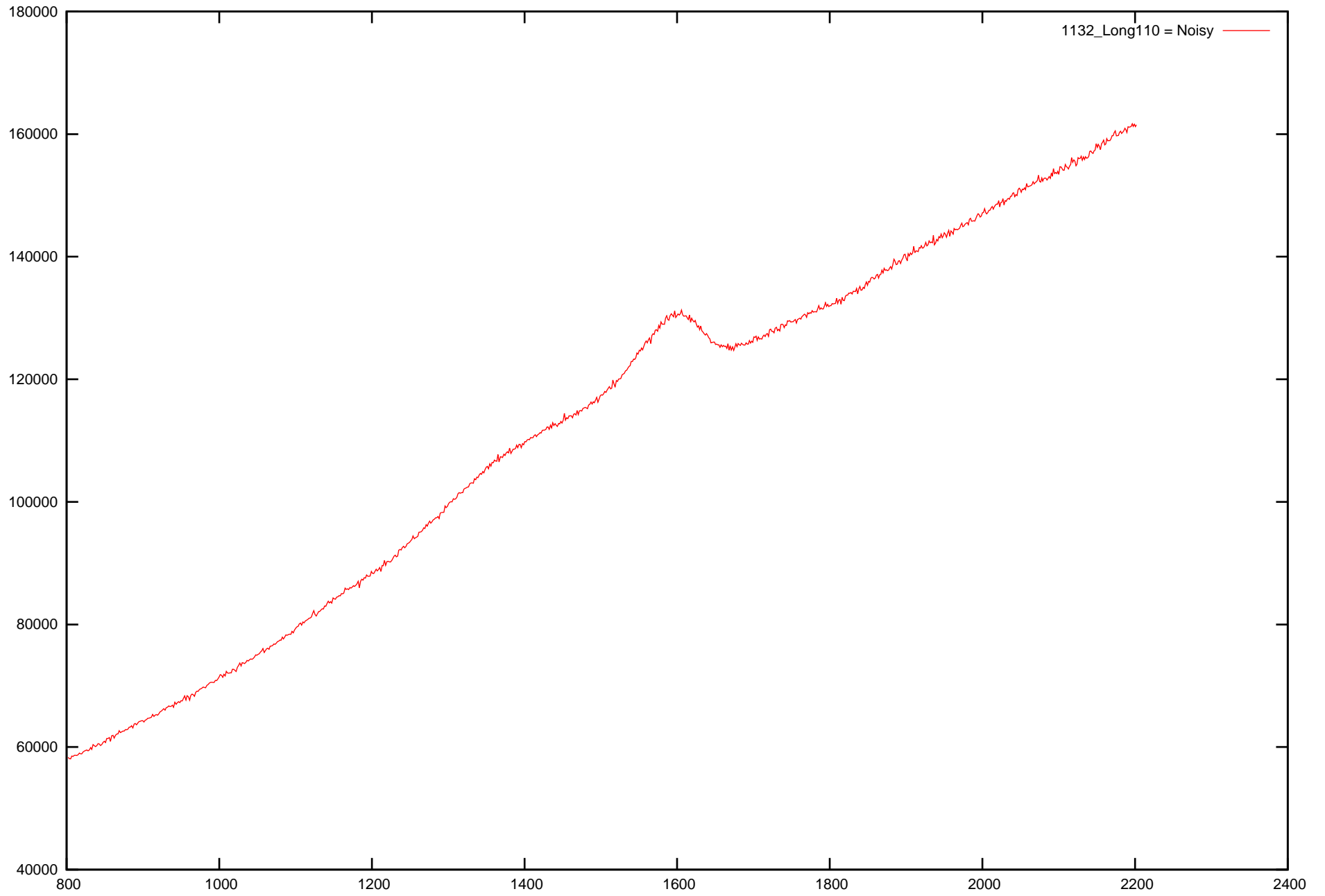
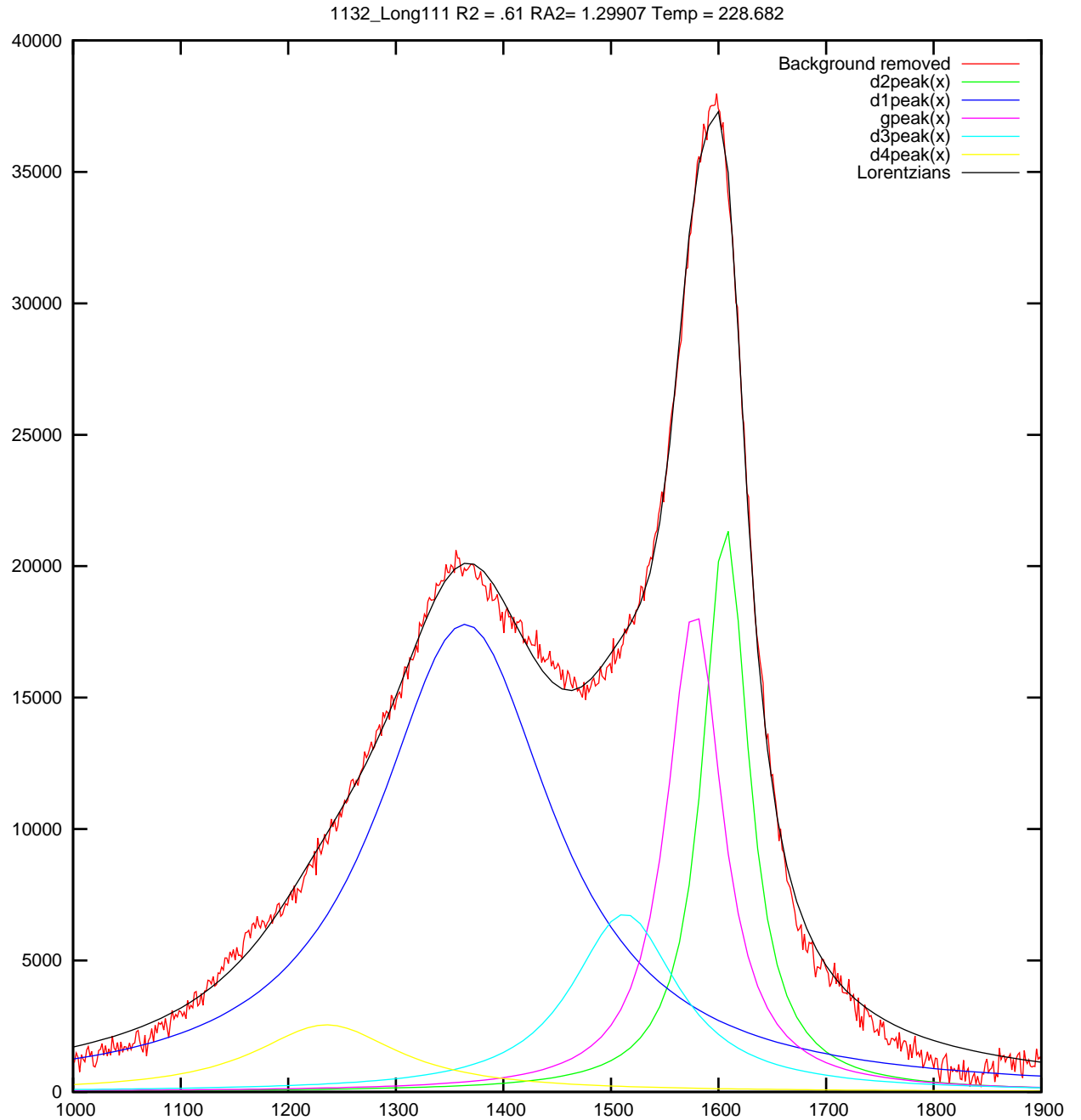
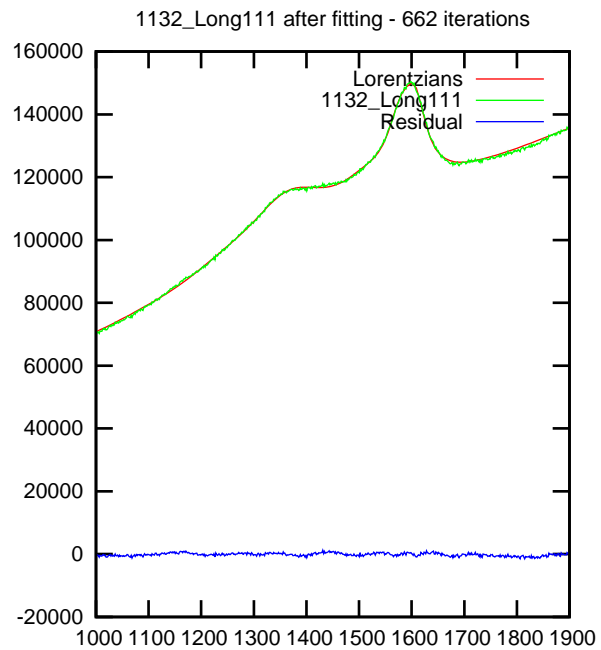
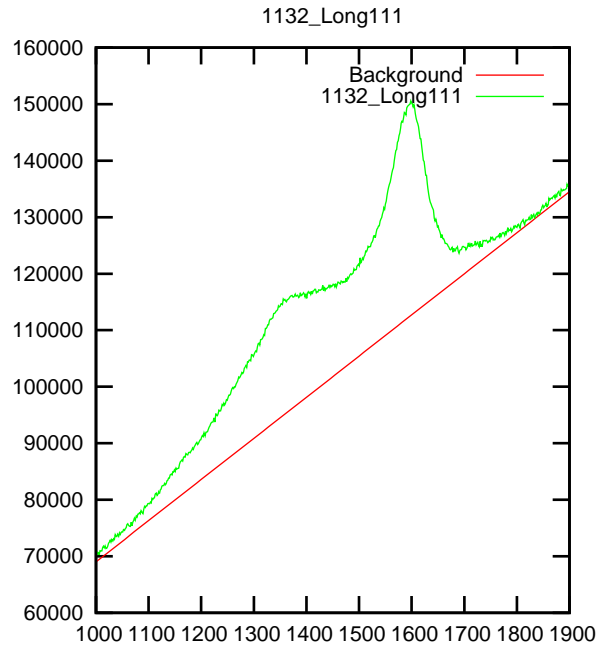
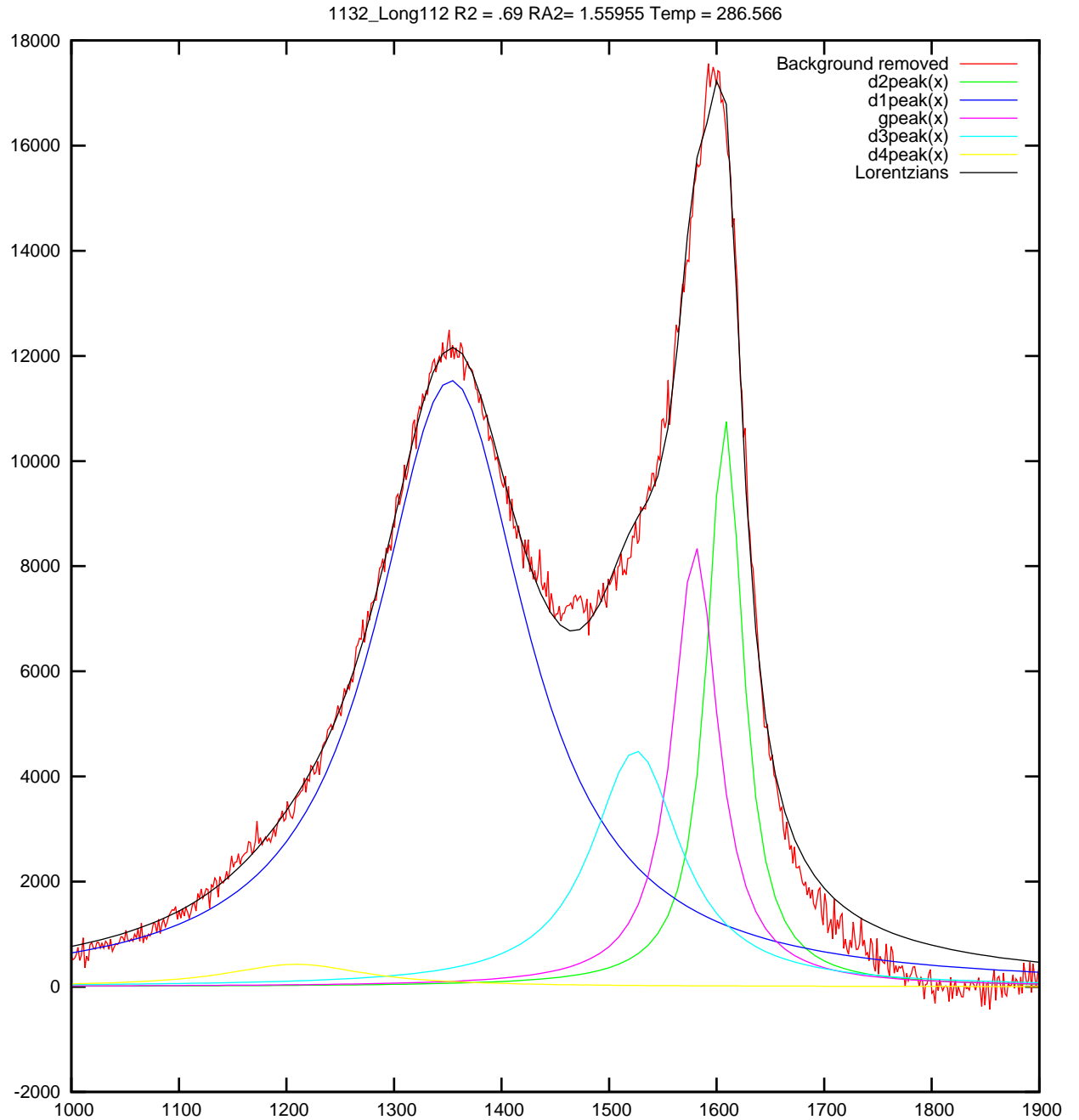
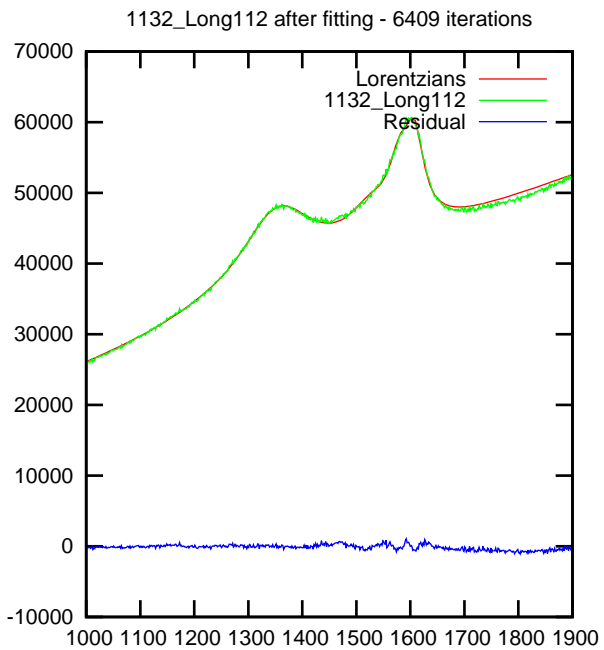
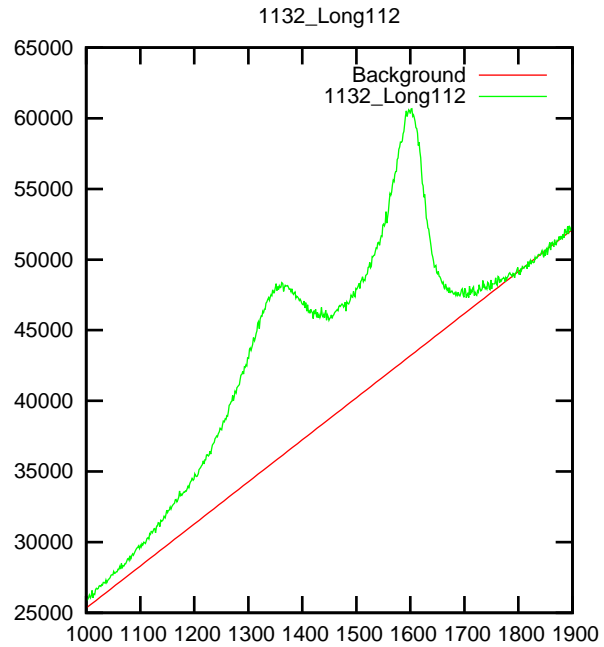
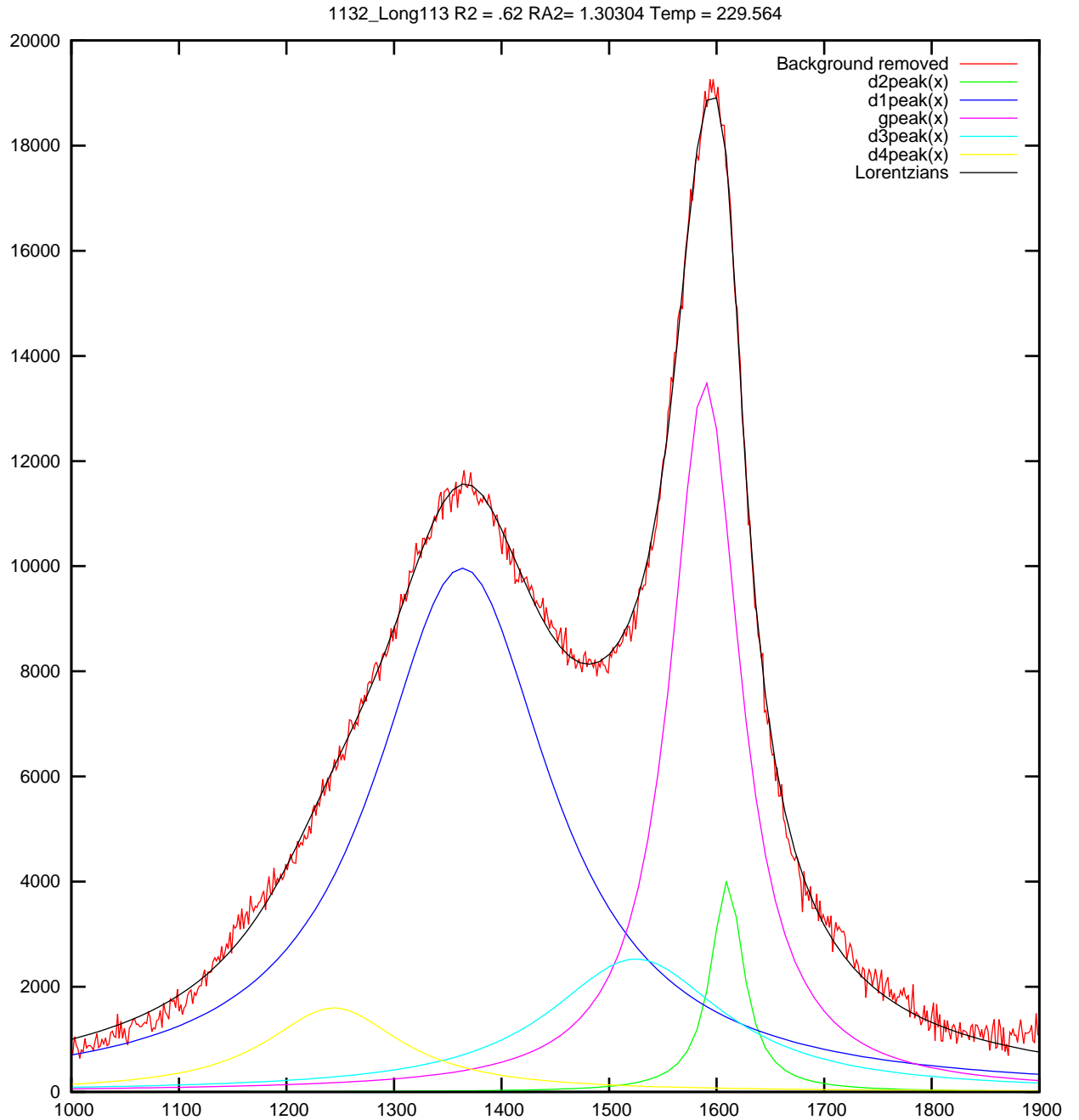
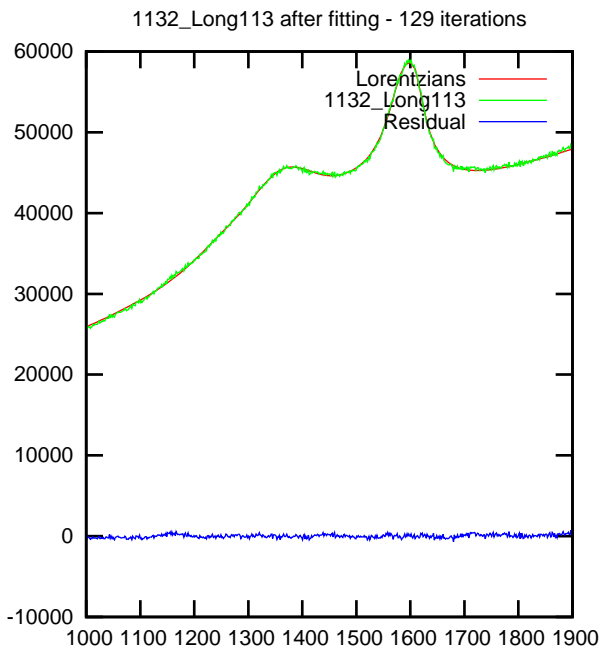
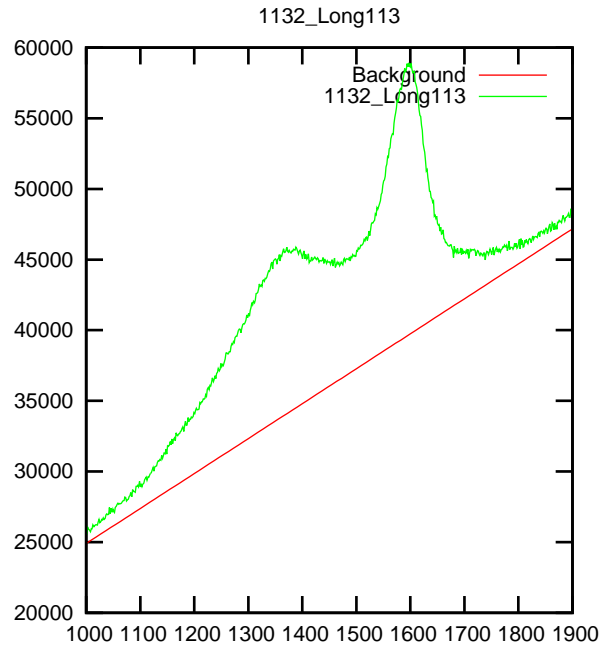


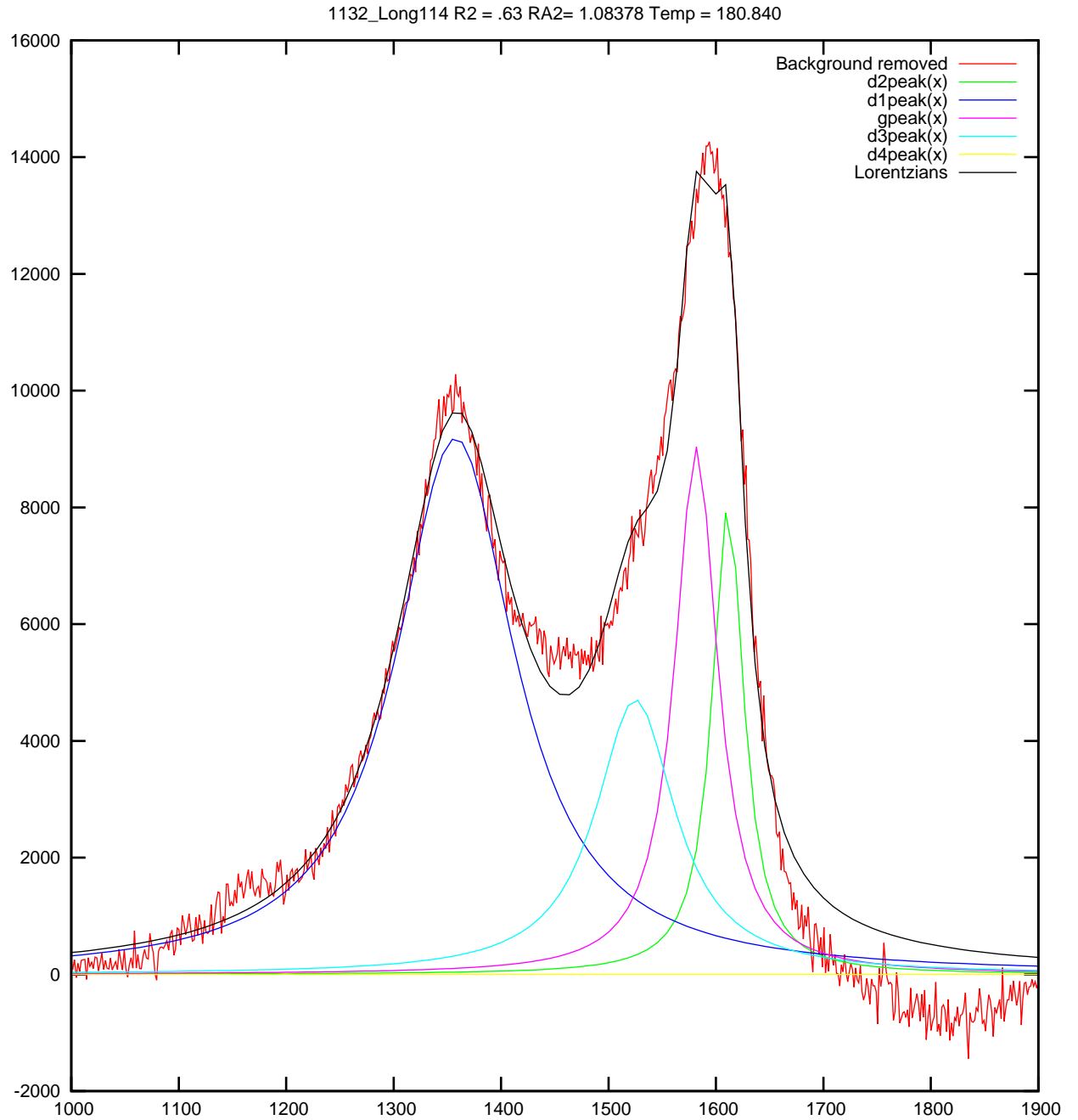
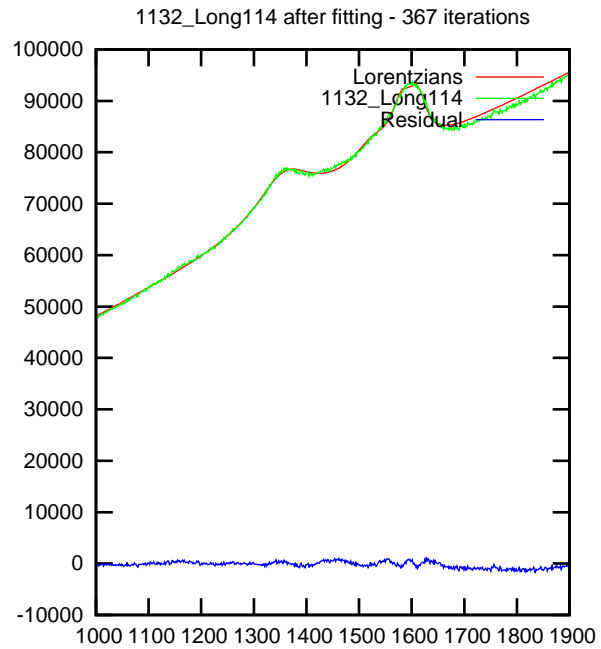
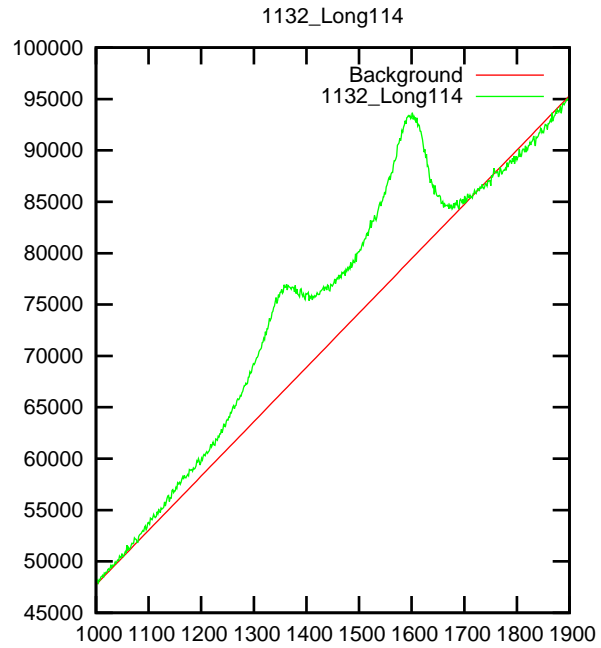
1132_Long110 = Noisy

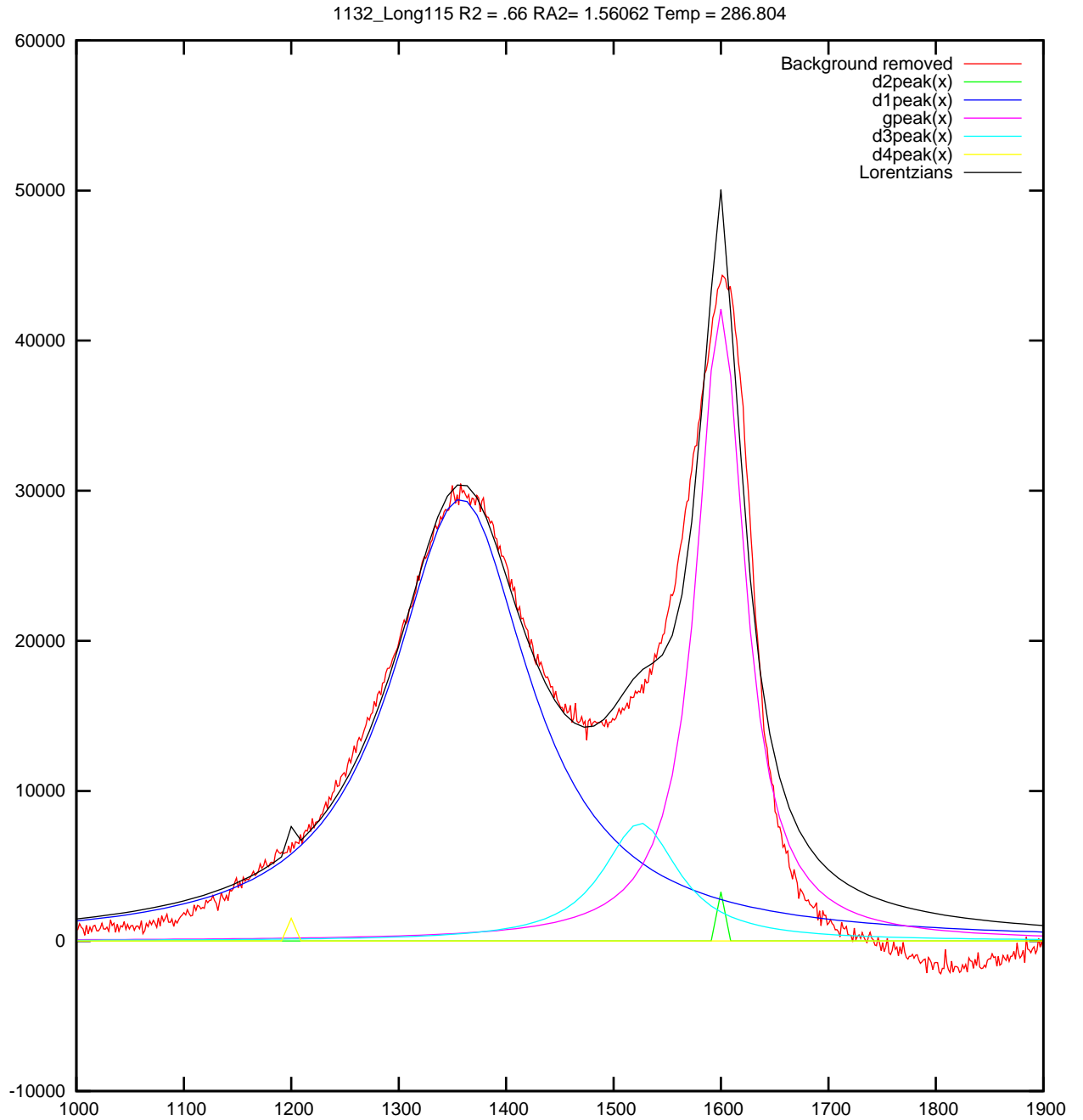
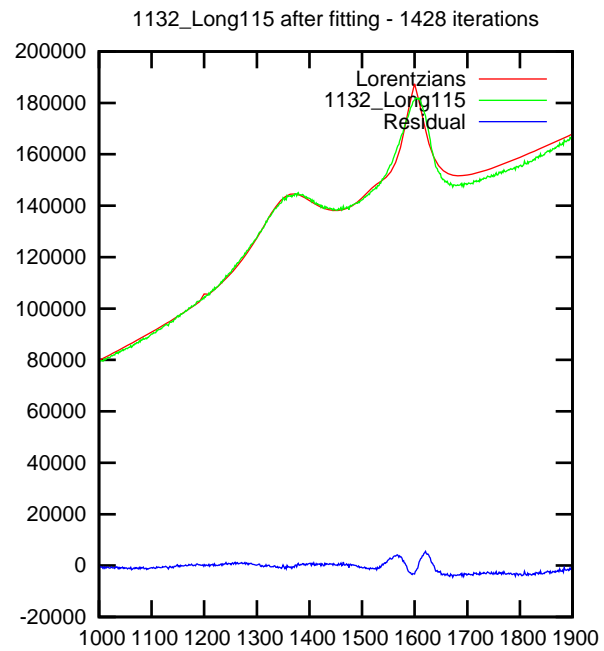
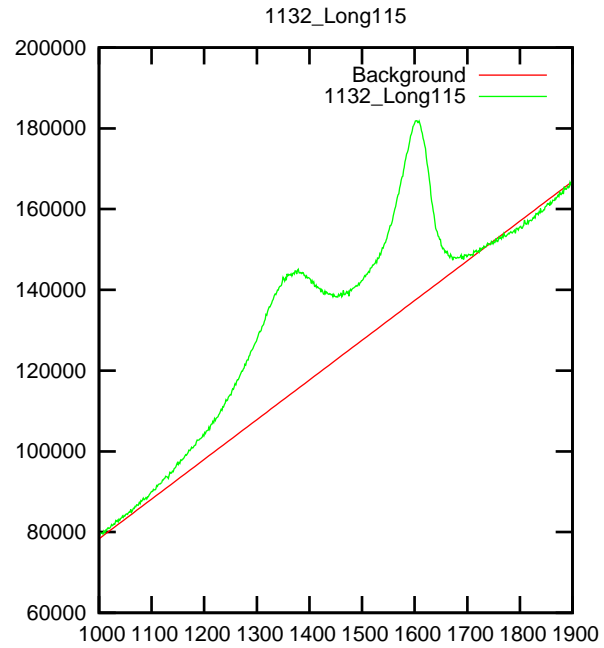


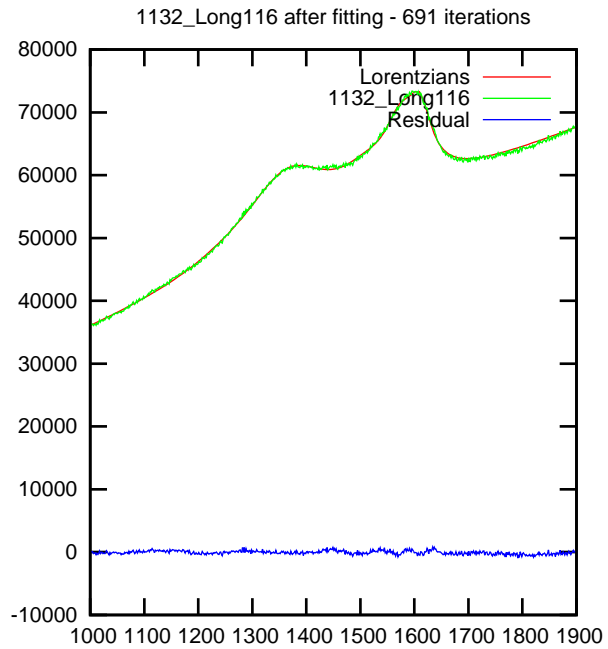
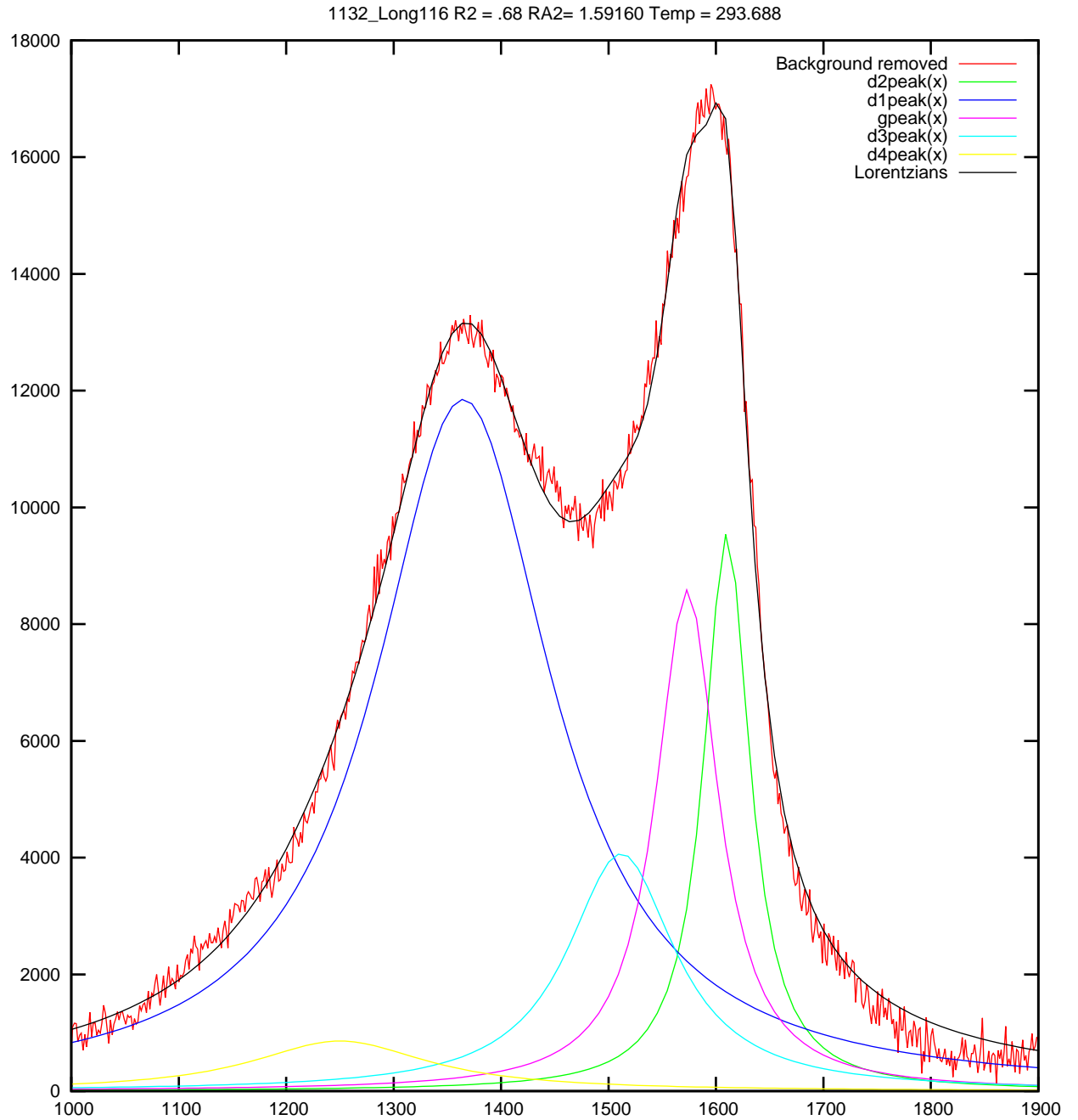
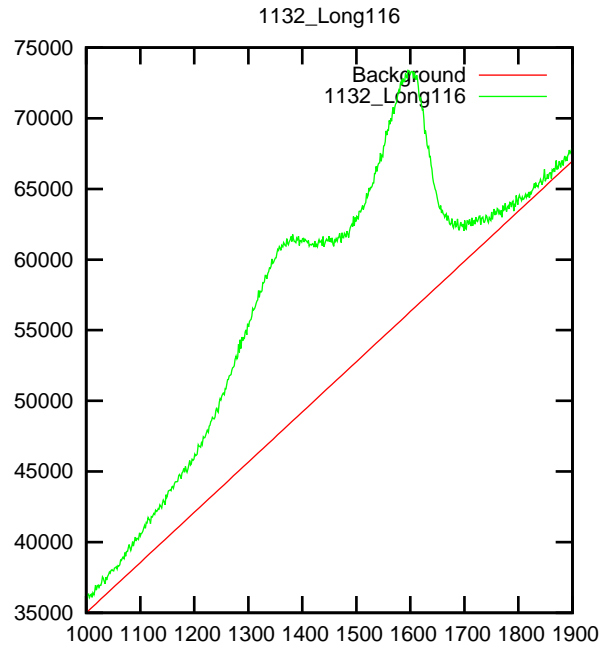


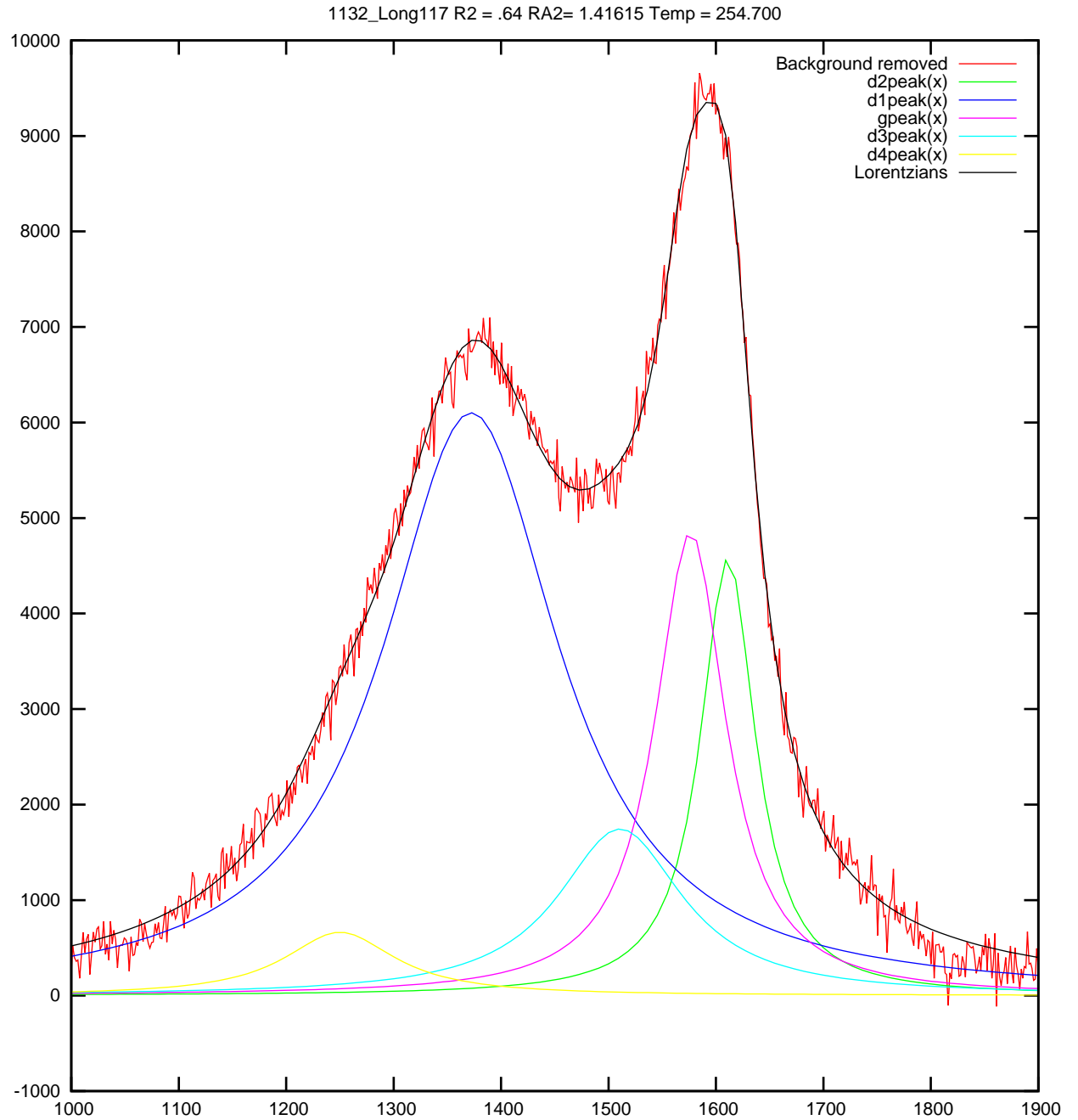
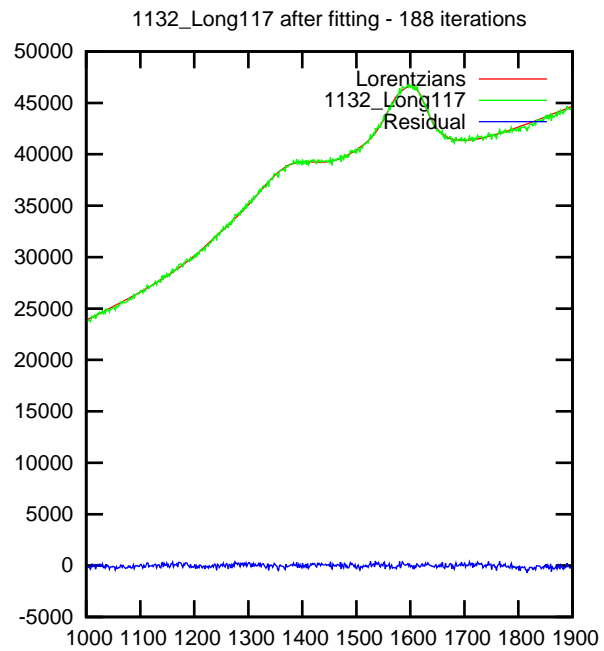
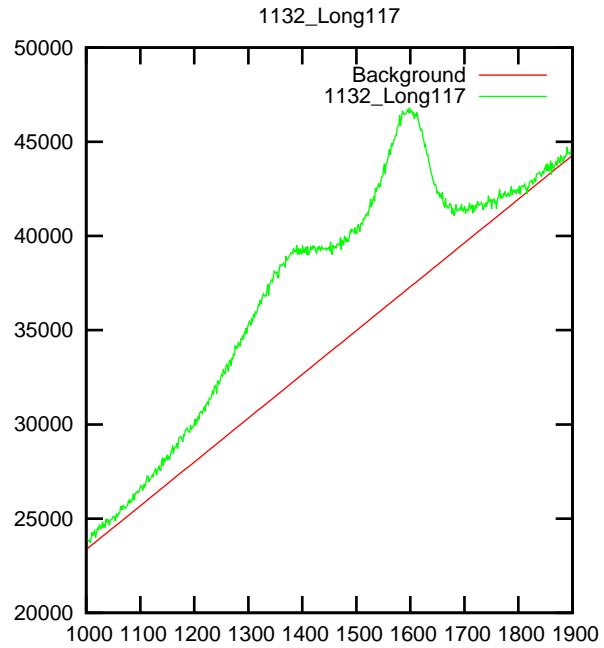


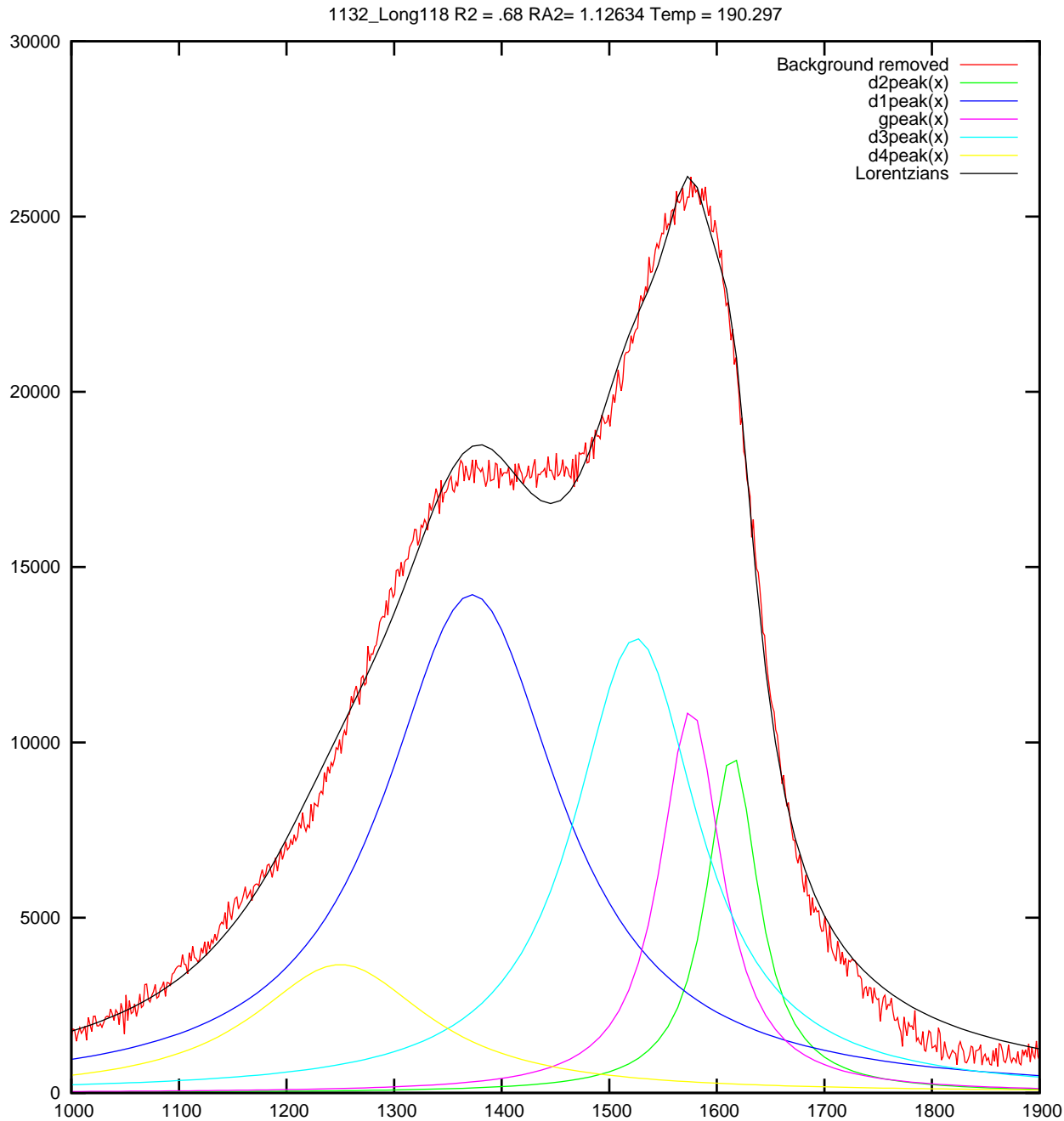
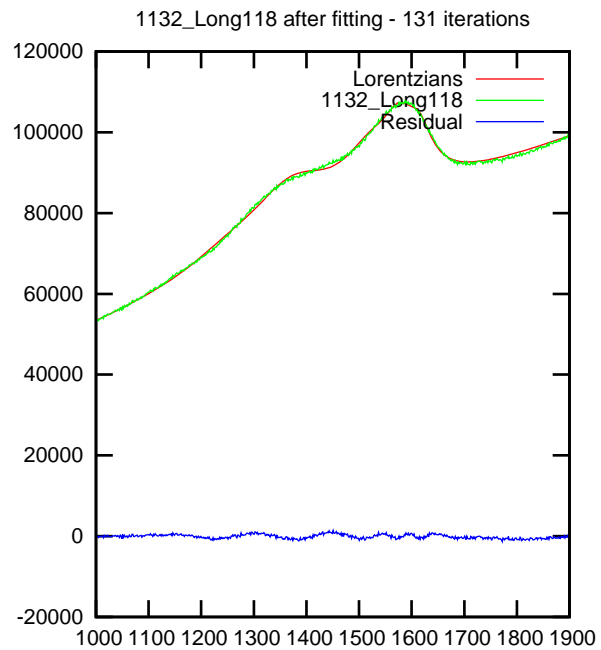
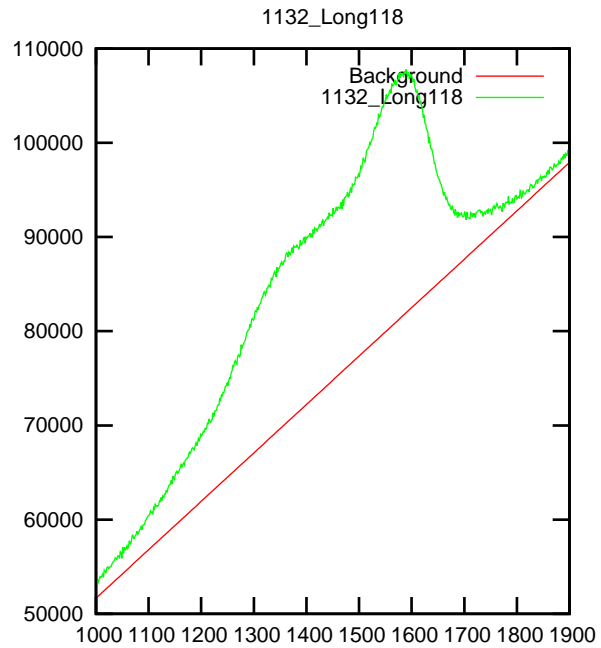


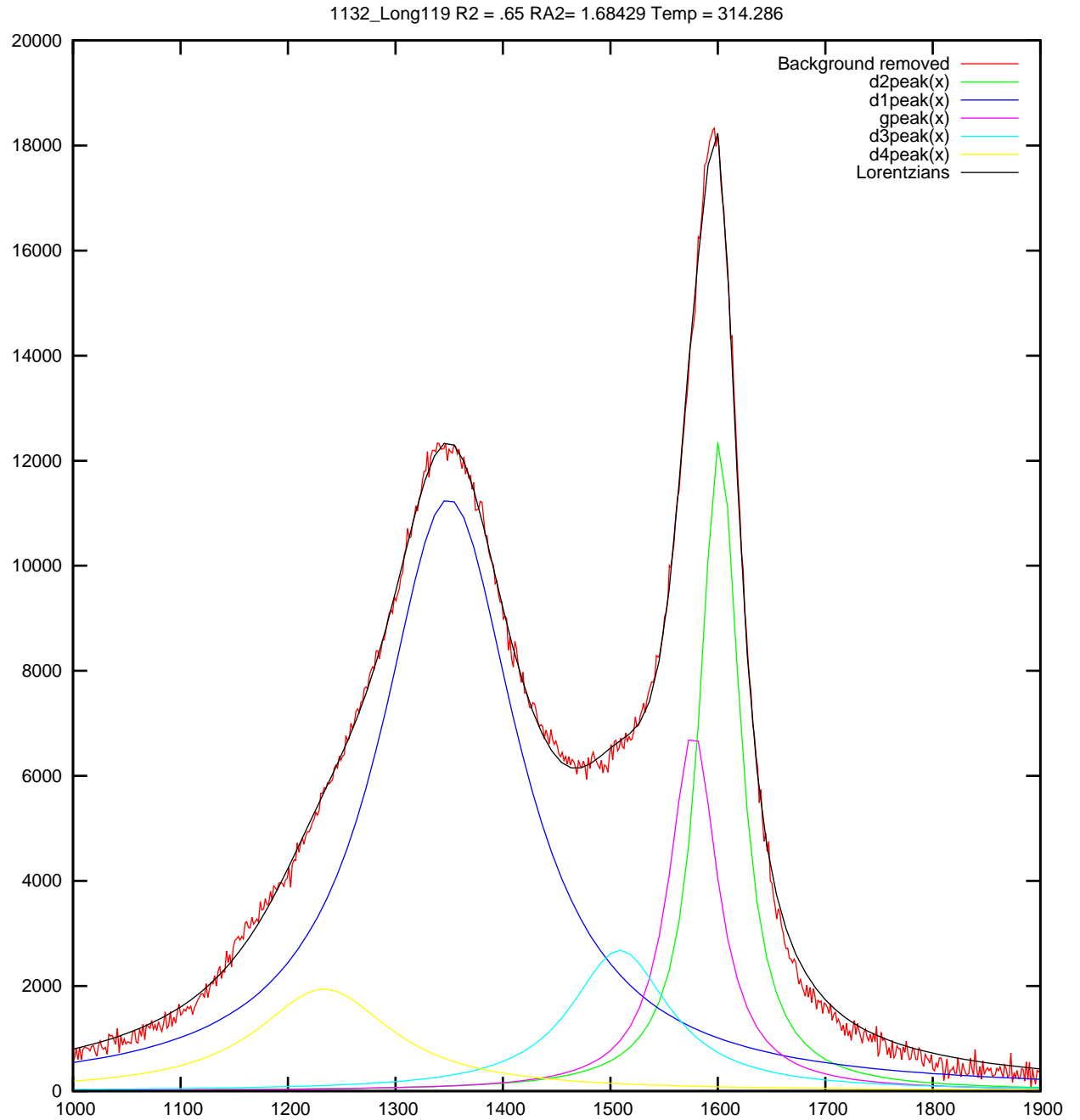
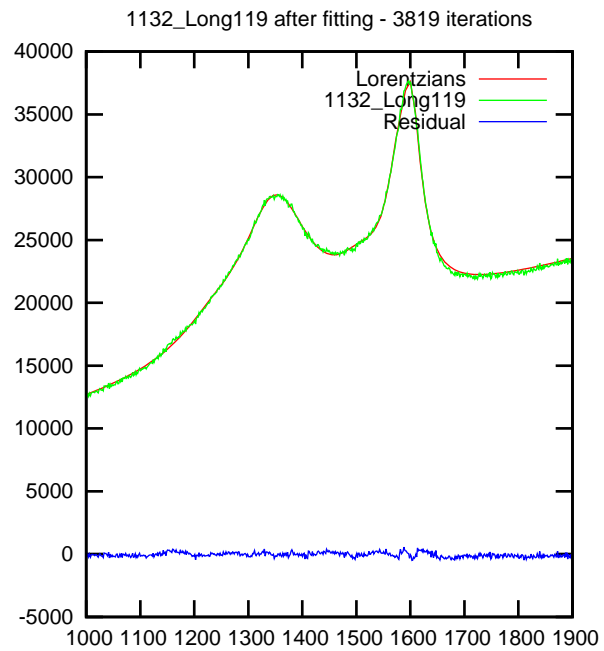
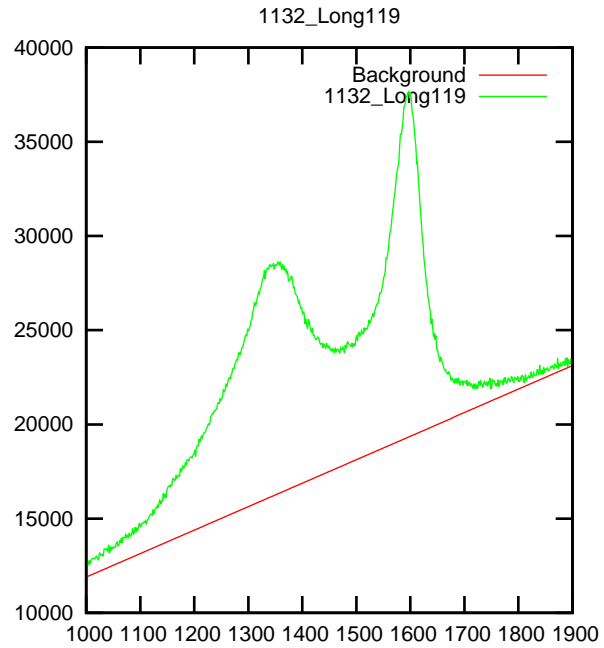


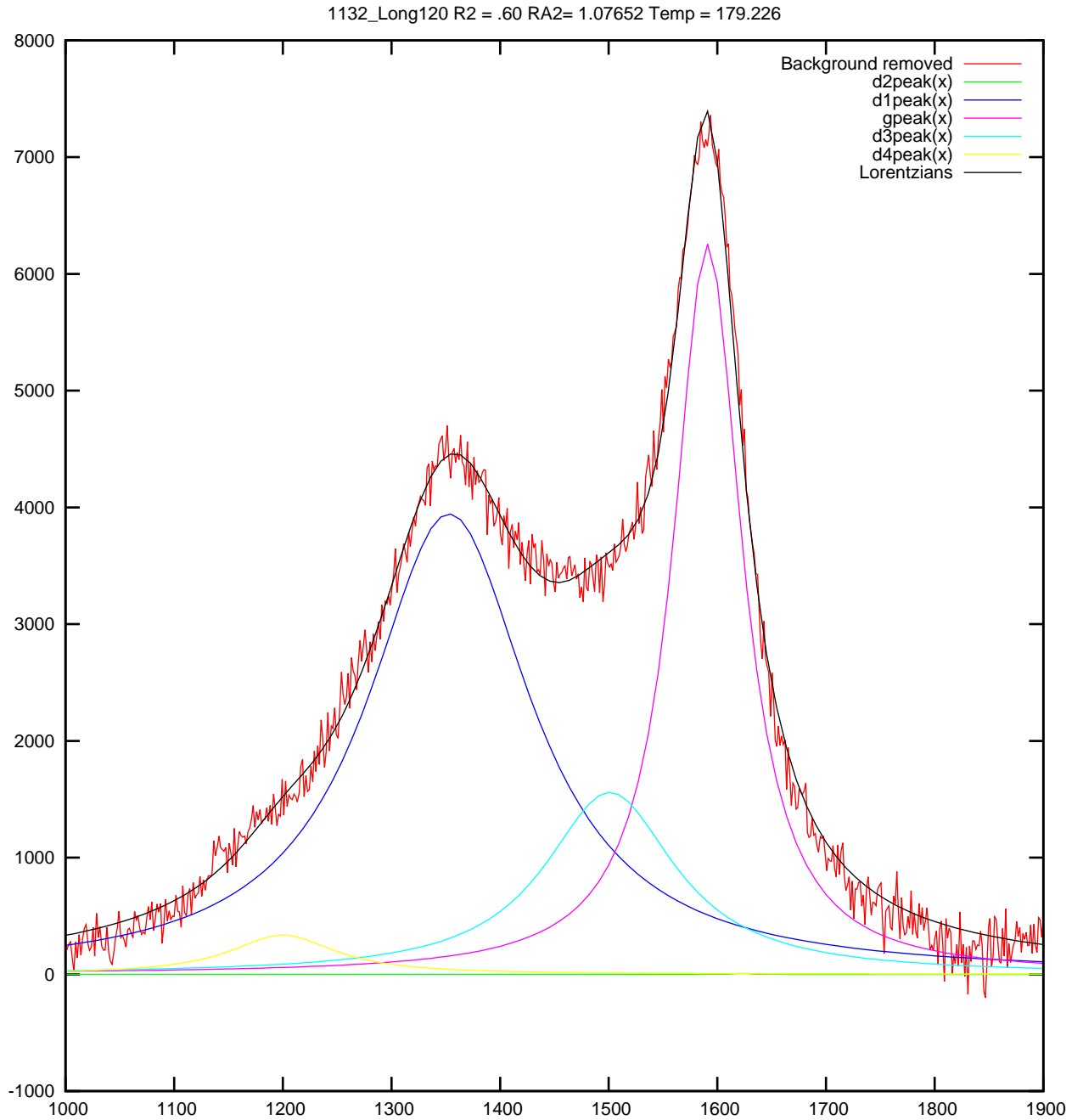
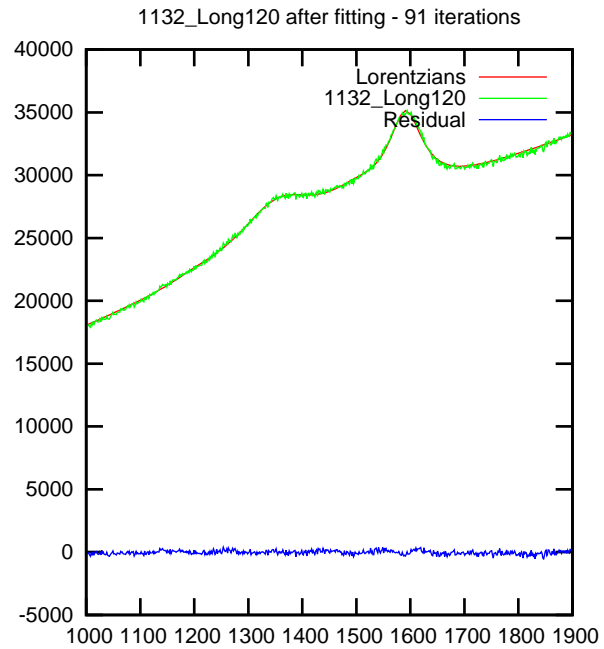
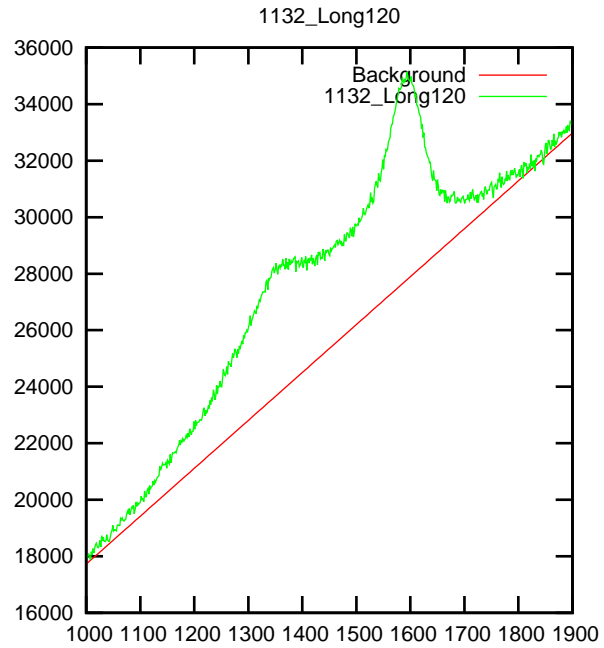


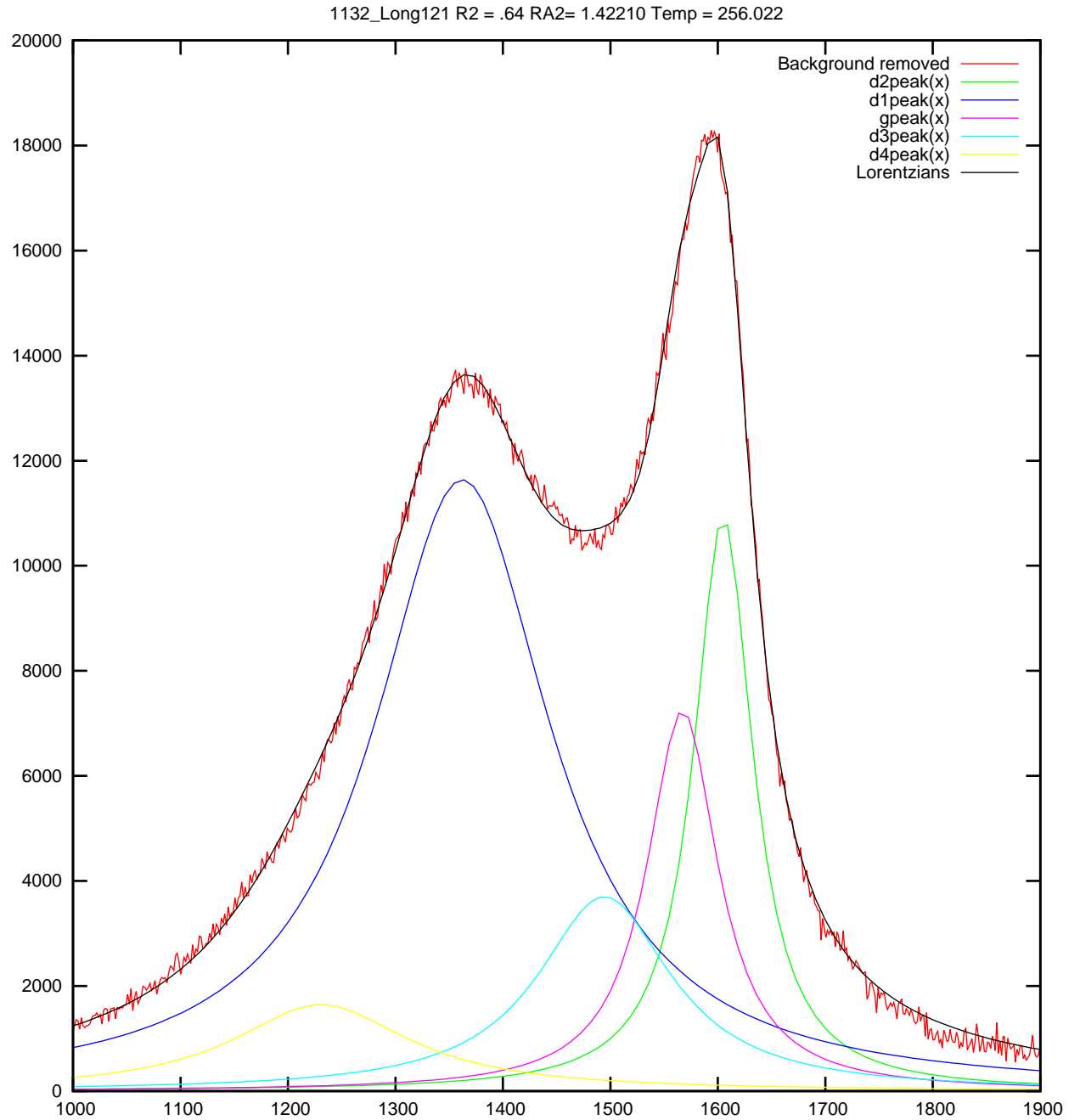
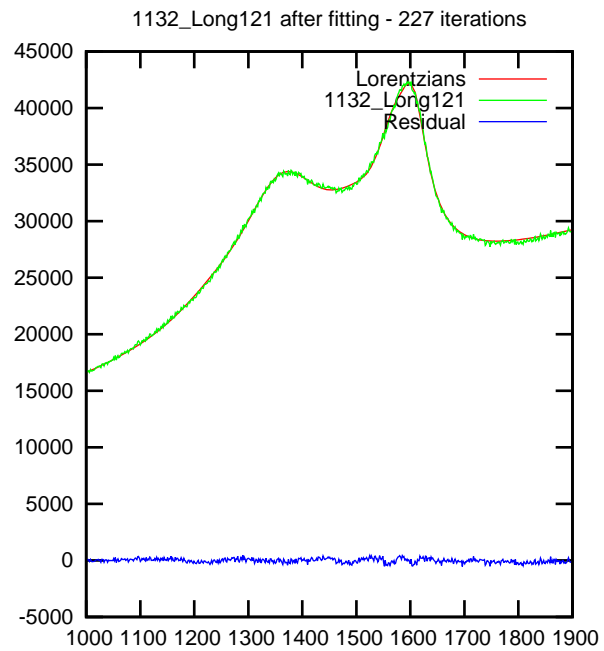
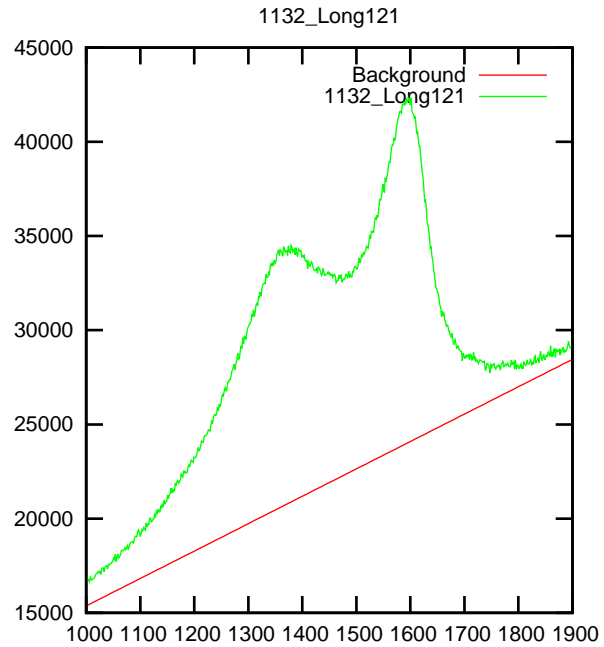


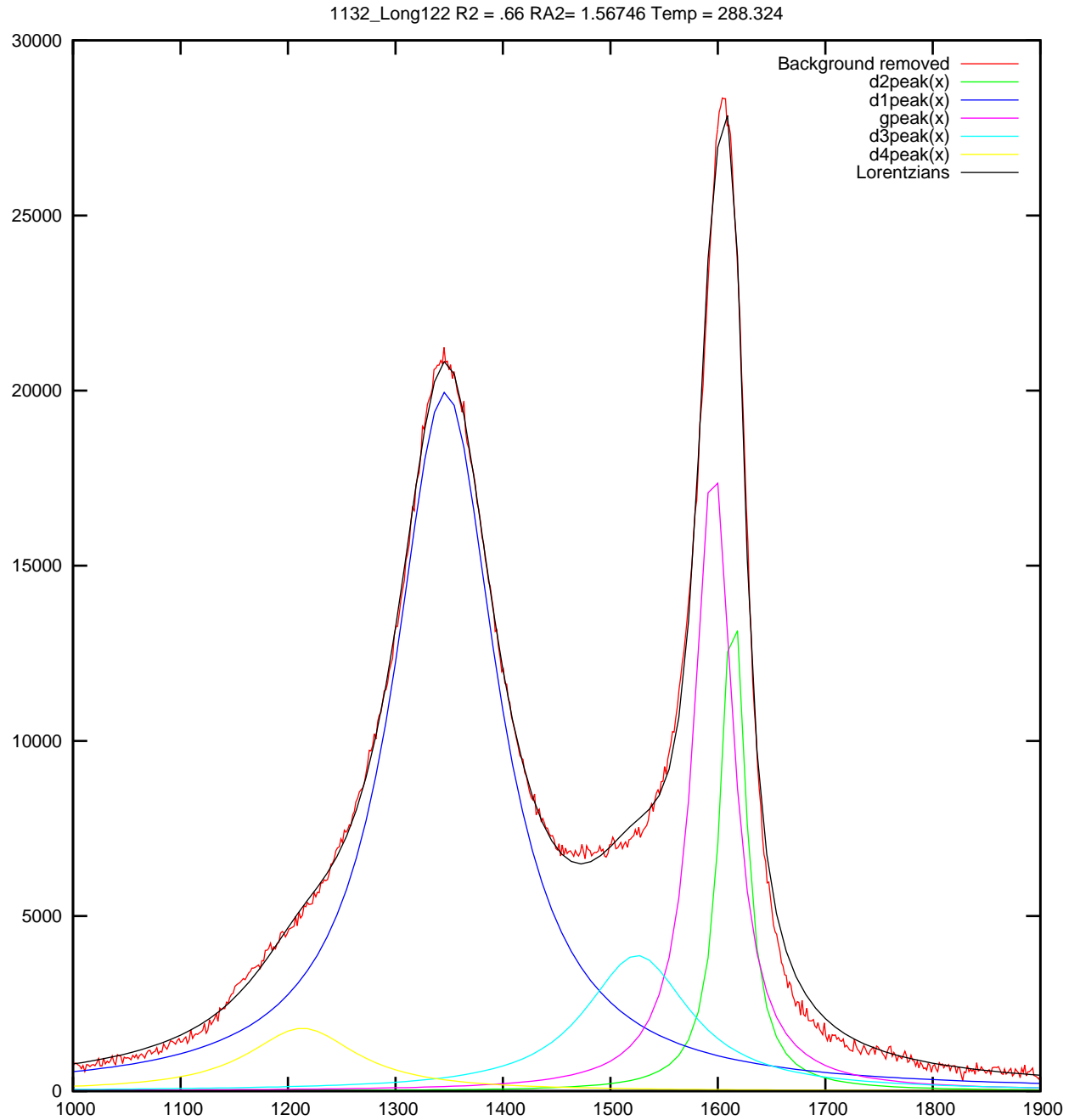
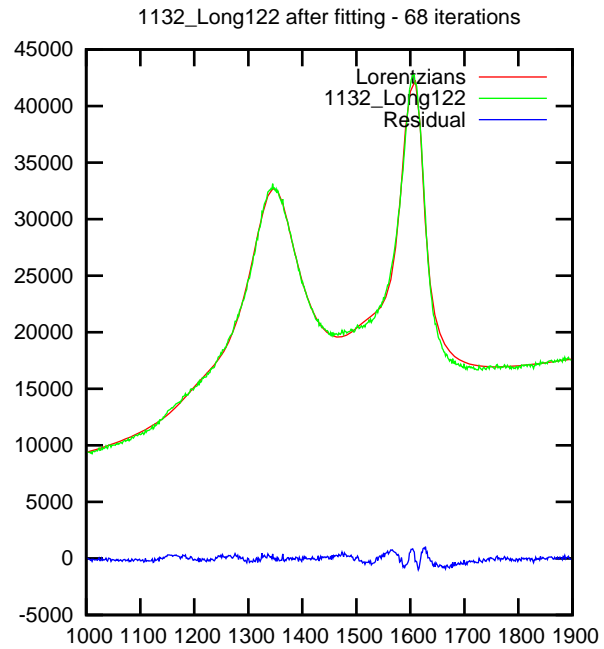
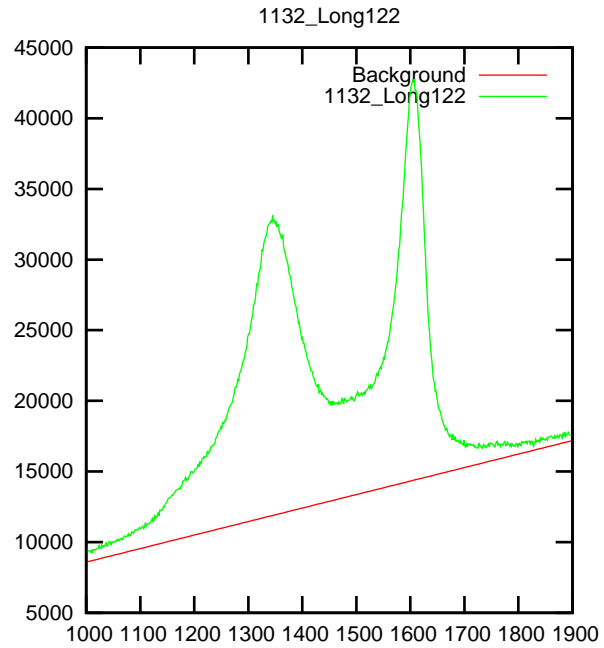


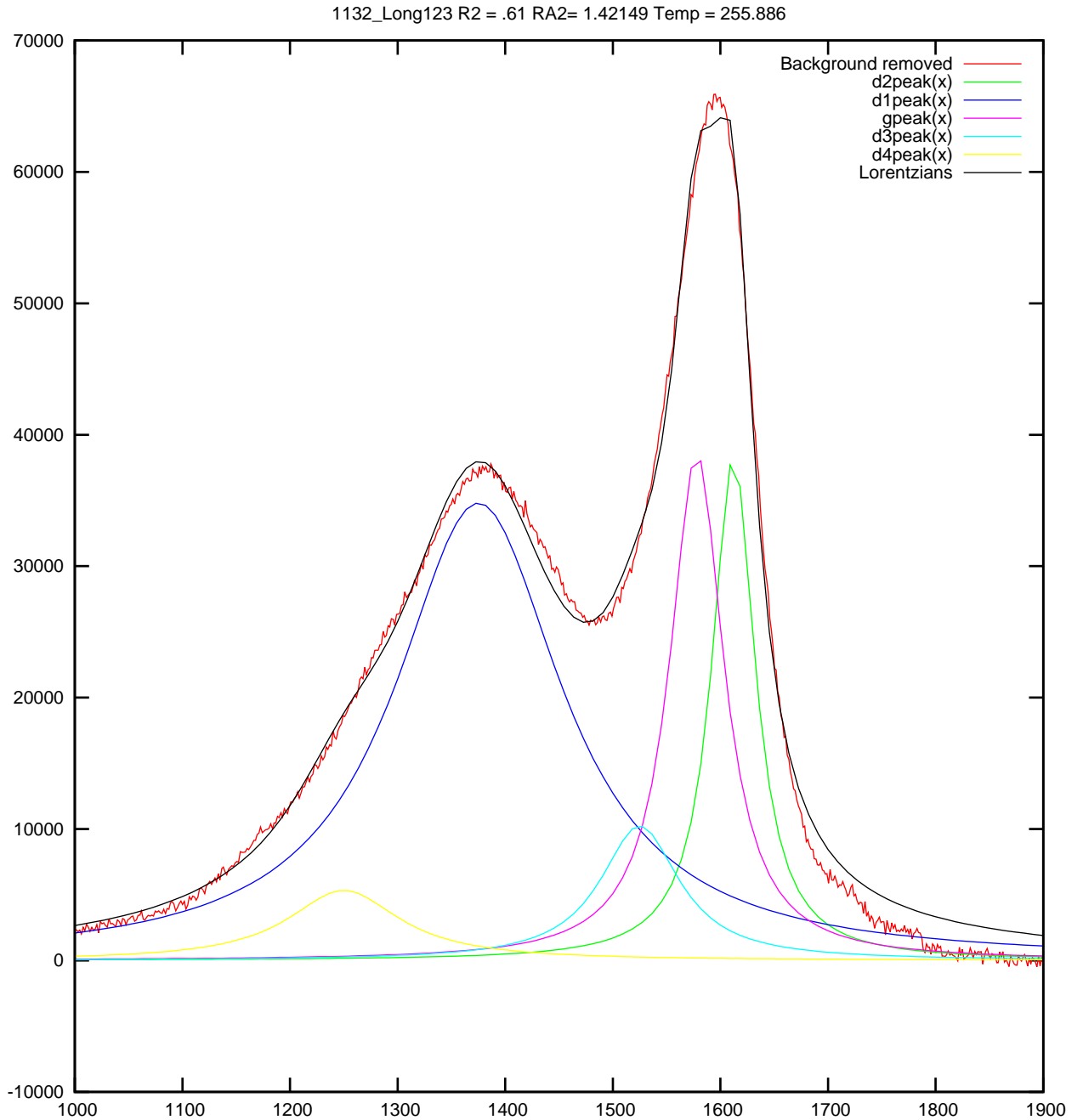
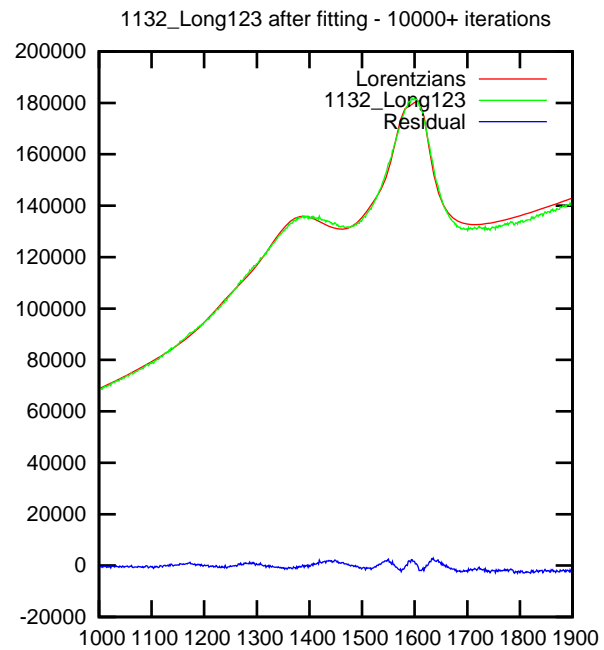
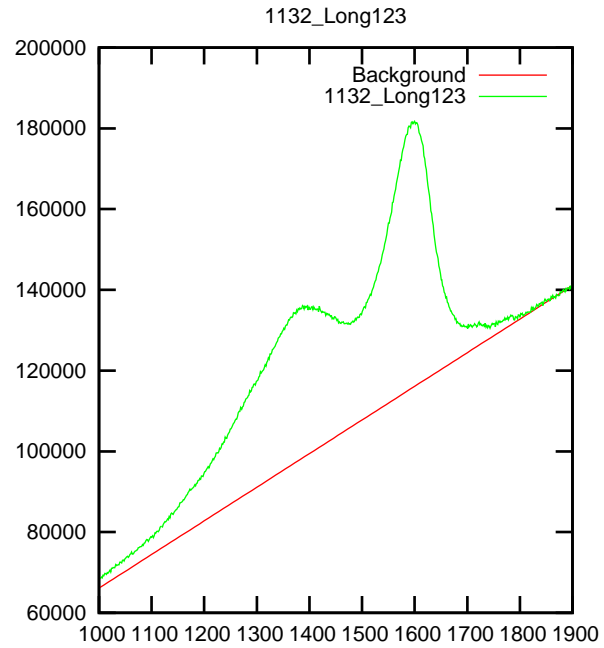


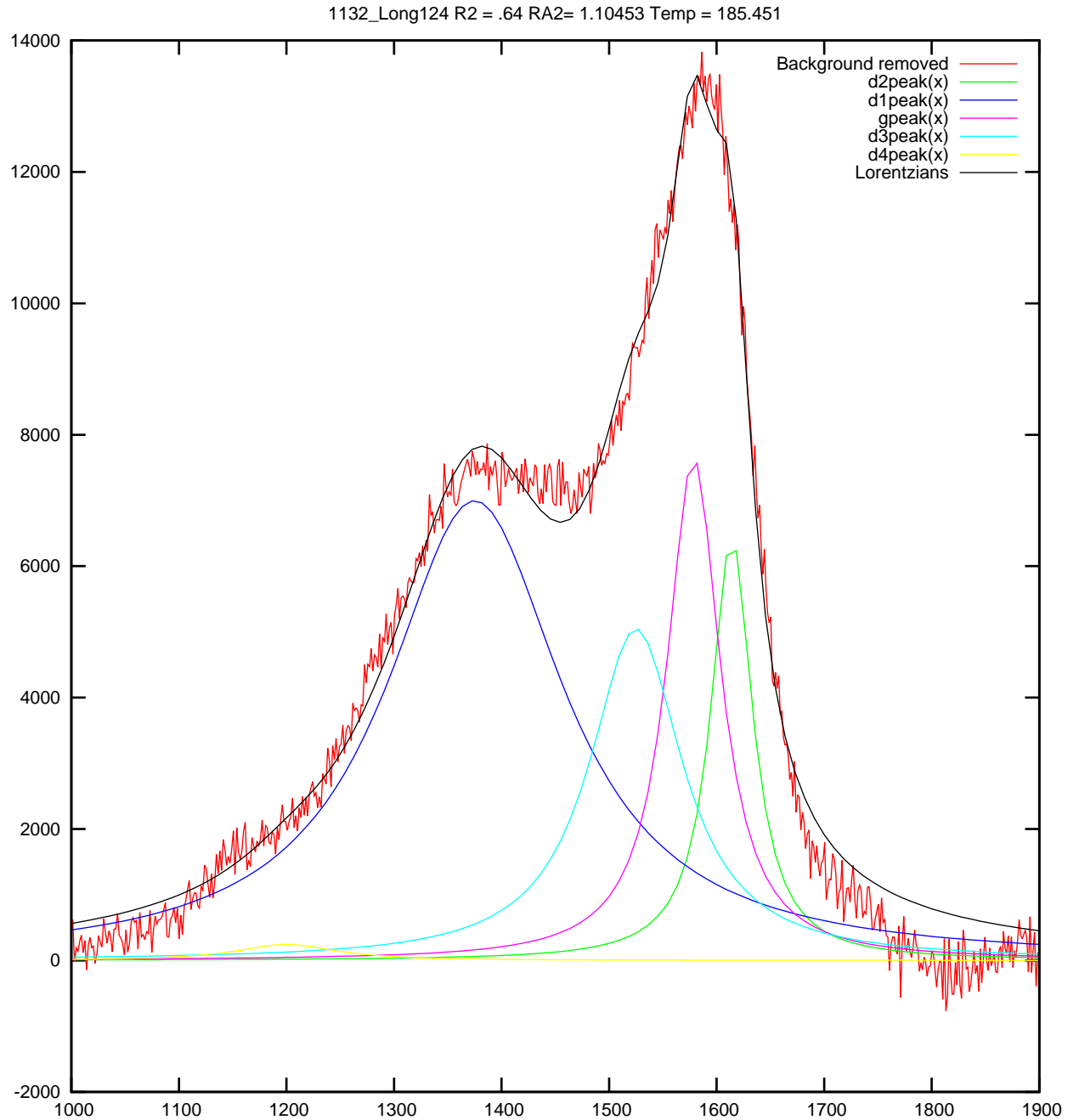
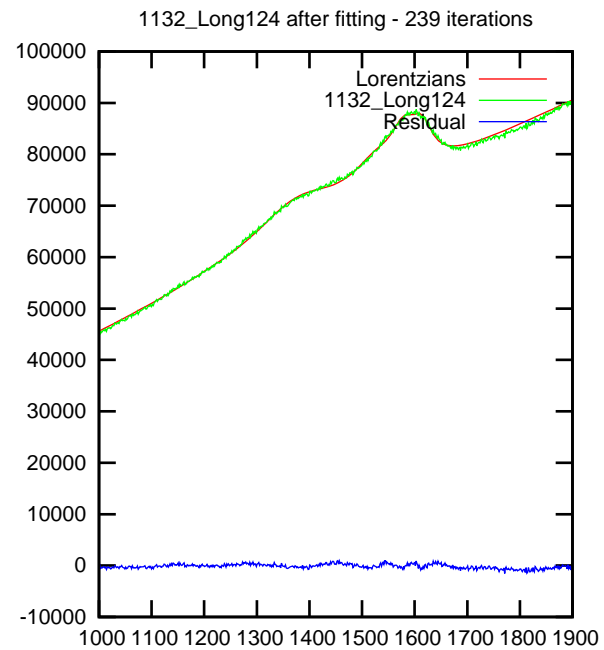
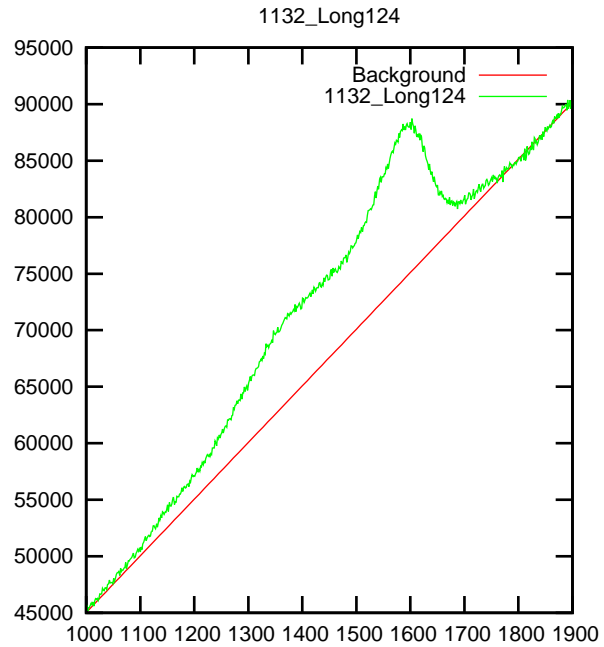


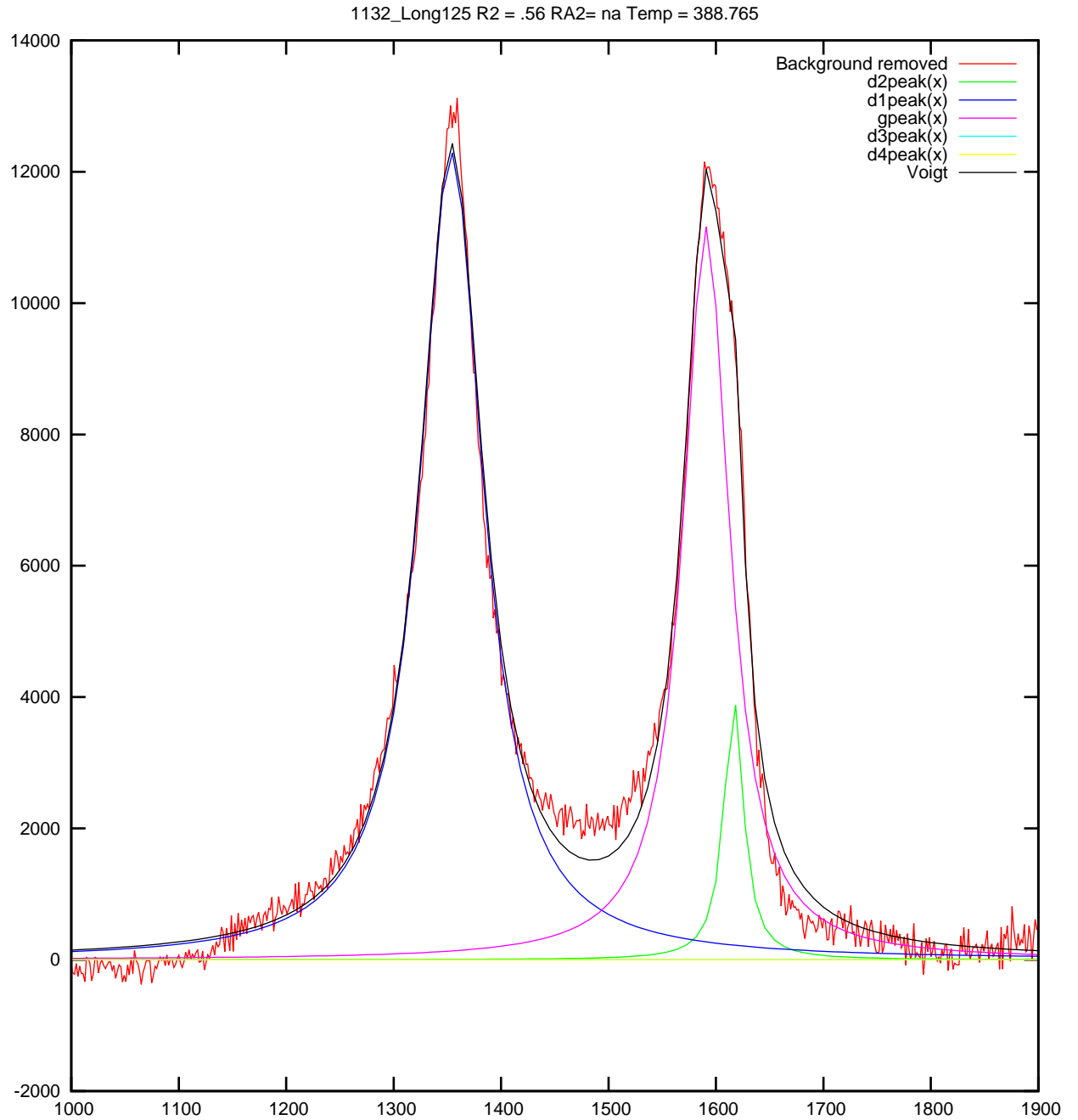
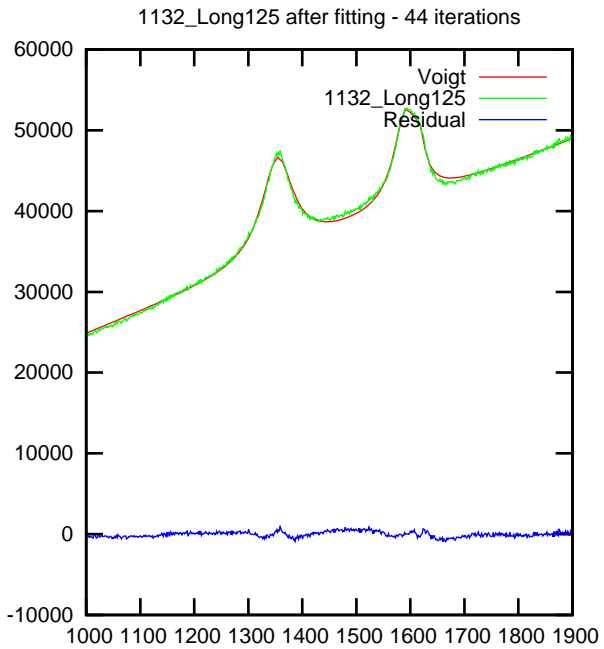
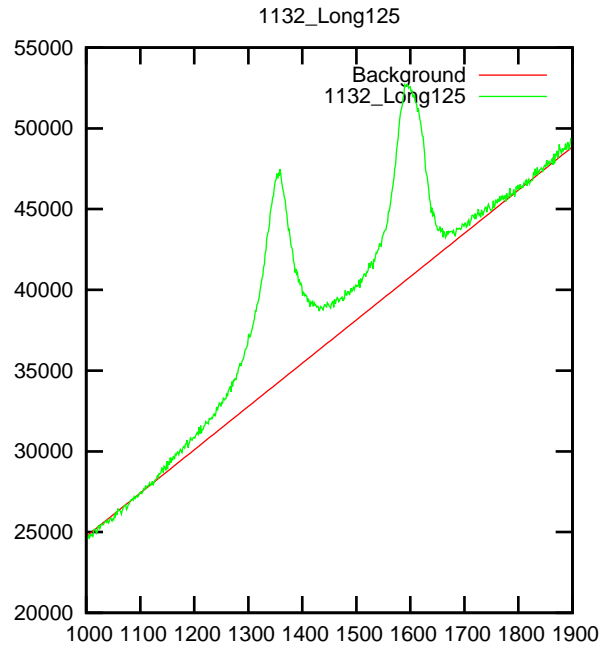


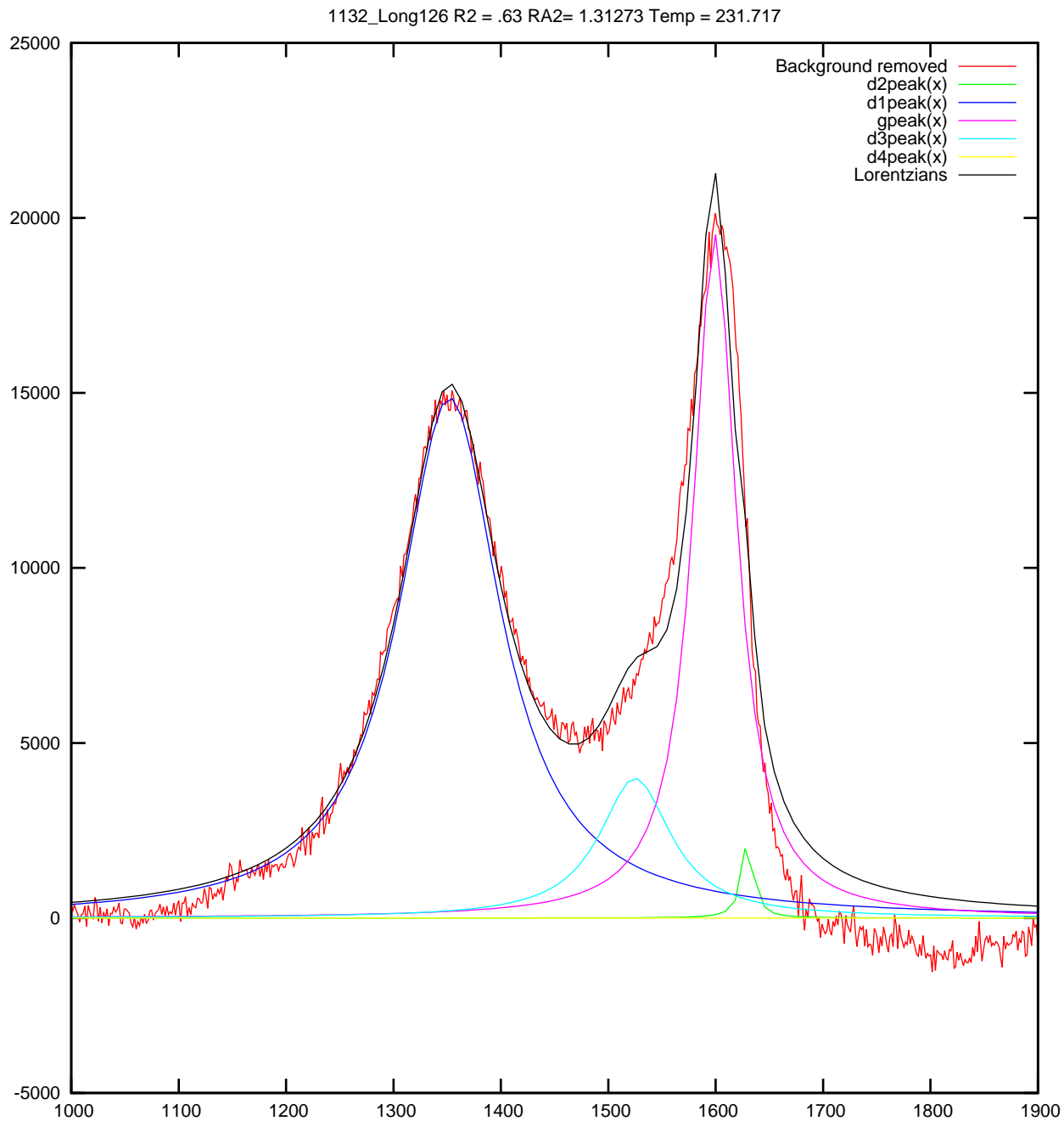
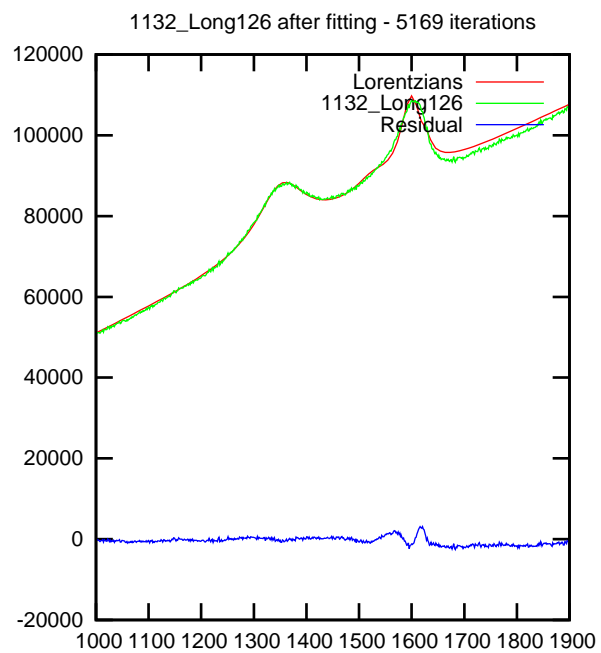
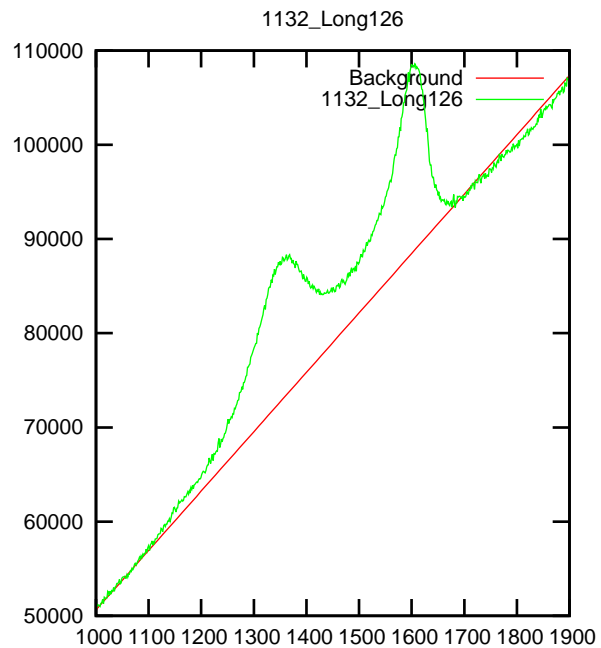


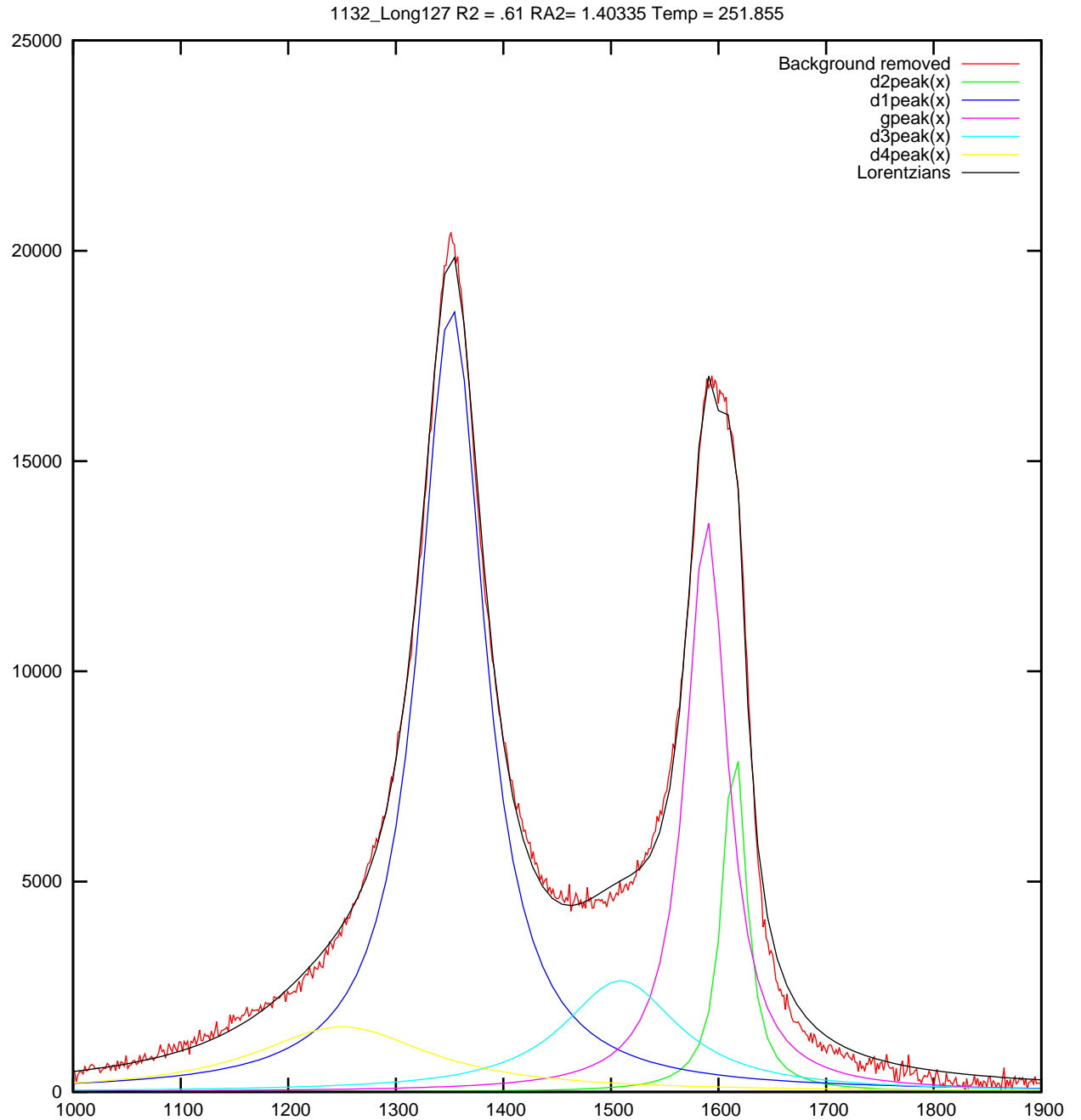
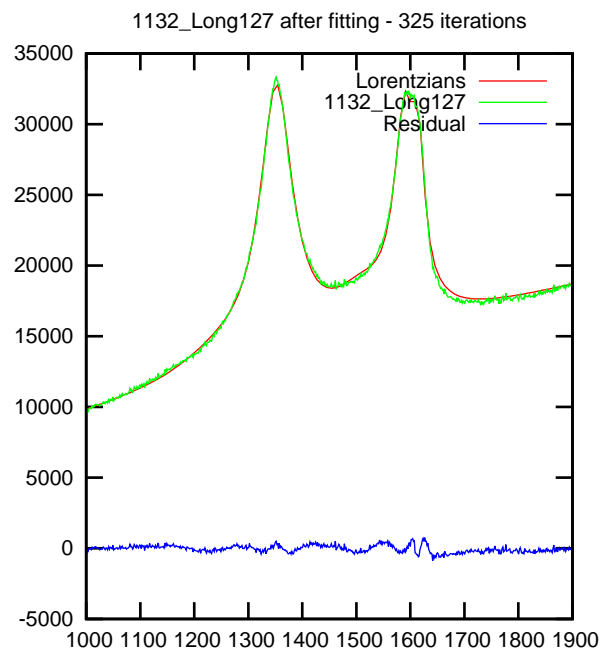
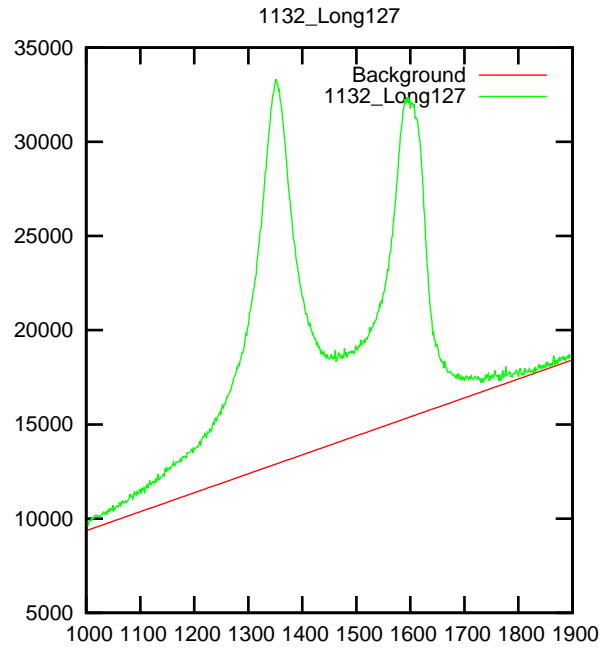


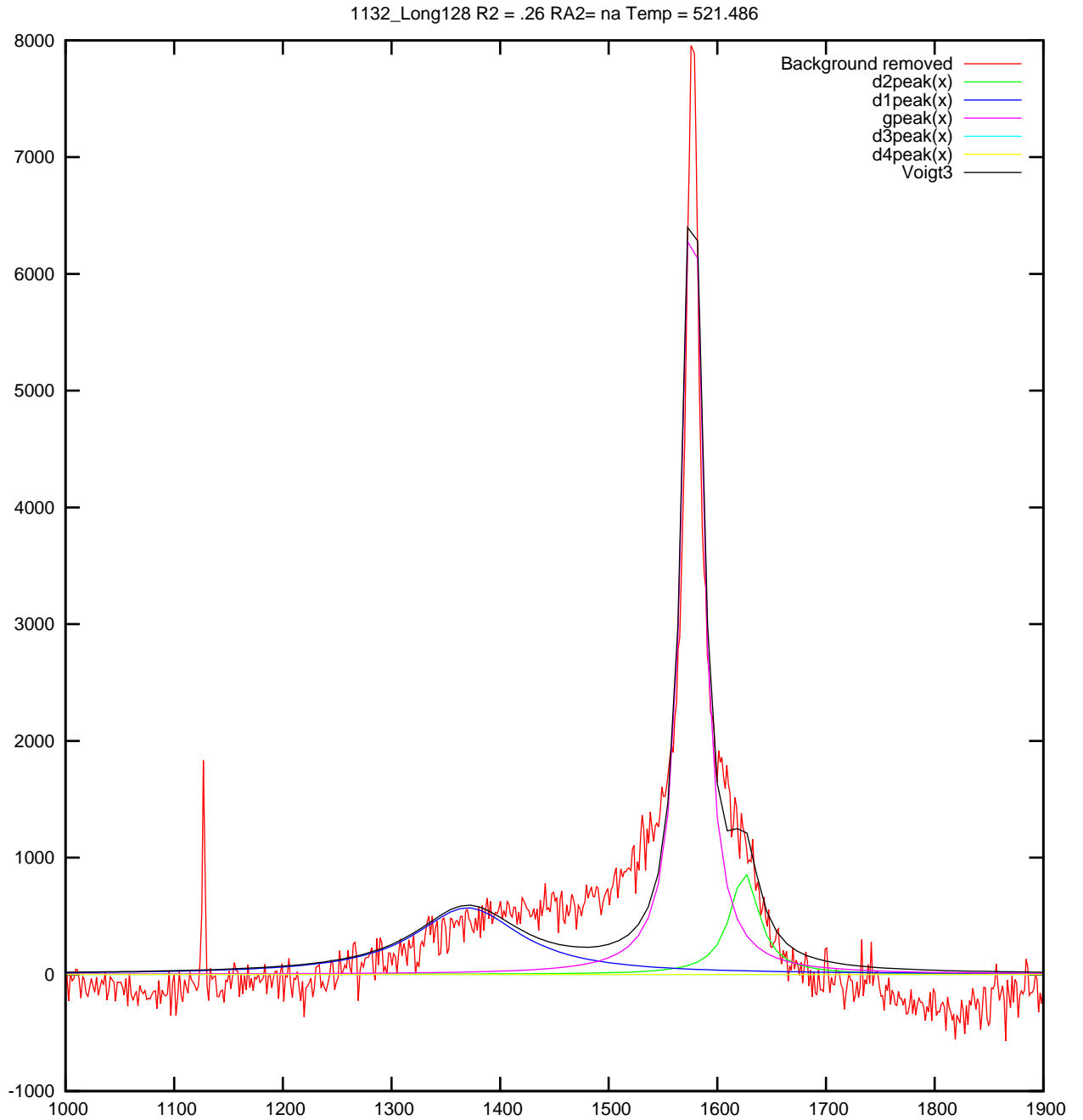
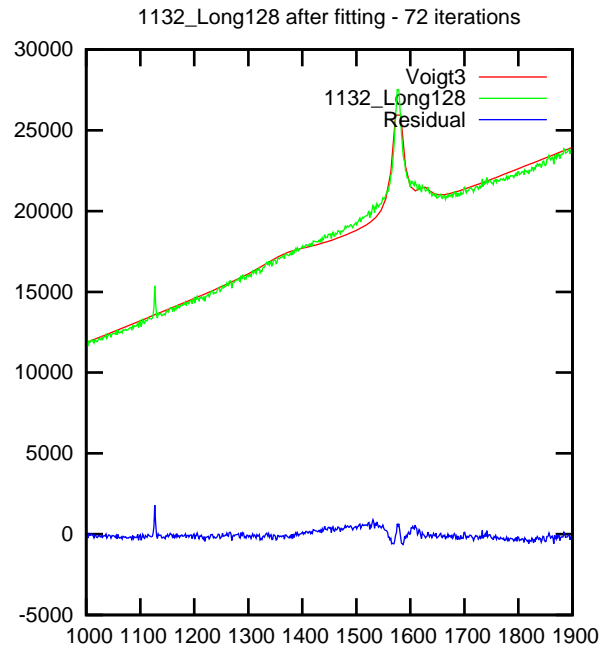
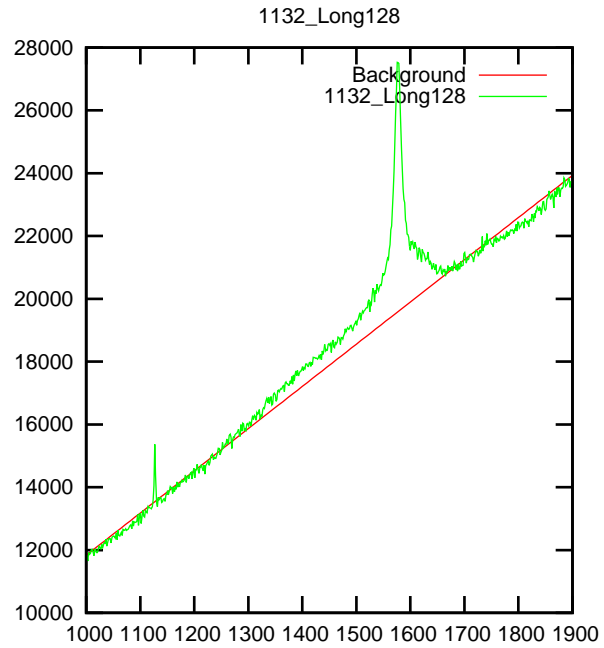




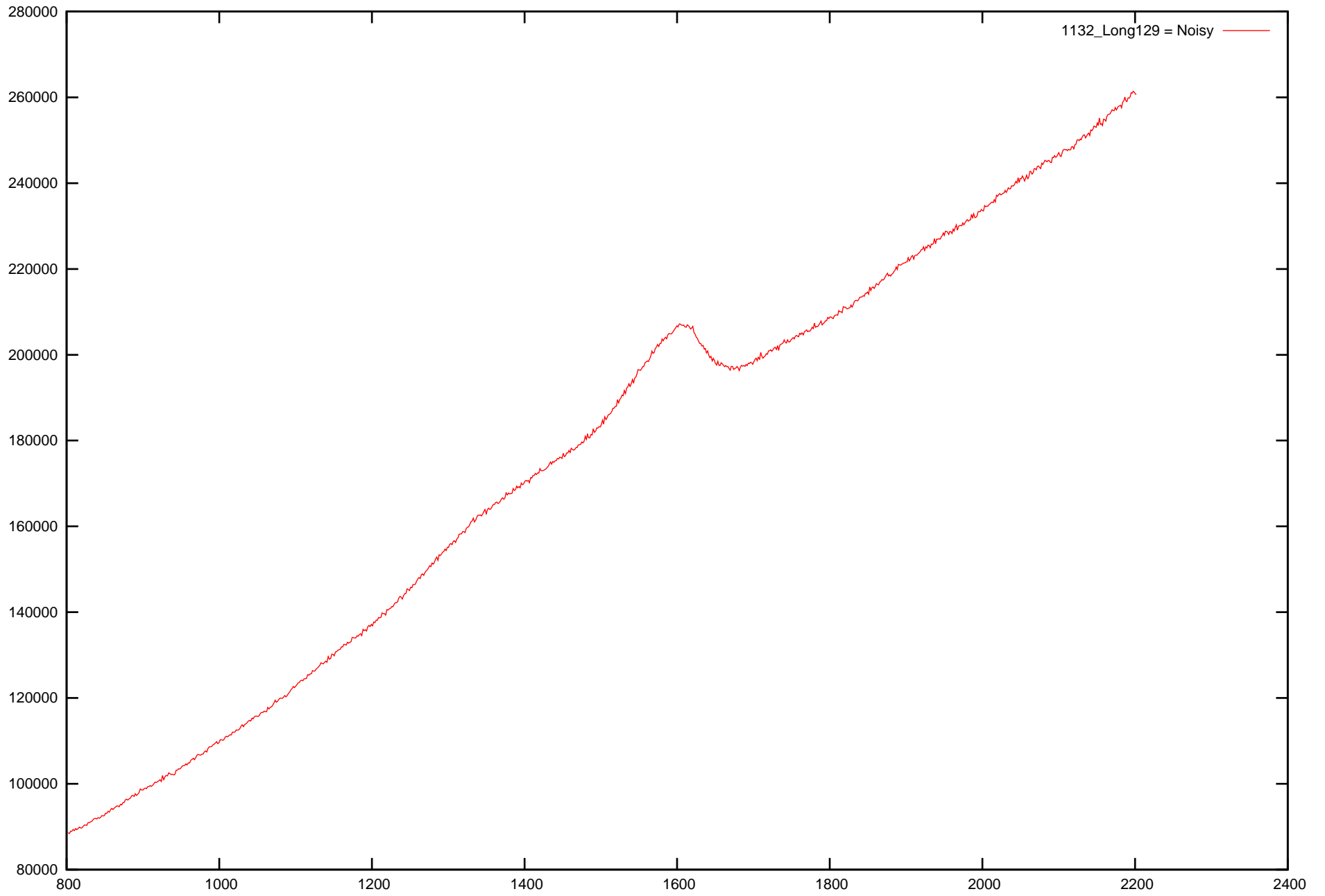


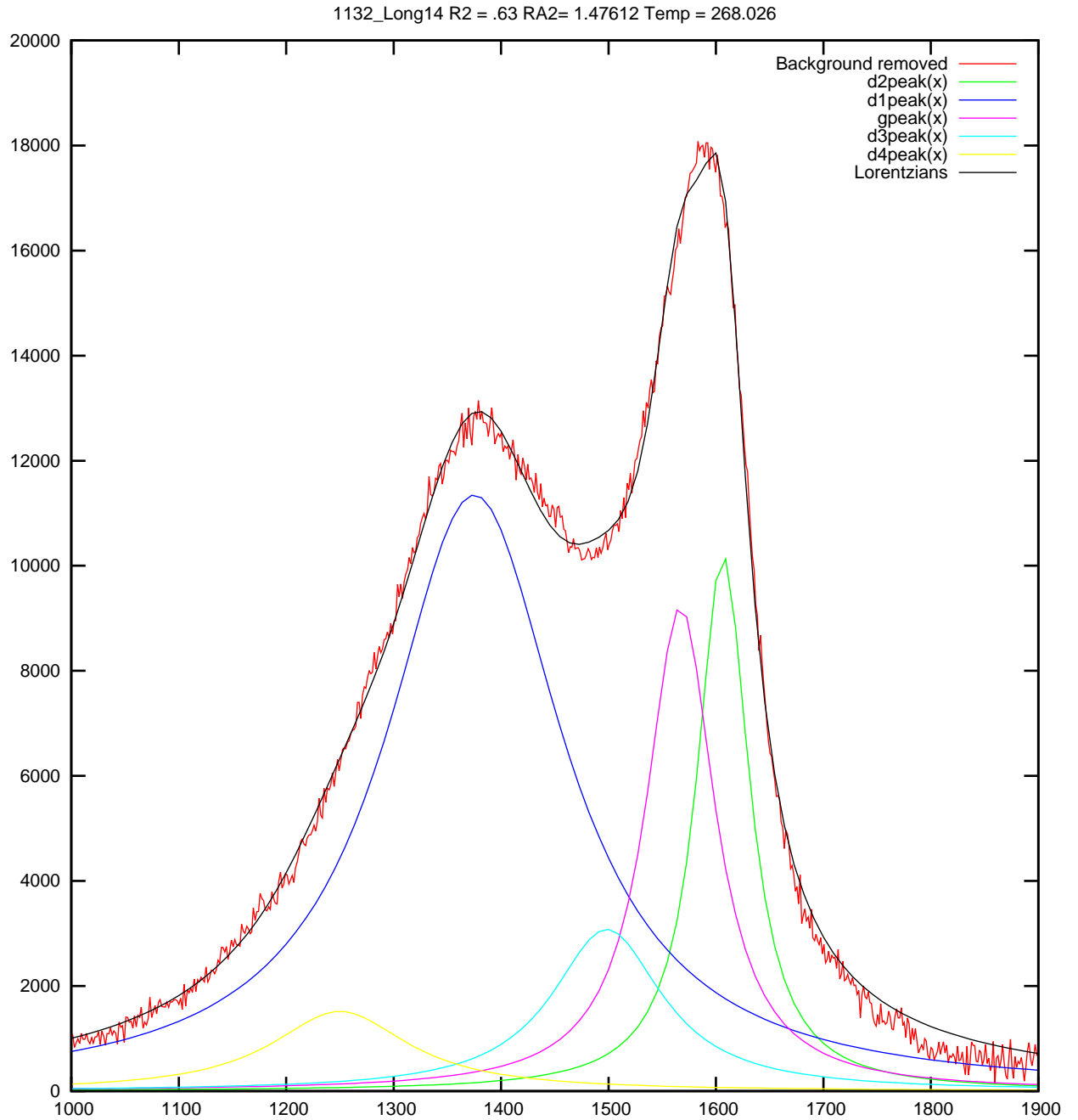
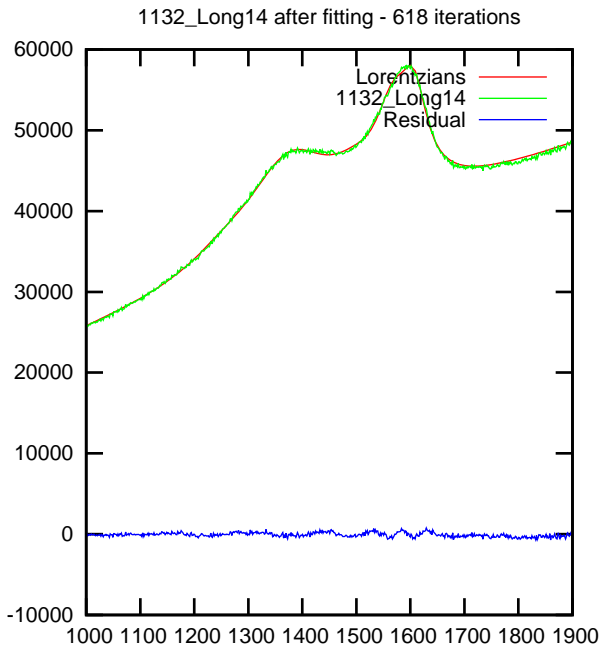
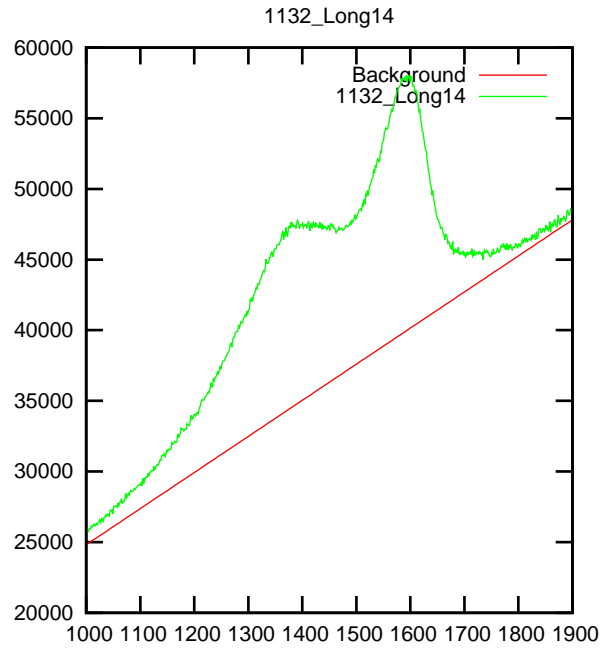


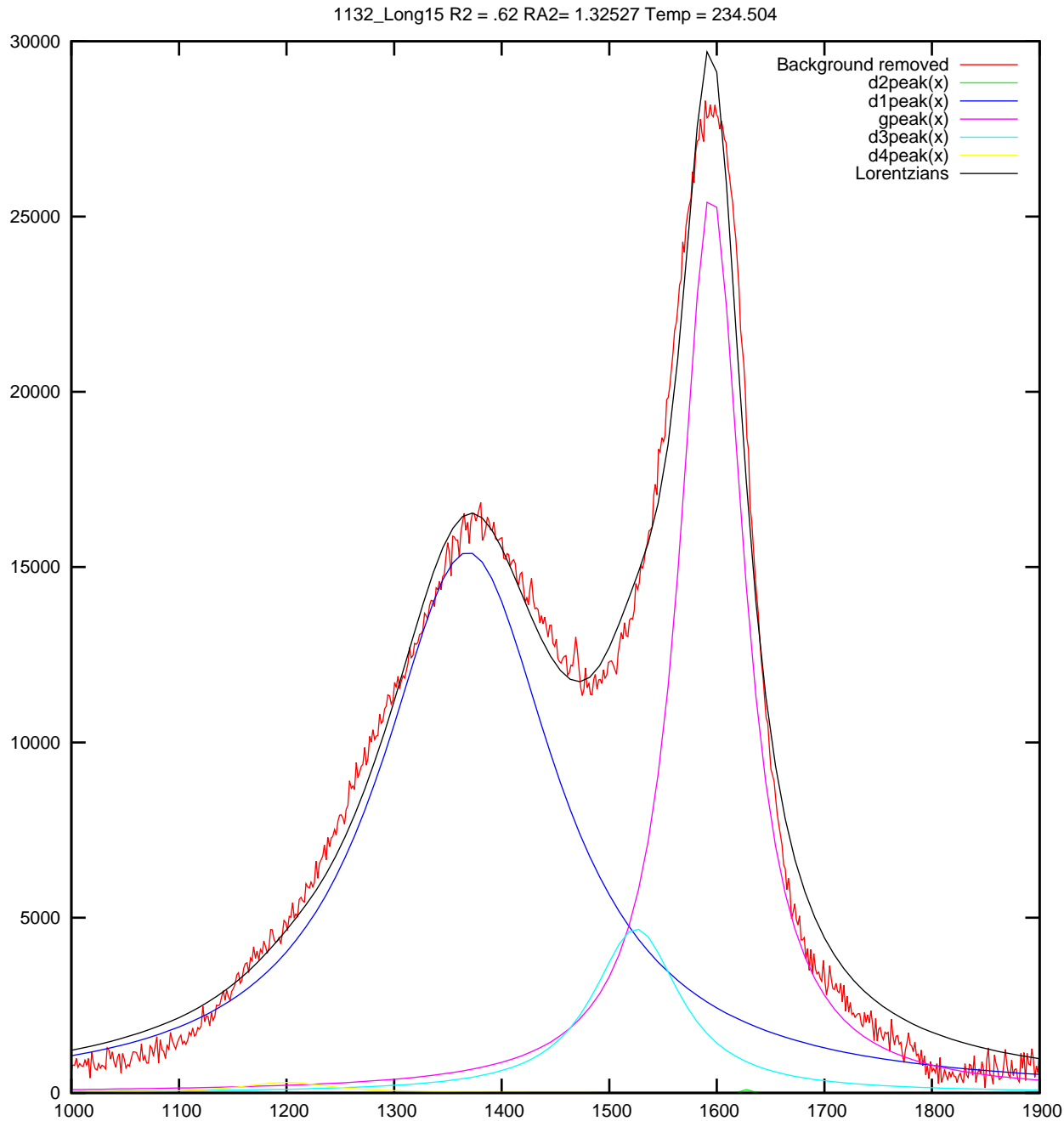
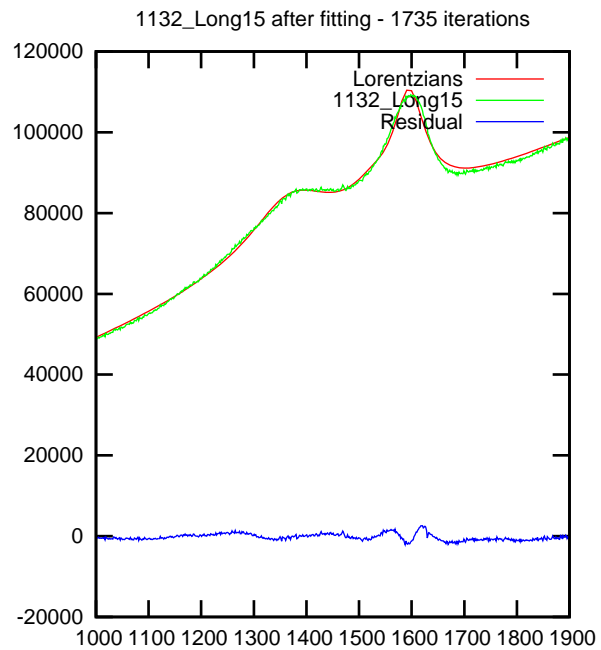
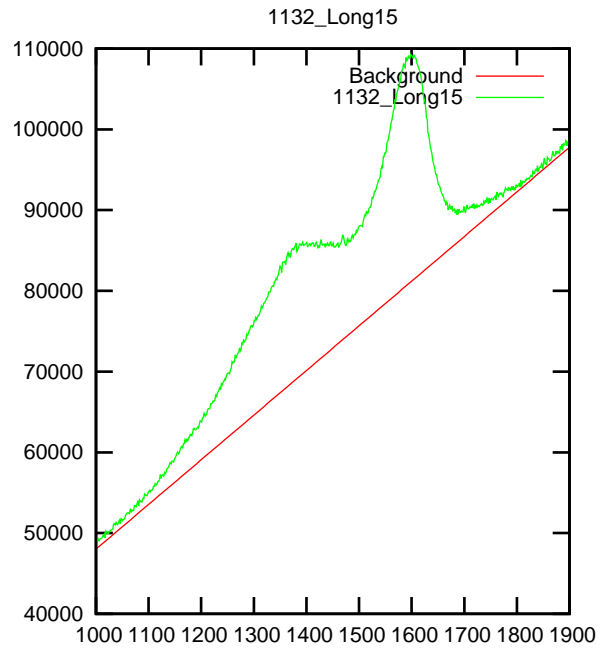


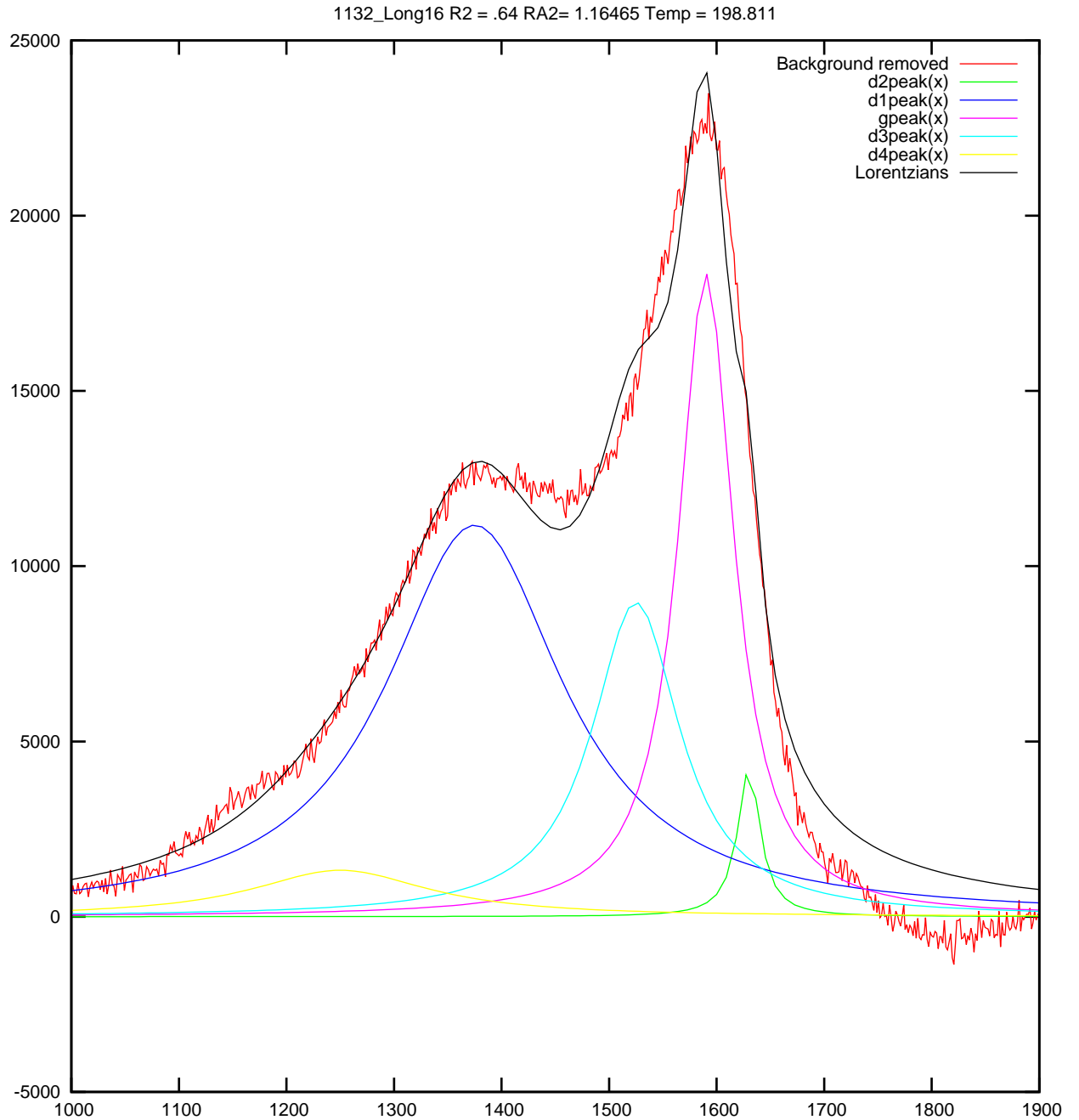
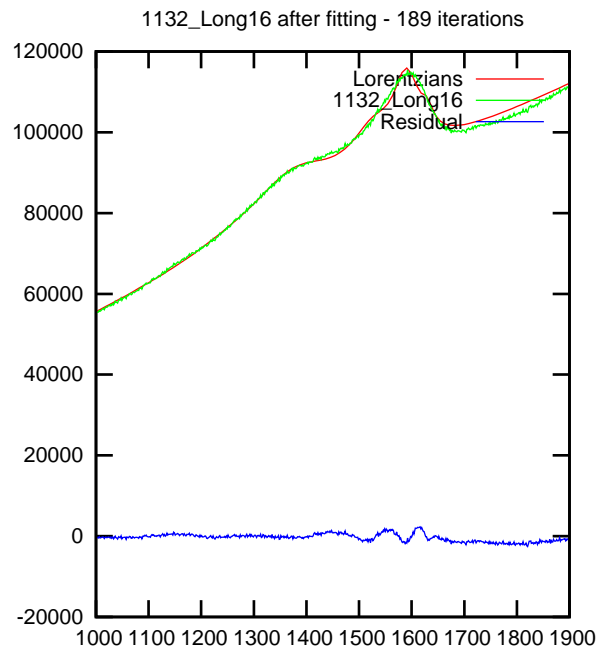
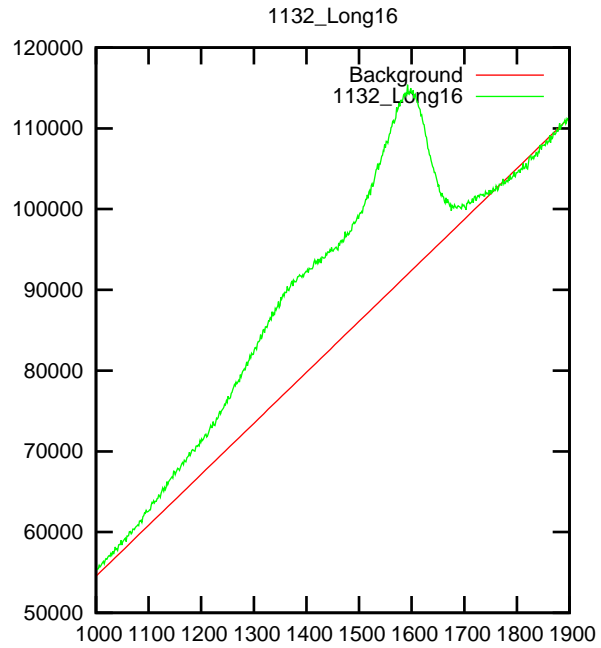


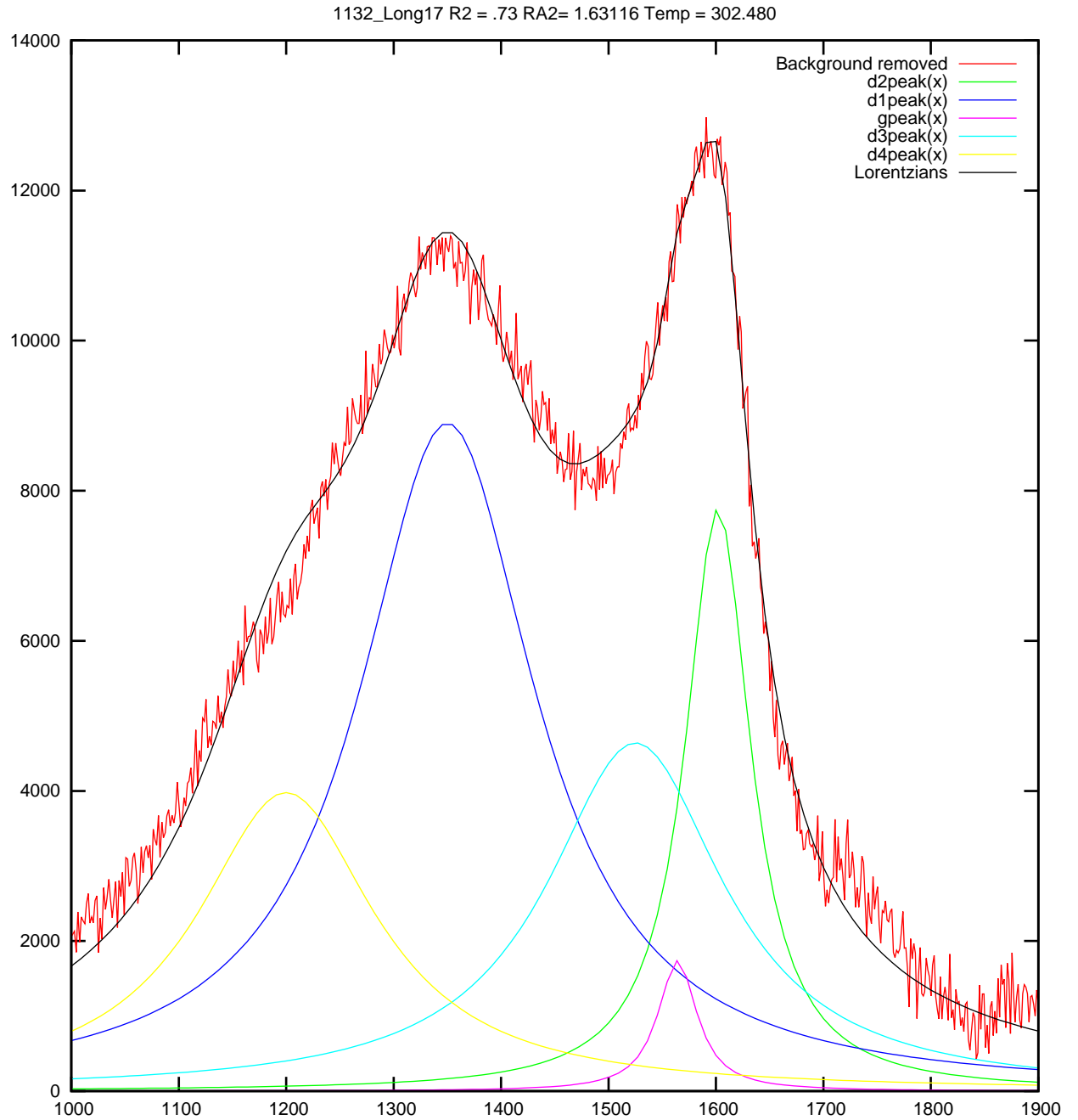
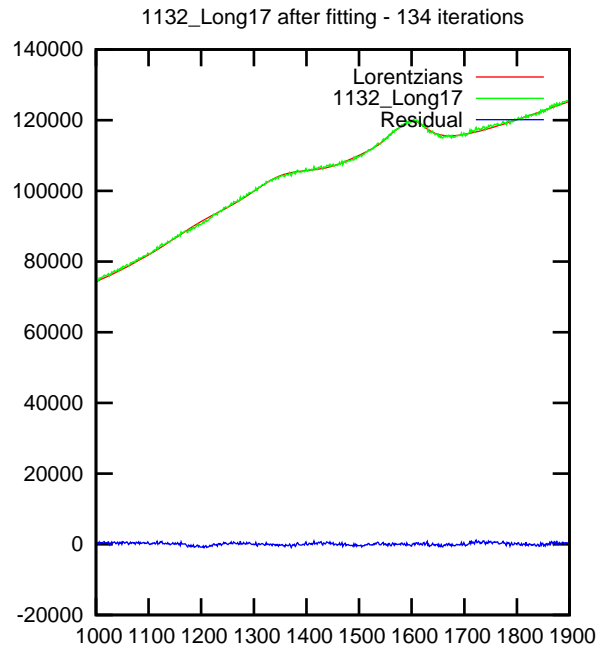
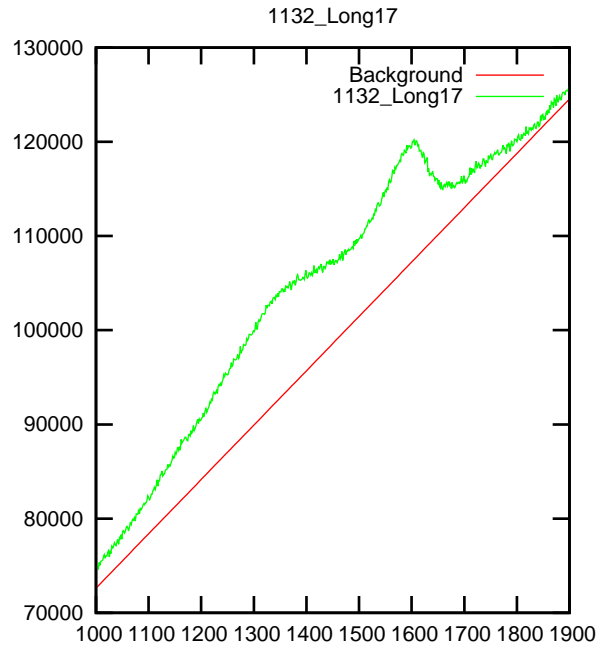
1132_Long129 = Noisy

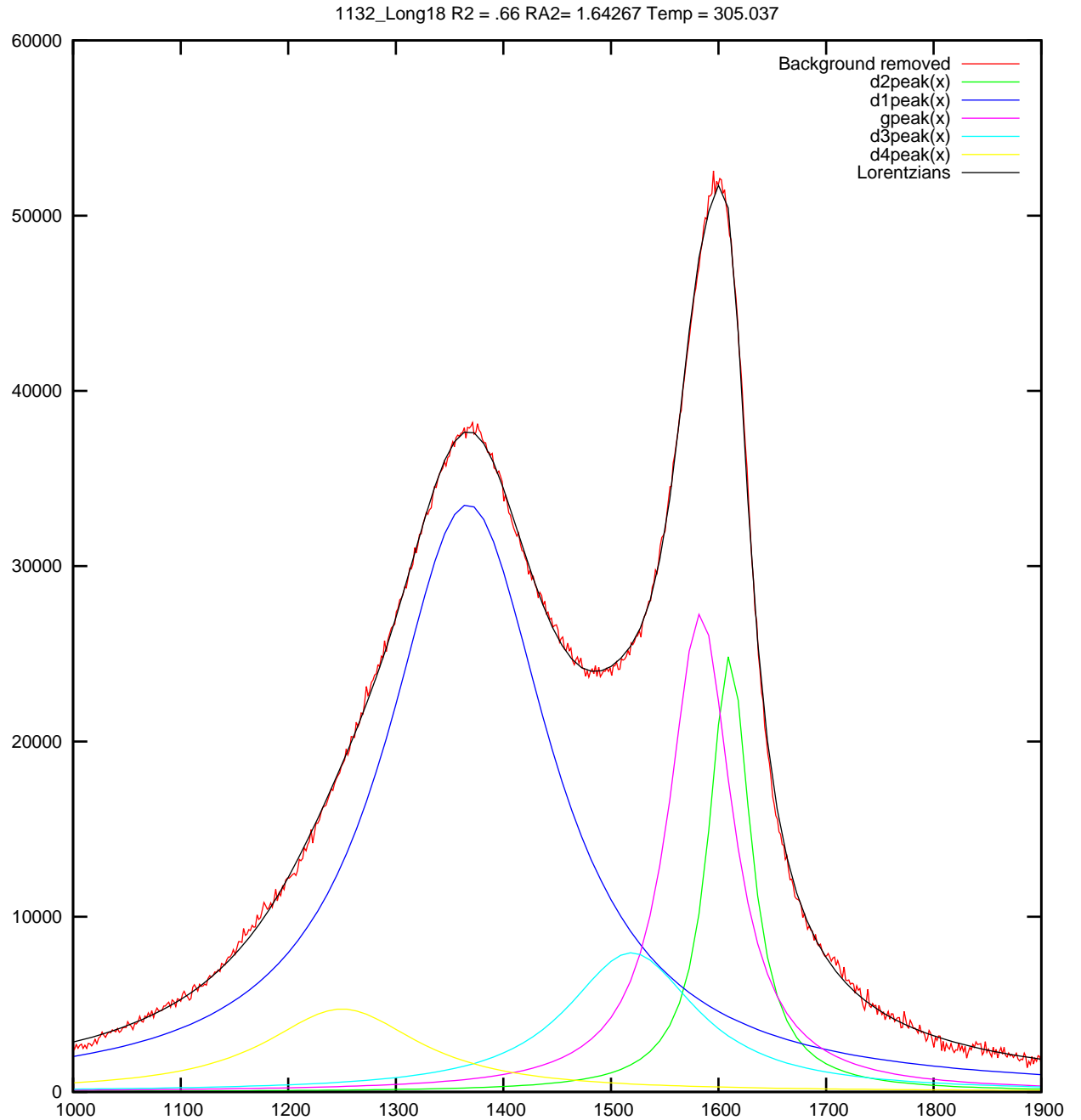
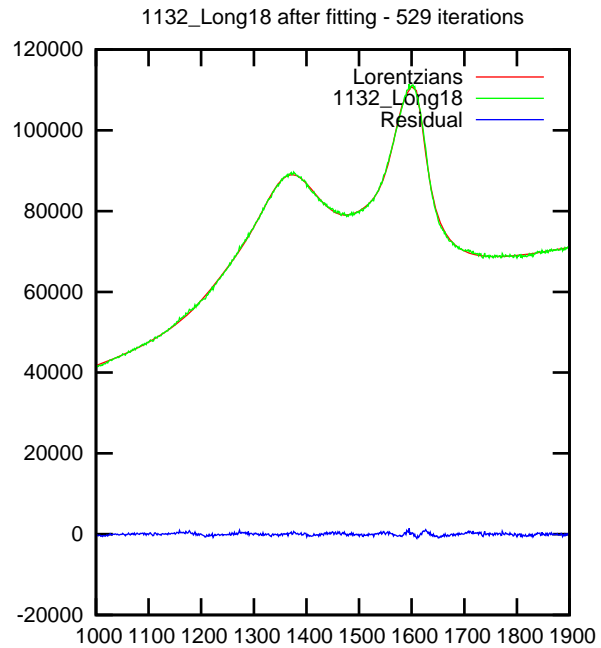
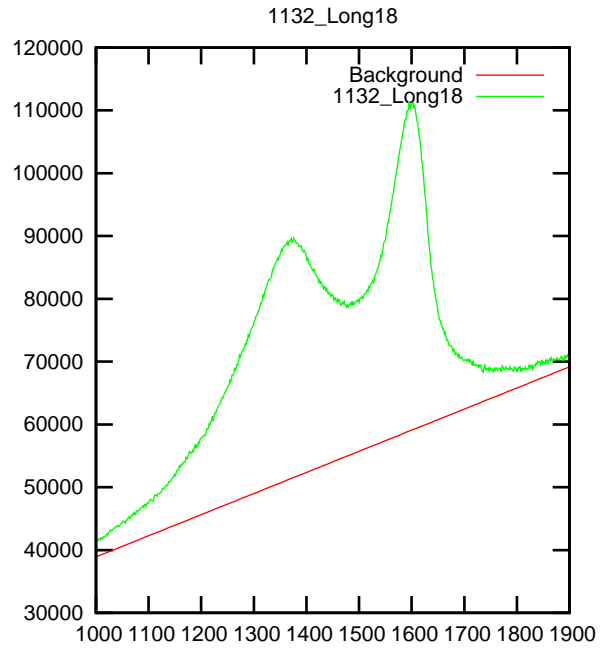


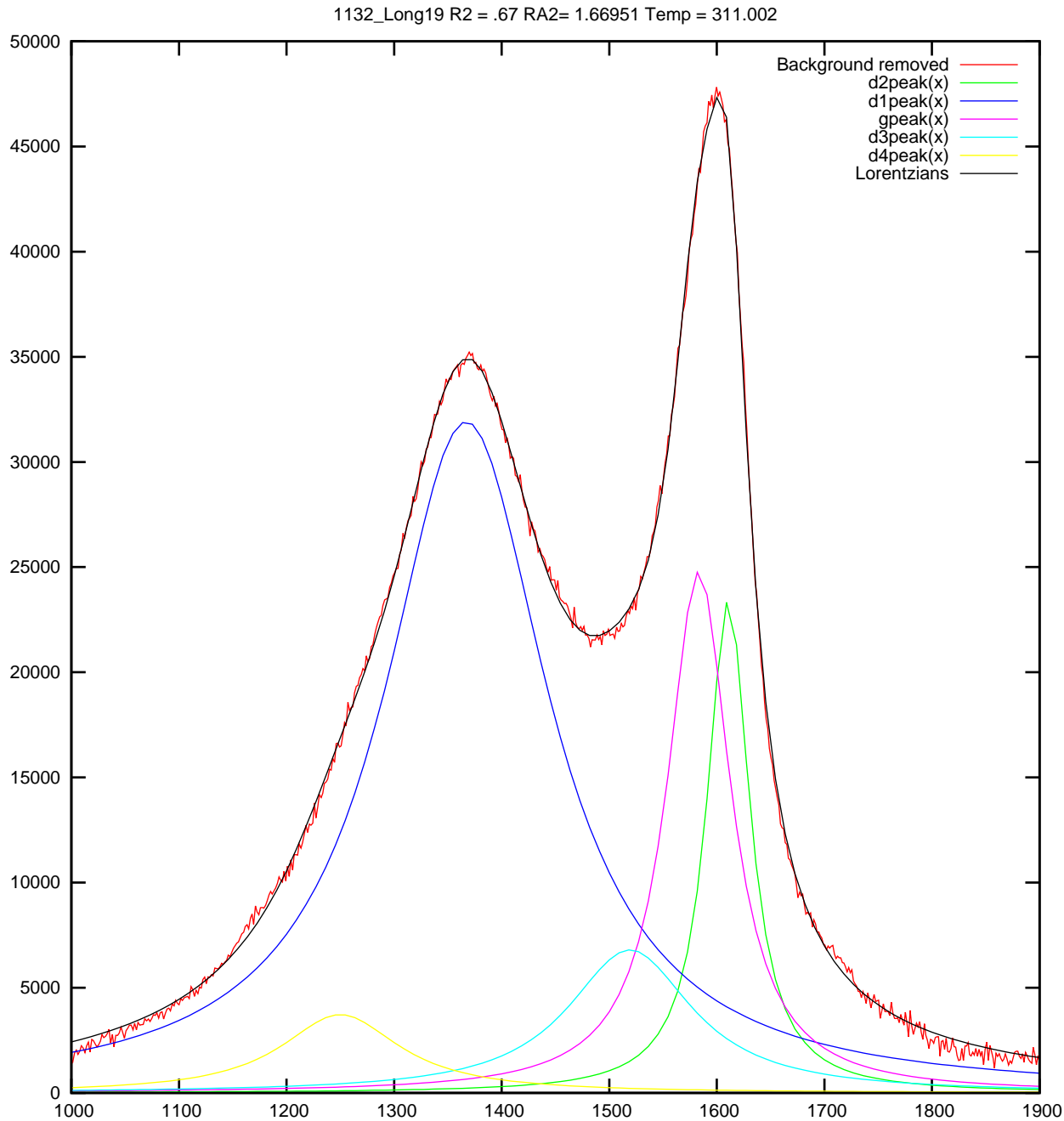
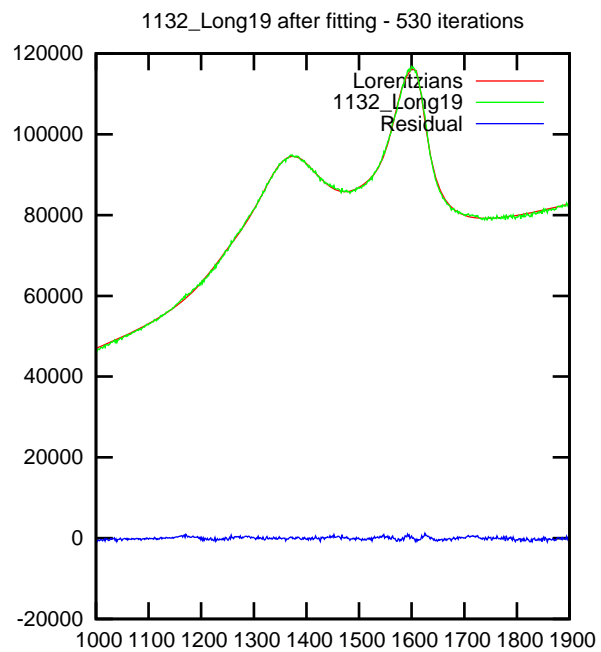
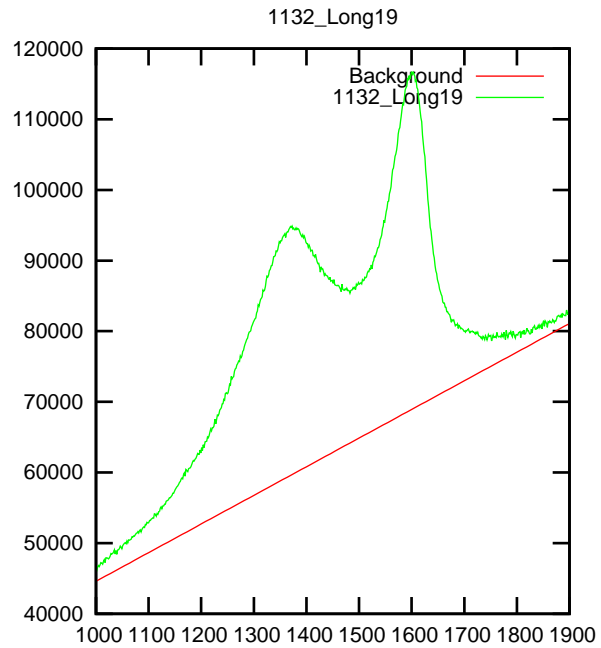




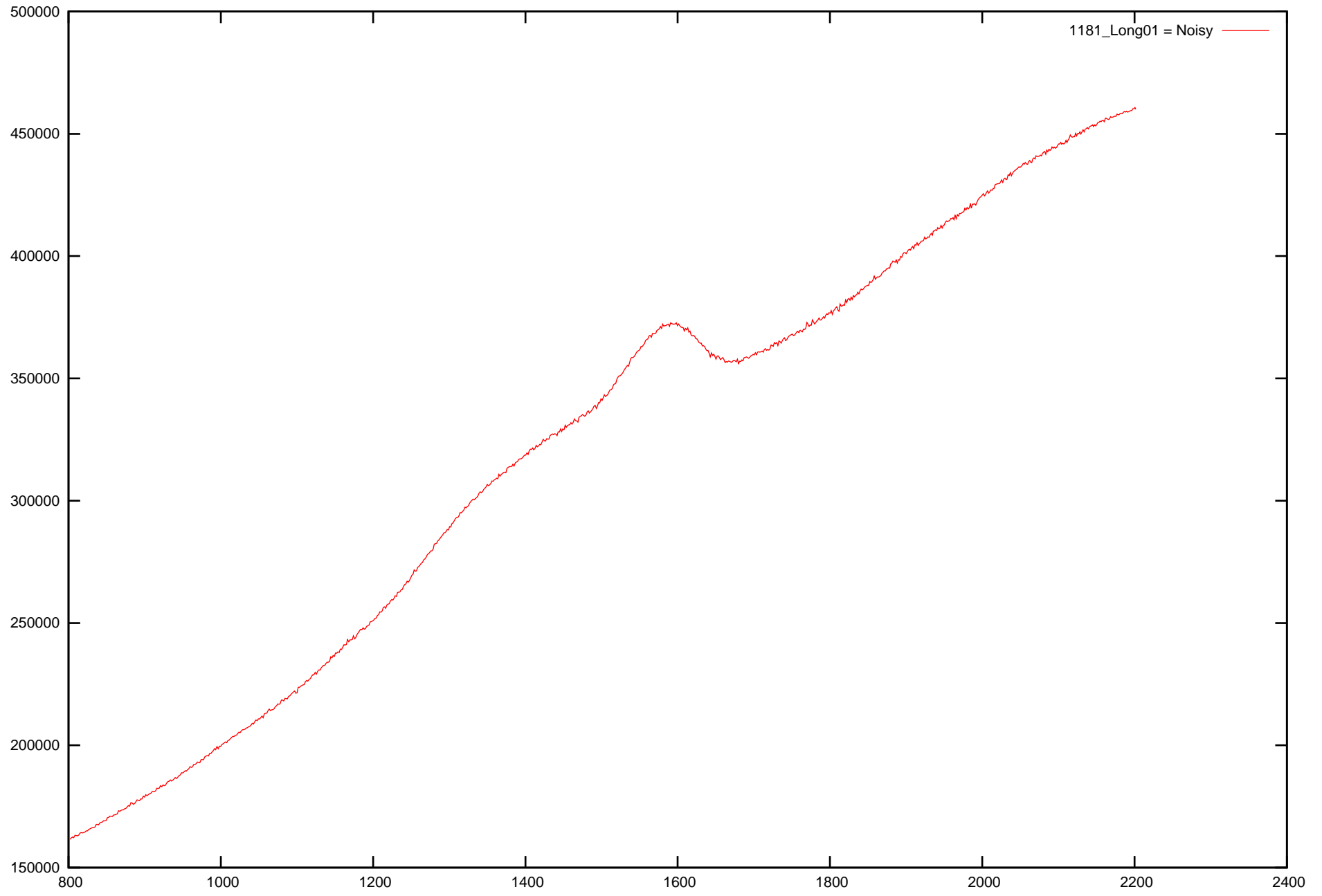


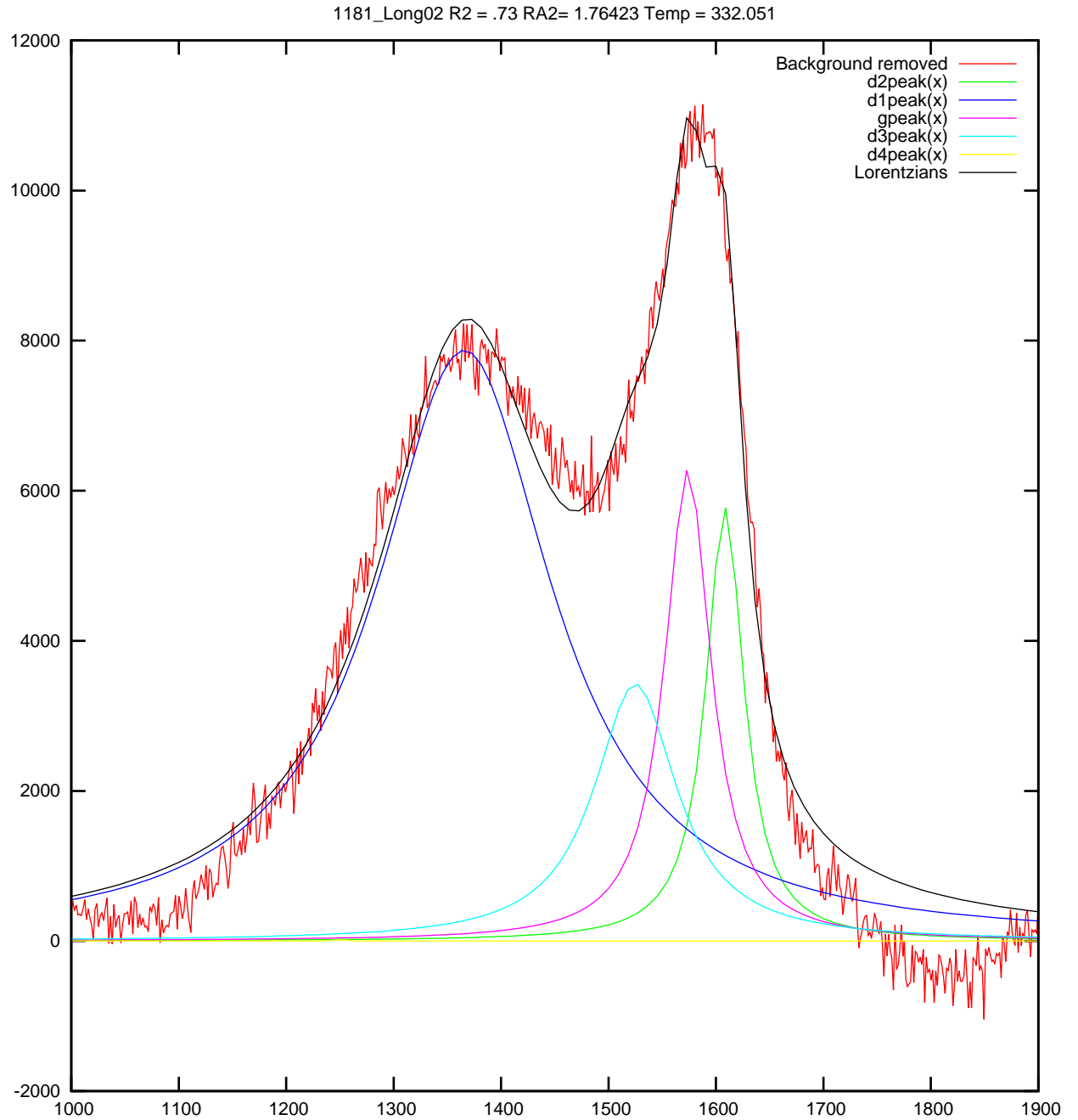
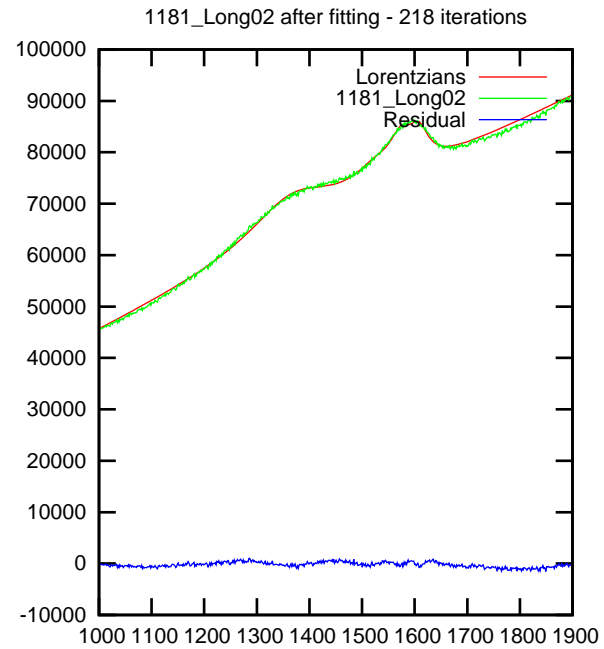
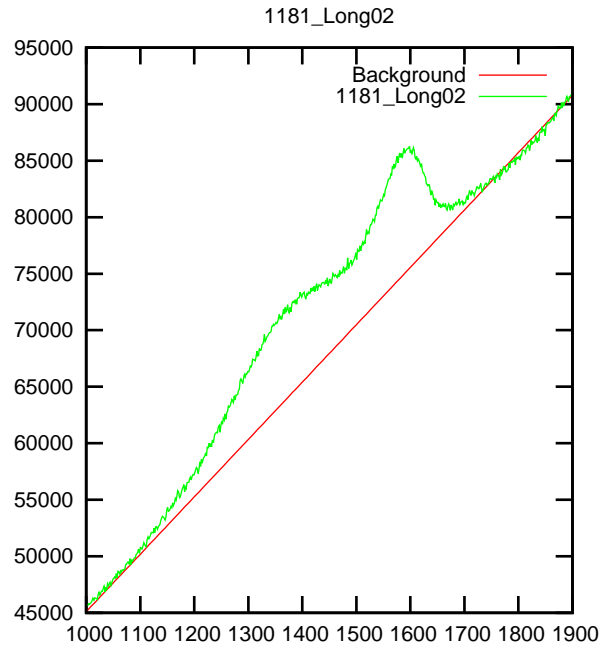


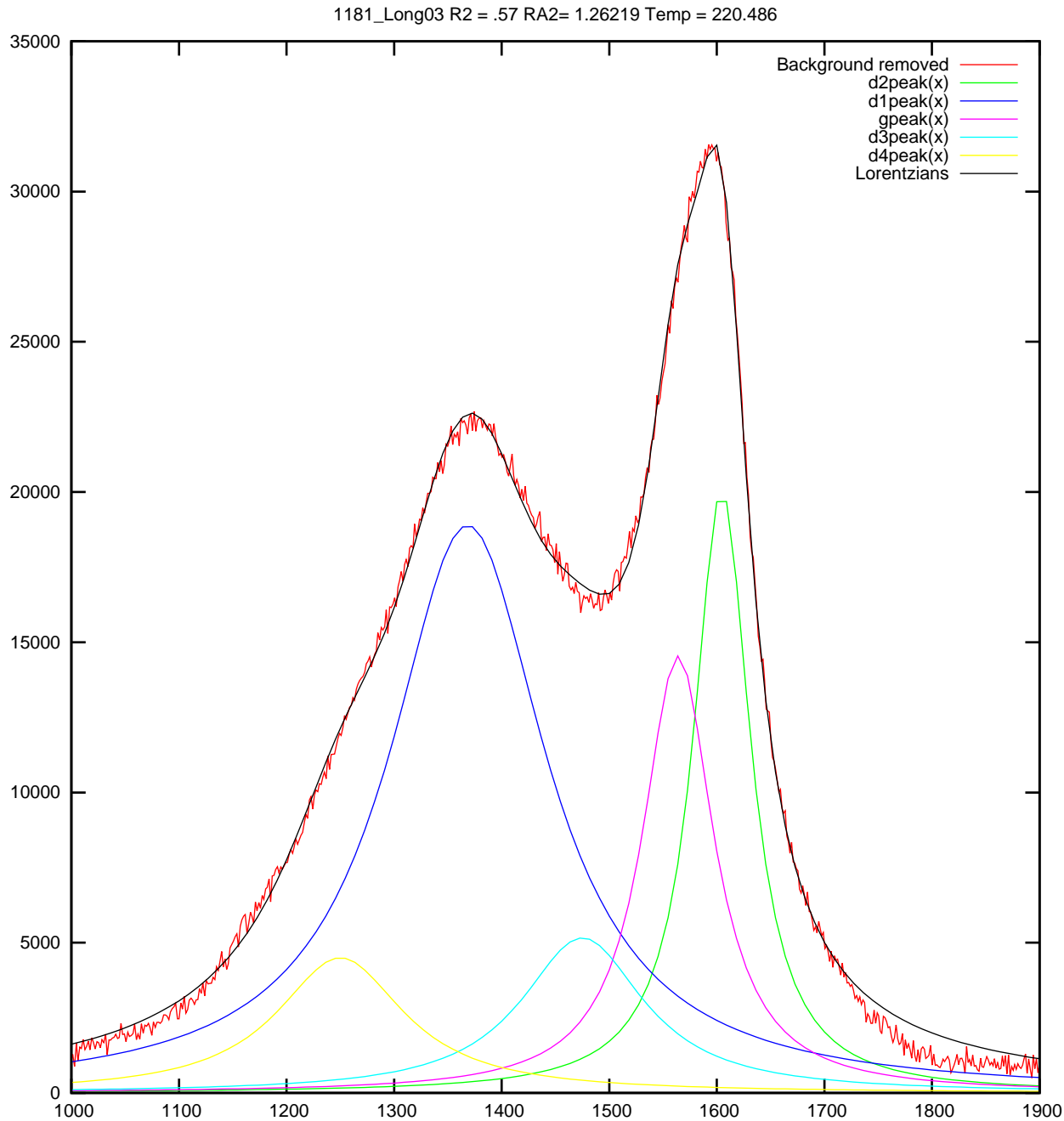
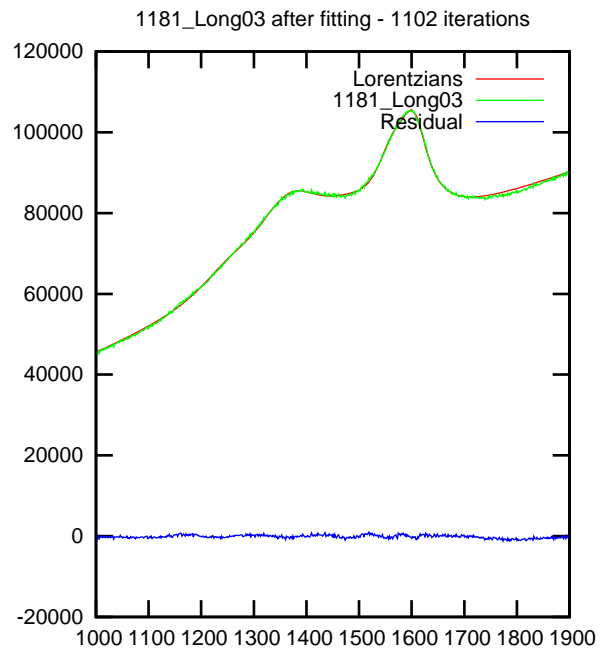
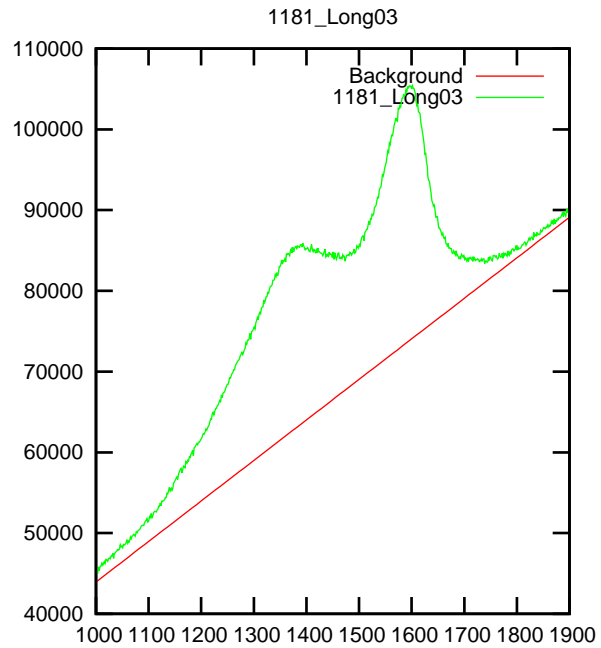


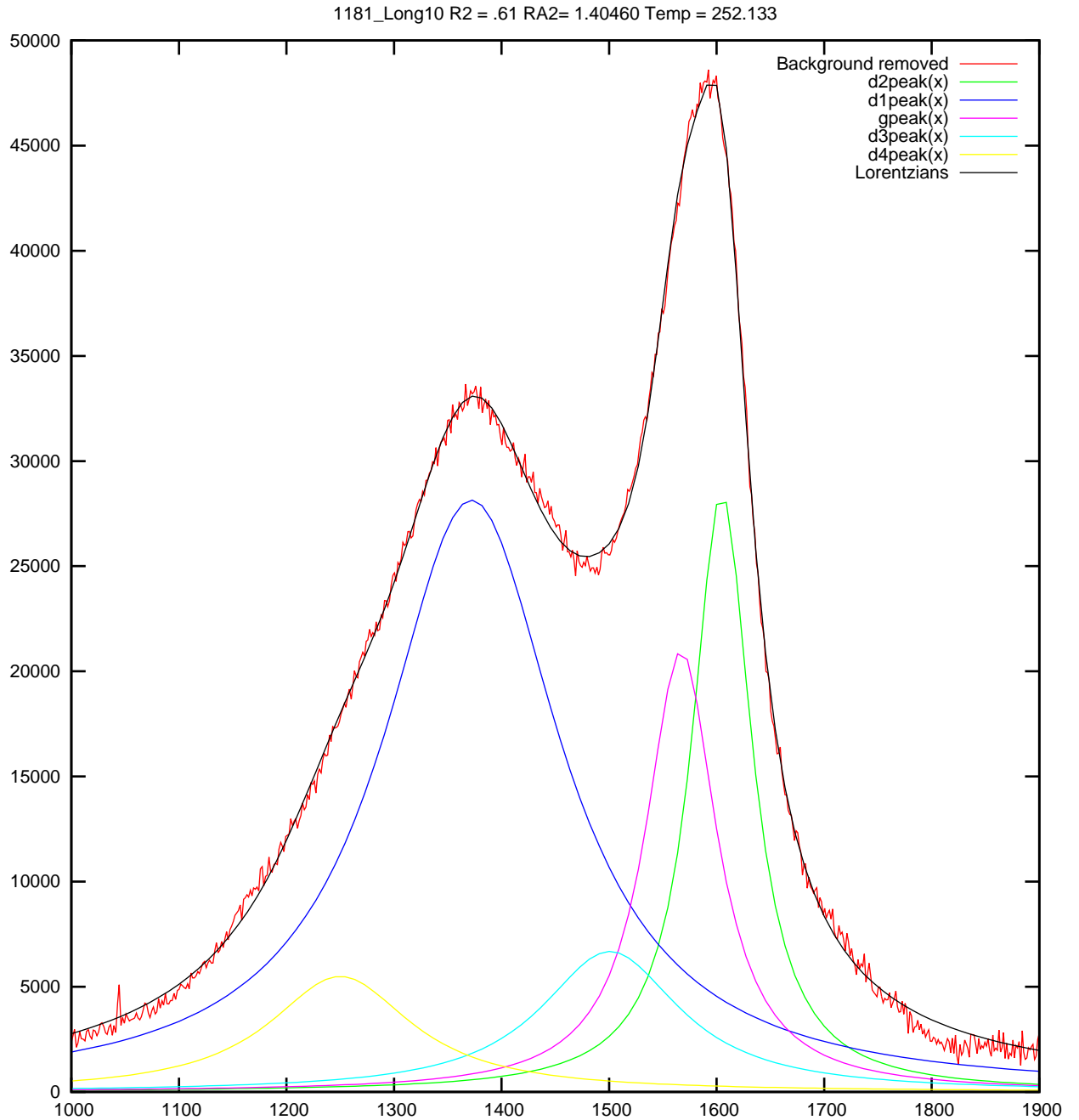
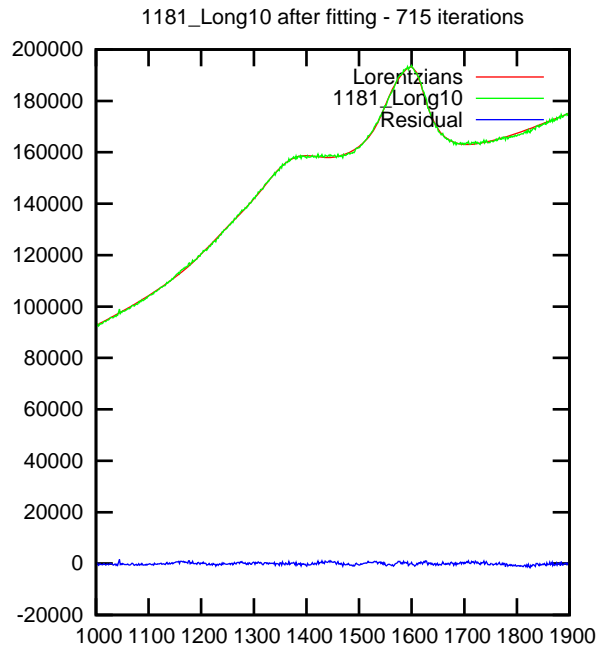
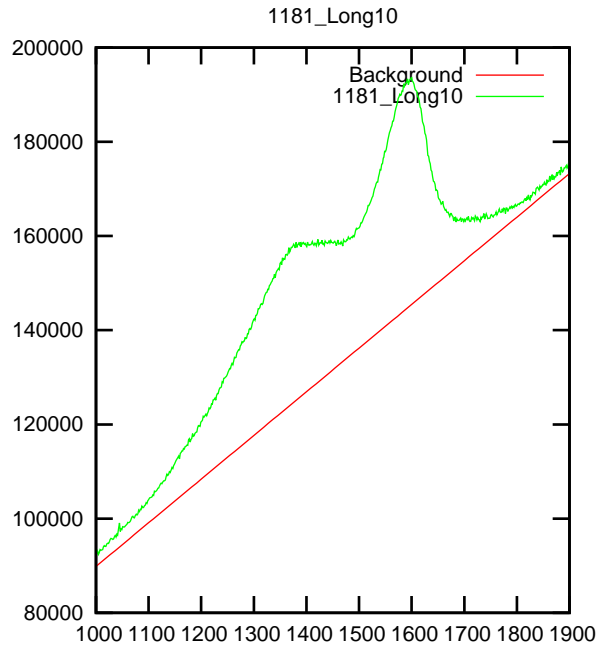


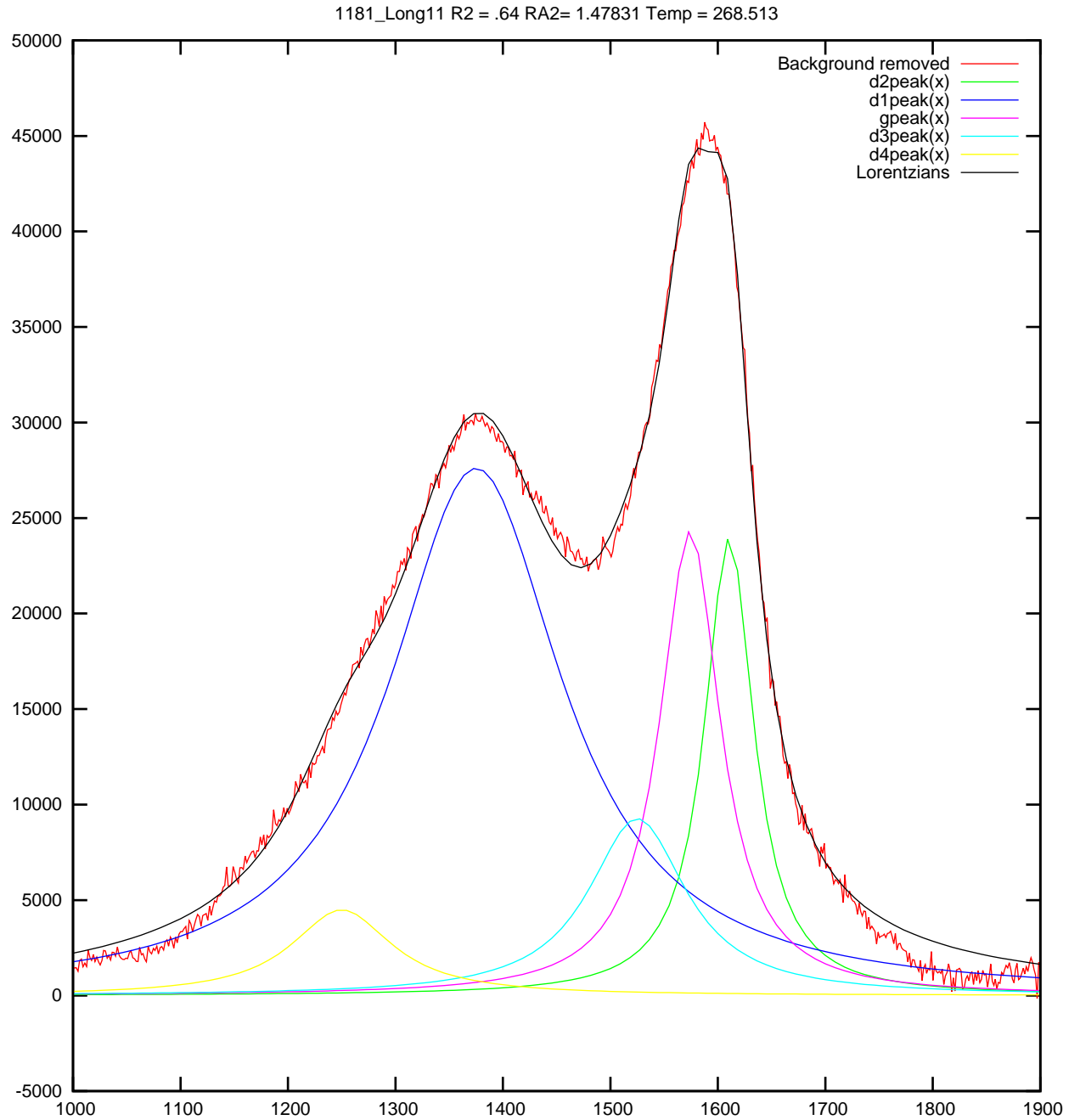
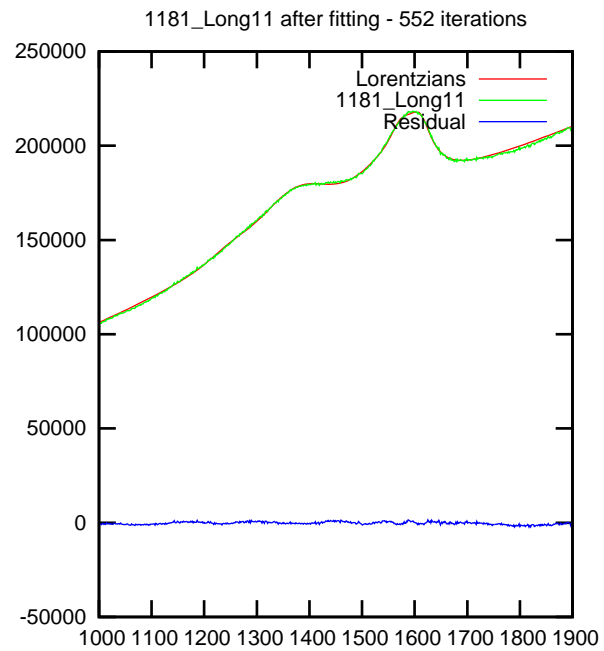
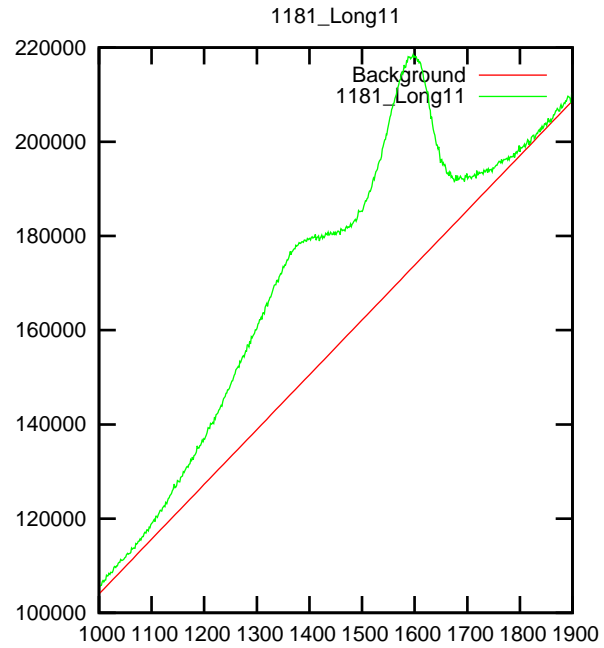
1181_Long01 = Noisy

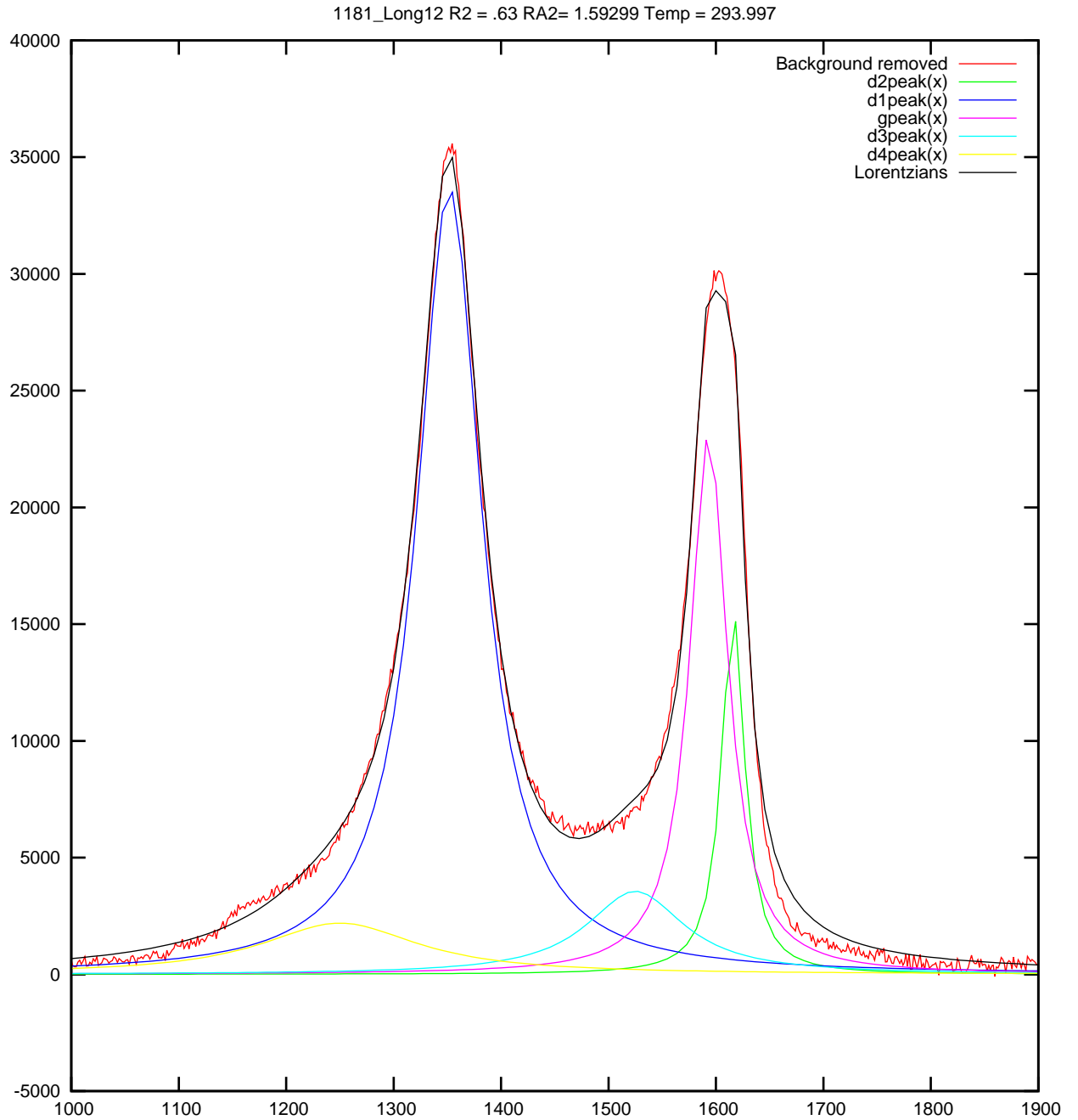
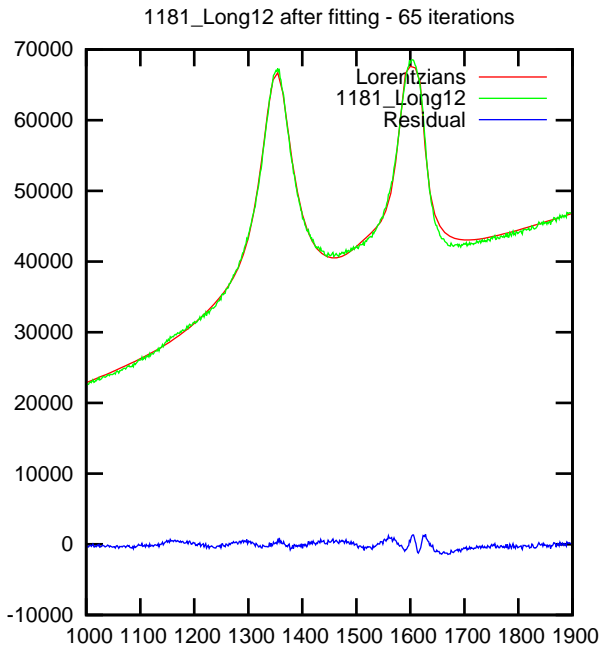
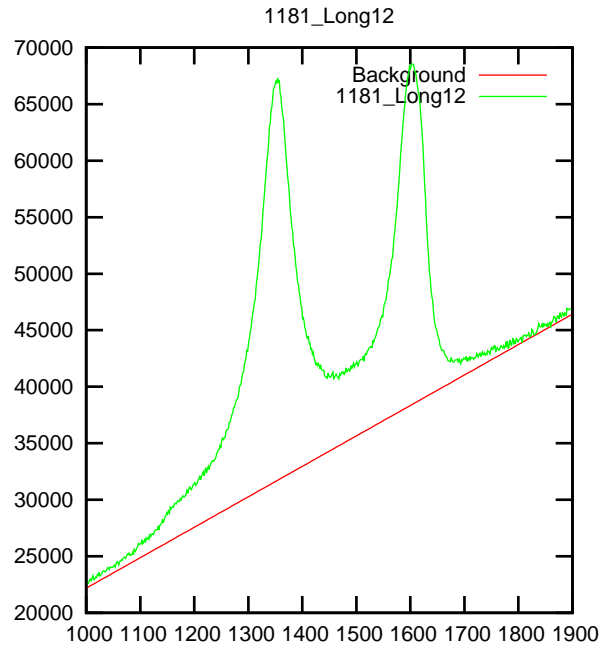


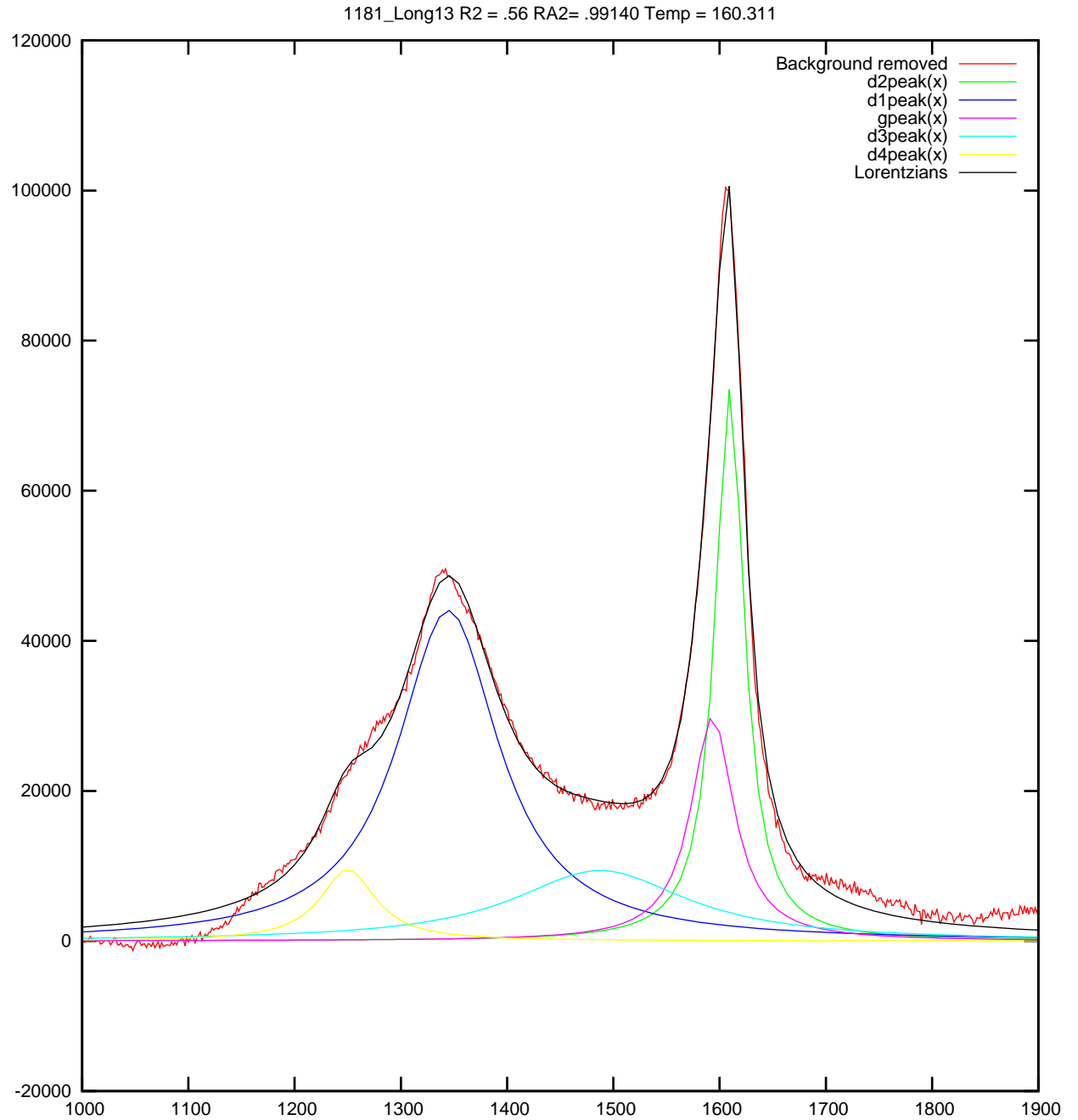
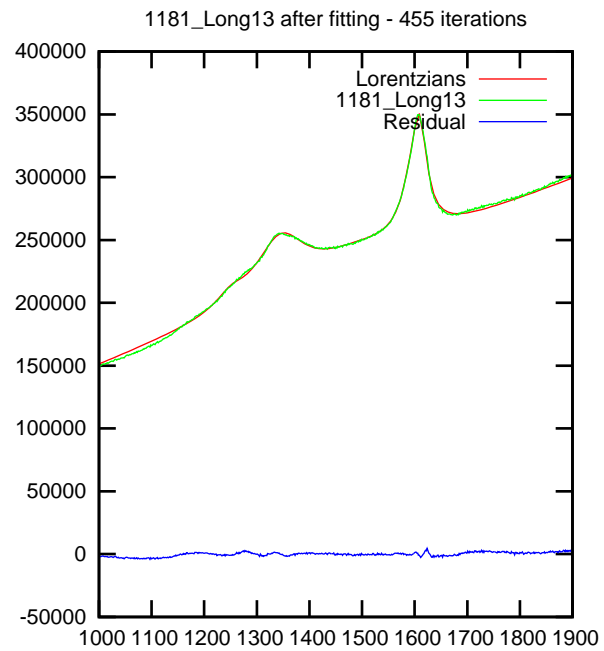
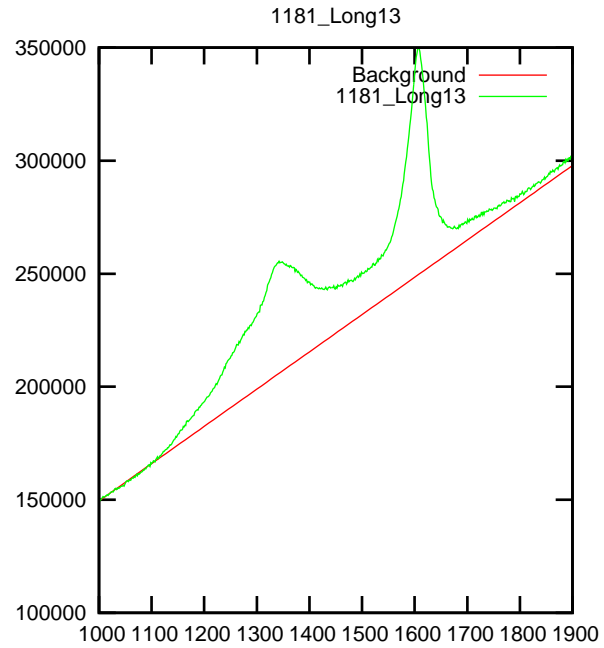


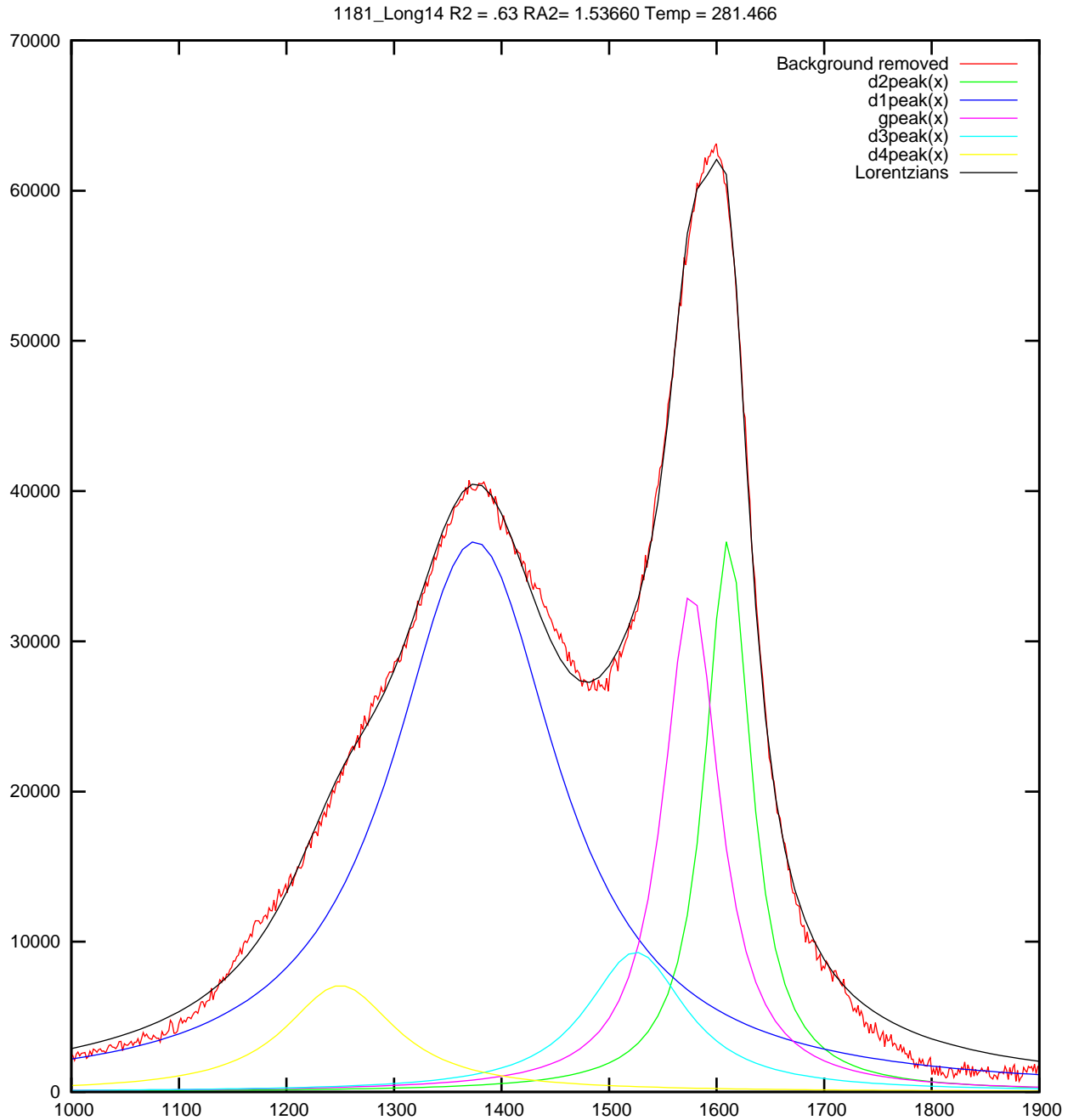
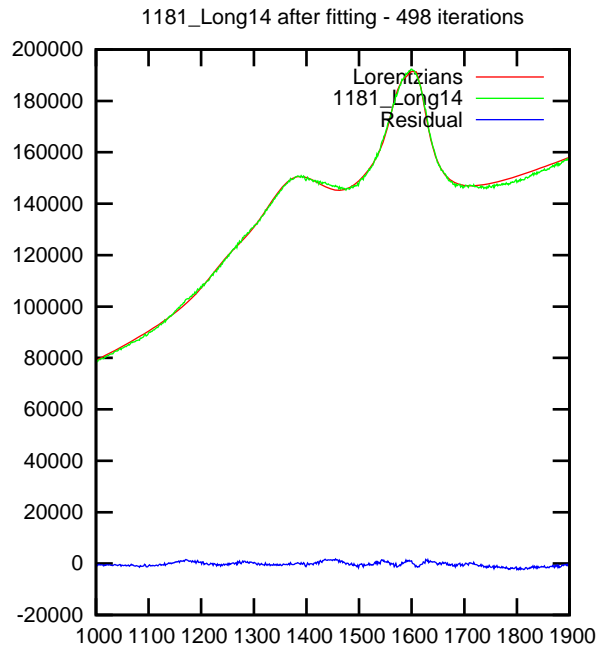
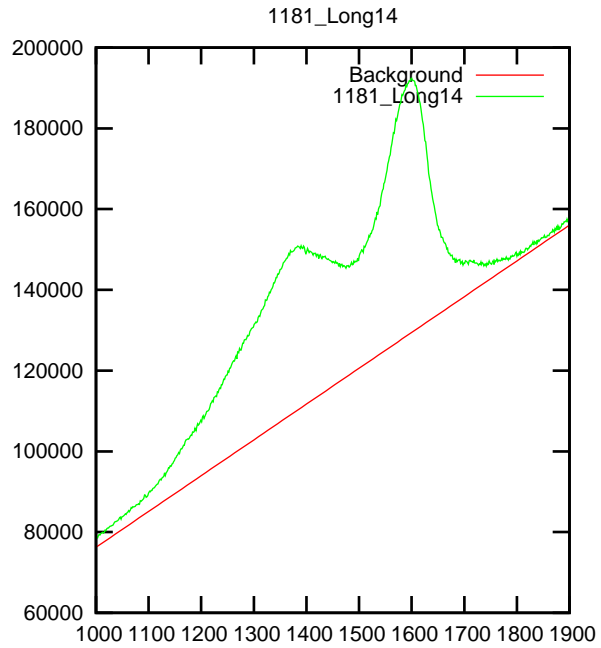


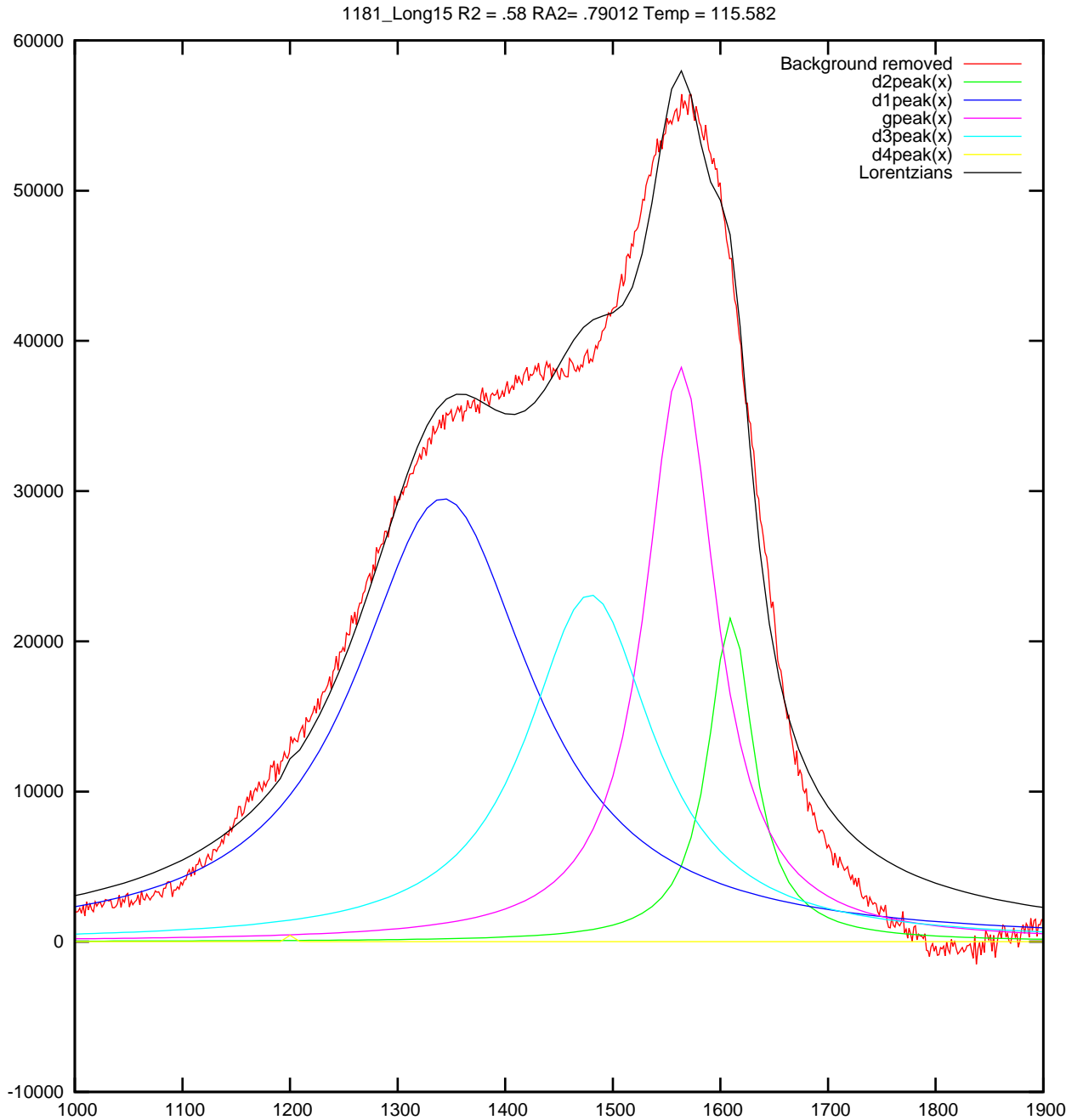
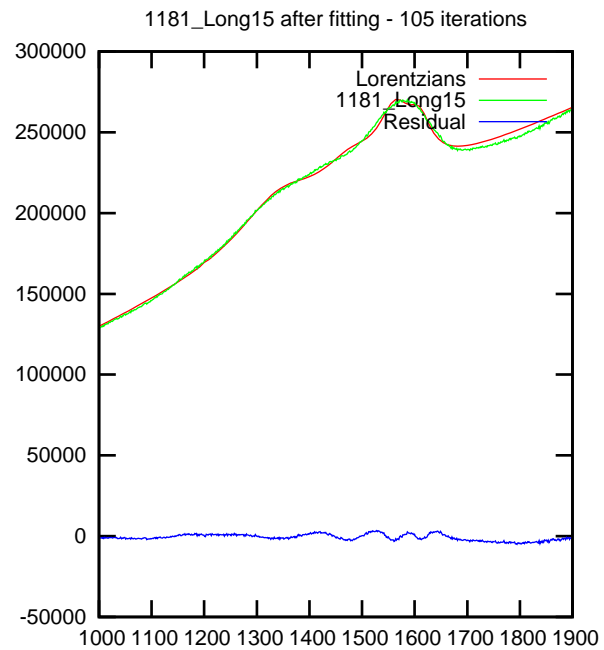
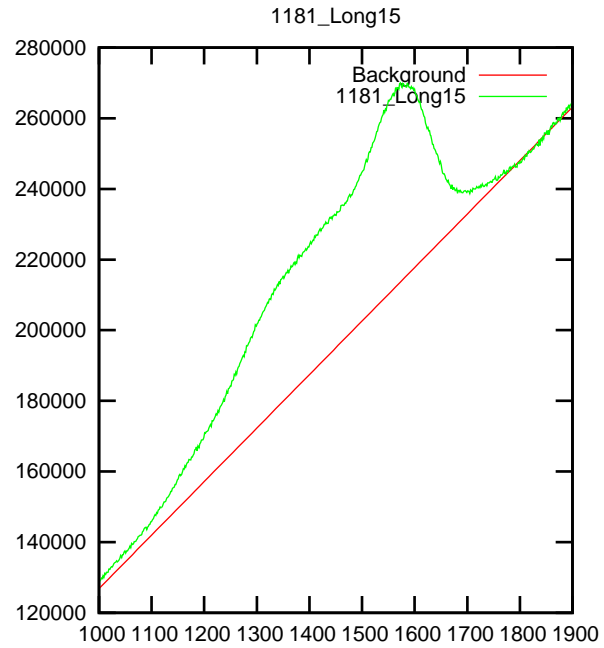


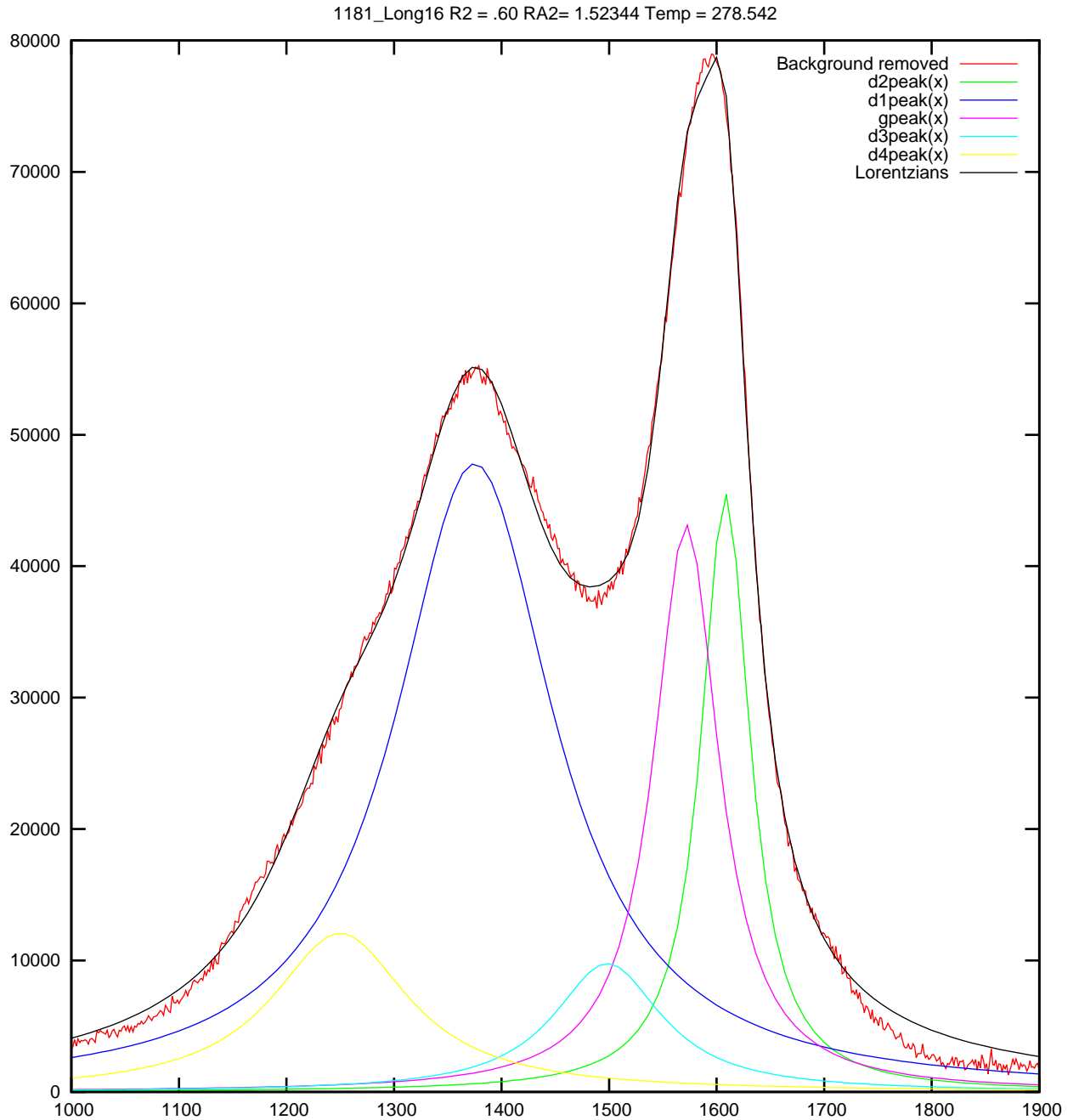
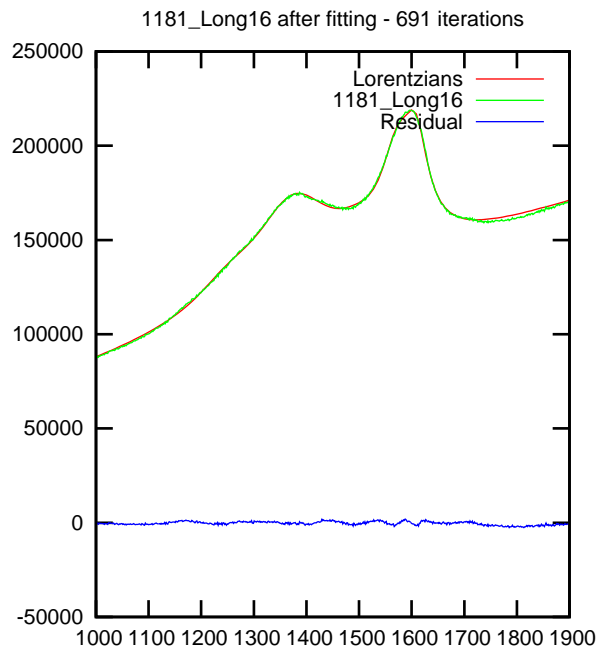
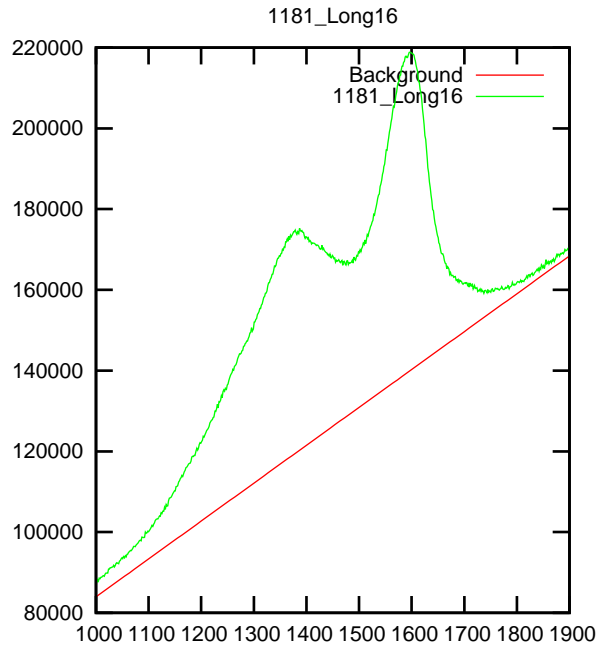


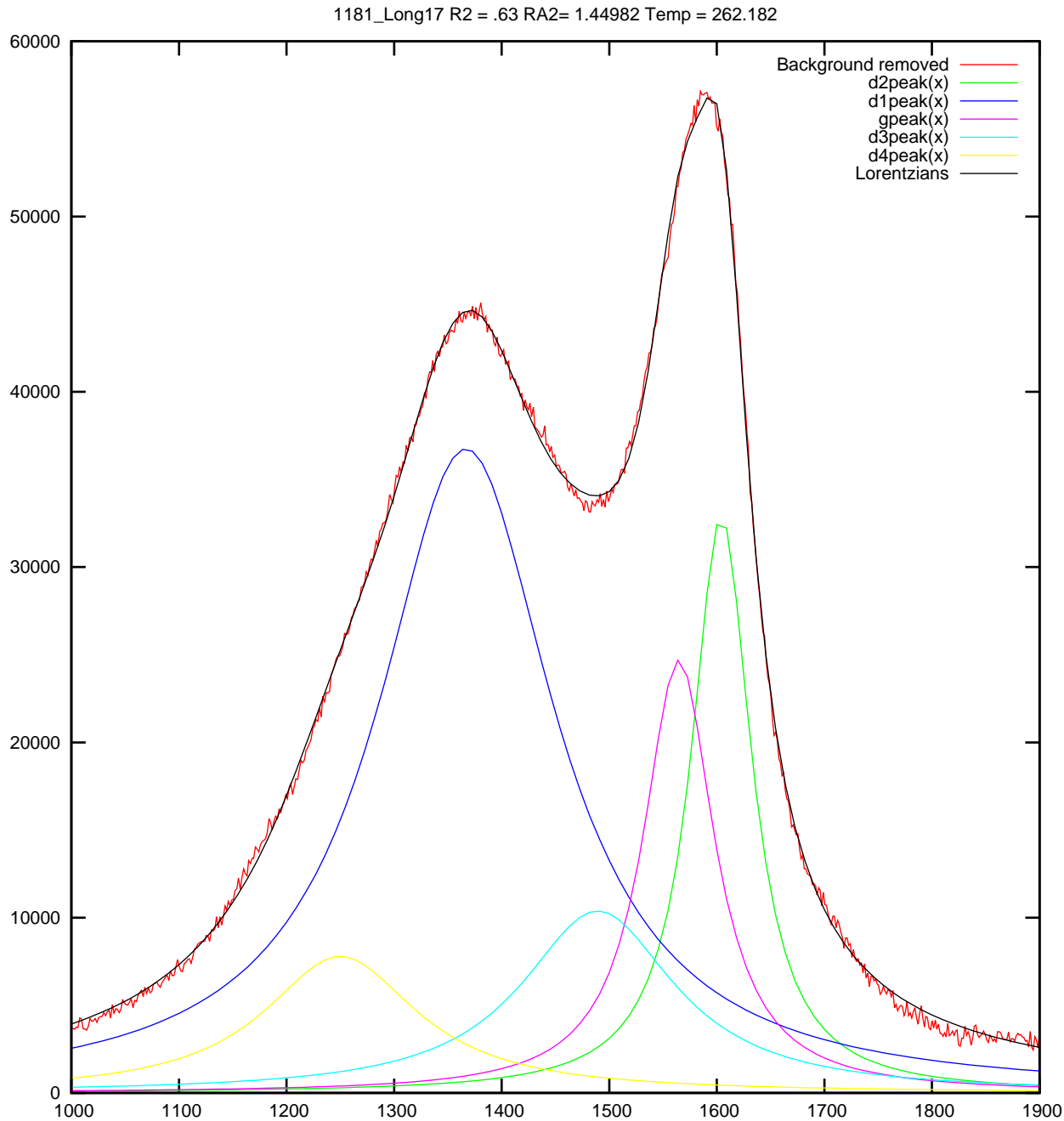
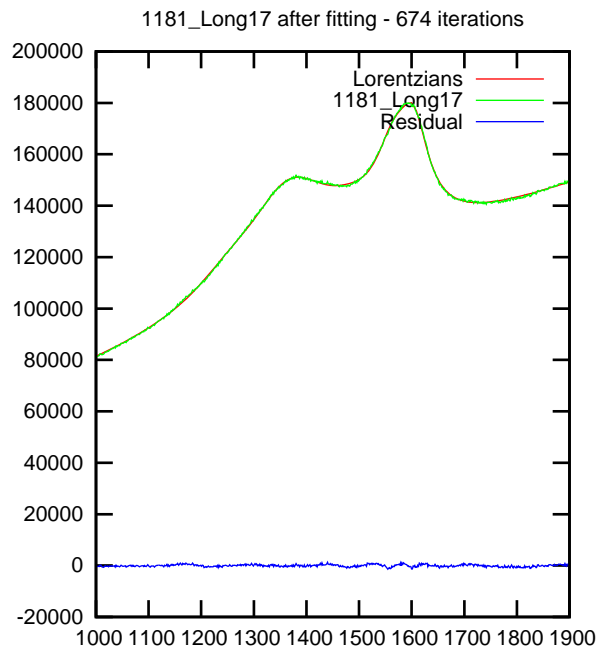
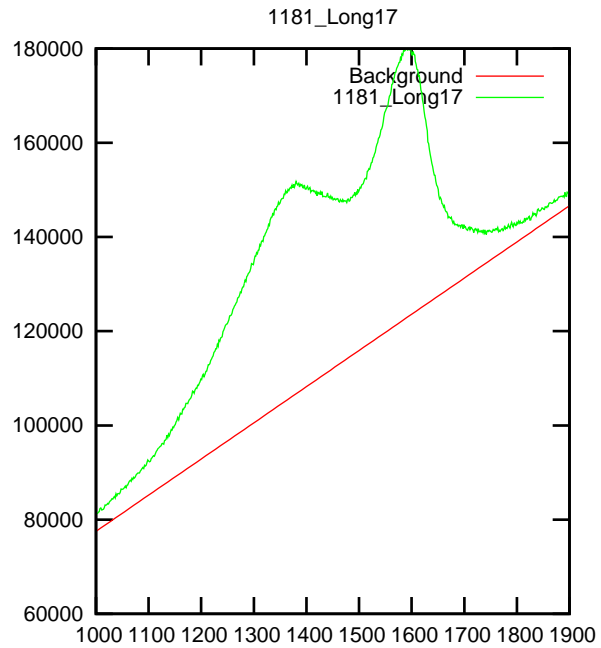


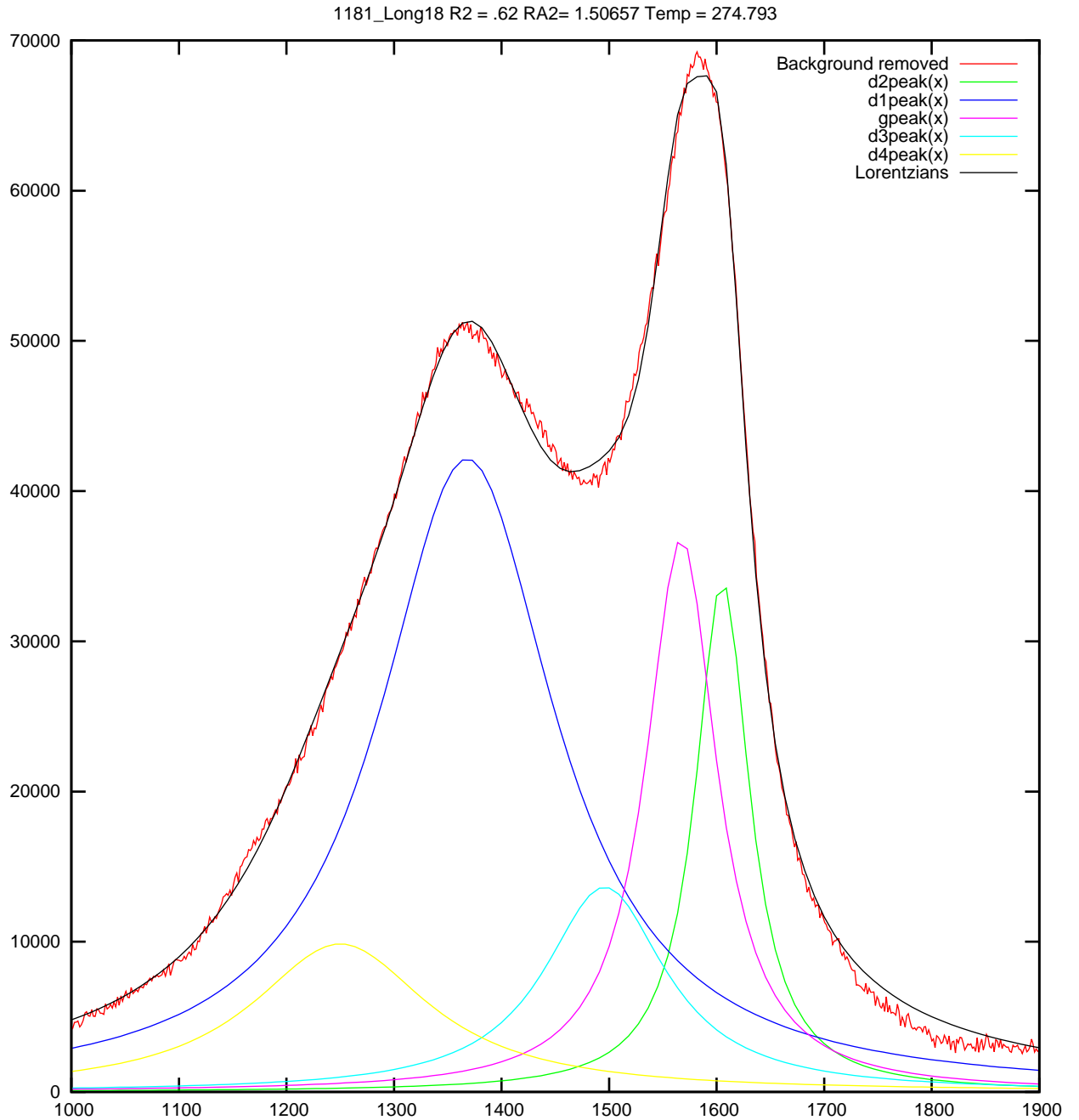
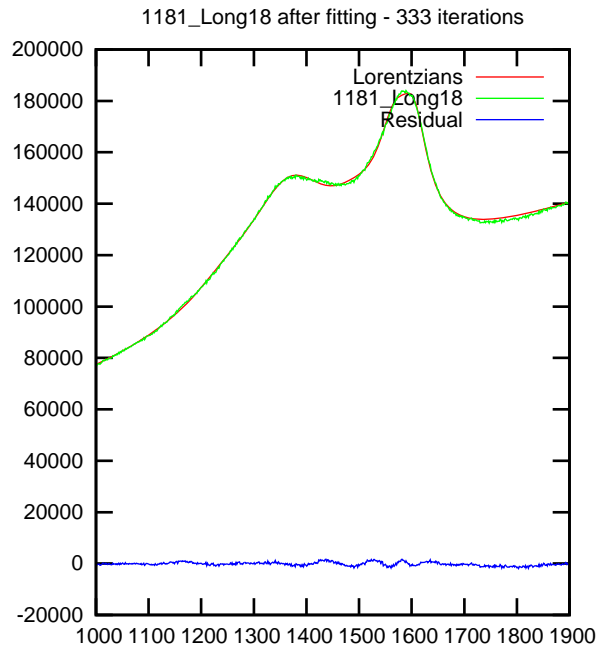
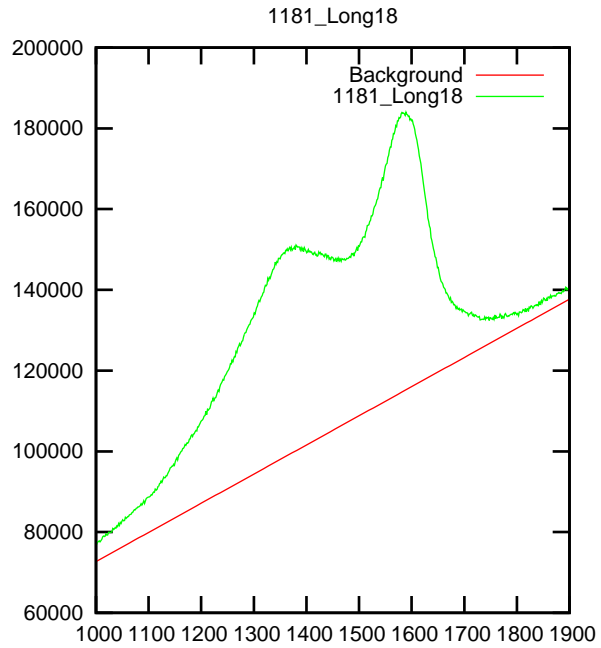


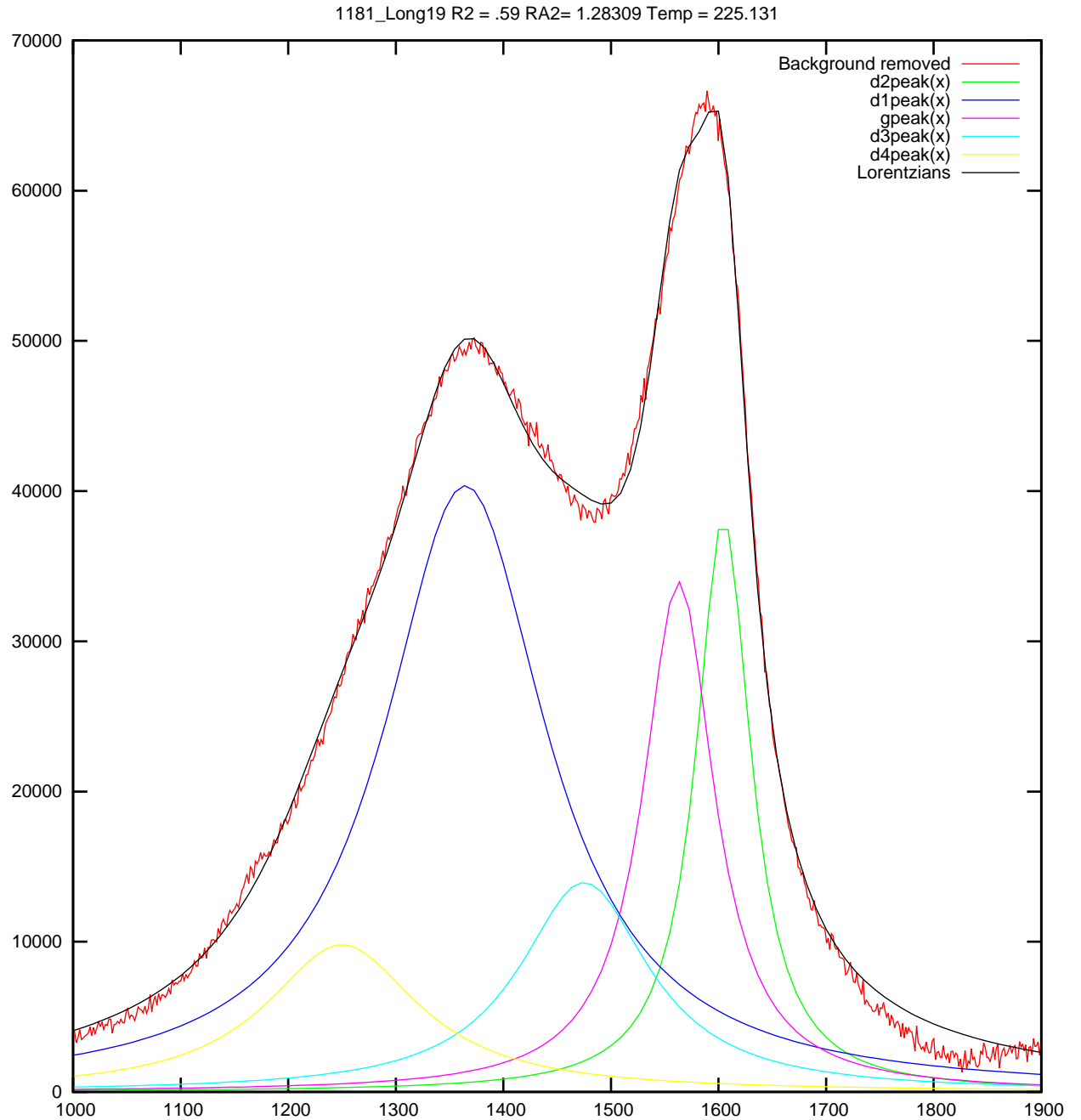
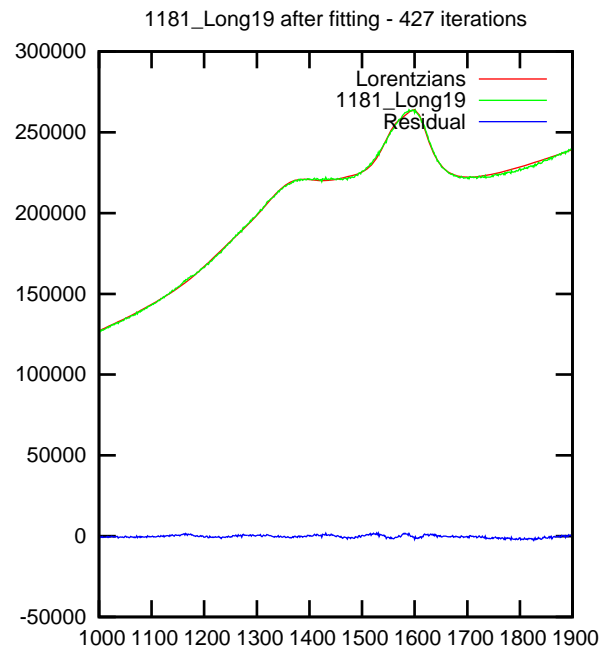
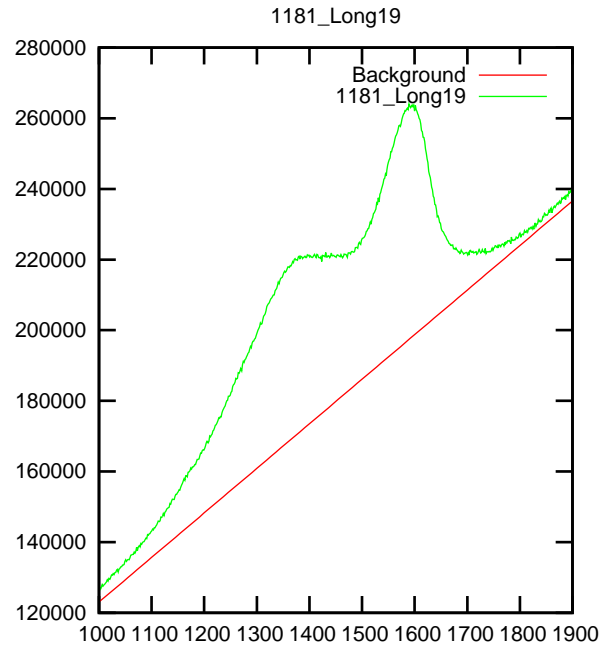


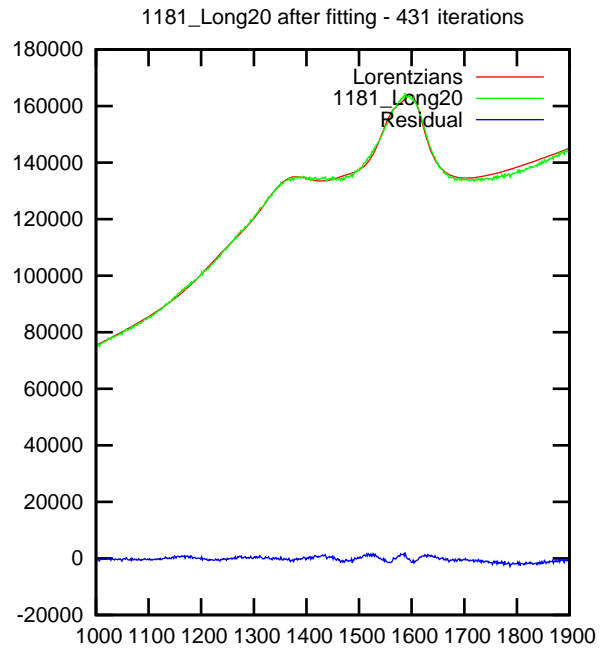
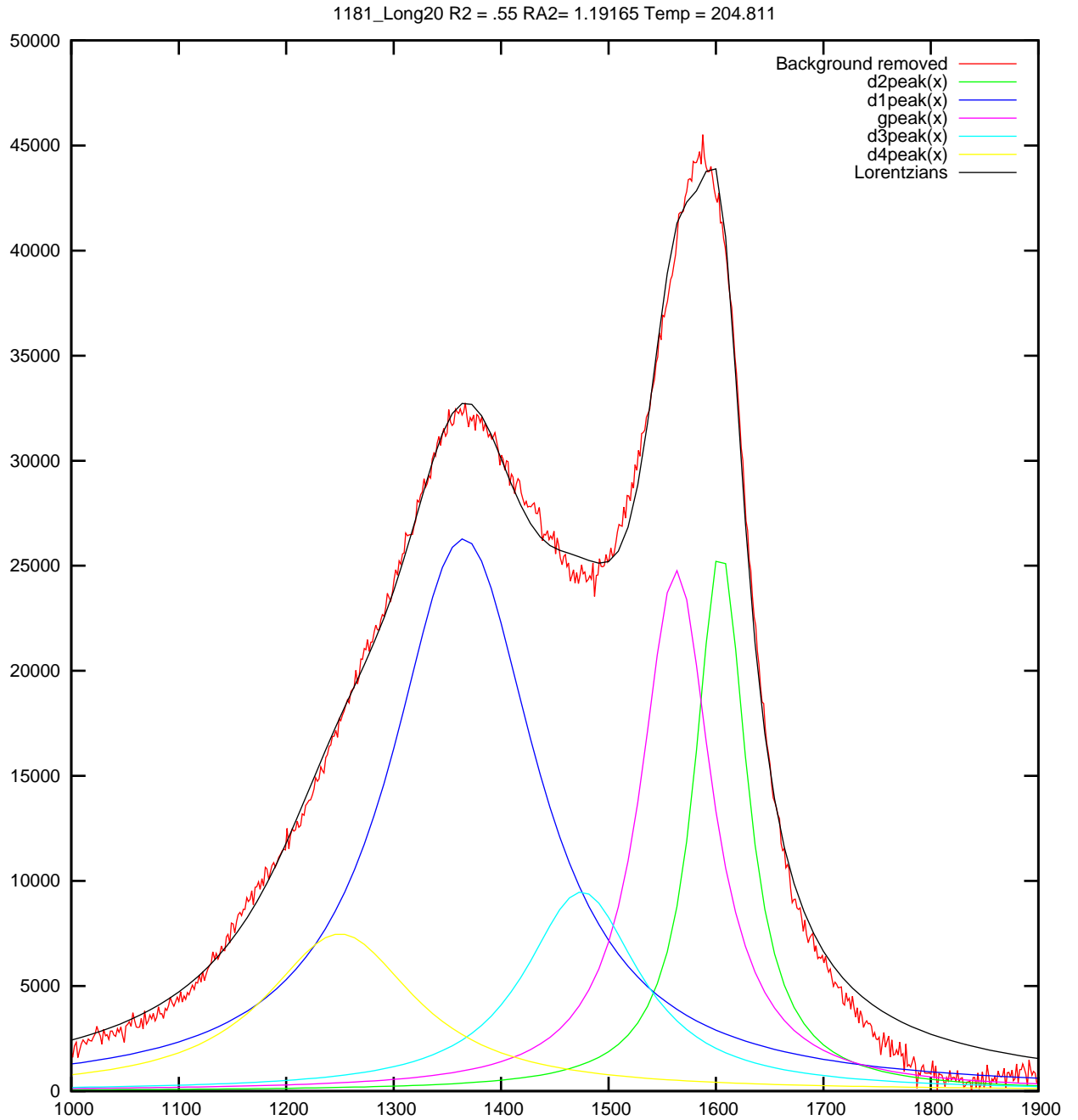
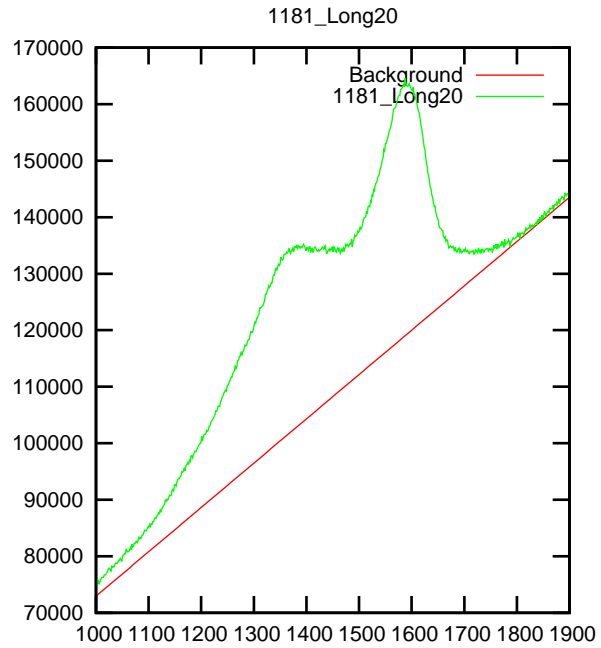


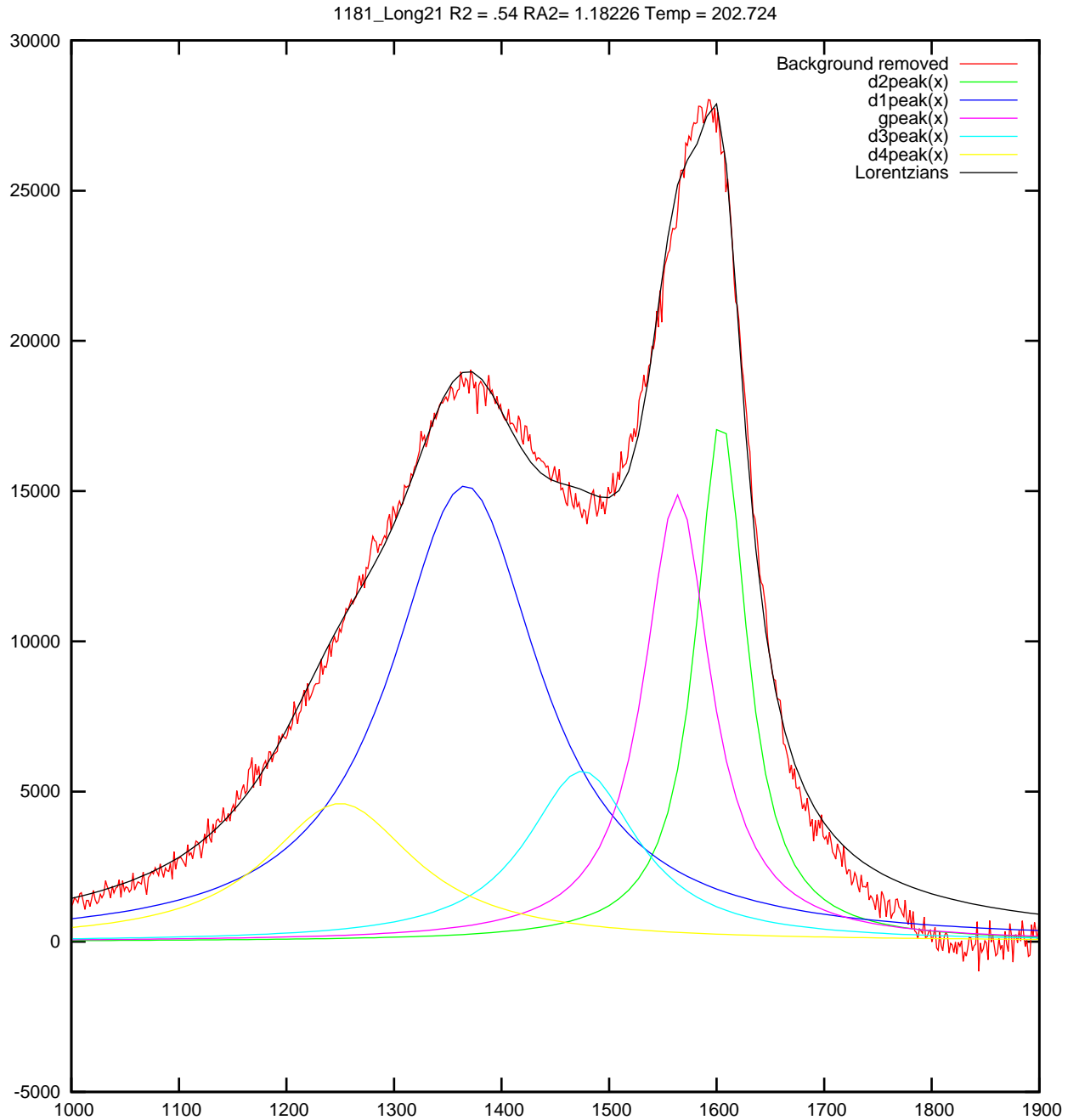
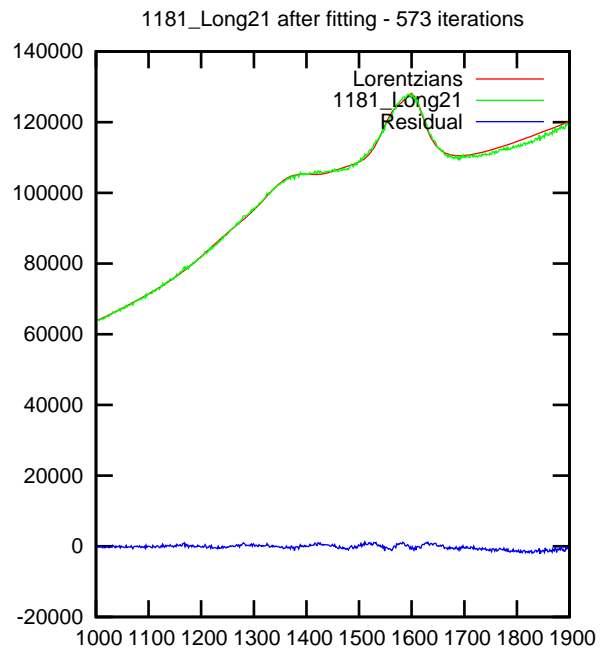
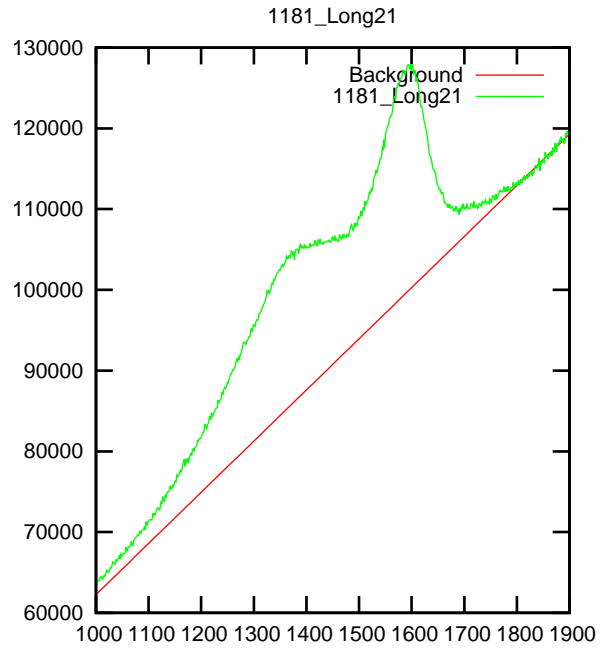


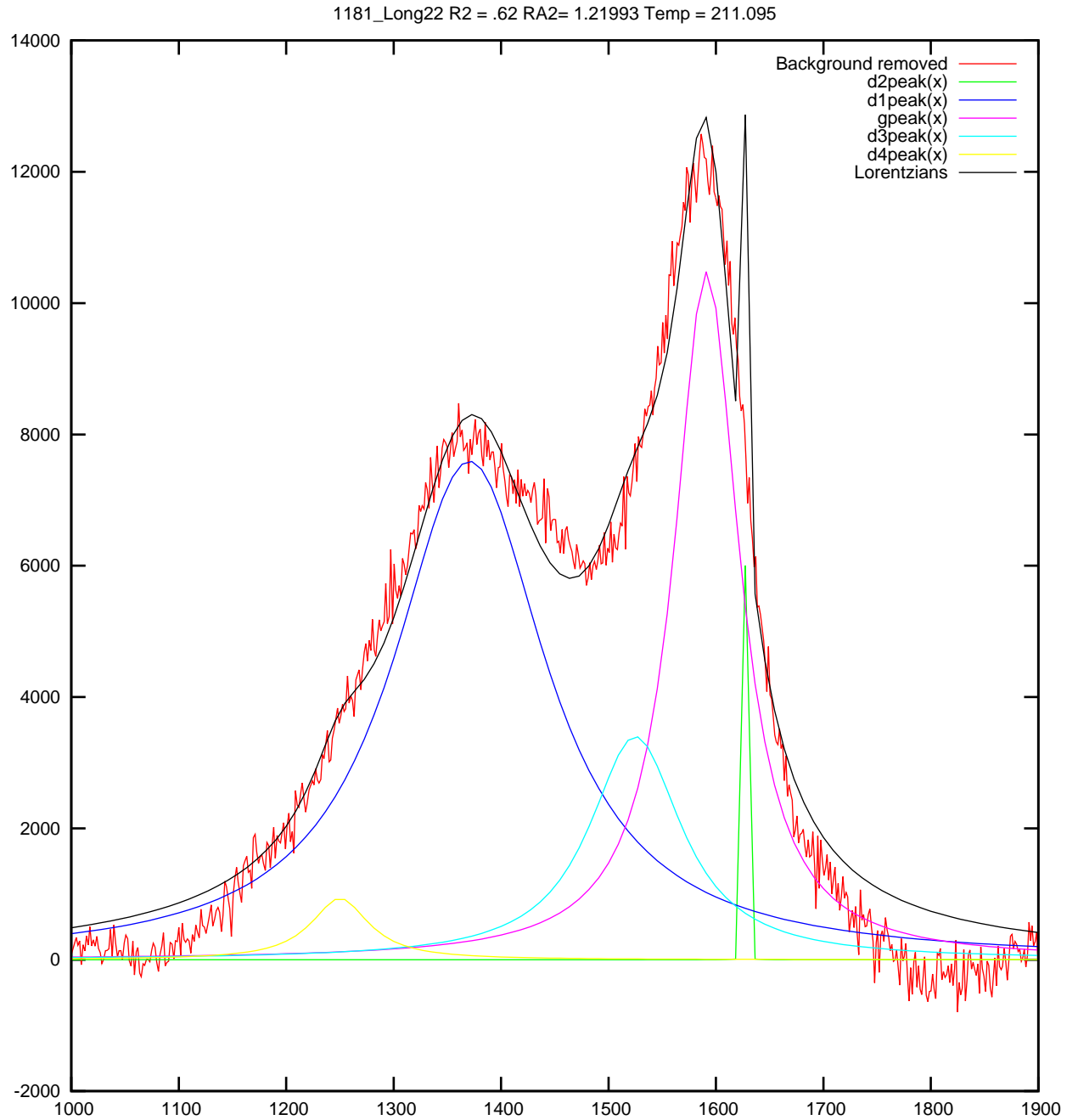
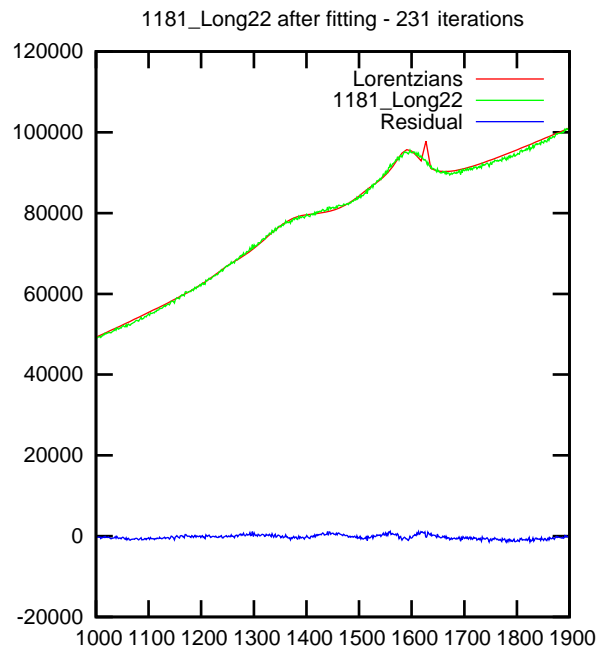
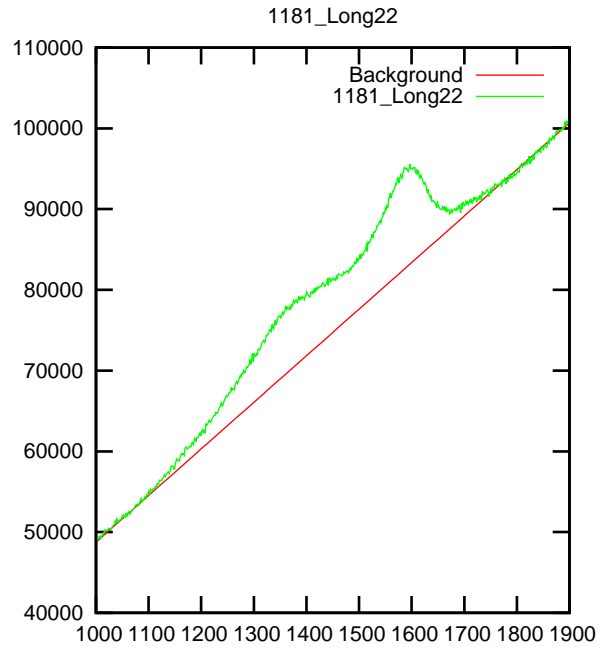


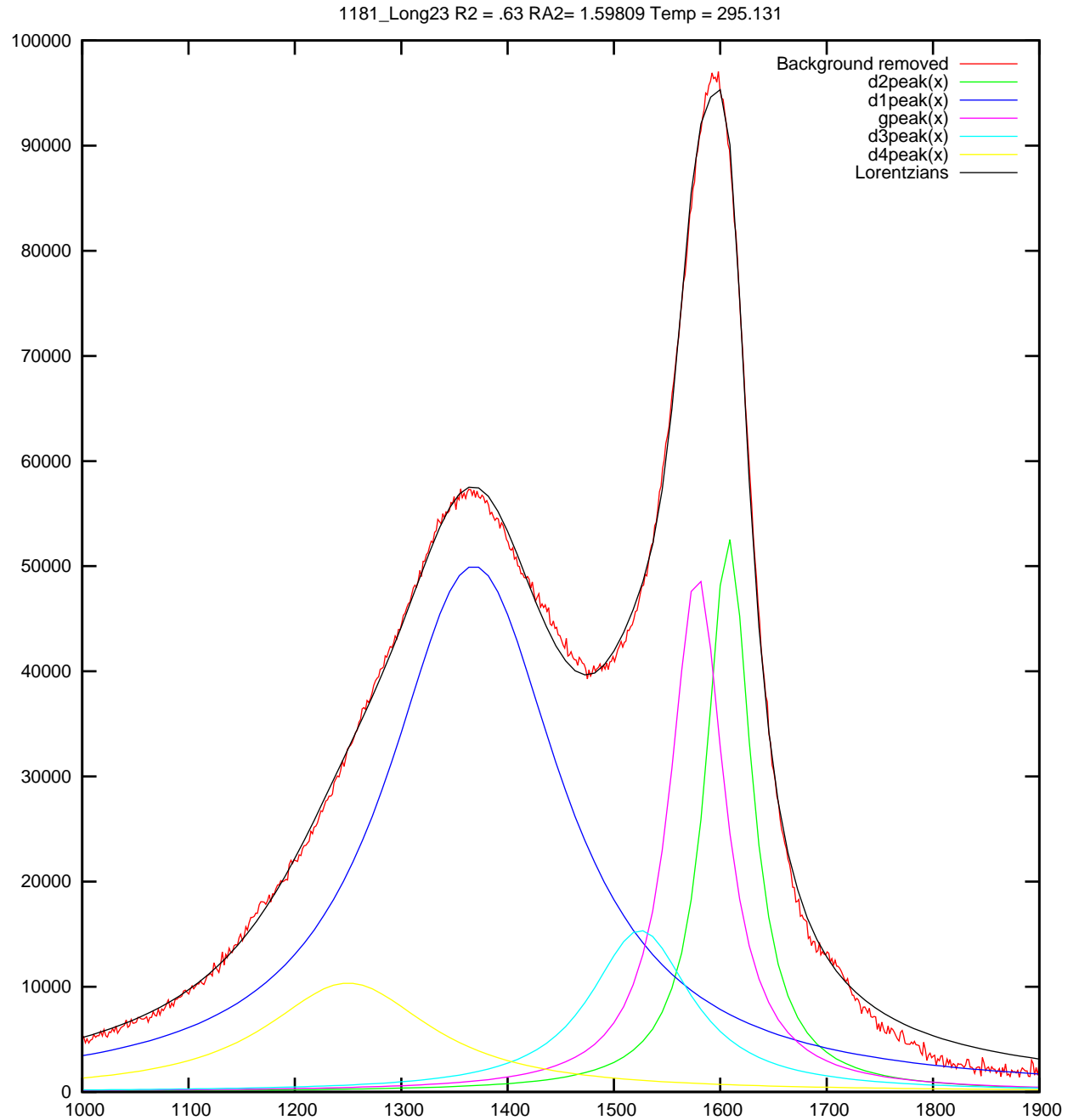
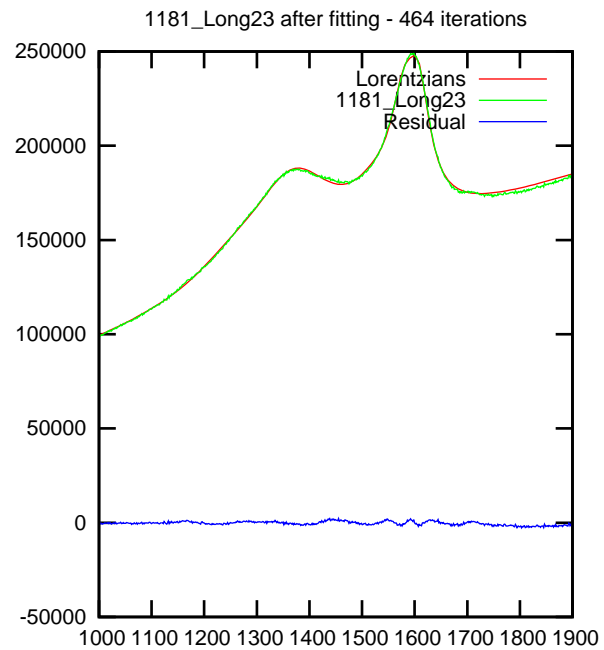
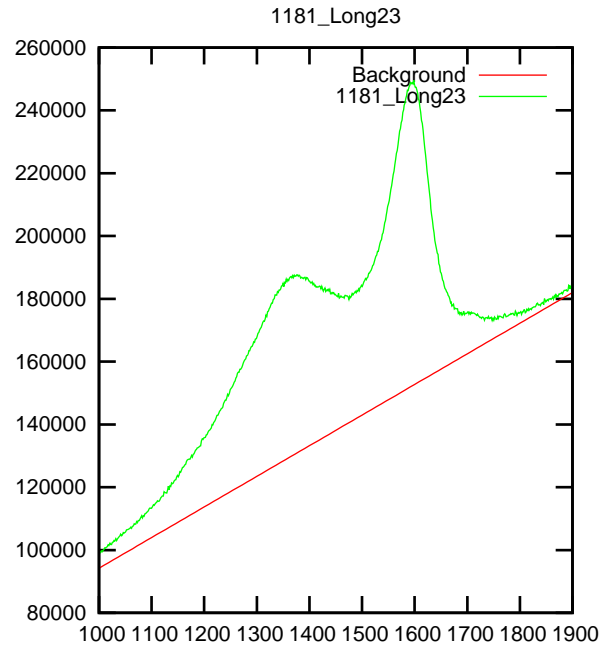




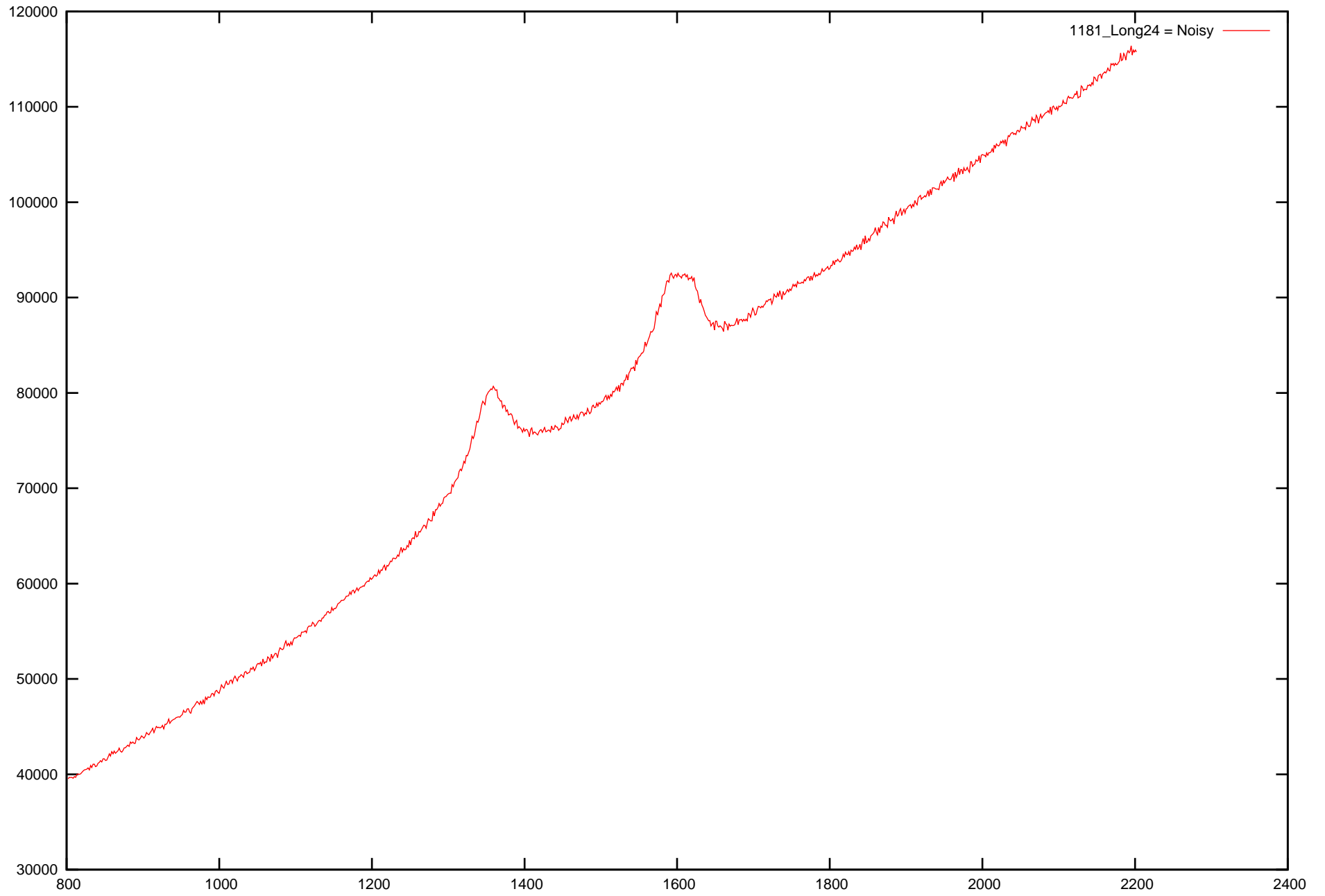




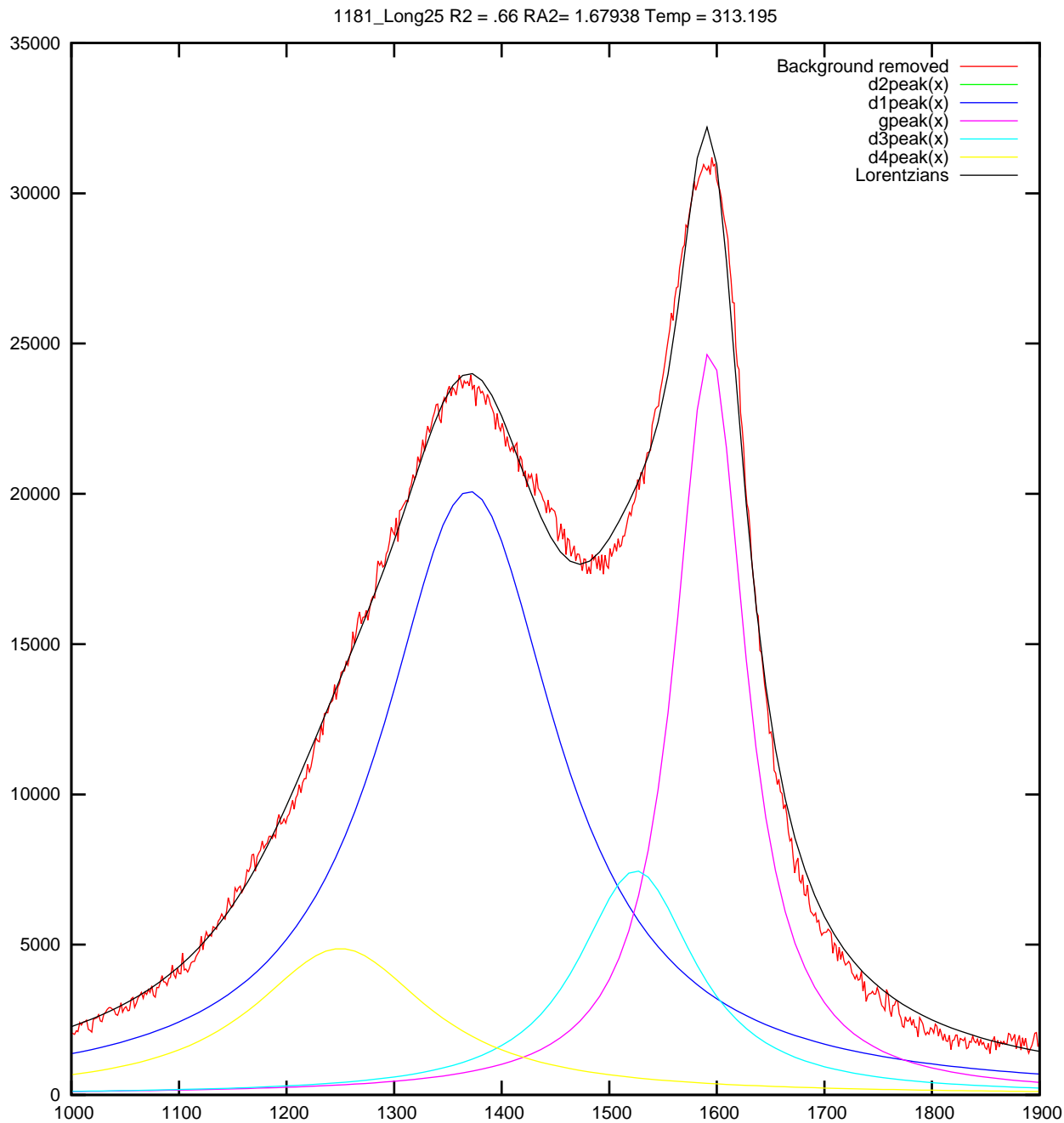
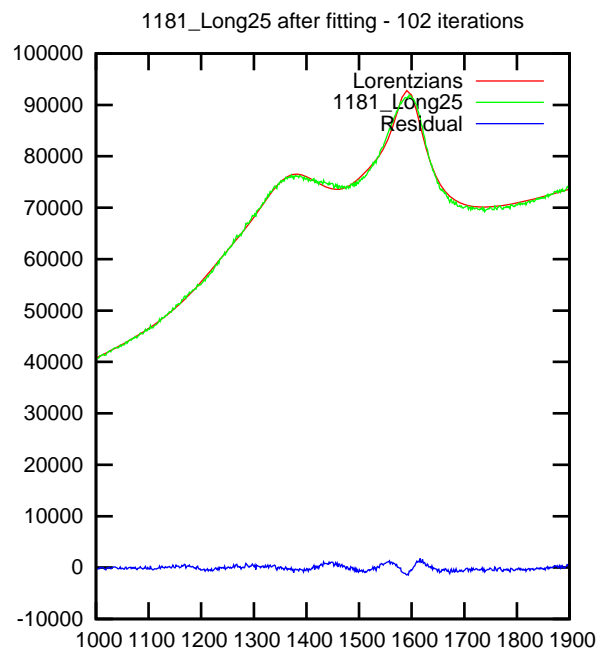
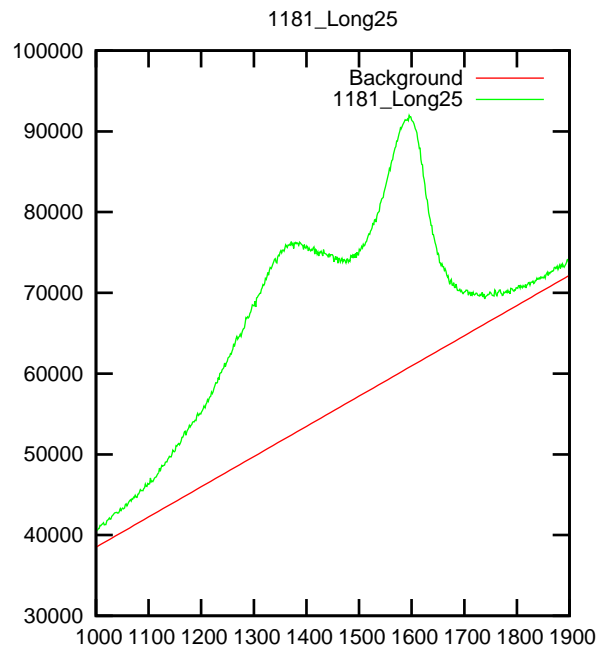


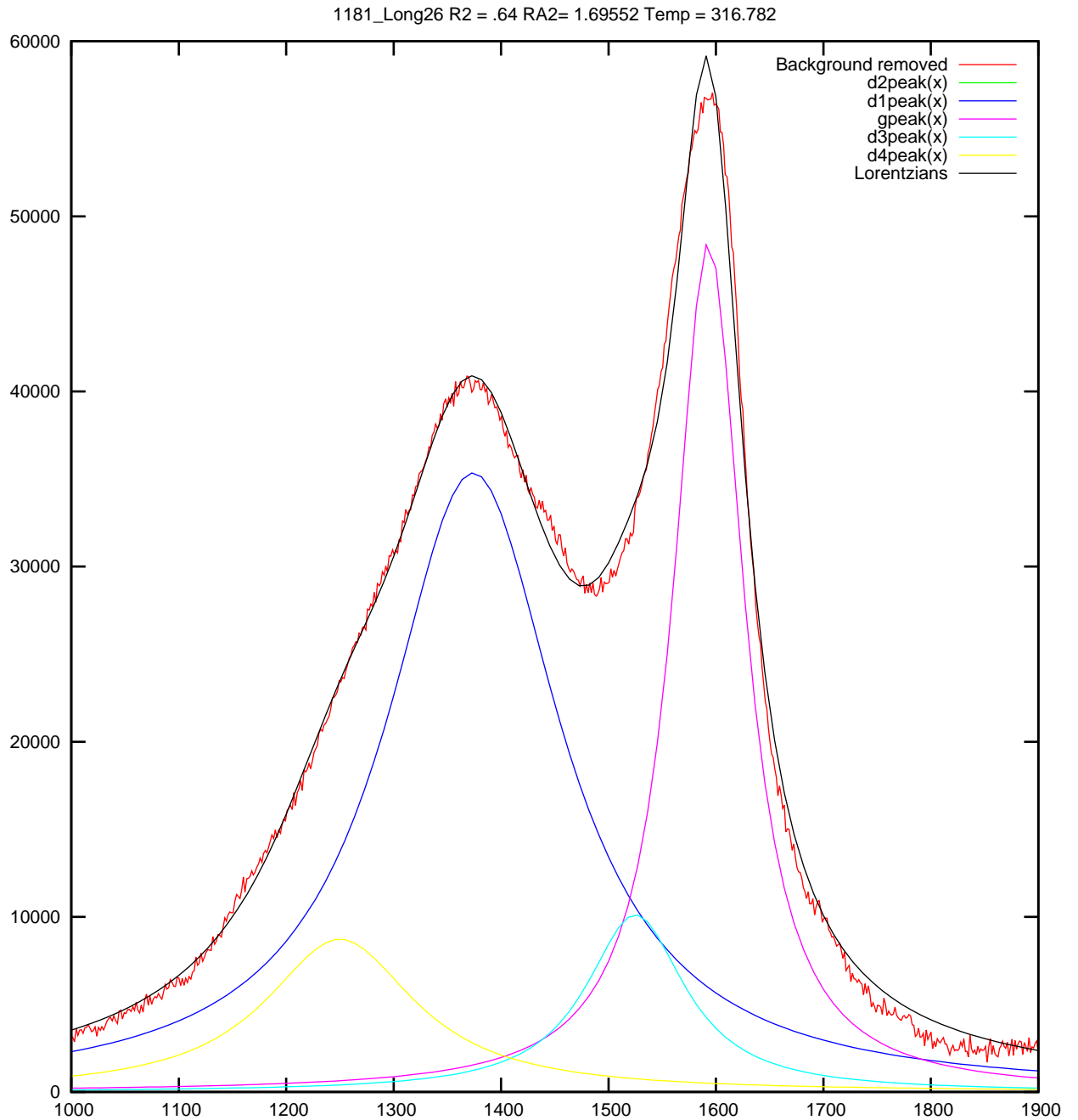
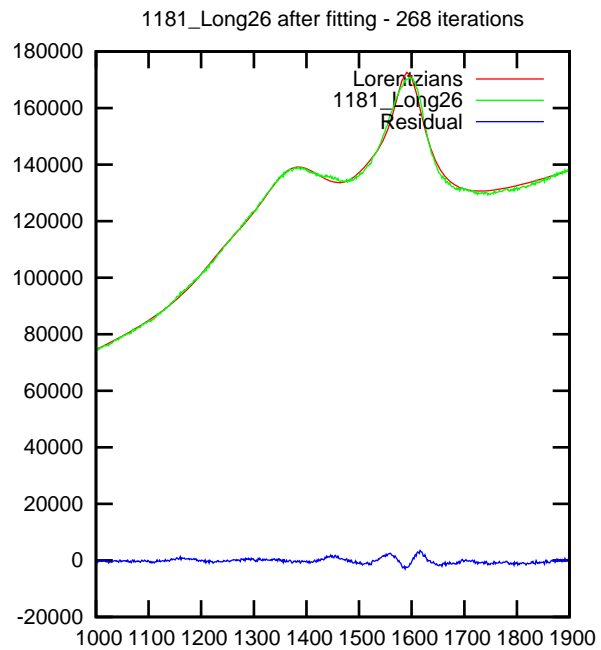
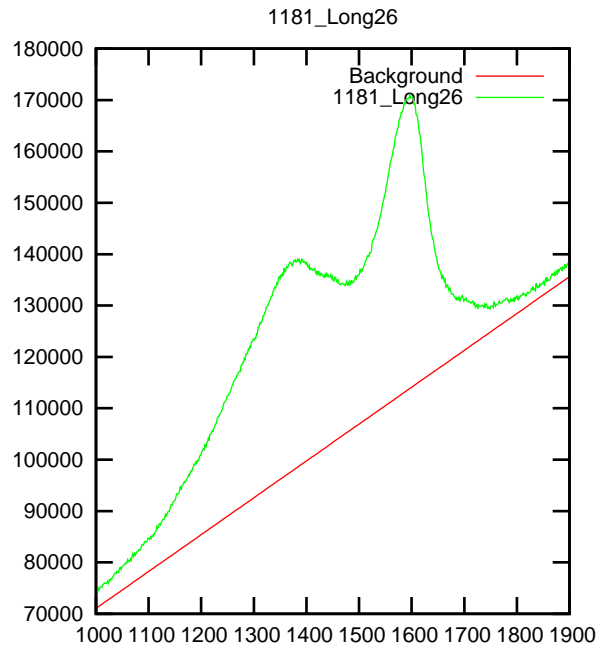


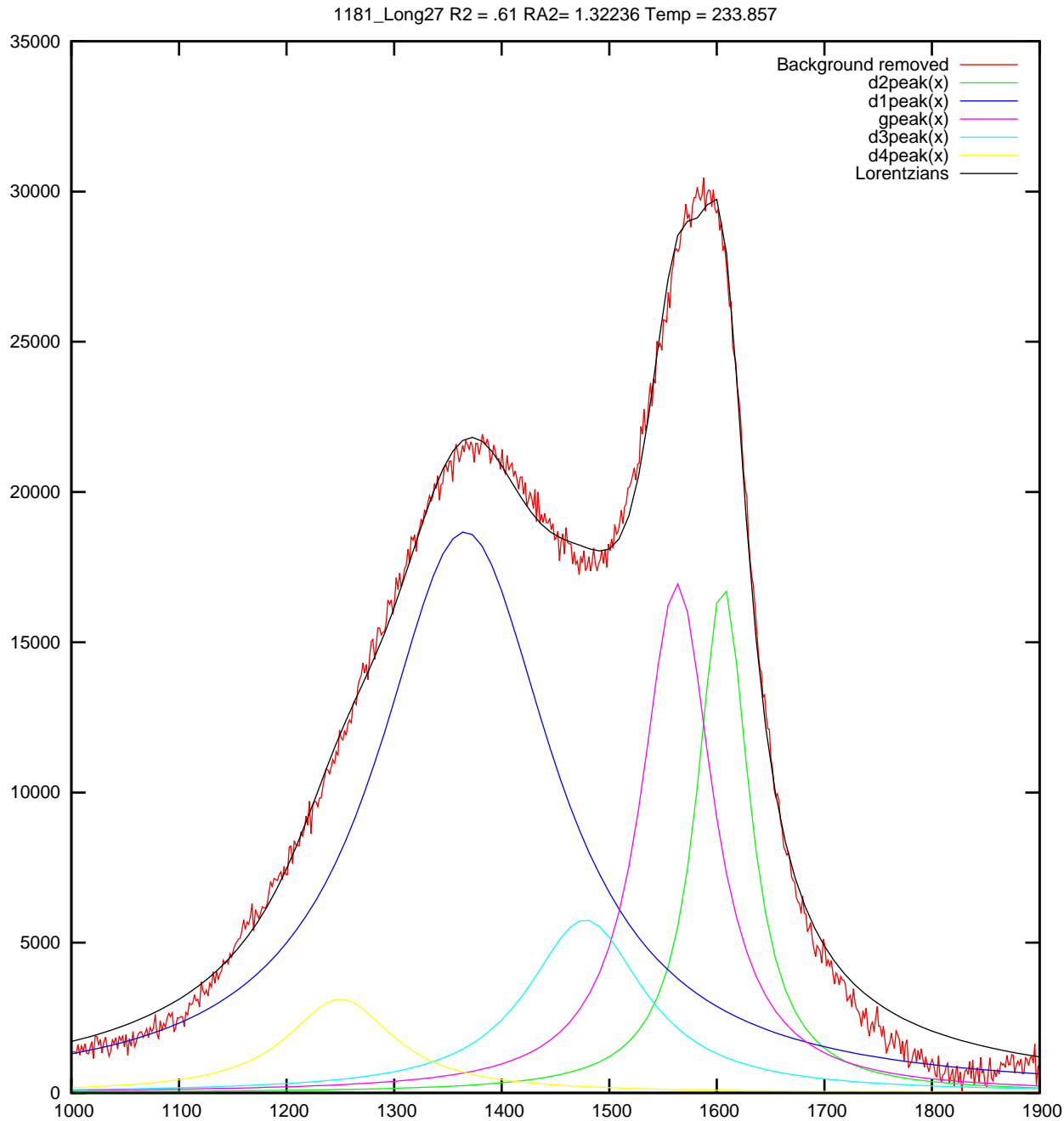
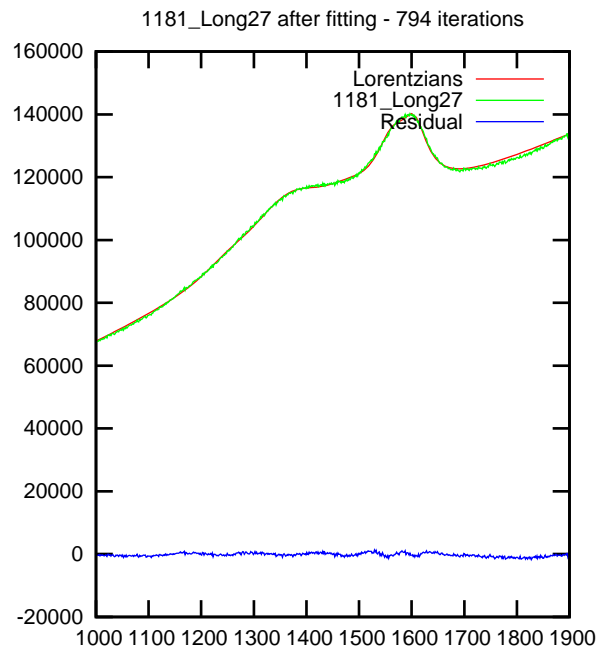
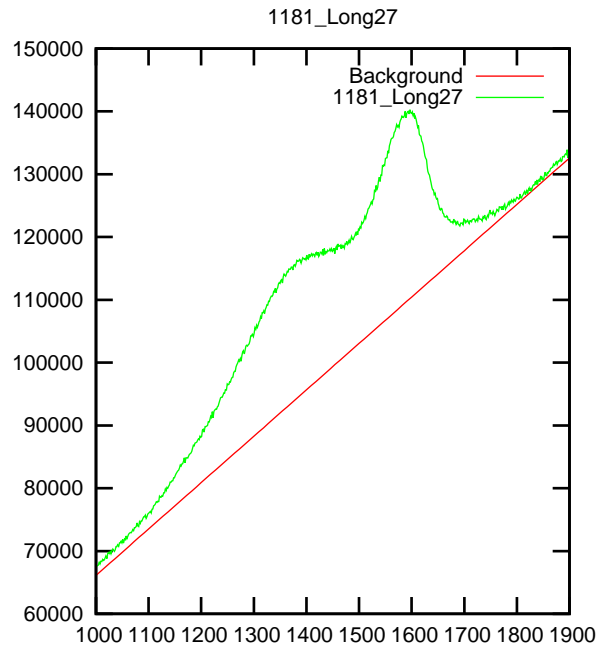
1181_Long24 = Noisy

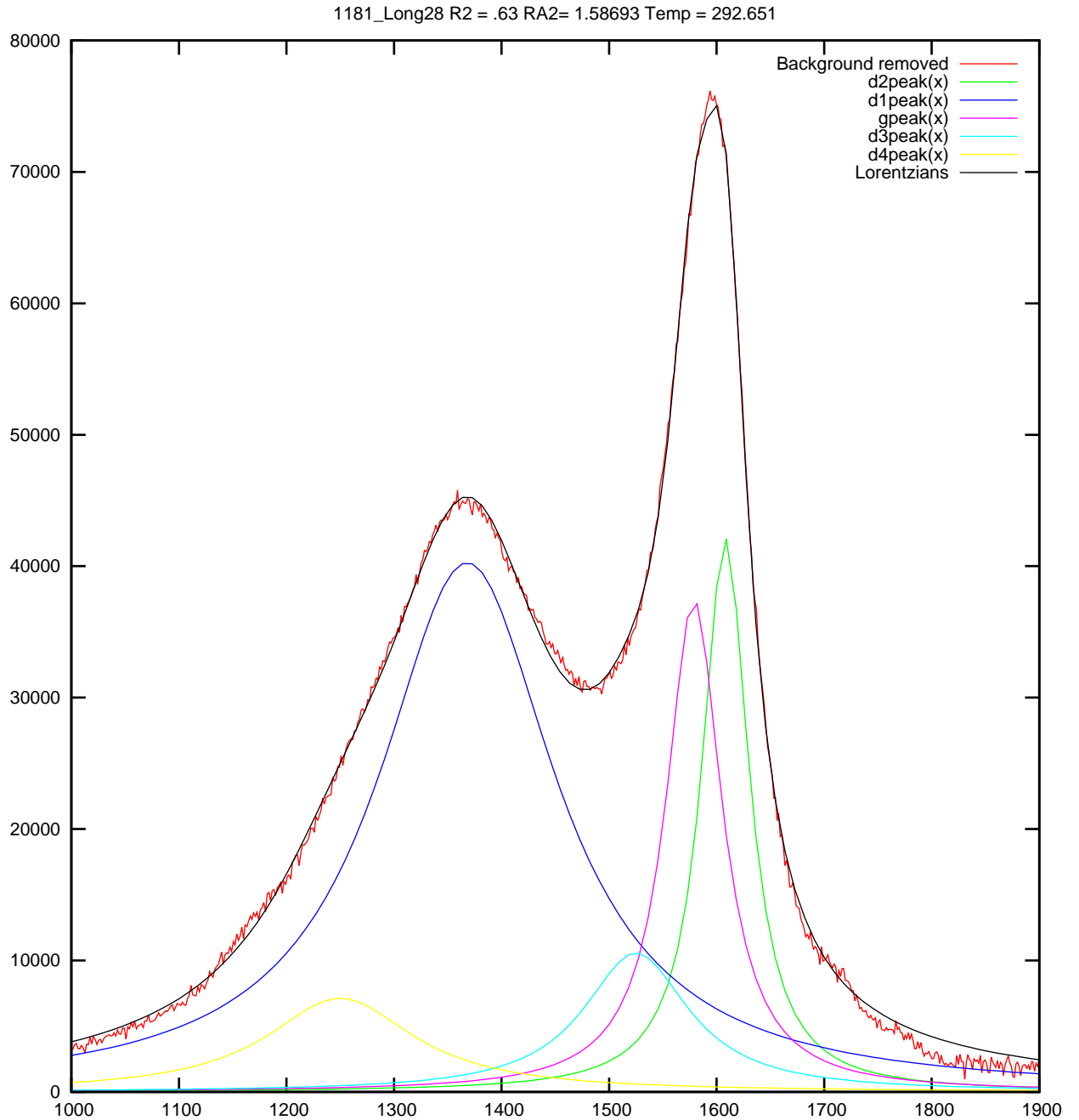
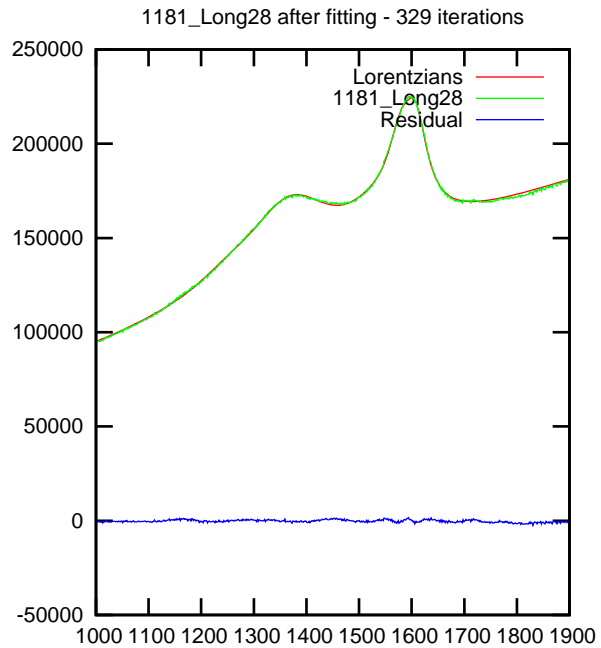
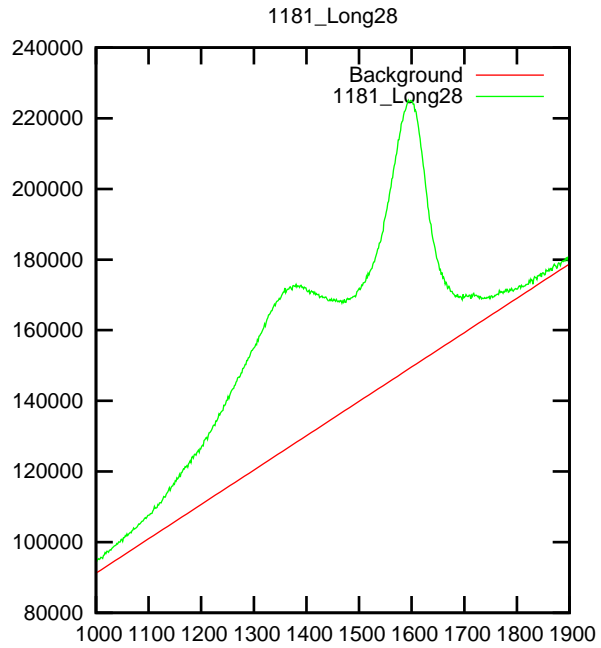


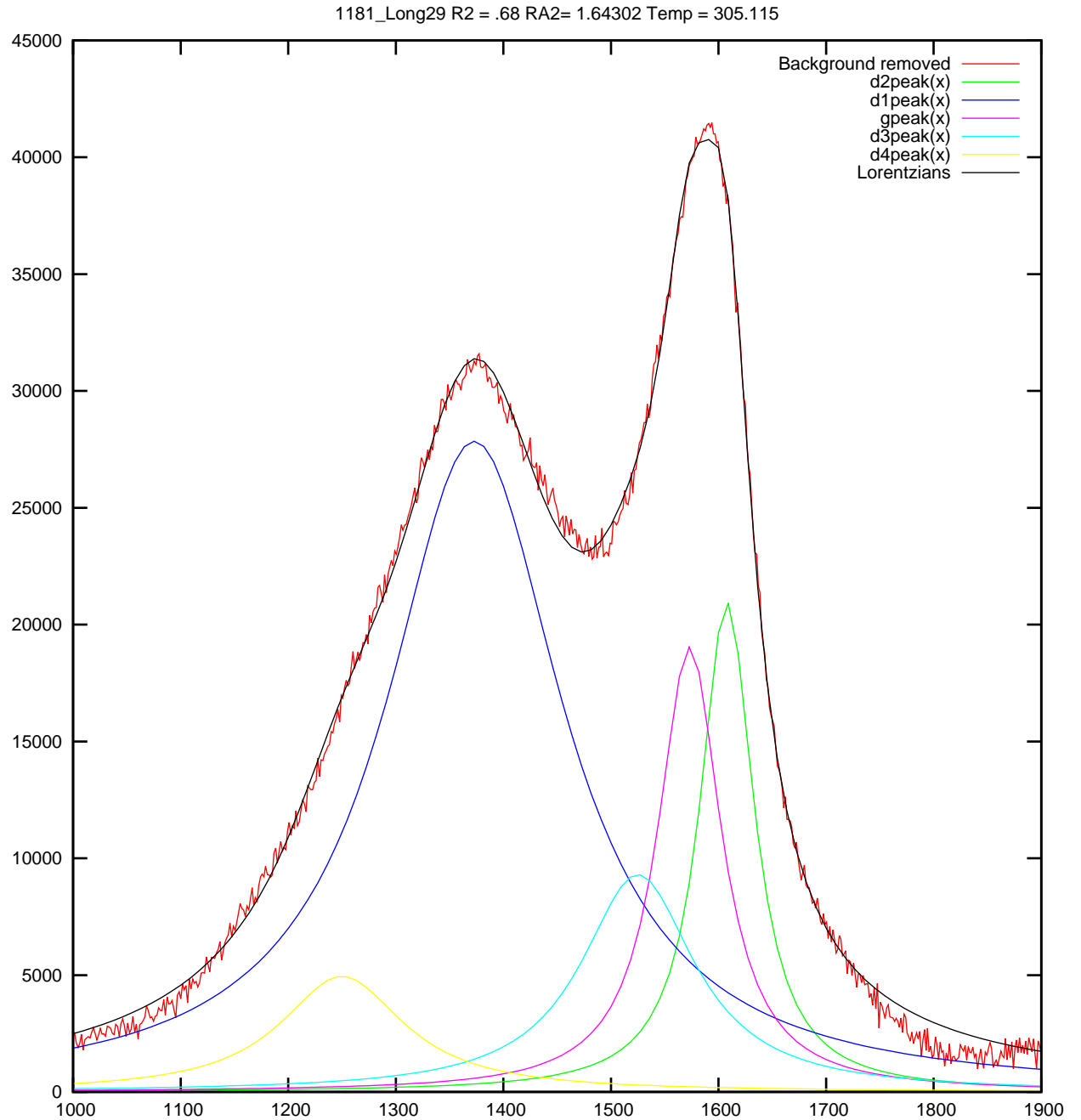
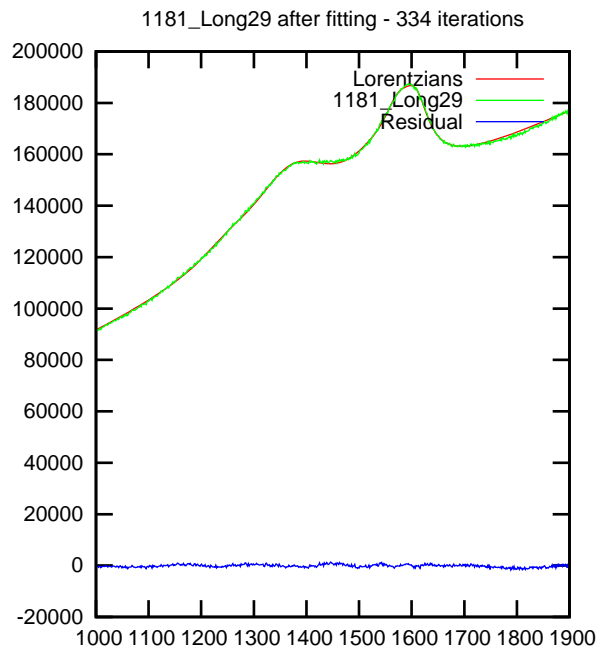
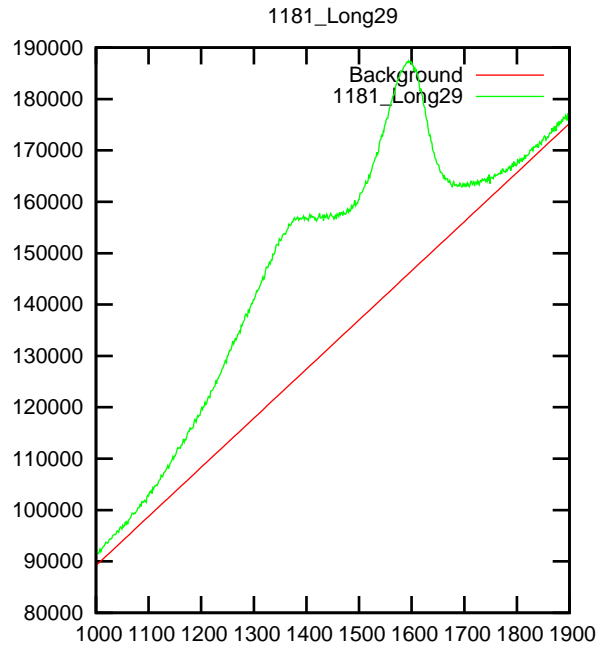
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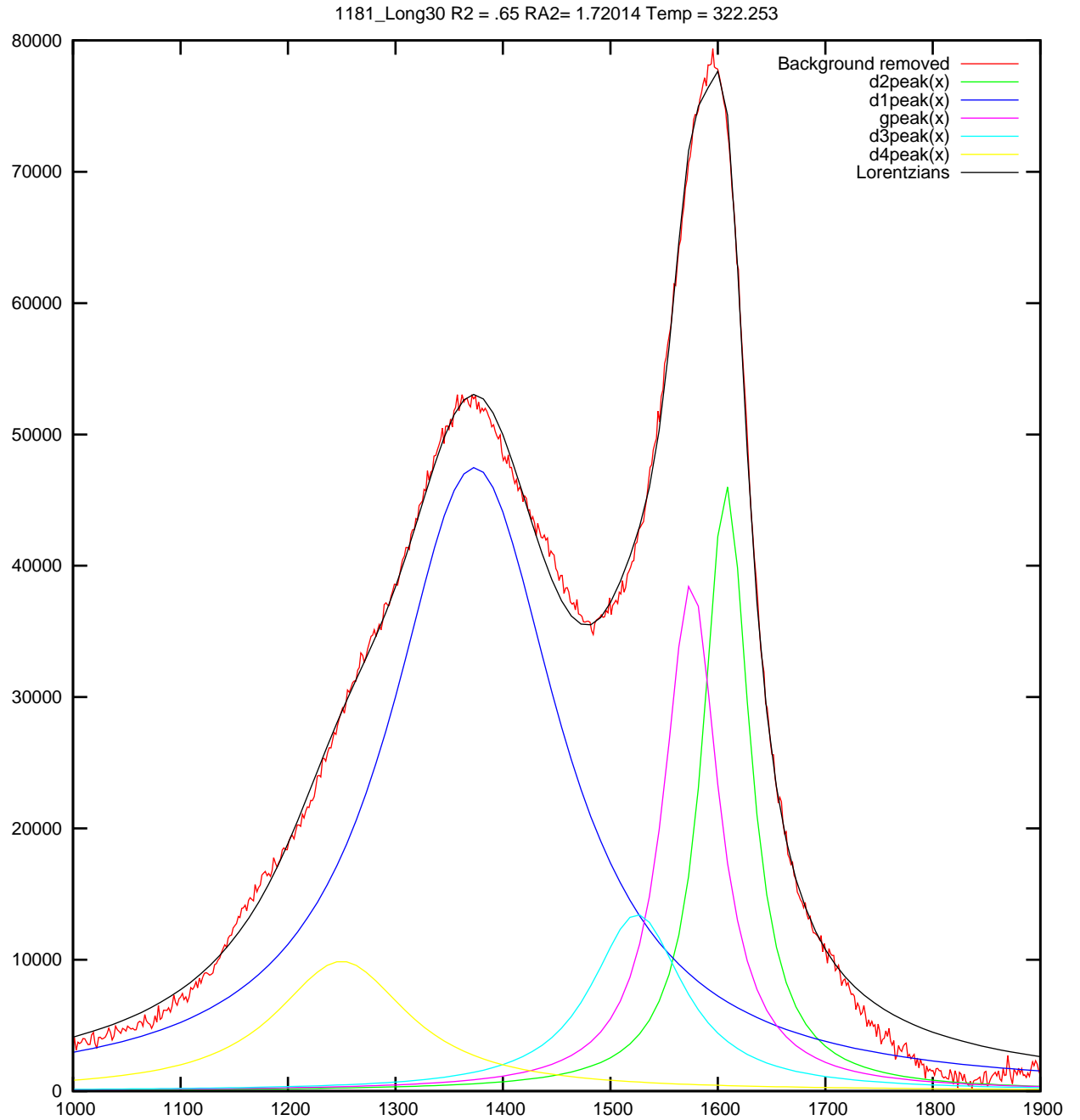
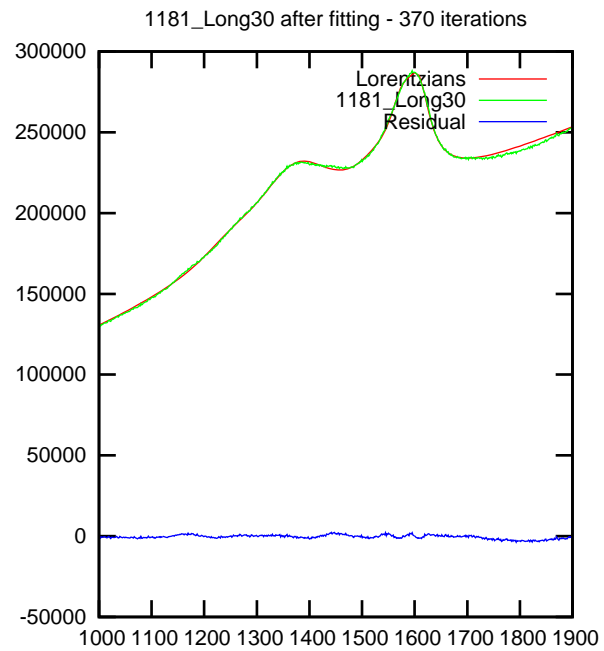
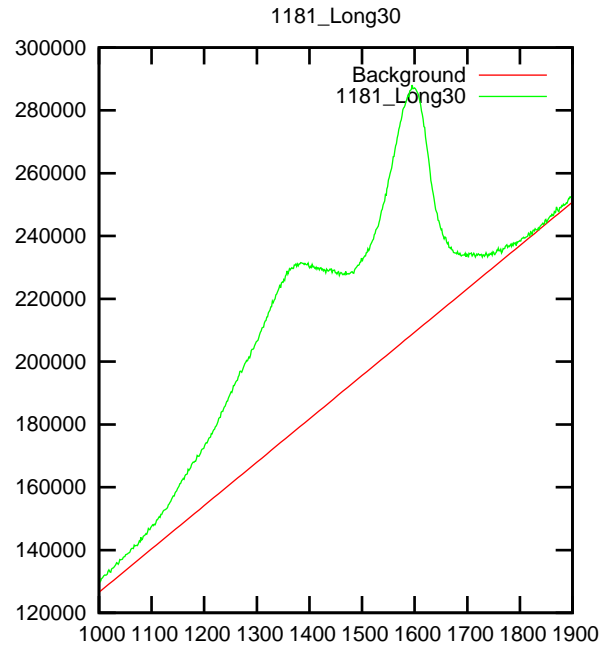




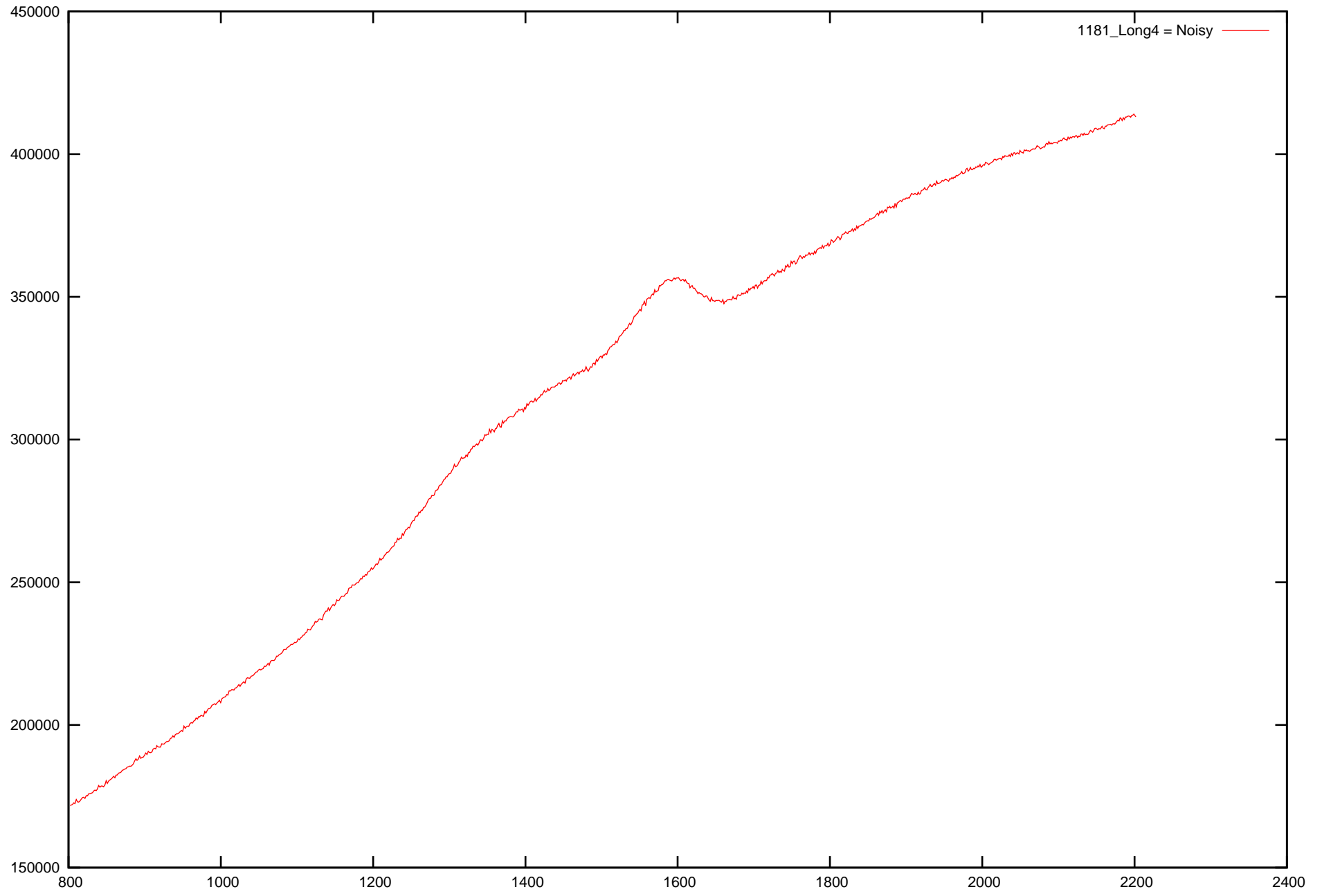




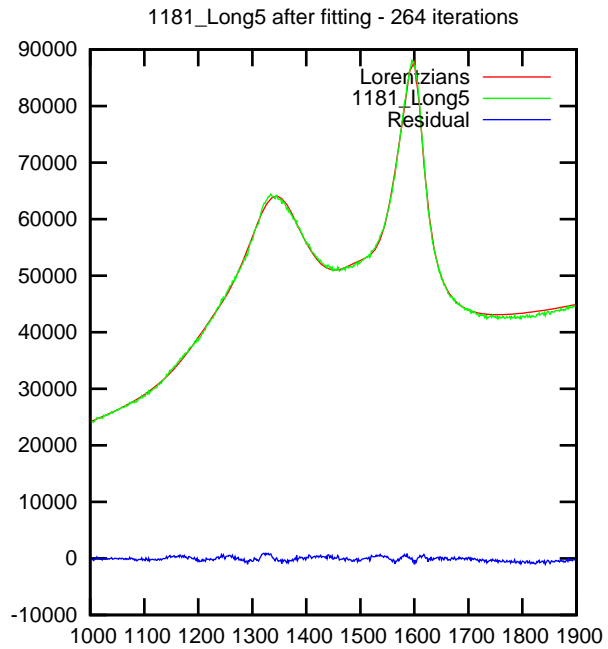
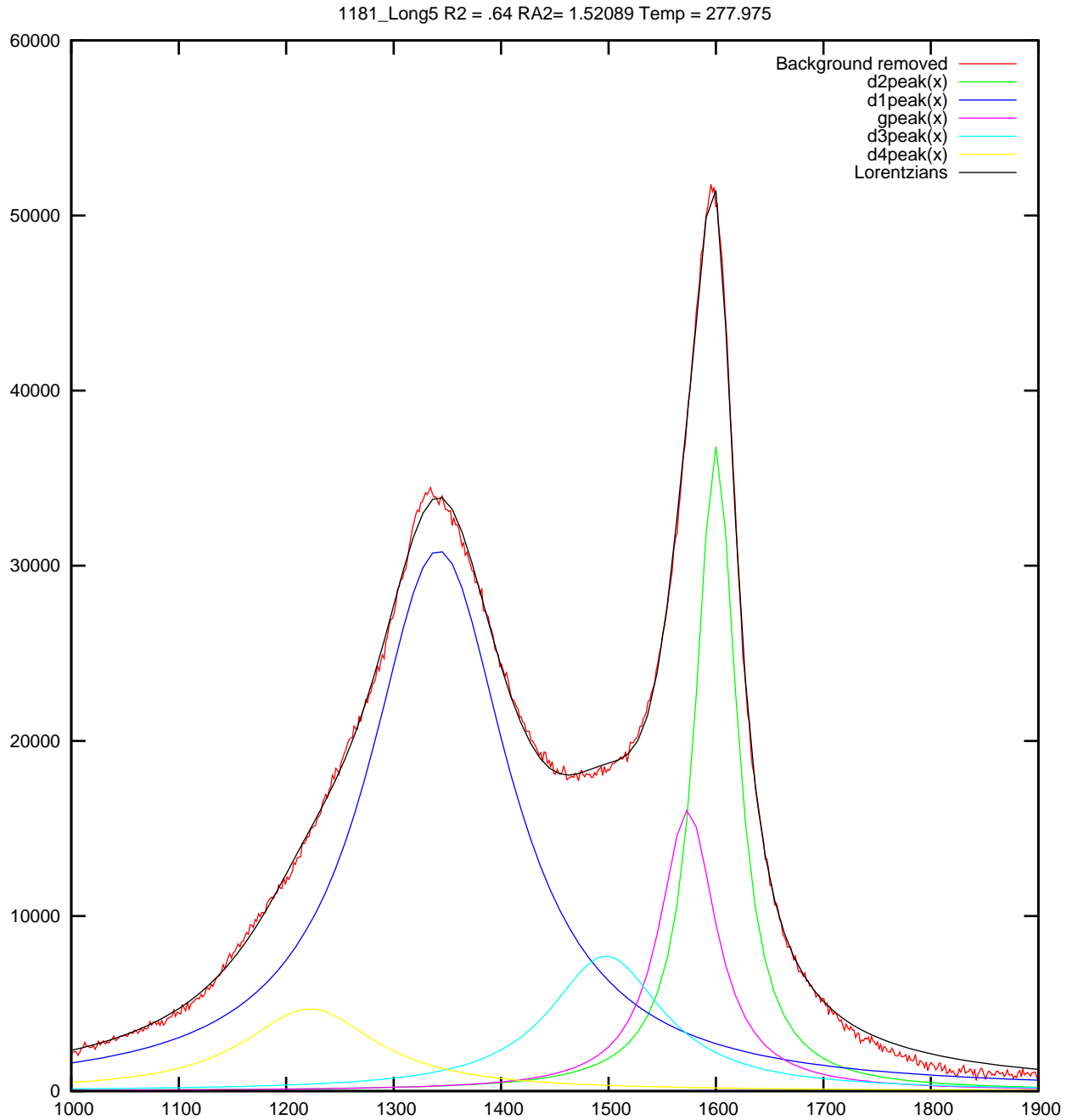
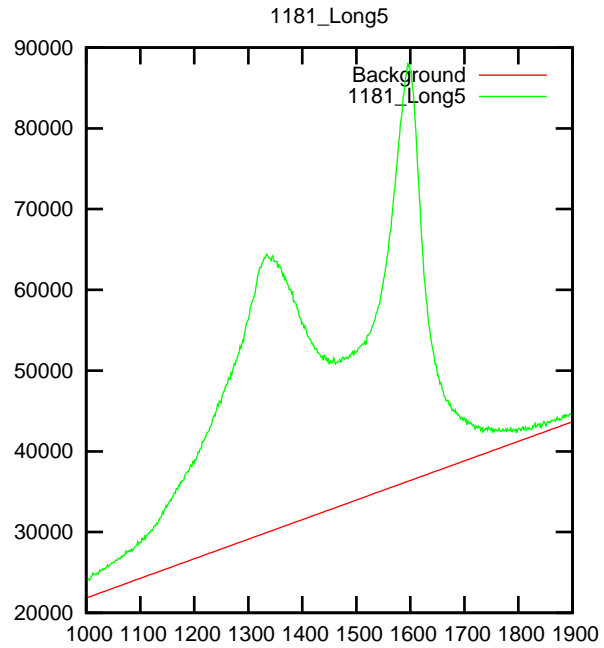


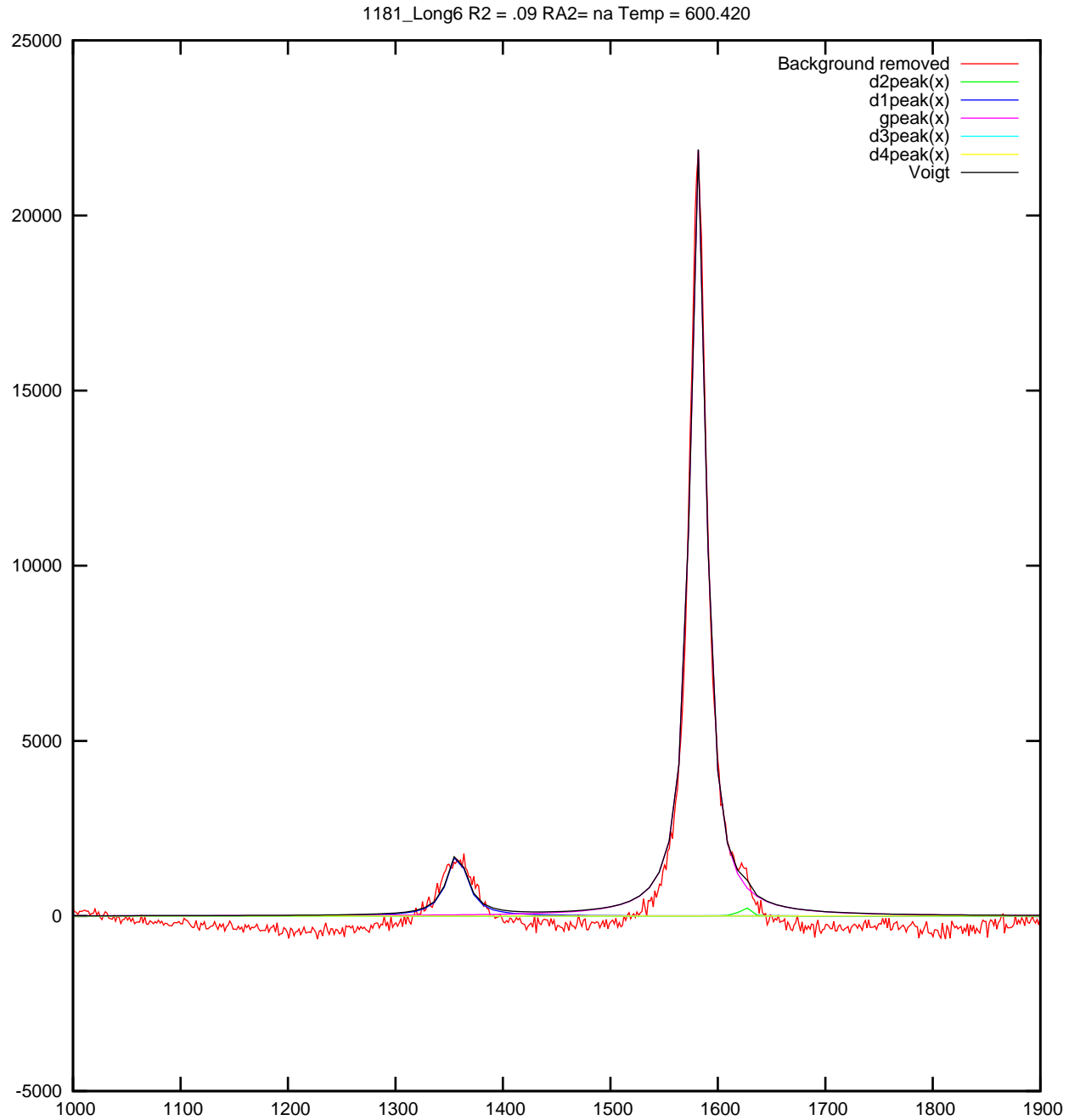
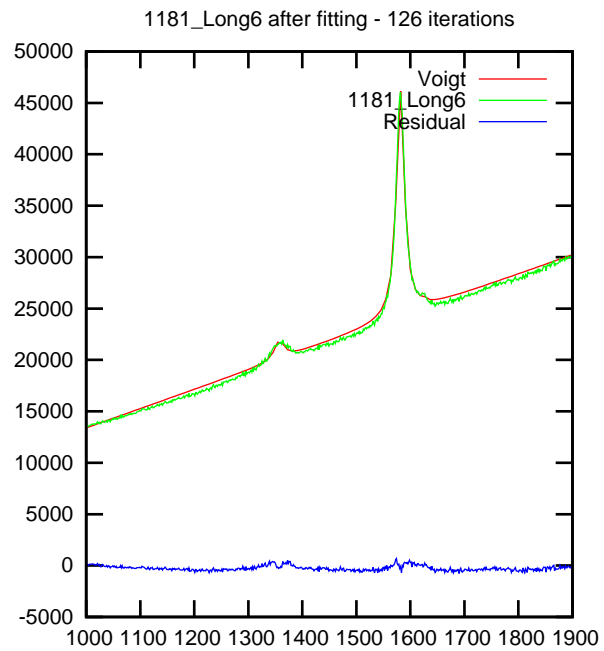
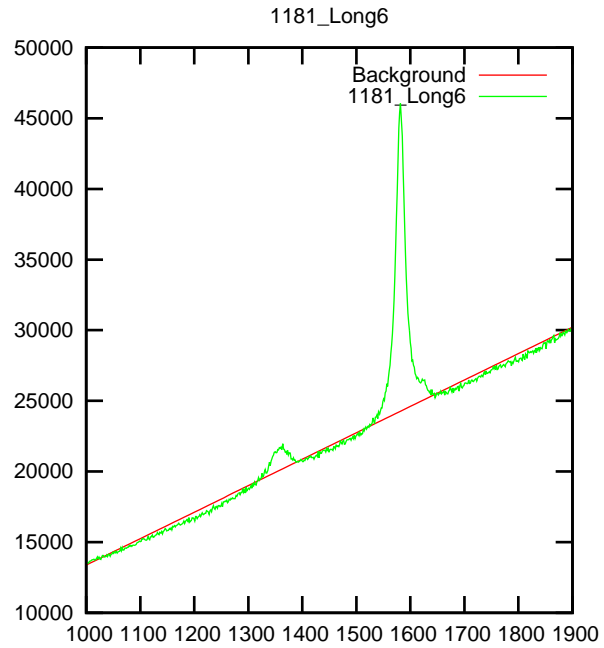


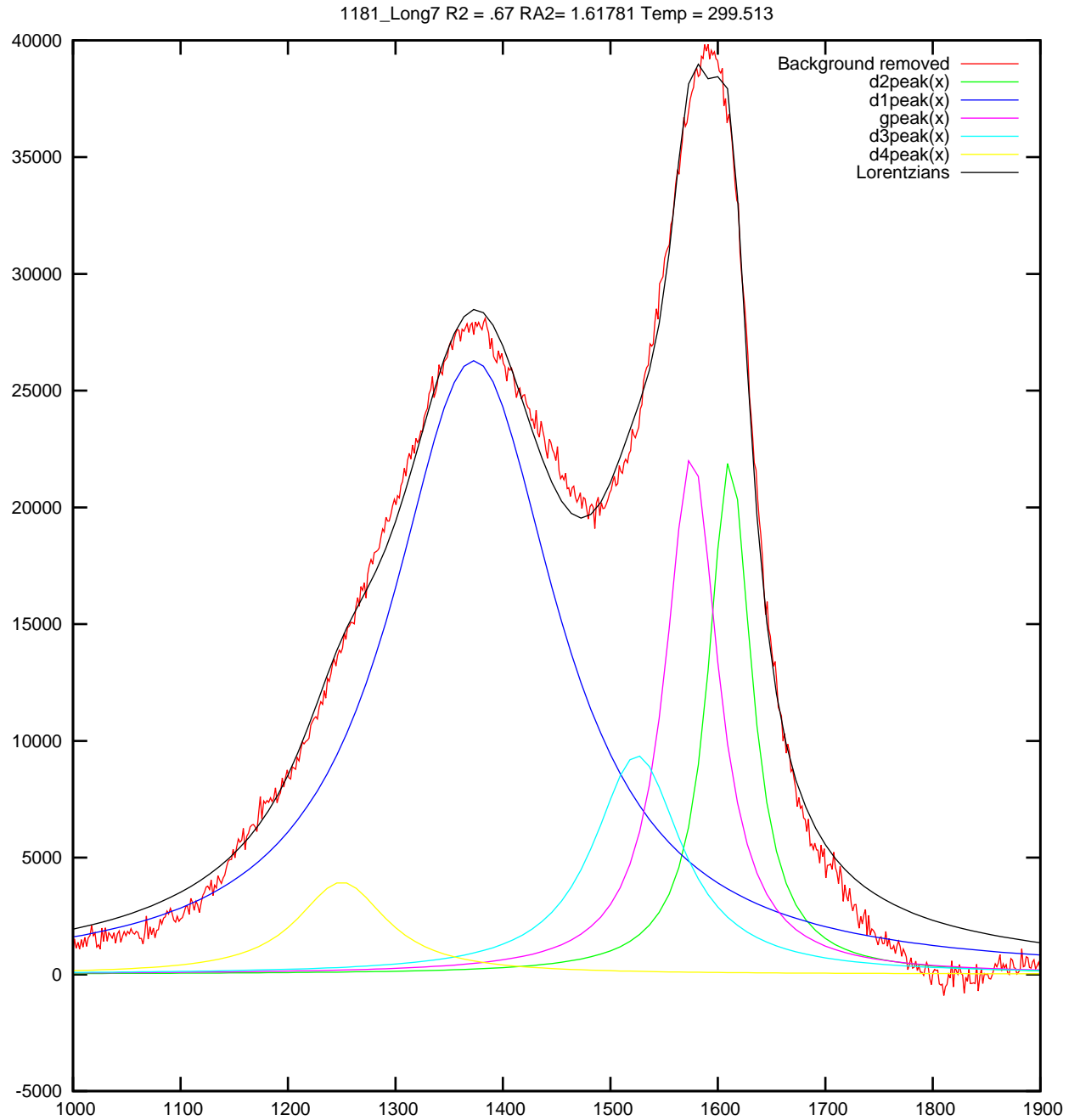
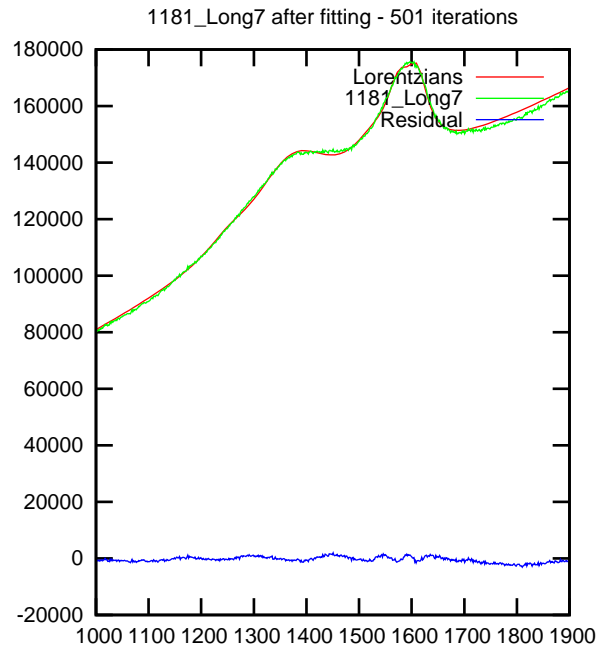
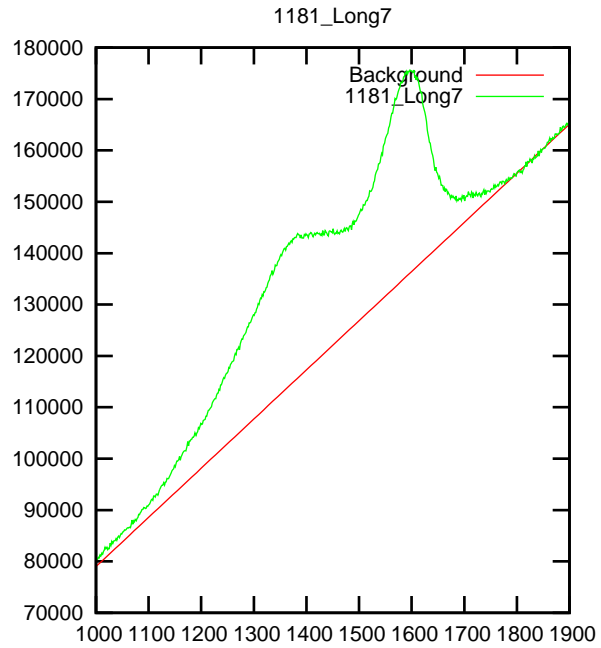
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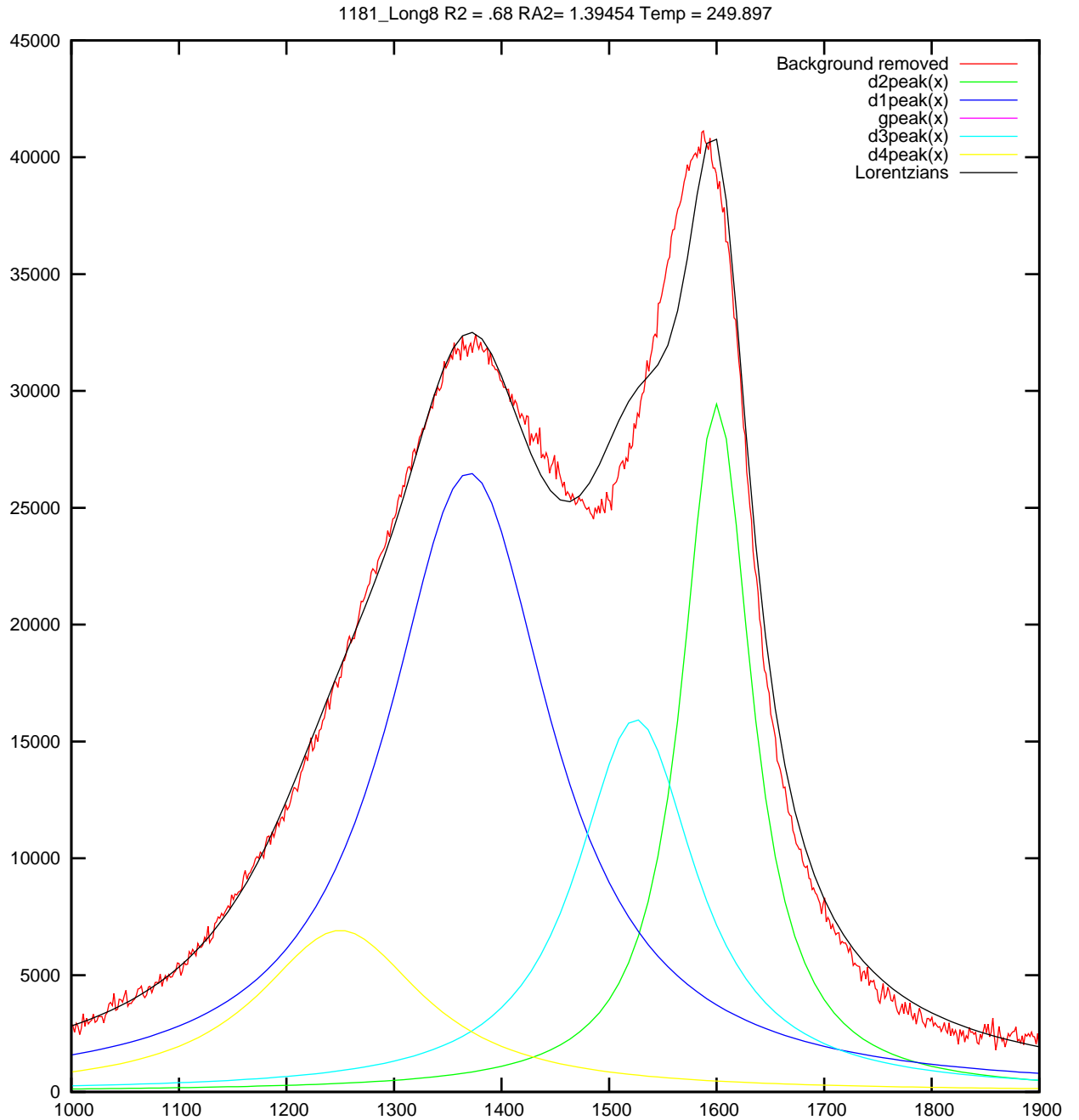
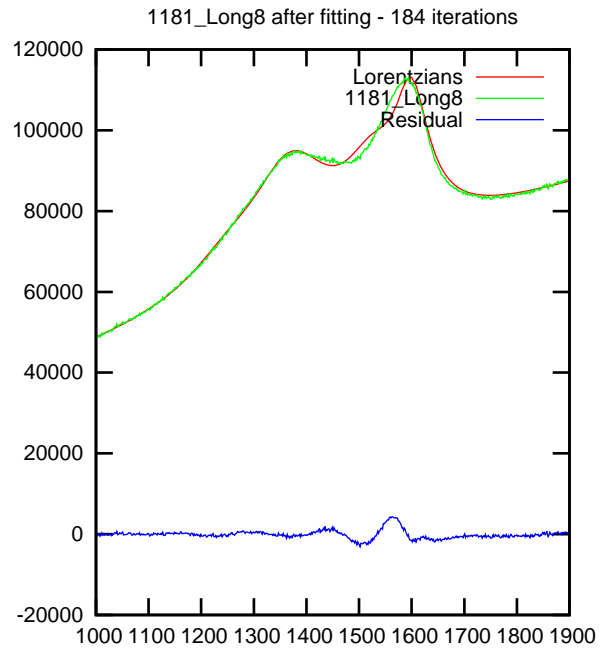
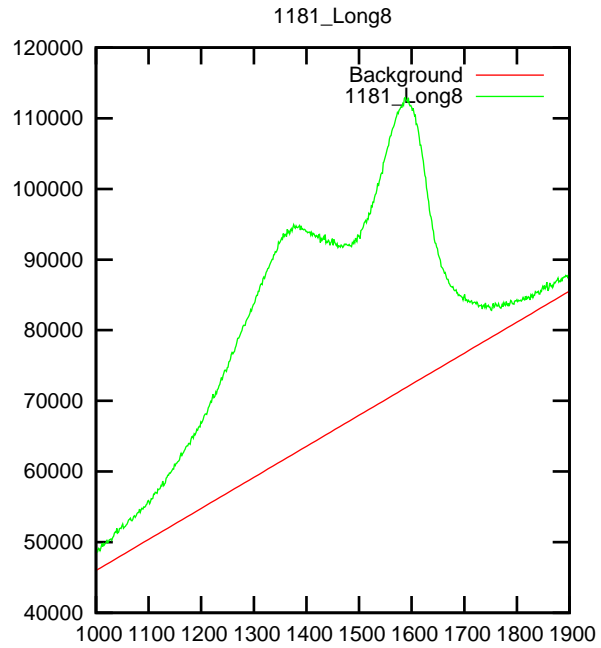


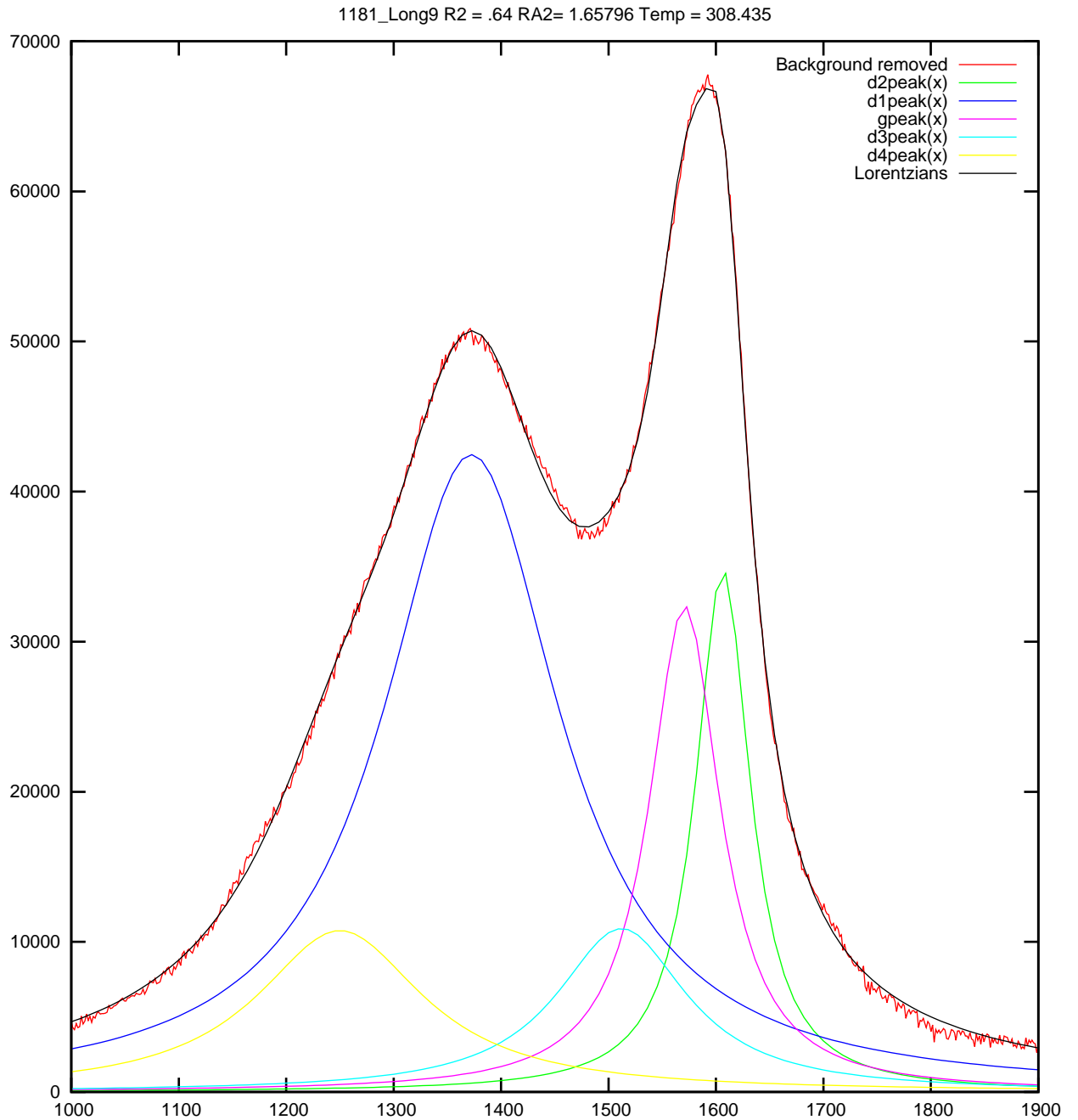
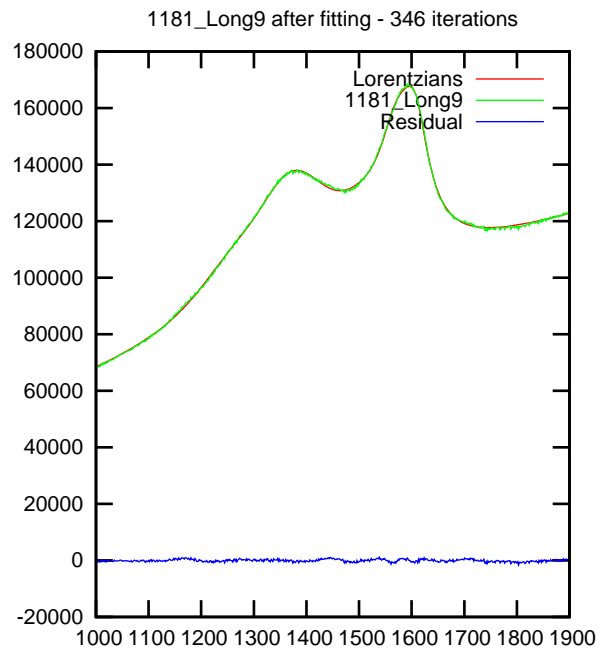
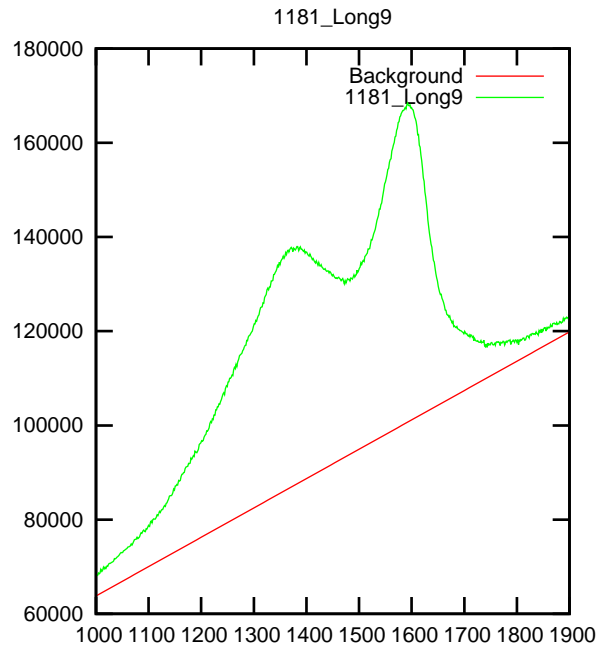
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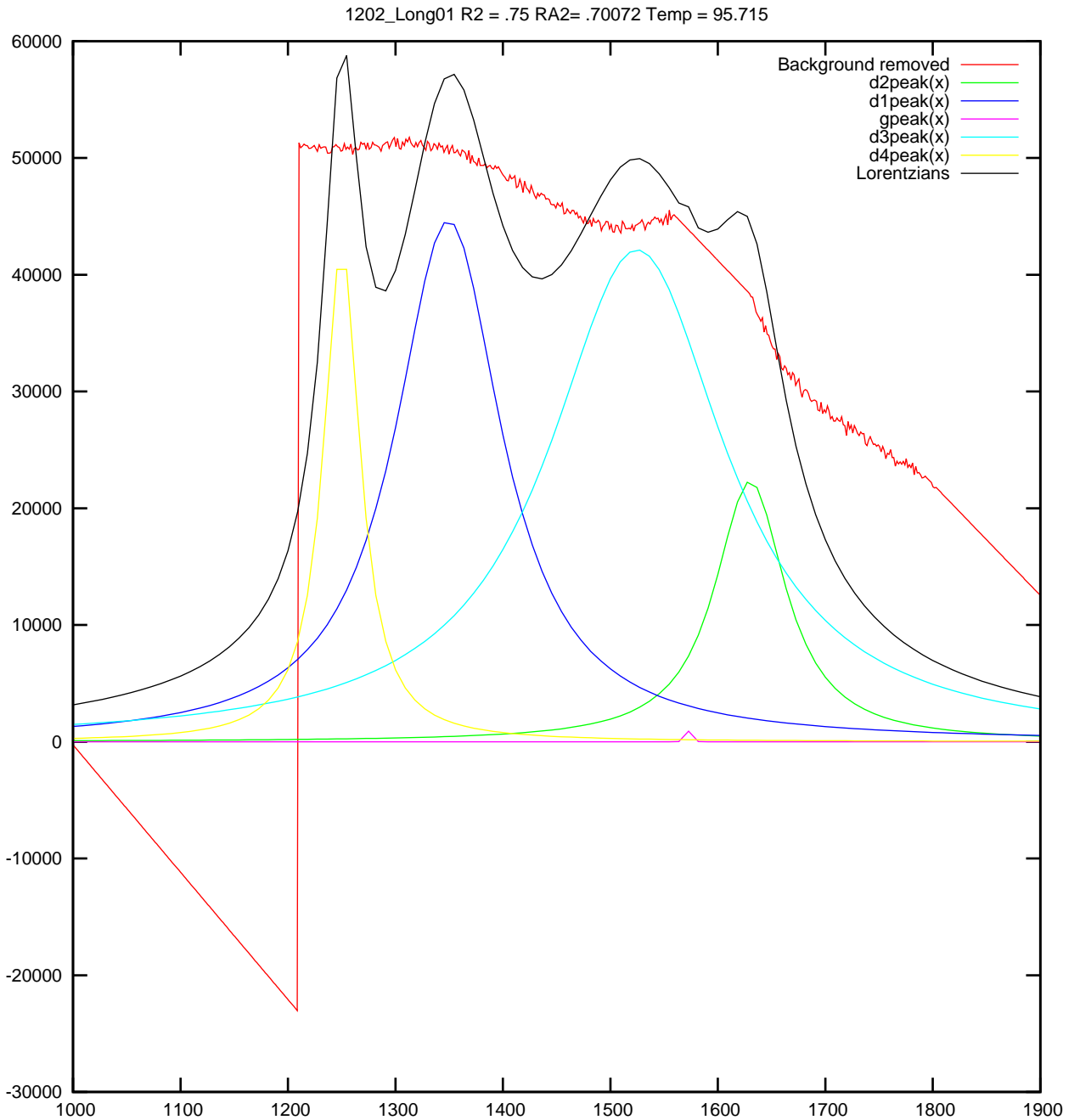
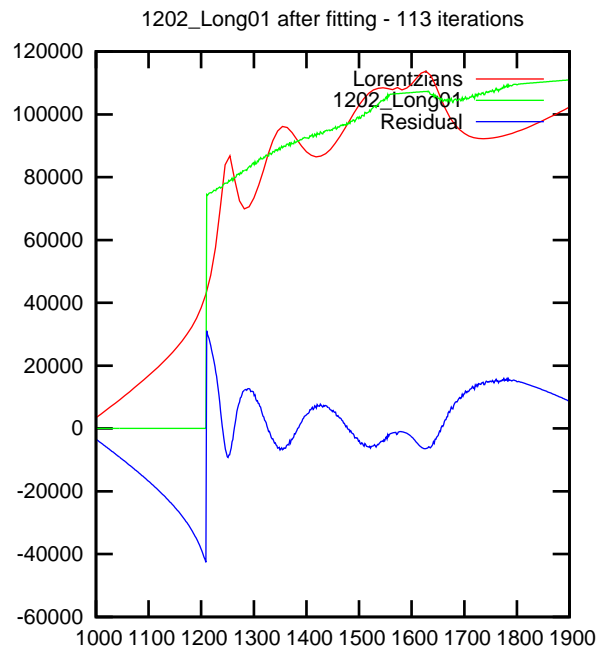
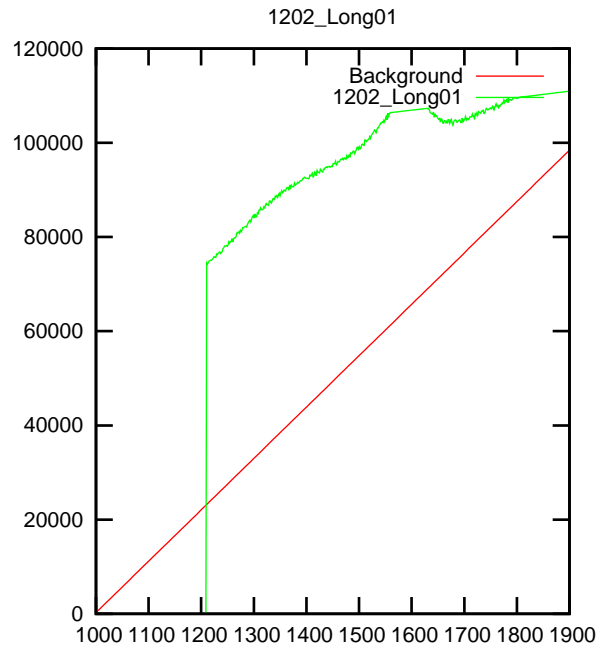




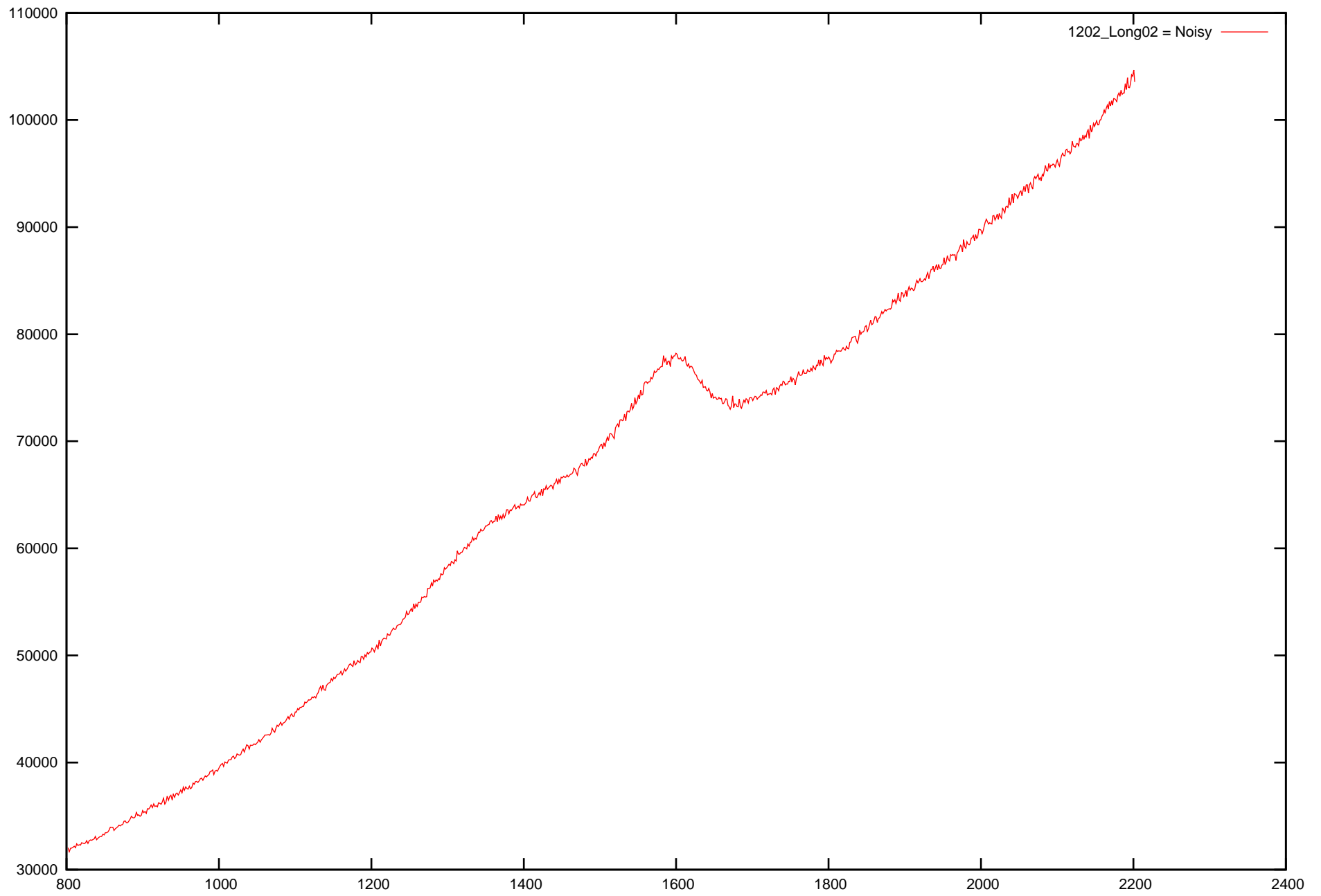


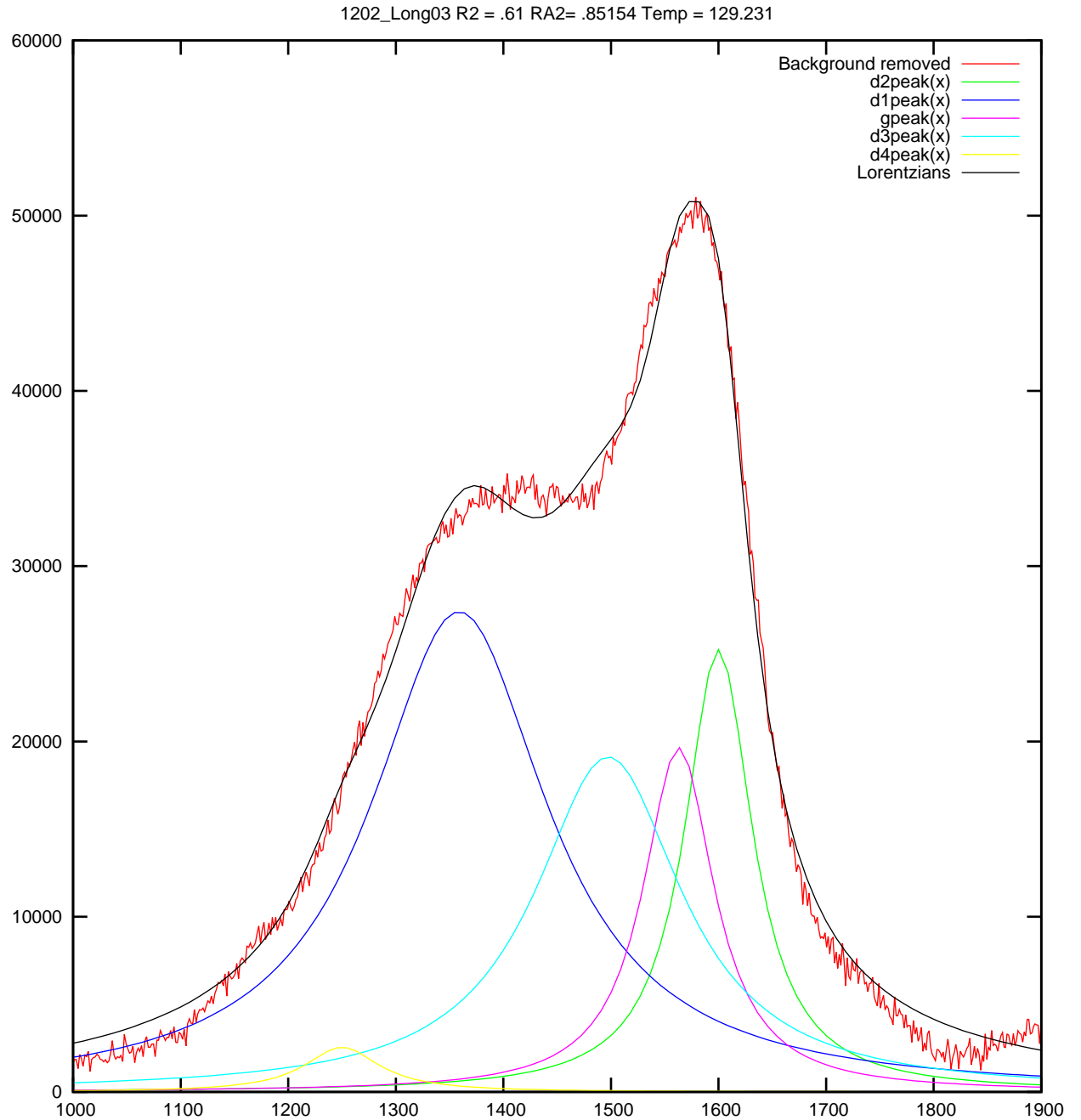
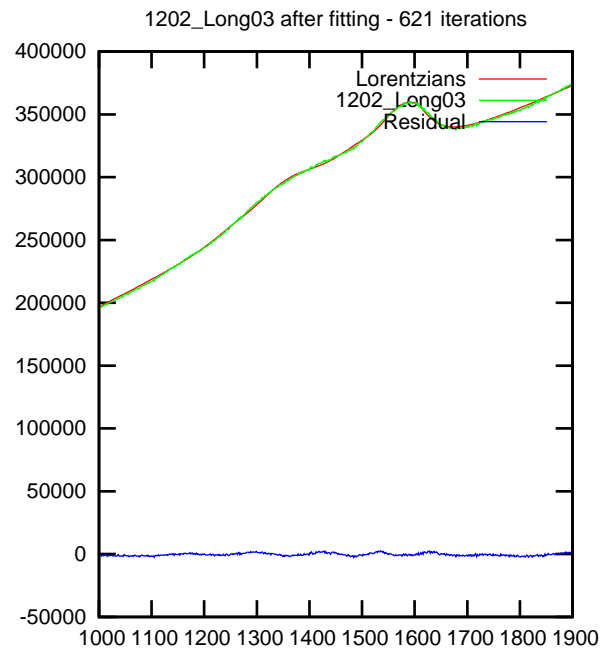
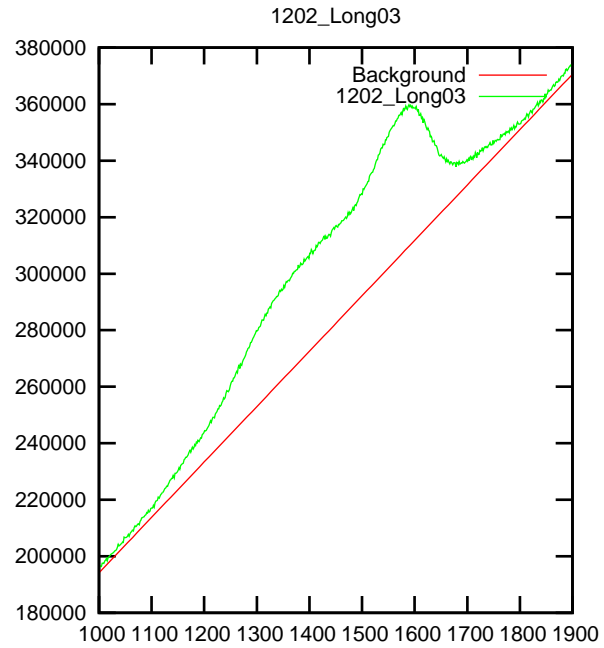


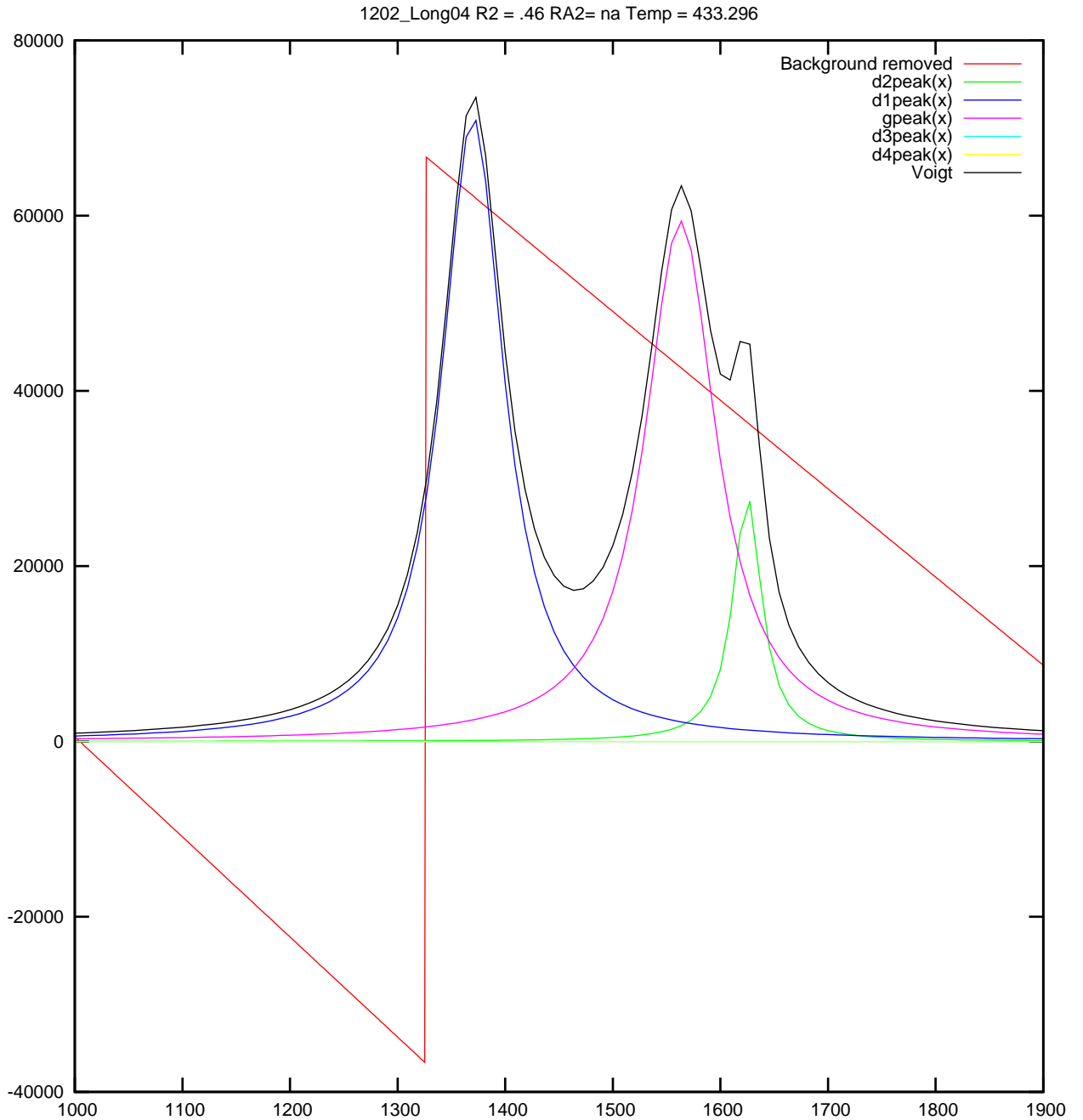
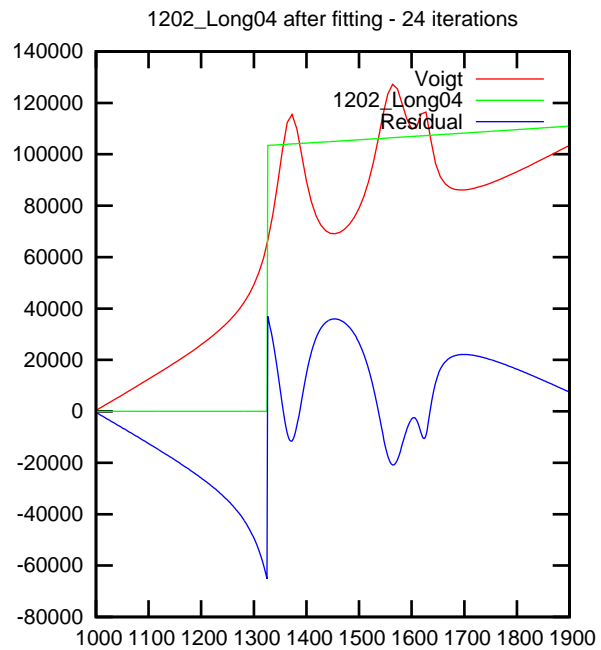
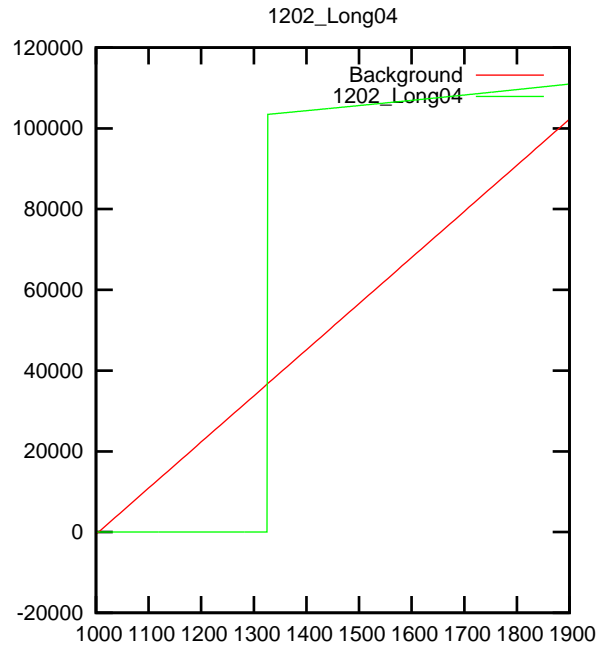


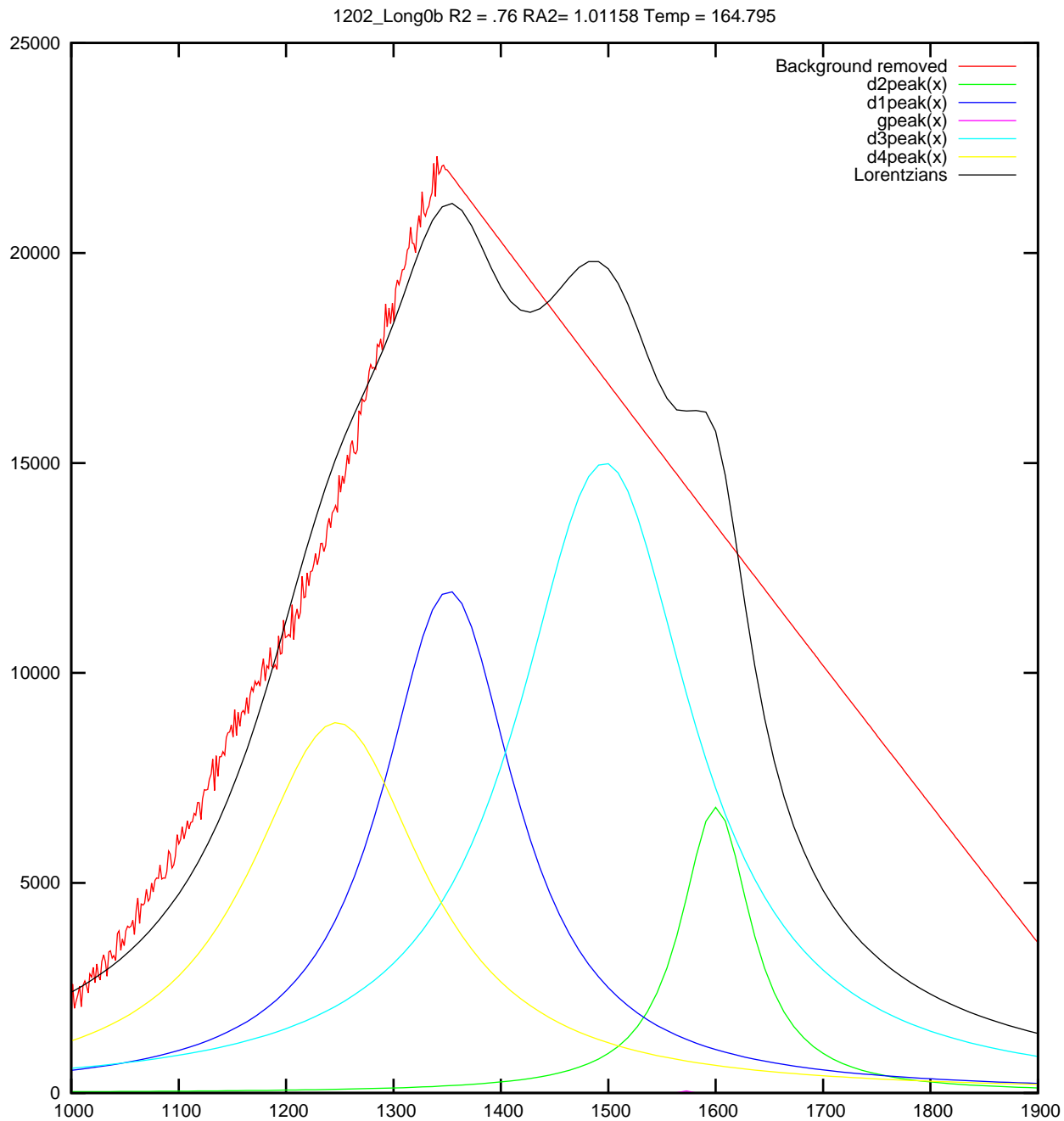
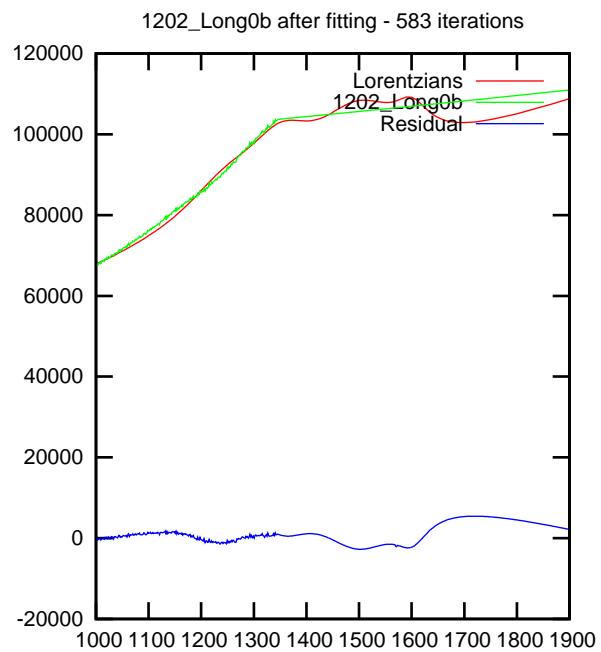
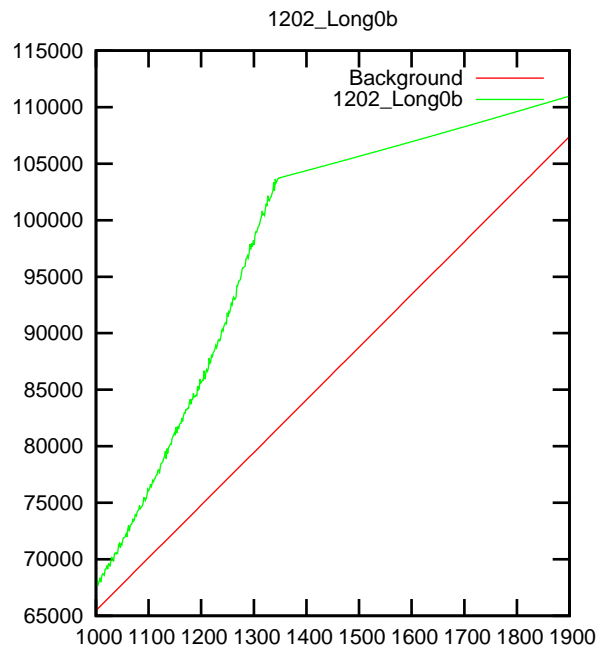


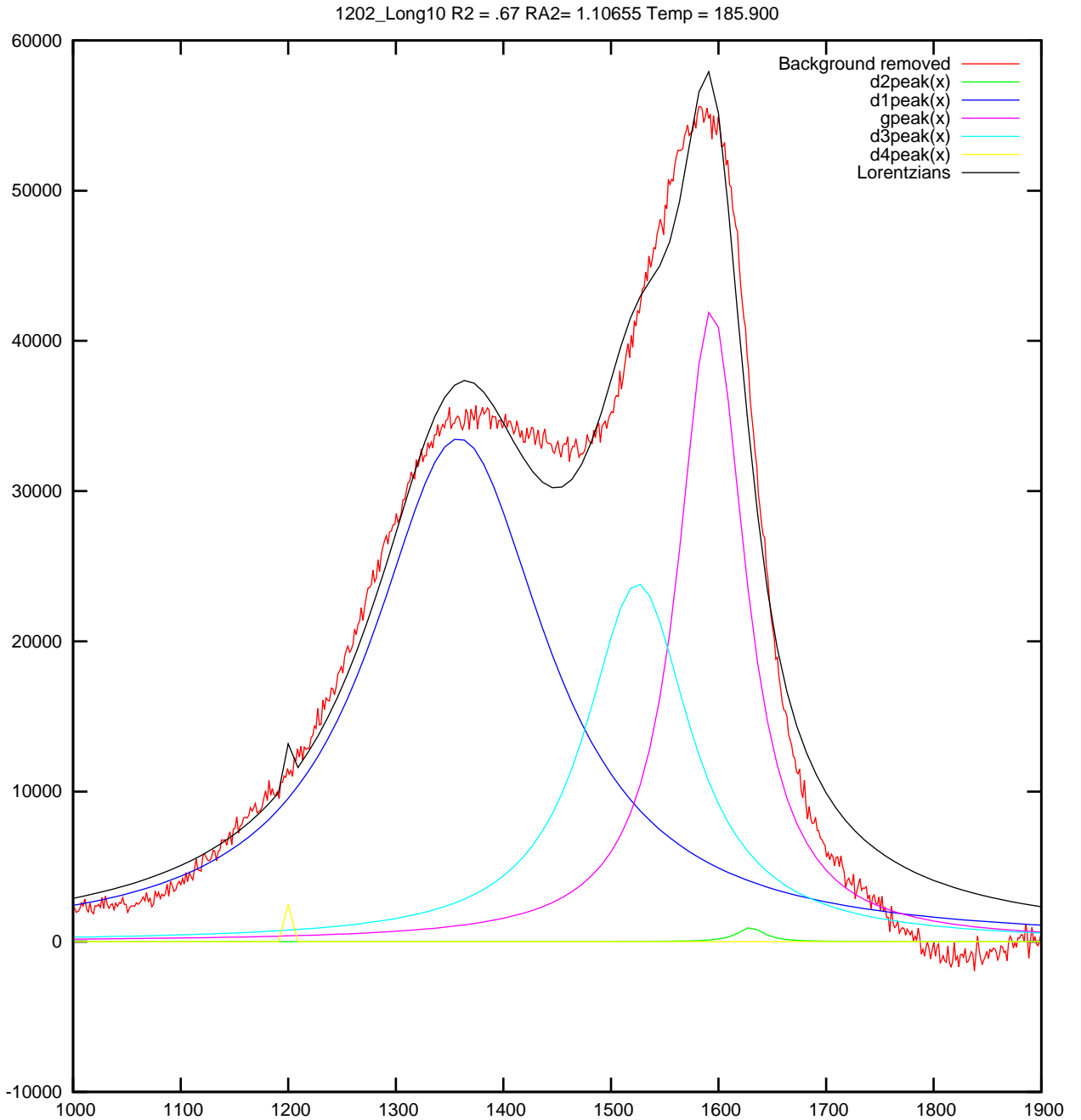
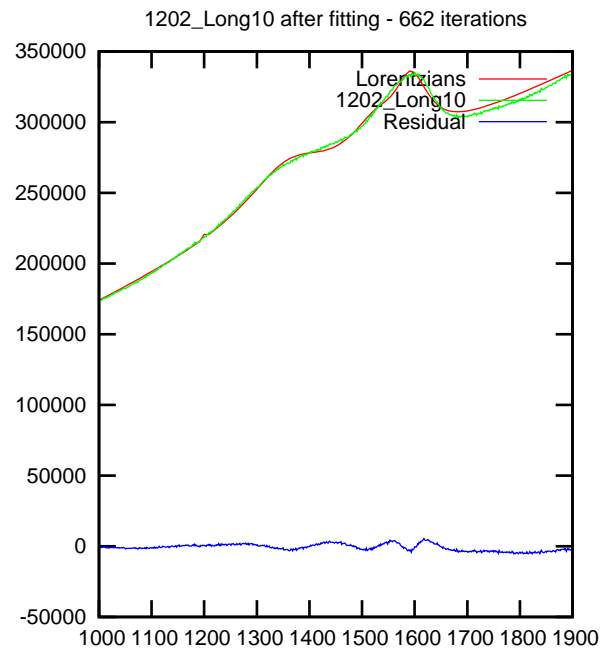
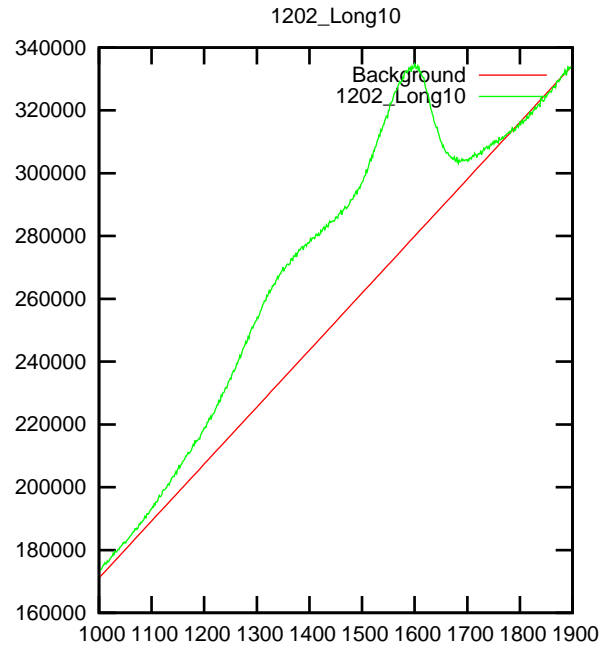
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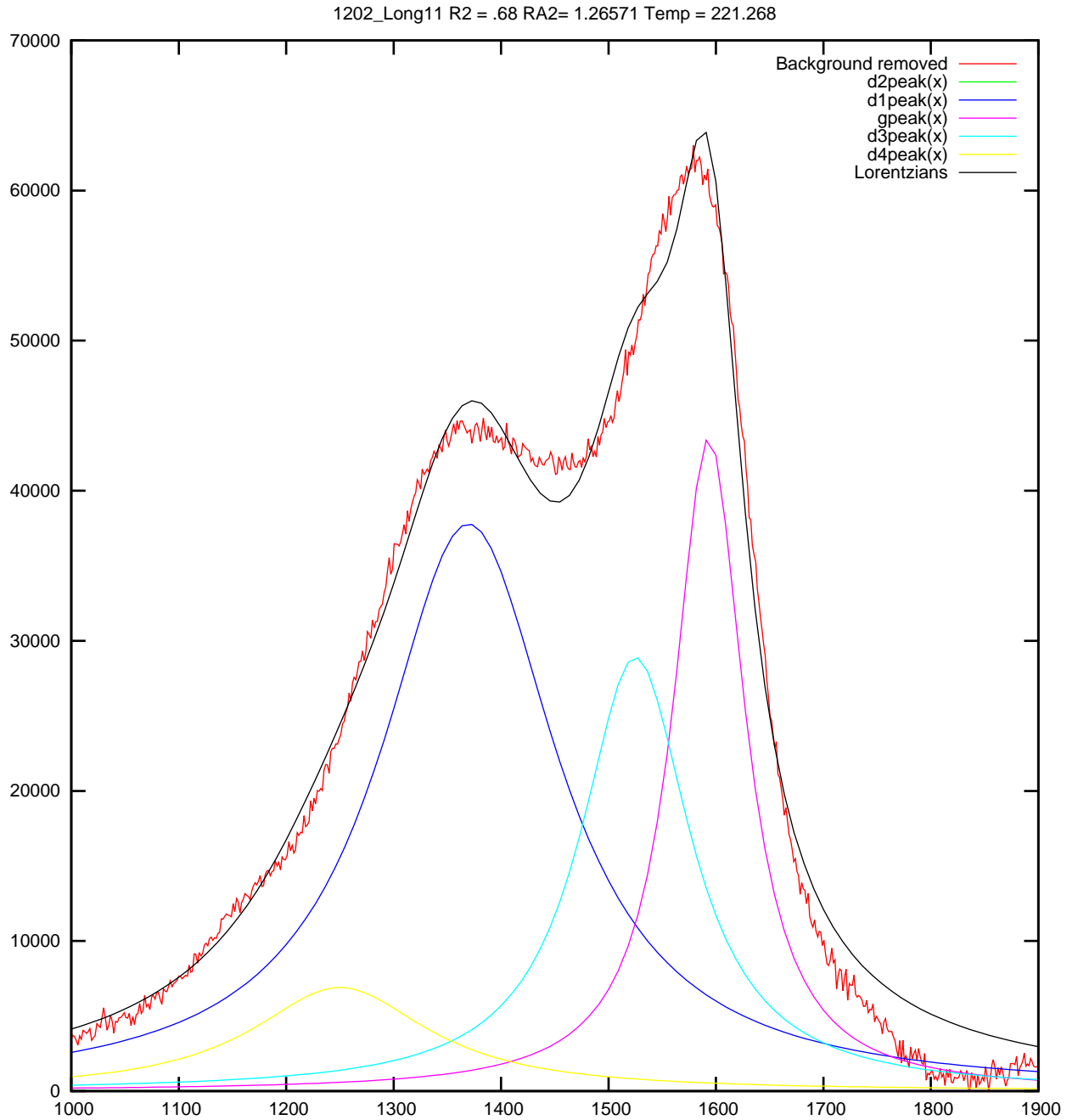
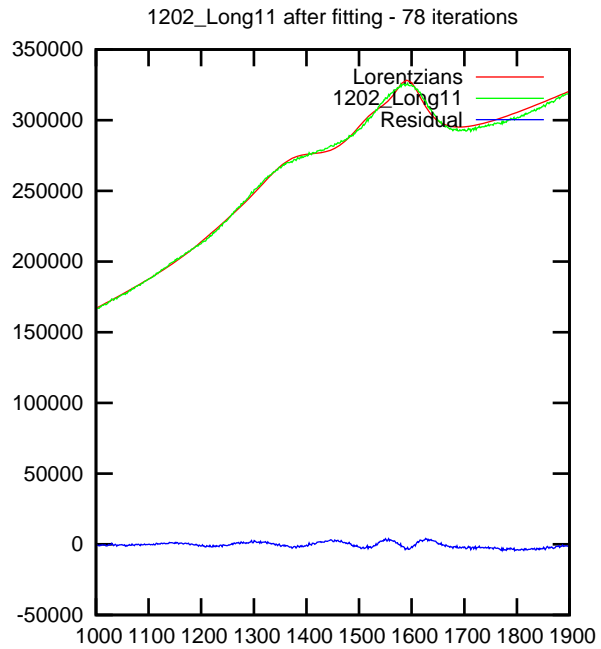
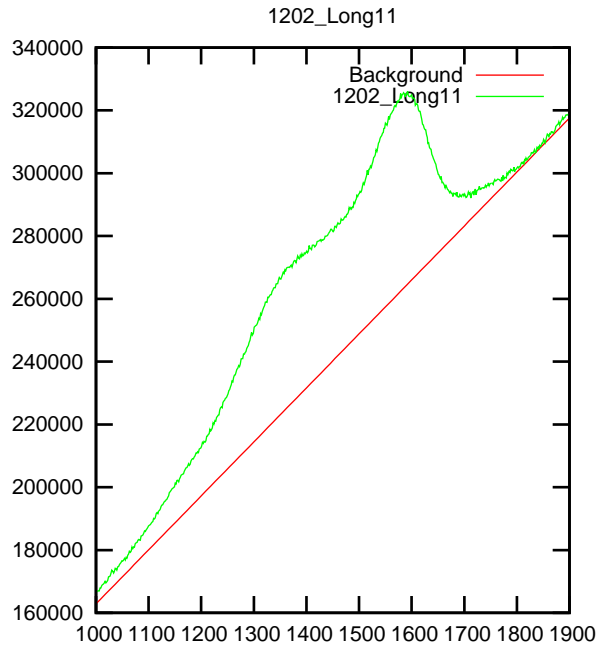


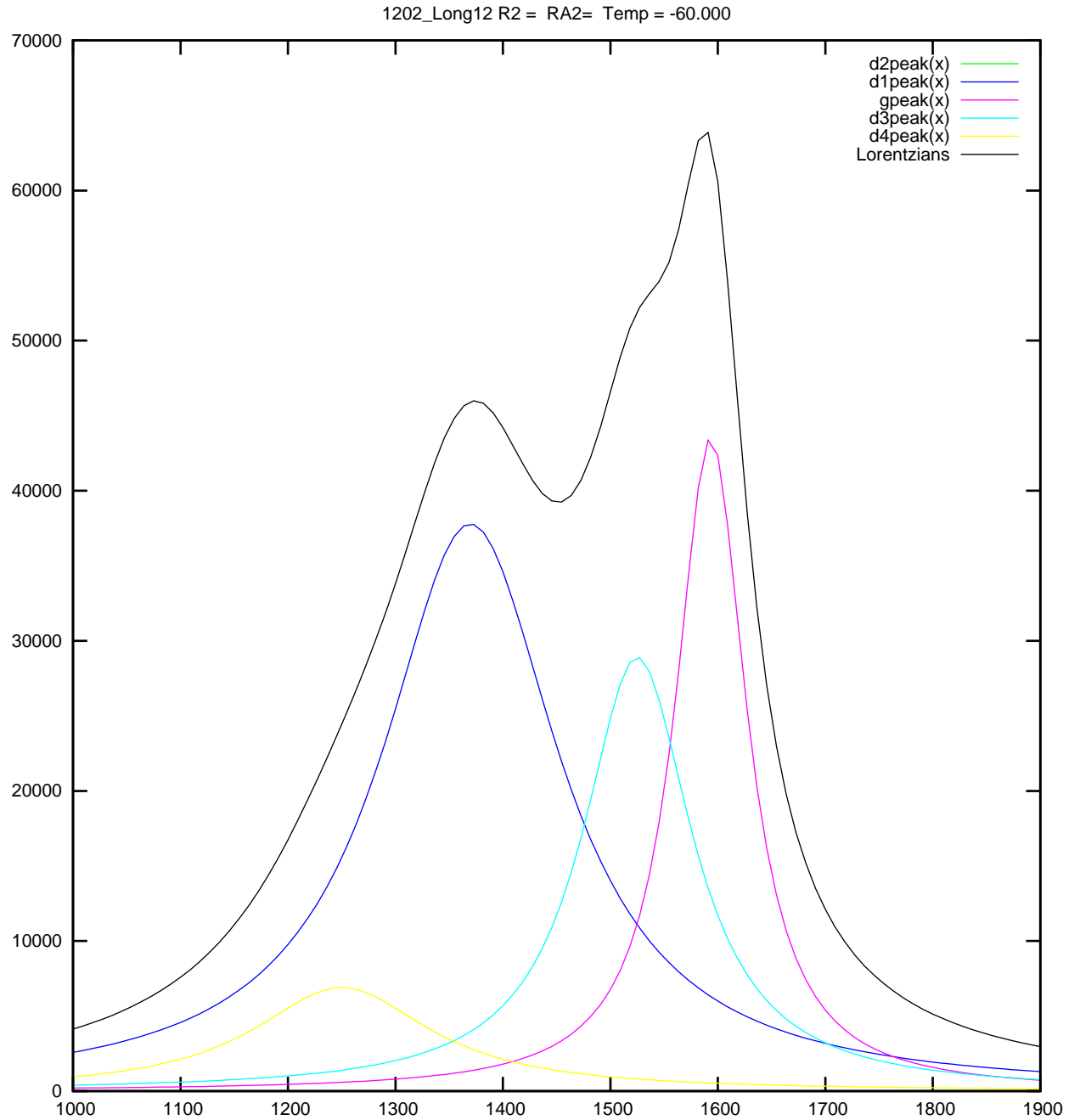
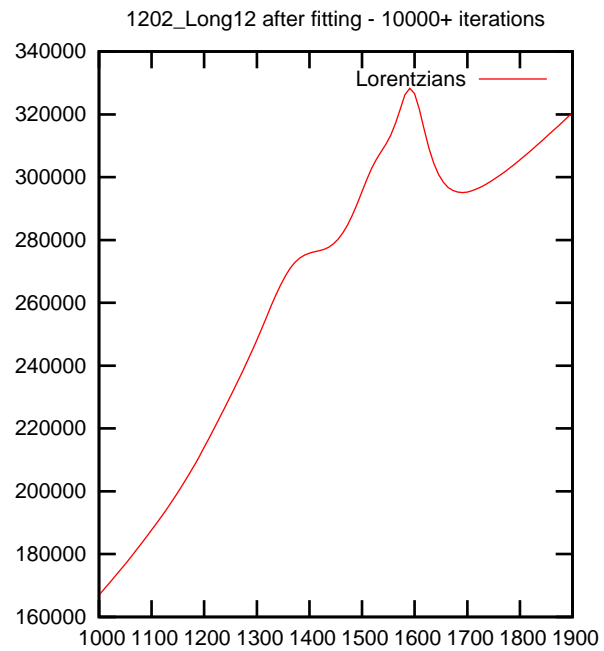
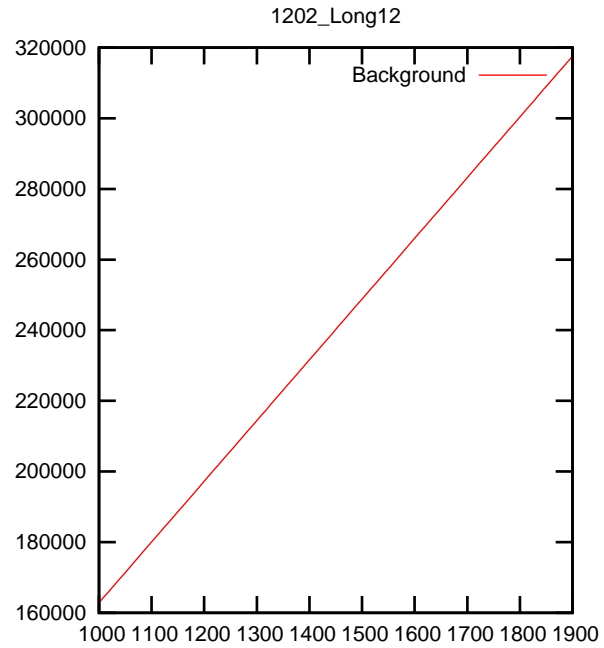


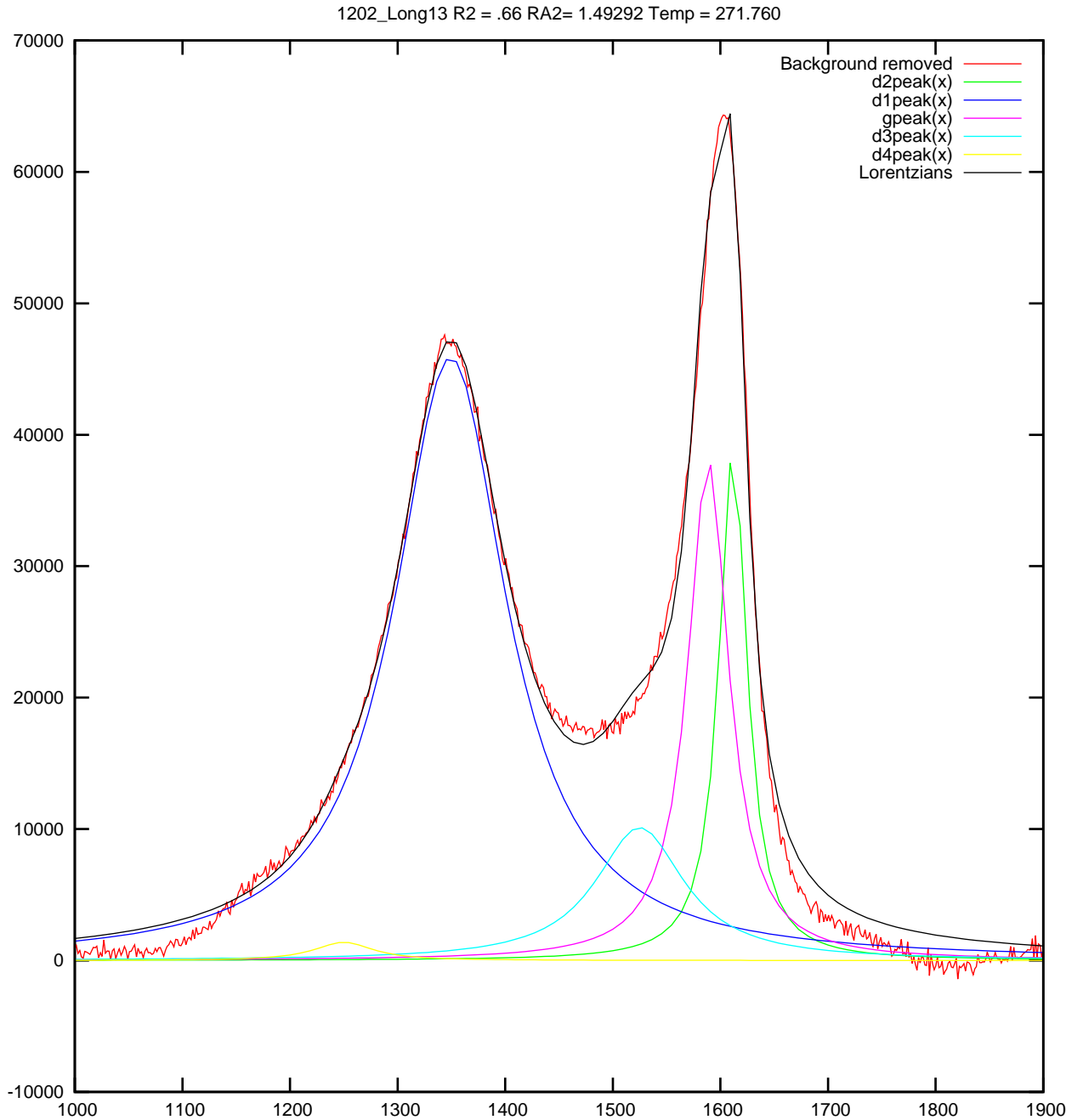
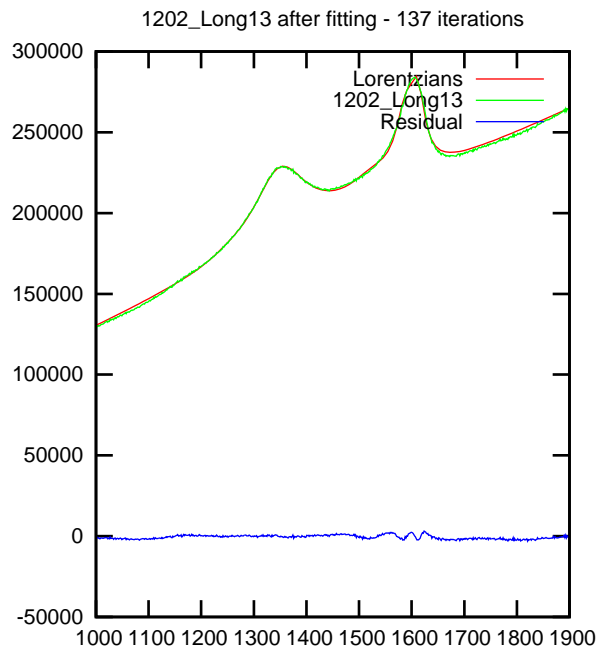
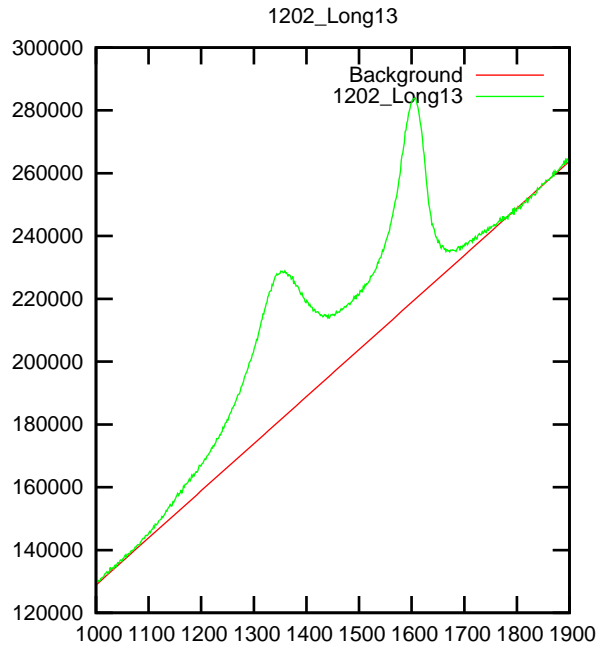


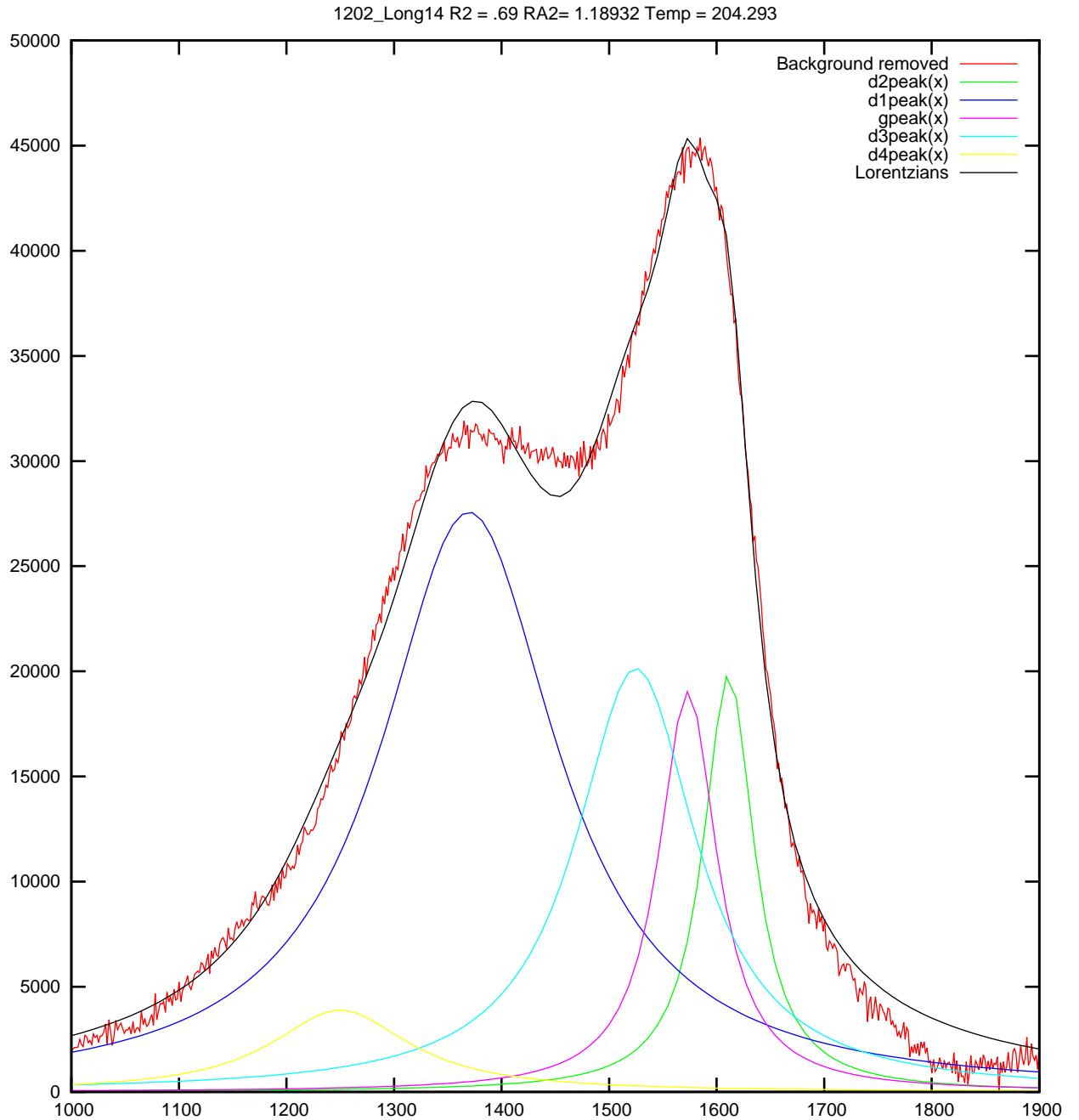
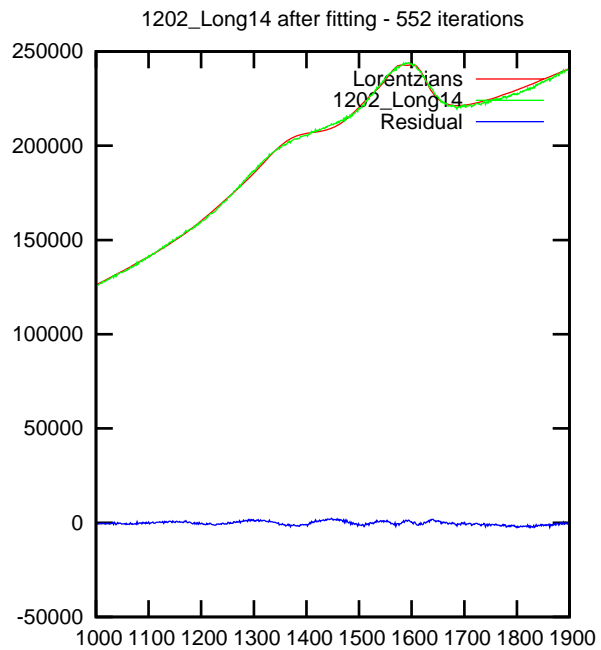
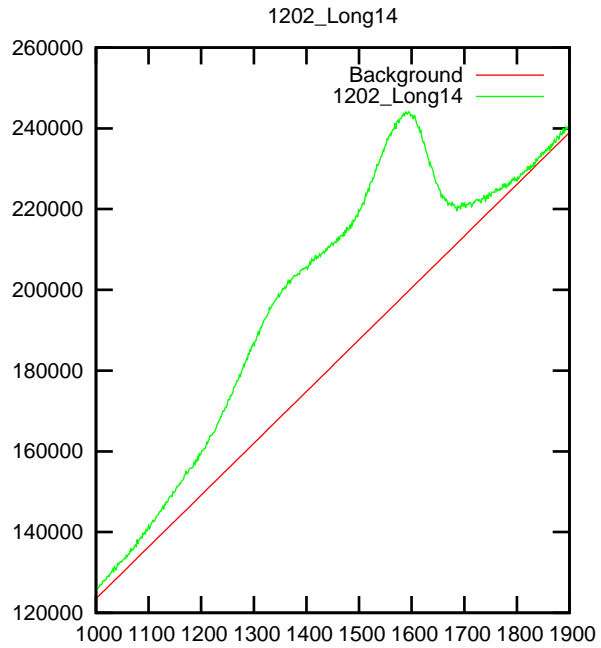


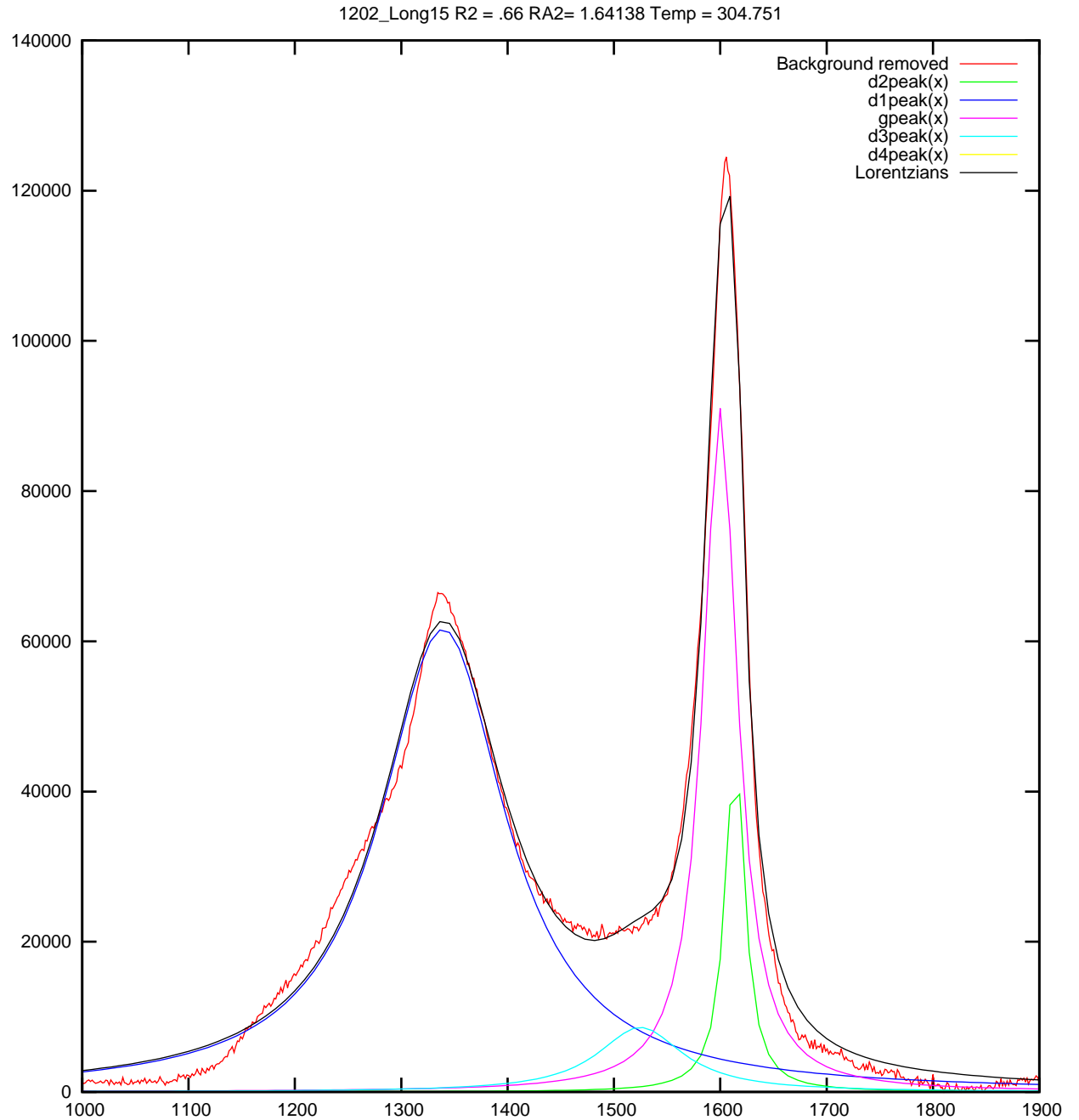
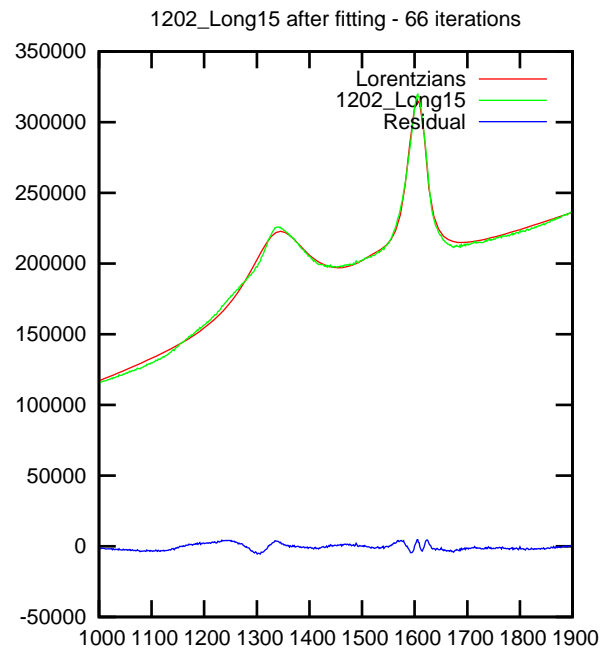
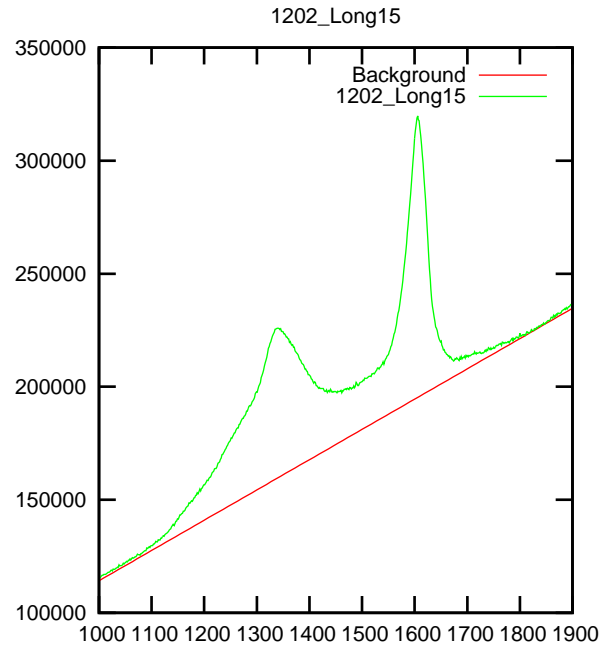


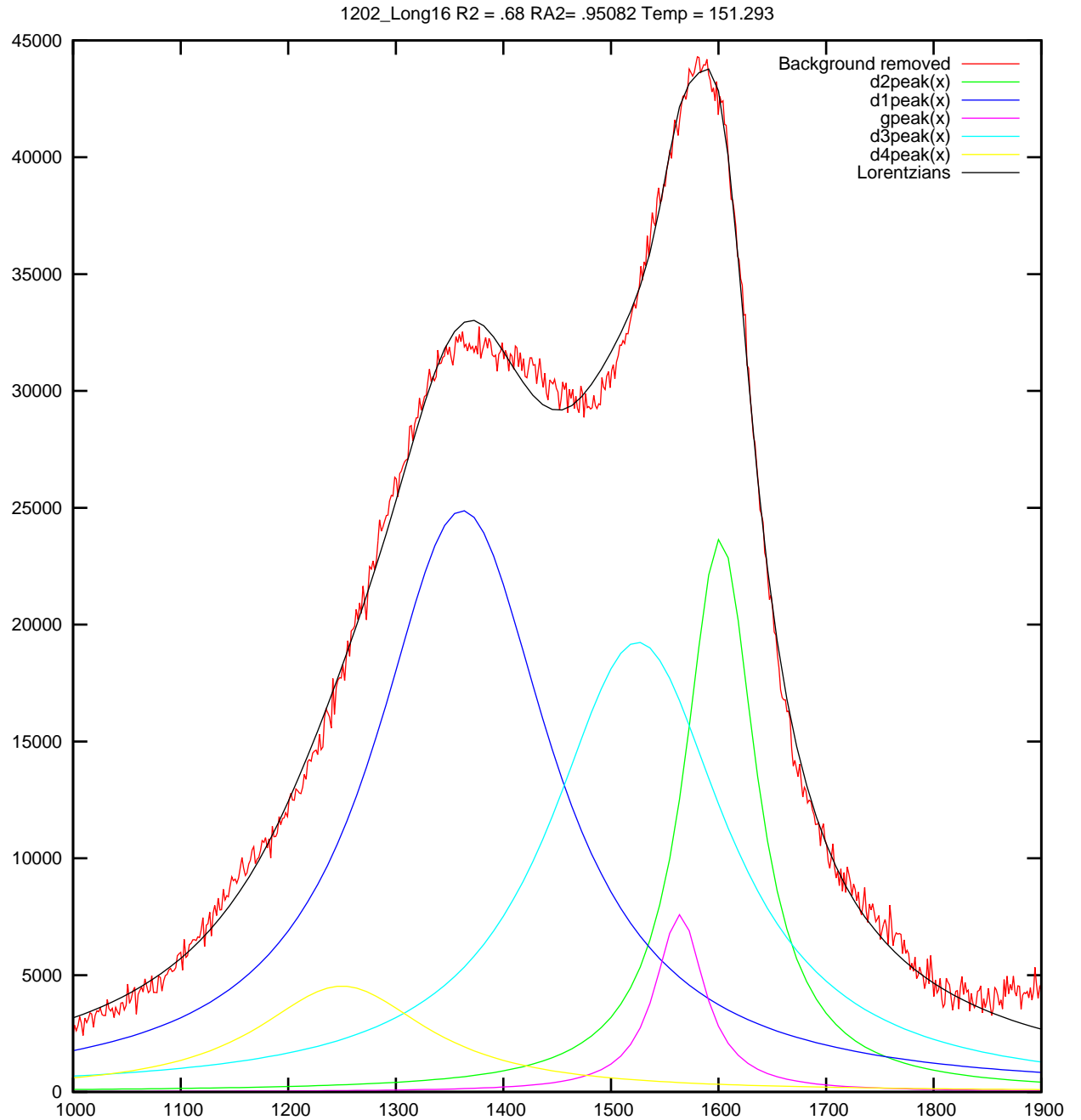
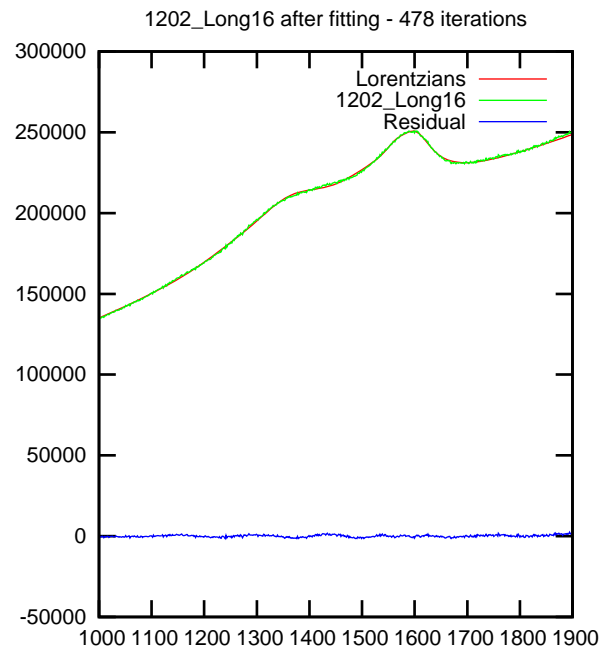
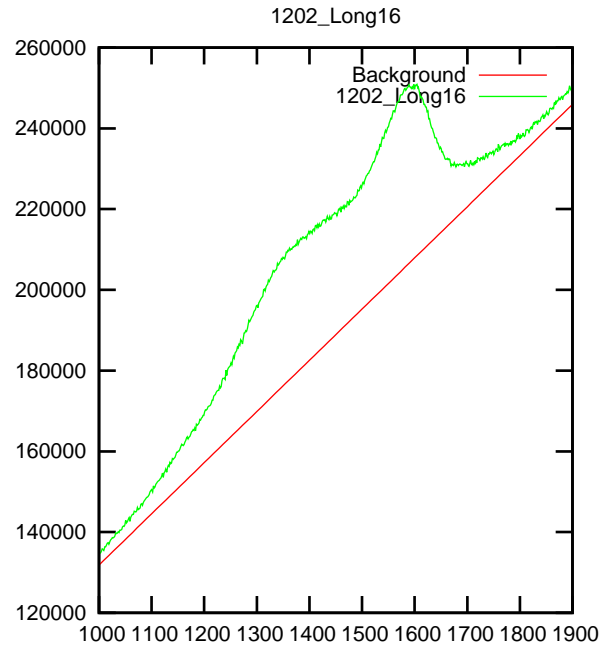


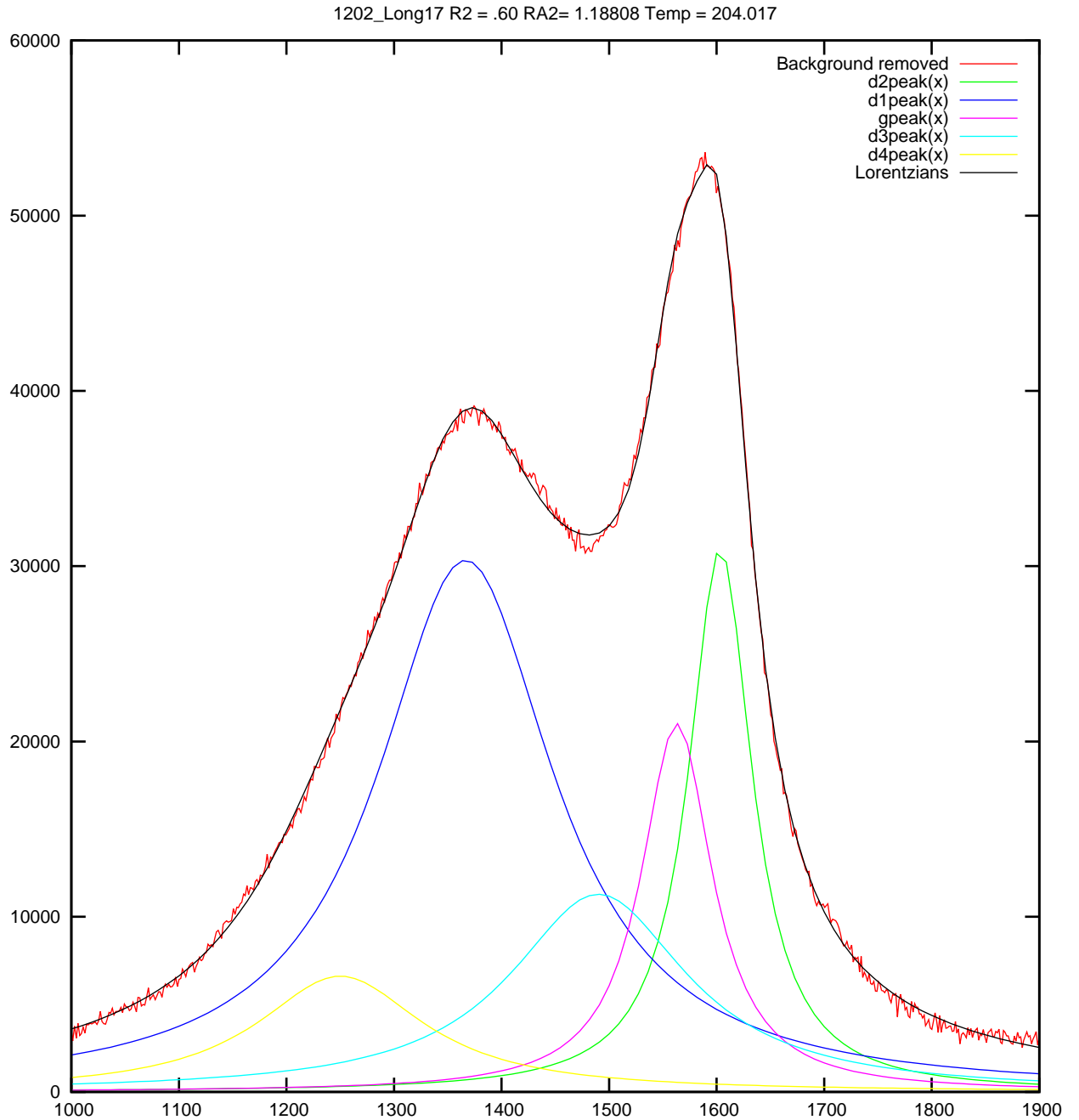
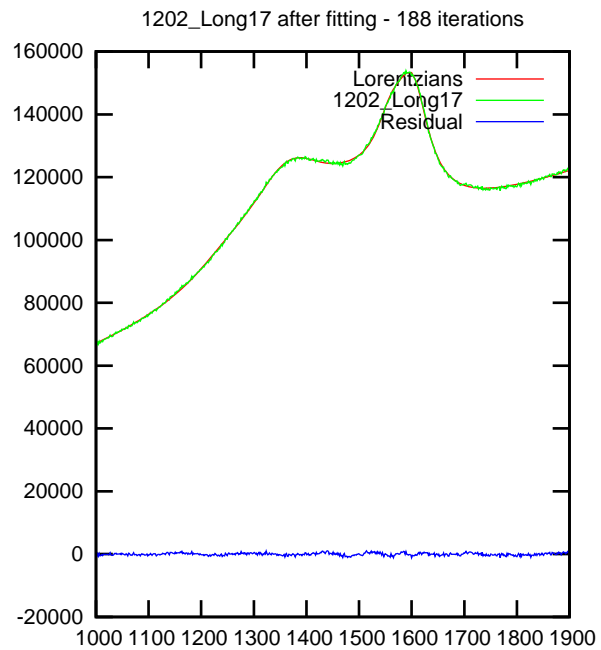
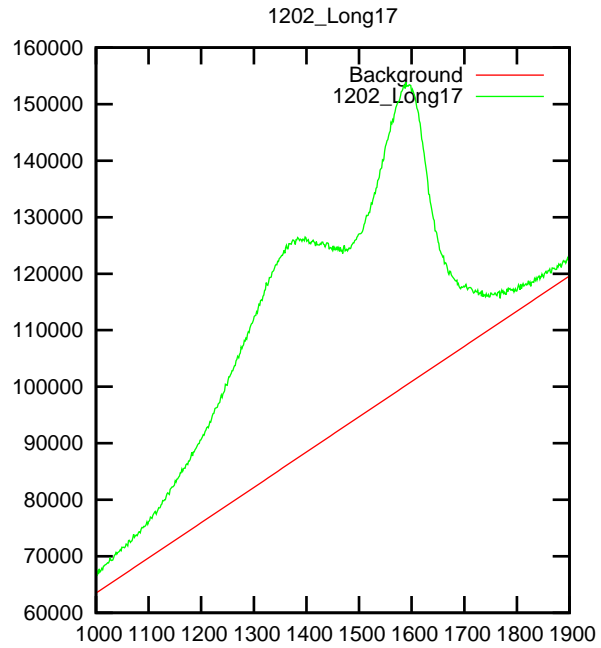


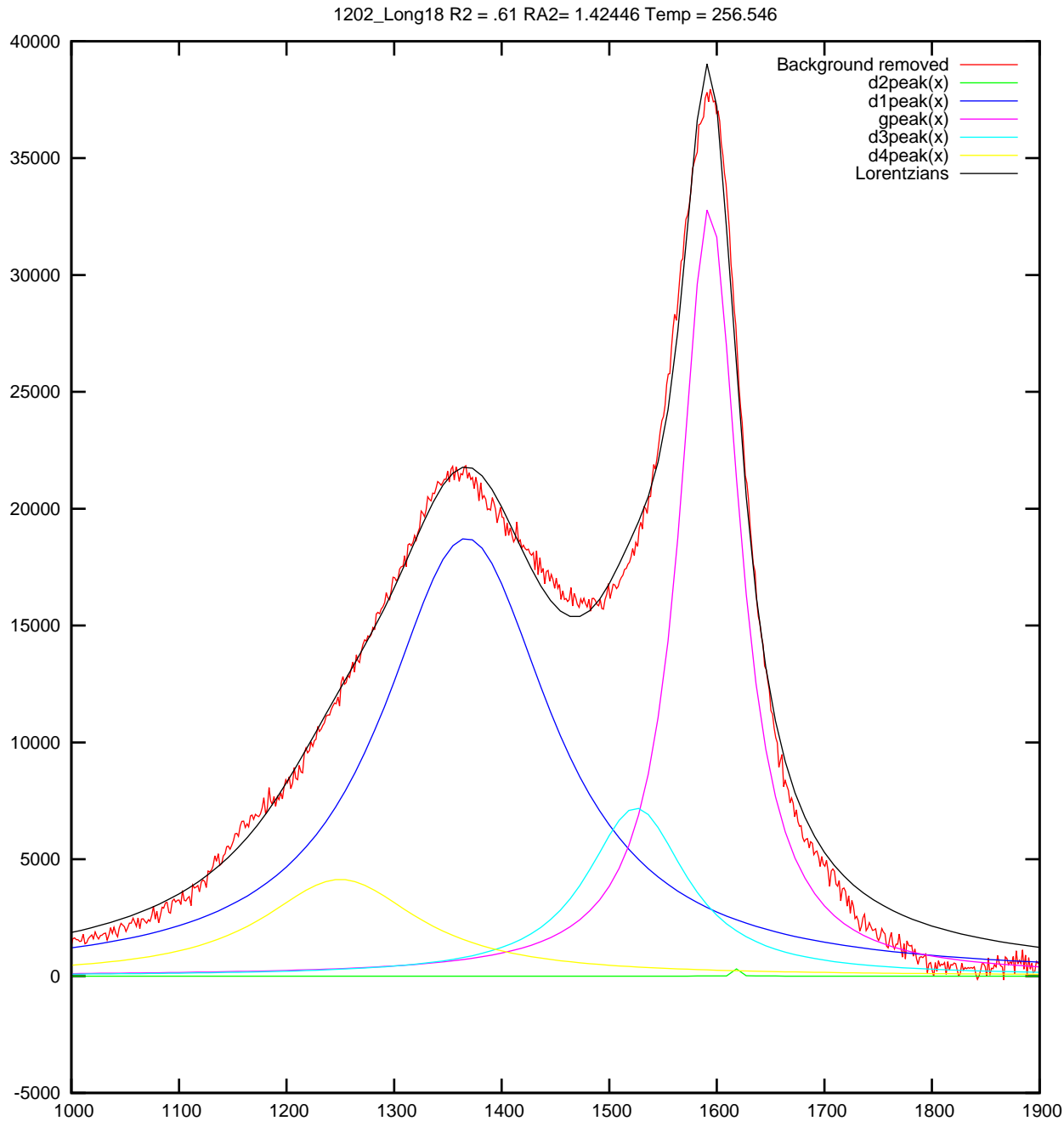
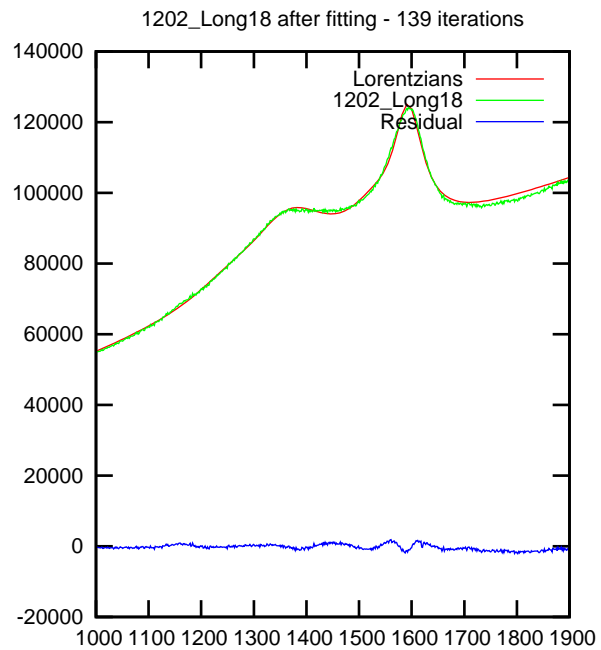
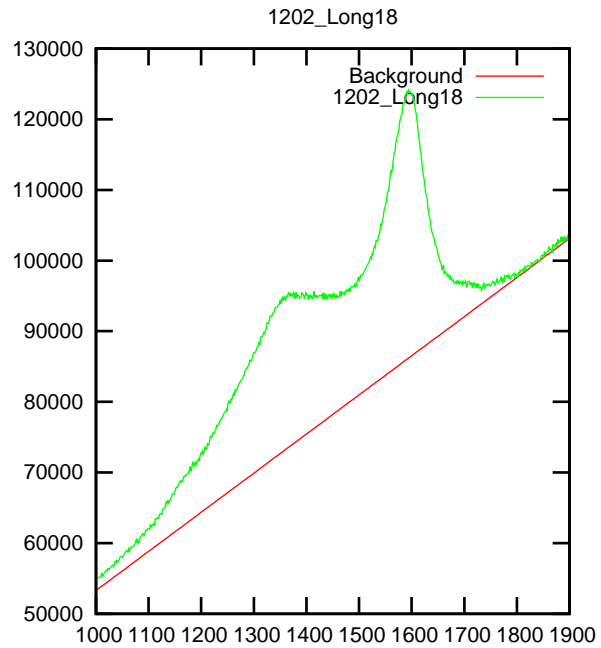


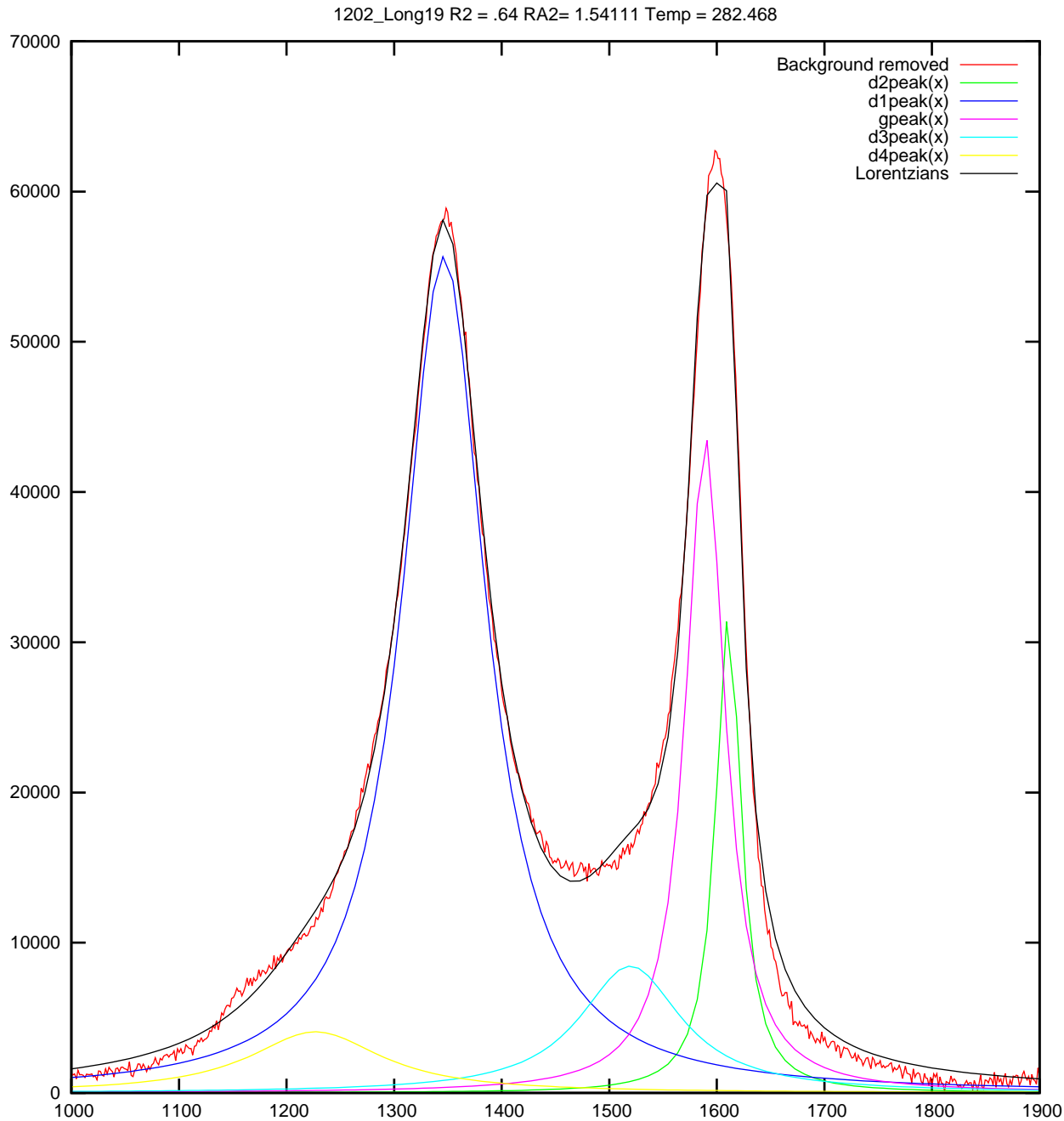
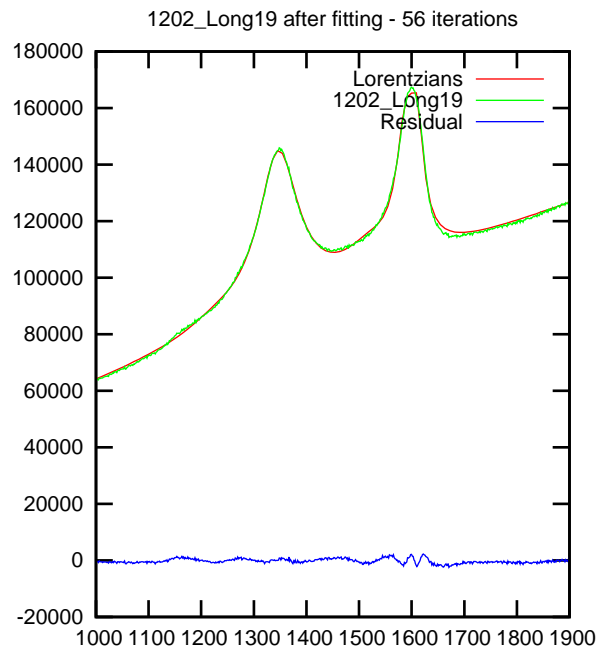
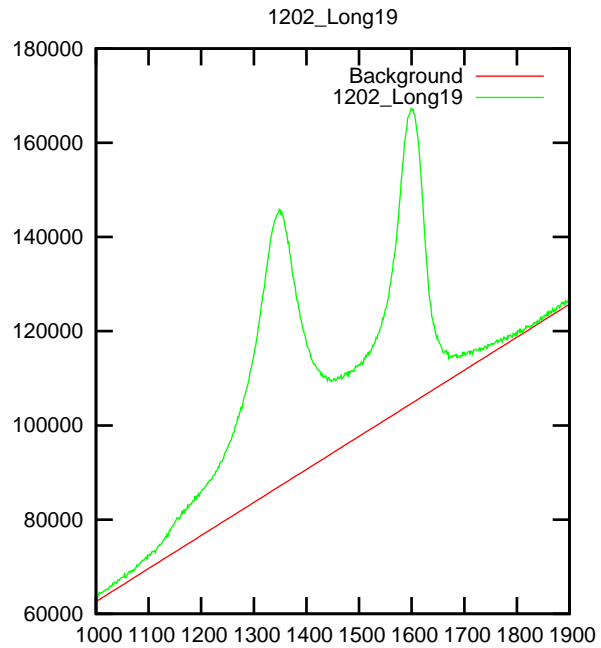


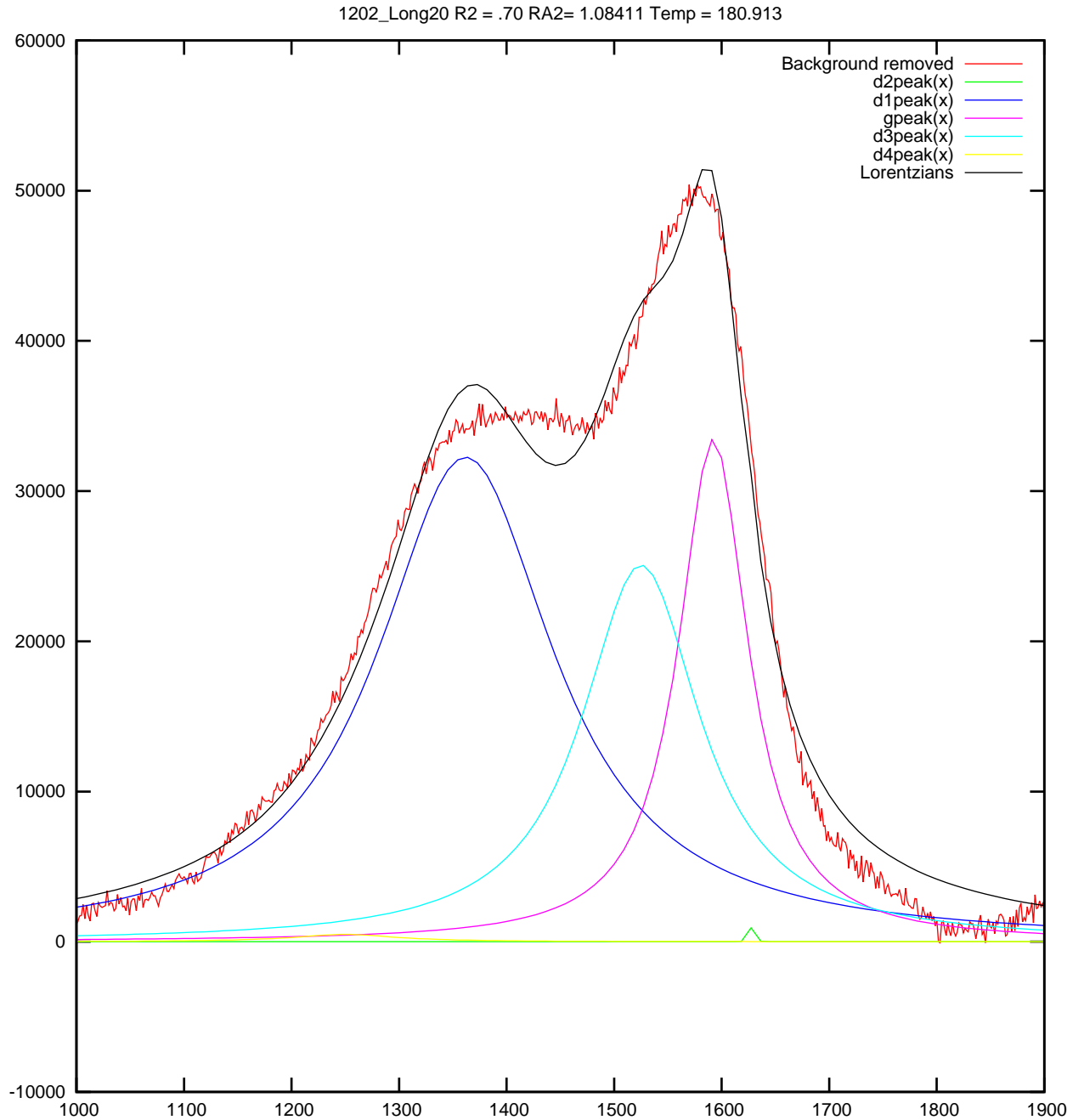
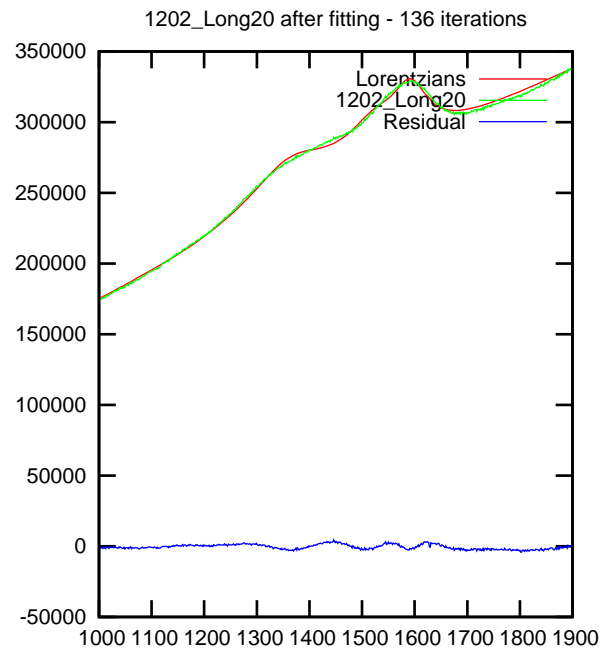
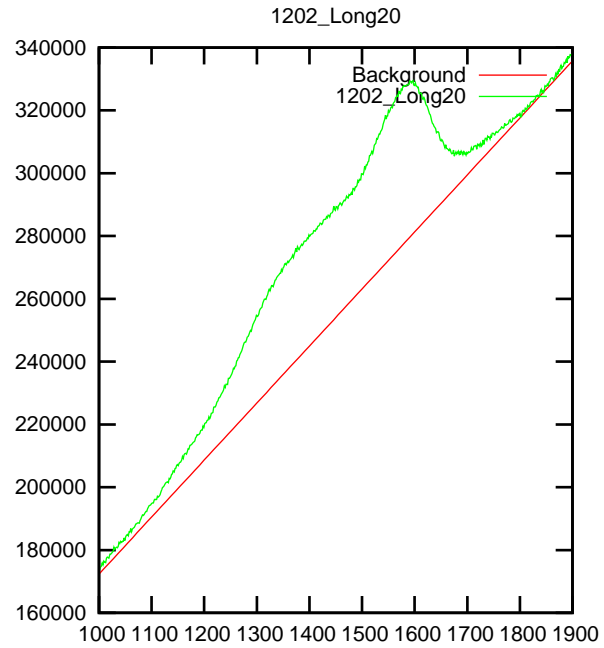


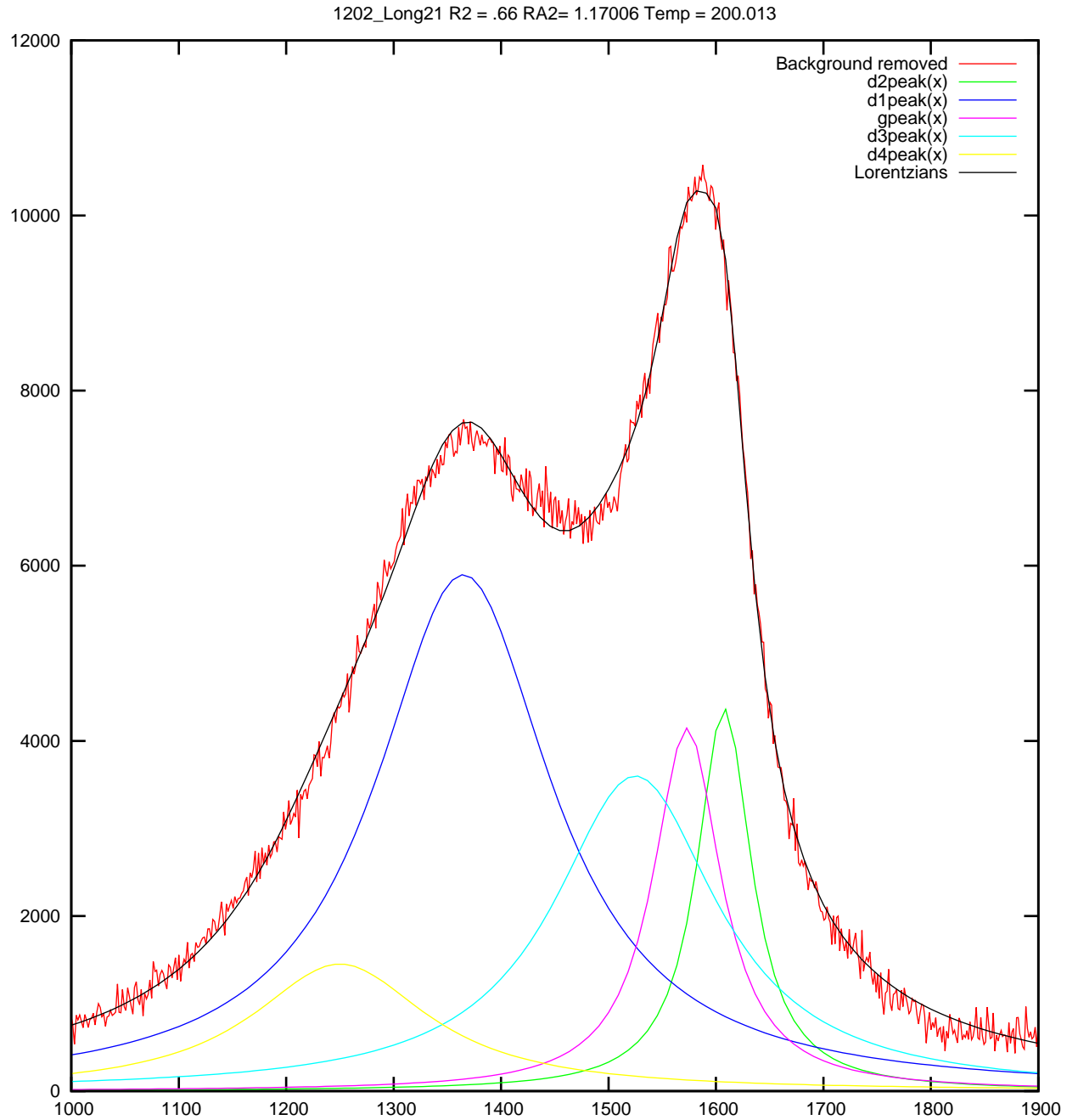
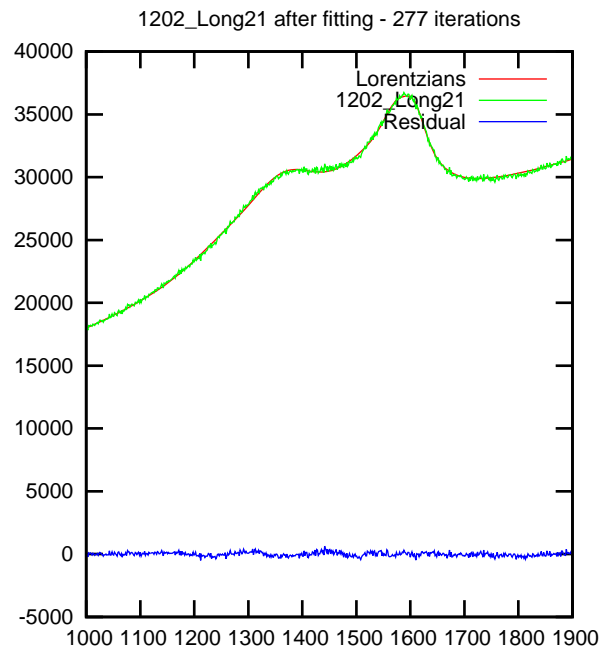
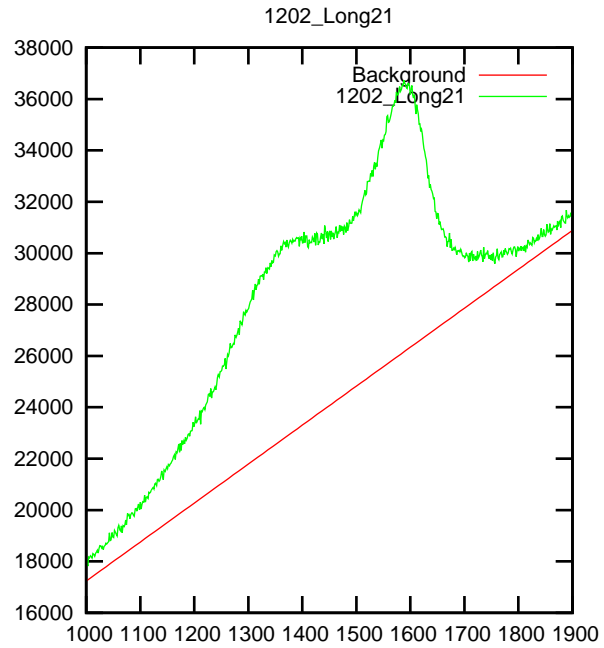


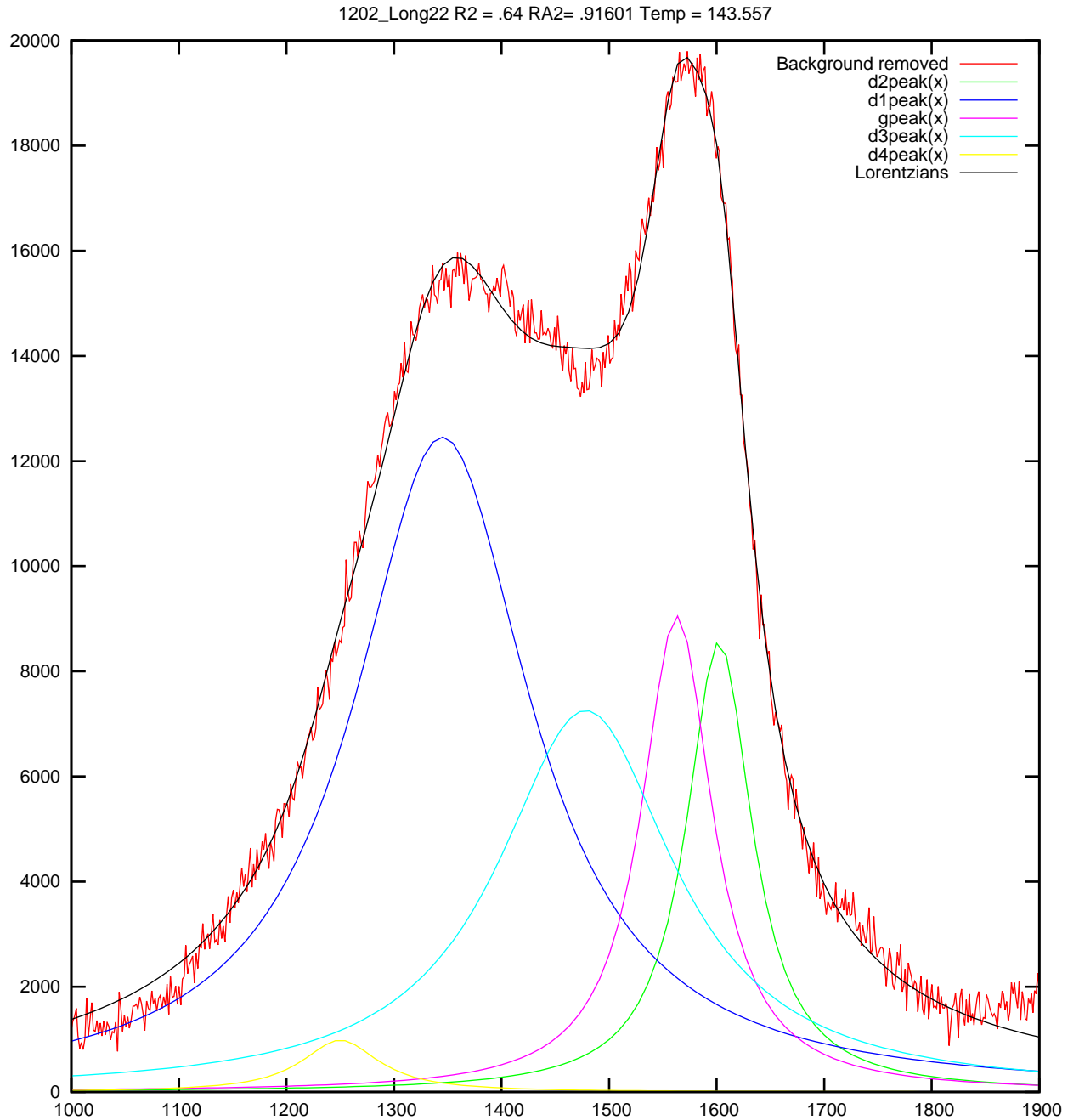
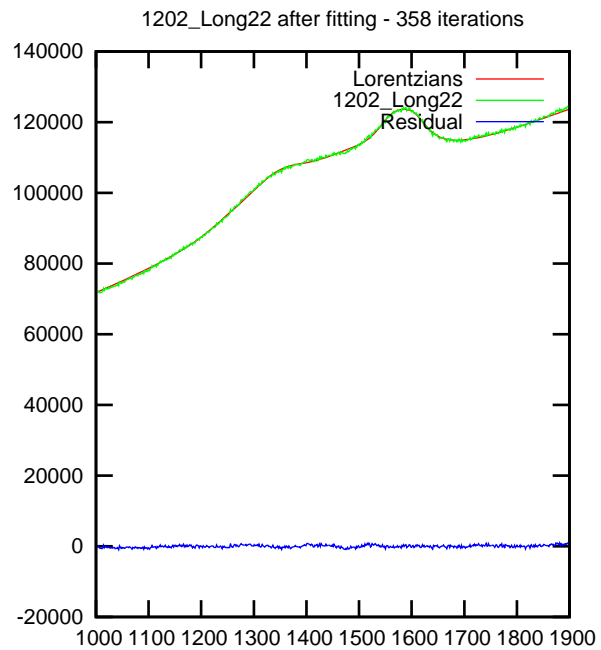
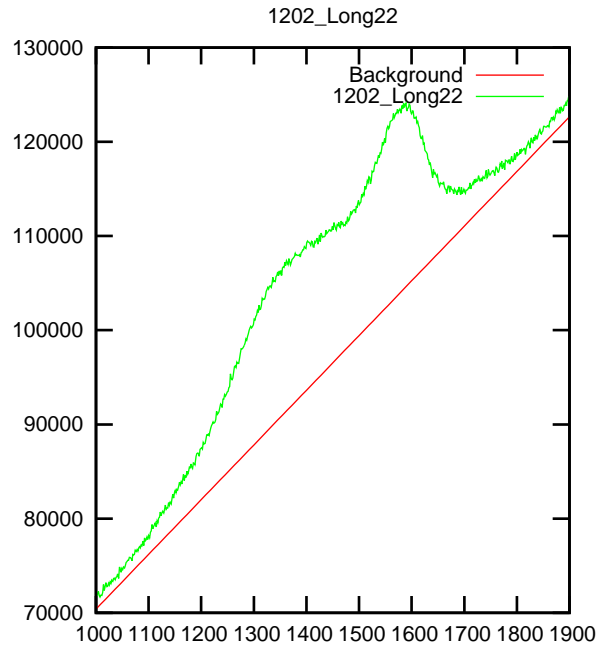


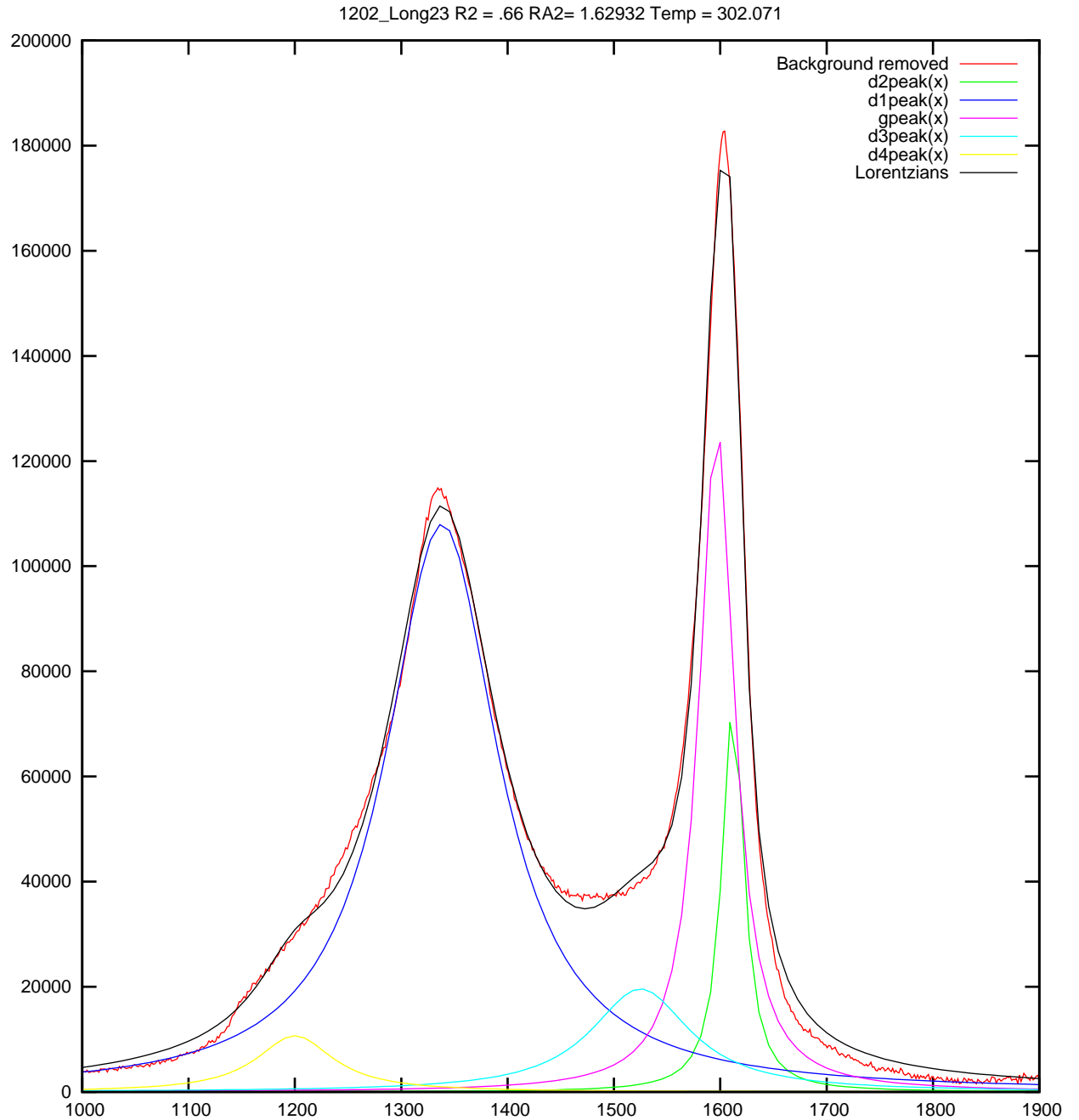
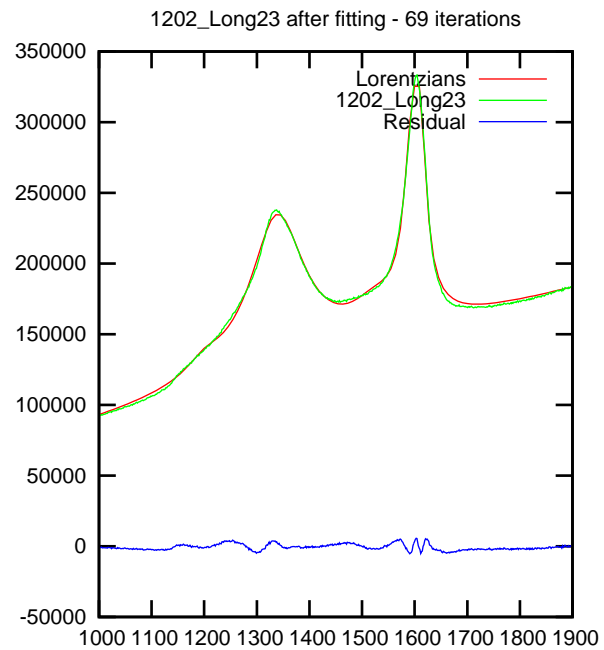
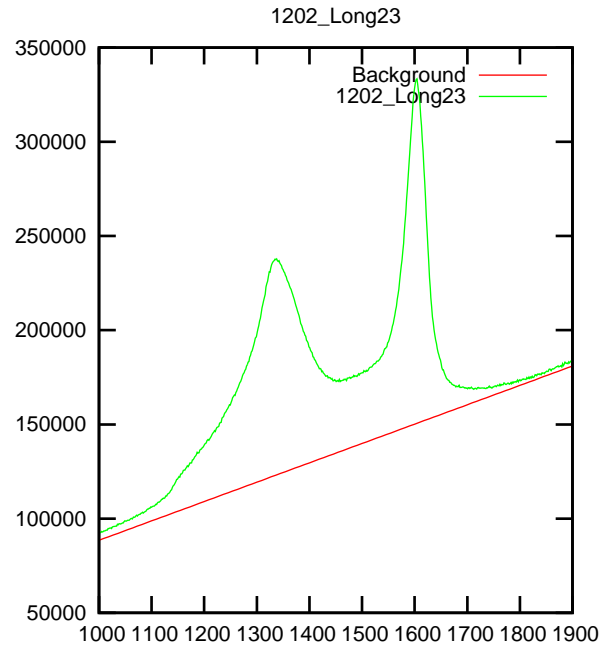


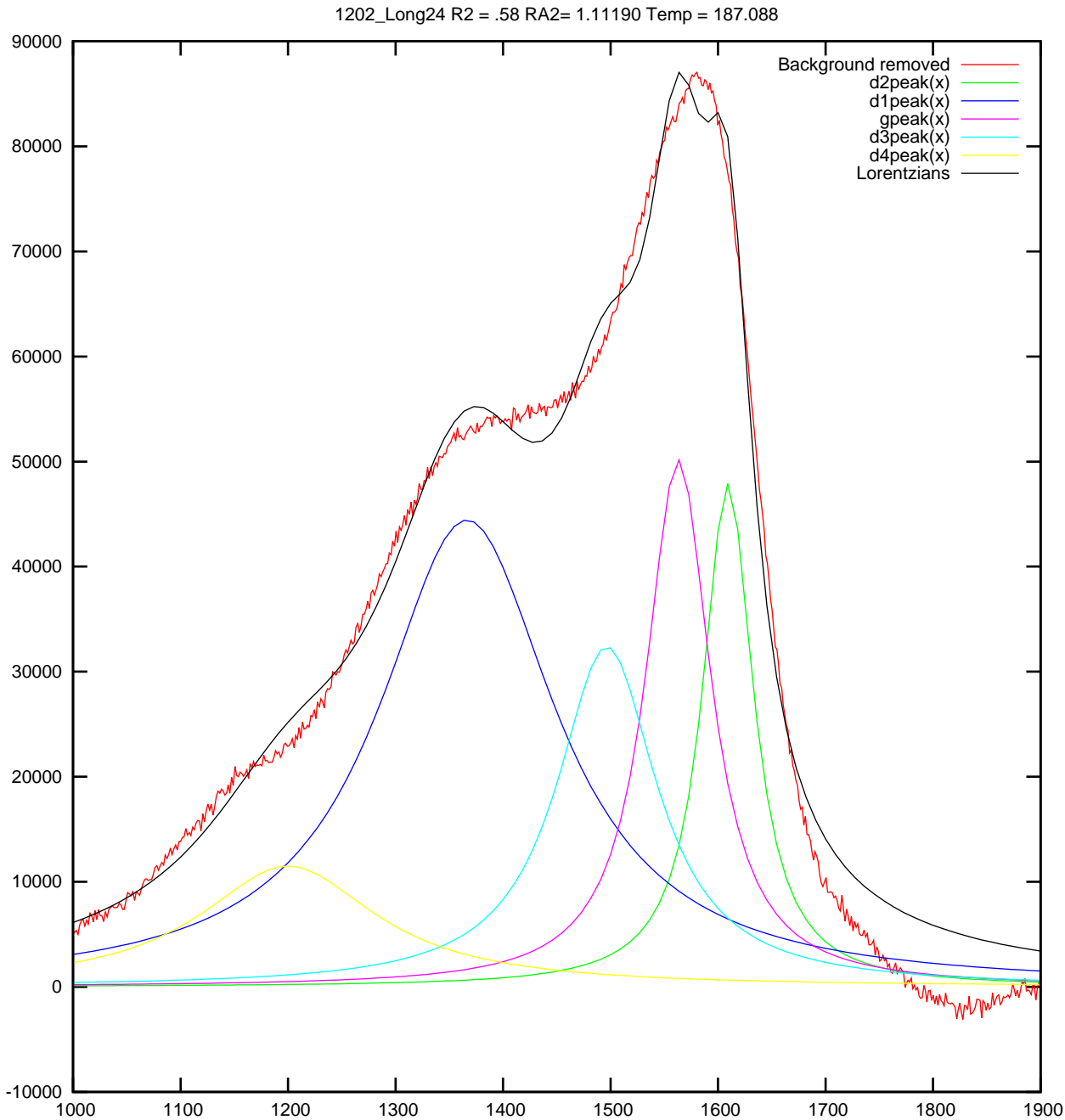
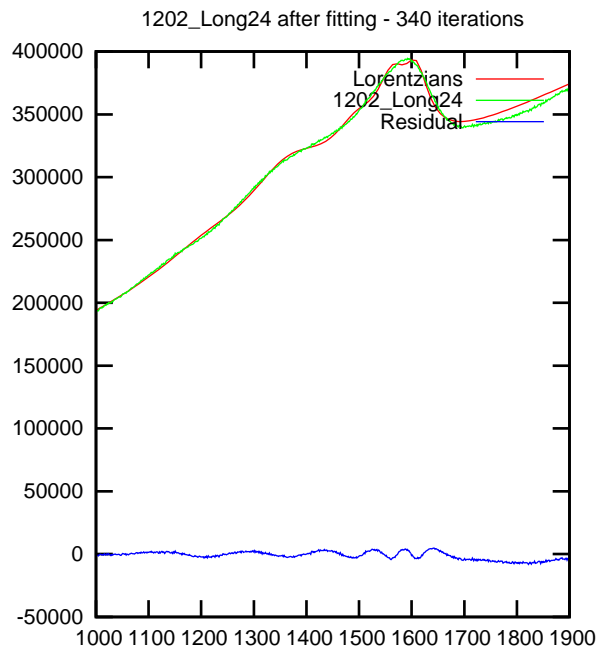
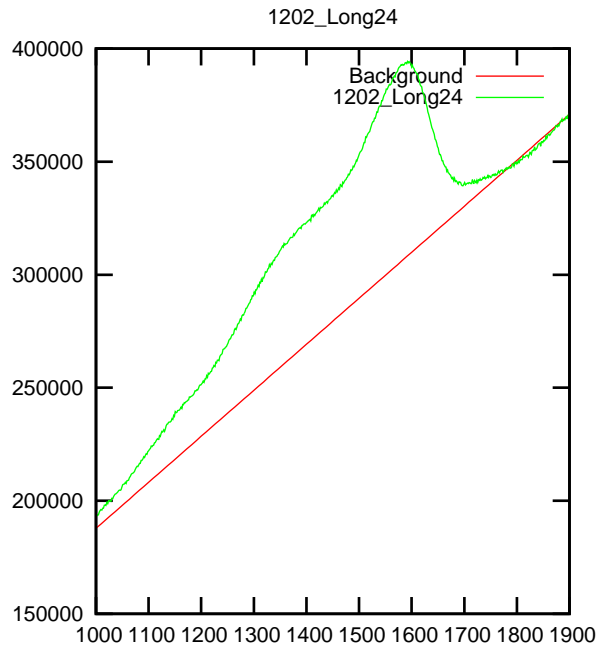


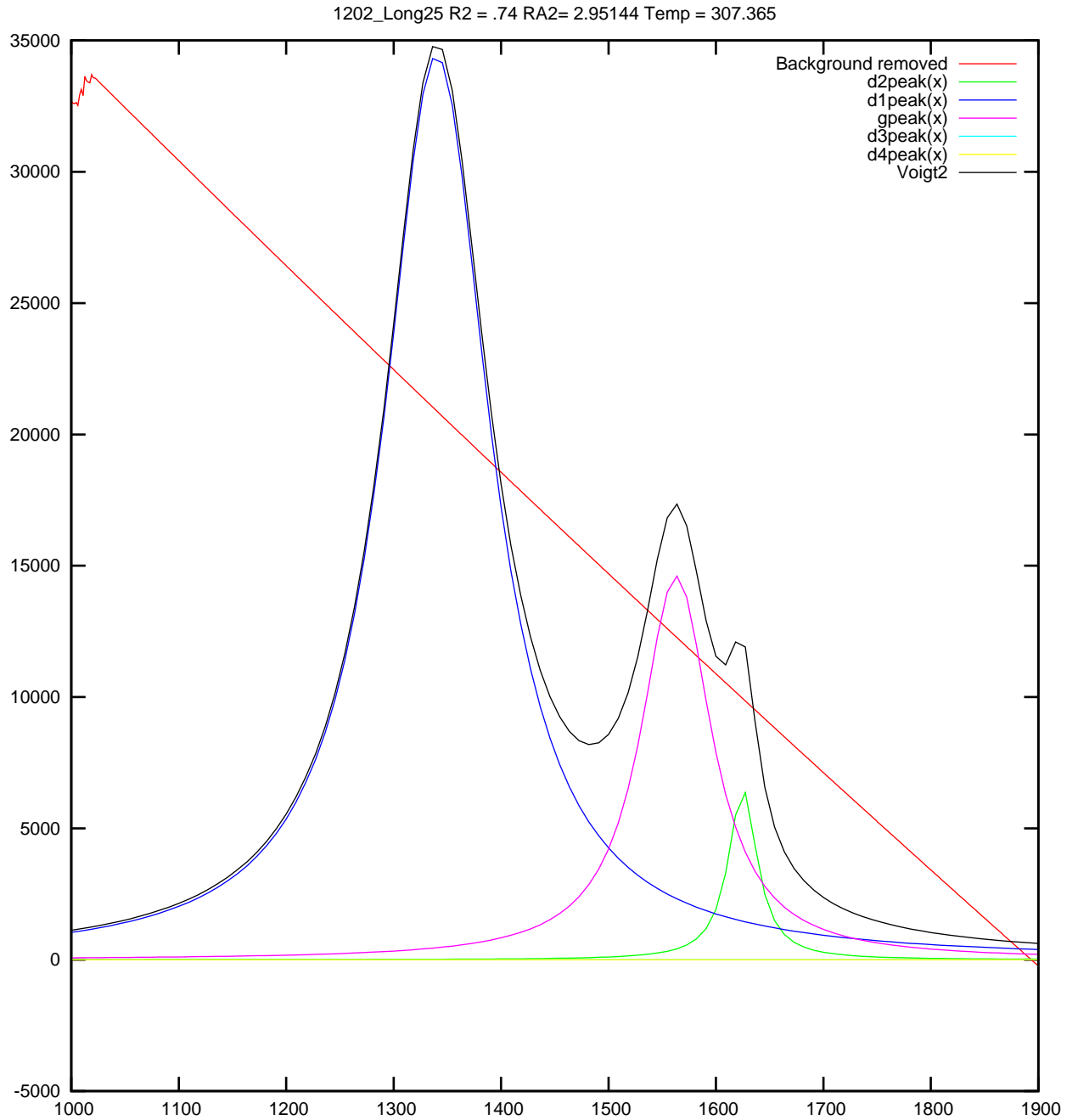
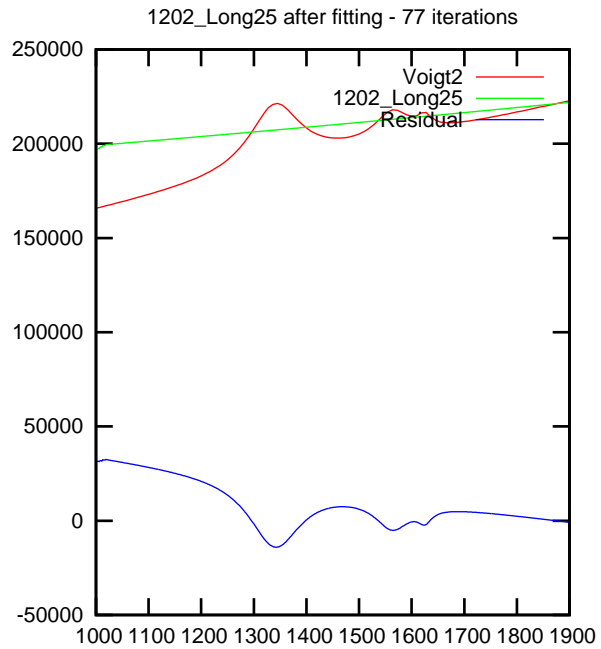
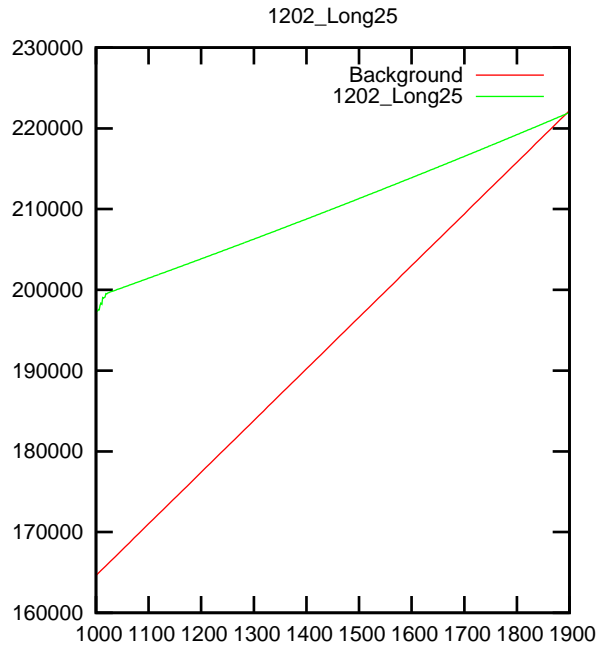


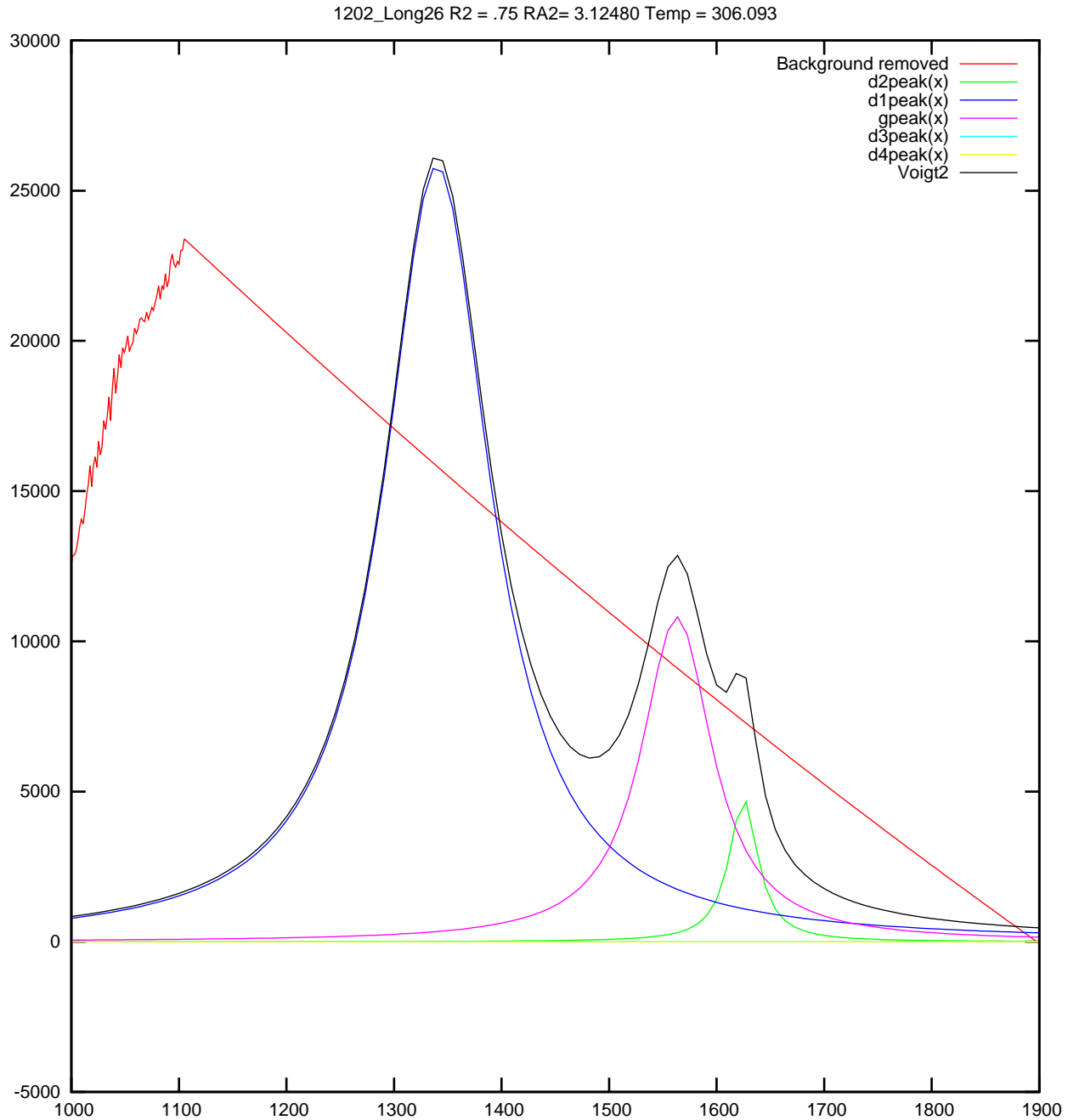
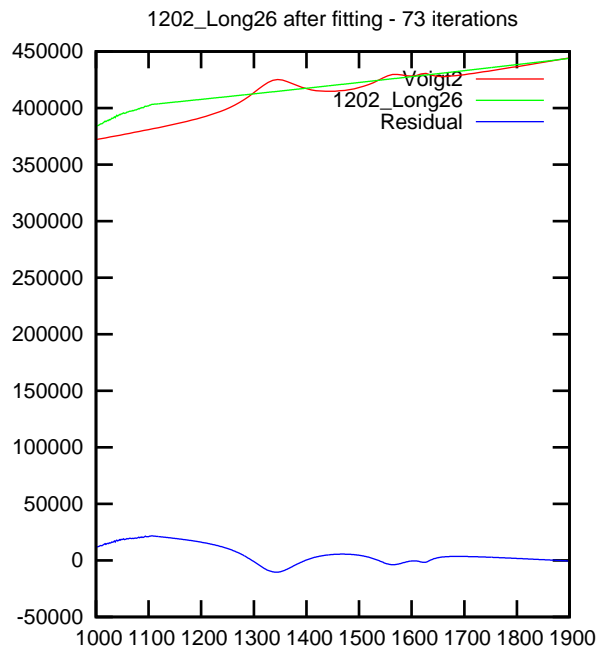
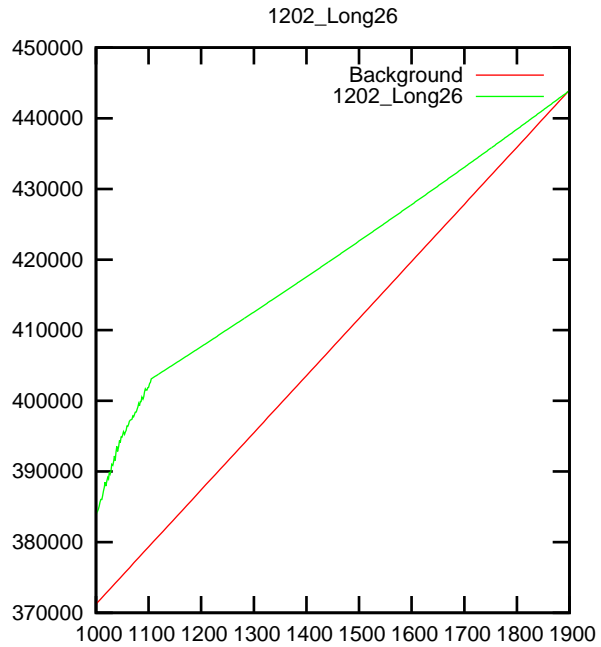


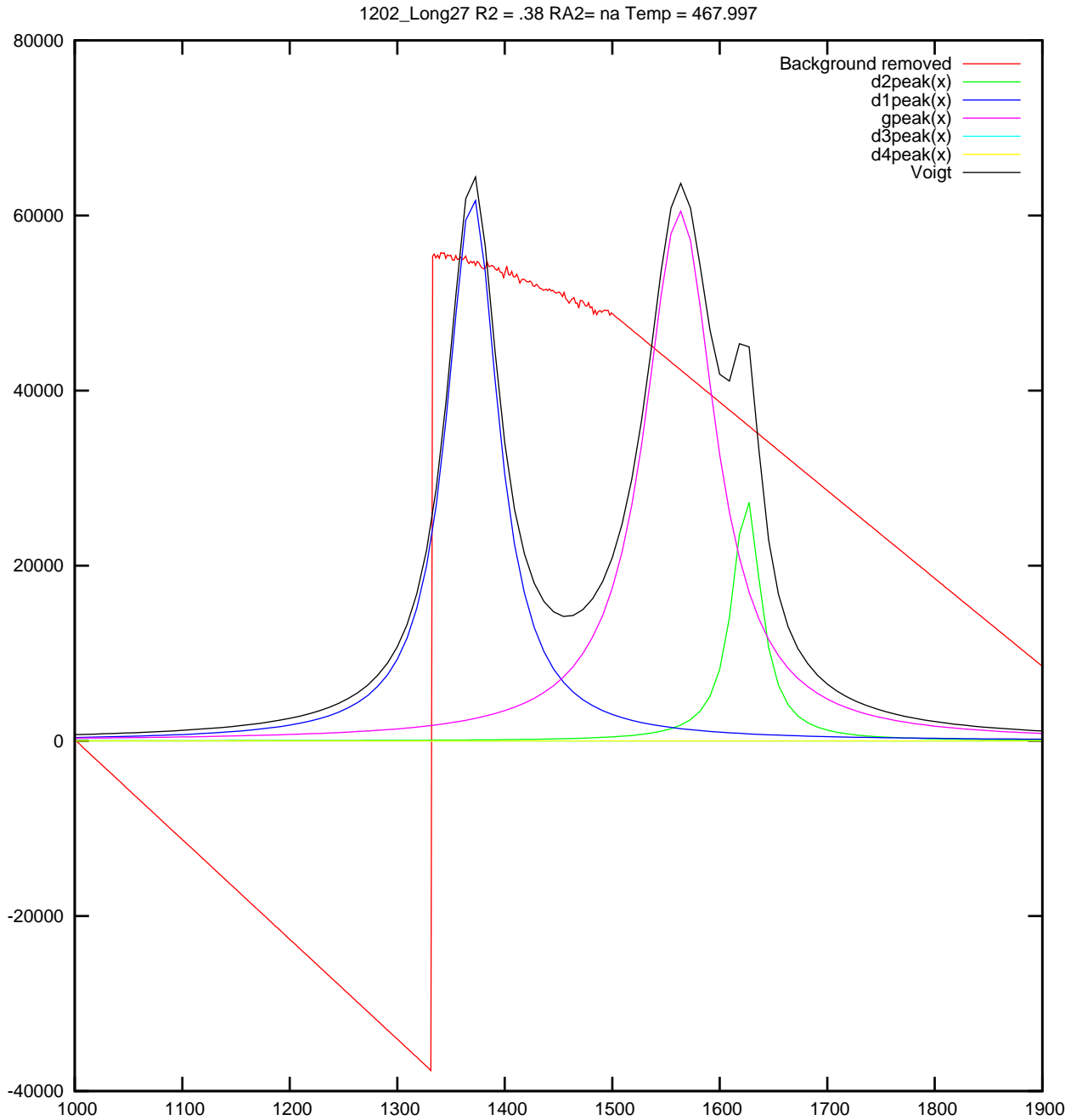
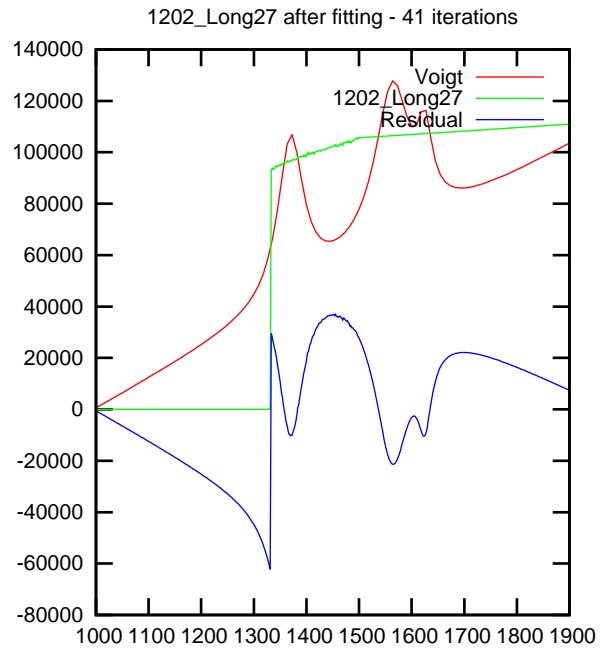
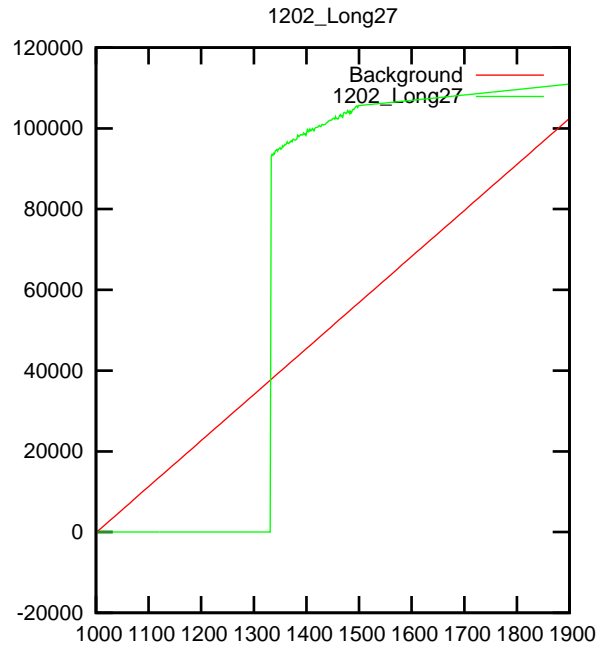


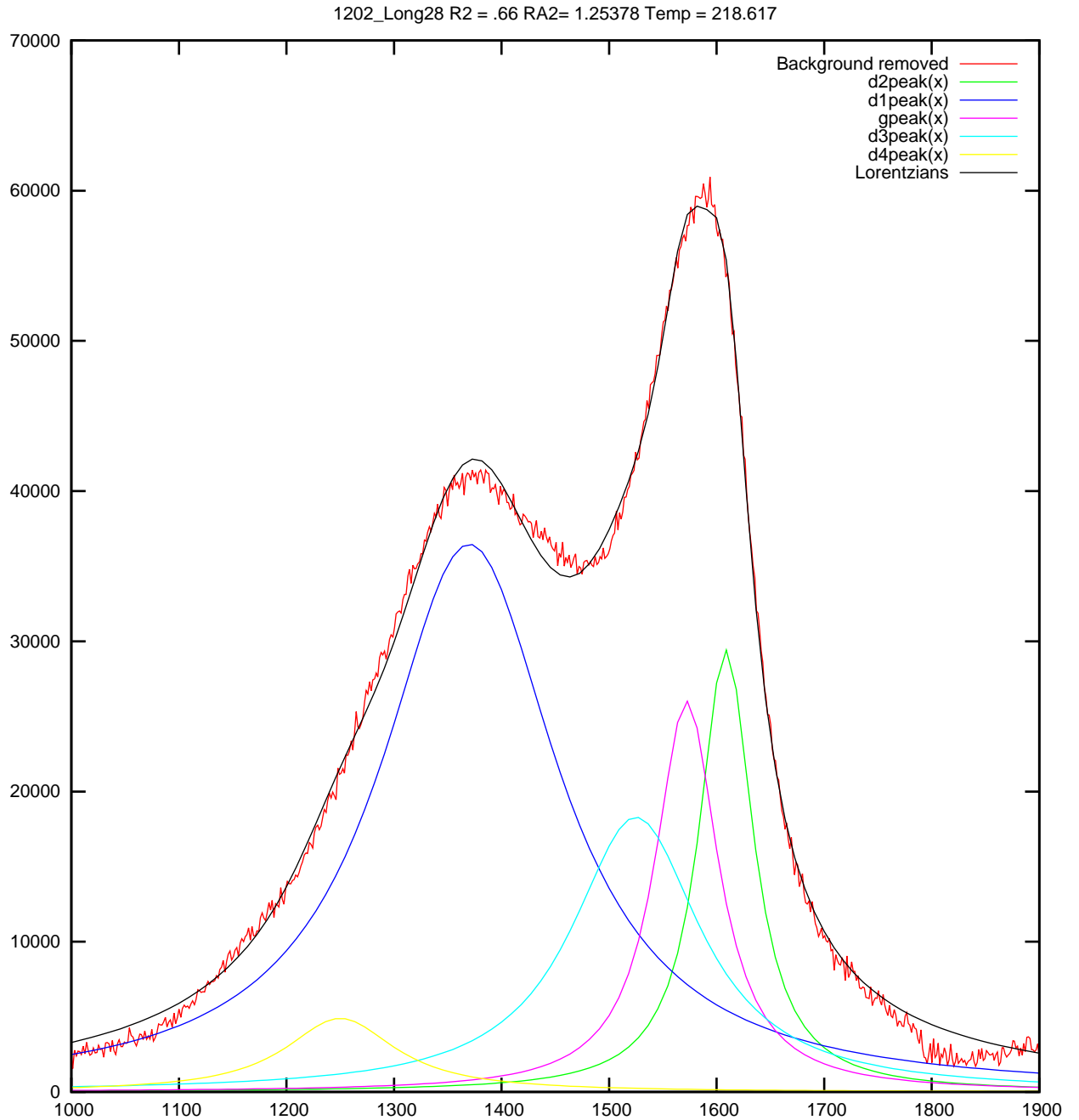
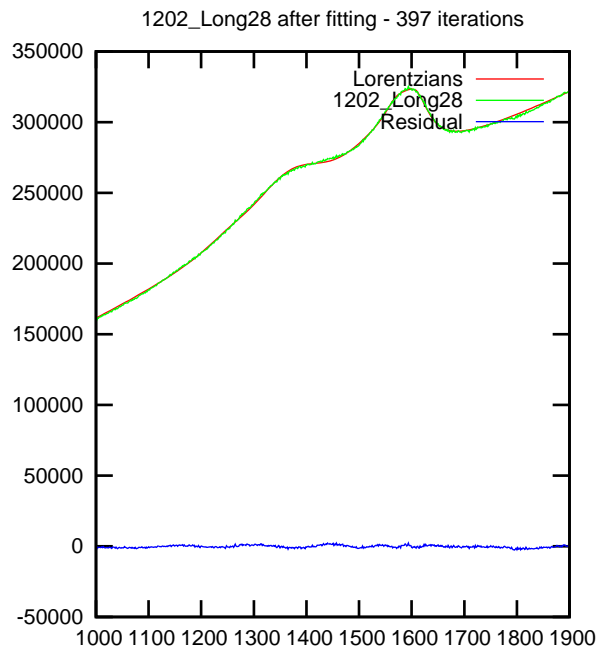
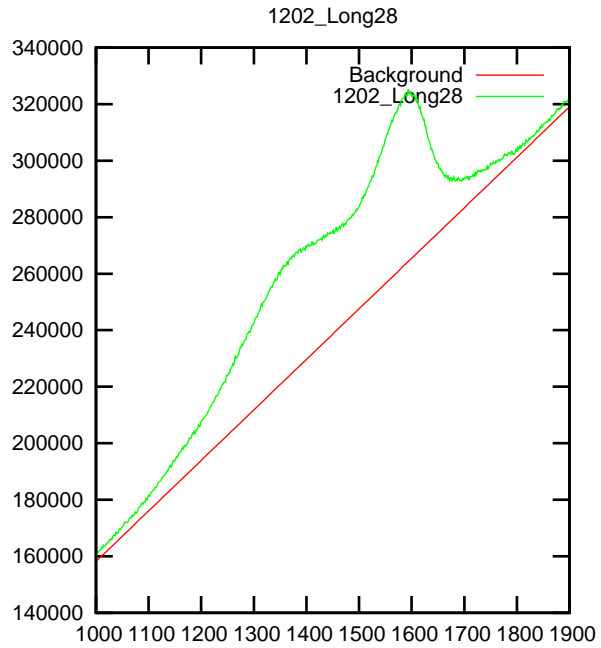


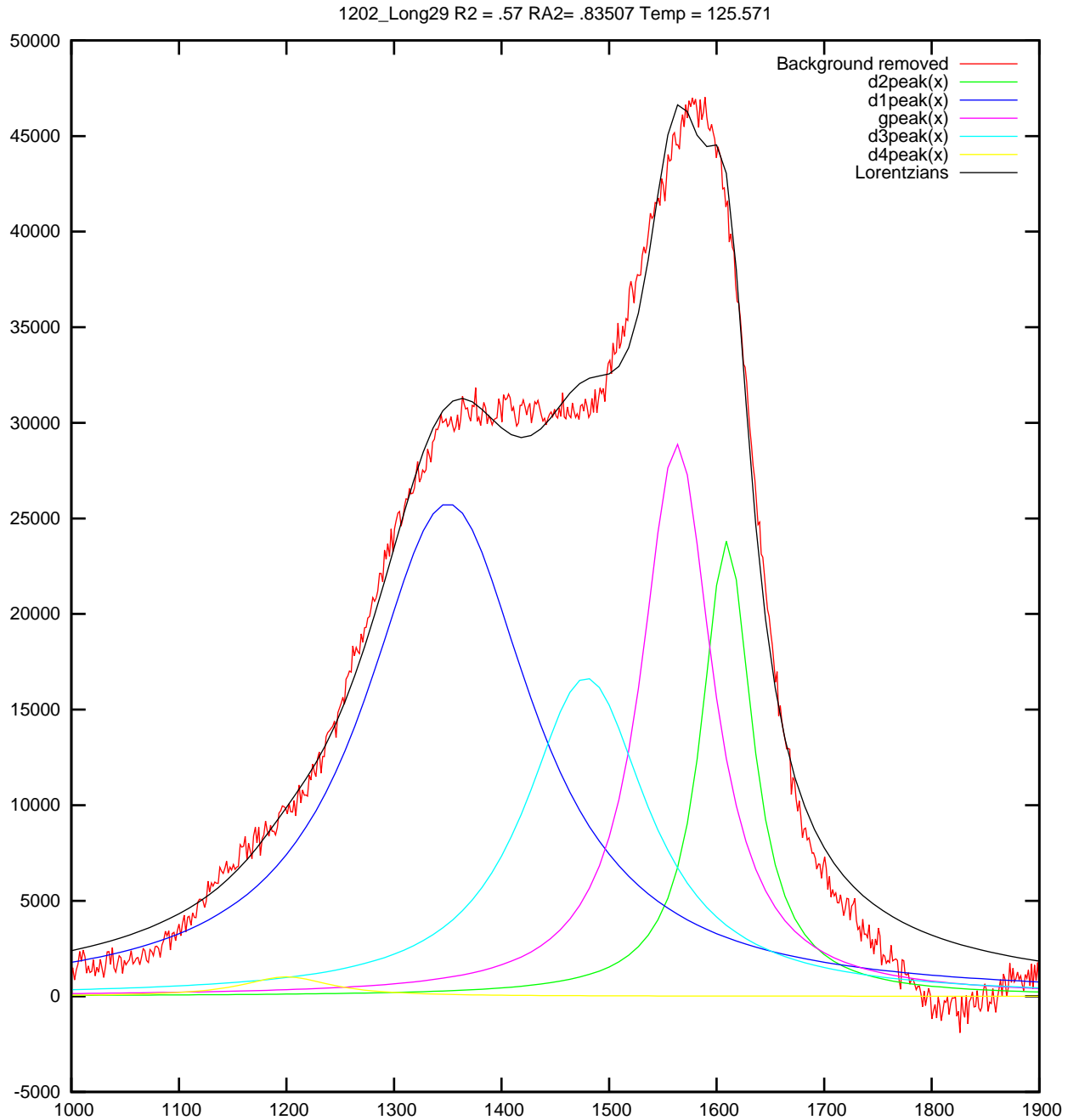
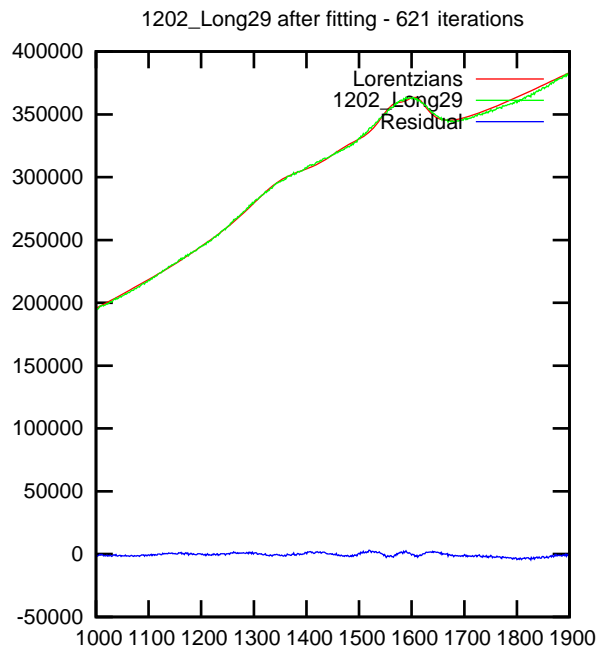
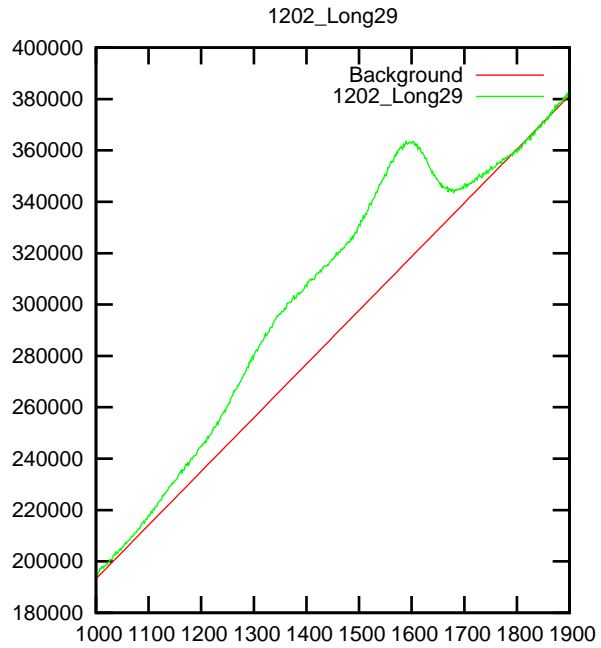


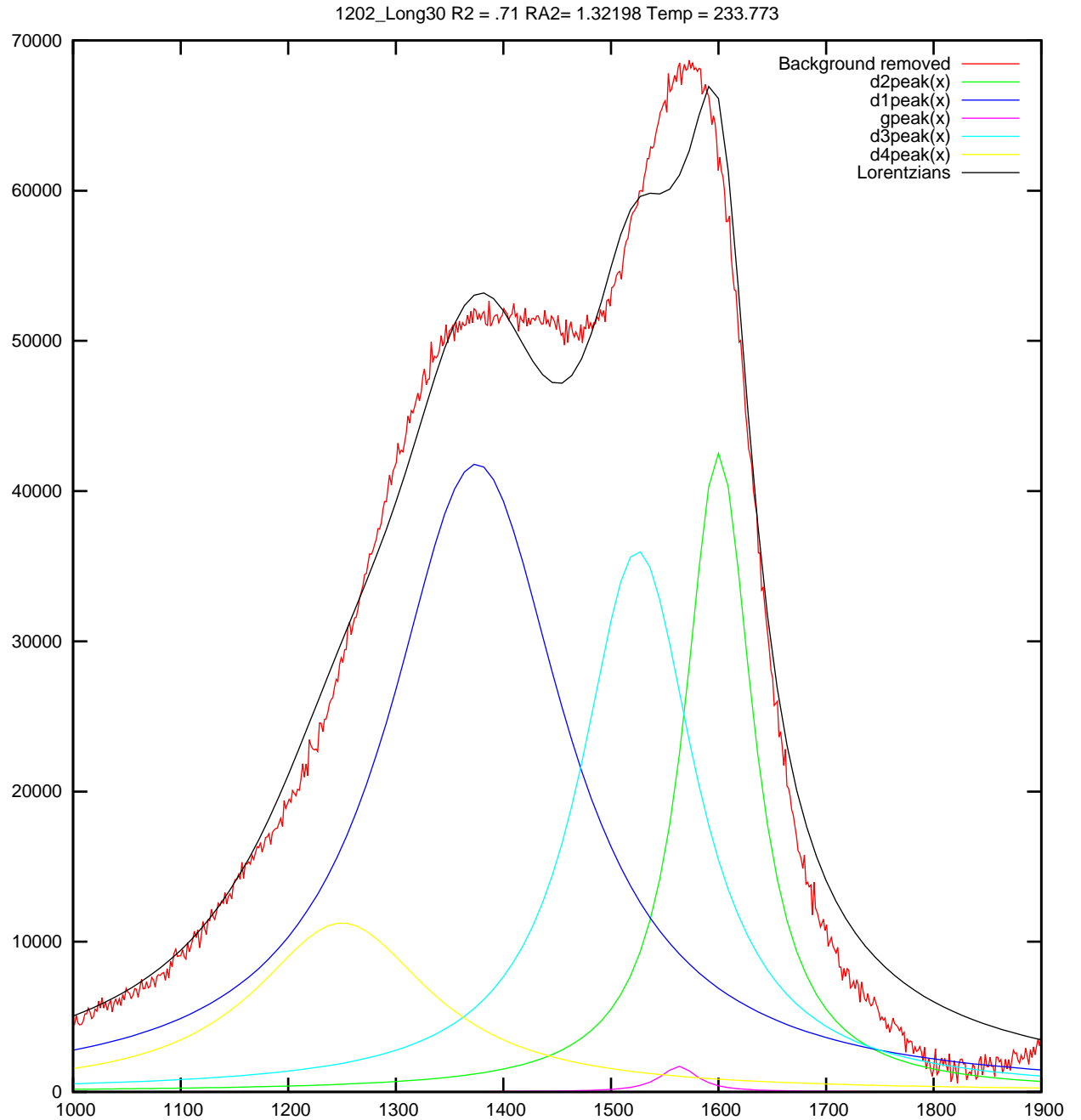
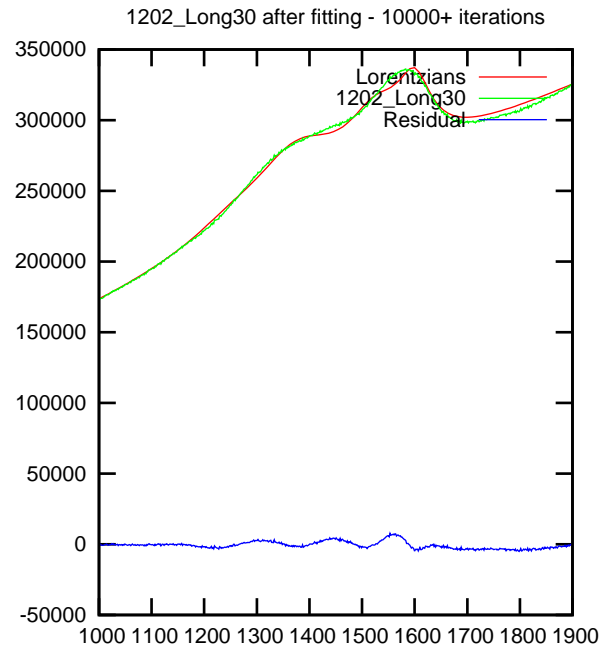
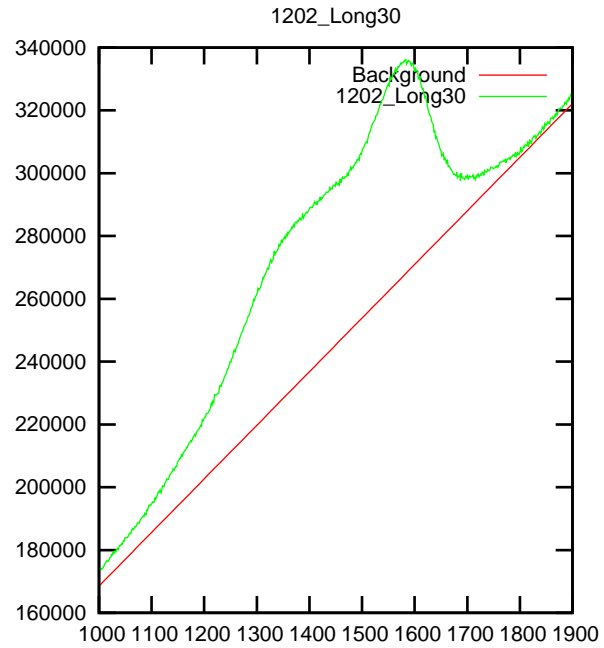


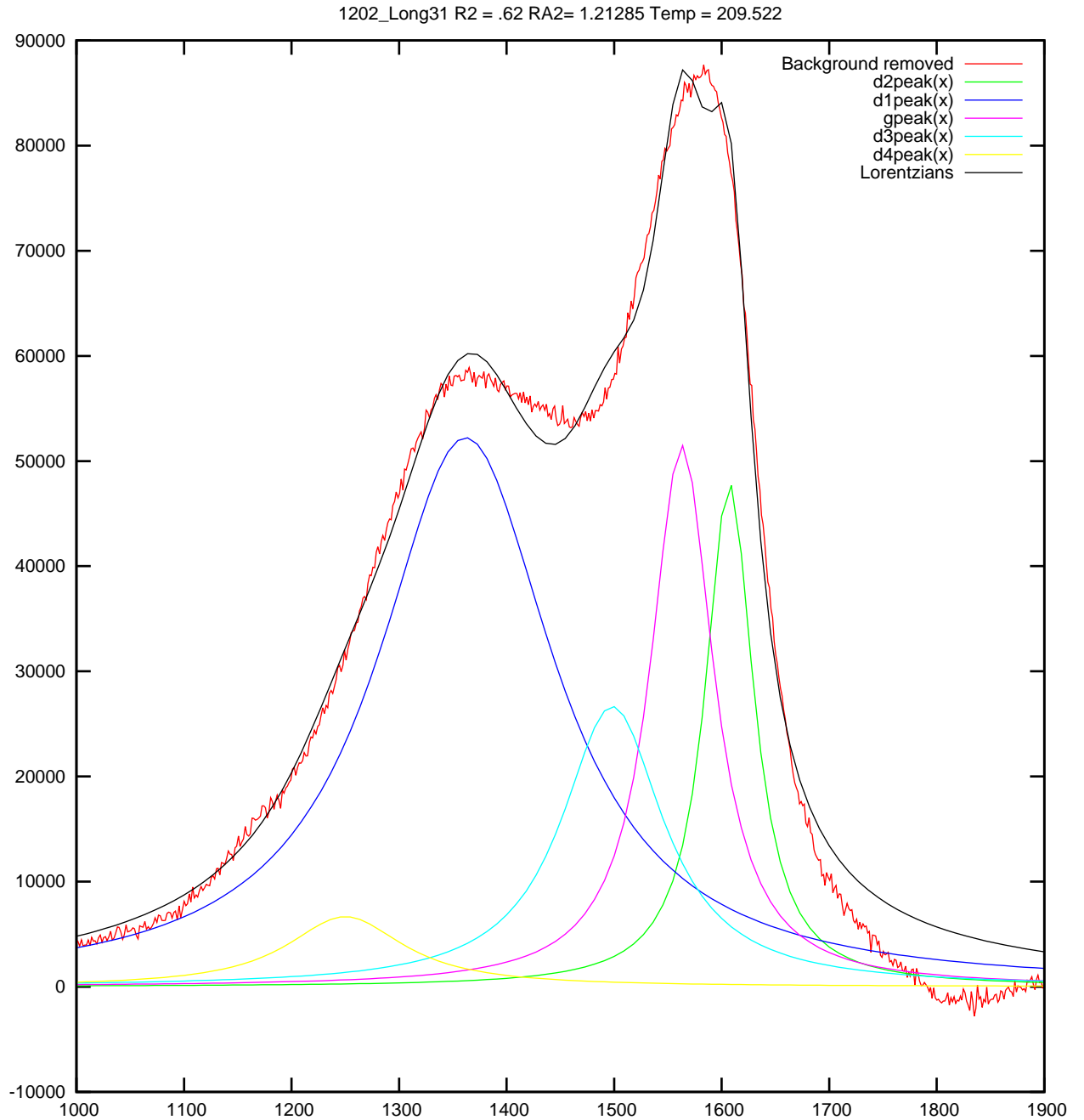
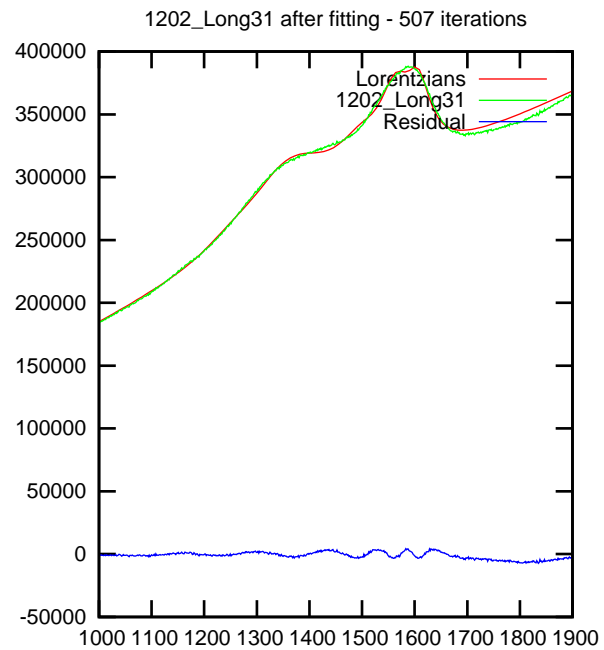
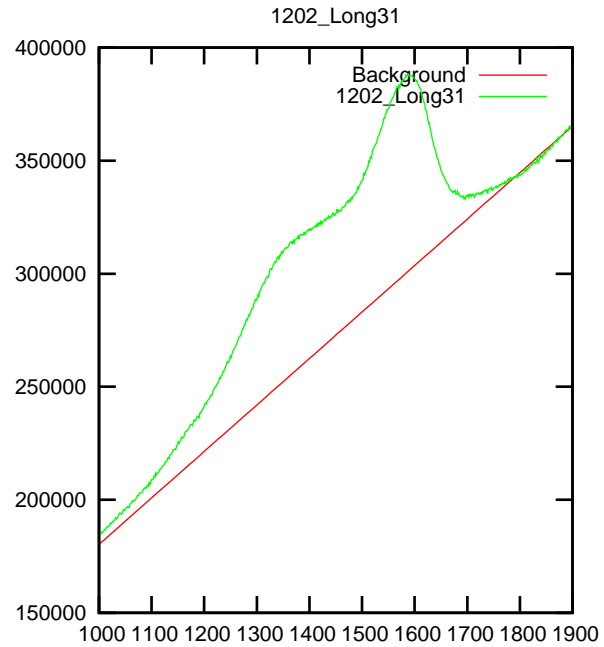


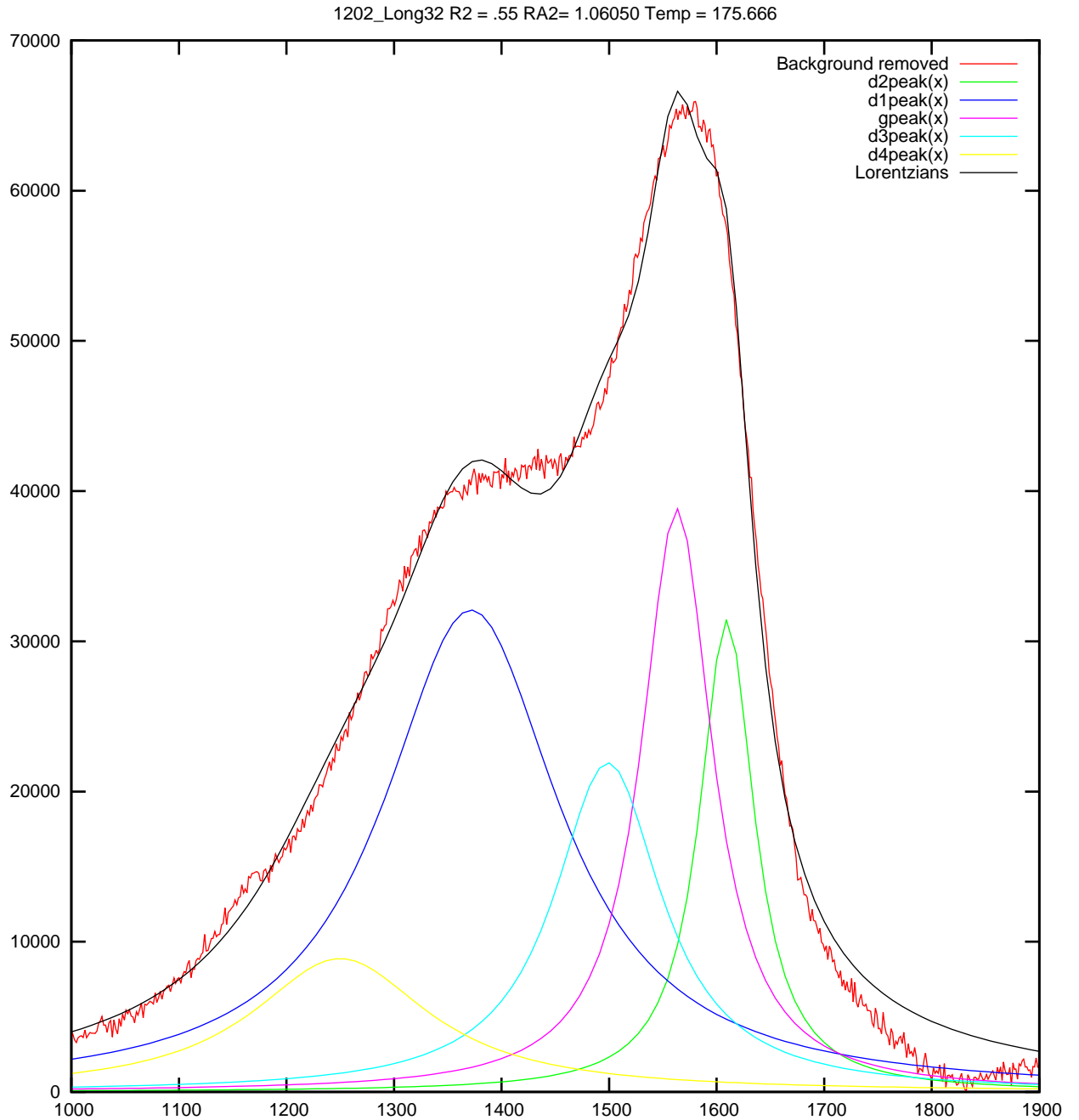
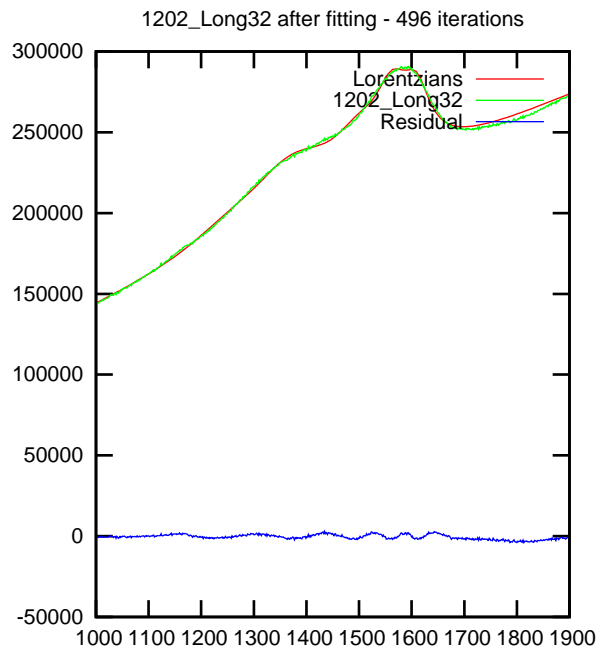
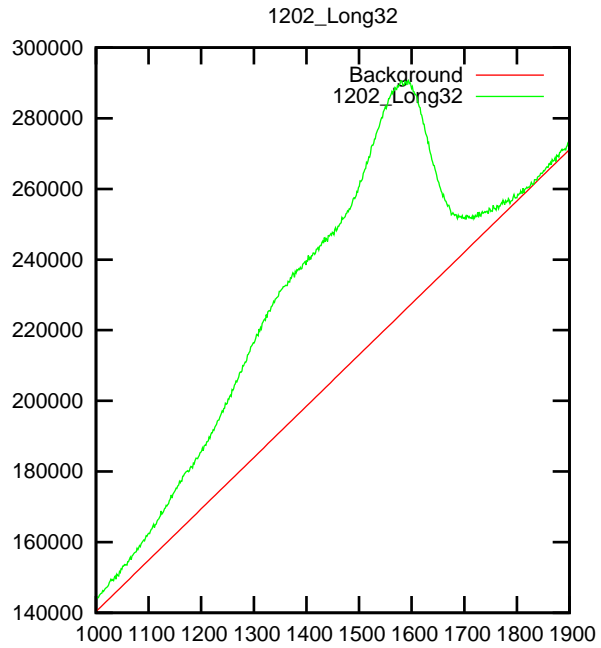


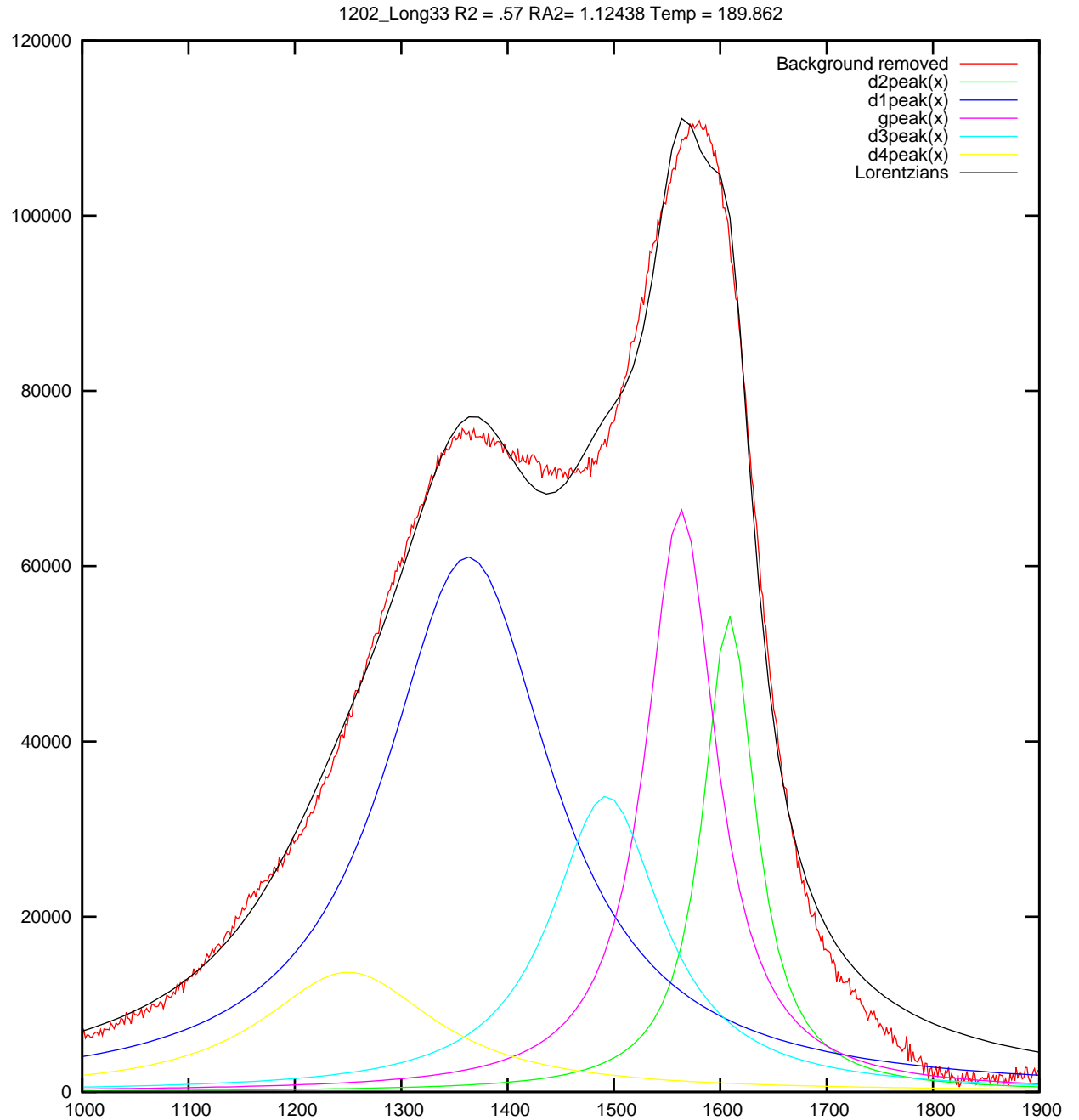
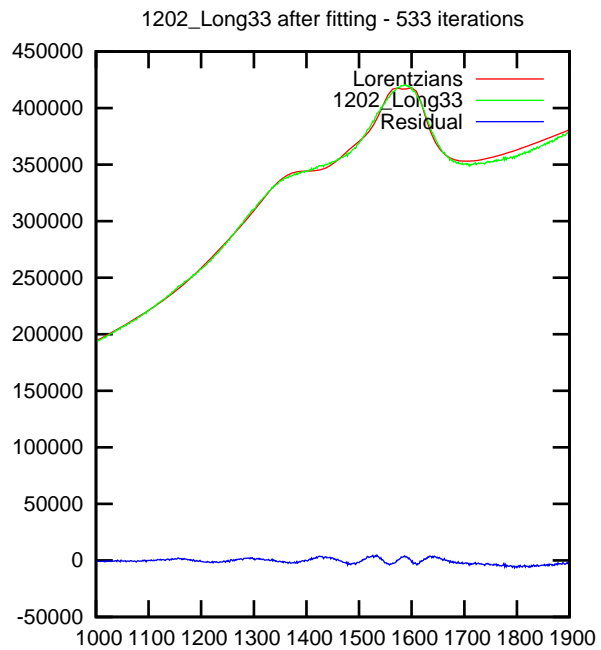
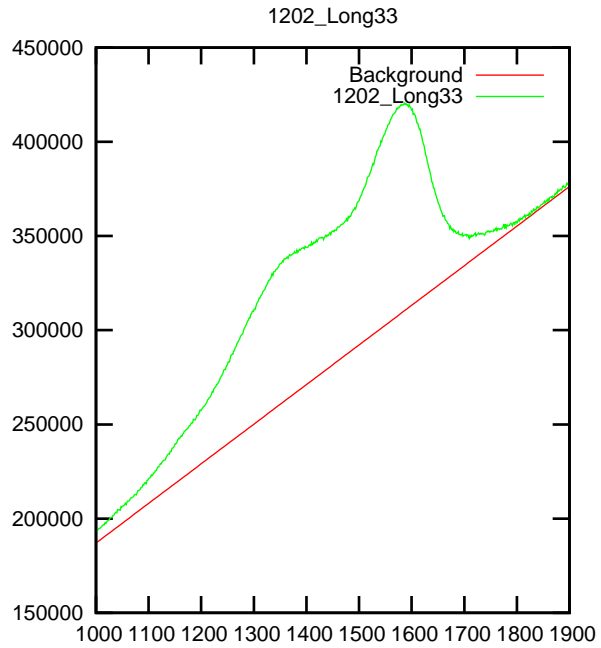


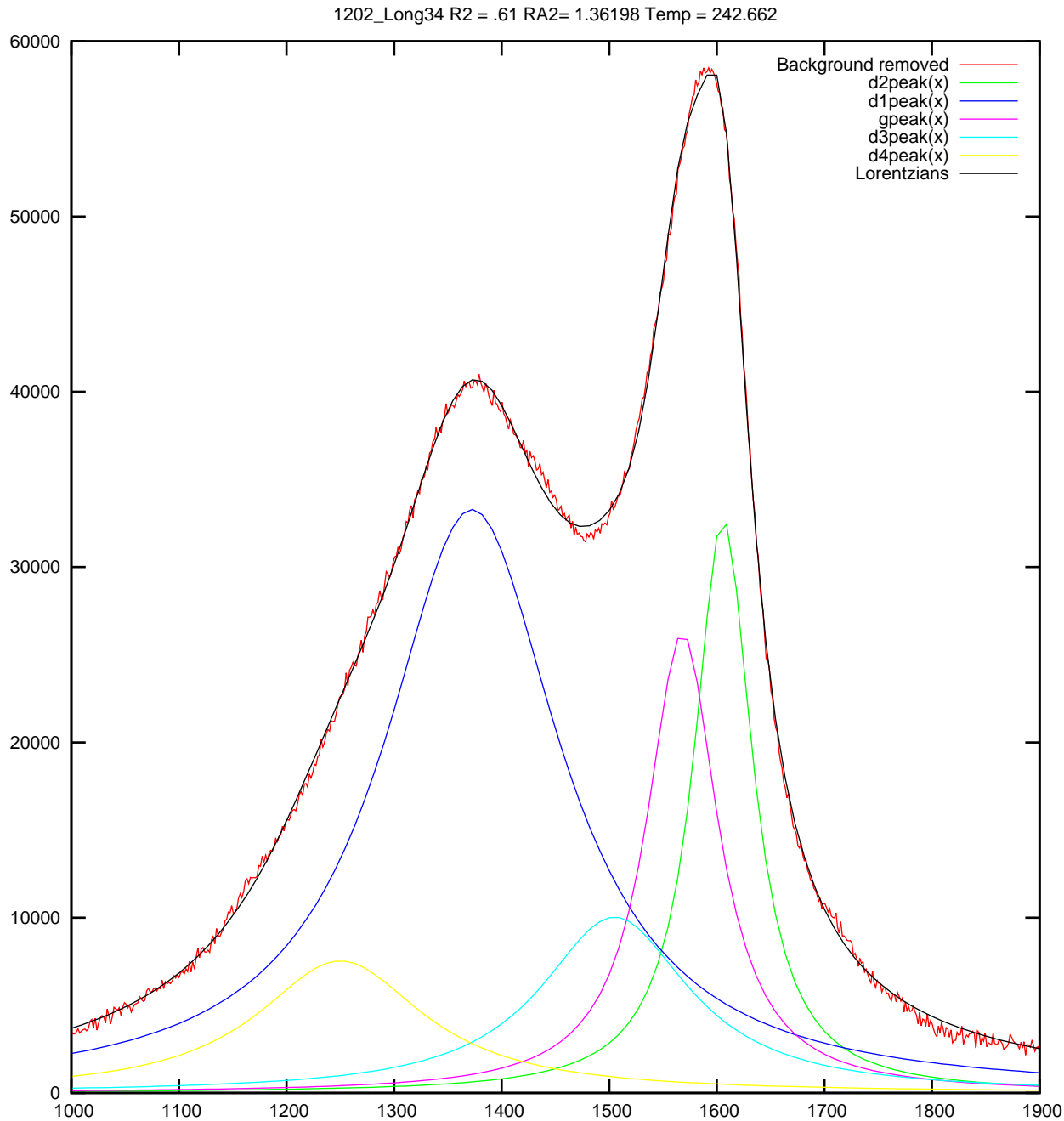
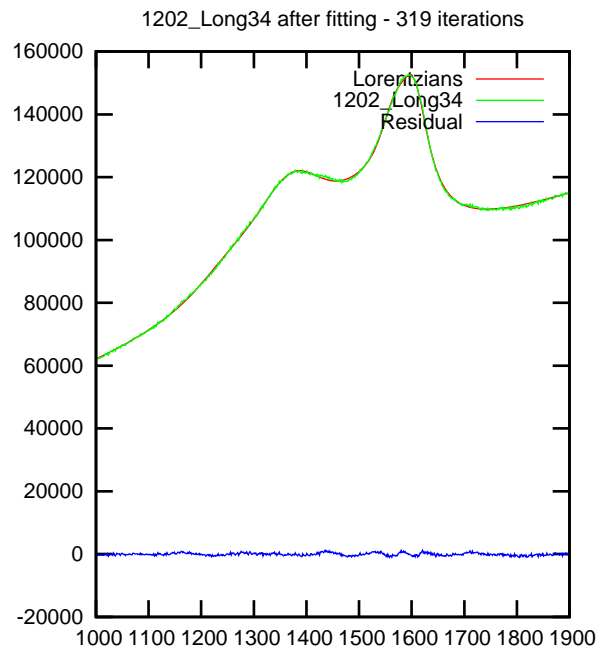
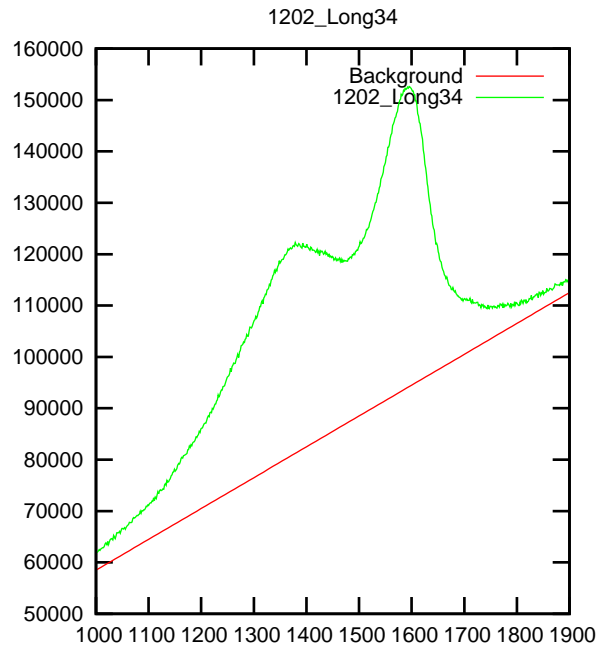


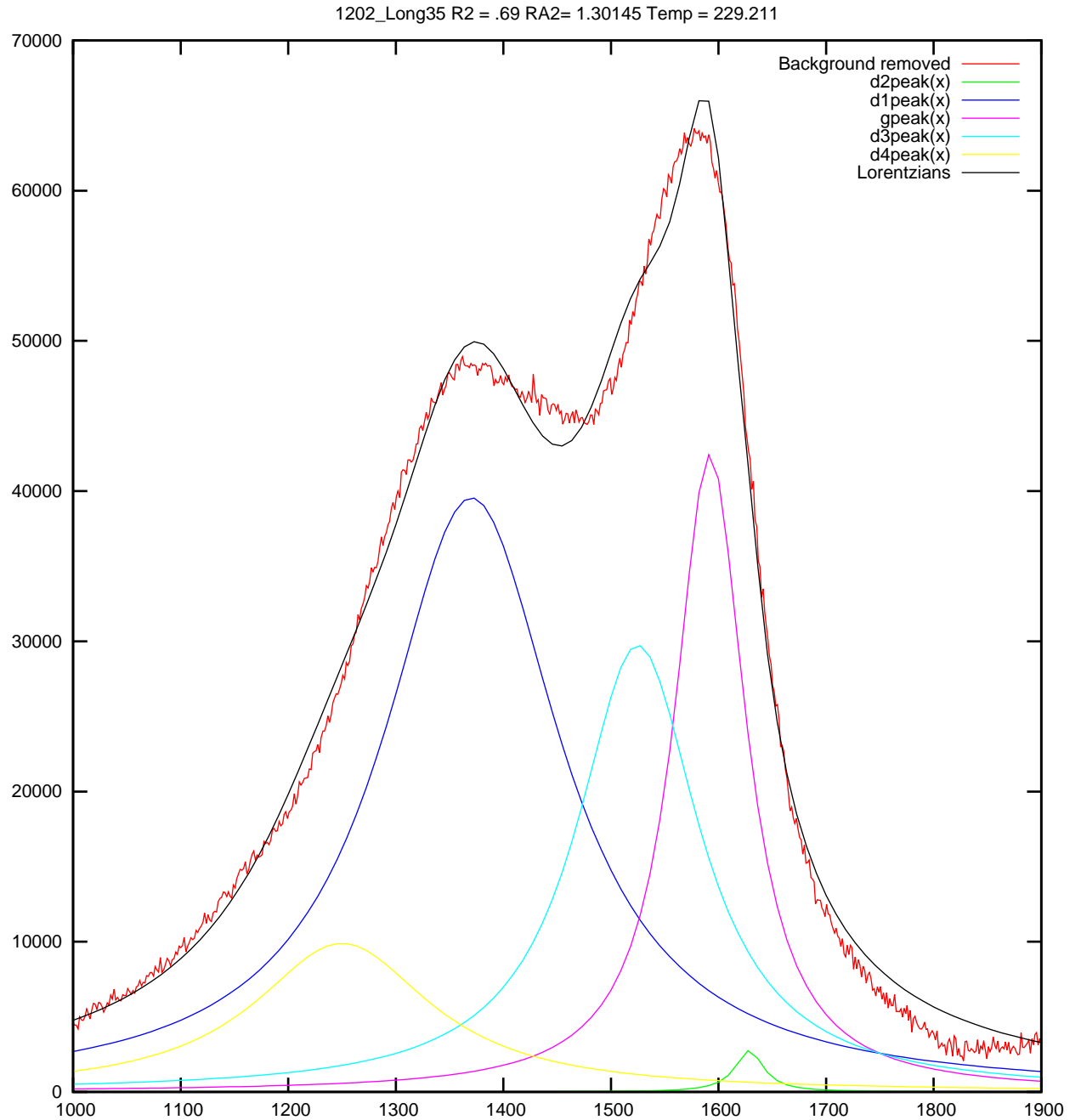
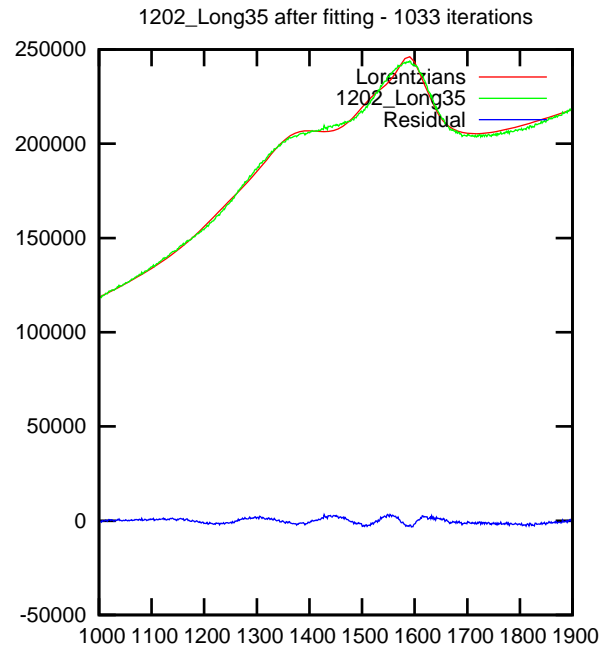
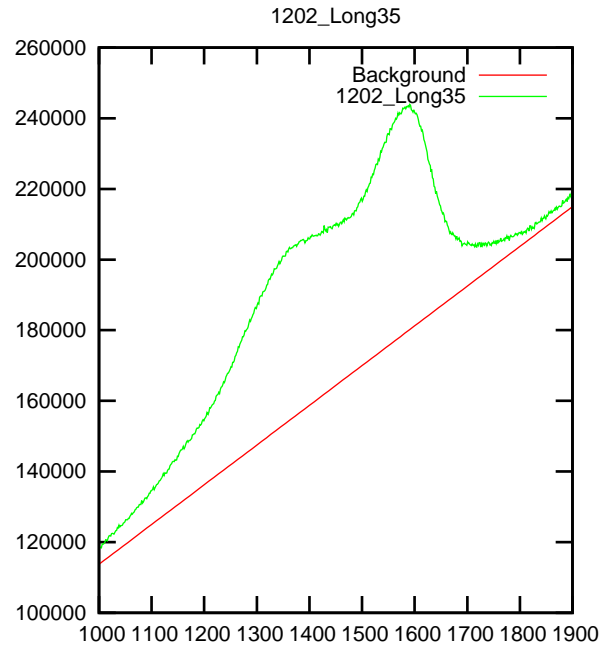


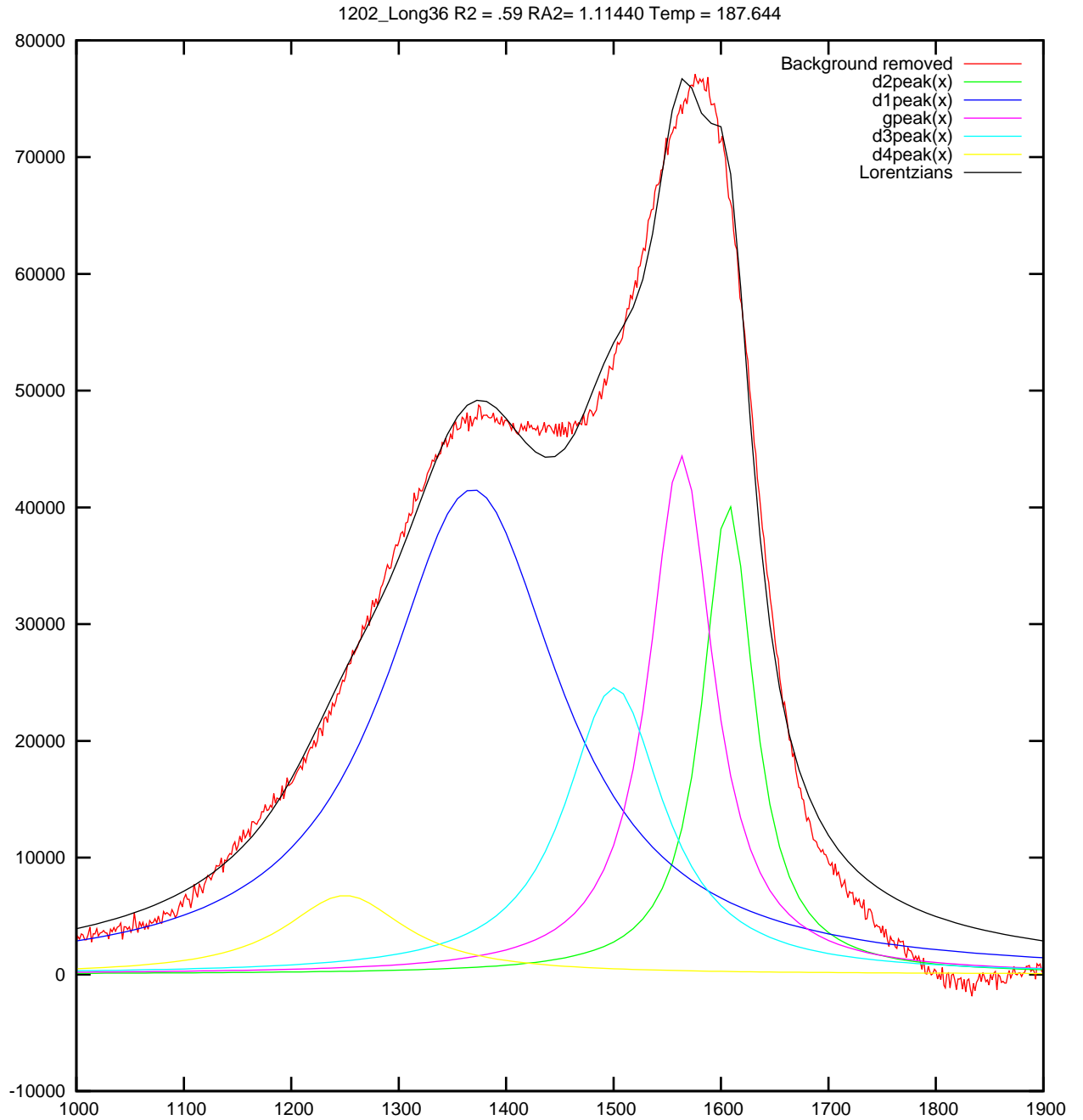
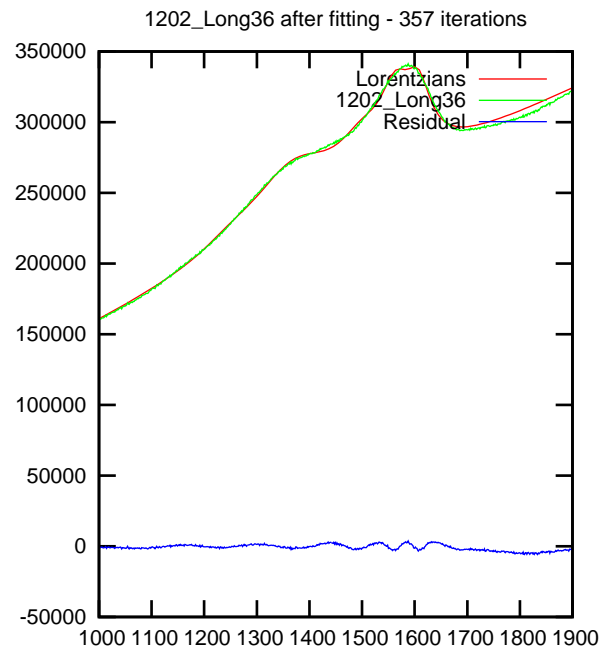
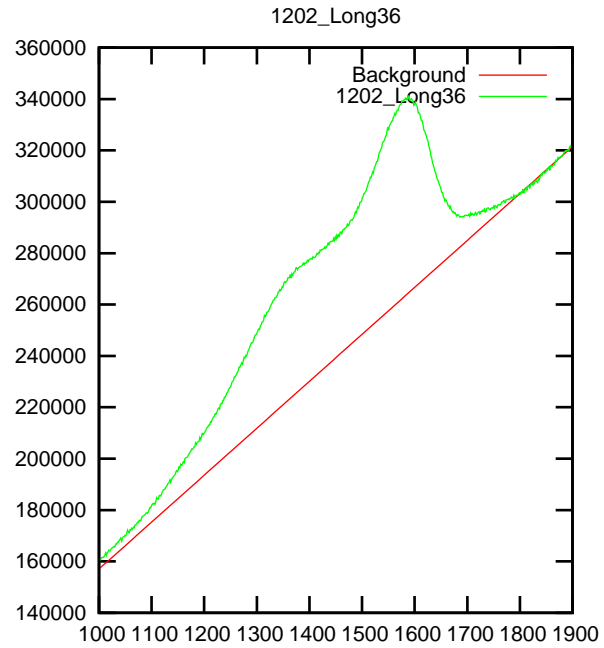


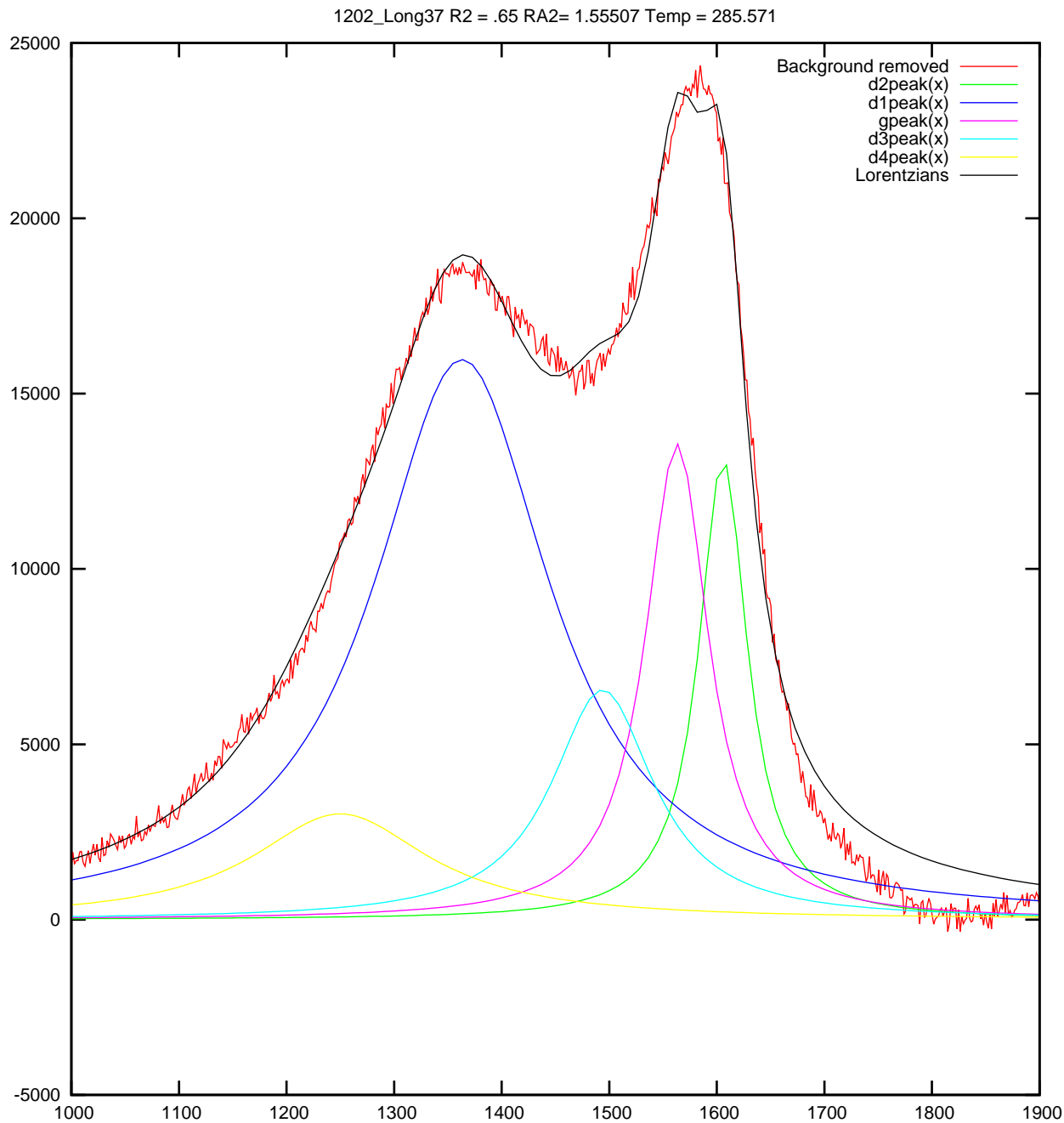
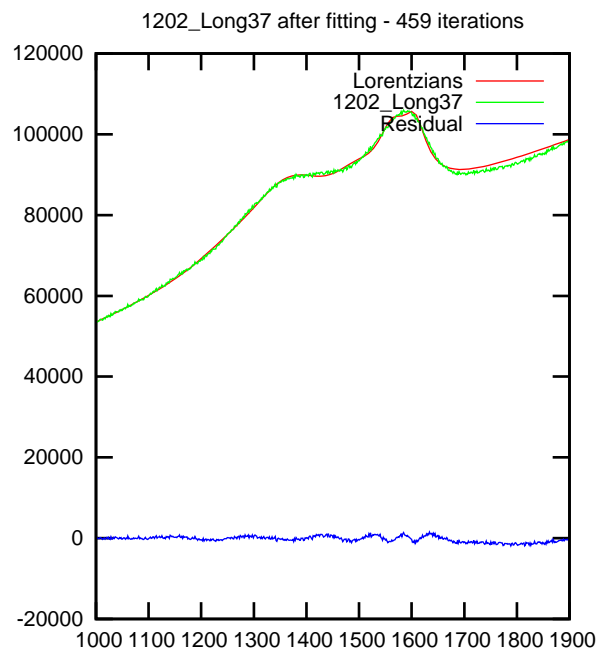
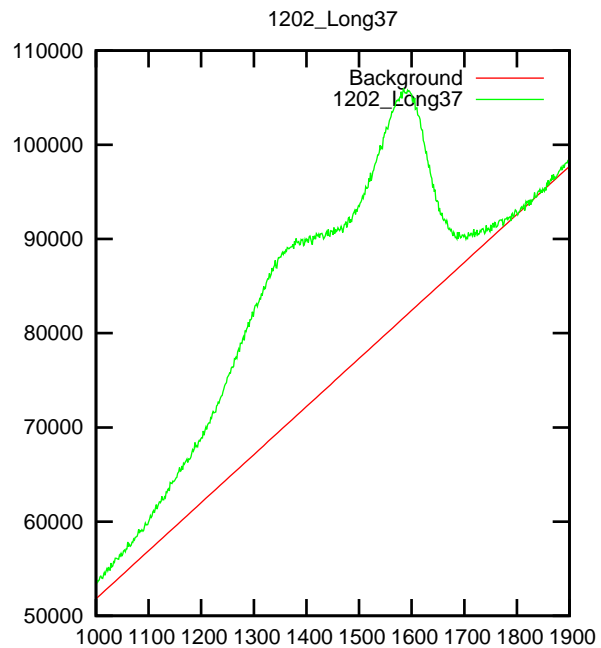


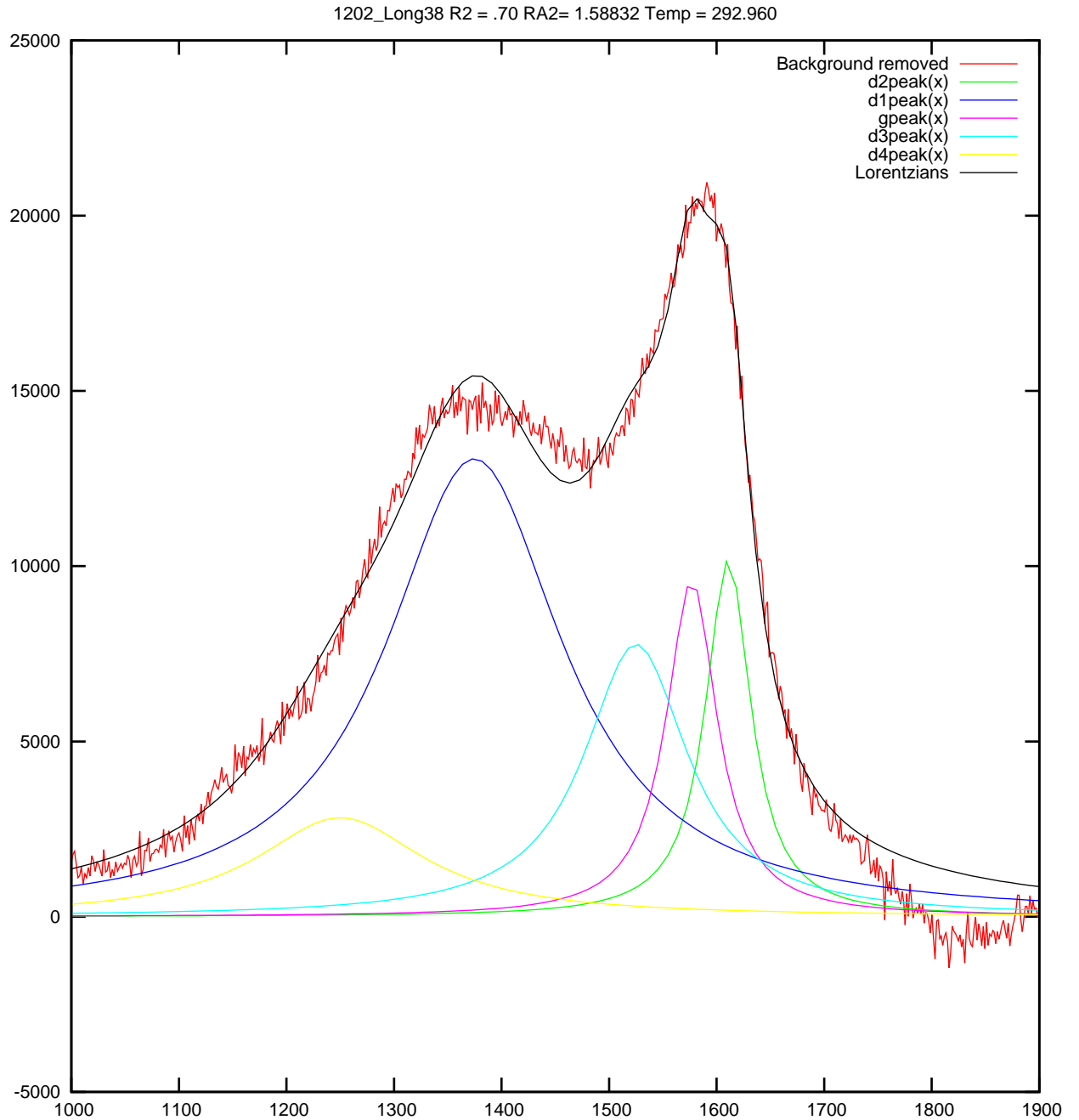
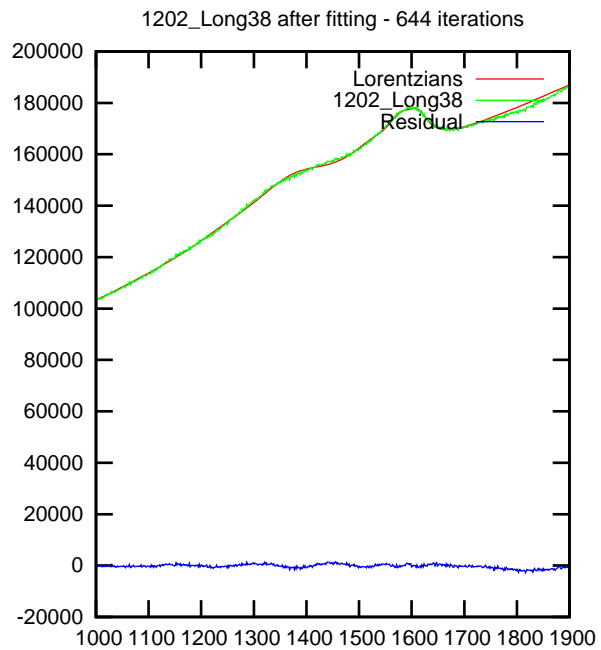
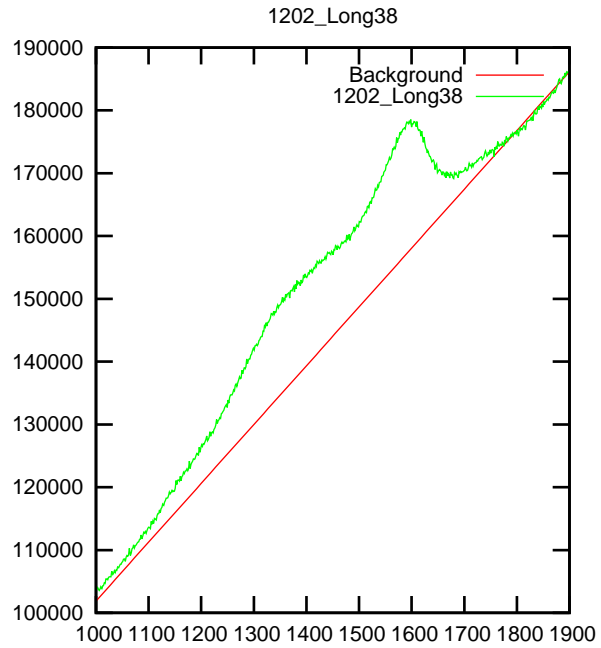


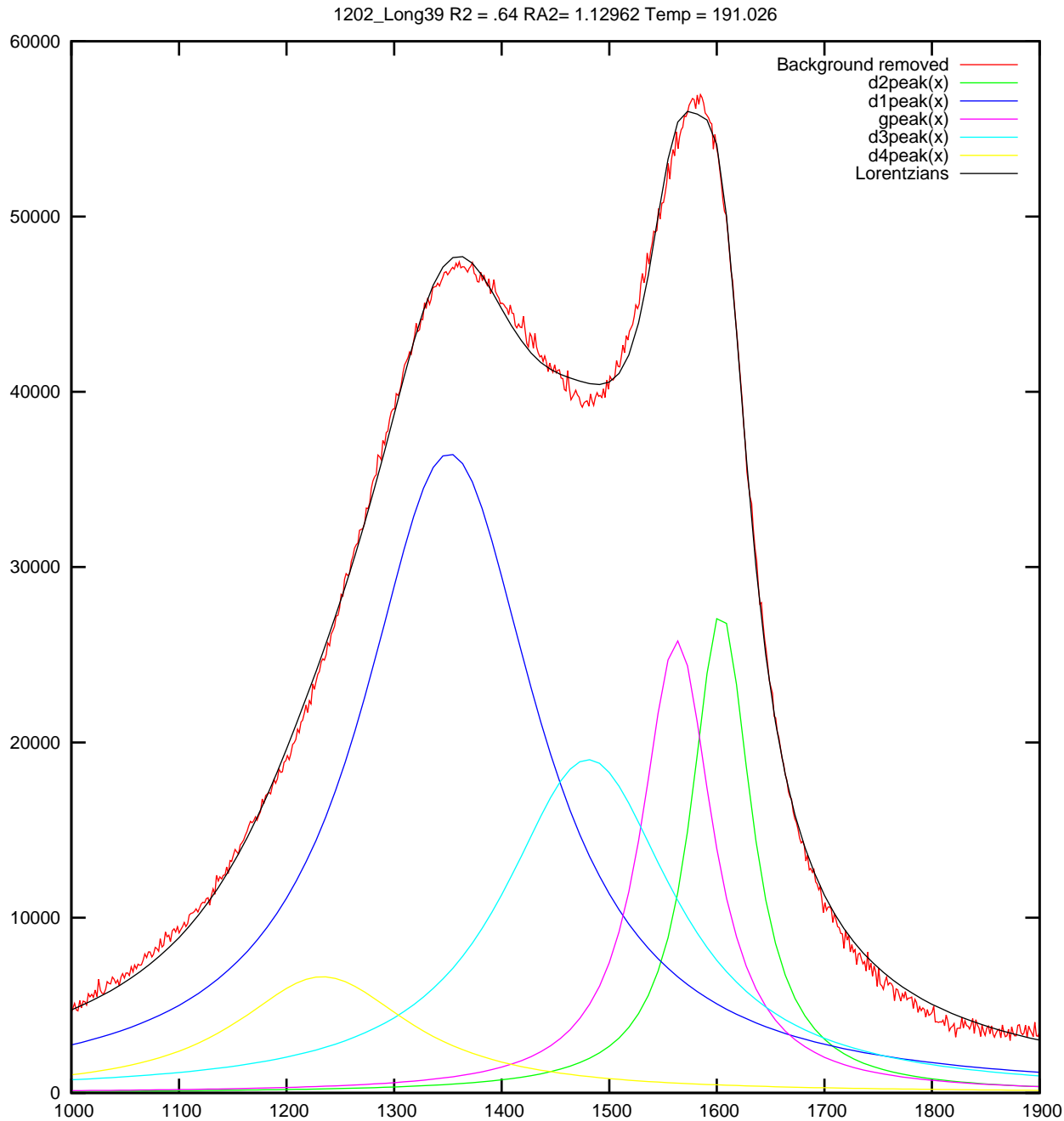
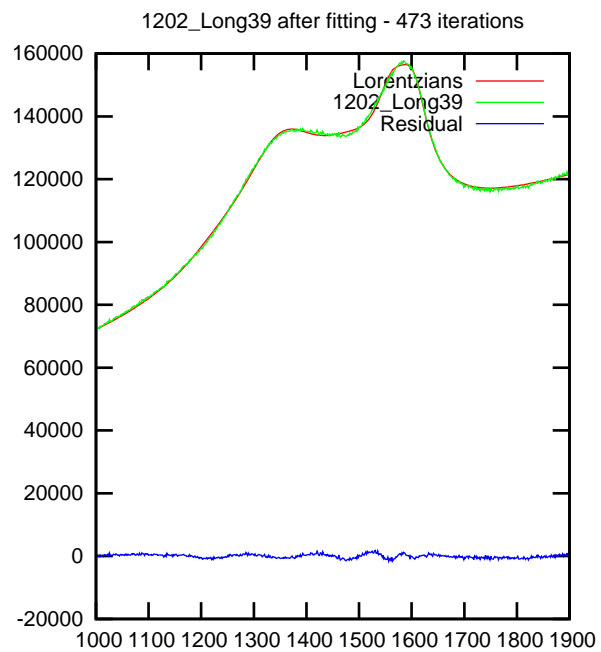
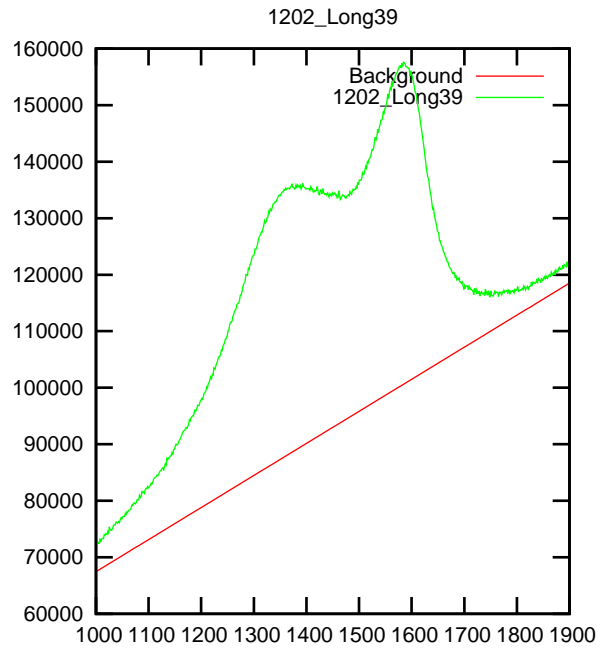


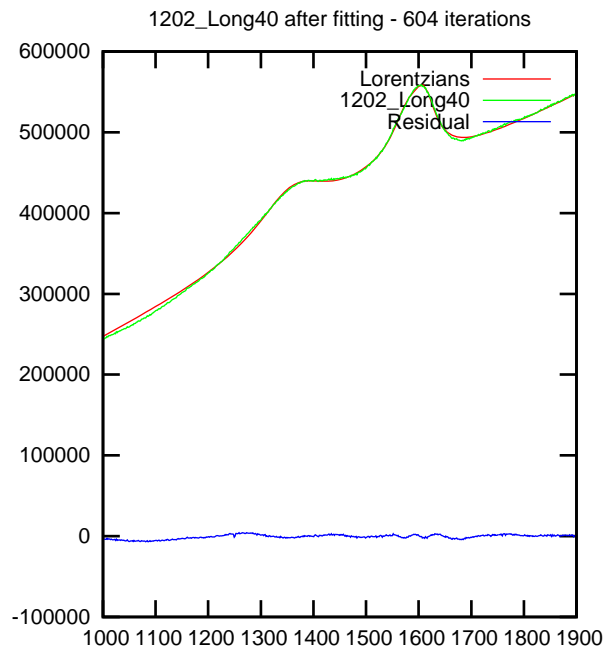
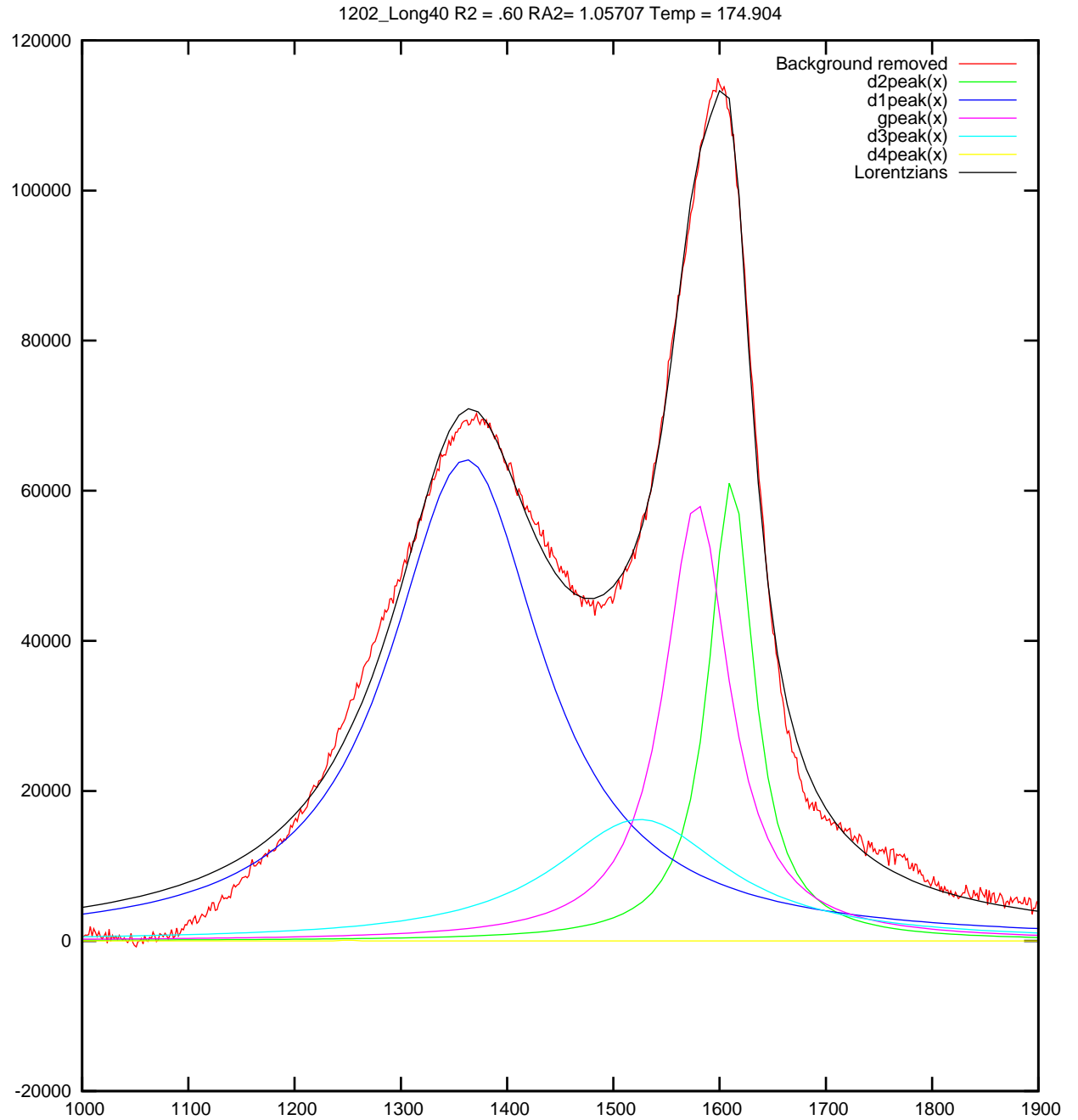
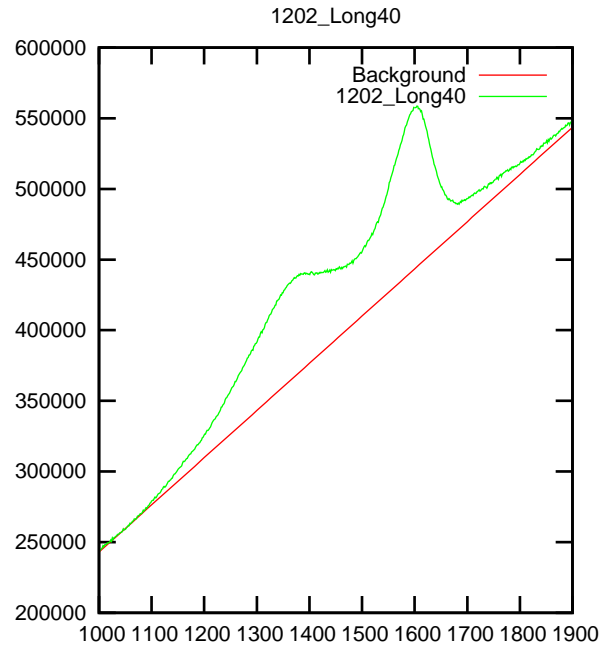


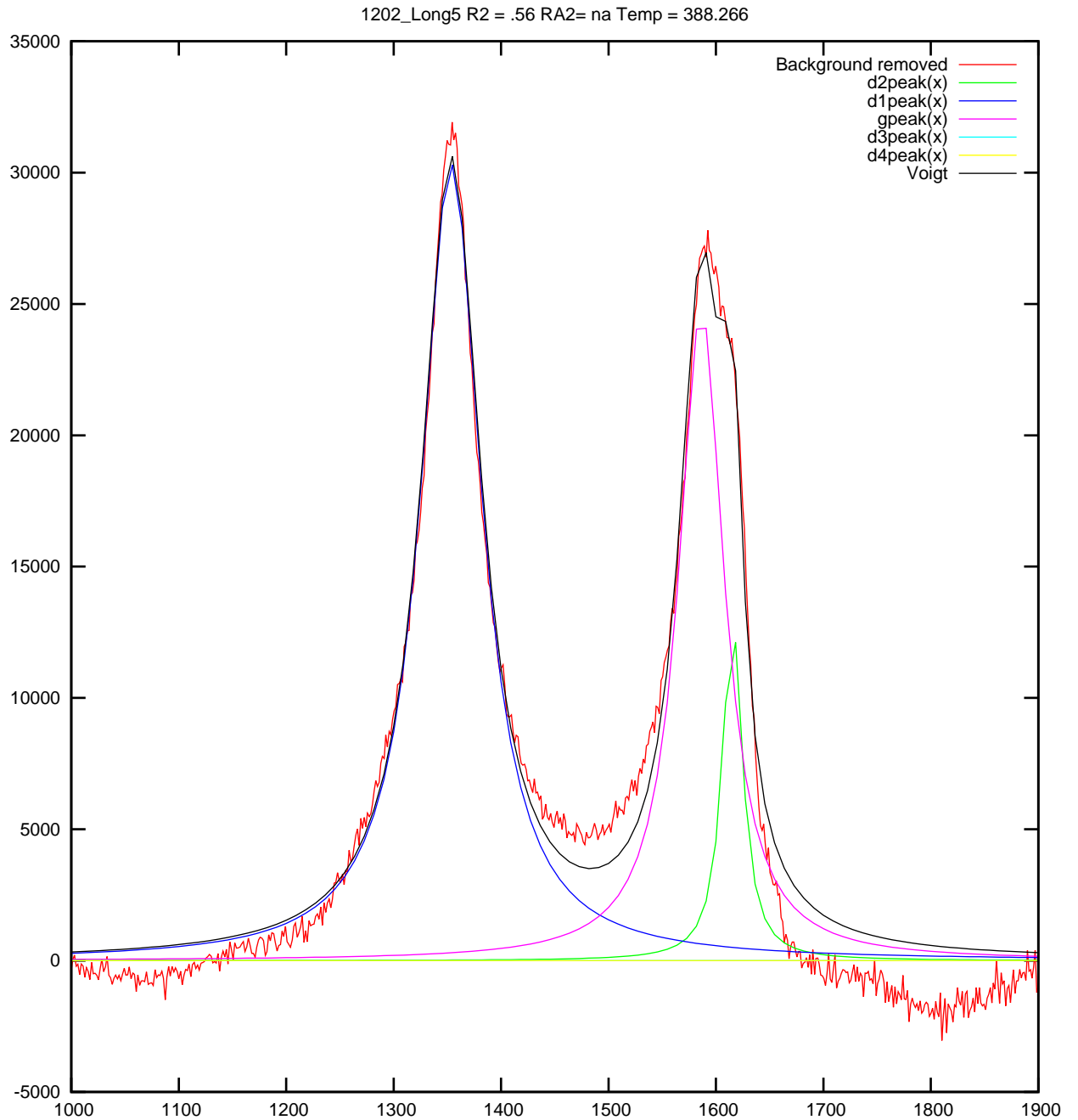
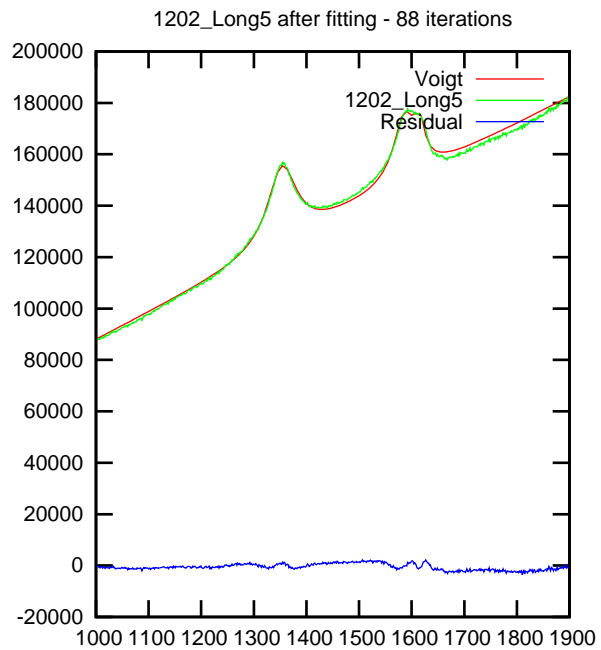
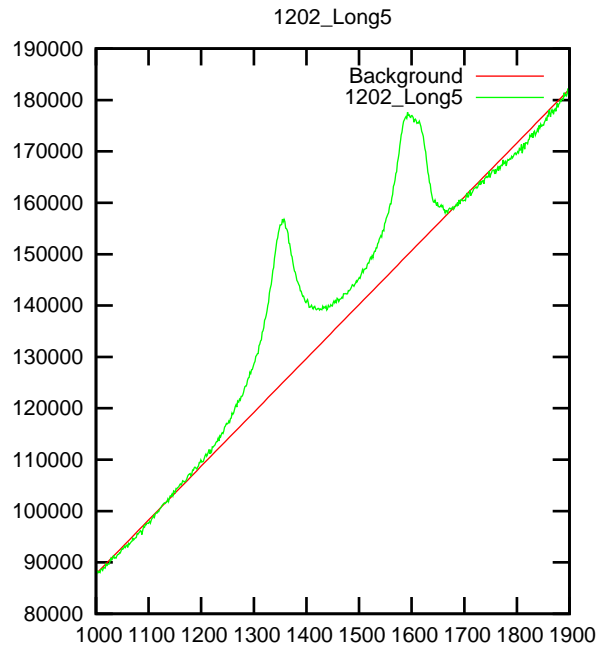


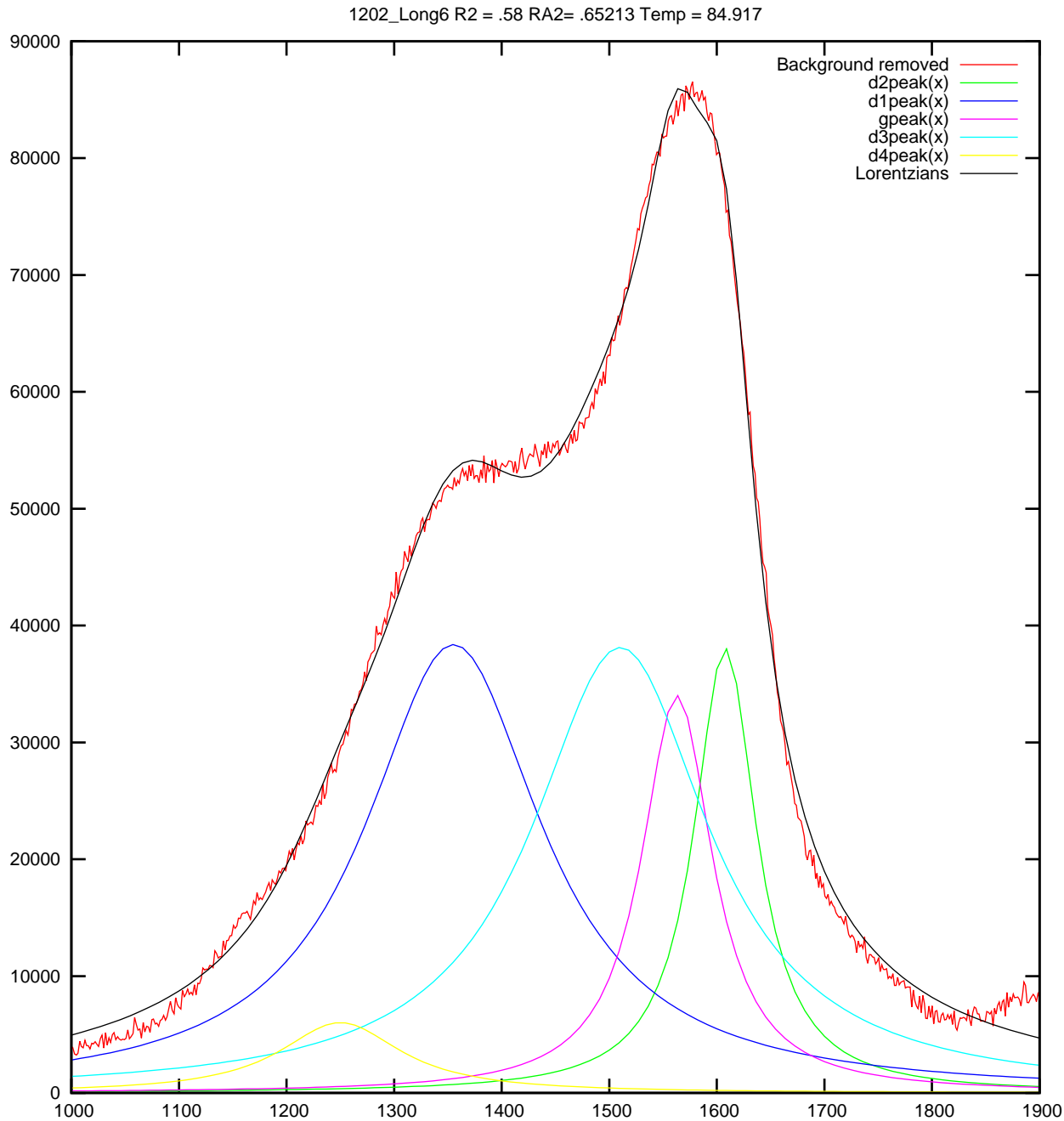
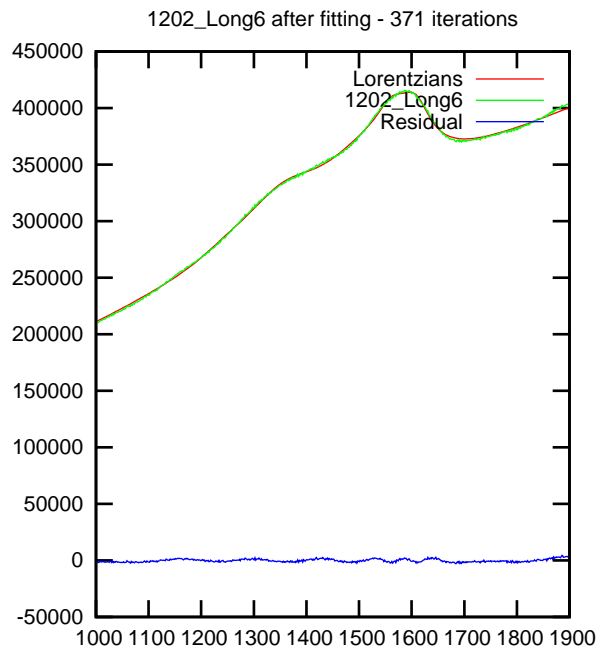
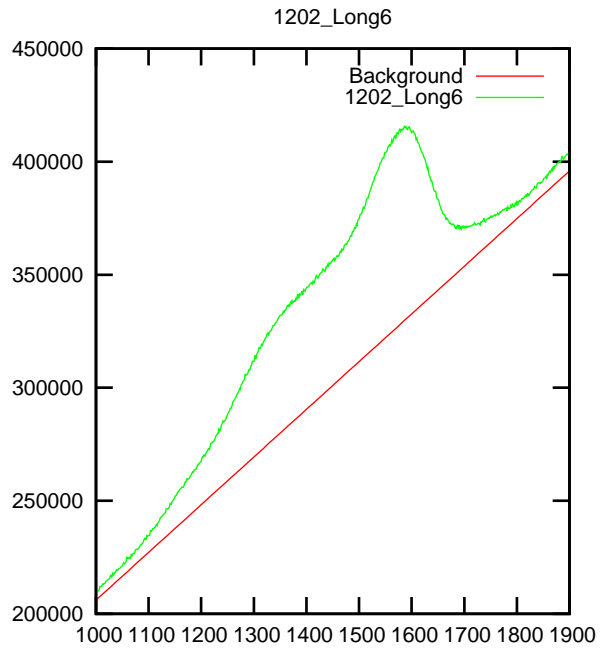


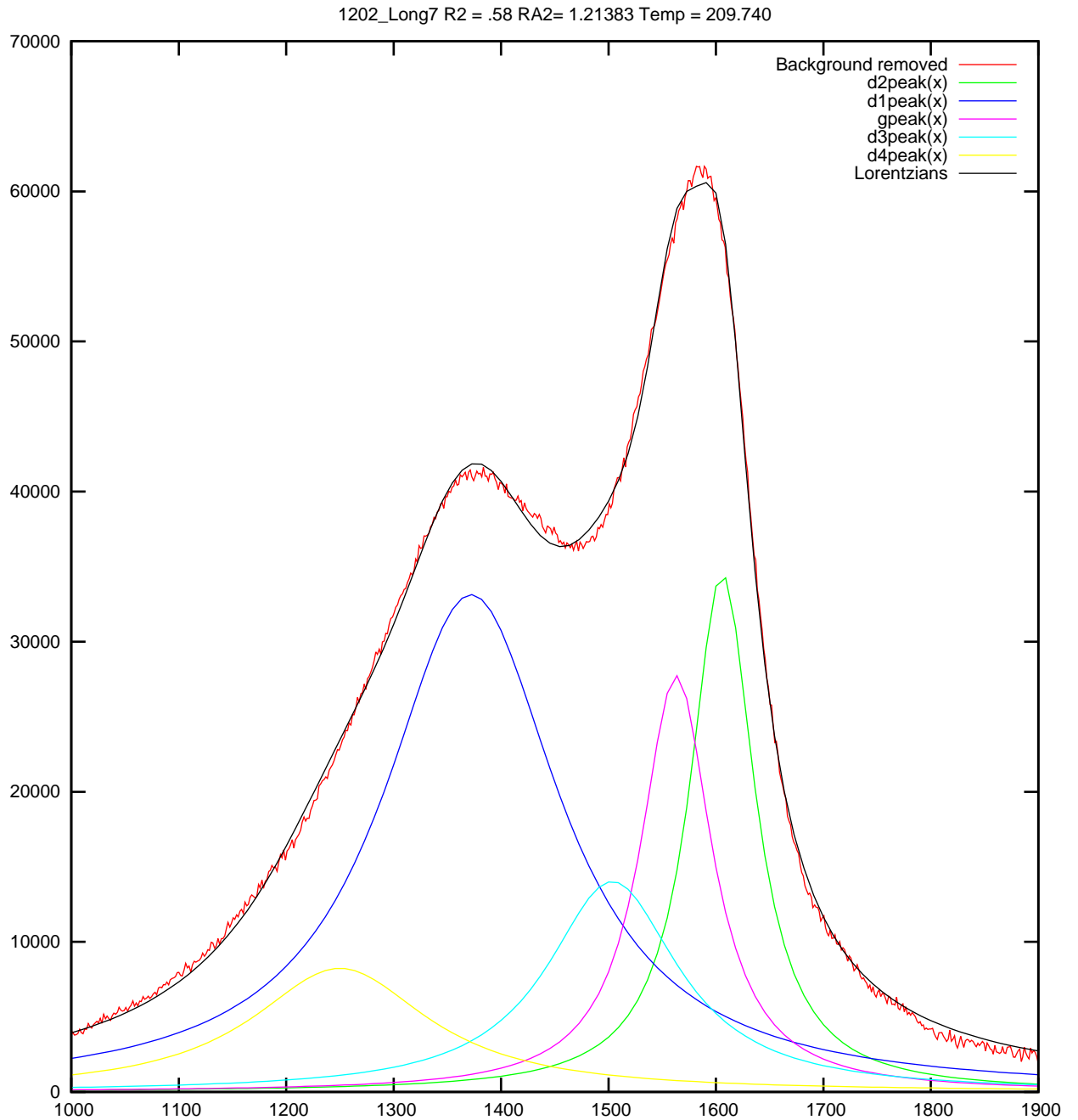
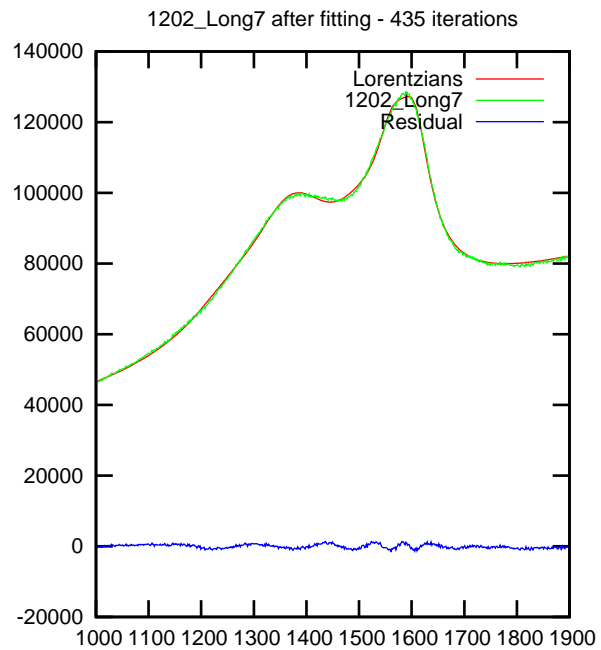
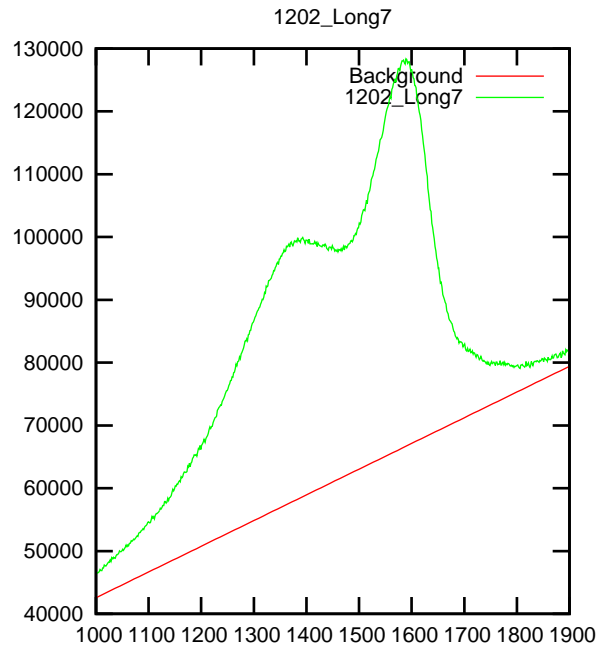


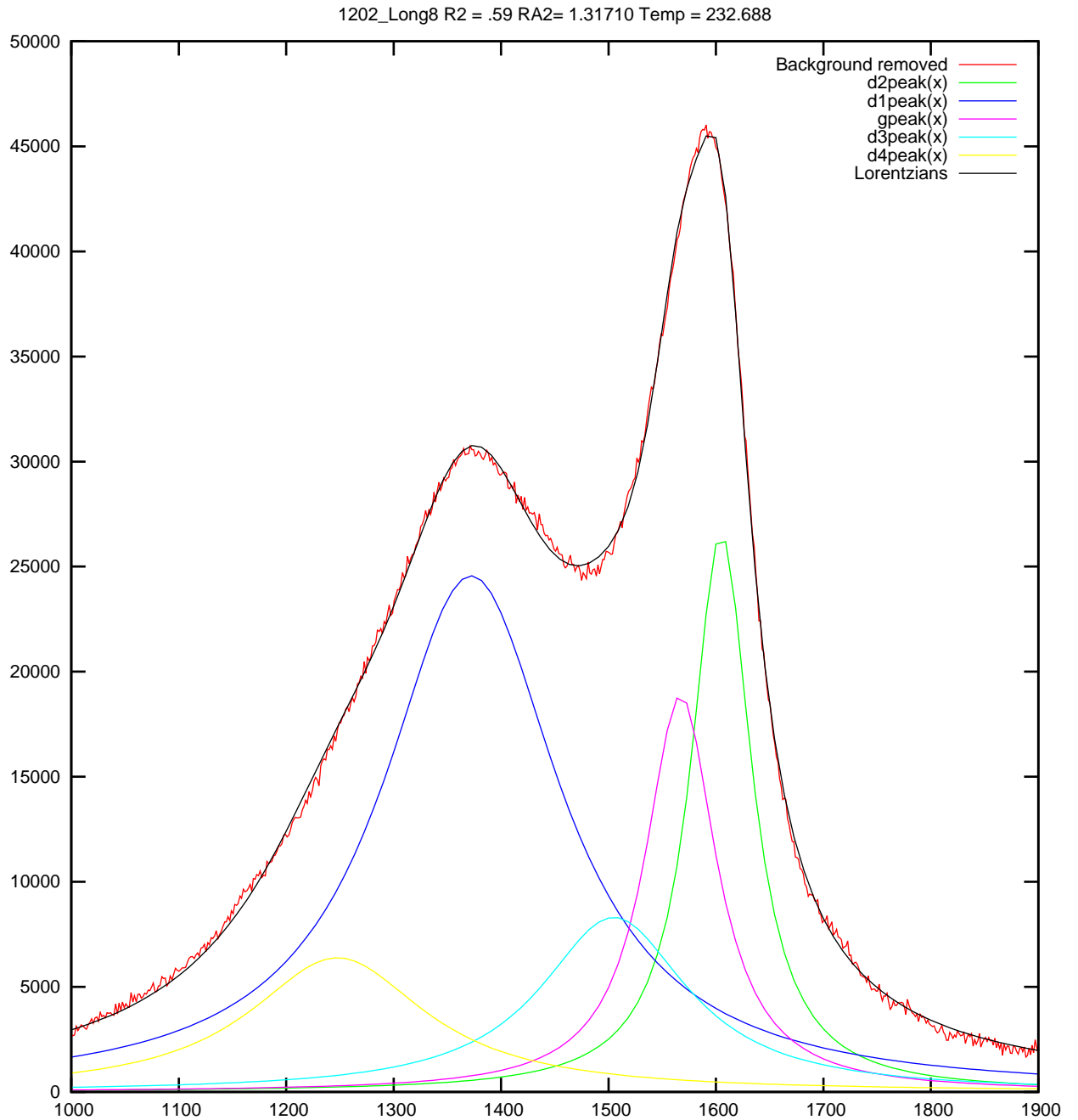
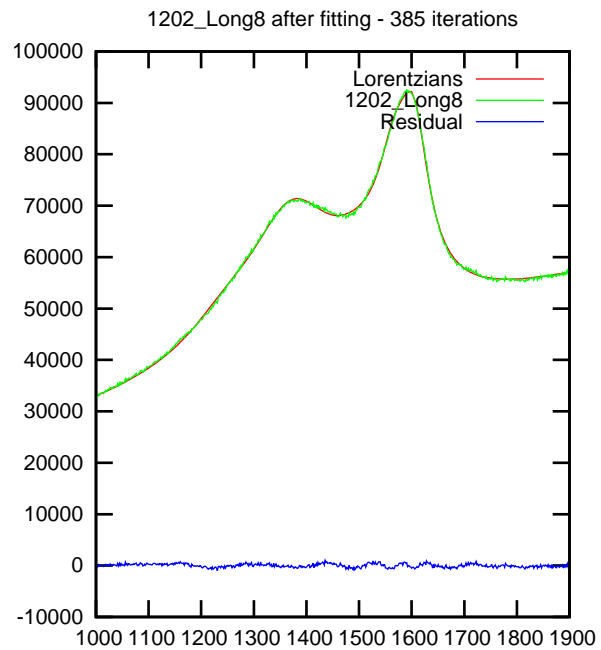
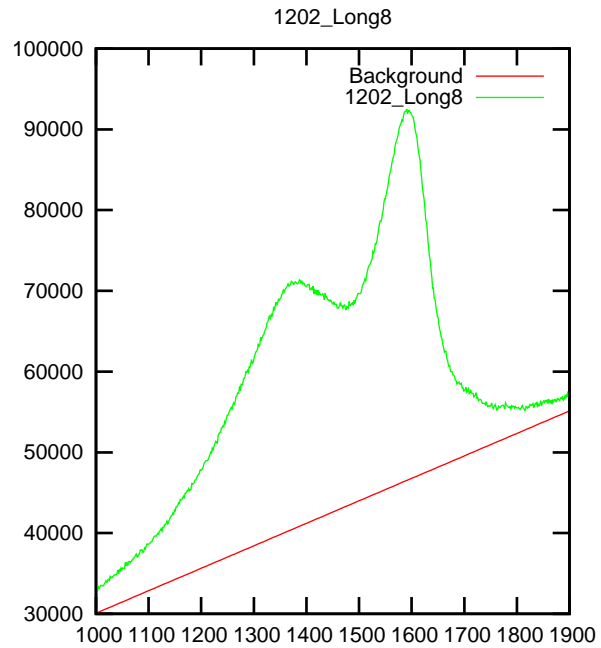


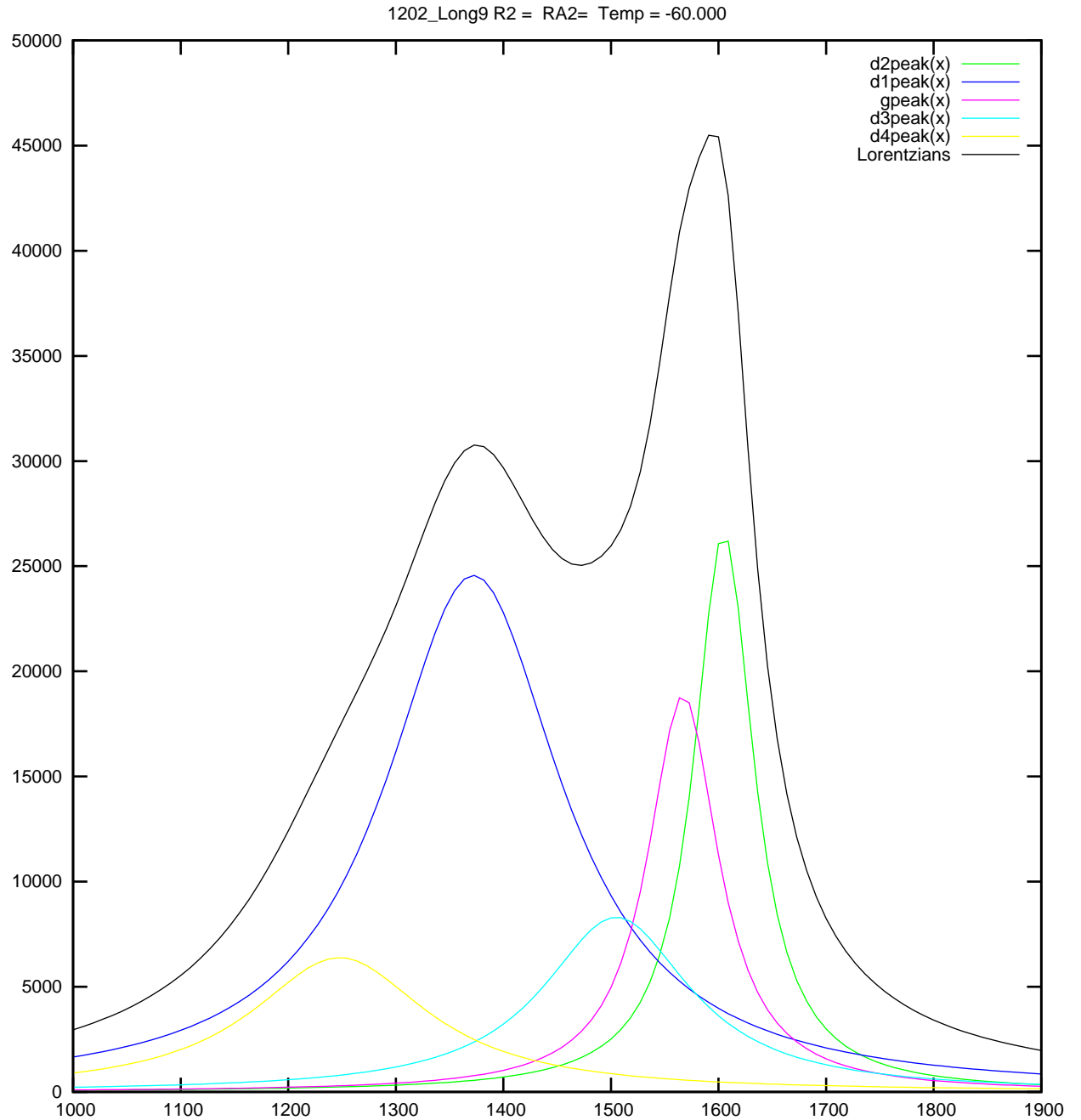
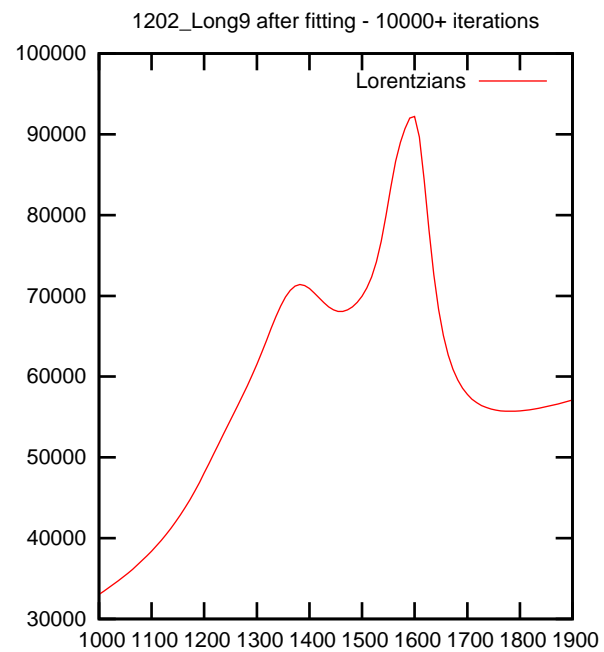
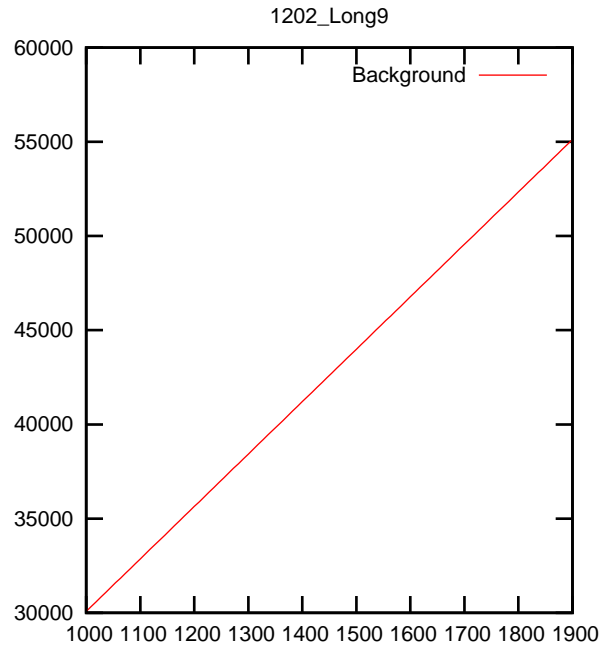




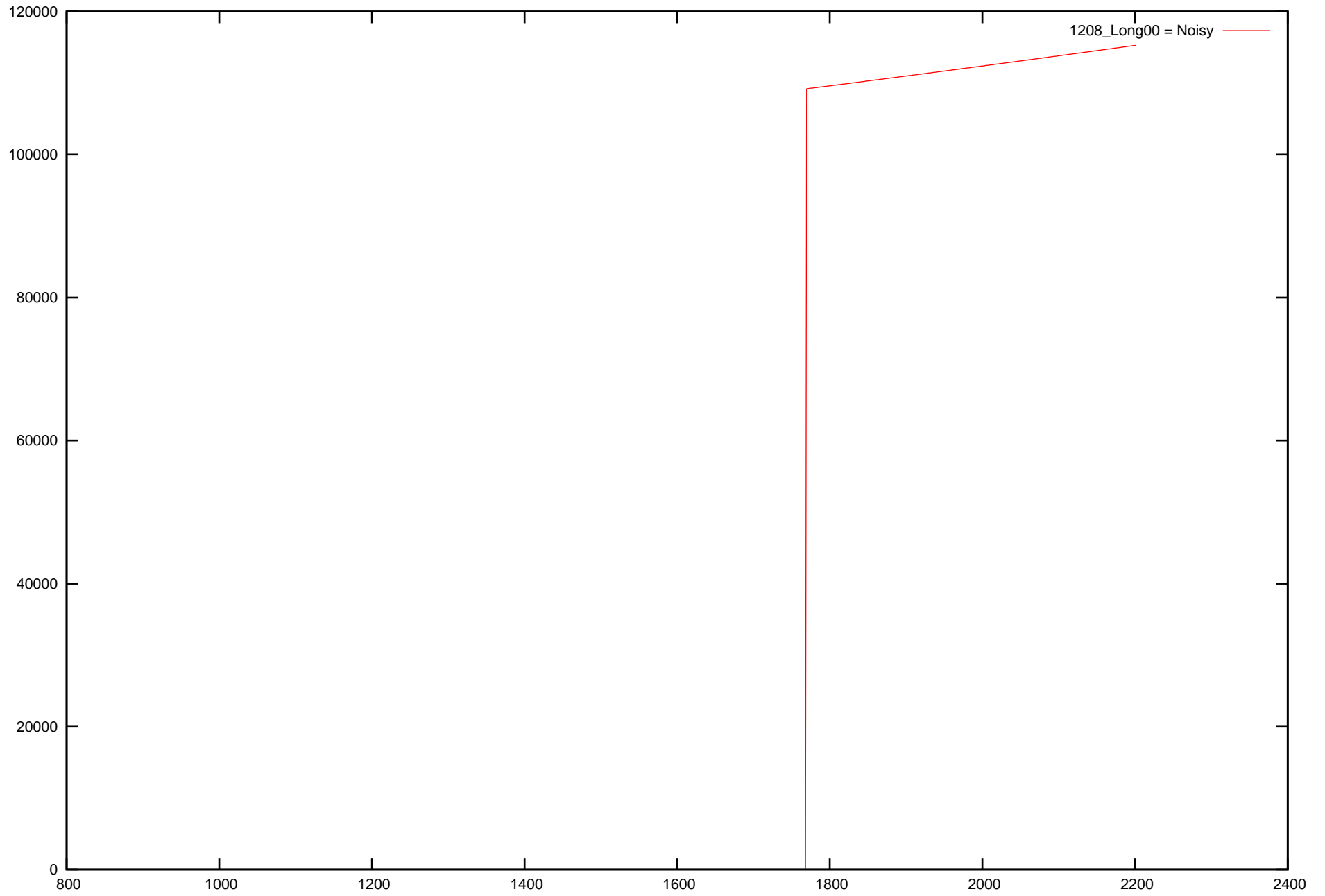




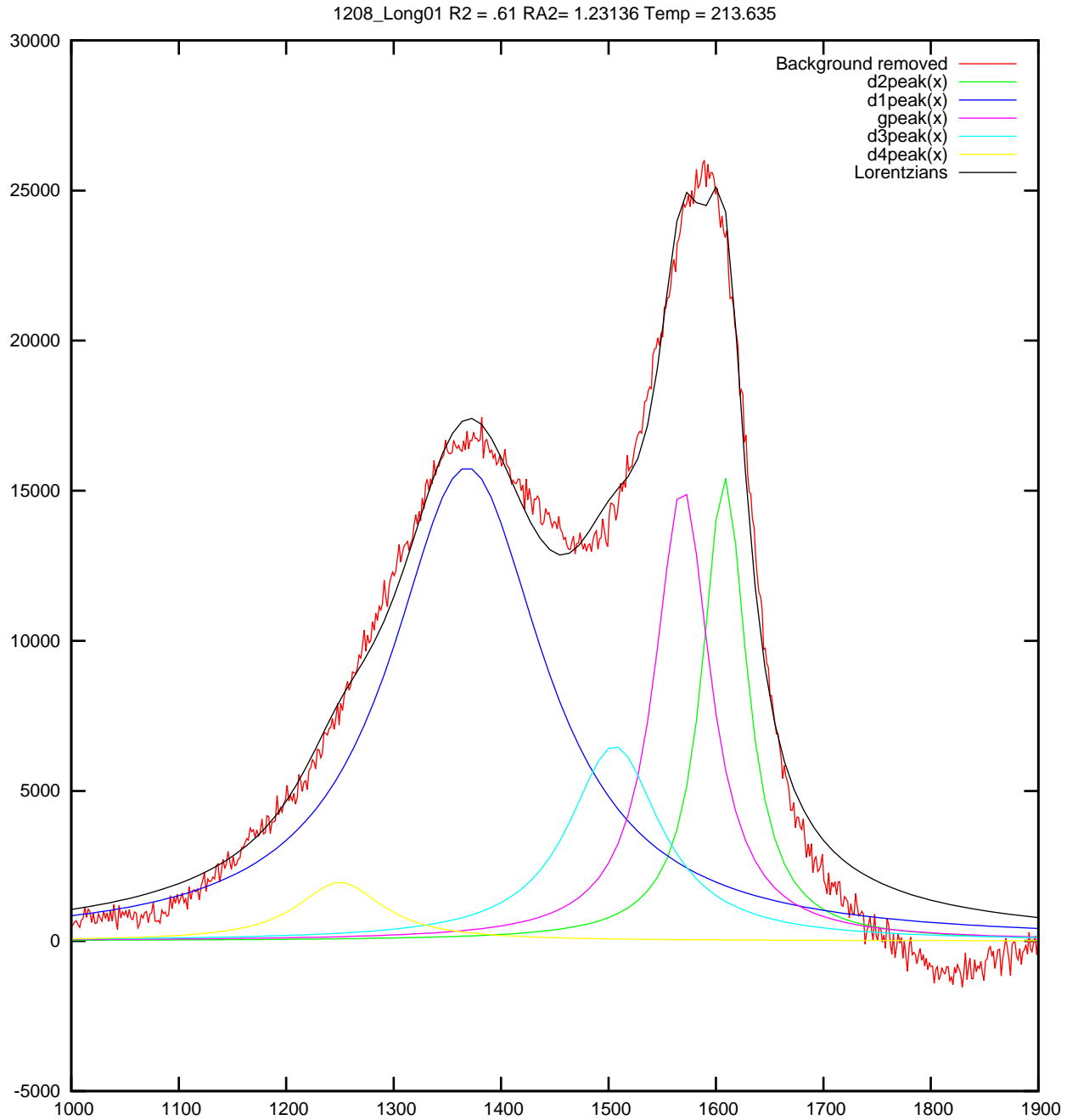
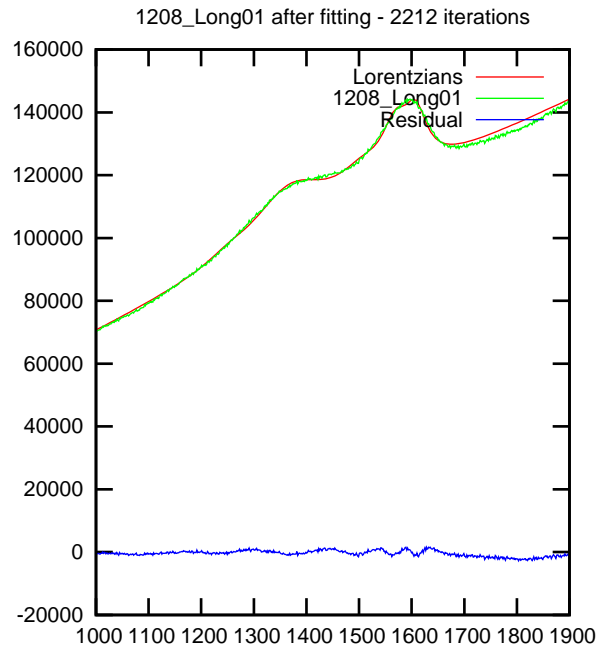
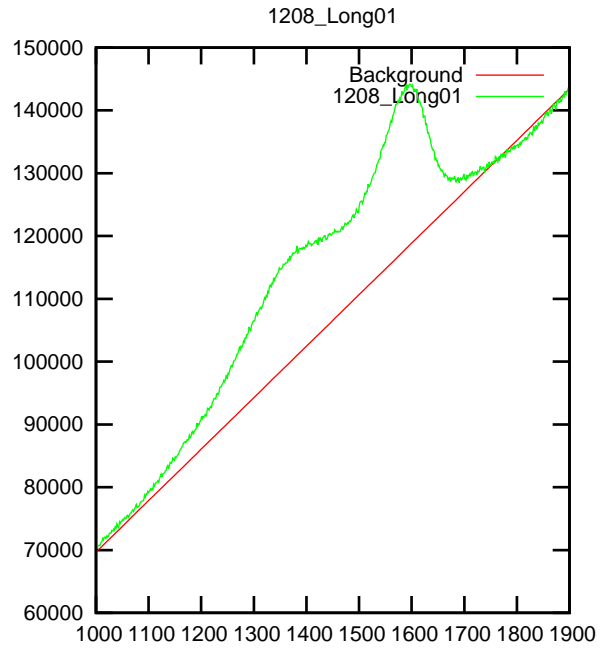




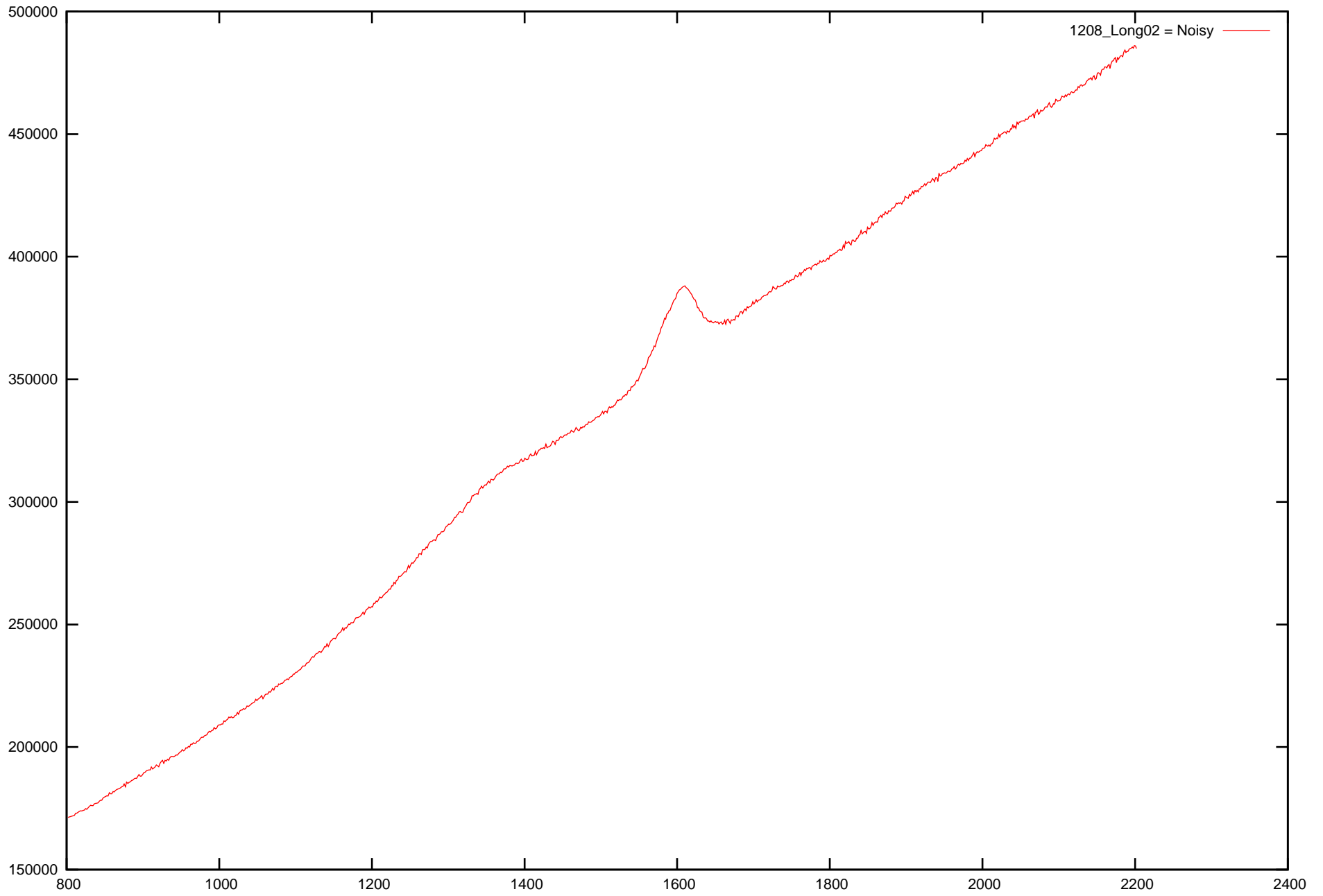
1208_Long00 = Noisy

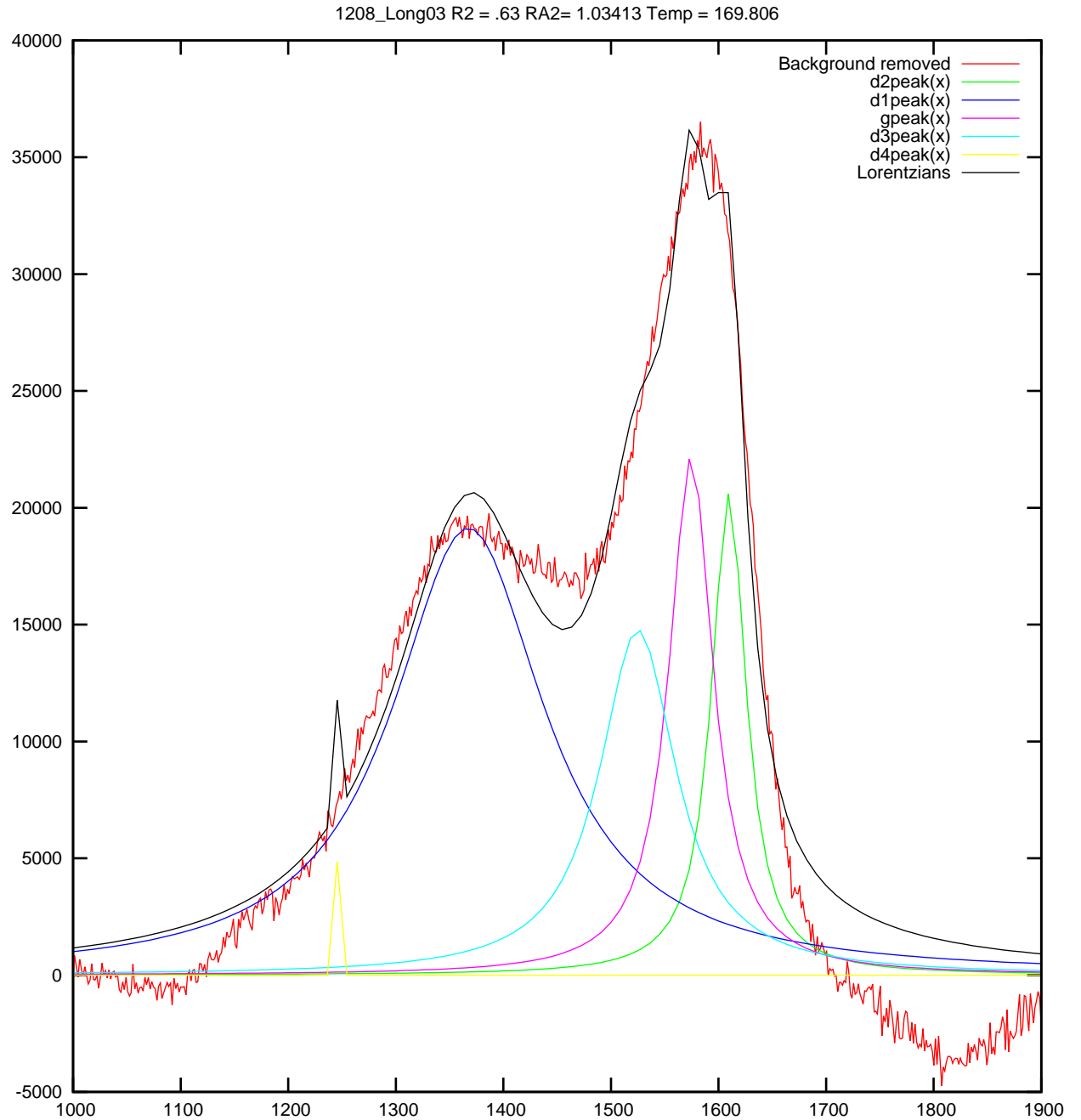
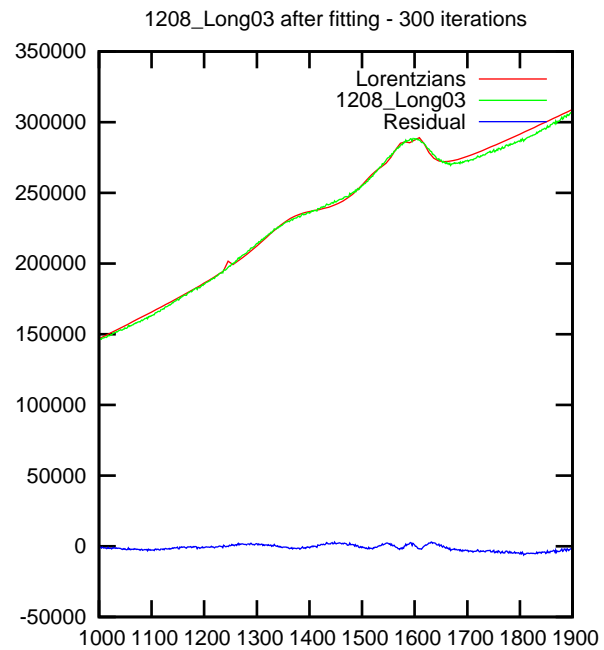
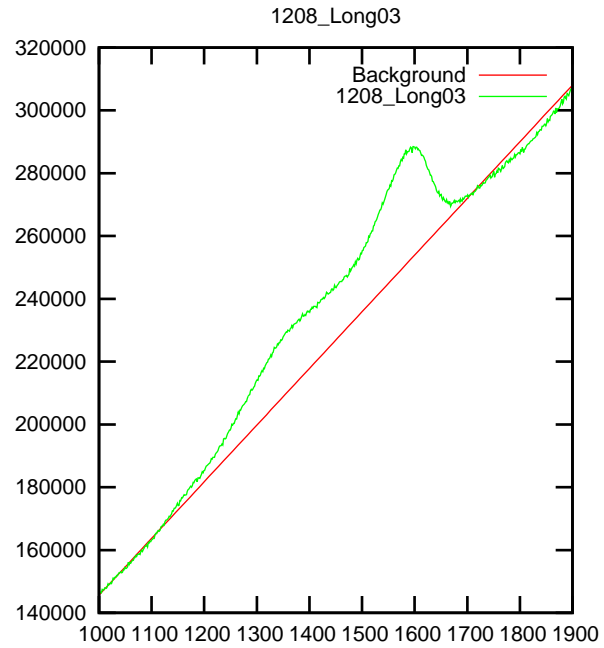


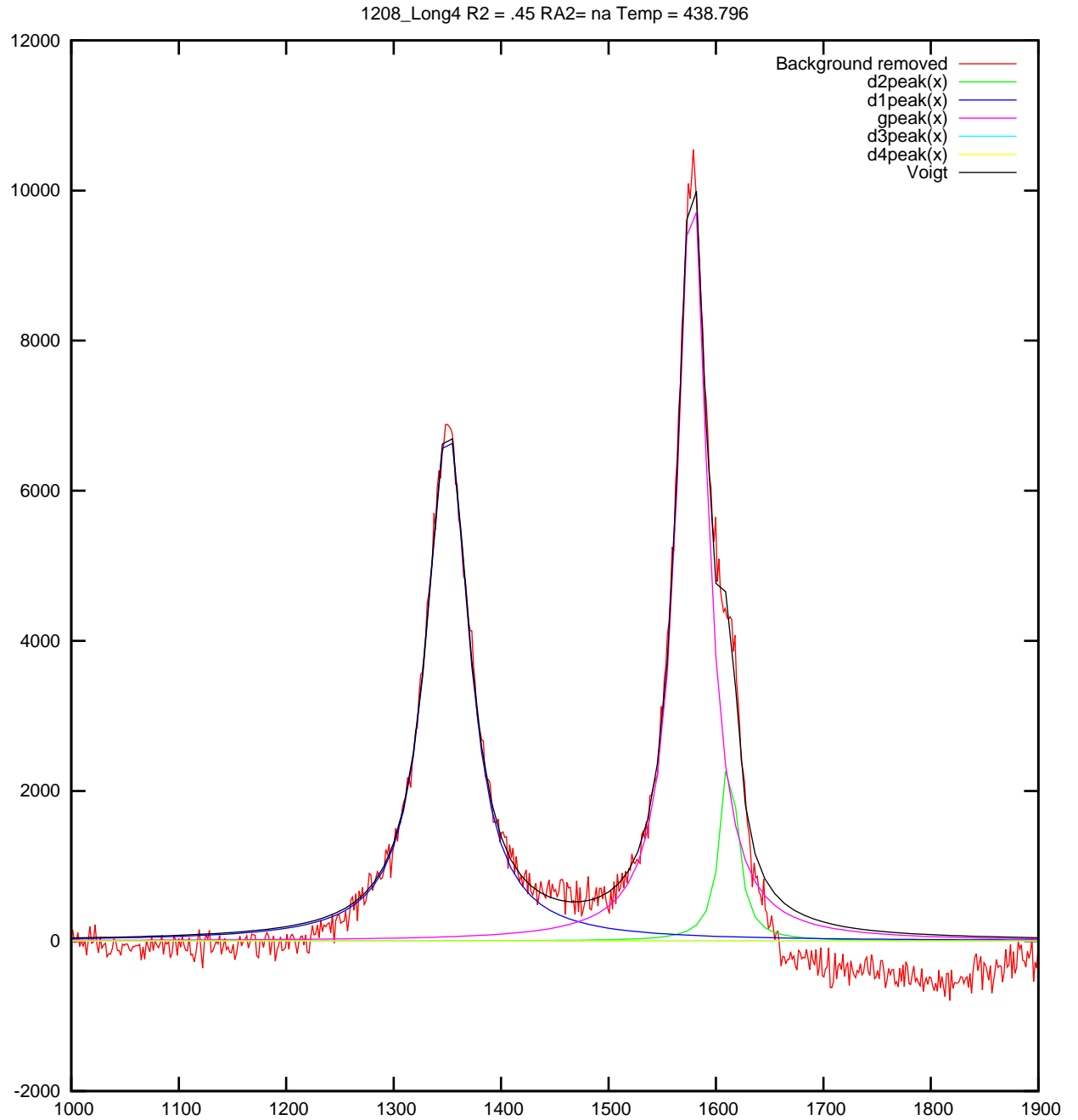
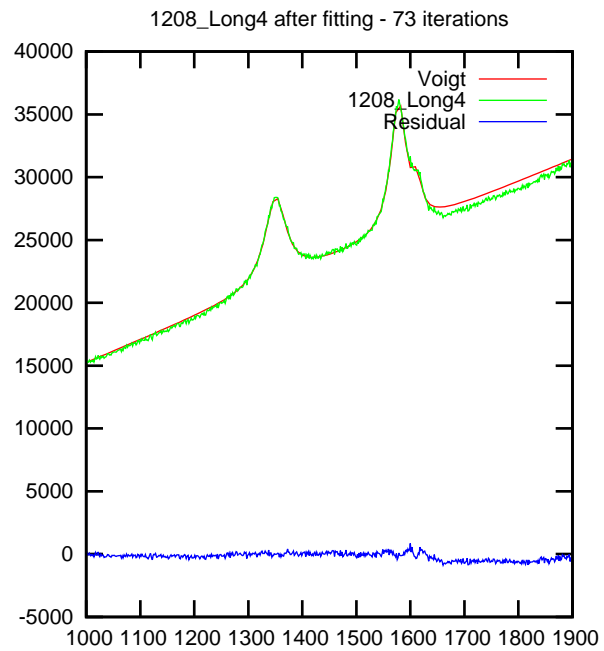
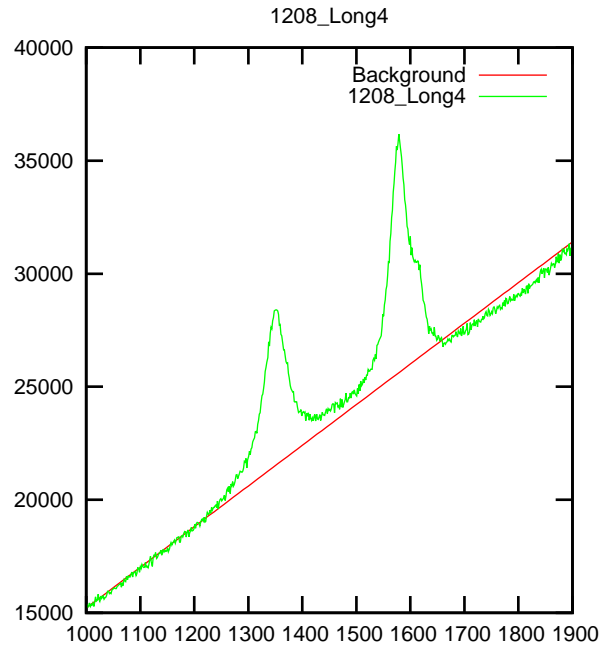
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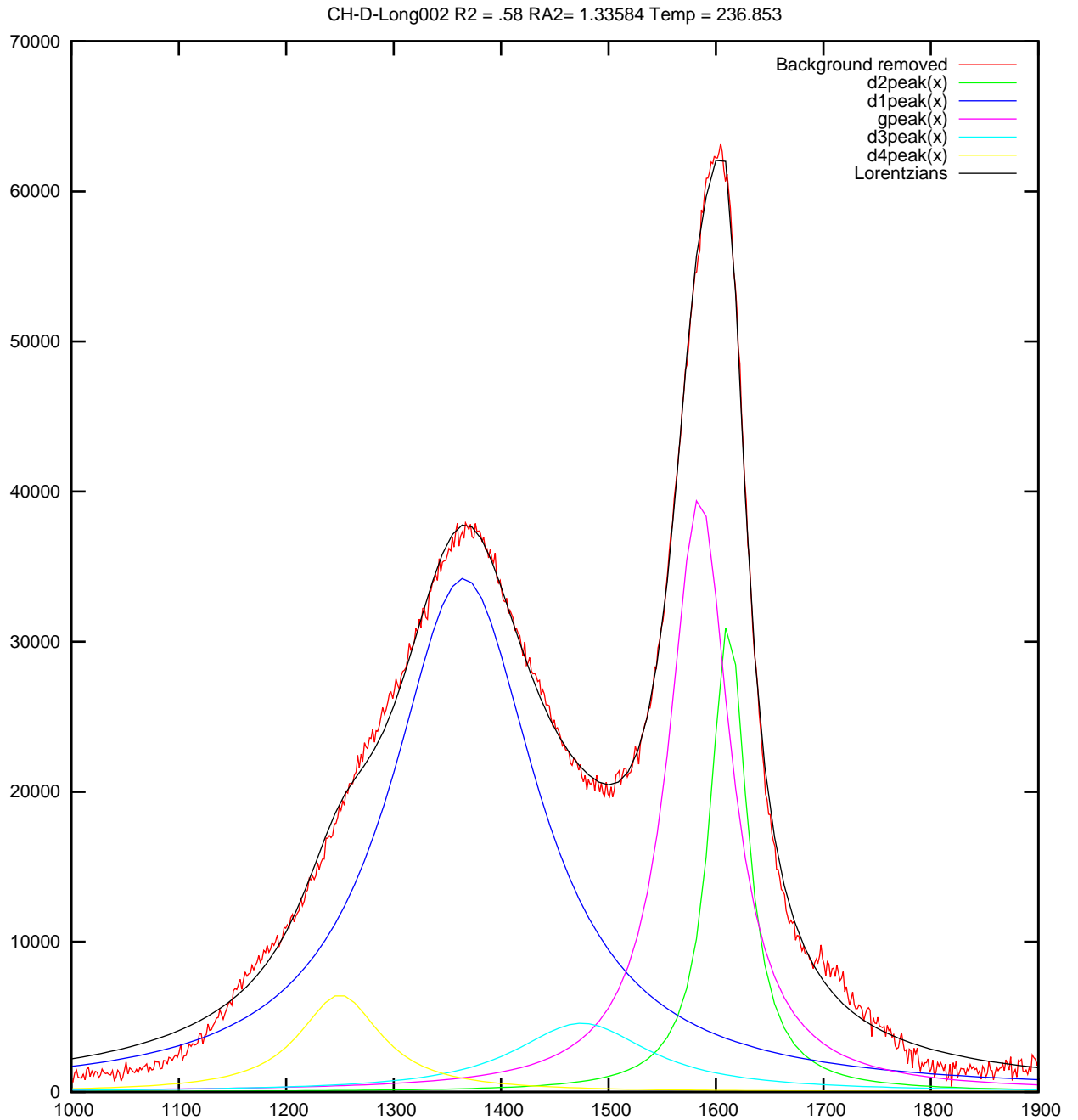
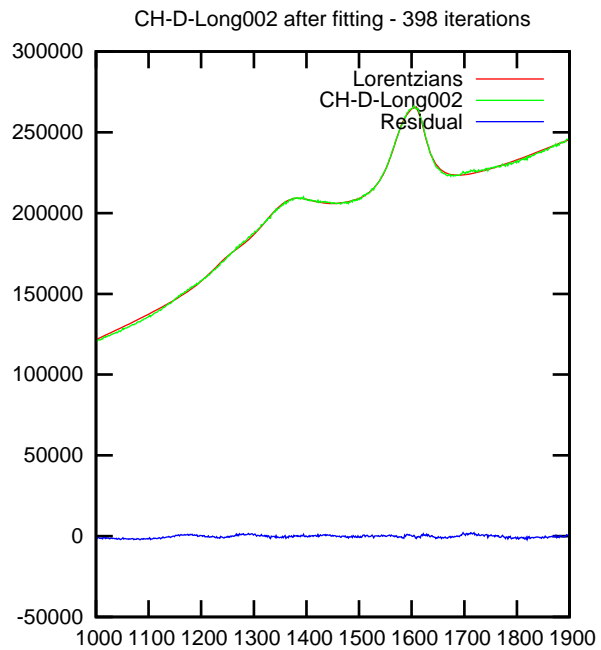
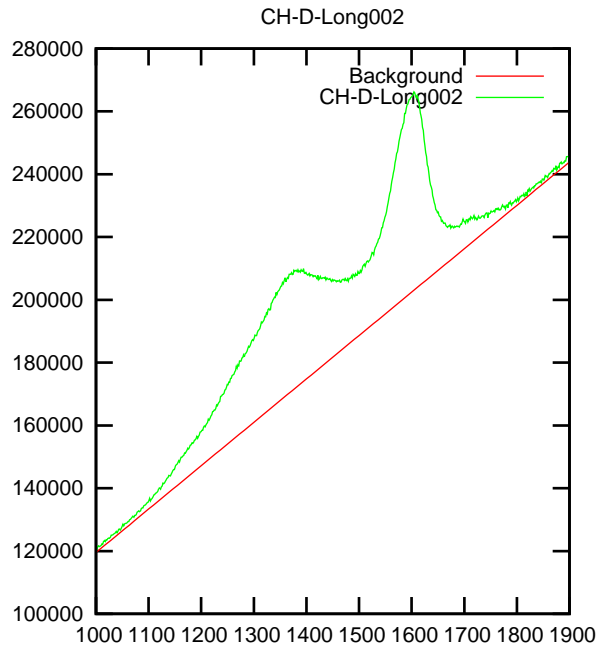


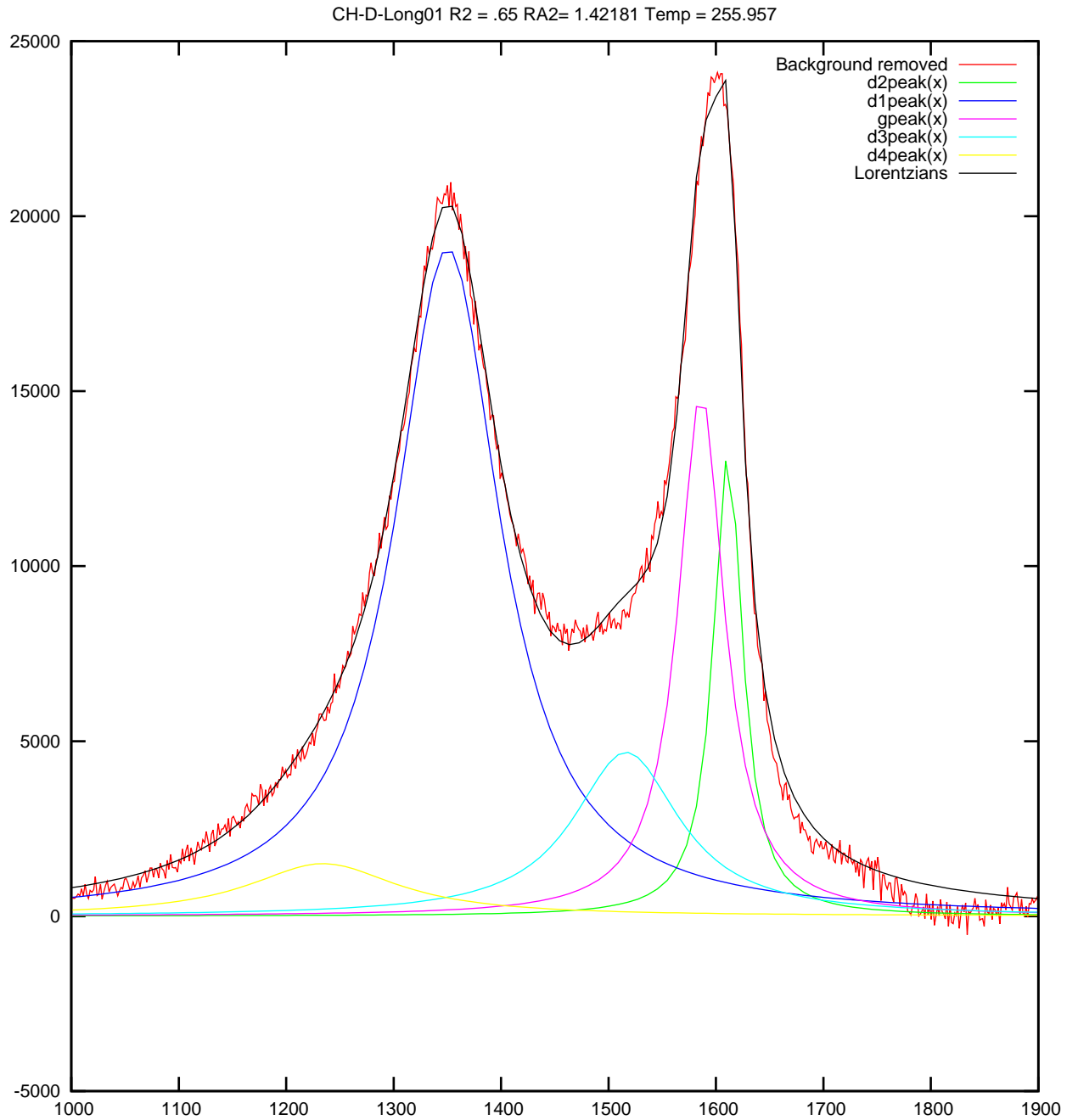
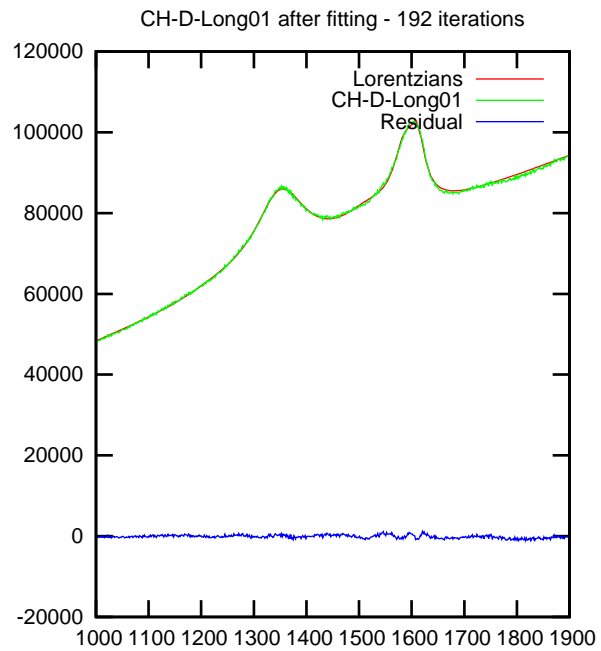
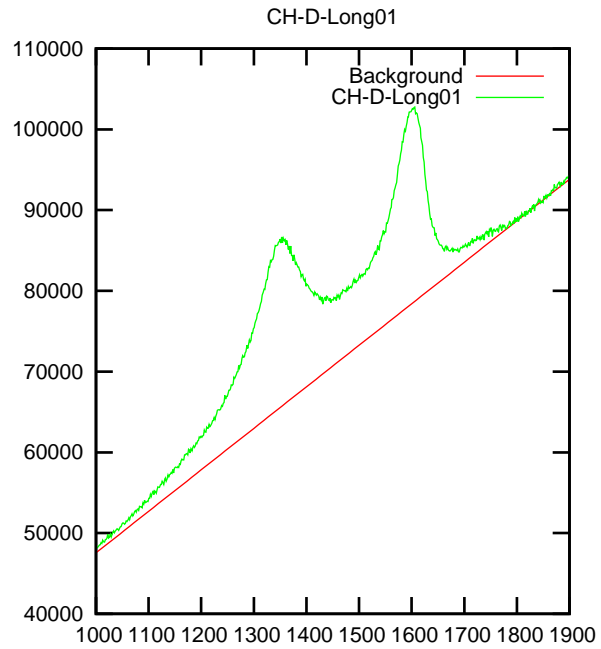
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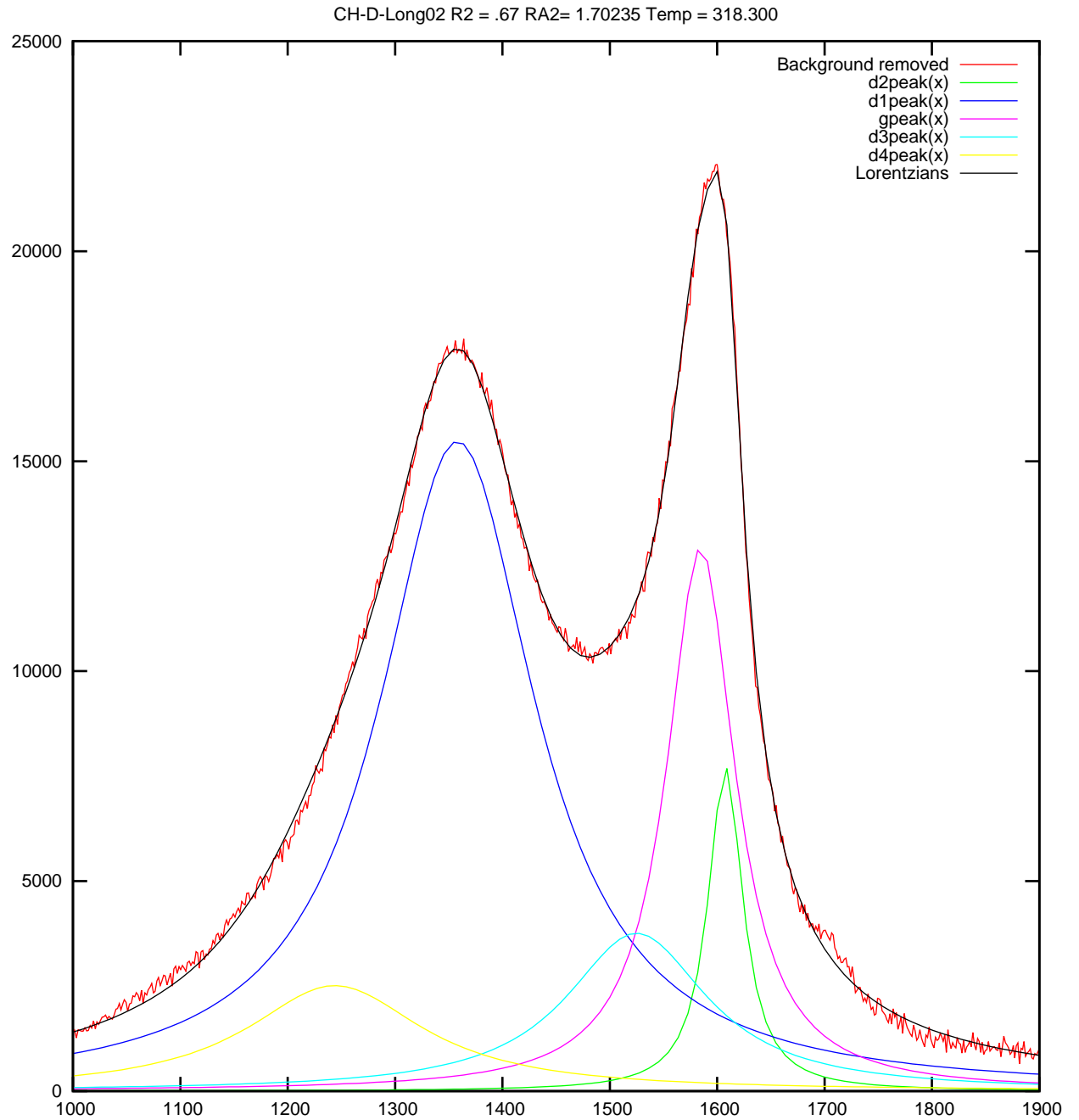
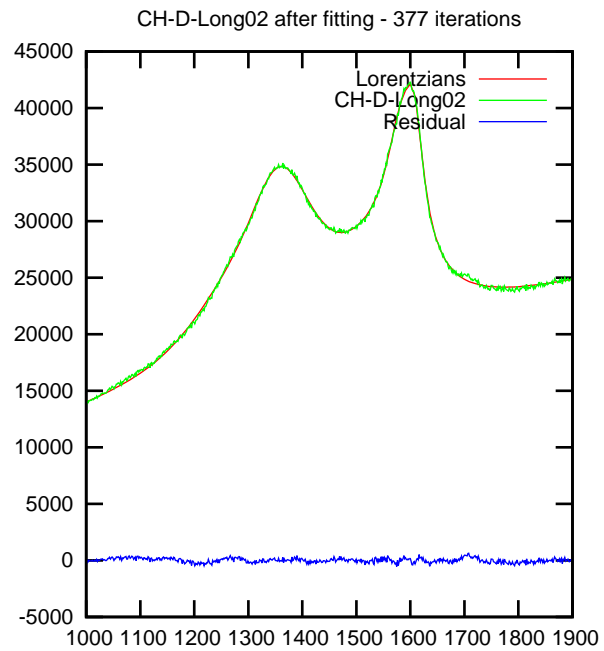
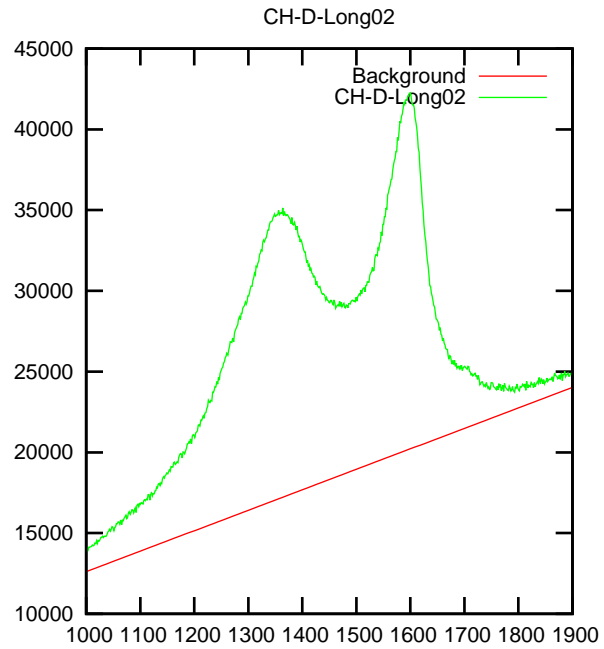


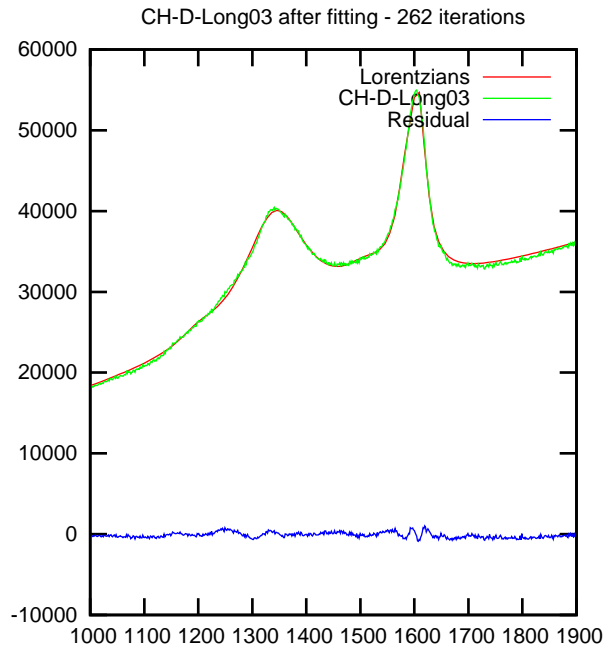
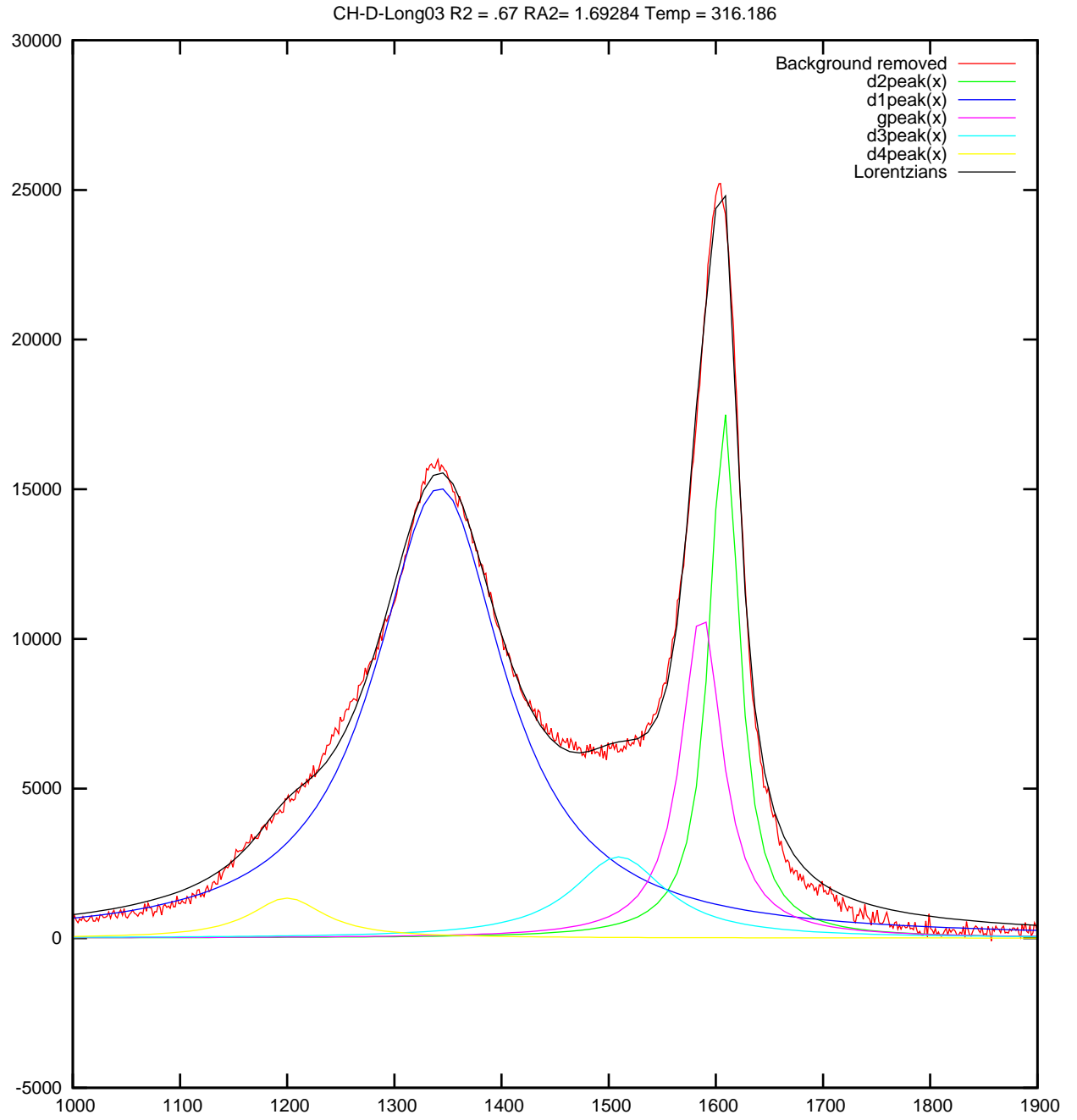
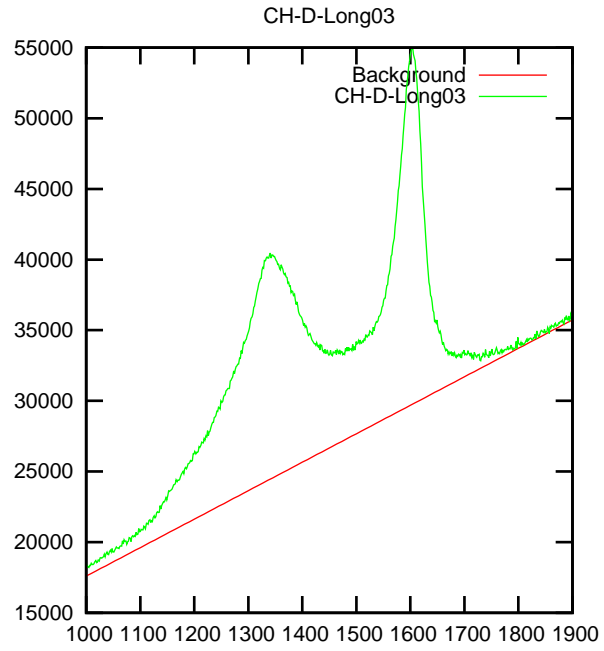


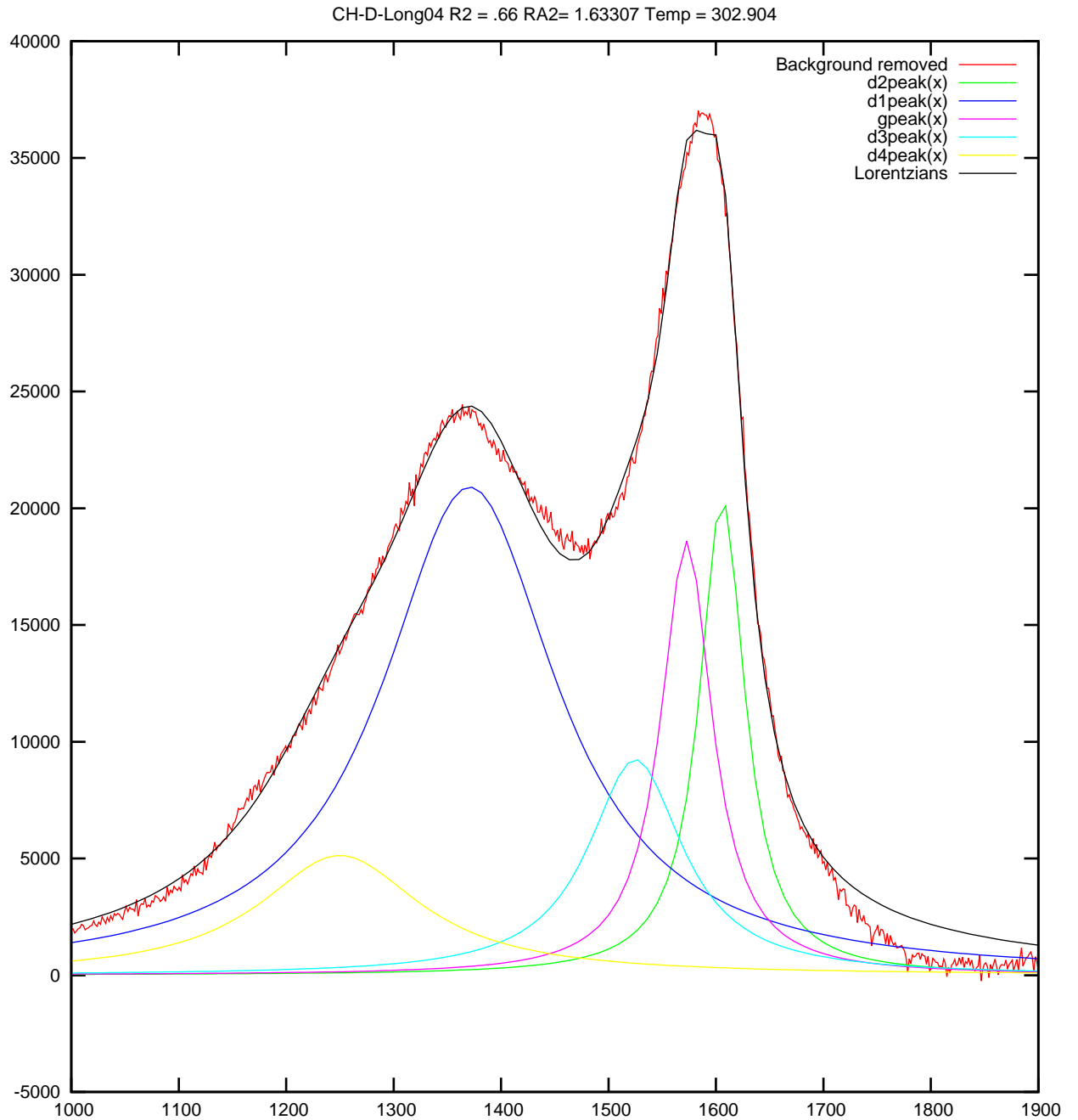
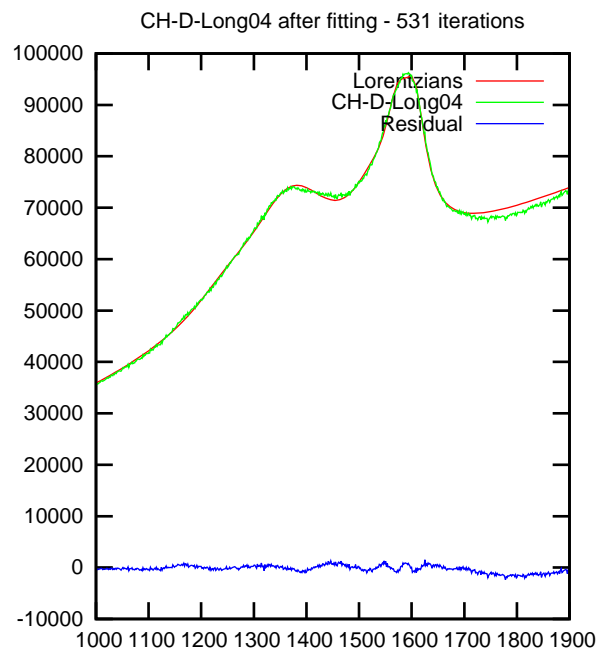
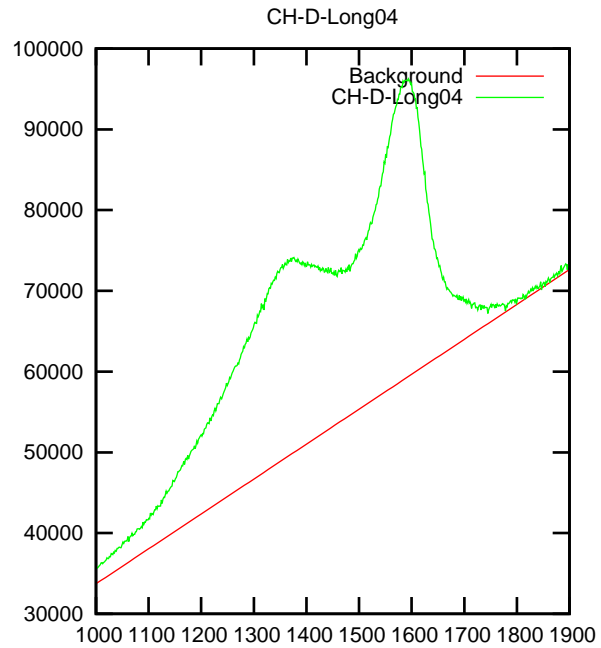


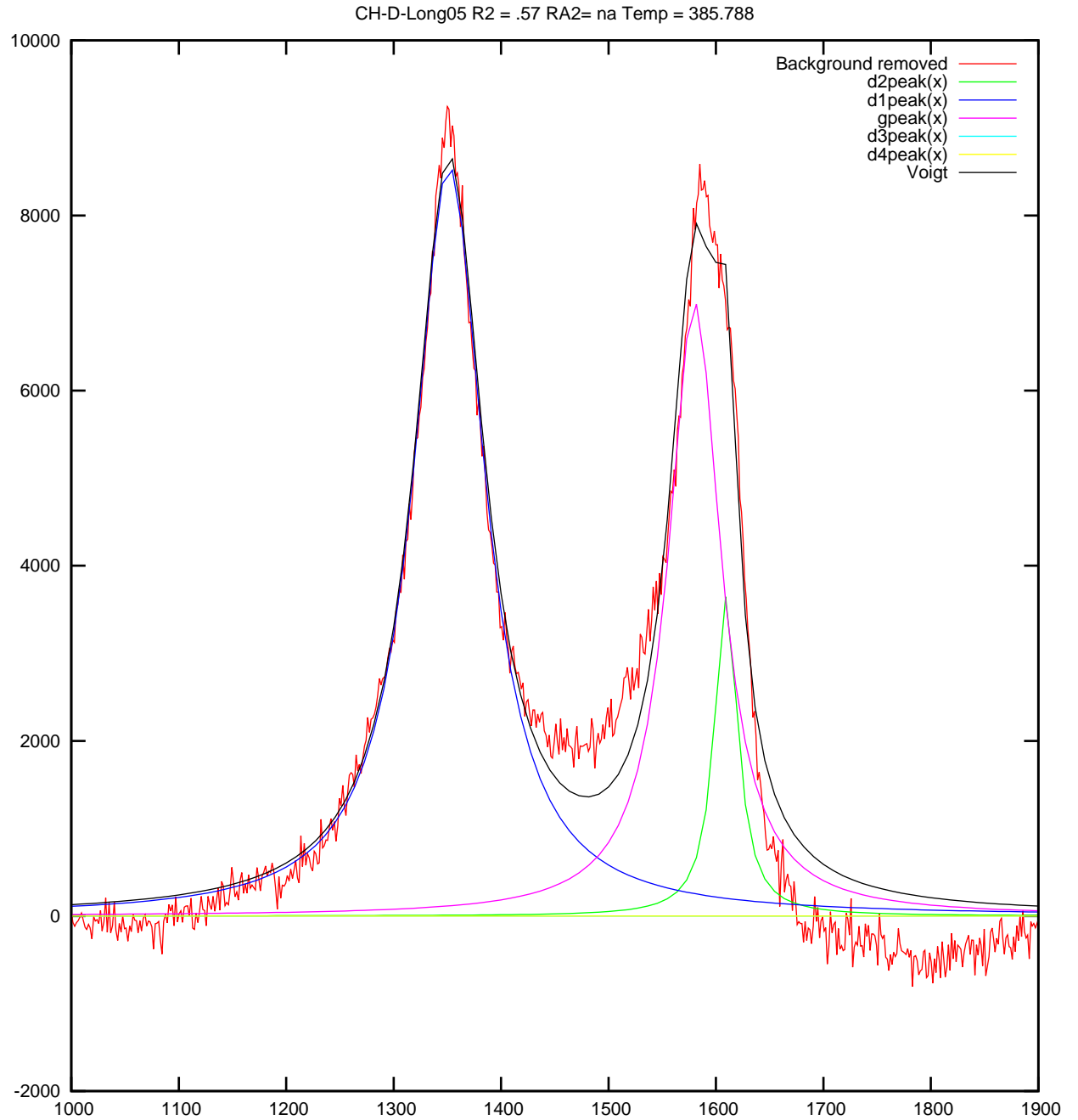
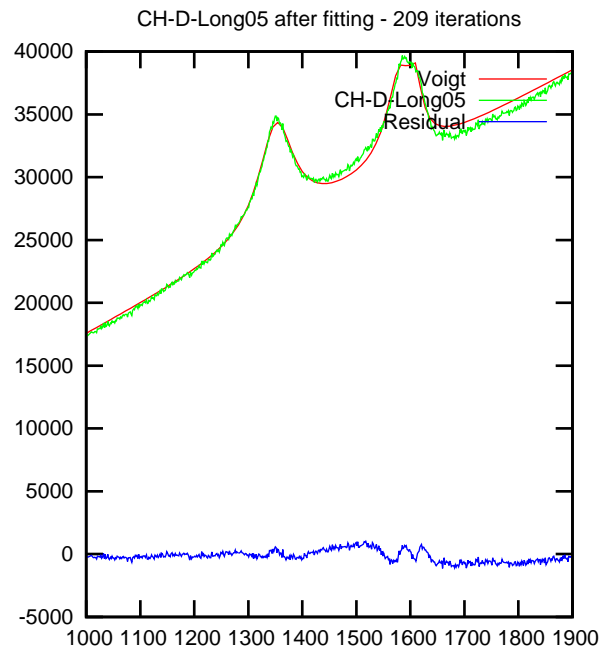
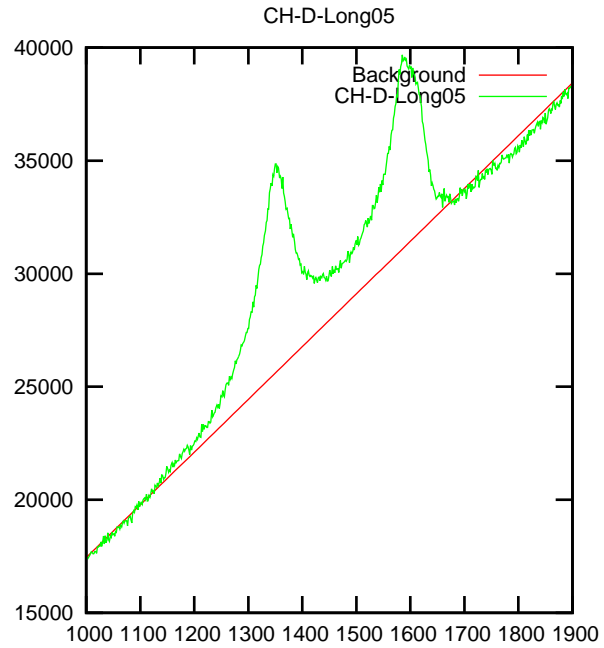


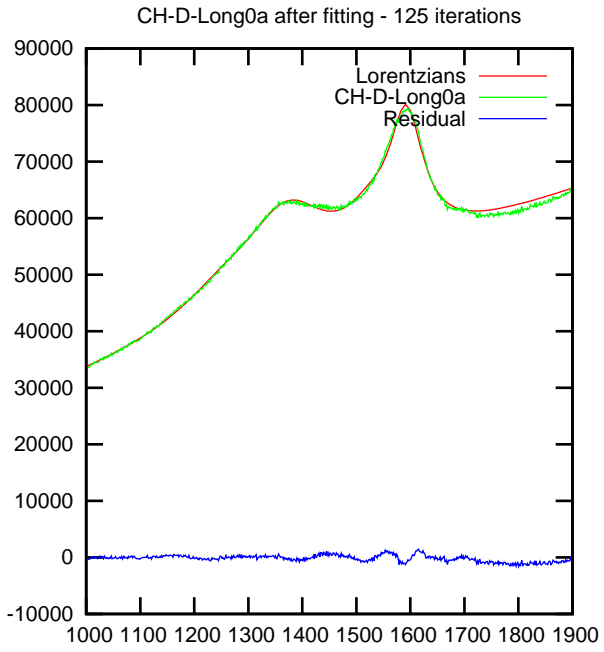
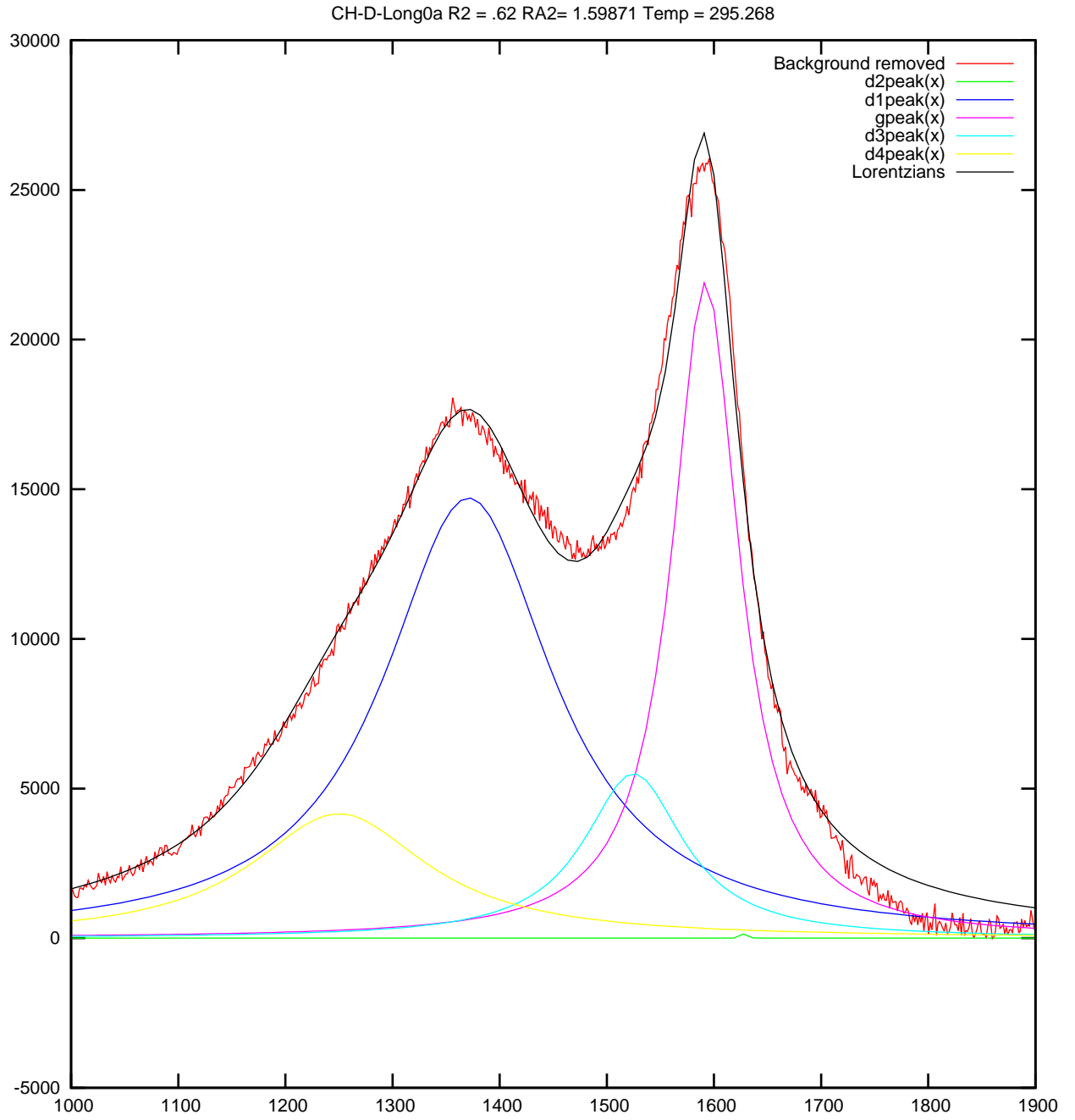
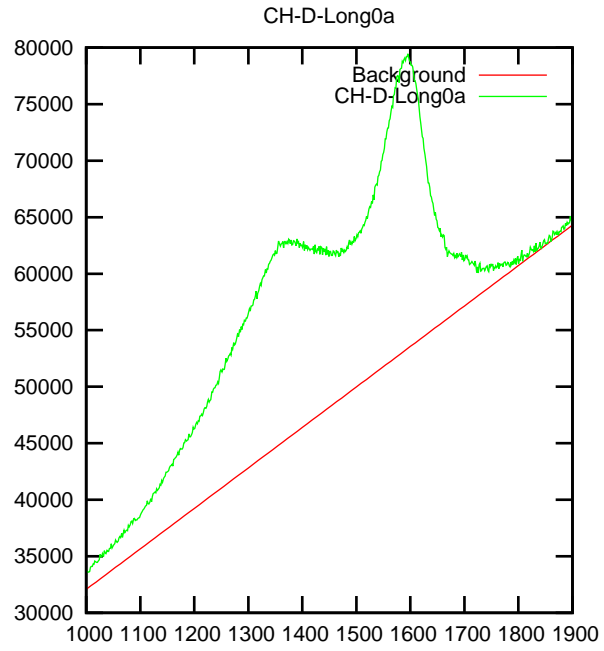


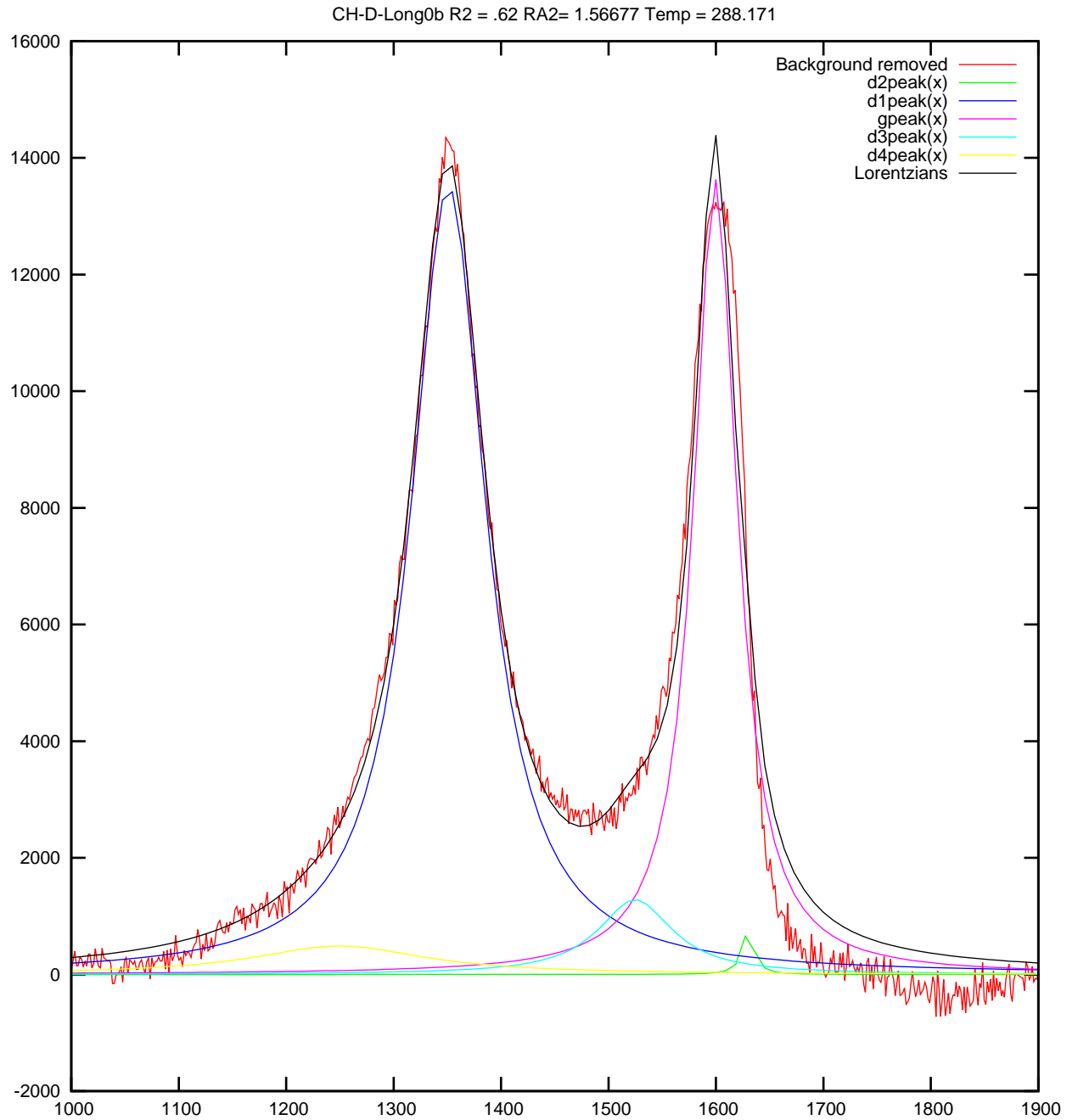
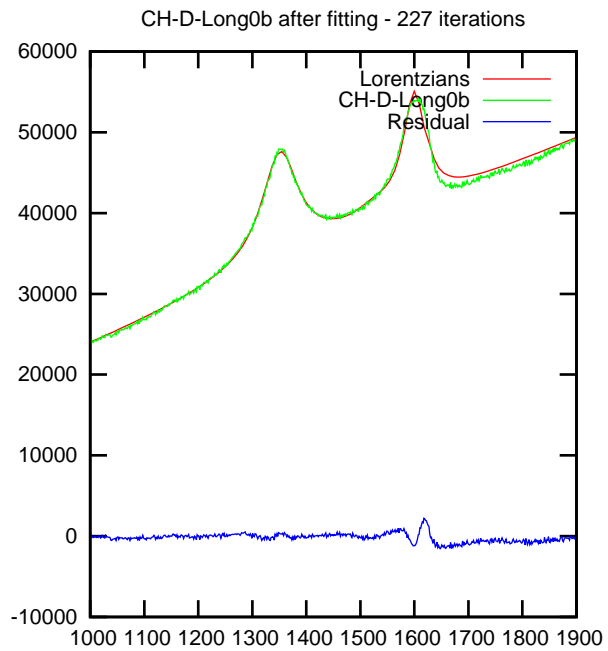
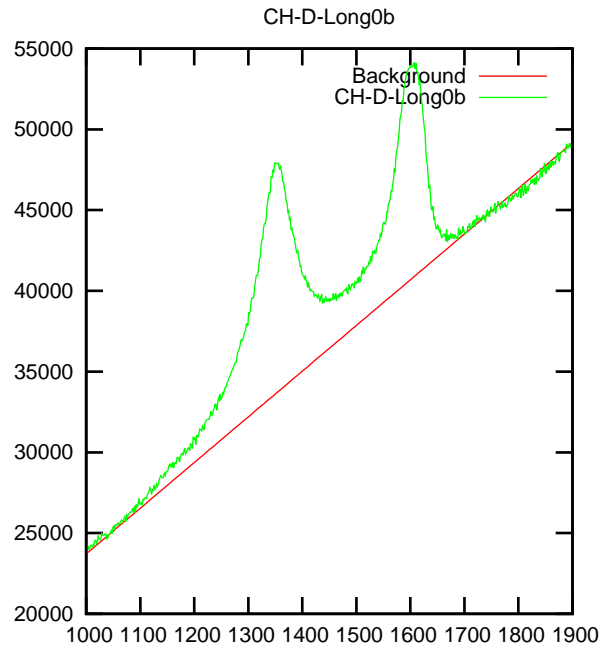


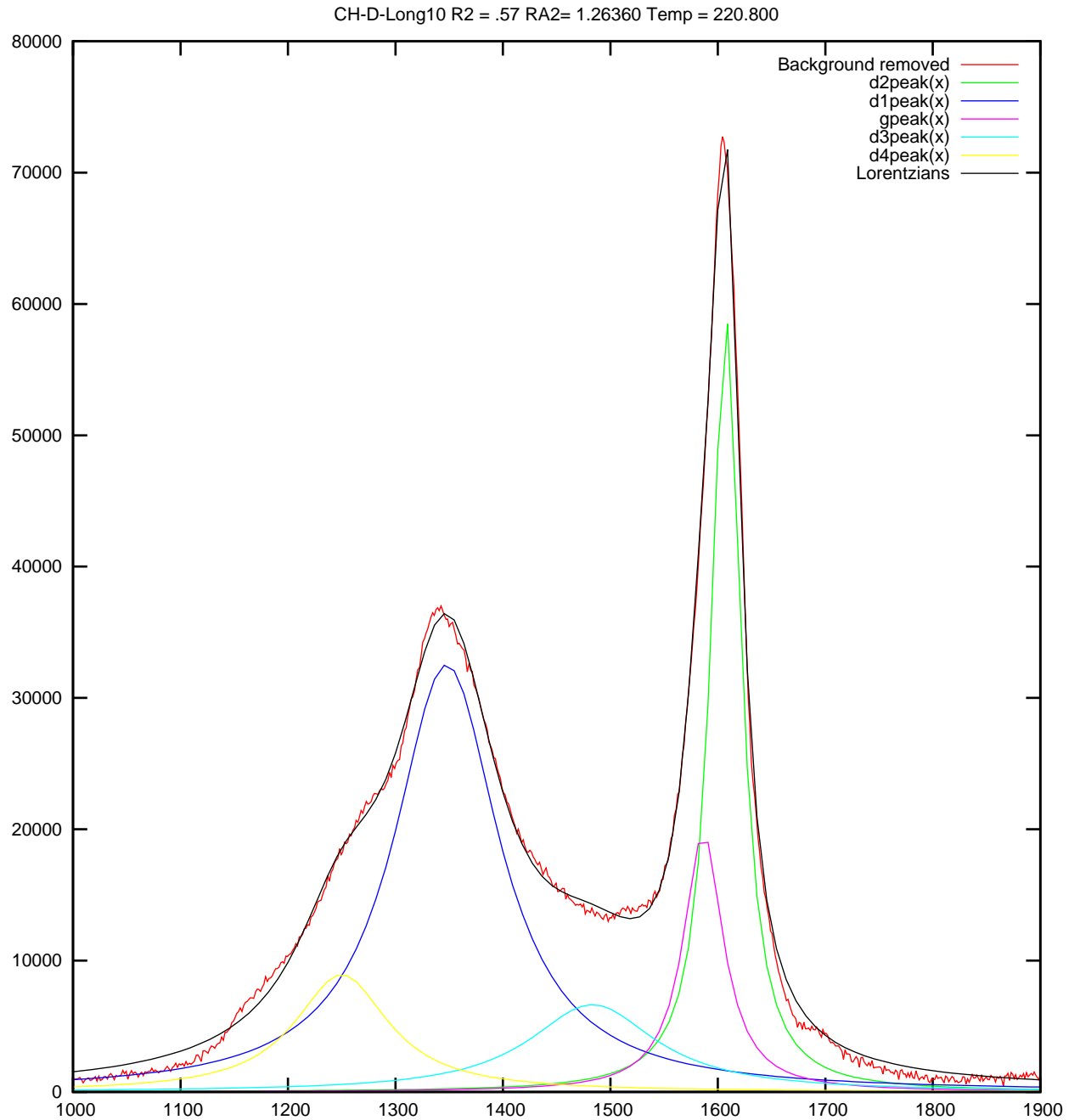
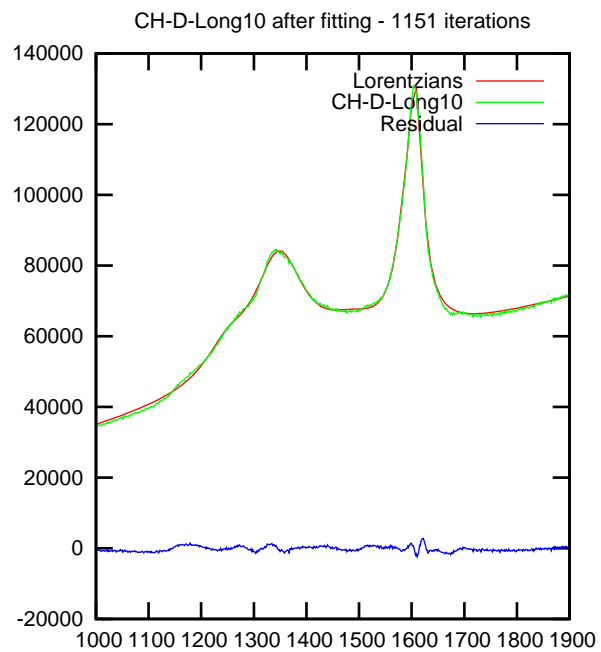
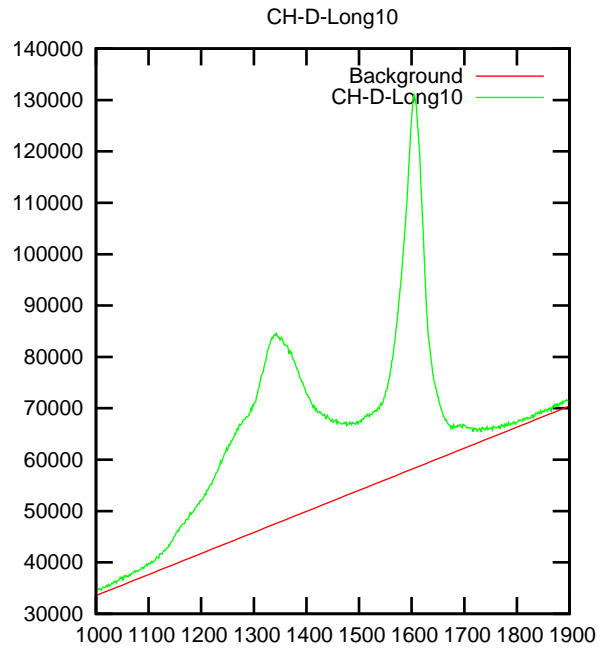


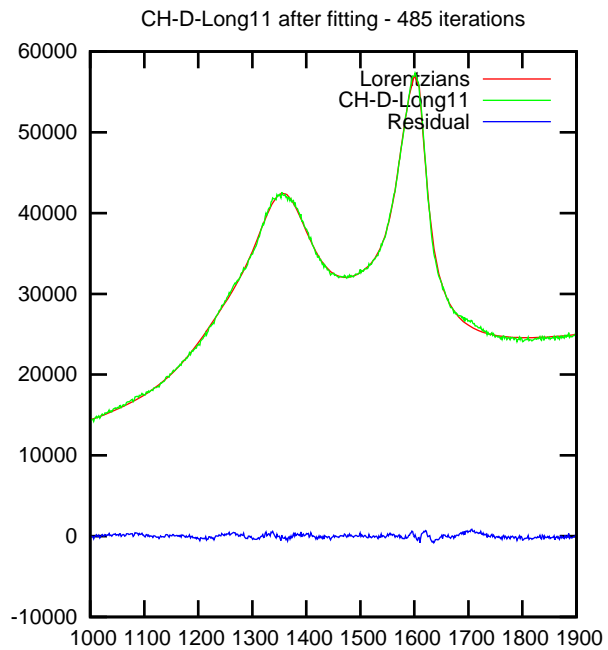
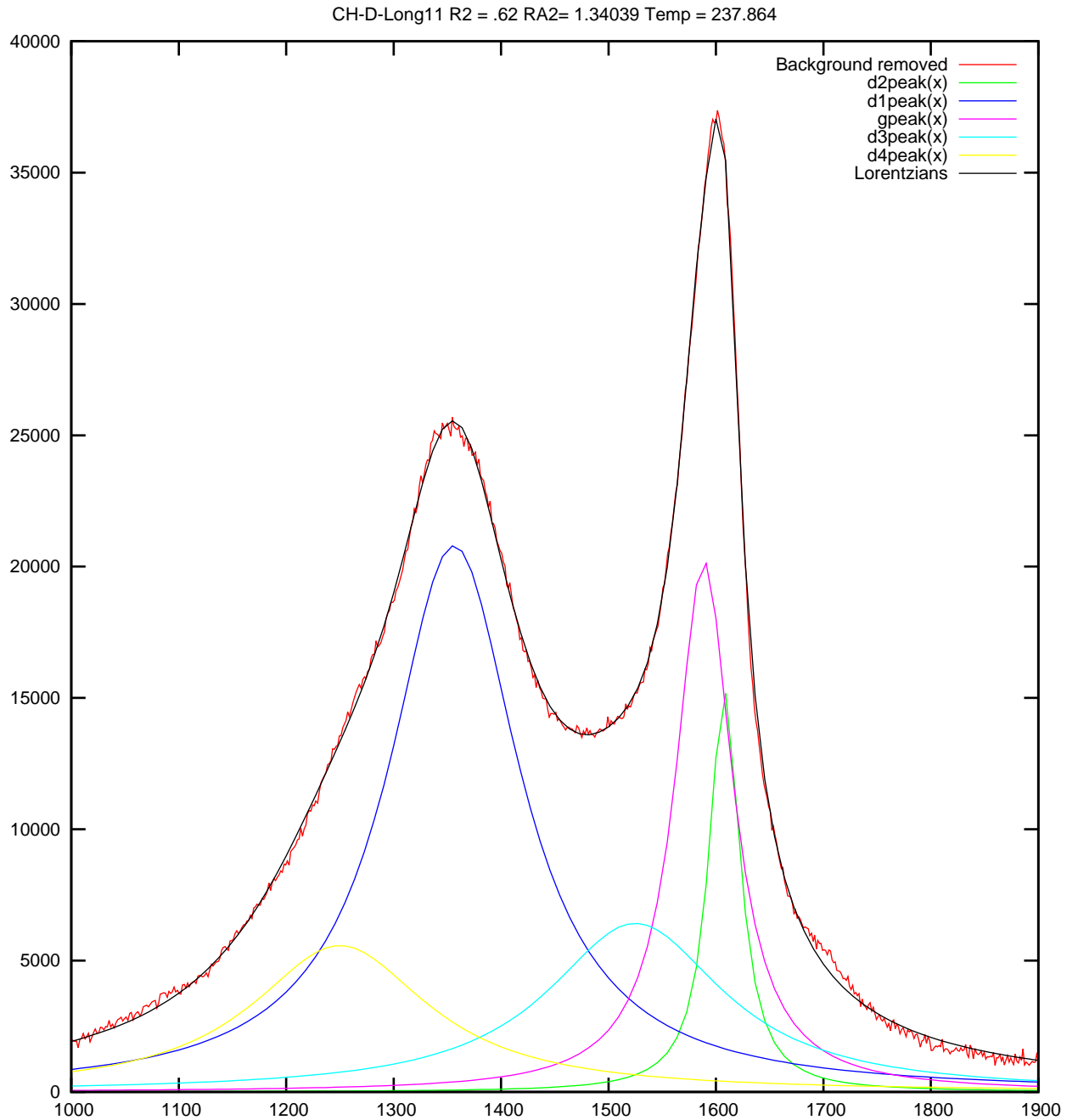
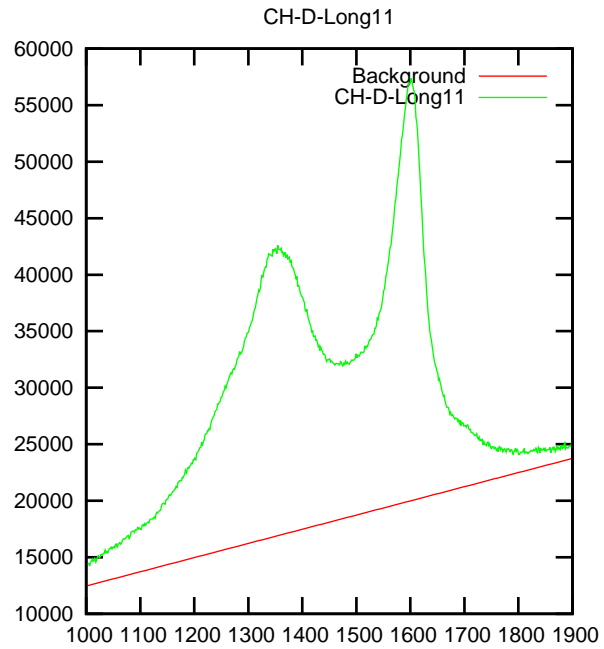


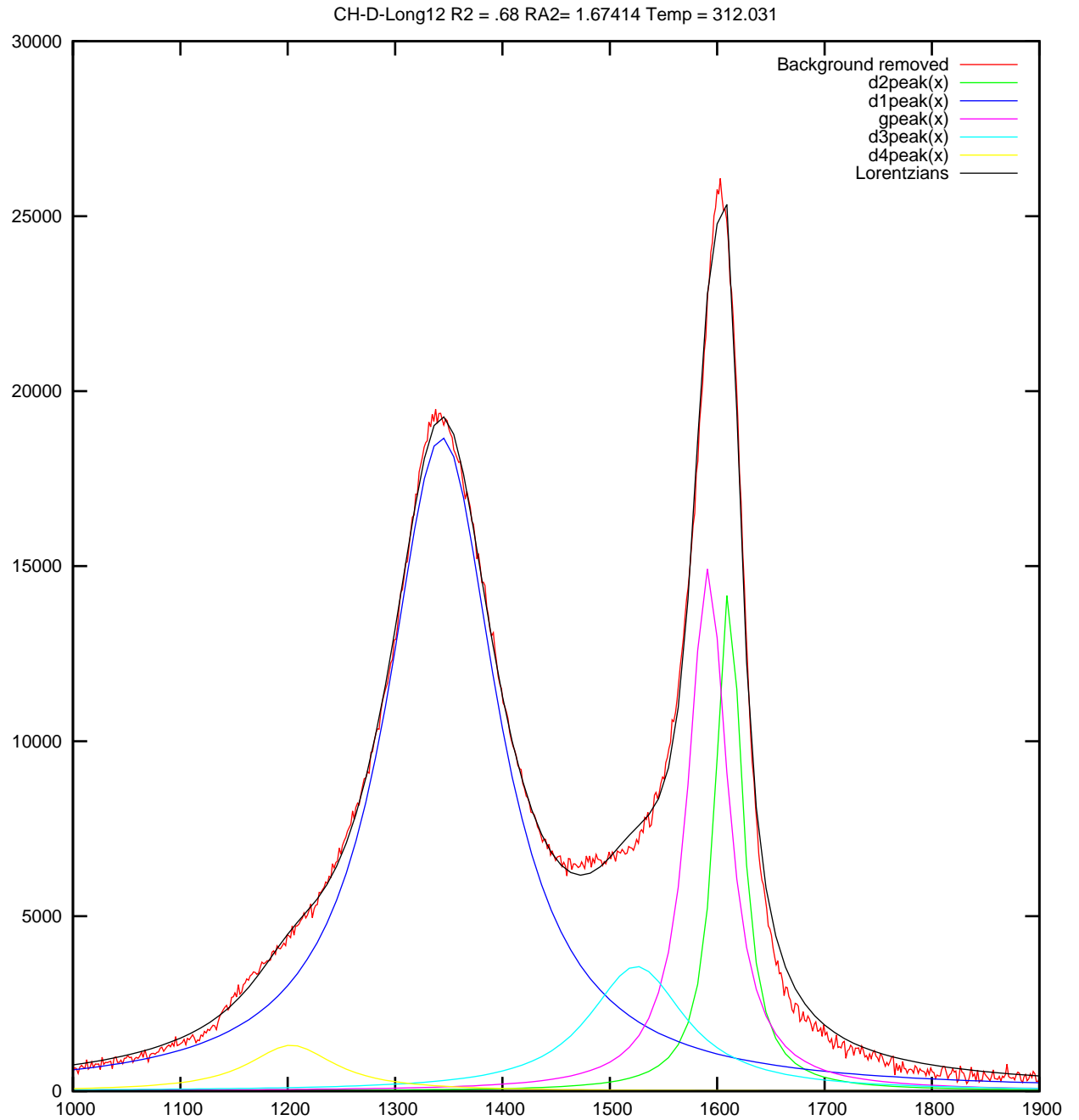
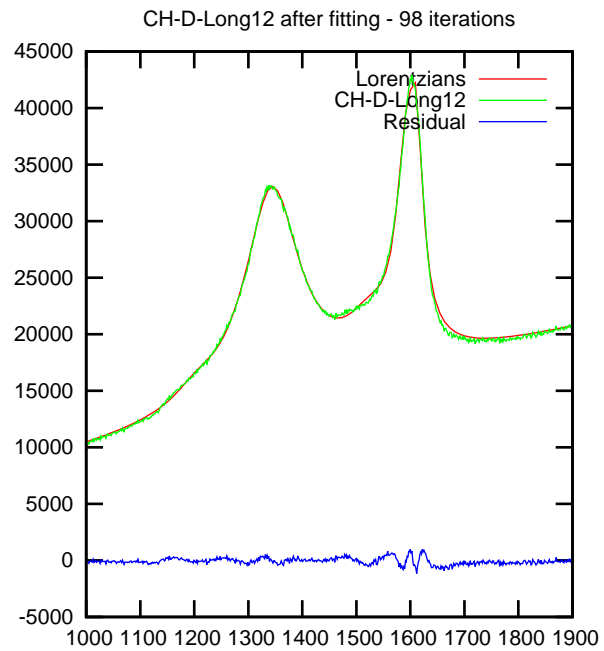
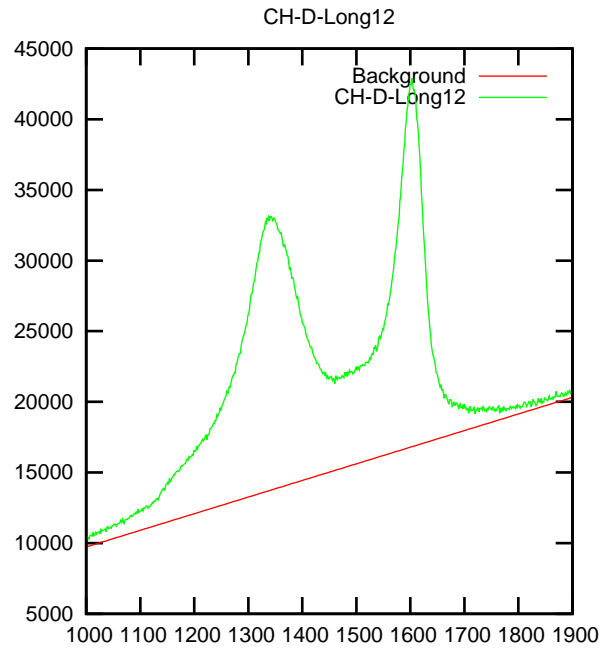


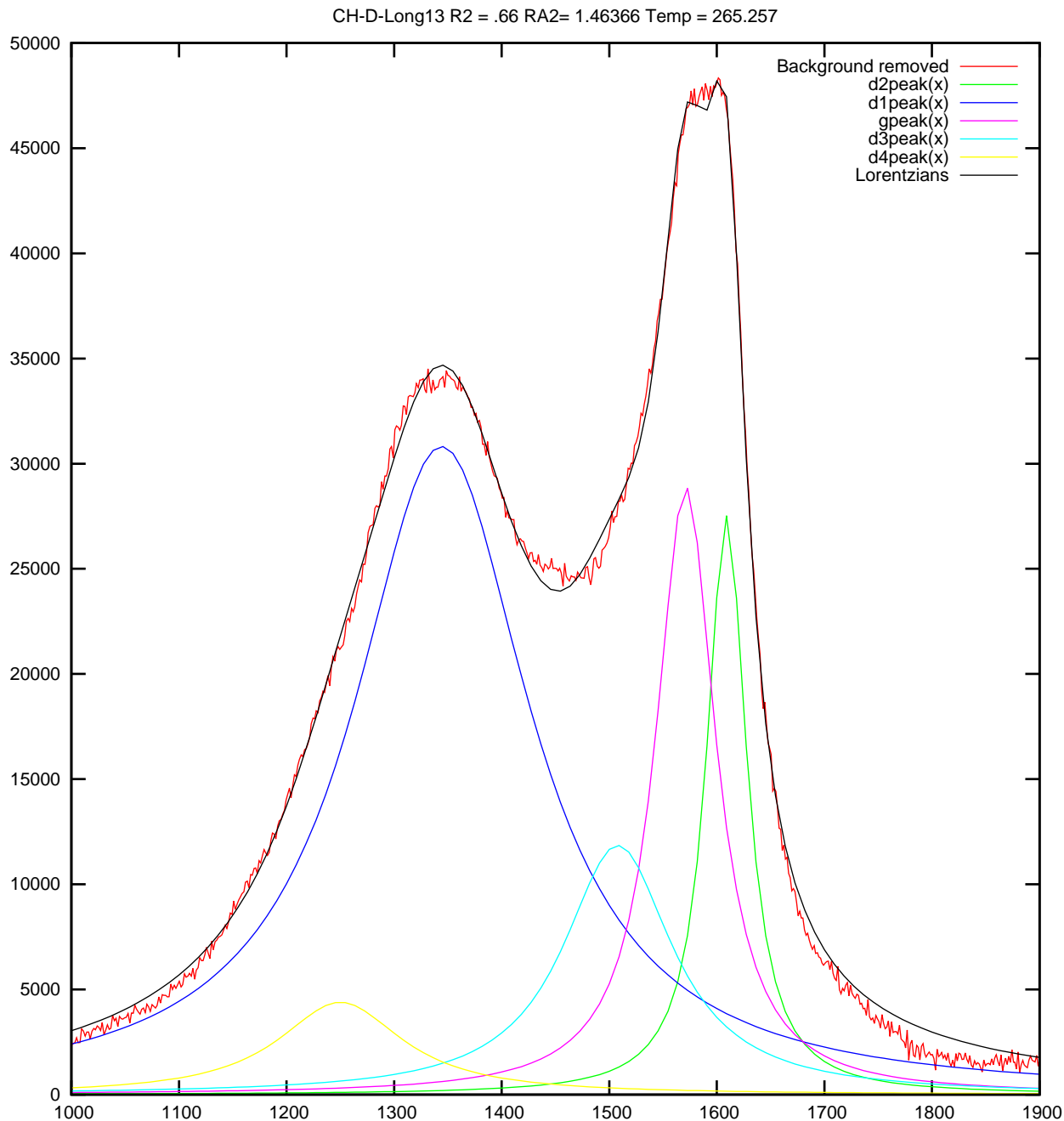
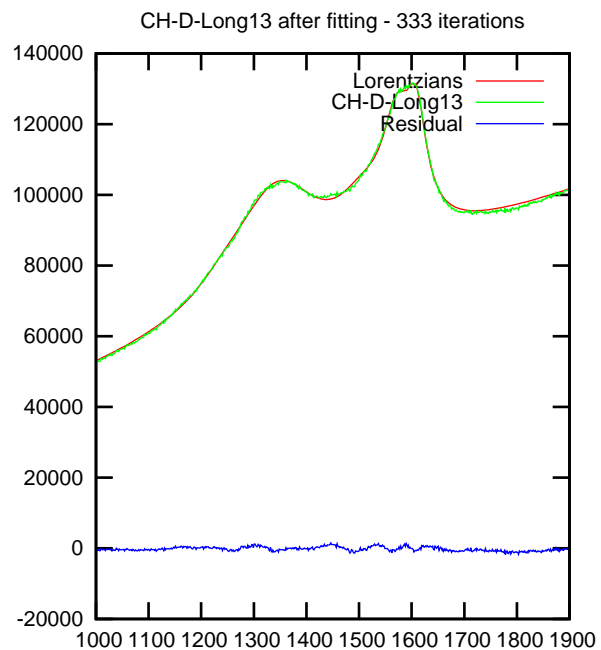
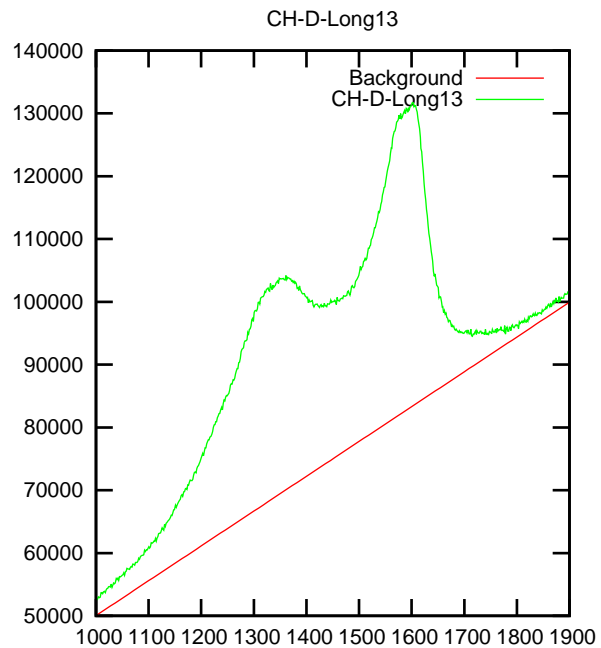




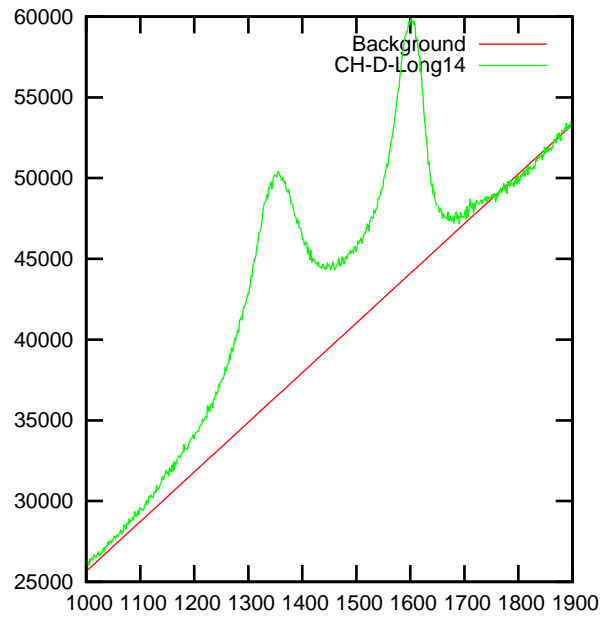




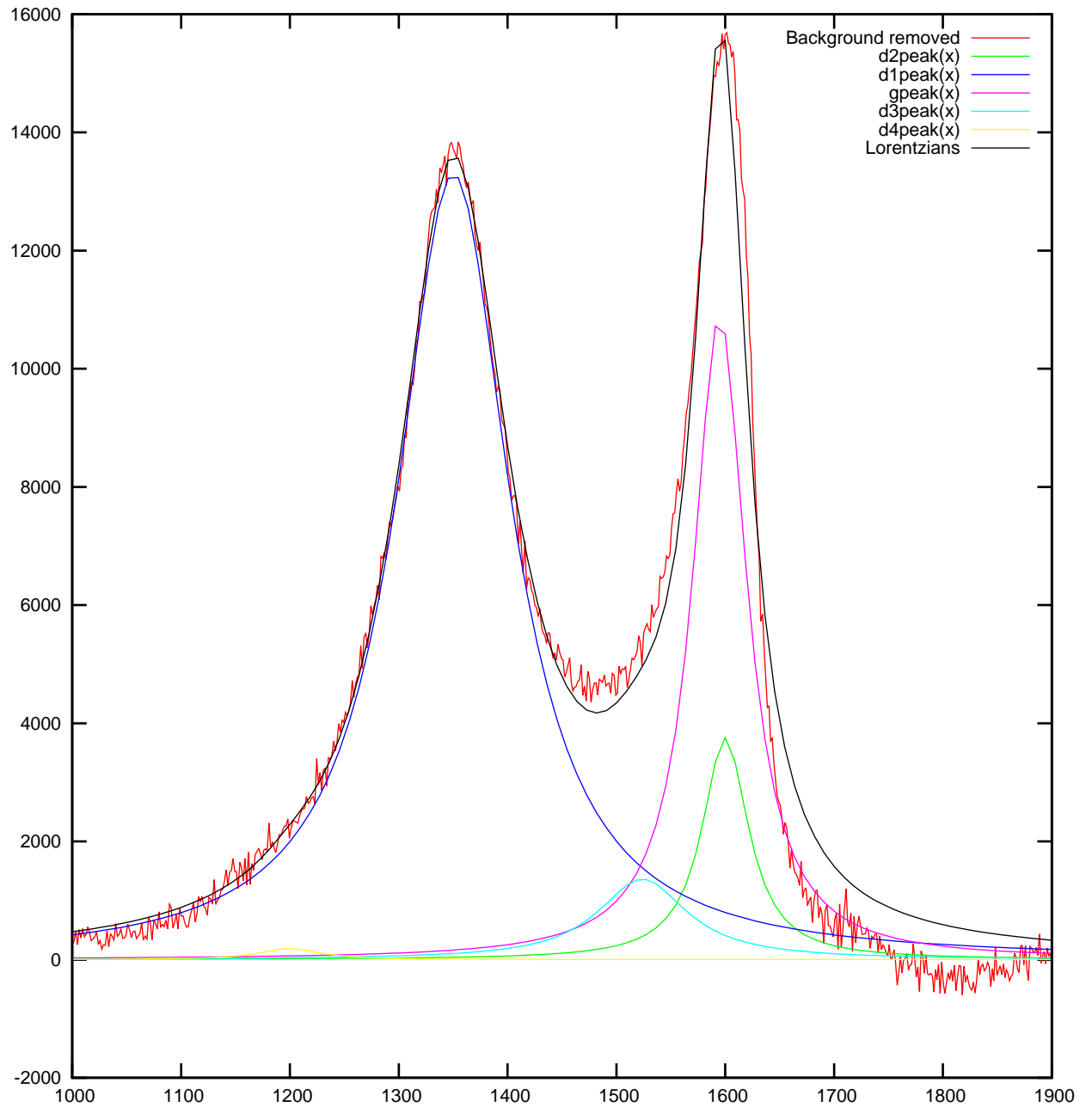




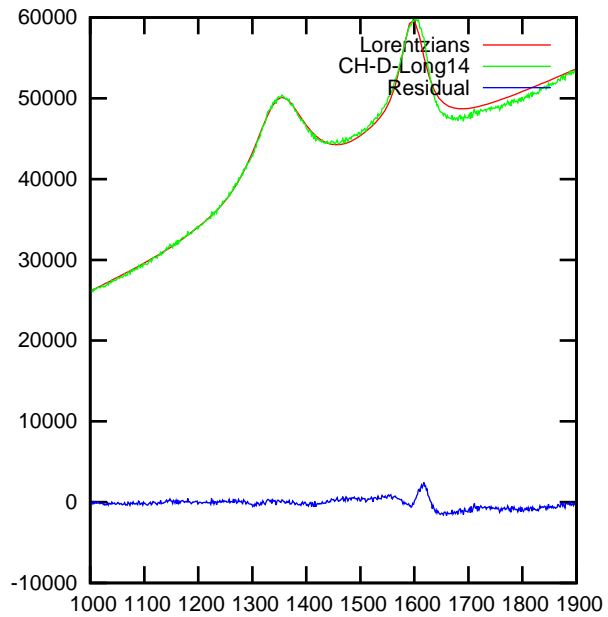
CH-D-Long14

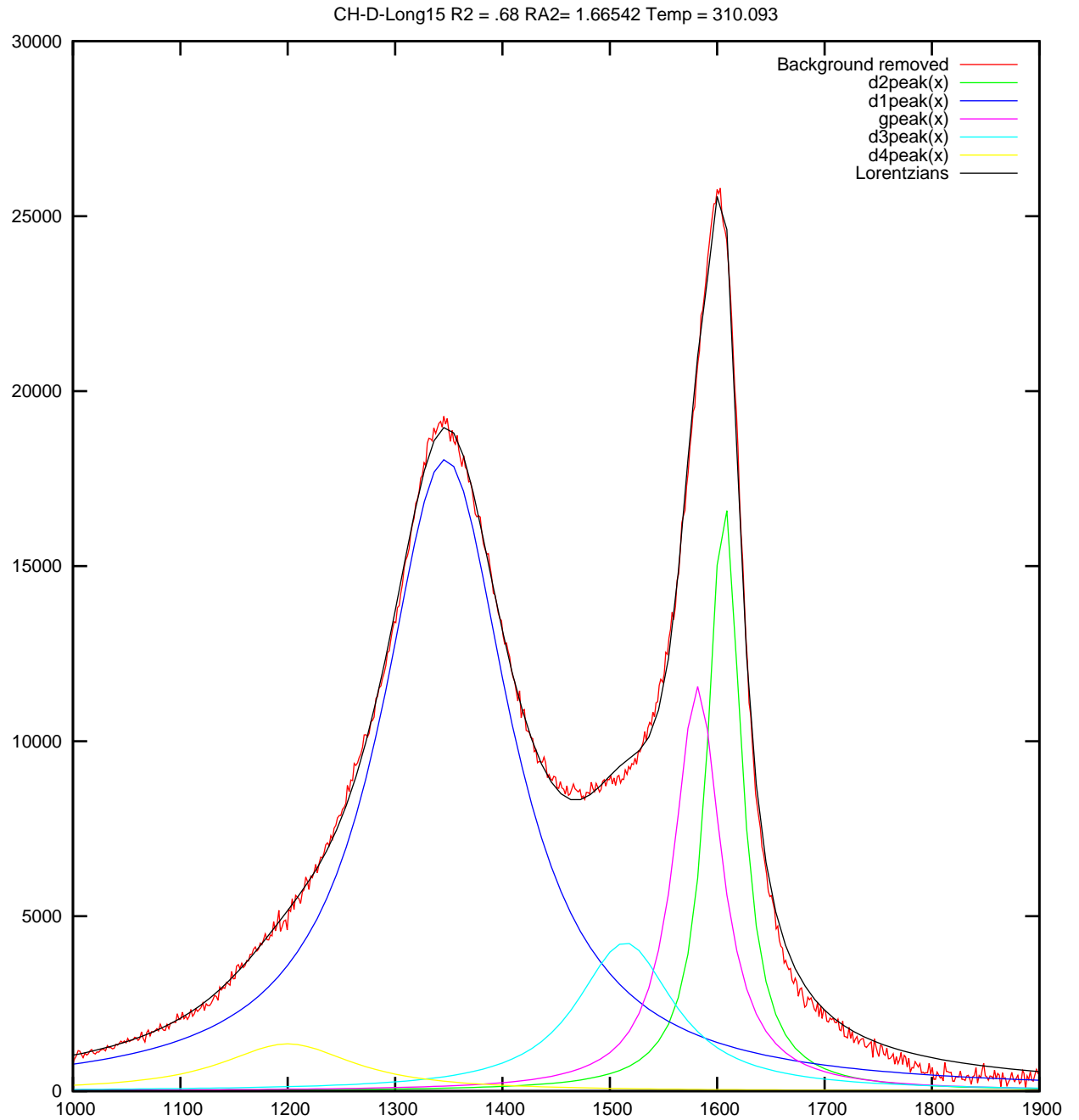
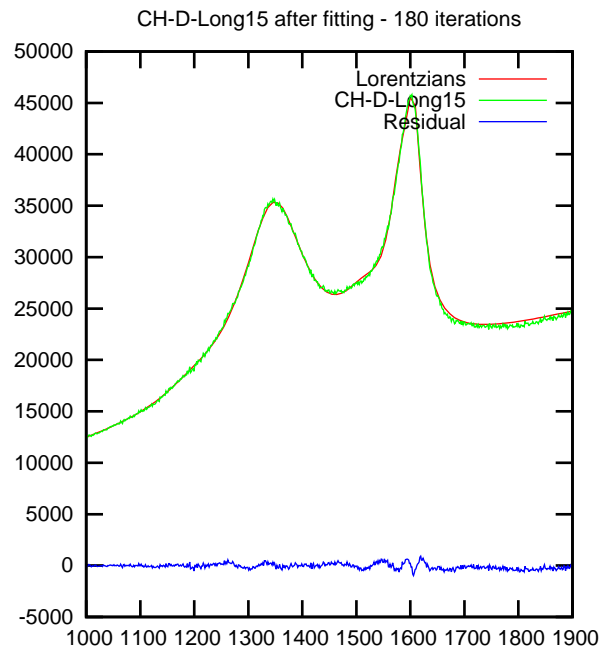
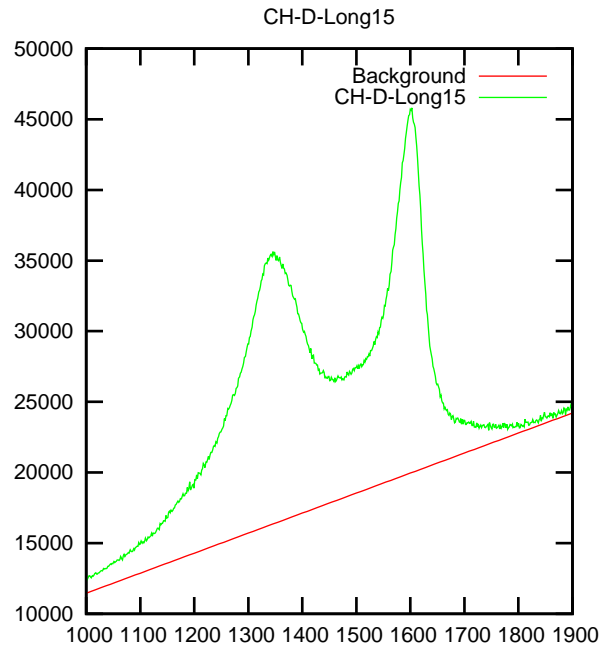


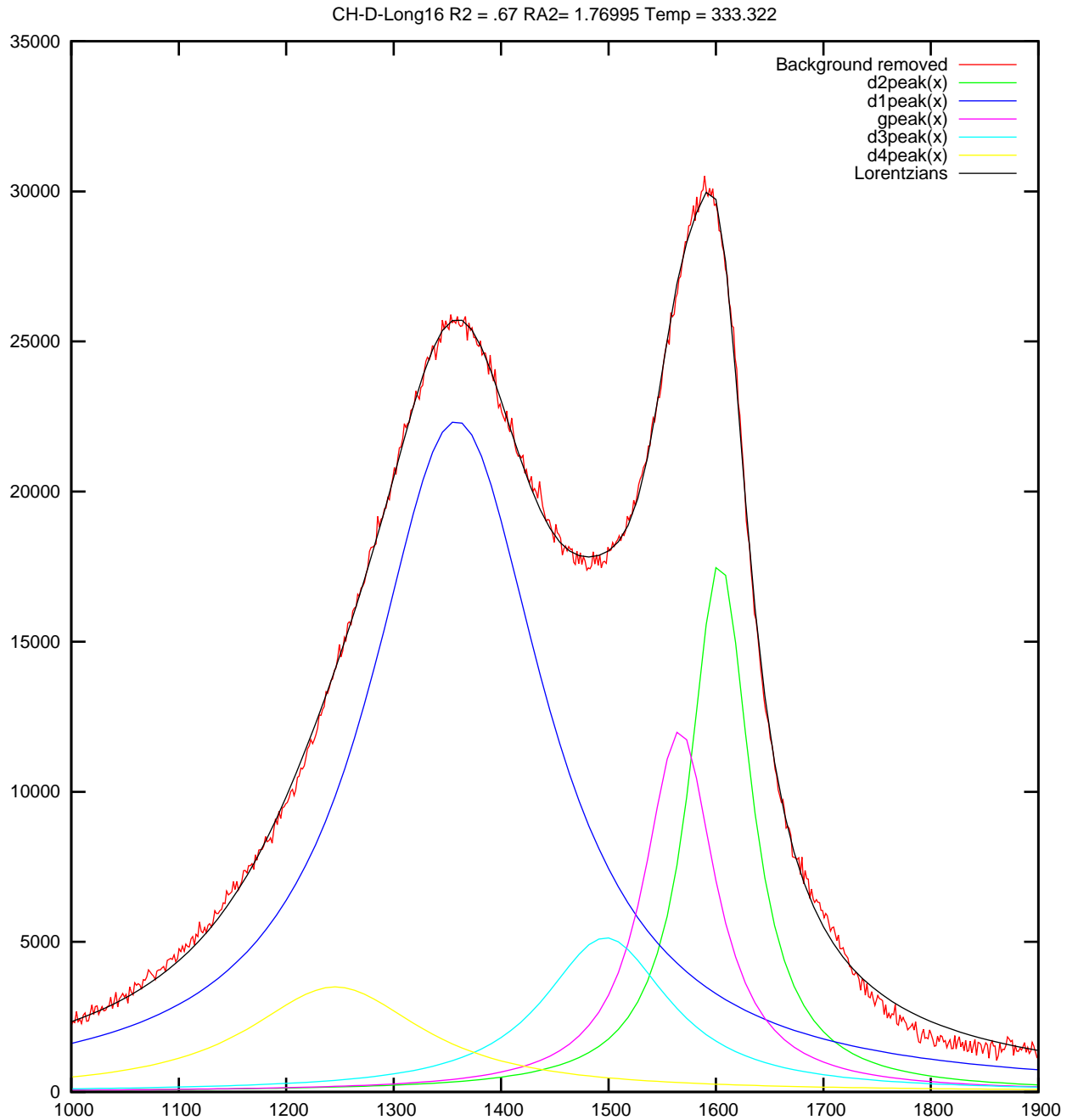
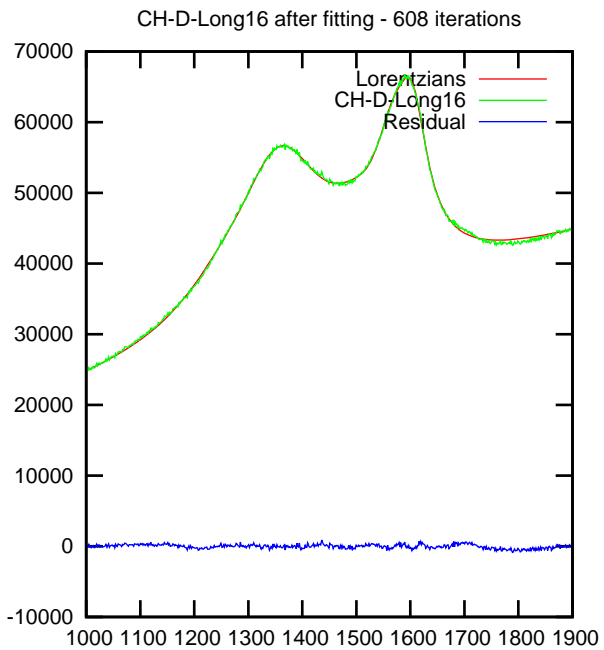
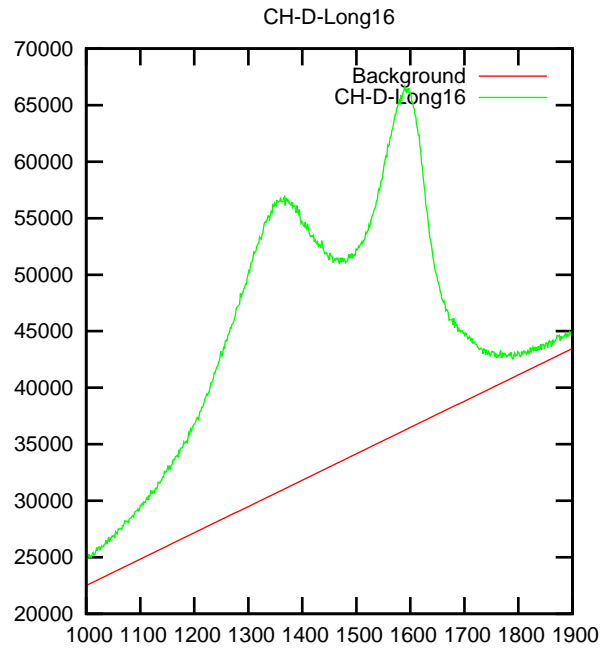
CH-D-Long14 R2 = .66 RA2= 1.71824 Temp = 321.831

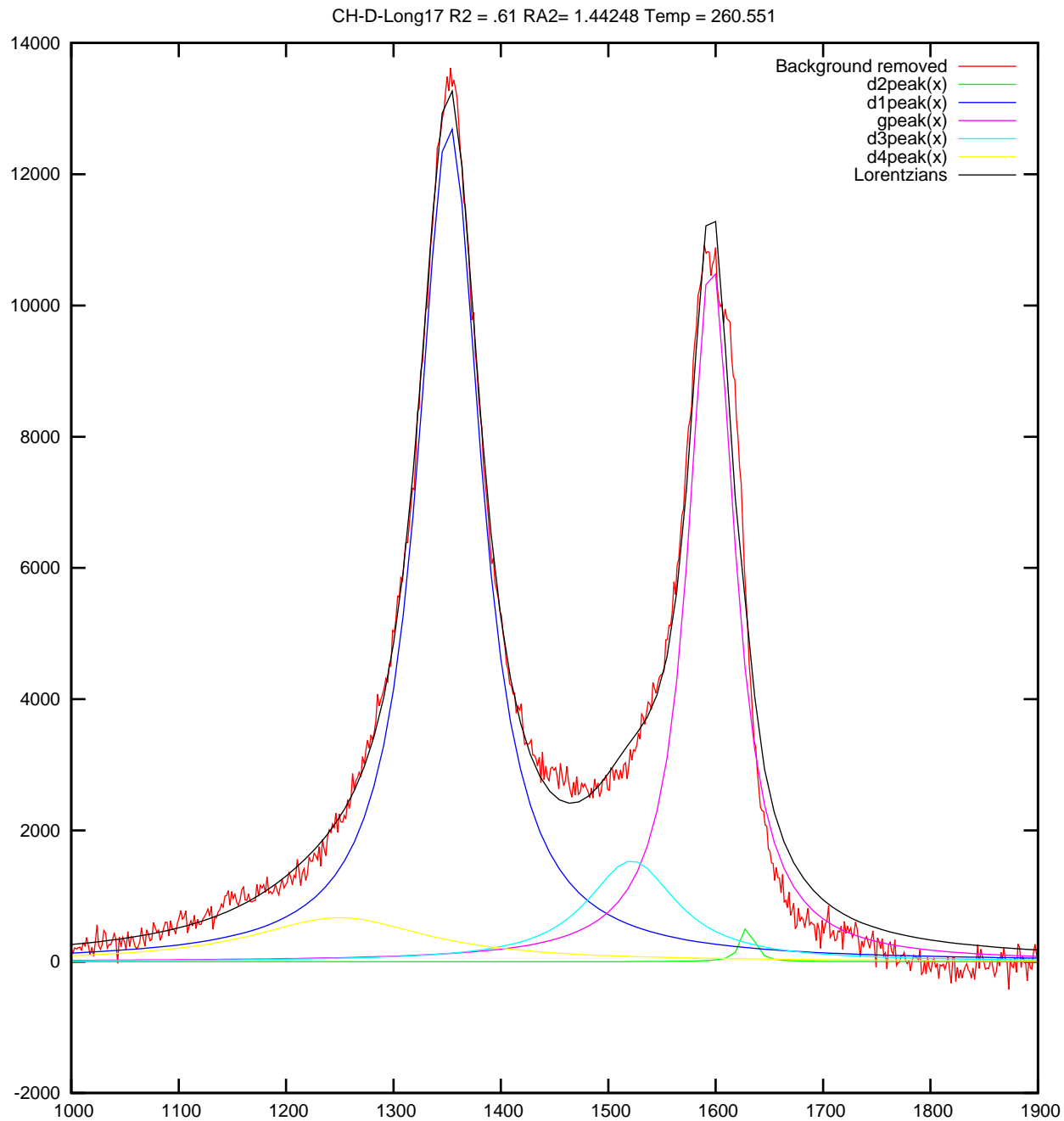
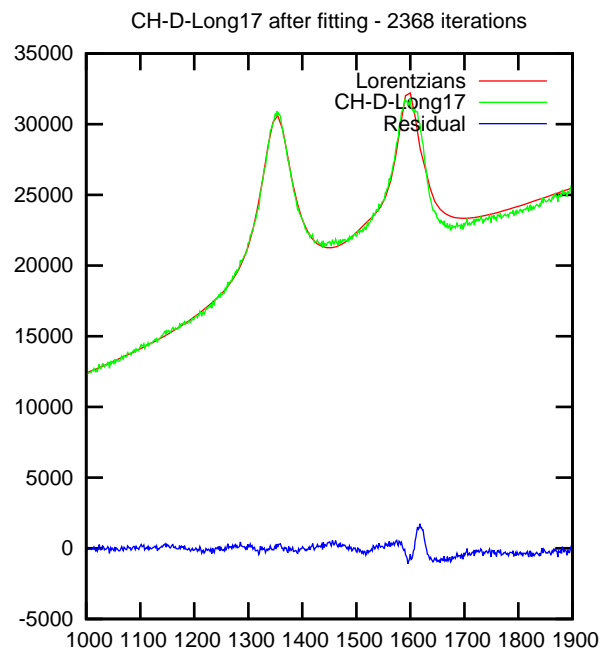
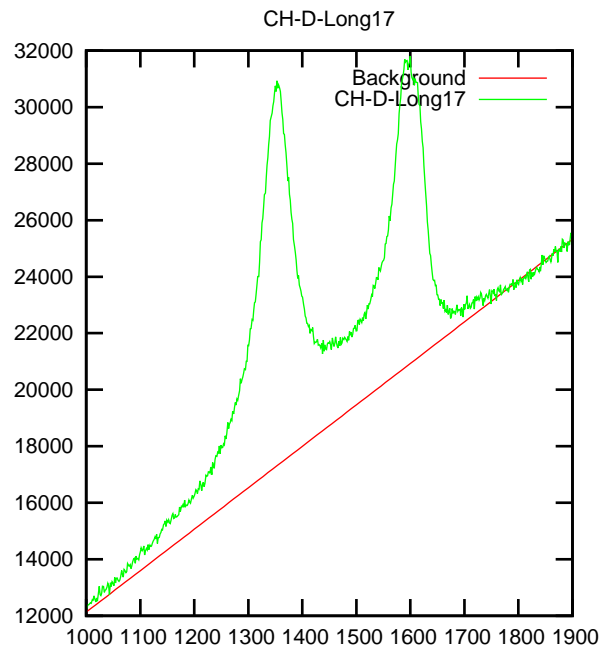


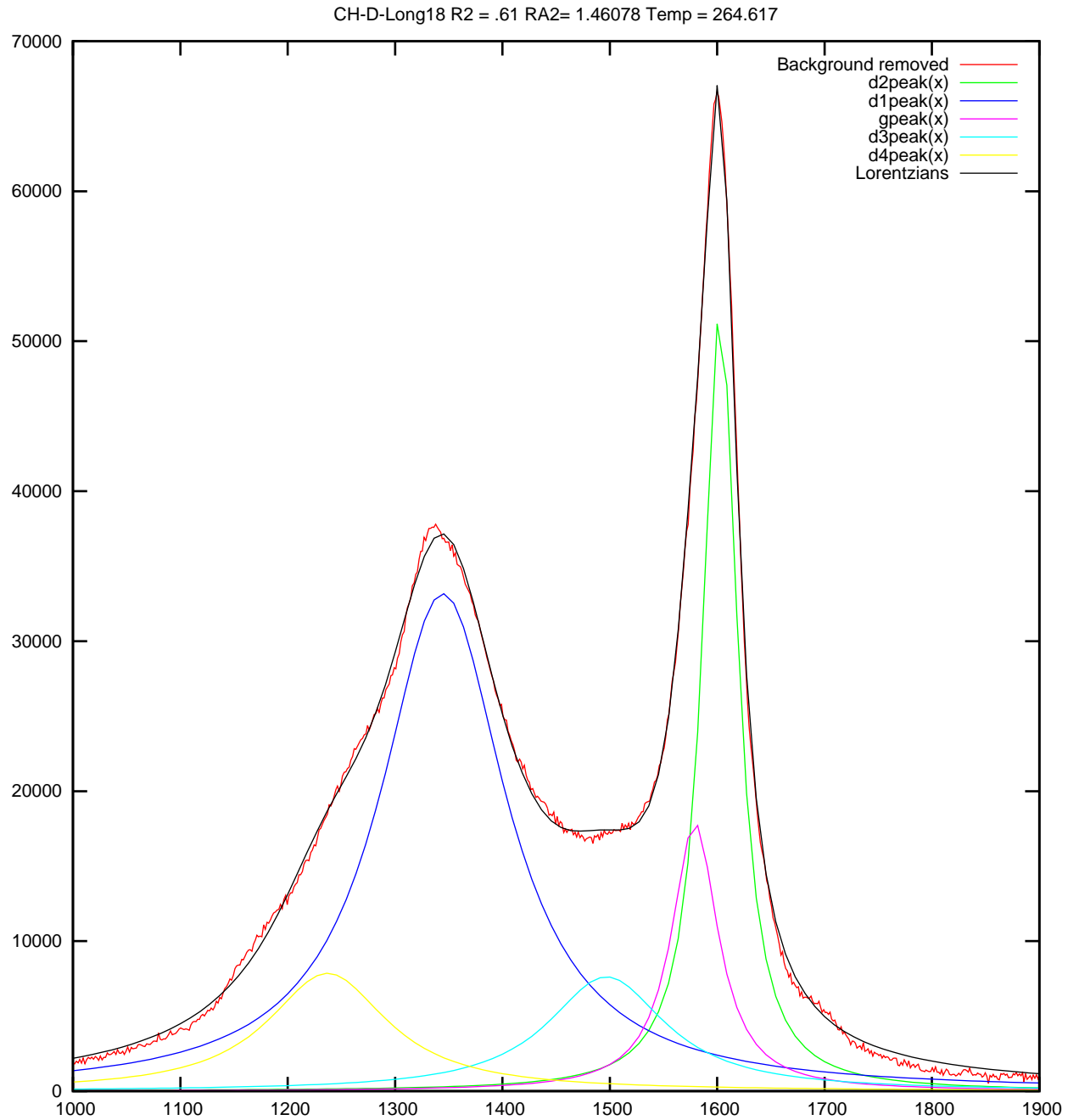
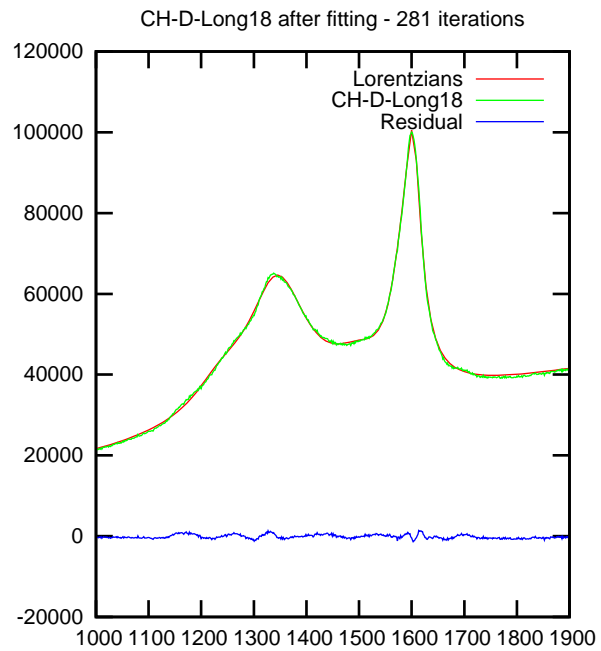
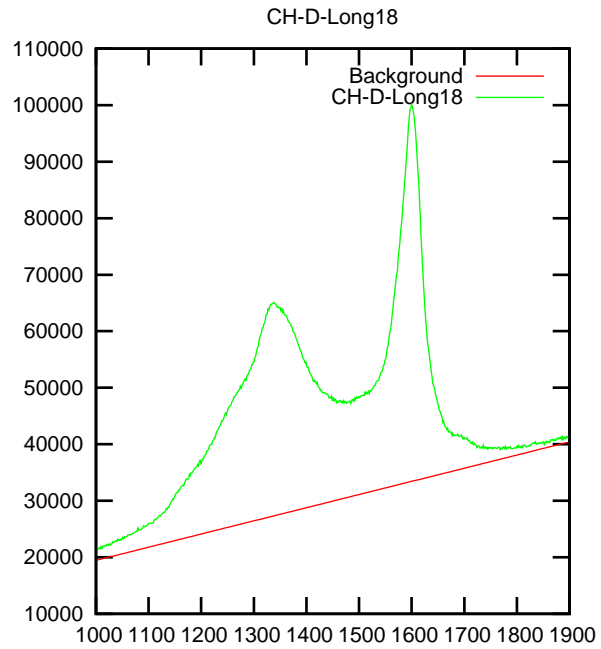
CH-D-Long14 after fitting - 10000+ iterations

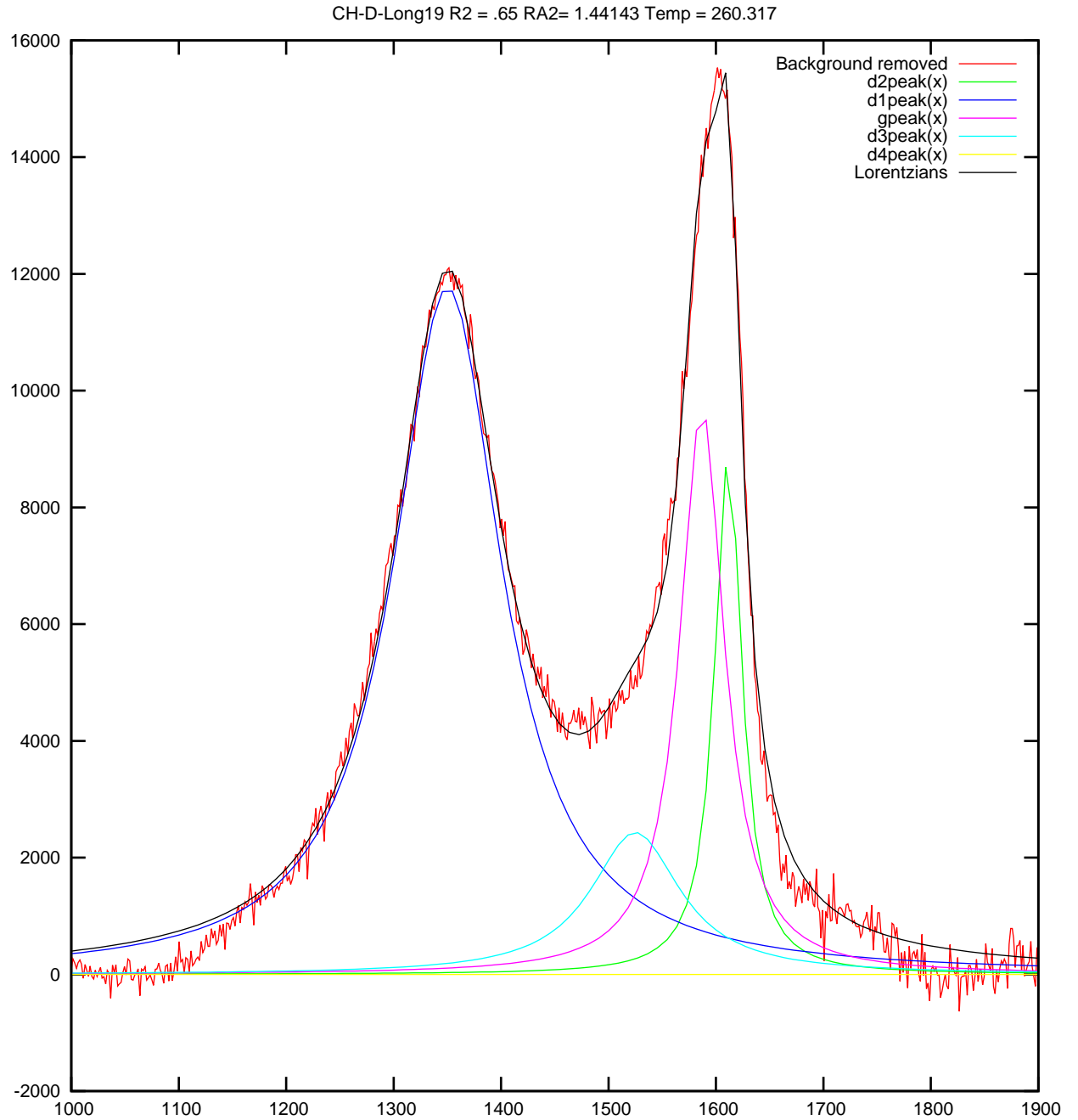
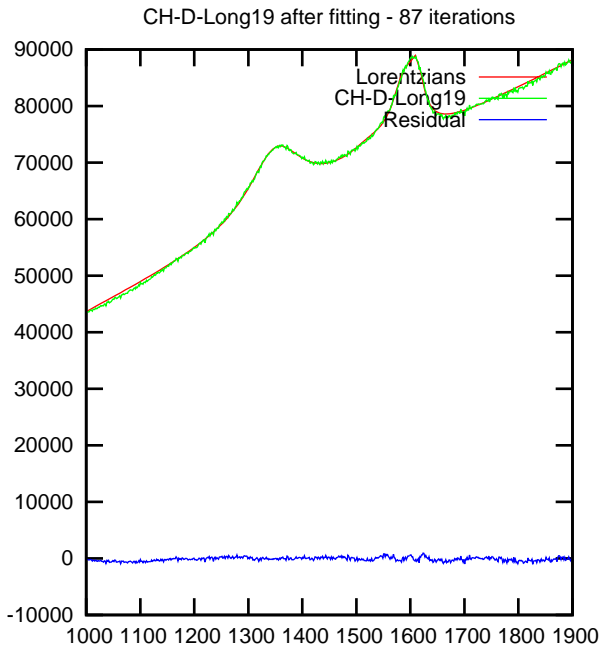
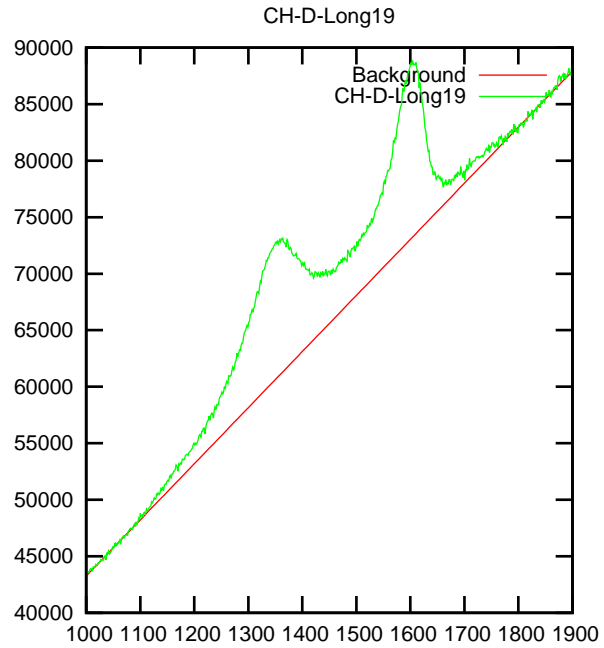


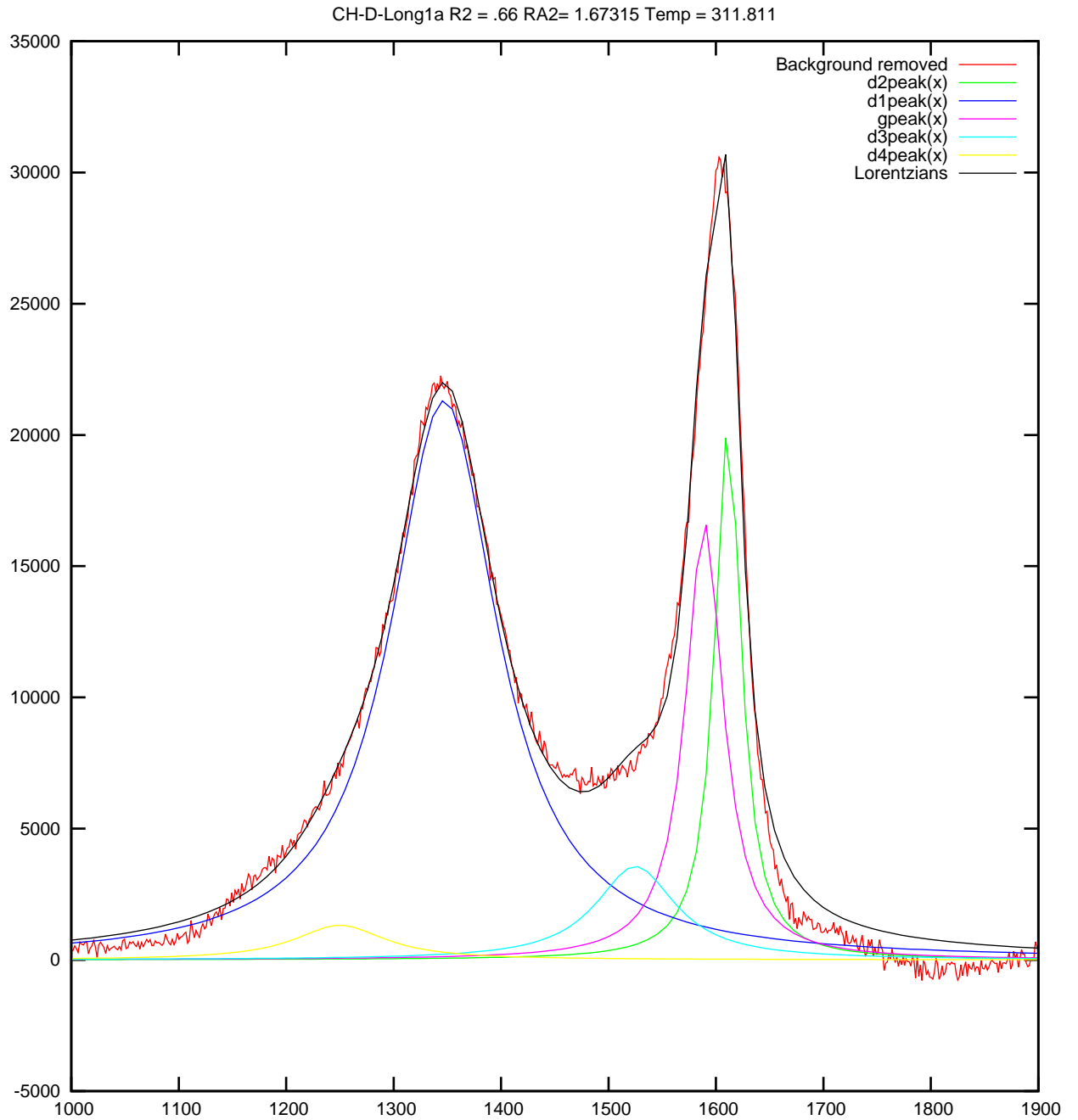
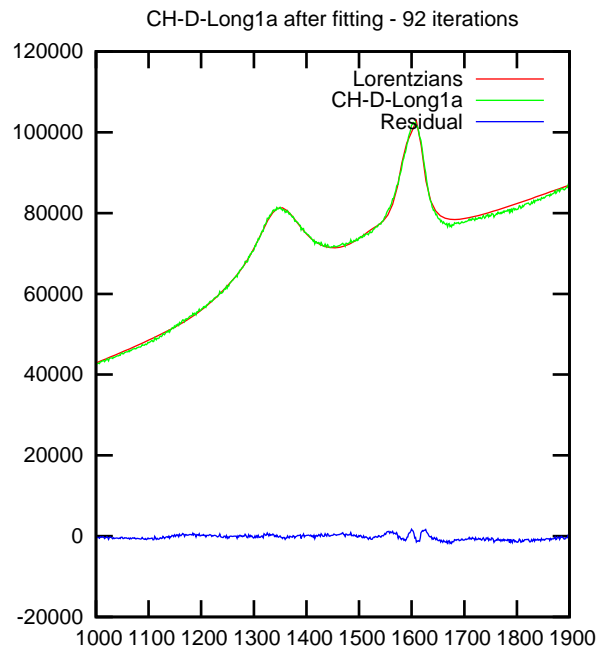
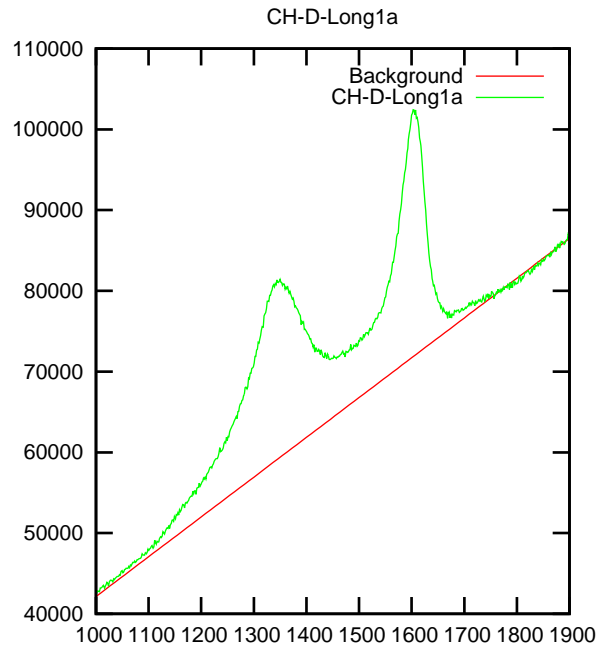


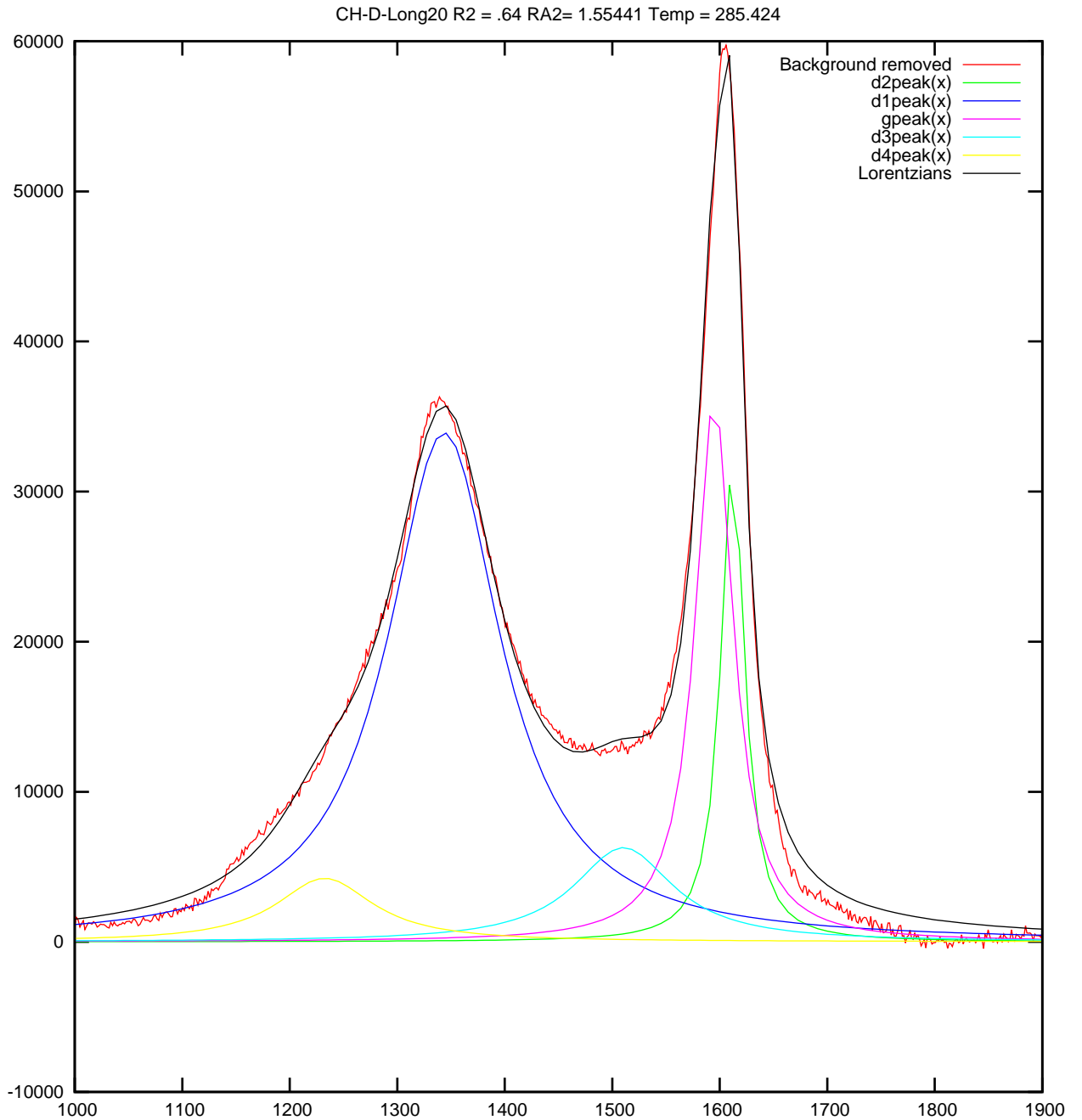
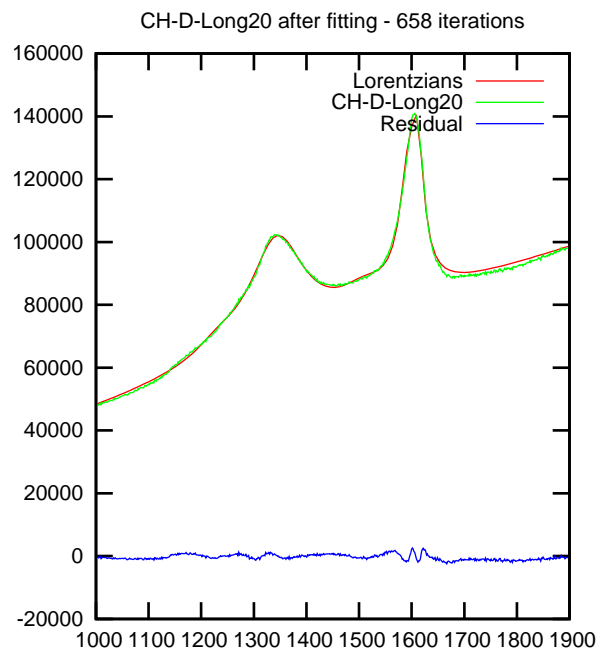
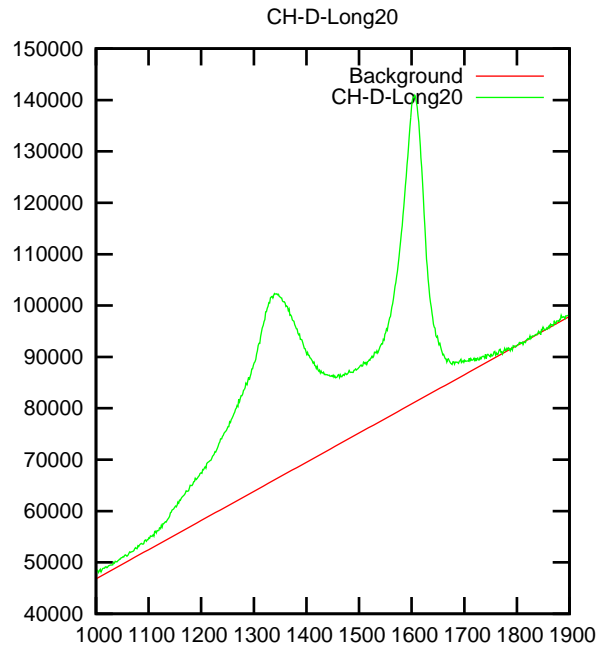


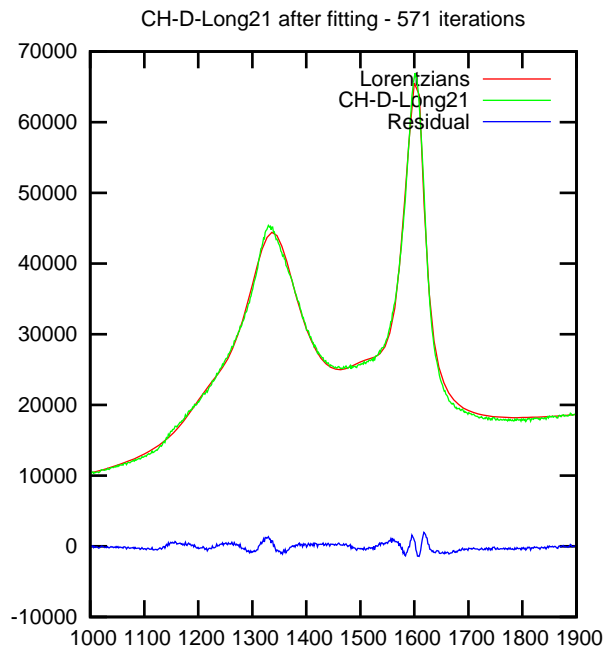
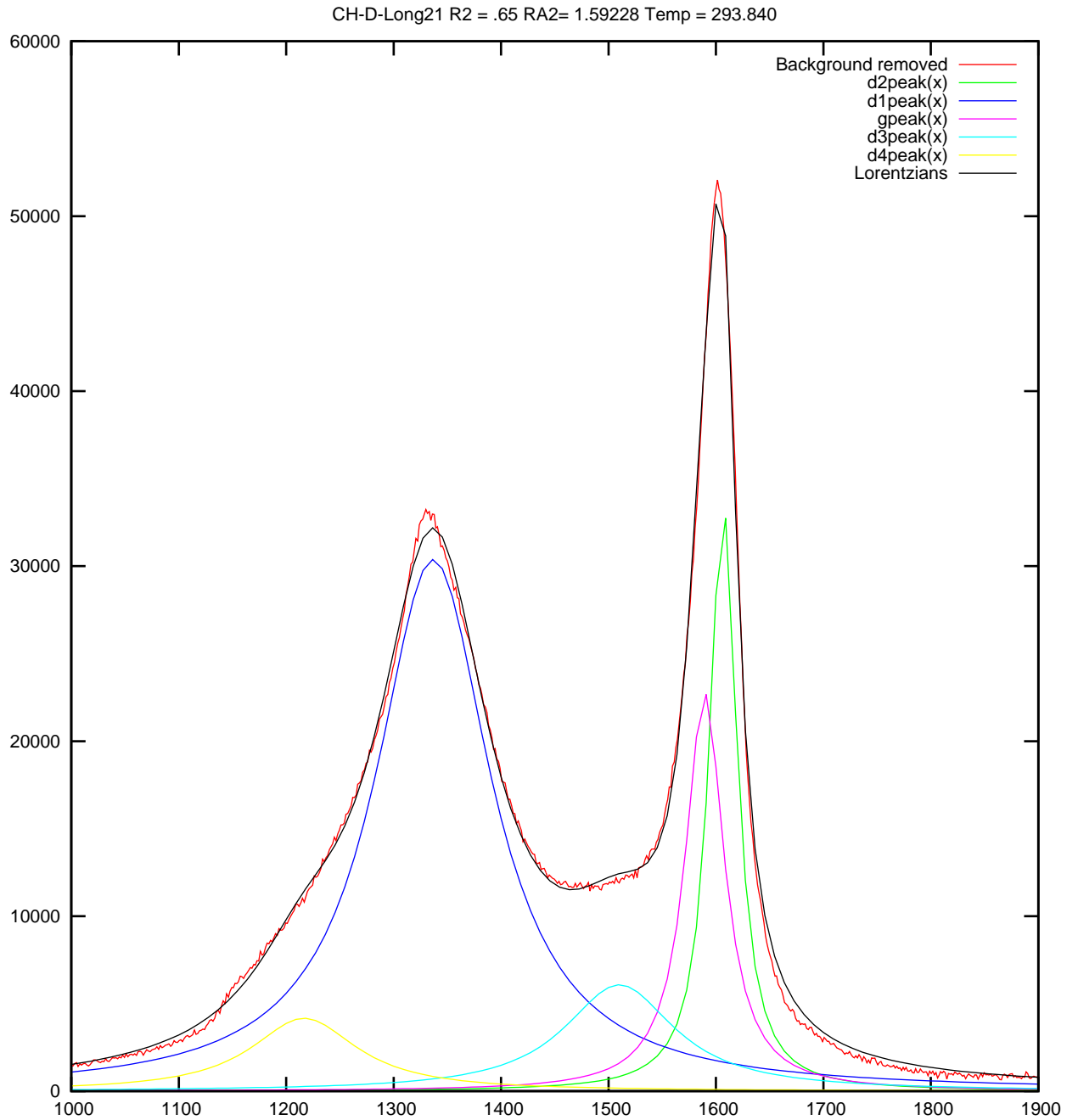
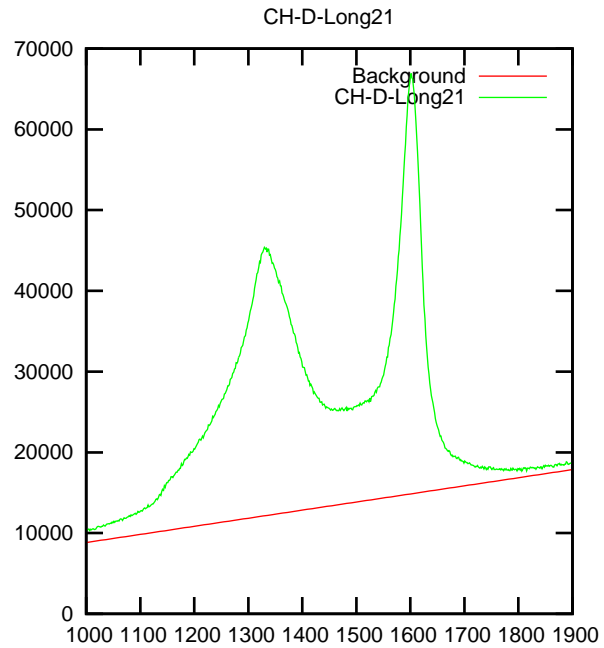


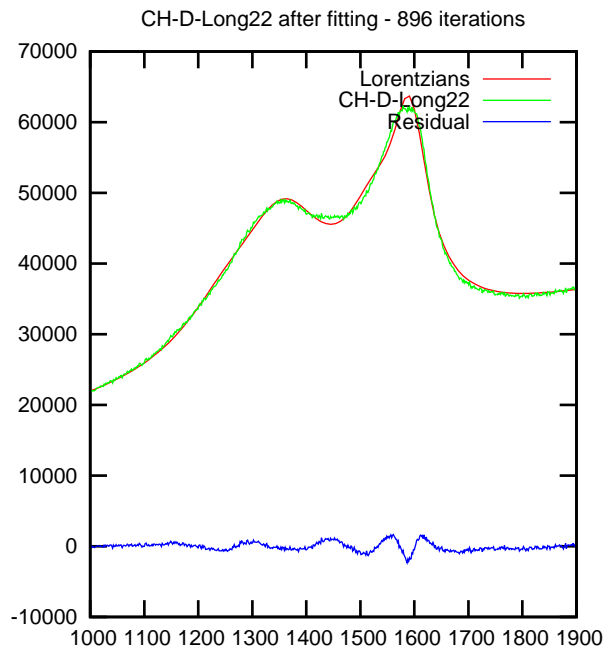
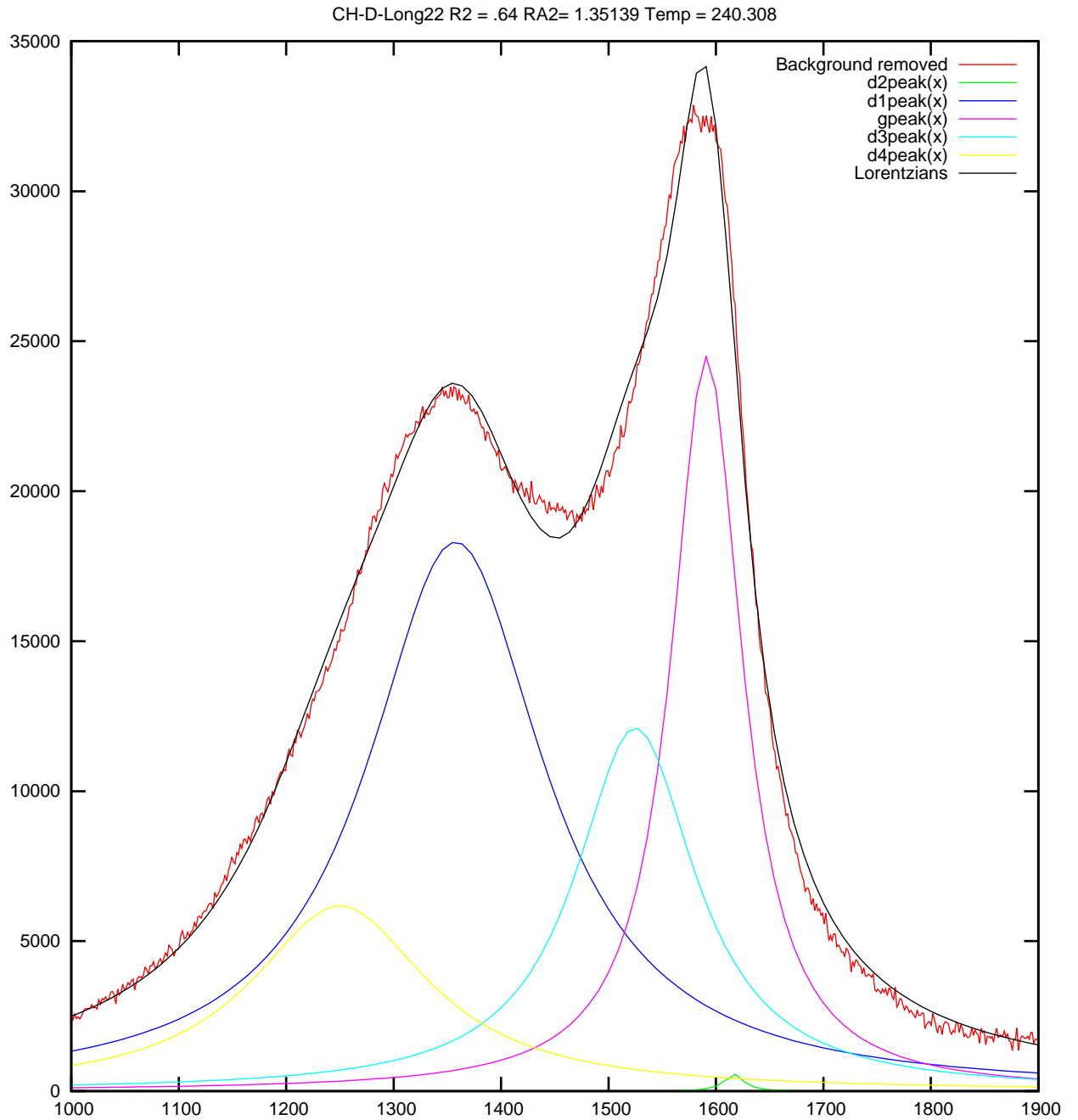
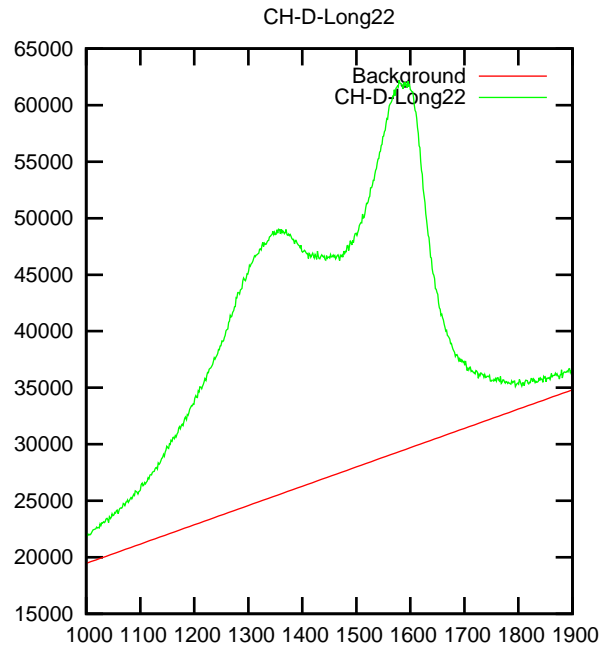


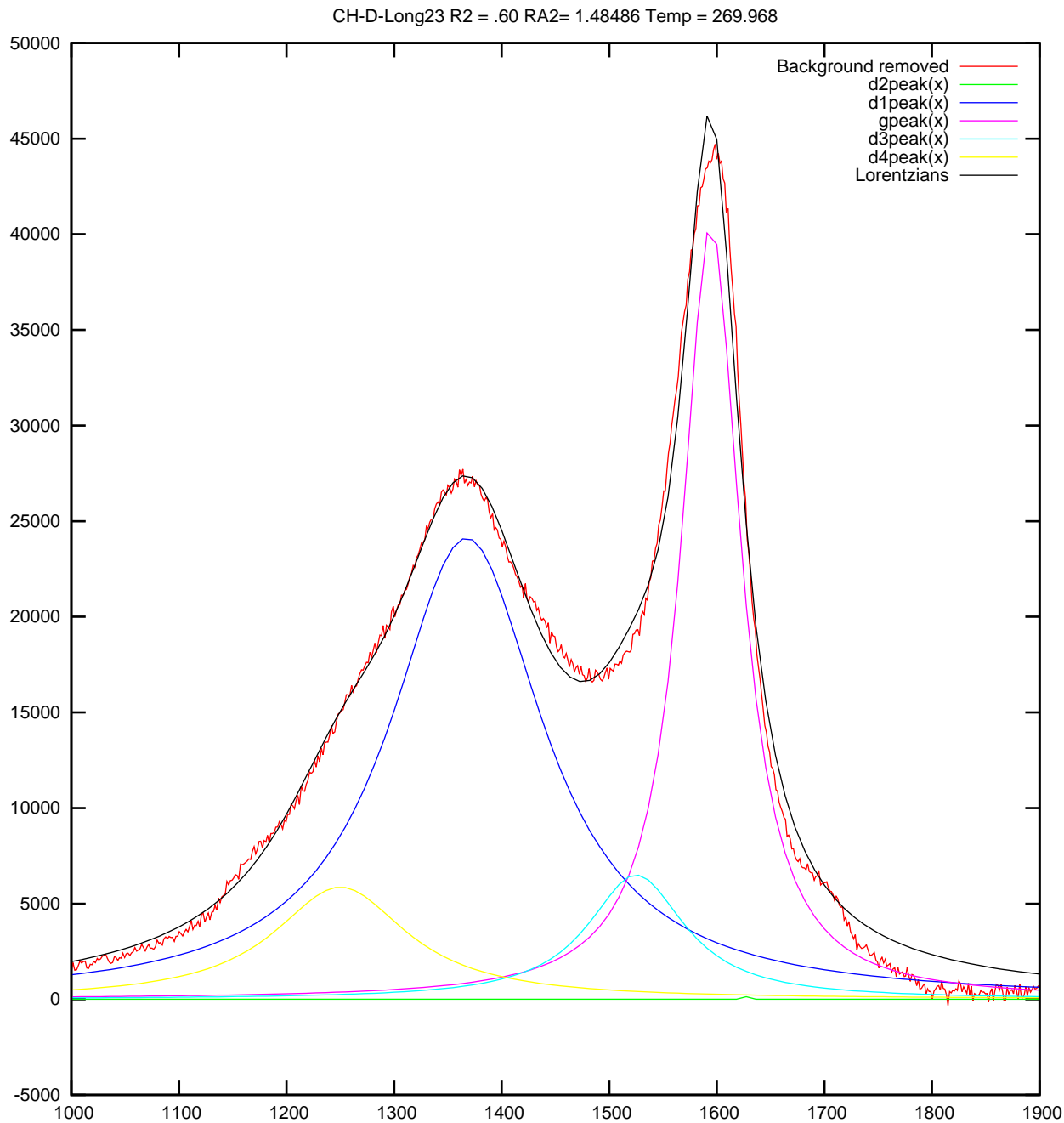
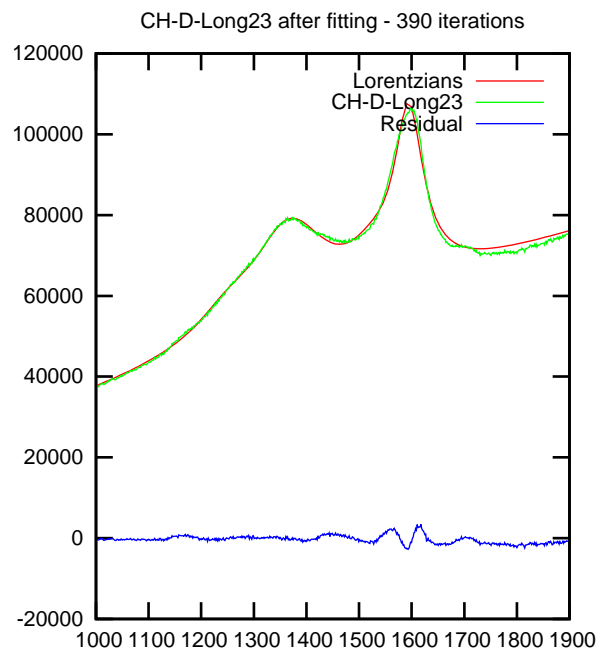
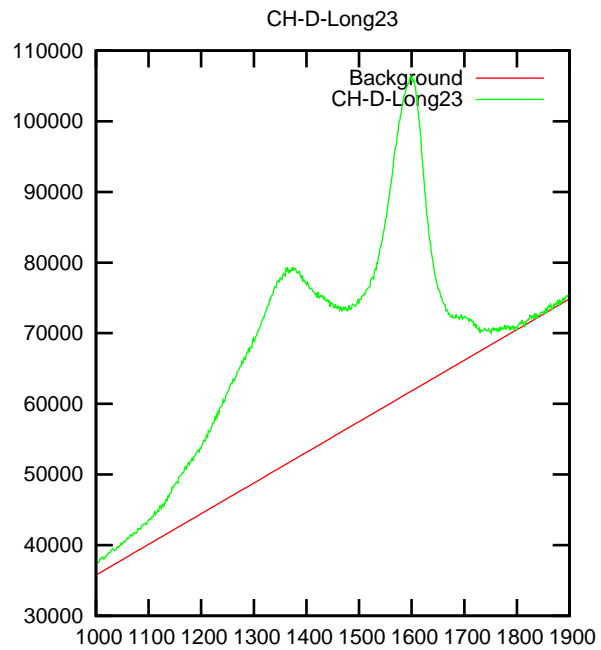


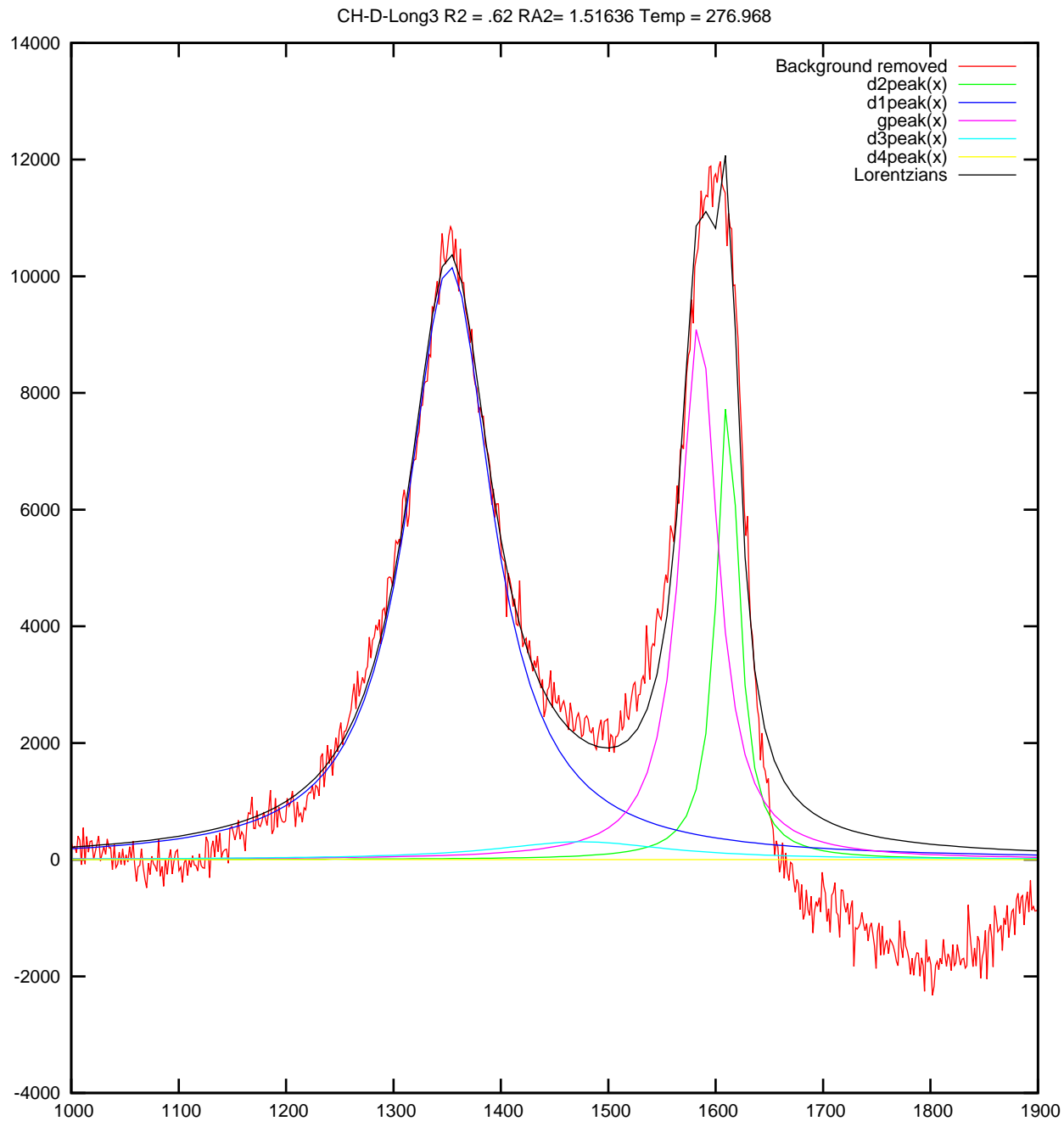
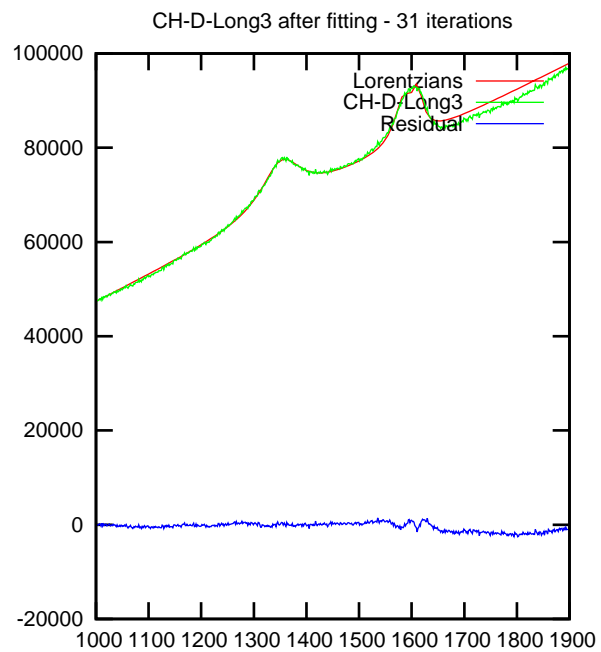
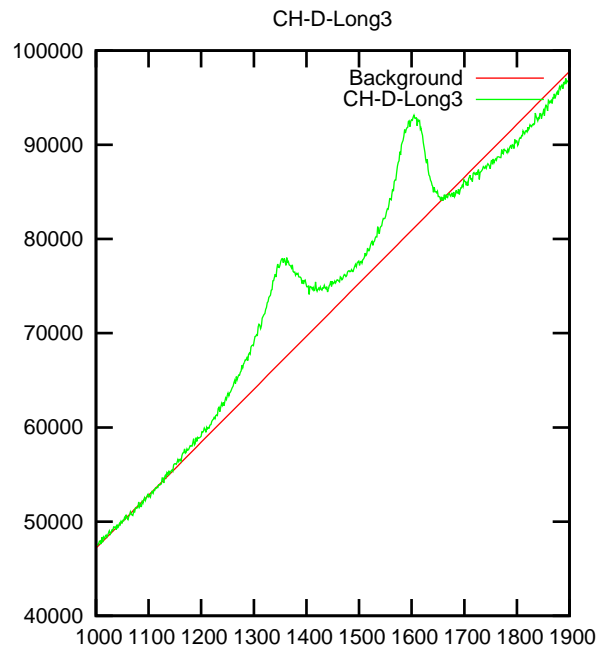


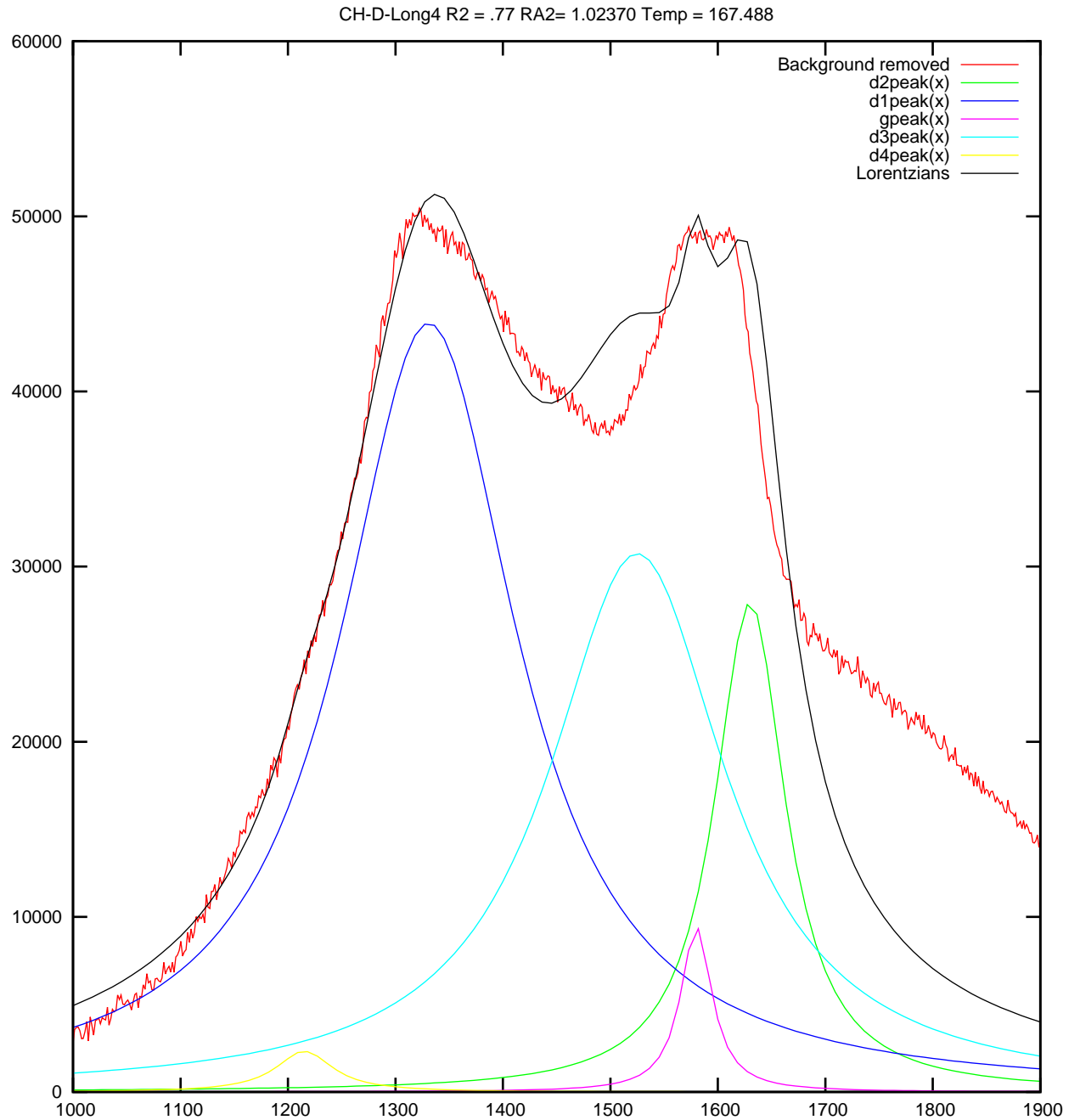
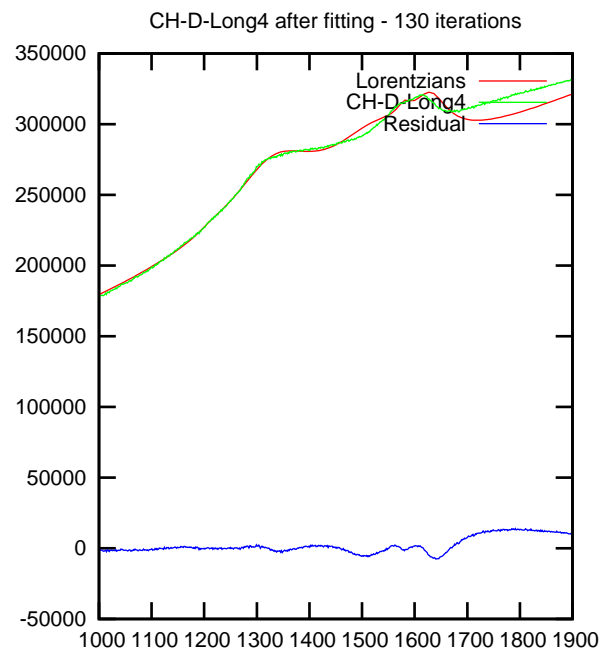
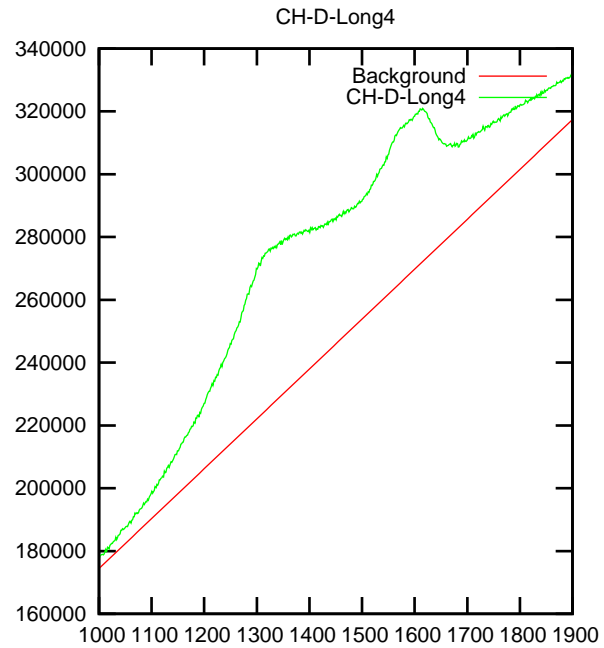


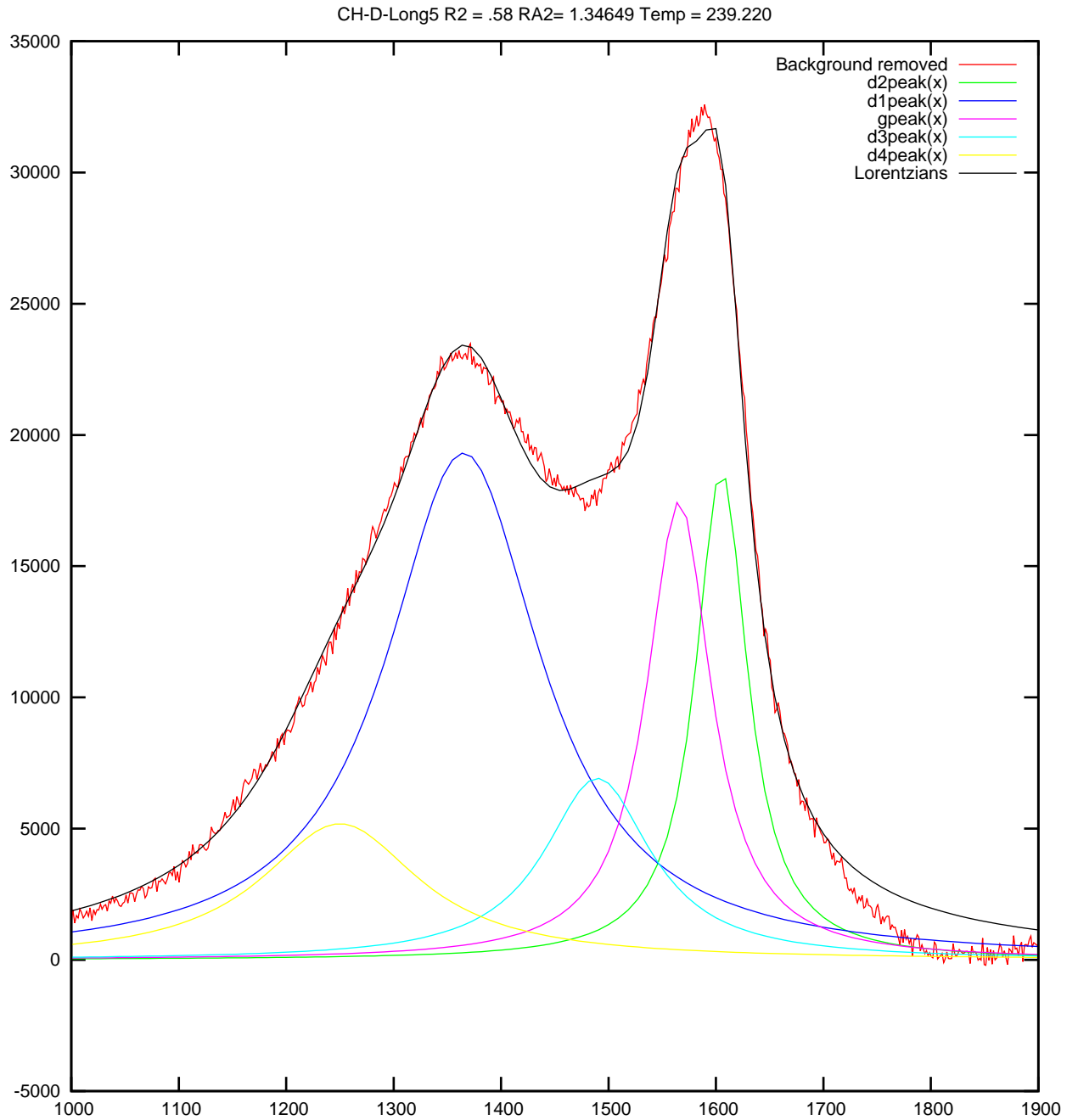
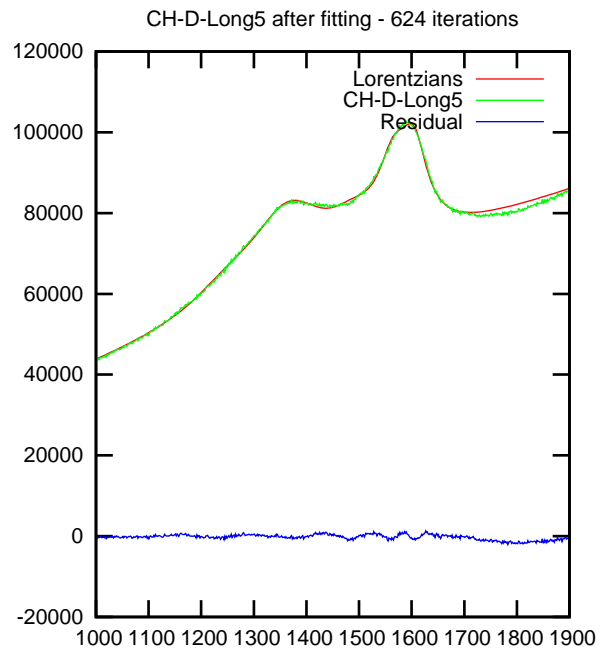
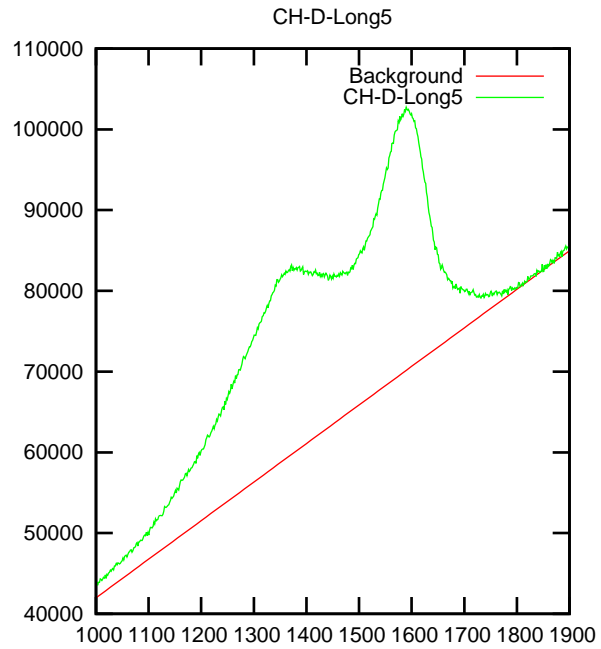


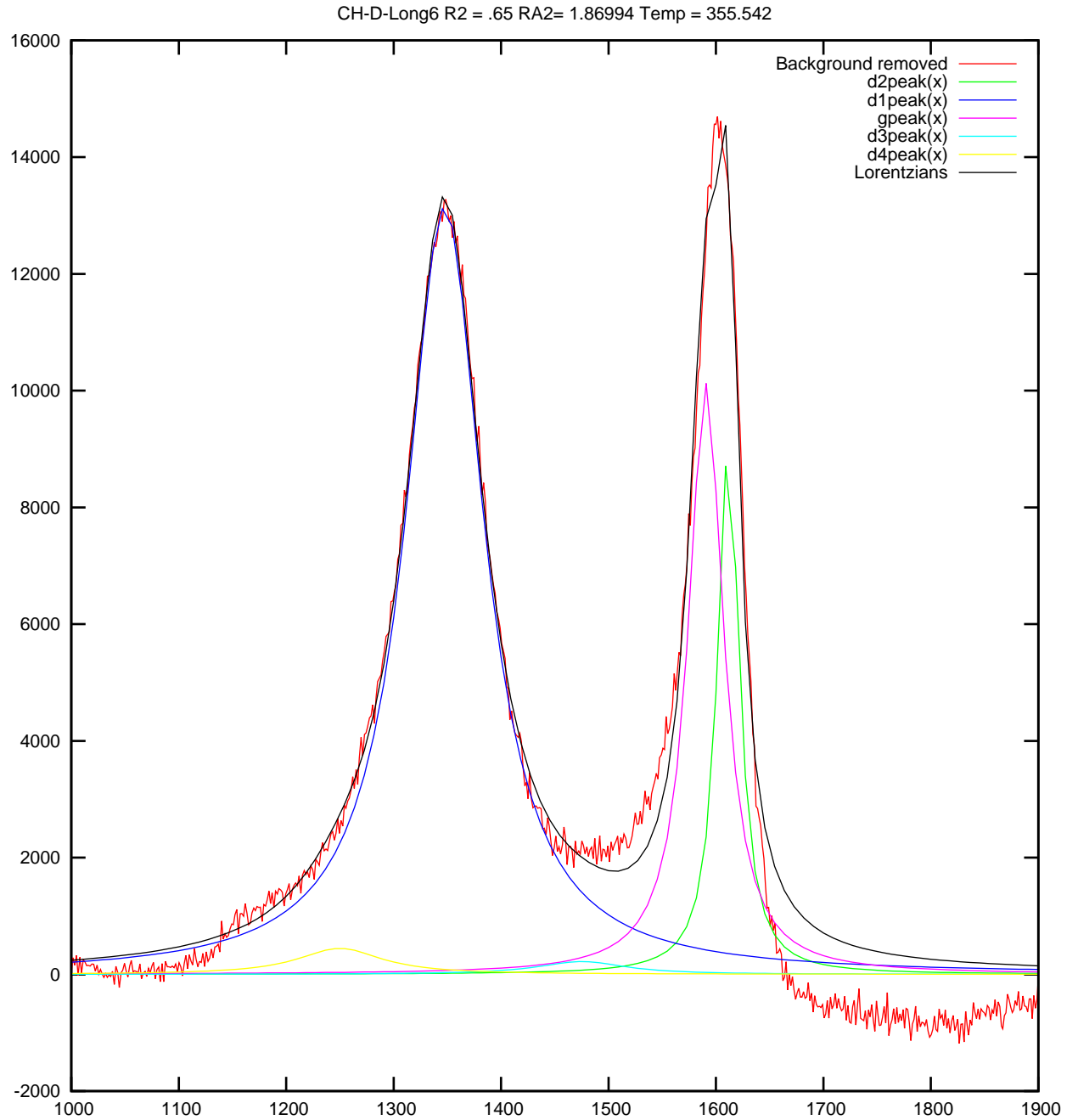
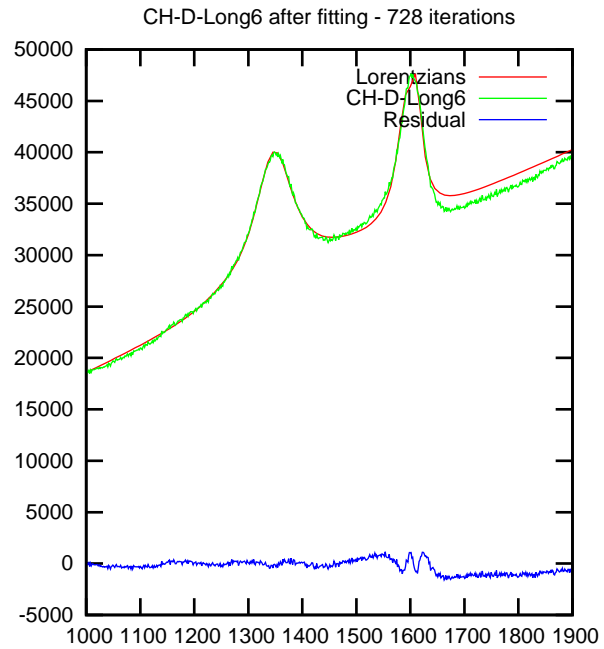
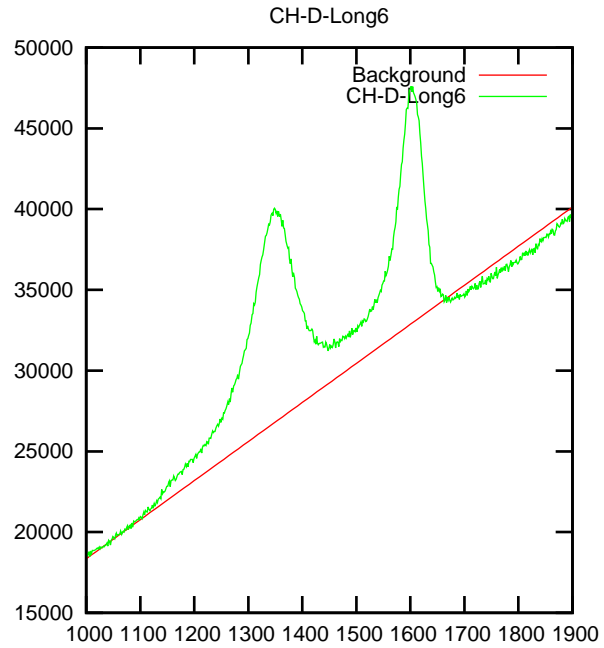


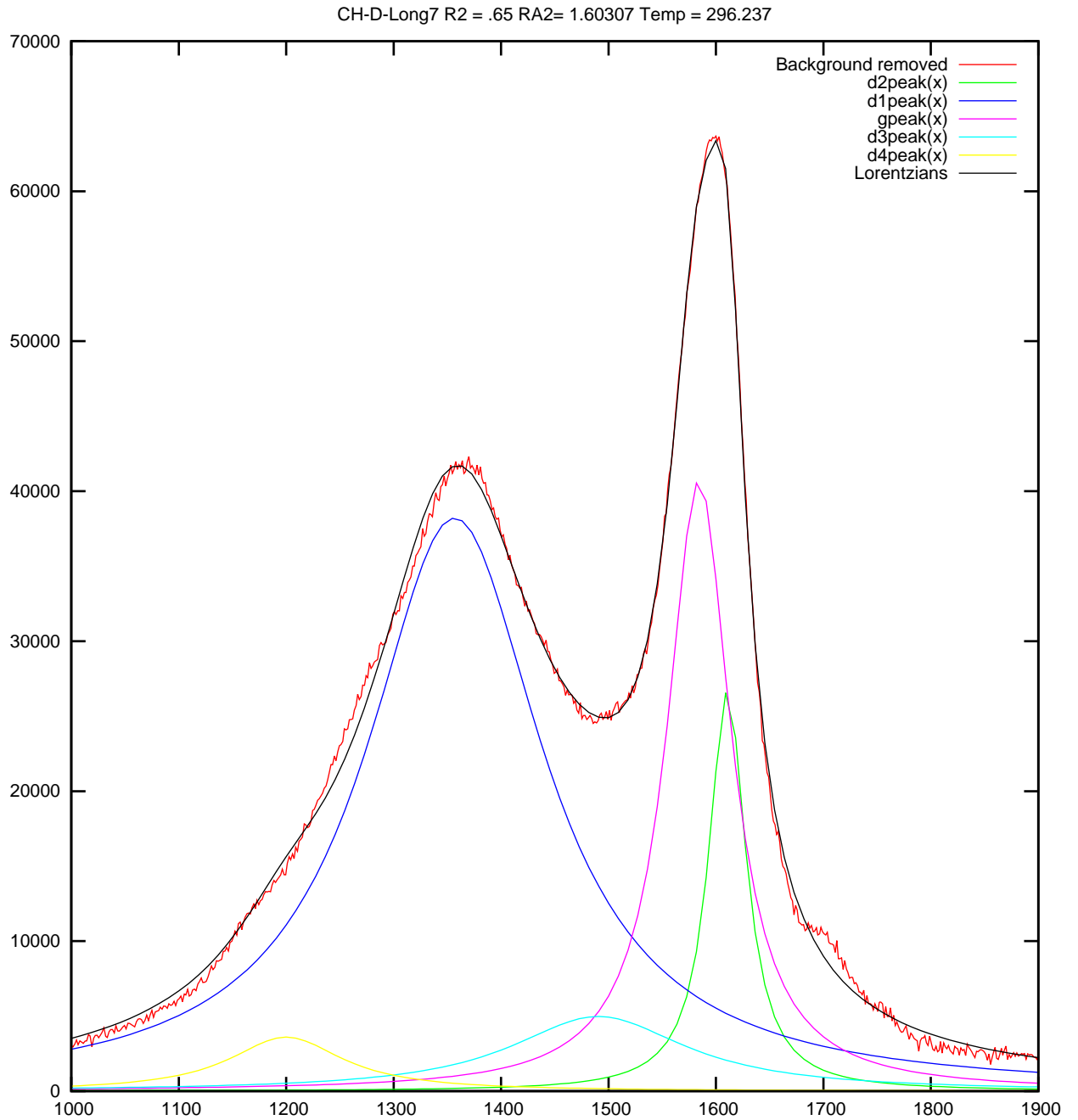
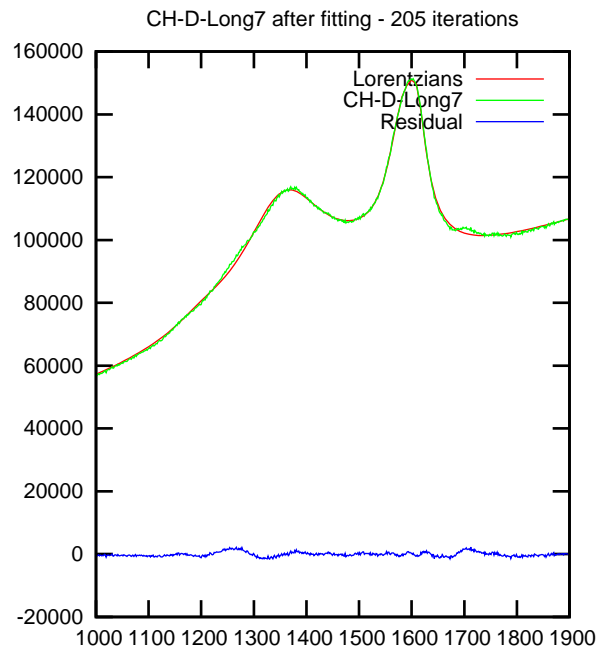
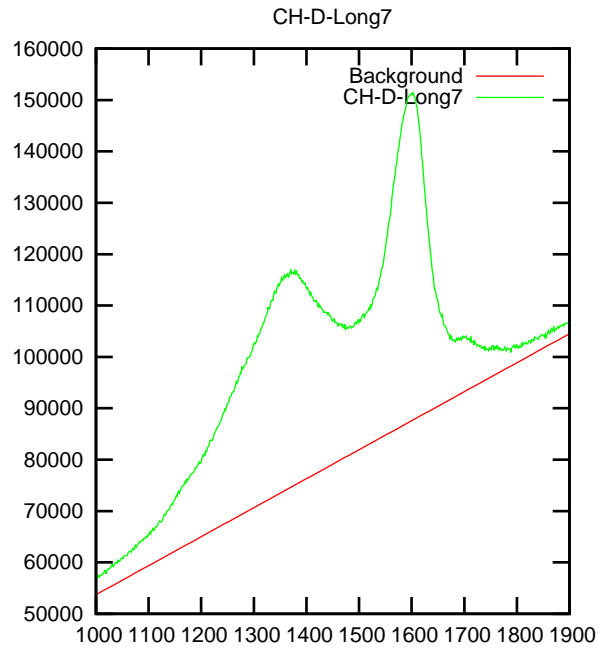




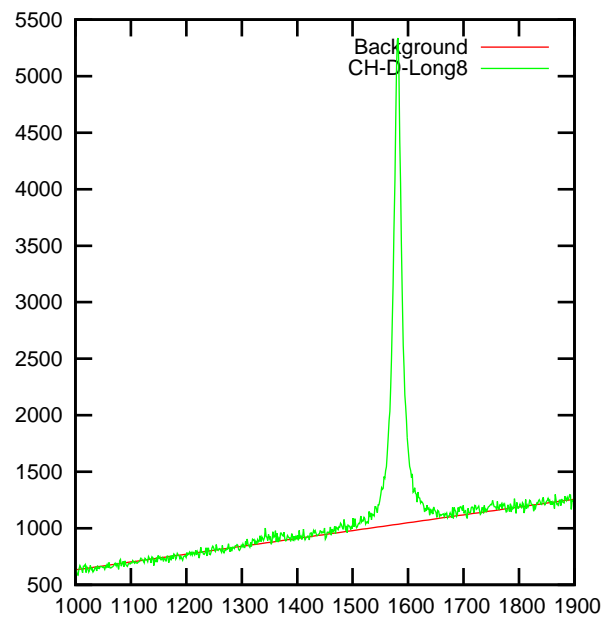




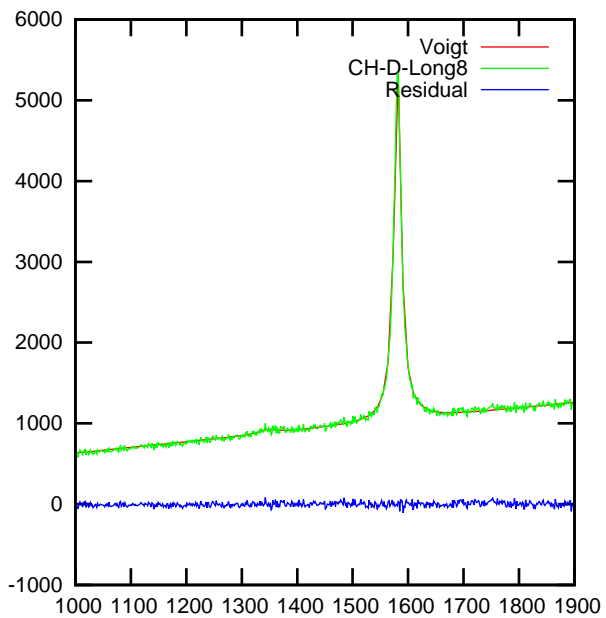




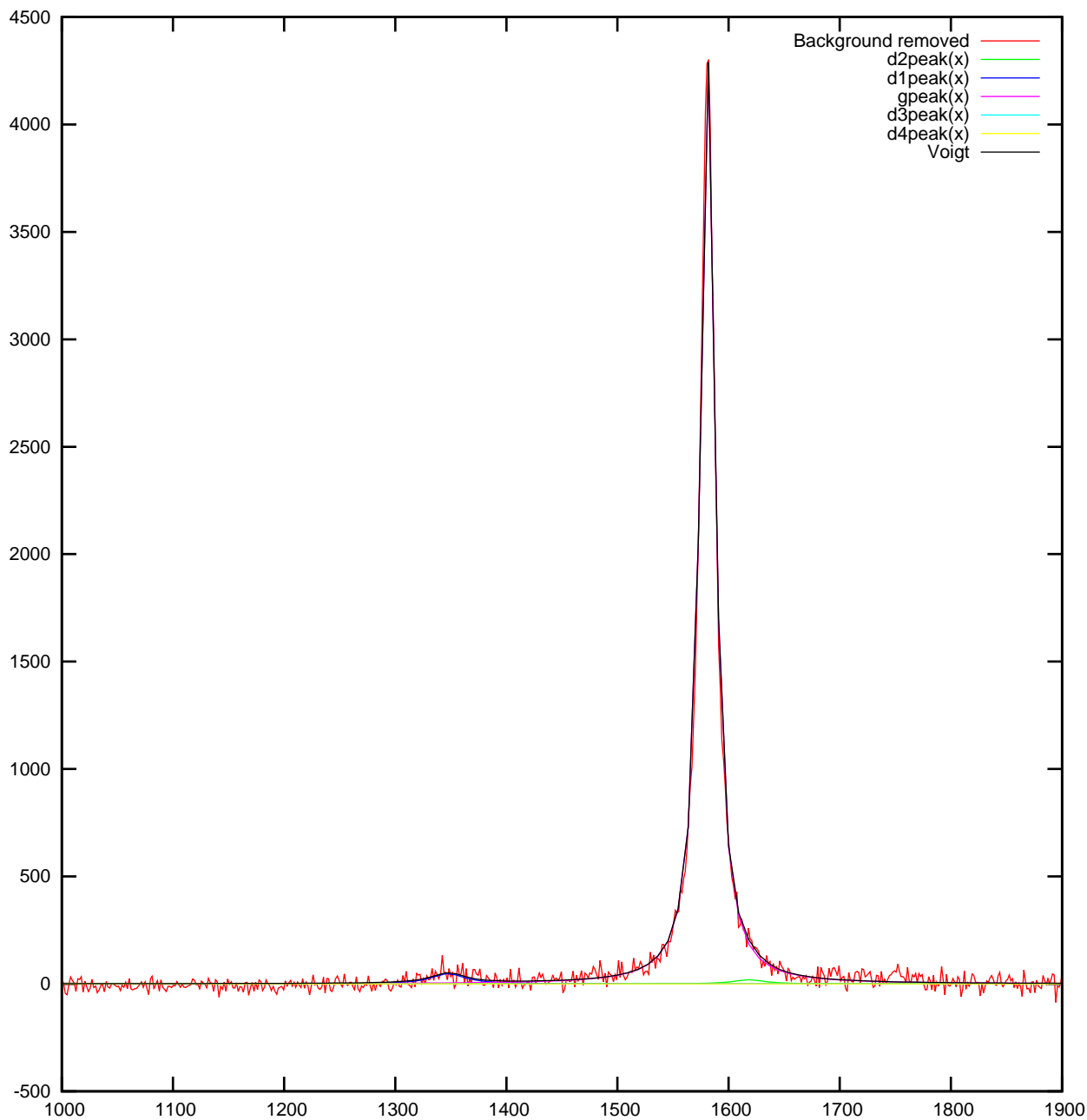
CH-D-Long8

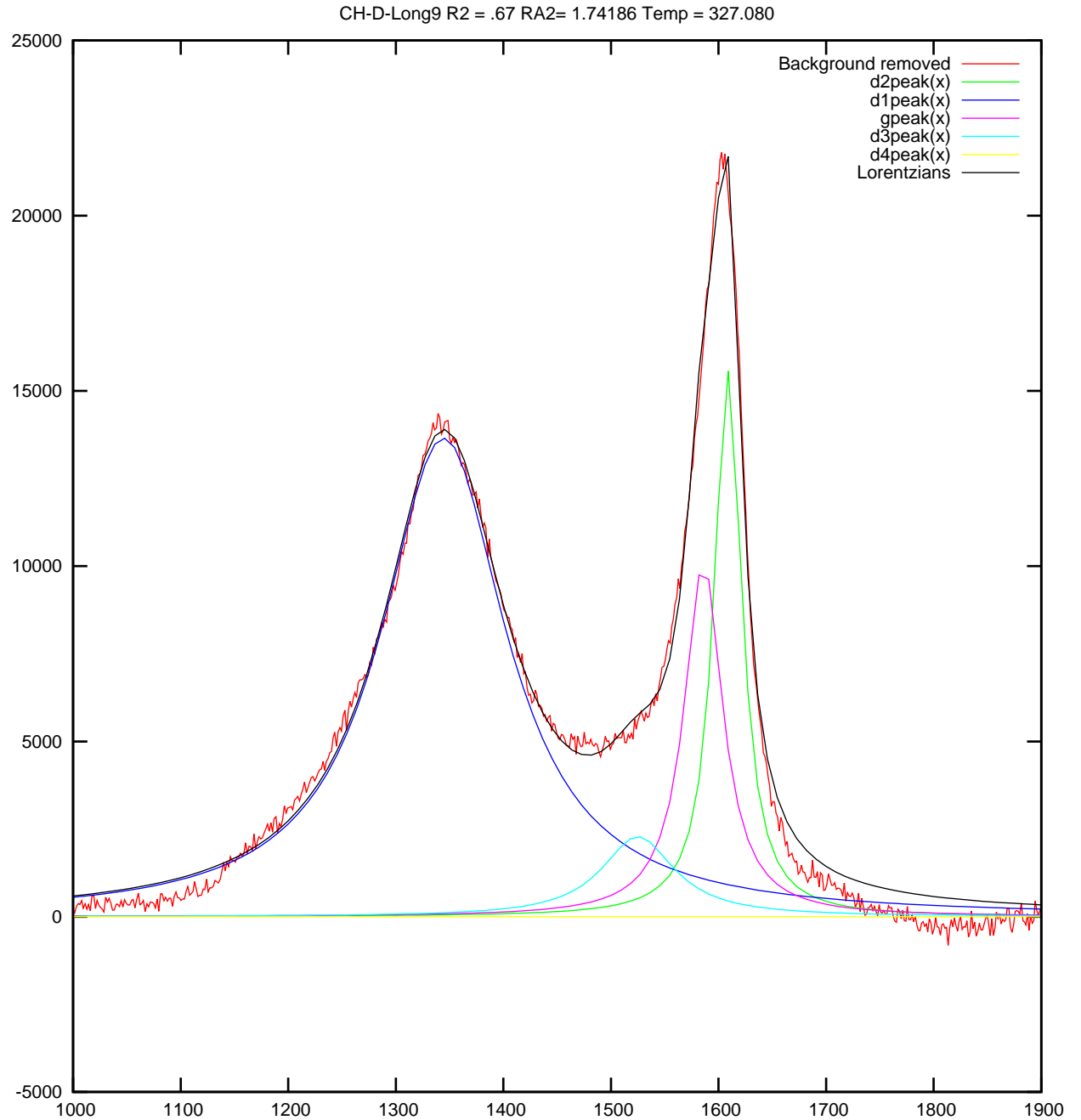
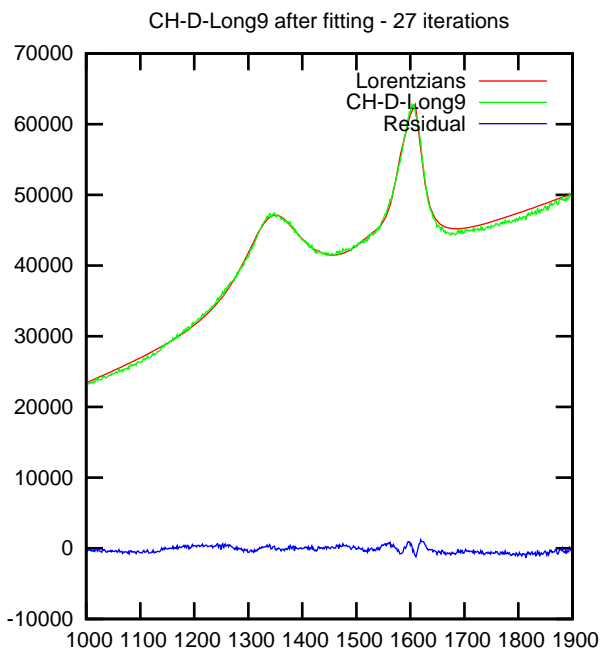
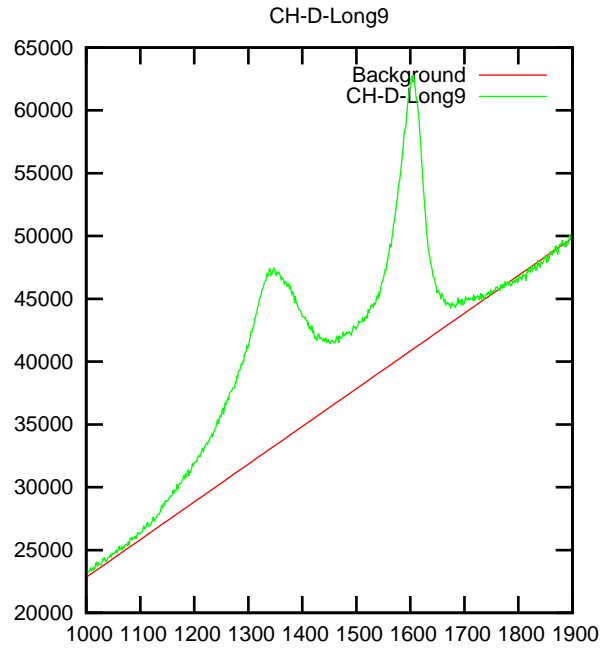


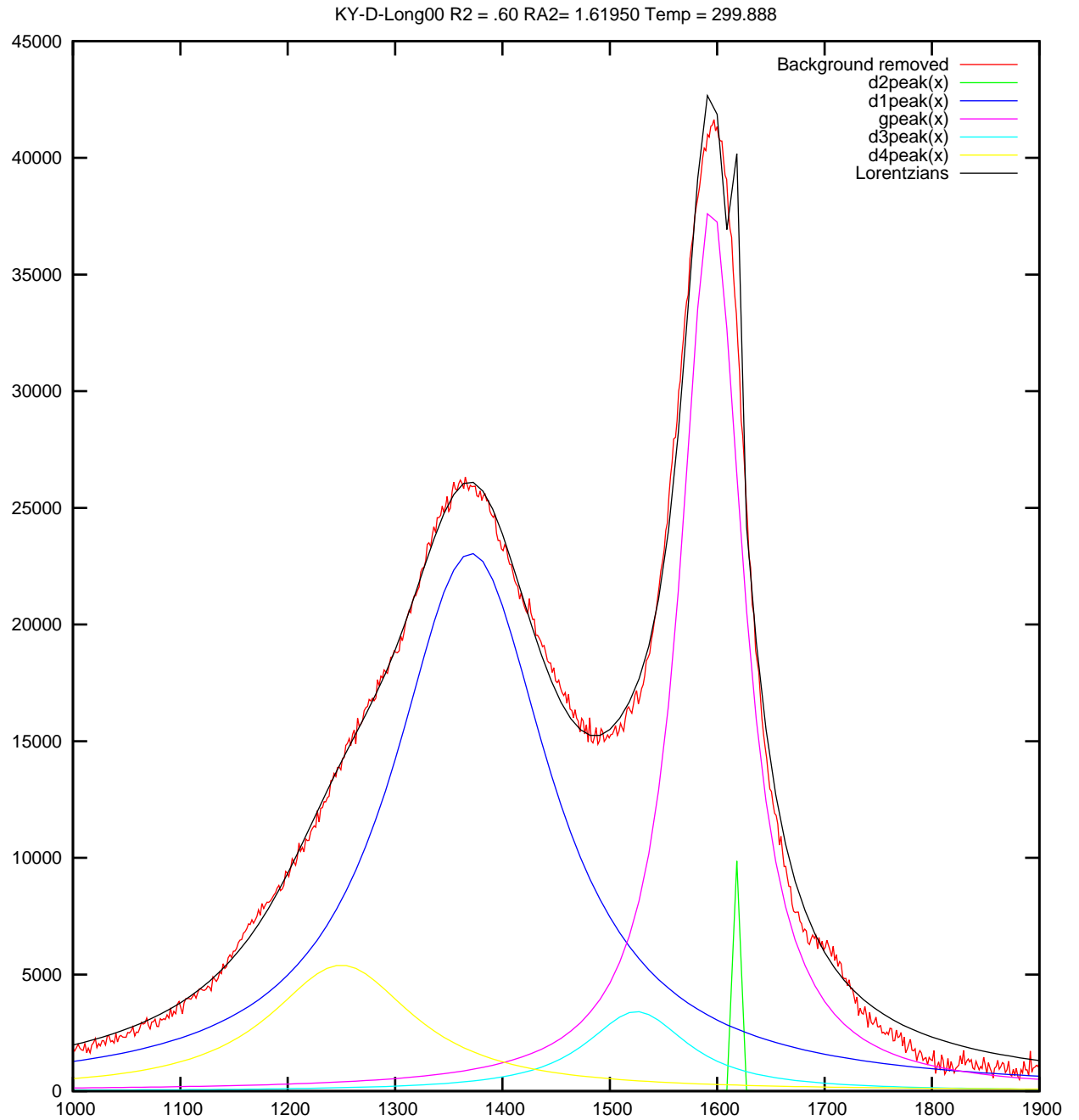
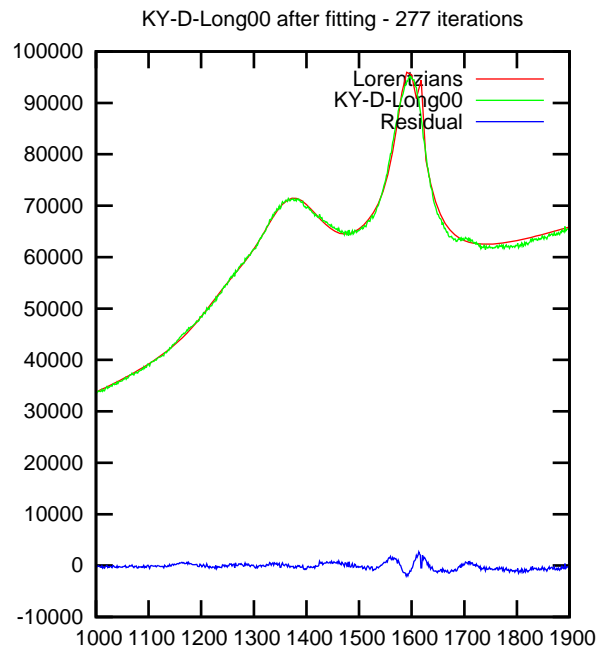
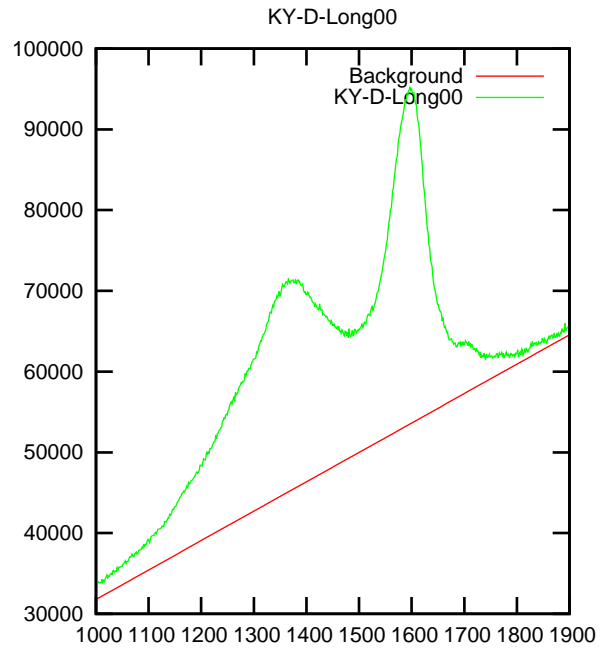
CH-D-Long8 after fitting - 146 iterations

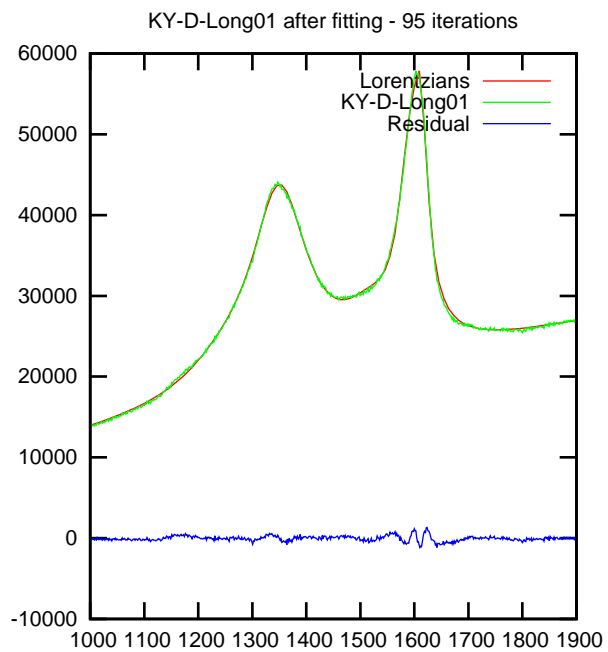
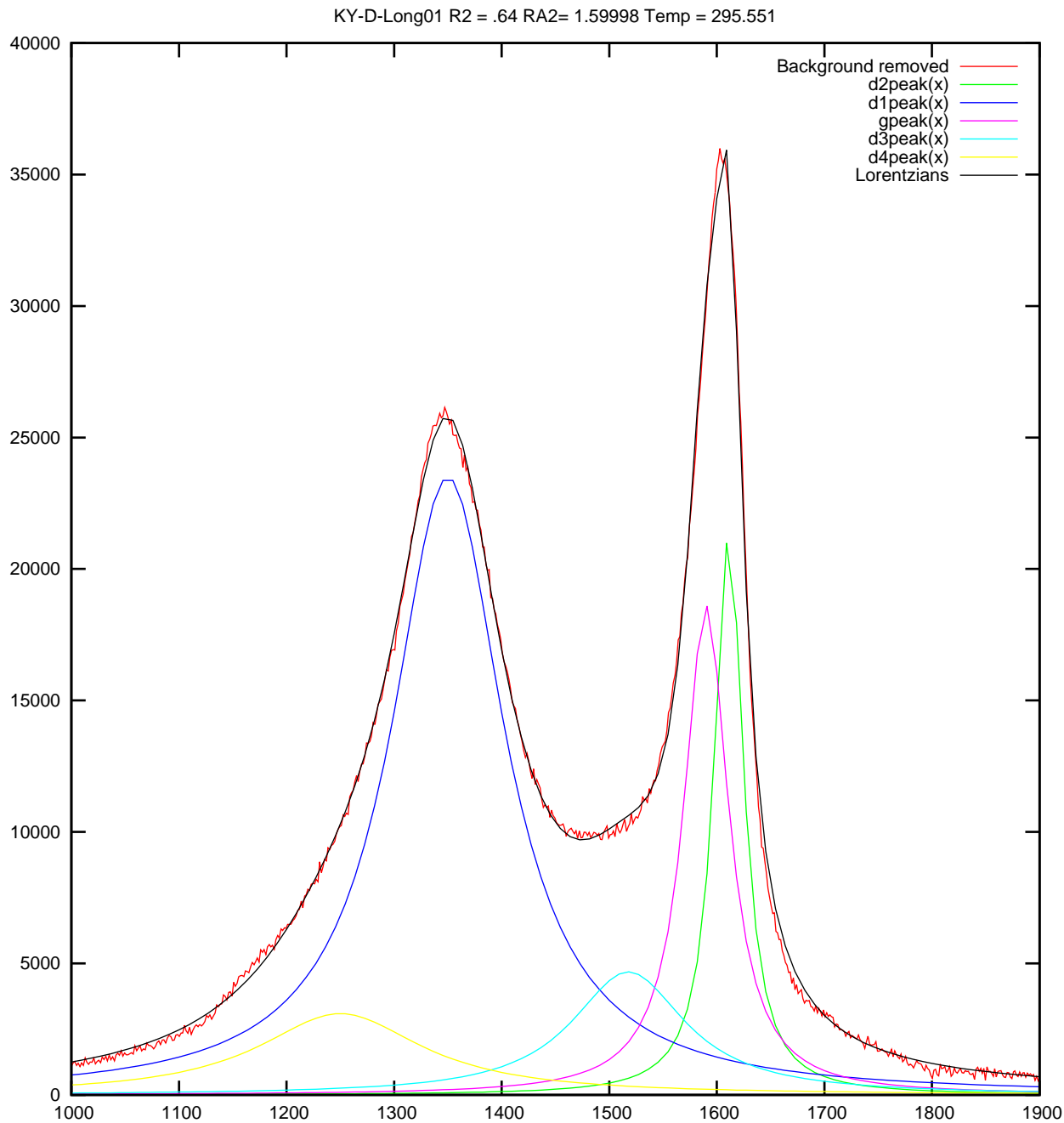
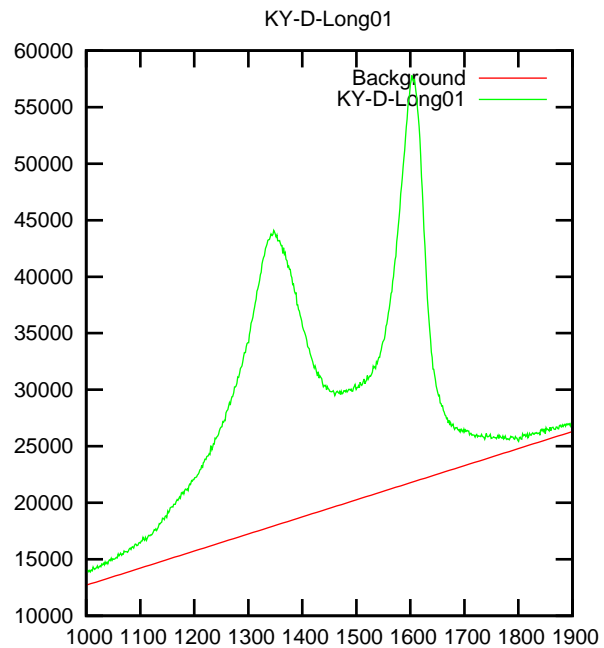


CH-D-Long8 R2 = .02 RA2= na Temp = 629.830

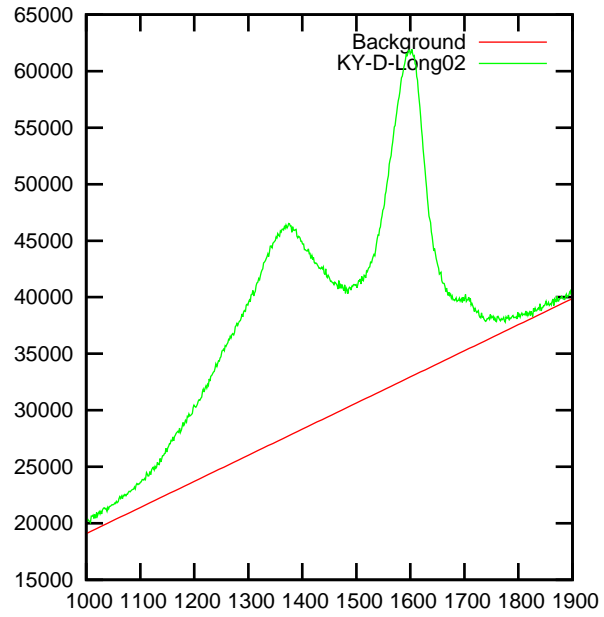




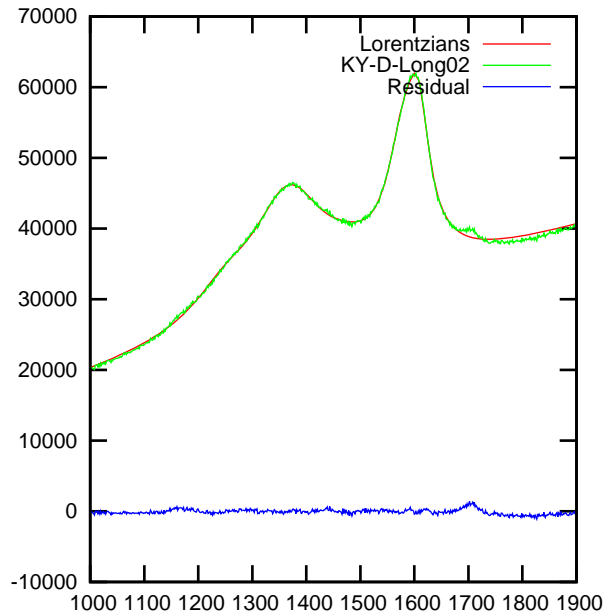




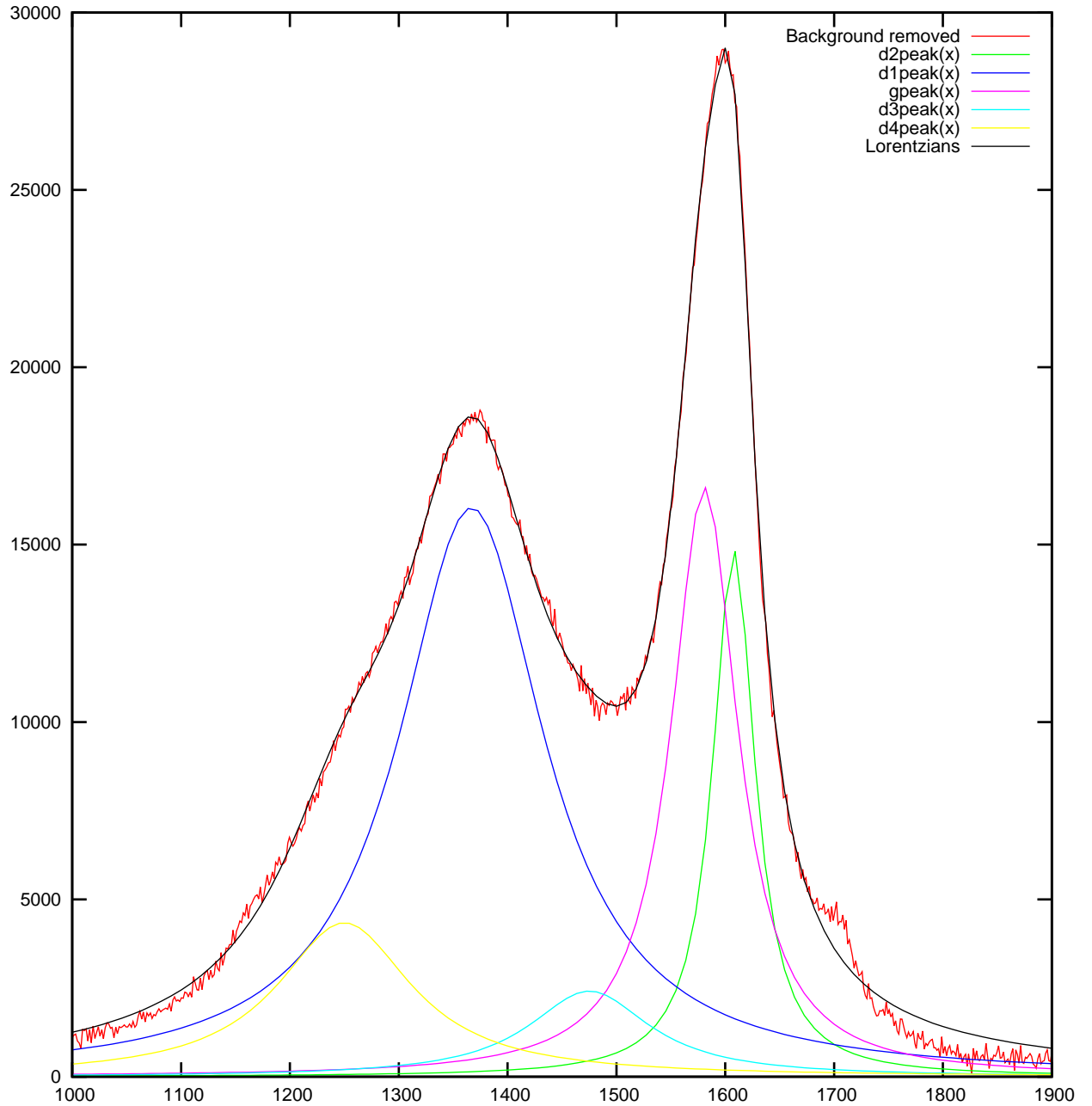
KY-D-Long02



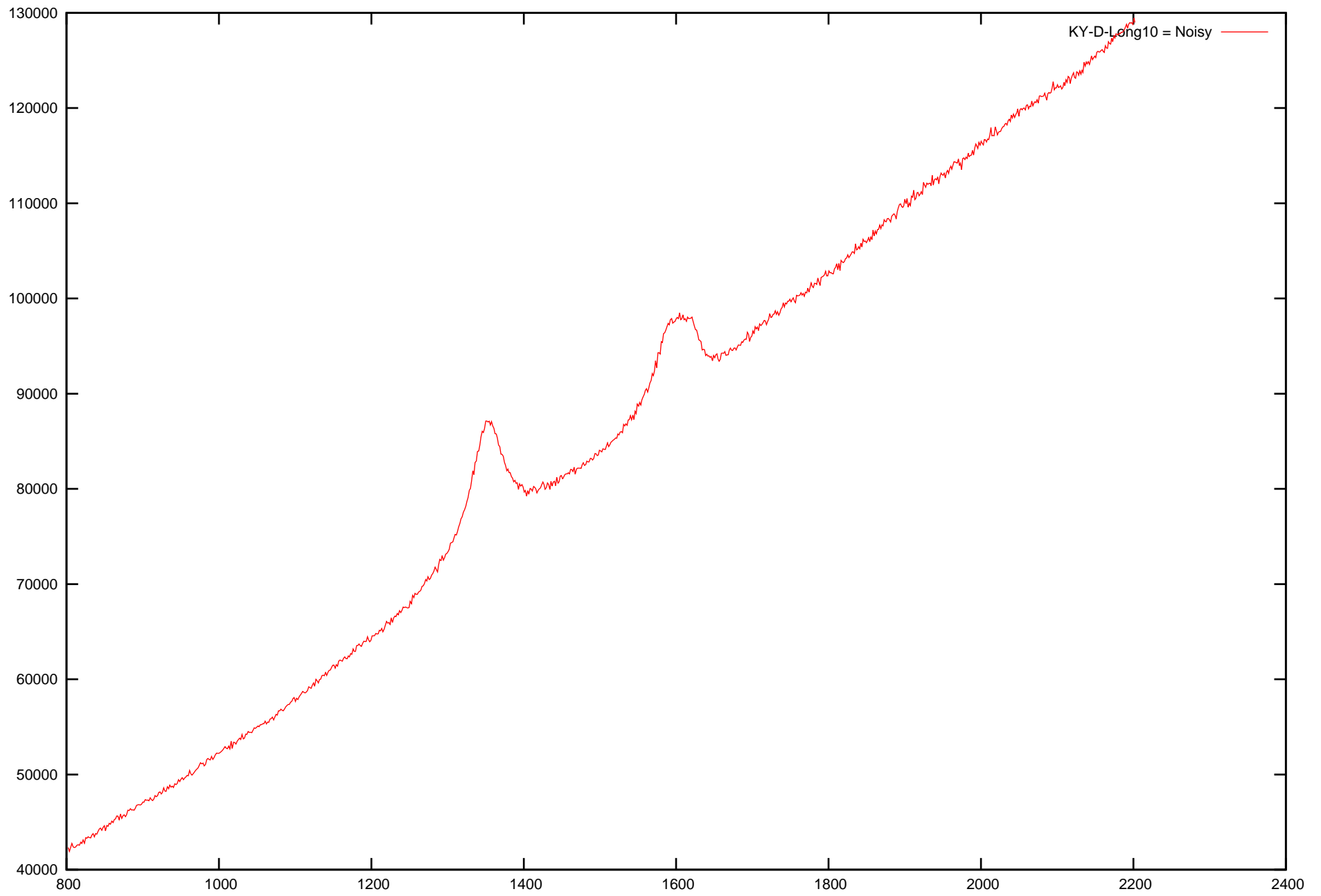
KY-D-Long02 after fitting - 190 iterations

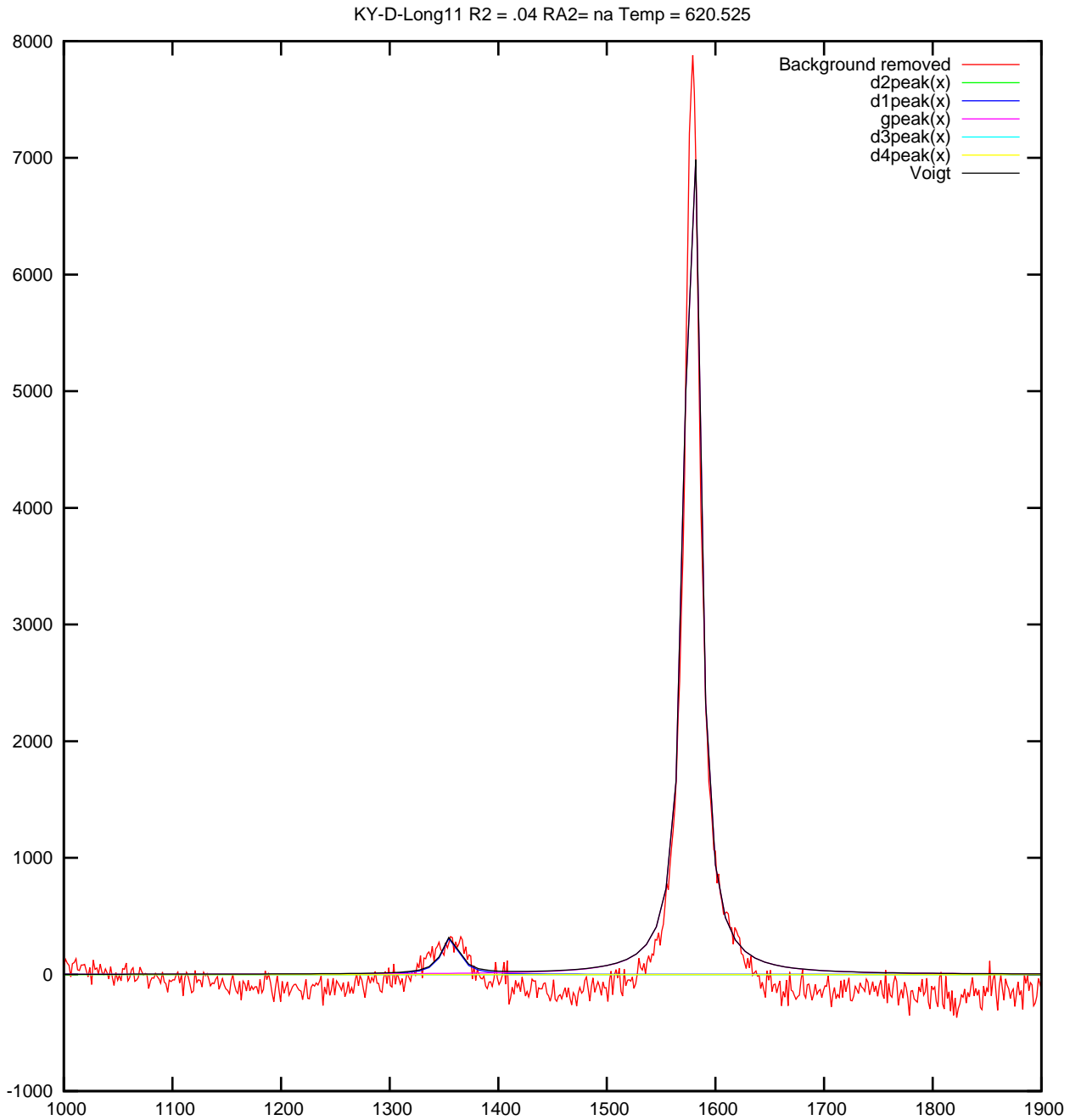
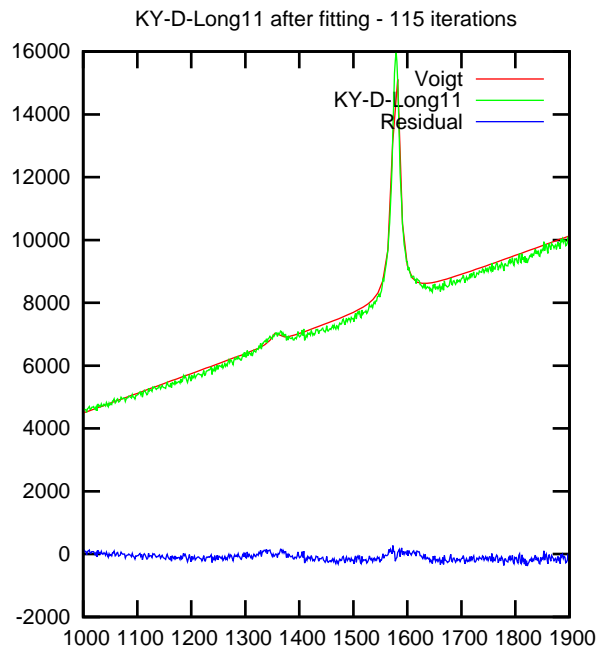
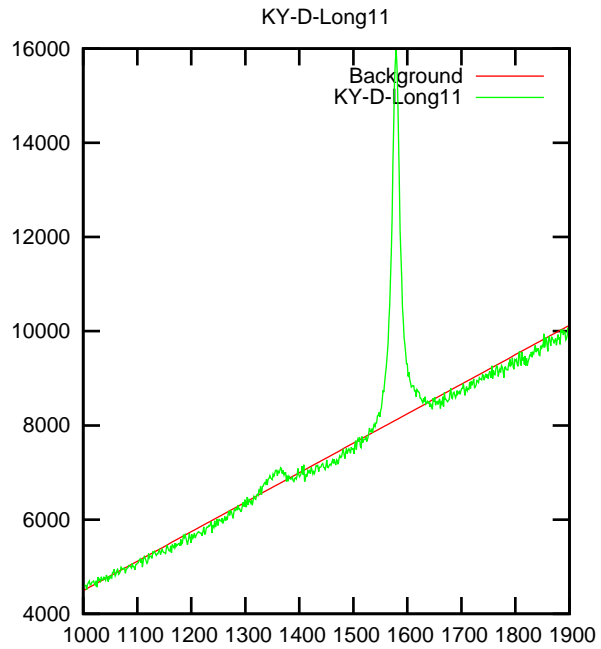


KY-D-Long02 R2 = .57 RA2= 1.44200 Temp = 260.444

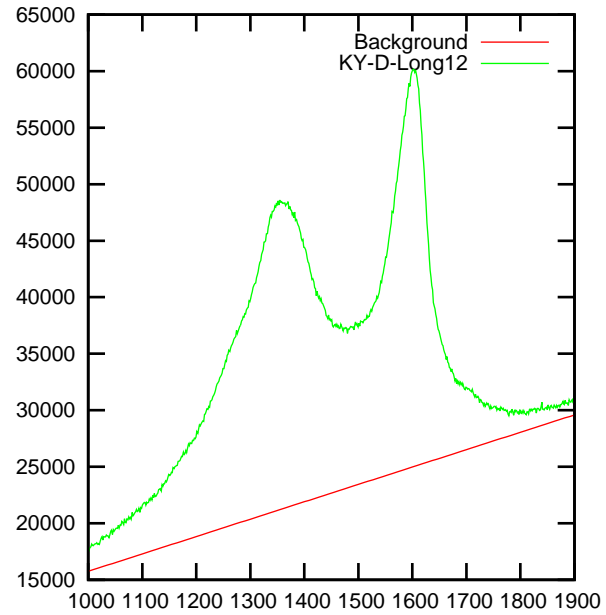


KY-D-Long10 = Noisy

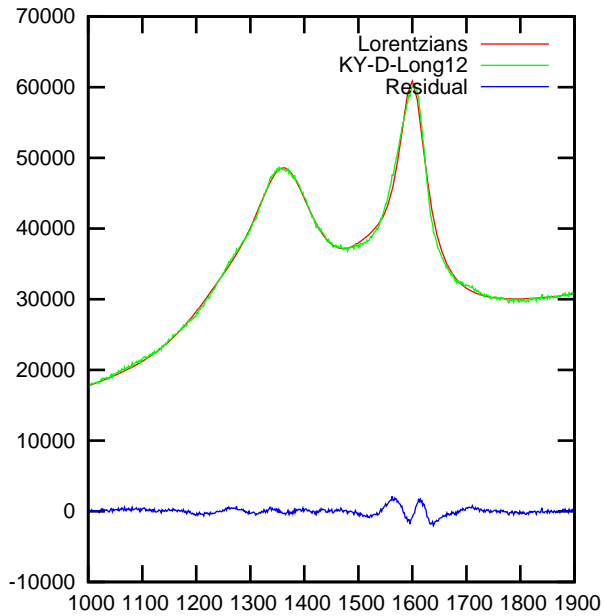




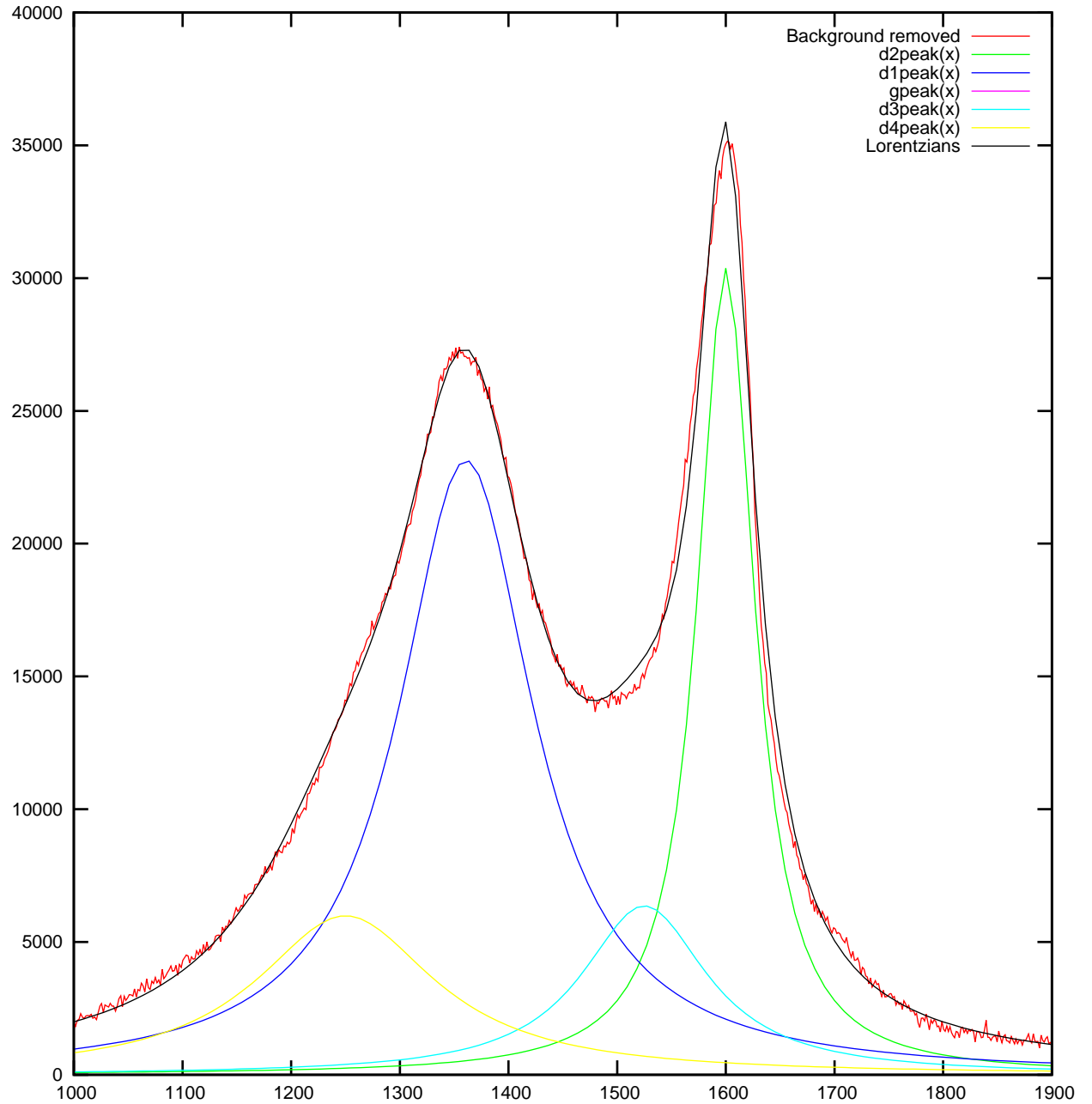
KY-D-Long12

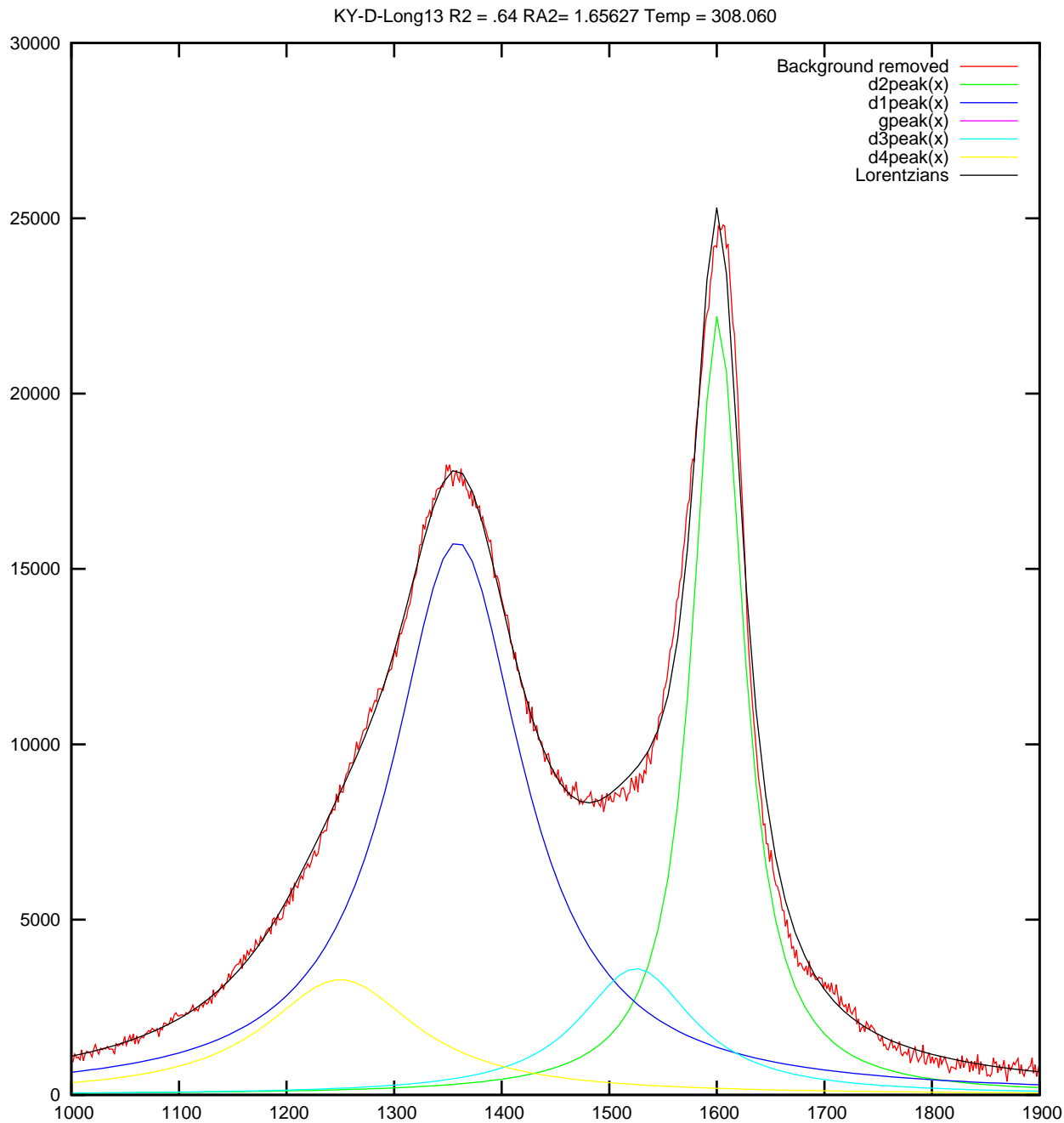
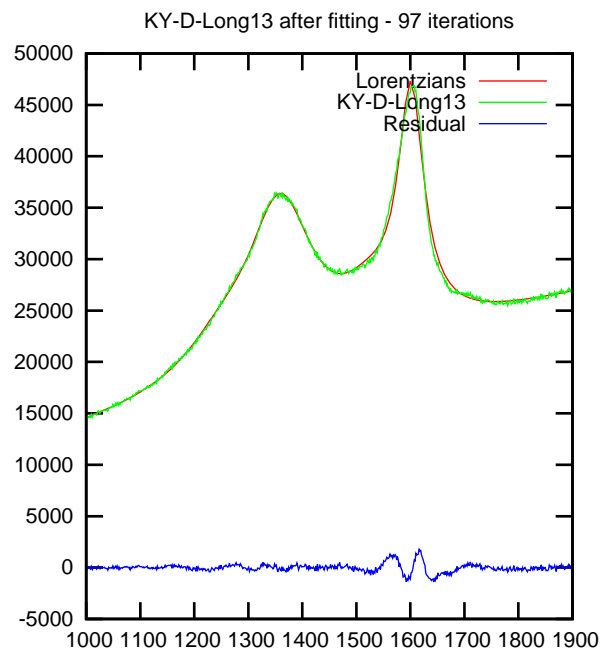
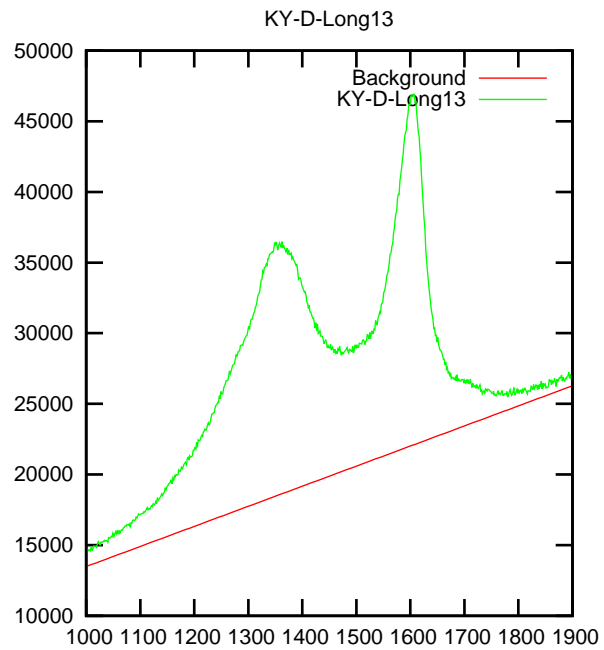


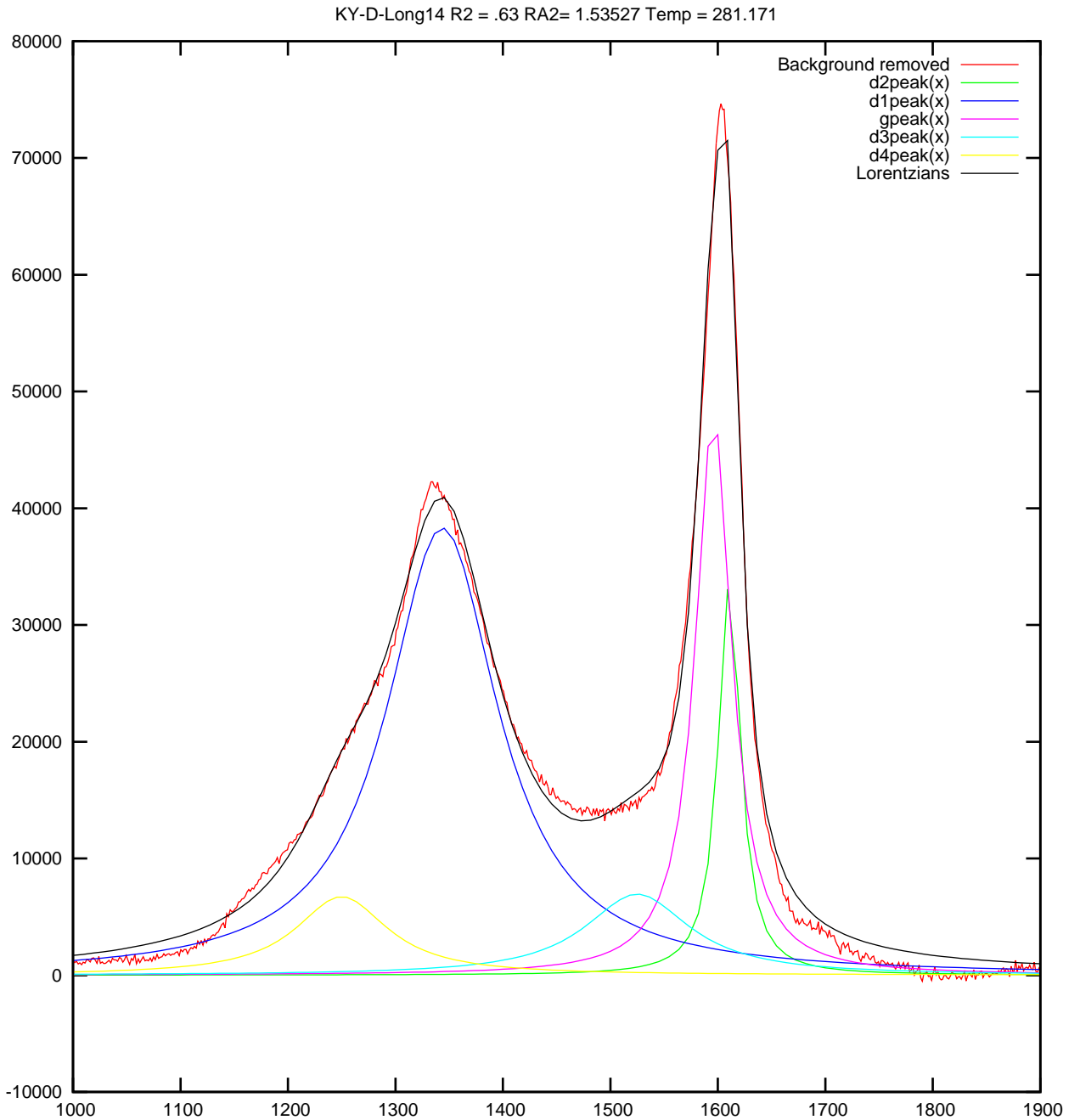
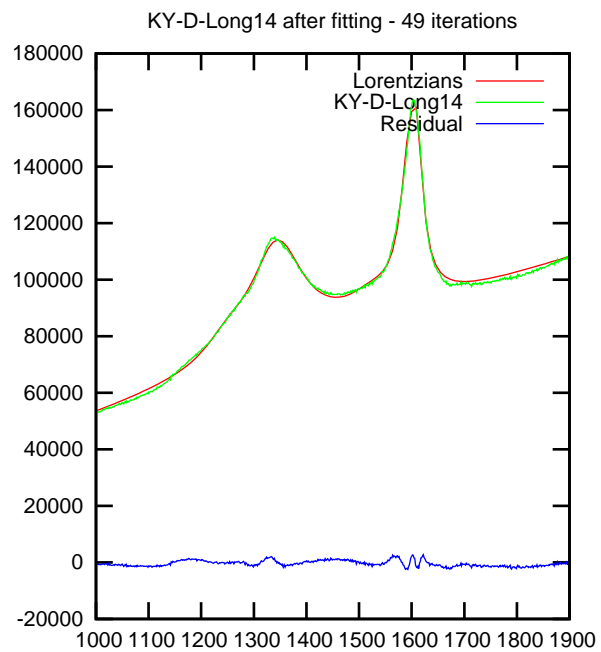
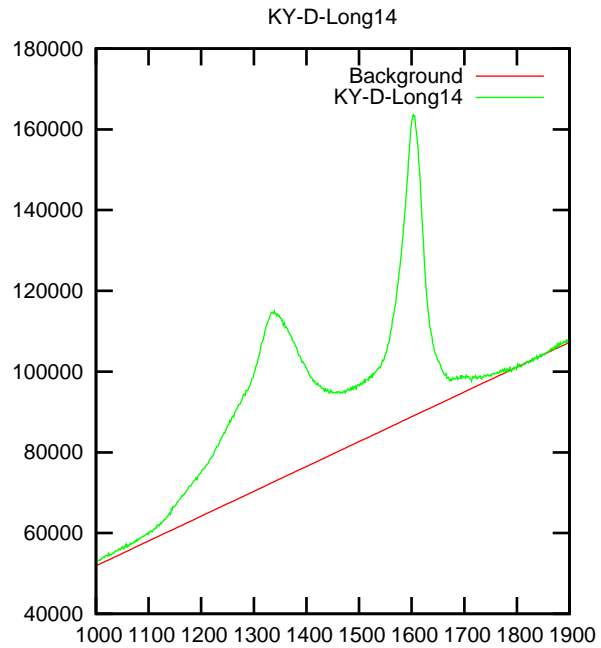
KY-D-Long12 after fitting - 75 iterations

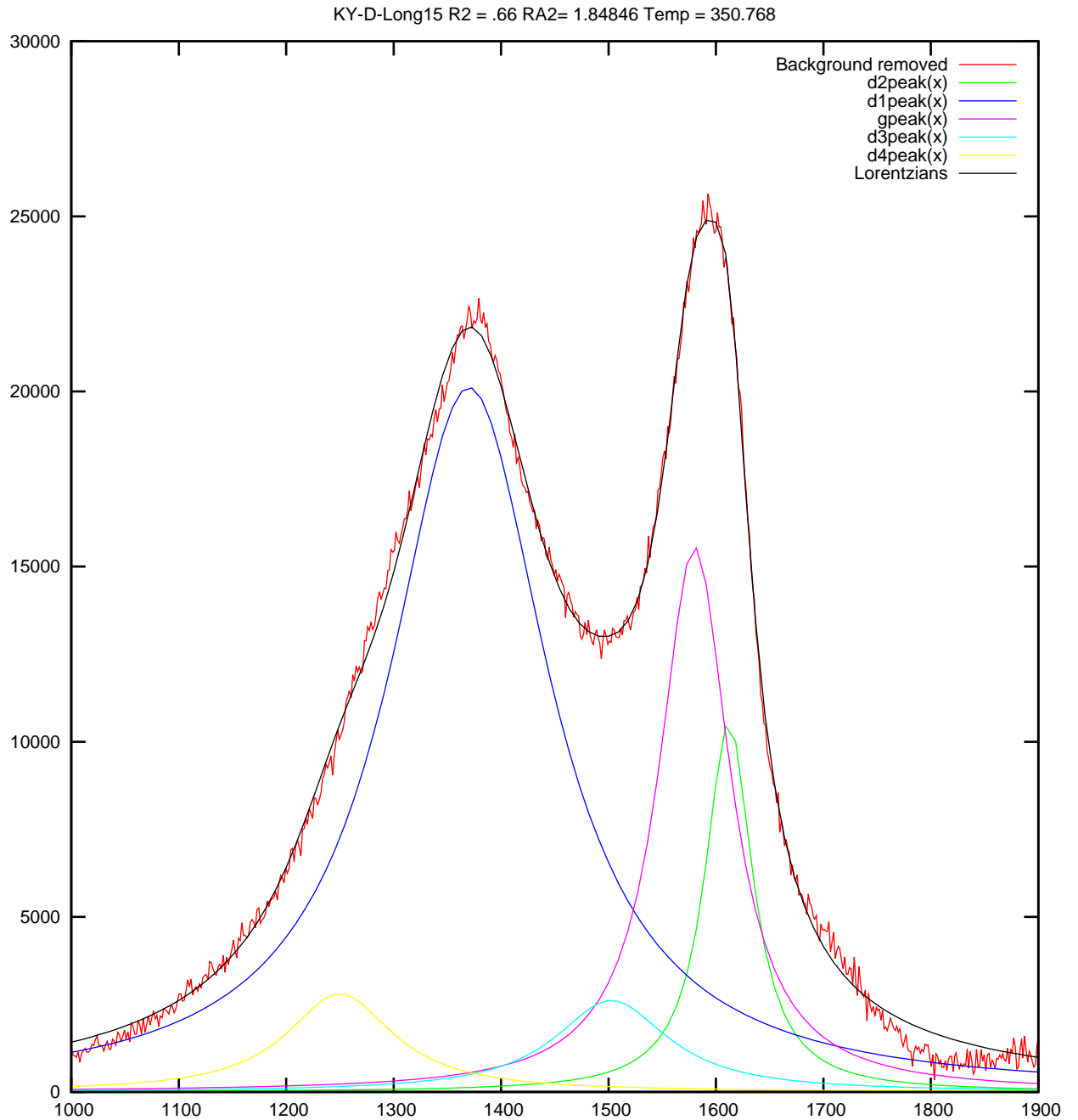
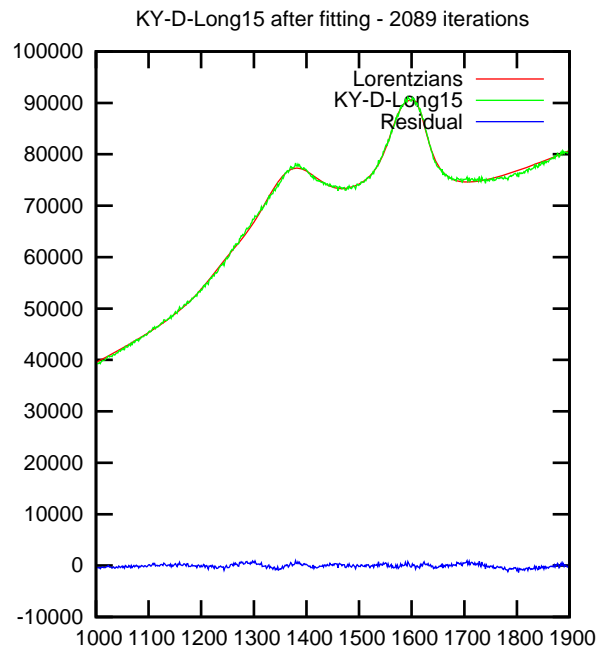
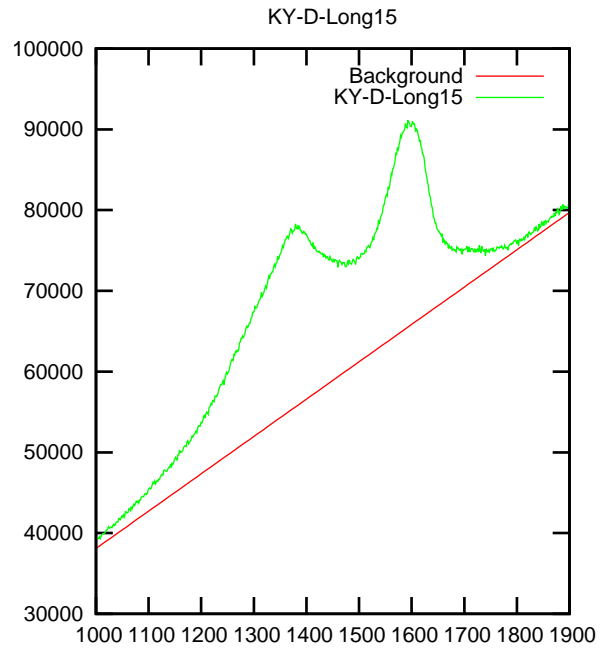


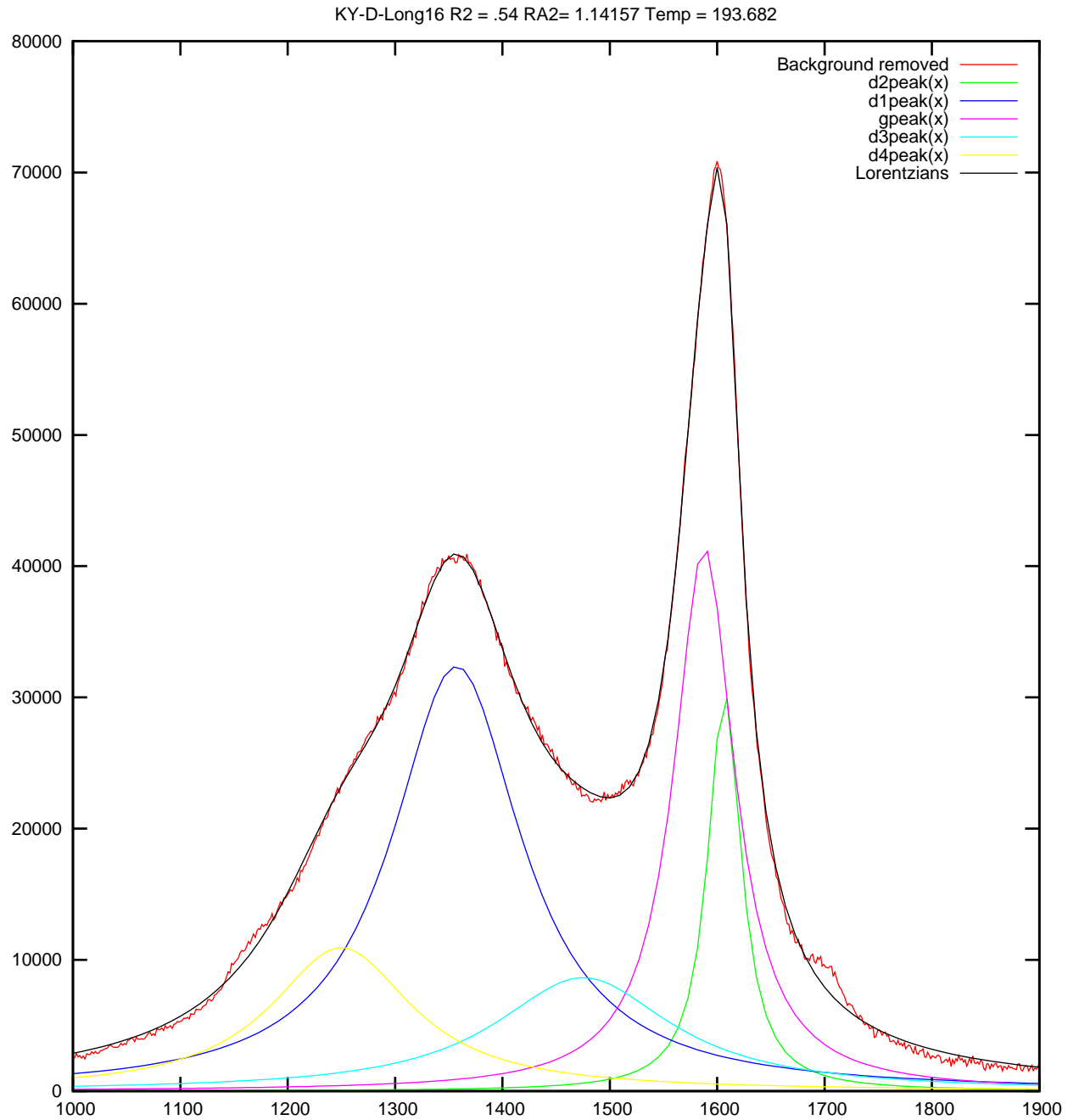
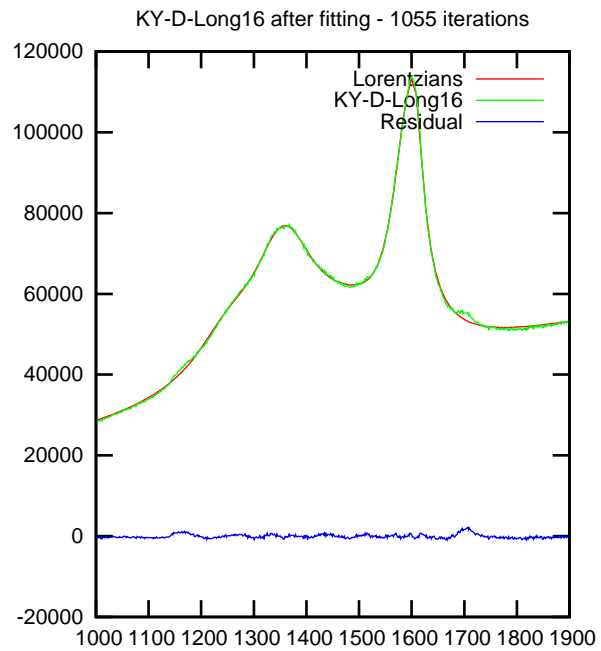
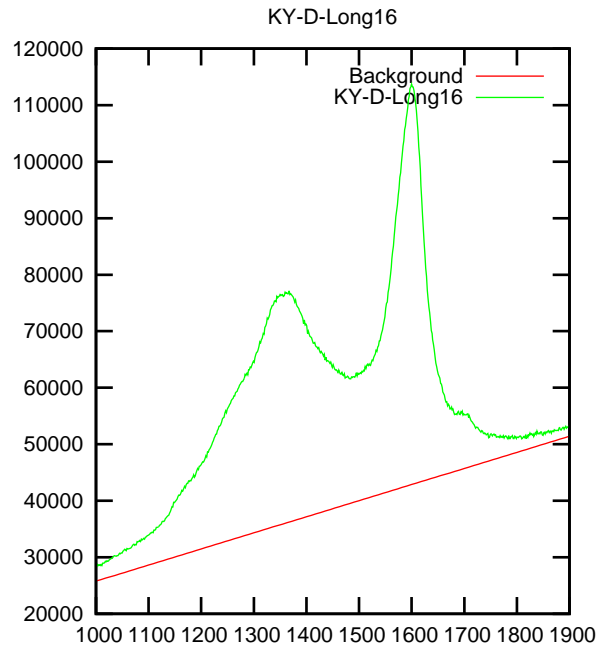
KY-D-Long12 R2 = .64 RA2= 1.65932 Temp = 308.737

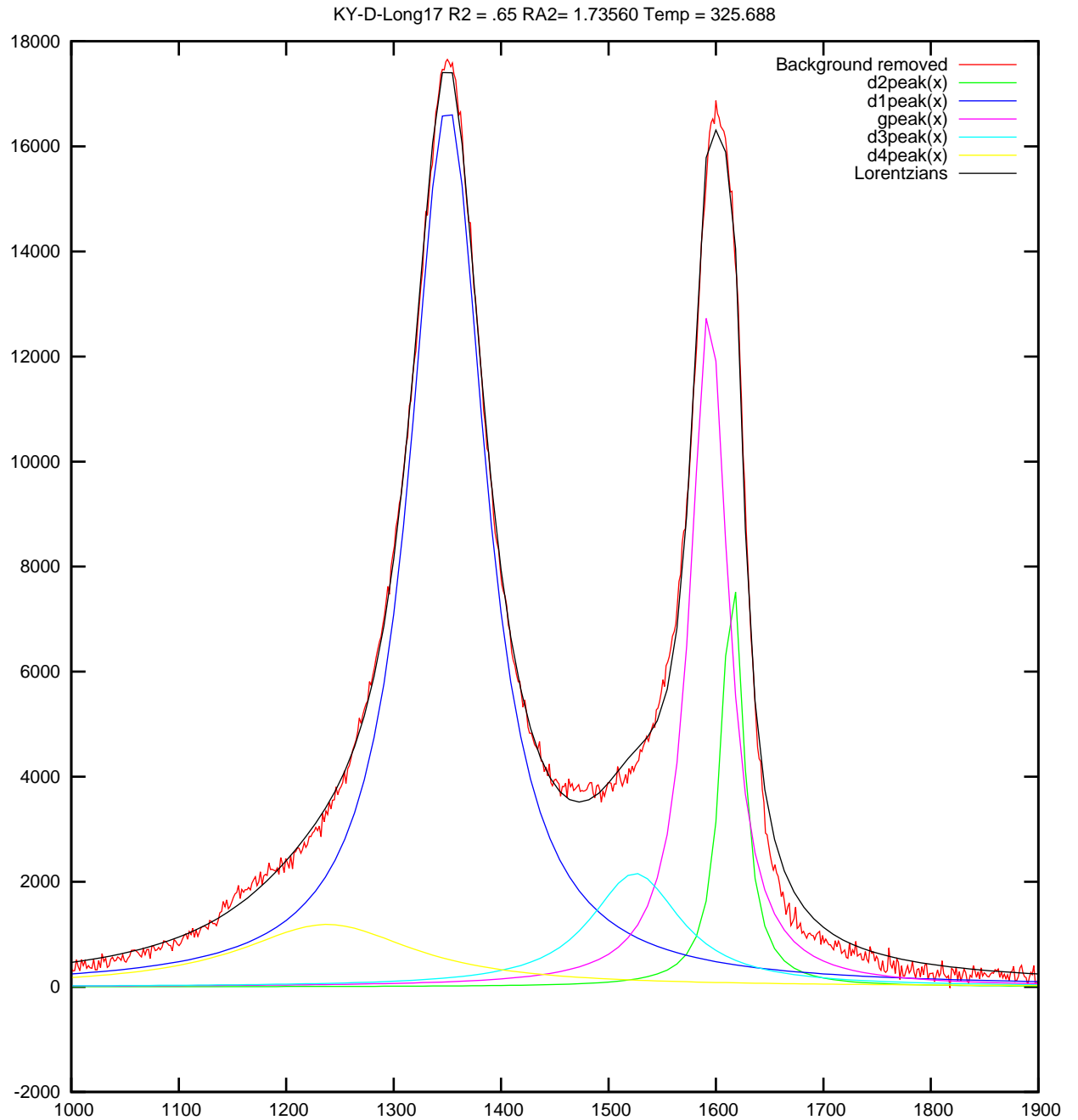
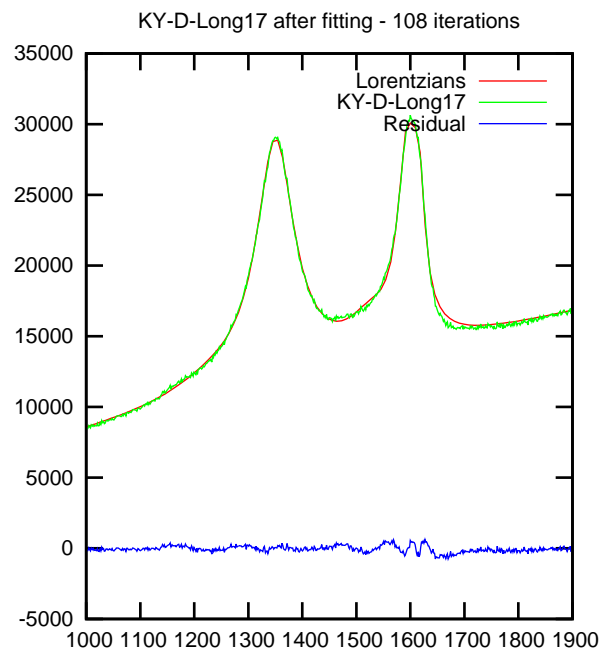
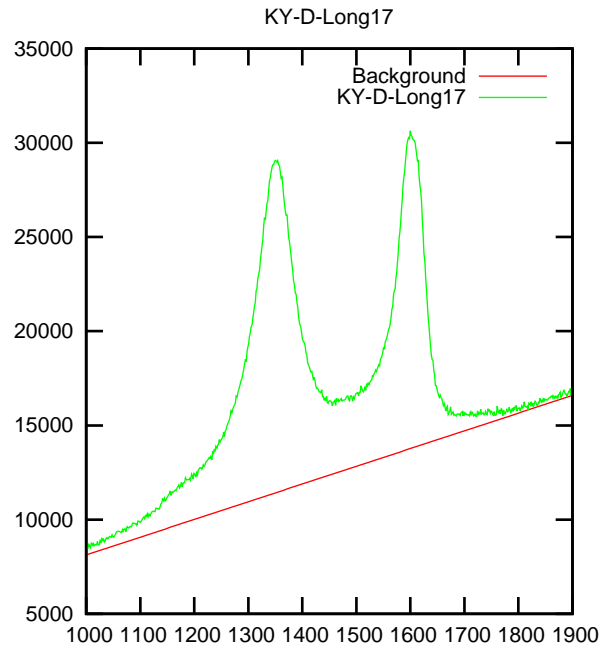


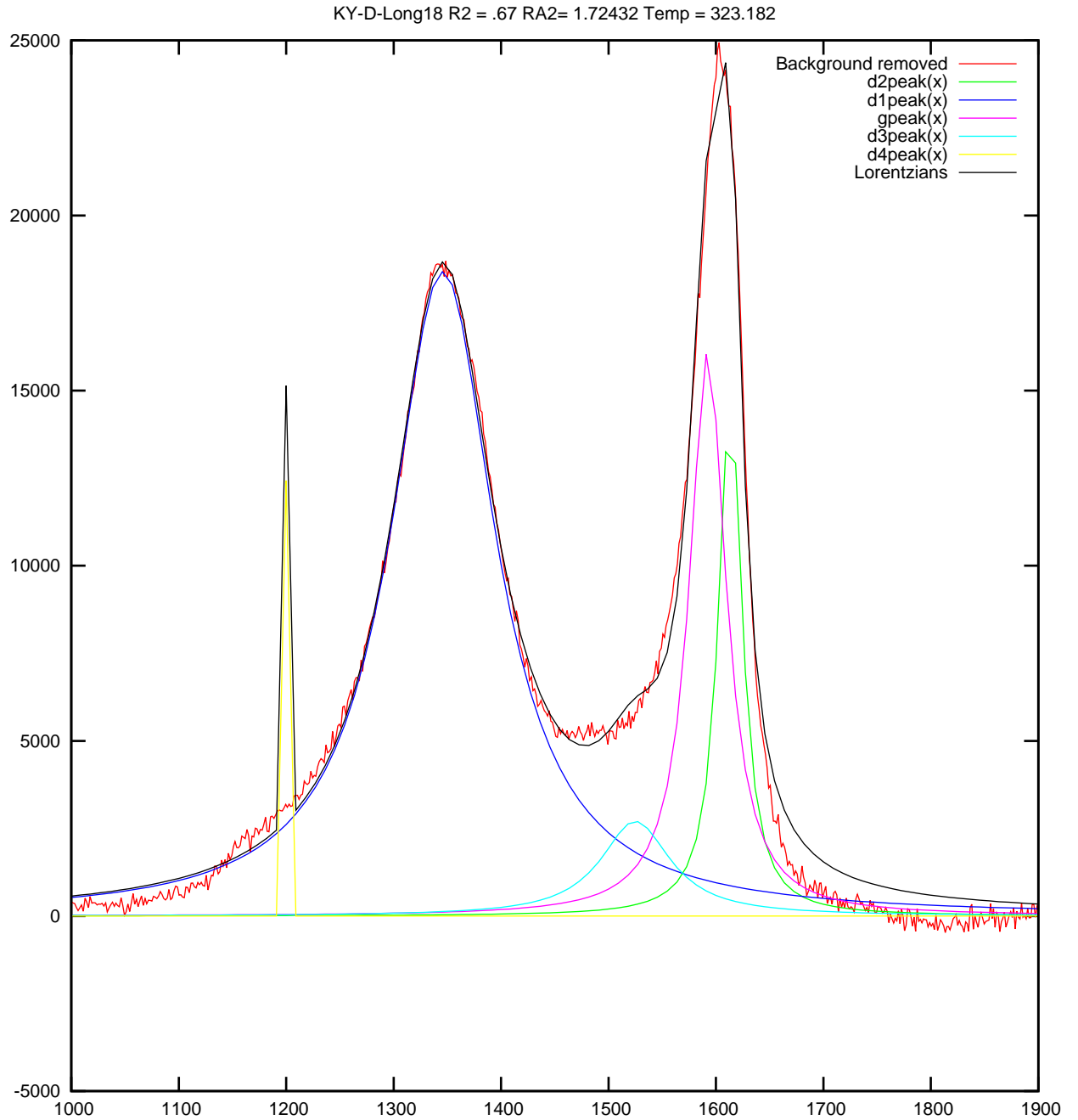
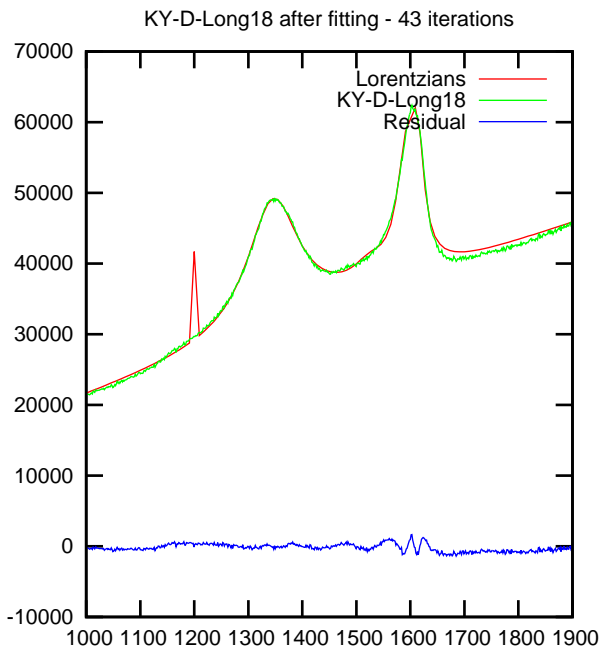
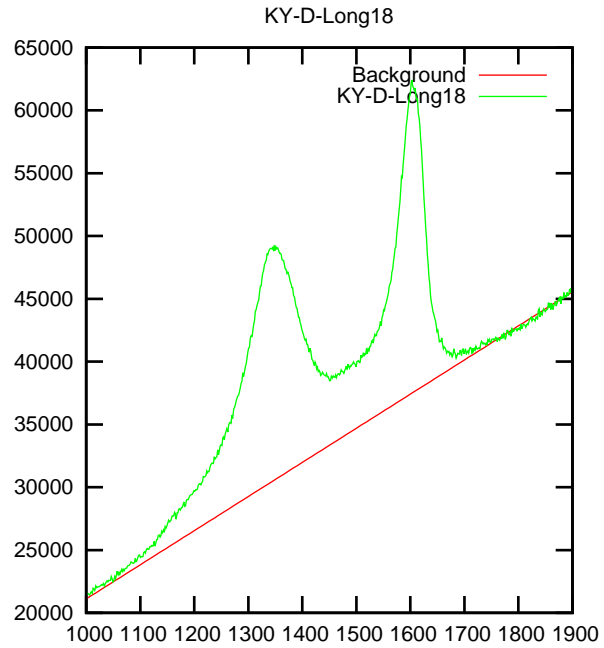


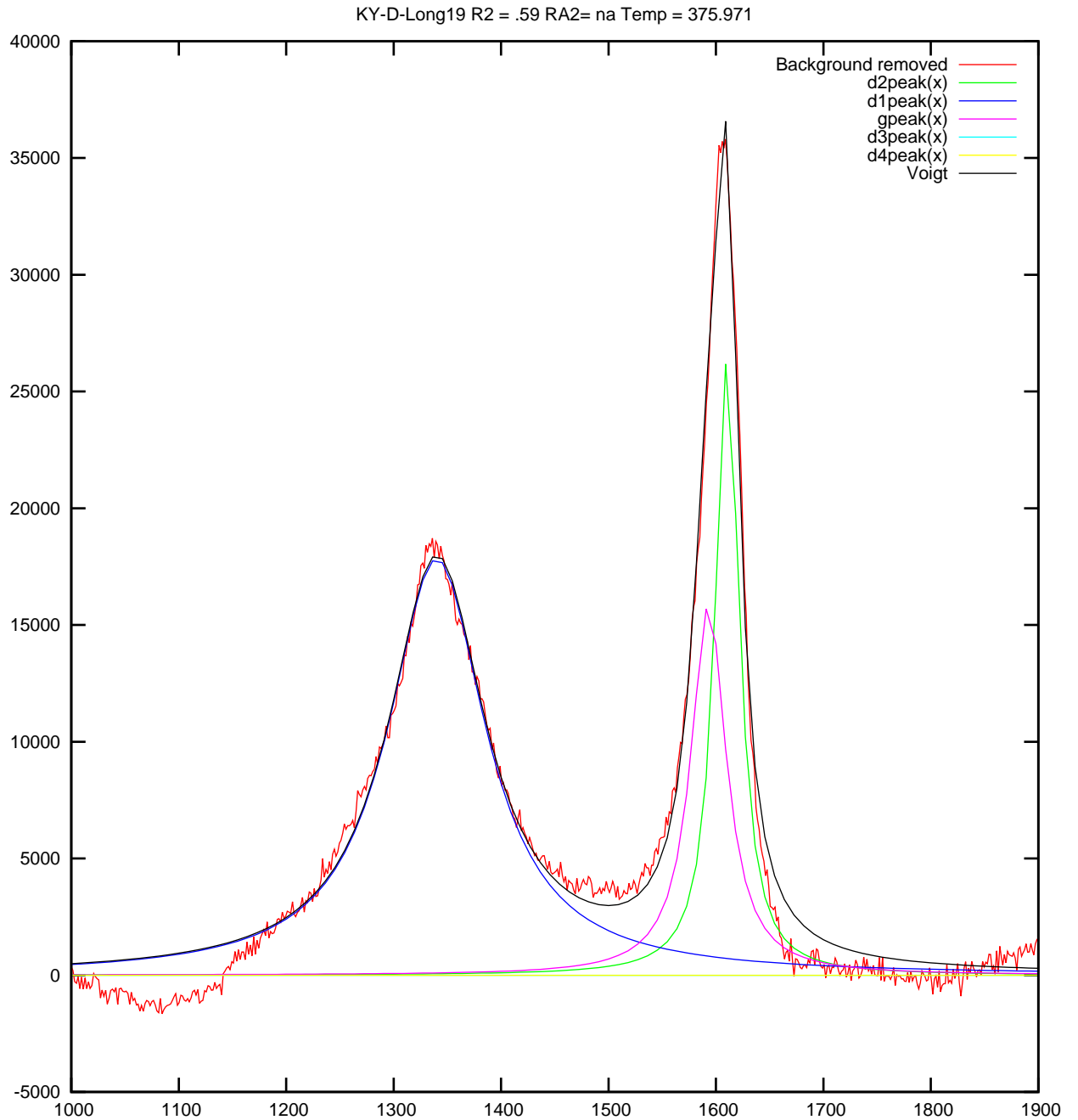
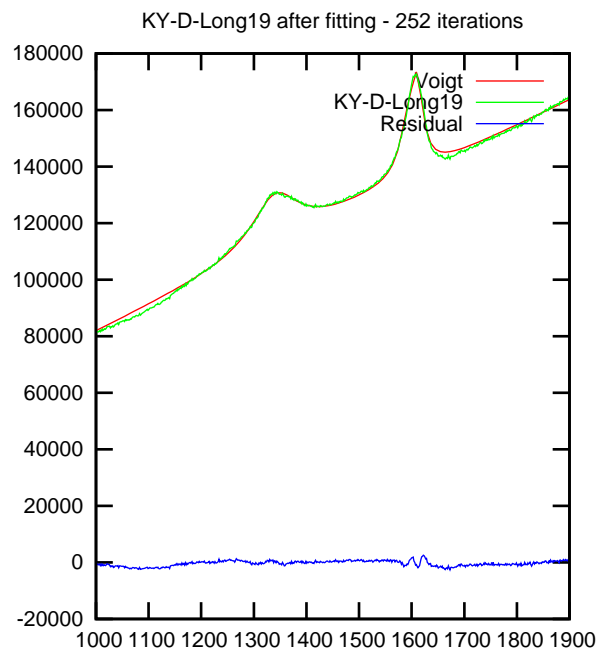
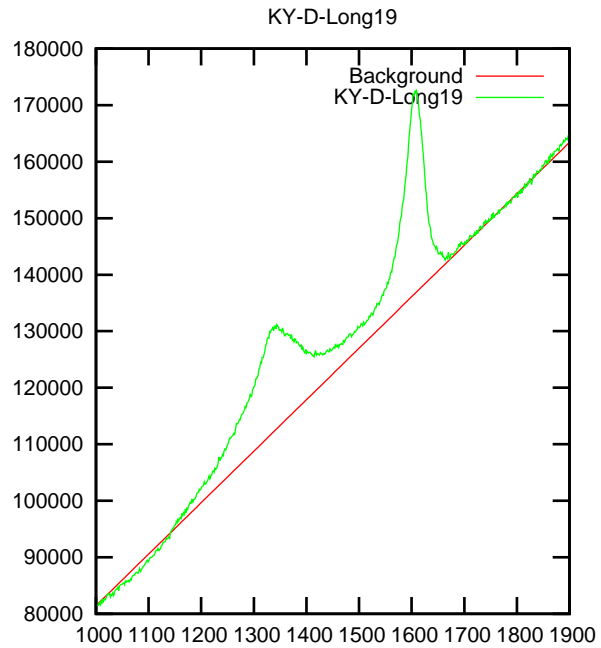


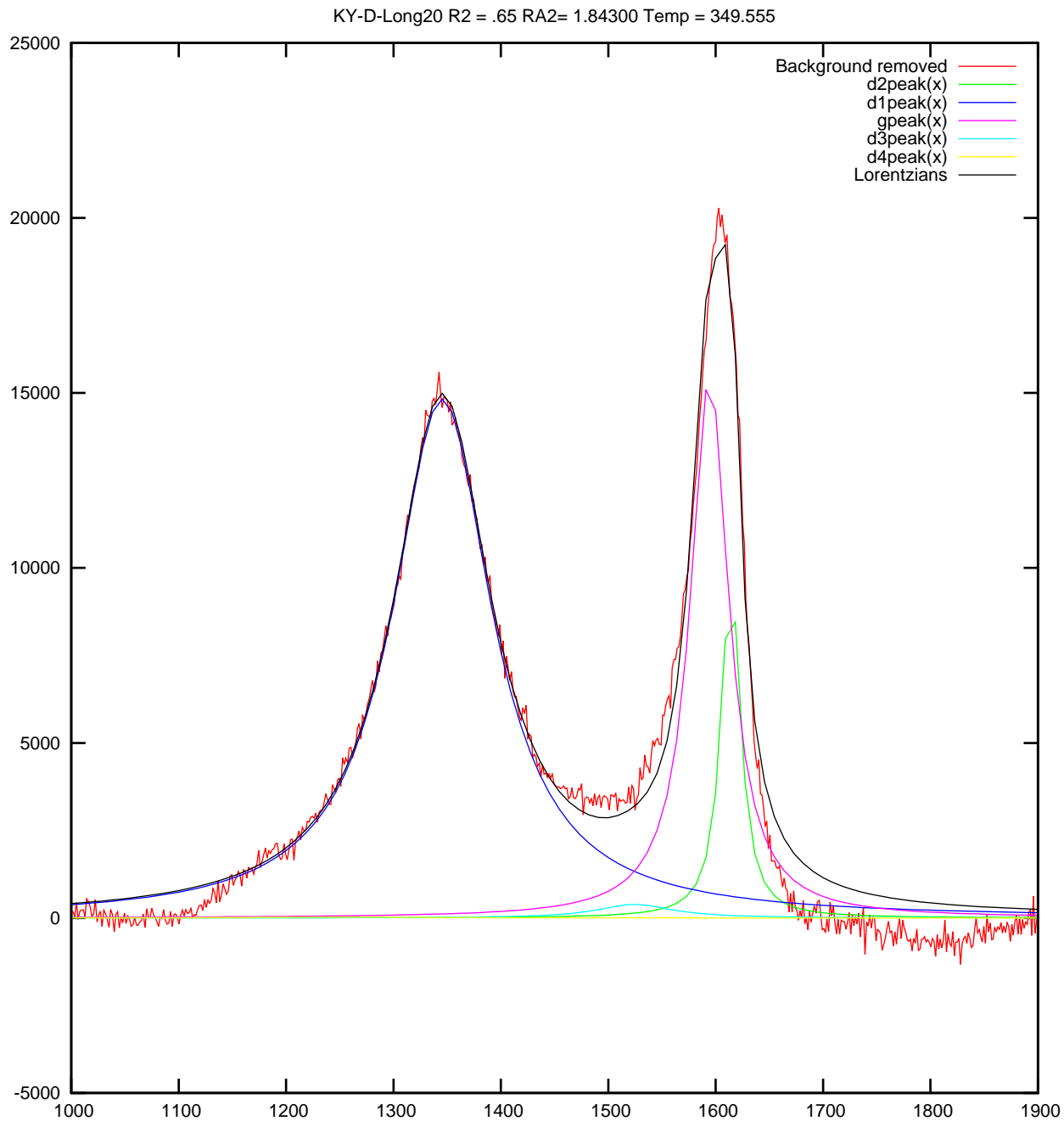
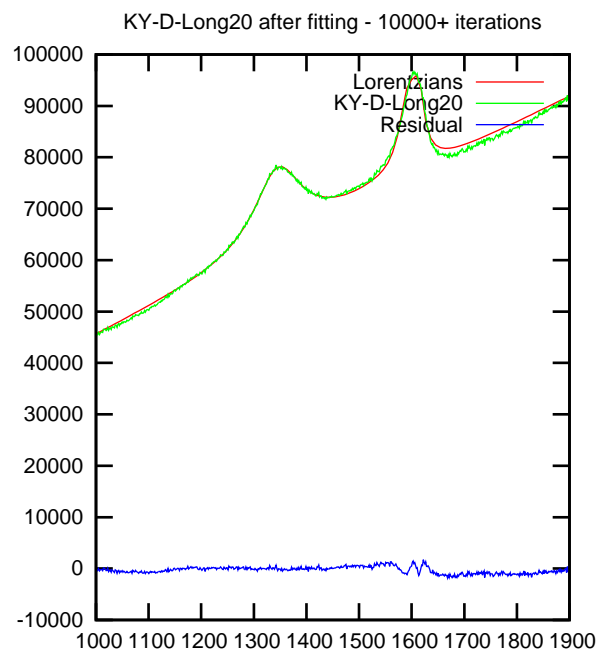
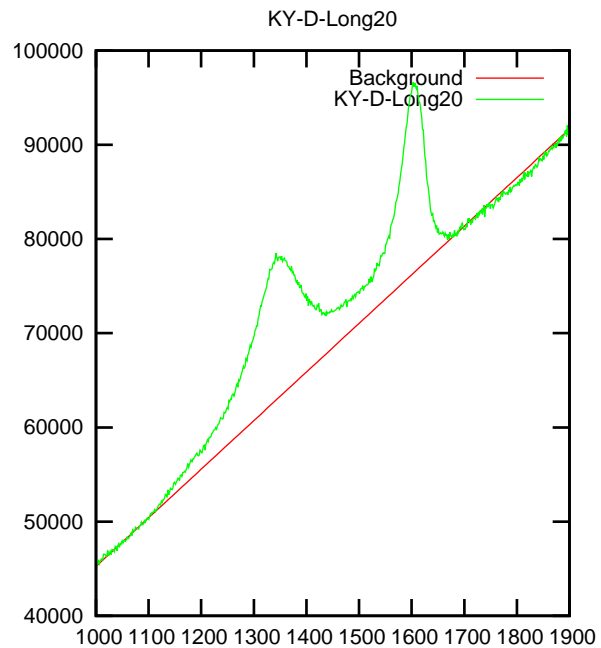


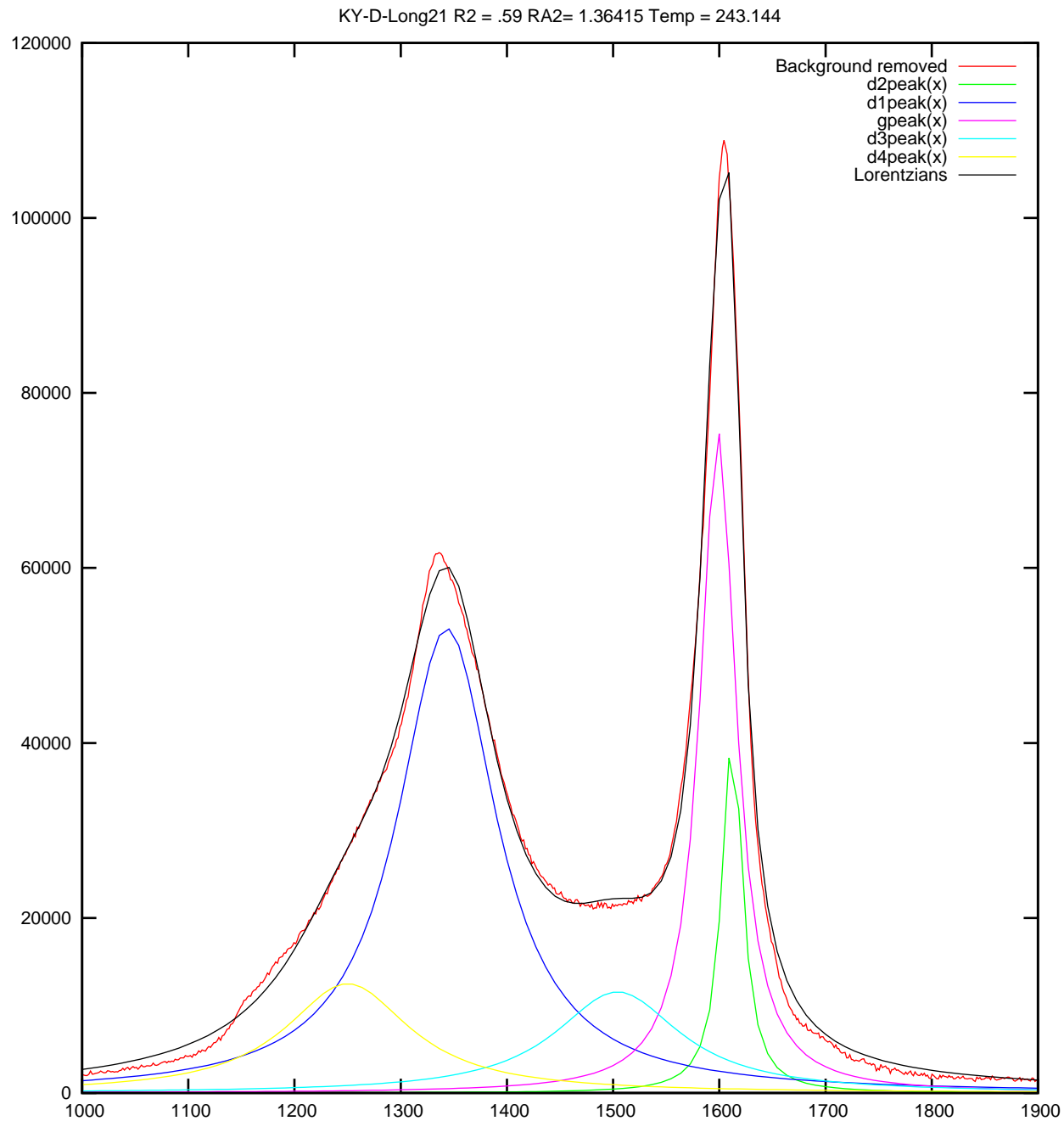
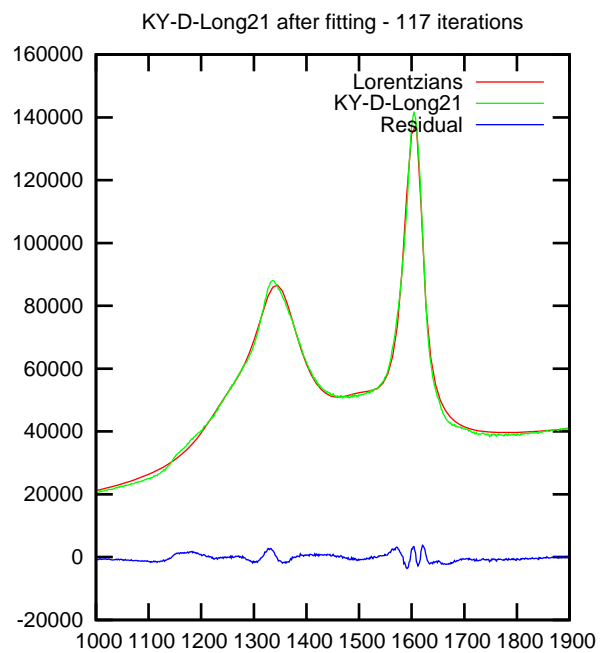
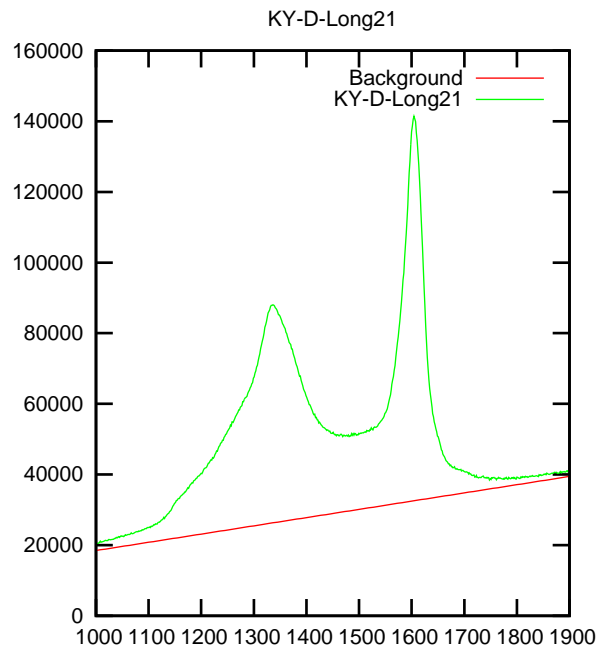


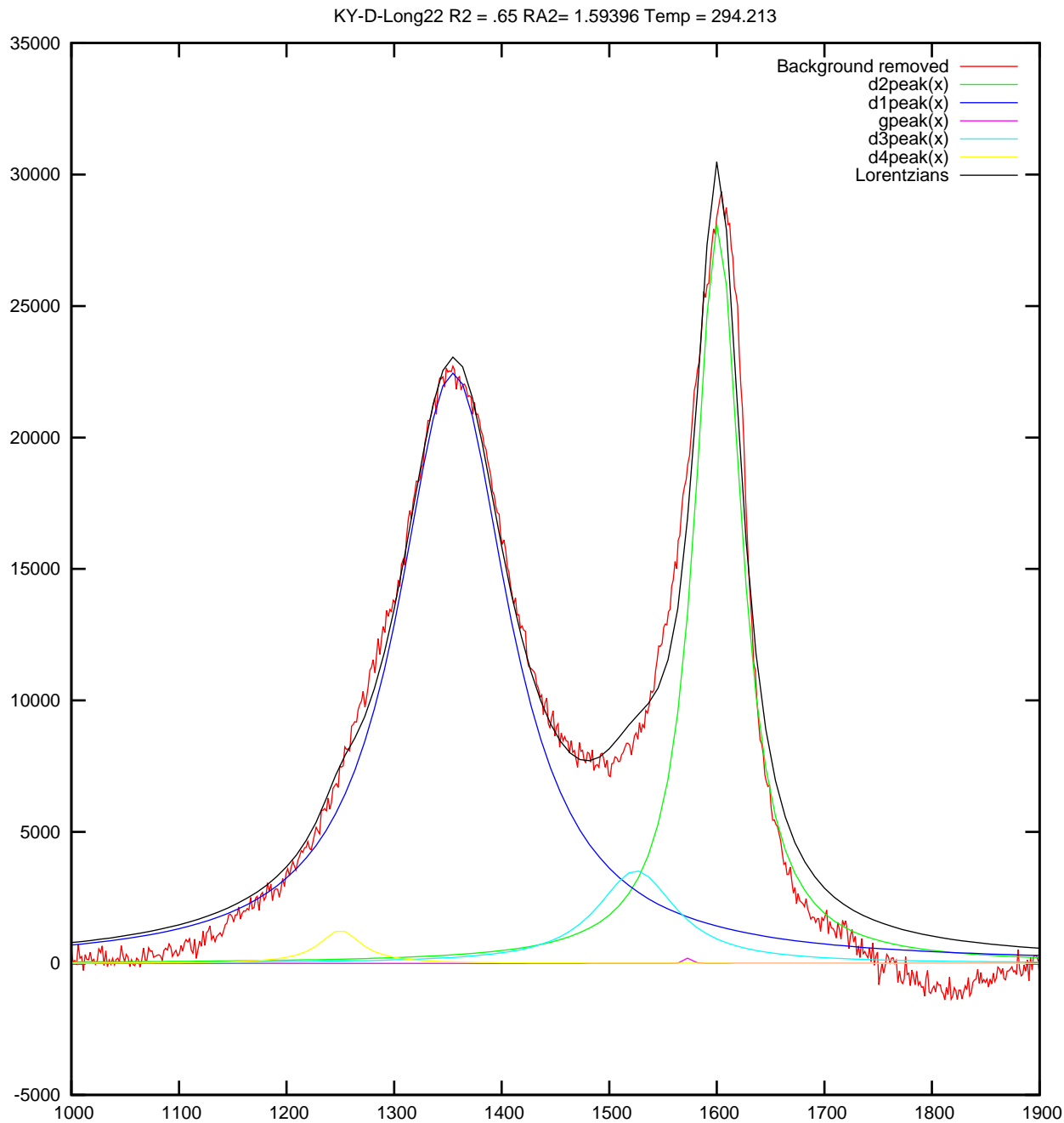
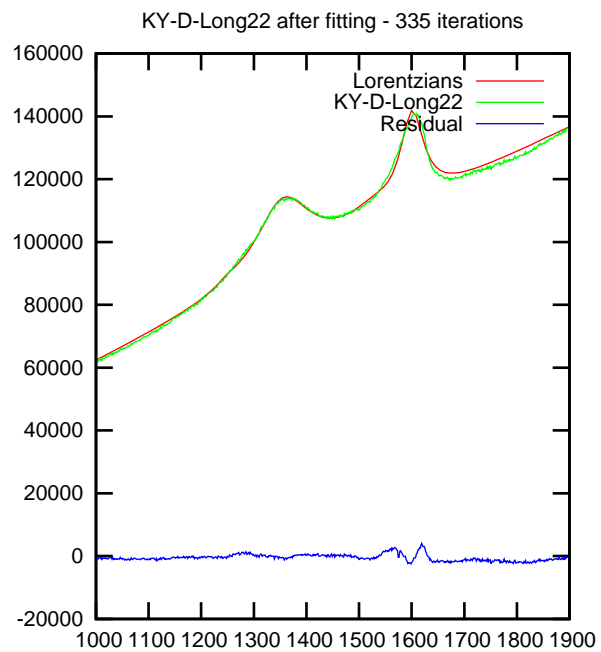
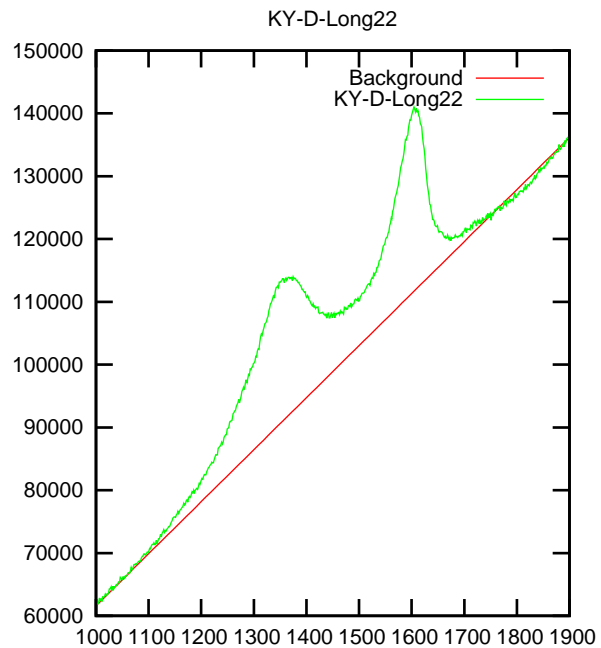


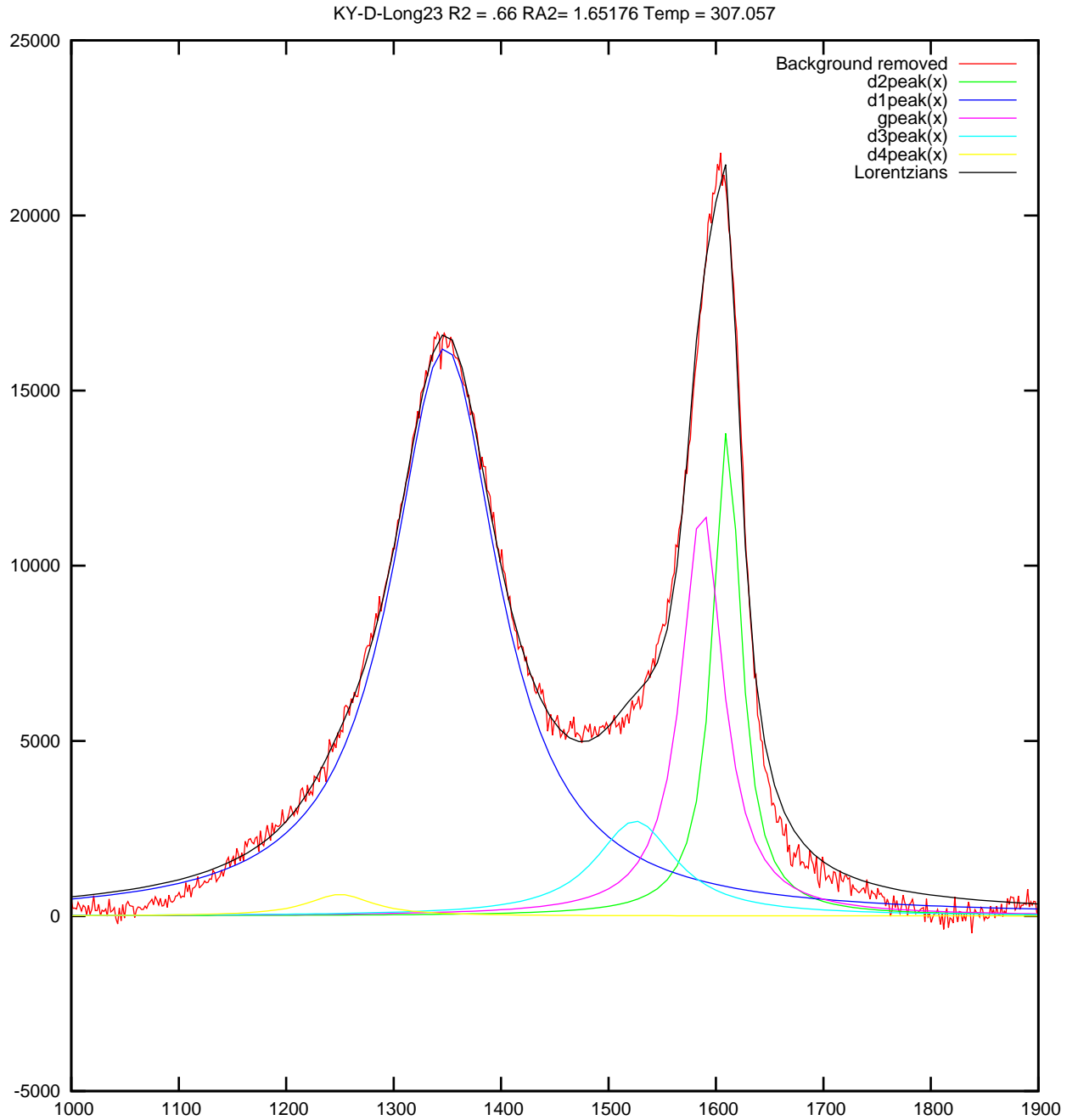
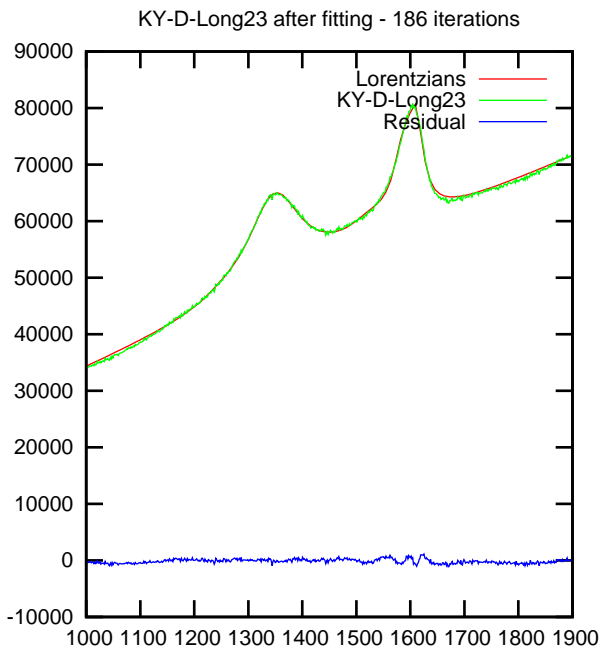
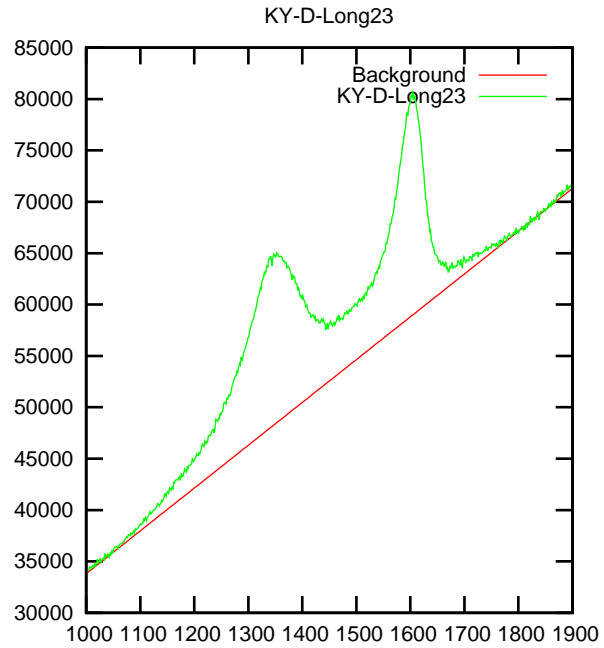


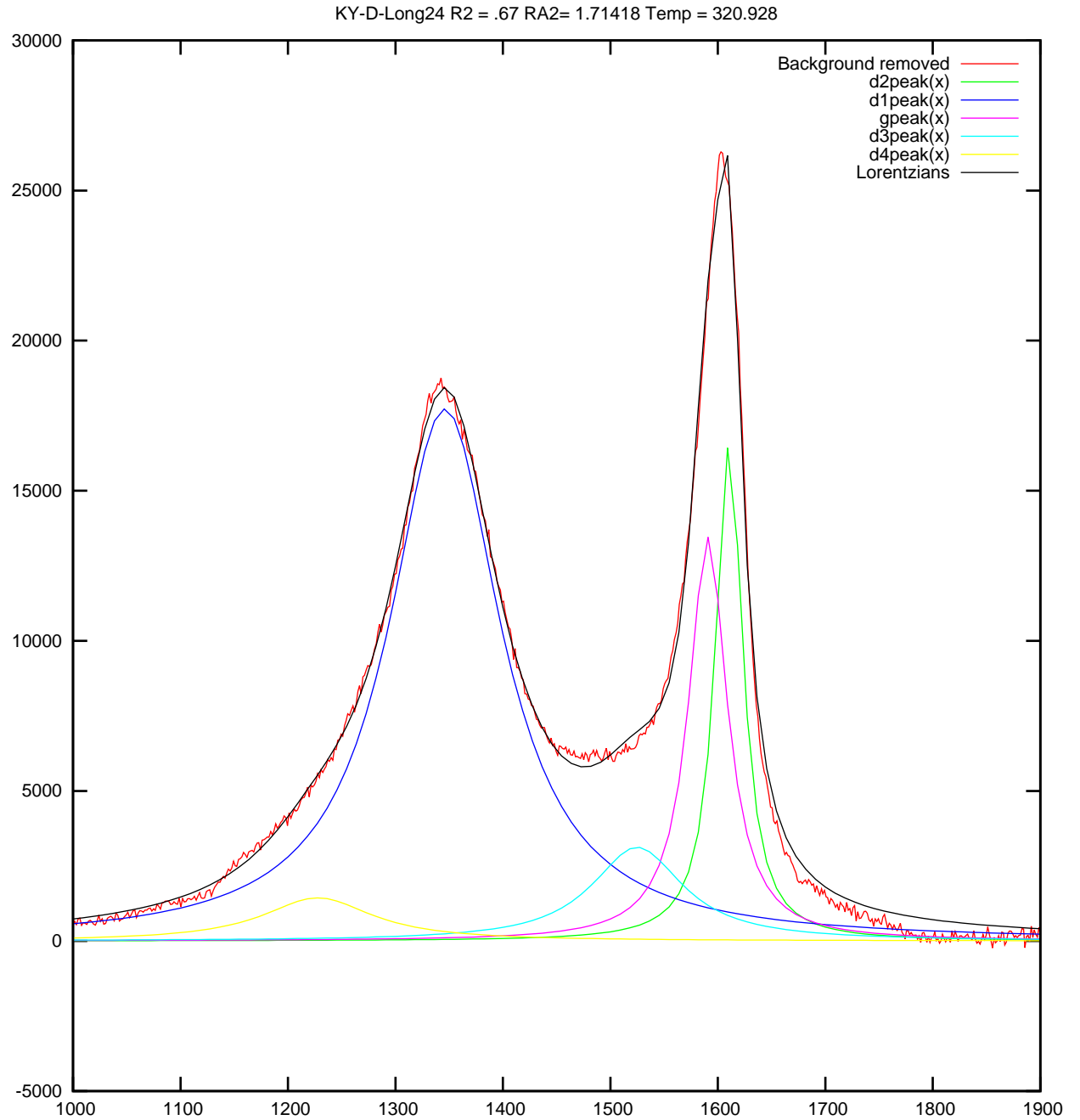
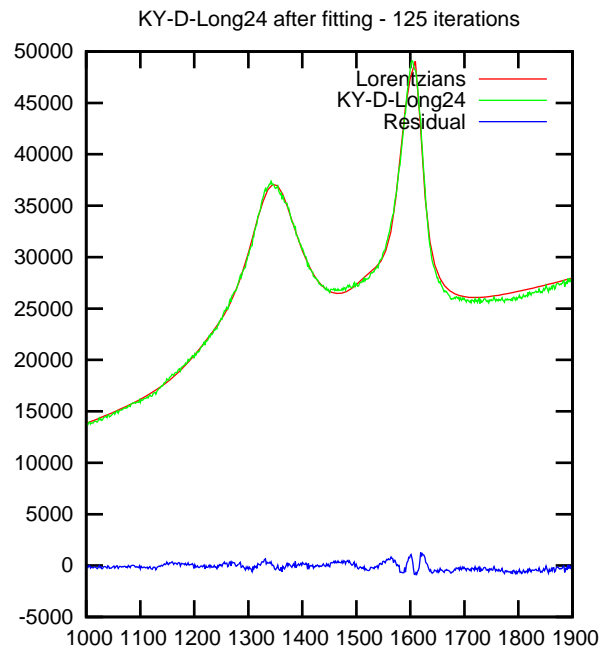
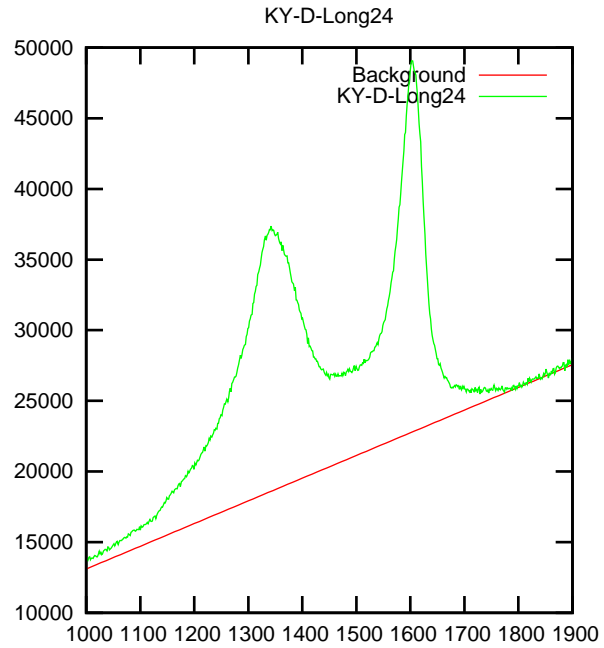


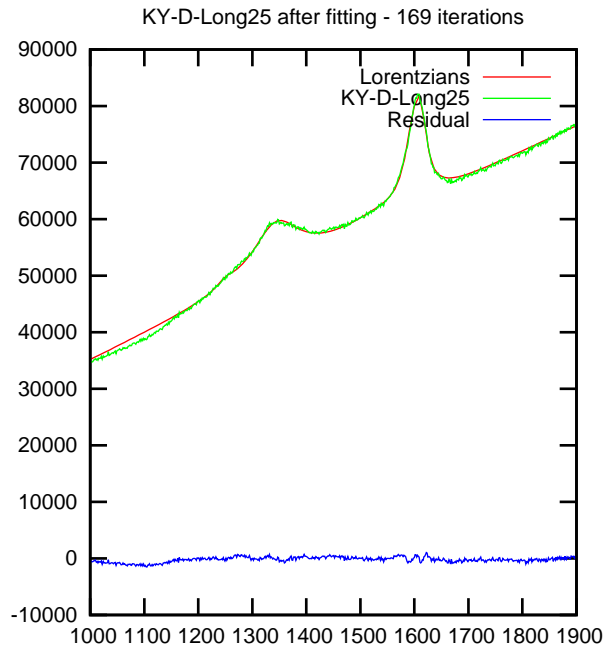
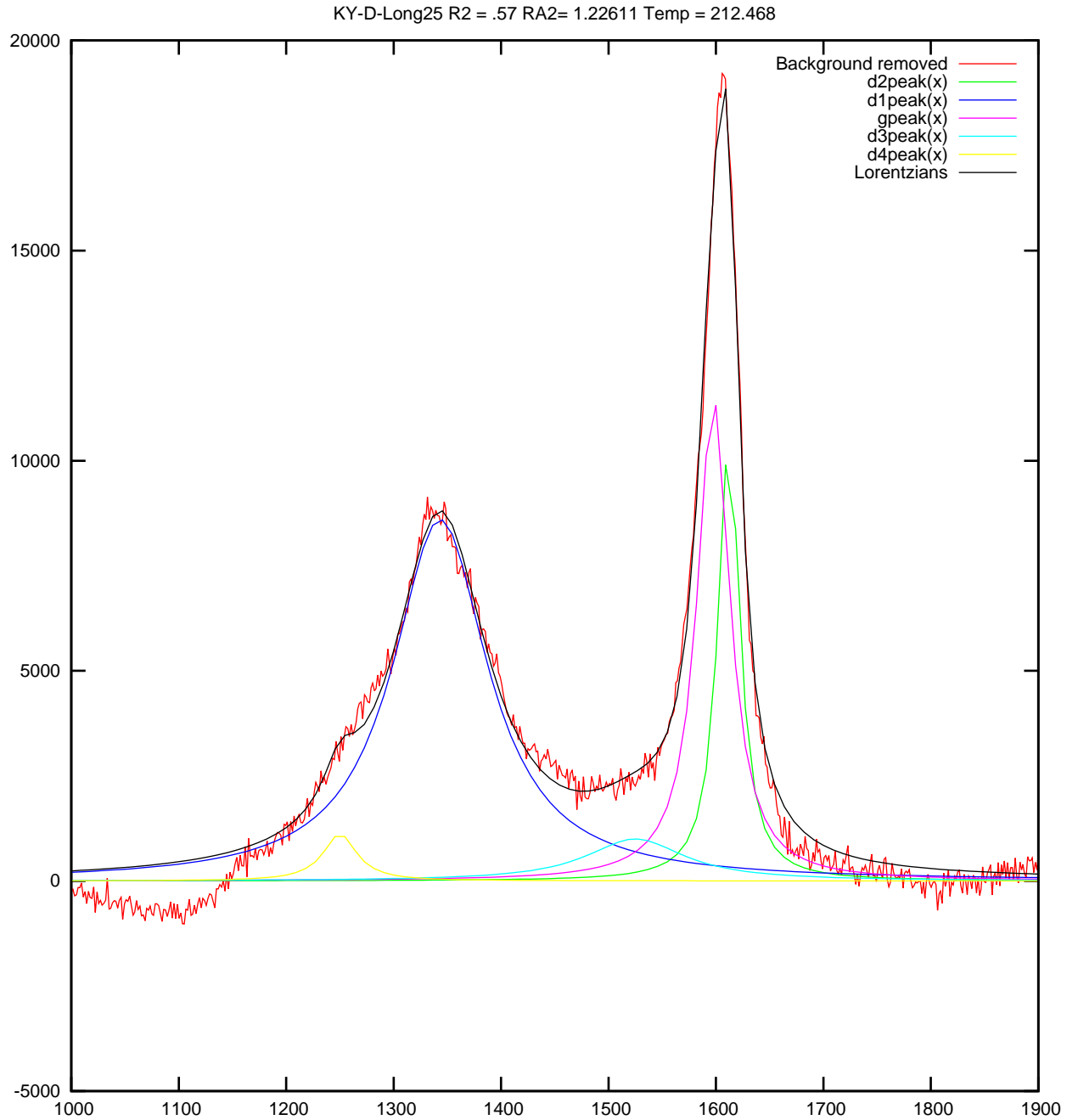
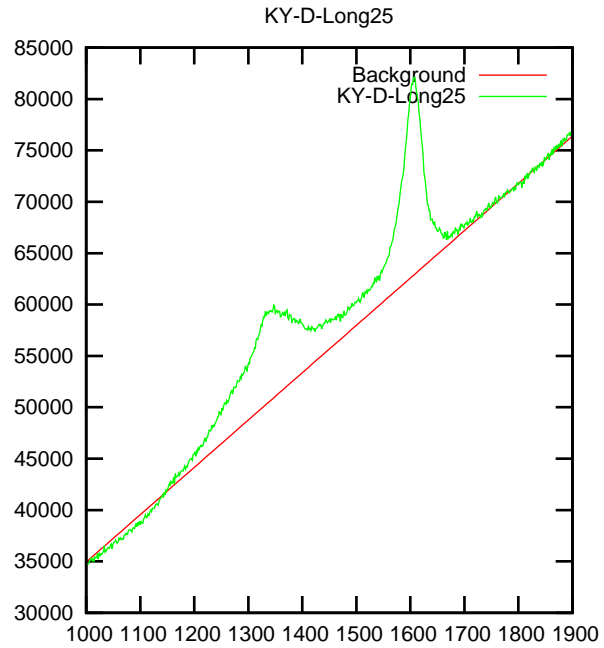


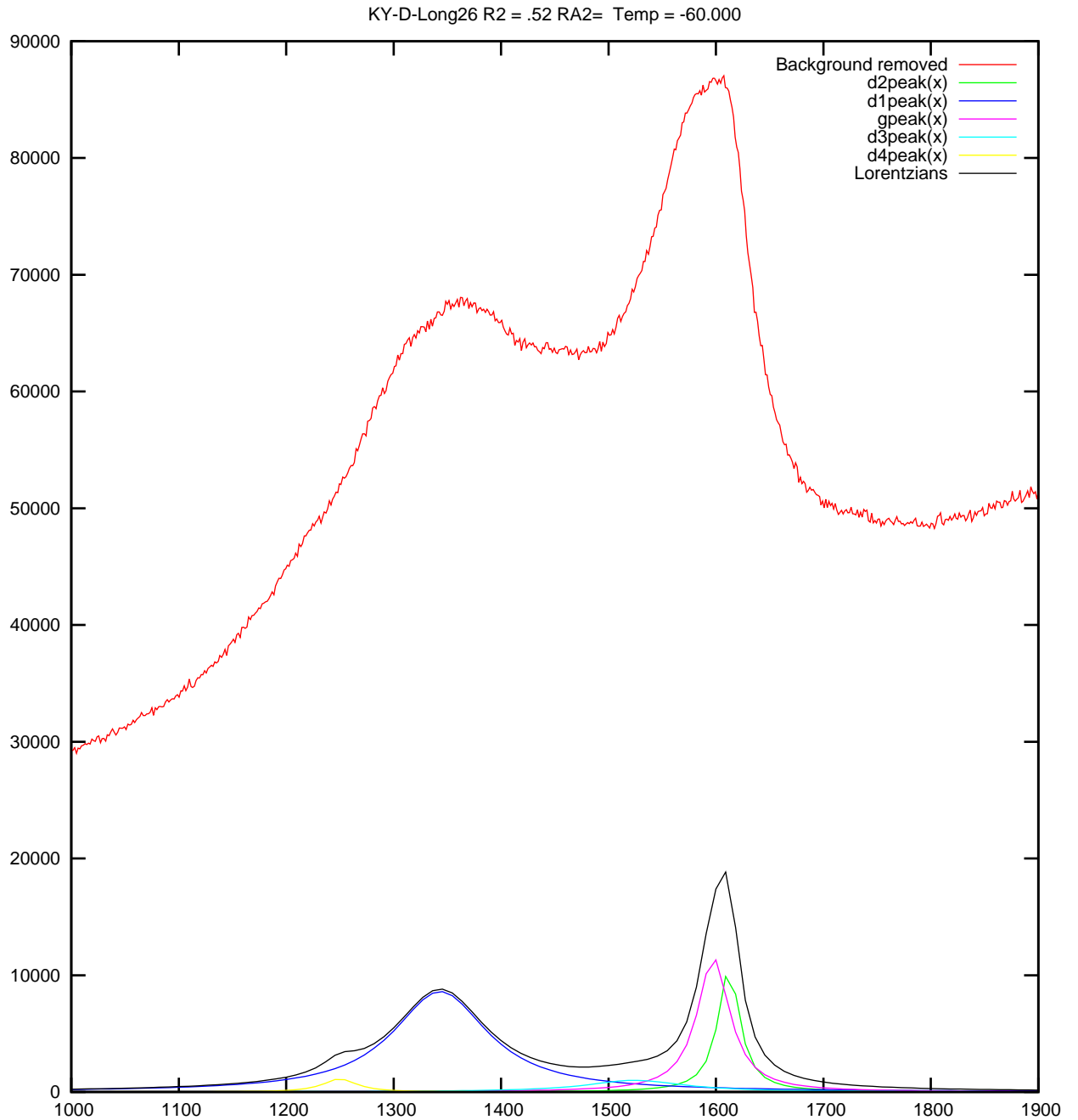
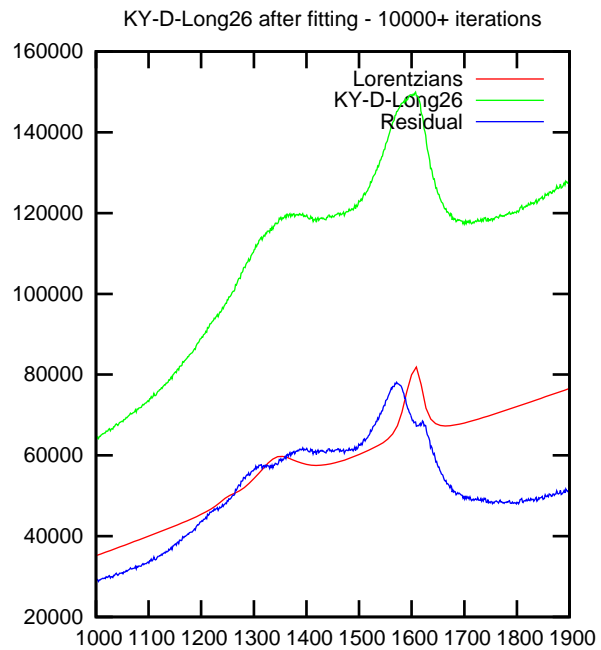
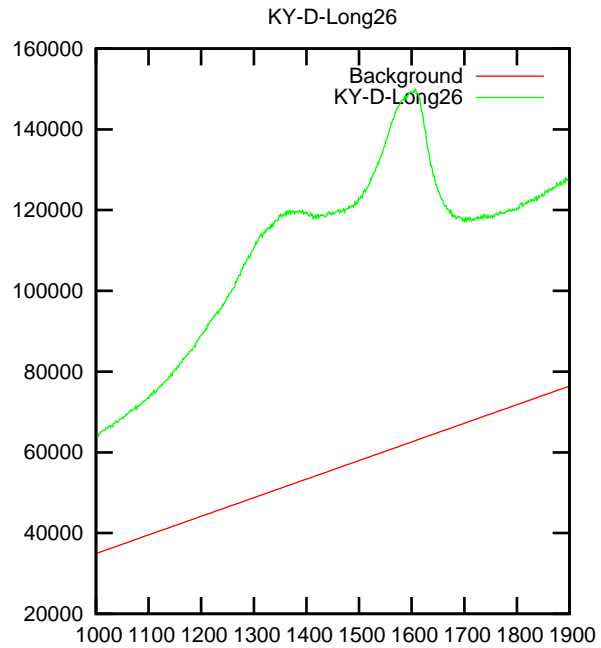


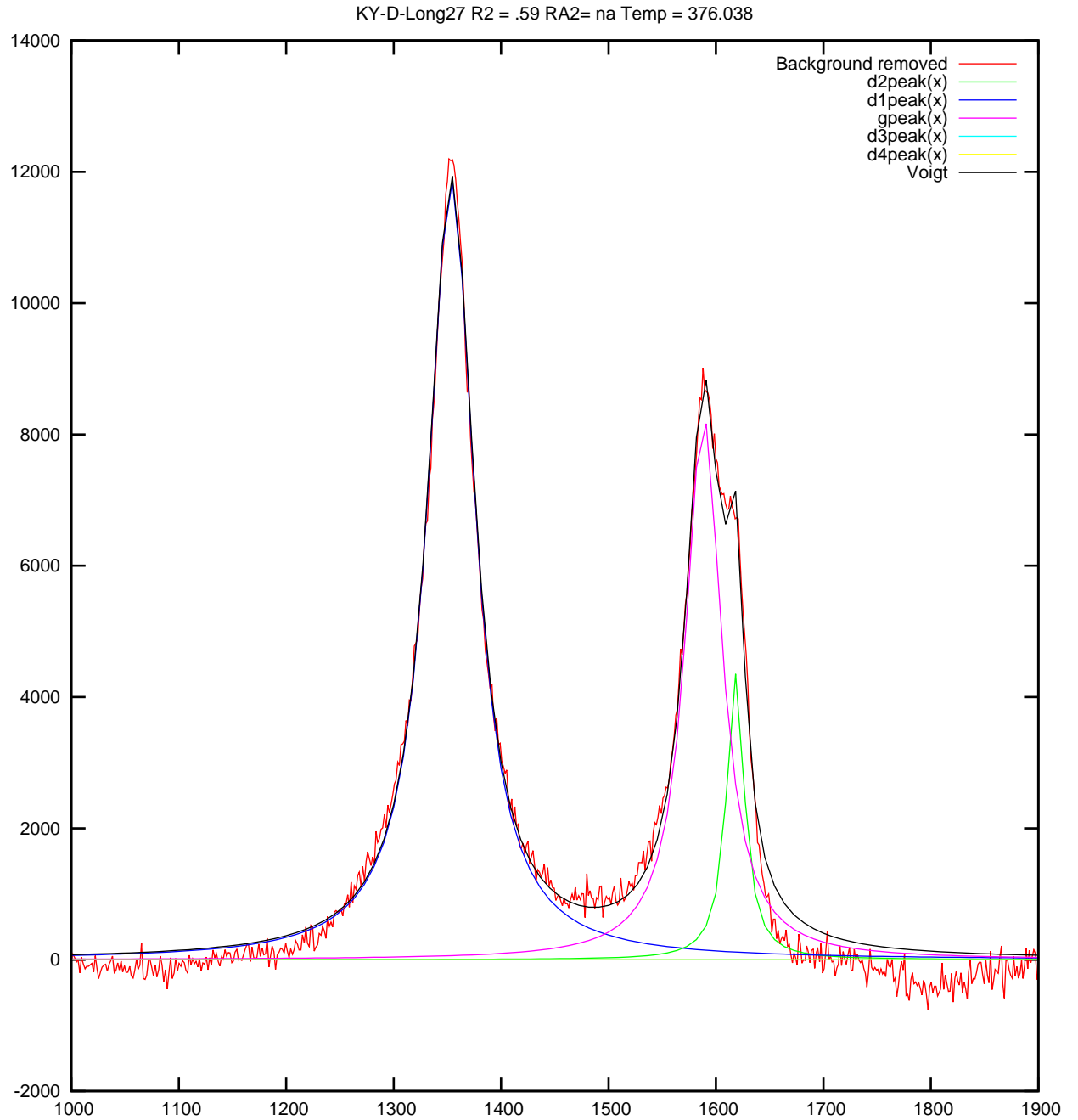
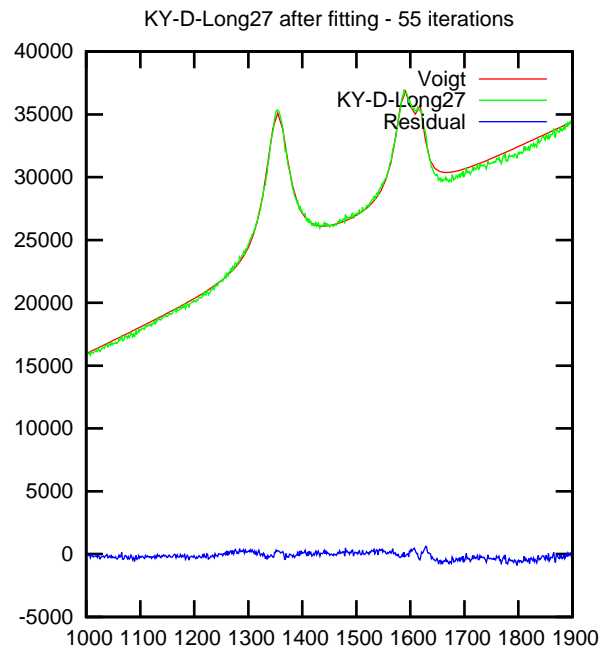
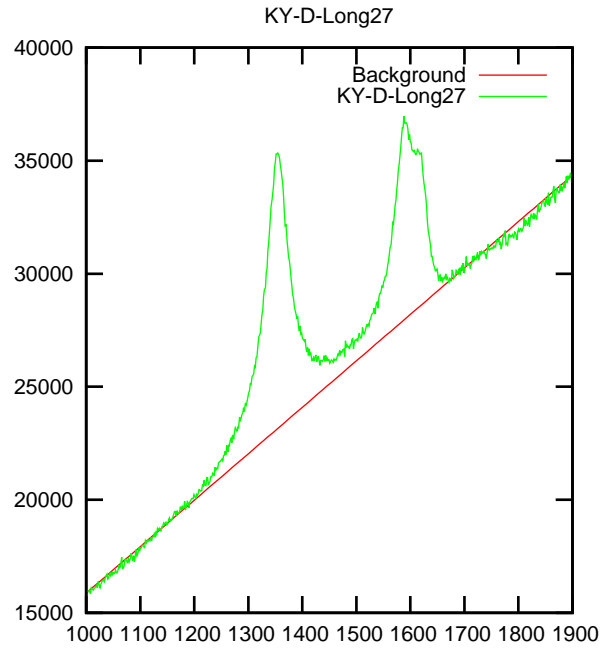


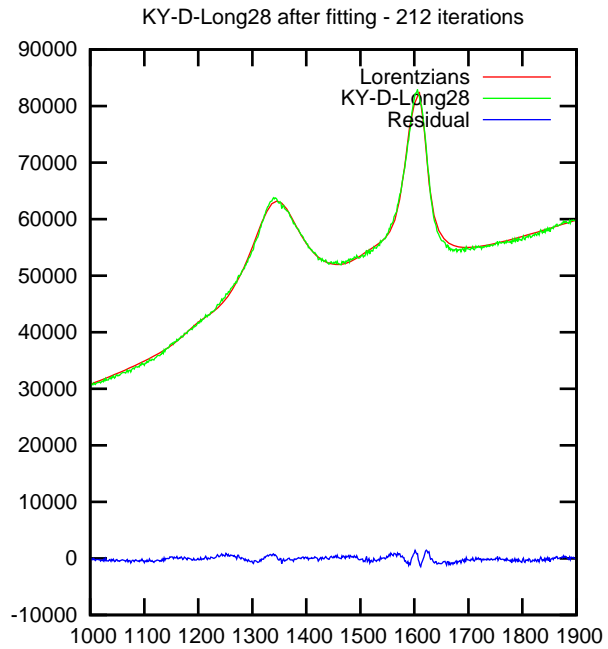
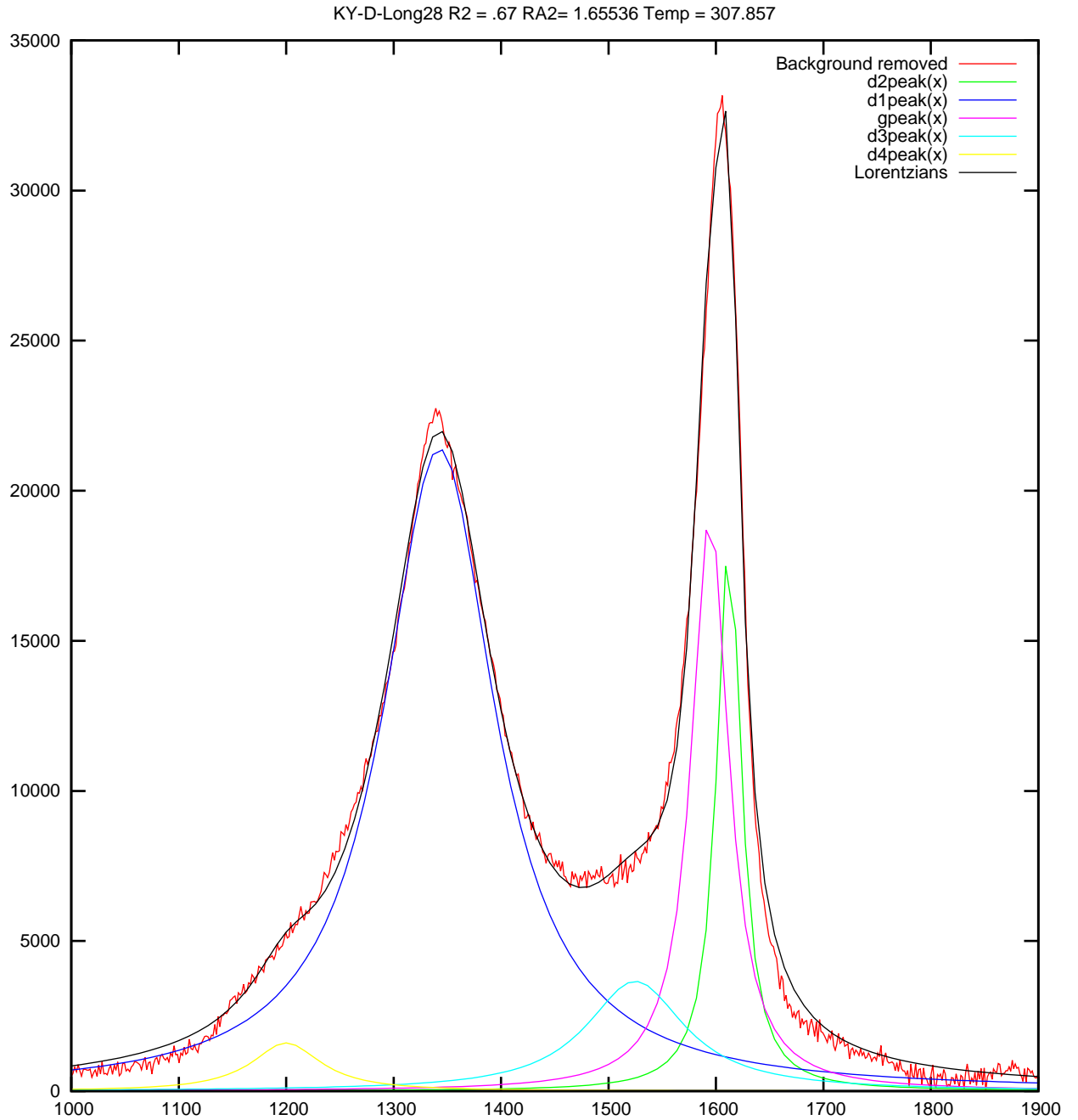
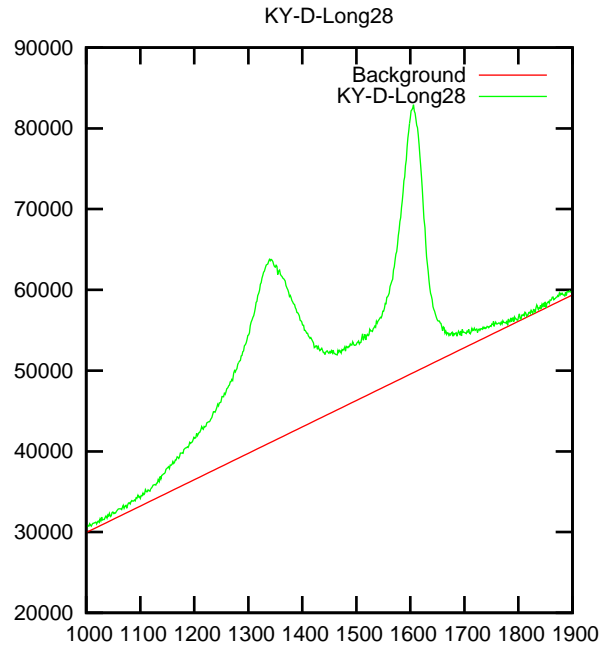


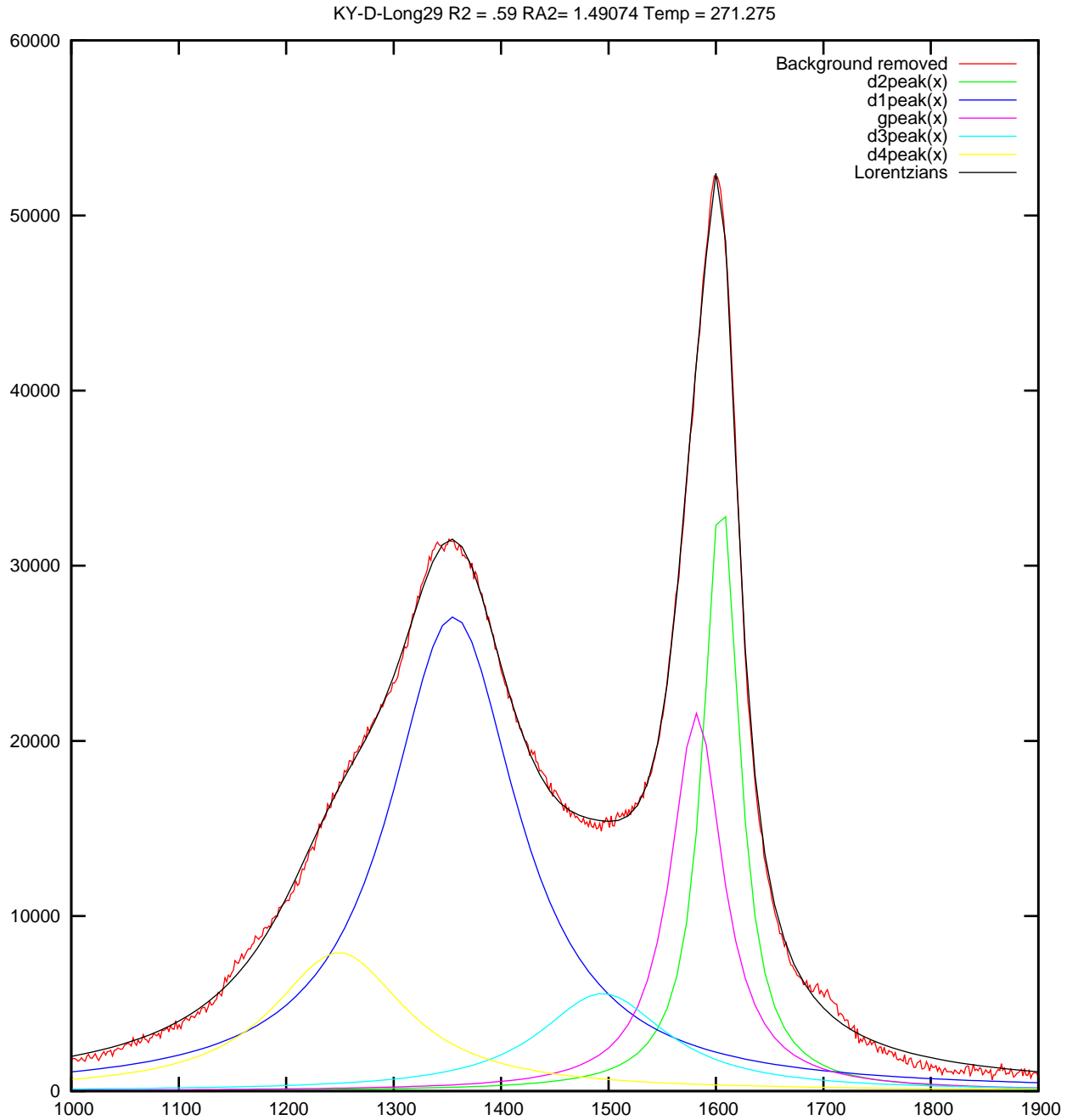
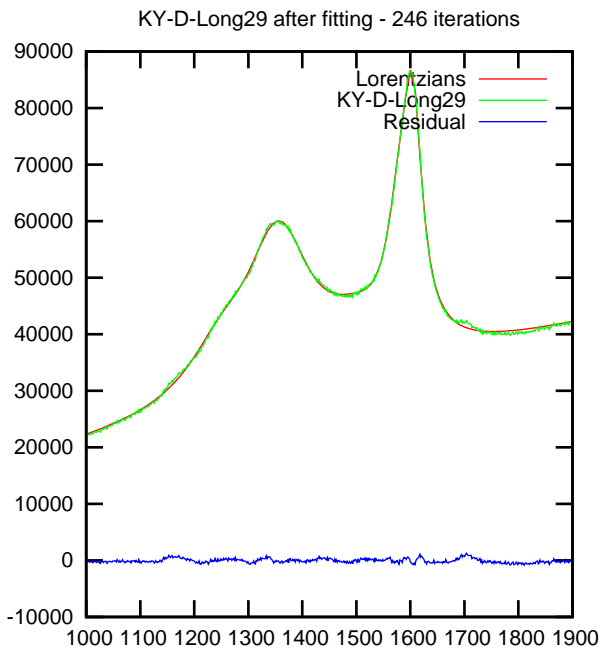
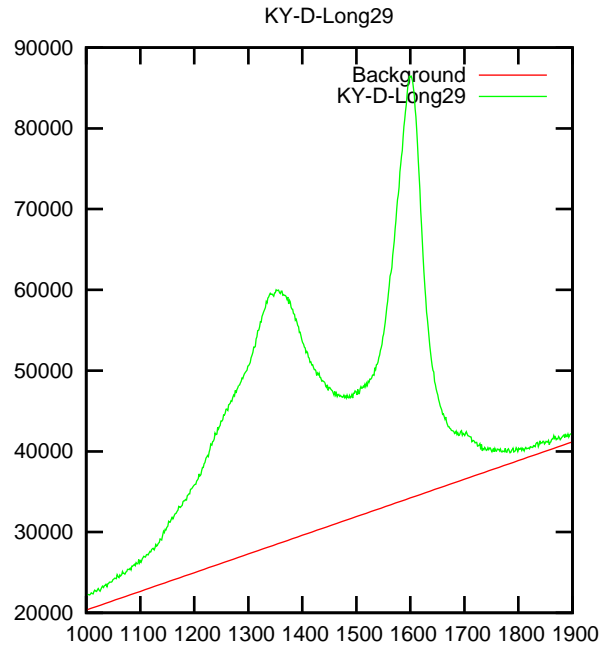


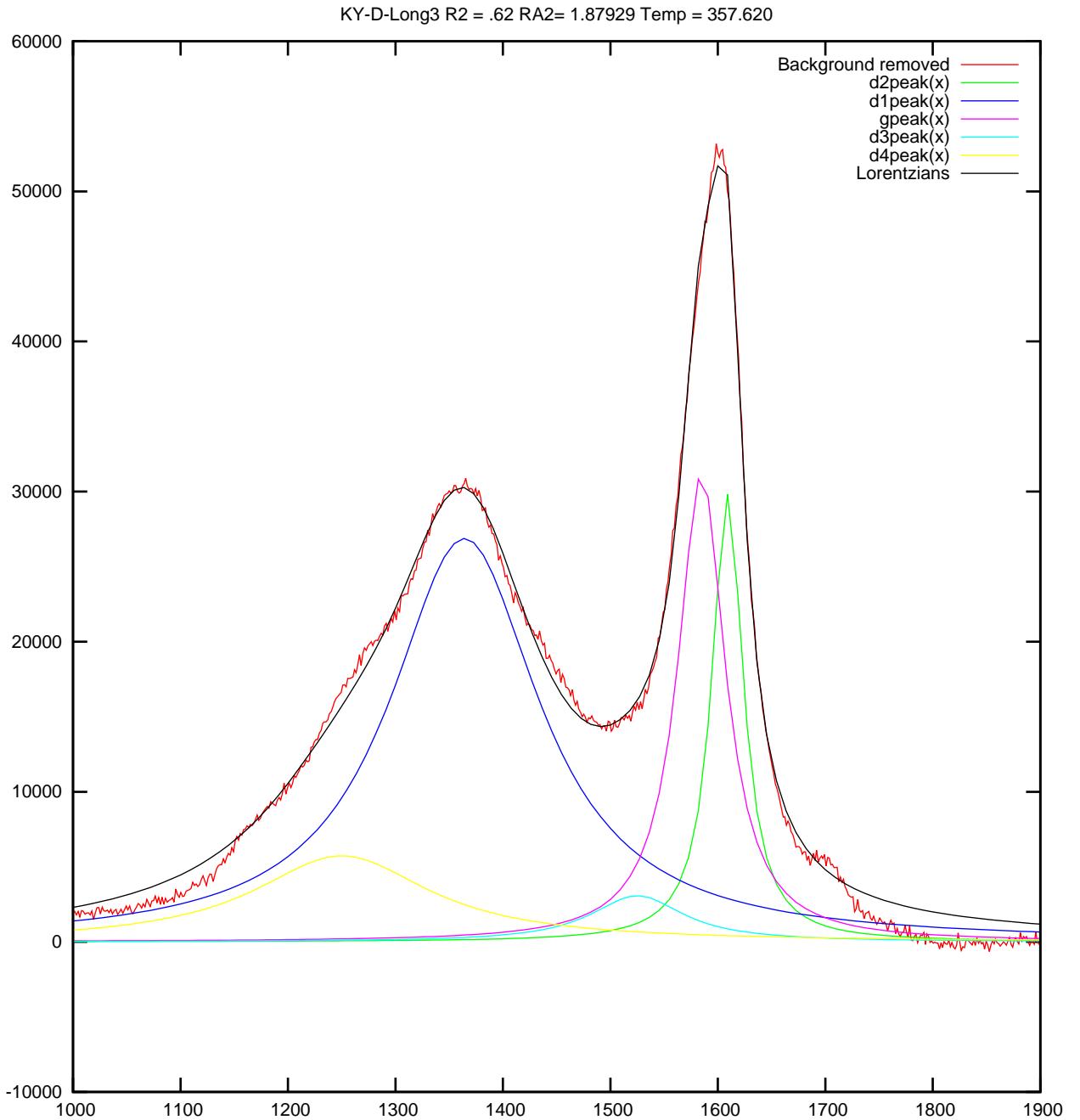
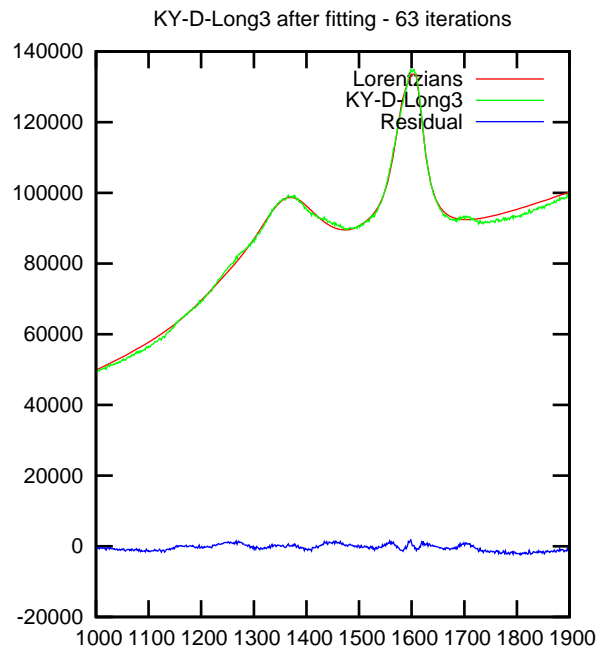
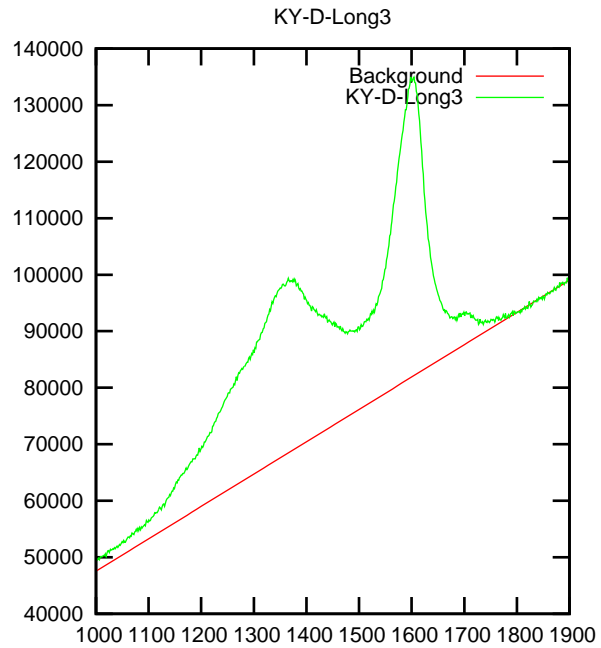


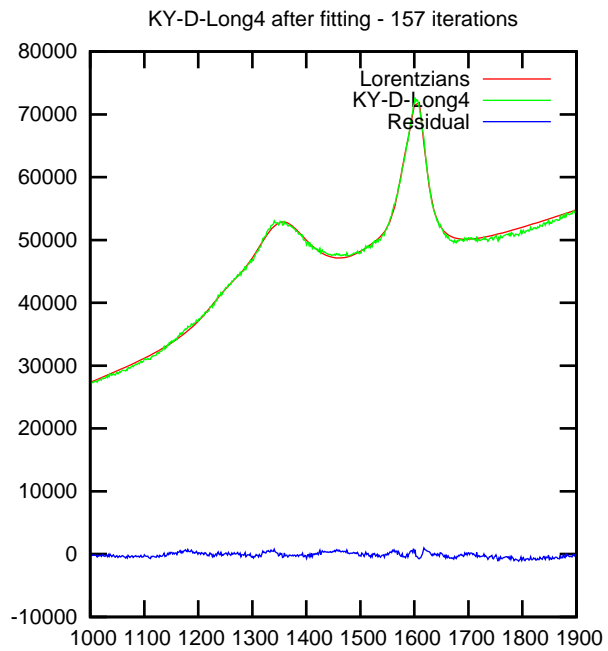
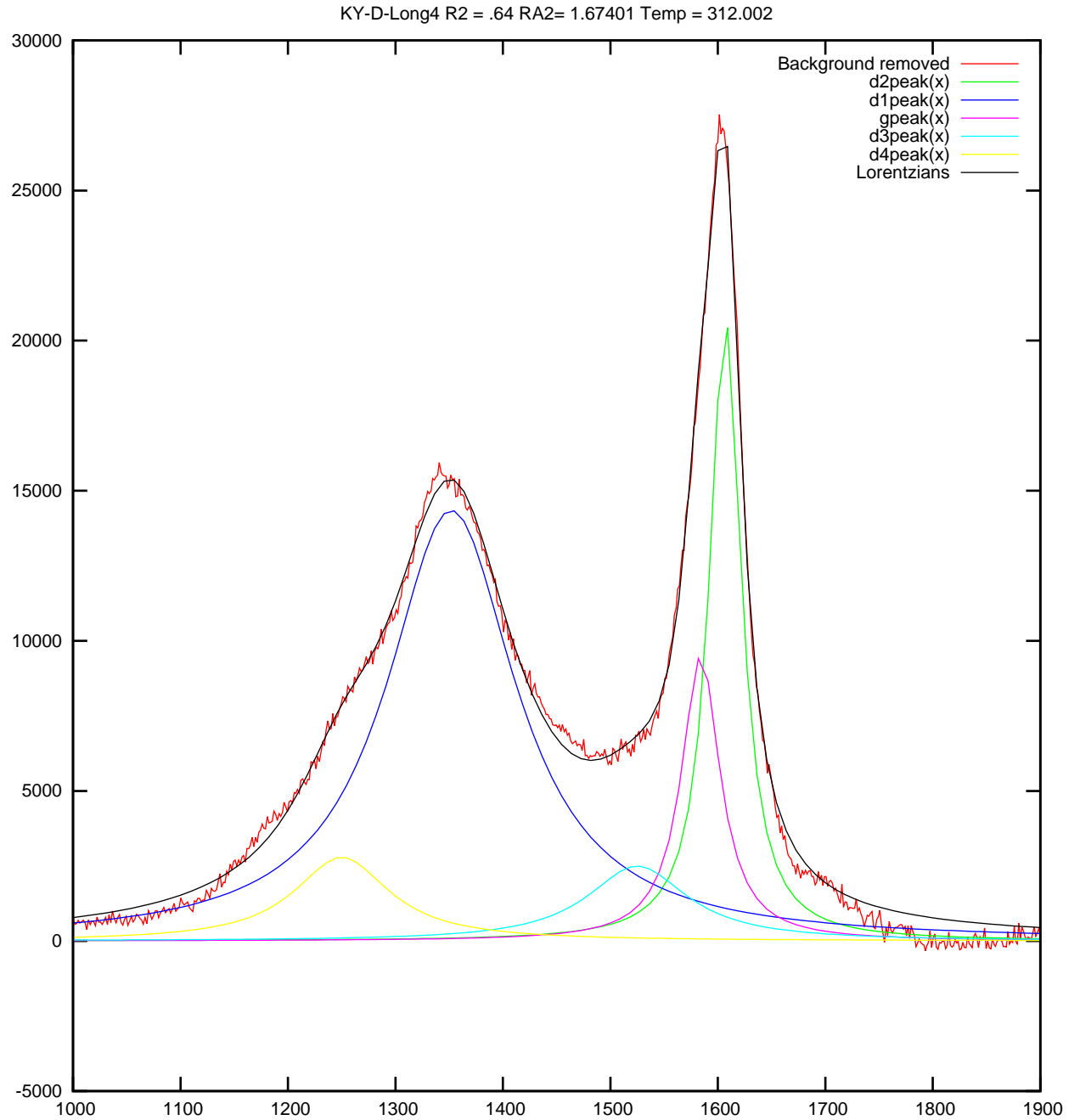
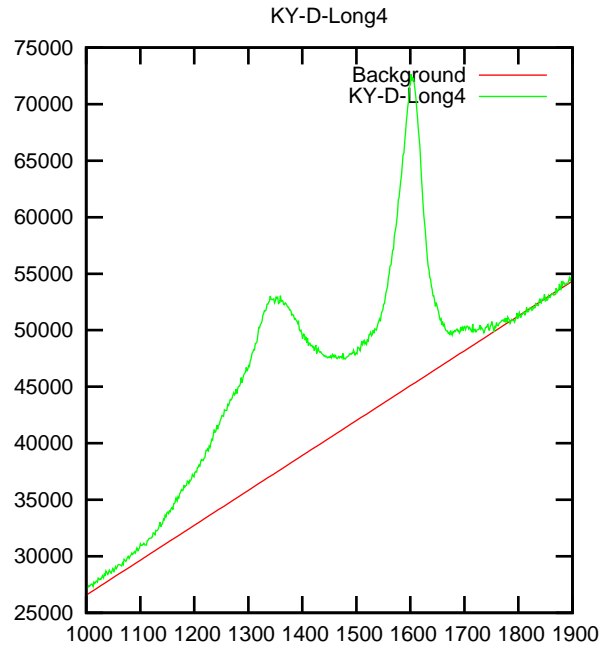


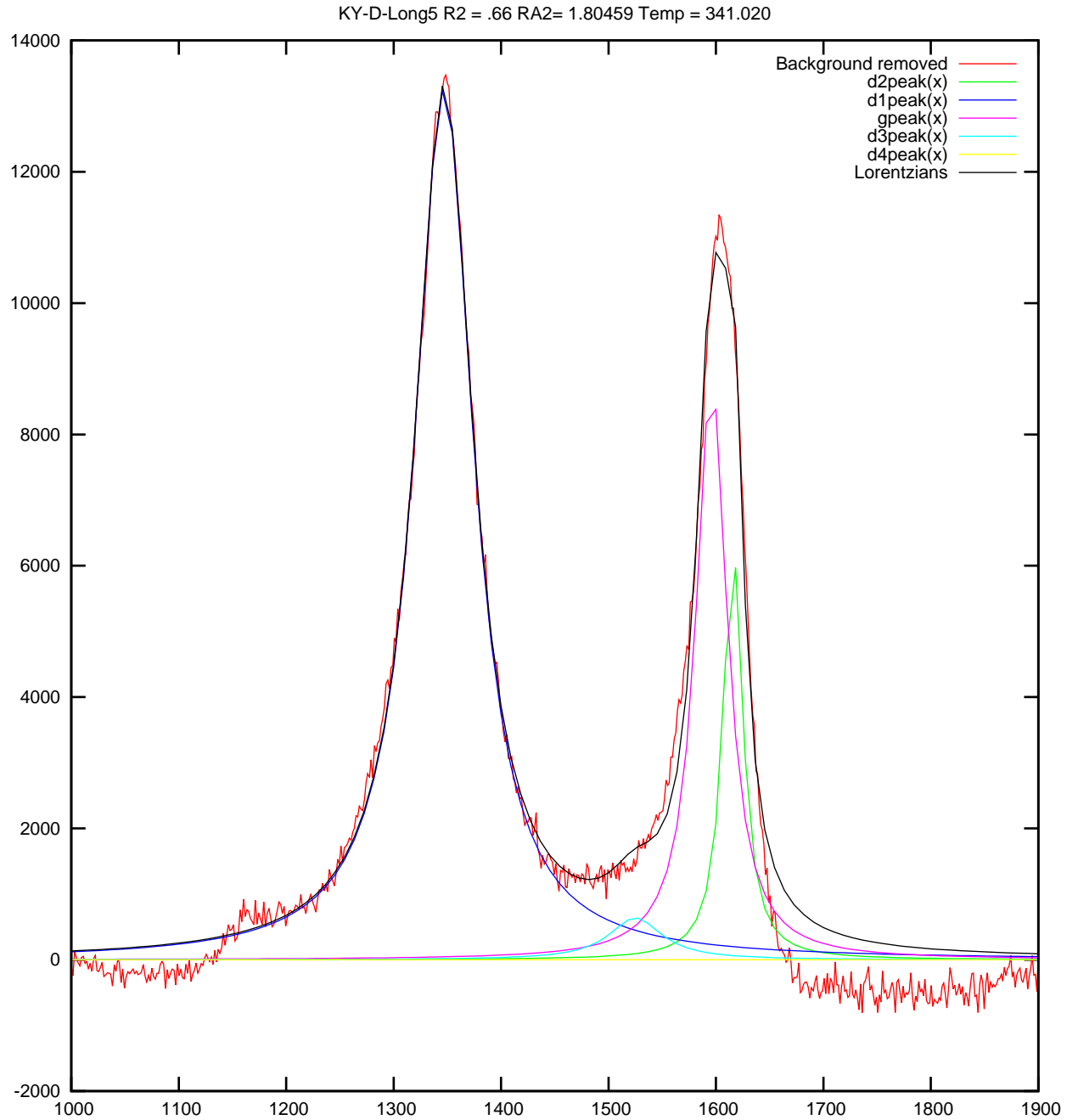
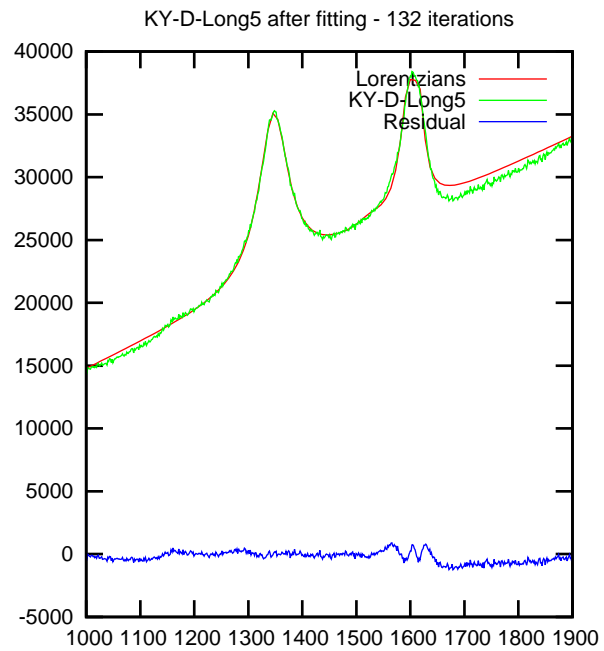
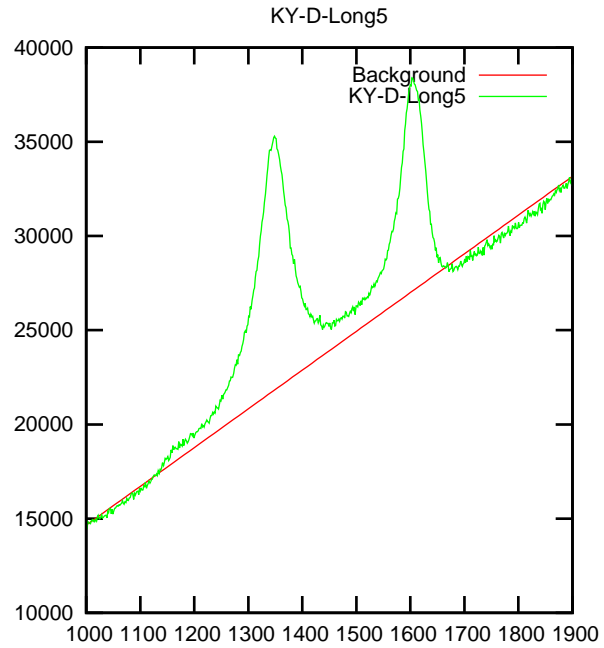


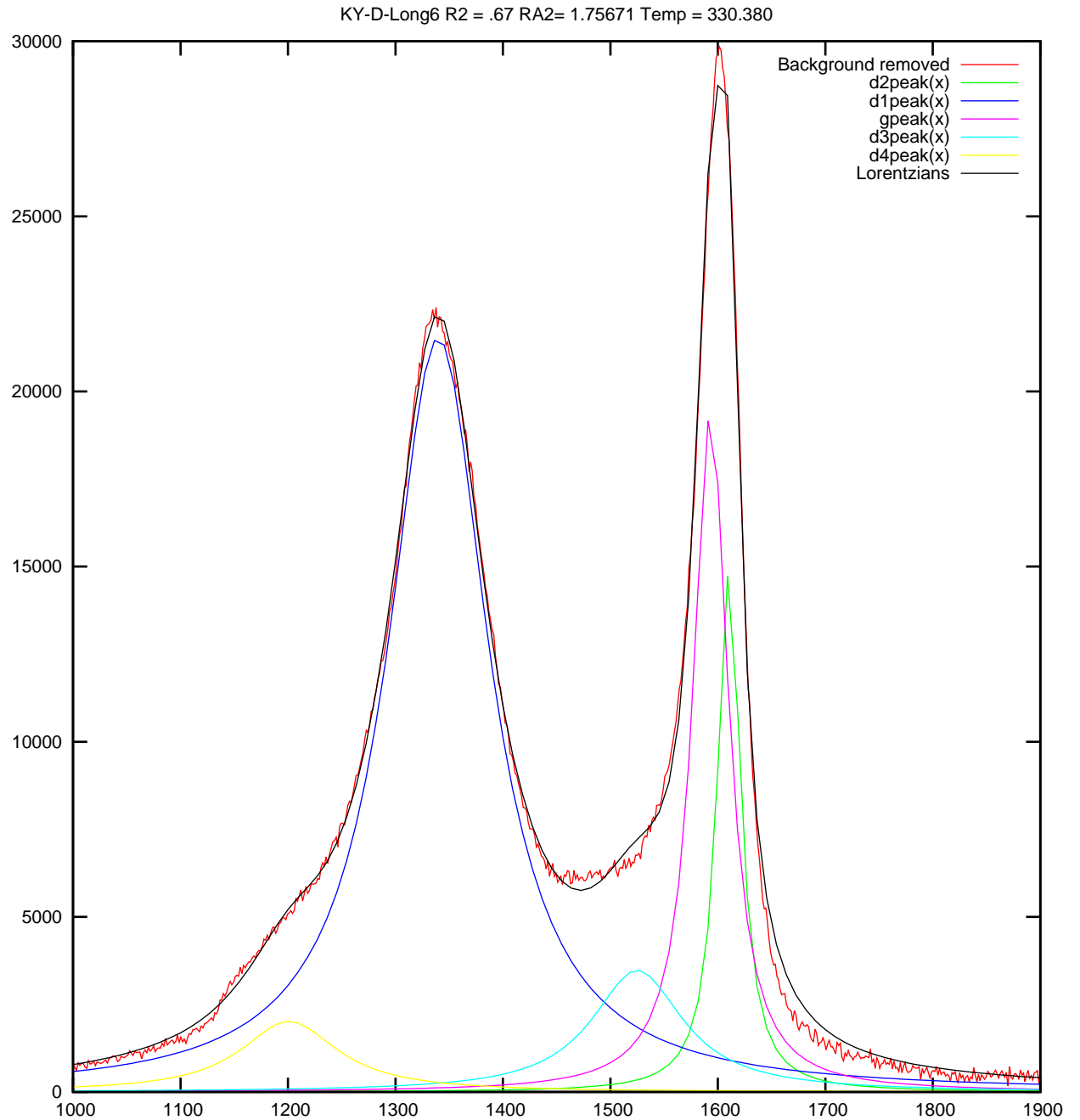
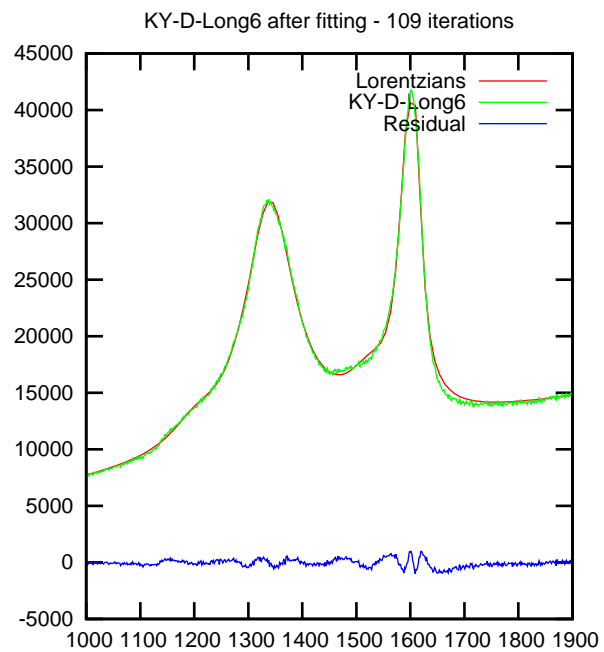
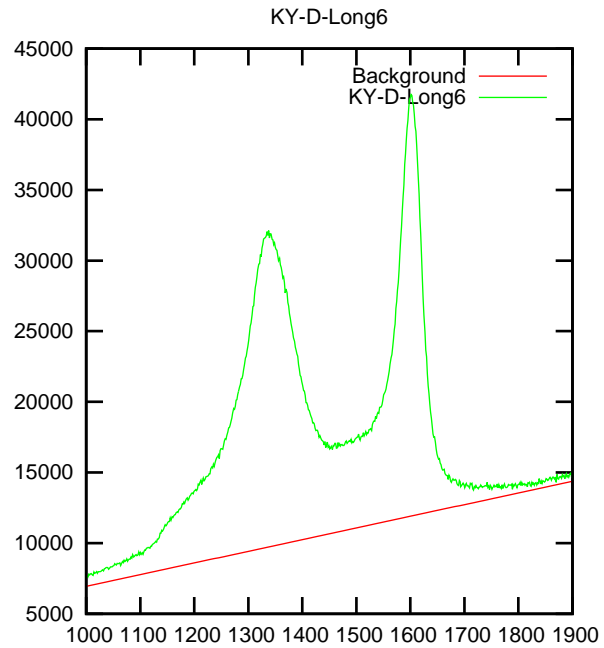


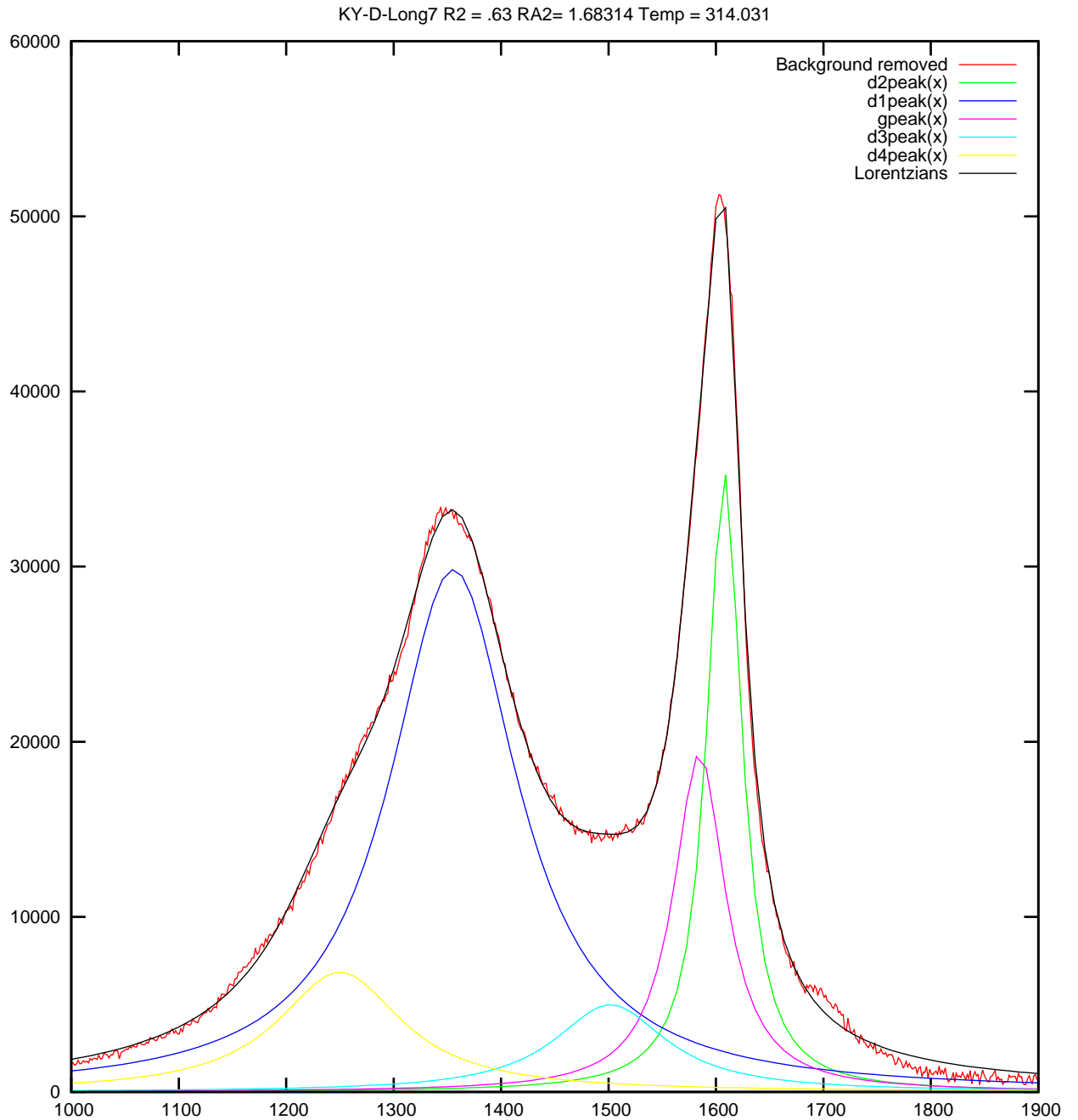
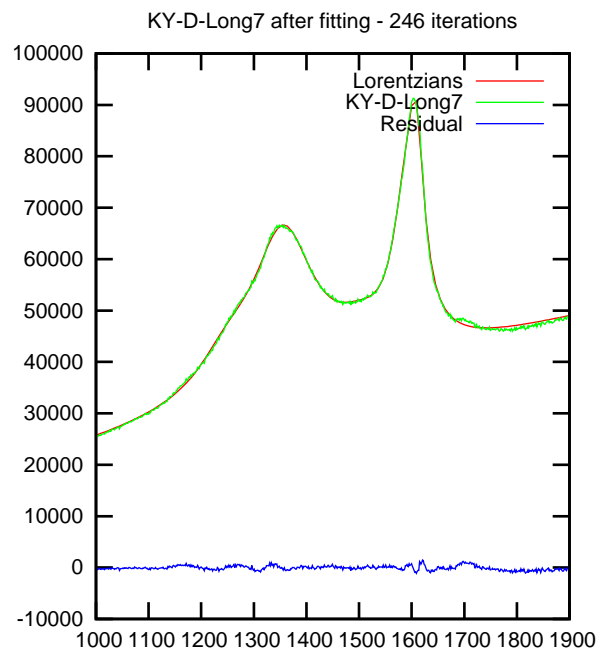
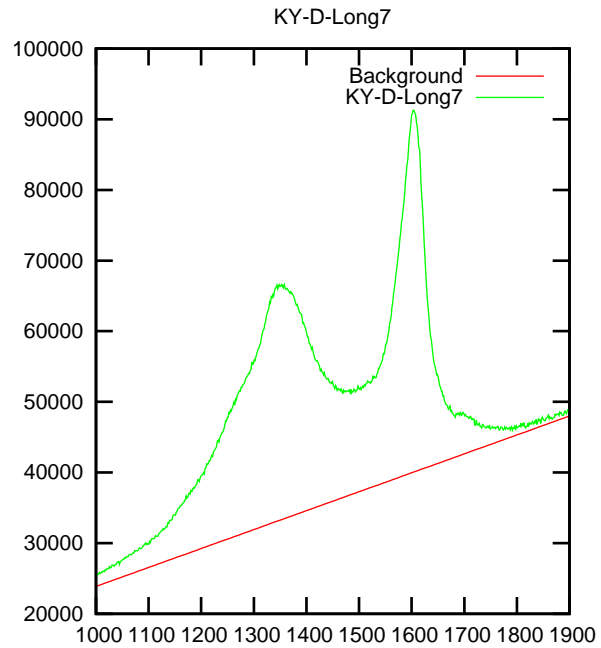


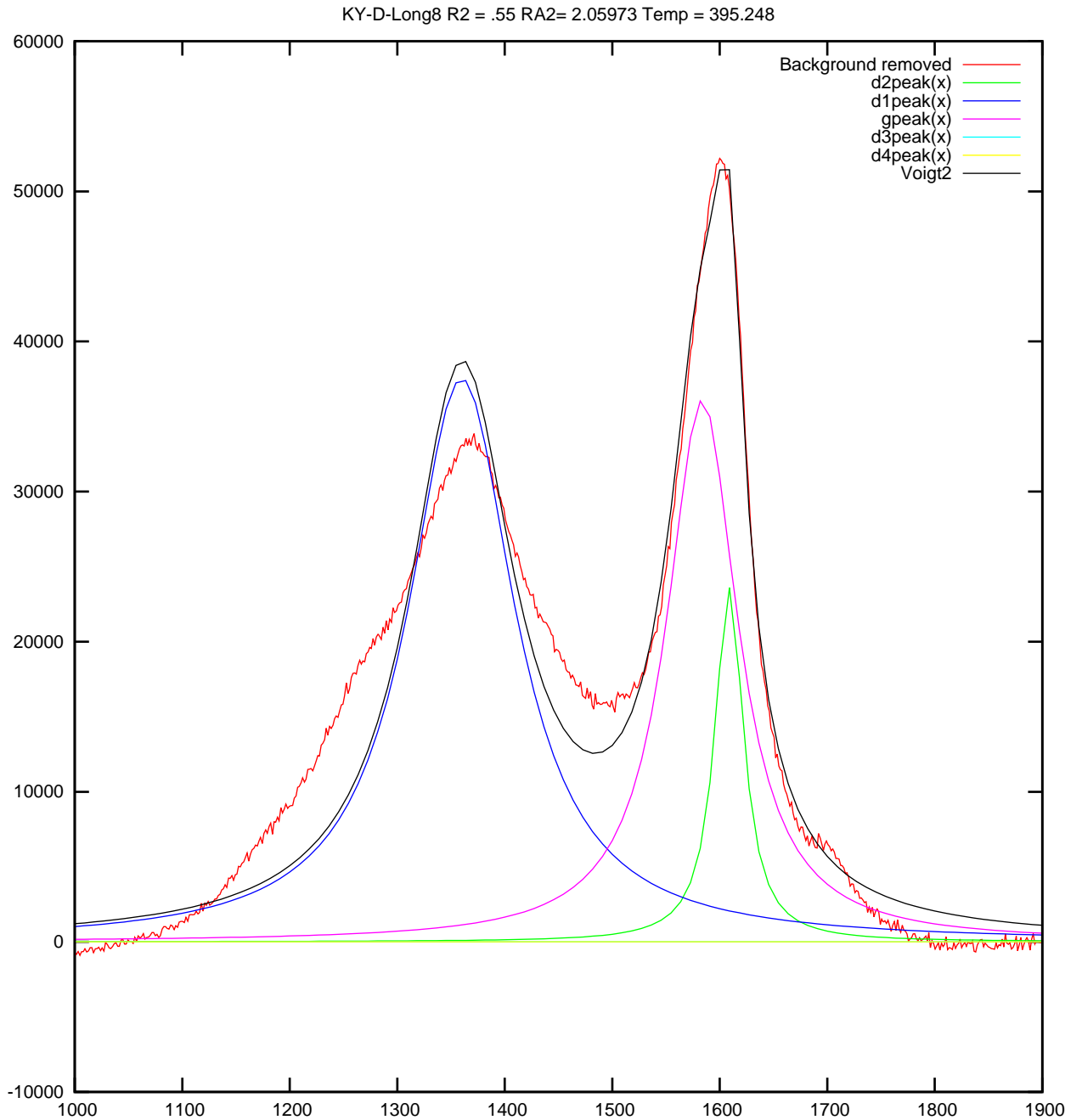
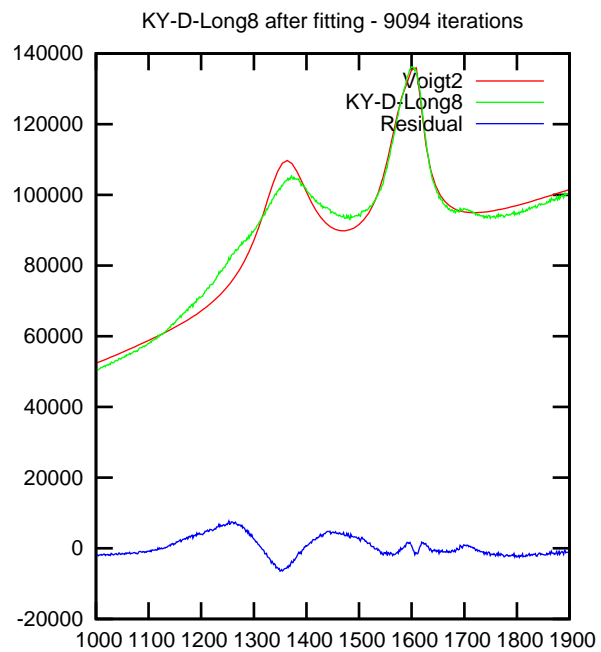
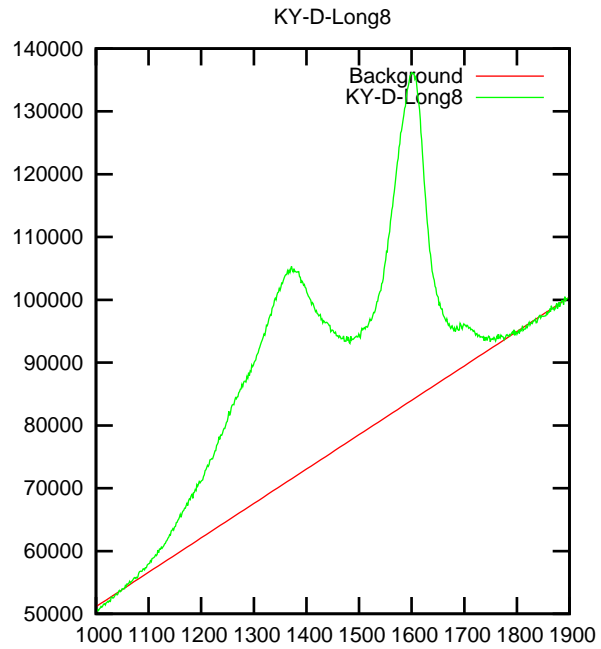


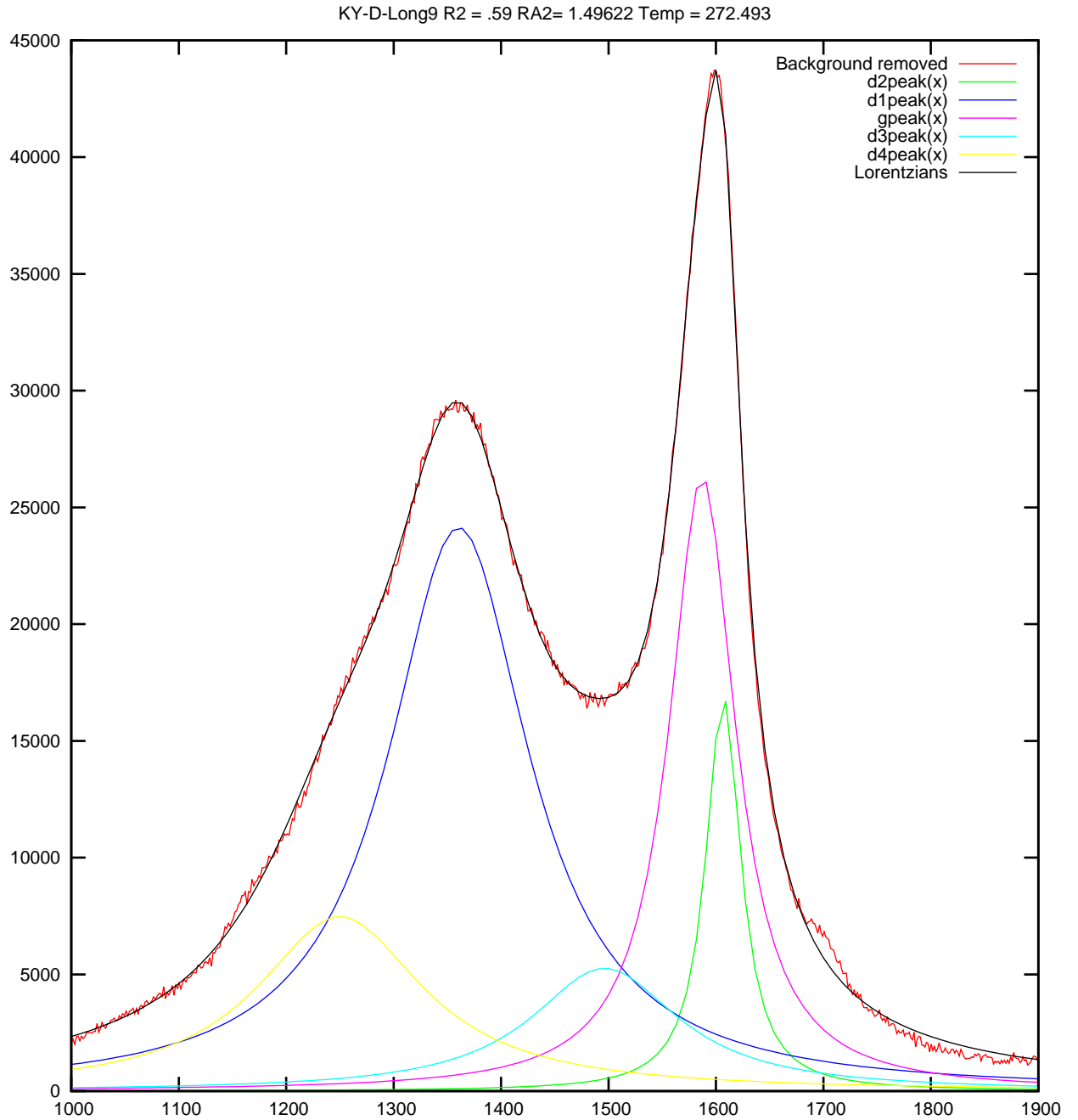
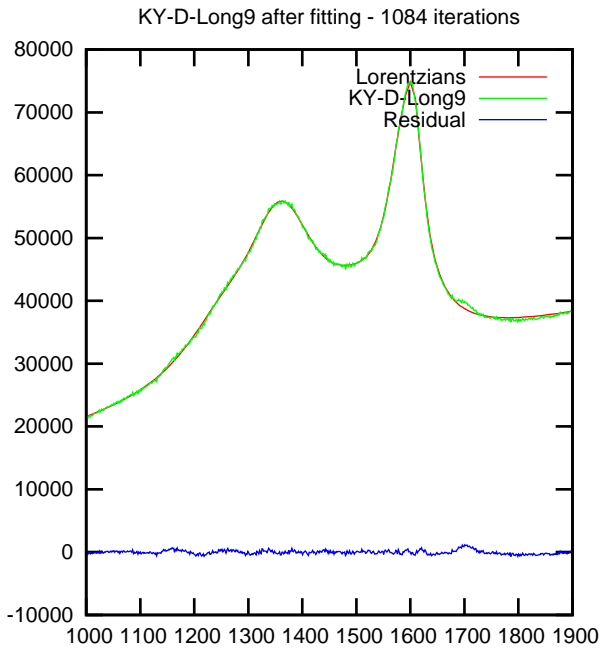
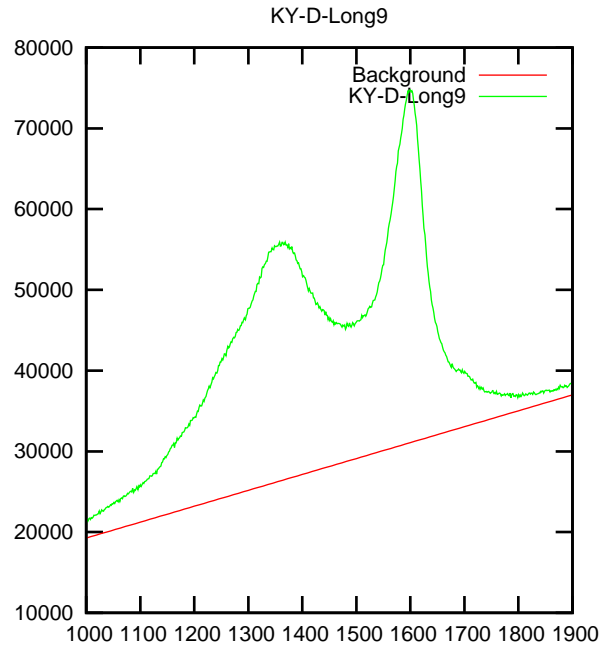


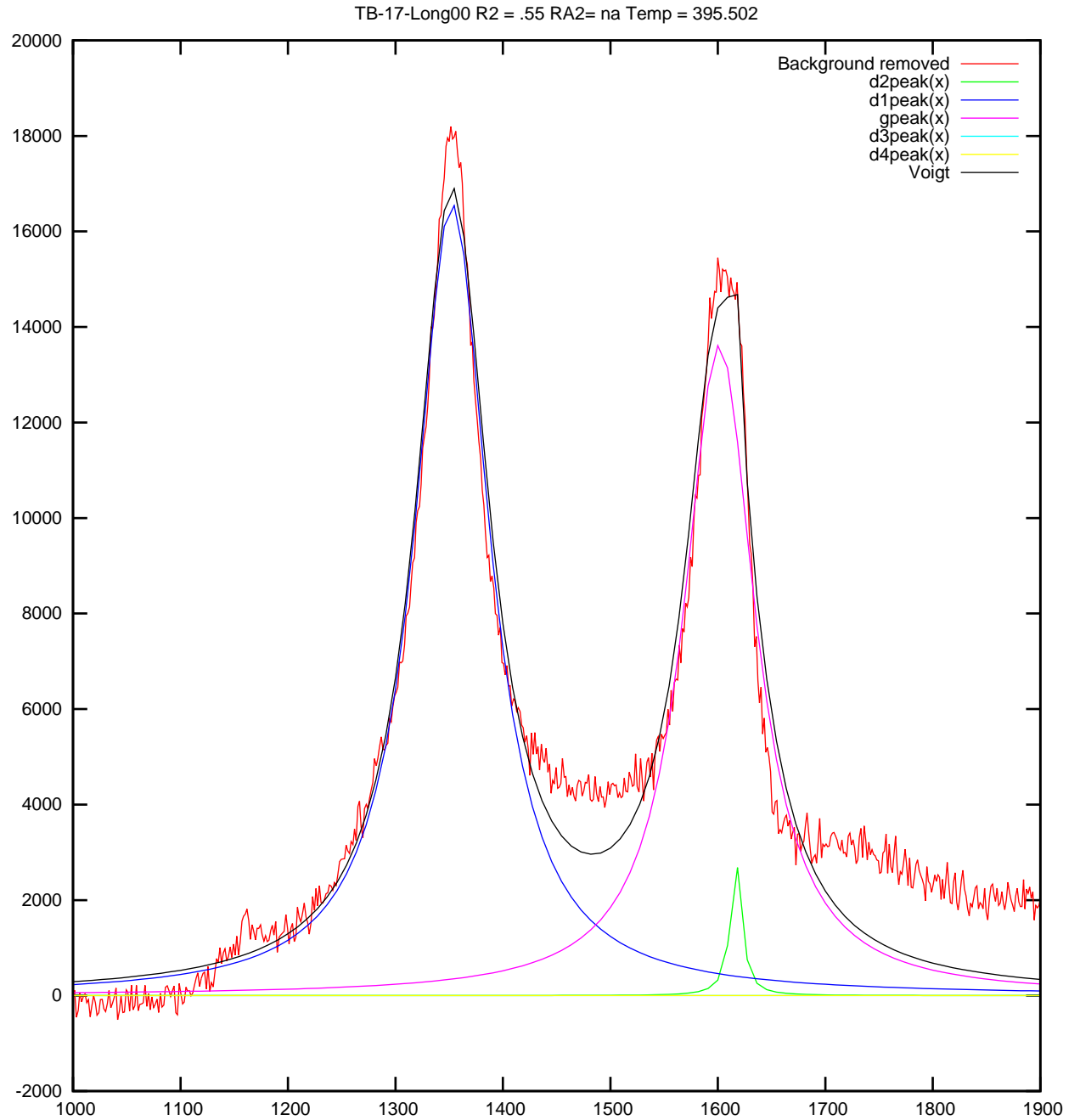
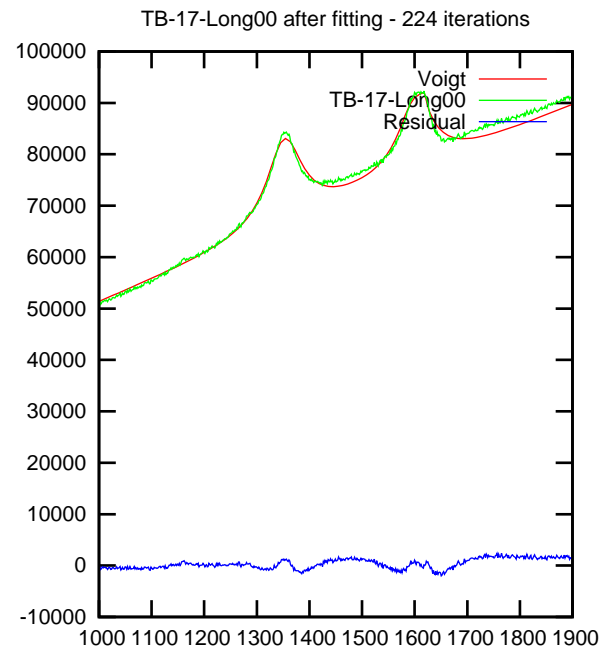
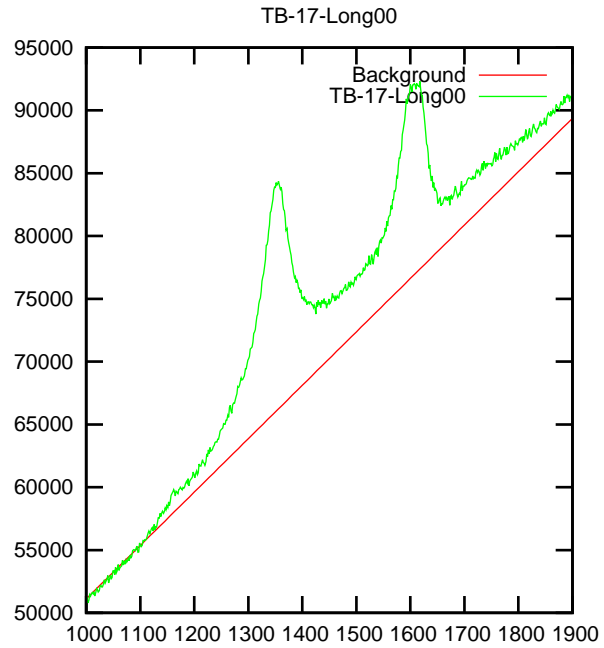


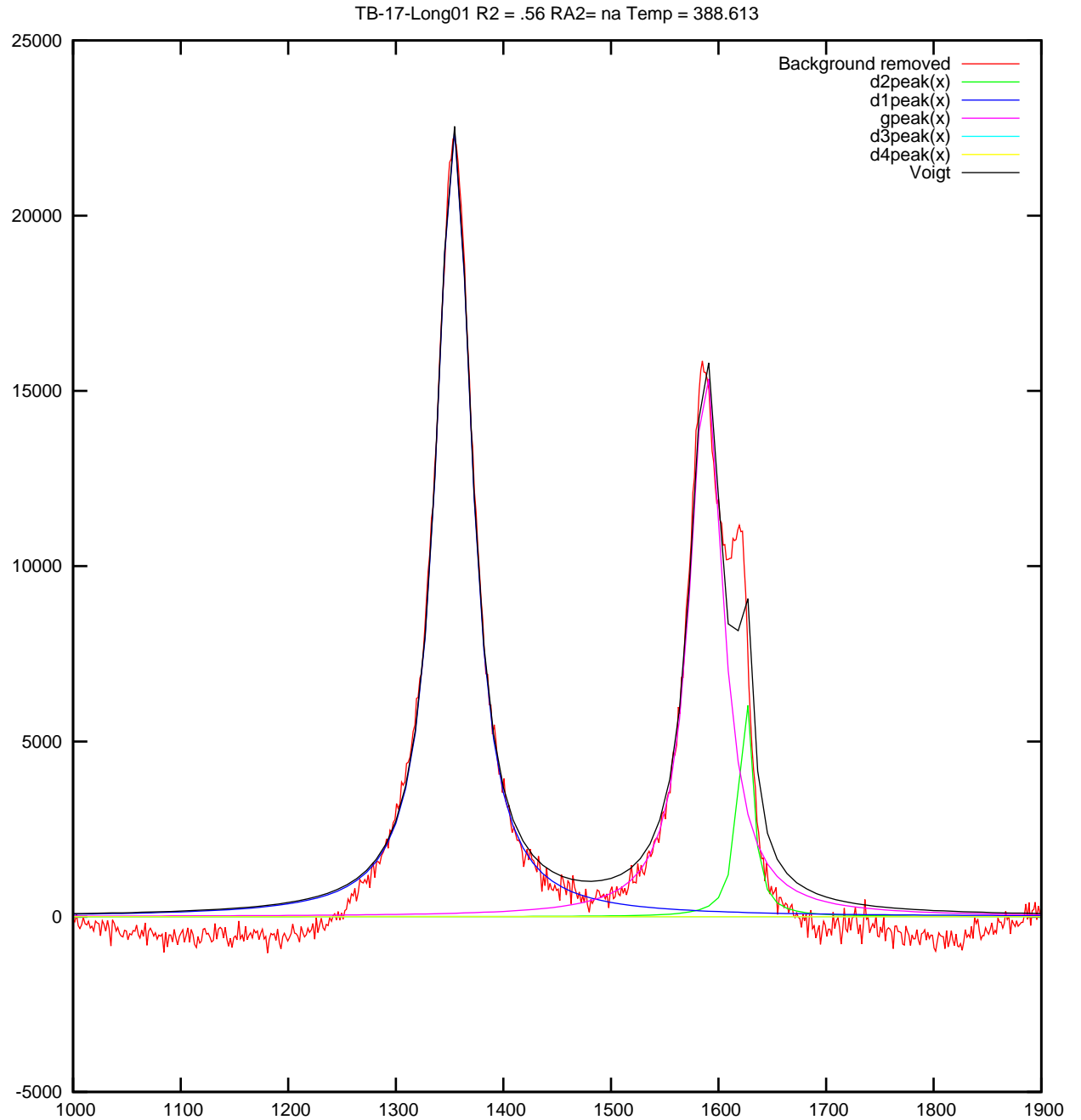
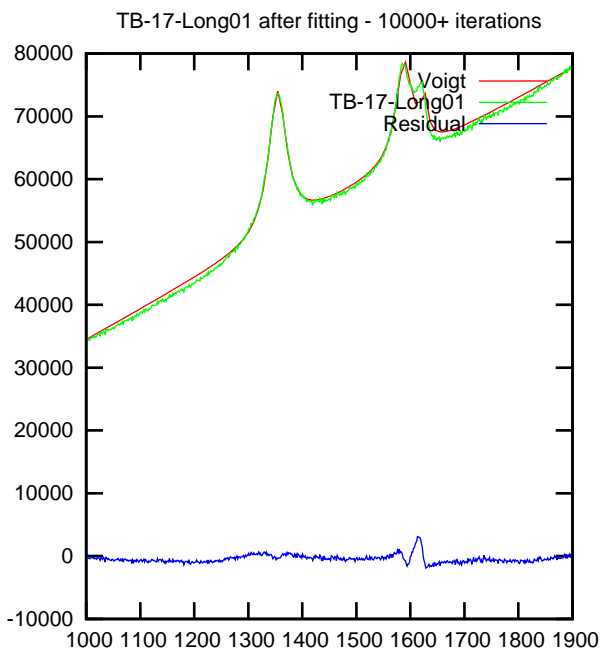
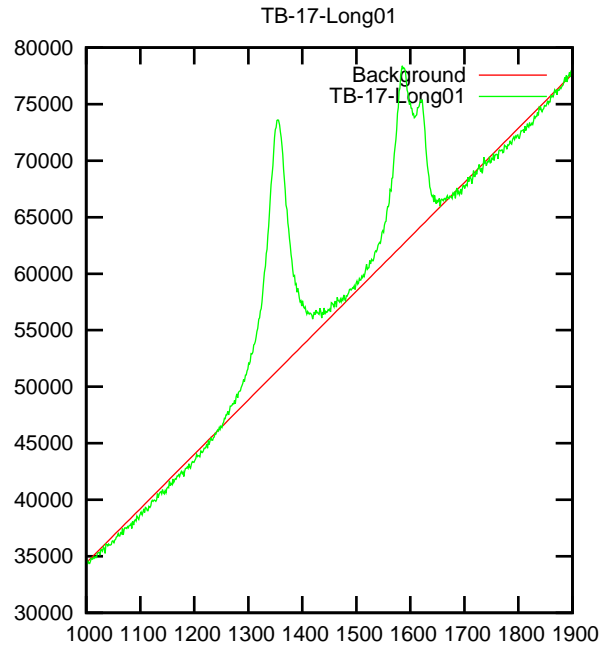


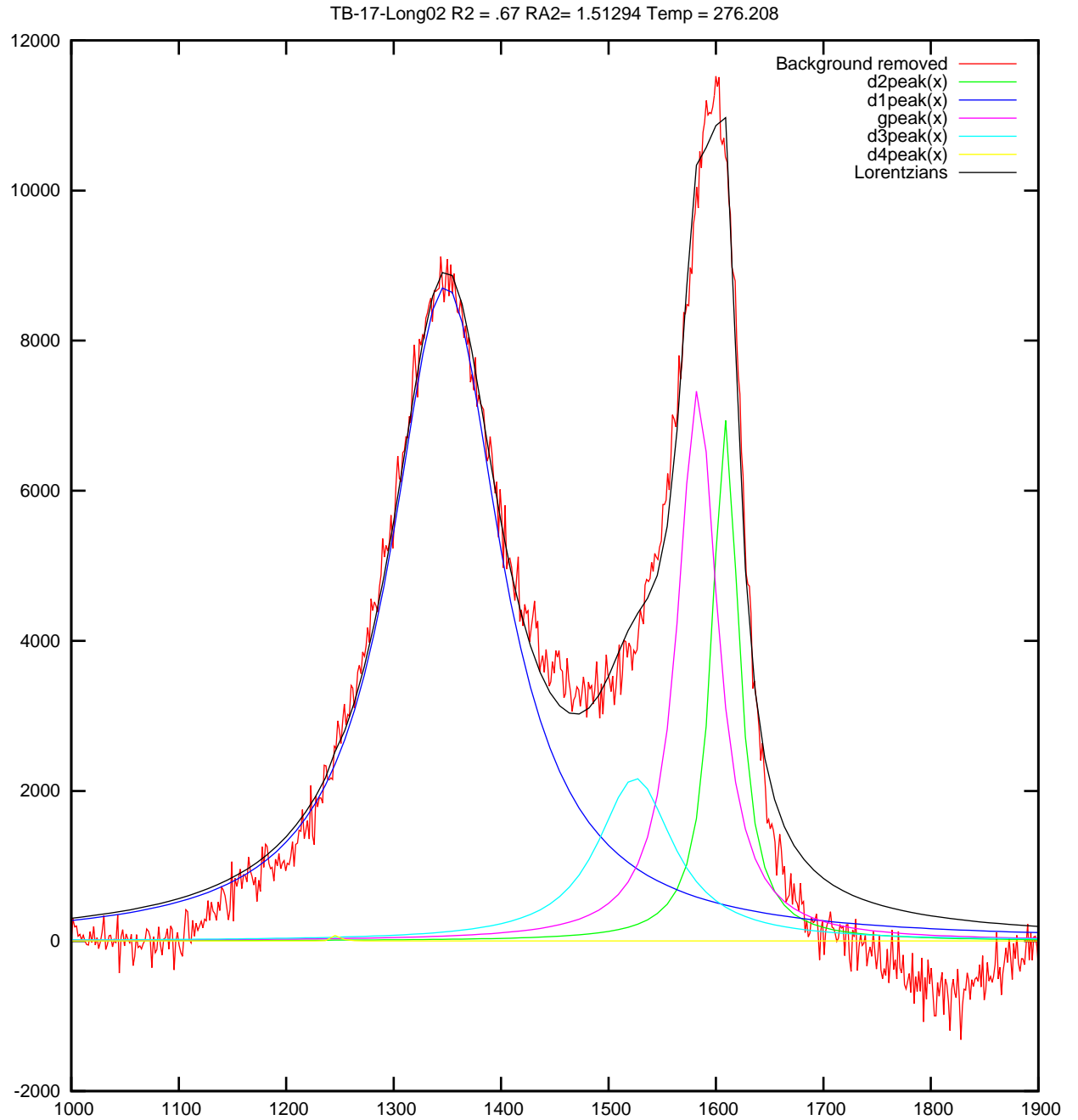
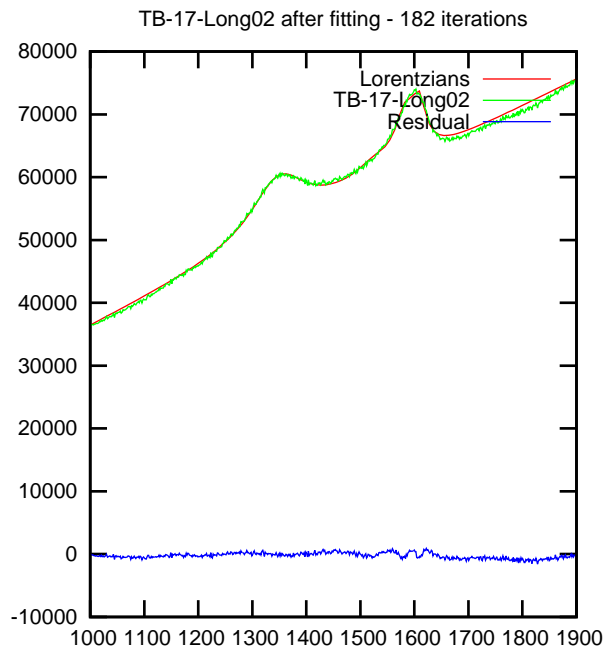
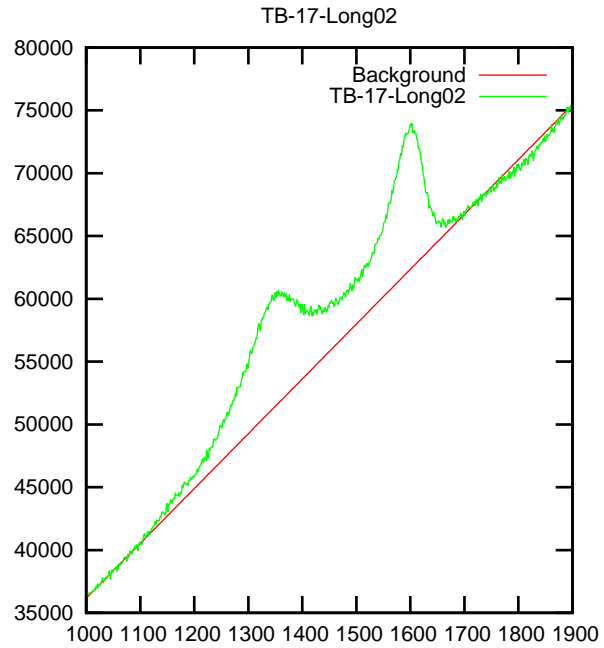


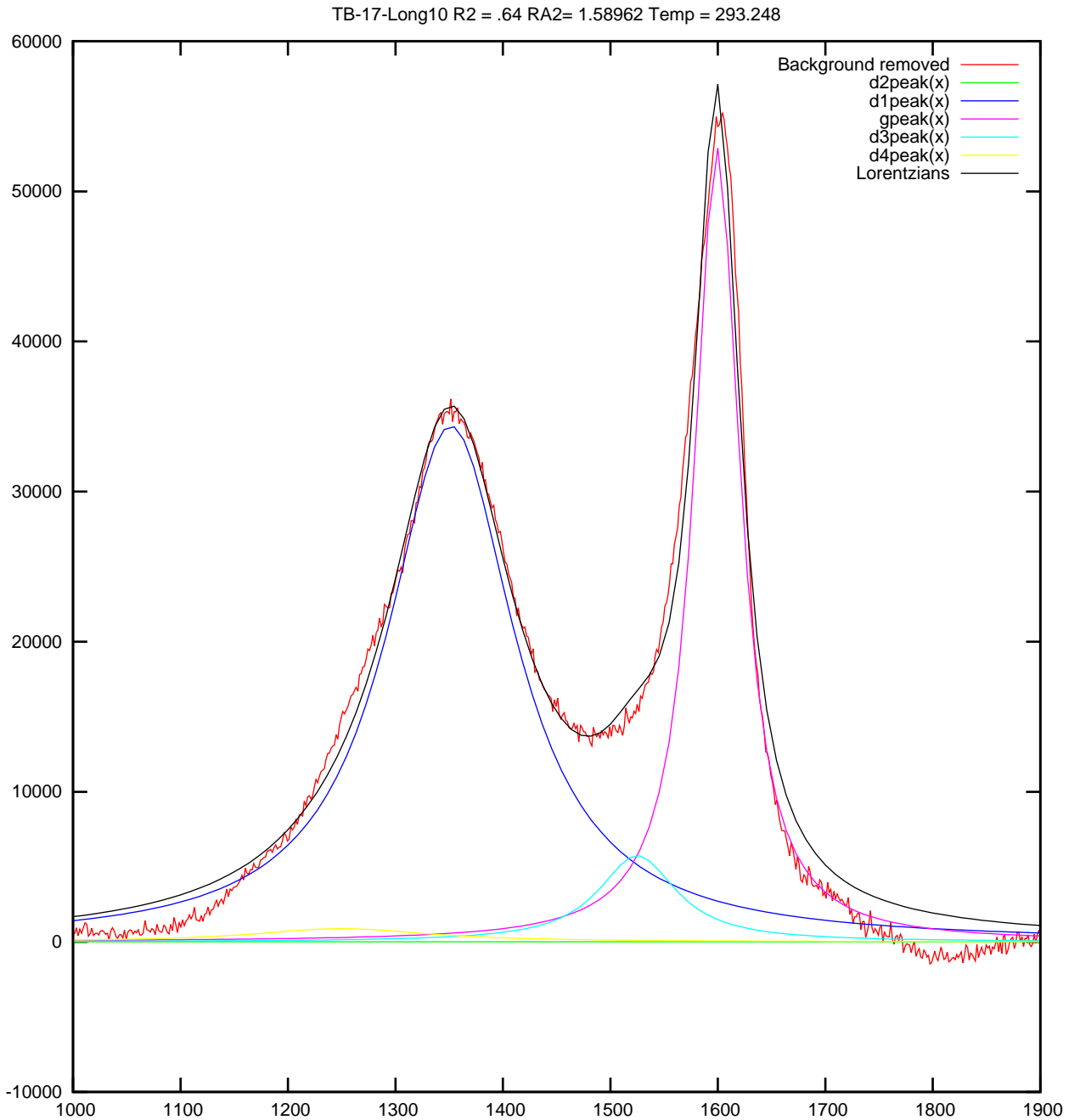
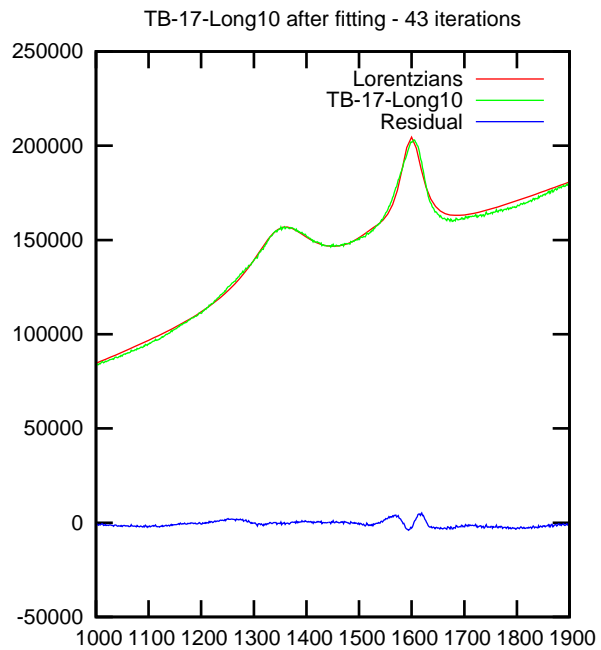
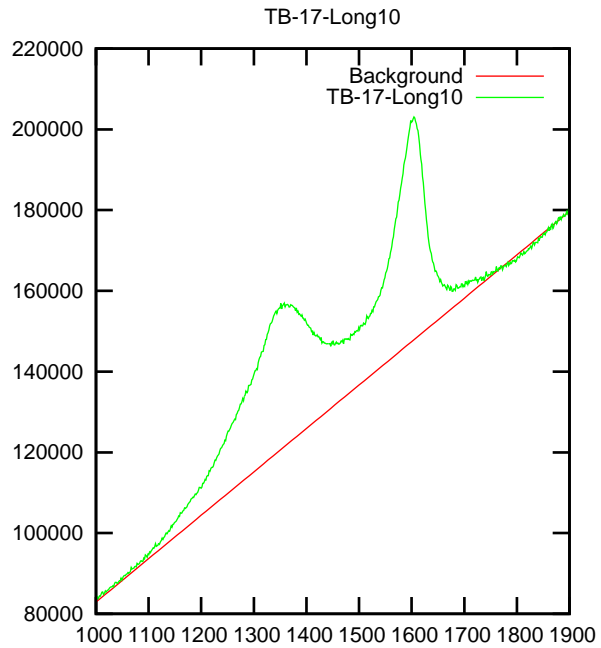


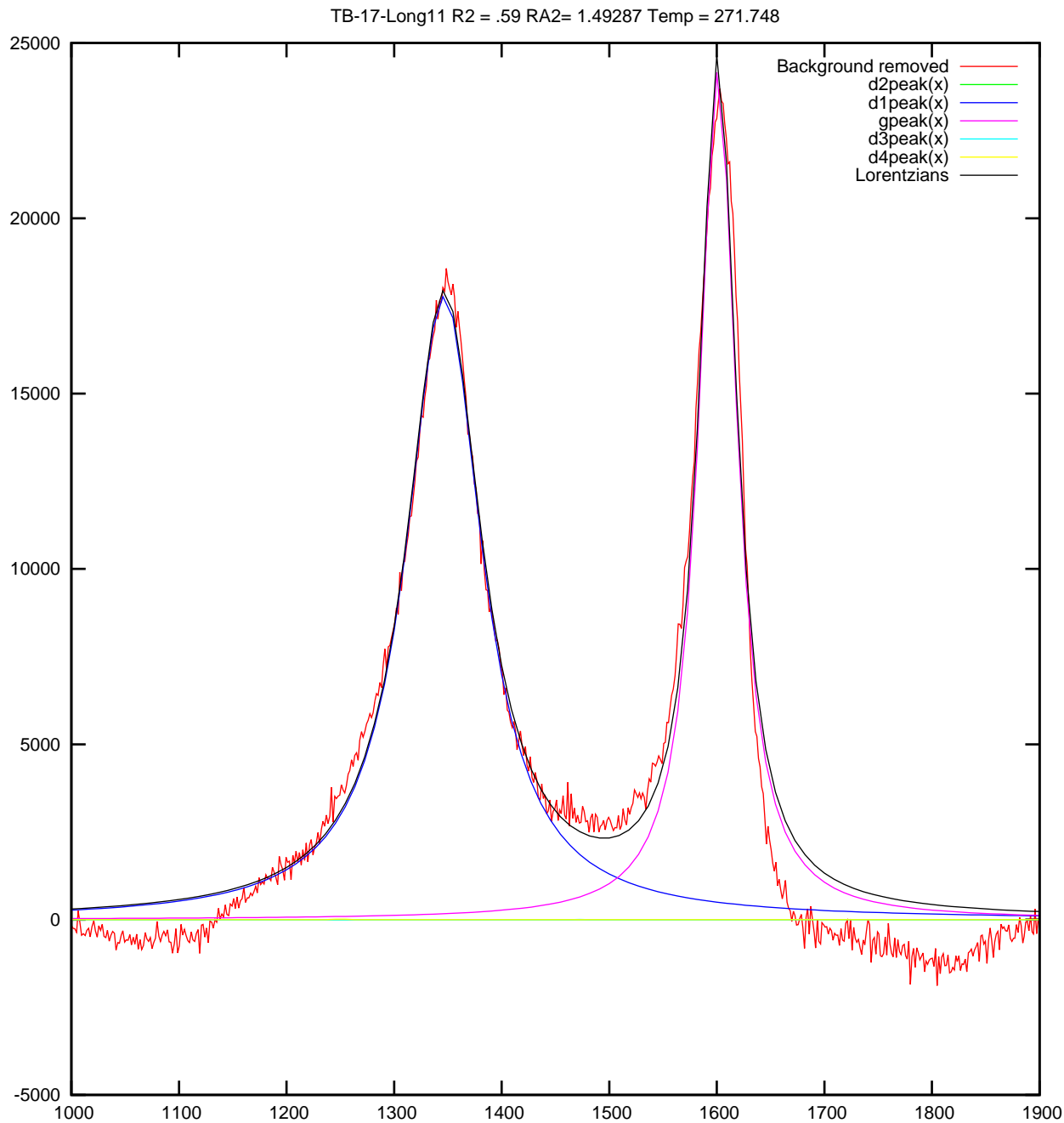
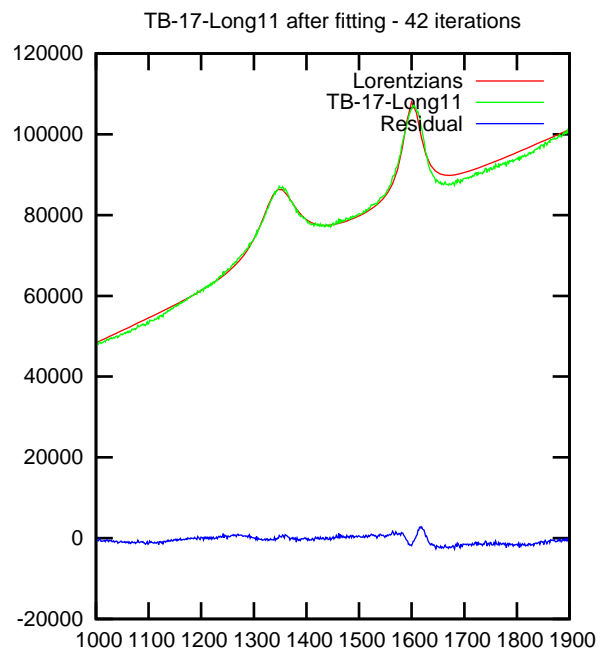
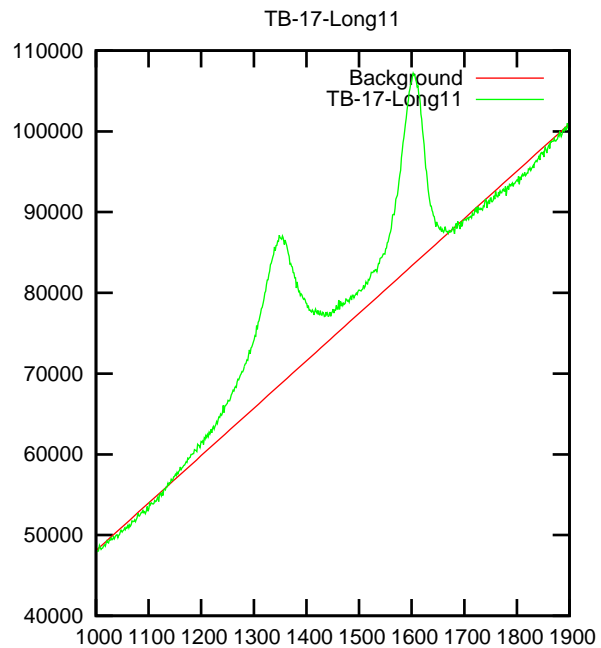




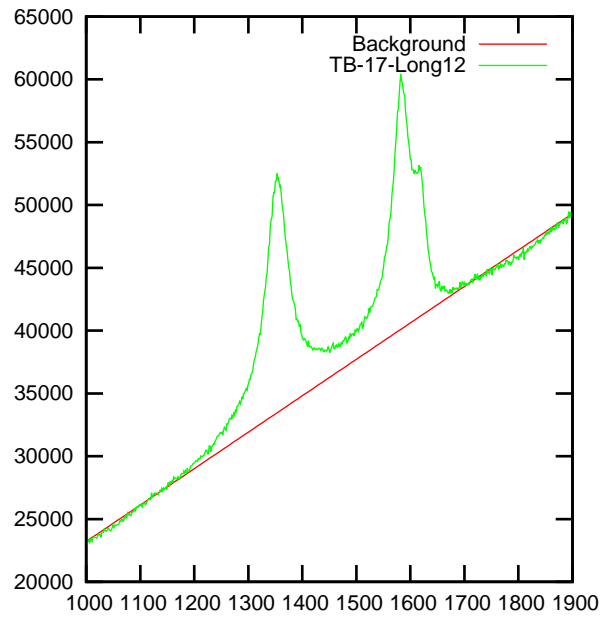




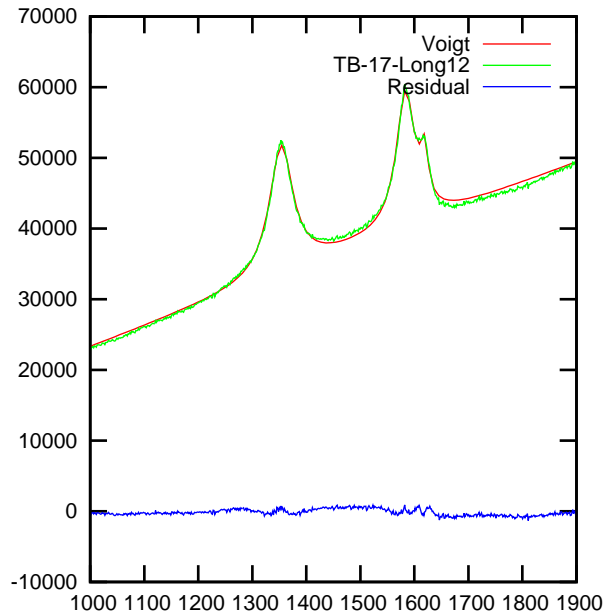




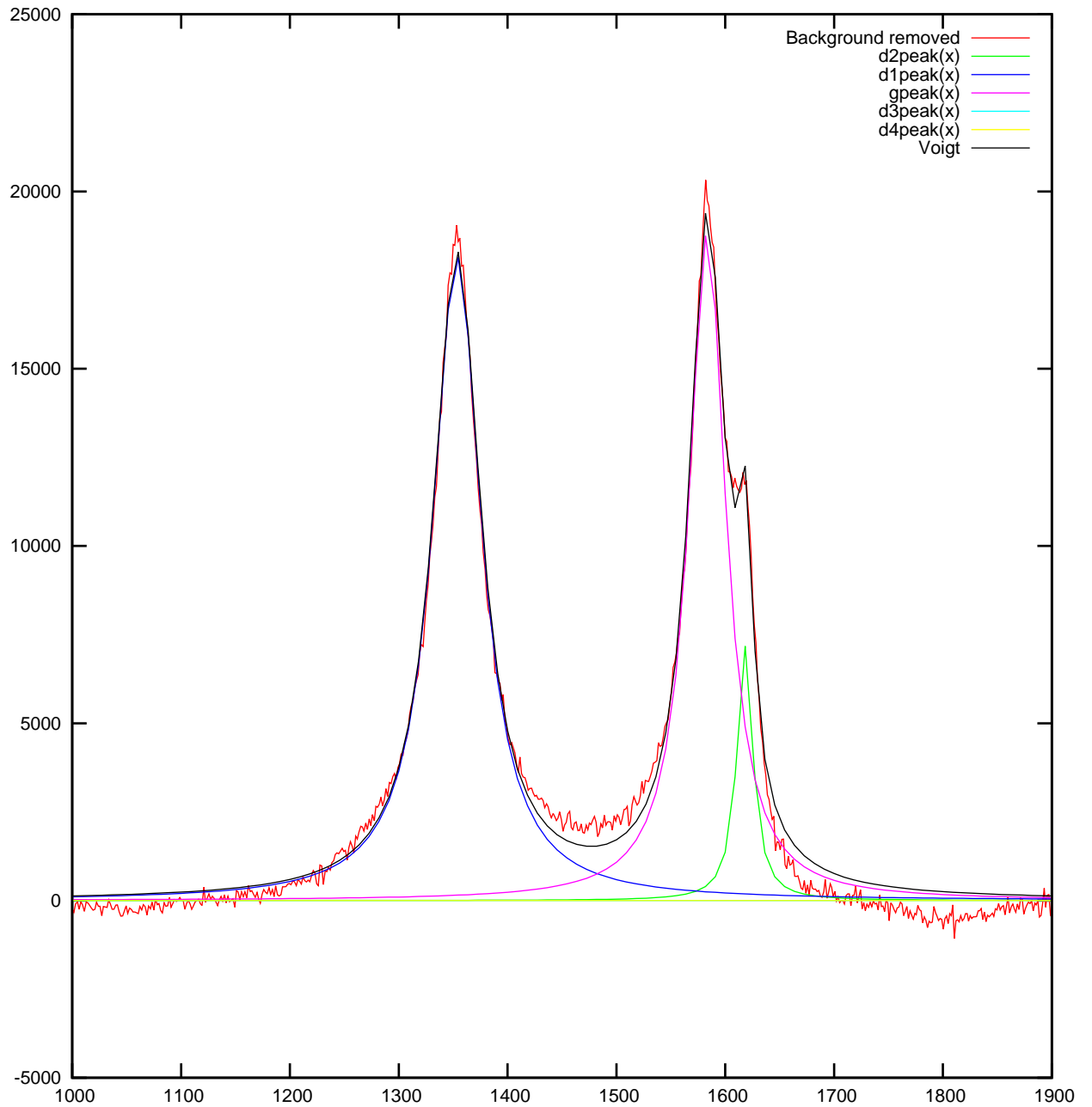
TB-17-Long12

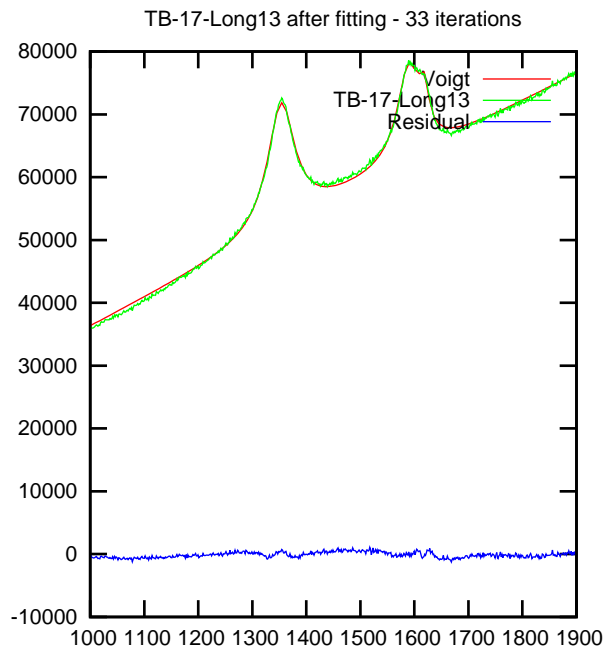
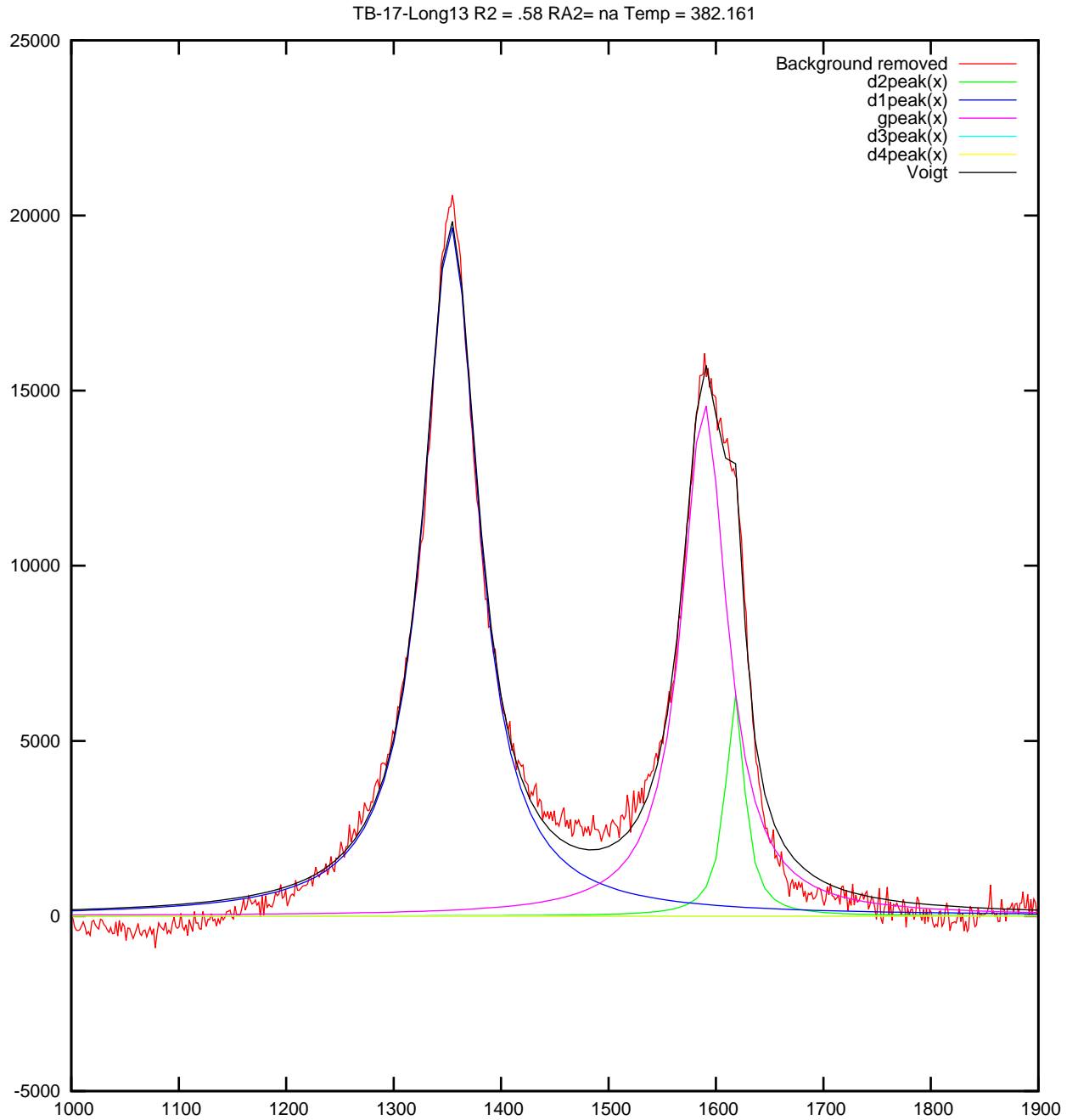
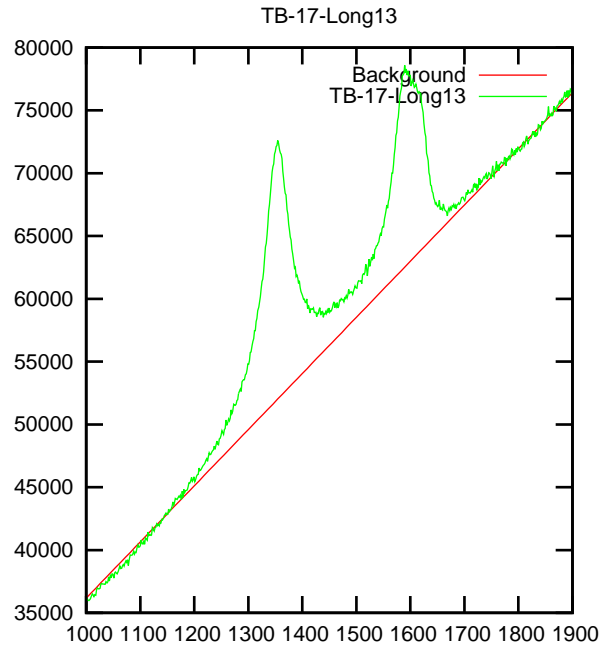


TB-17-Long12 after fitting - 39 iterations

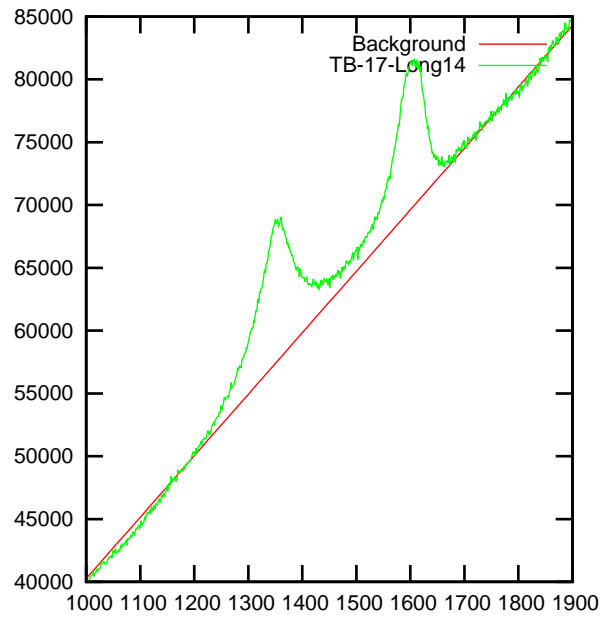


TB-17-Long12 R2 = .51 RA2= na Temp = 409.840

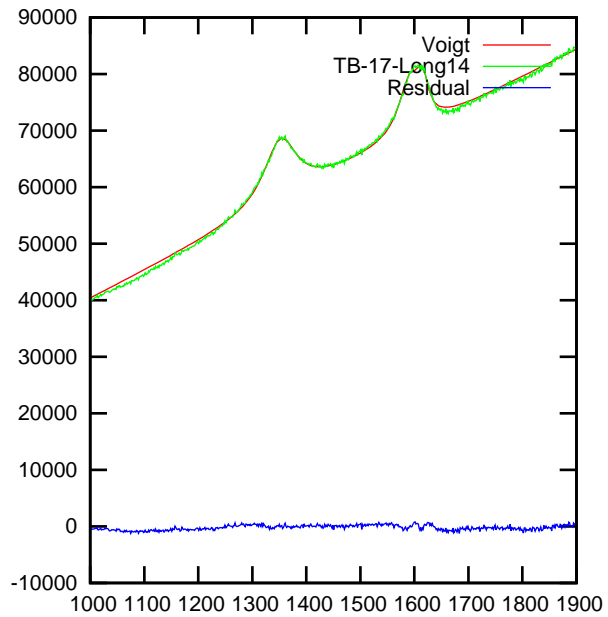




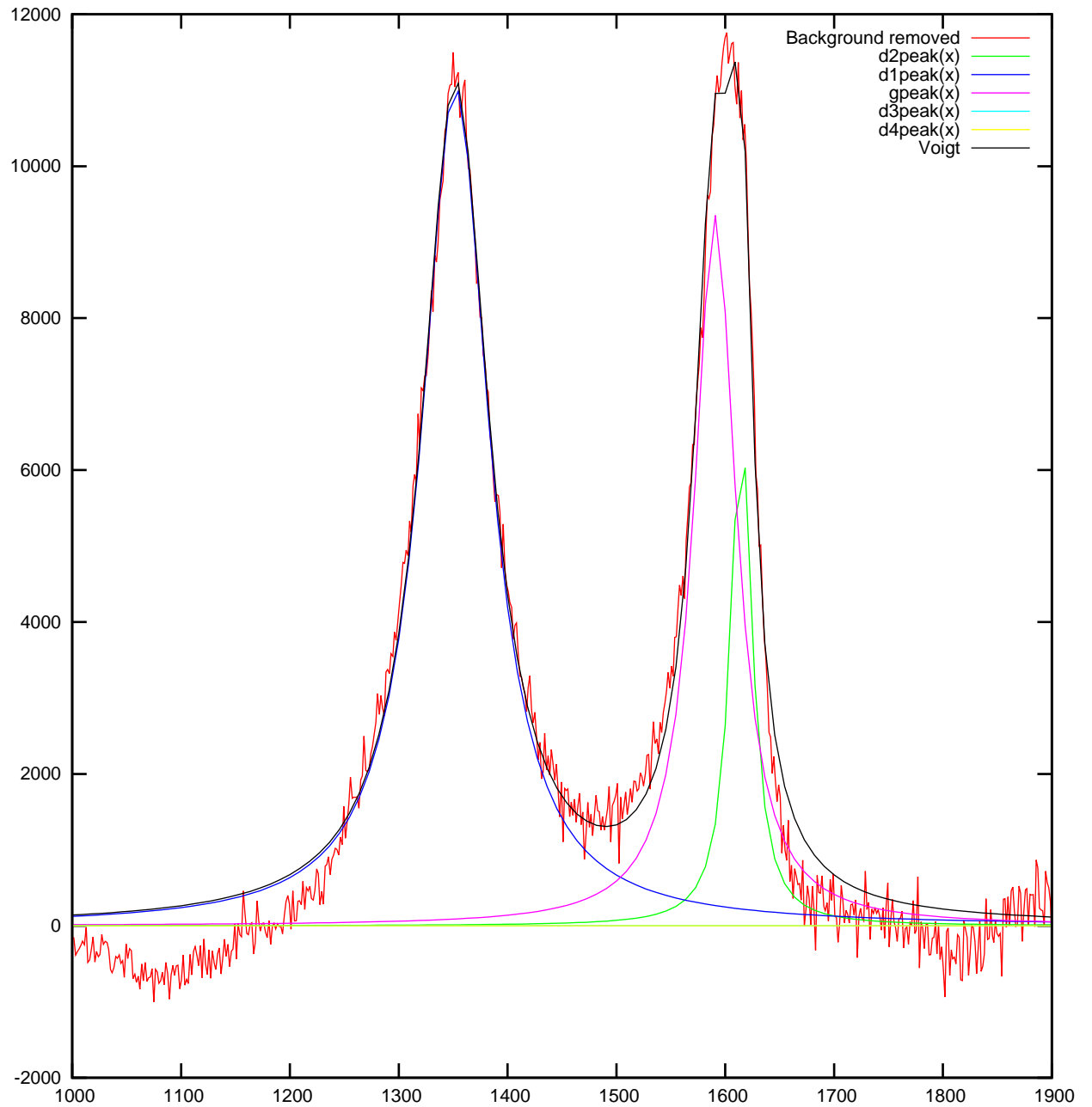
TB-17-Long14

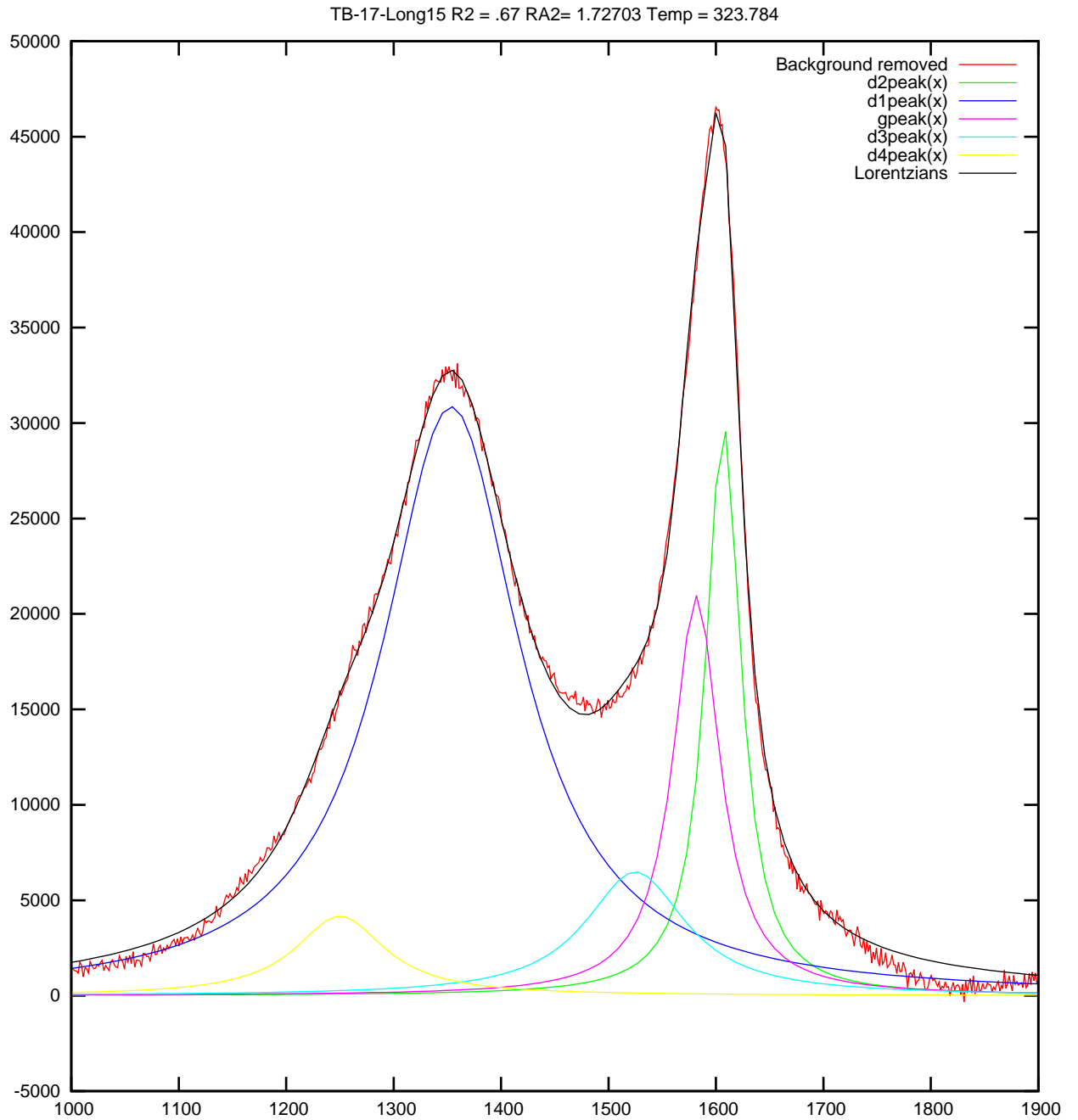
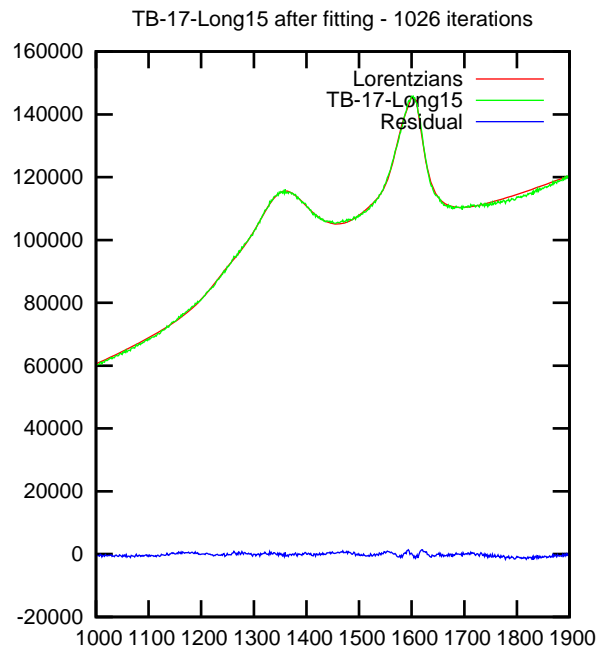
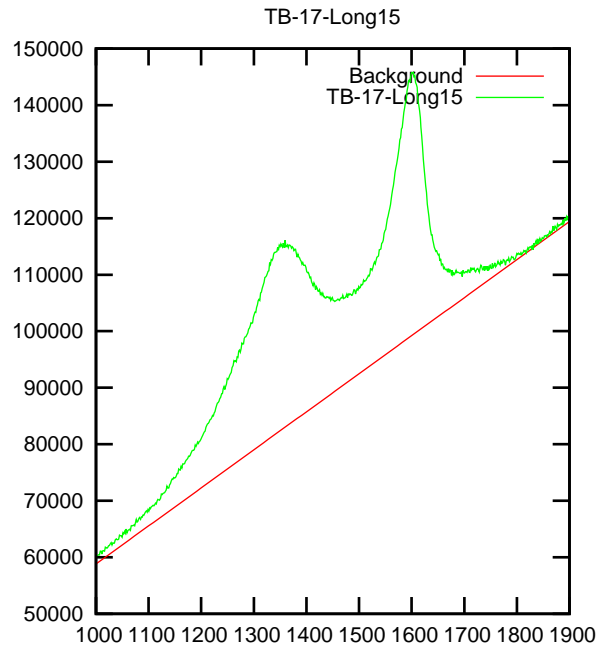


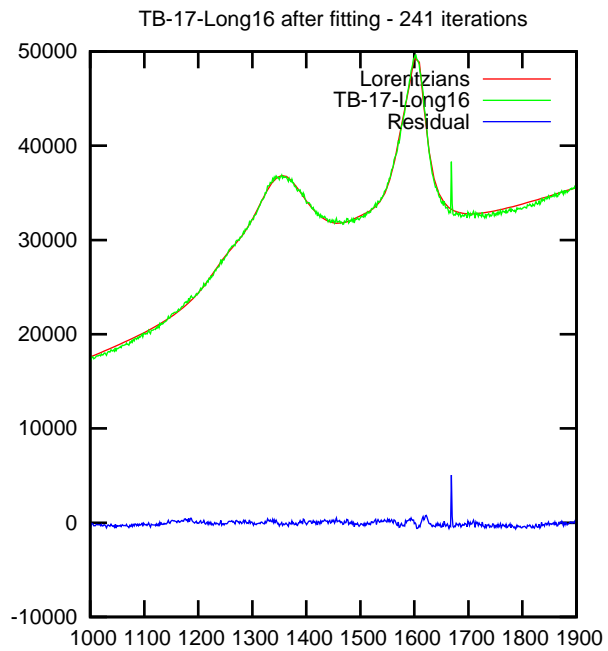
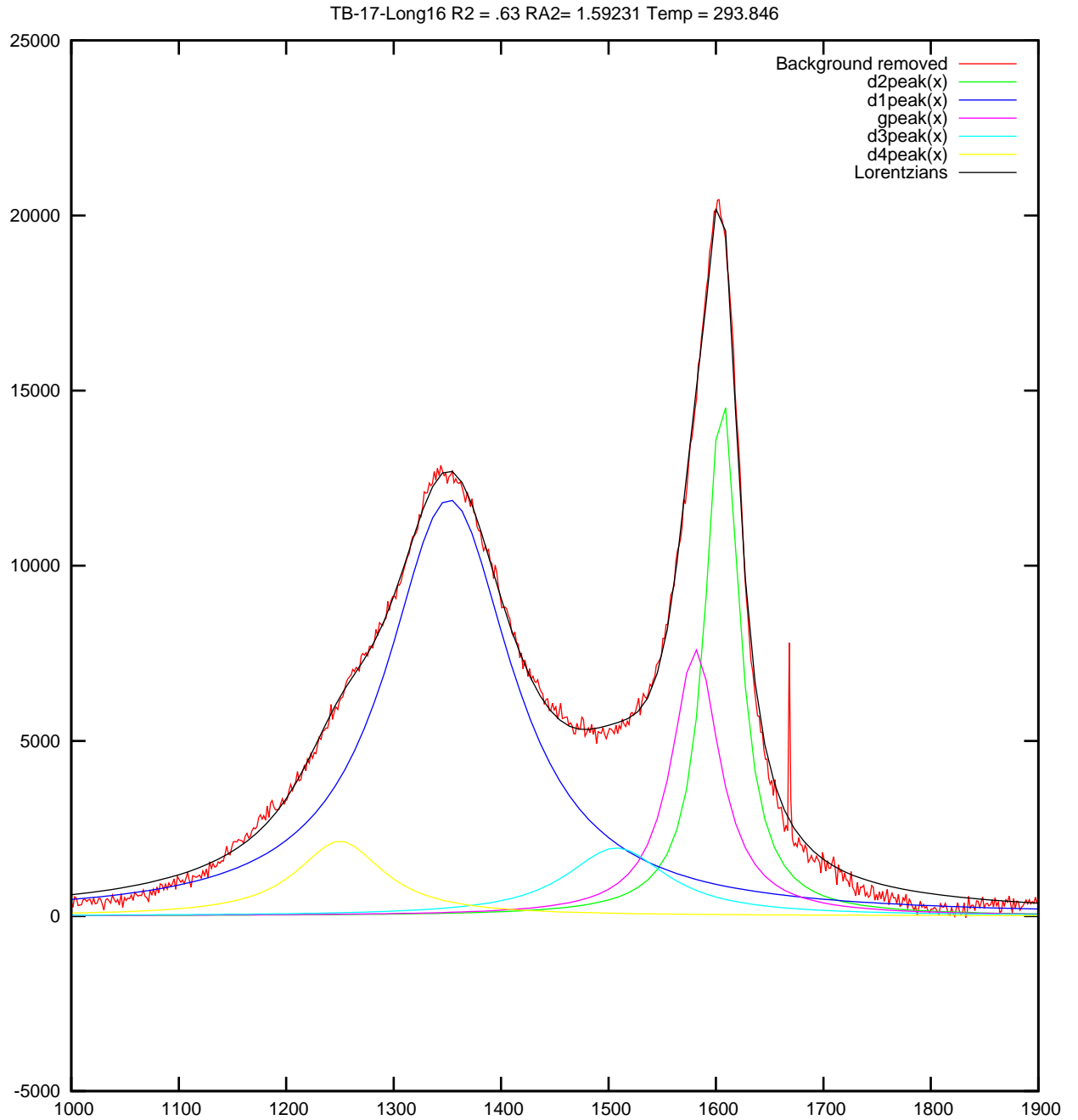
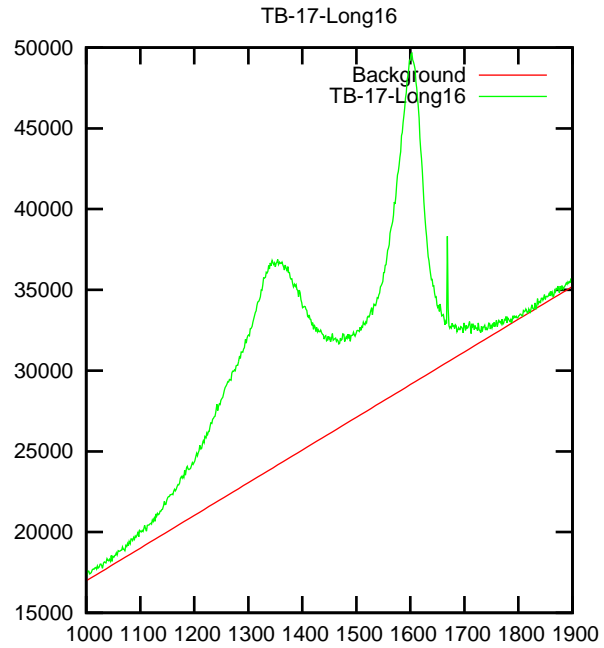
TB-17-Long14 after fitting - 197 iterations



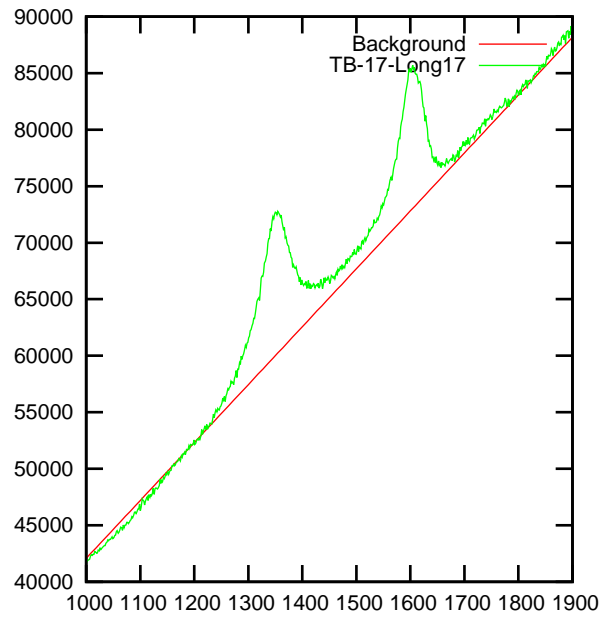
TB-17-Long14 R2 = .58 RA2= na Temp = 382.406



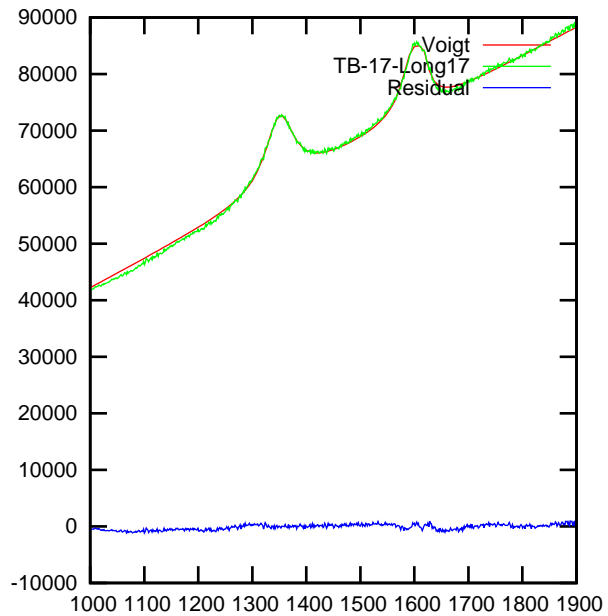




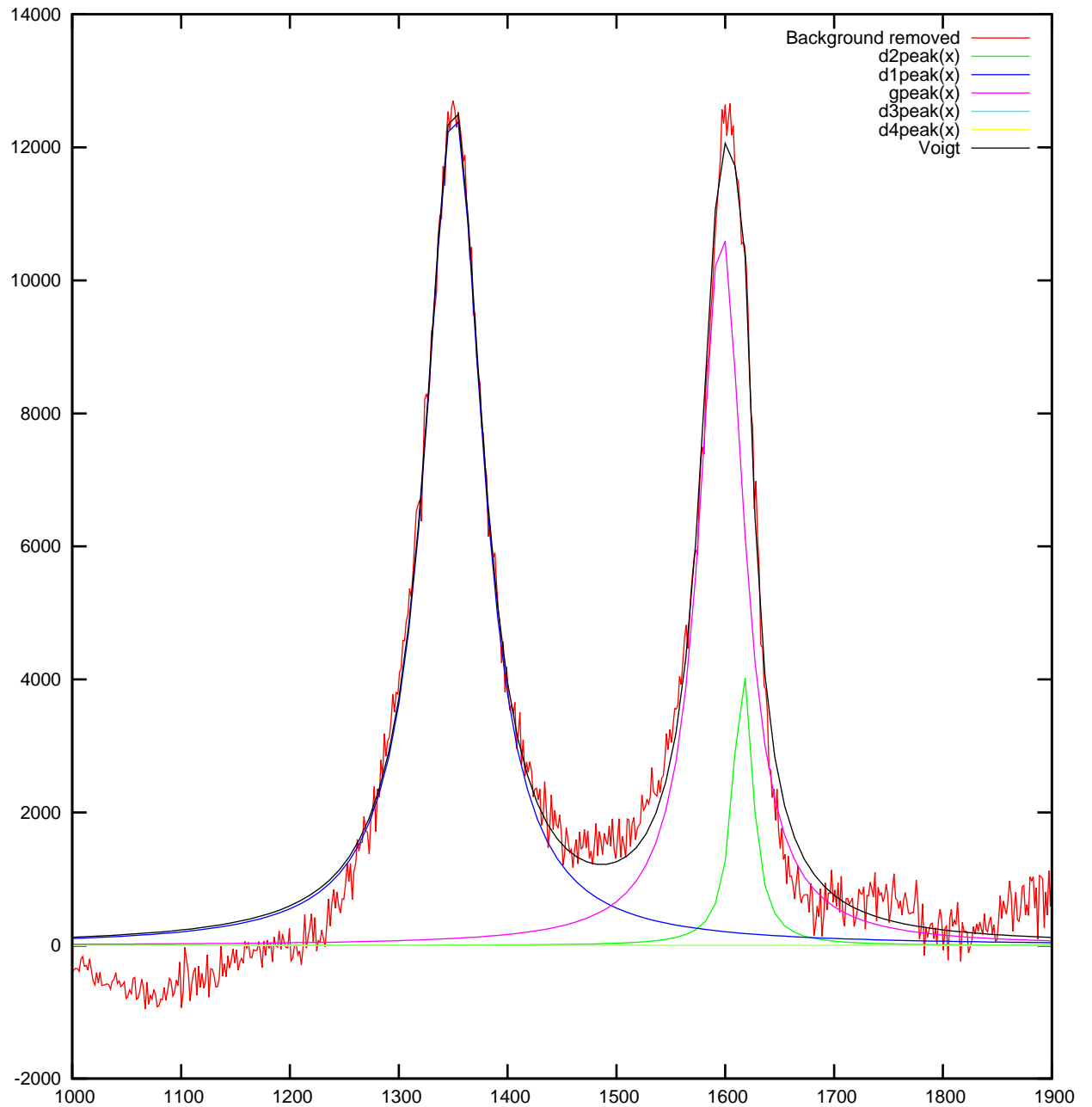
TB-17-Long17

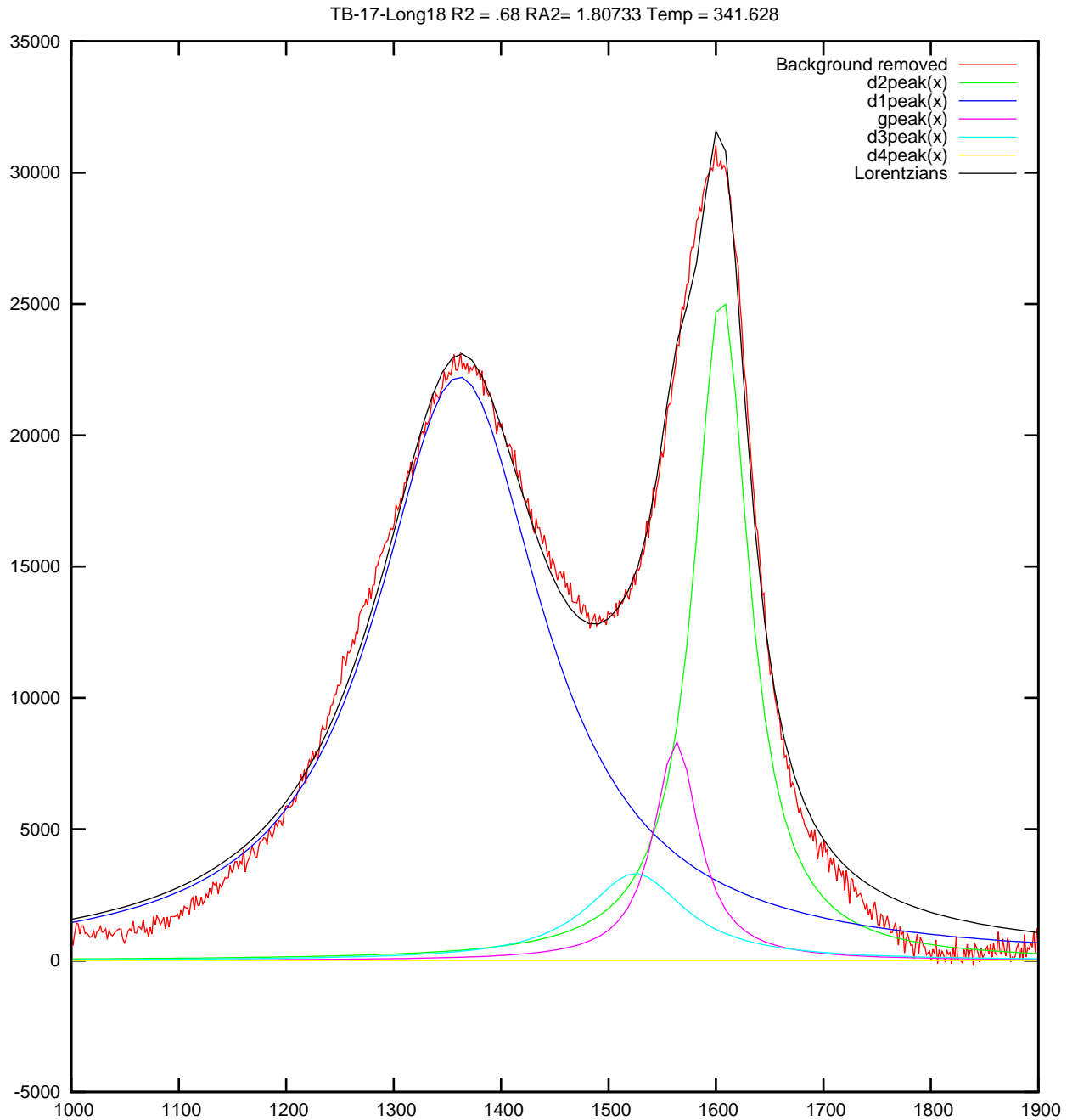
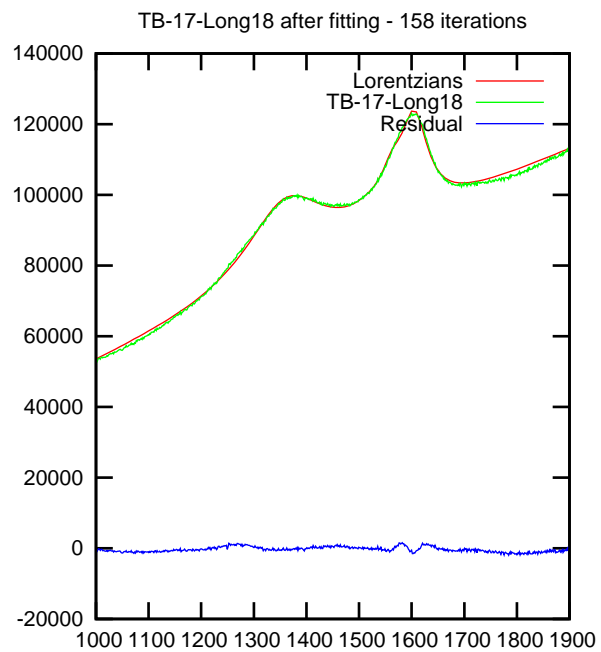
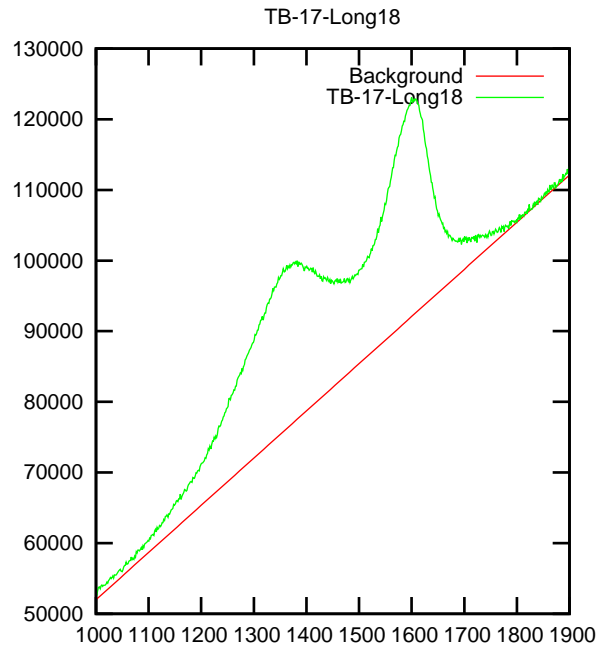


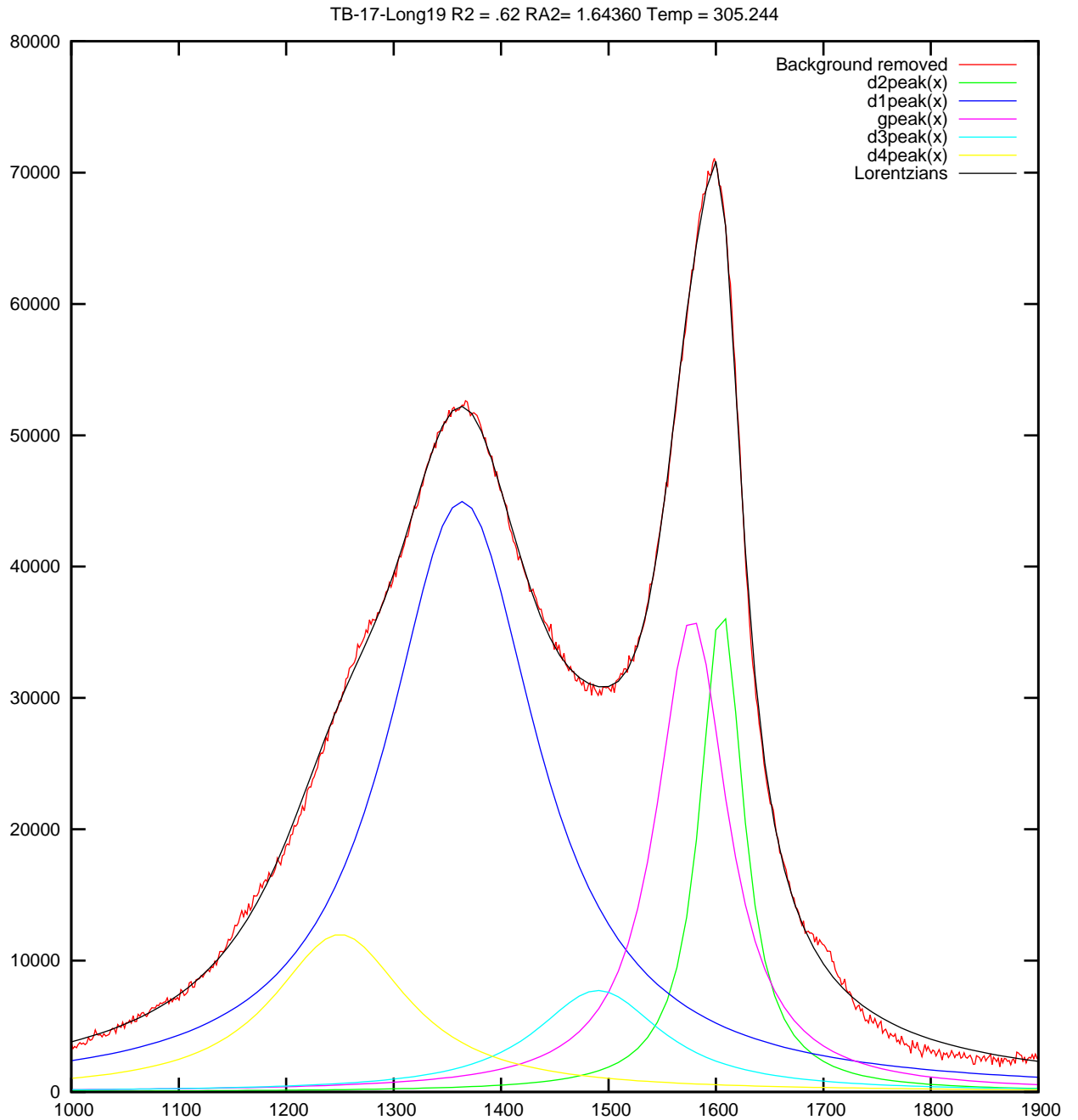
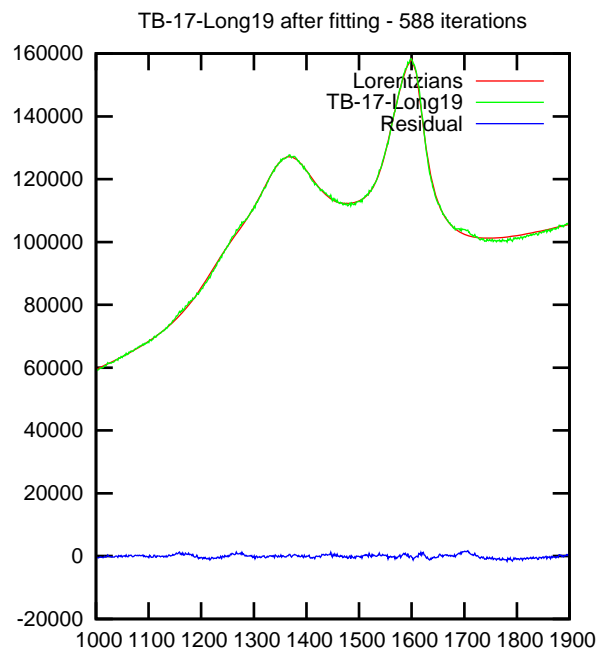
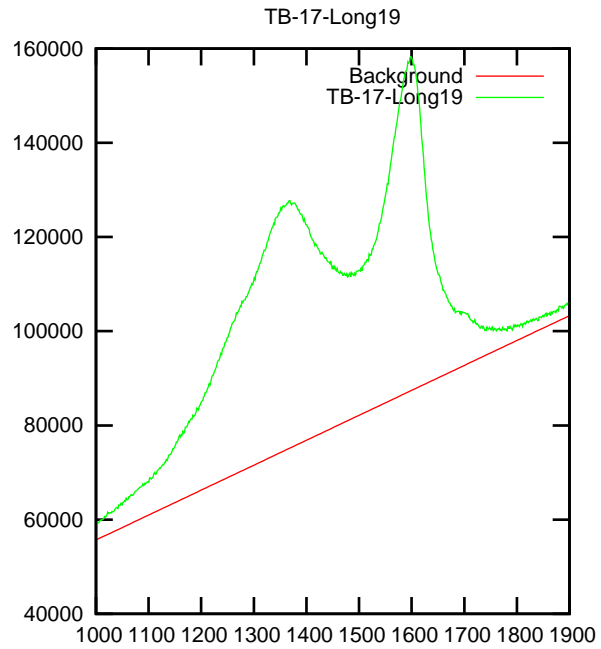
TB-17-Long17 after fitting - 423 iterations

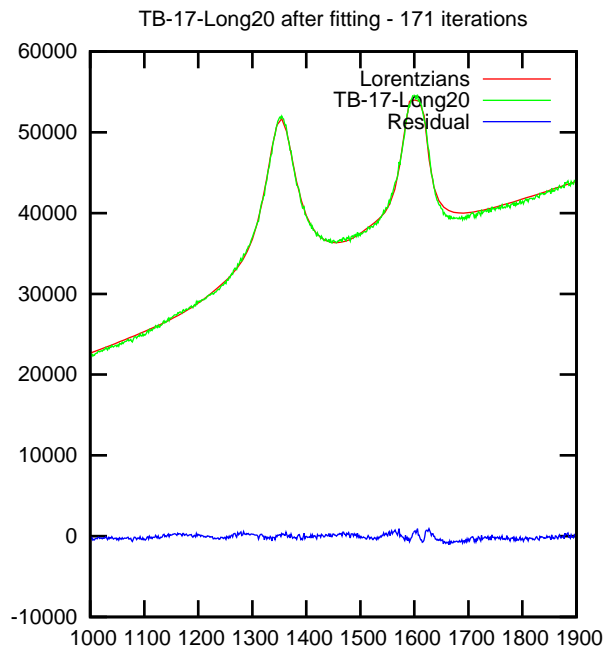
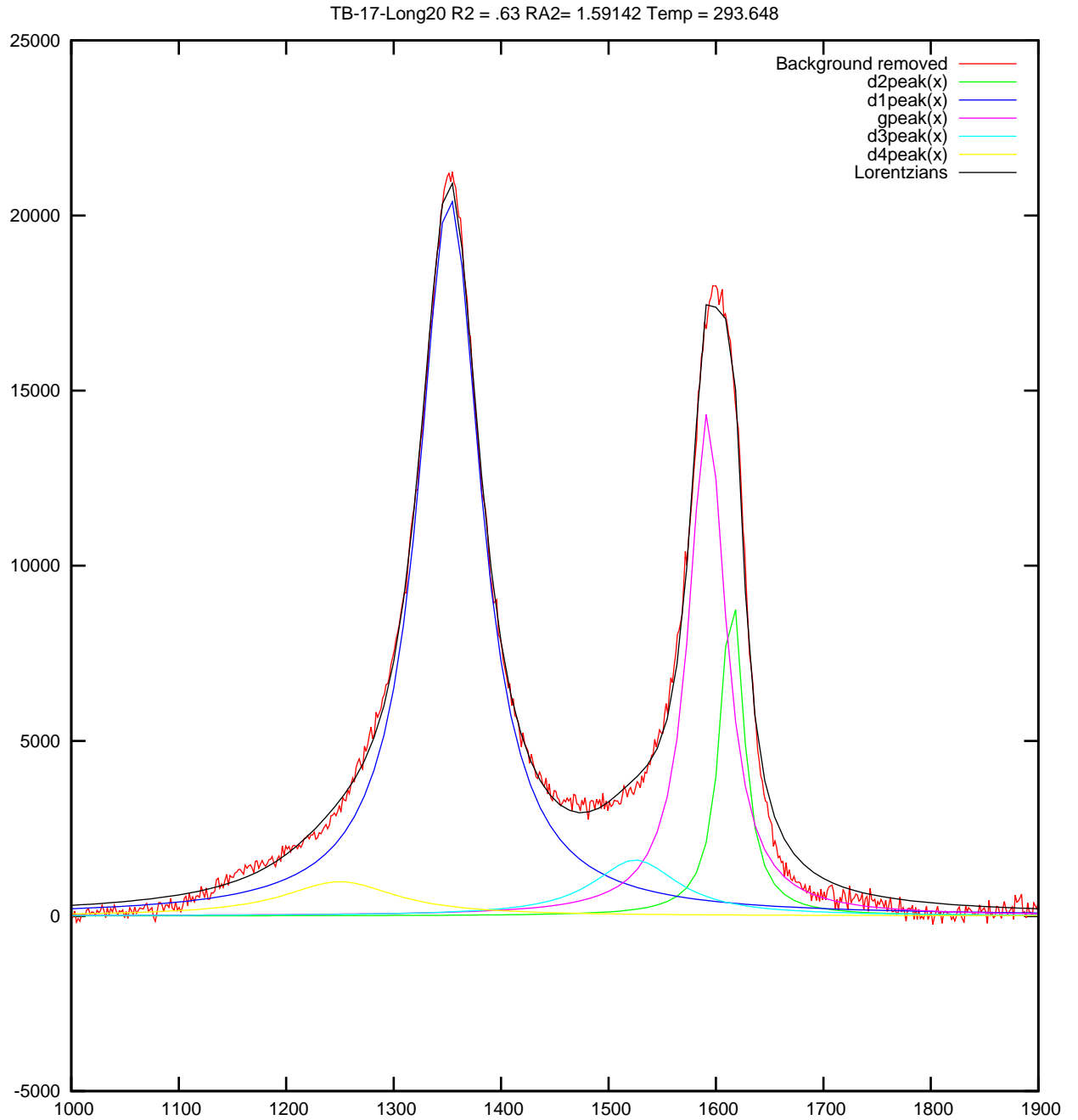
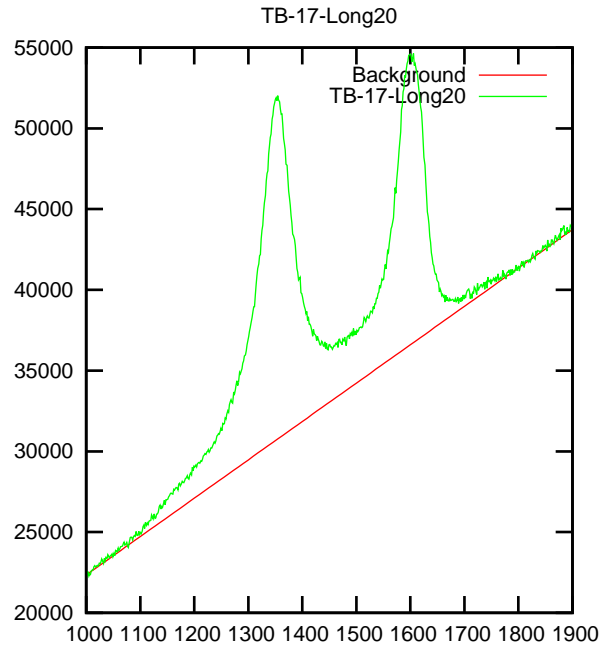


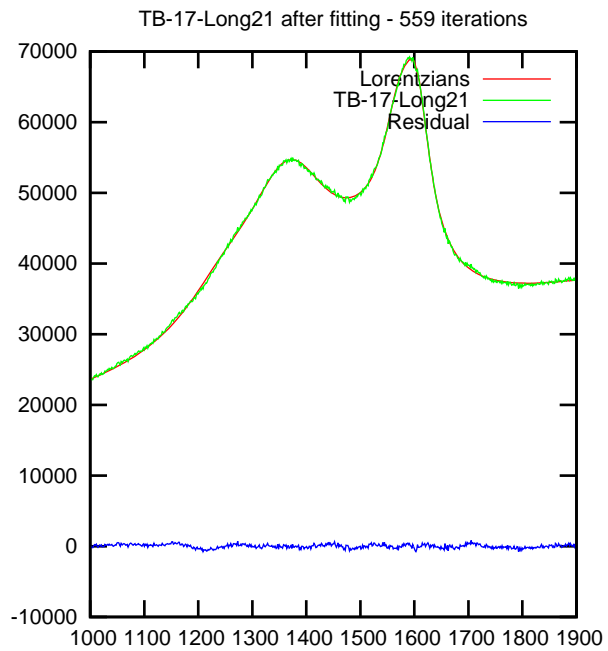
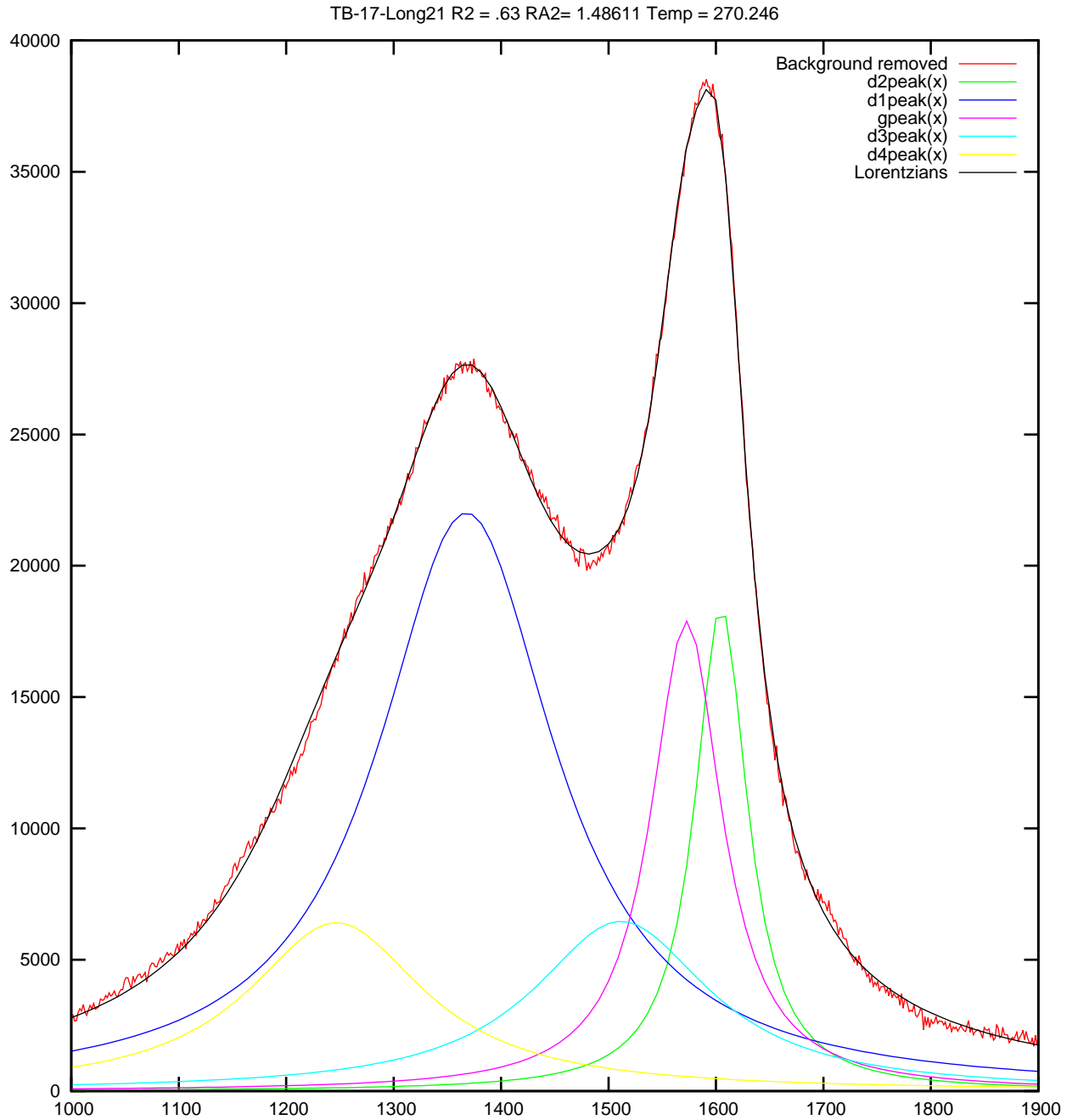
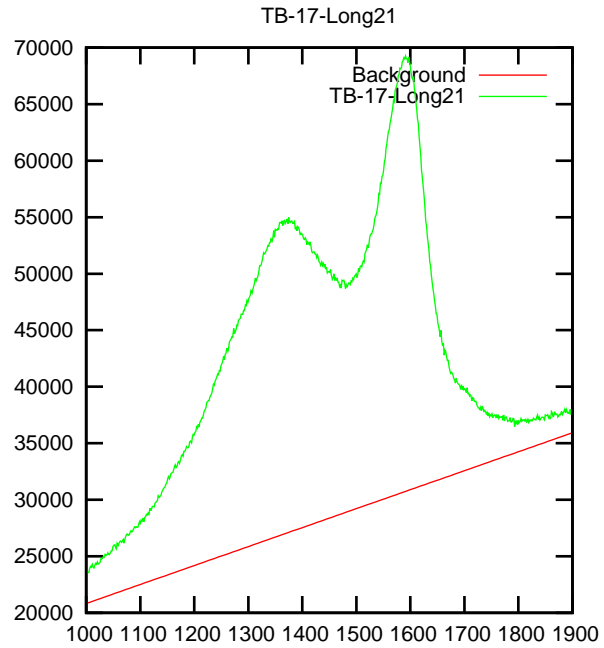
TB-17-Long17 R2 = .56 RA2= na Temp = 388.907



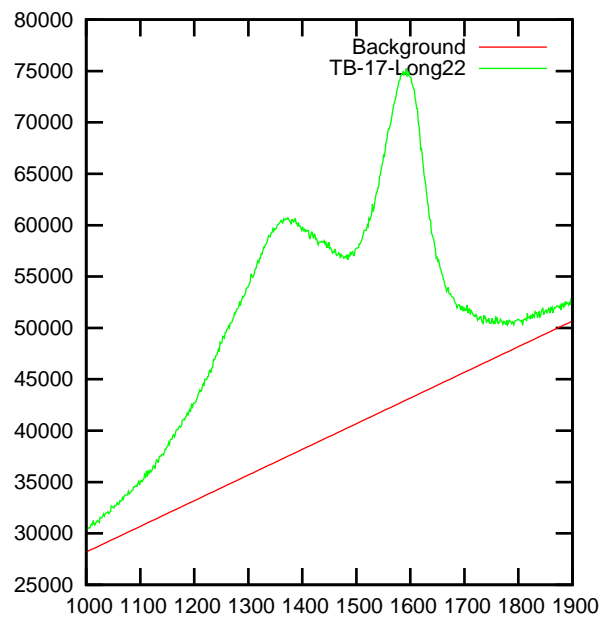




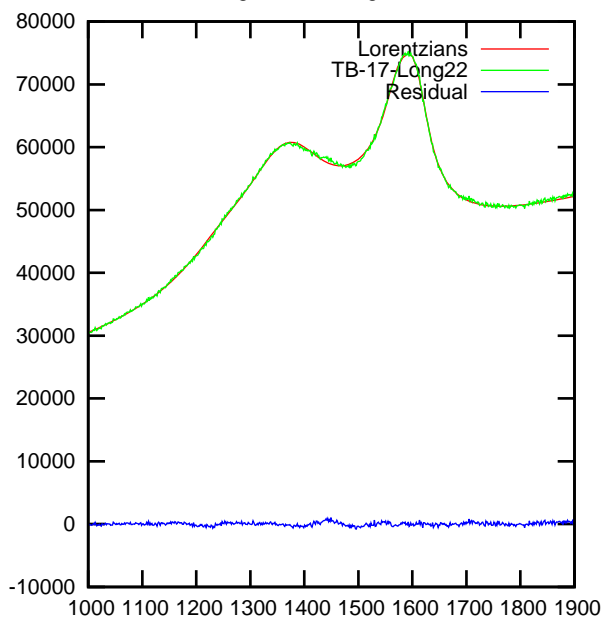




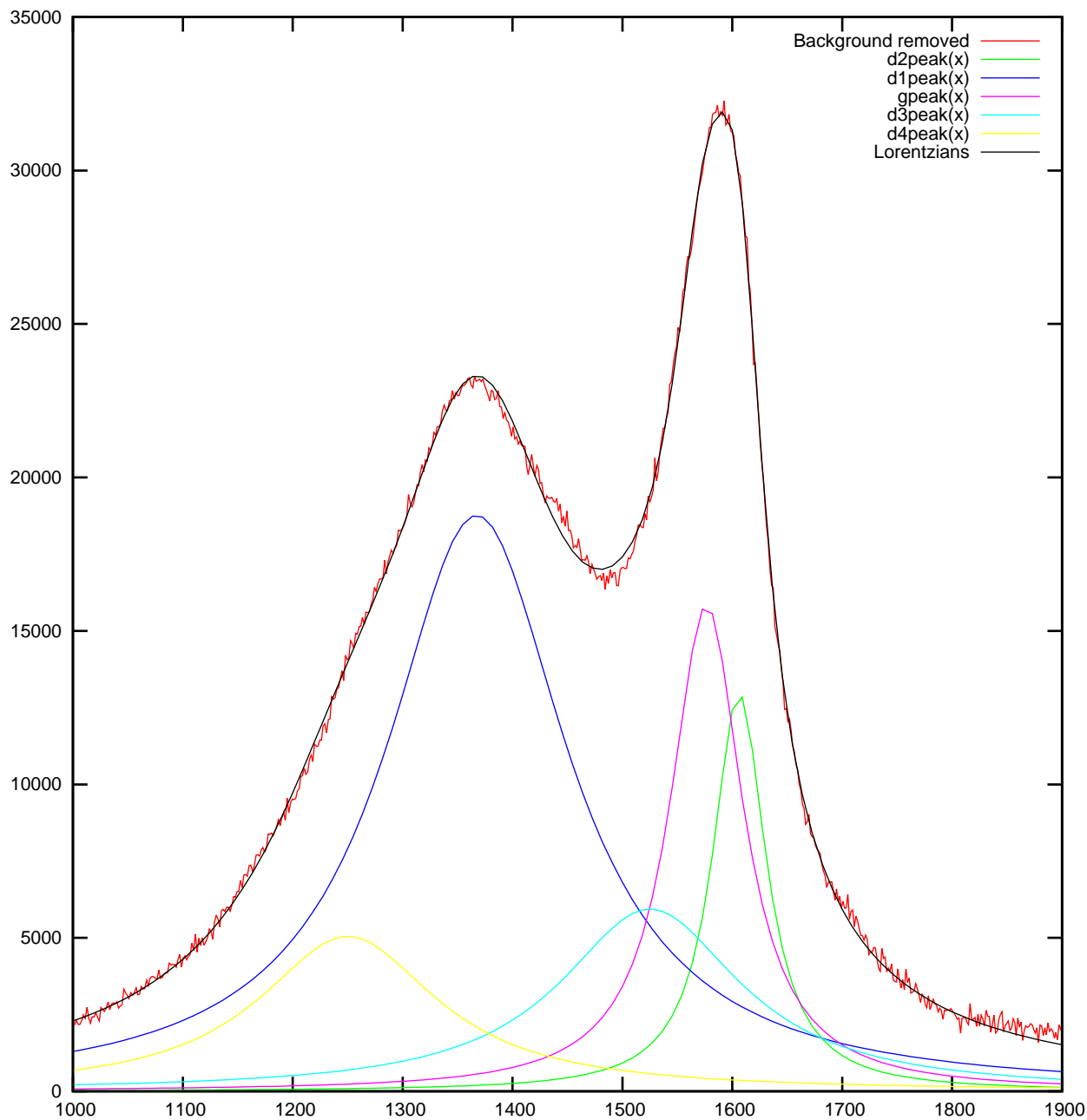
TB-17-Long22

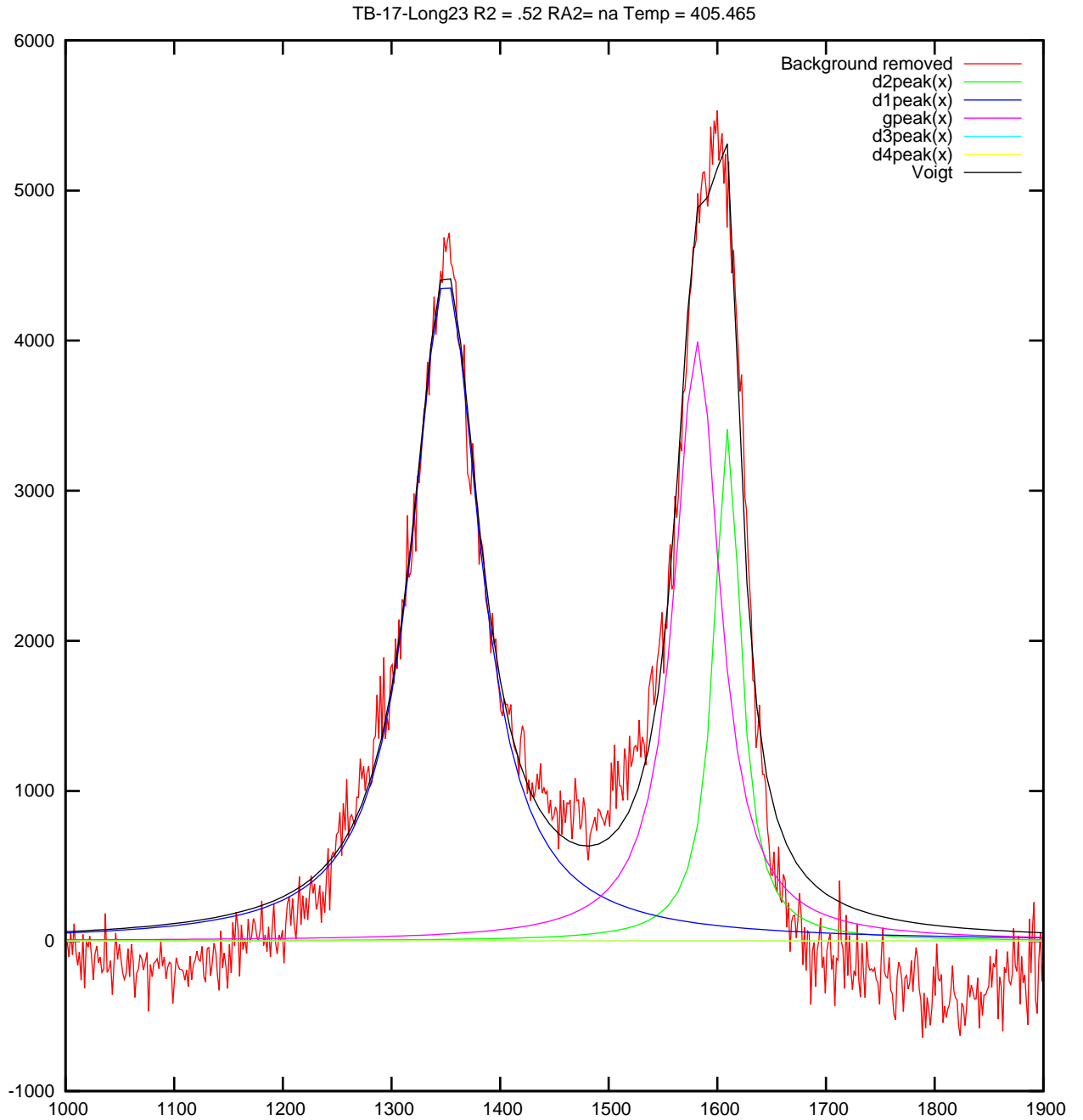
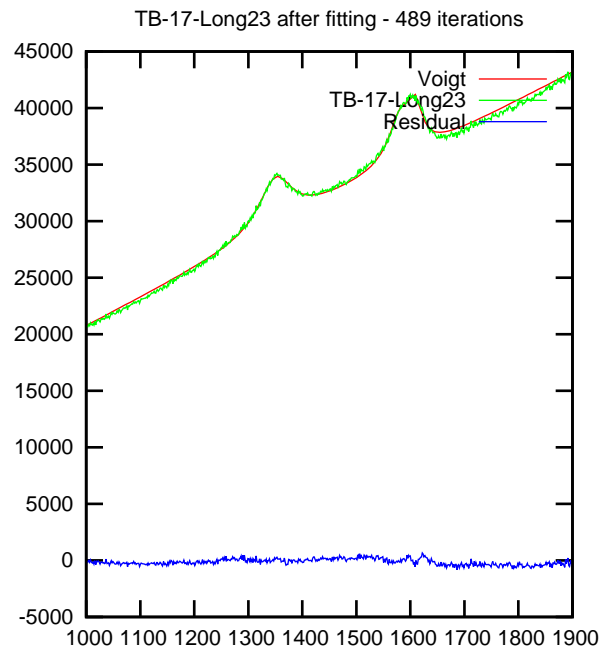
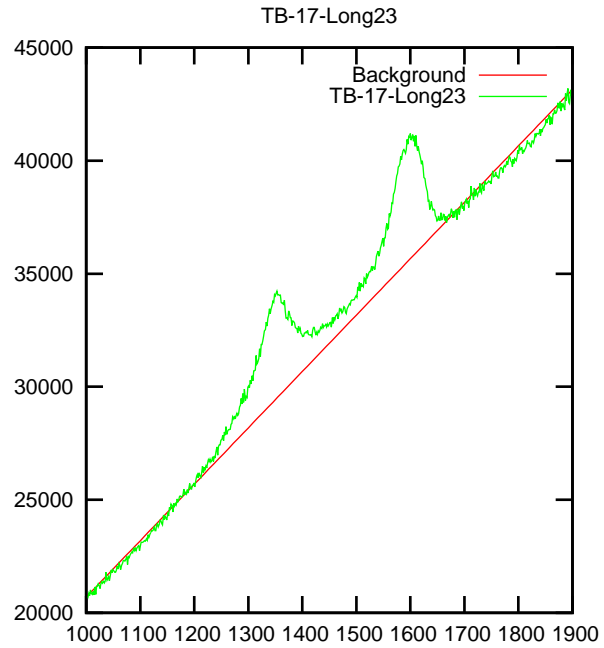


TB-17-Long22 after fitting - 621 iterations

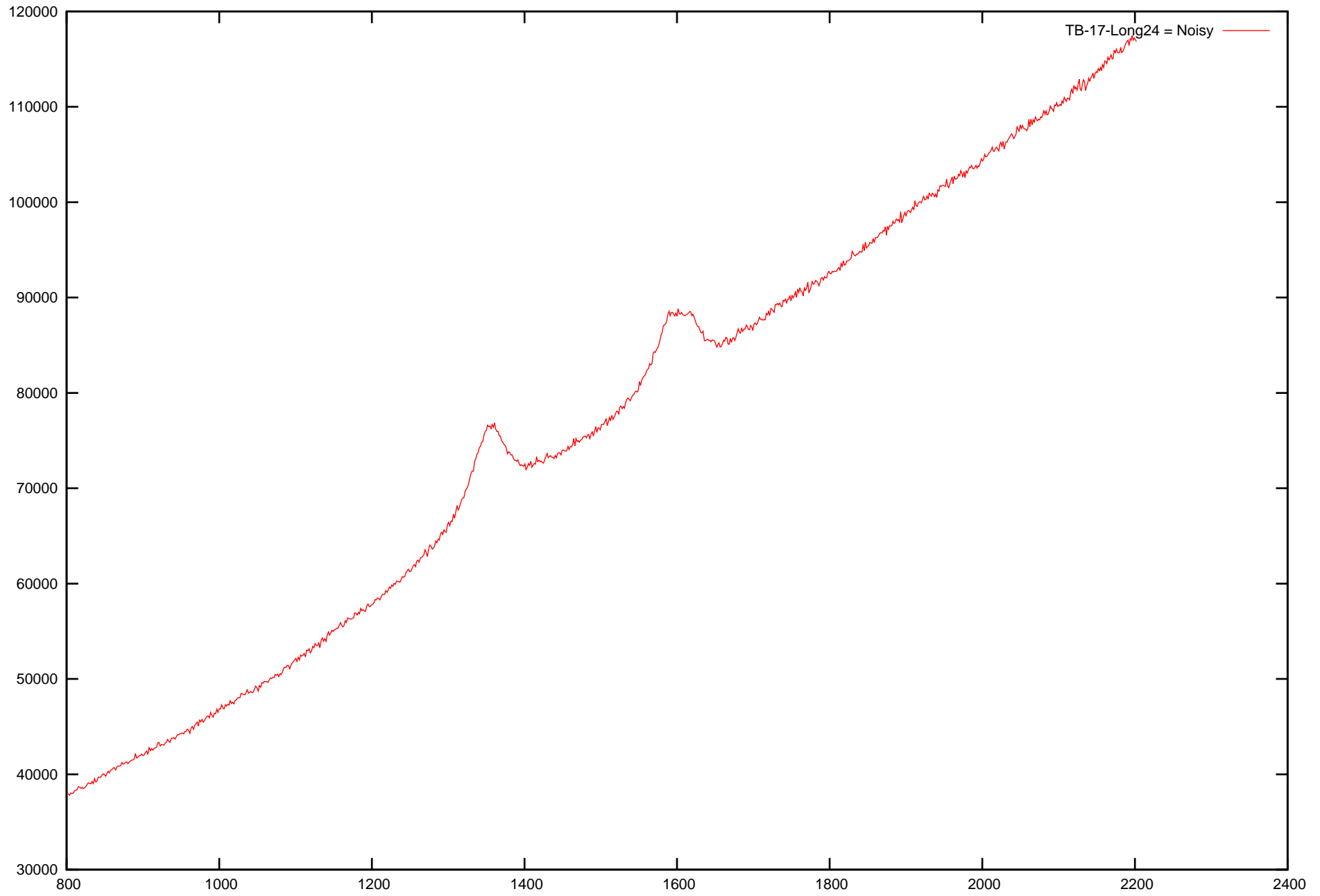


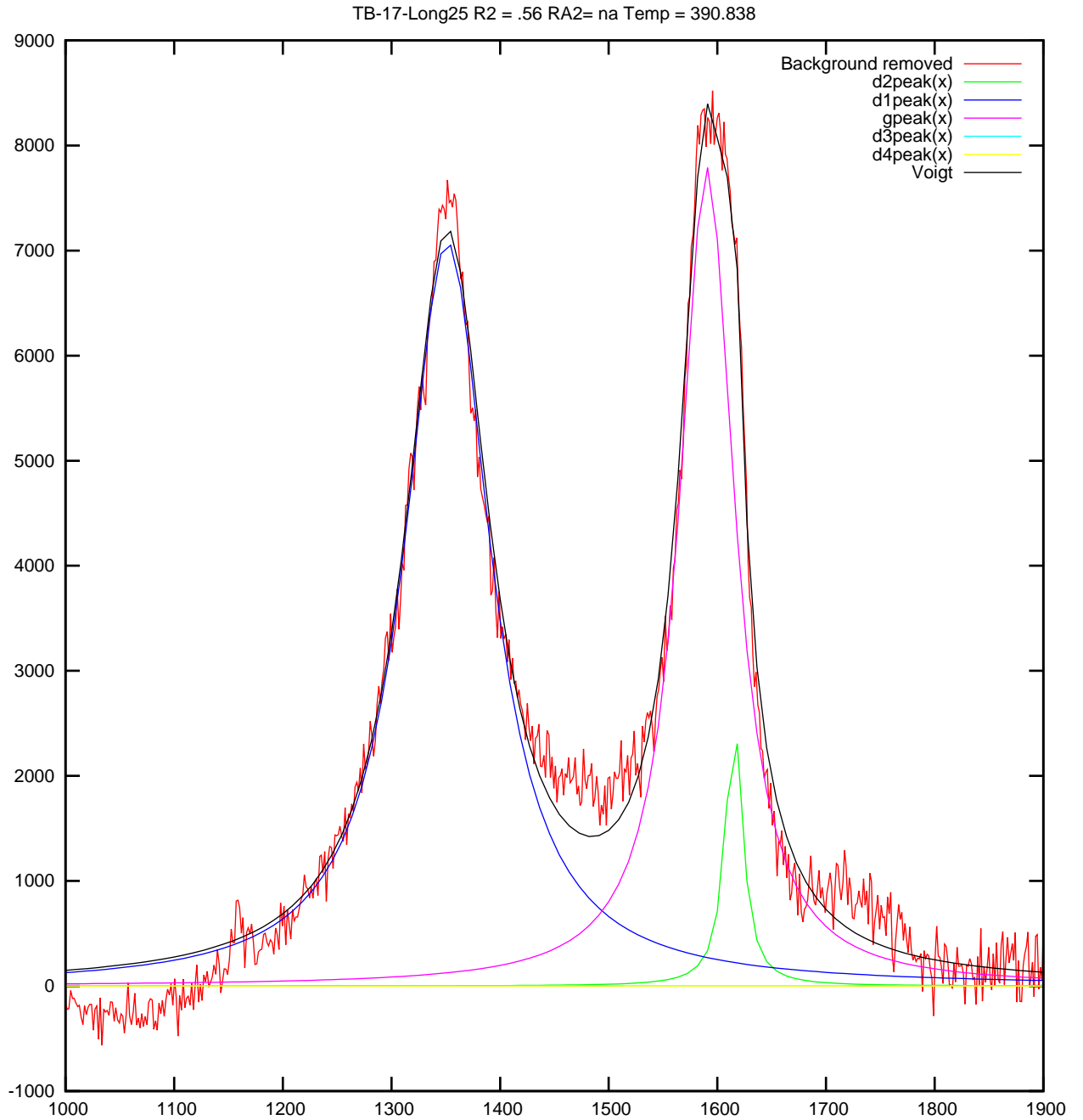
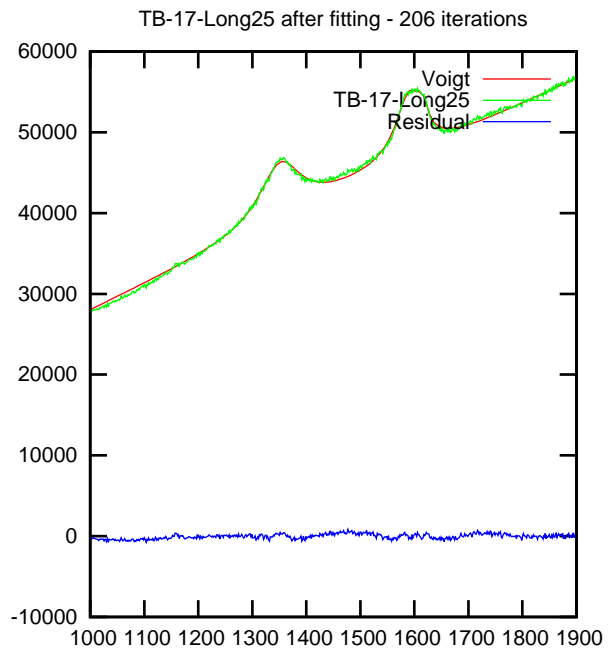
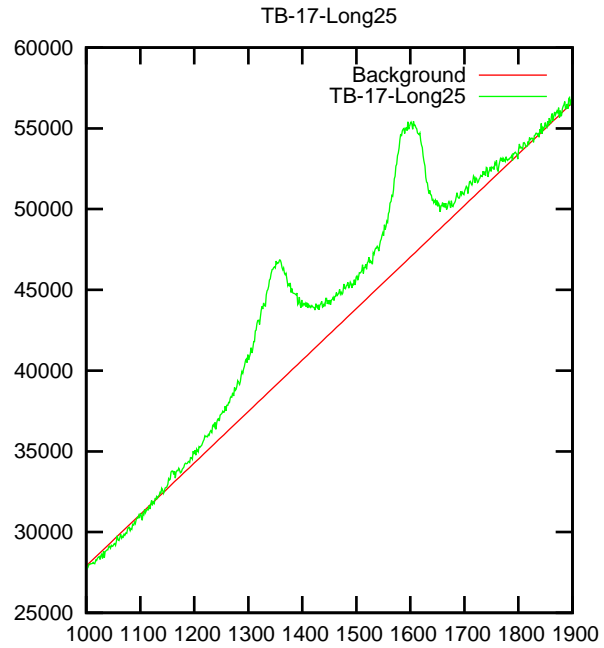
TB-17-Long22 R2 = .64 RA2= 1.47525 Temp = 267.833



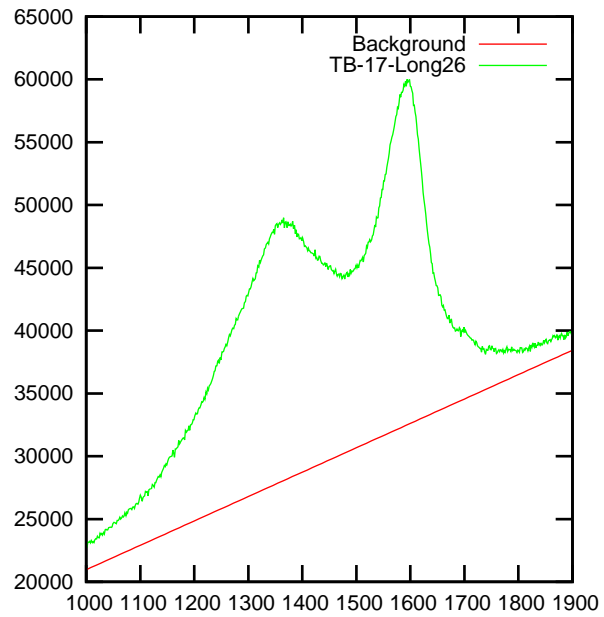


TB-17-Long24 = Noisy

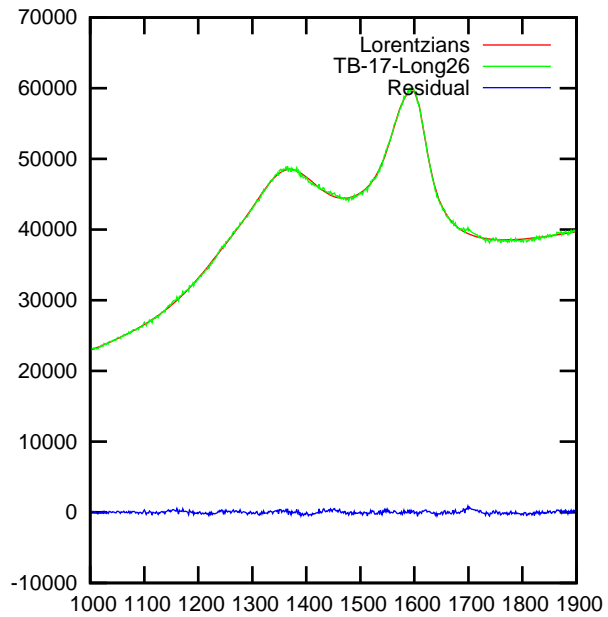




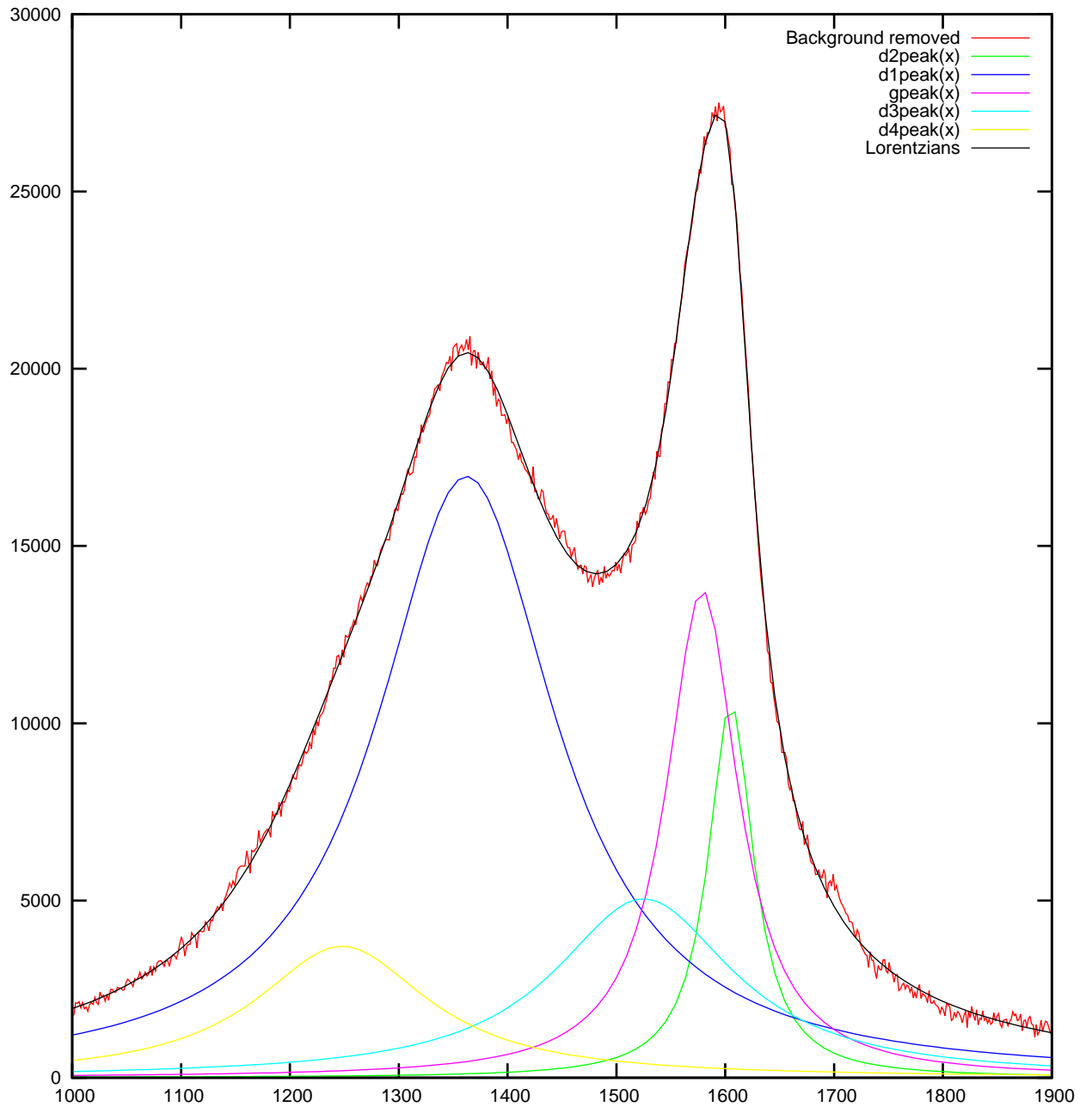
TB-17-Long26

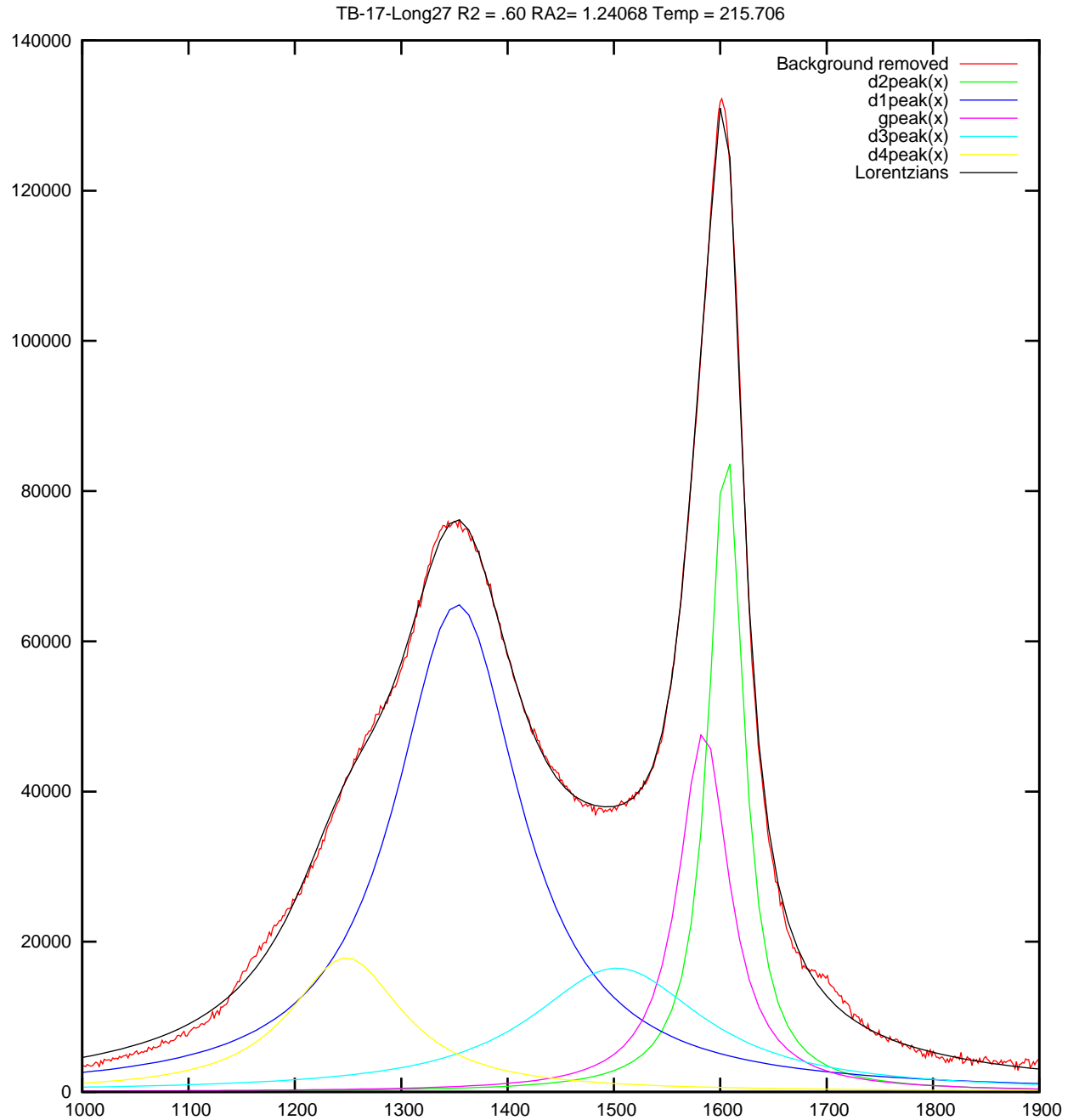
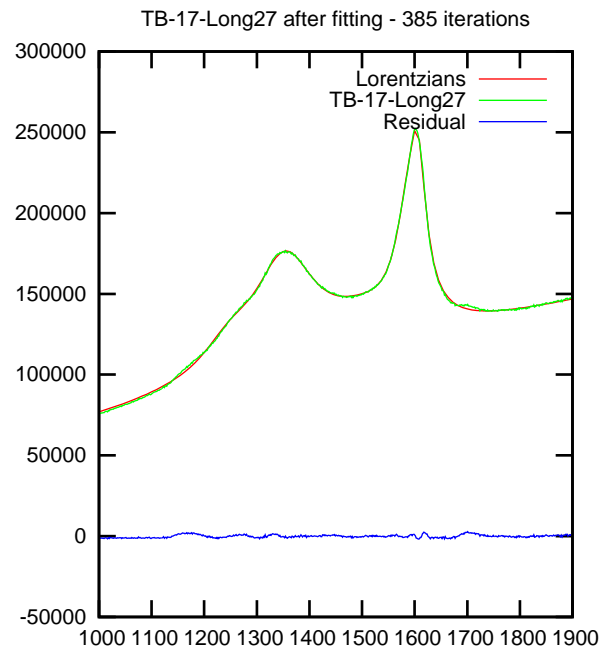
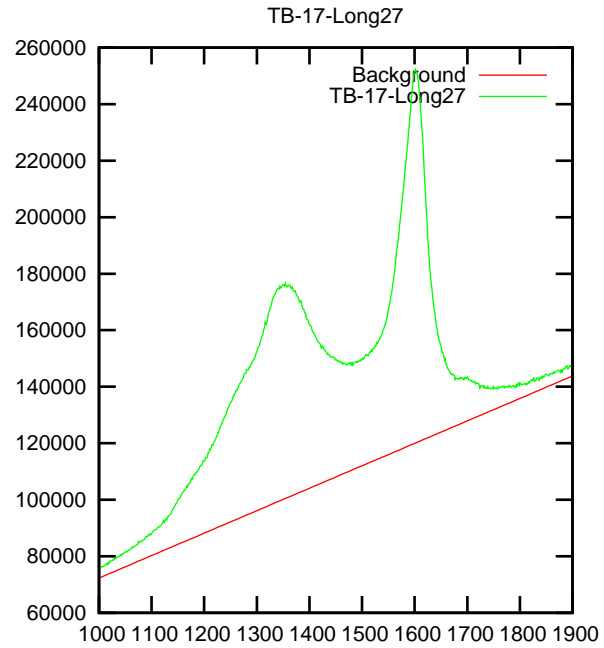


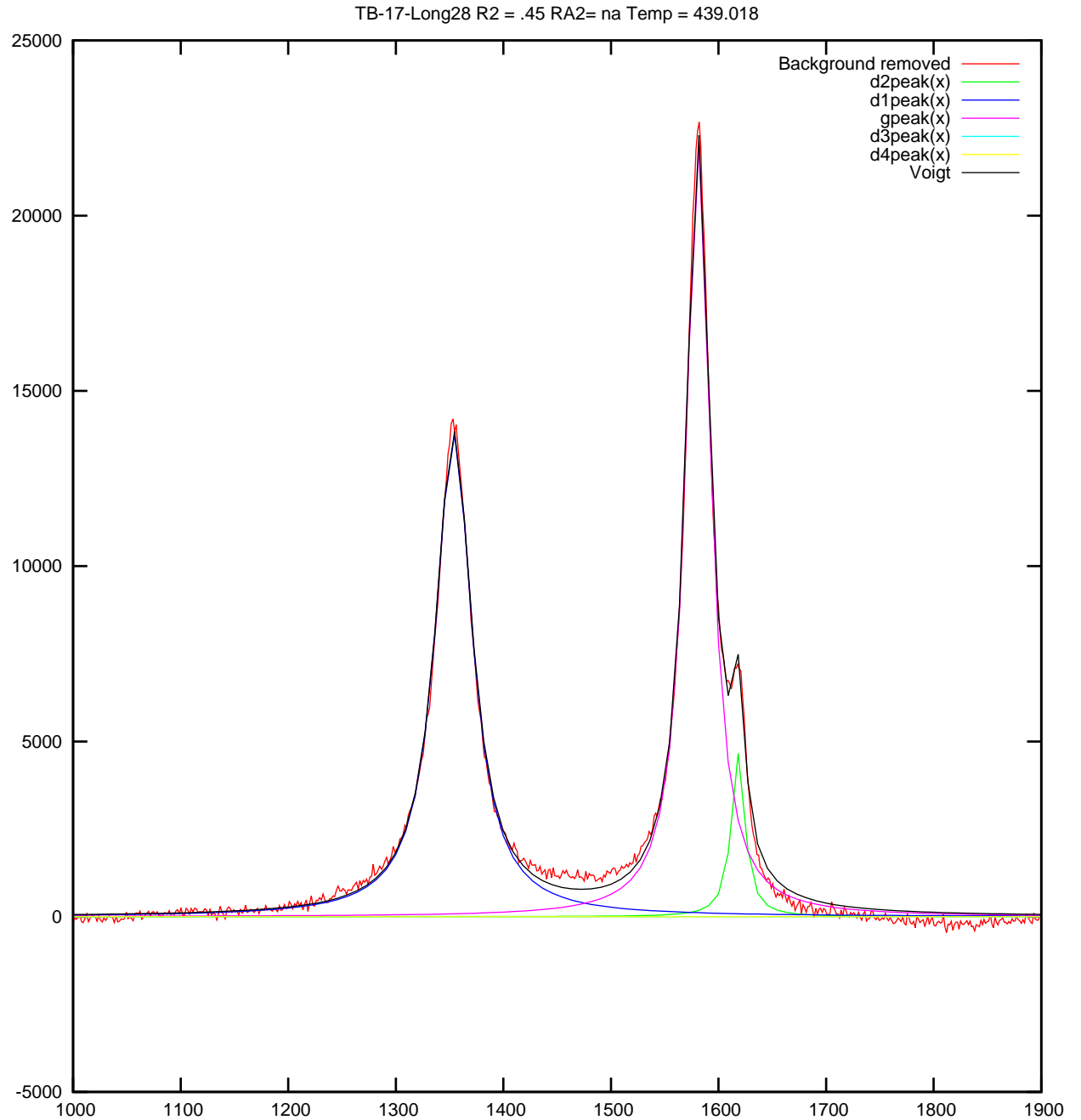
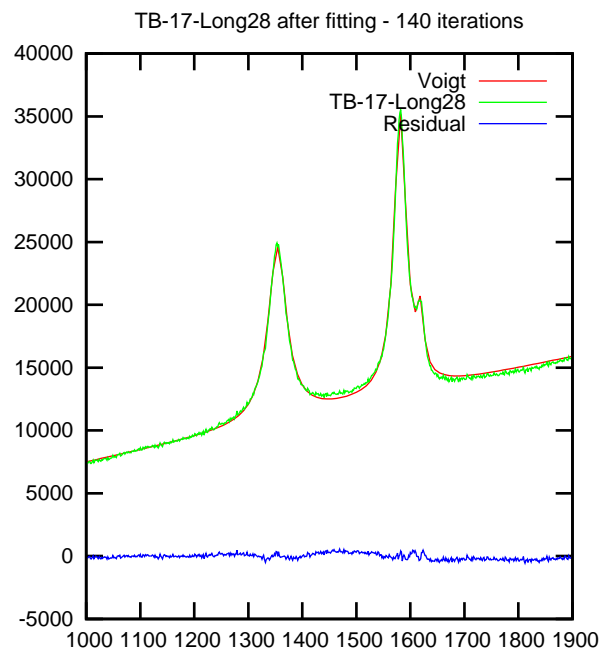
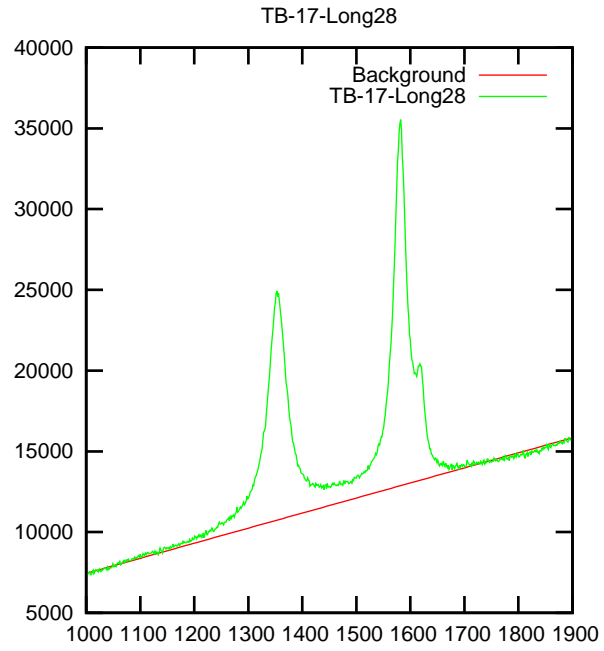
TB-17-Long26 after fitting - 107 iterations

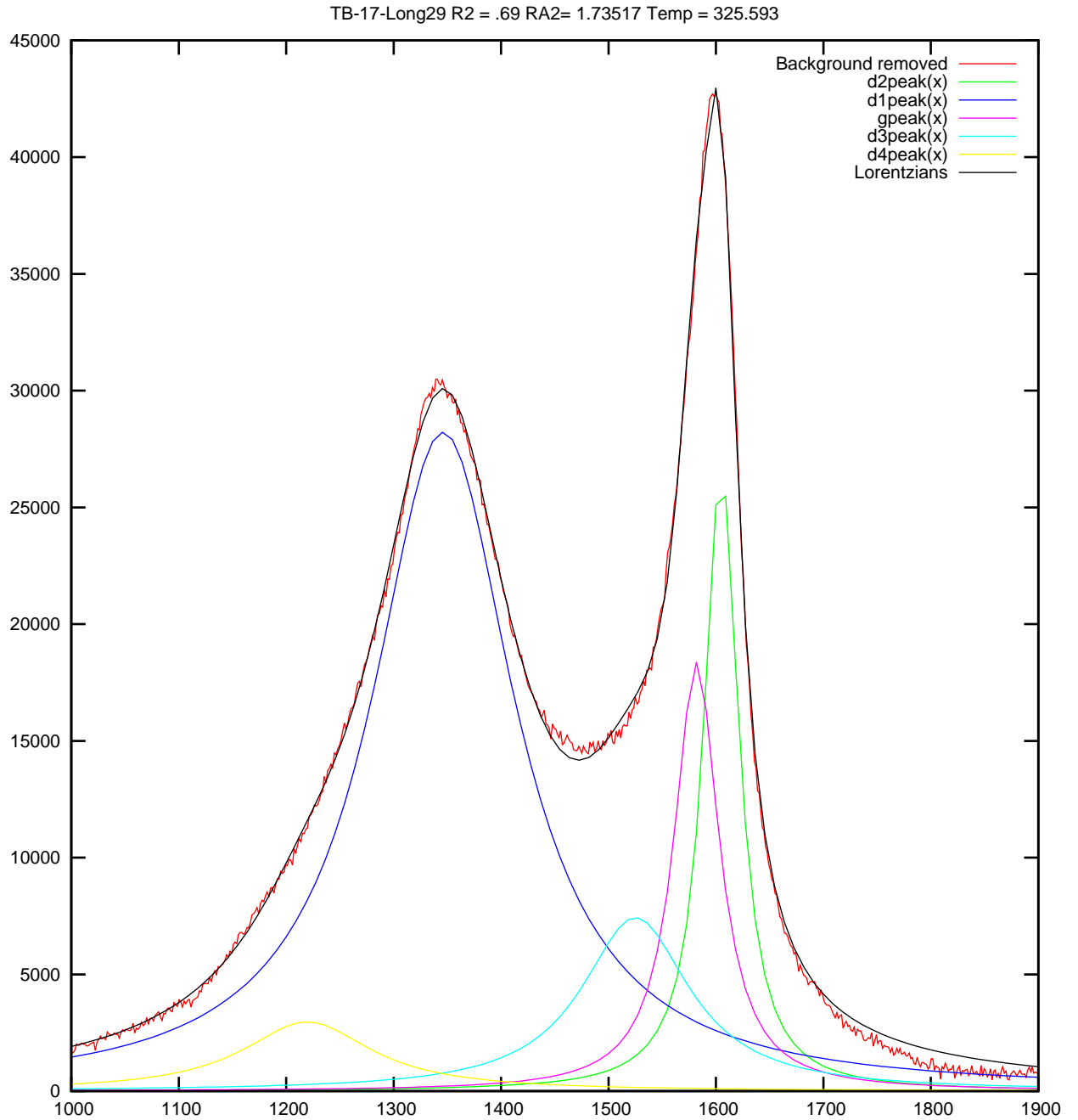
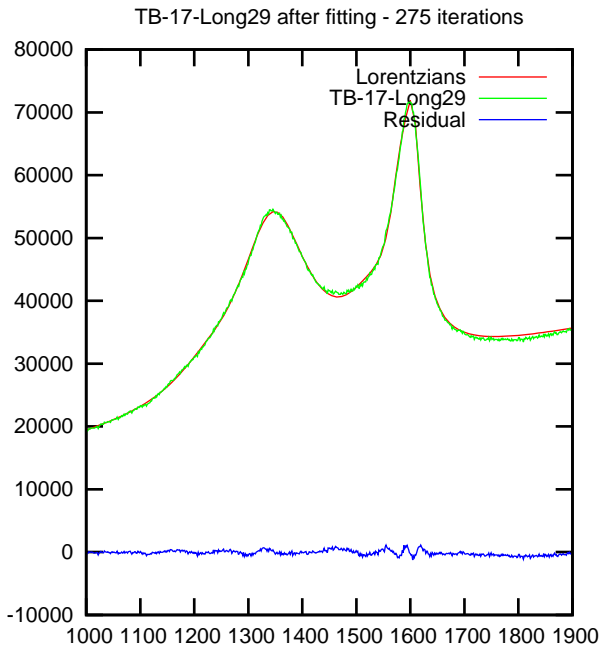
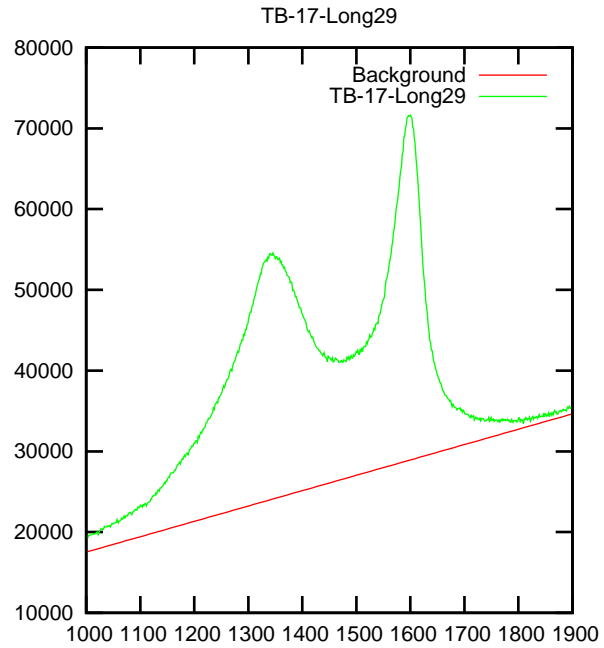


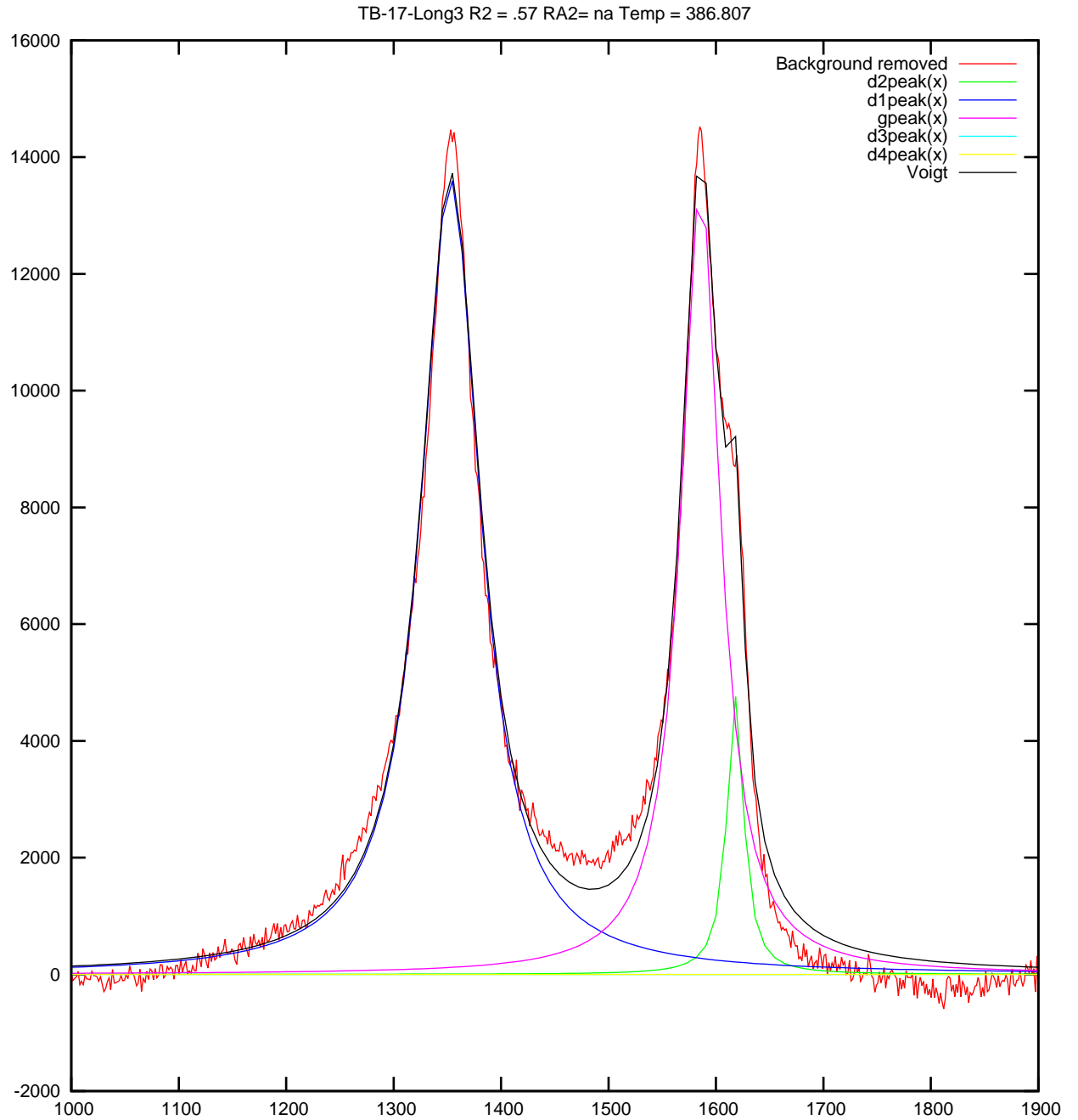
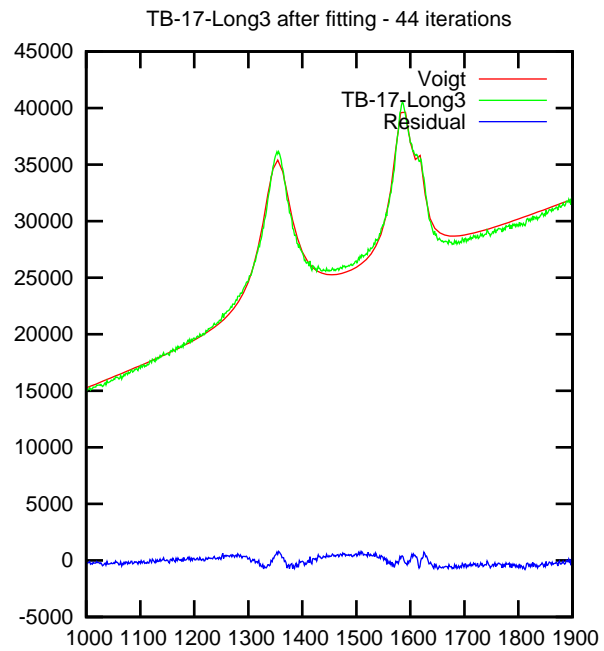
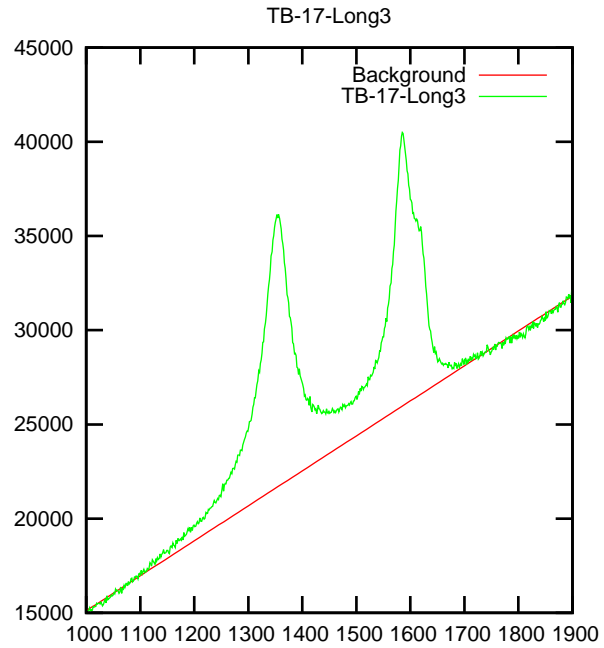
TB-17-Long26 R2 = .67 RA2= 1.55330 Temp = 285.177

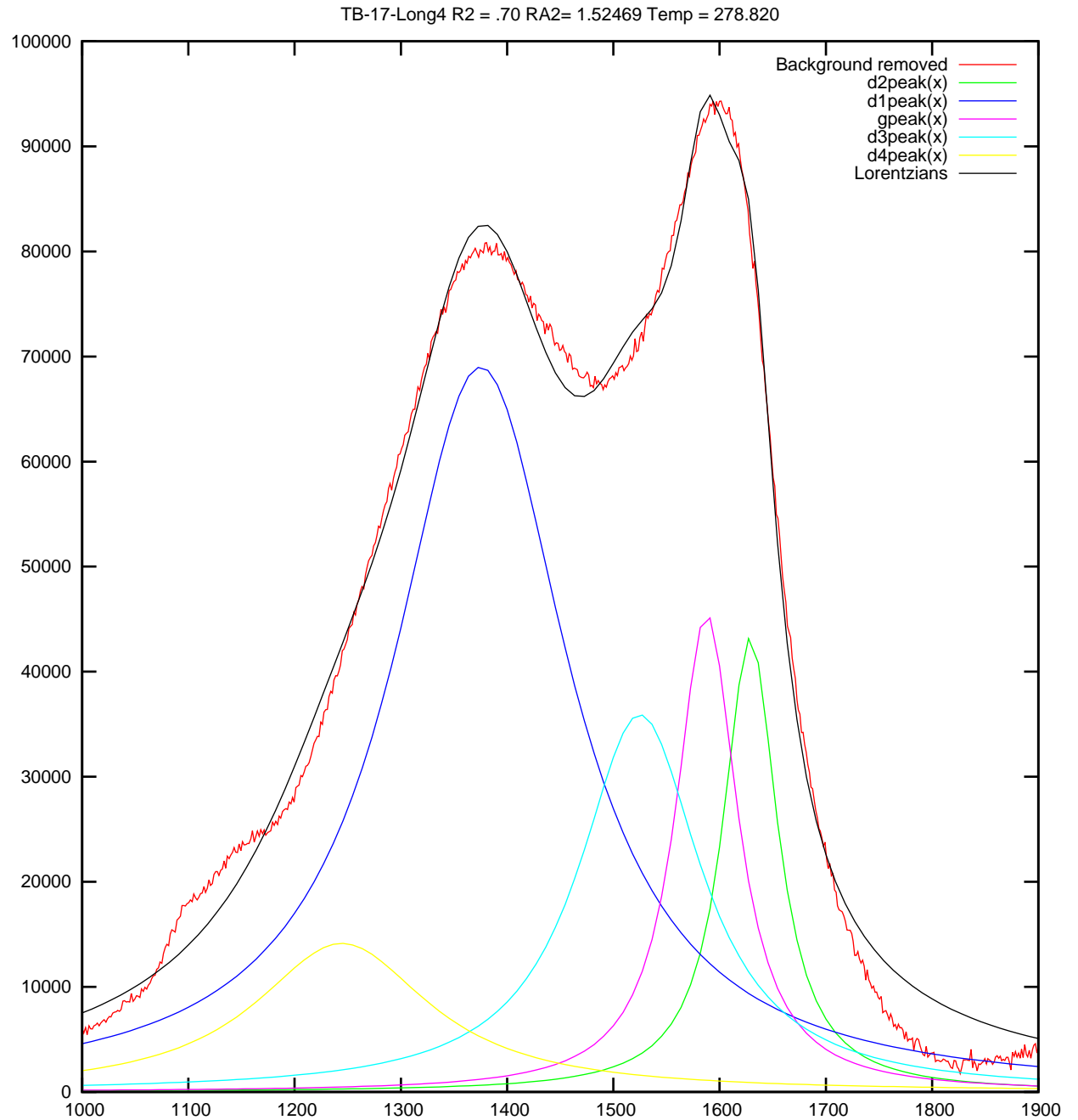
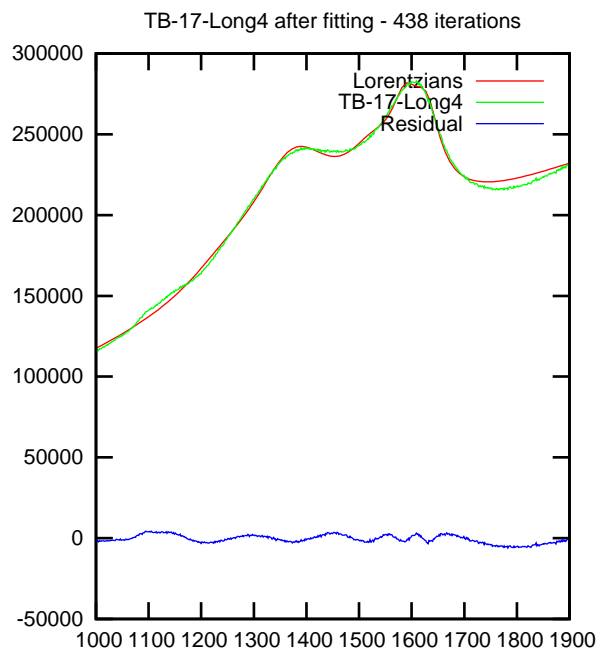
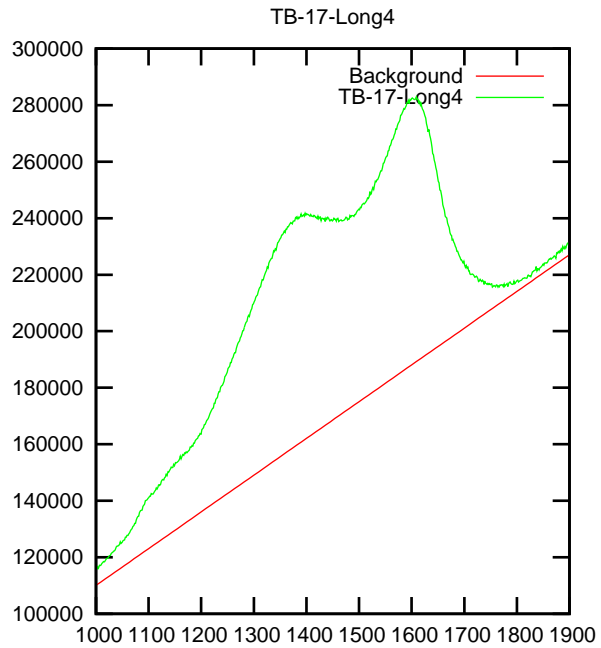


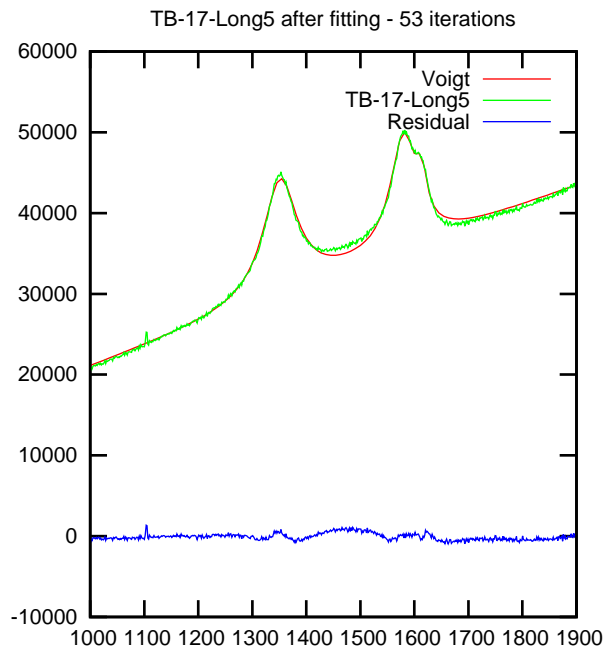
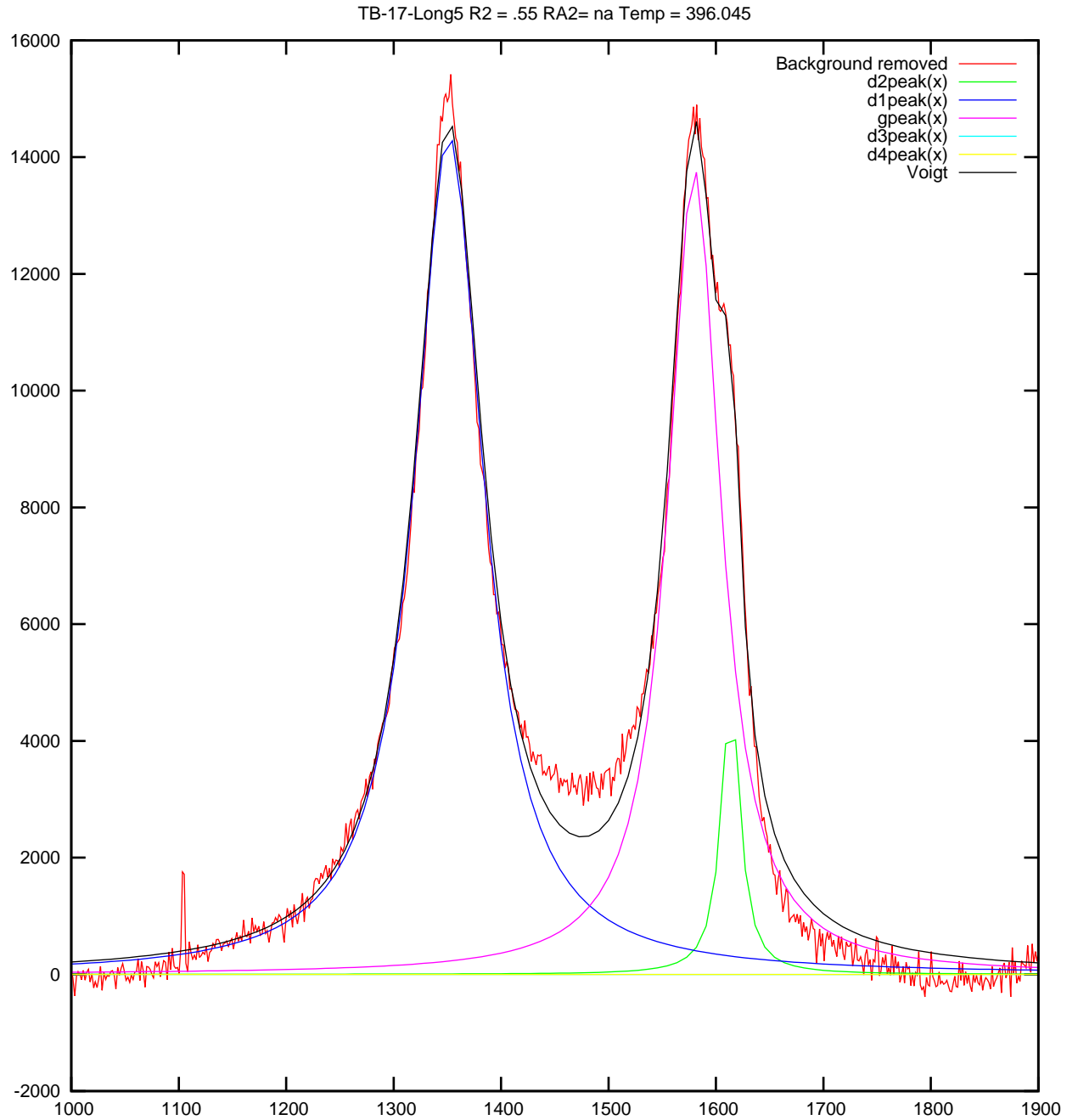
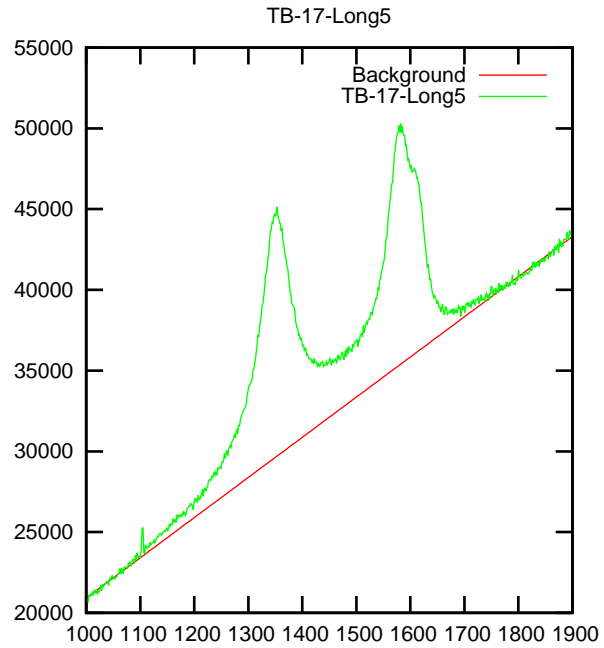


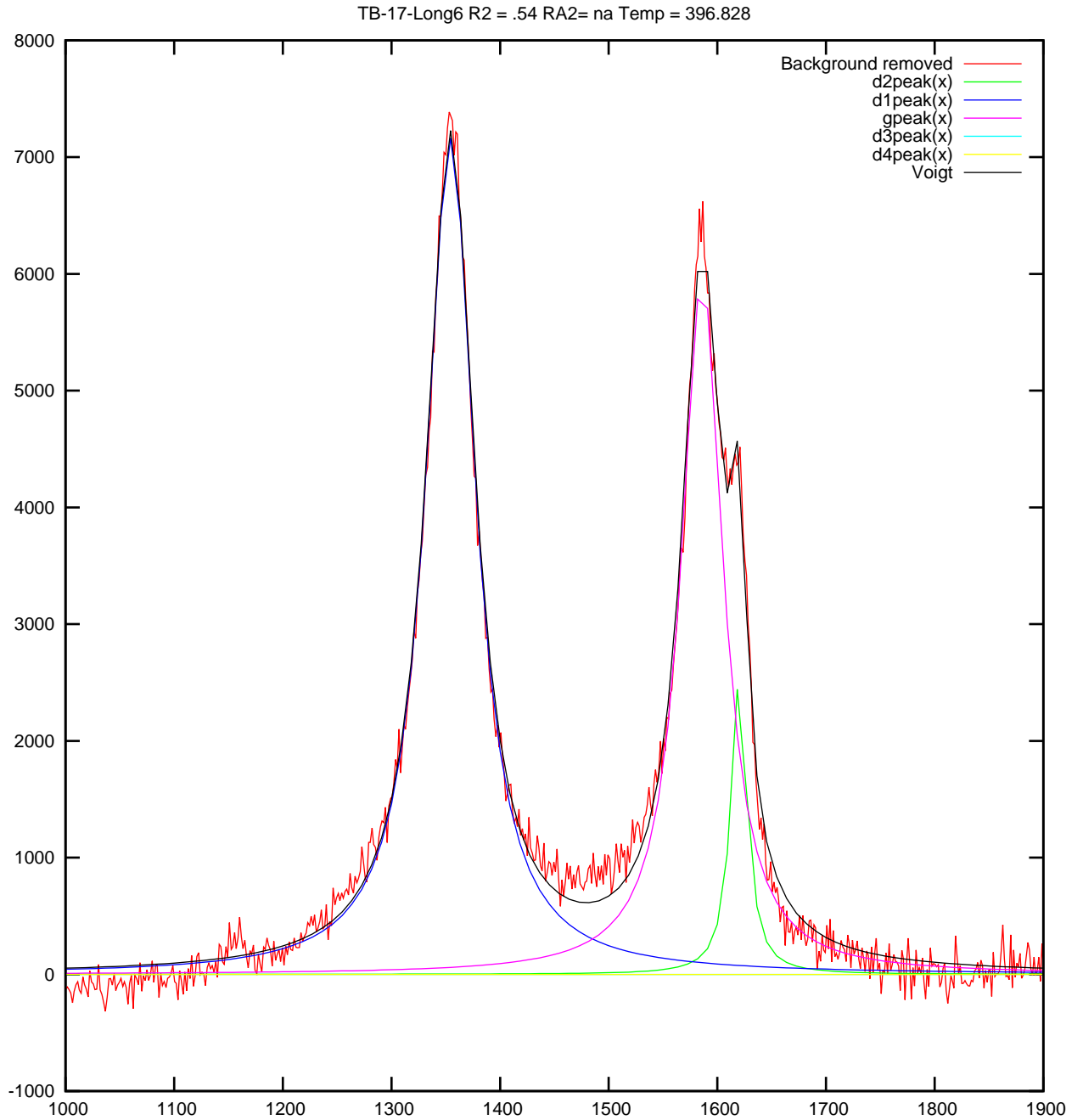
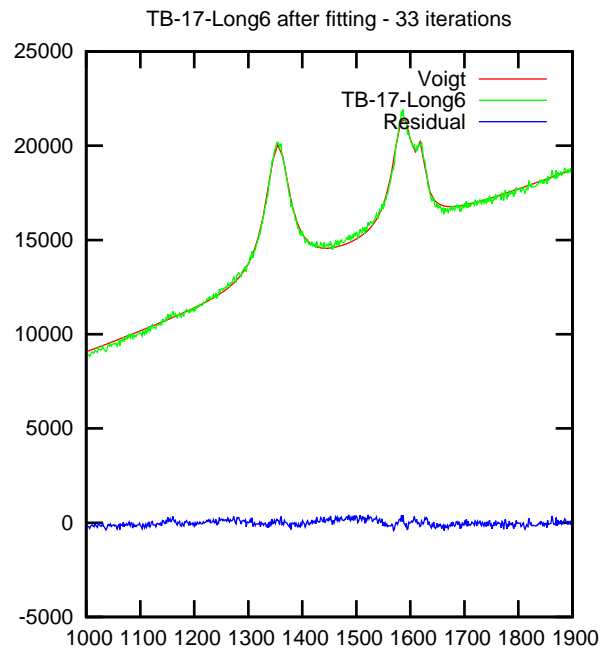
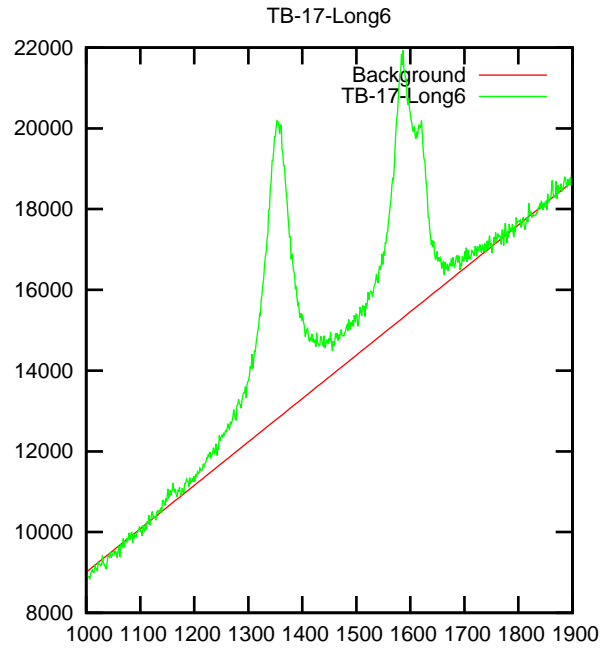


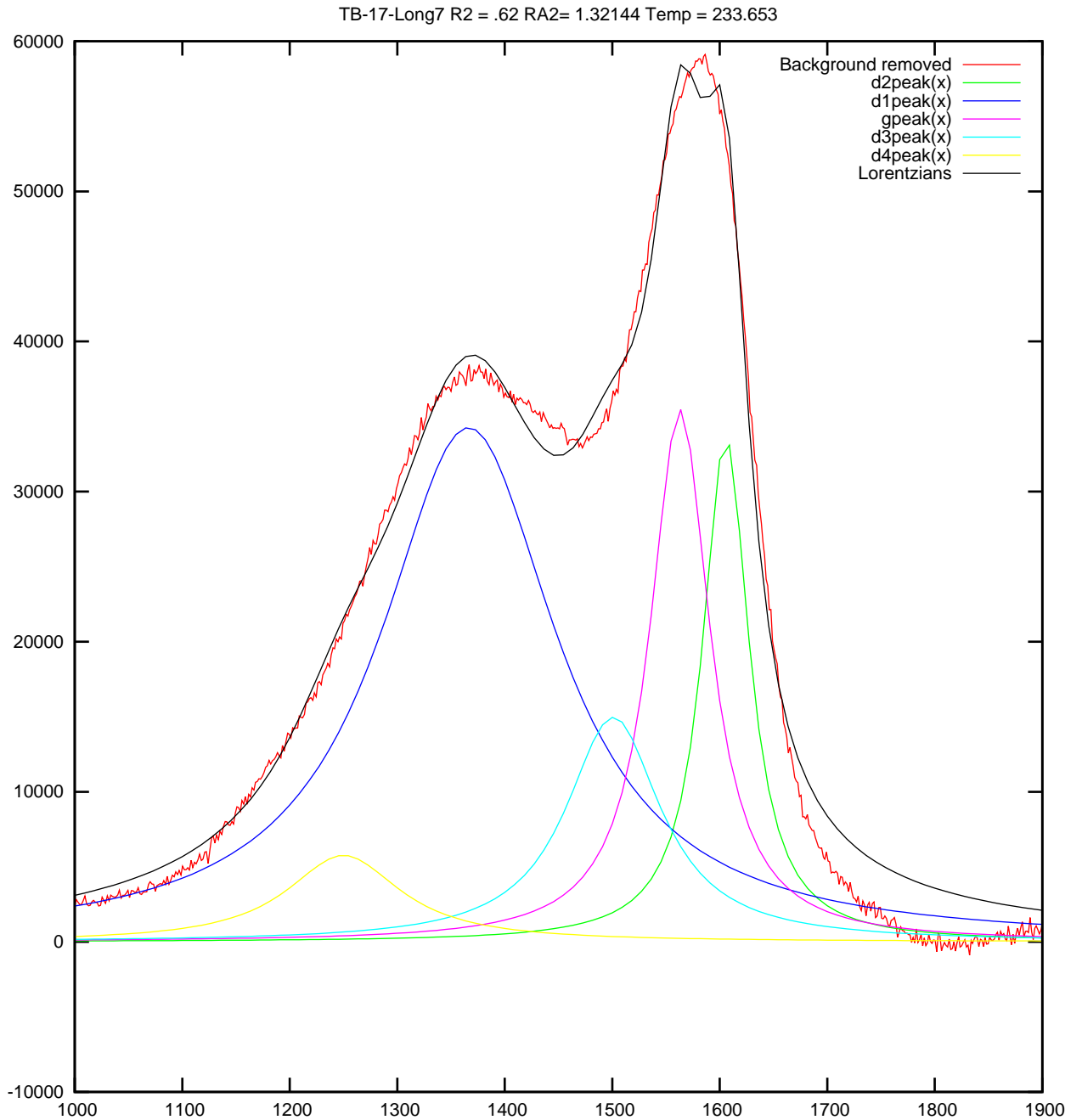
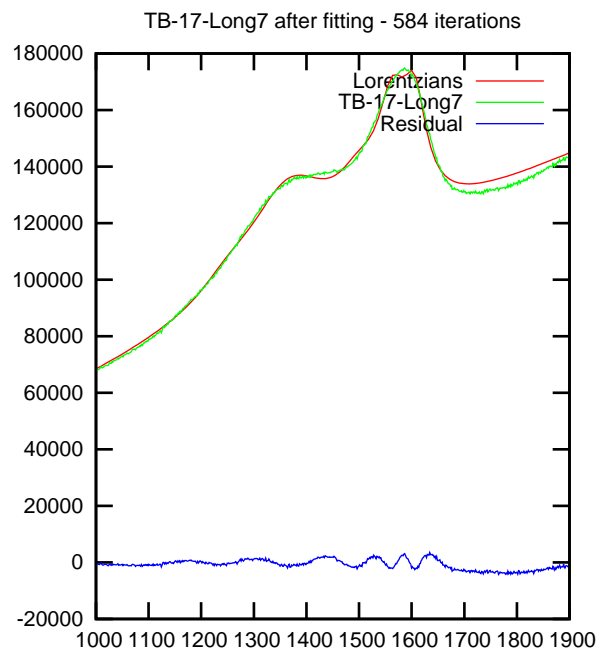
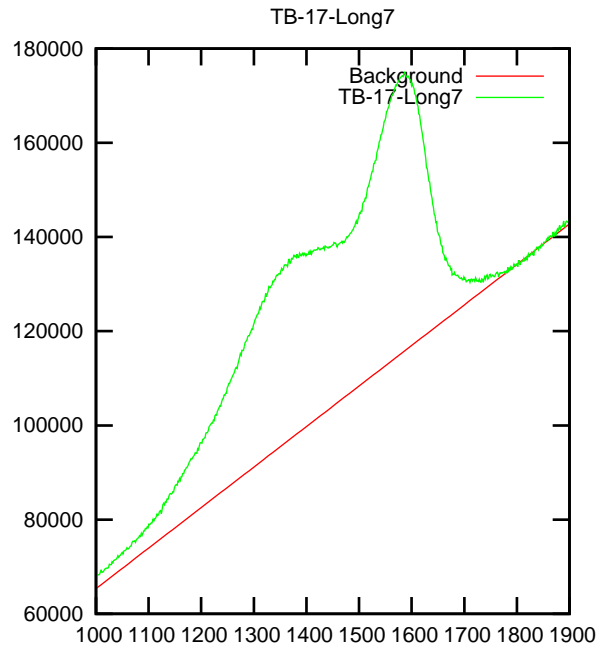


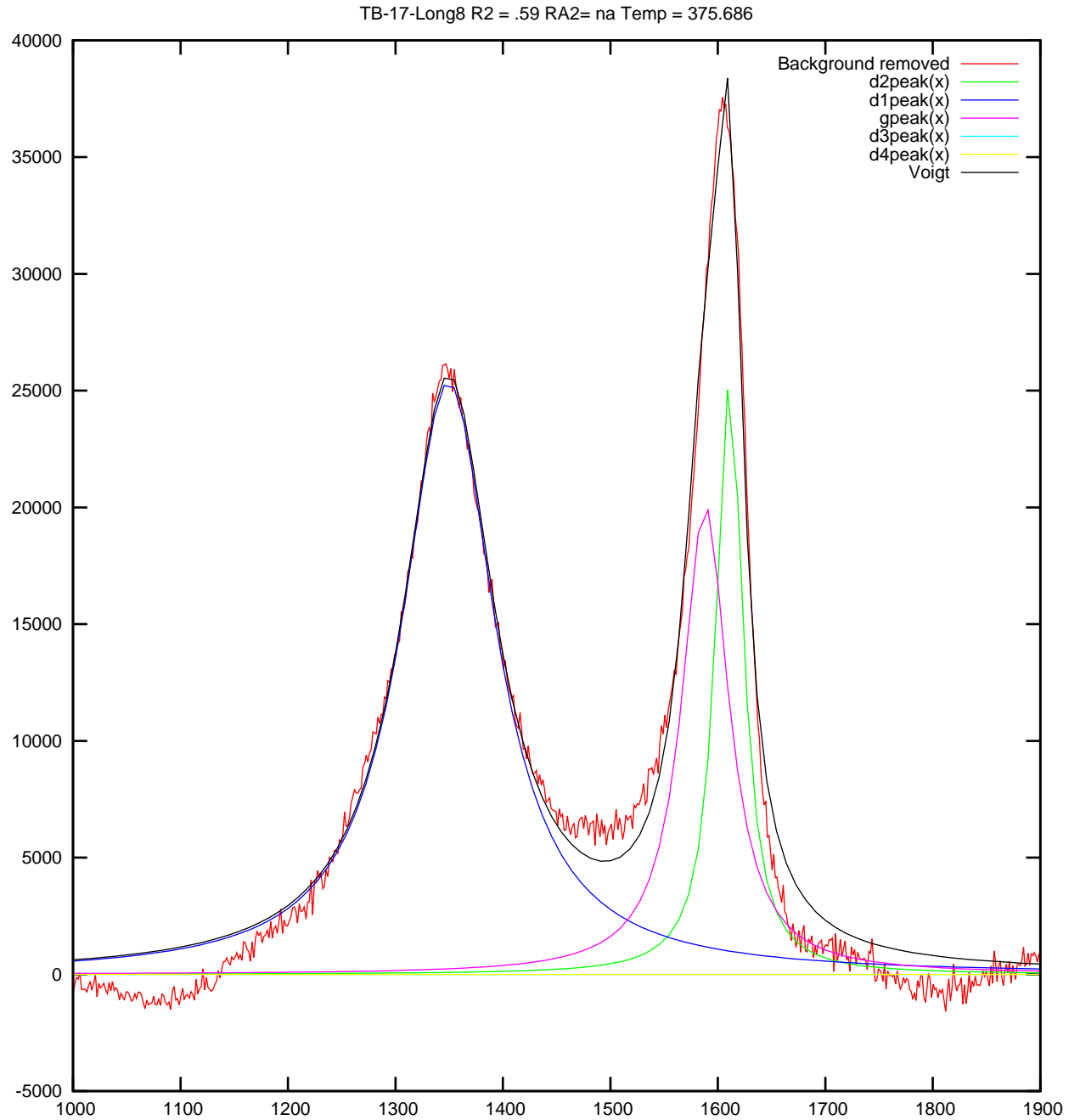
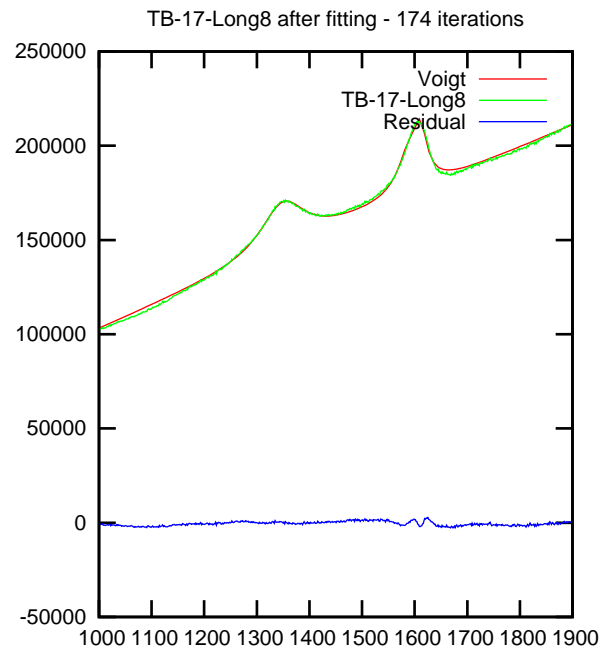
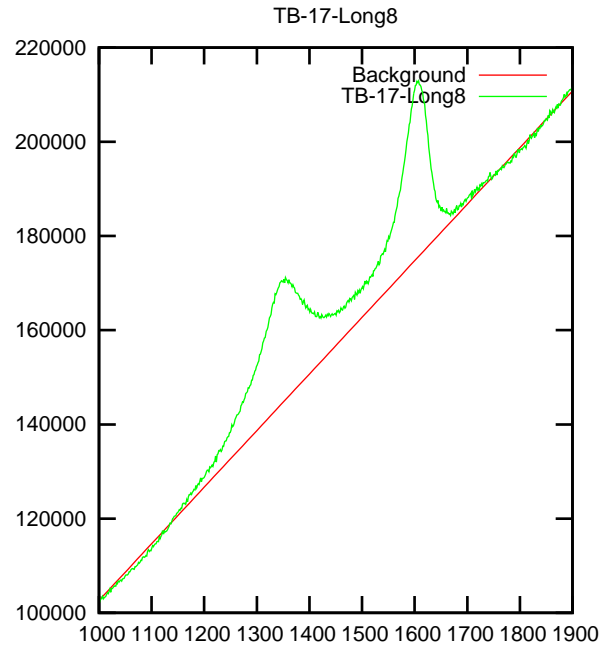


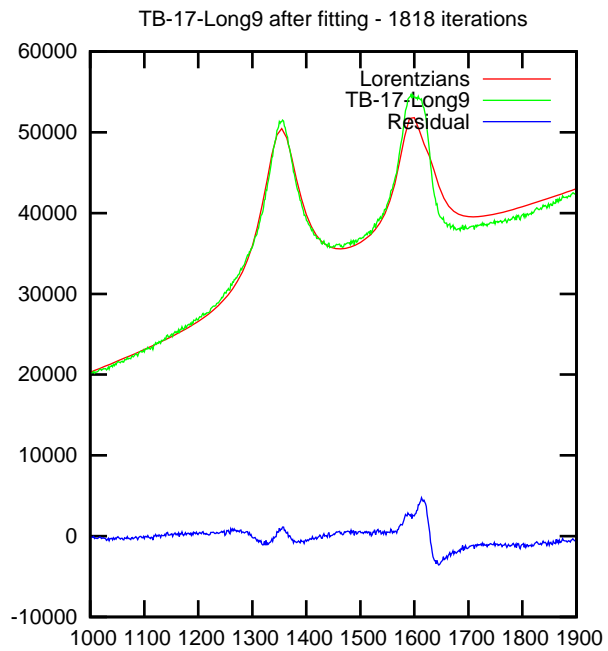
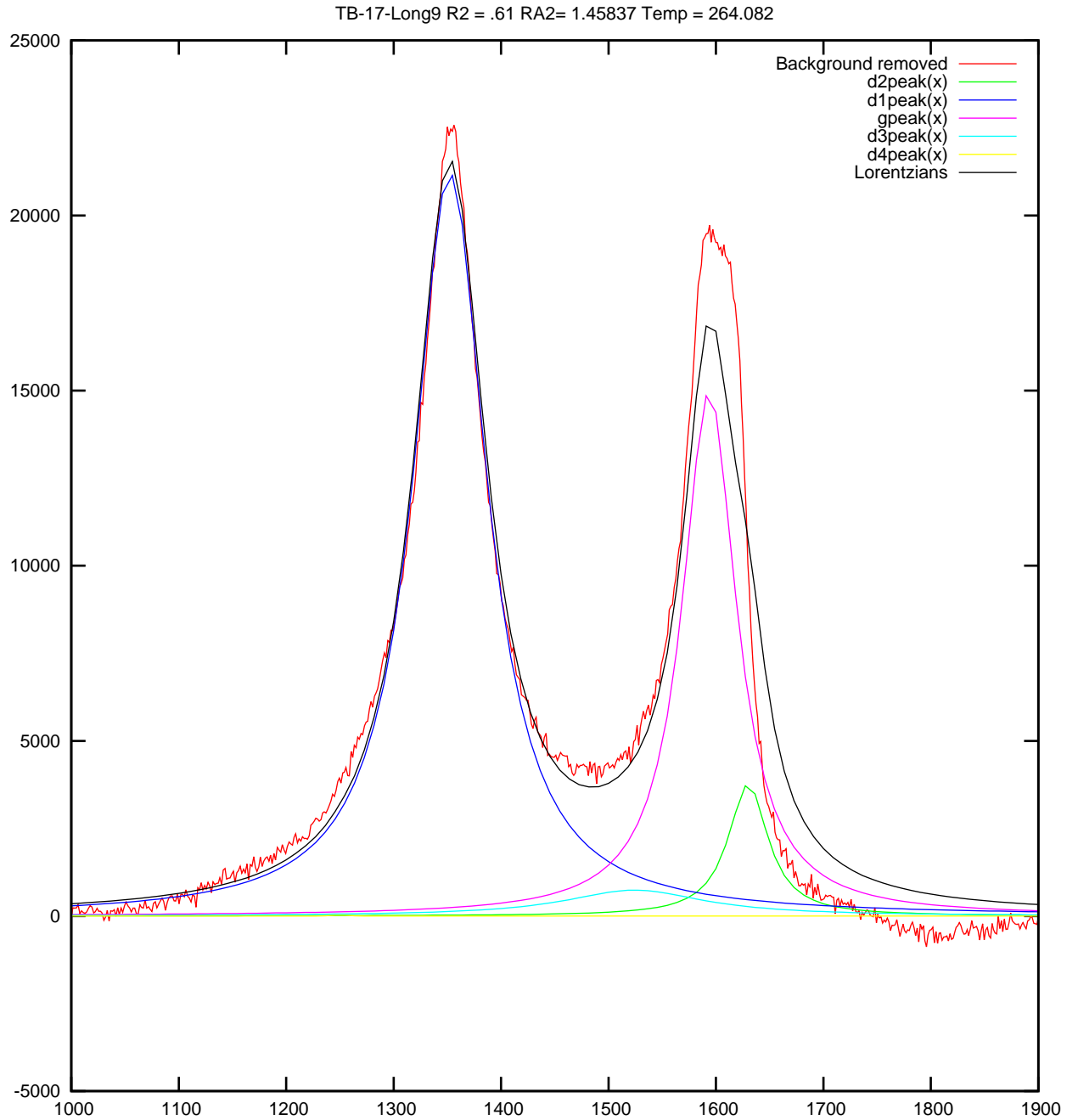
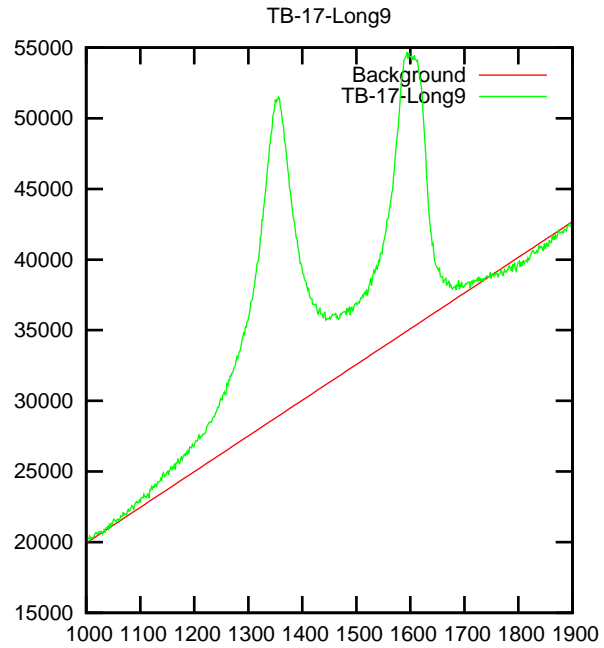




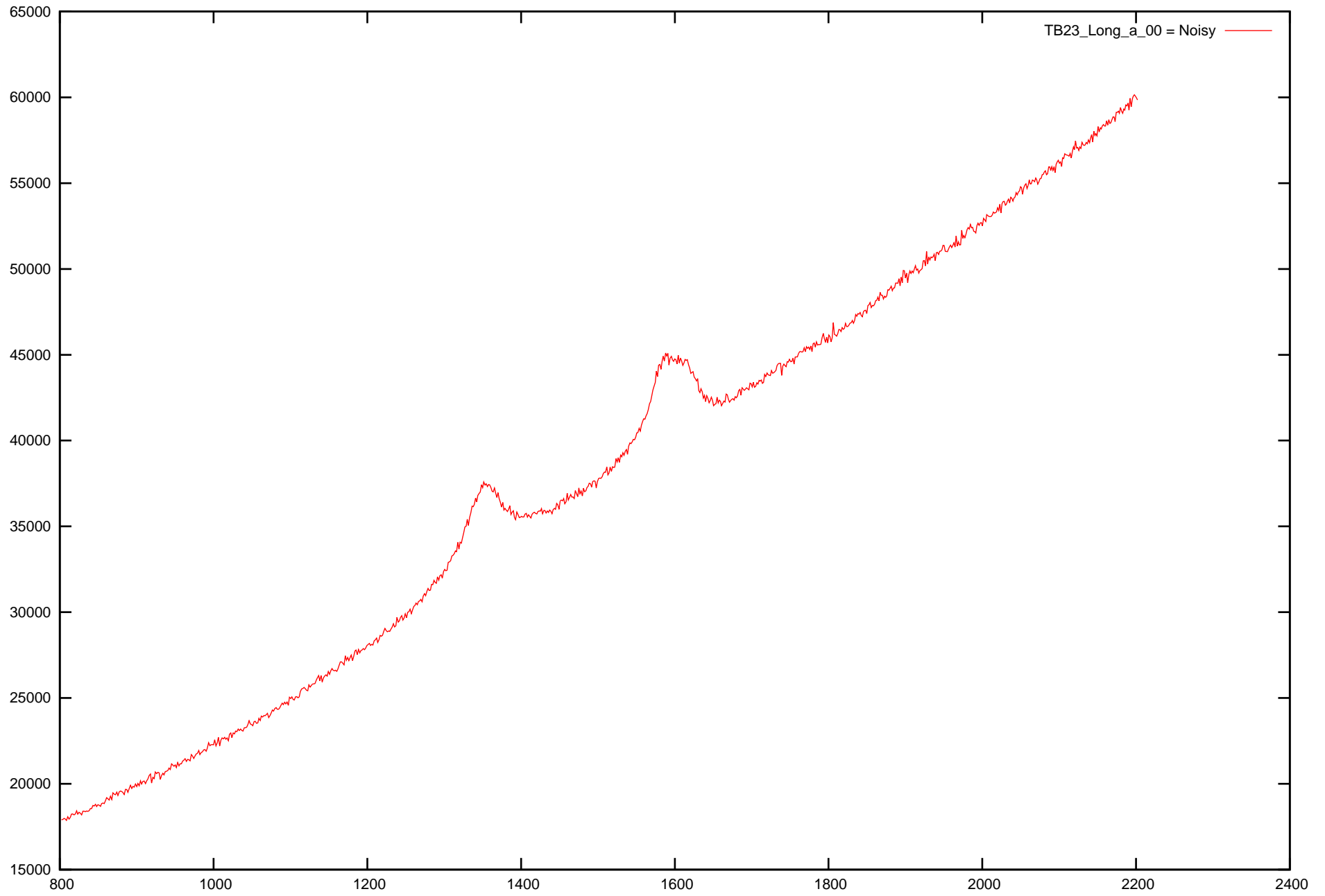


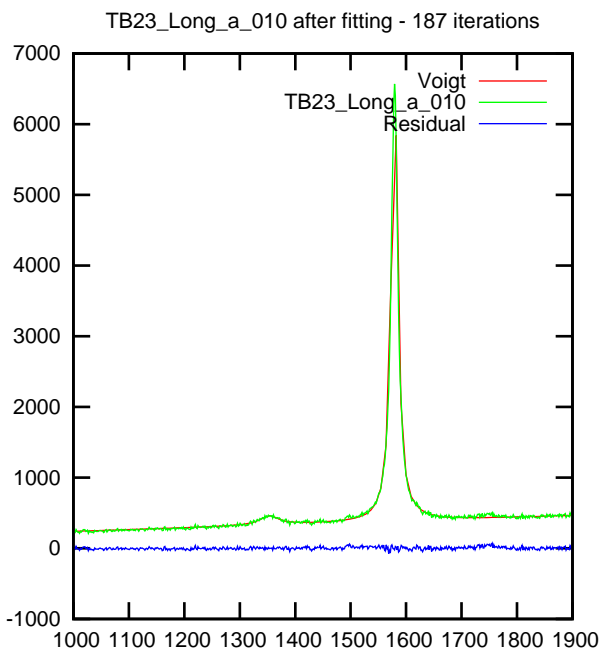
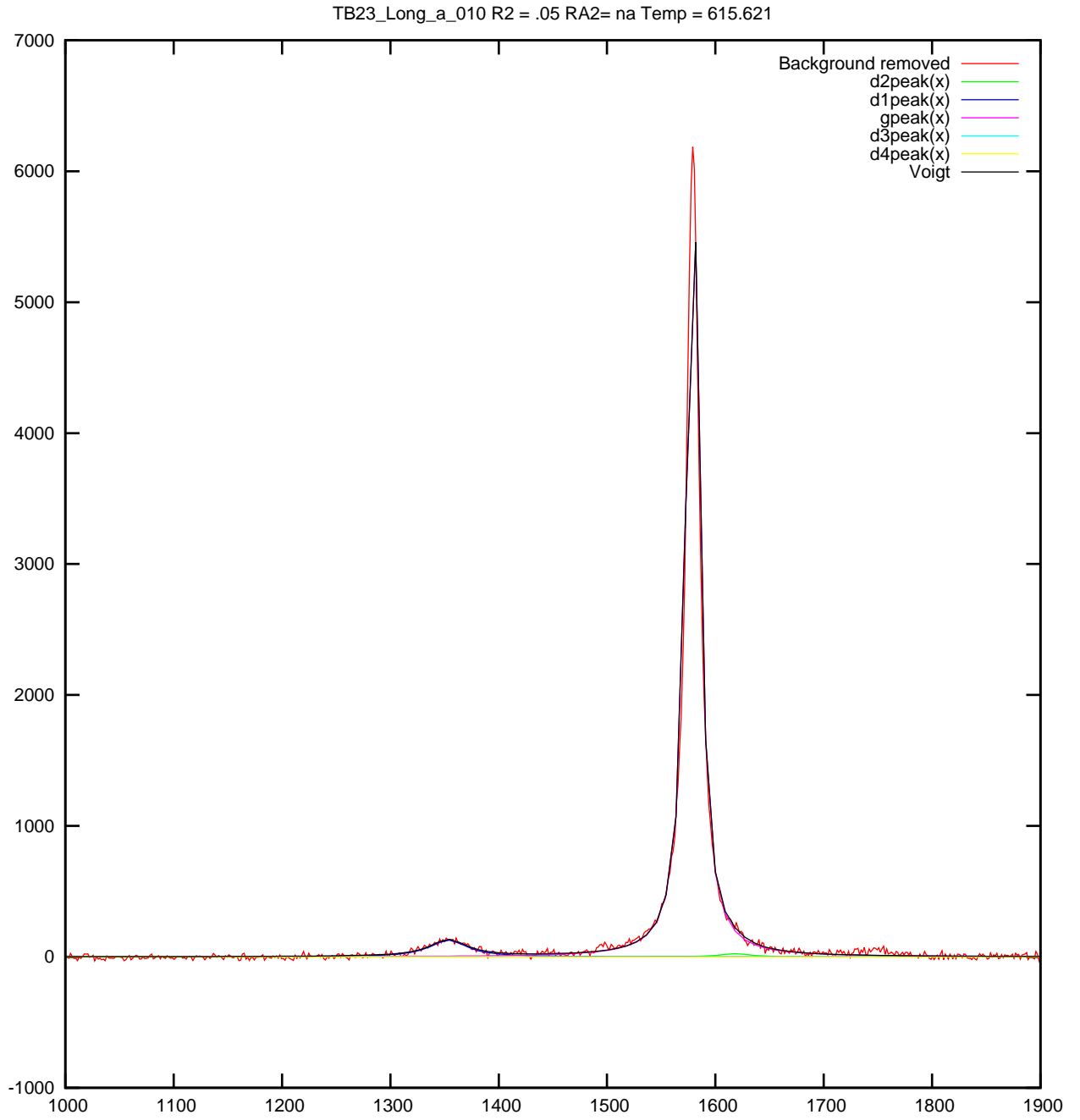
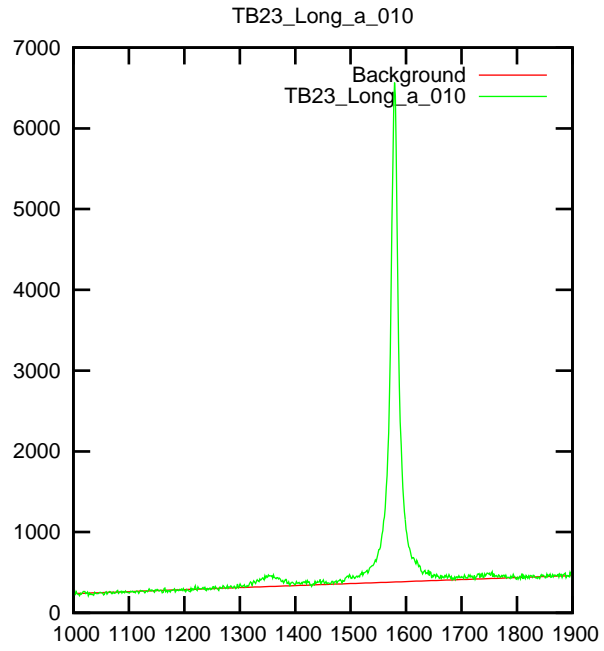


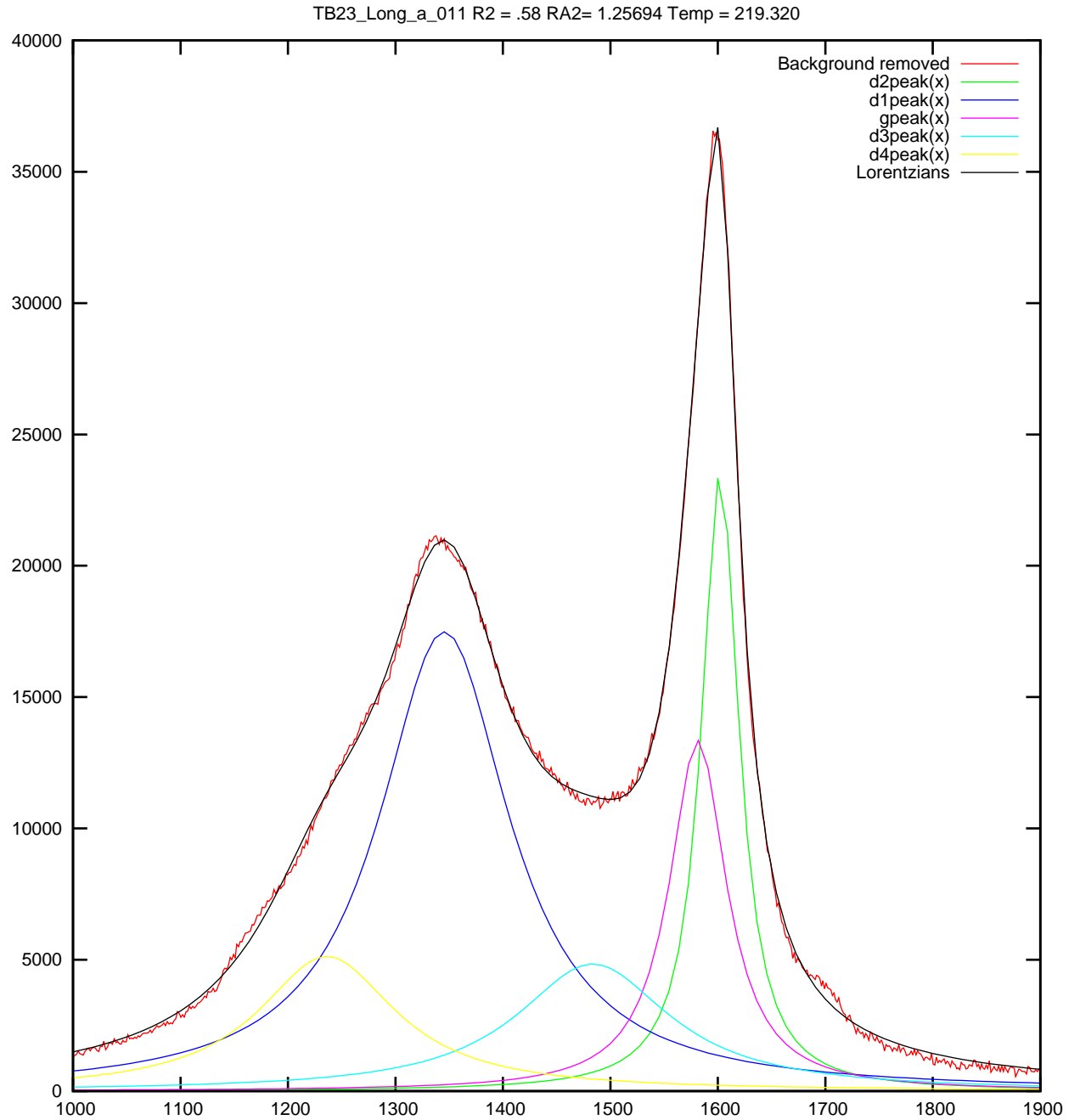
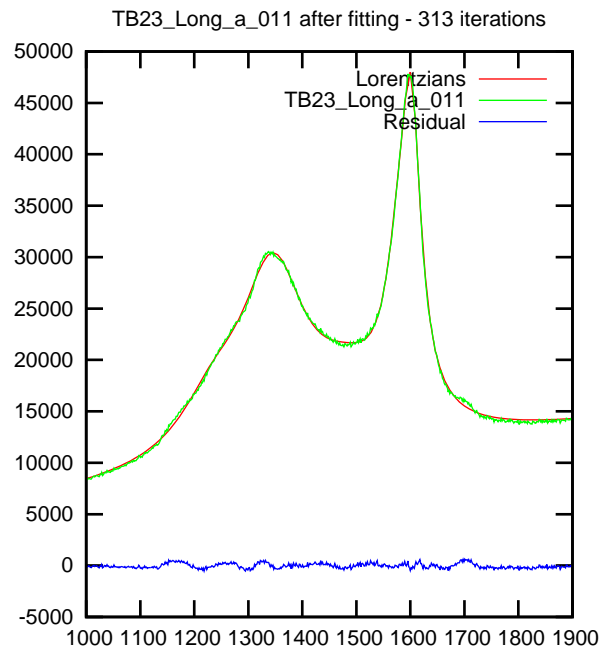
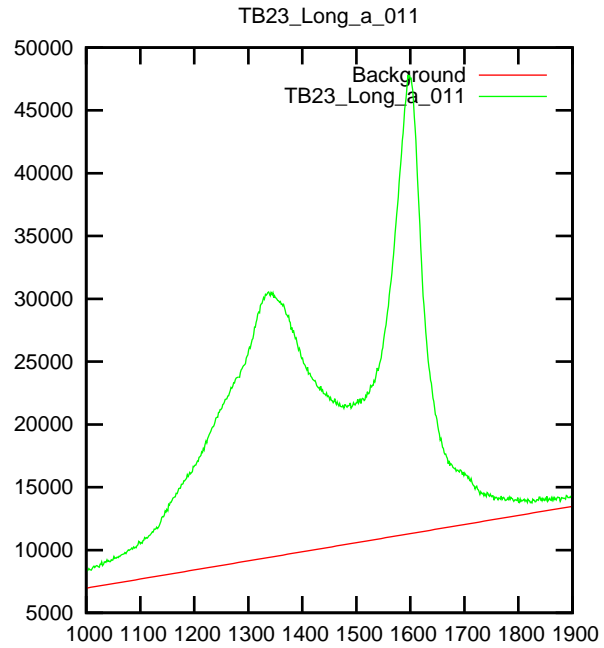




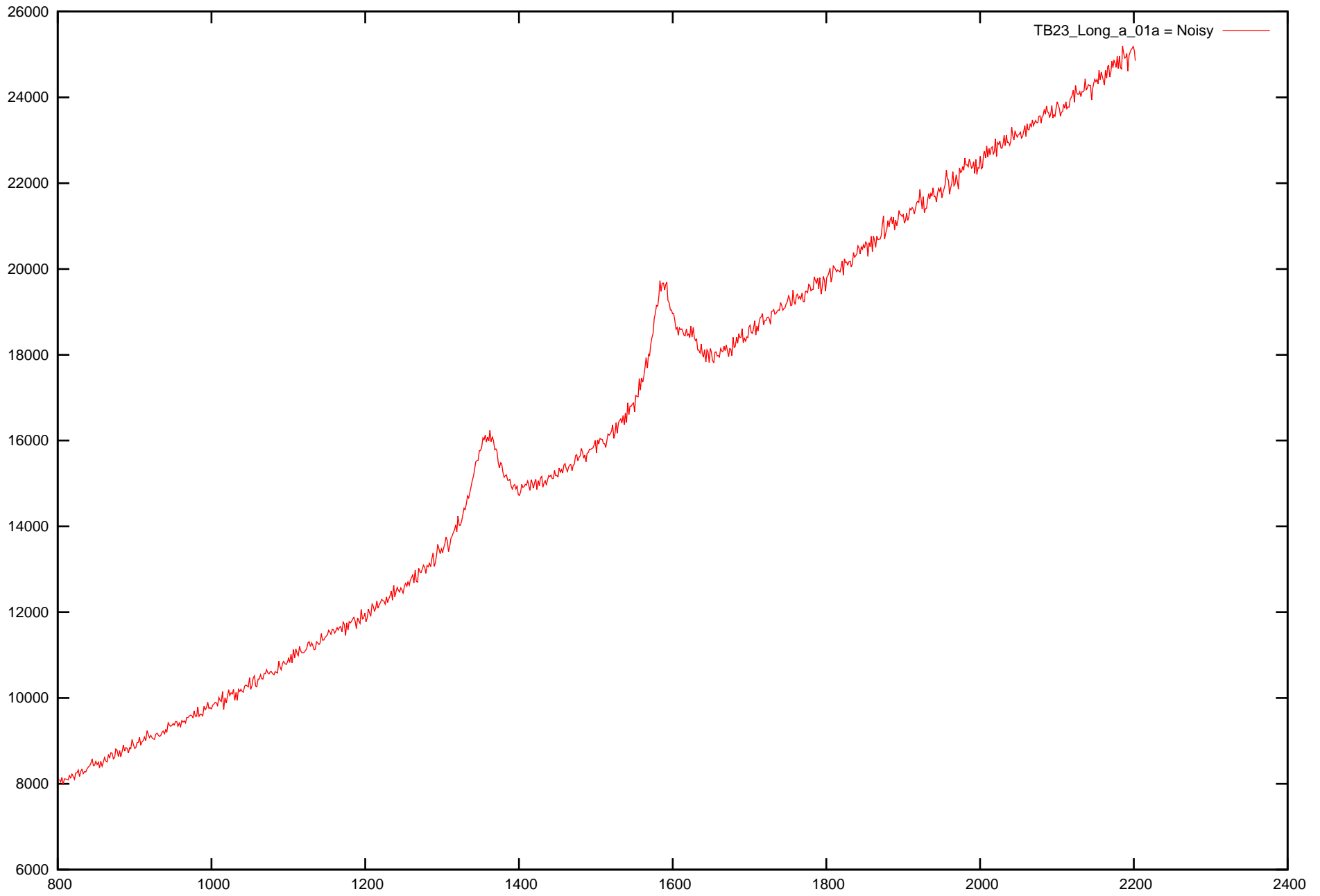
TB23_Long_a_00 = Noisy



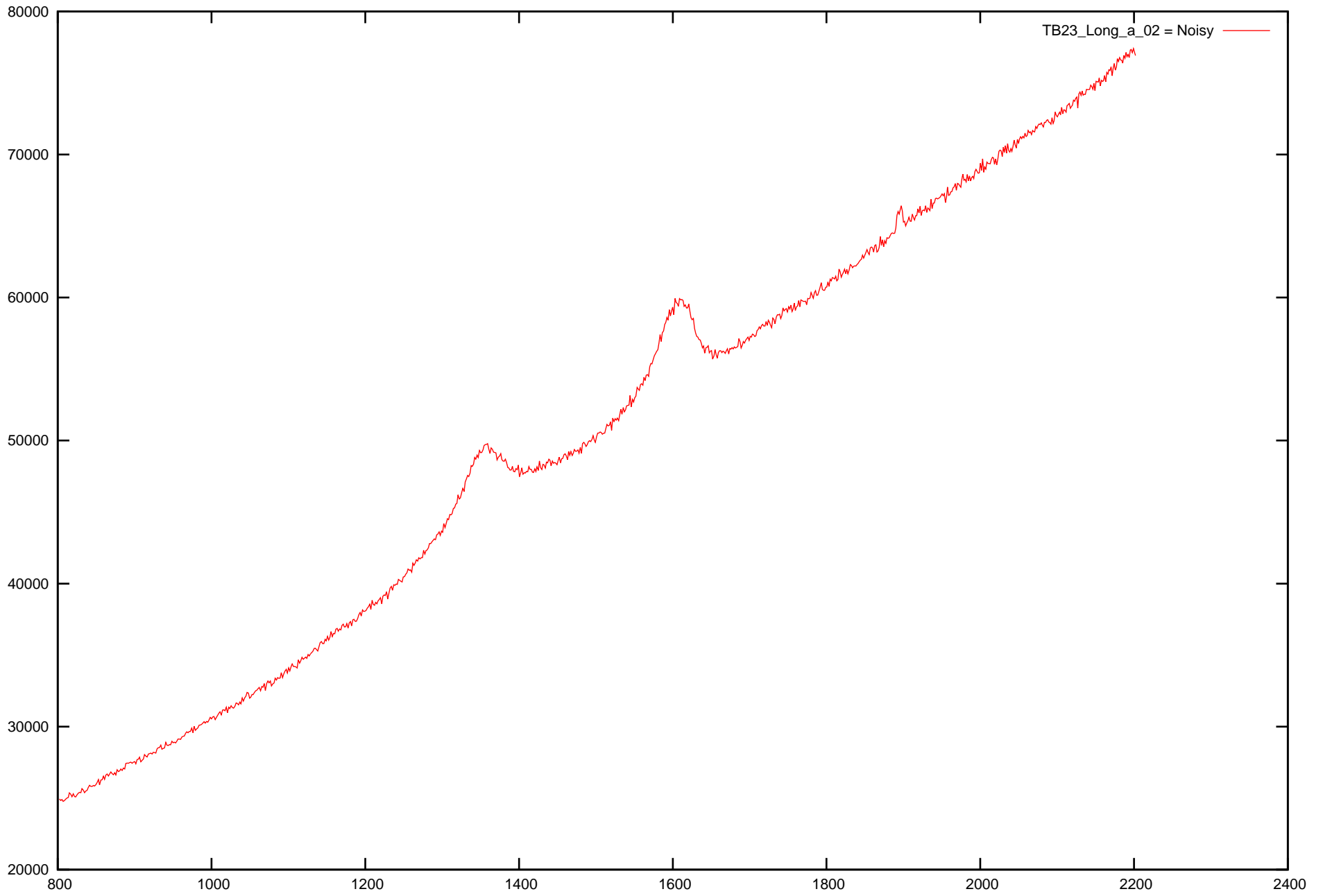


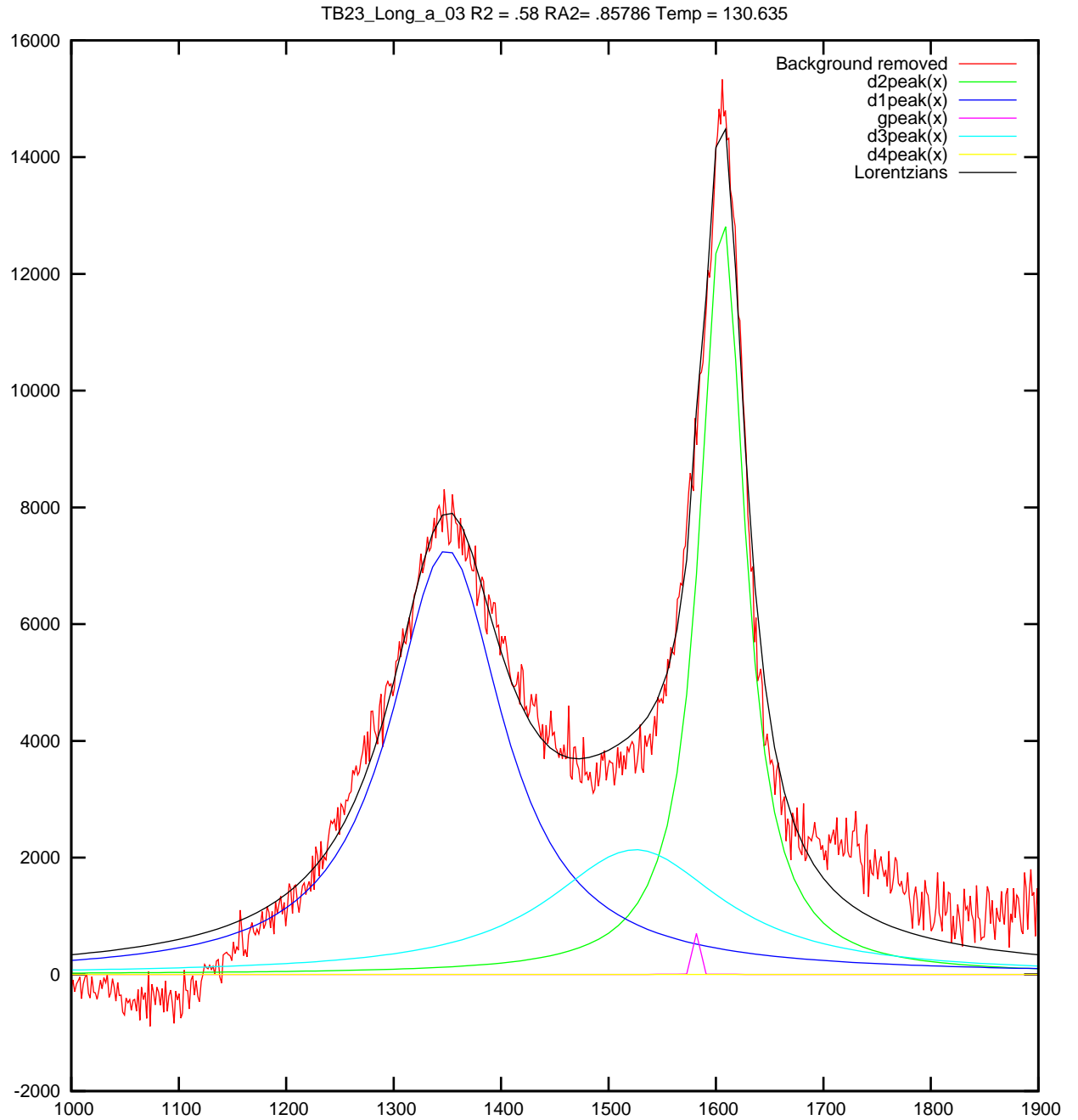
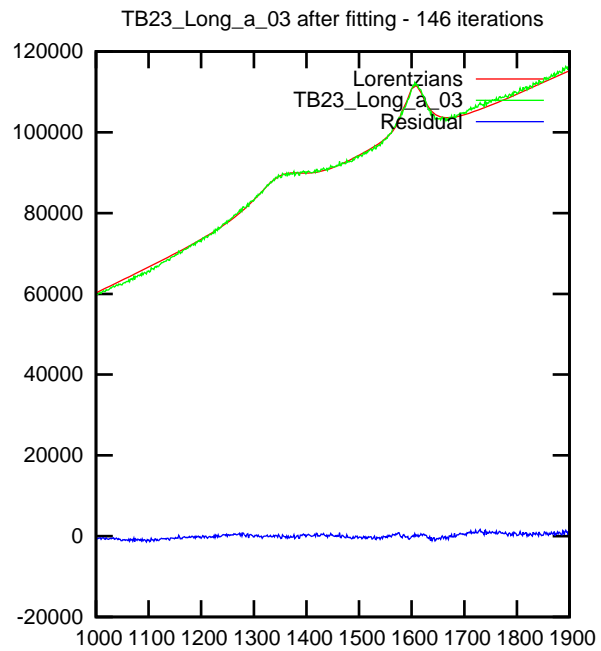
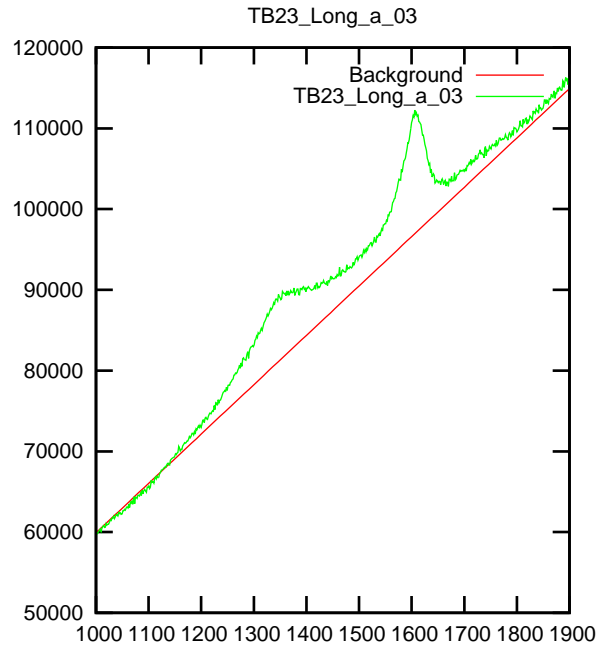


TB23_Long_a_01a = Noisy

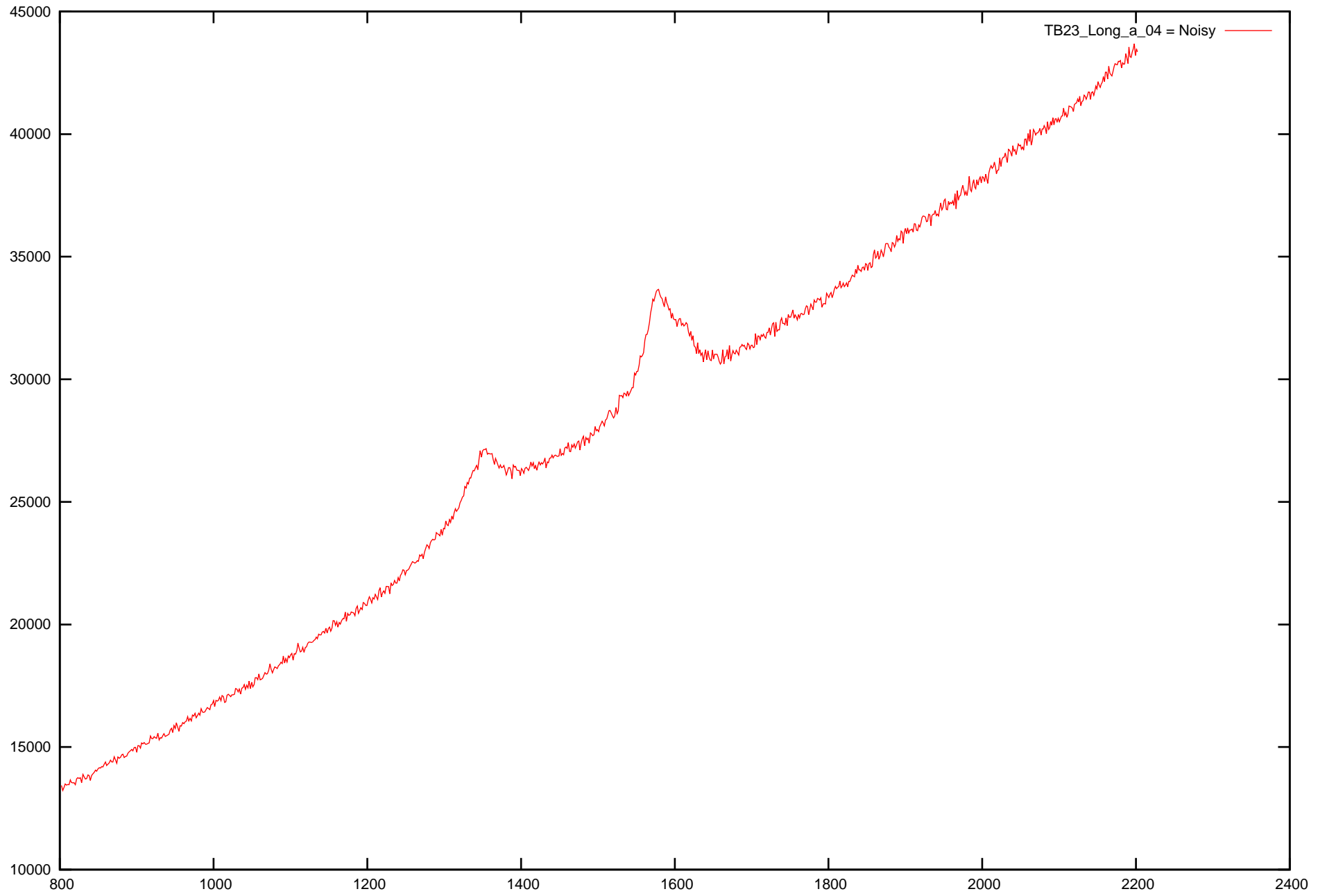


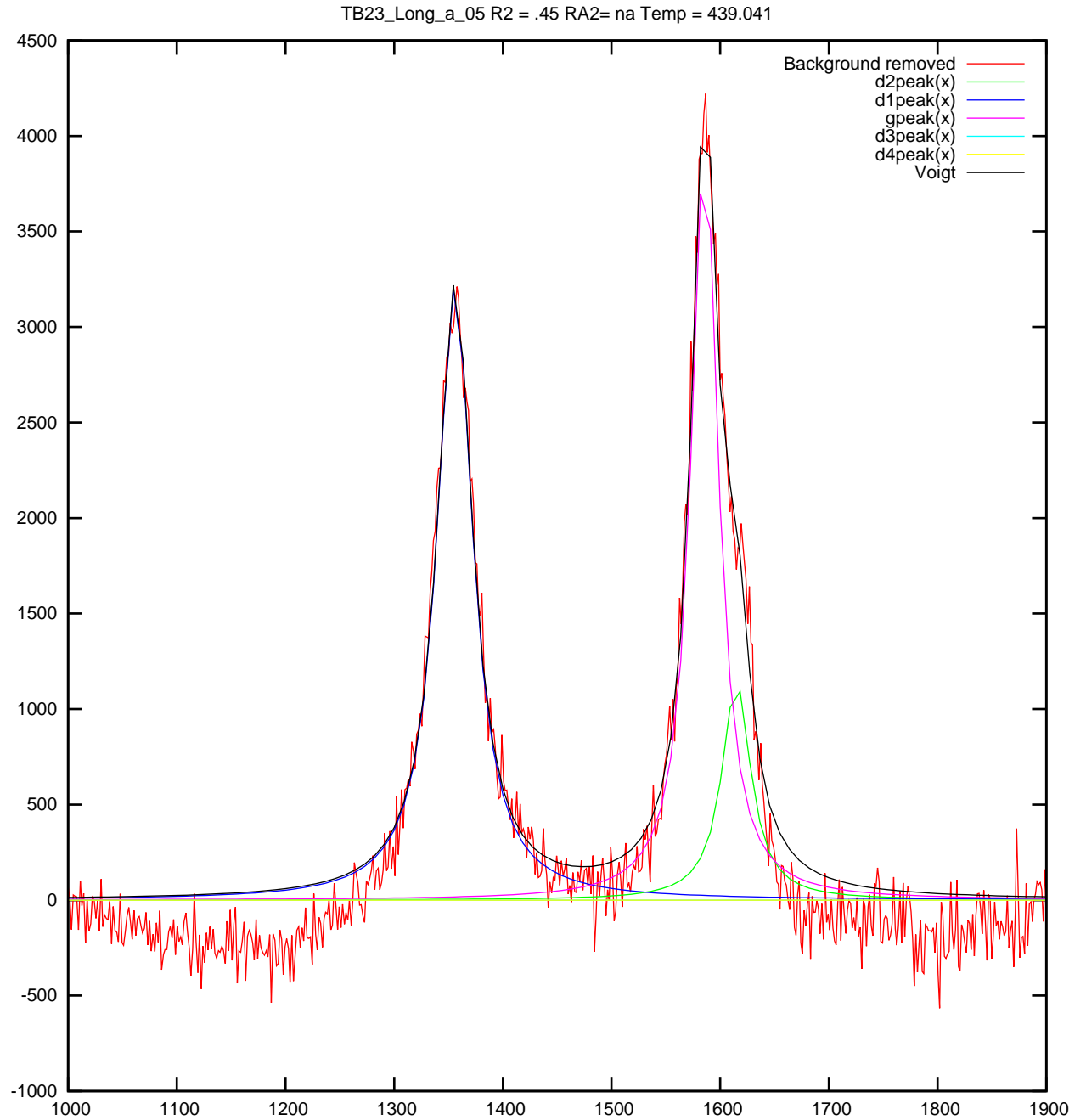
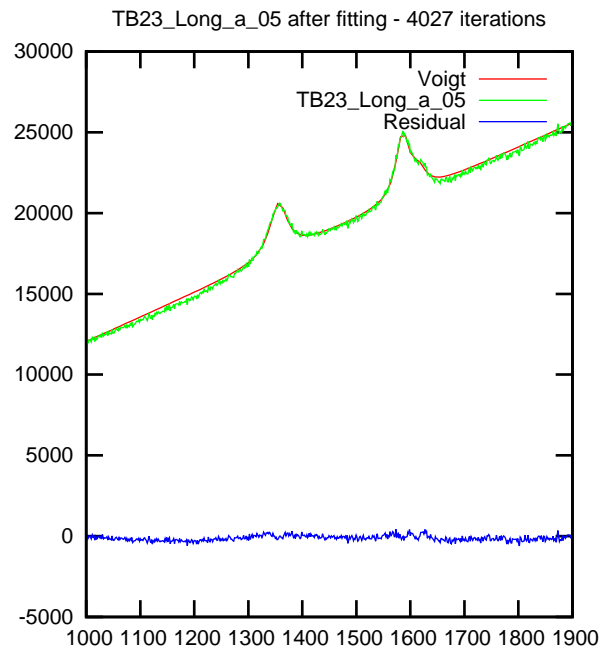
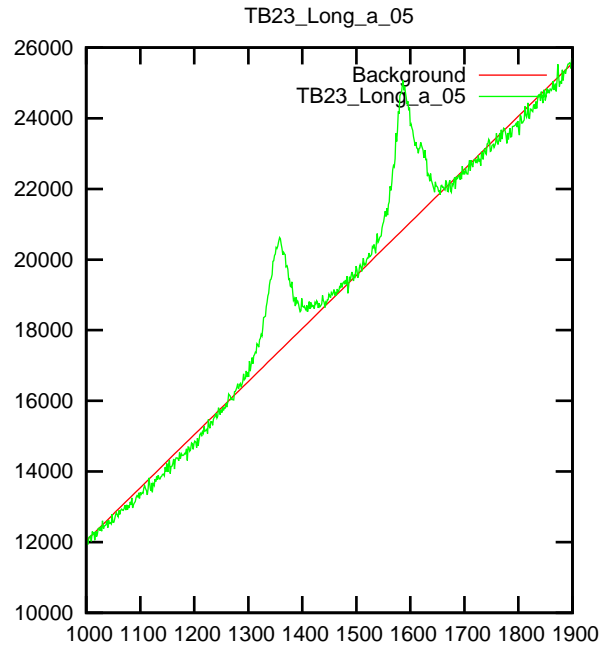
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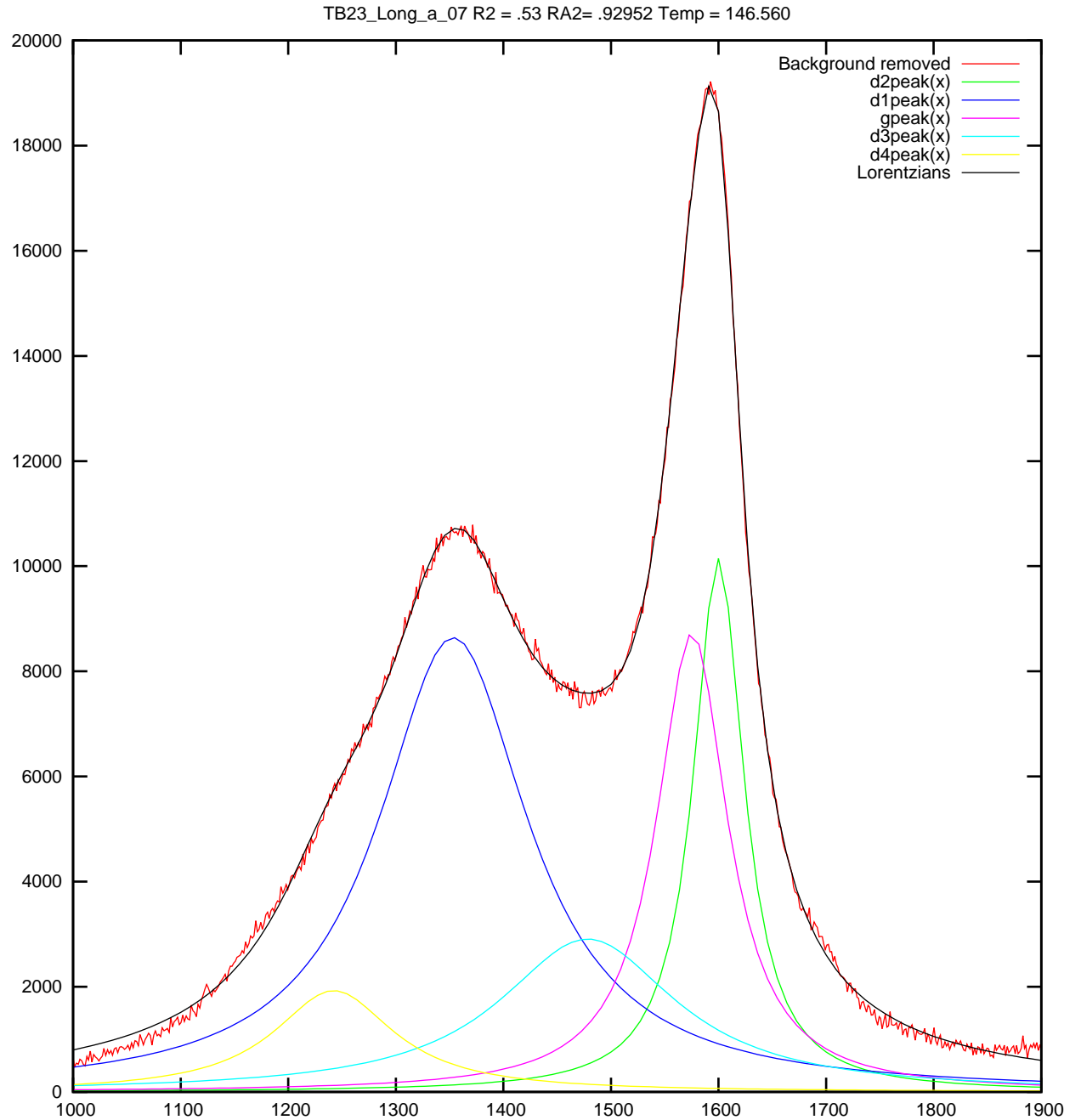
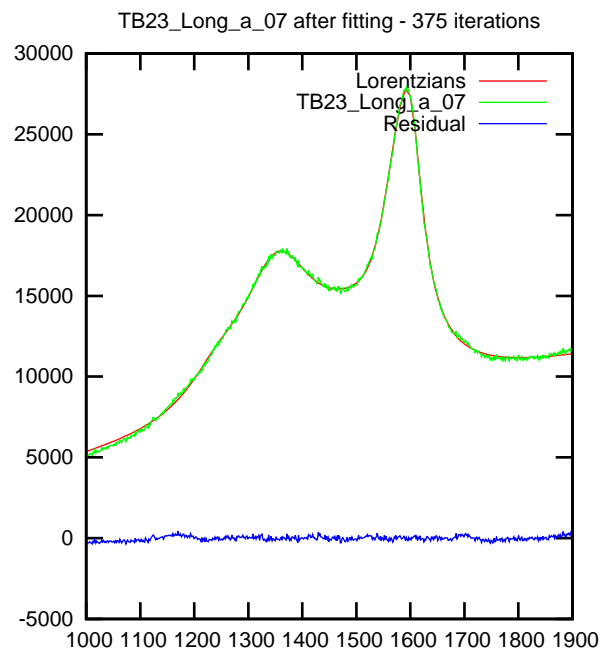
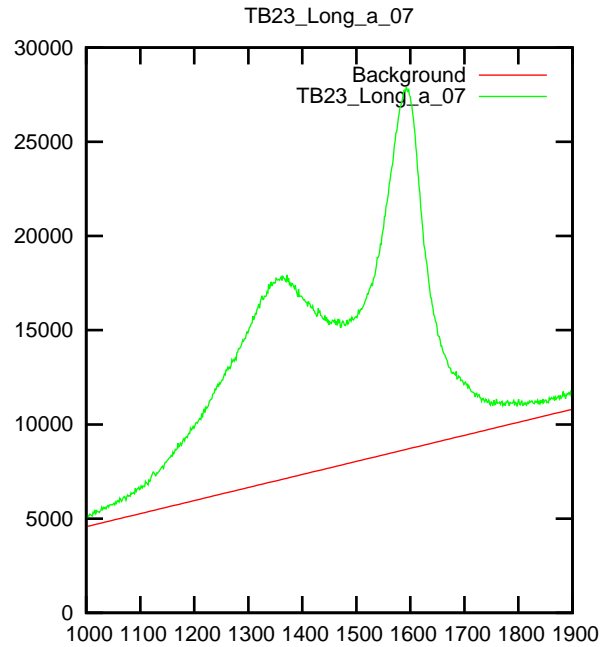


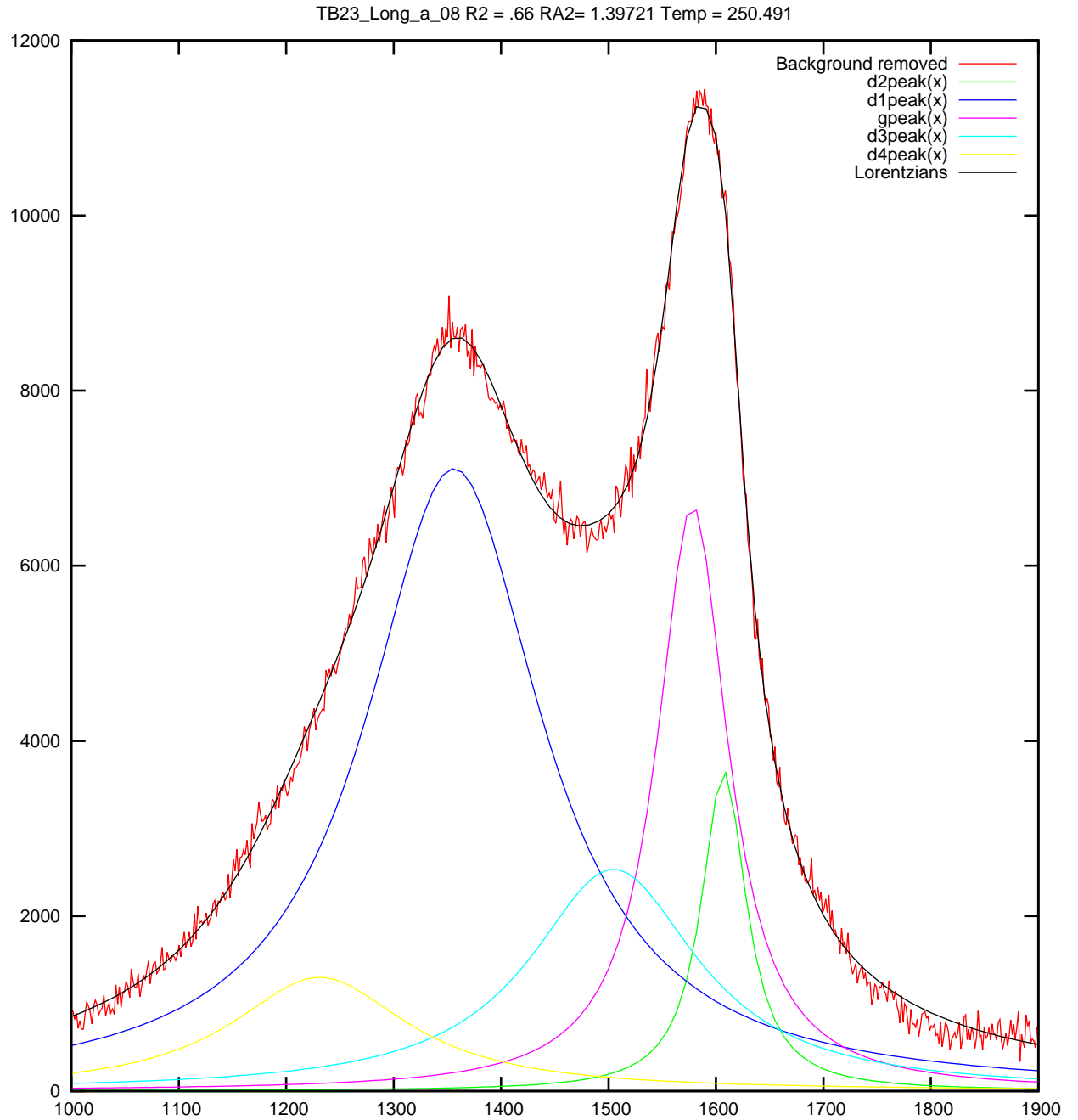
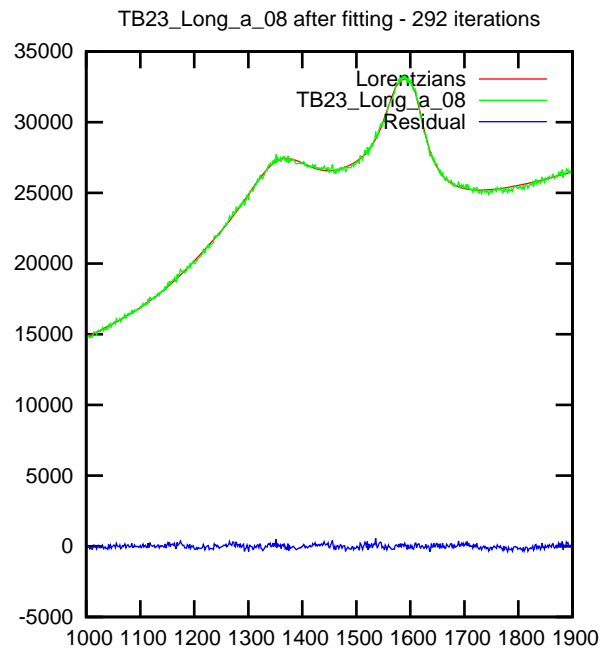
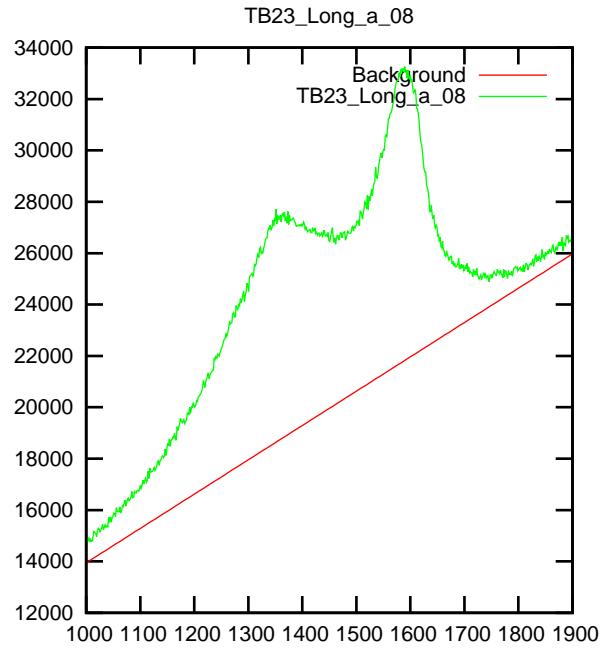


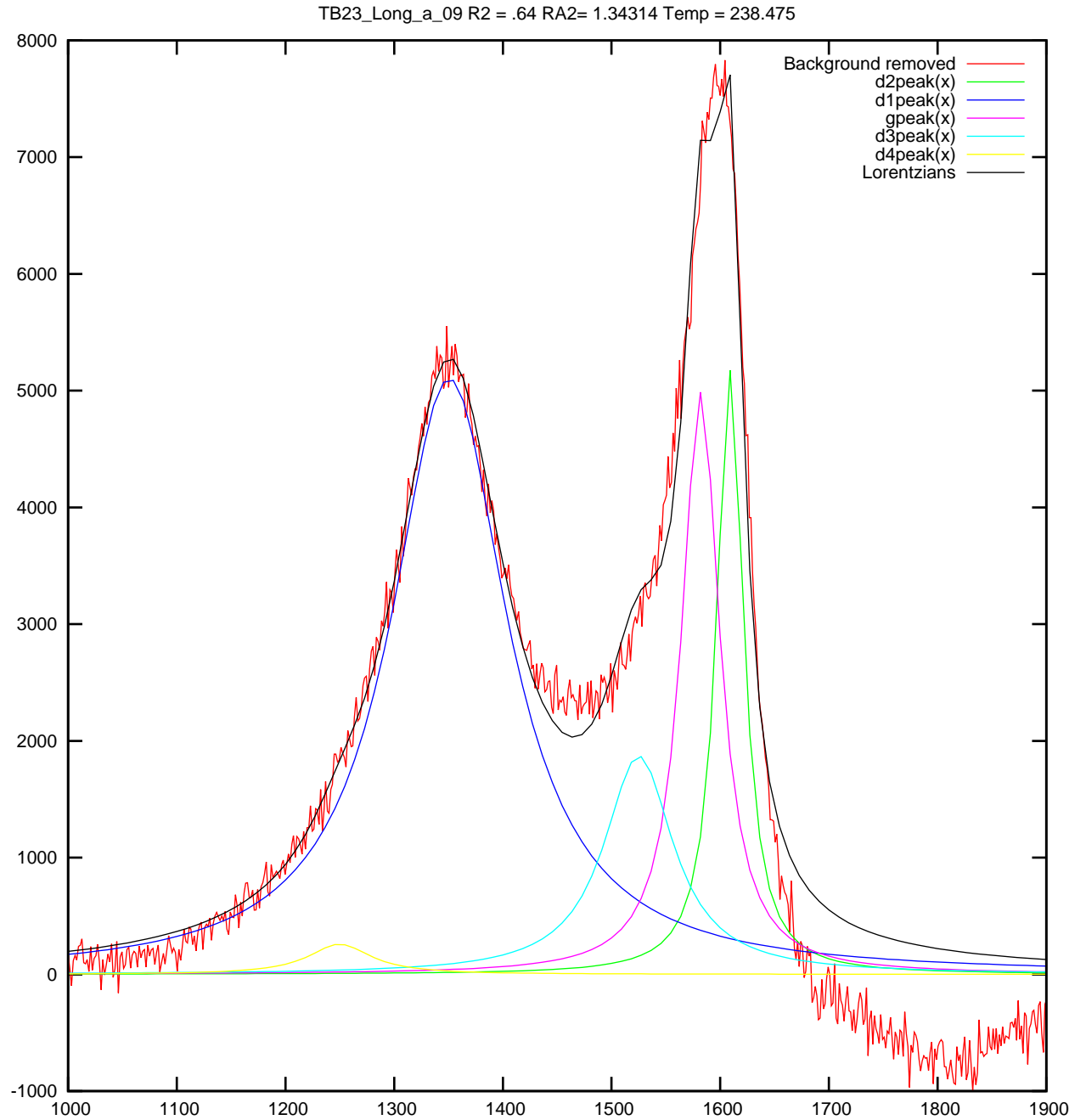
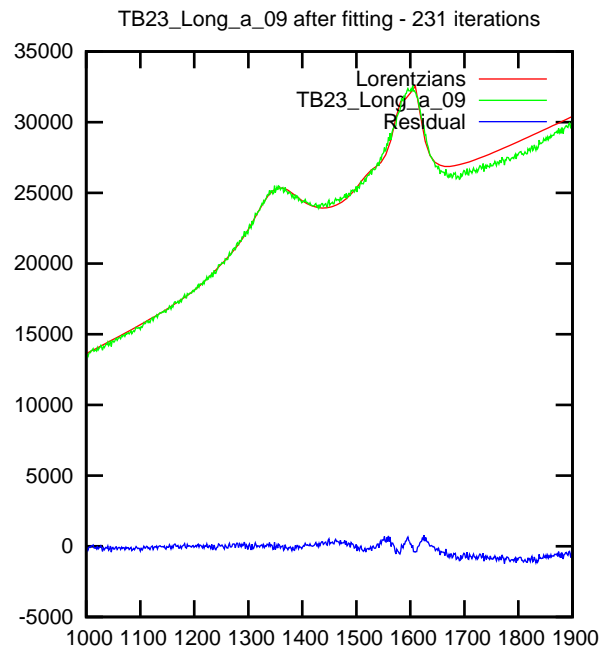
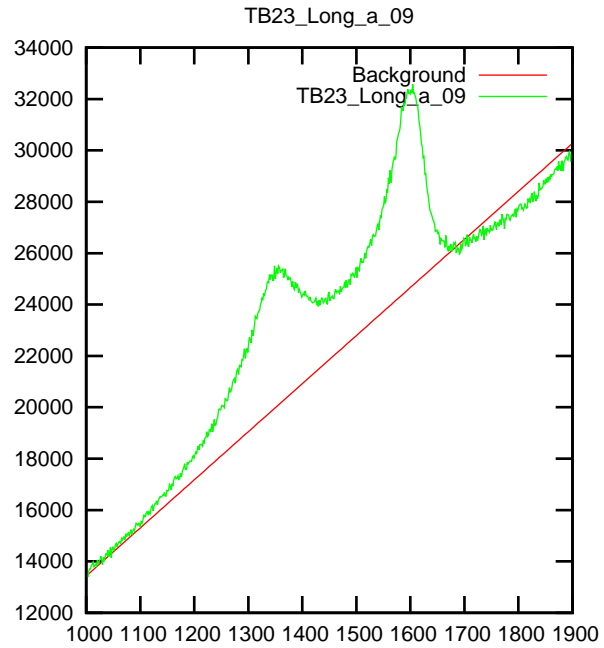
TB23_Long_a_04 = Noisy

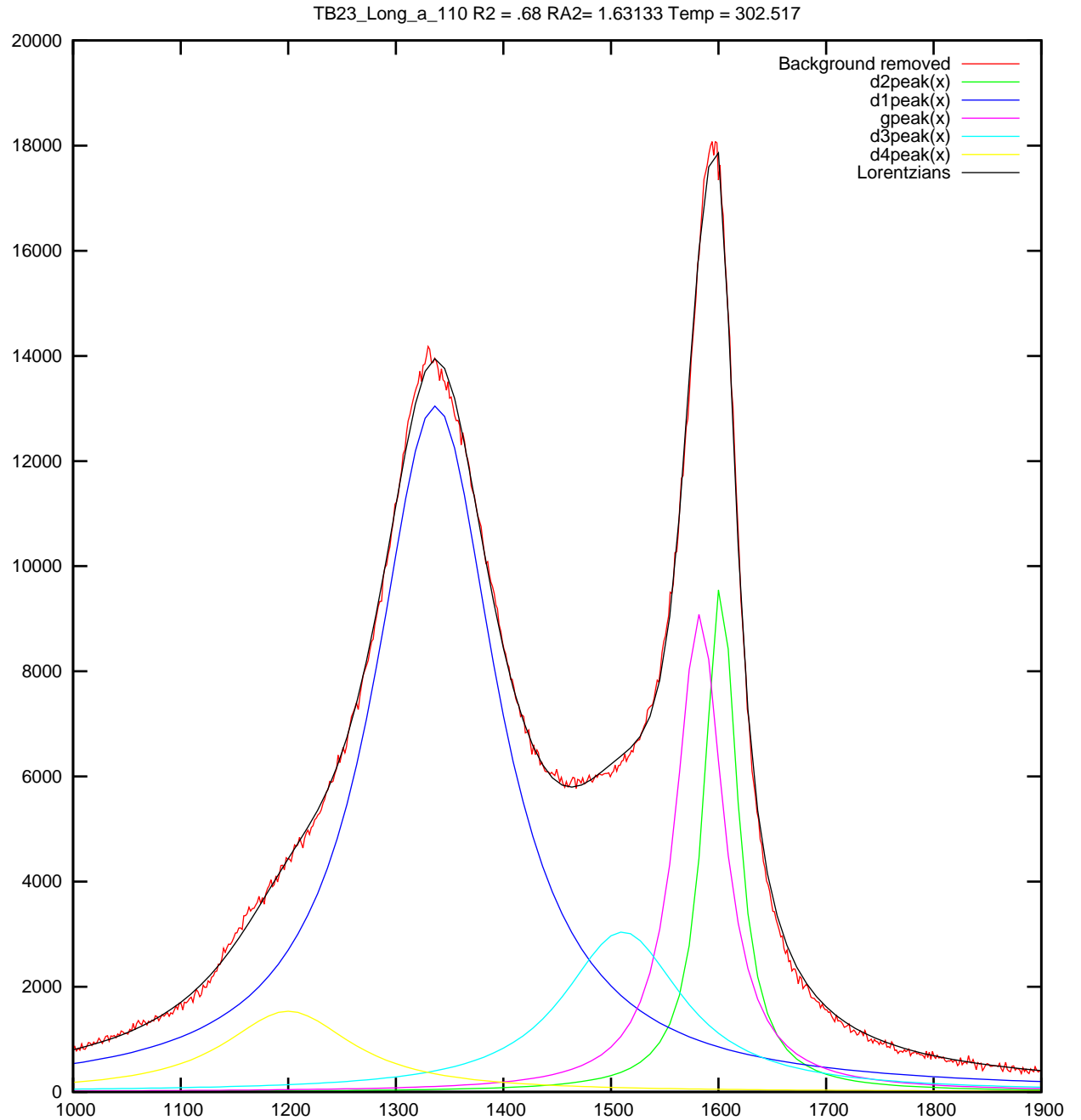
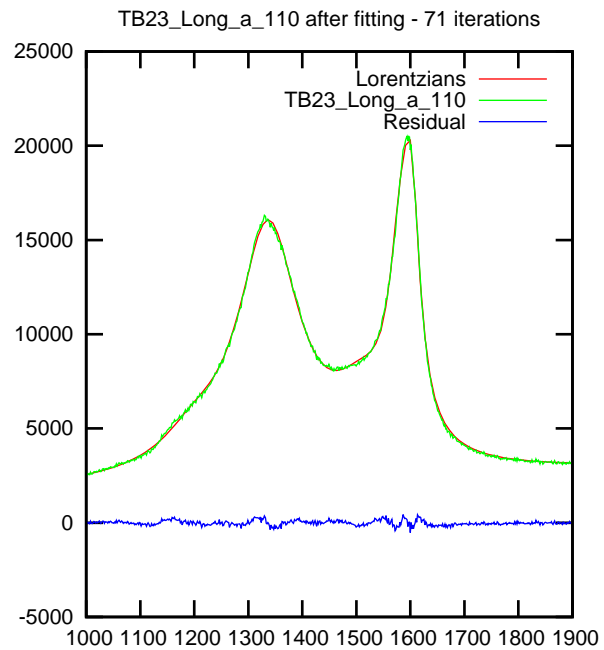
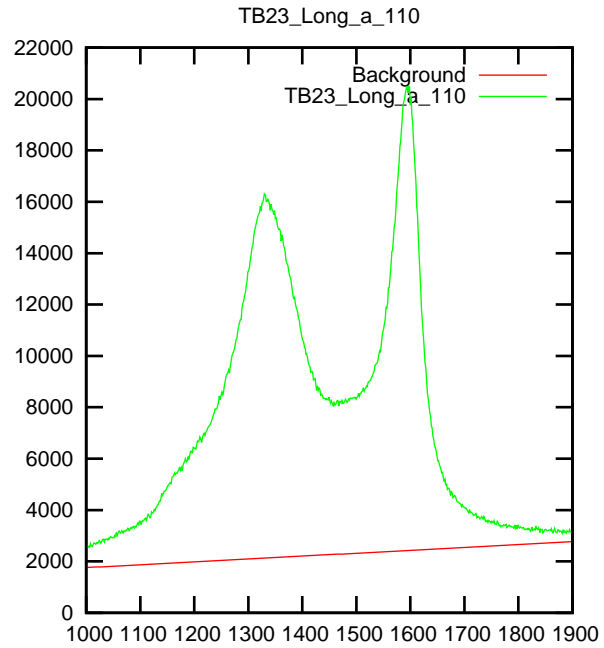


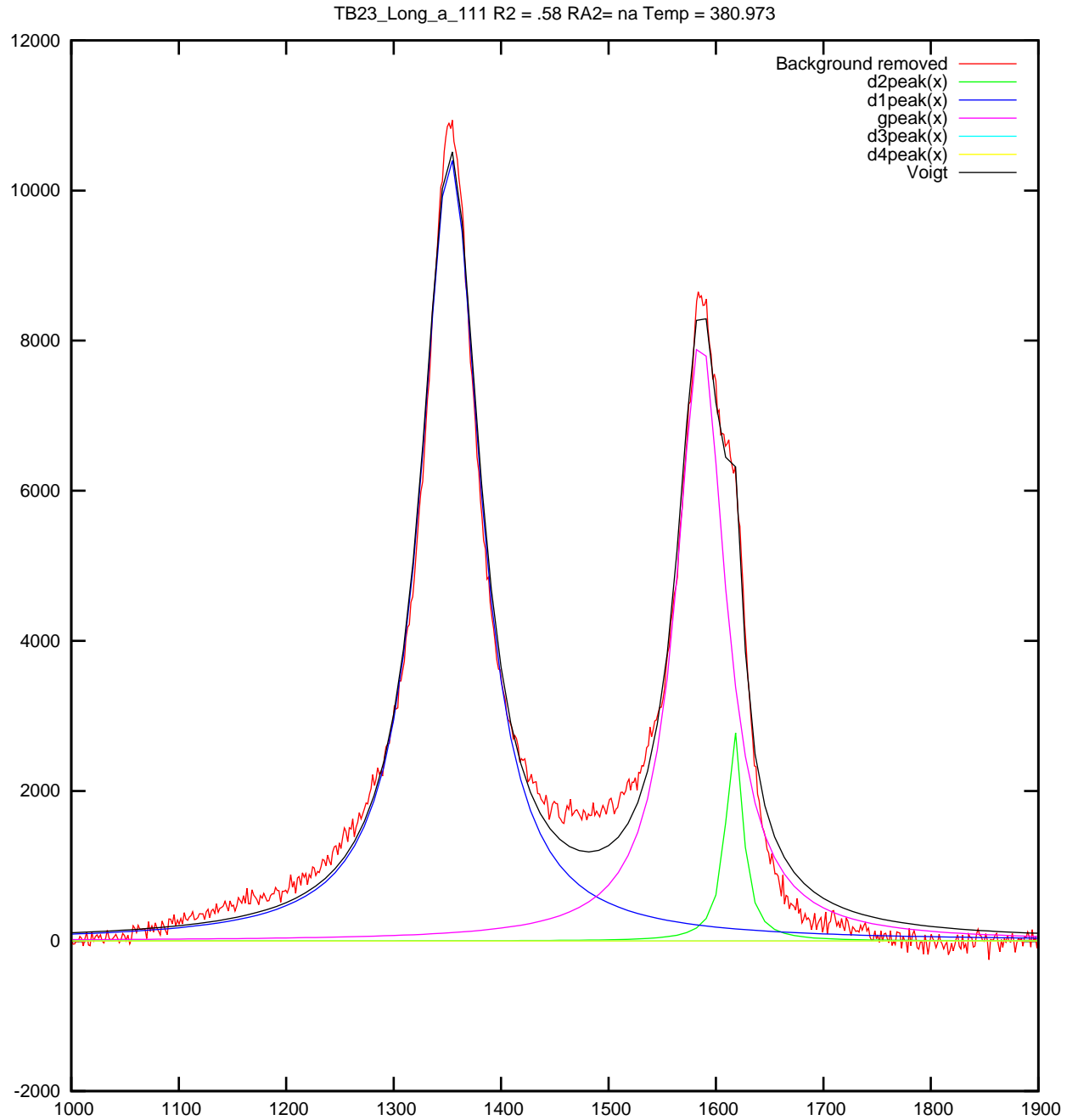
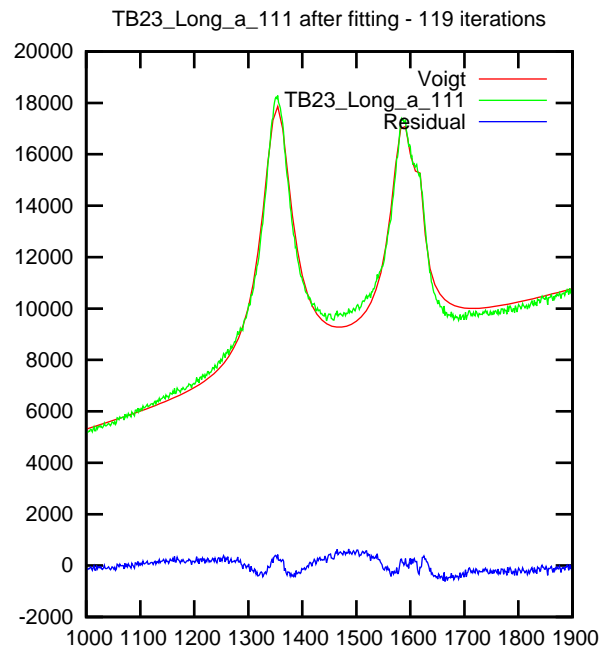
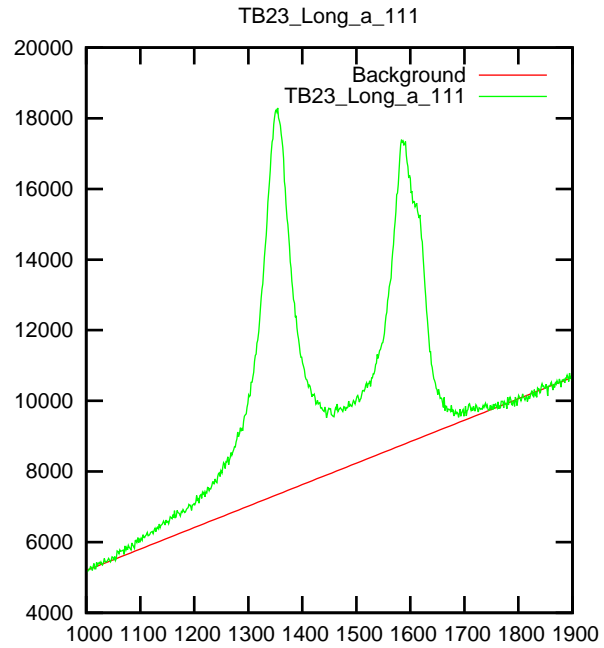




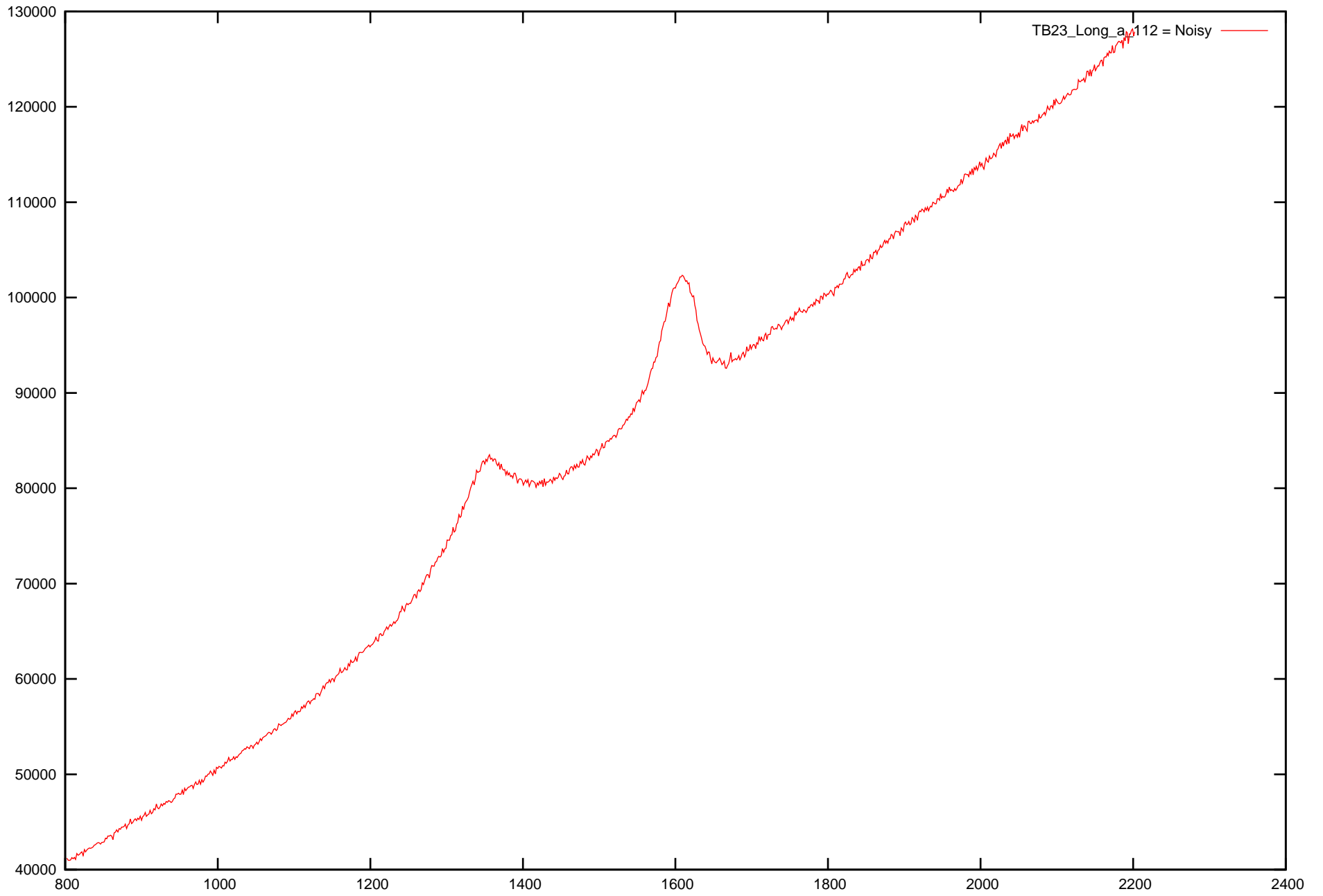






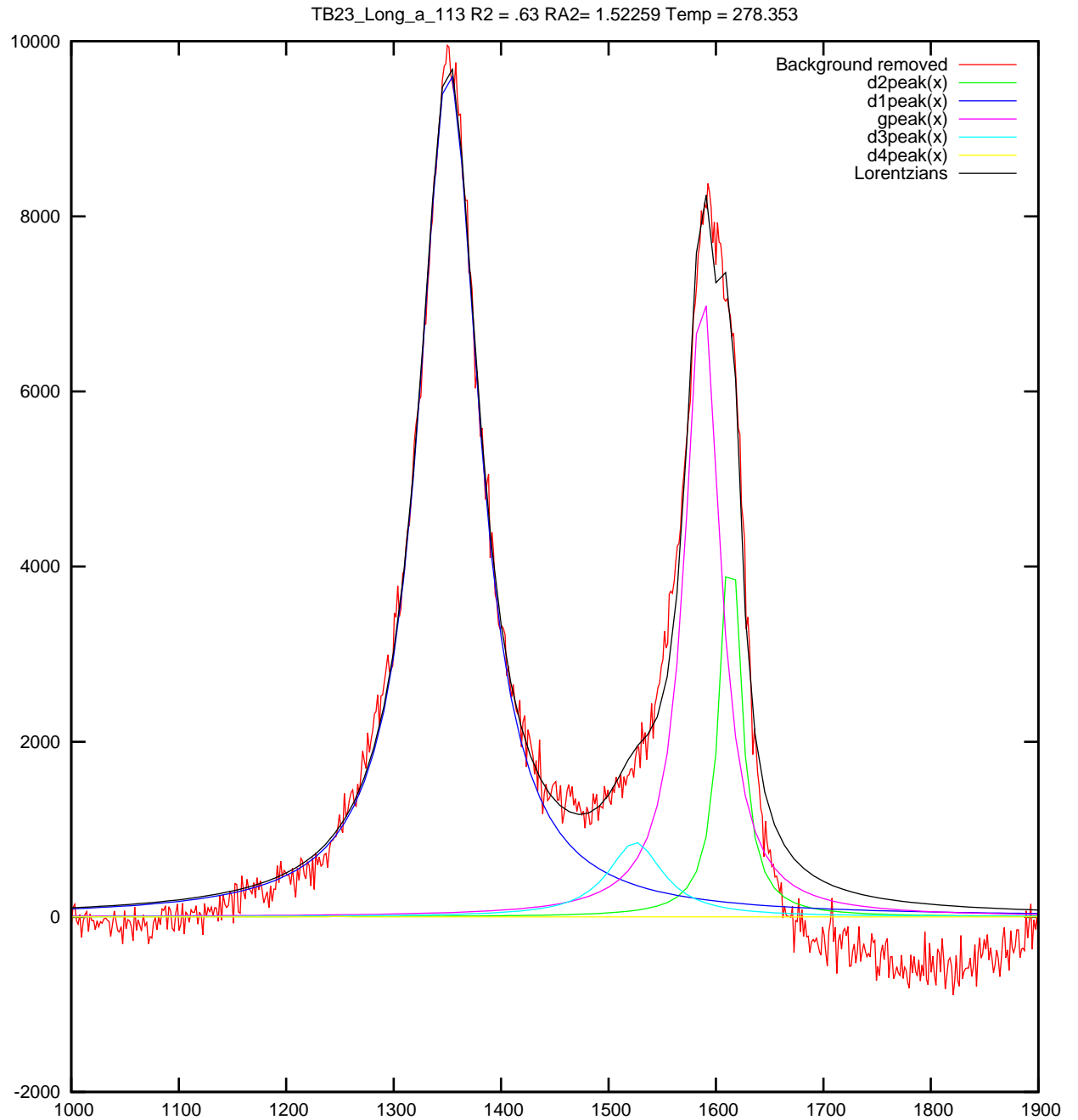
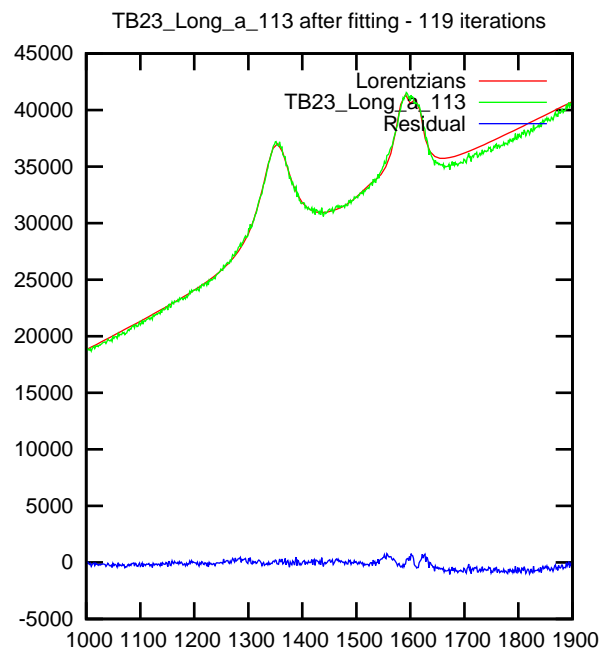
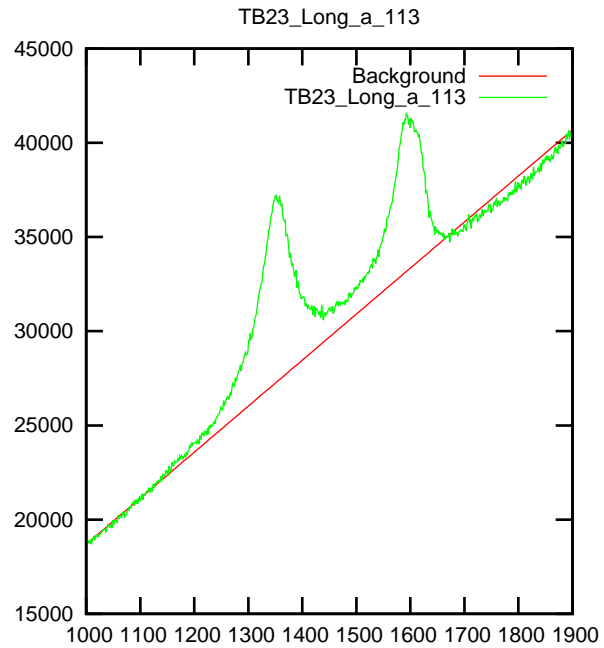


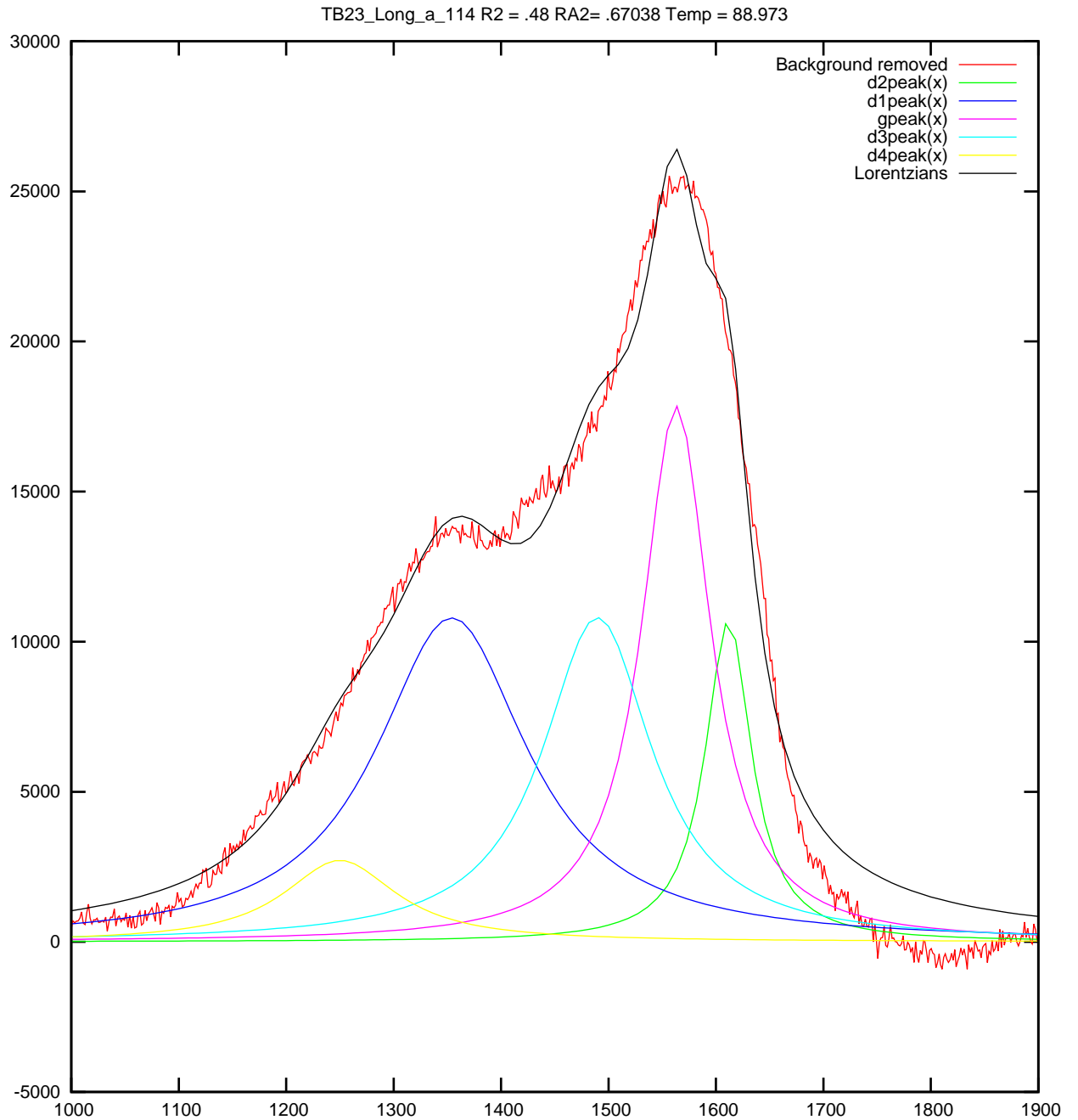
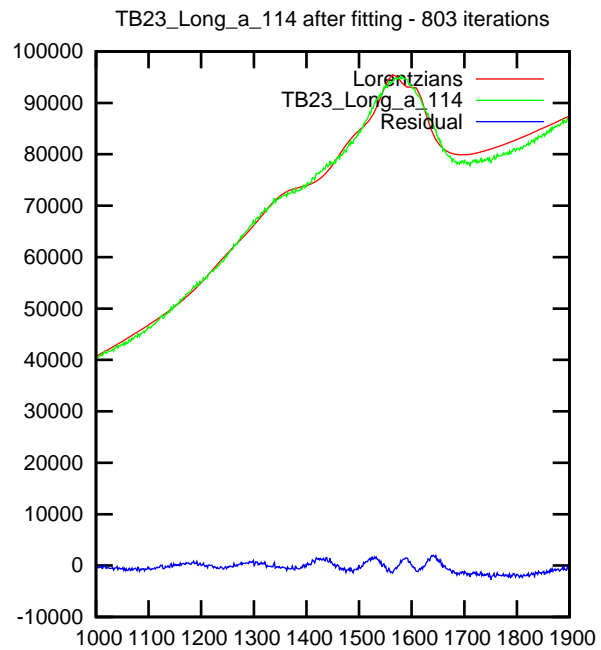
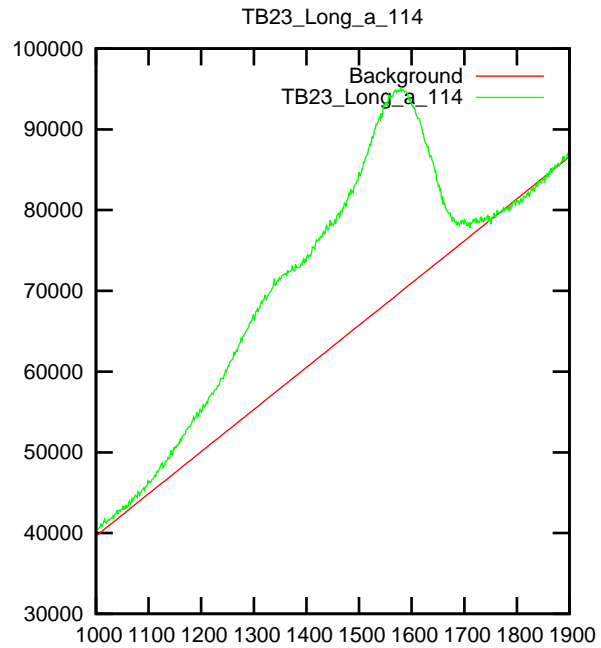
TB23_Long_a_112 = Noisy



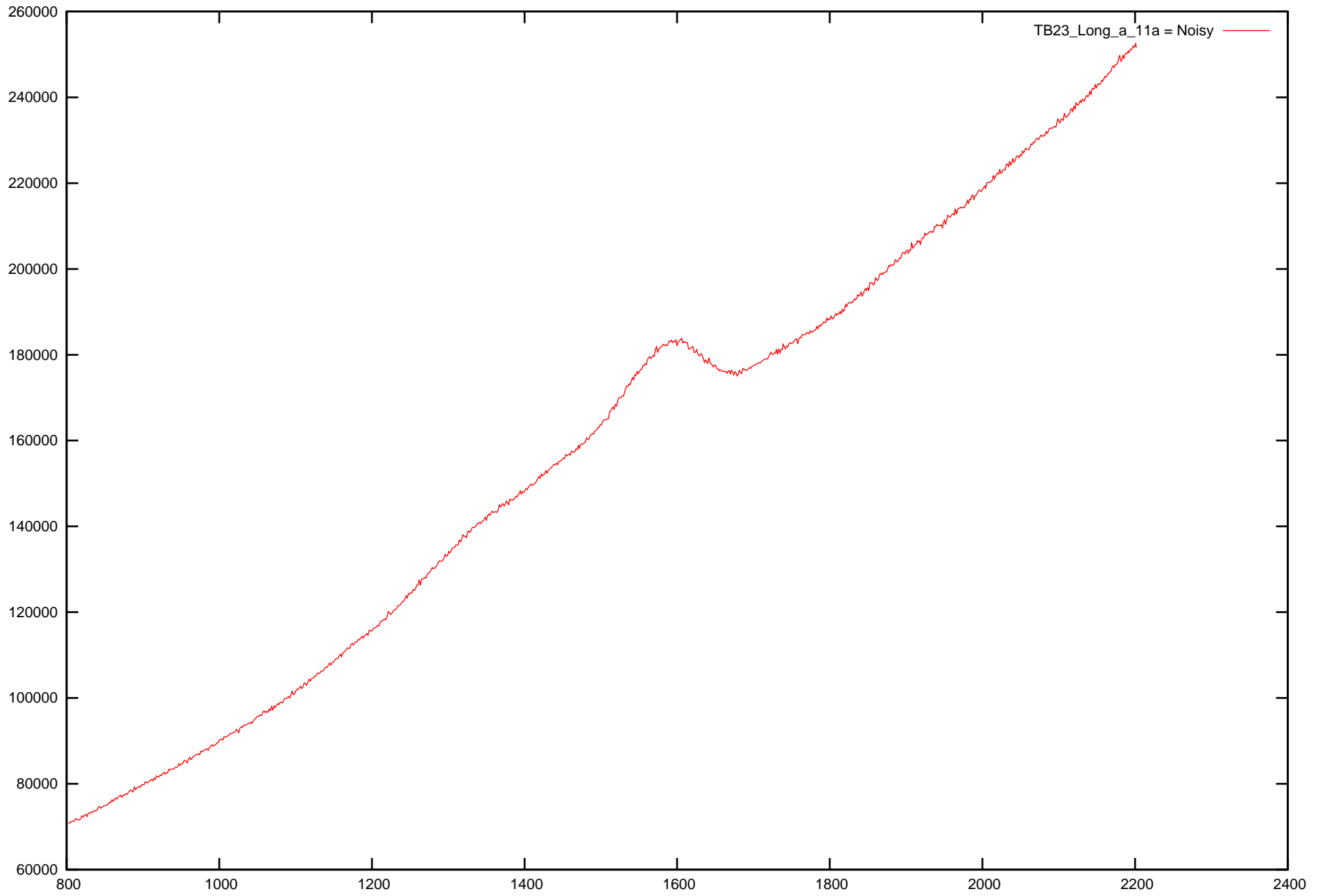
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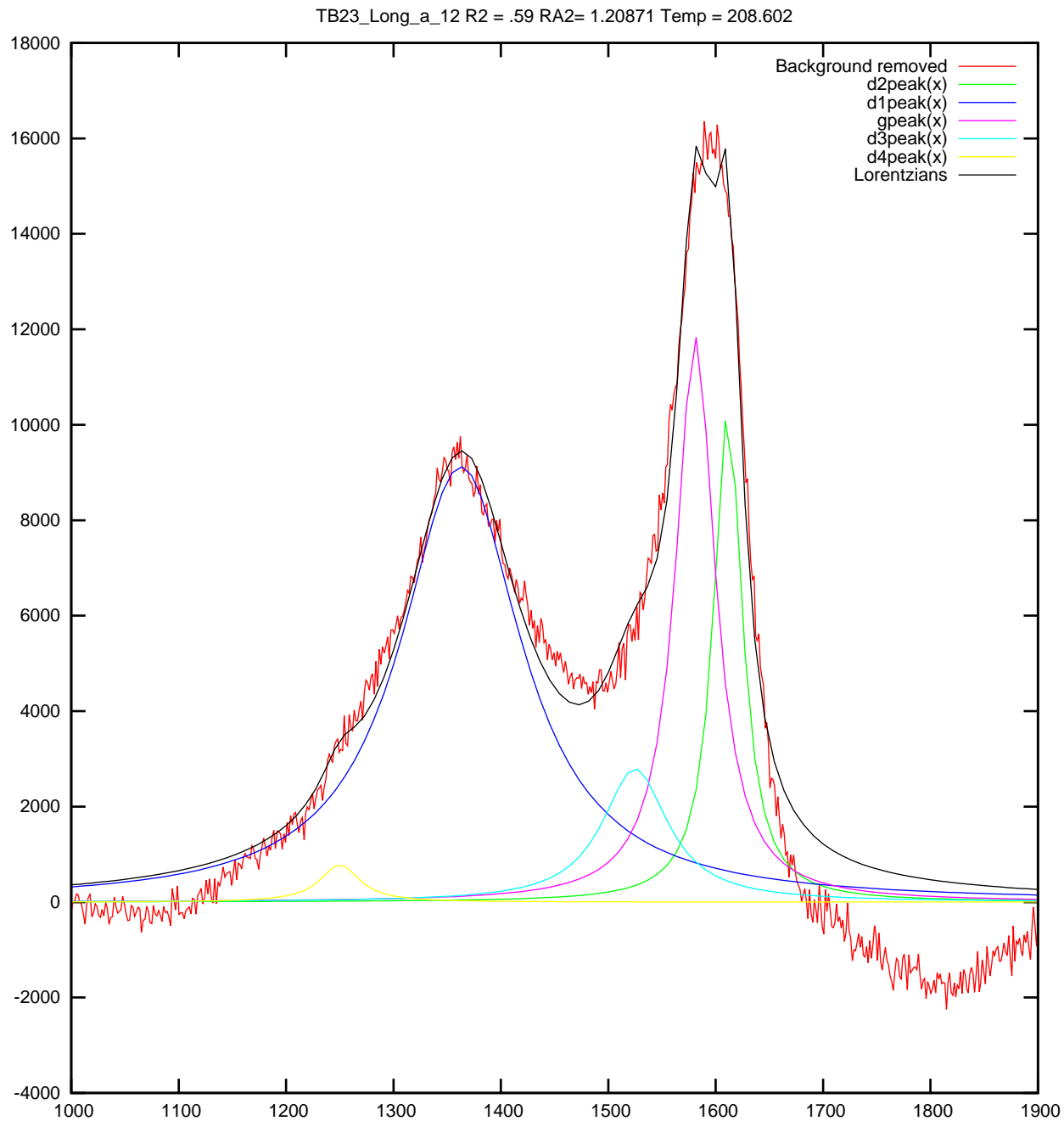
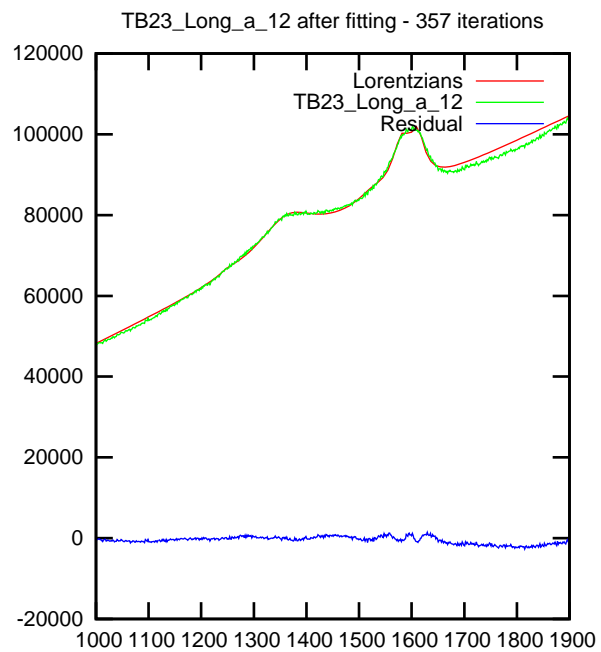
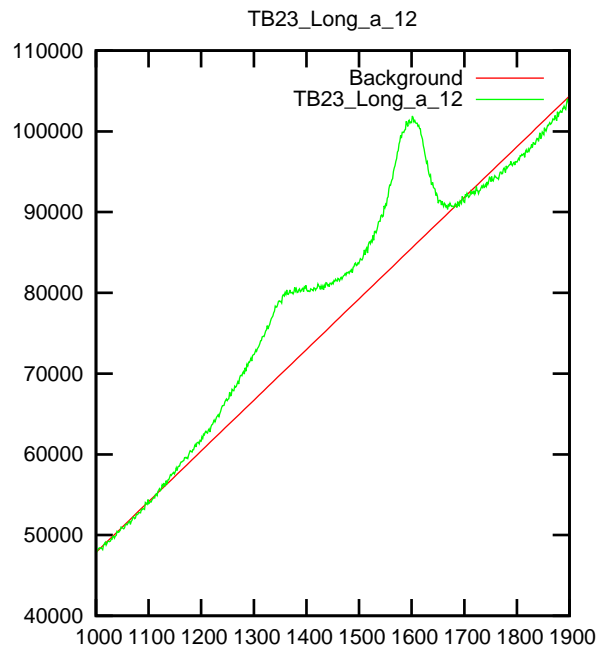
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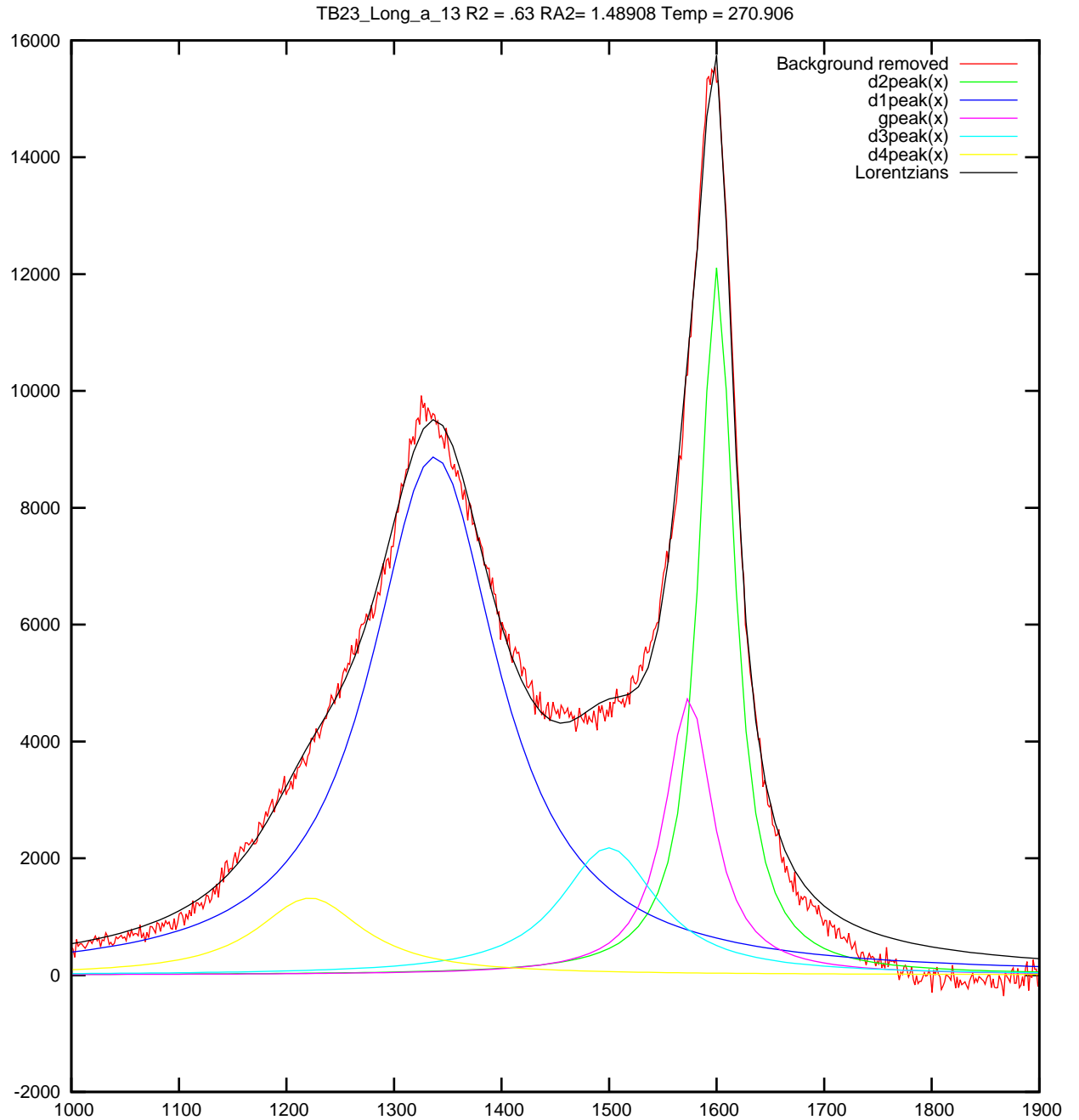
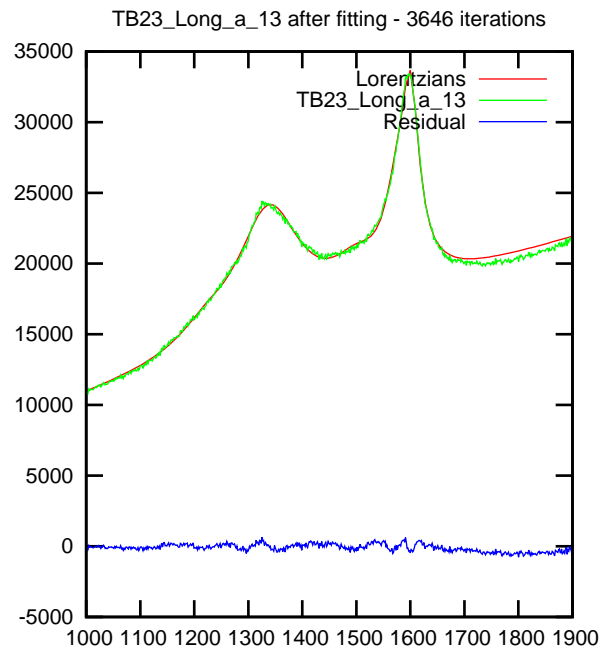
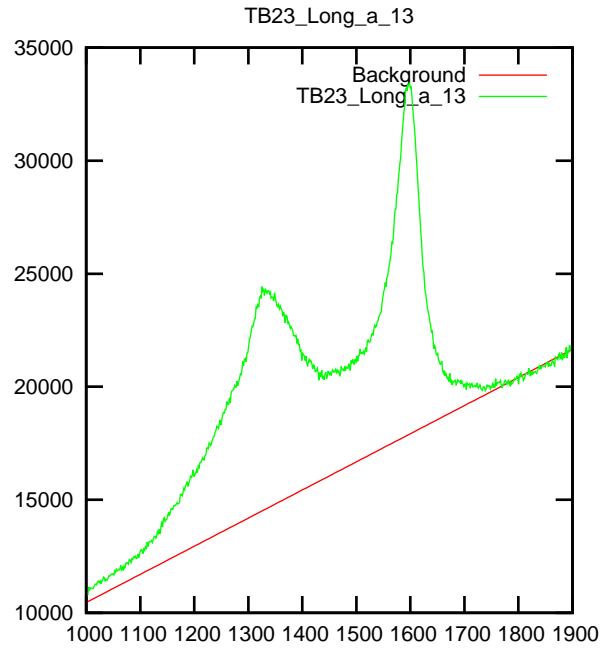


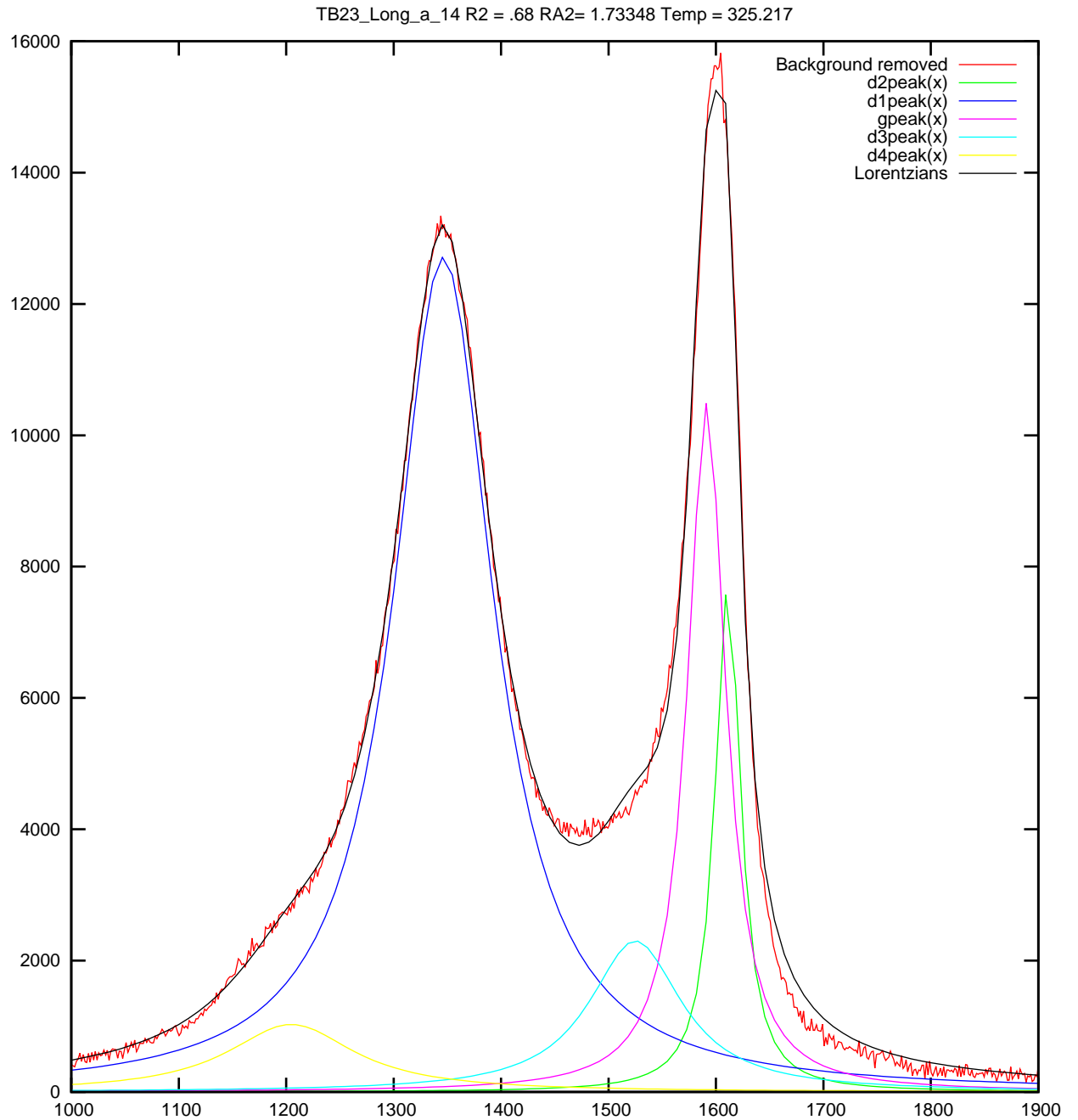
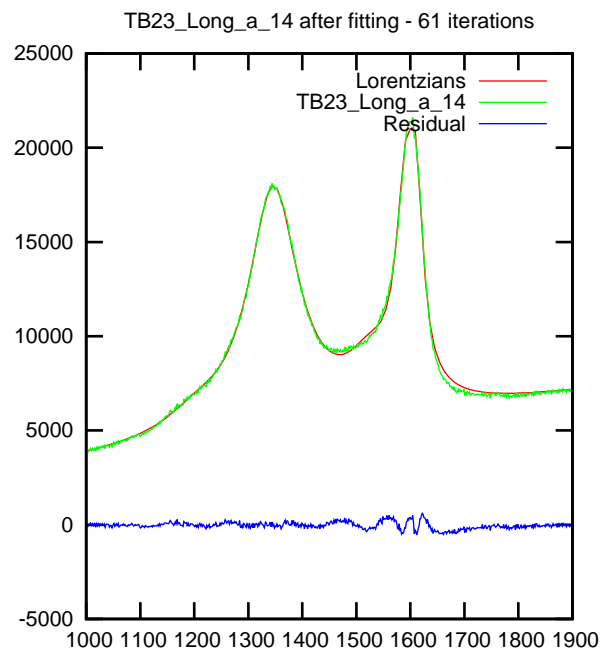
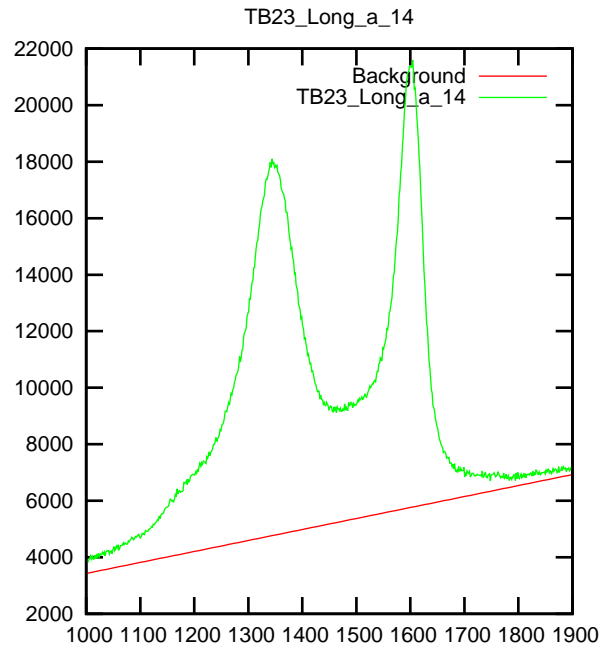


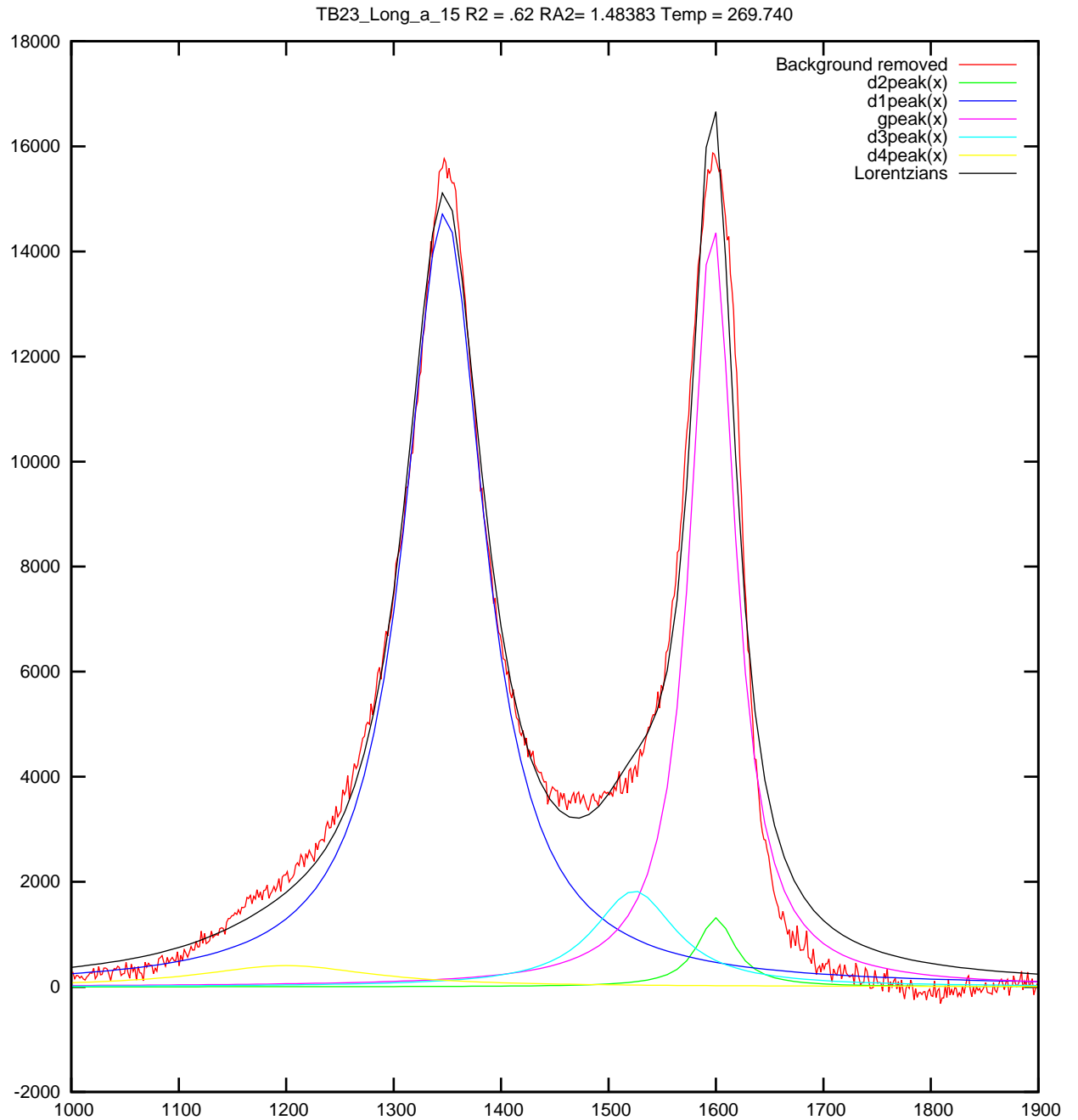
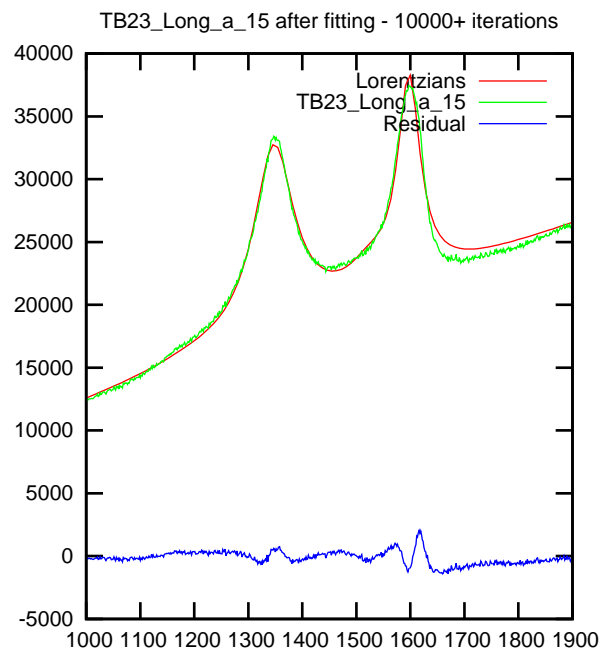
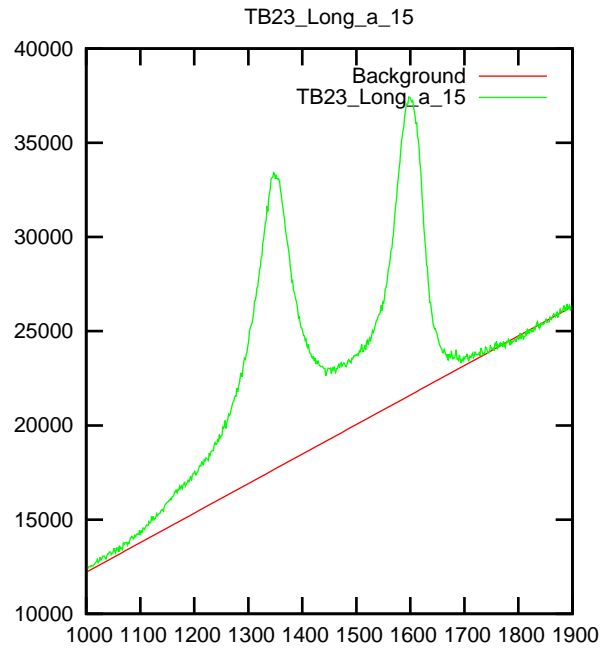
TB23_Long_a_11a = Noisy

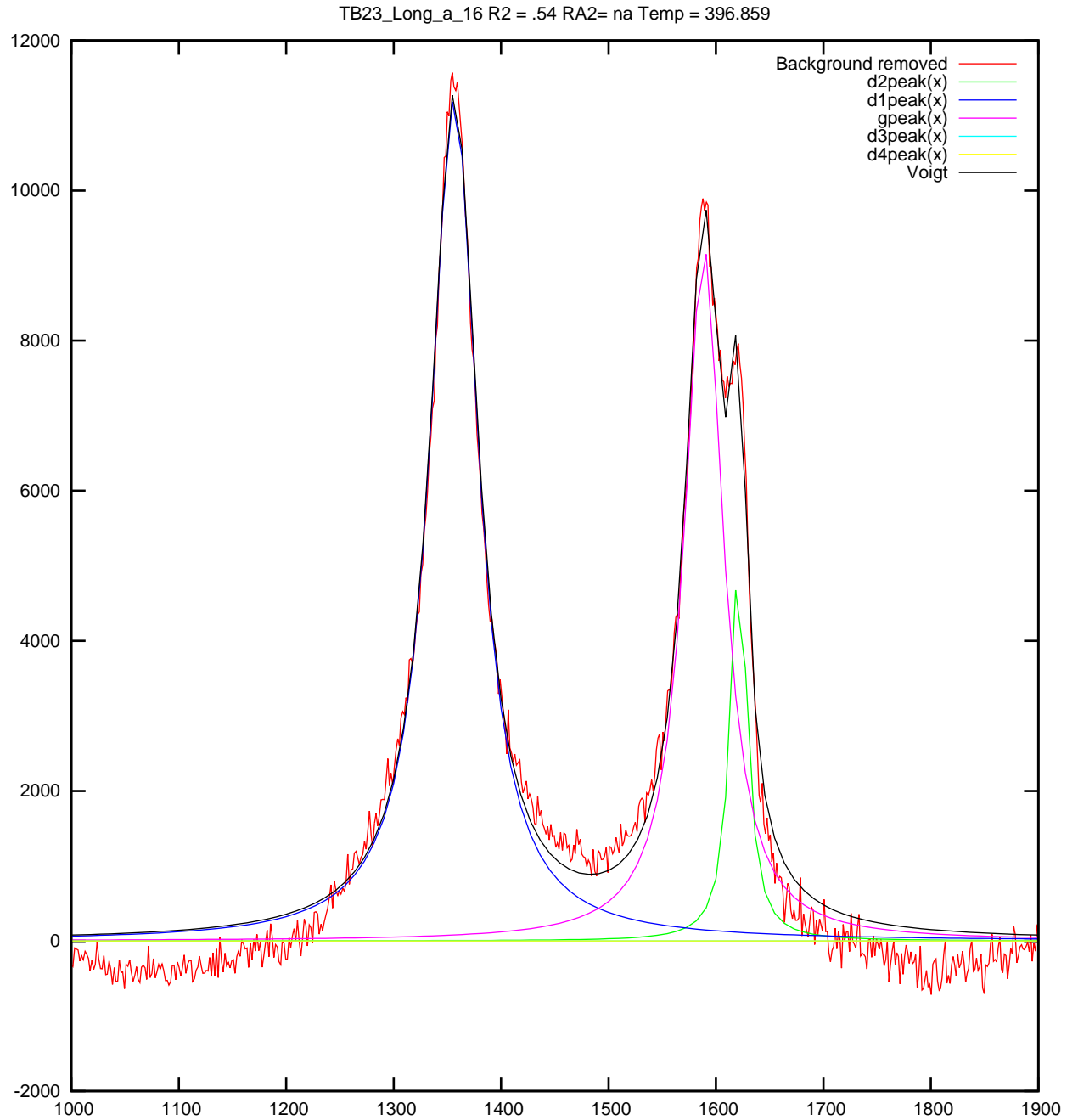
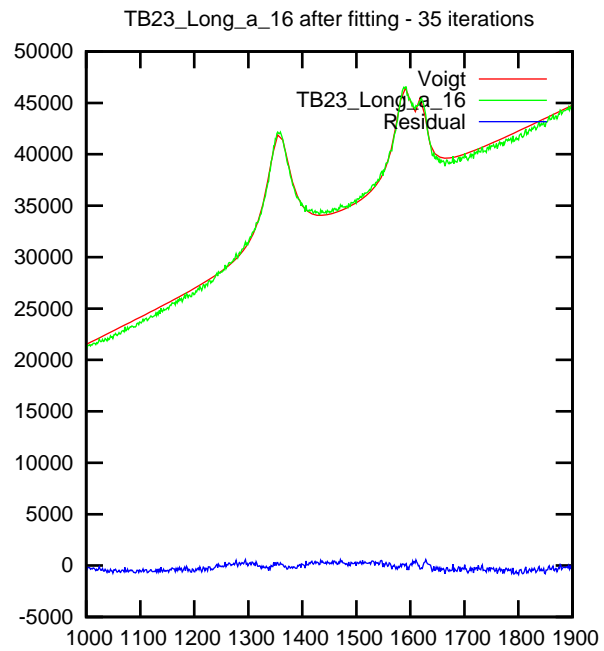
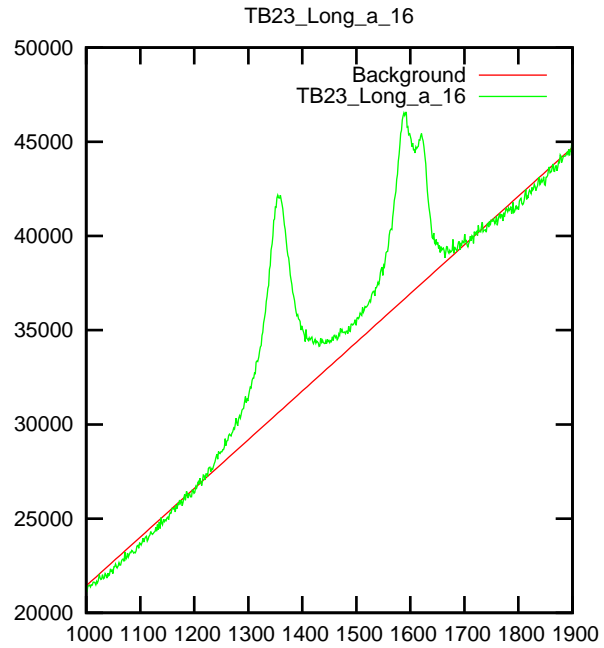


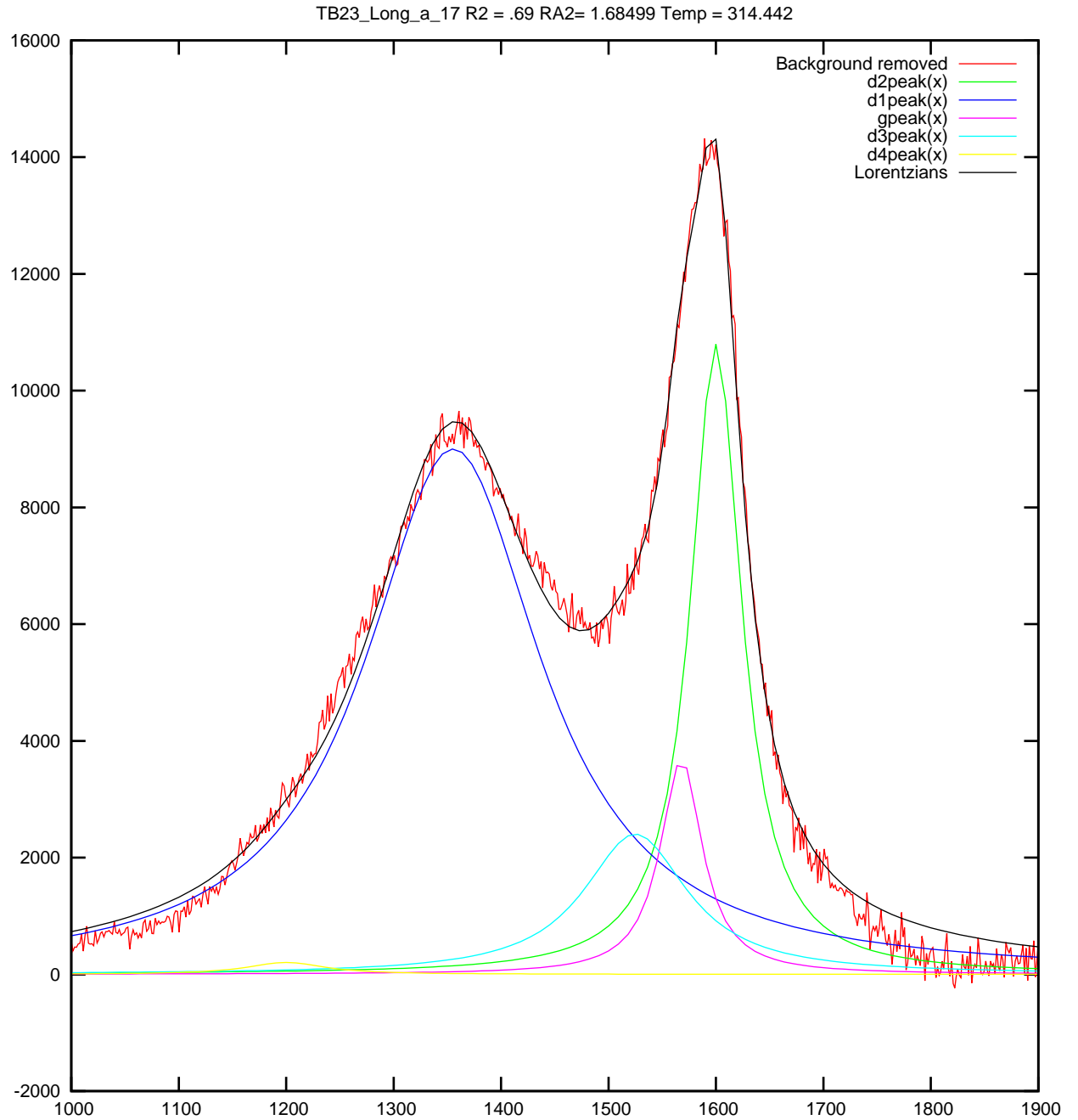
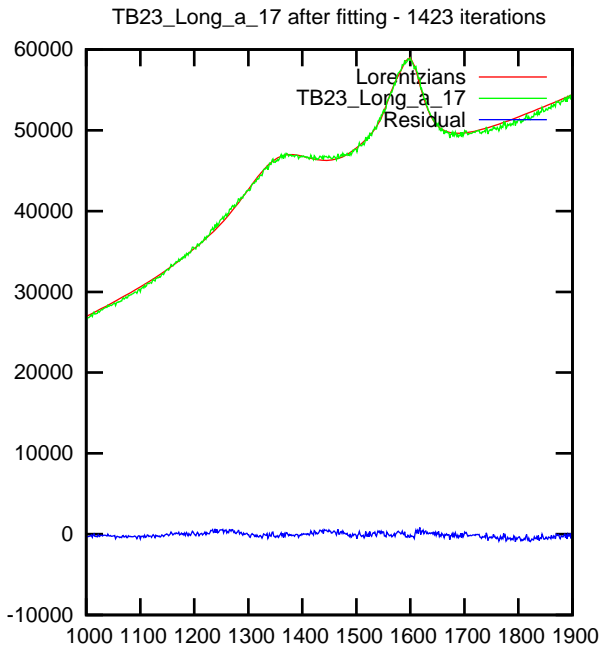
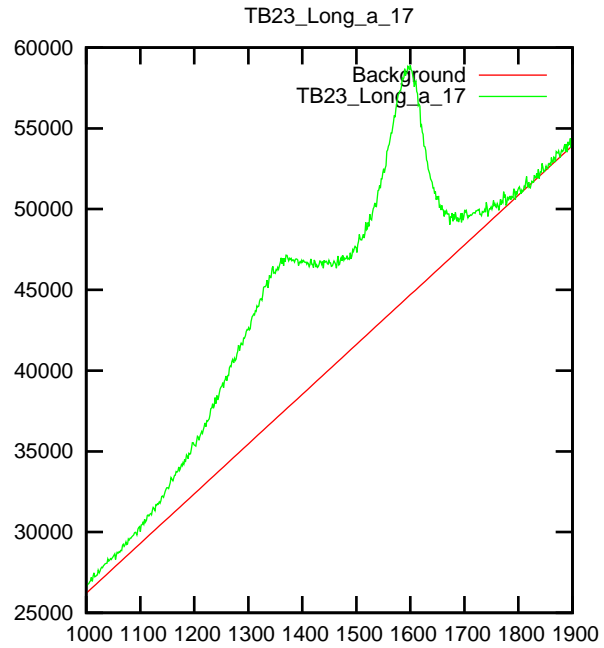


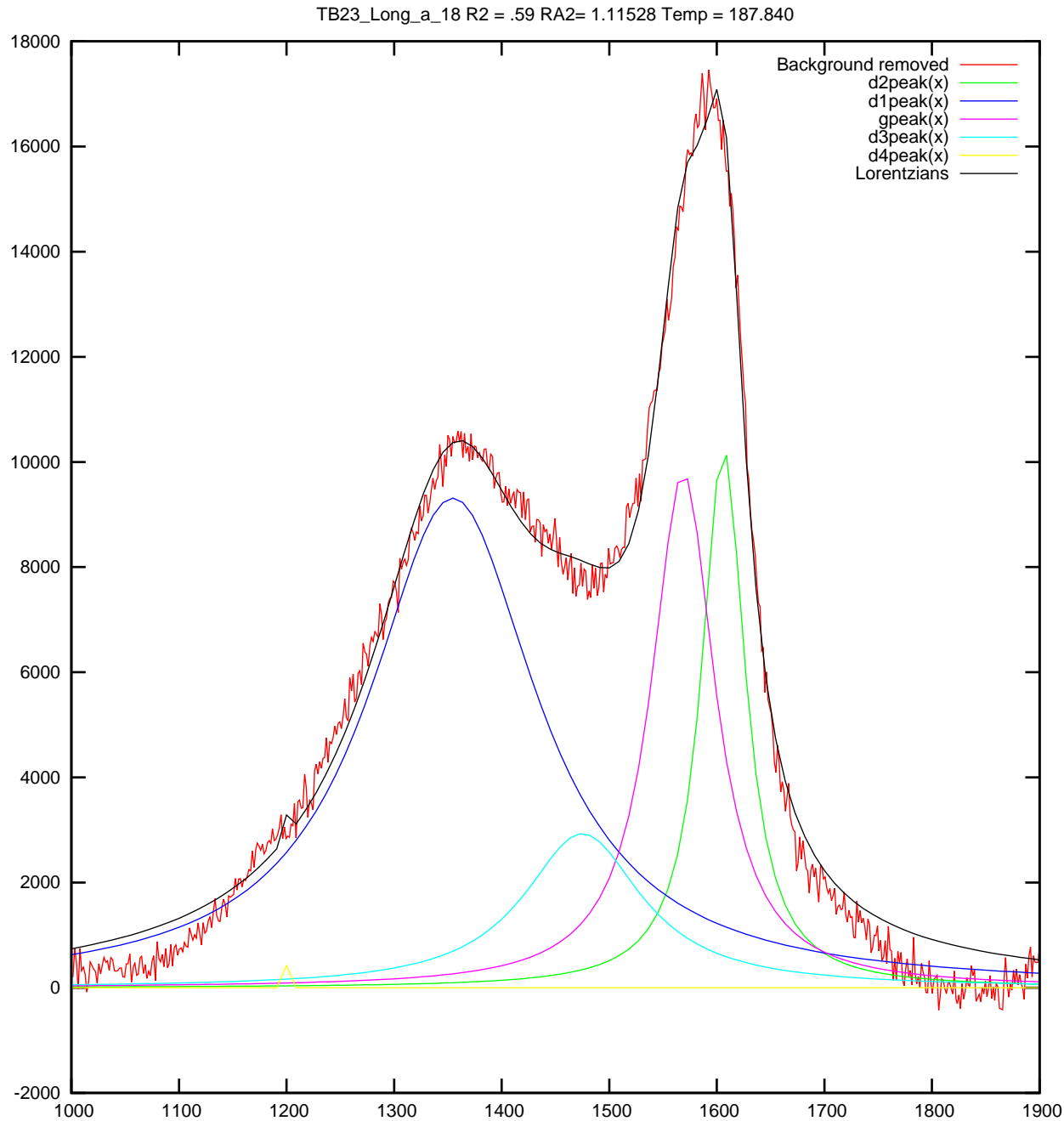
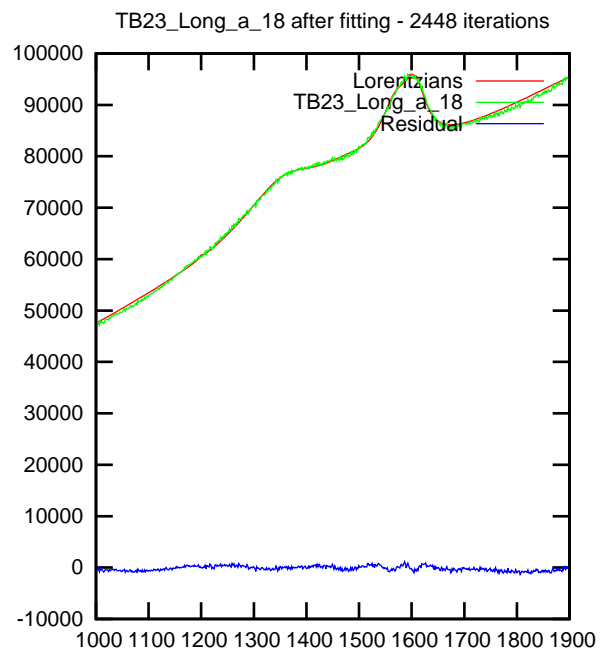
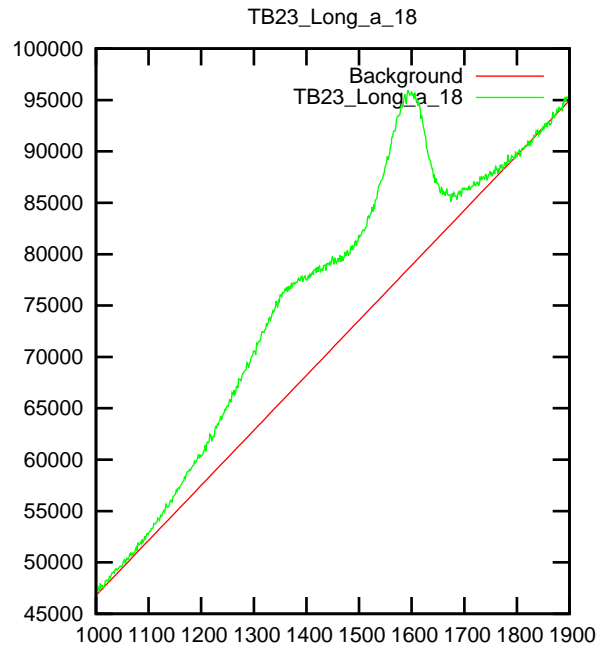


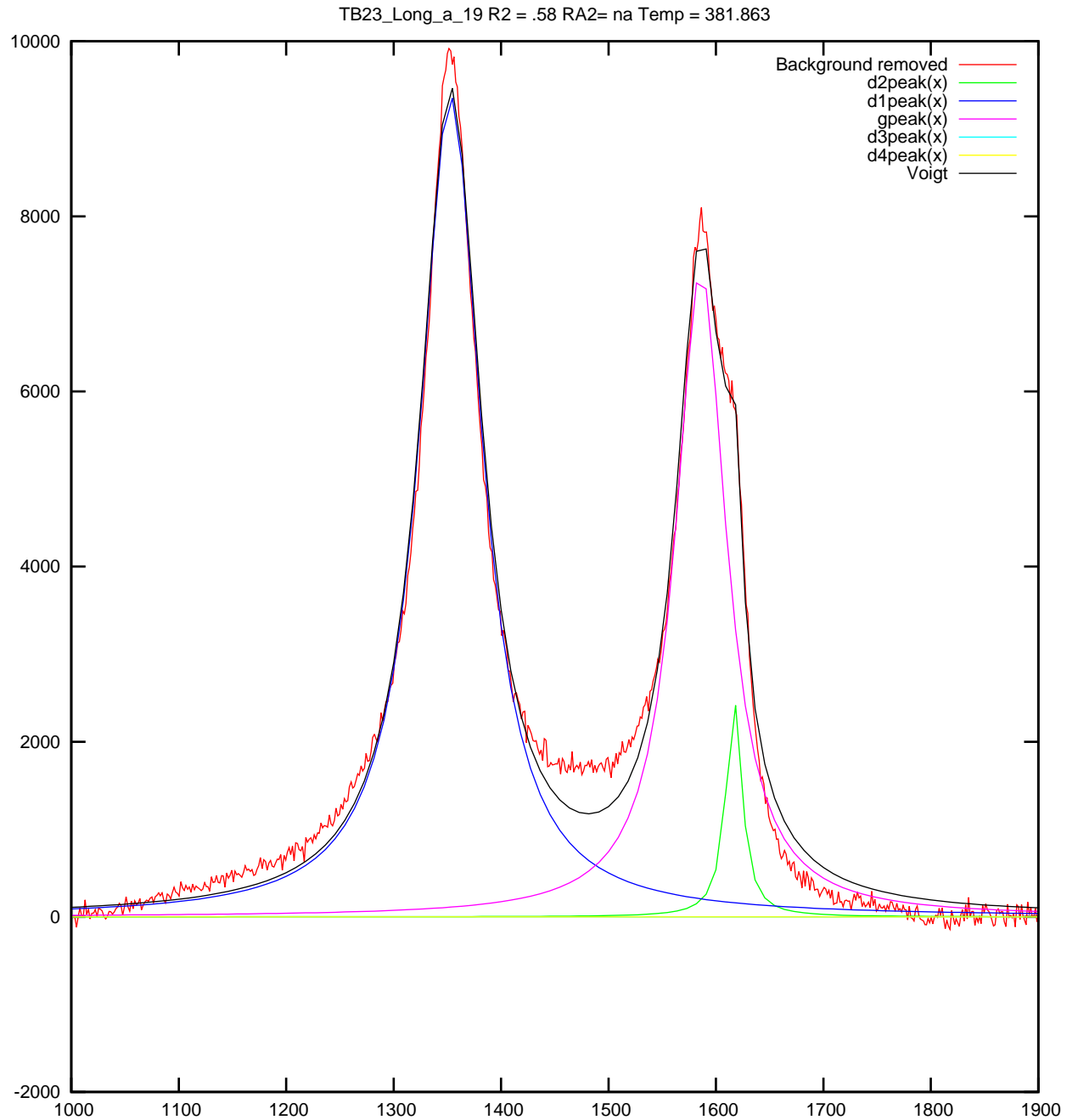
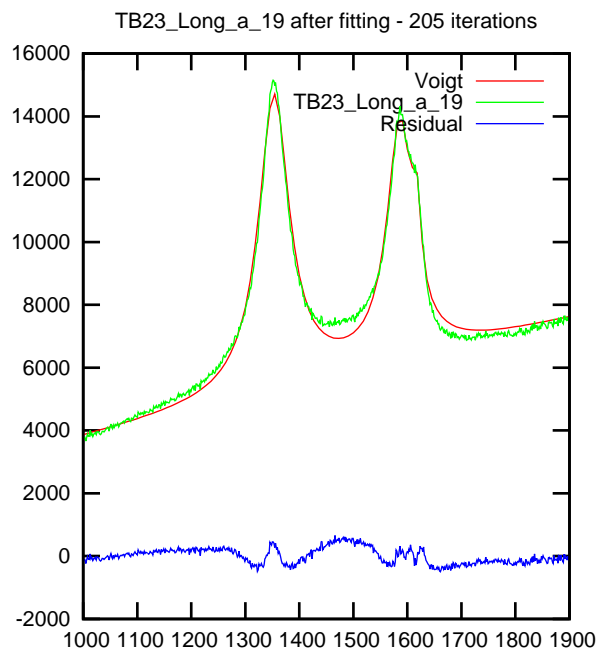
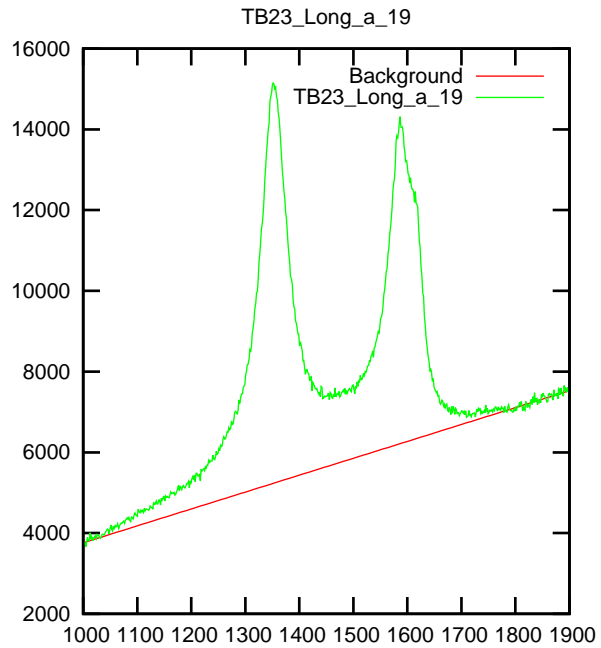


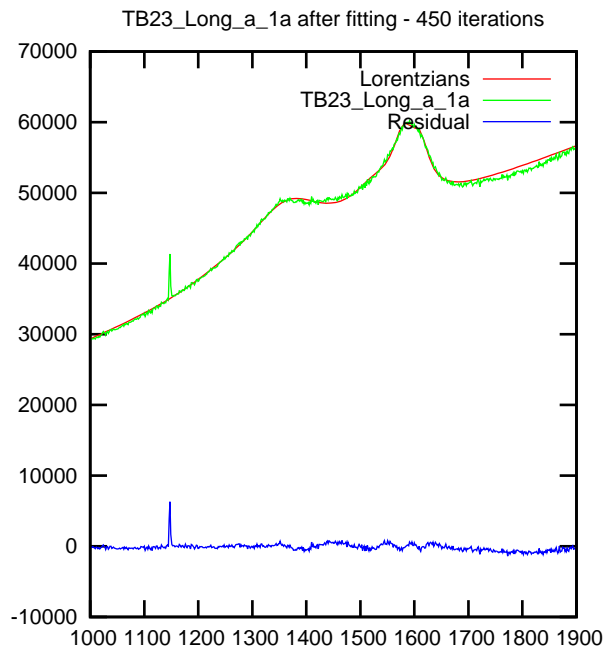
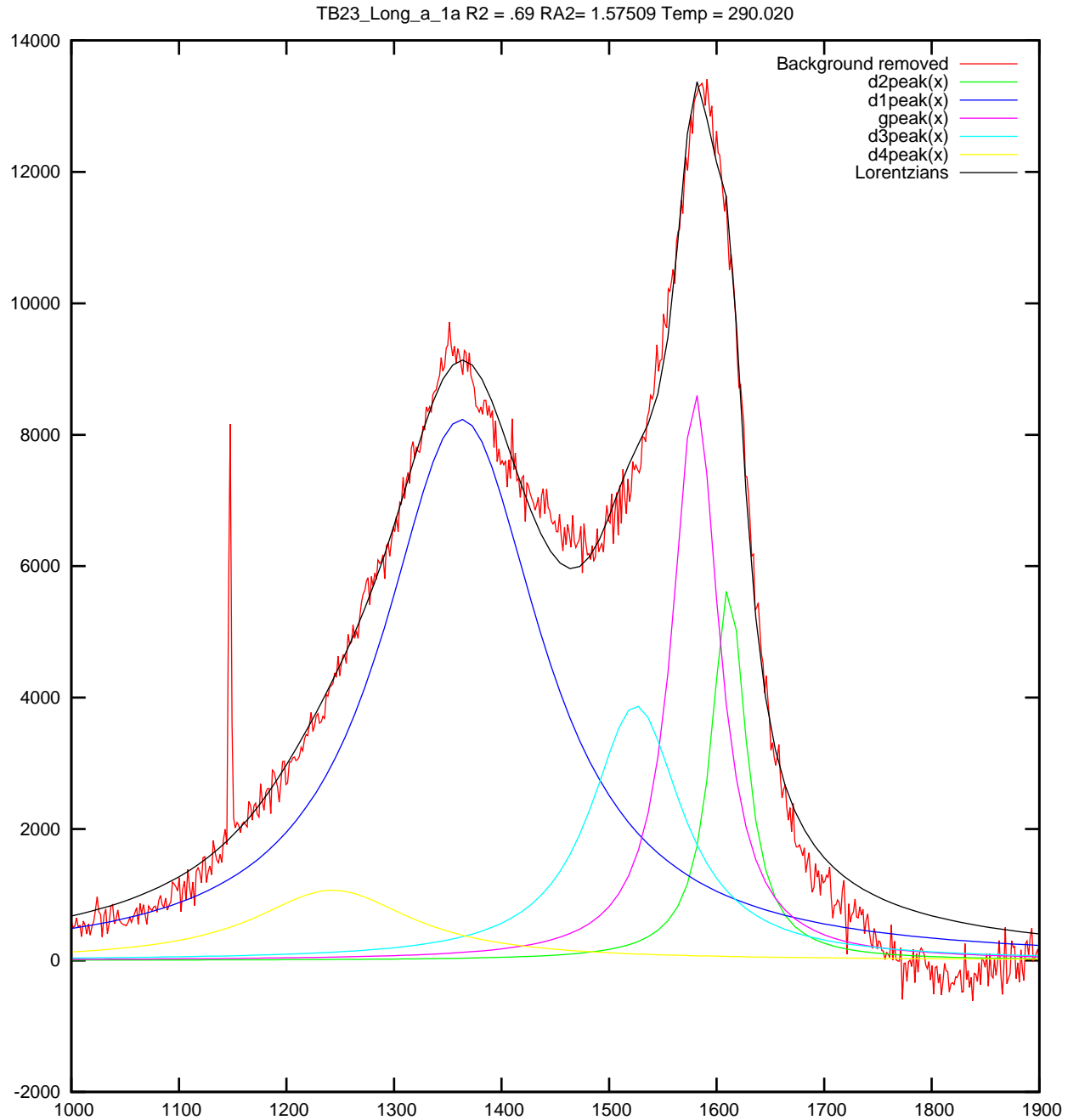
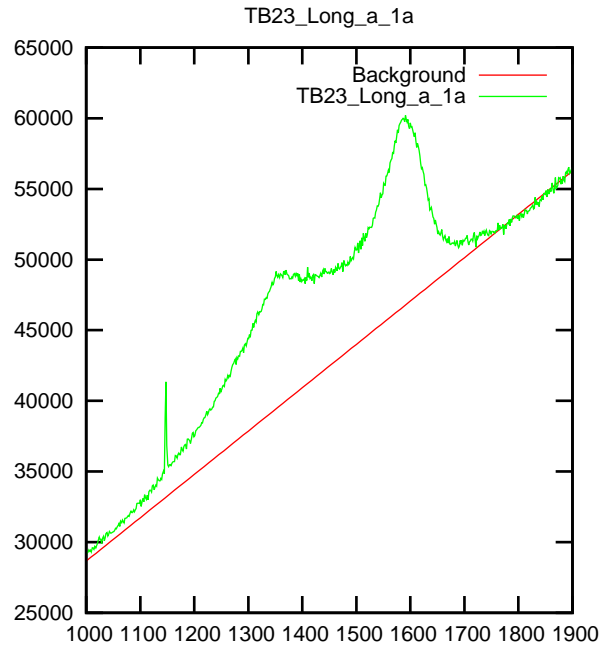


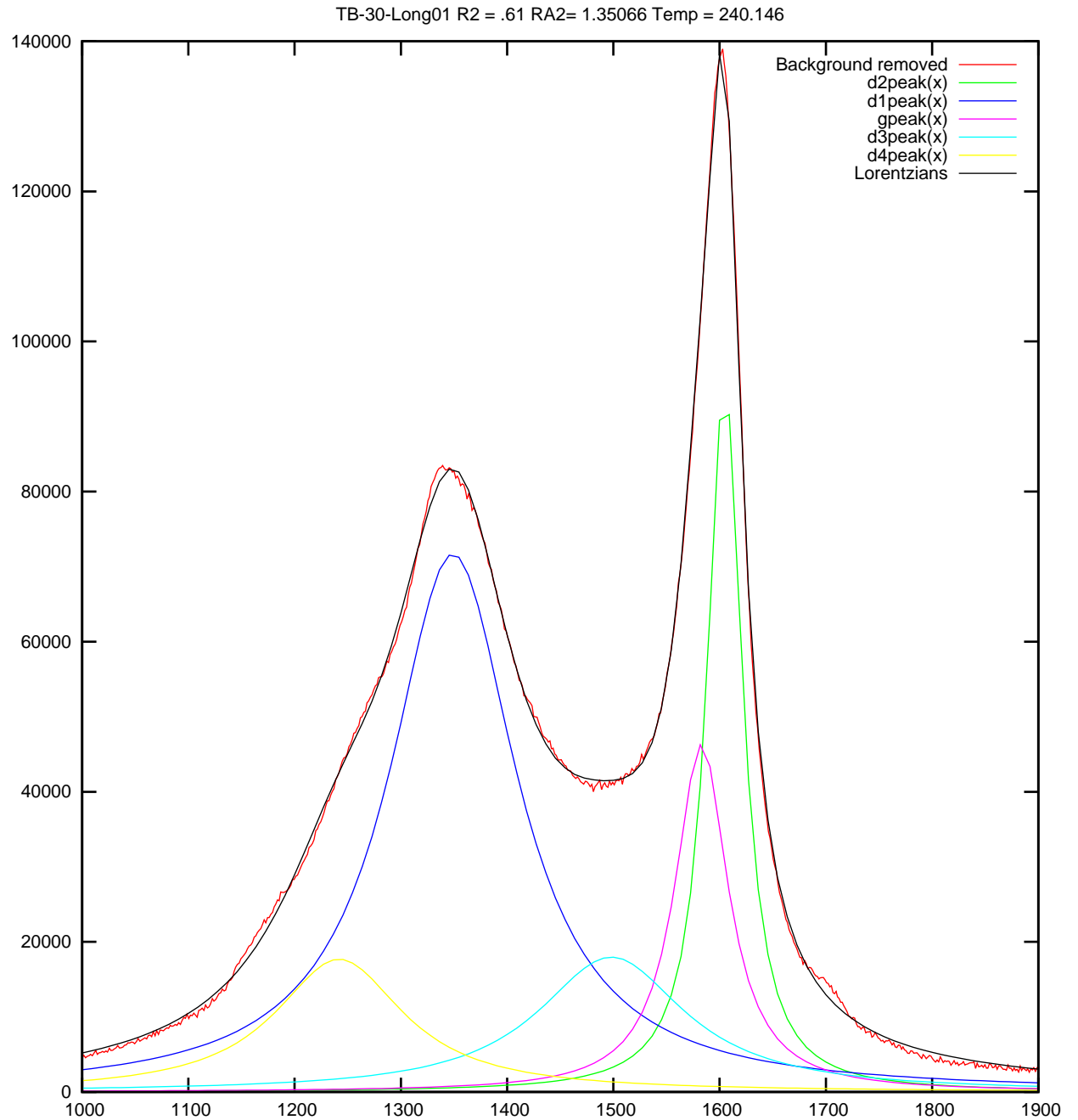
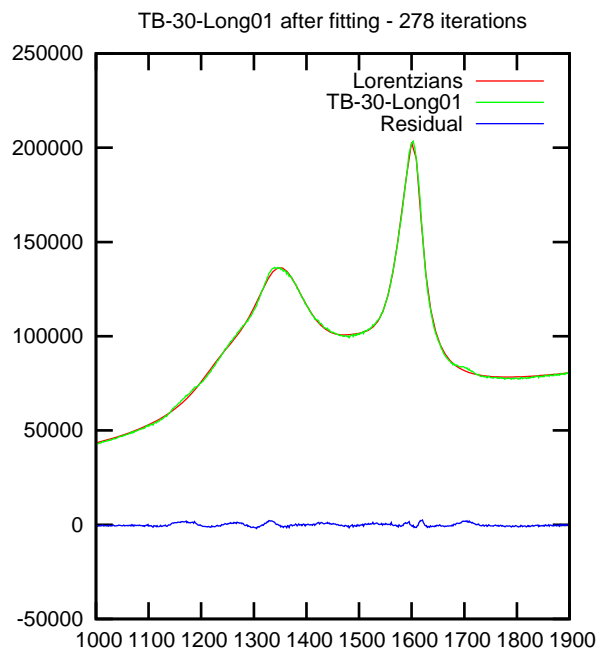
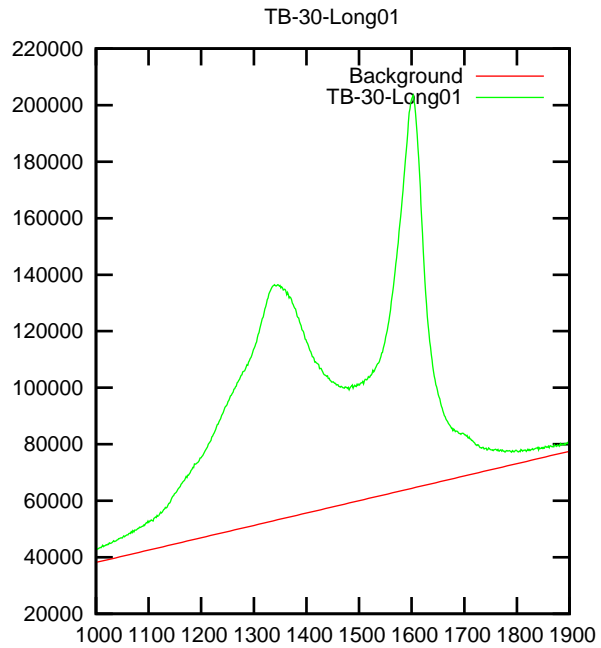


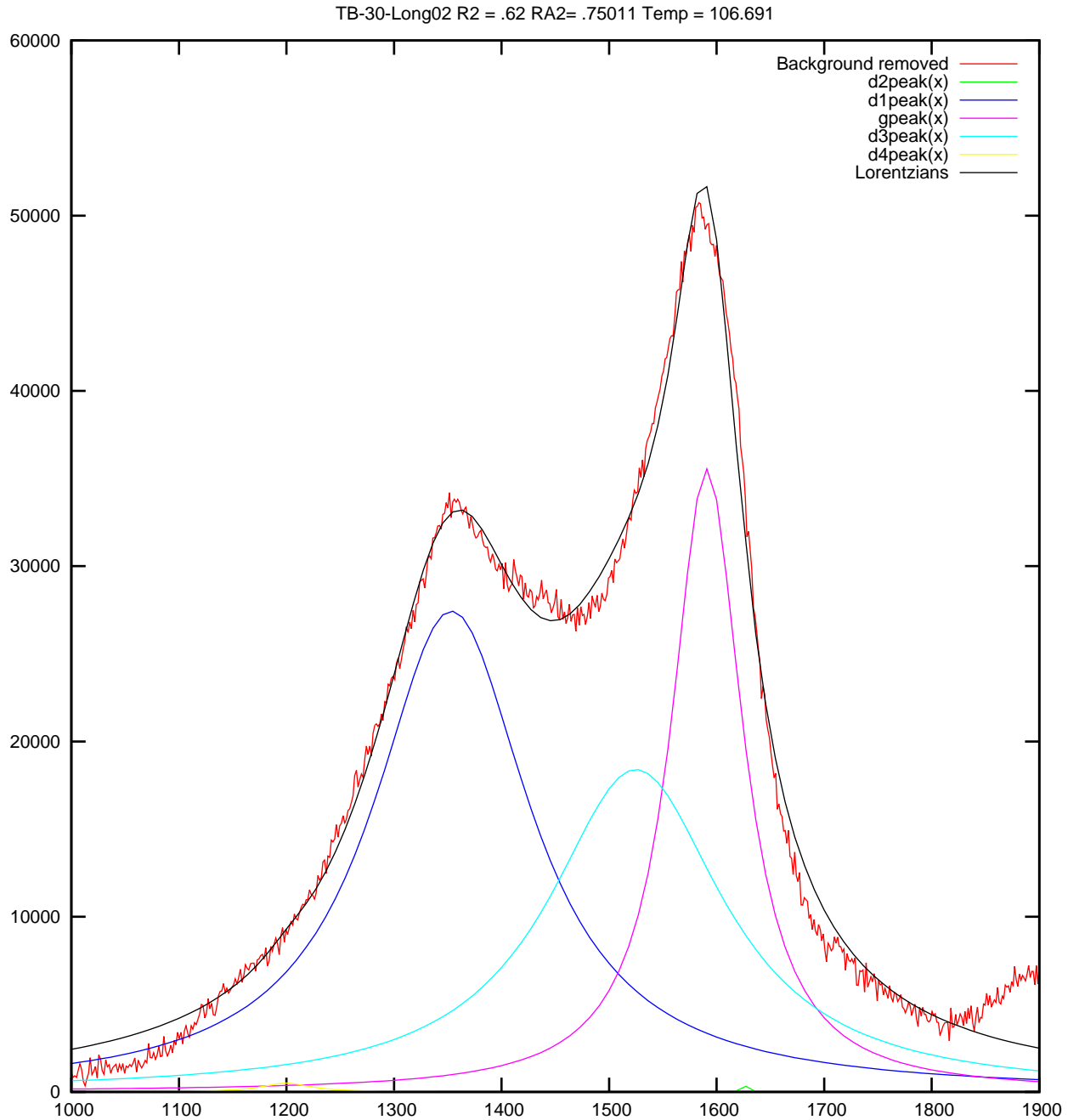
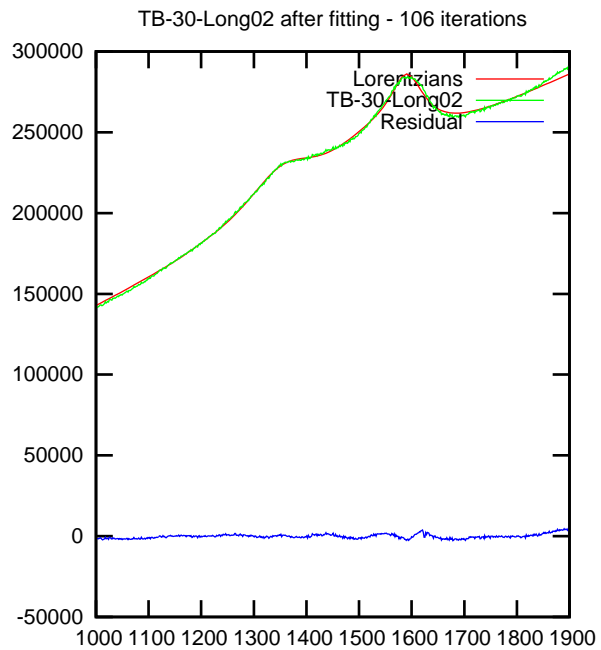
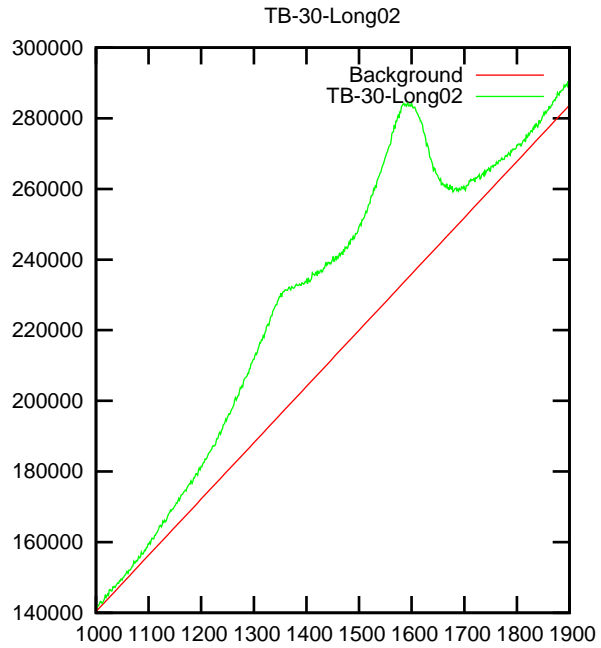


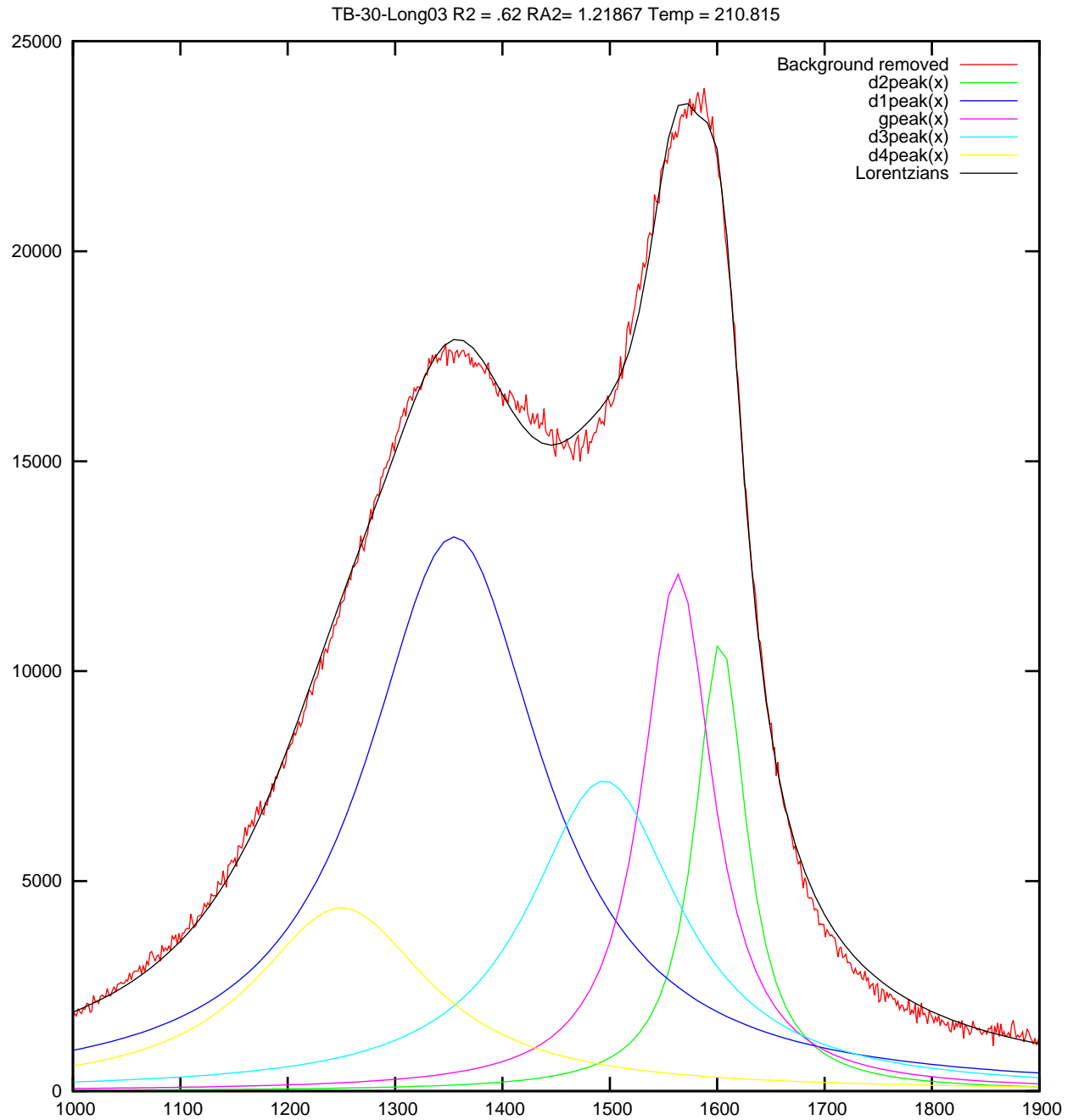
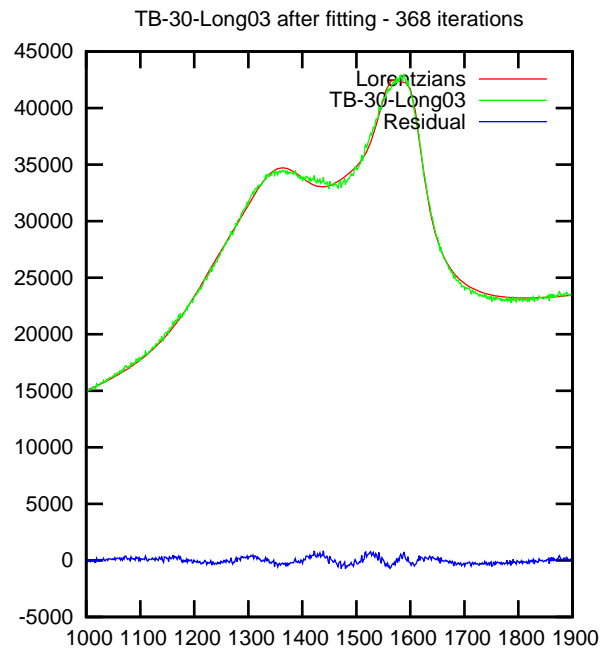
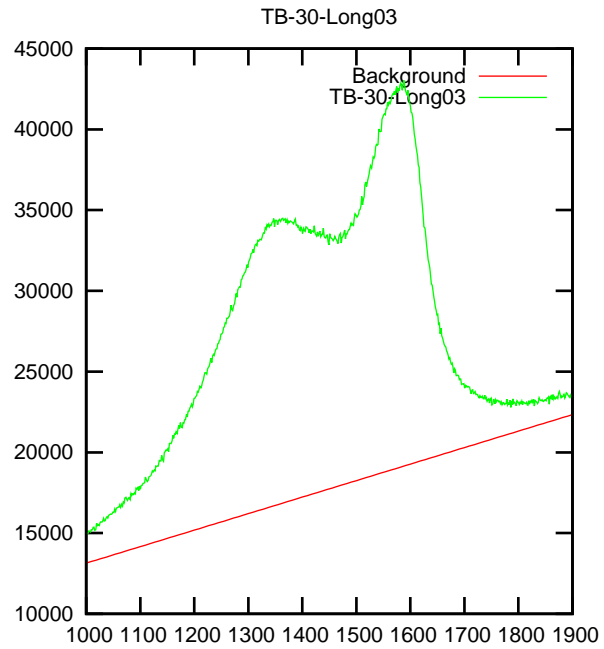


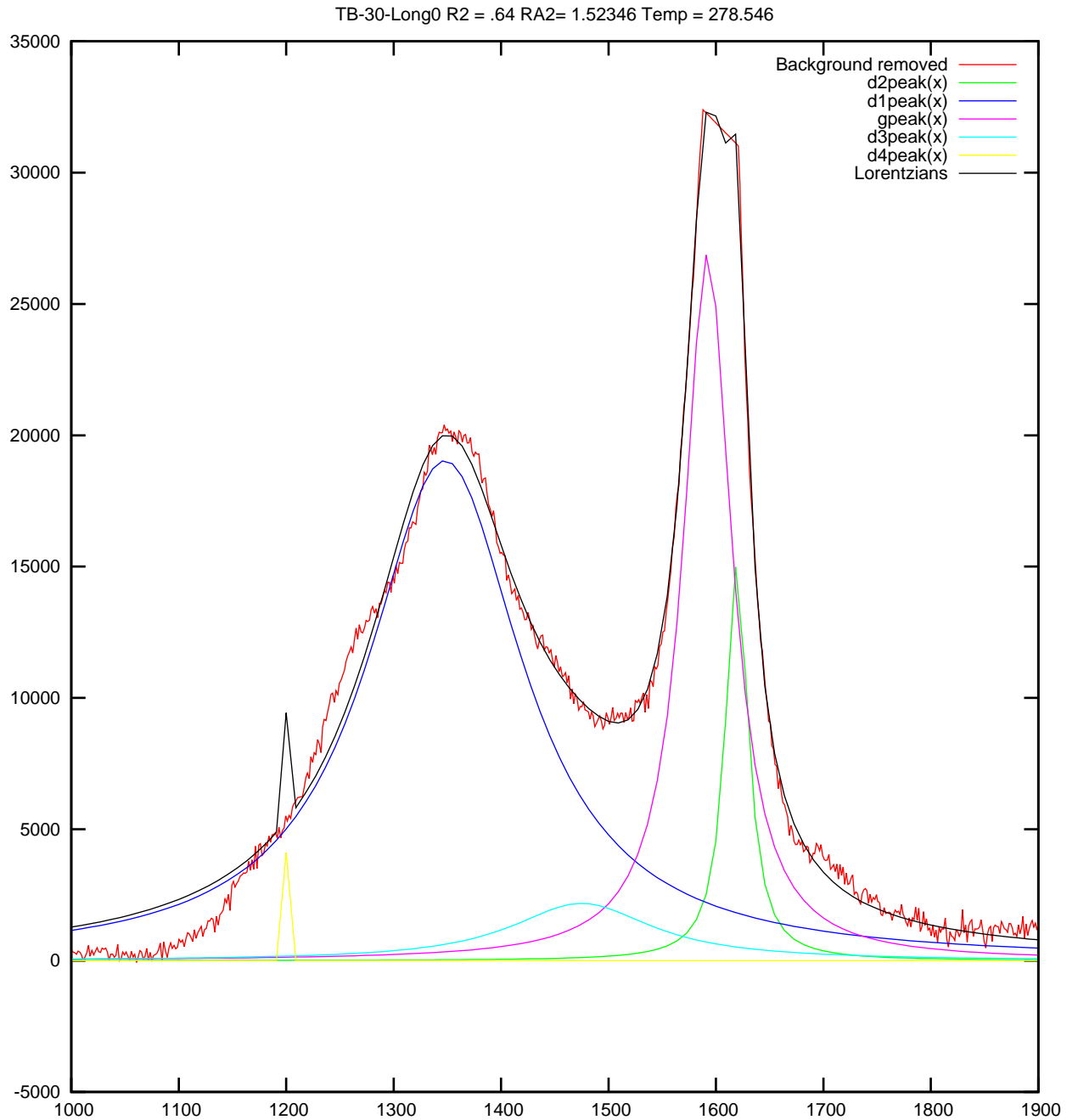
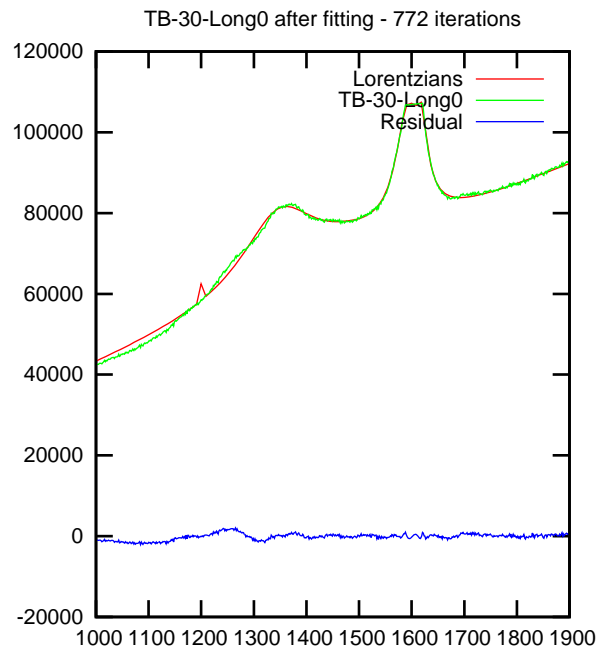
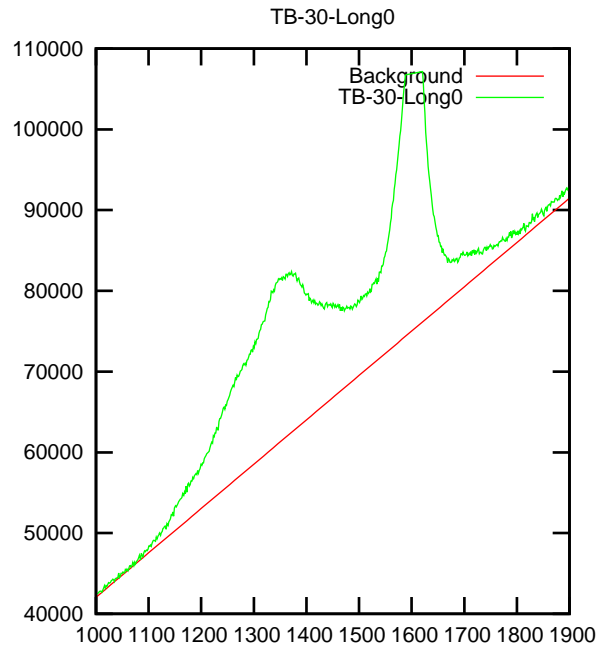


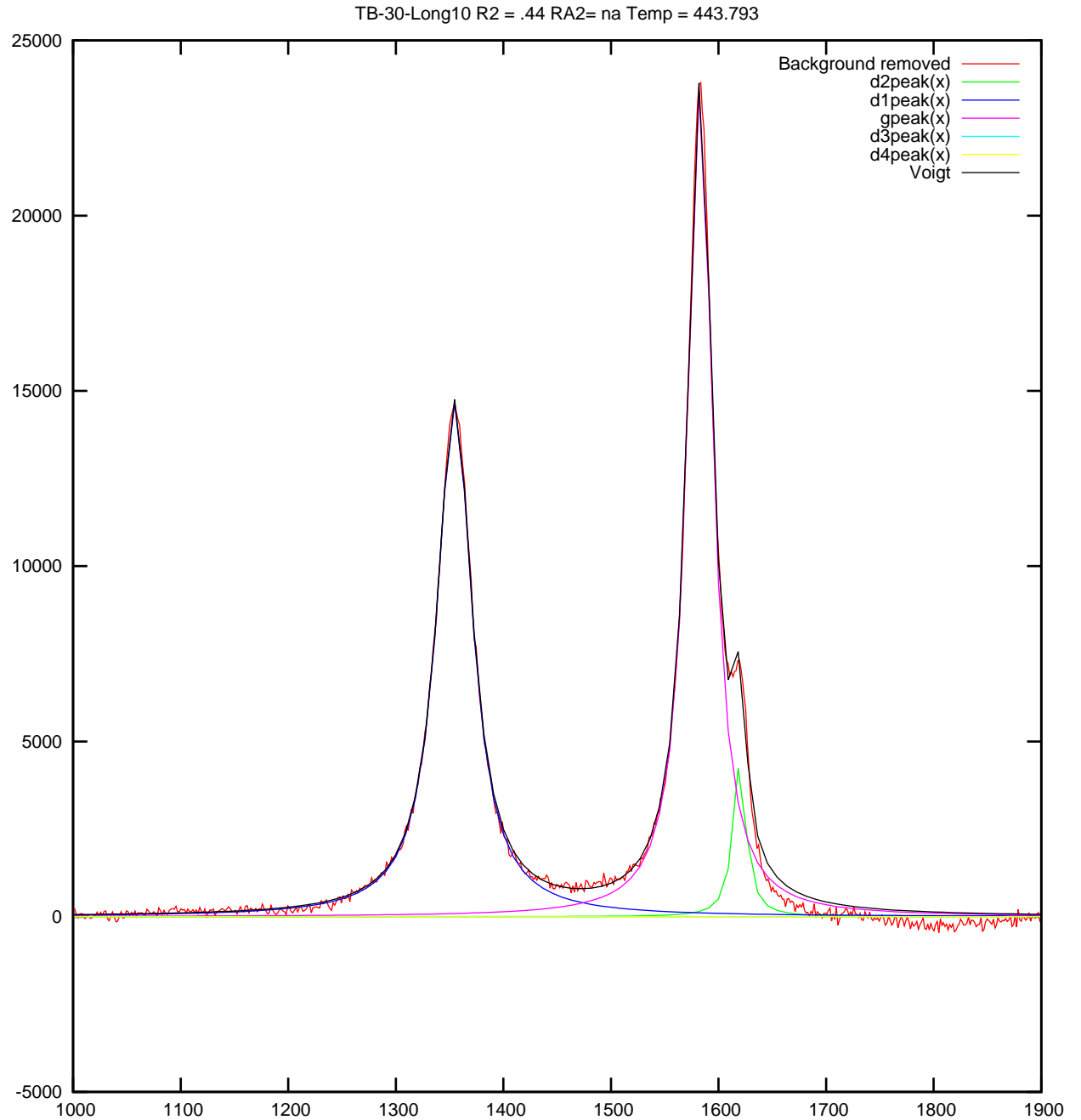
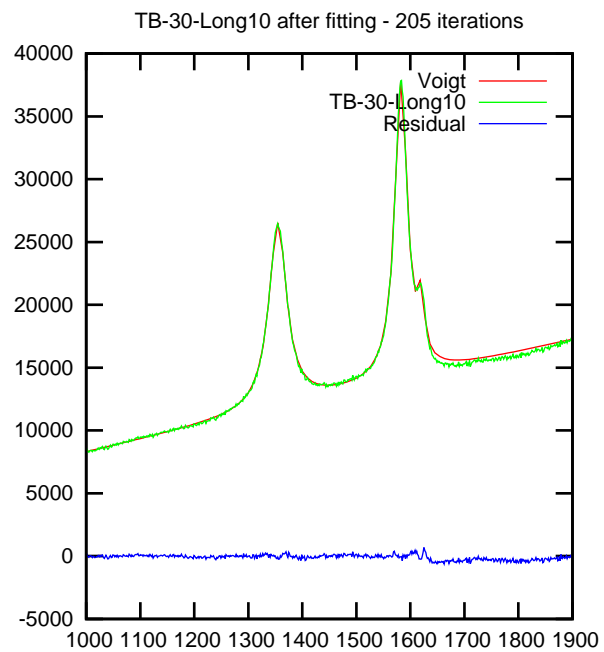
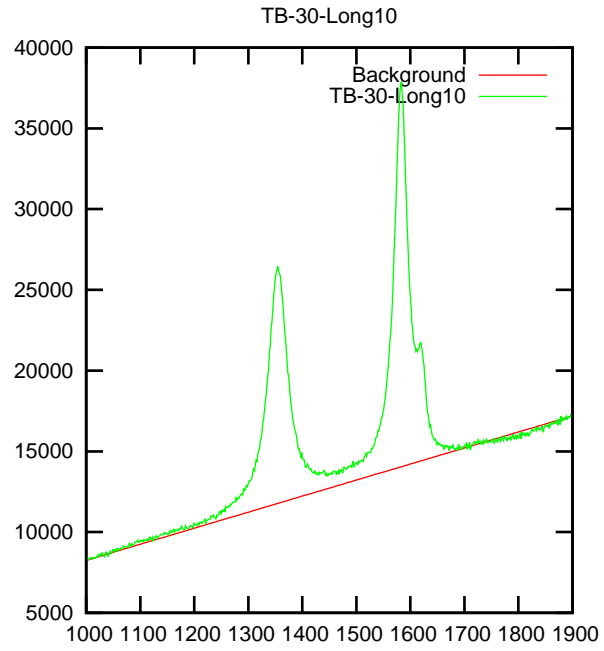


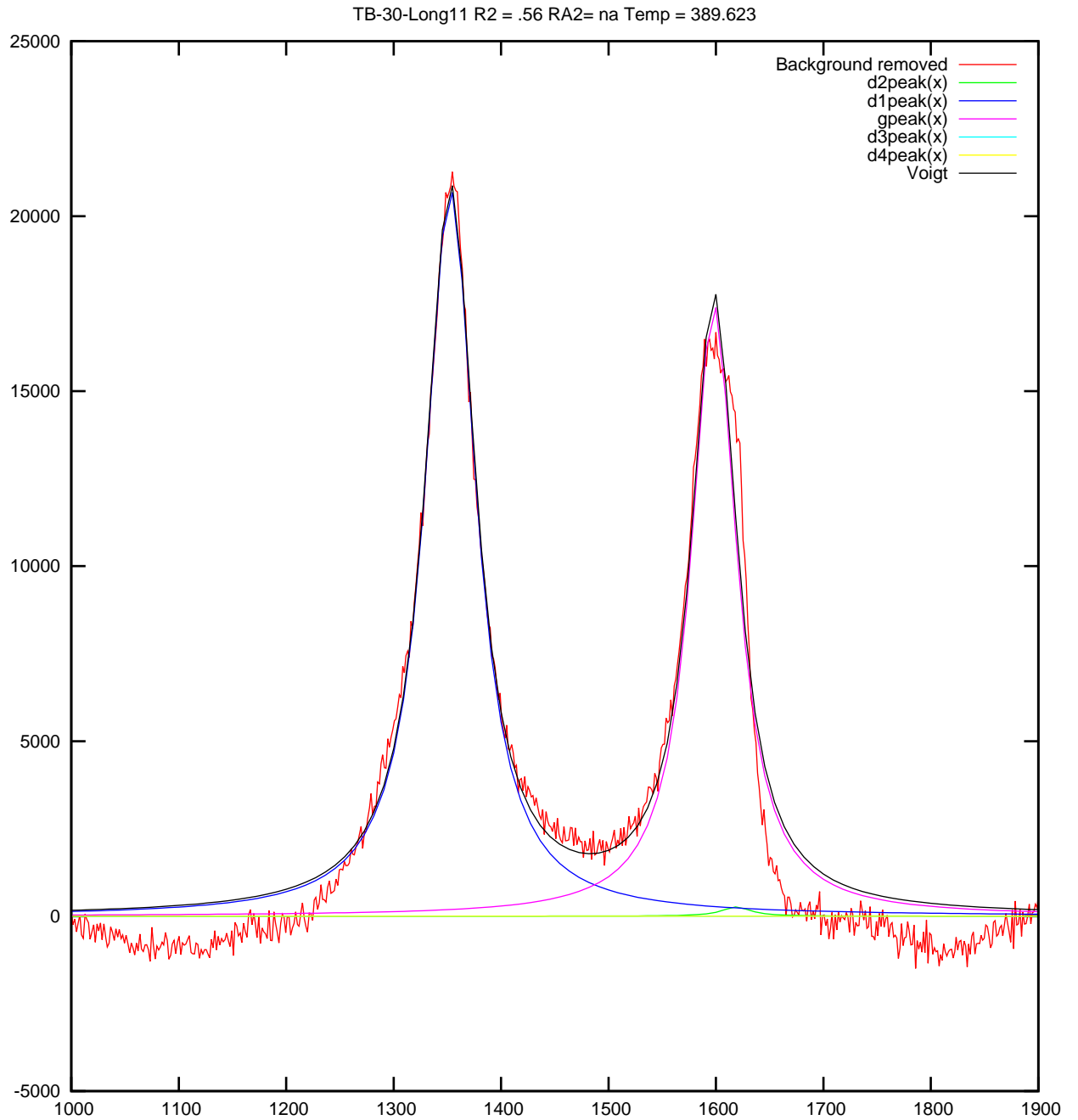
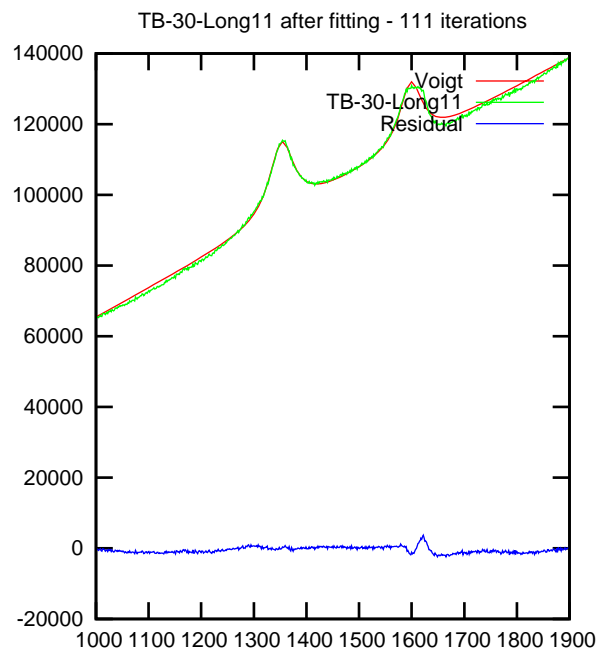
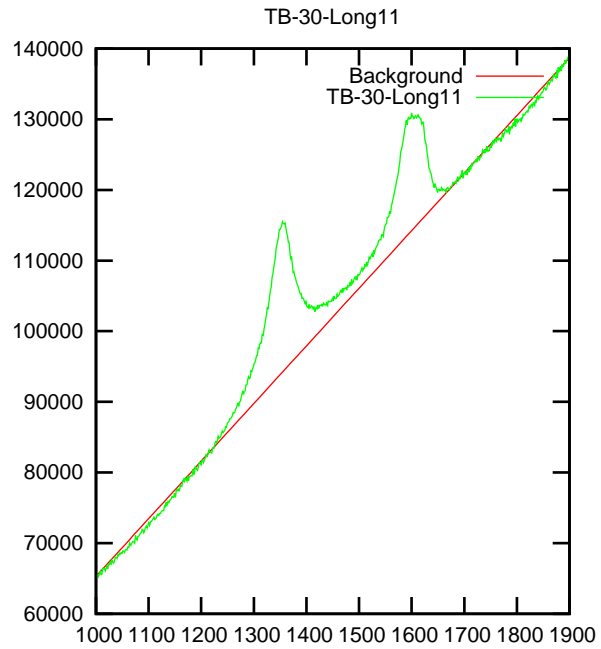


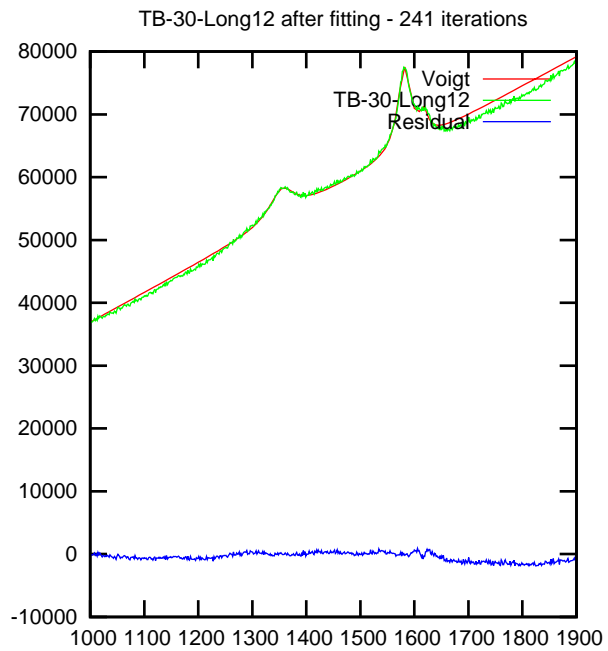
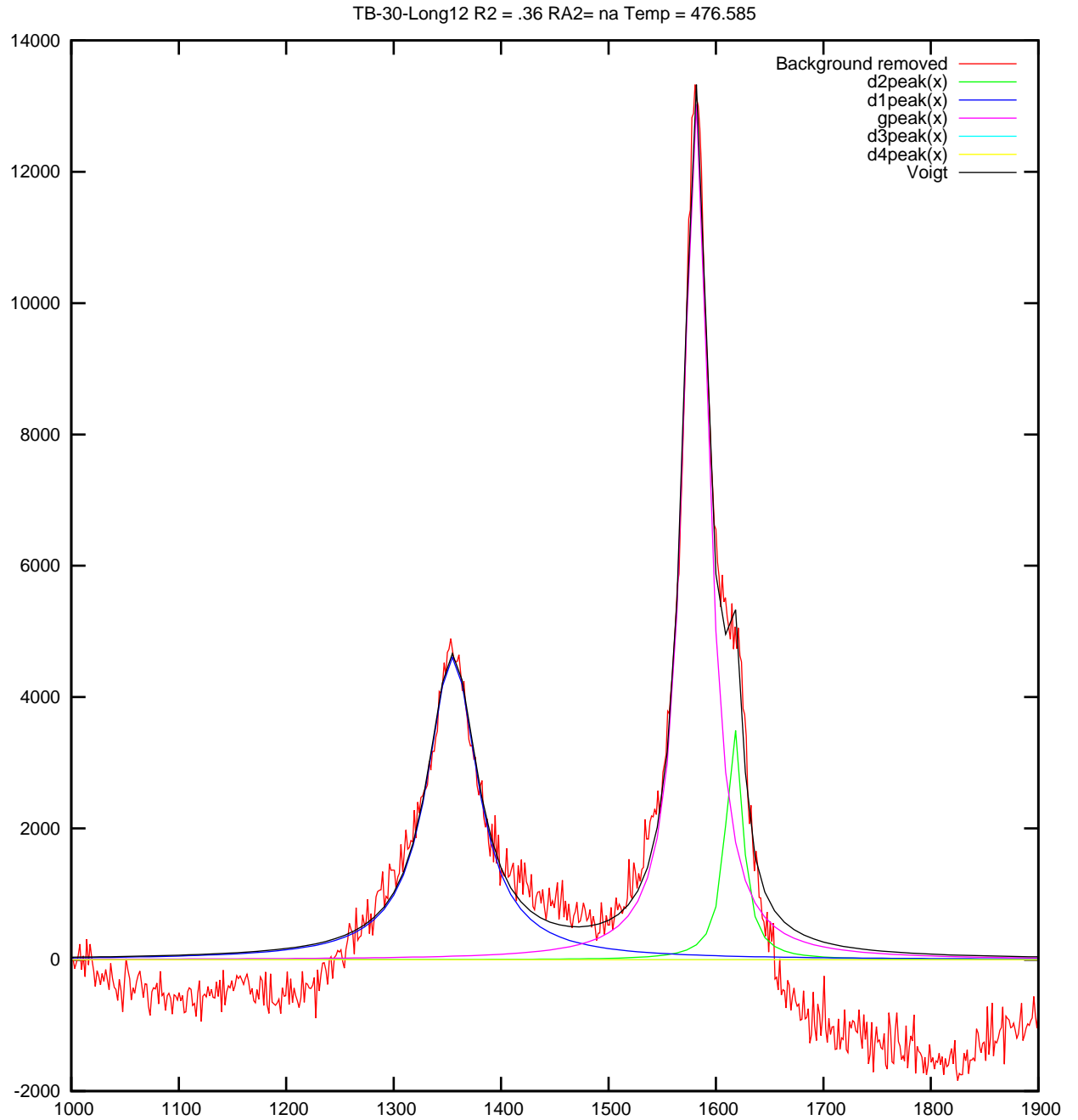
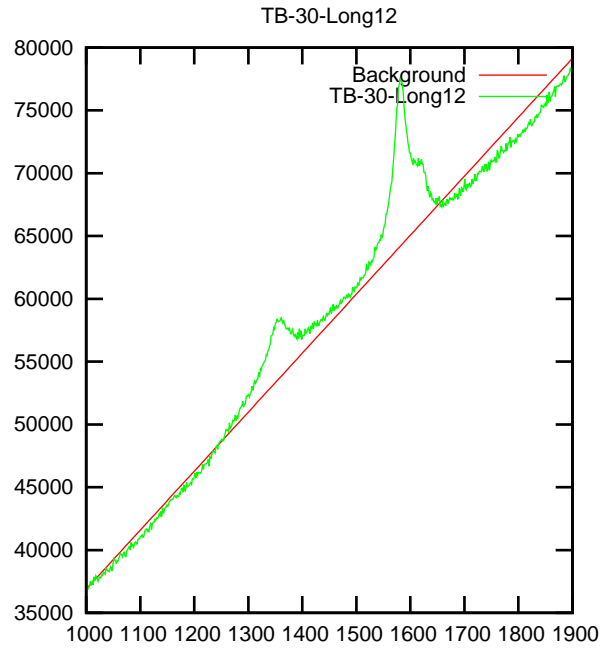


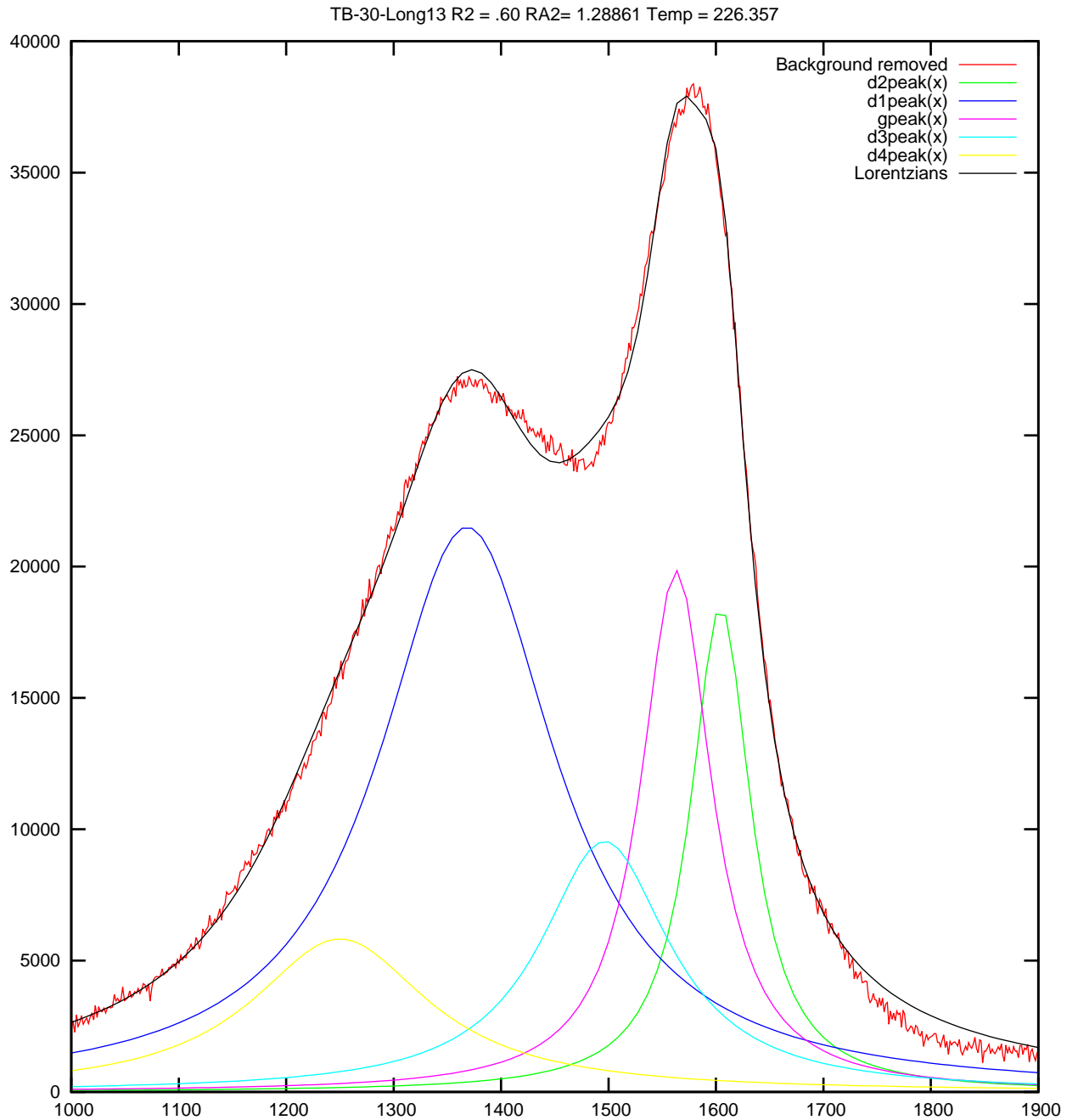
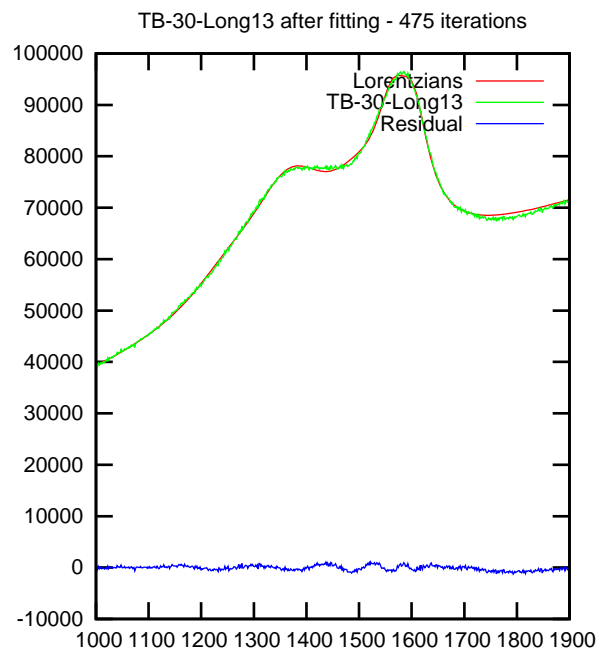
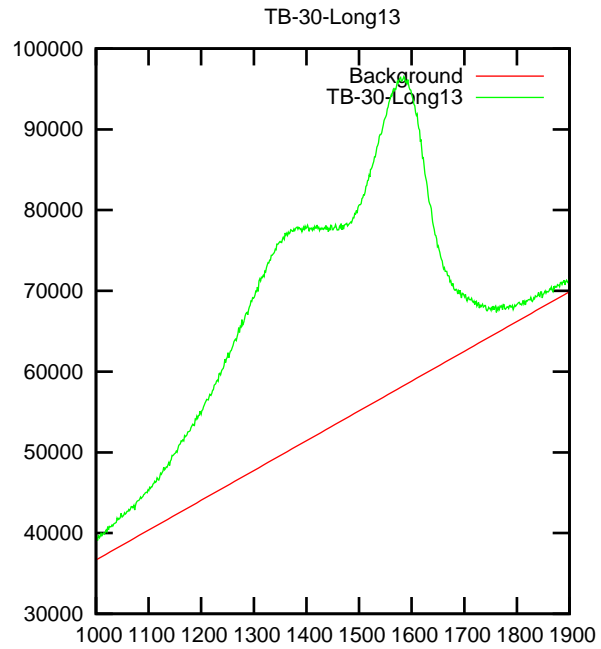


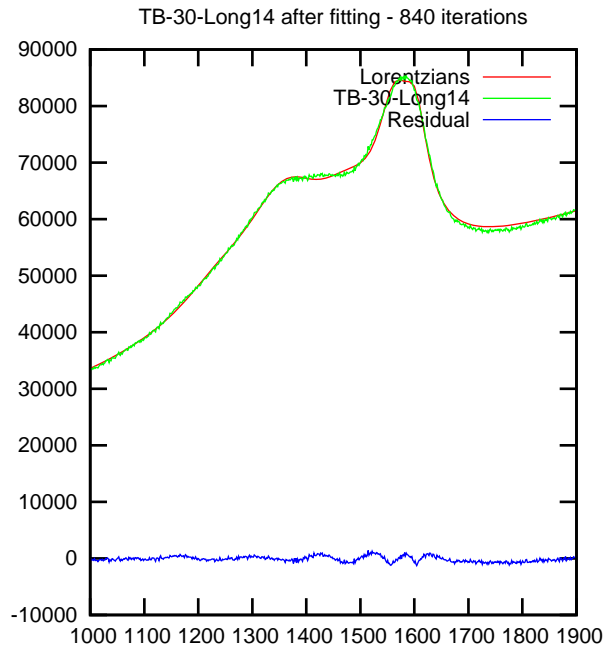
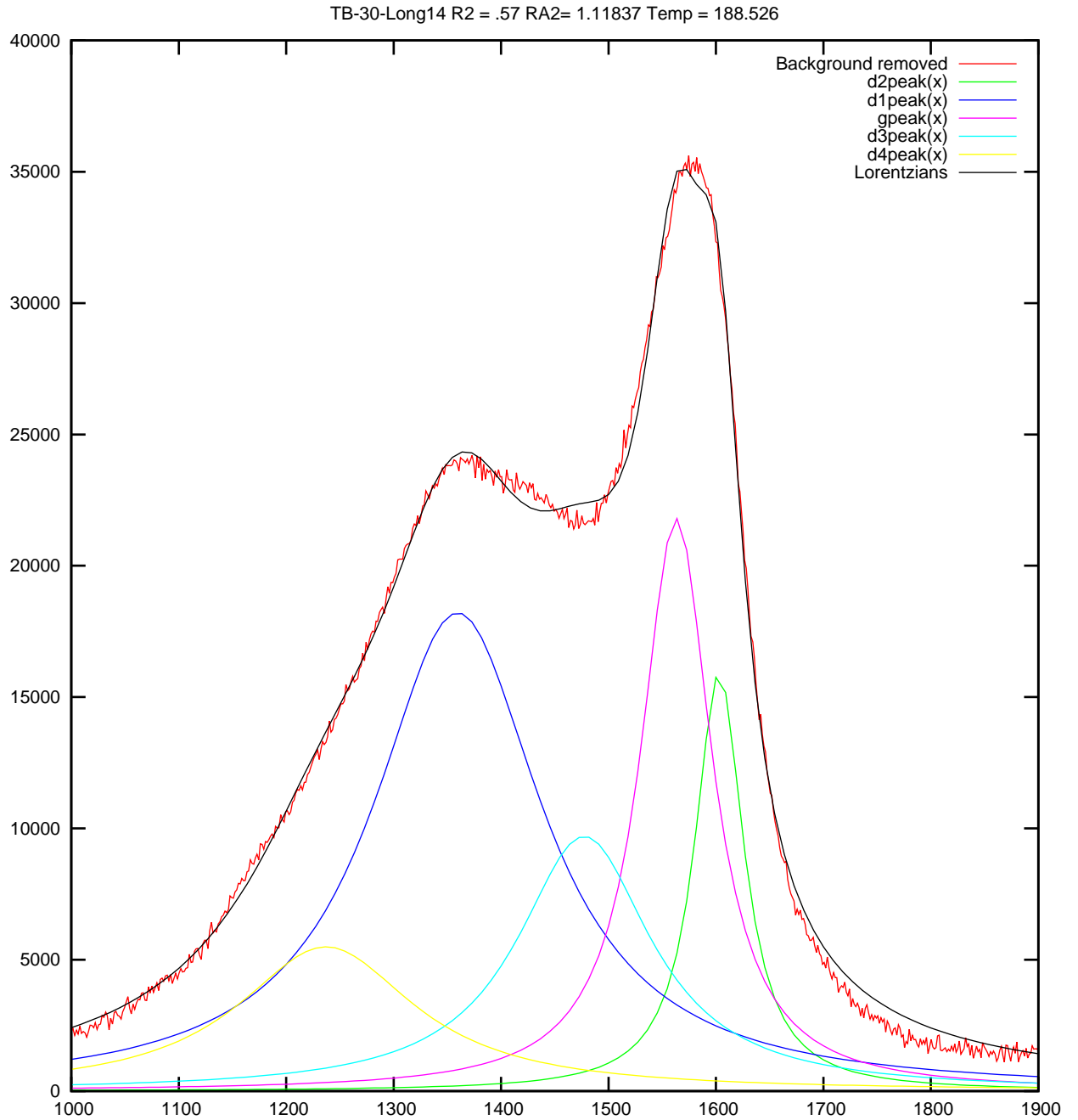
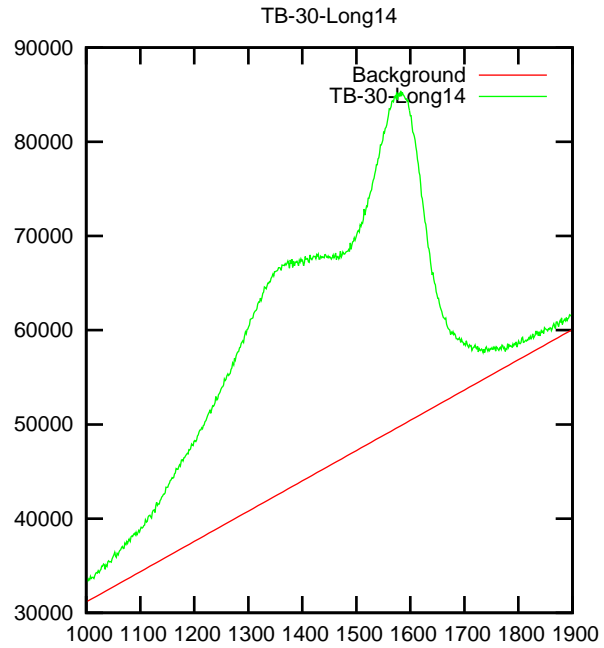


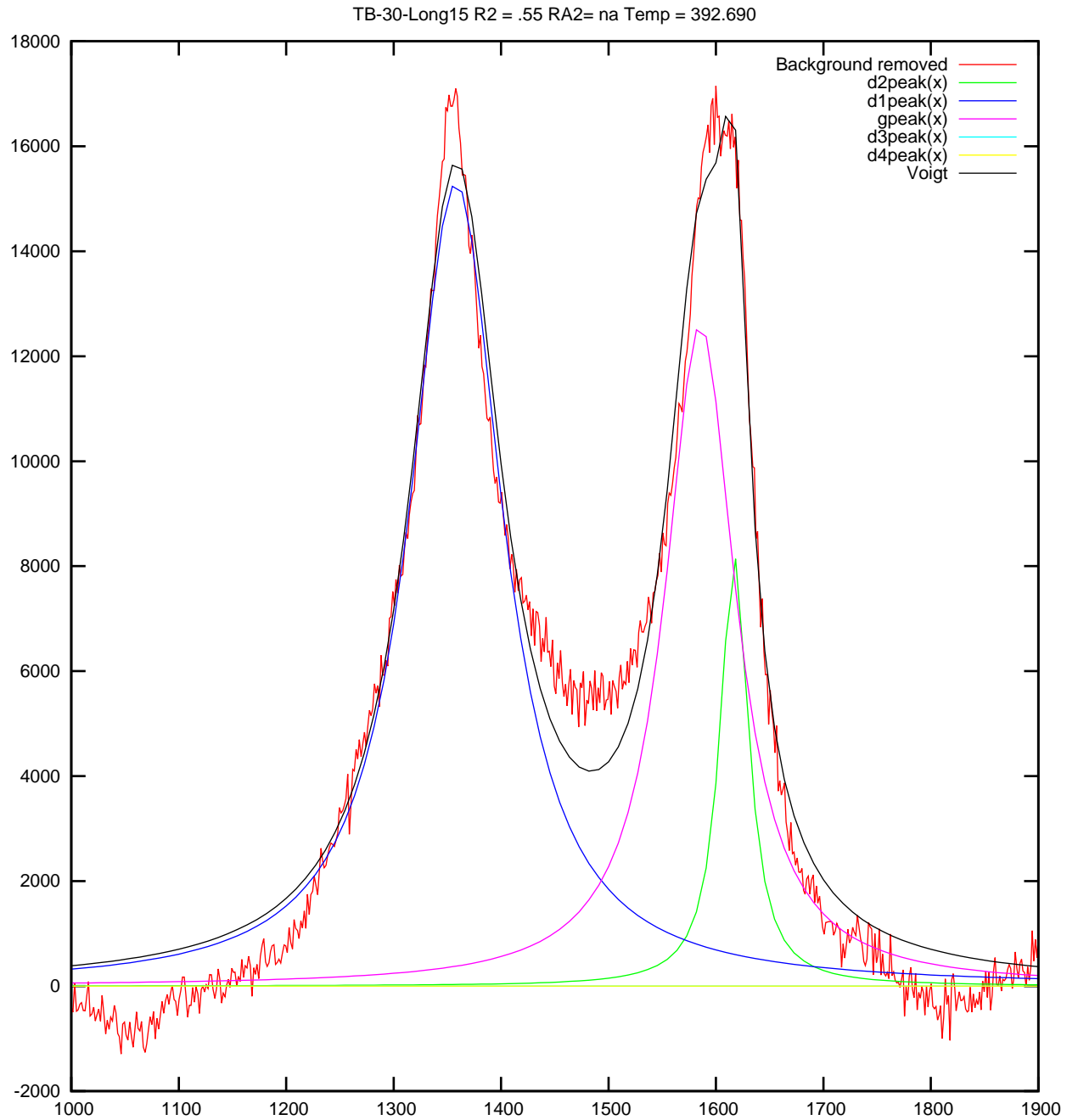
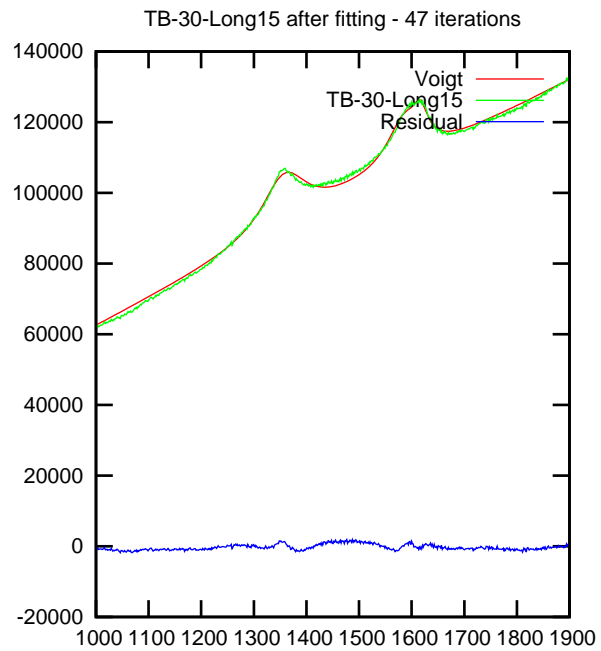
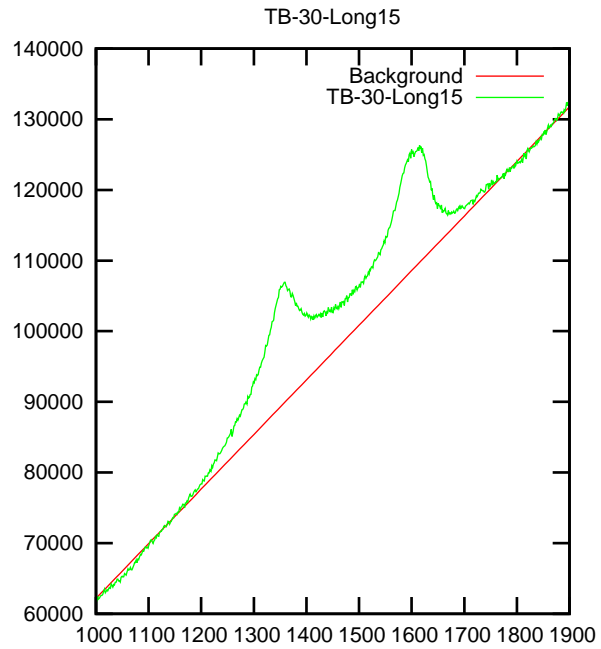


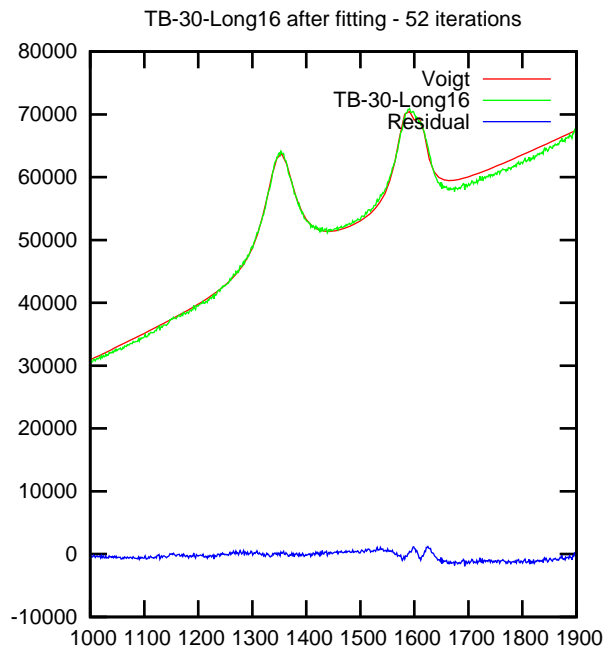
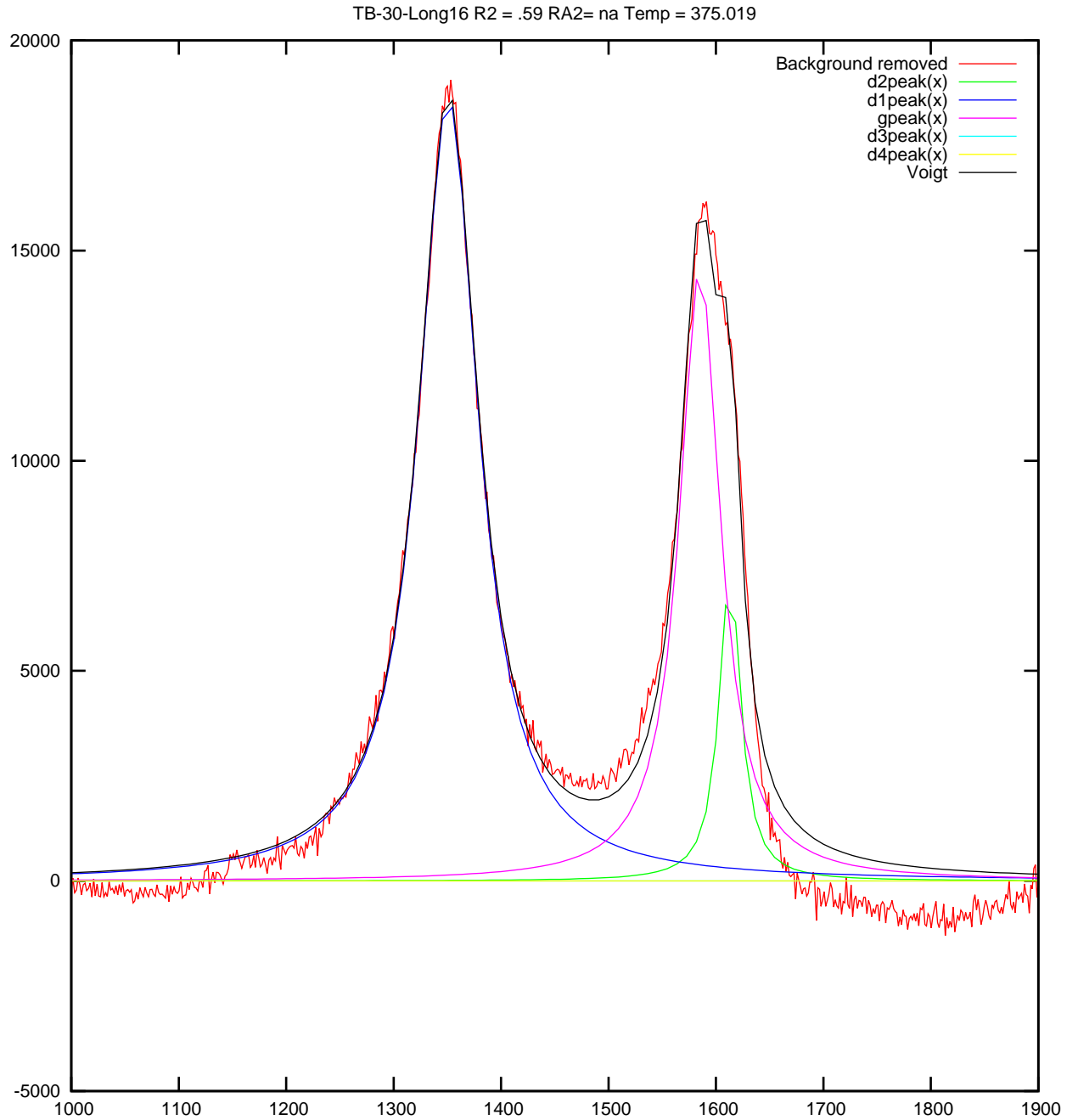
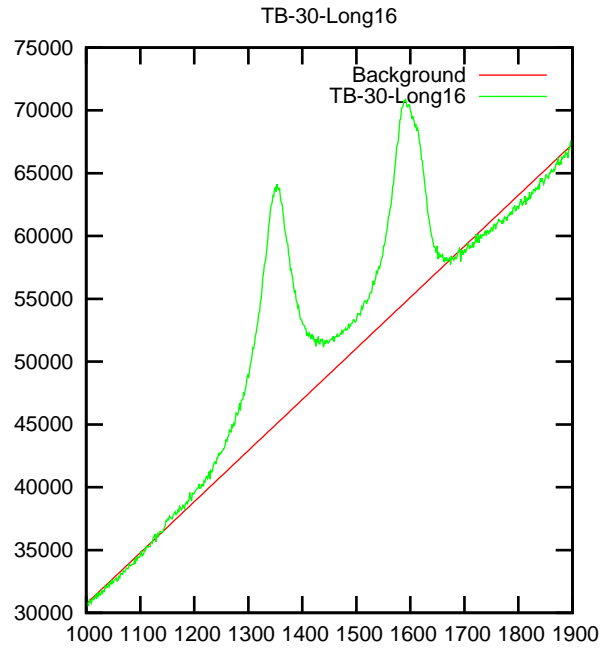


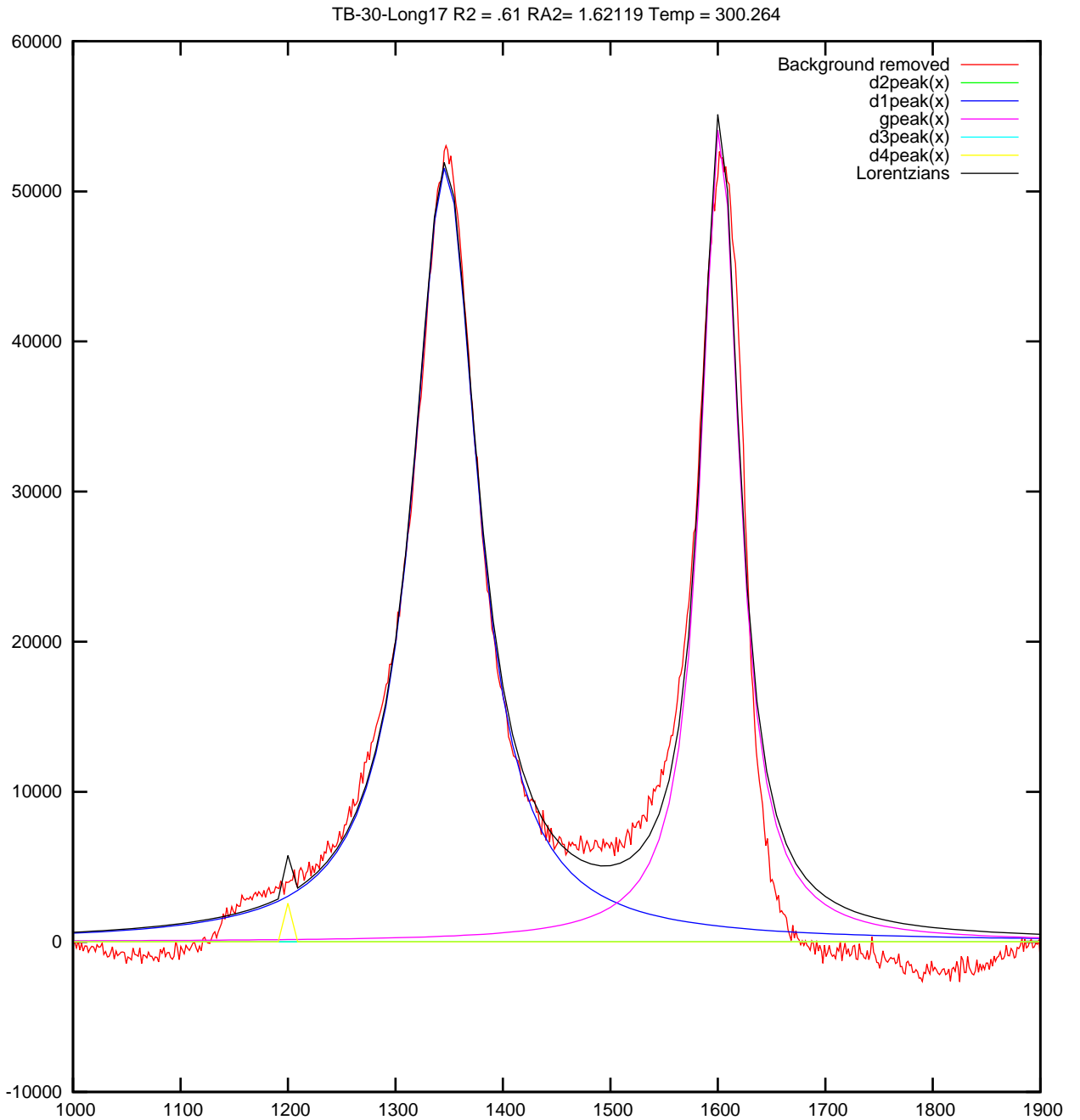
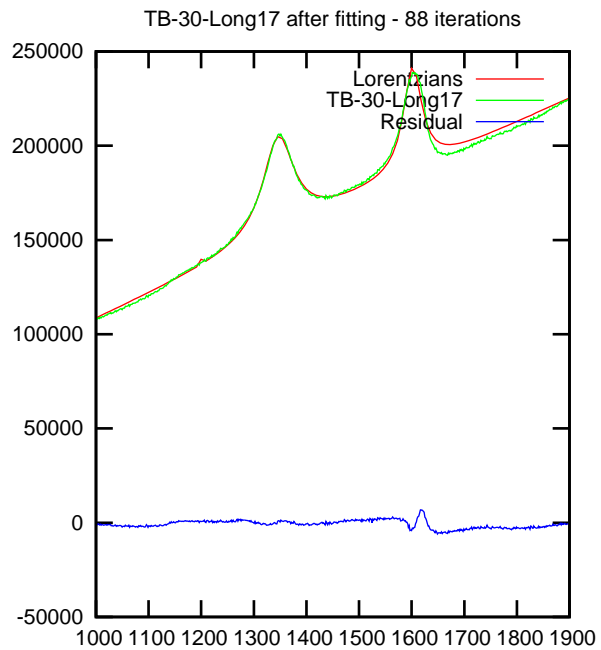
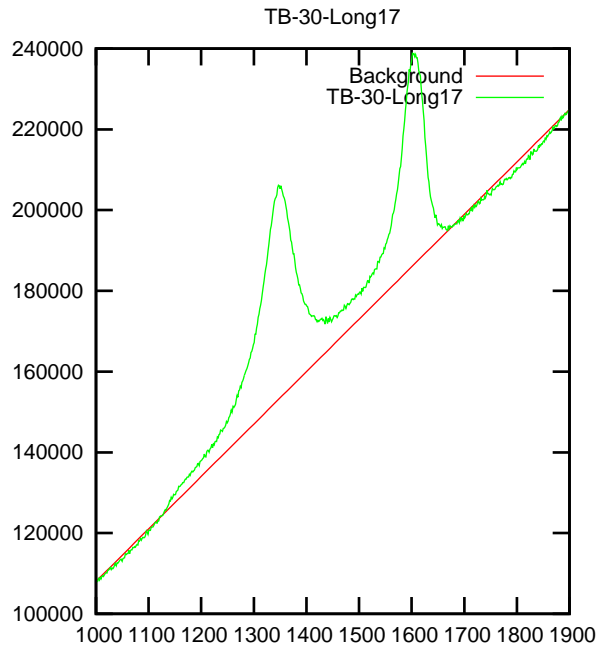


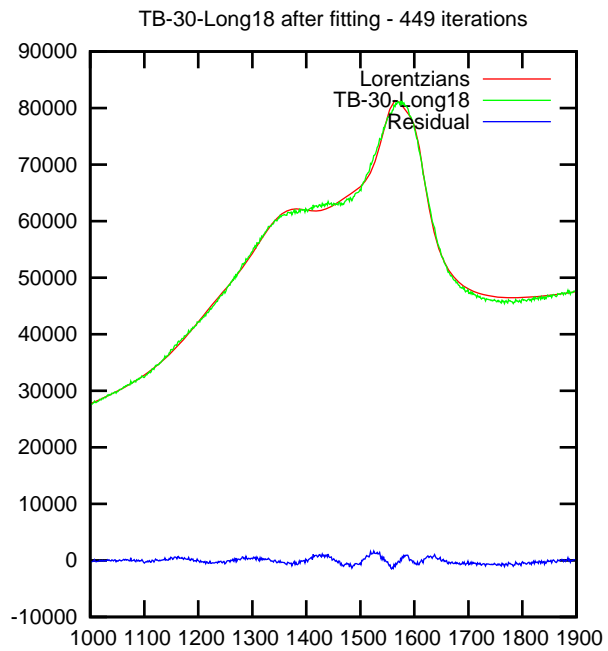
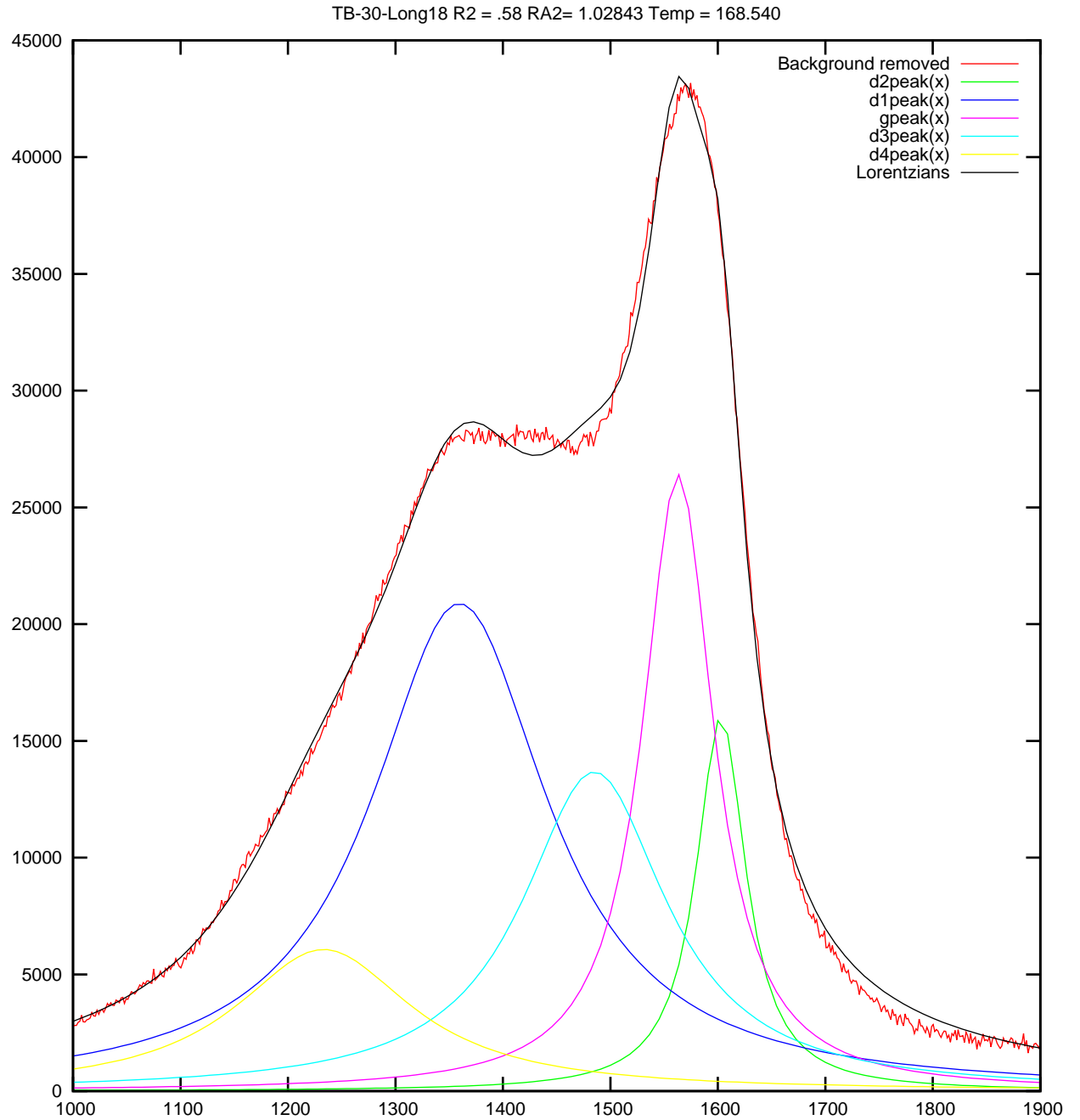
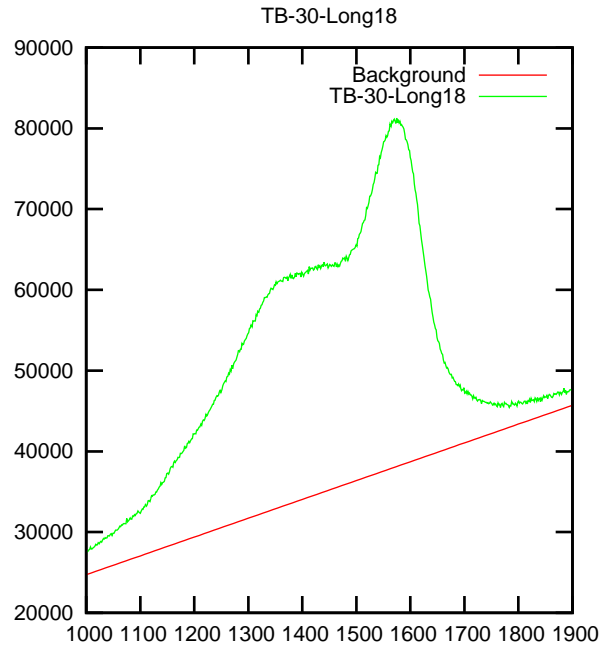


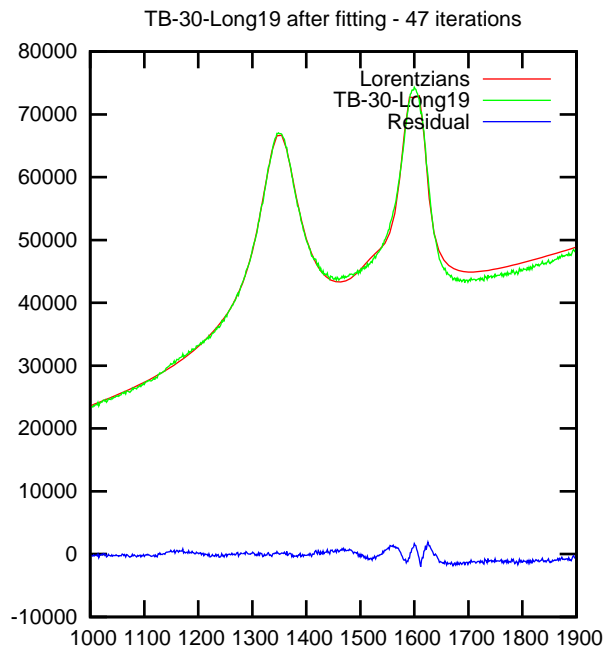
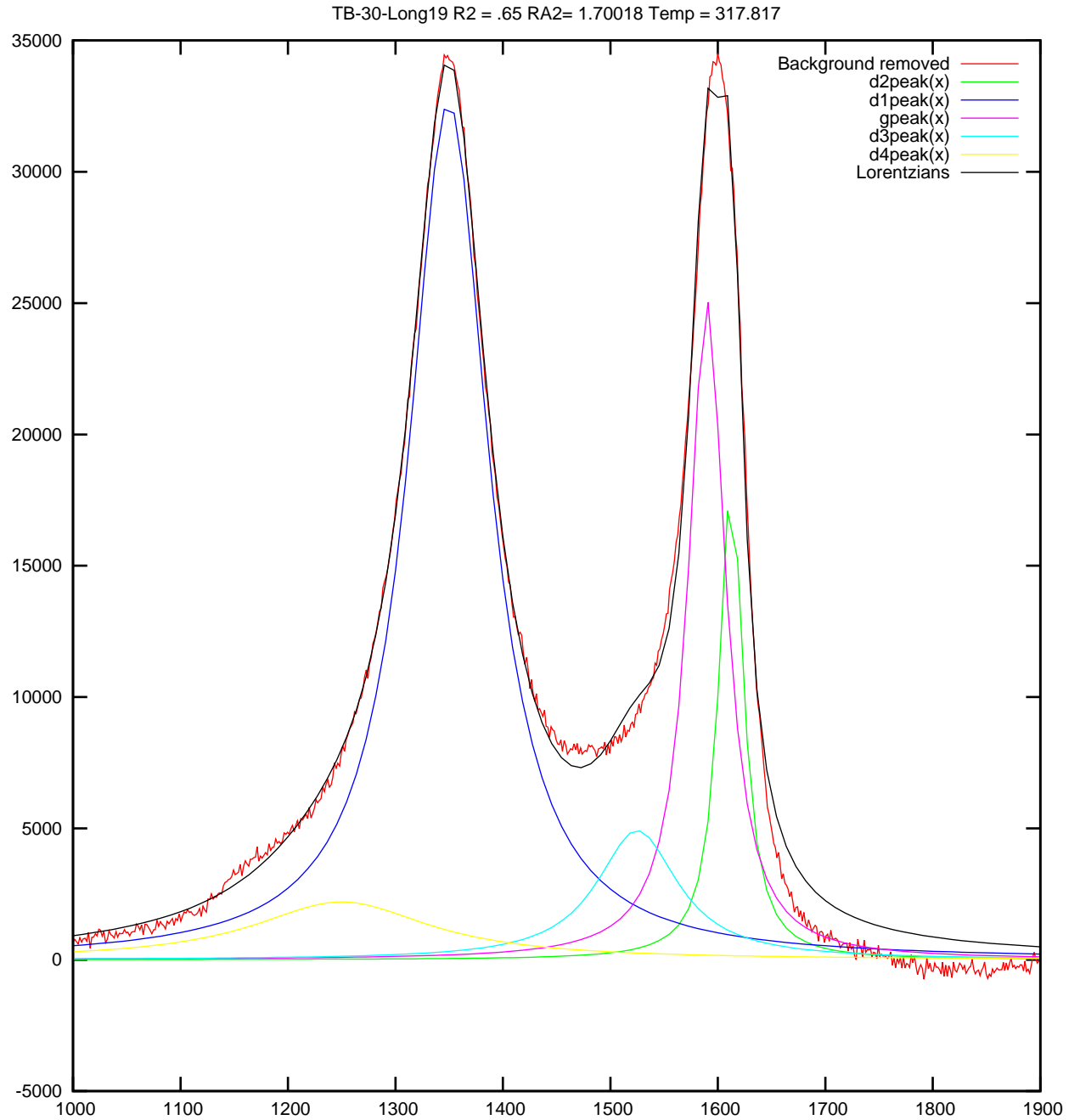
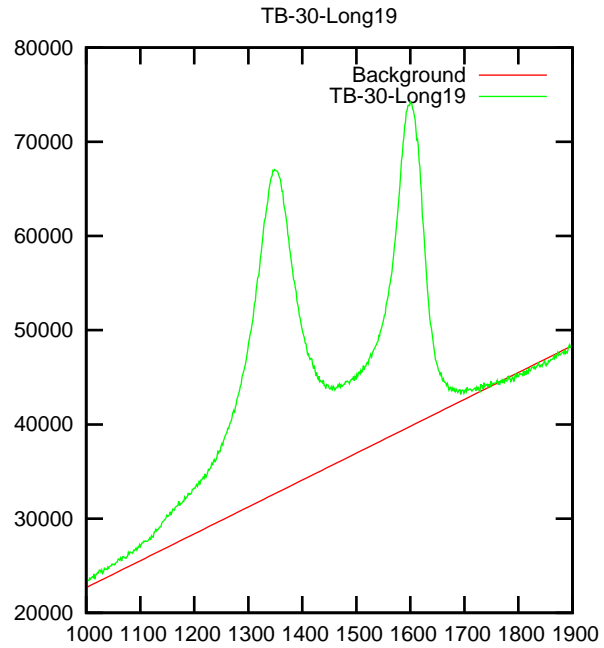


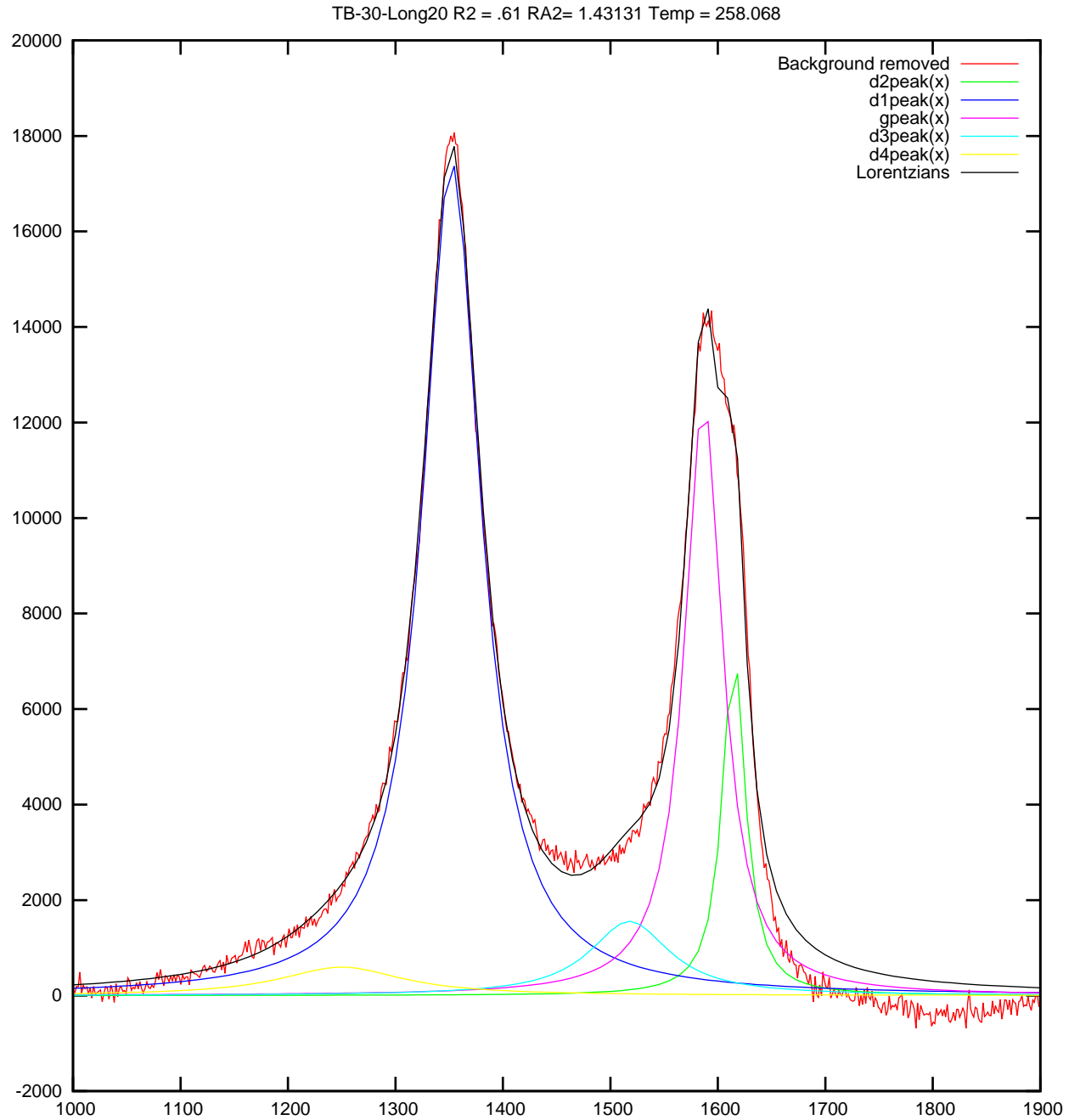
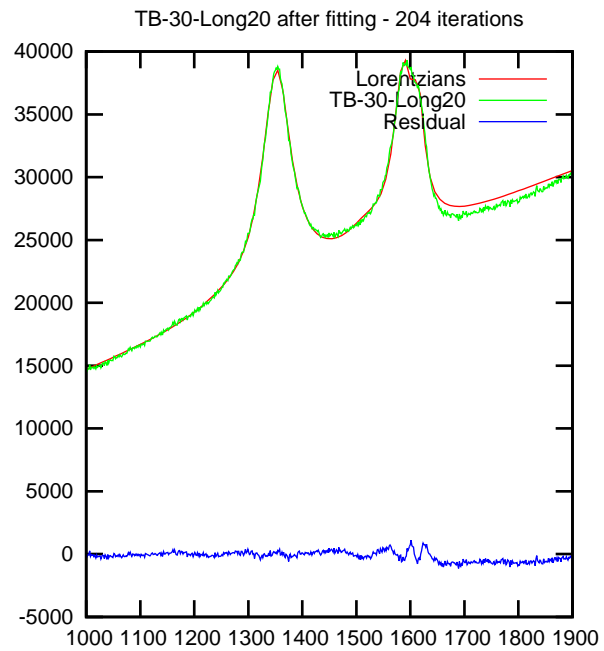
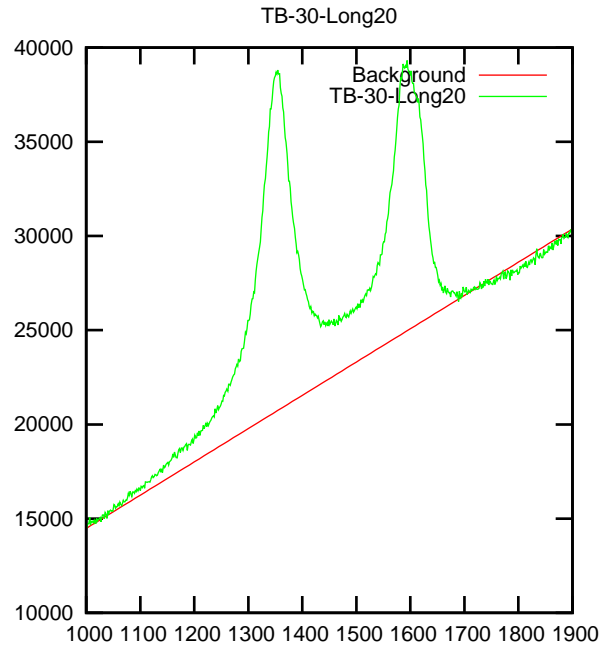


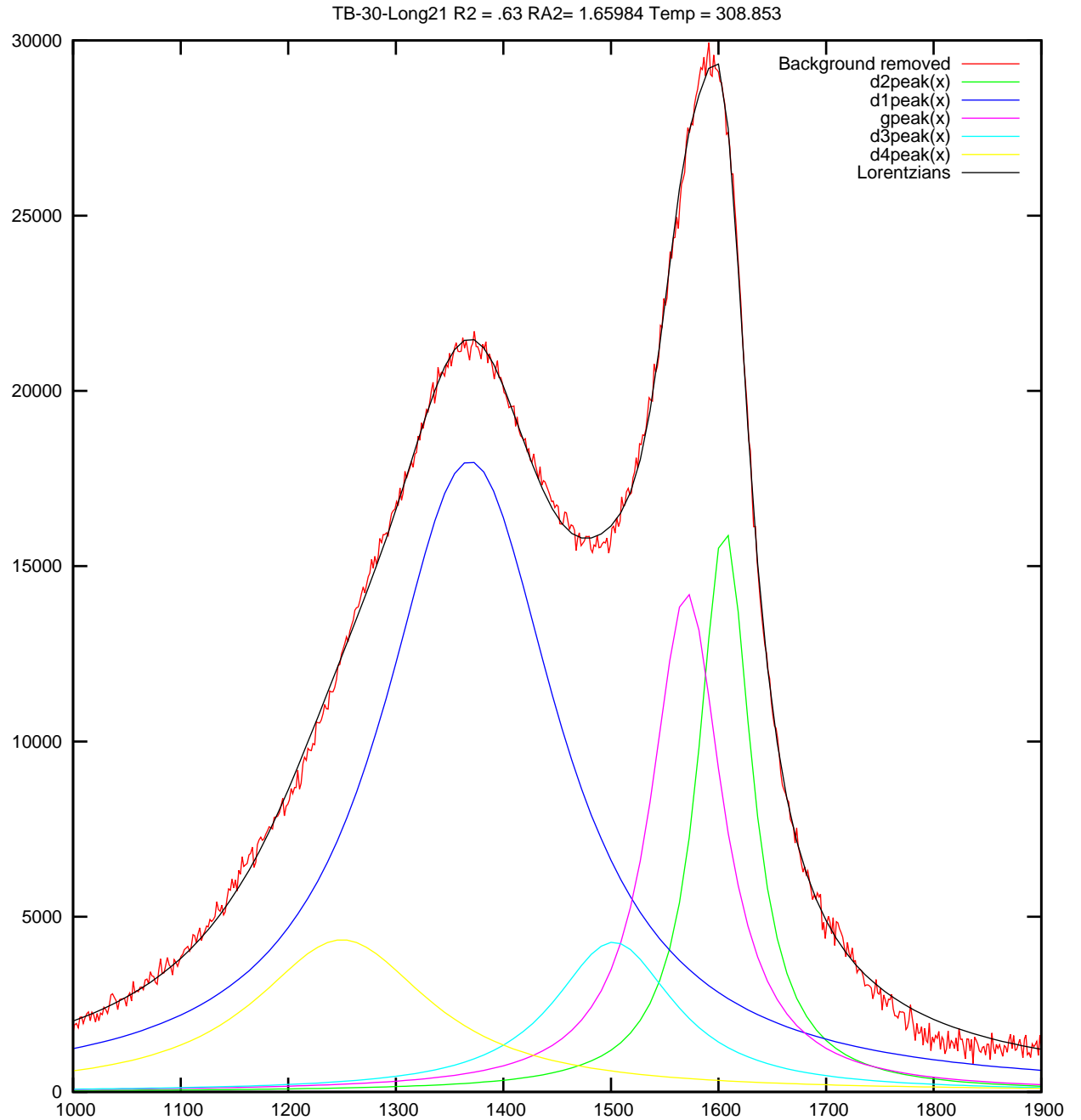
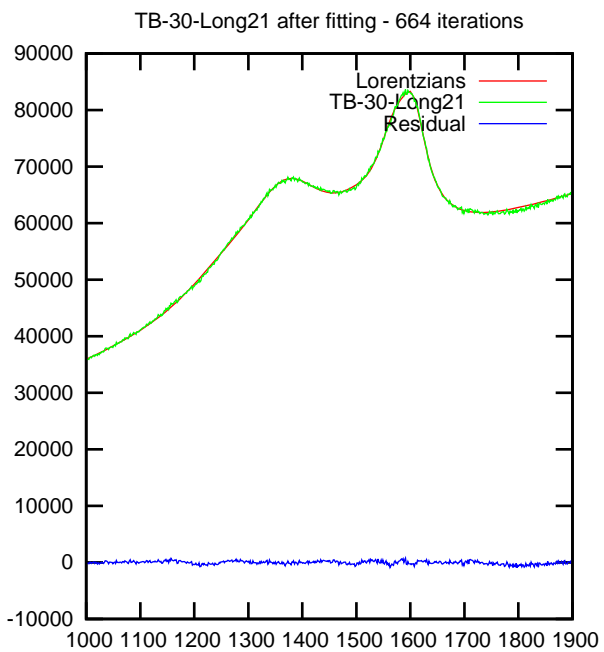
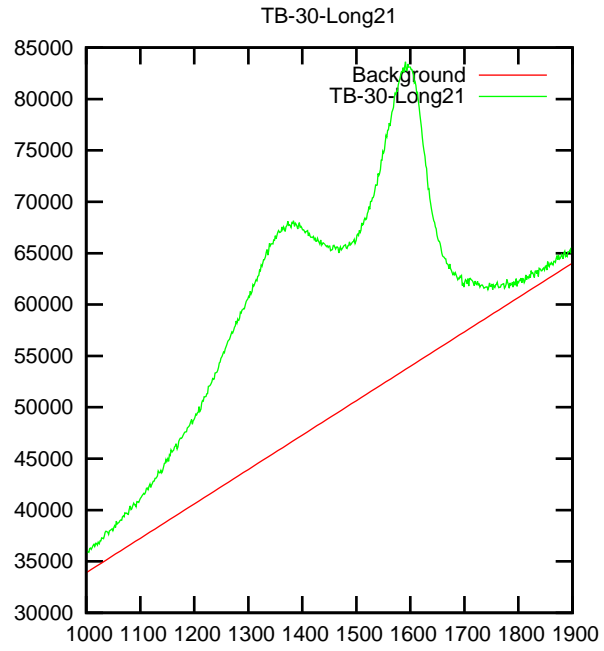


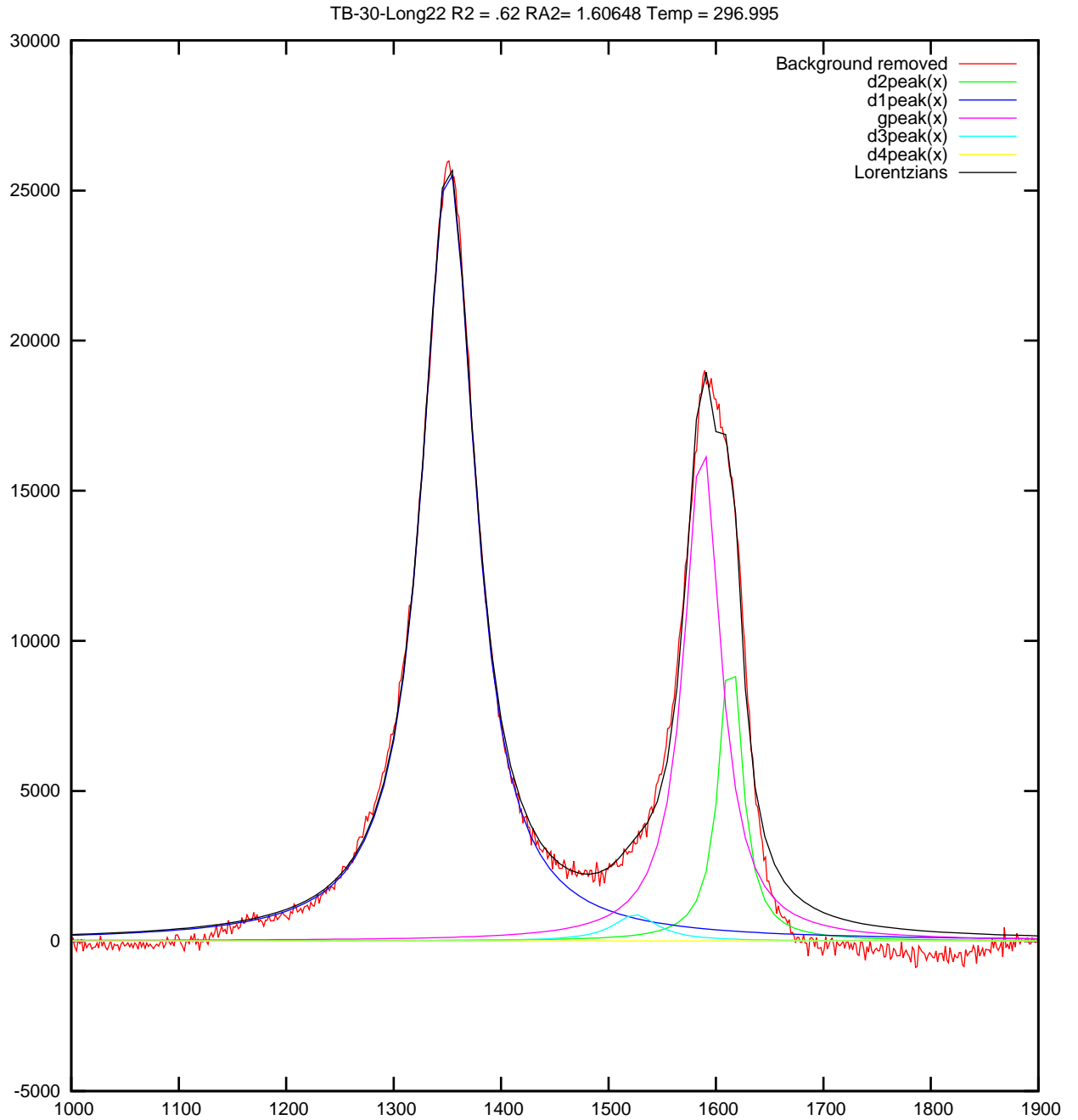
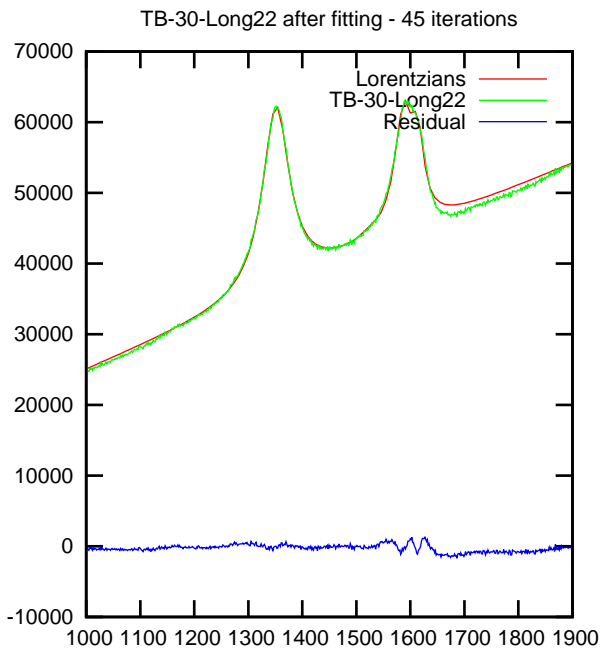
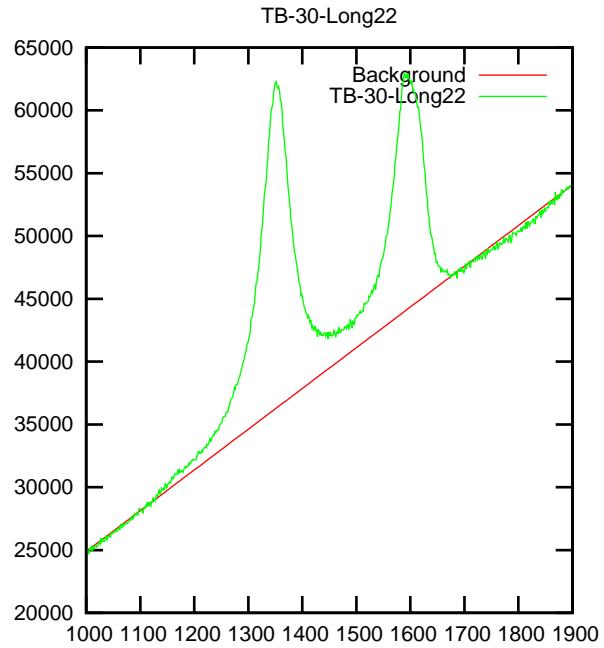


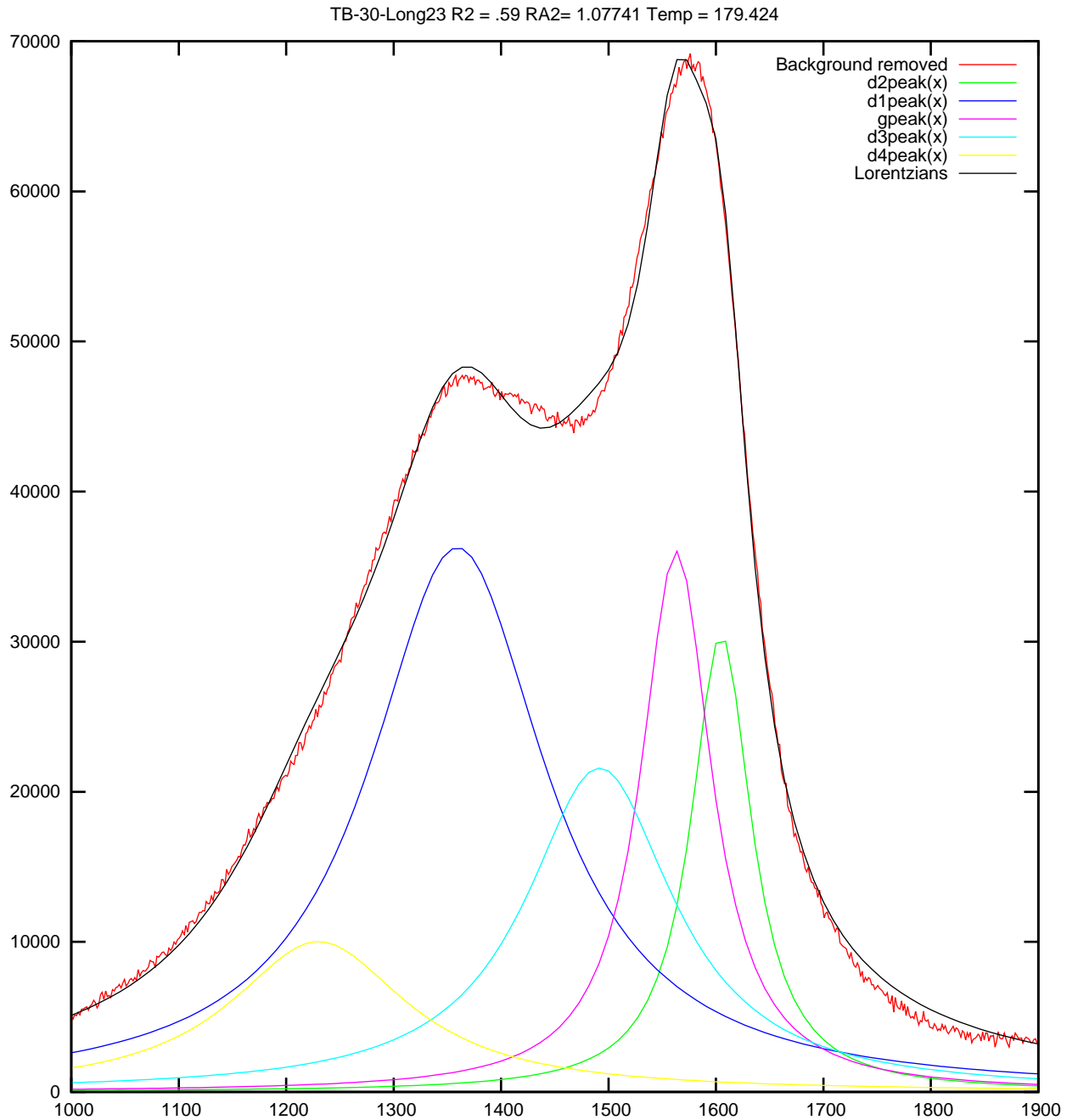
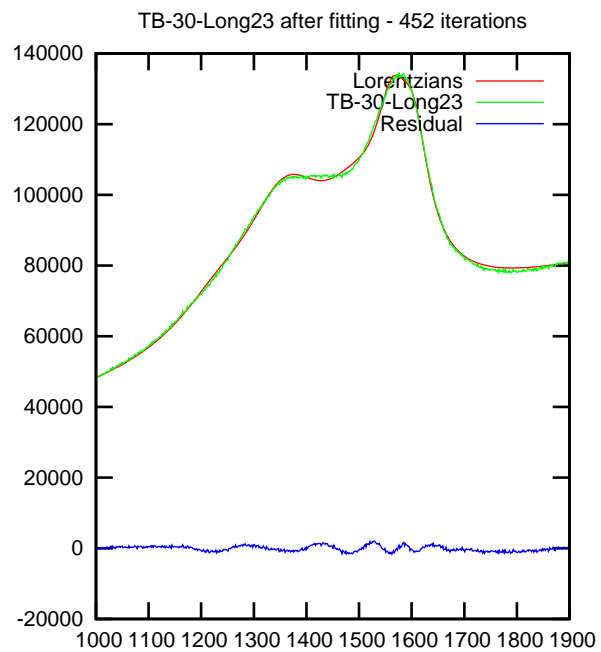
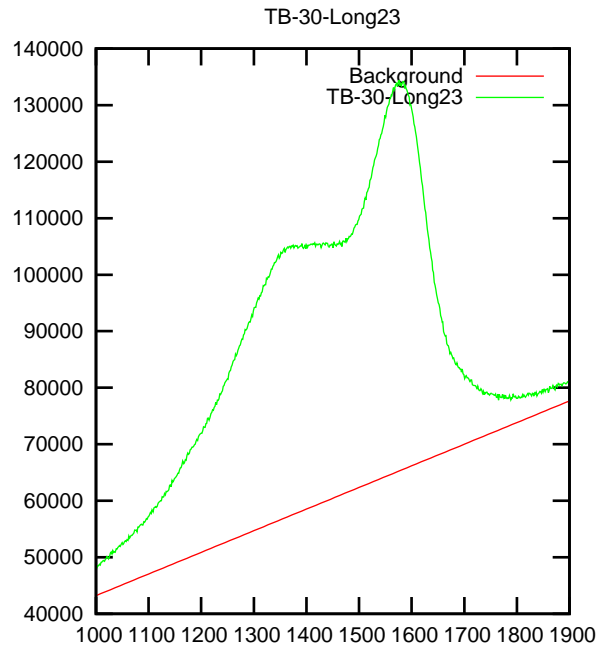


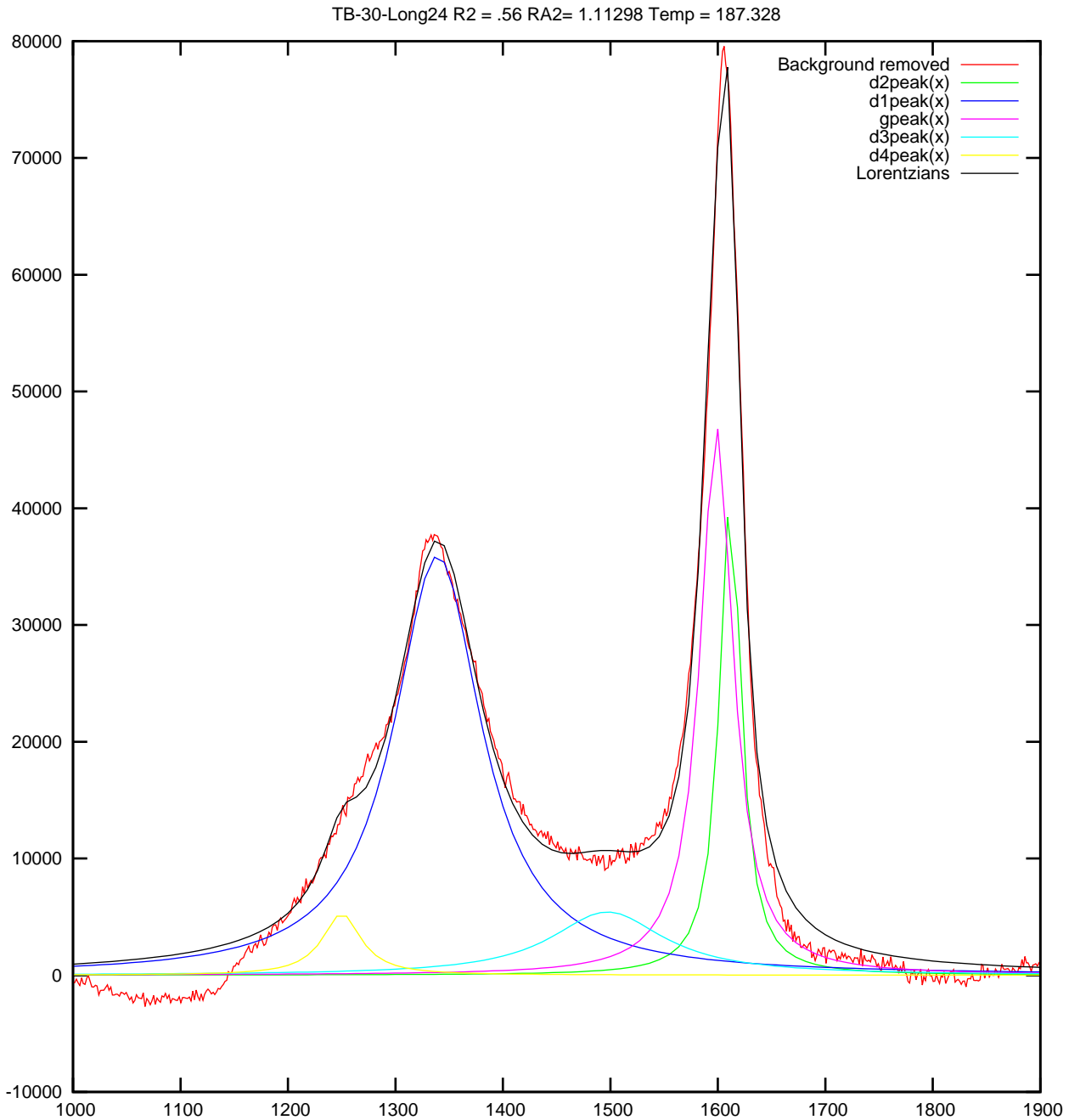
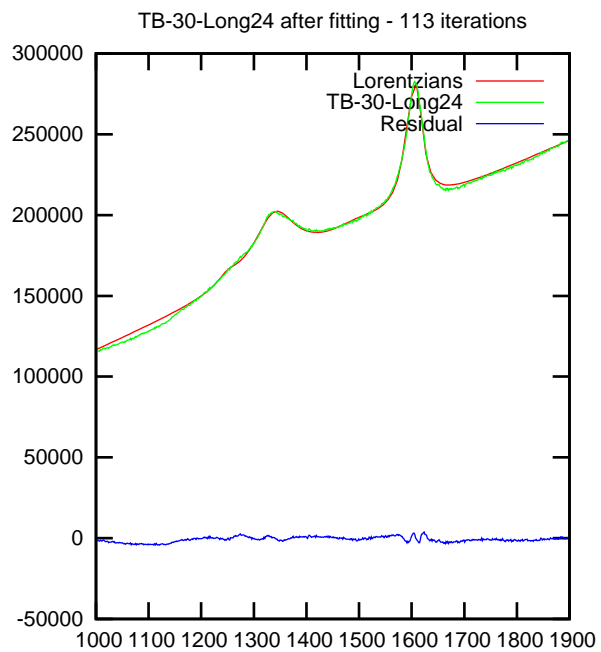
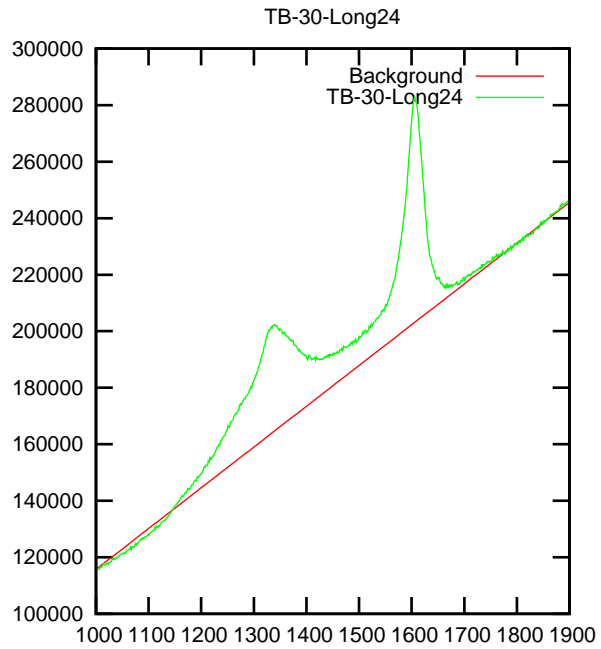


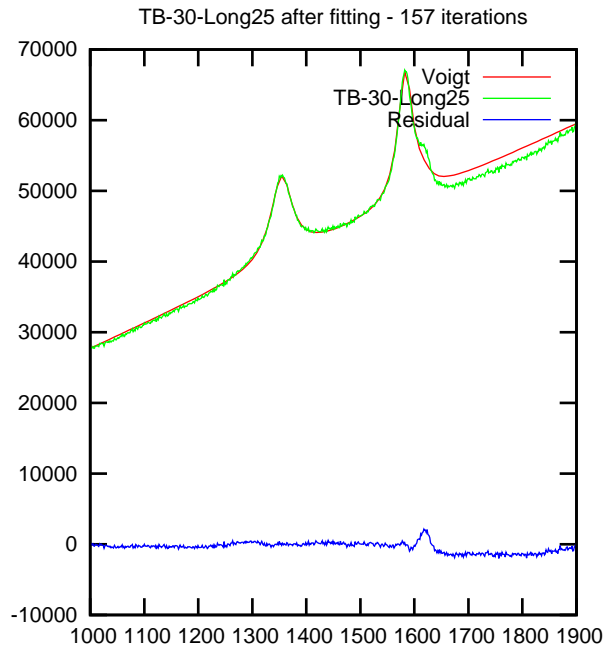
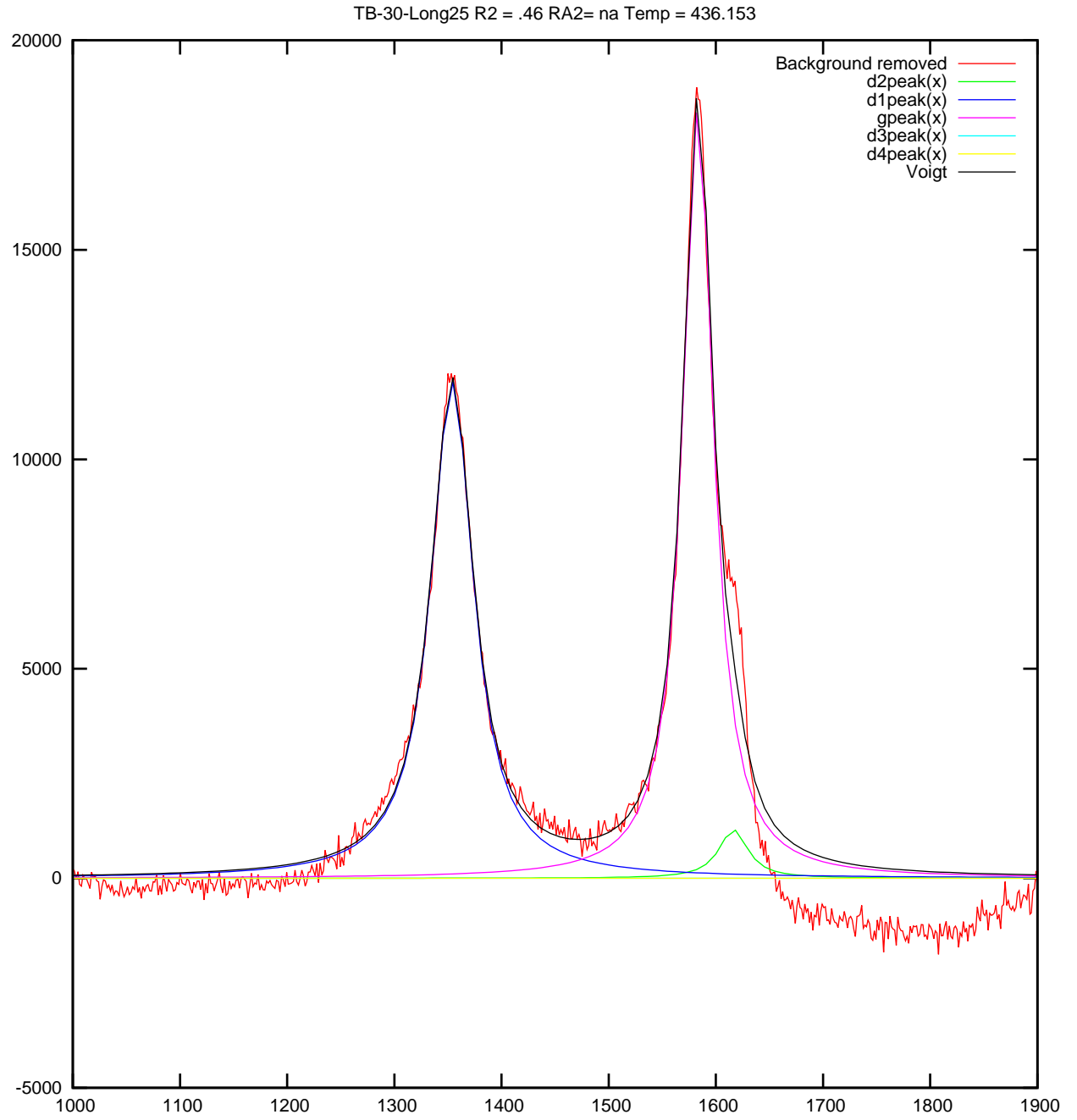
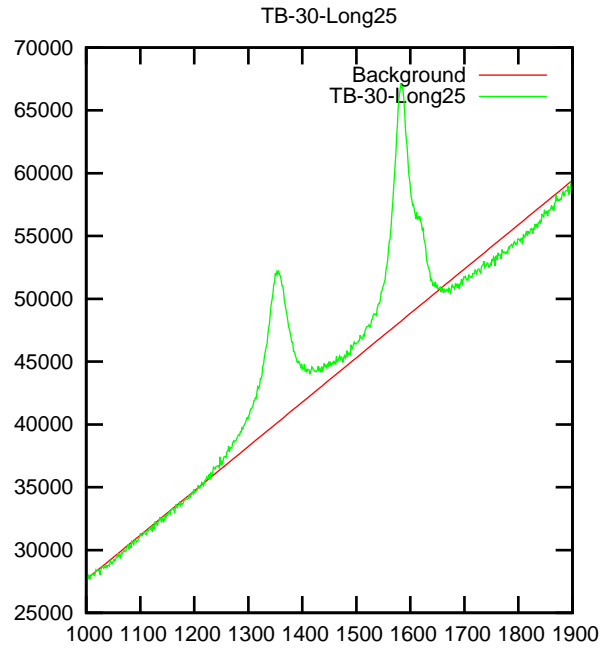




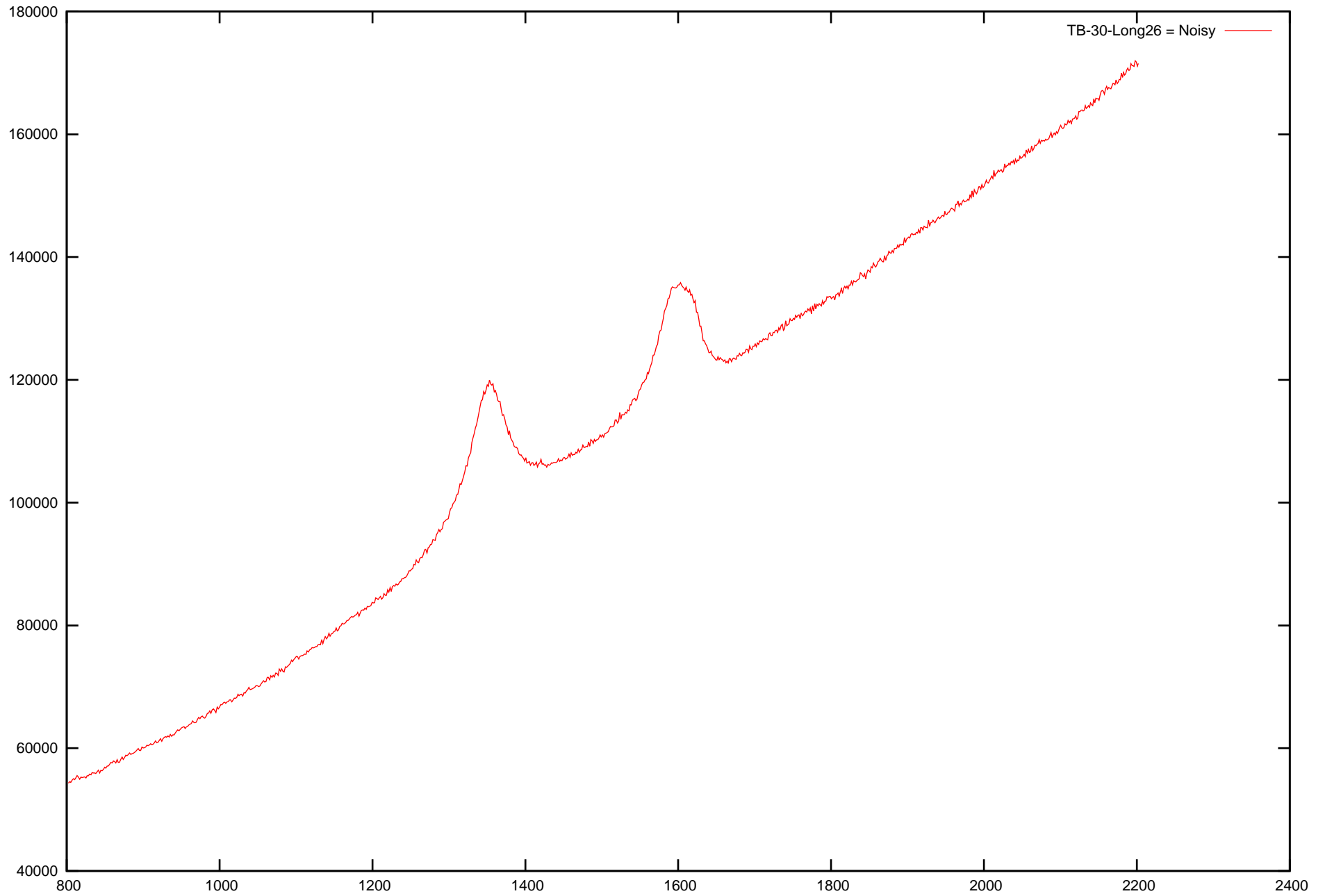




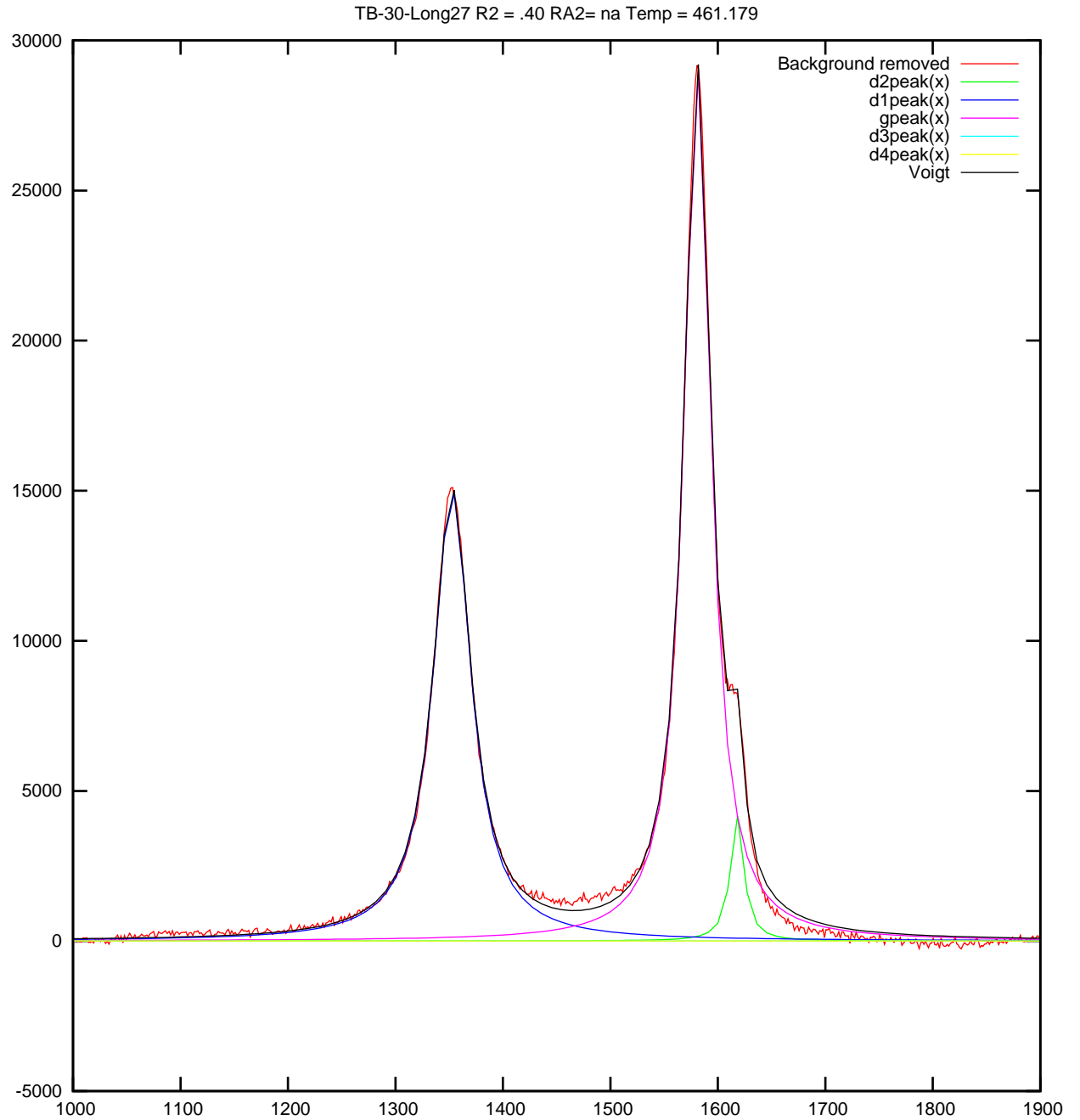
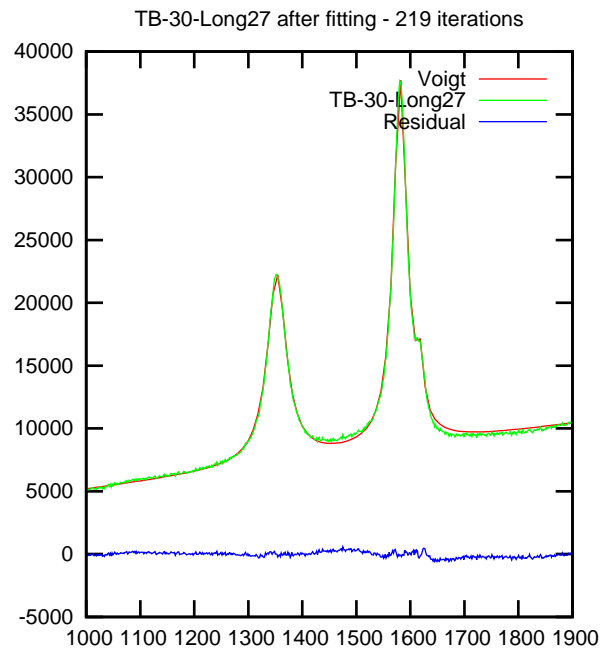
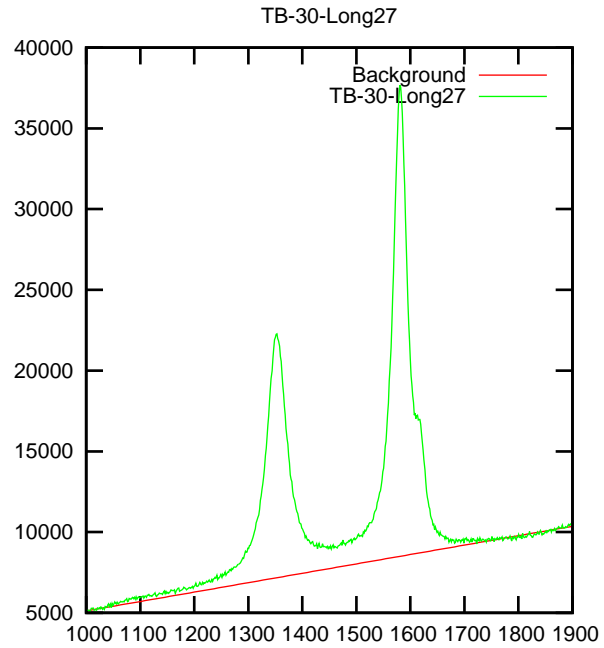


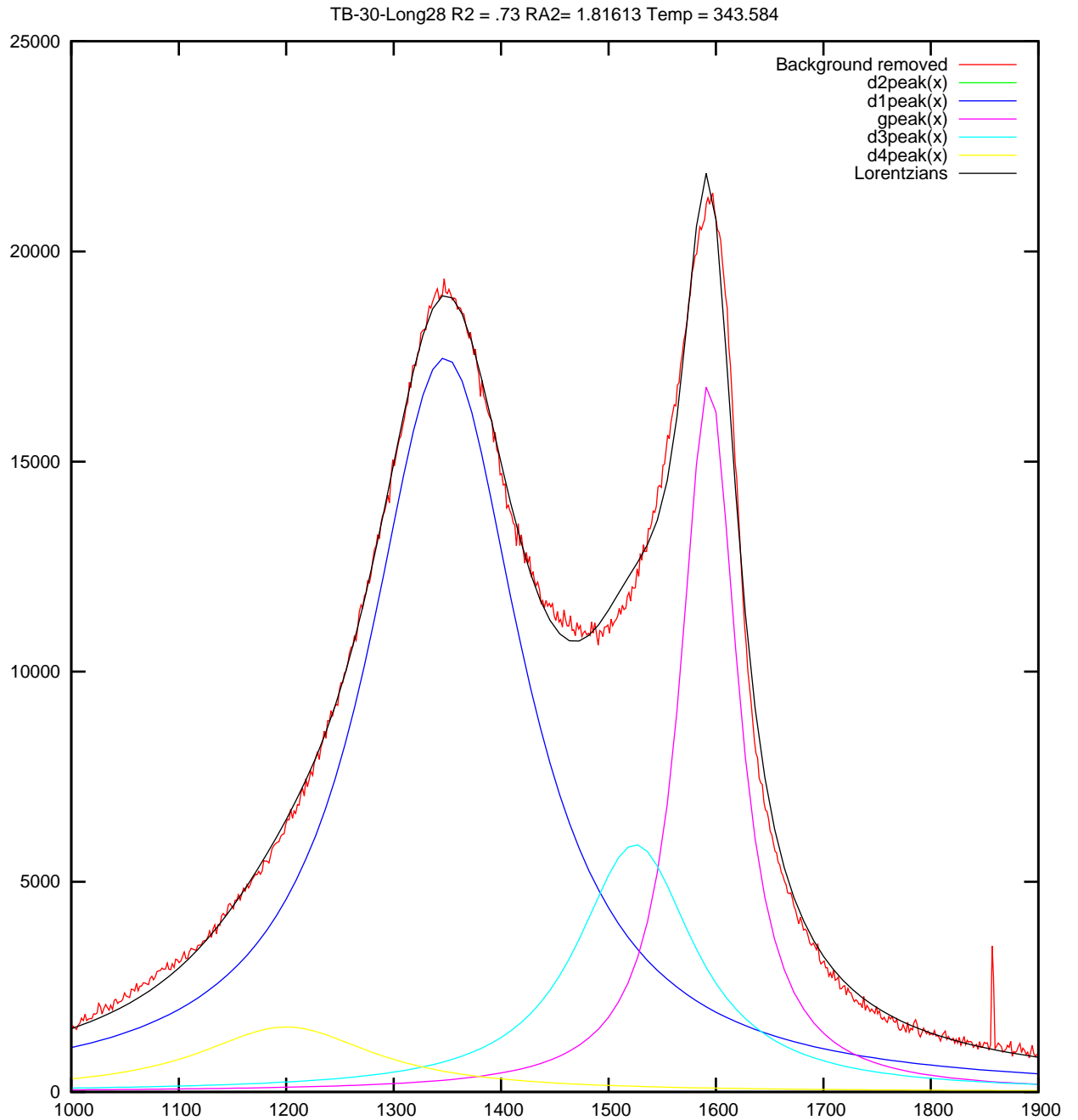
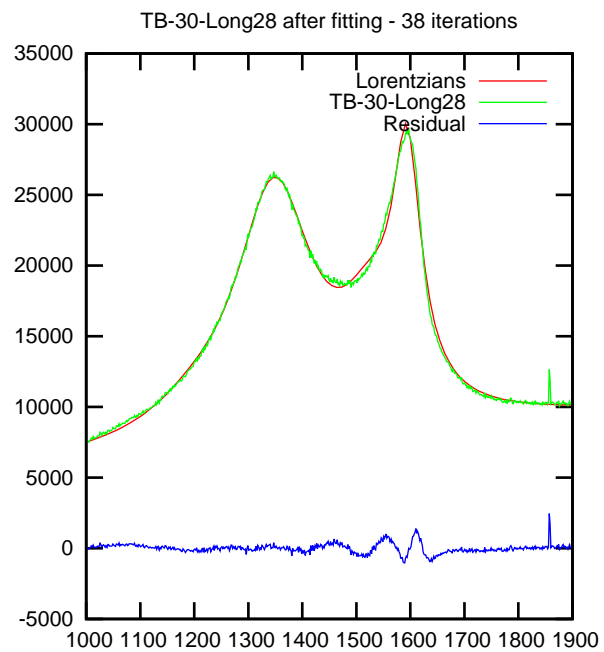
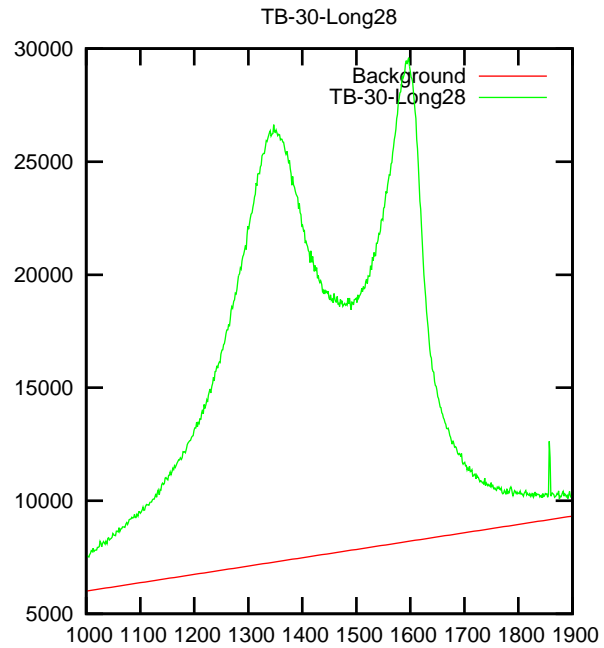


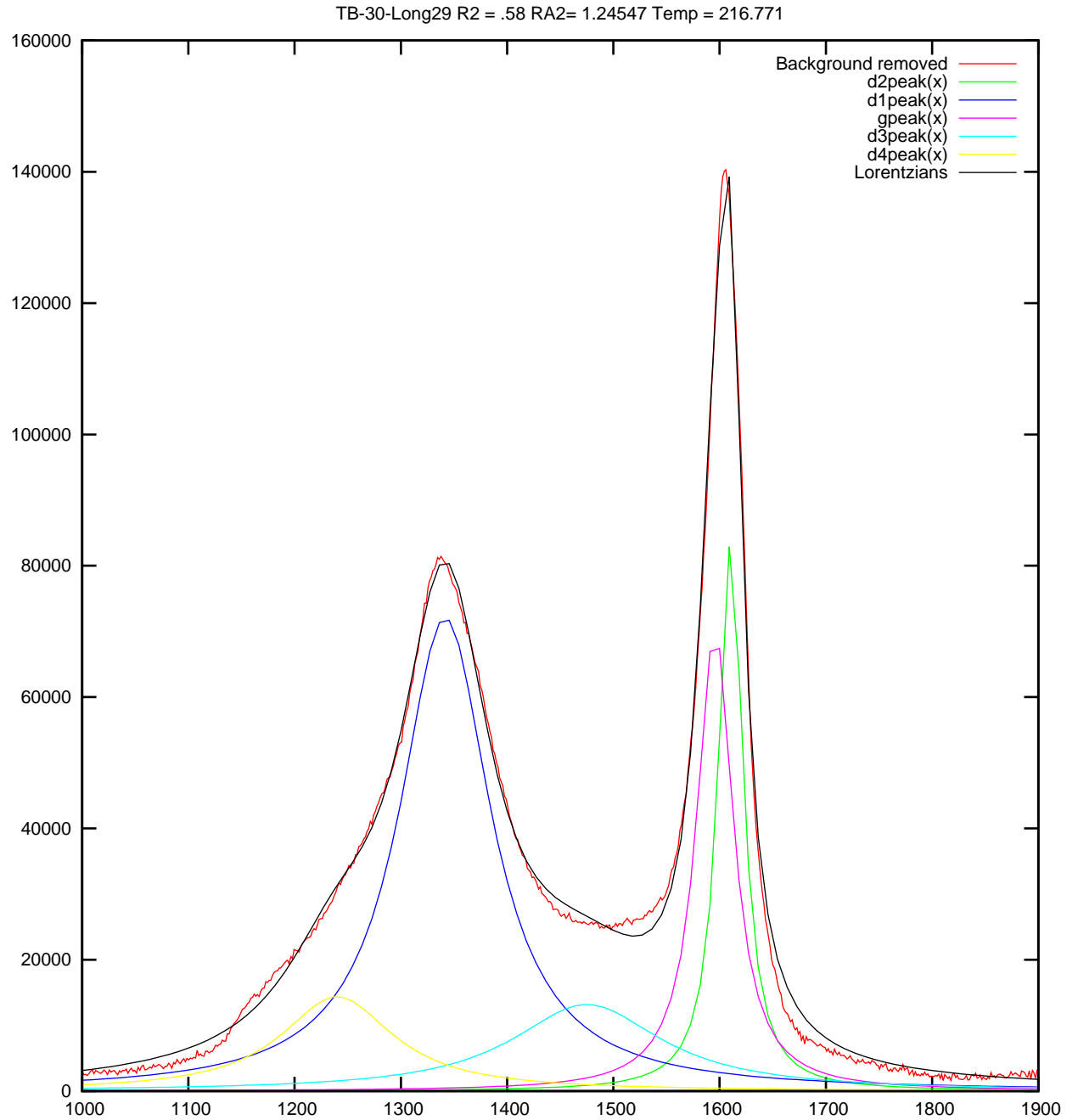
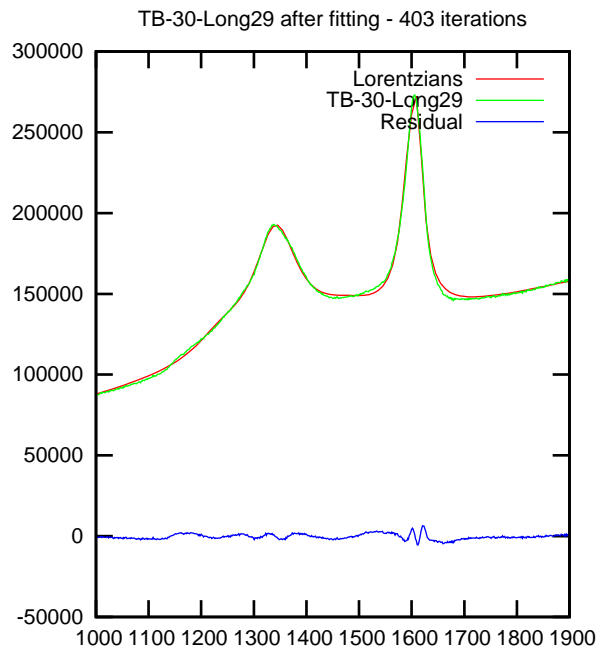
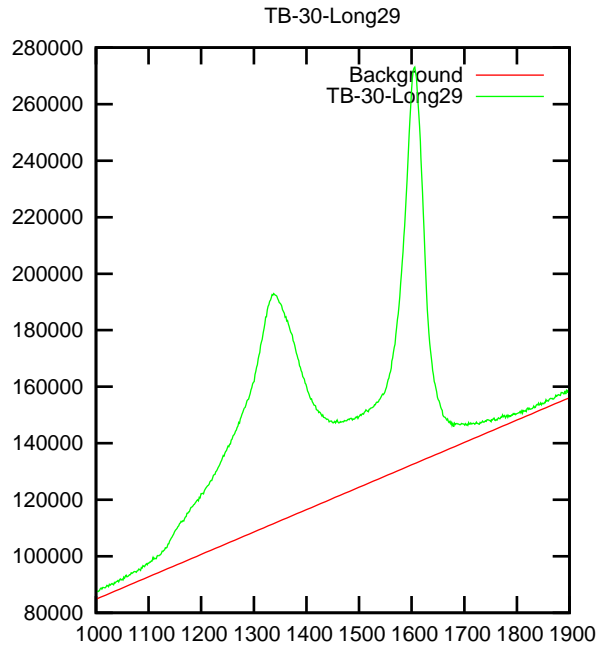
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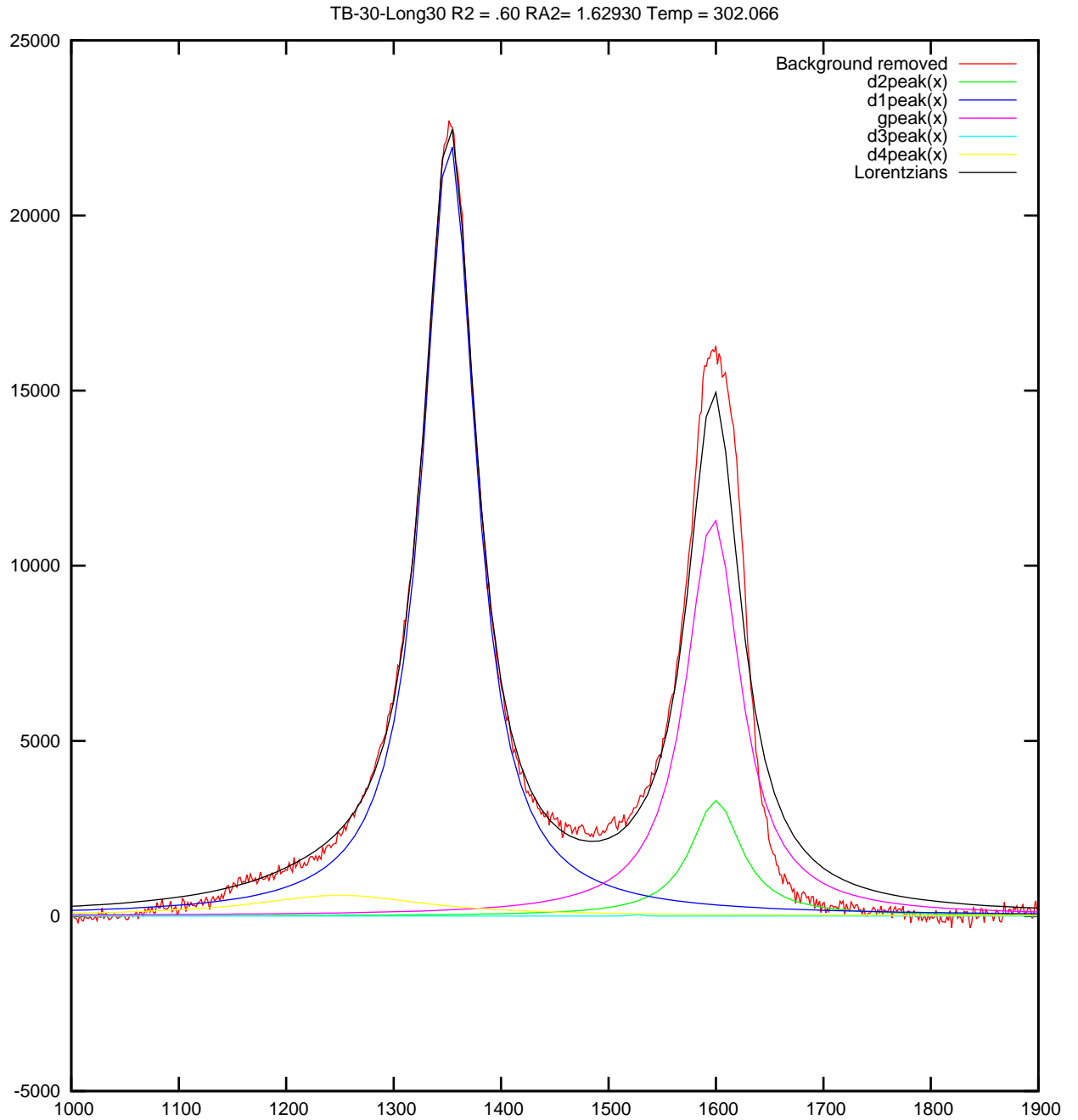
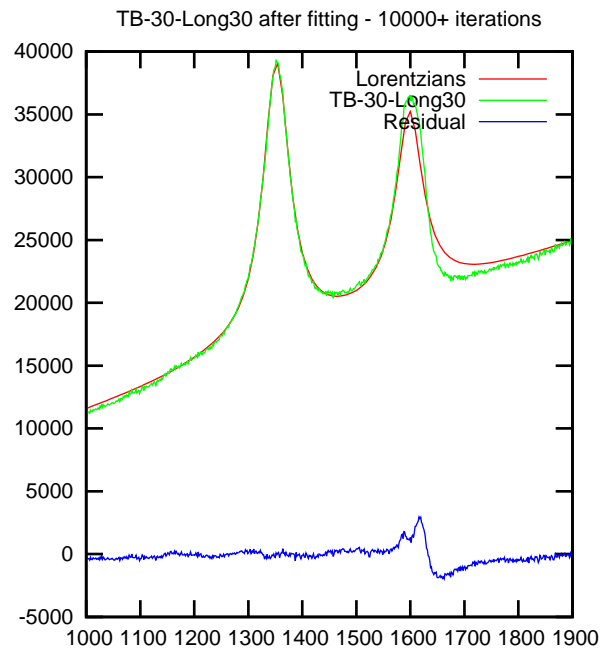
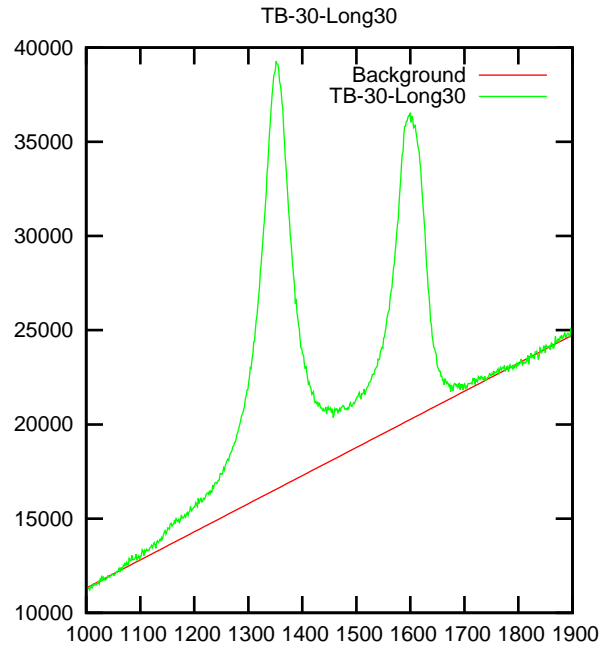


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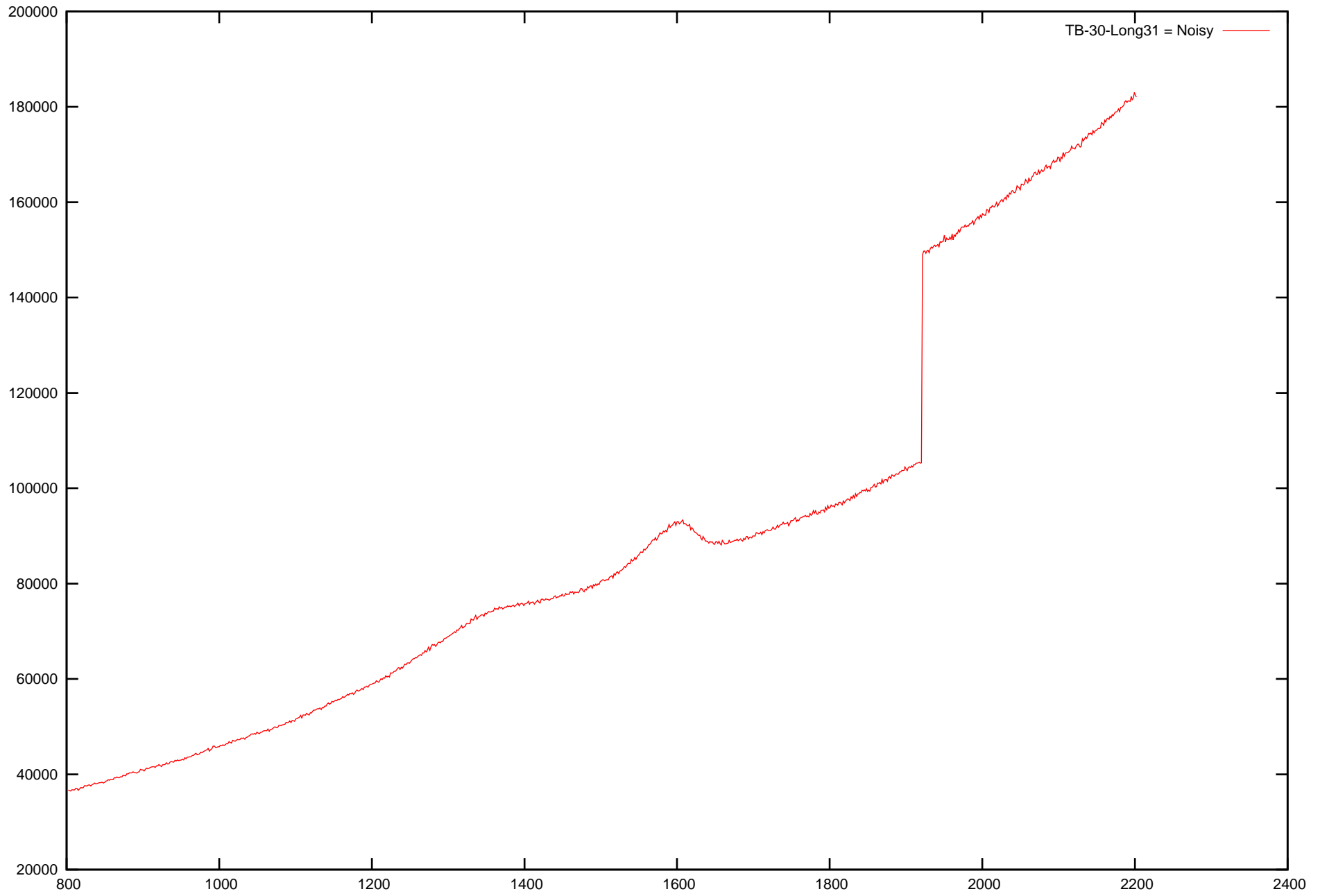


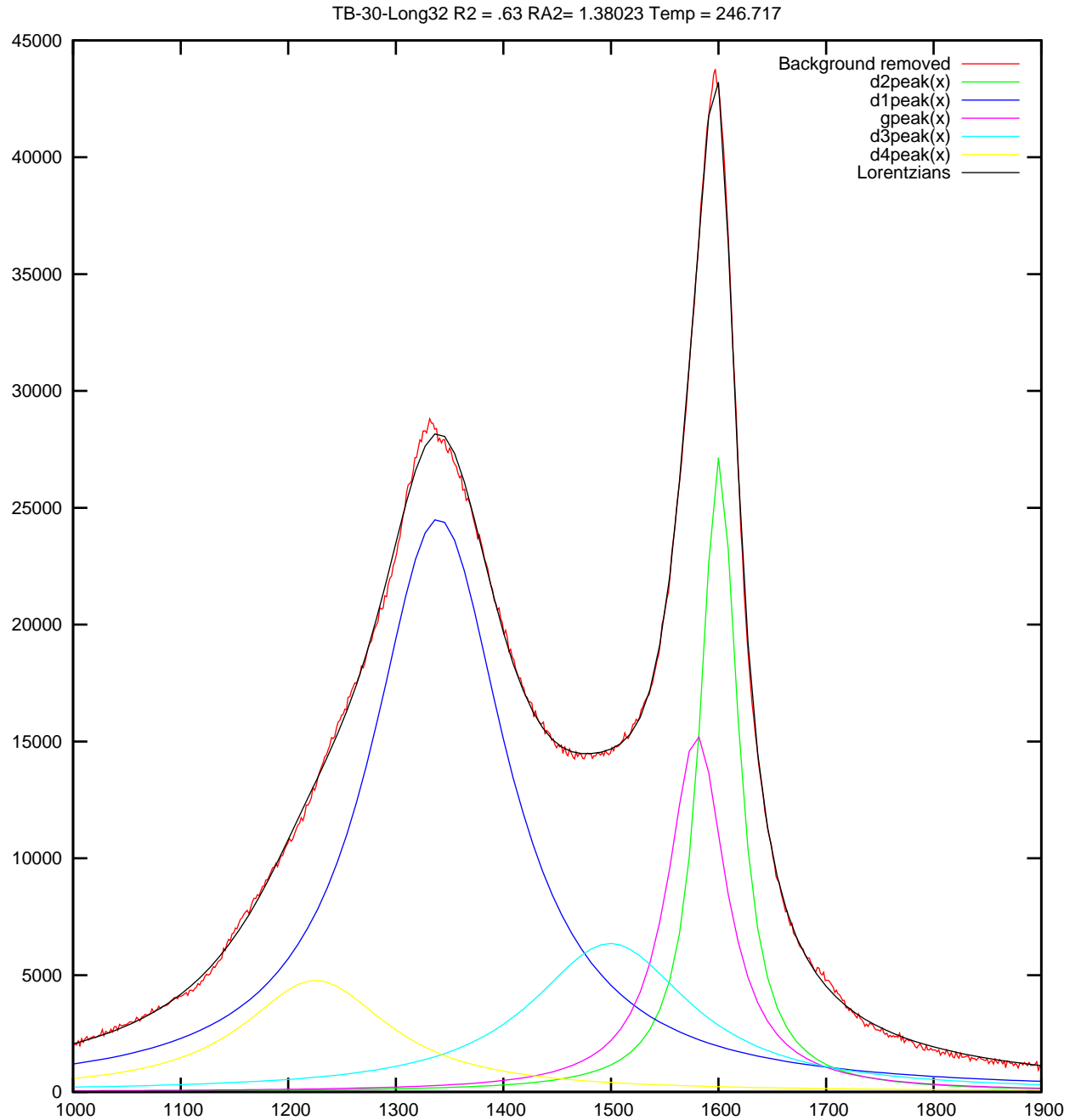
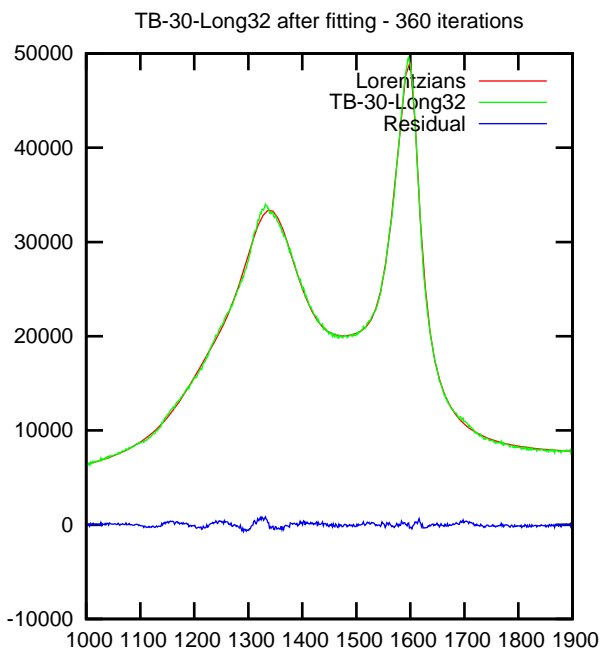
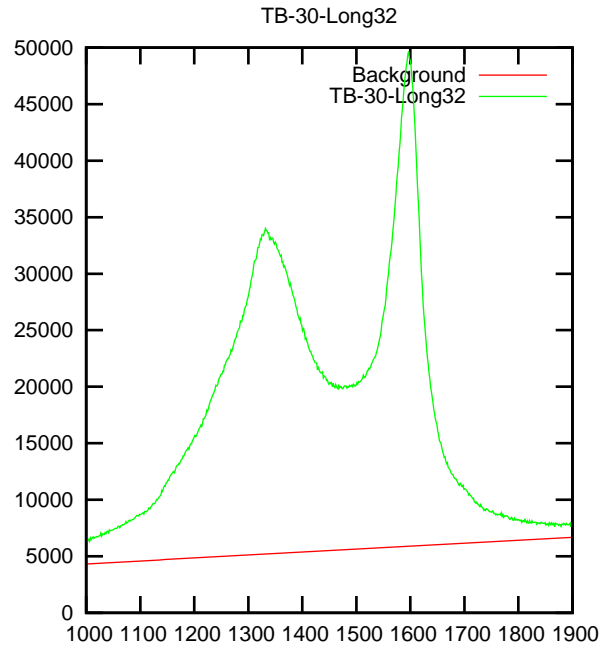


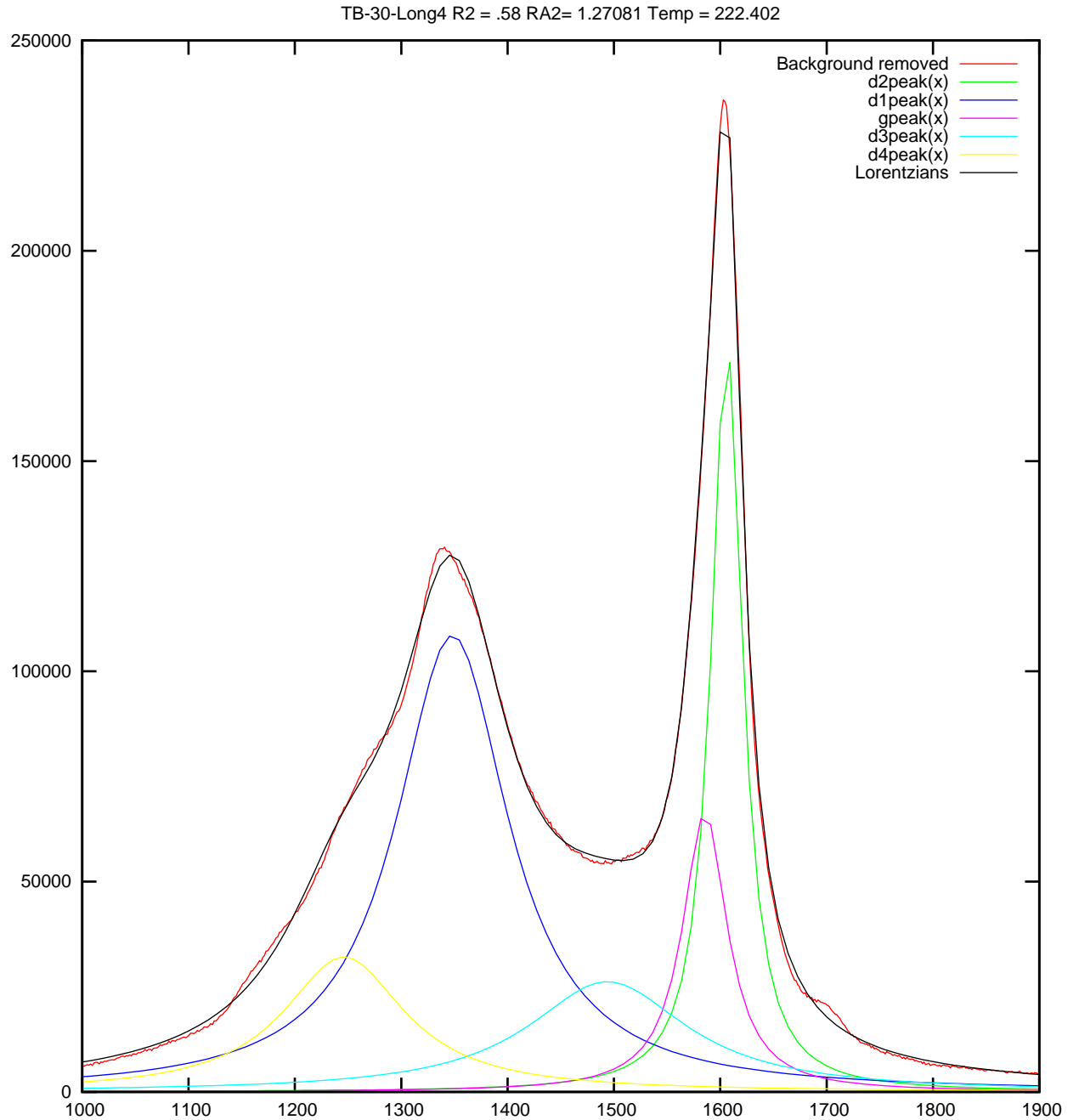
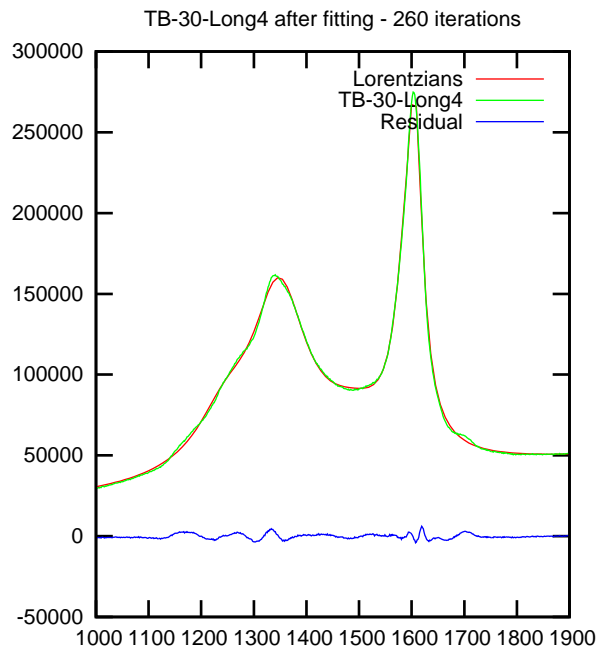
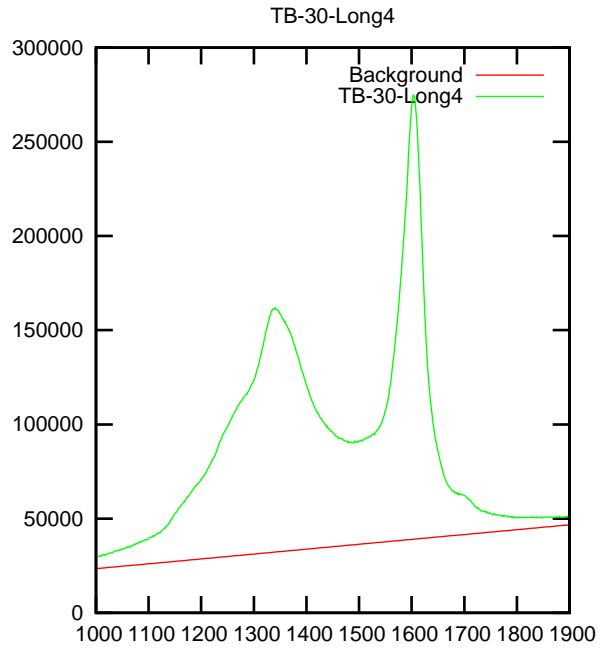


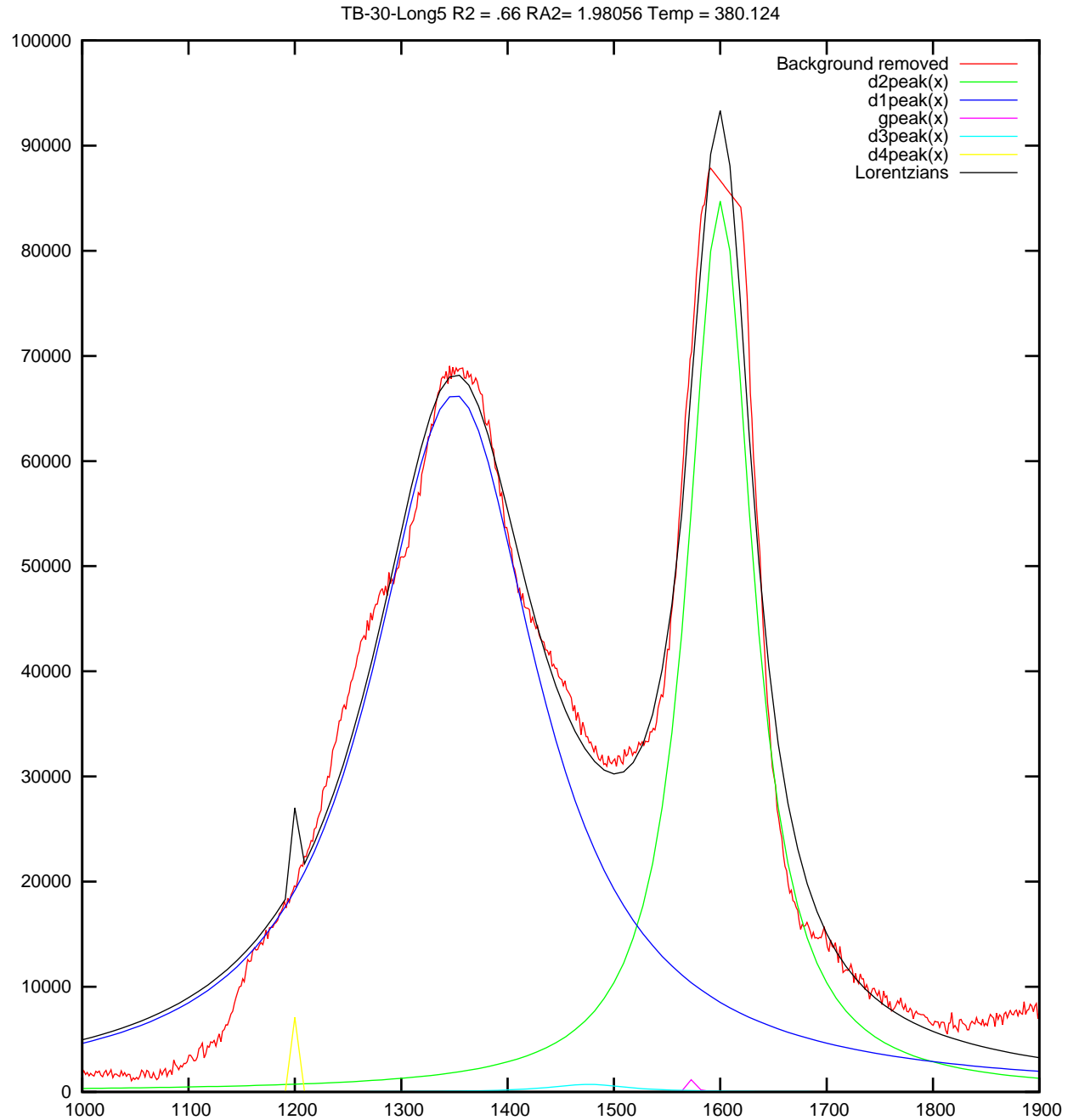
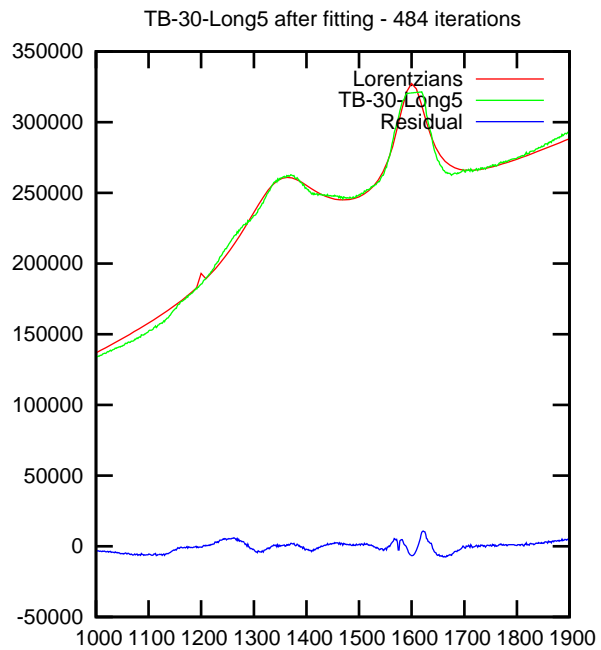
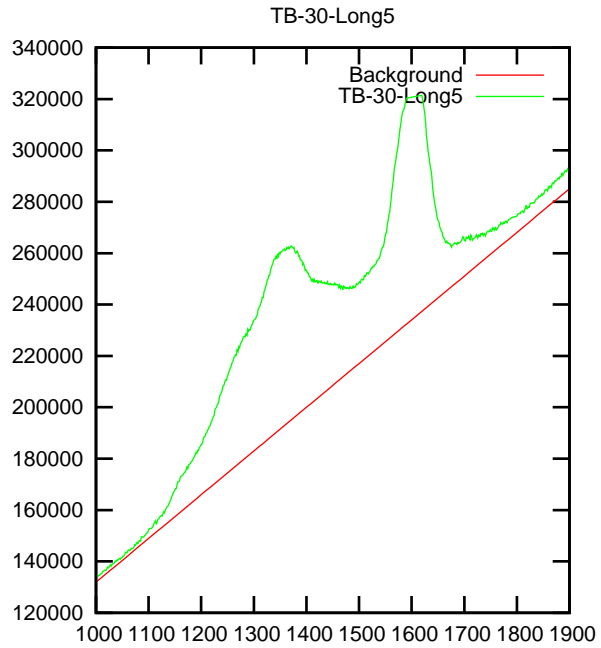


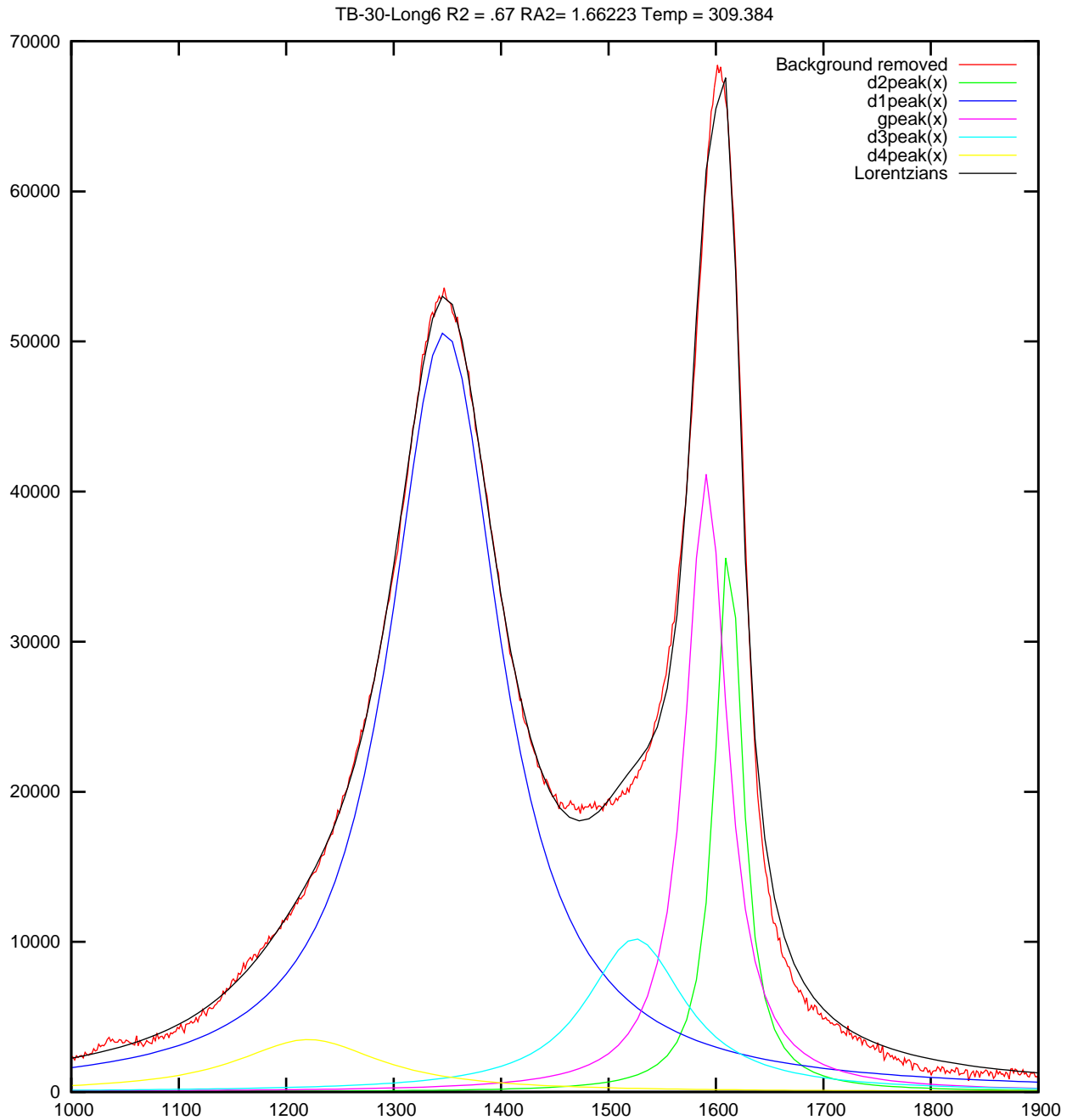
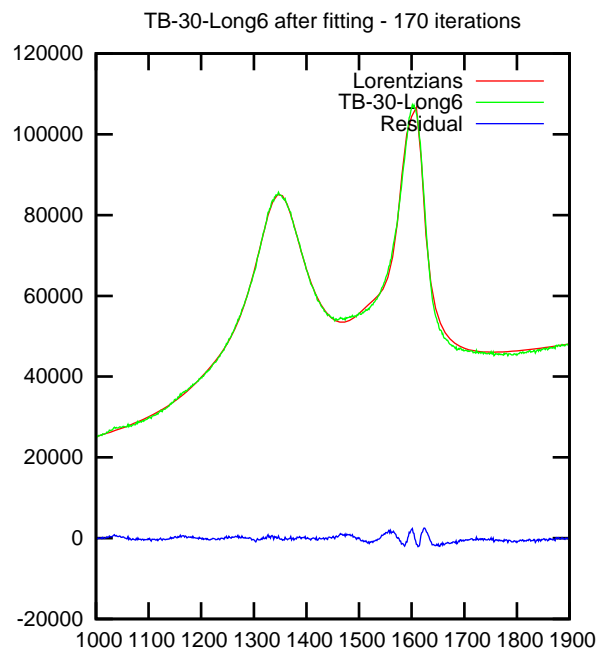
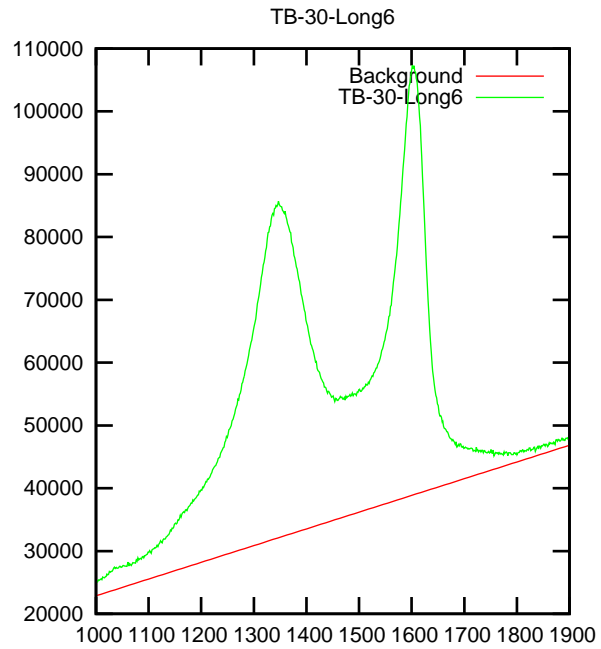
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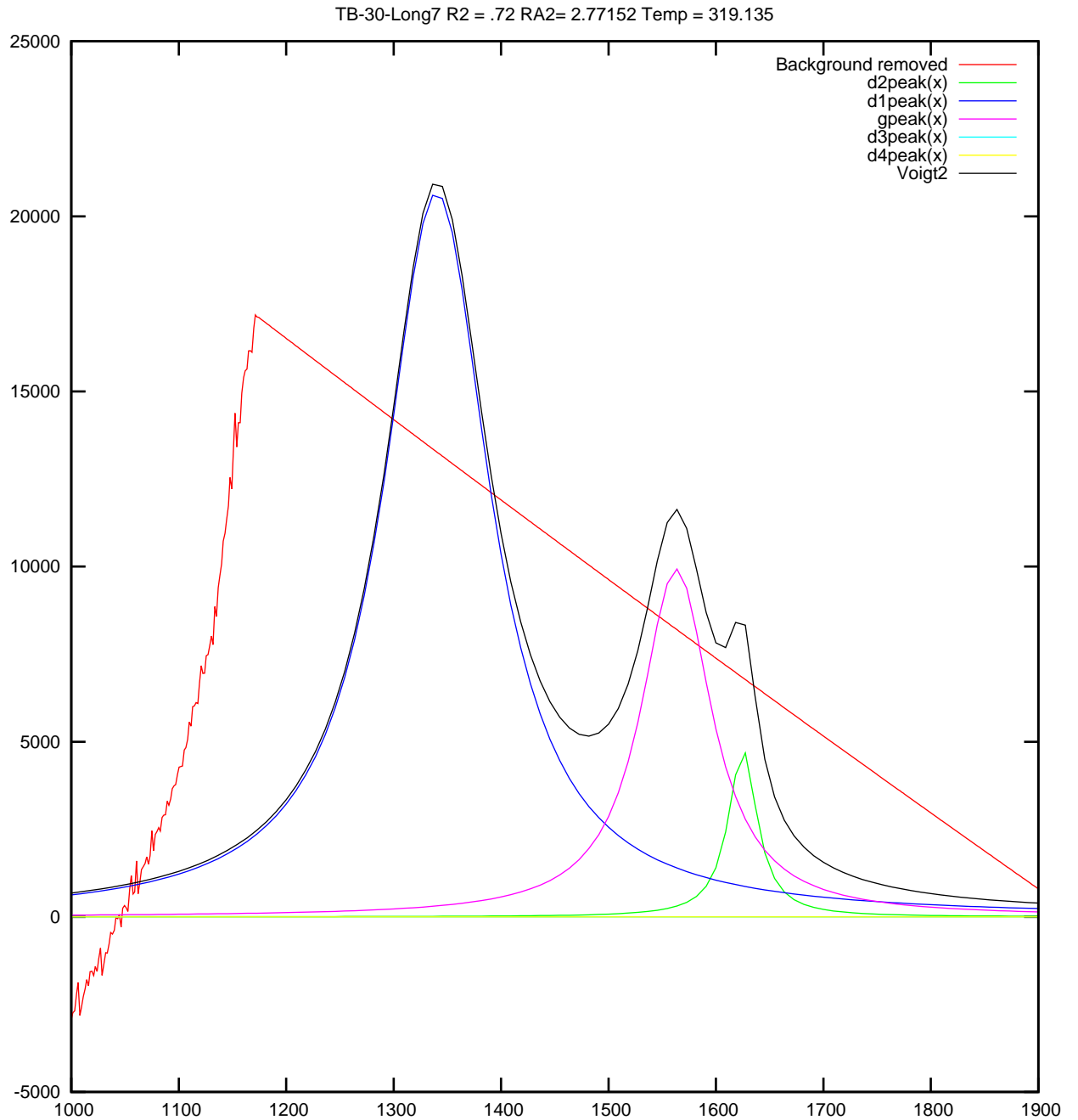
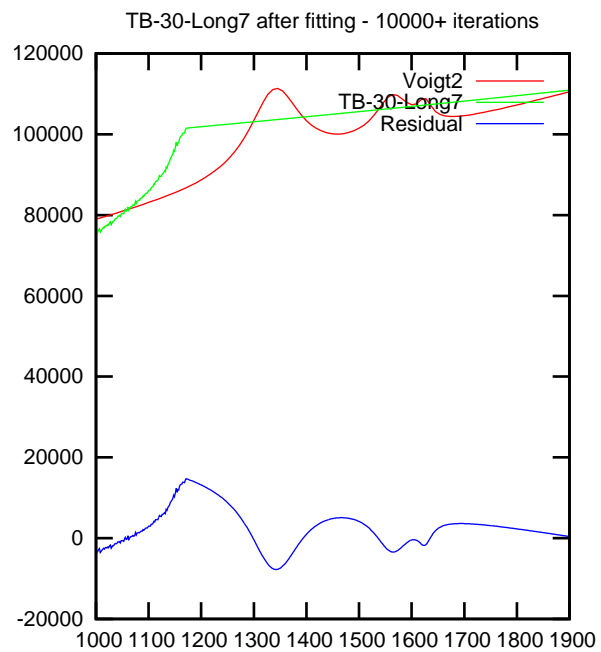
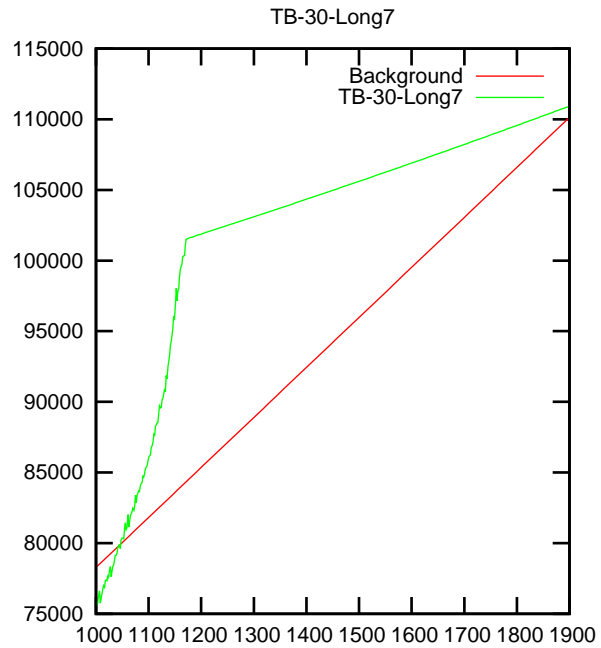


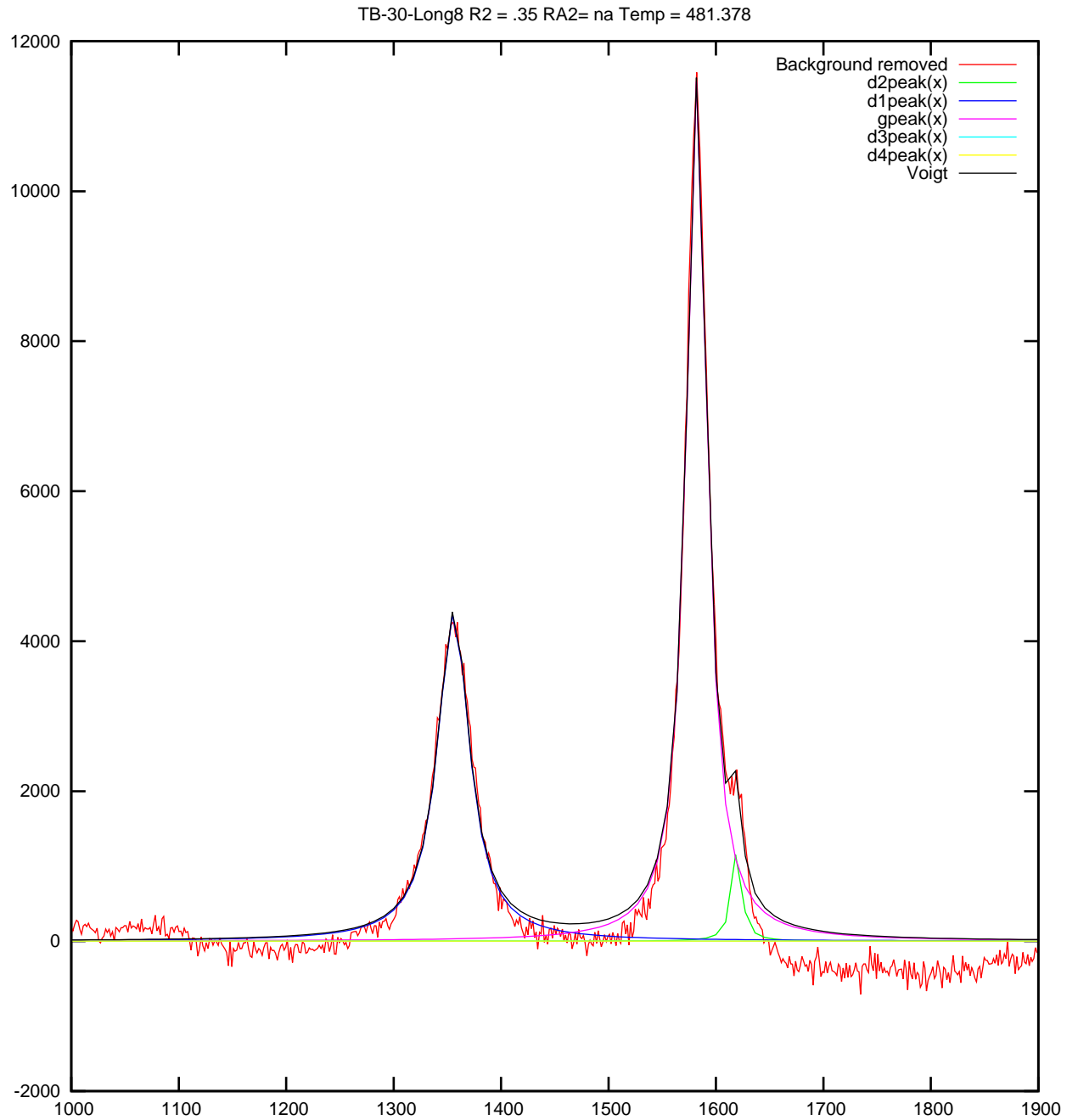
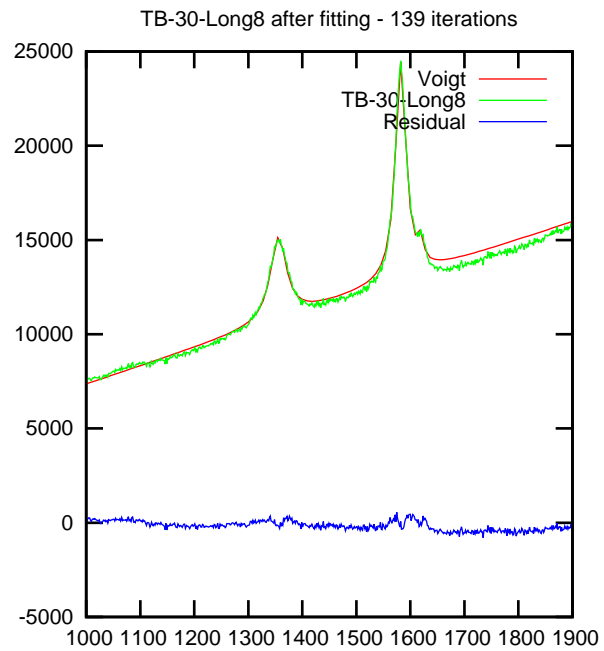
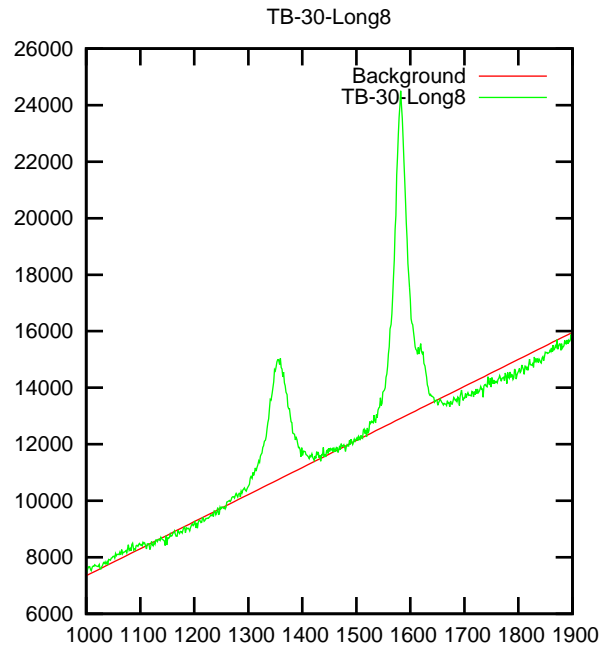


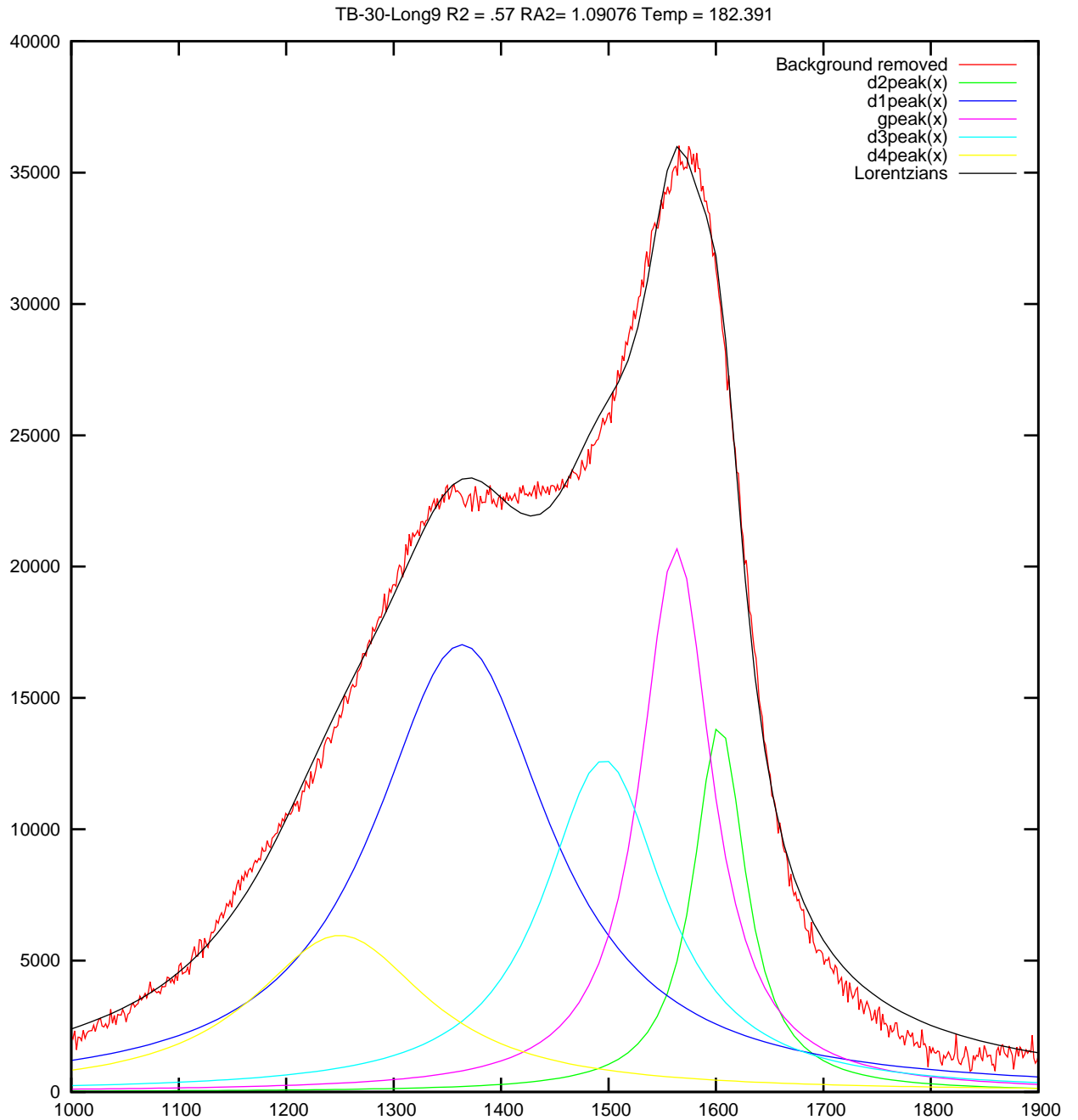
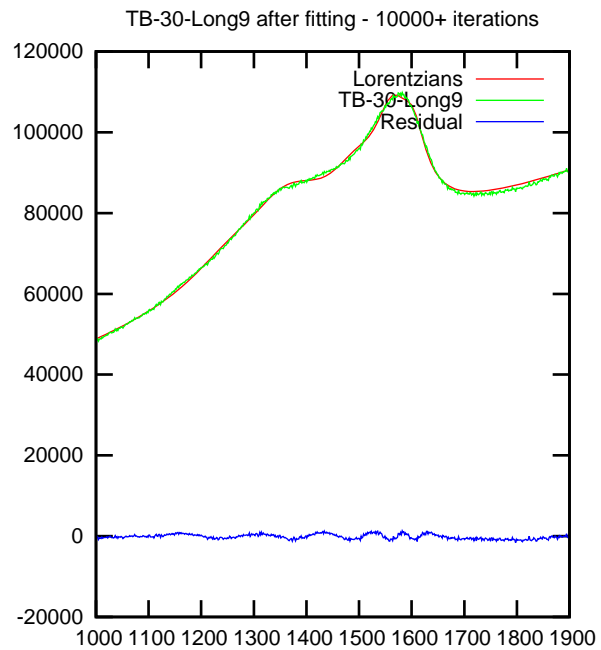
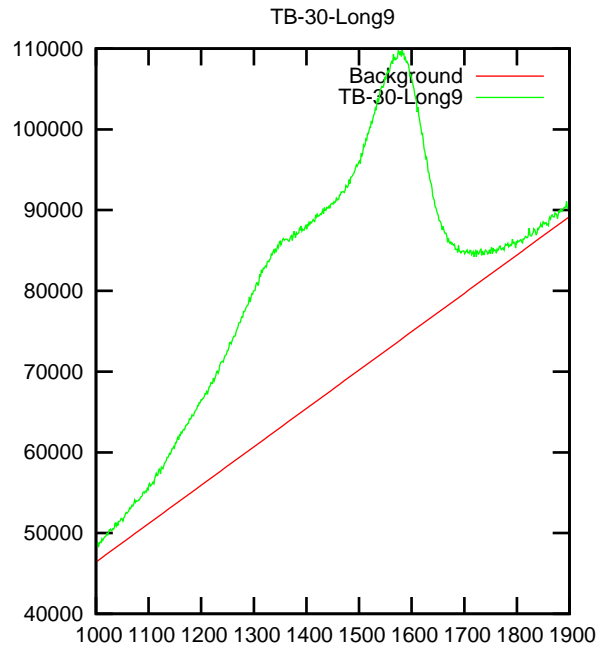


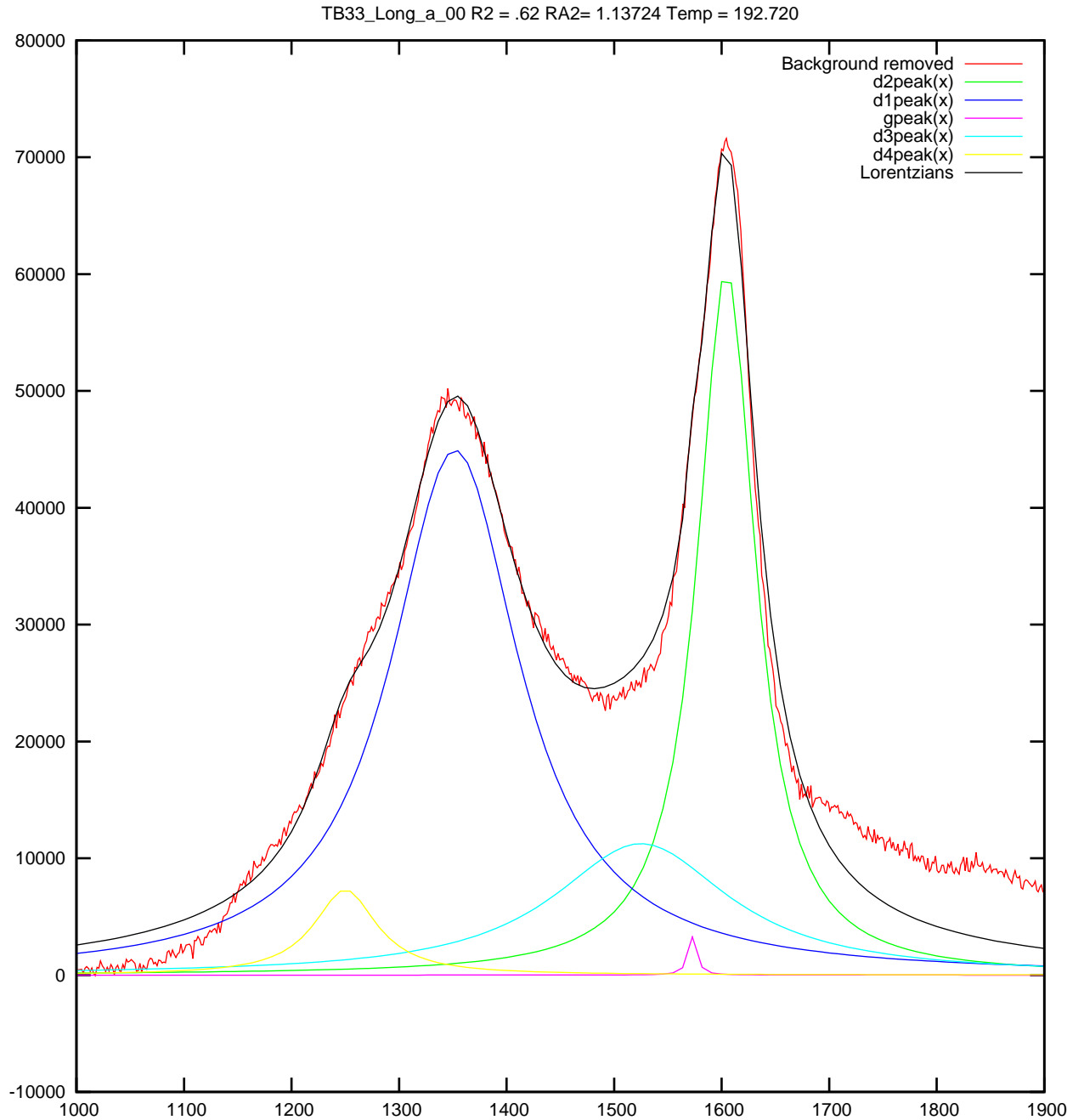
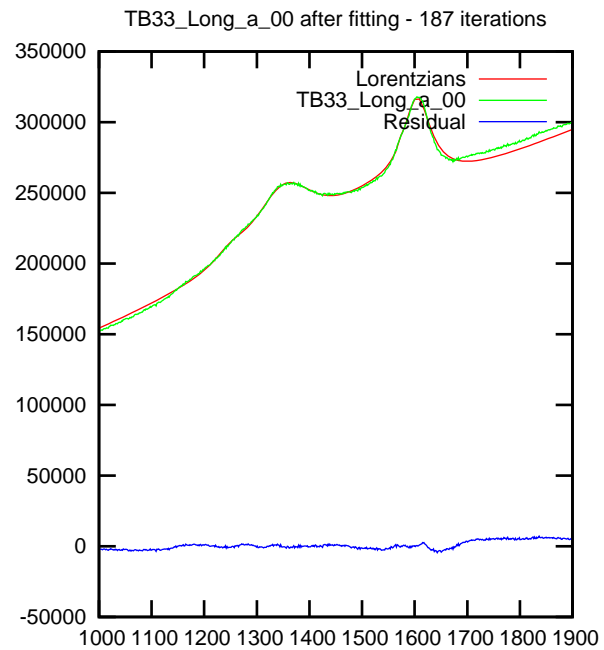
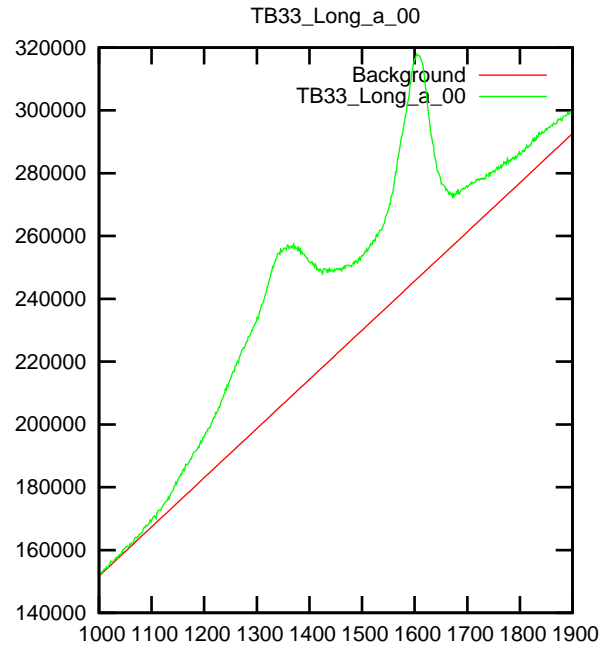


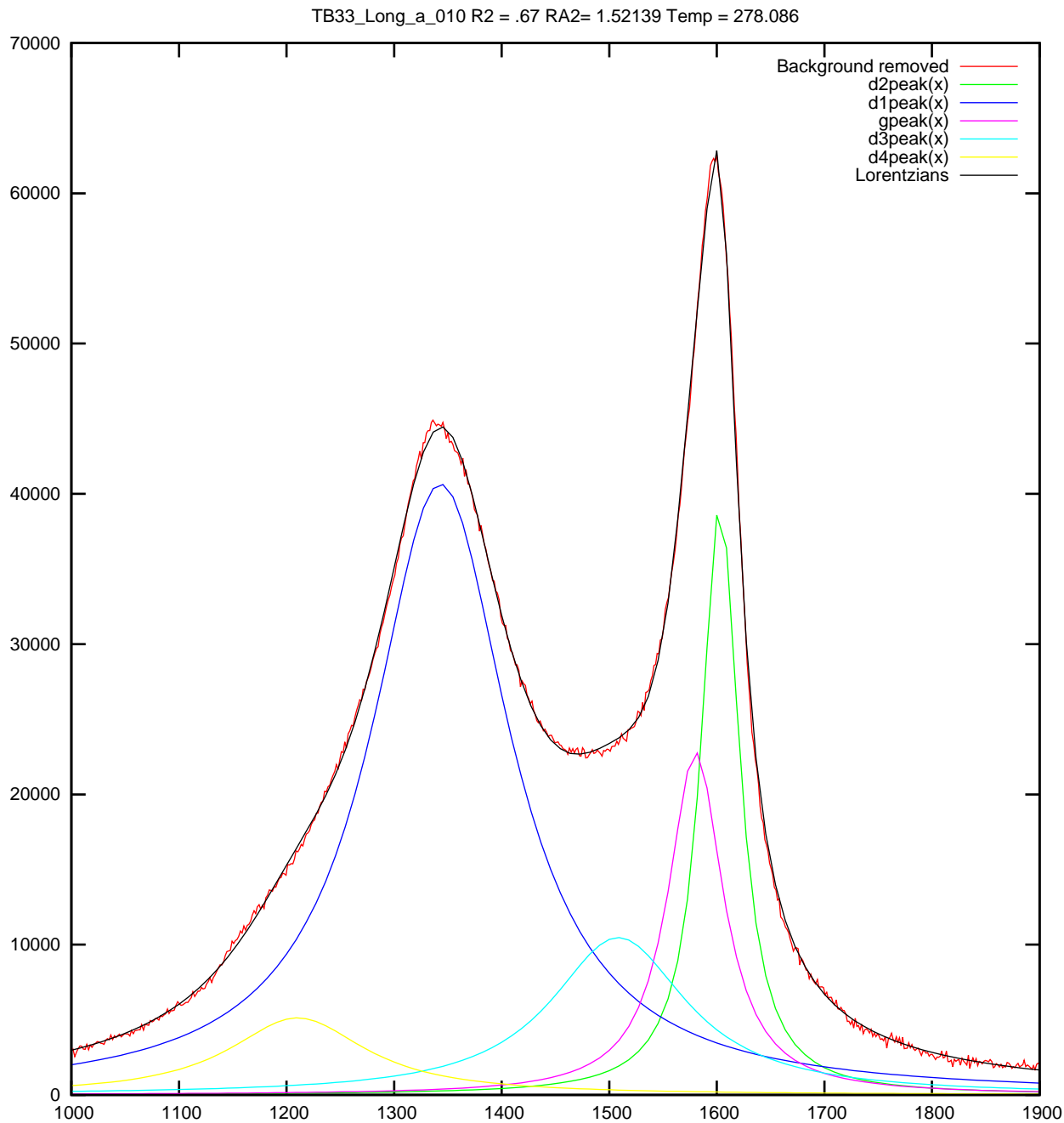
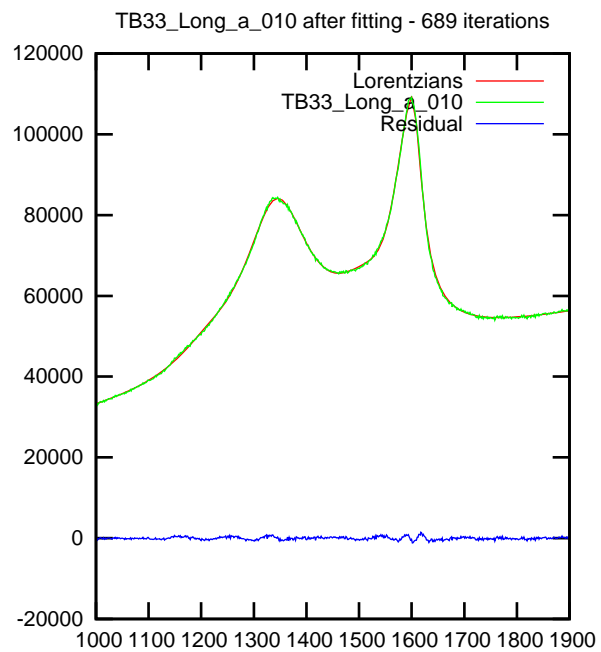
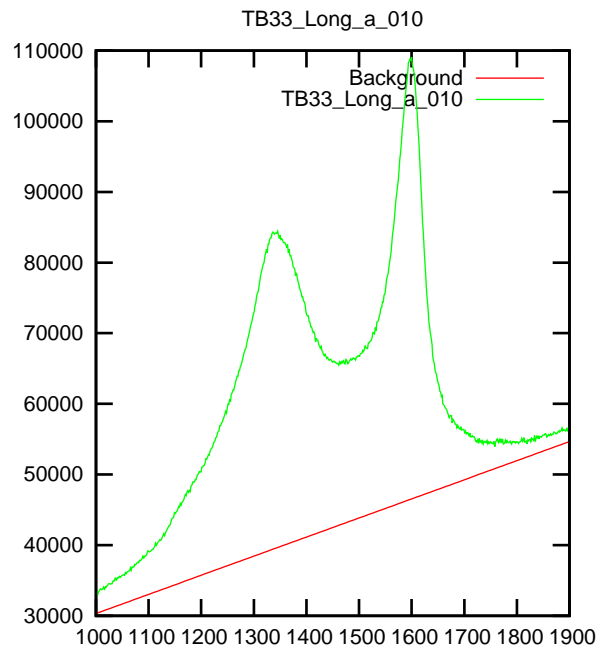


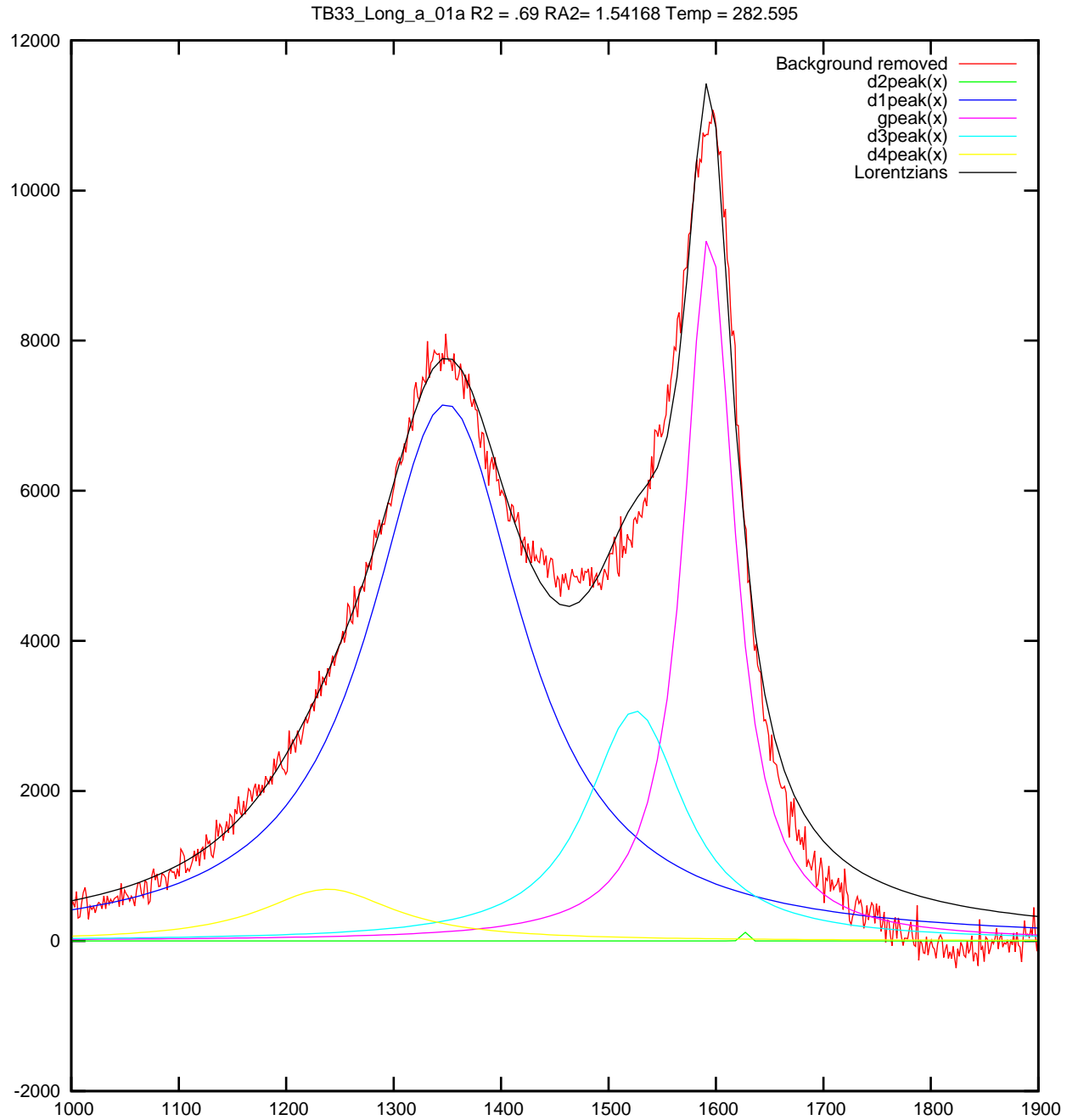
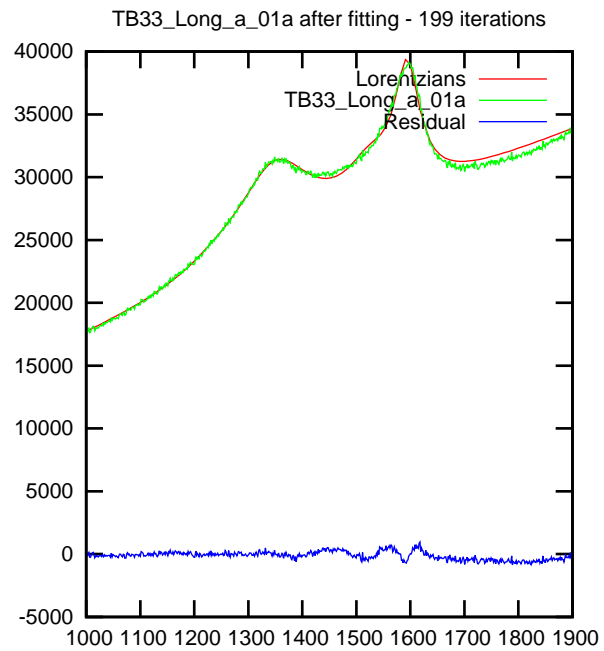
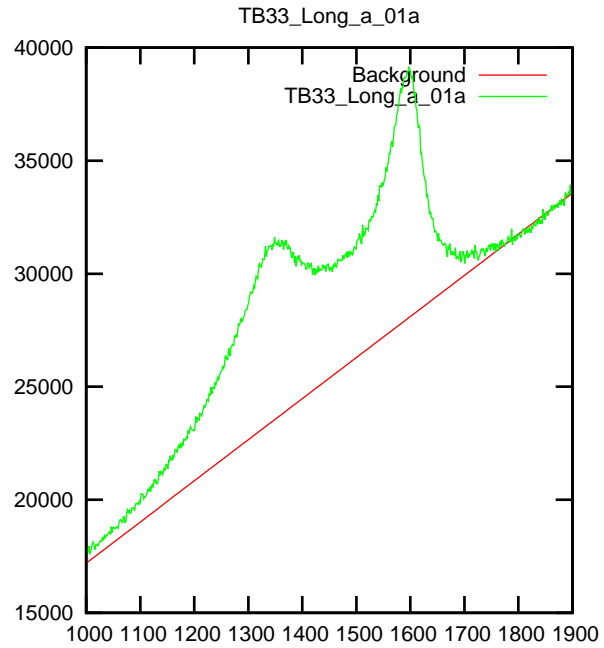


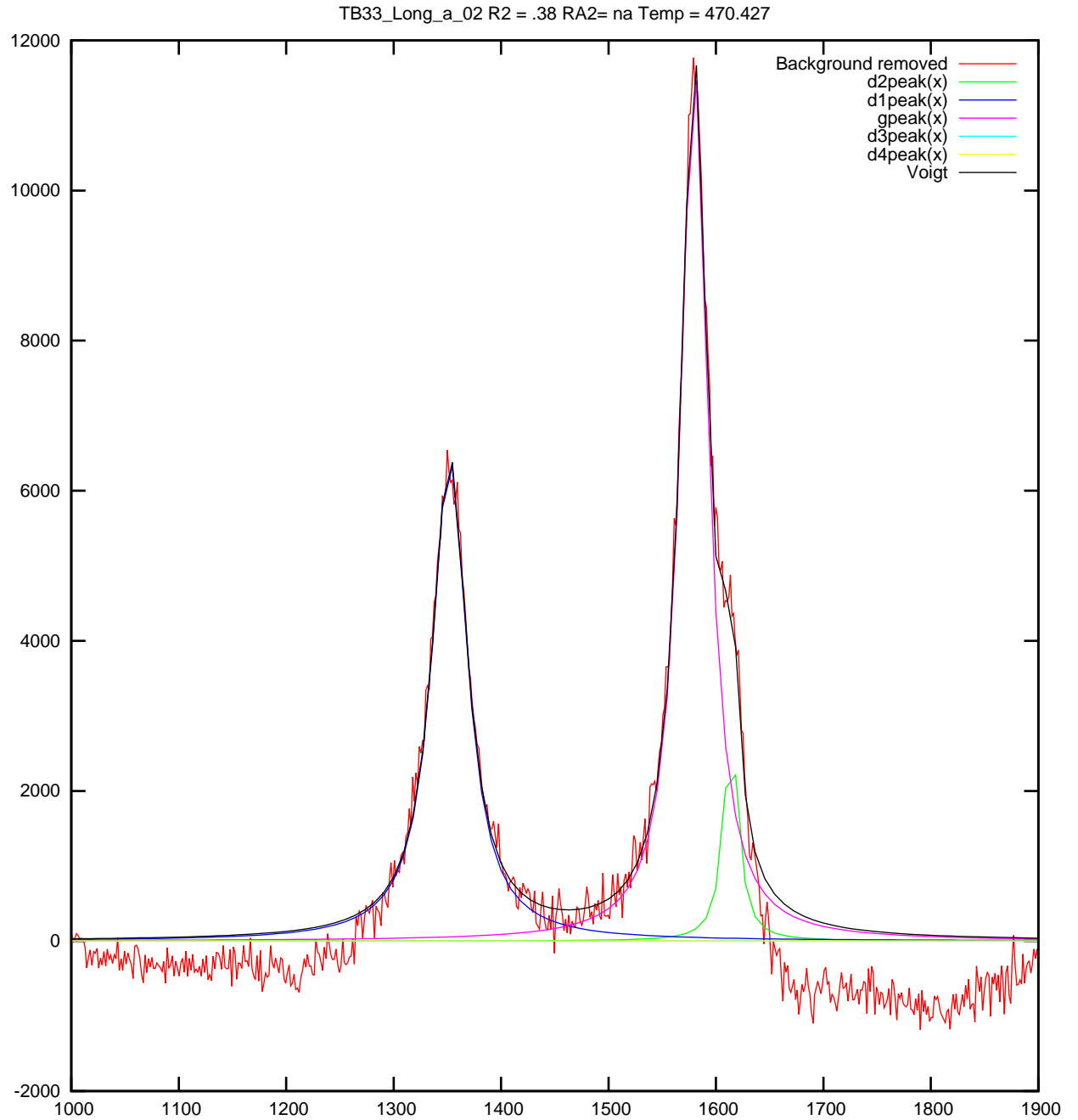
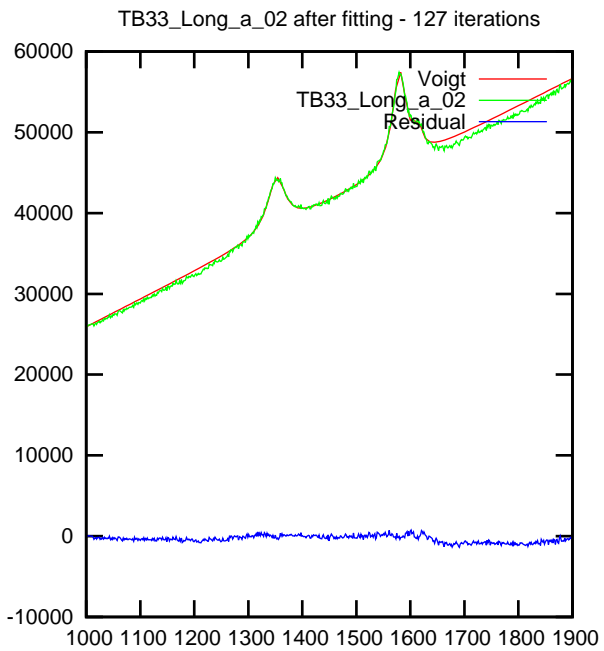
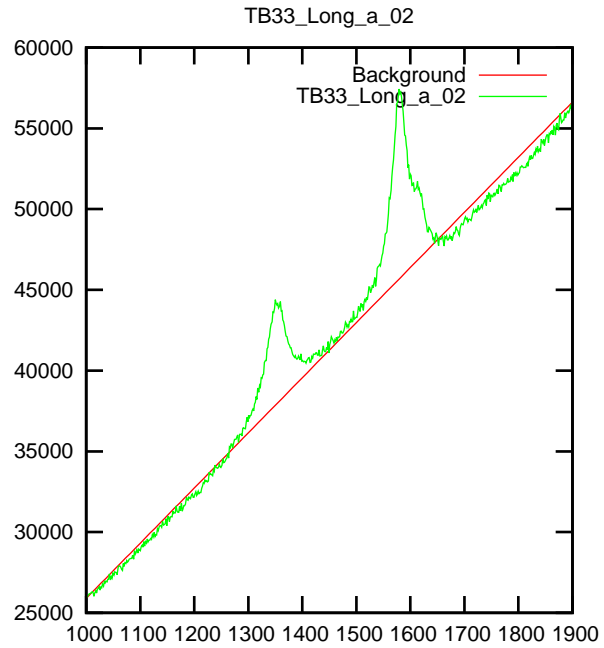


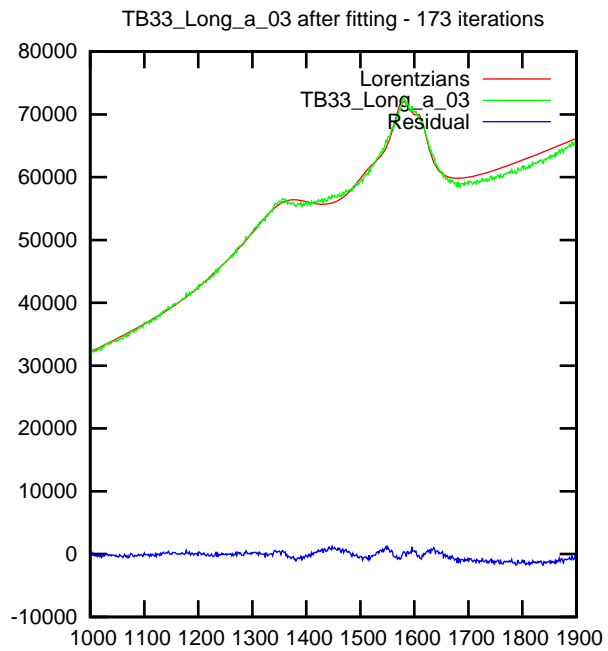
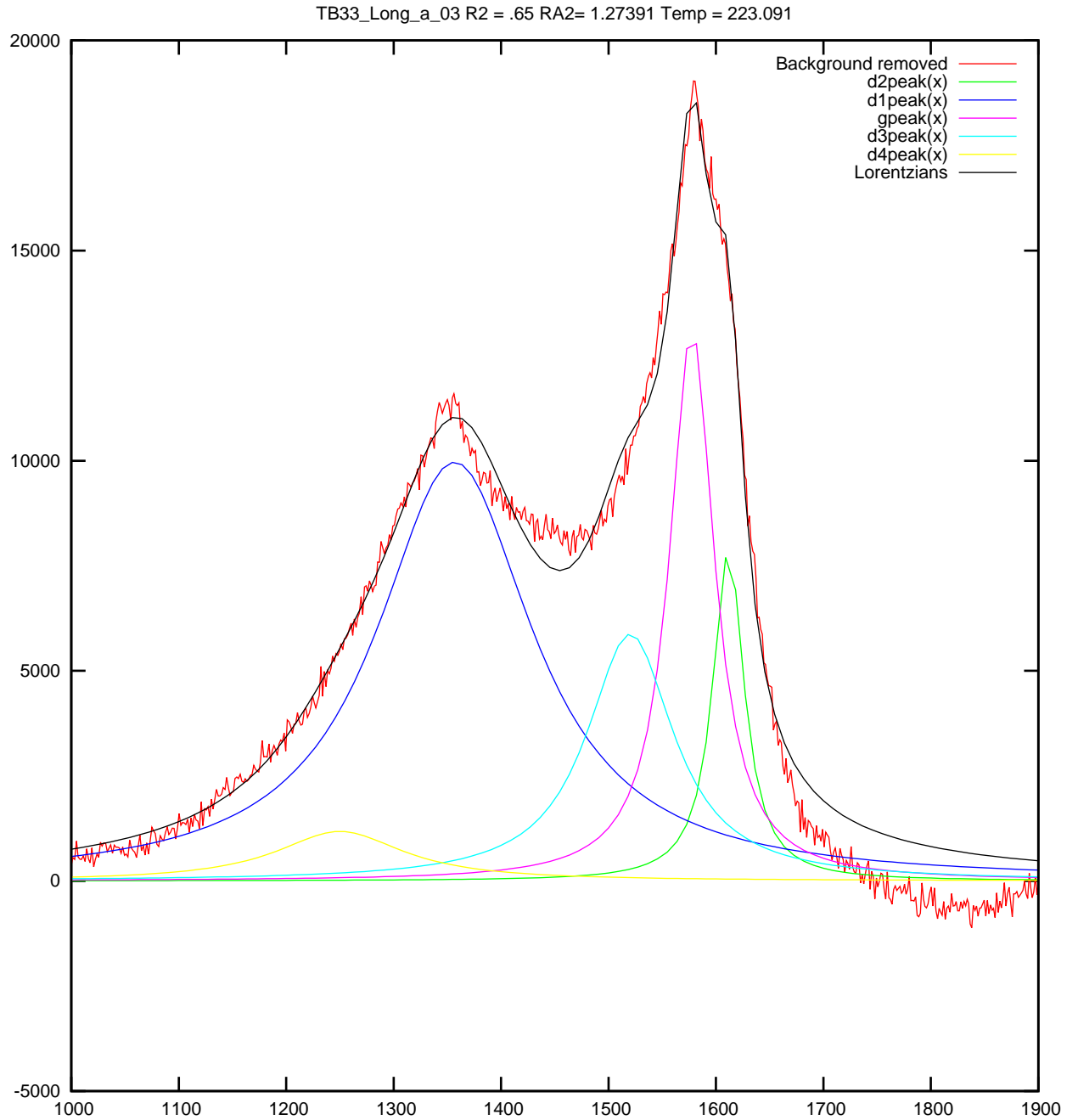
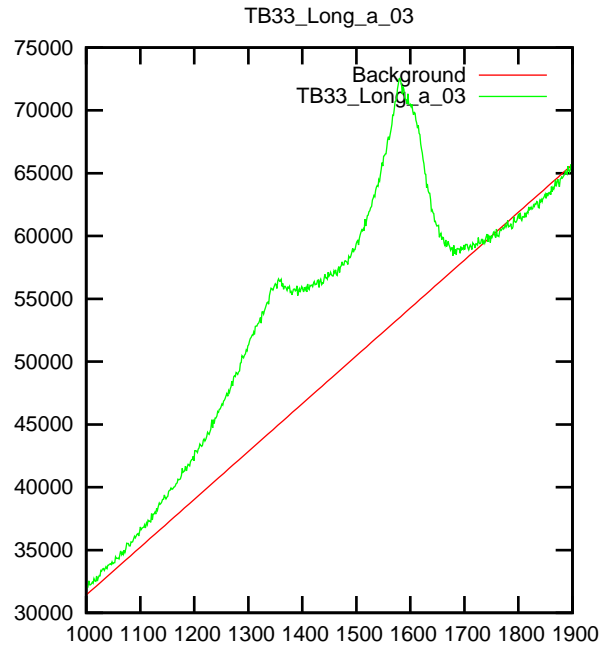


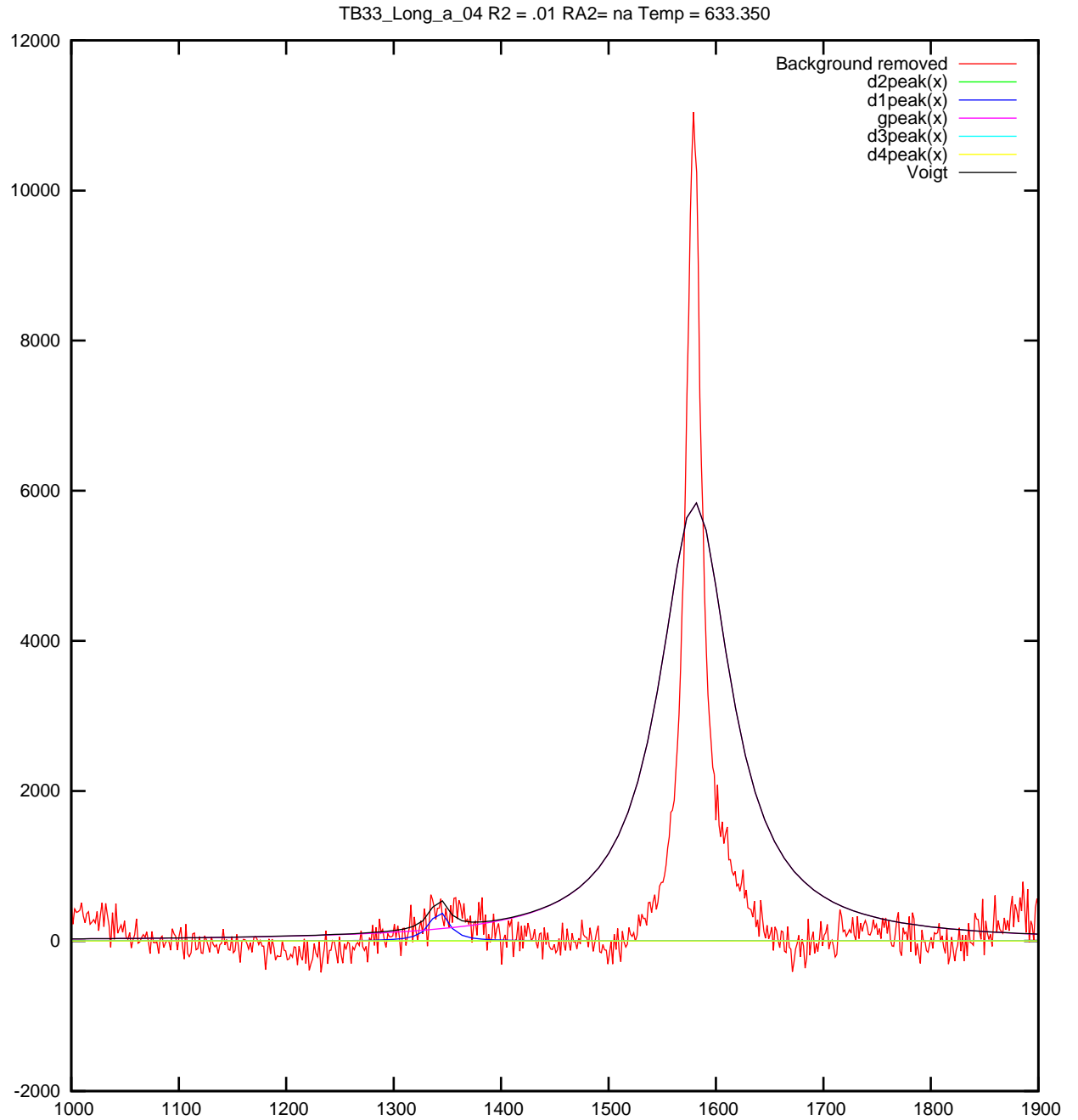
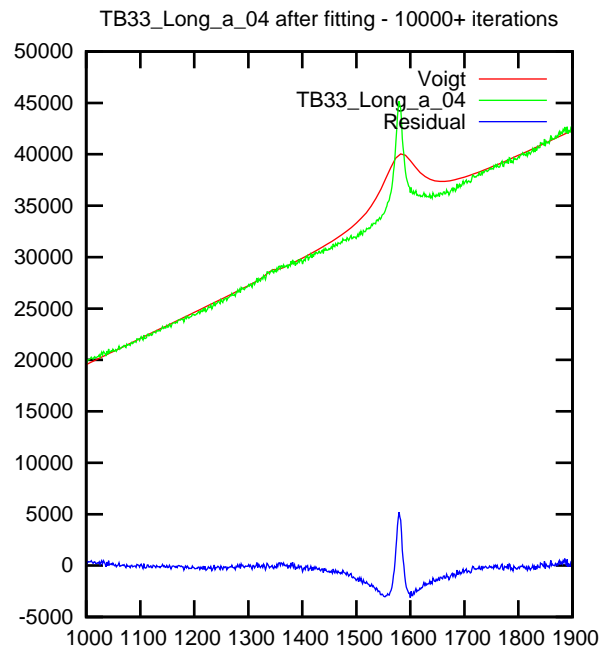
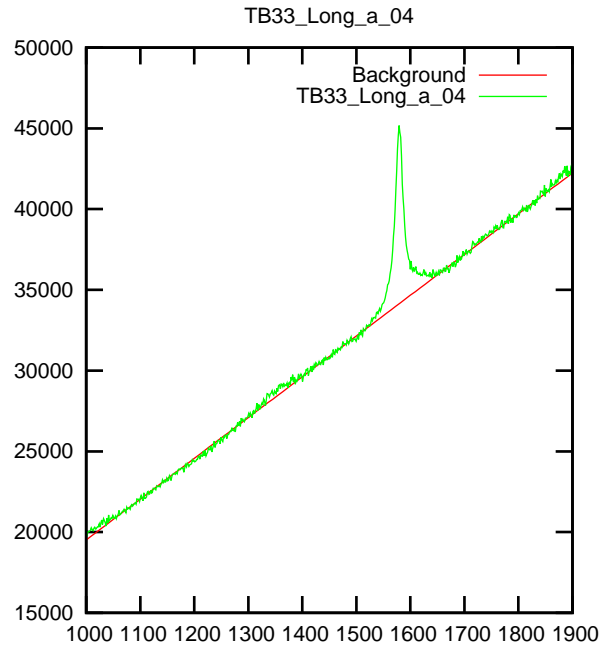


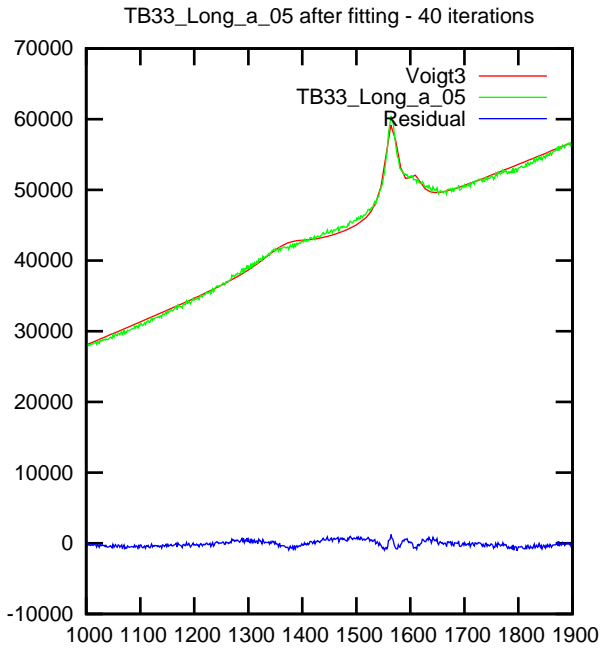
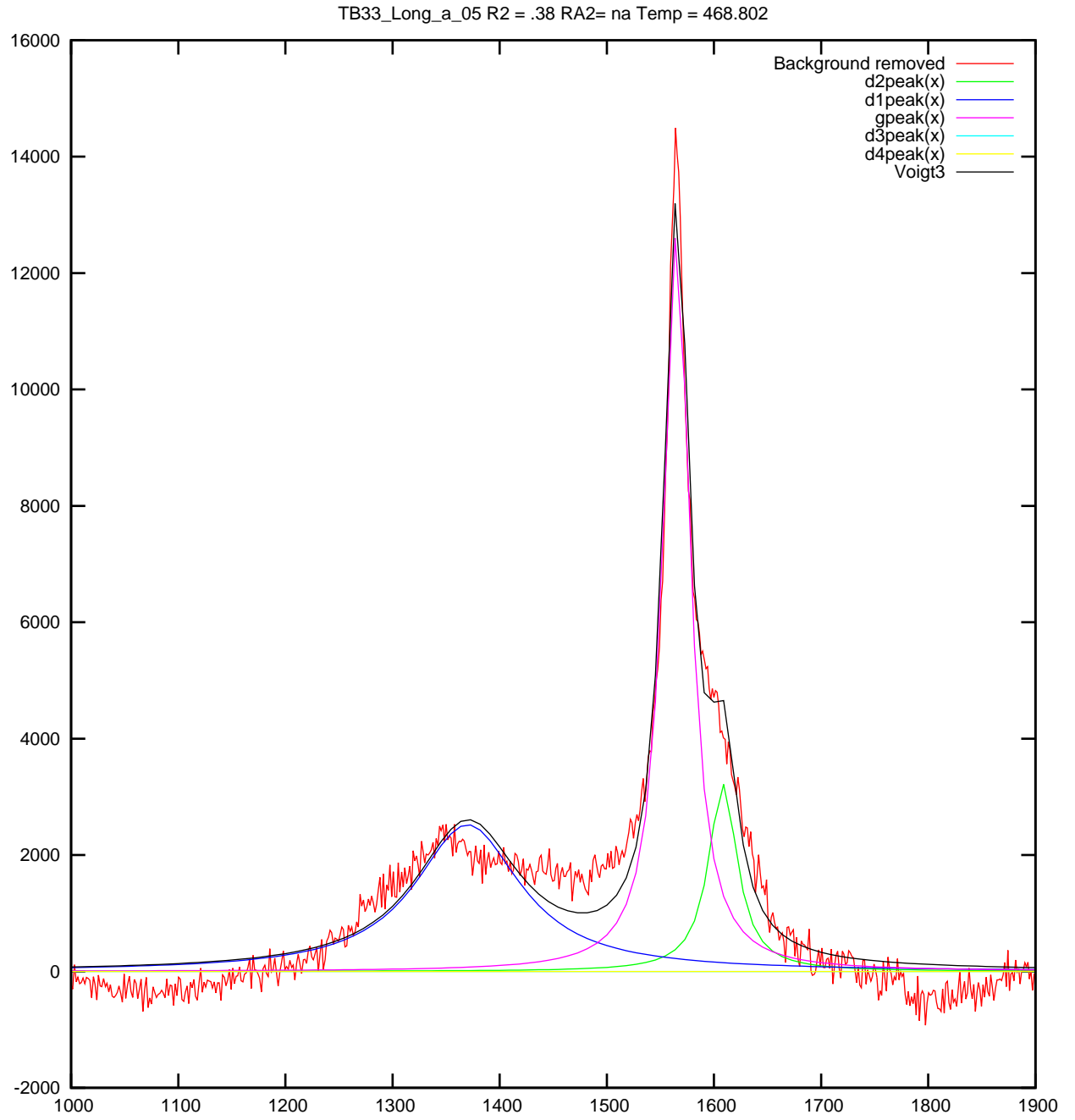
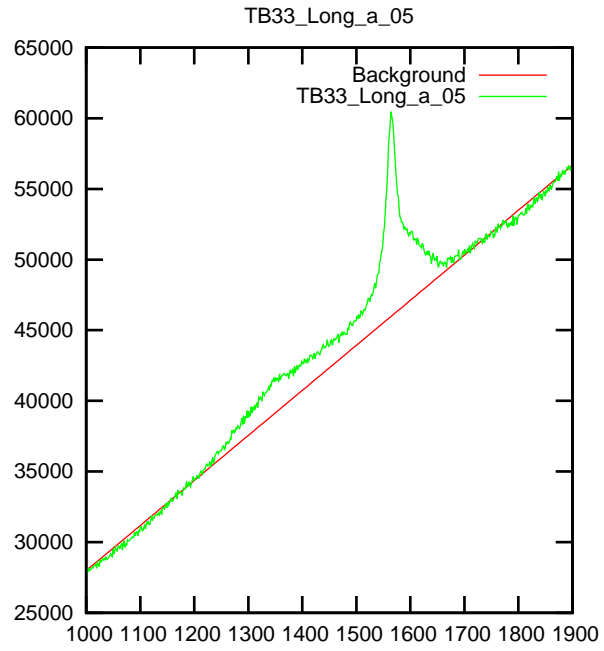


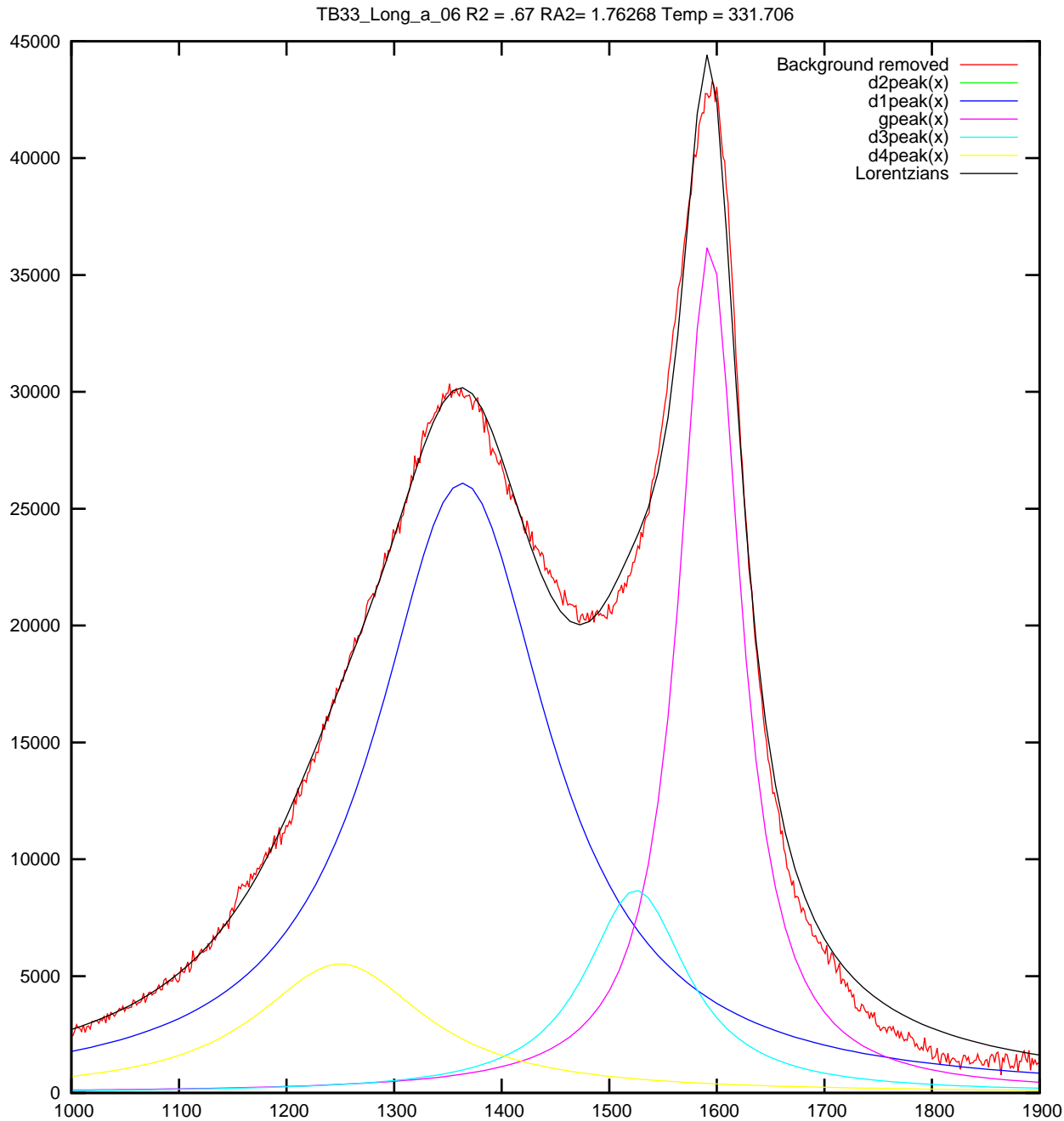
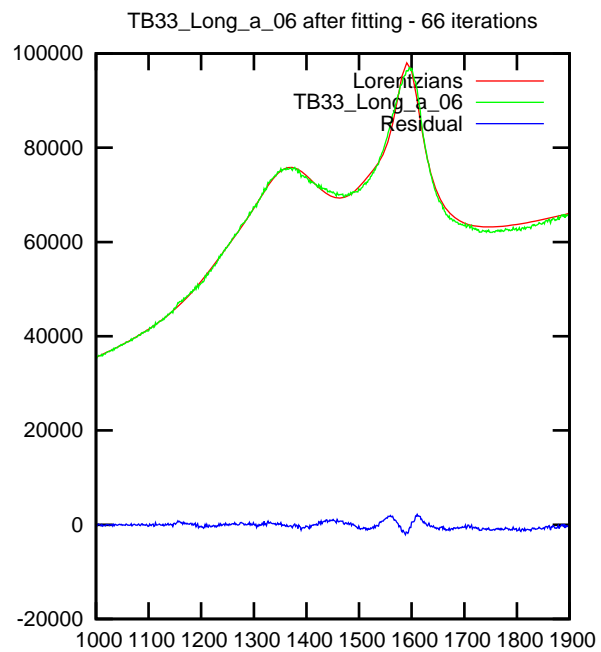
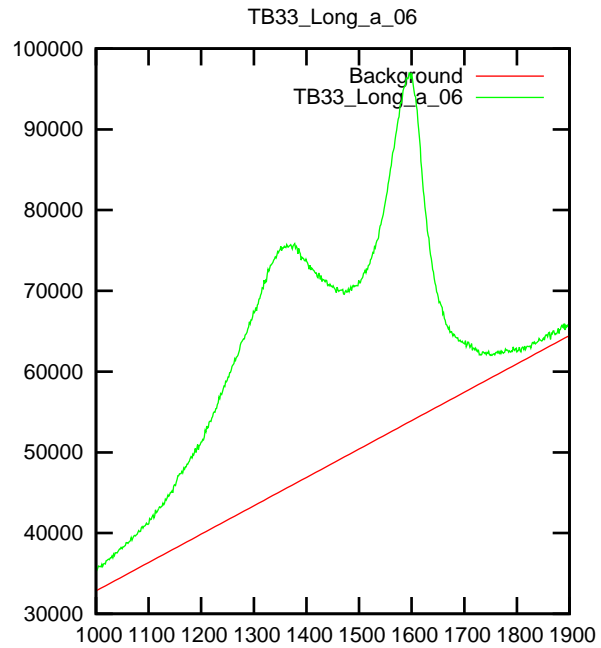


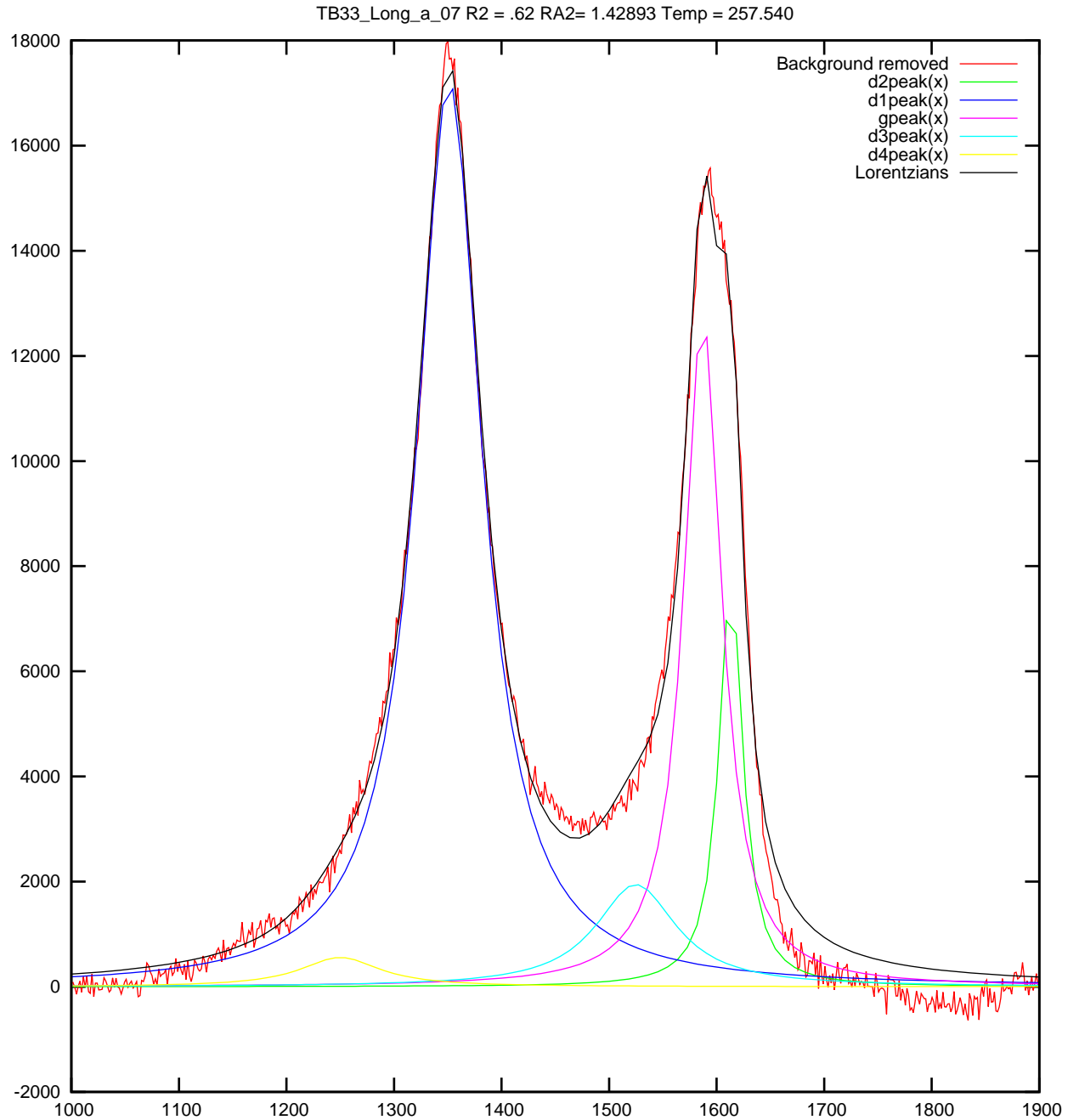
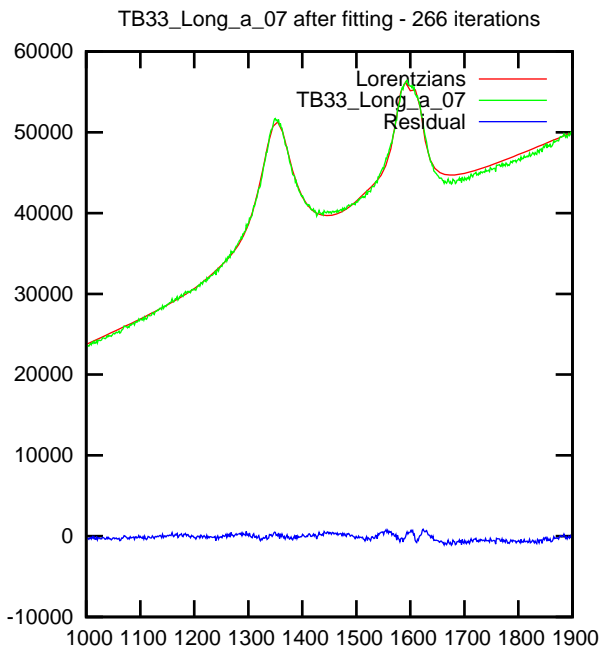
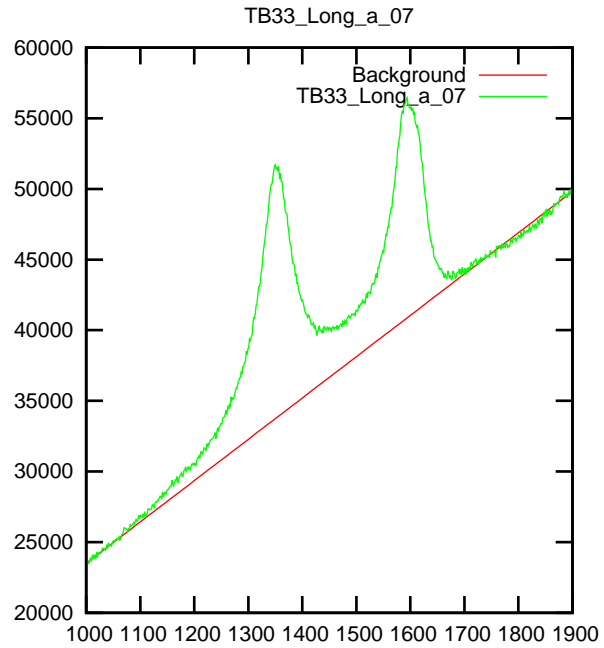


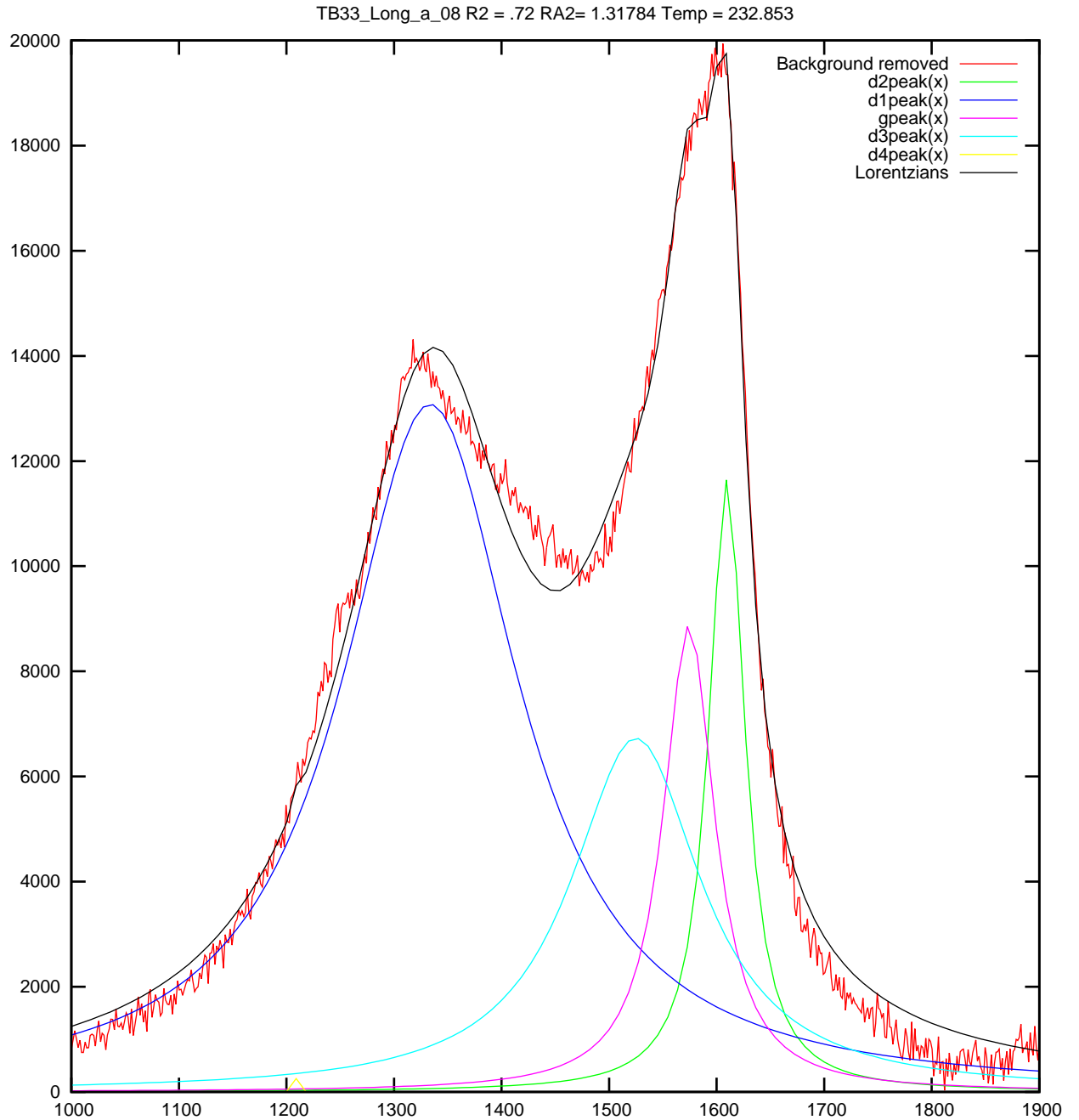
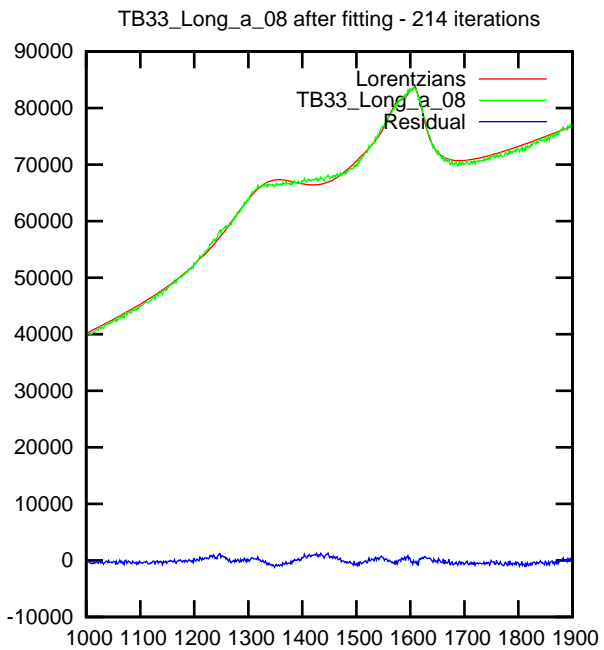
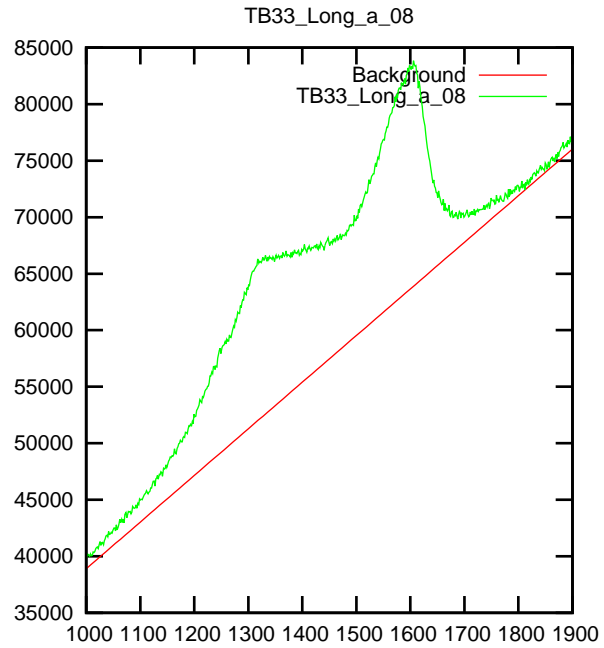


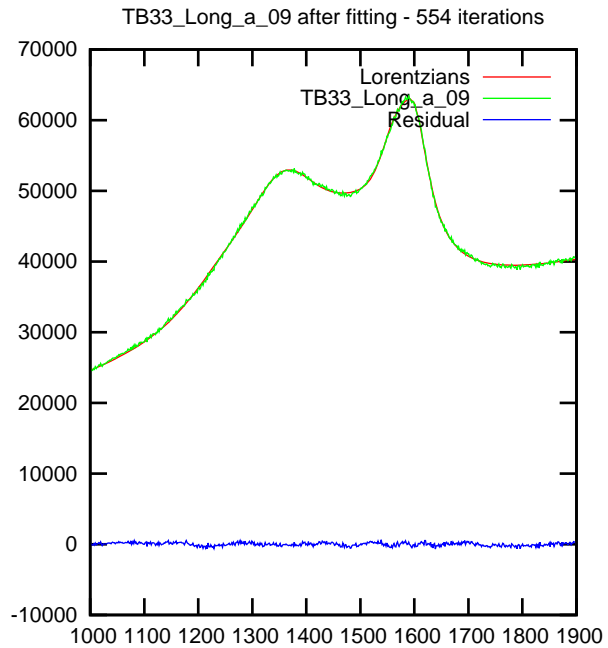
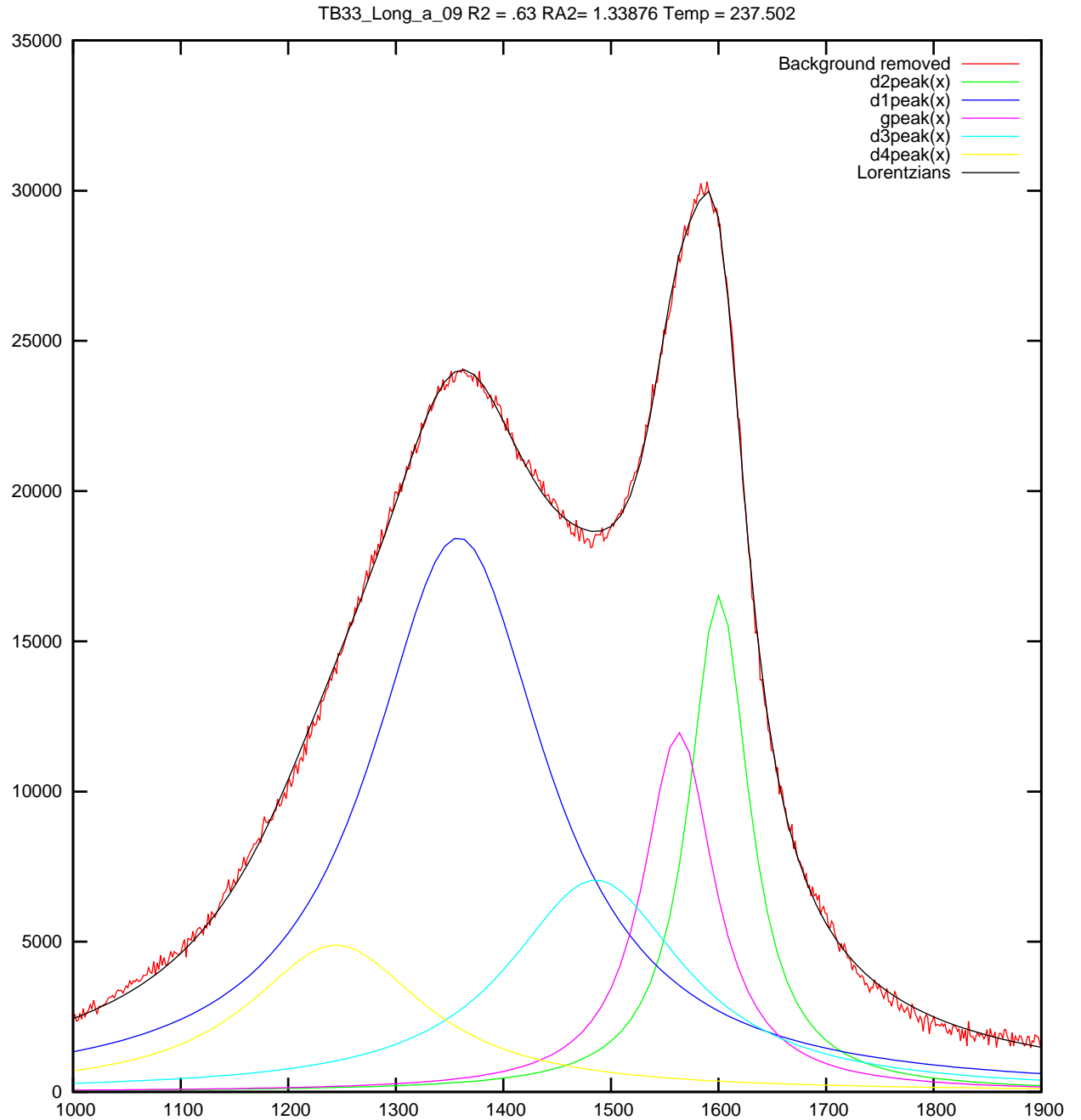
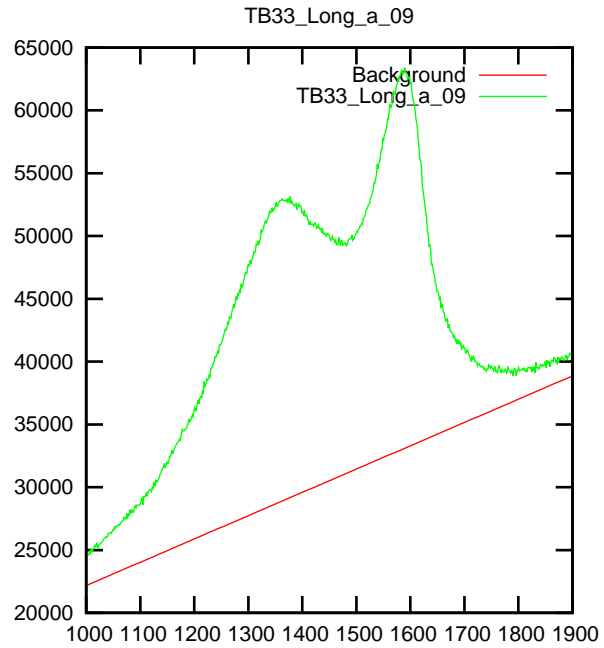


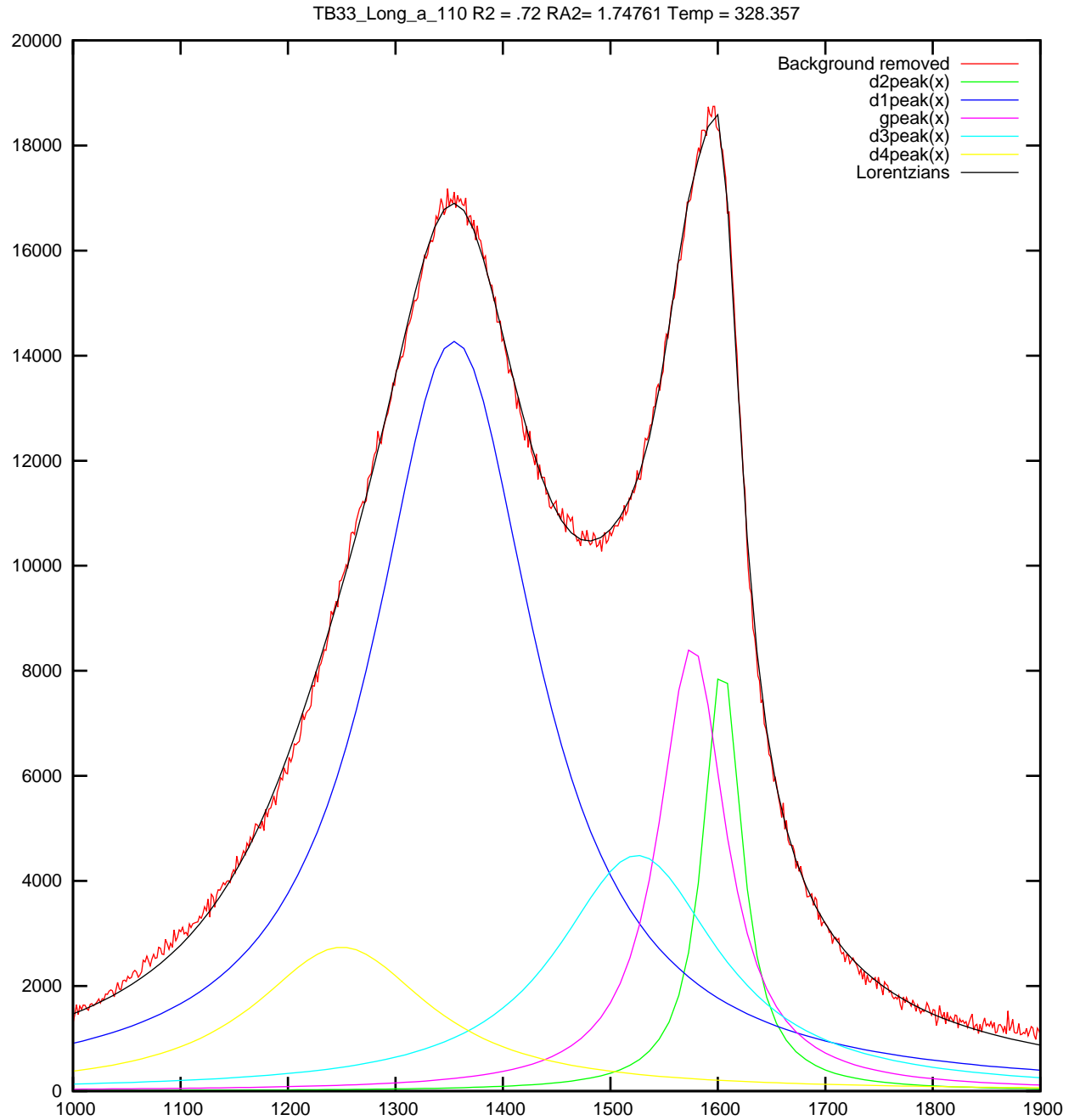
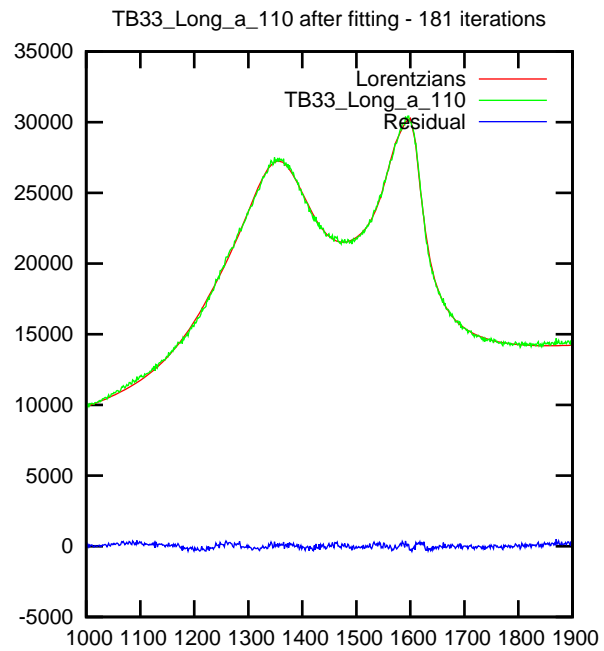
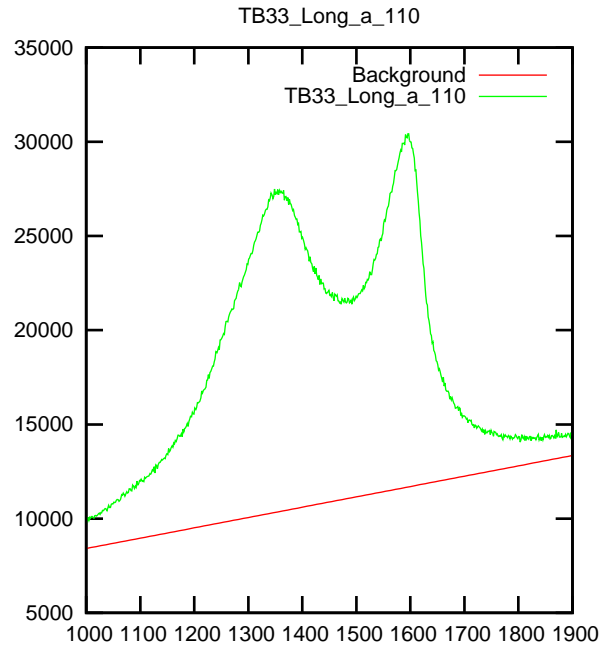


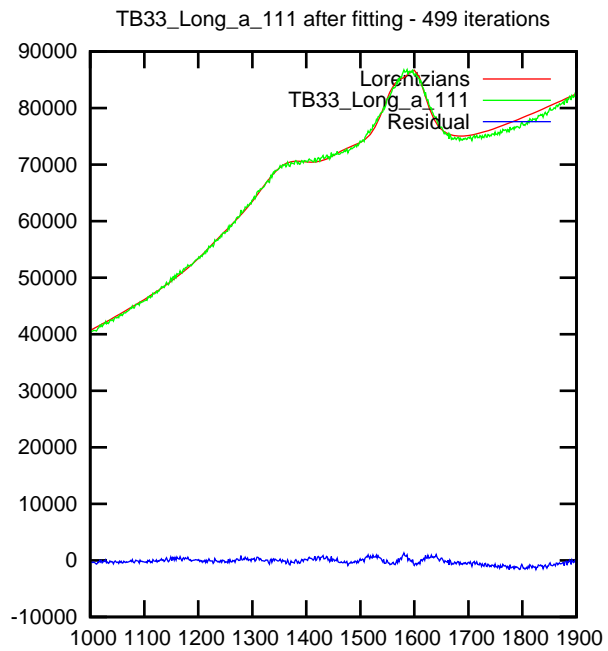
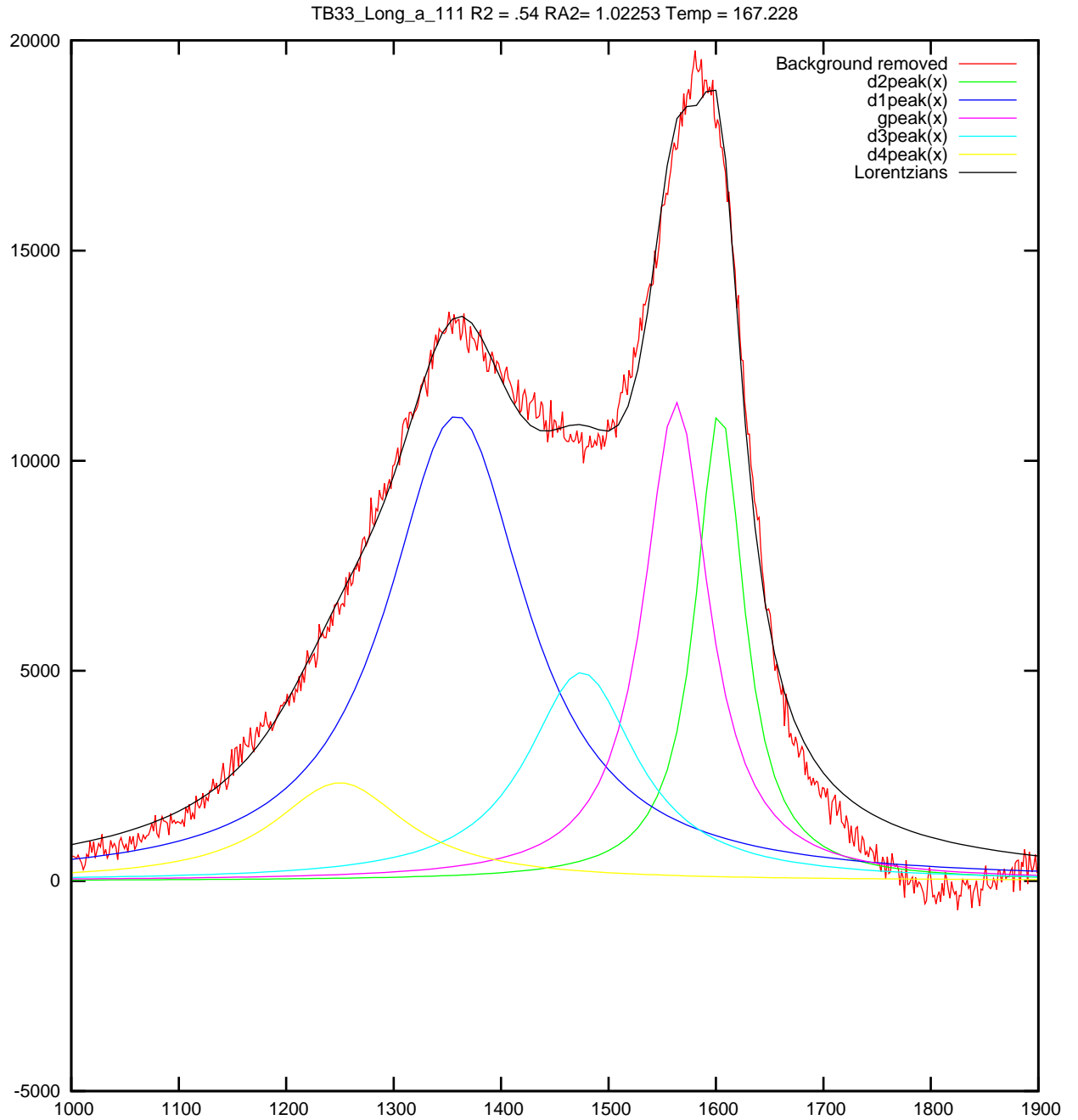
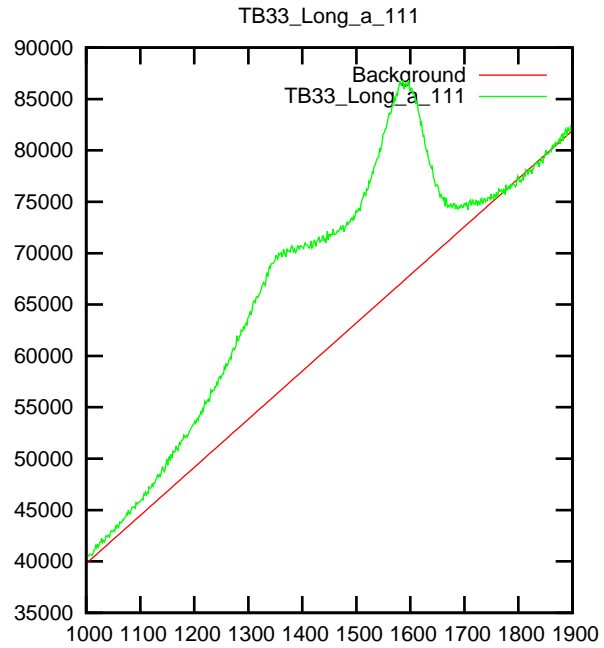


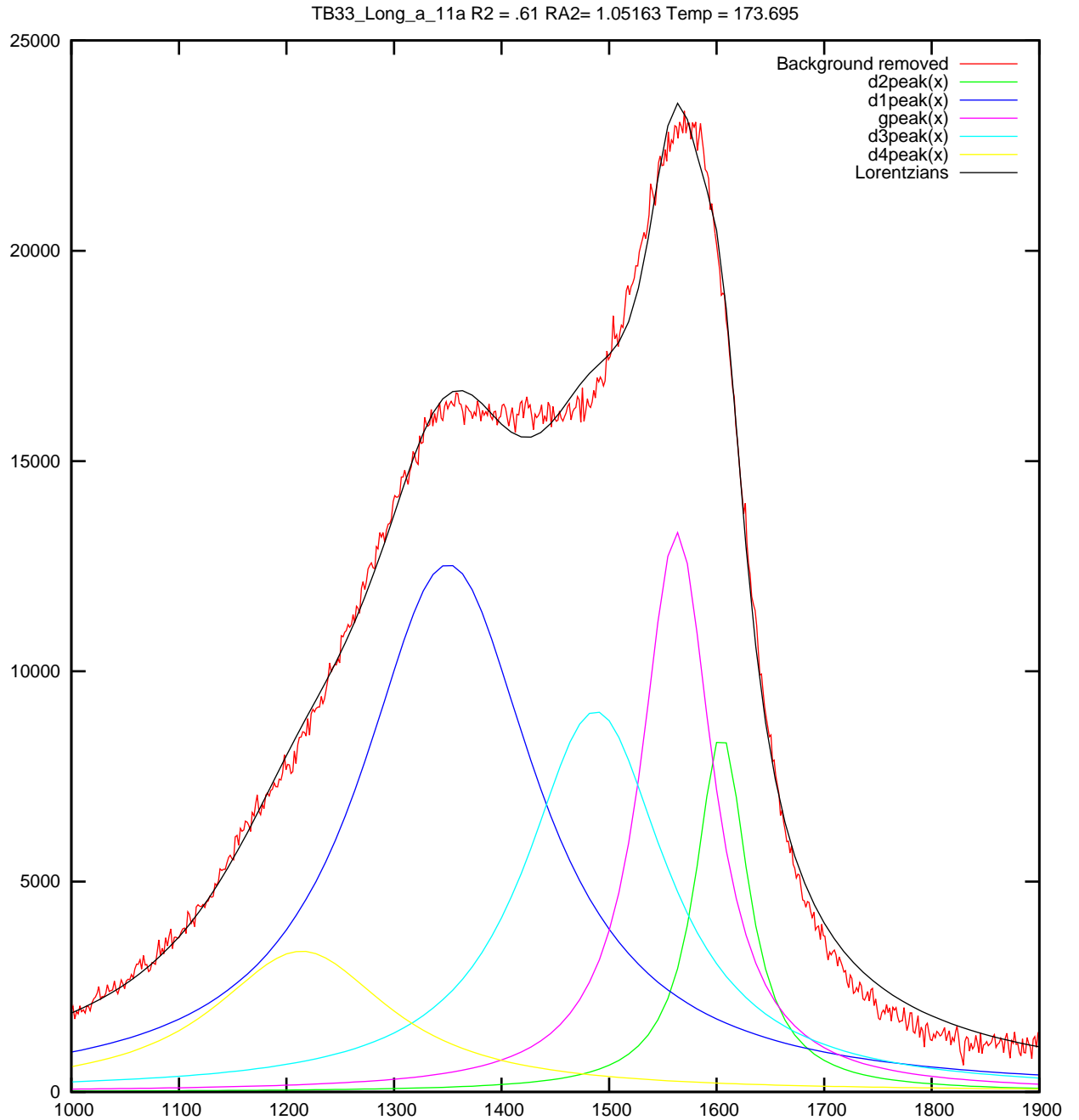
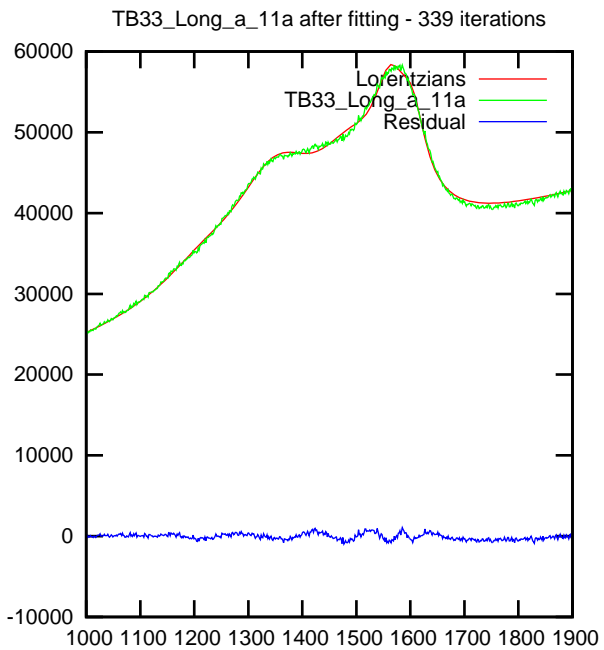
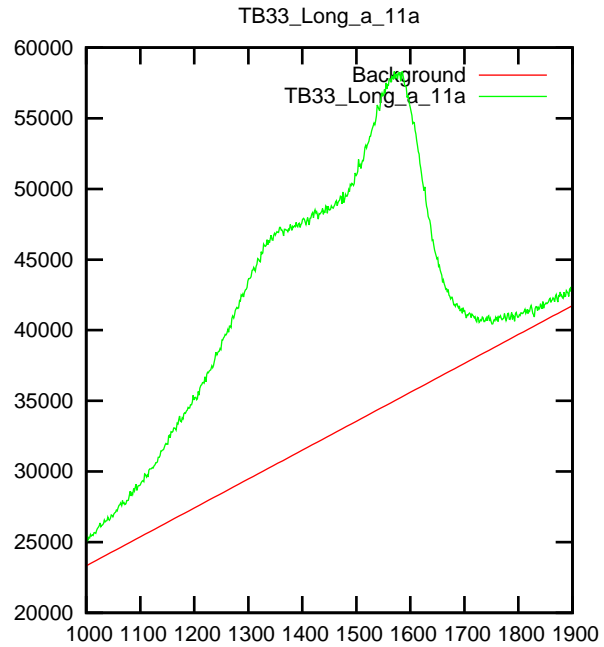


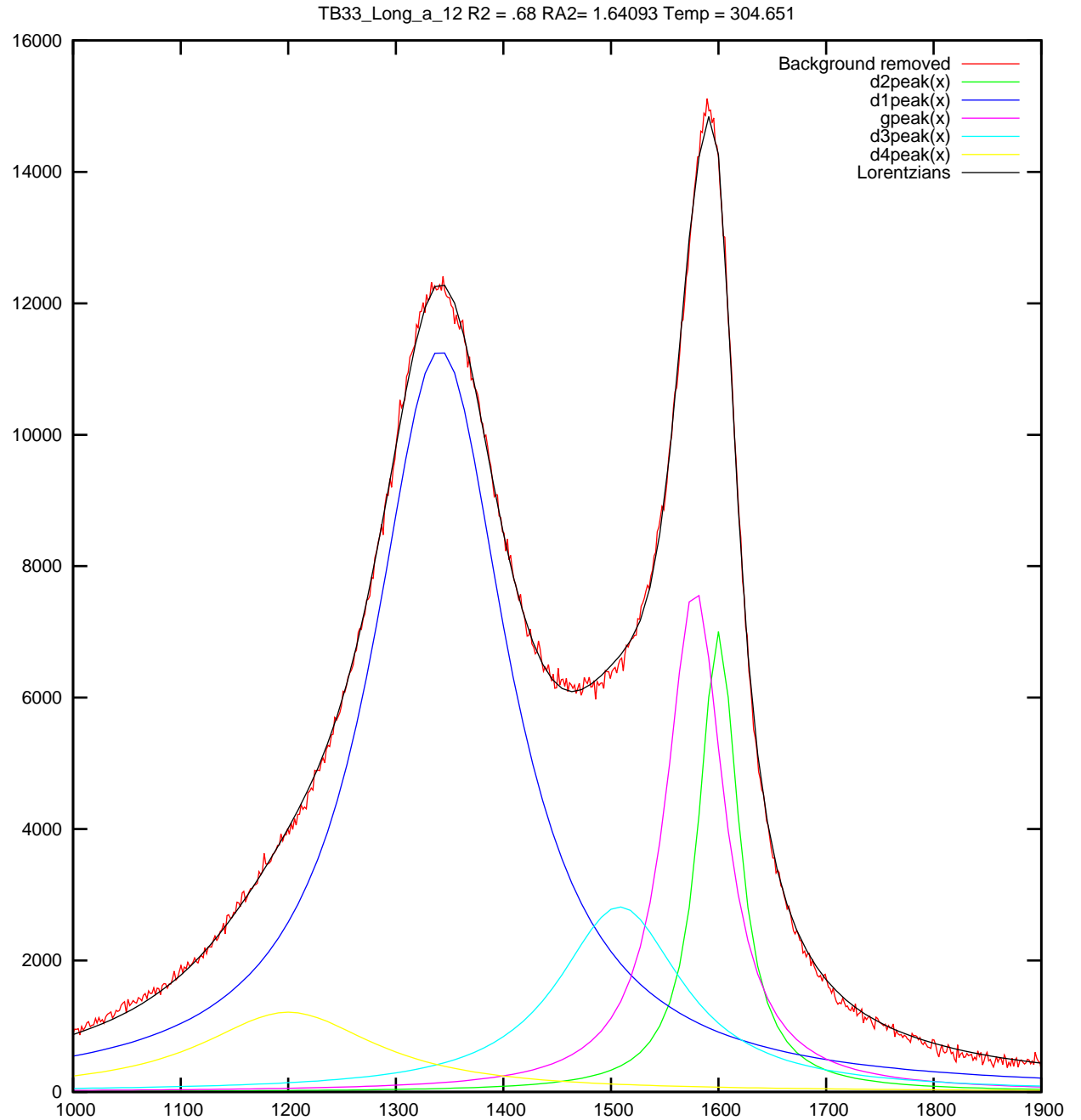
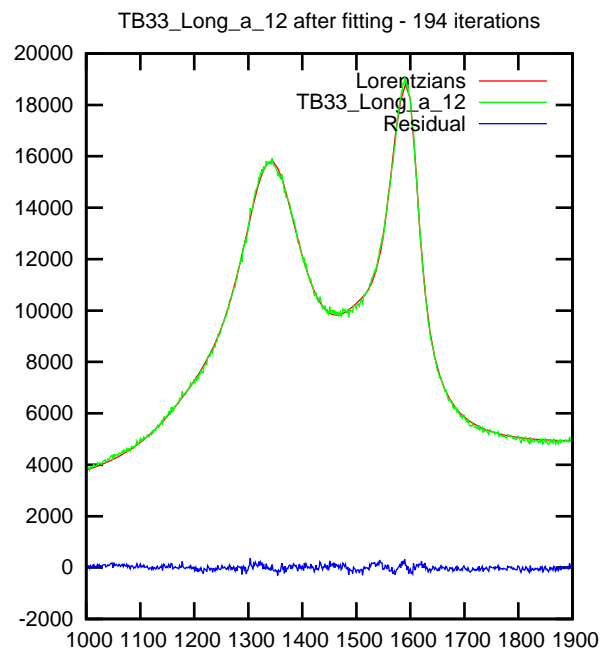
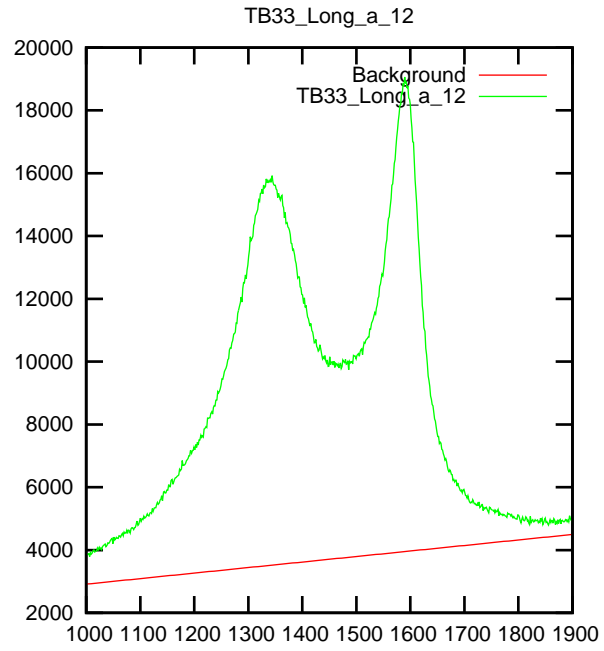


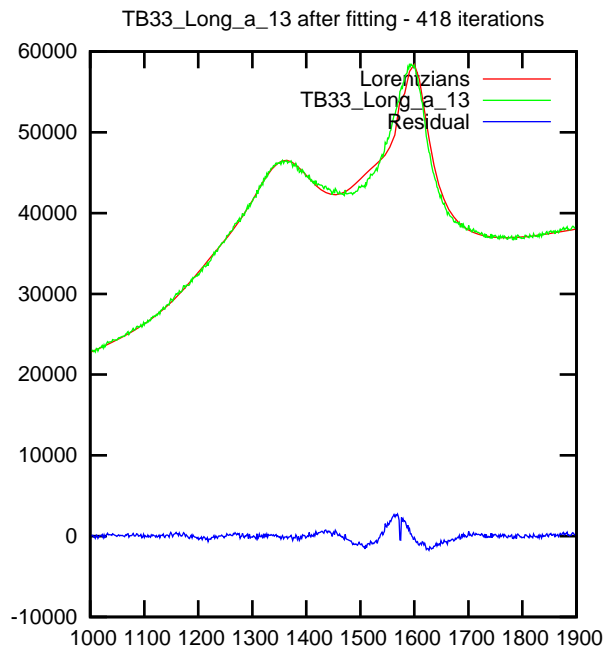
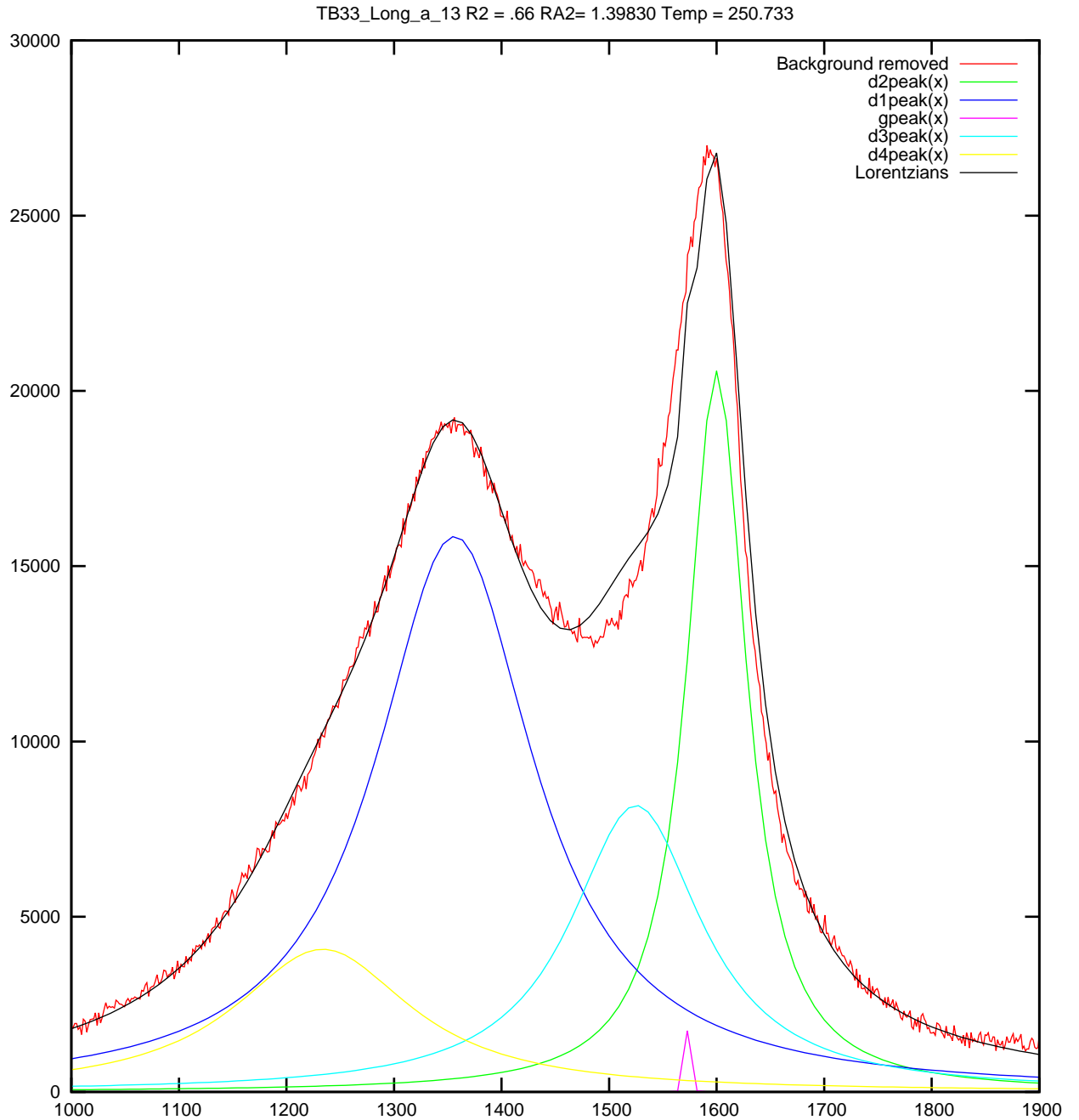
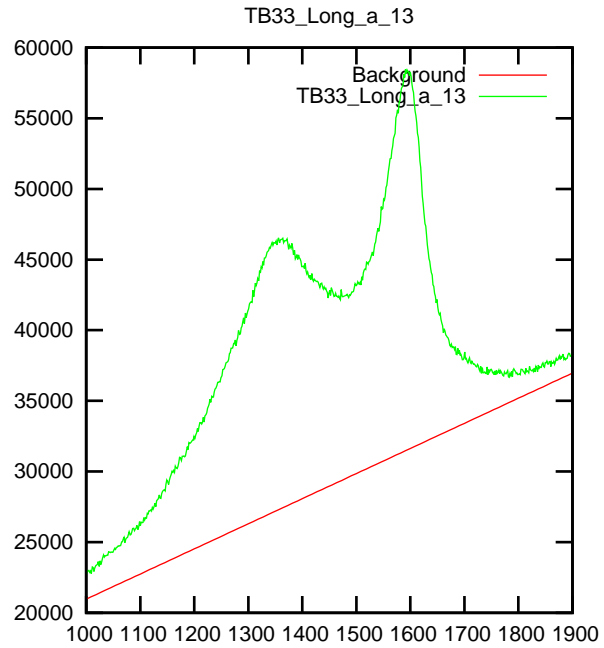


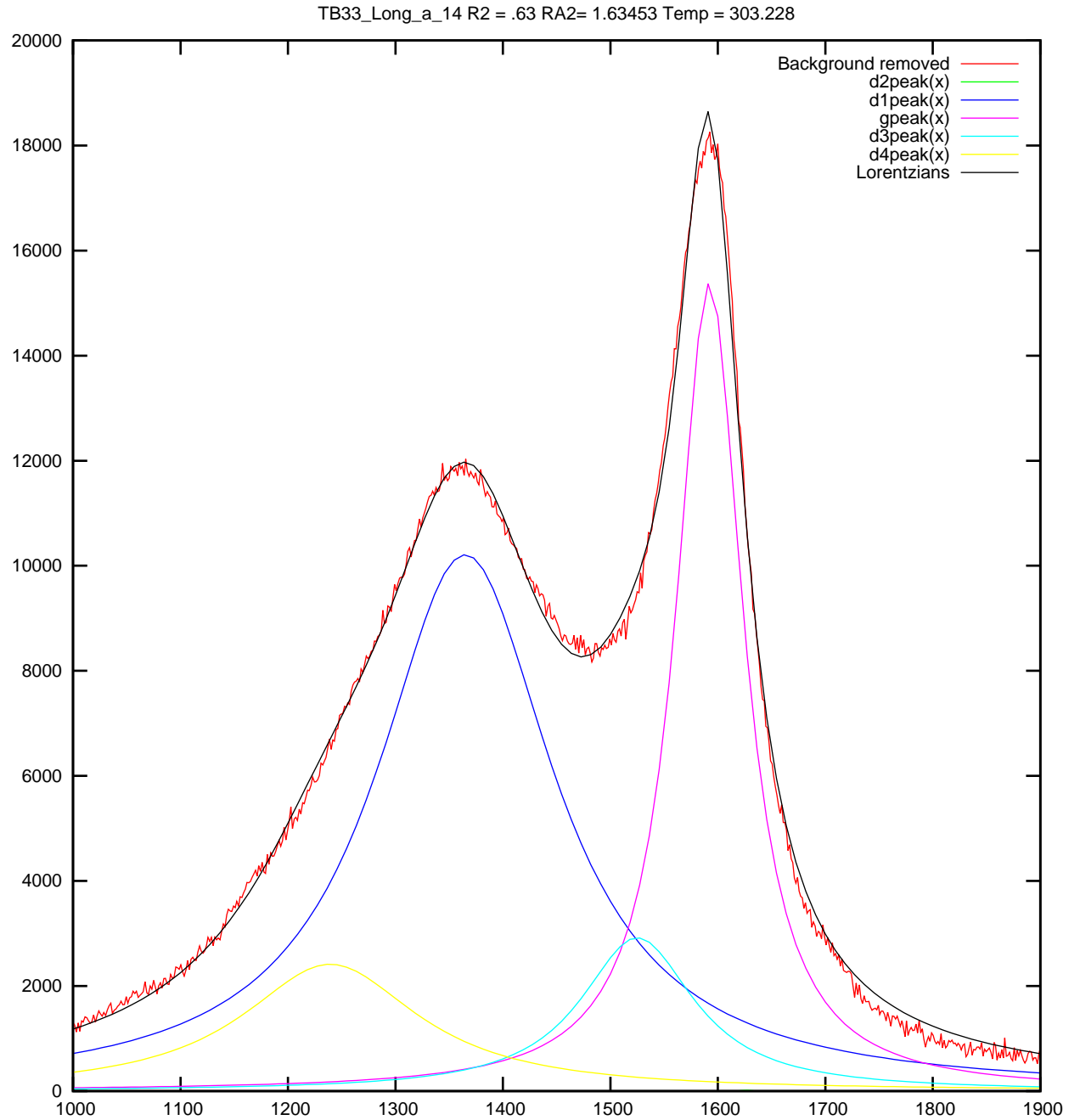
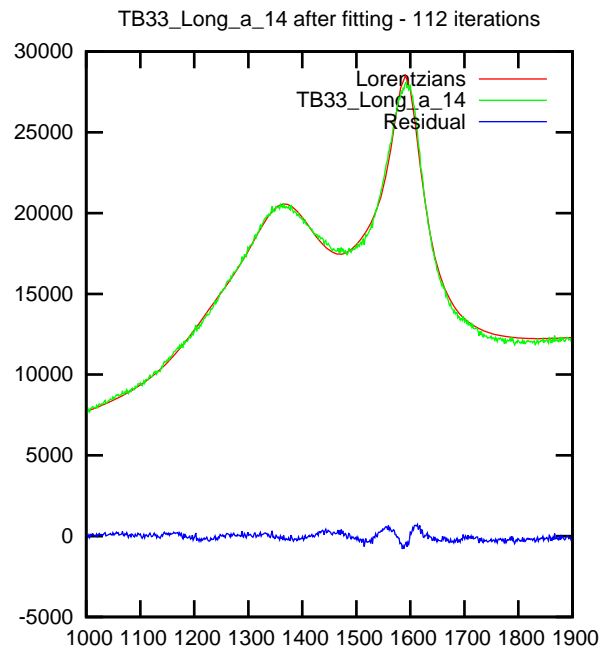
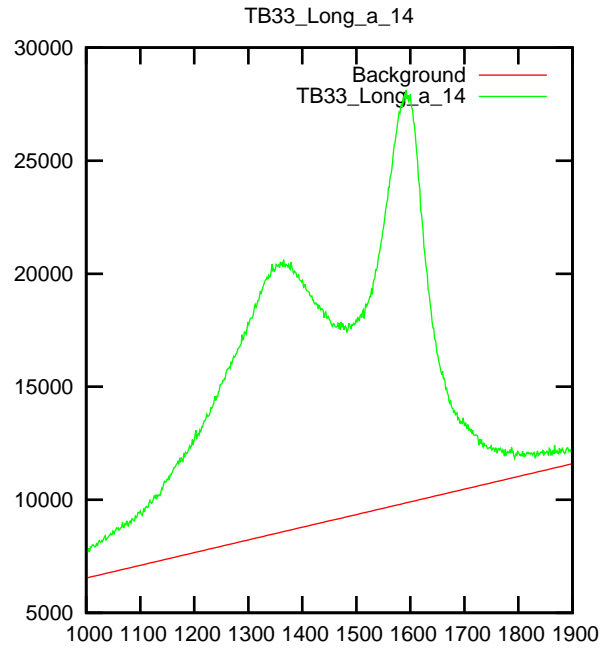


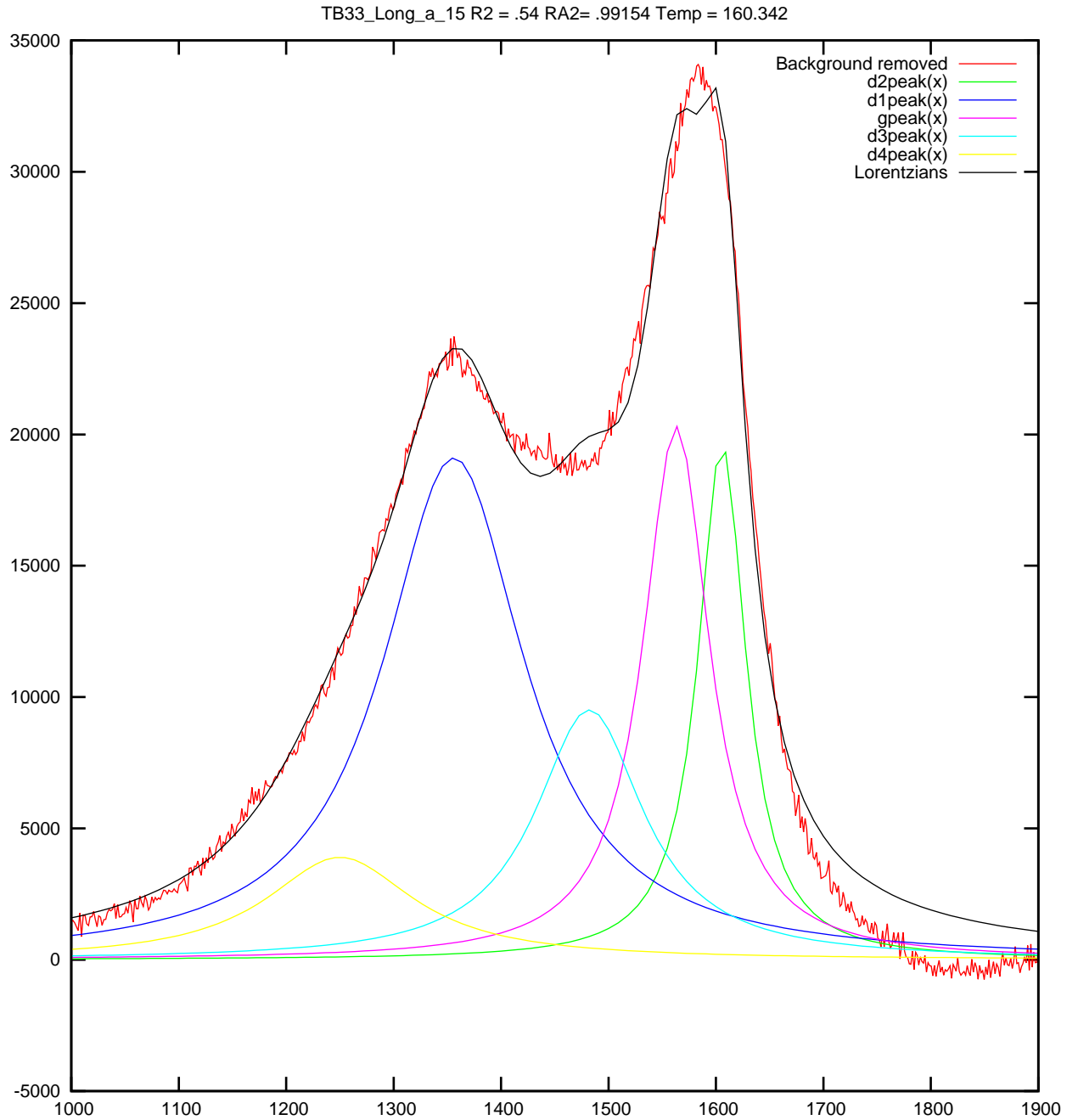
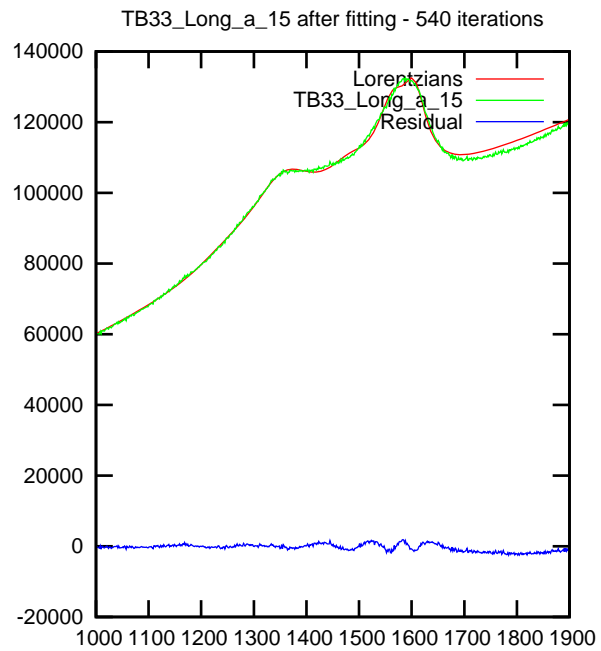
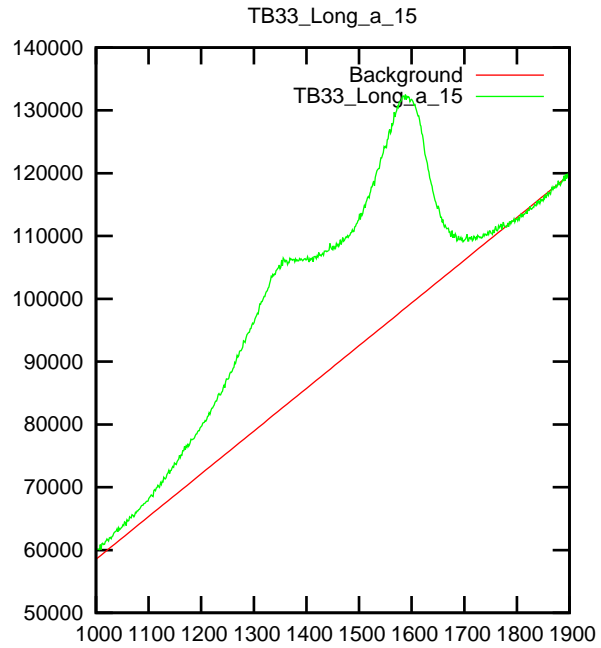


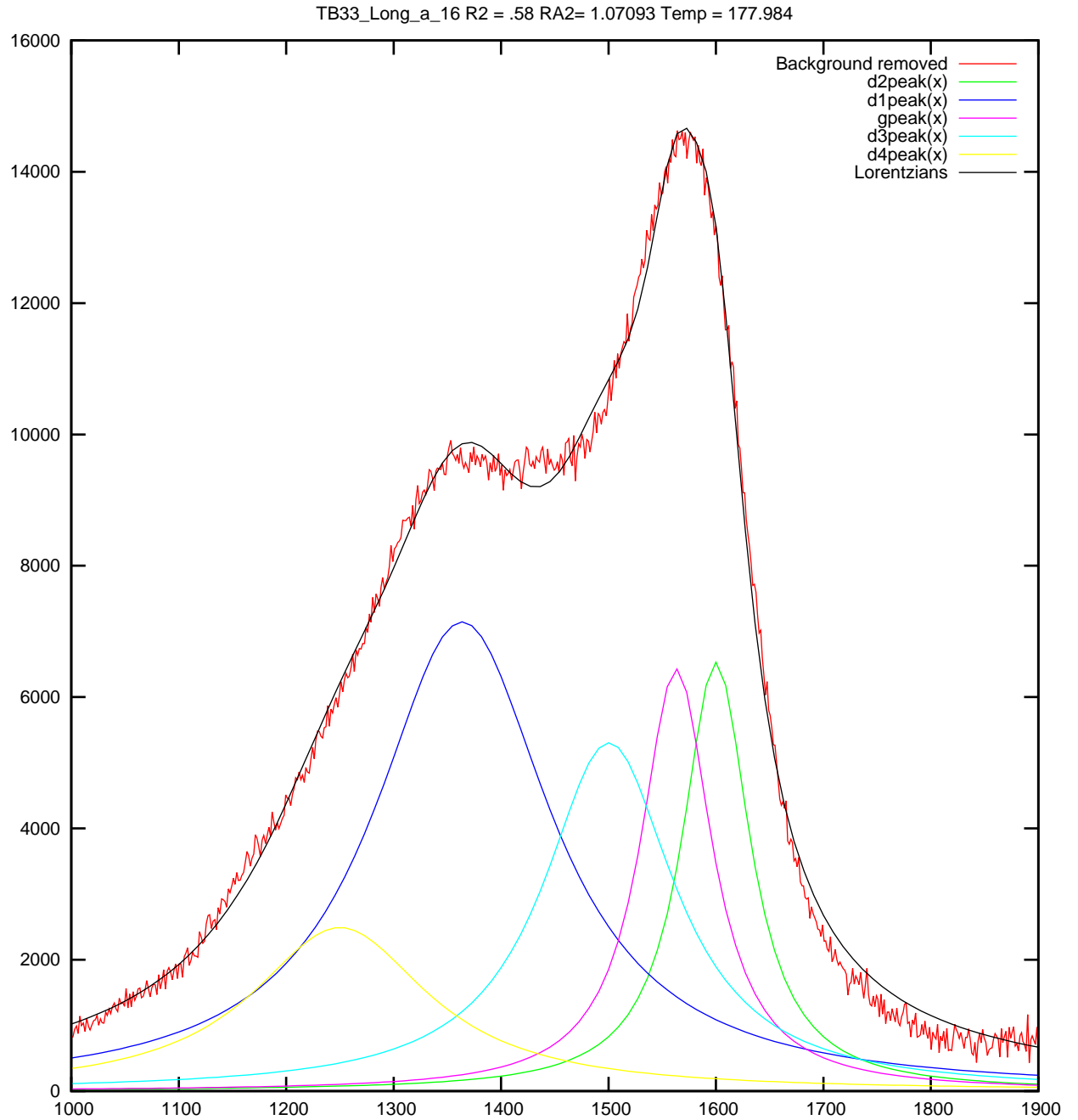
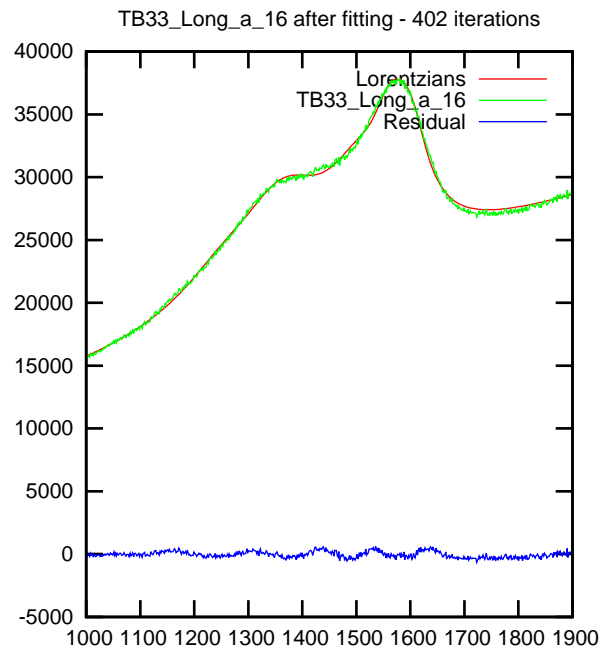
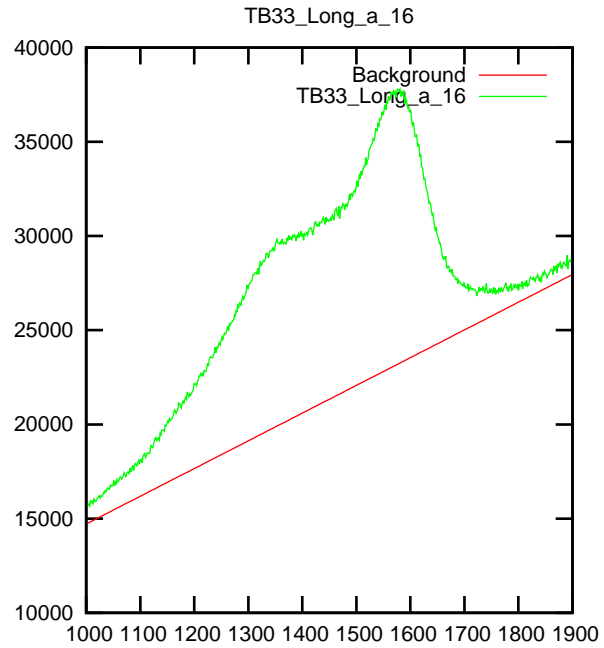


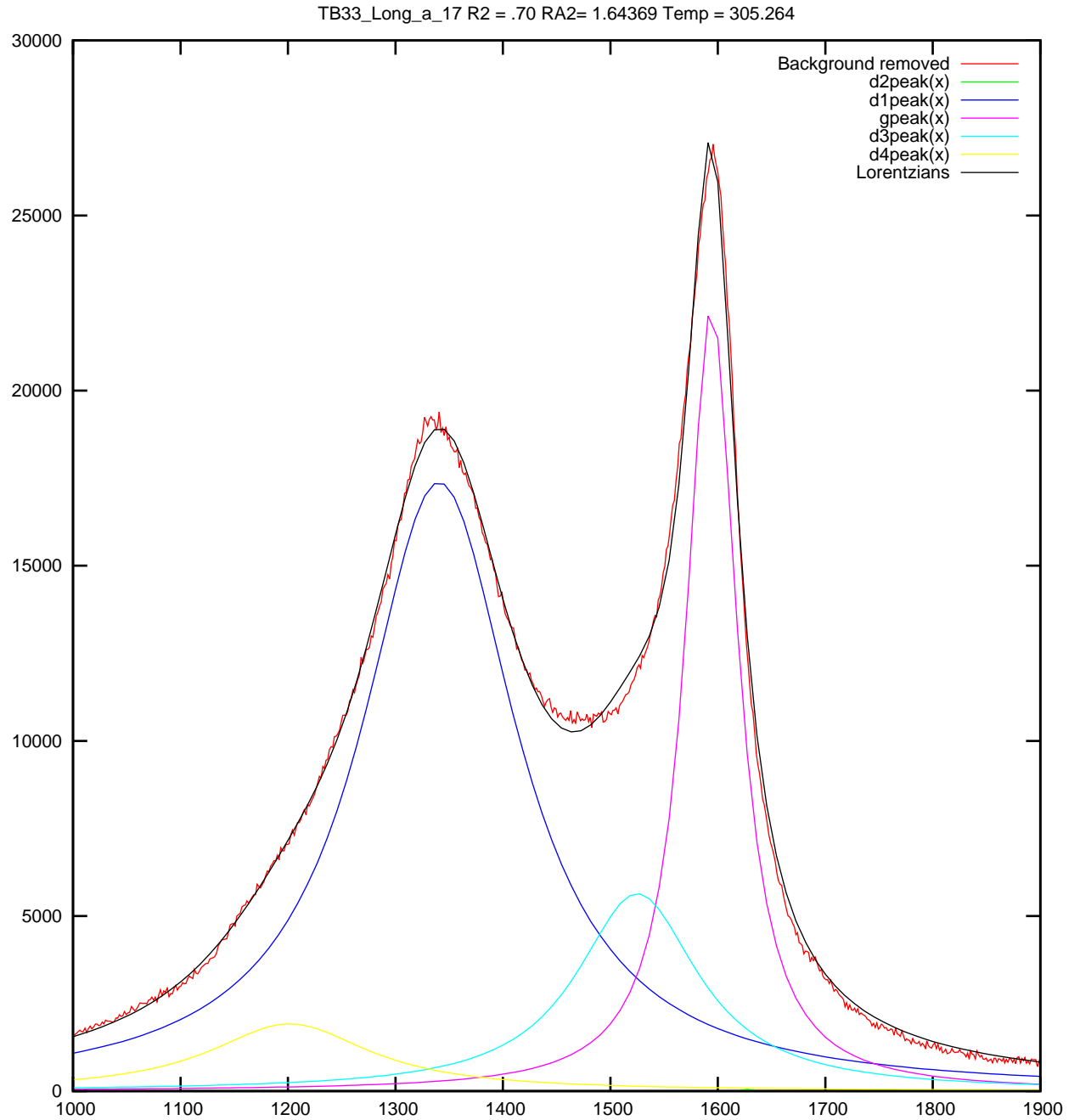
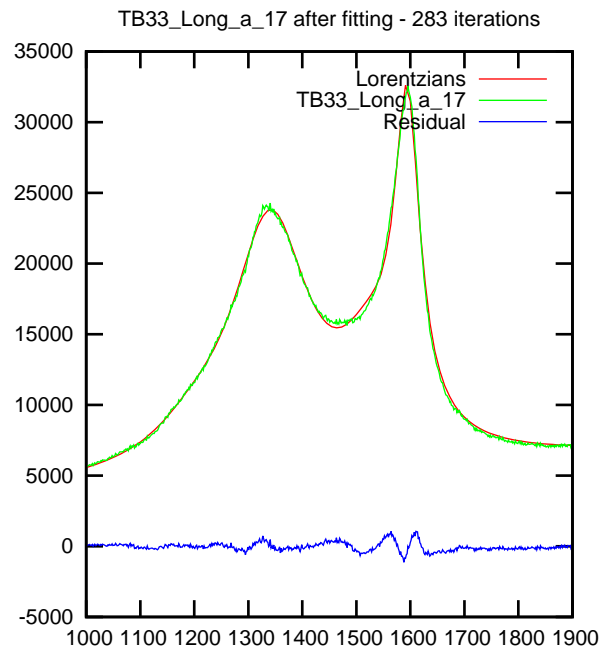
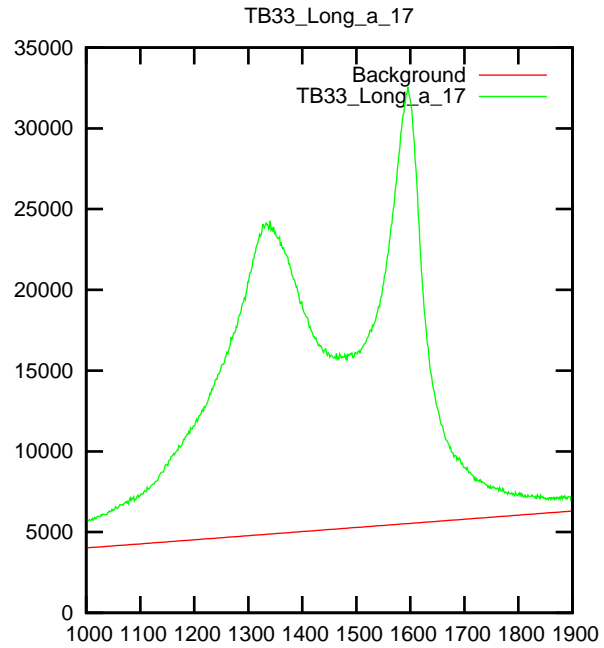


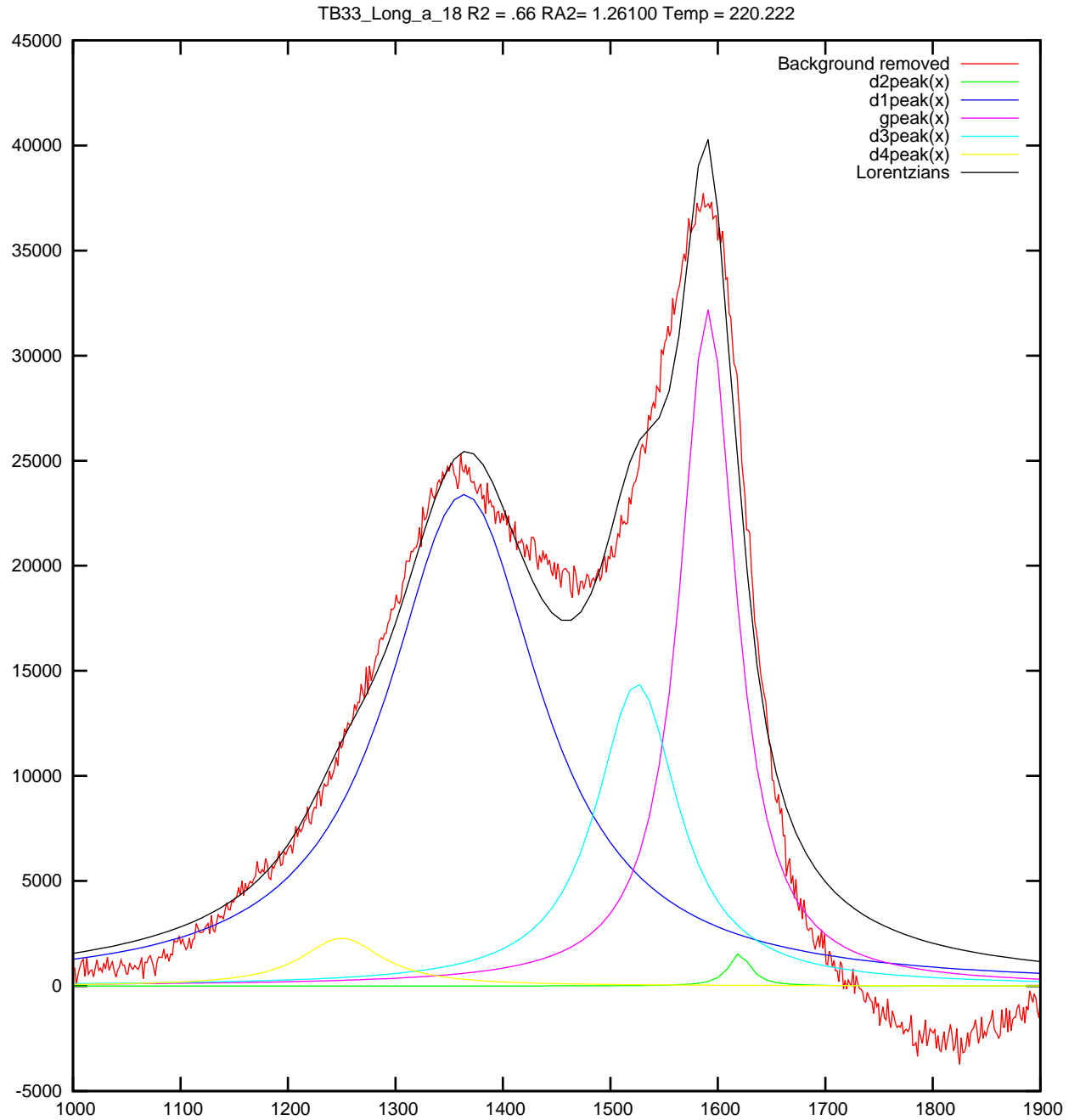
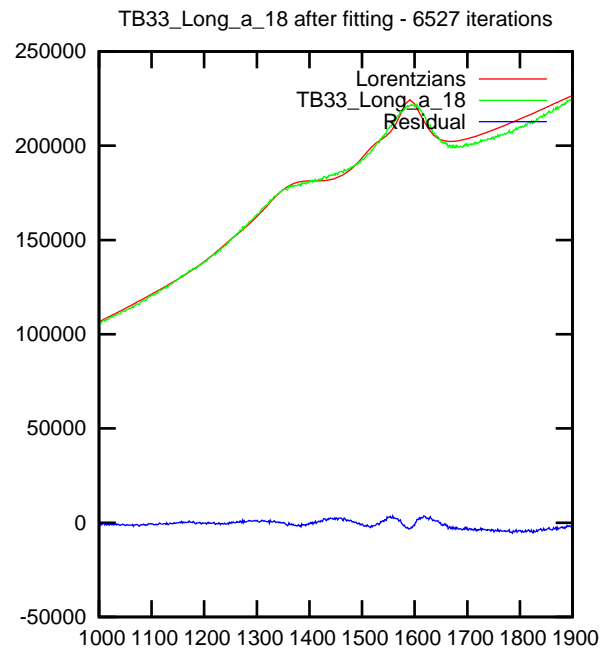
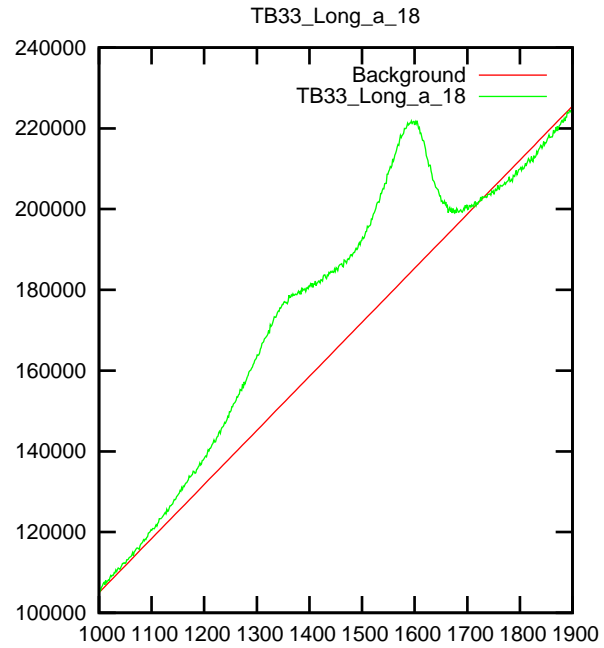


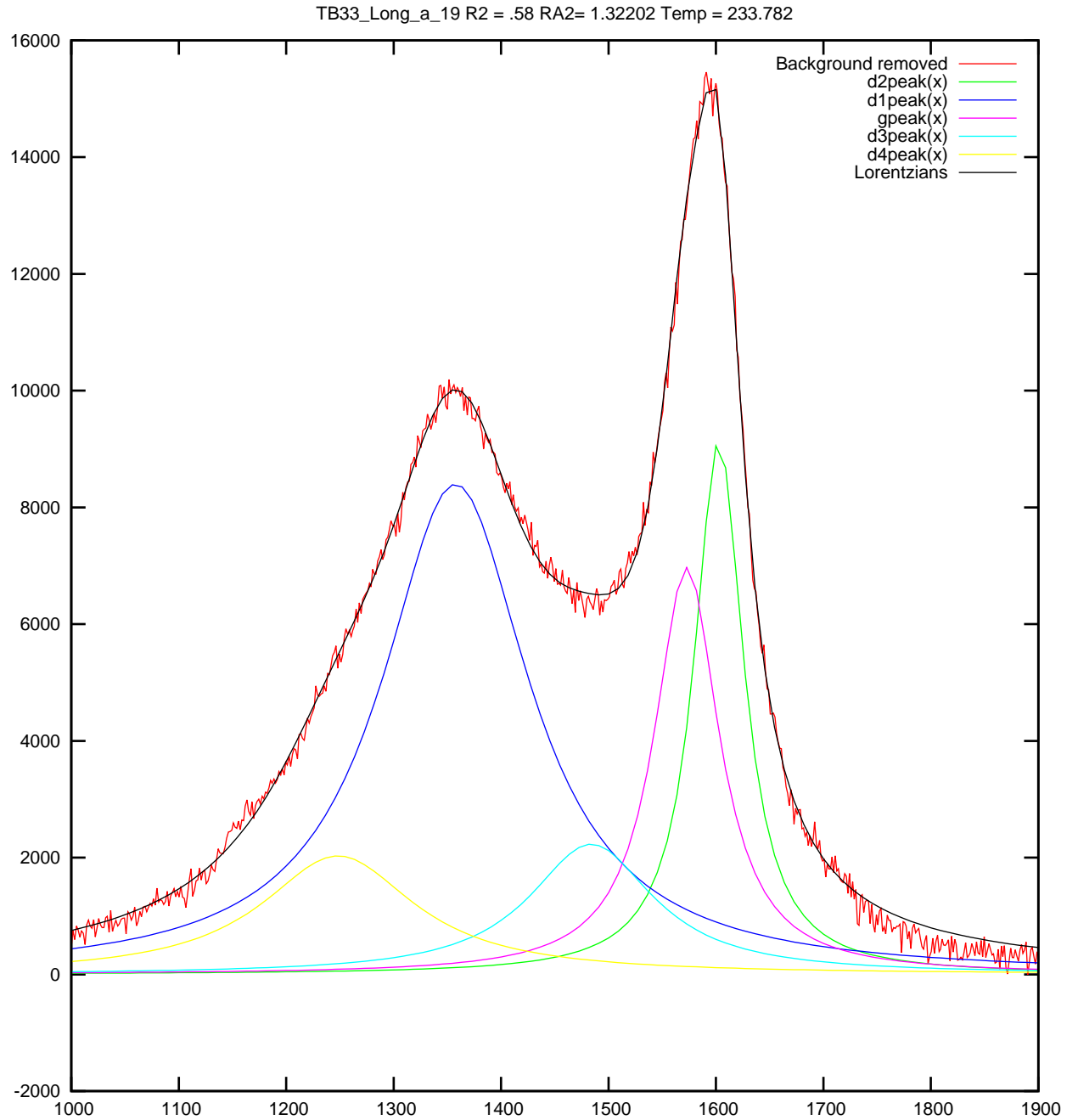
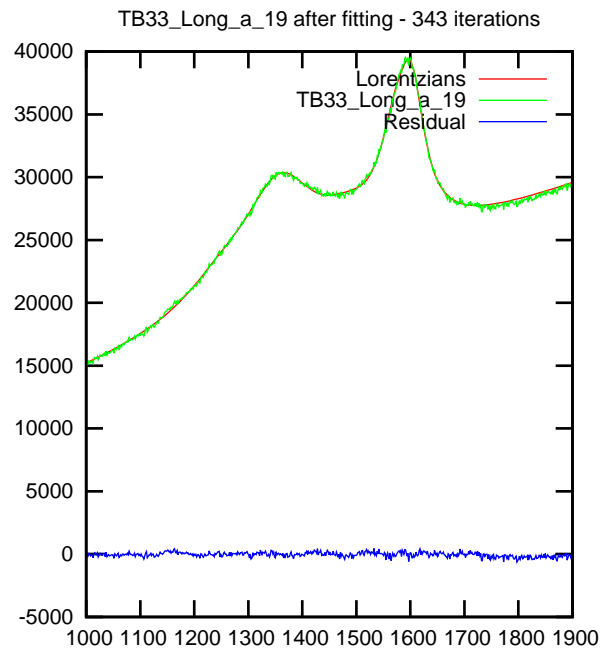
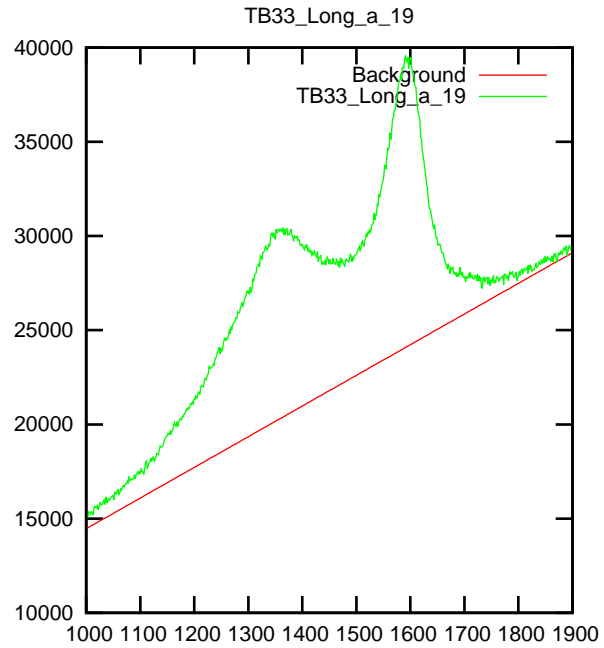


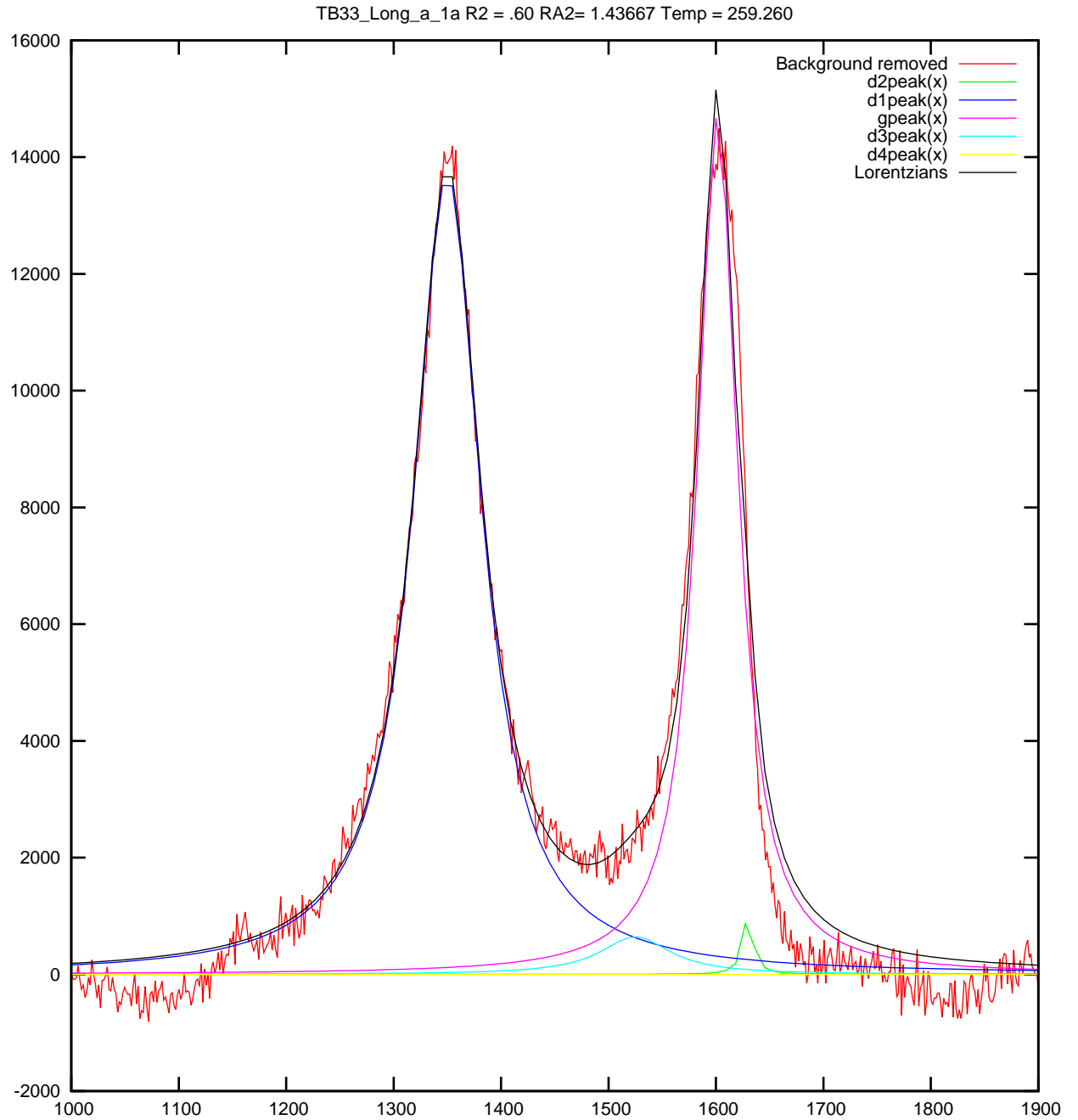
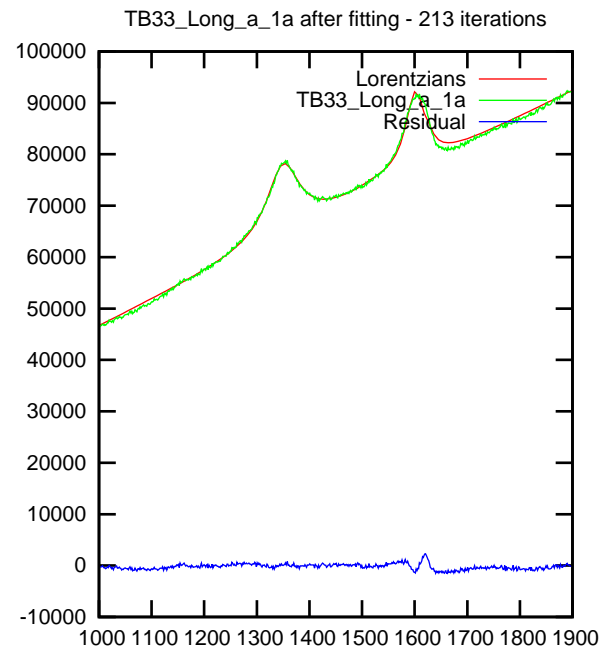
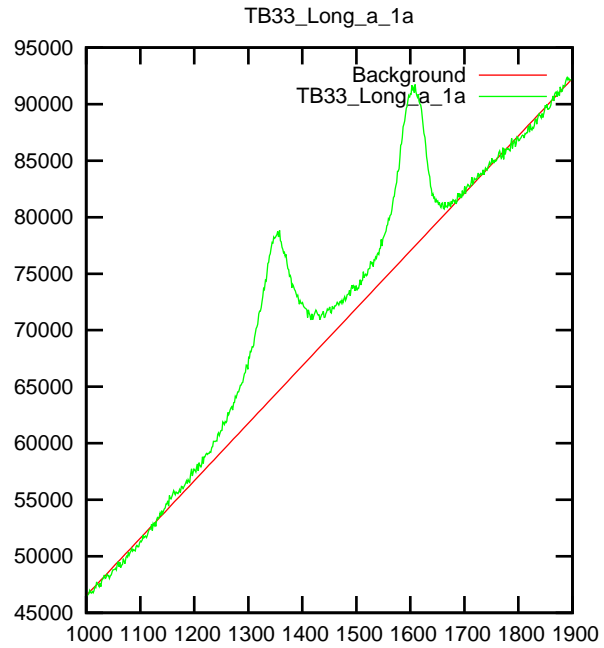


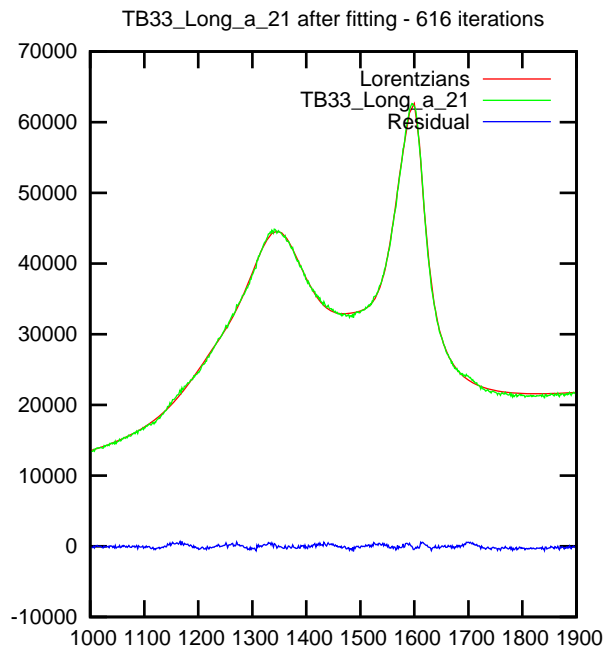
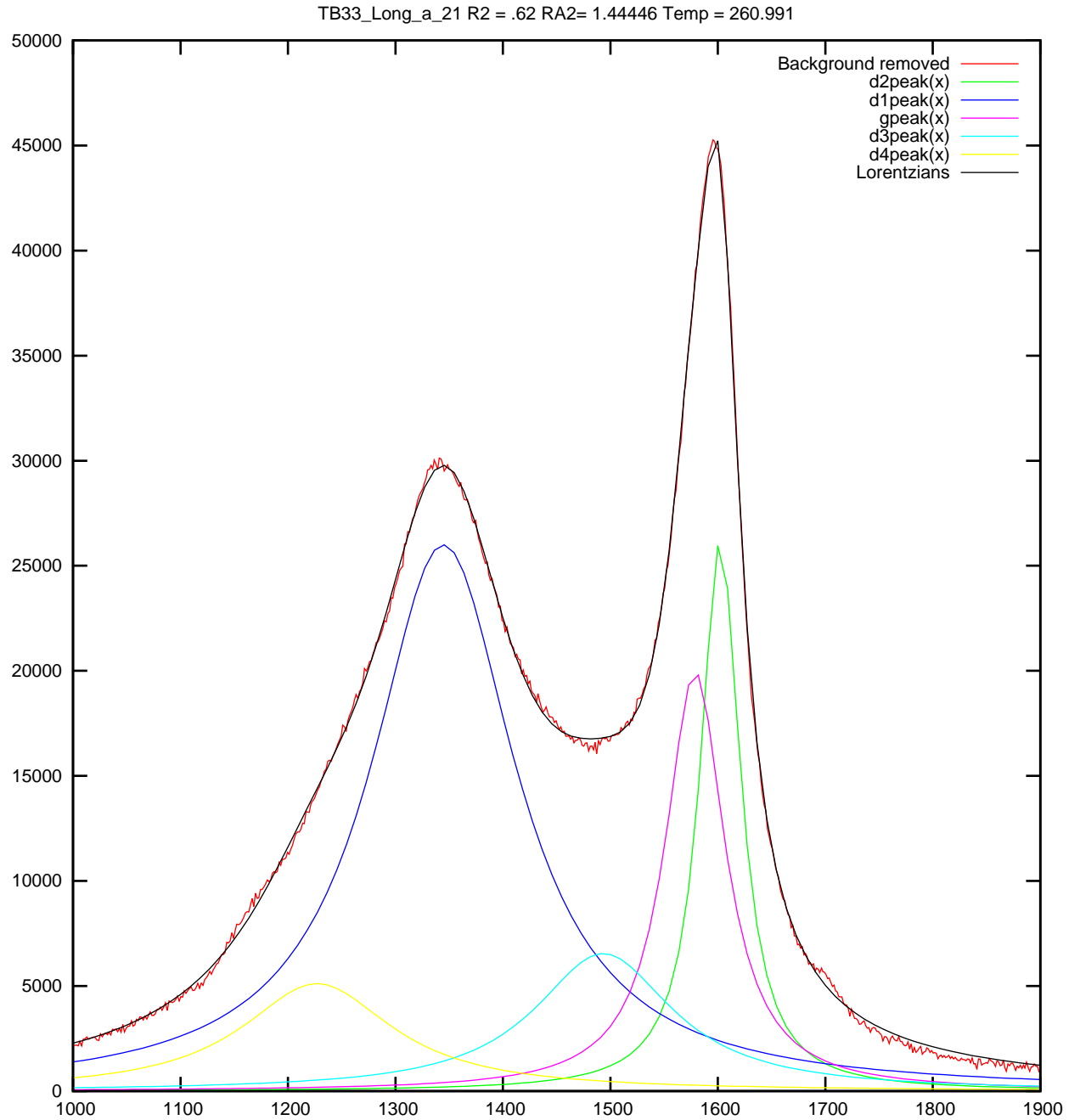
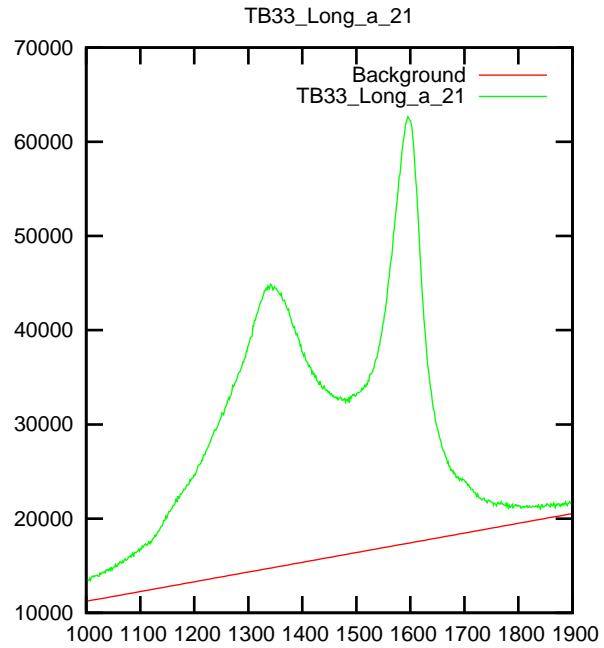


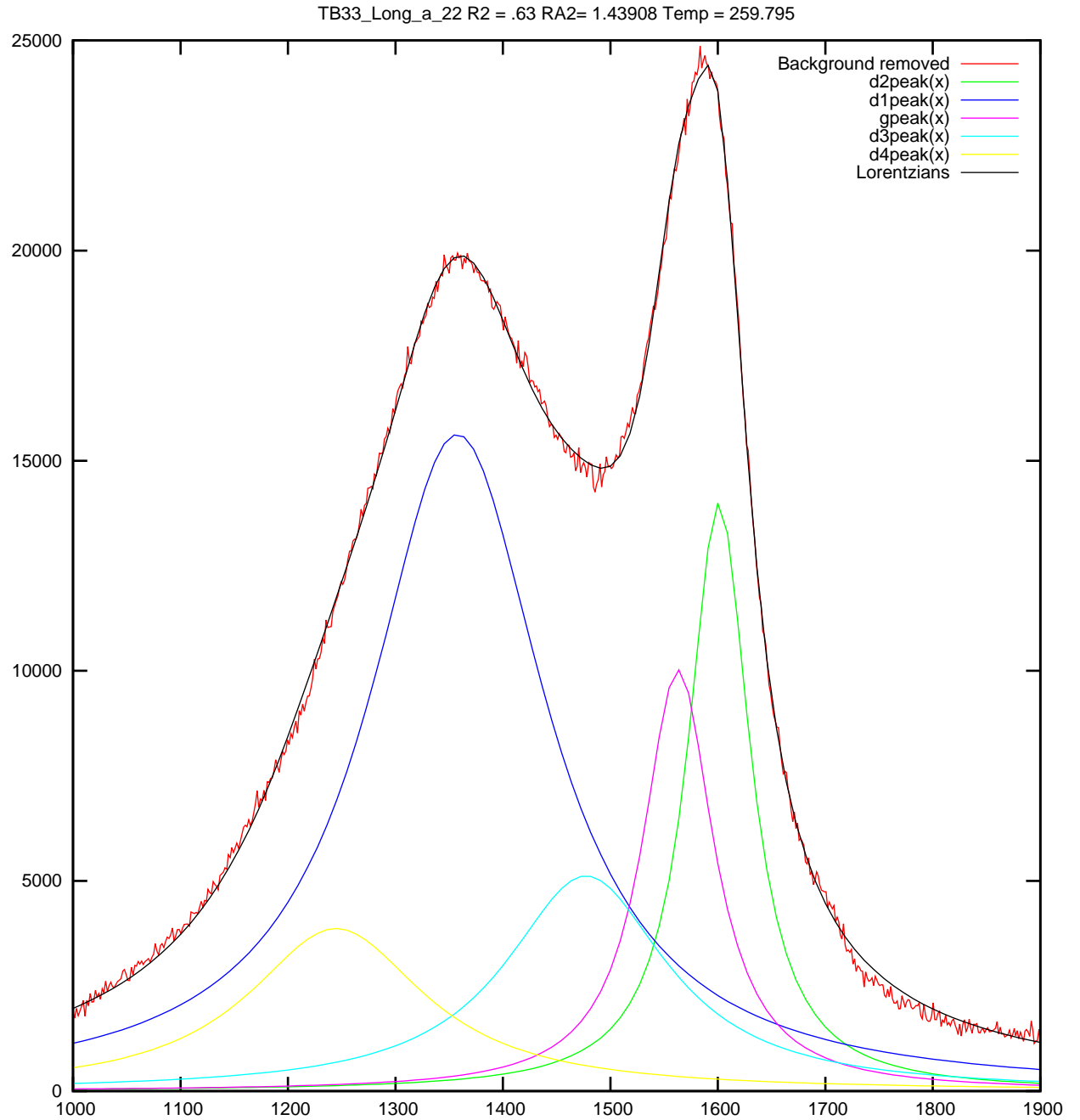
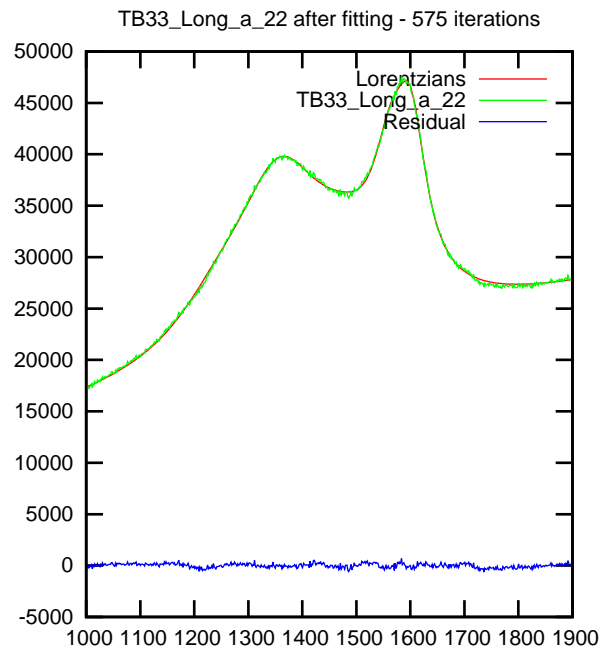
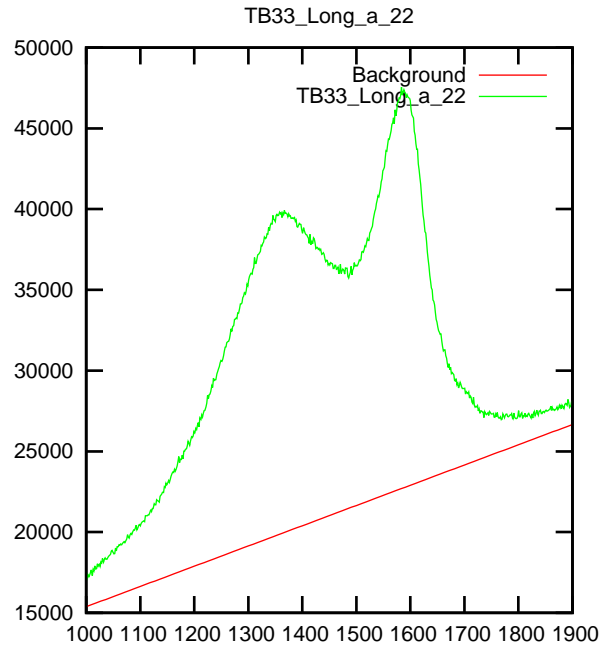


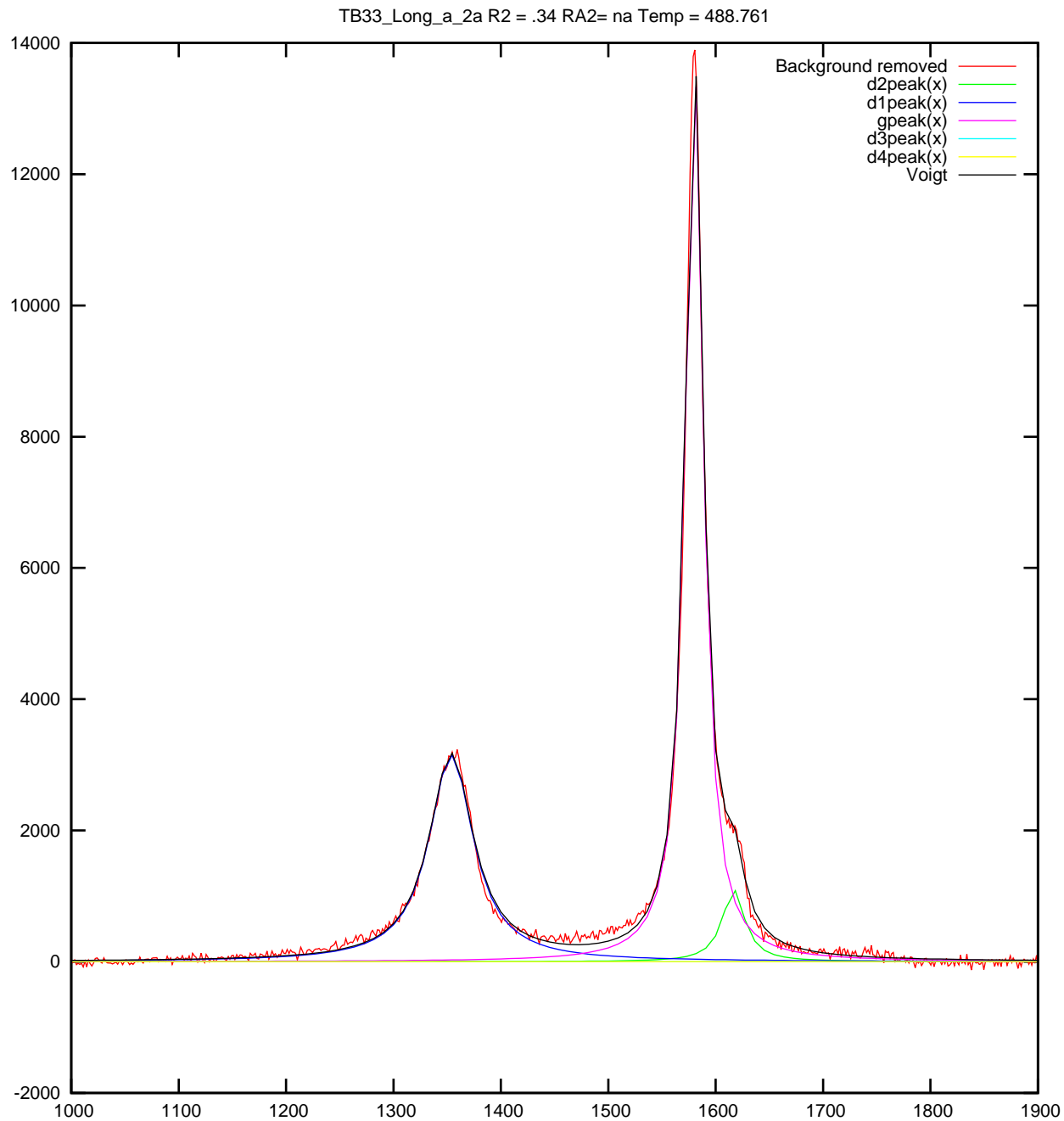
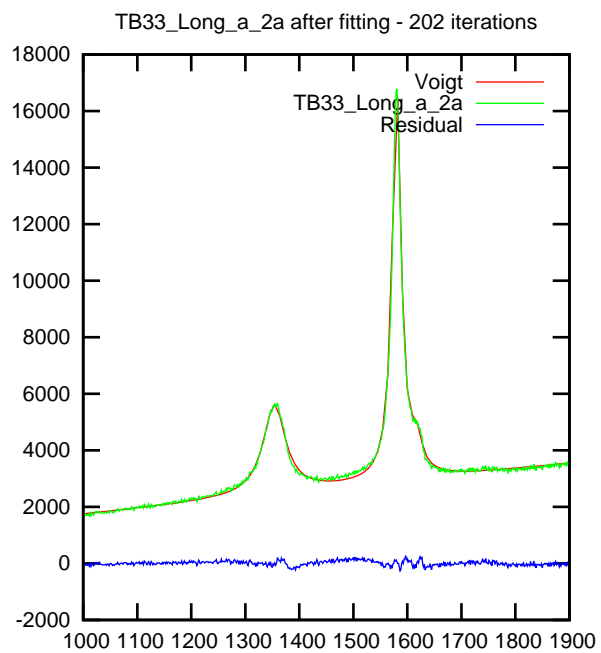
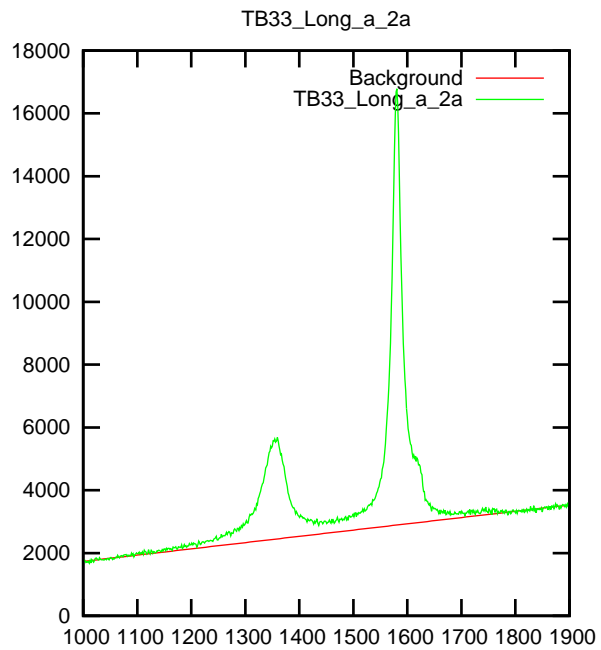


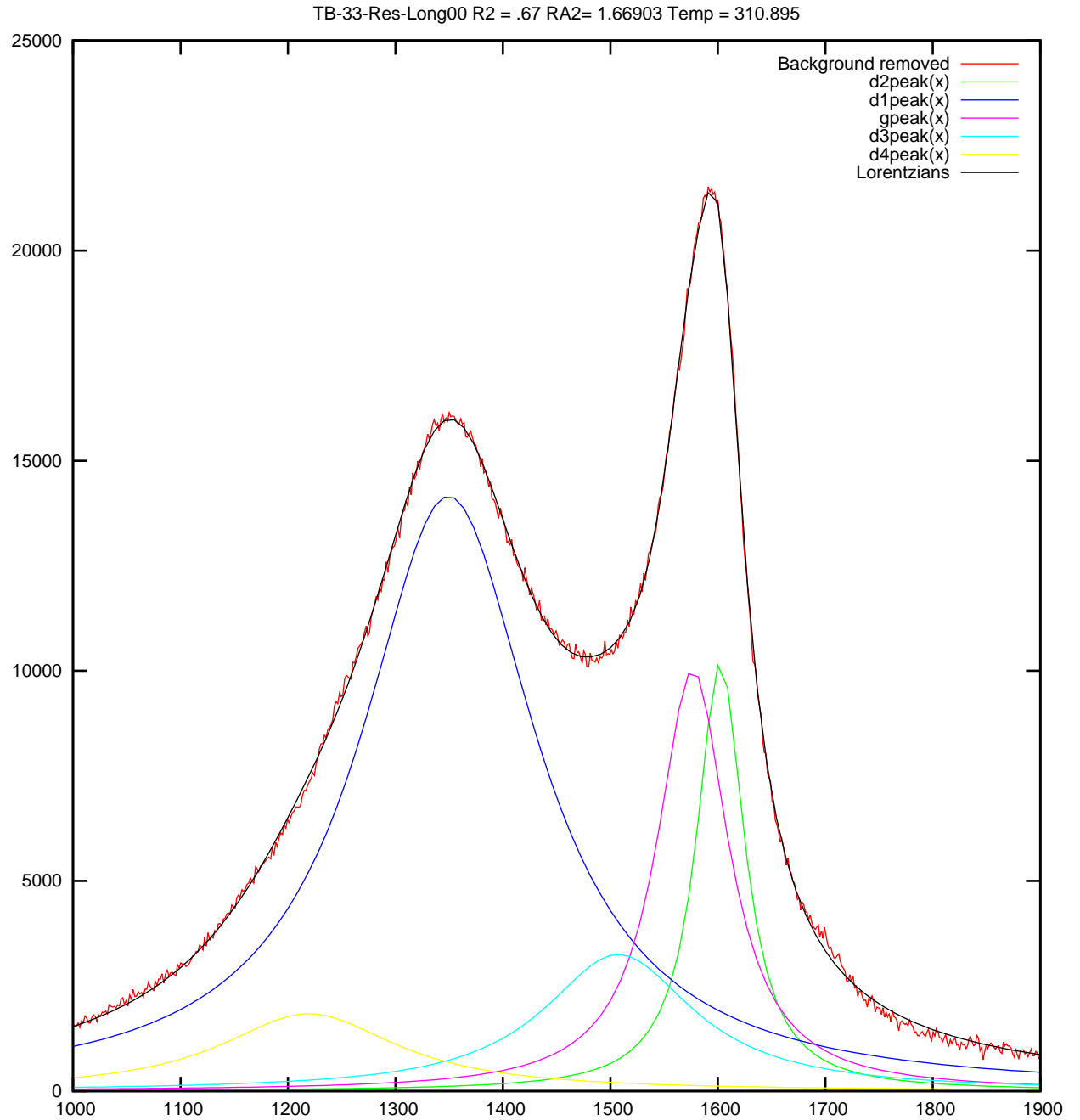
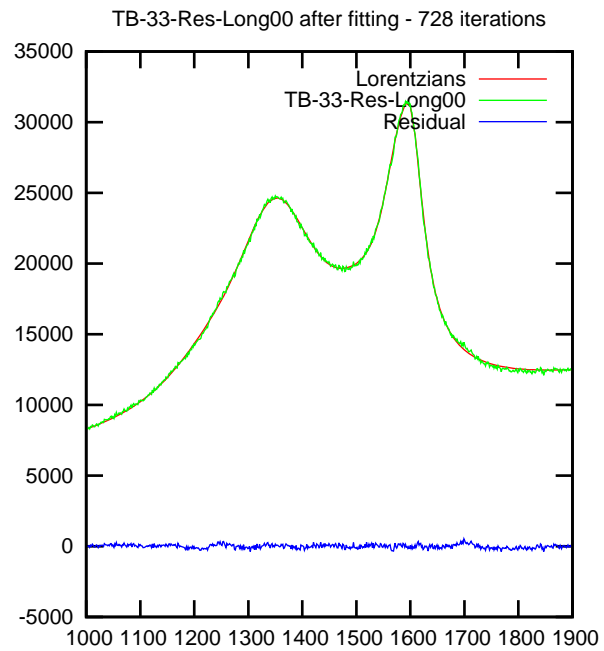
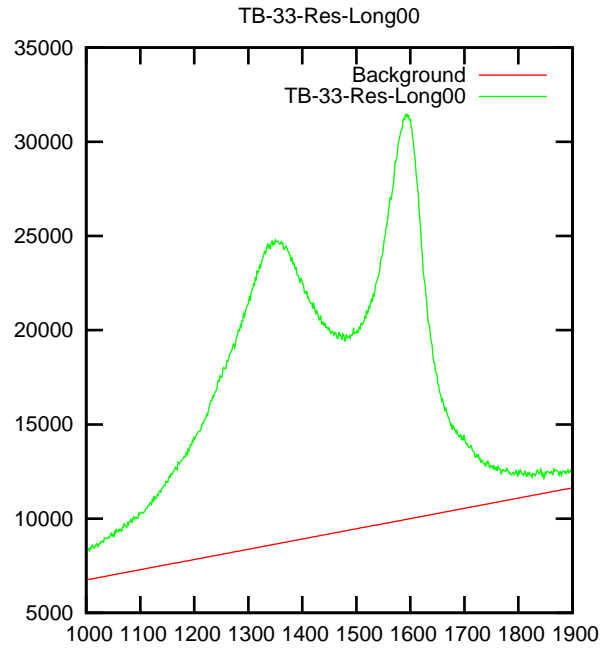


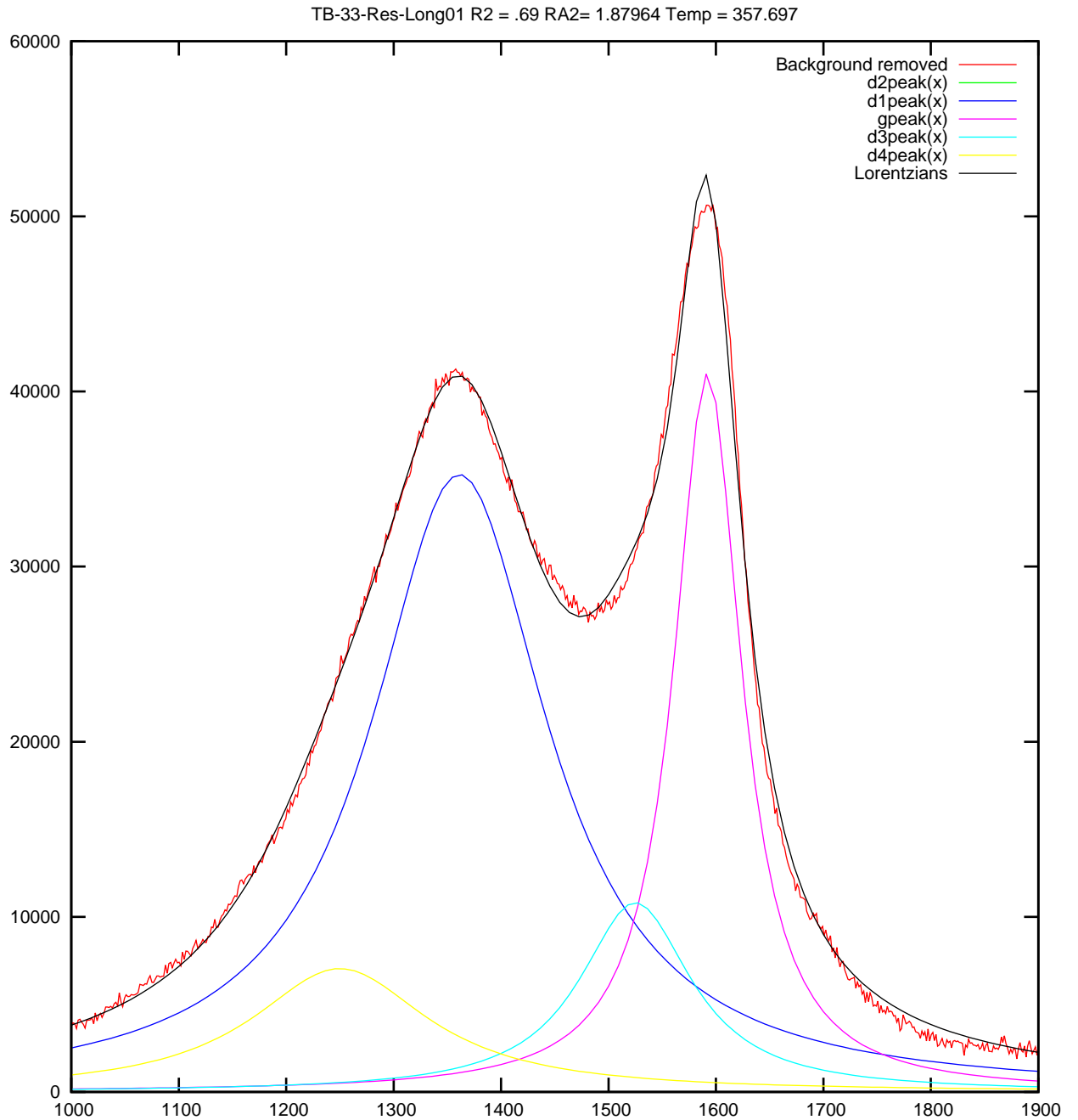
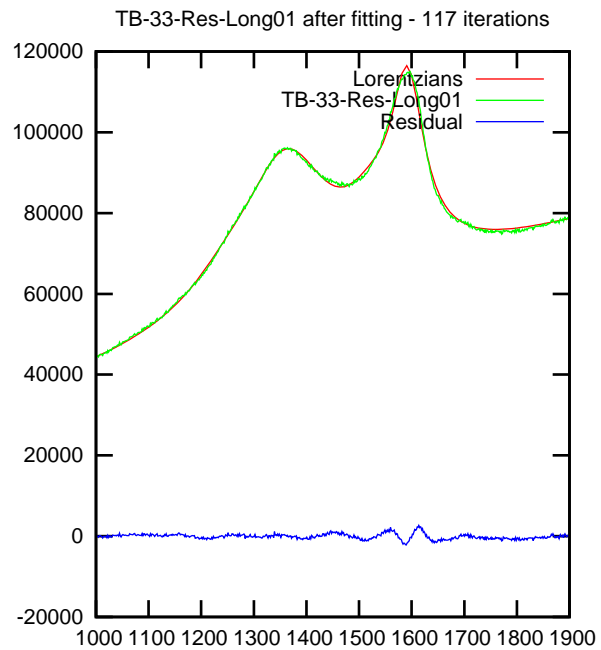
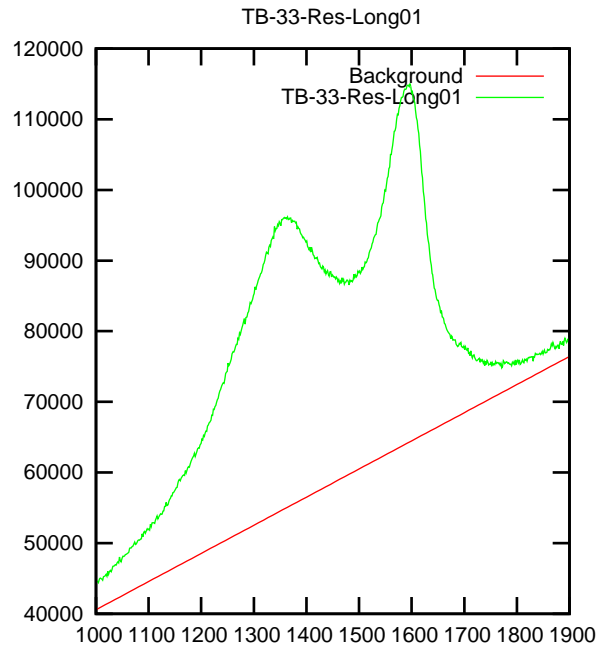


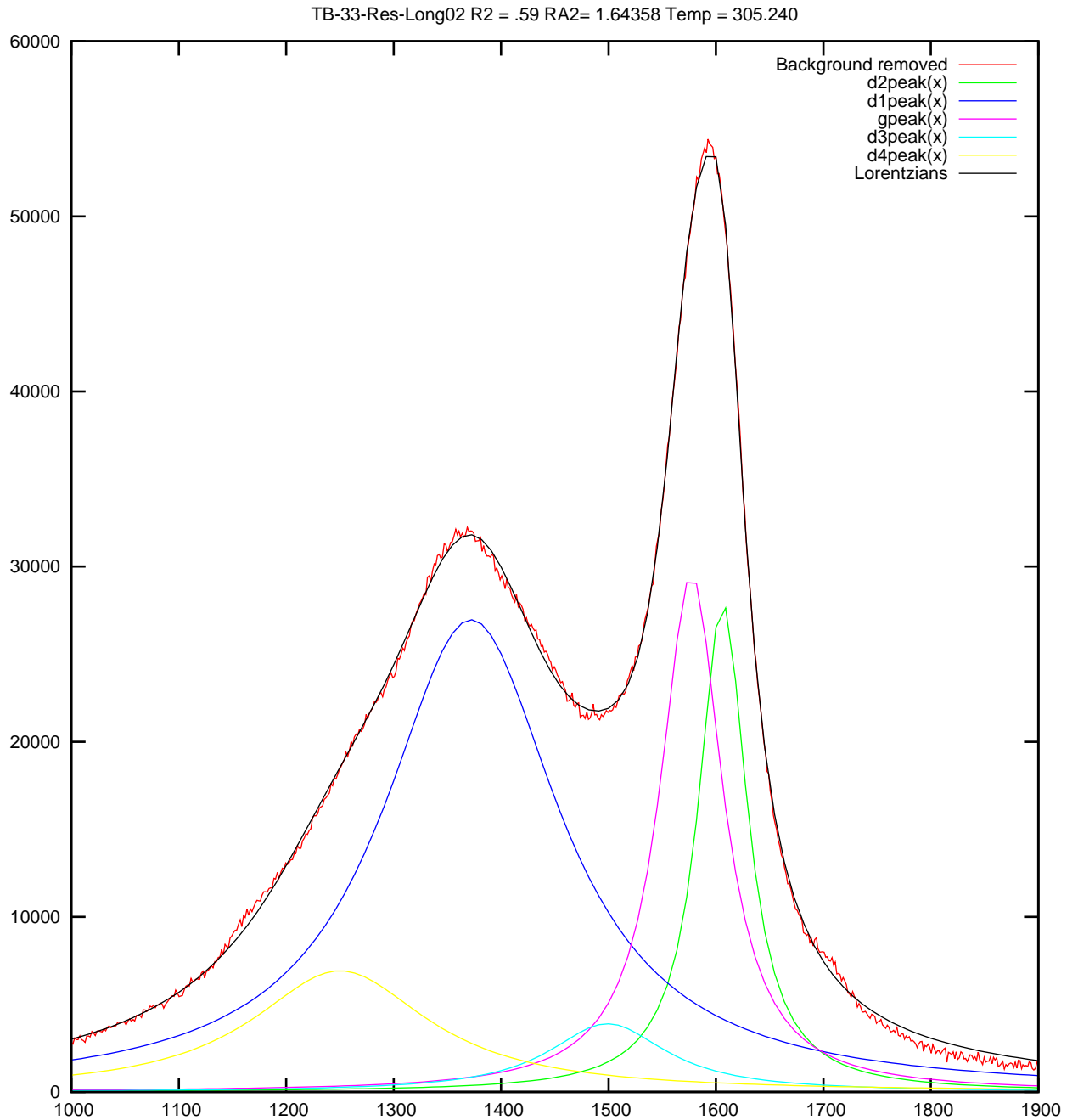
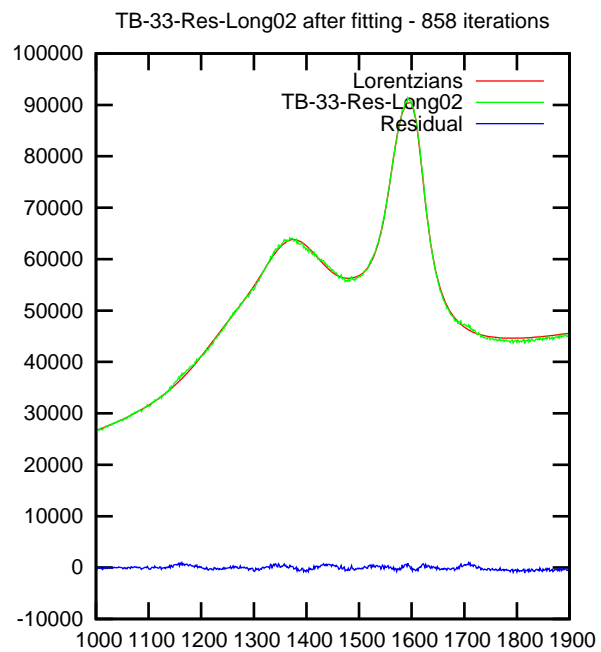
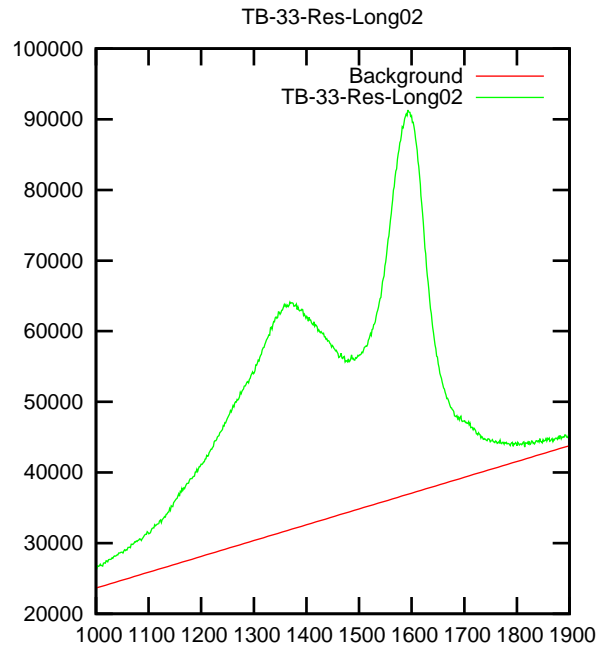


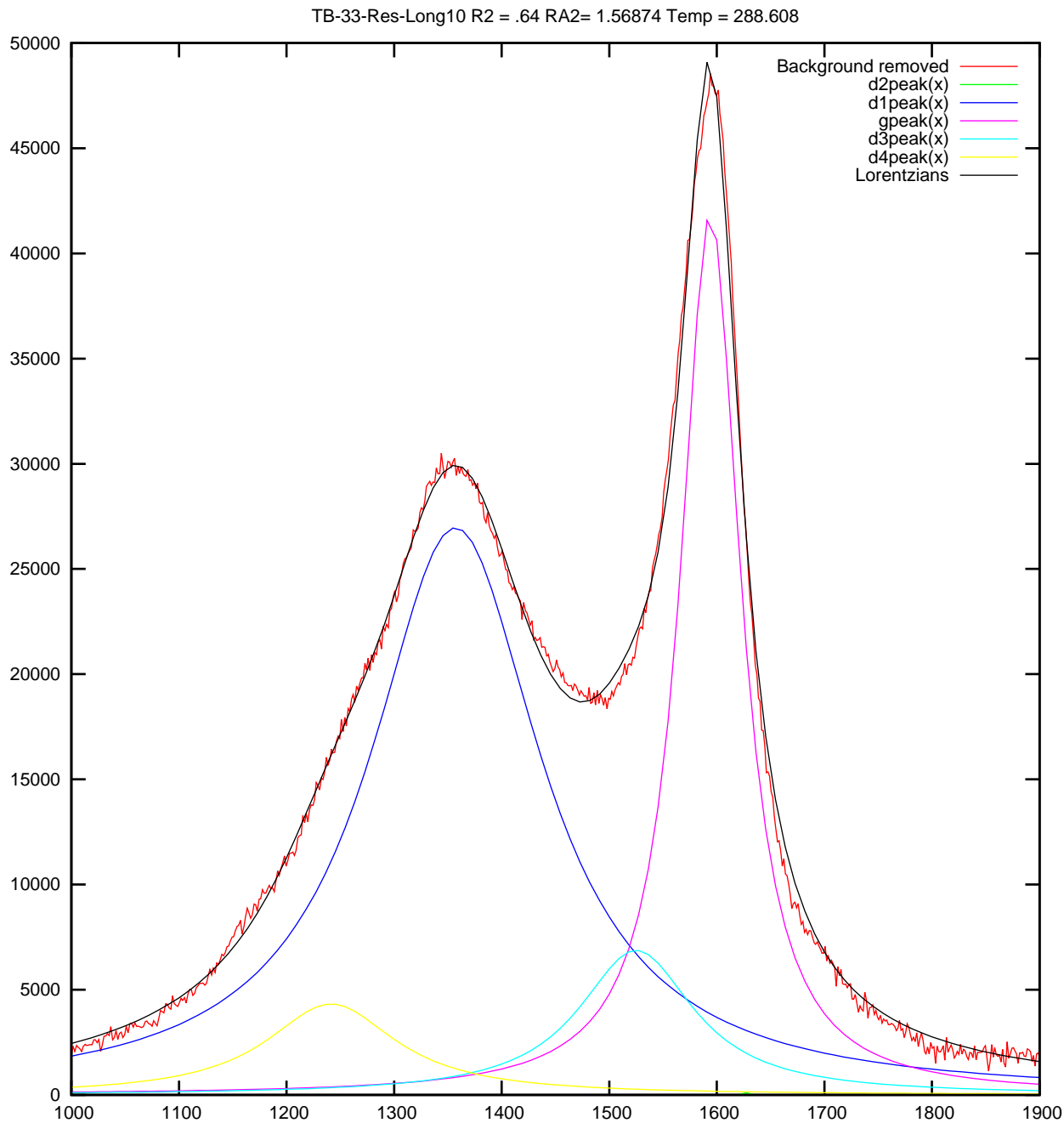
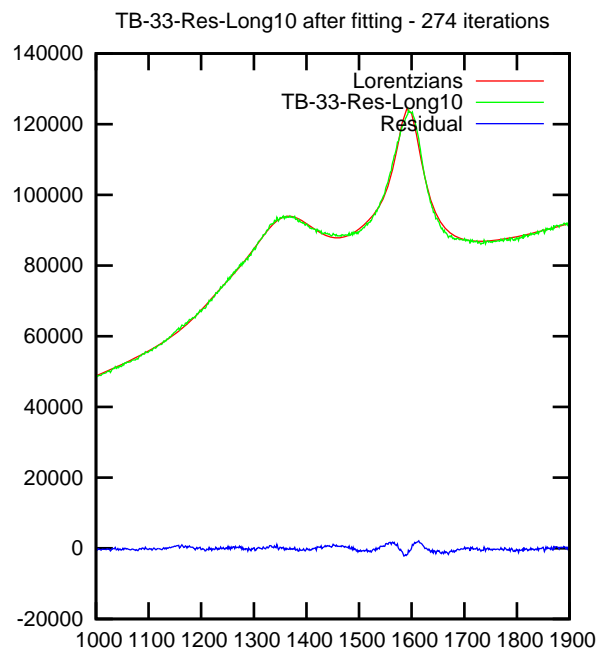
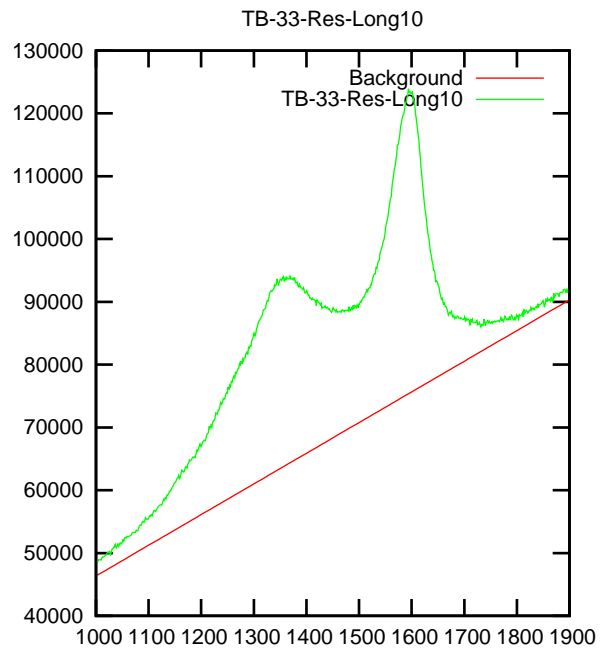


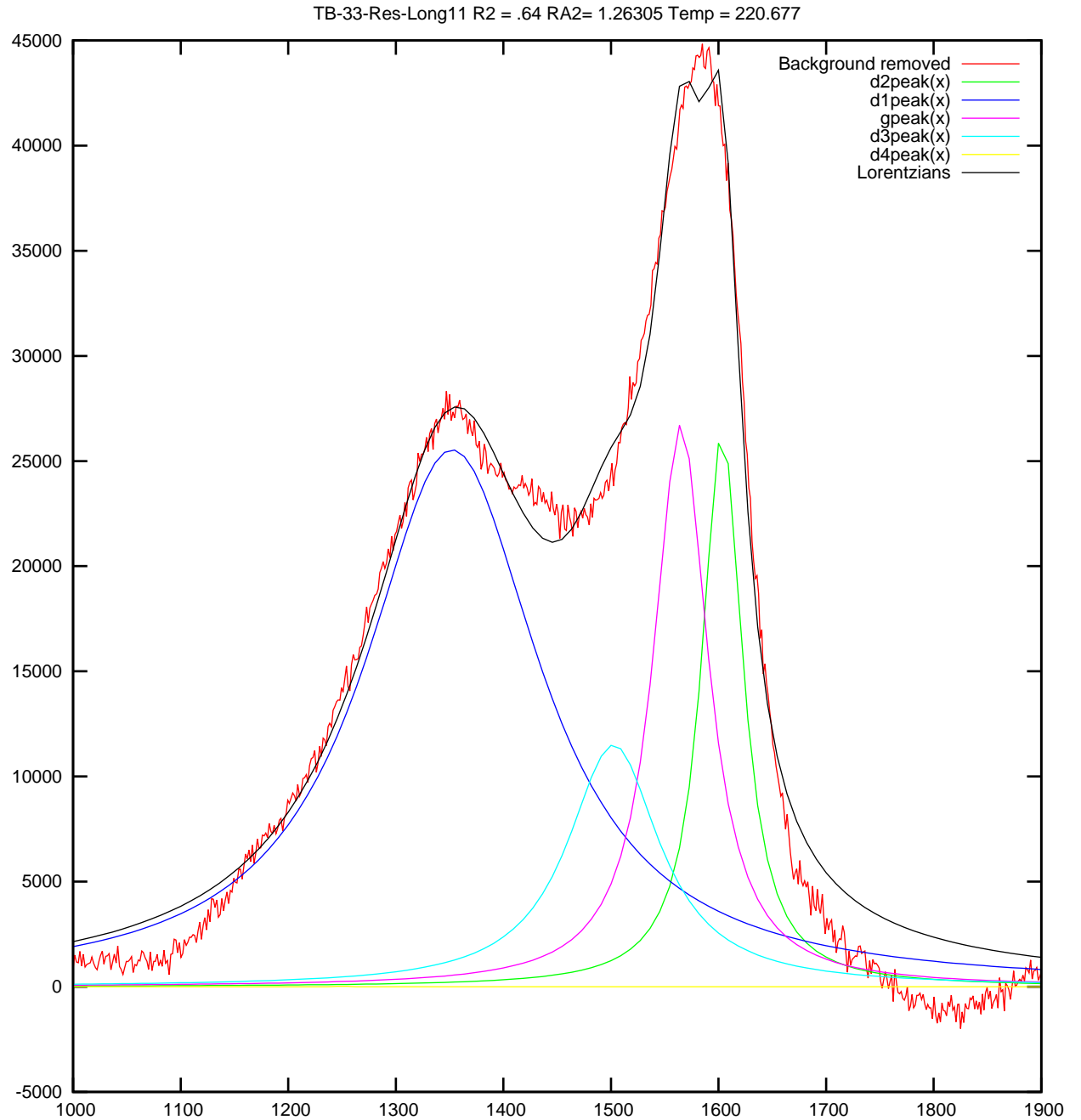
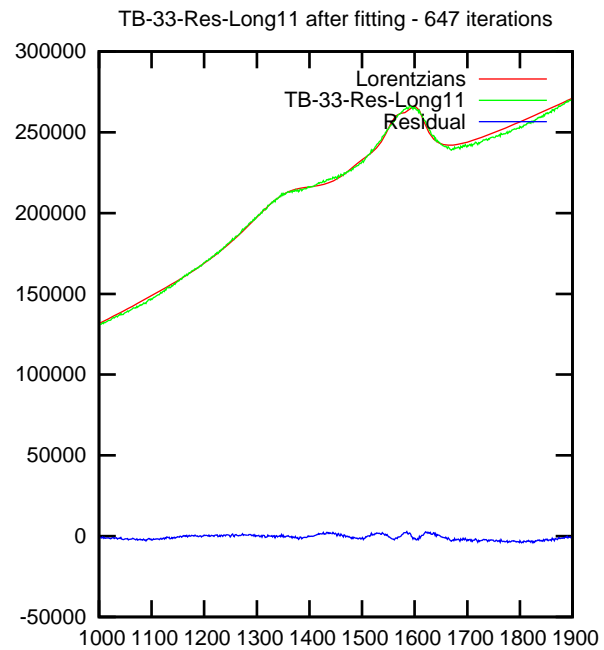
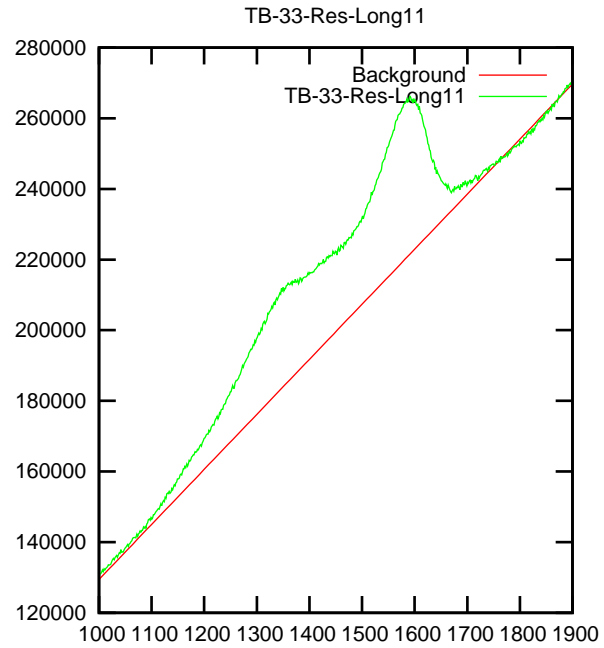


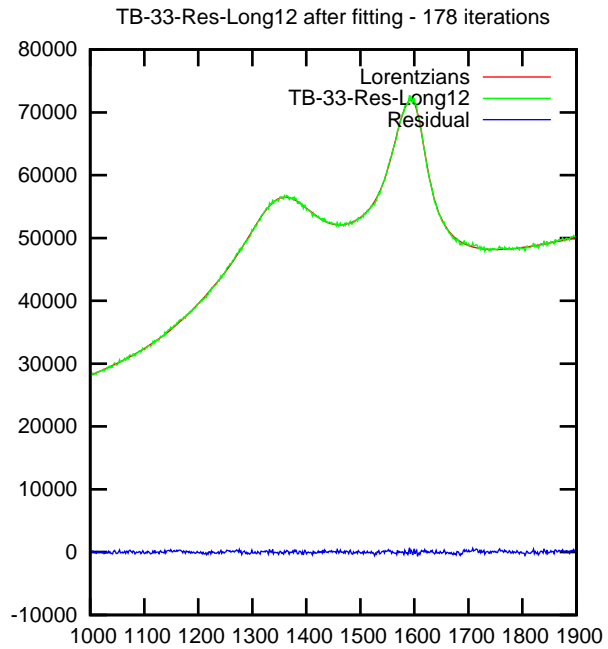
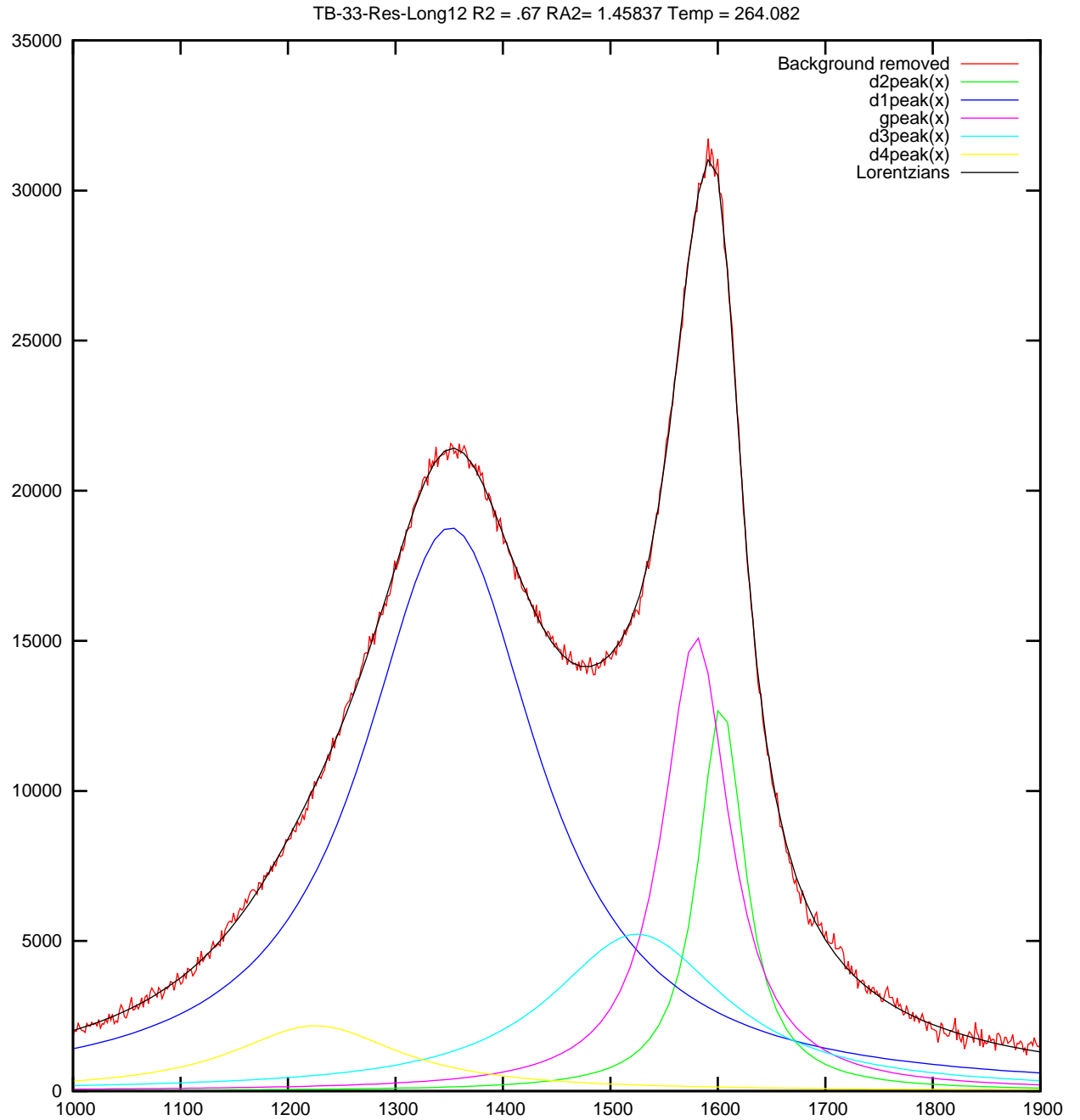
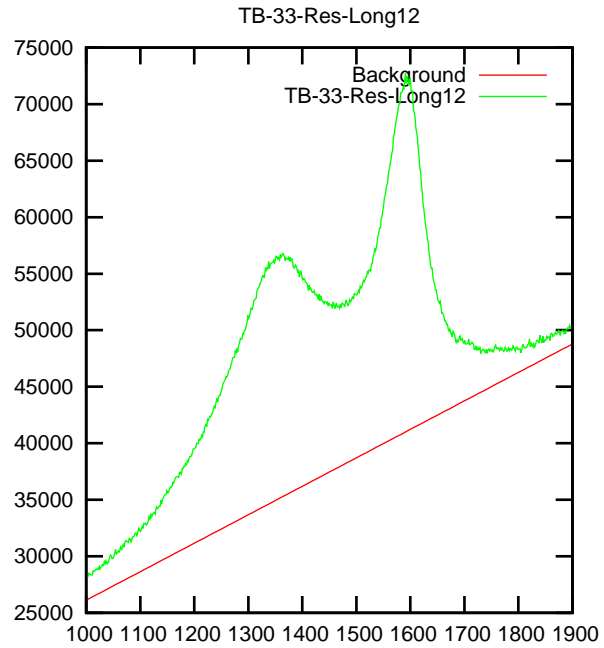


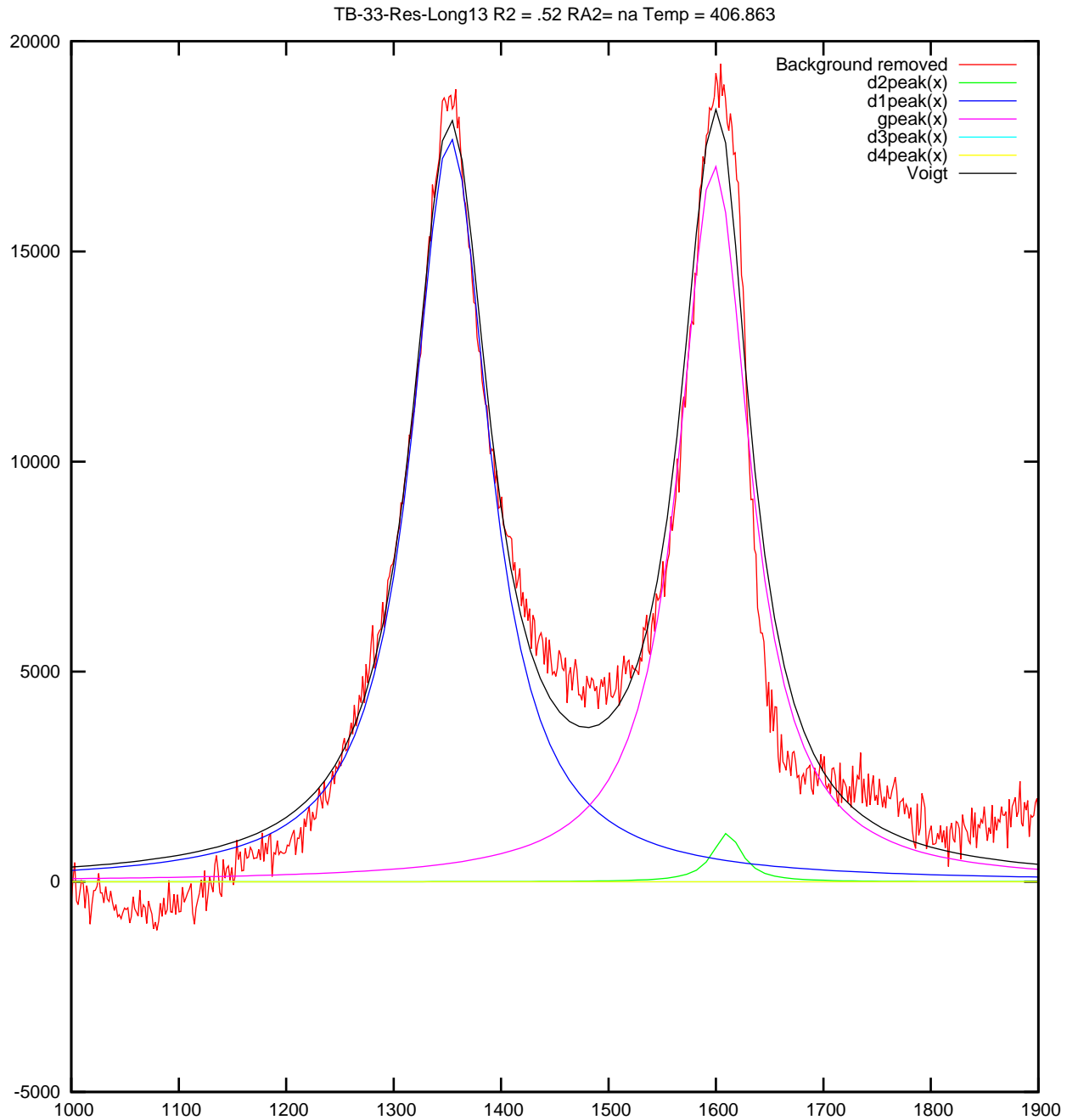
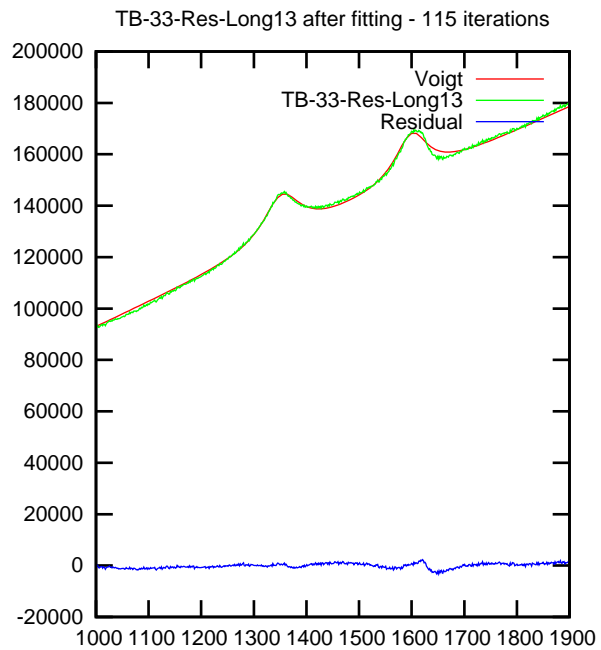
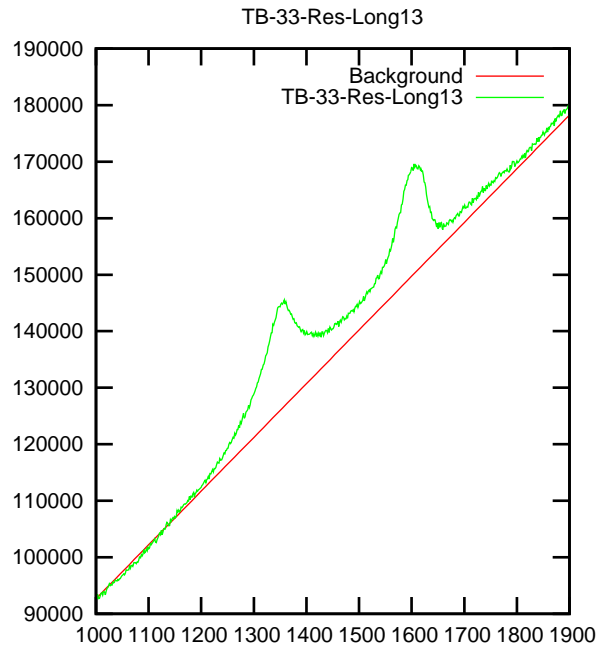


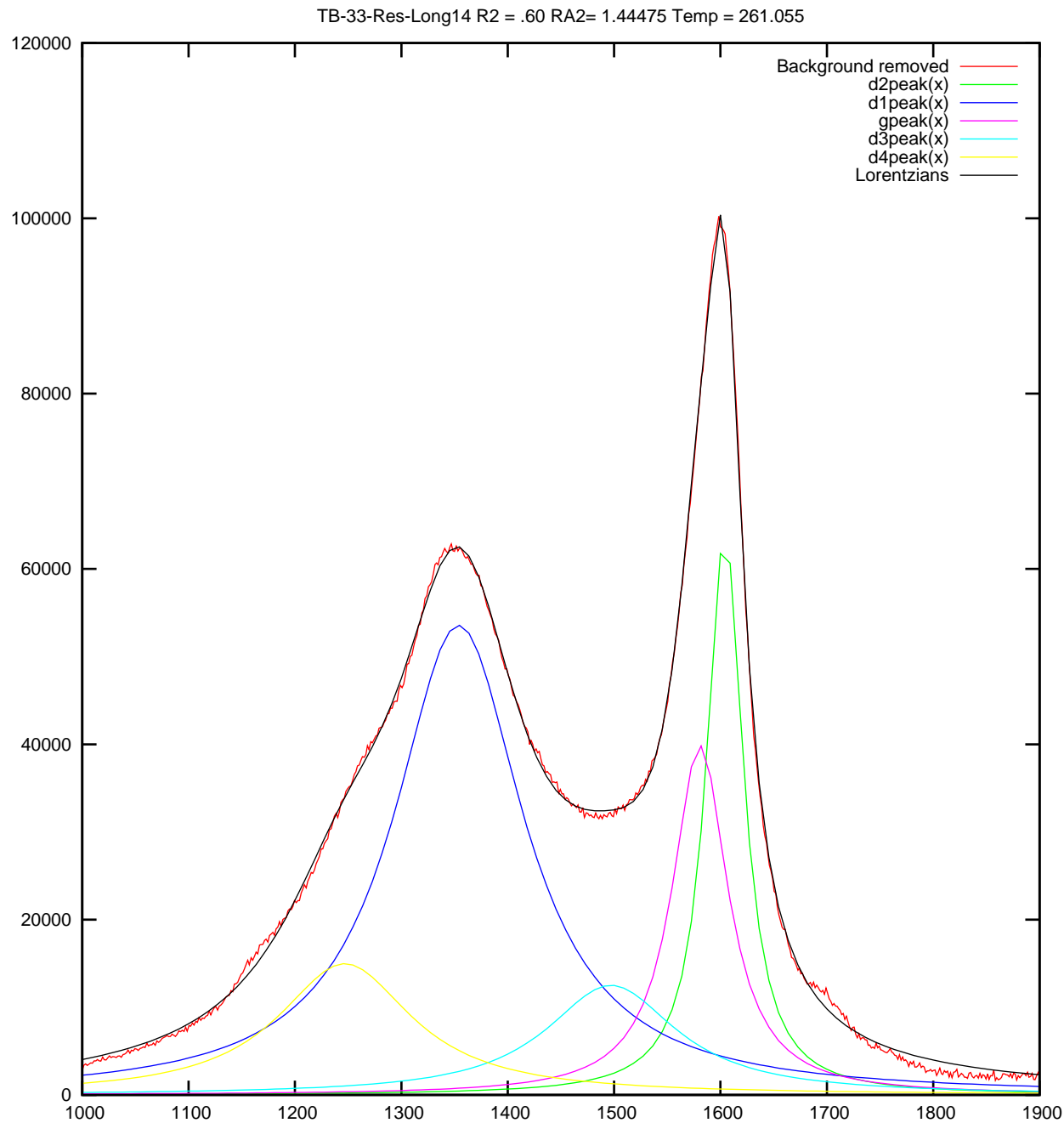
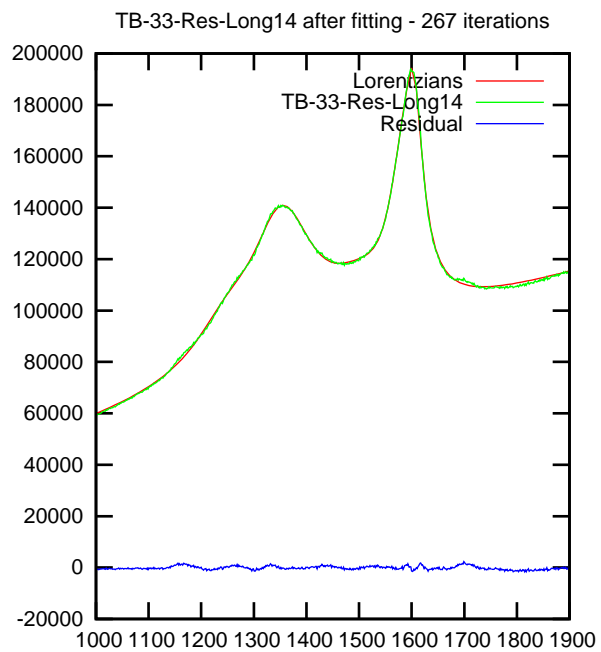
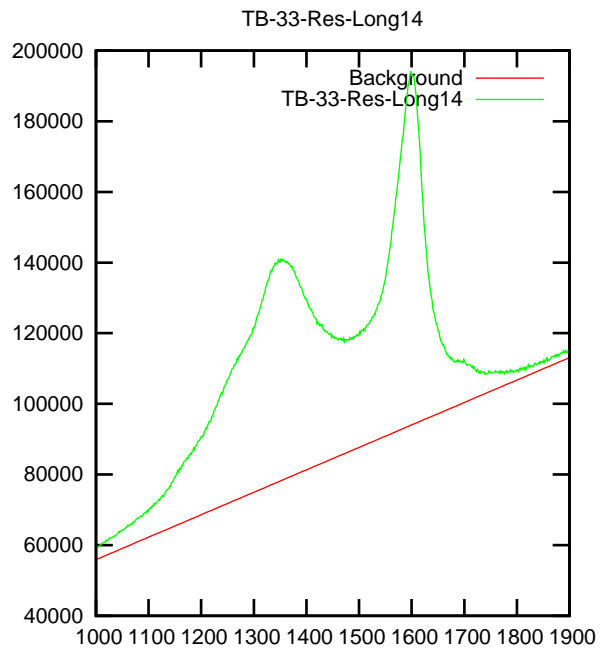


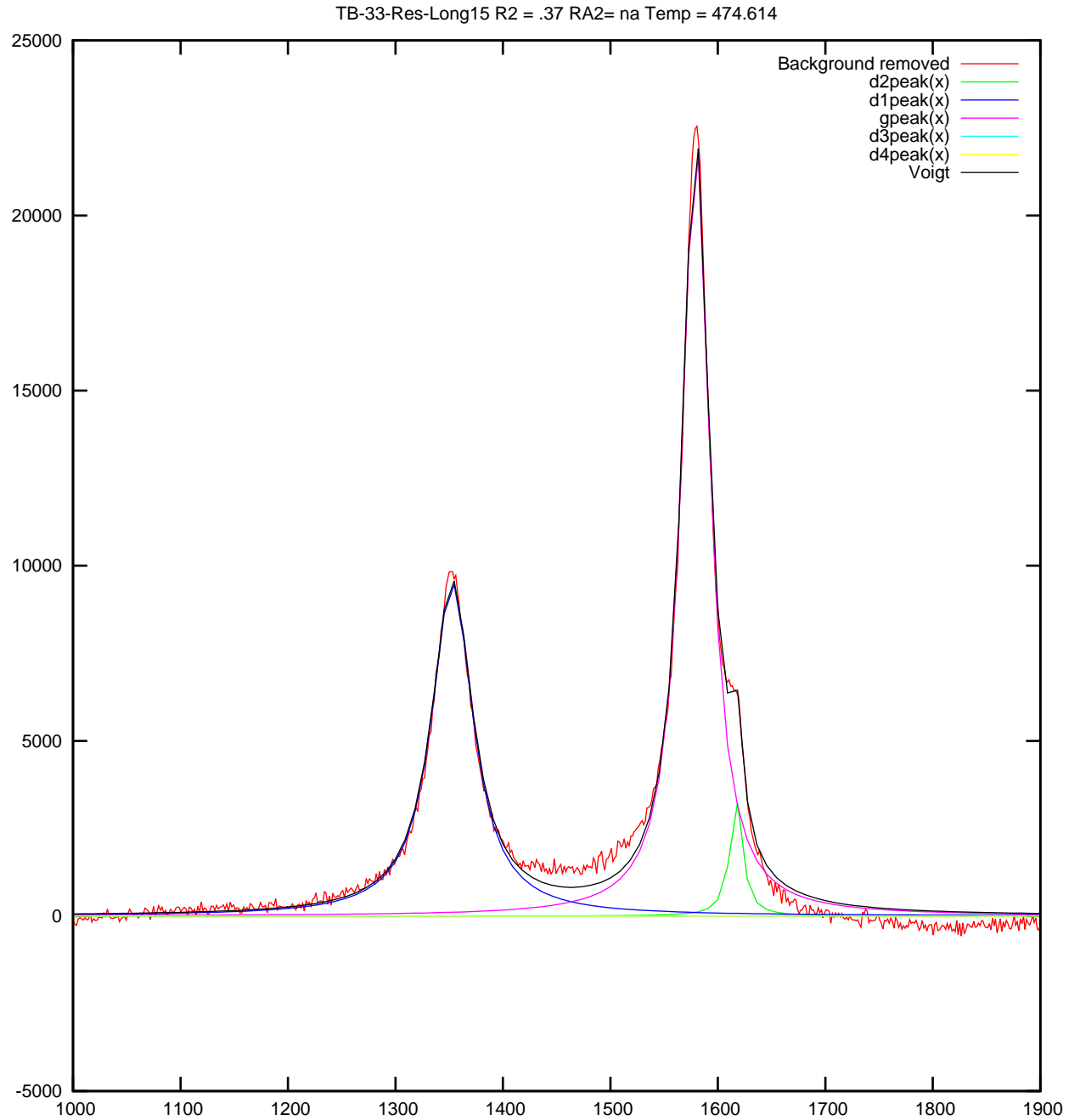
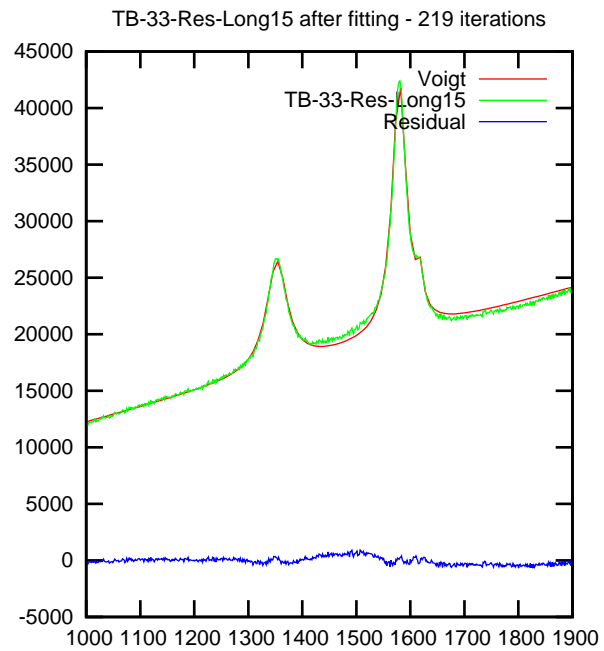
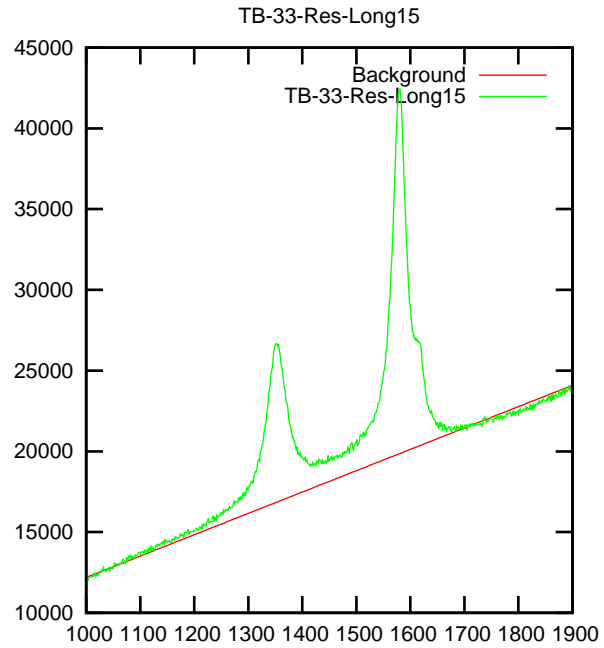


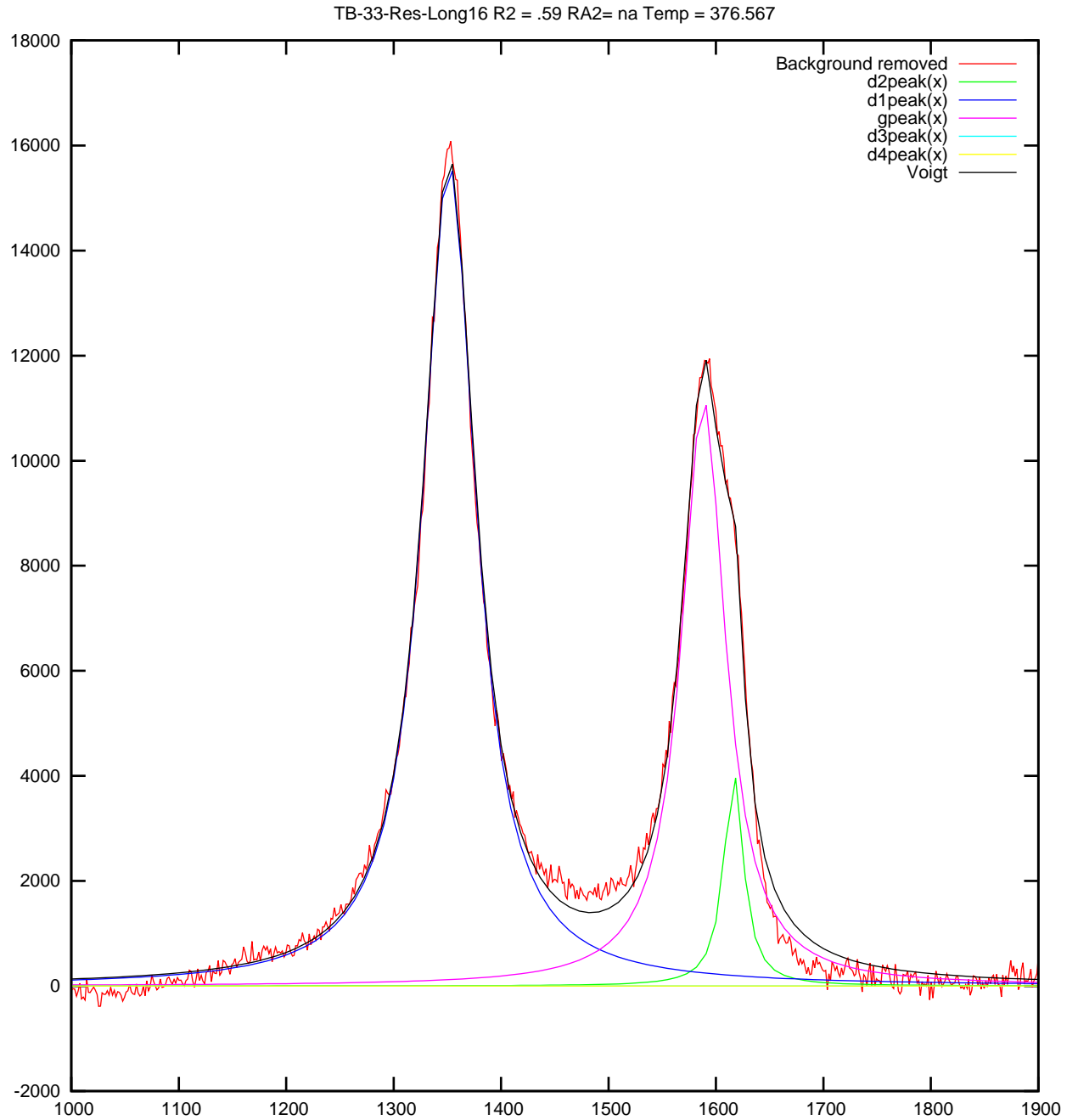
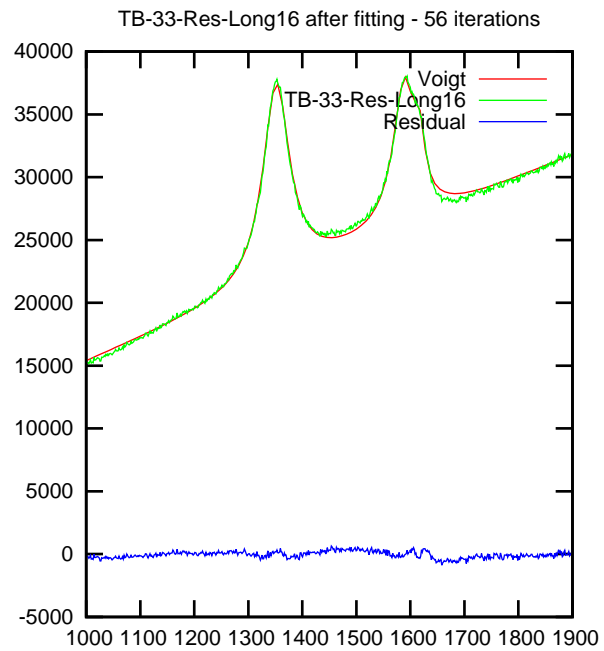
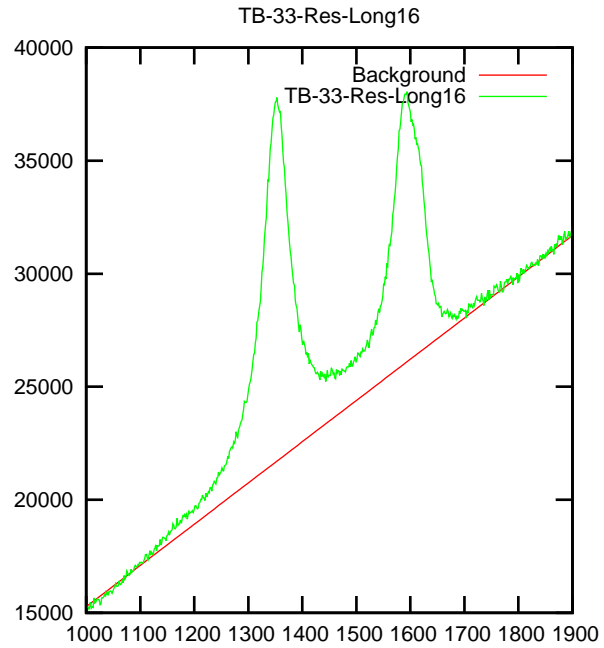


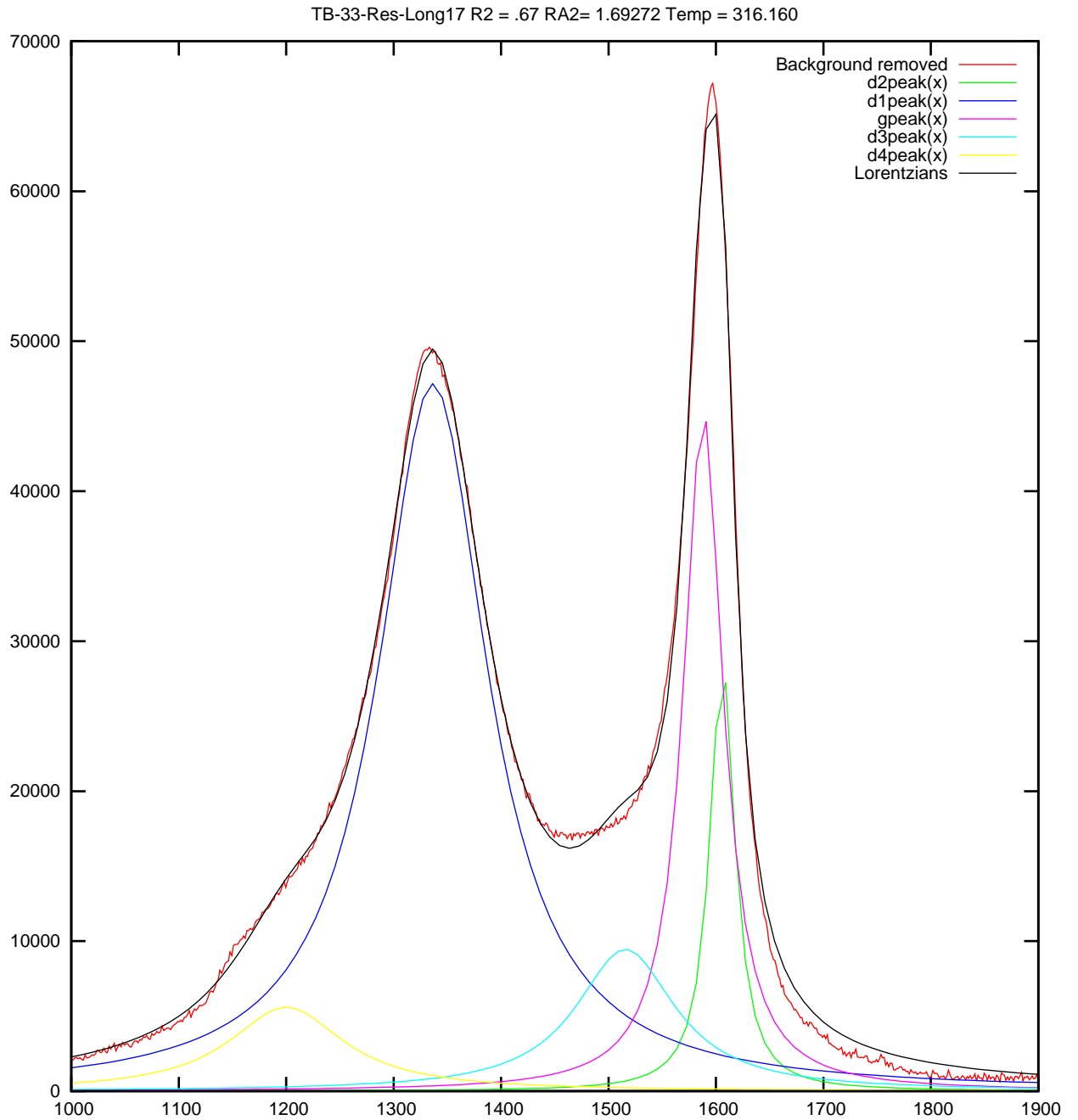
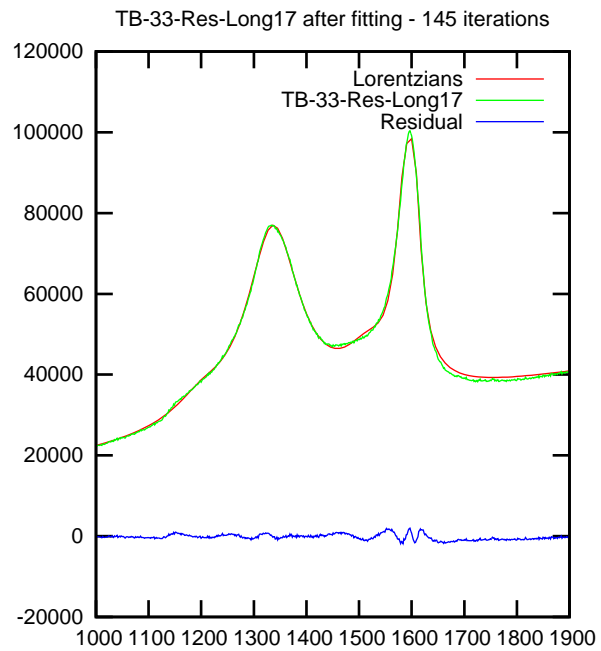
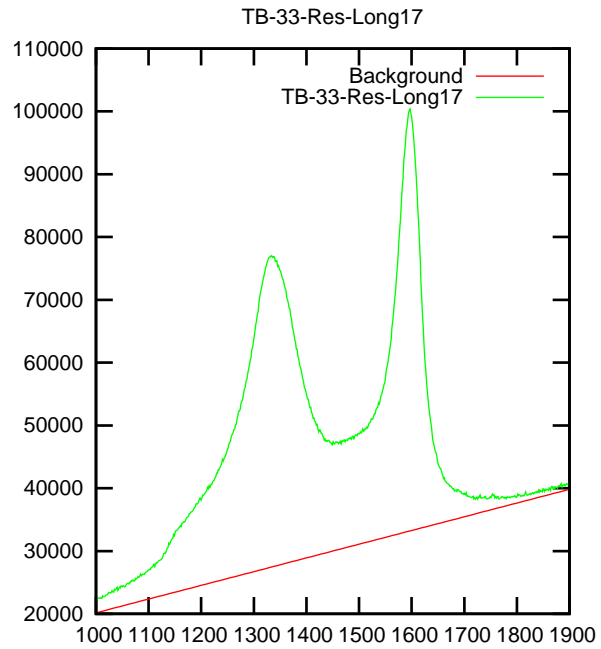


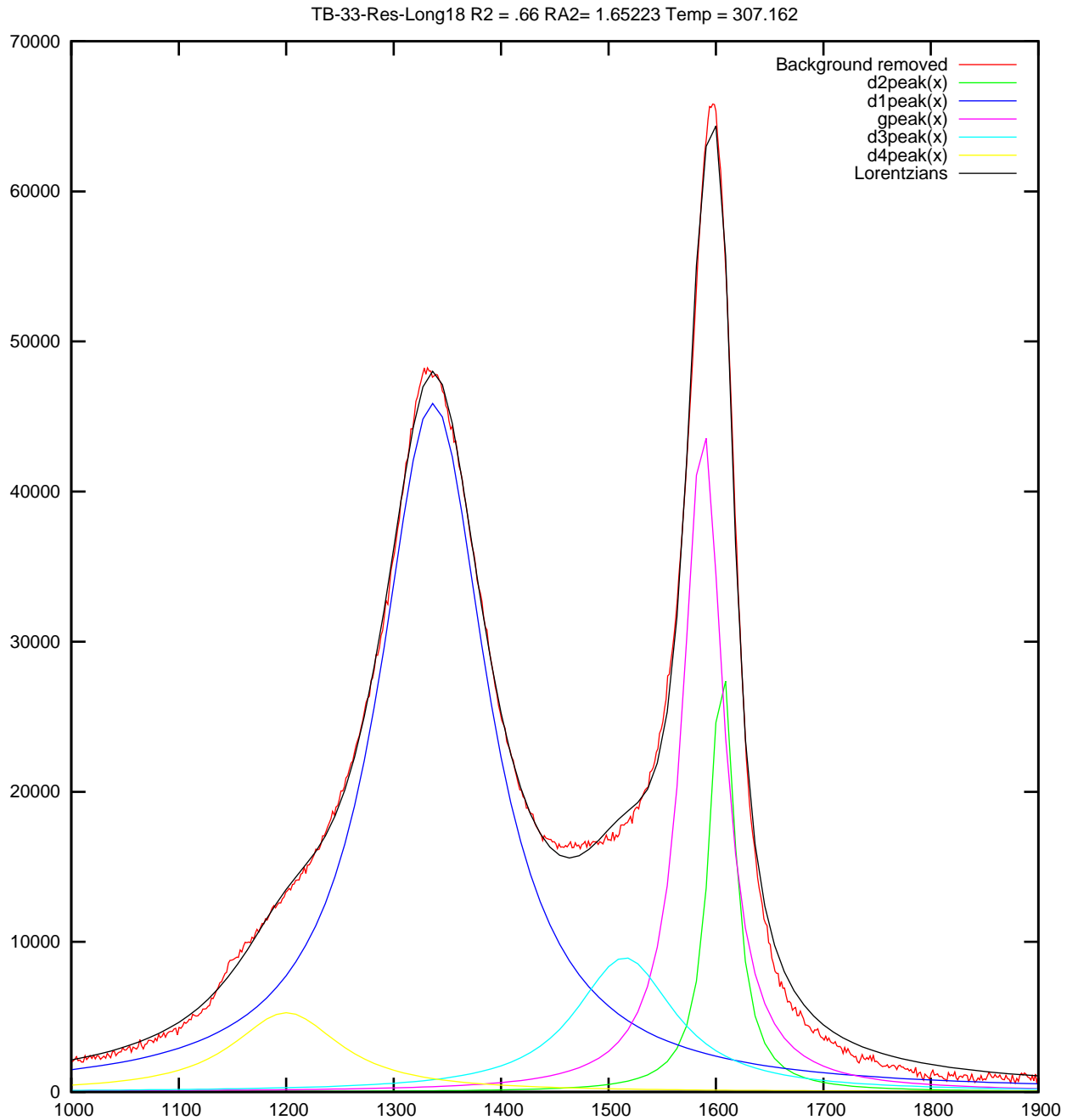
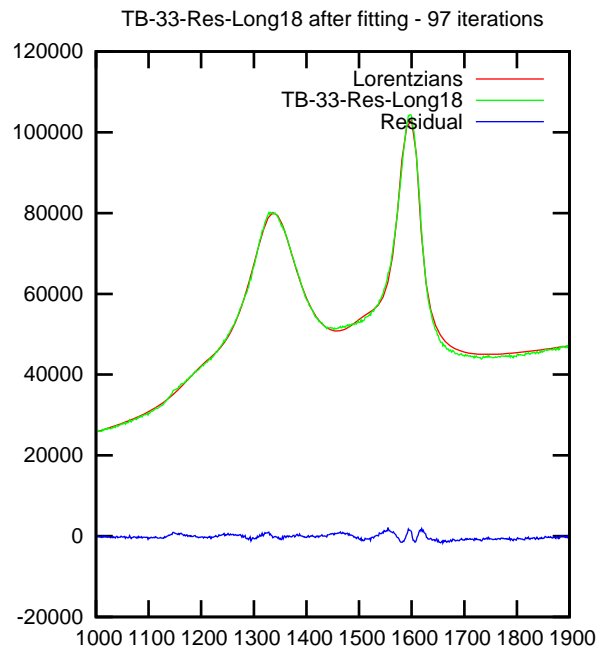
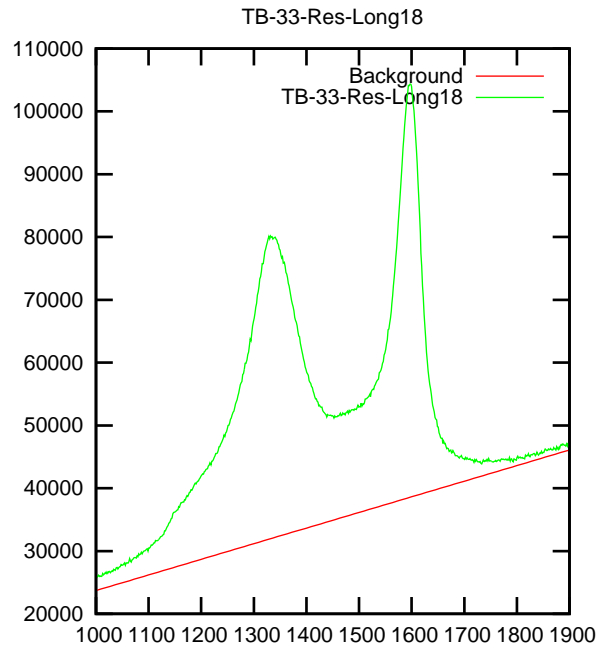


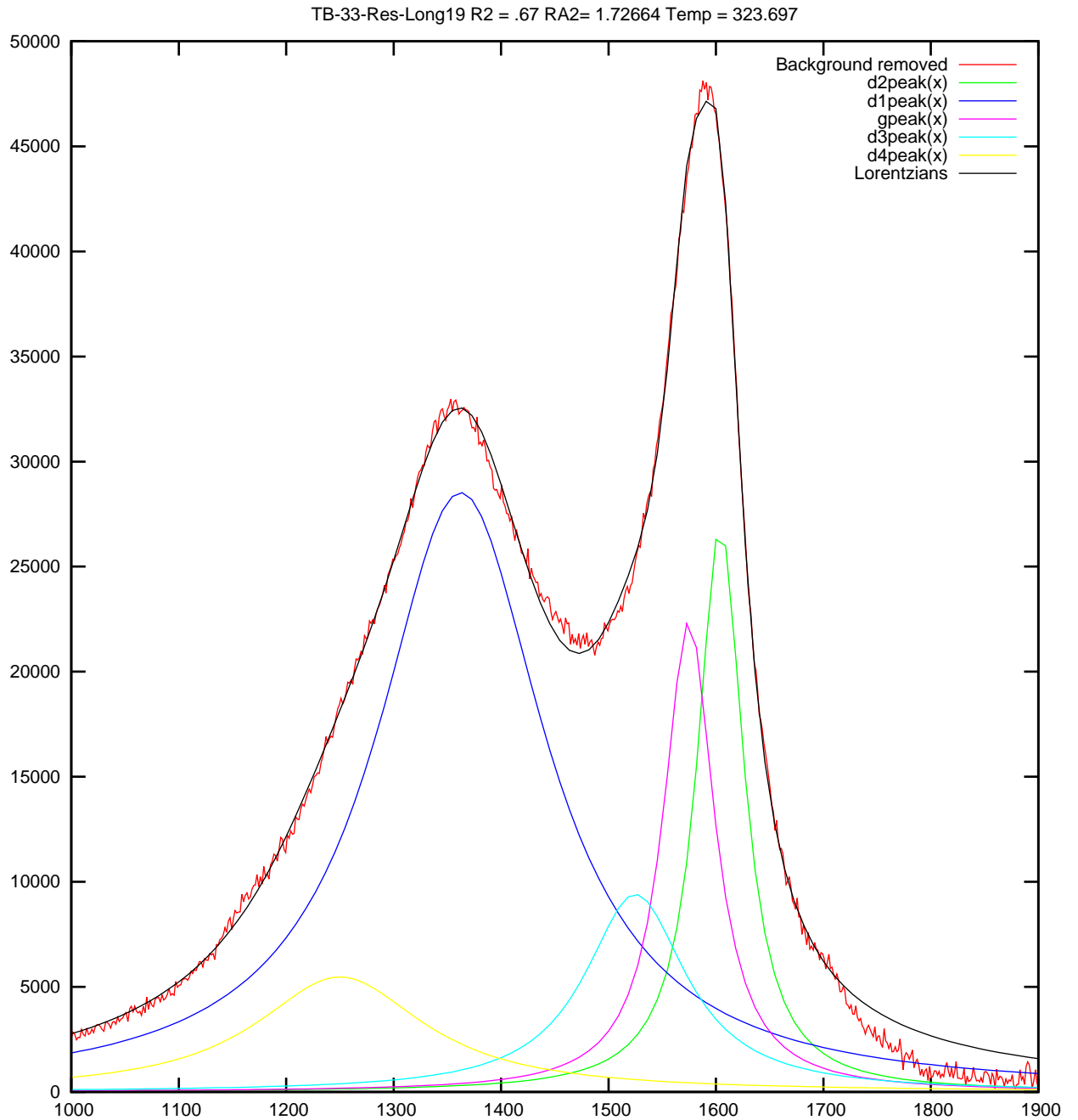
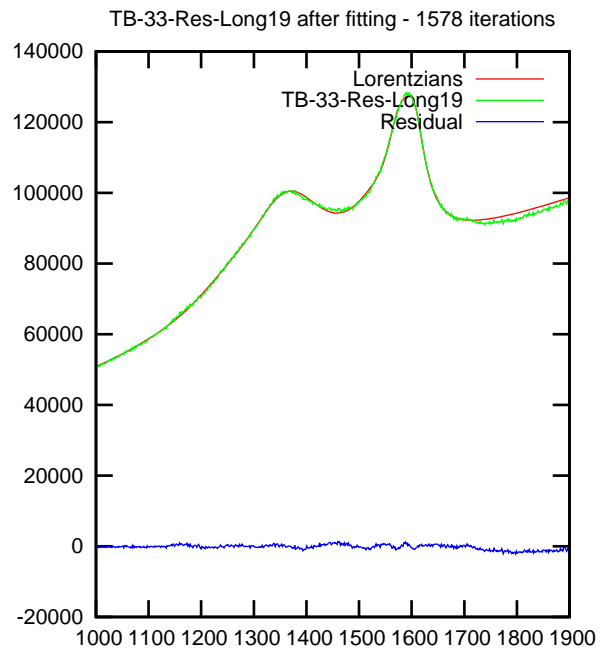
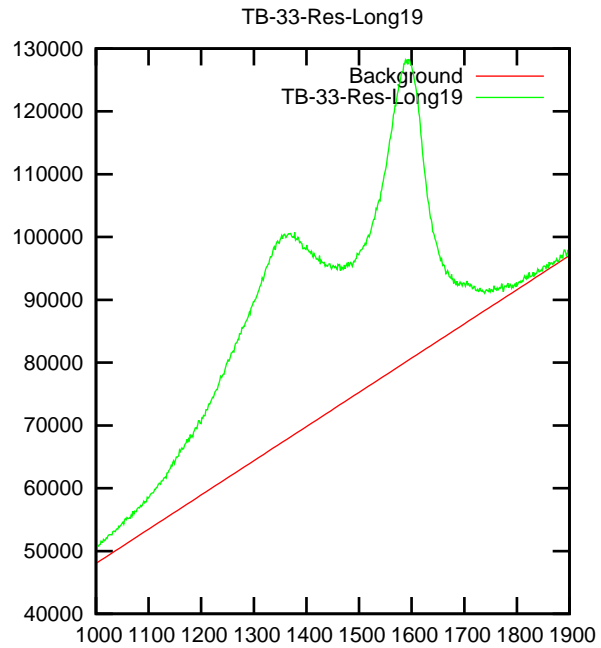


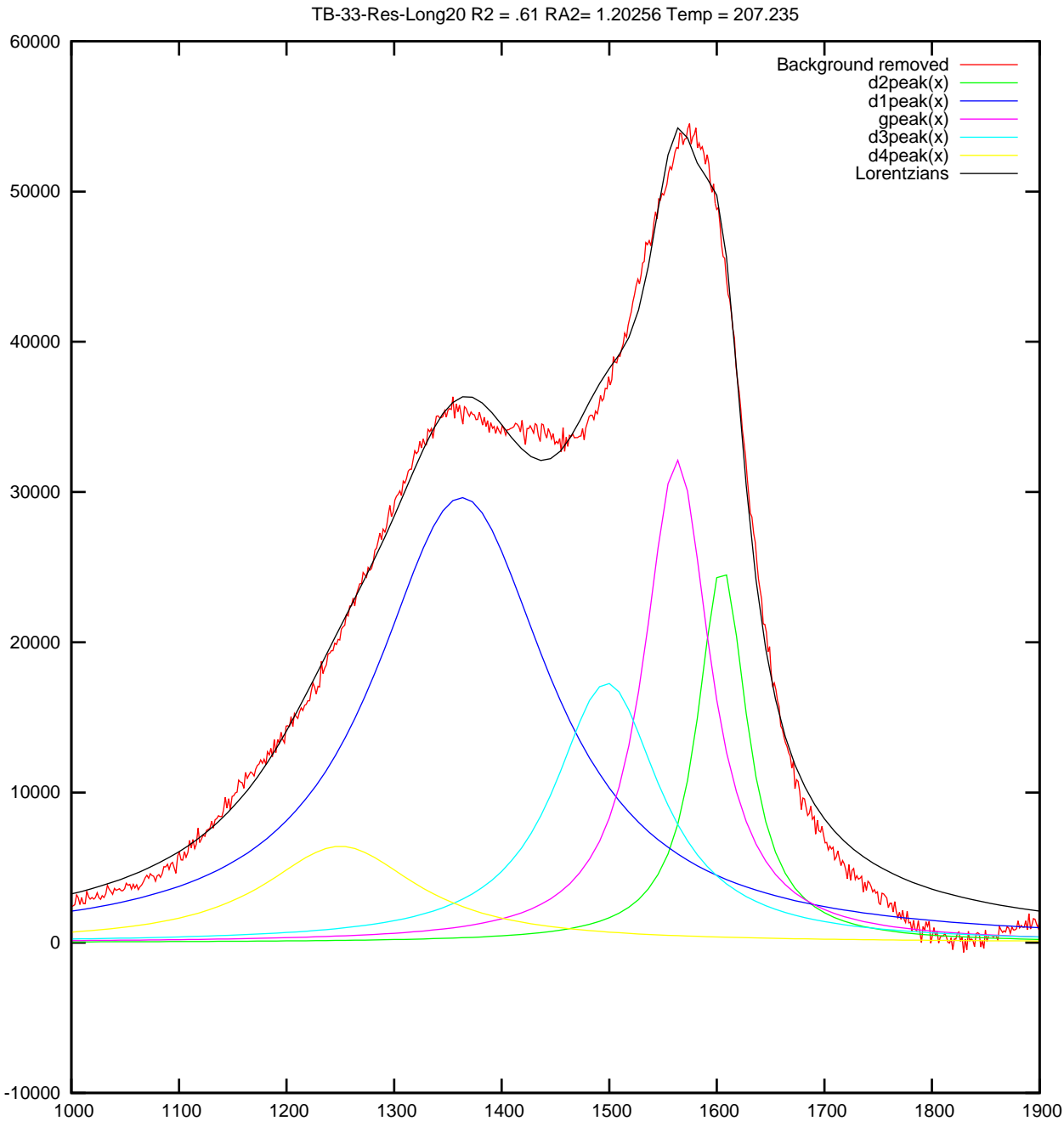
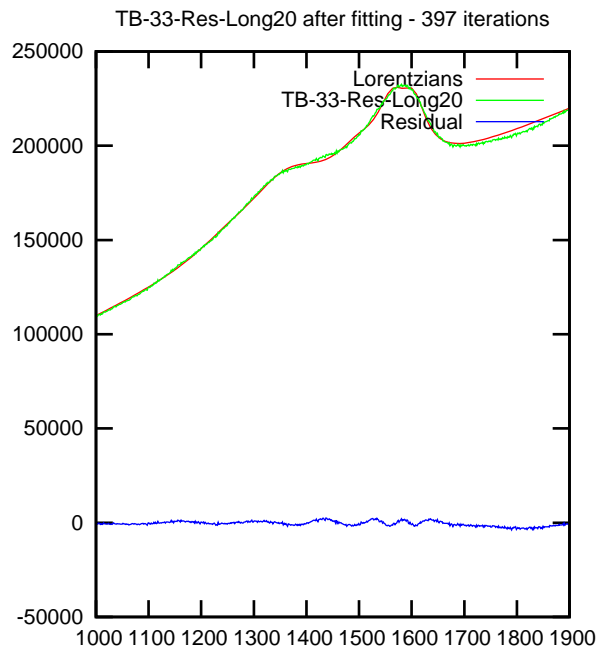
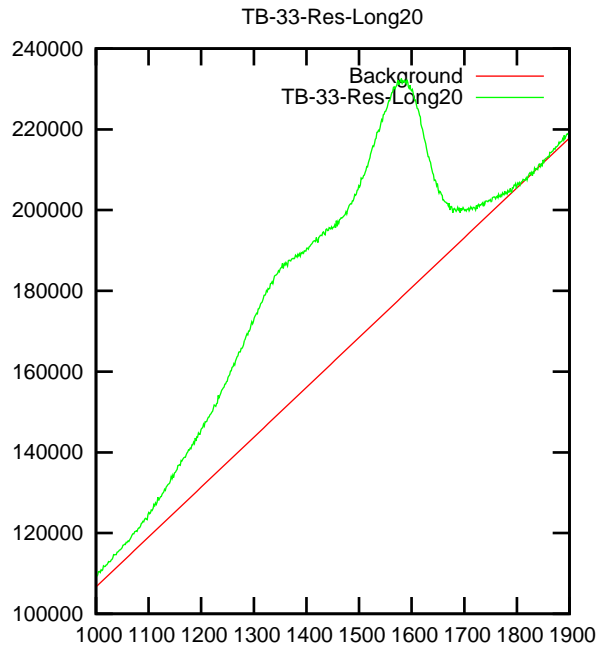


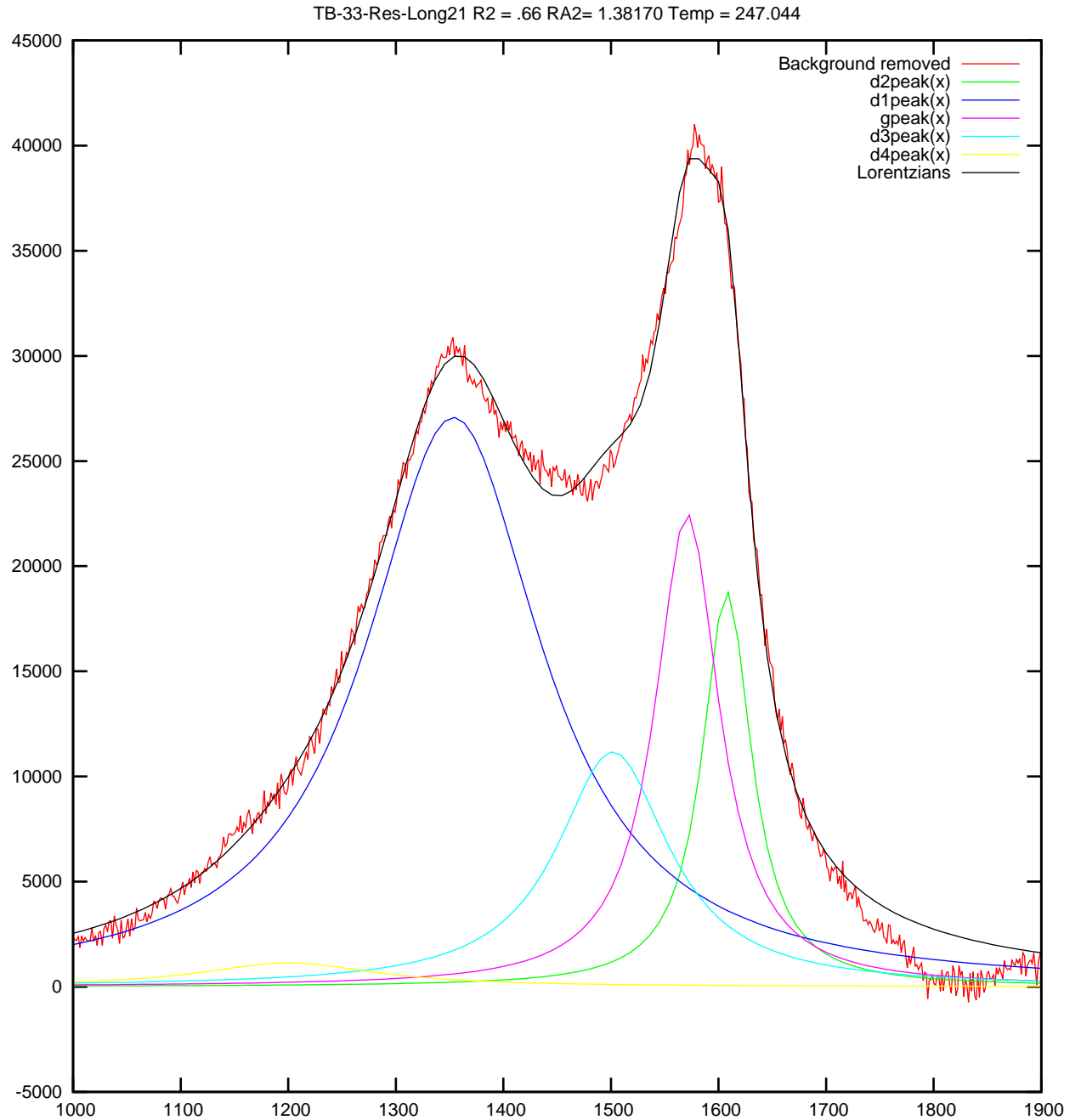
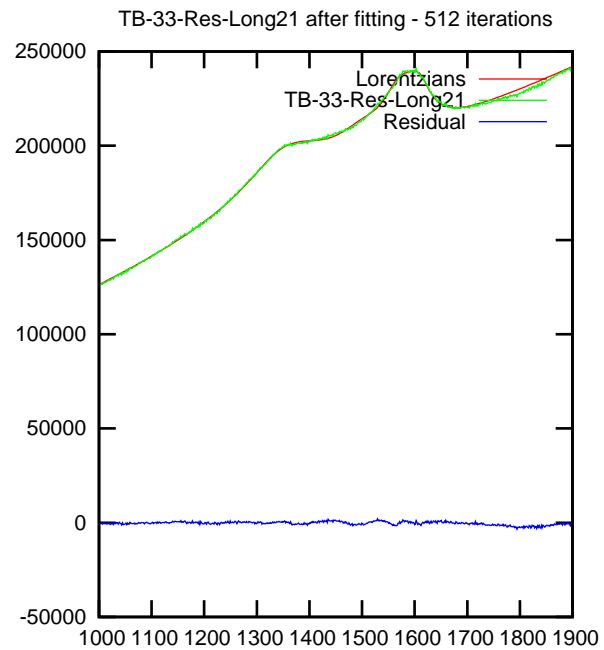
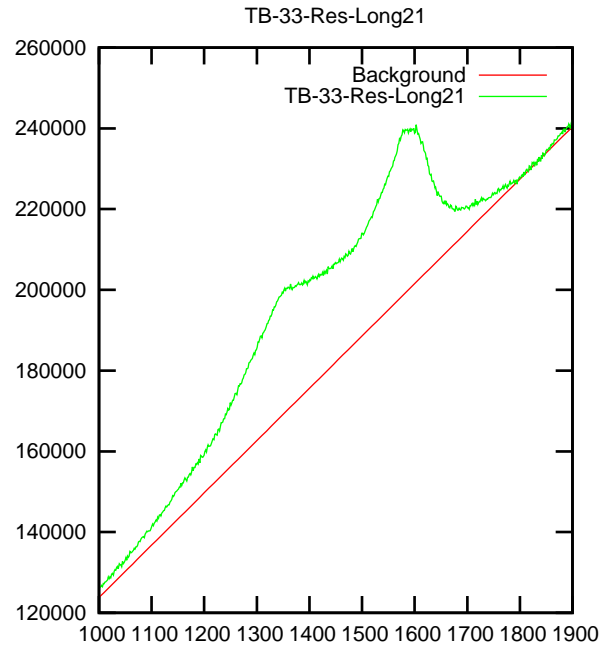


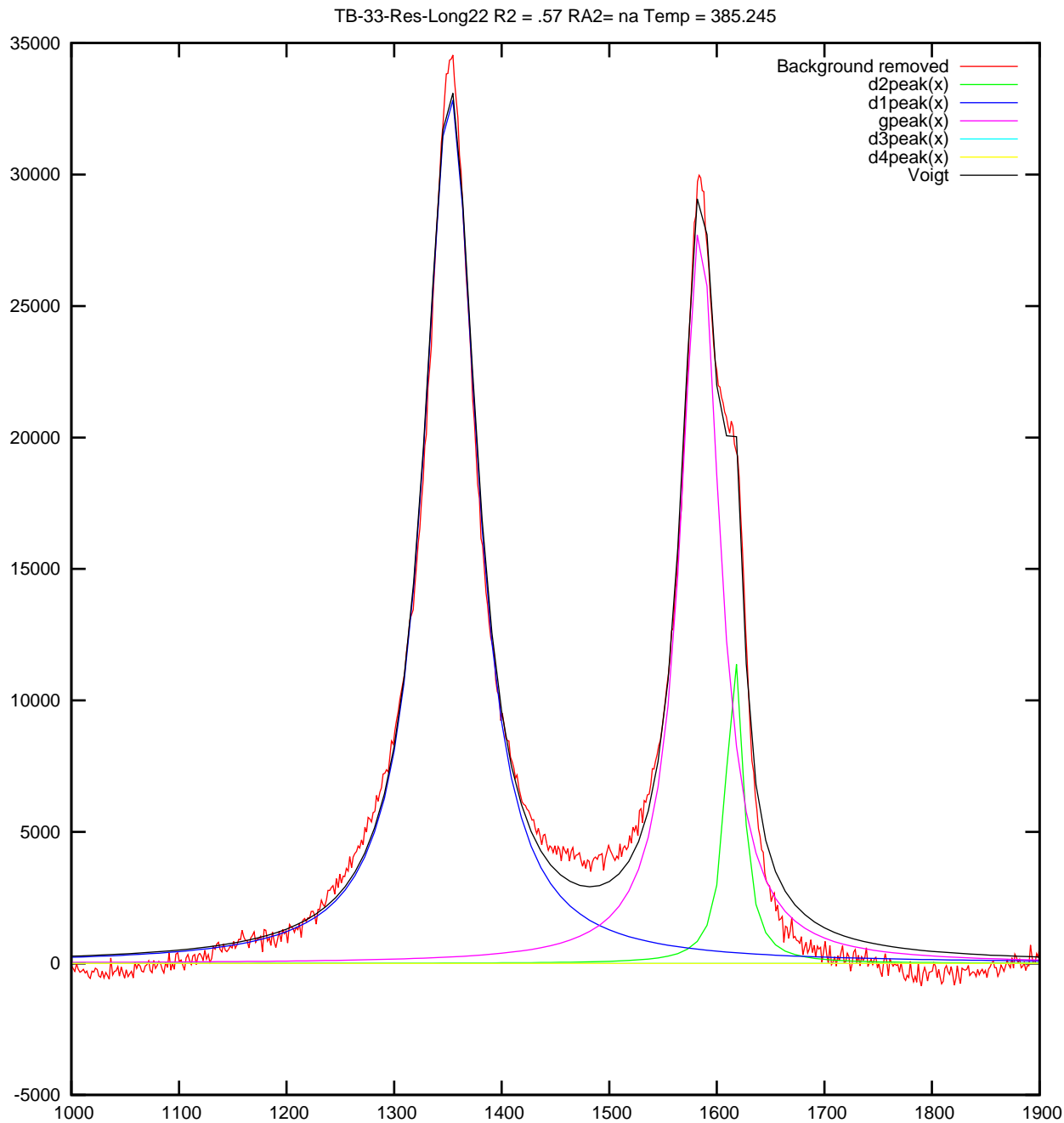
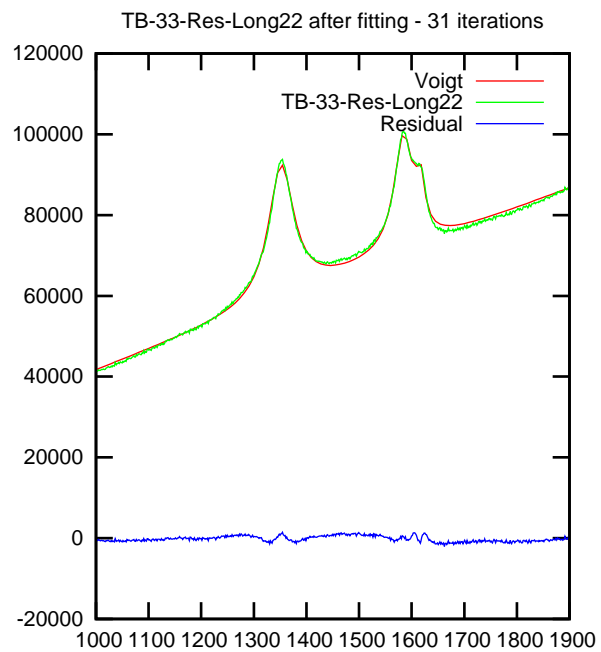
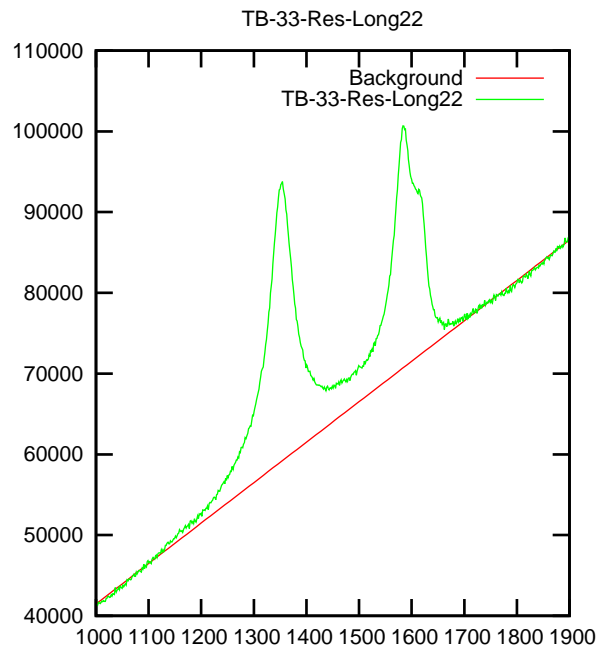


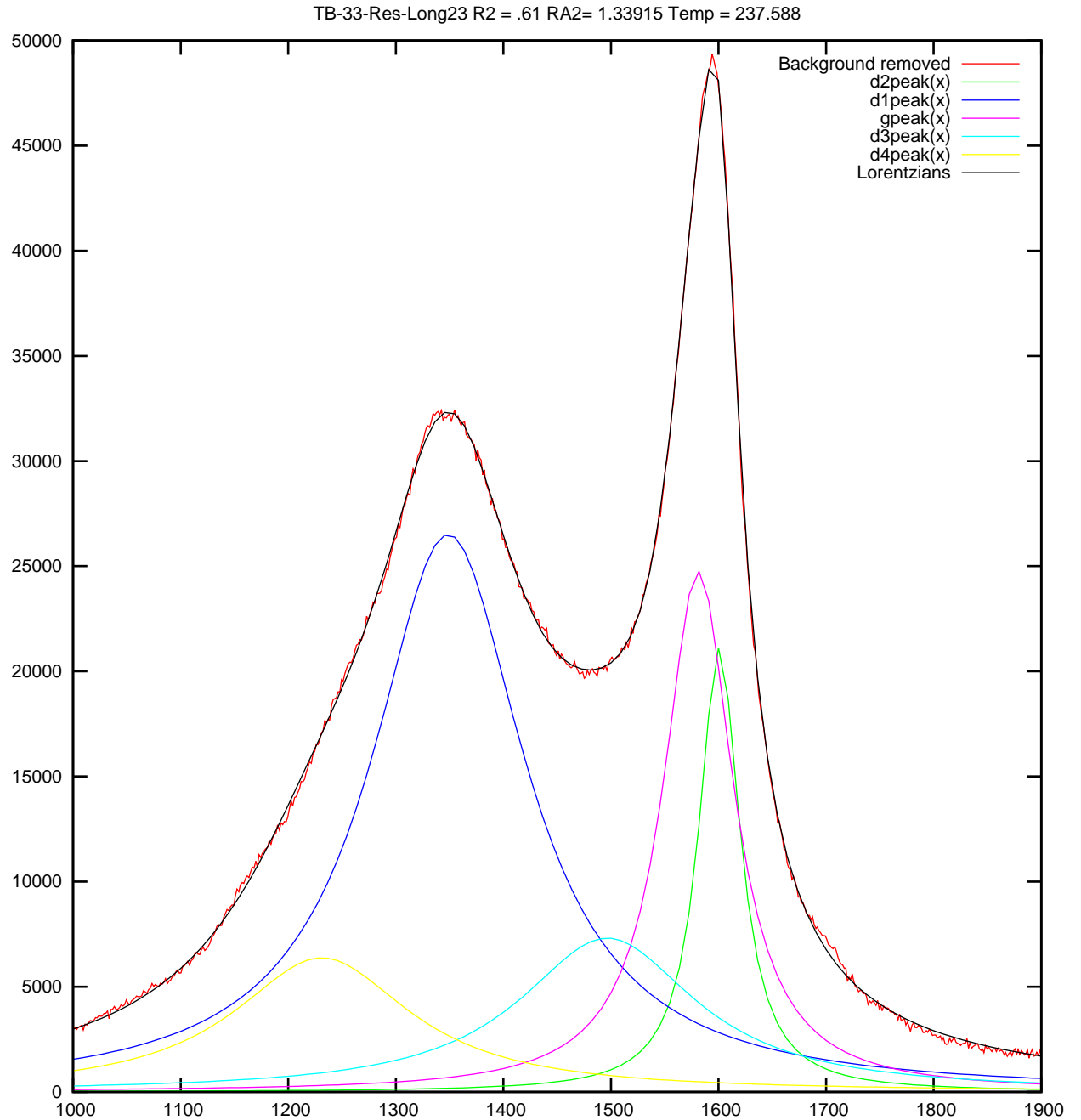
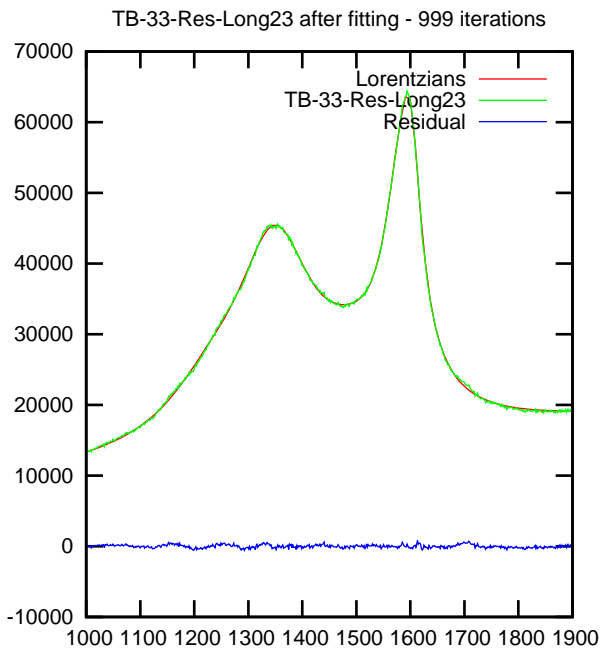
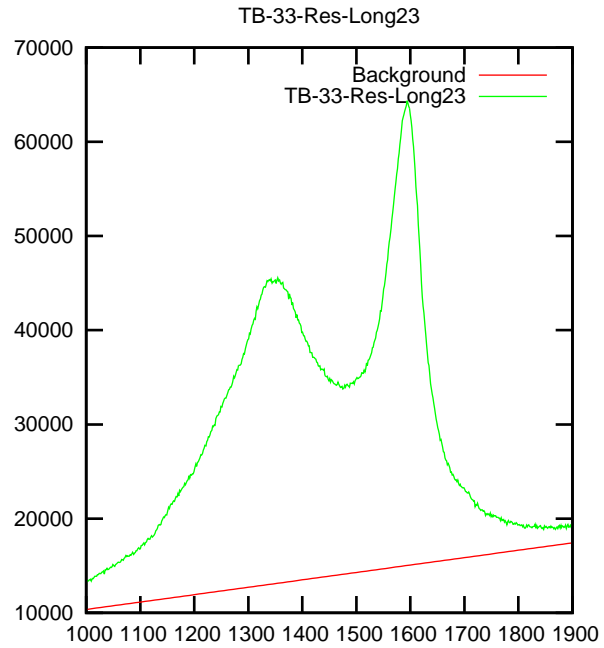


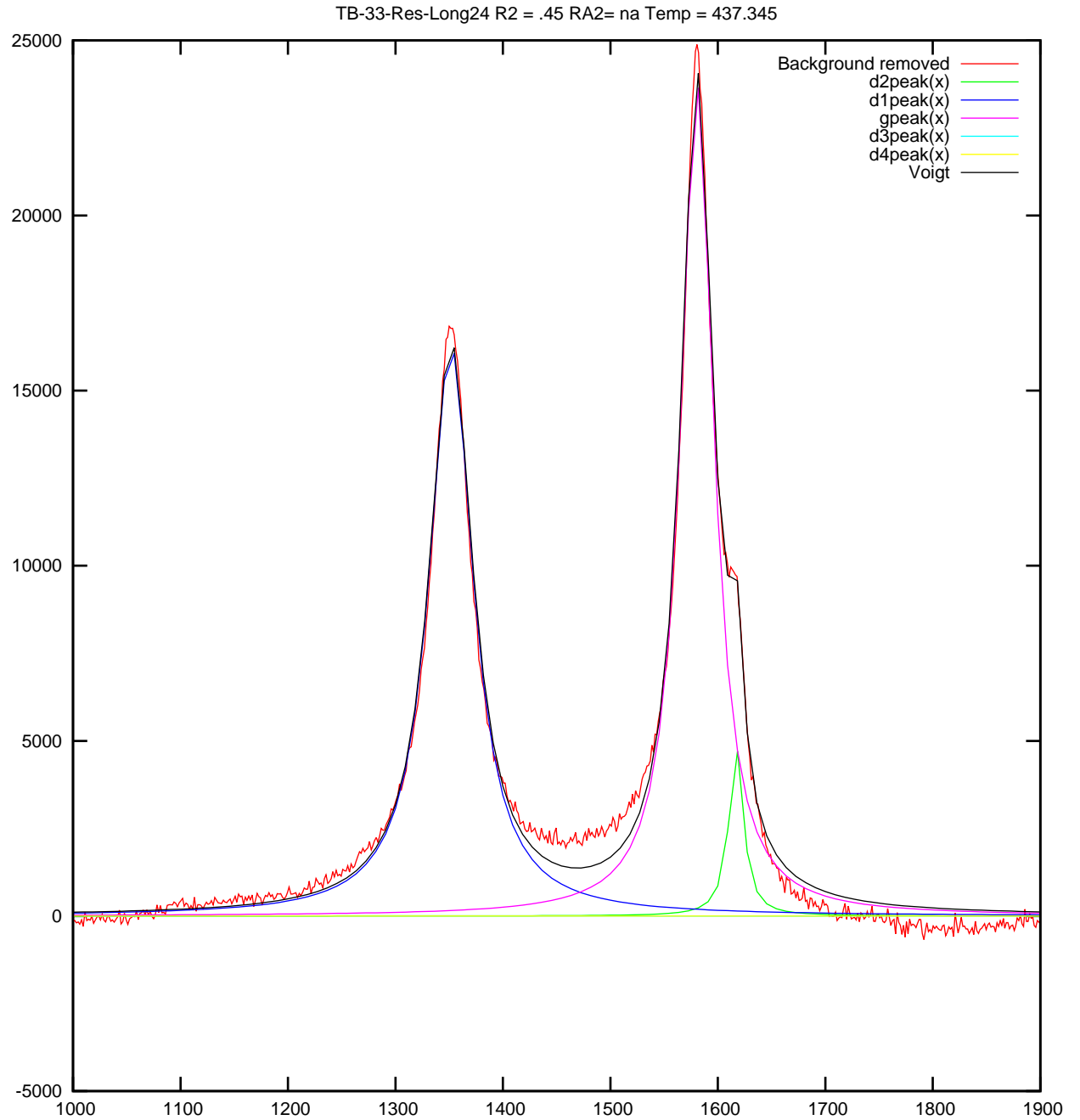
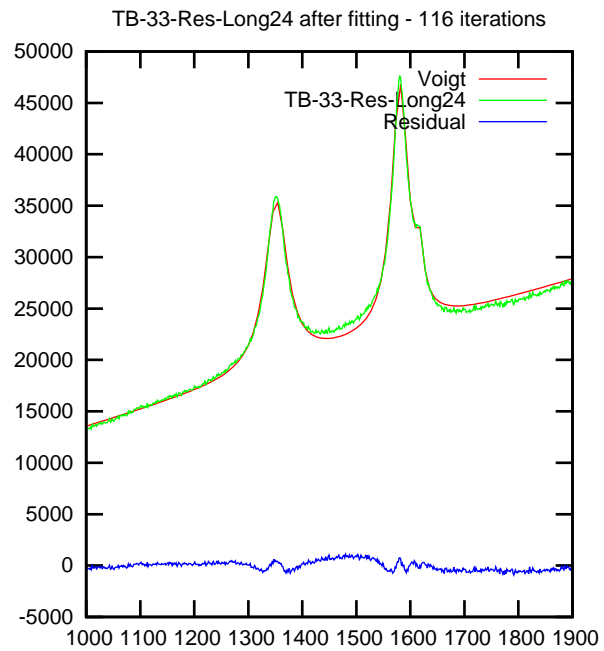
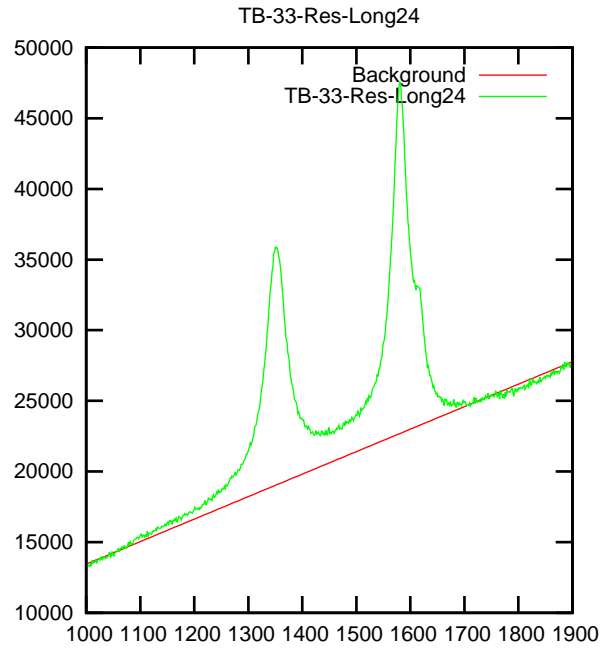


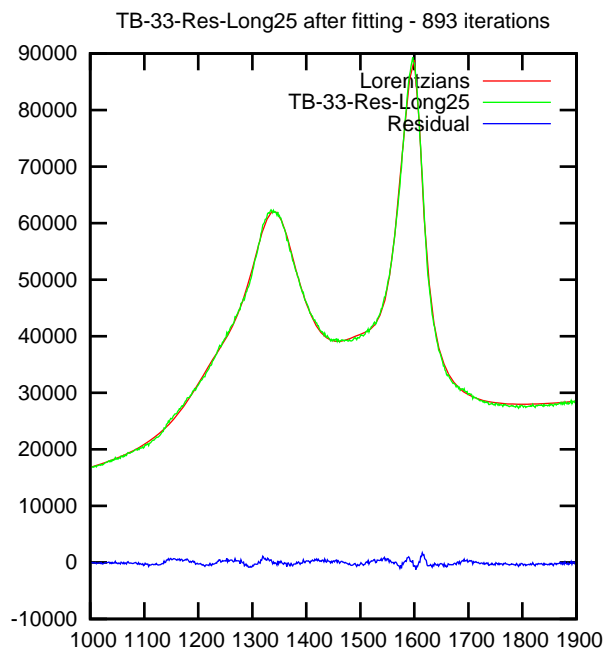
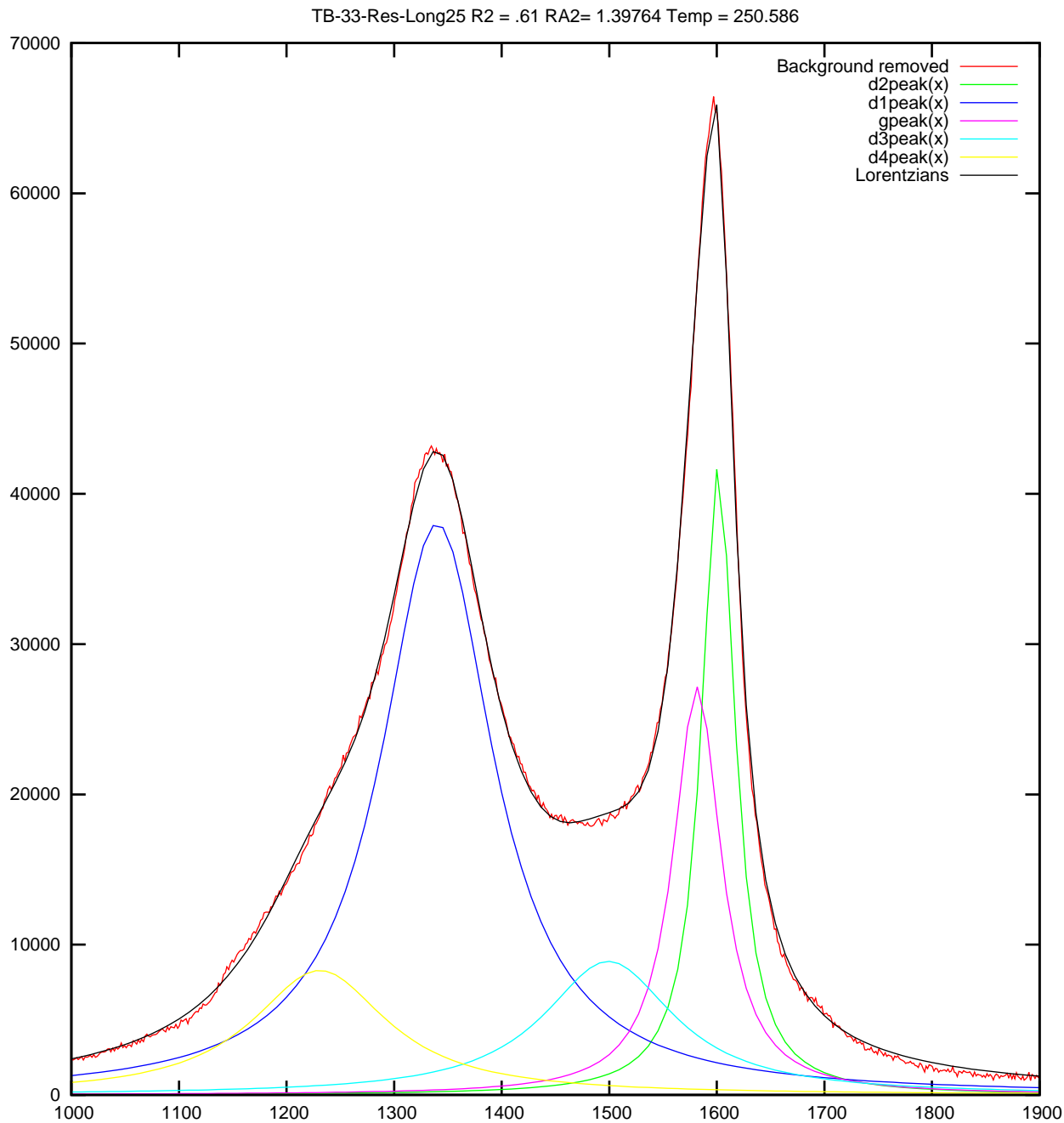
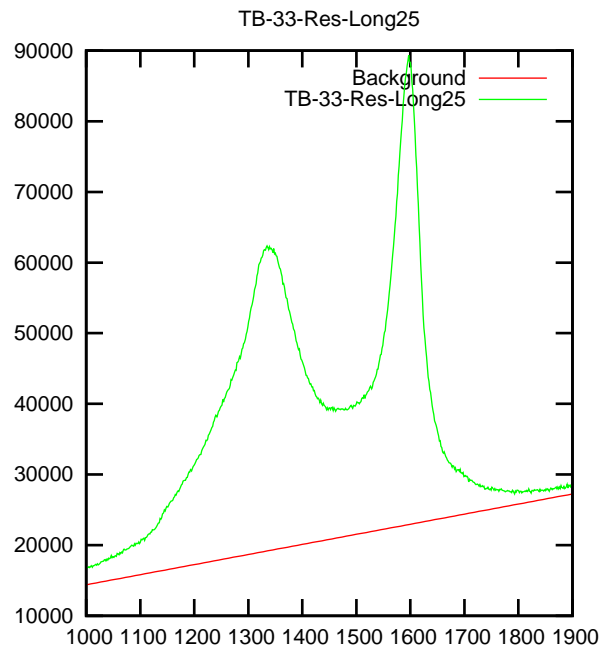


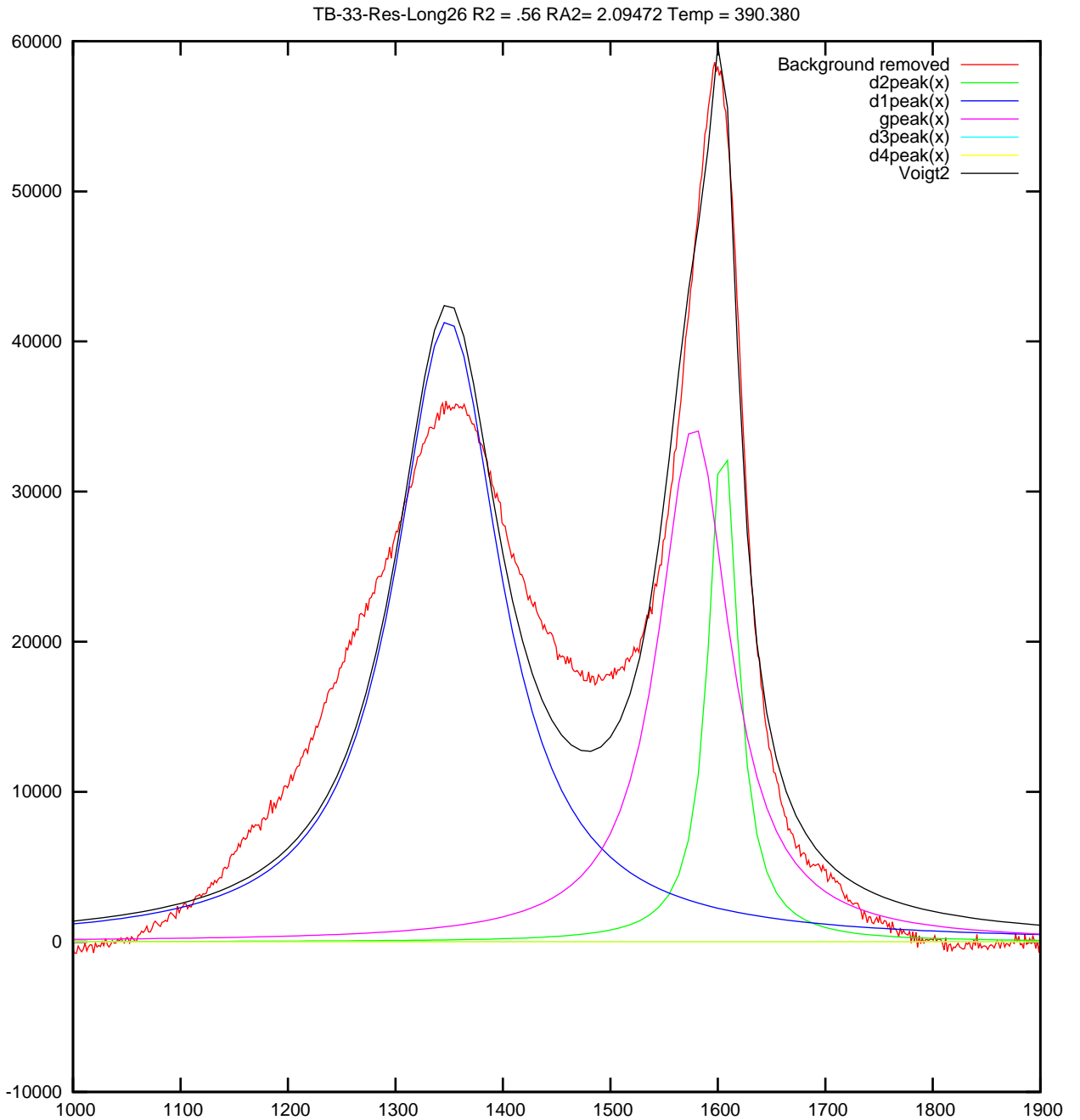
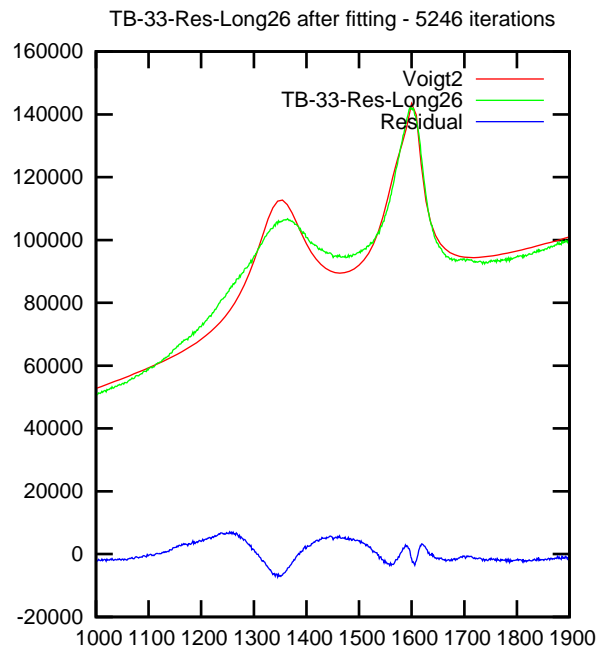
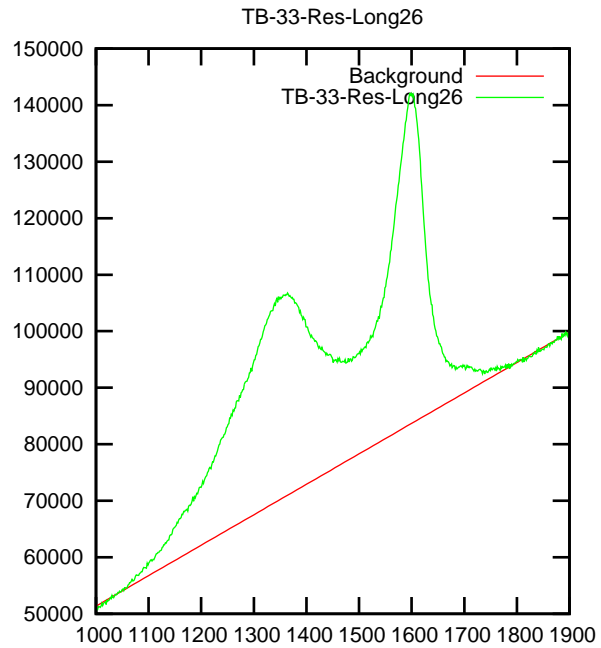


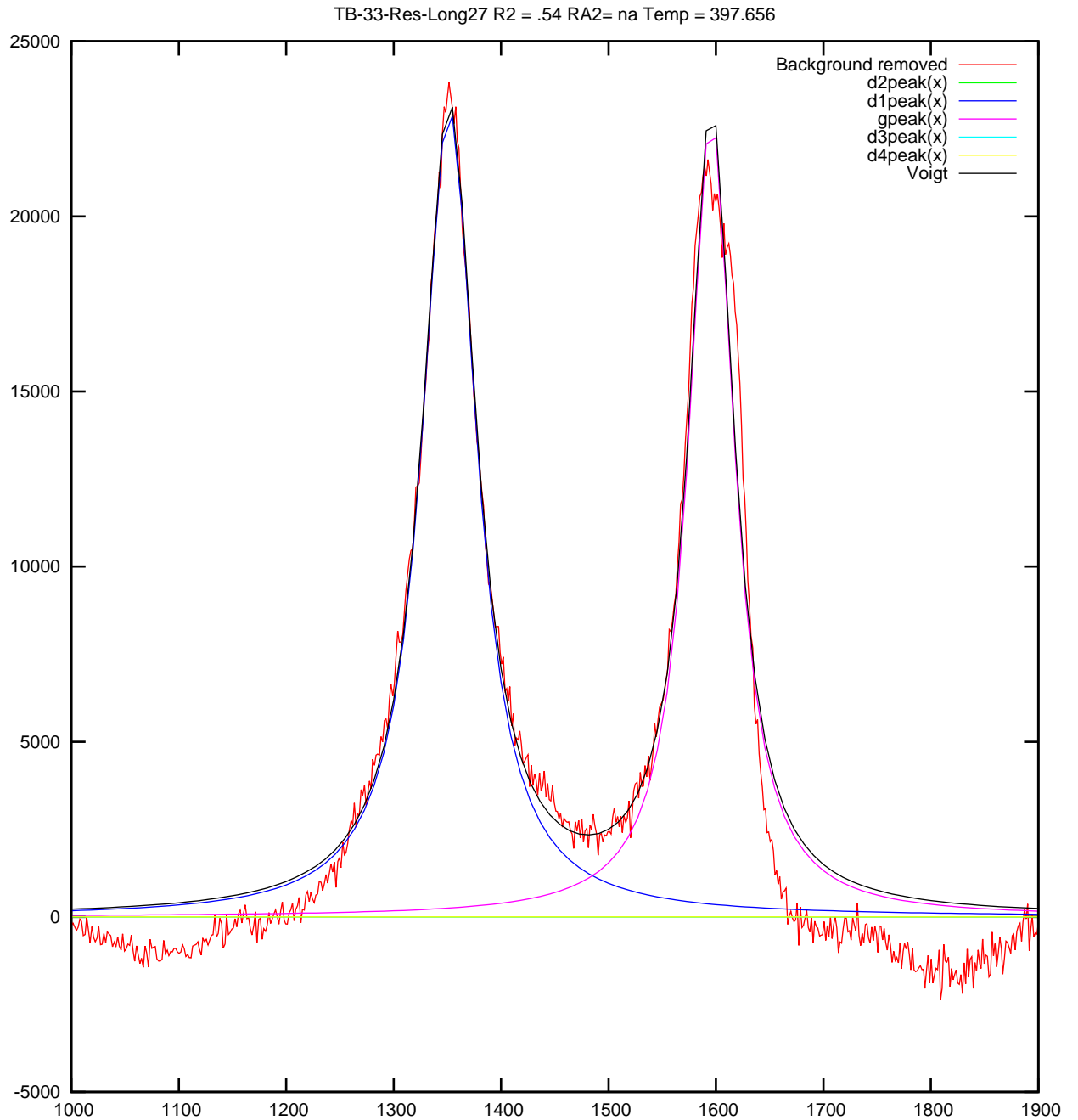
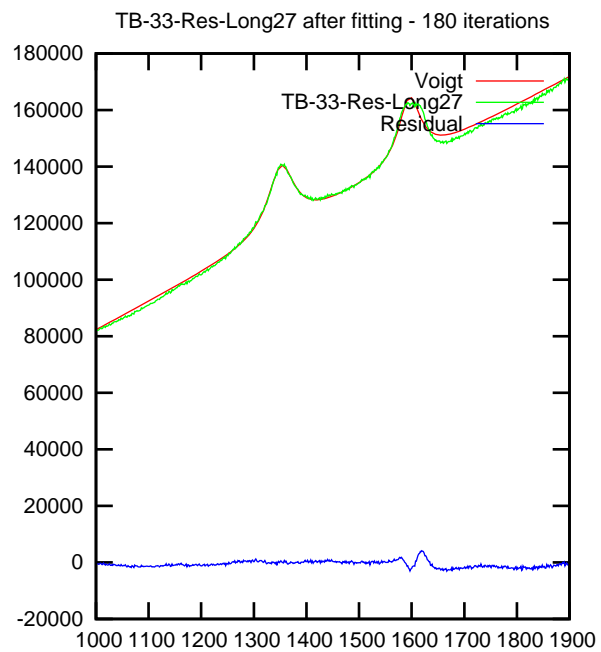
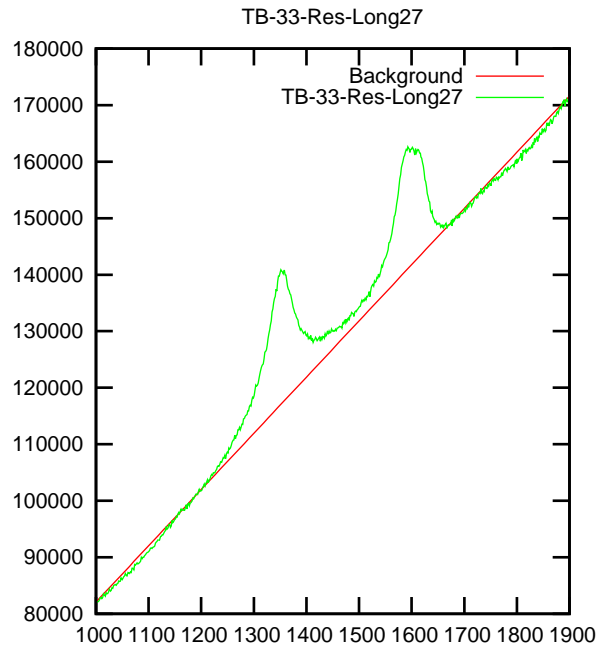


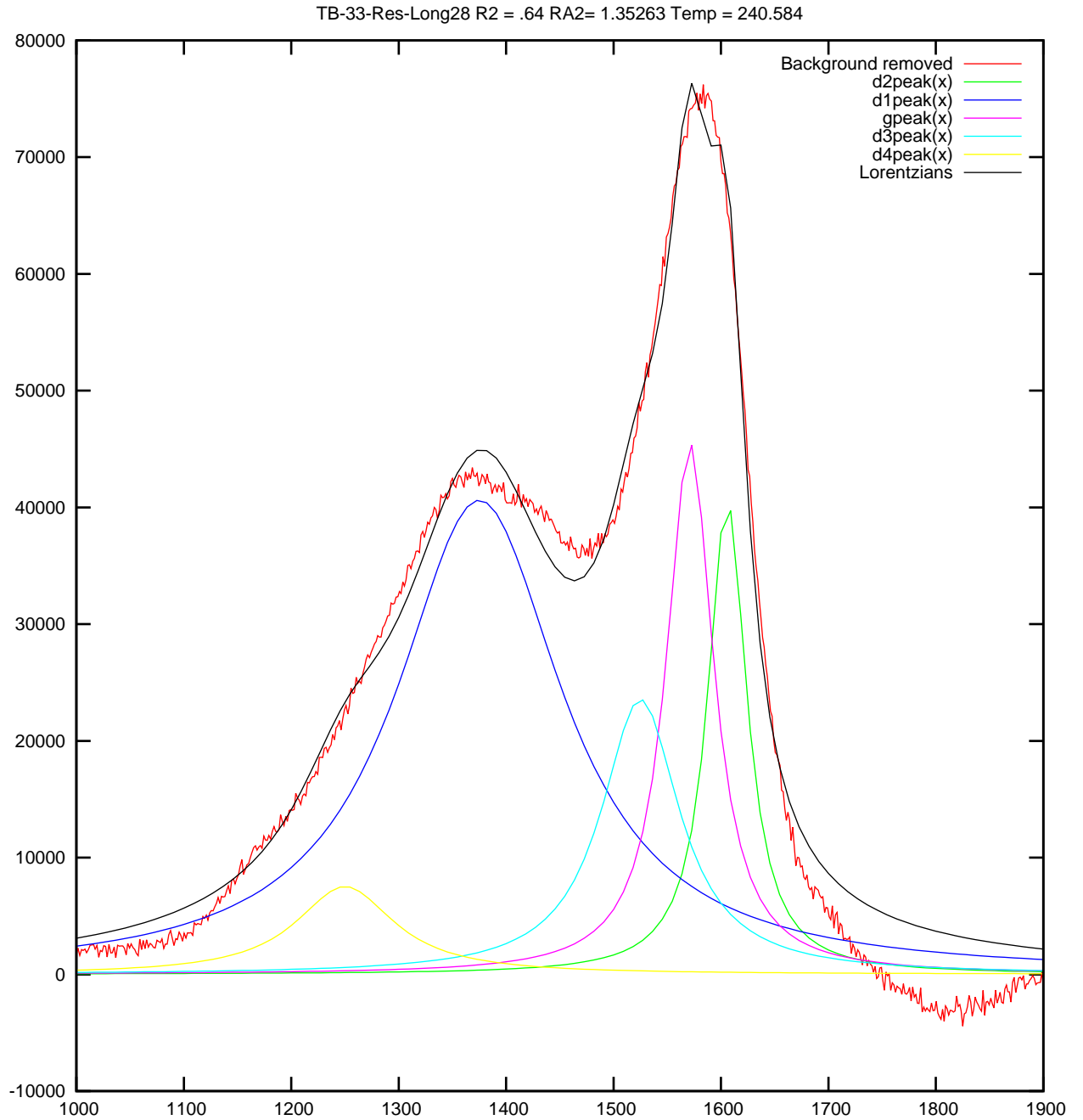
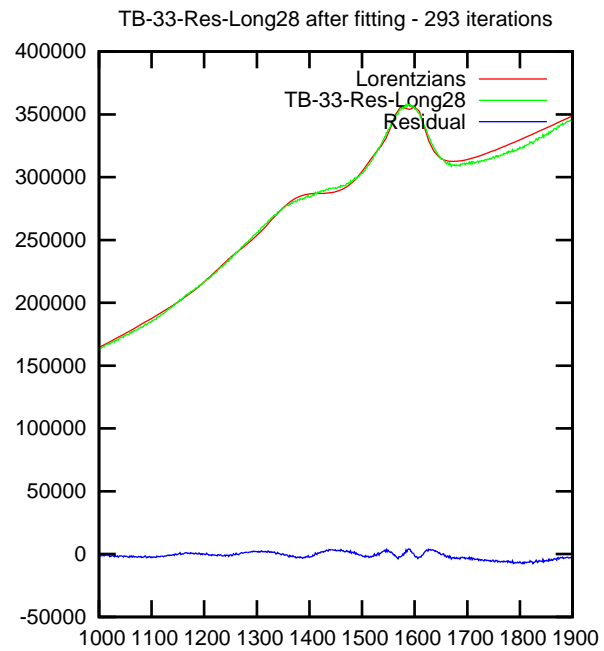
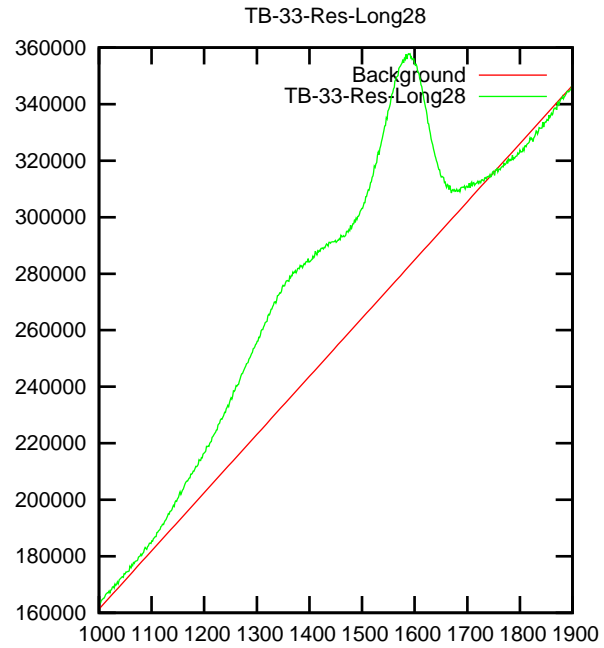


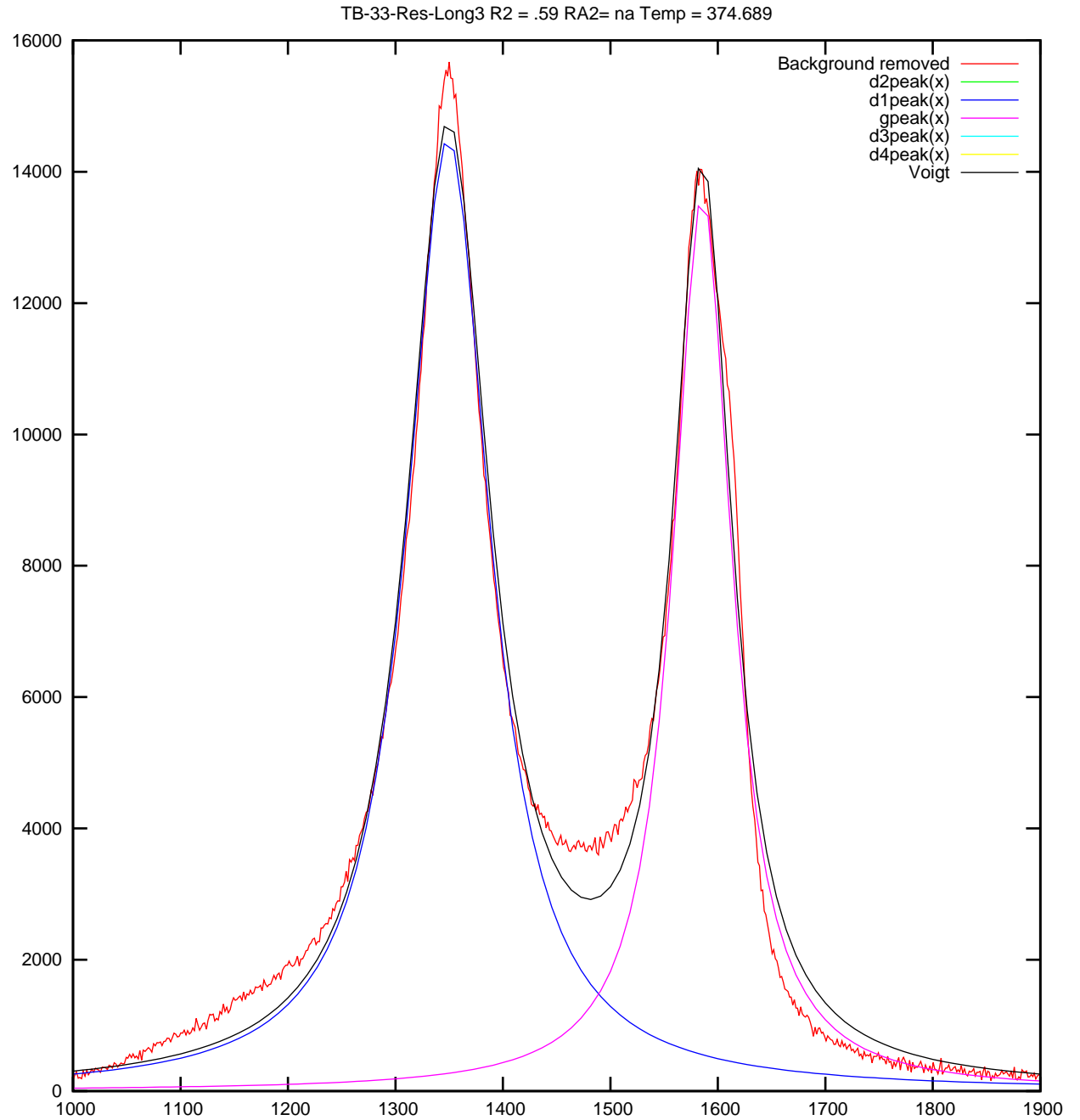
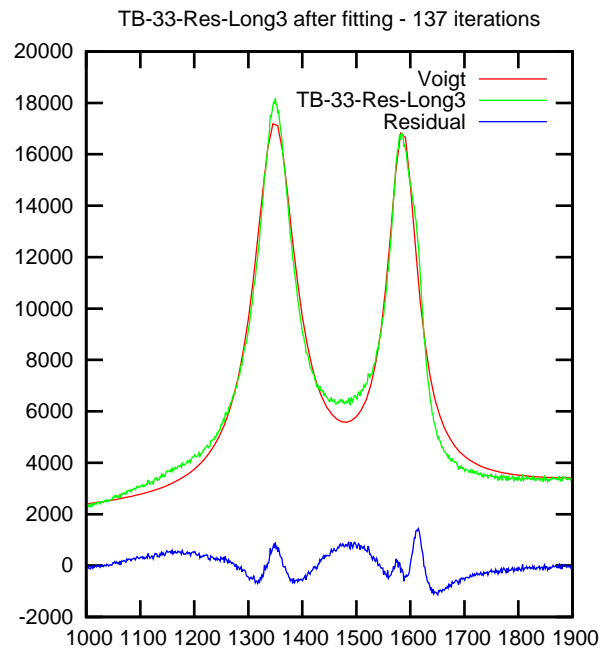
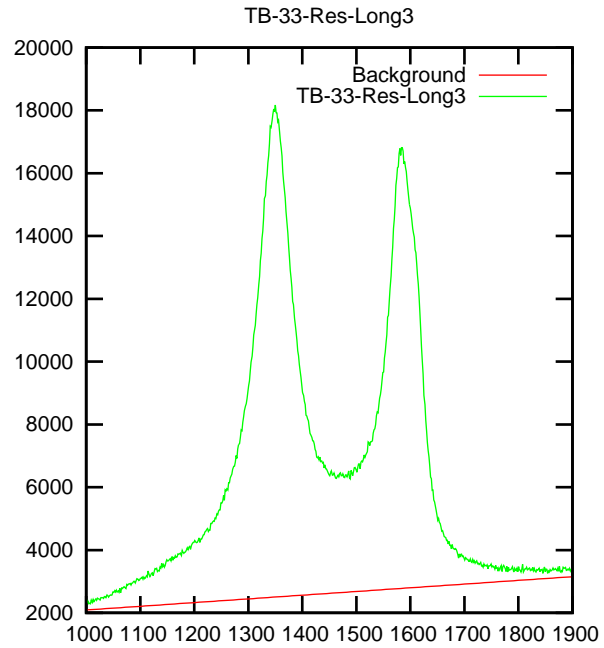


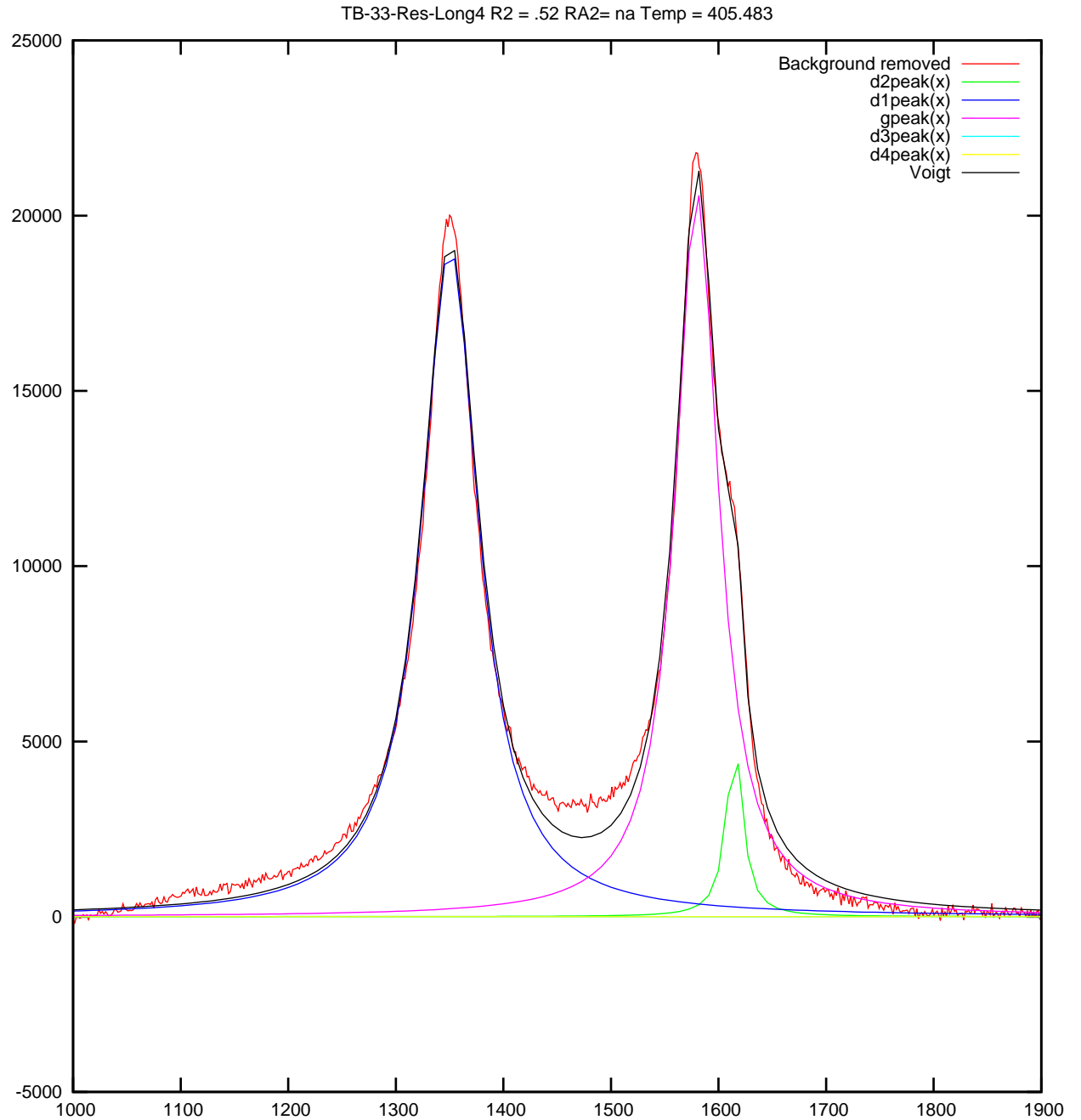
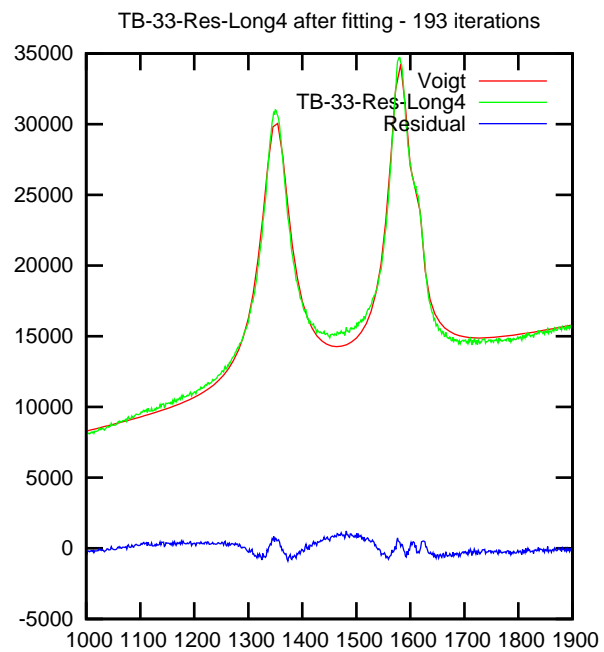
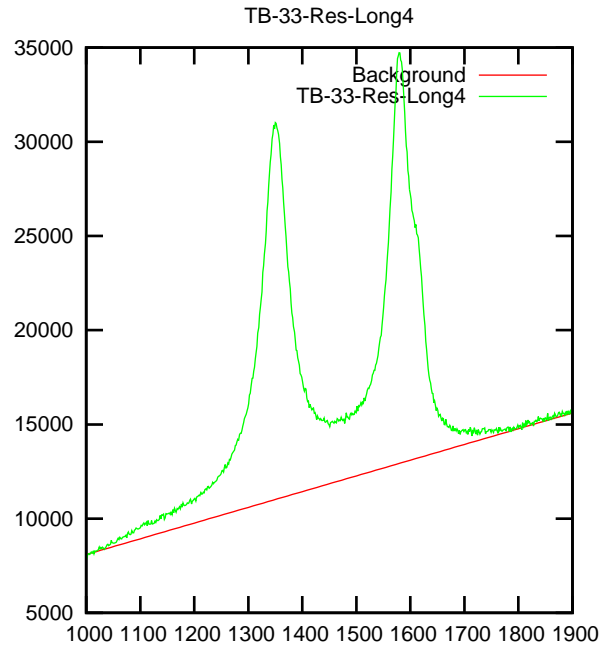


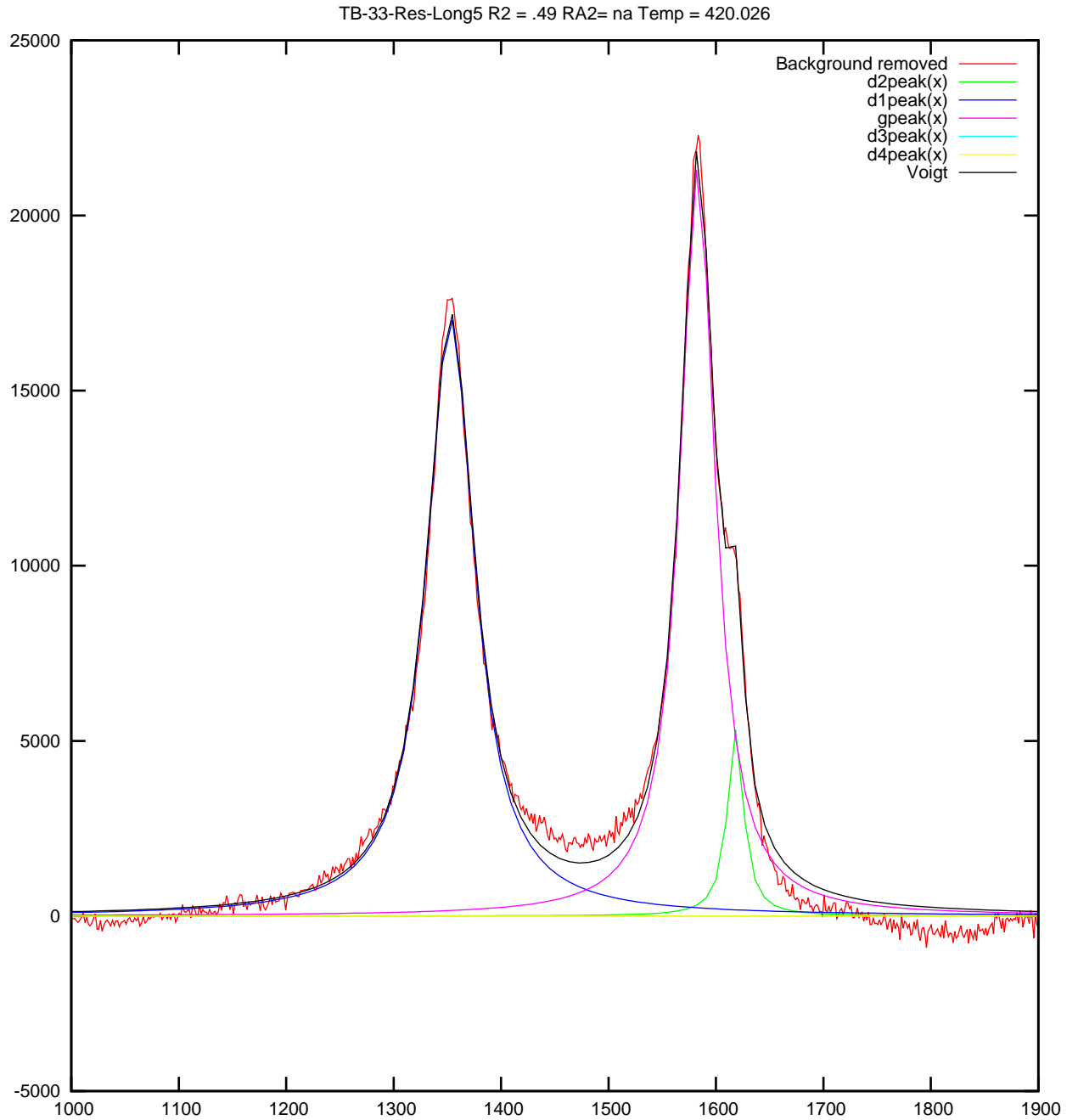
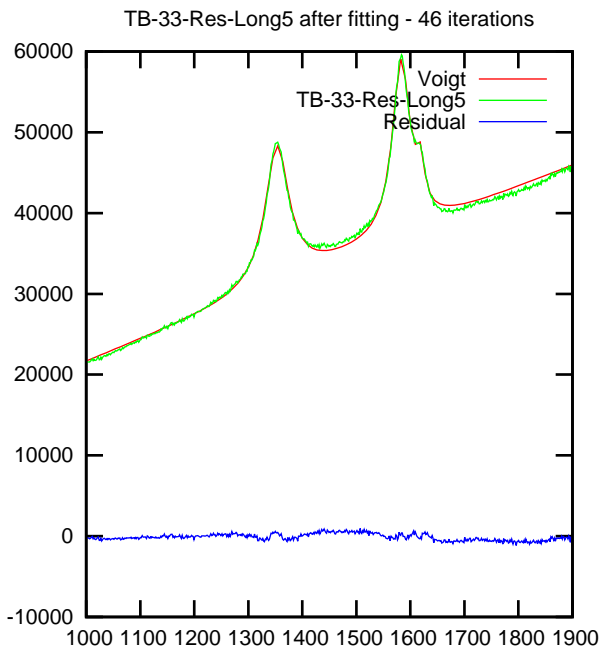
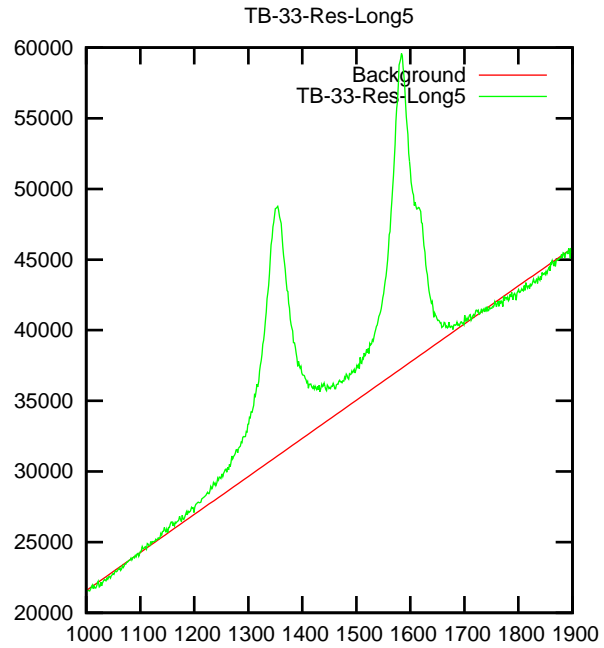


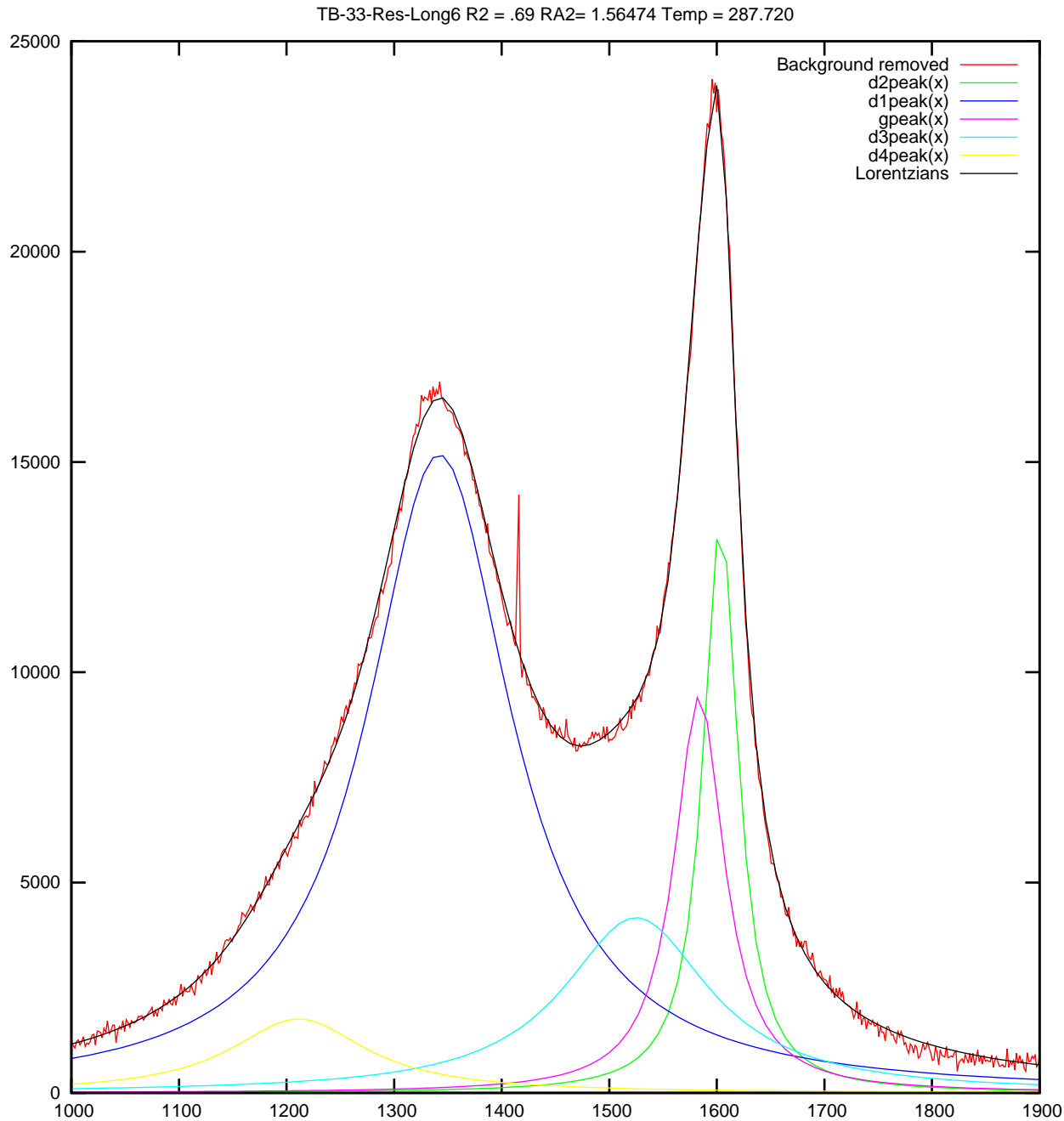
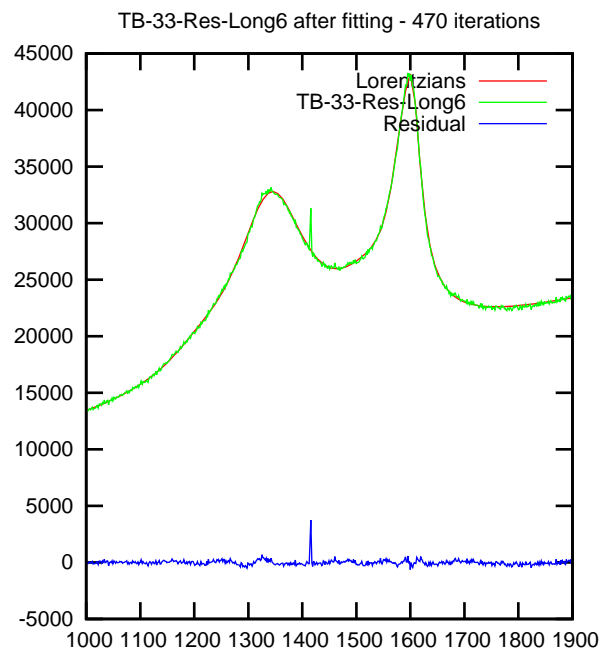
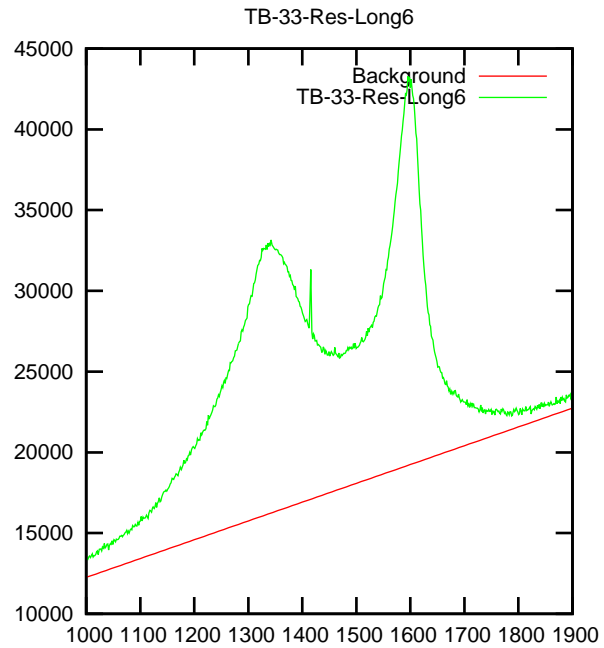


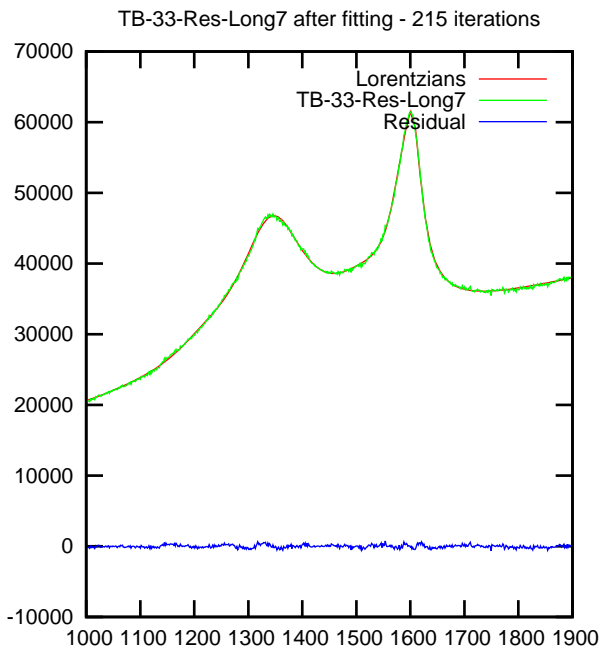
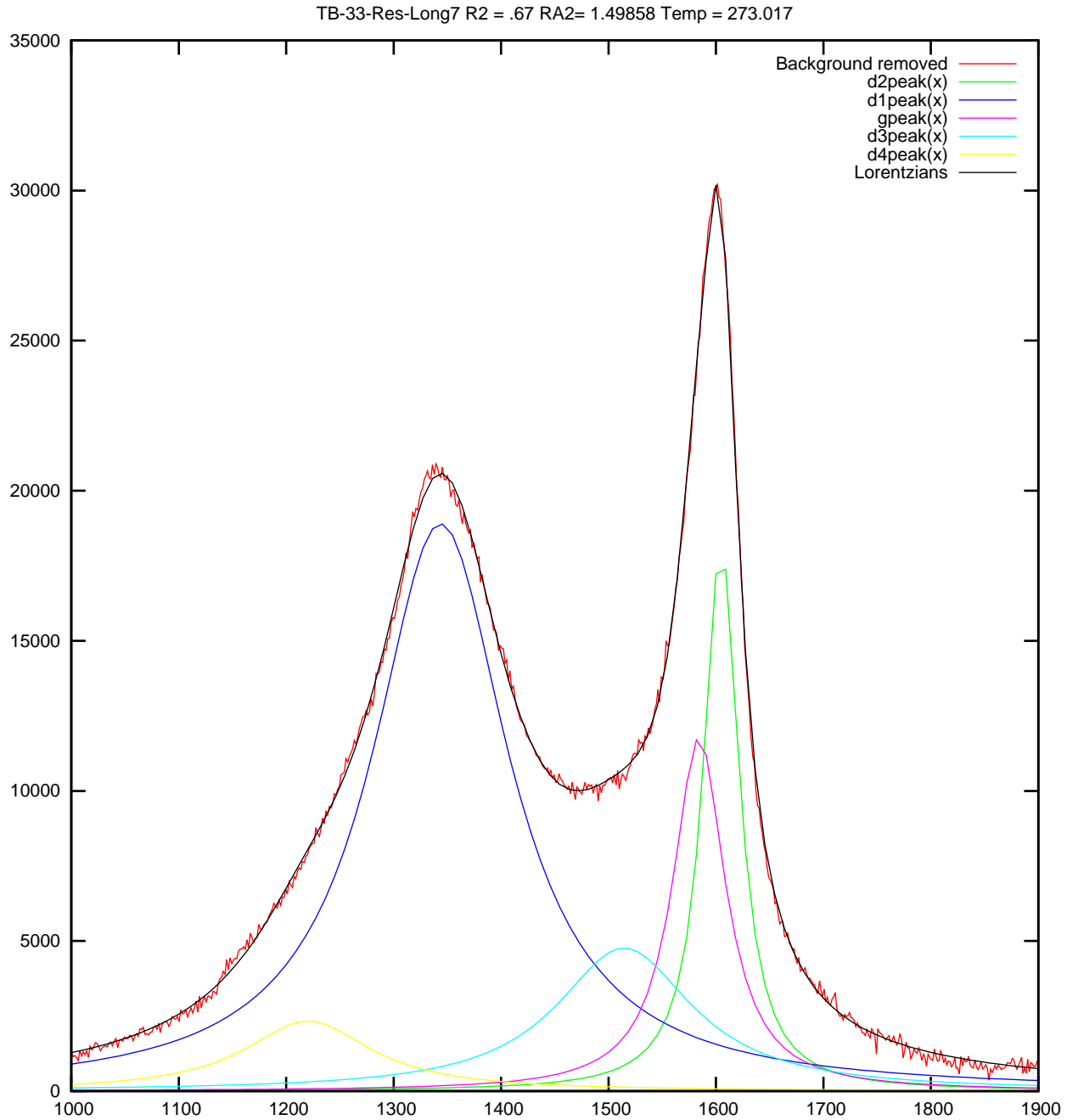
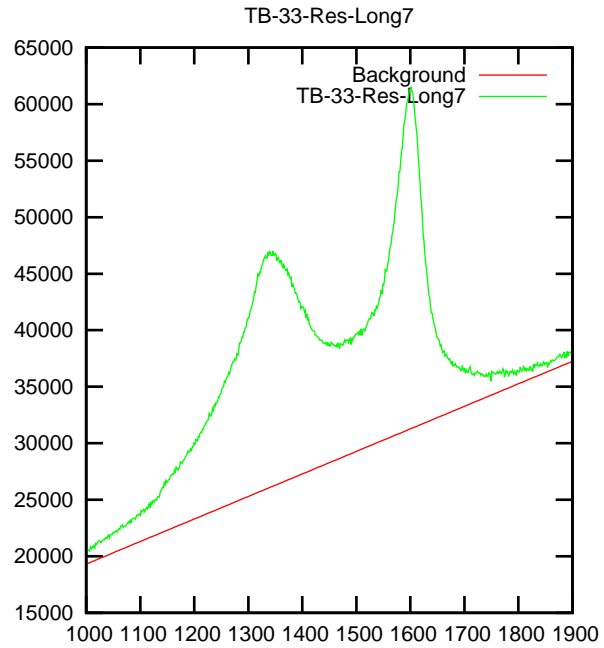


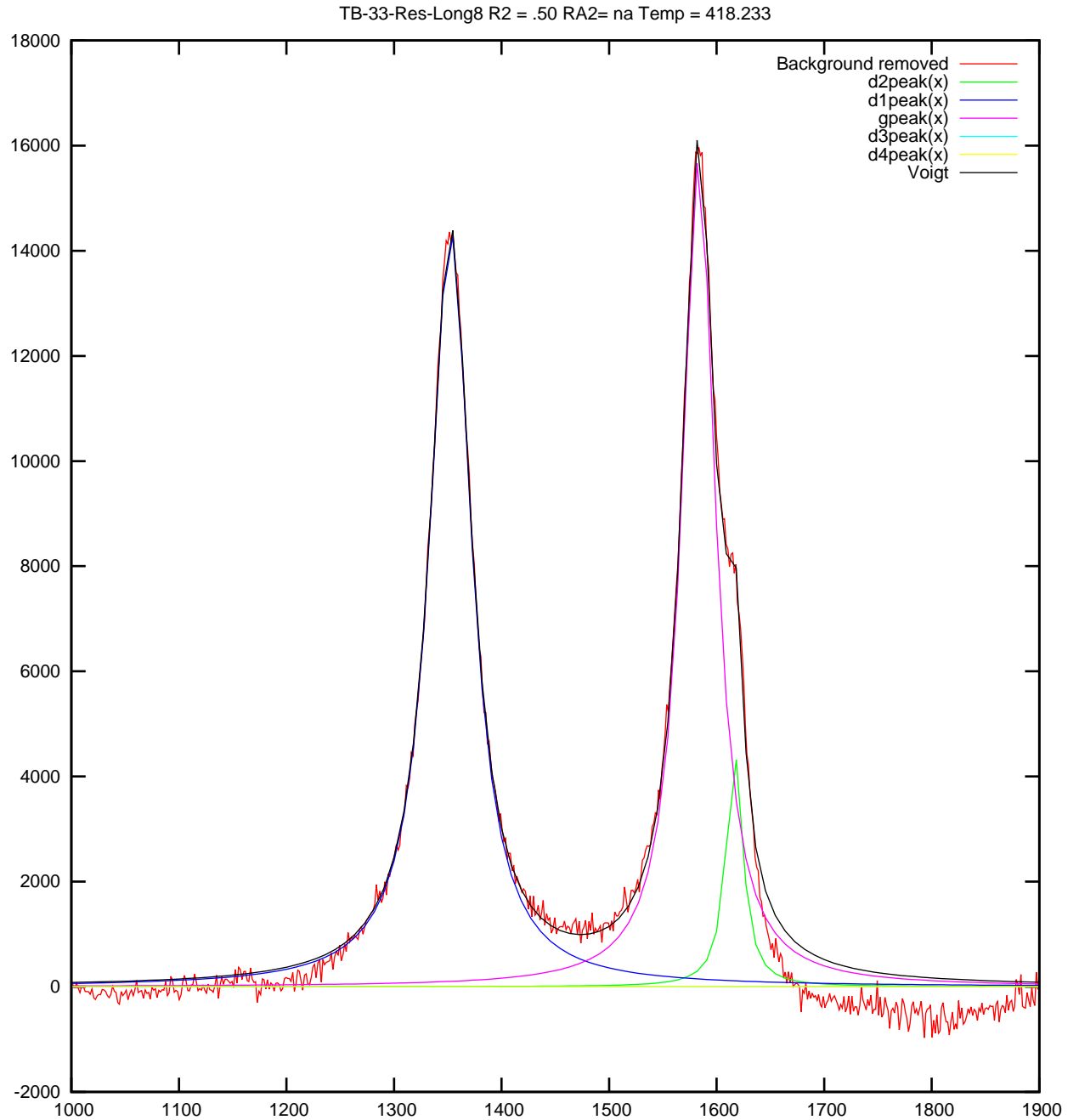
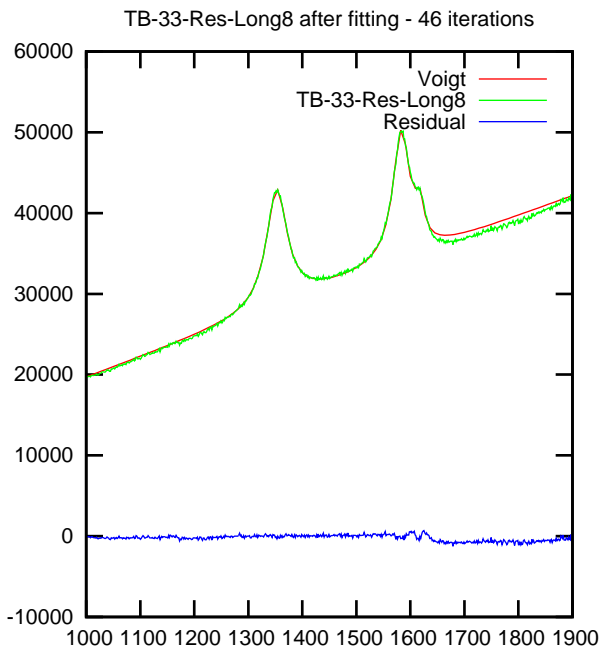
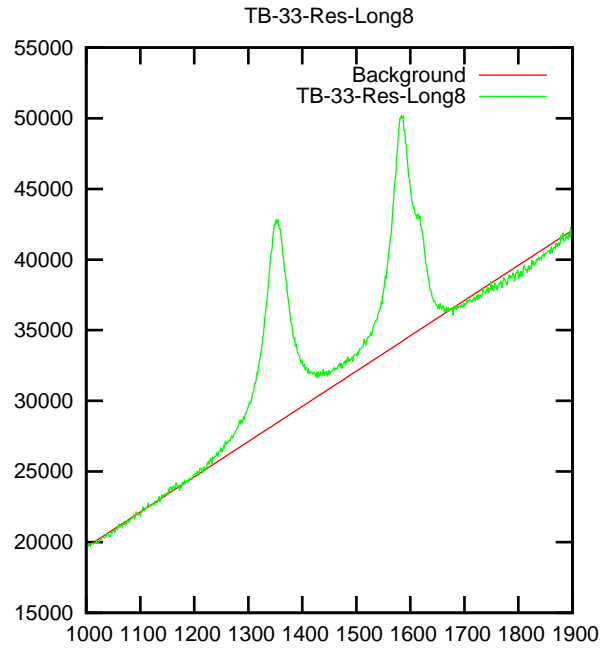


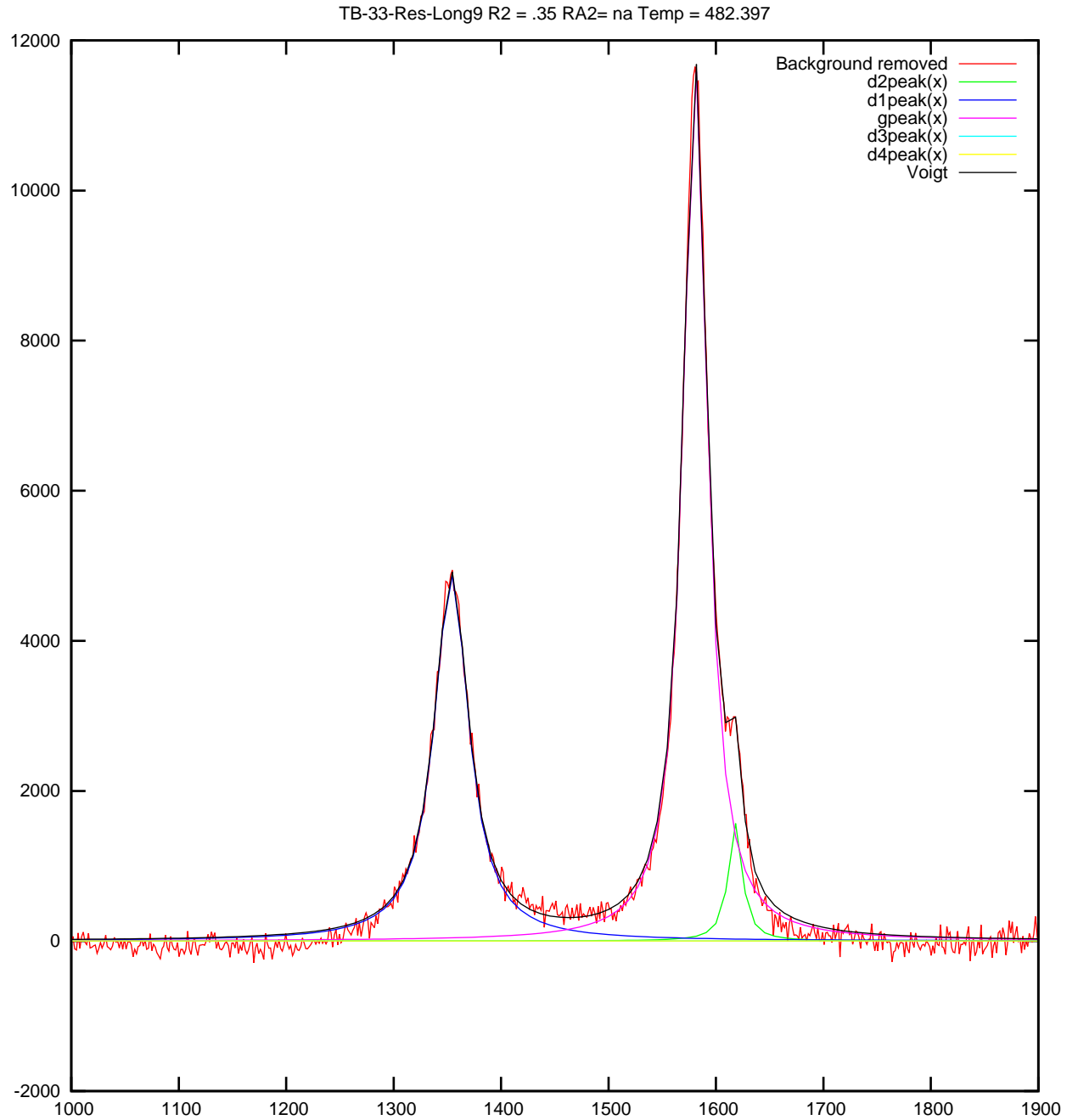
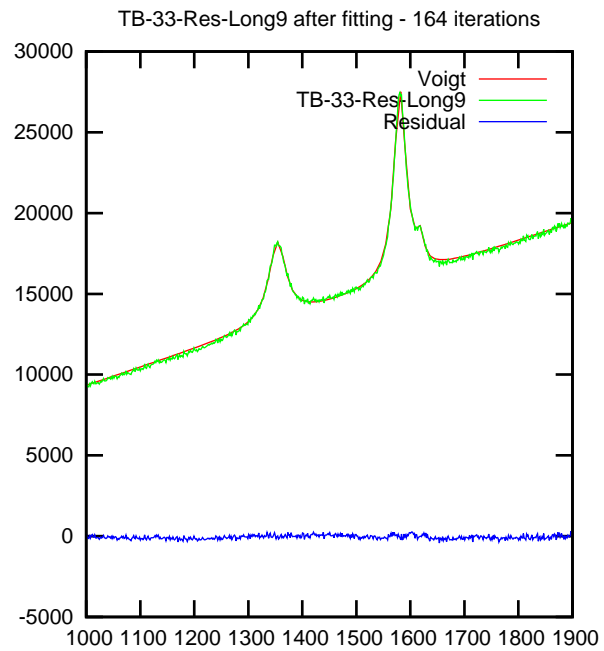
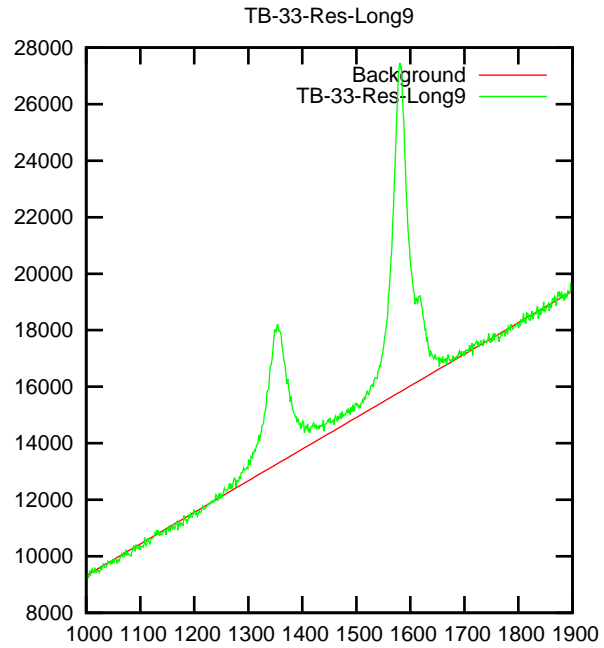


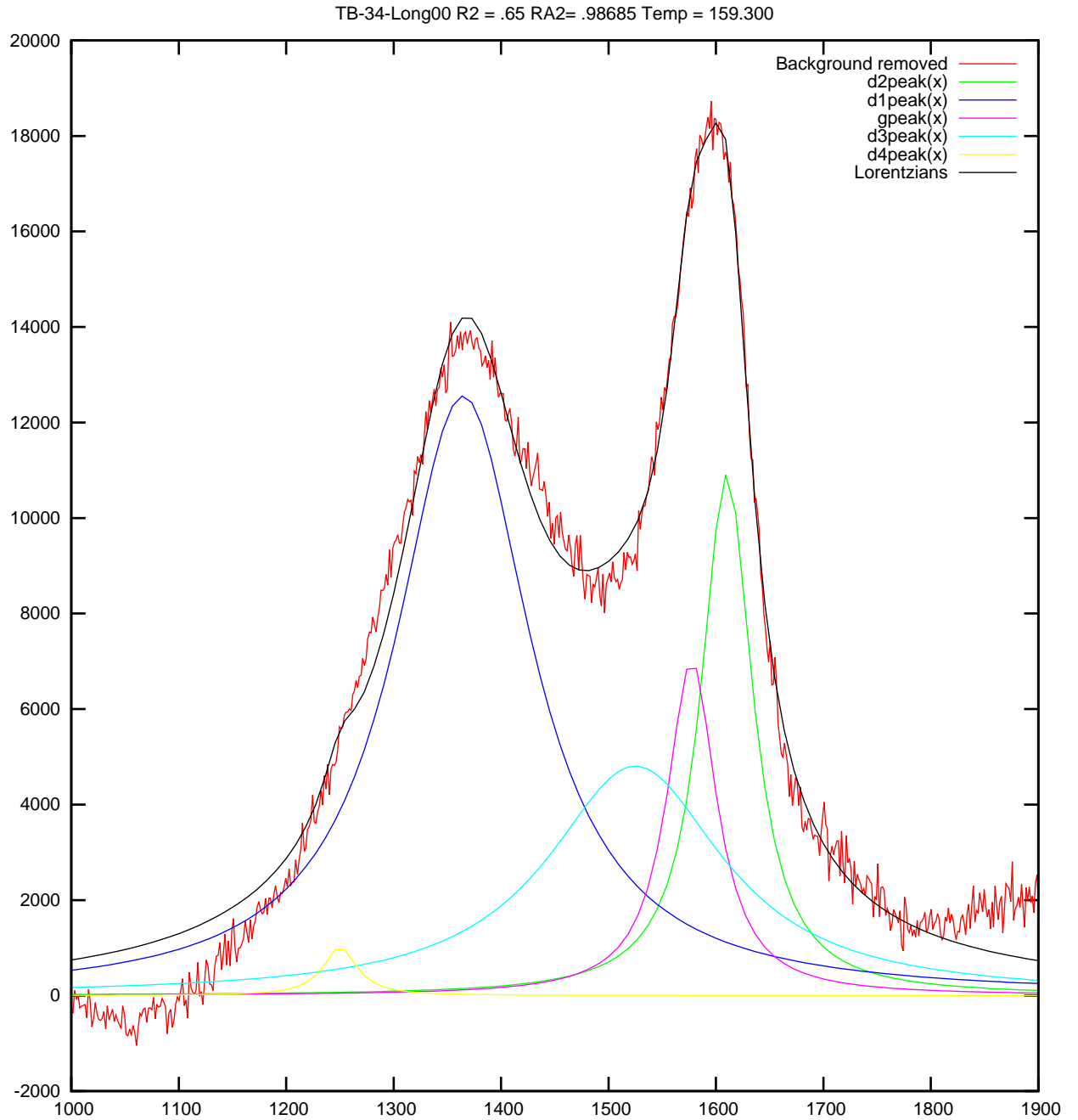
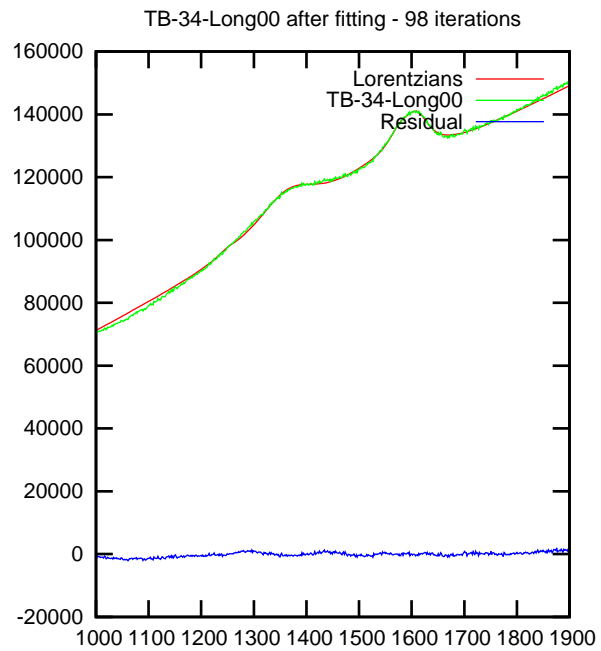
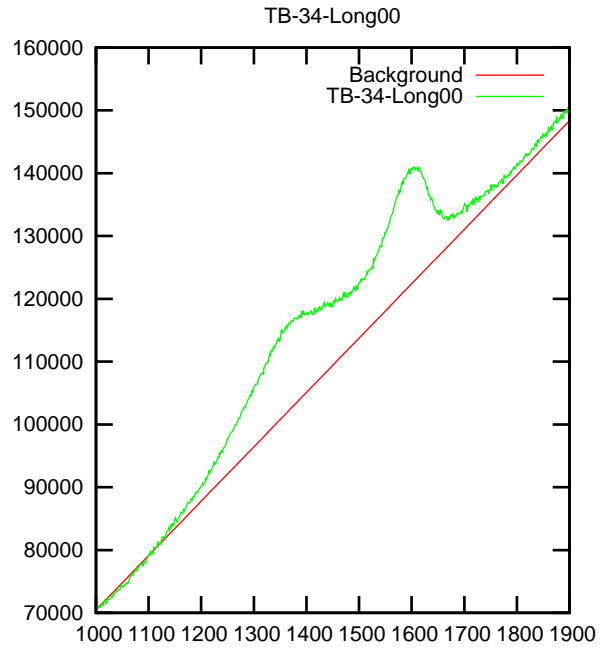


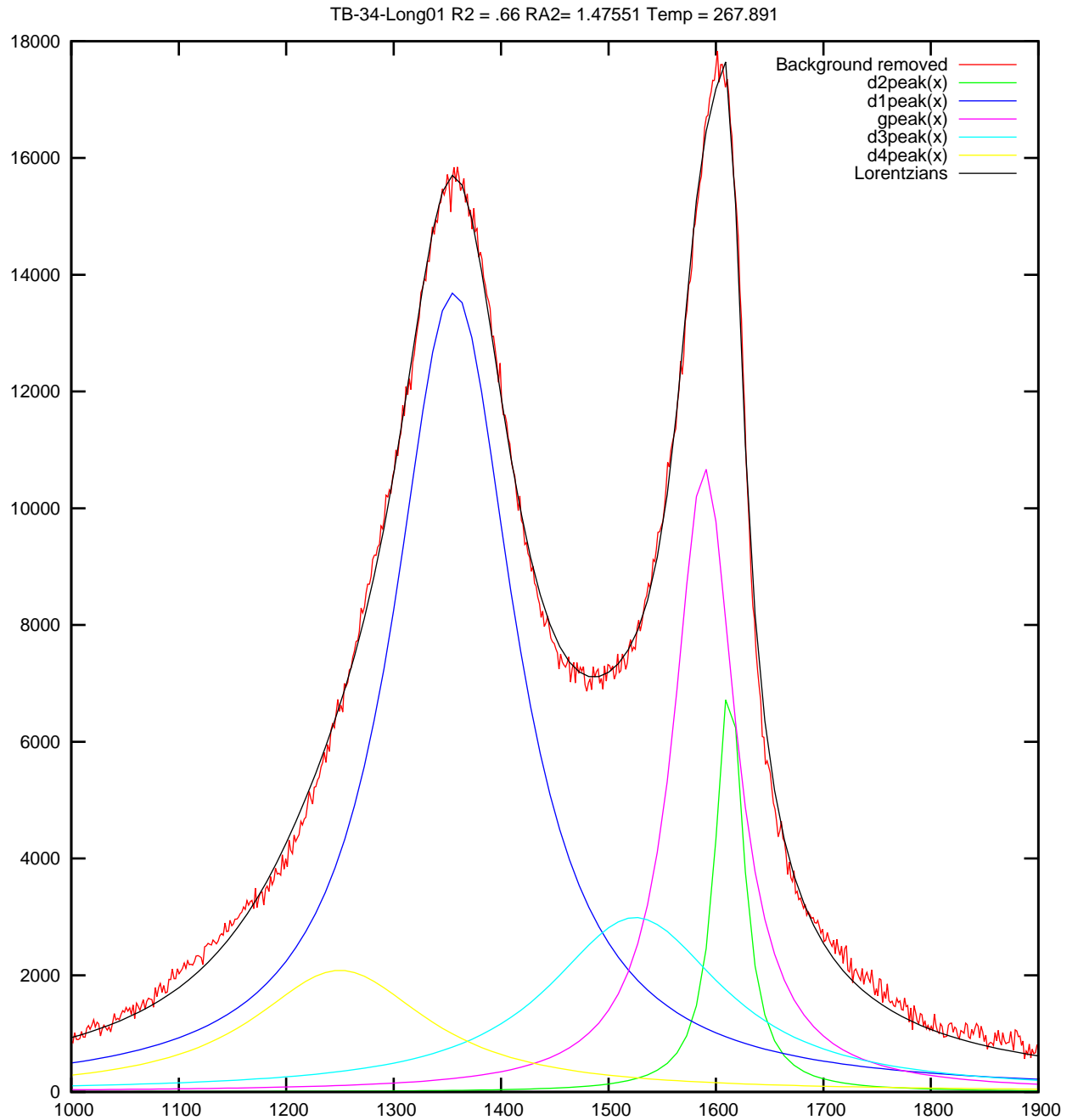
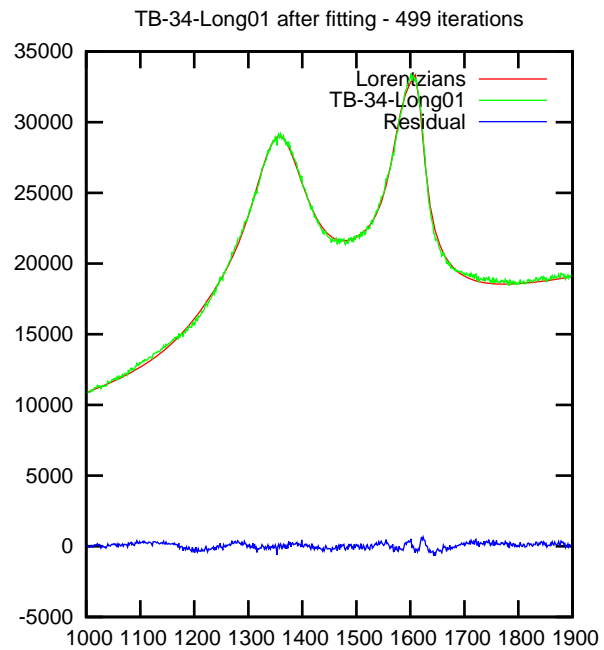
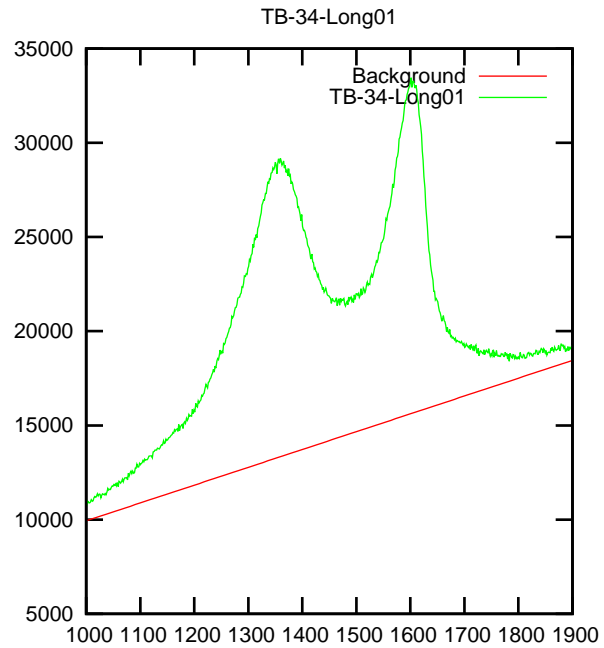


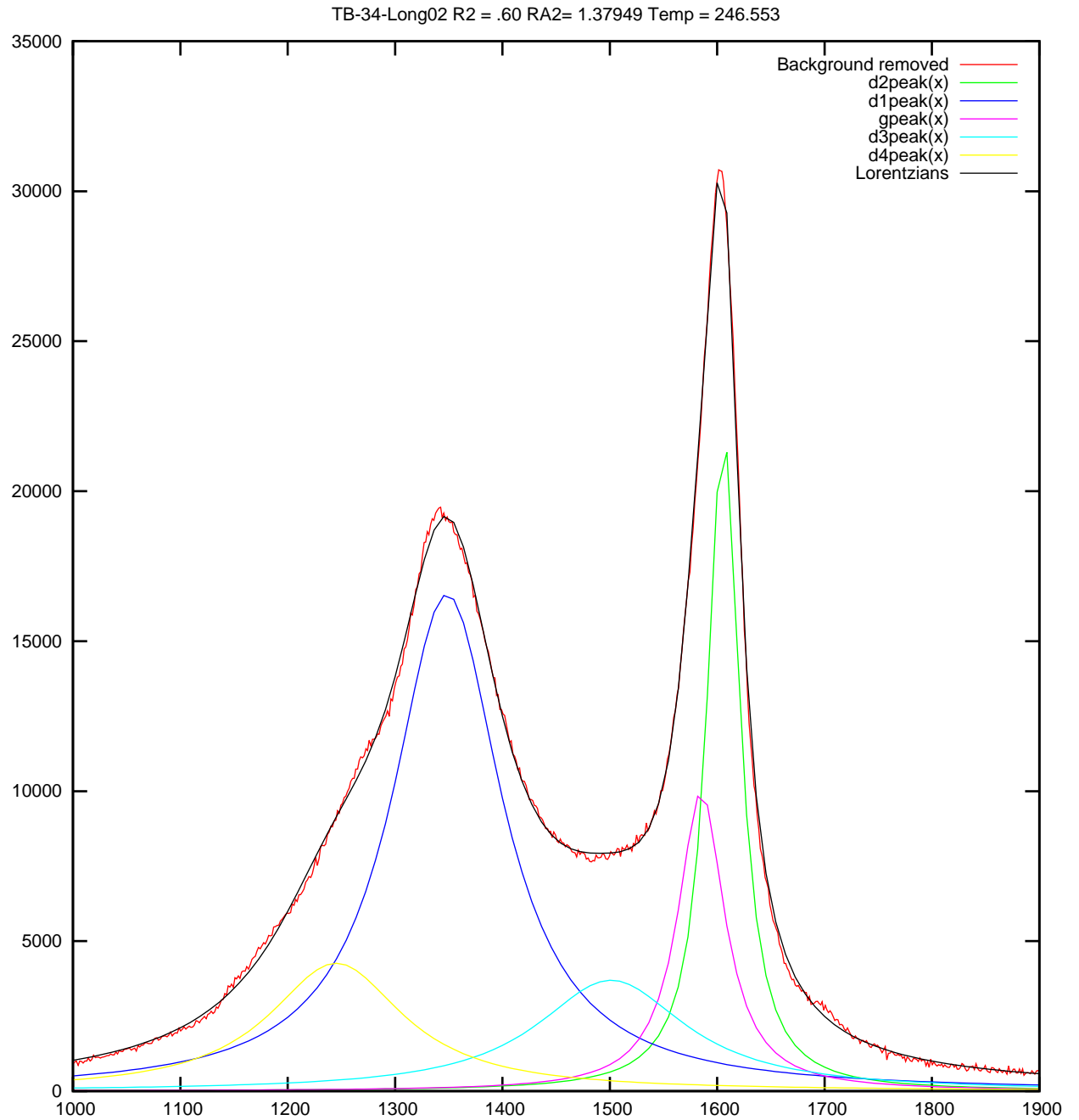
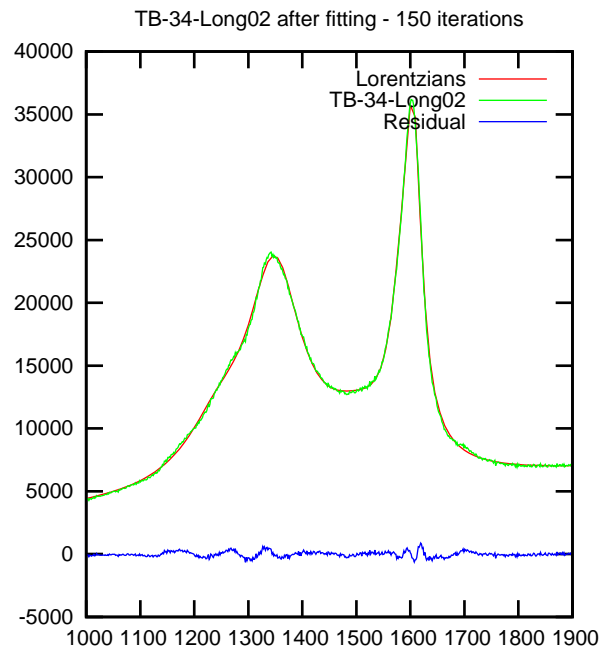
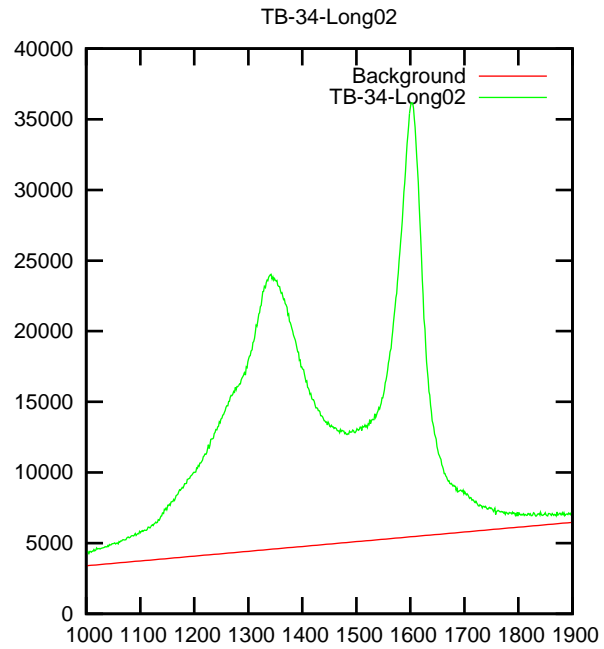


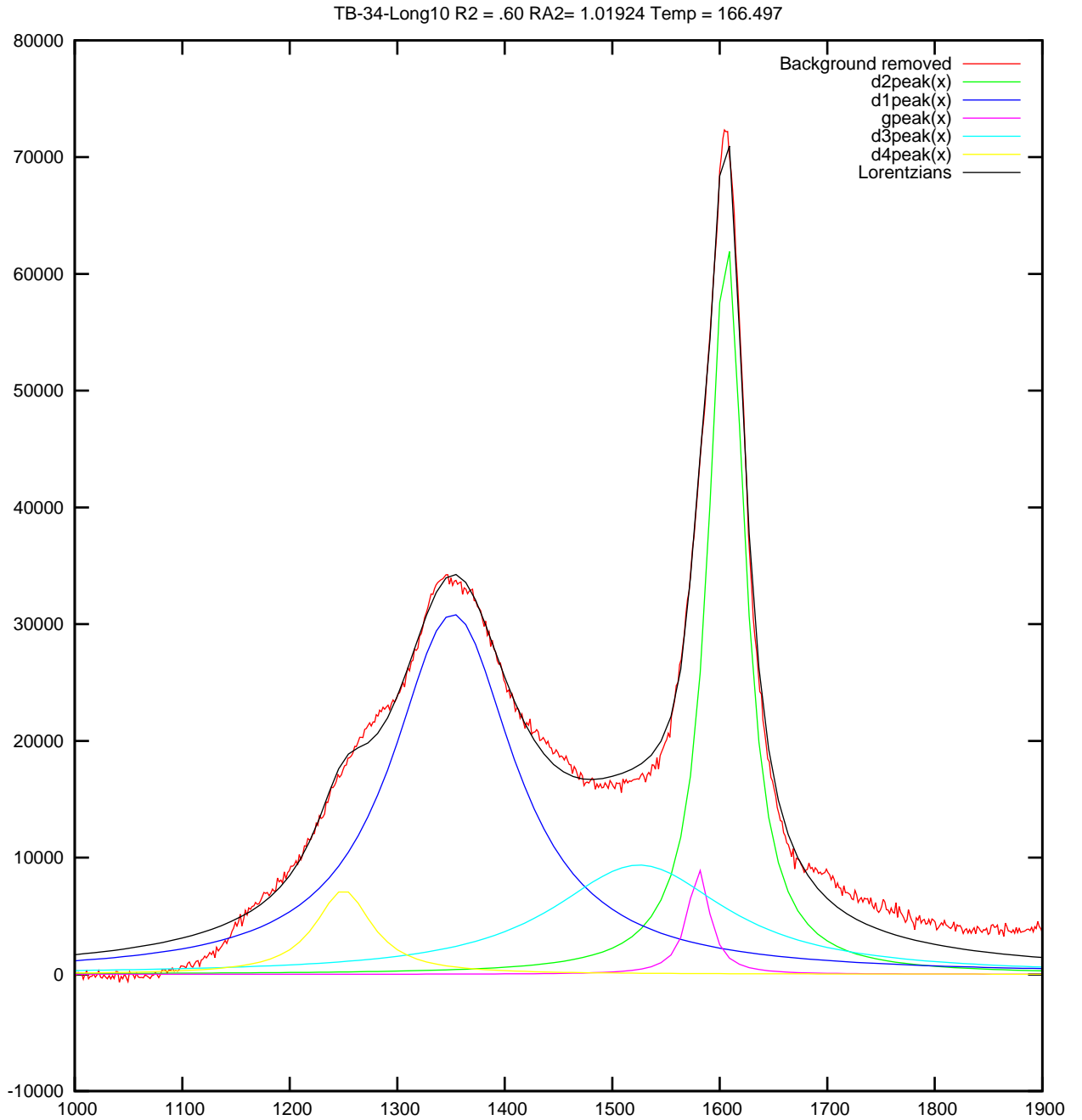
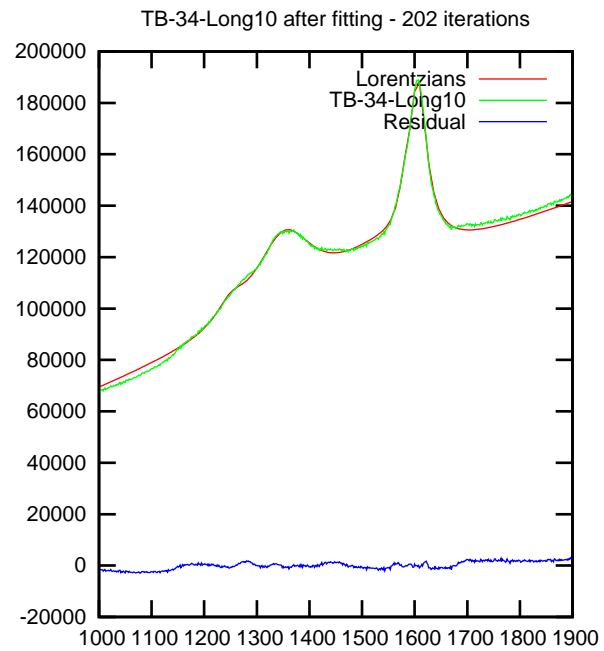
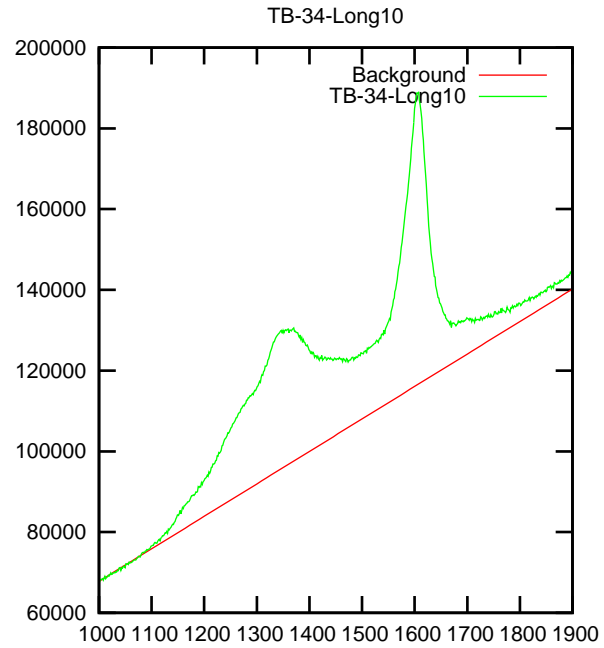


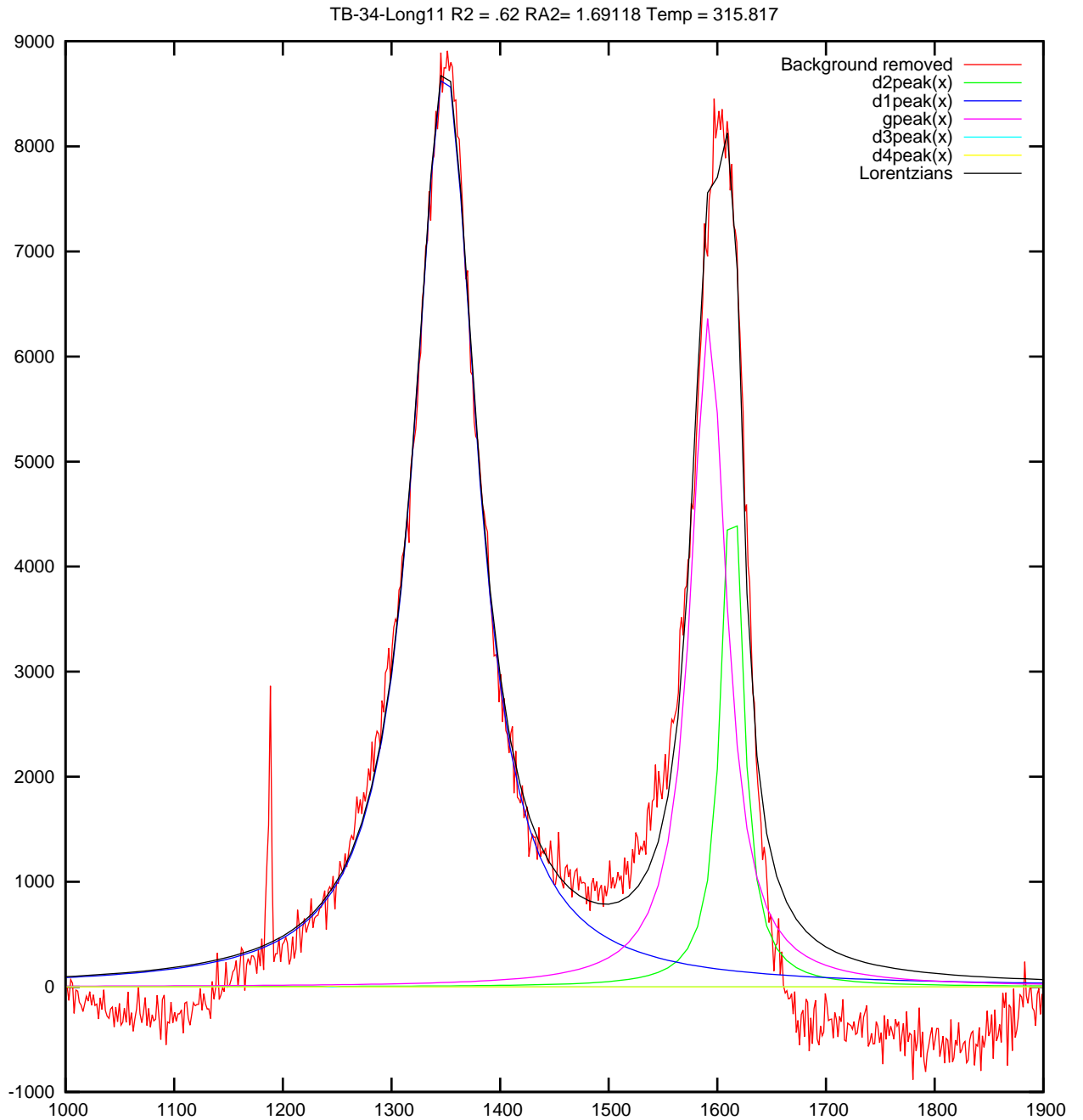
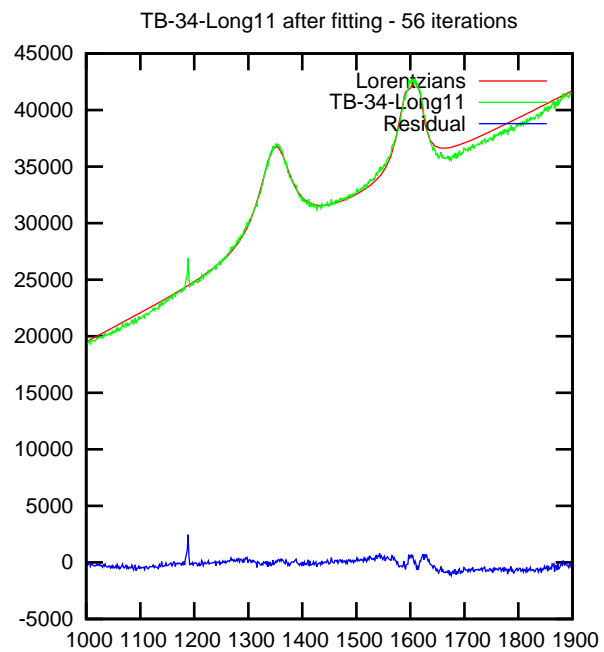
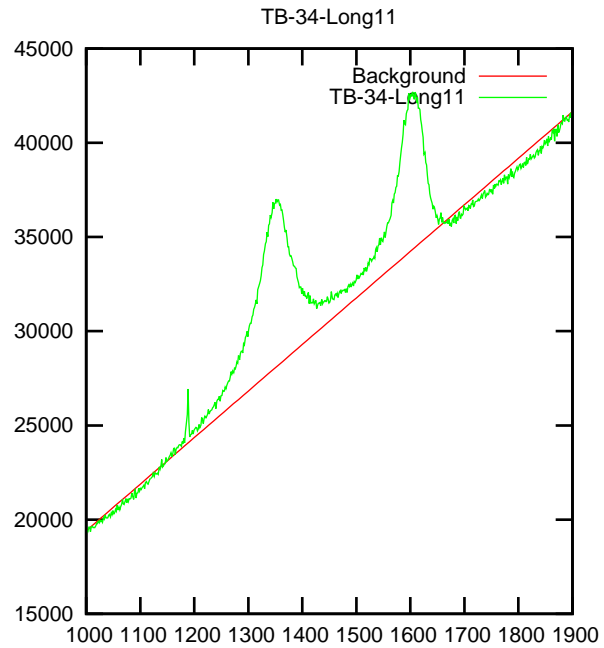


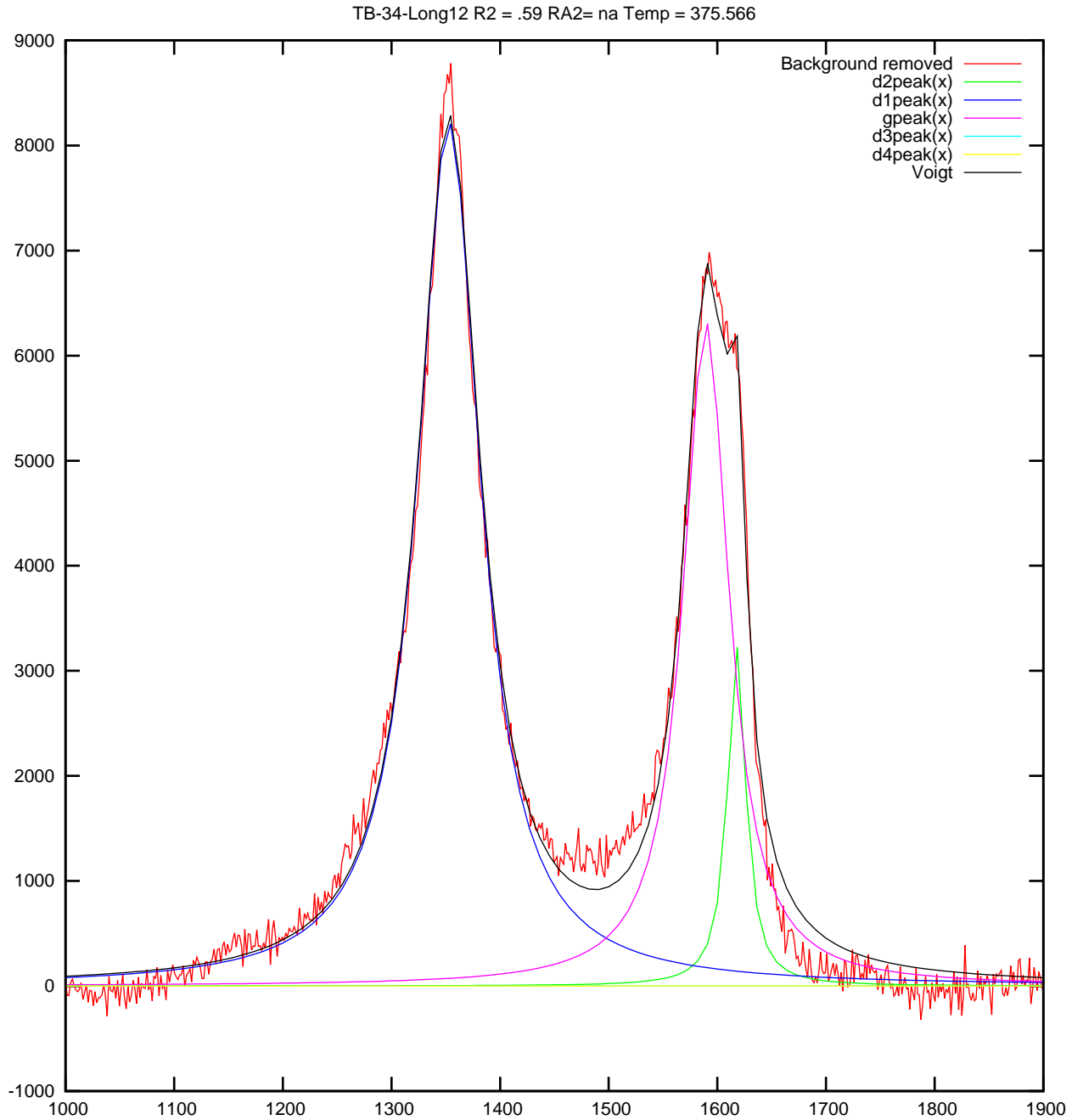
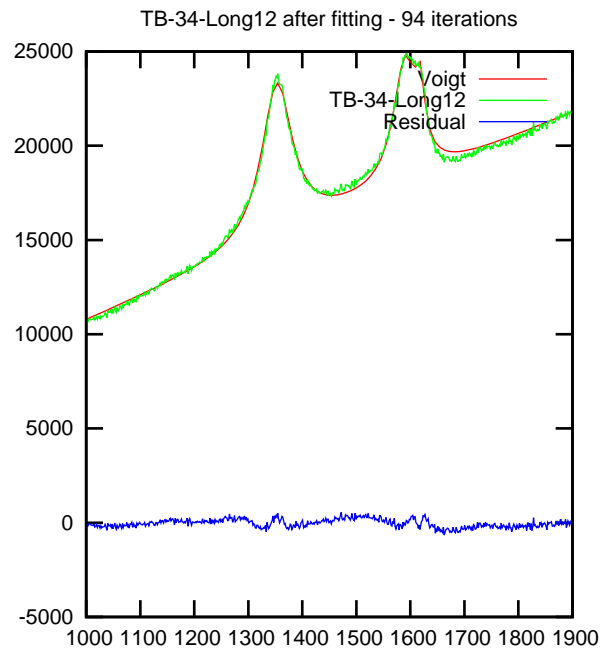
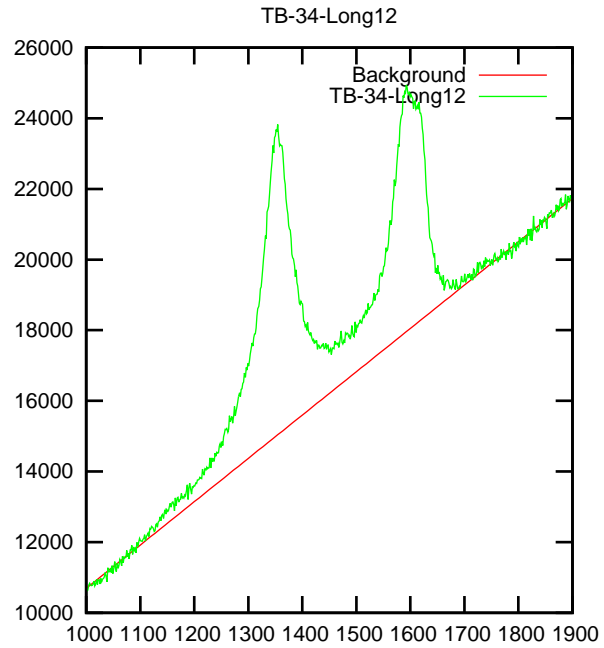


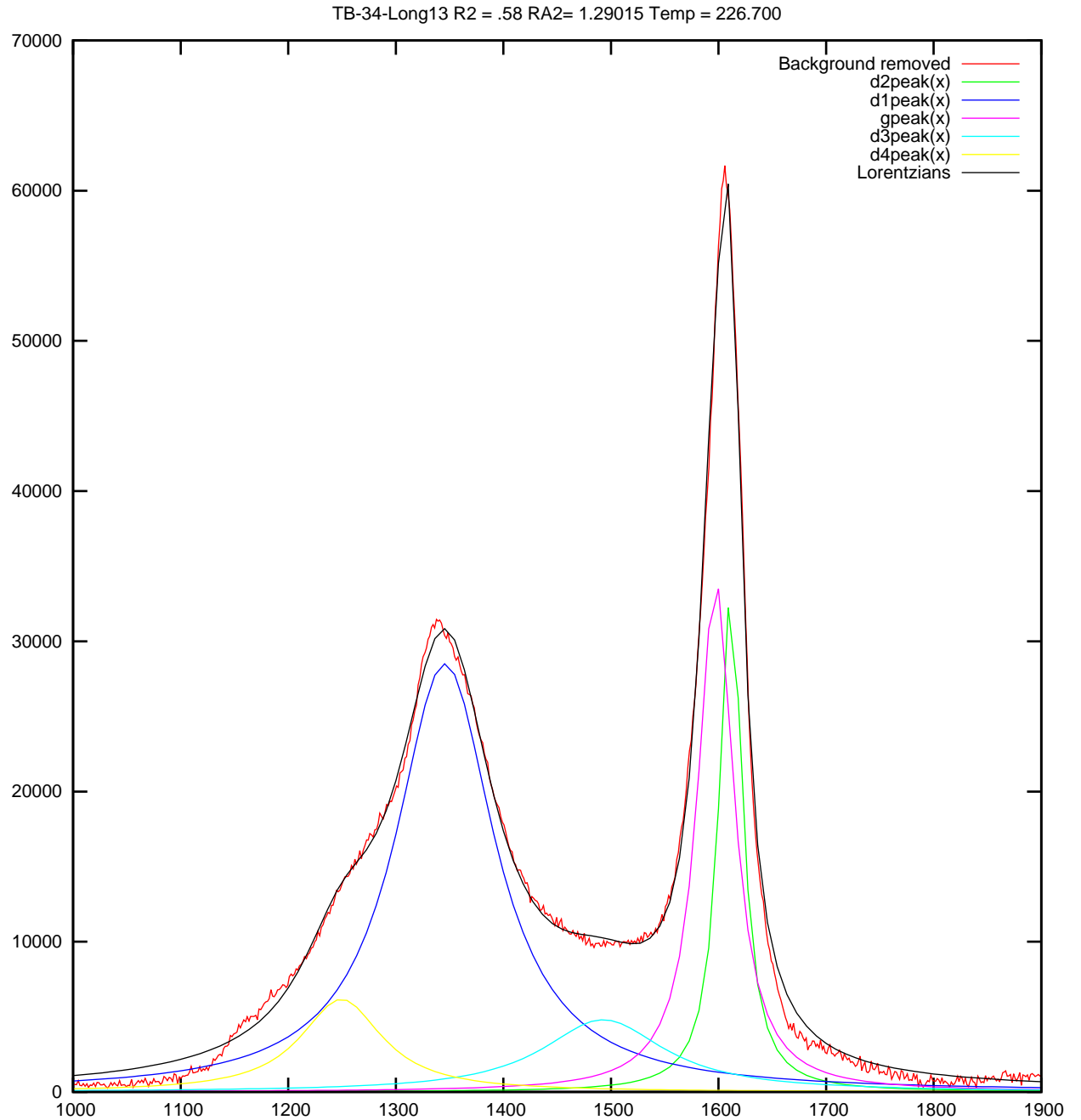
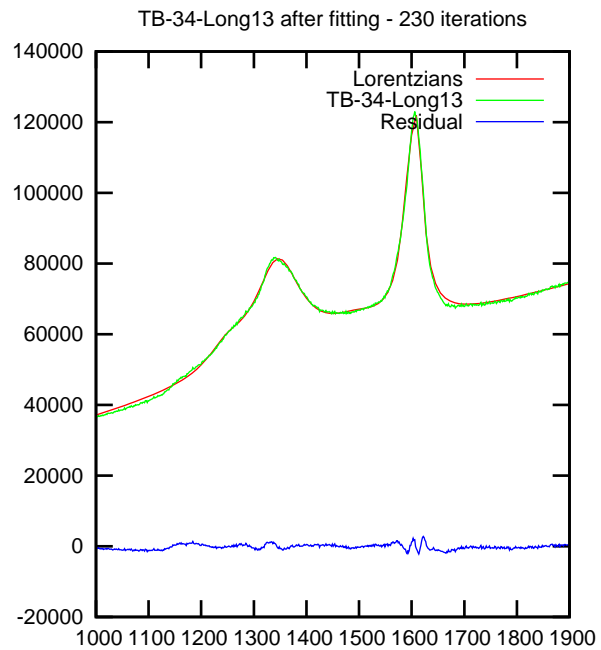
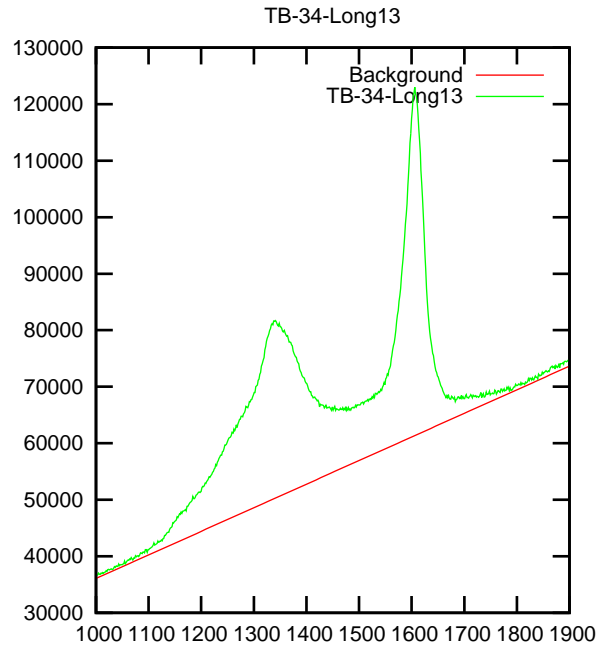




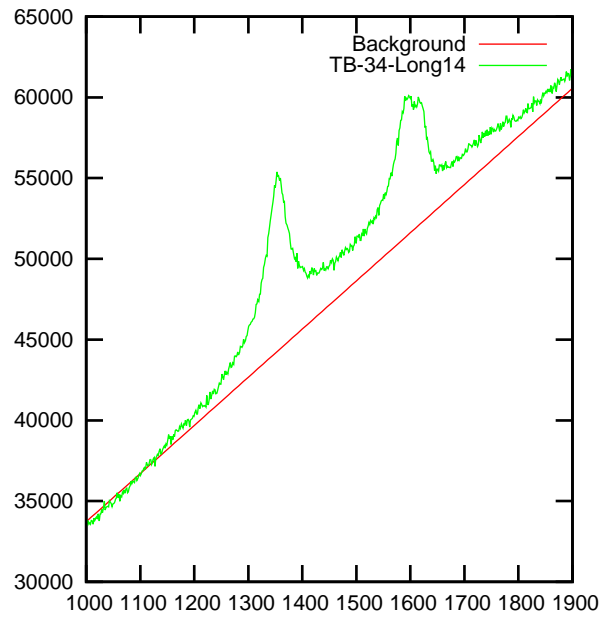




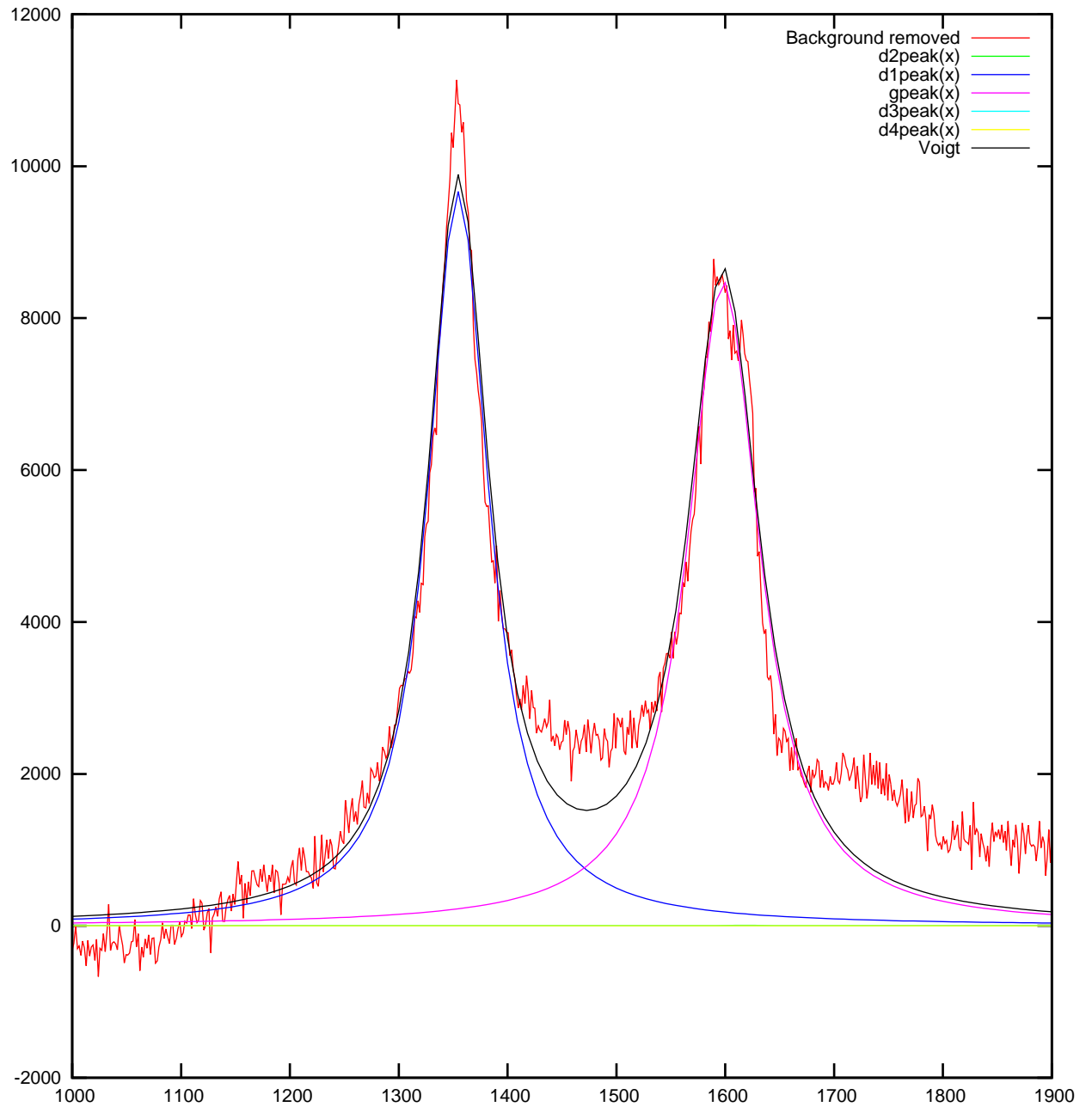




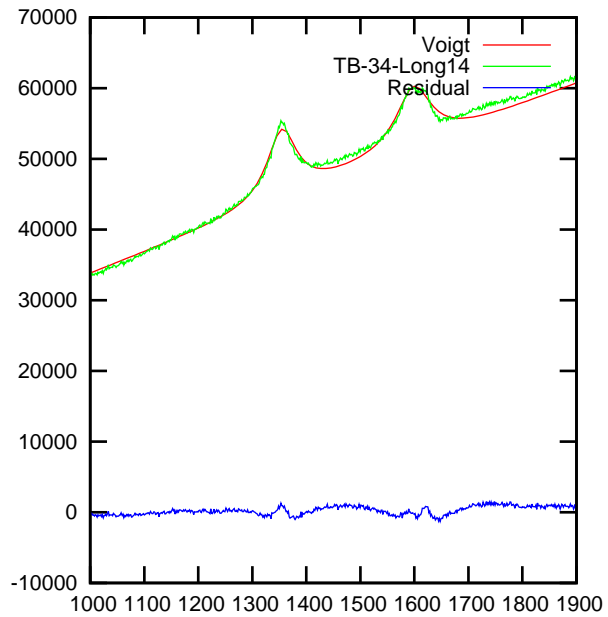
TB-34-Long14



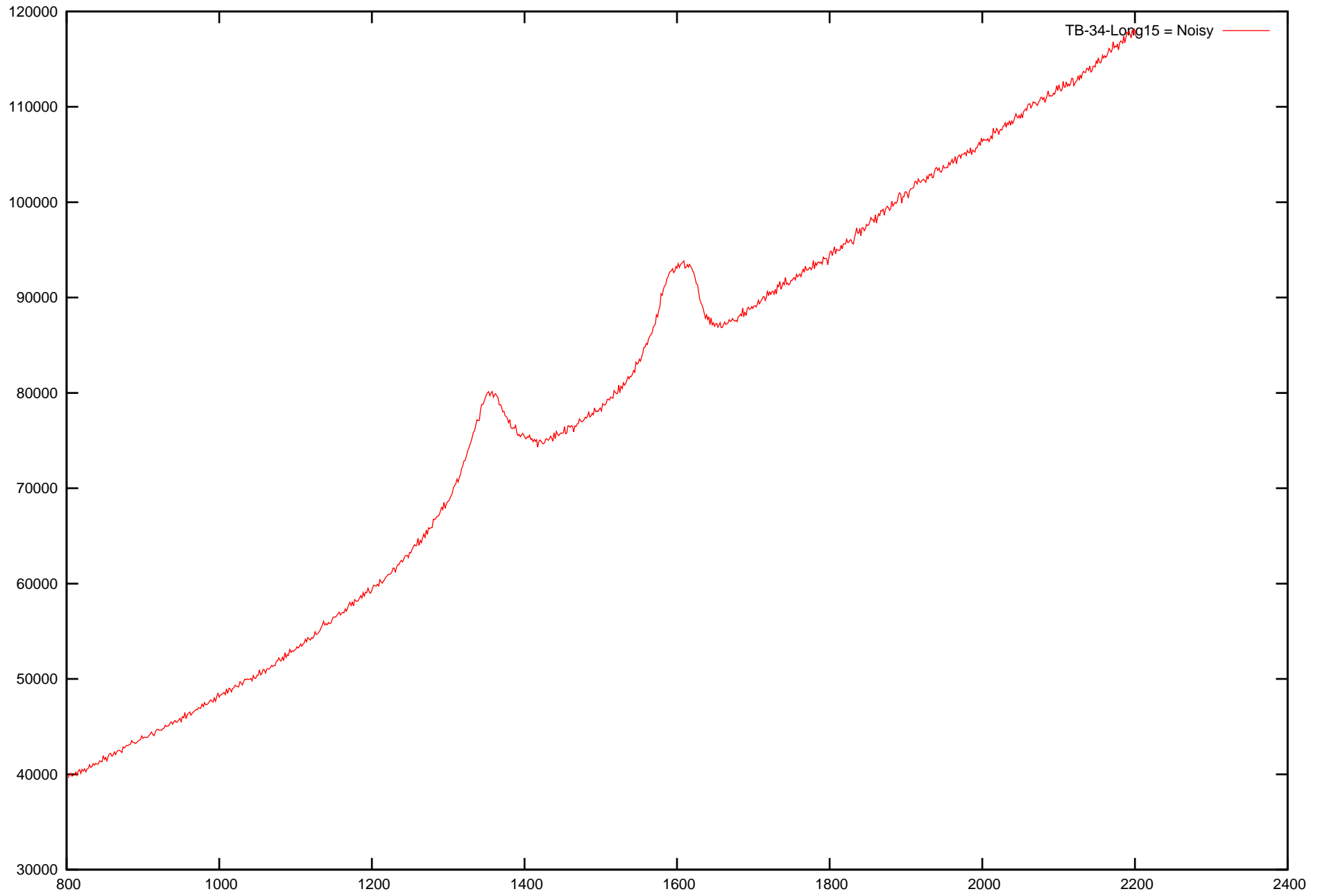
TB-34-Long14 R2 = .49 RA2= na Temp = 422.883



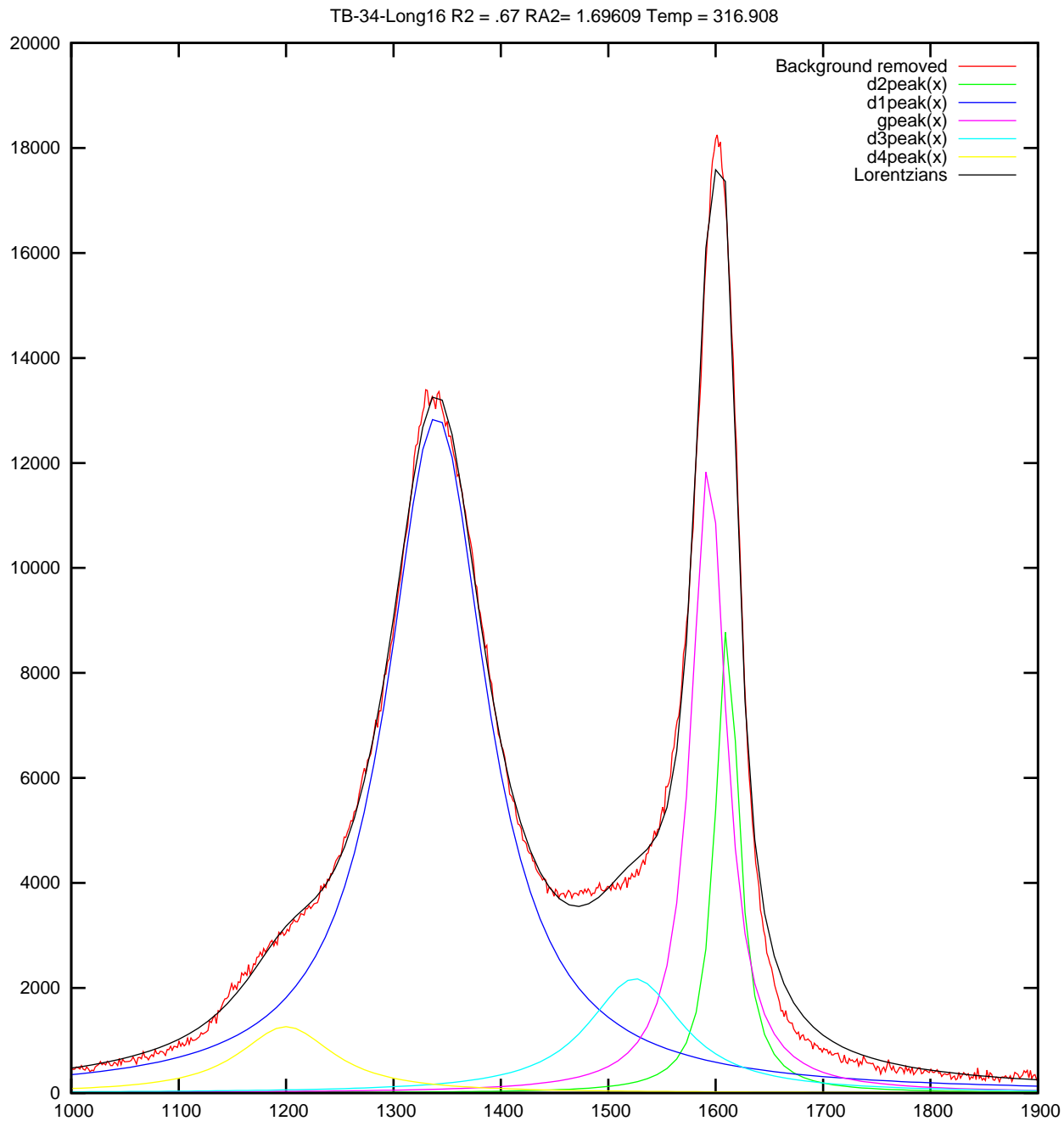
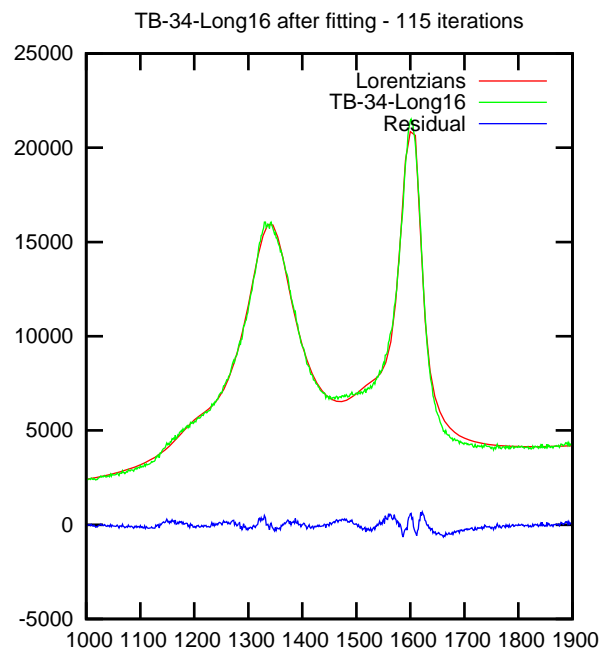
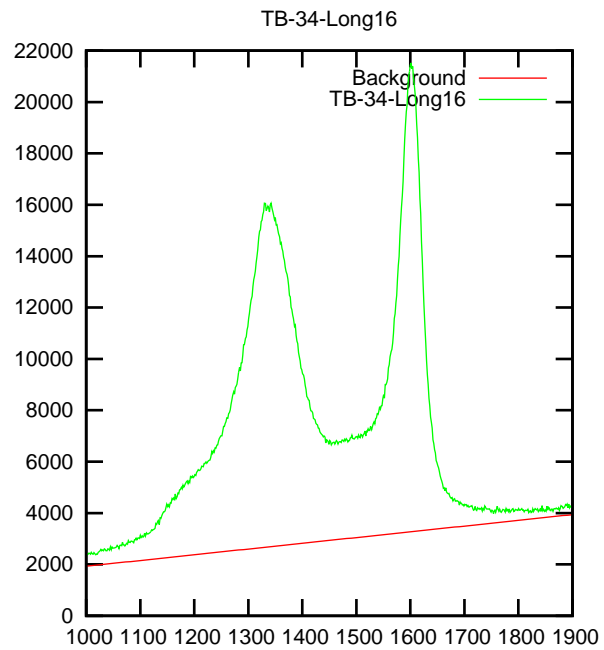
TB-34-Long14 after fitting - 1127 iterations

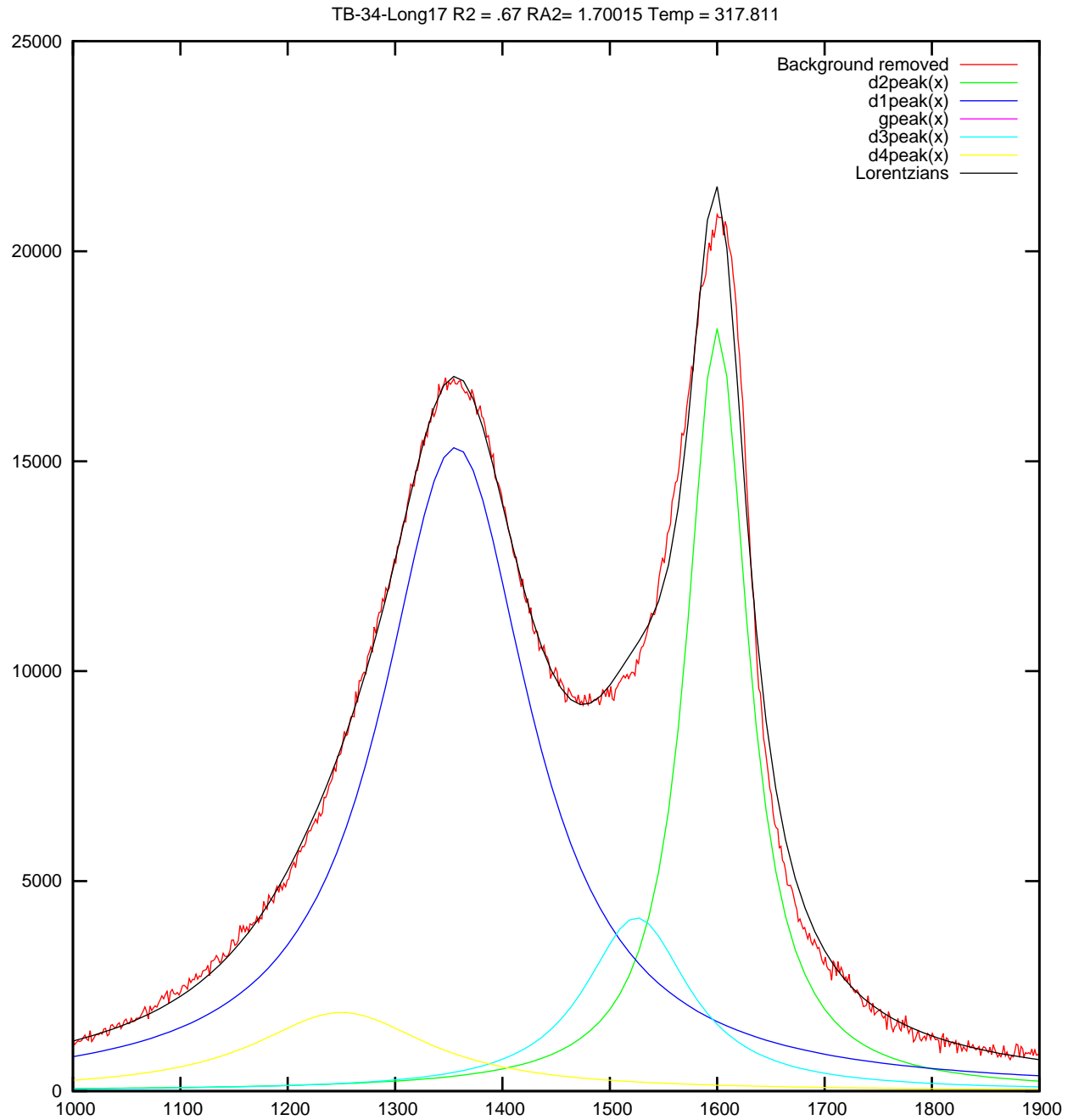
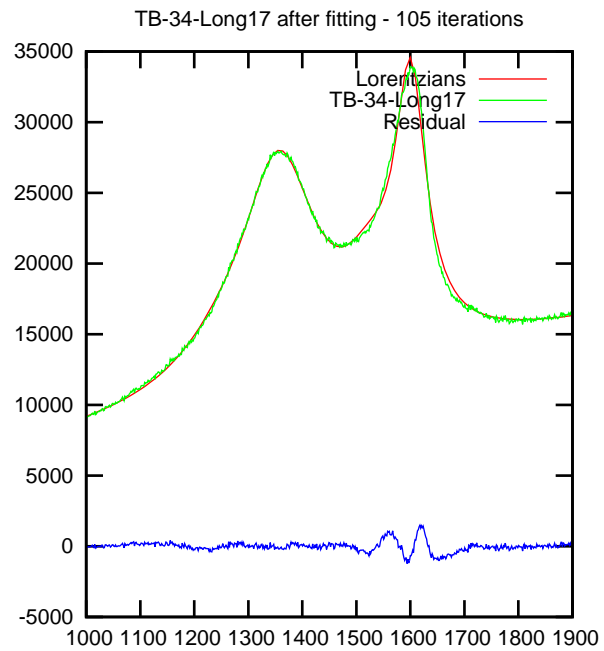
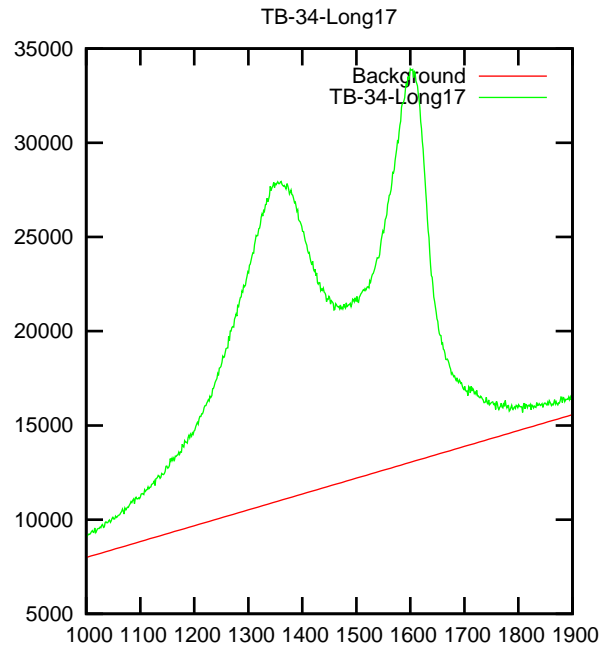


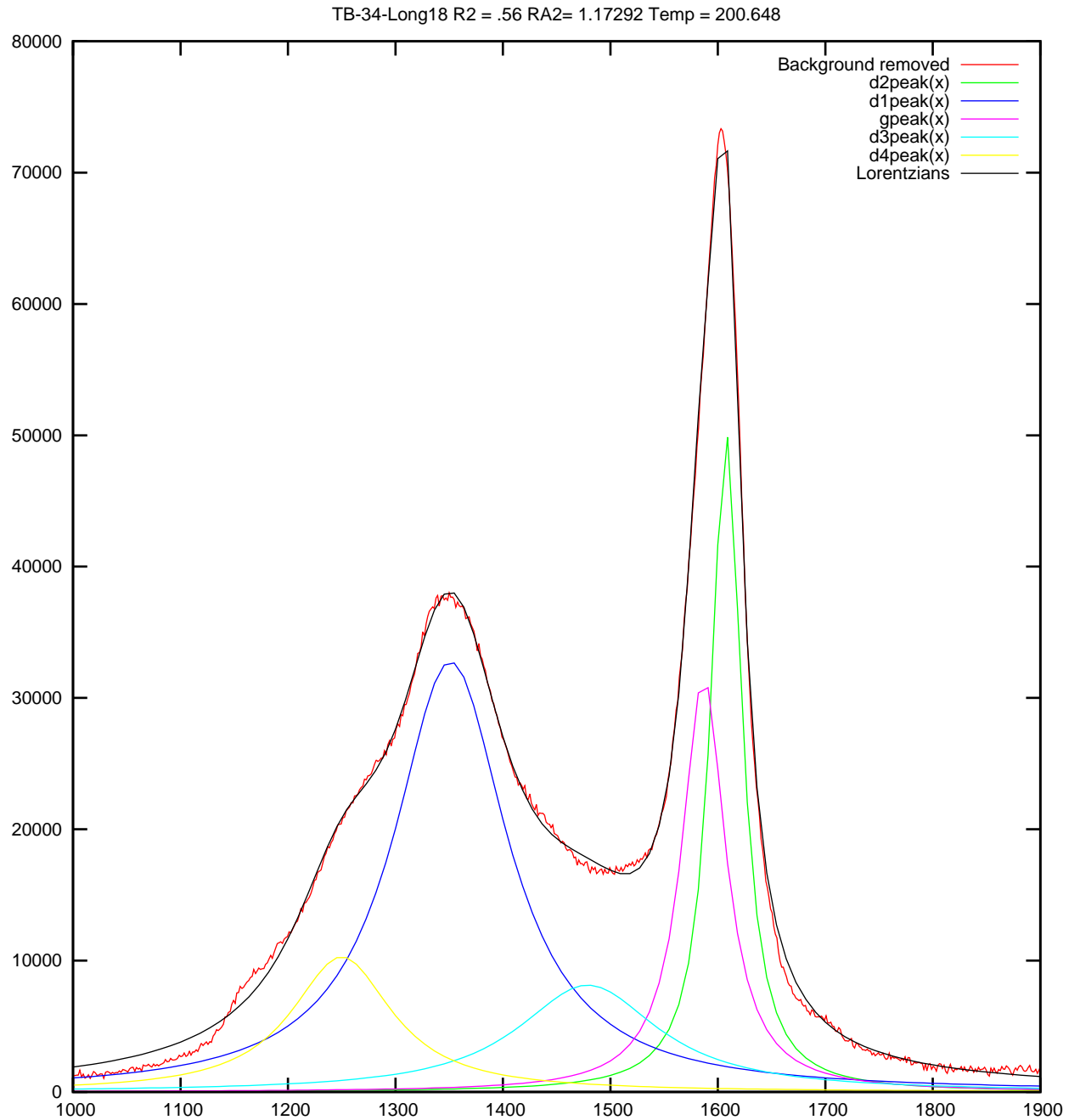
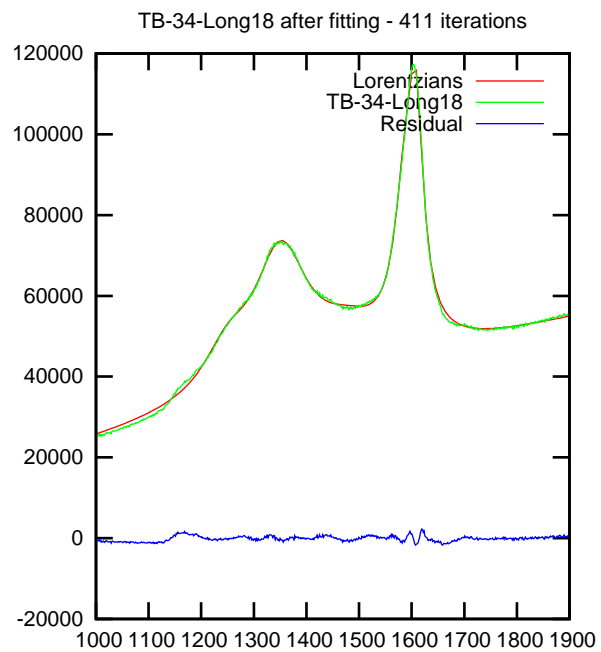
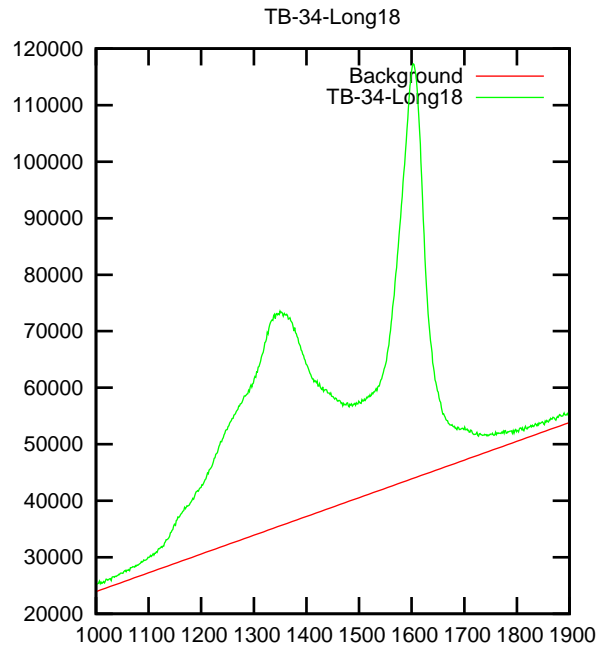
TB-34-Long15 = Noisy

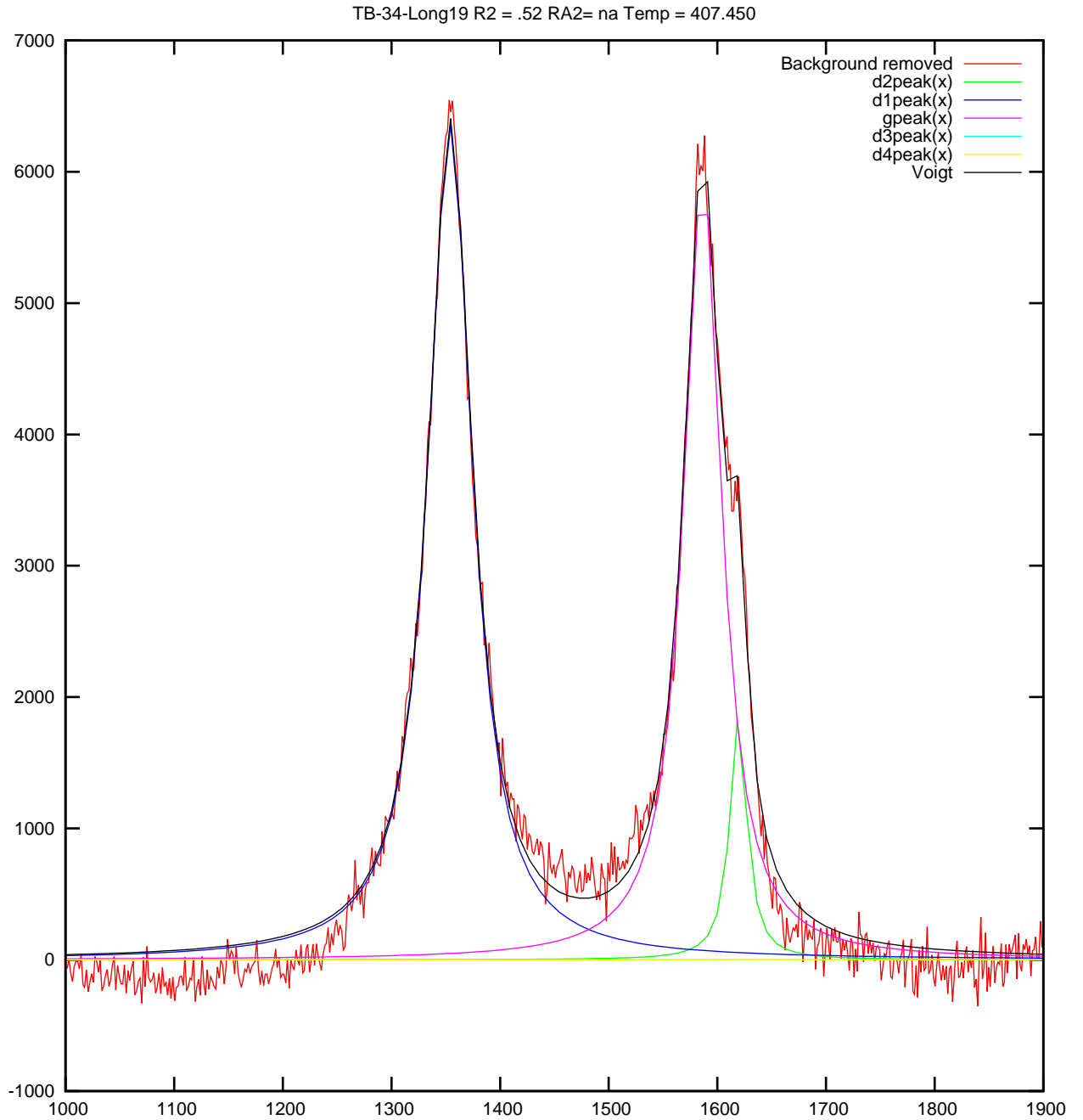
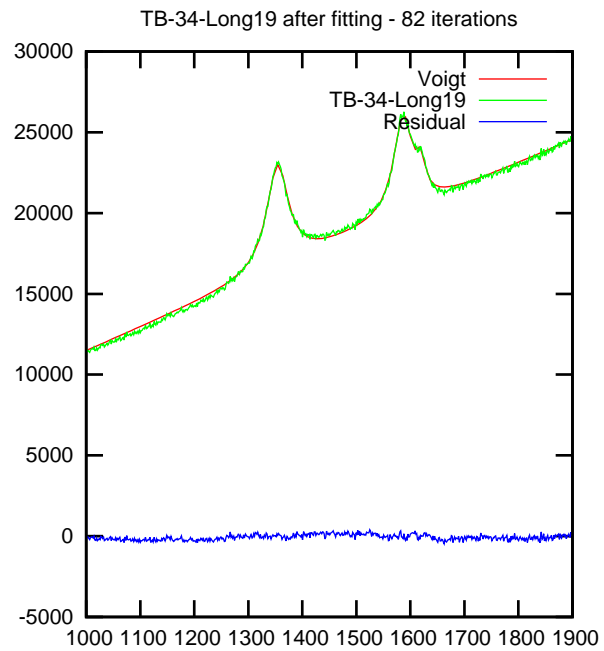
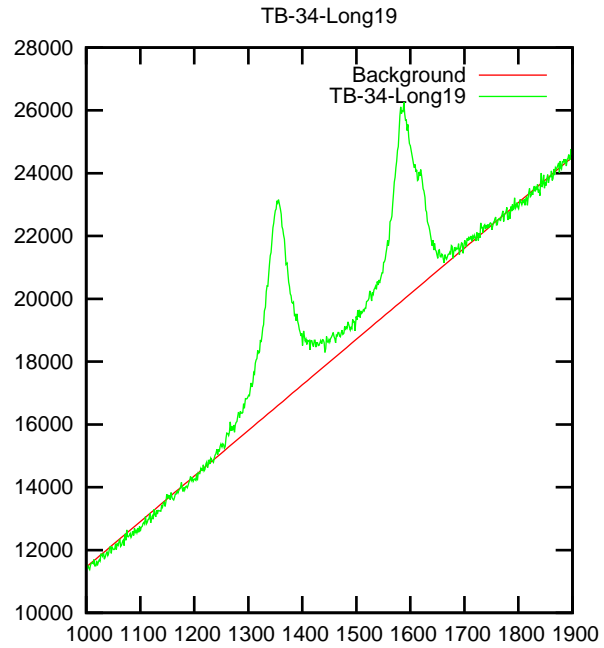


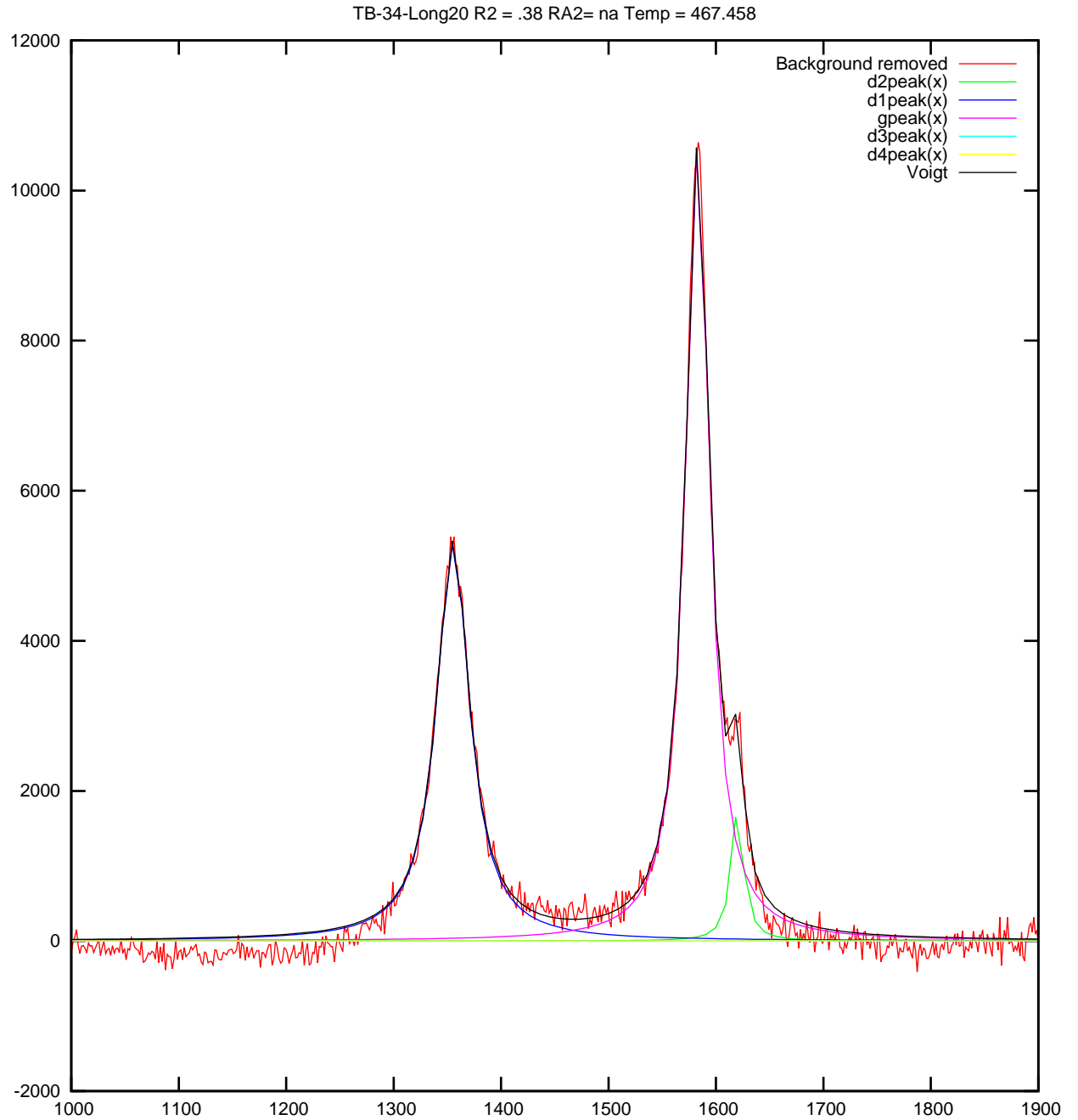
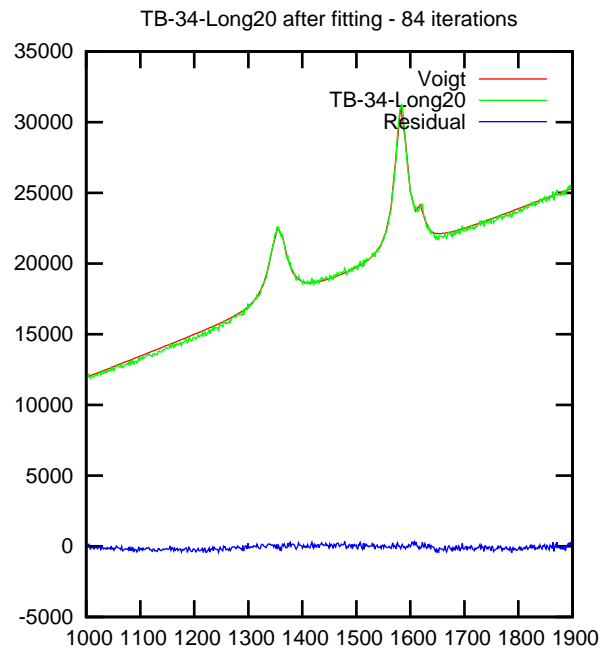
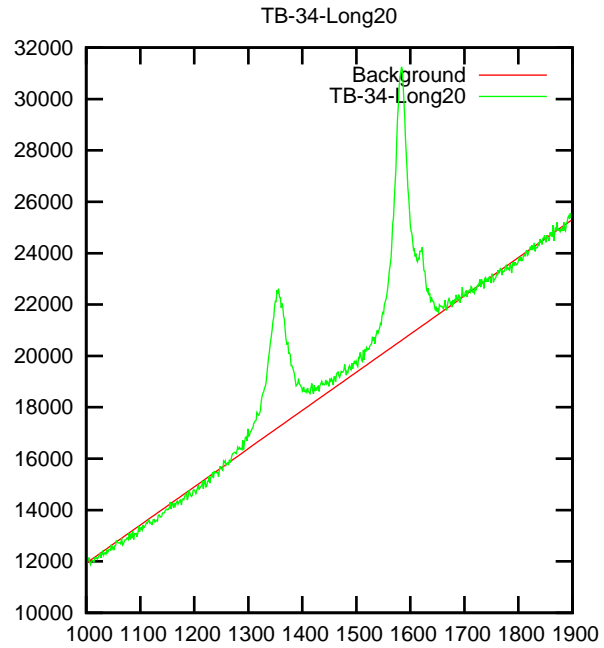
TB-34-Long15 = Noisy

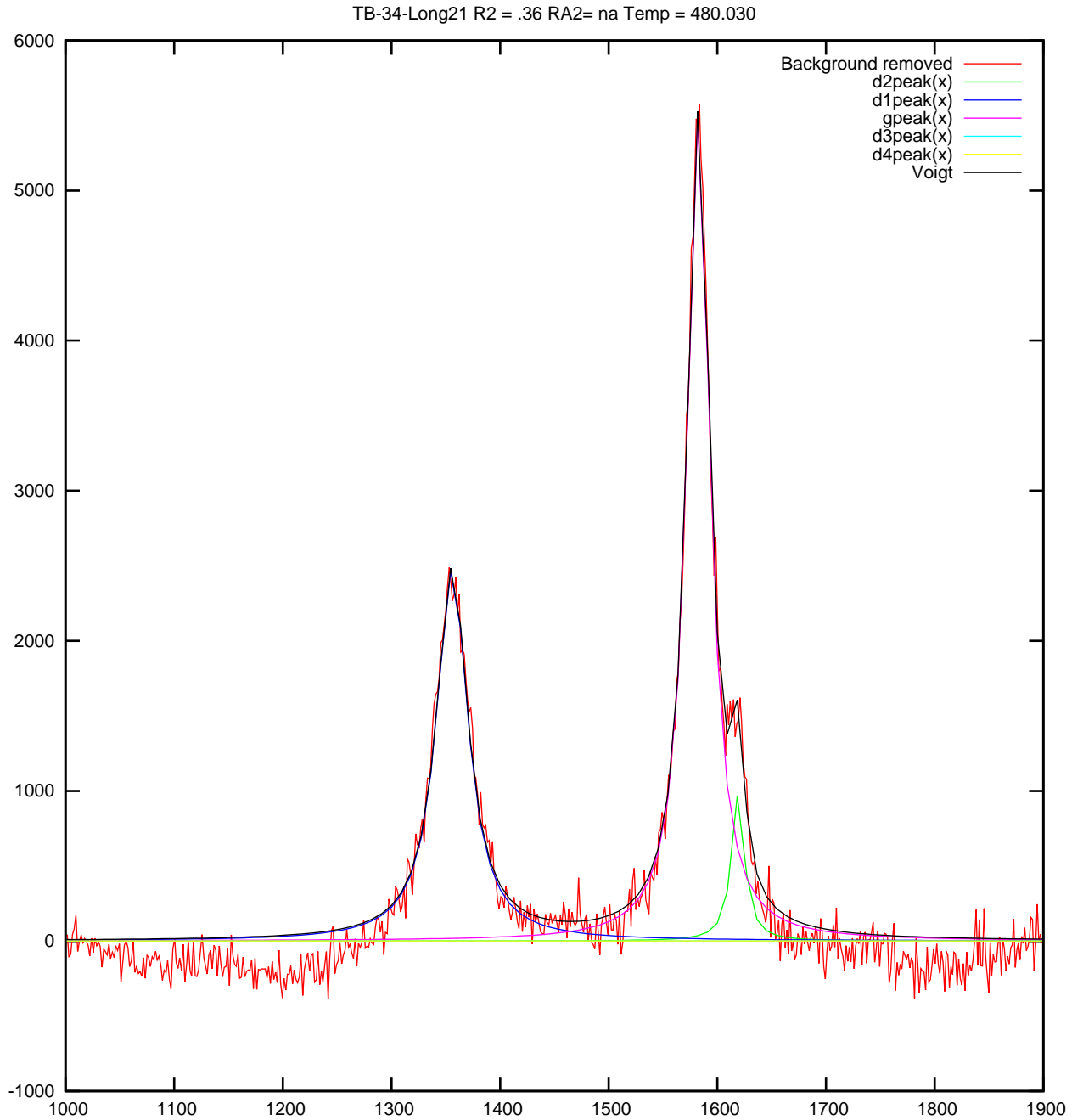
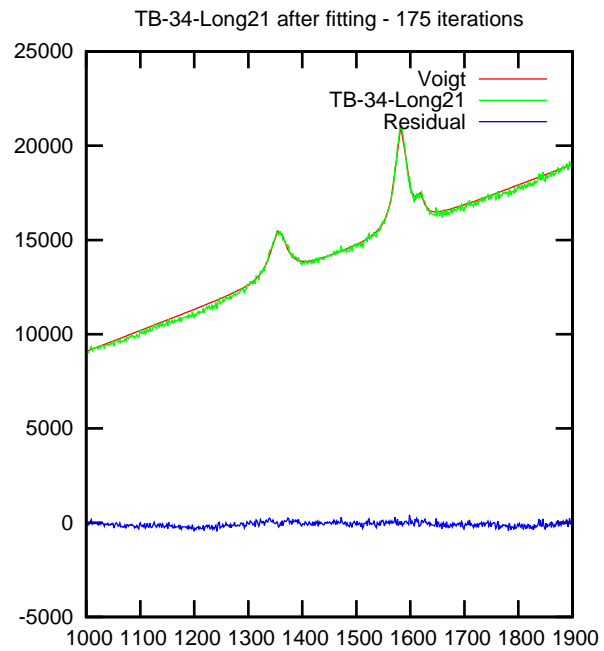
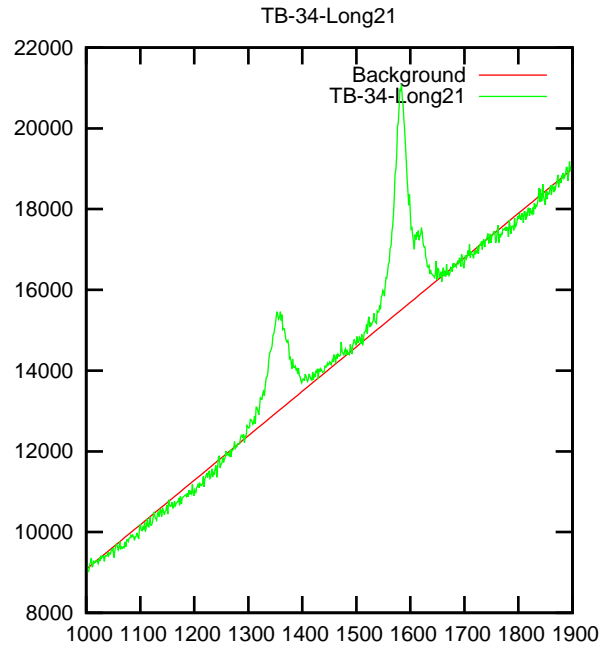


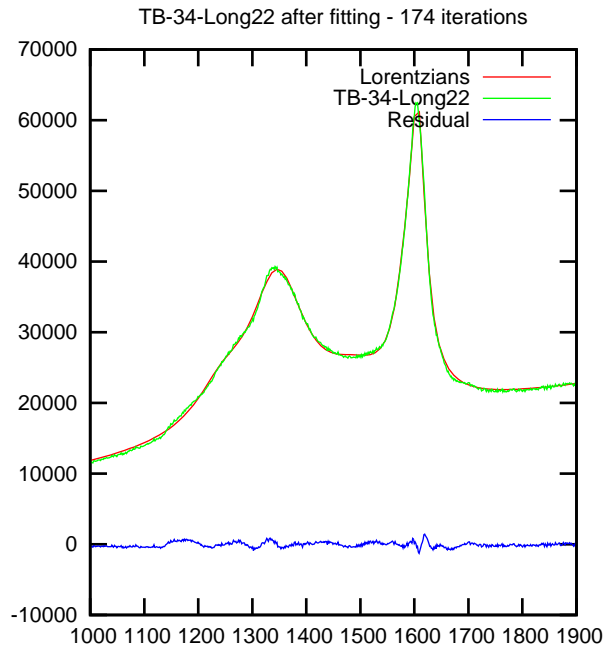
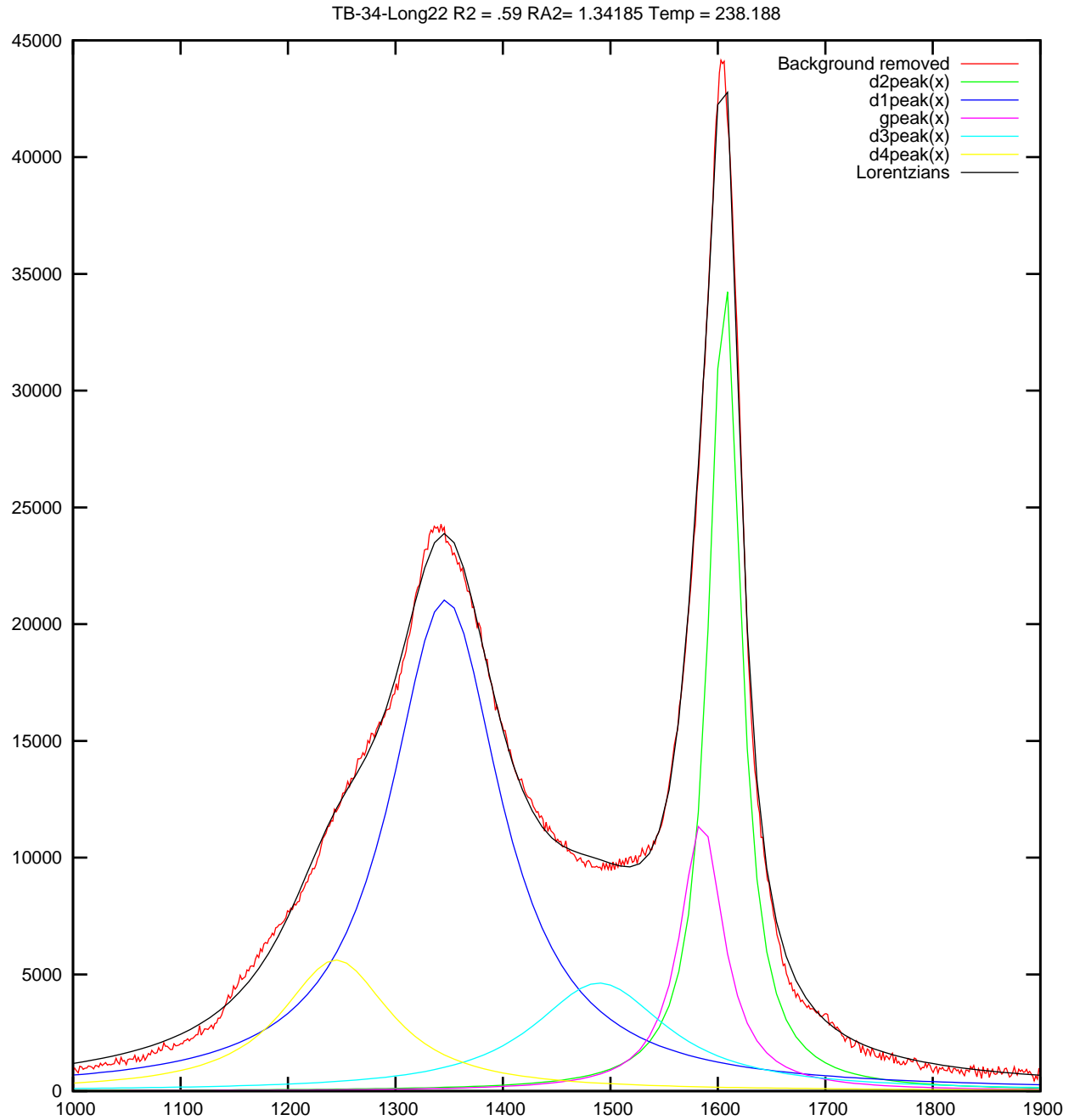
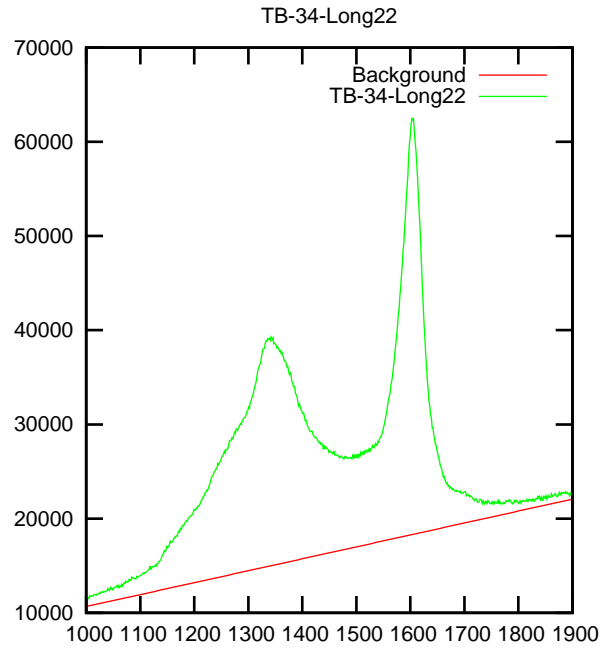




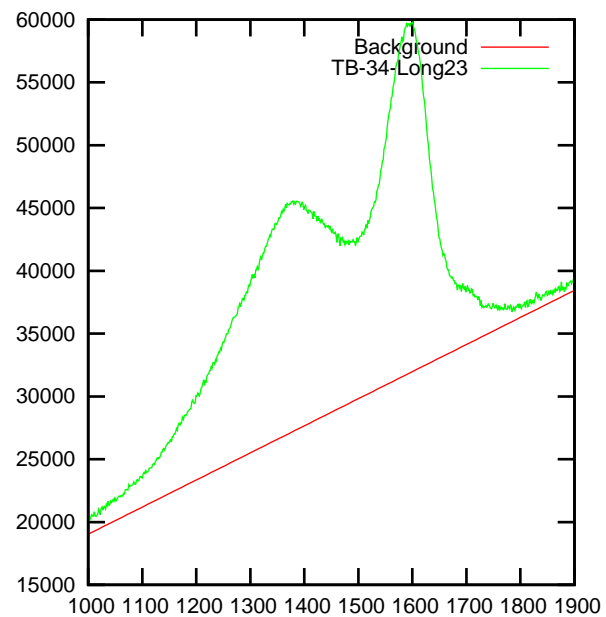




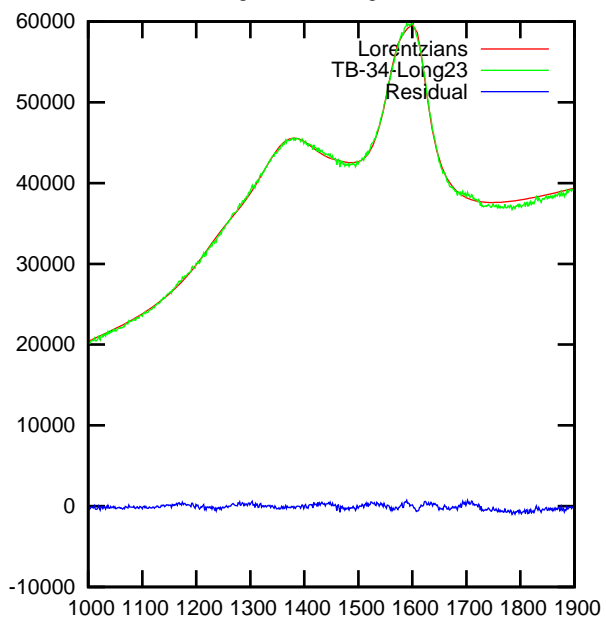




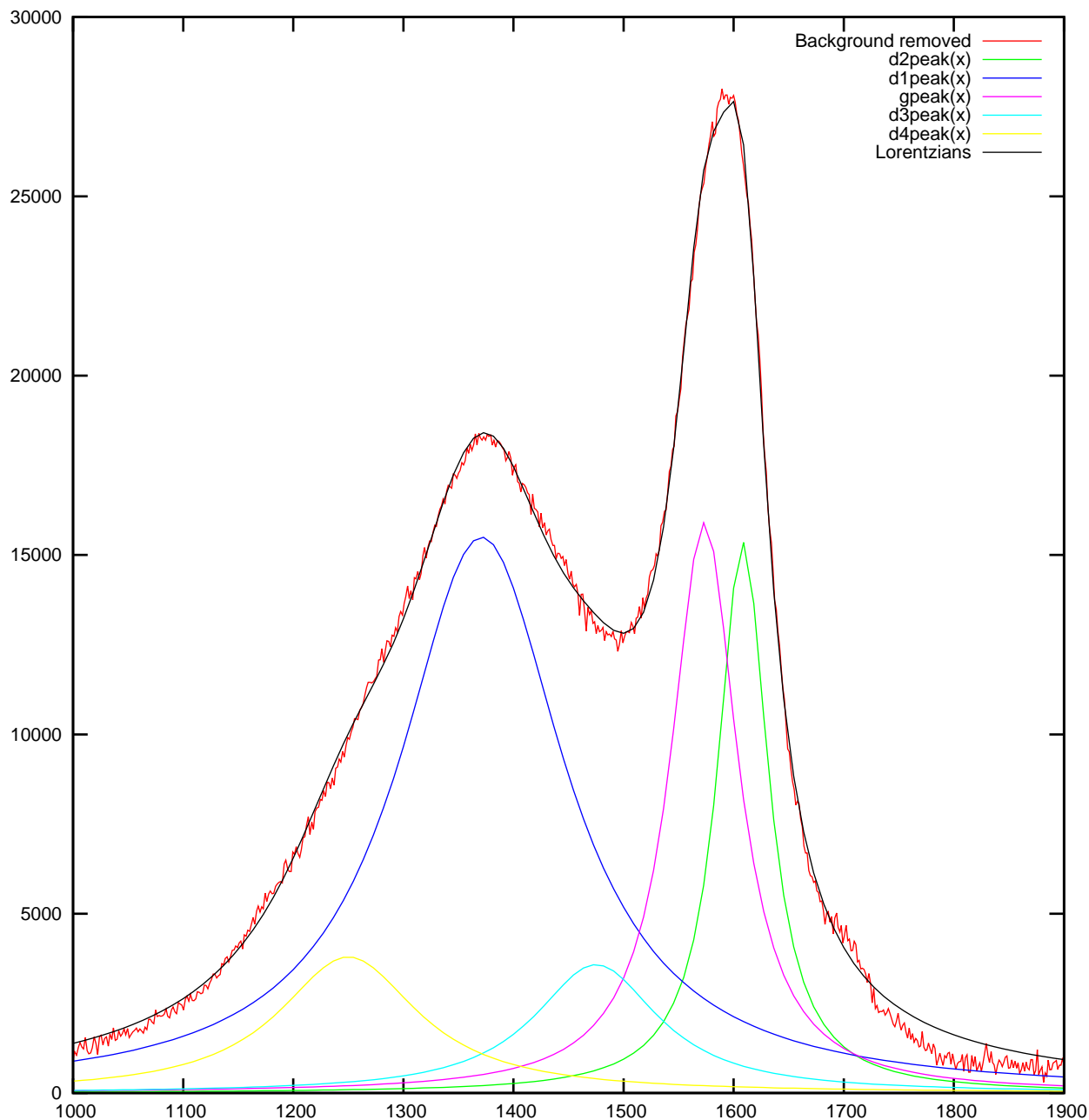
TB-34-Long23

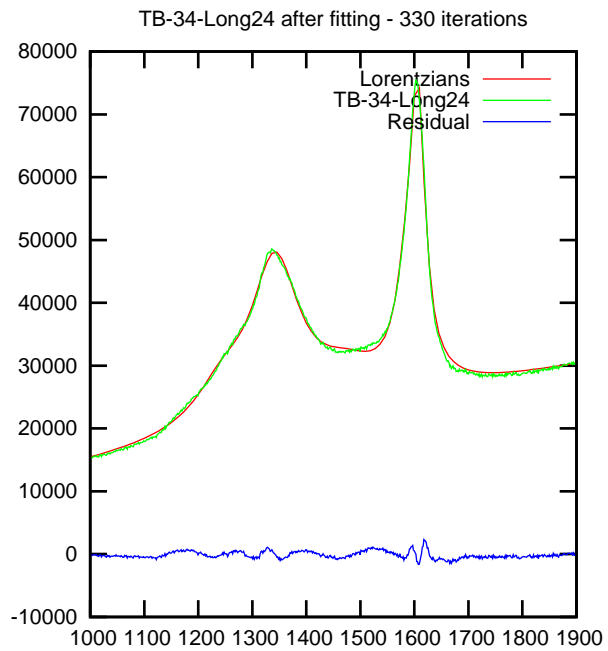
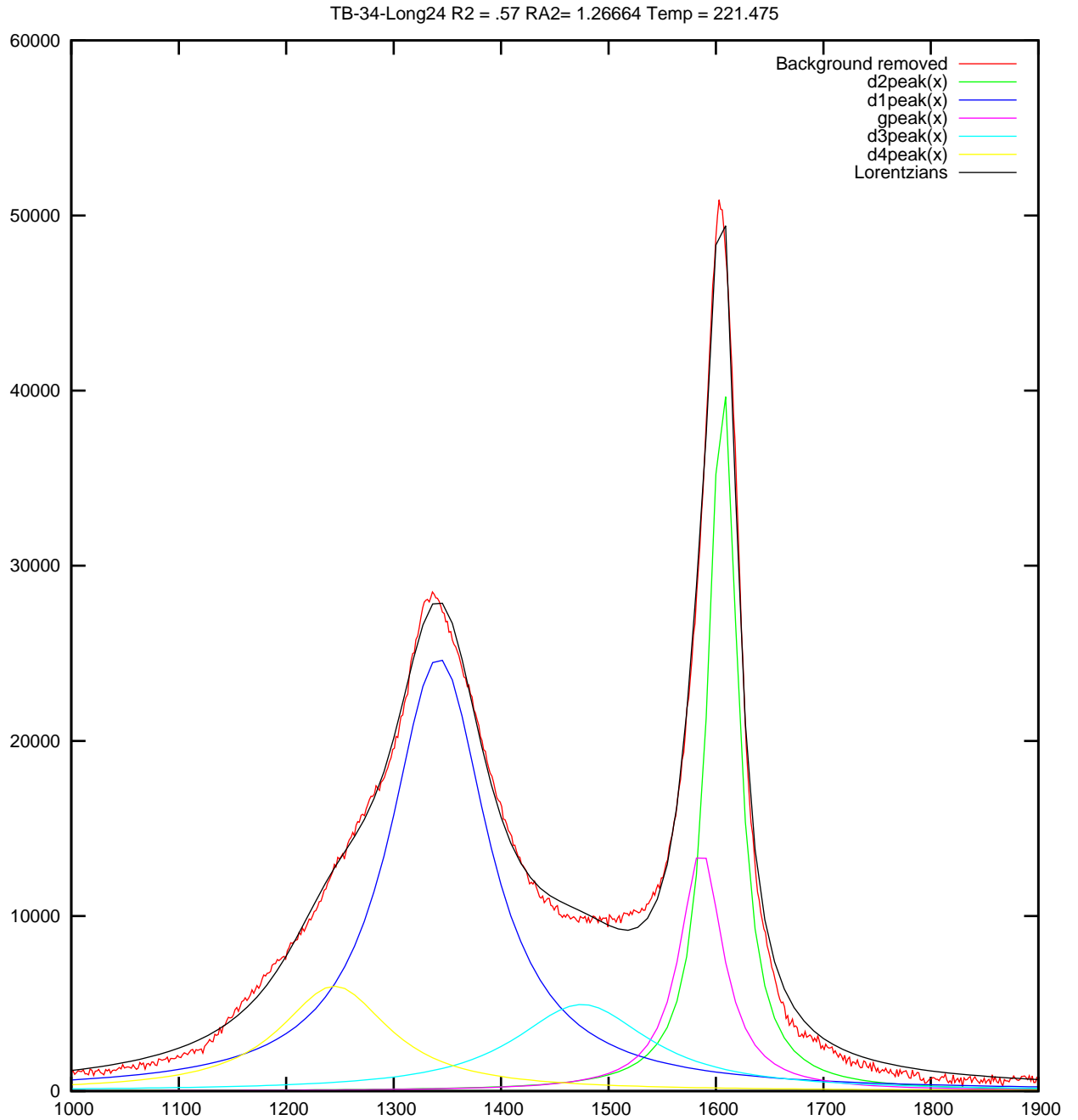
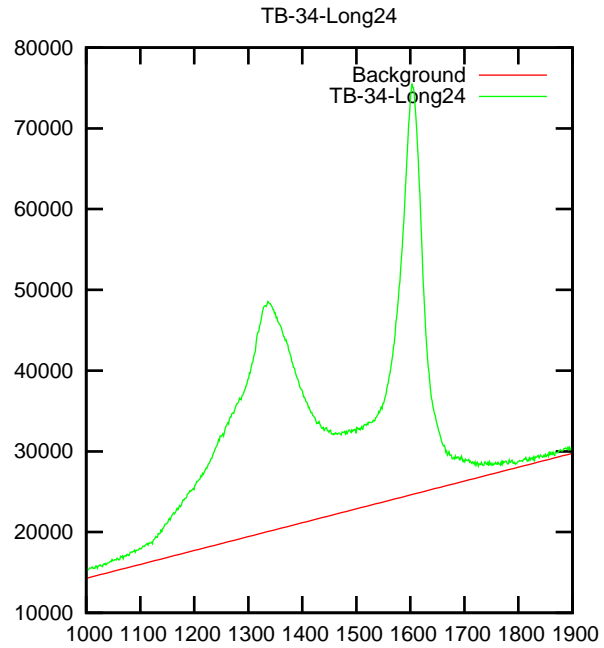


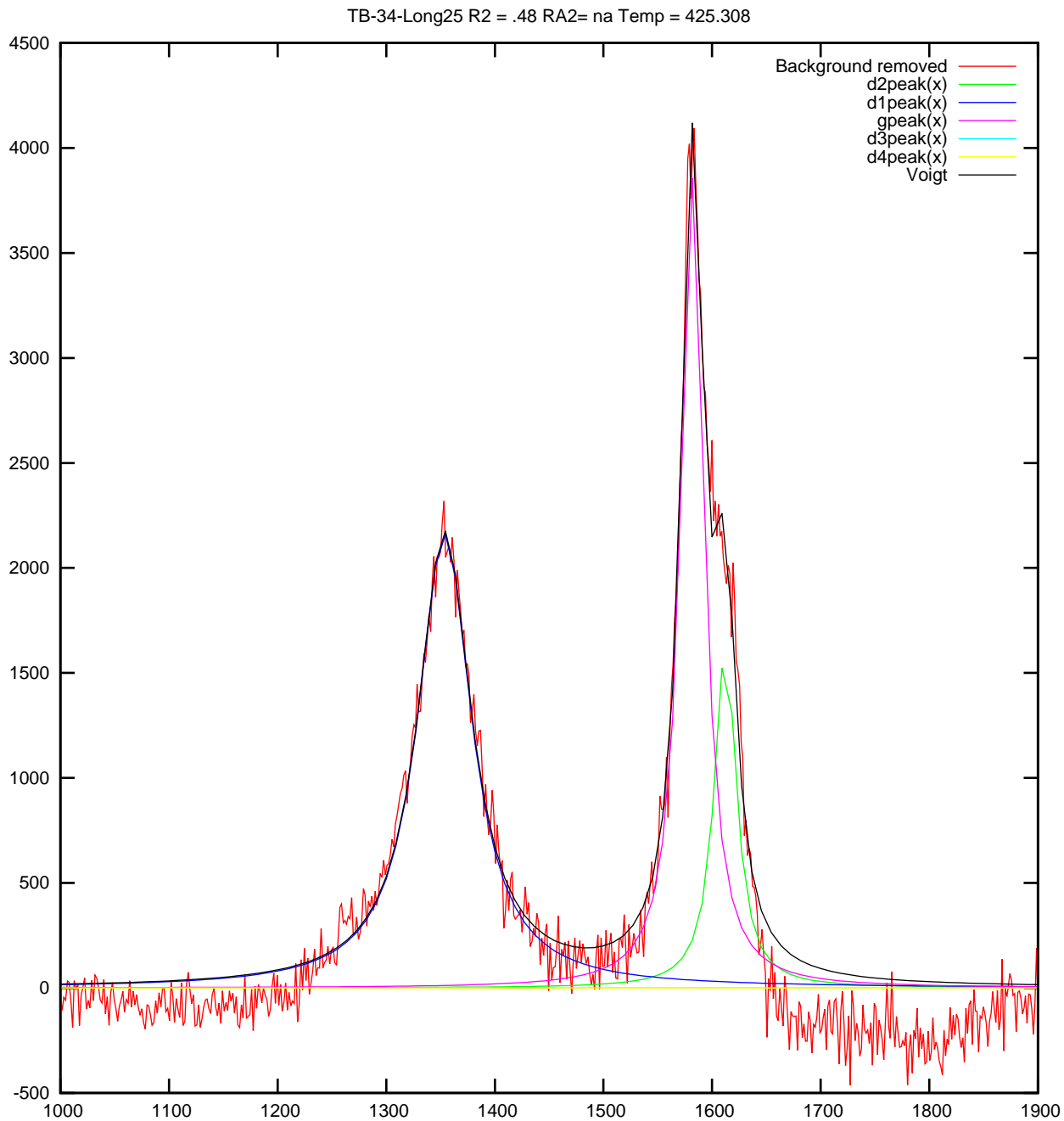
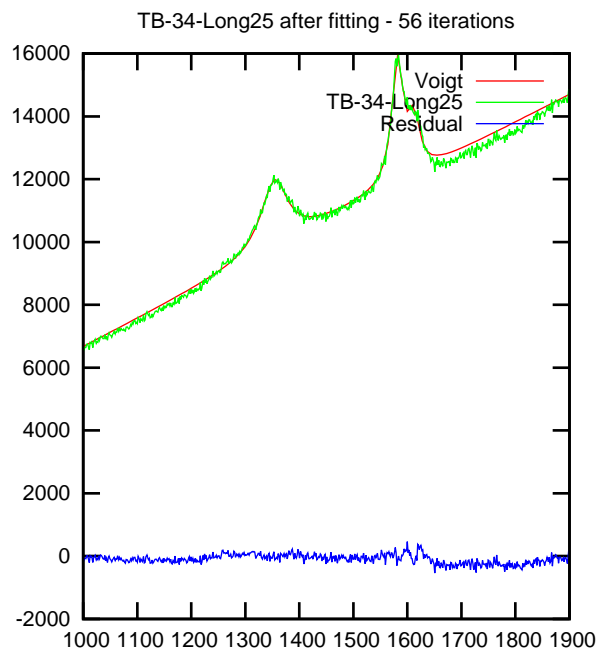
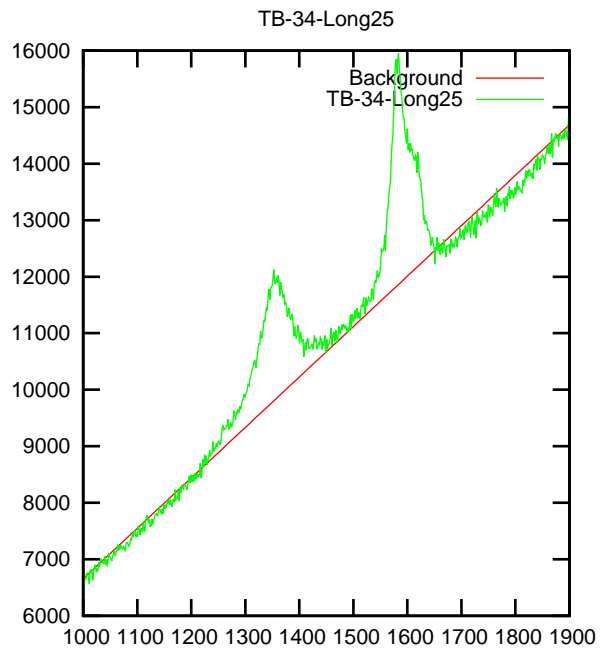
TB-34-Long23 after fitting - 726 iterations

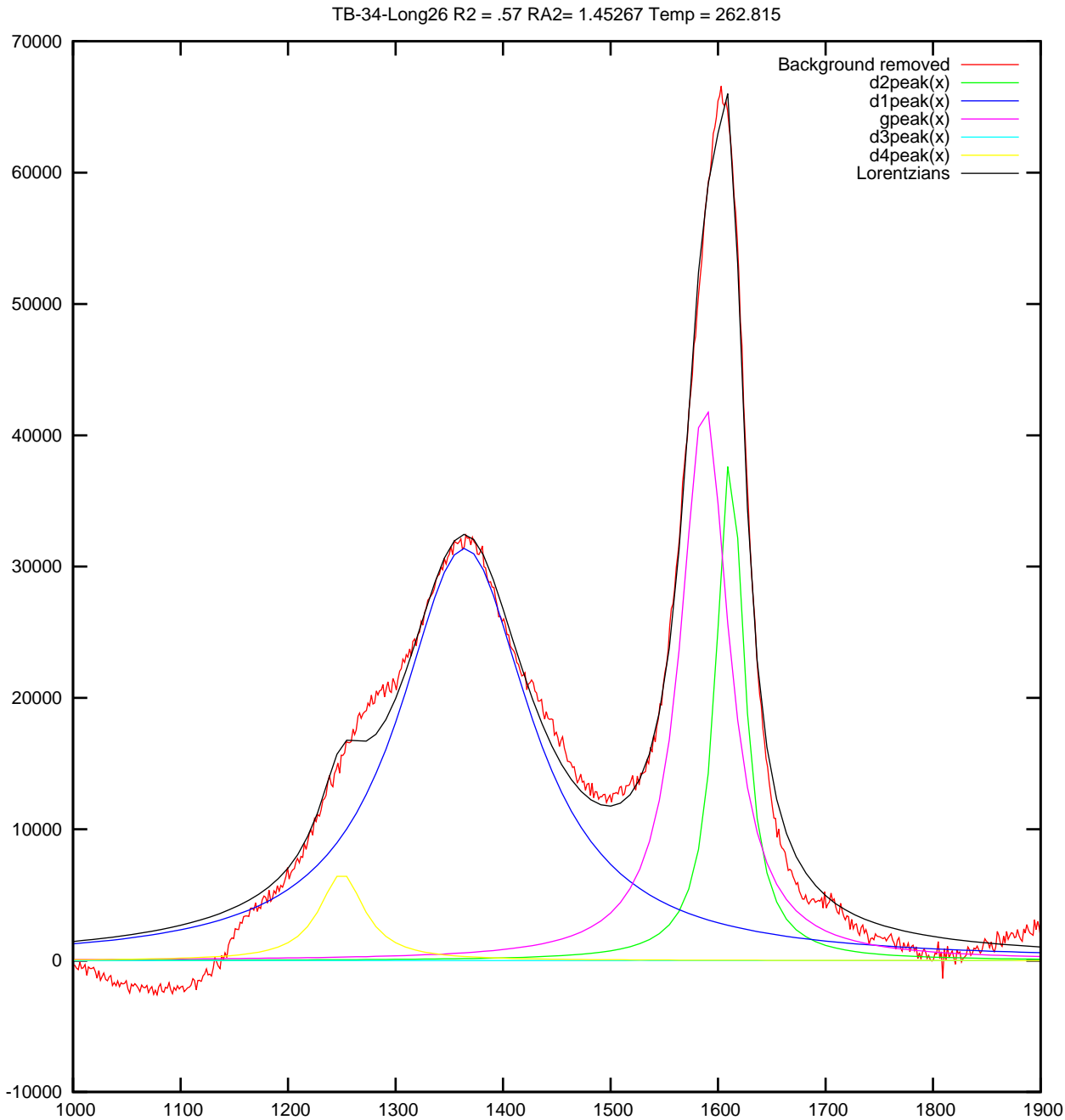
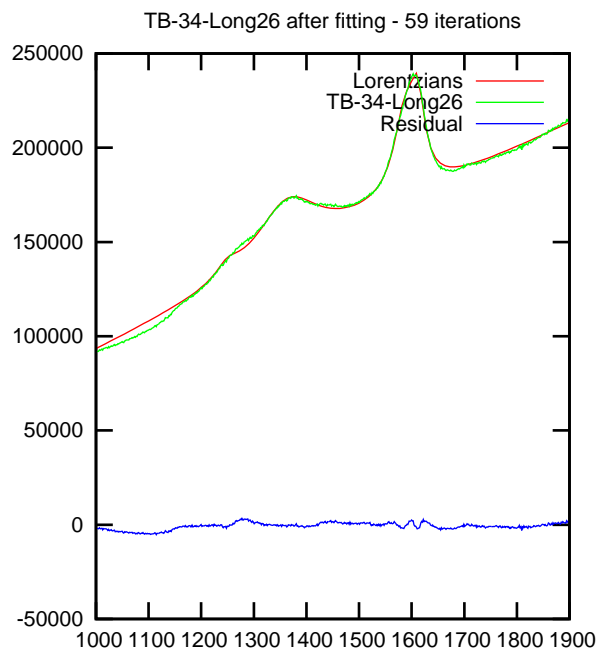
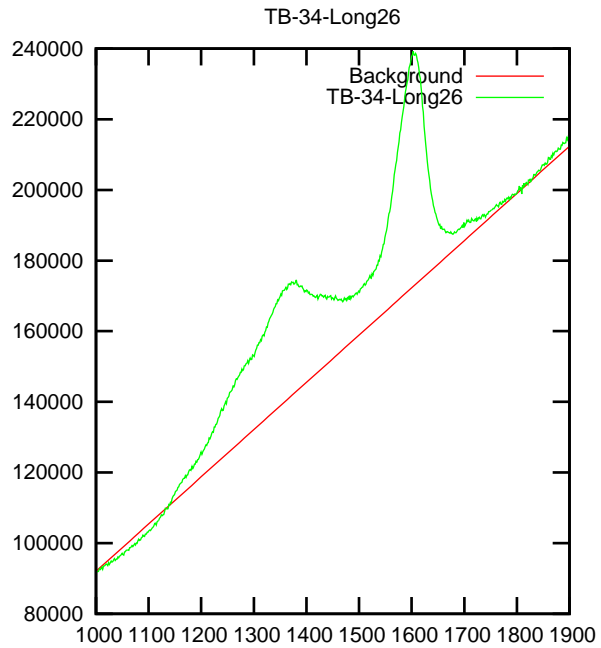


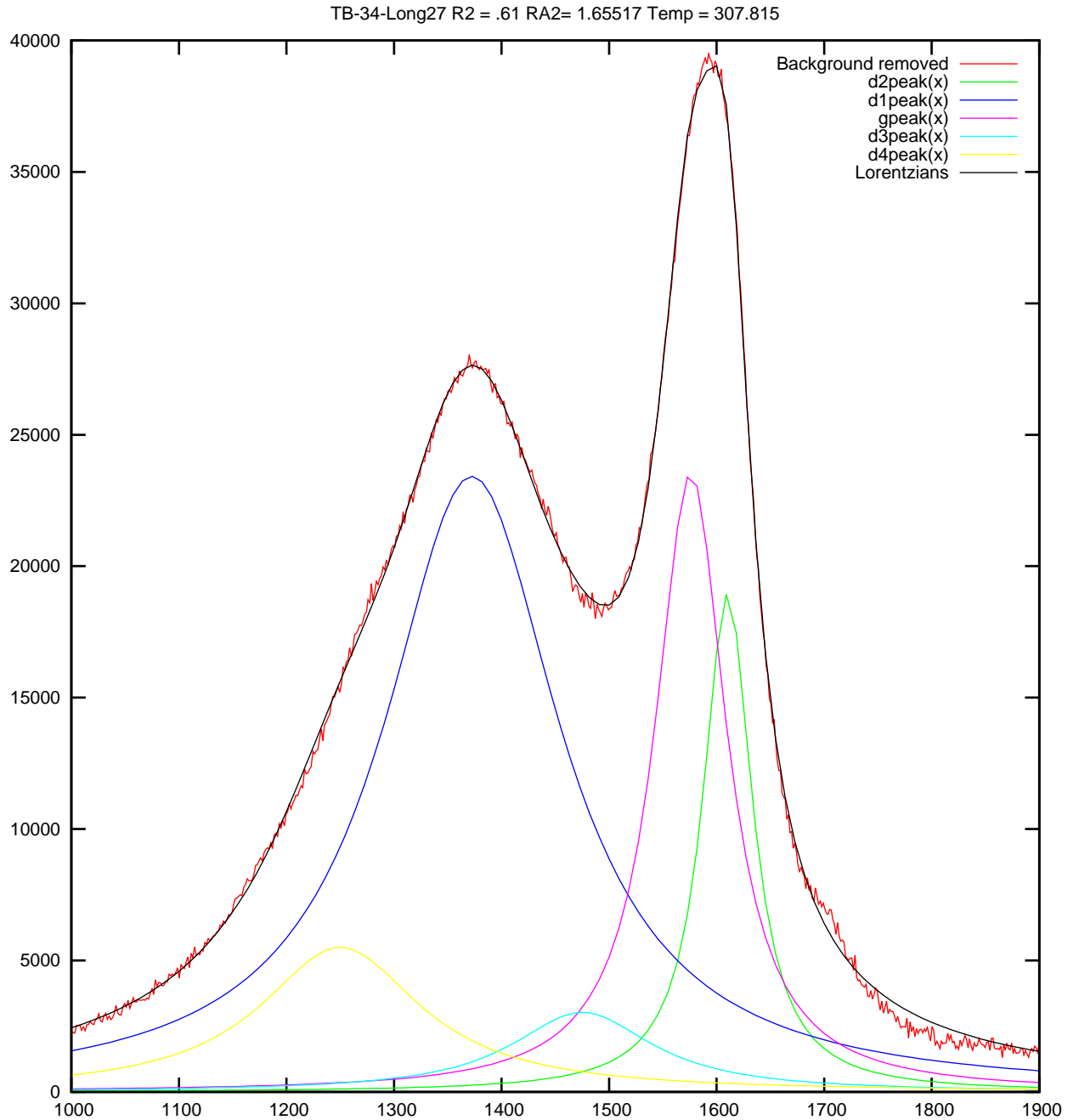
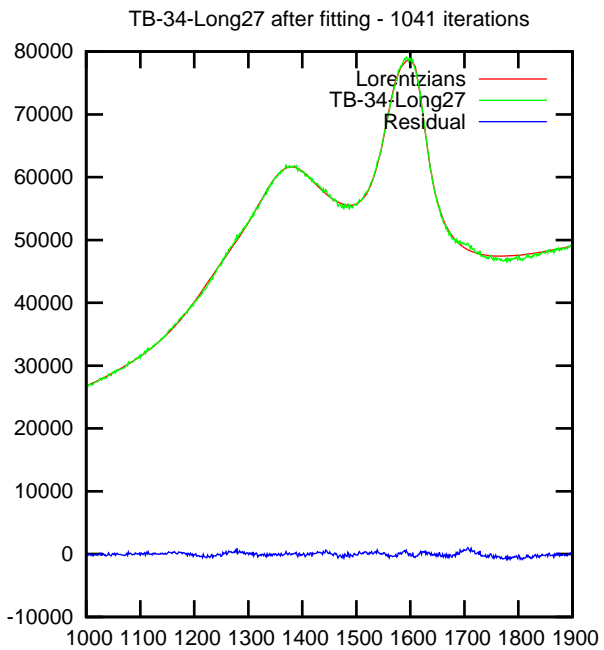
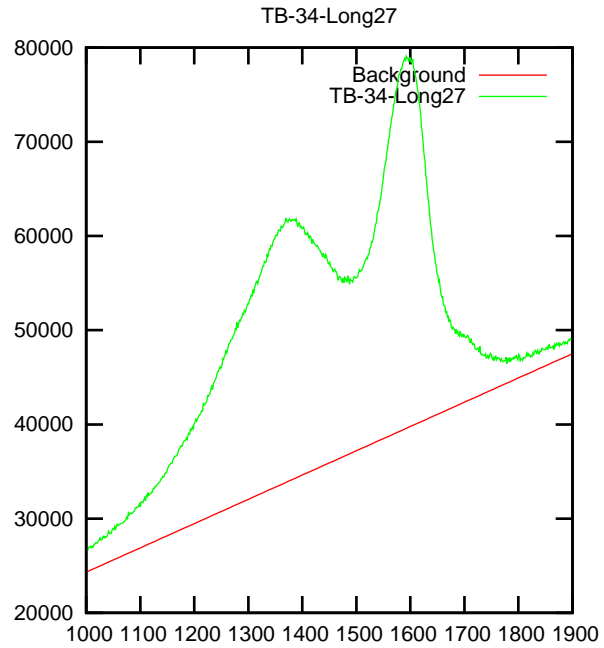
TB-34-Long23 R2 = .58 RA2= 1.35790 Temp = 241.755

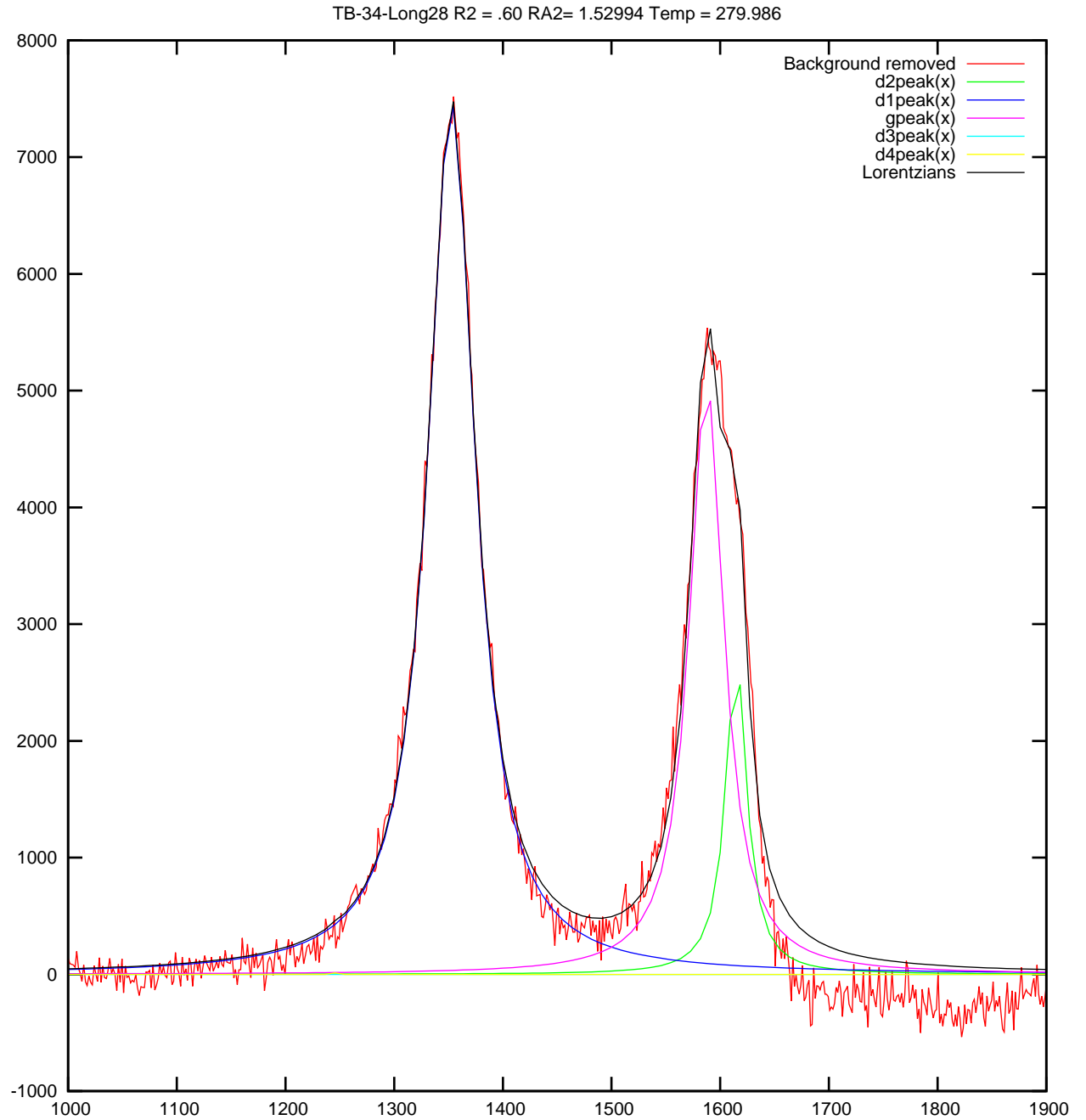
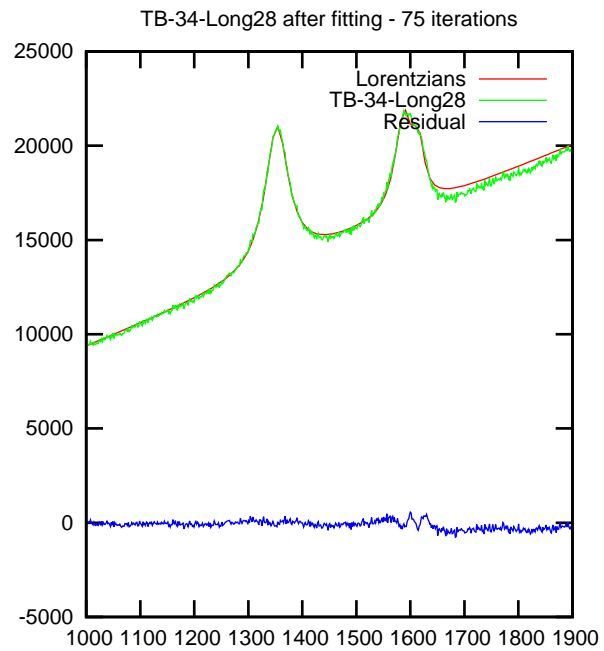
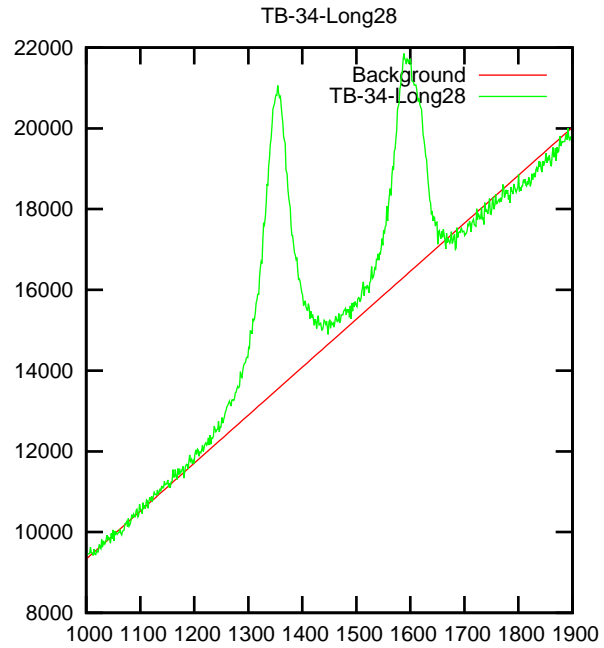




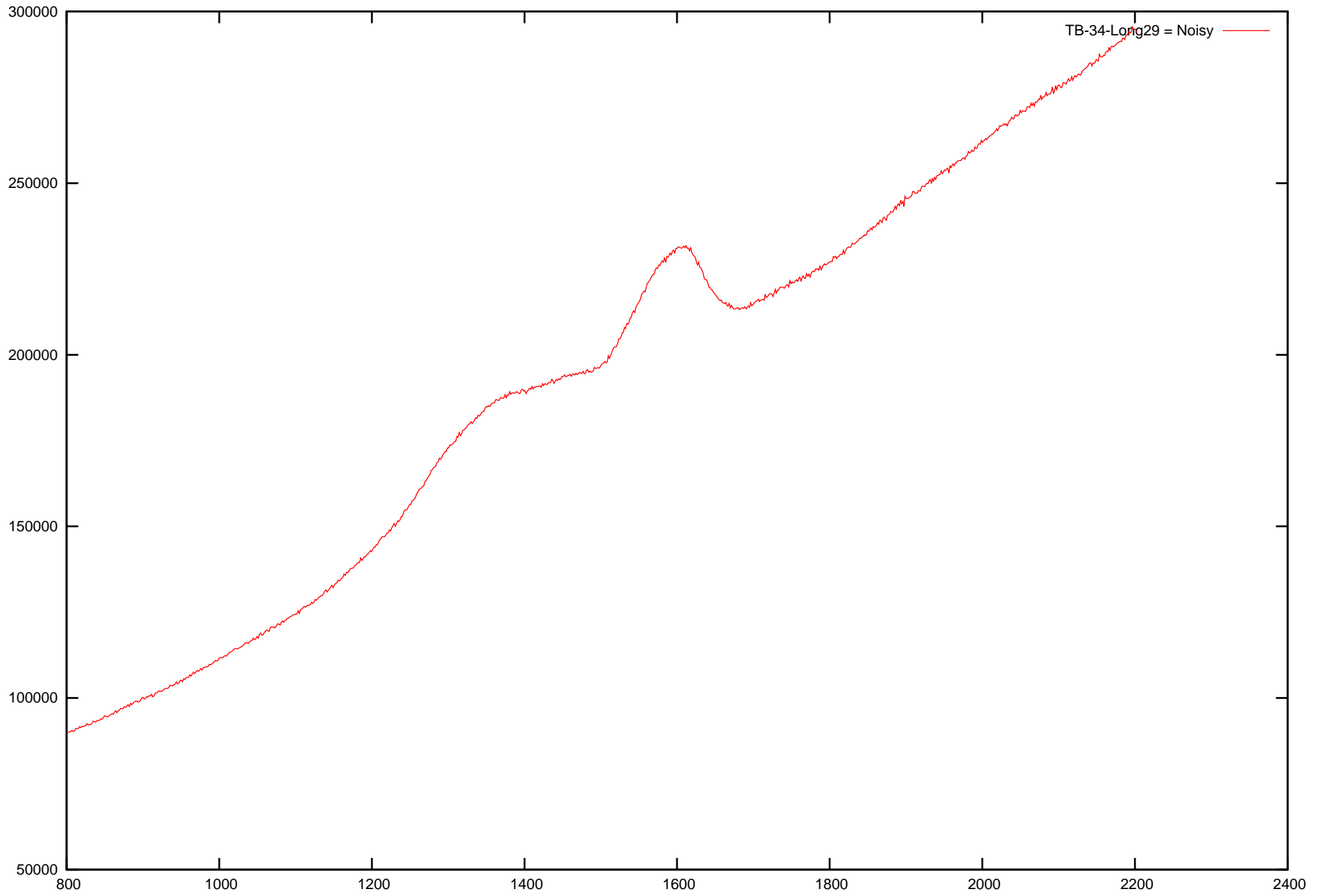




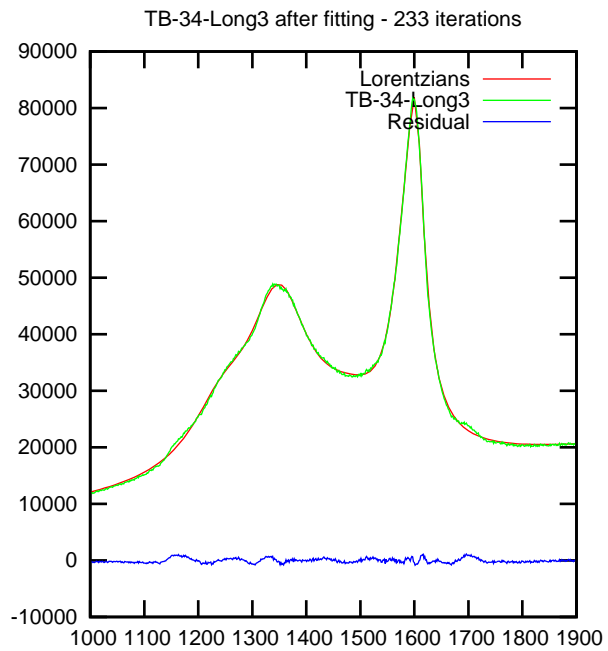
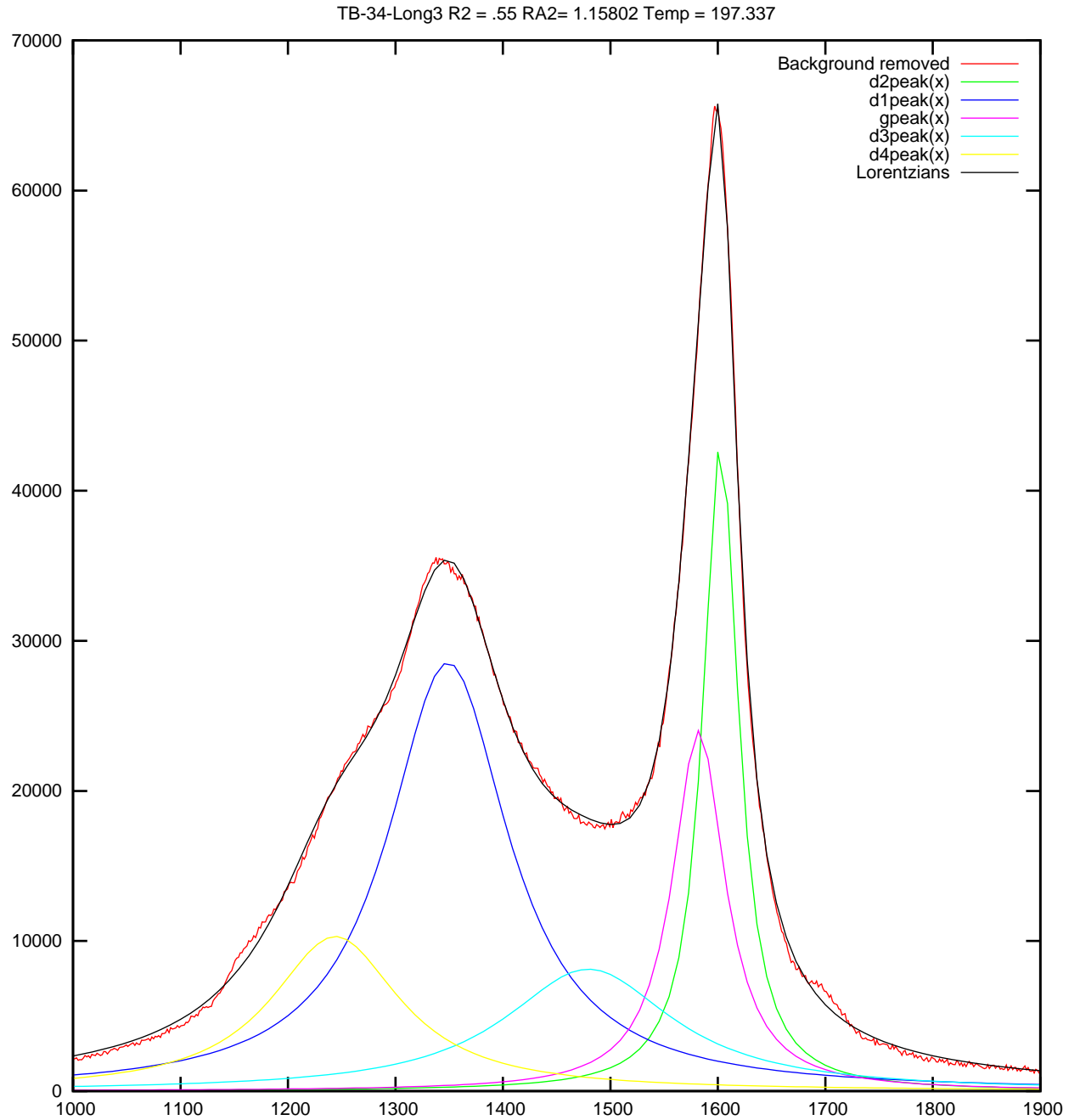
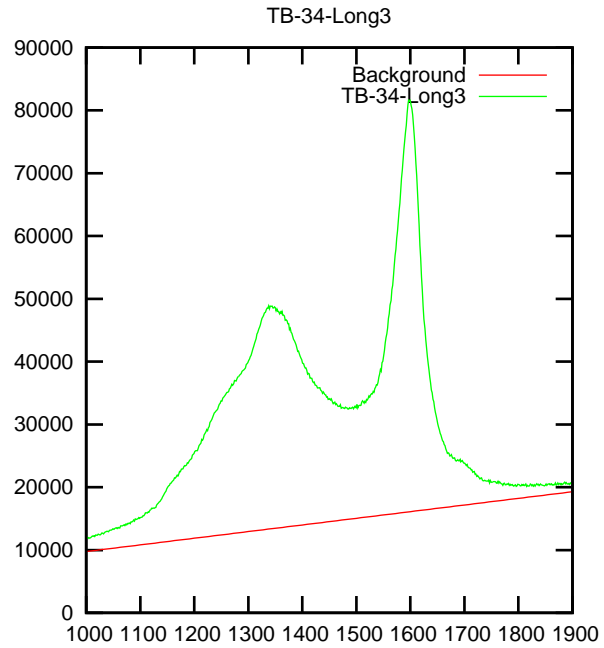


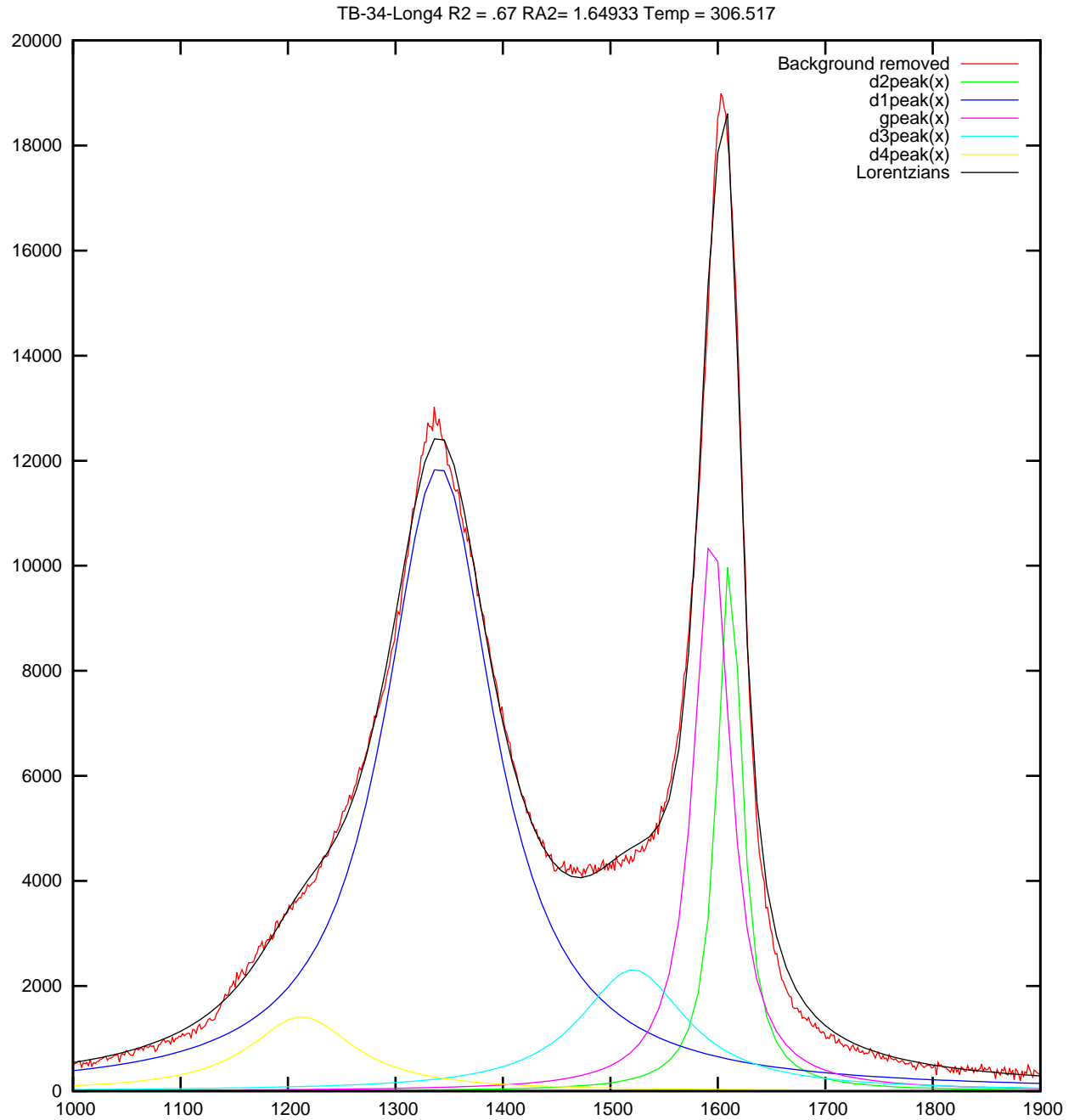
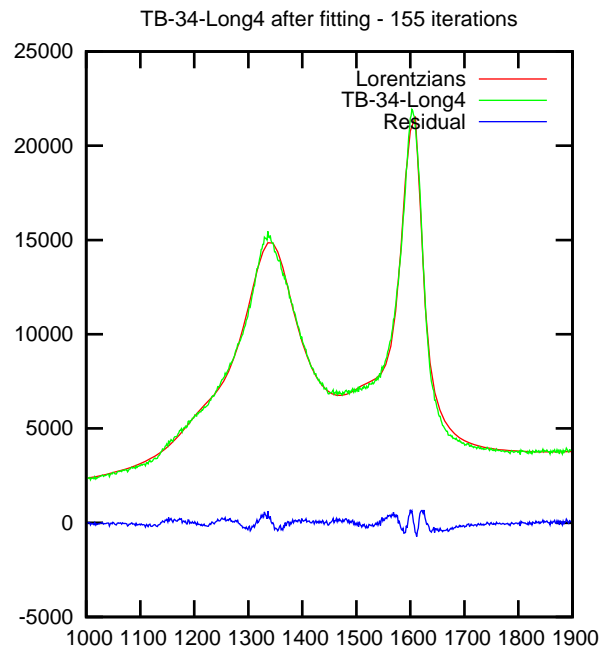
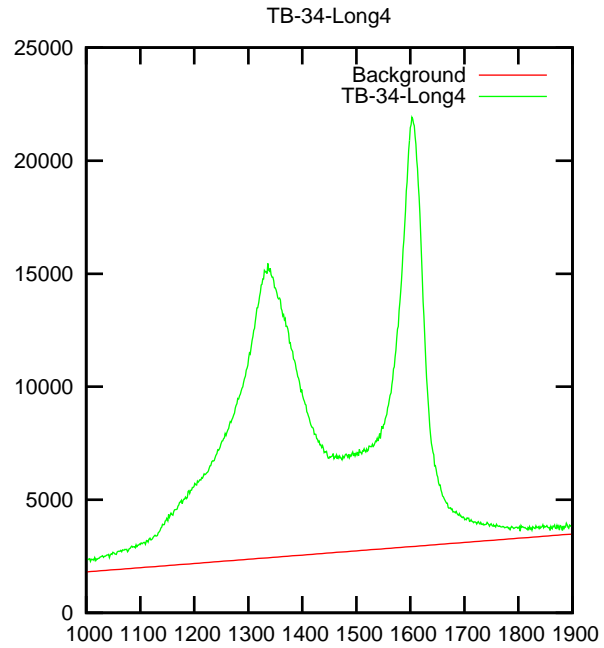


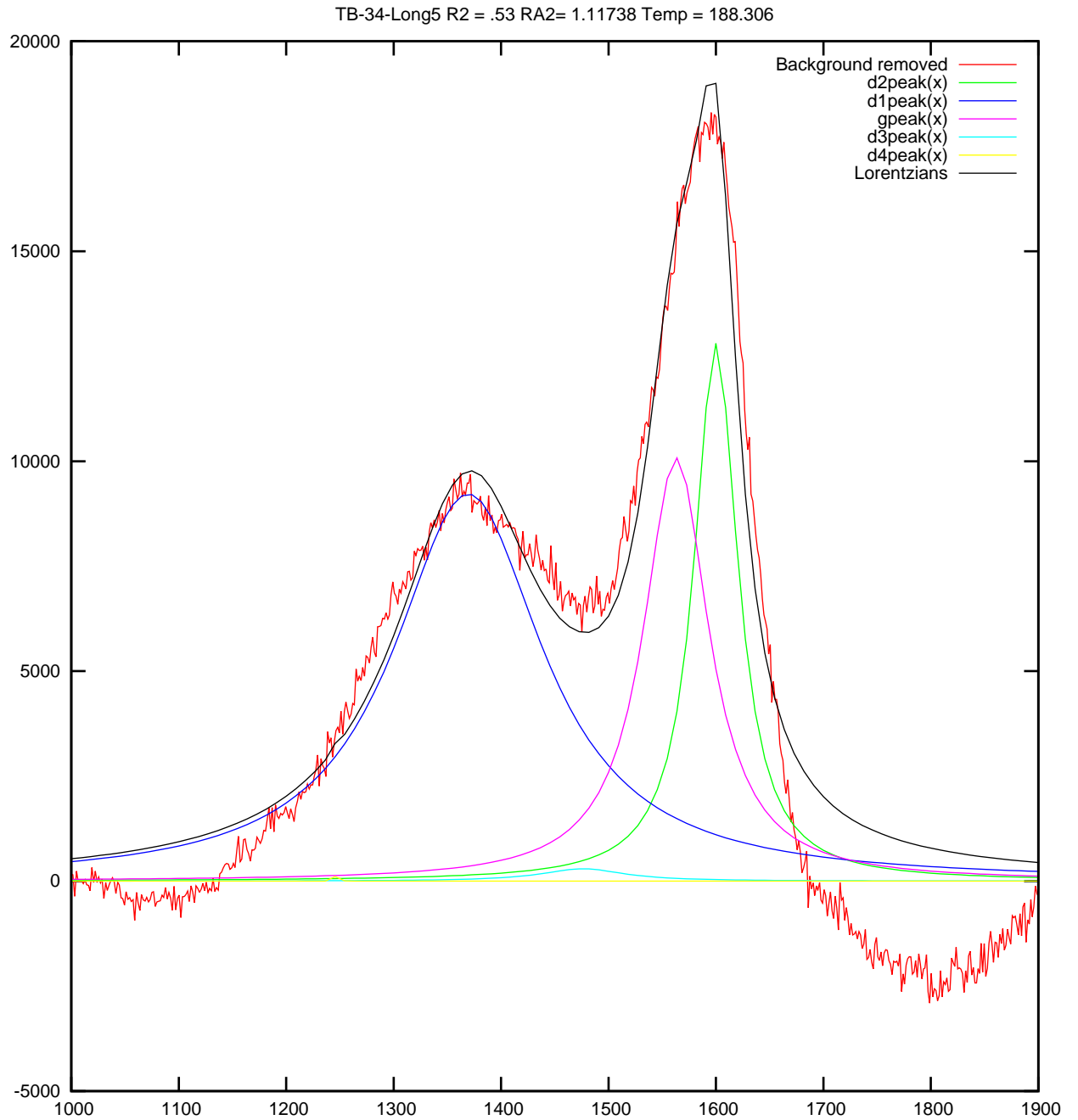
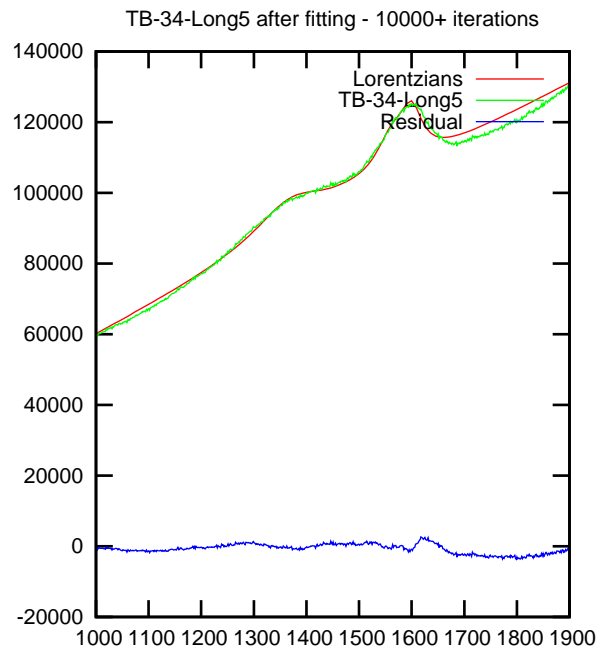
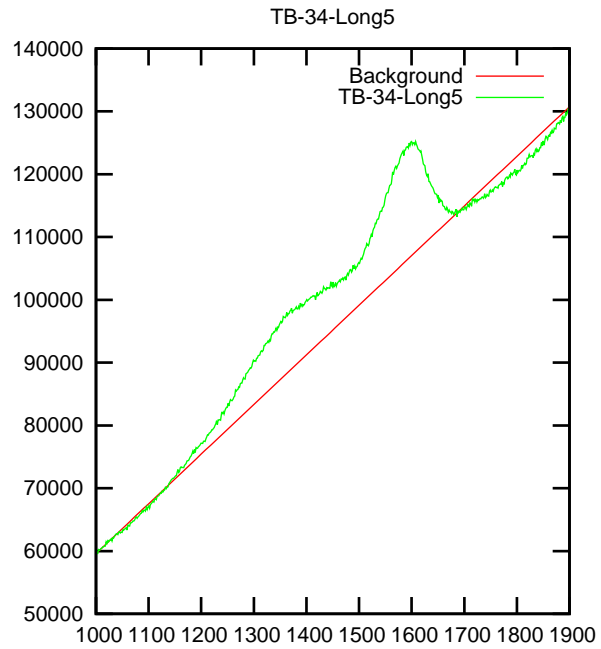
TB-34-Long29 = Noisy

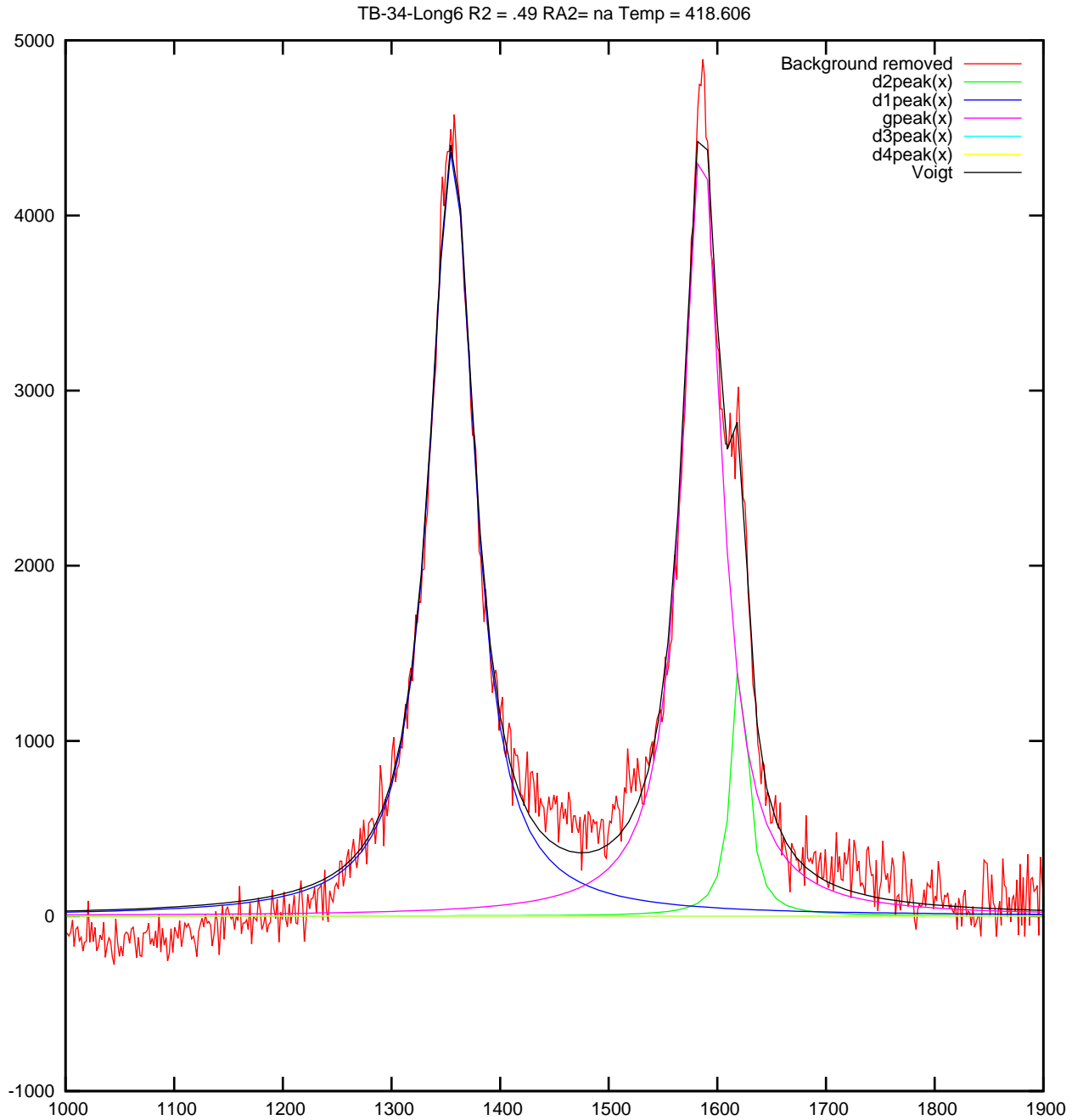
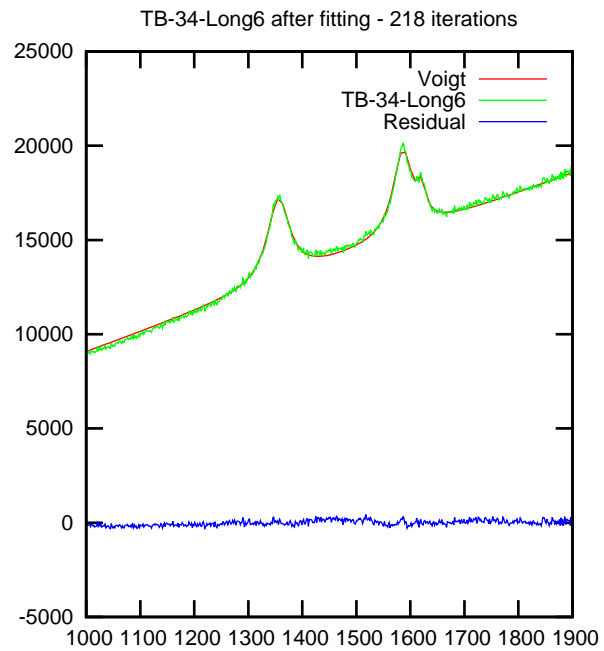
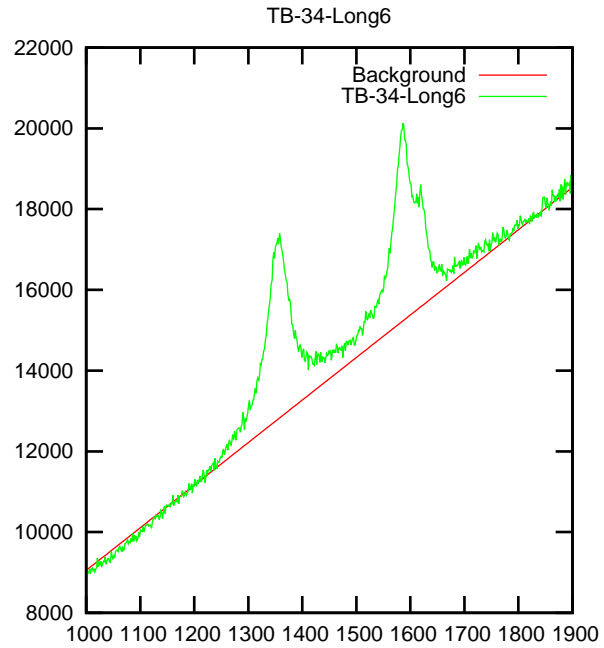


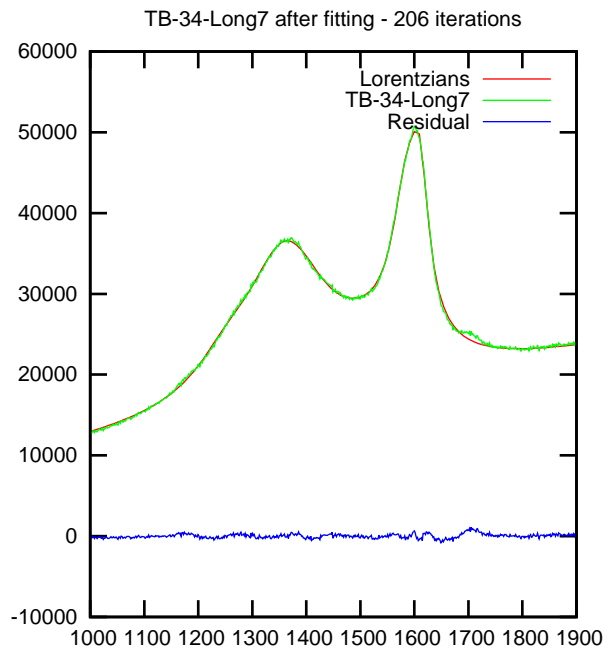
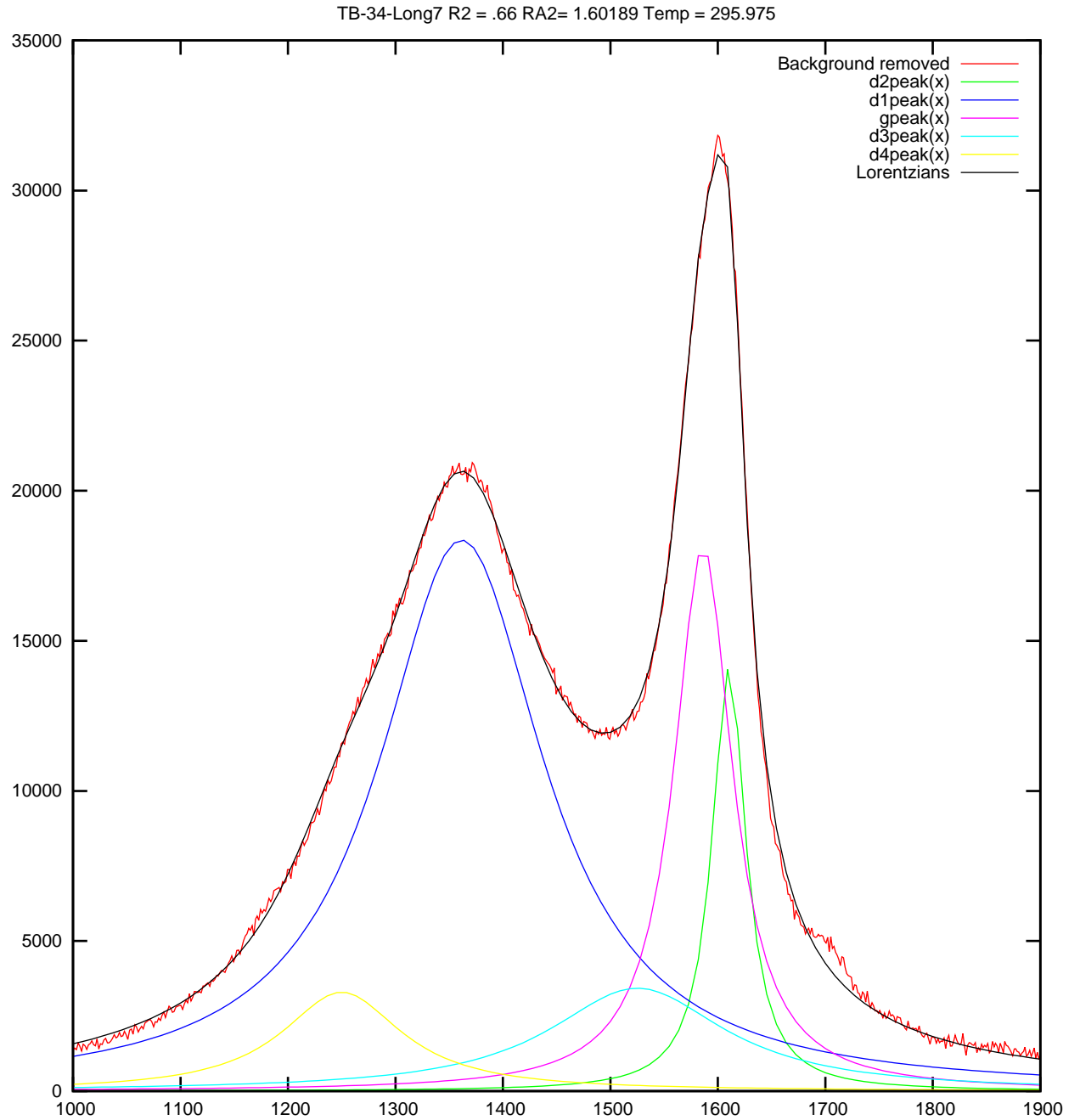
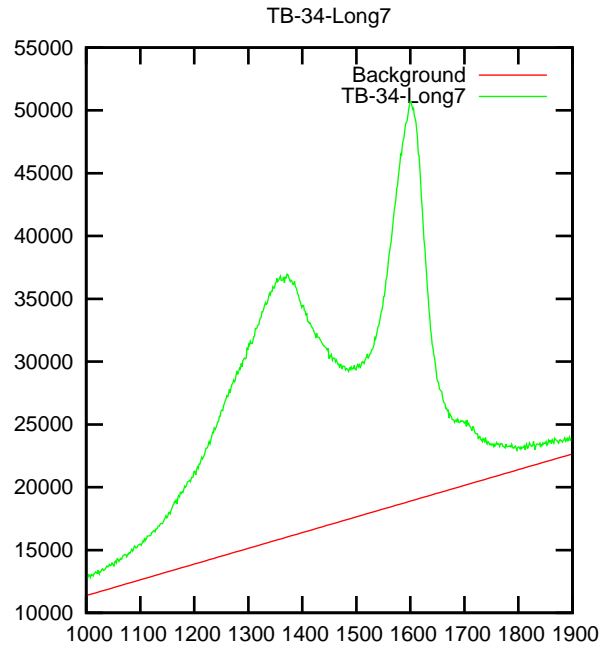
TB-34-Long29 = Noisy

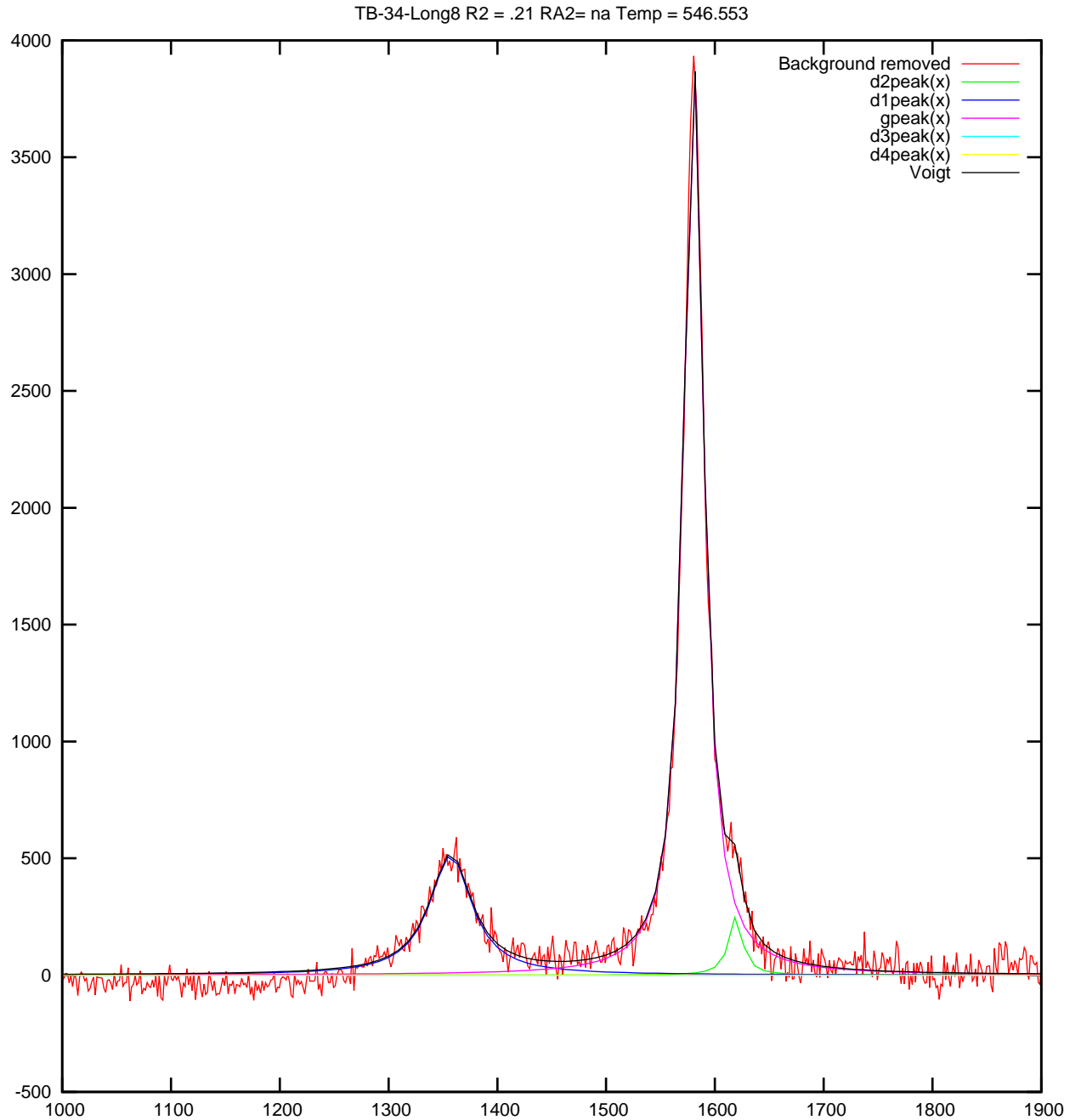
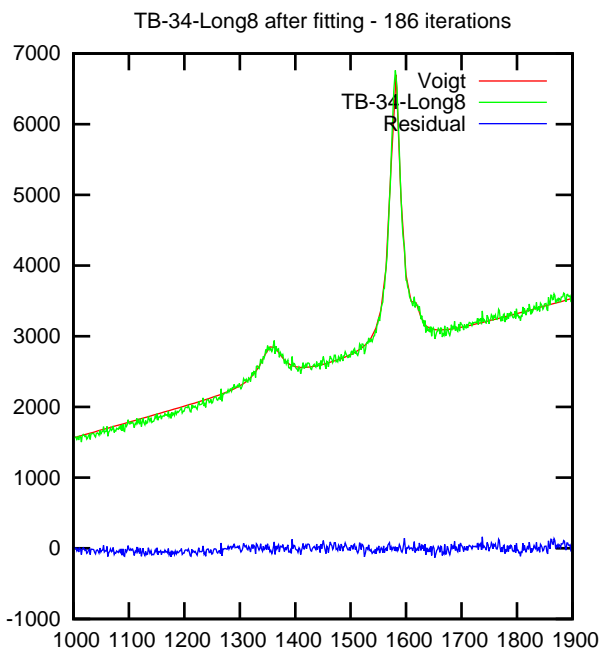
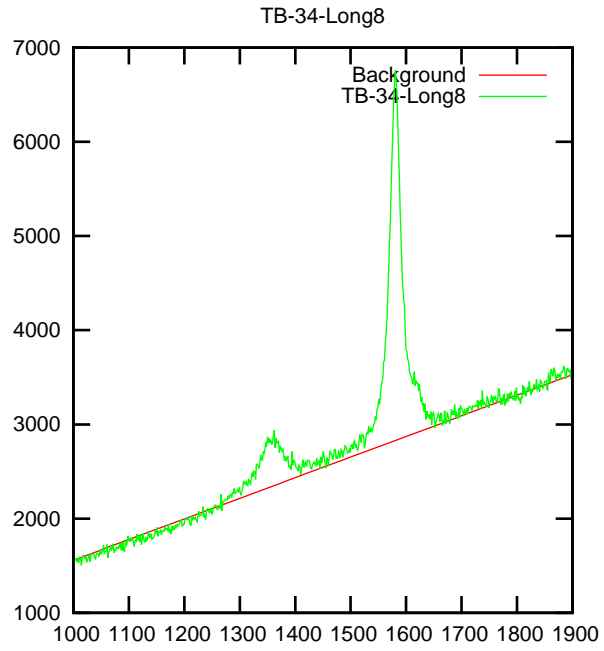


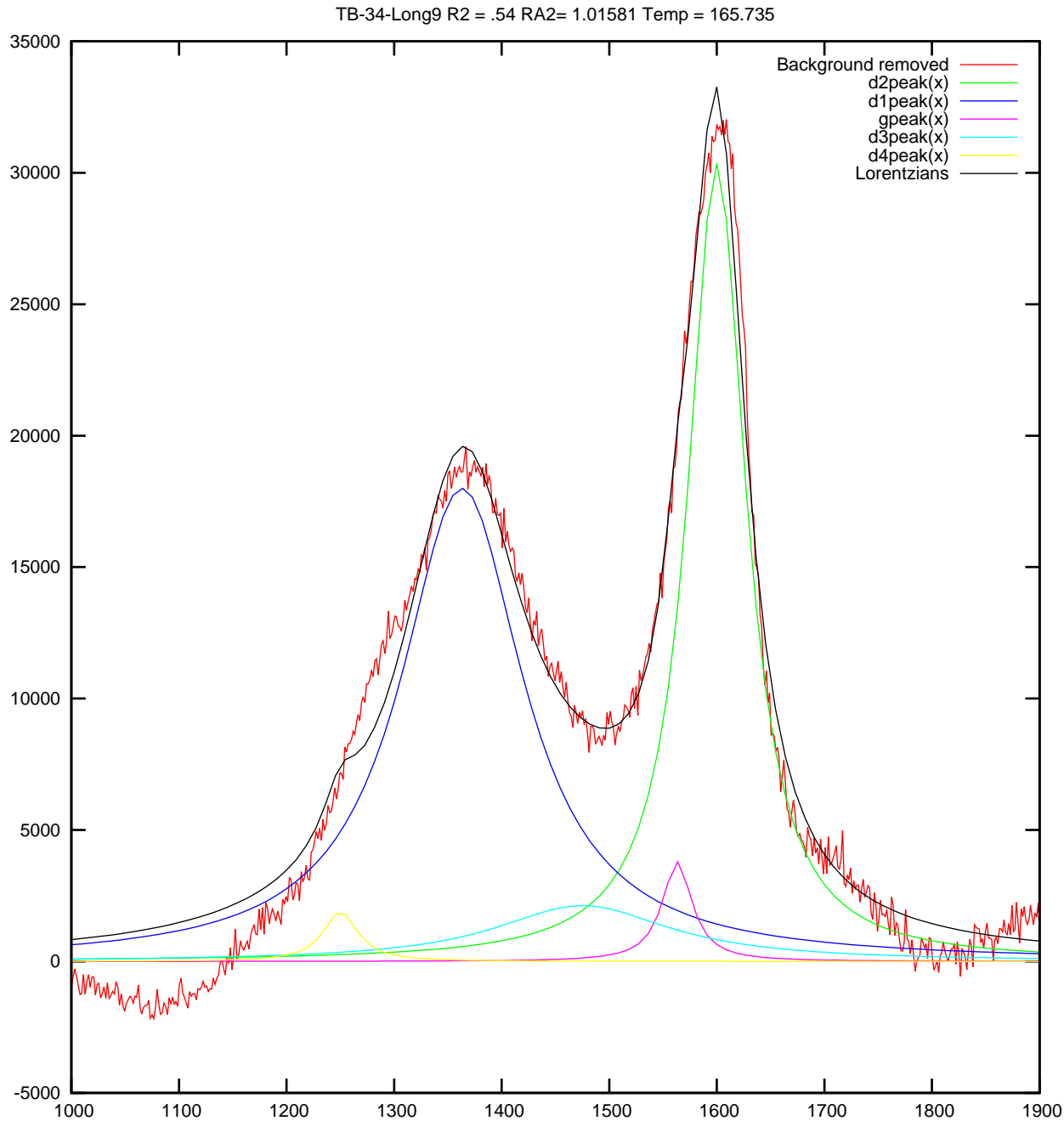
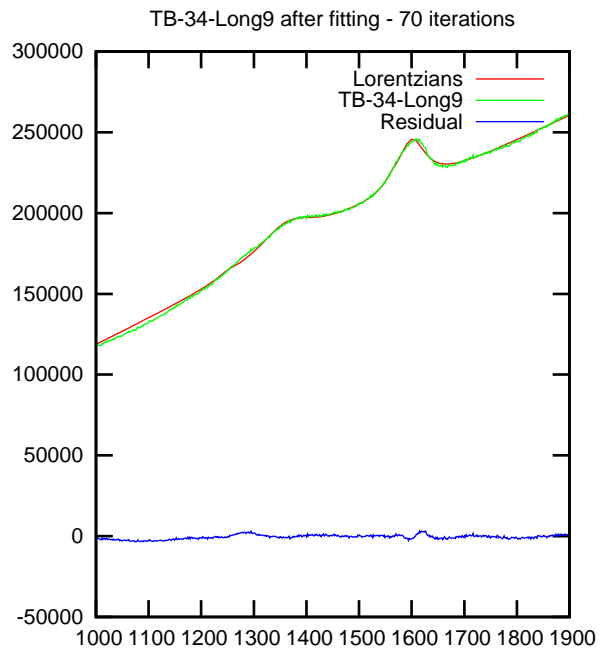
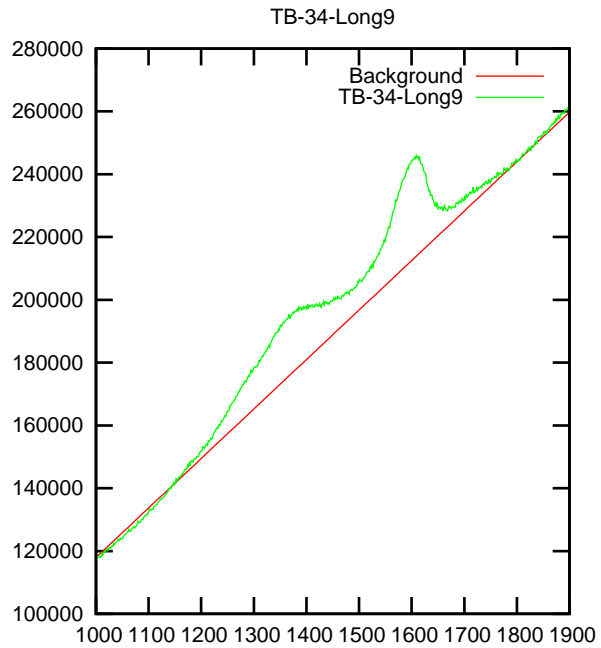


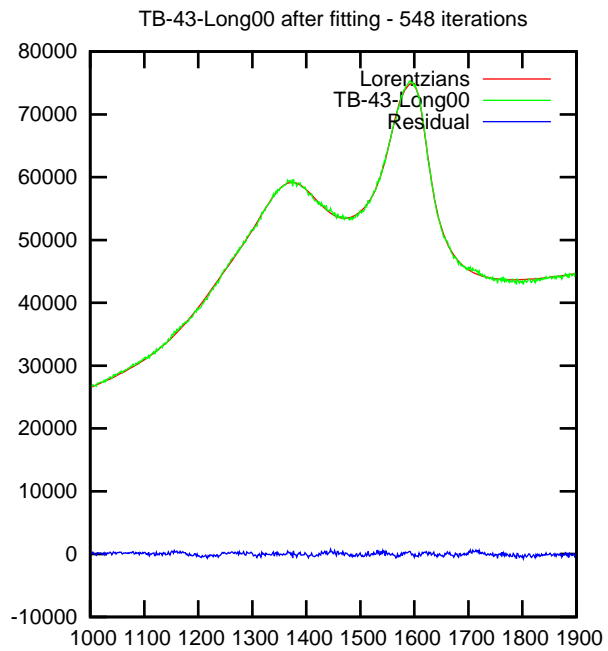
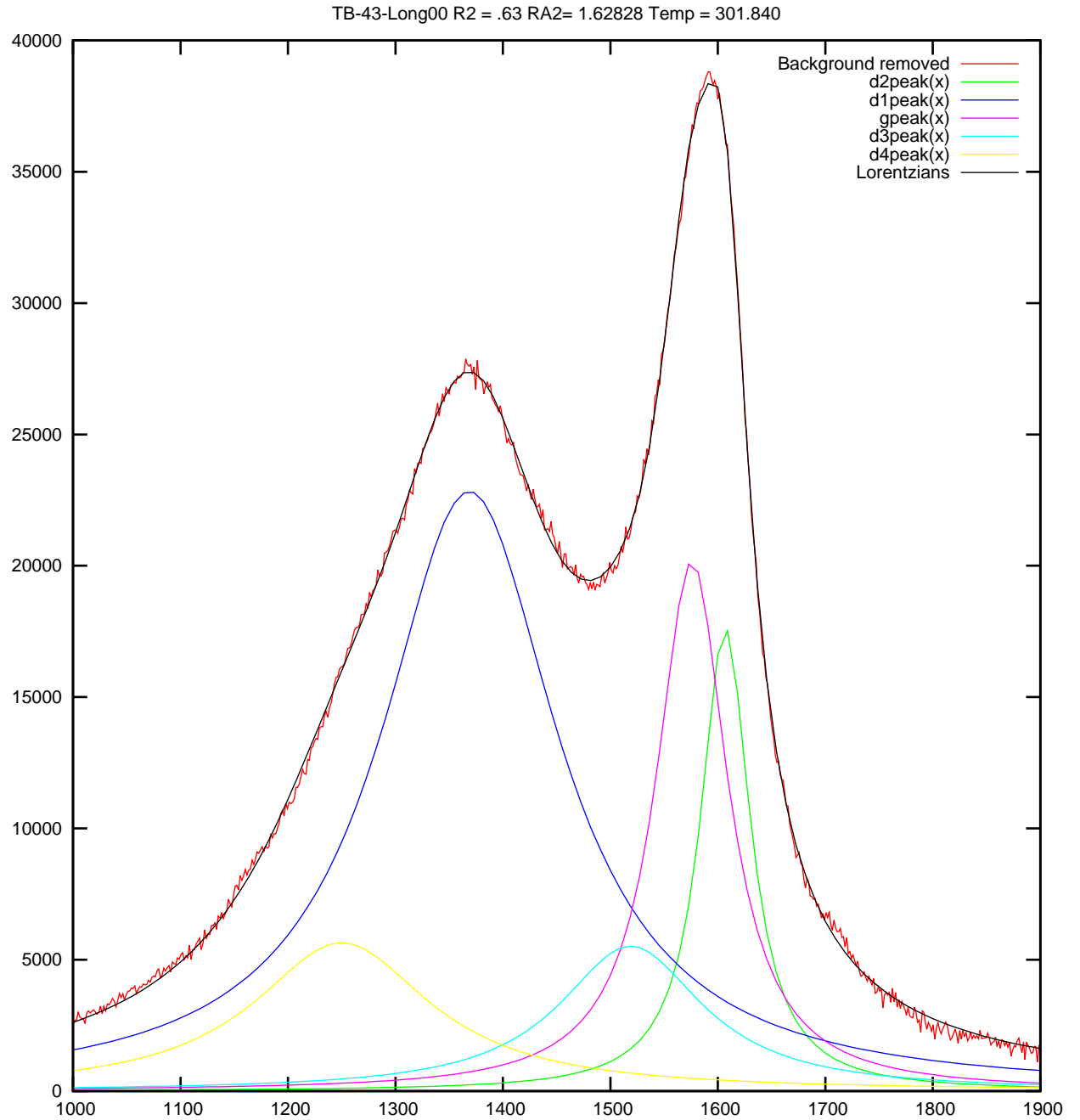
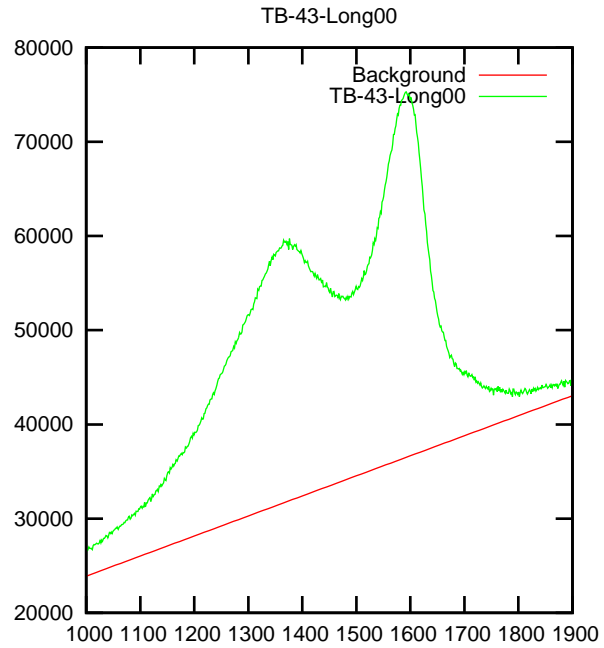


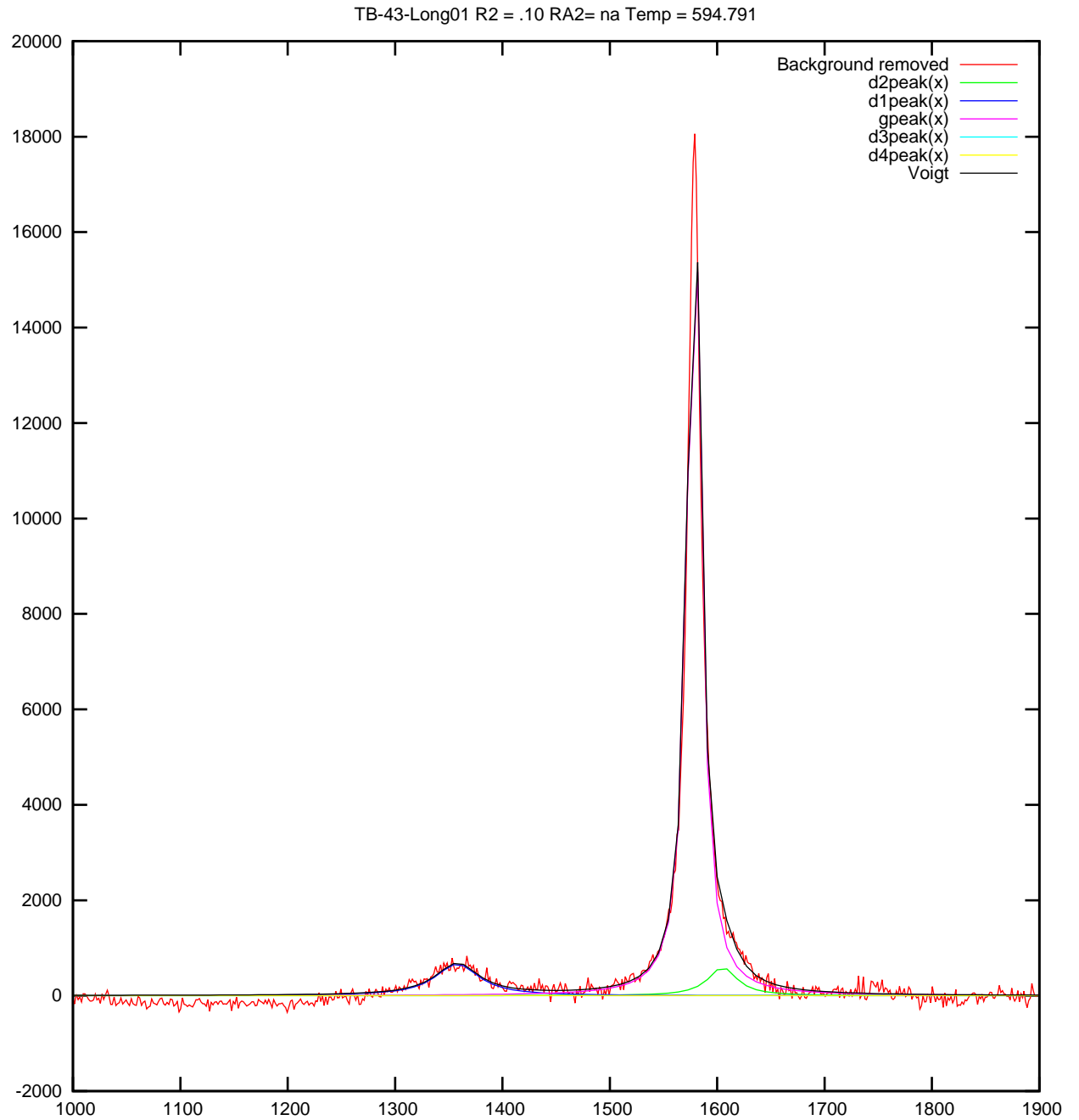
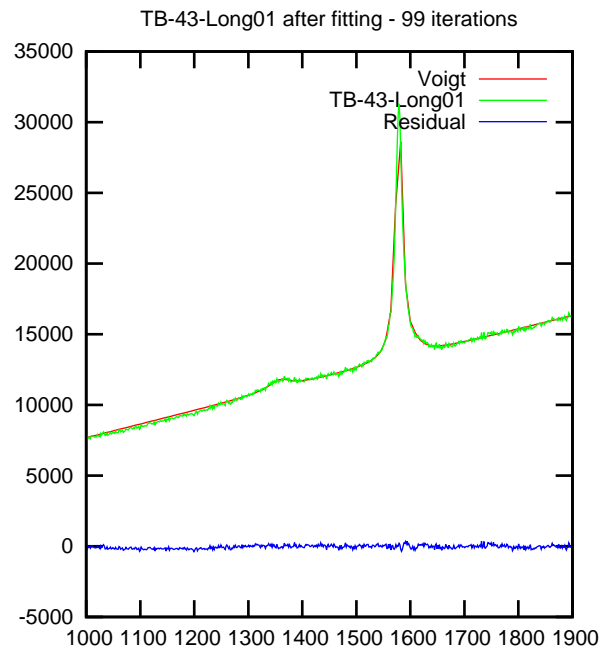
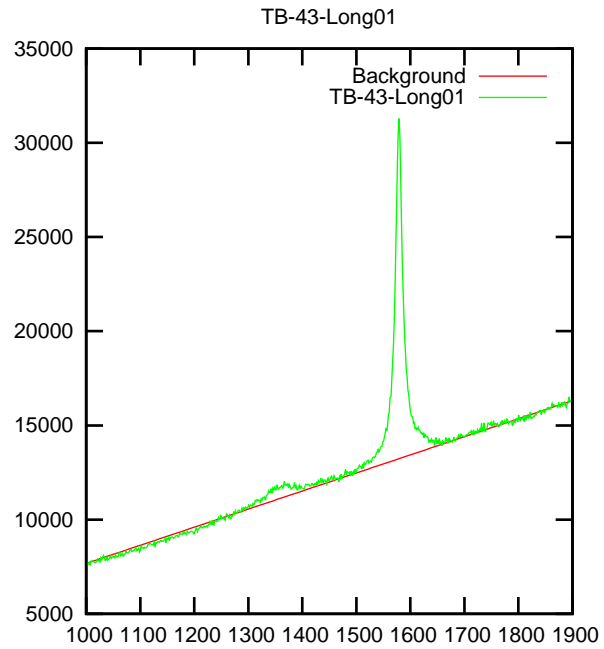


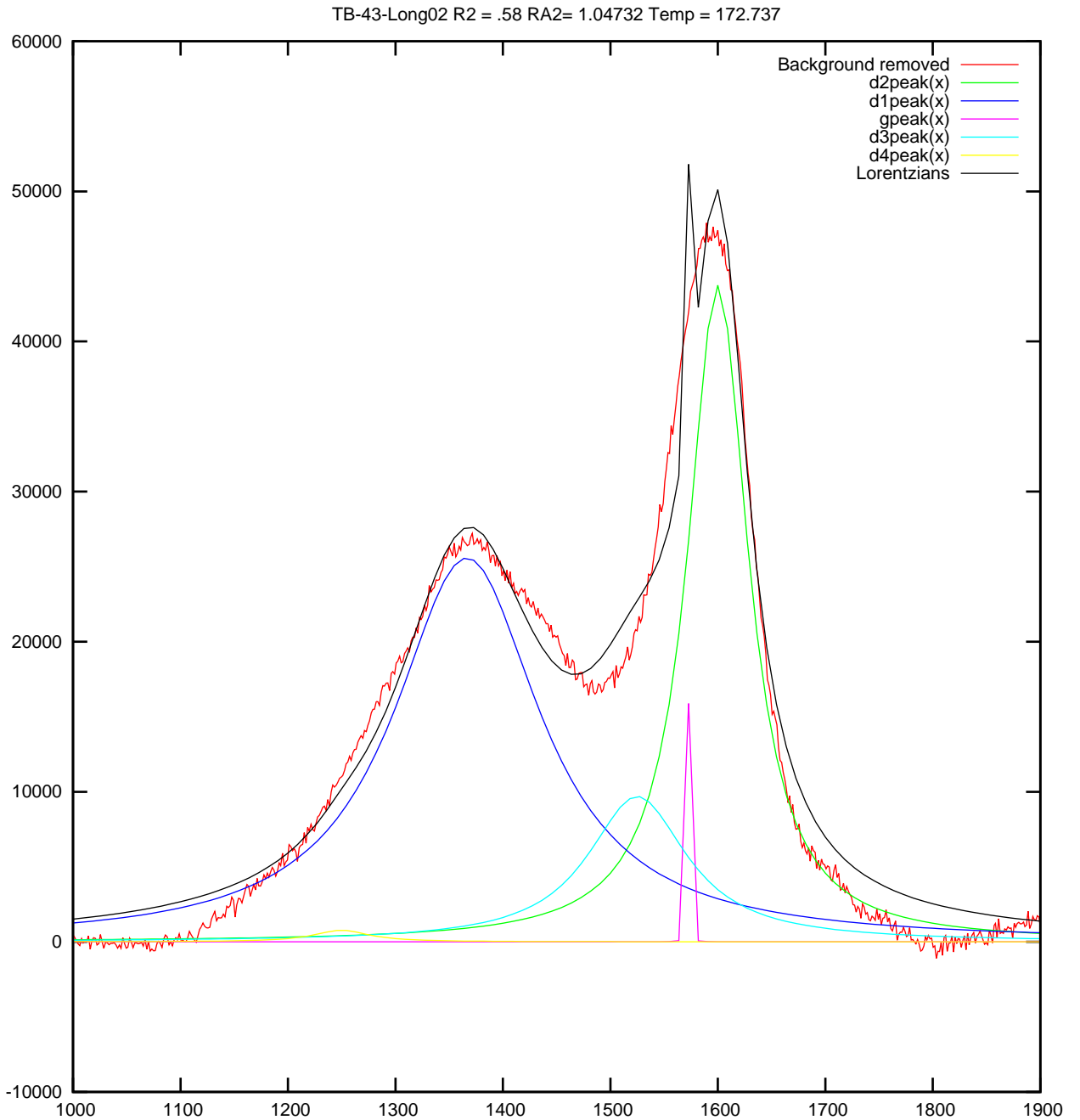
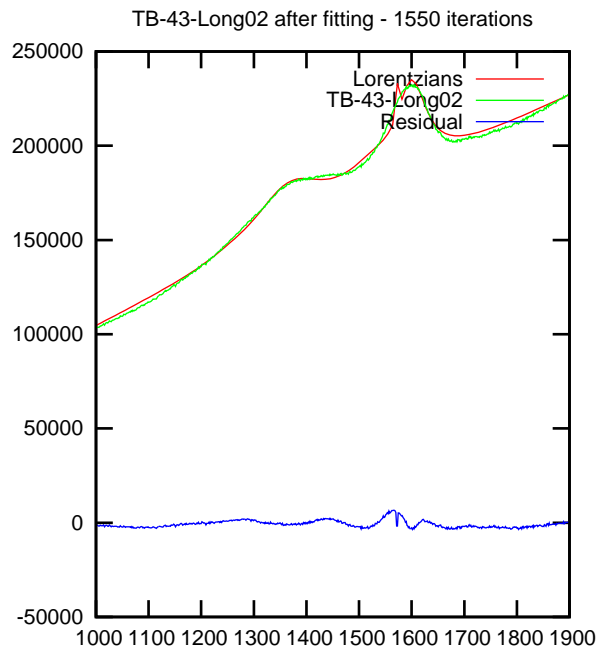
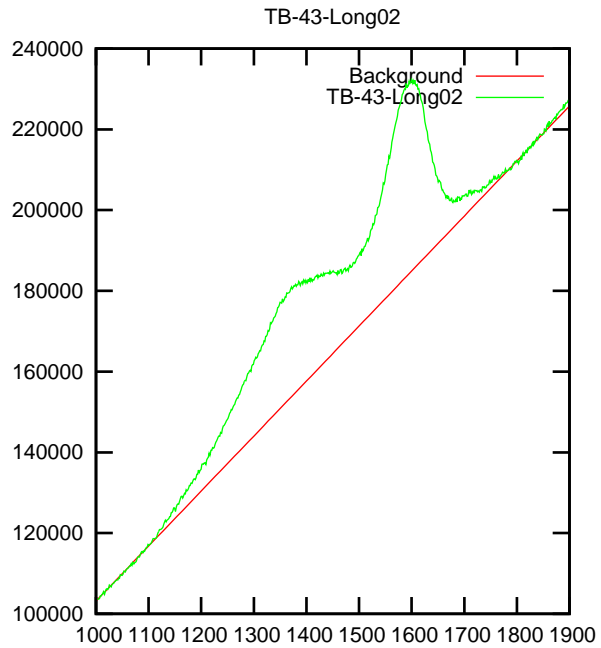


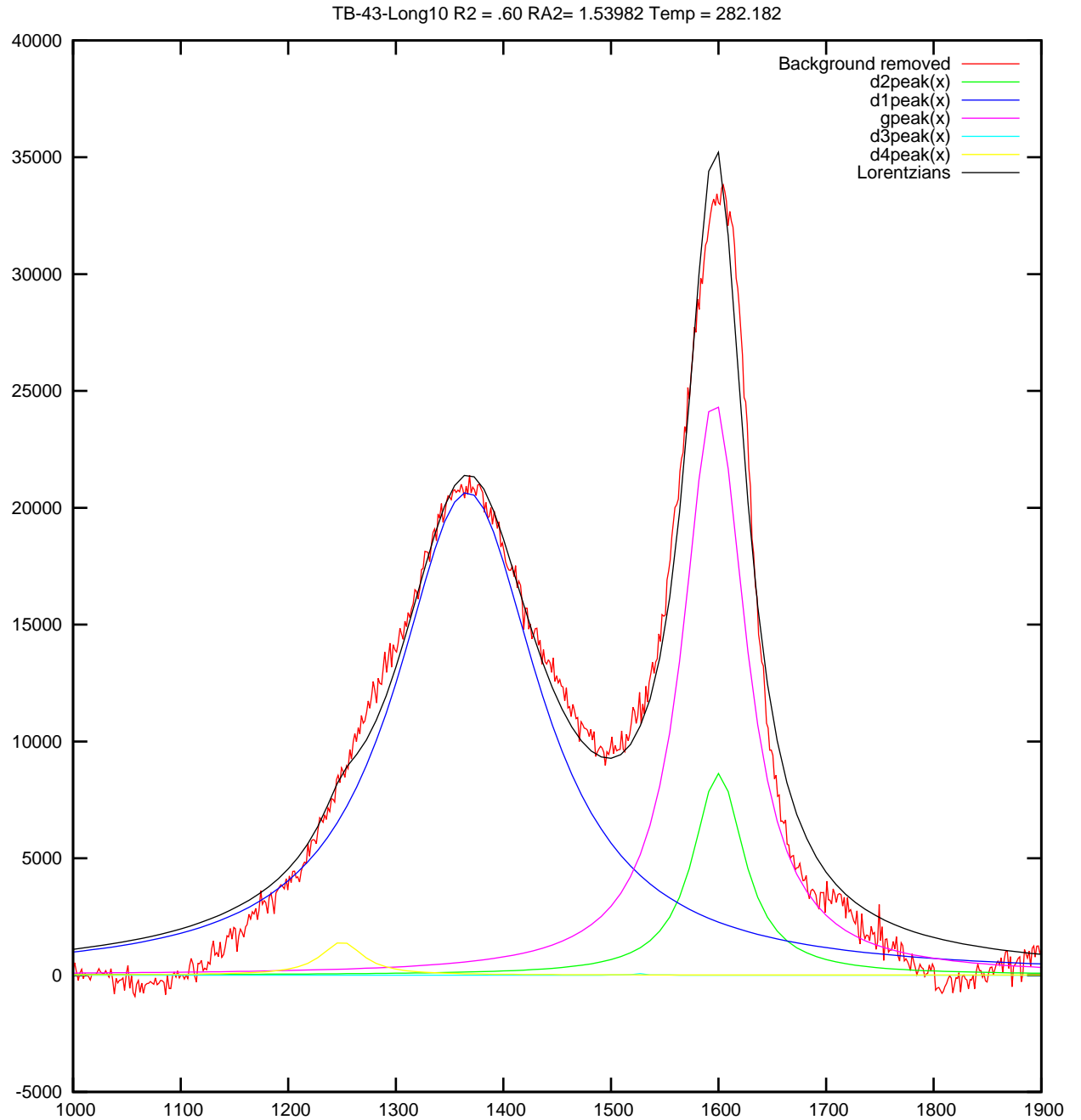
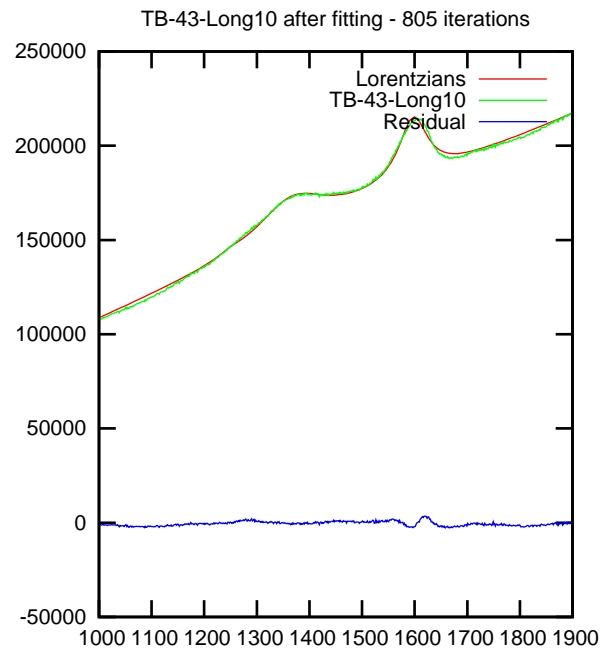
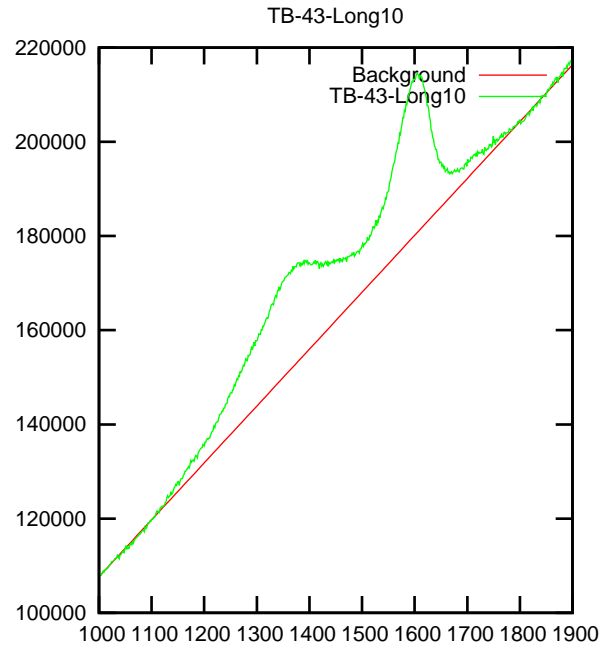


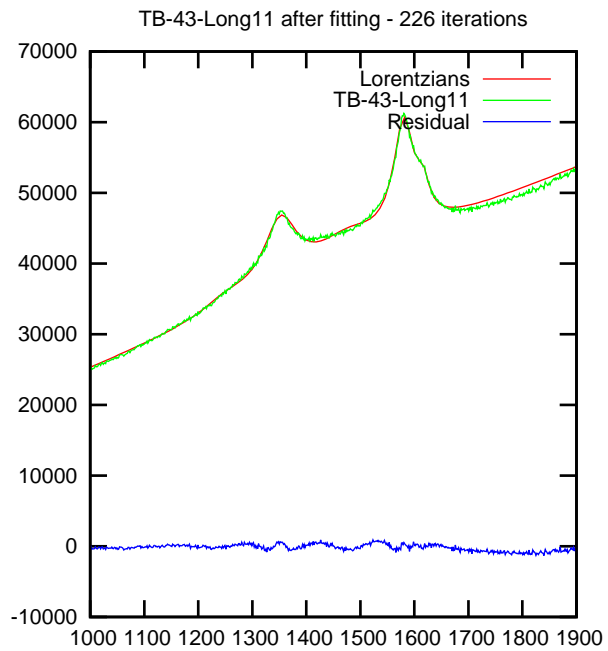
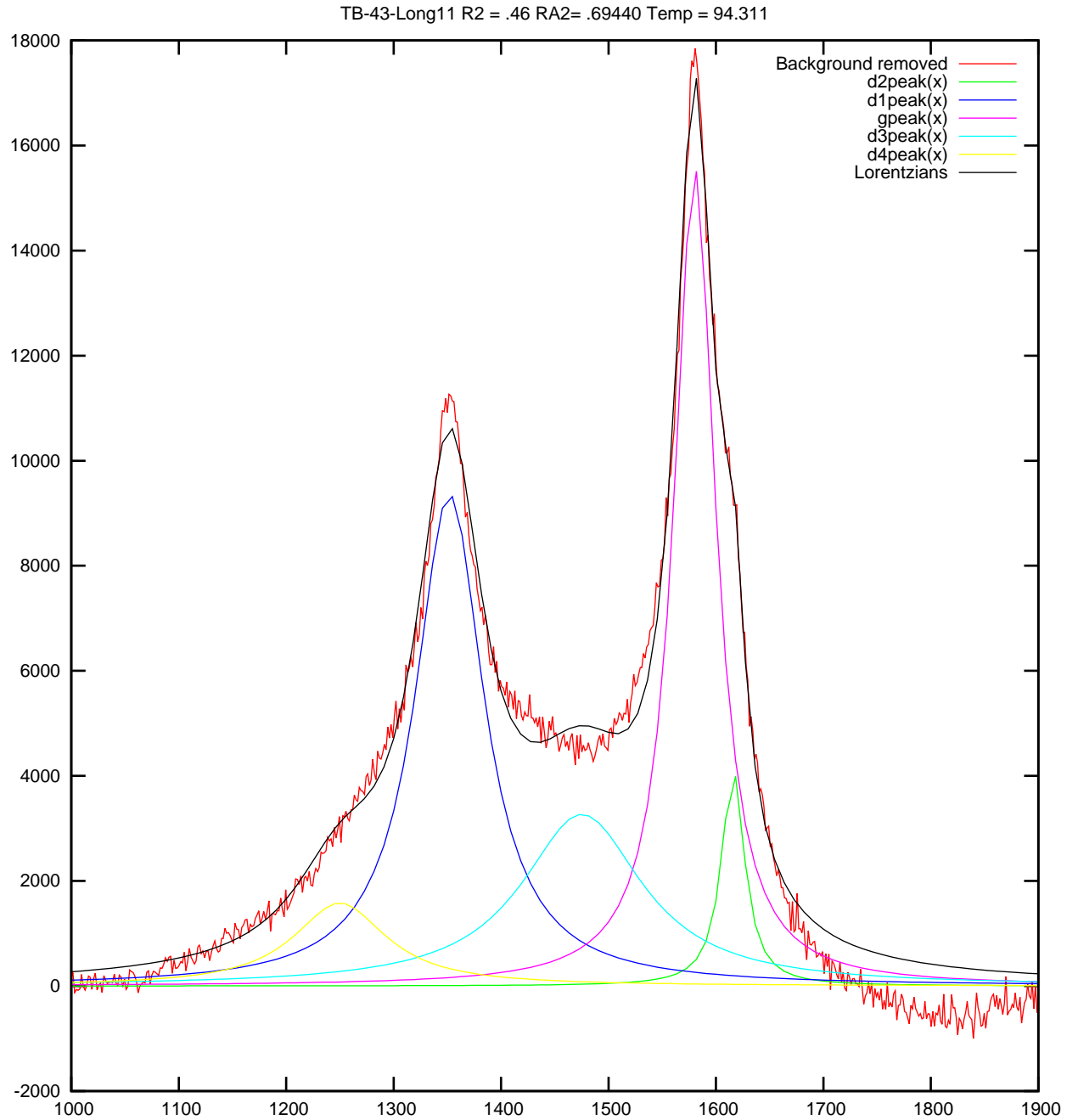
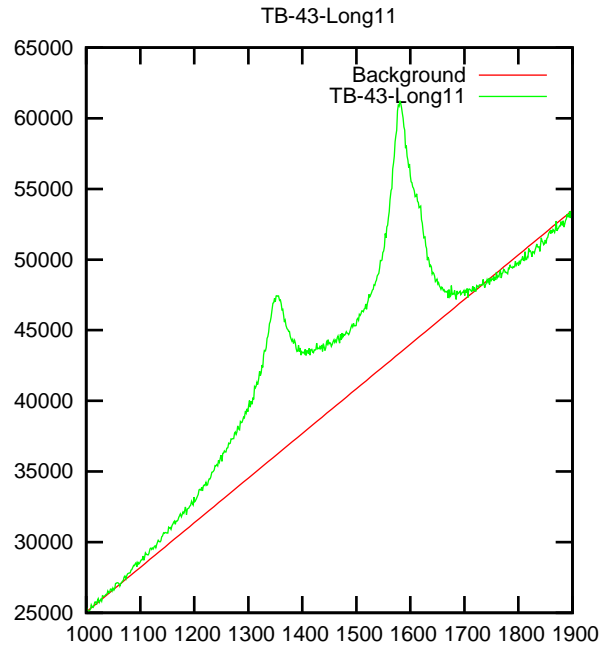


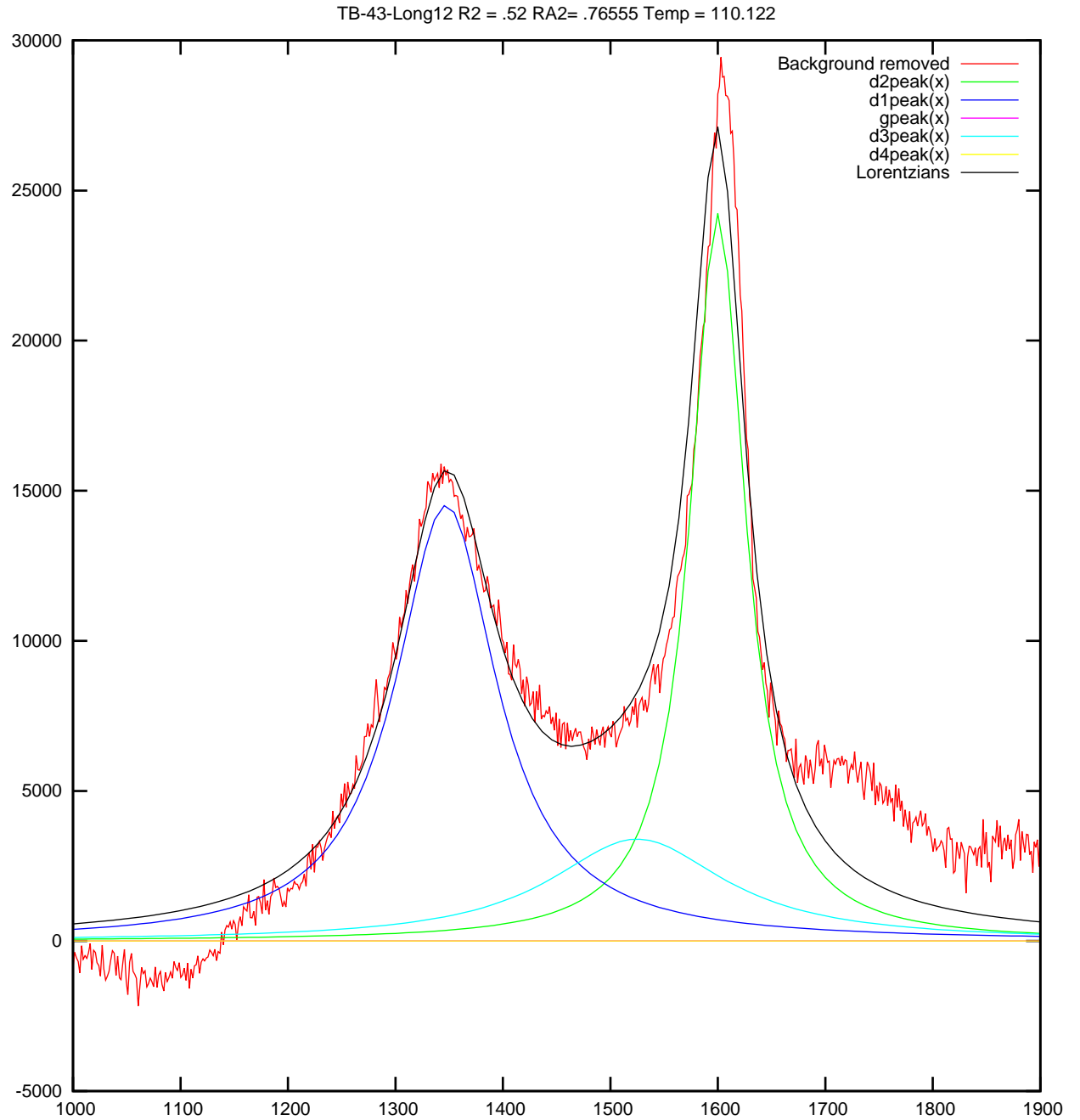
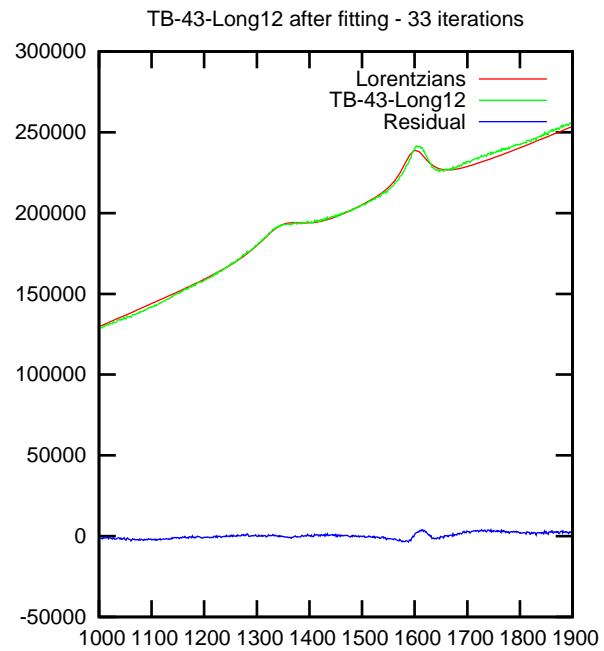
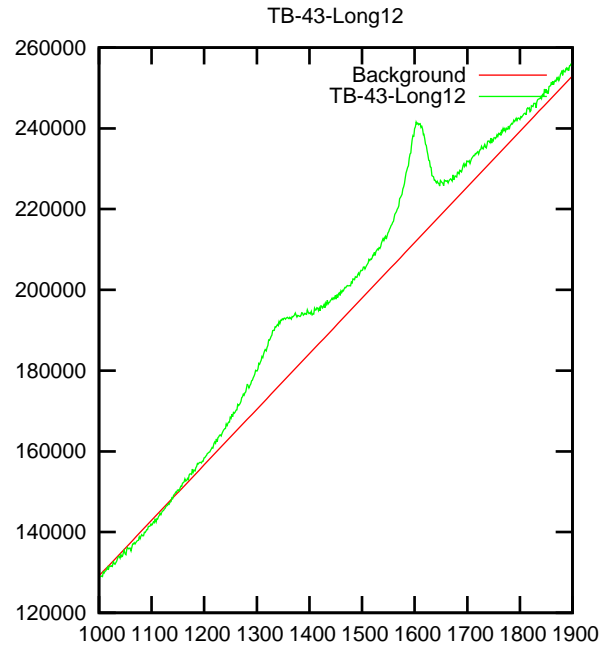


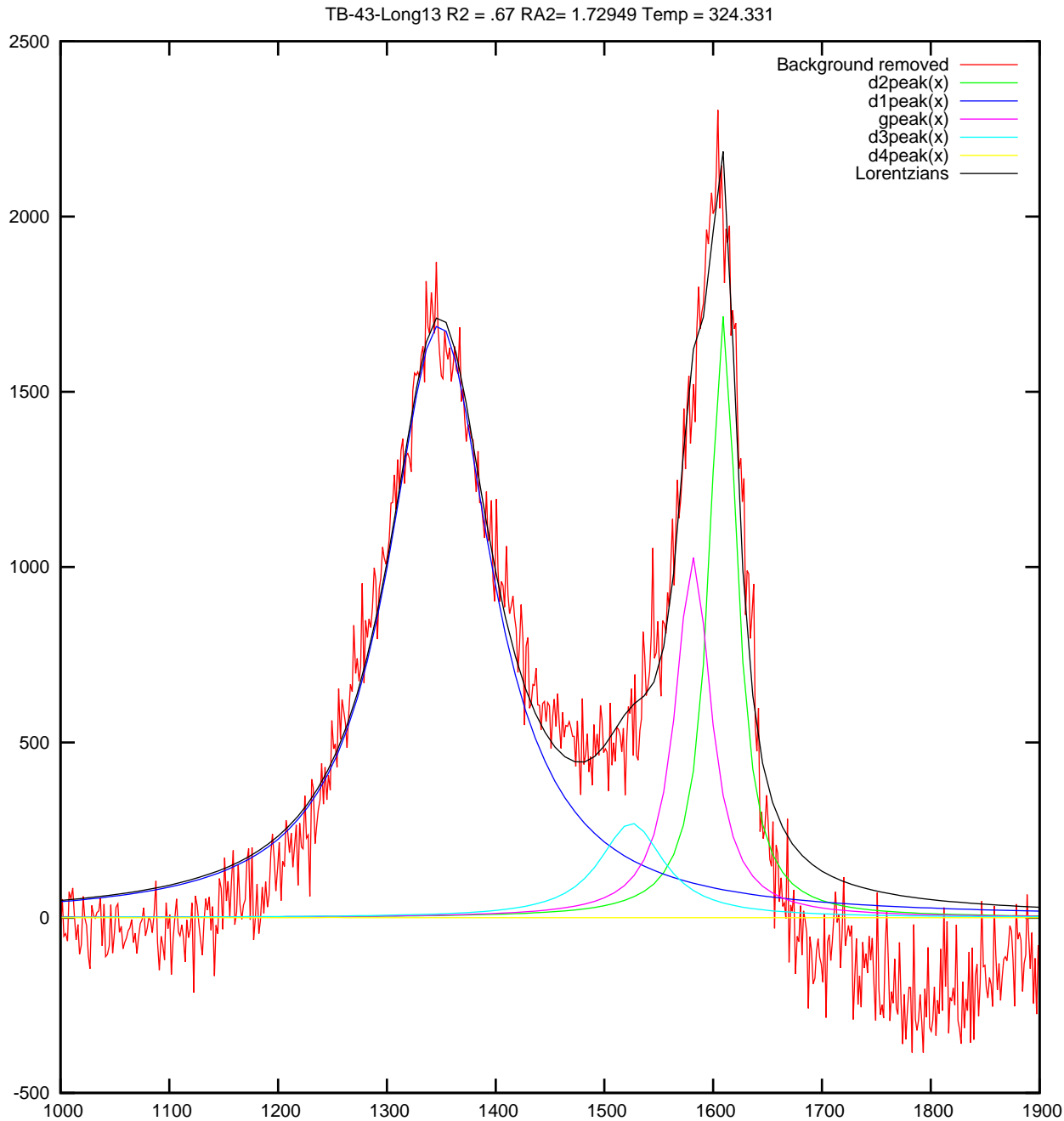
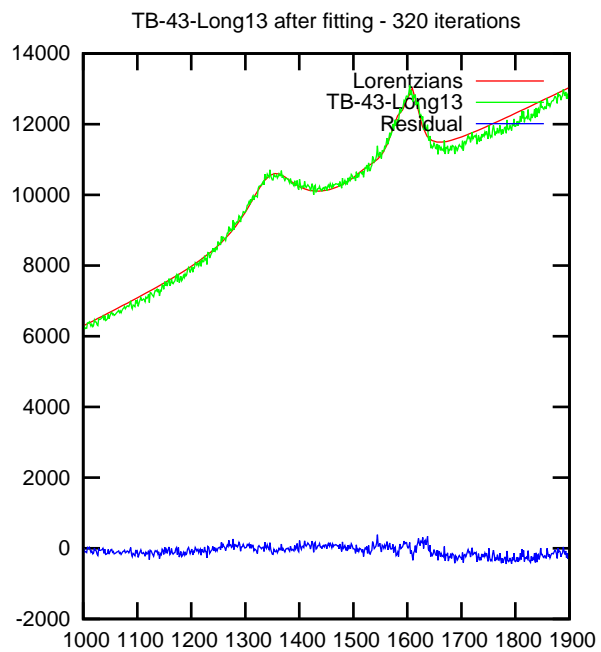
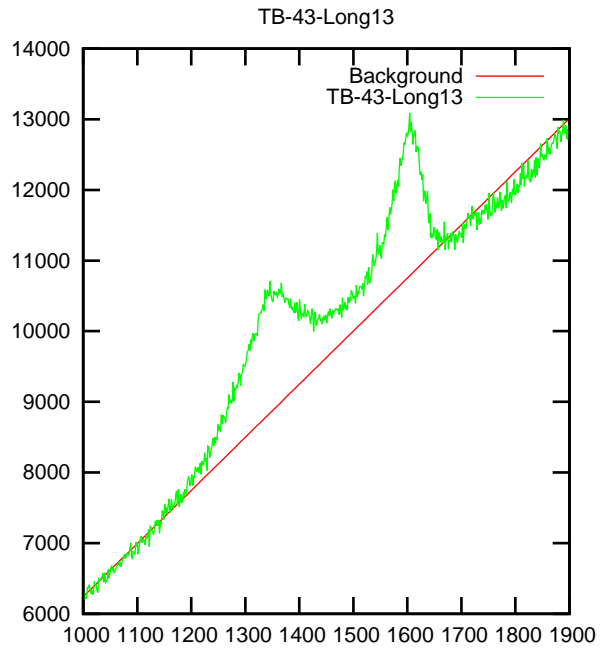




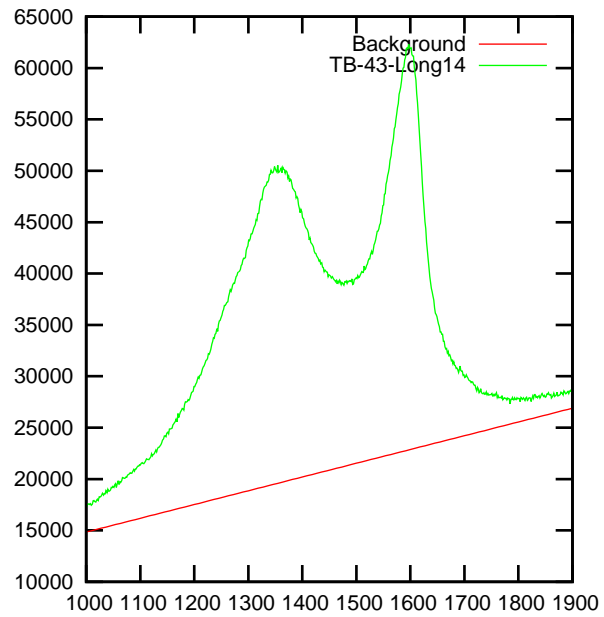




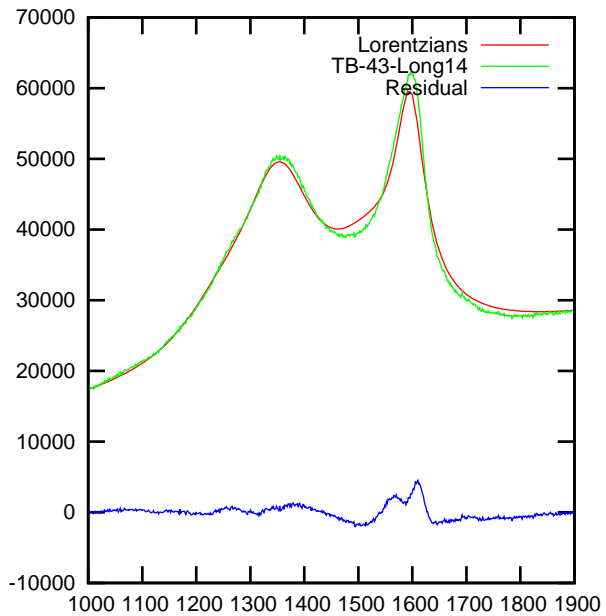




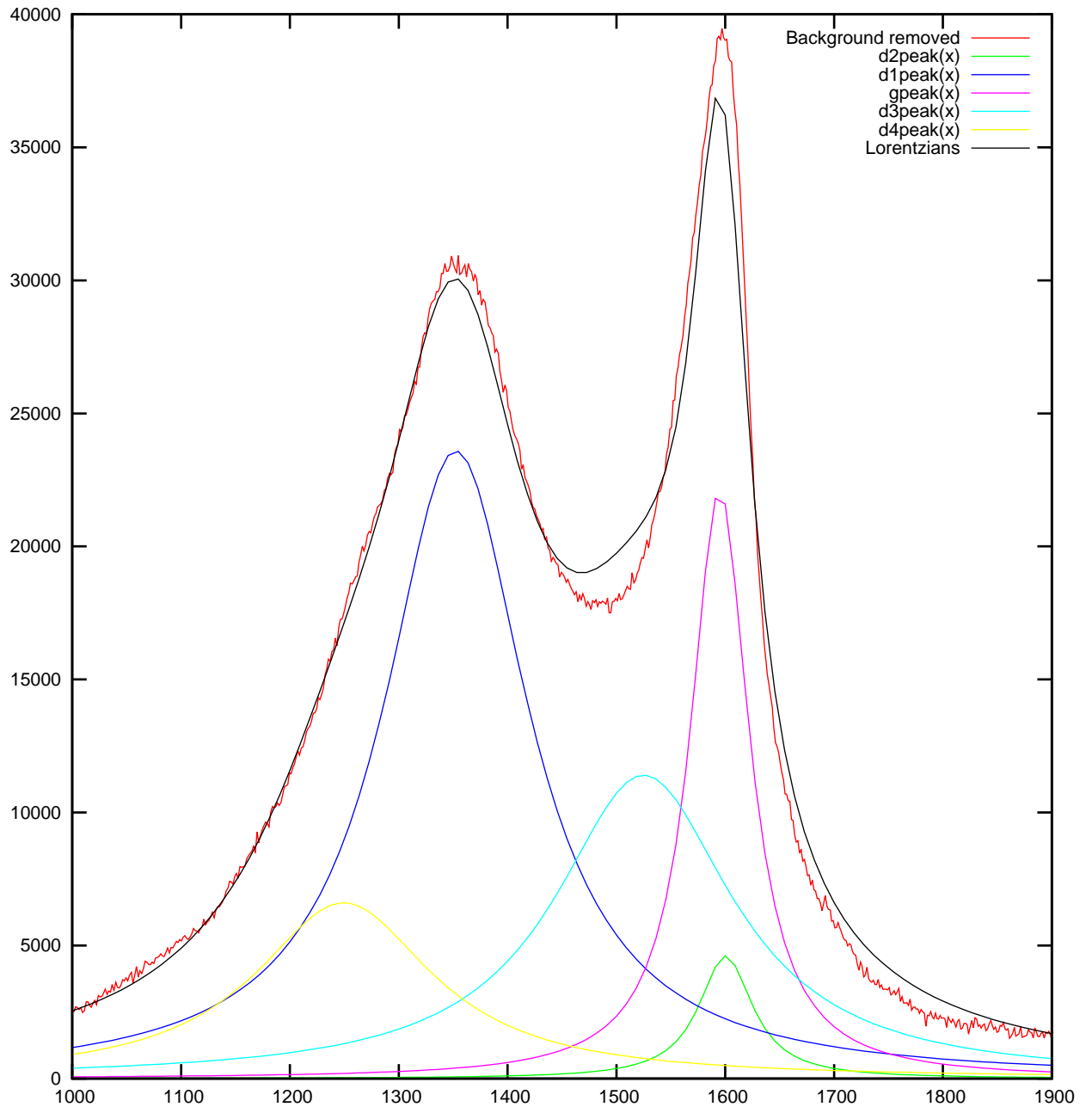
TB-43-Long14

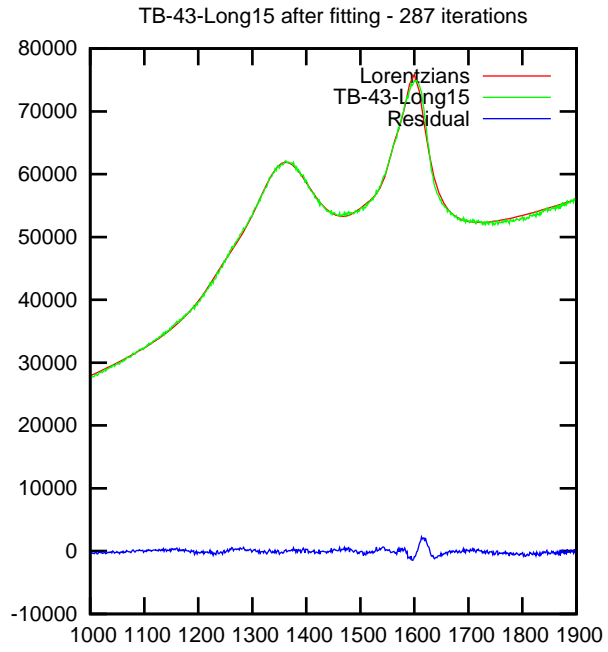
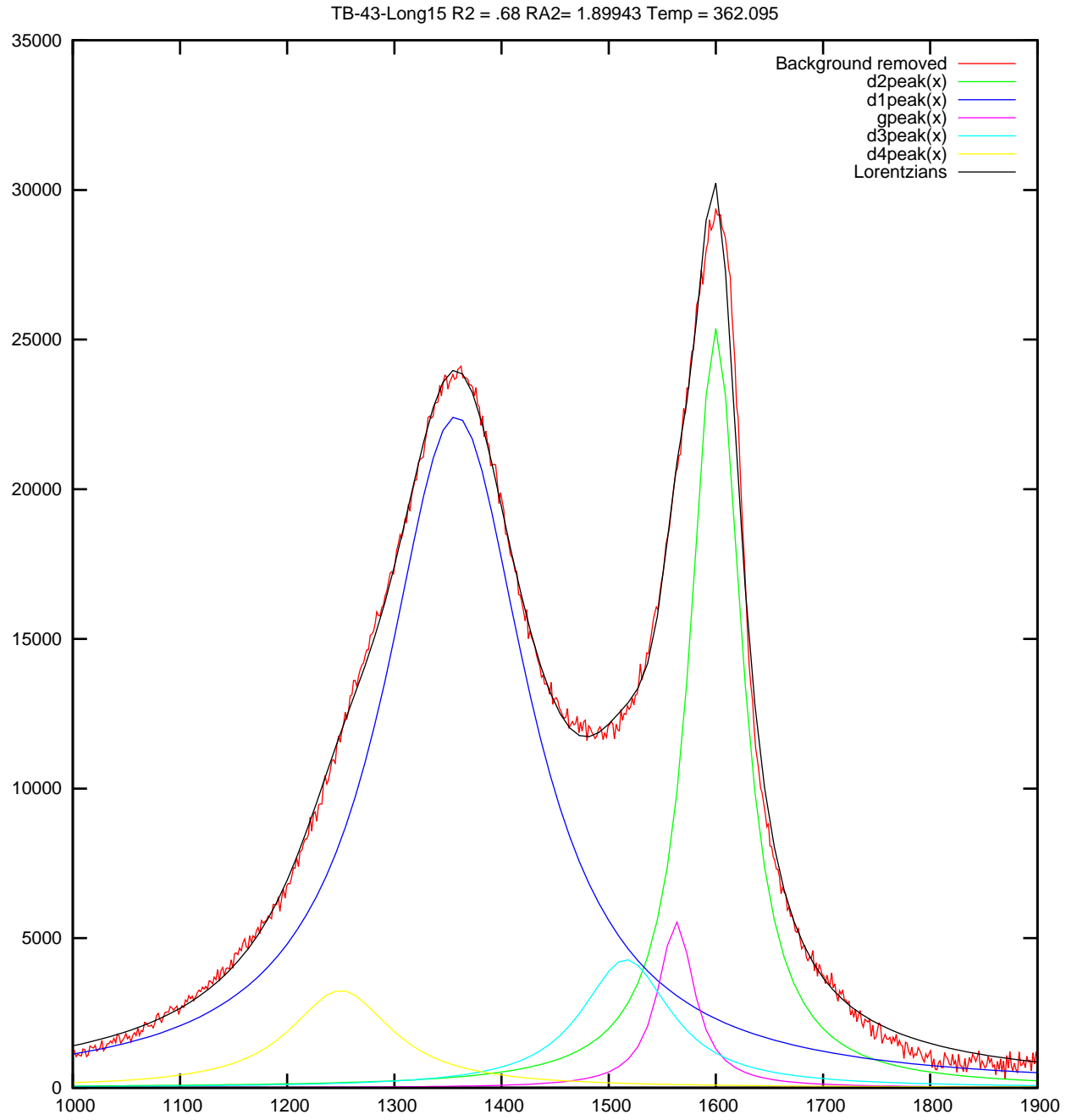
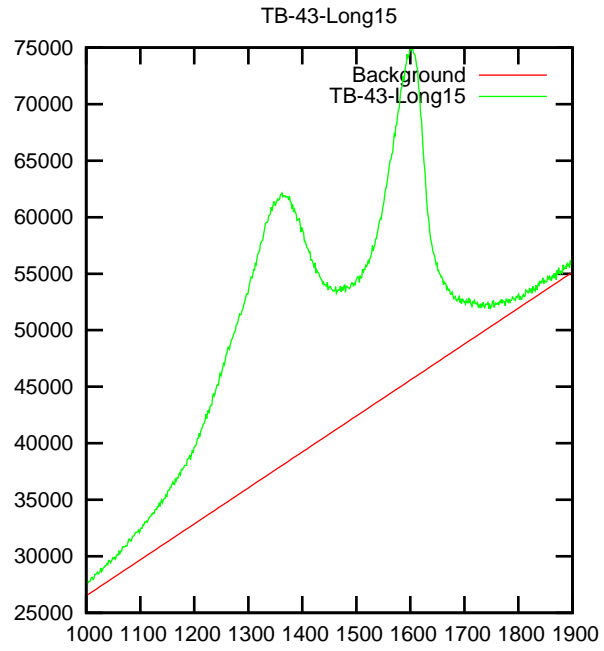


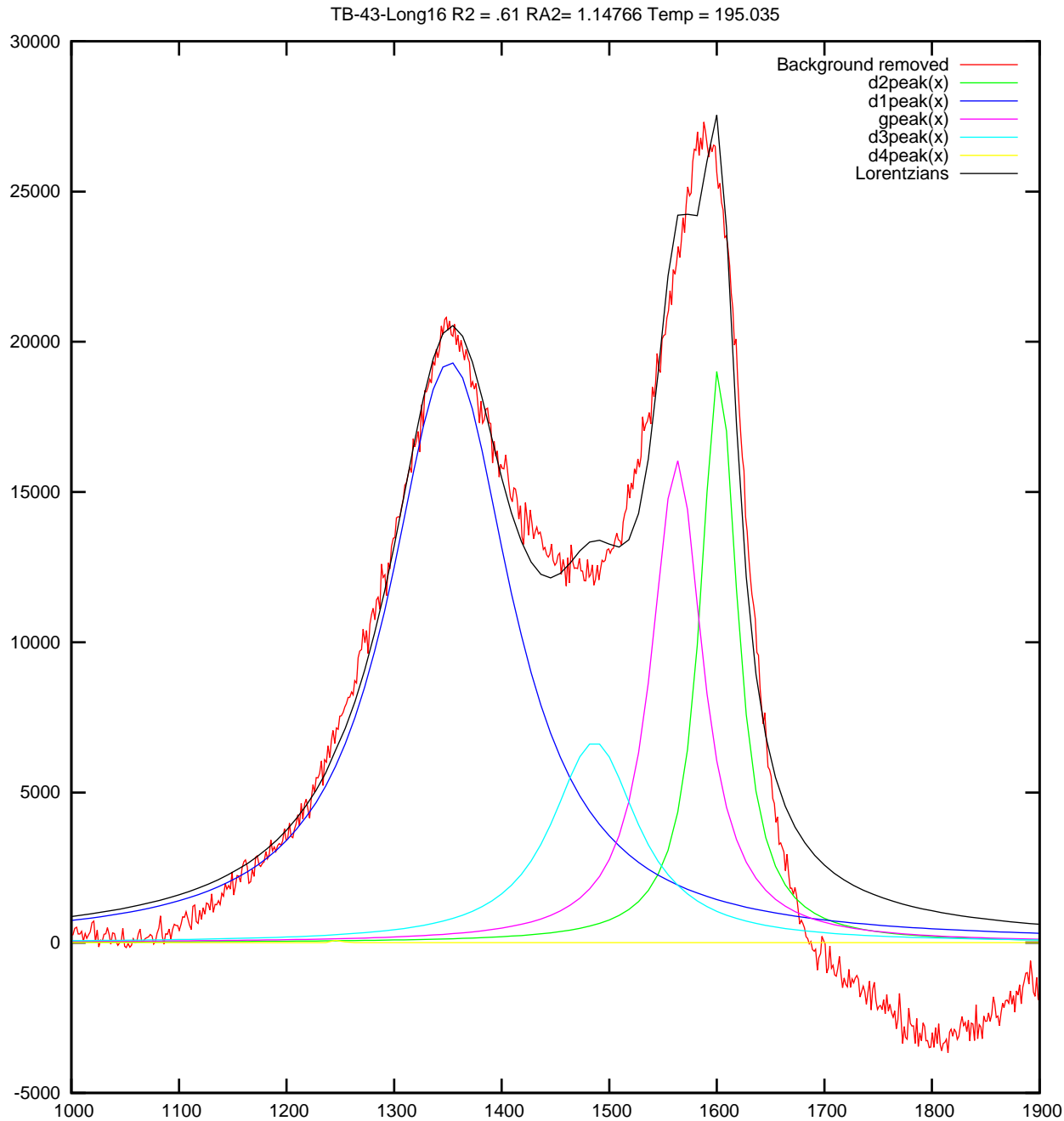
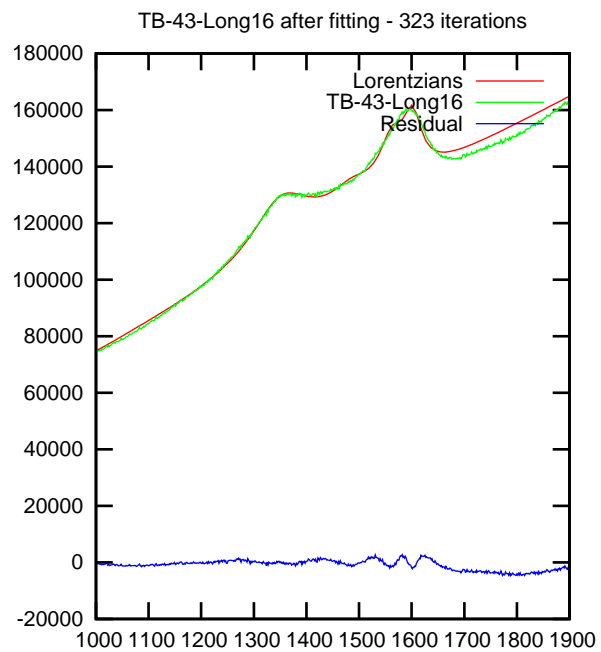
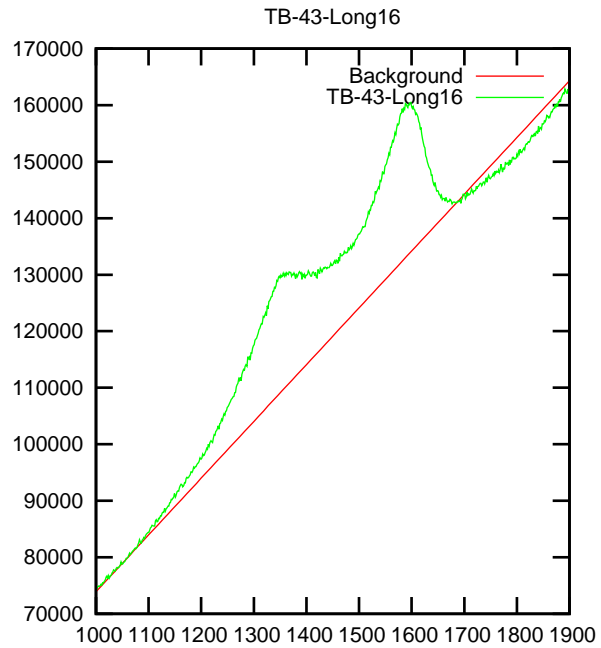
TB-43-Long14 after fitting - 9158 iterations

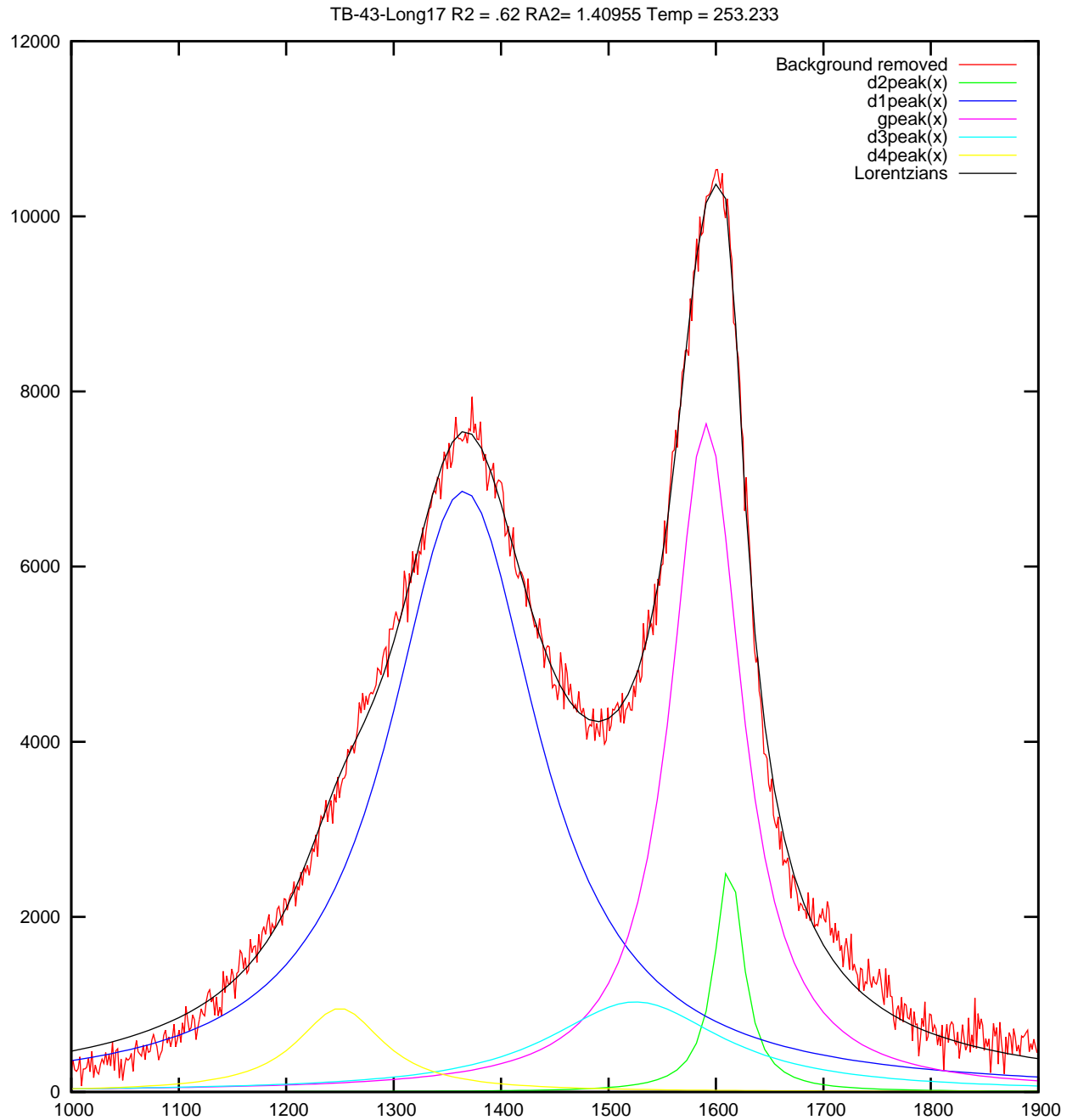
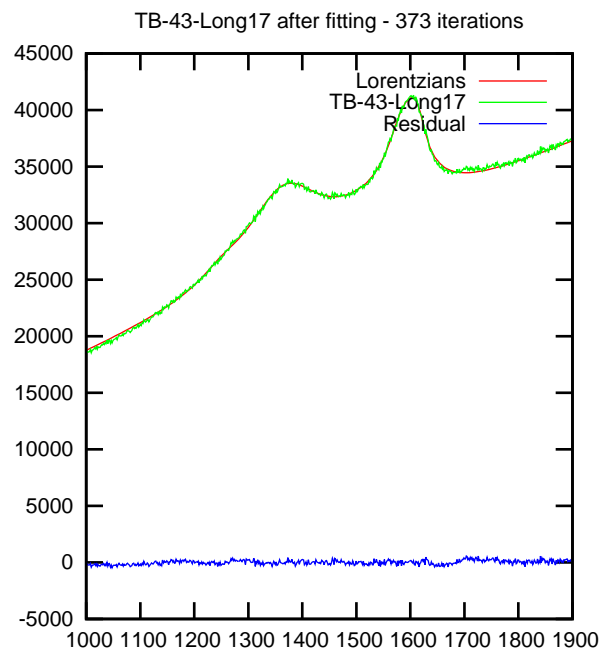
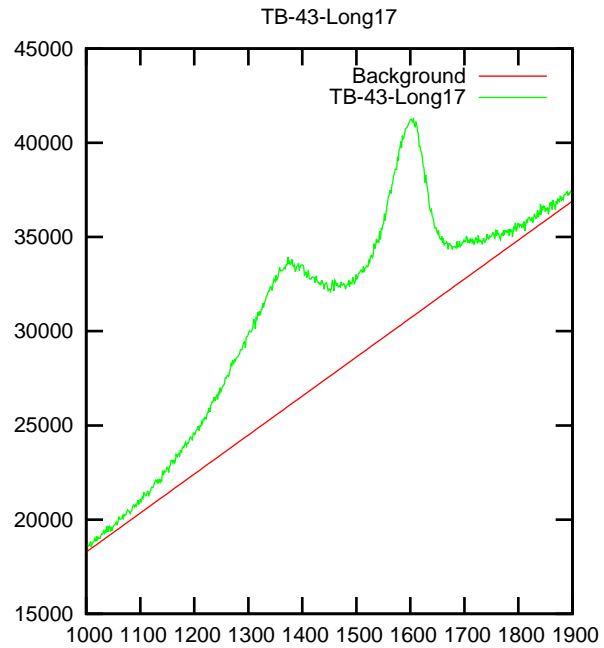


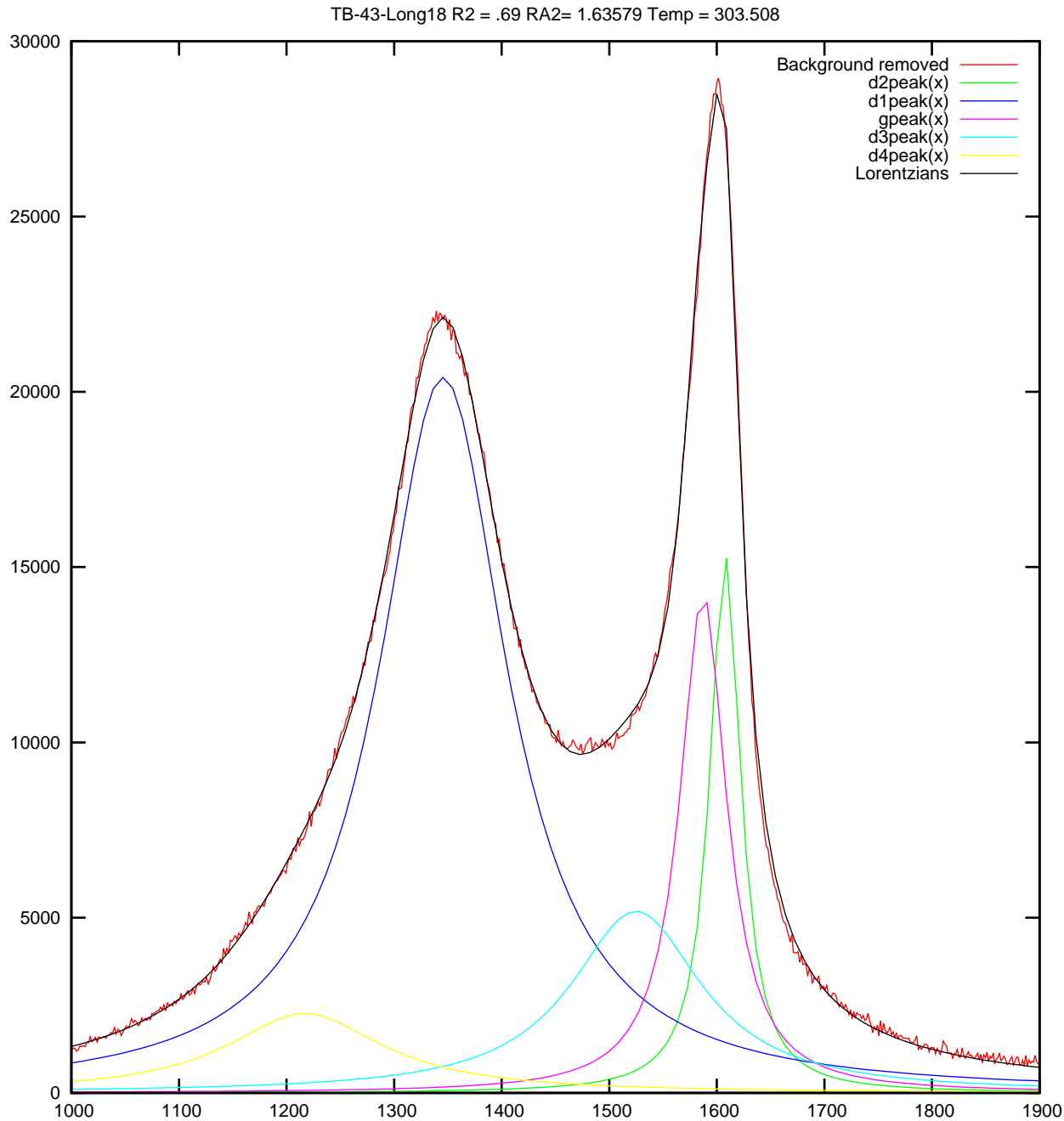
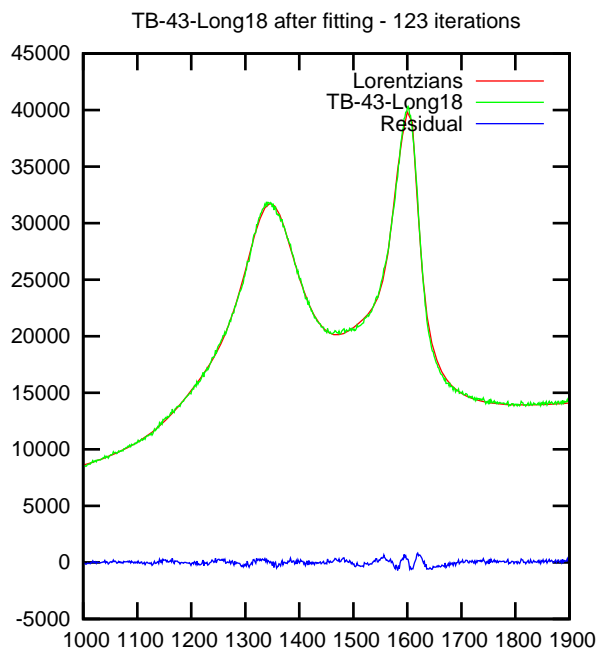
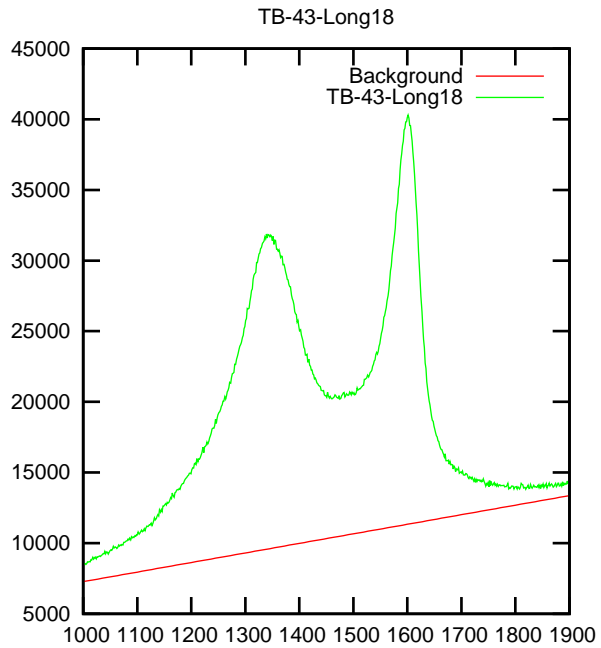
TB-43-Long14 R2 = .68 RA2= 1.27995 Temp = 224.433

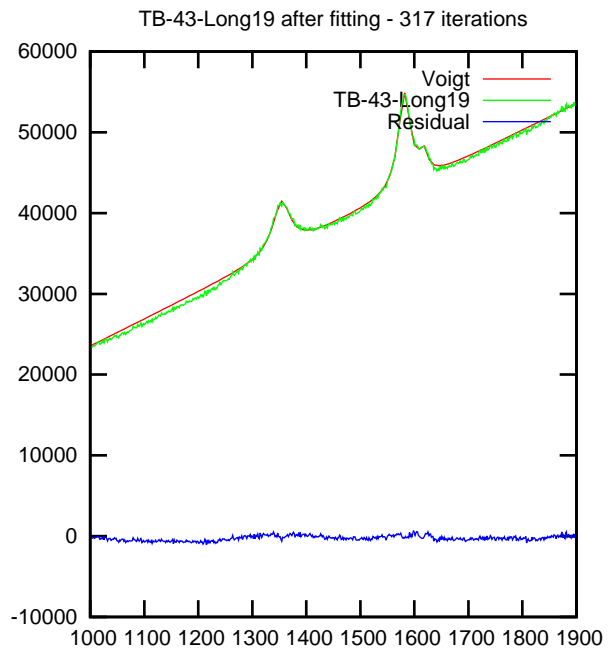
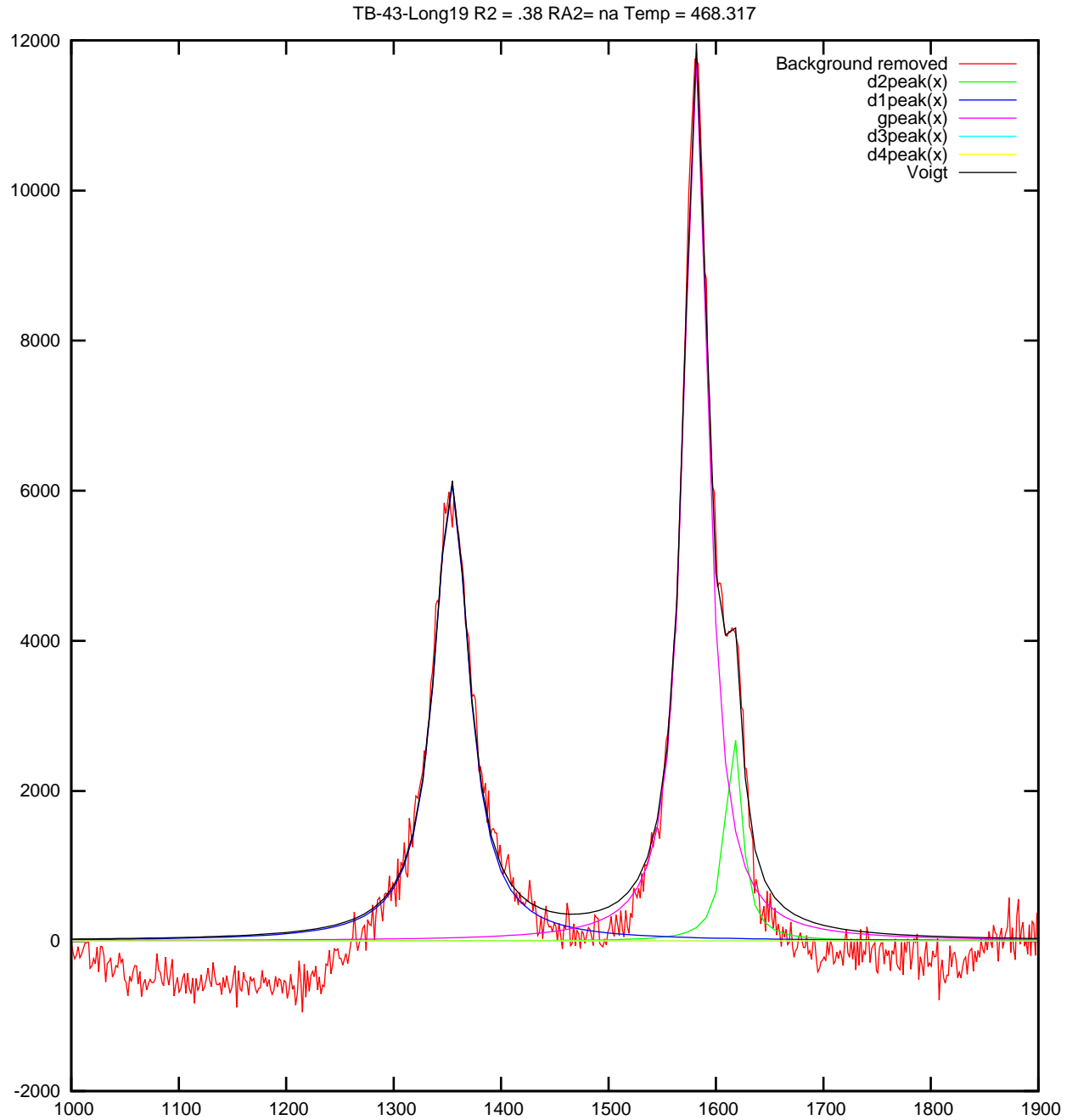
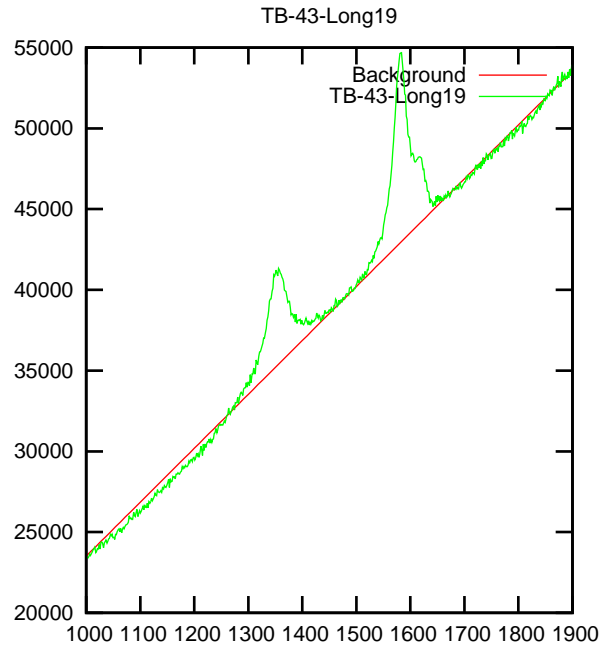


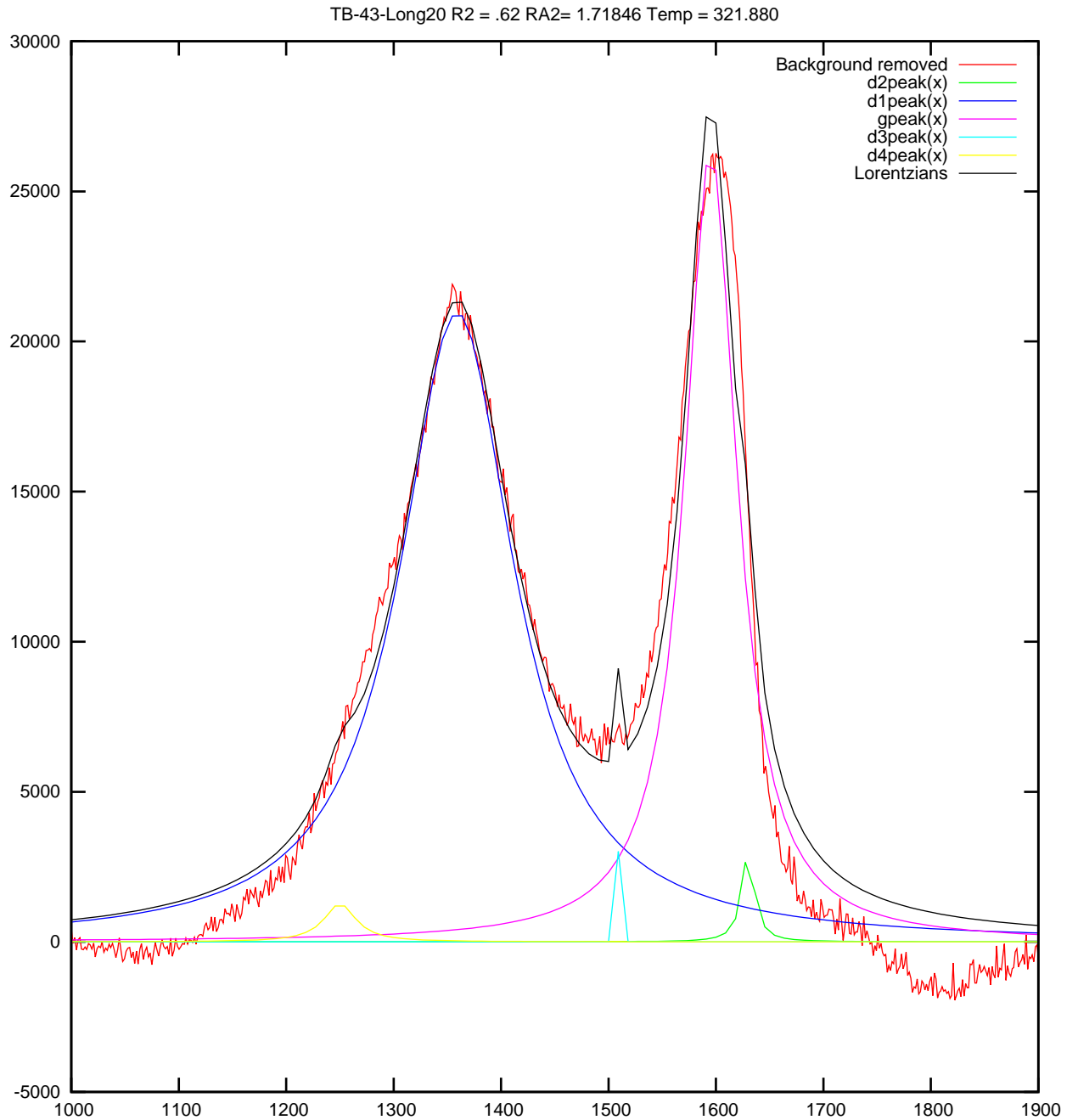
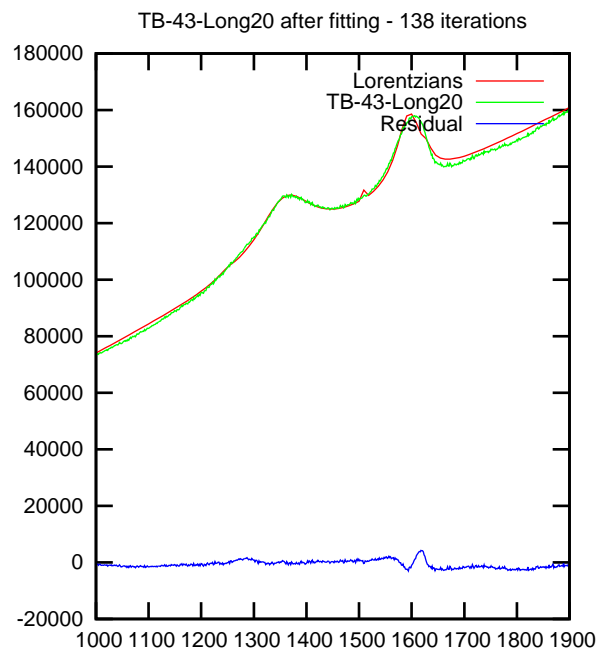
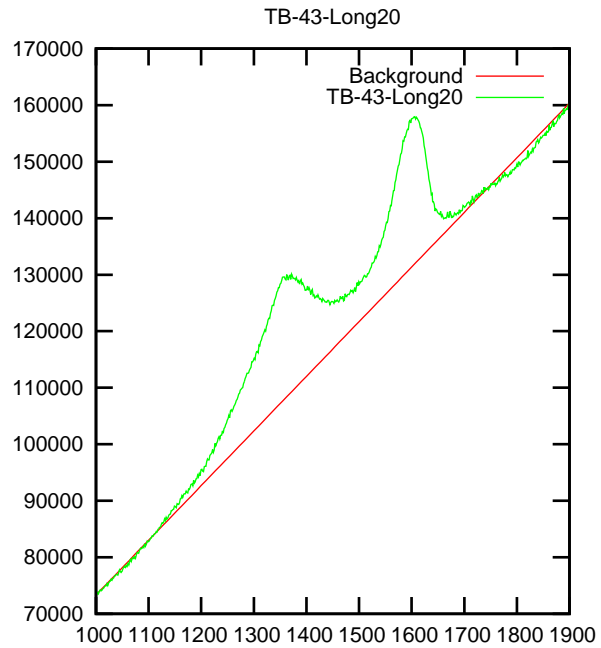


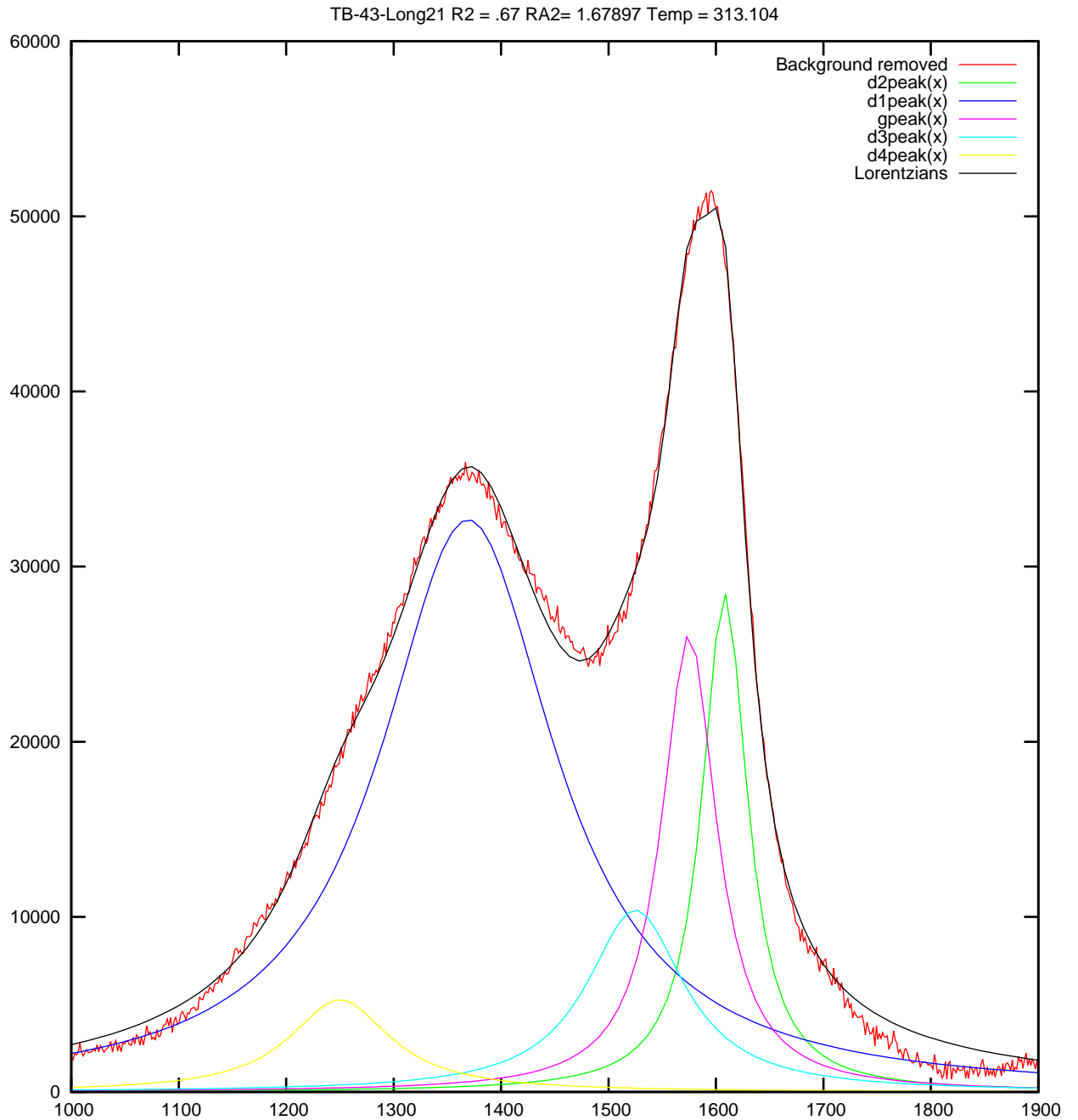
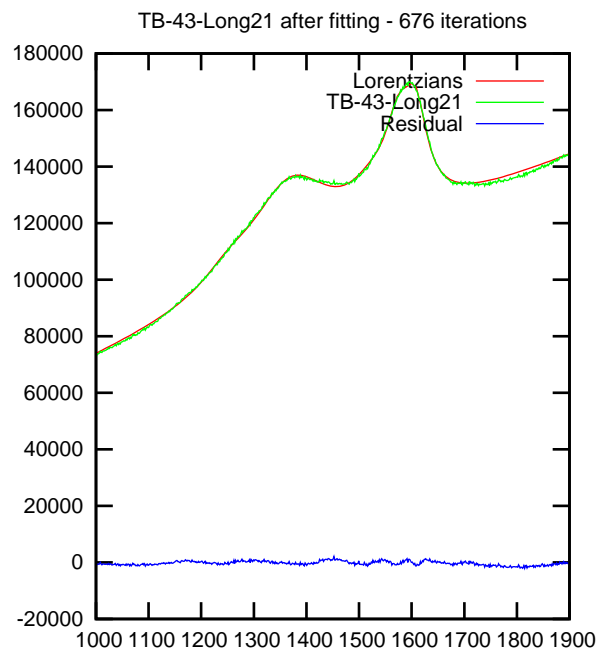
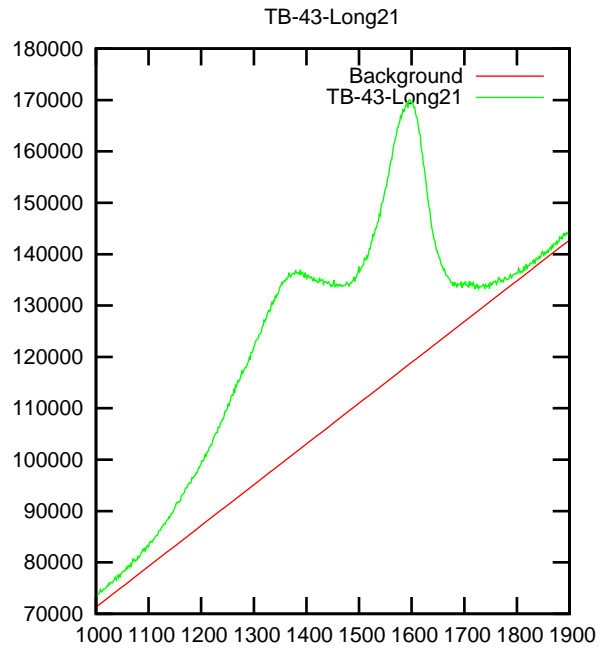


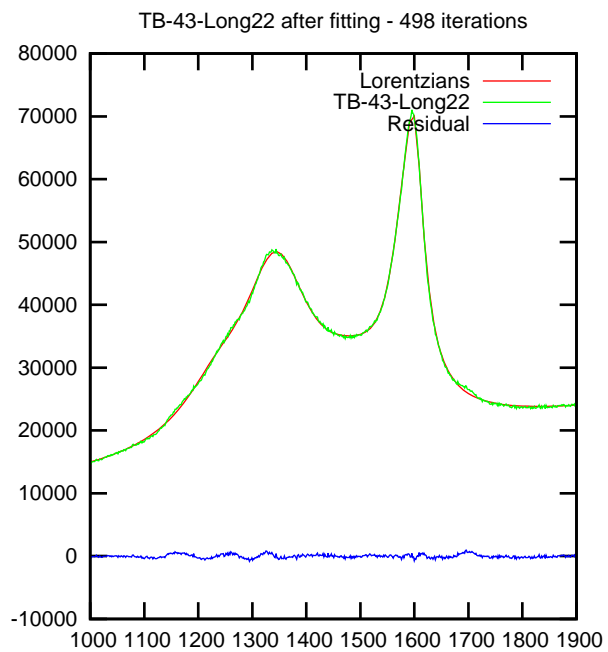
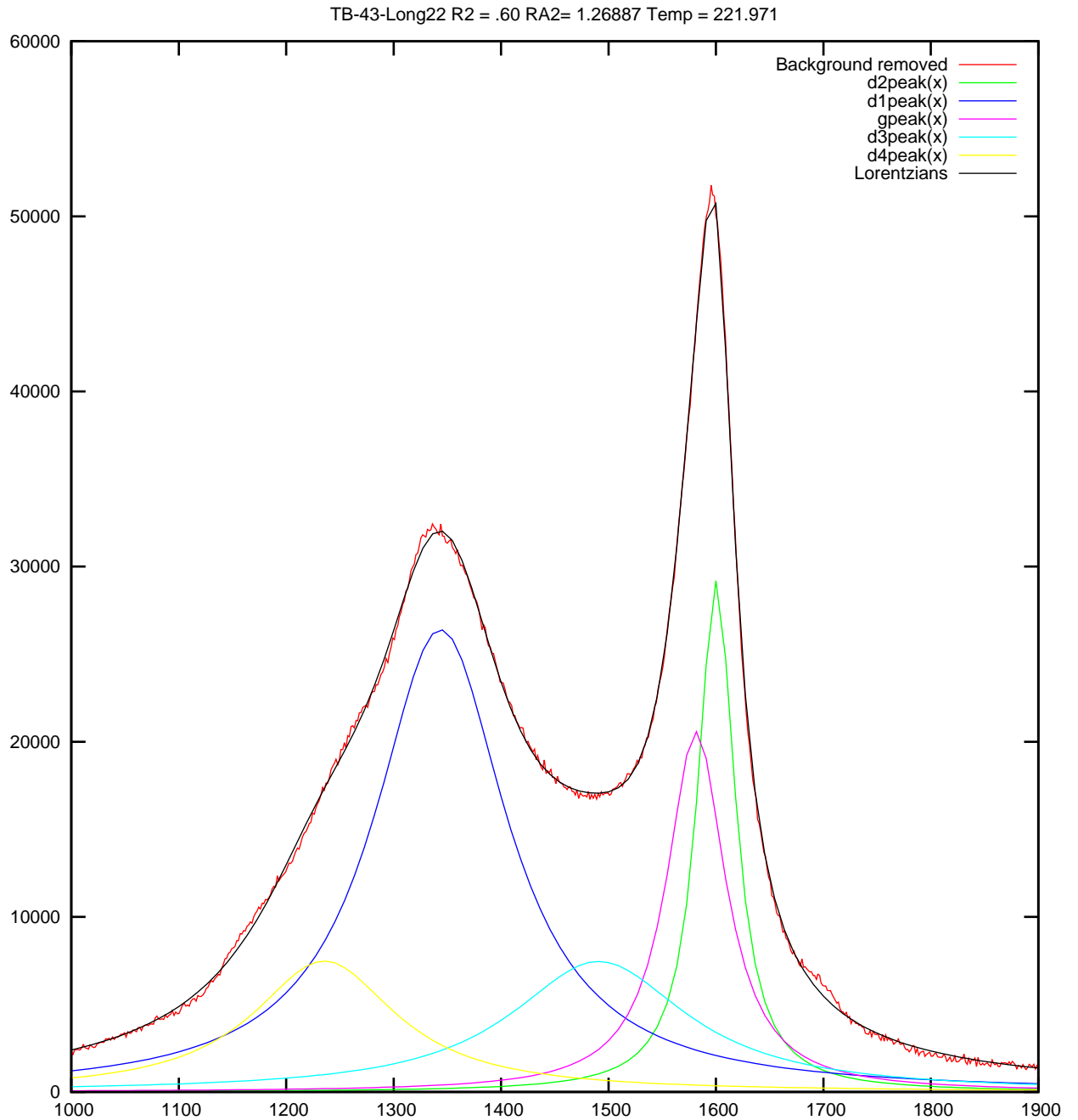
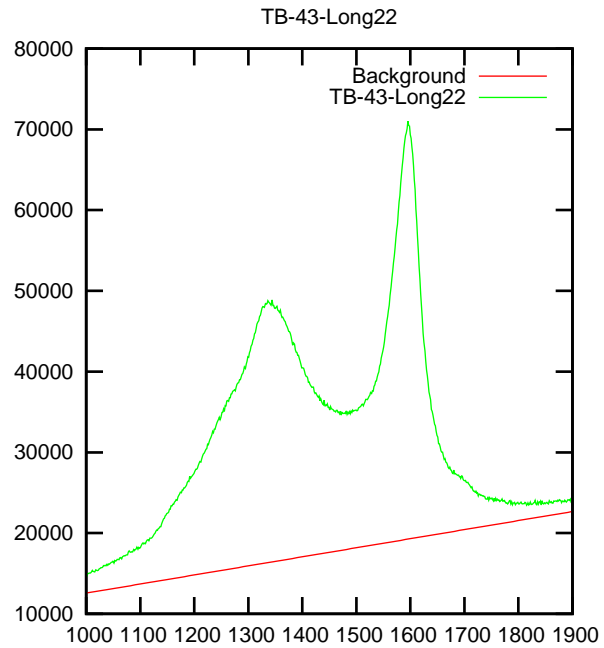


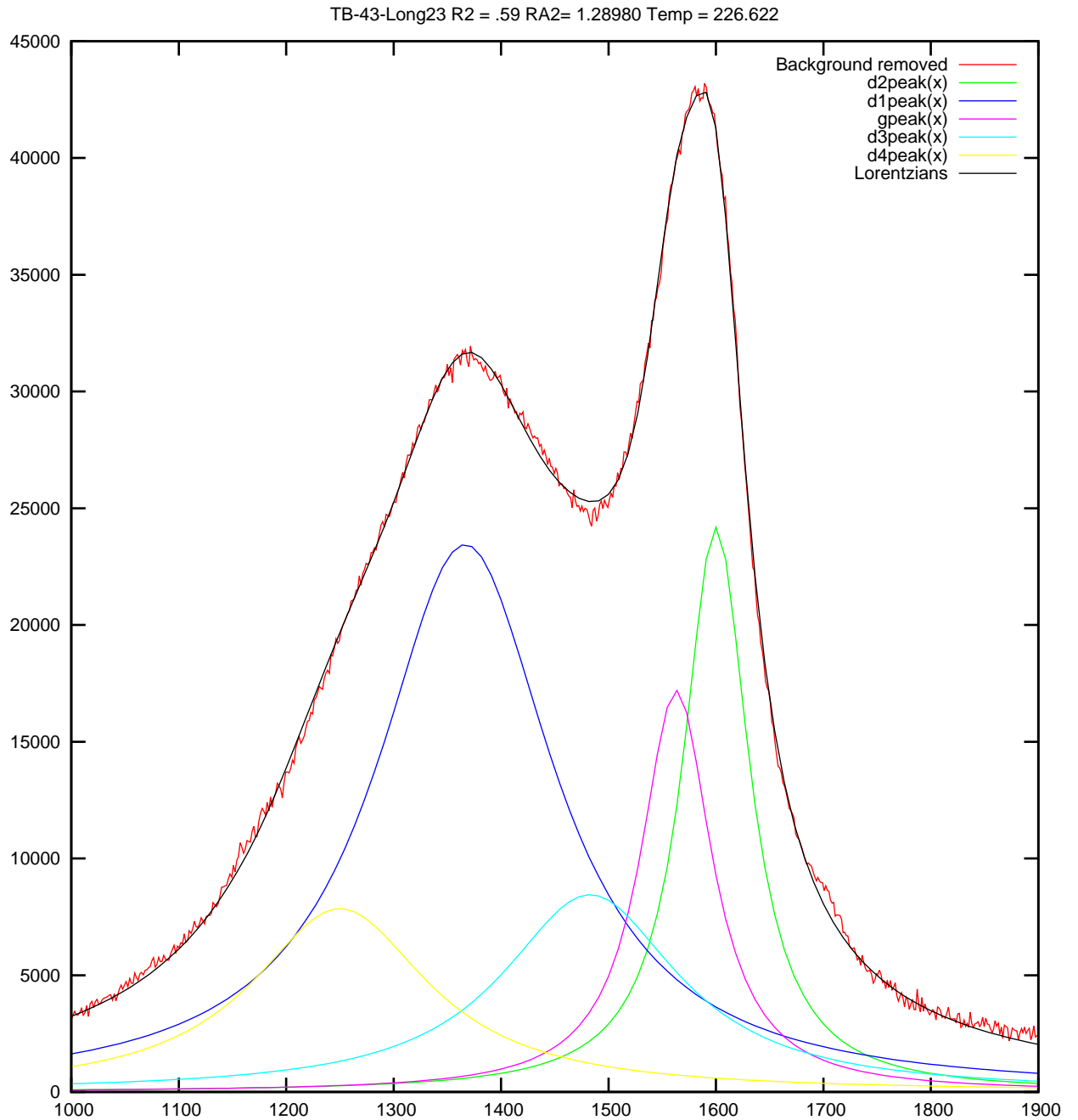
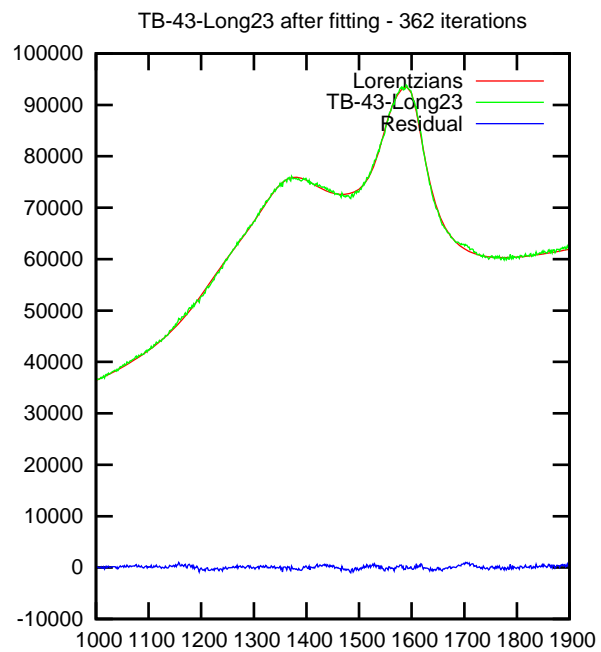
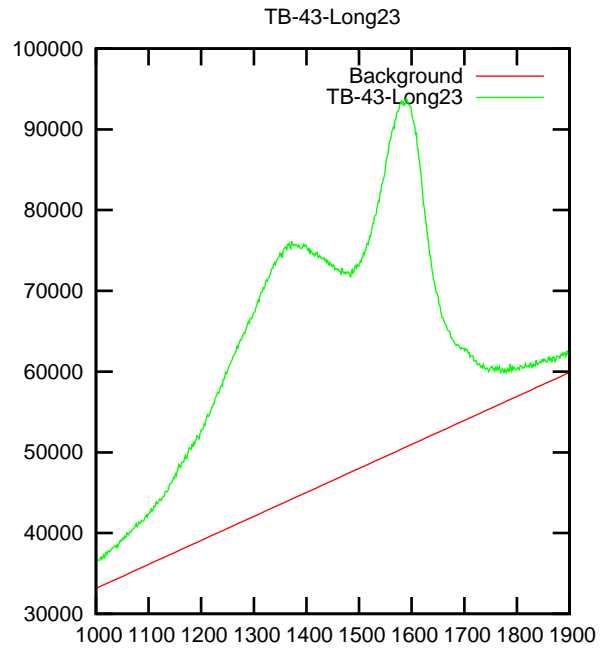


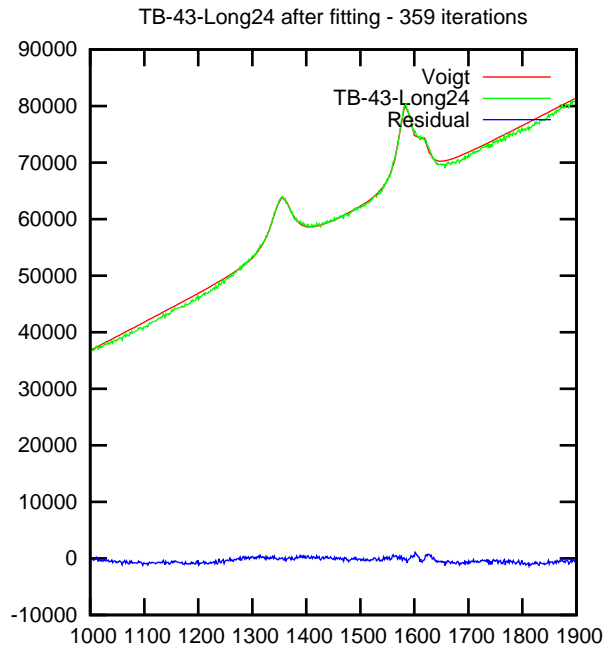
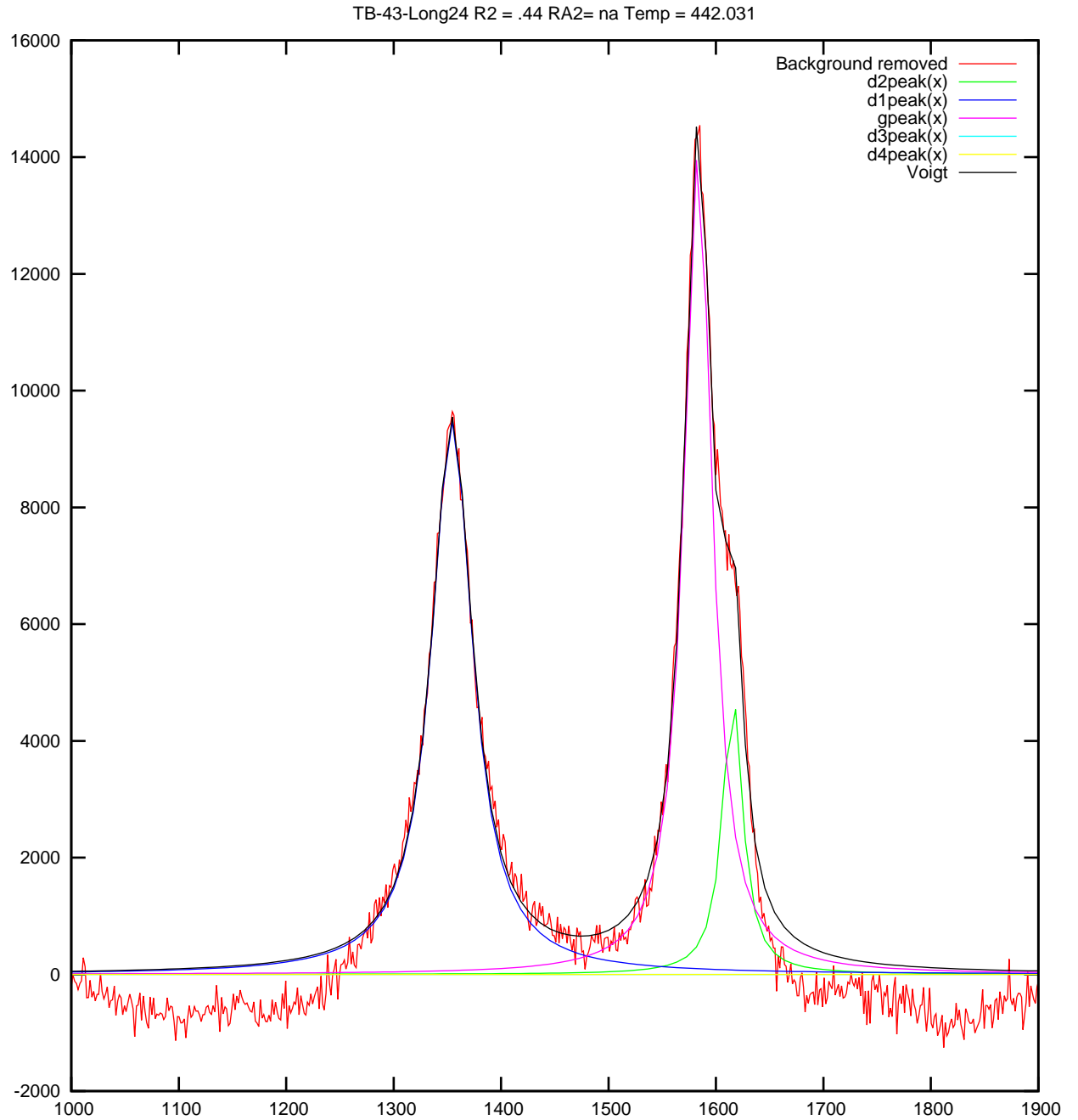
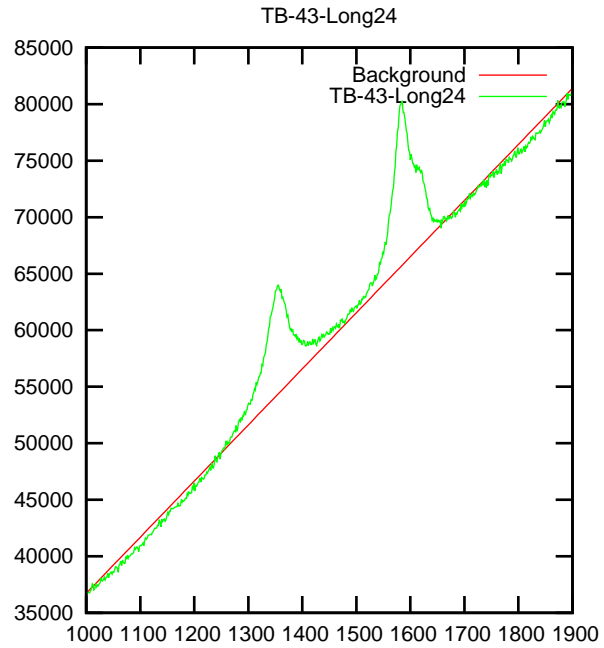


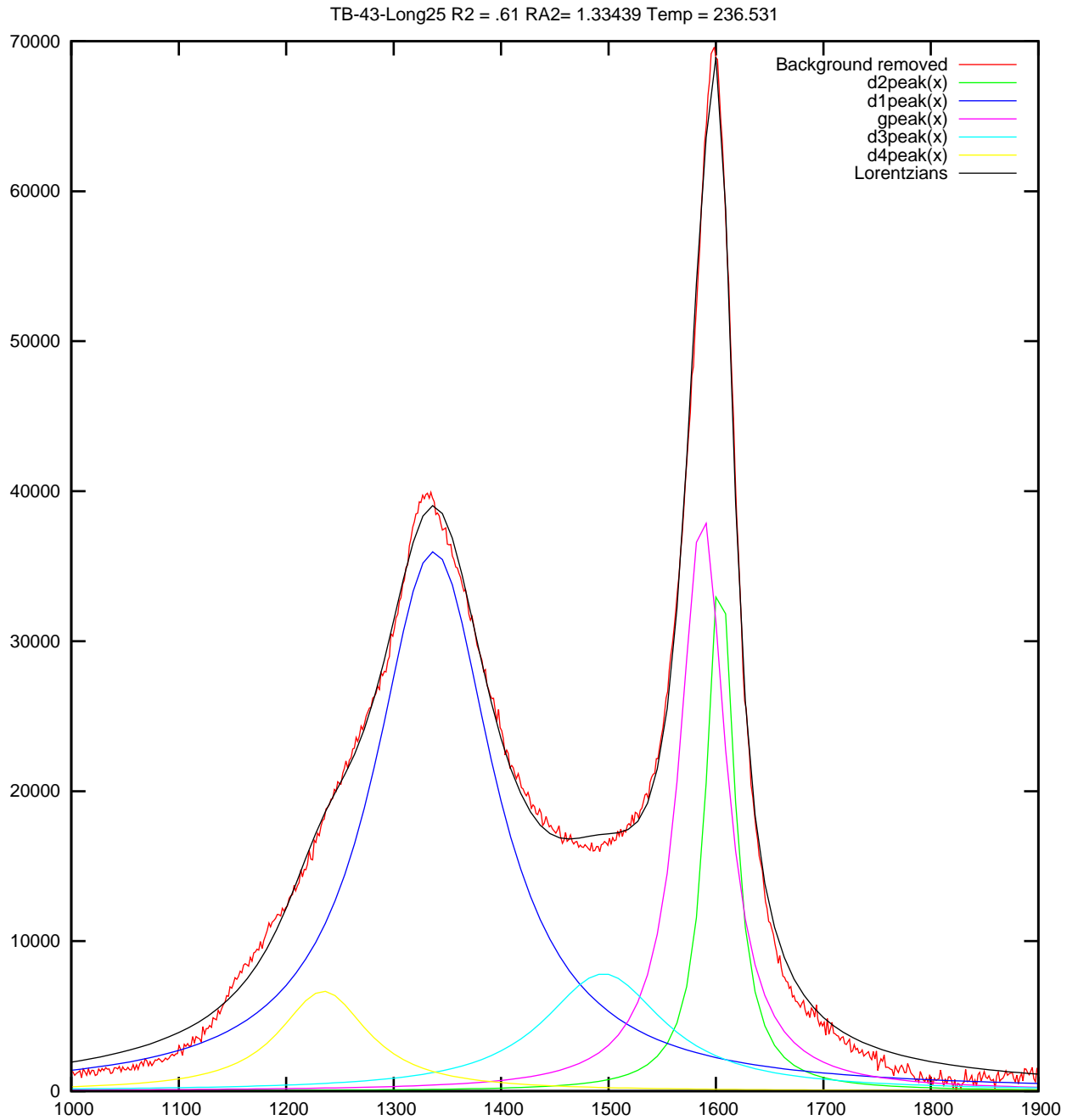
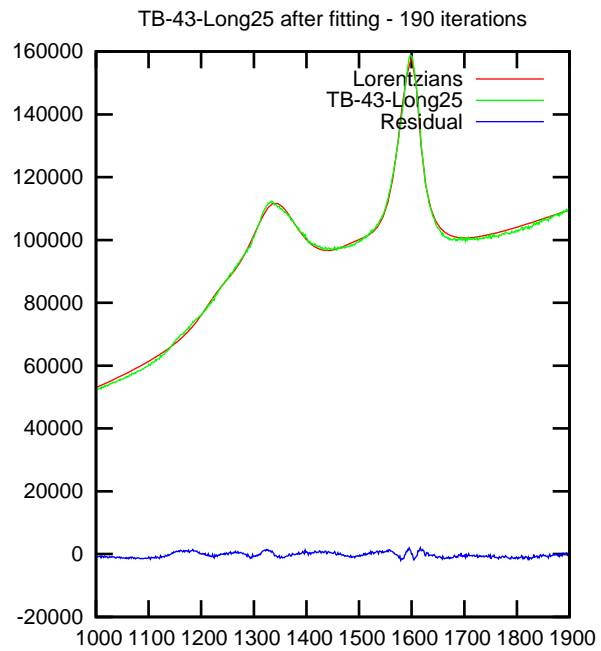
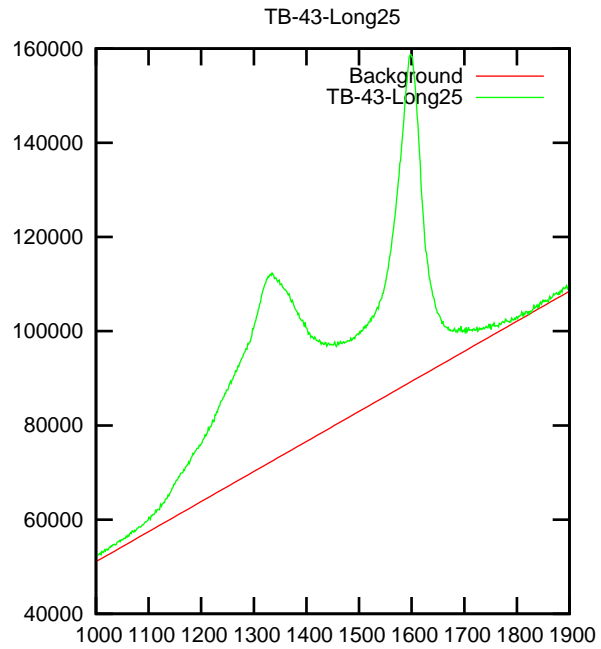


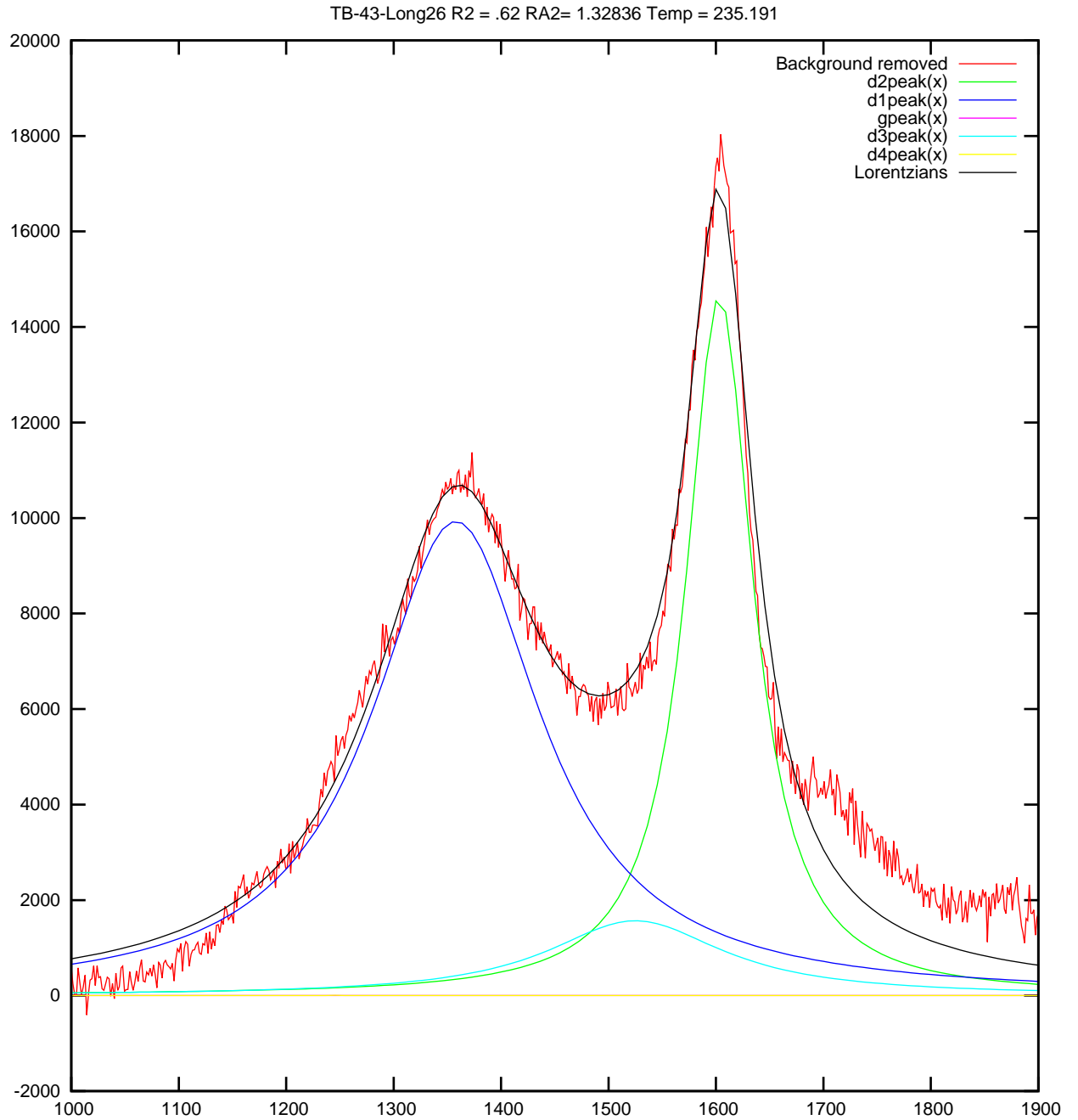
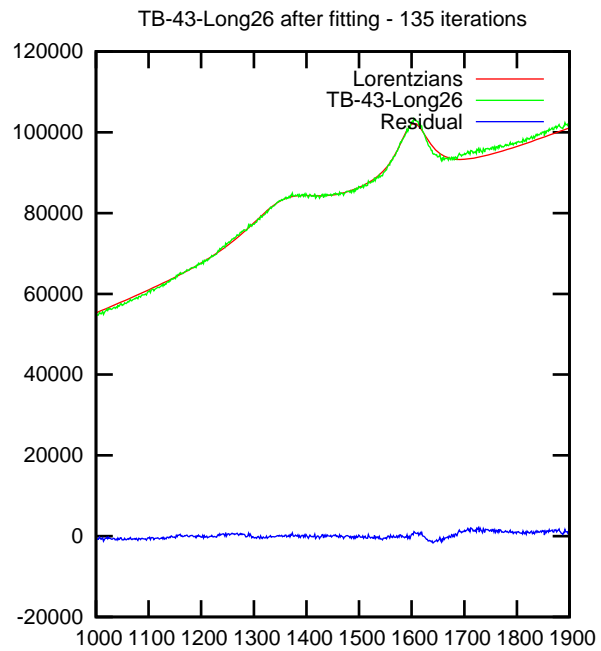
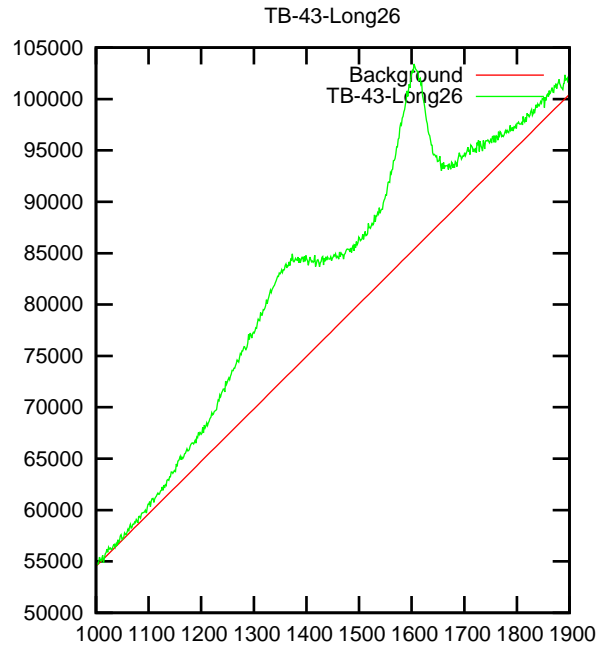


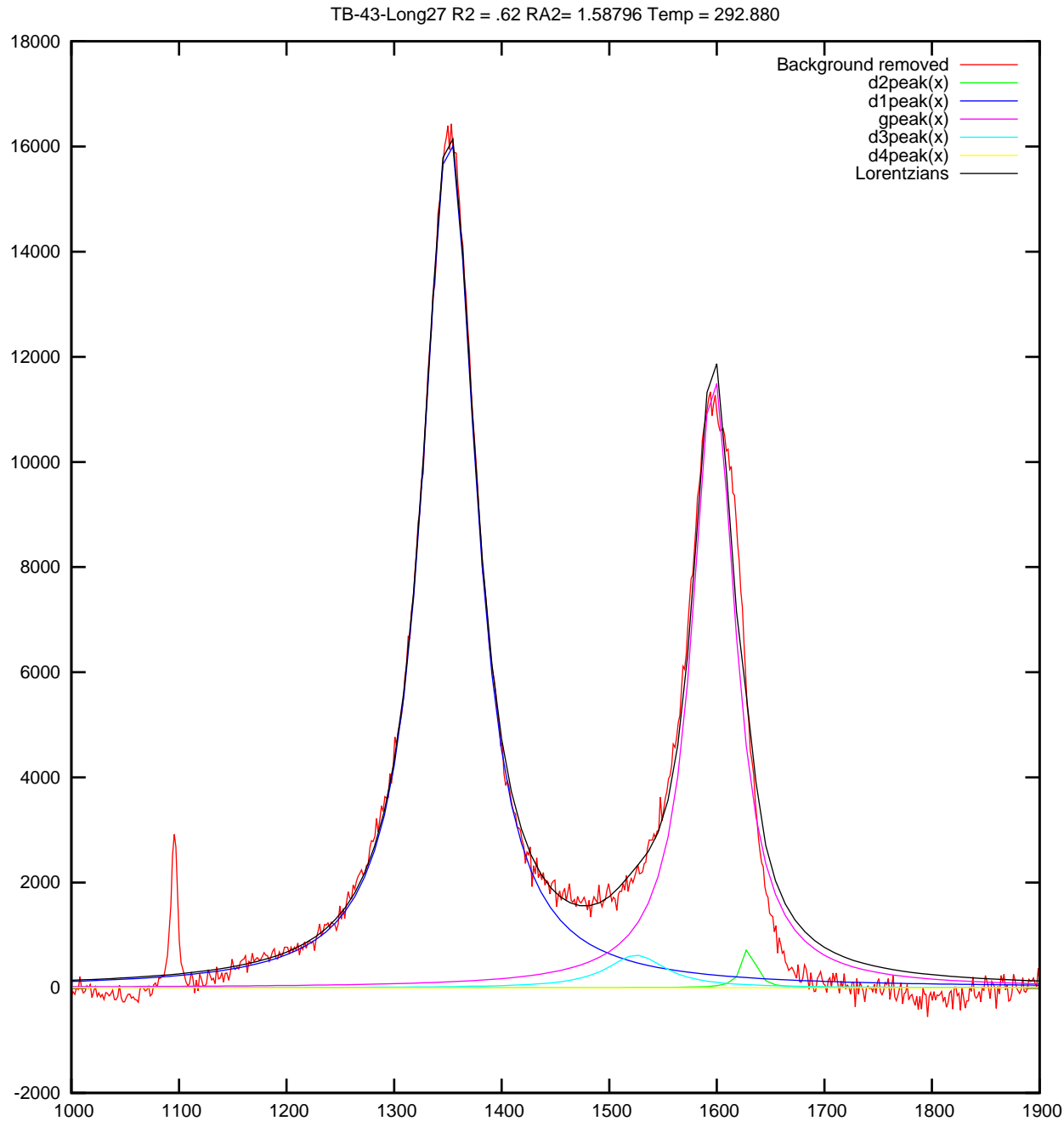
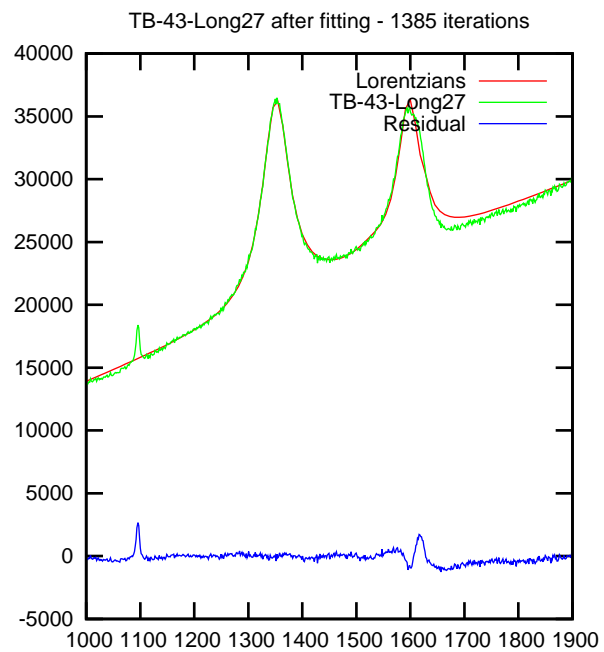
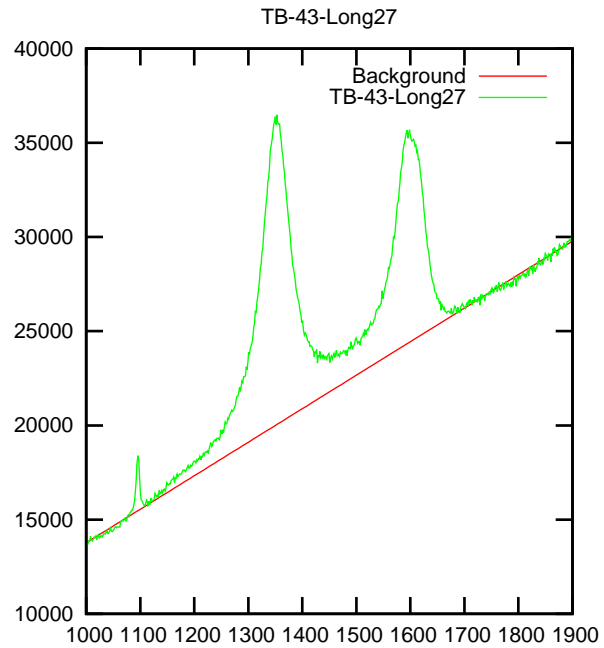


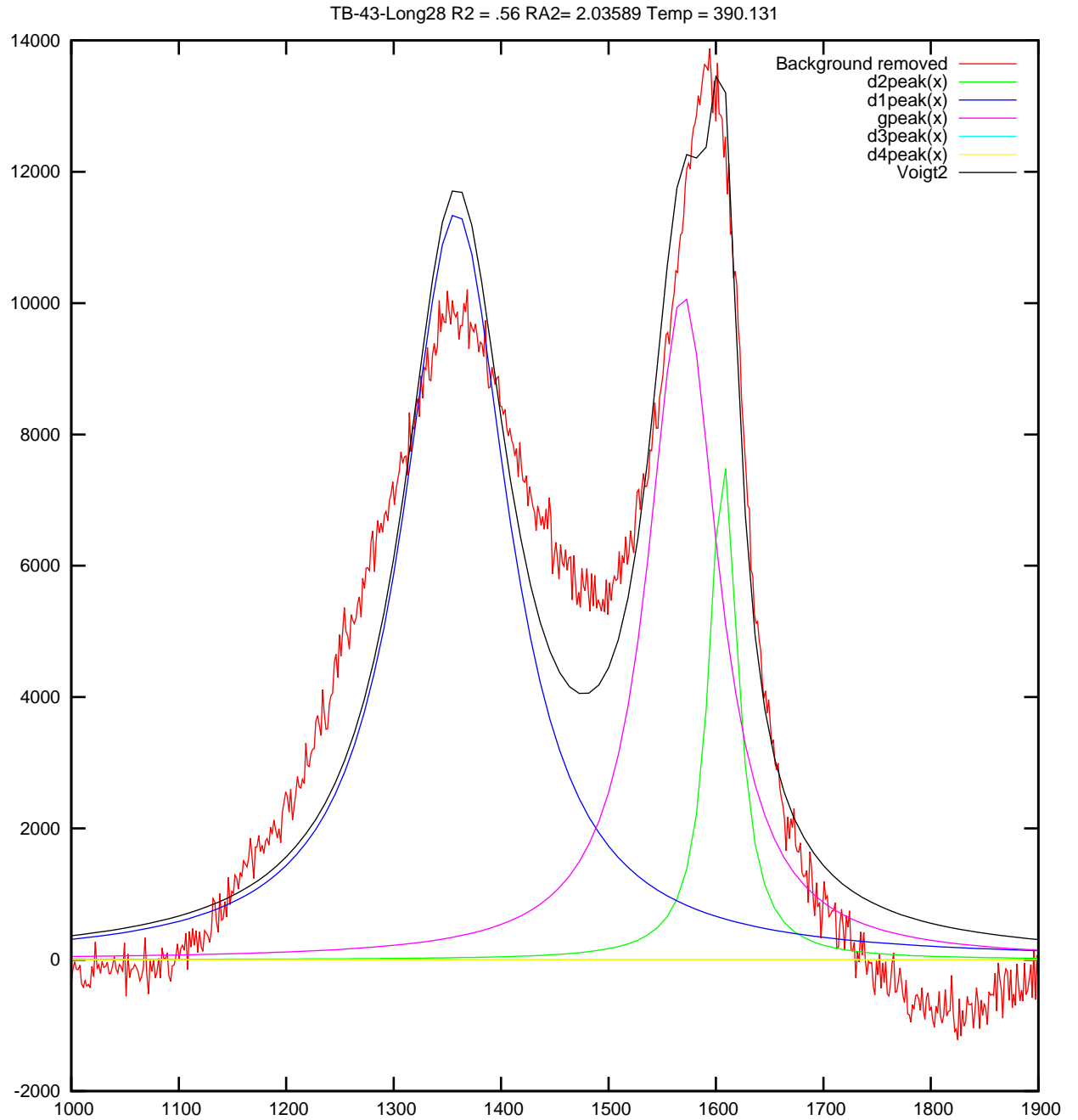
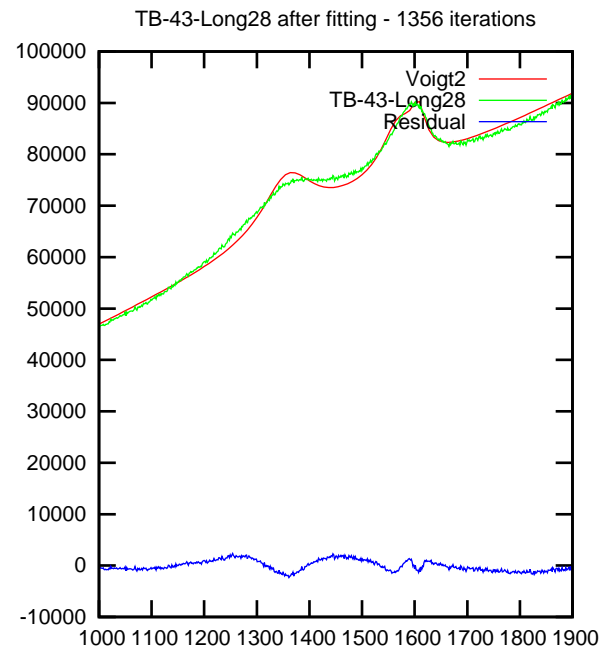
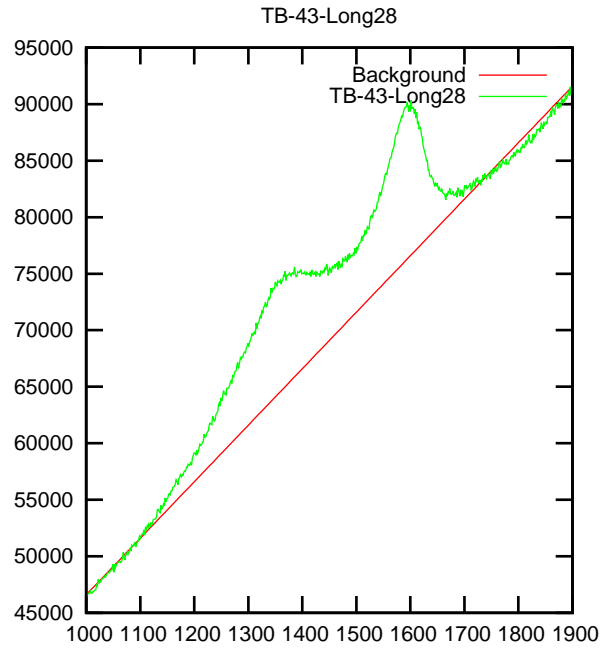




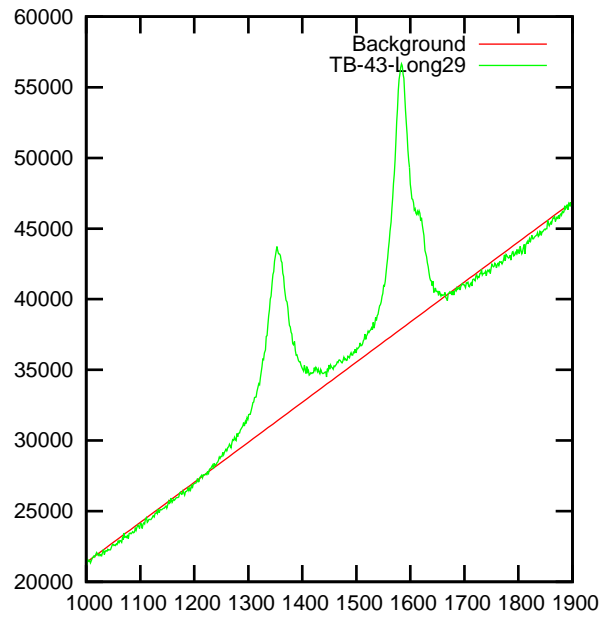




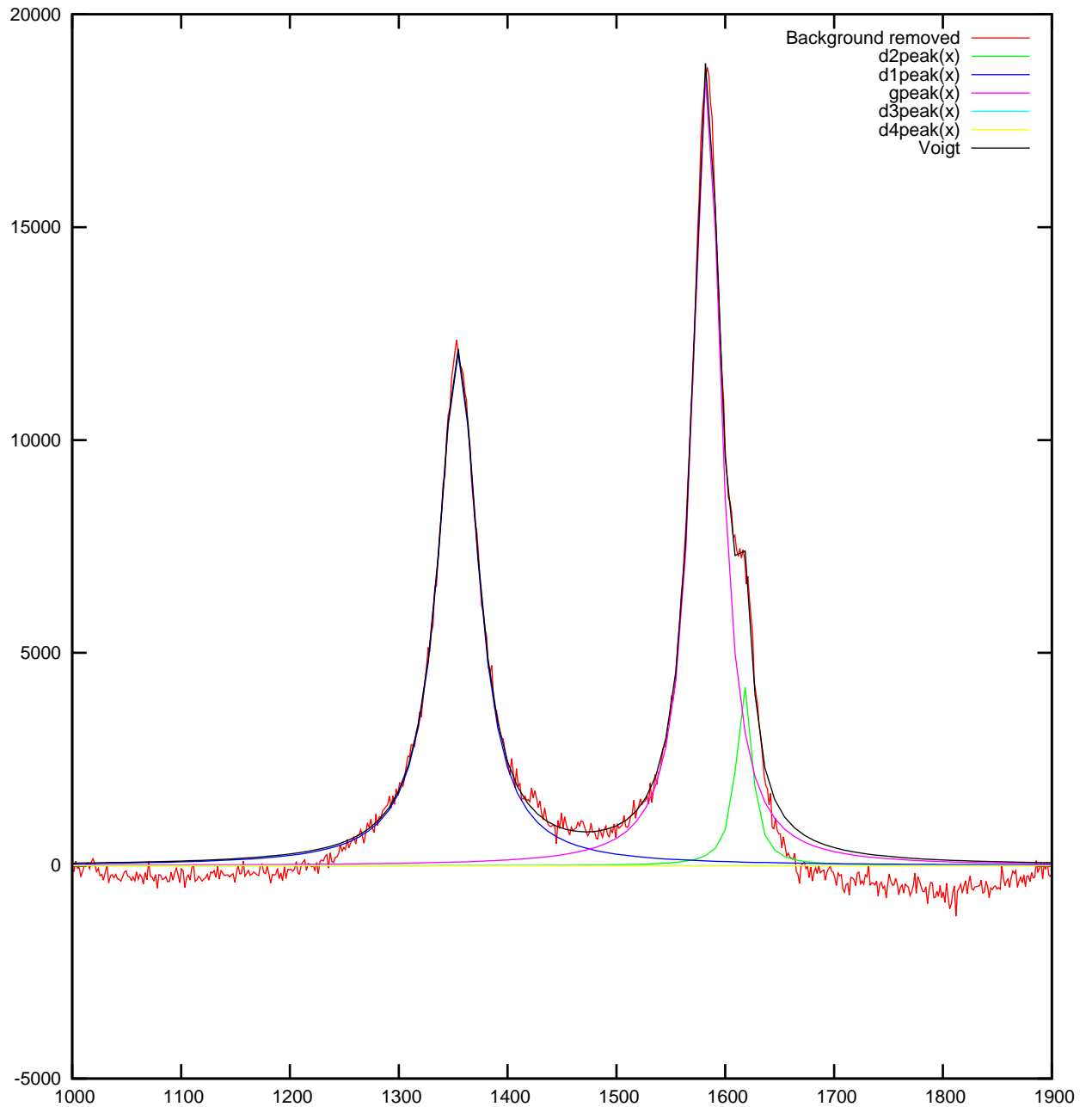




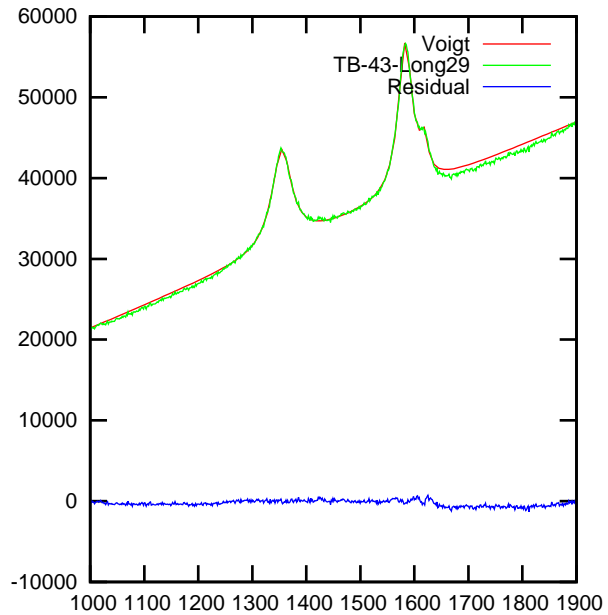
TB-43-Long29

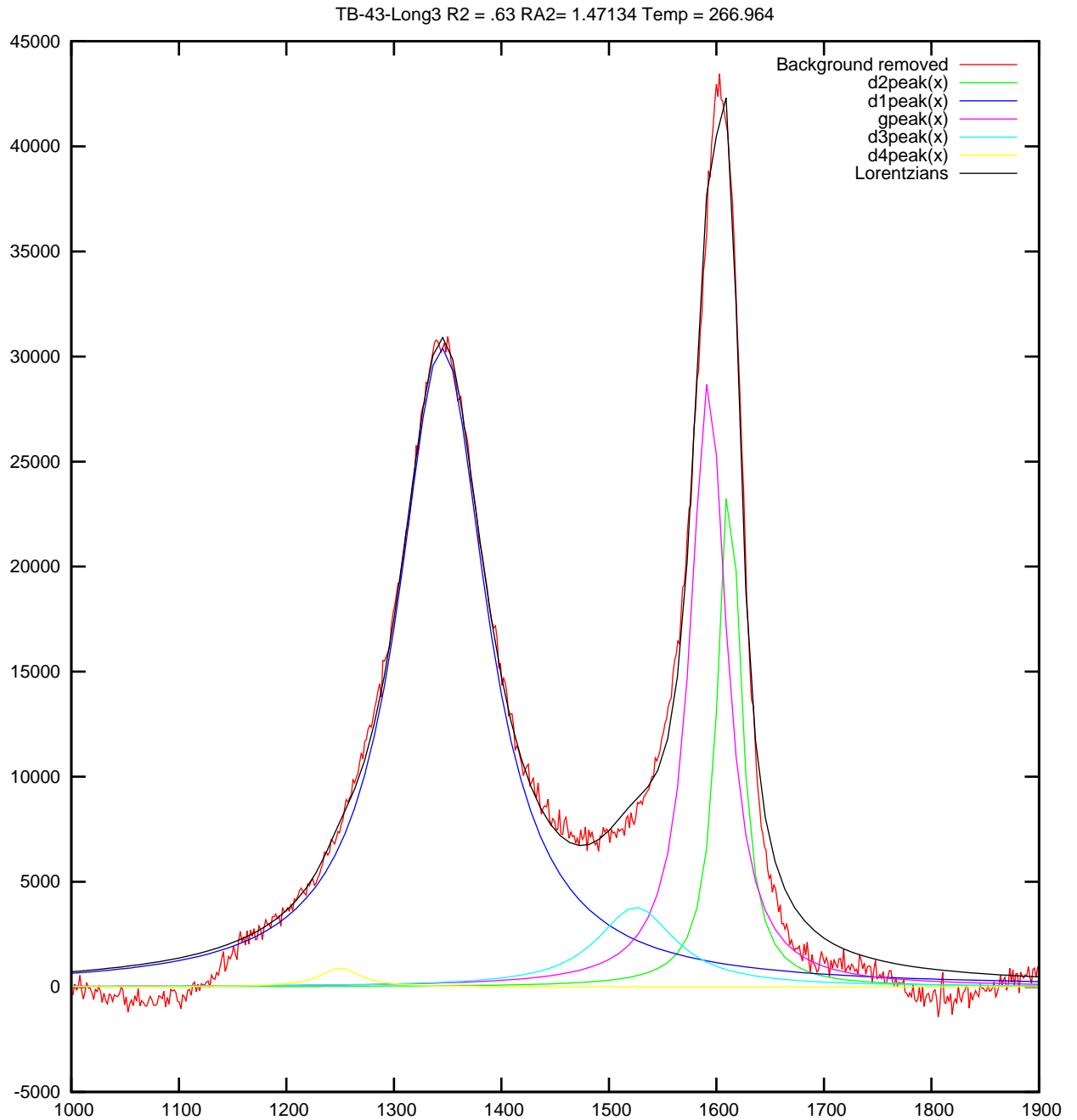
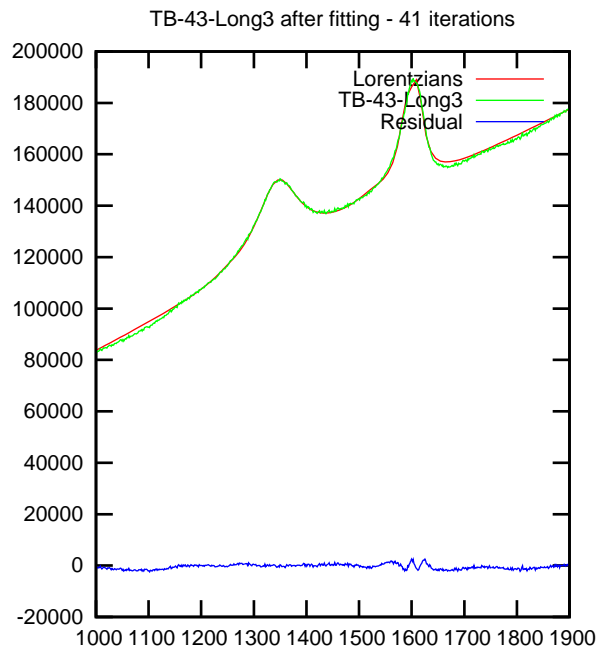
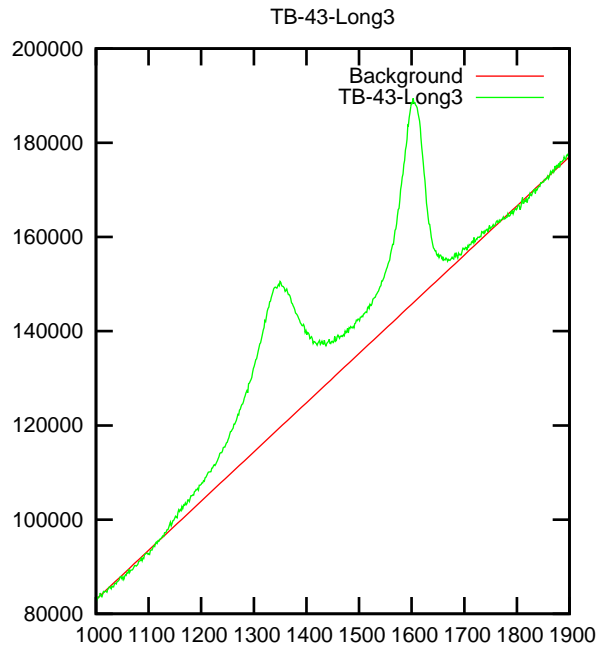


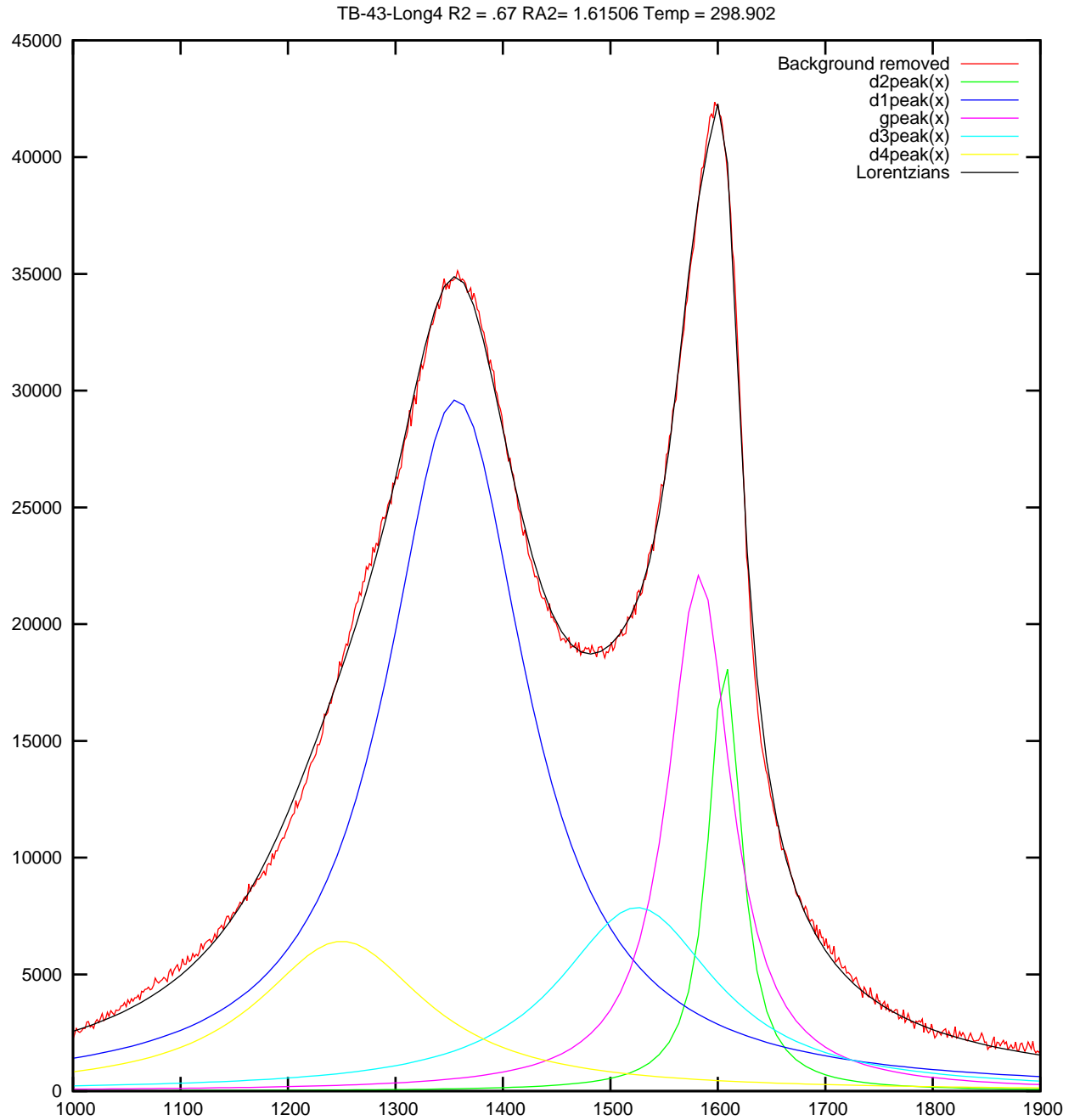
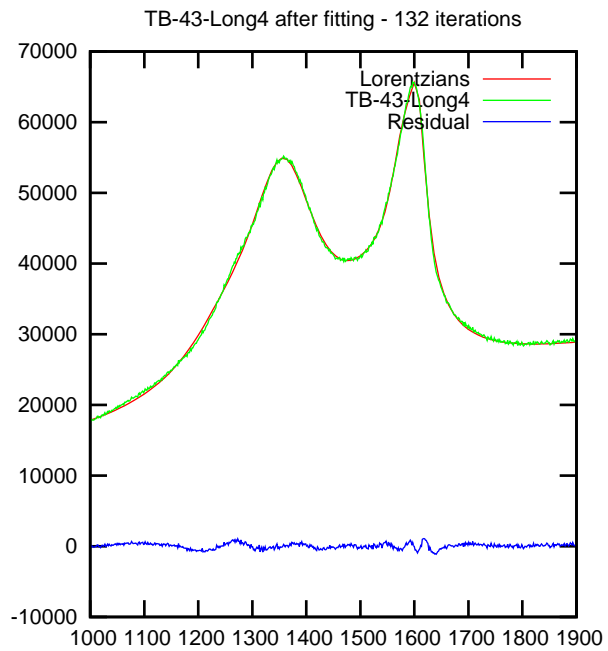
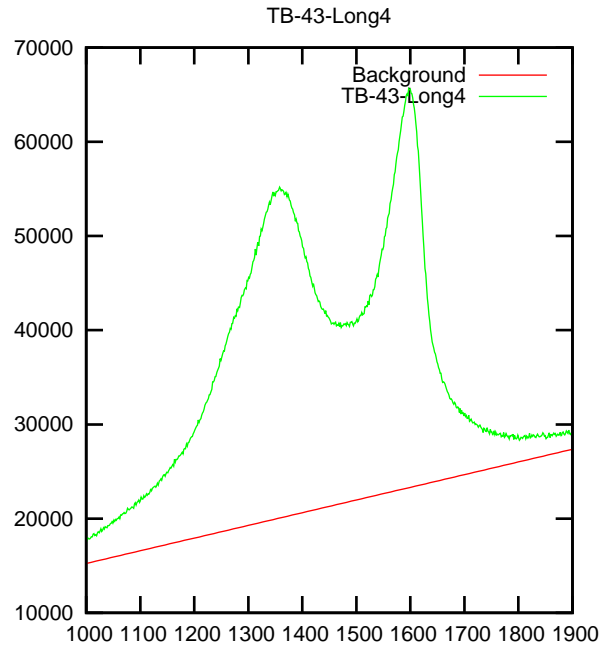
TB-43-Long29 R2 = .44 RA2= na Temp = 441.982

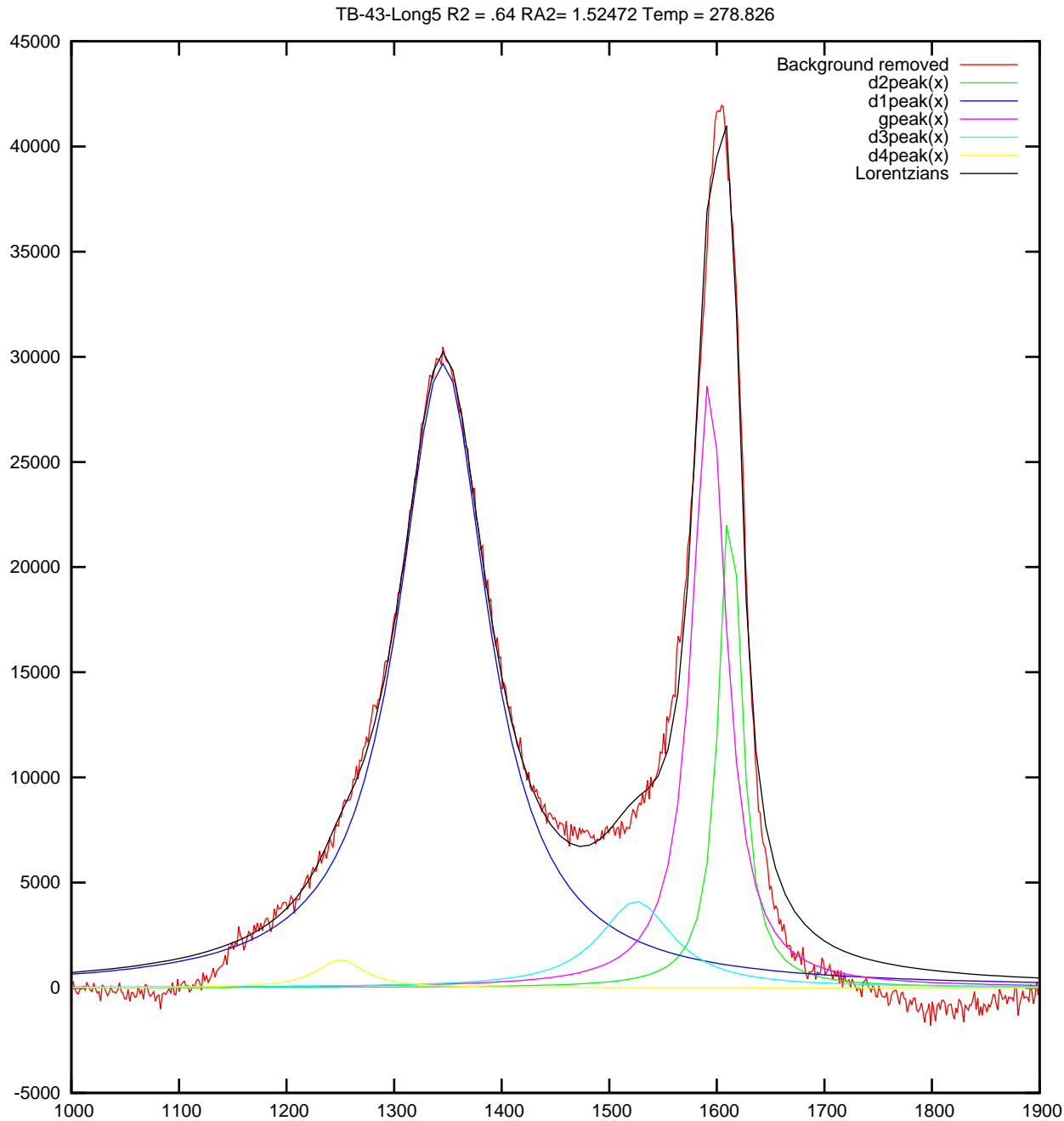
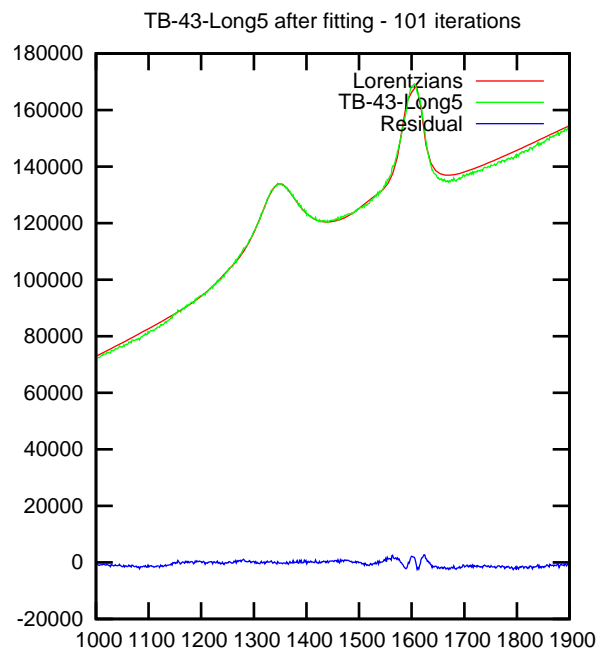
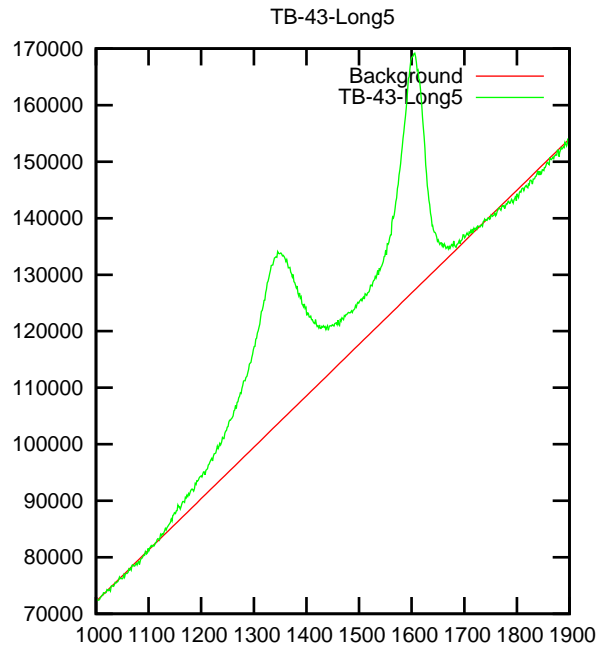


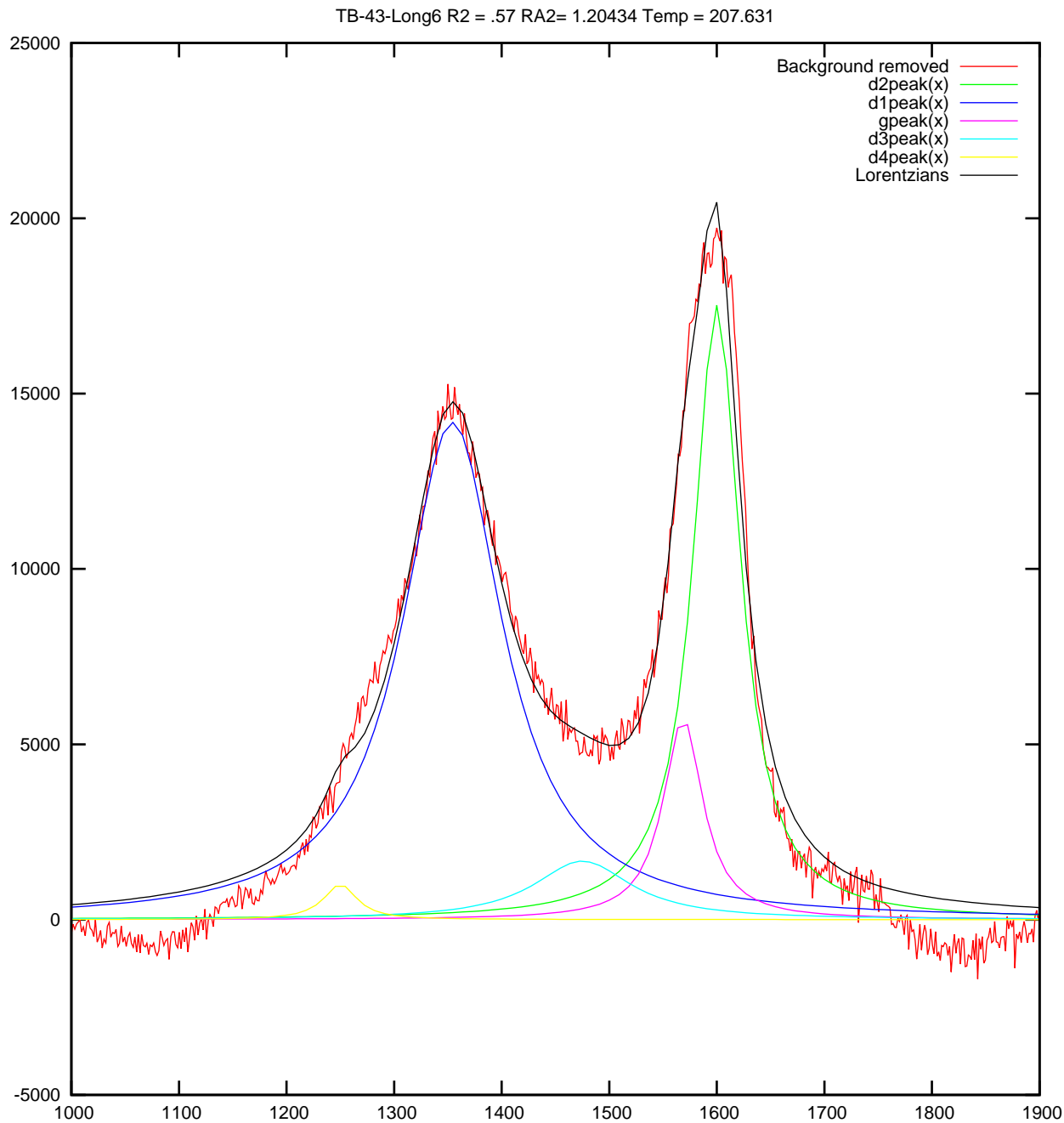
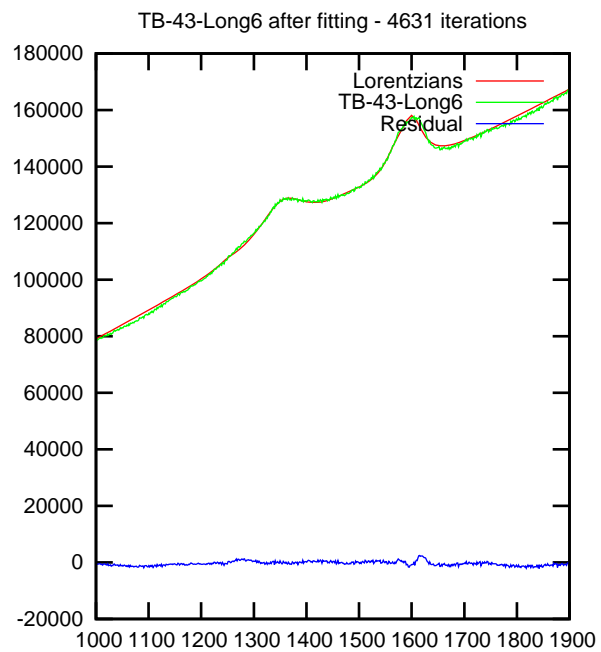
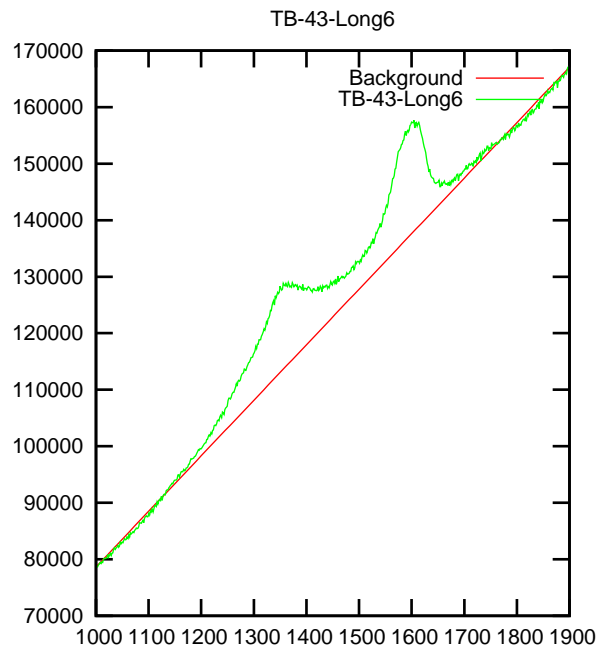
TB-43-Long29 after fitting - 70 iterations

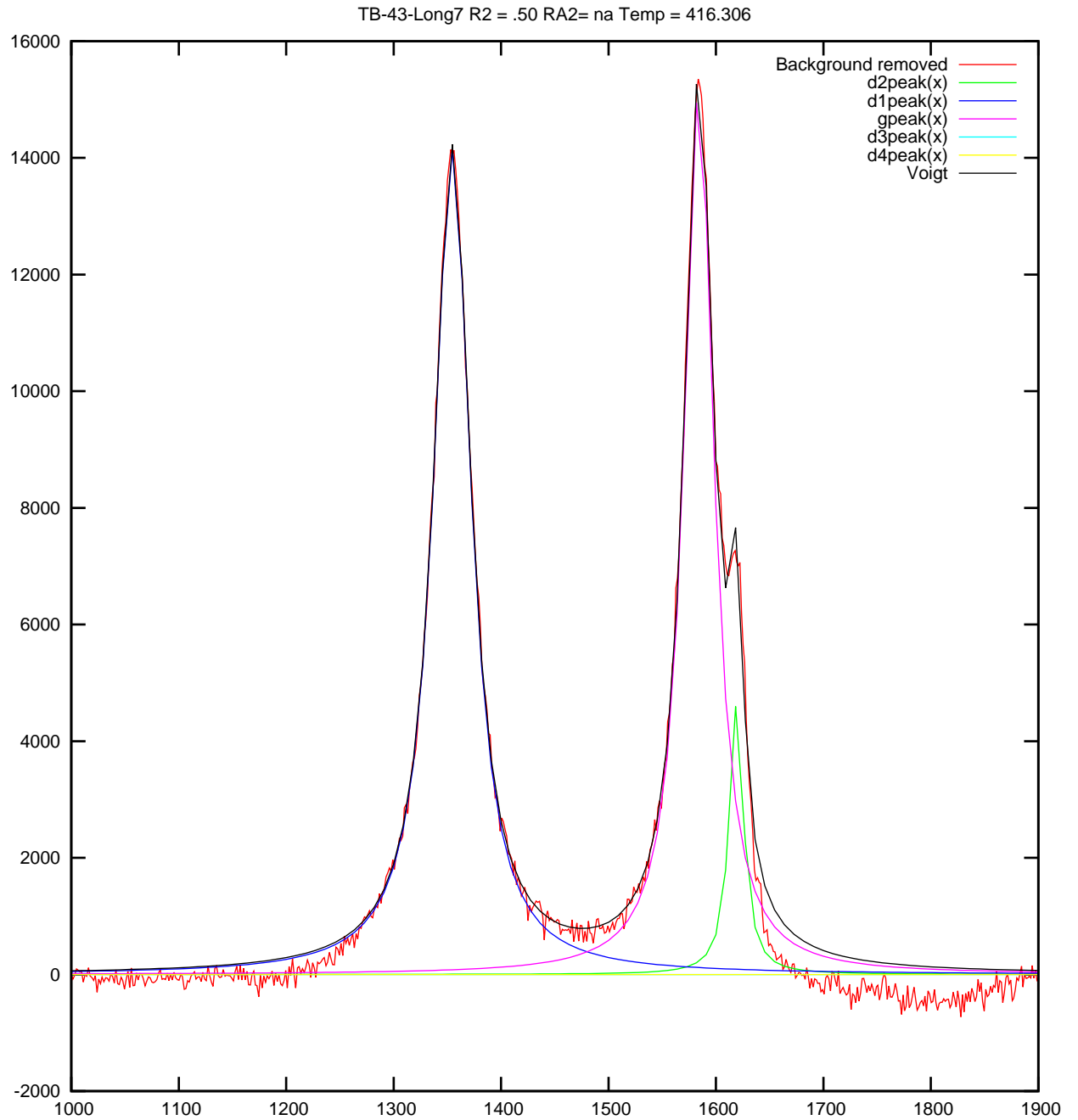
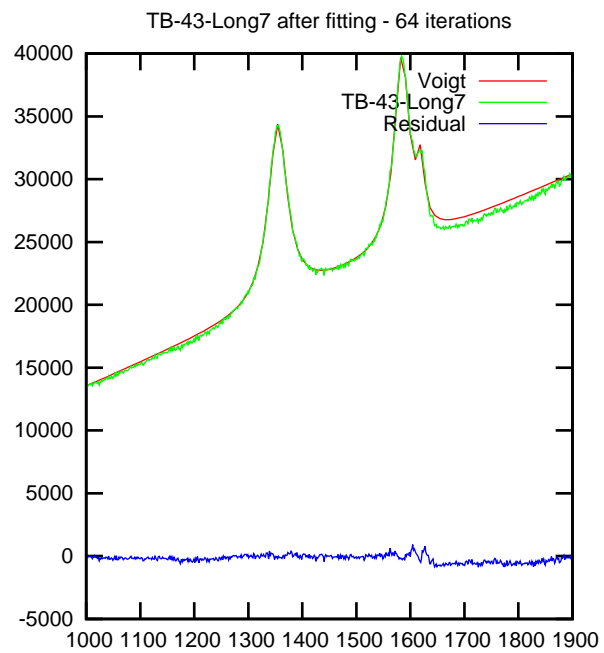
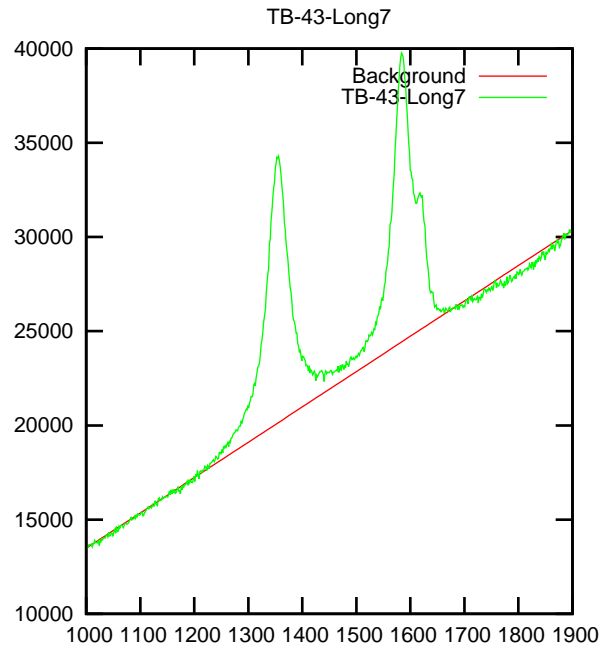


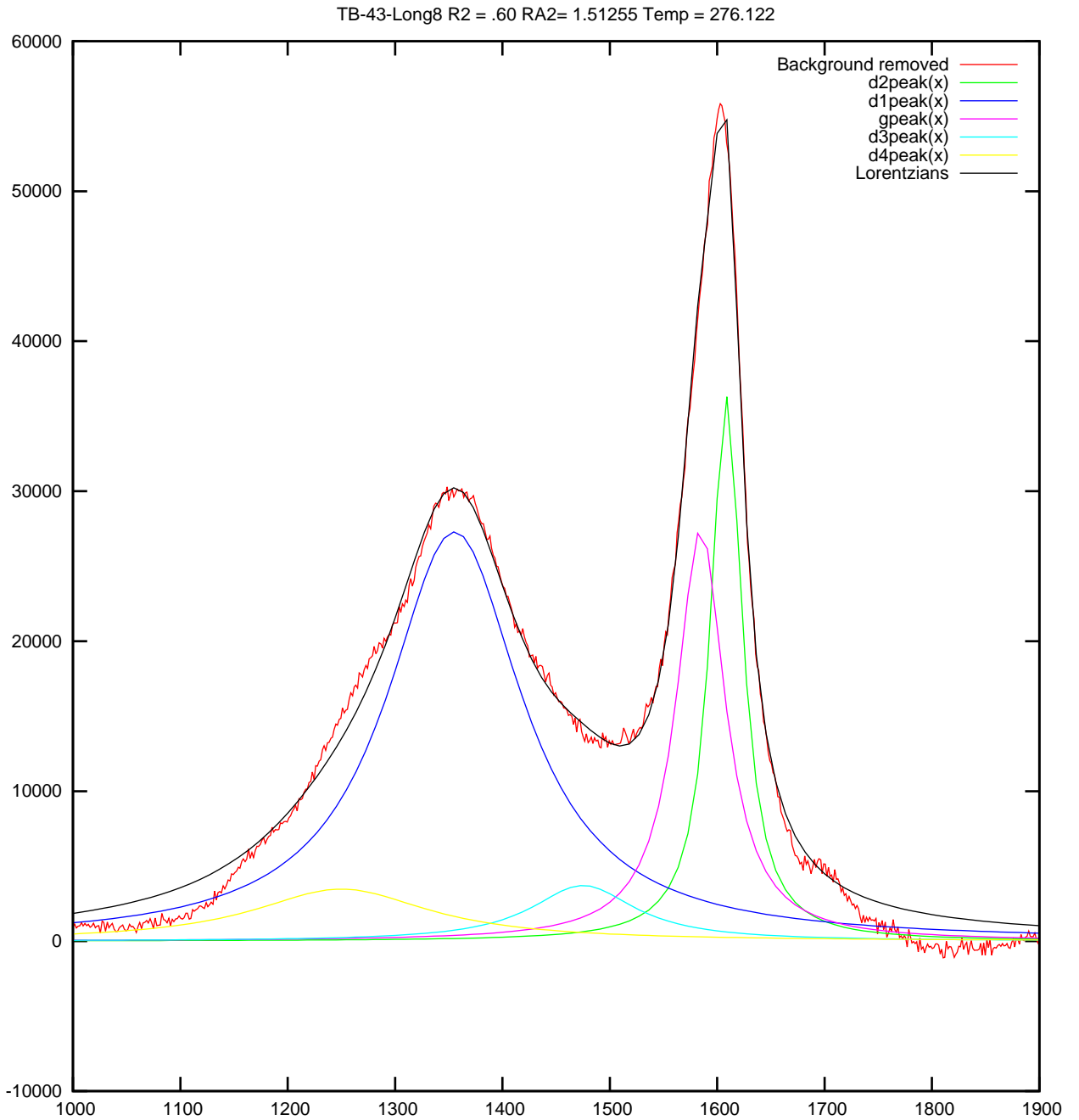
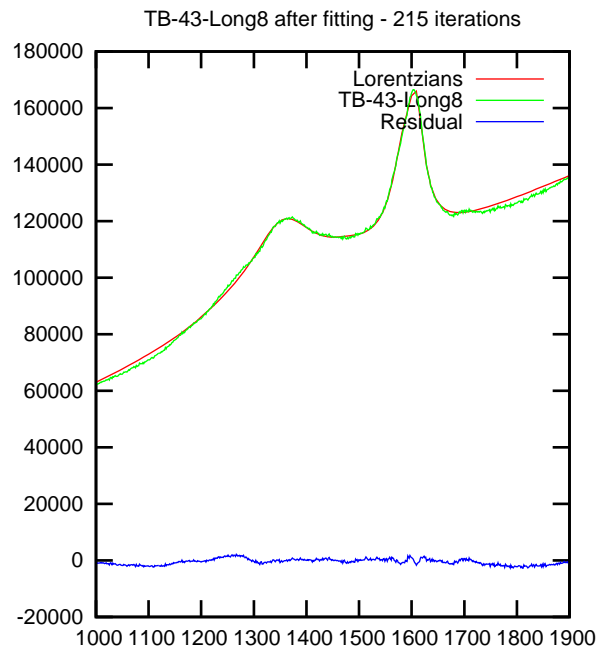
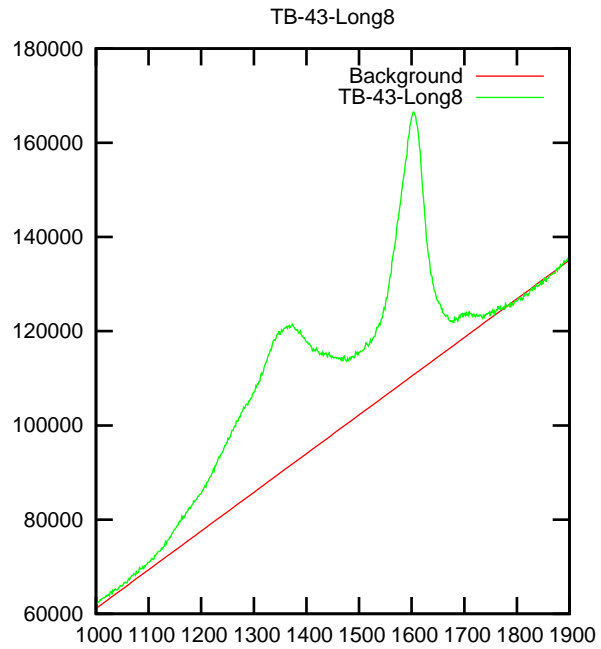


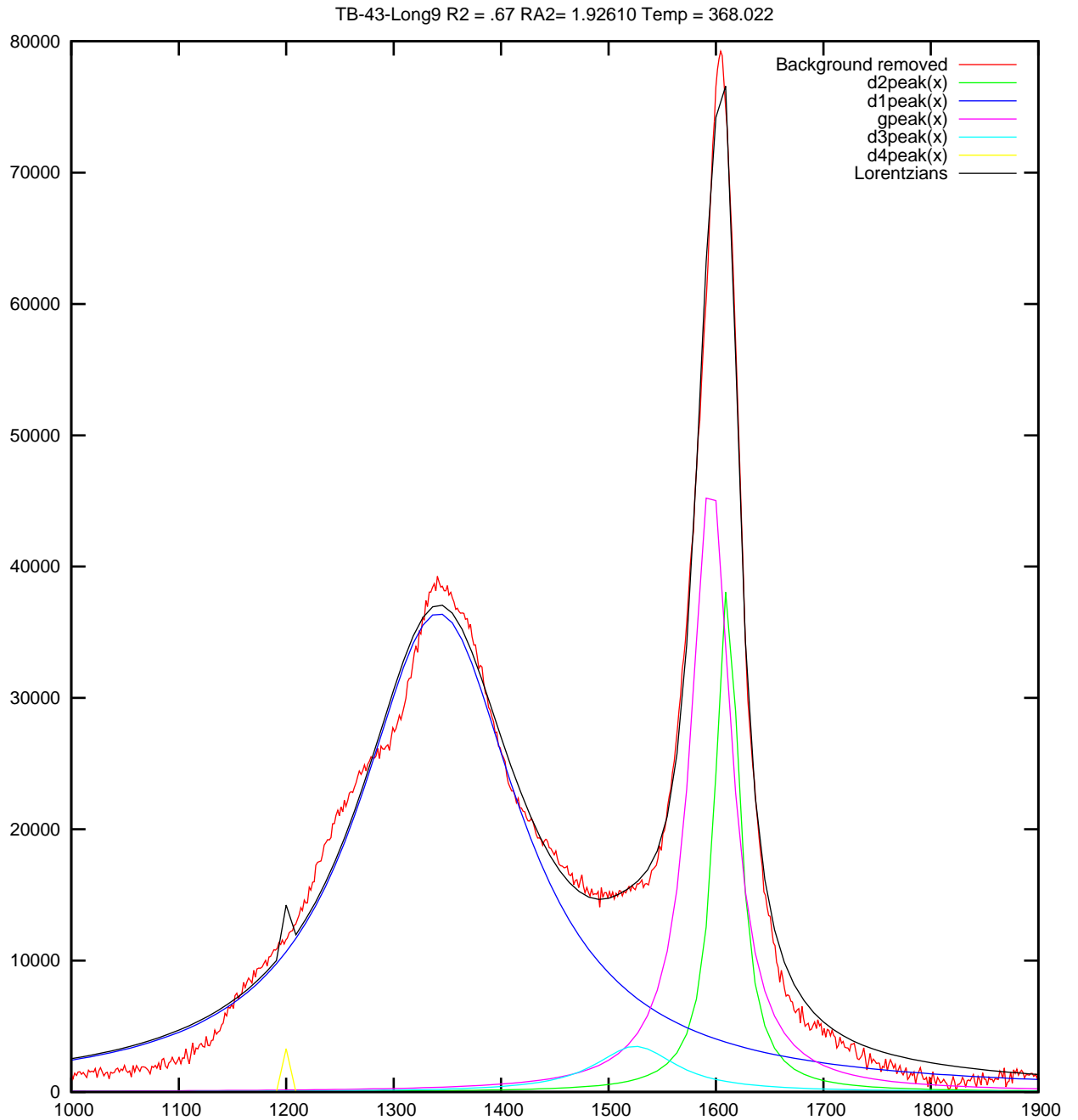
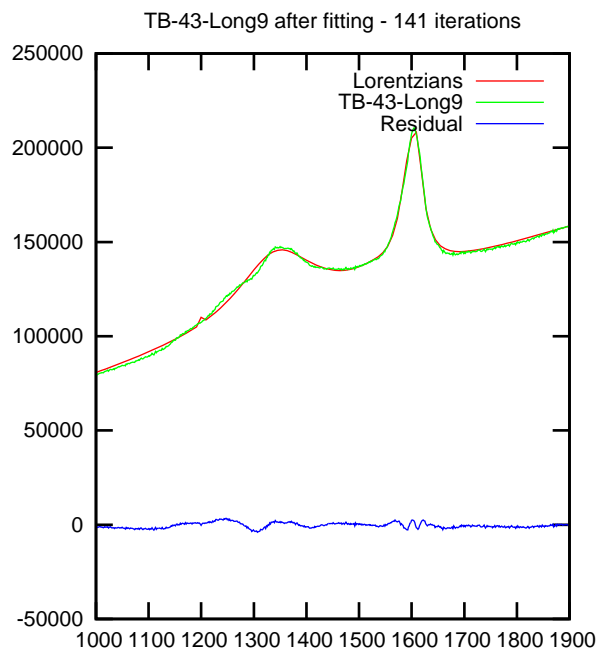
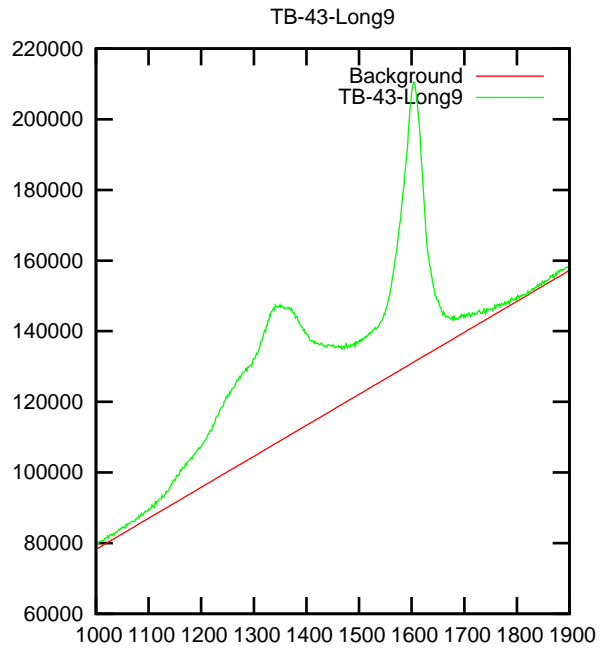




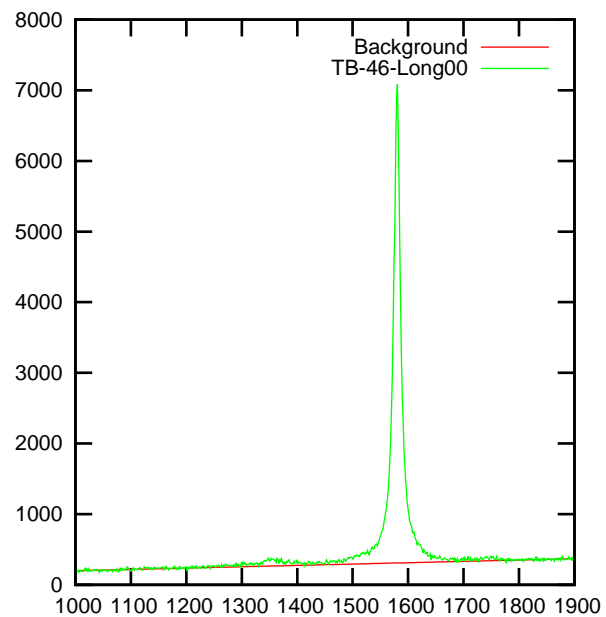




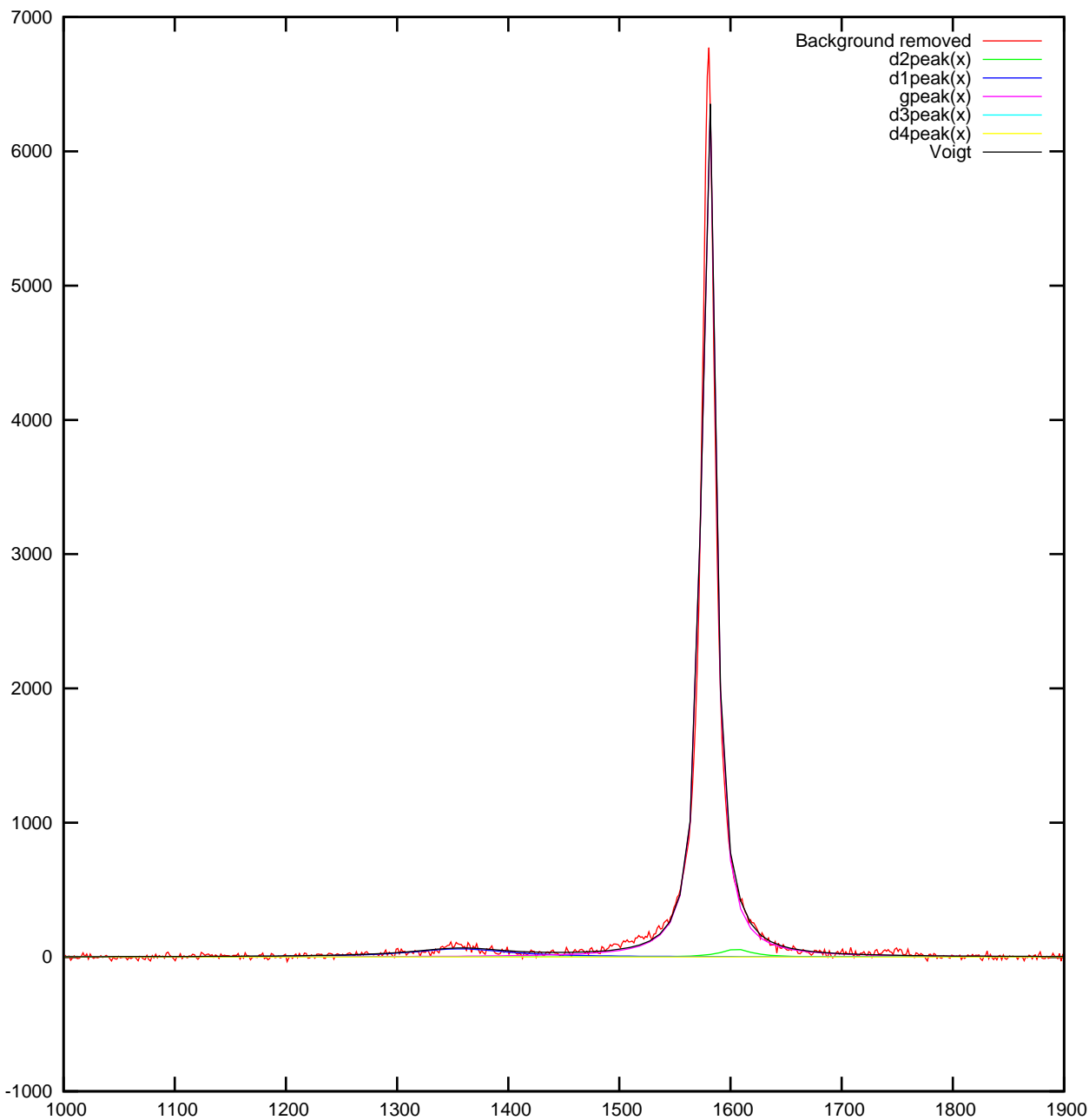




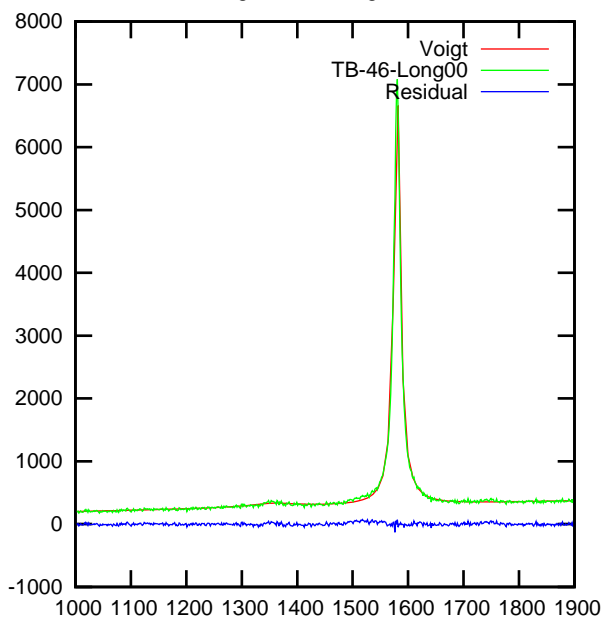
TB-46-Long00

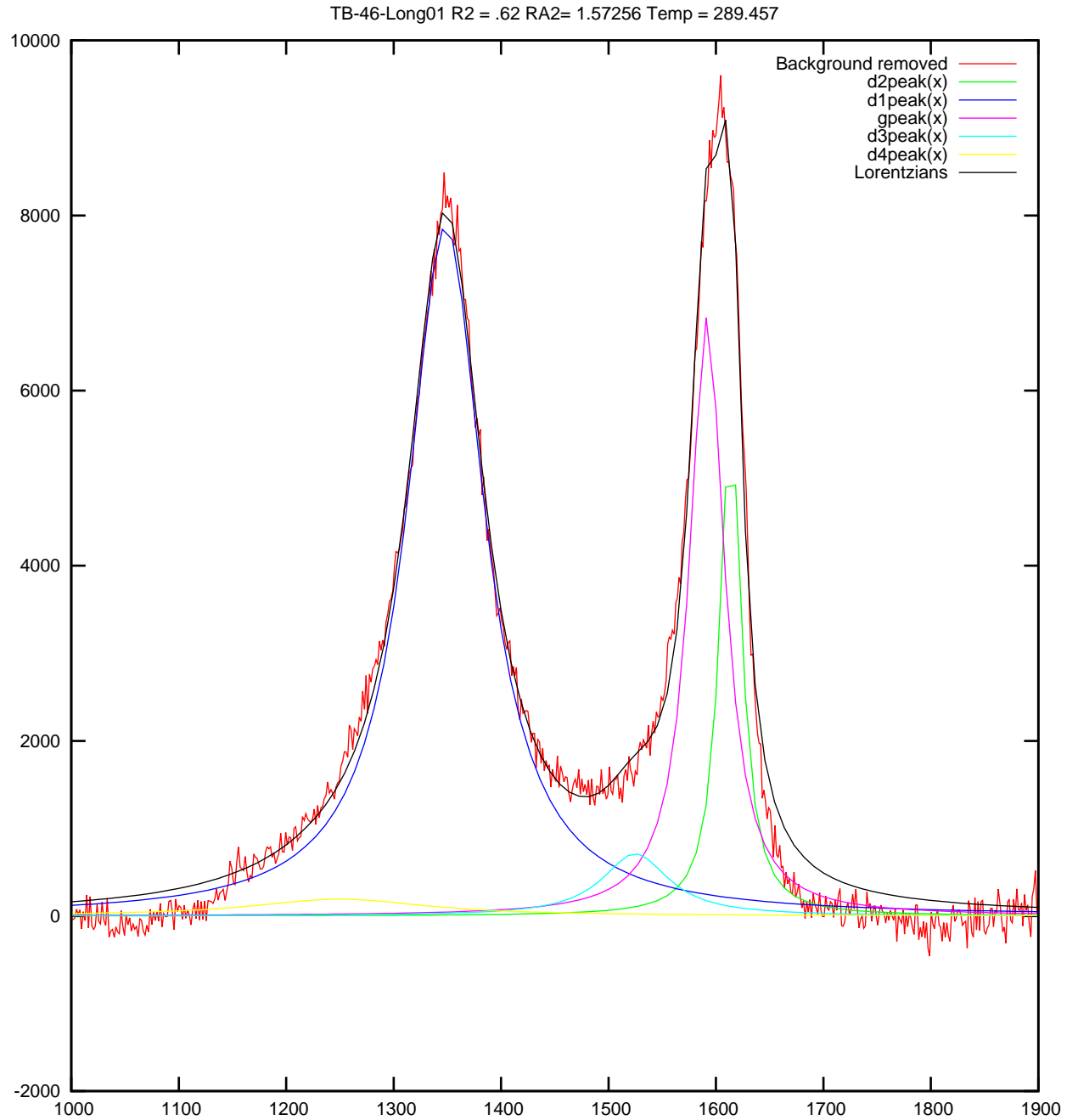
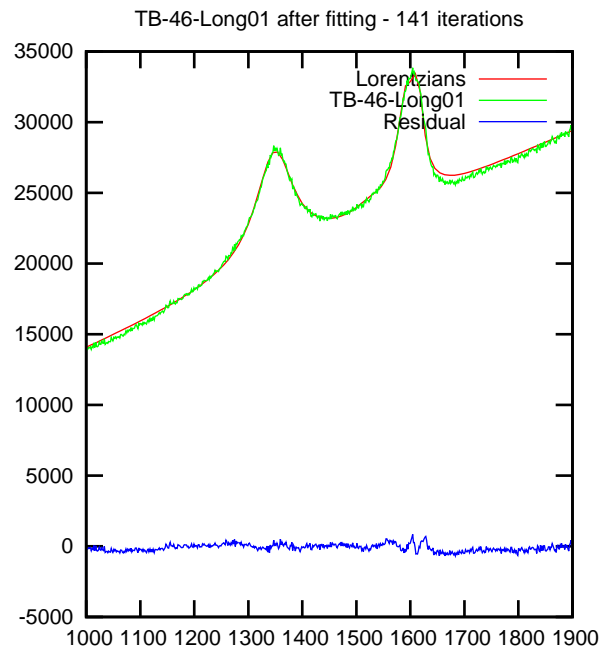
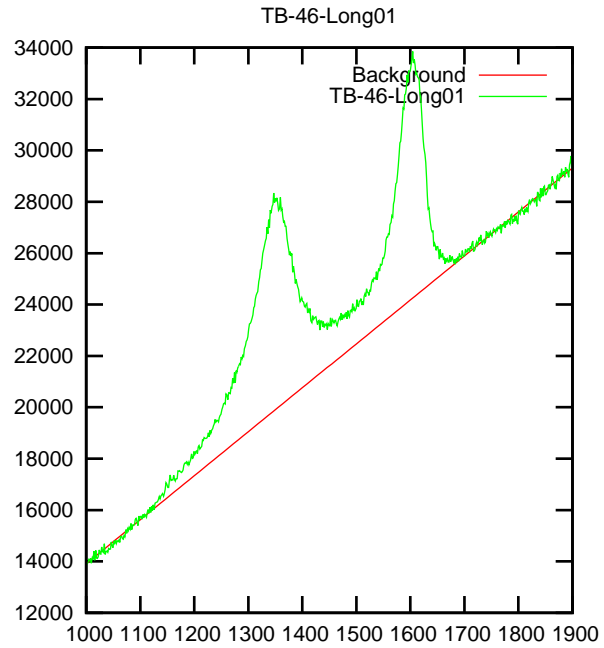


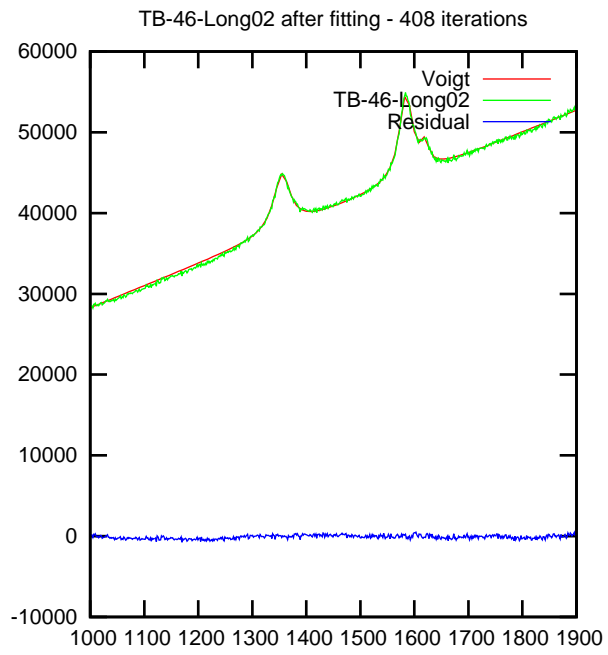
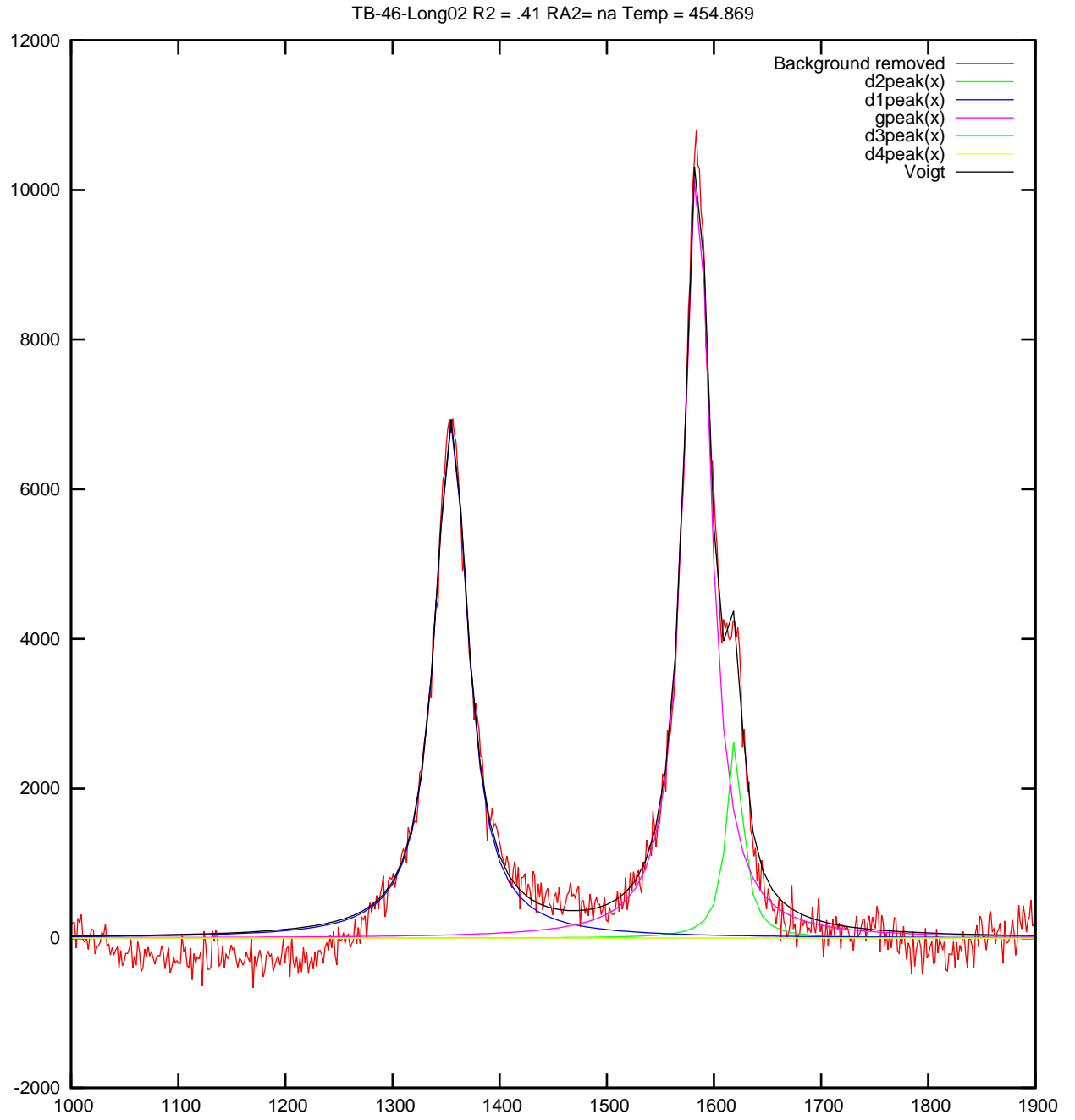
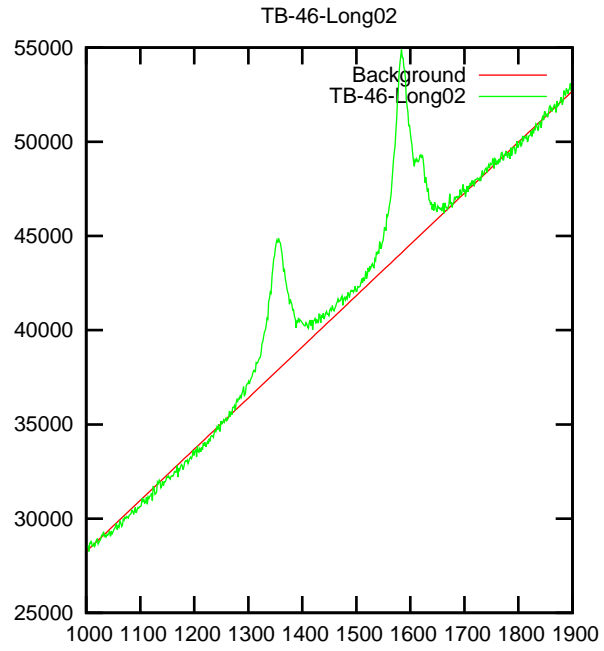
TB-46-Long00 R2 = .06 RA2= na Temp = 612.235

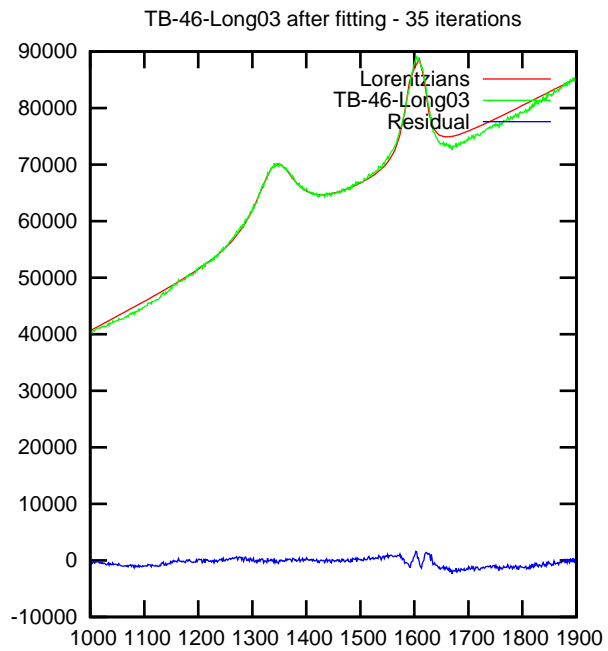
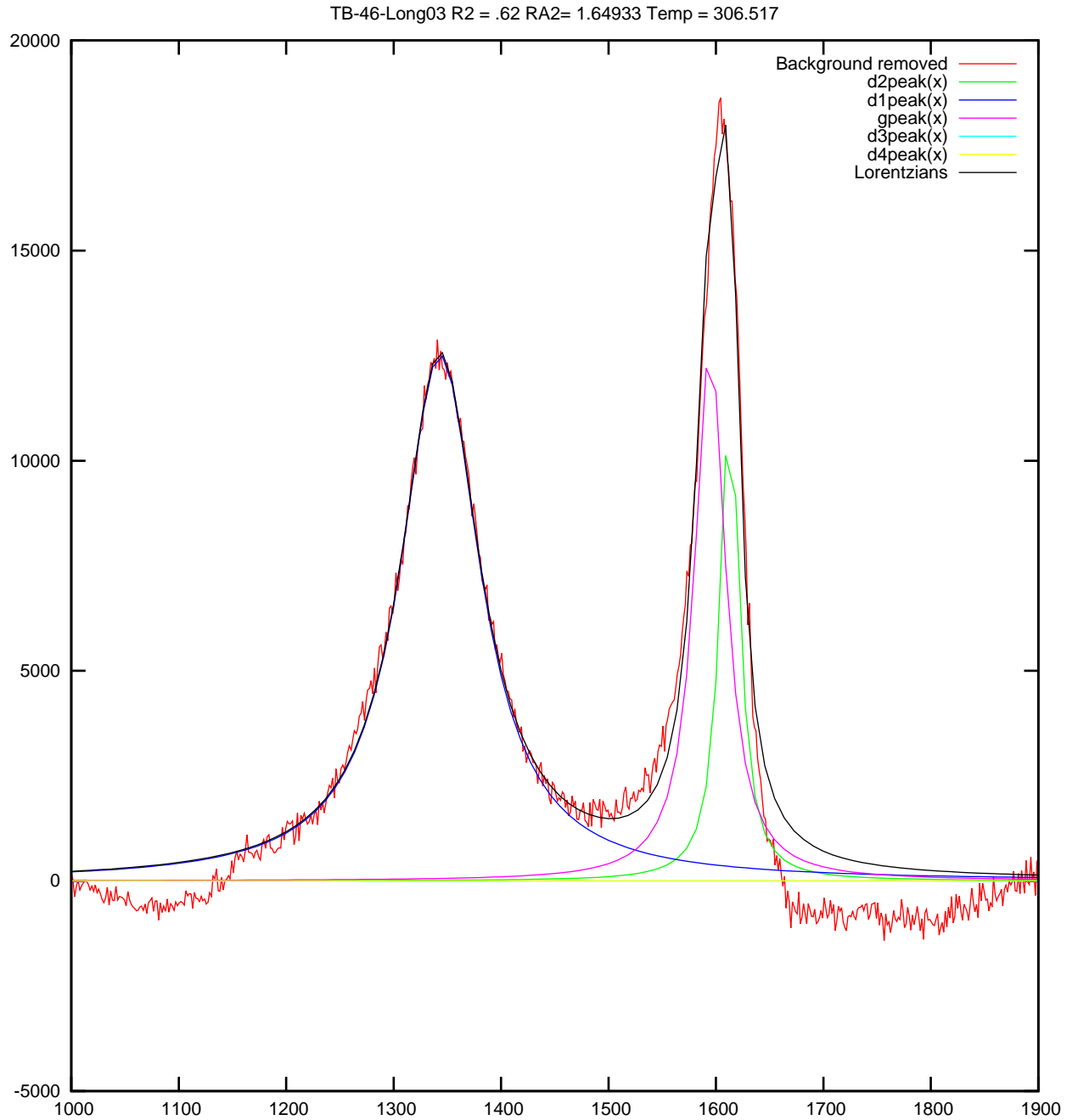
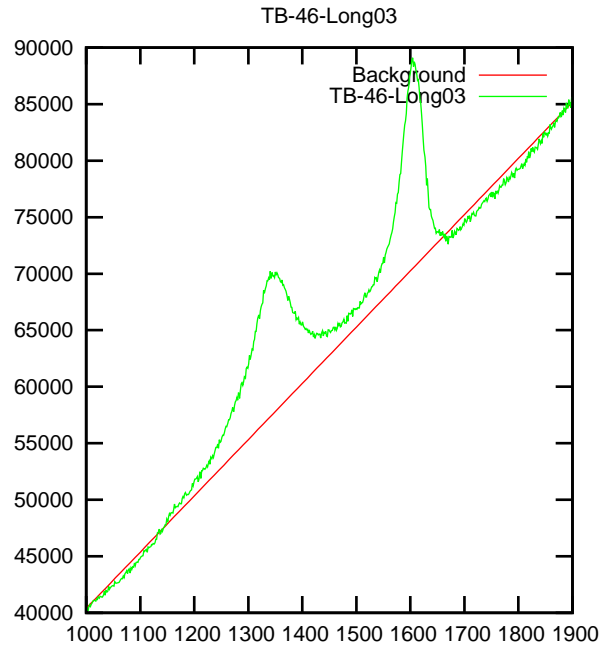


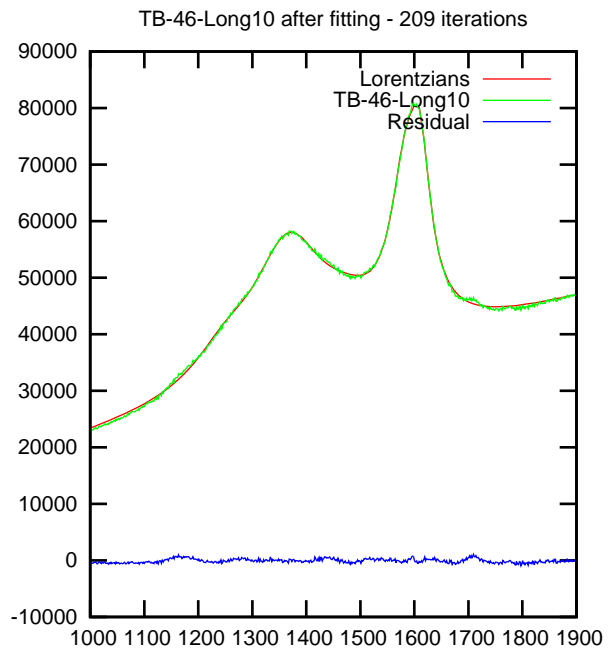
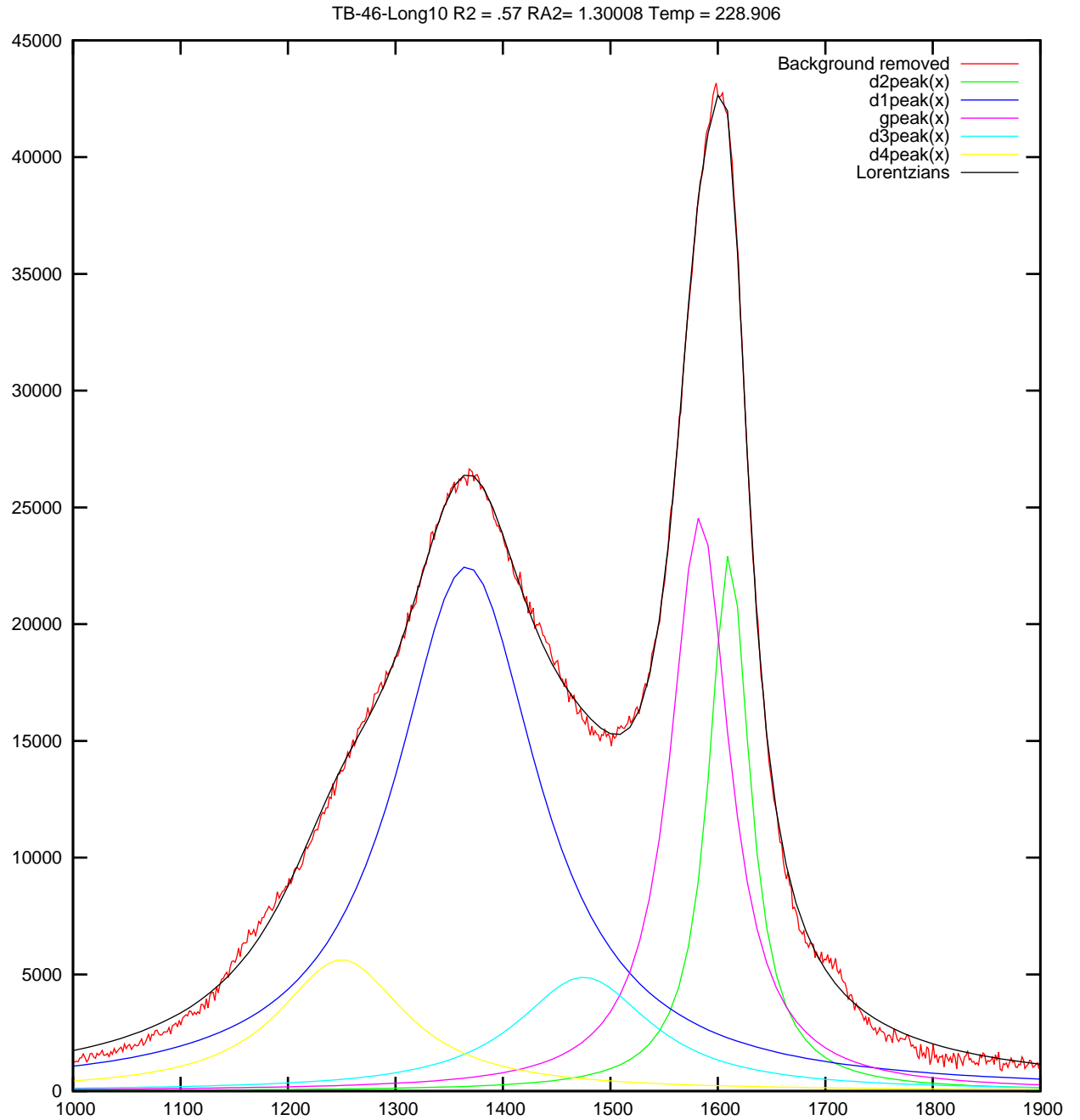
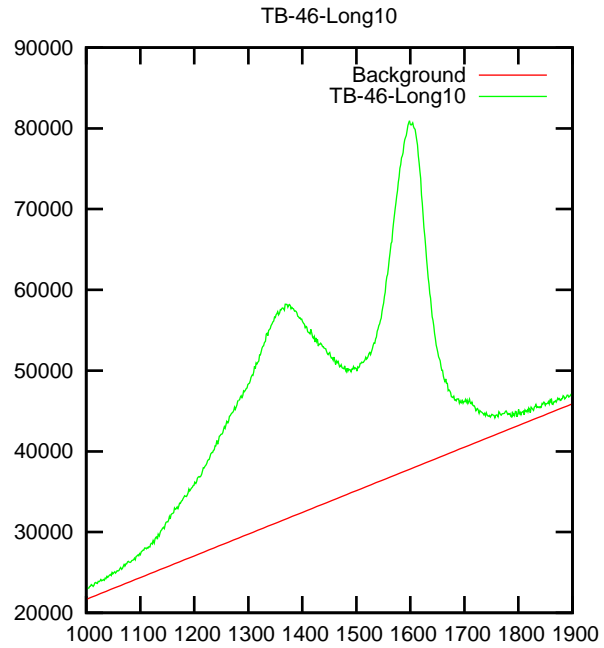
TB-46-Long00 after fitting - 64 iterations

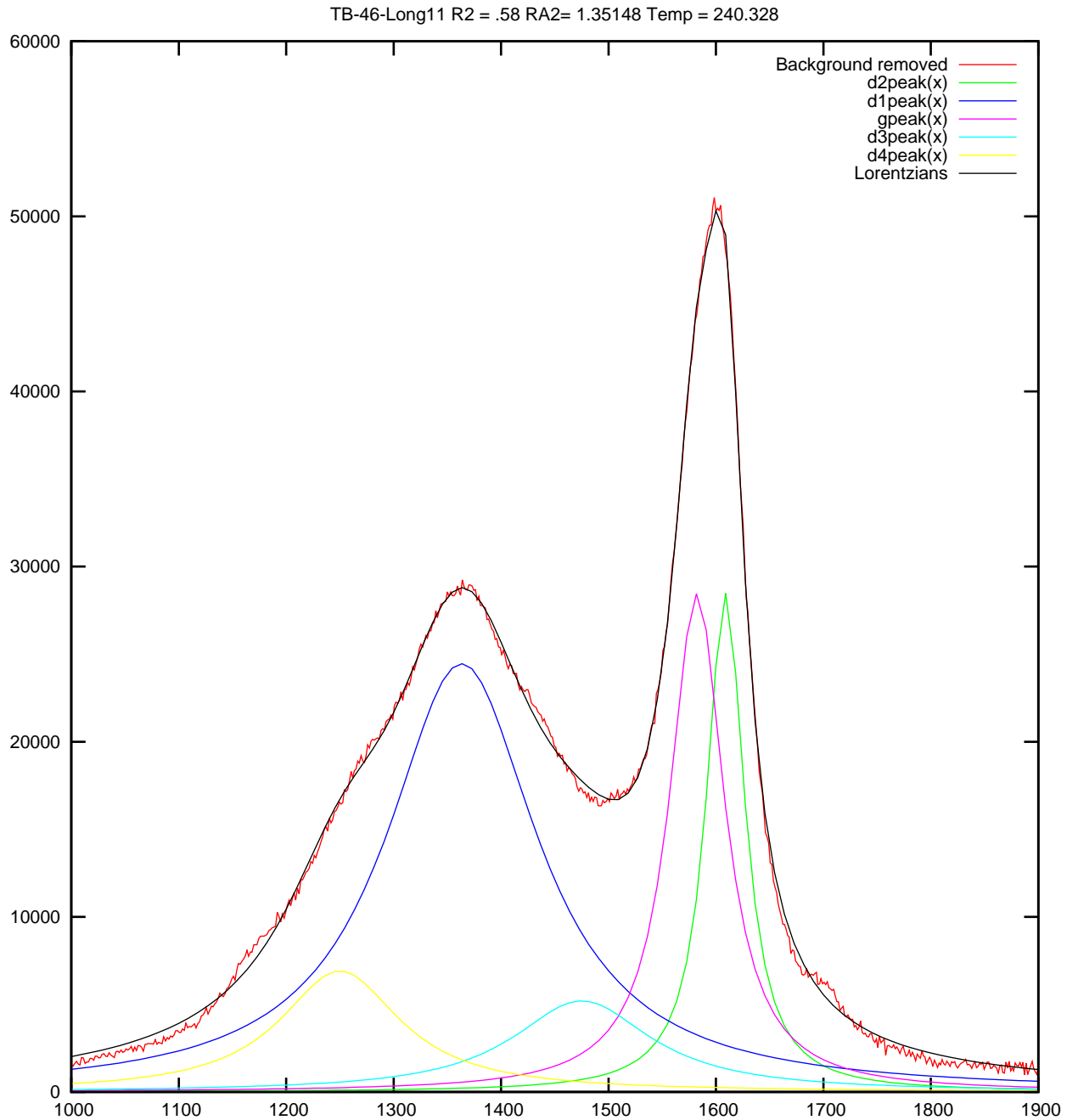
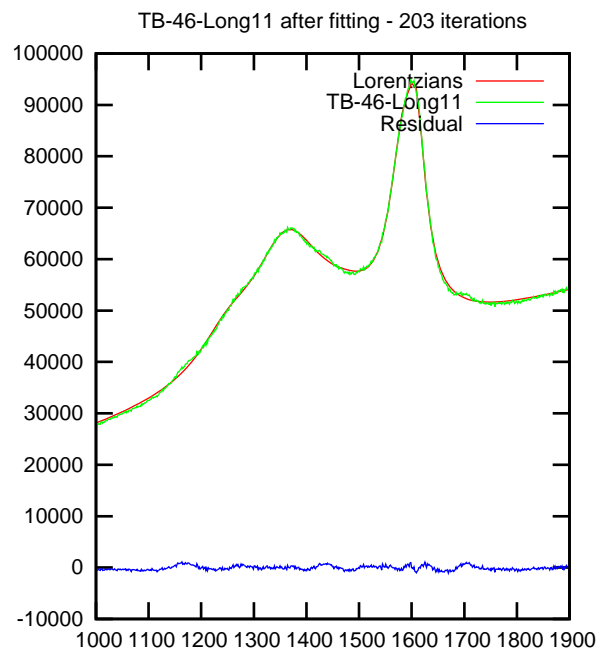
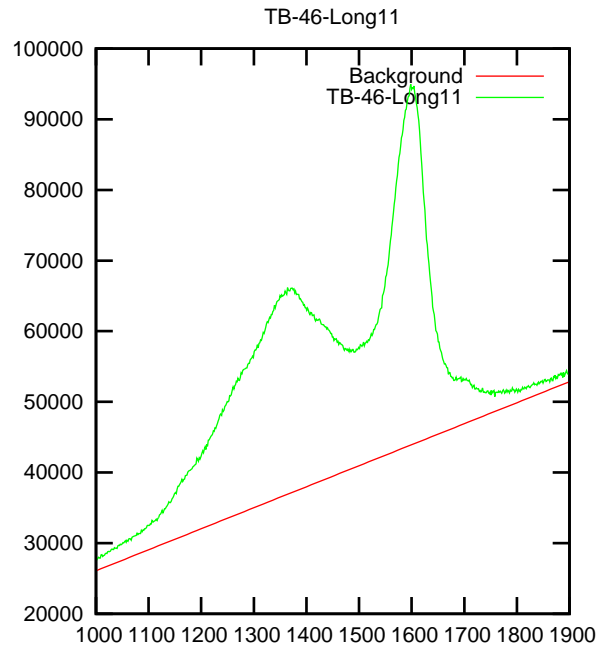


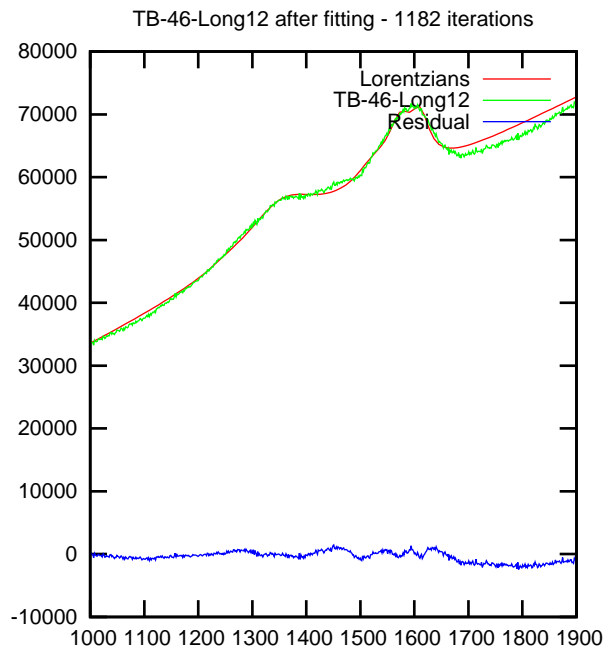
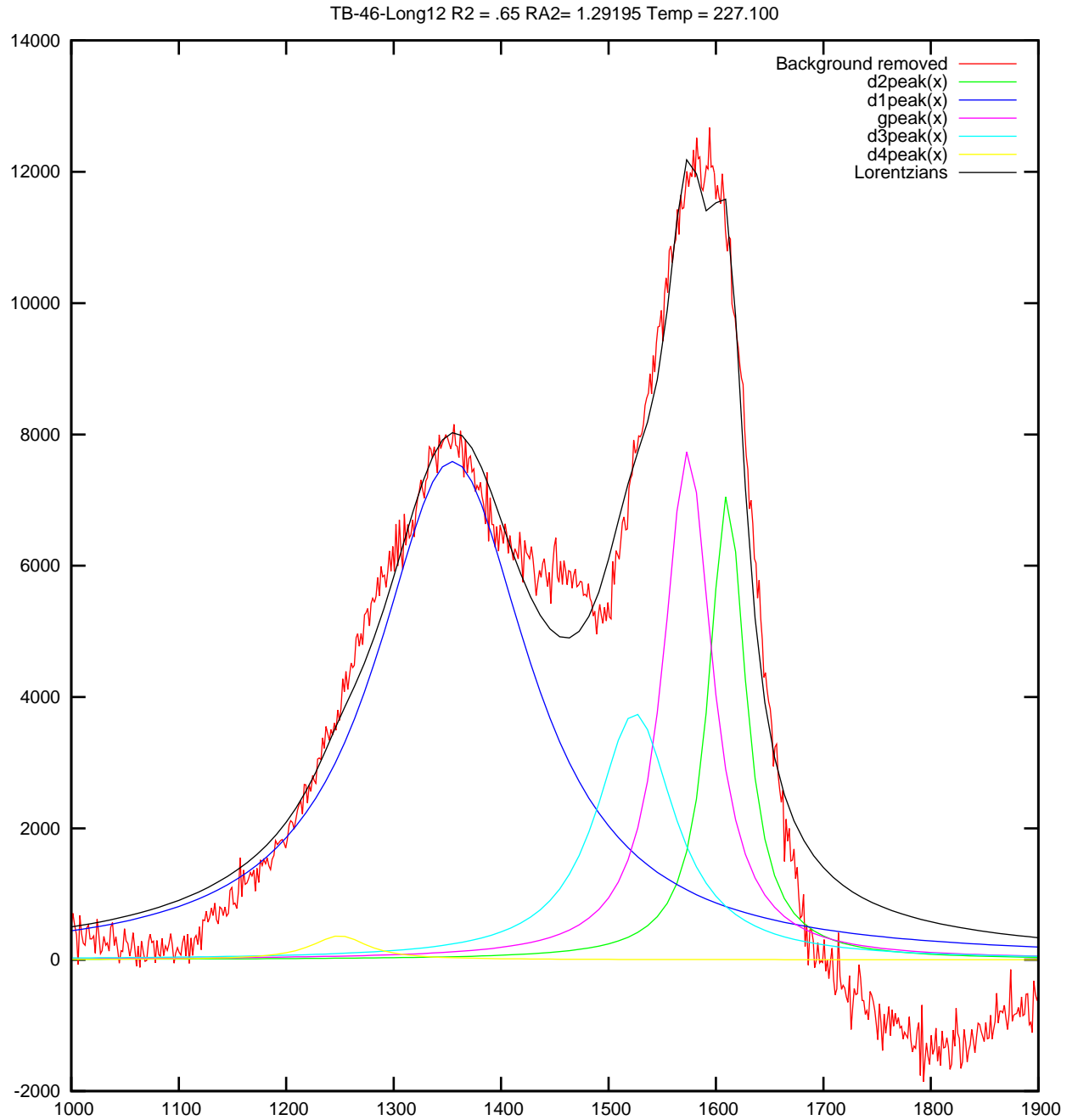
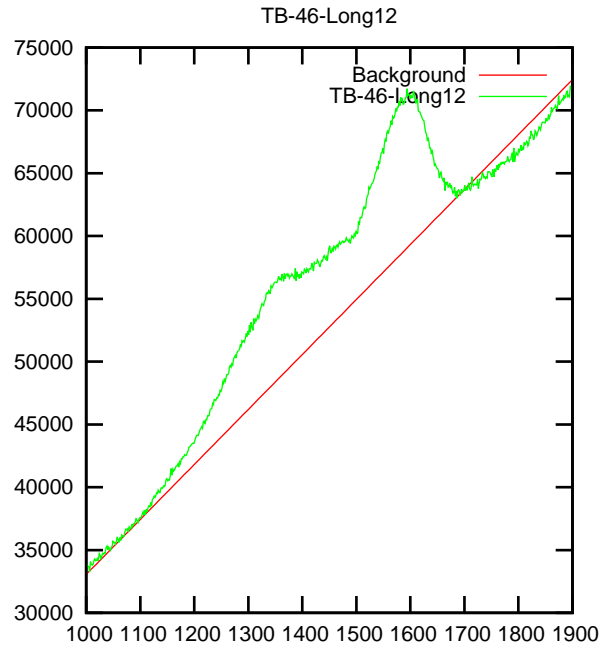


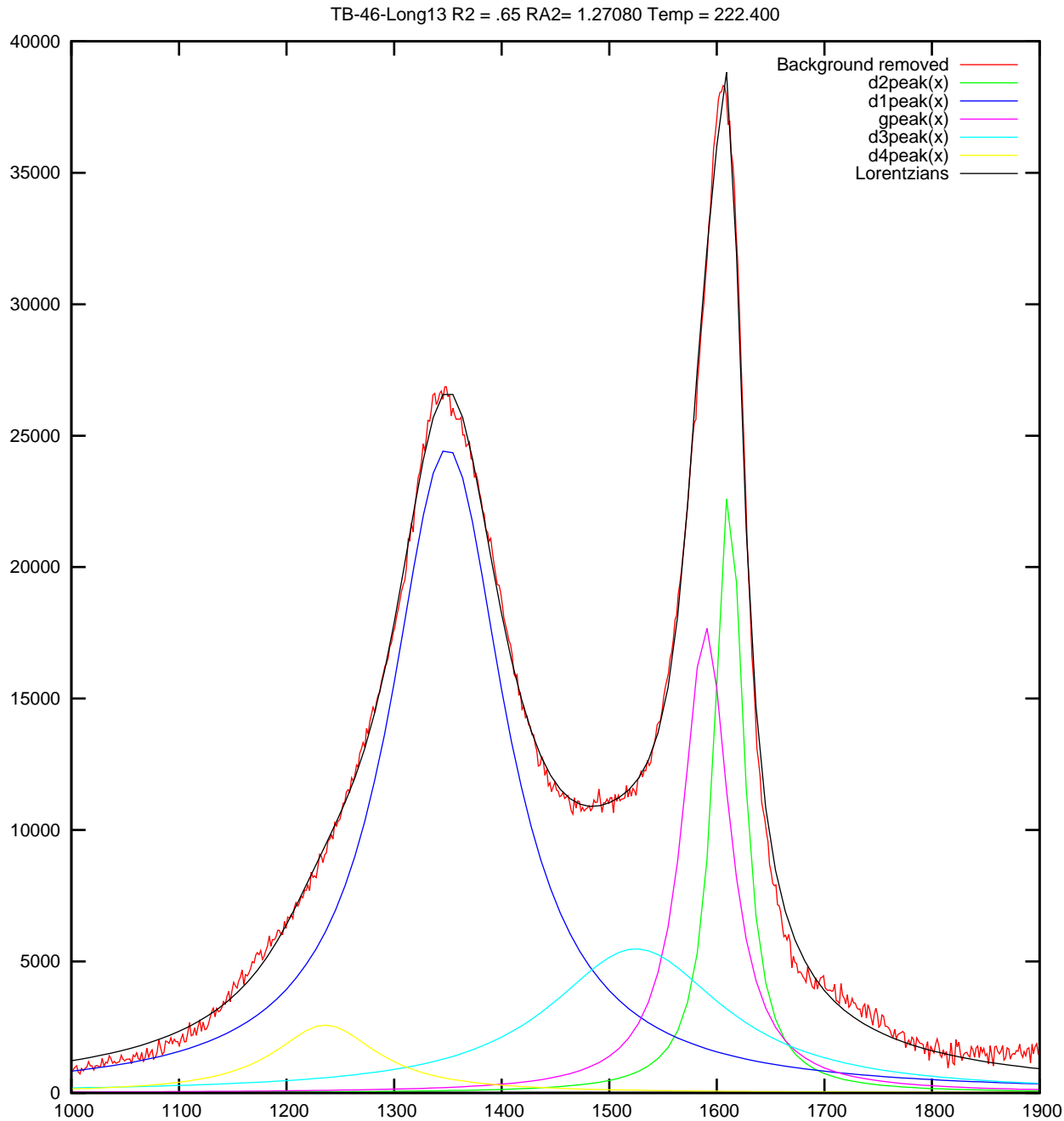
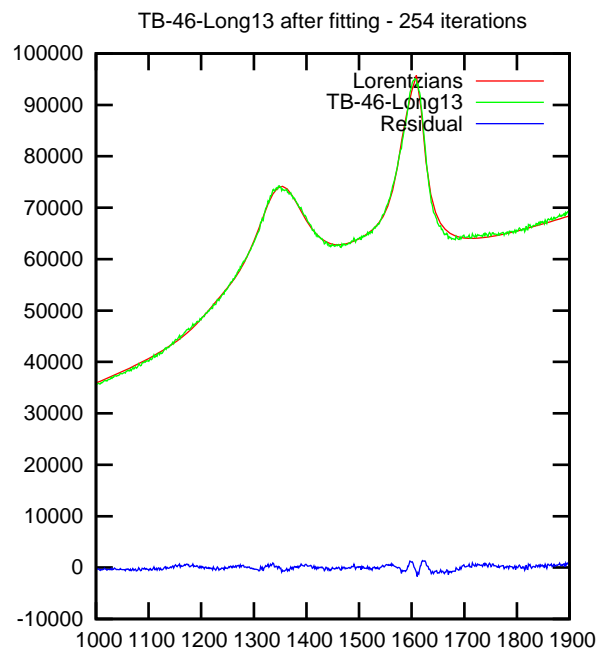
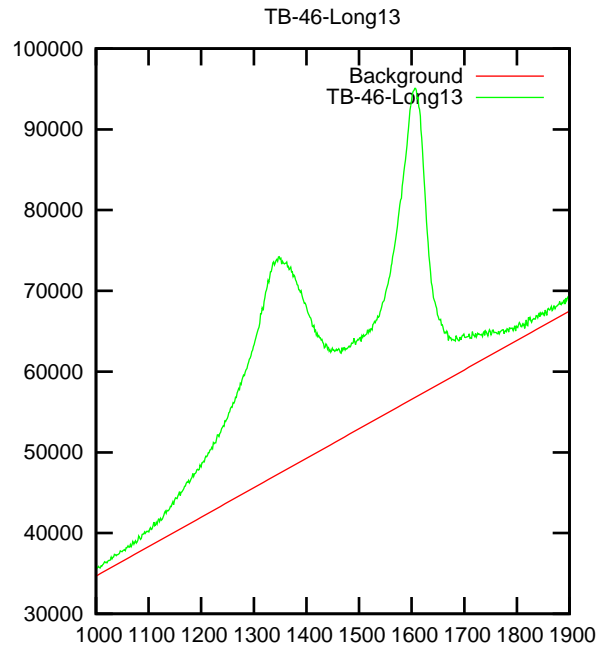


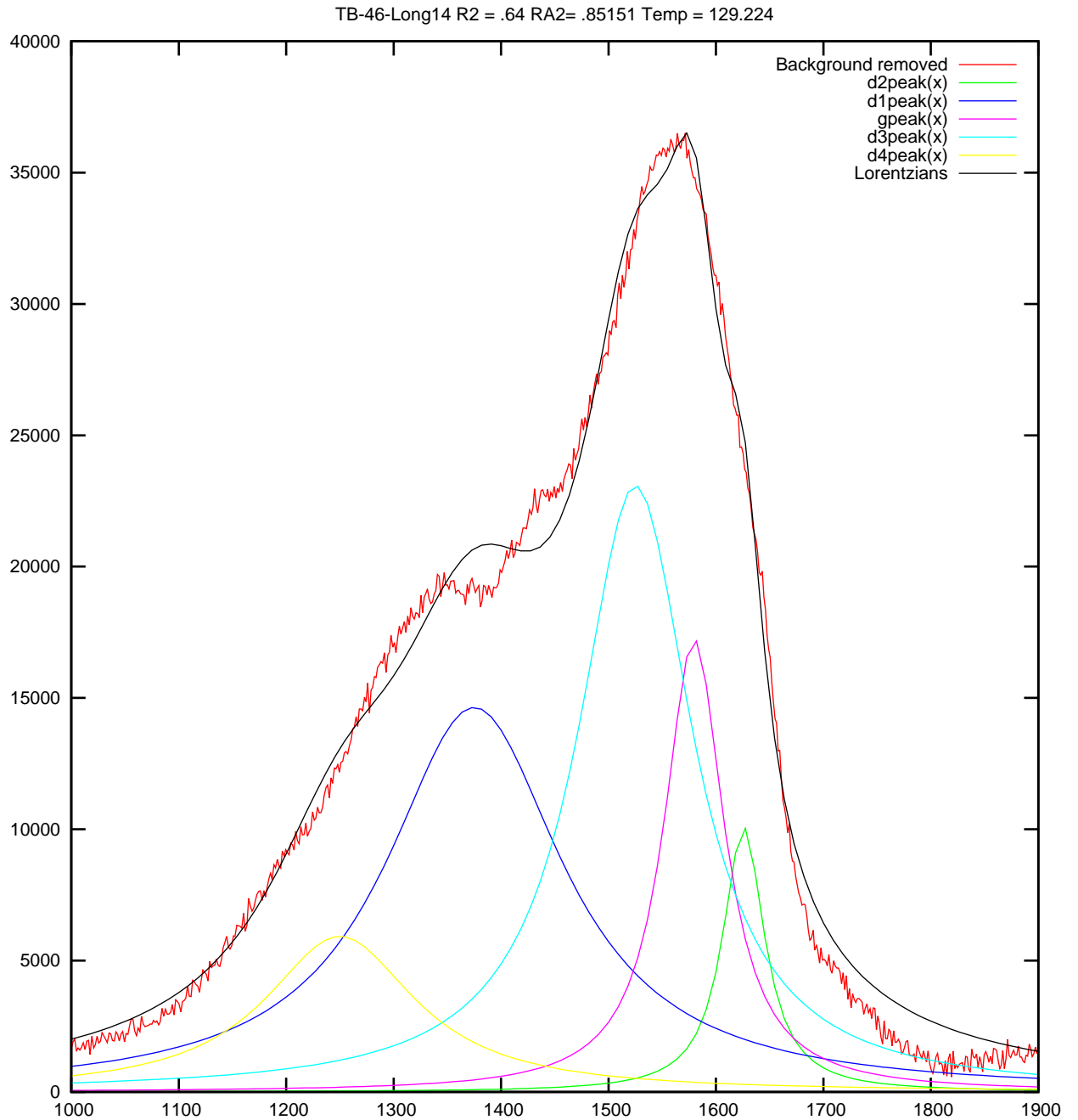
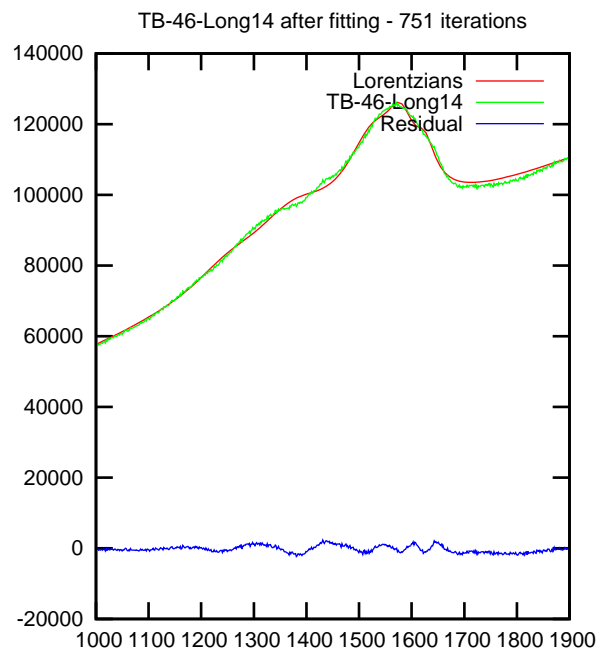
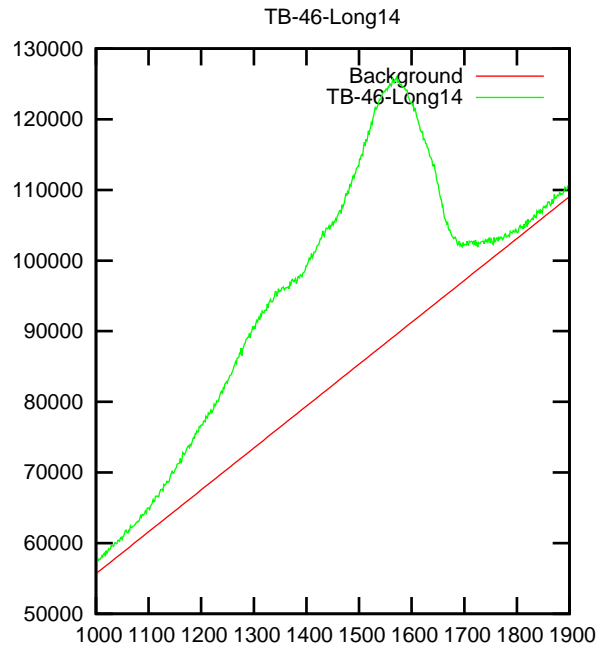




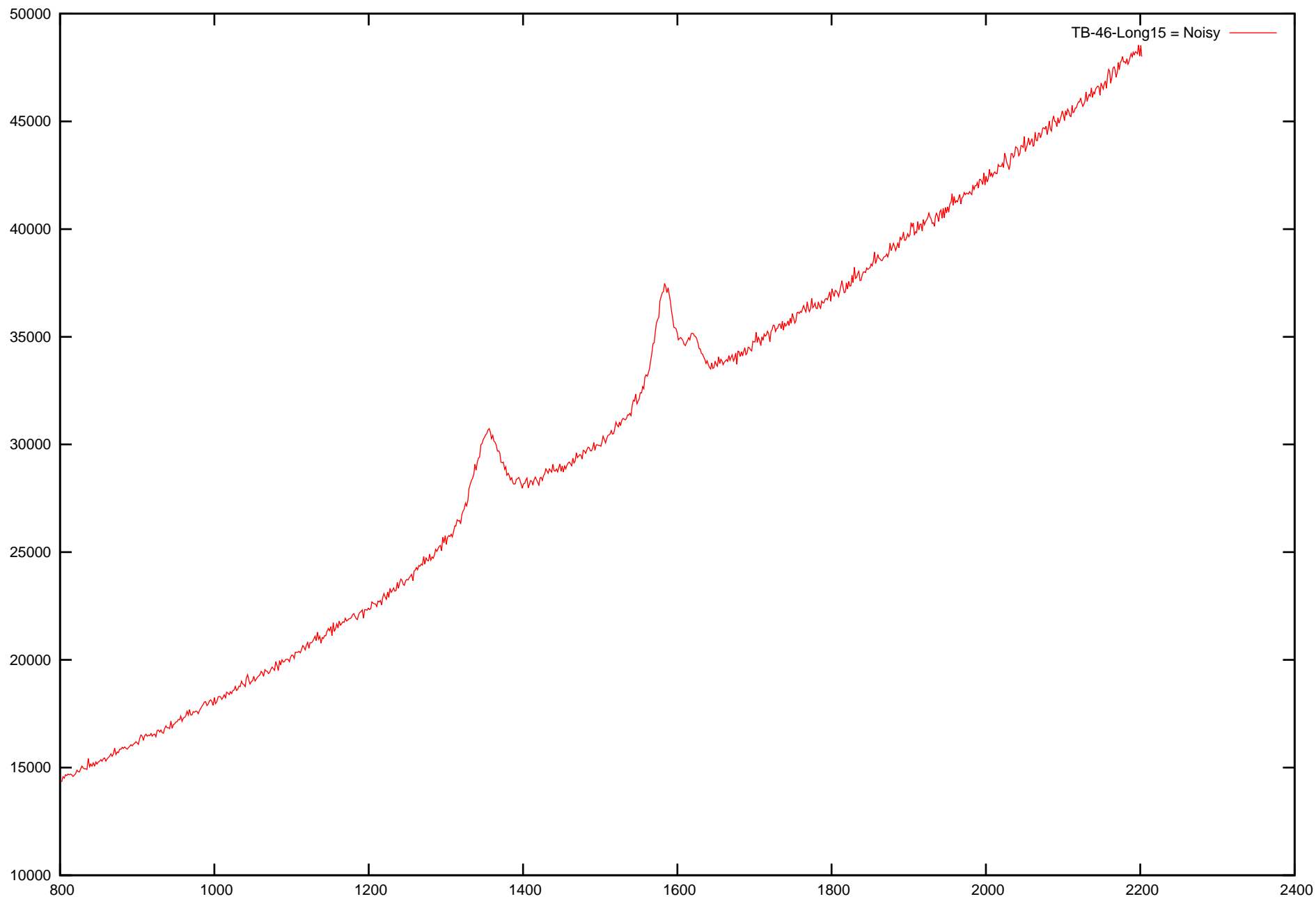


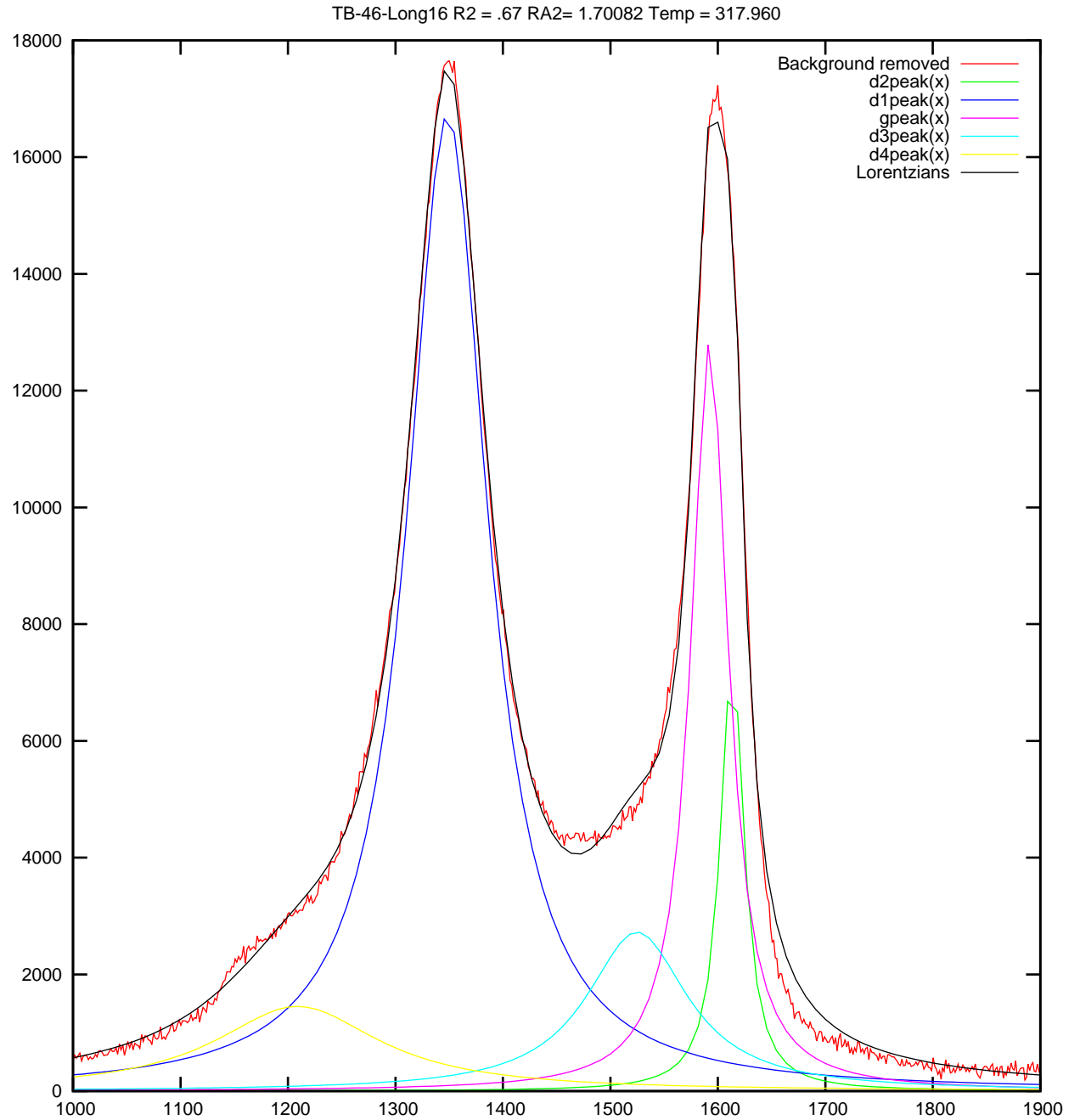
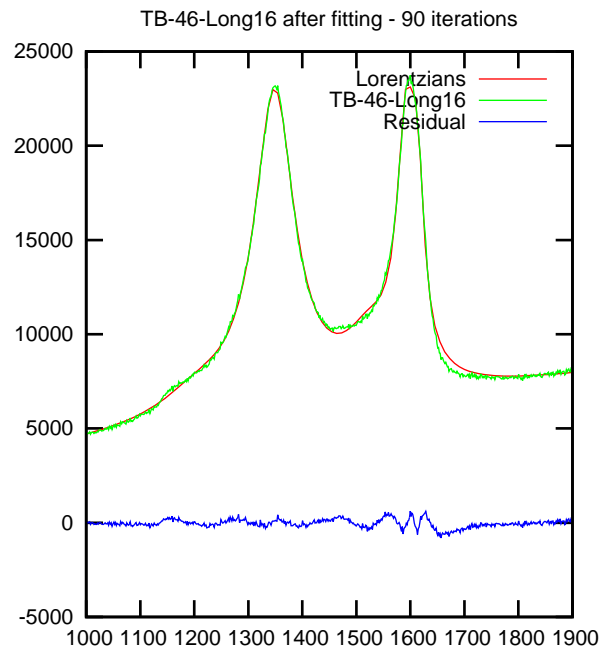
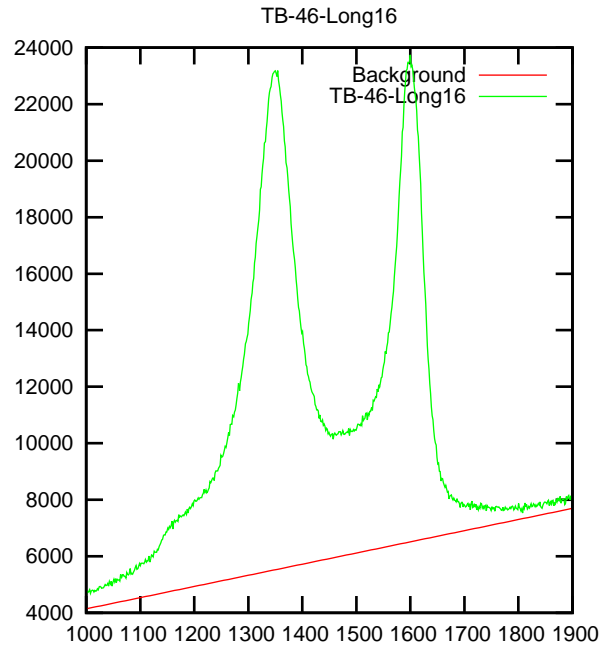


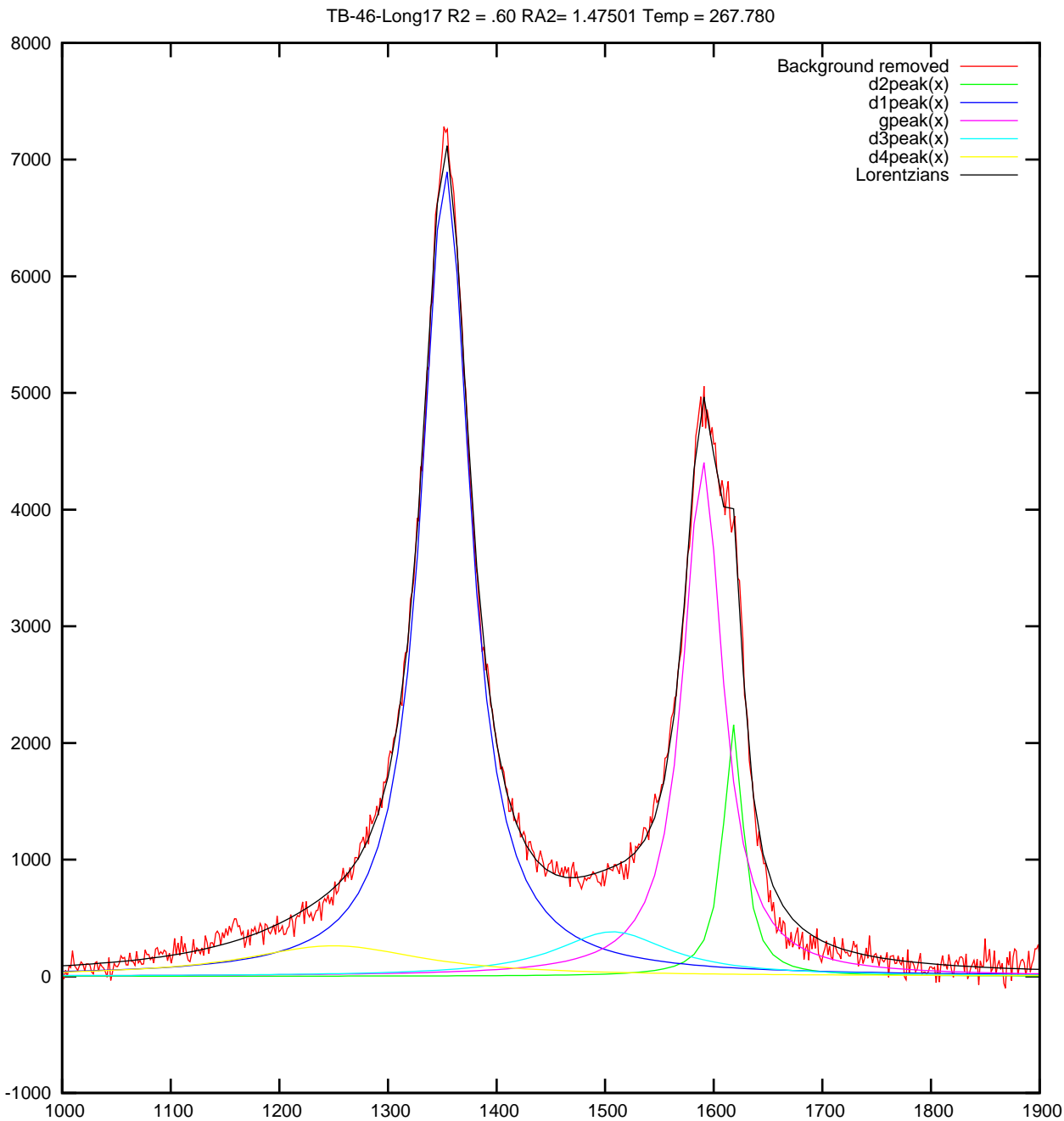
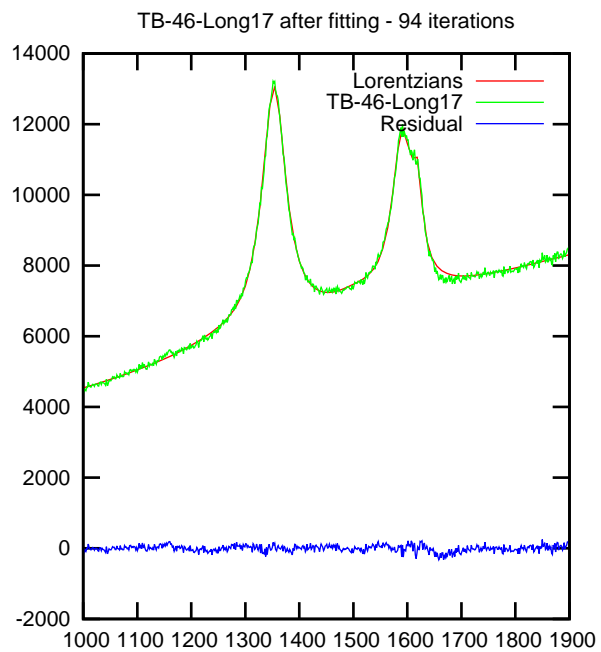
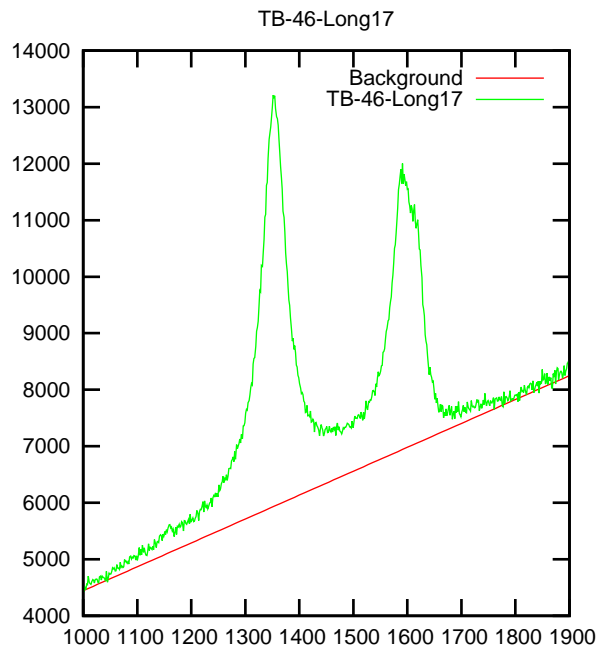


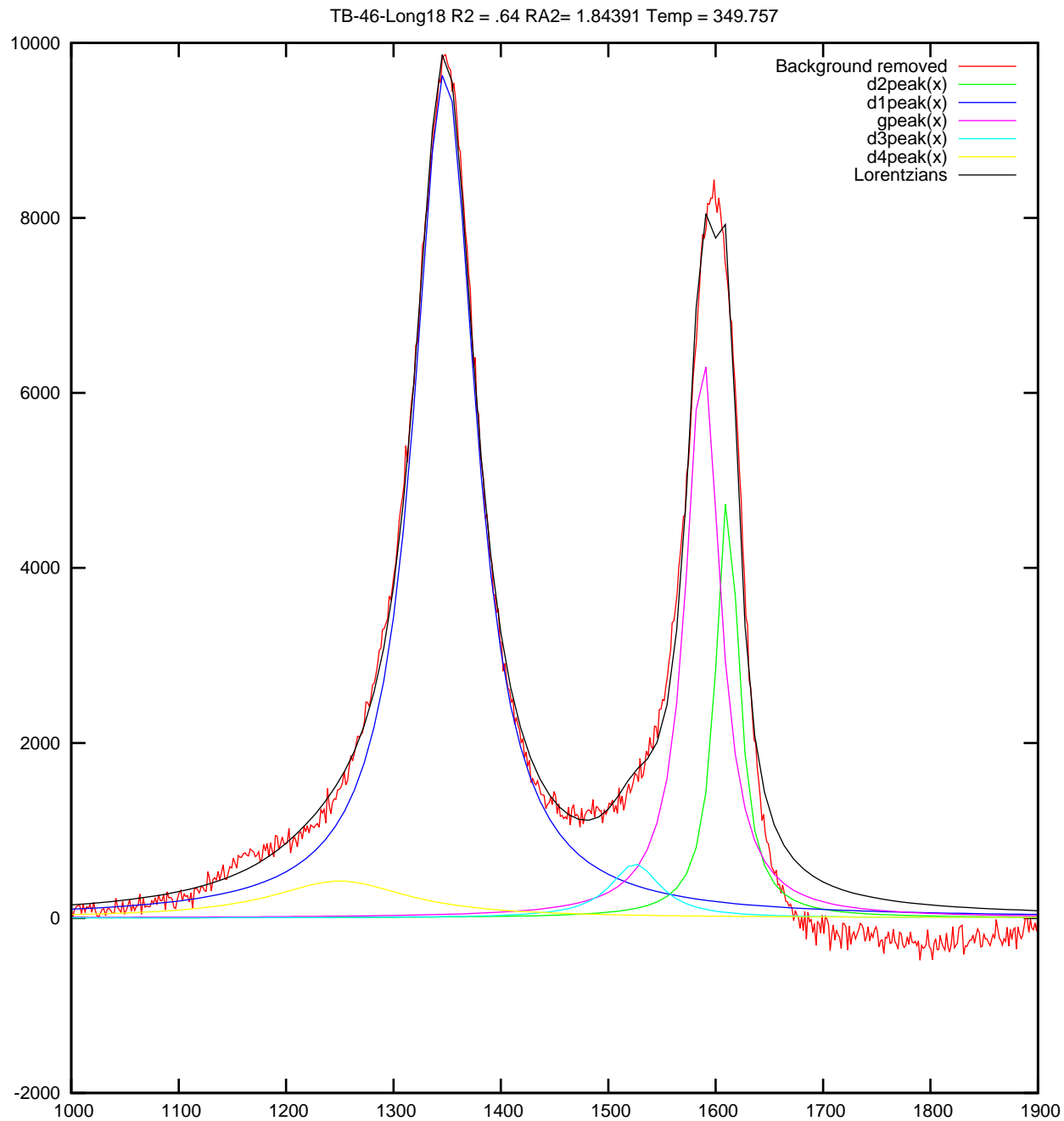
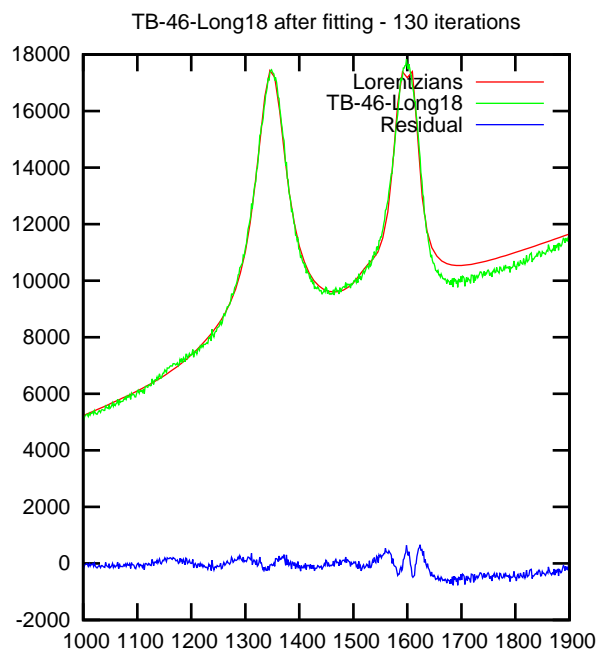
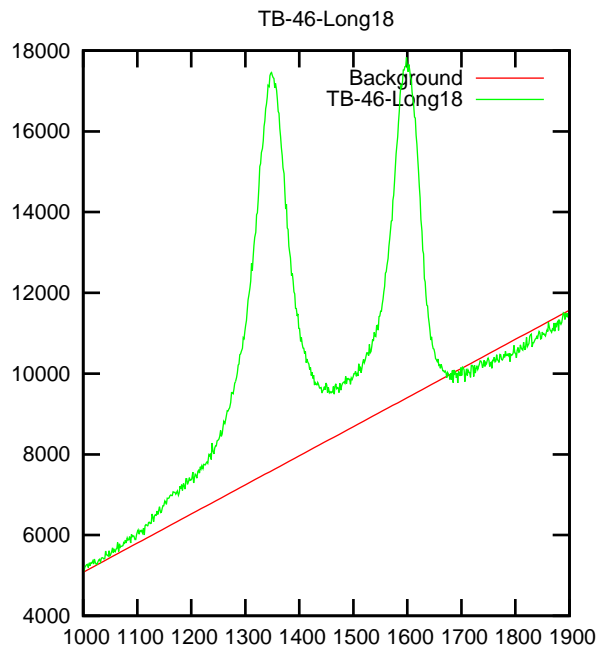


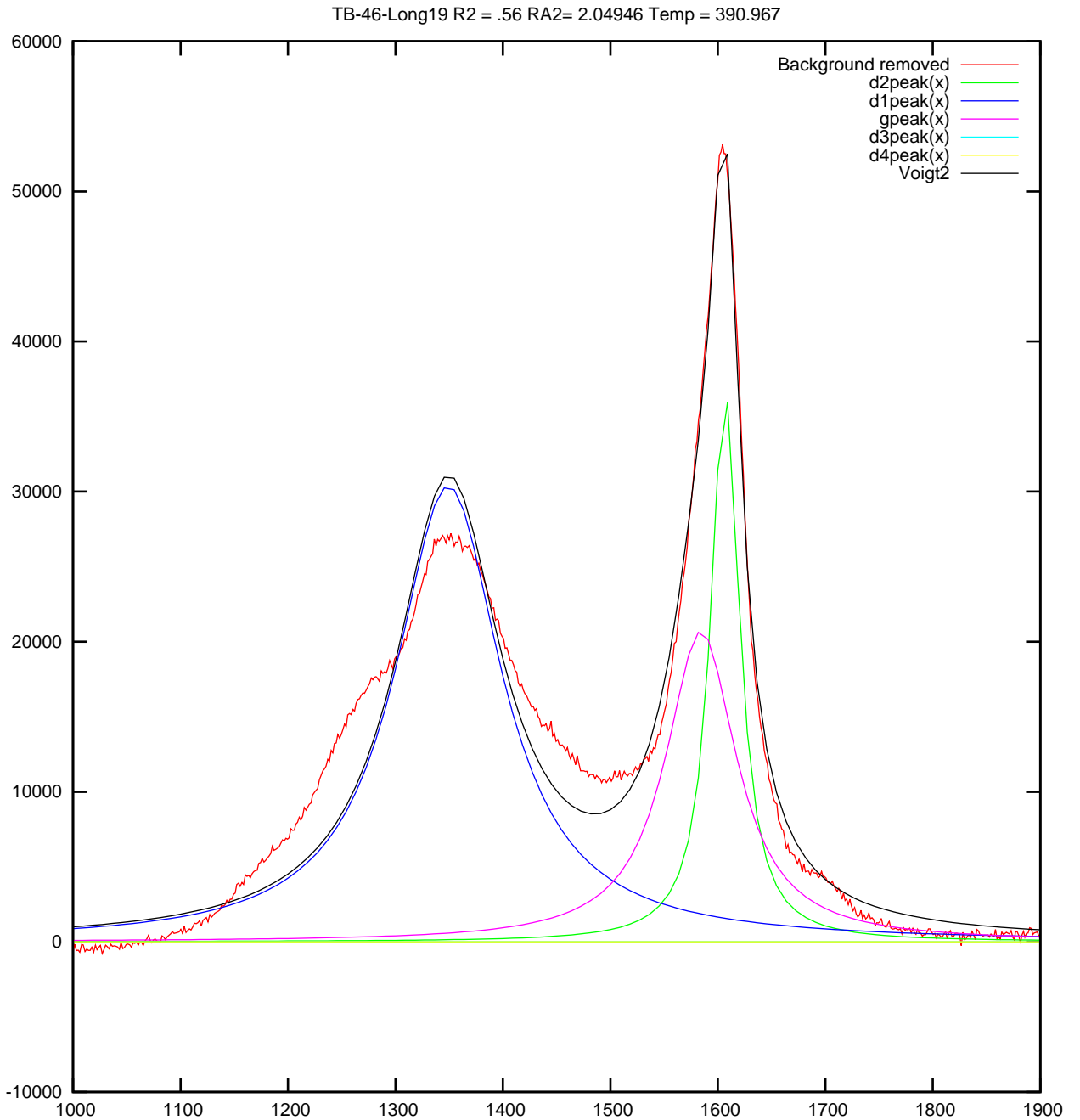
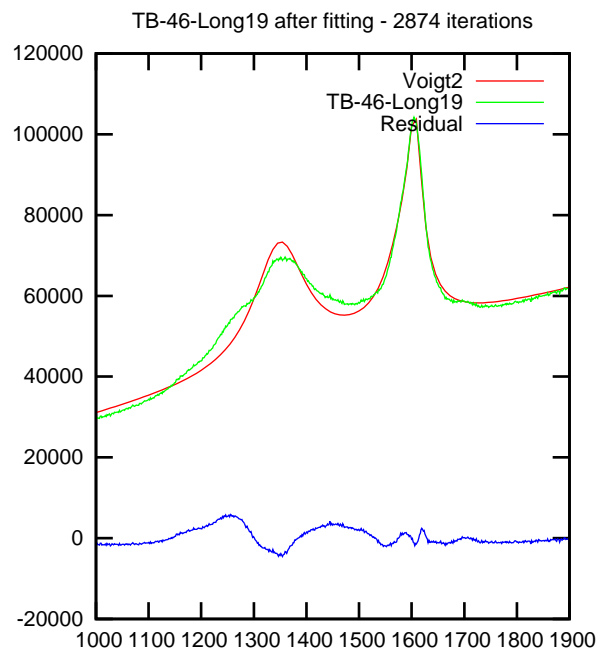
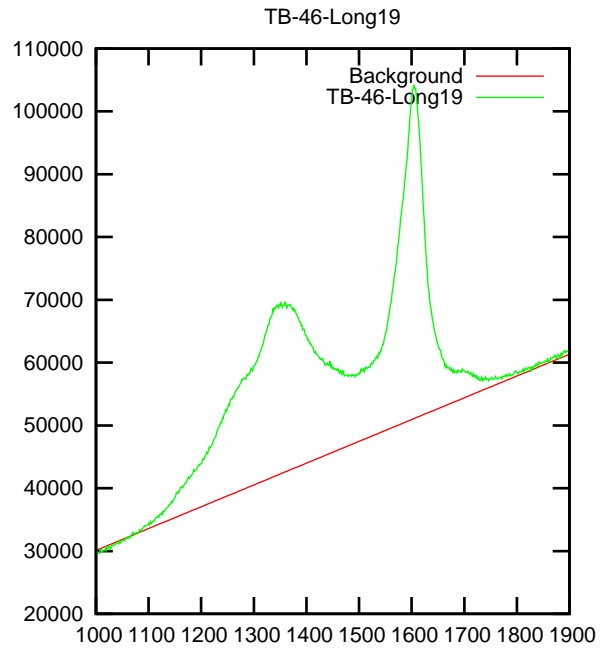
TB-46-Long15 = Noisy



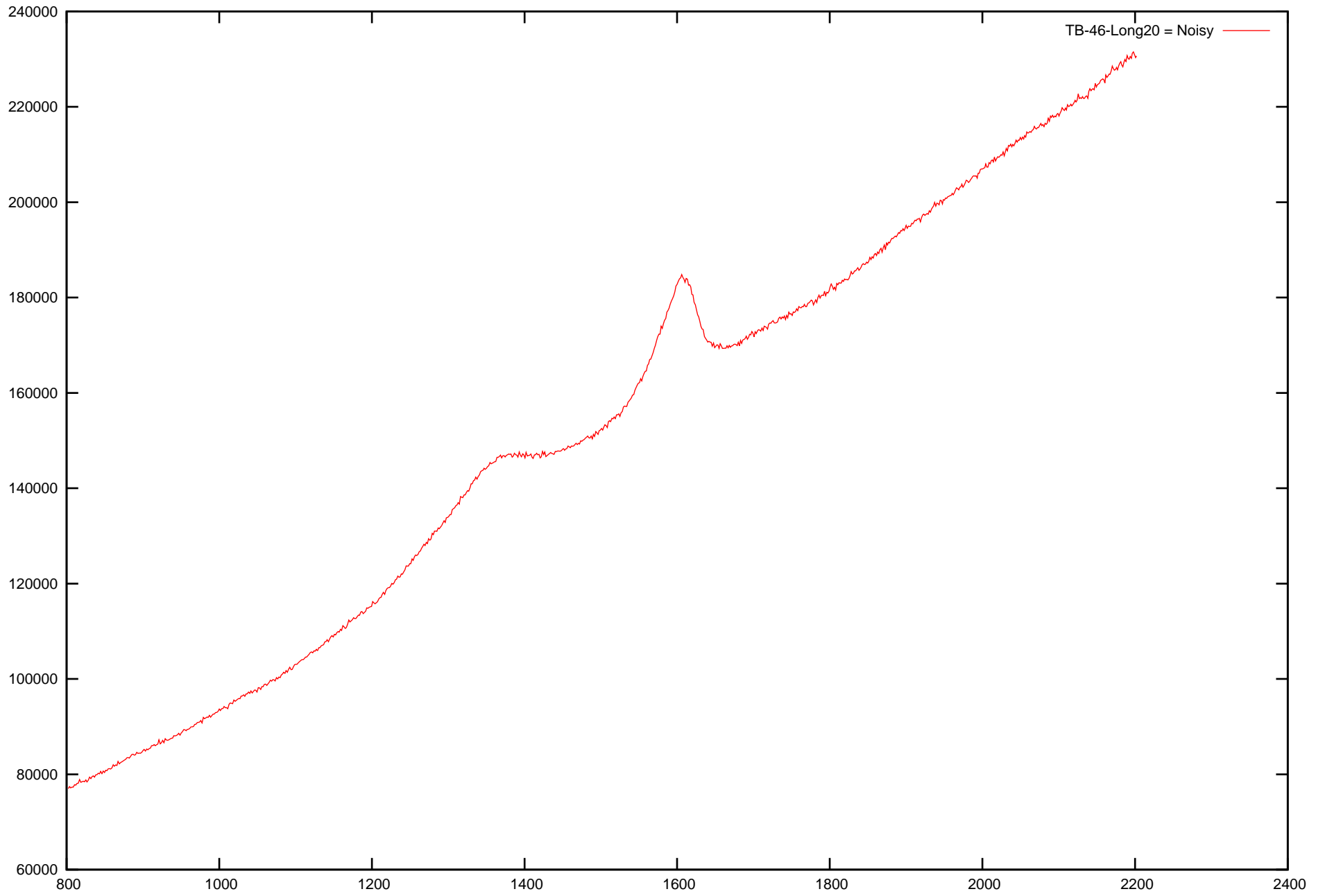




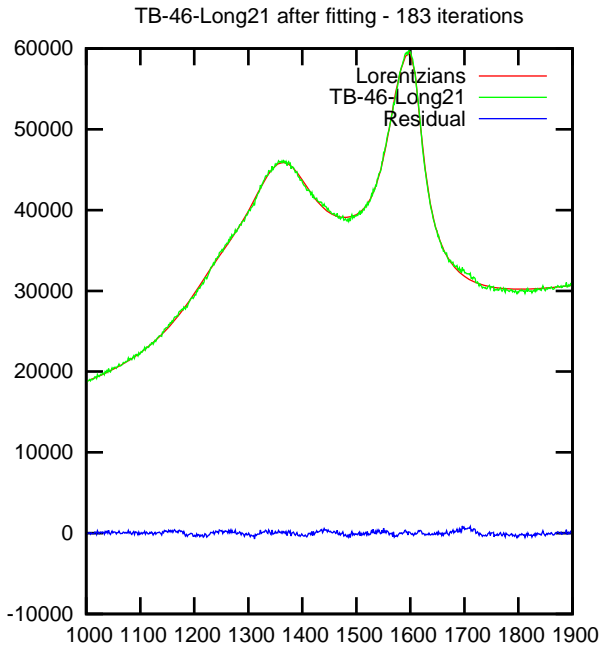
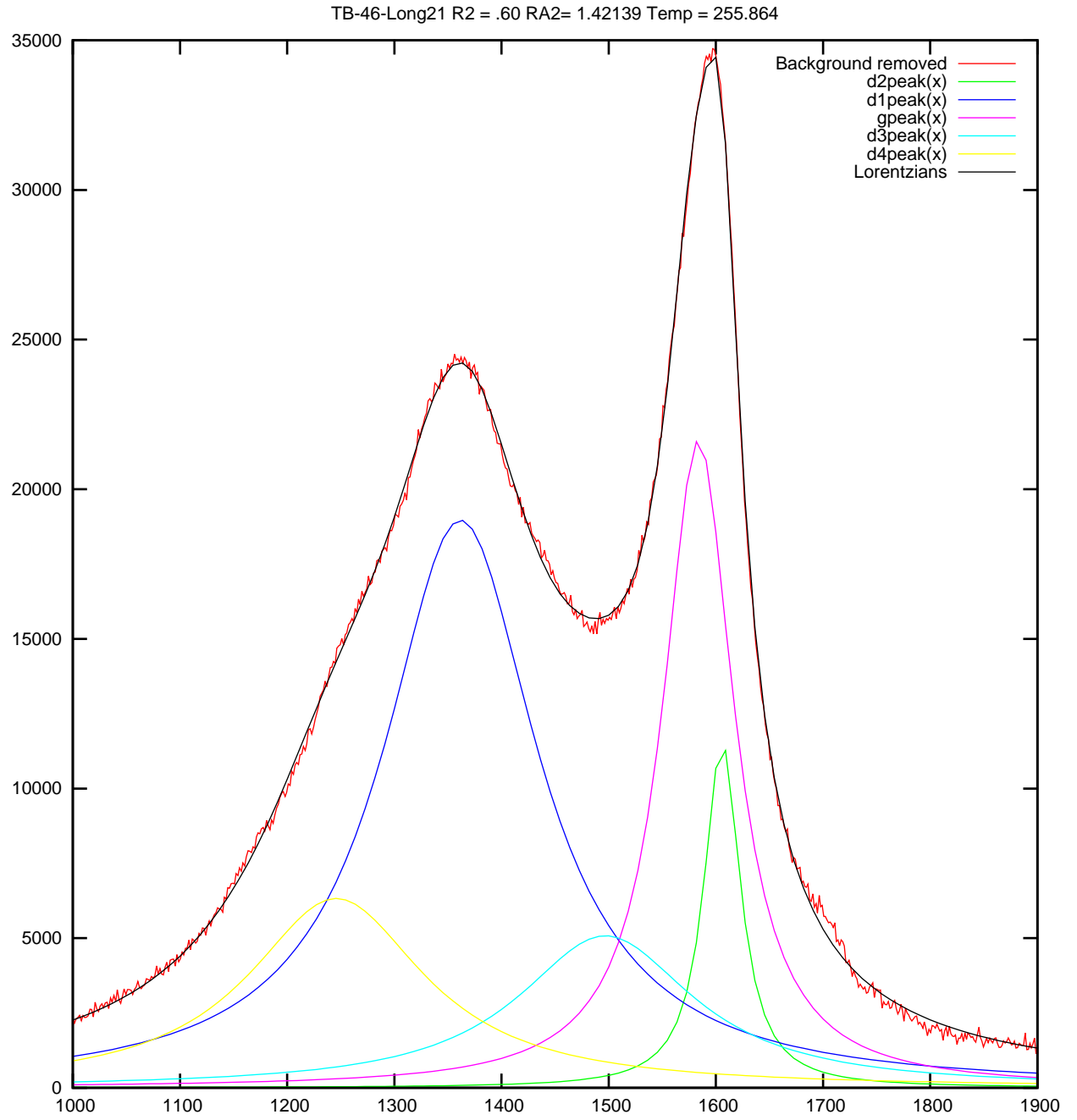
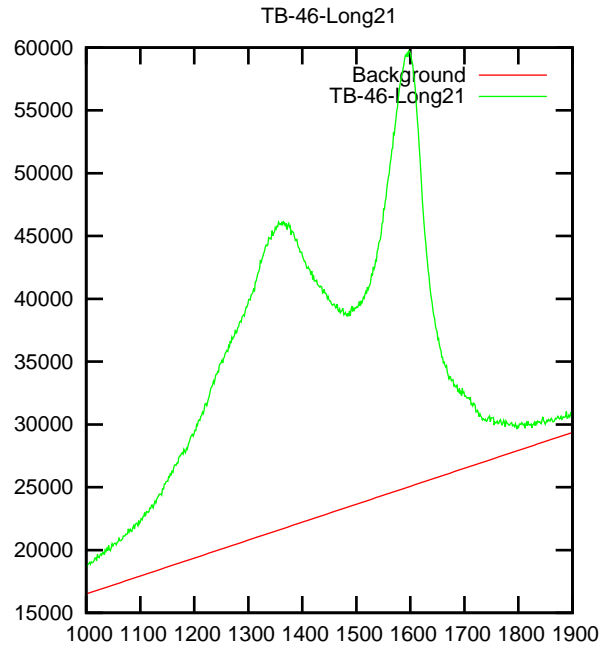


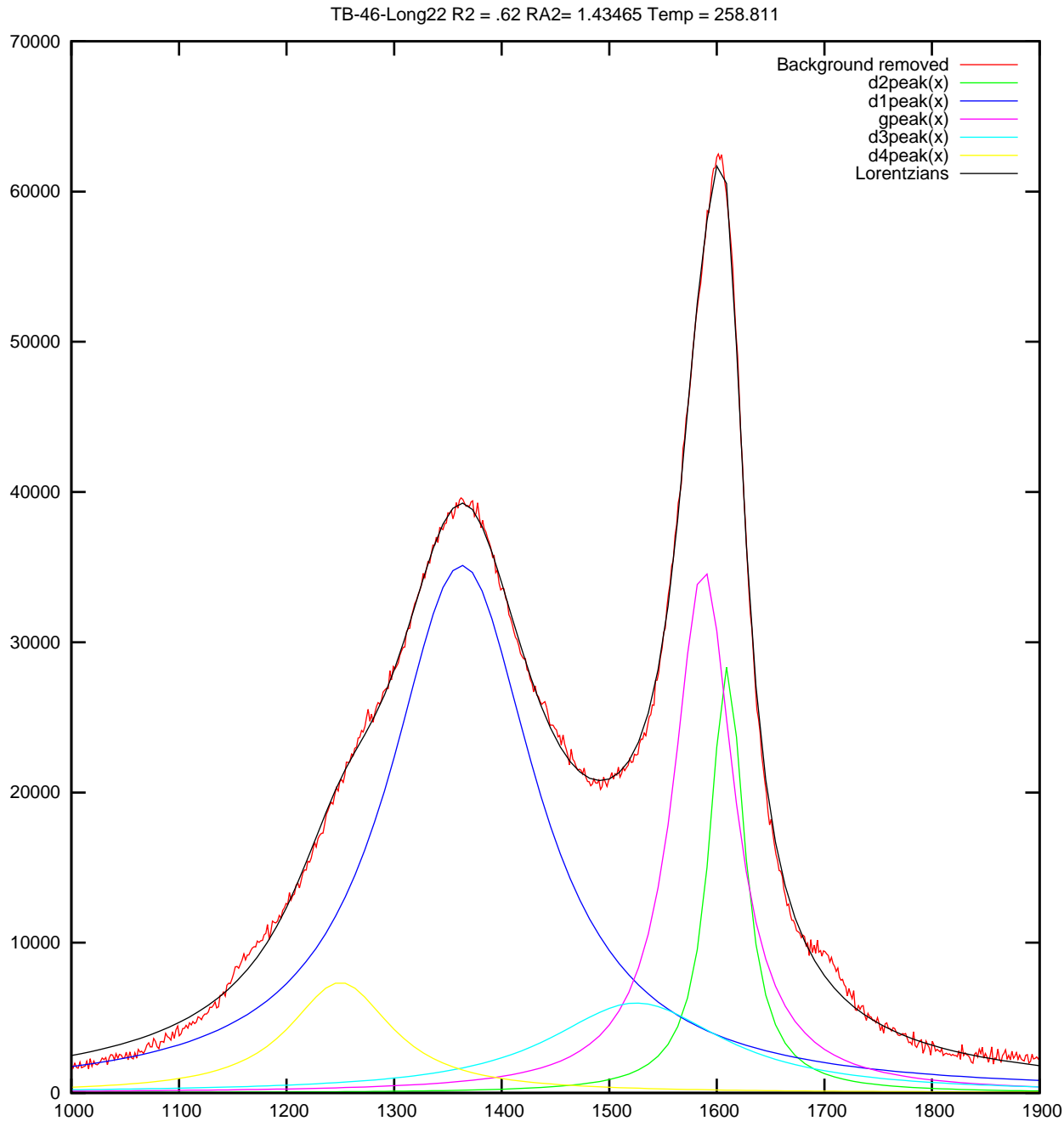
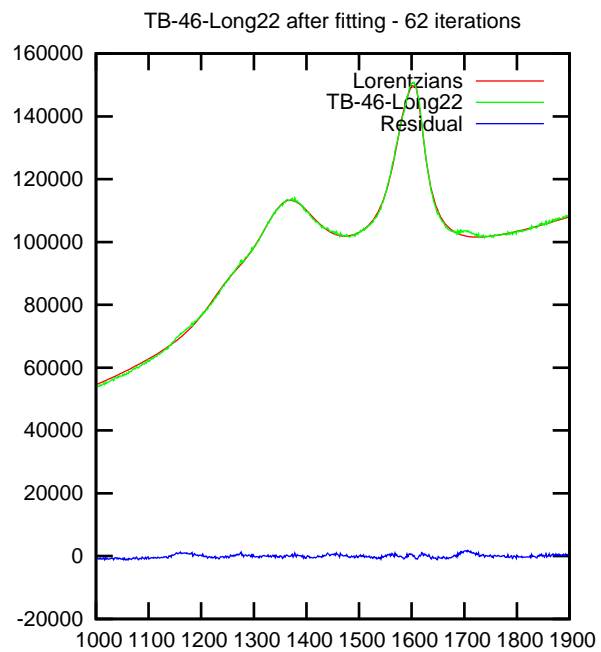
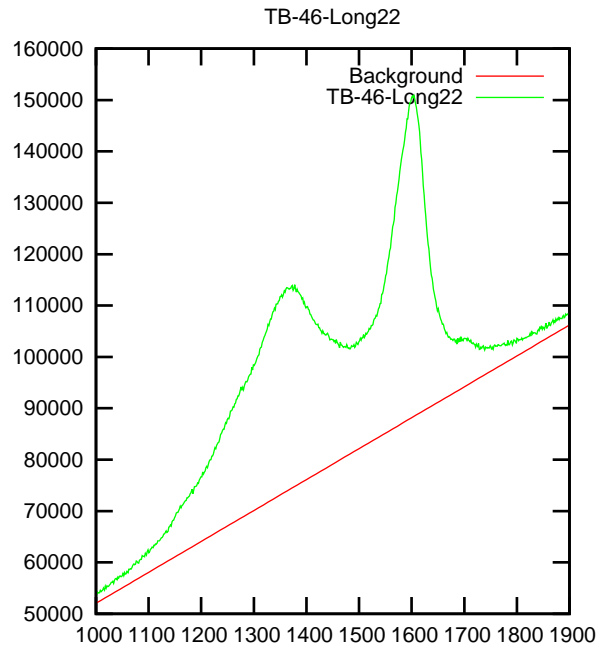


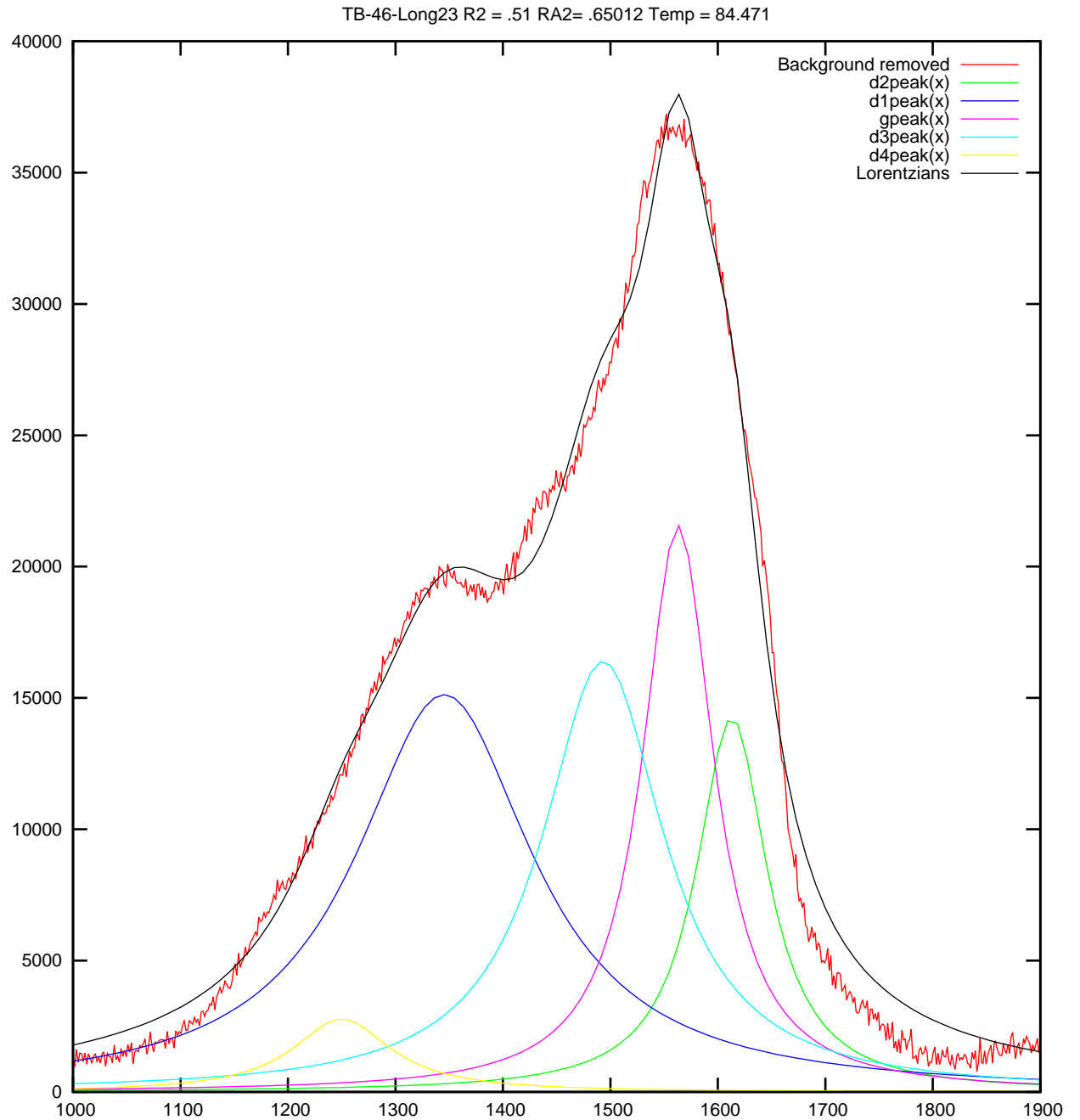
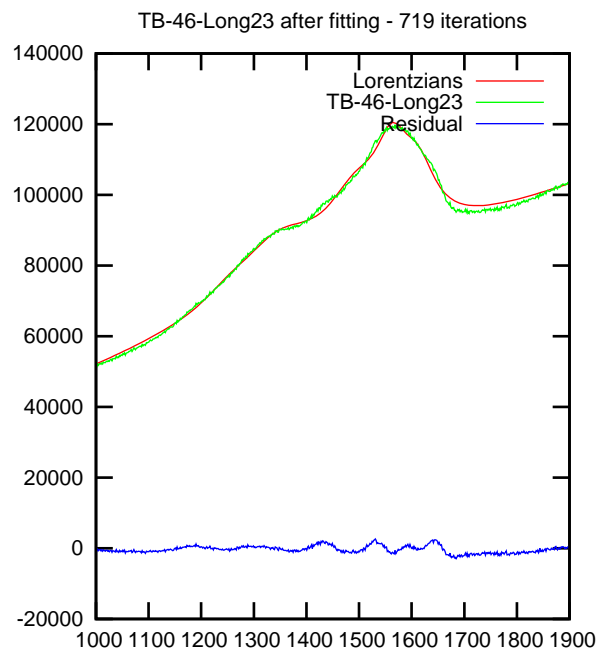
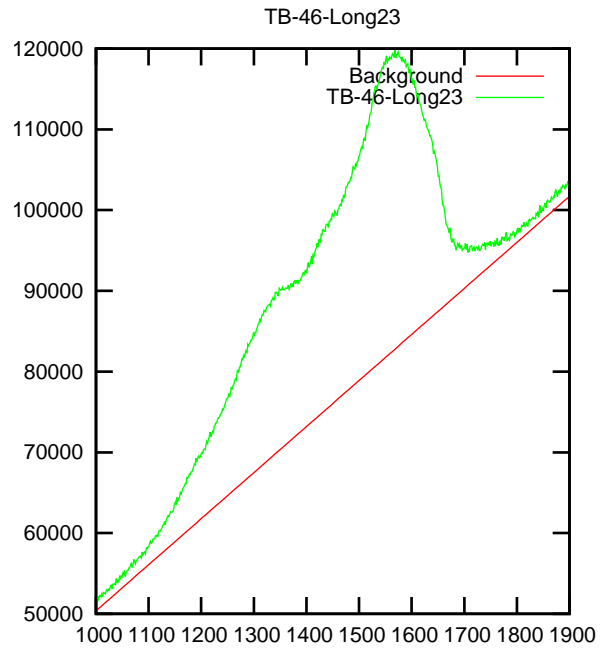
TB-46-Long20 = Noisy

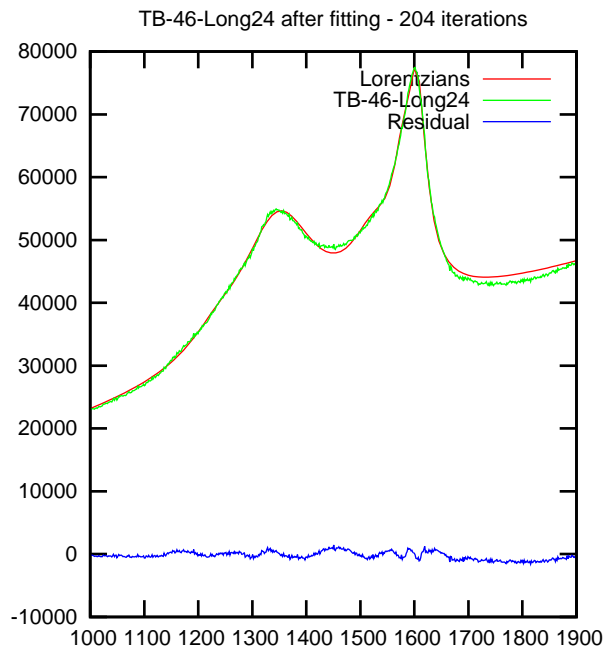
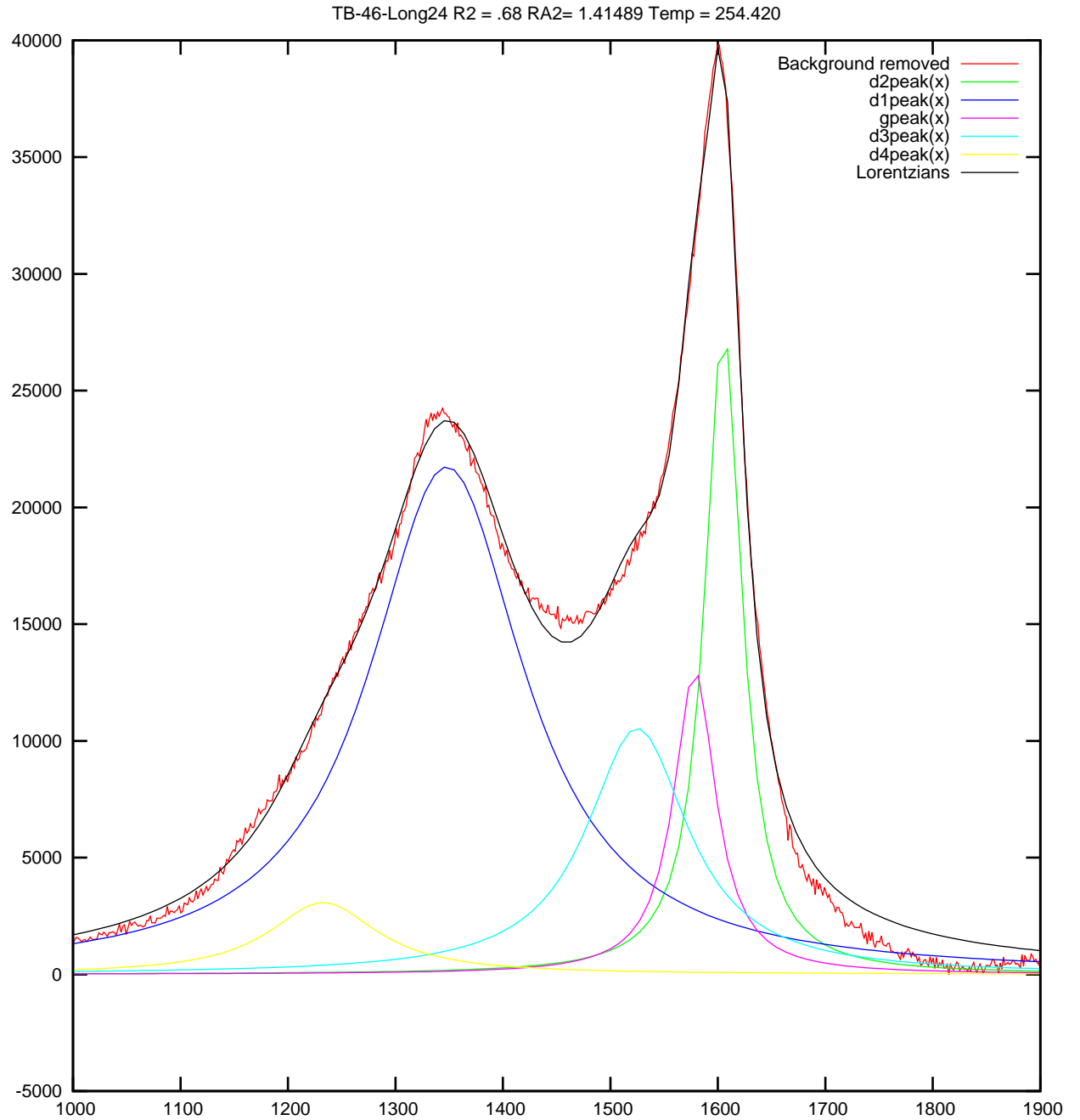
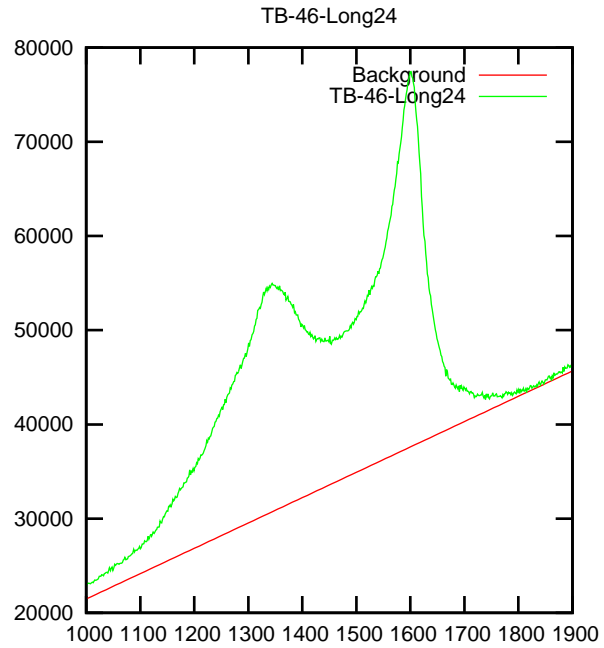


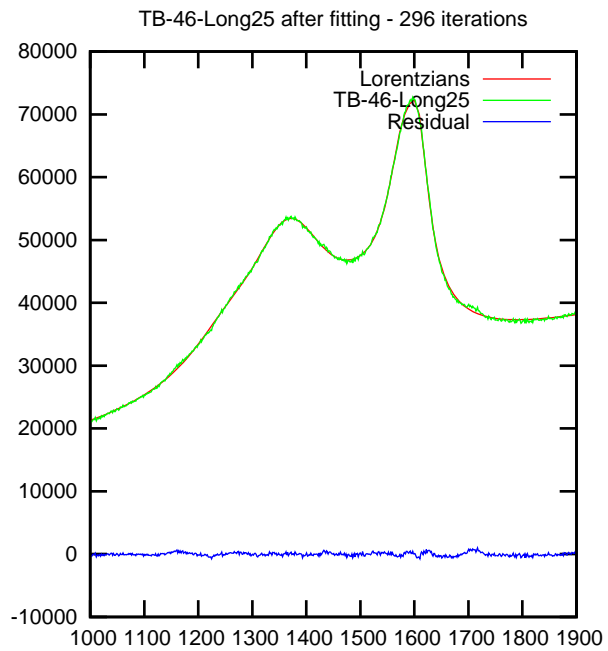
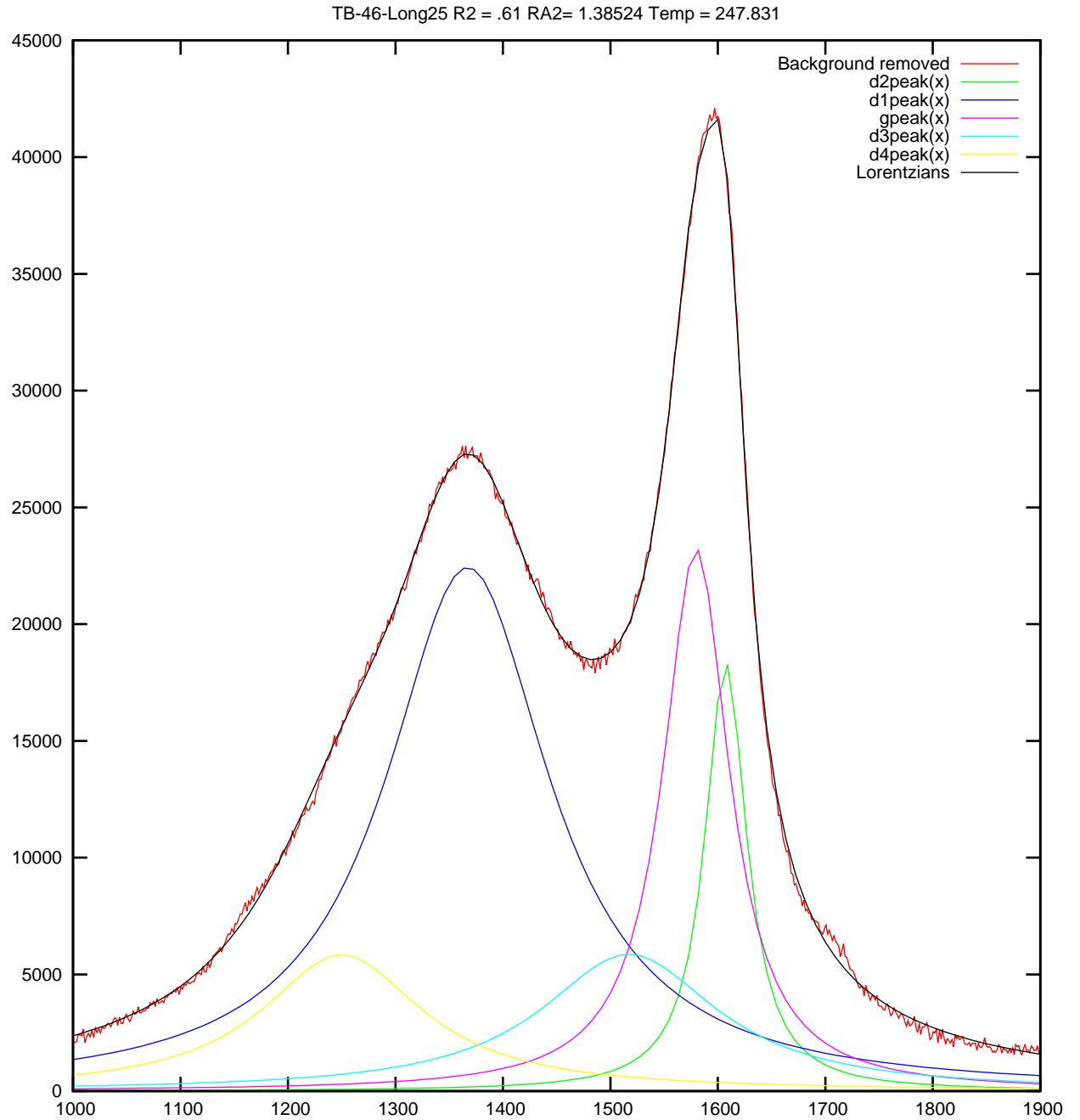
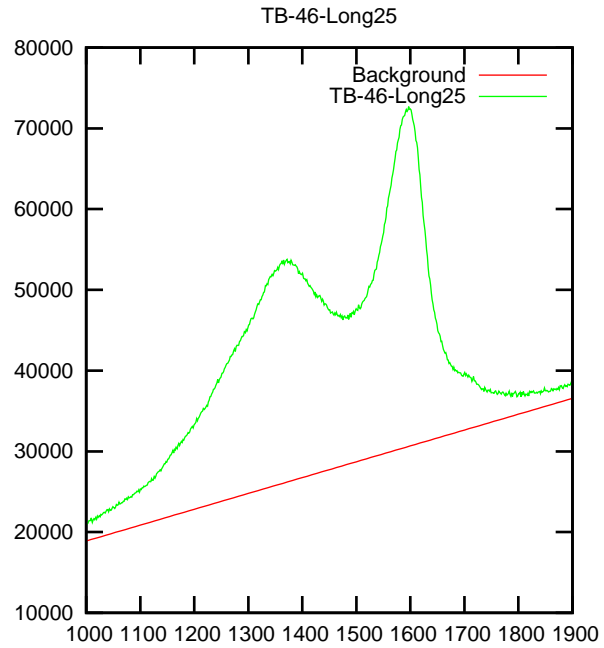
TB-46-Long20 = Noisy

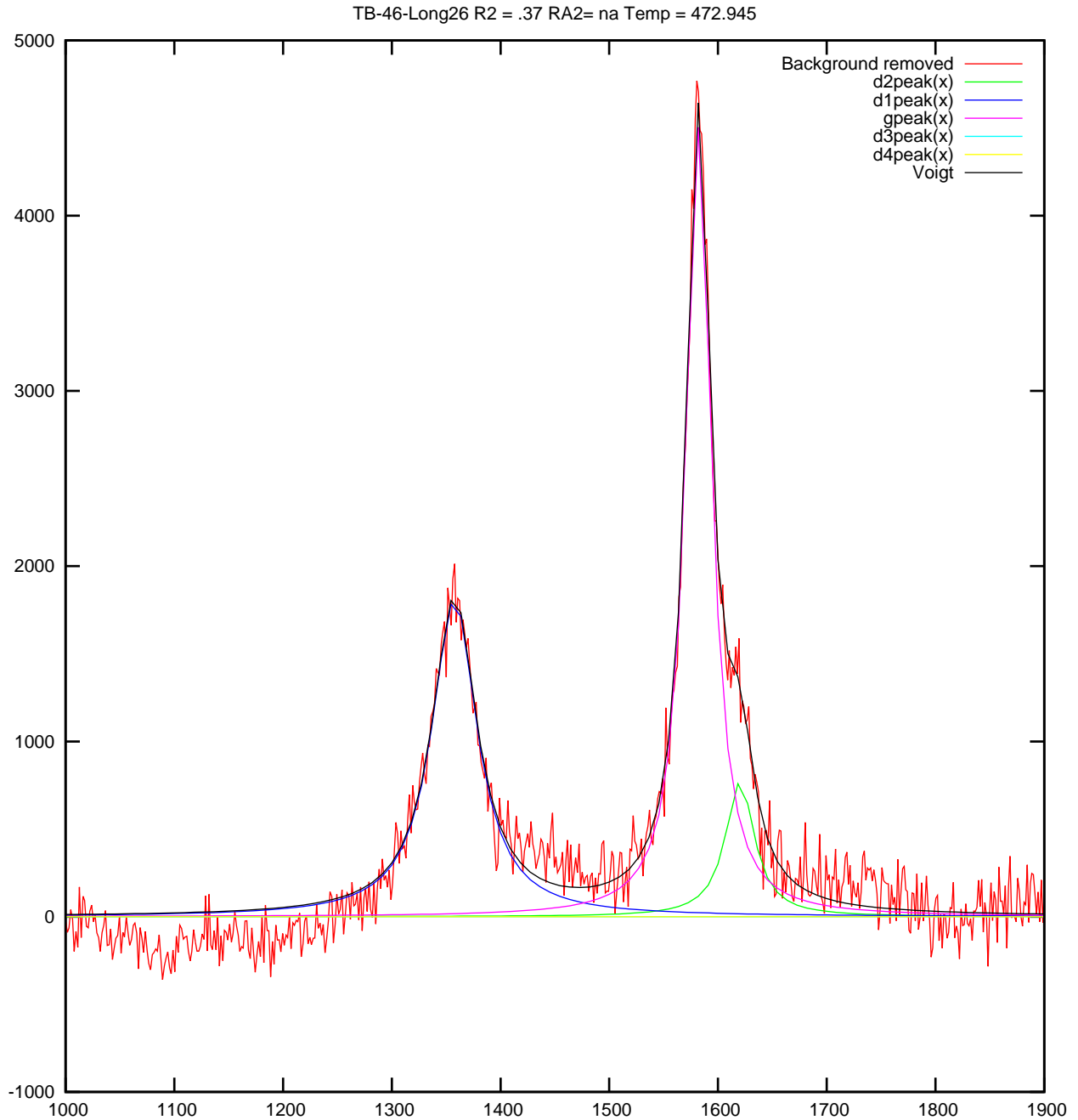
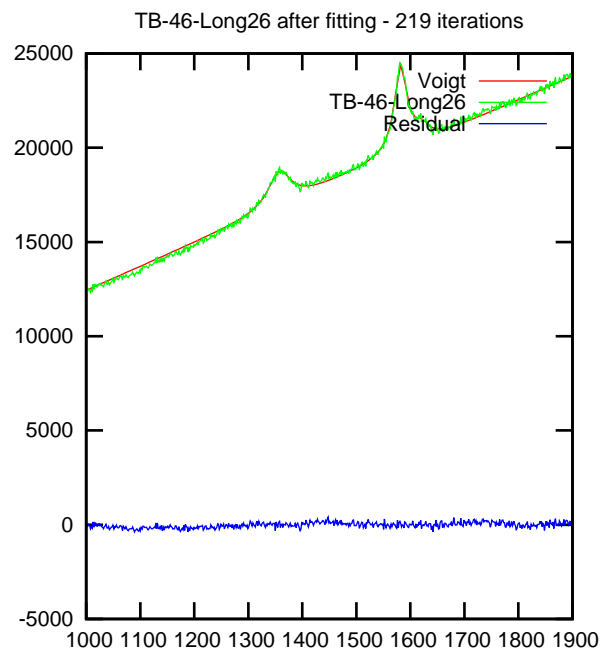
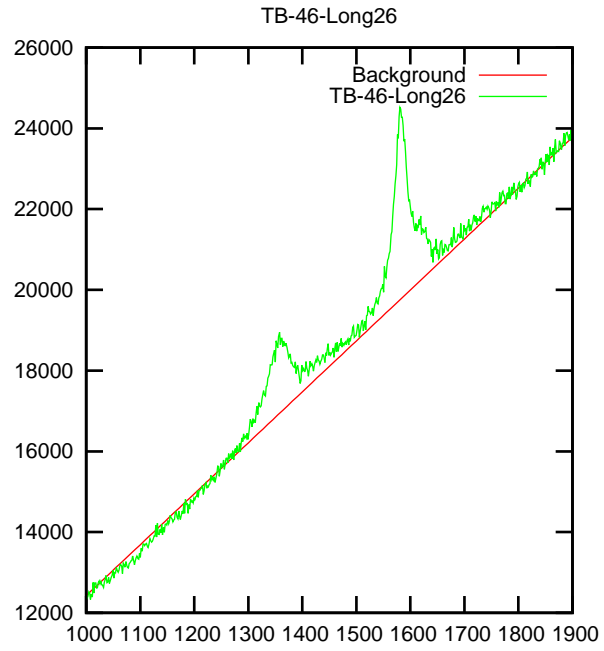


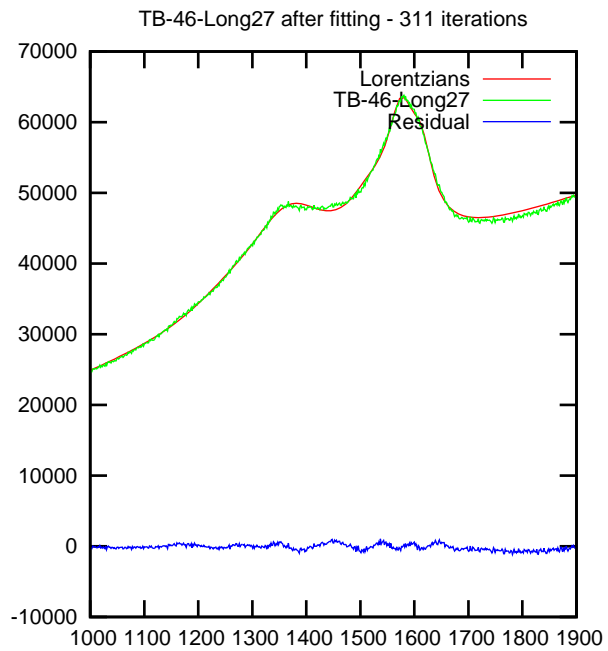
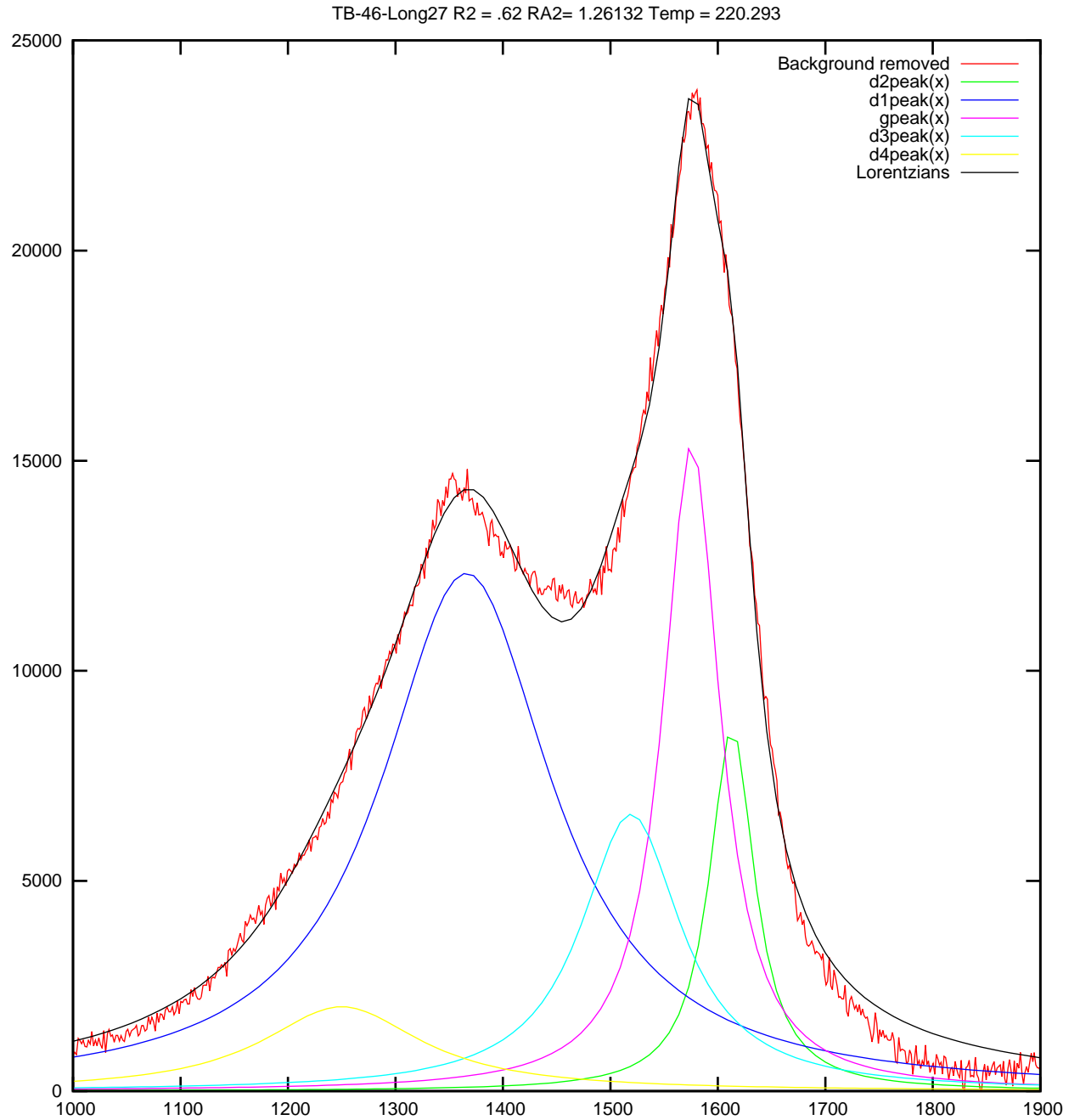
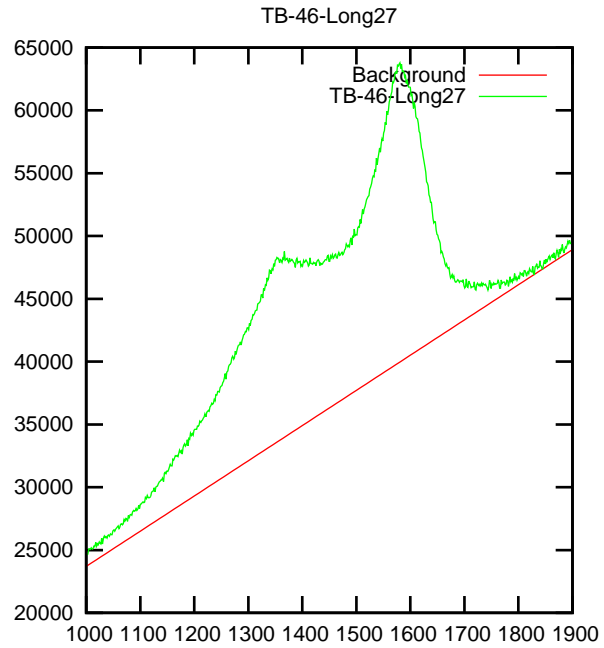


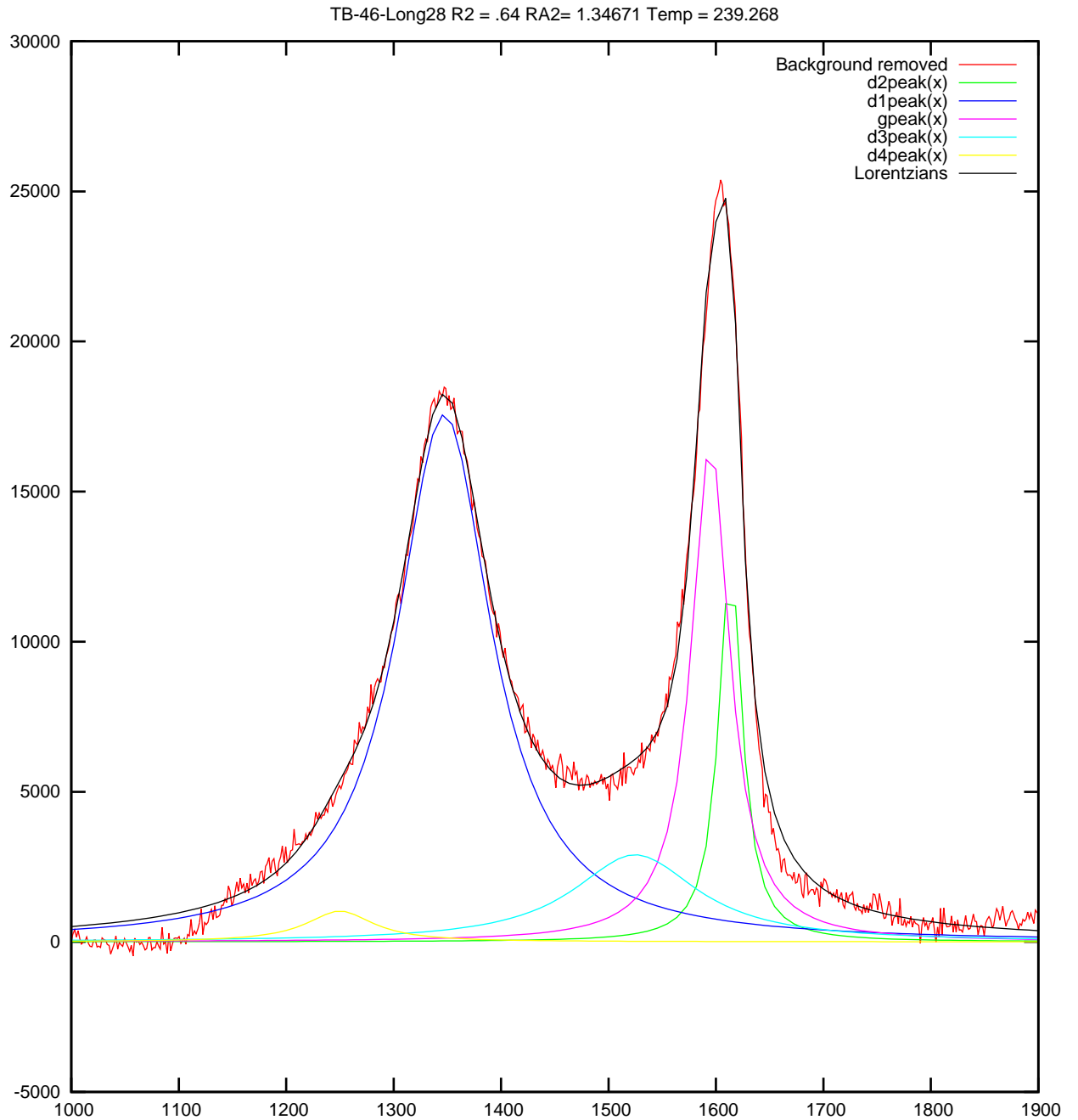
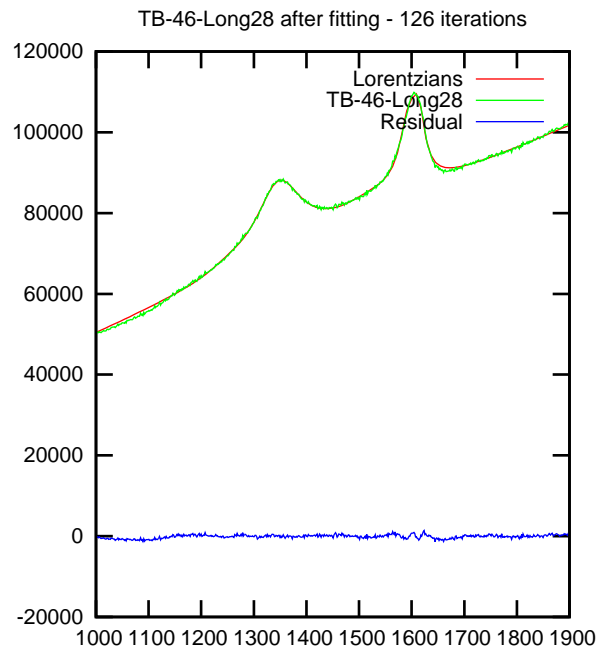
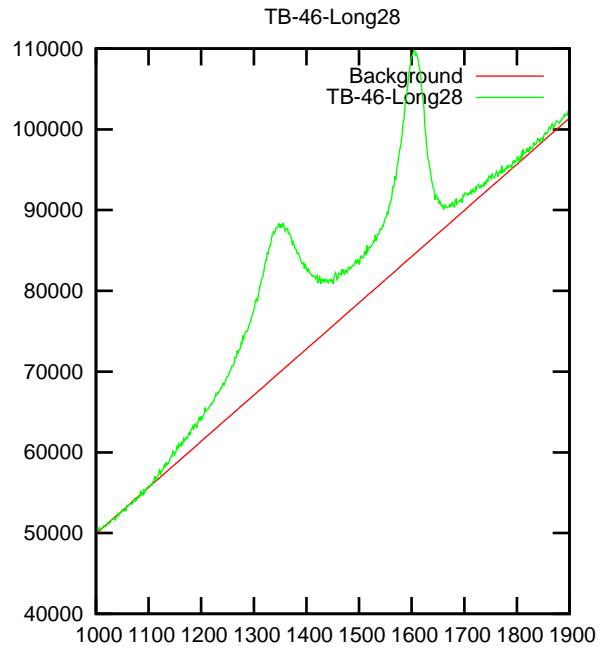




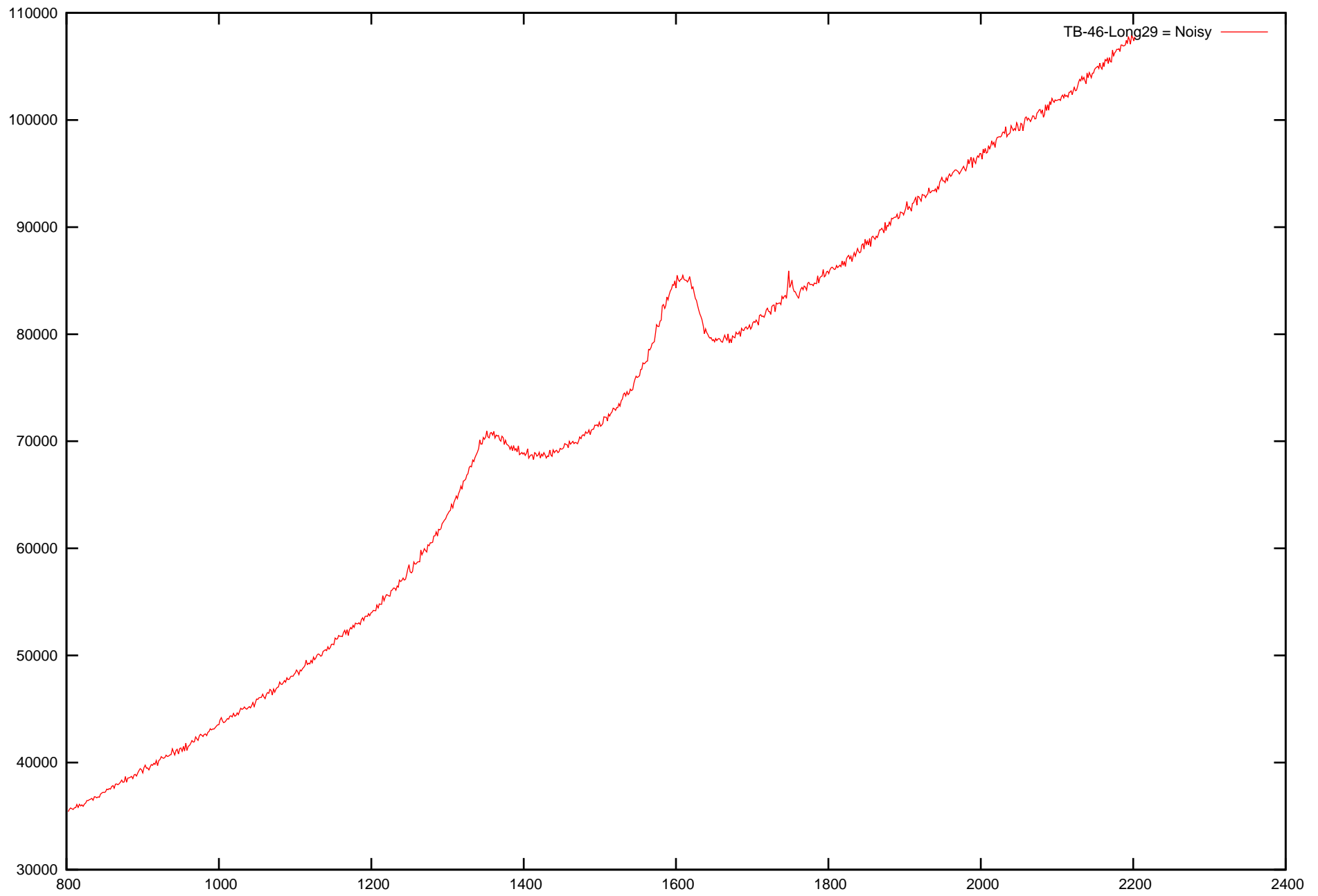


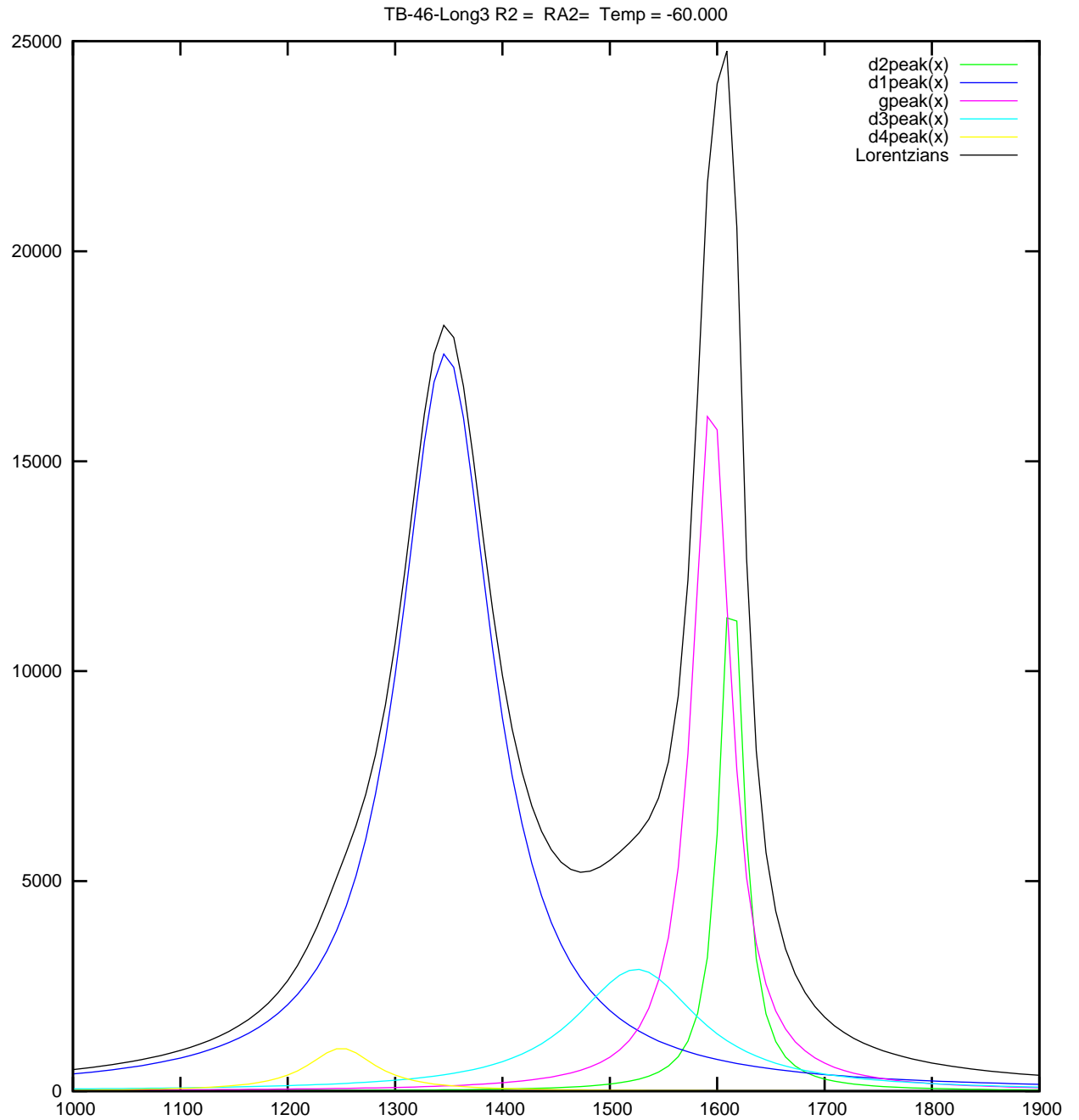
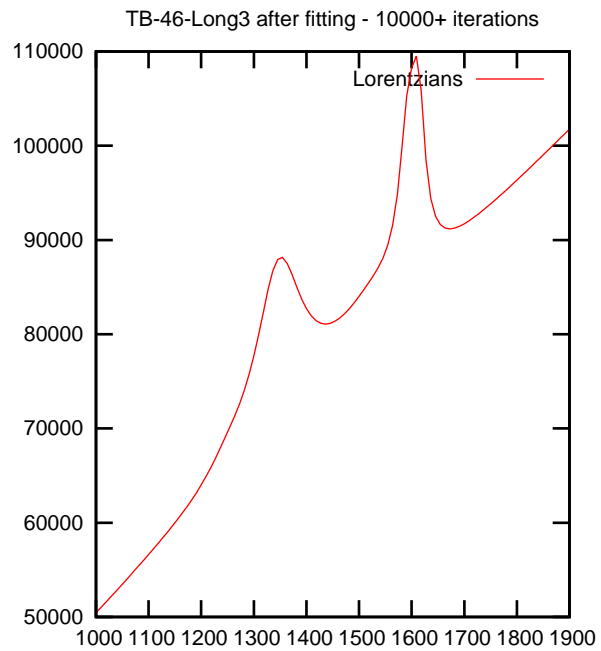
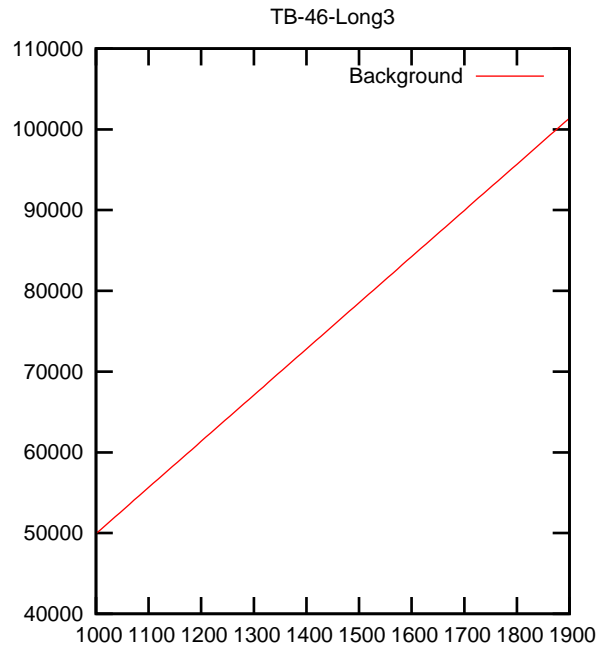


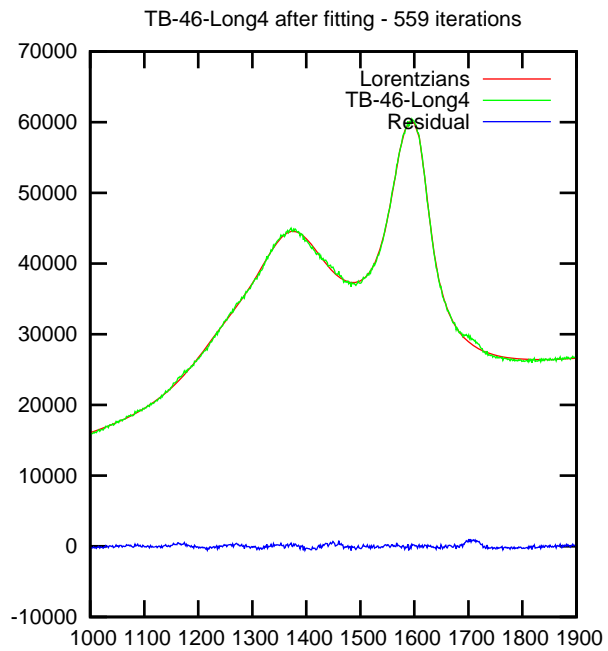
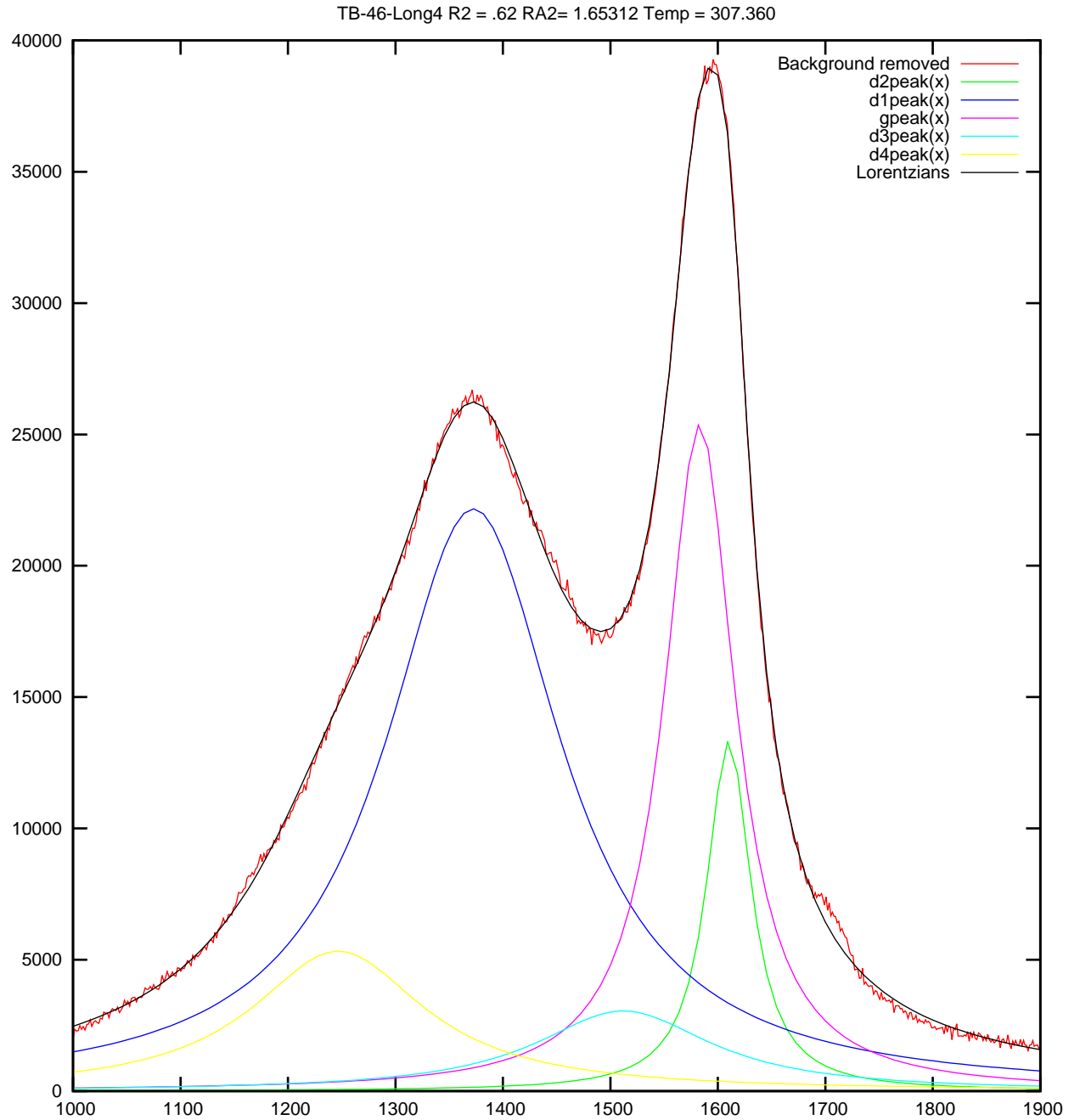
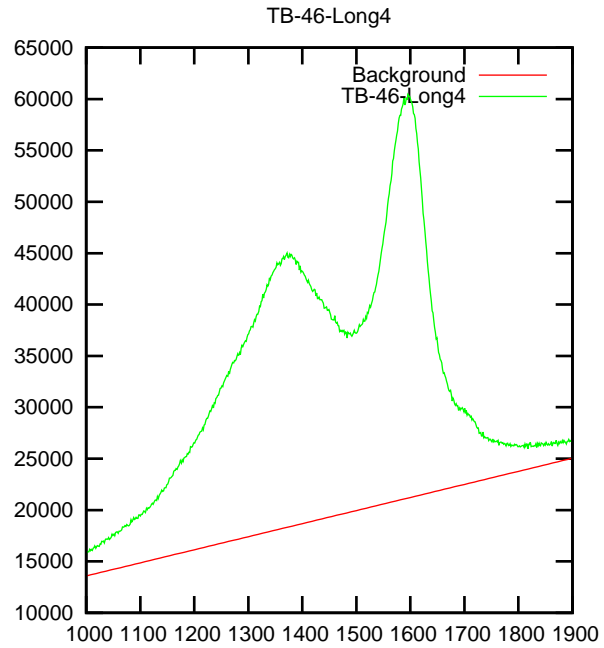


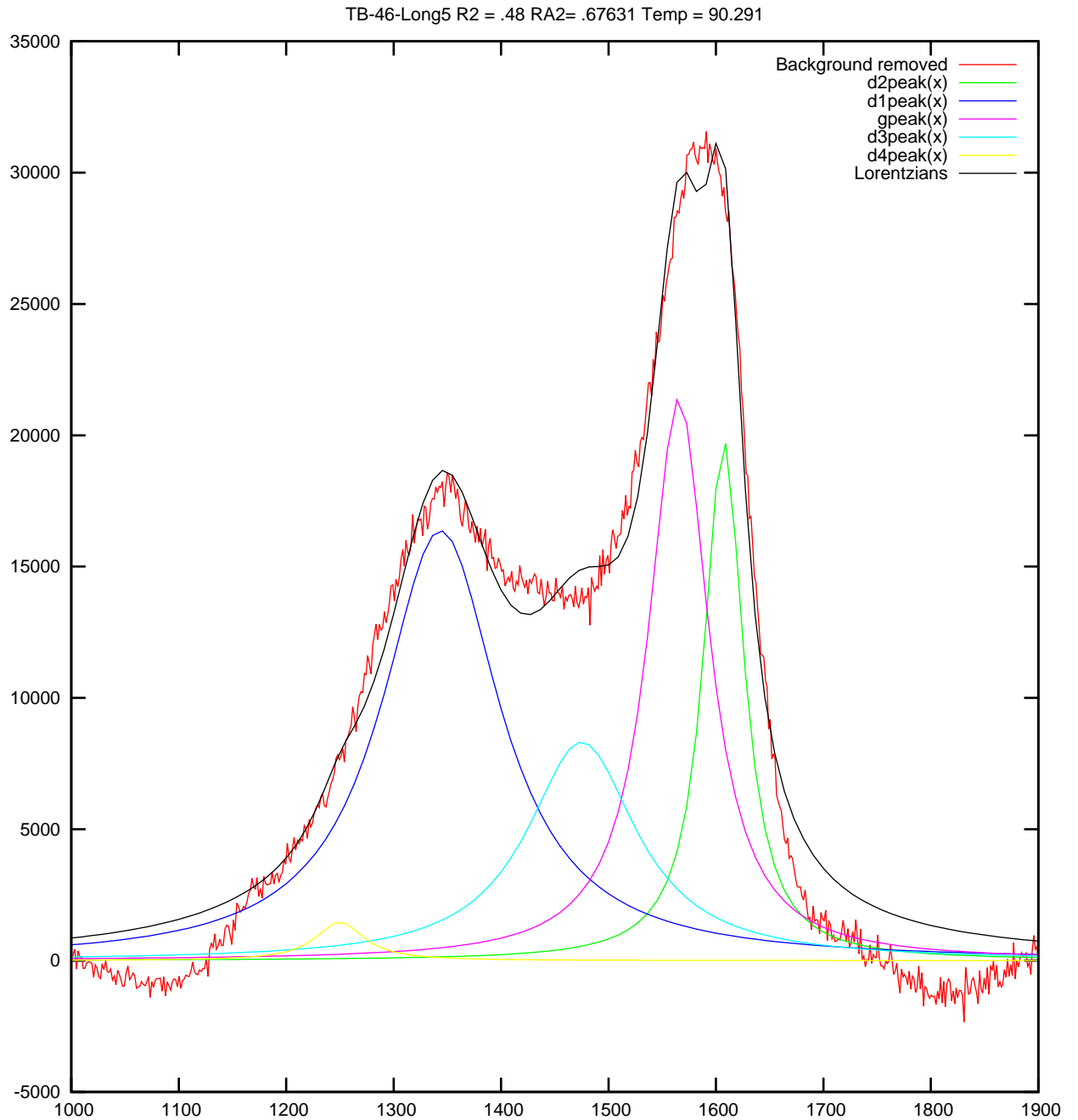
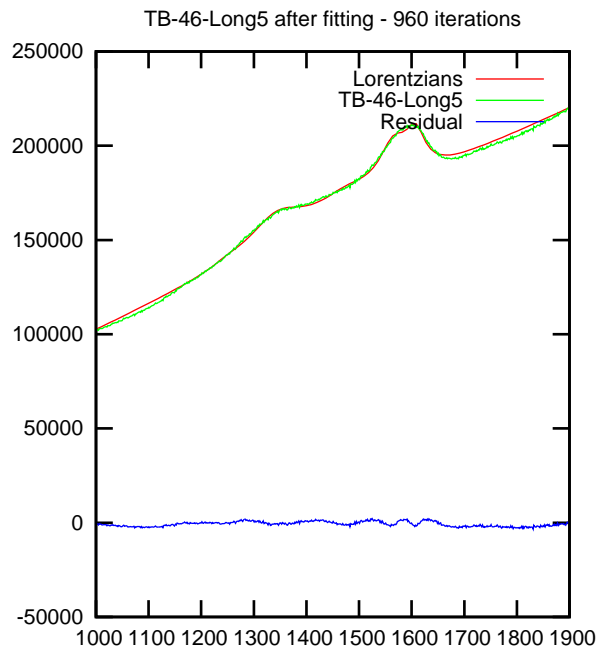
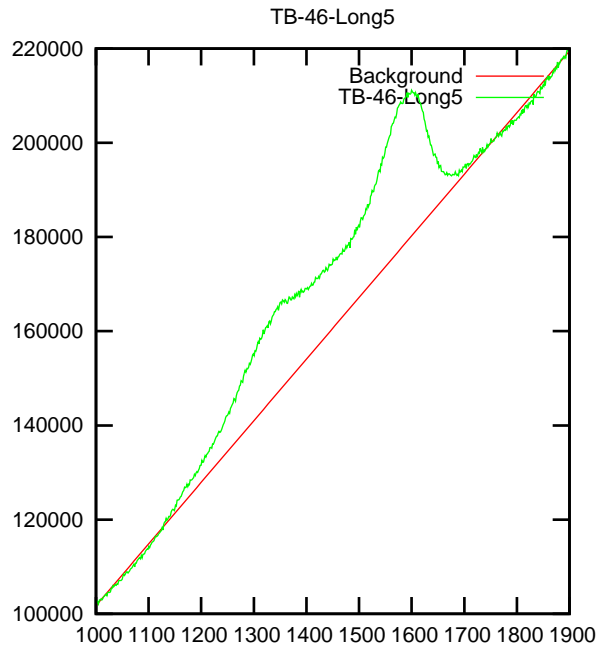


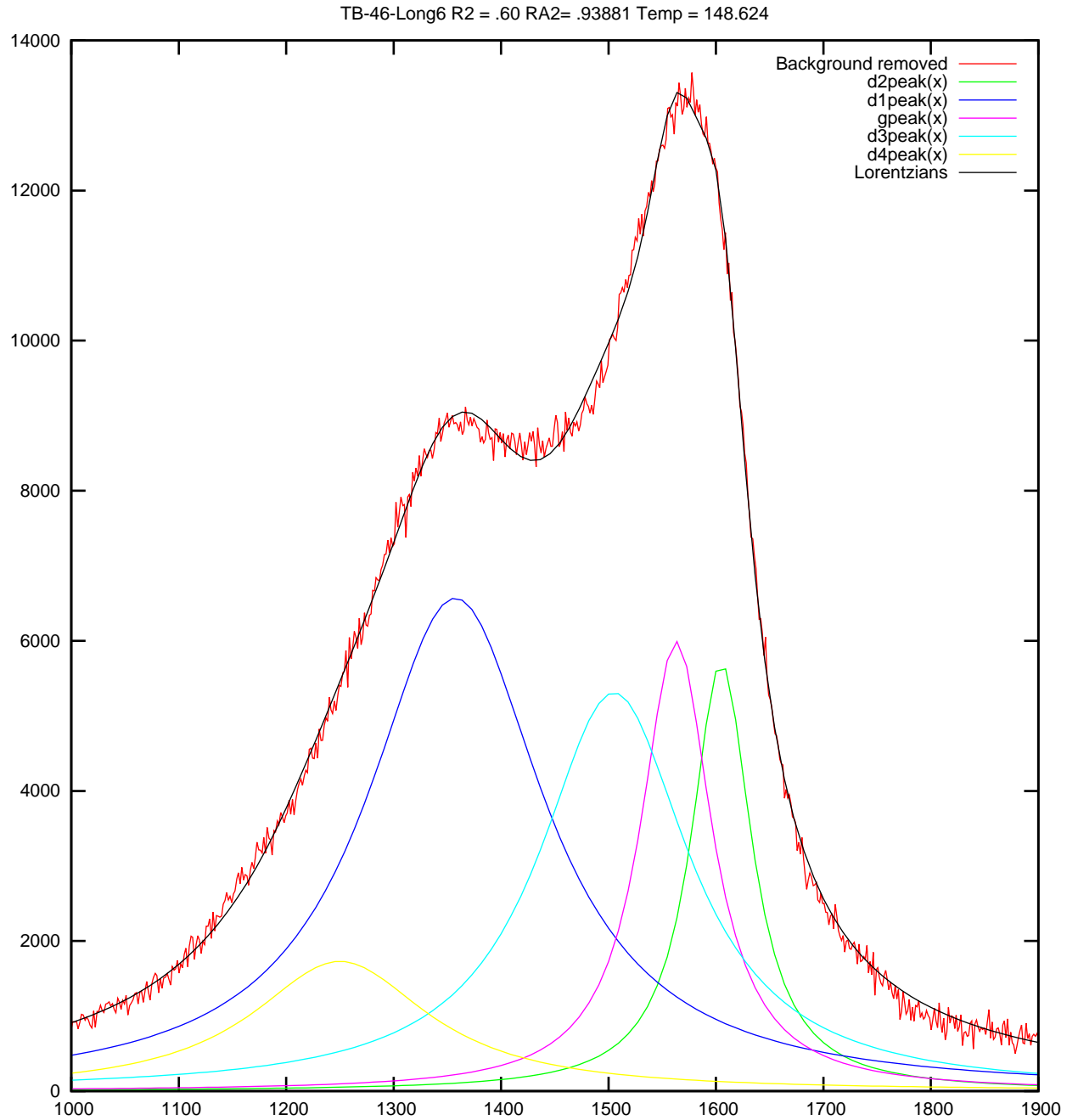
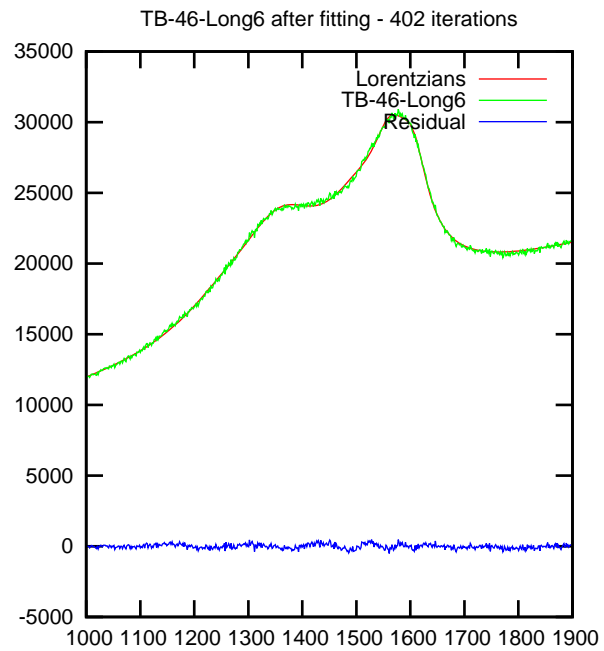
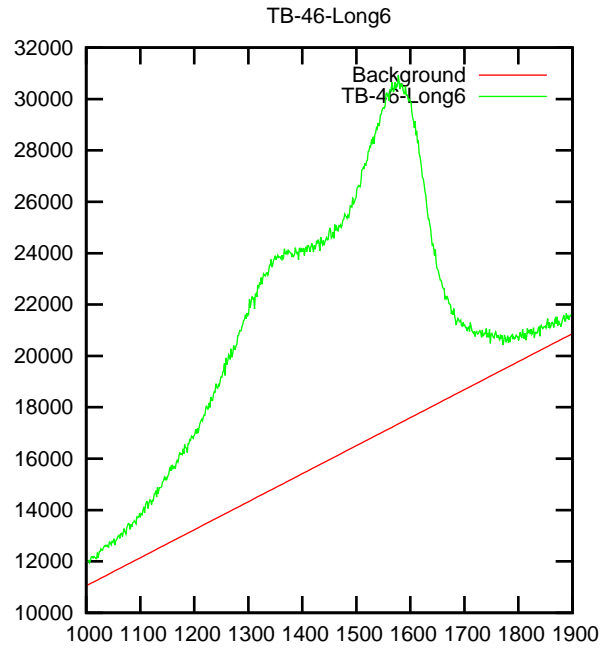
TB-46-Long29 = Noisy

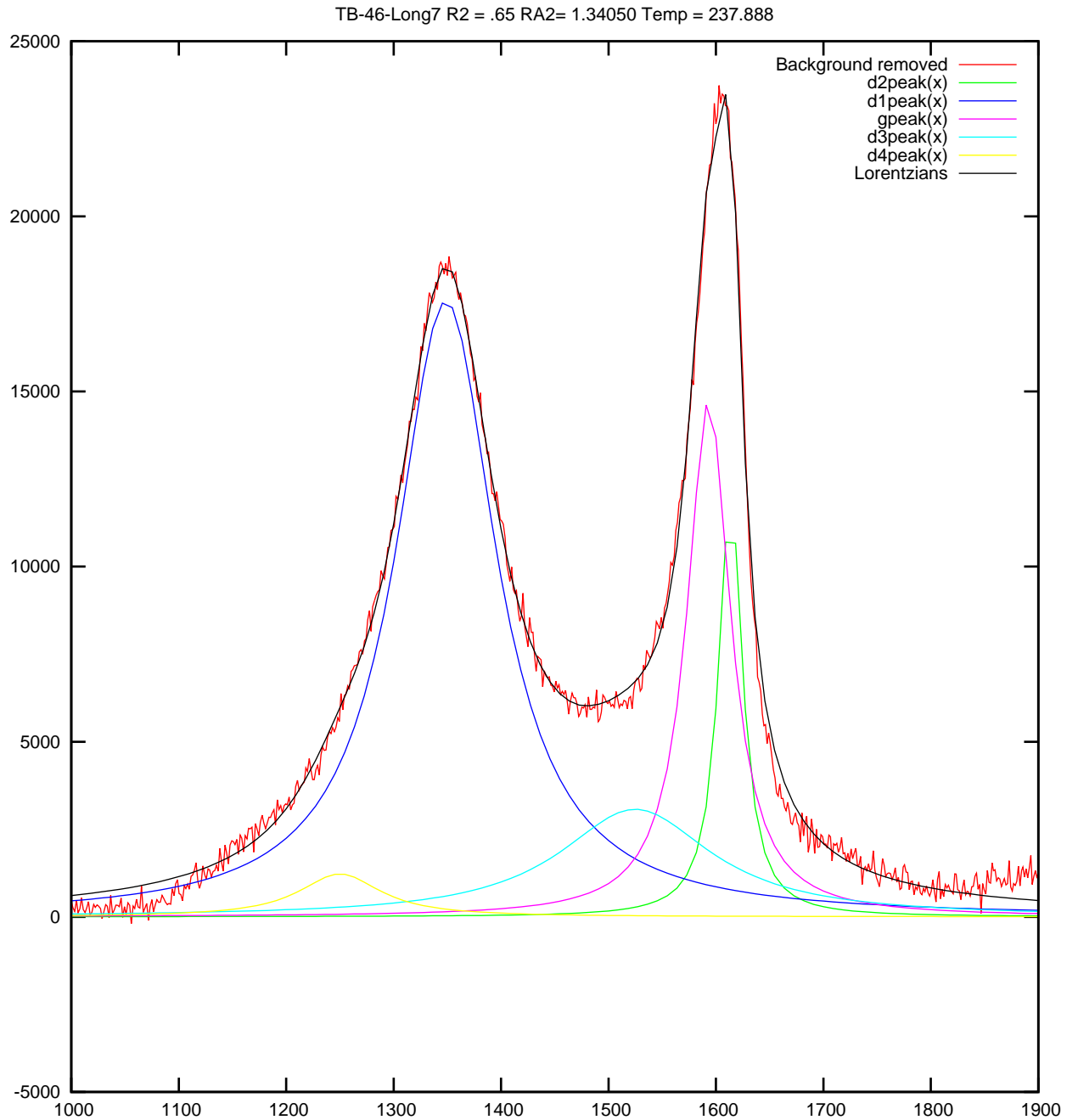
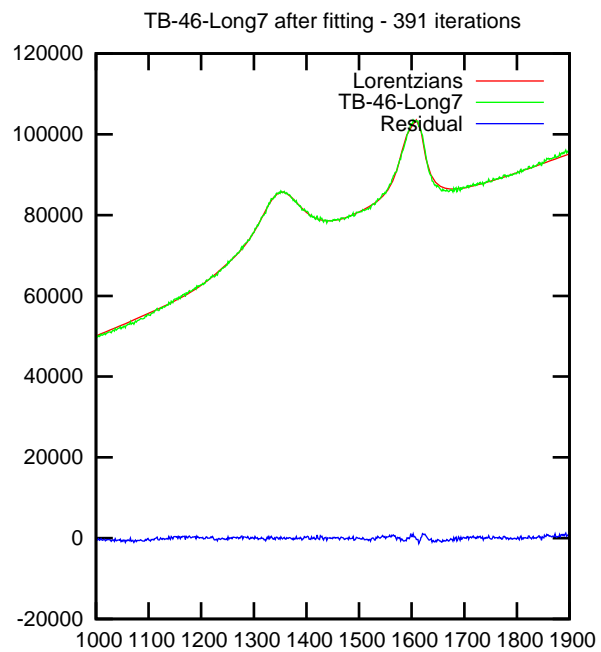
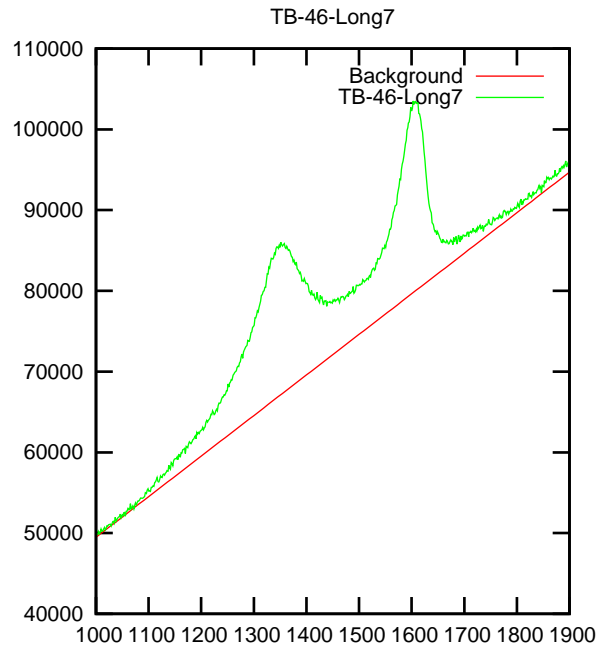




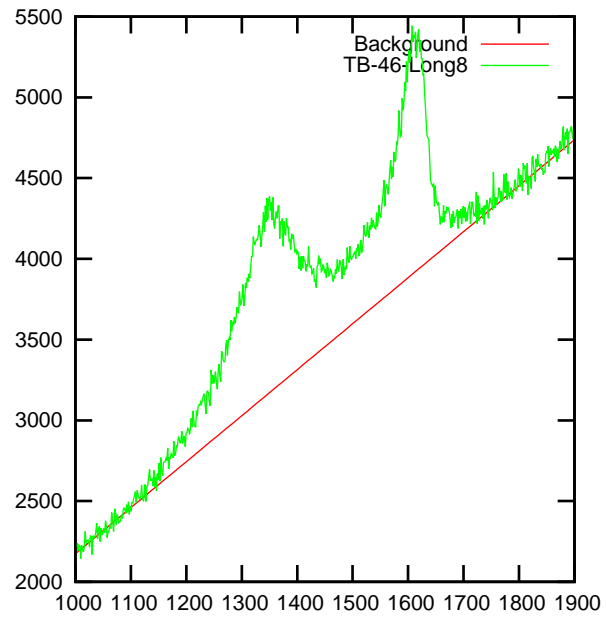




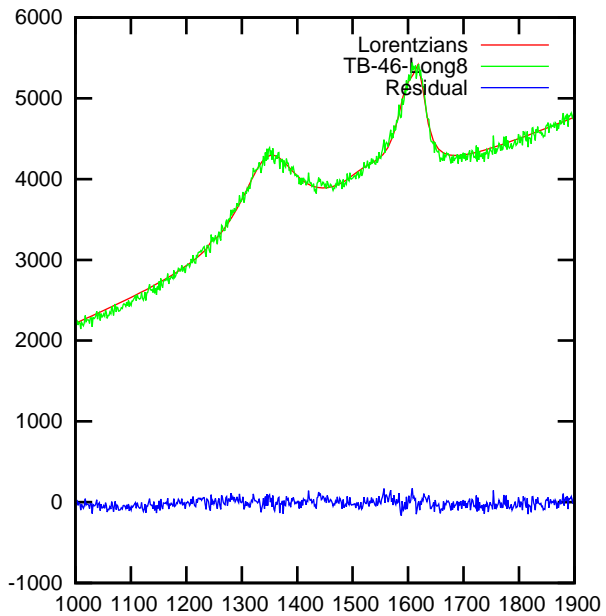




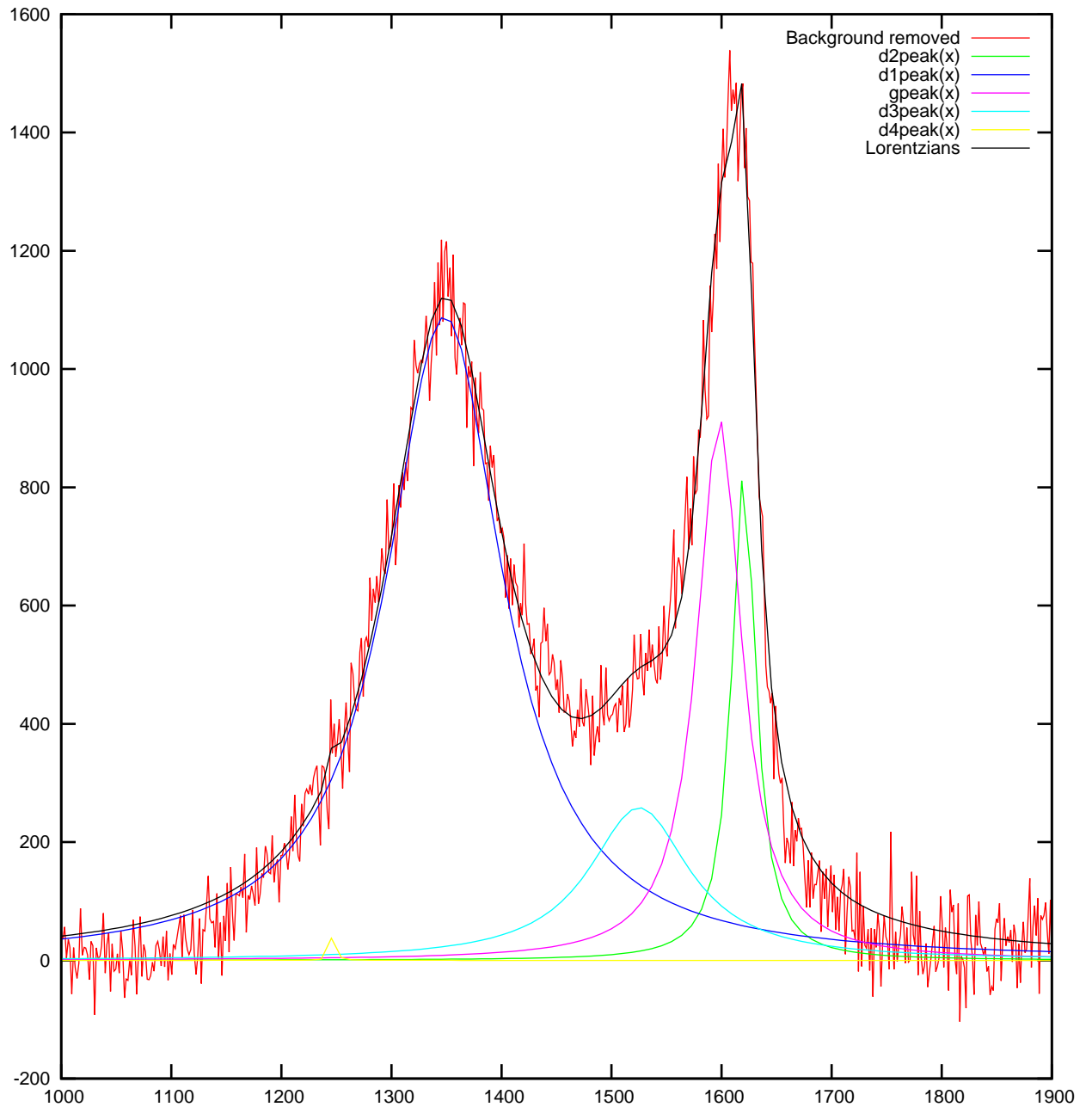
TB-46-Long8

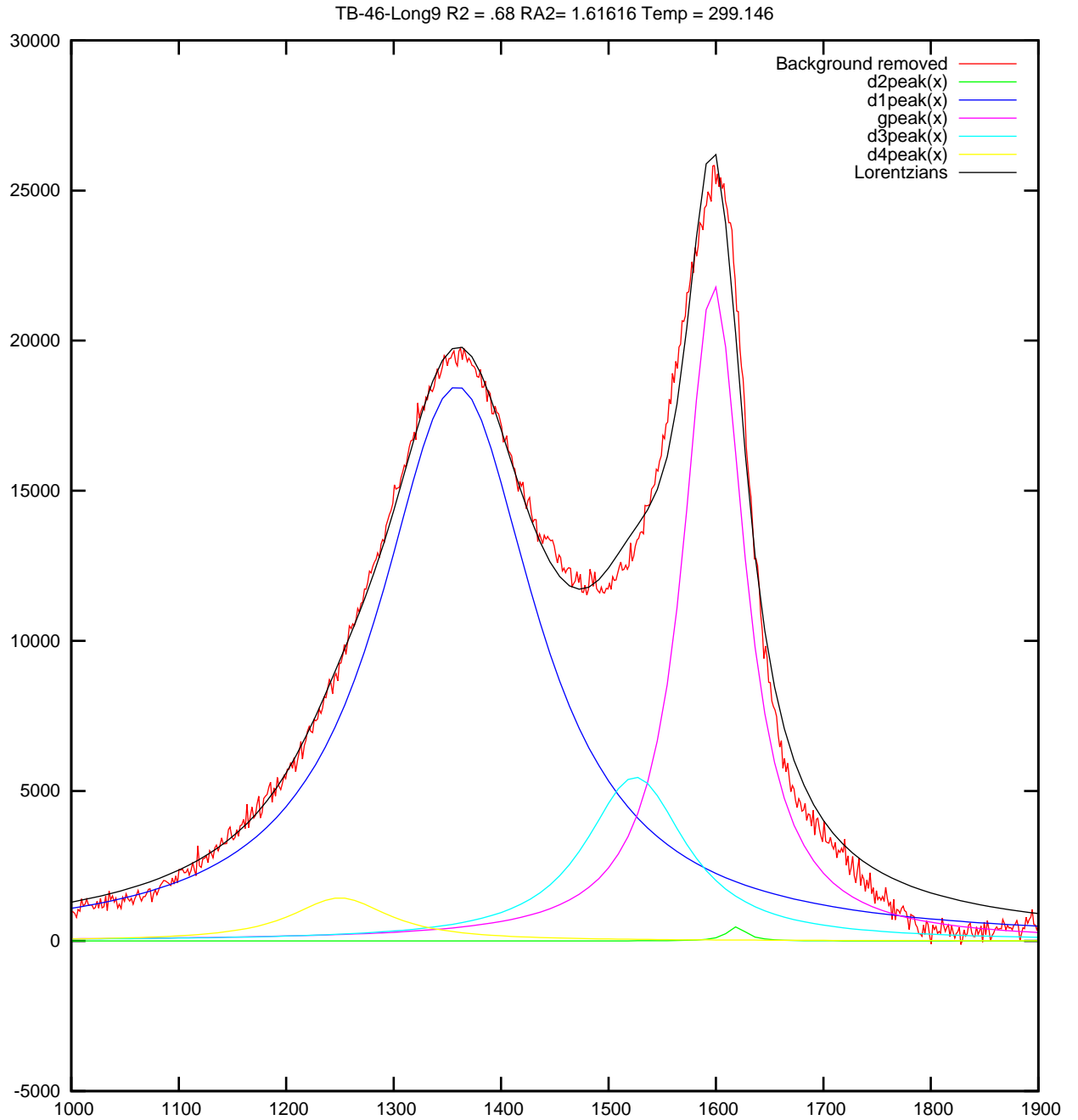
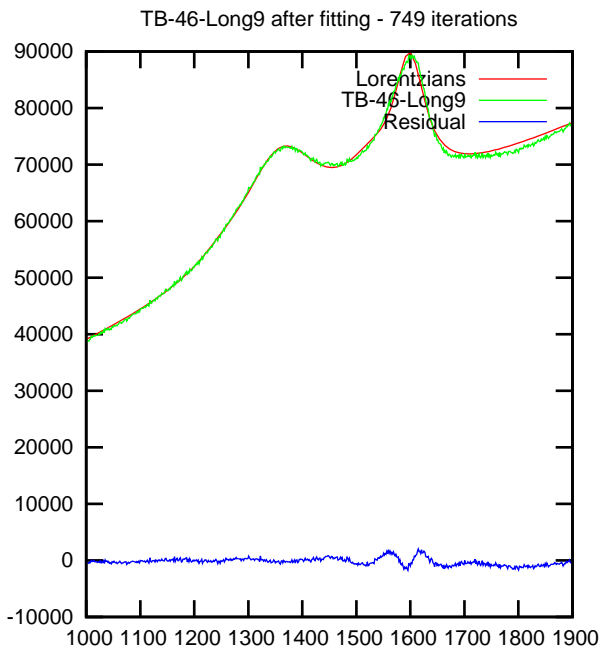
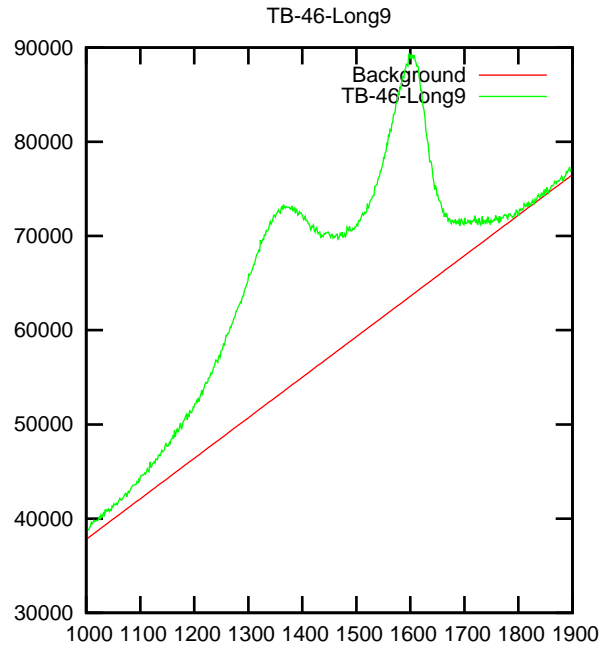


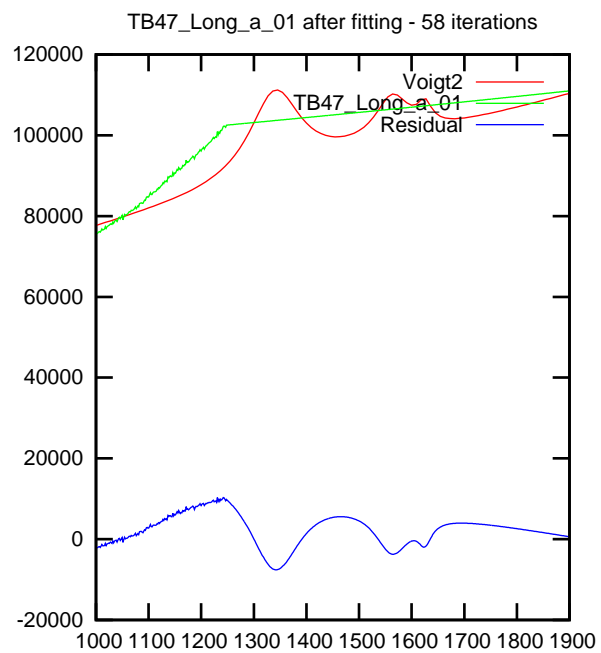
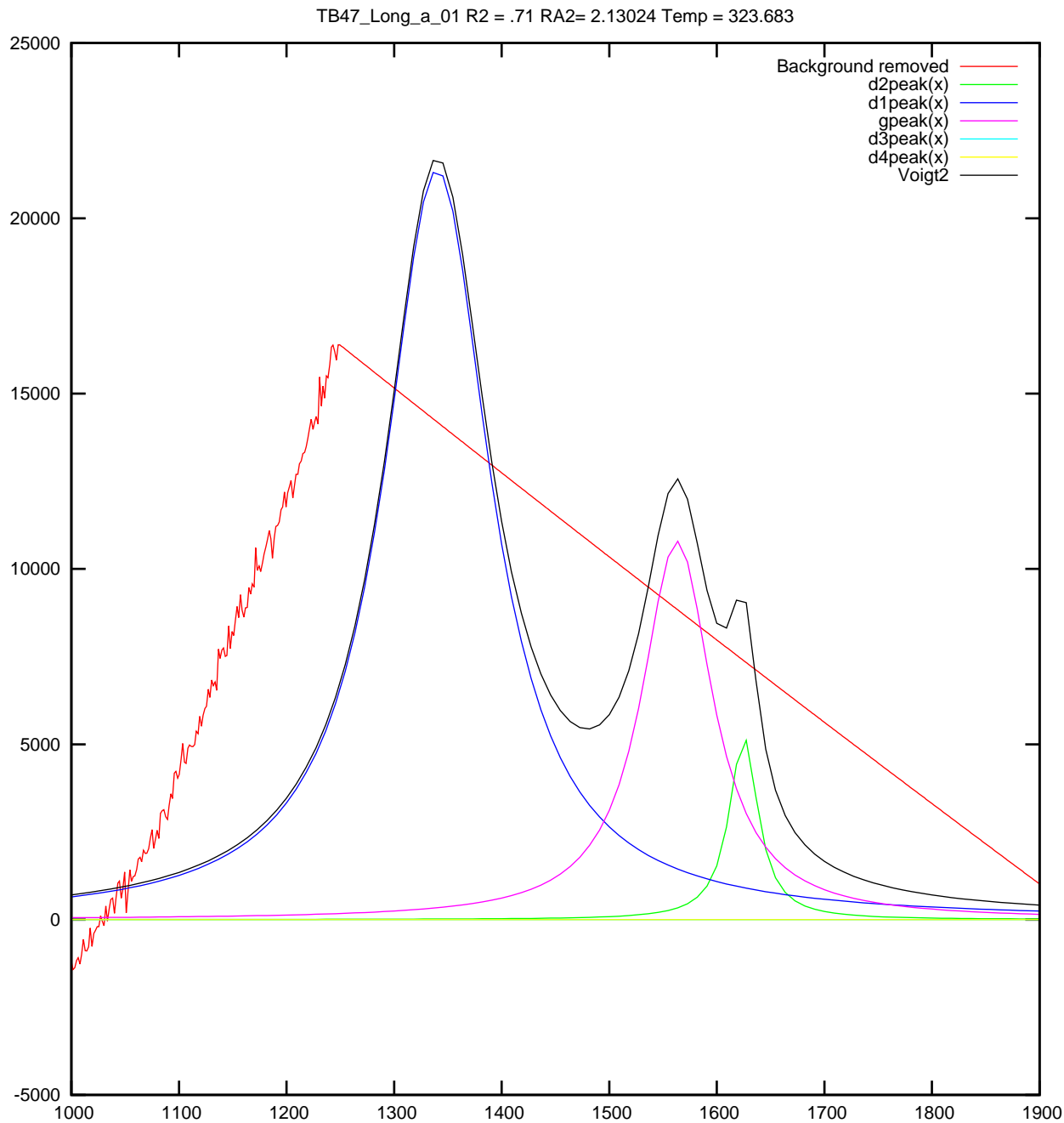
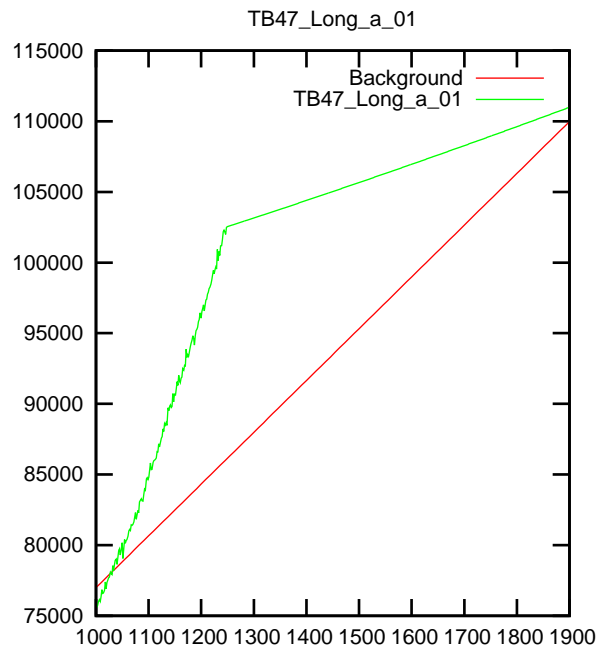
TB-46-Long8 after fitting - 279 iterations

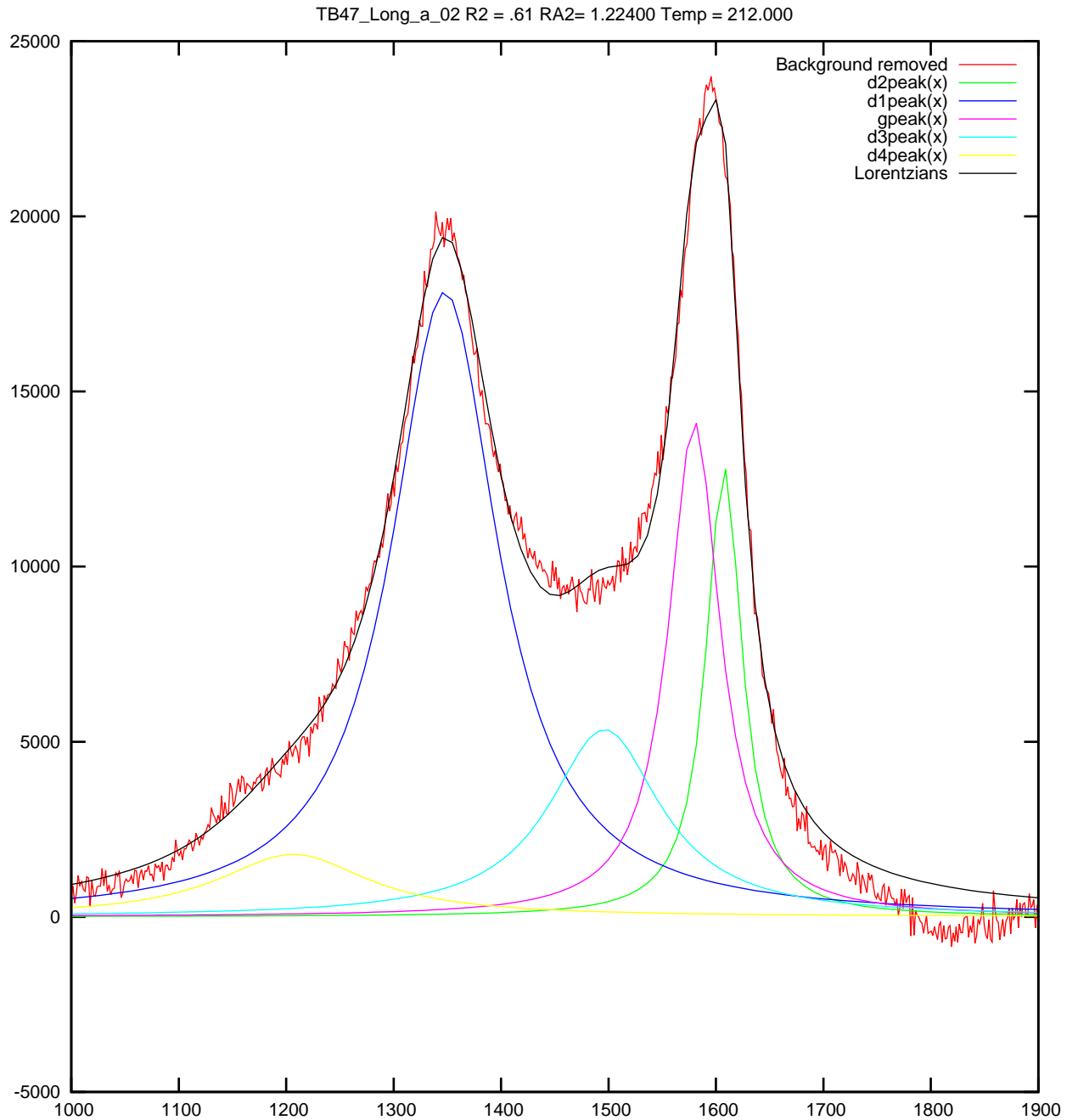
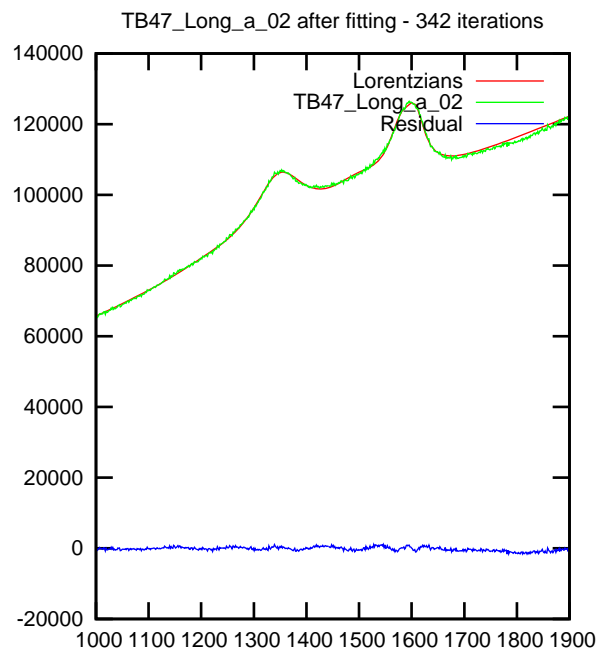
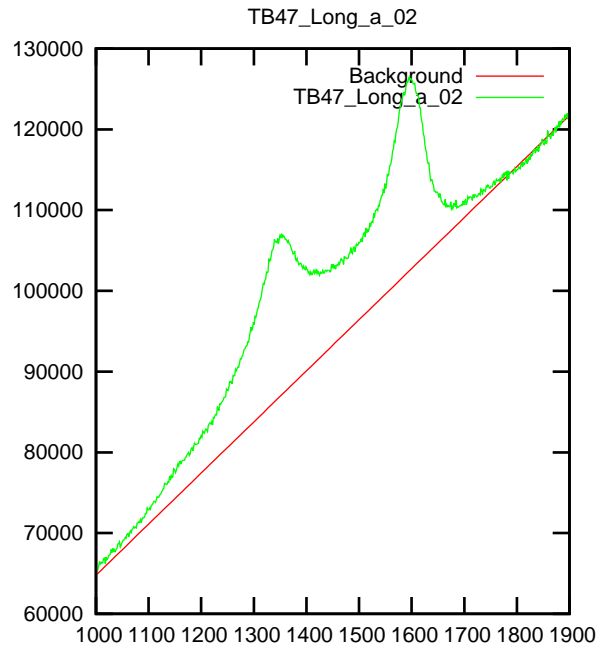


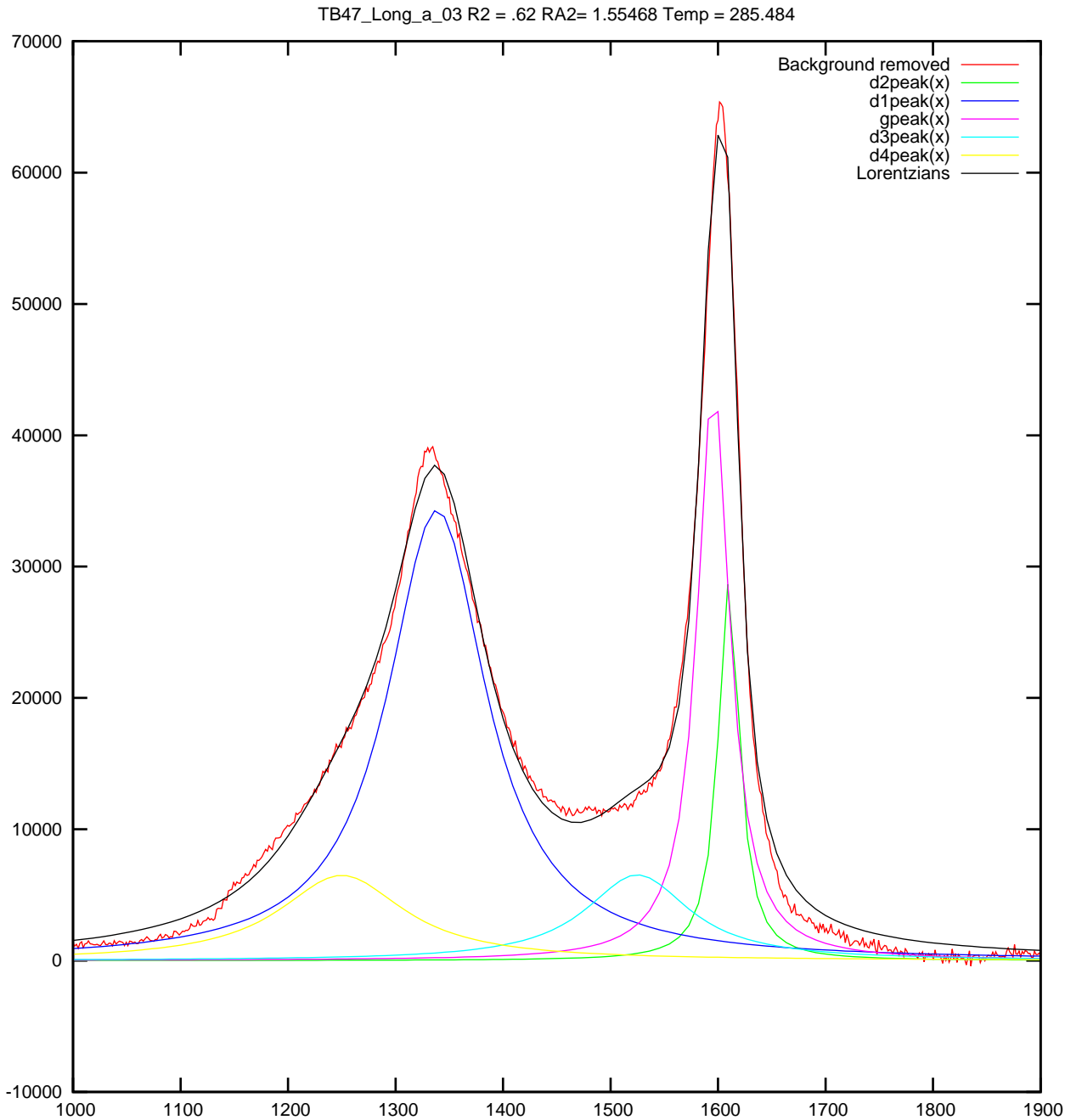
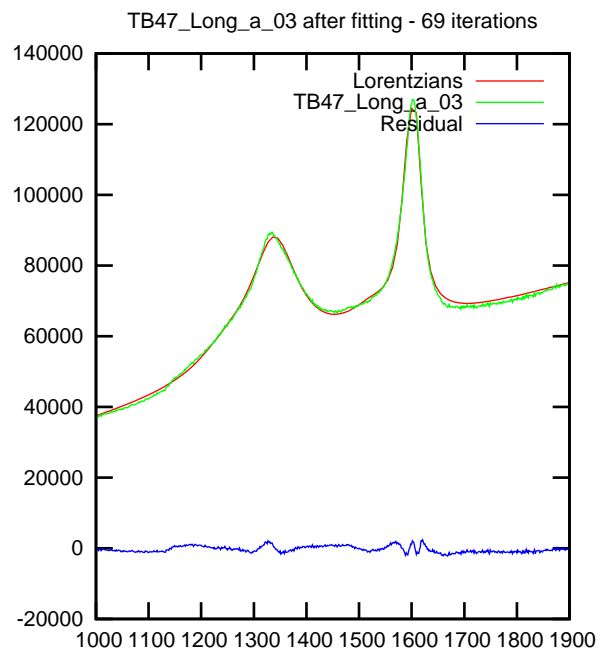
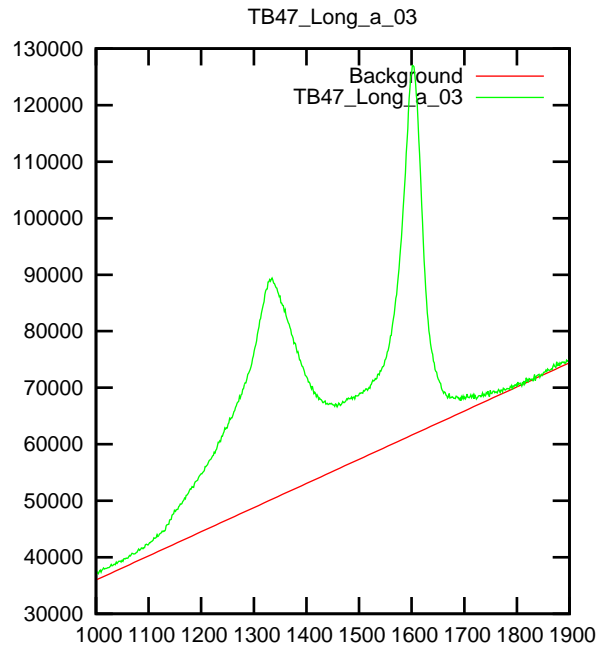
TB-46-Long8 R2 = .67 RA2= 1.47891 Temp = 268.646

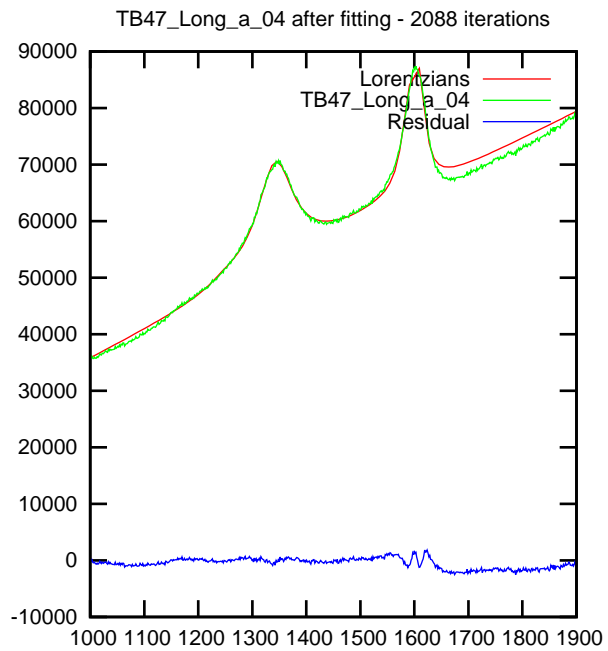
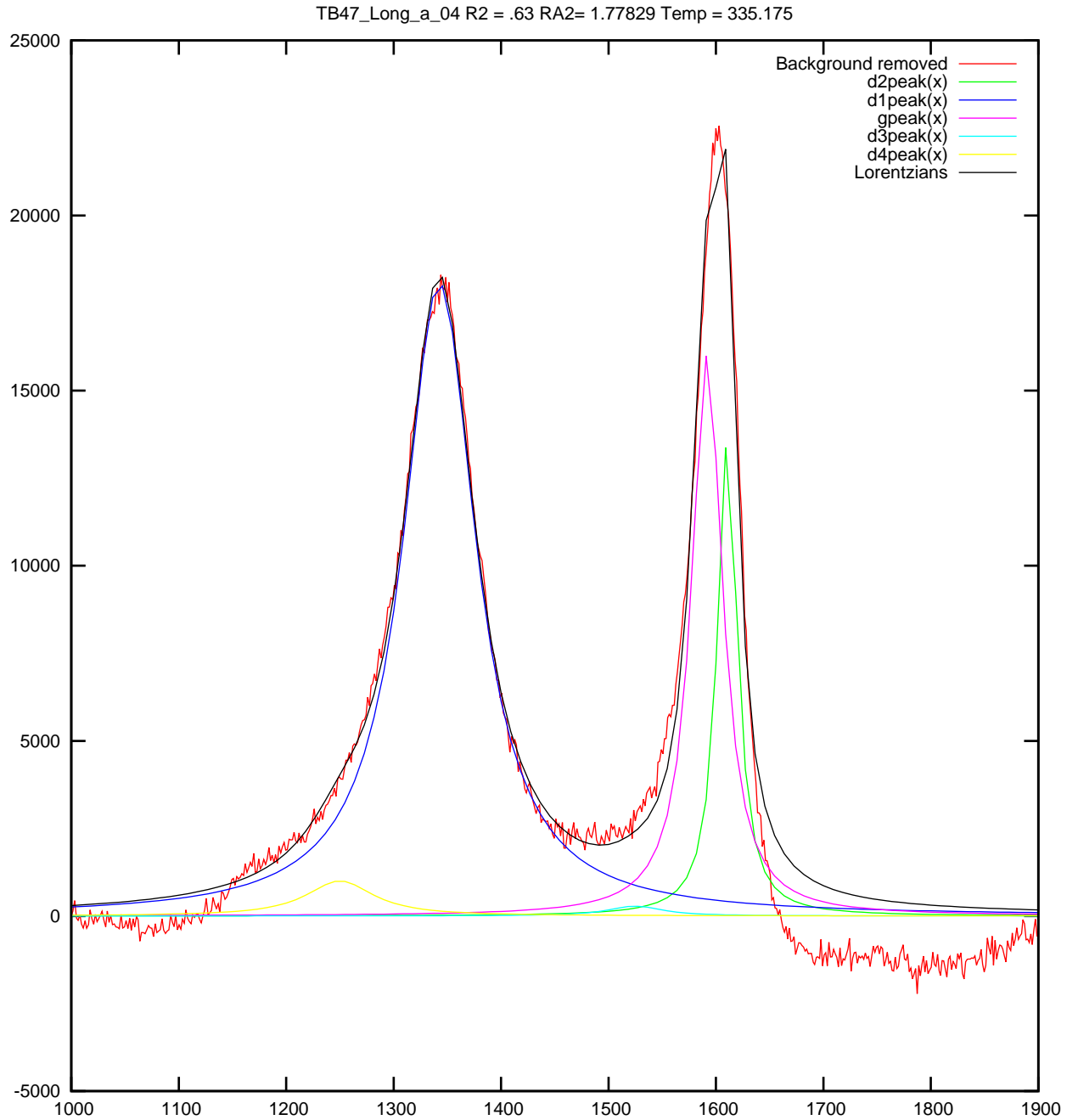
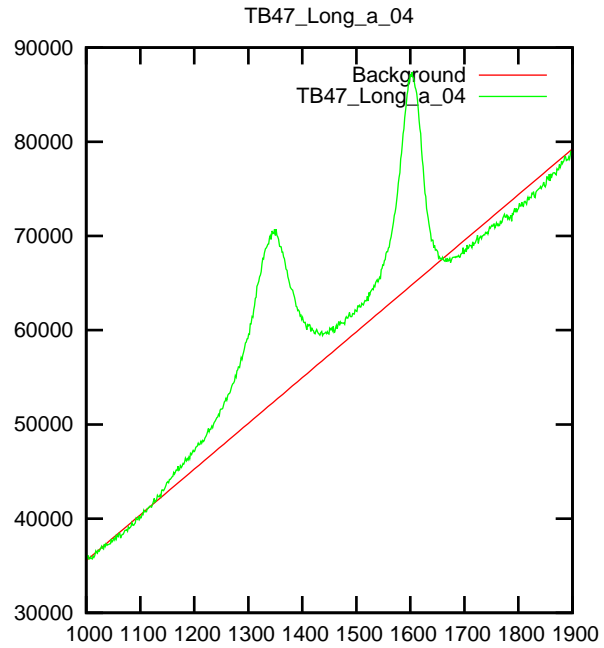


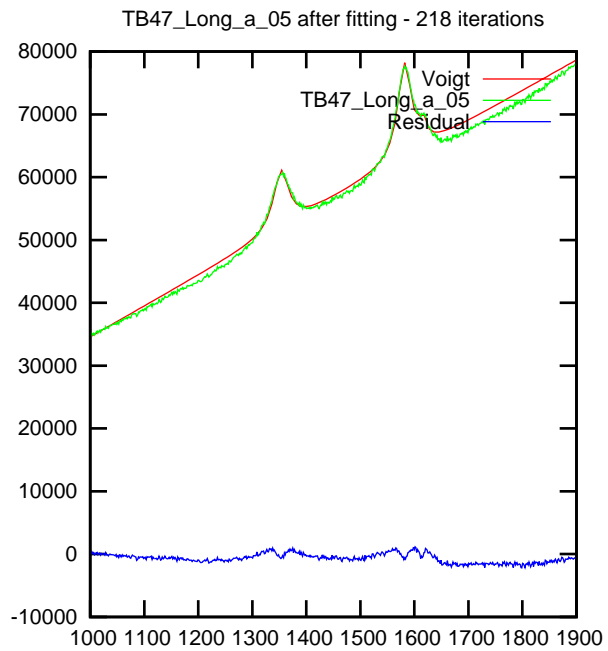
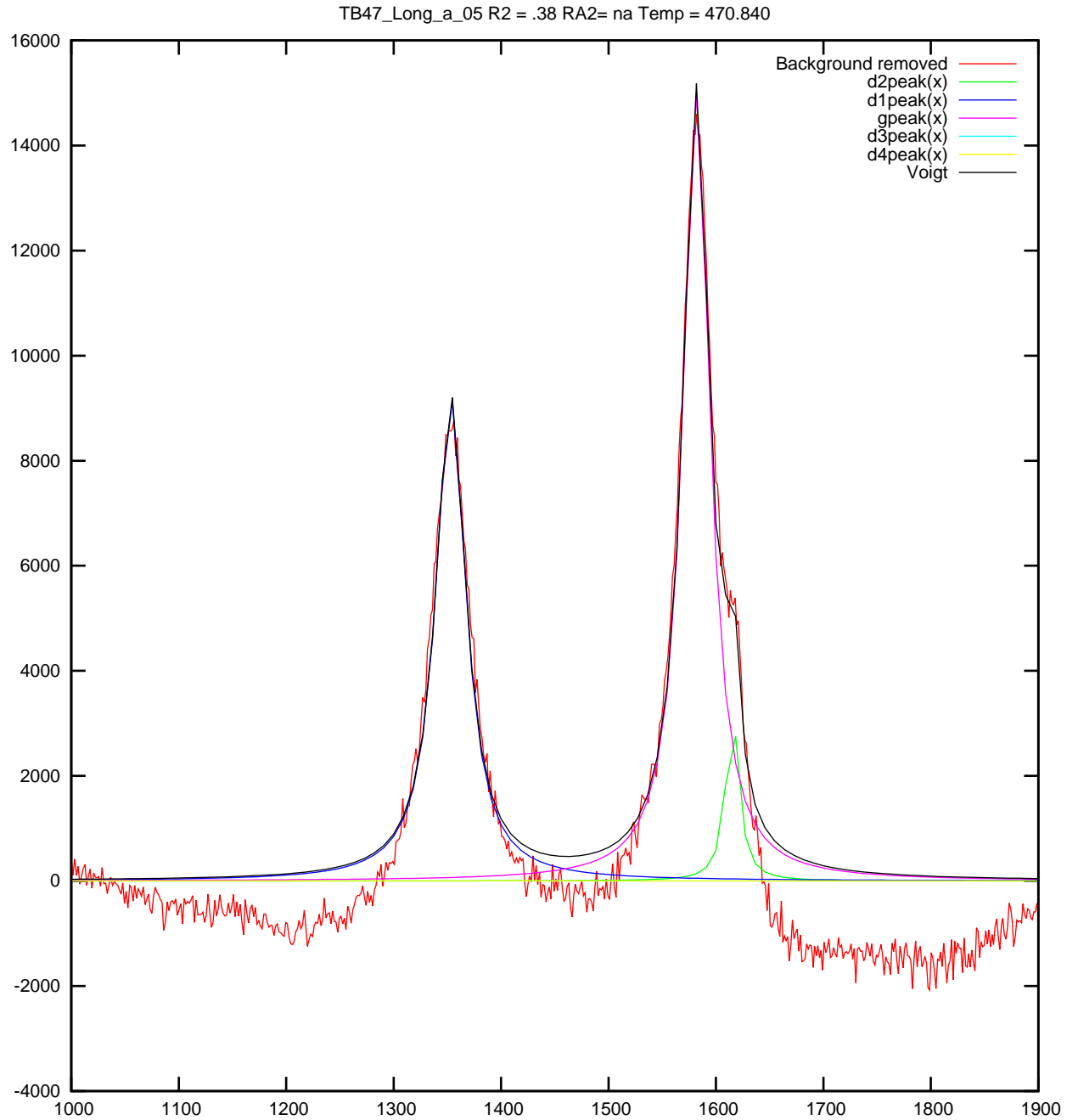
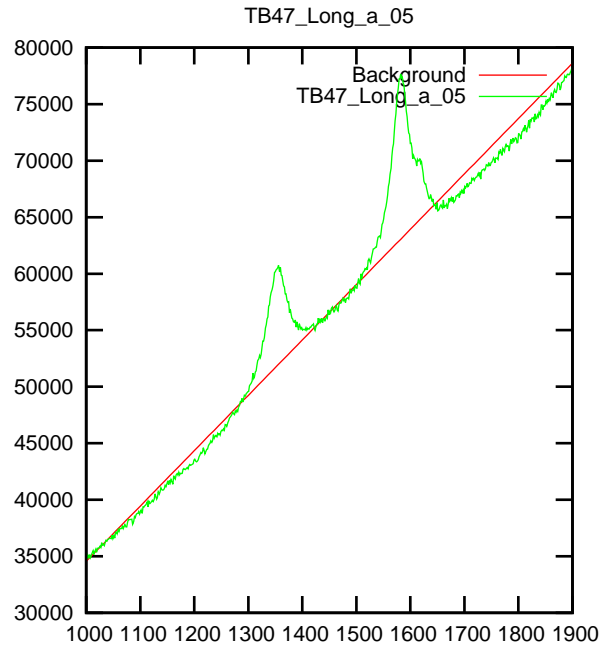


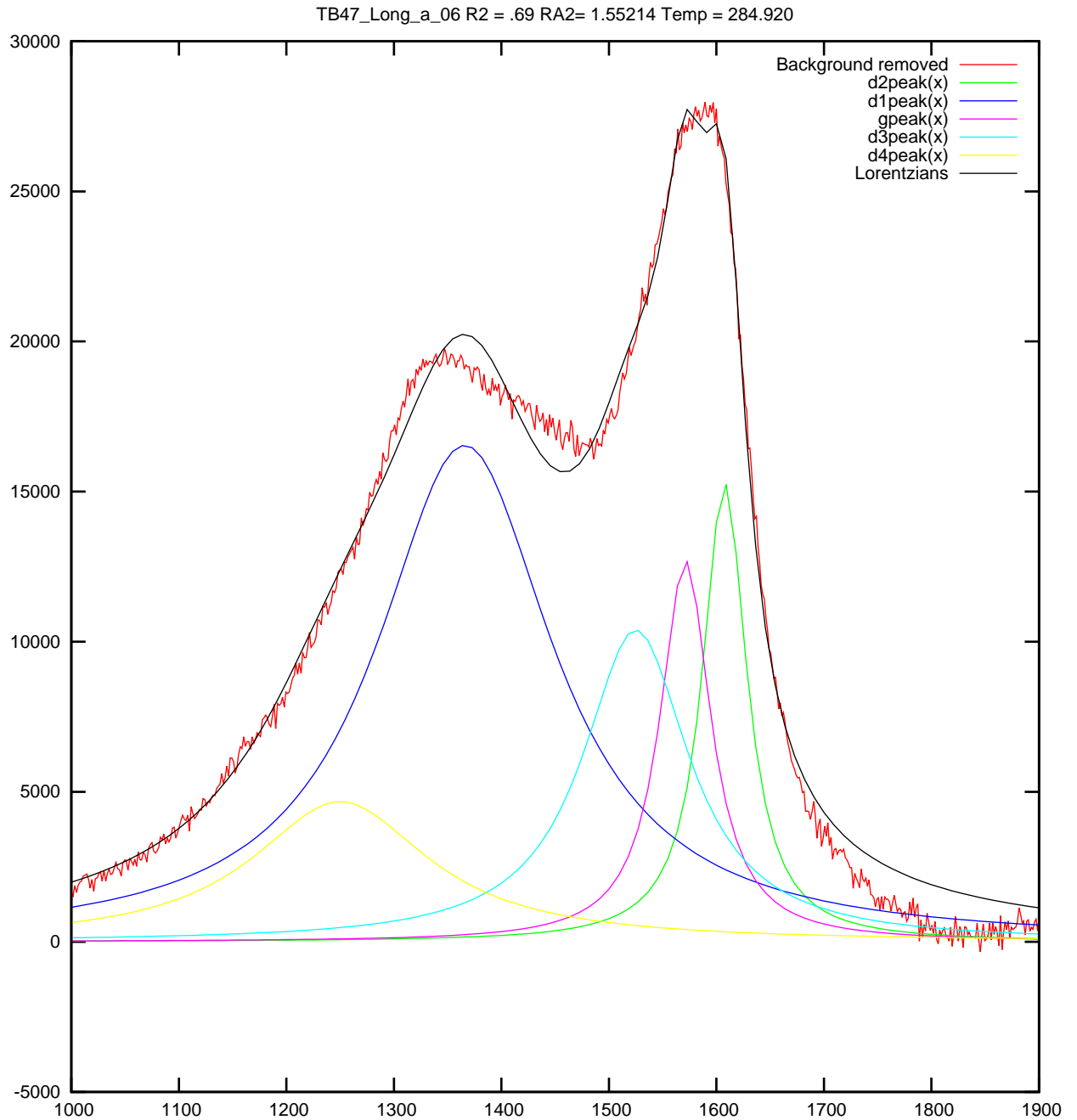
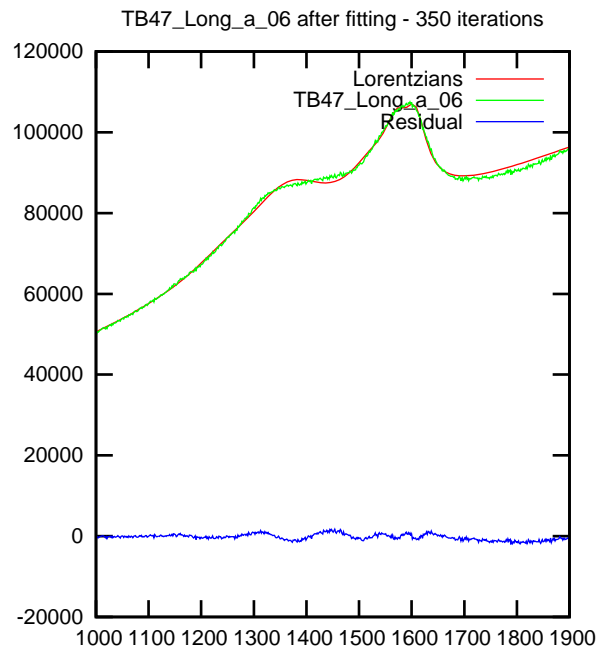
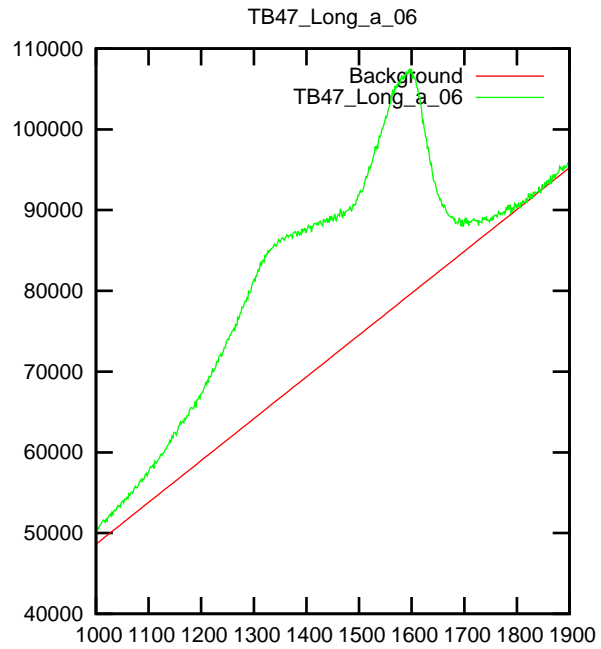


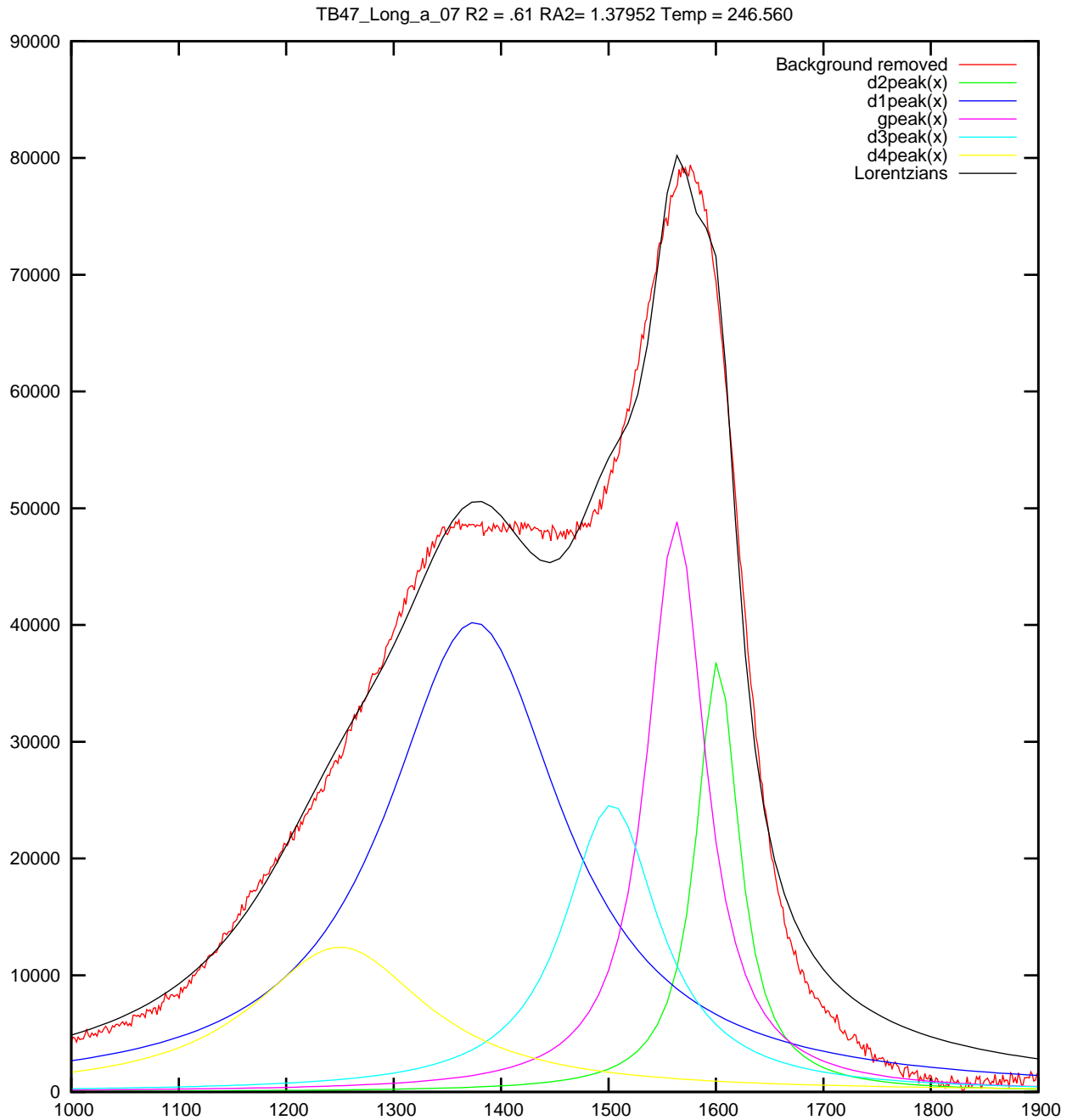
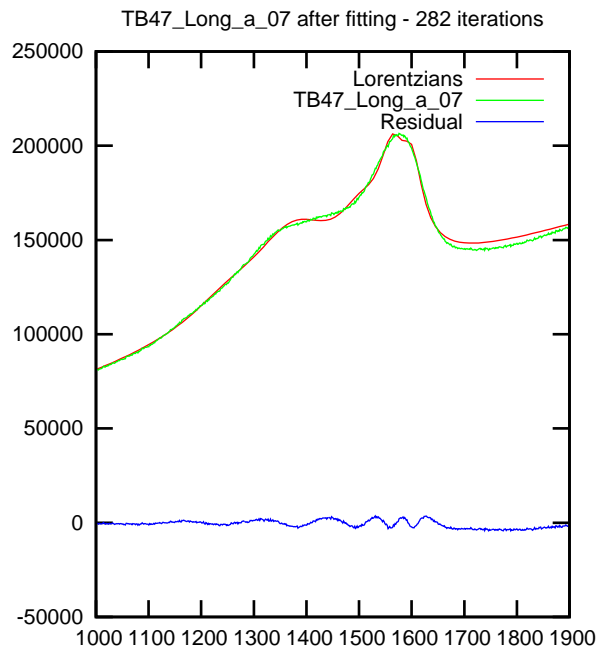
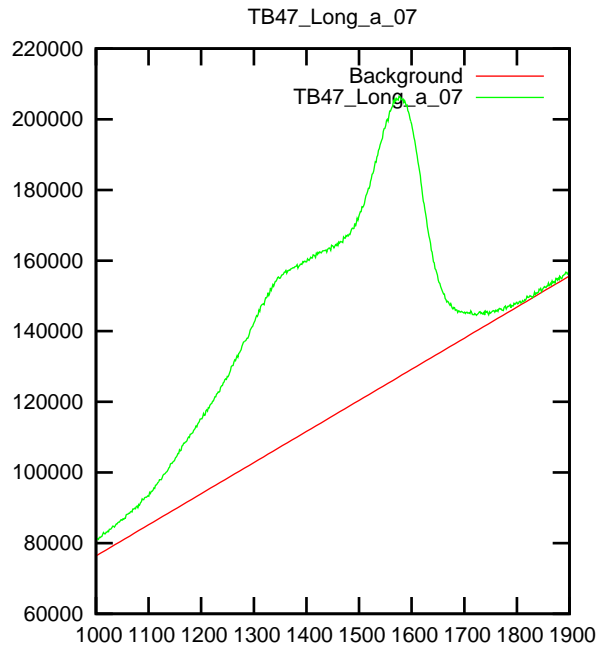


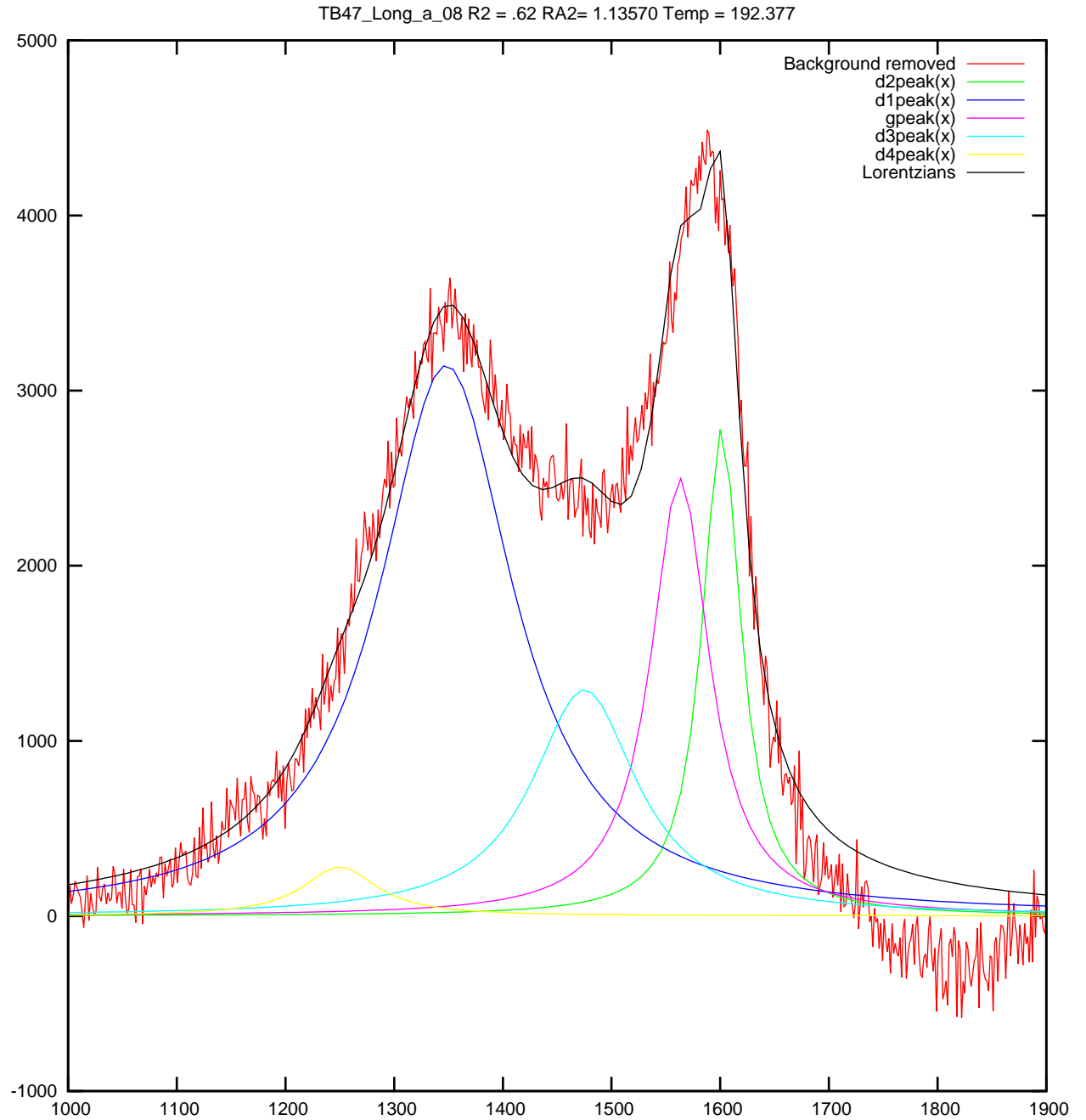
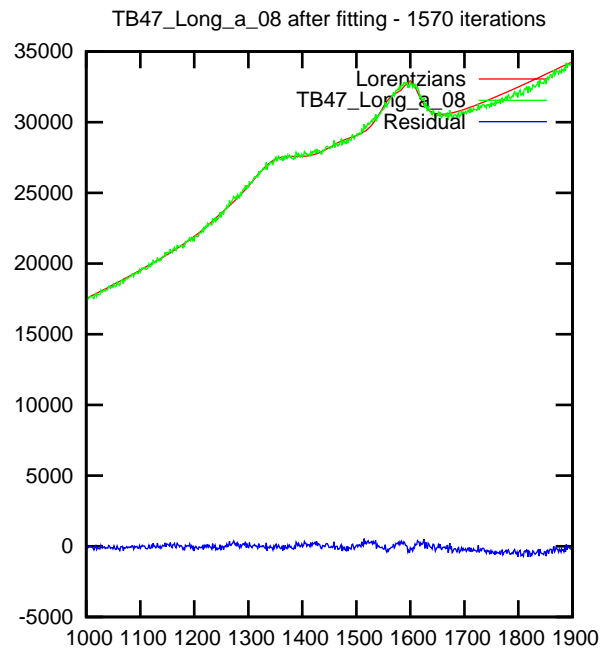
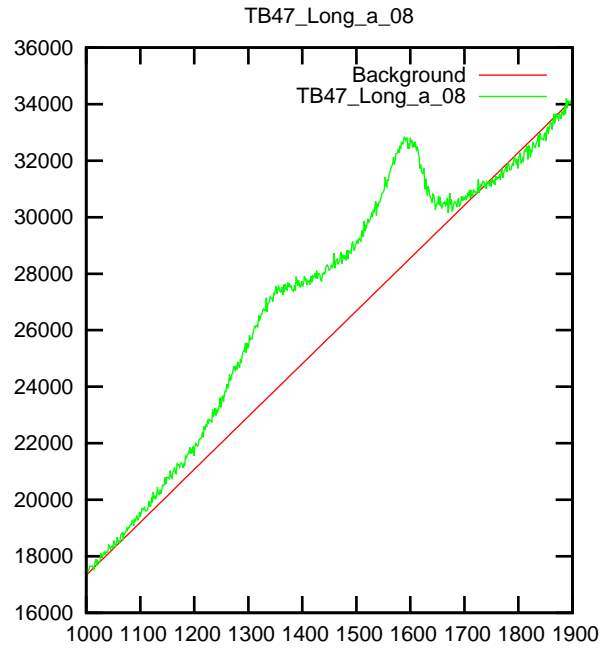


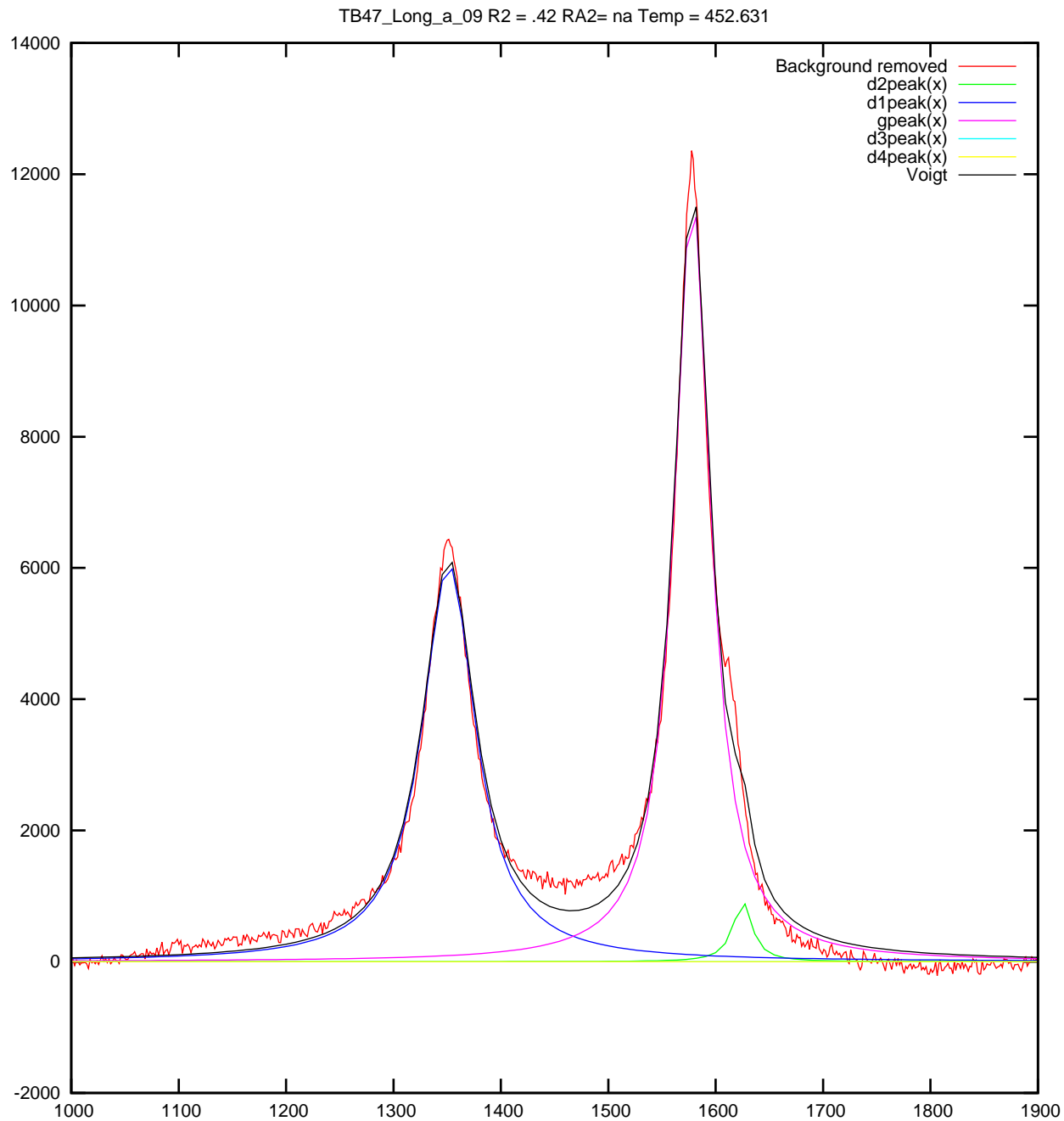
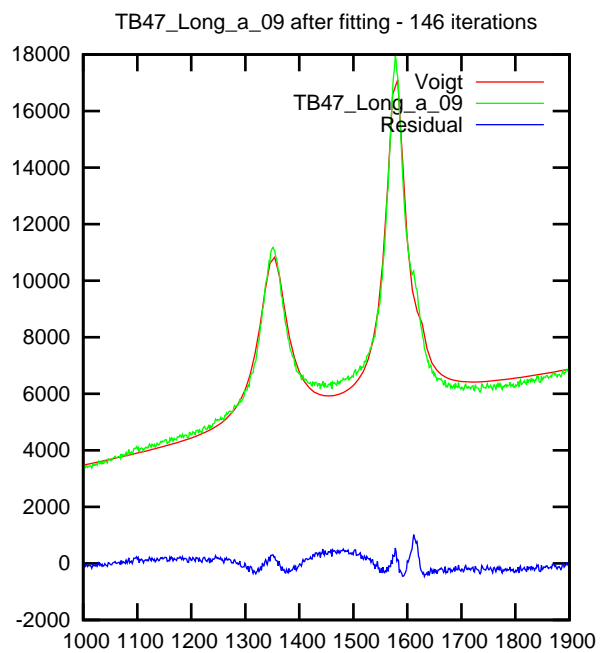
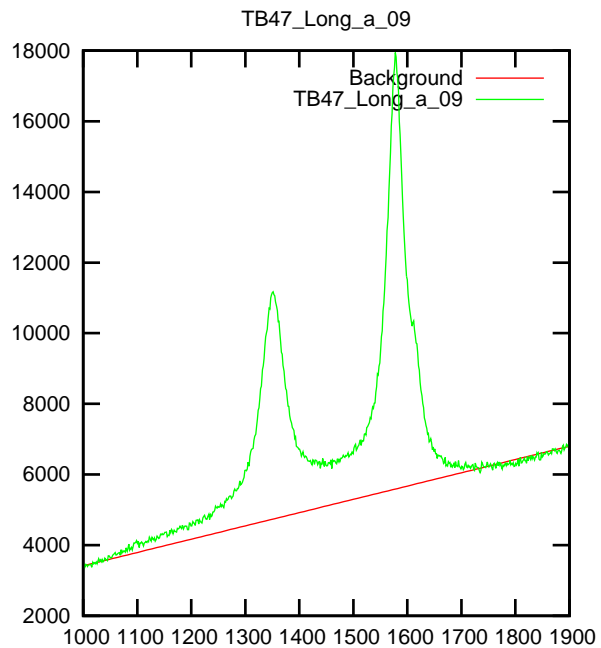




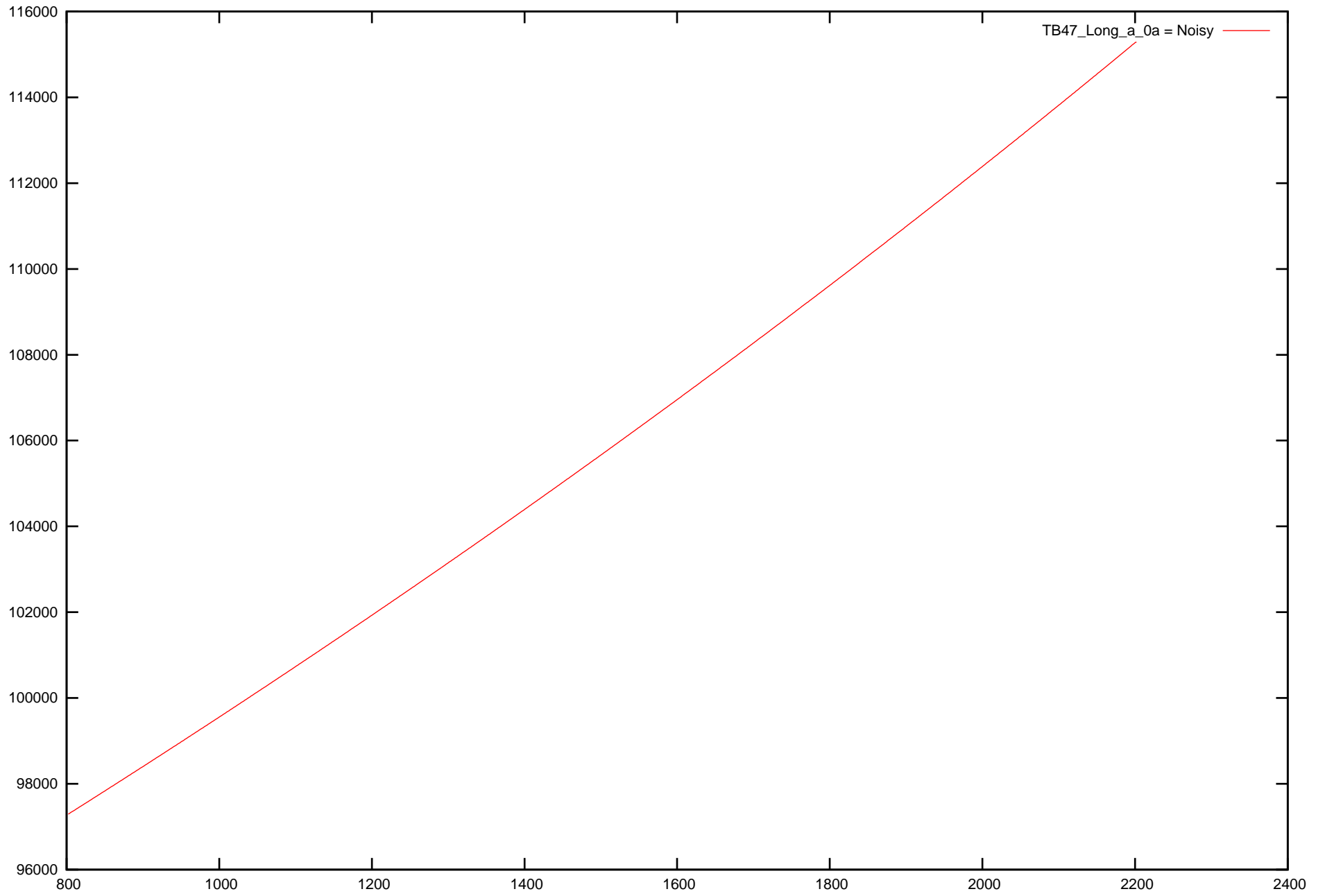


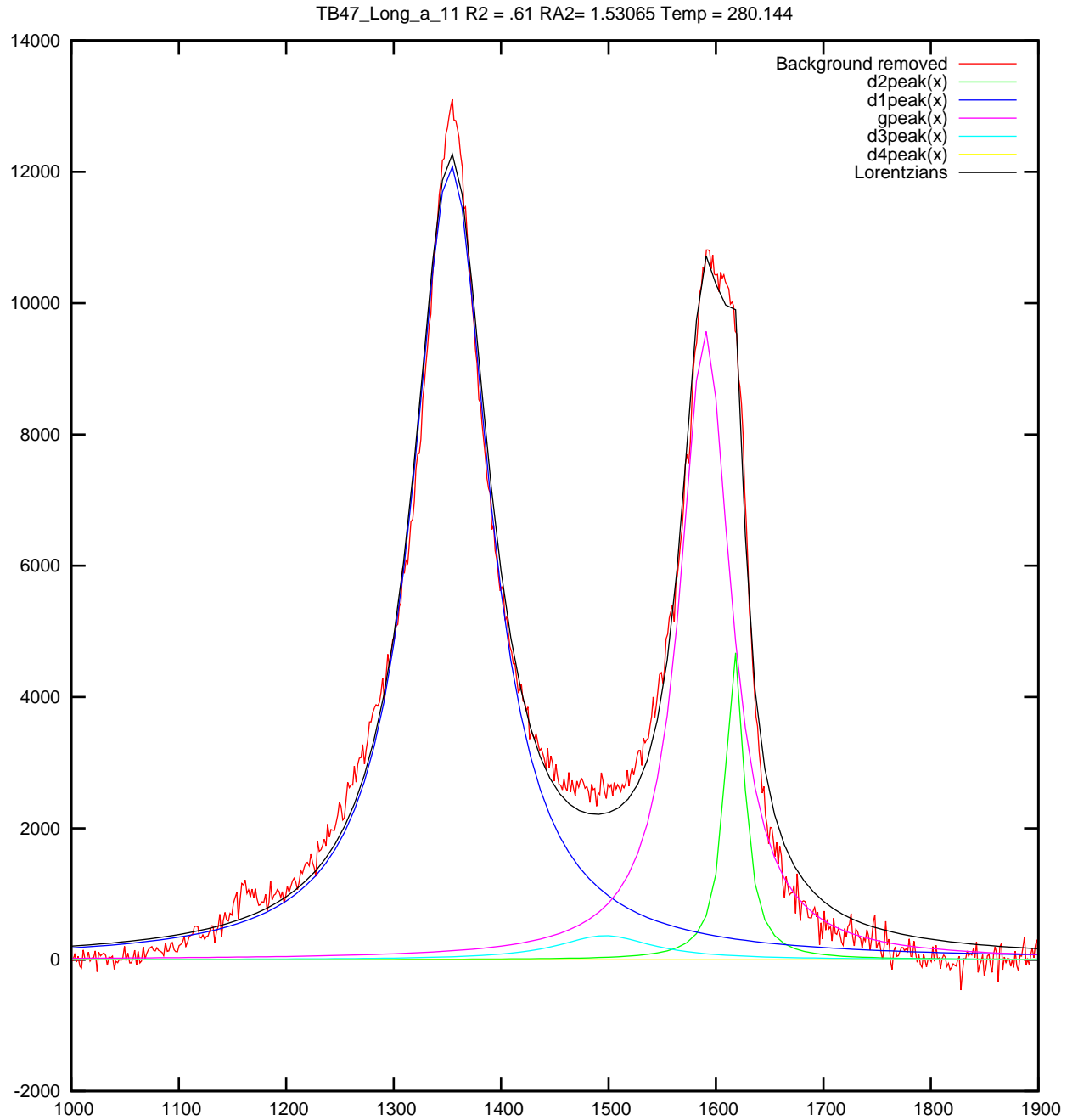
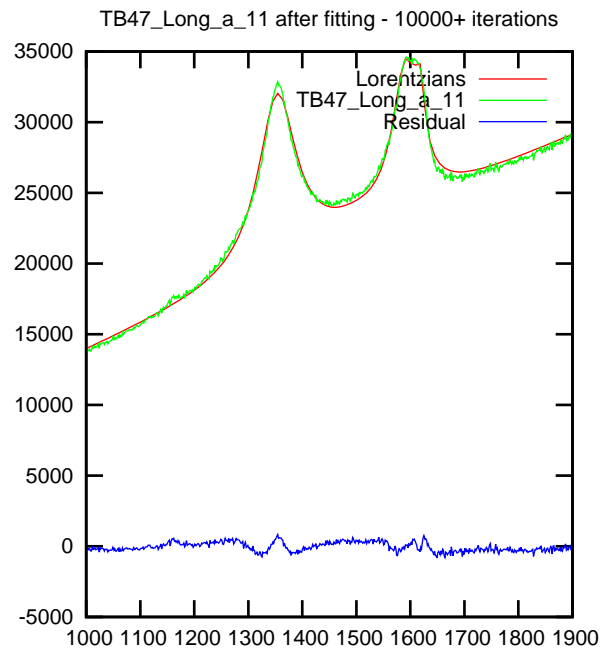
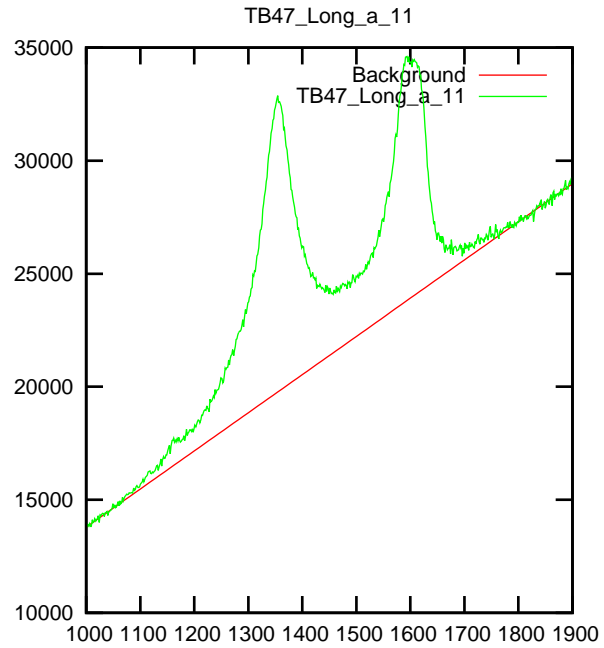


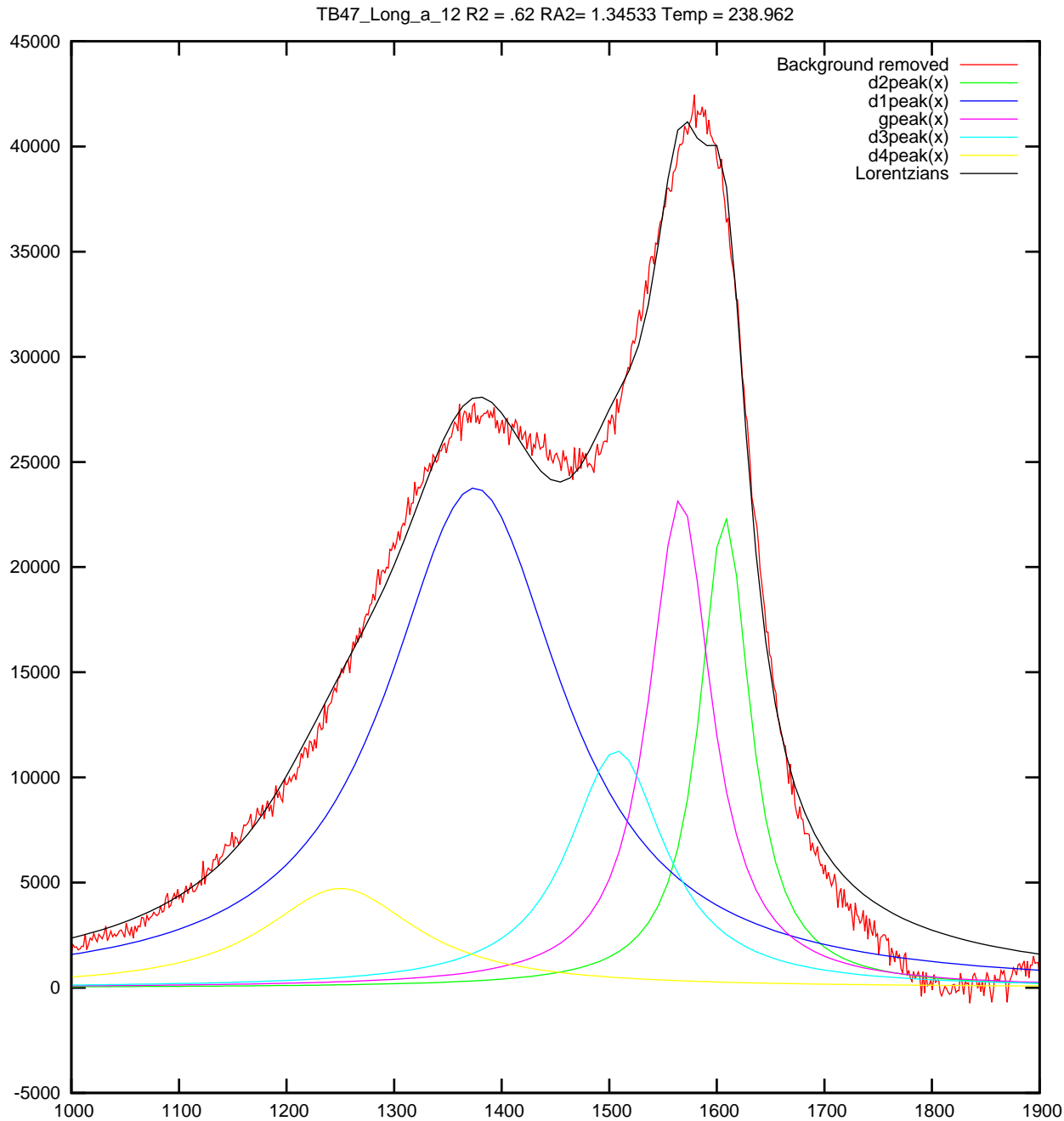
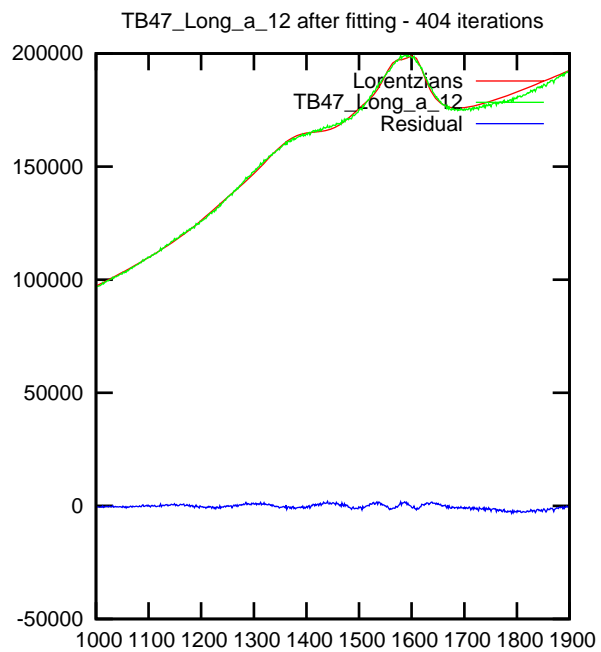
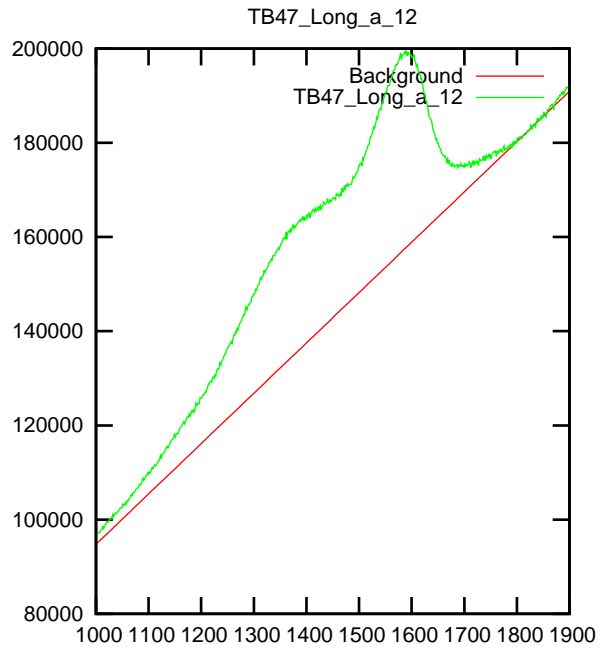


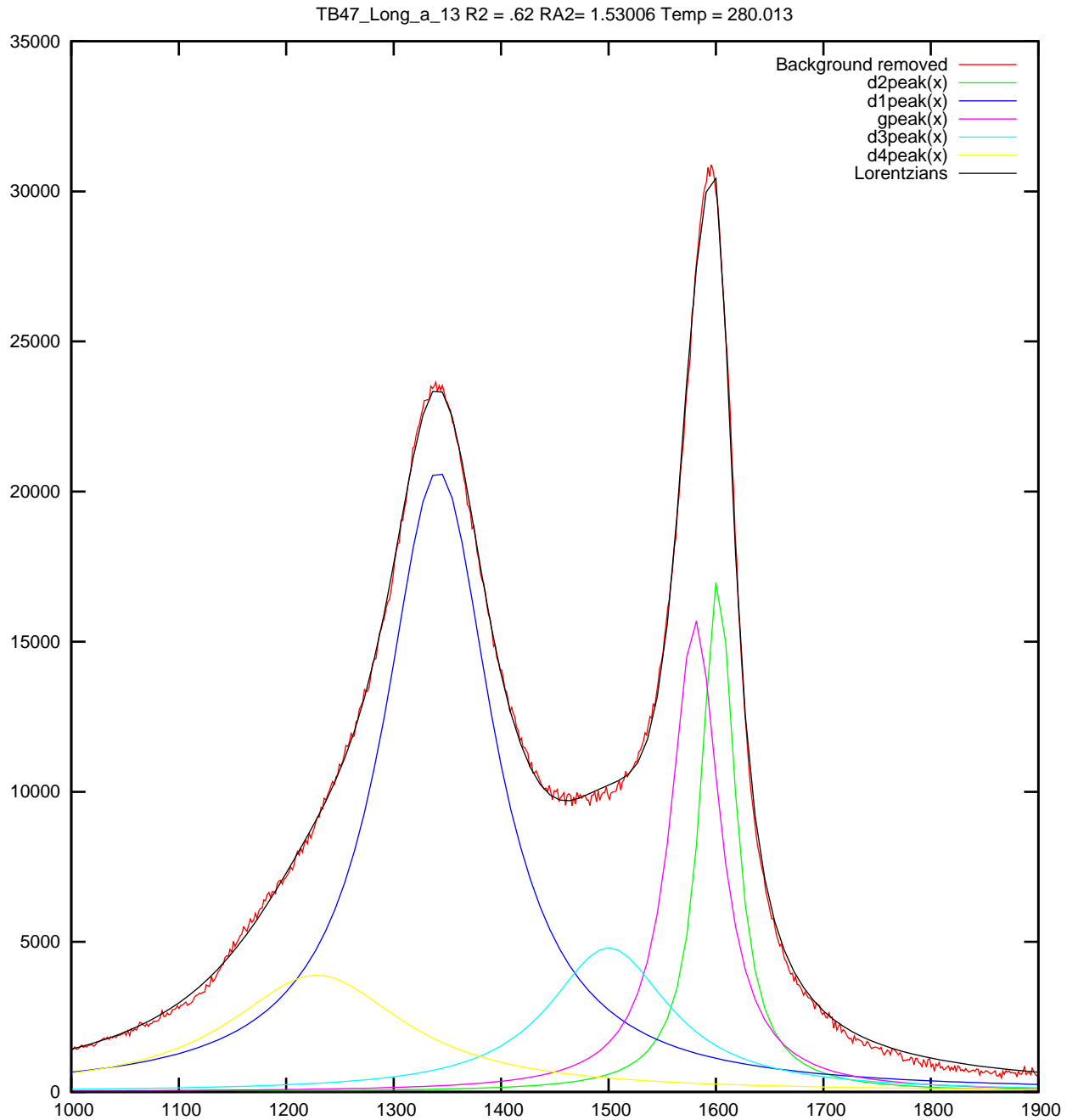
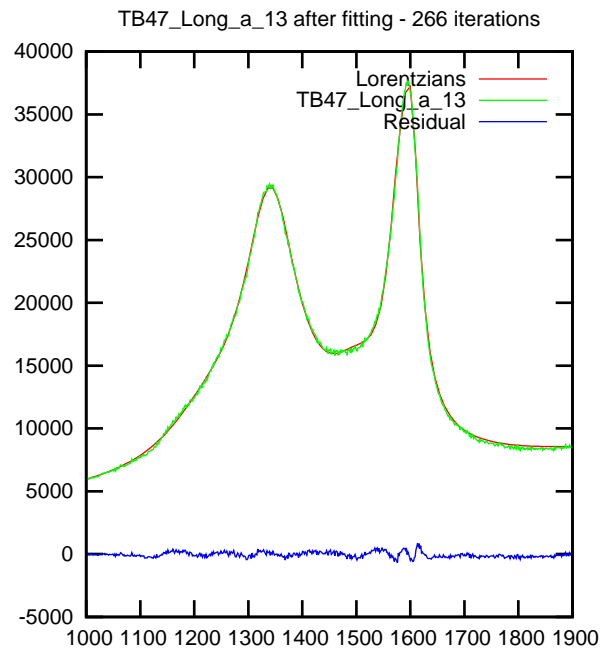
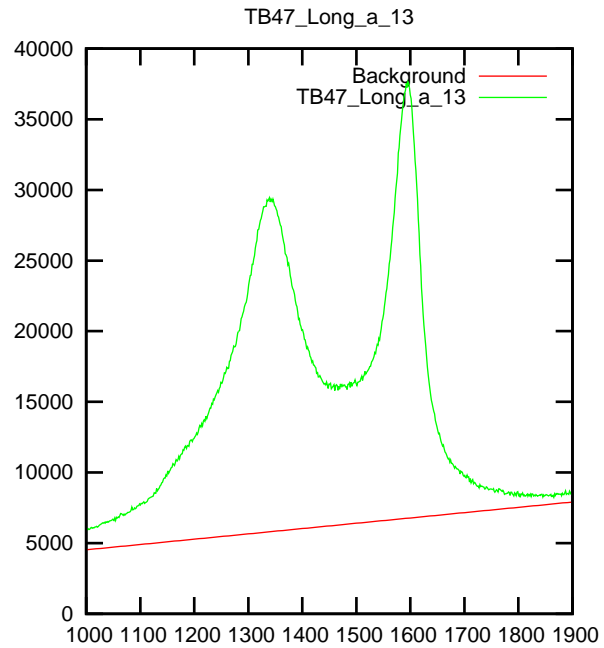


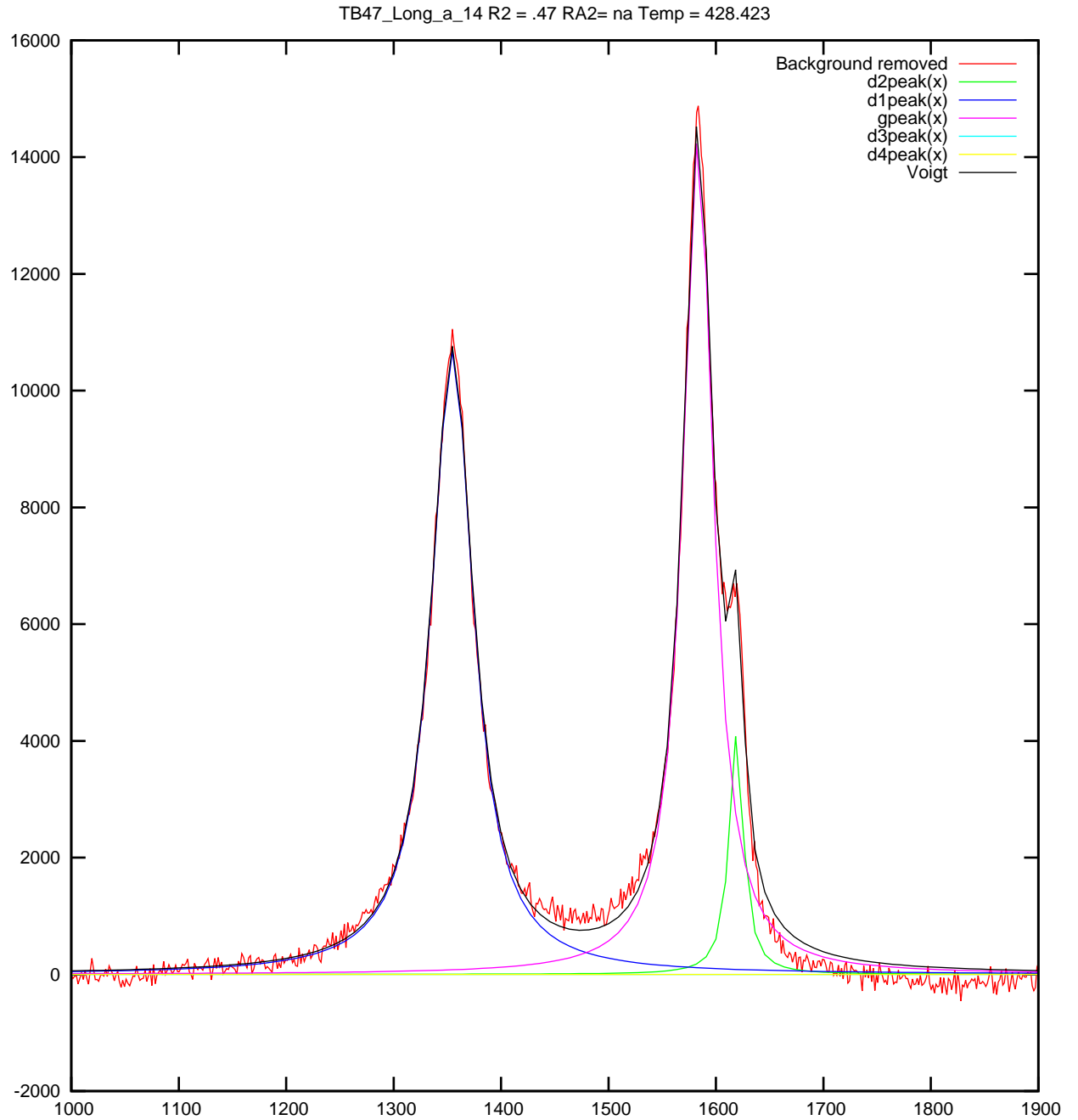
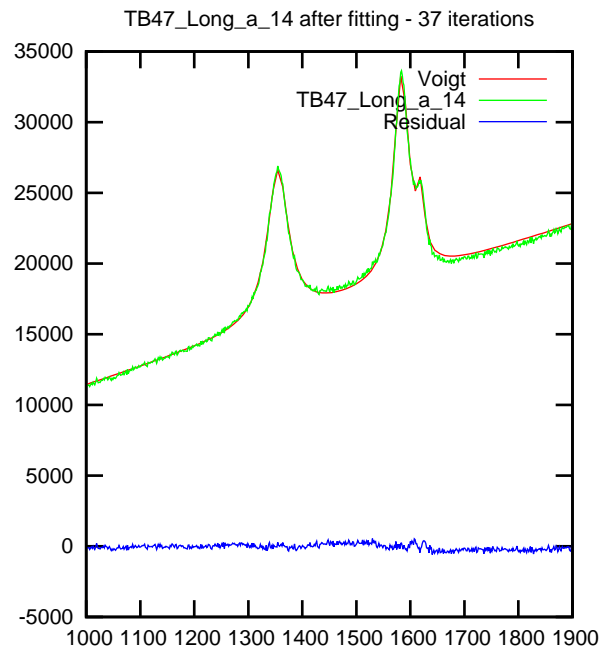
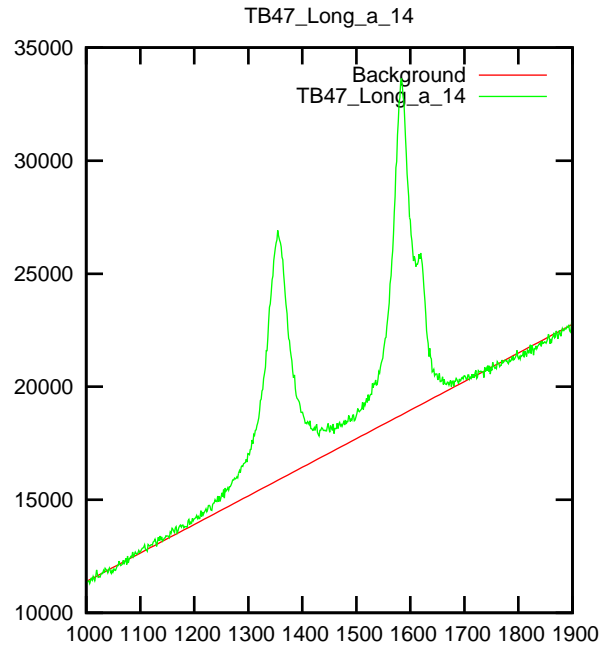
TB47_Long_a_0a = Noisy

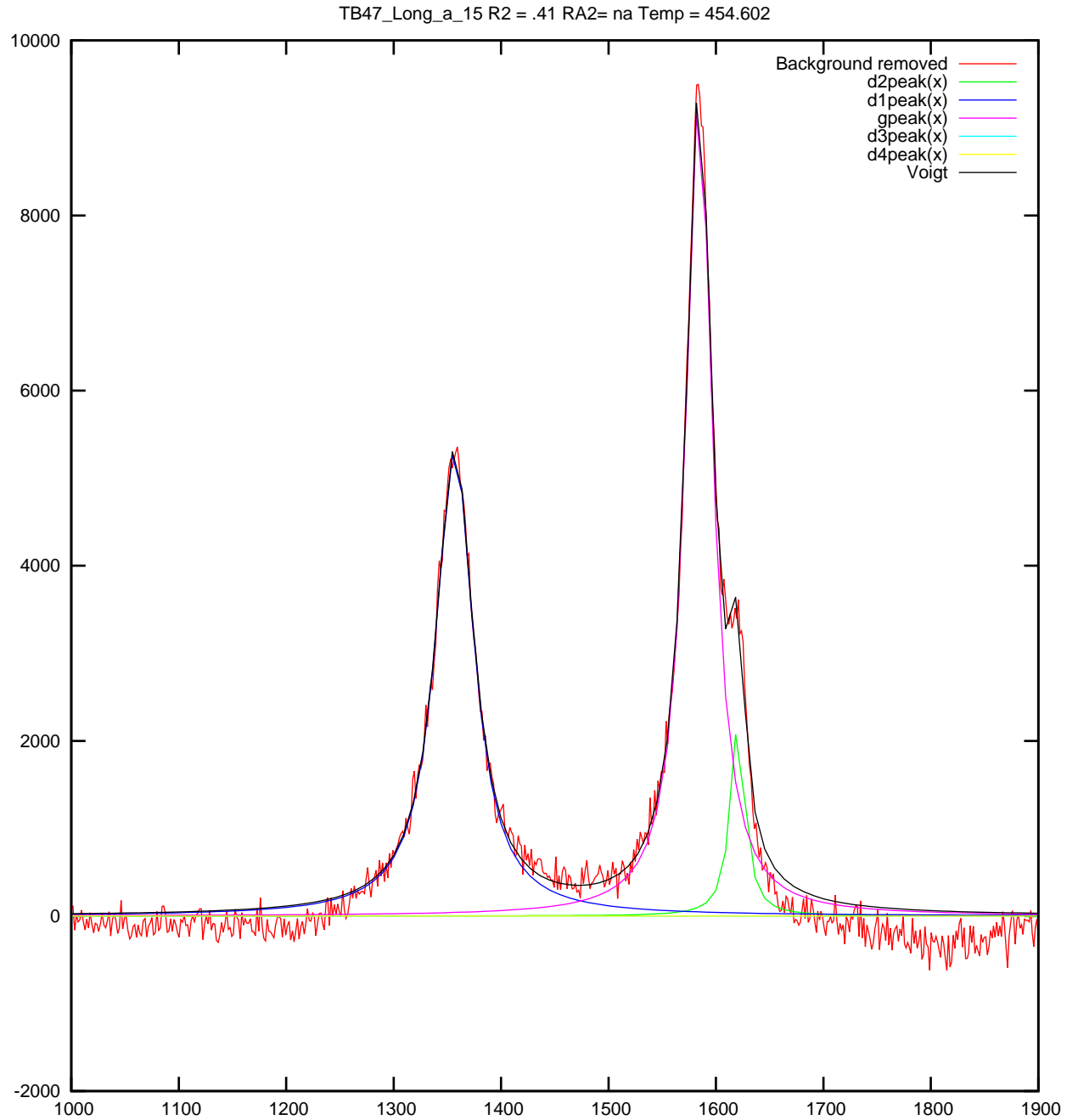
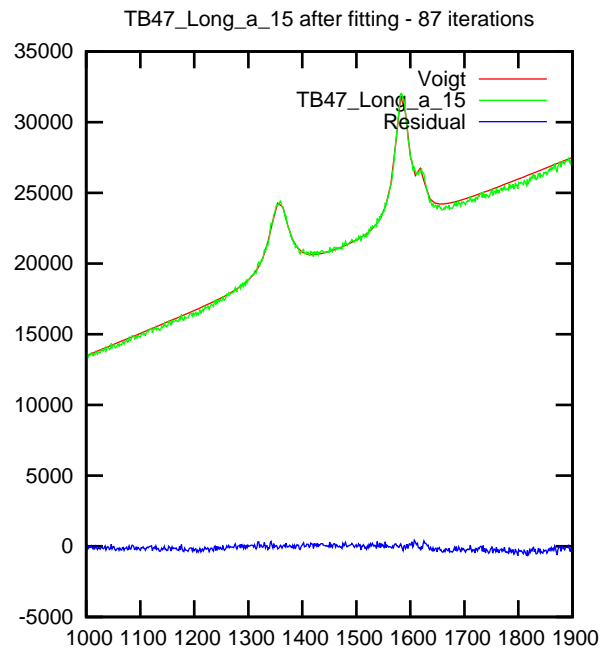
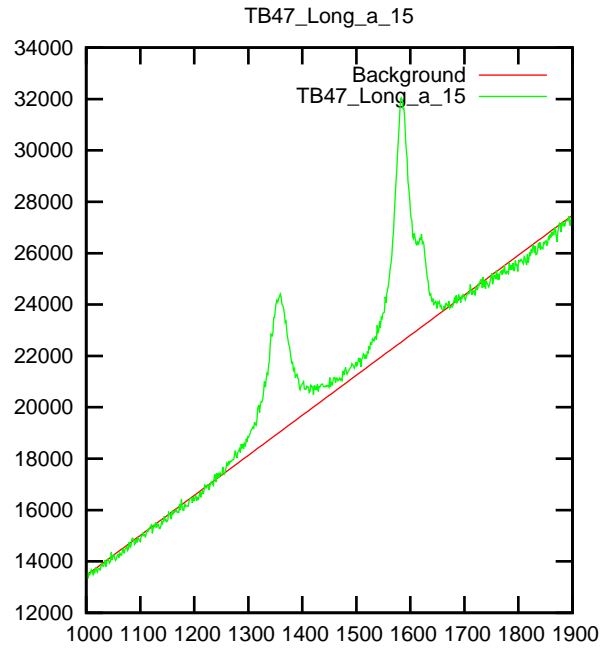


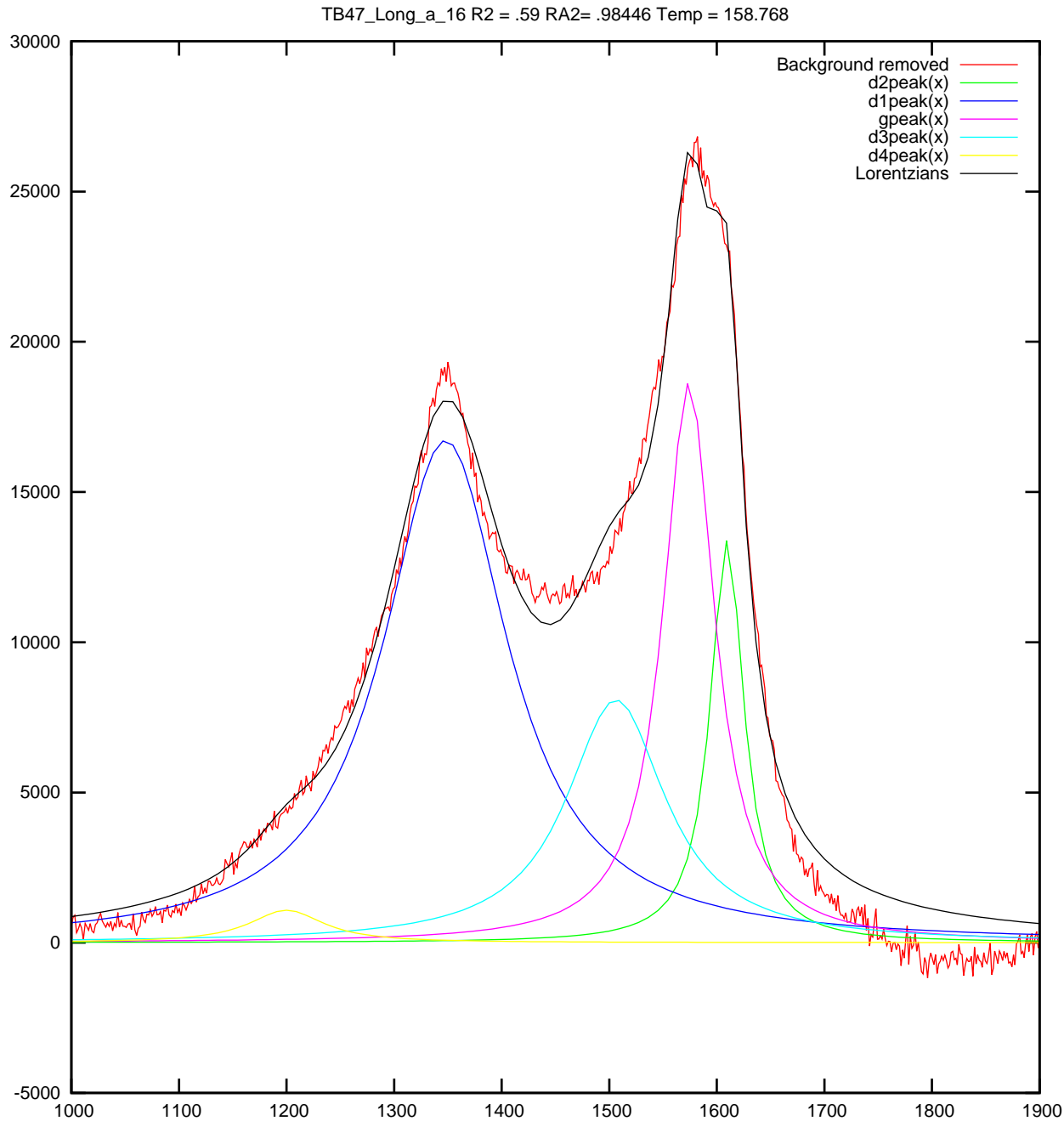
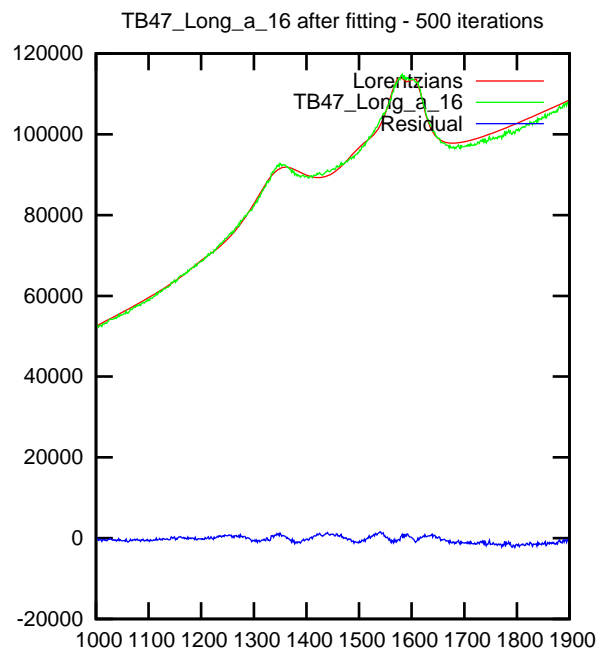
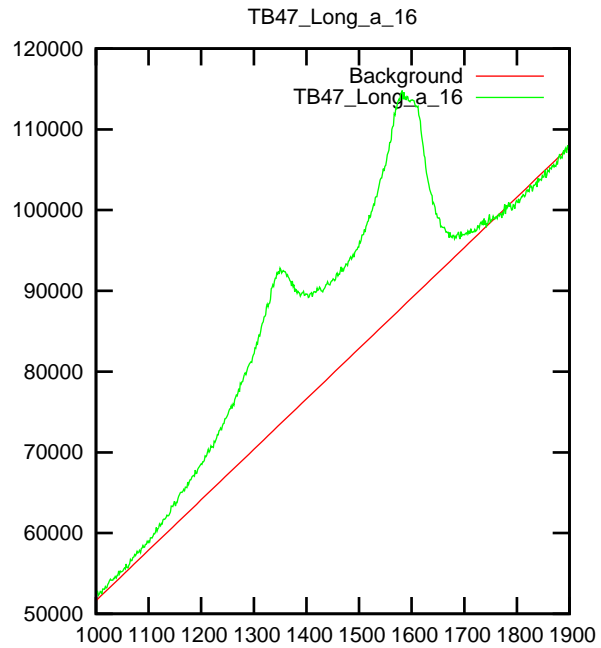


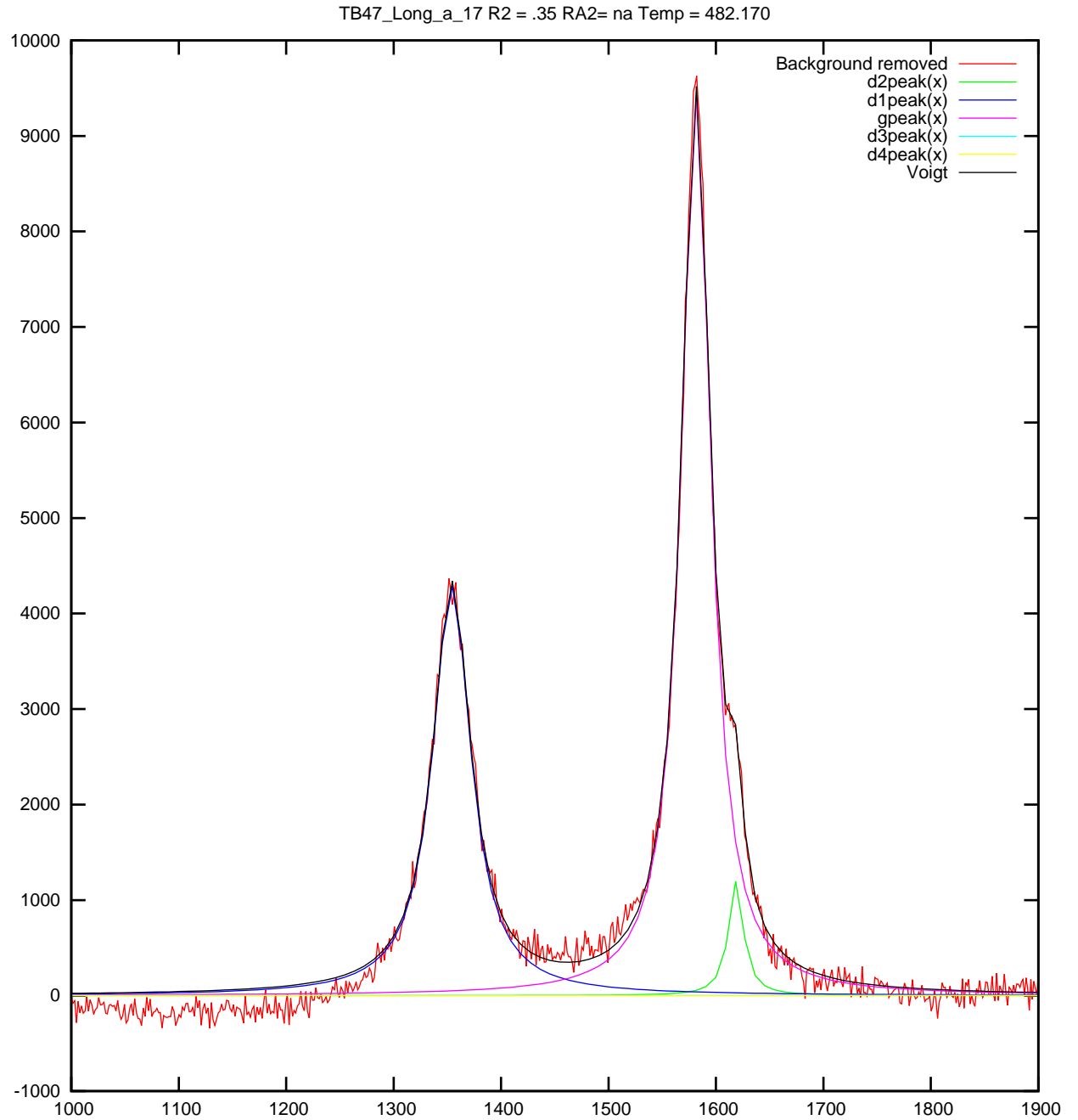
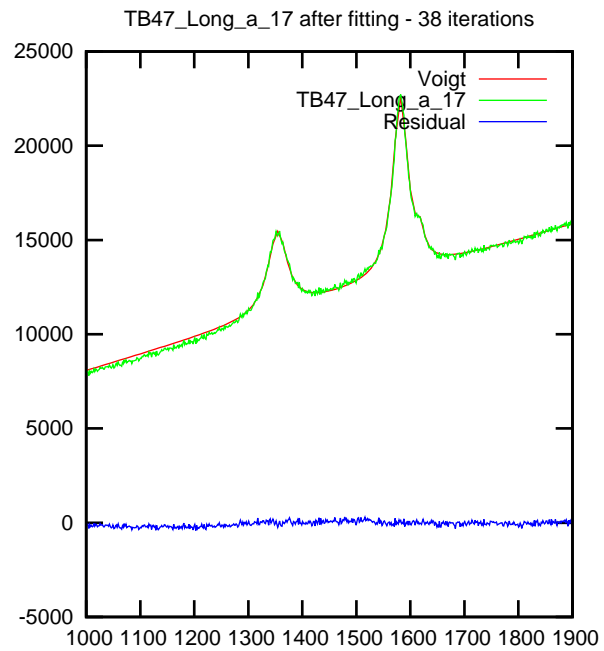
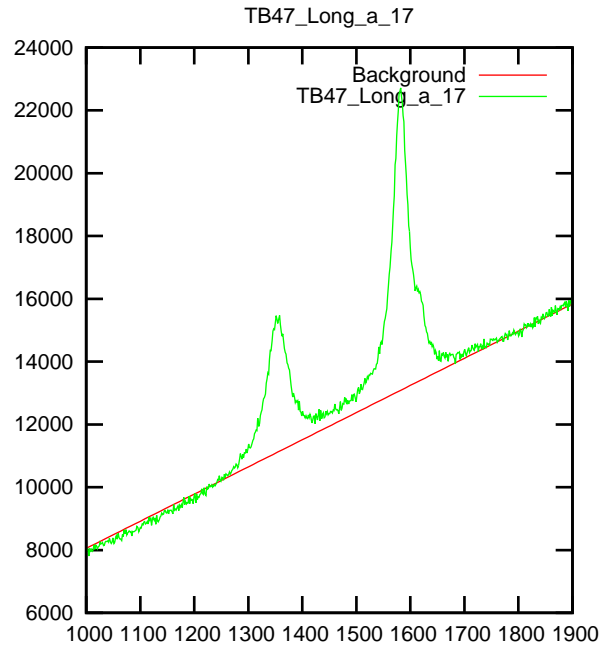


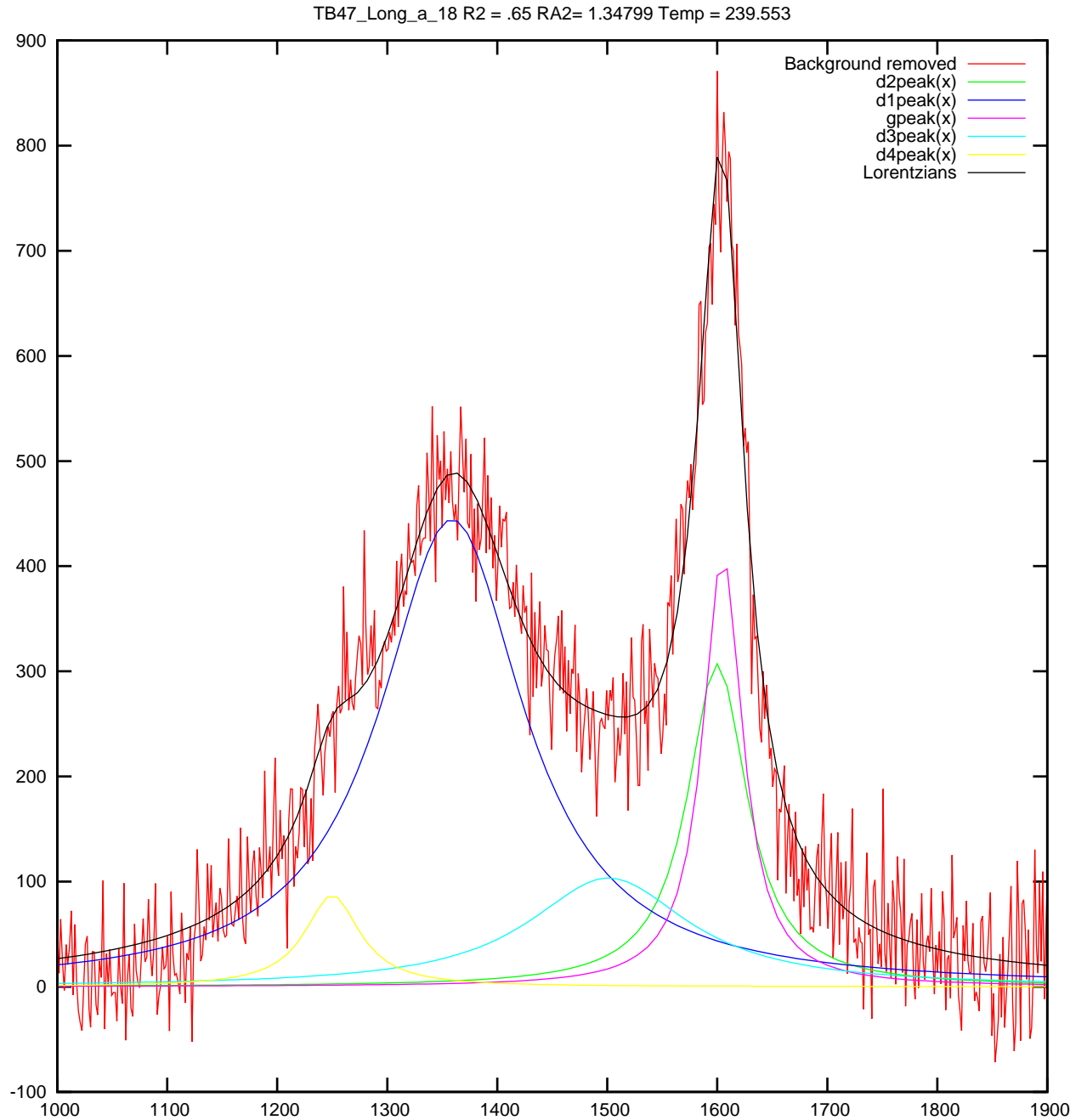
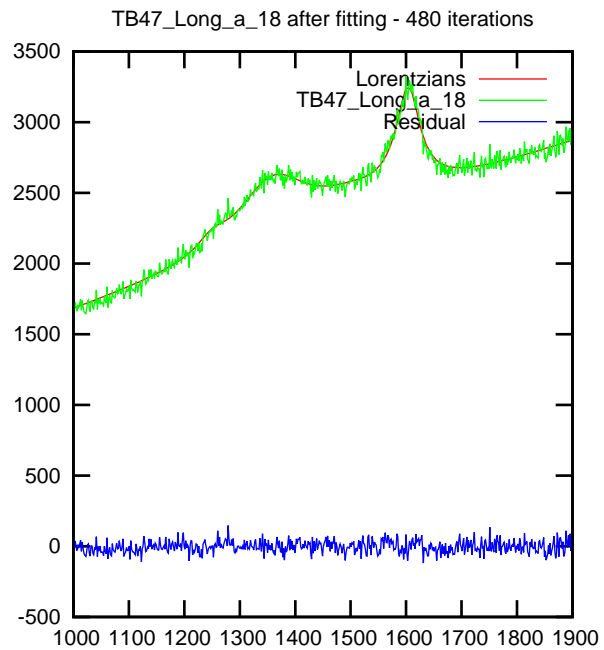
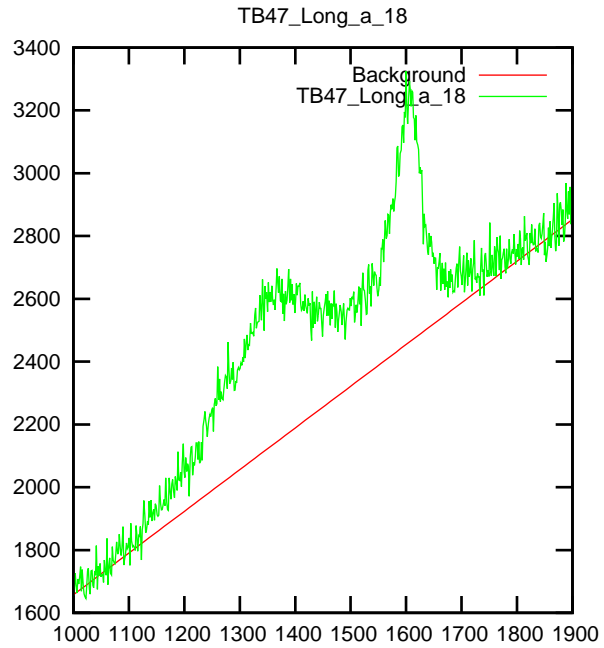


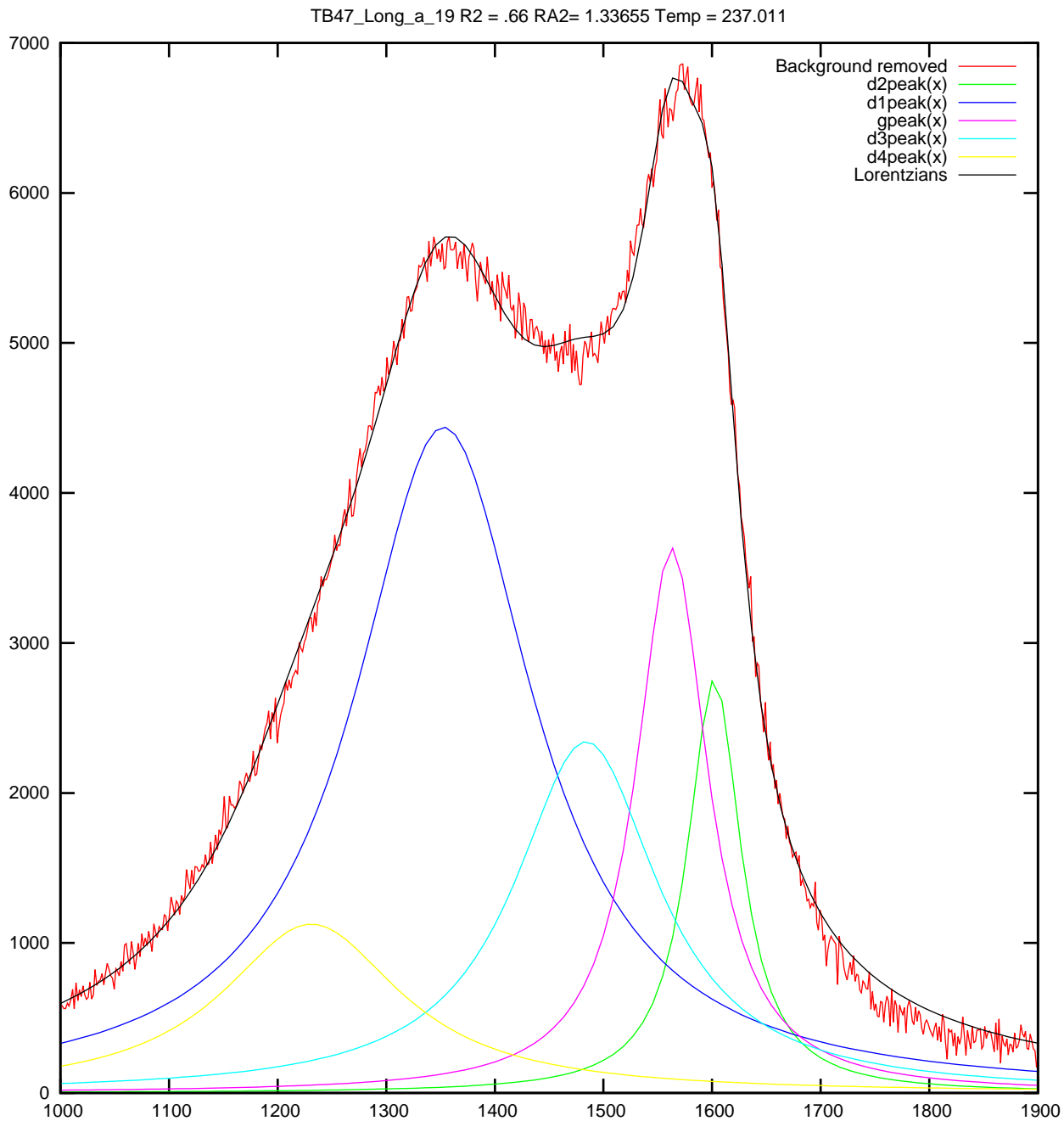
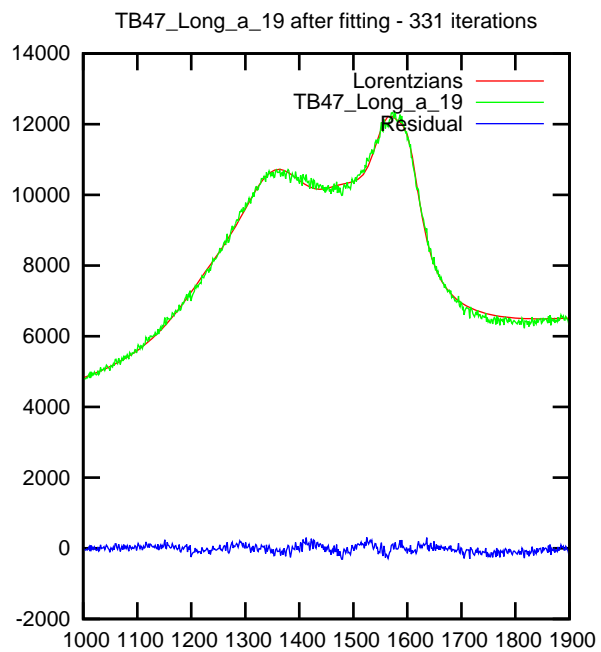
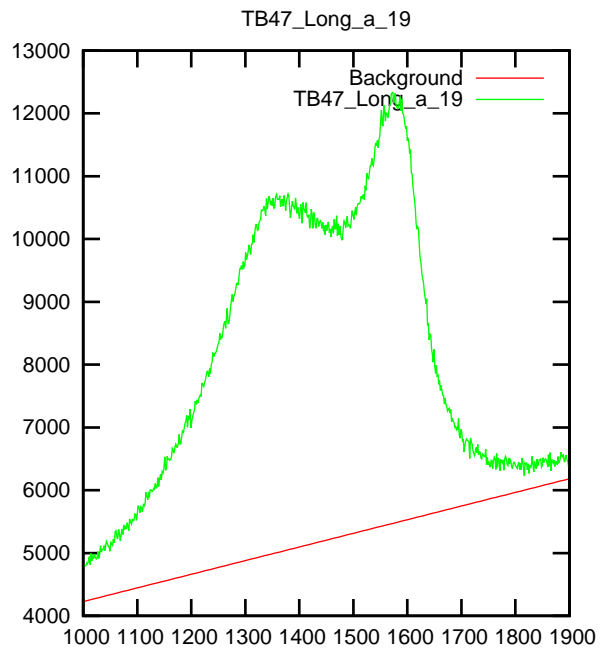


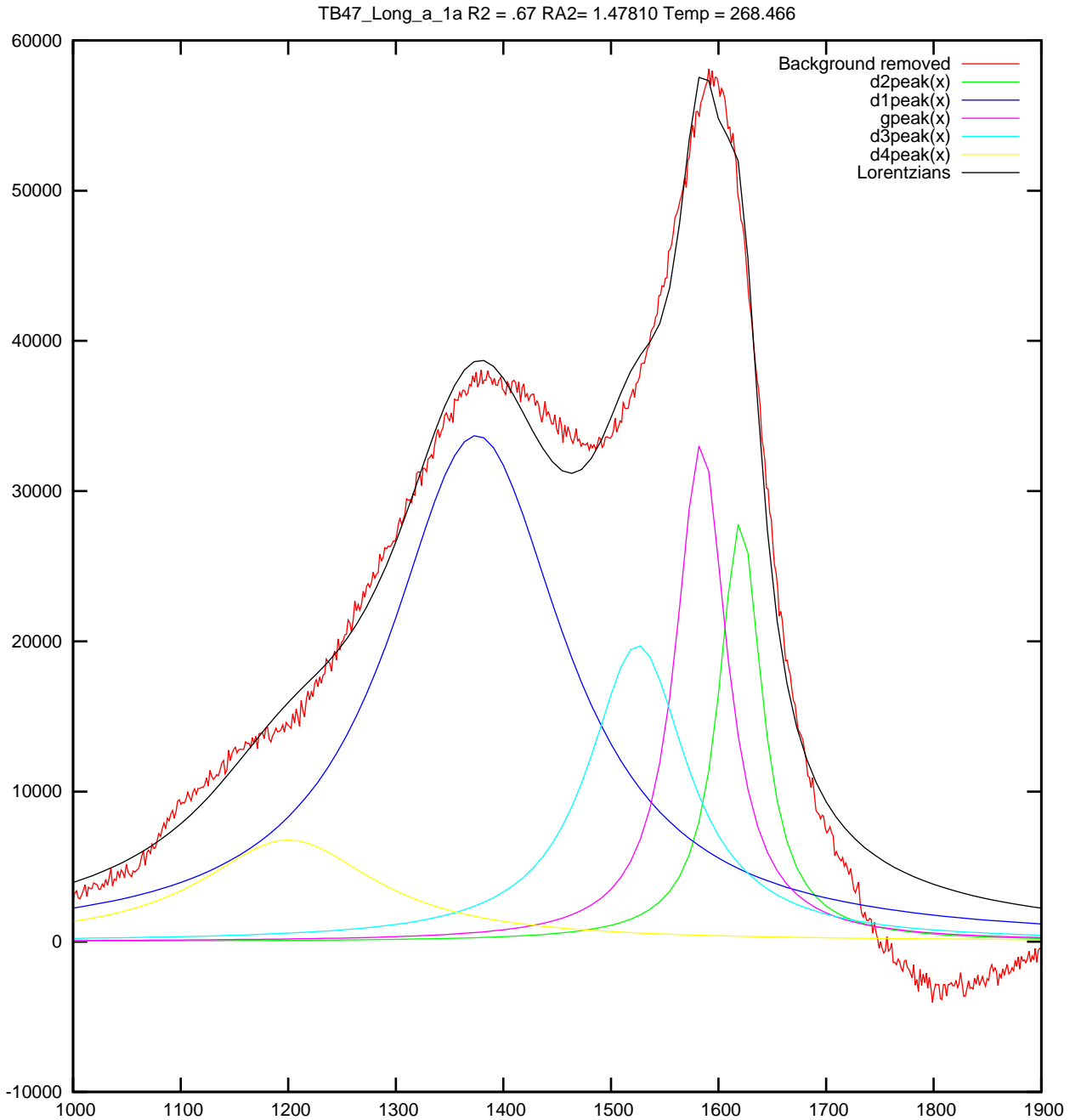
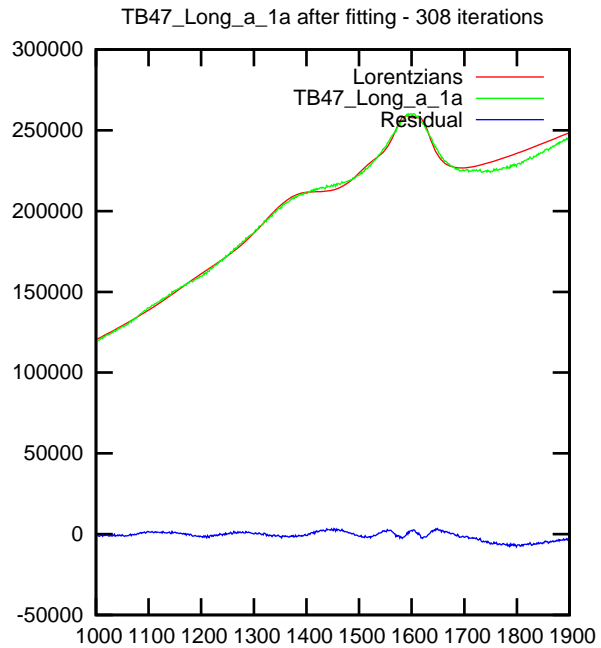
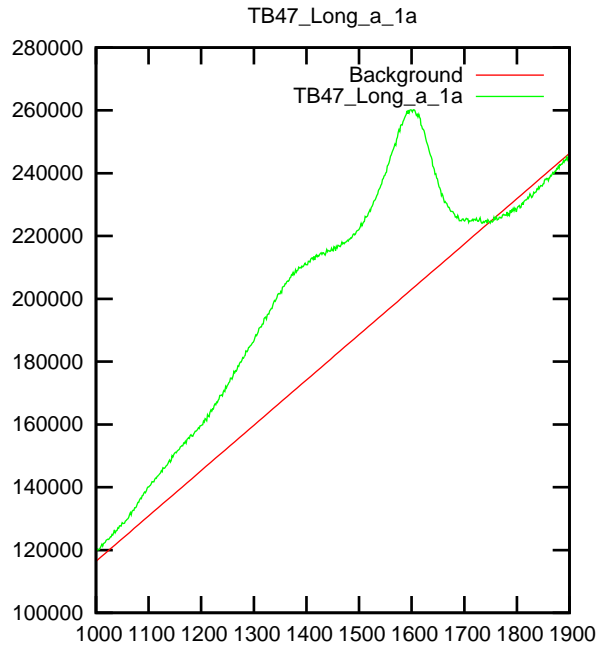


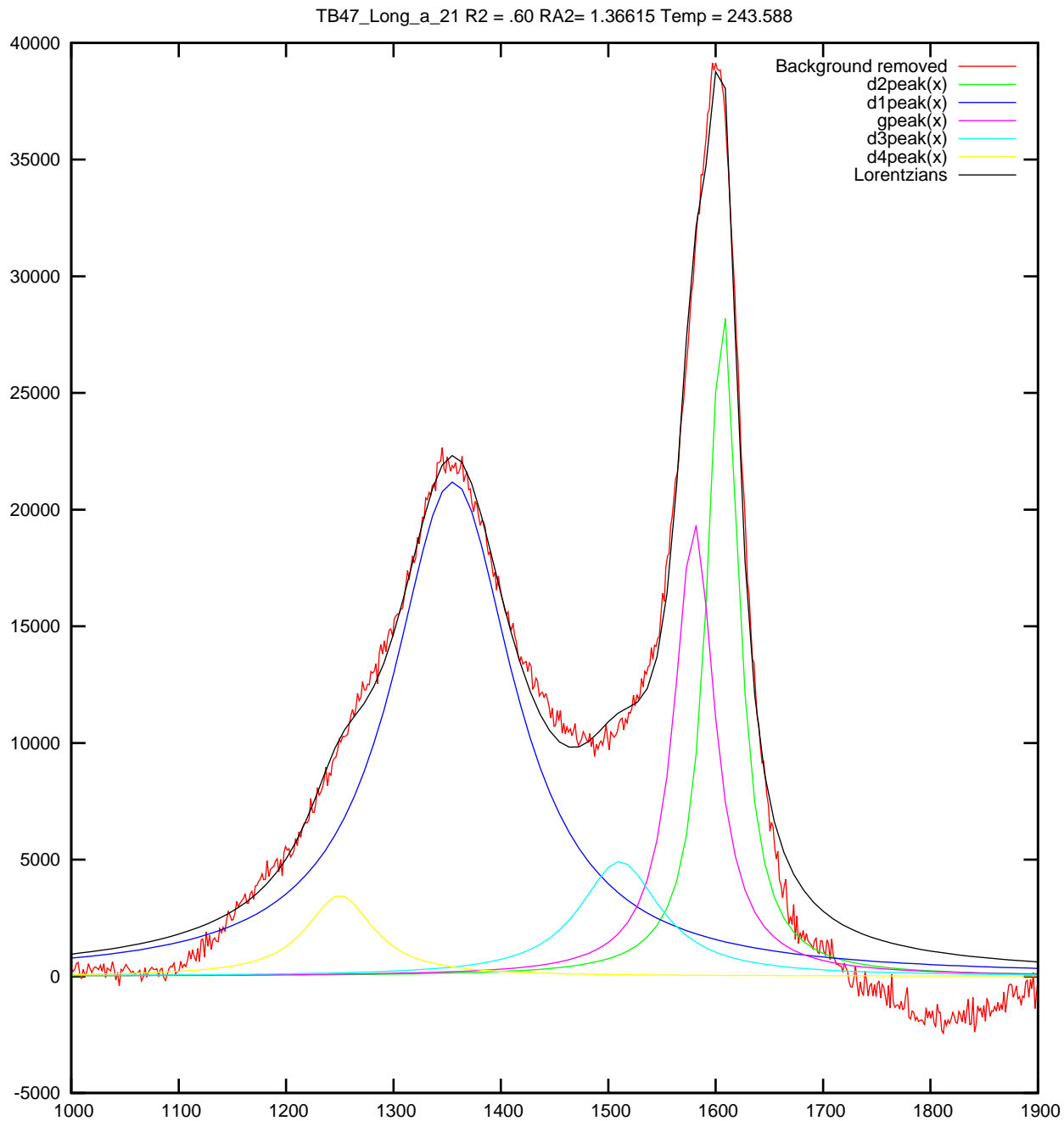
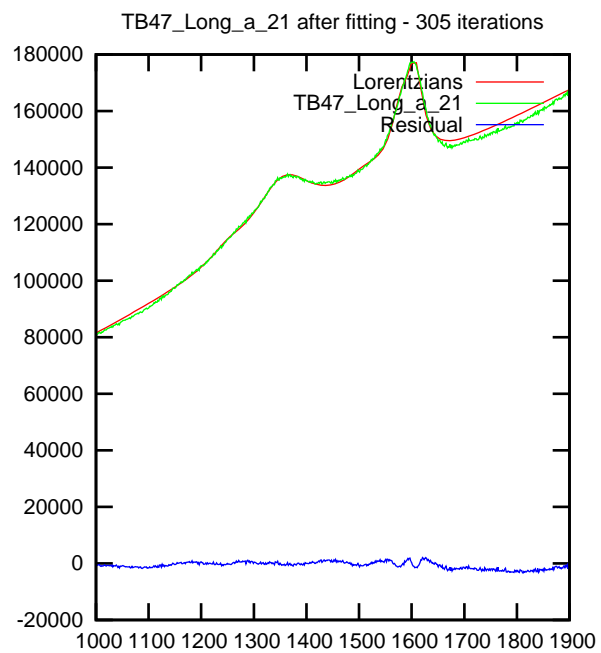
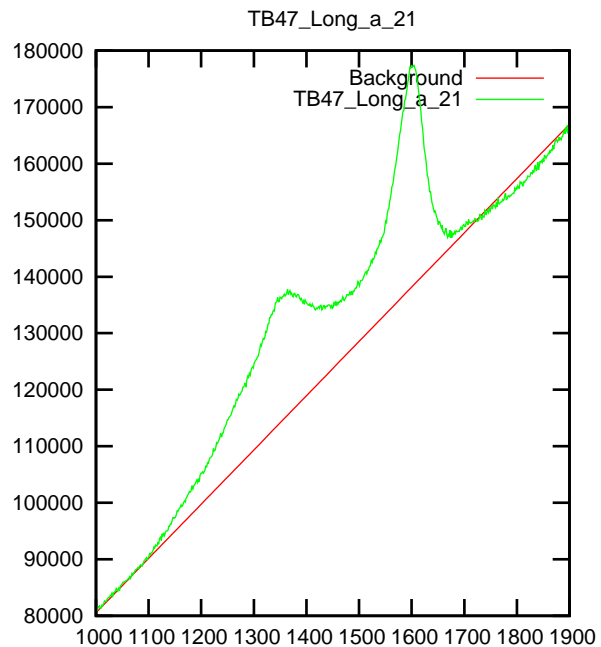


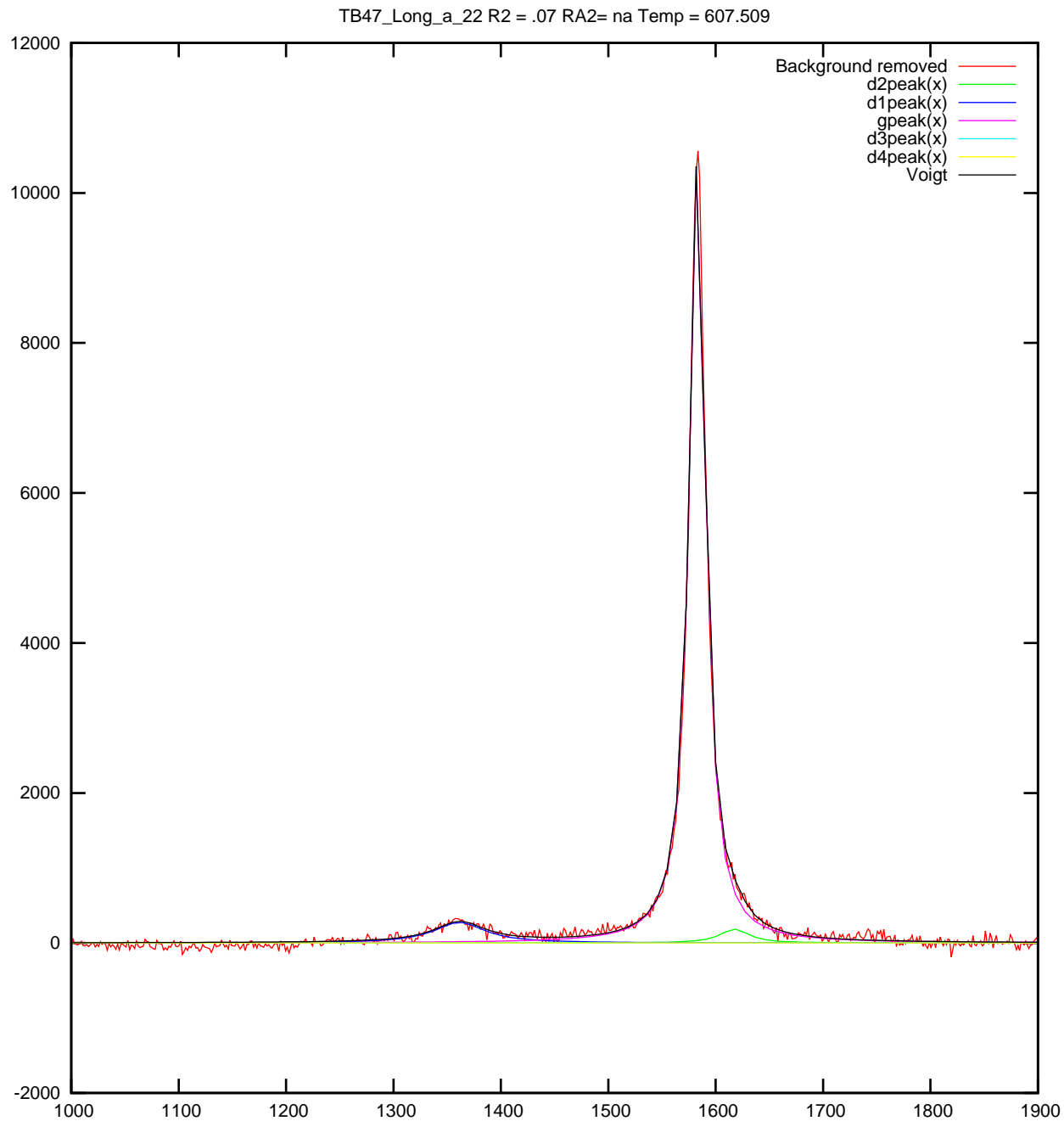
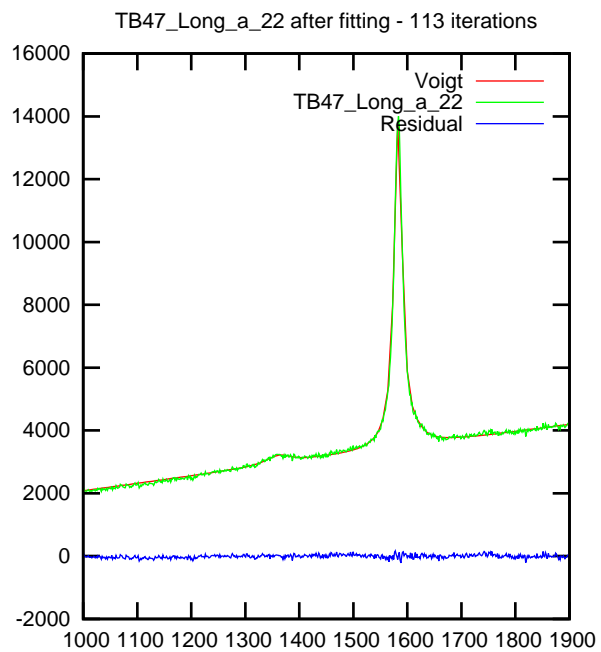
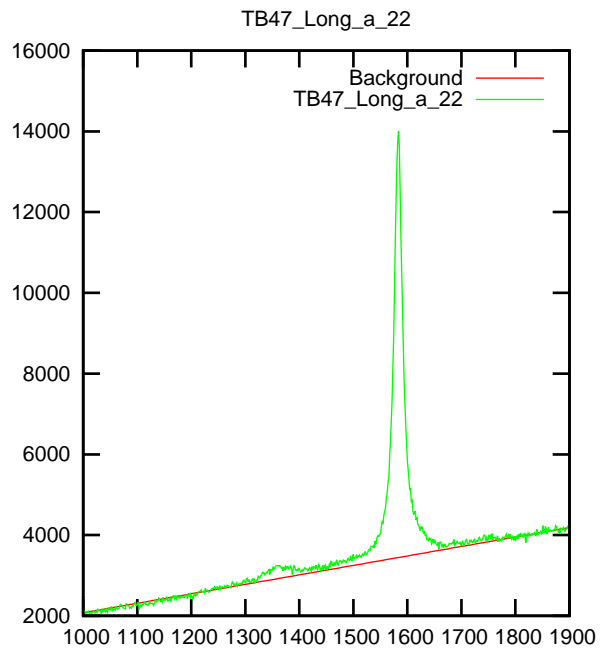


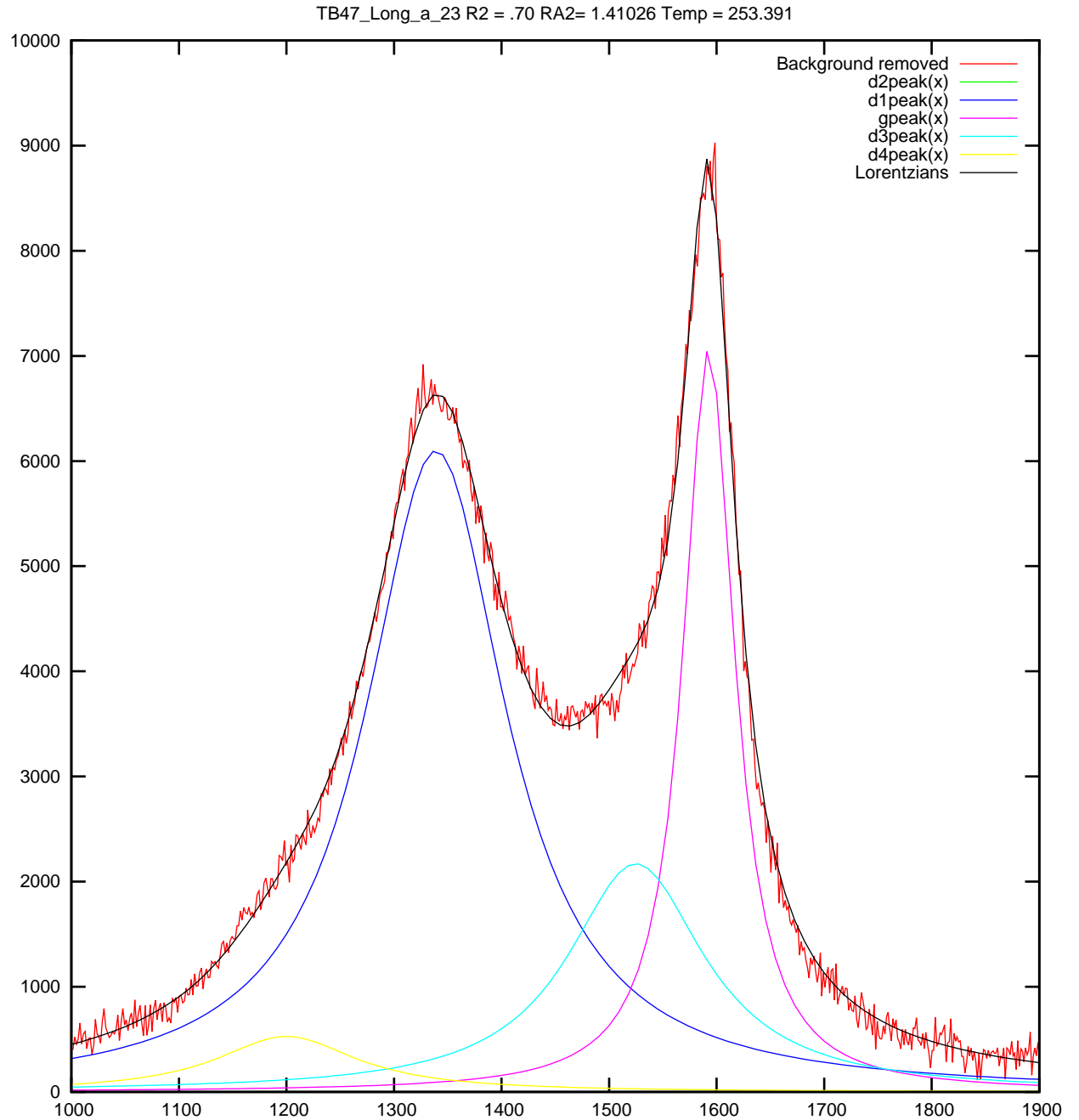
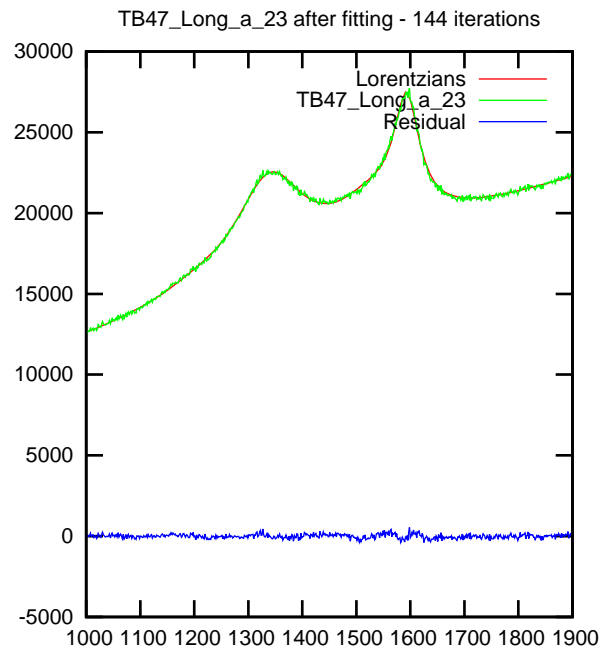
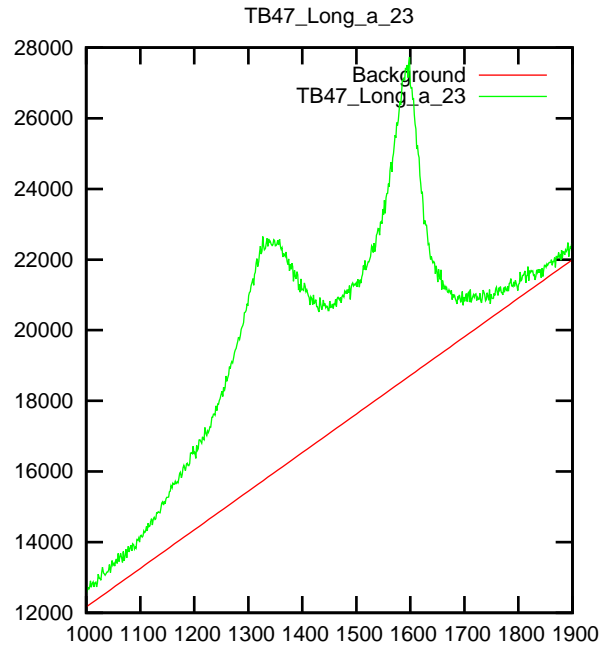


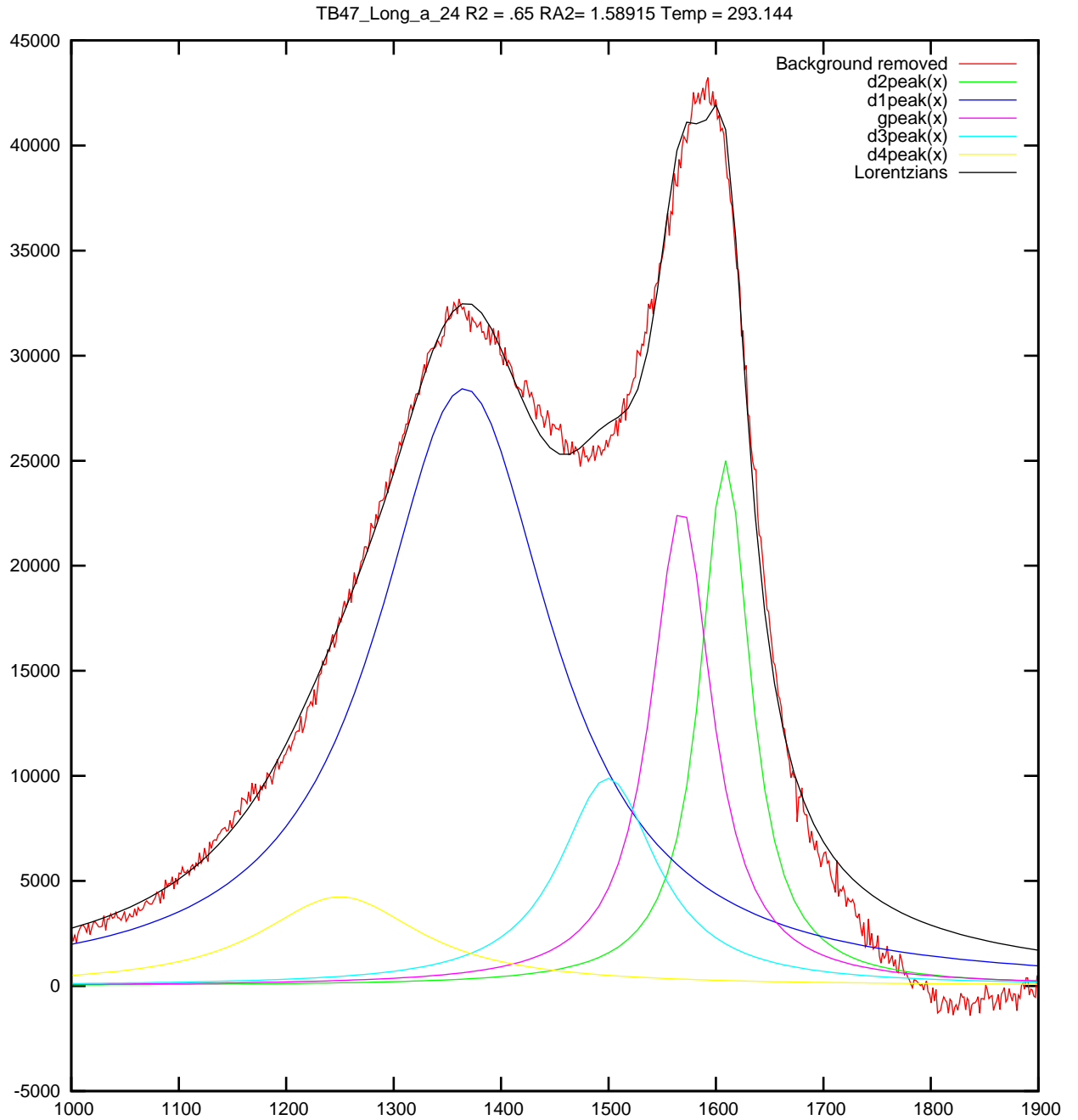
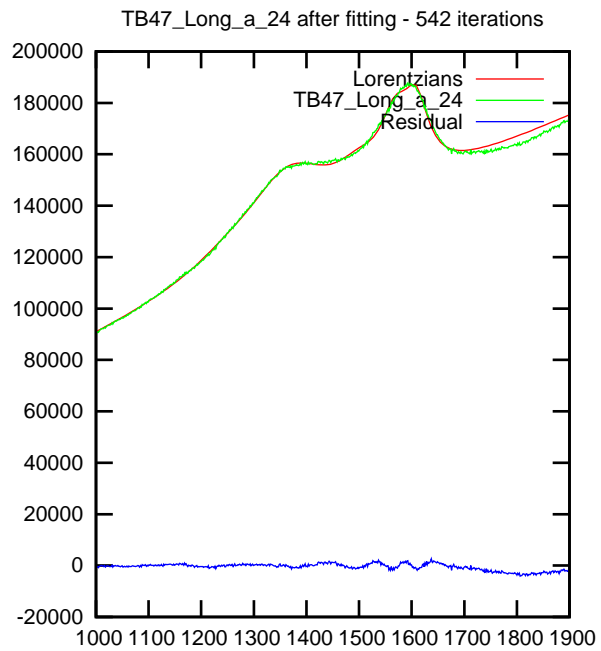
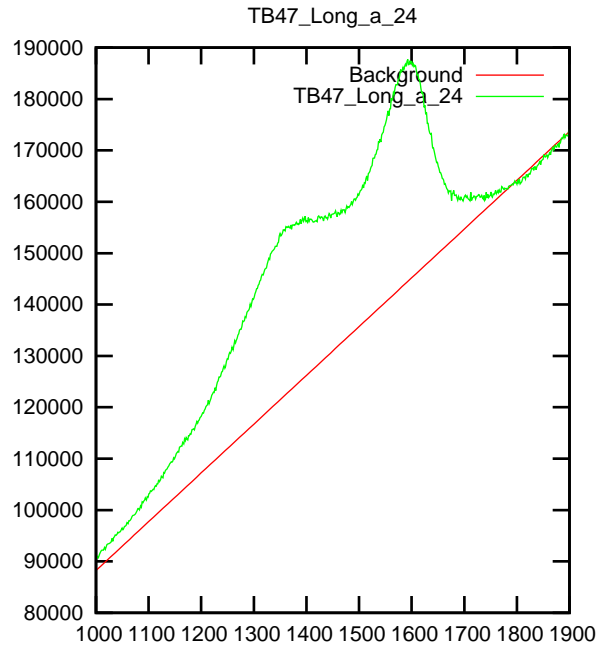


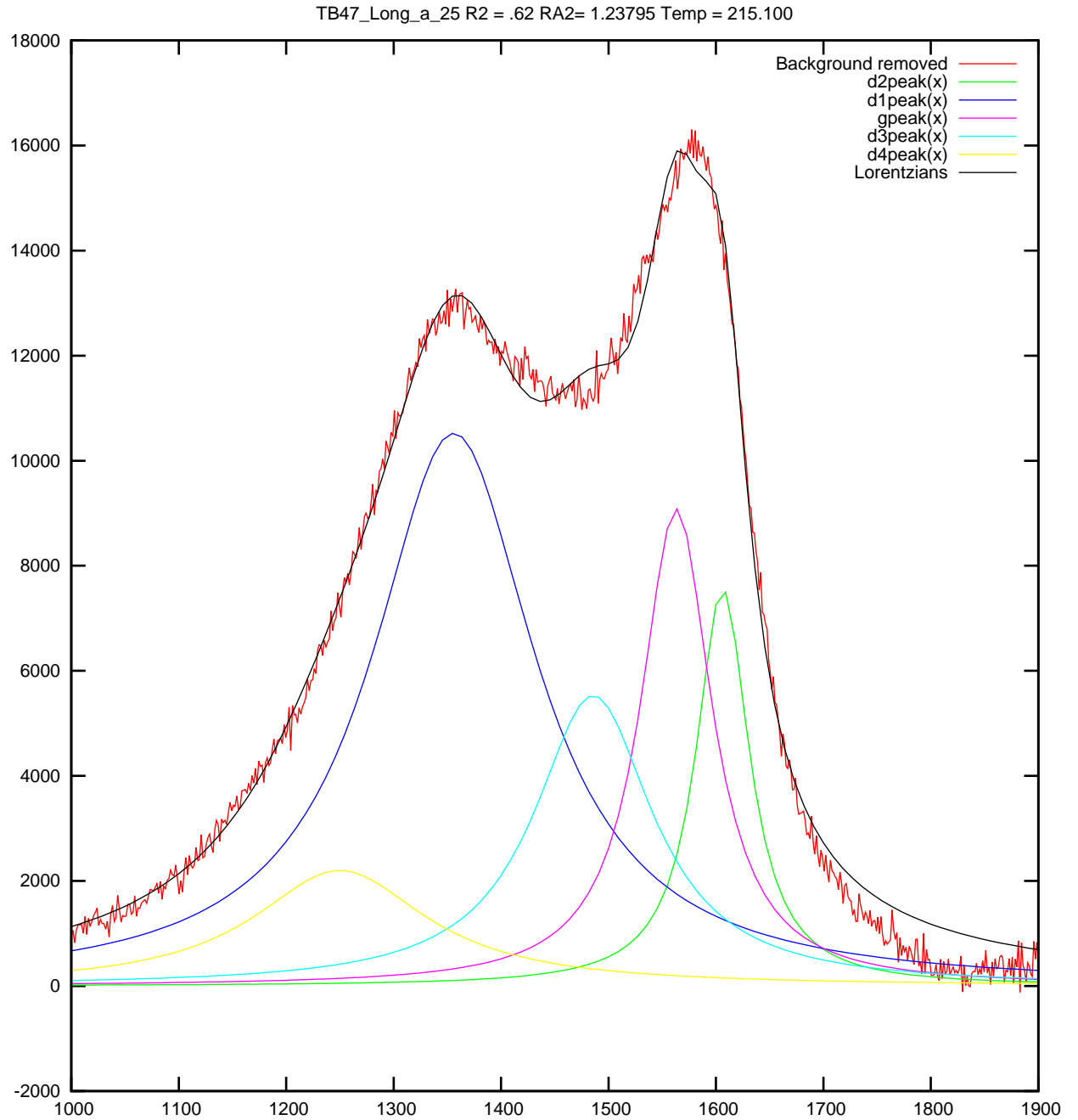
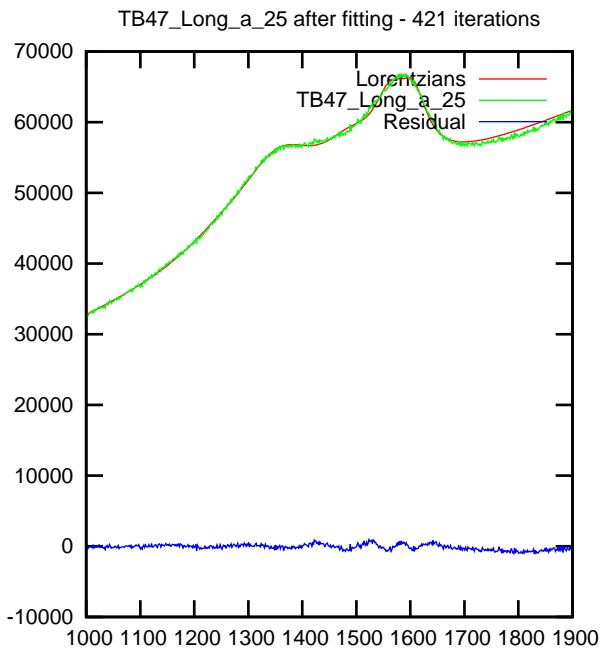
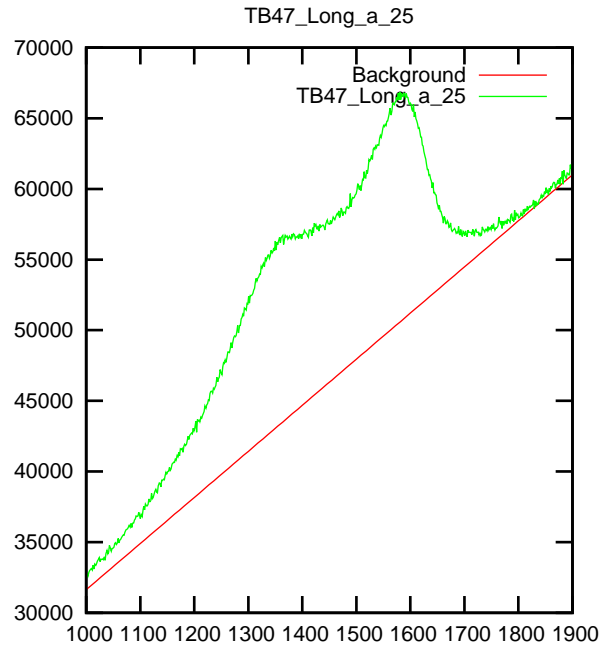


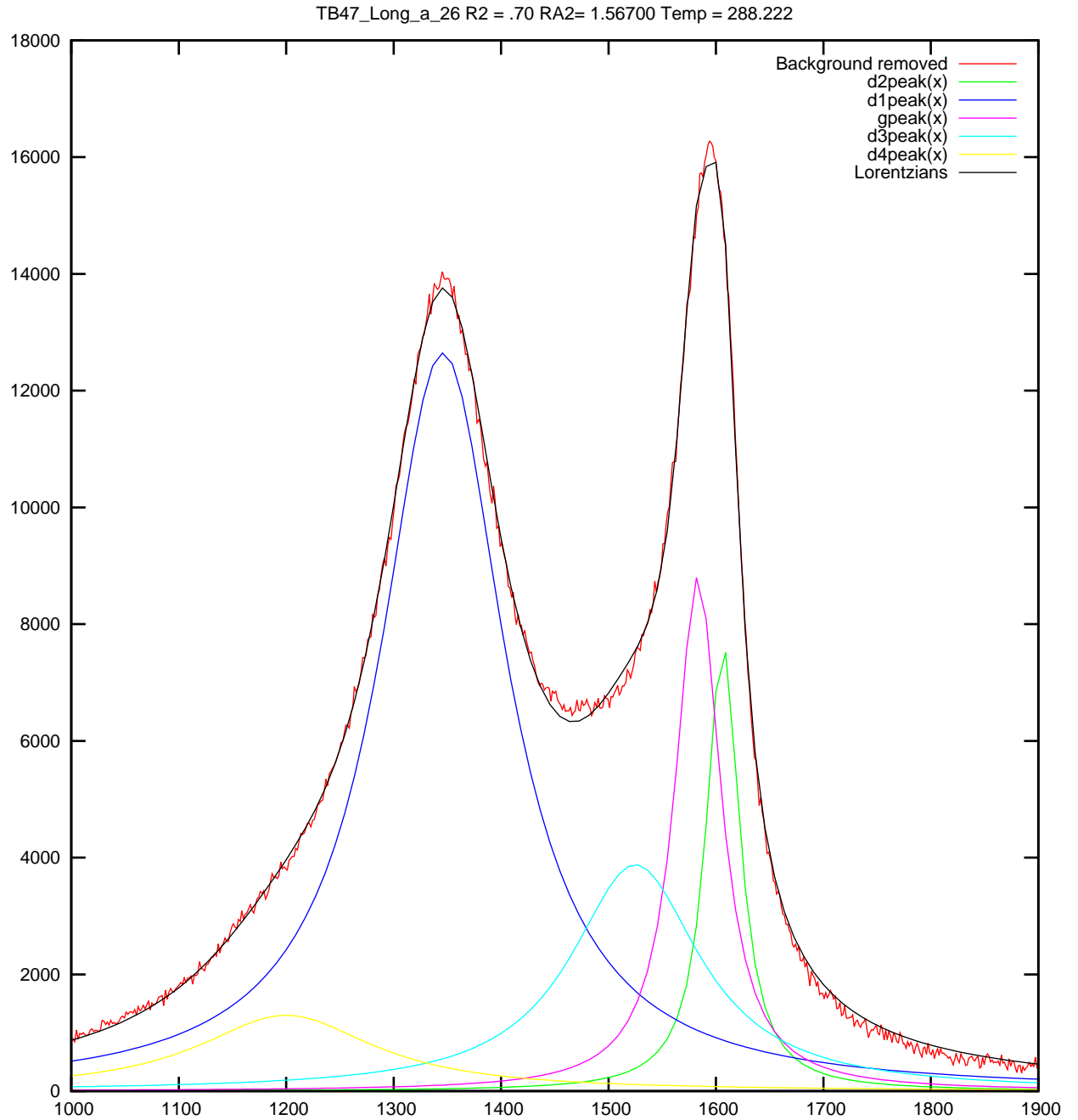
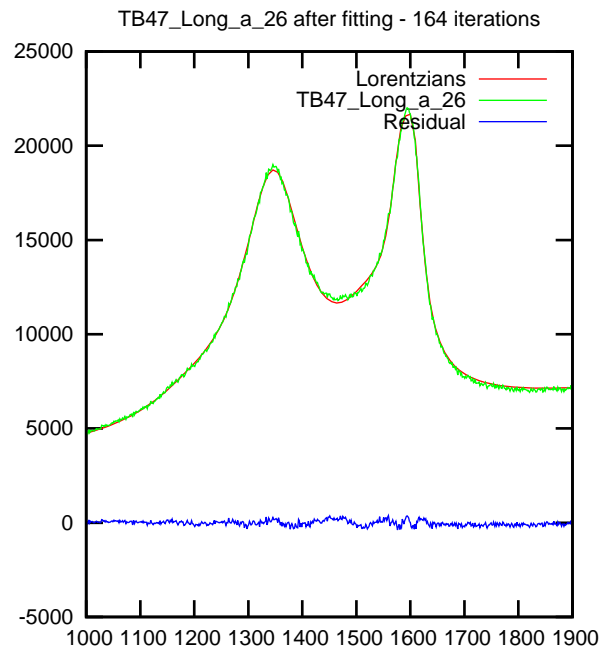
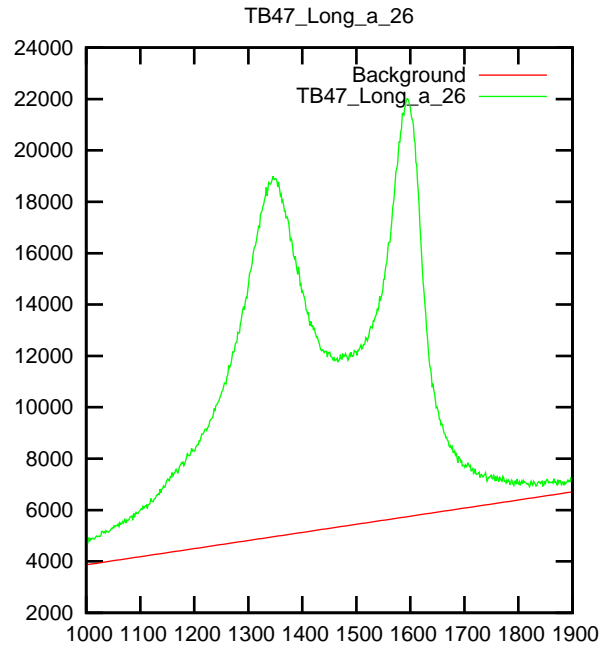


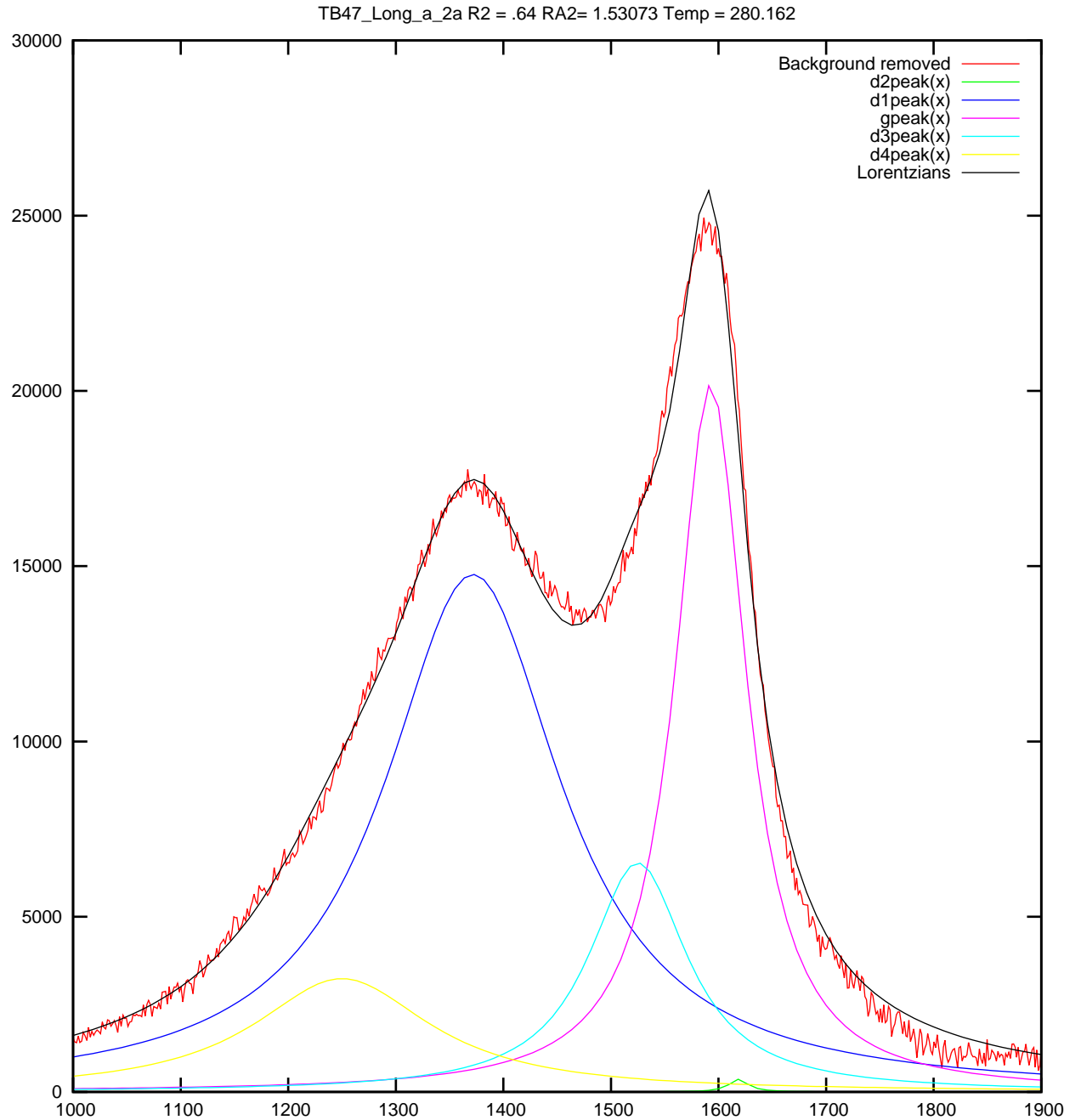
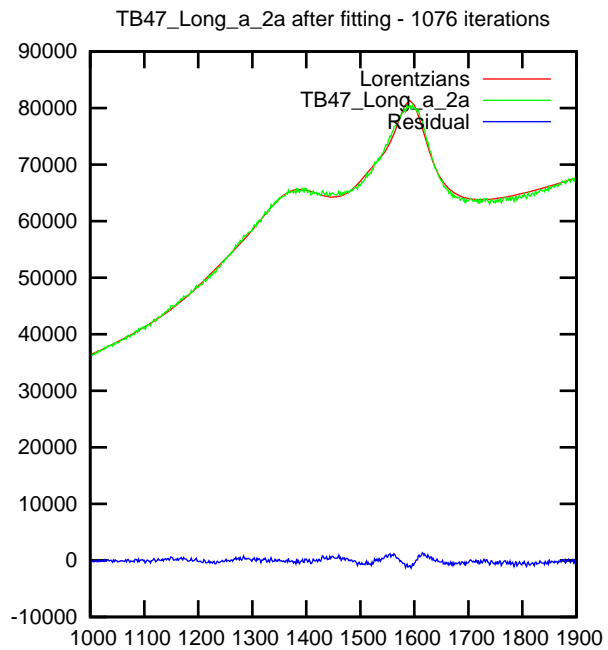
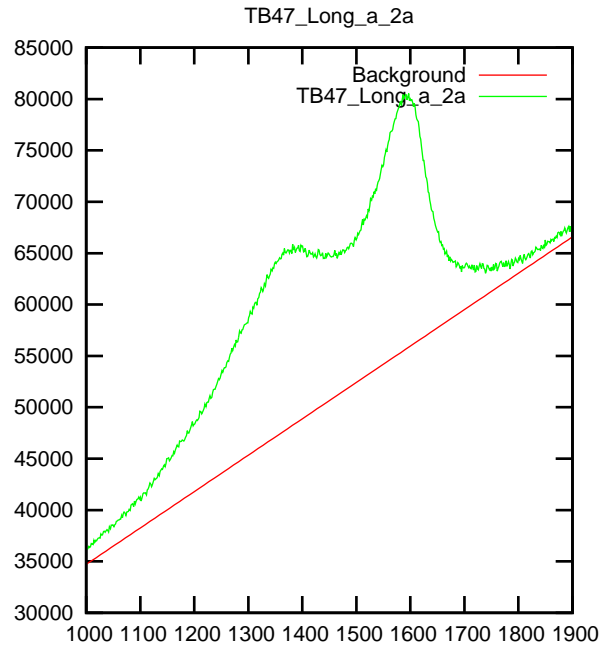




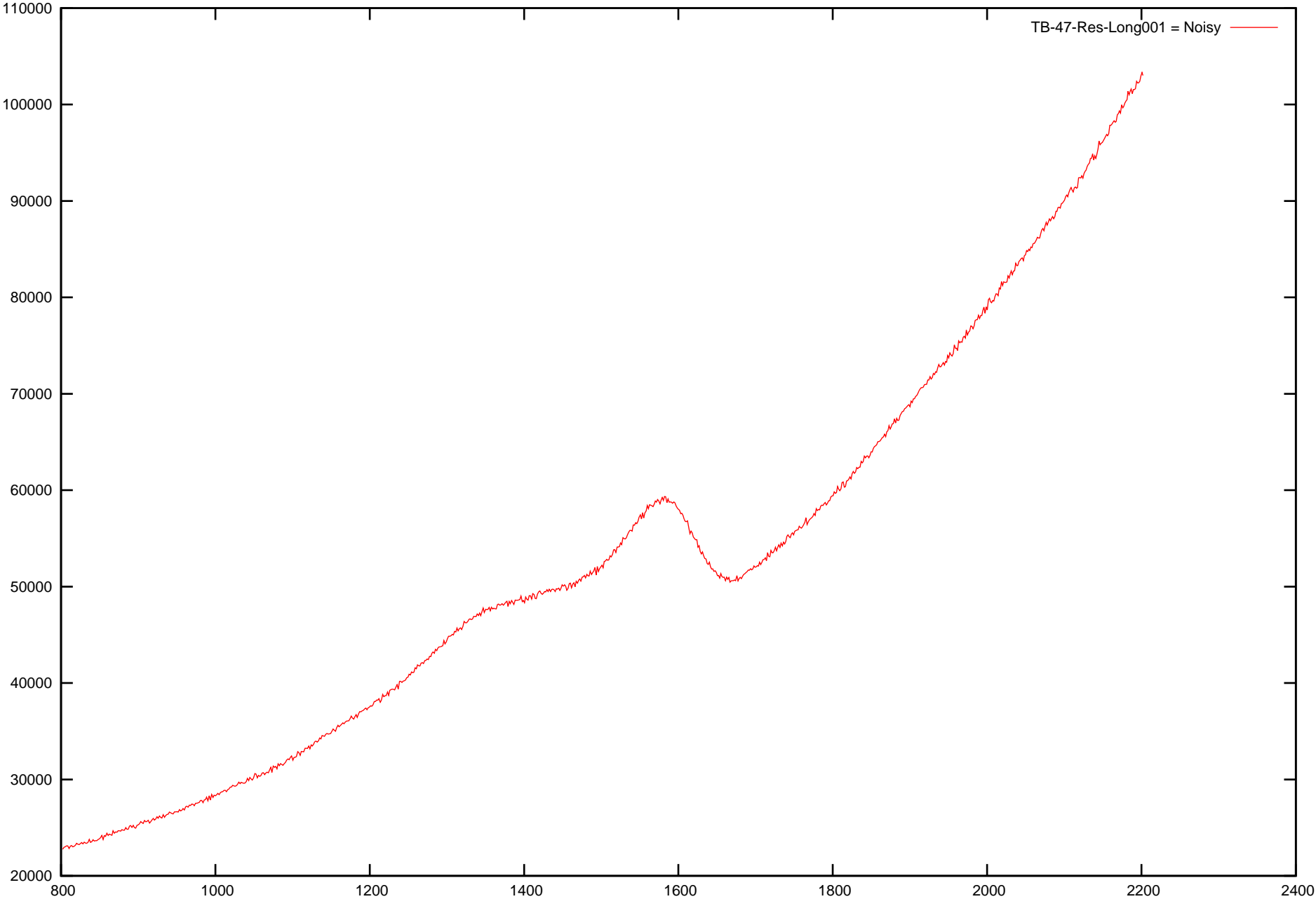




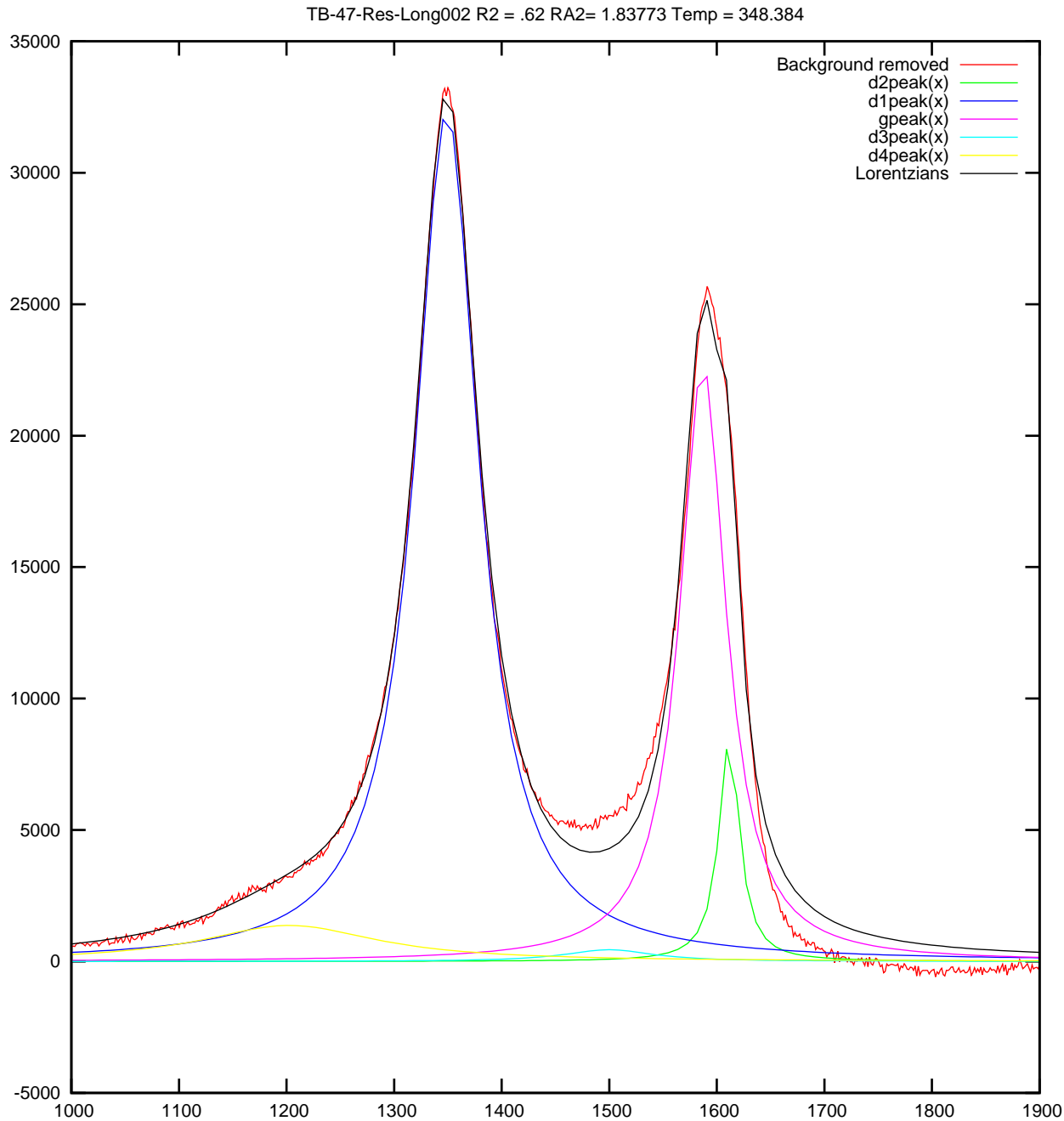
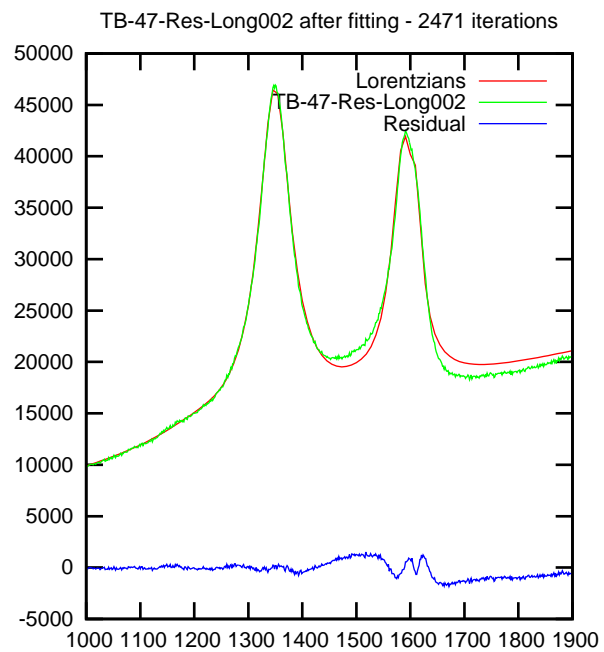
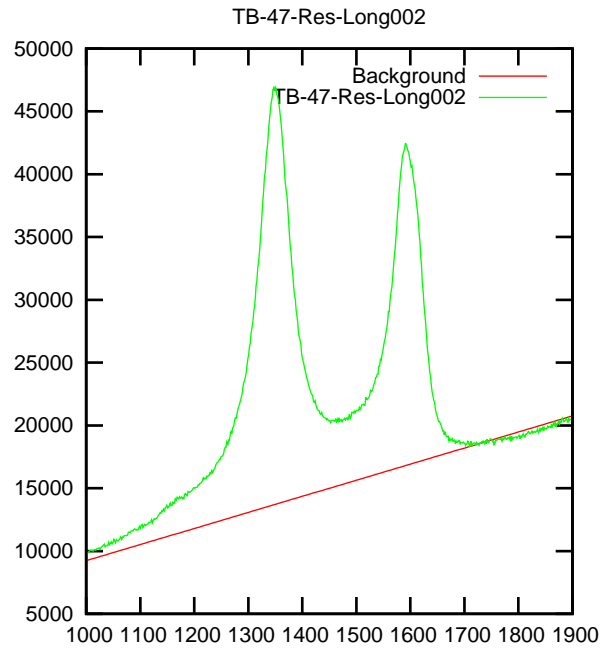


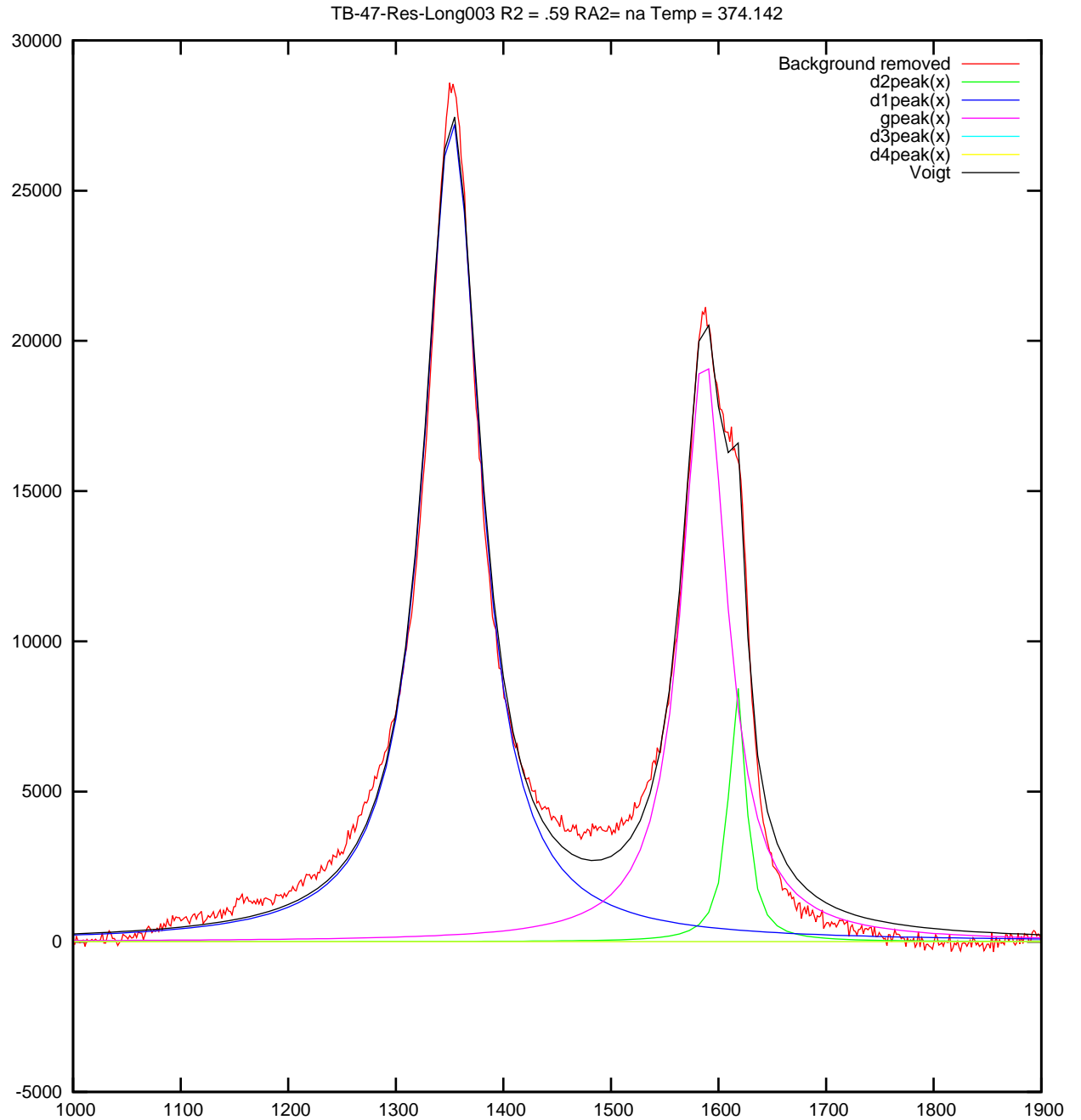
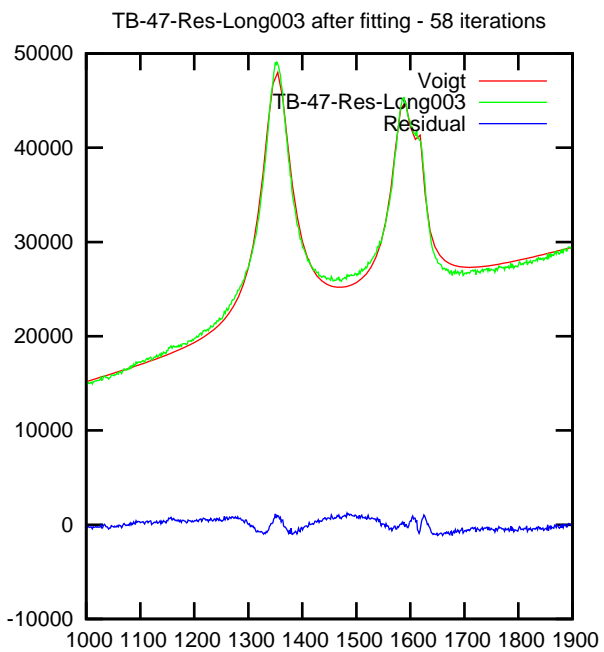
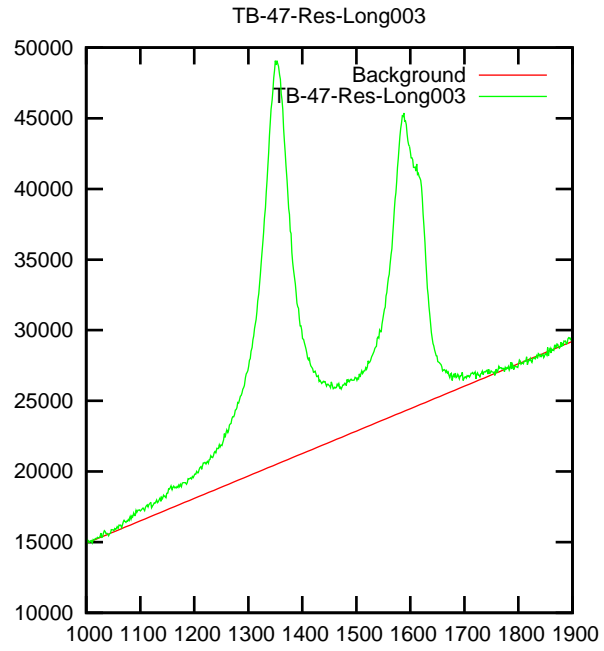


TB-47-Res-Long001 = Noisy

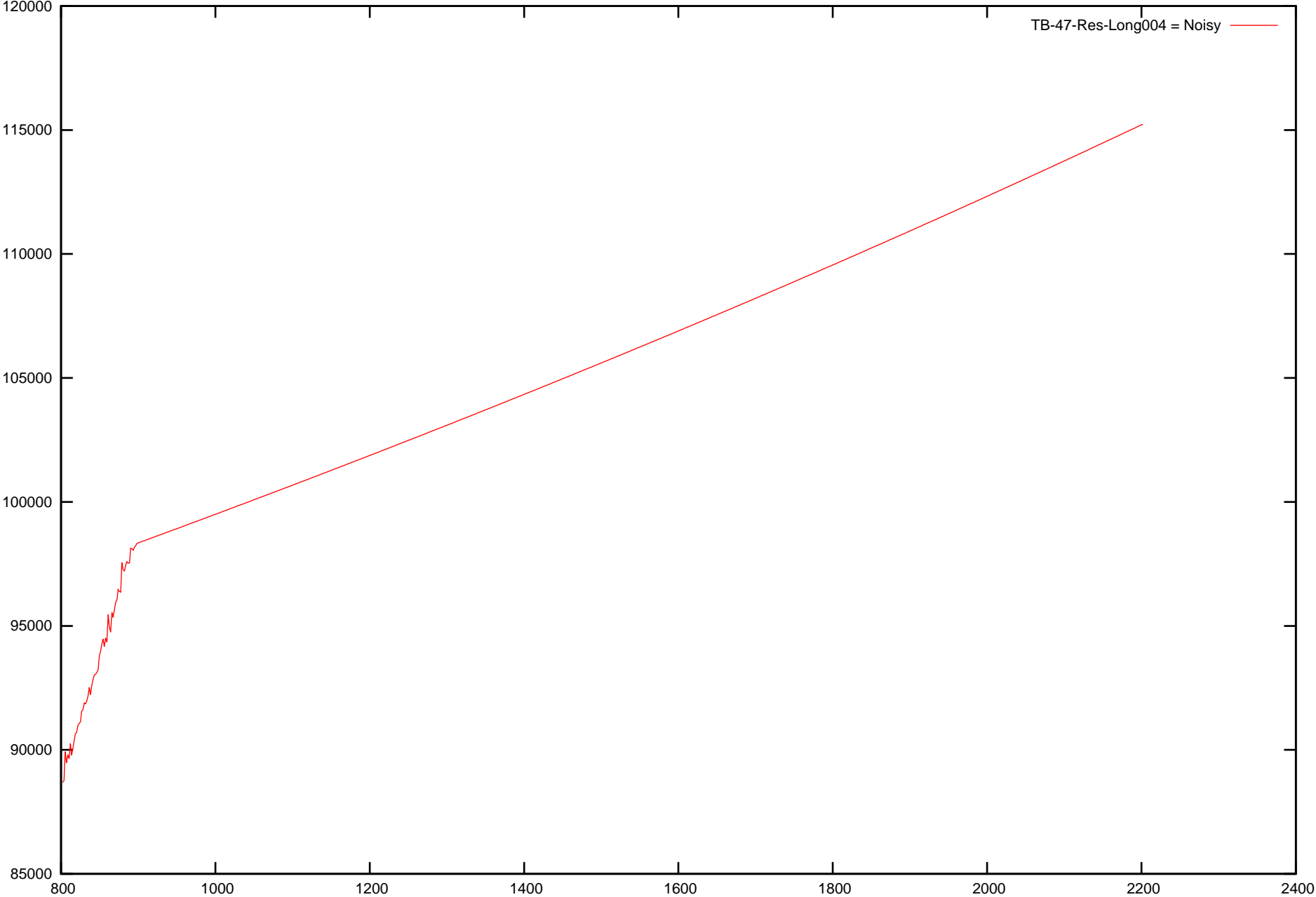


TB-47-Res-Long001 = Noisy

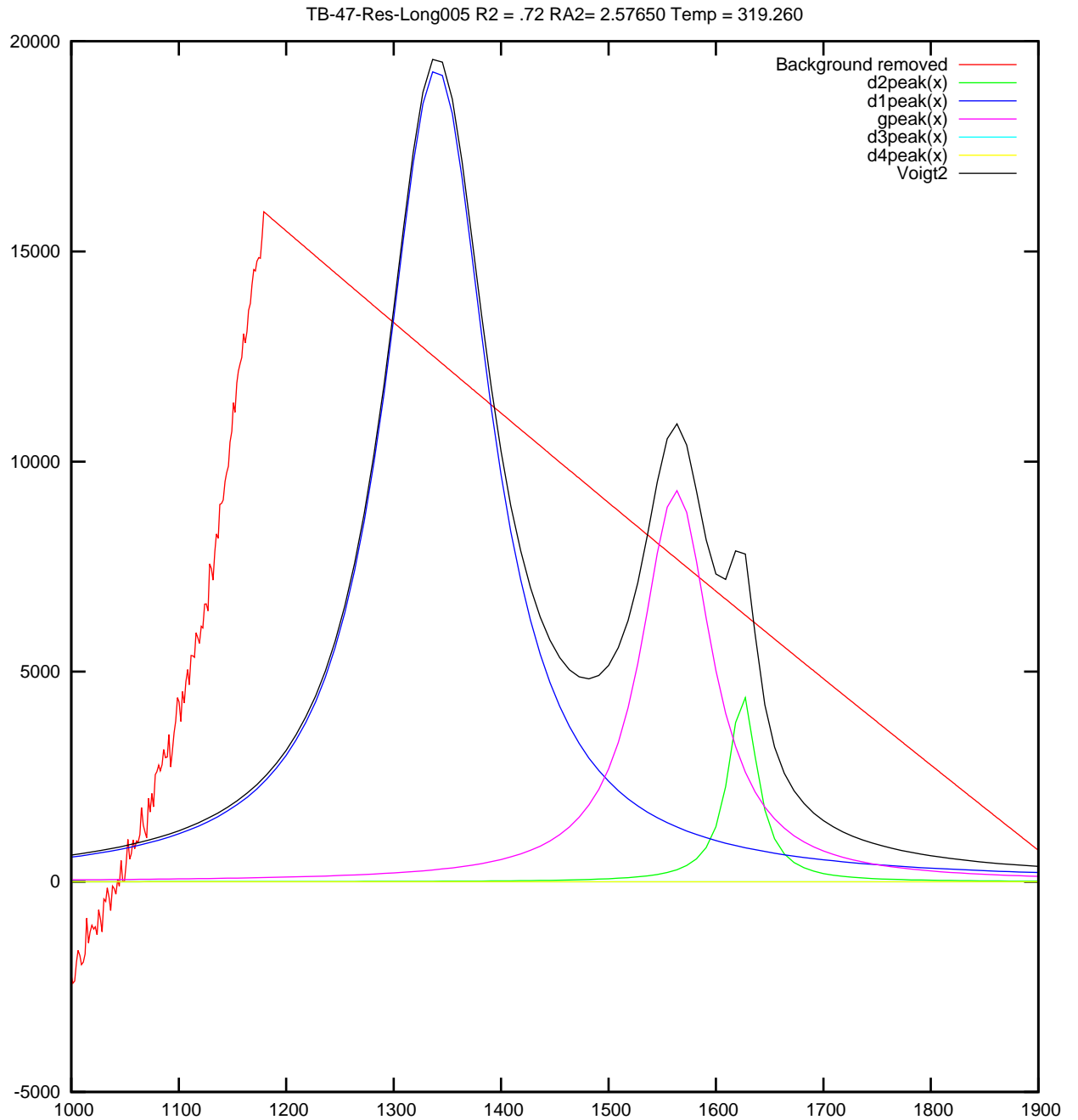
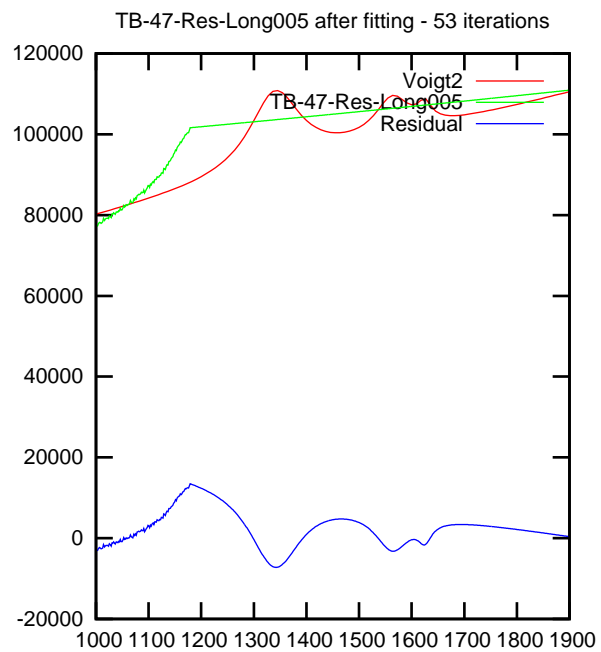
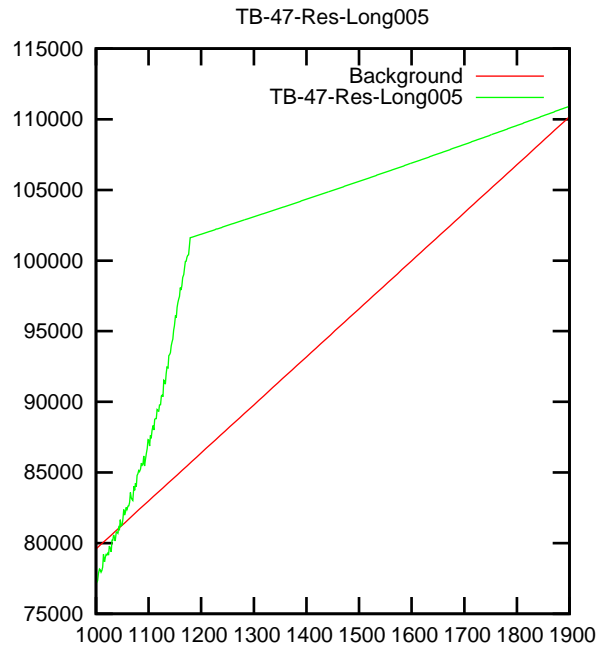


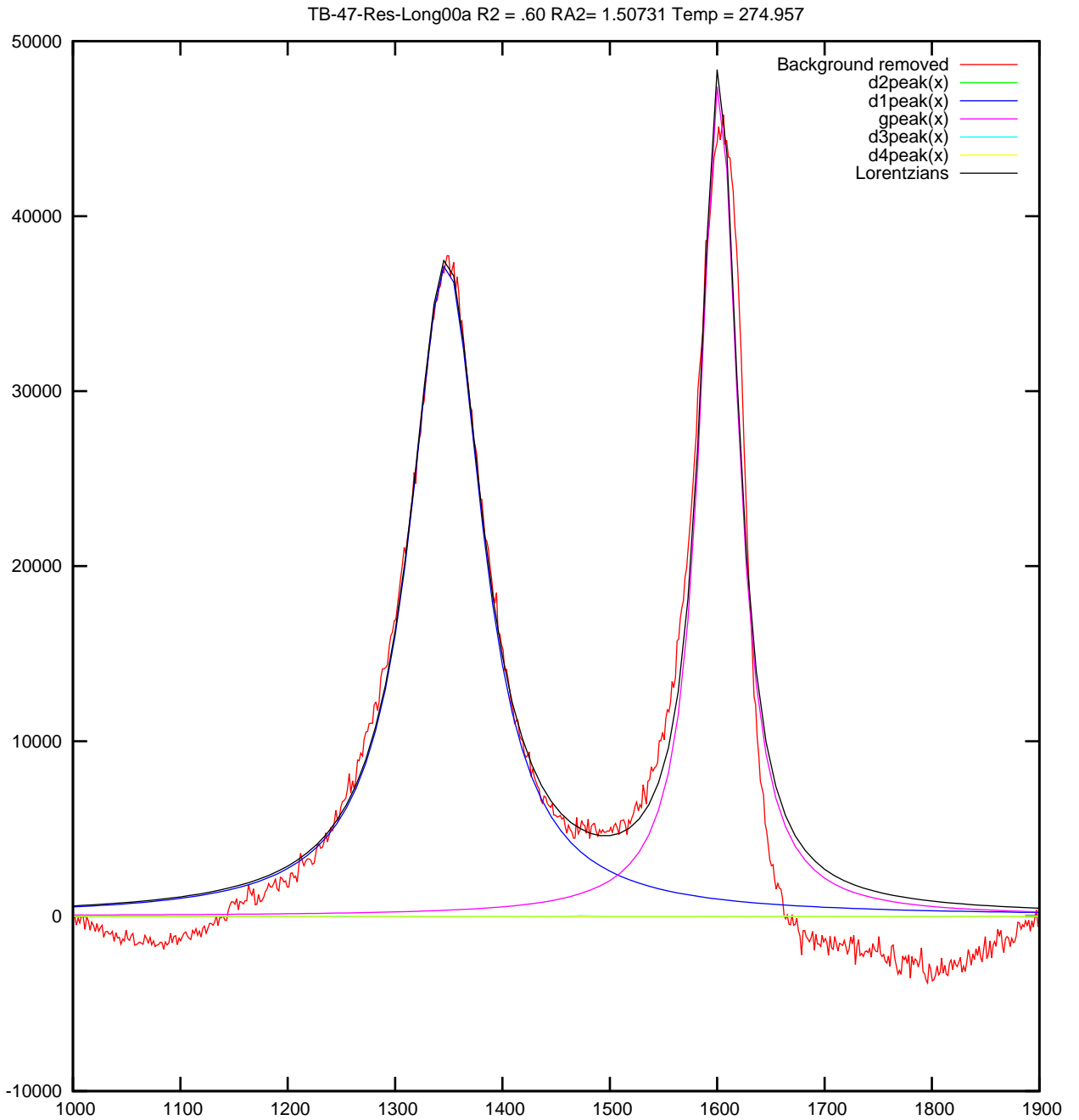
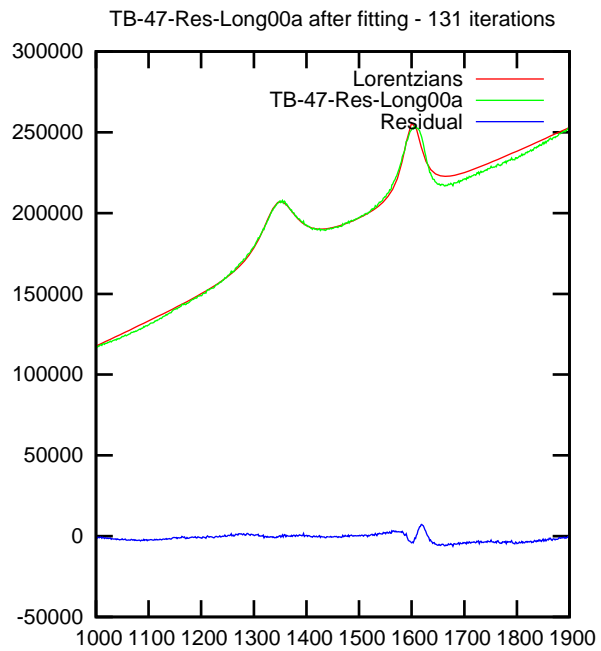
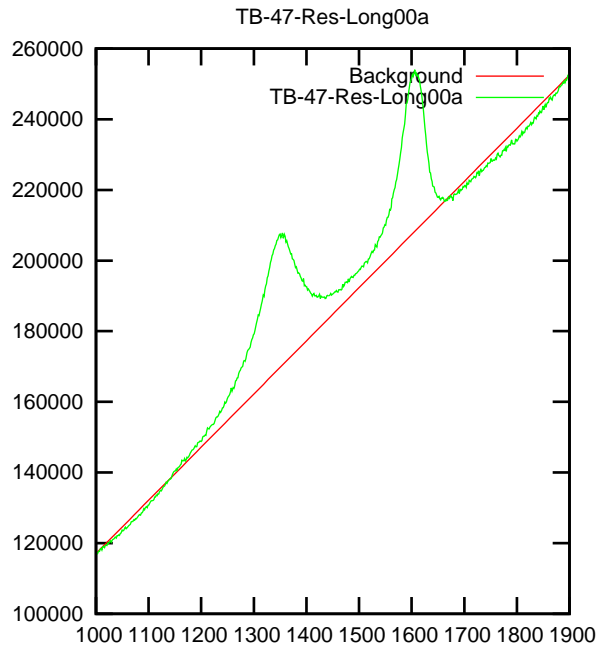


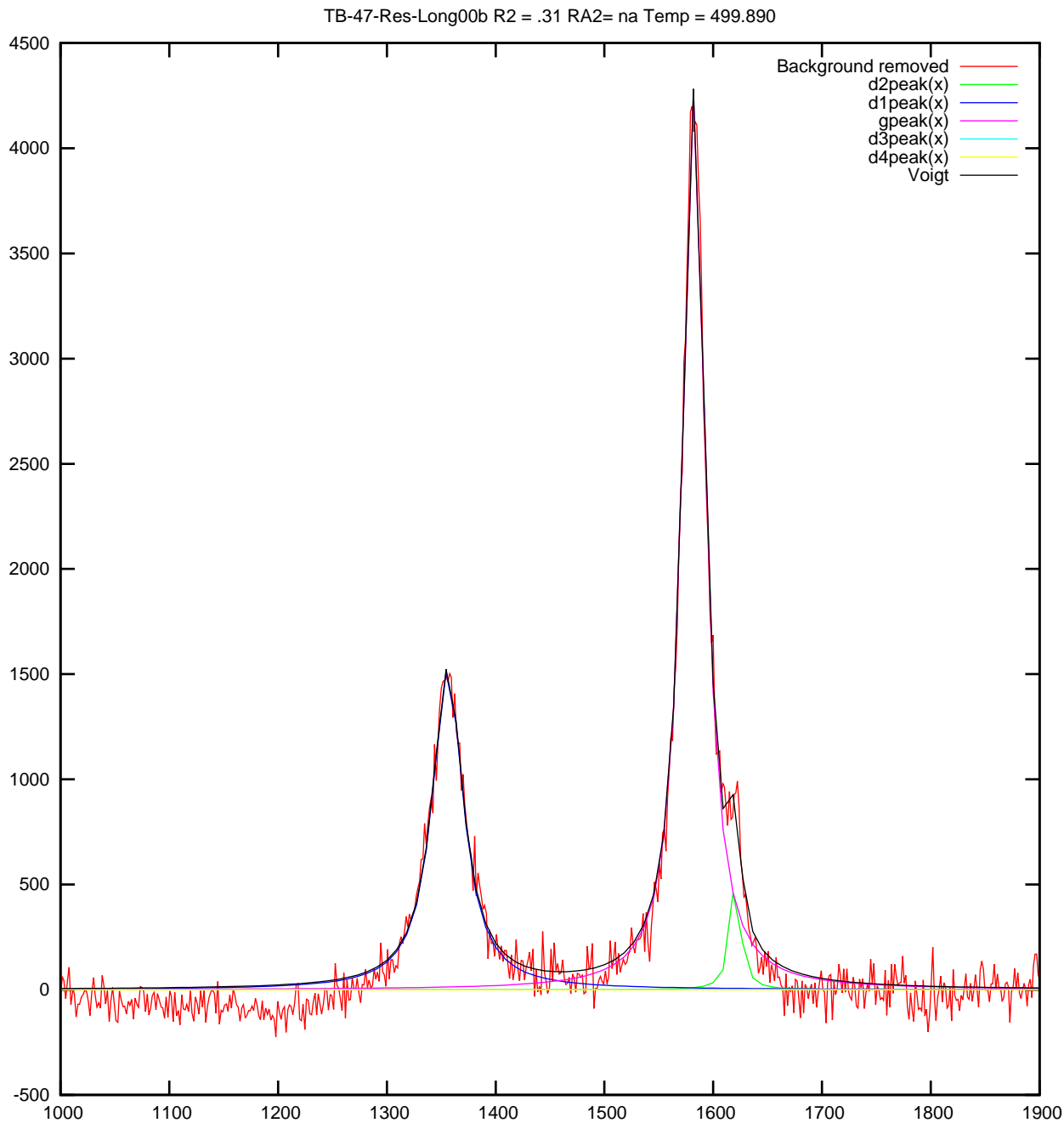
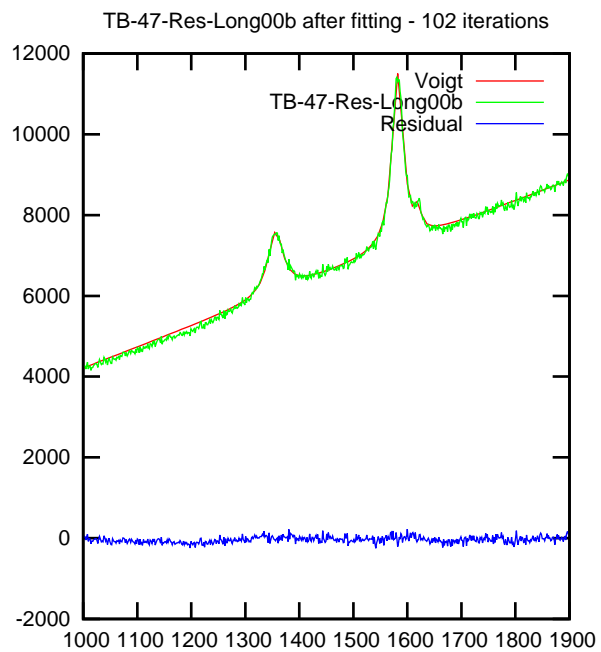
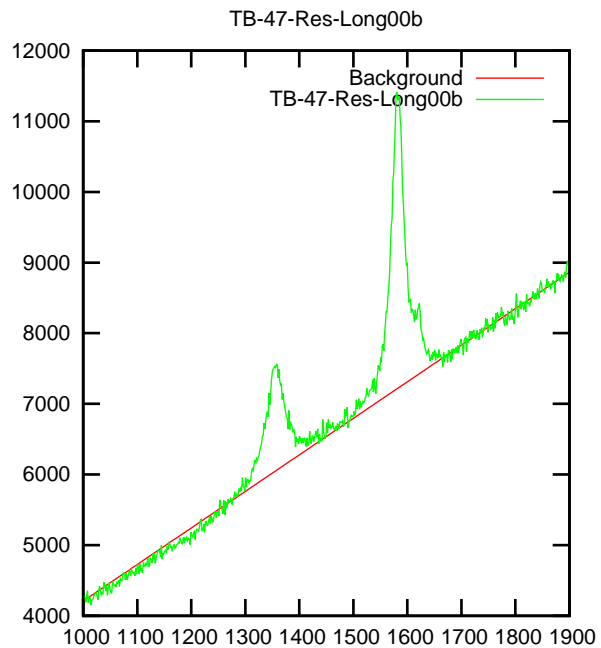
TB-47-Res-Long004 = Noisy

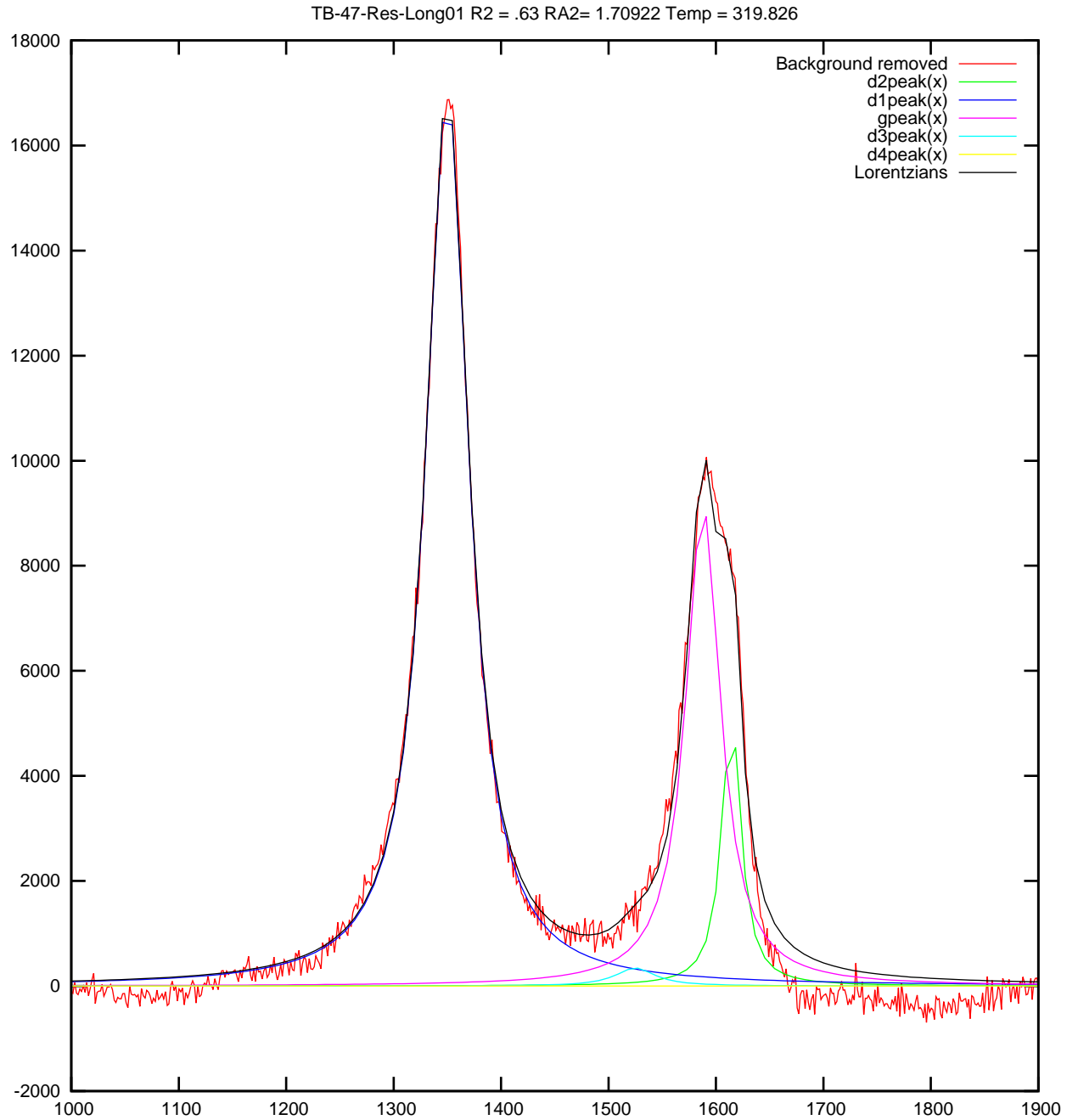
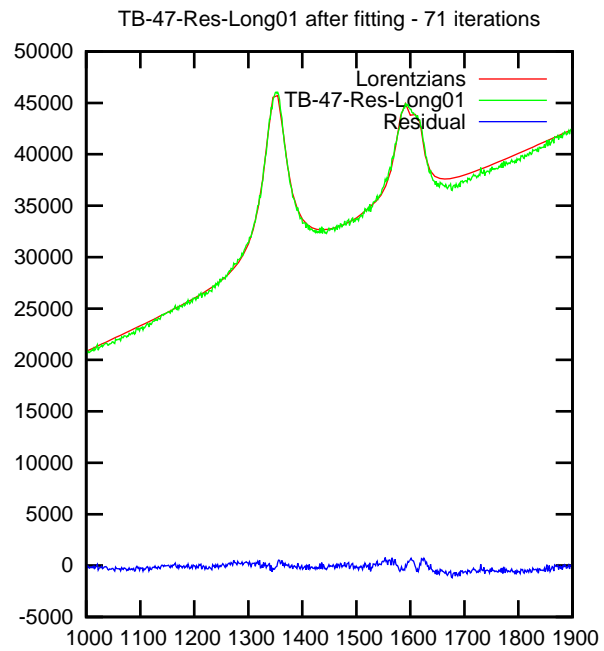
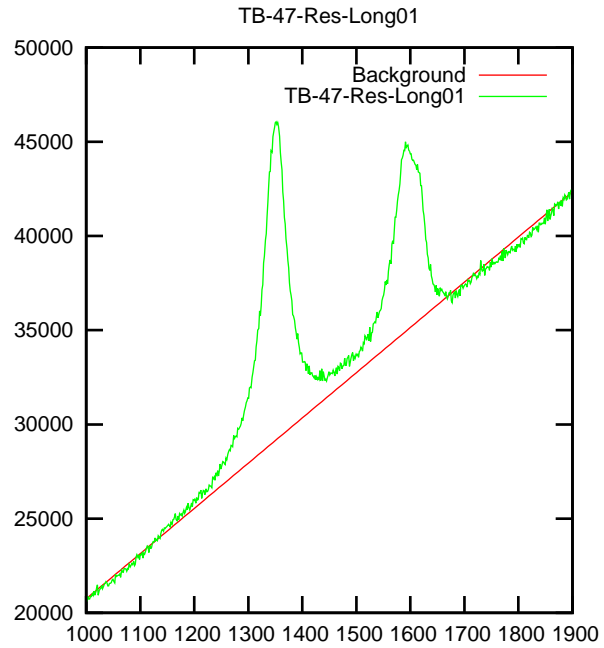


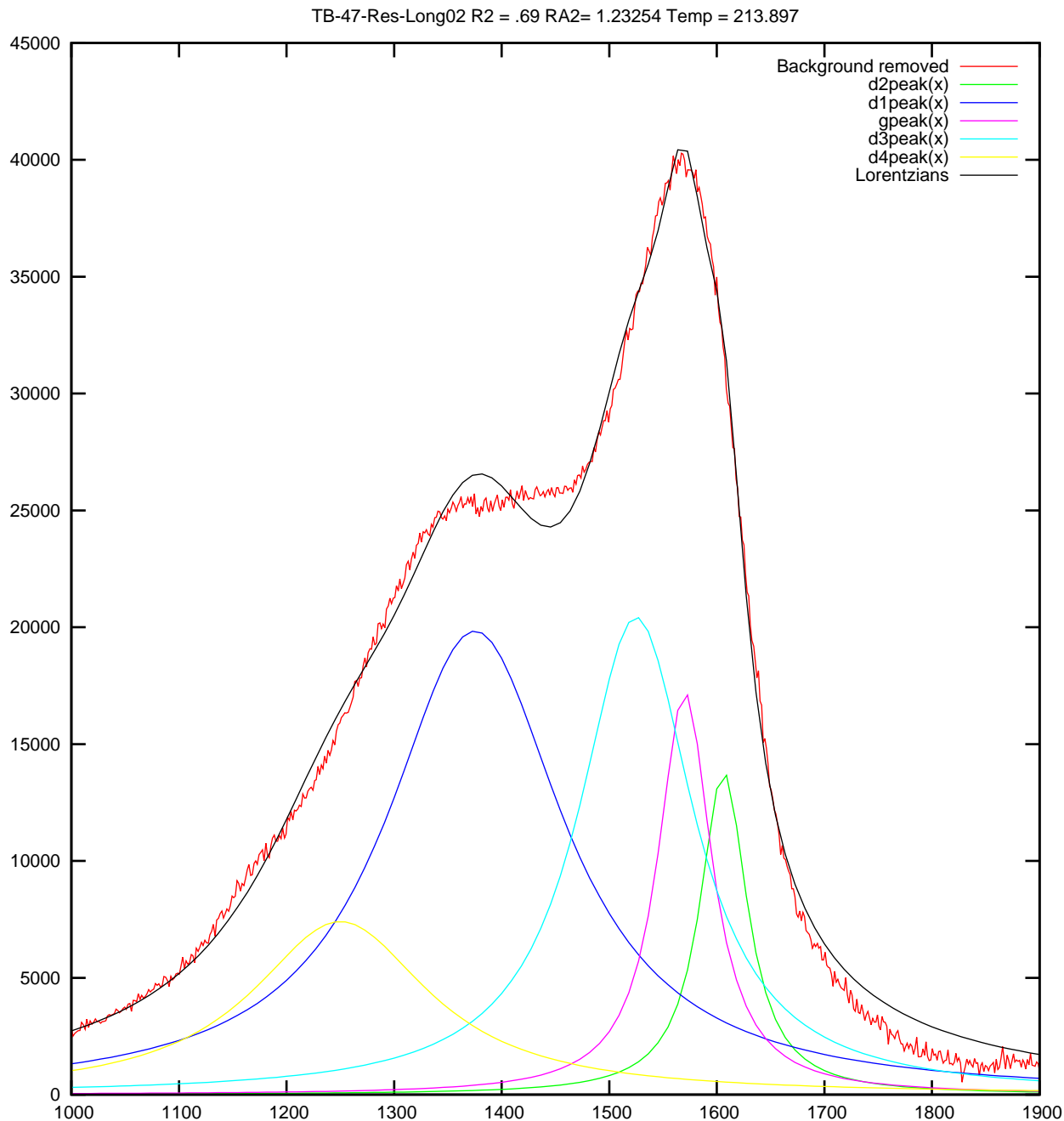
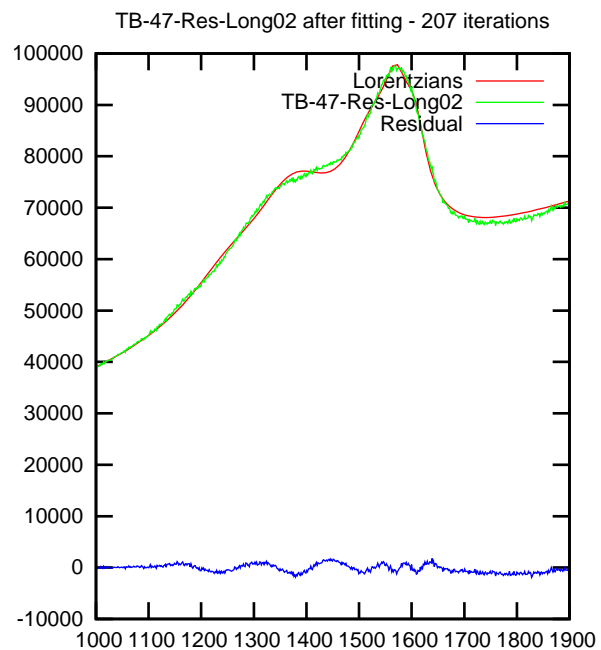
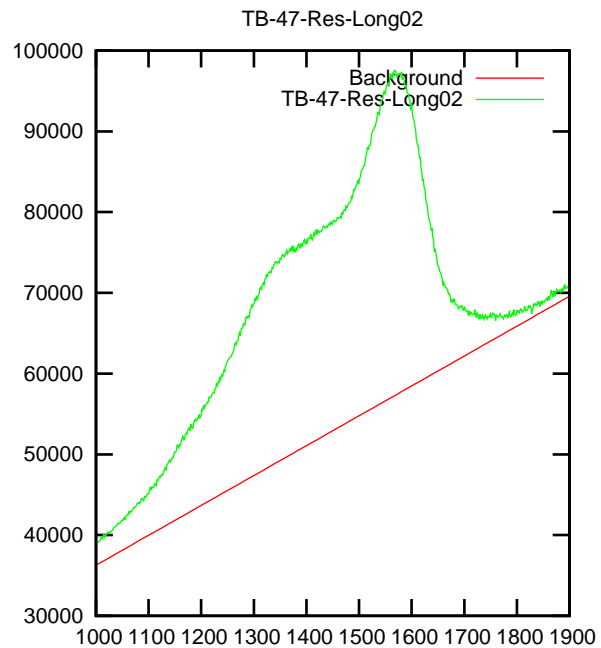
TB-47-Res-Long004 = Noisy

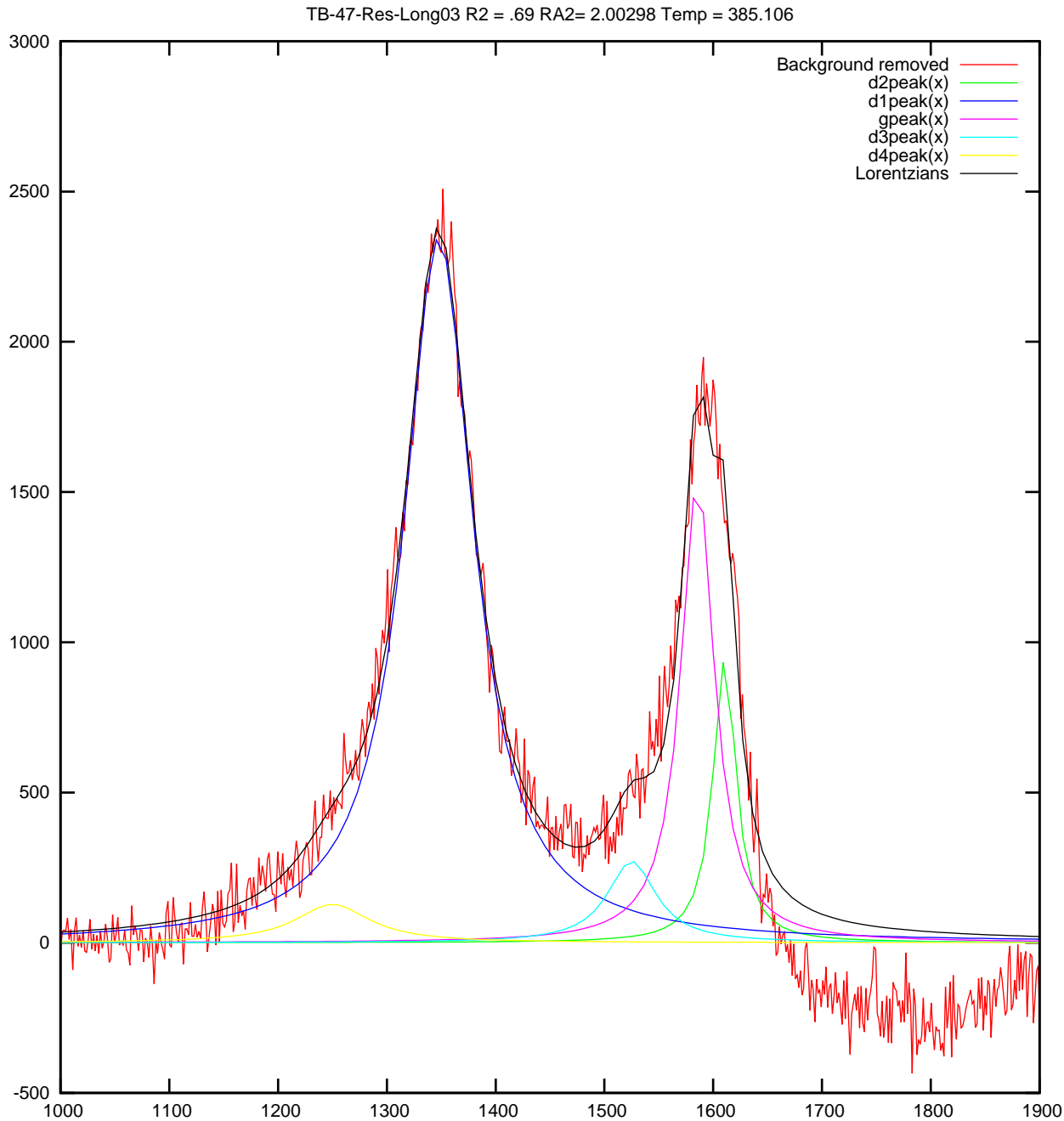
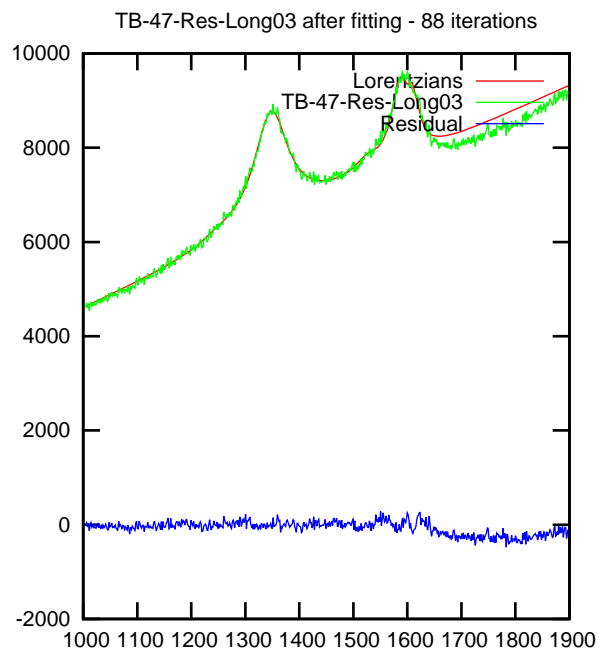
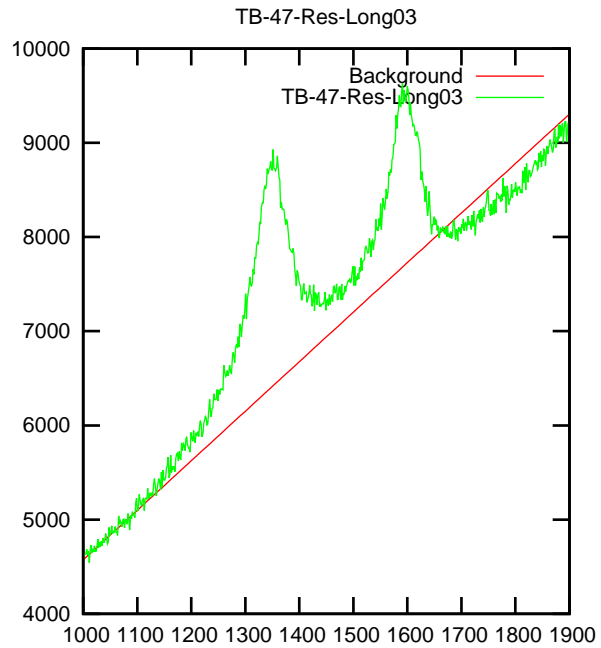


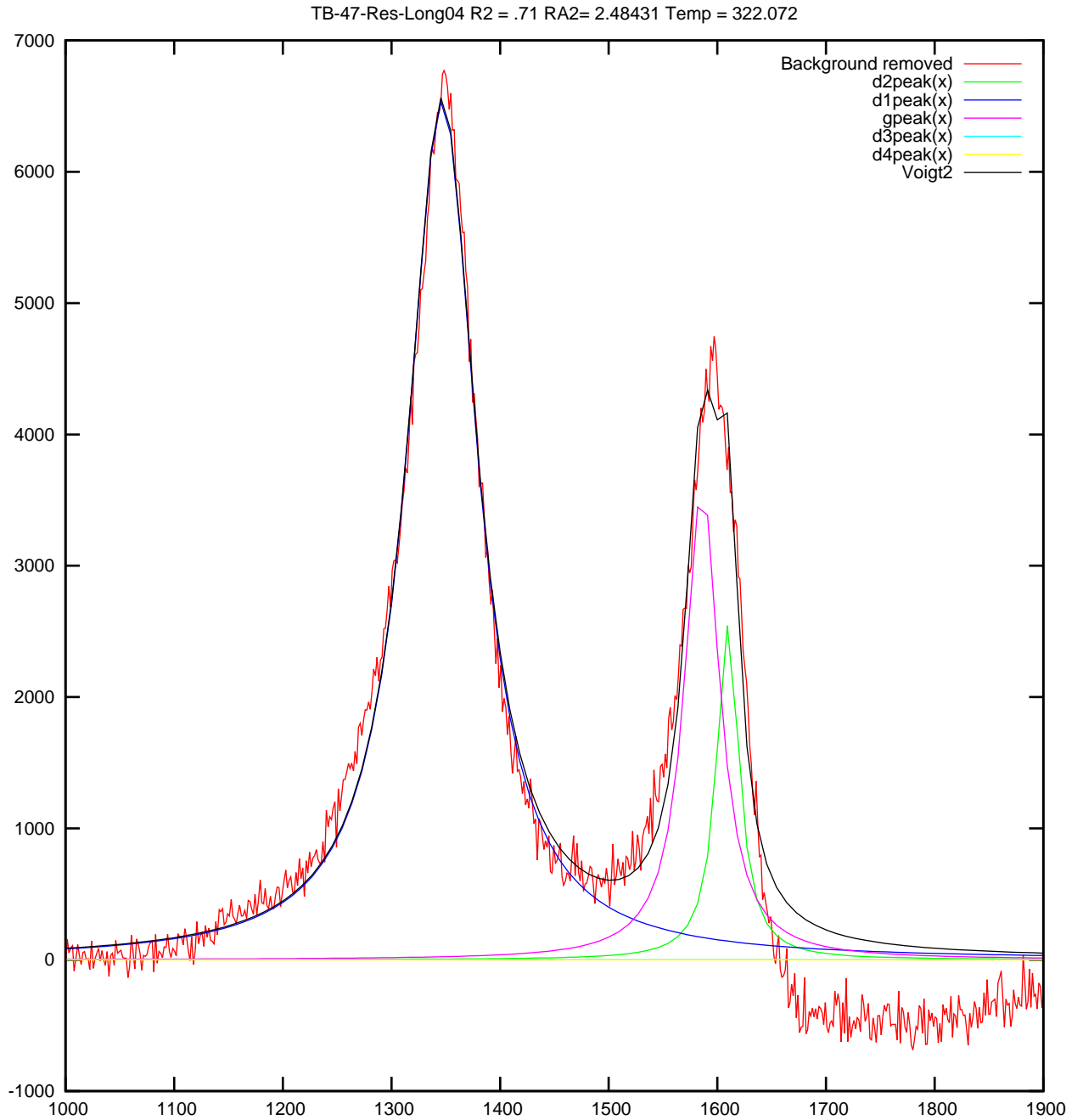
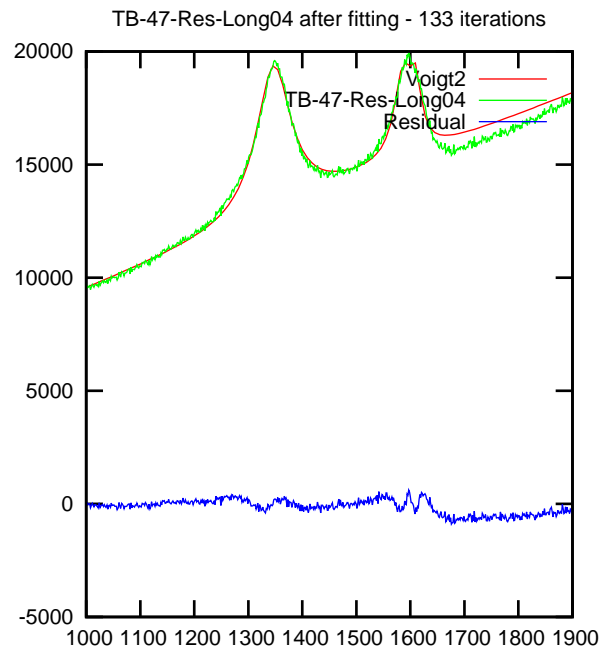
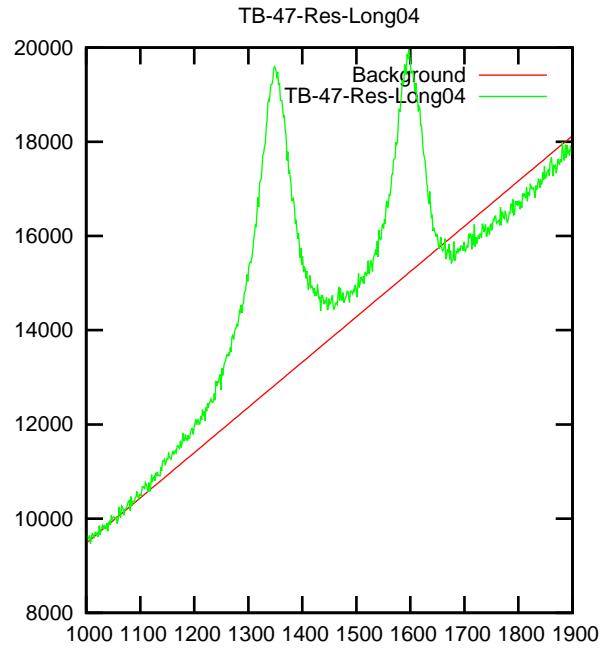


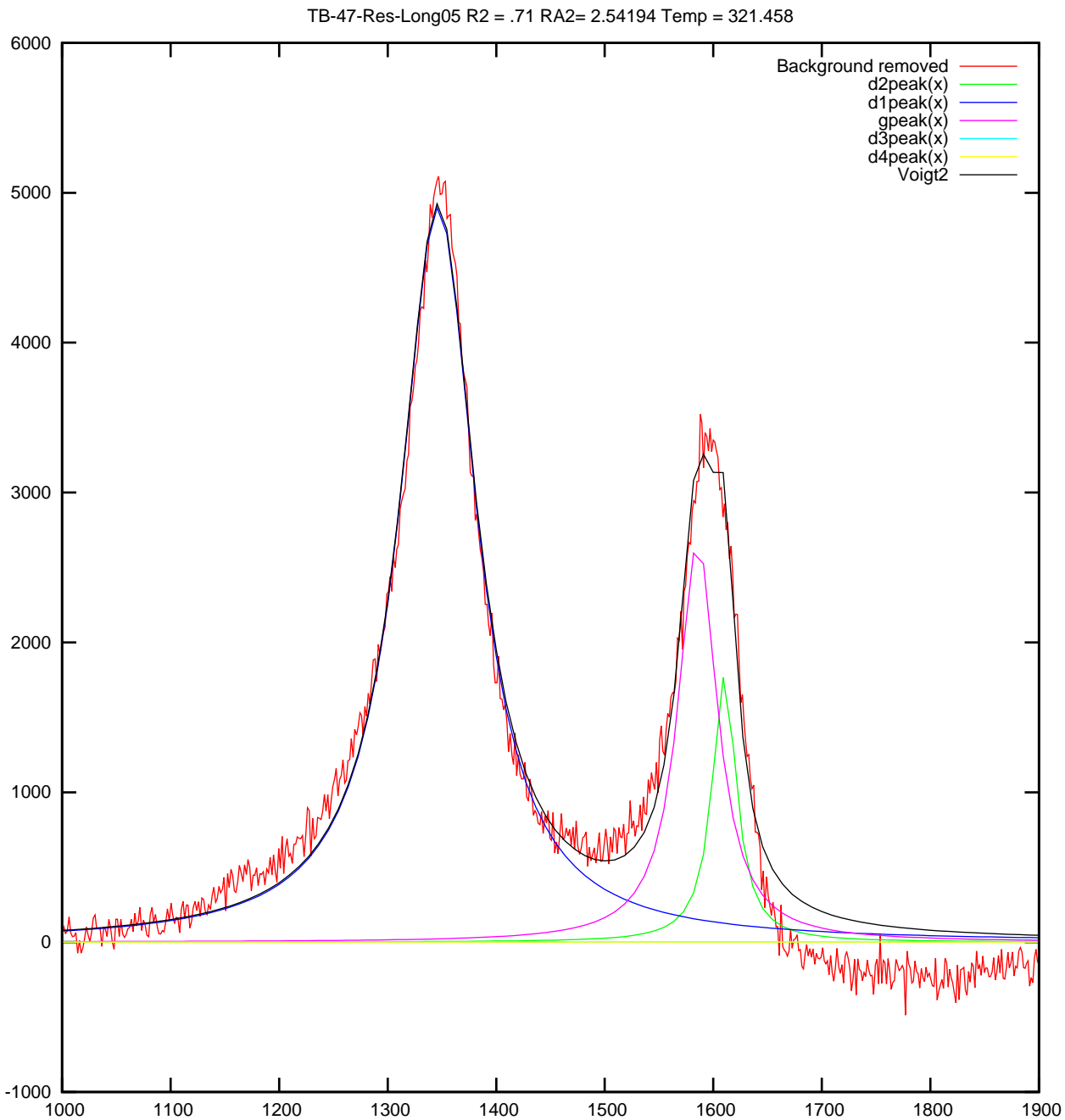
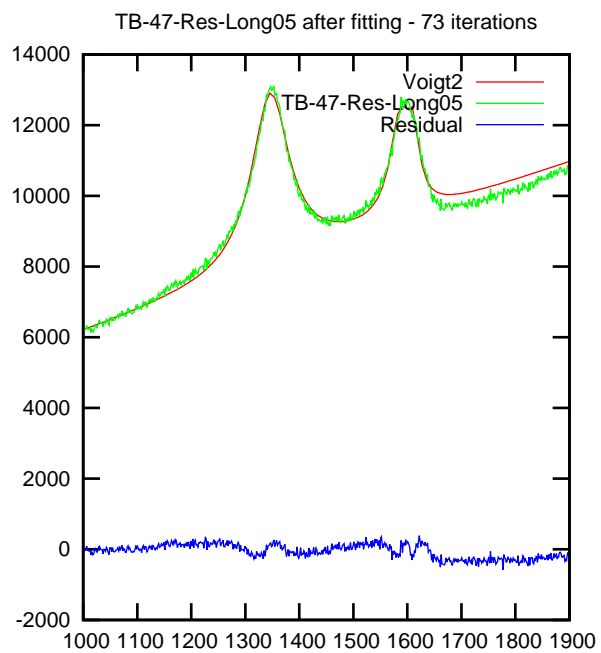
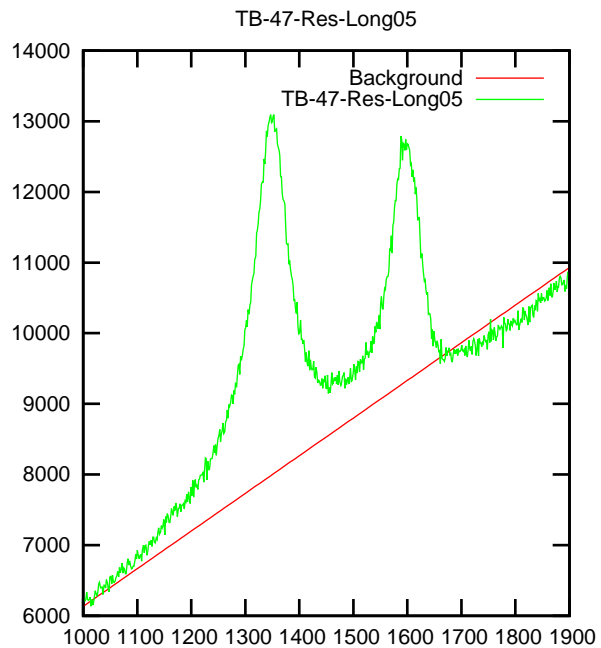


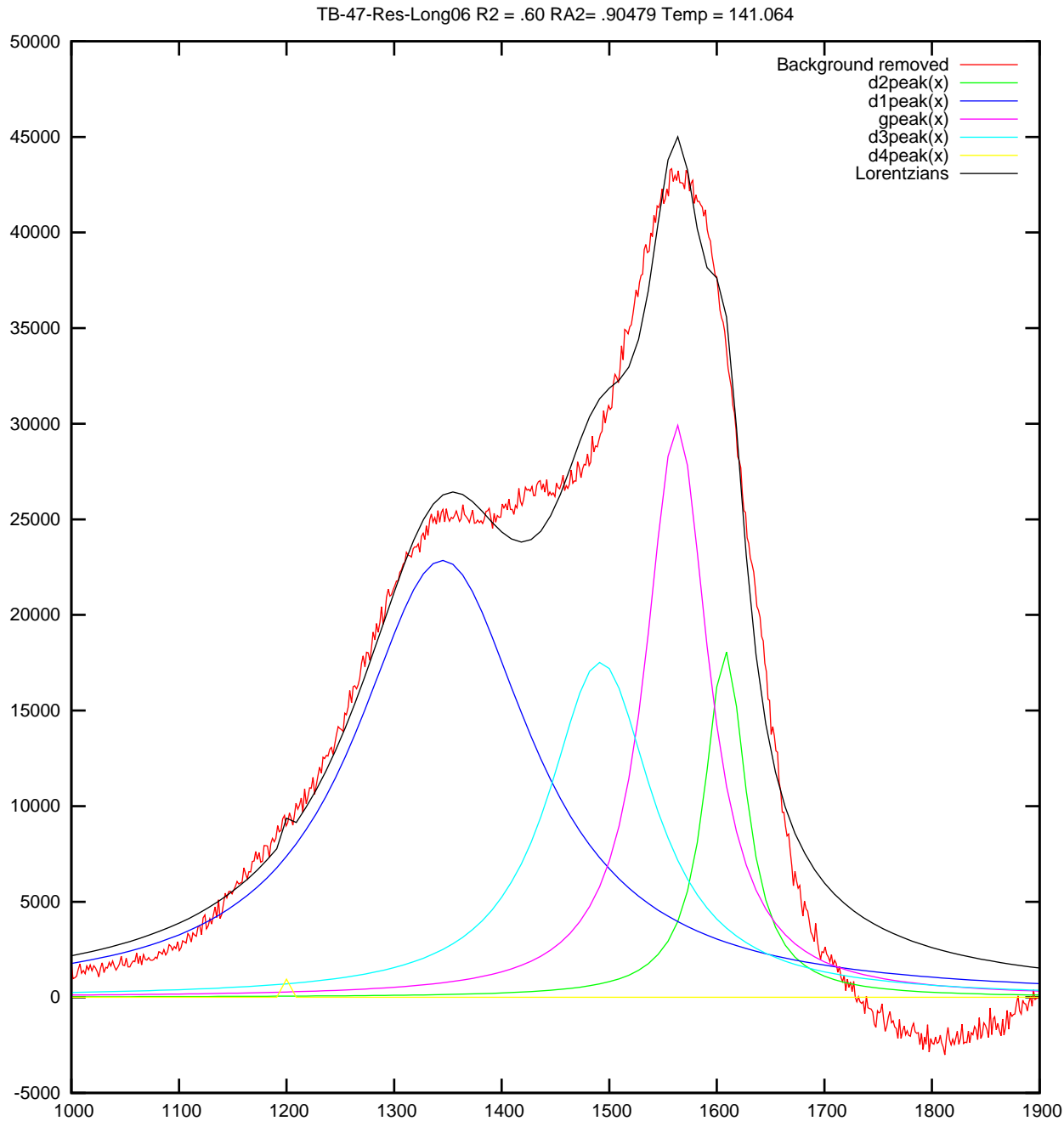
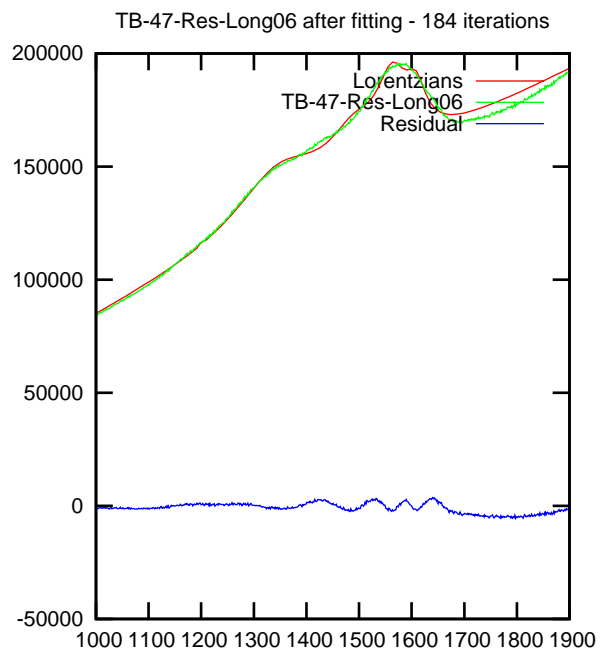
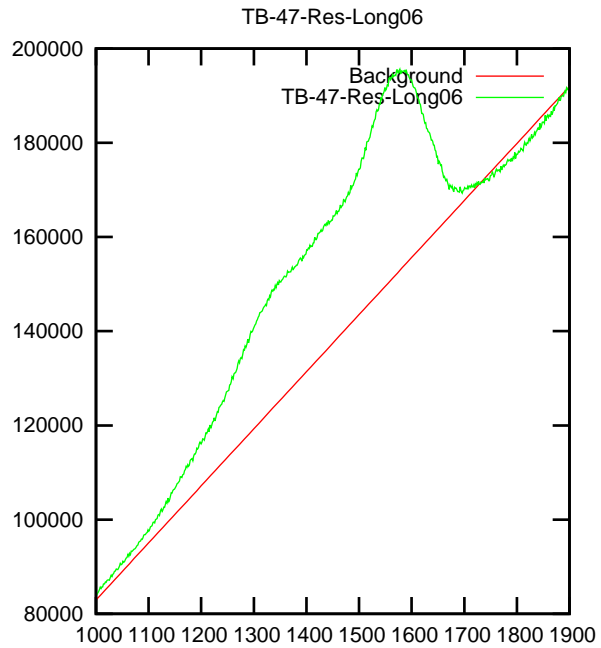


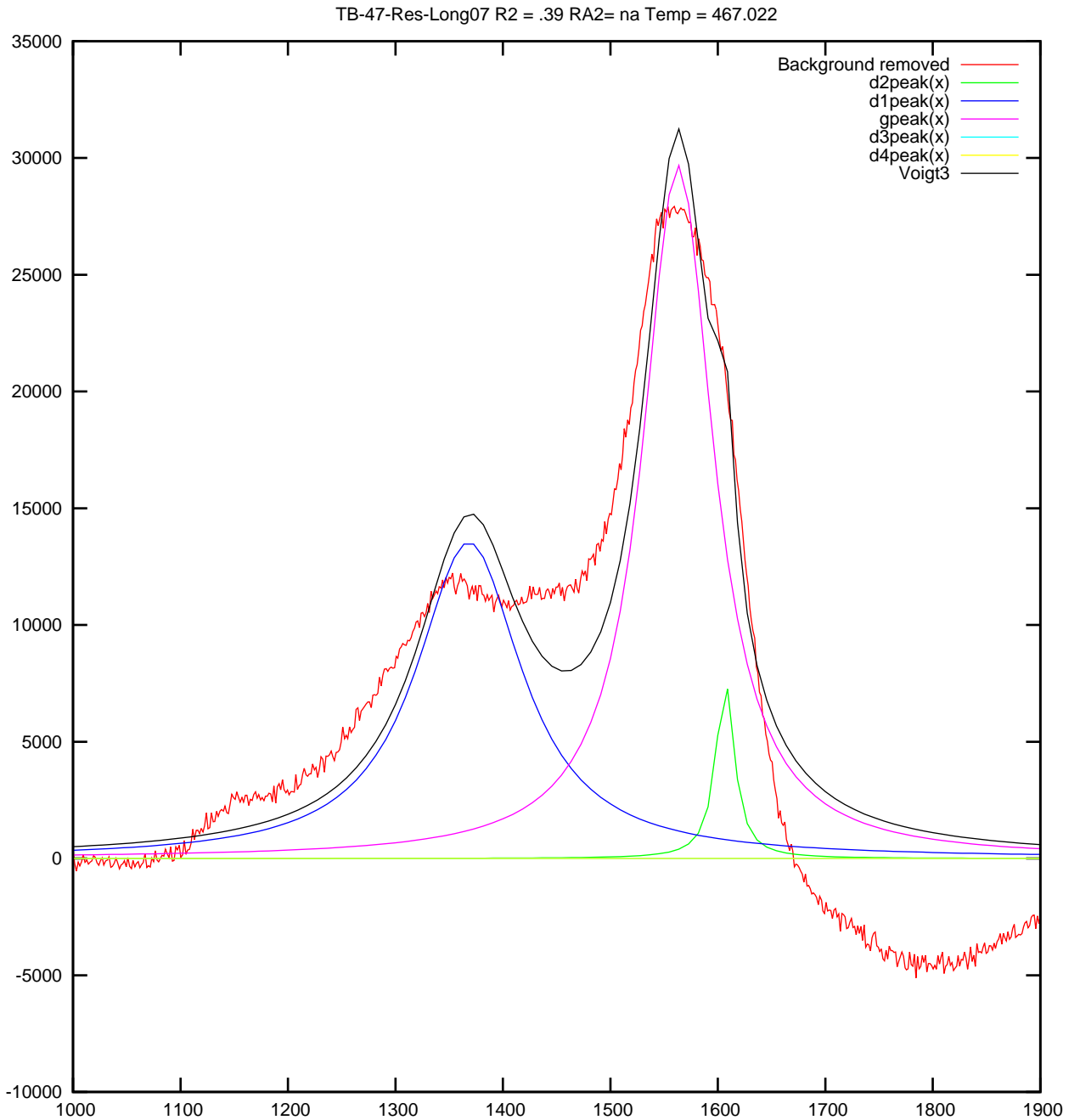
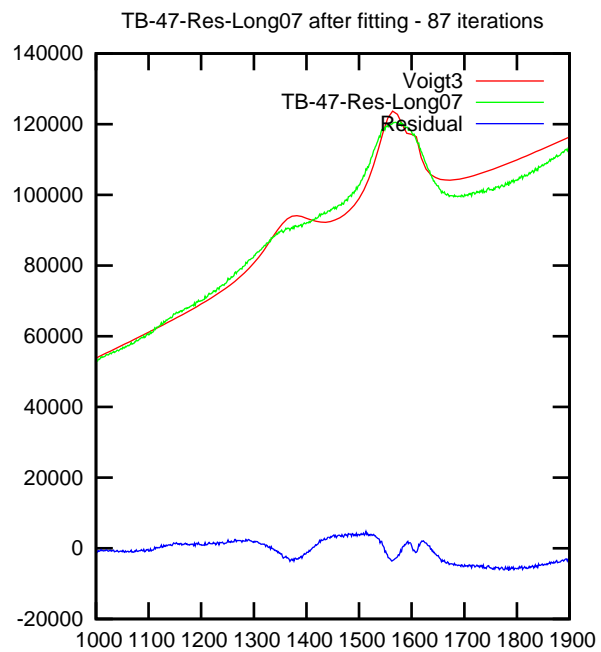
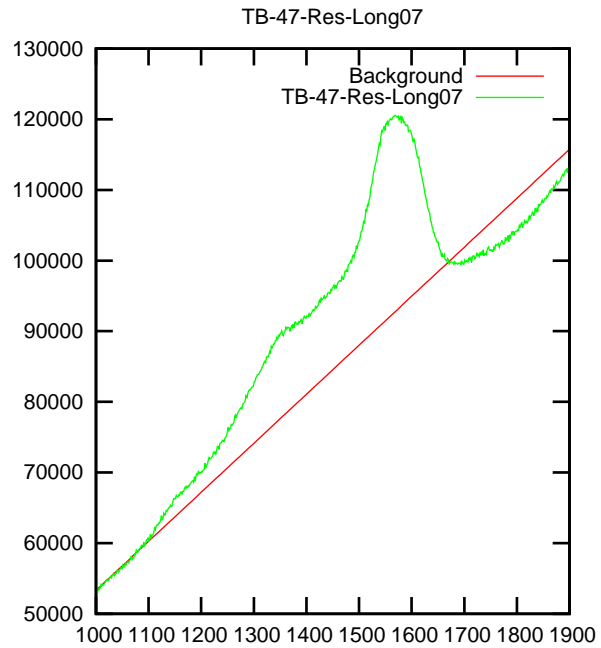




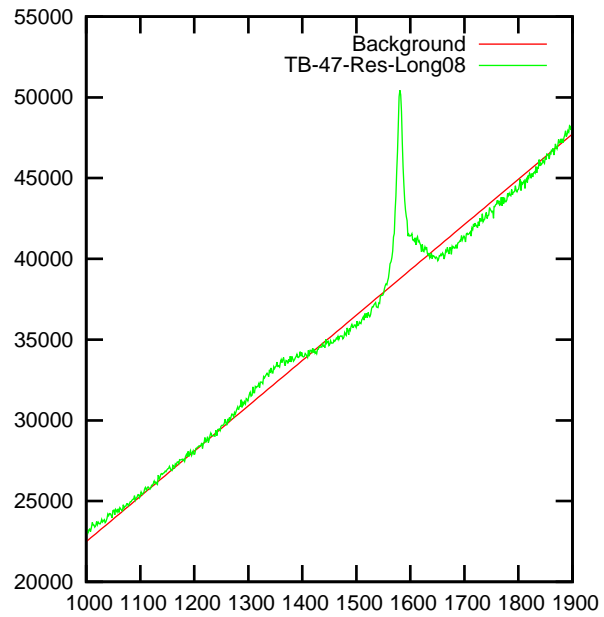




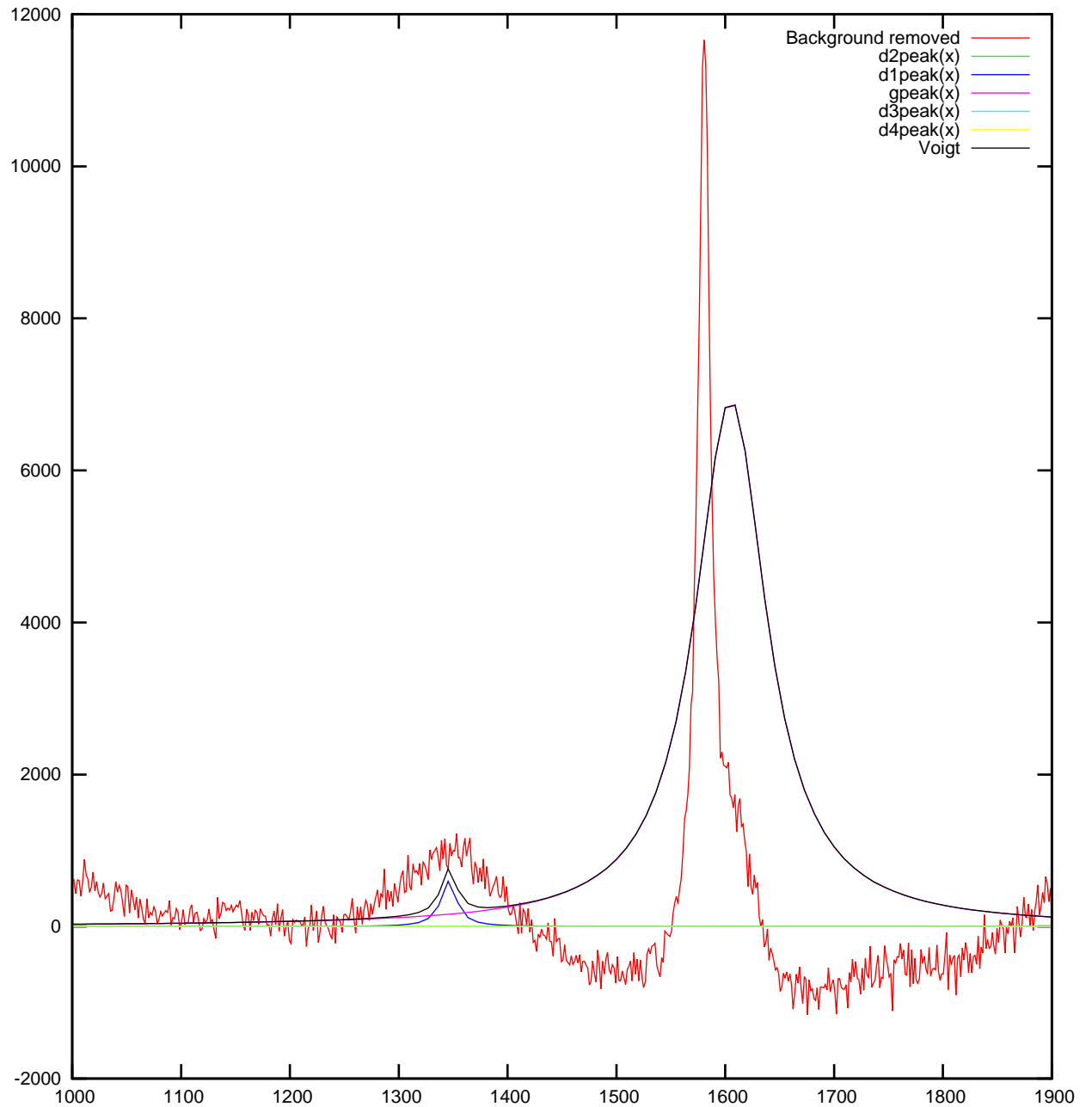




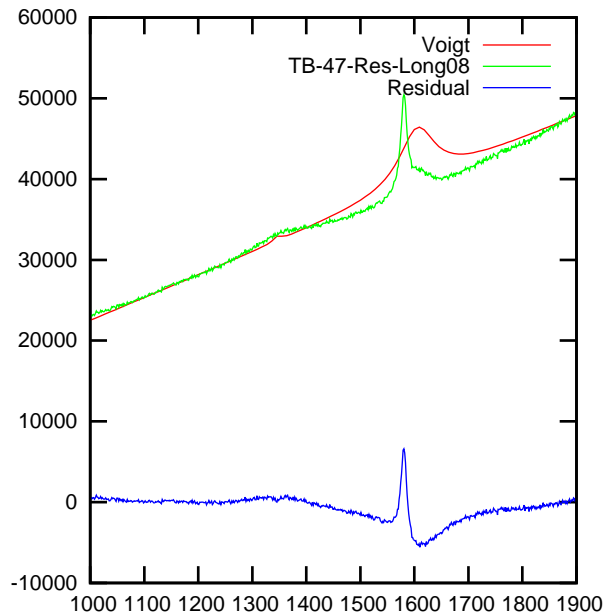
TB-47-Res-Long08

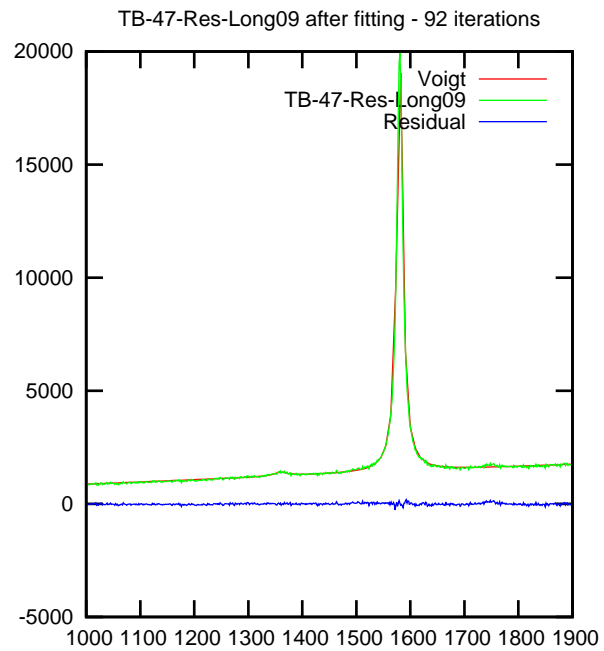
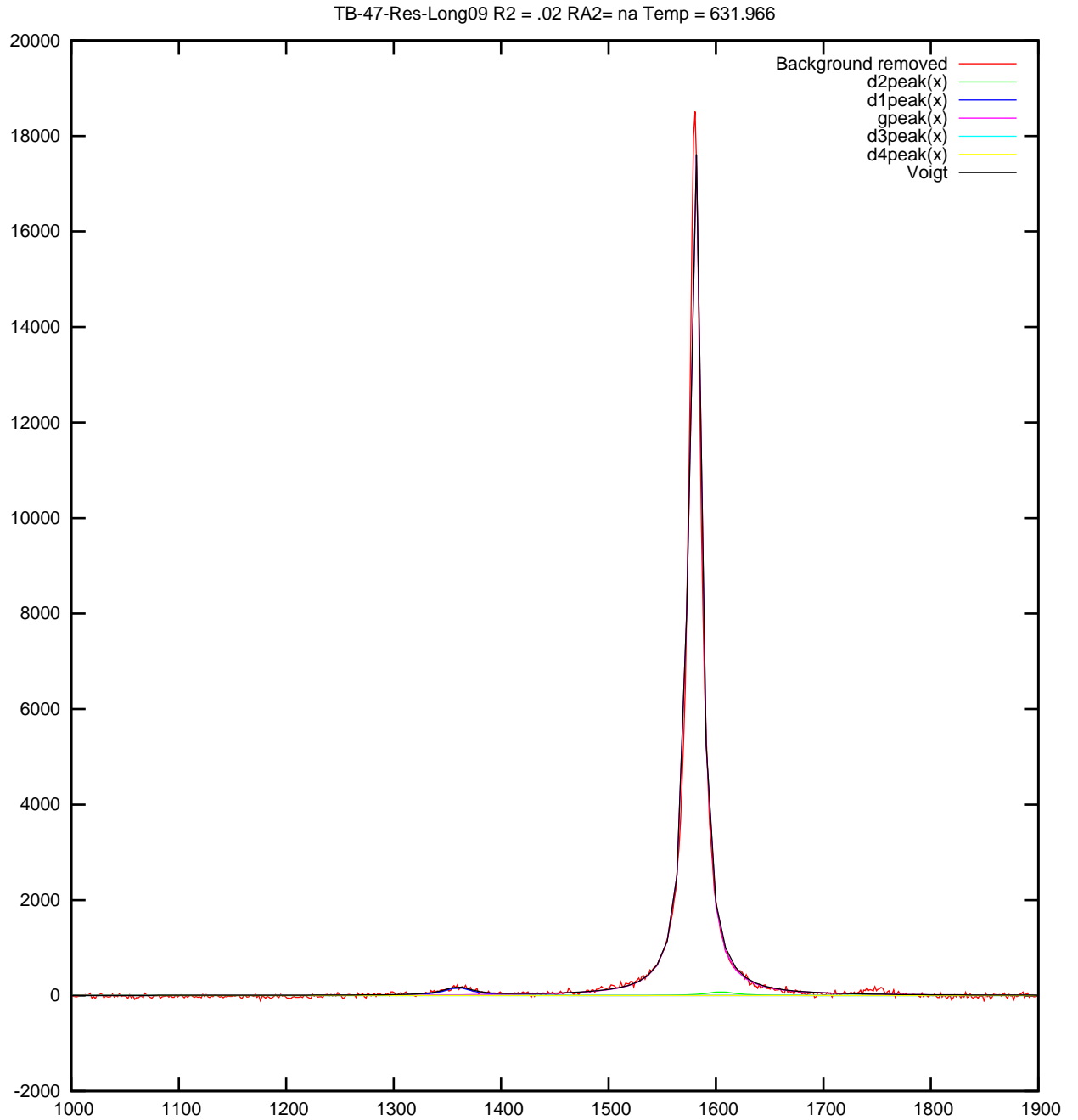
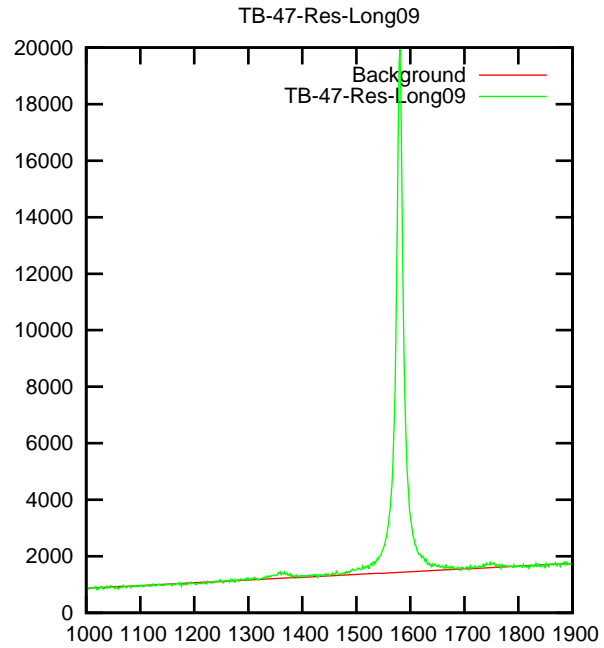


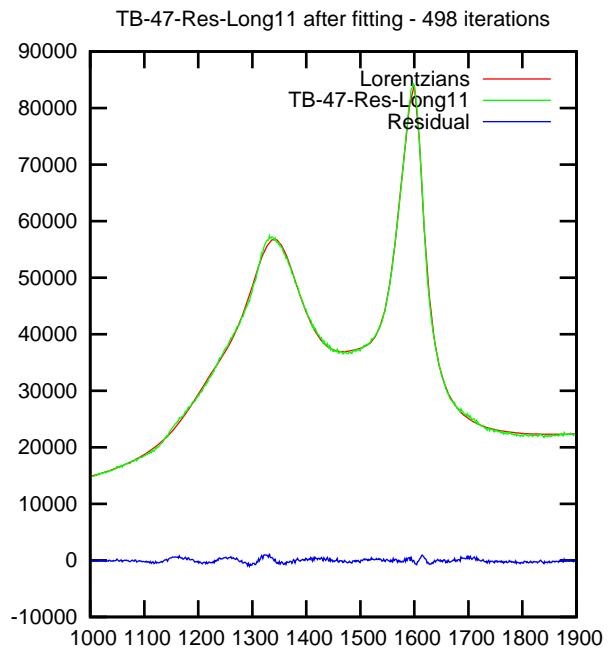
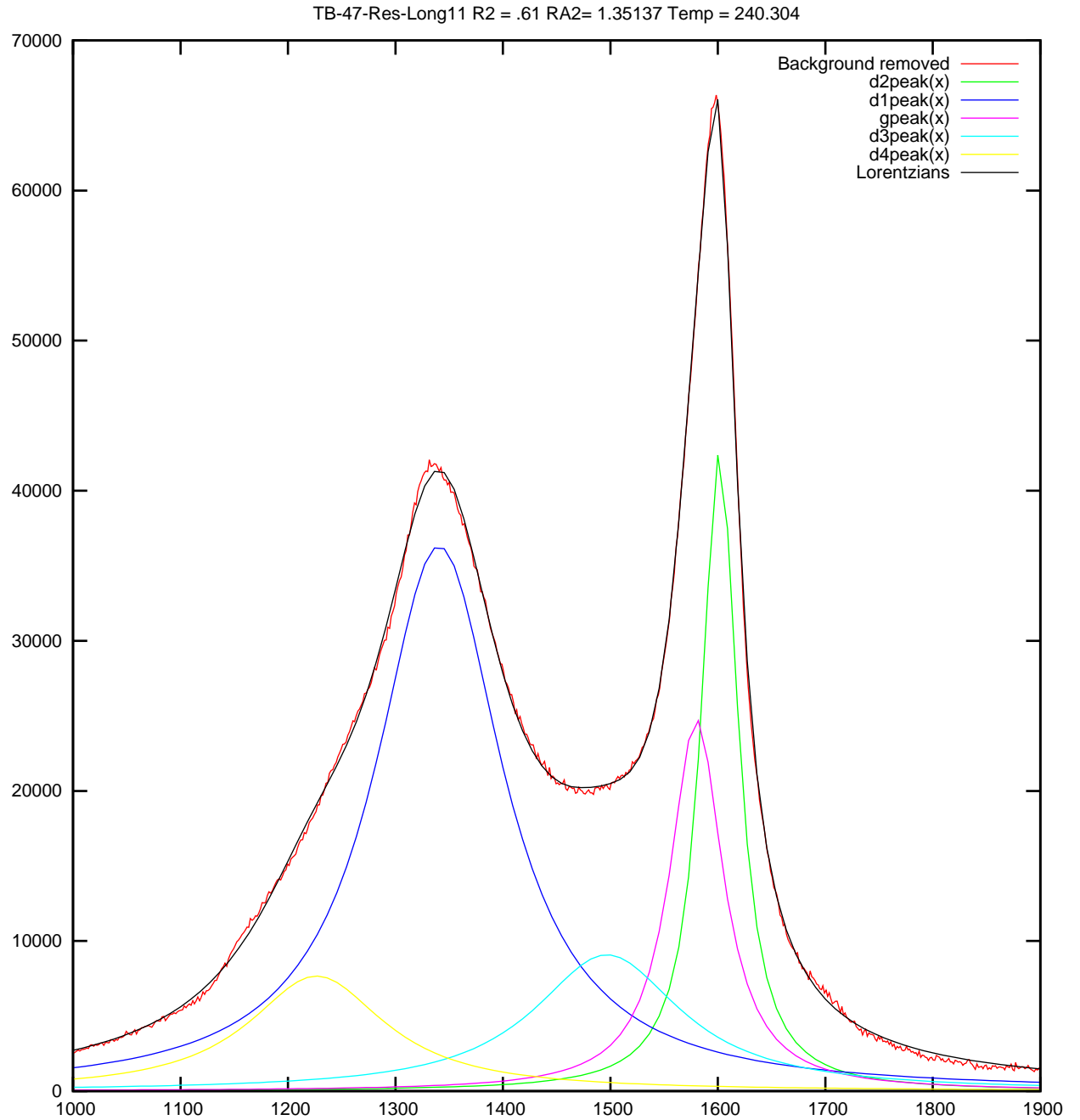
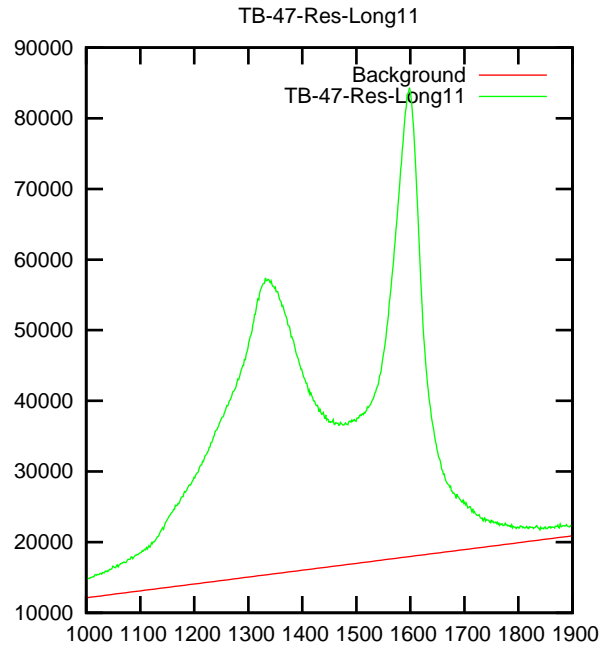
TB-47-Res-Long08 R2 = .01 RA2= na Temp = 632.852

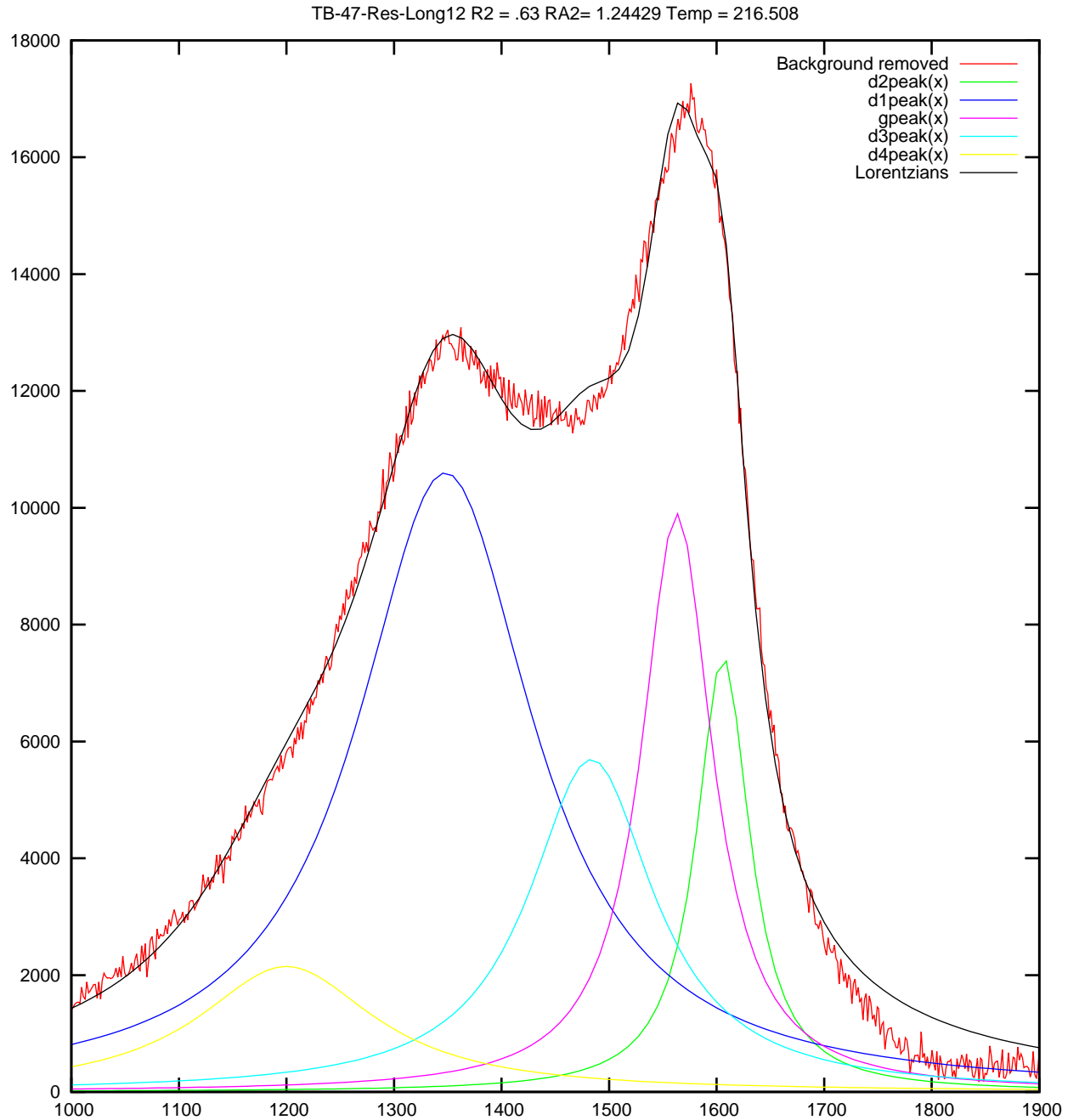
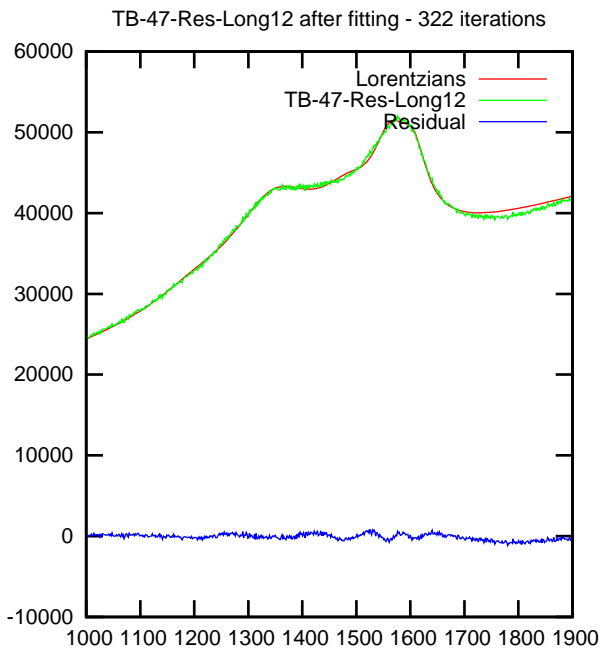
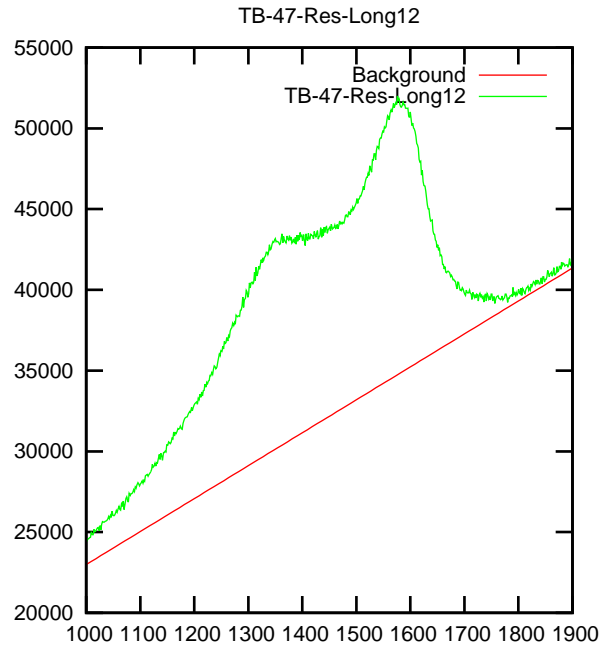


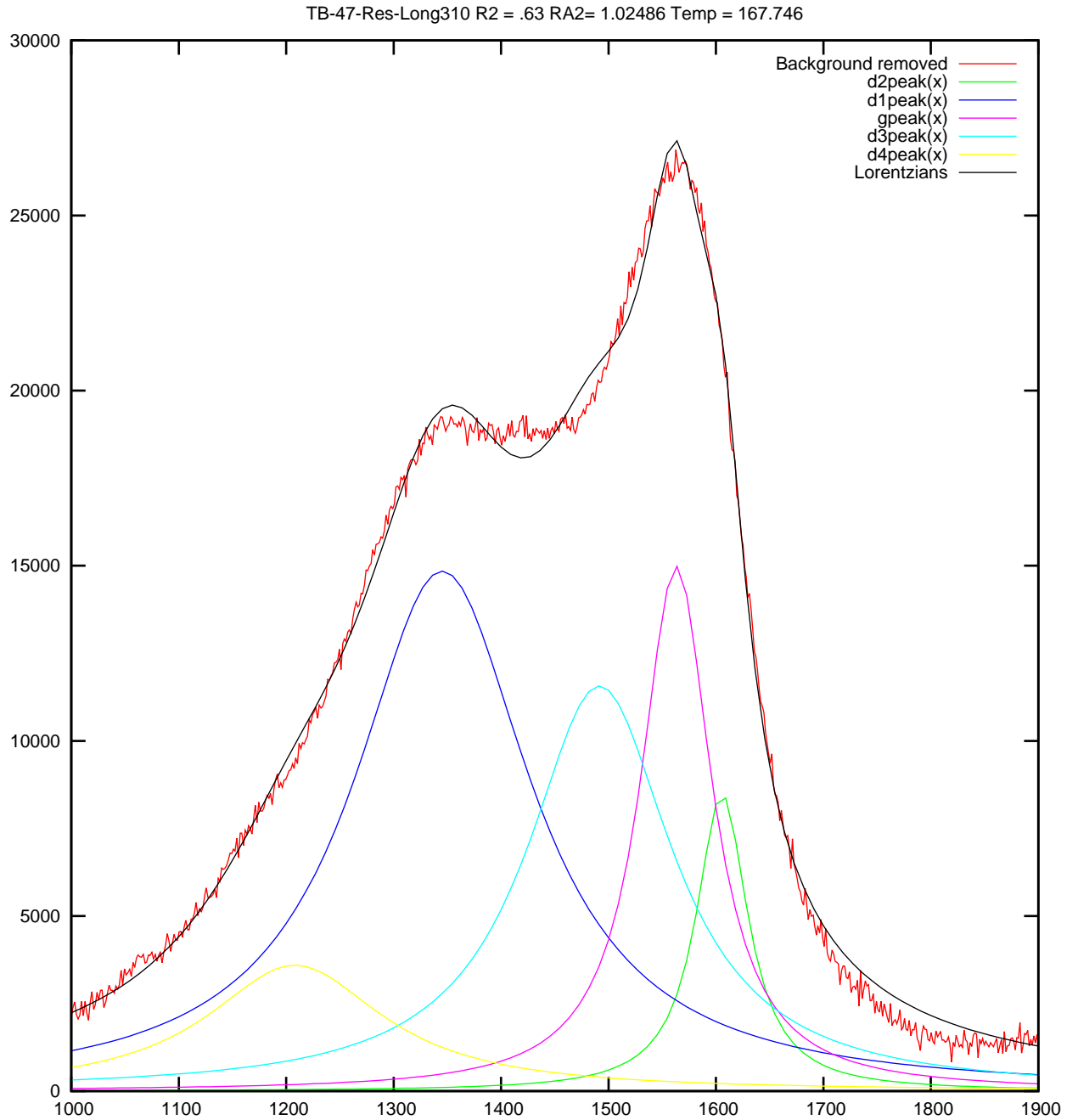
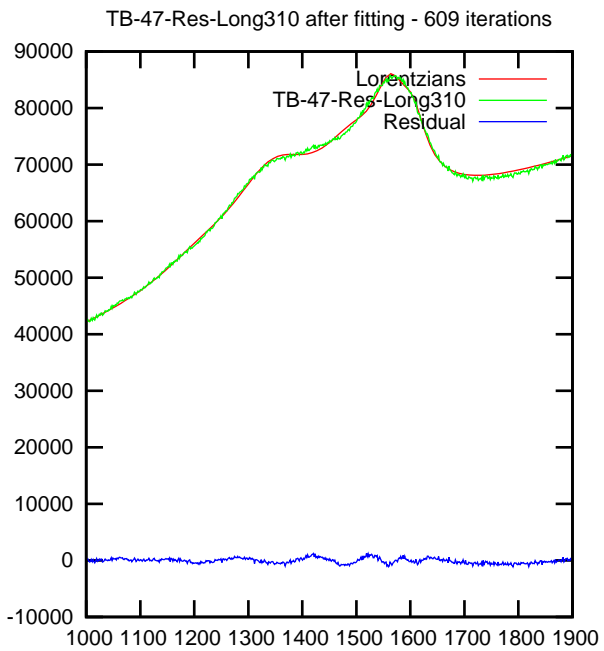
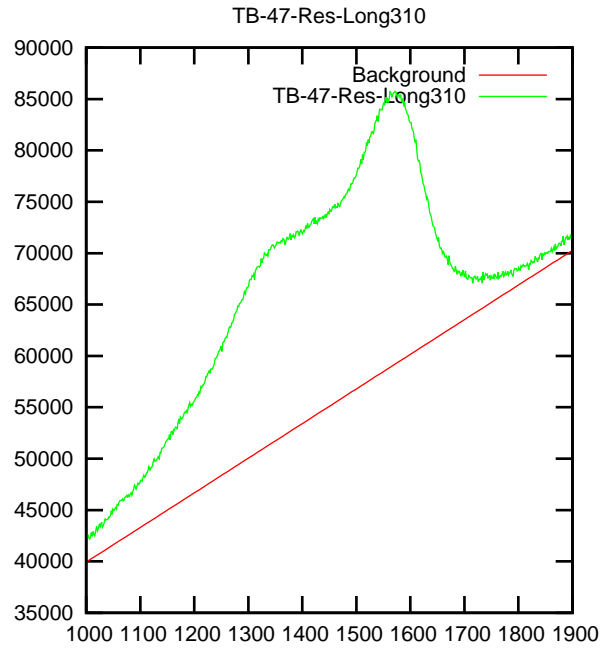
TB-47-Res-Long08 after fitting - 10000+ iterations

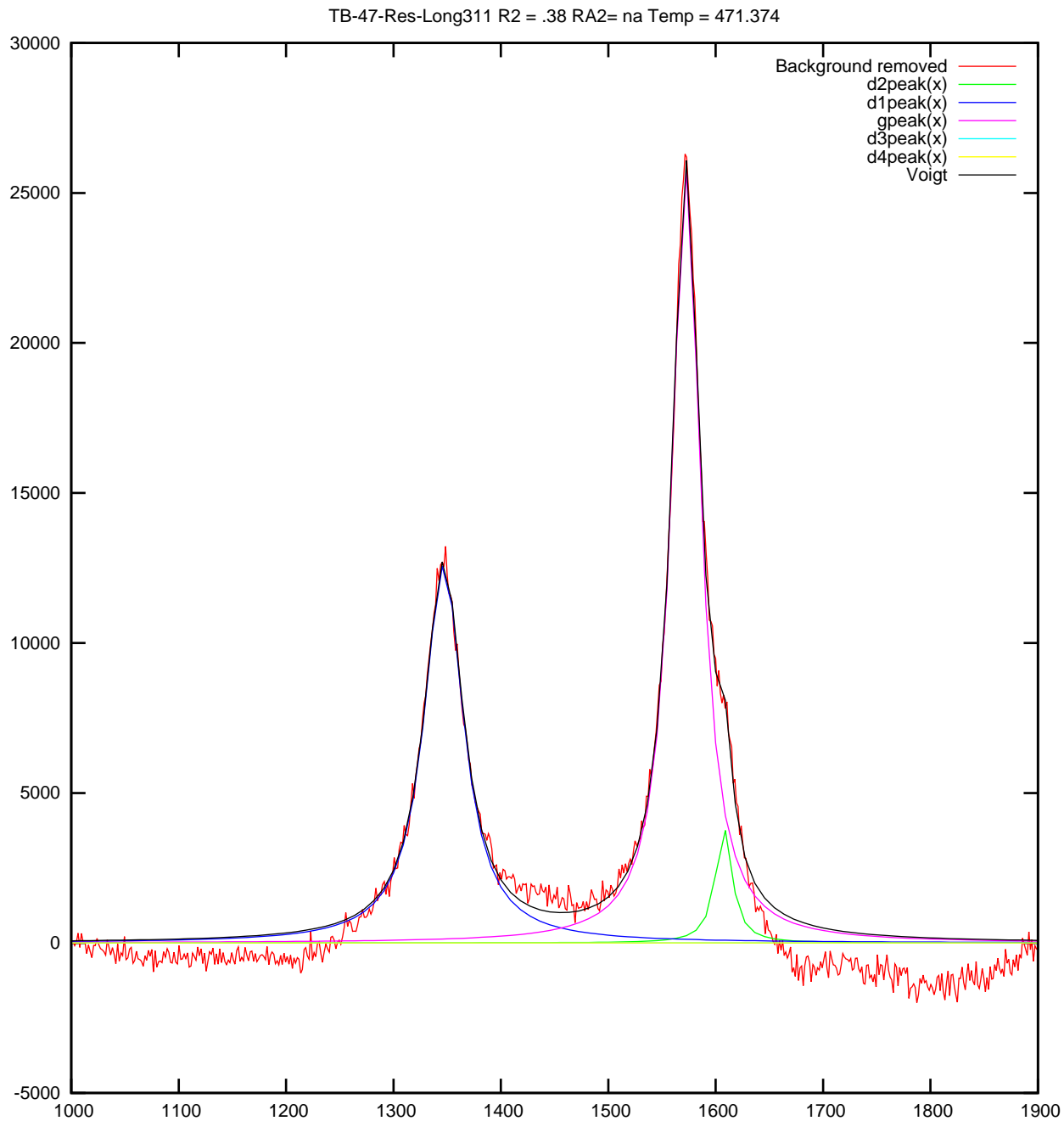
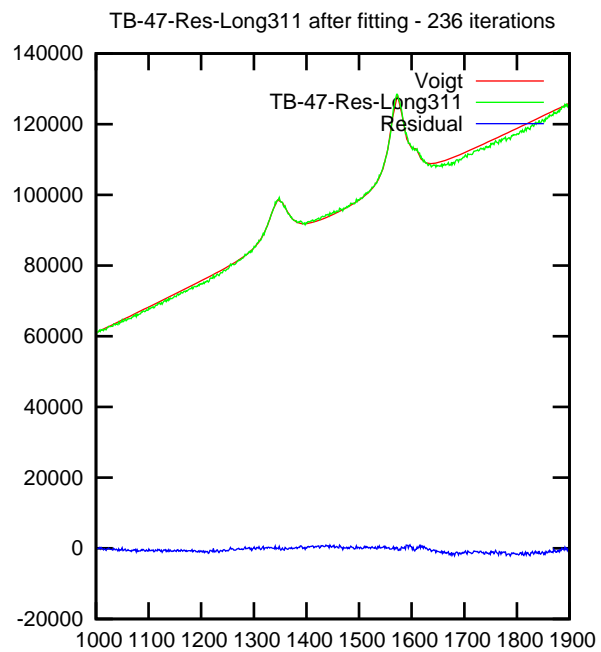
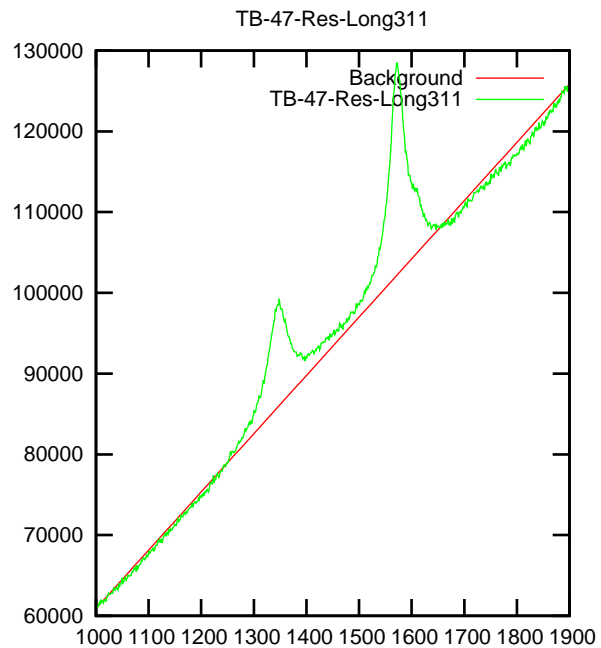


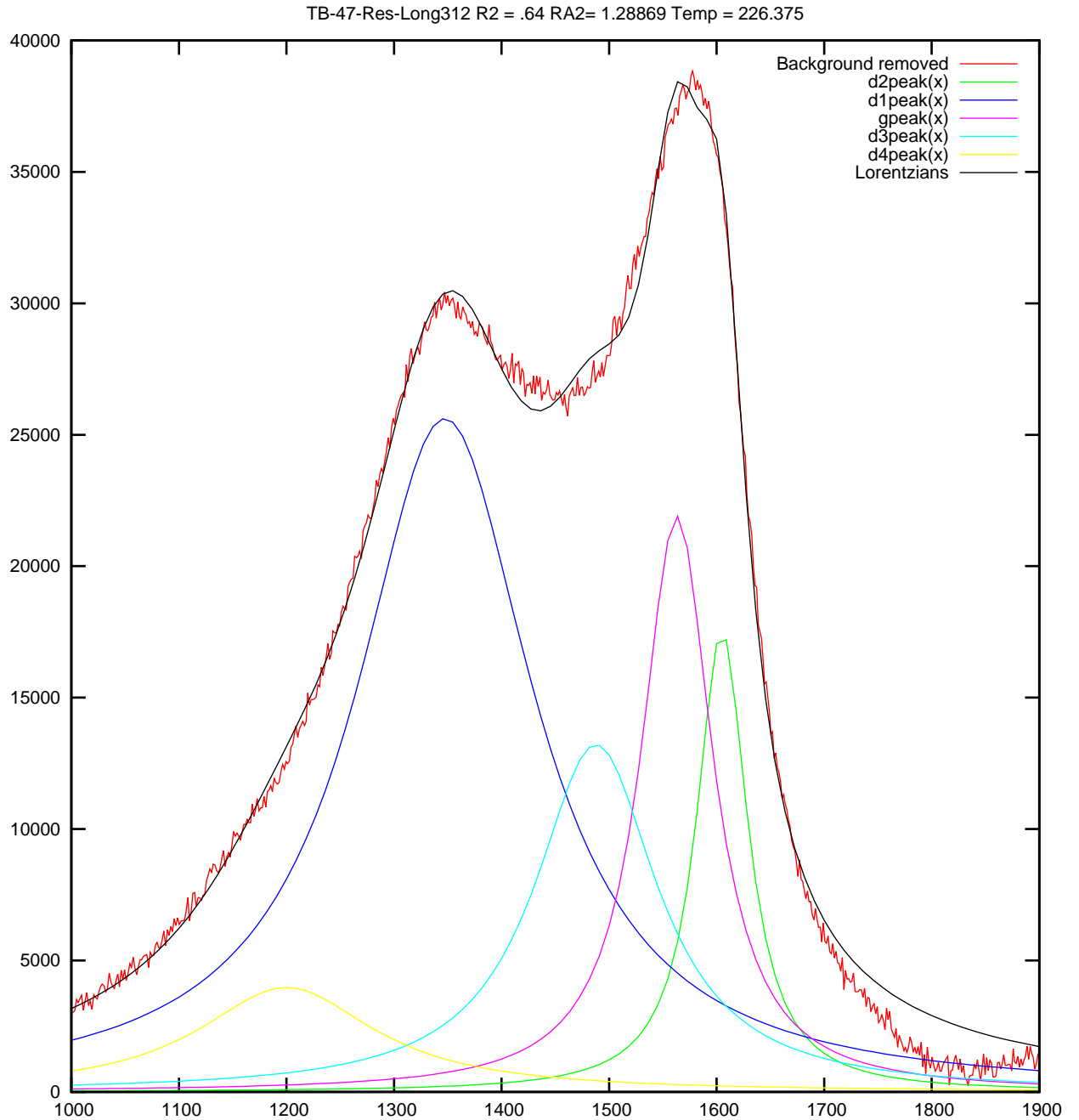
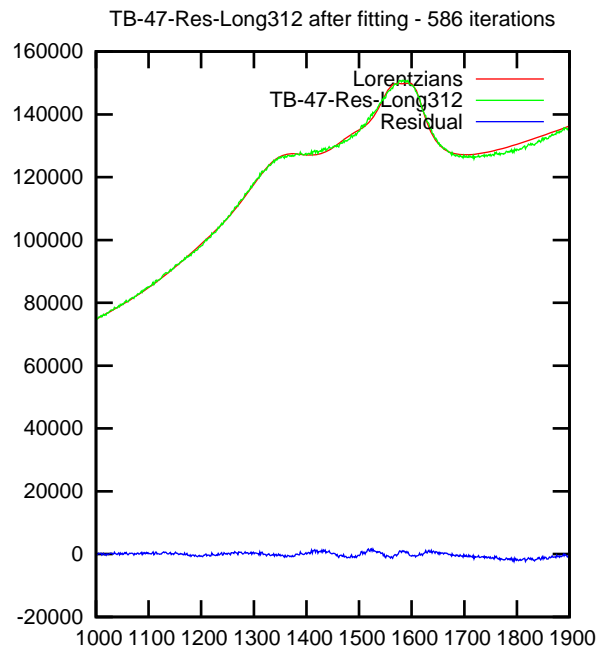
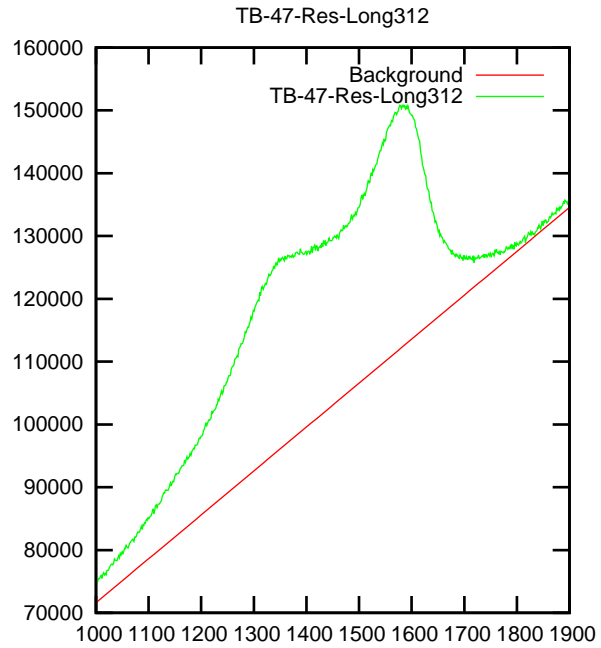


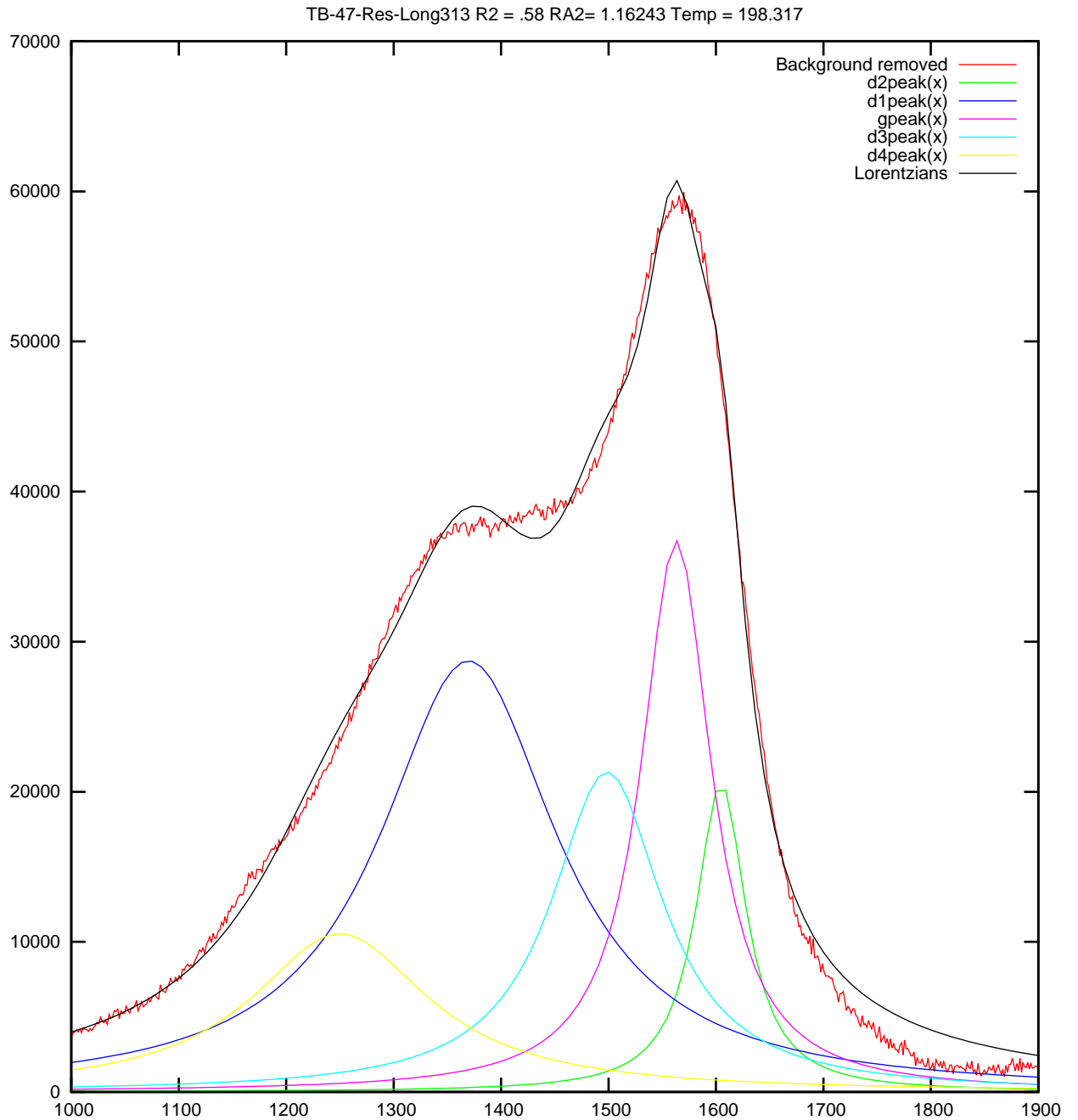
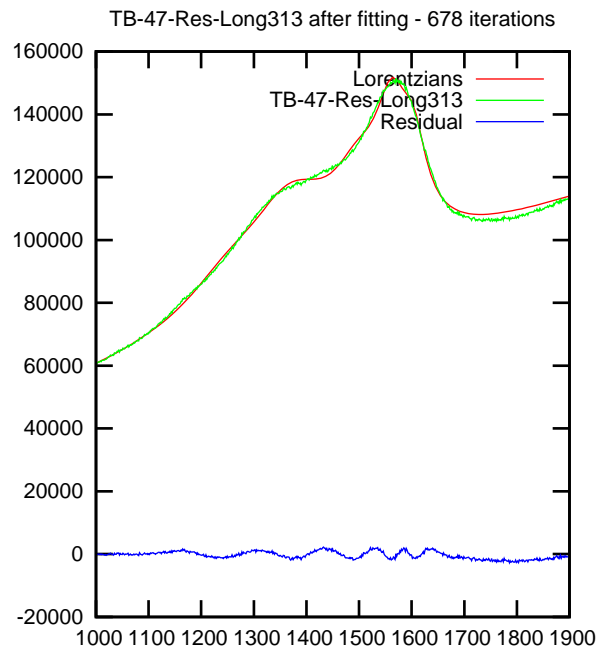
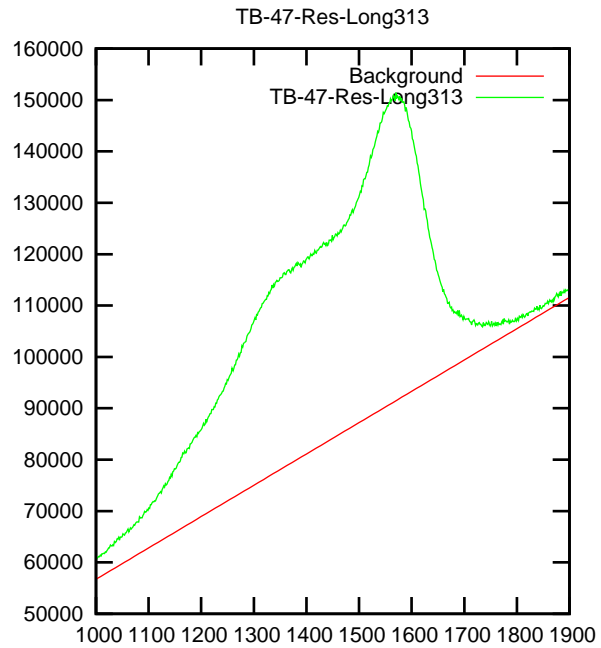


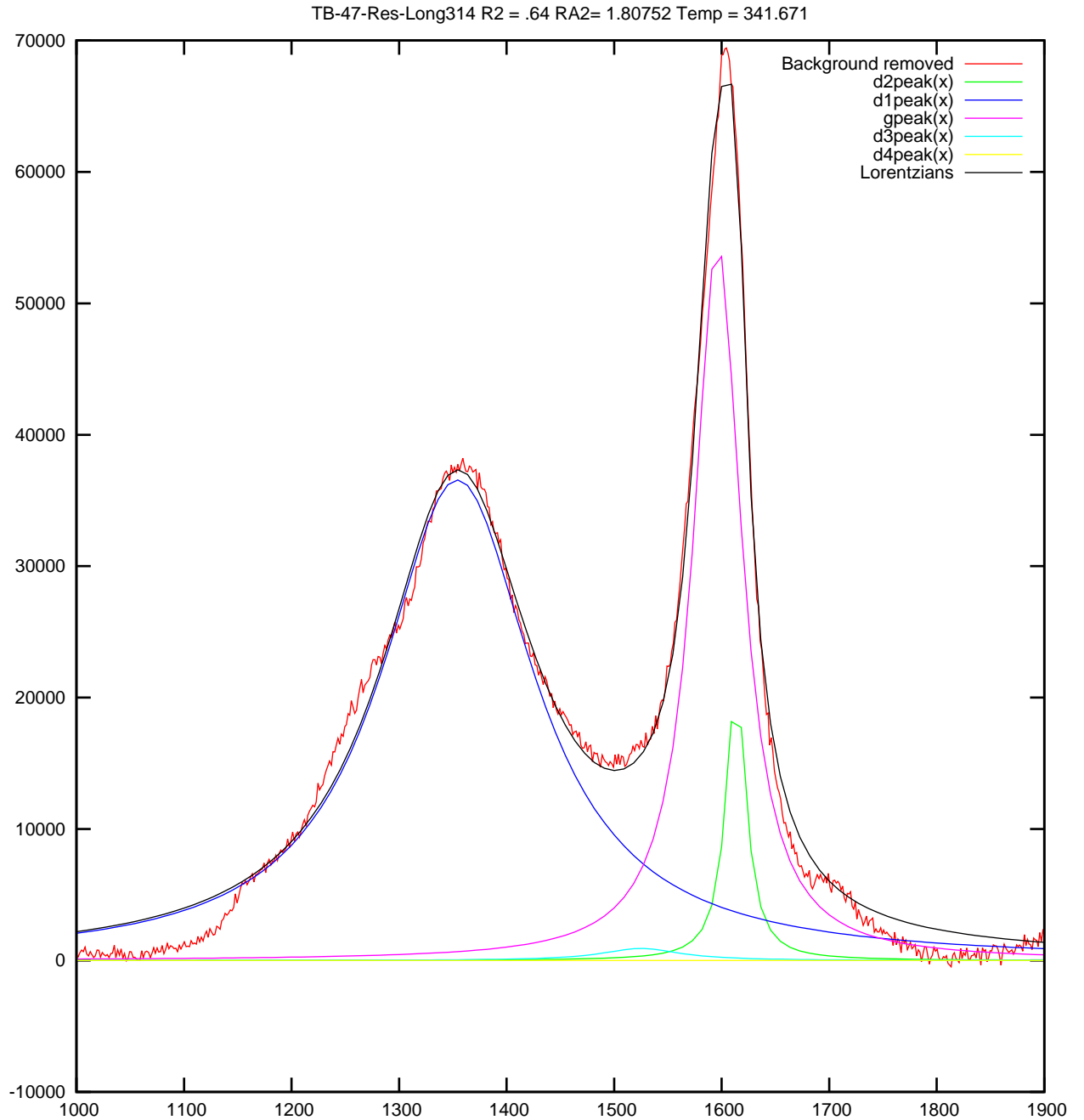
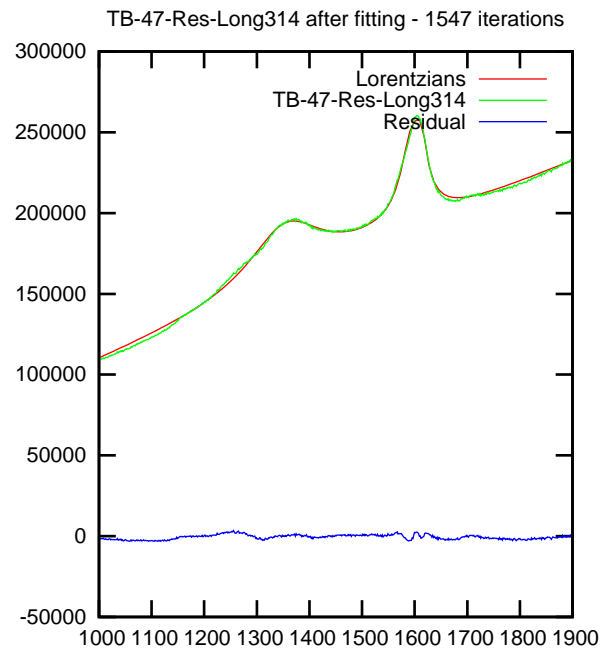
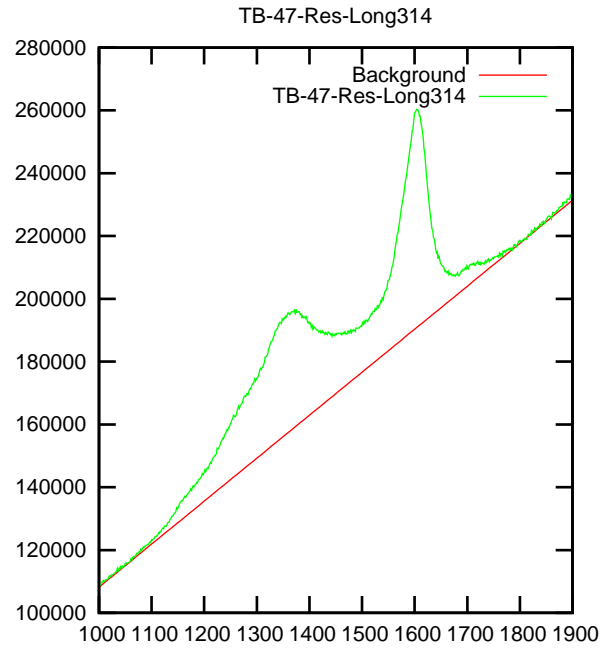


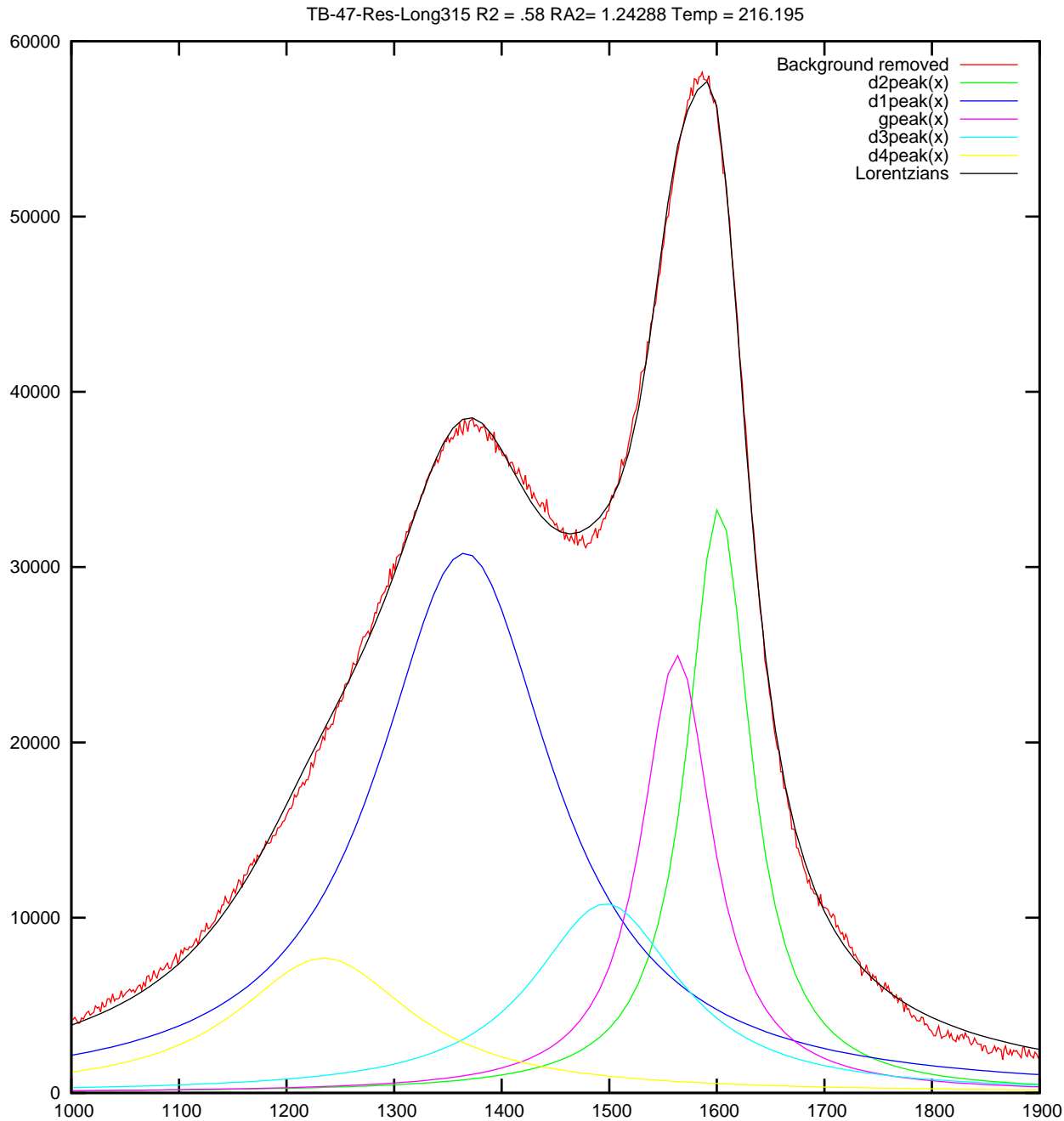
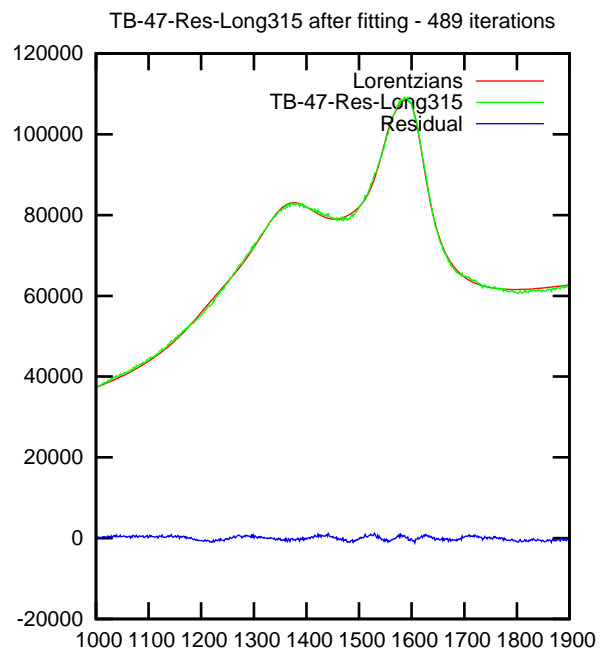
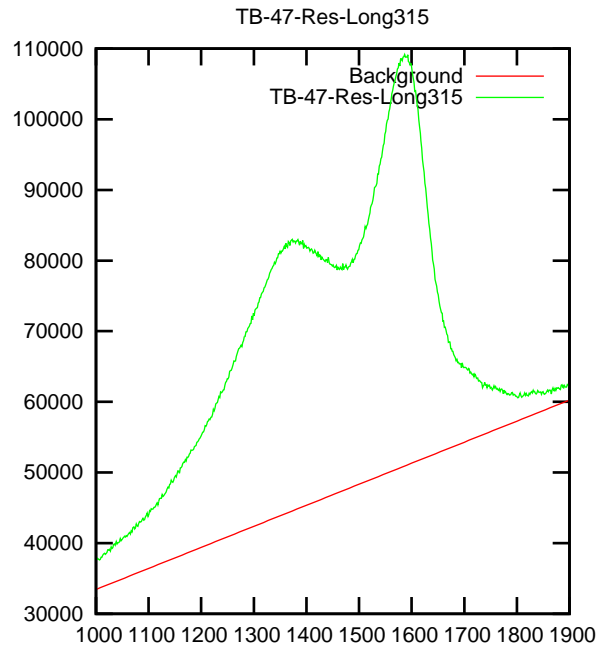


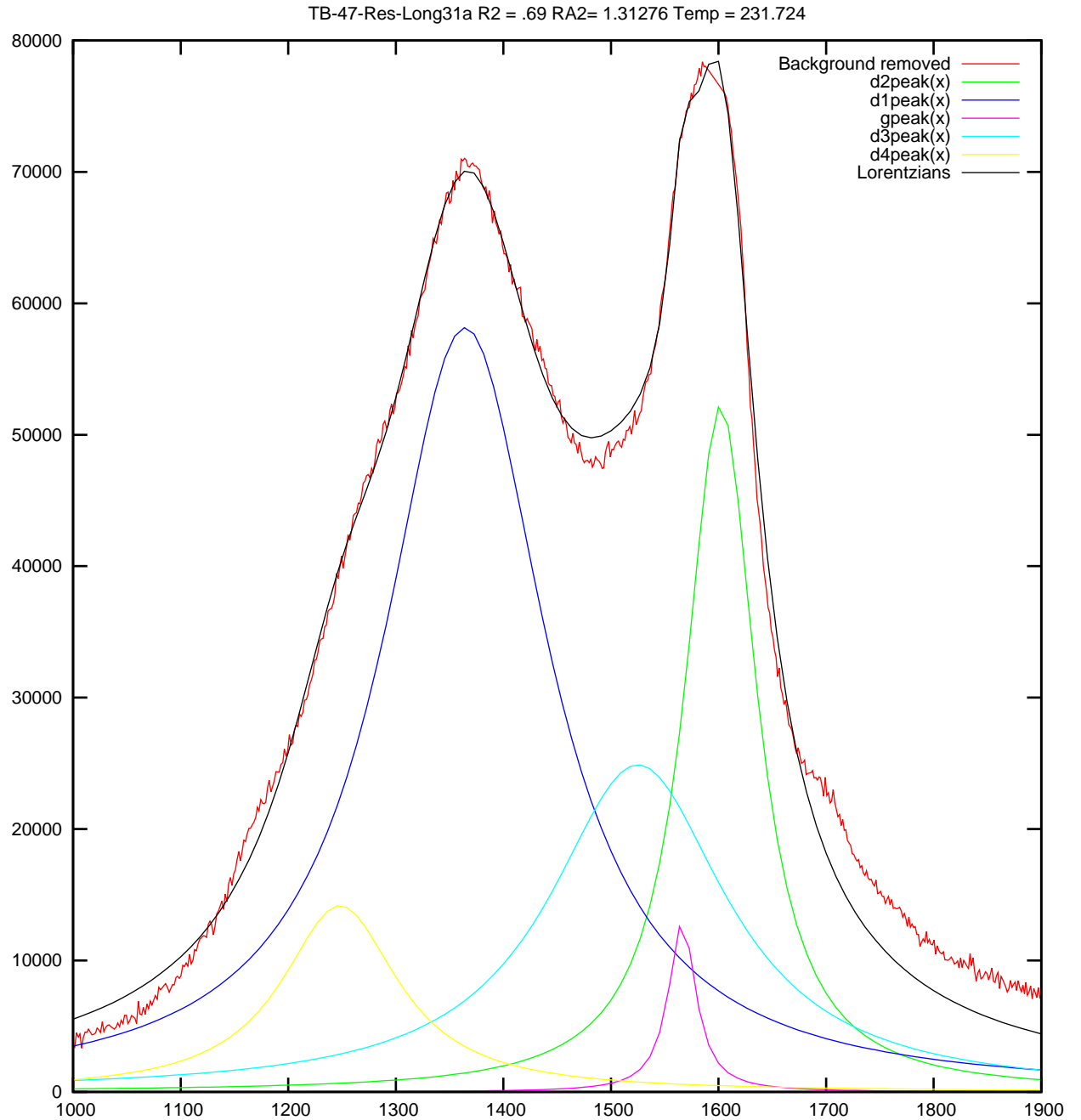
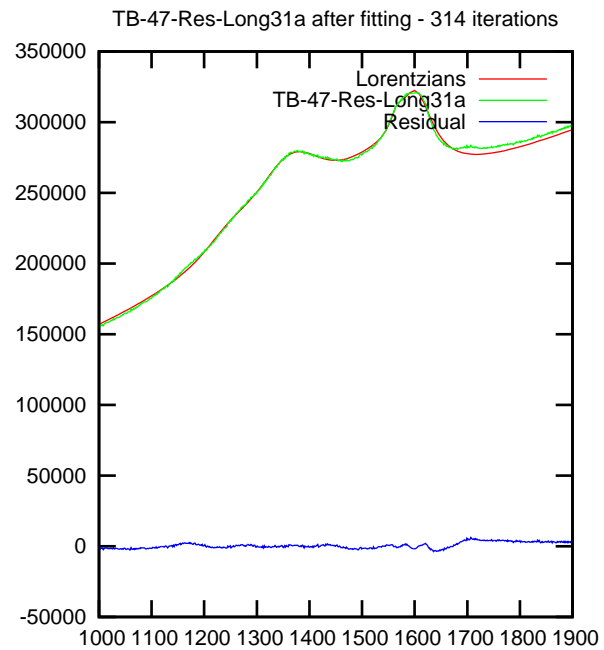
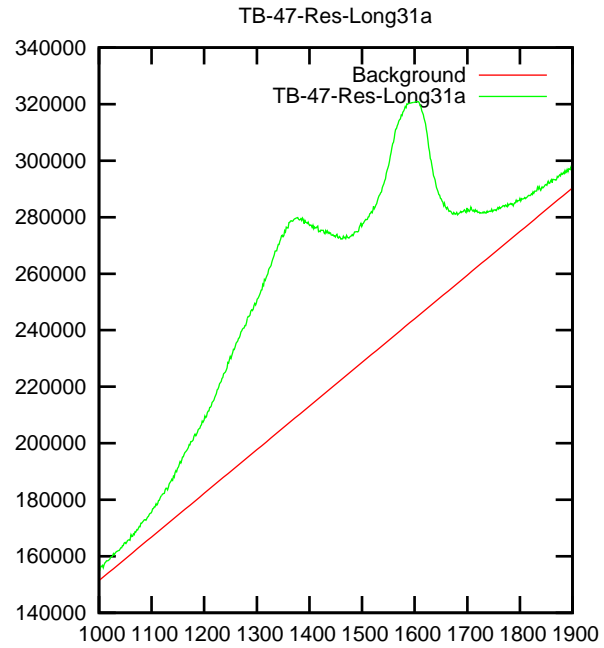


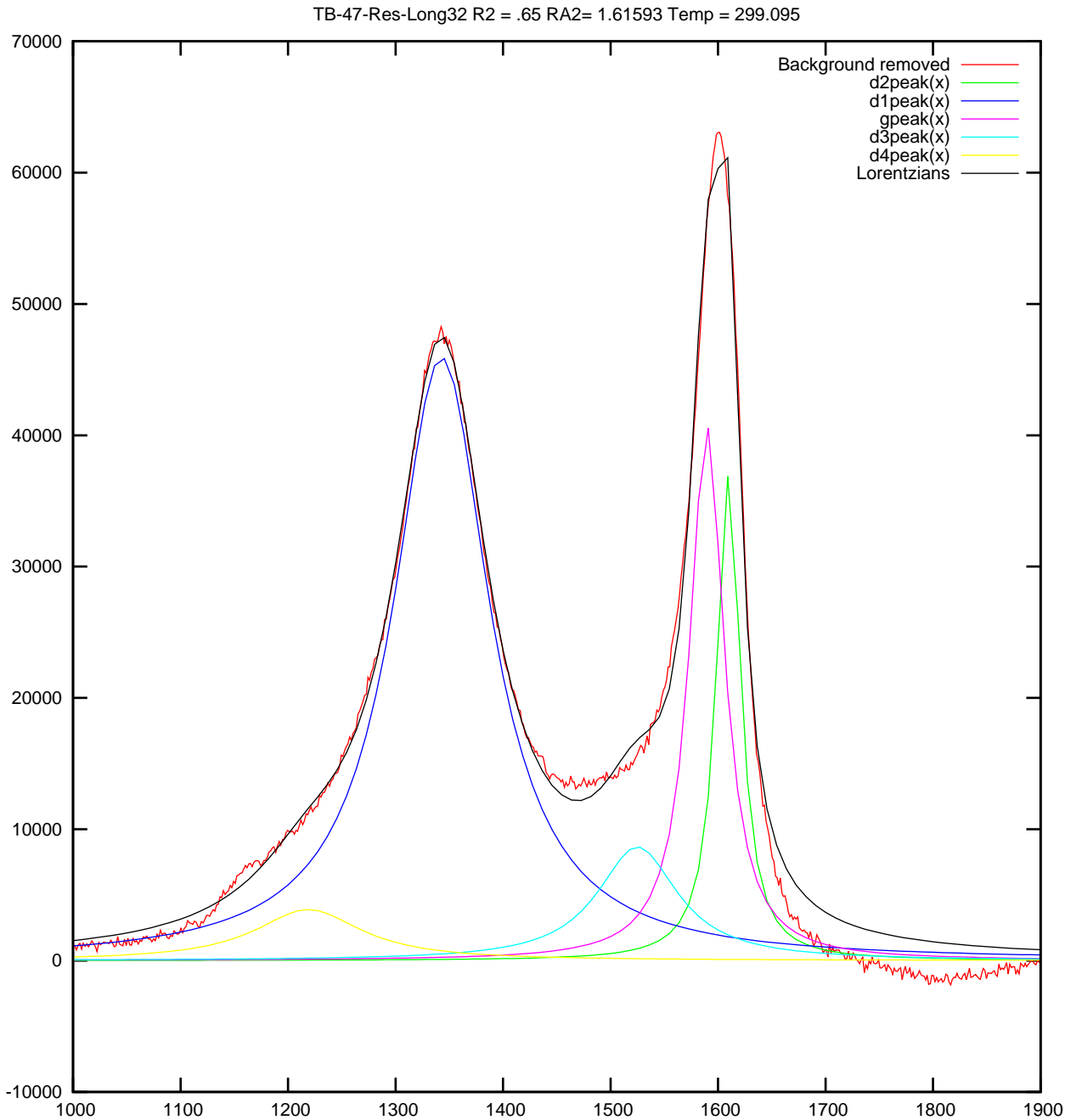
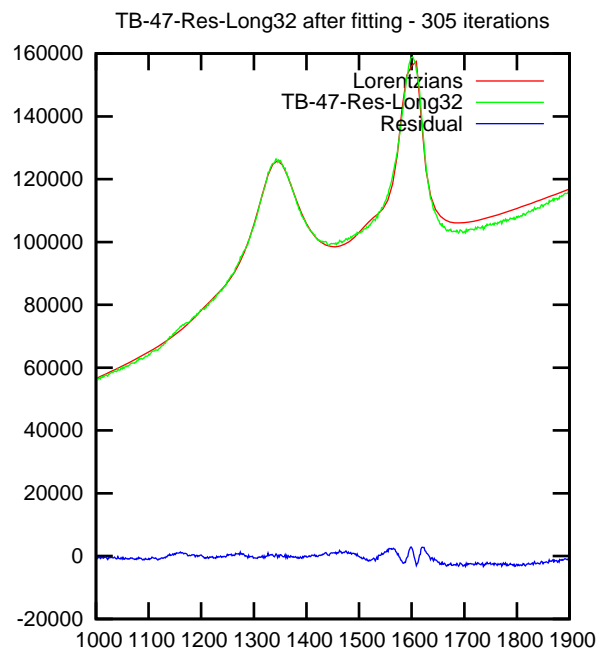
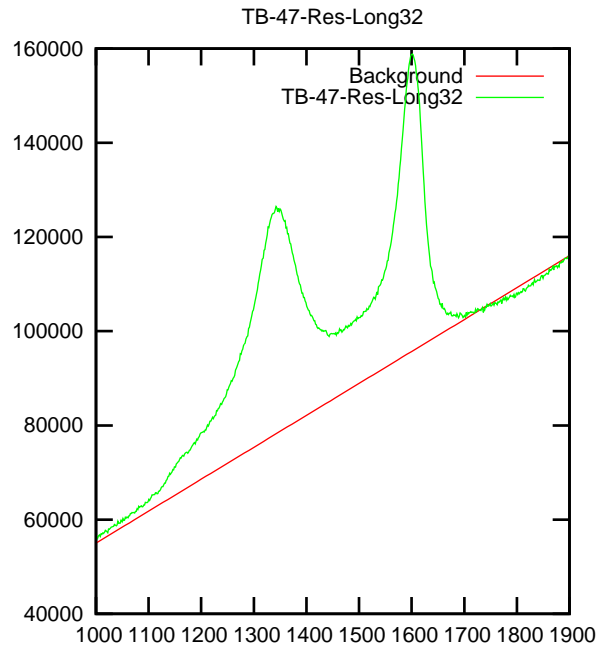


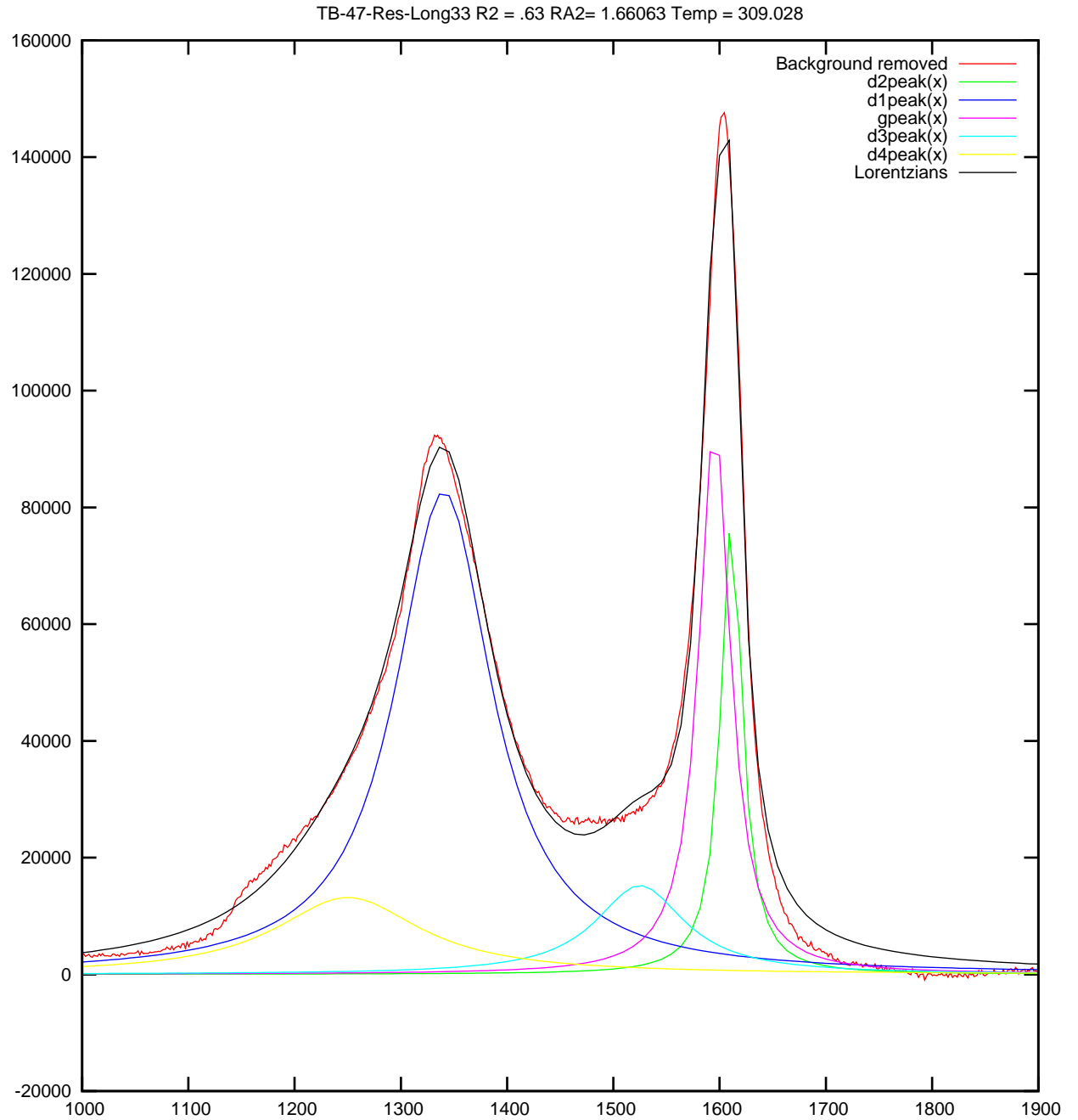
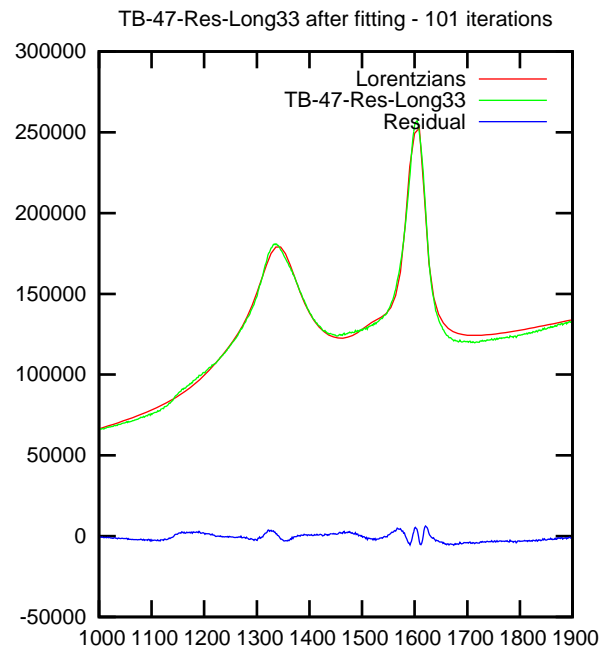
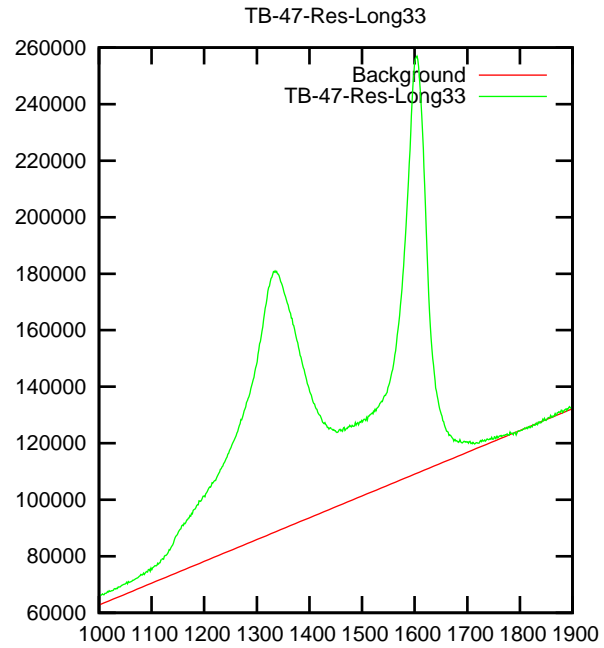


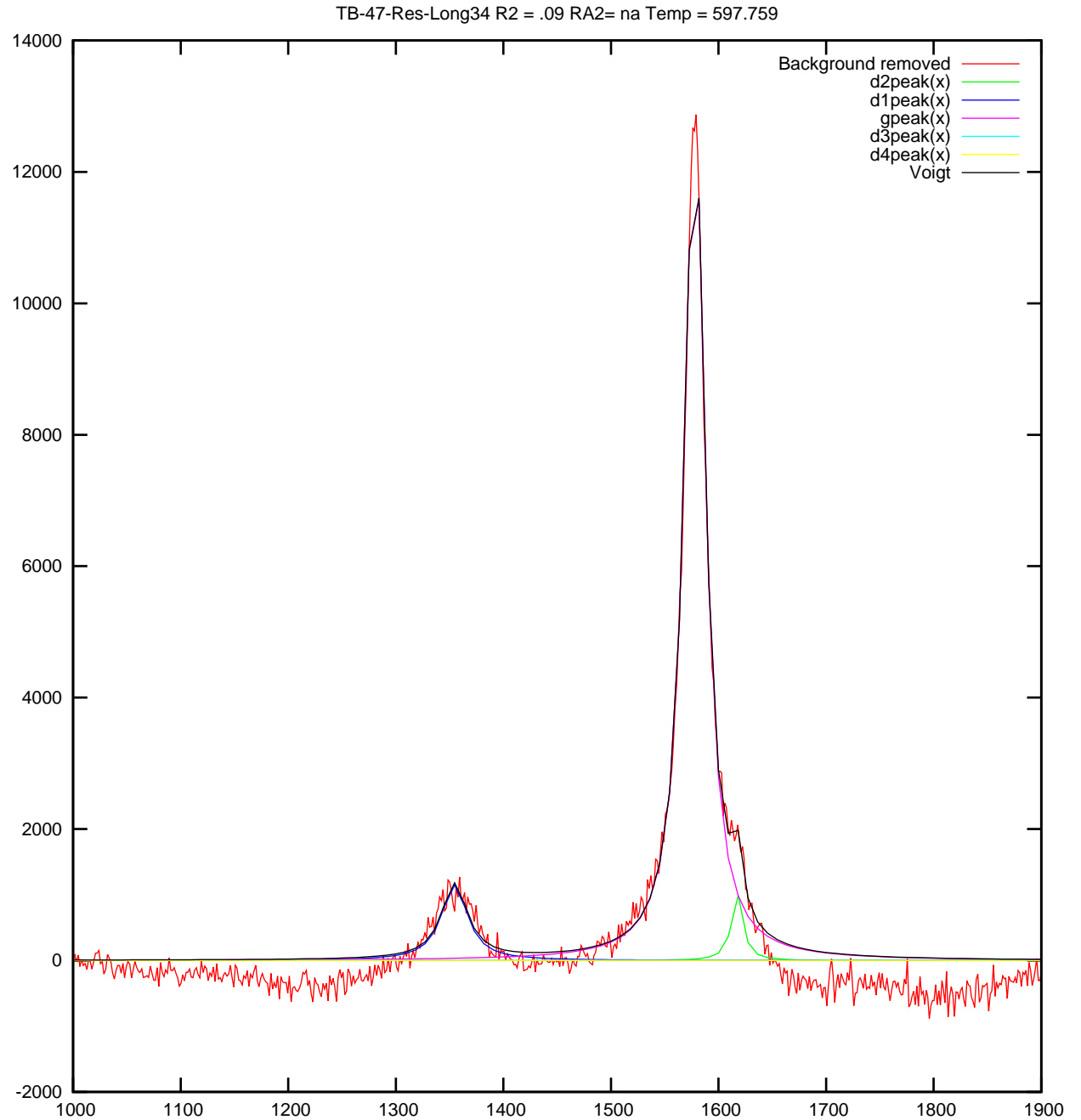
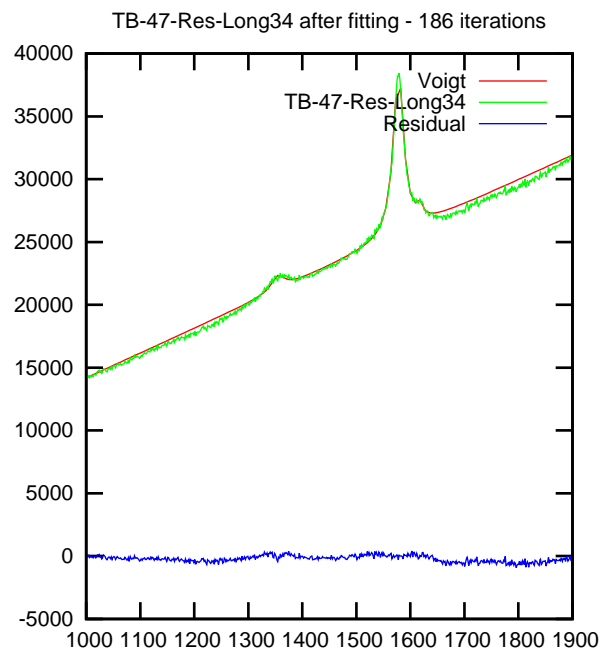
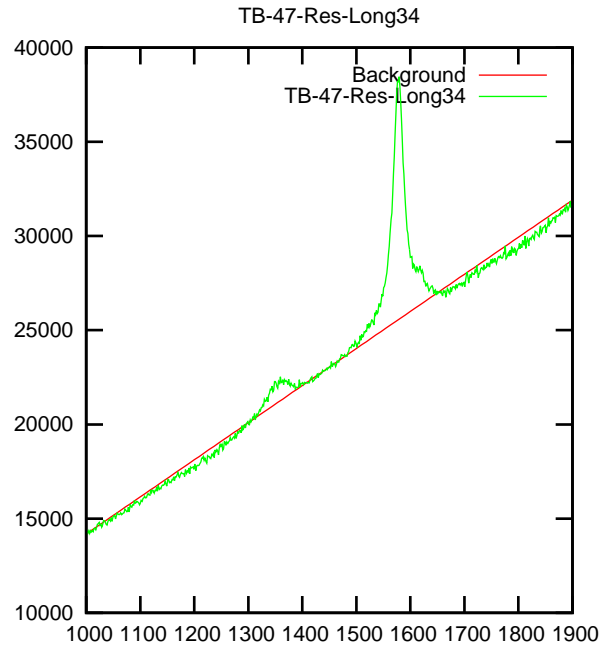


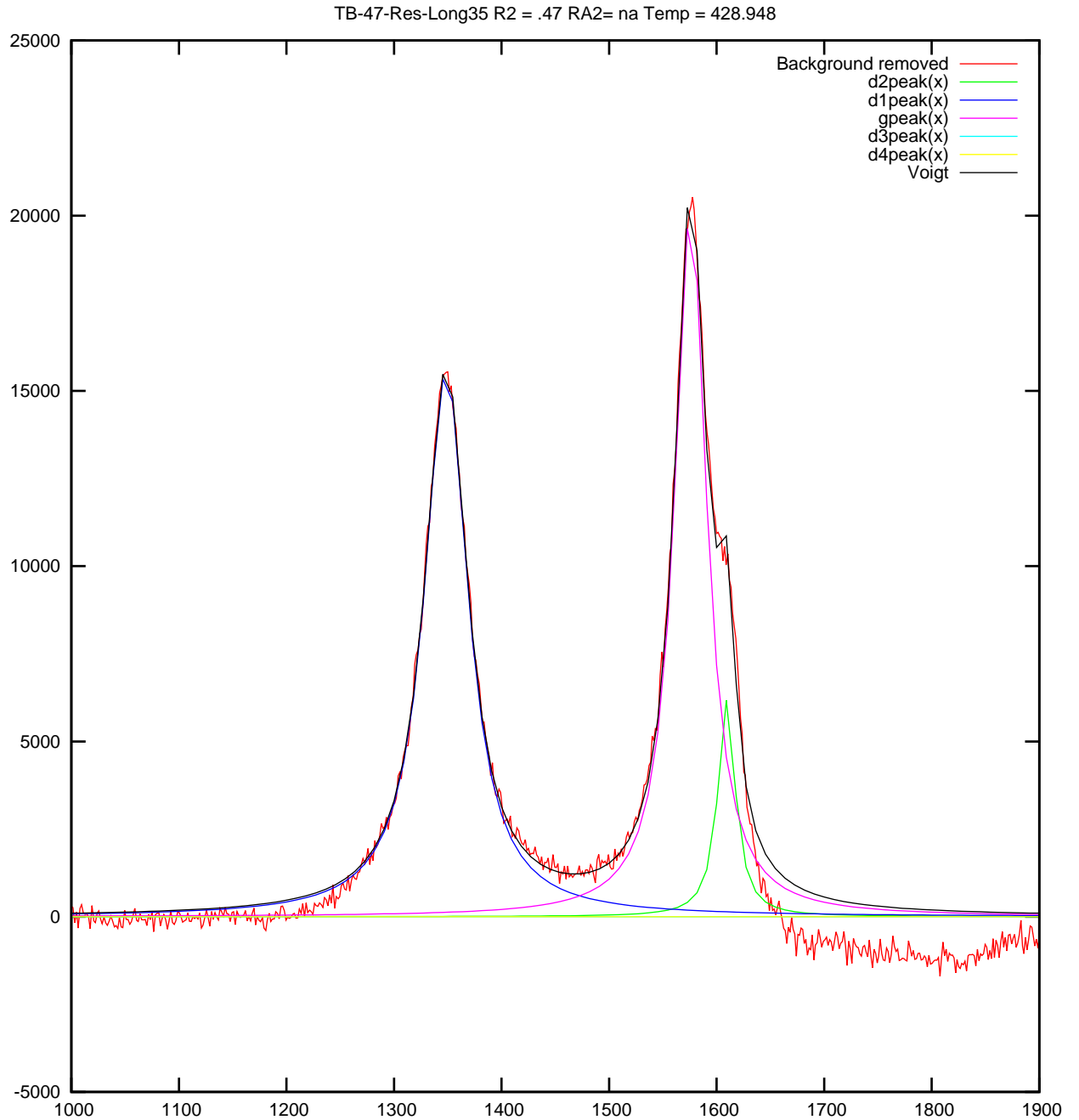
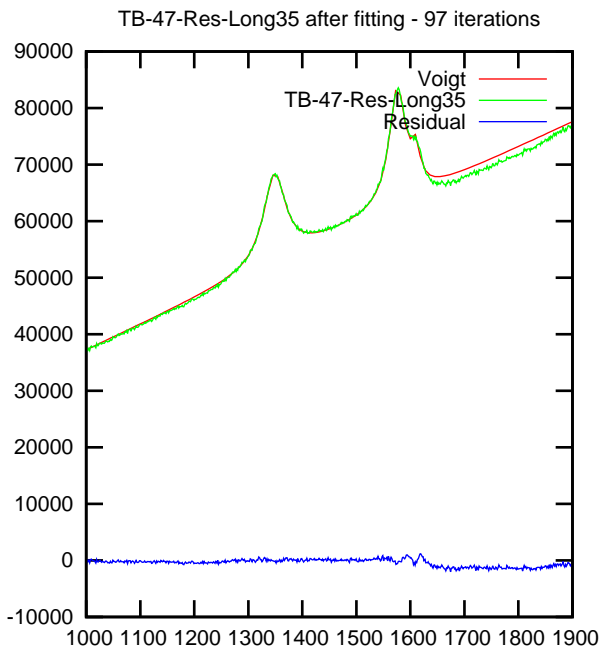
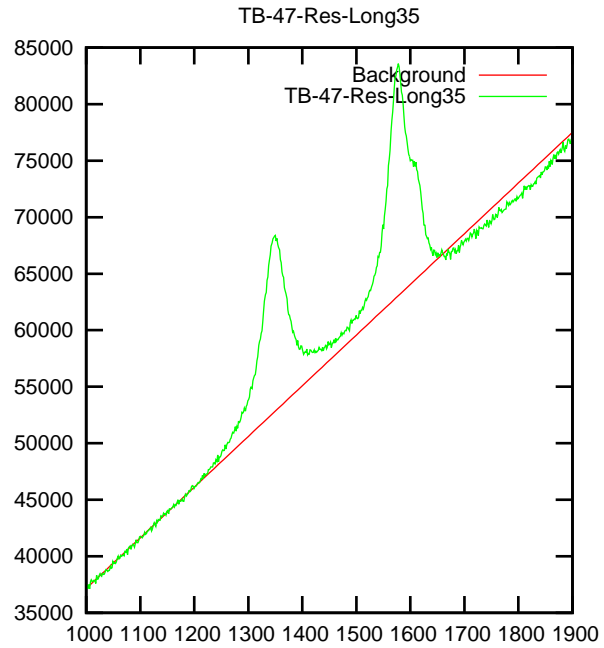


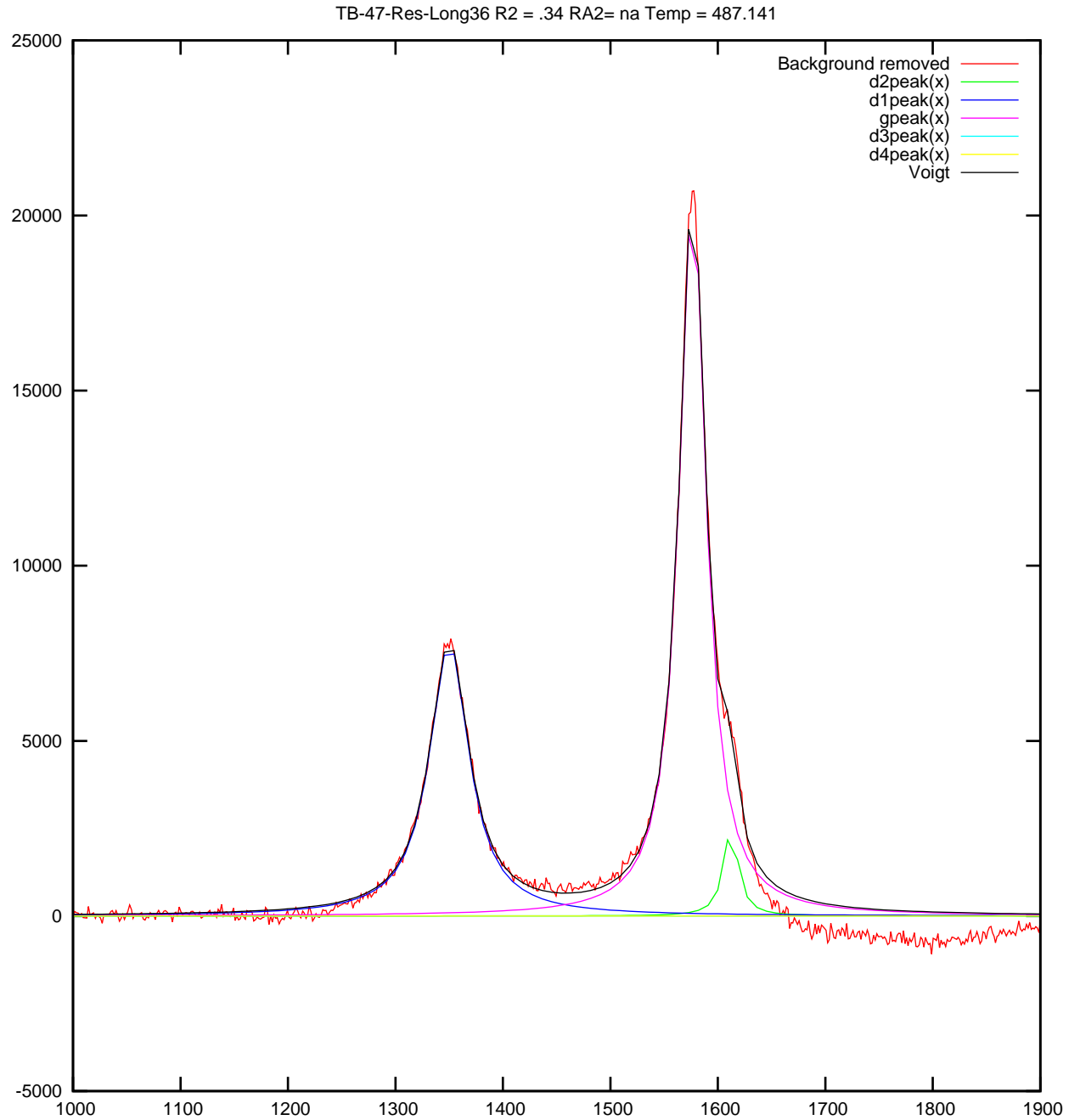
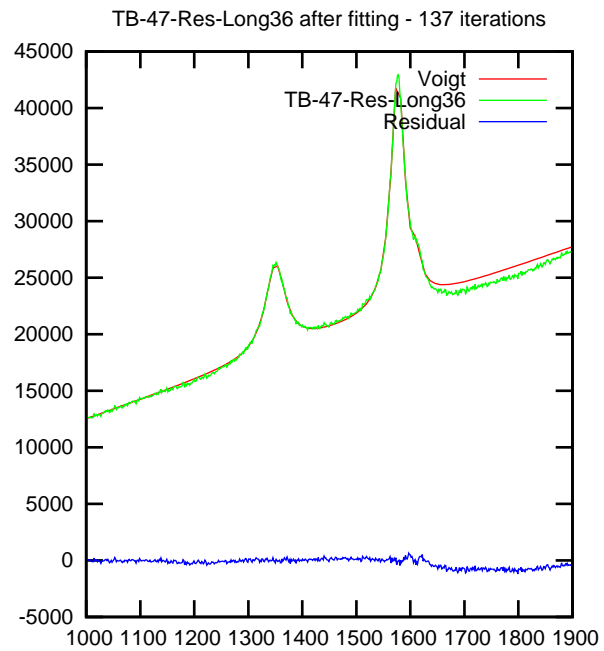
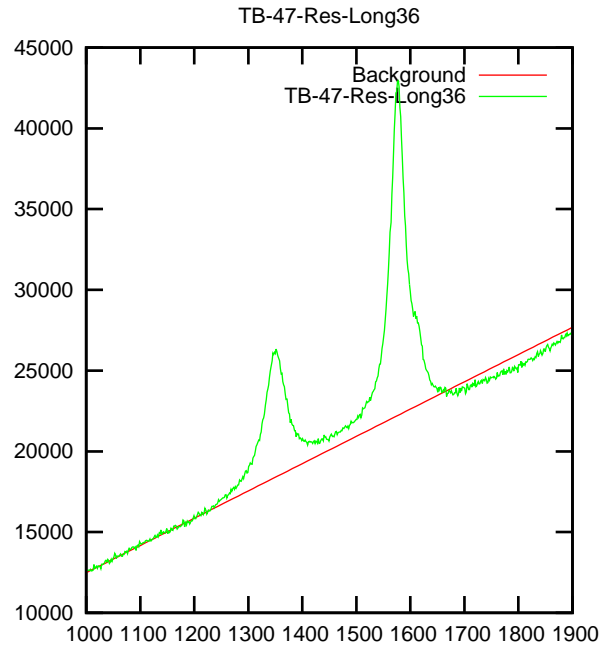


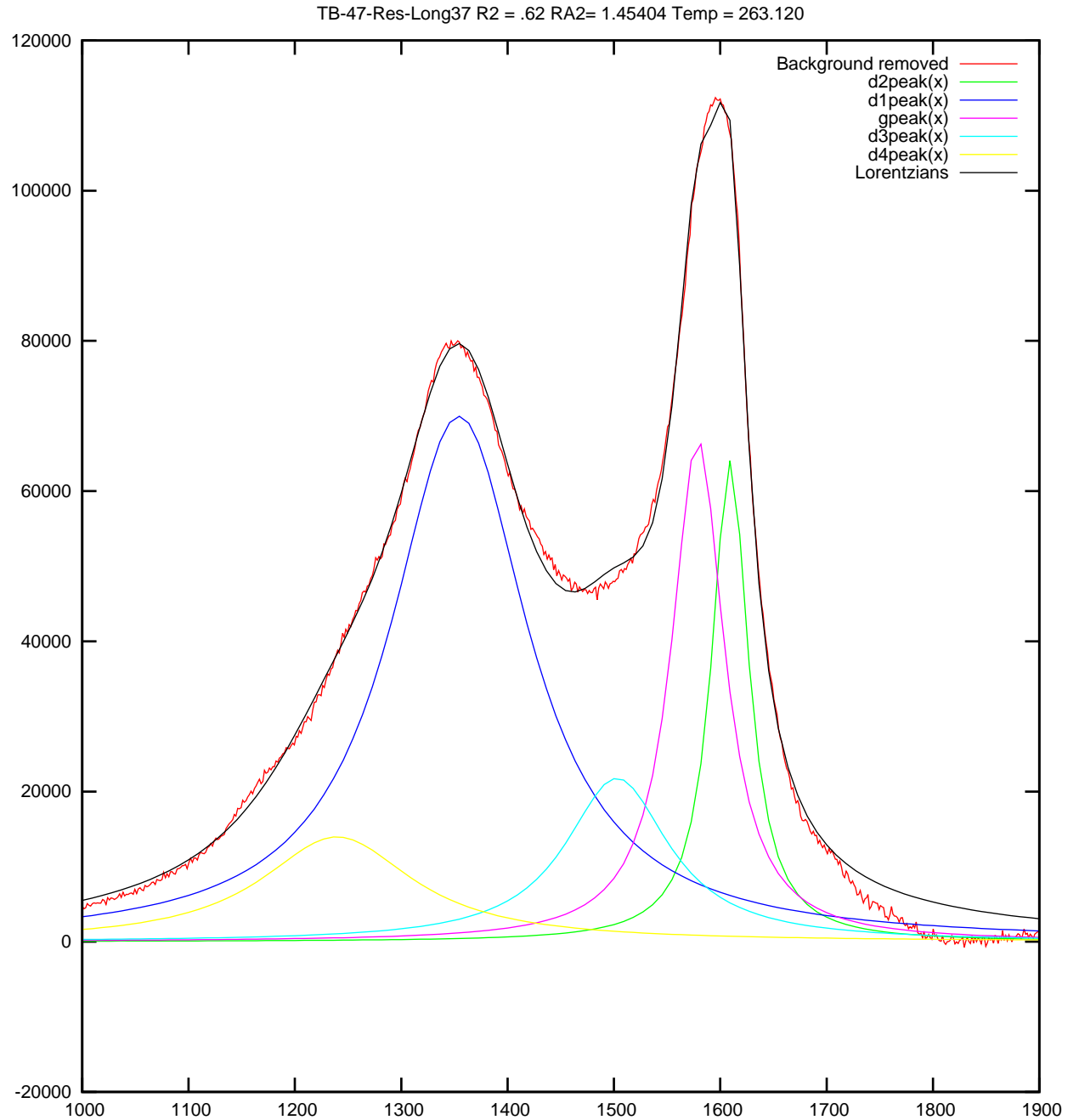
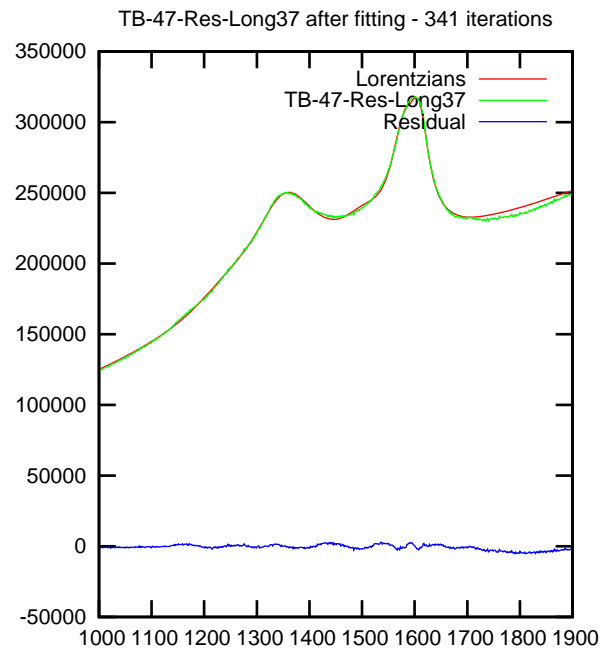
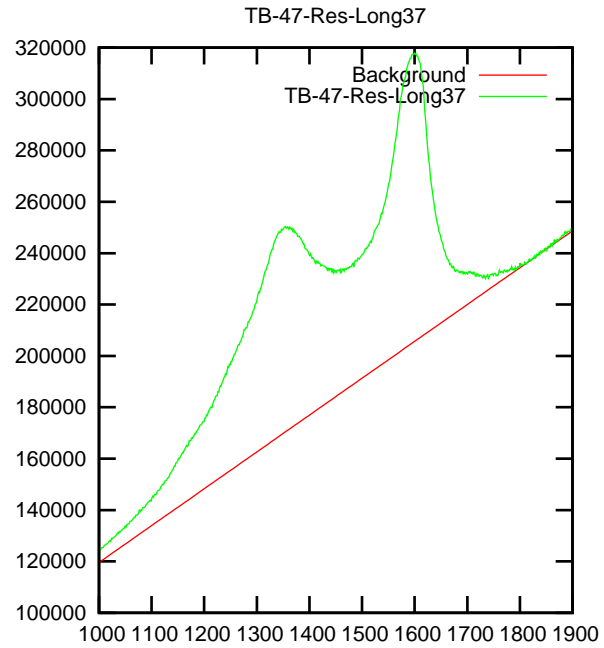


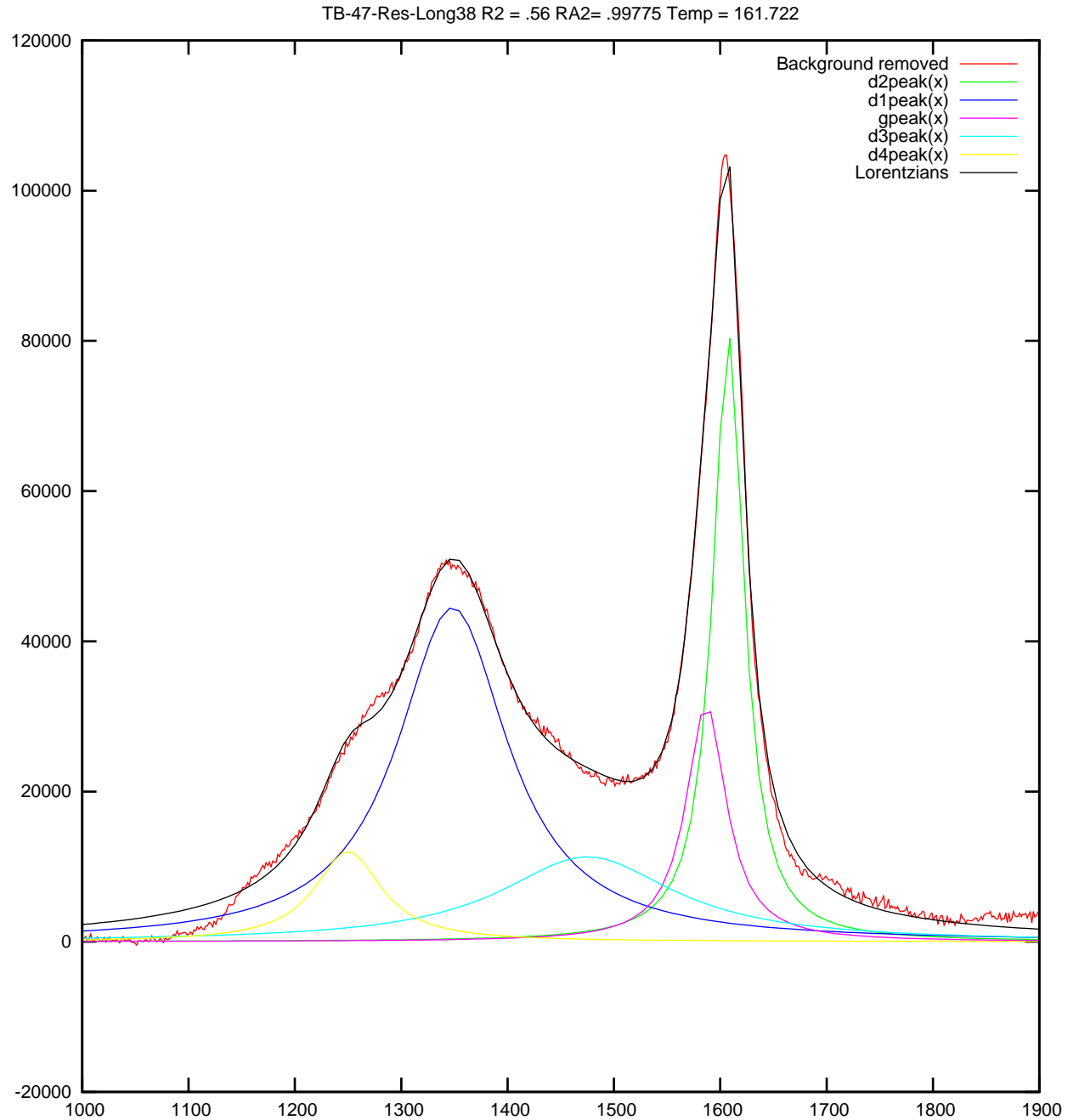
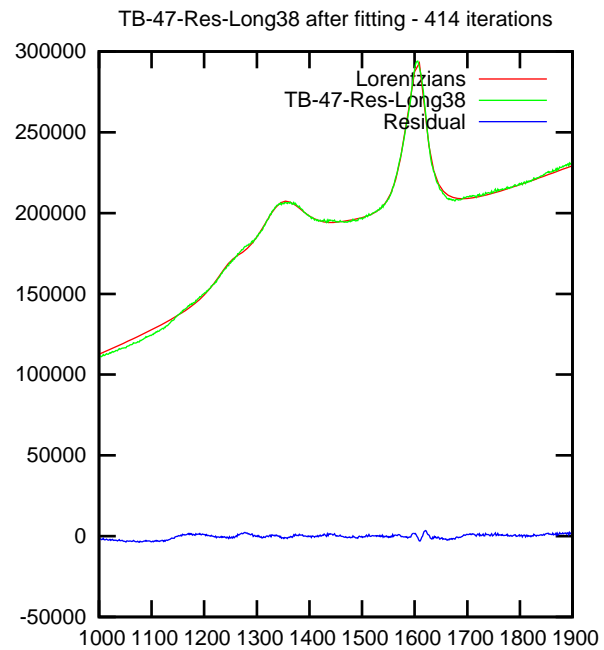
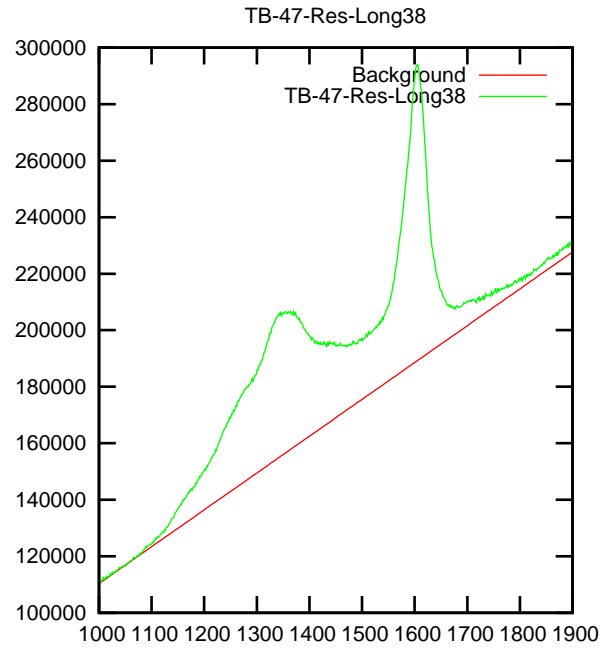


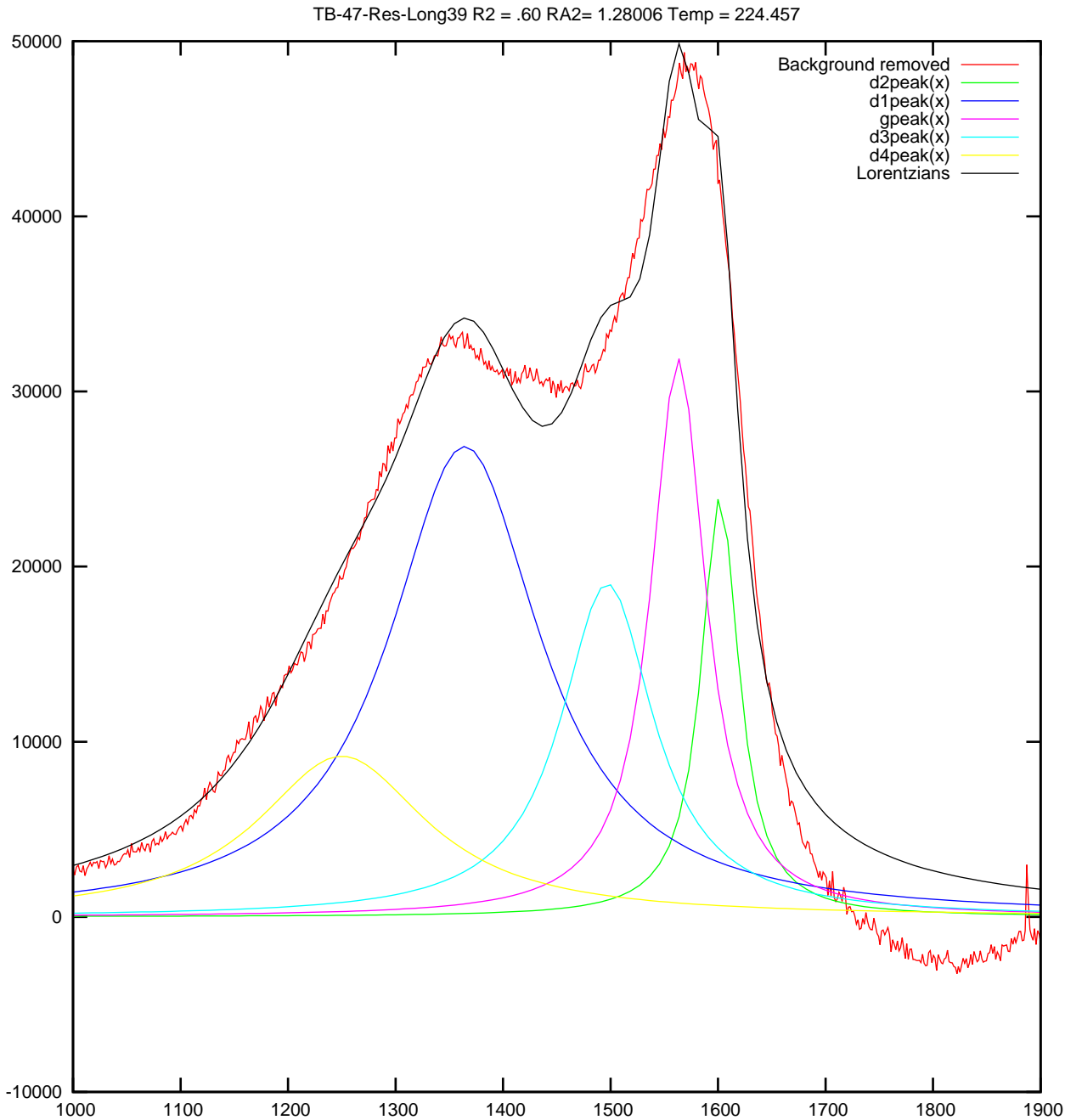
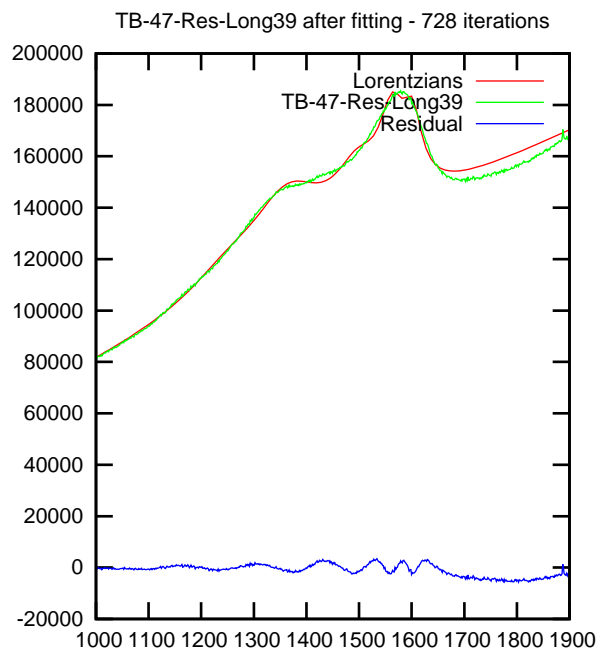
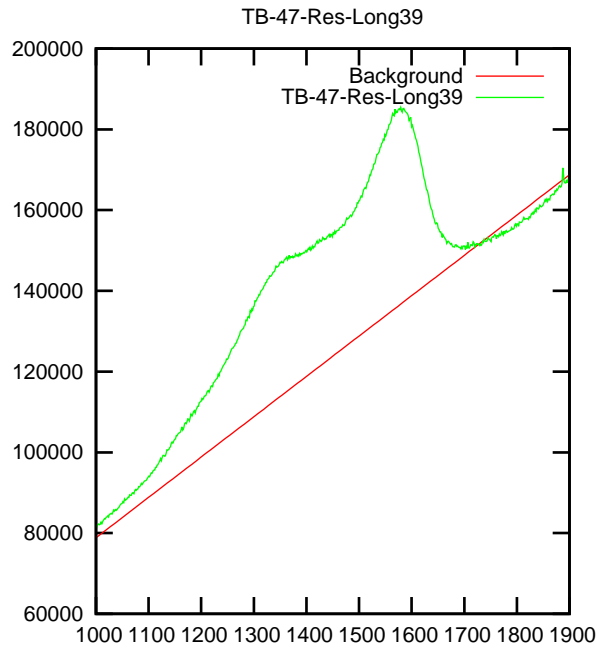


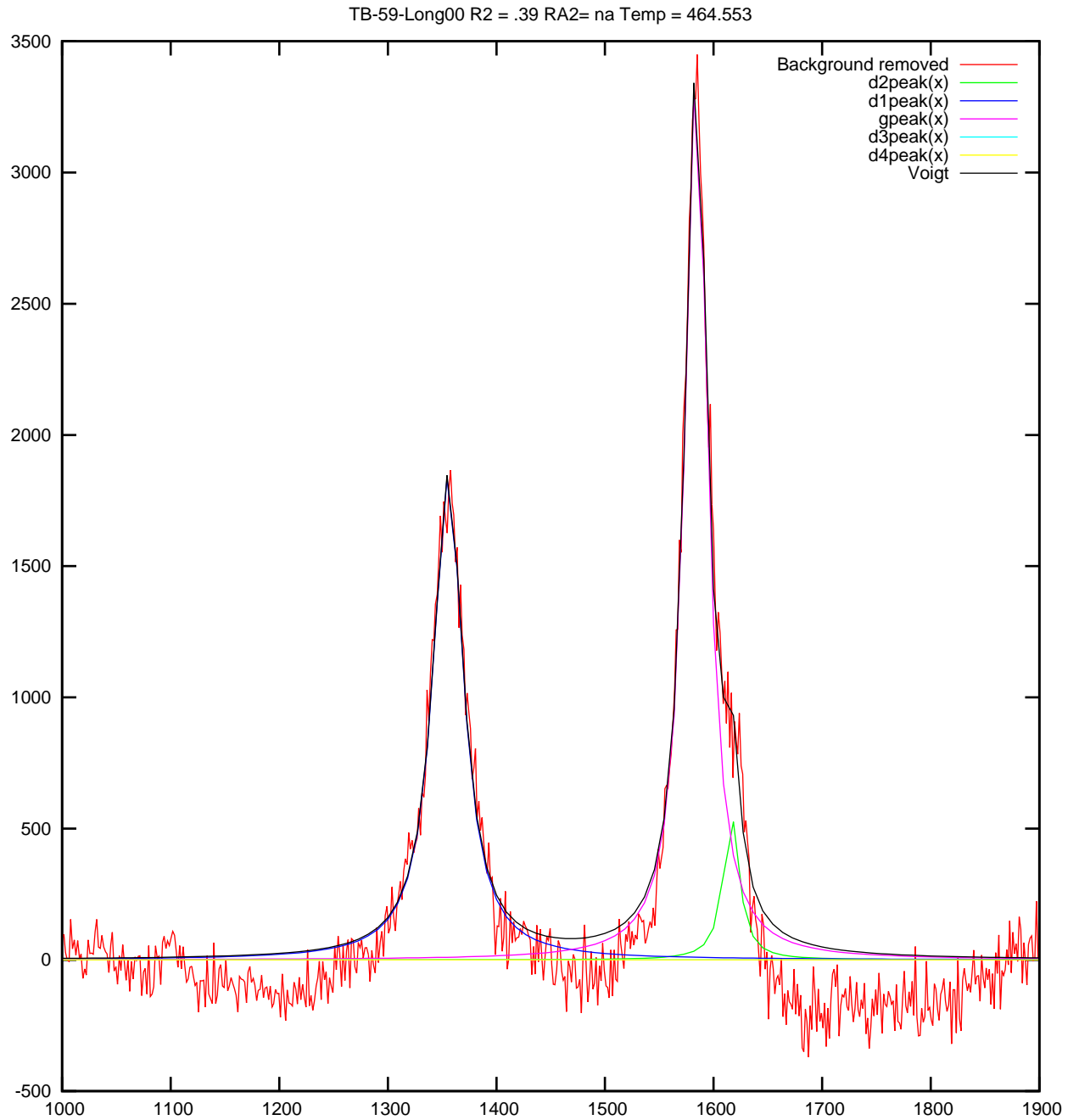
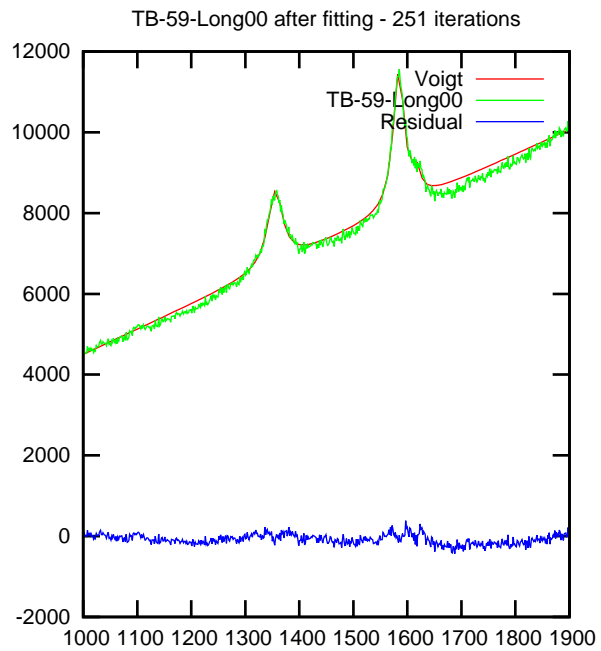
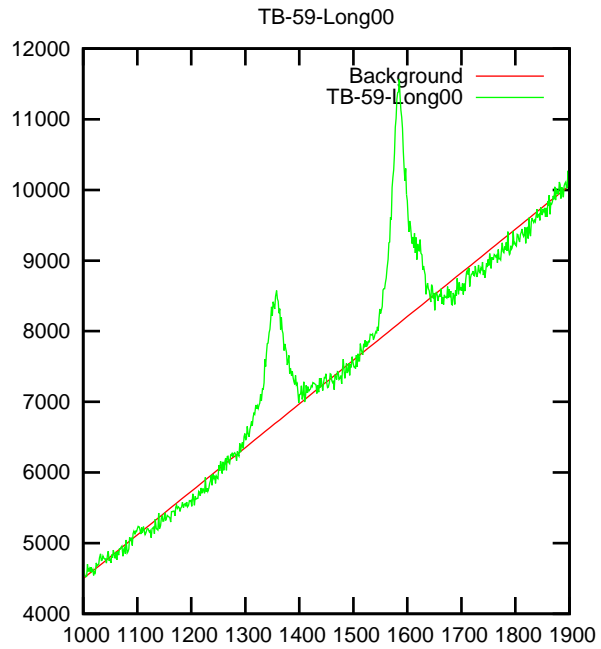




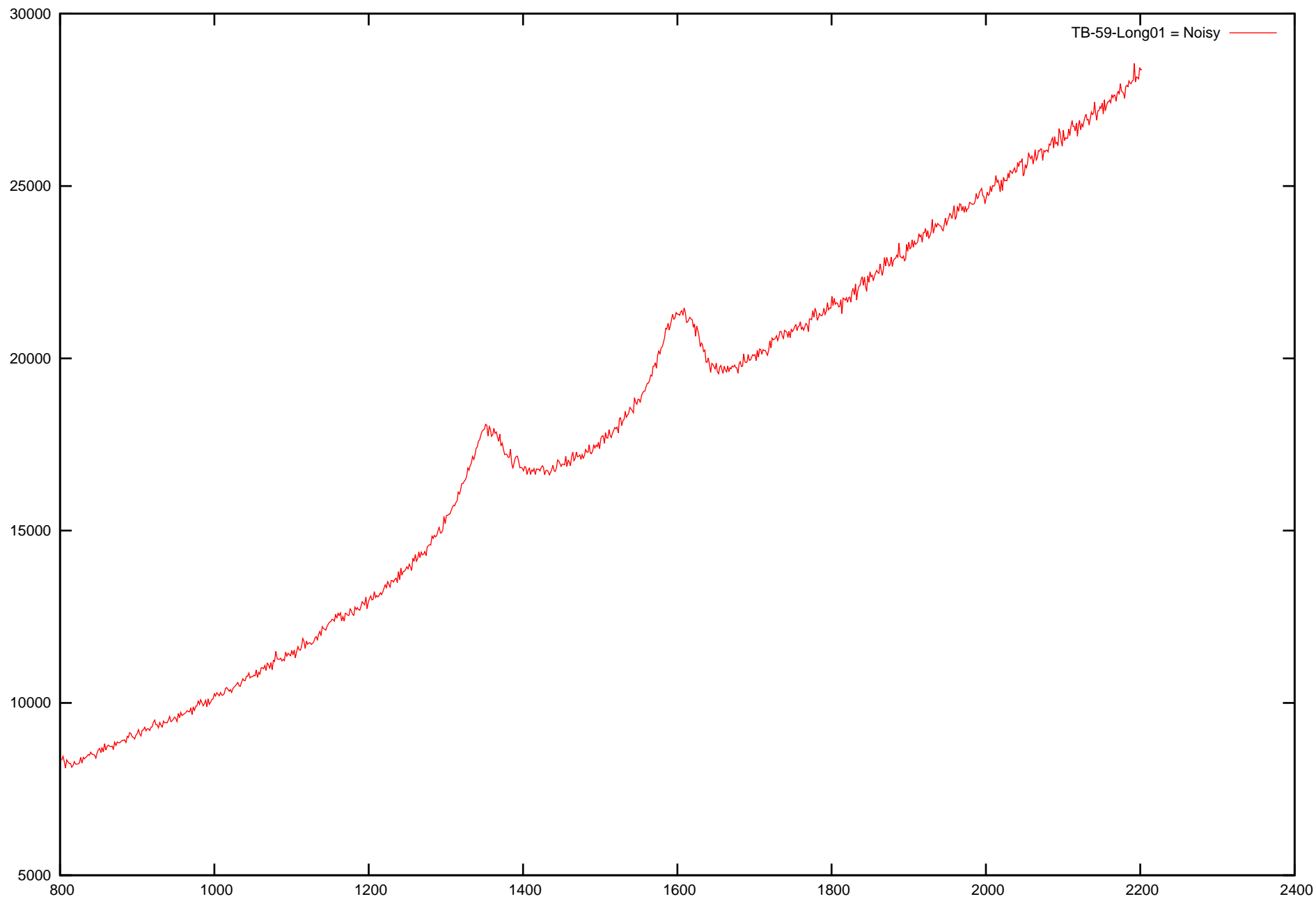




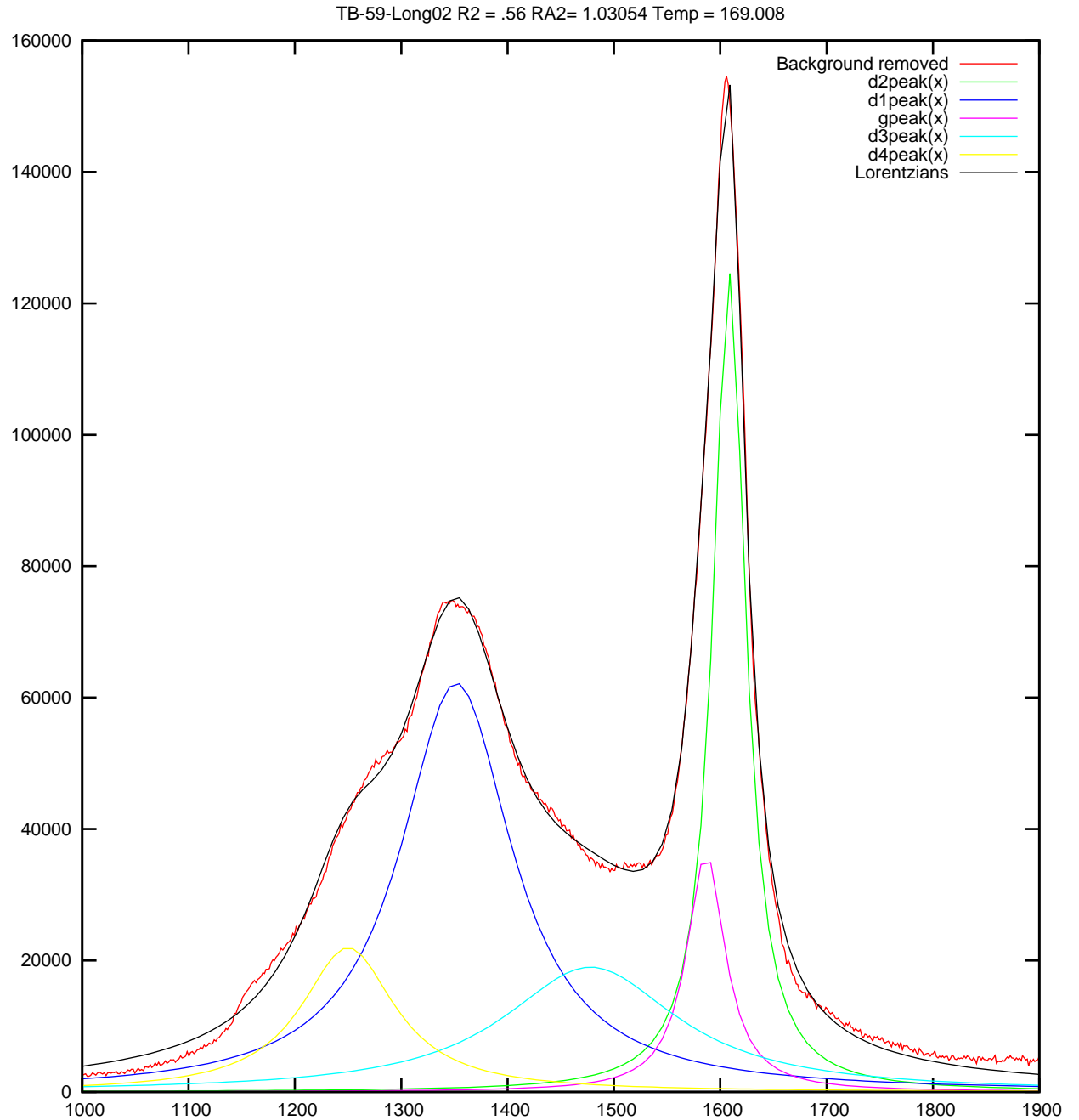
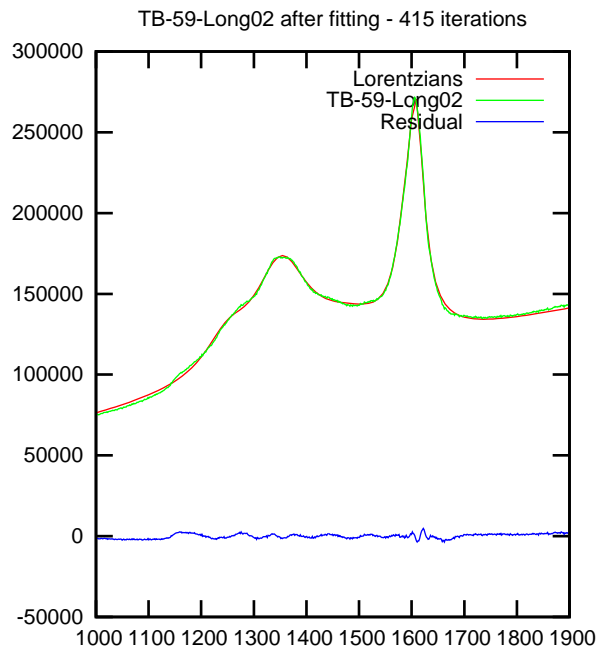
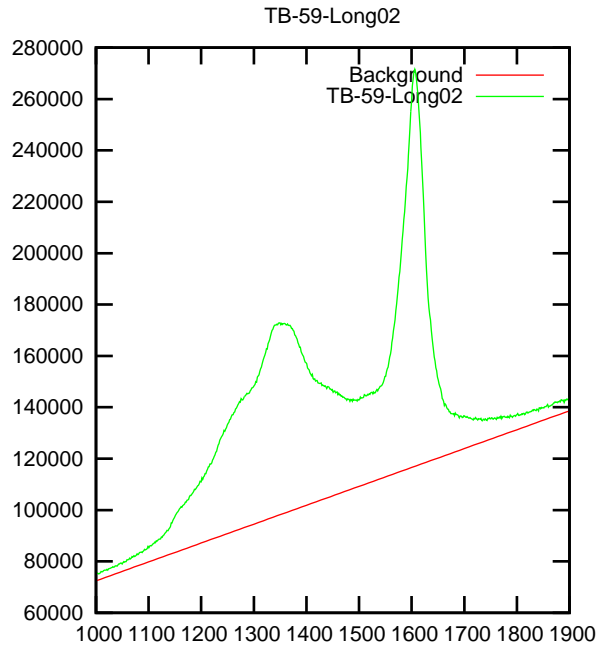


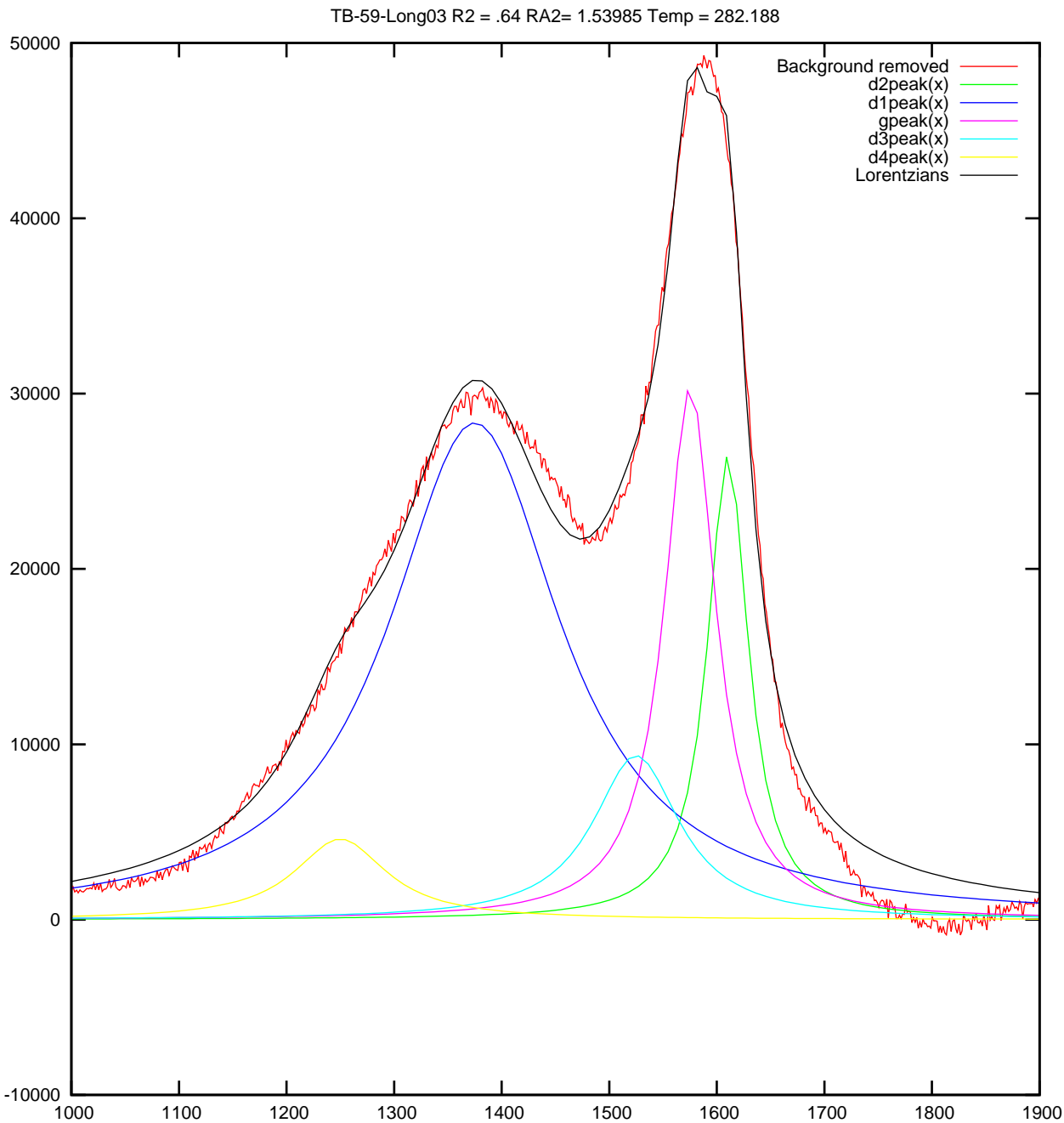
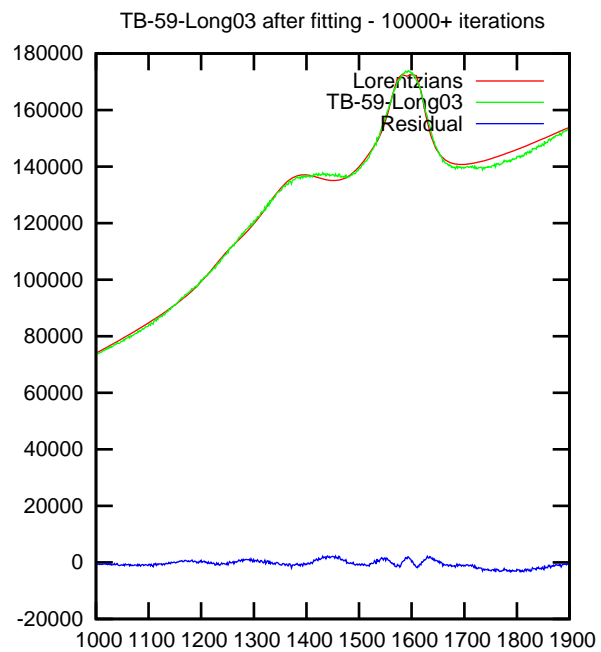
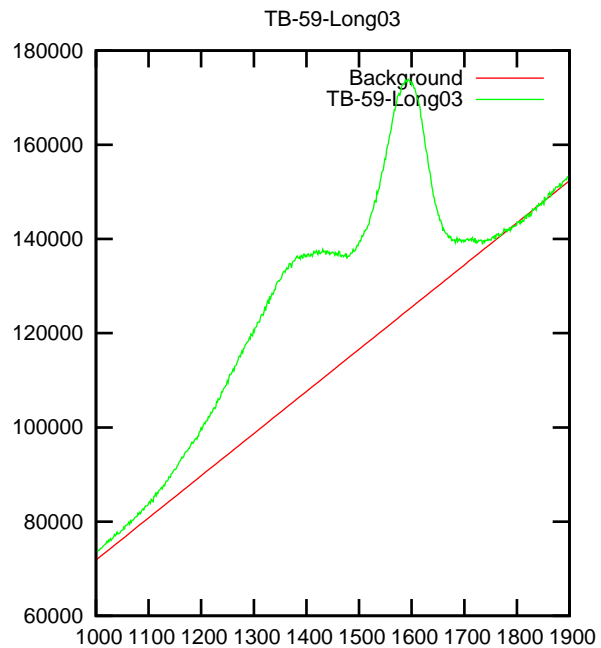


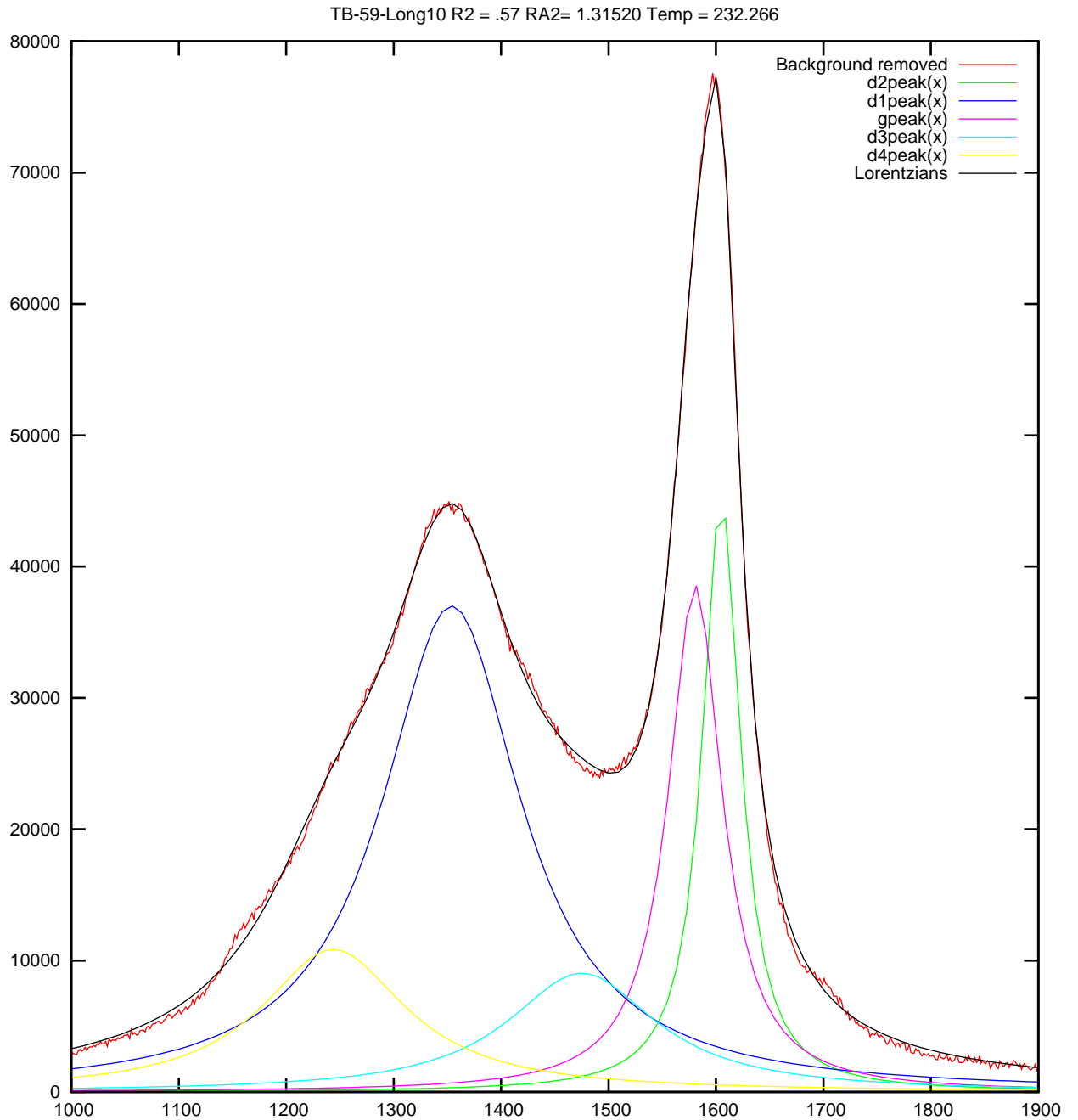
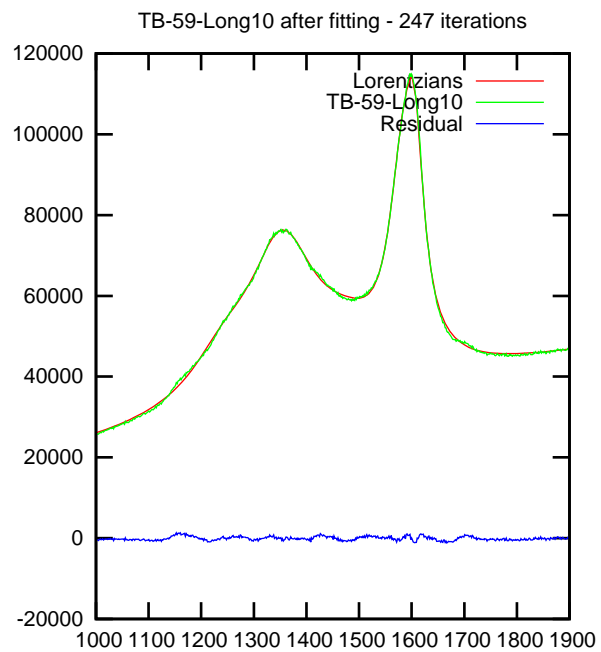
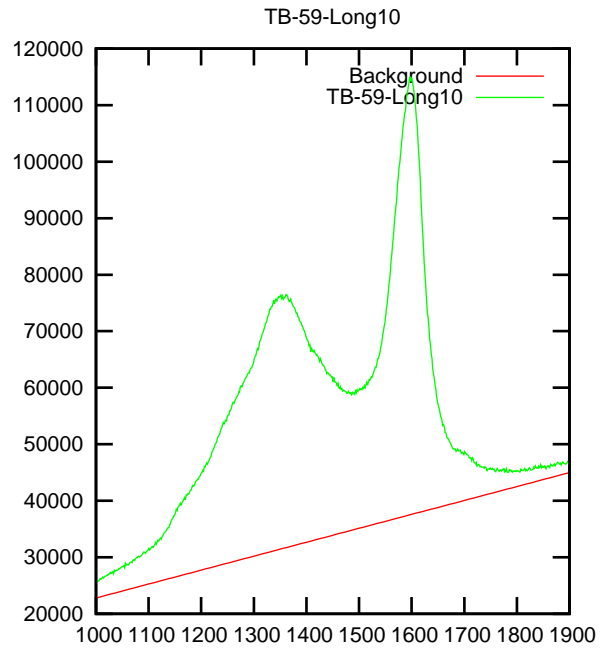
TB-59-Long01 = Noisy

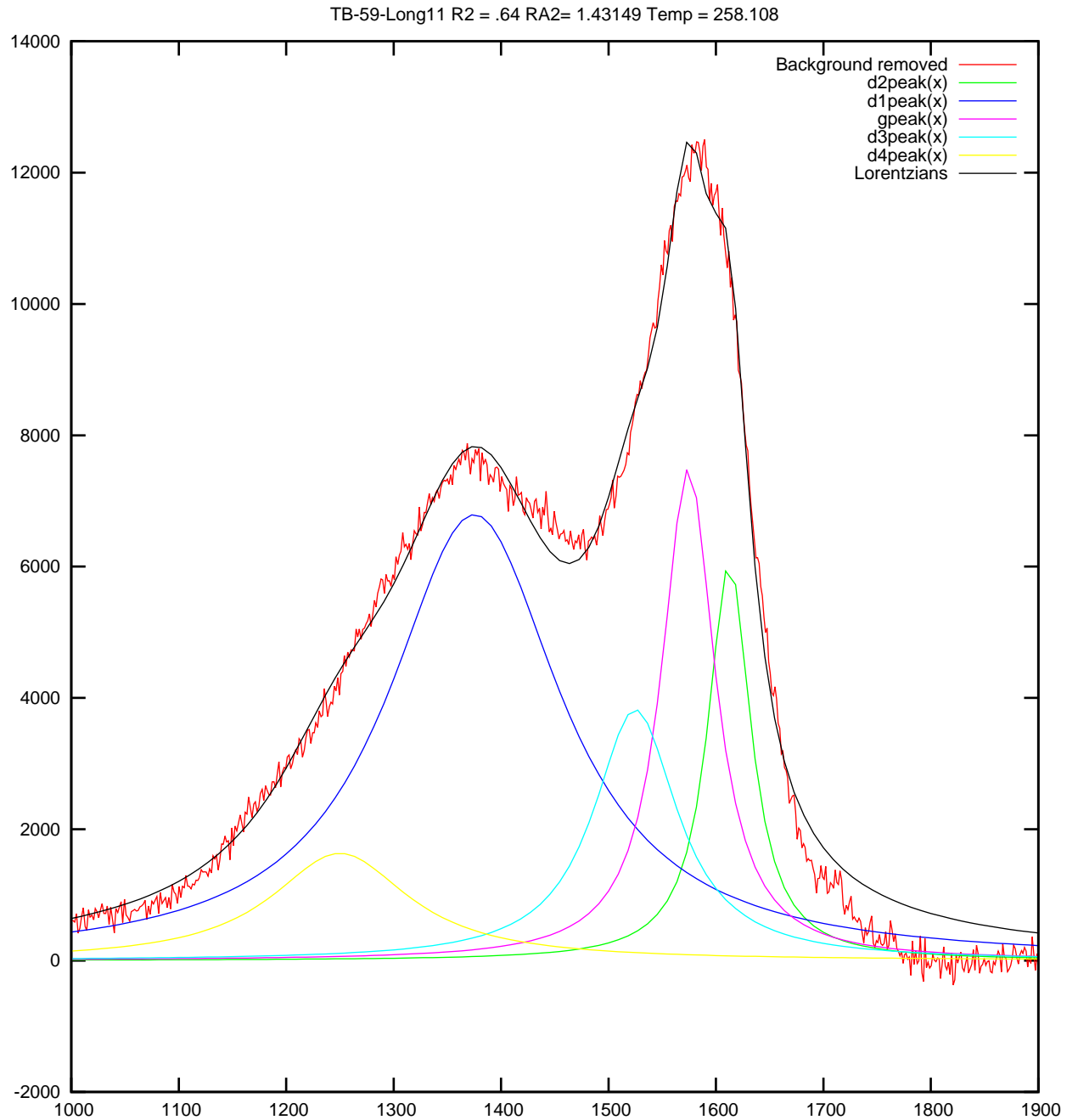
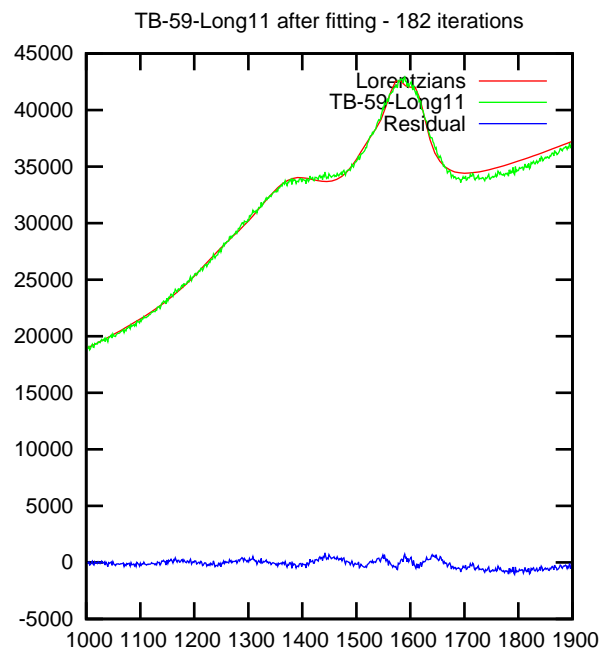
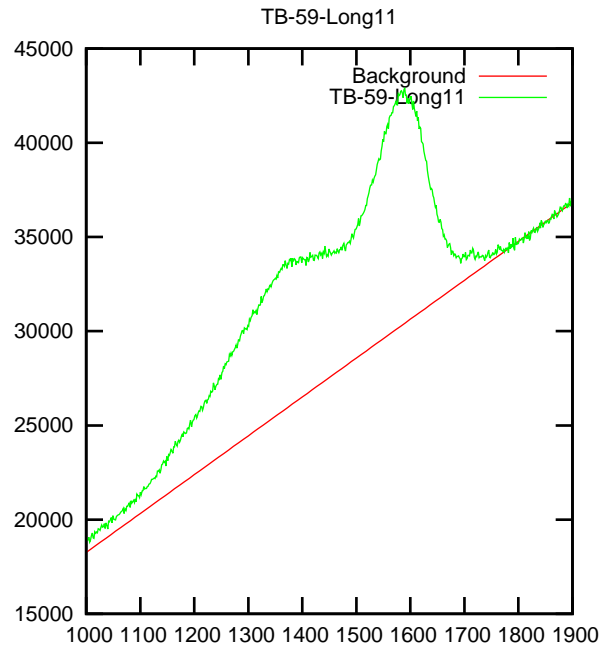


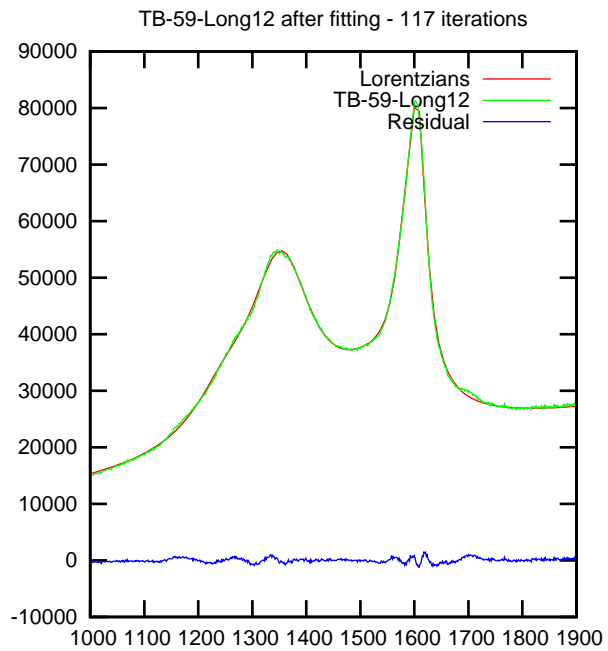
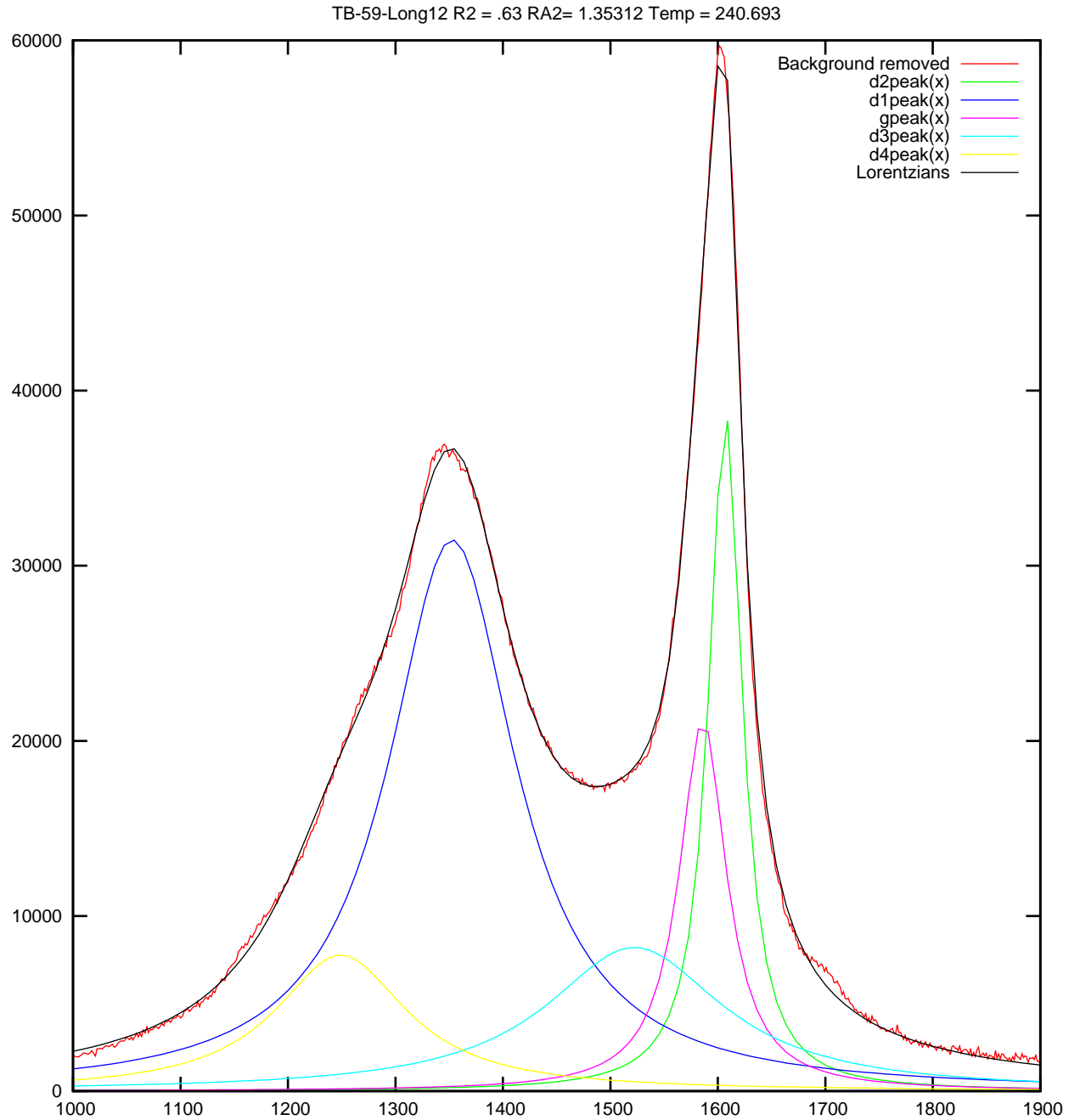
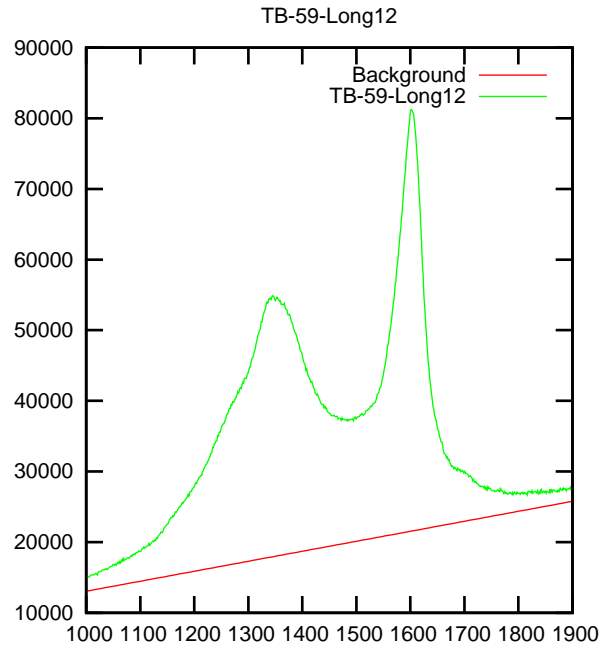
TB-59-Long01 = Noisy



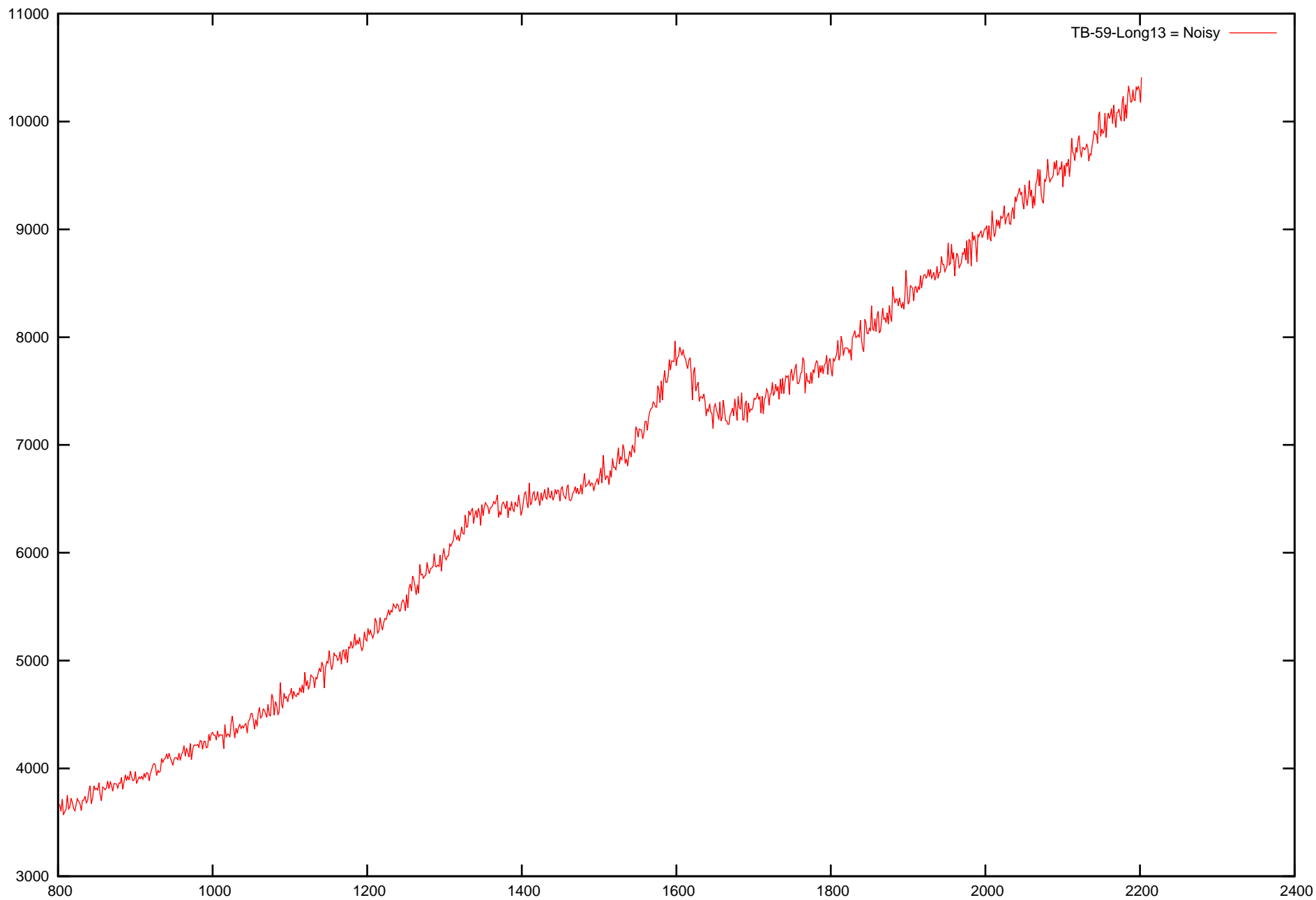




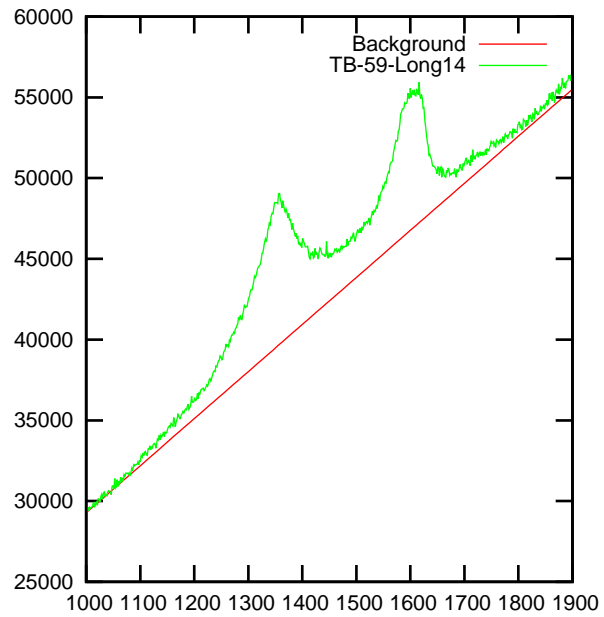




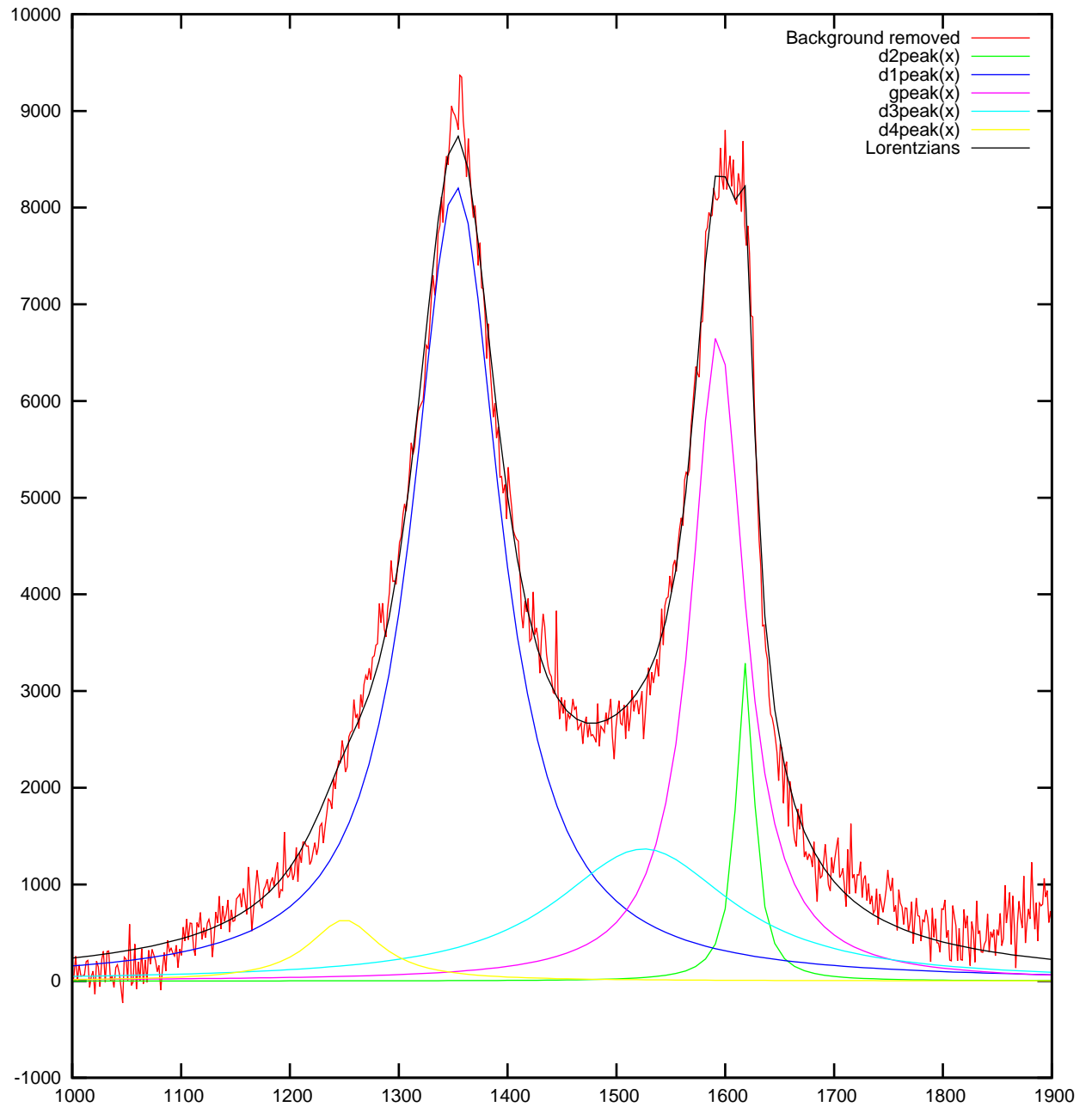
TB-59-Long13 = Noisy



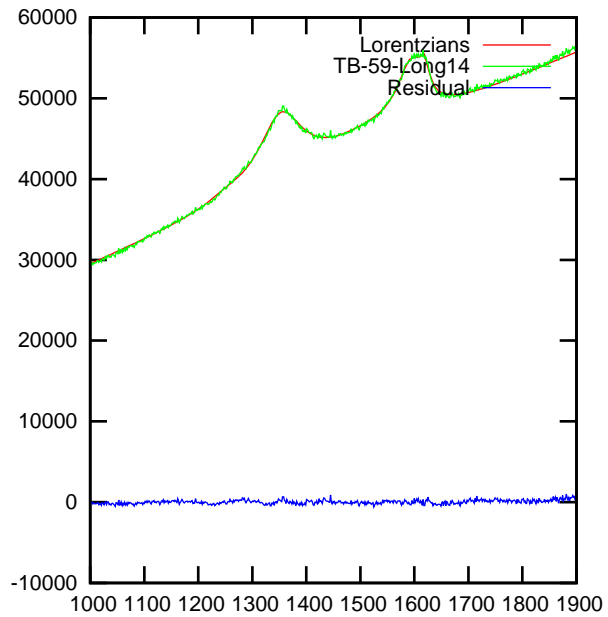
TB-59-Long14

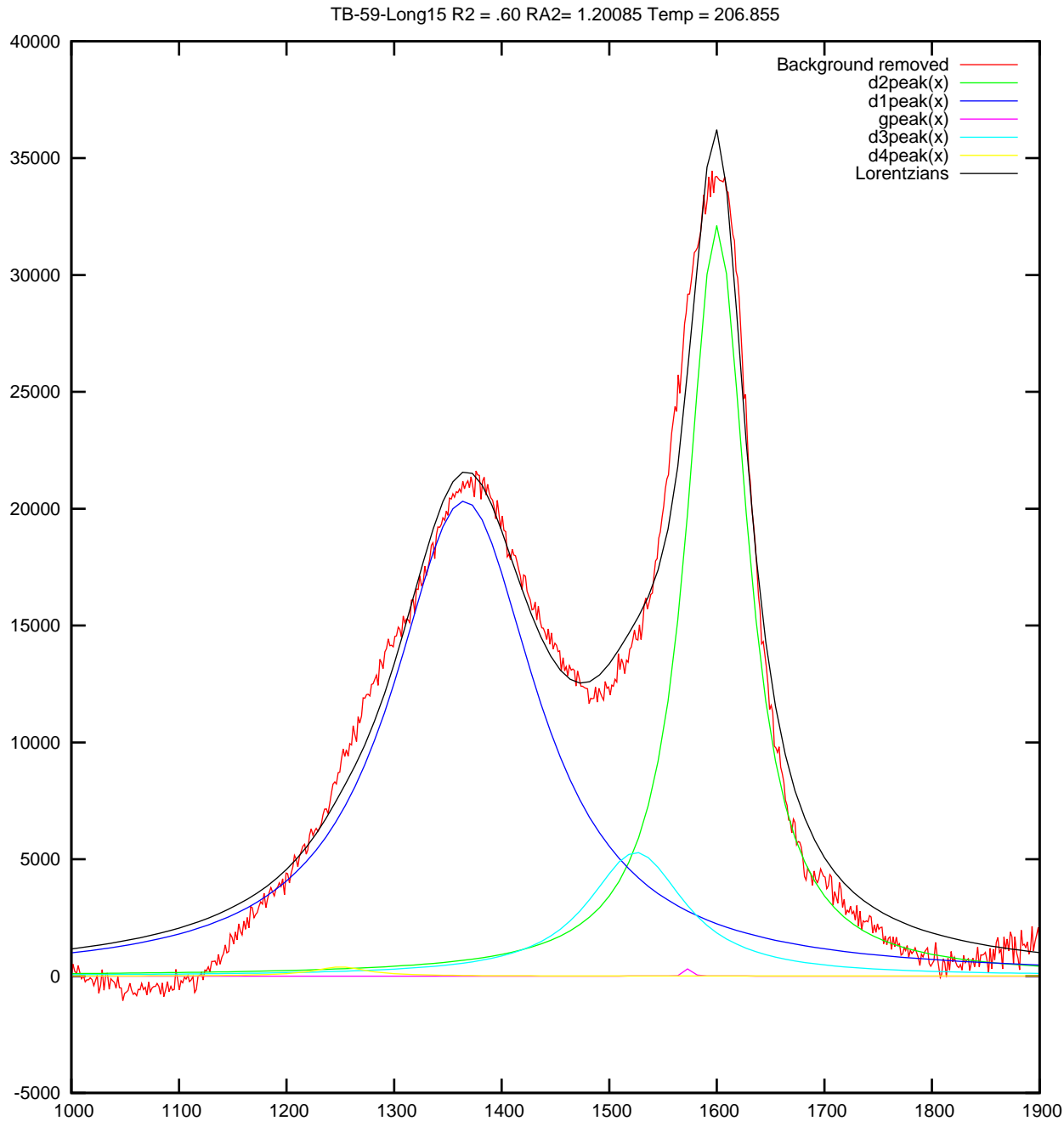
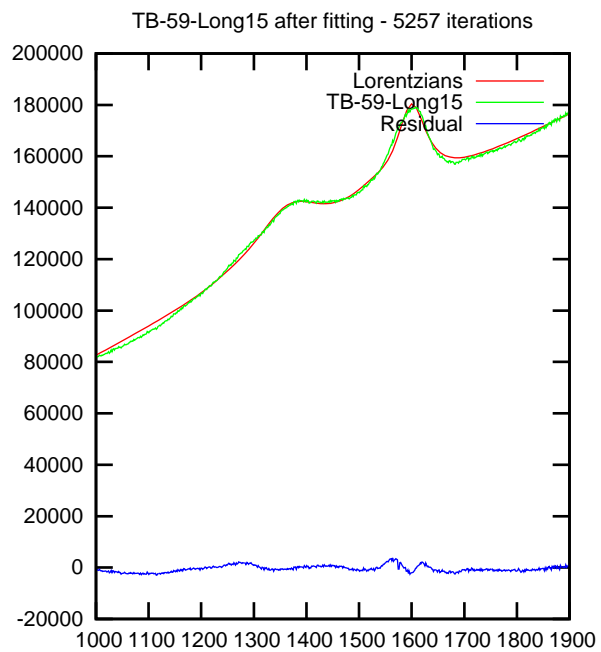
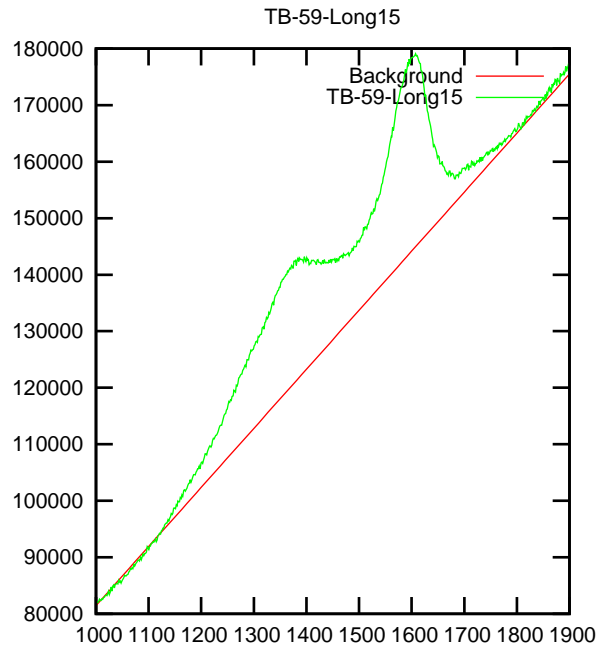


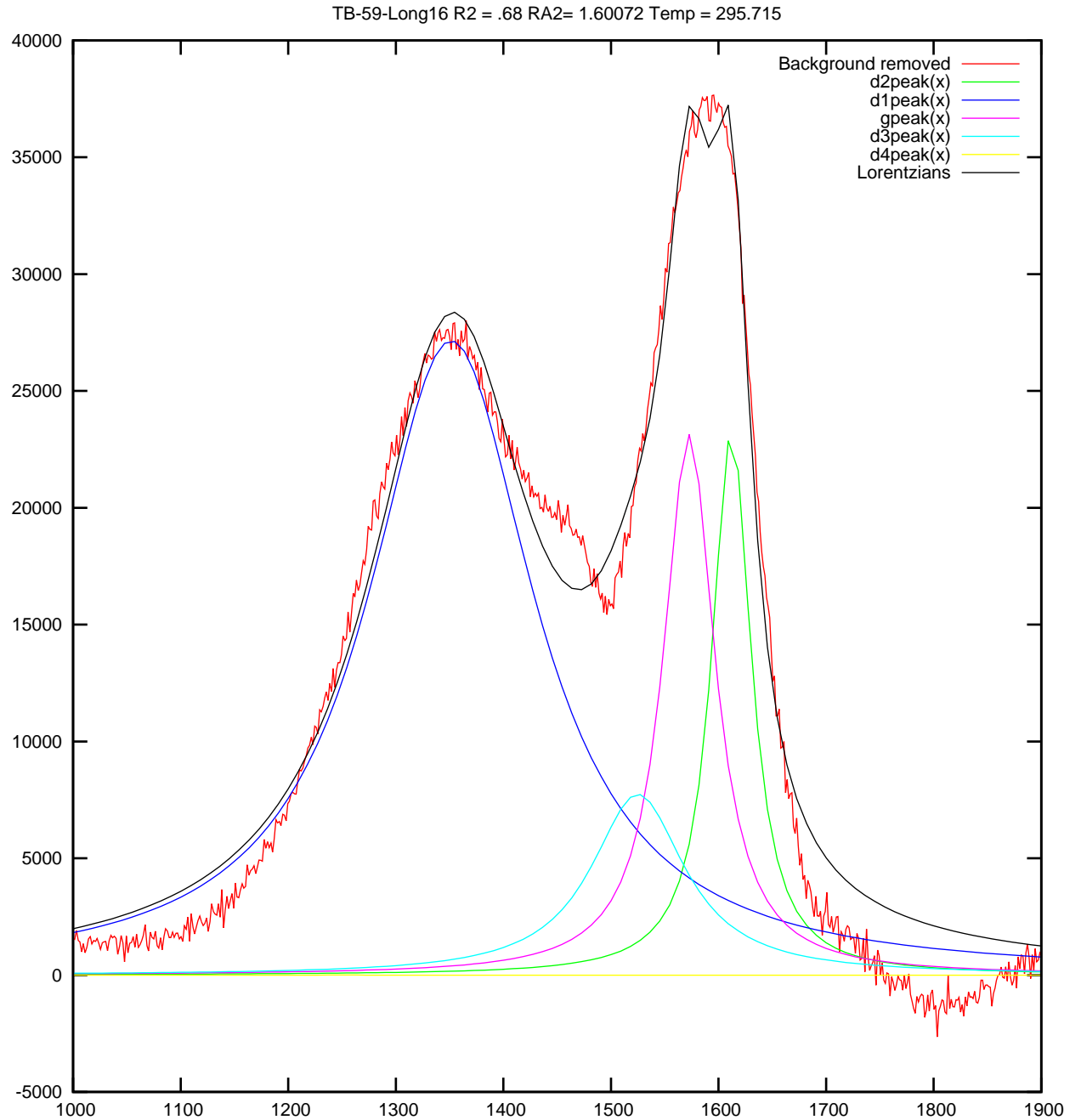
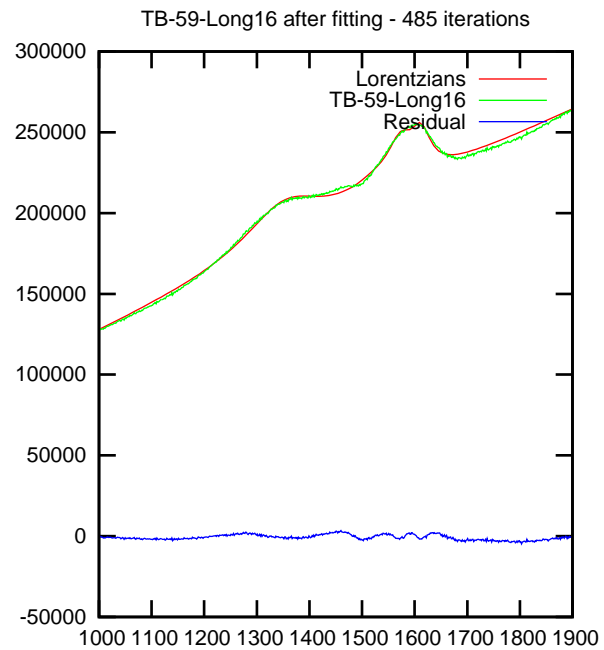
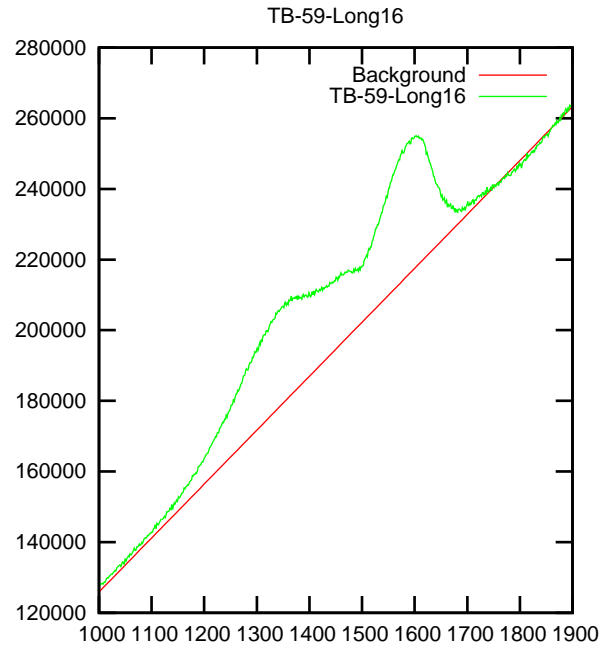
TB-59-Long14 R2 = .63 RA2= 1.16867 Temp = 199.704



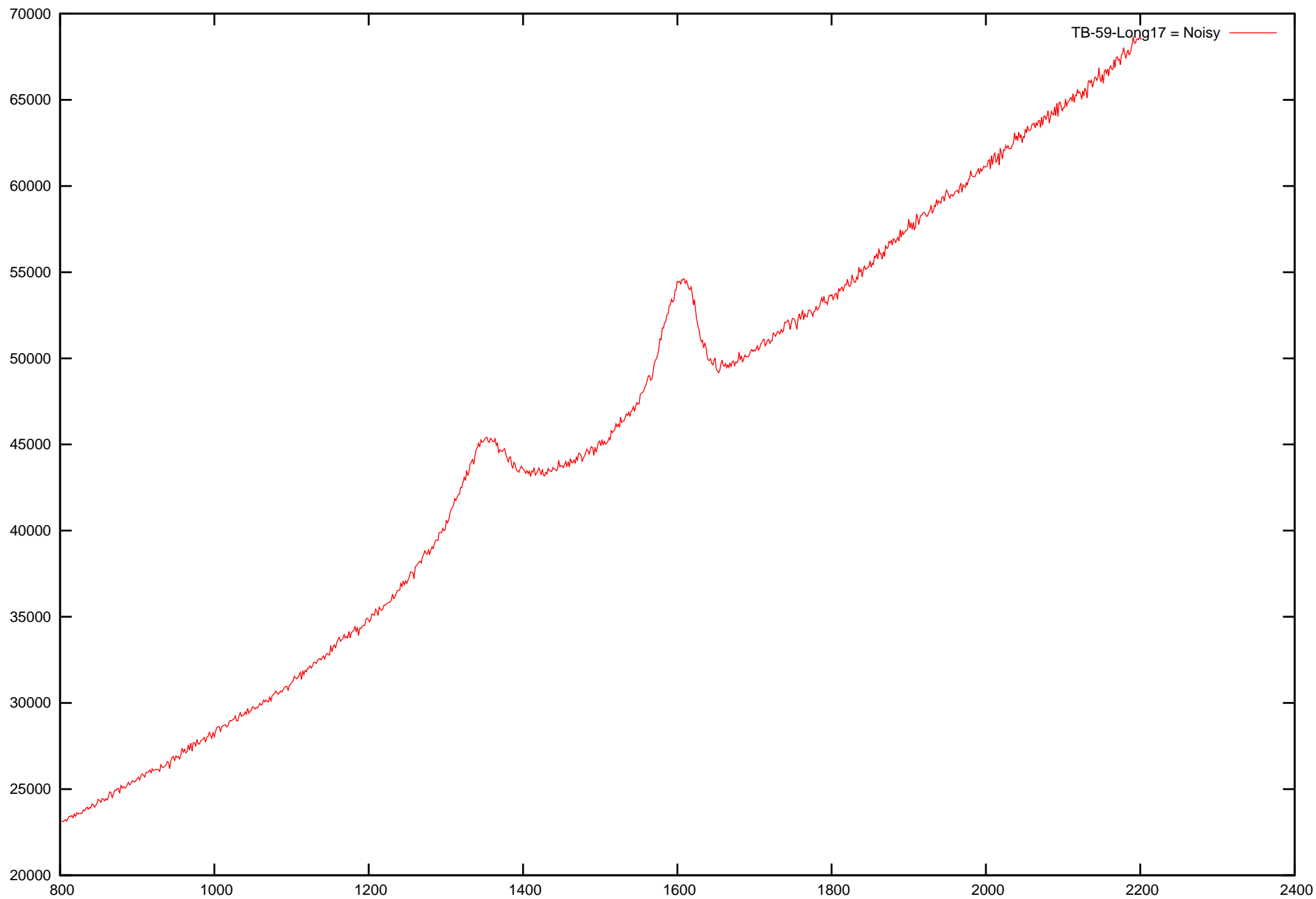
TB-59-Long14 after fitting - 372 iterations



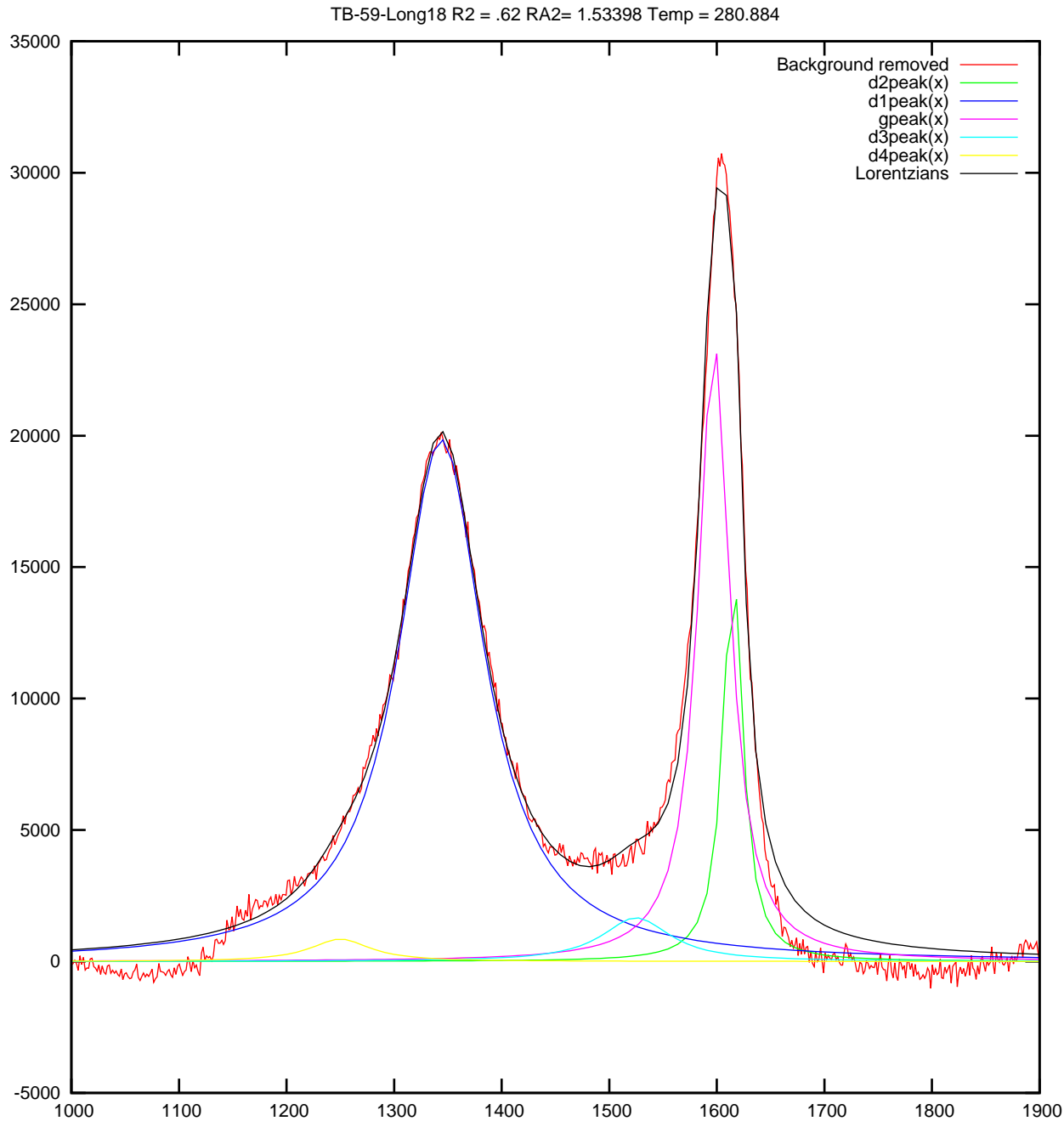
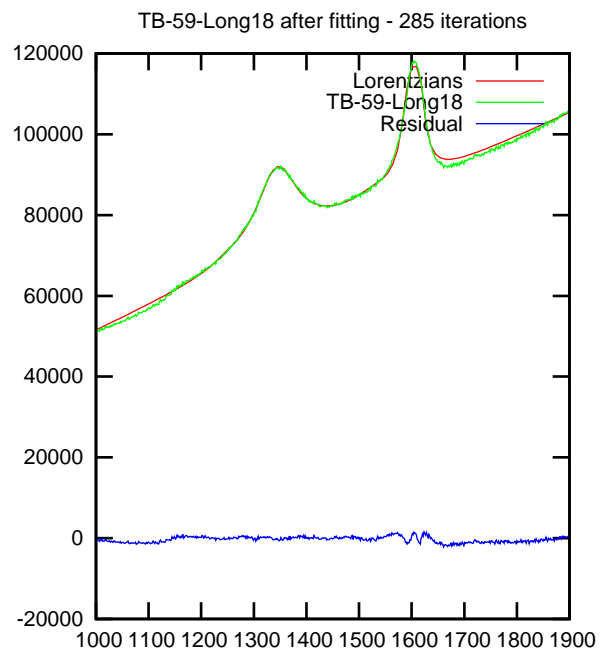
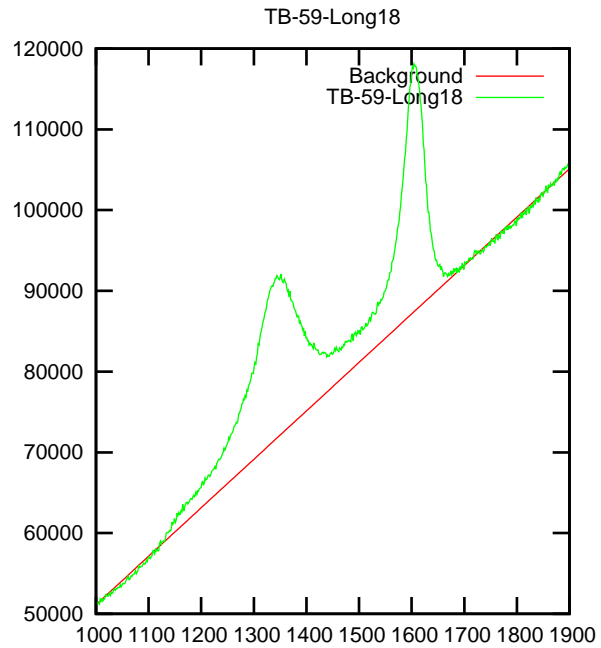


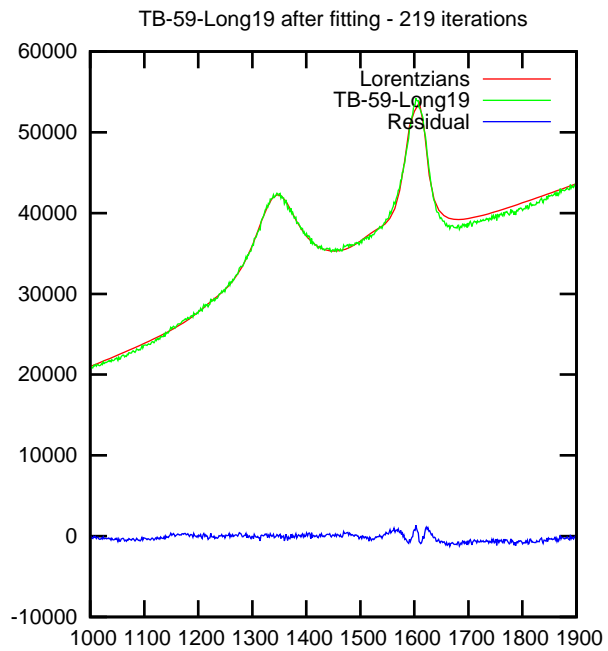
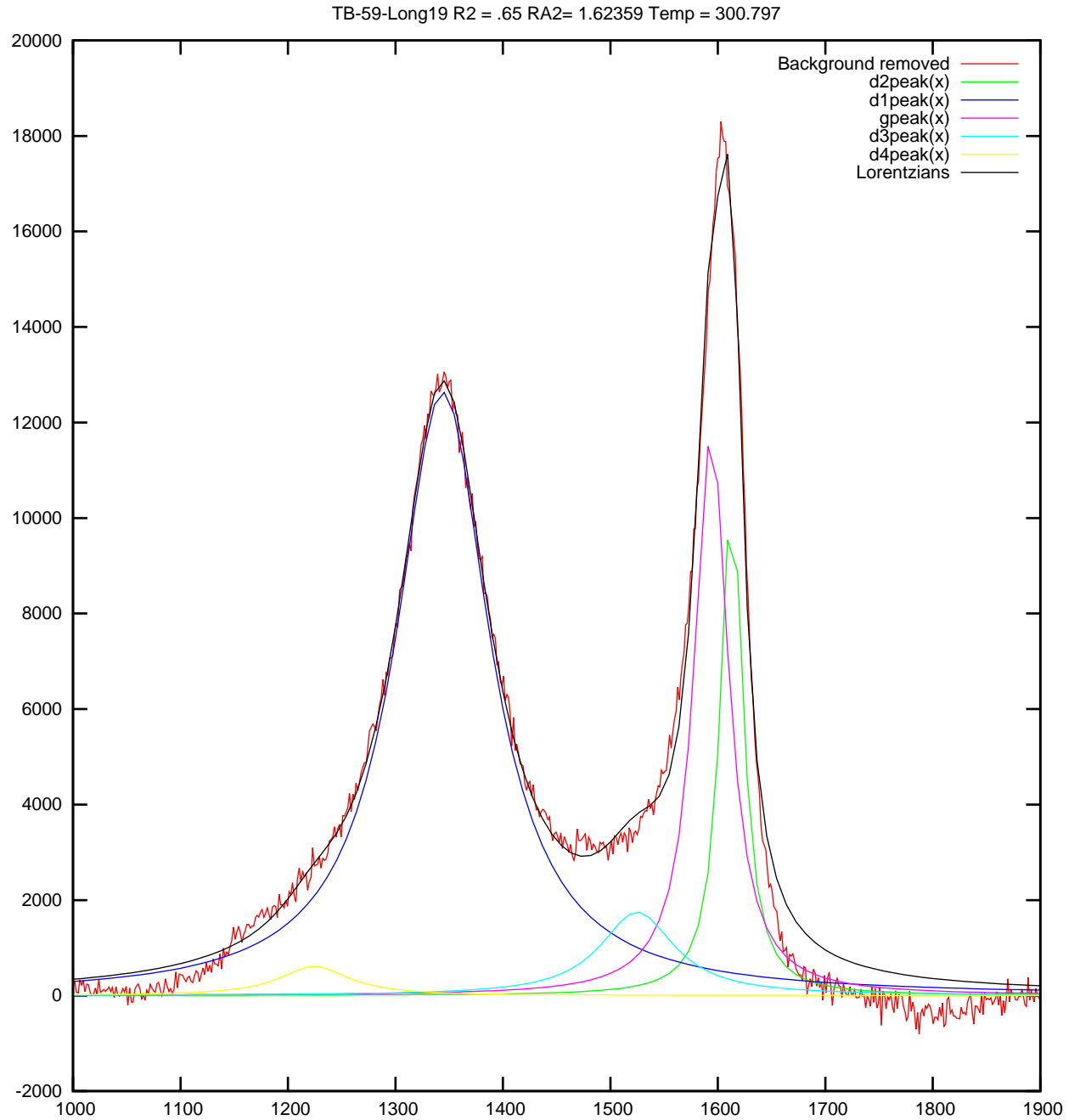
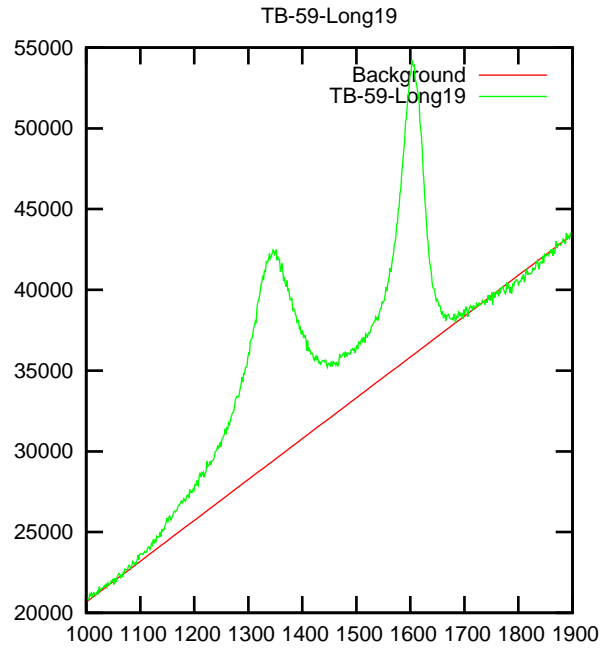


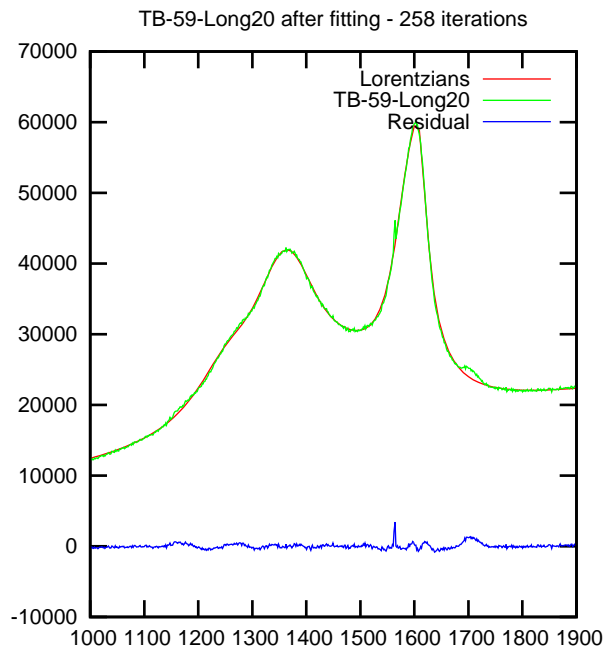
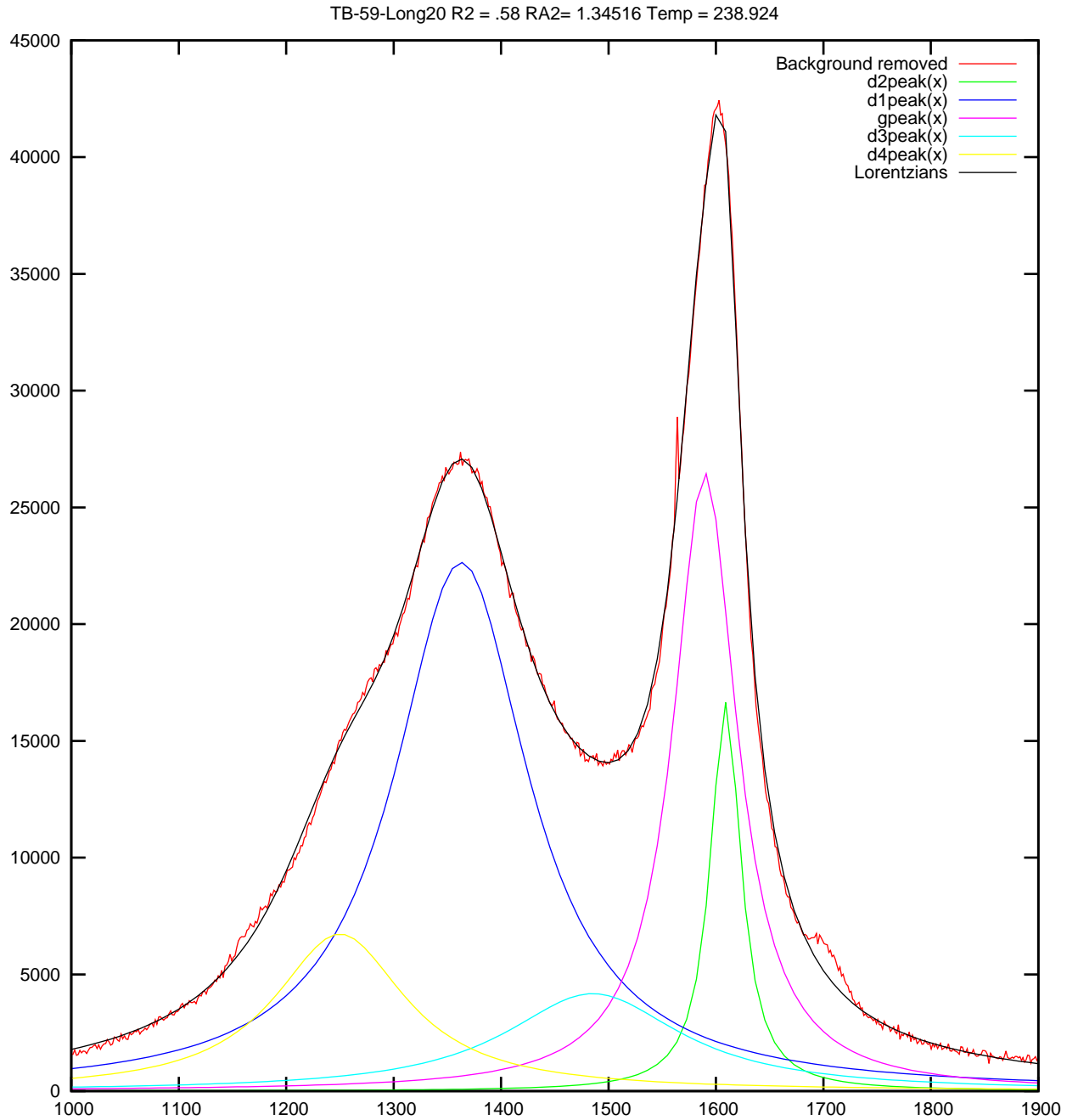
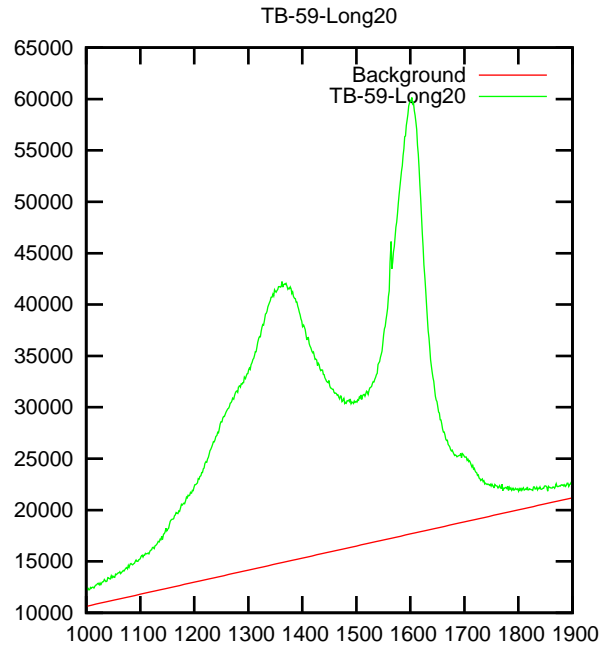
TB-59-Long17 = Noisy

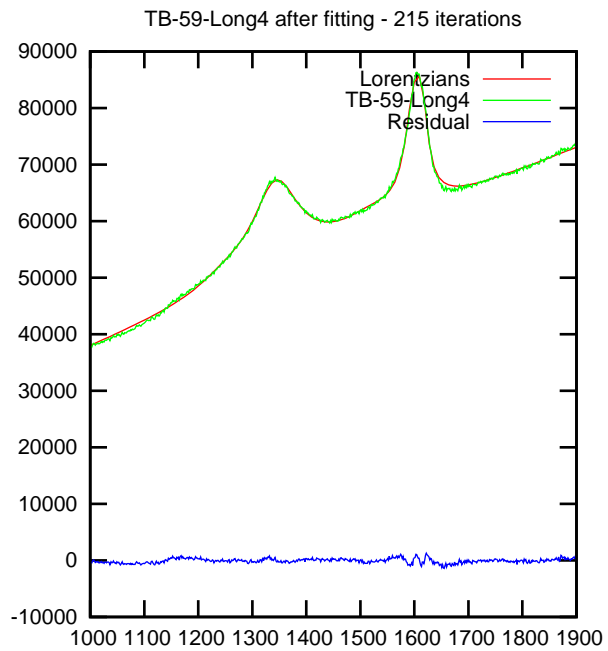
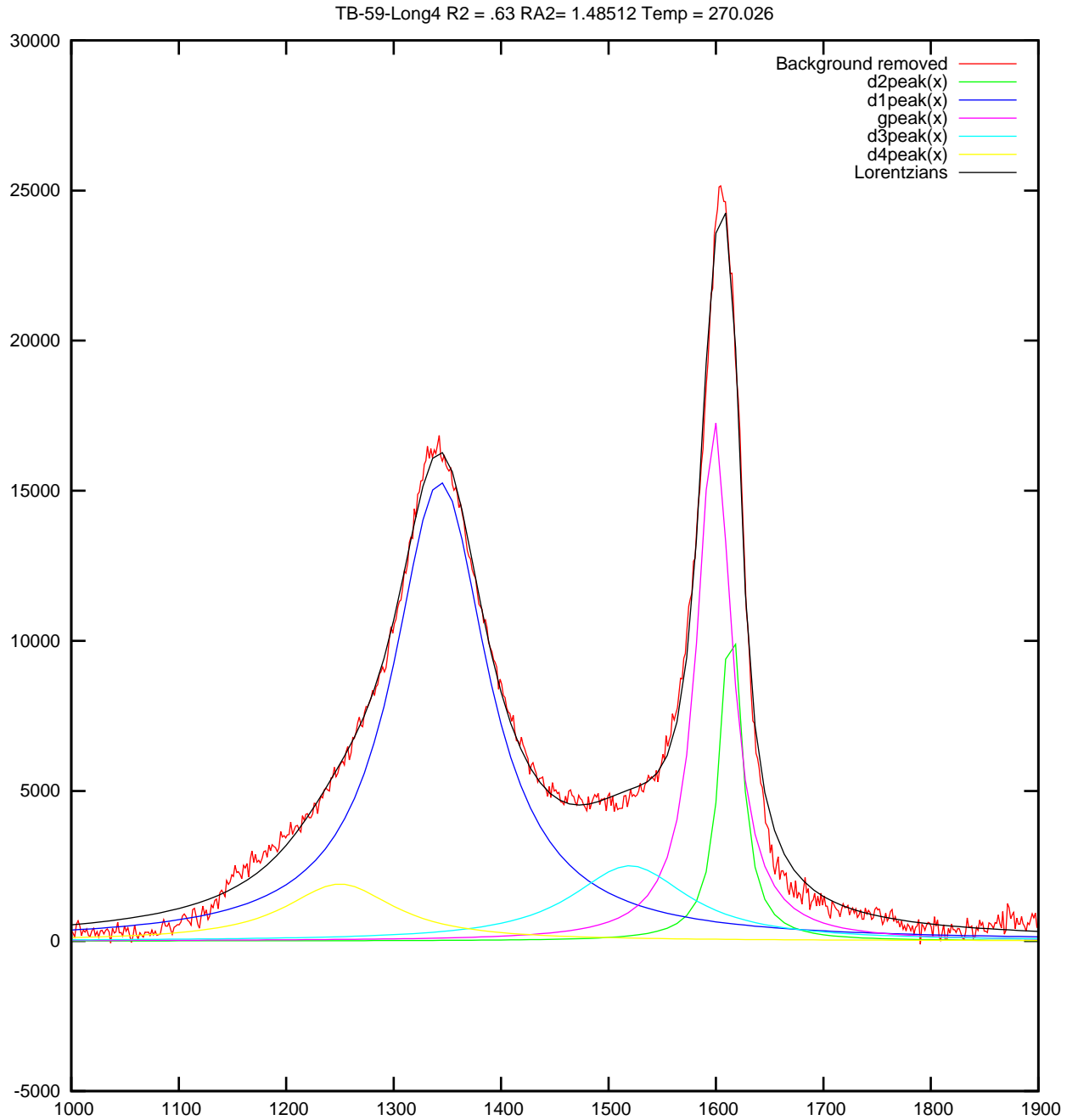
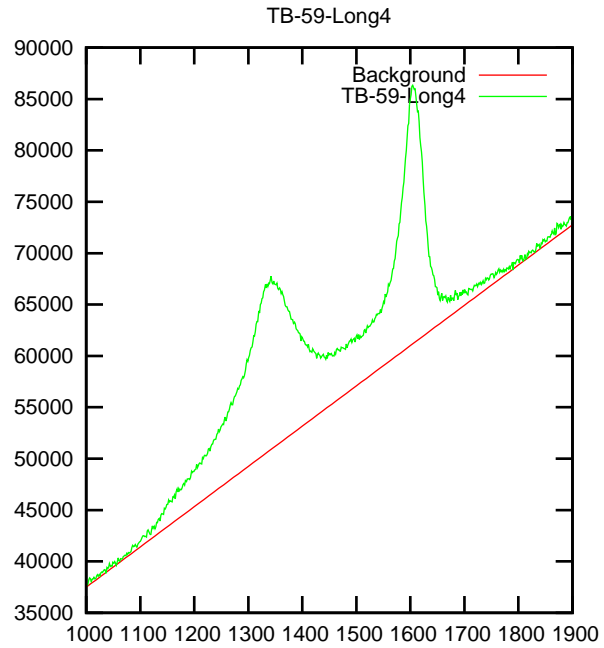


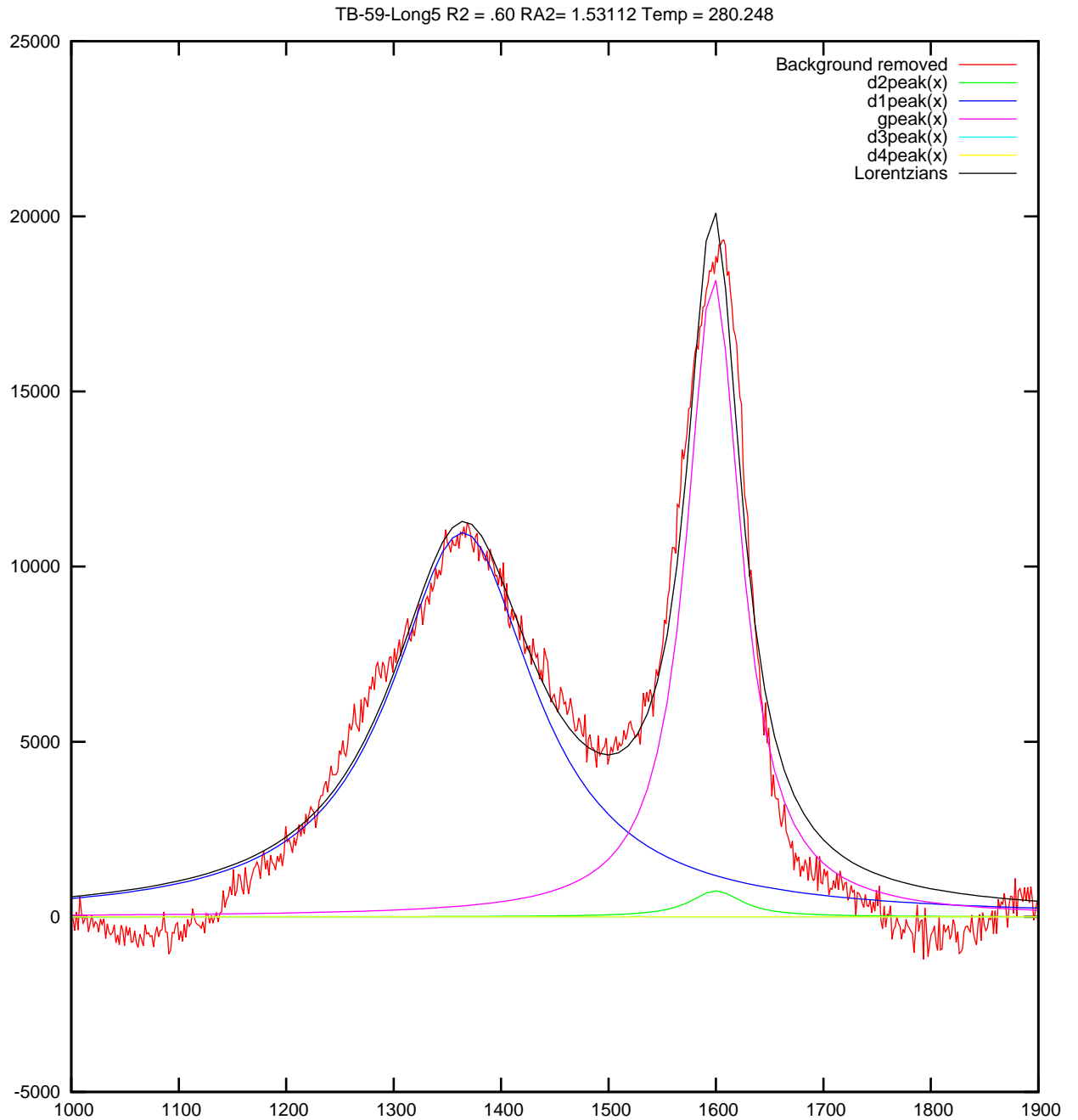
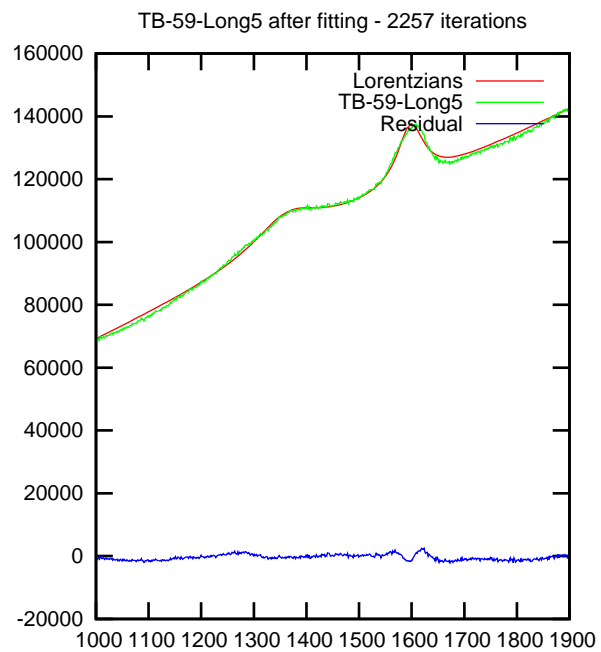
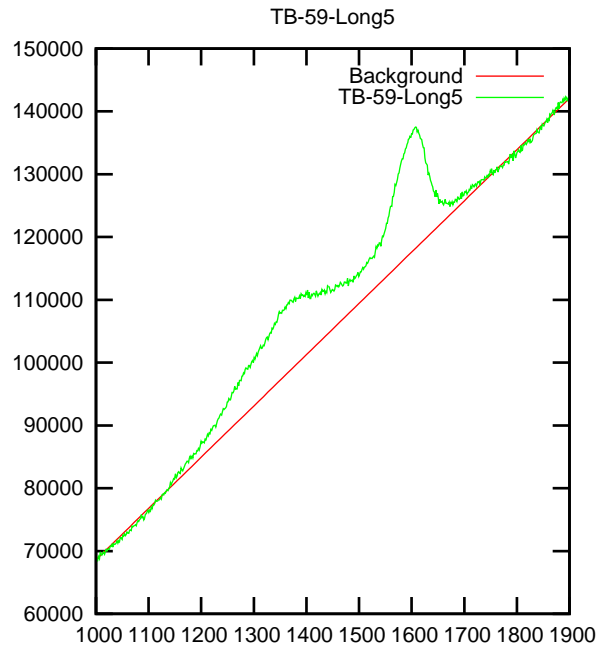
TB-59-Long17 = Noisy

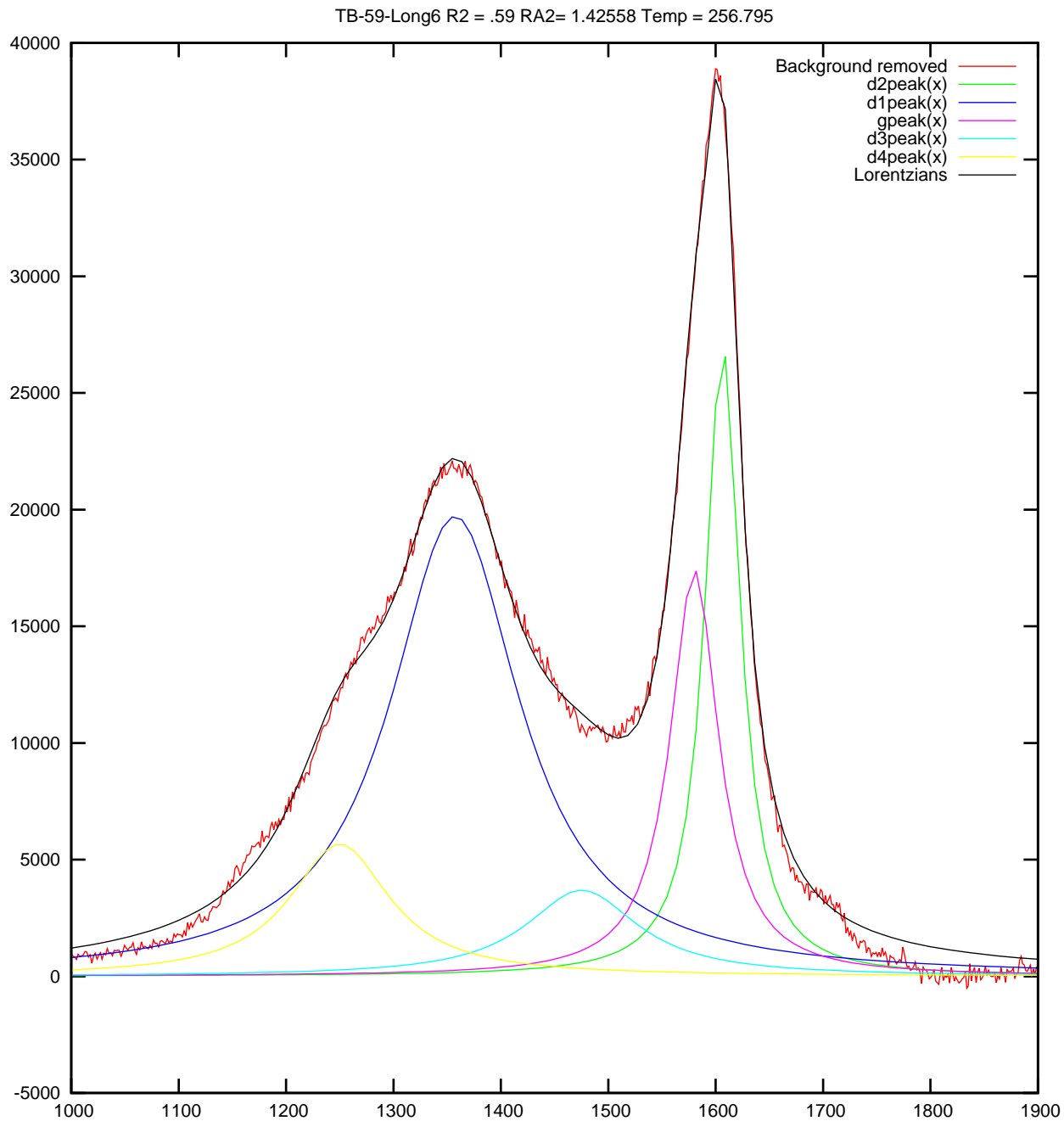
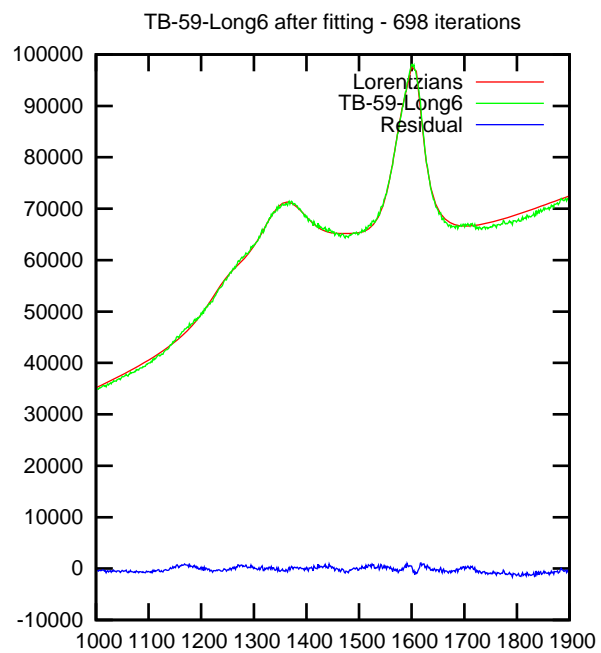
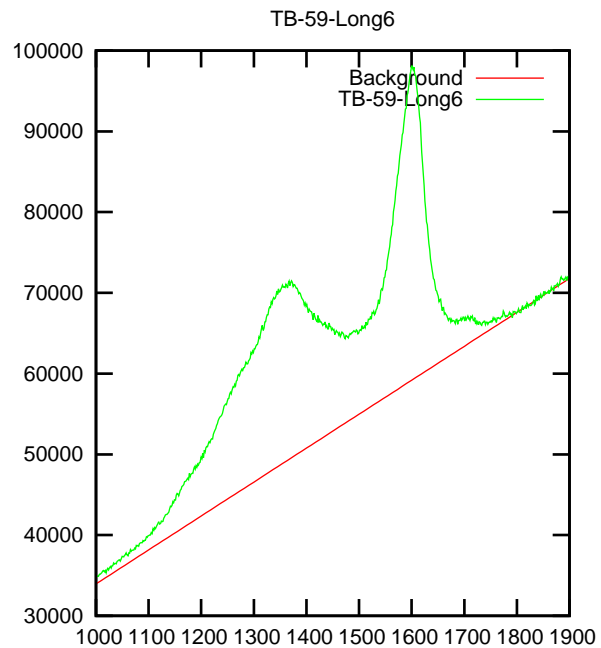


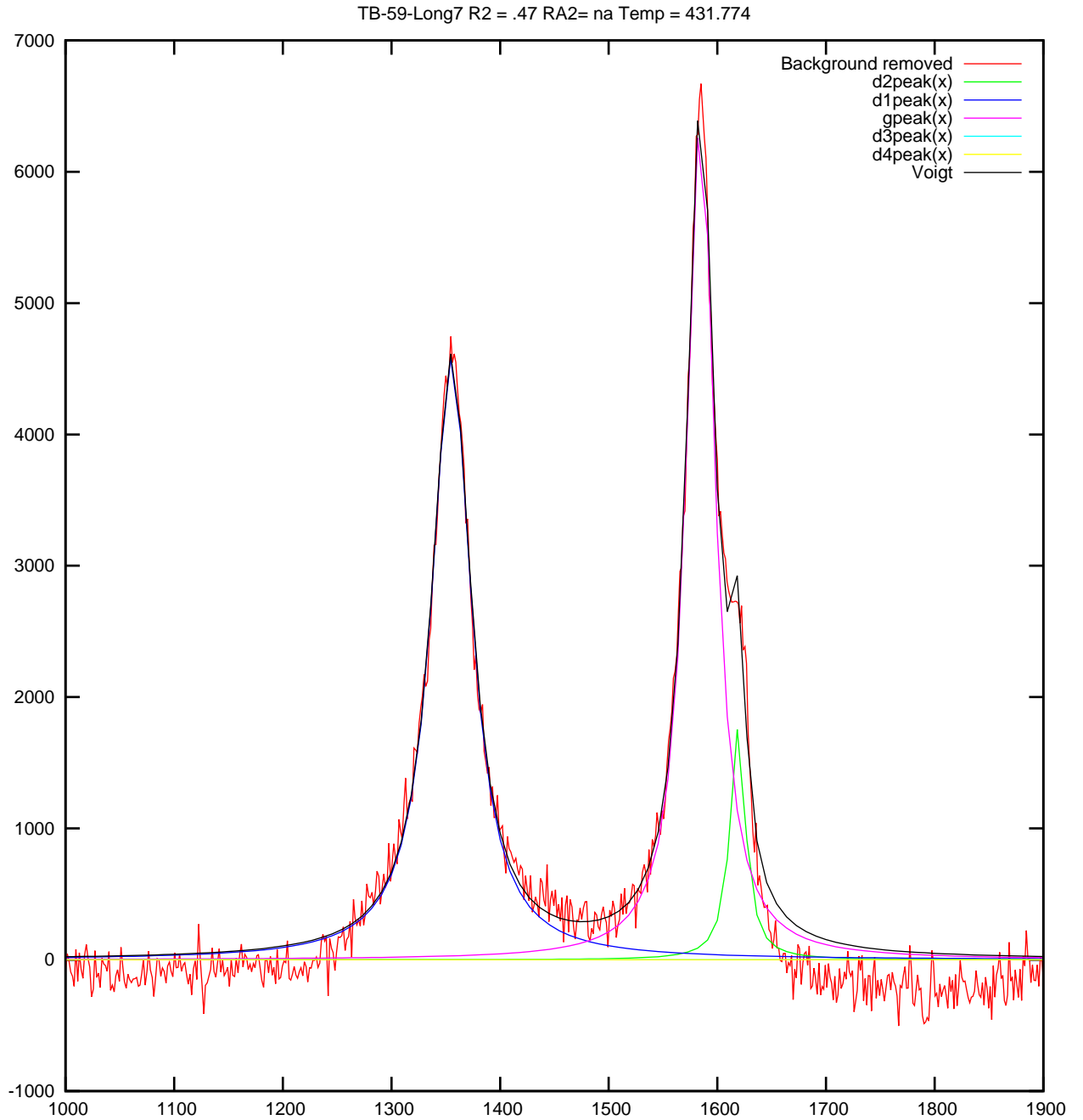
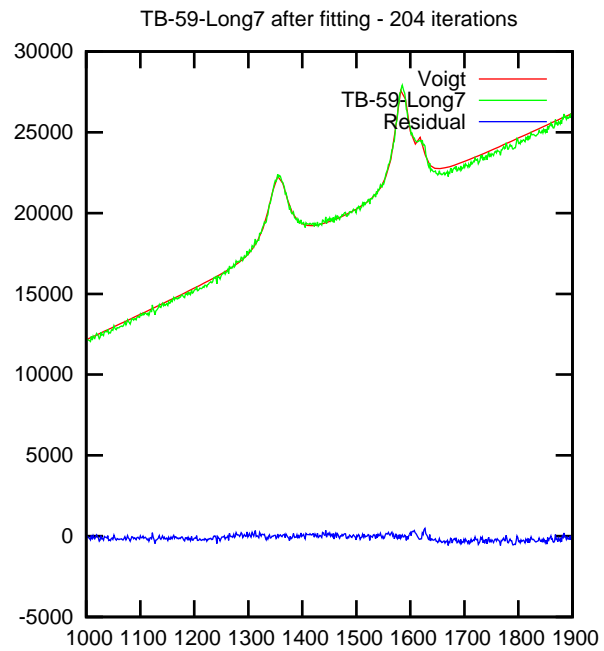
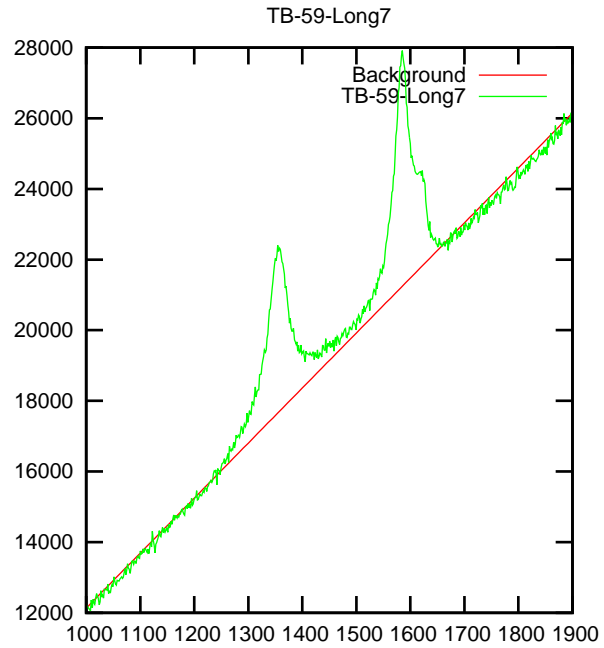


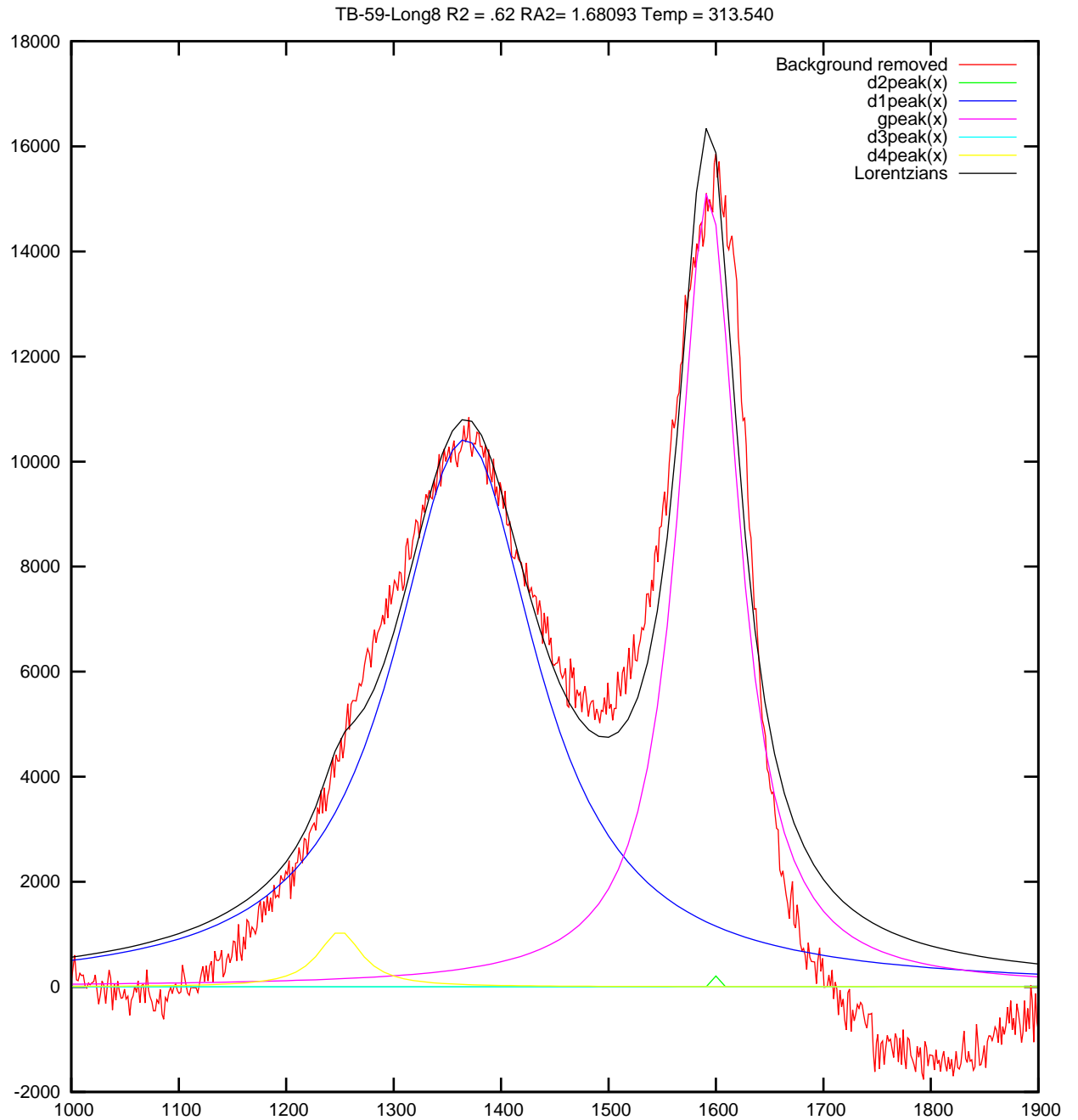
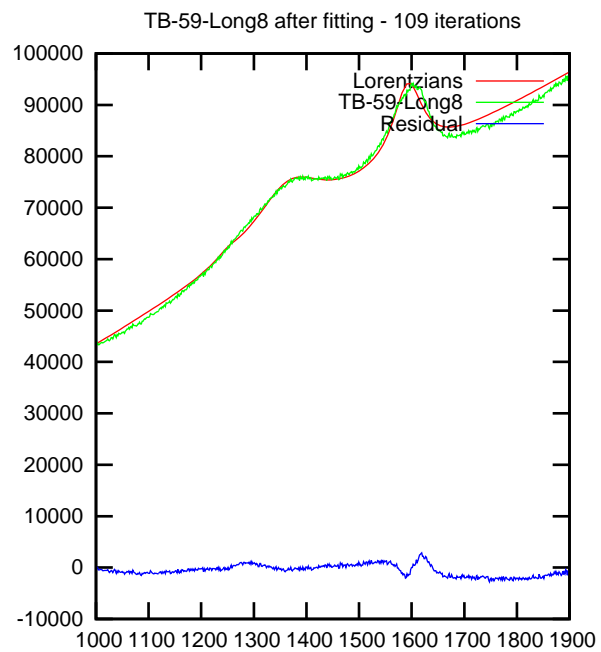
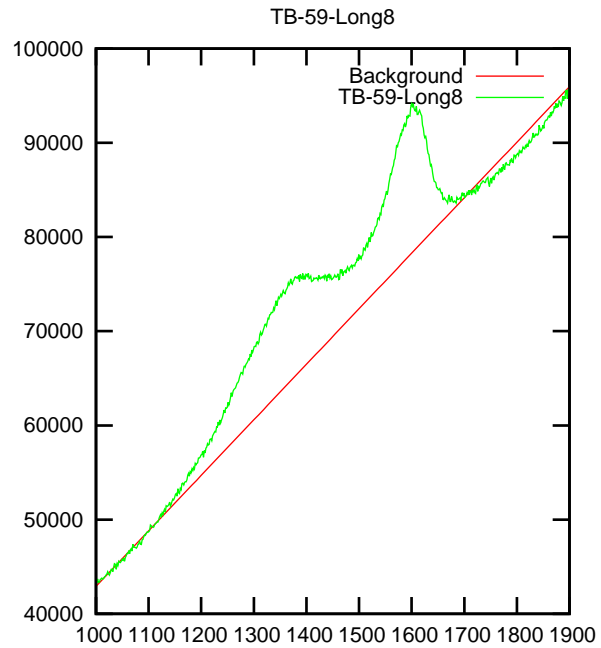


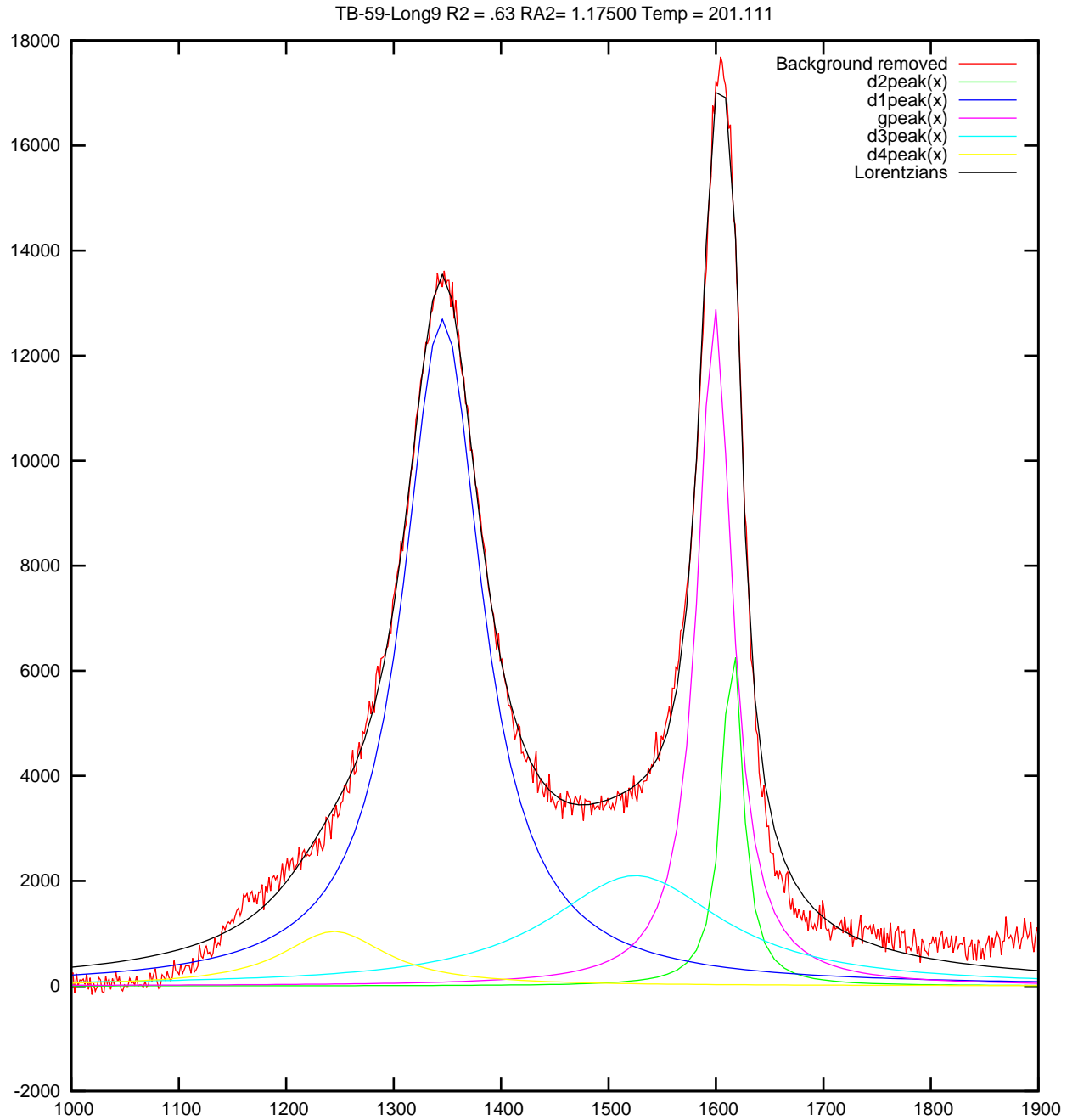
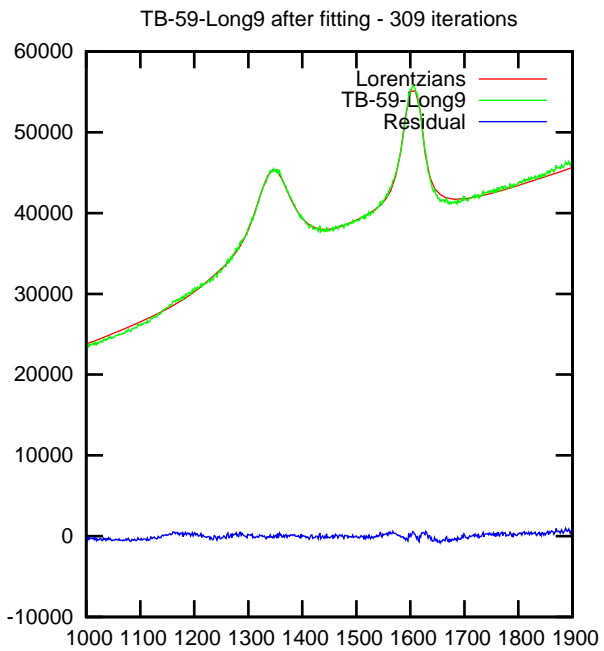
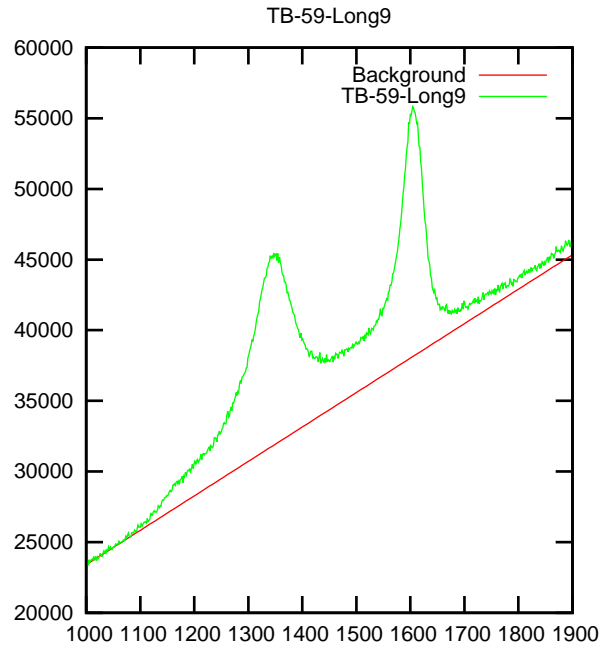


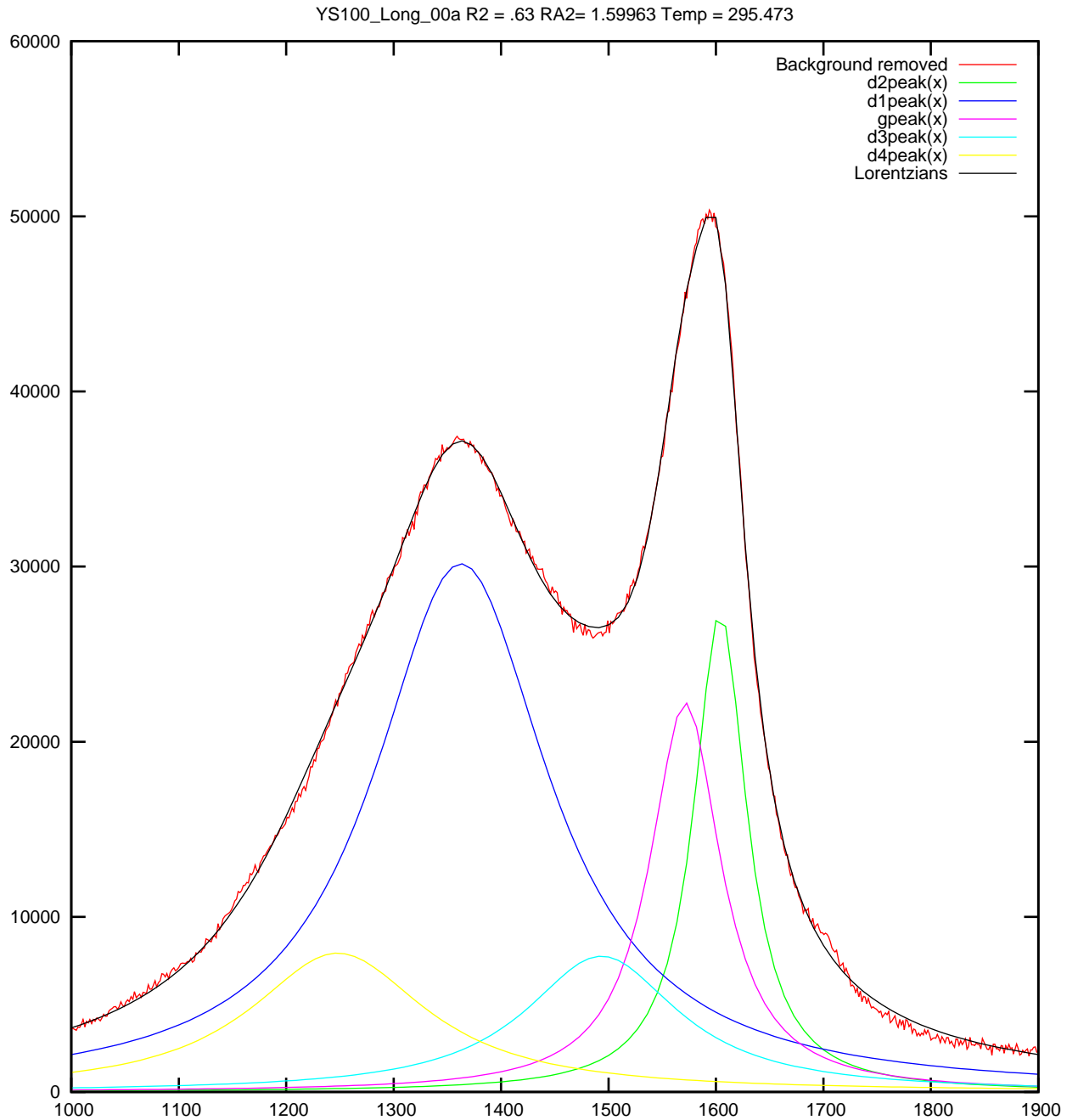
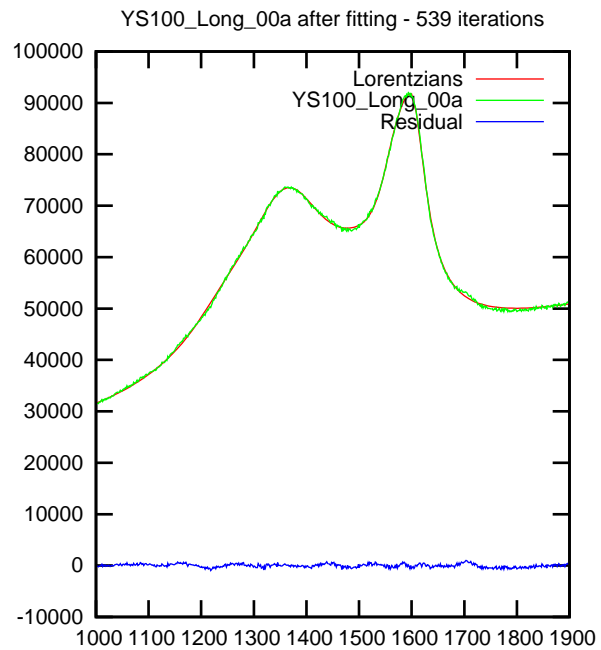
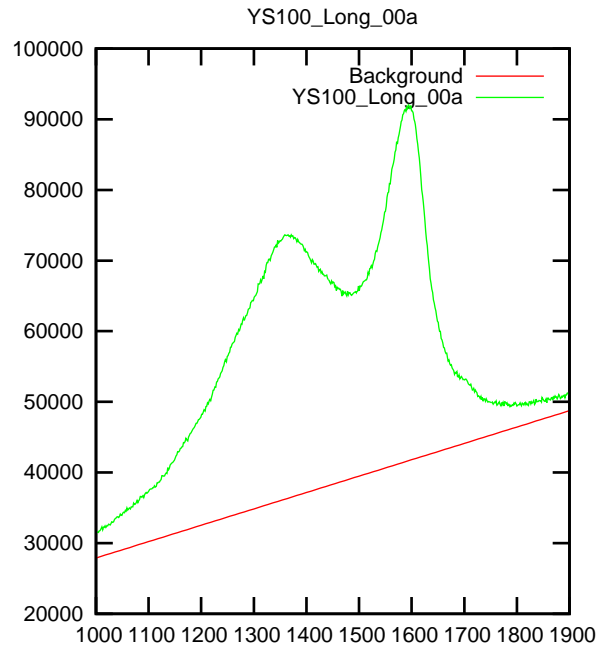


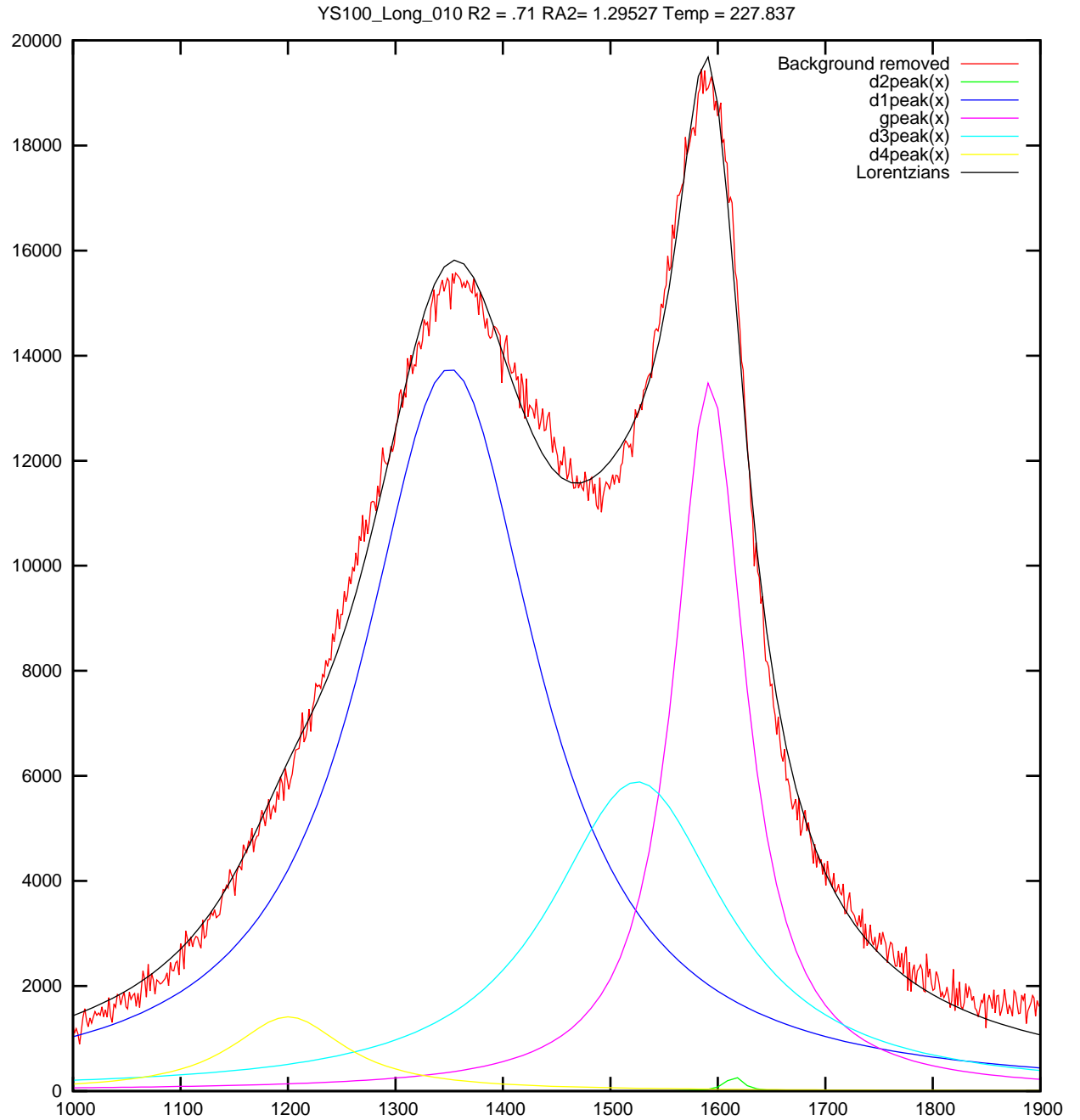
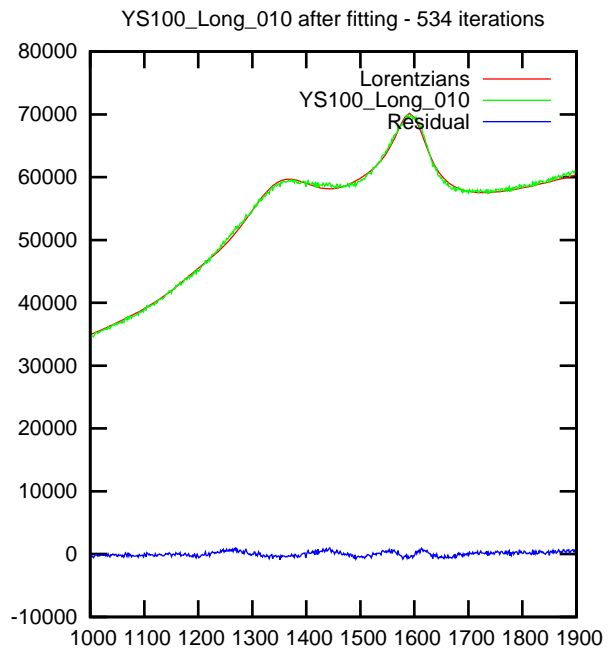
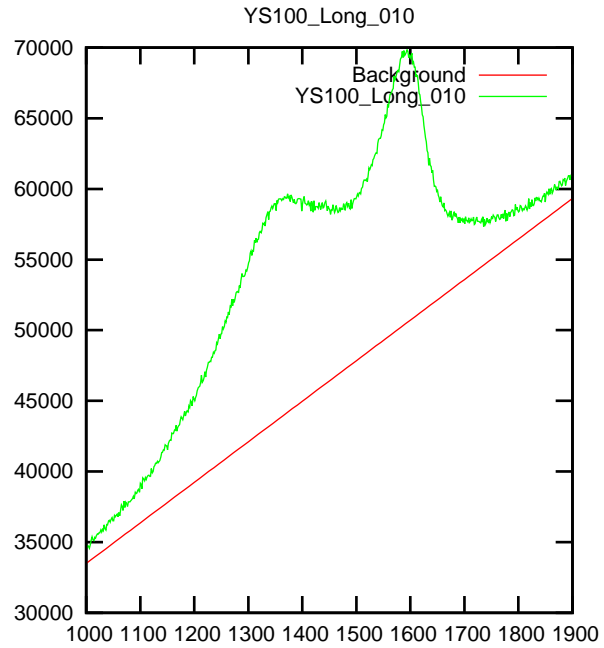




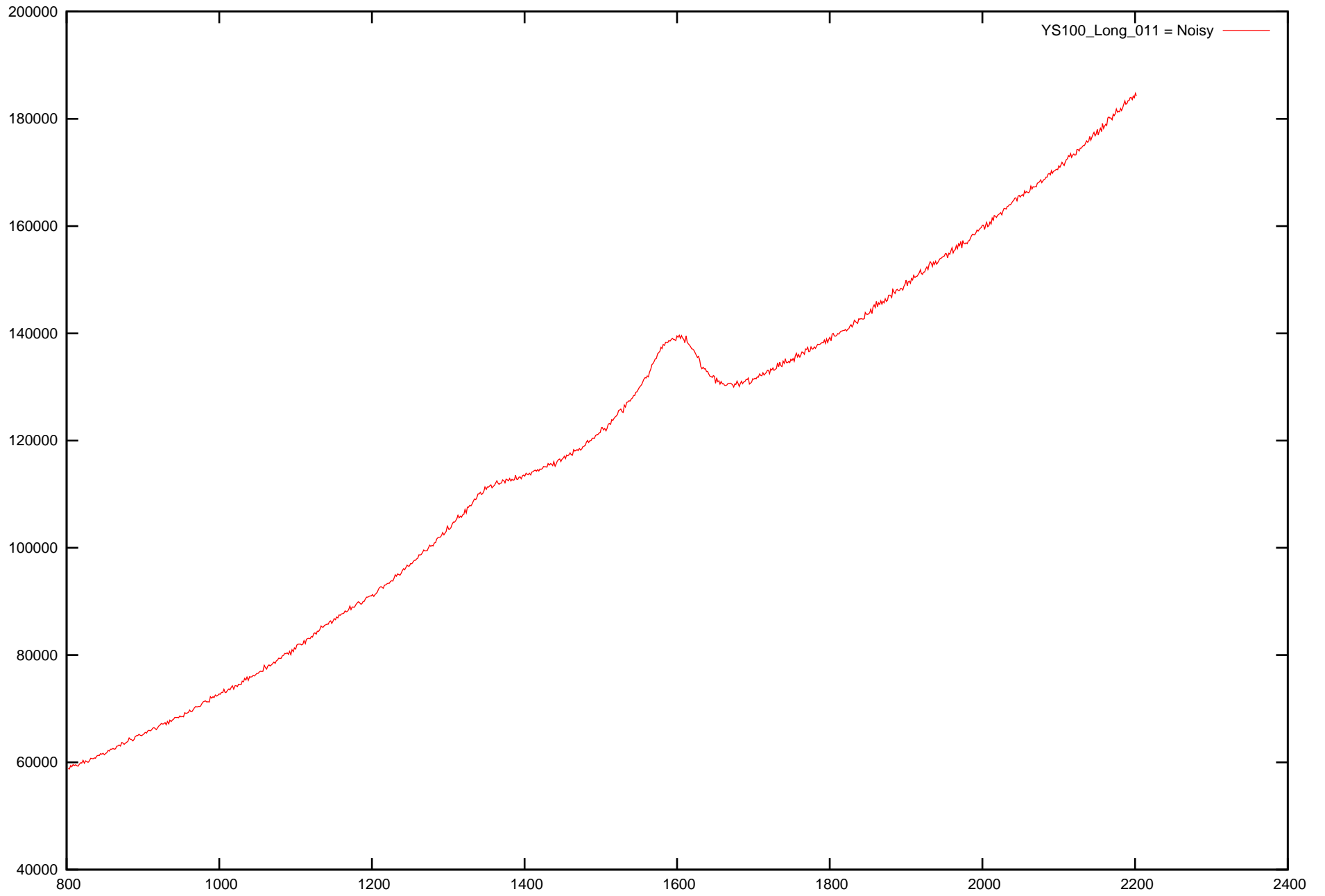


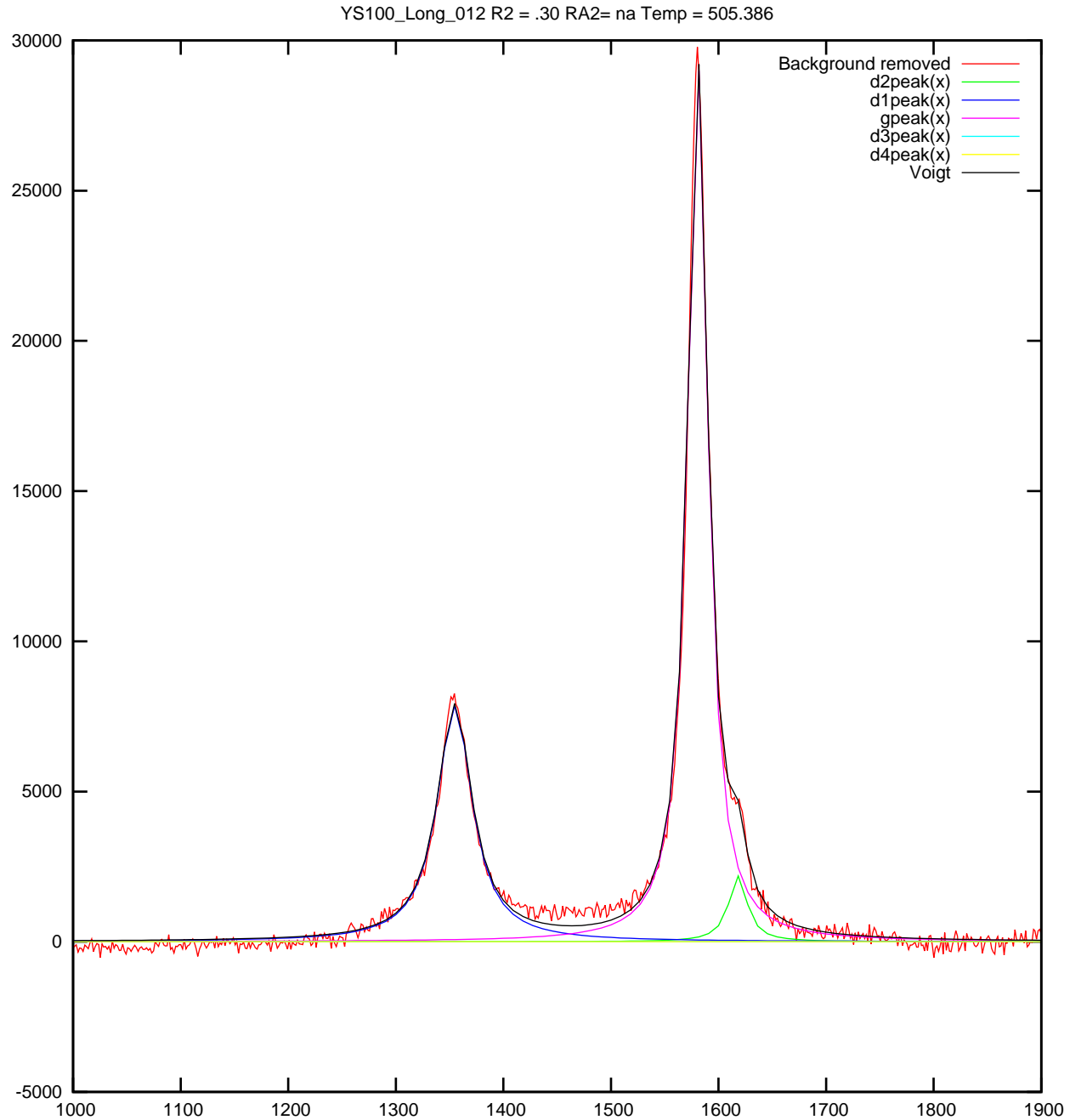
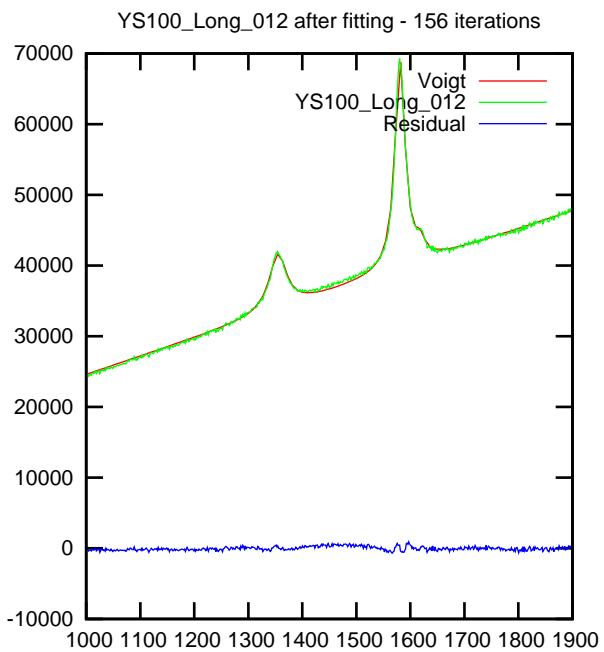
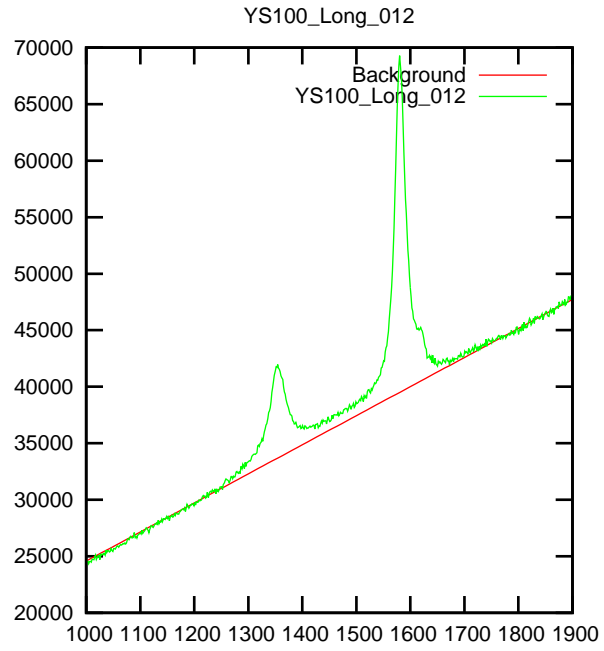


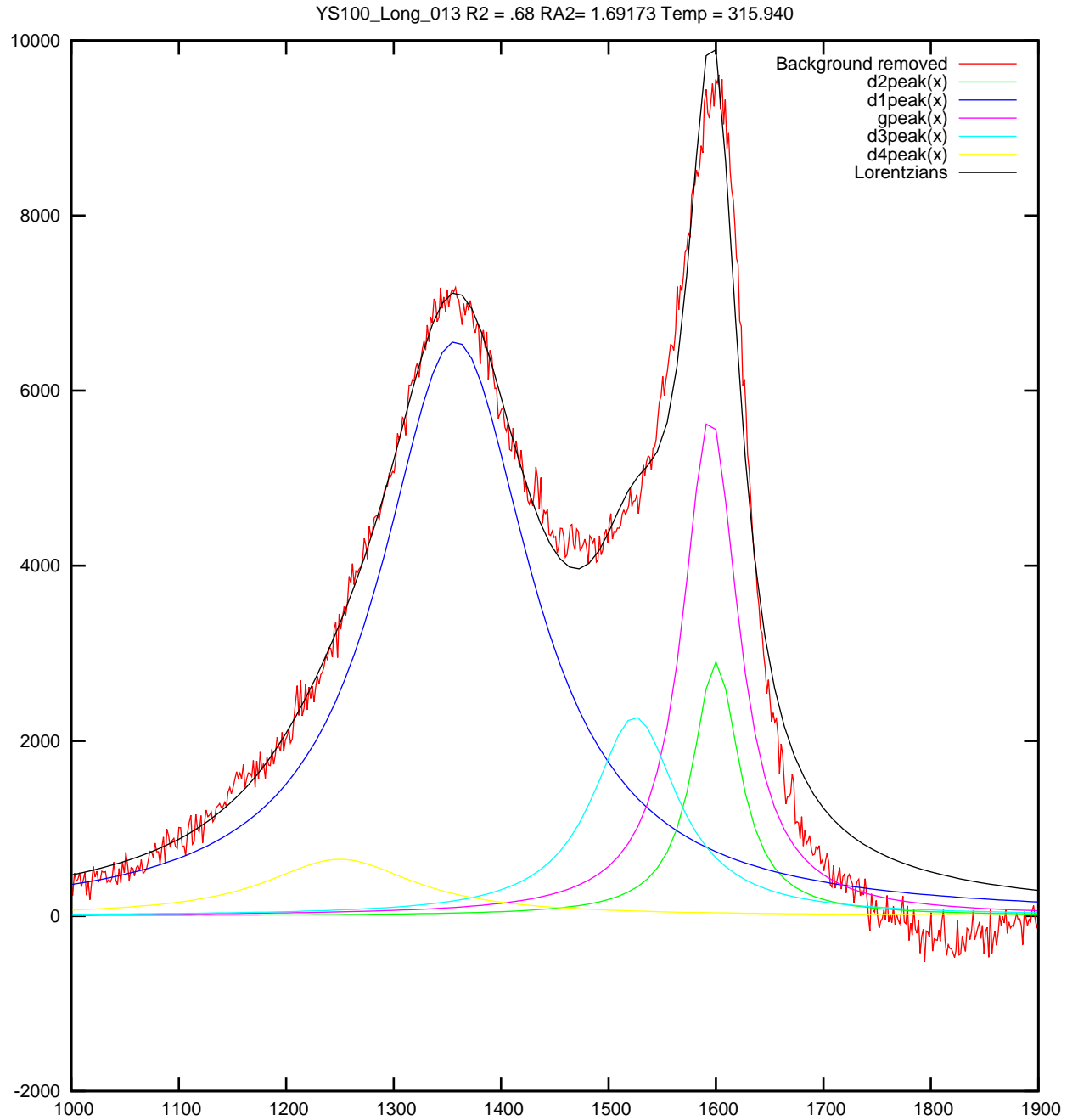
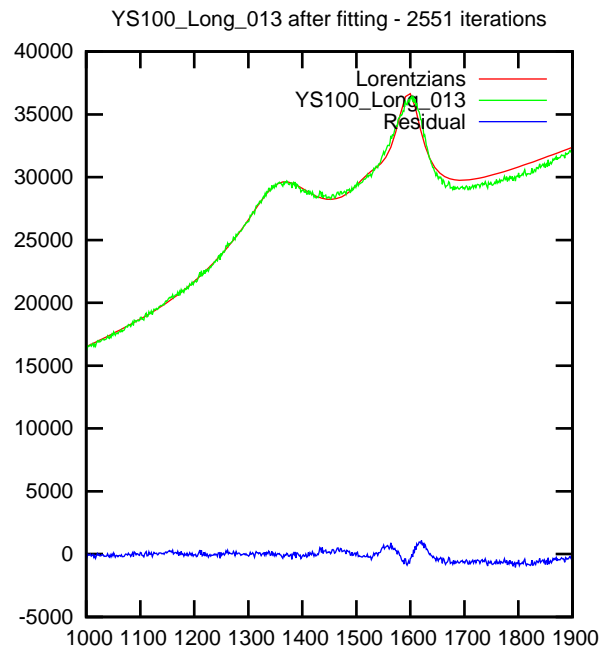
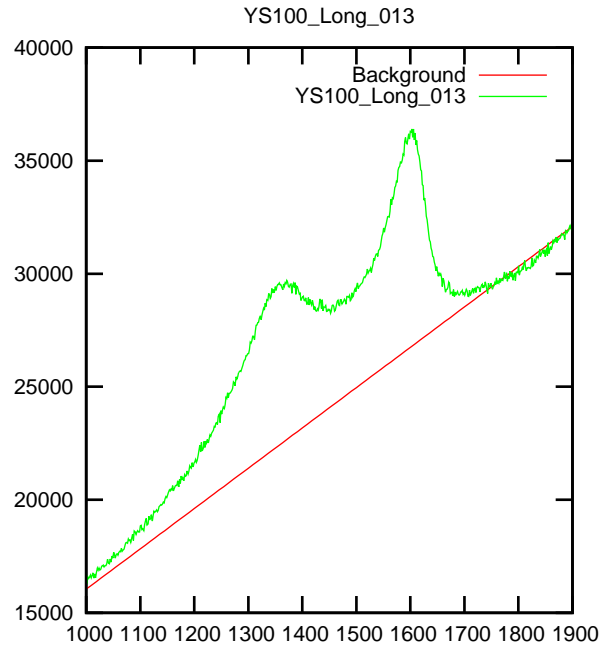


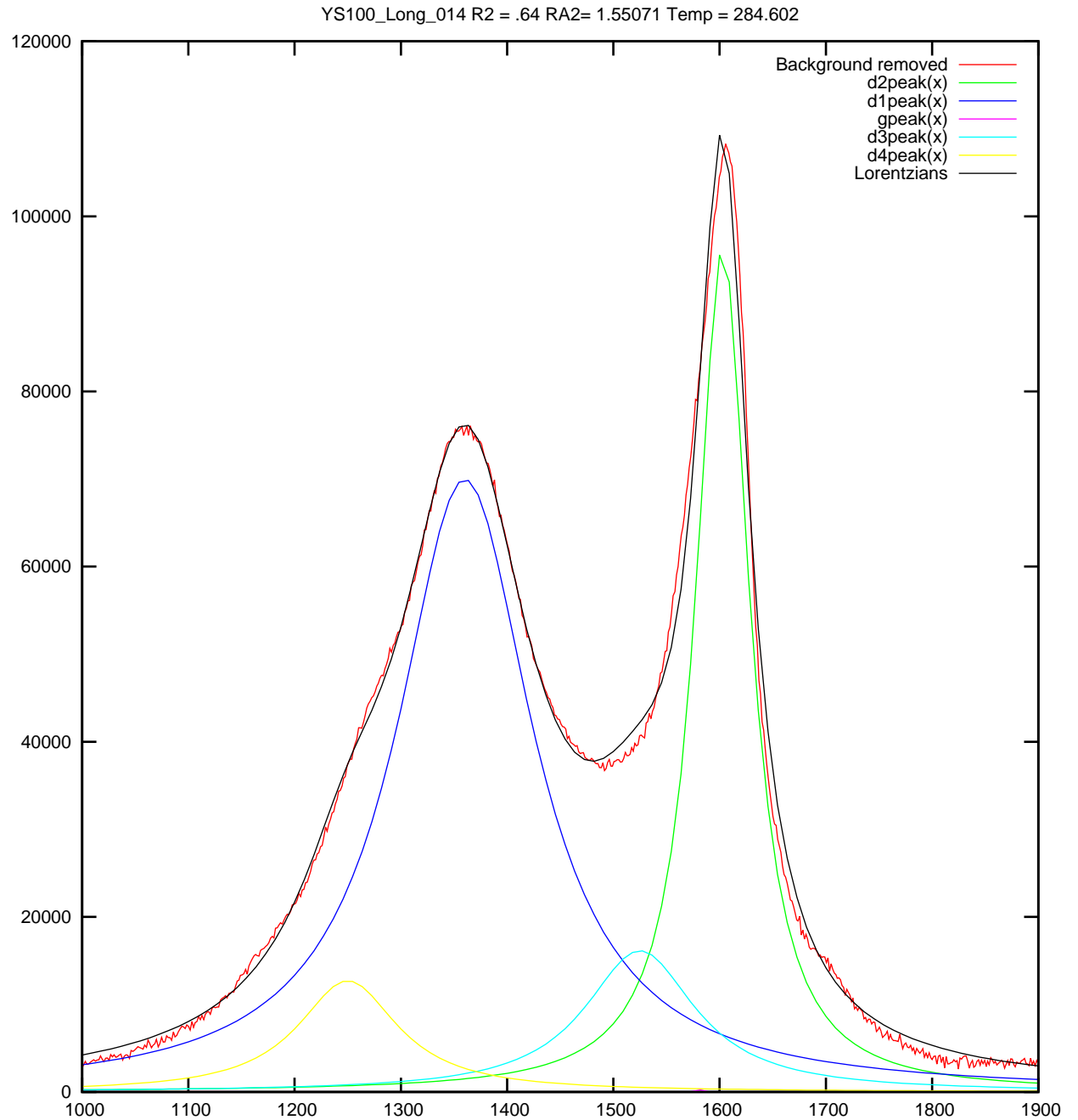
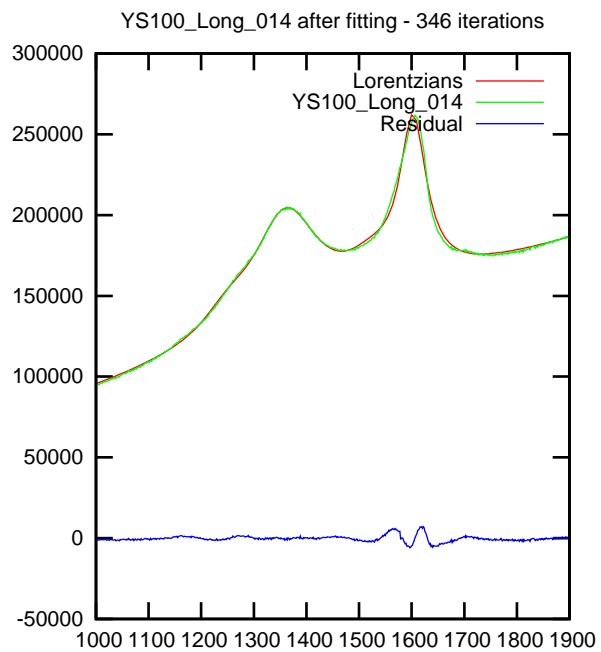
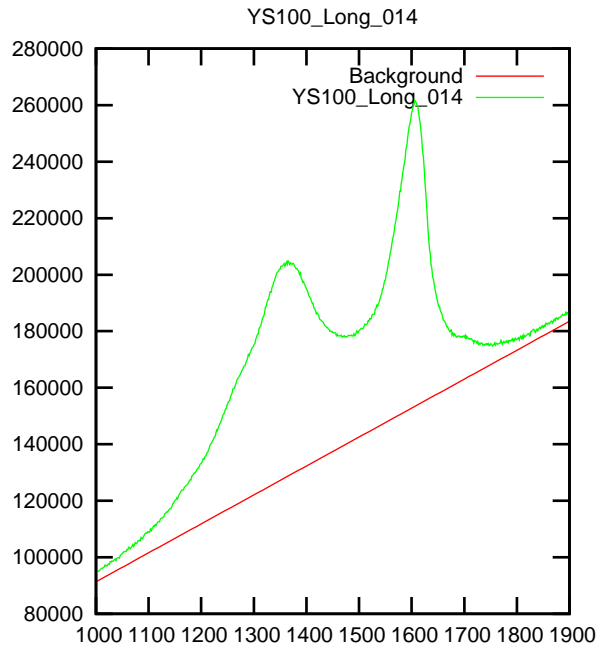


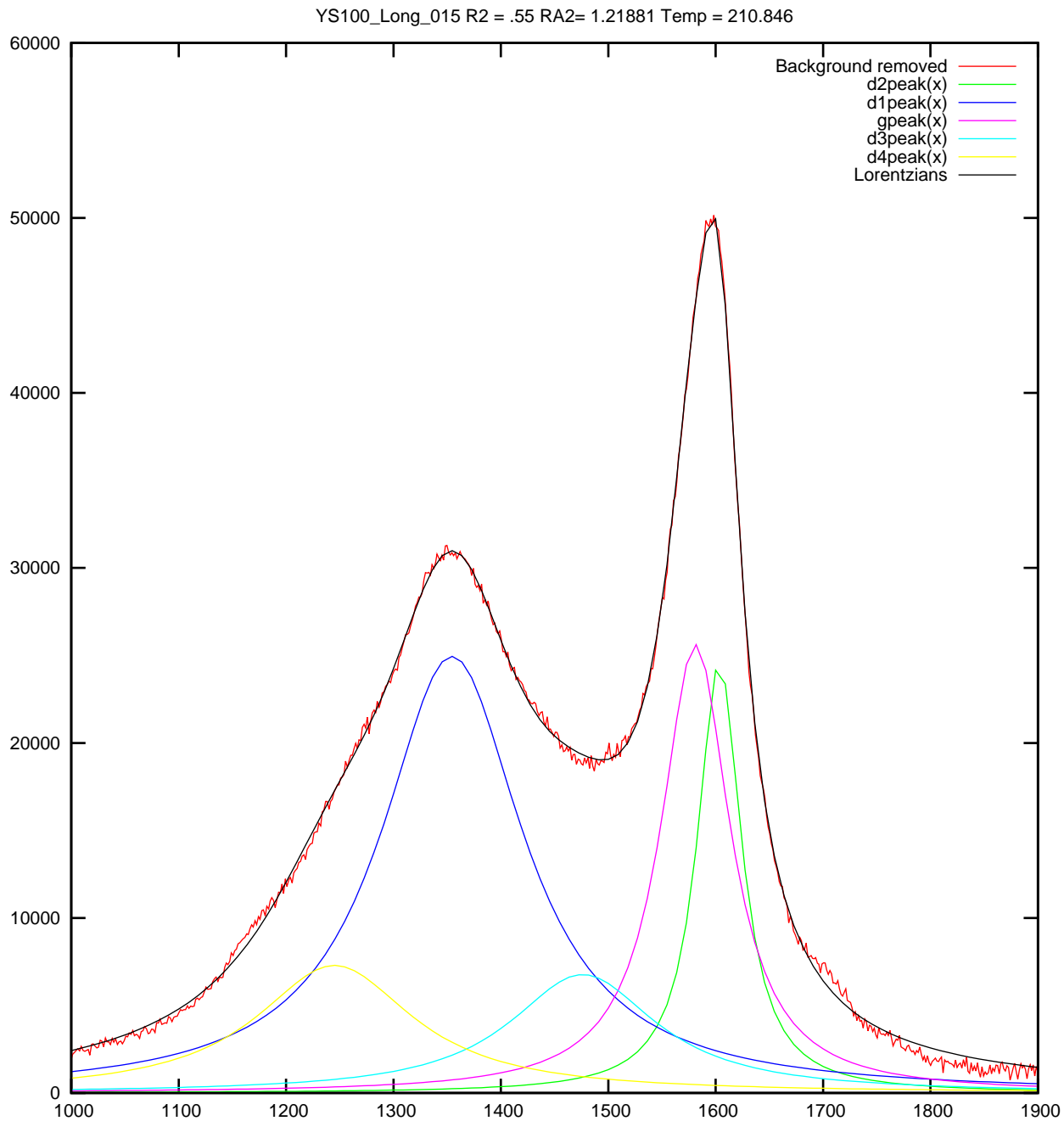
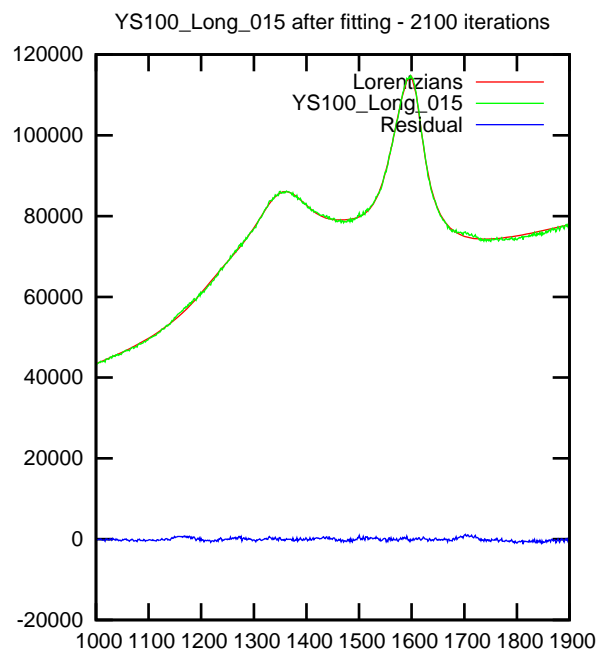
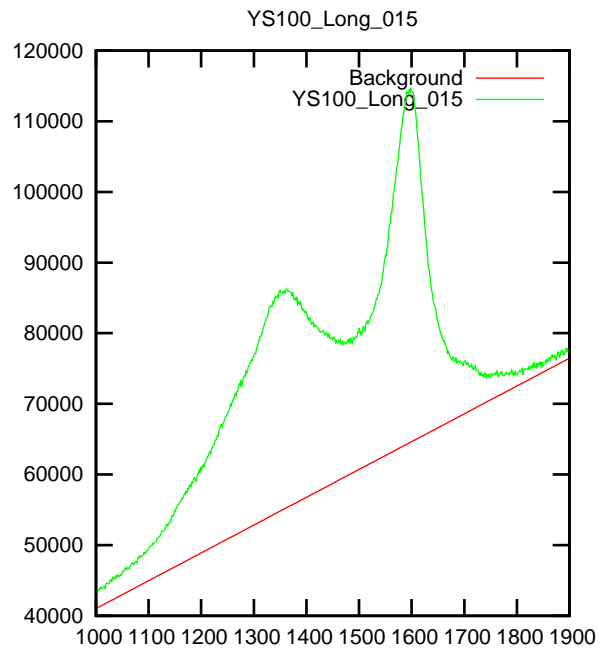
YS100_Long_011 = Noisy

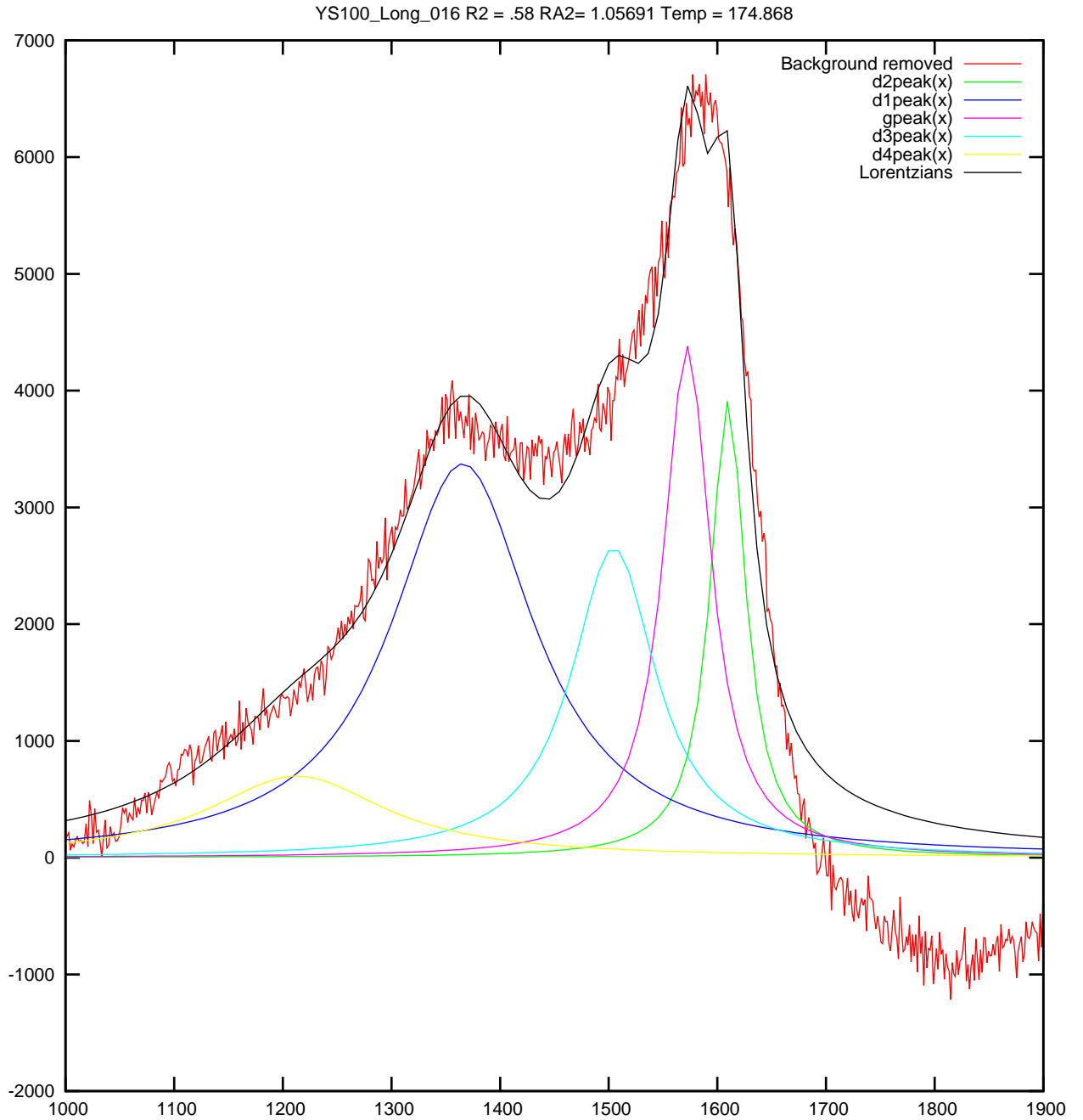
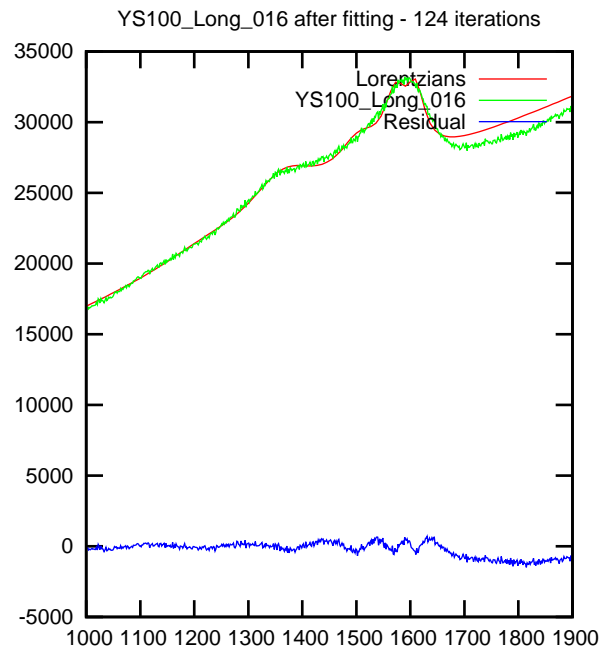
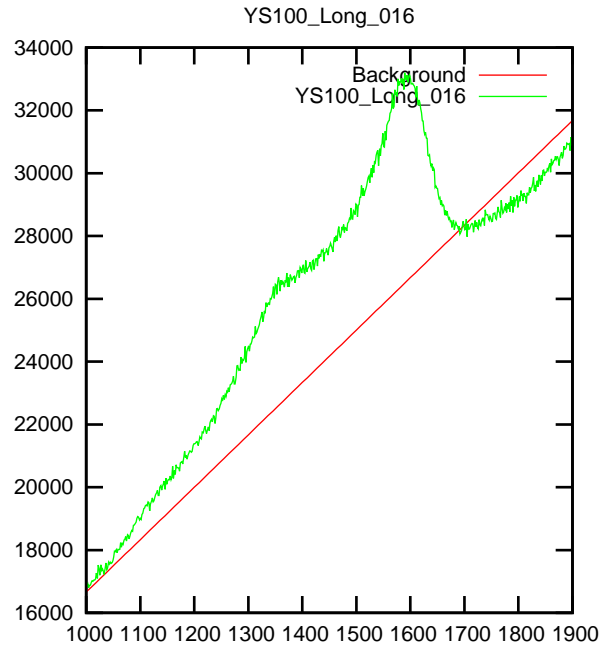


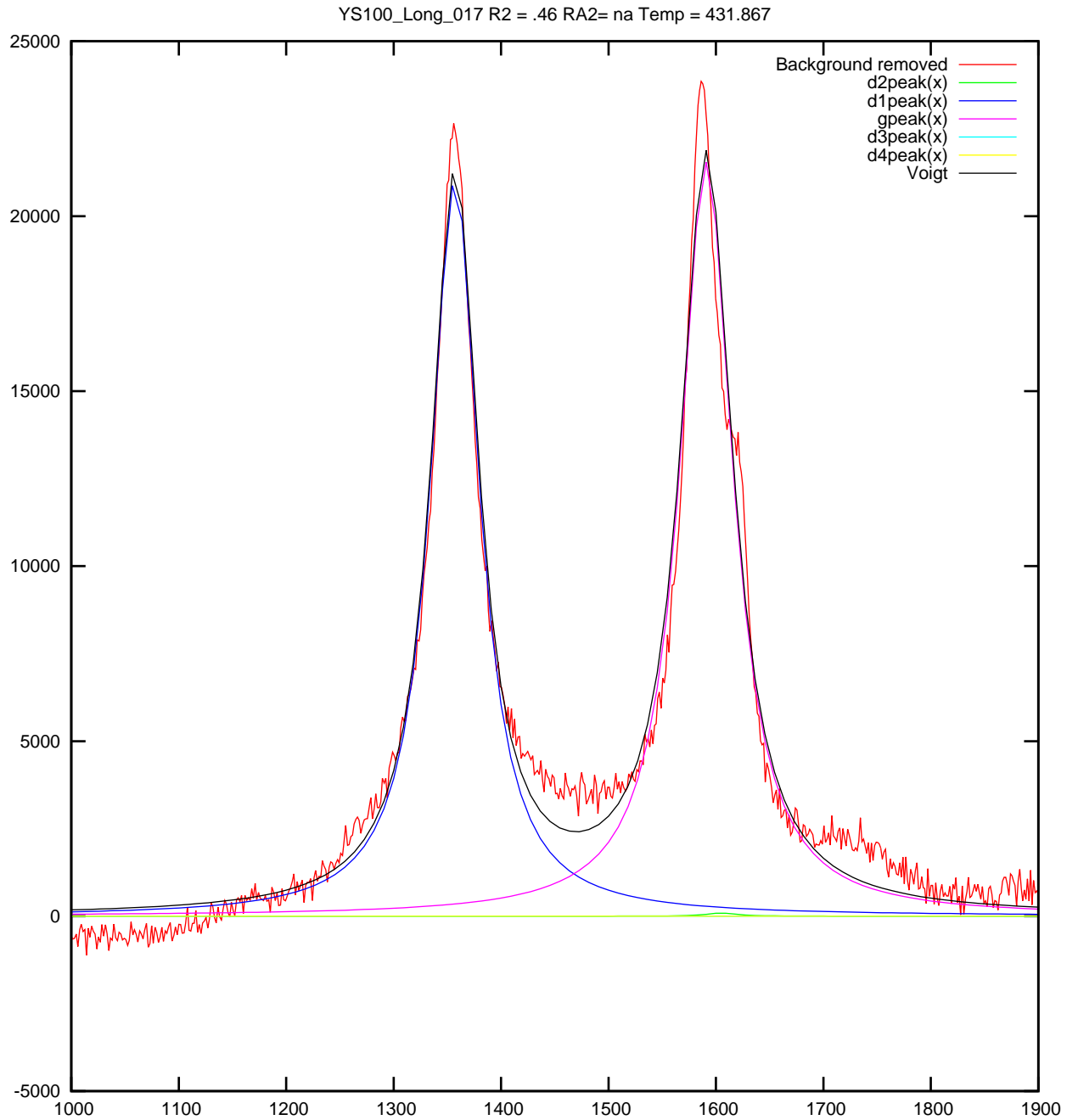
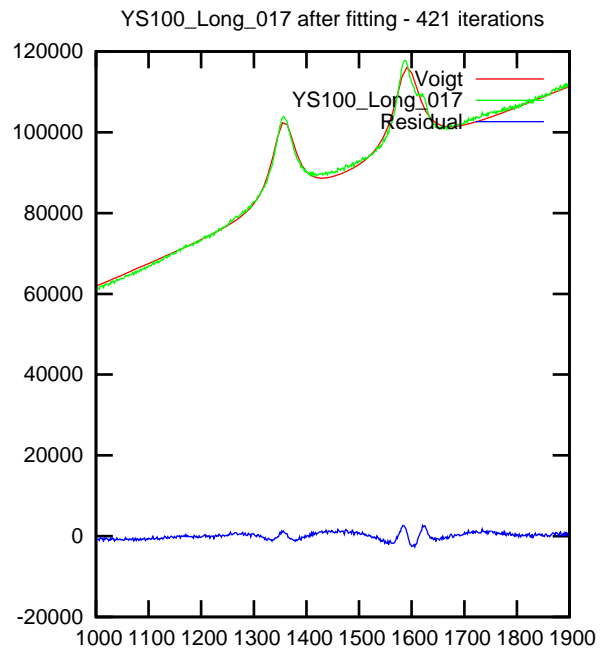
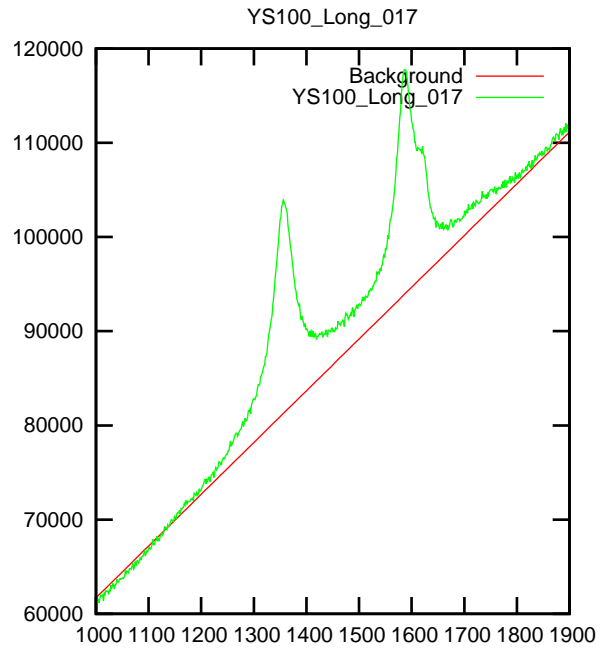


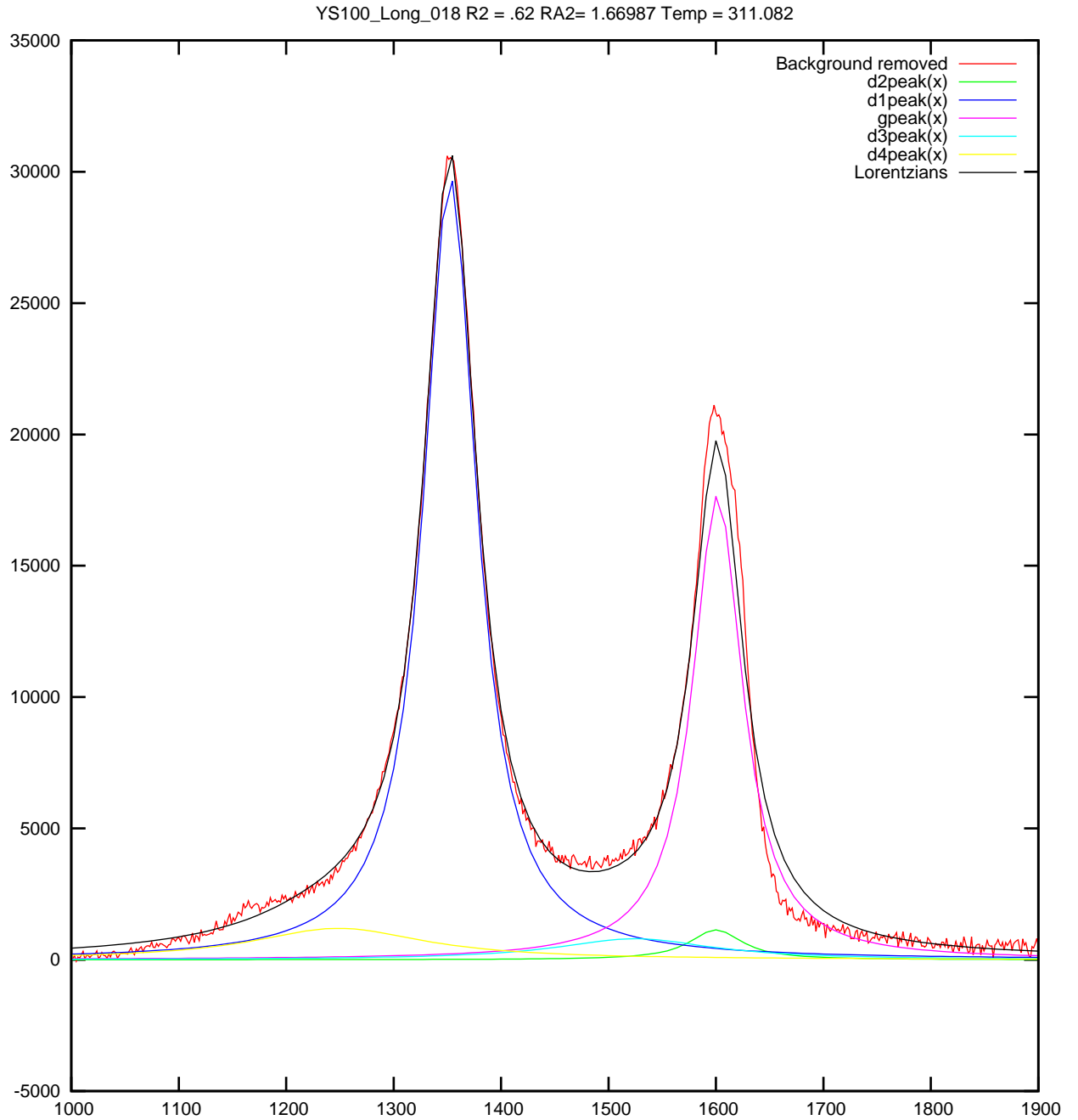
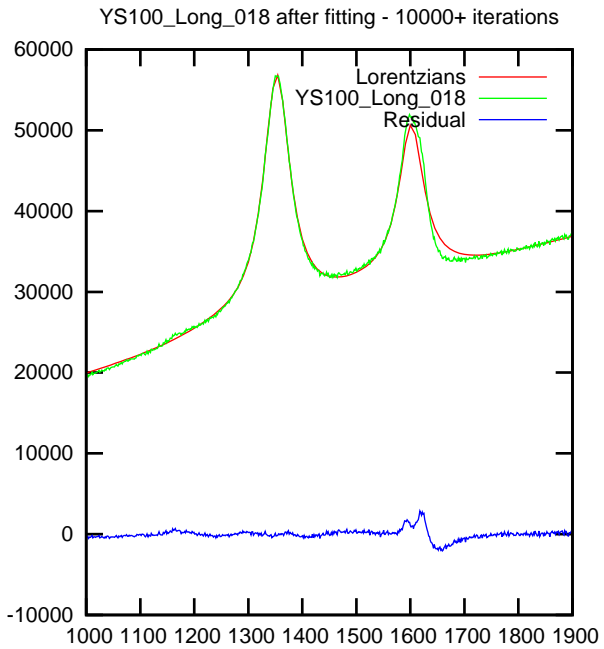
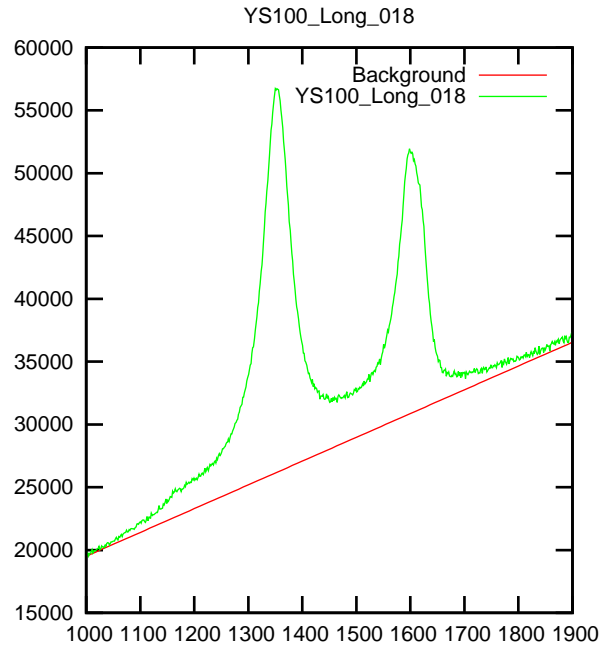


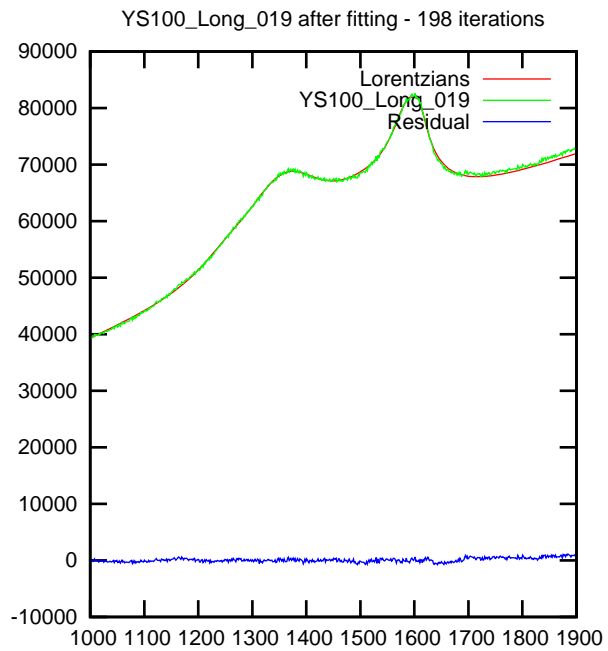
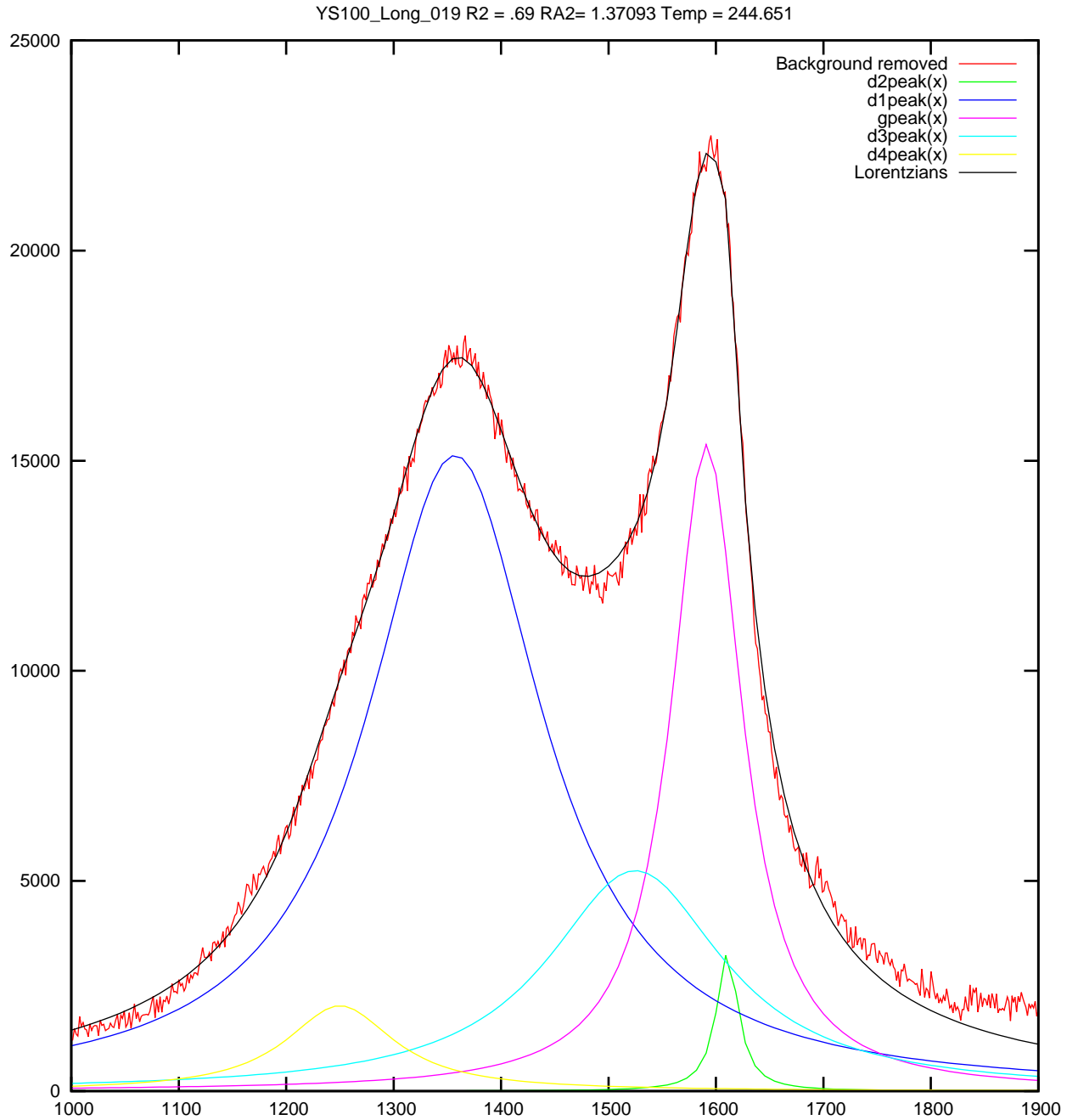
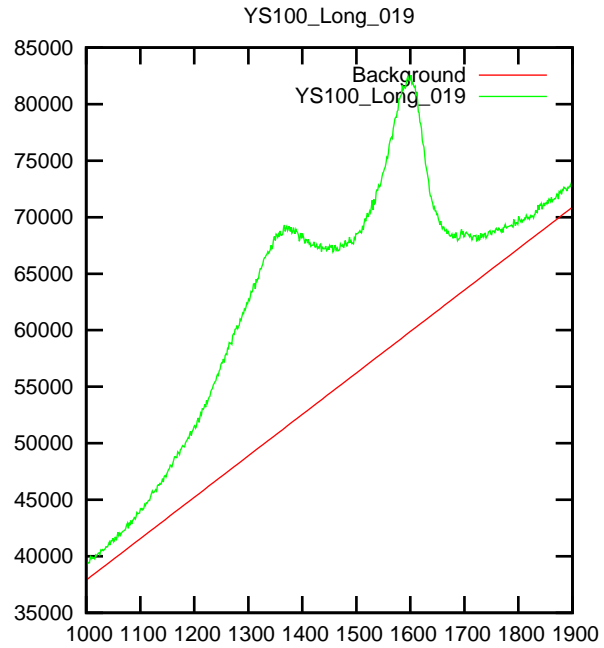


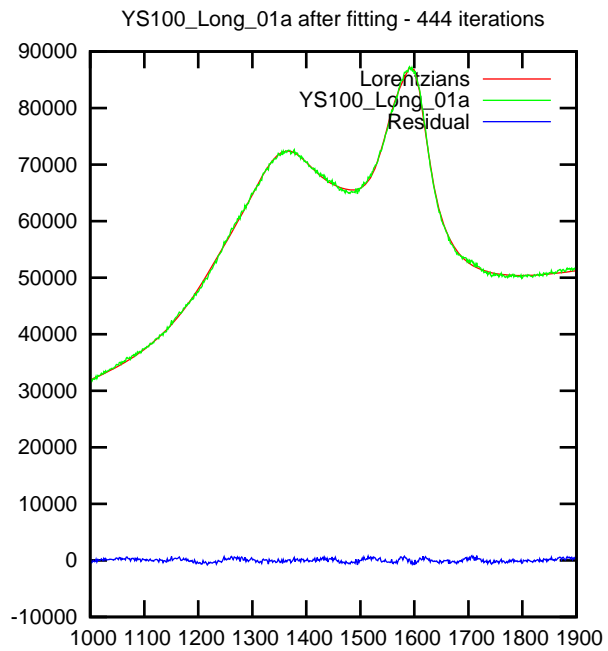
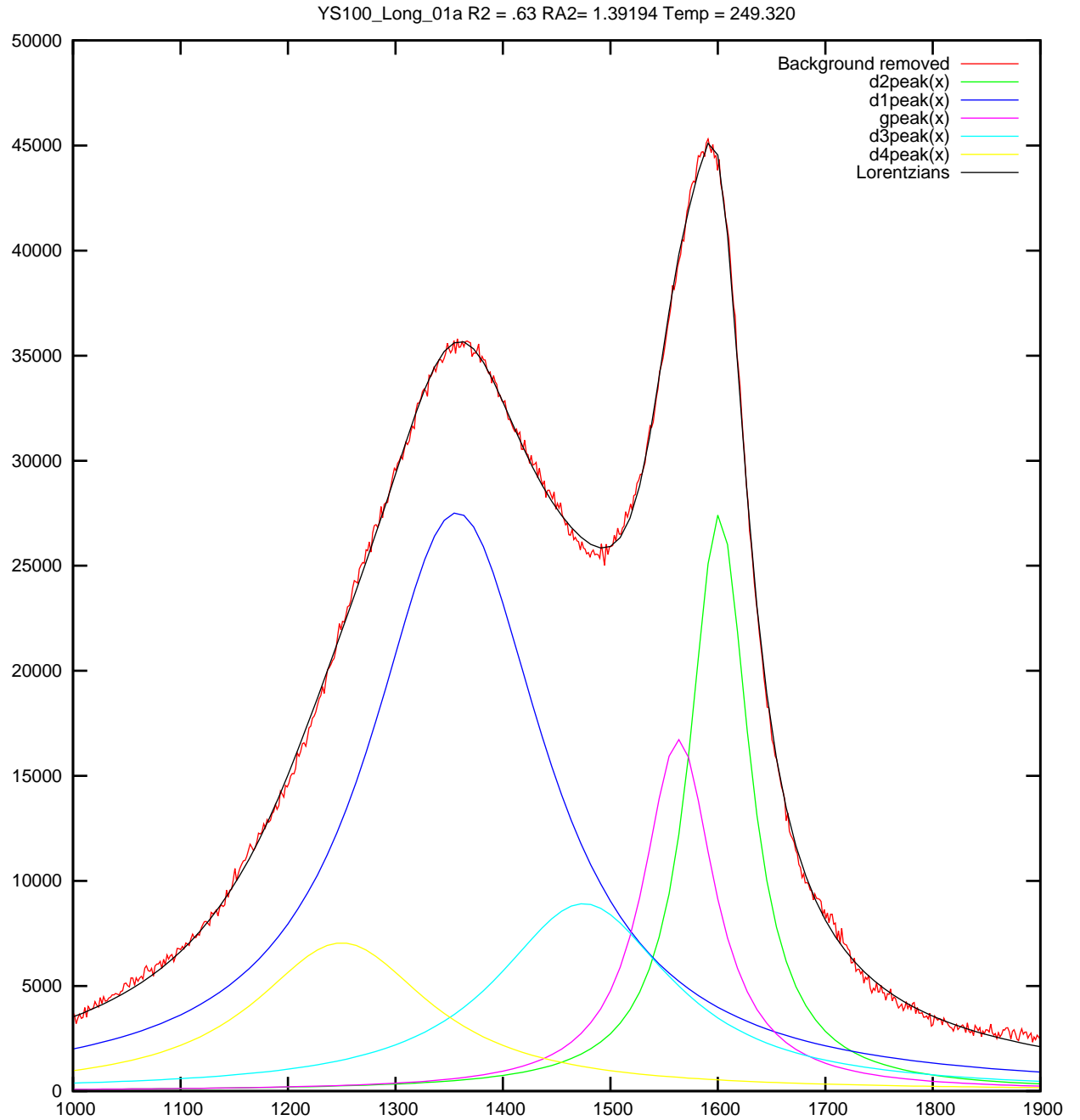
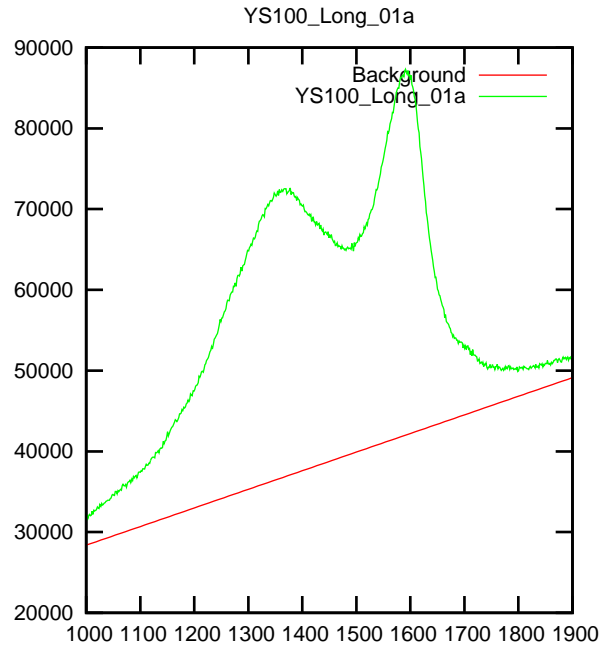


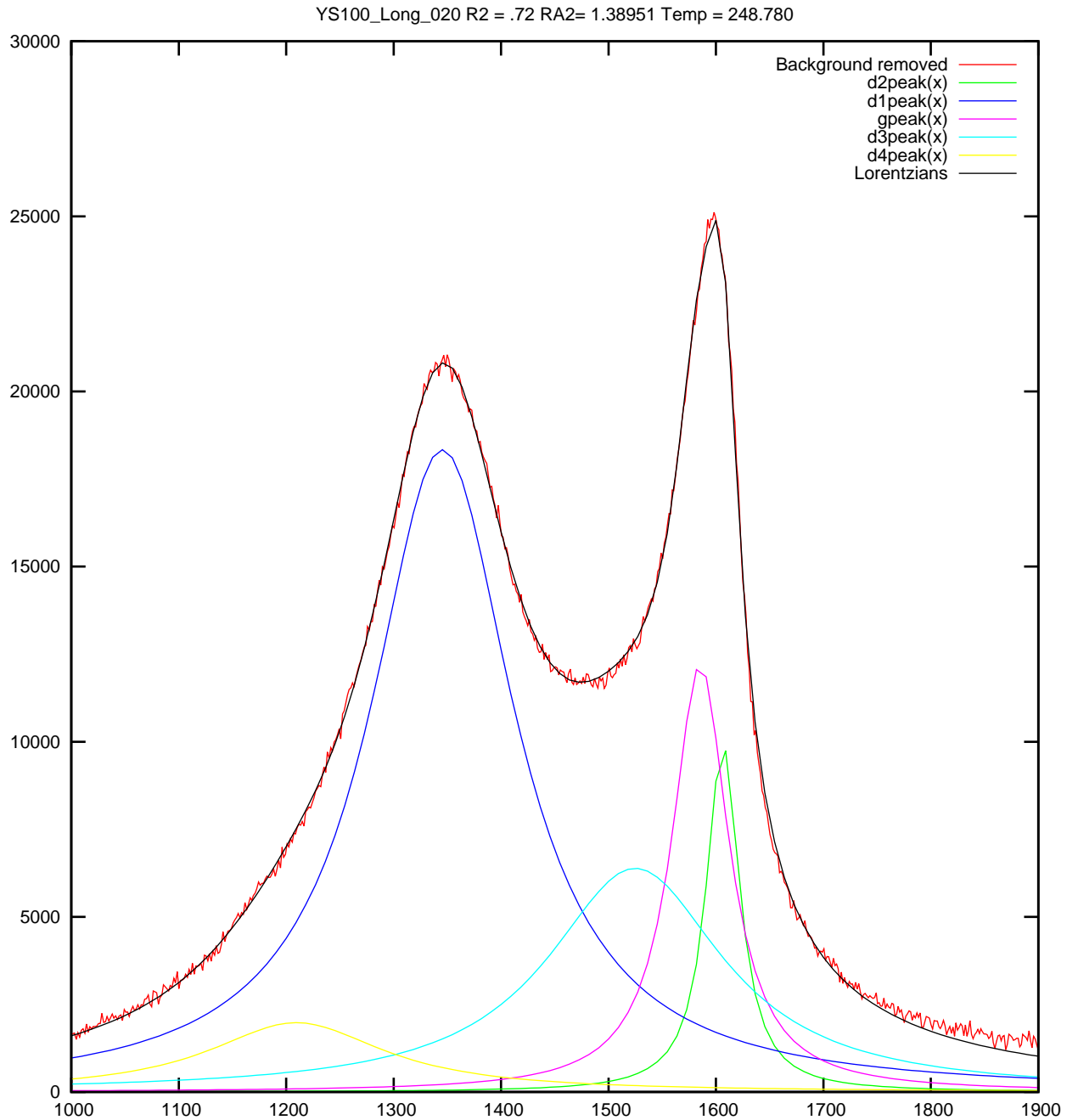
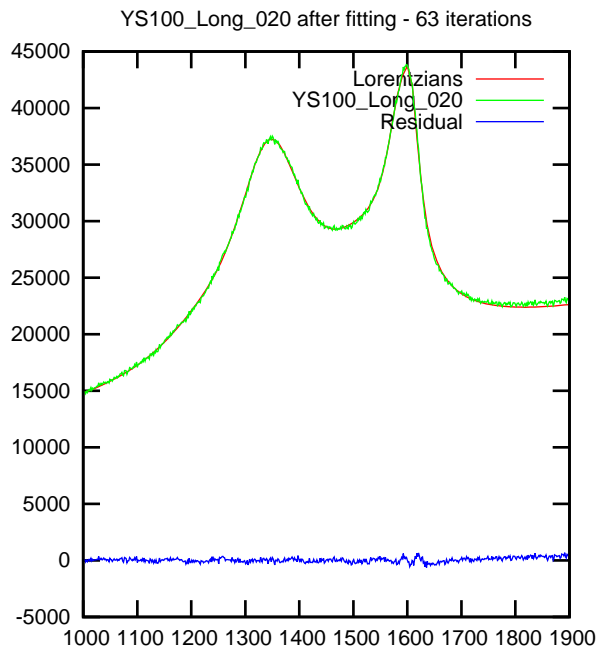
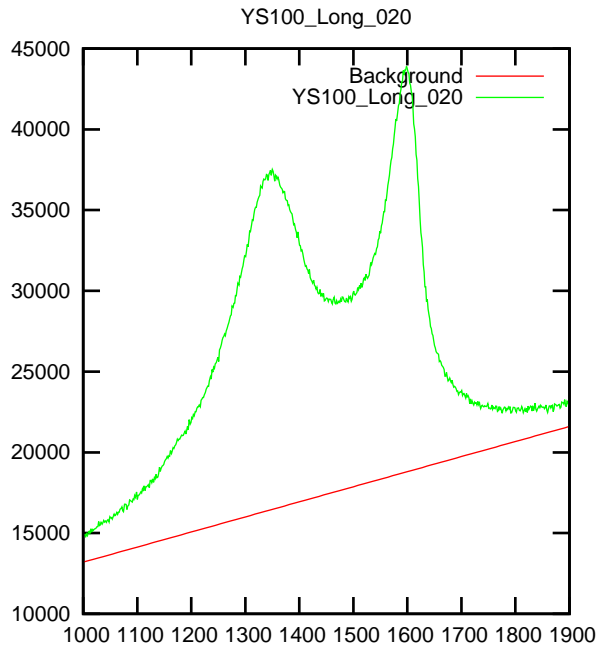


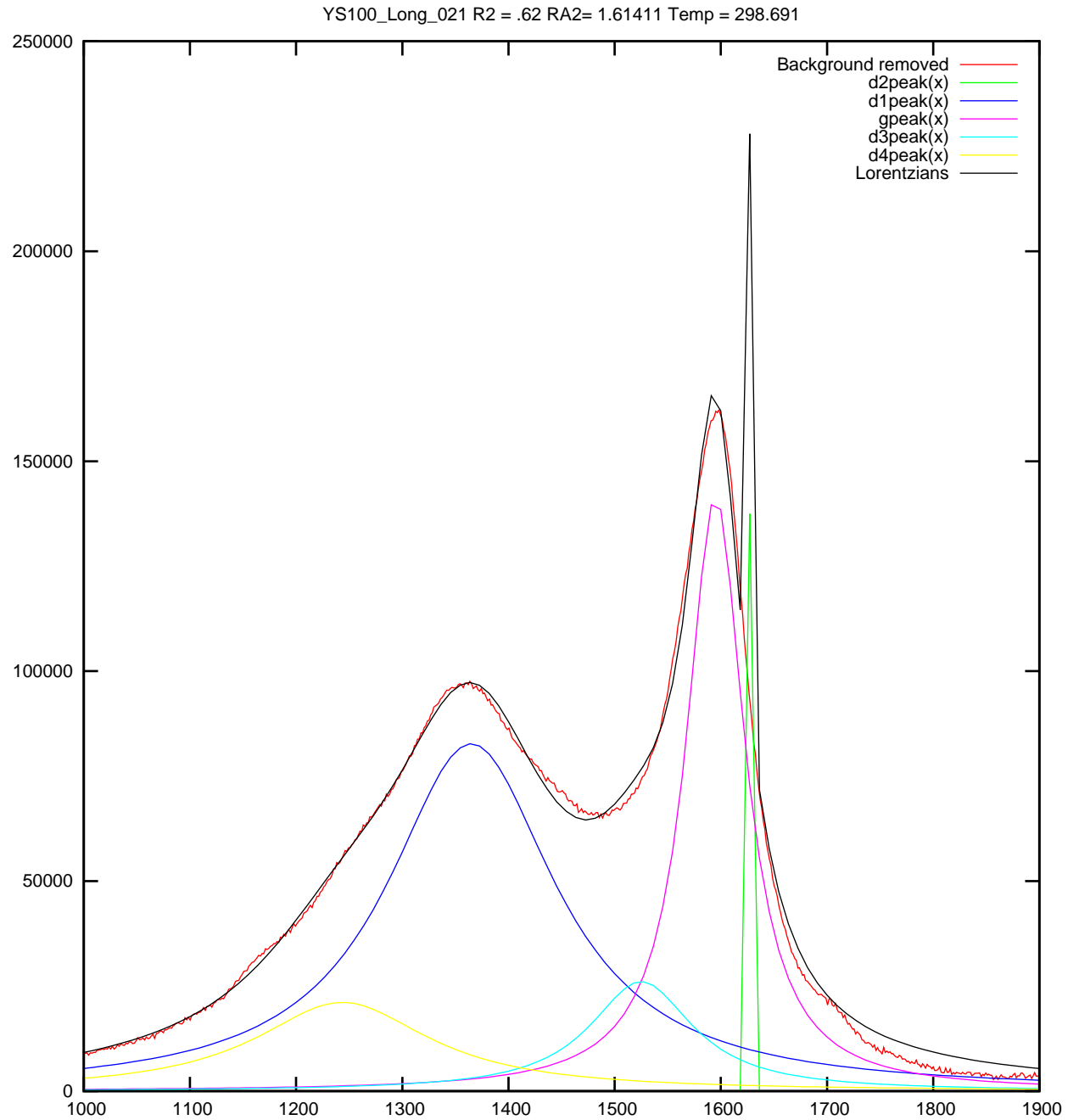
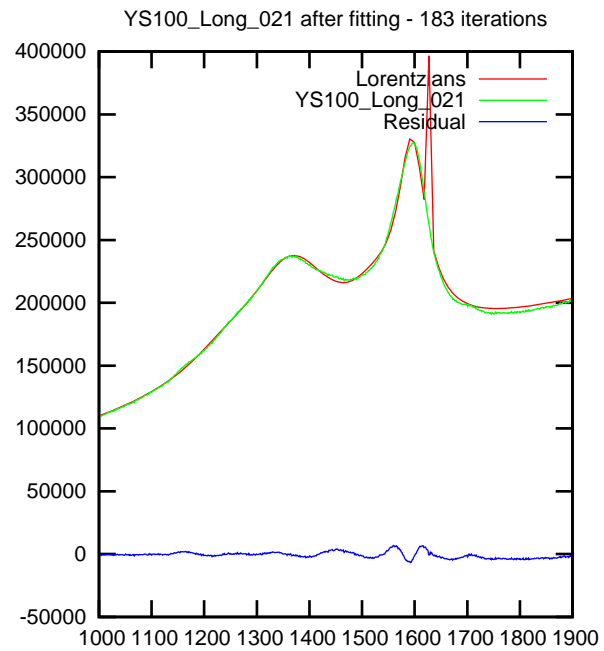
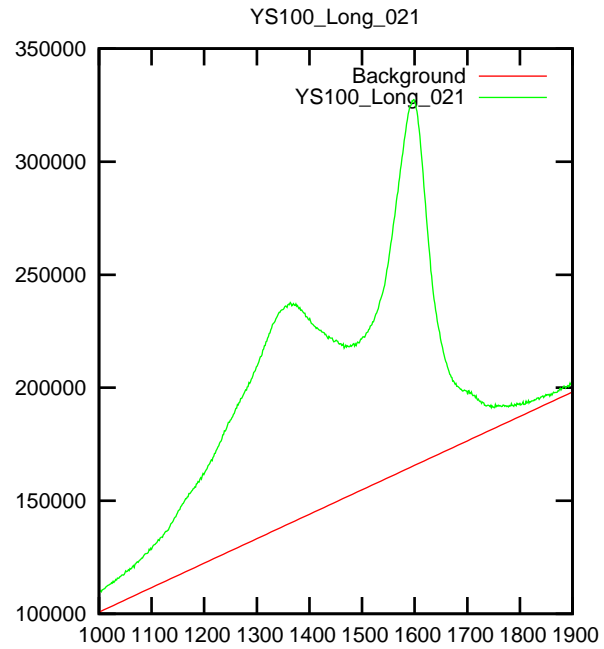


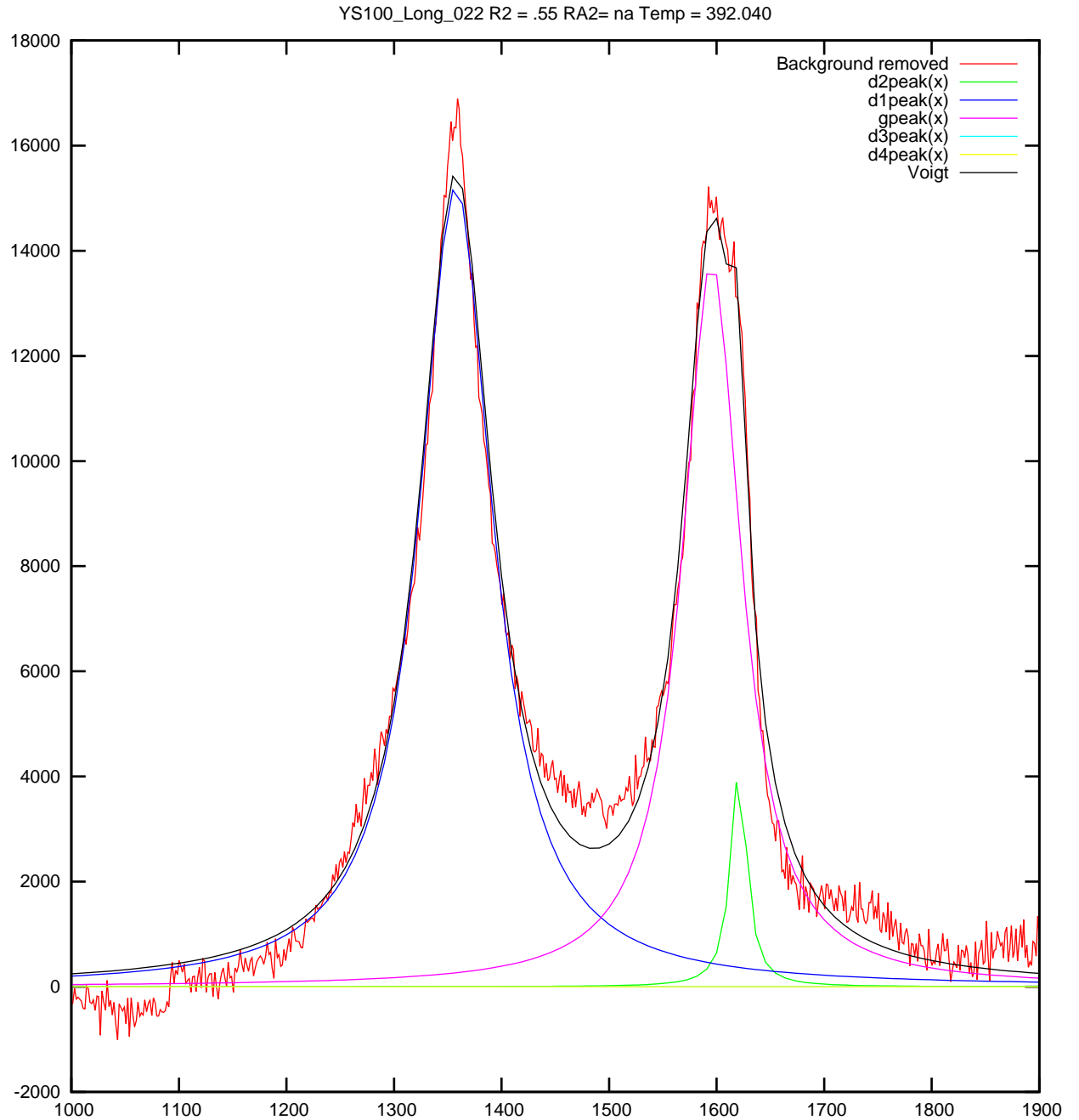
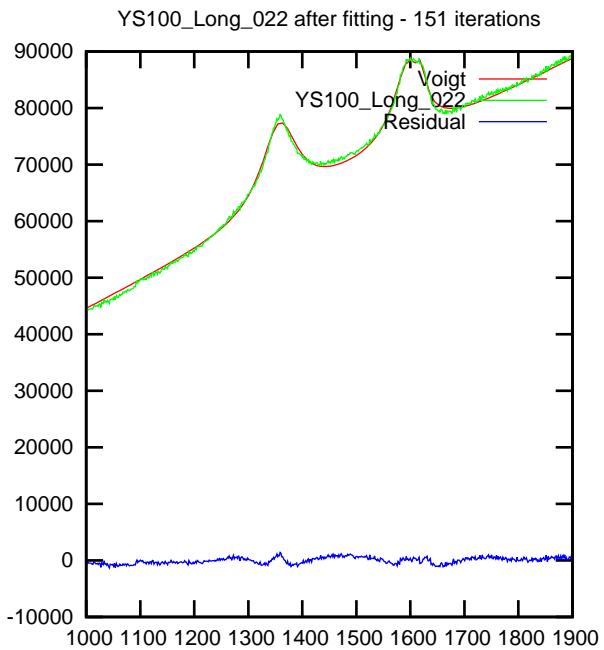
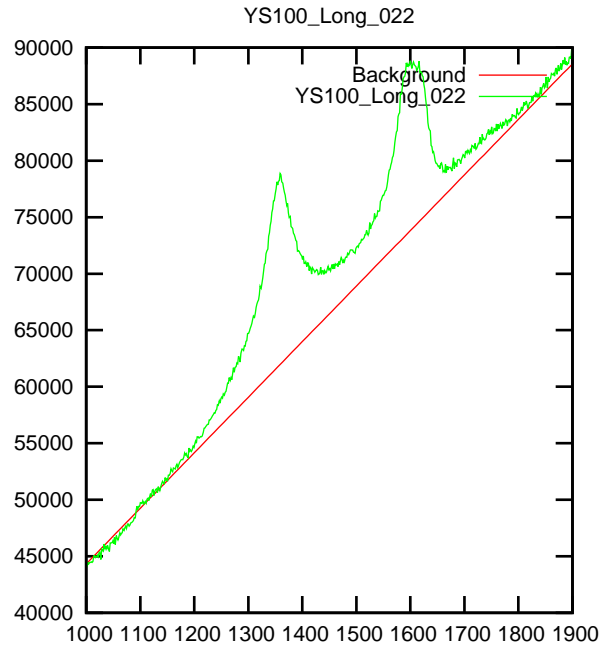


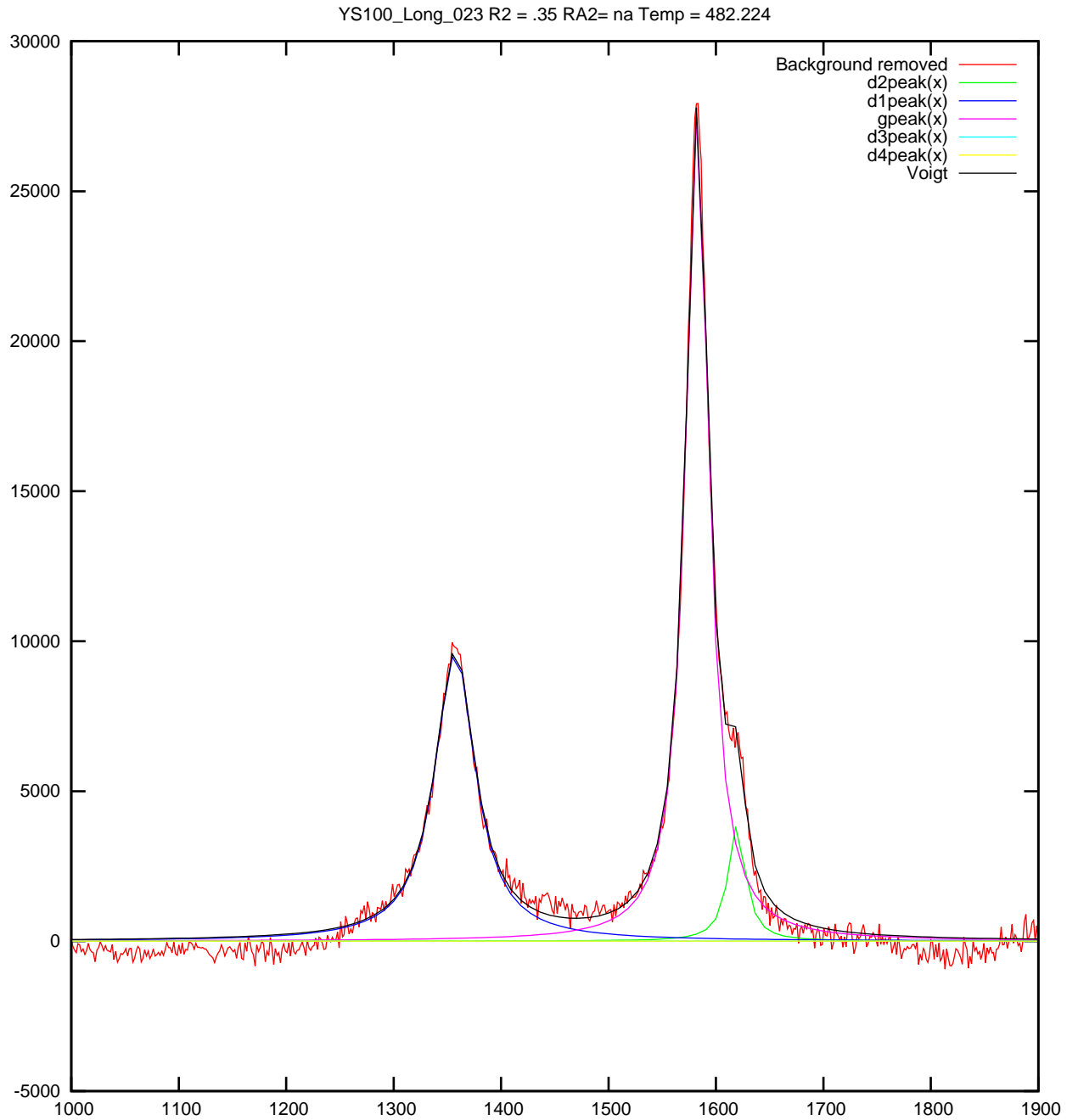
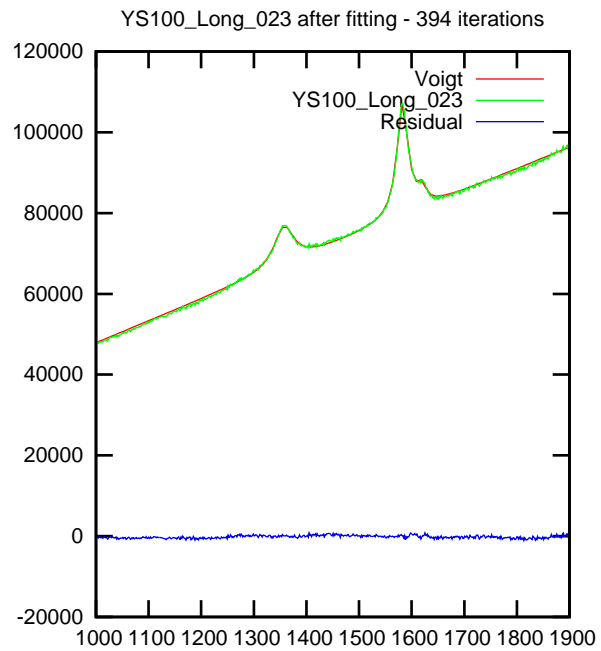
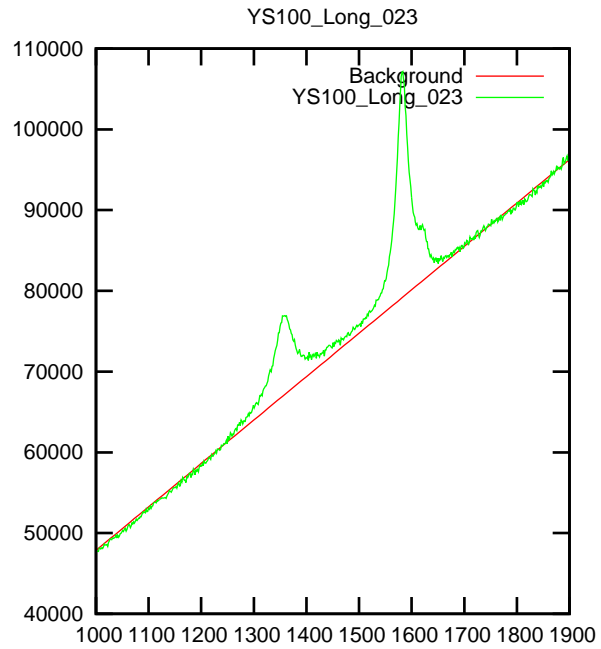


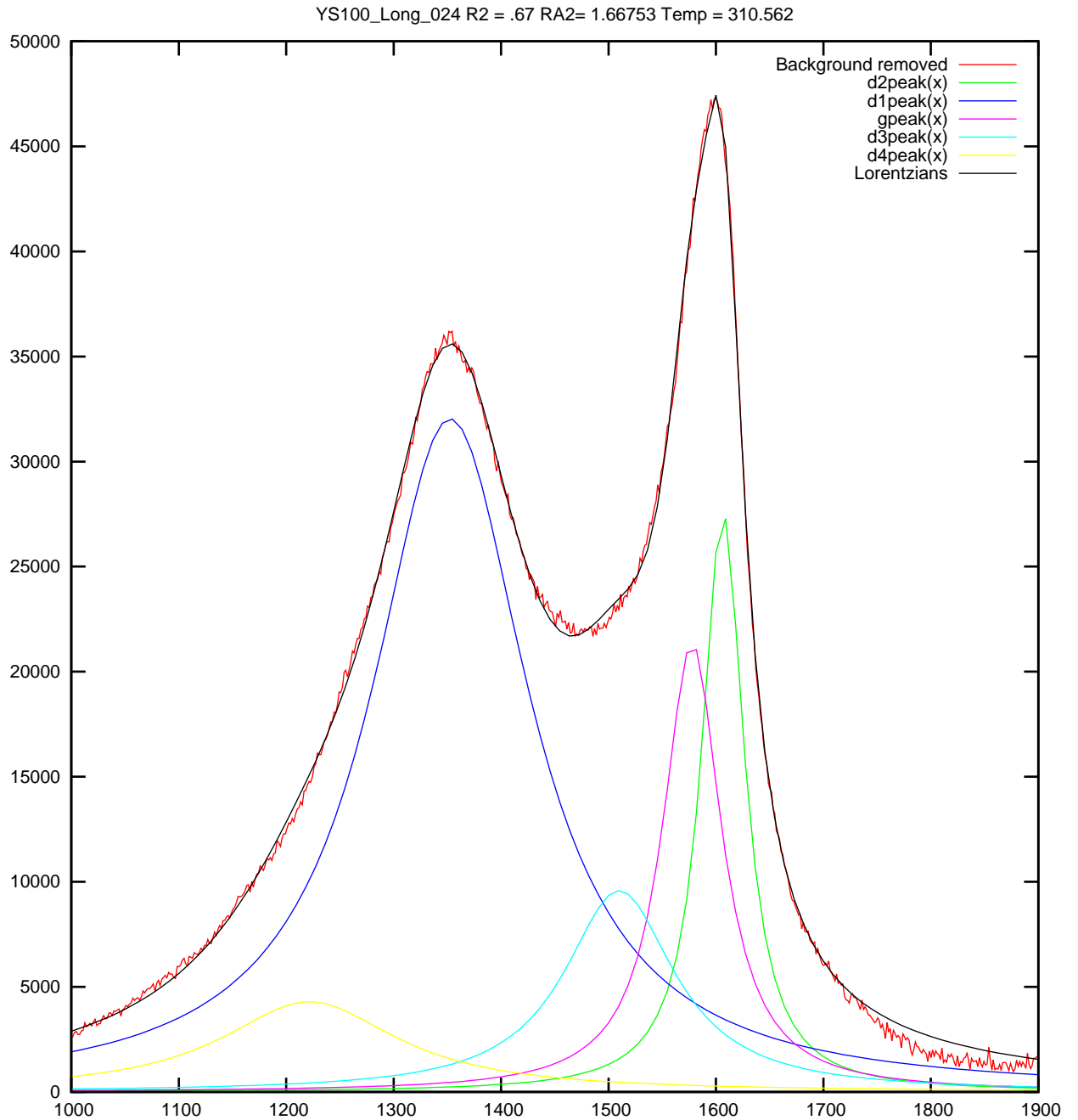
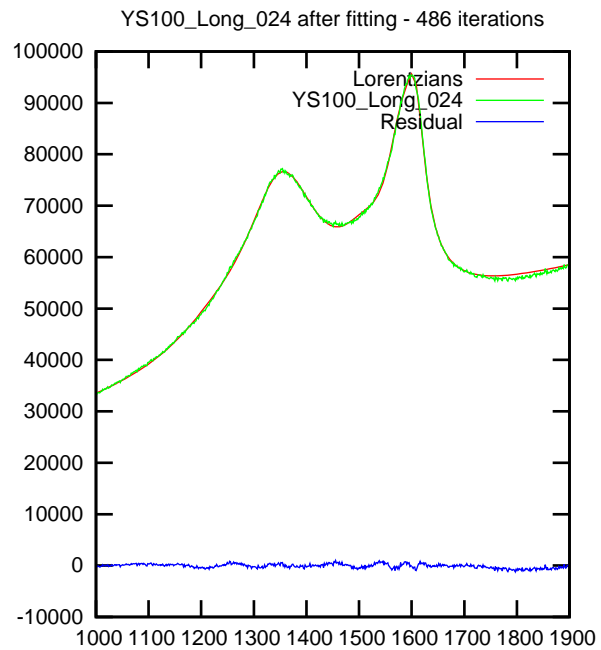
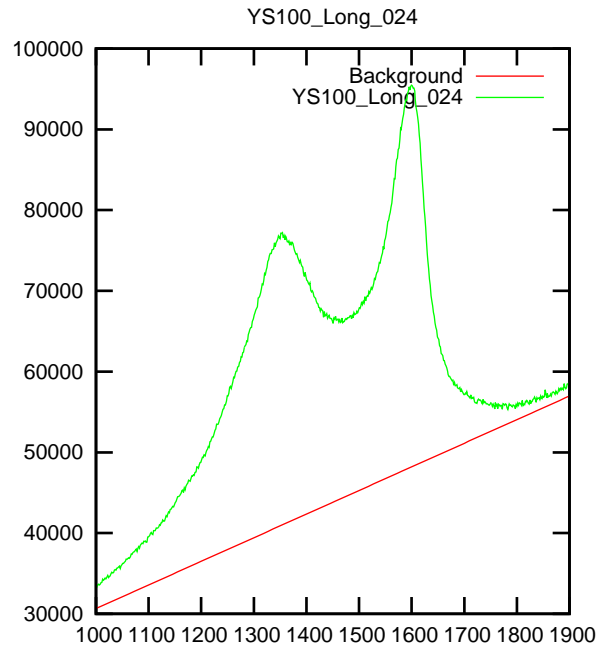


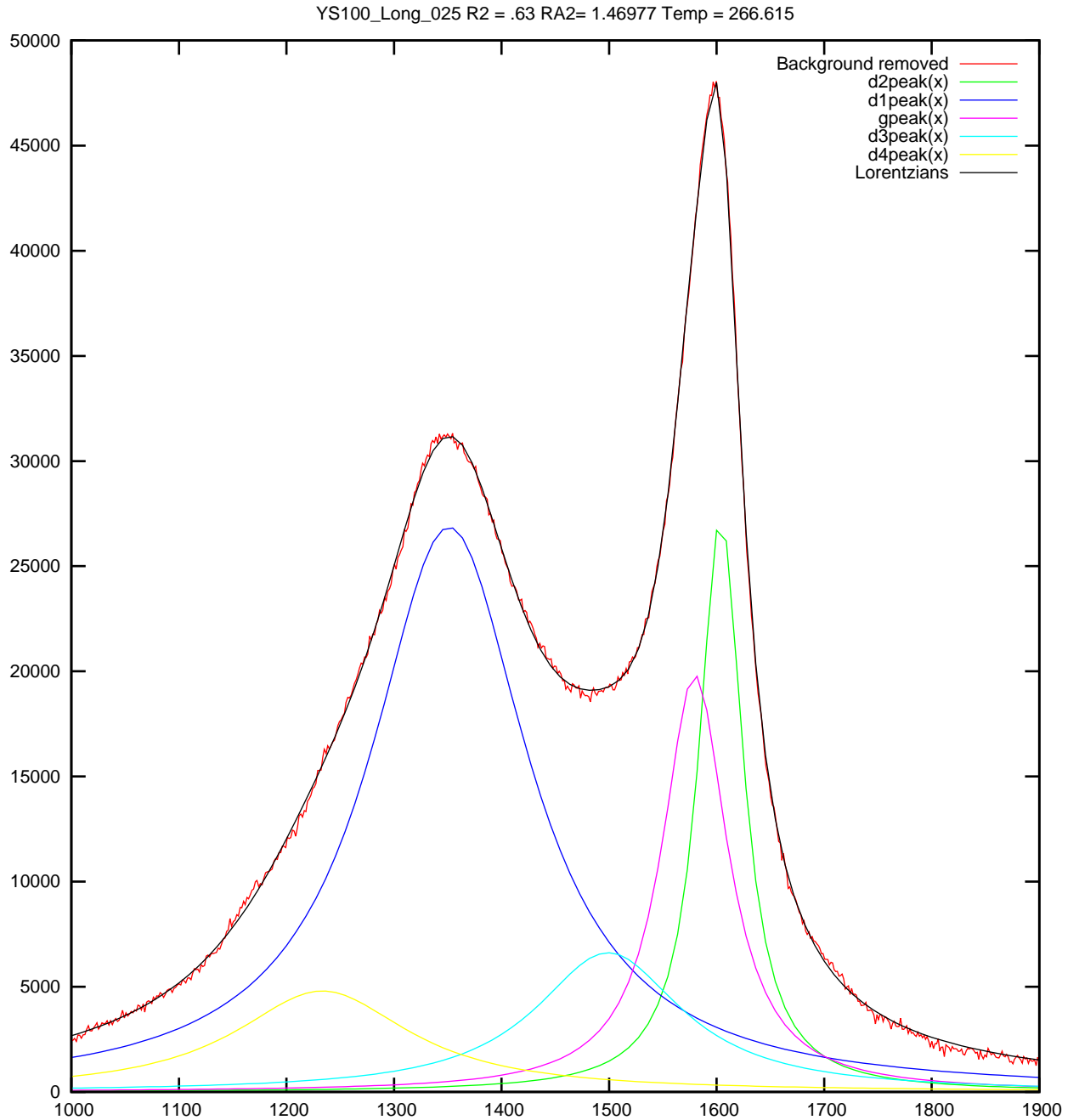
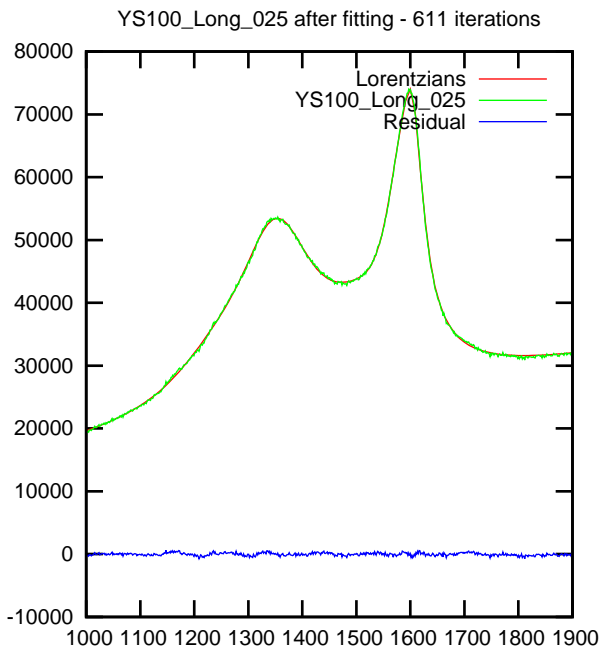
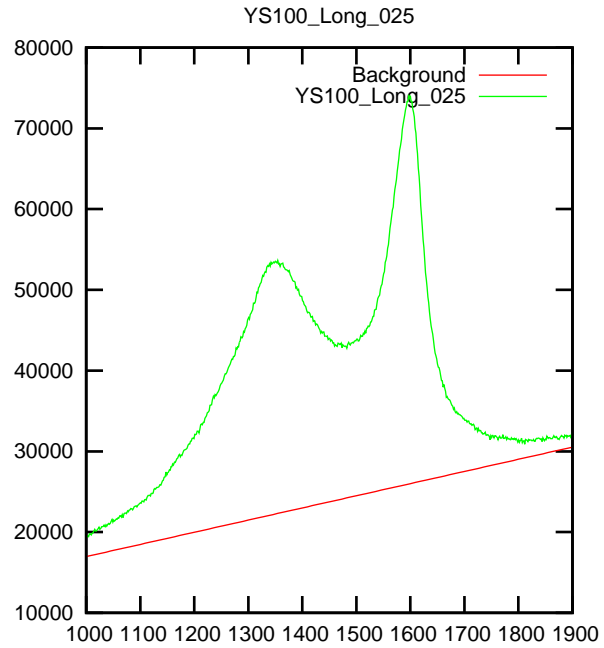


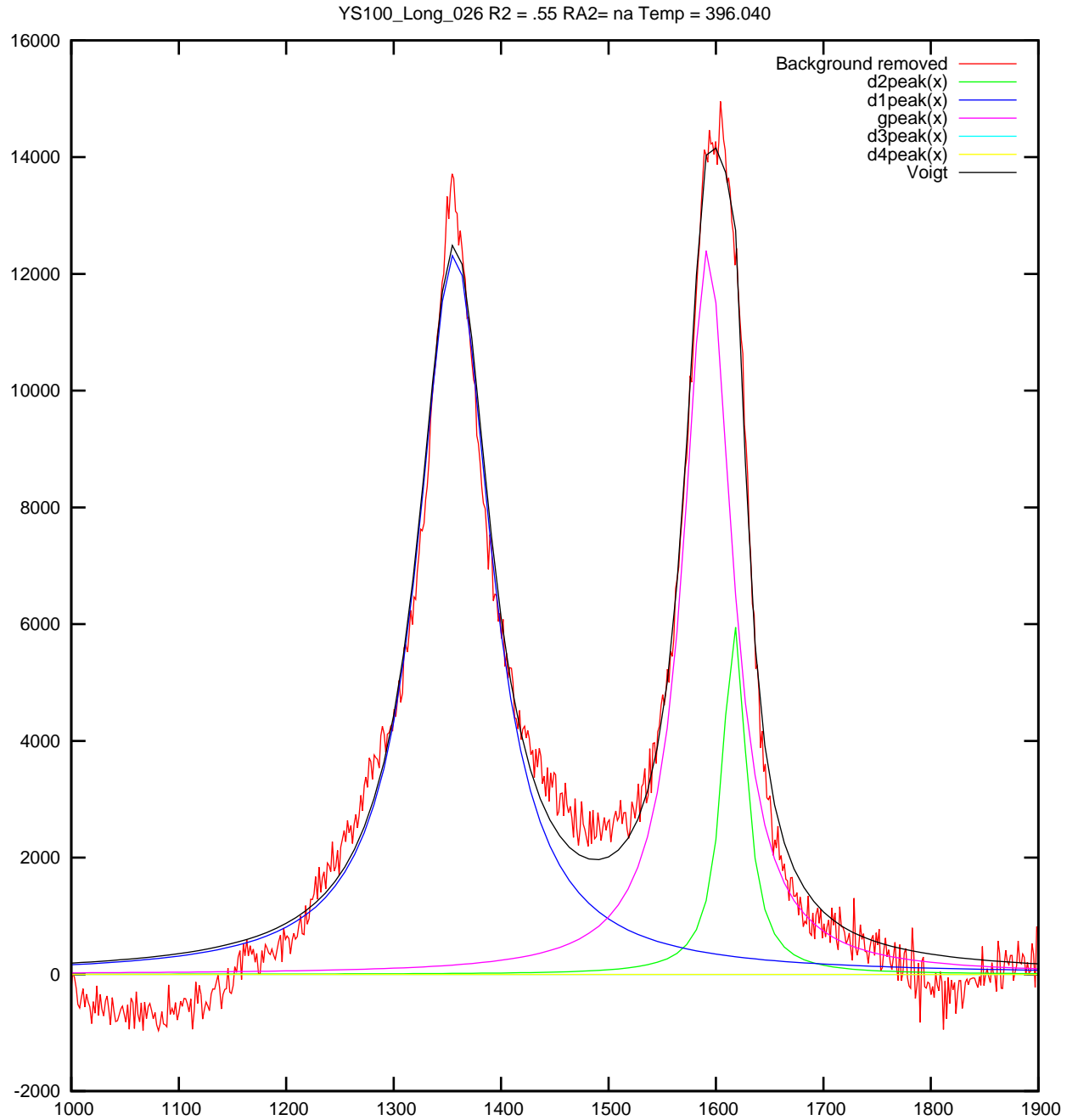
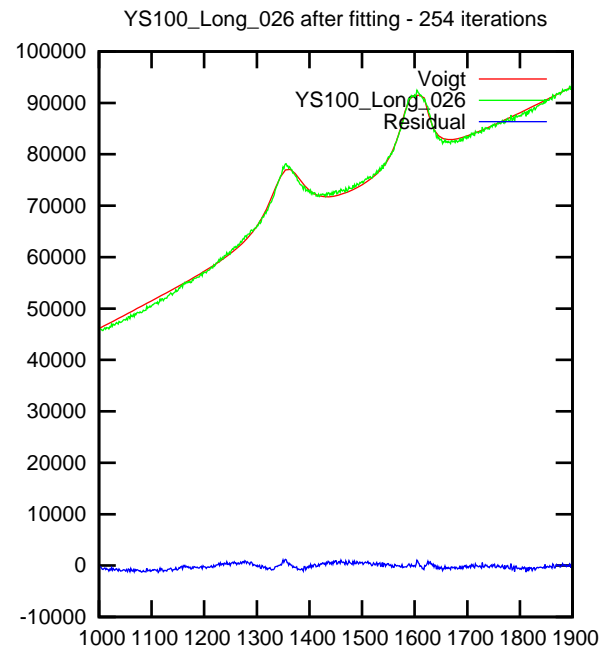
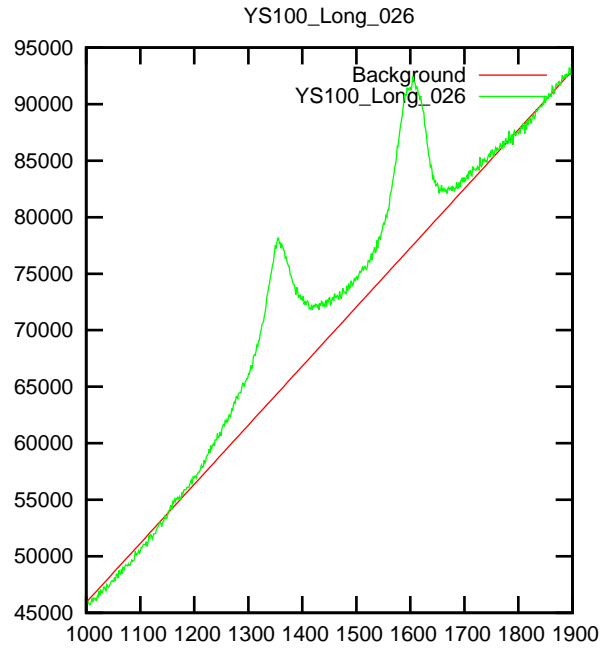


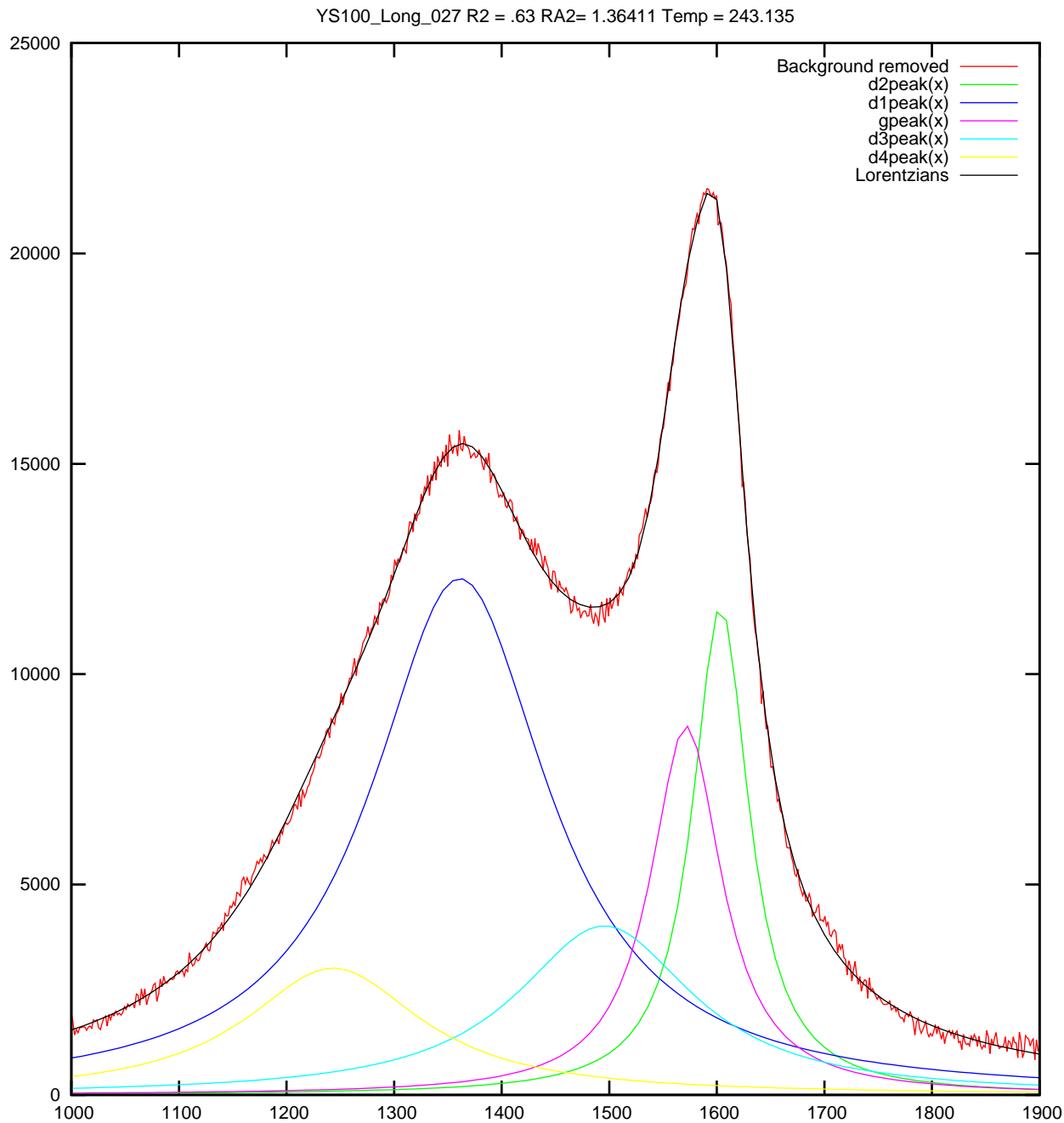
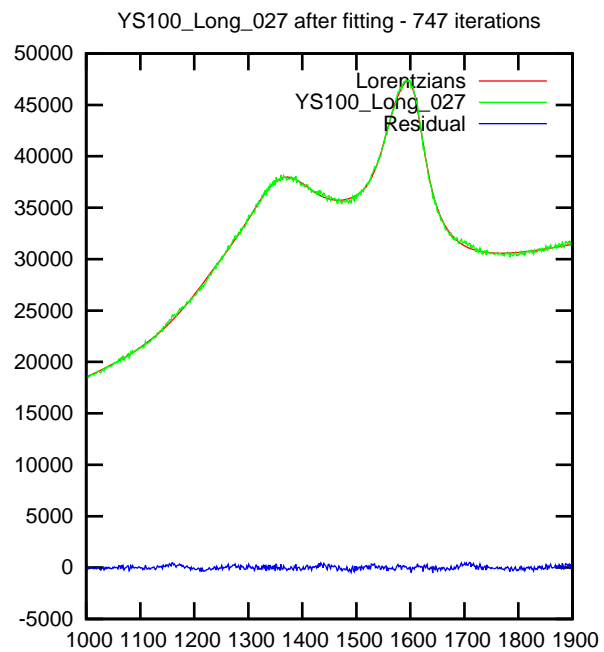
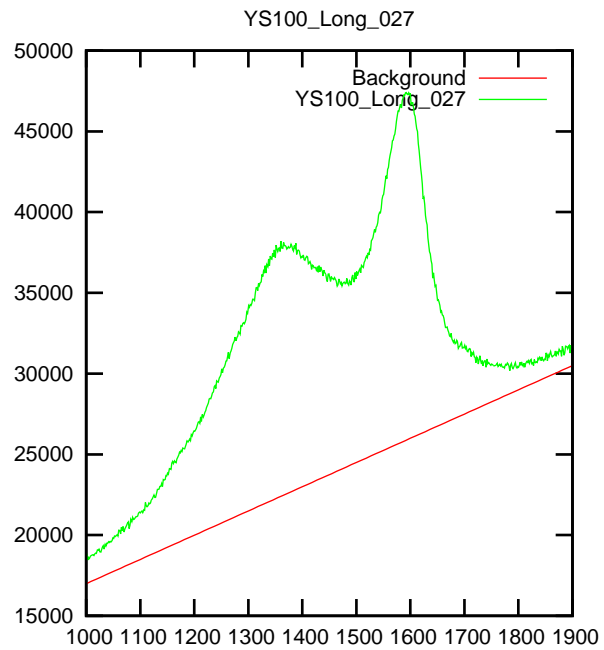


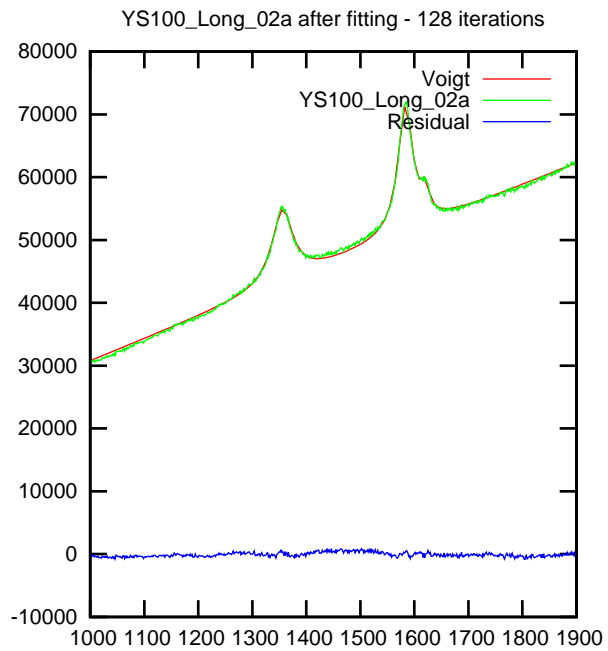
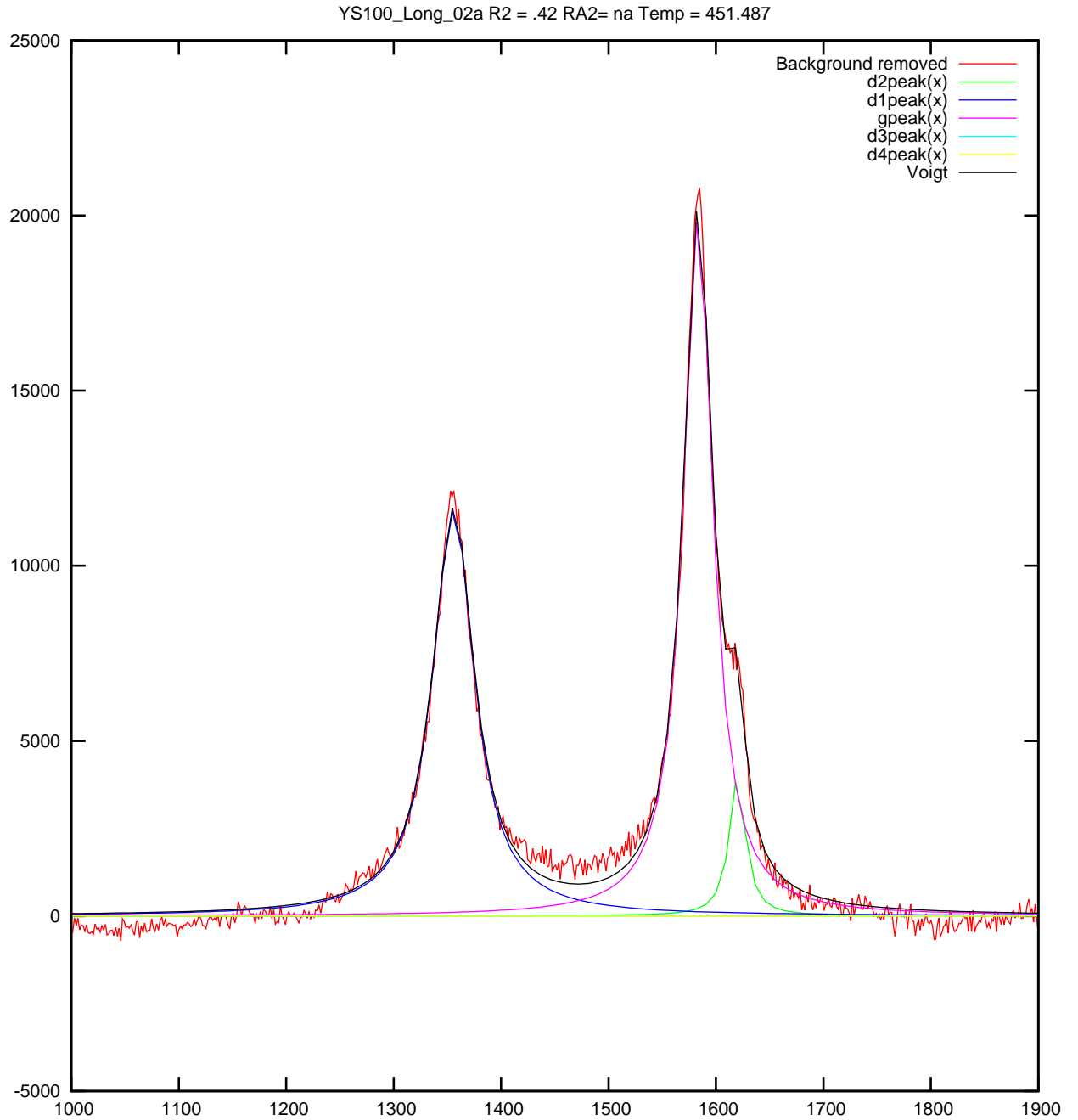
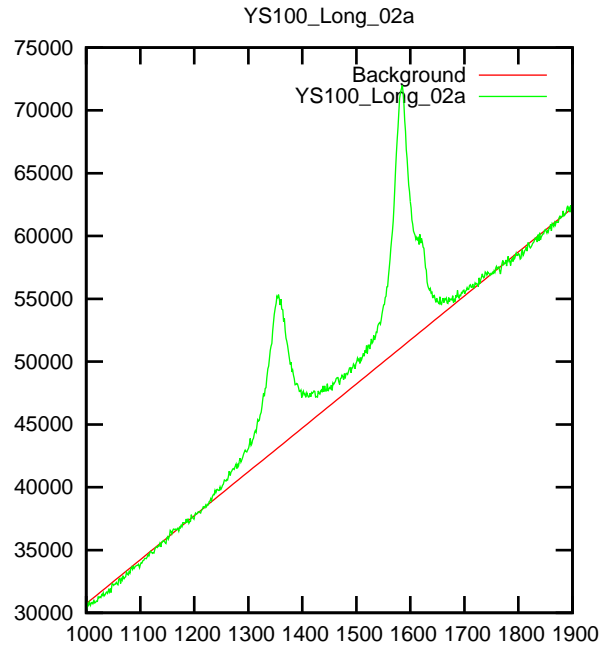


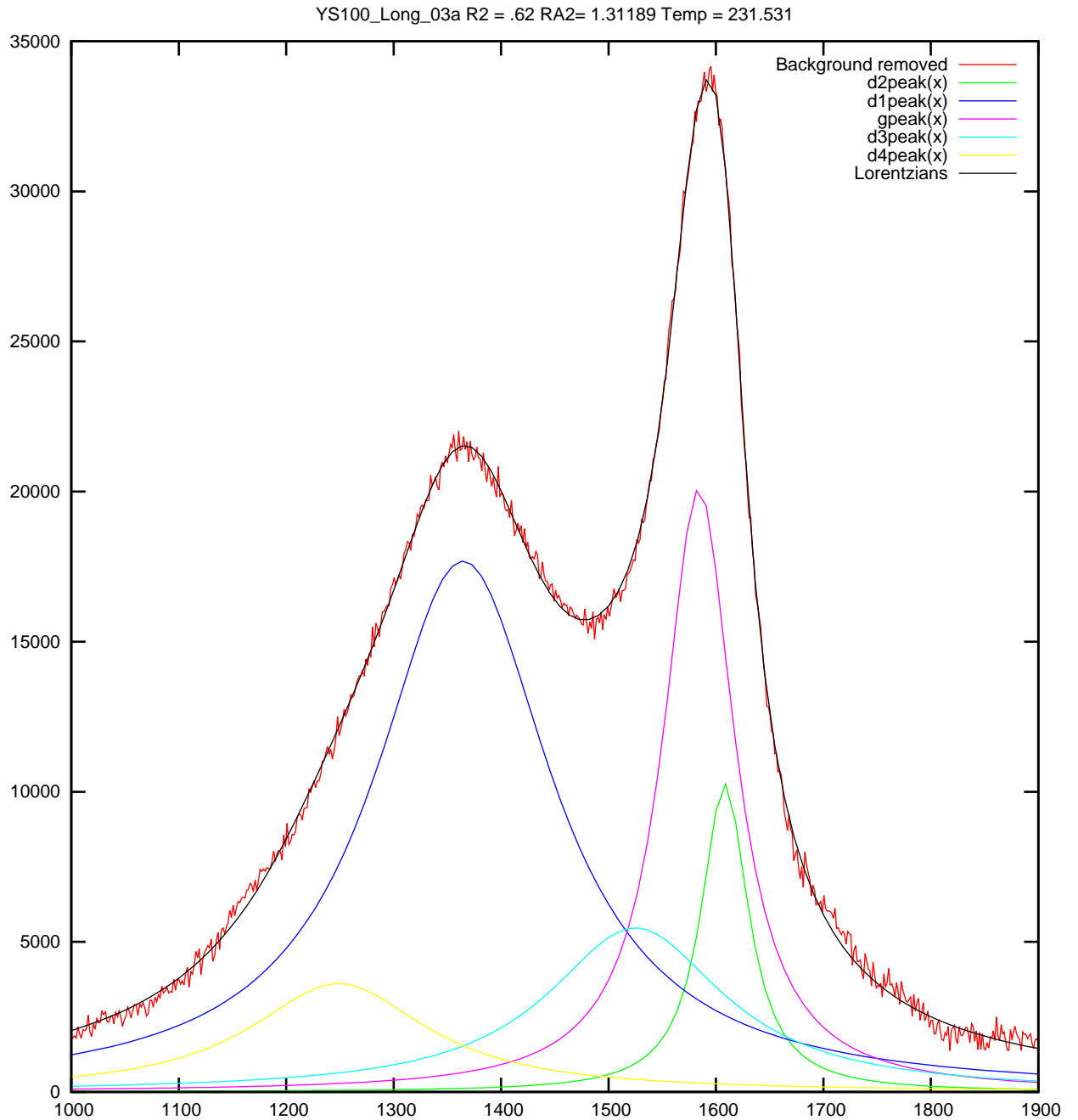
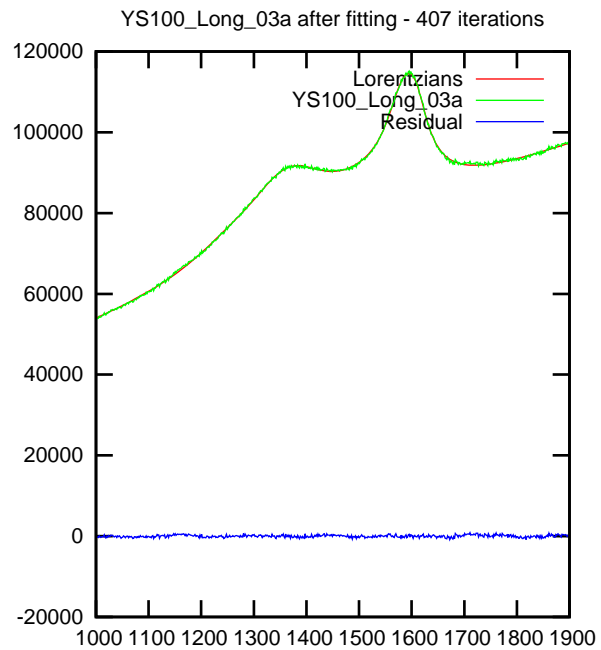
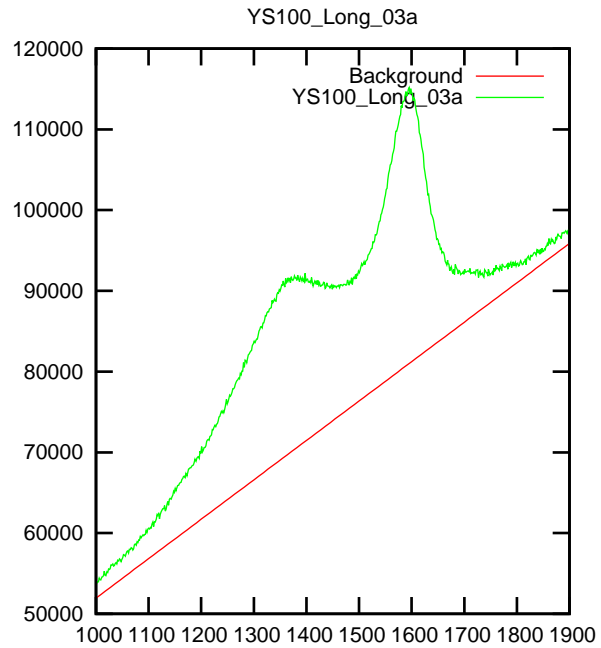


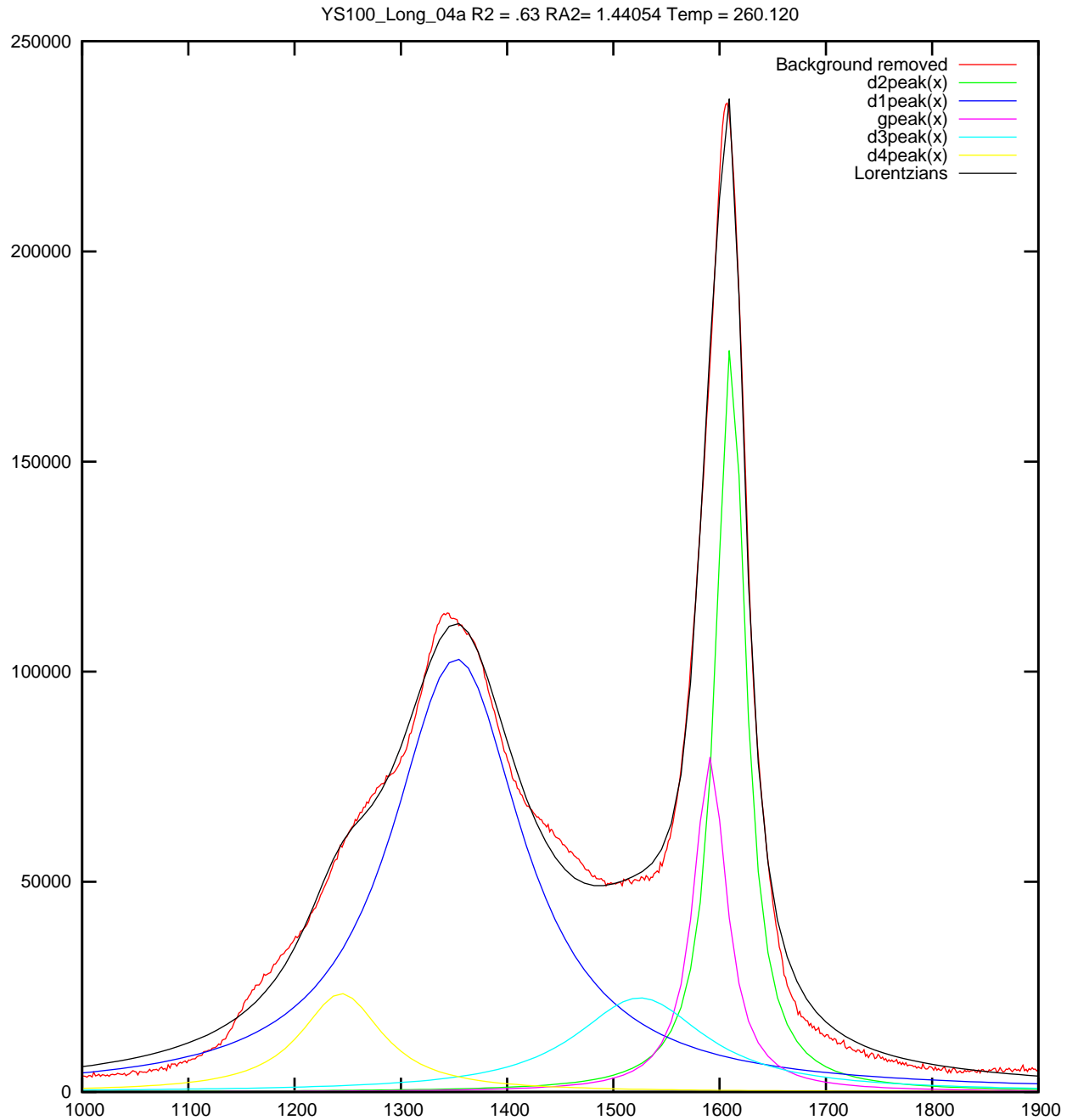
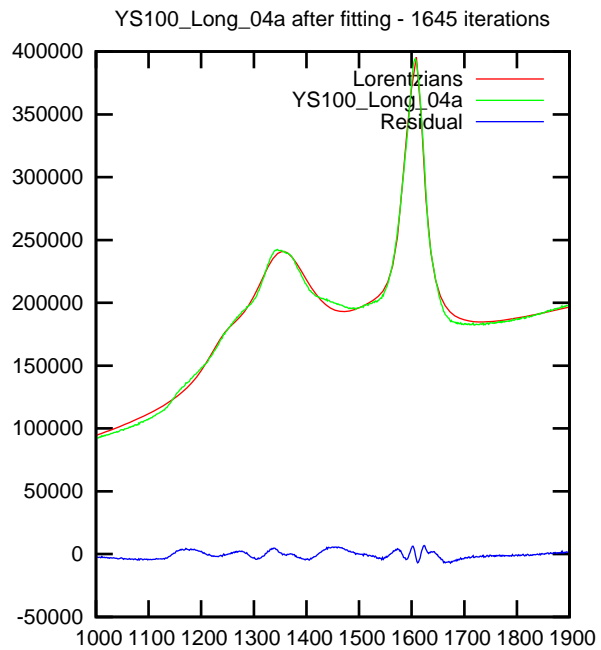
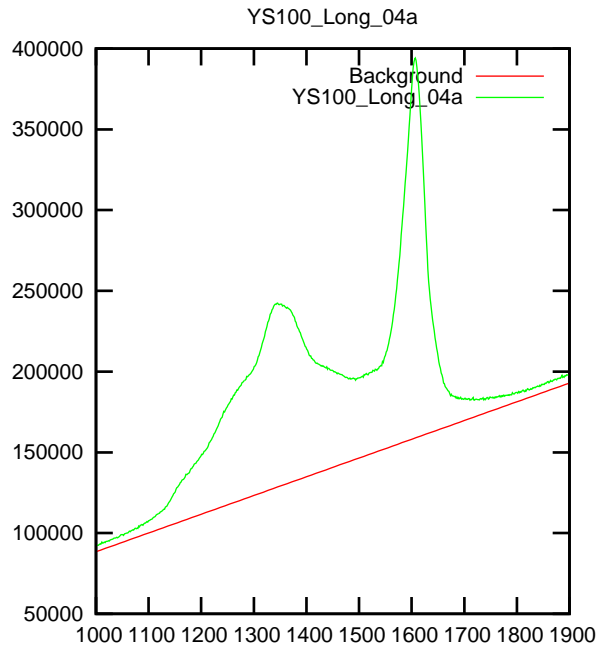


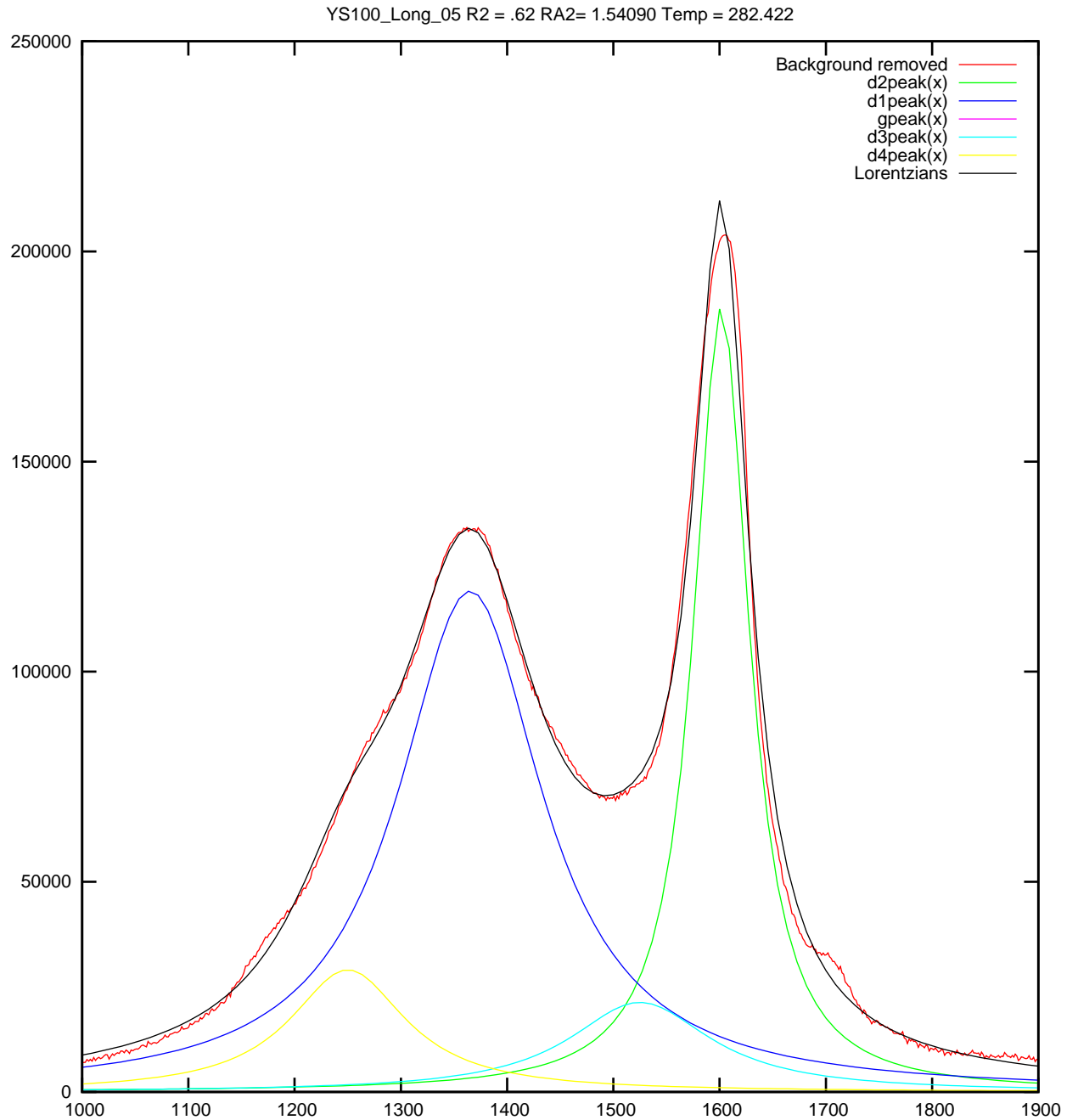
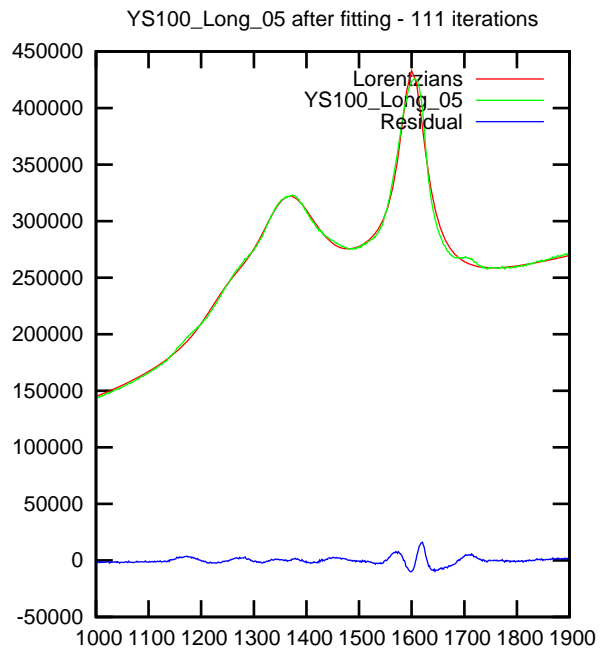
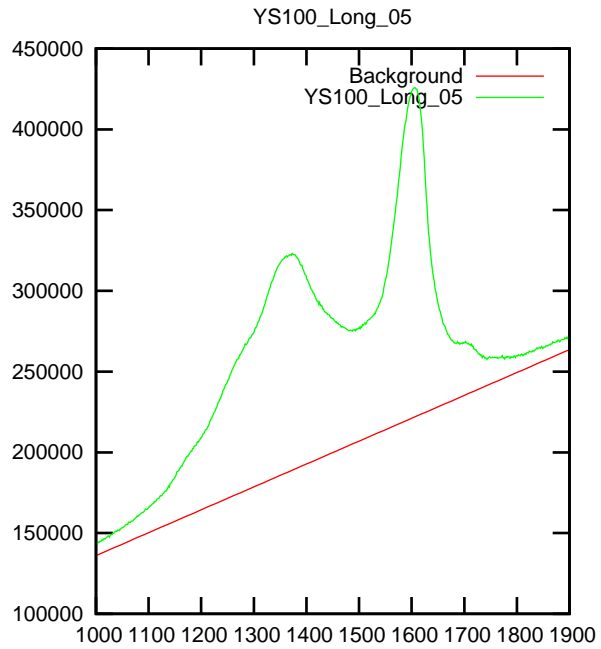


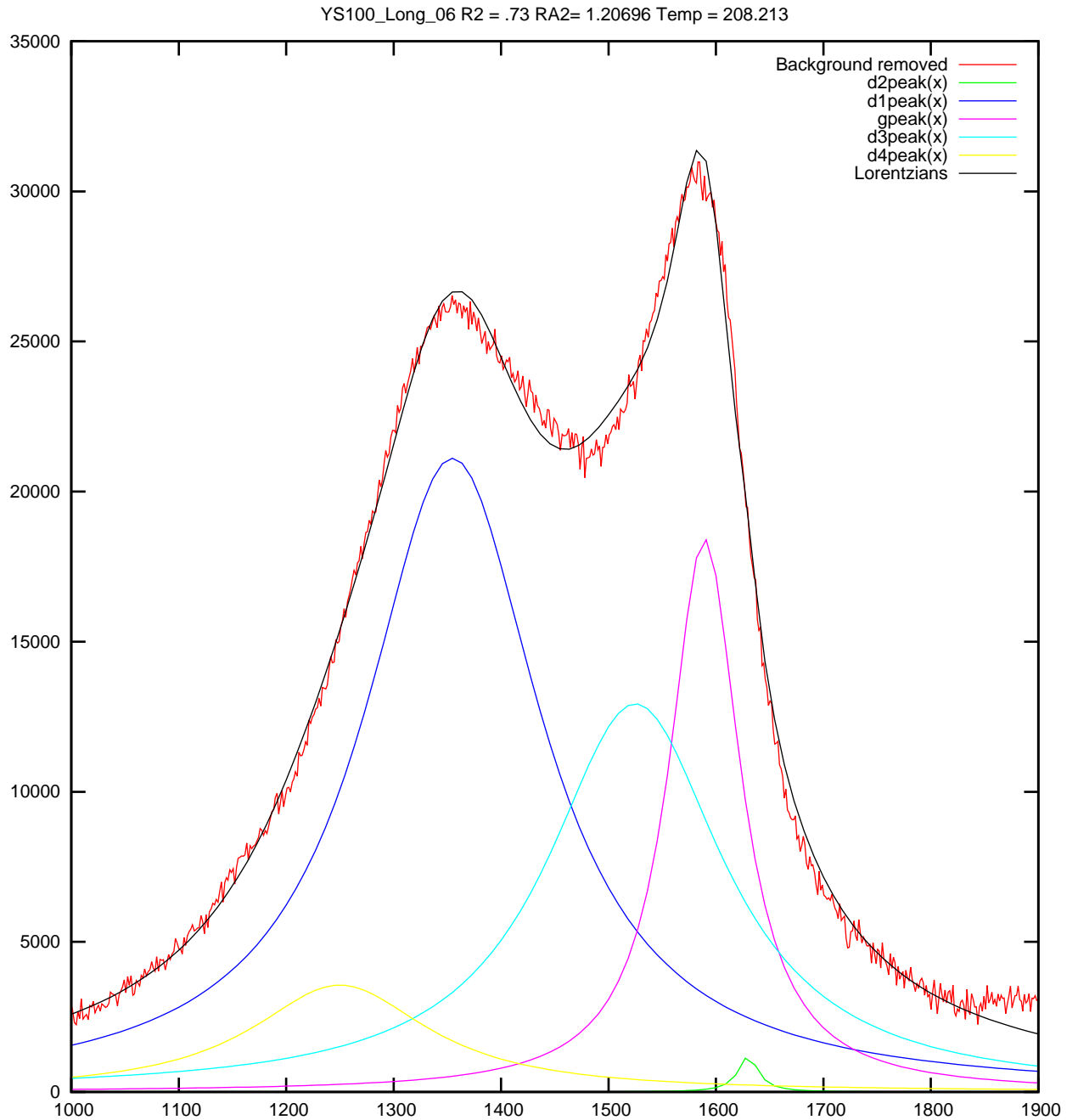
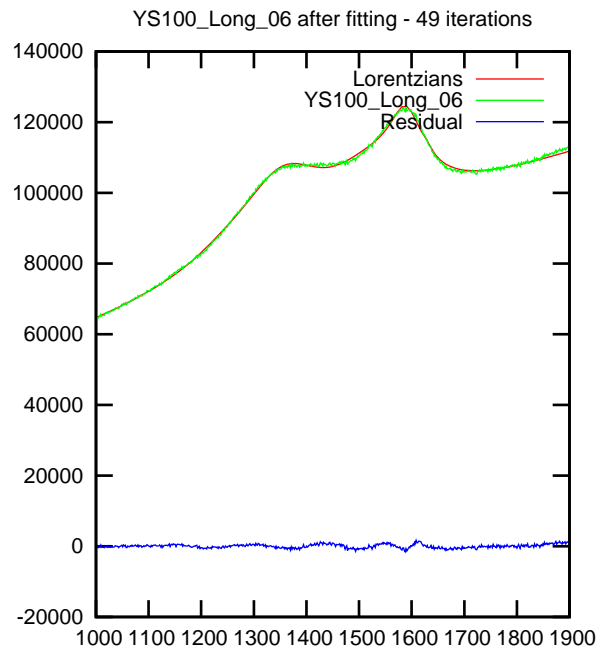
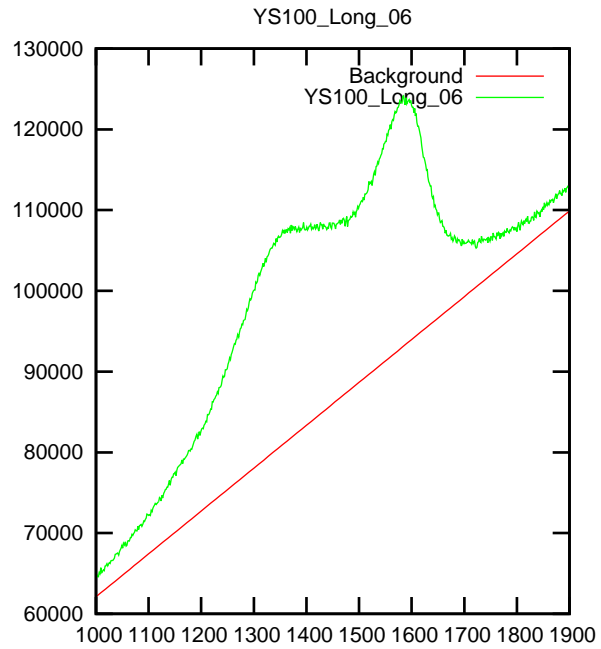


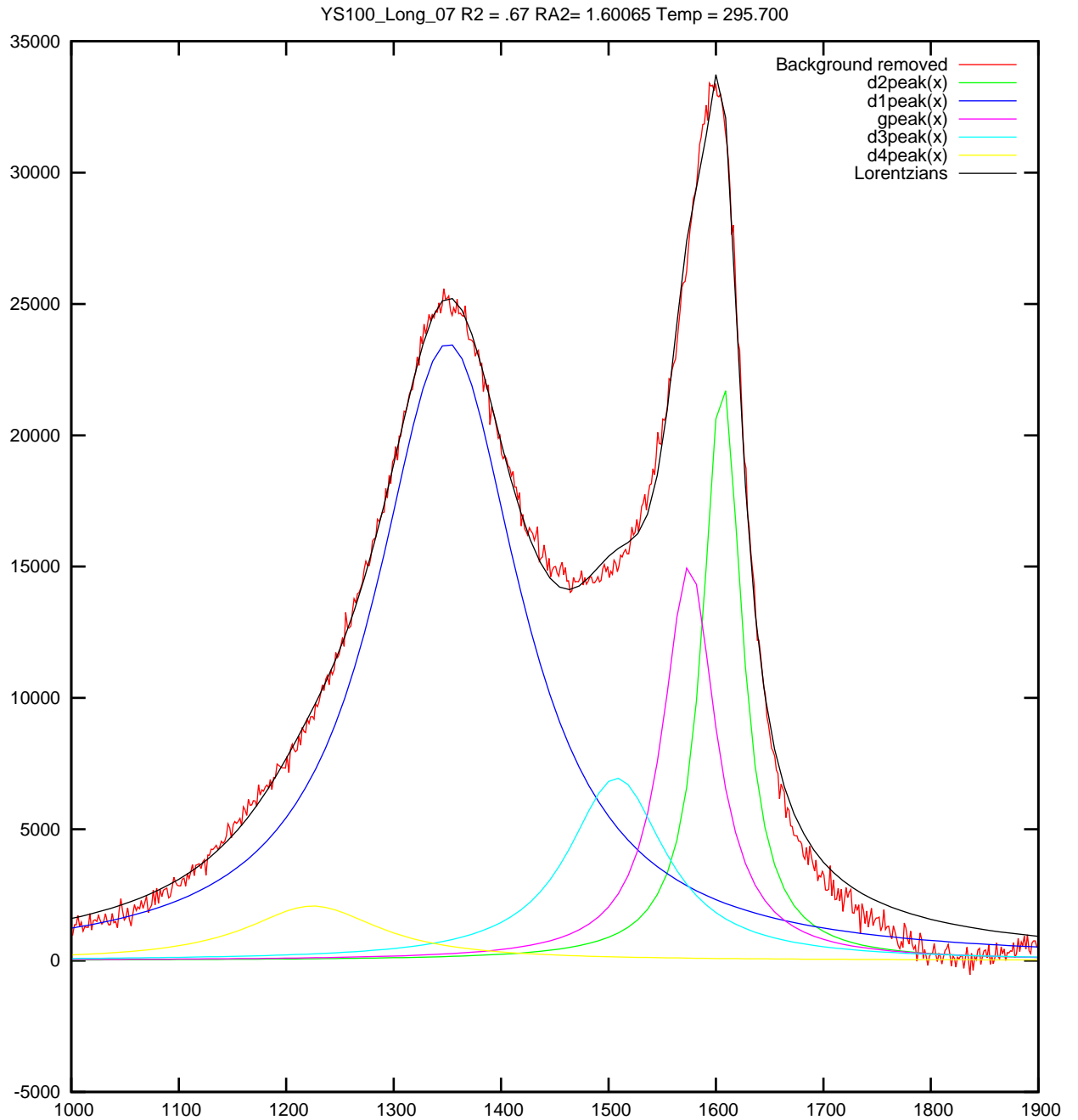
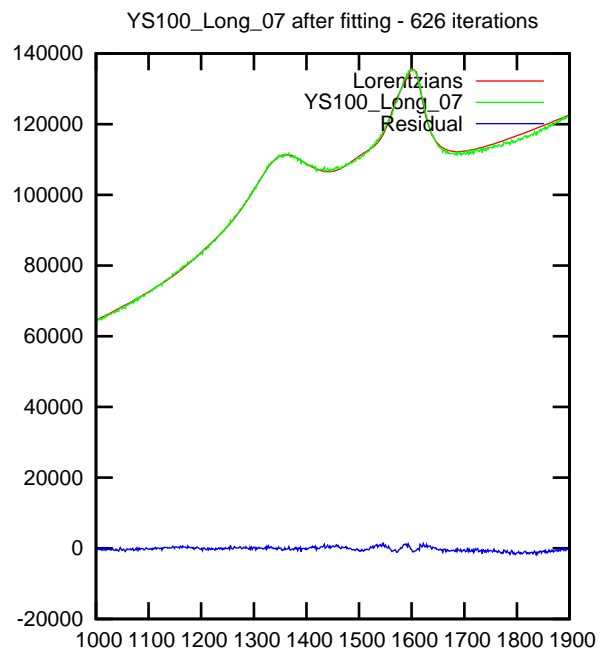
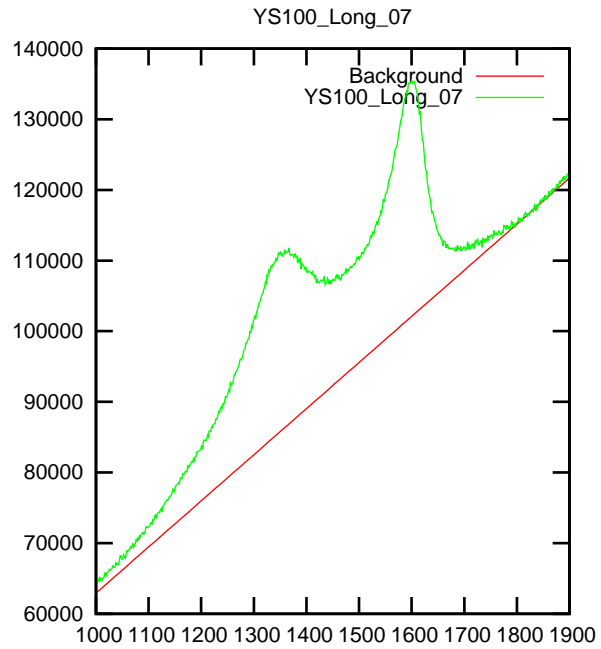


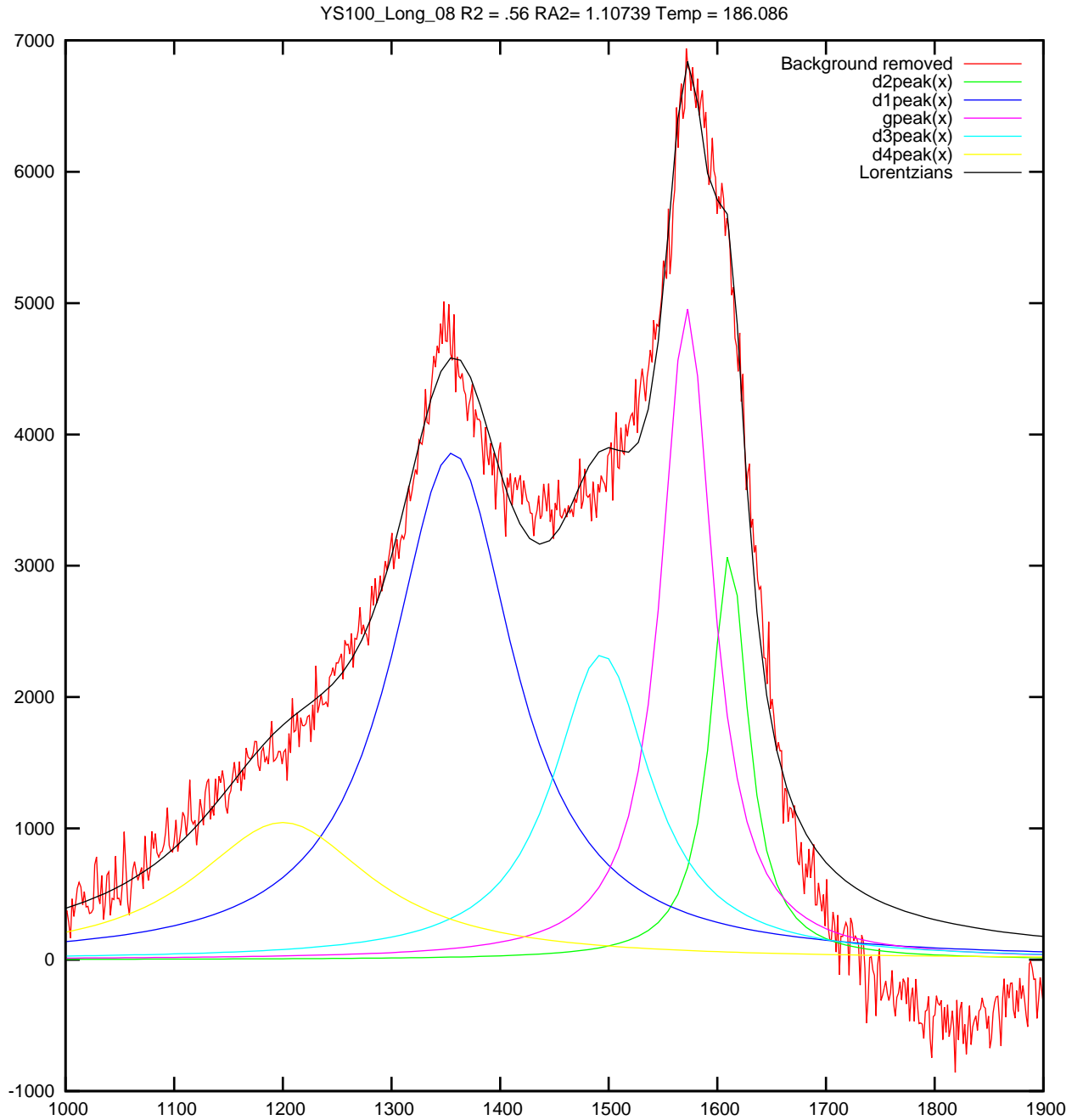
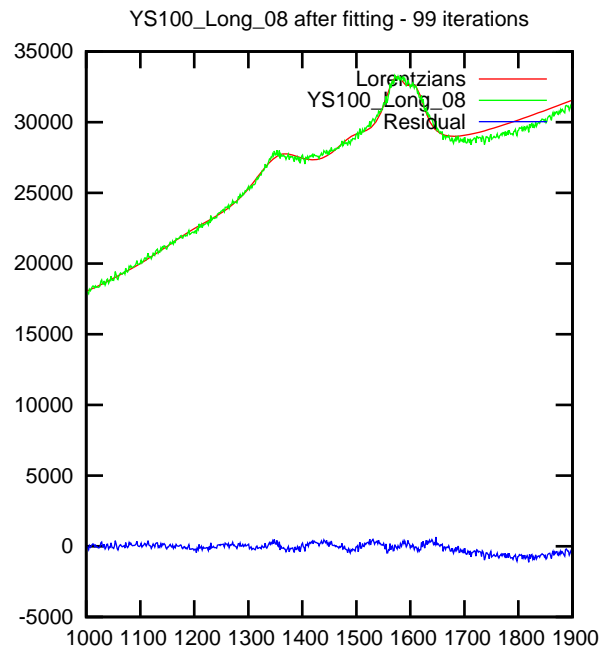
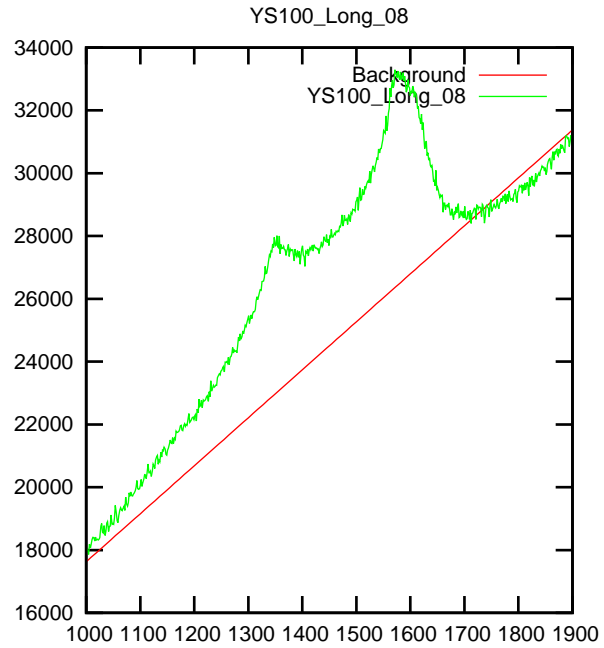


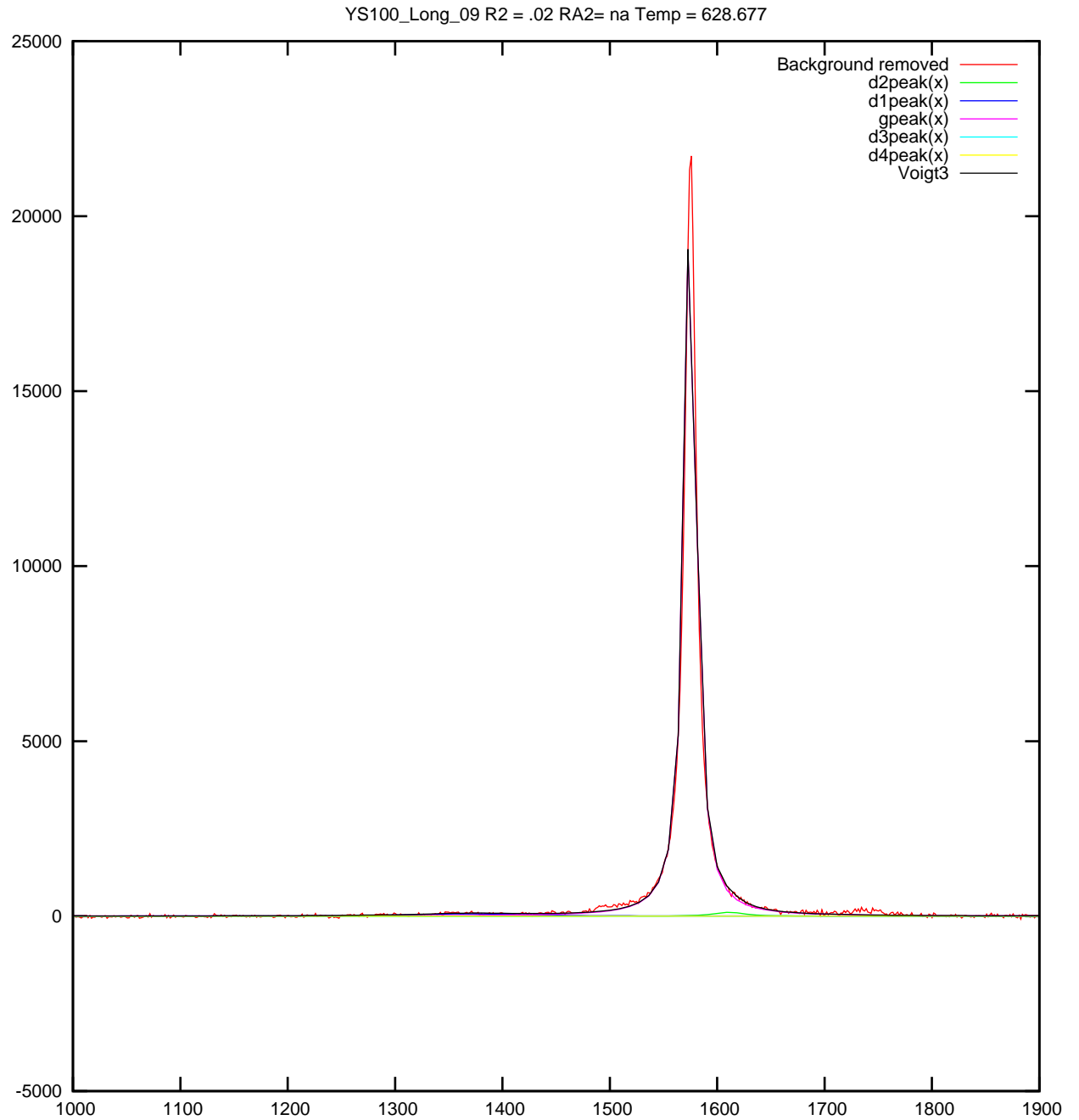
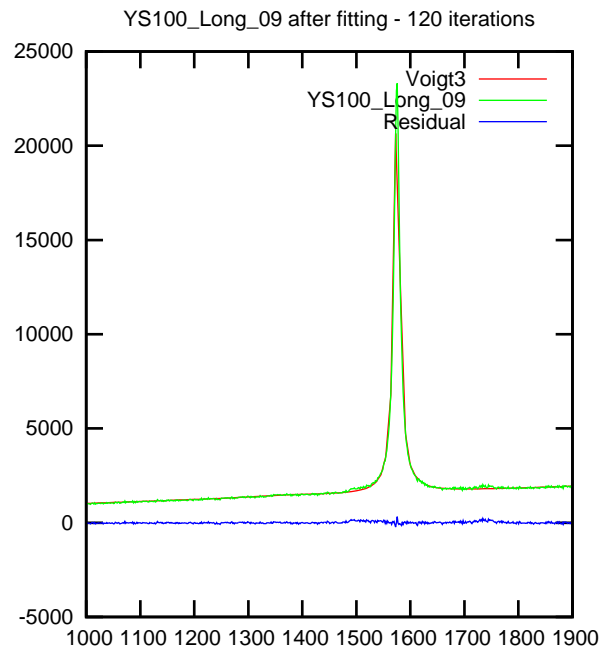
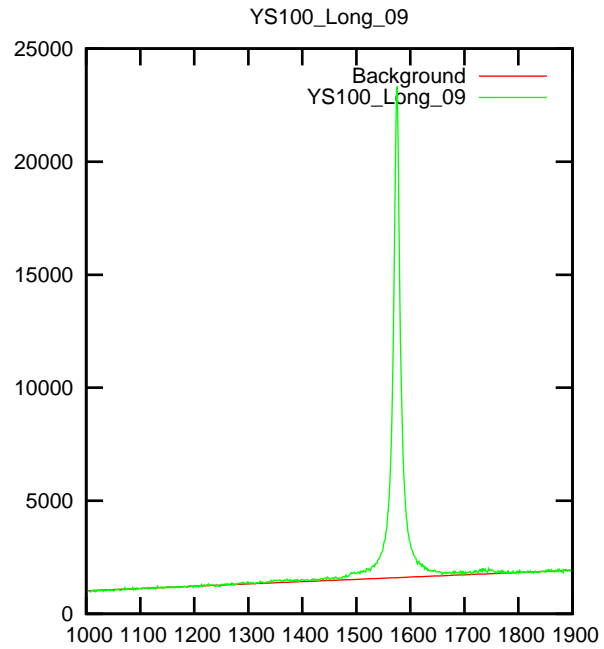




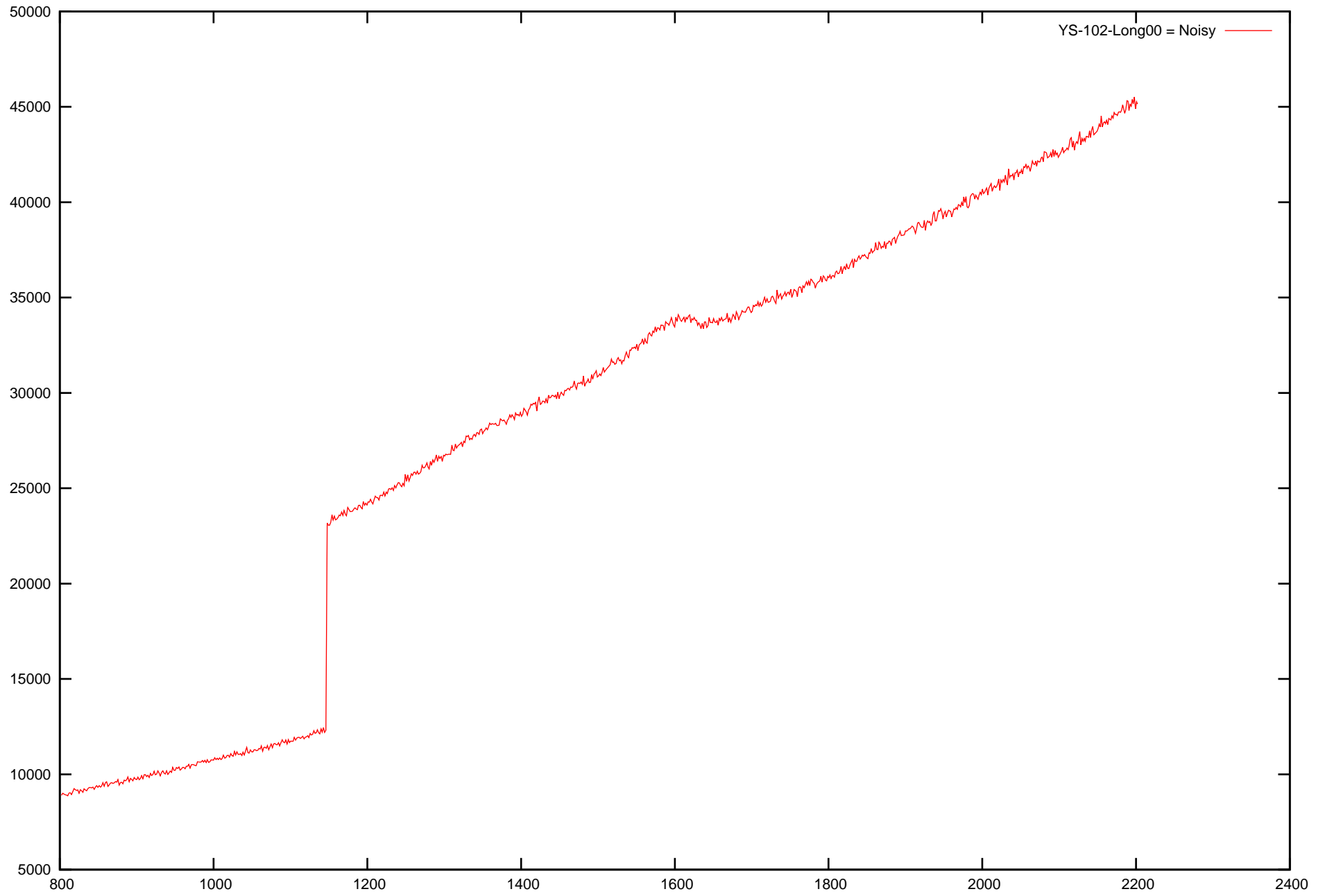


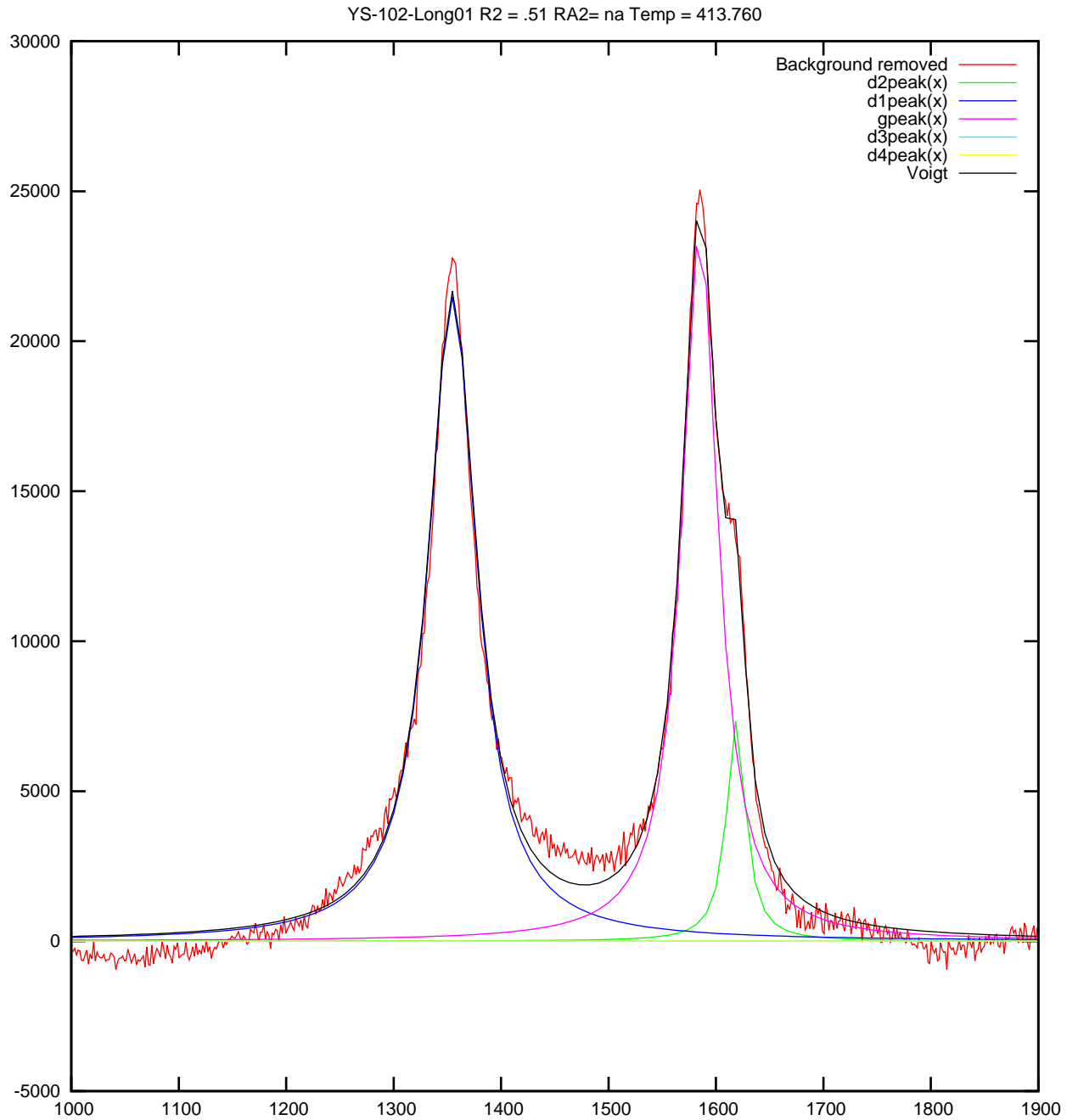
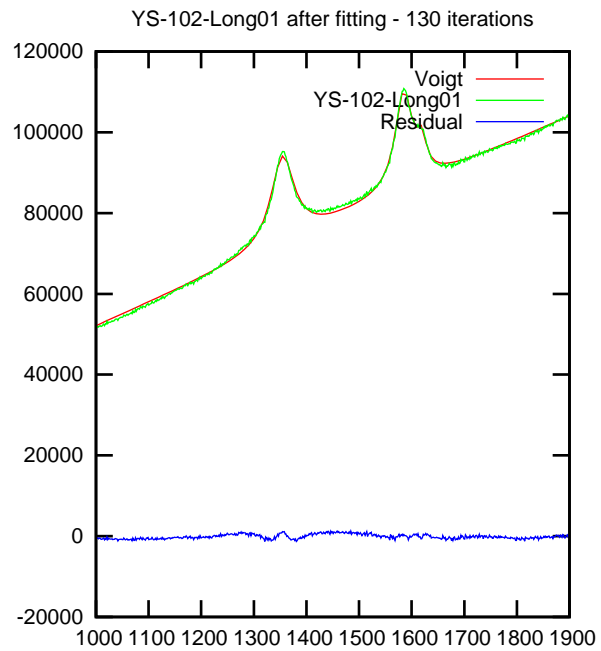
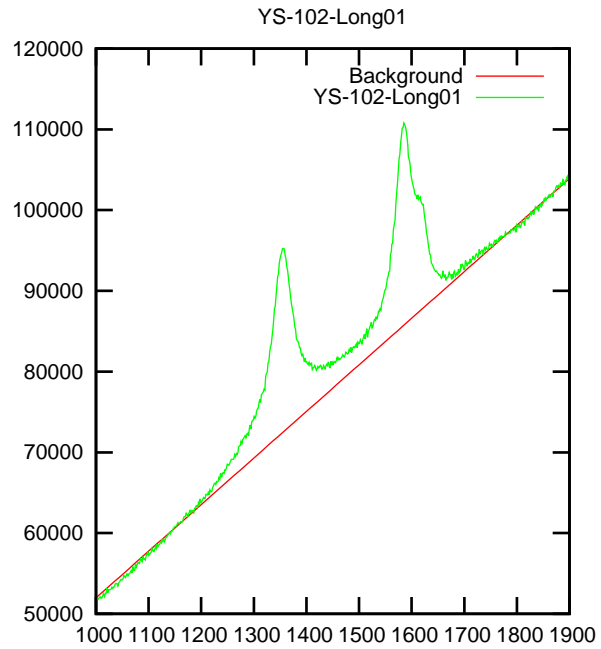




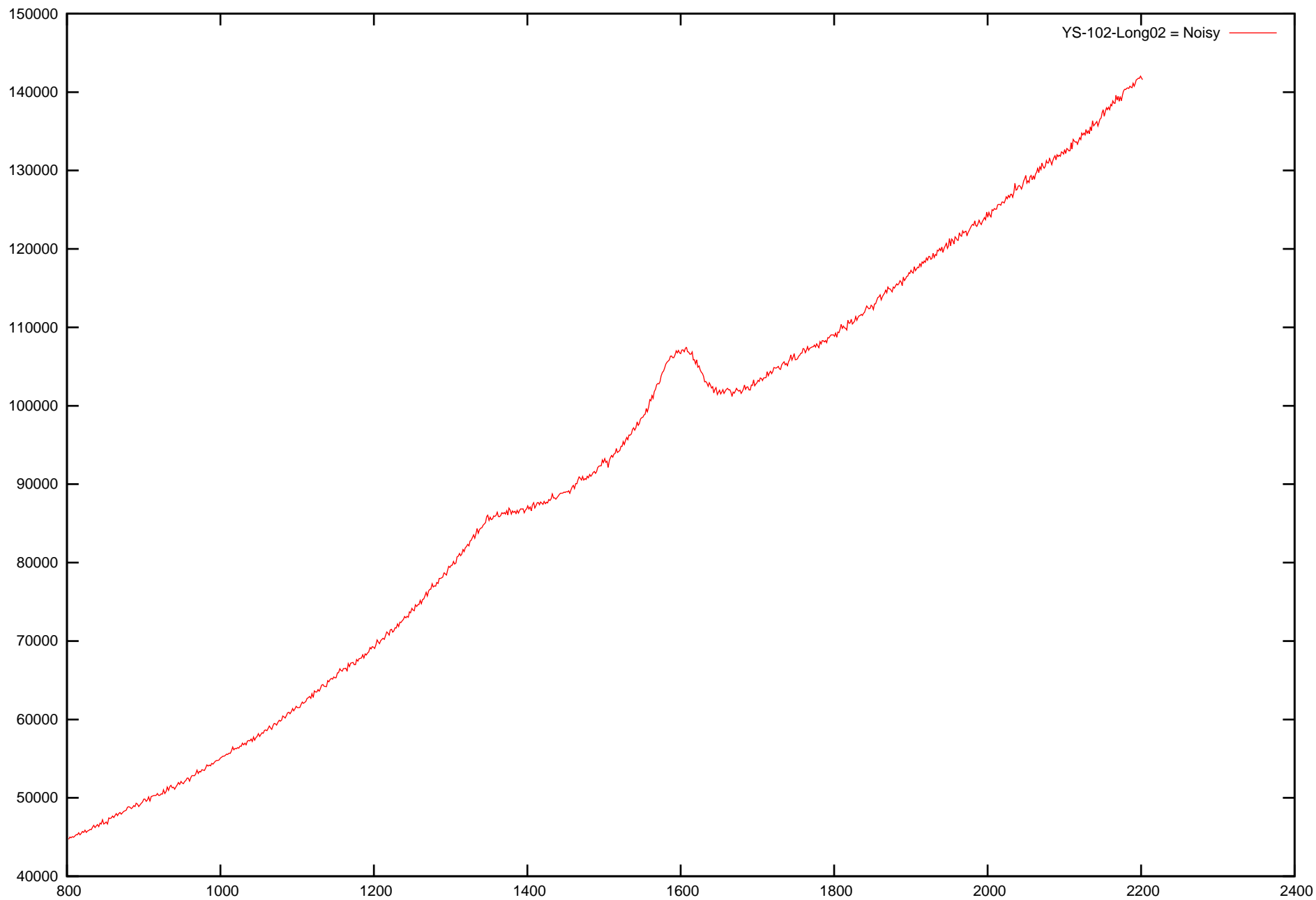


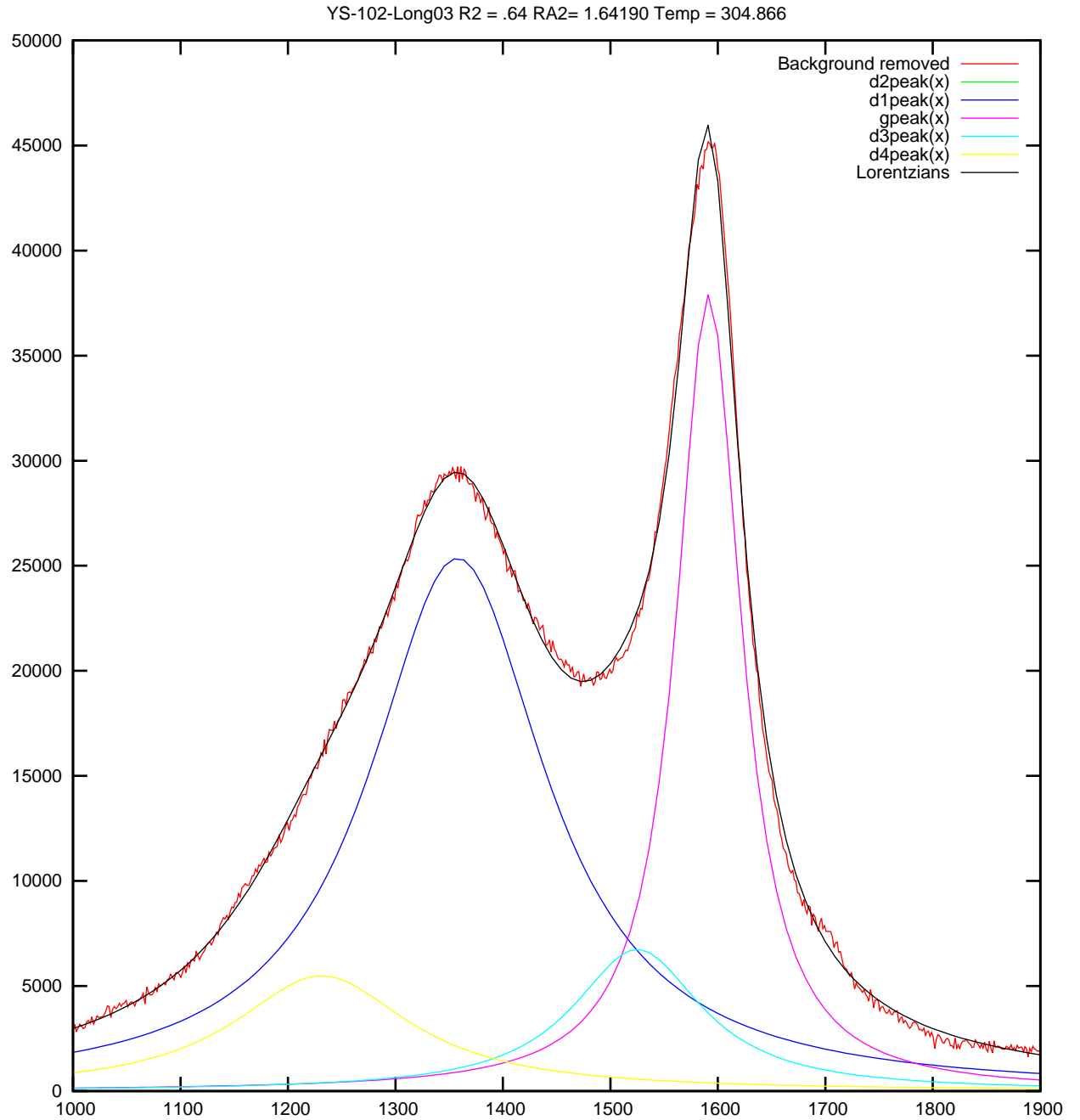
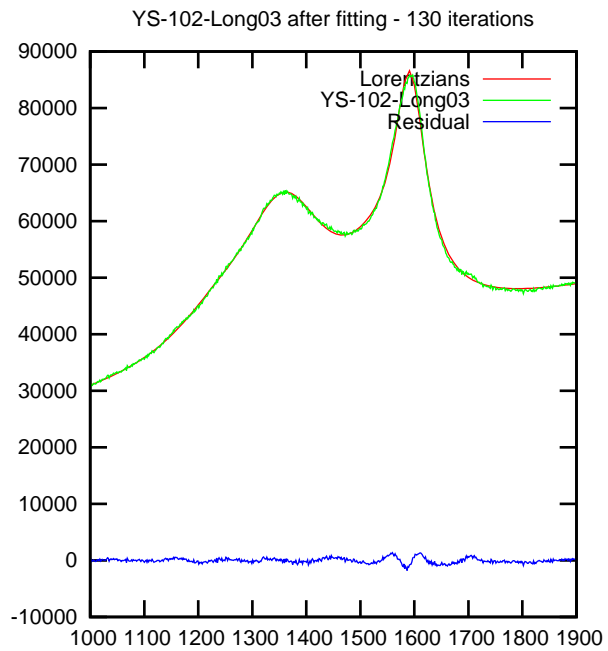
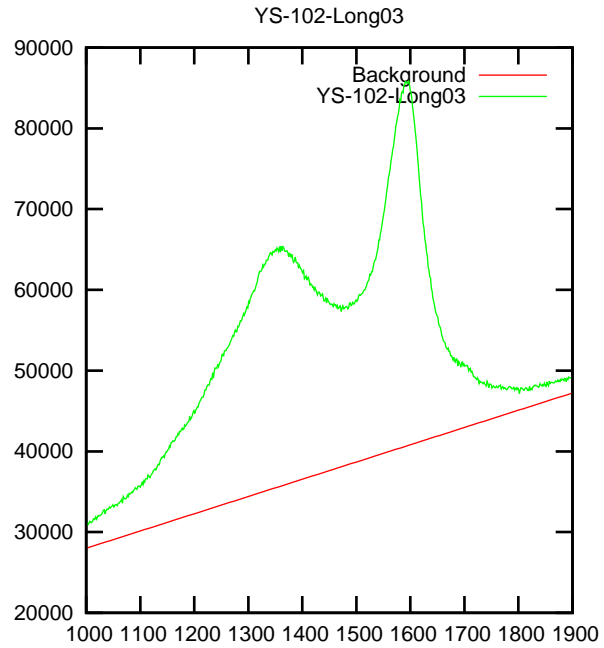
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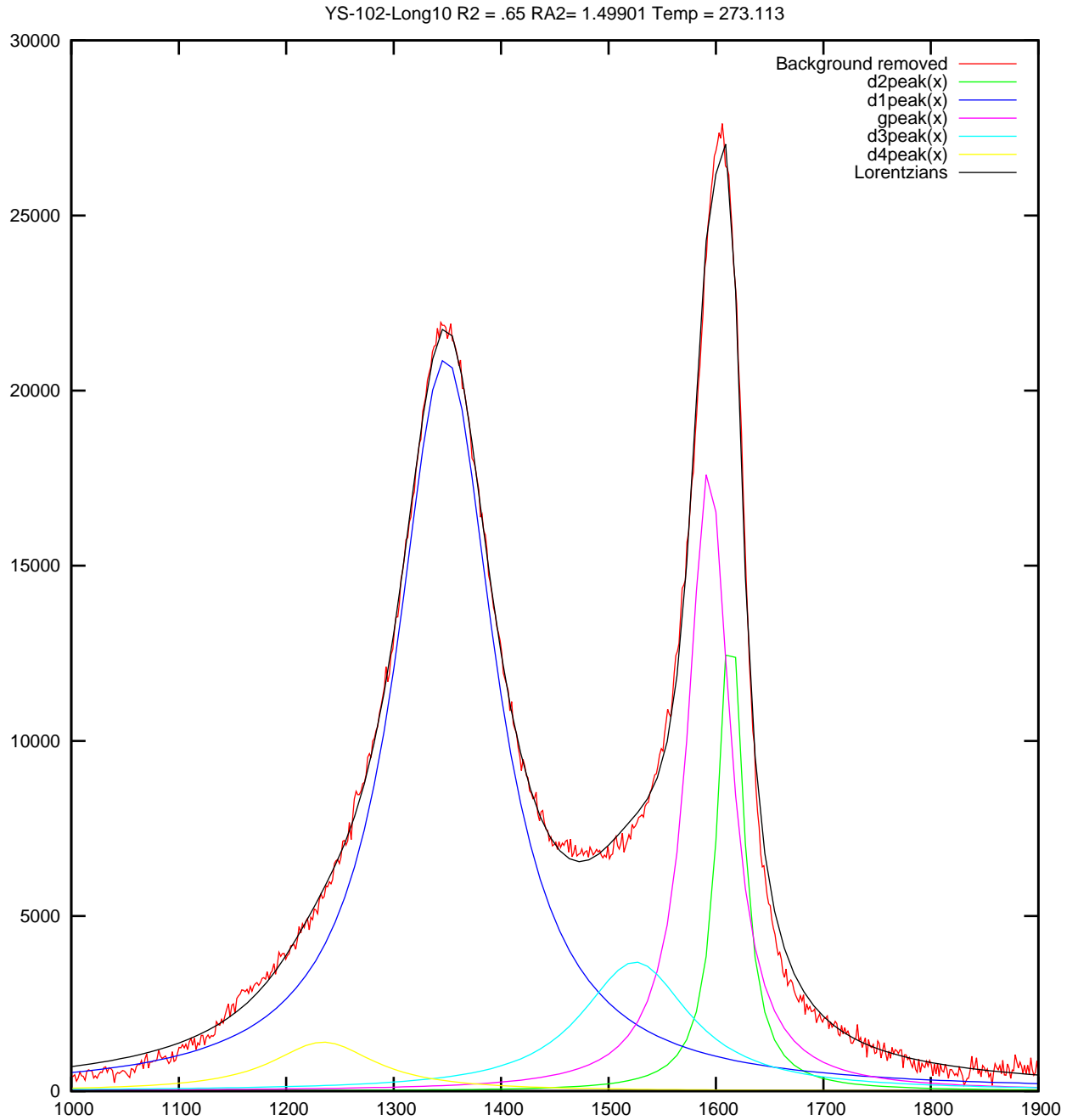
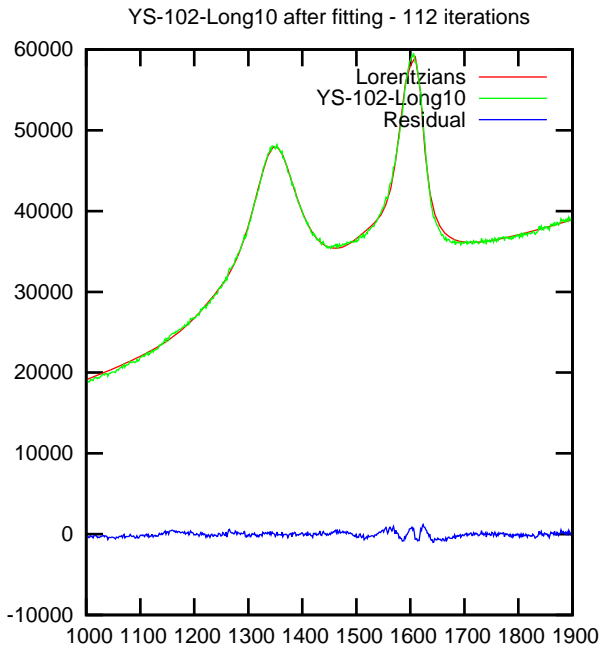
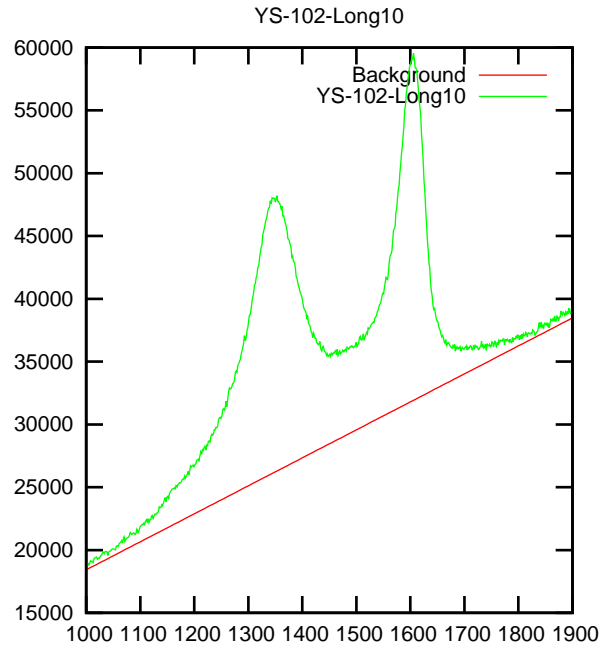




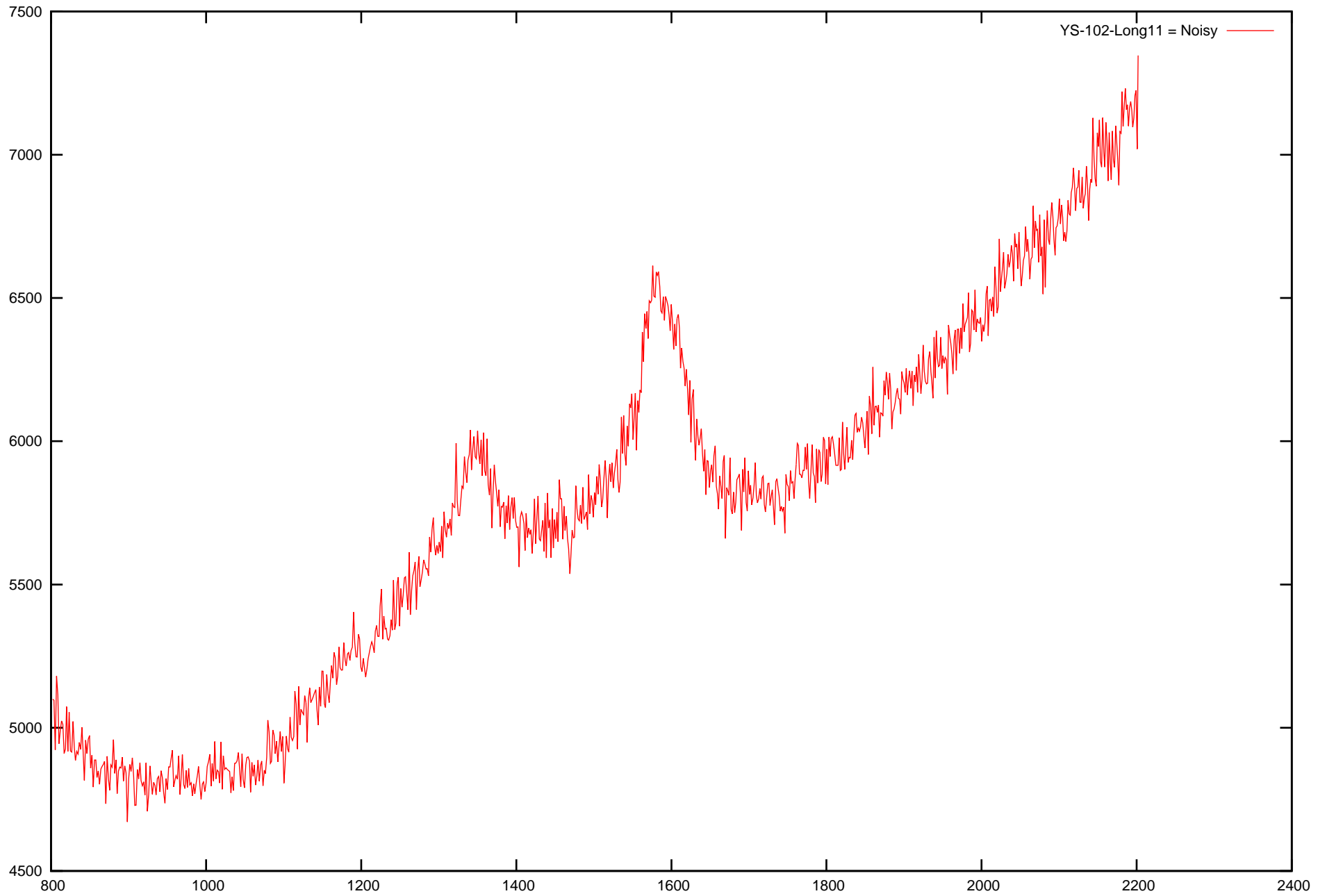
YS-102-Long02 = Noisy





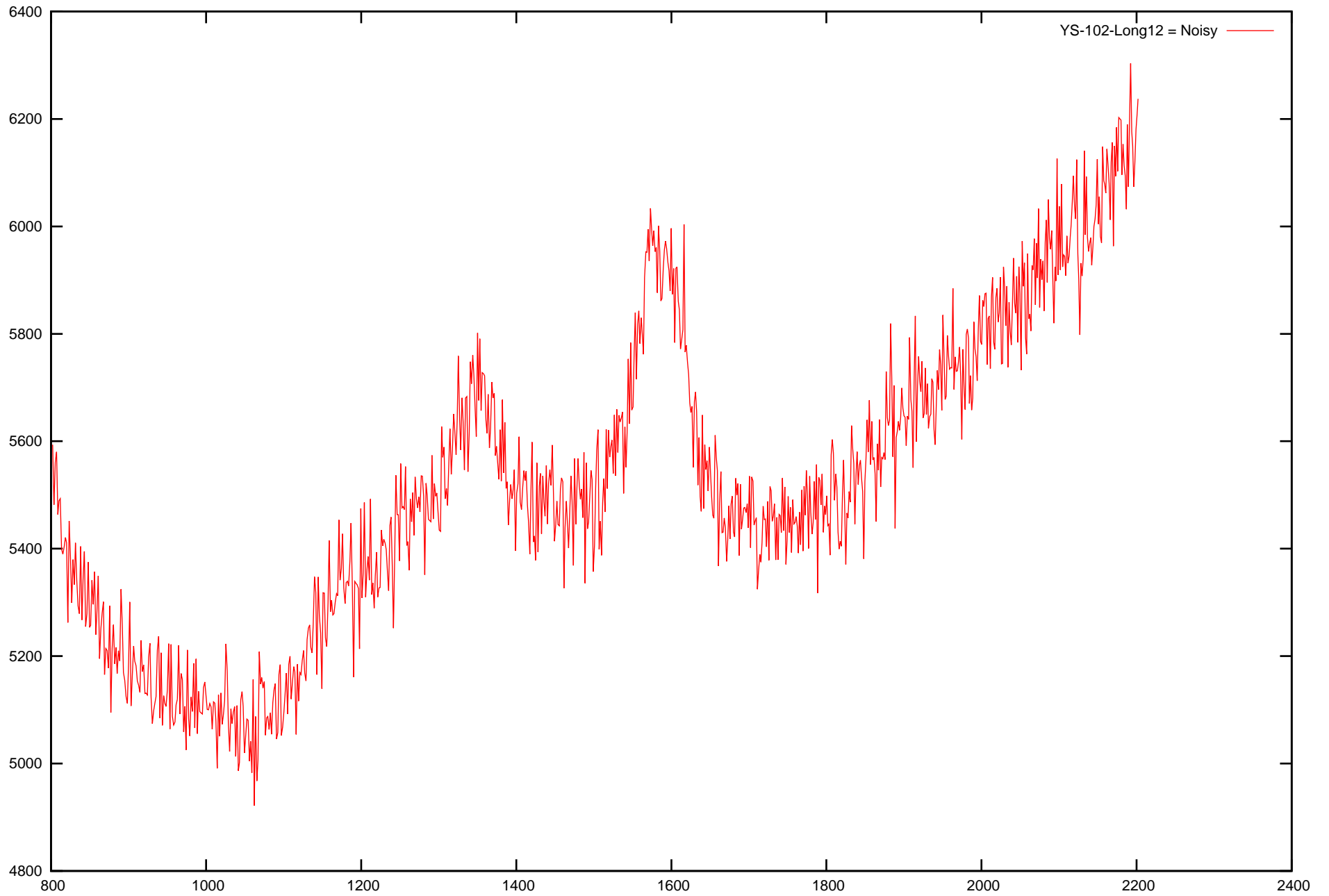


YS-102-Long11 = Noisy



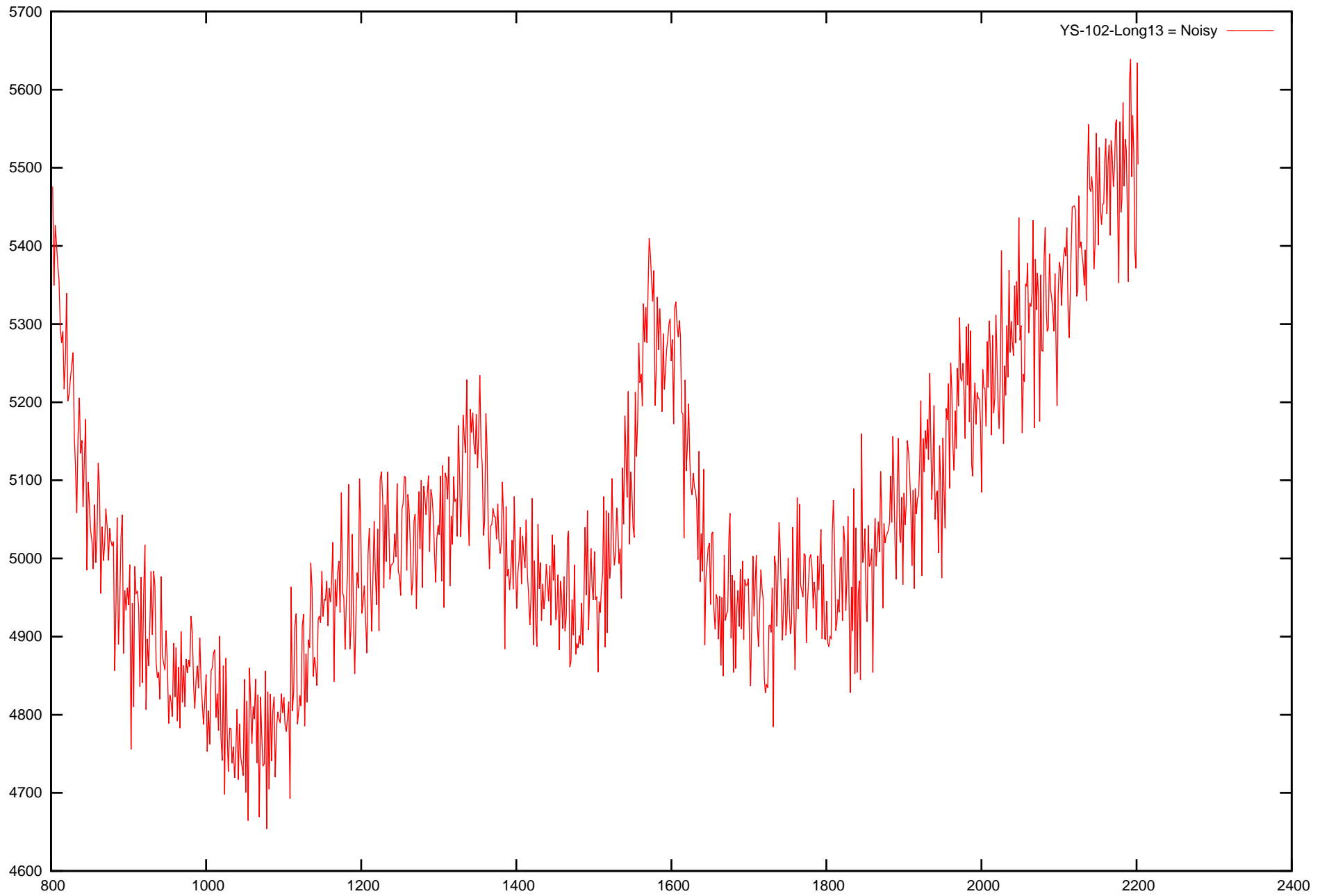
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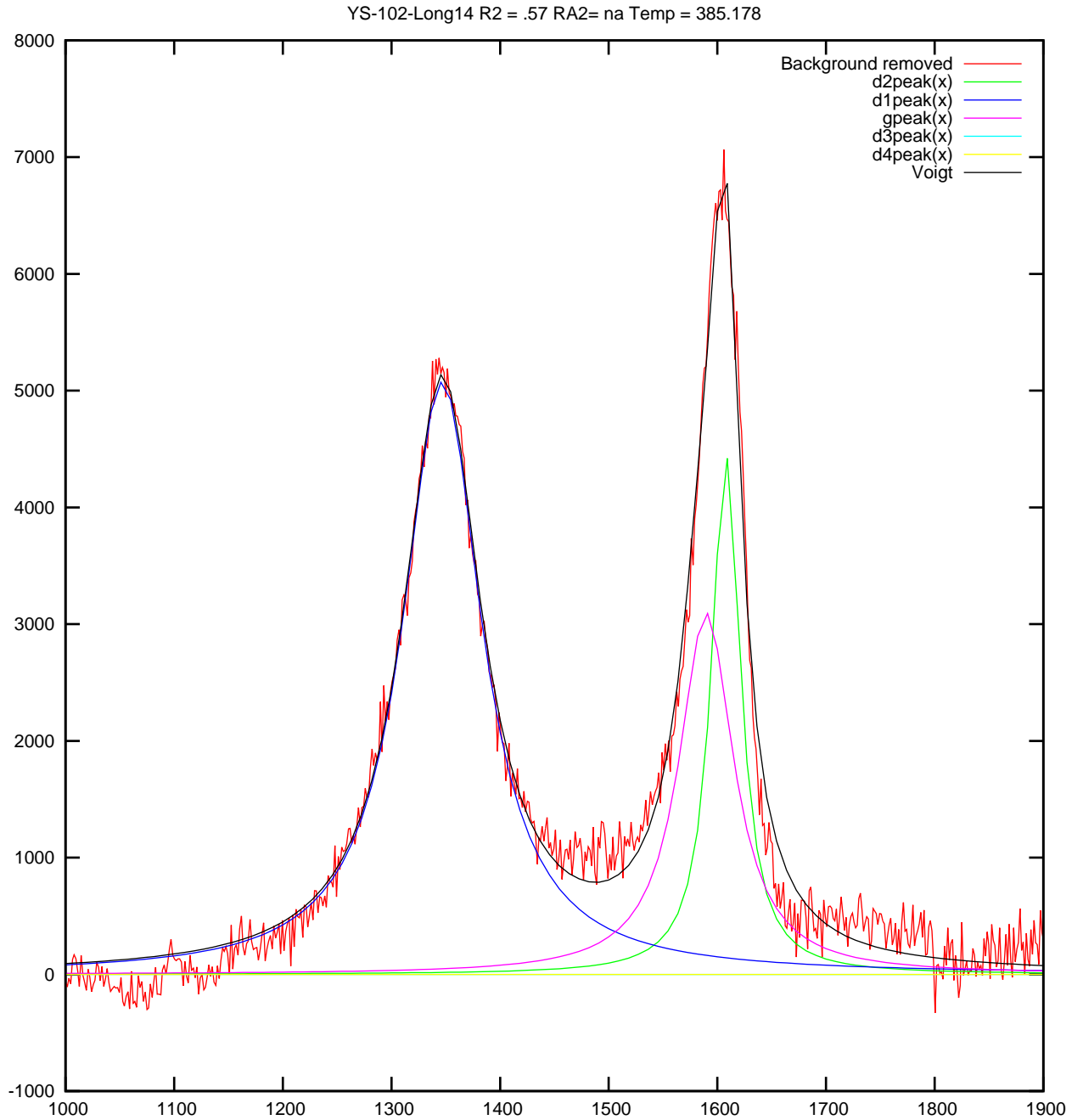
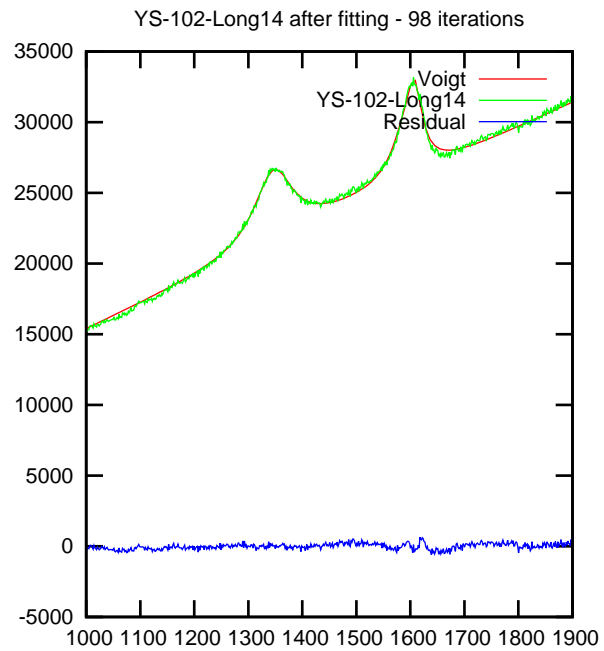
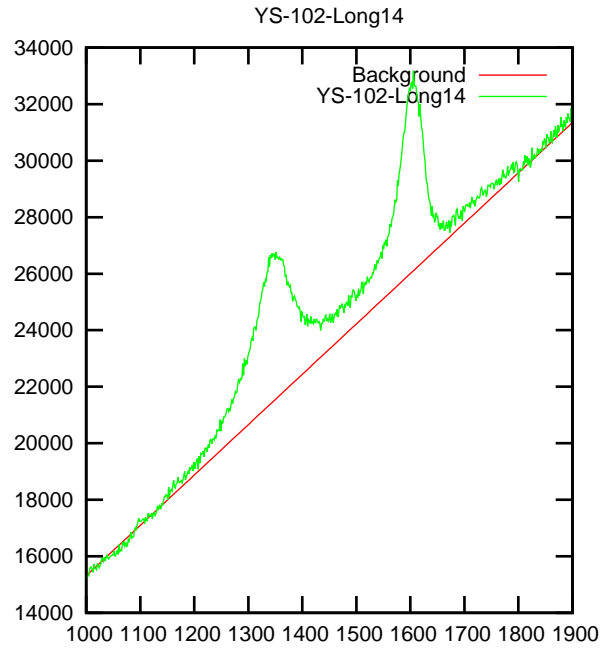
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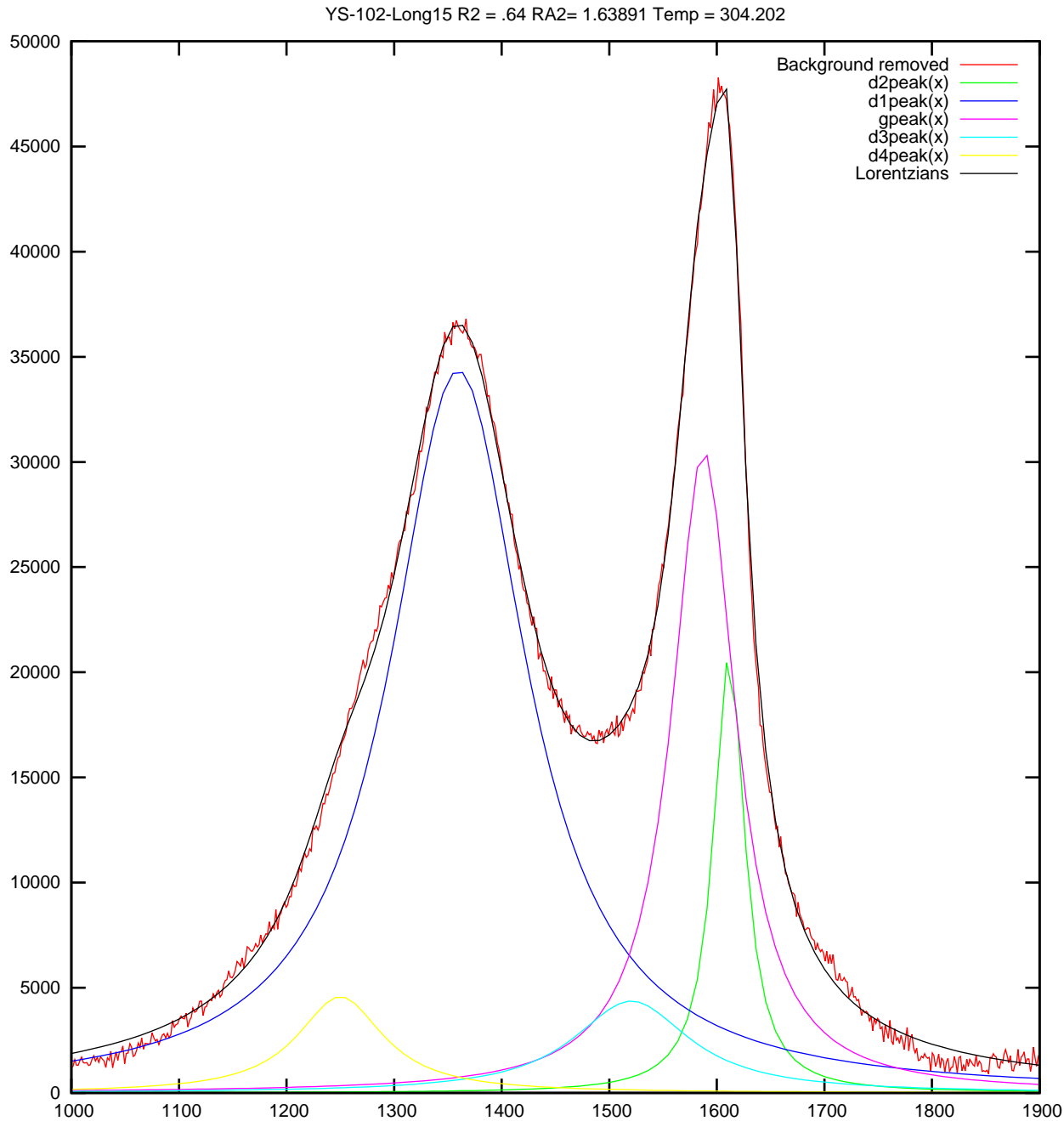
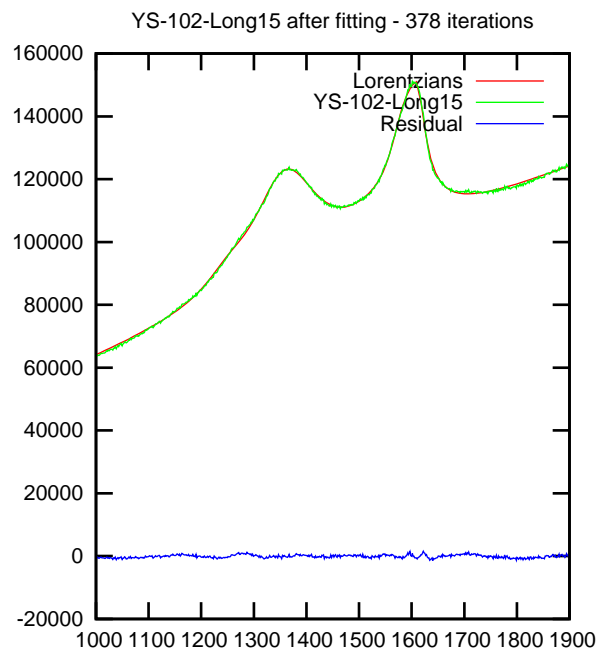
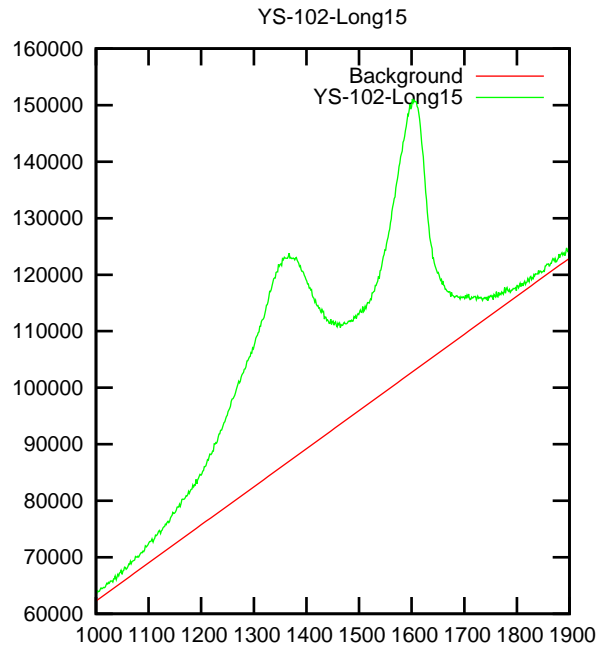


YS-102-Long12 = Noisy

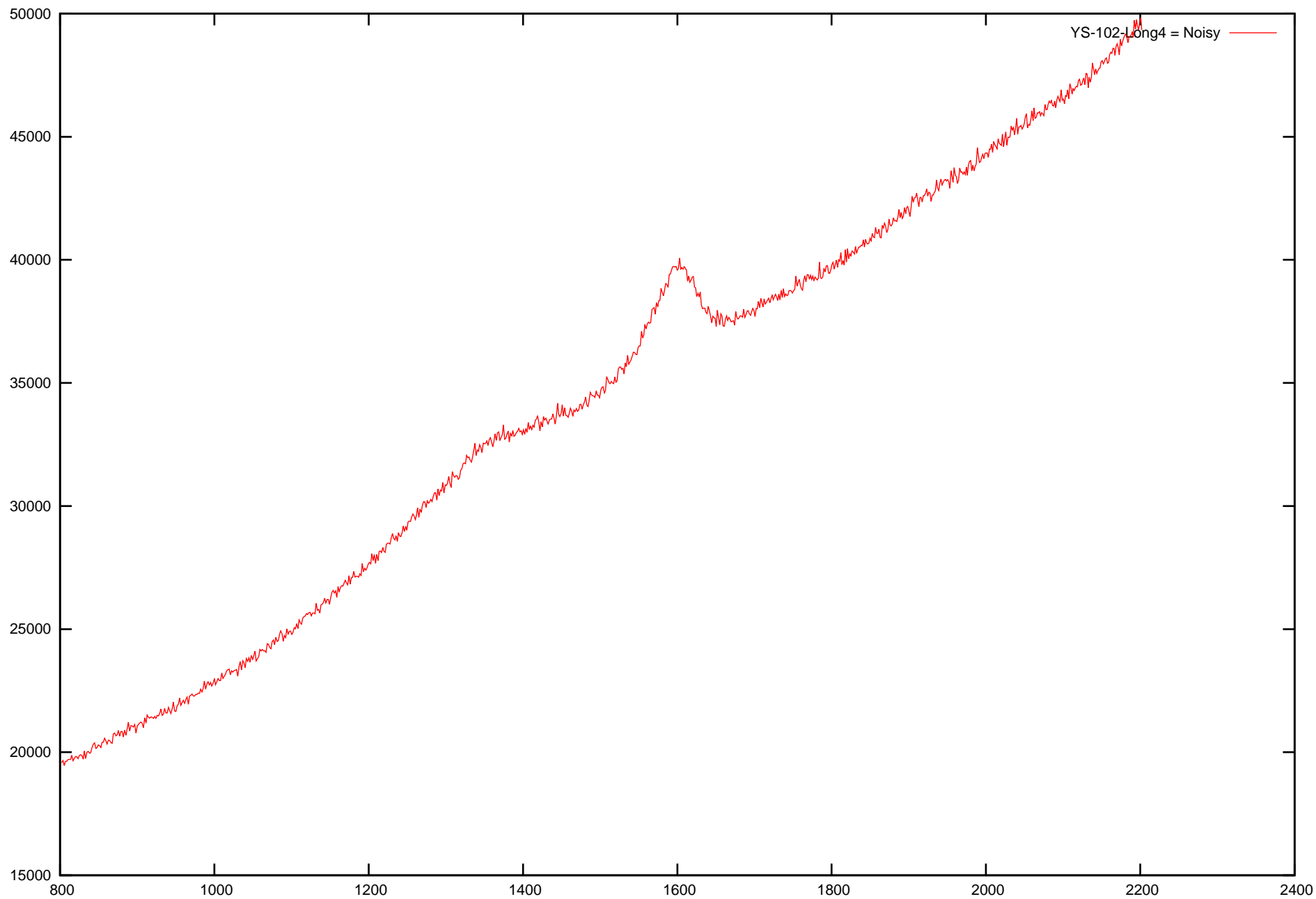
YS-102-Long13 = Noisy





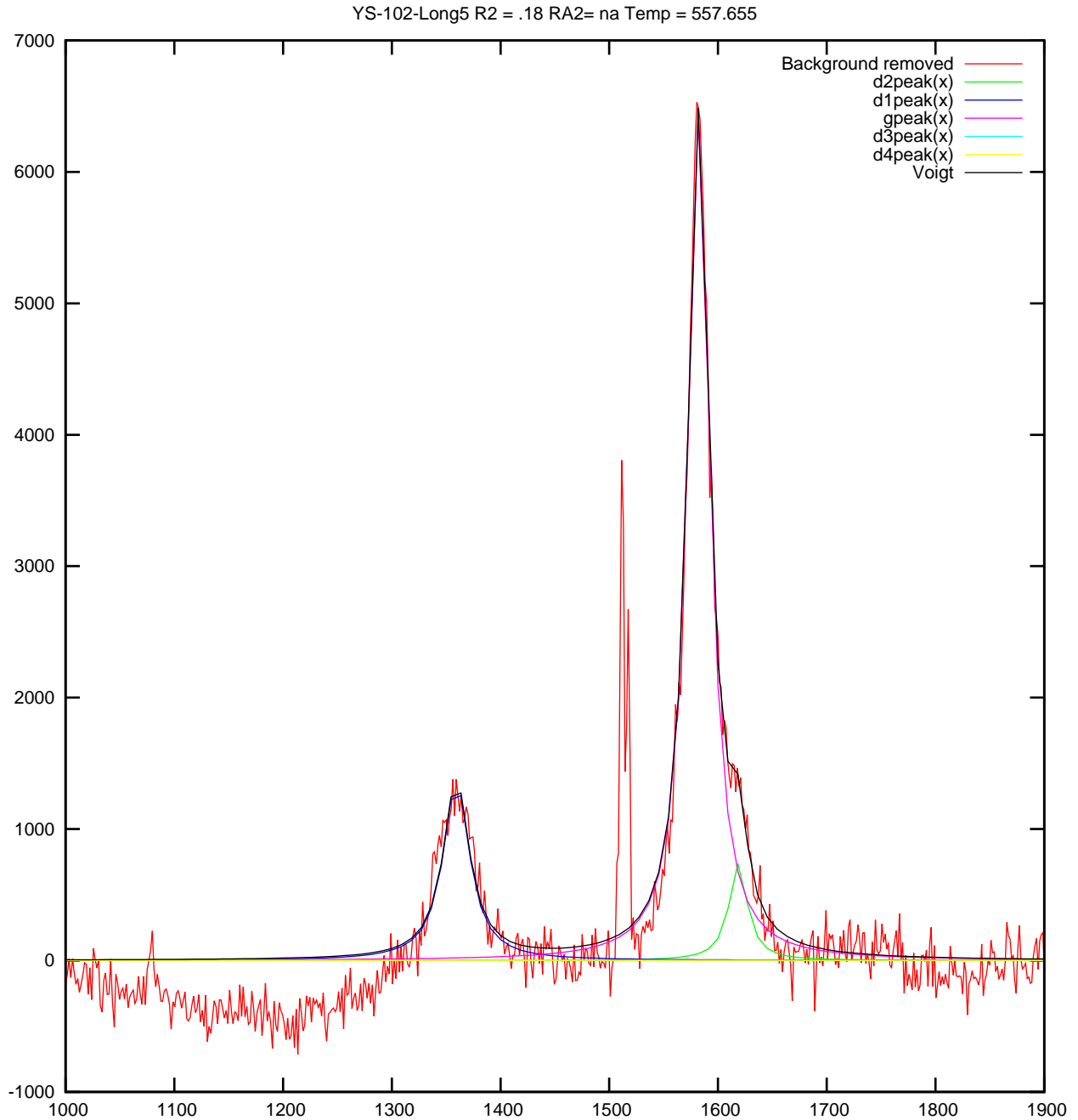
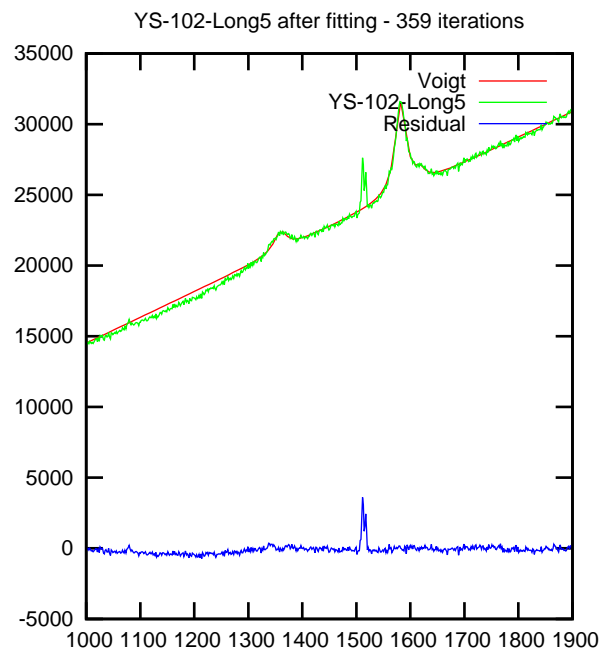
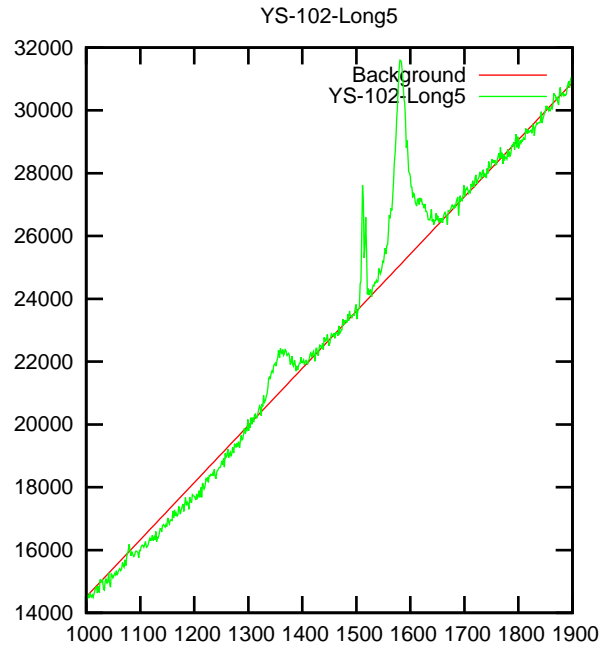


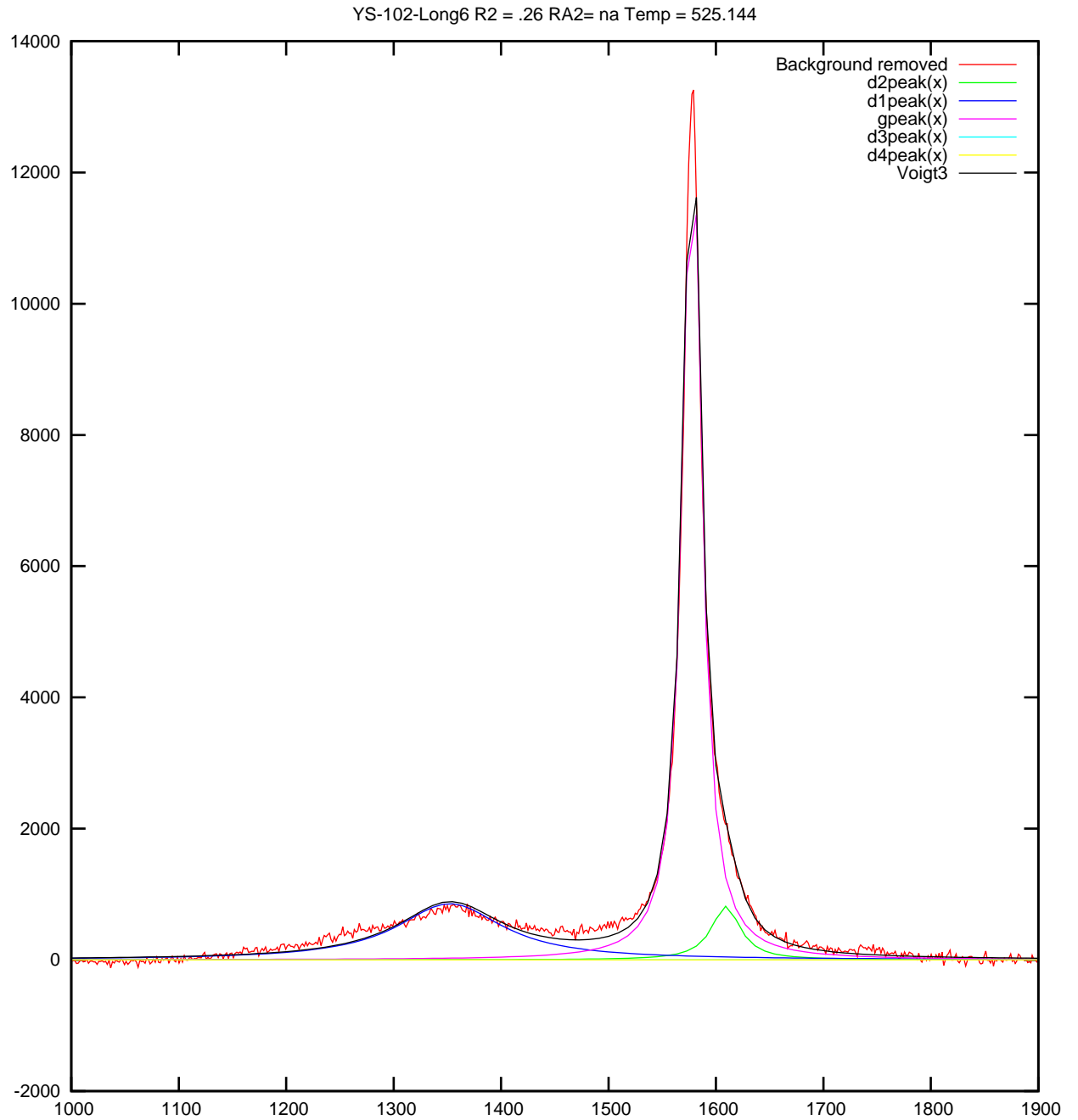
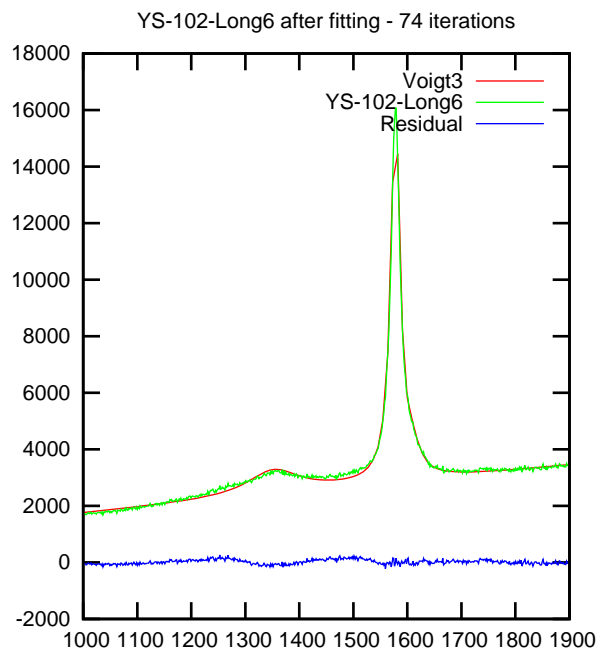
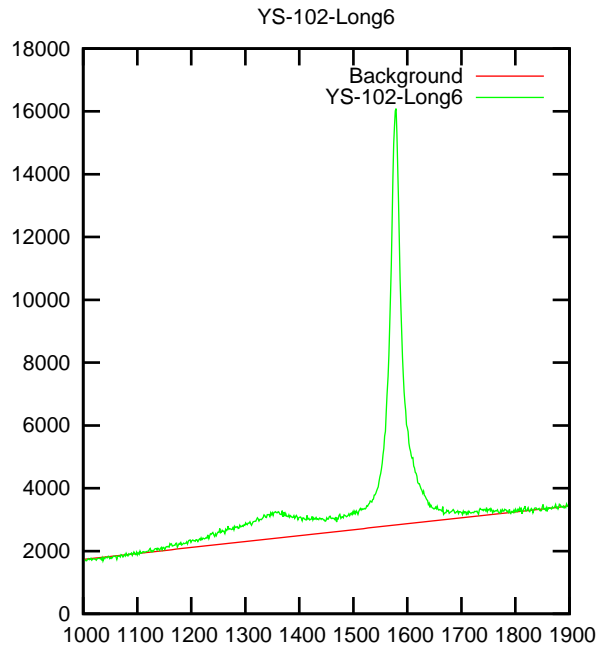
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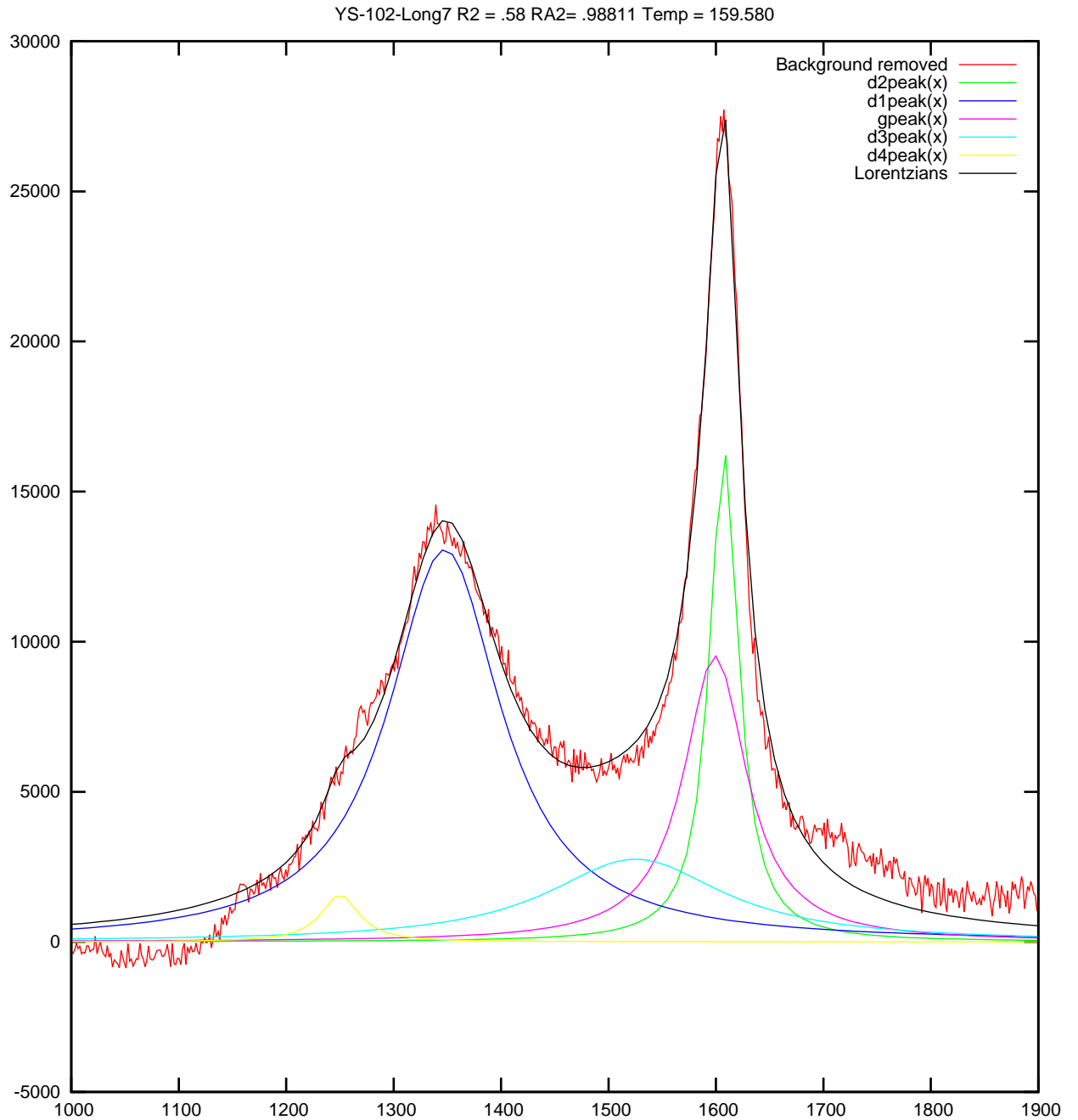
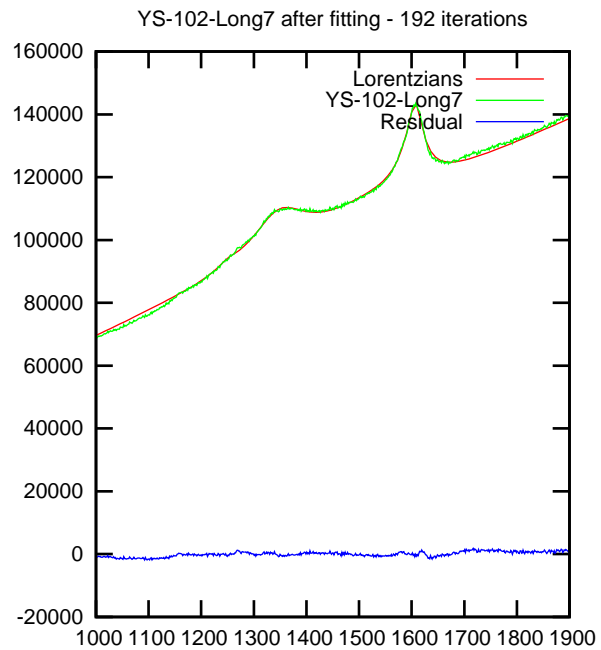
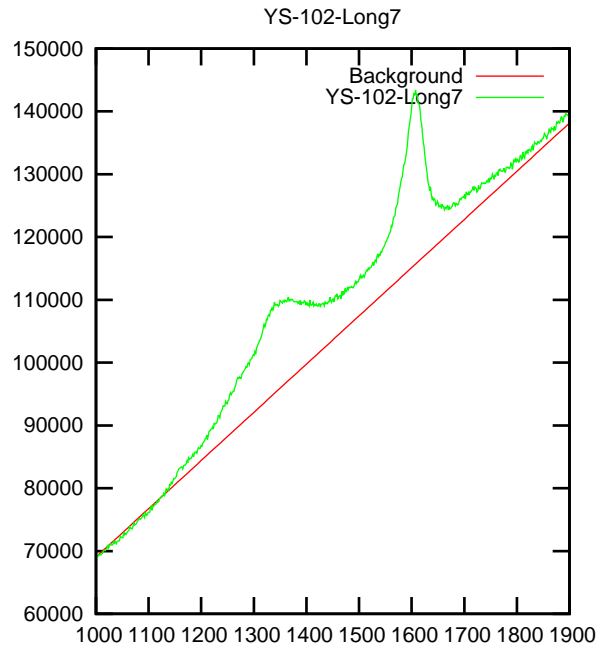


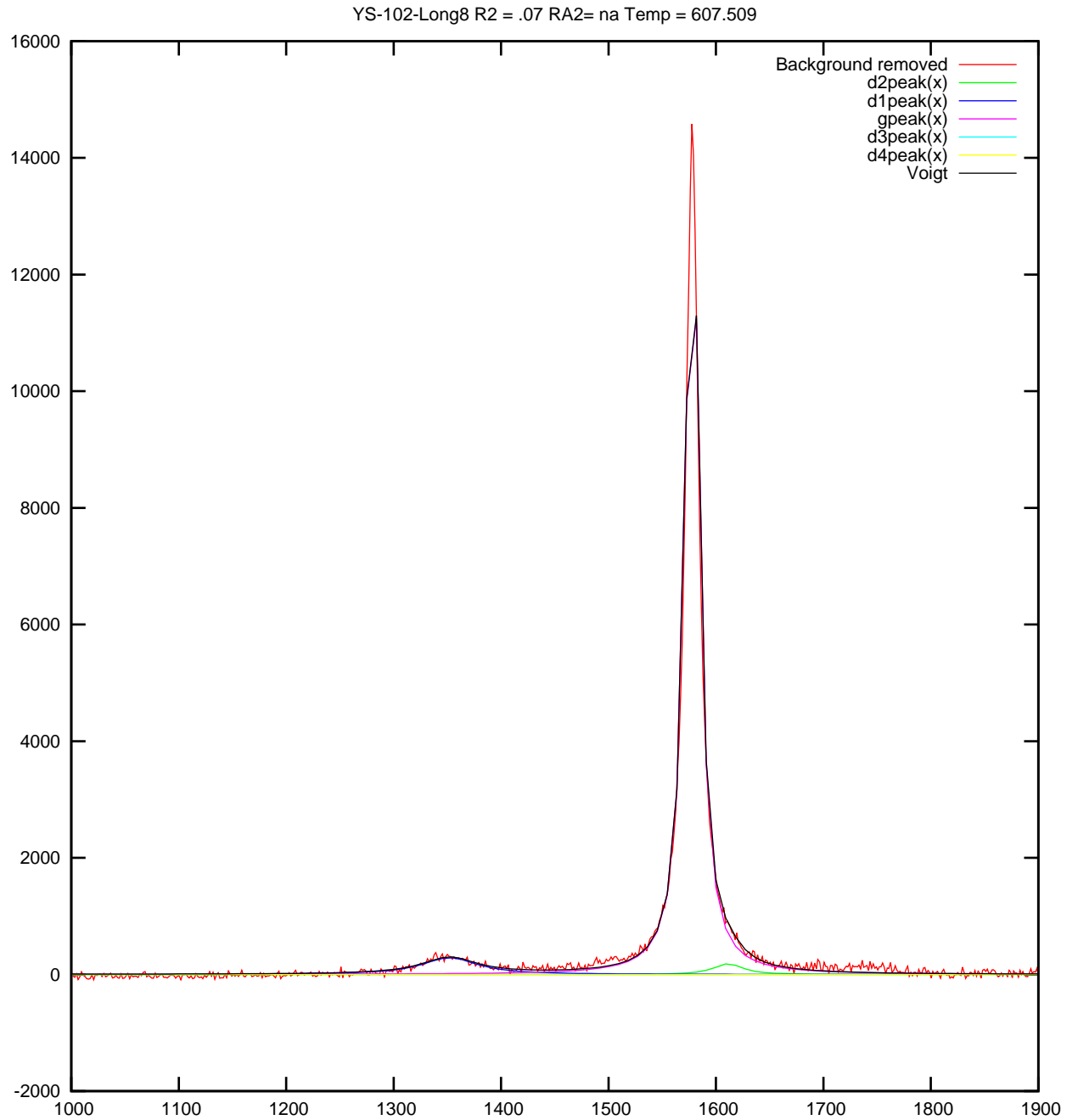
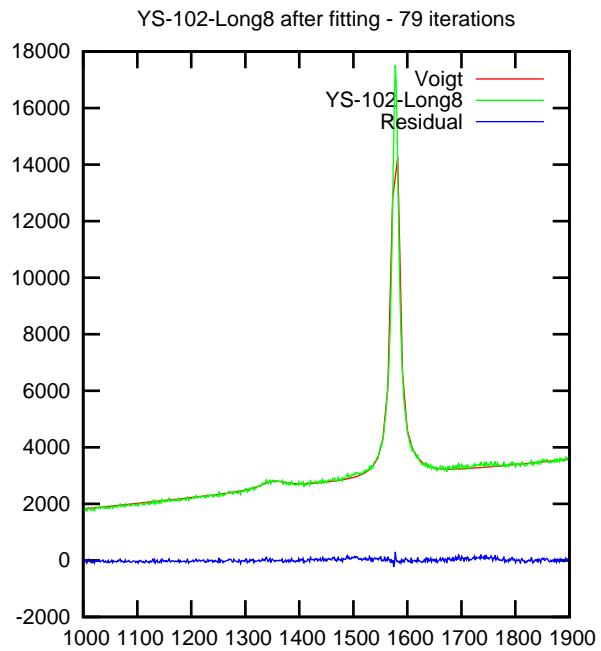
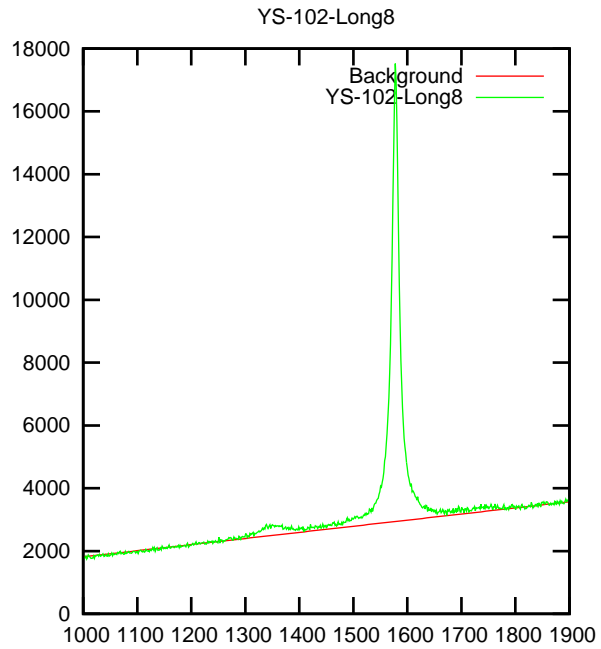
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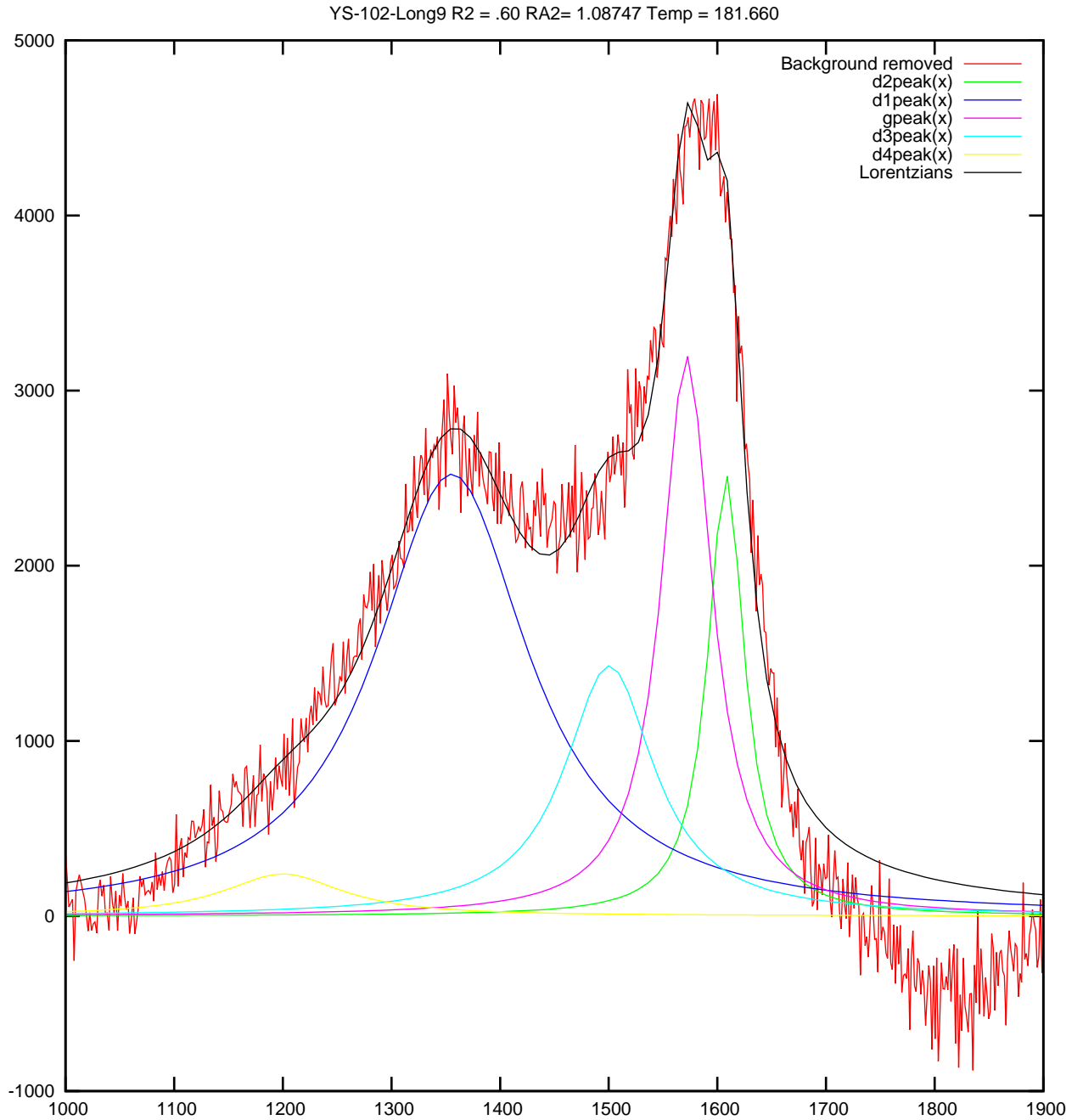
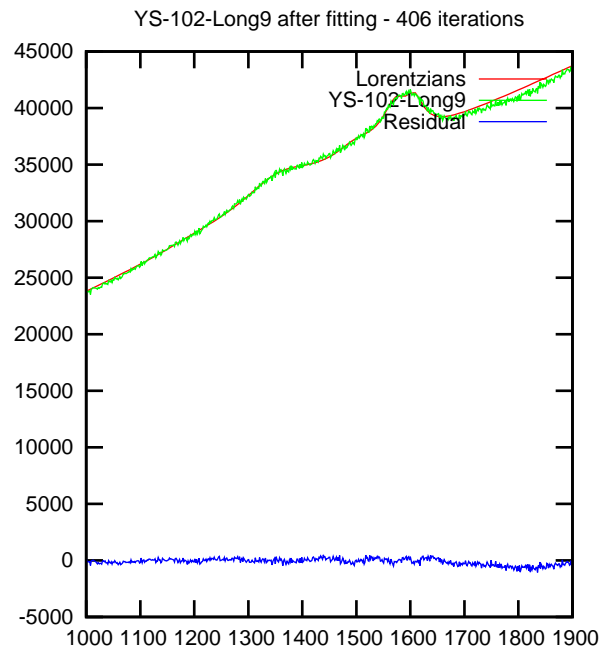
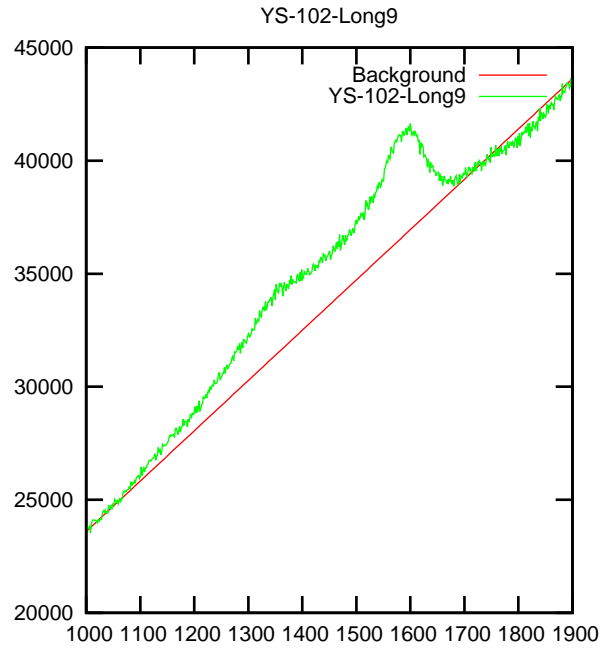
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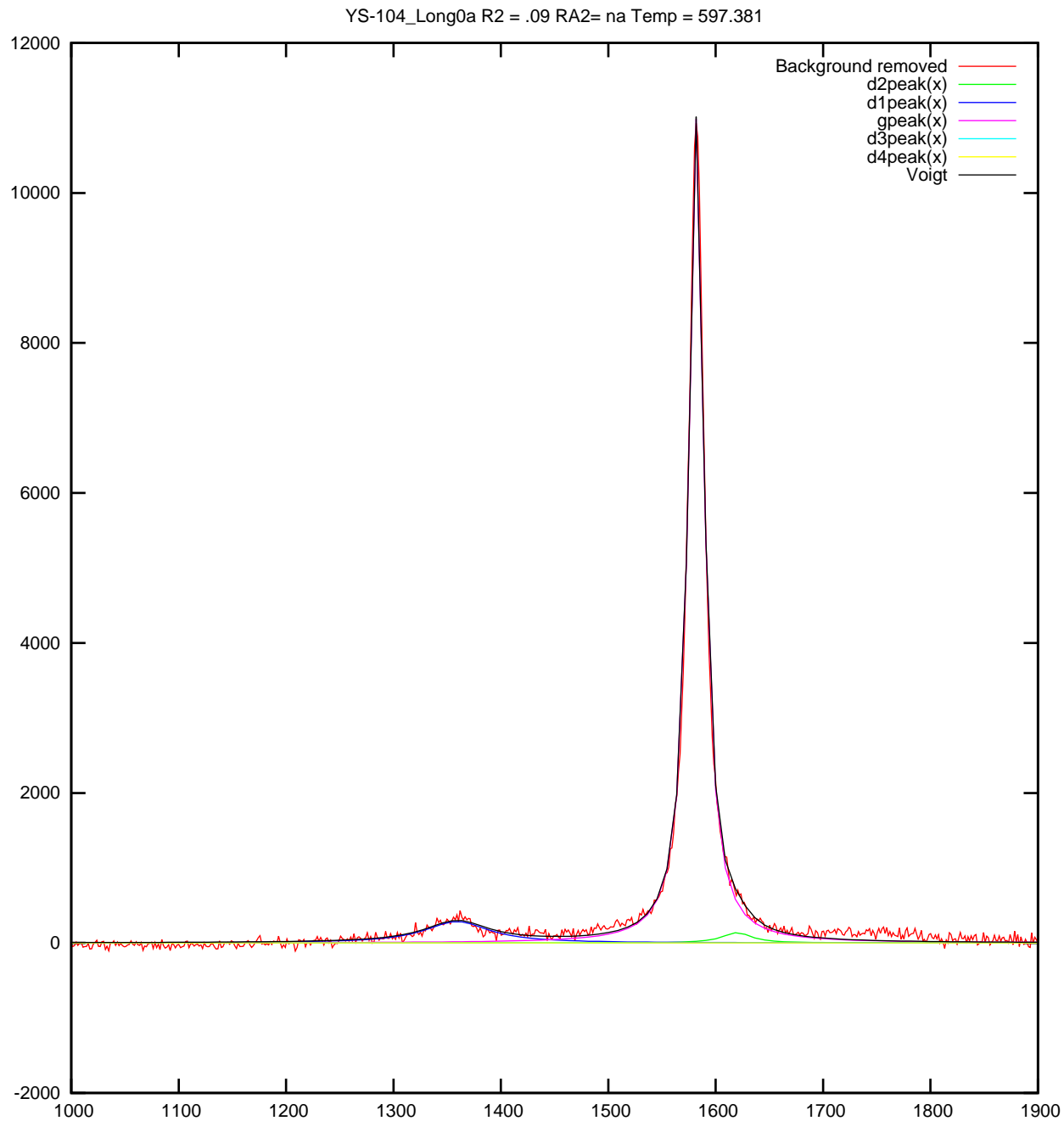
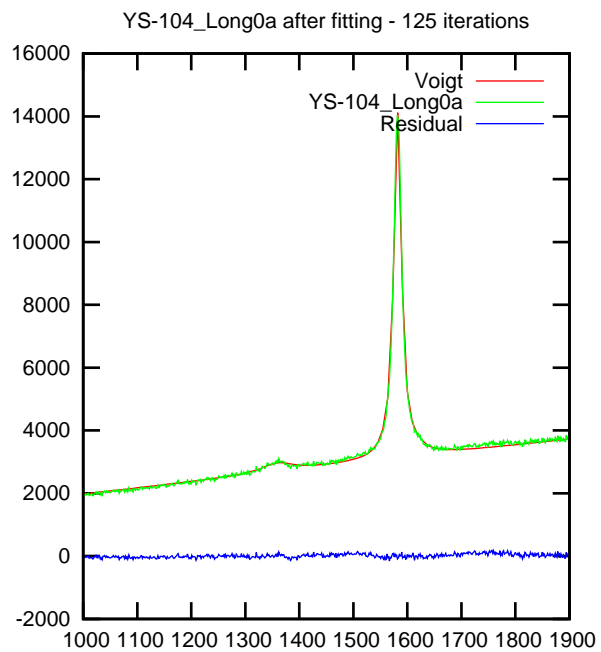
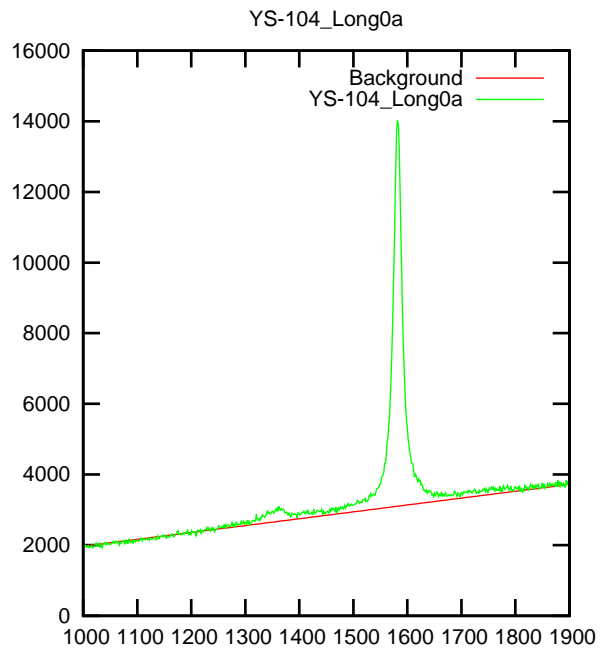


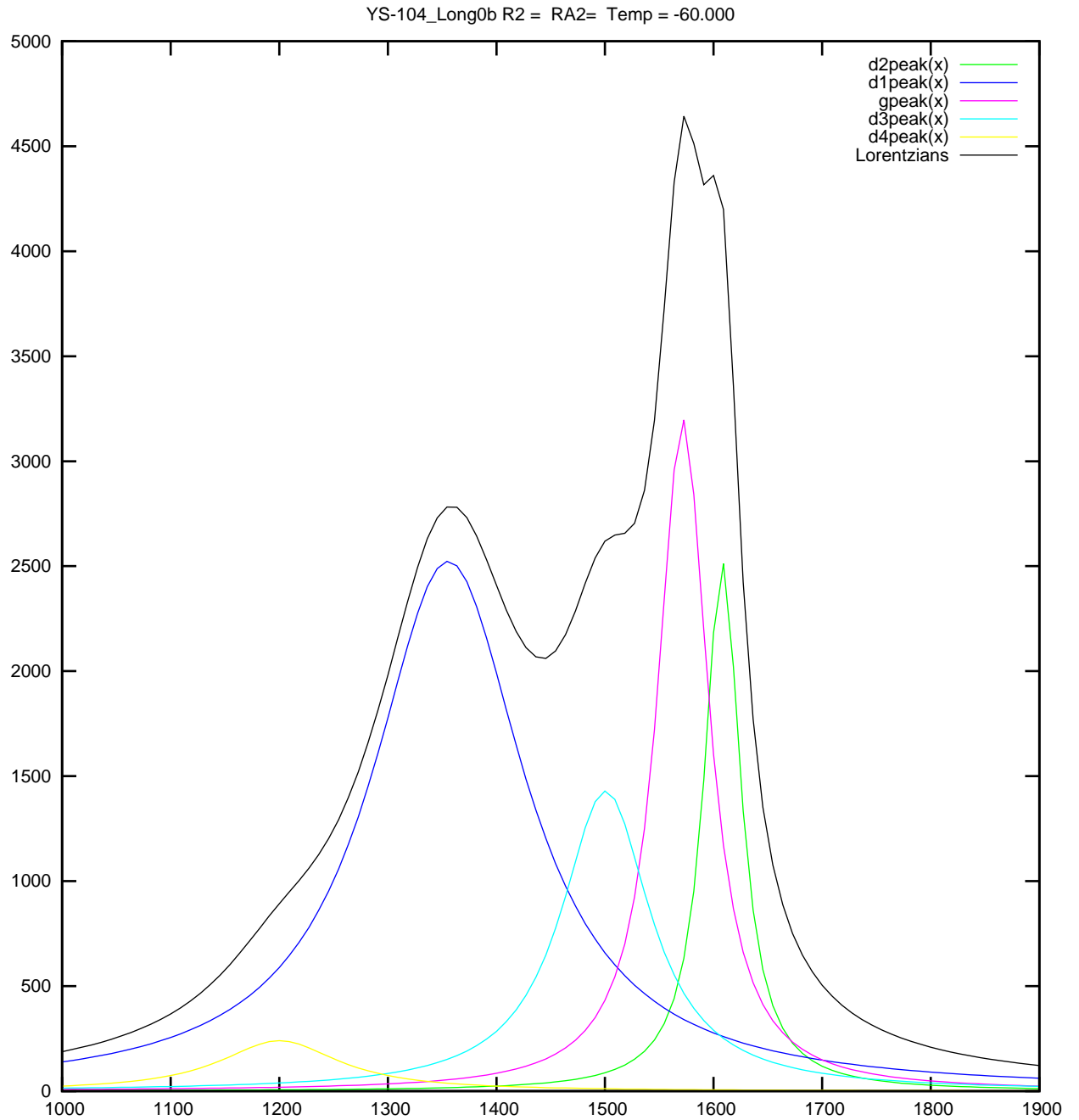
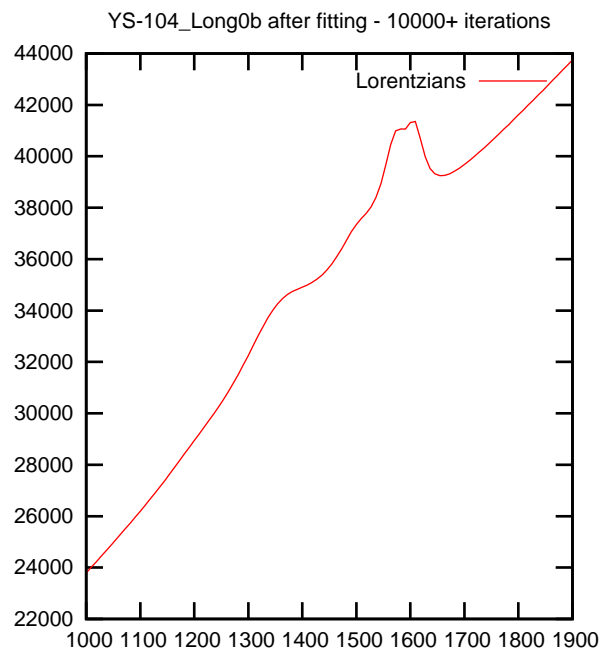
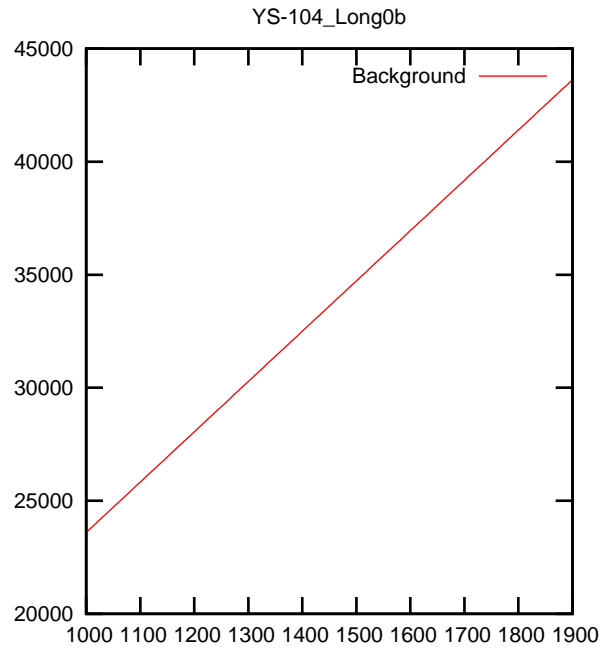


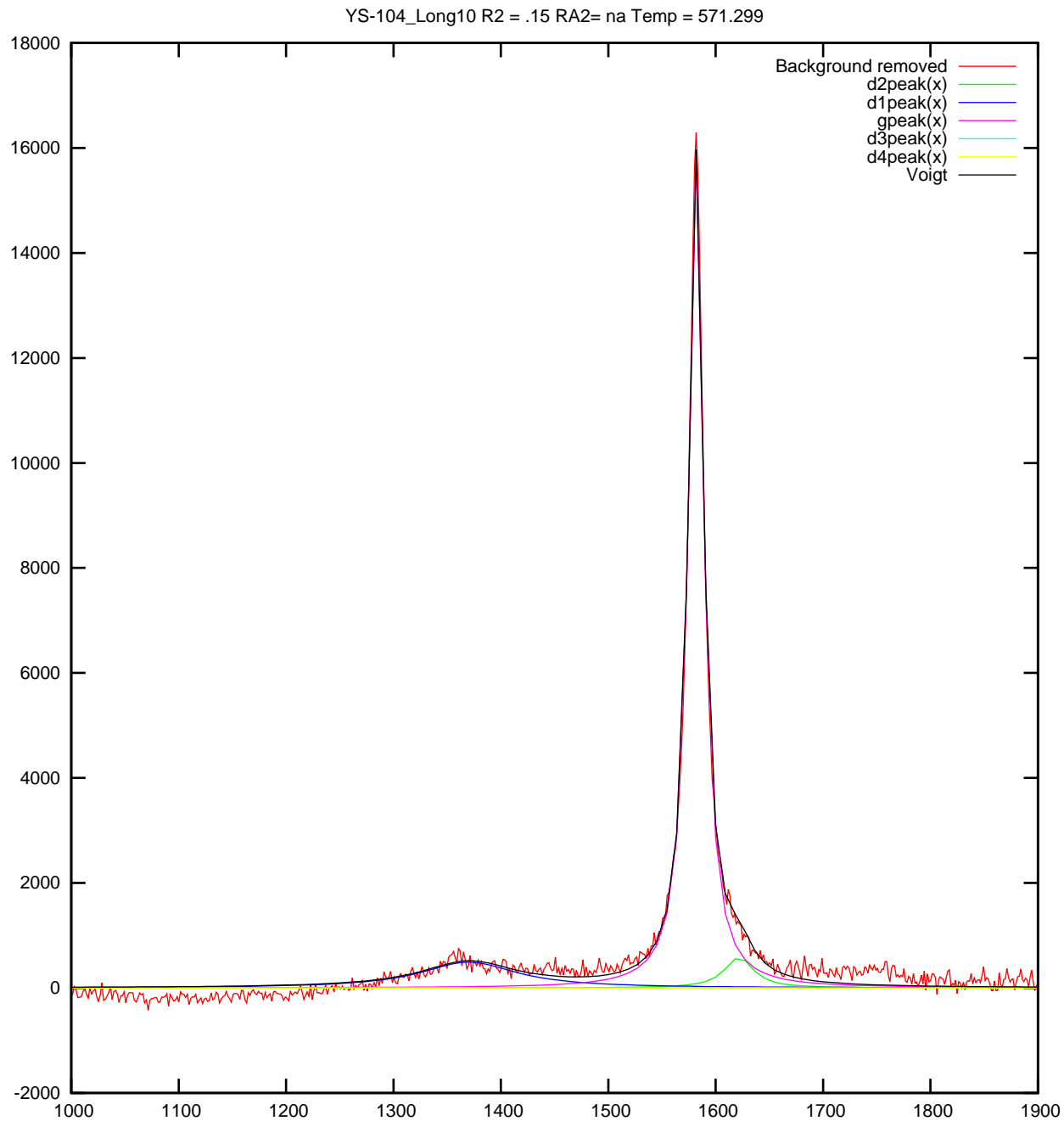
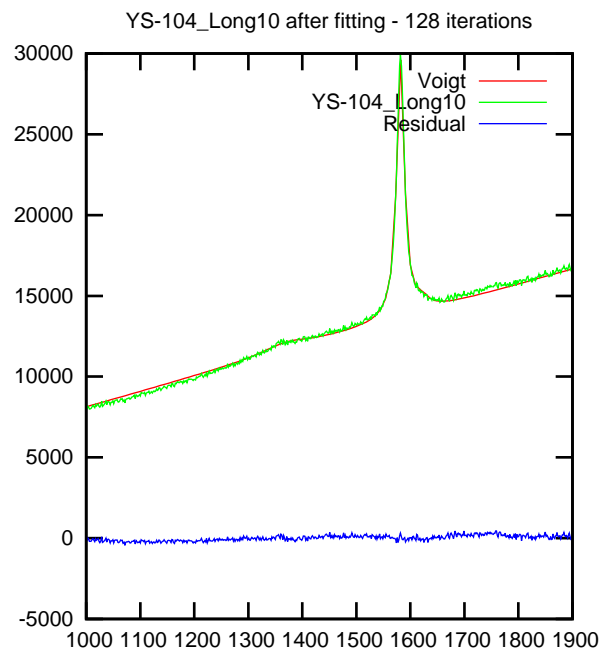
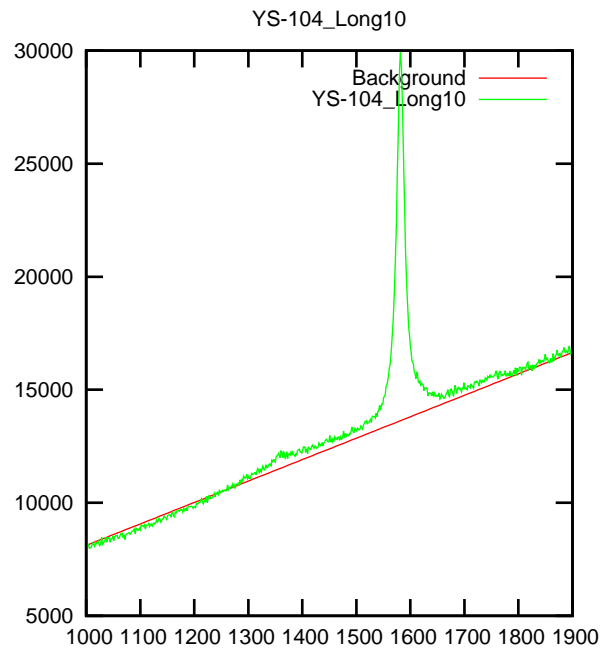


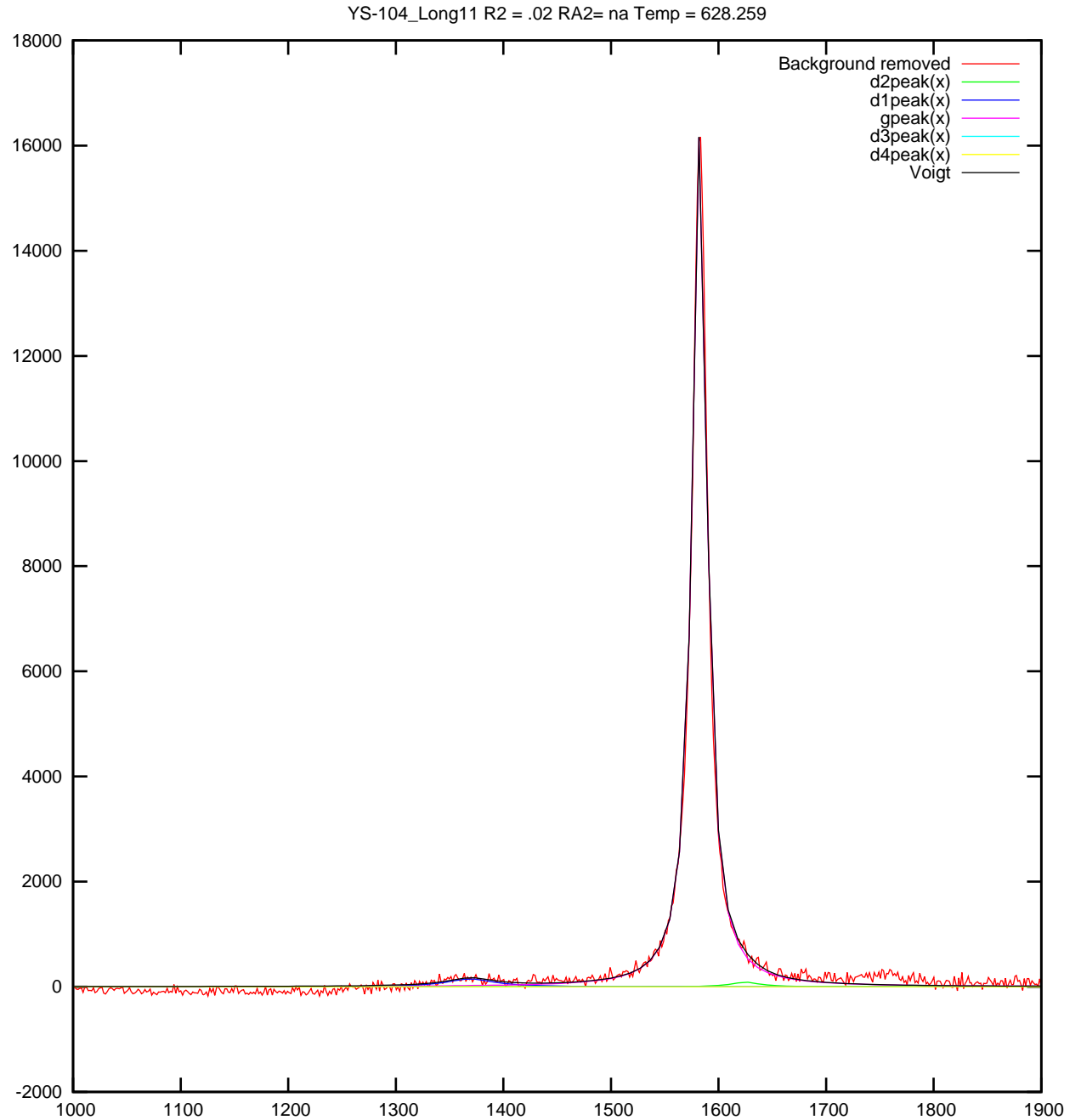
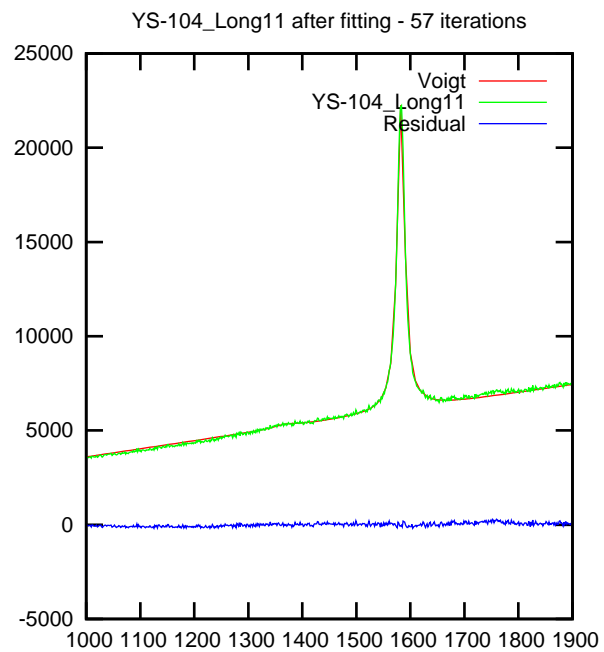
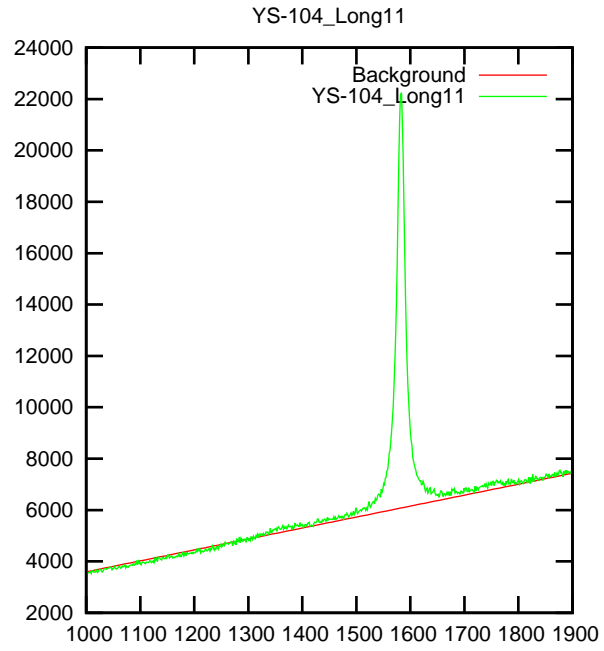


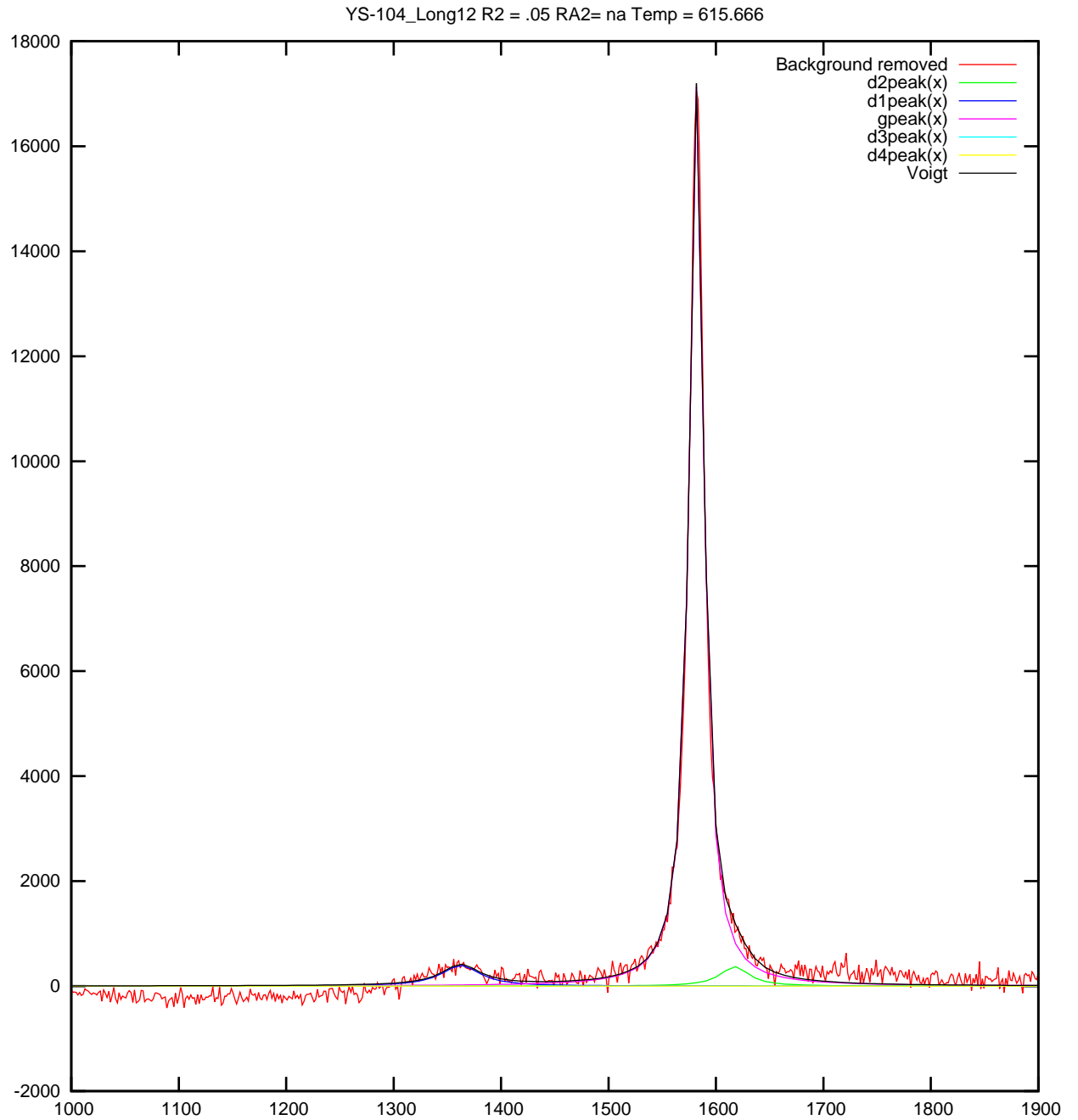
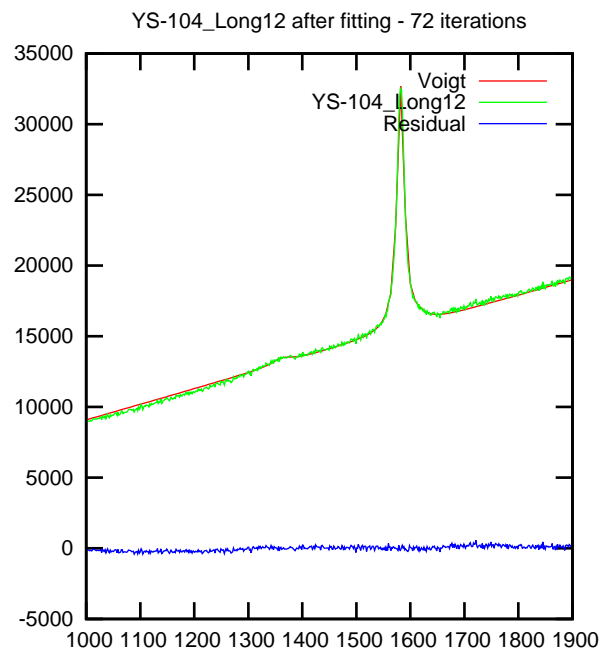
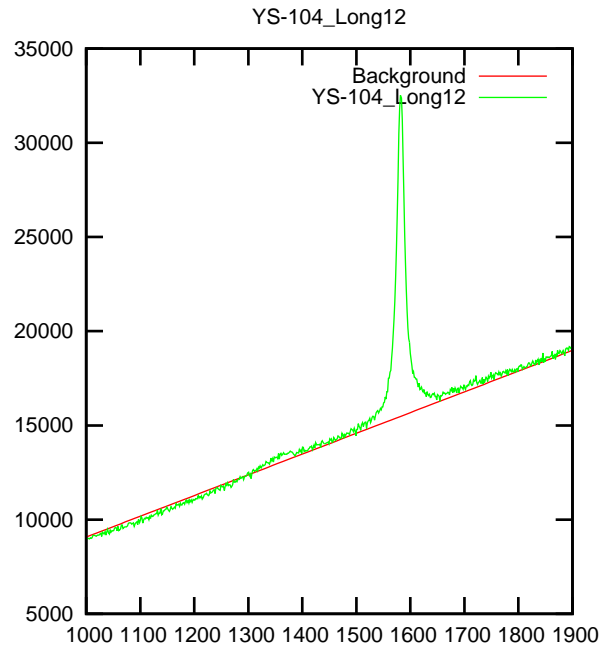


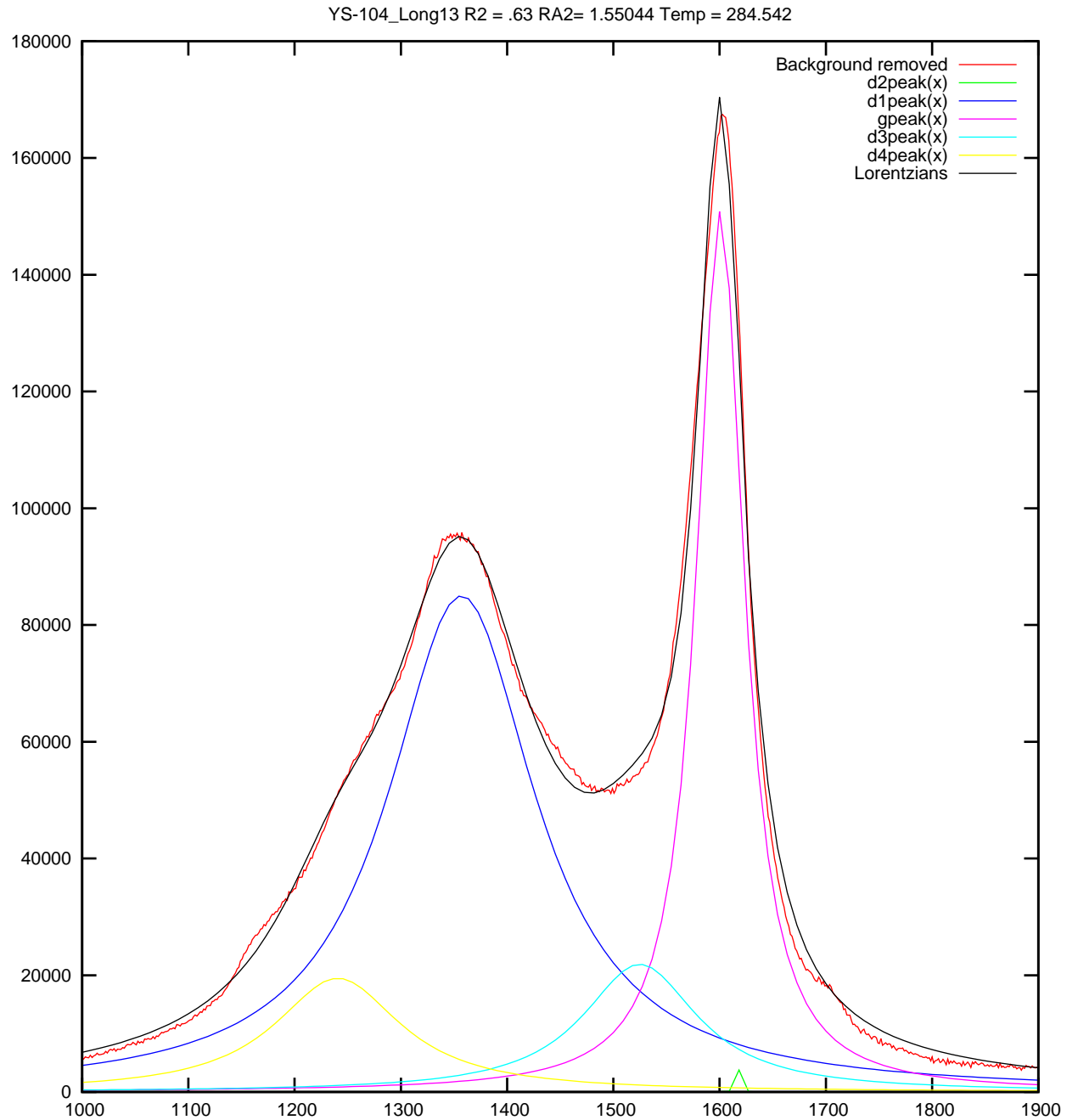
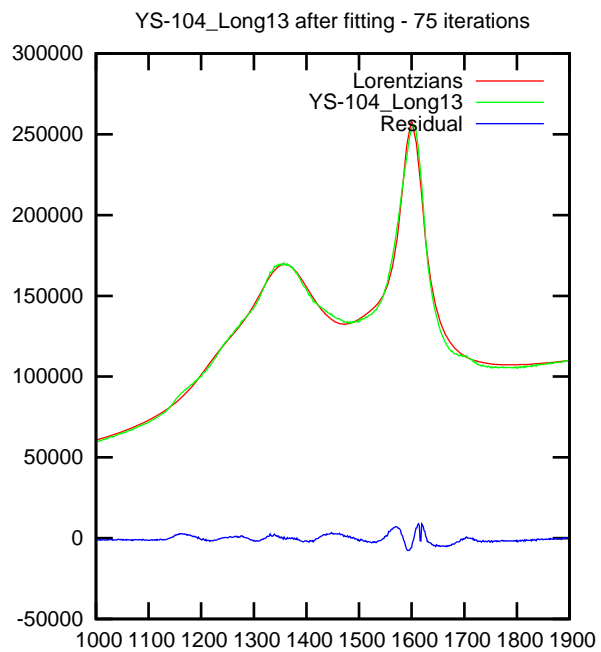
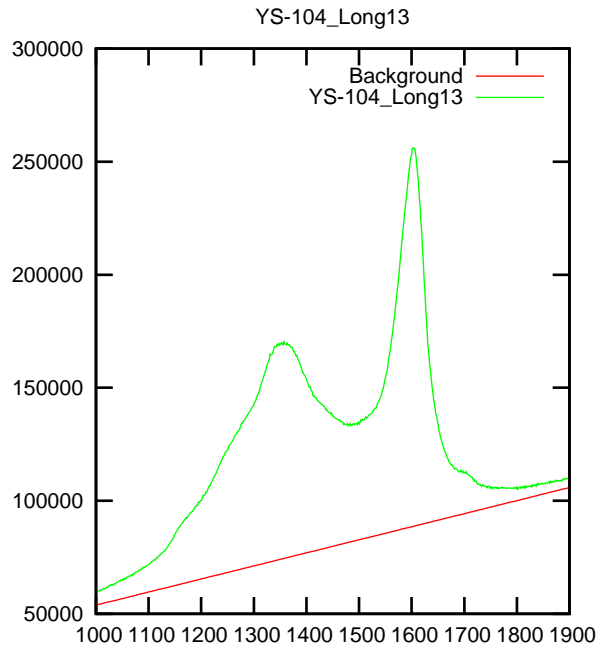


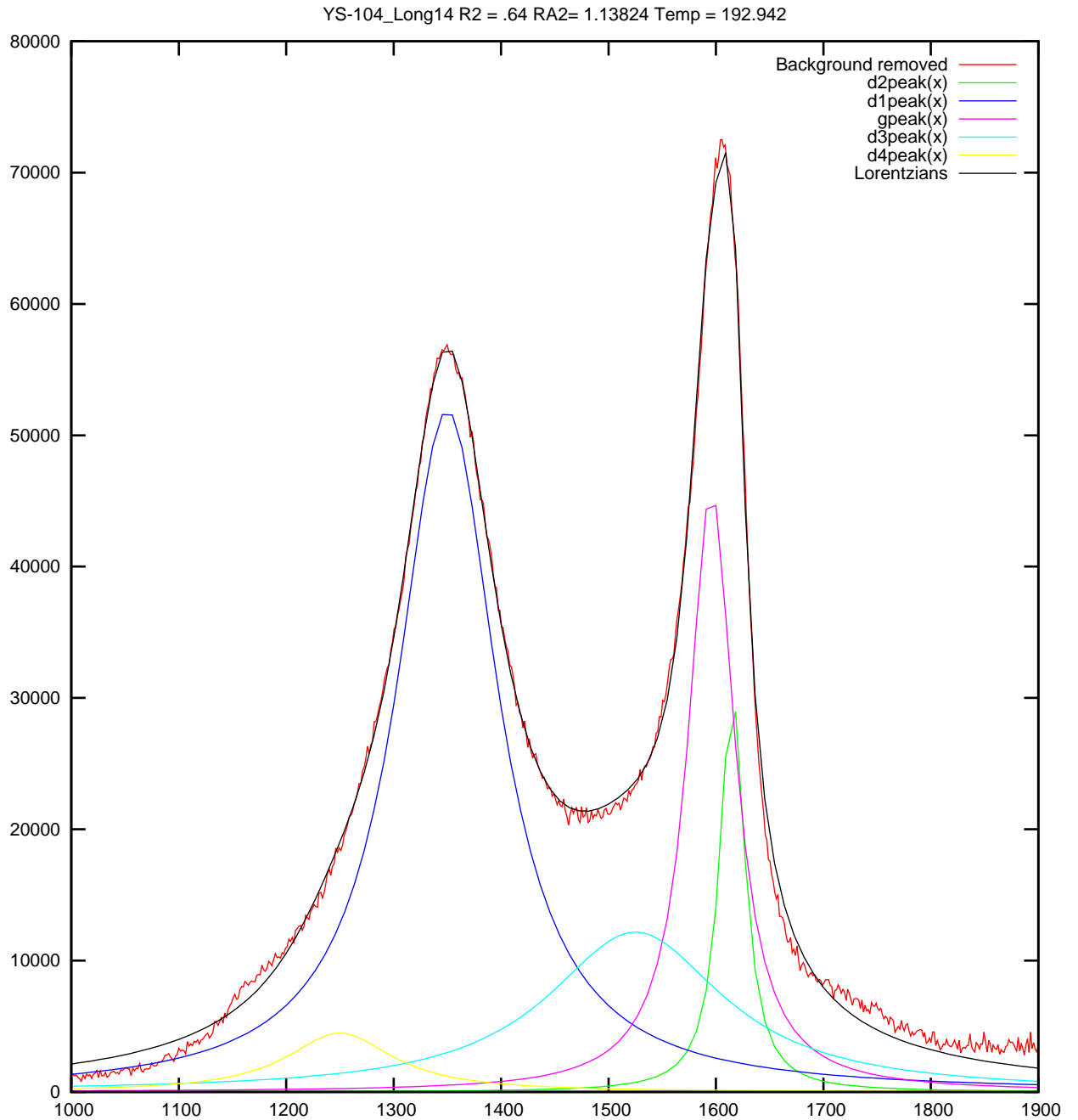
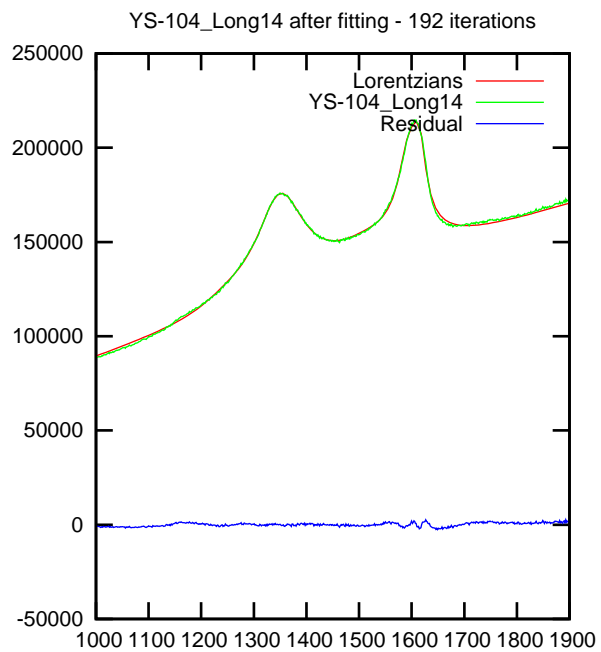
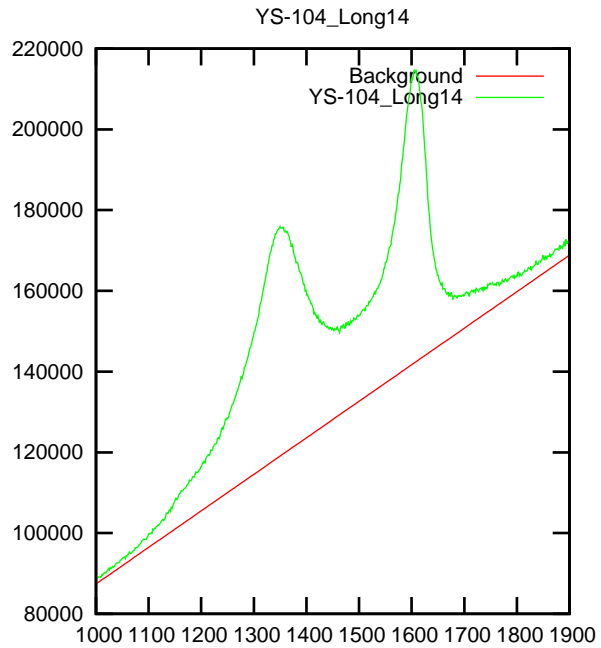


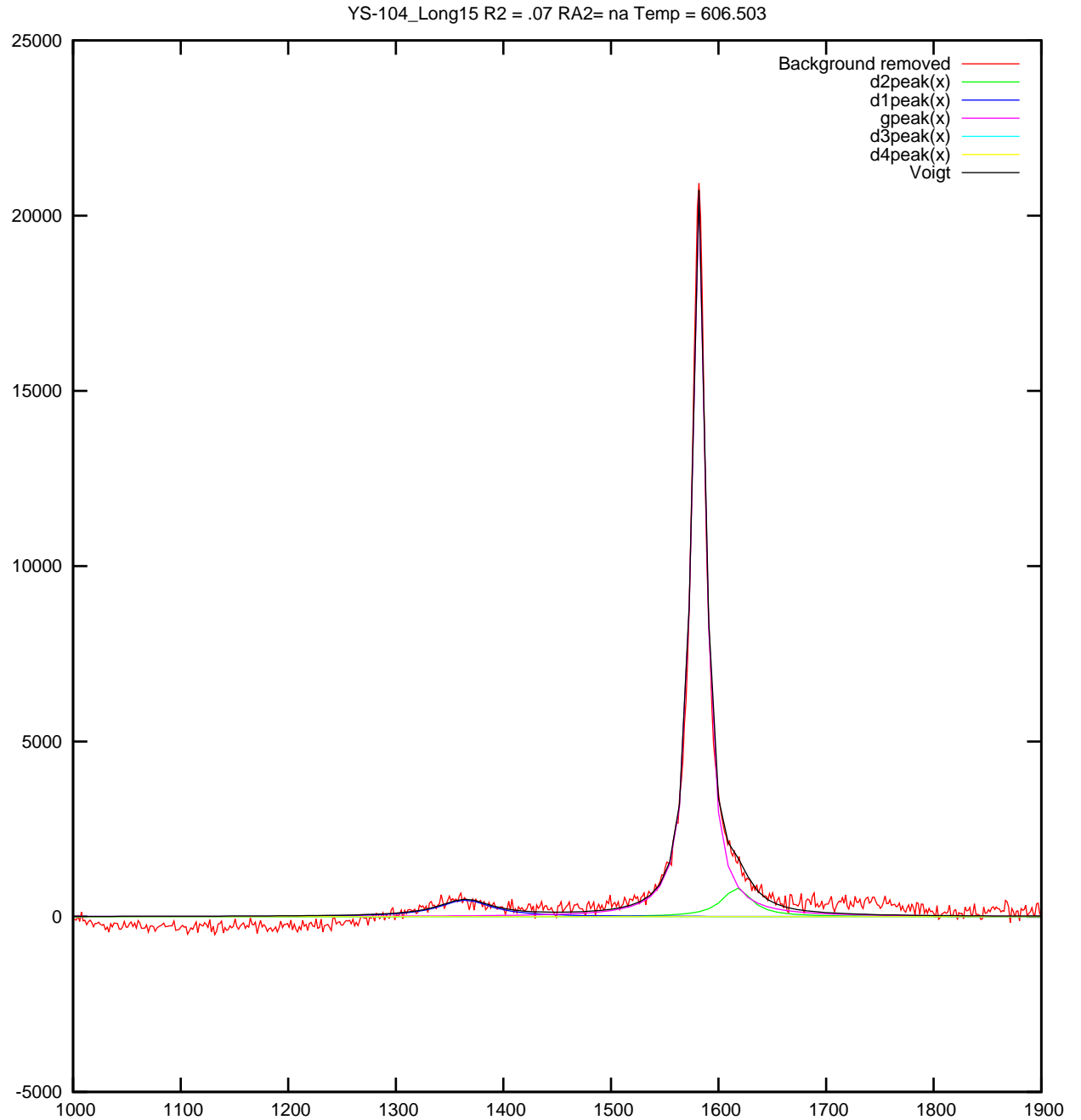
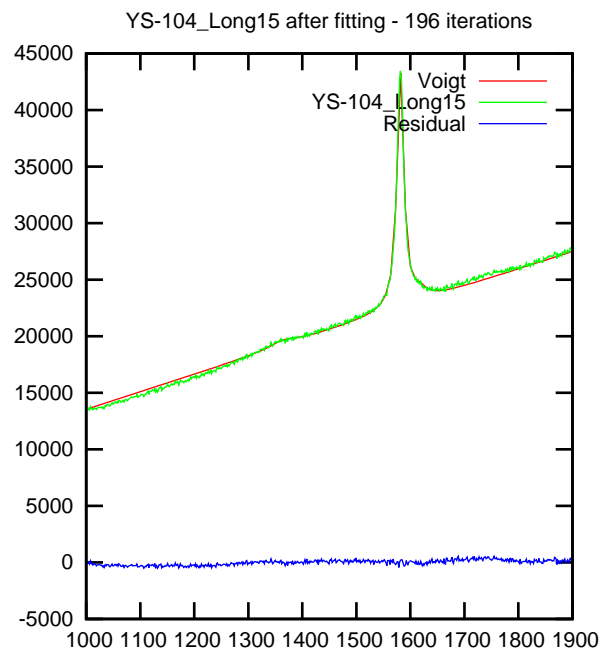
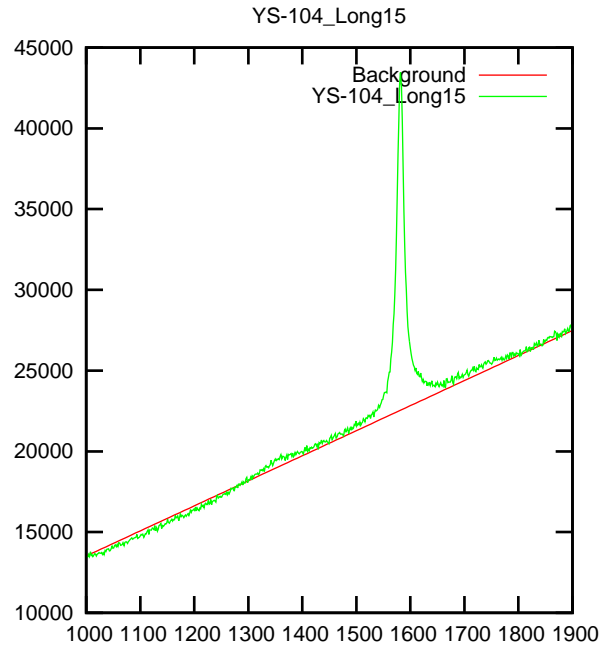


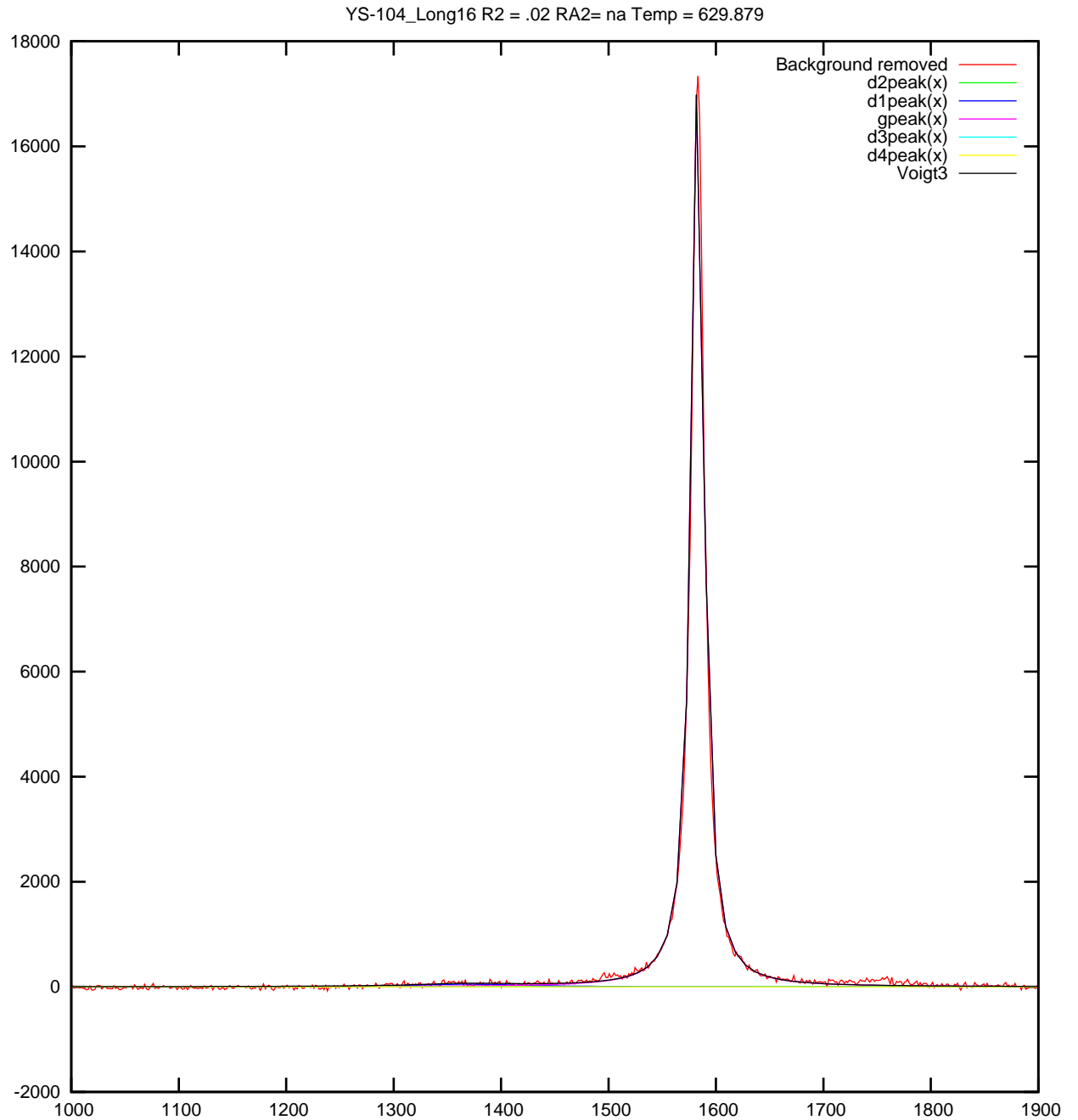
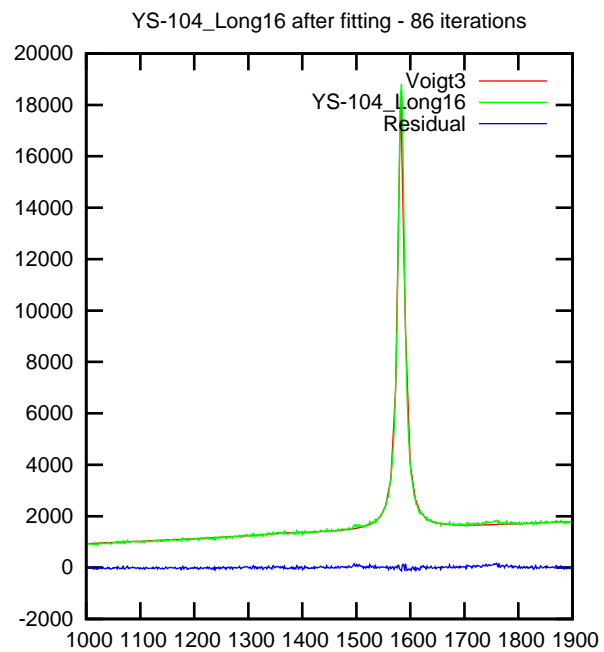
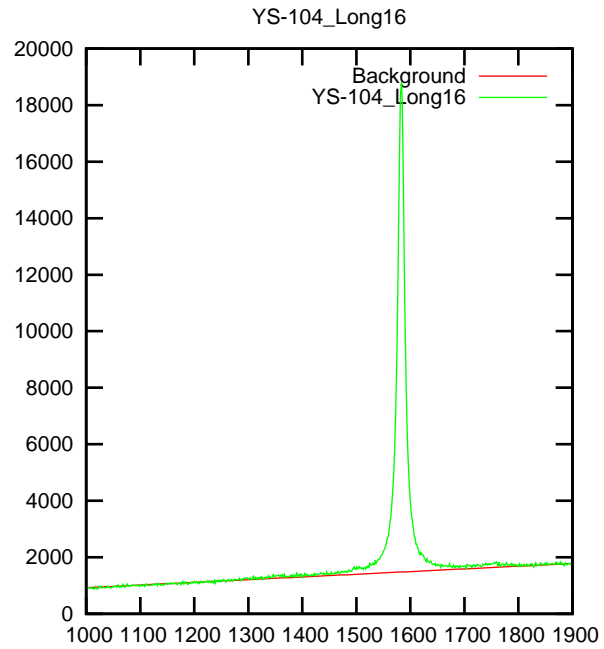


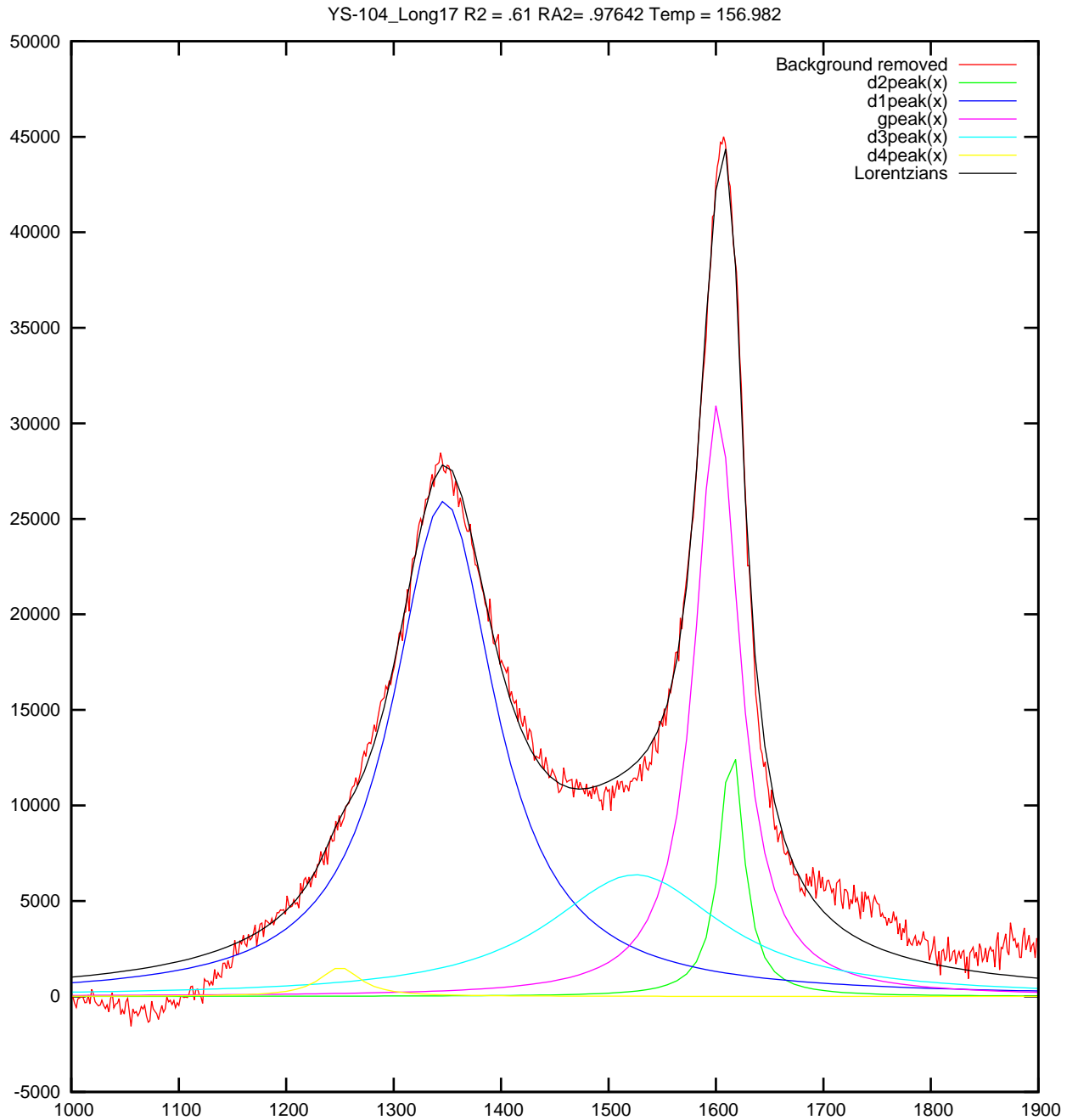
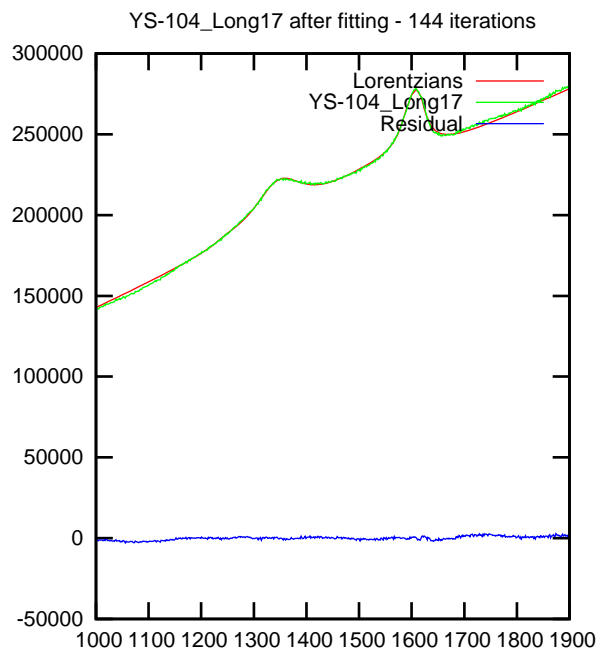
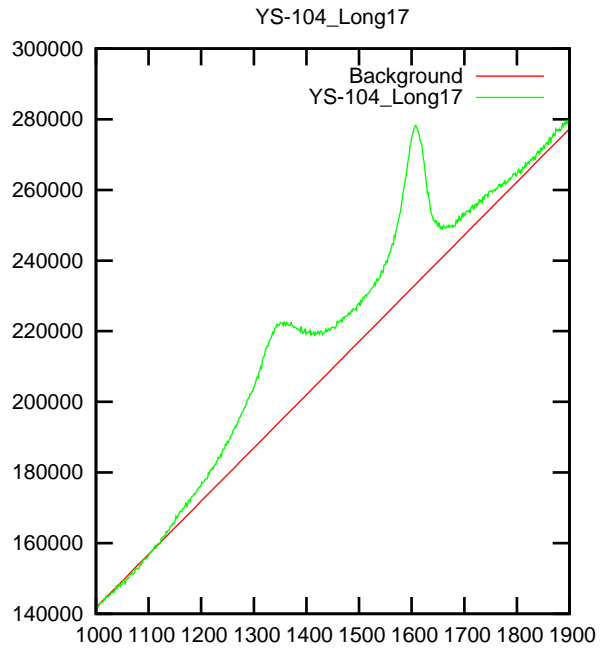


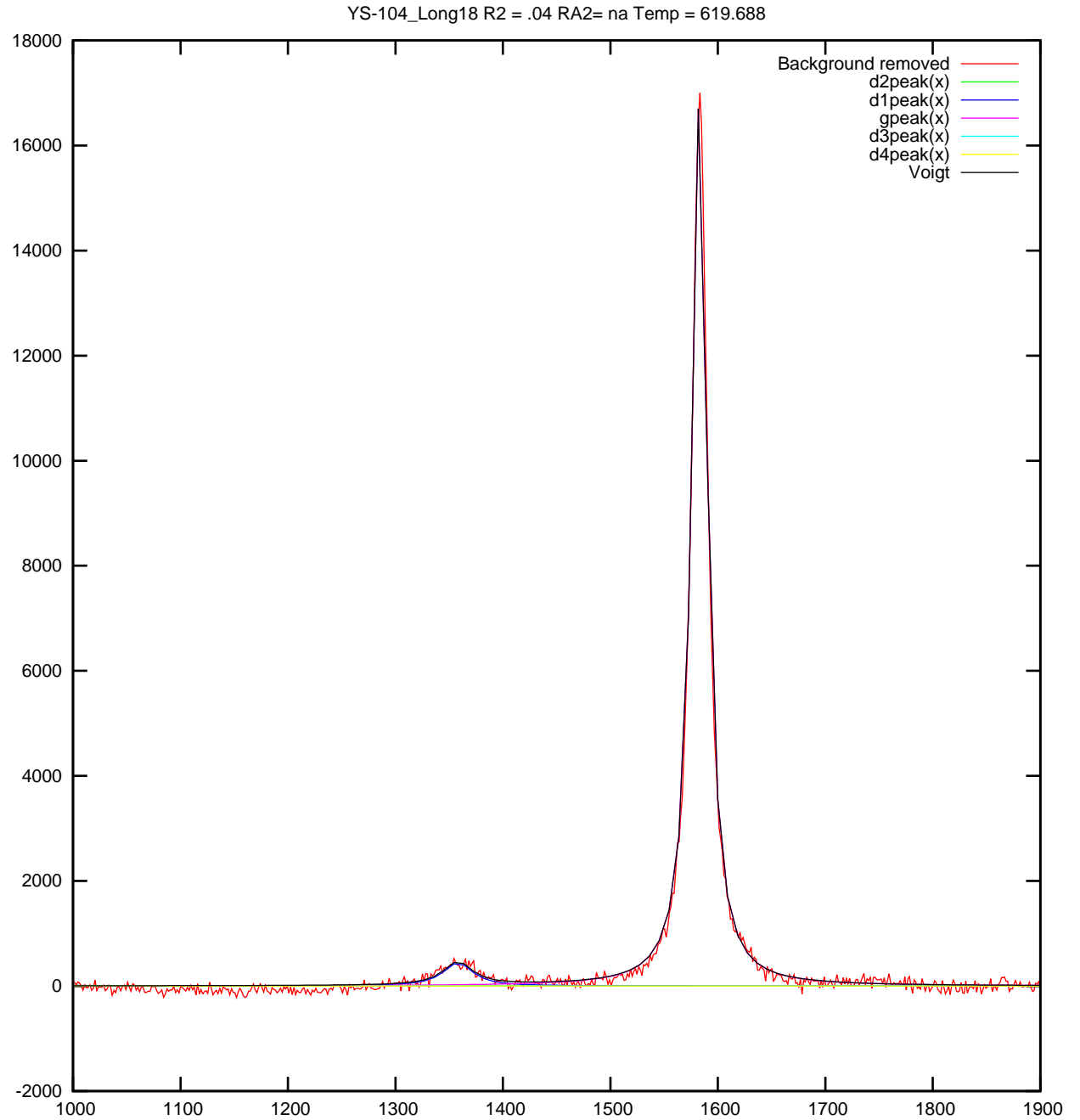
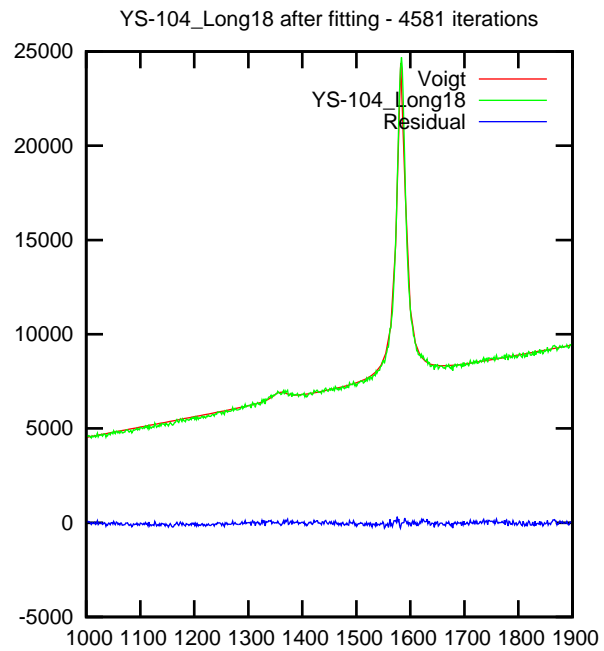
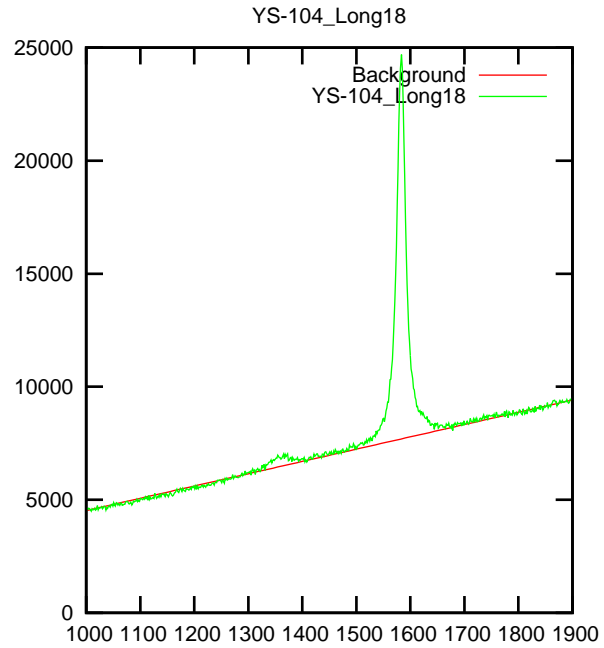


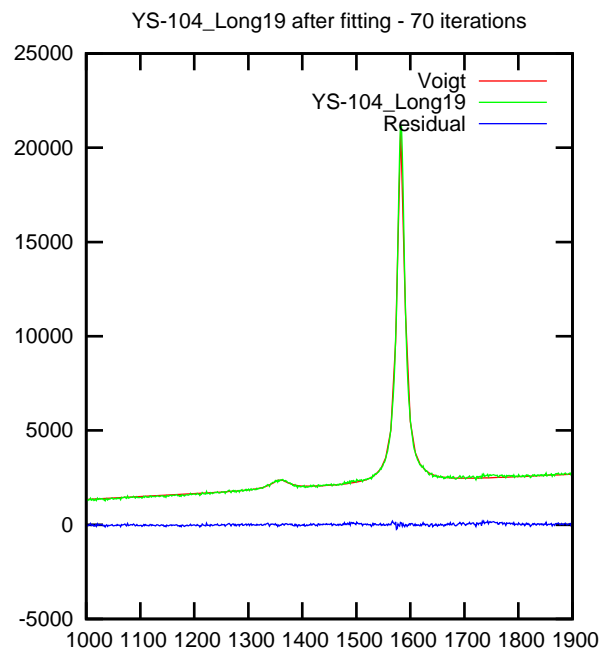
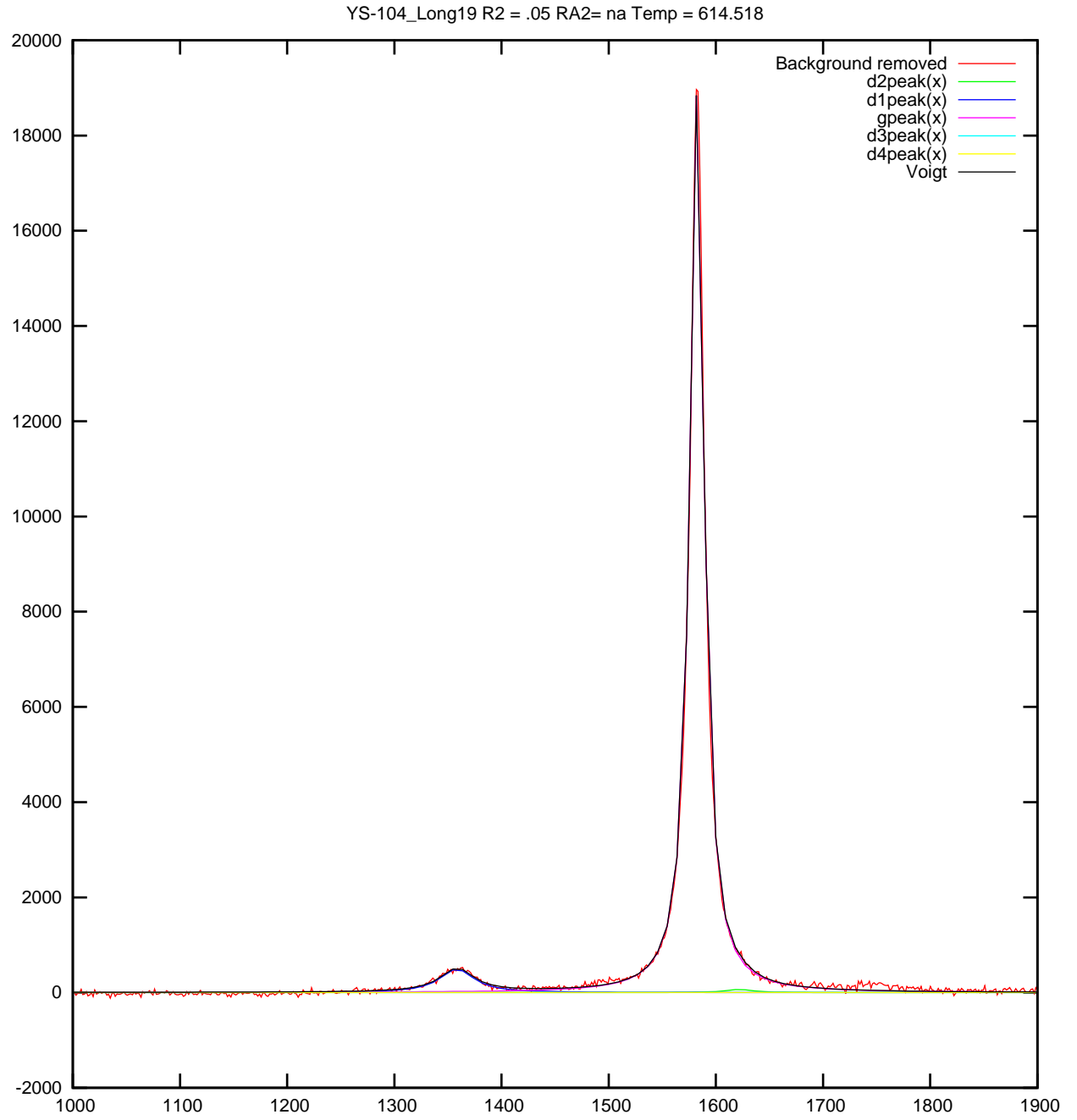
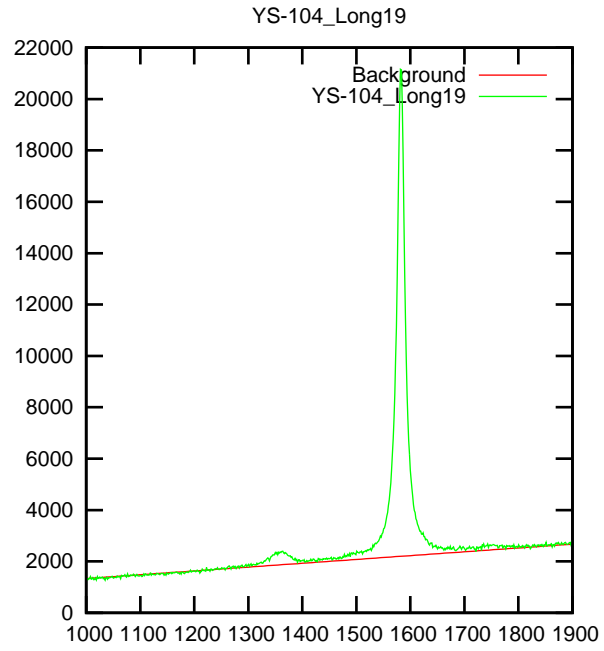


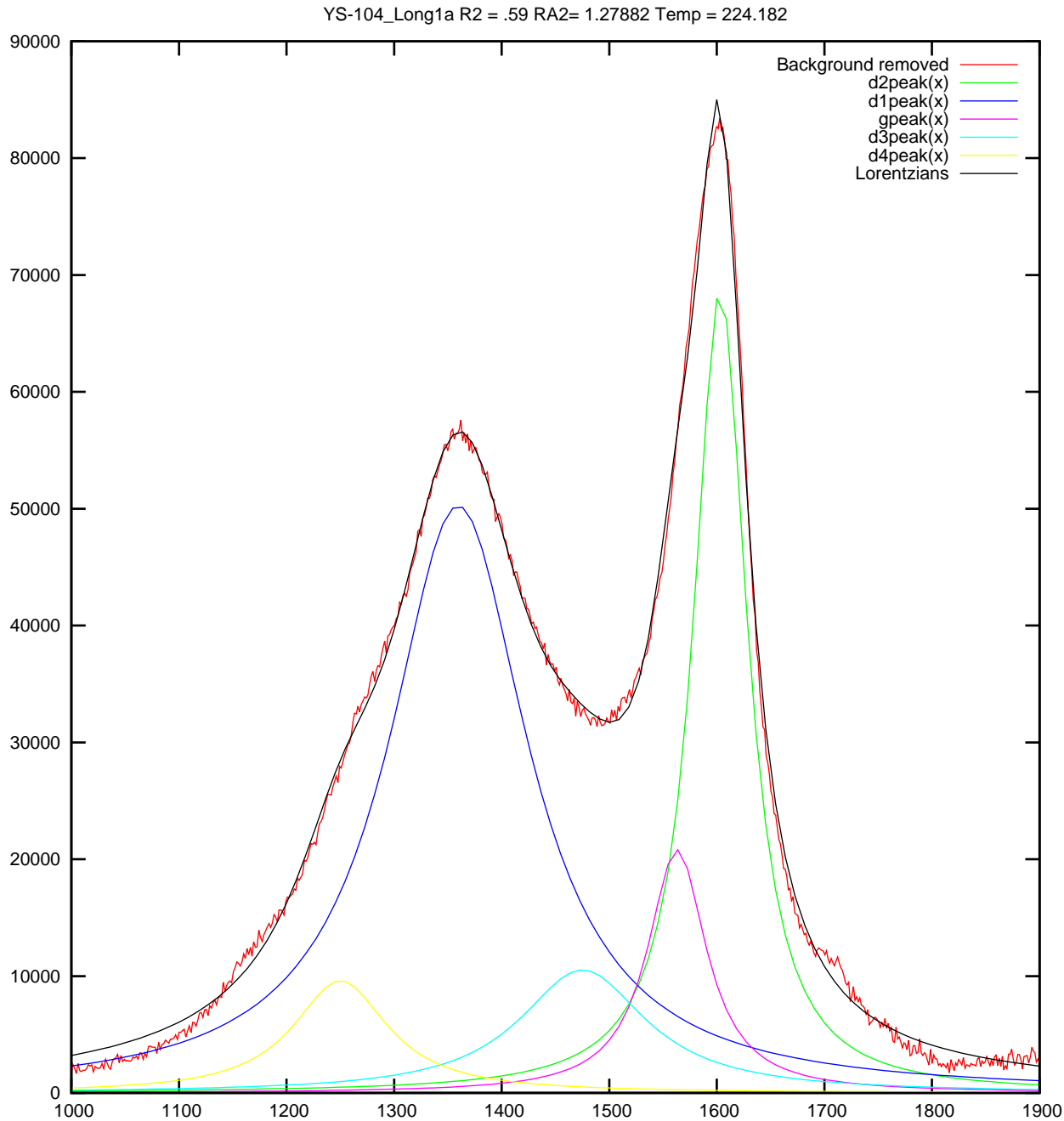
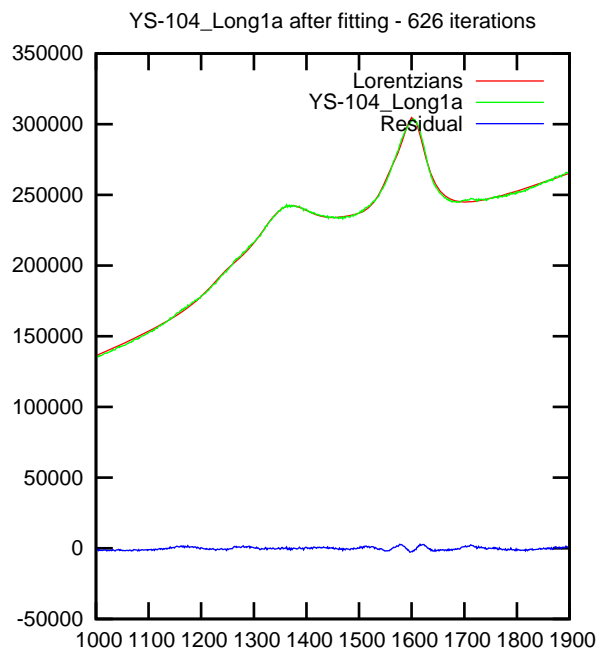
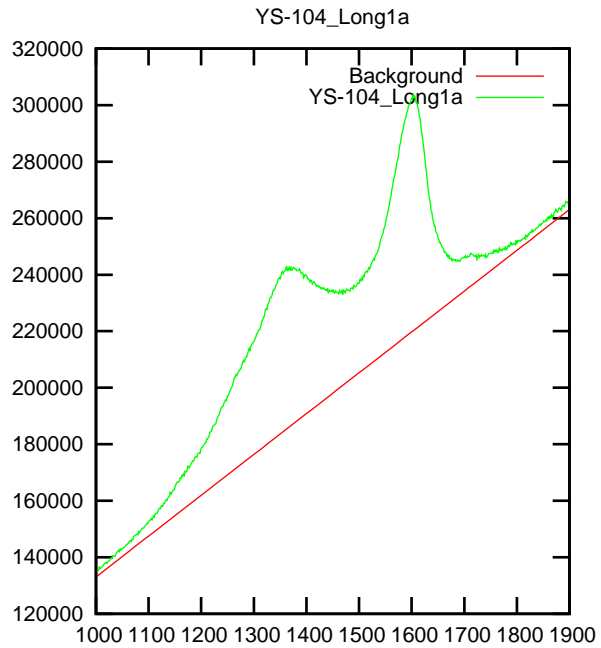


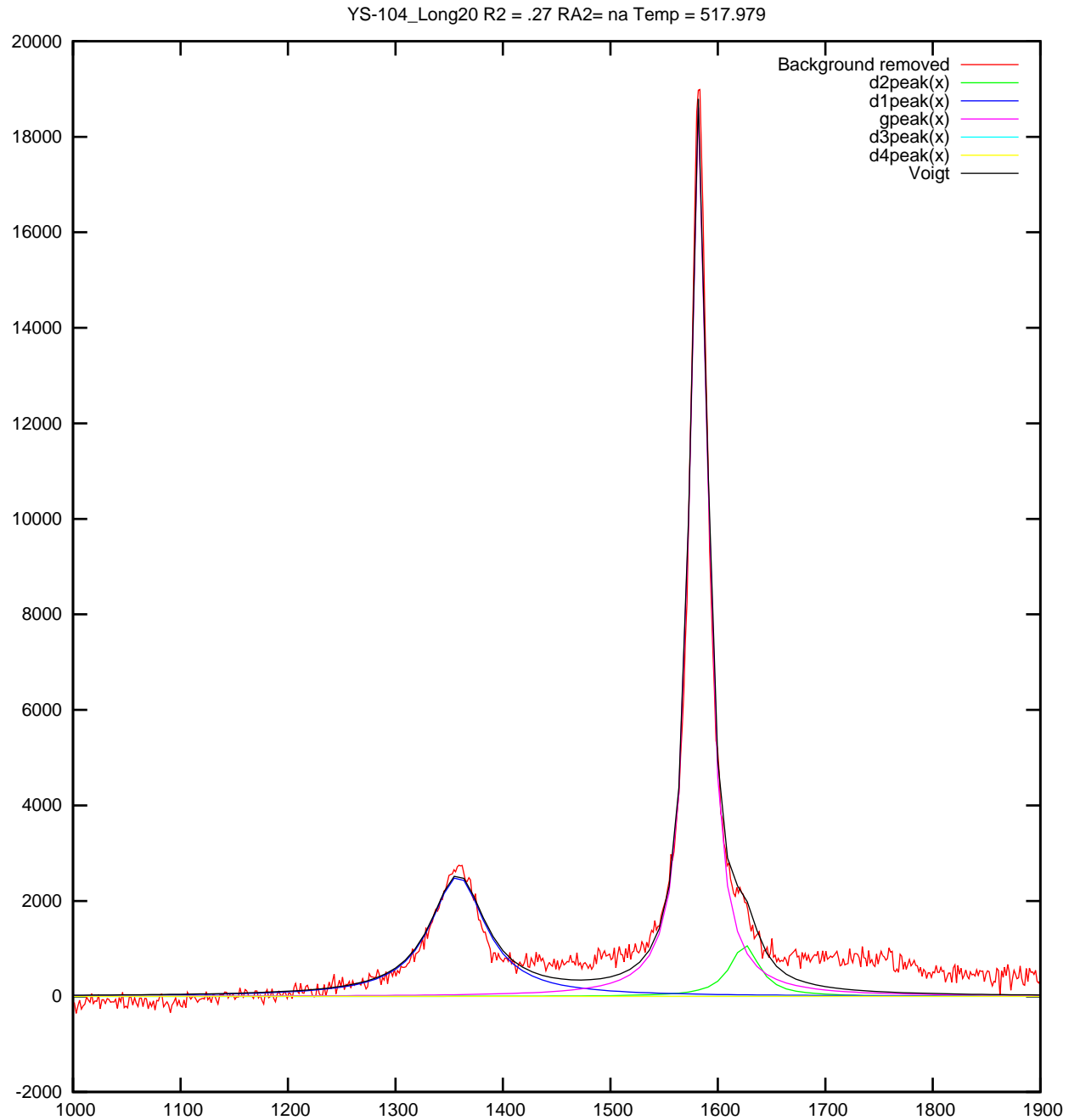
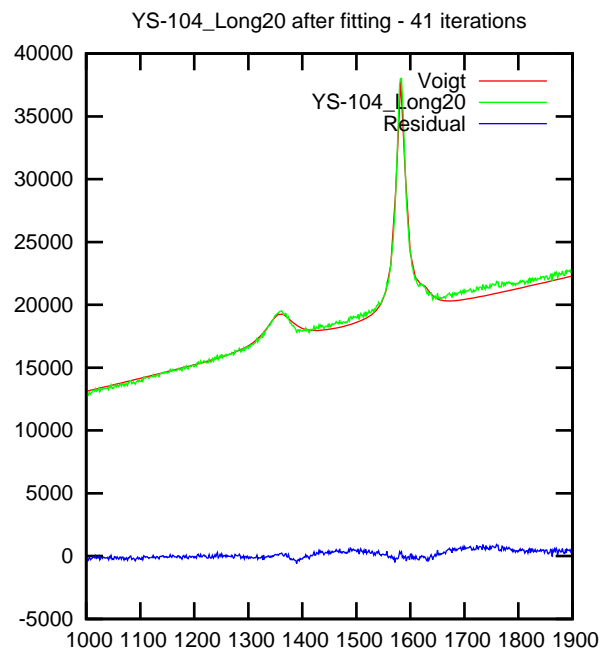
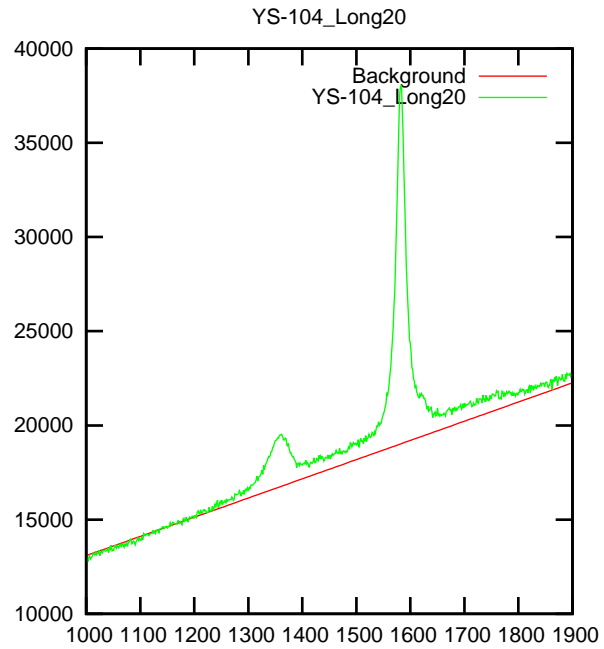


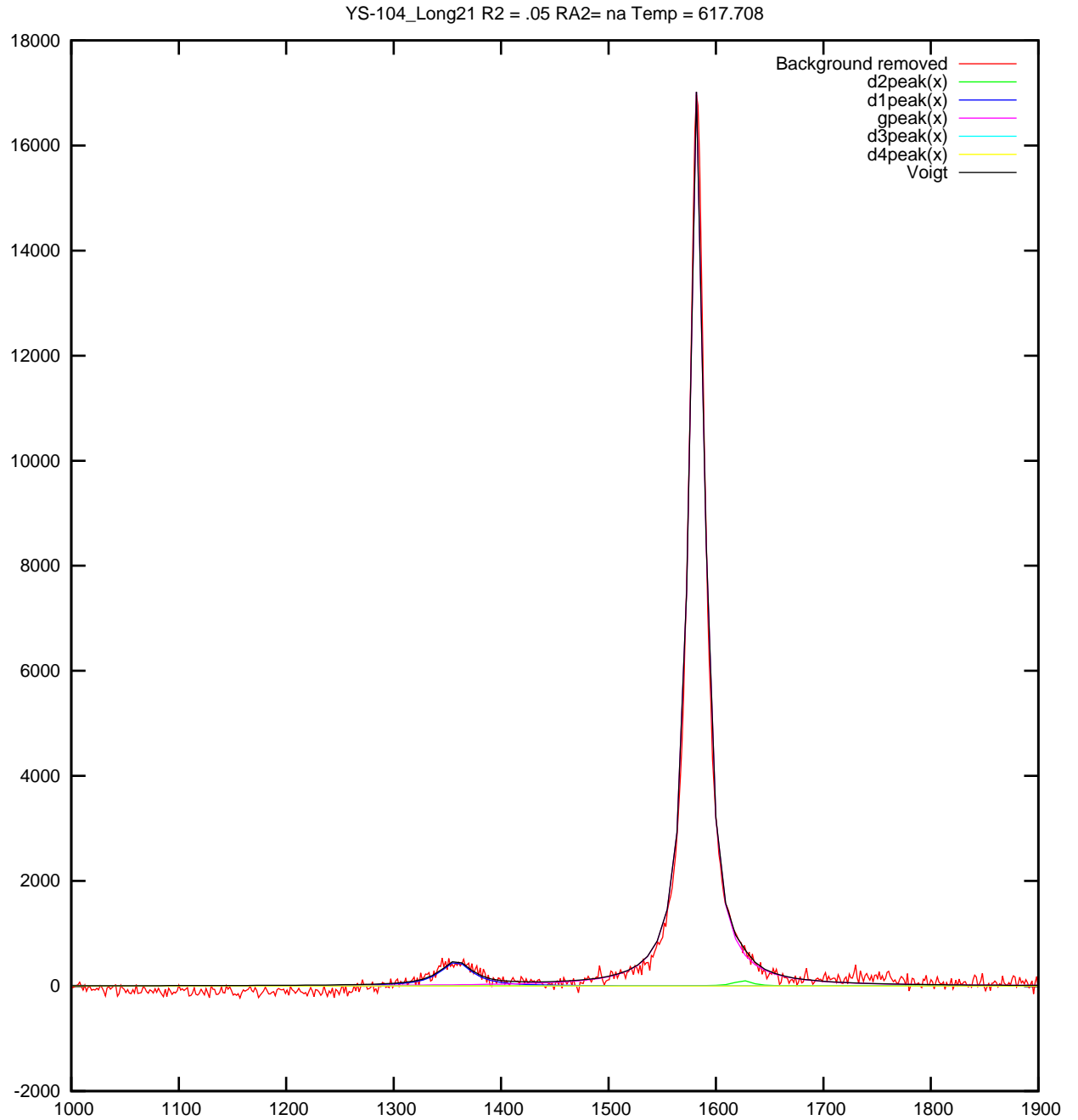
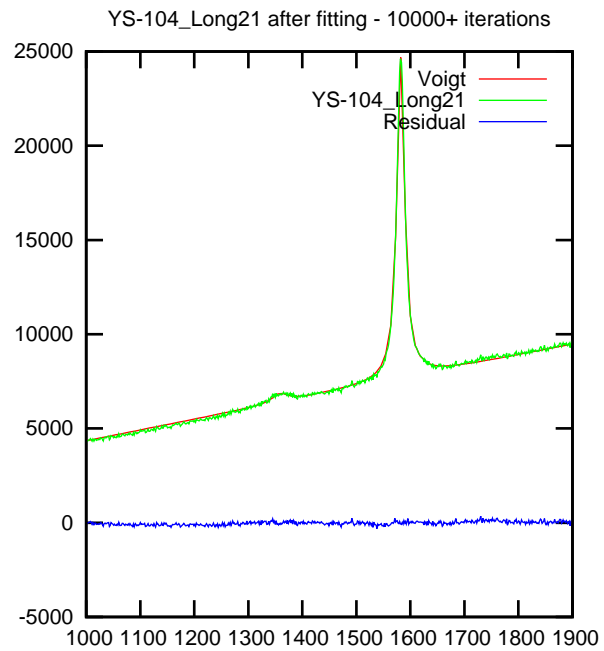
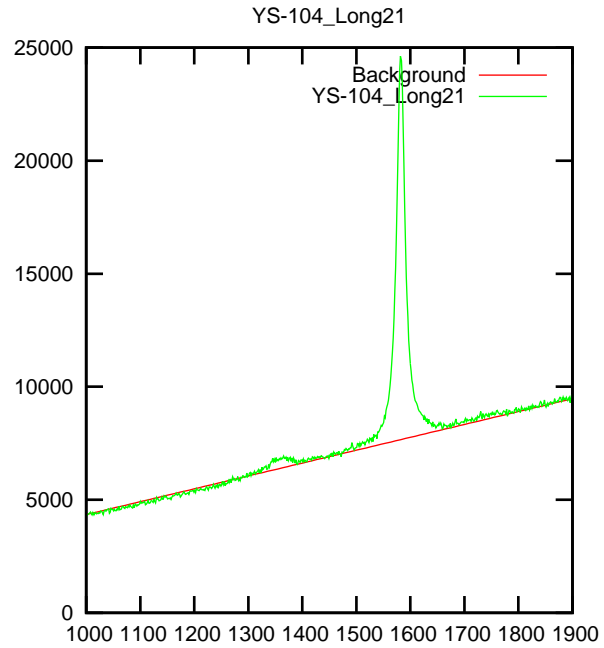


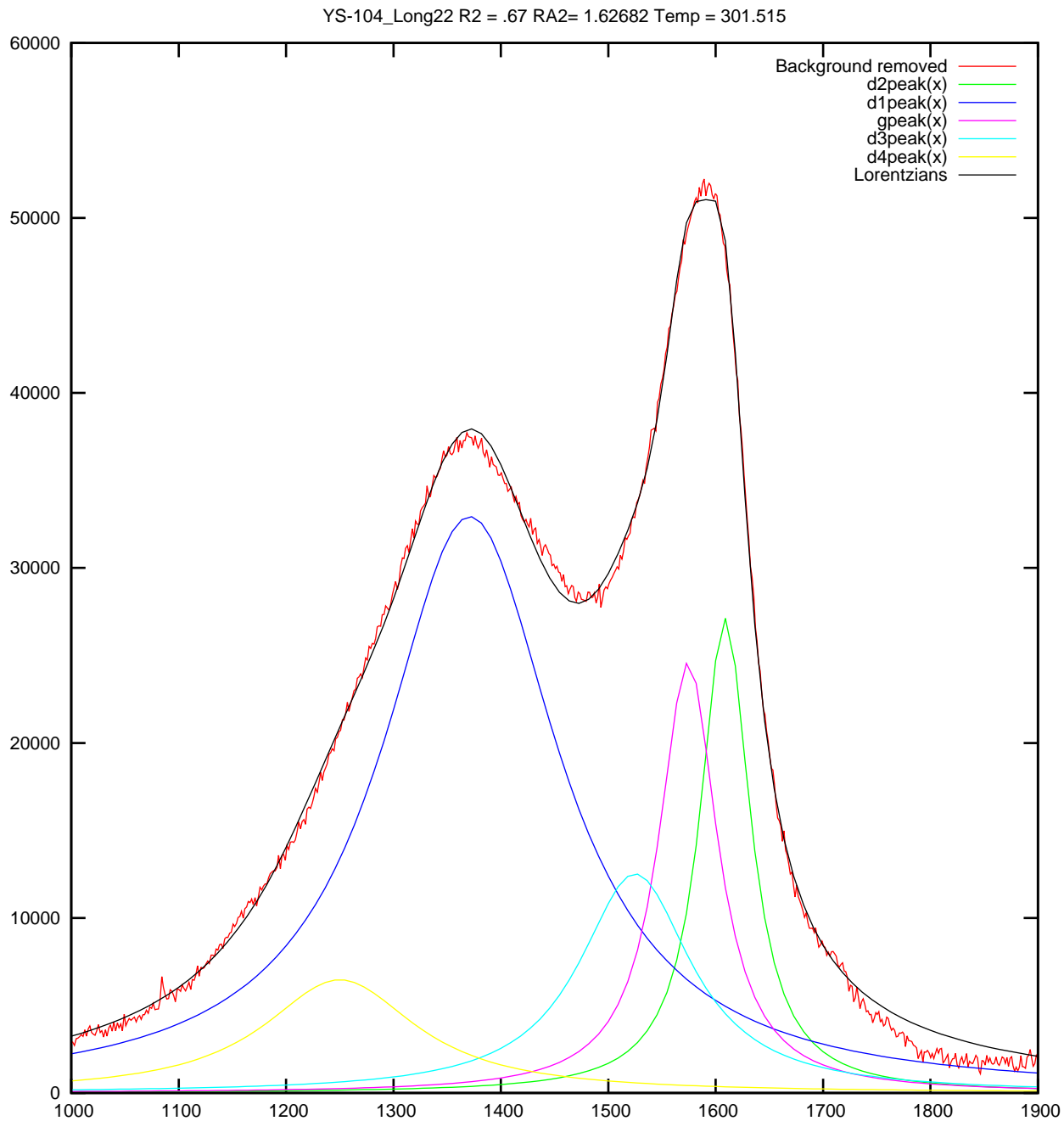
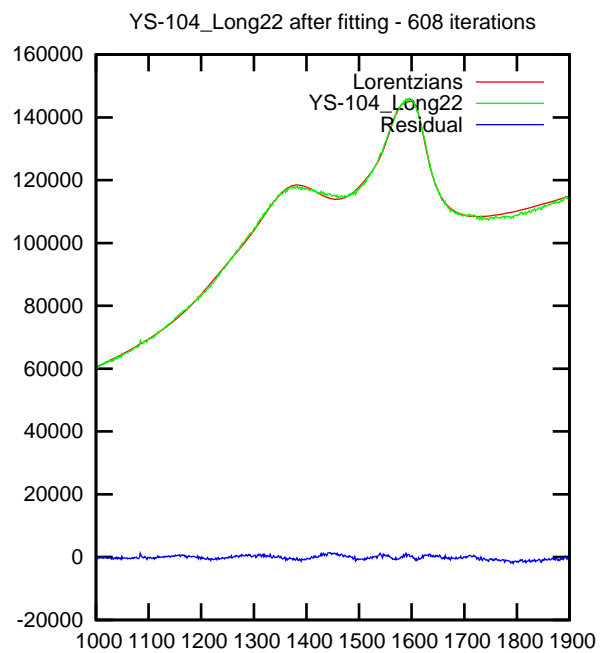
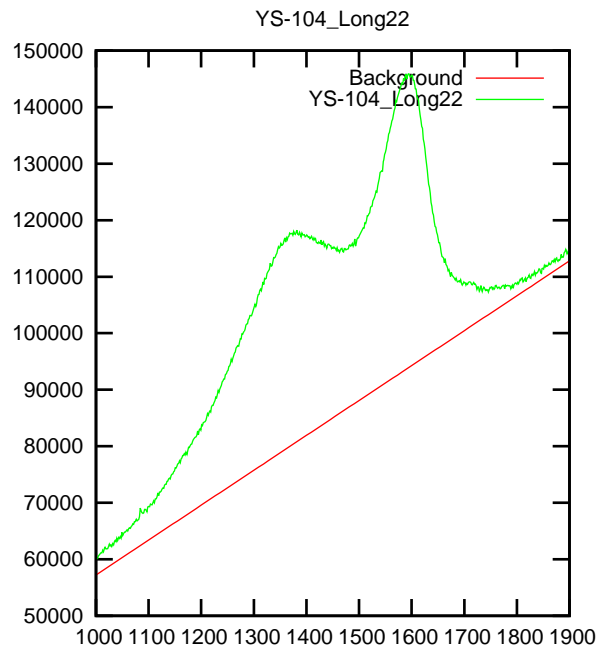


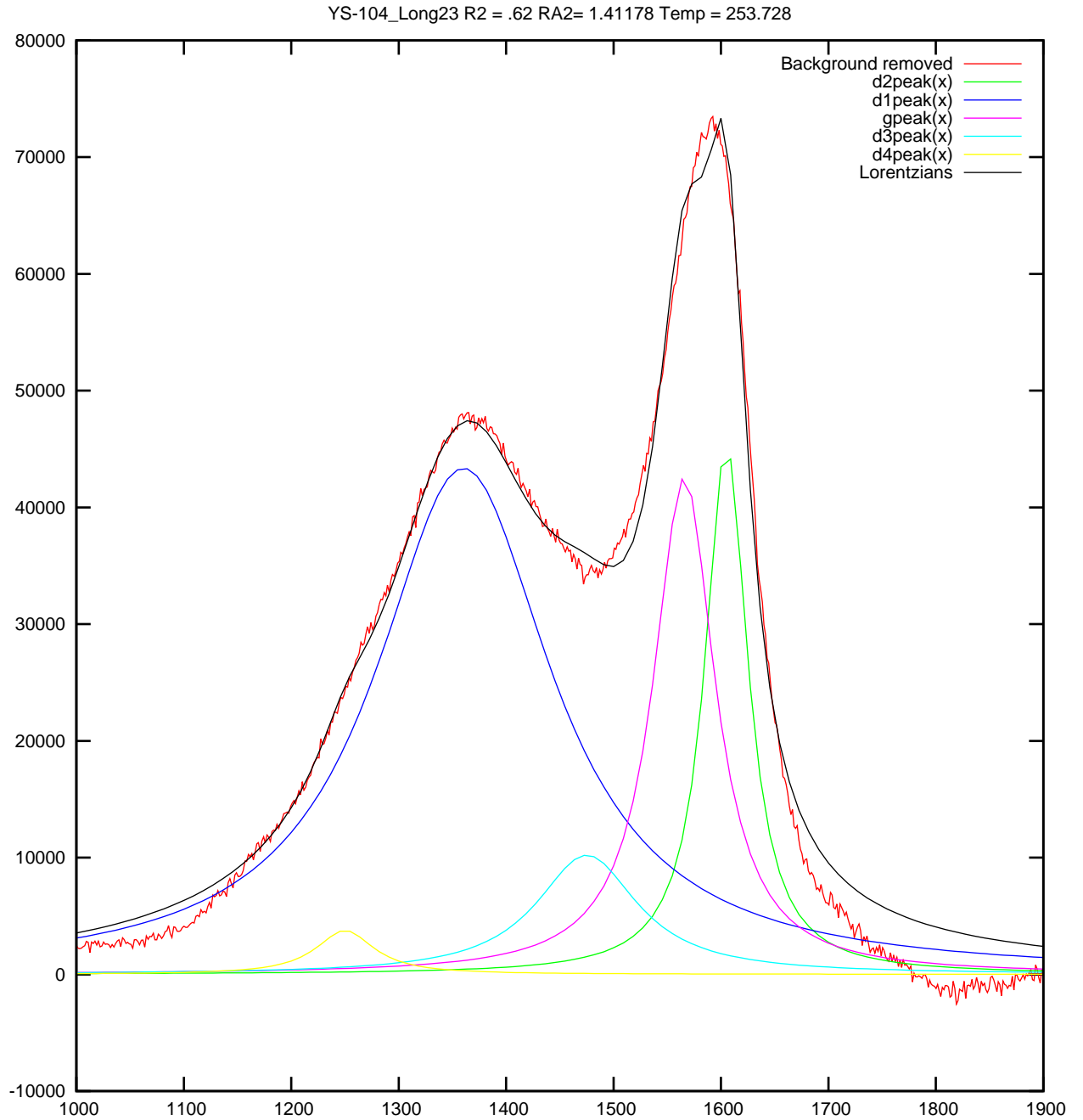
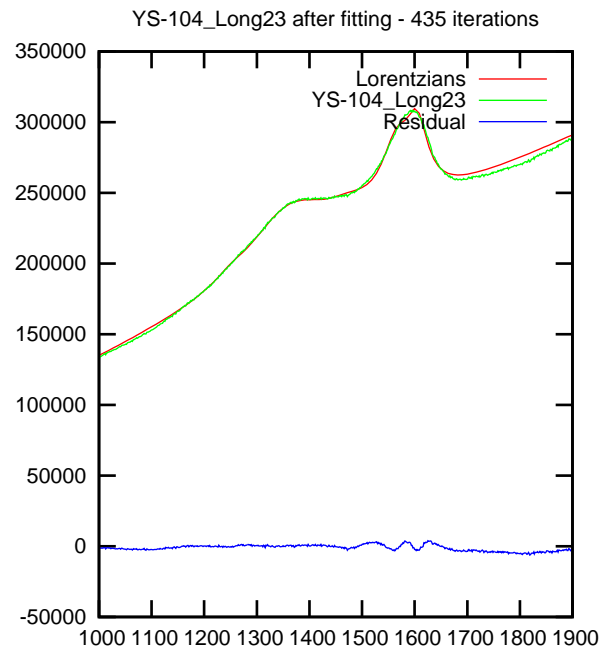
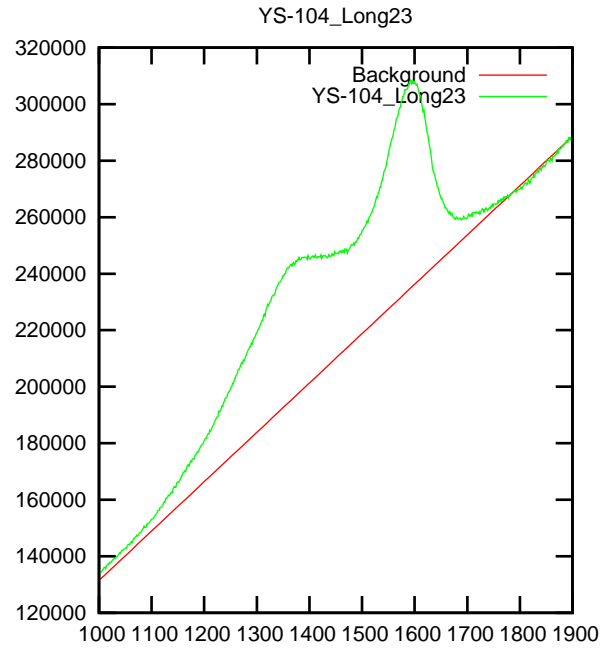


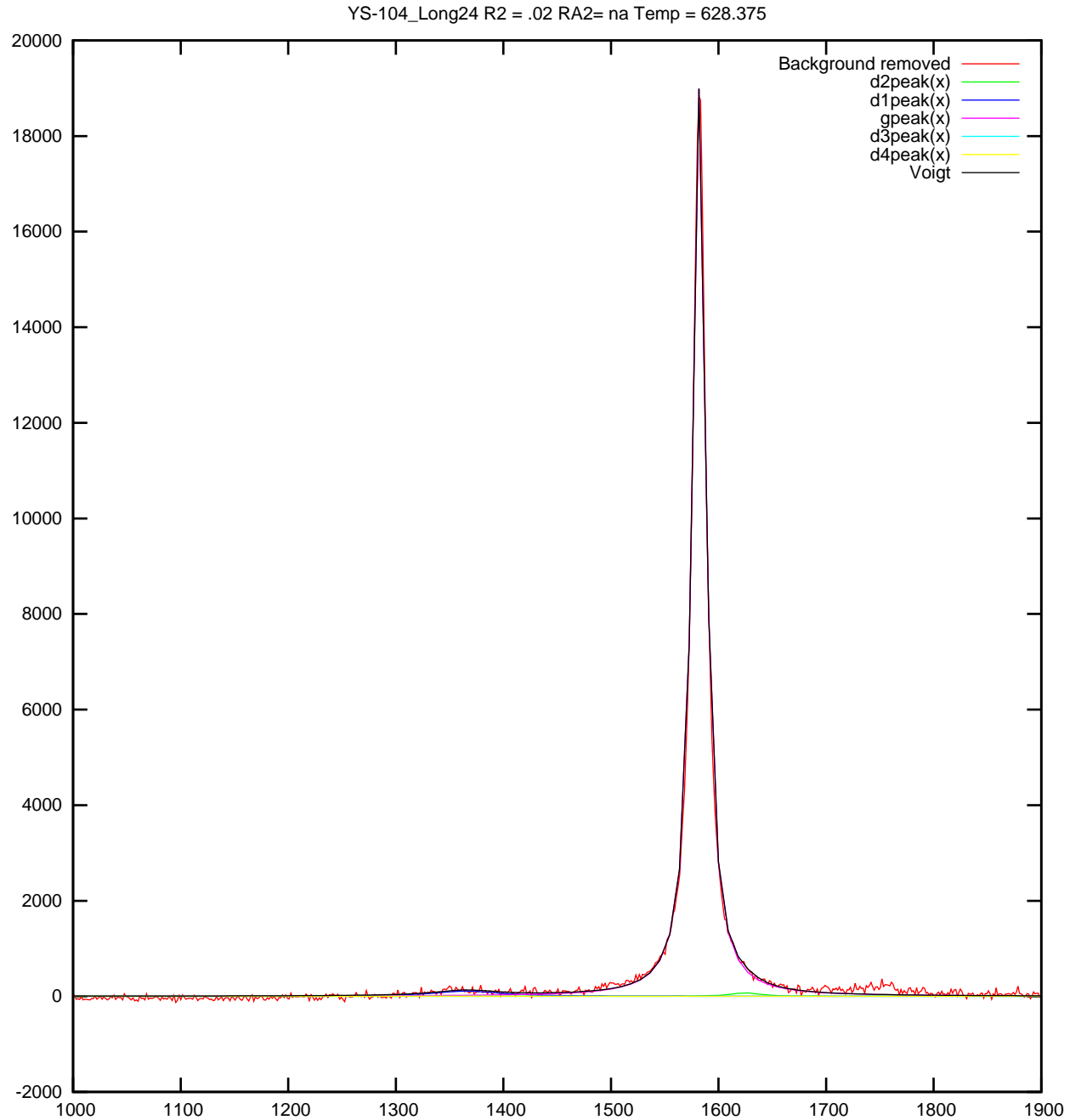
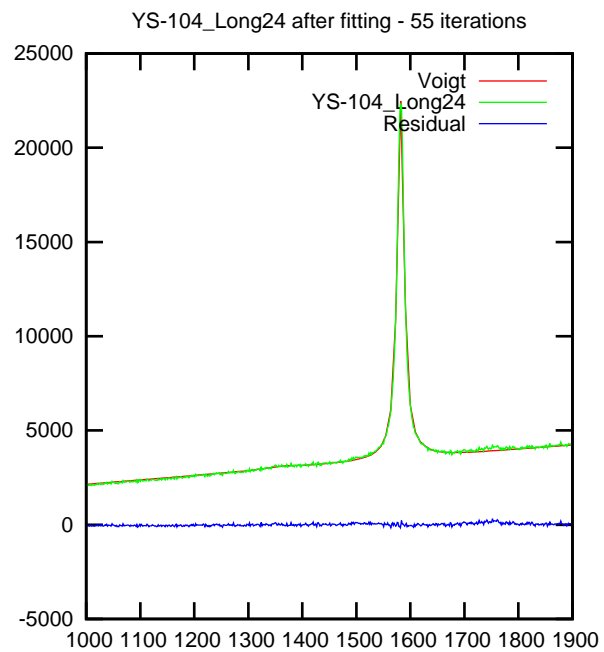
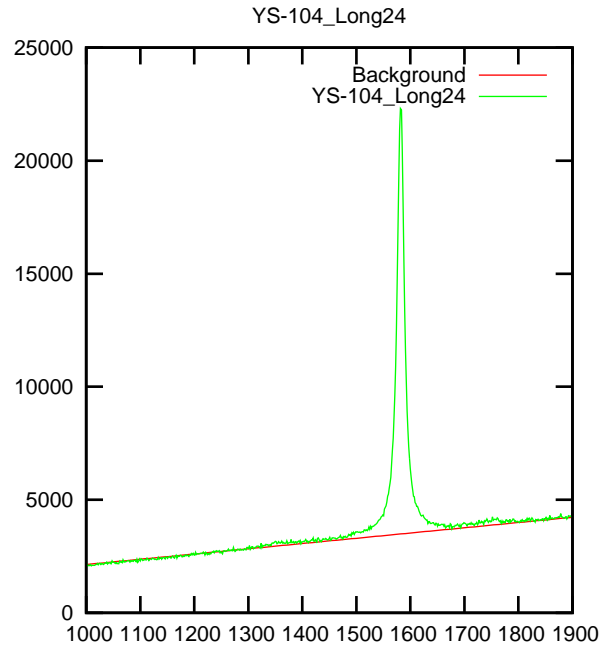


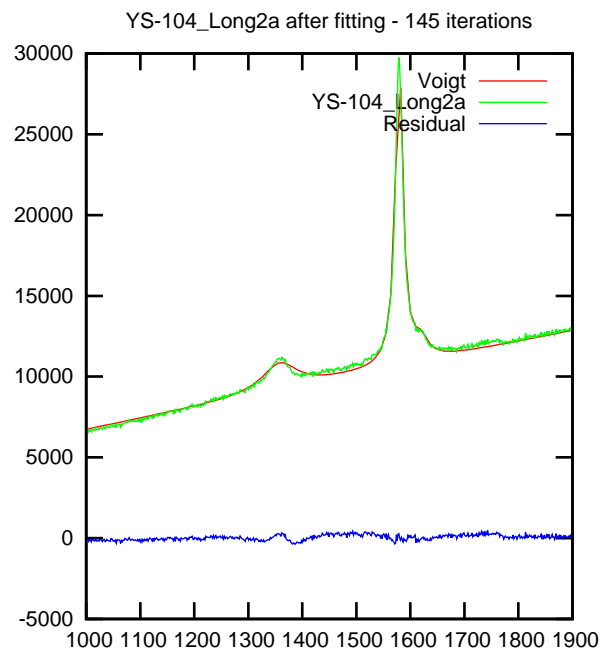
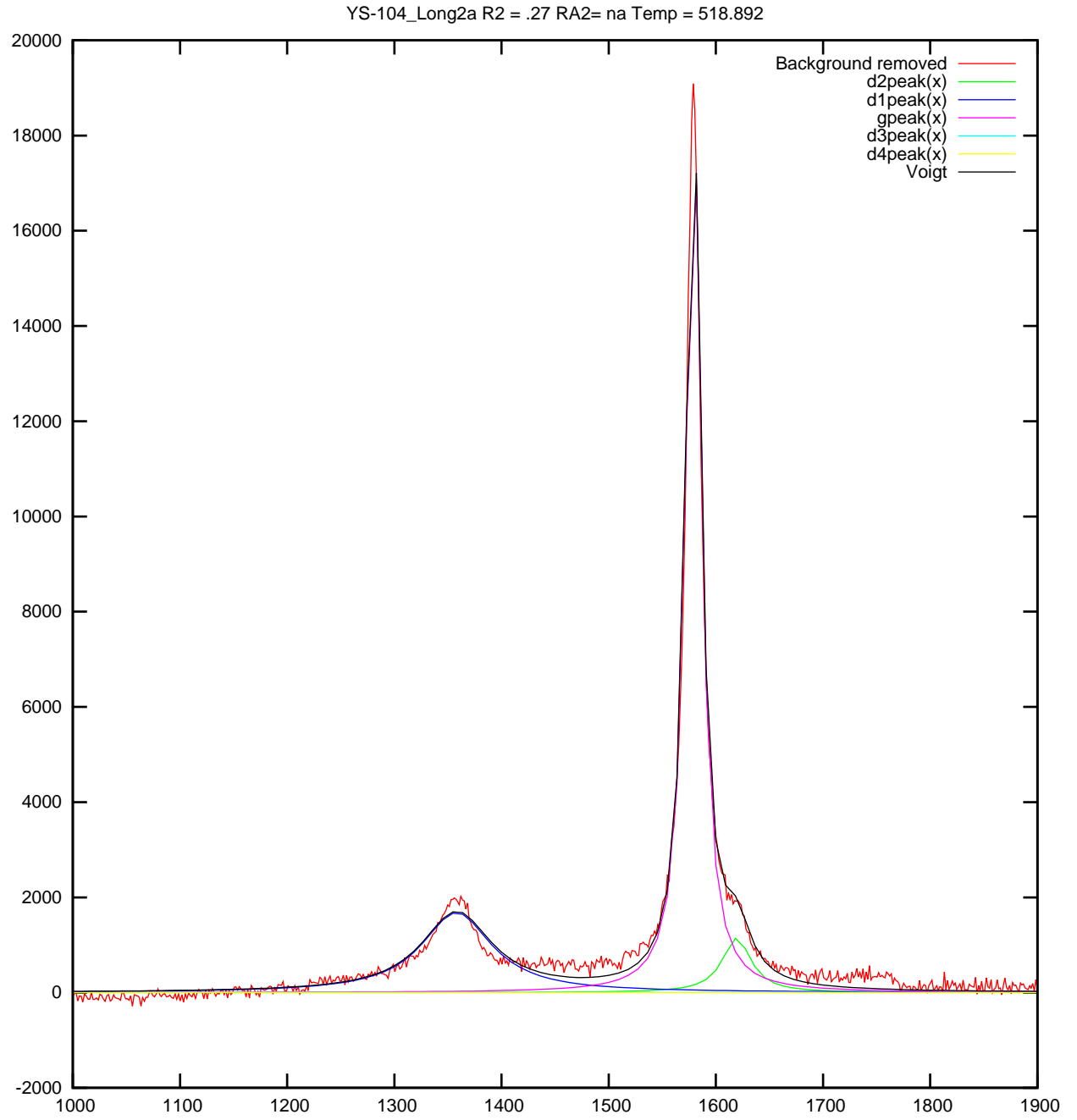
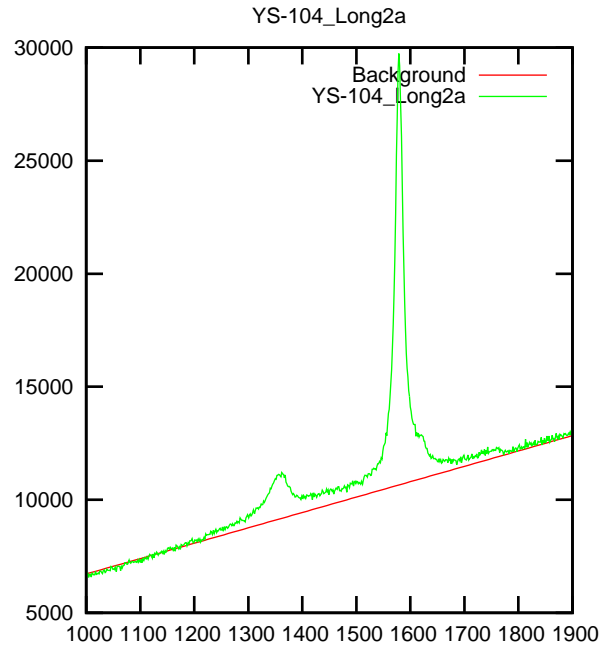


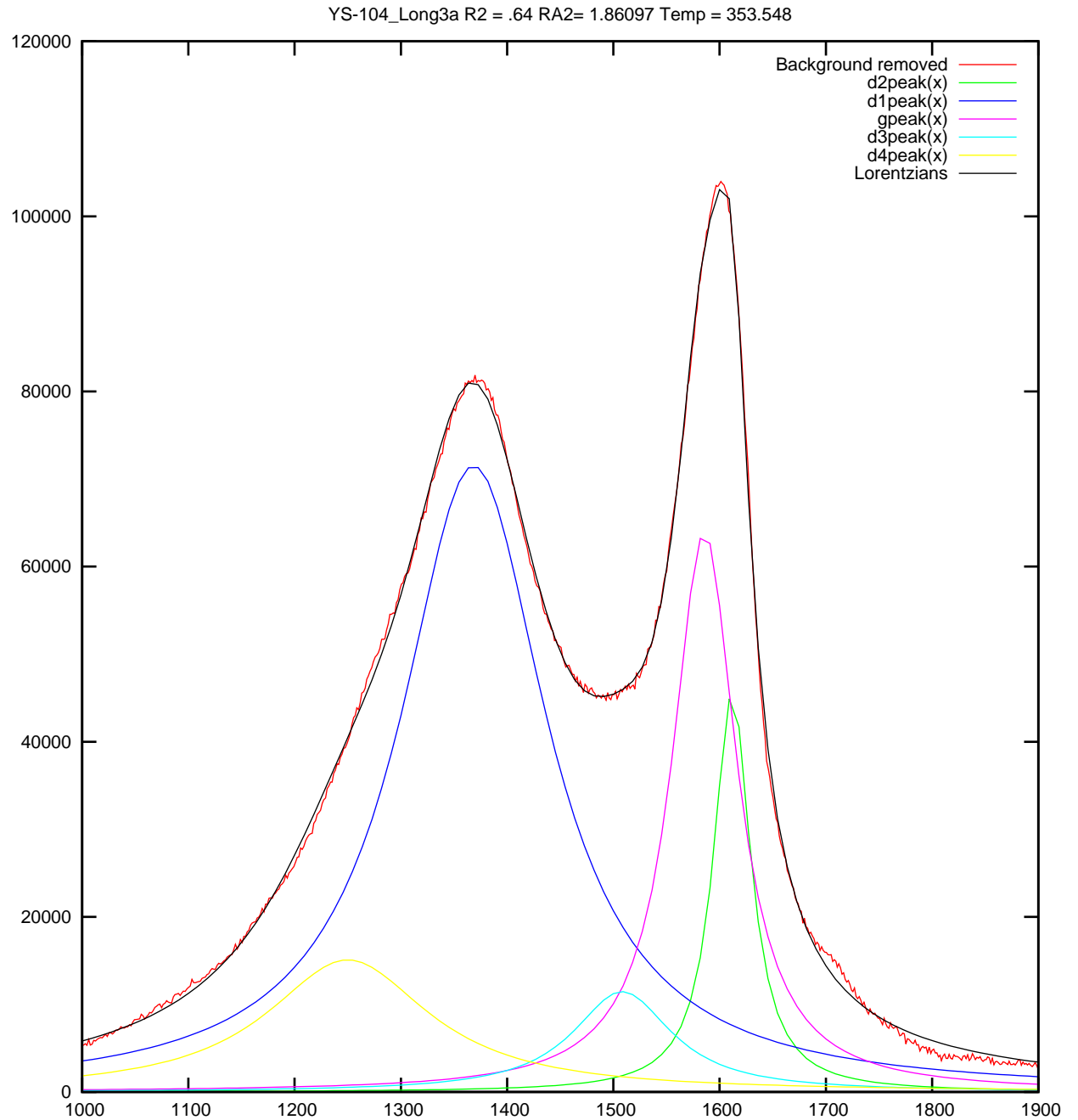
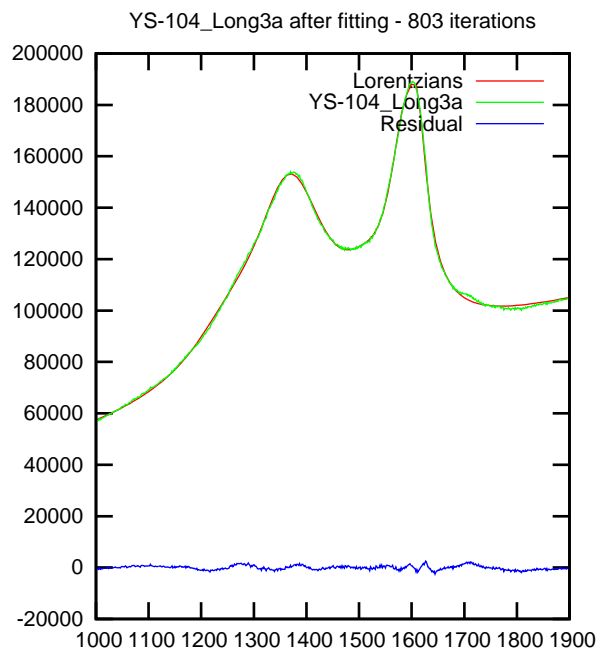
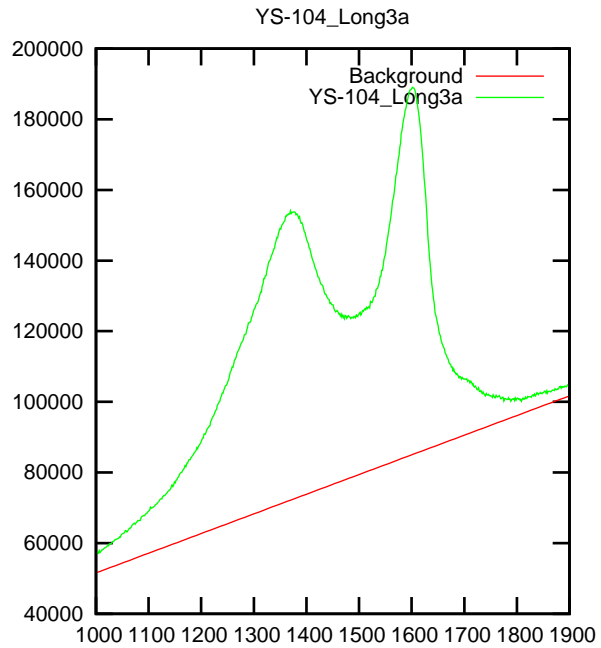


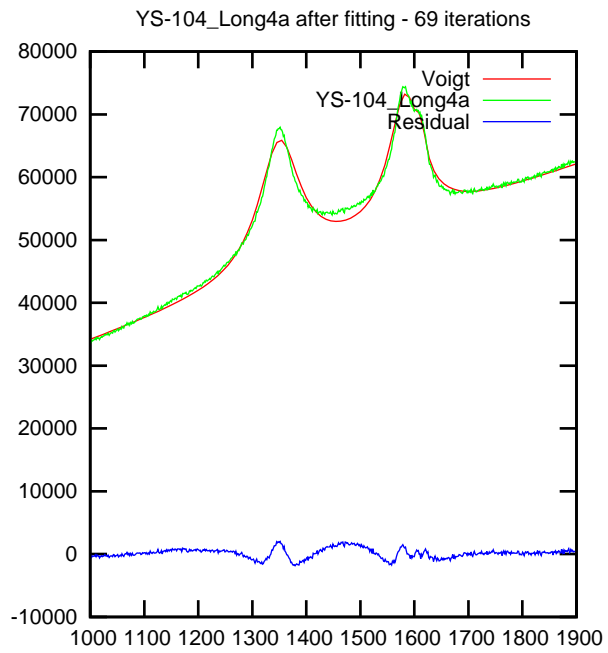
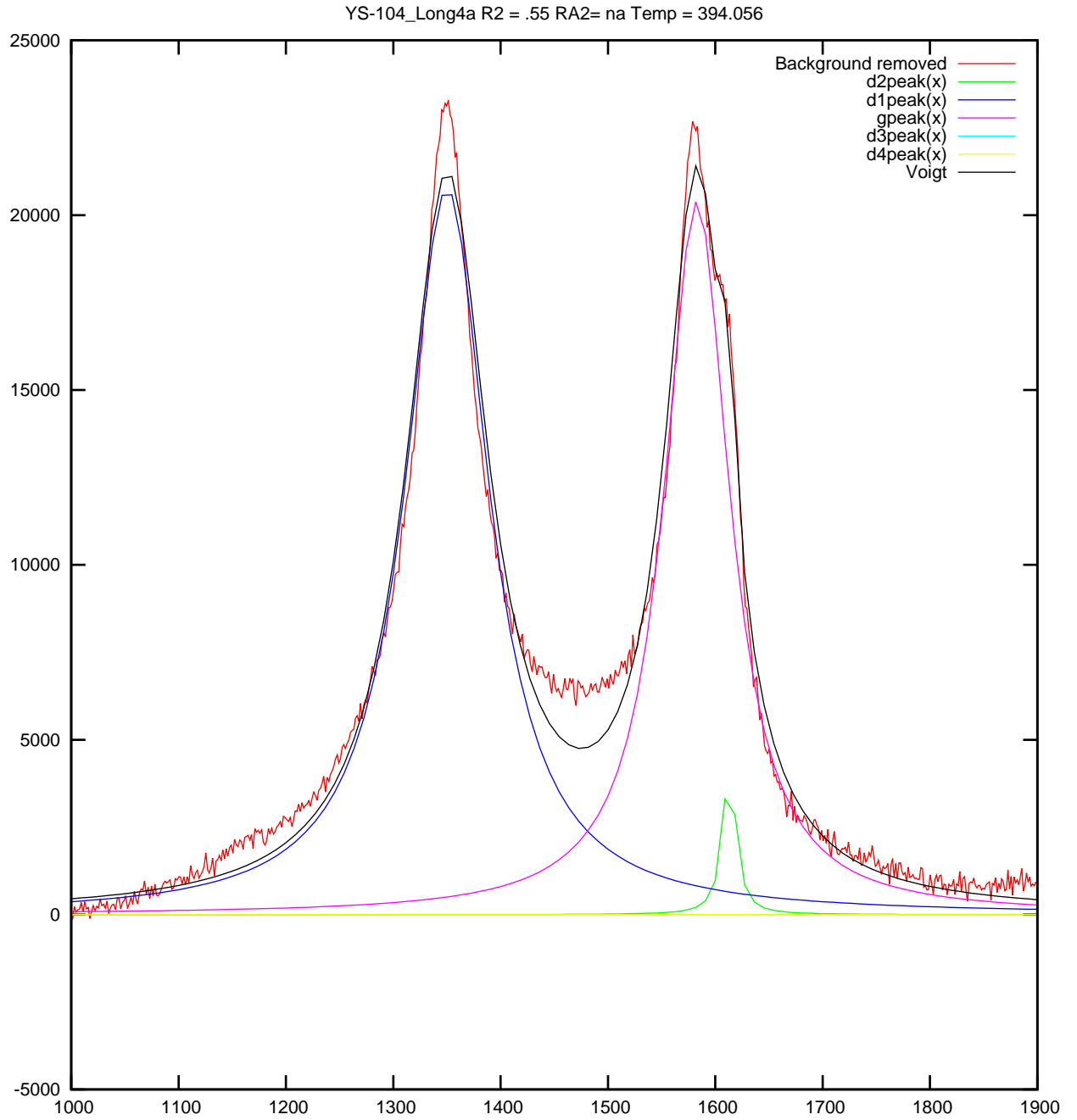
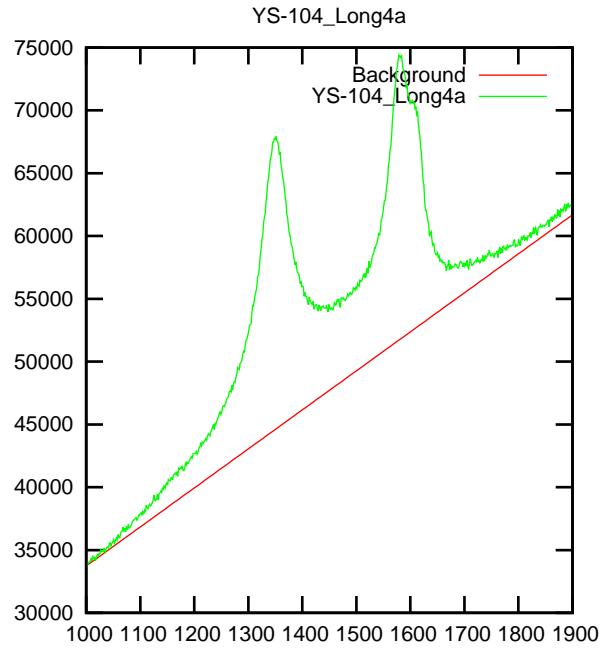


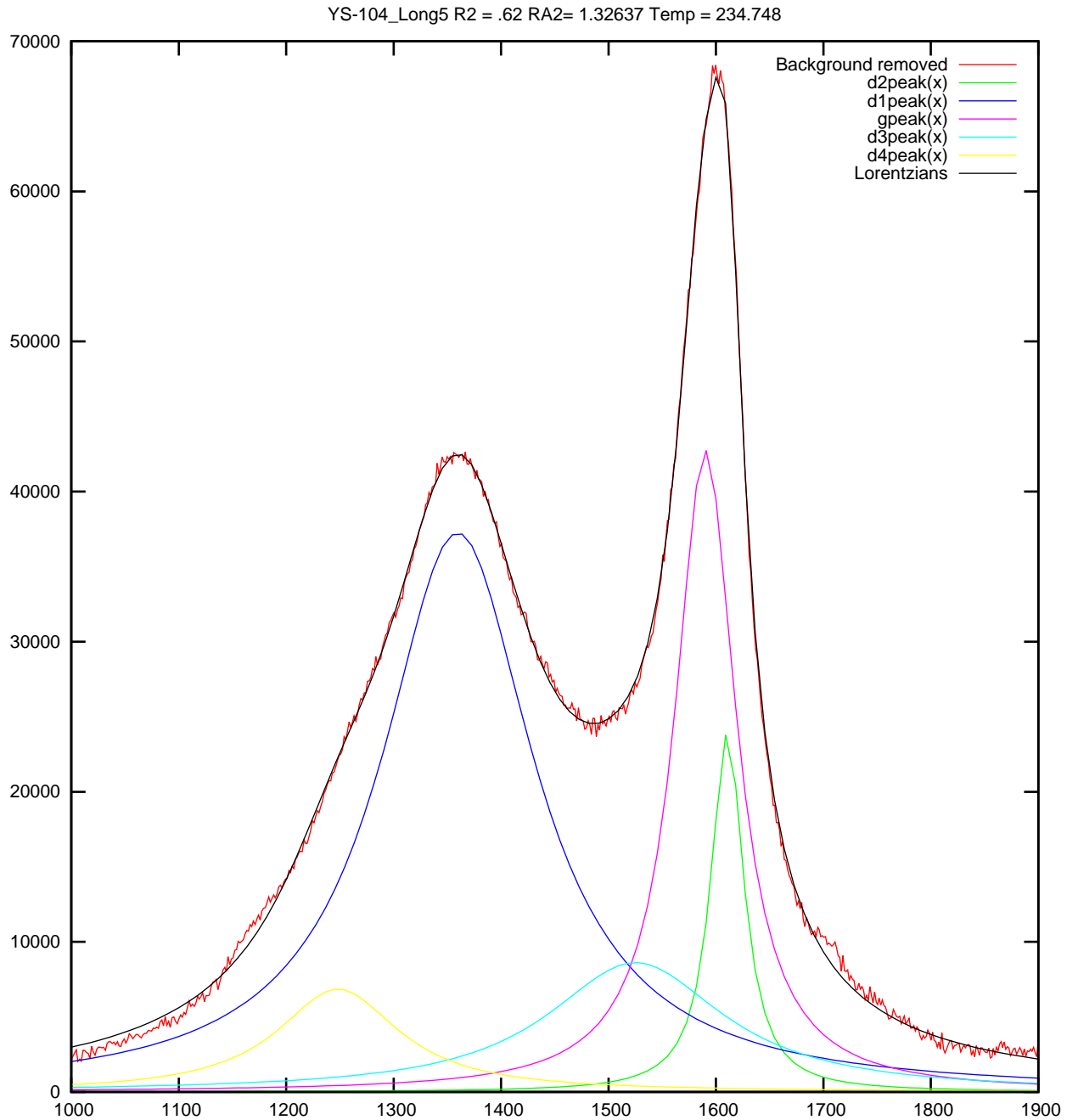
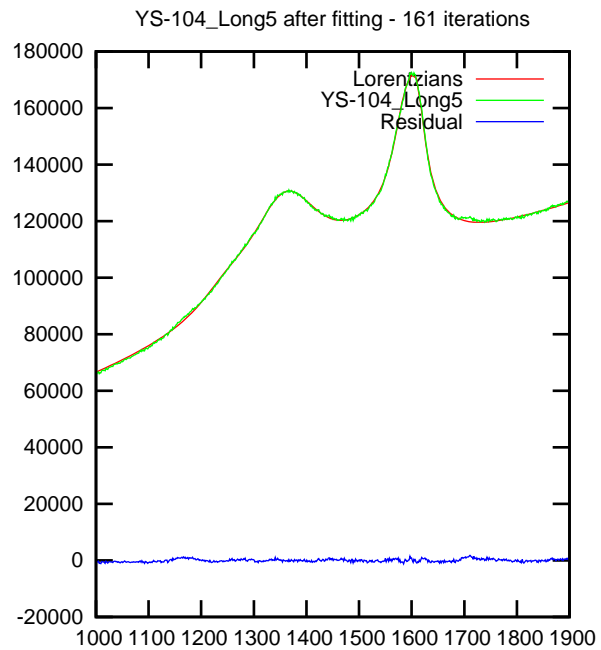
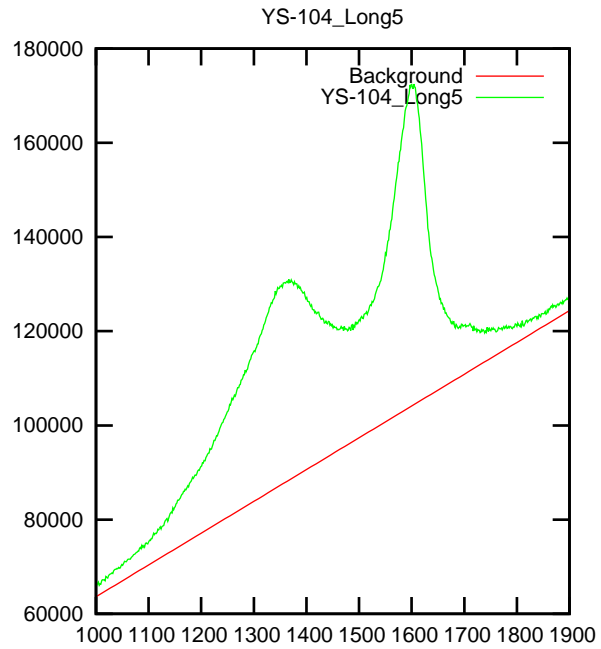


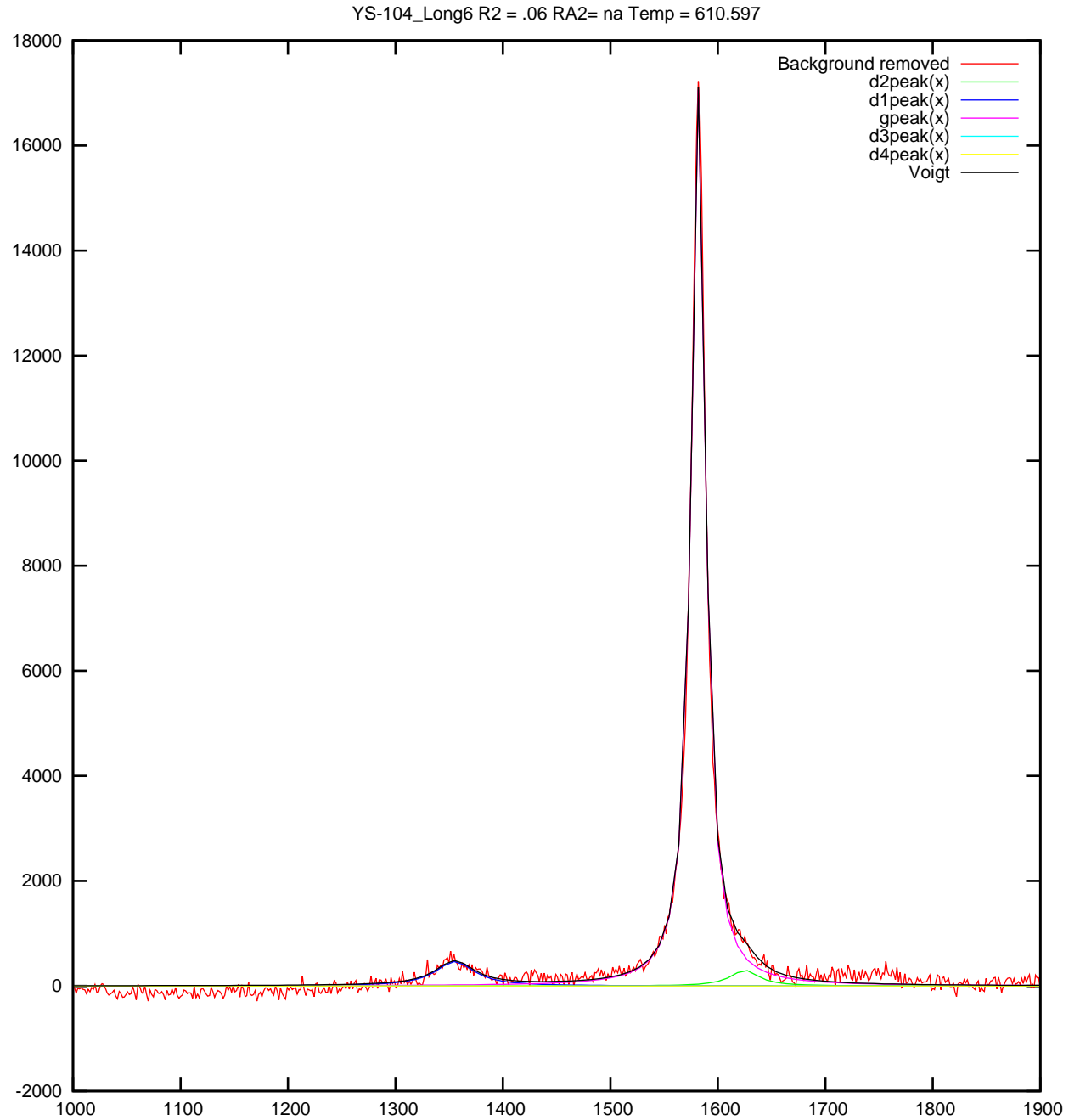
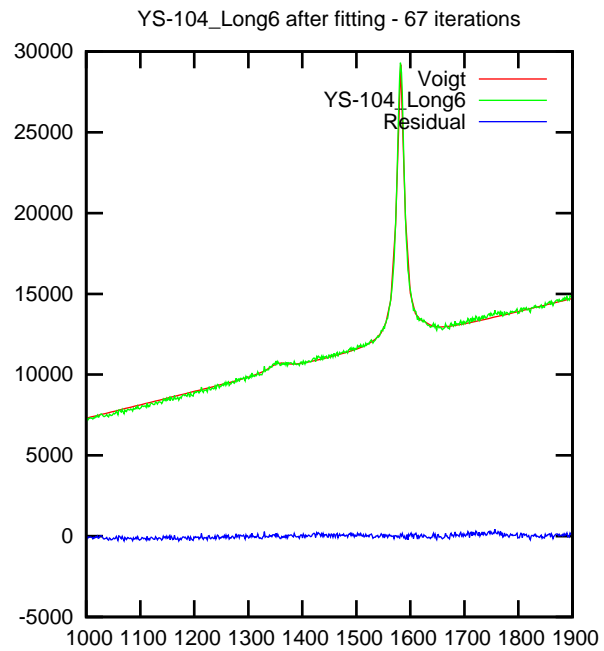
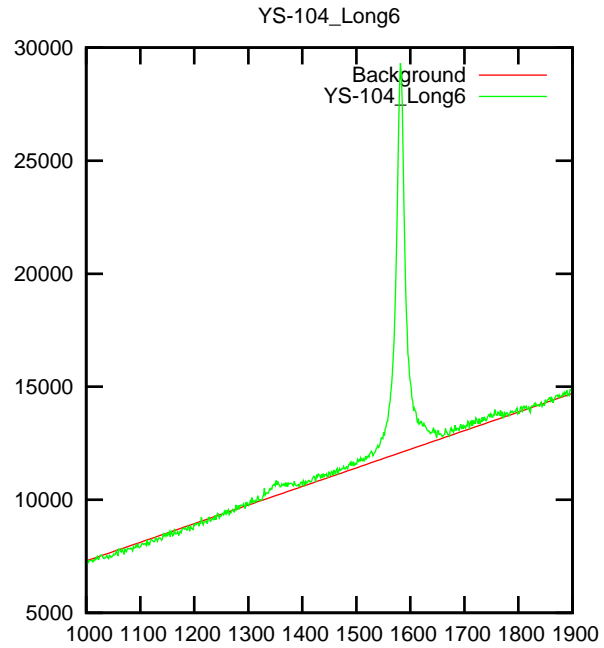


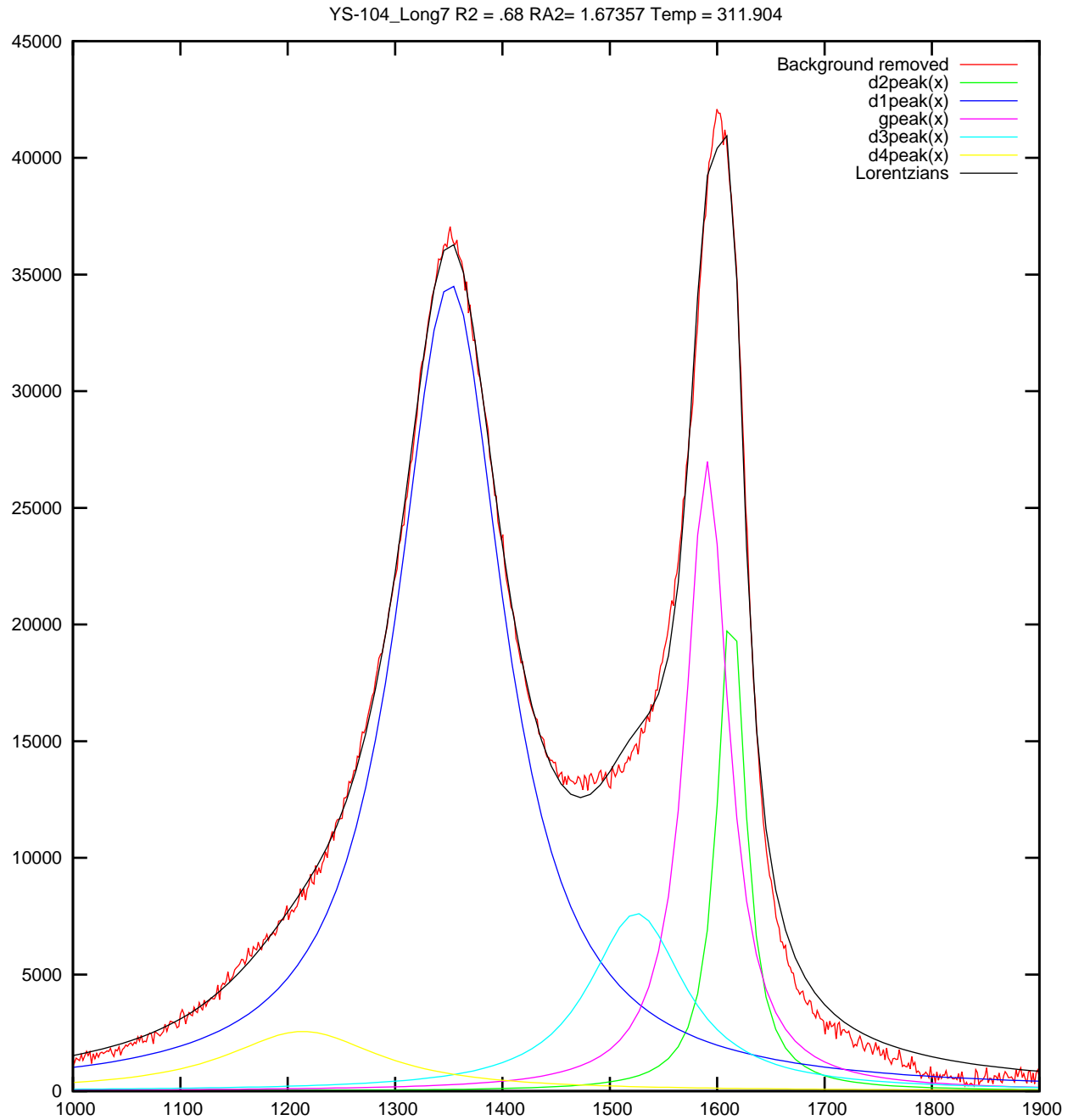
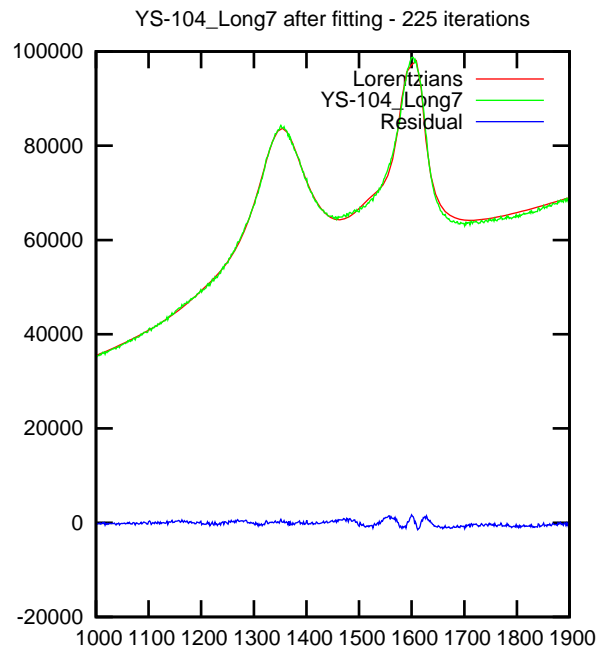
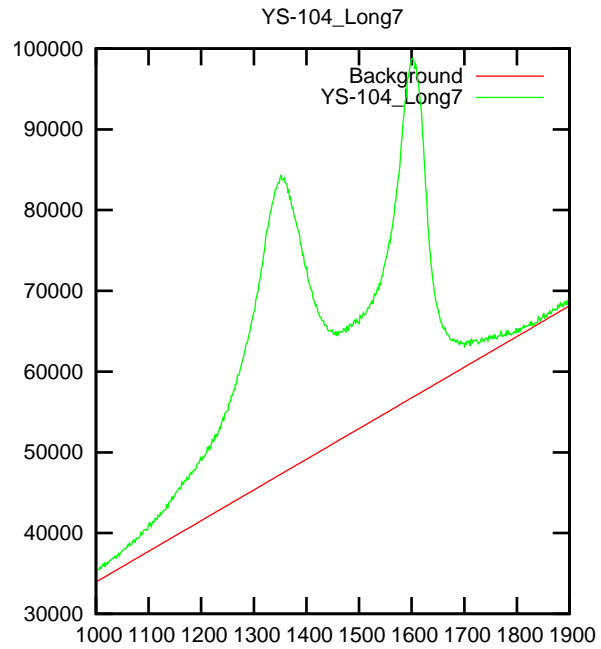


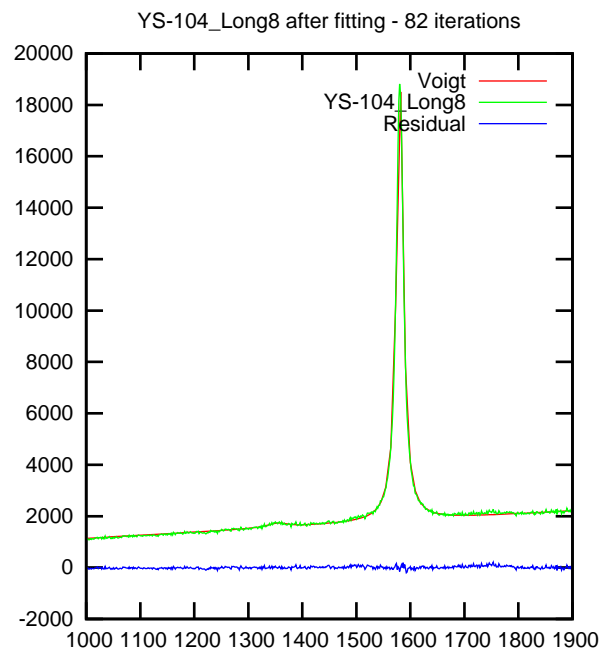
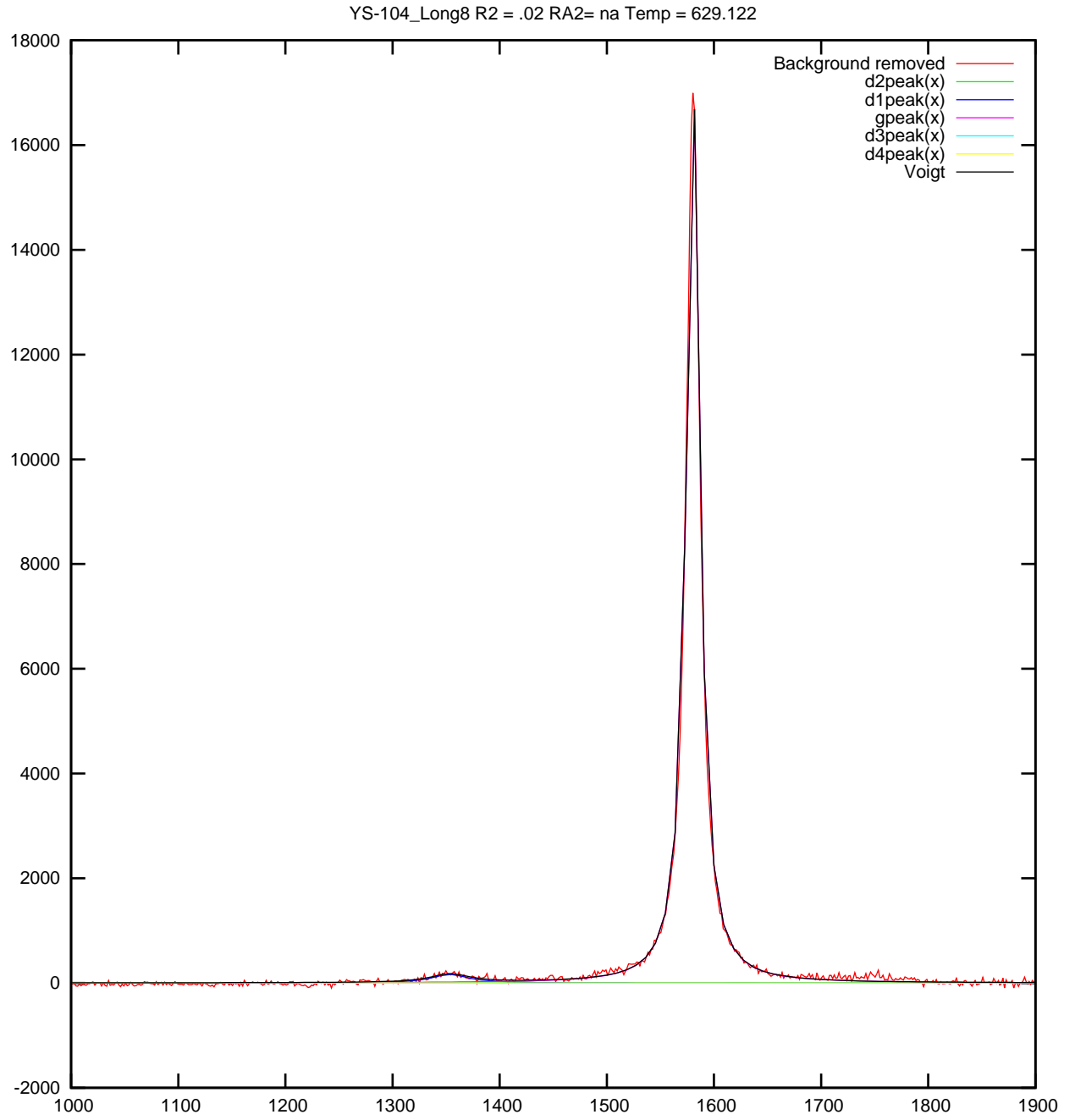
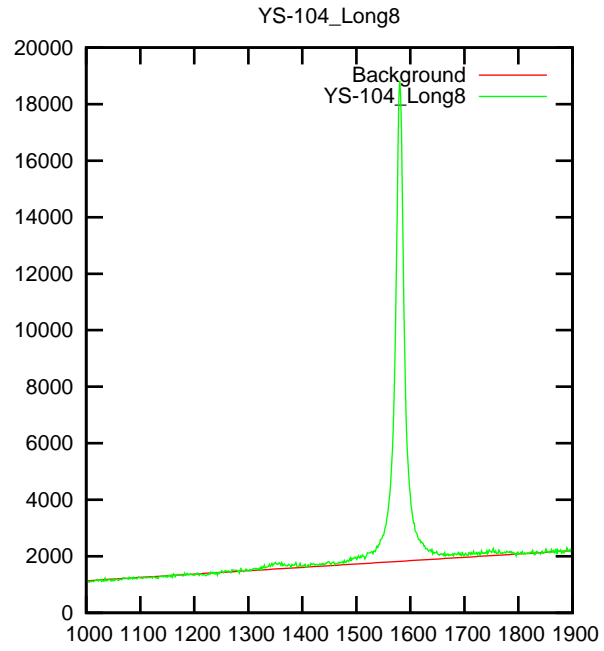


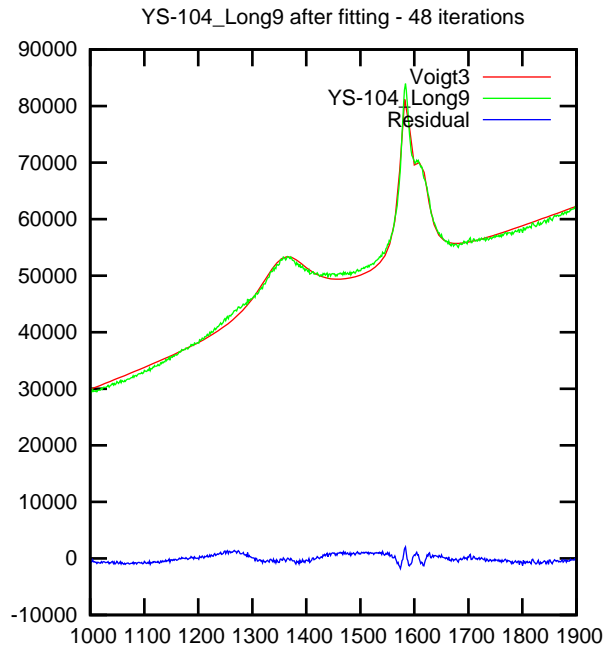
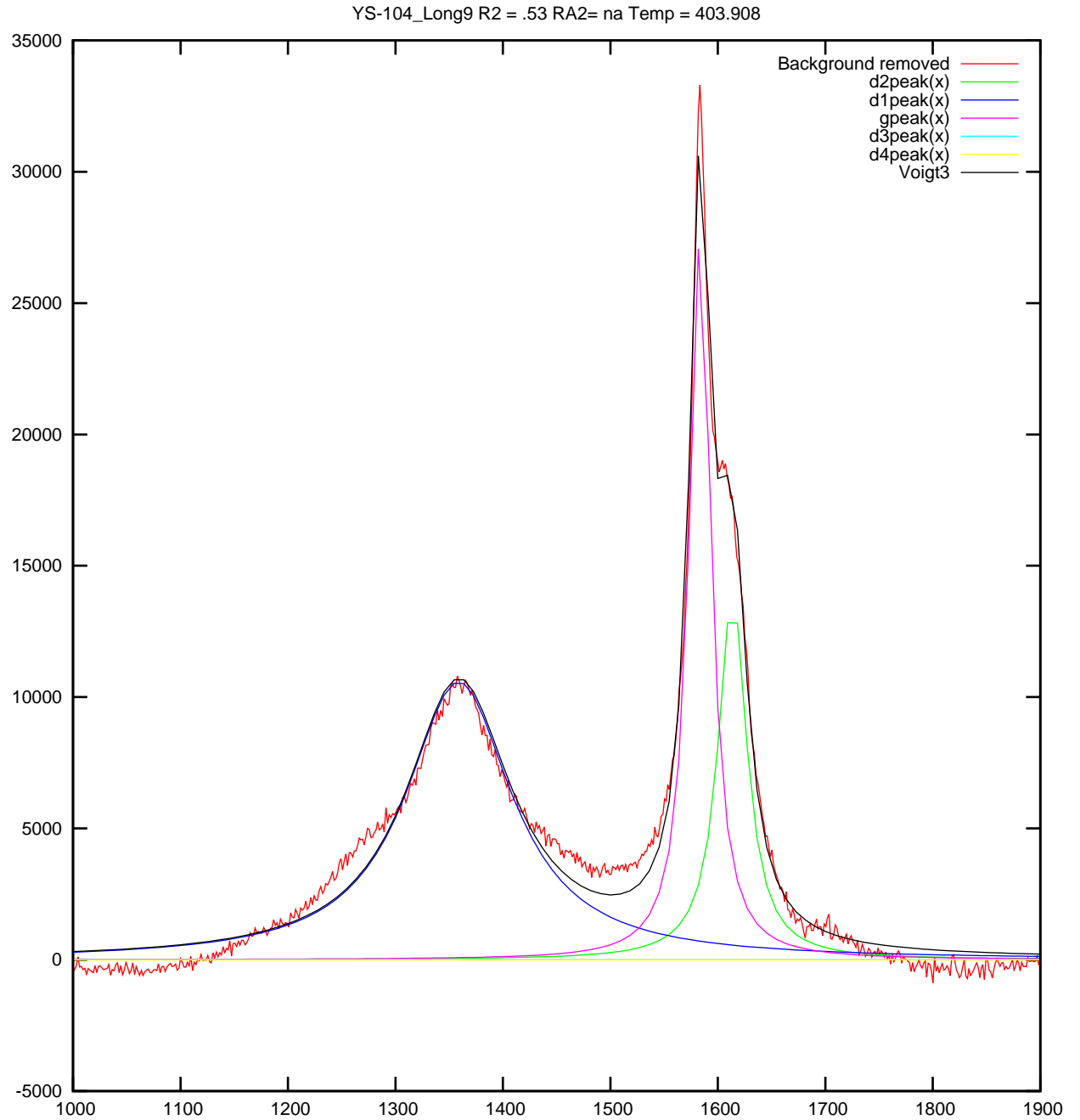
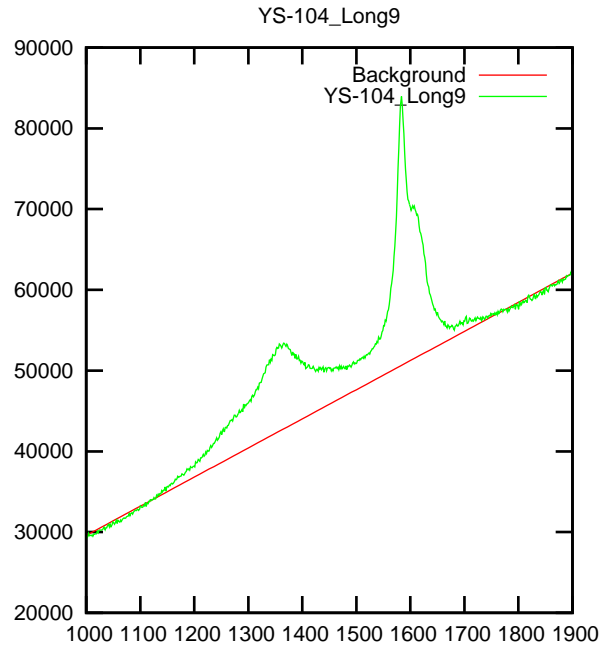


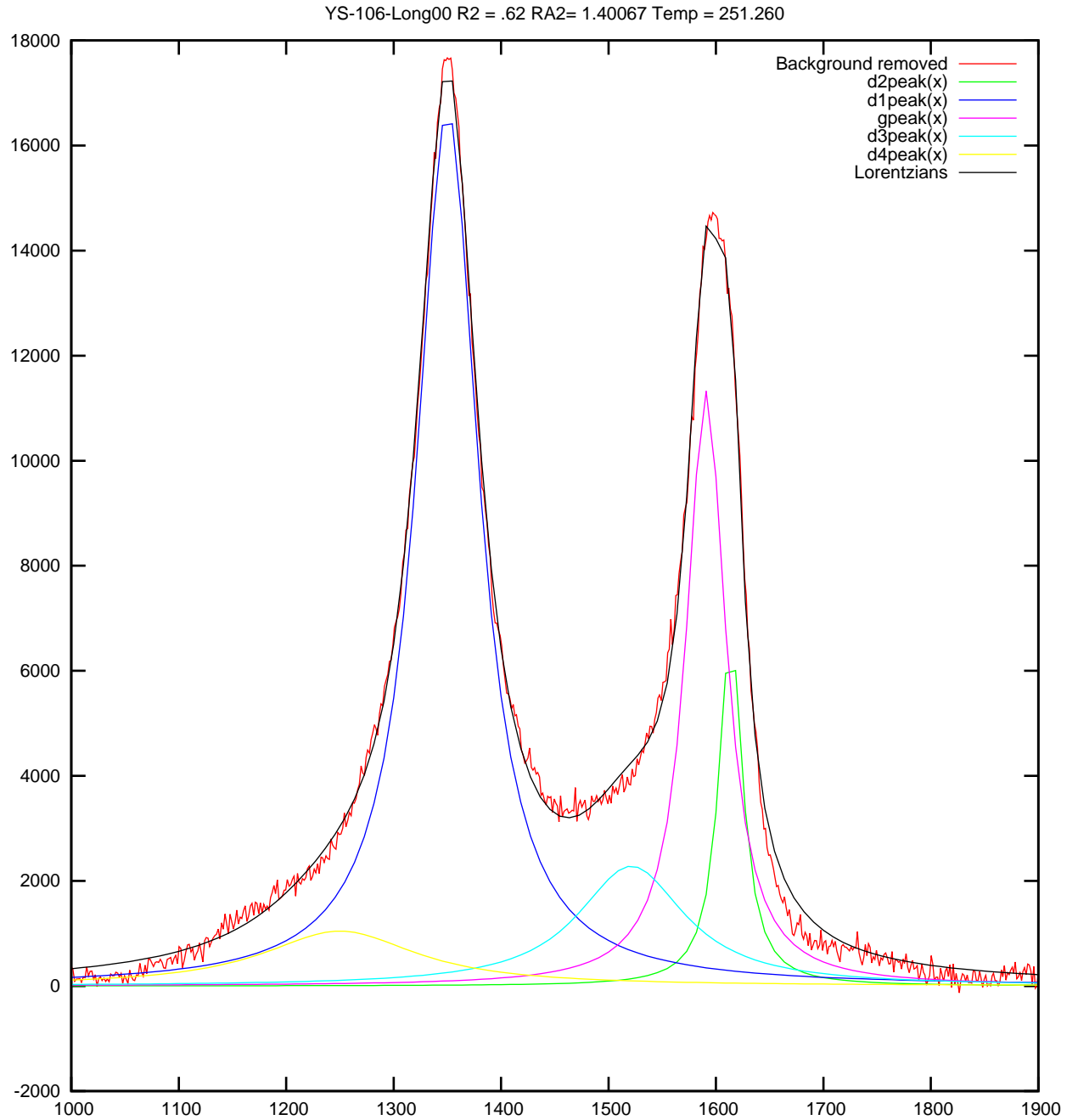
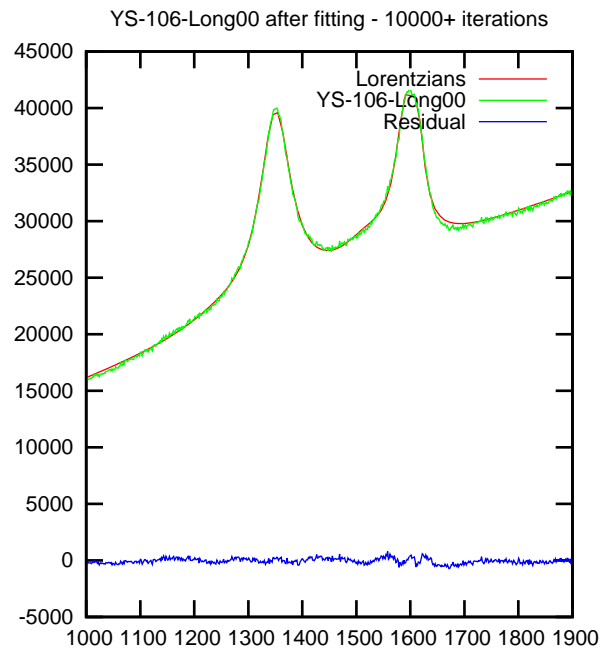
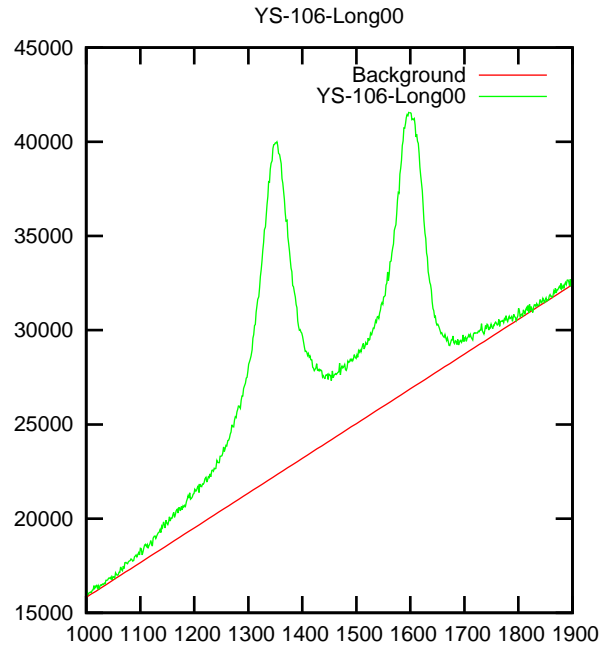


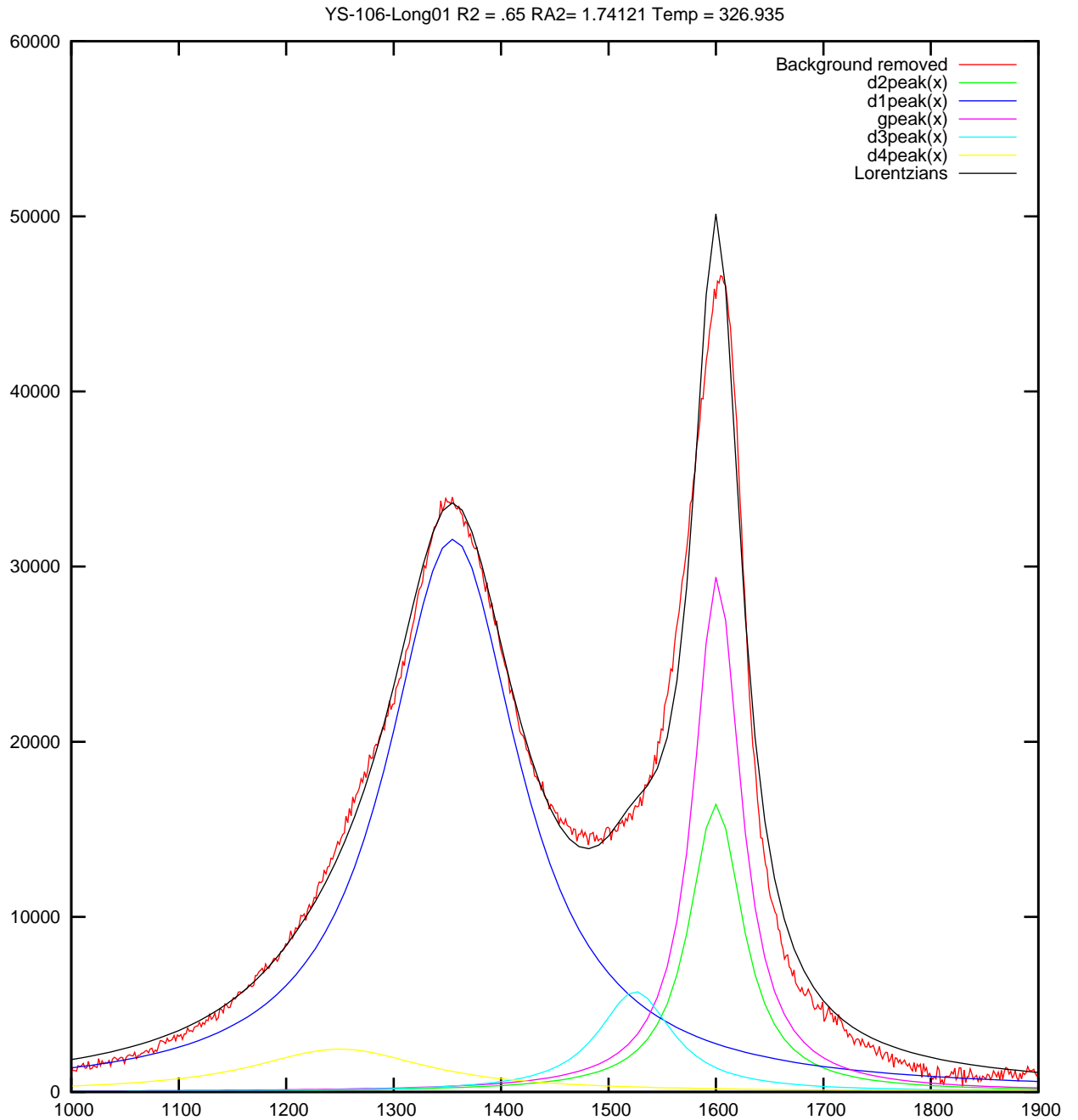
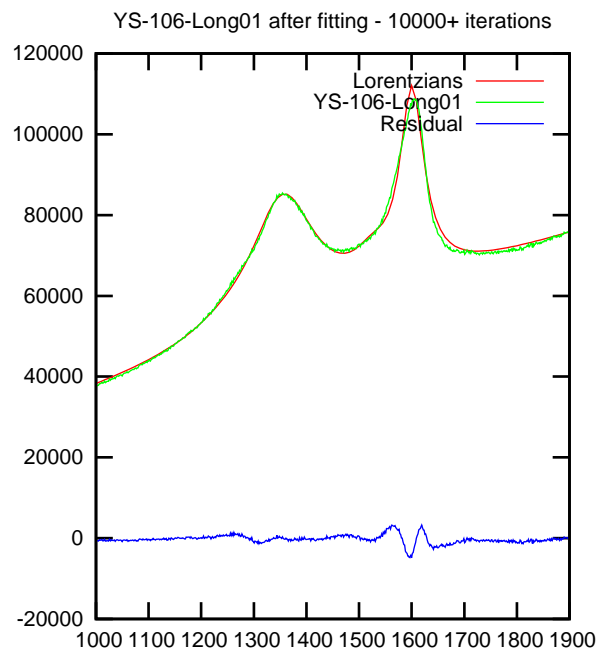
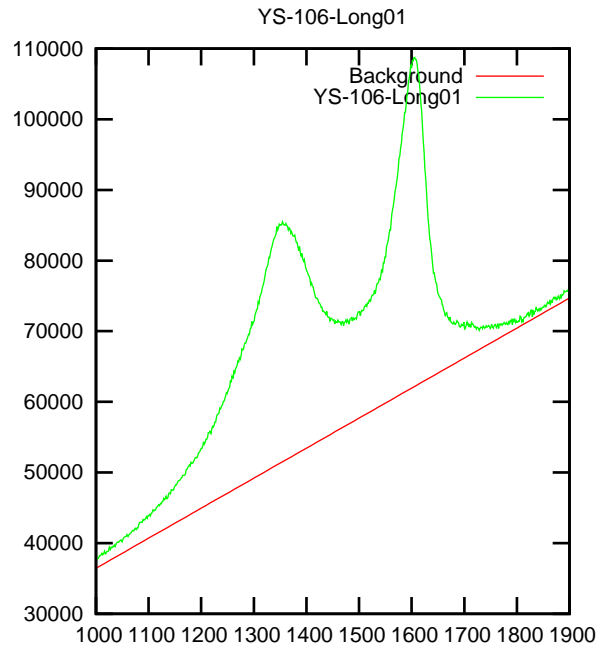


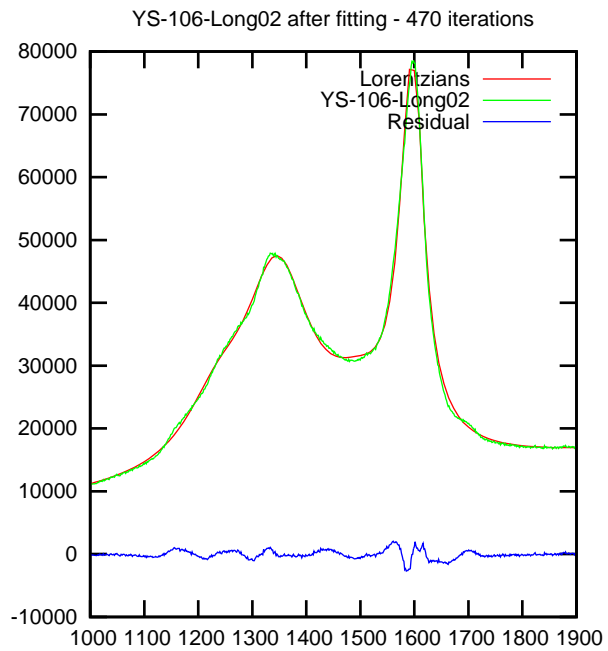
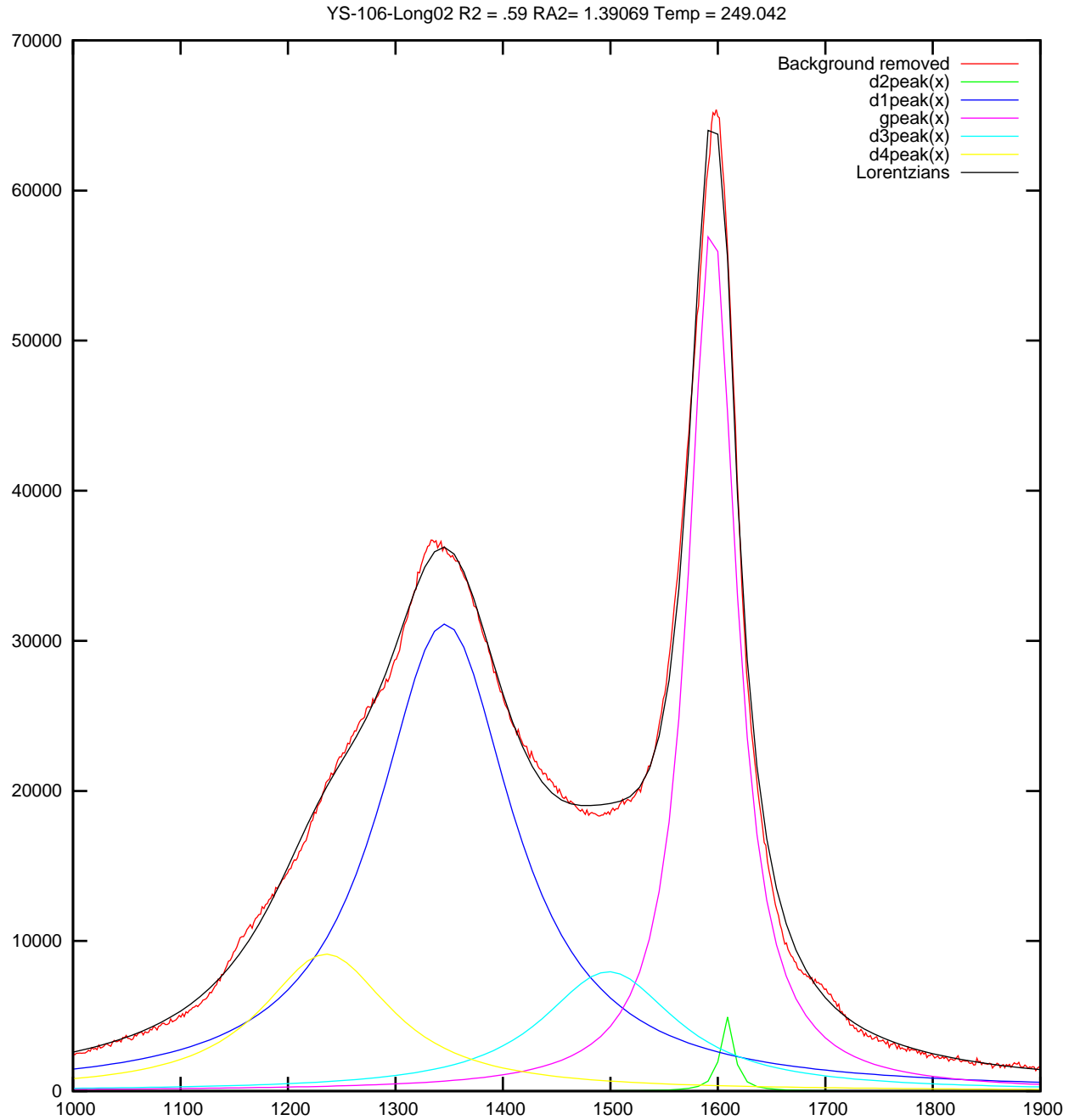
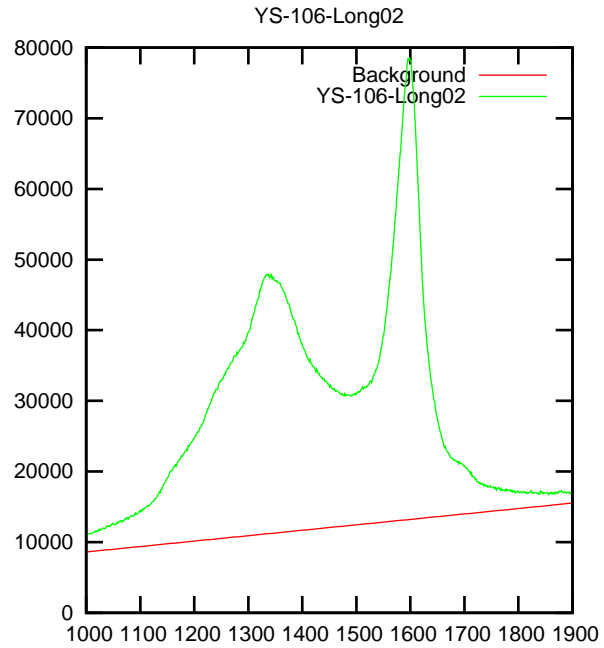


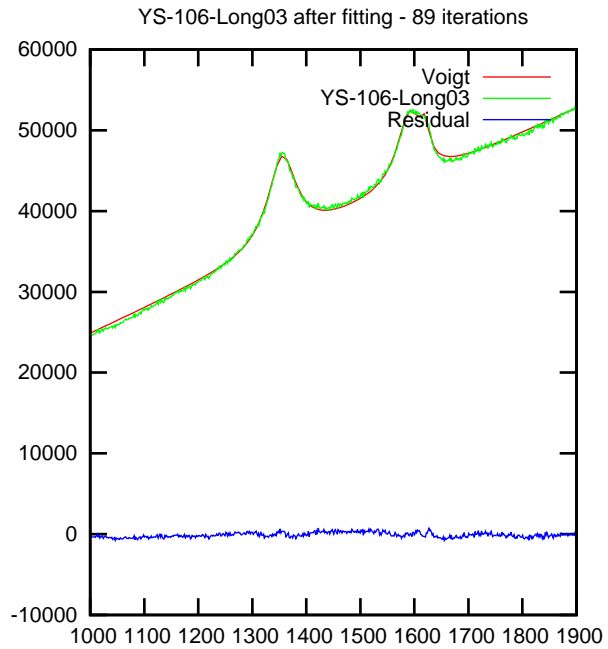
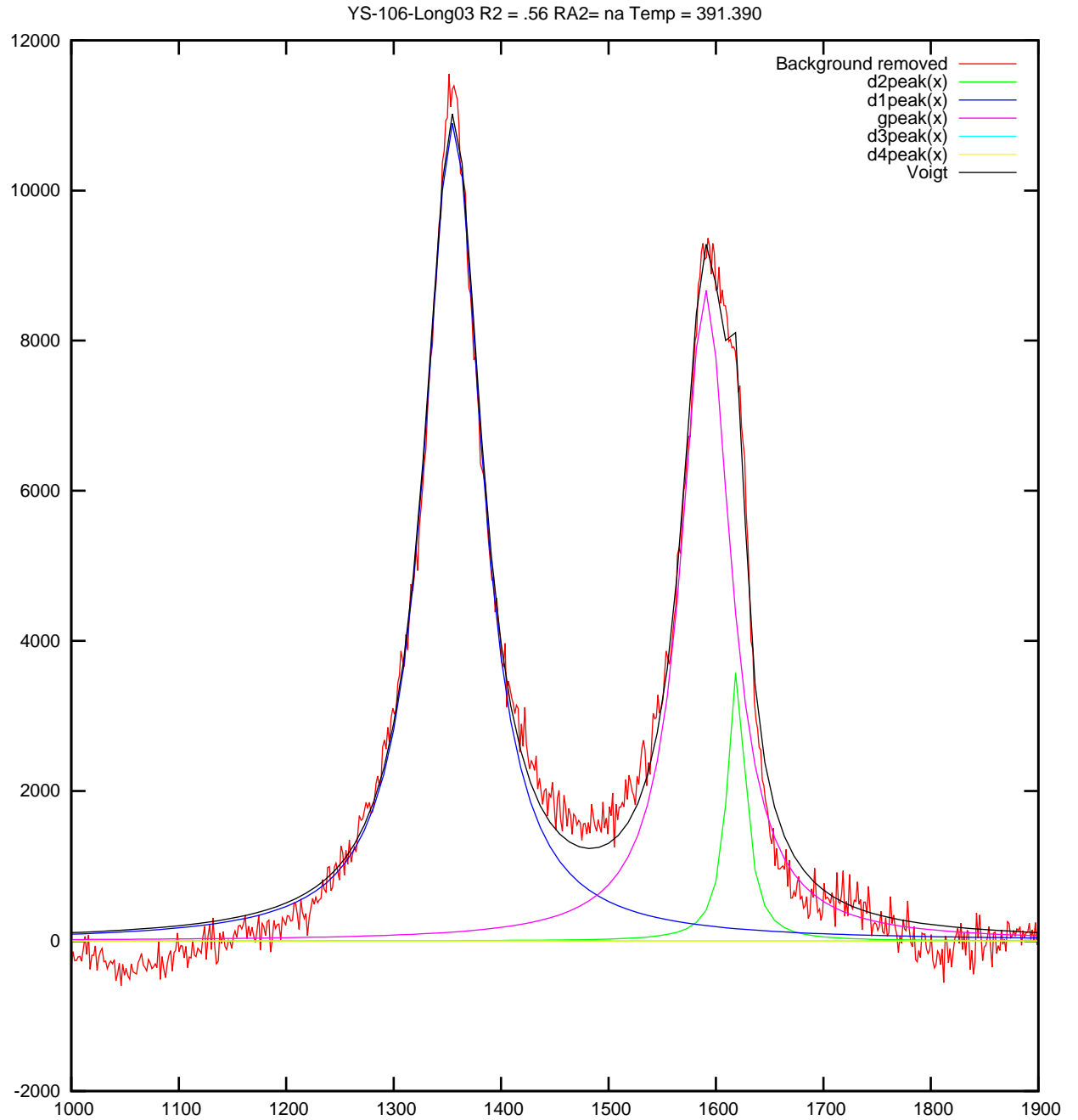
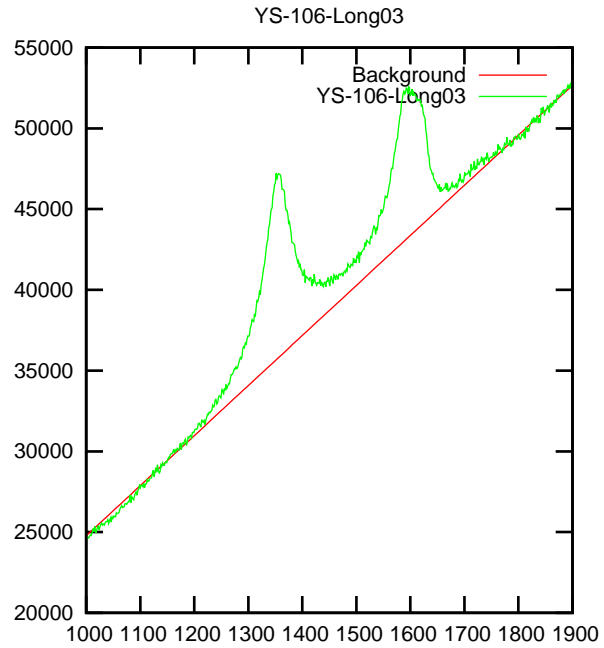


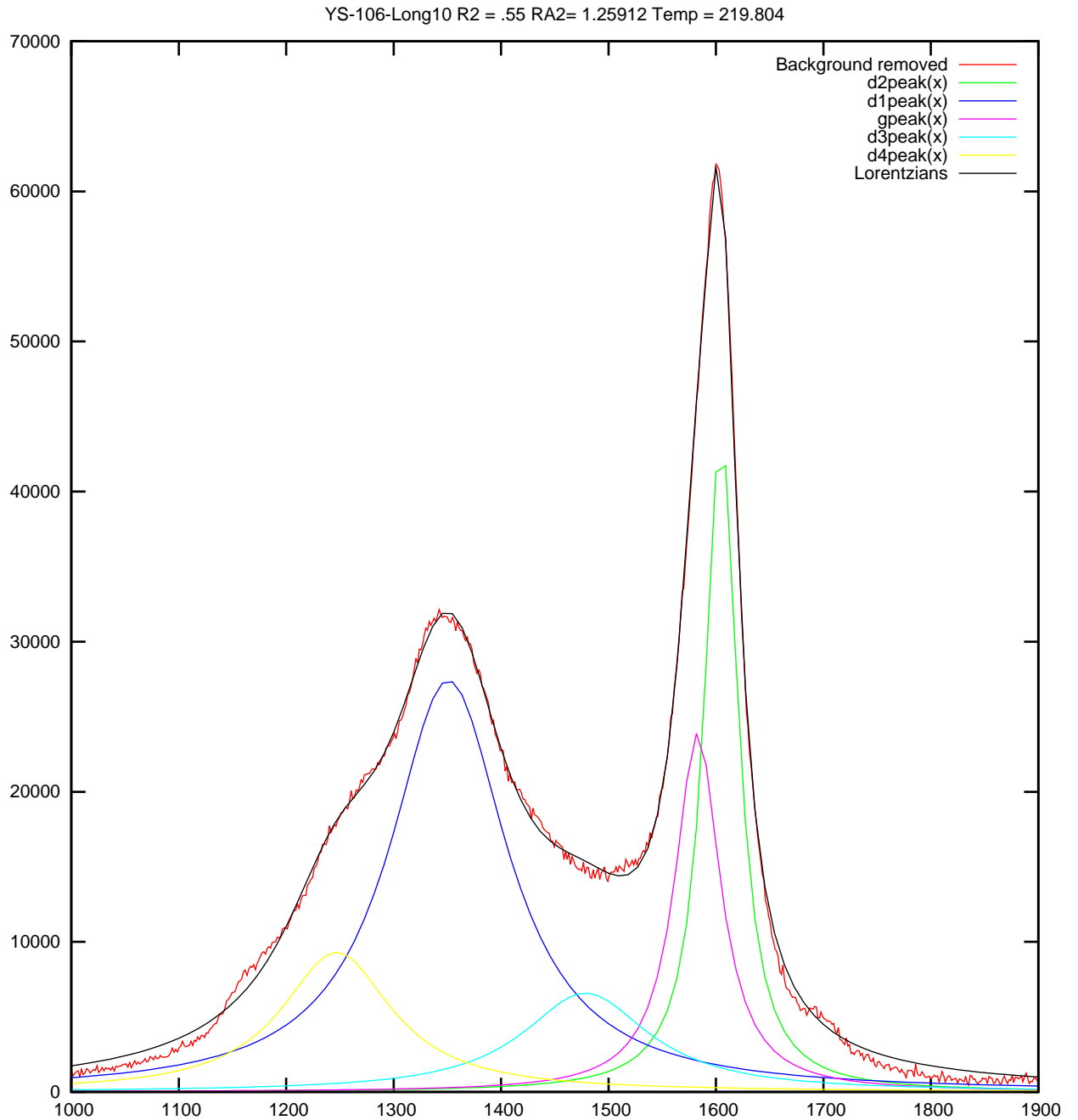
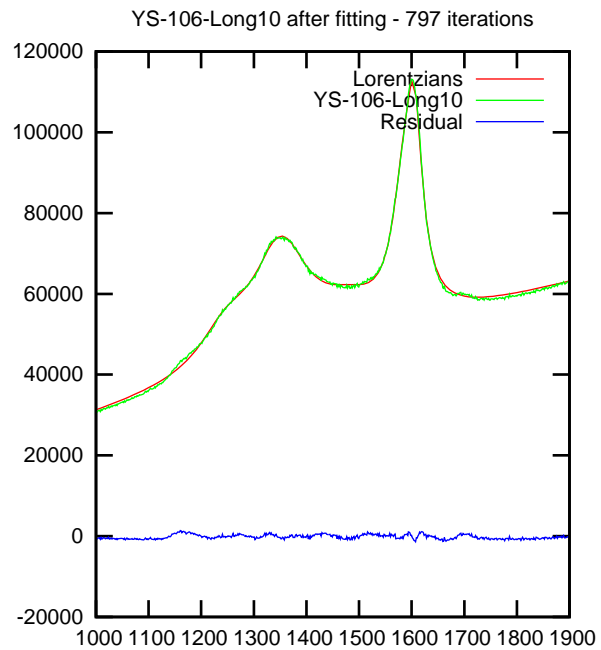
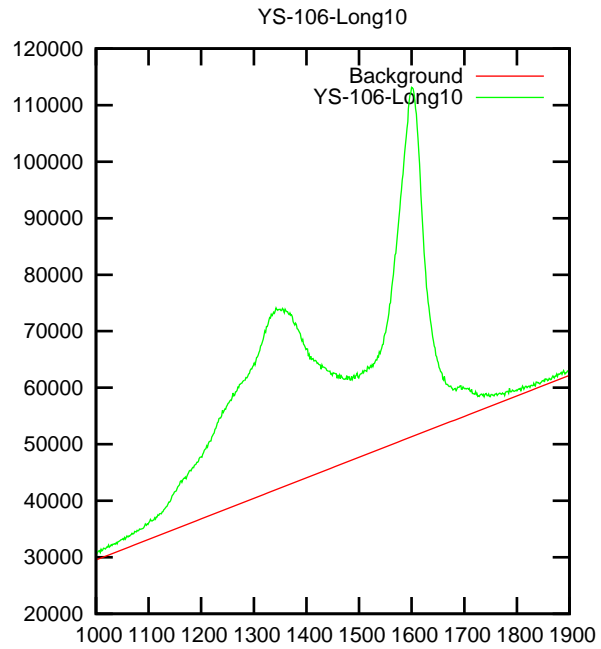




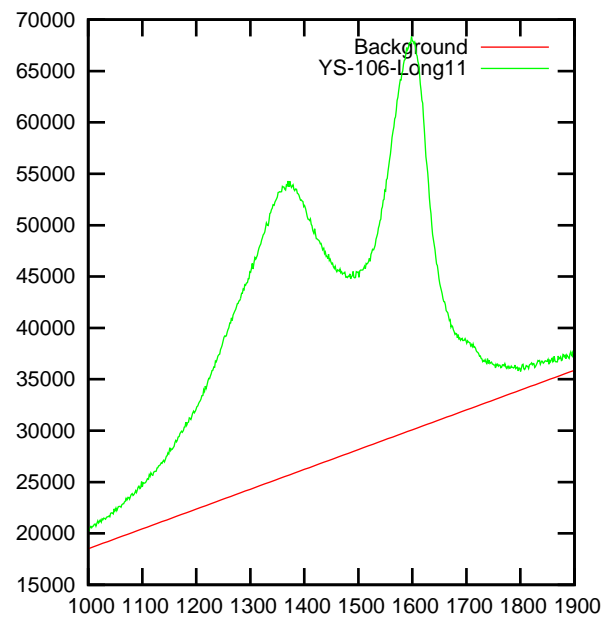




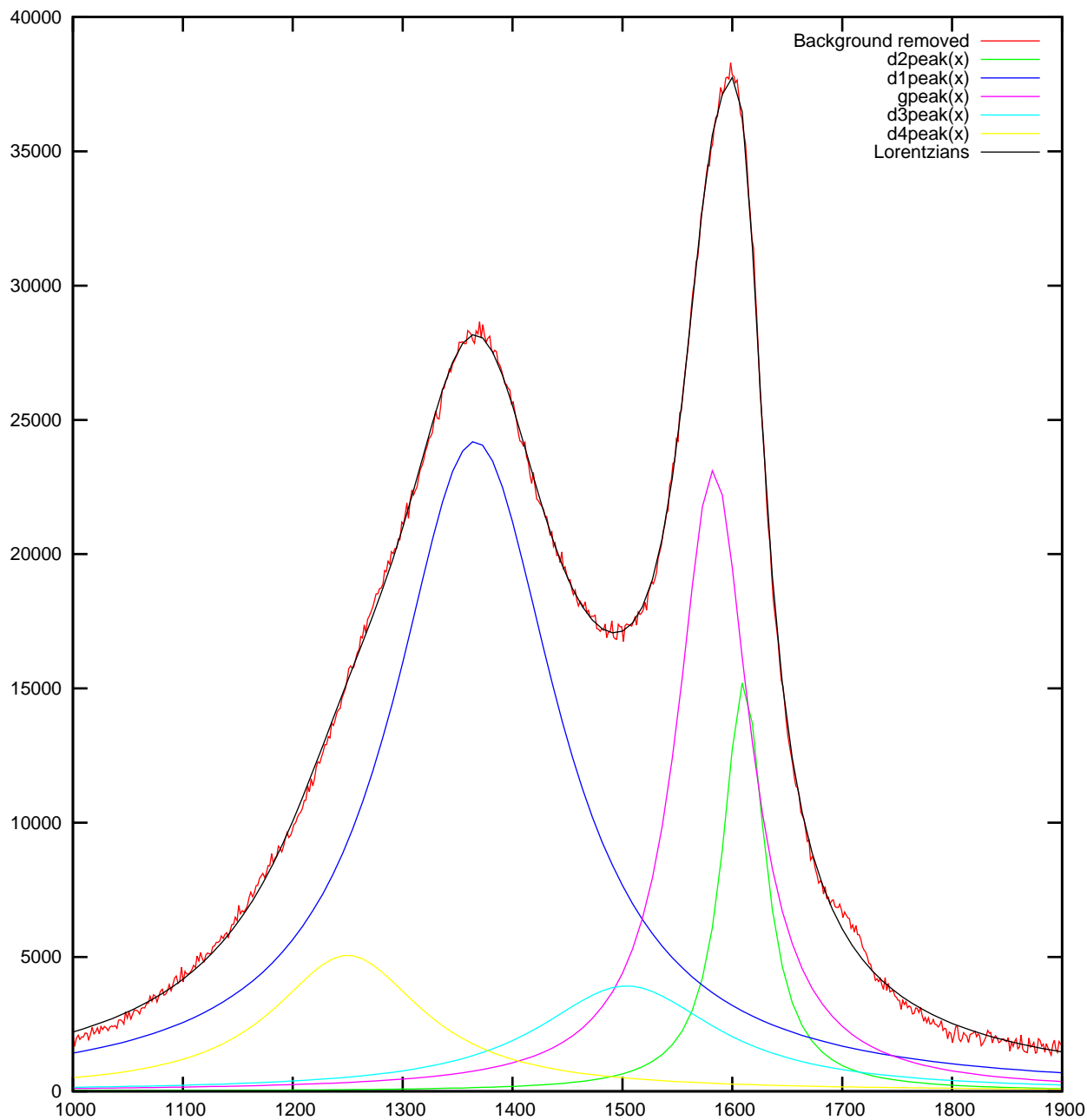




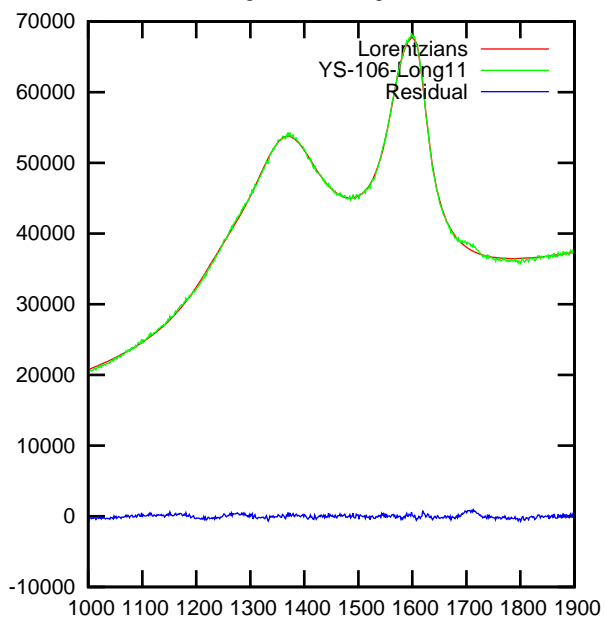
YS-106-Long11

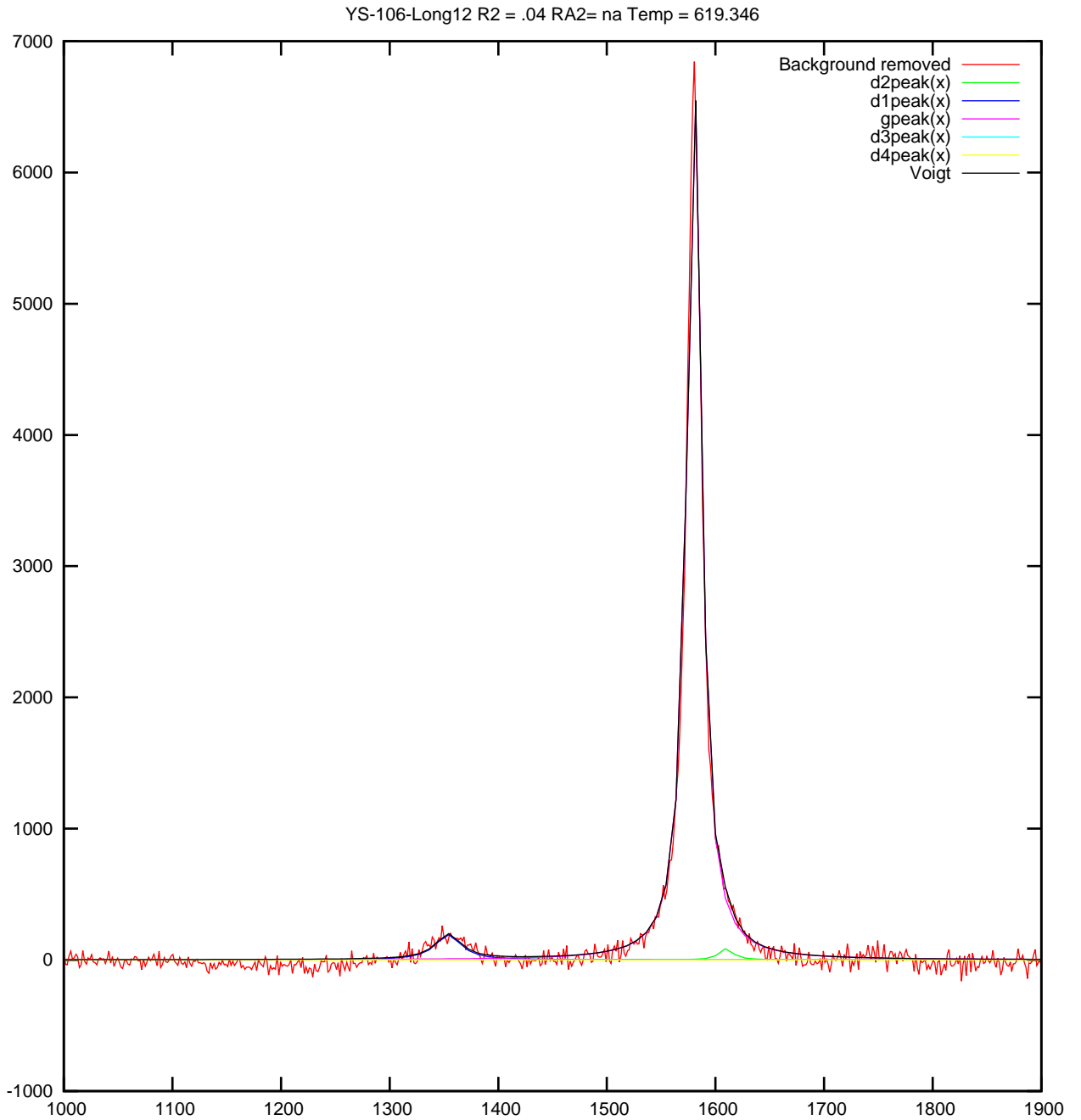
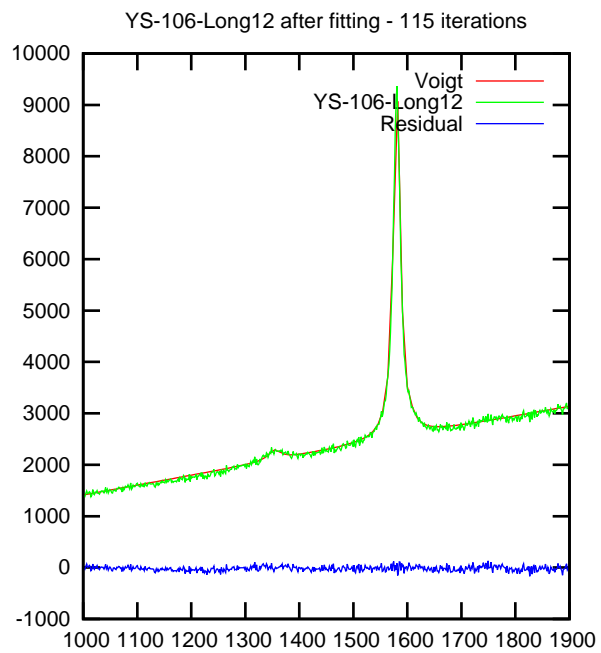
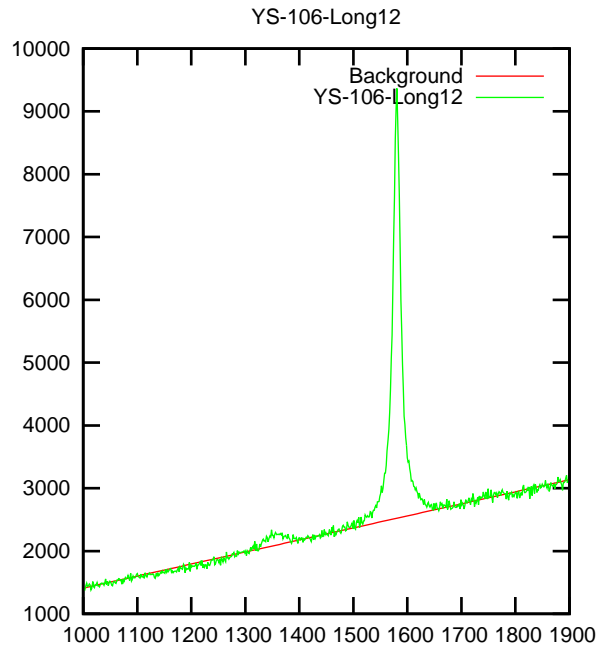


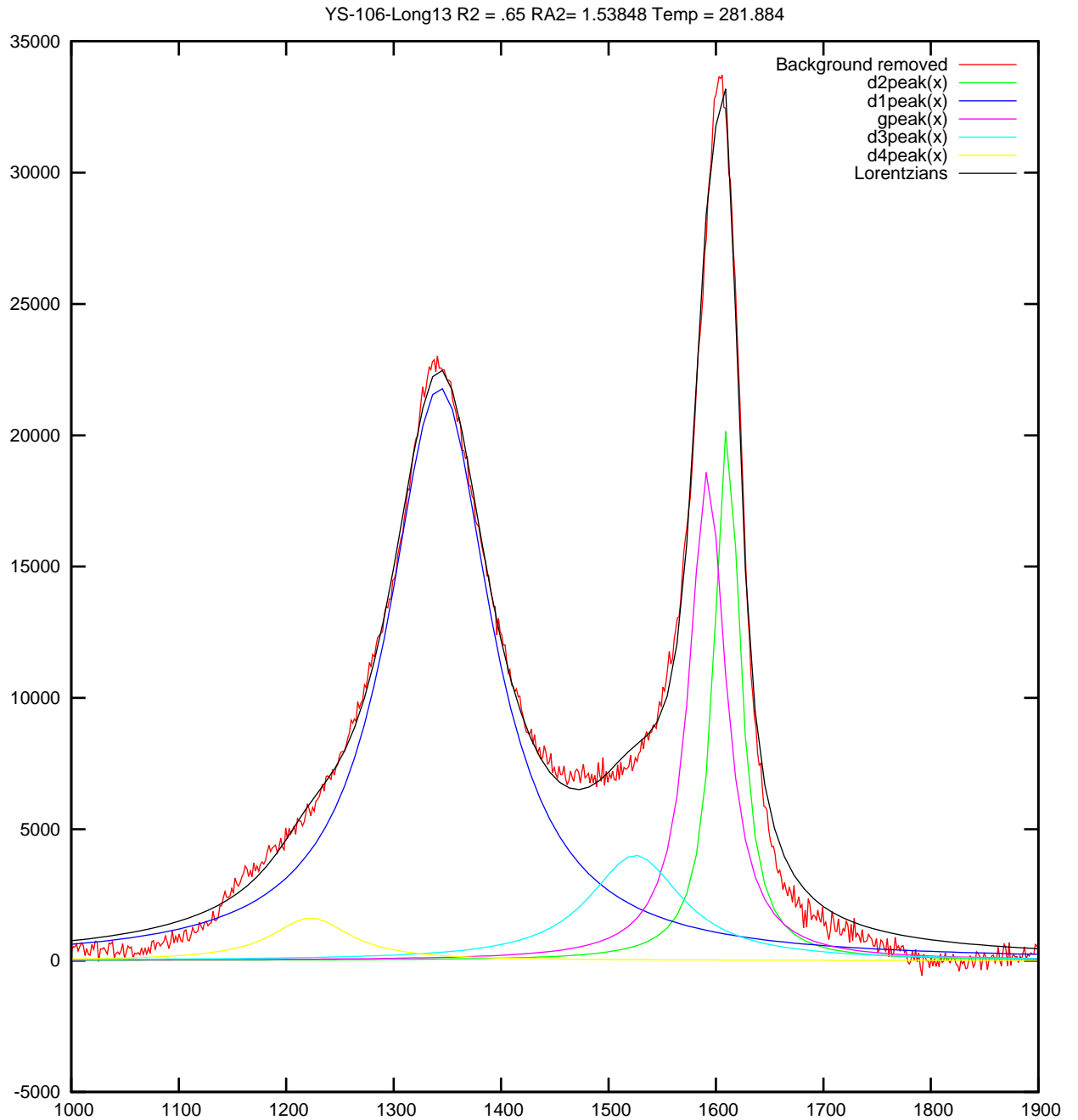
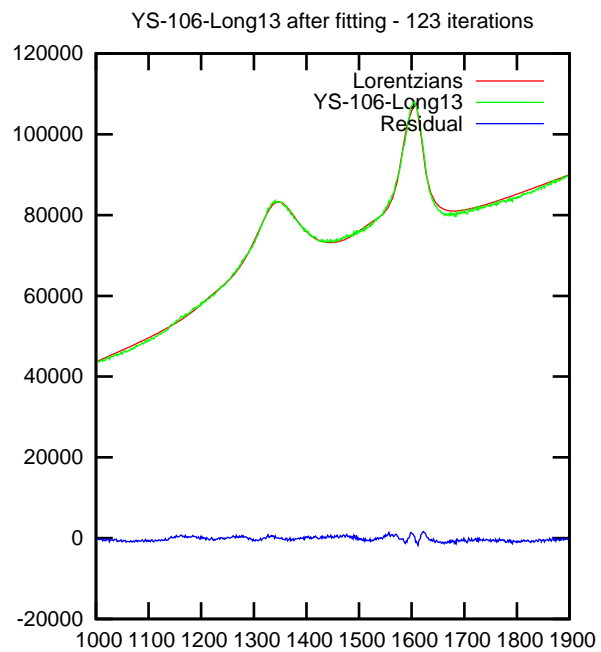
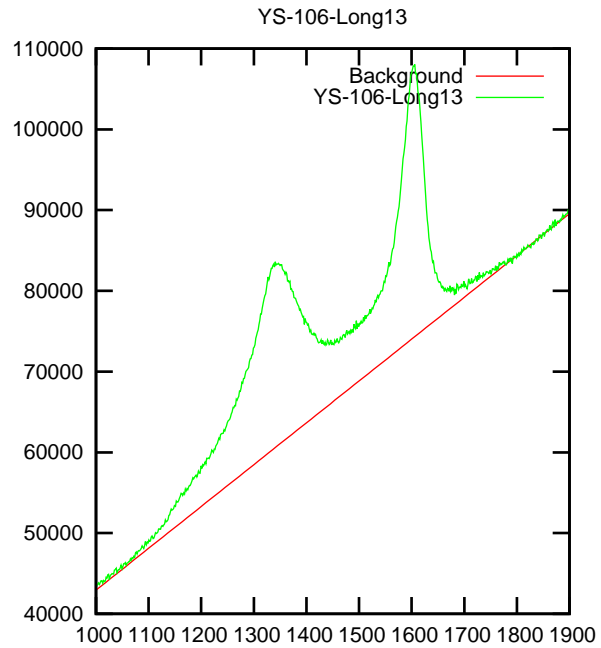
YS-106-Long11 R2 = .63 RA2= 1.57294 Temp = 289.542

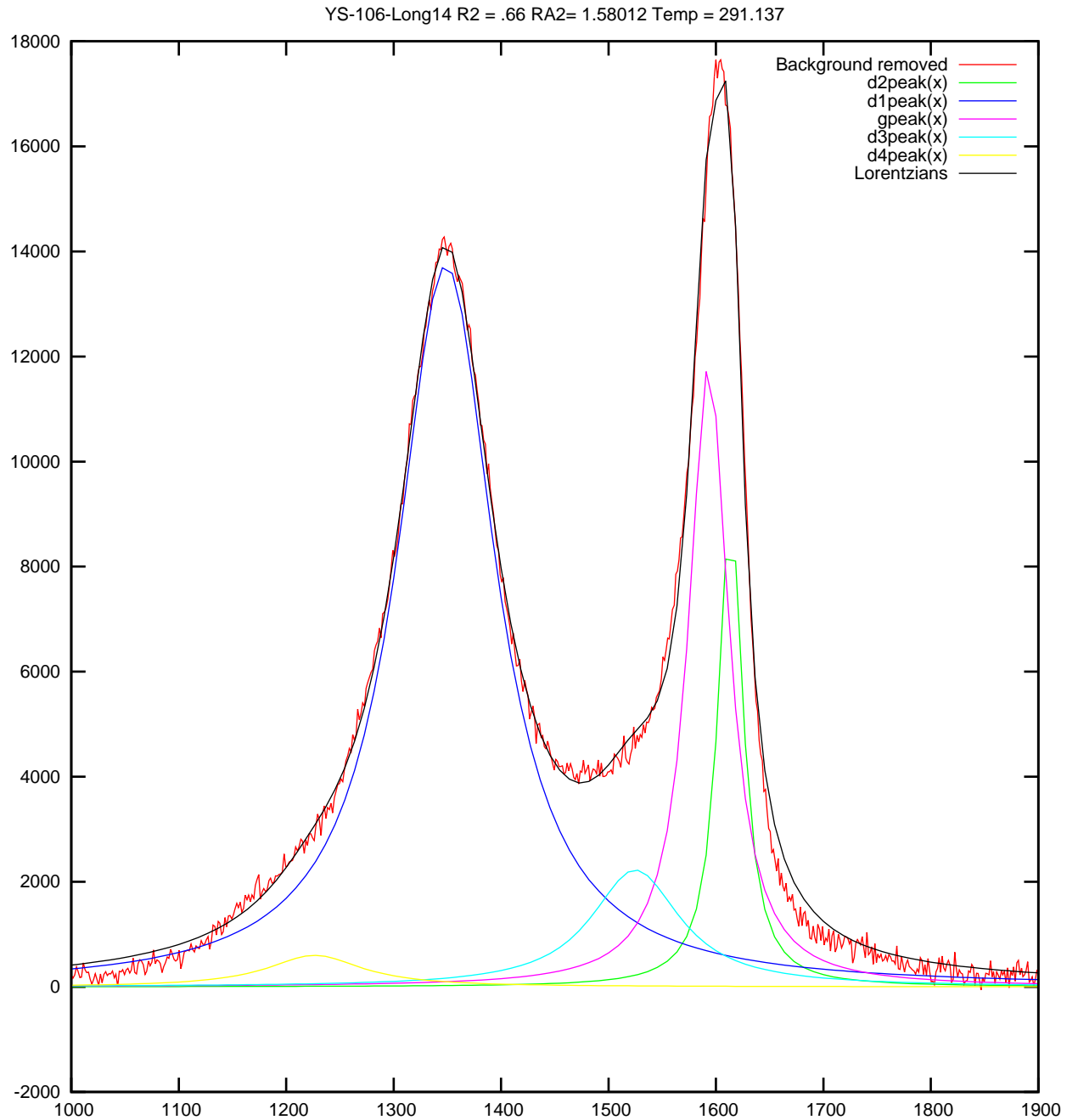
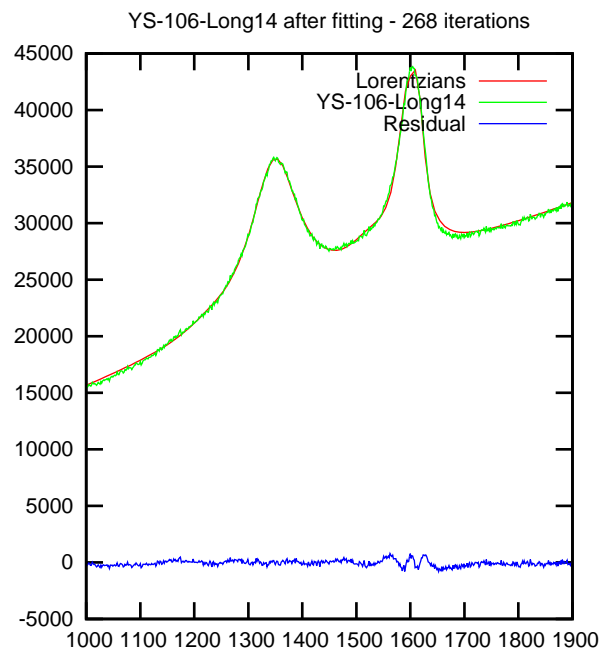
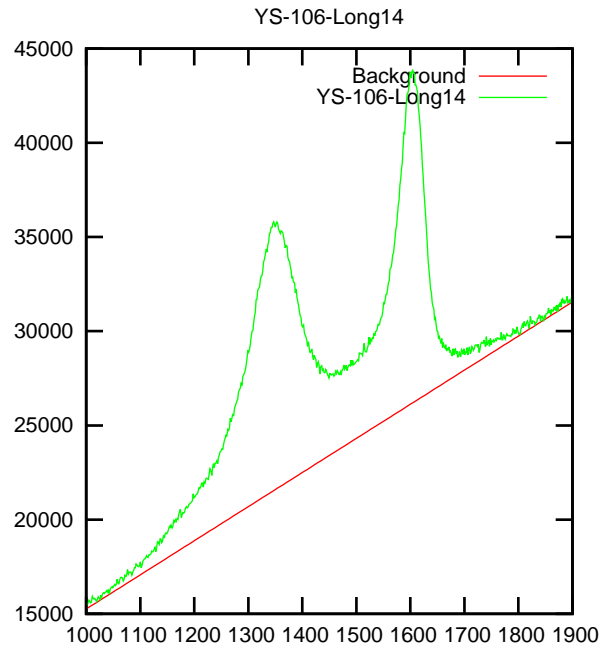


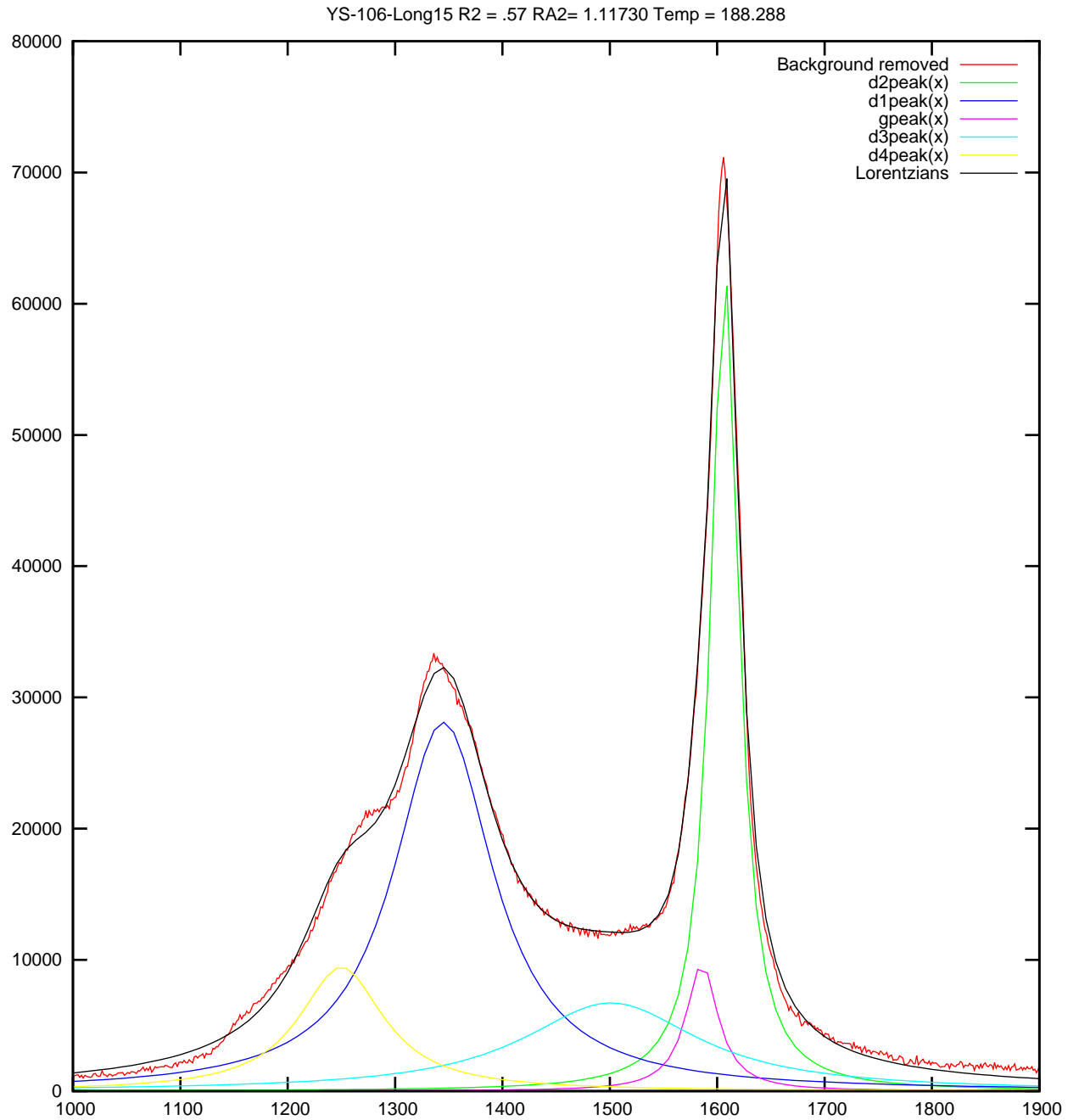
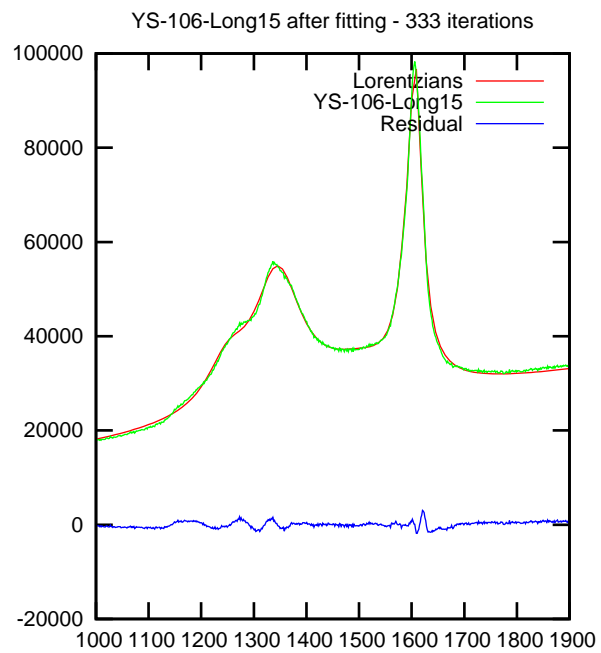
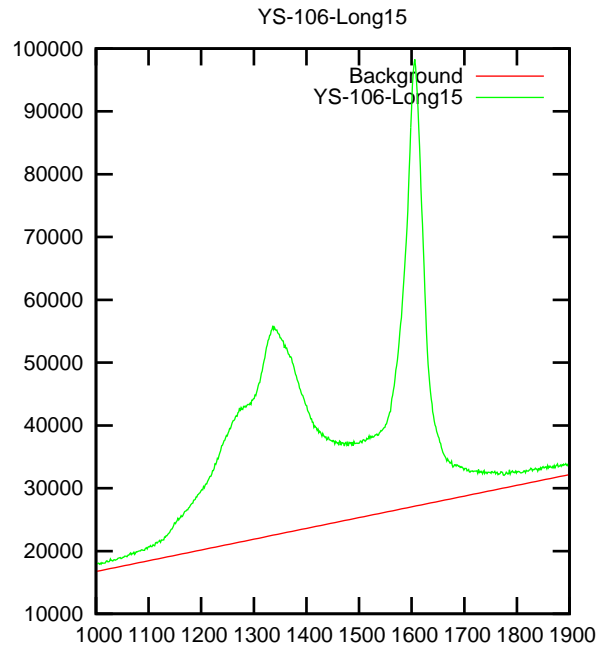
YS-106-Long11 after fitting - 688 iterations

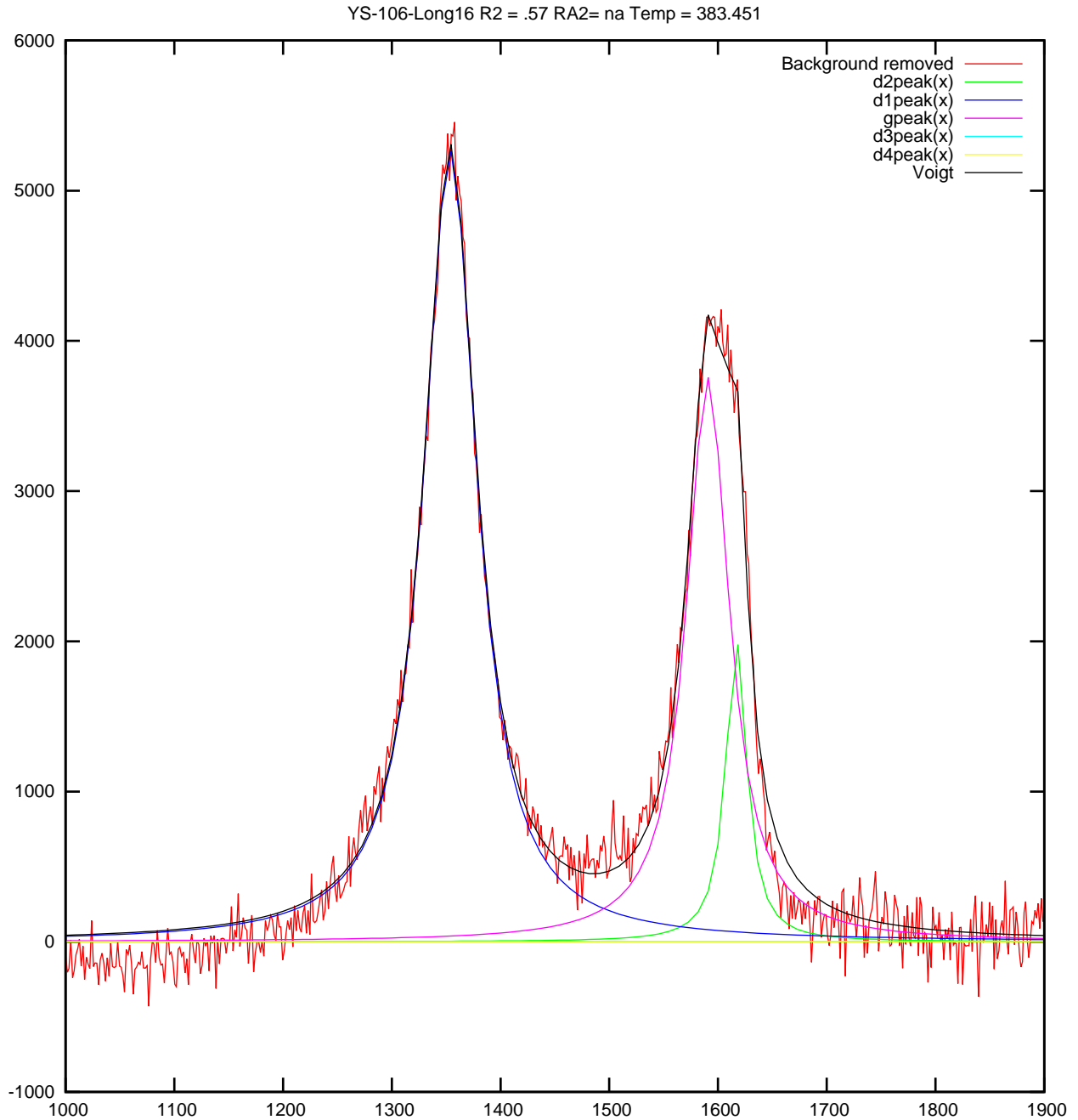
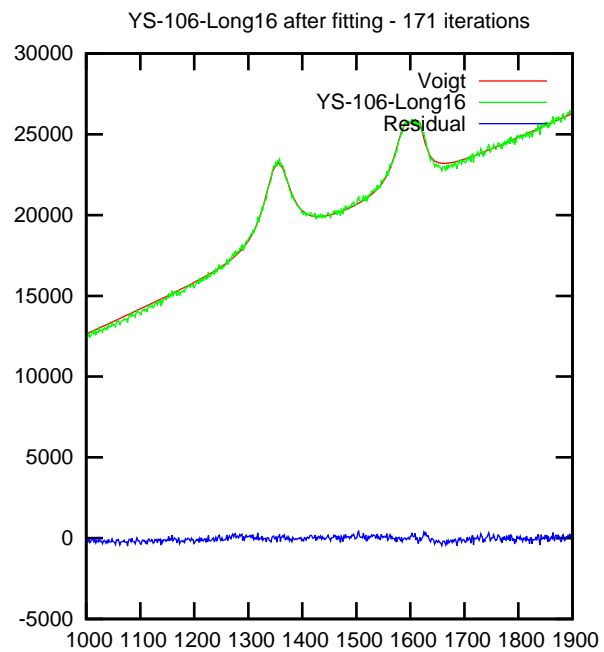
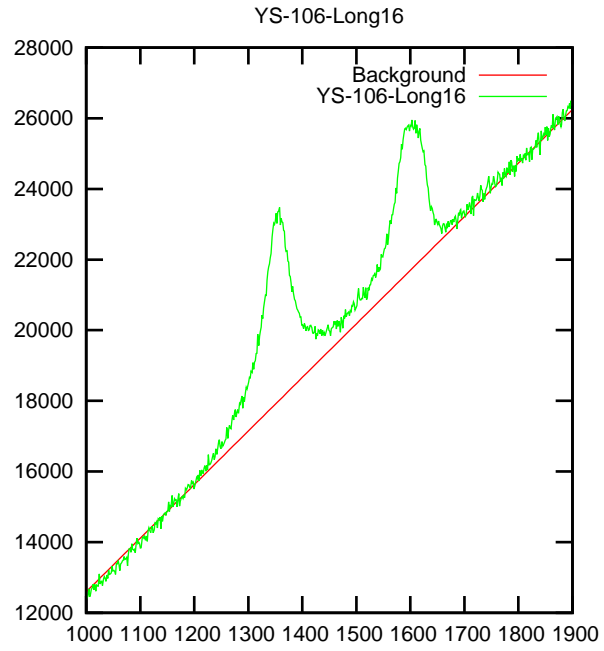


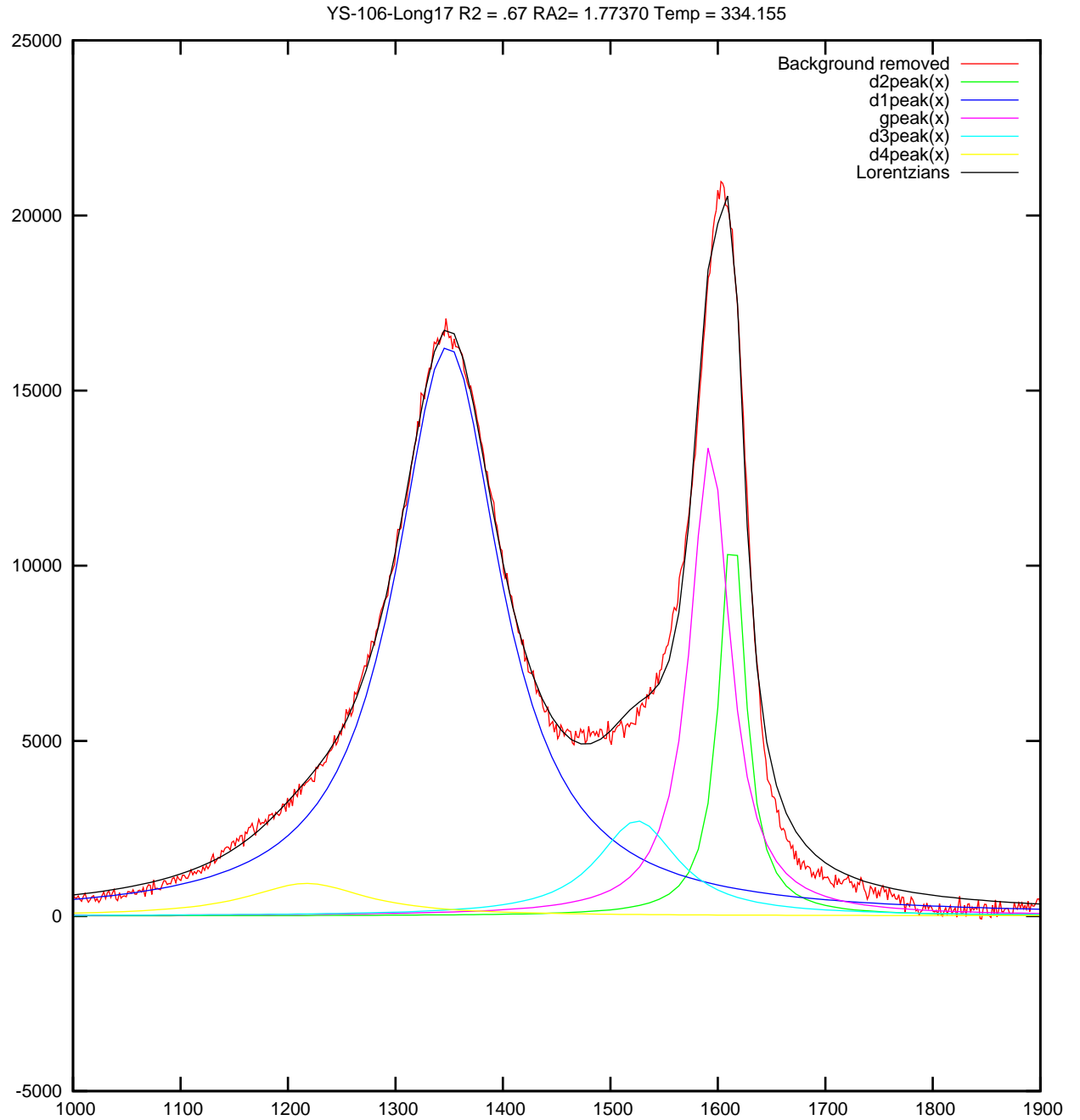
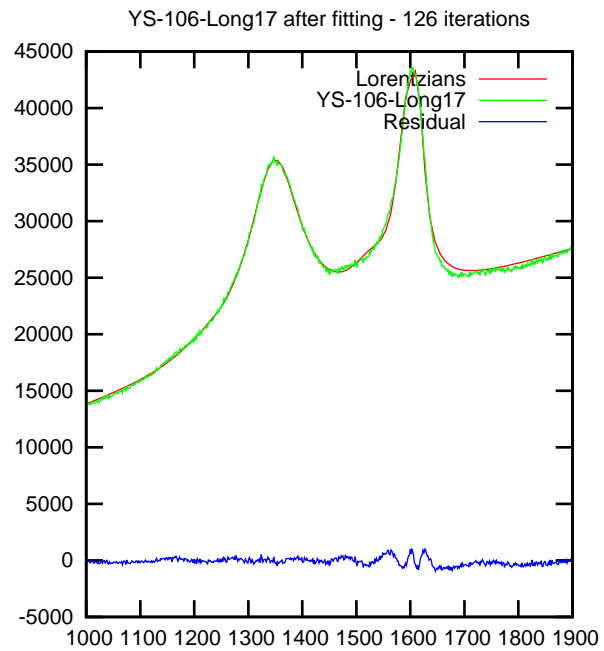
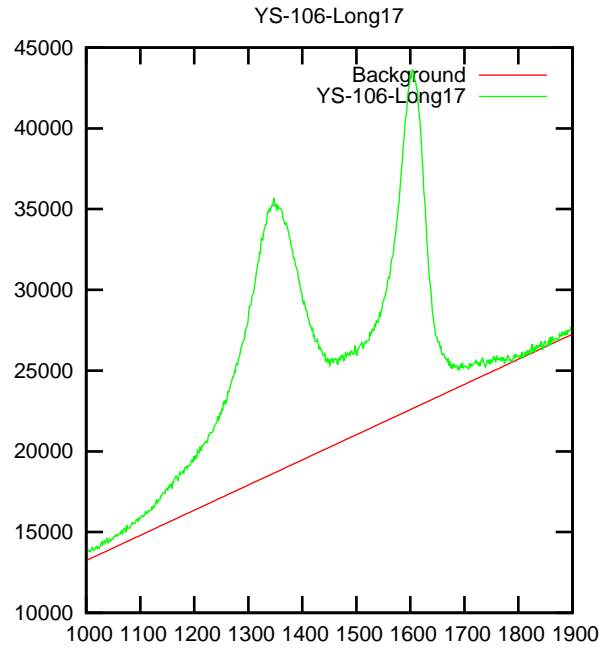


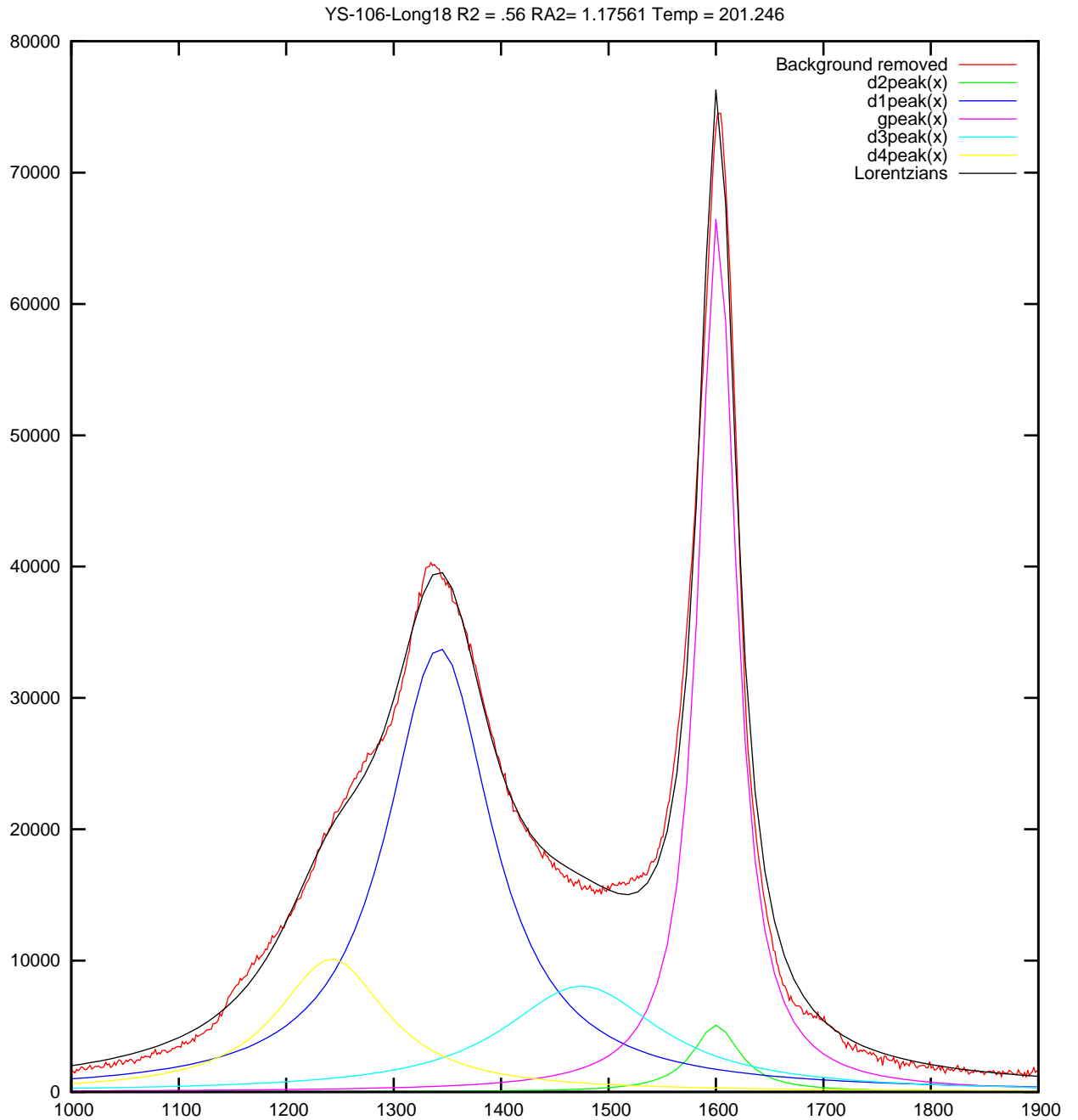
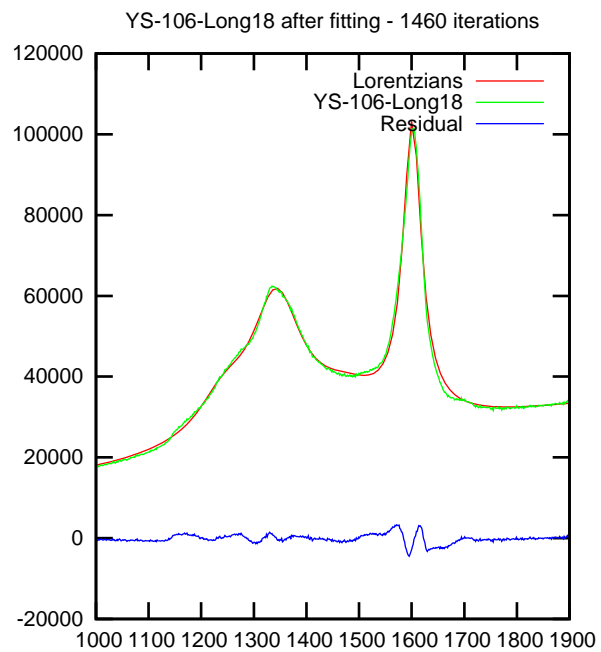
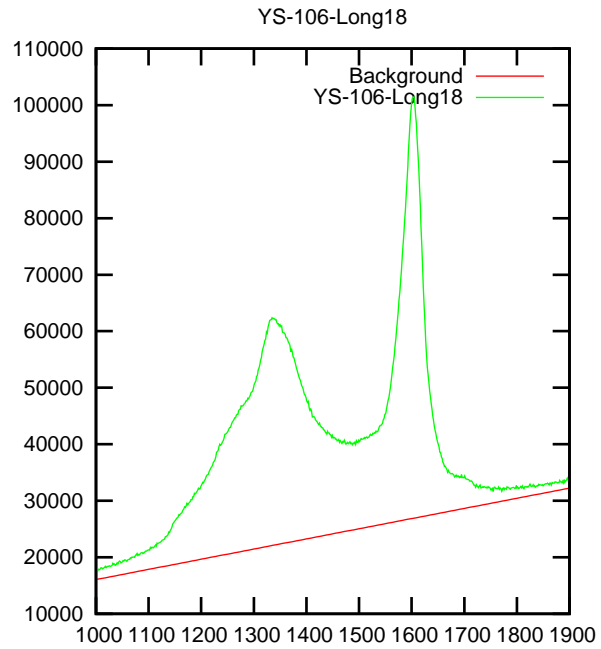


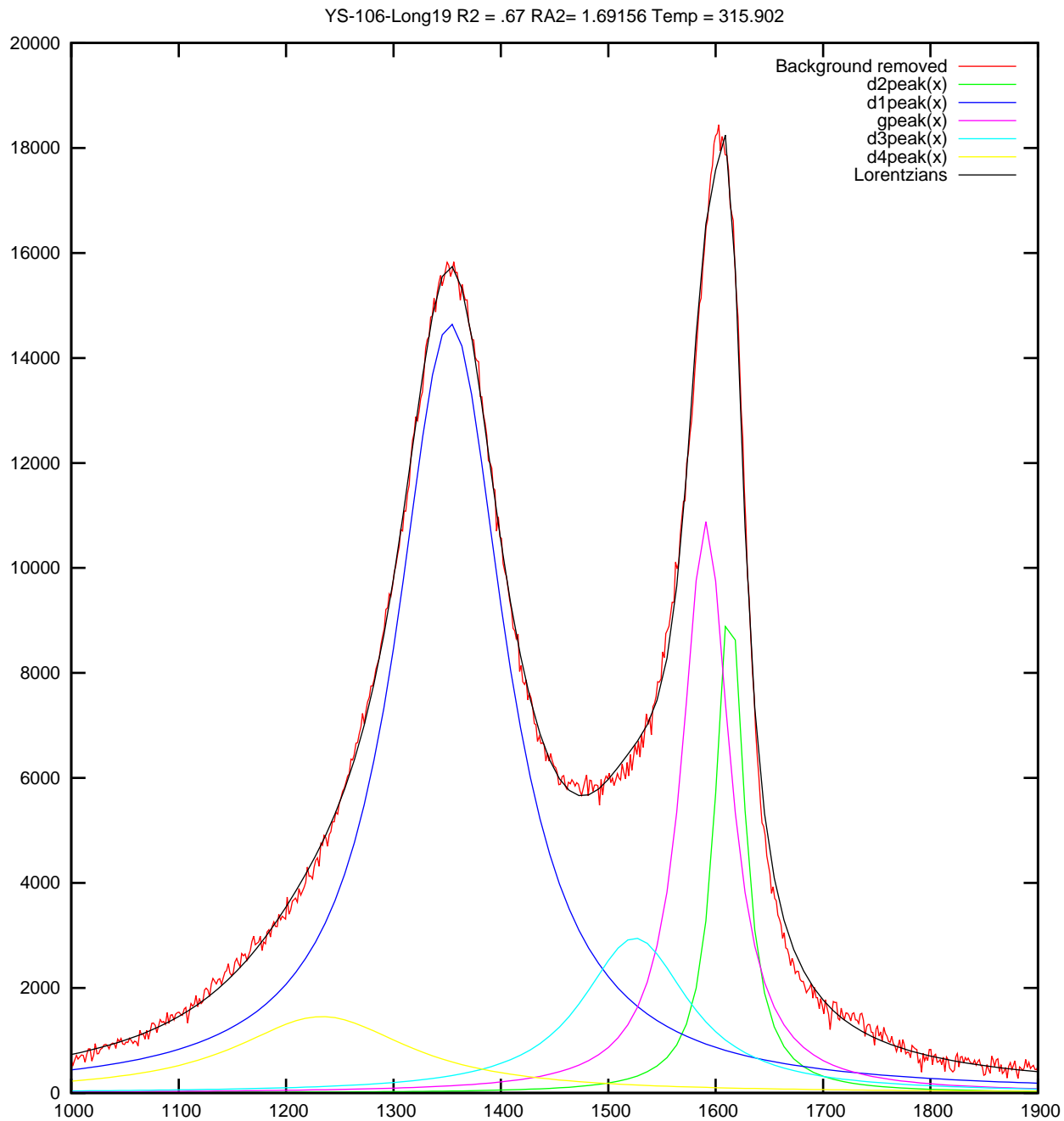
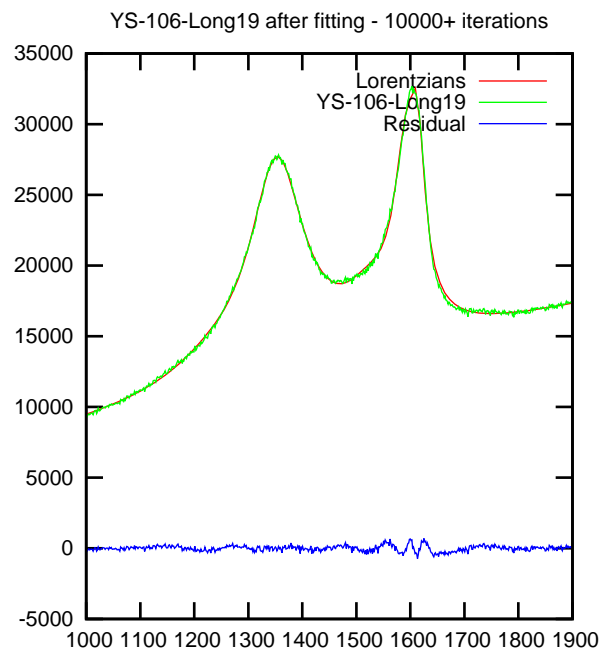
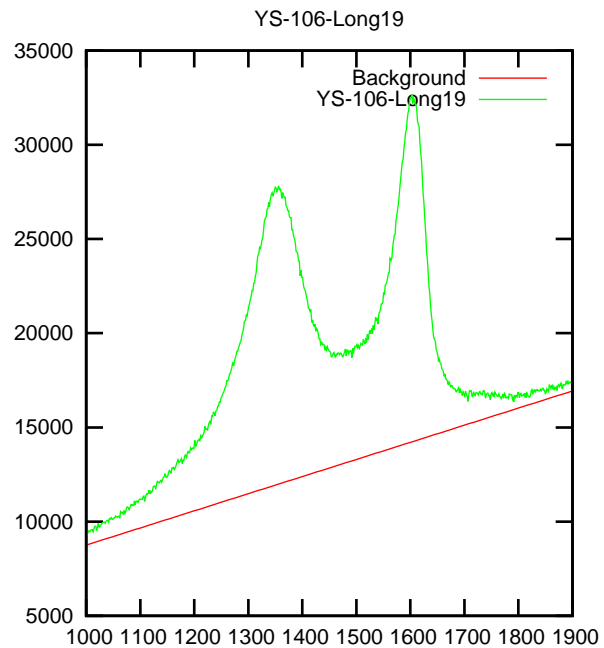


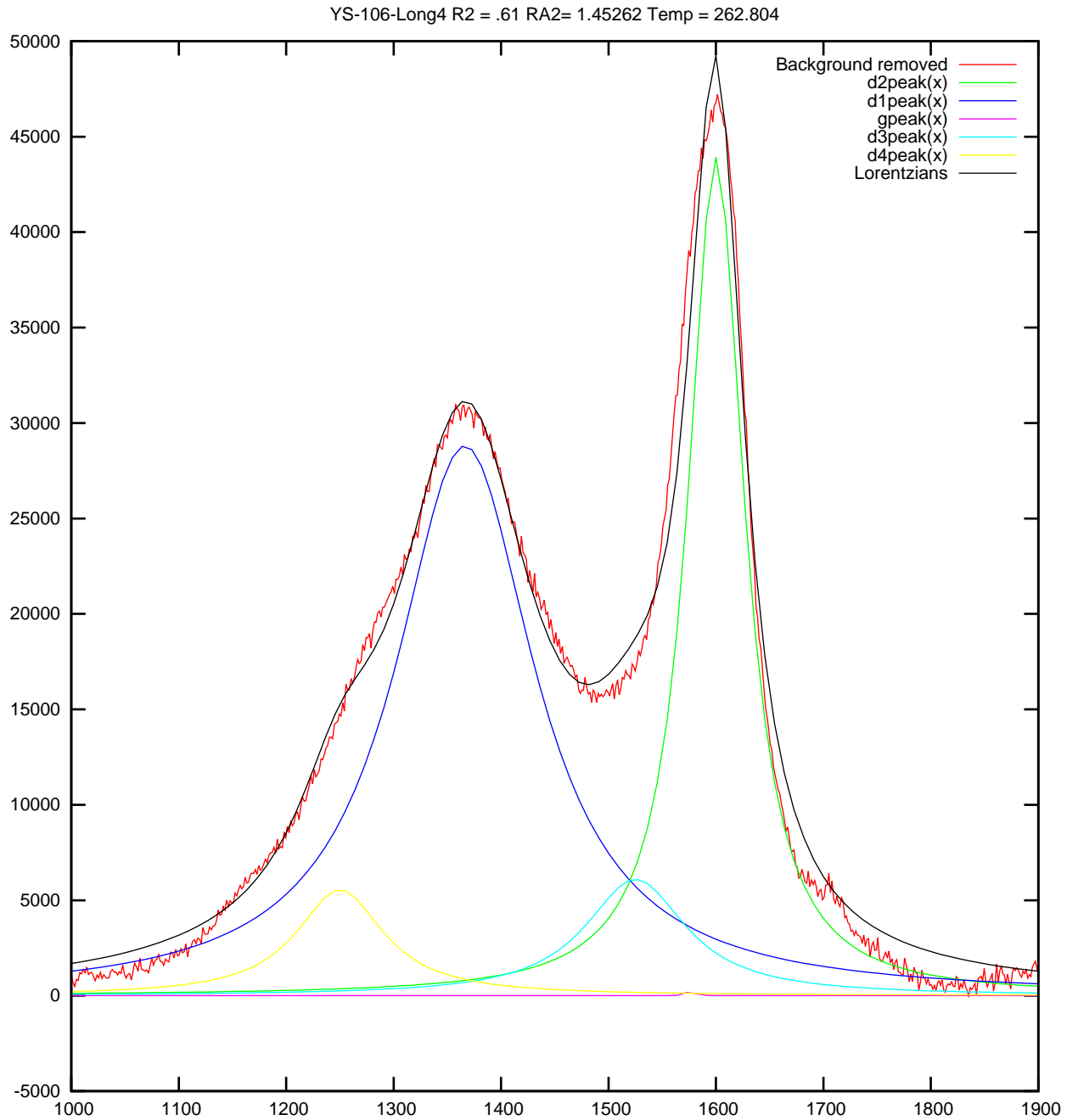
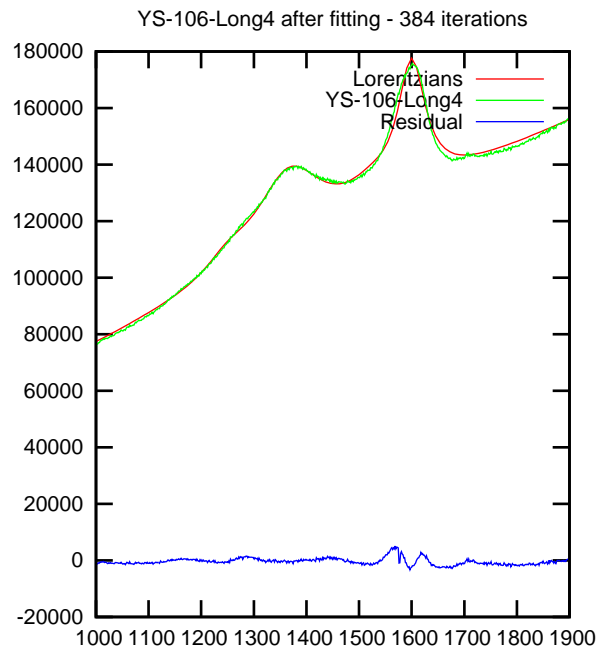
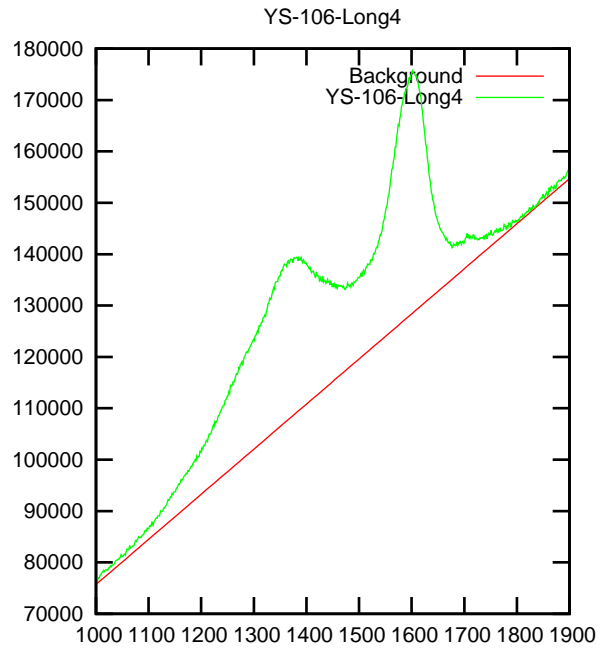


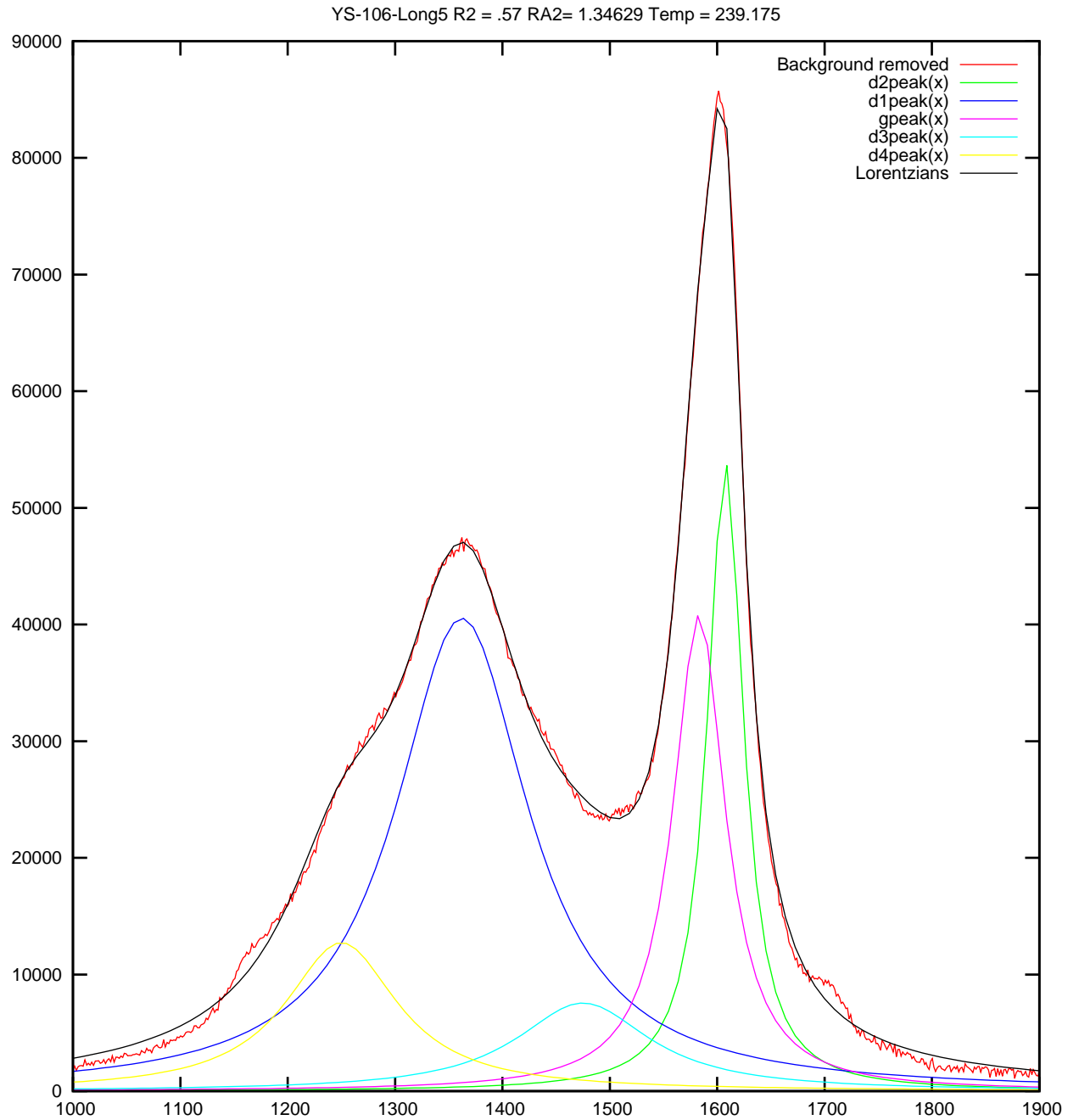
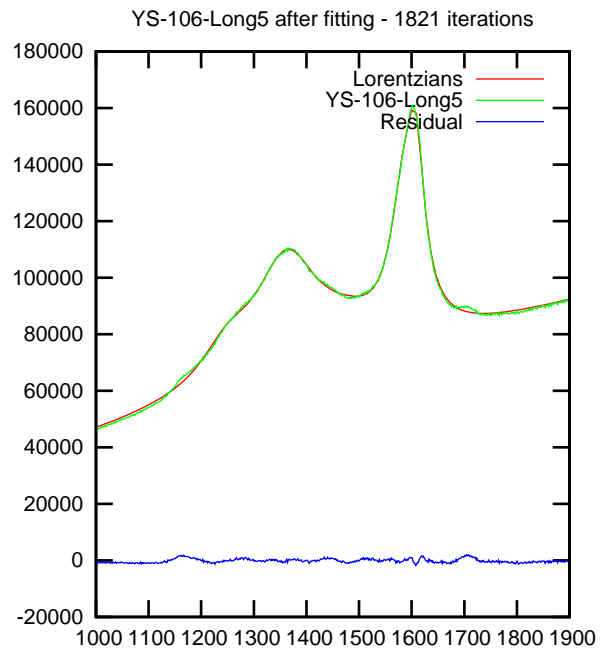
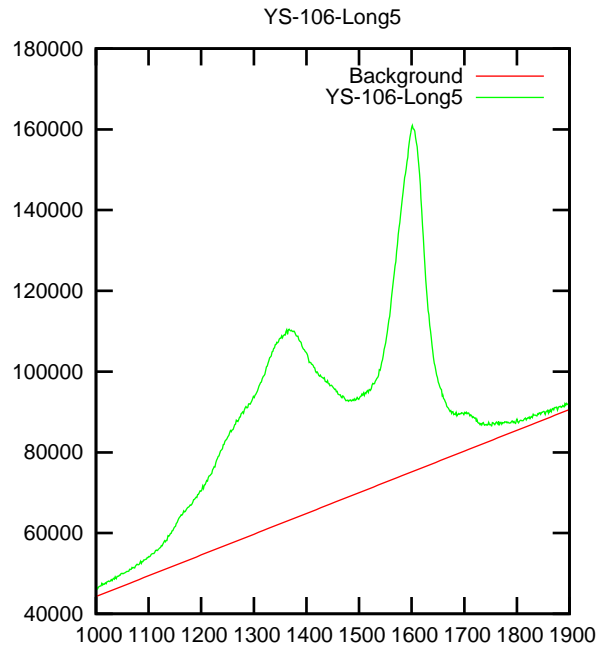


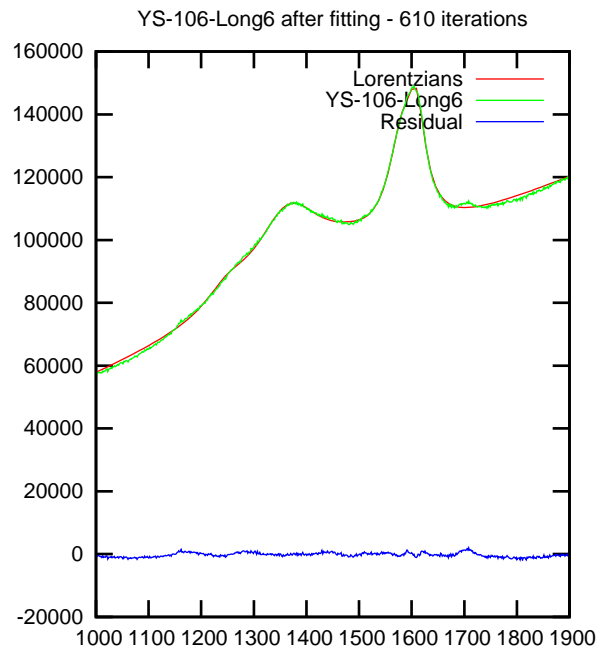
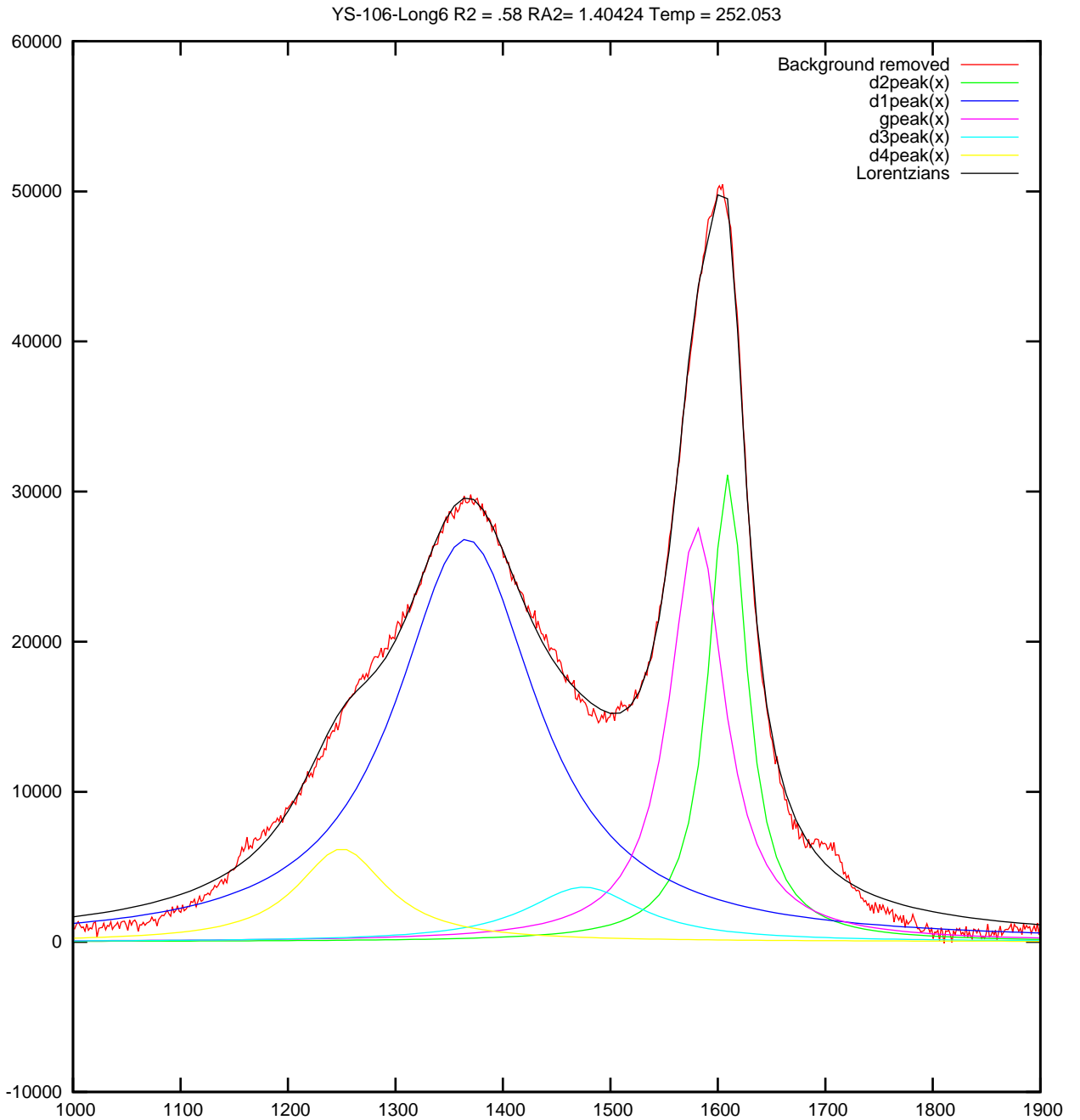
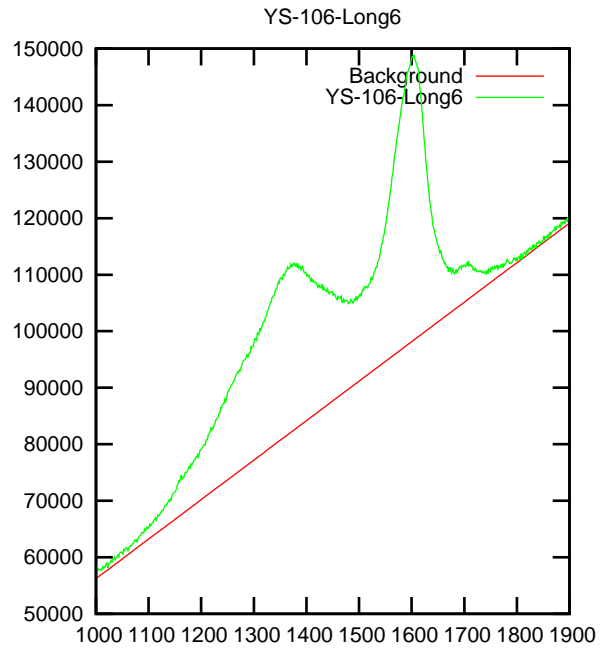


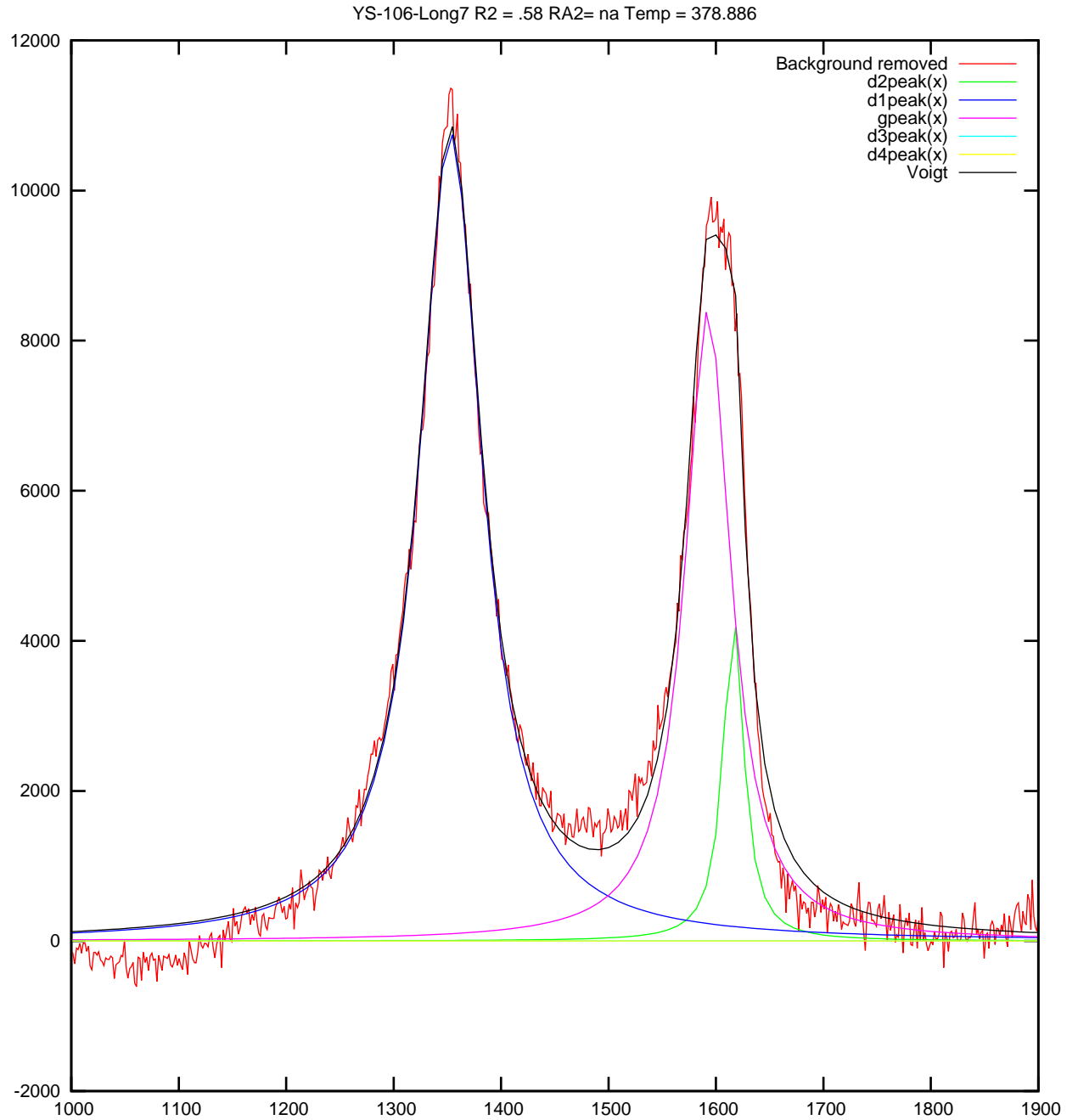
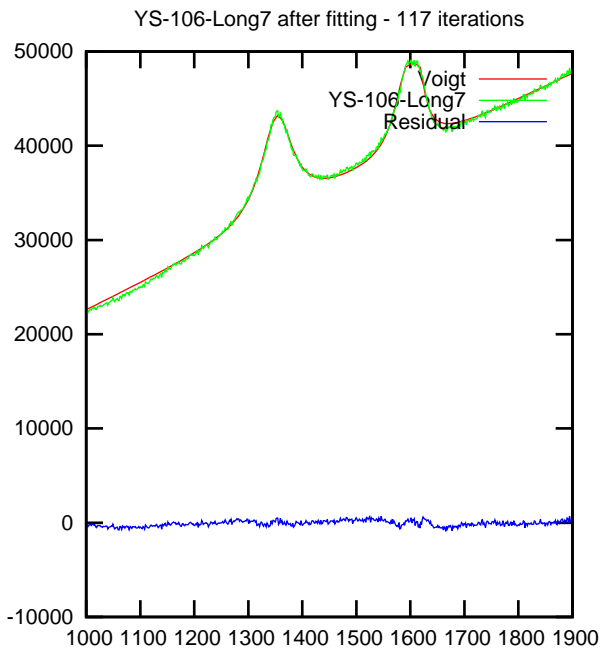
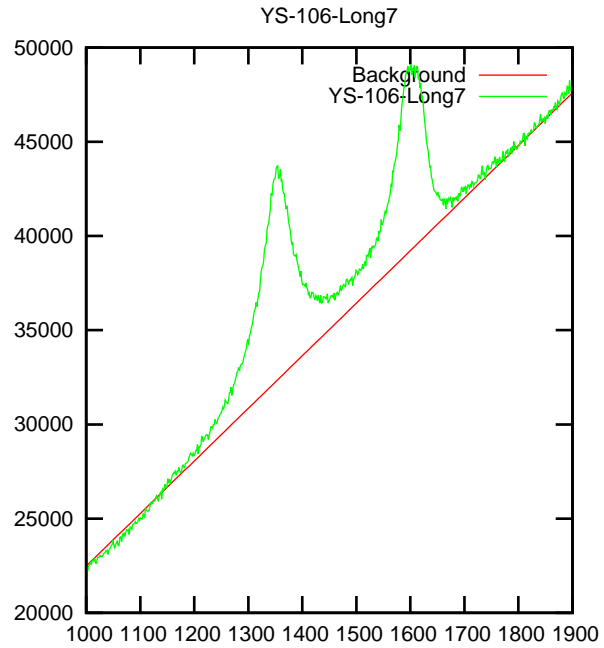


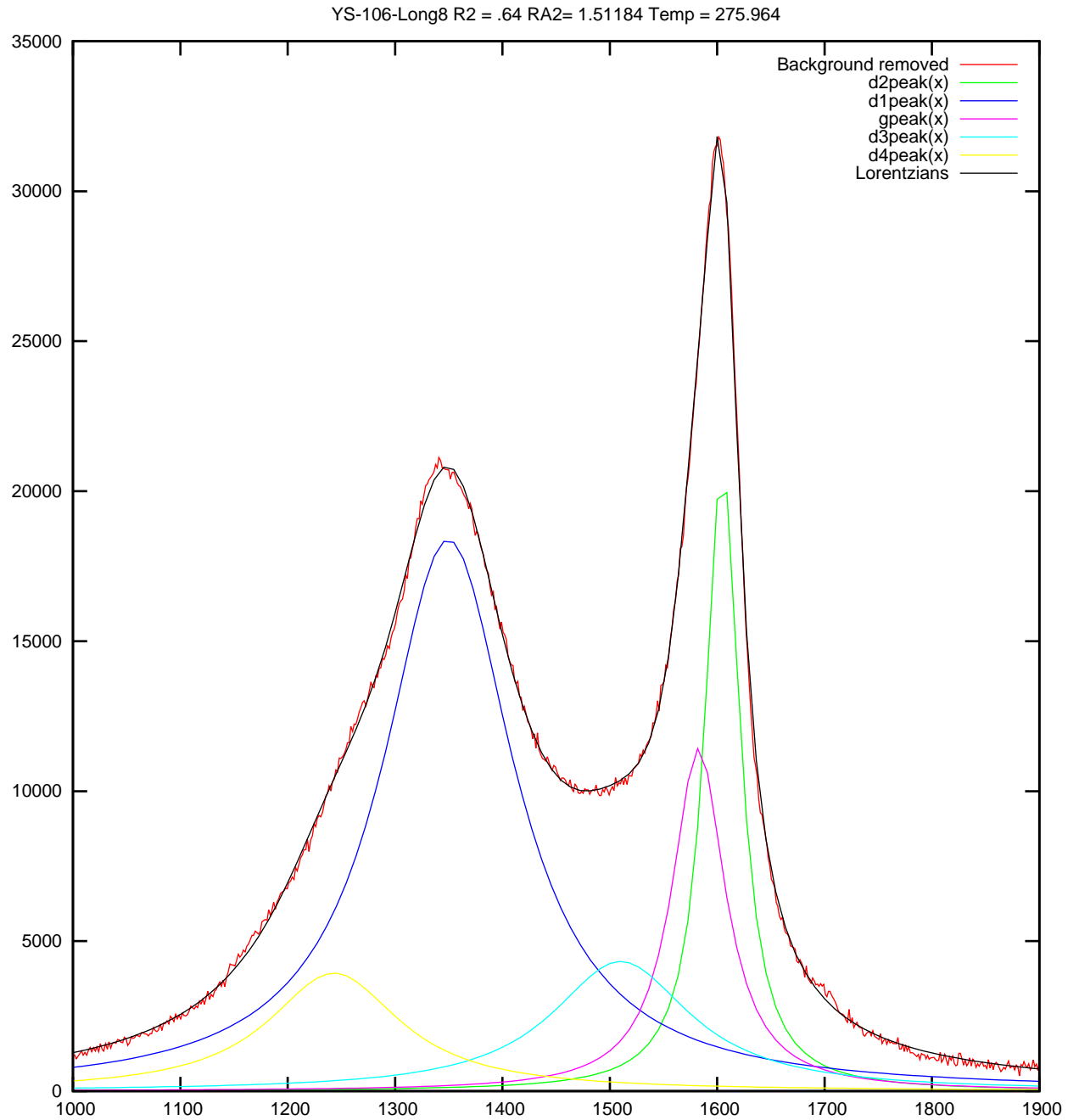
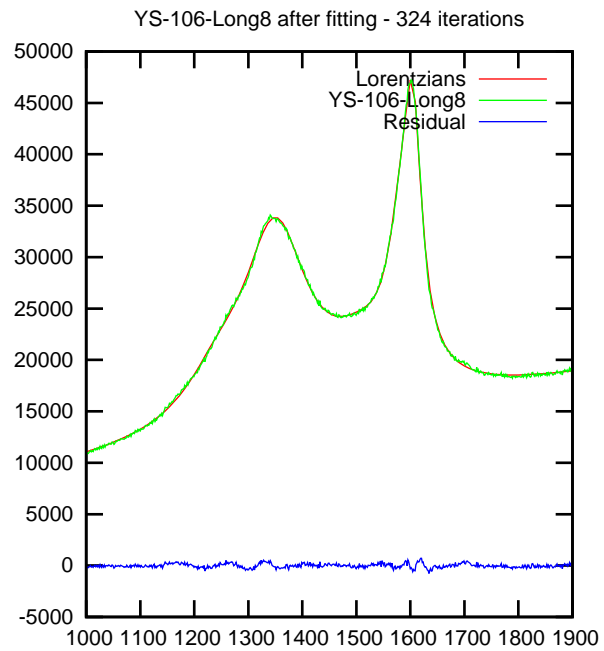
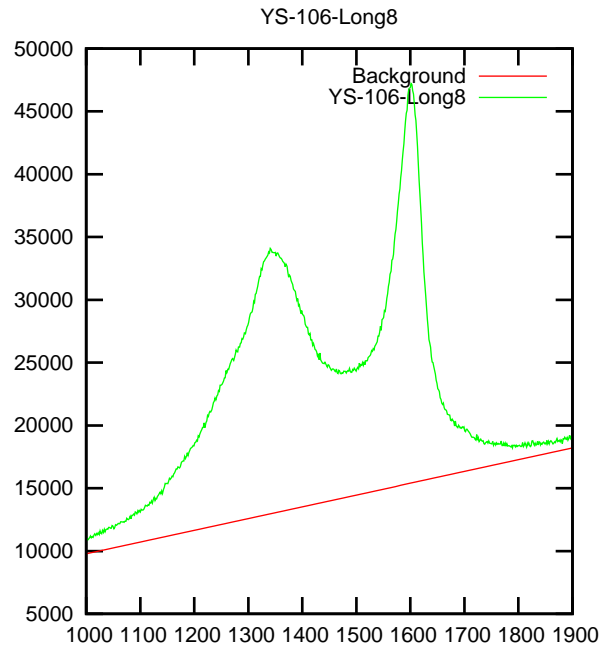


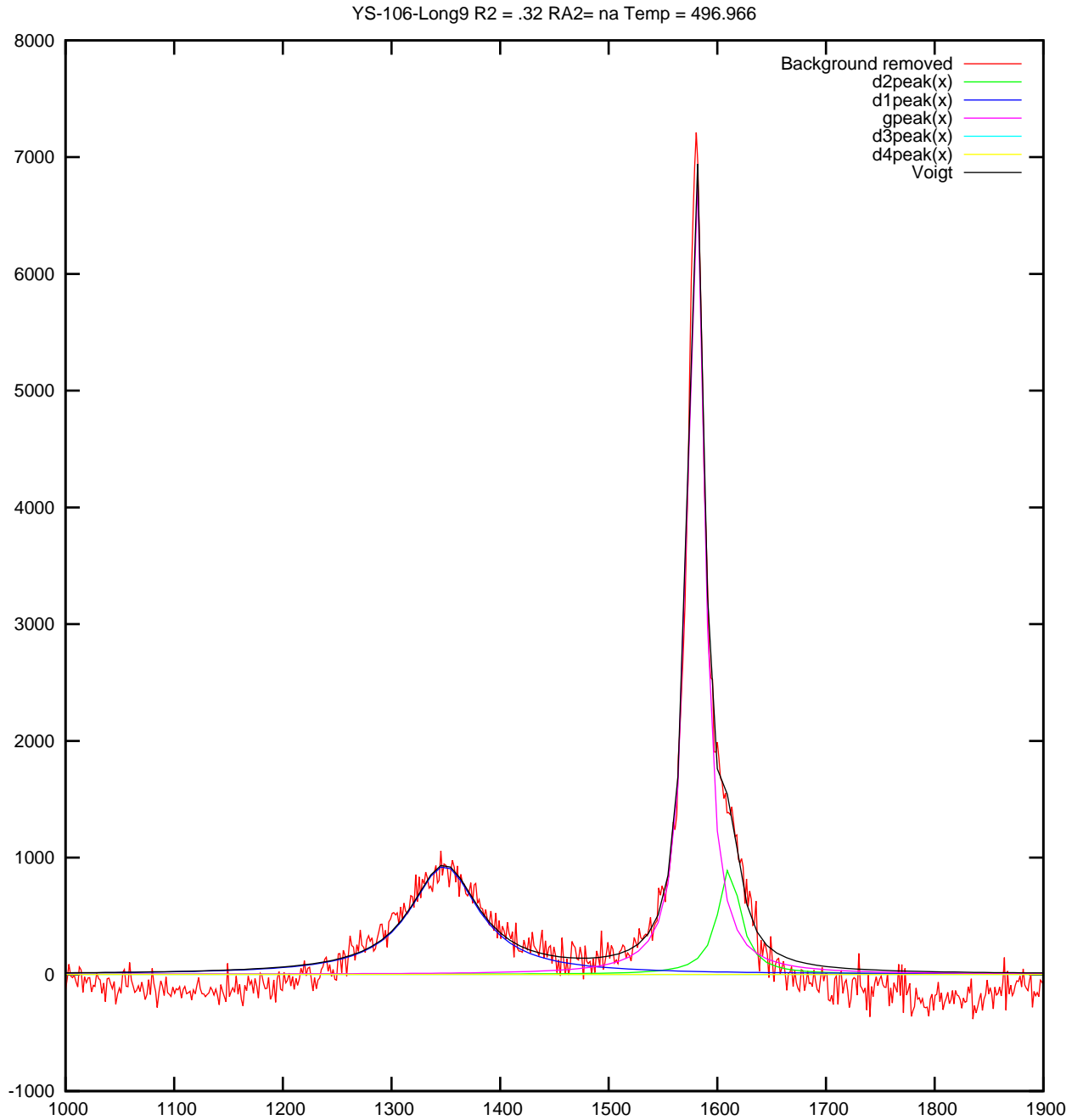
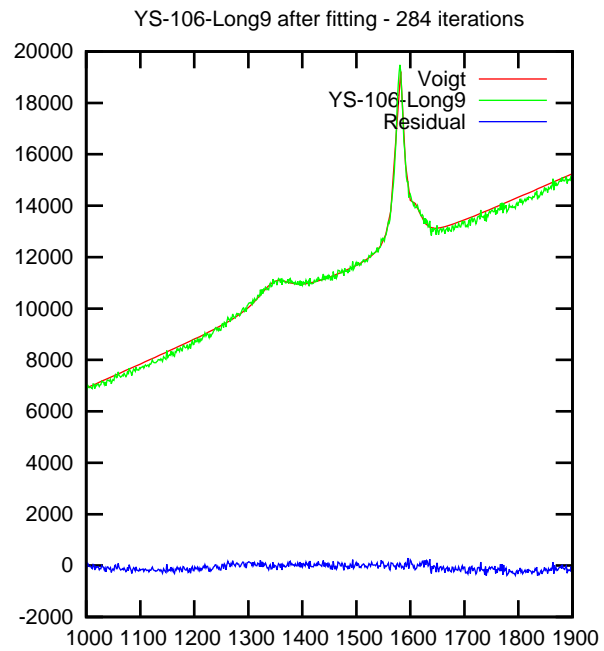
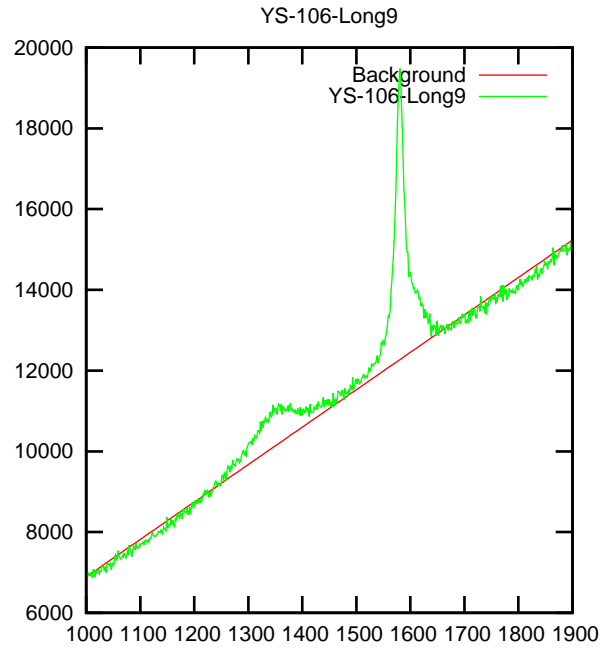


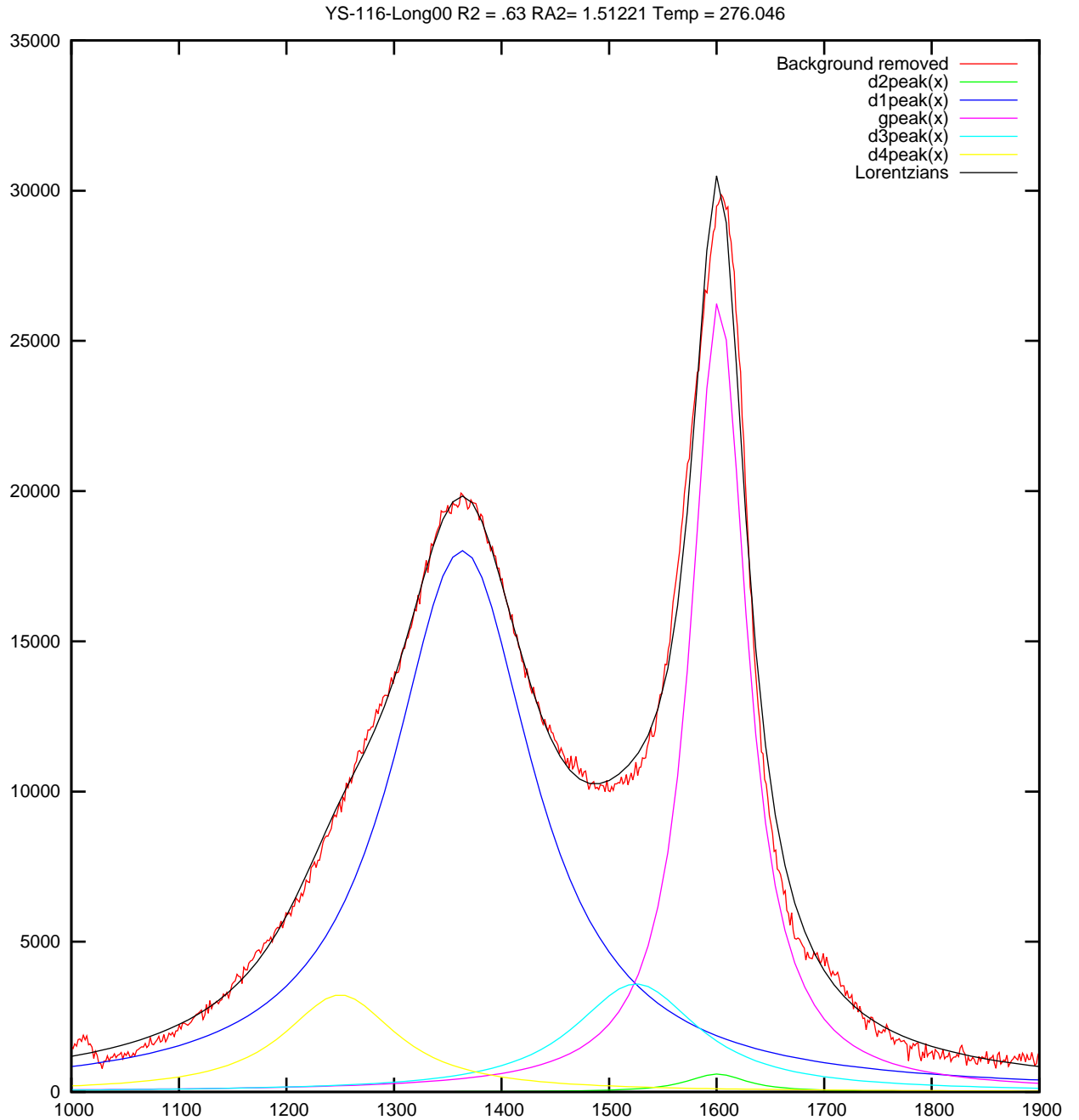
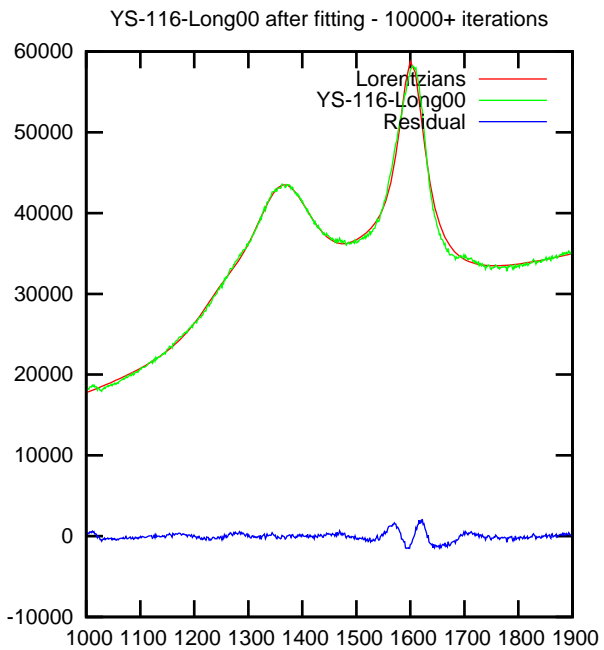
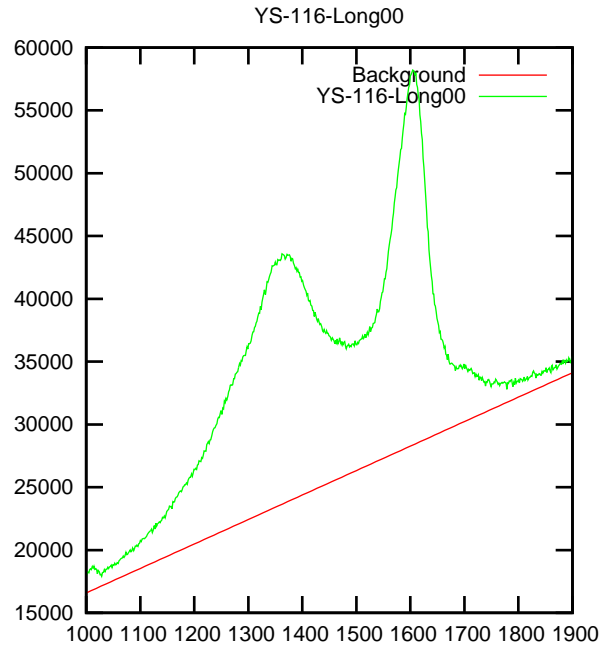


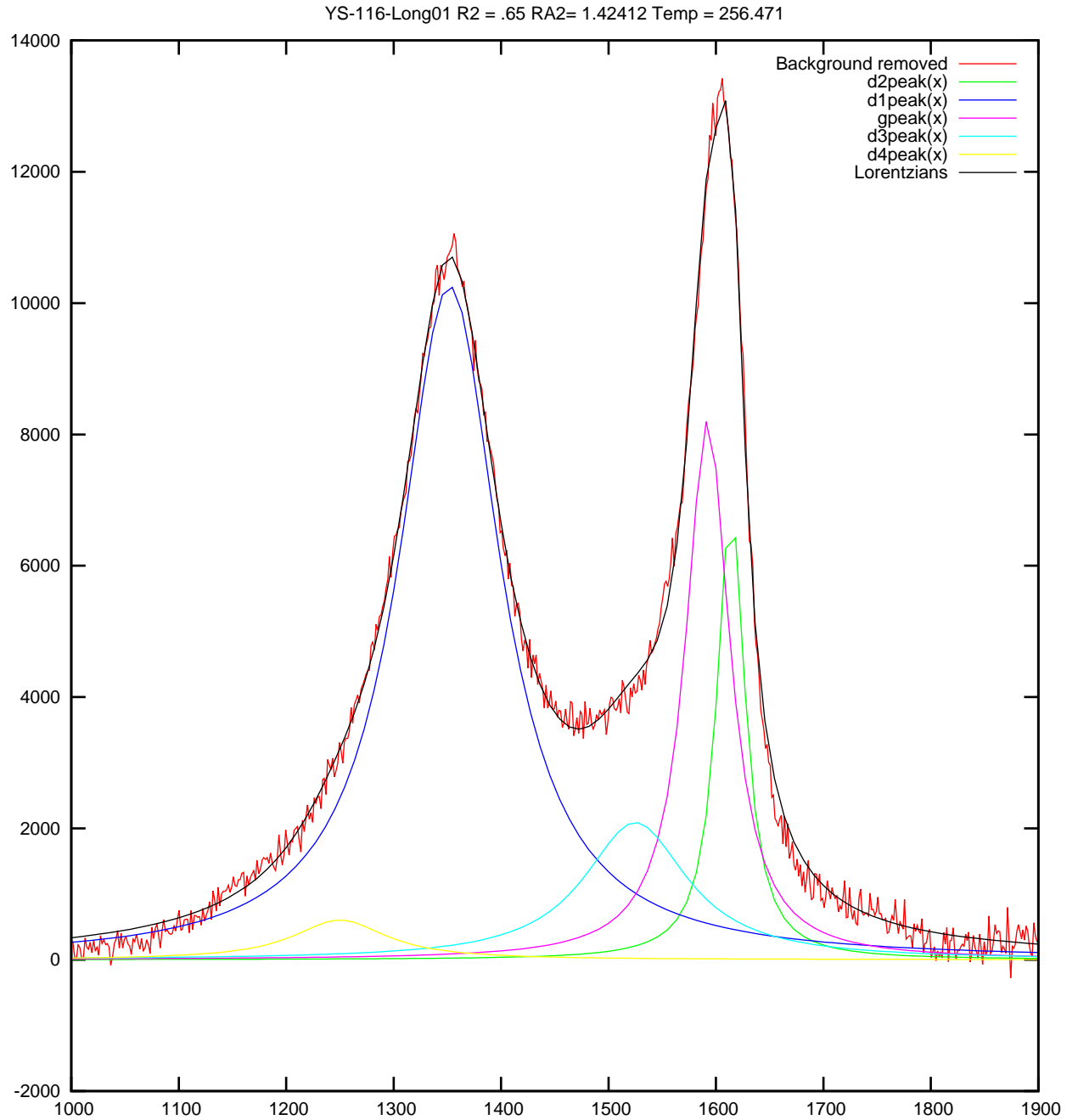
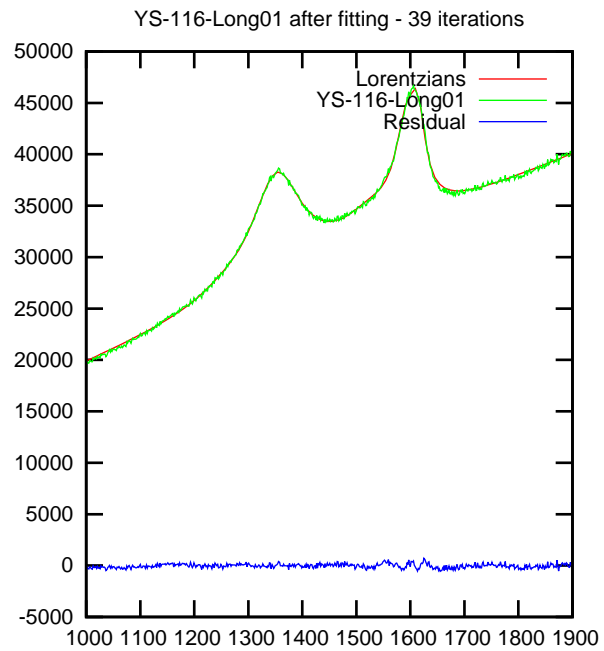
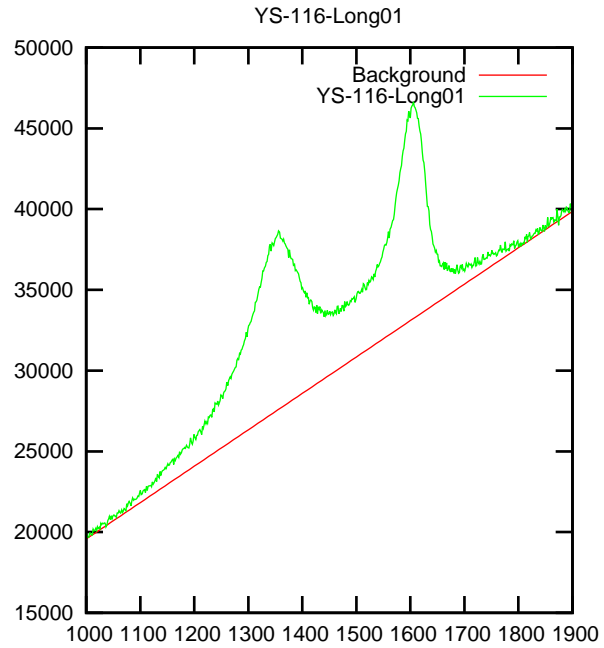


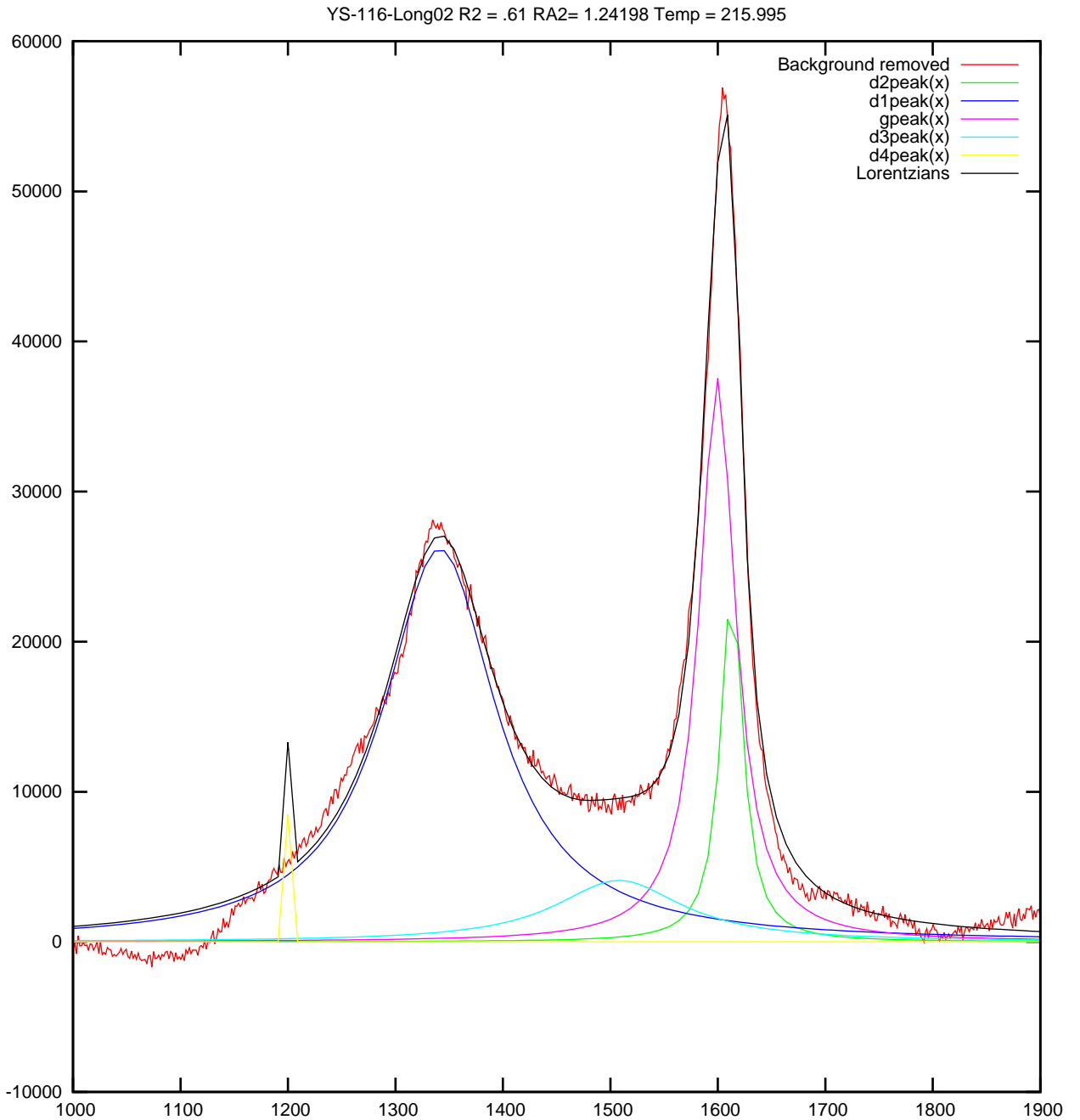
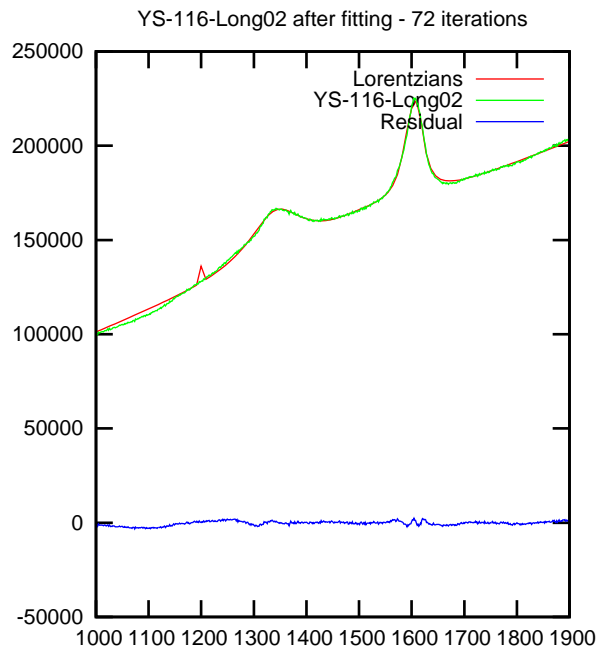
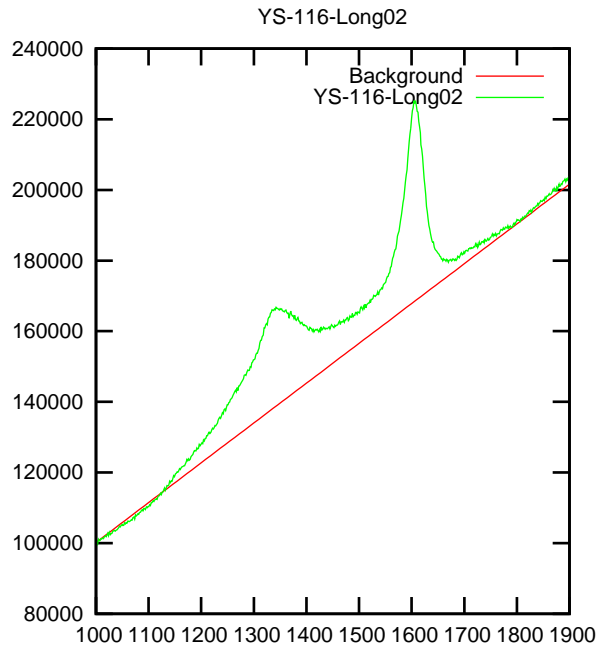


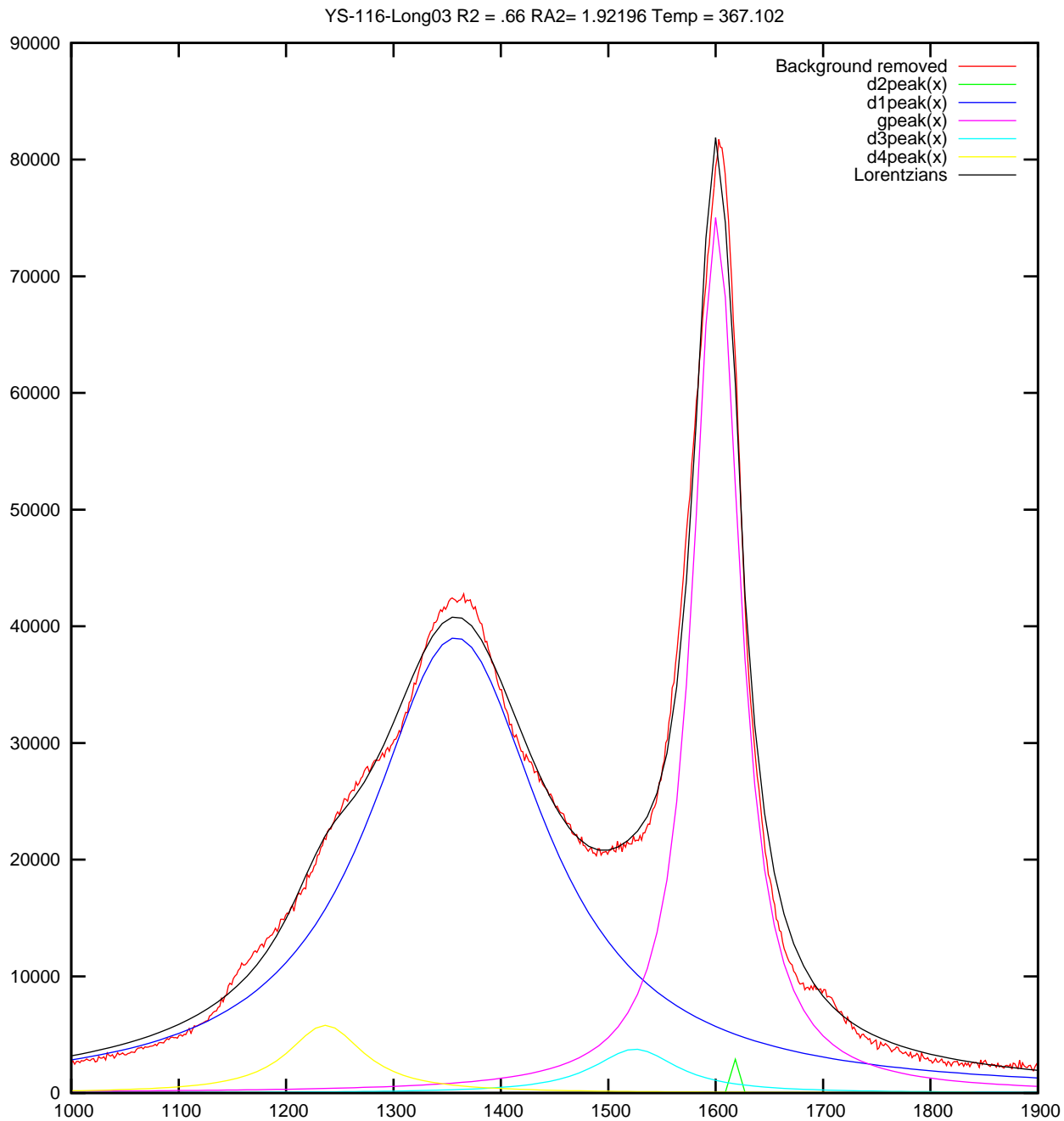
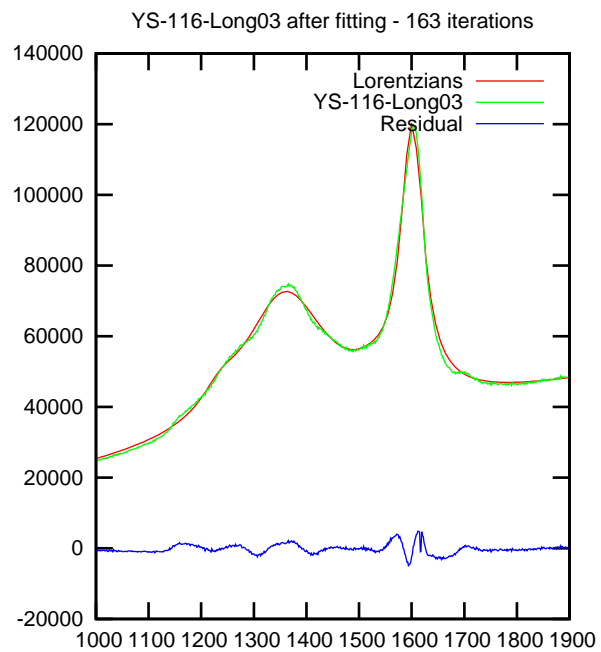
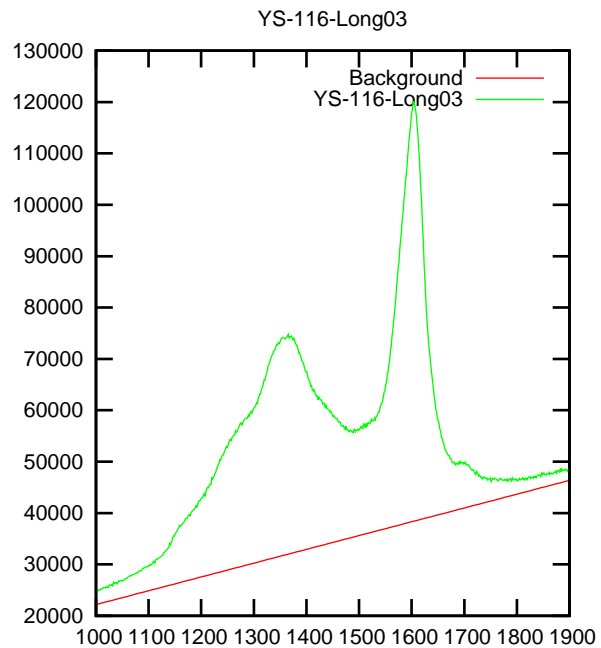


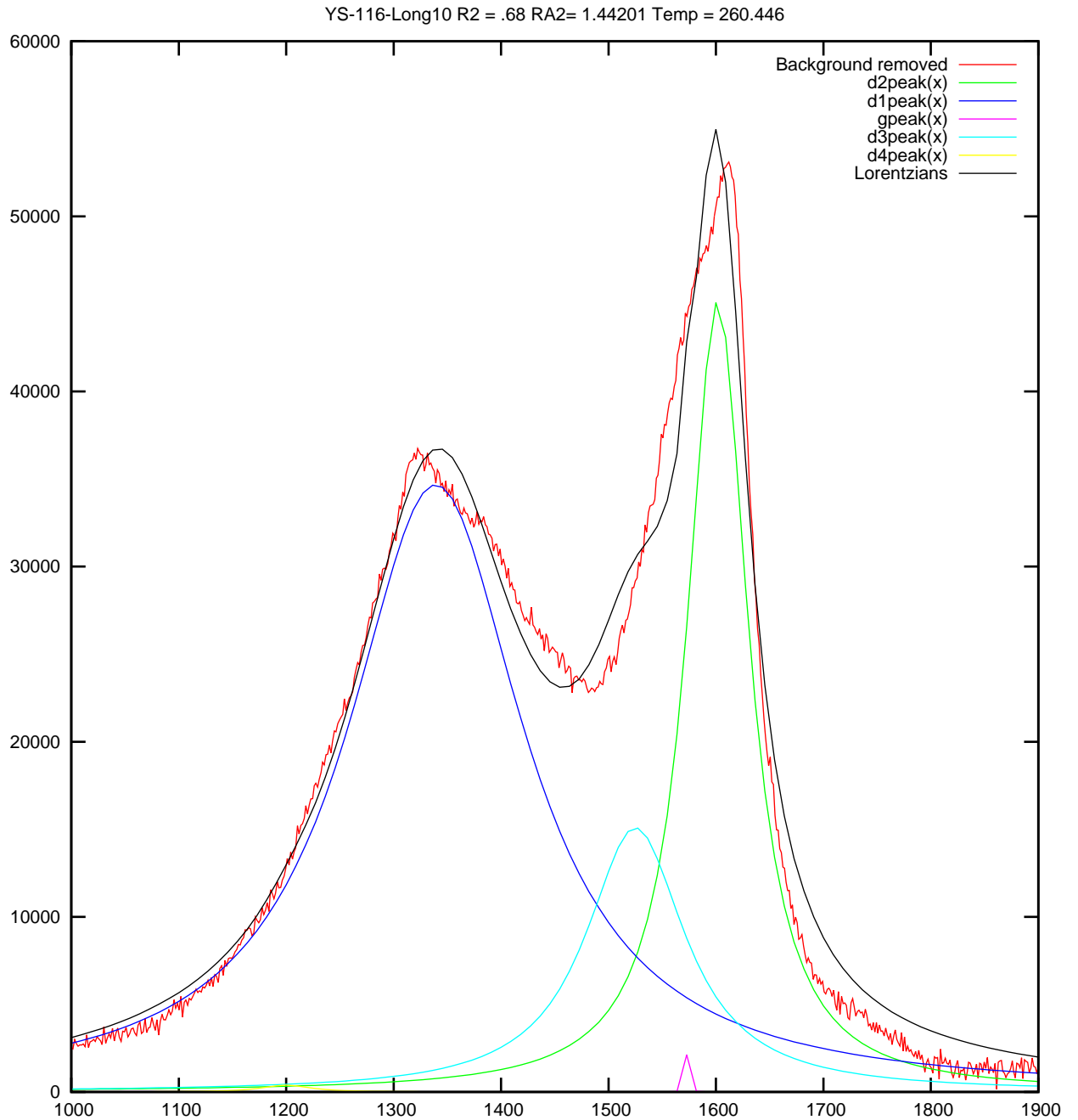
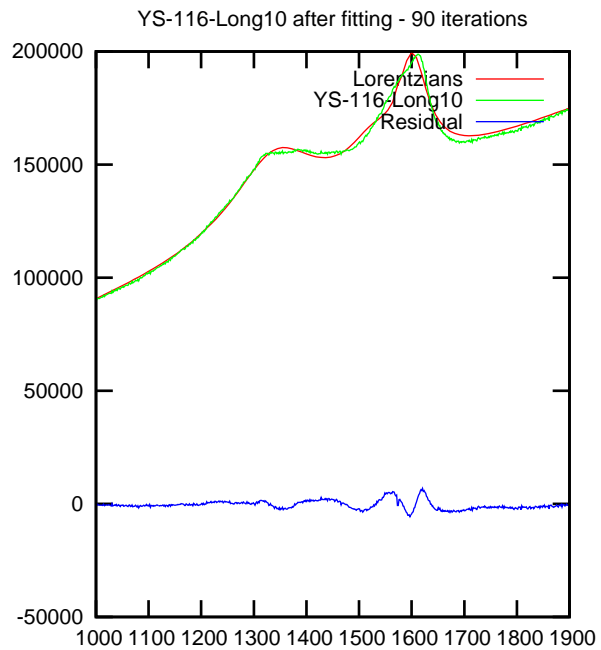
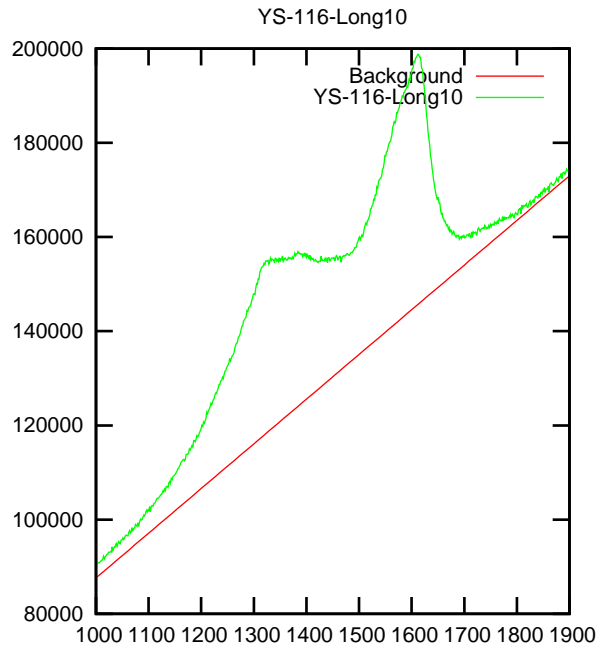


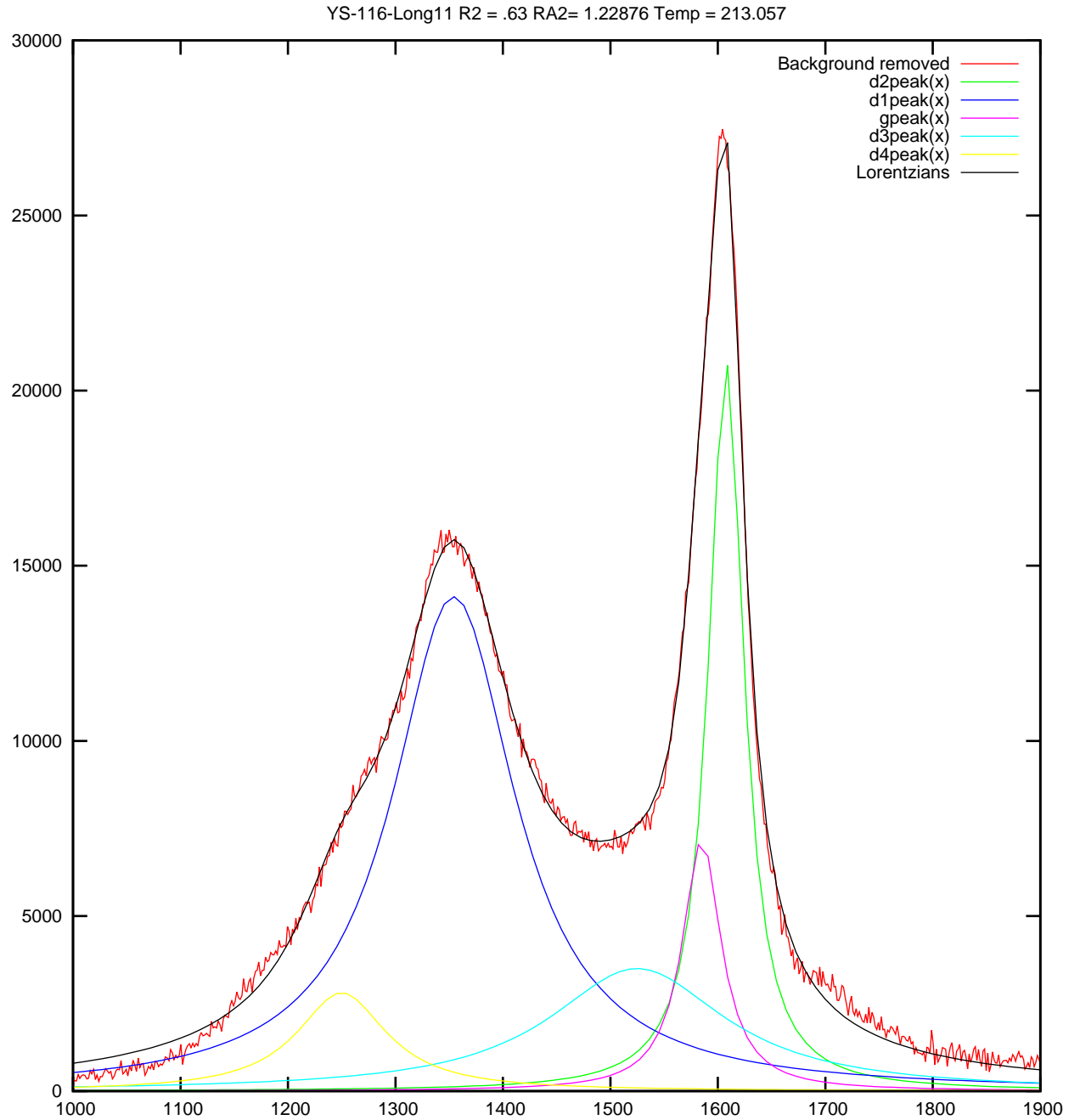
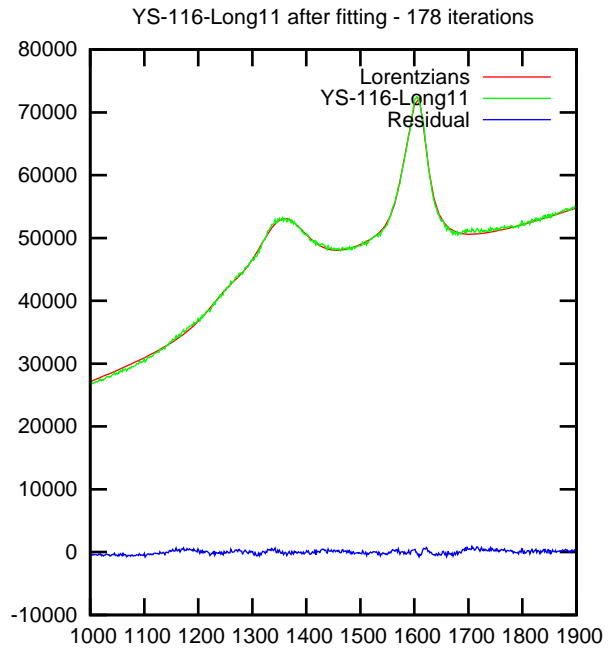
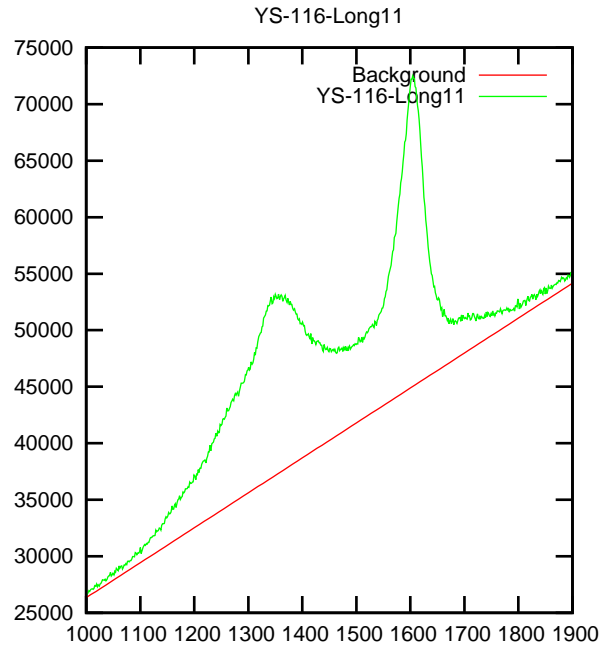


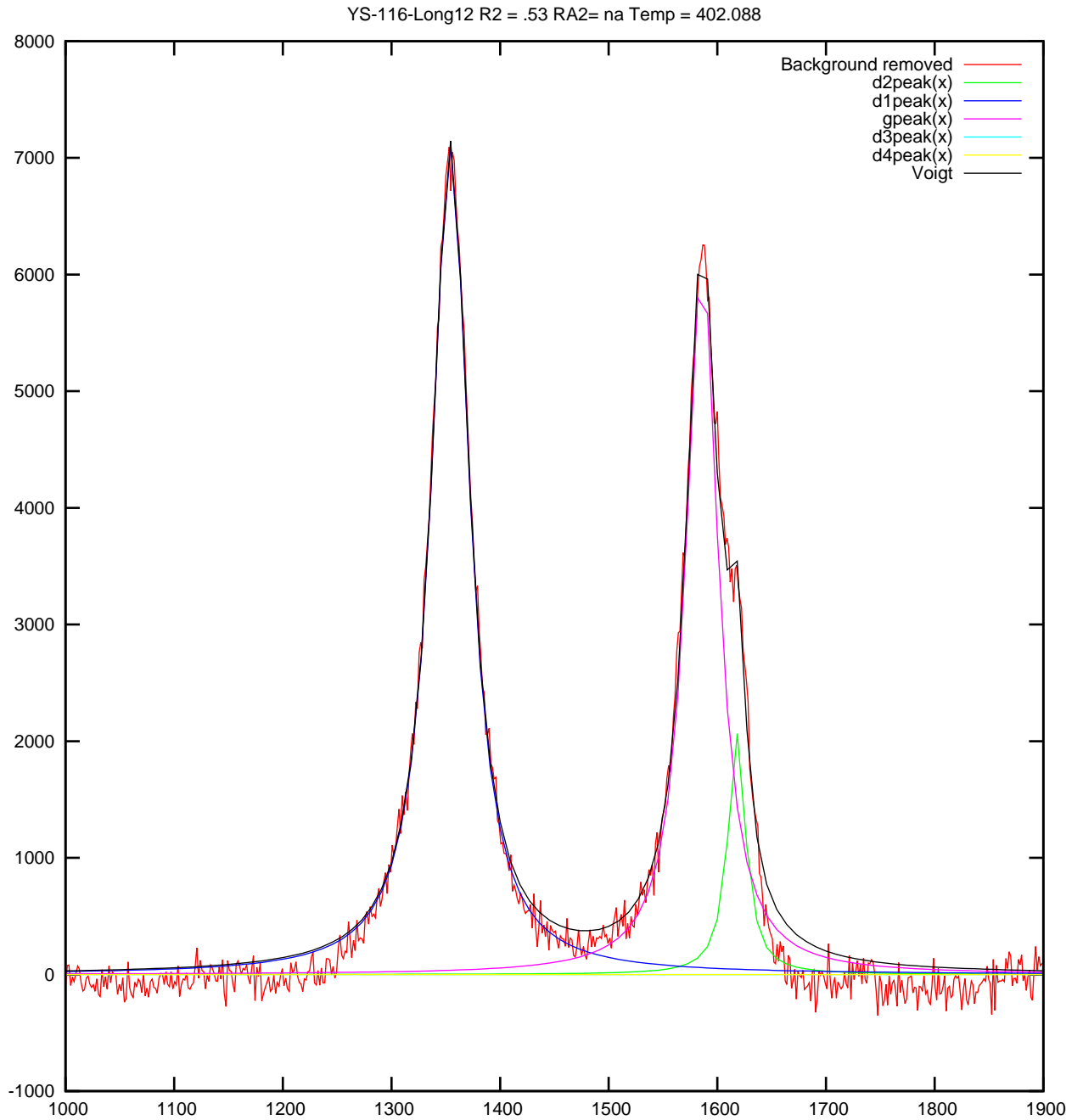
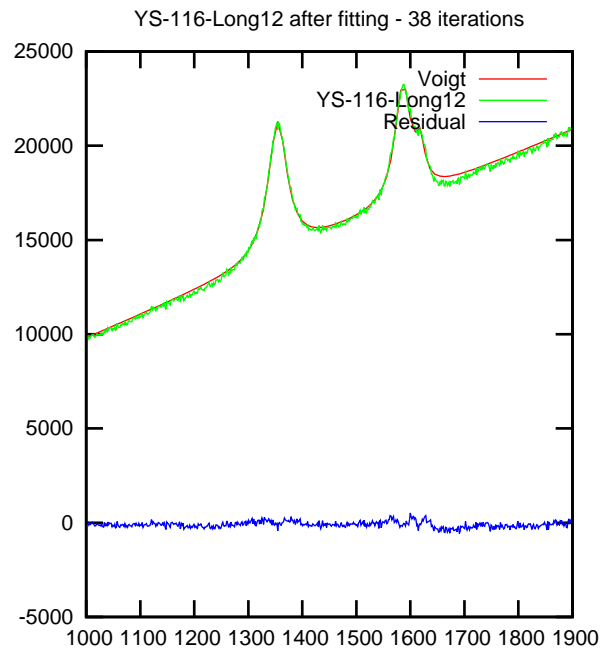
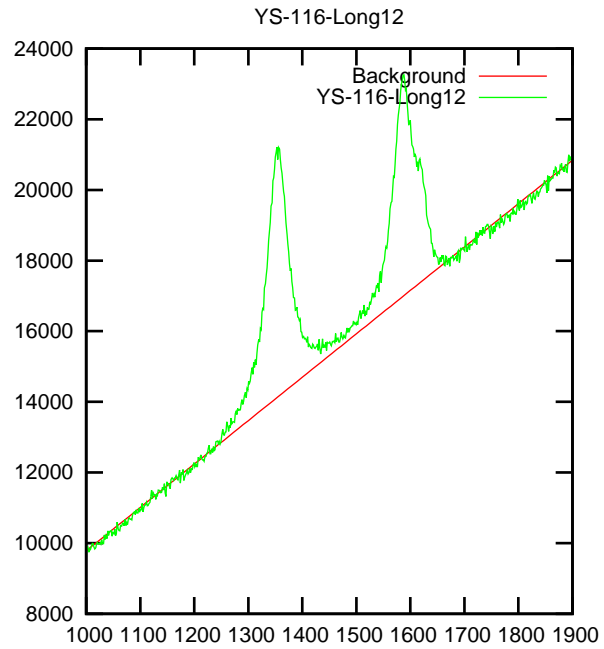




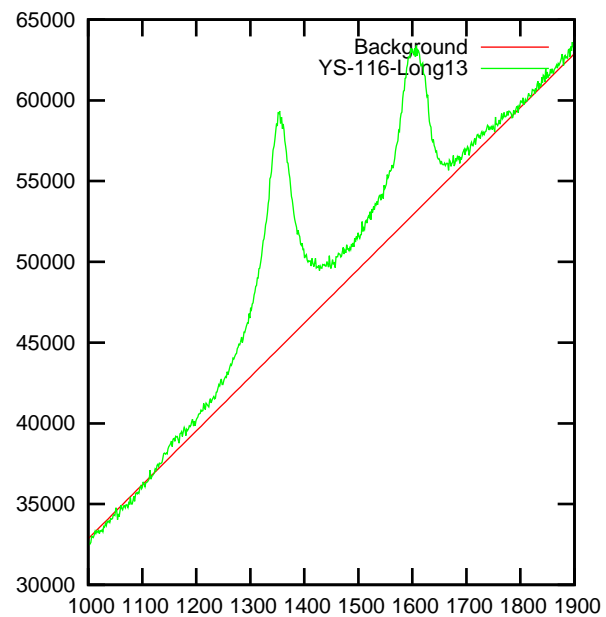




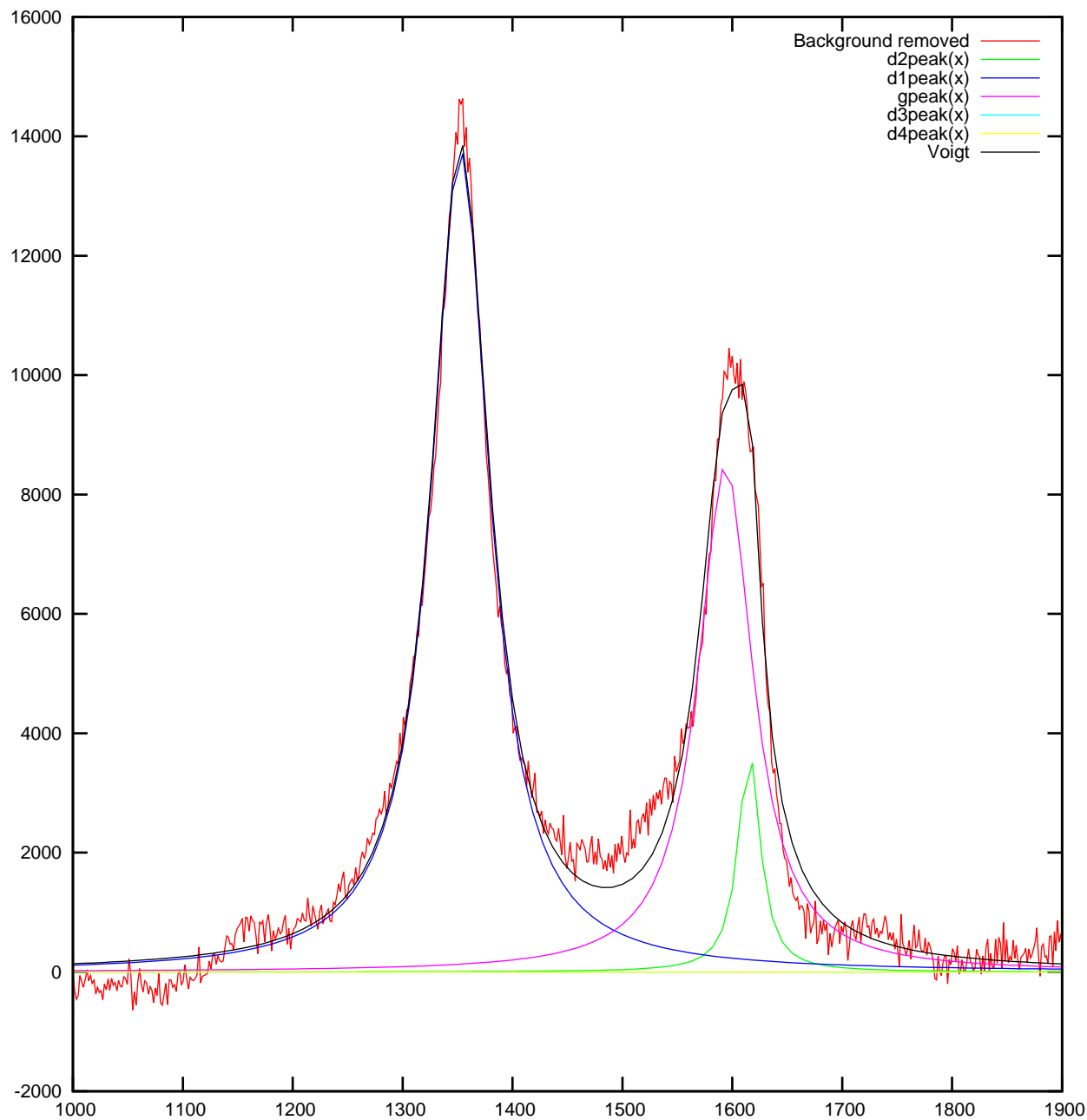




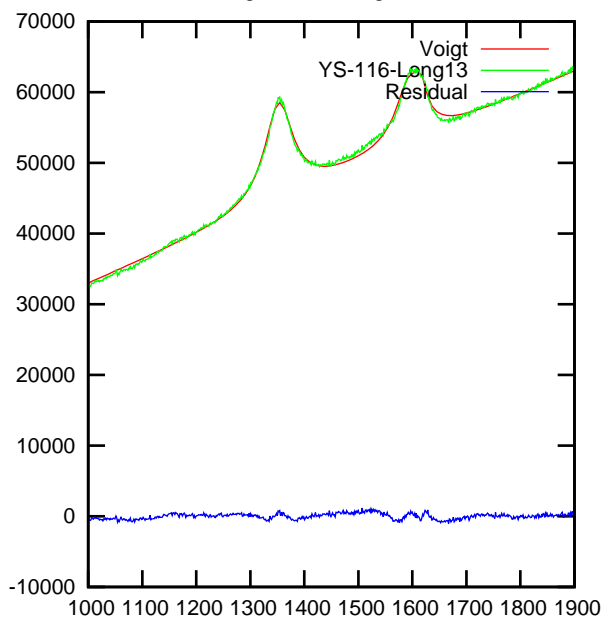
YS-116-Long13

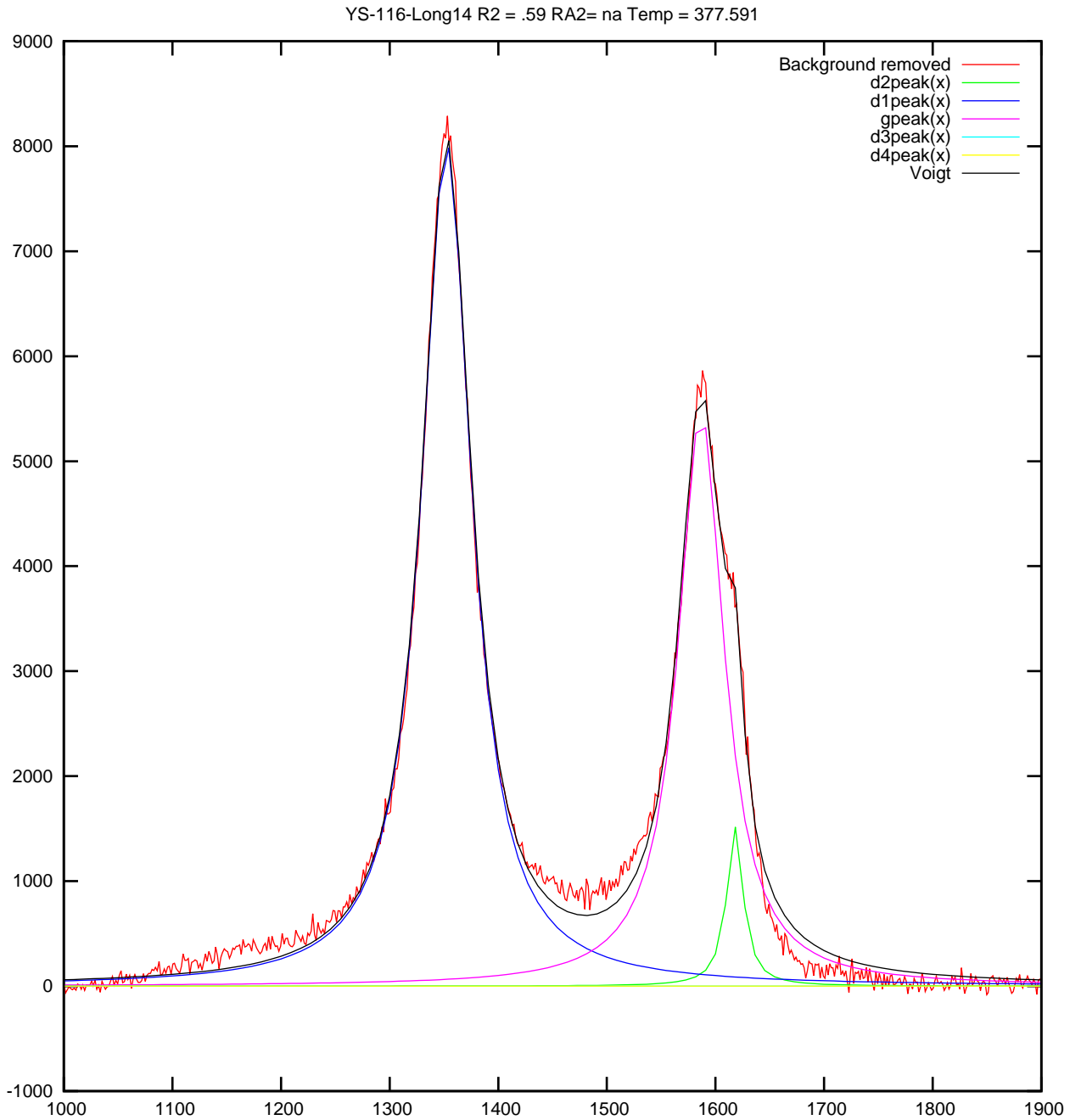
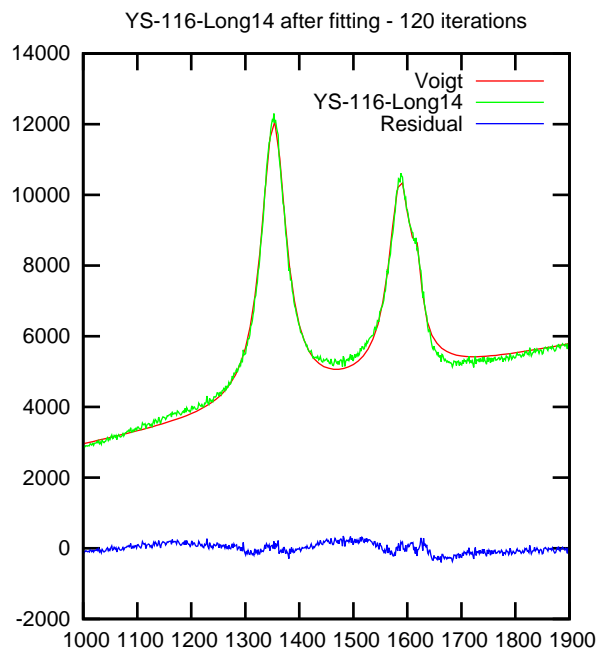
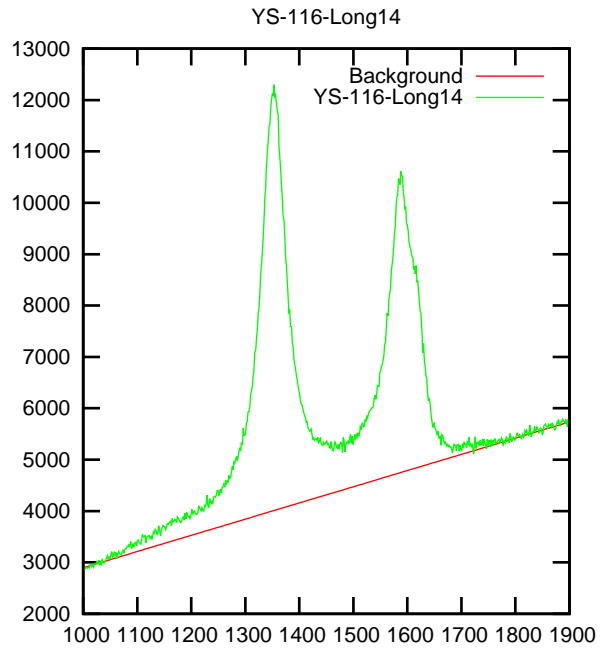


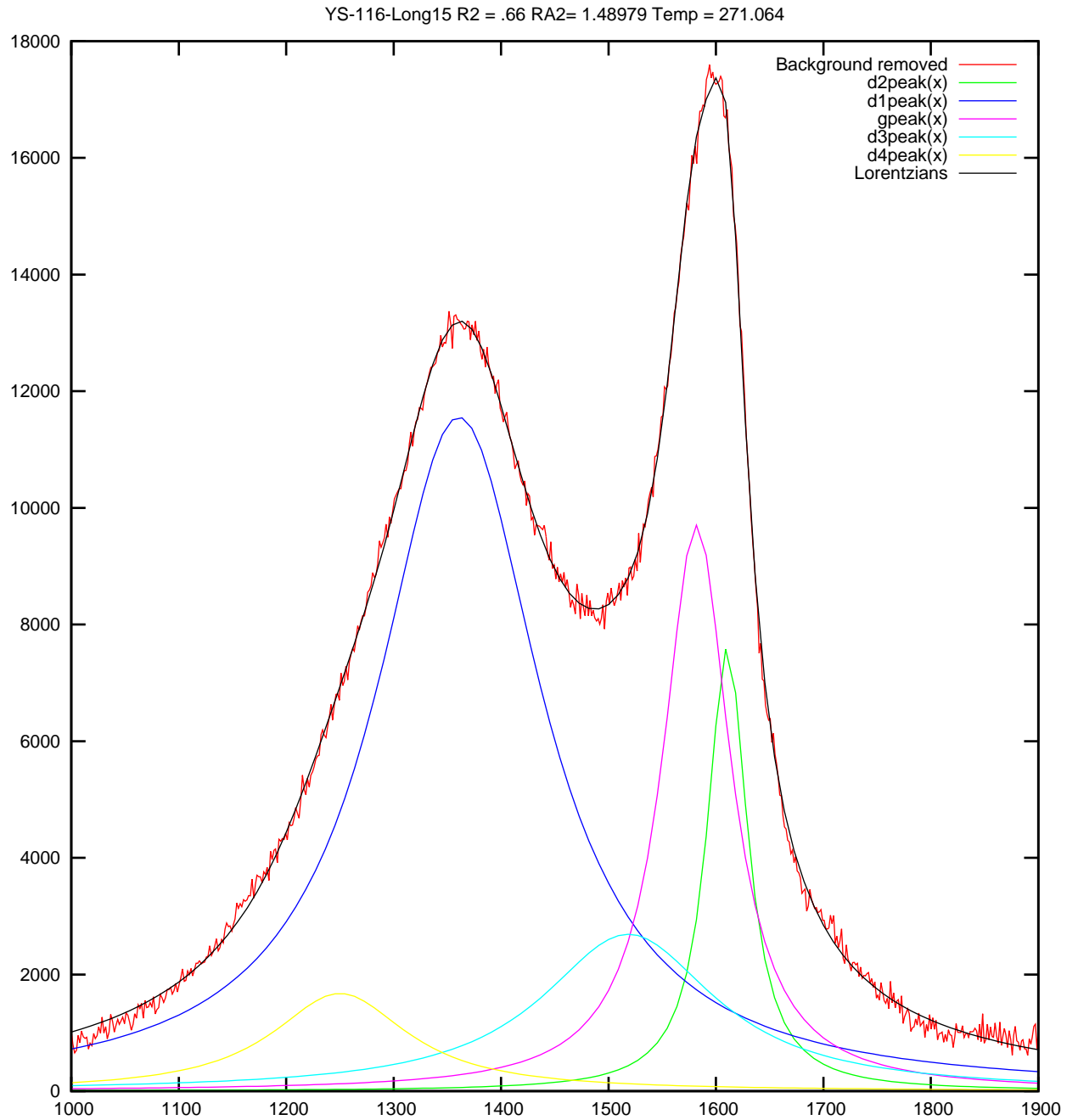
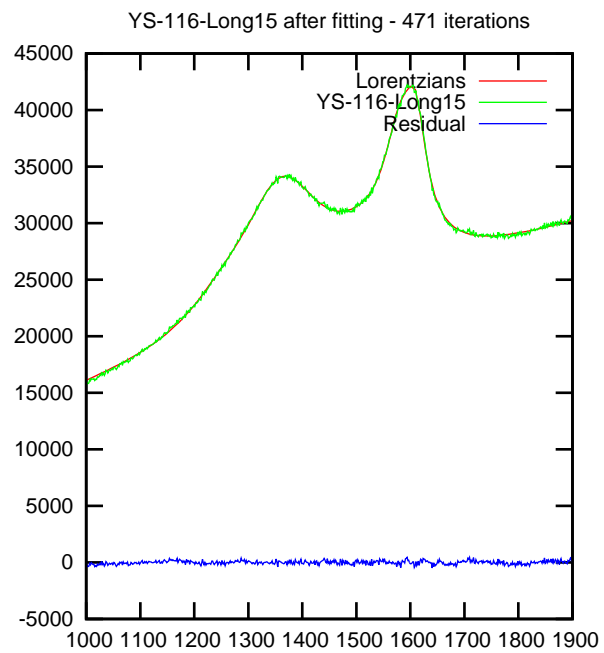
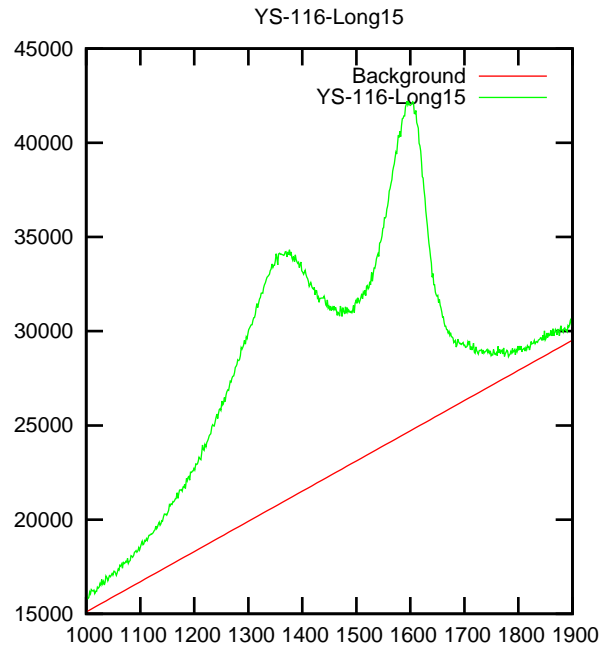
YS-116-Long13 R2 = .59 RA2= na Temp = 375.869

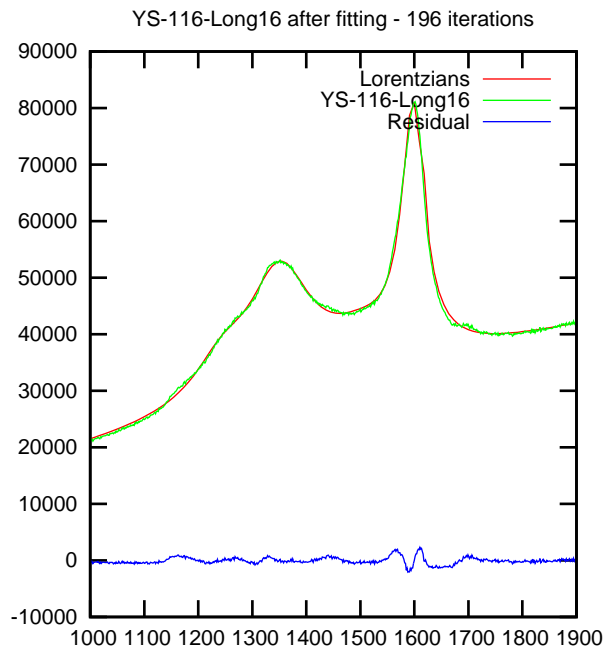
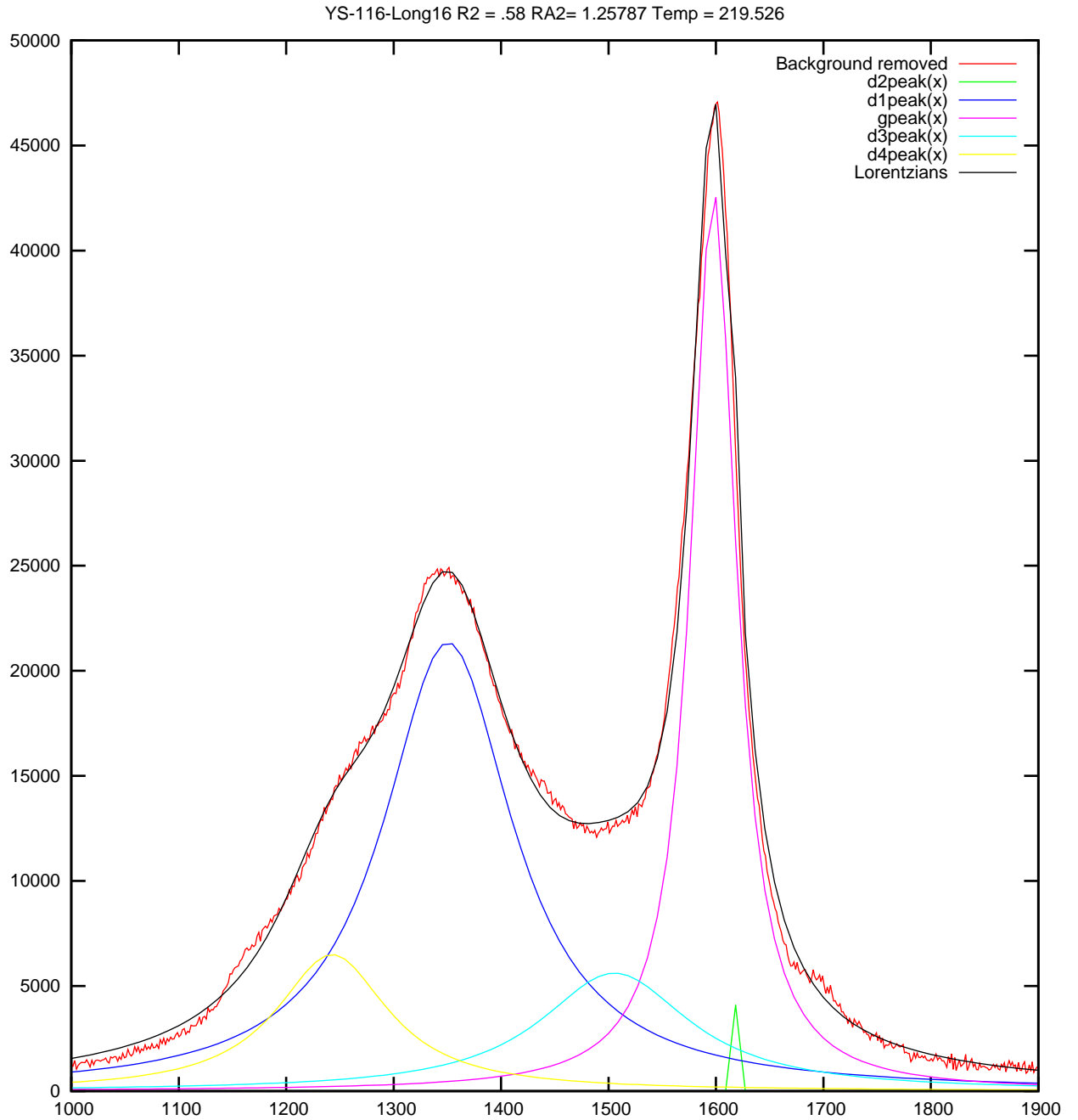
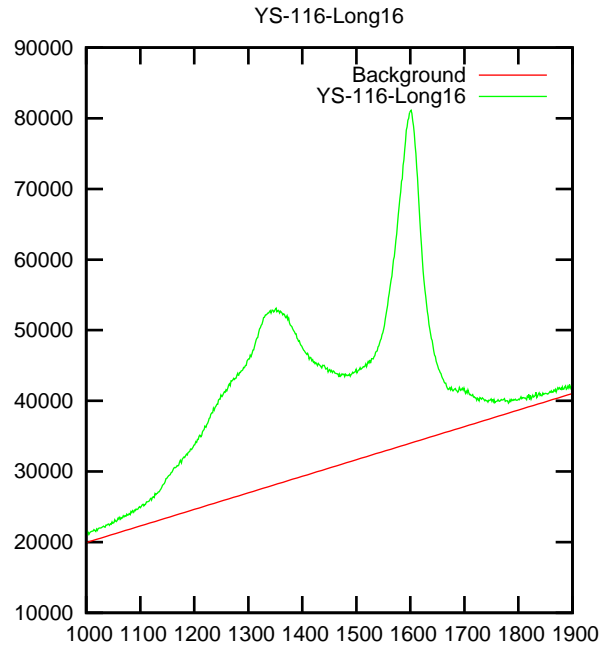


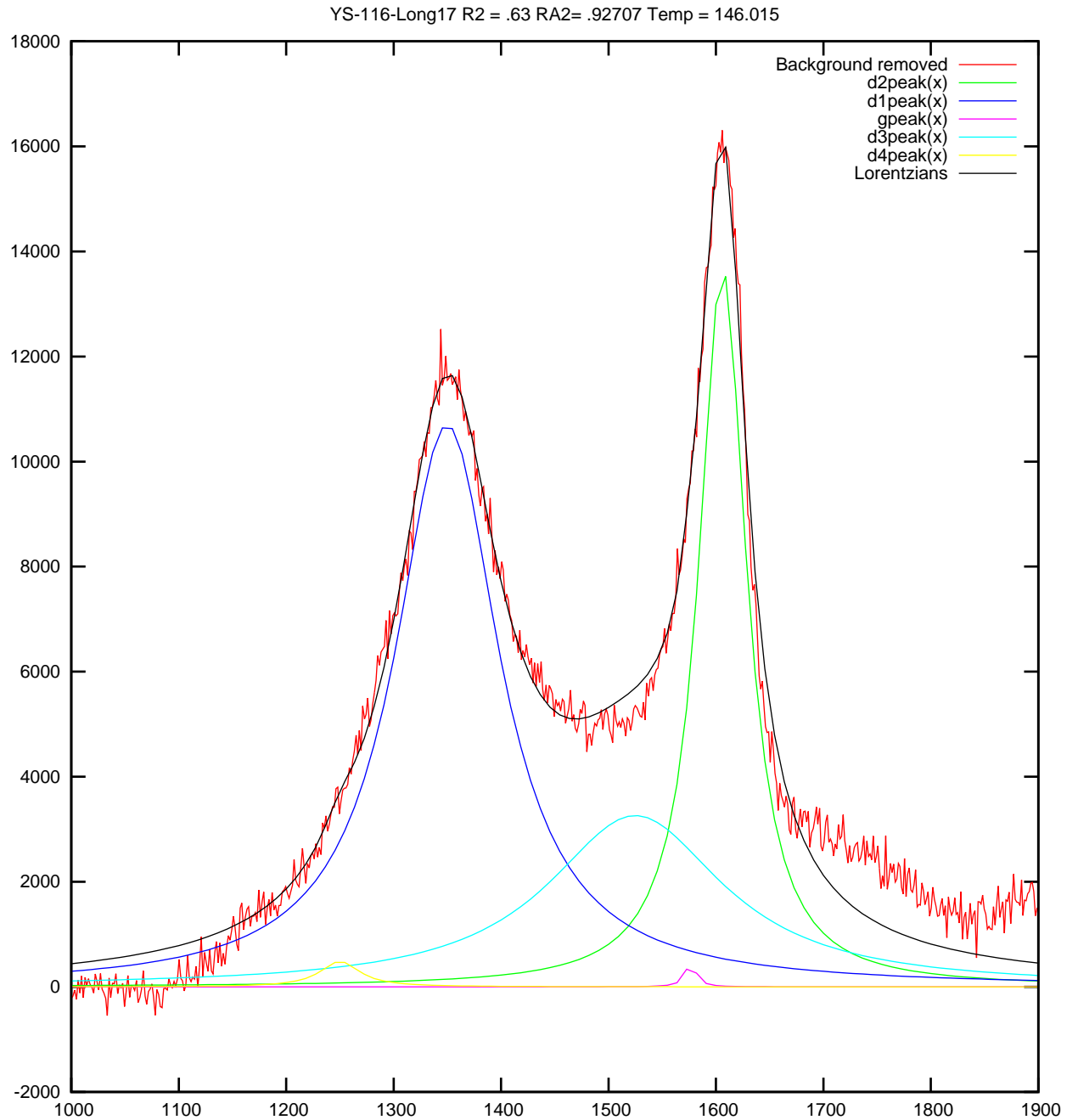
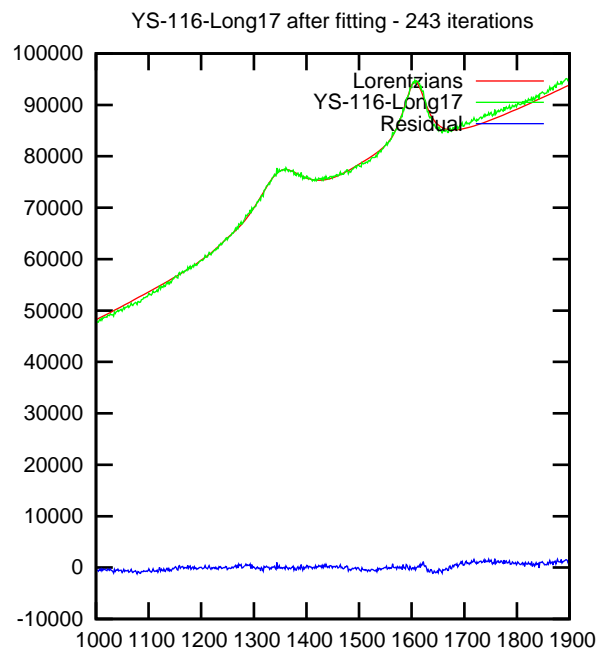
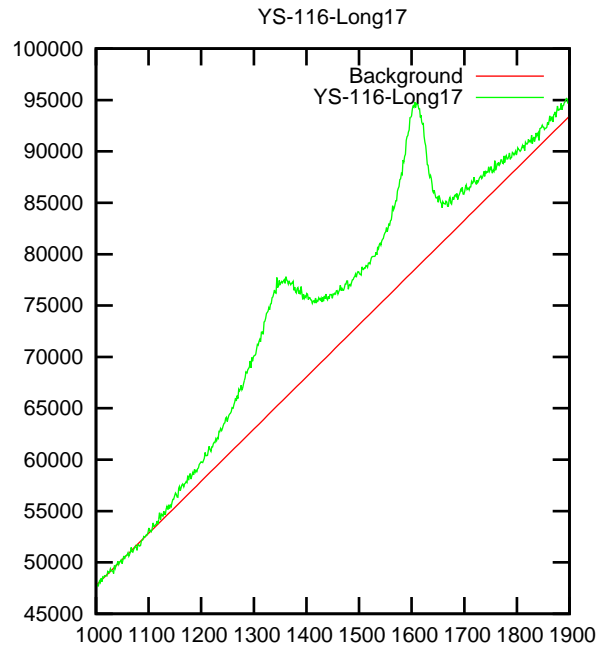
YS-116-Long13 after fitting - 281 iterations

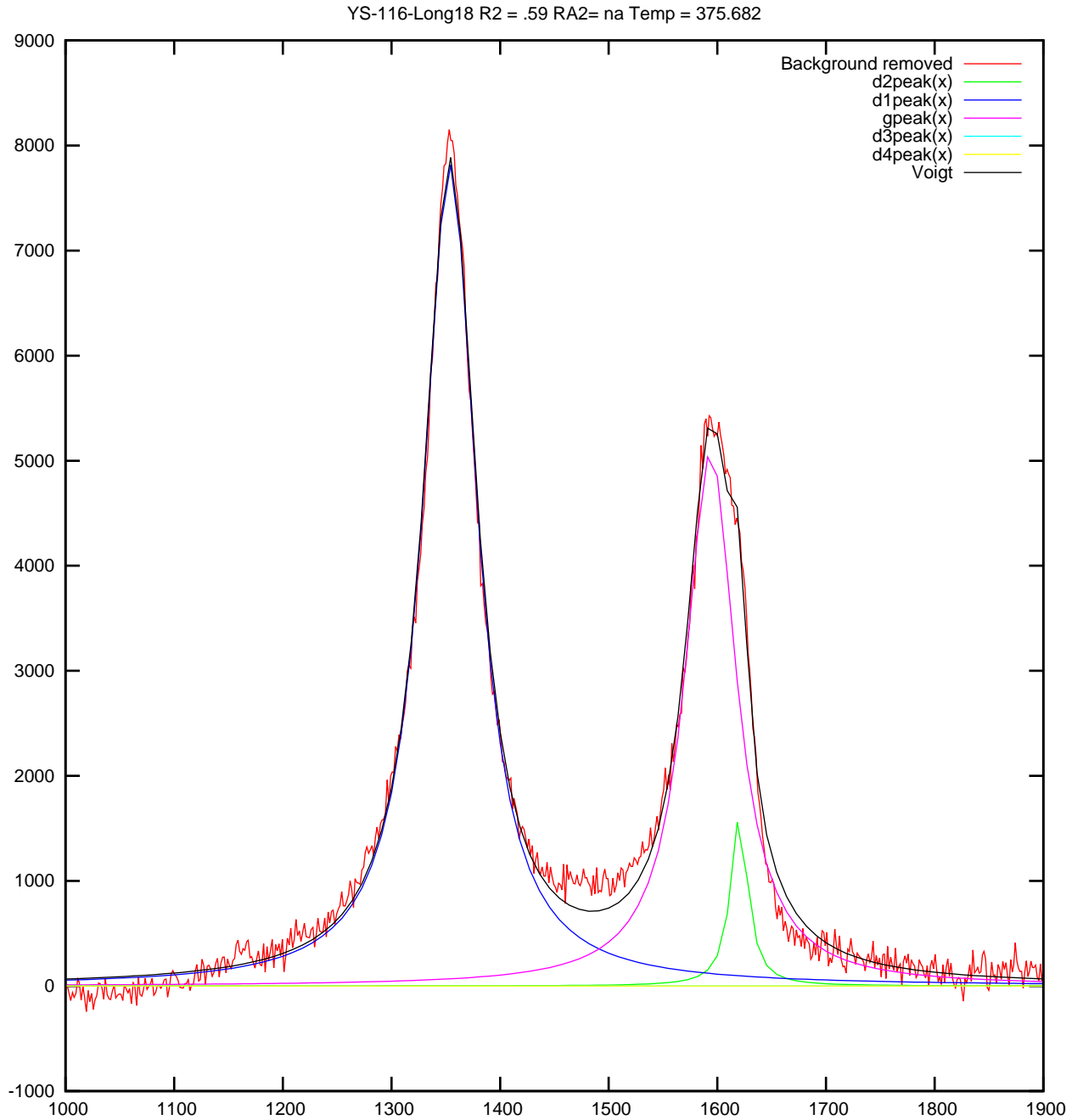
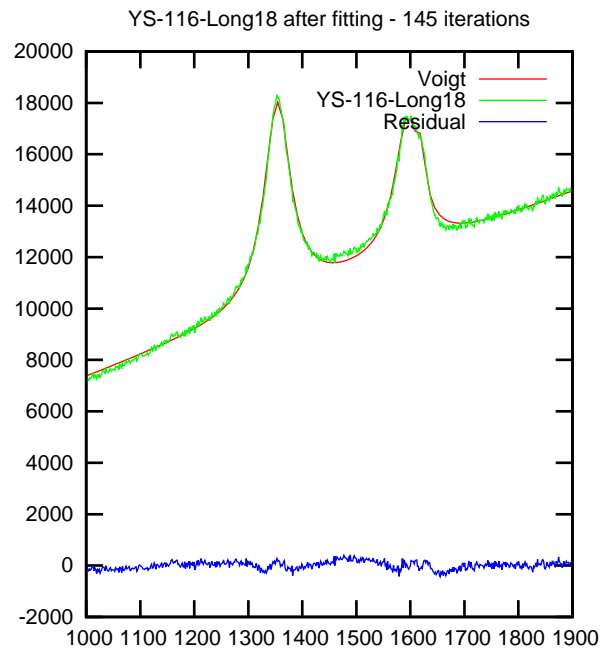
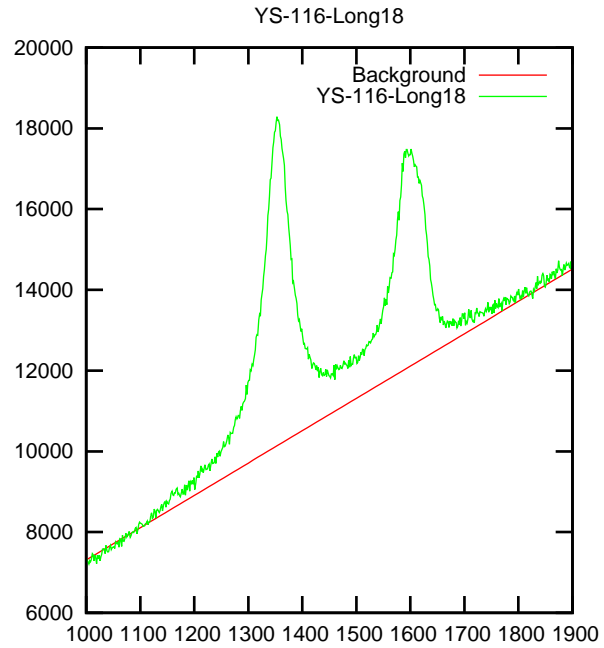


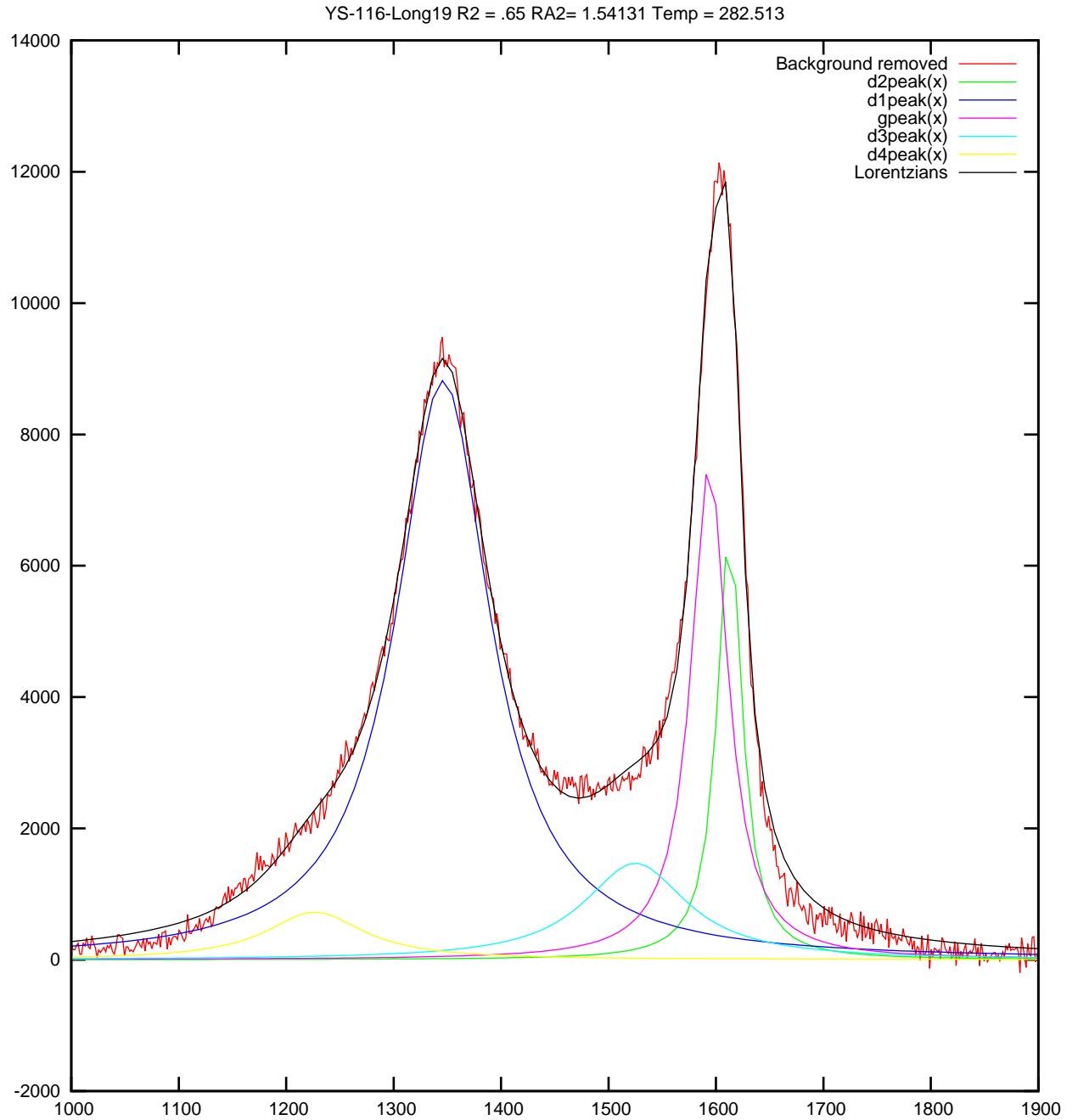
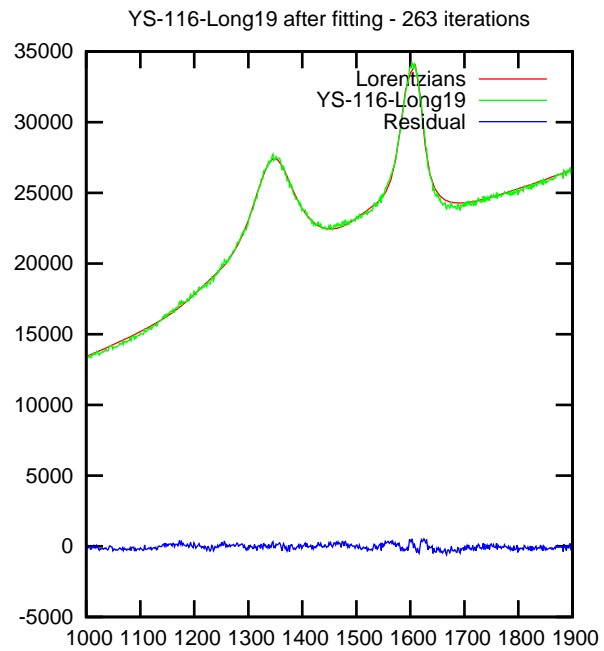
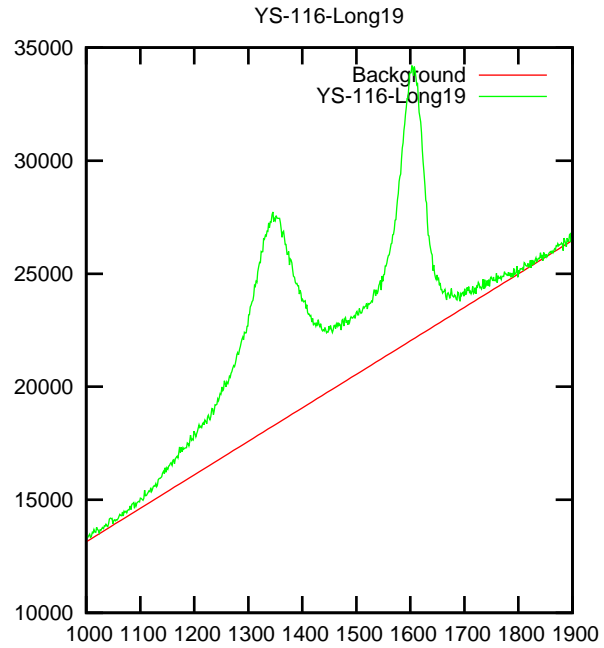


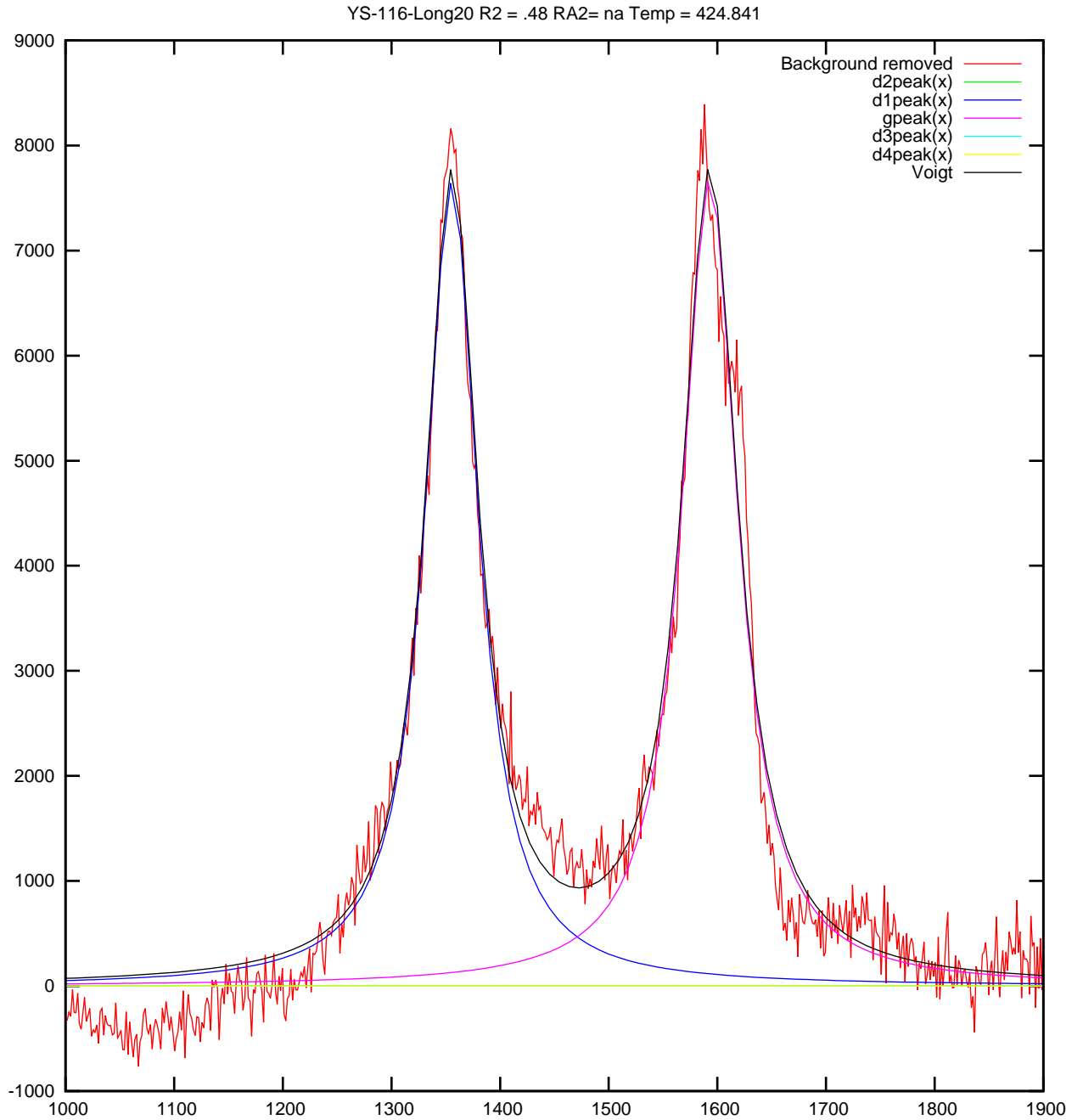
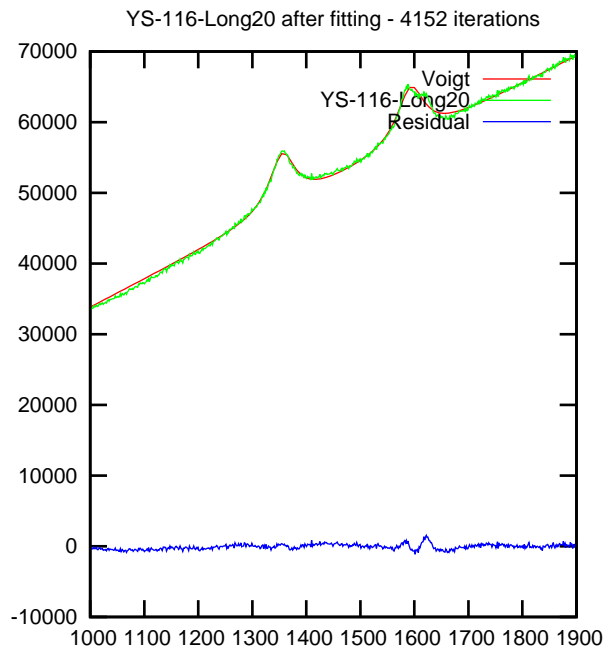
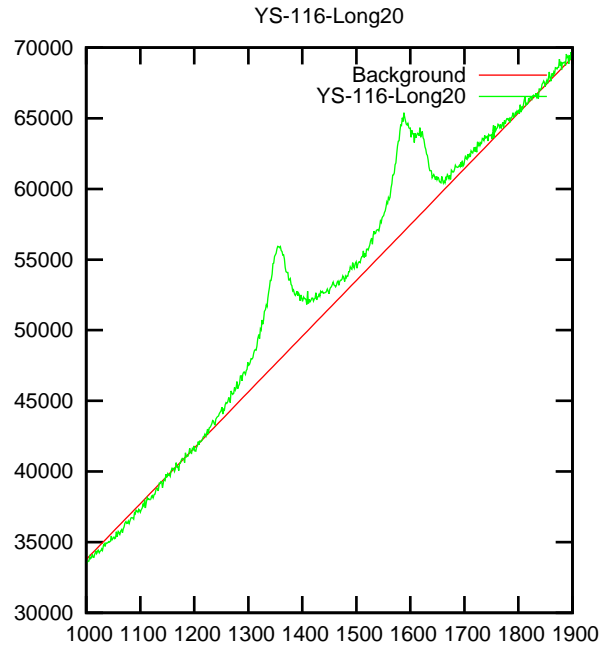




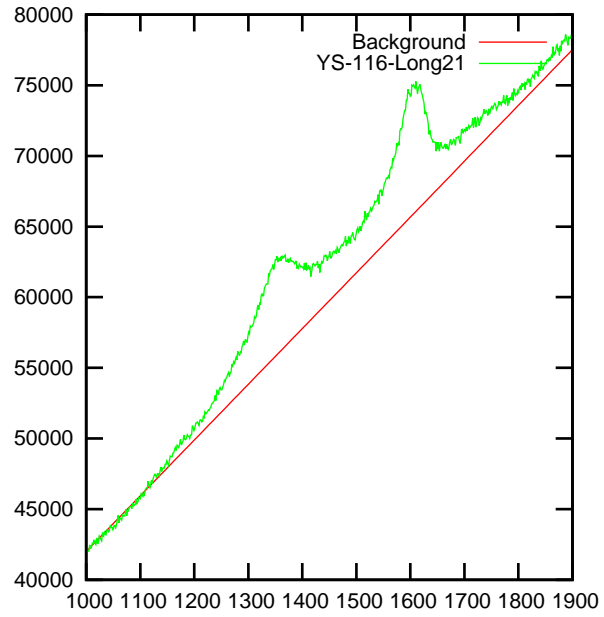




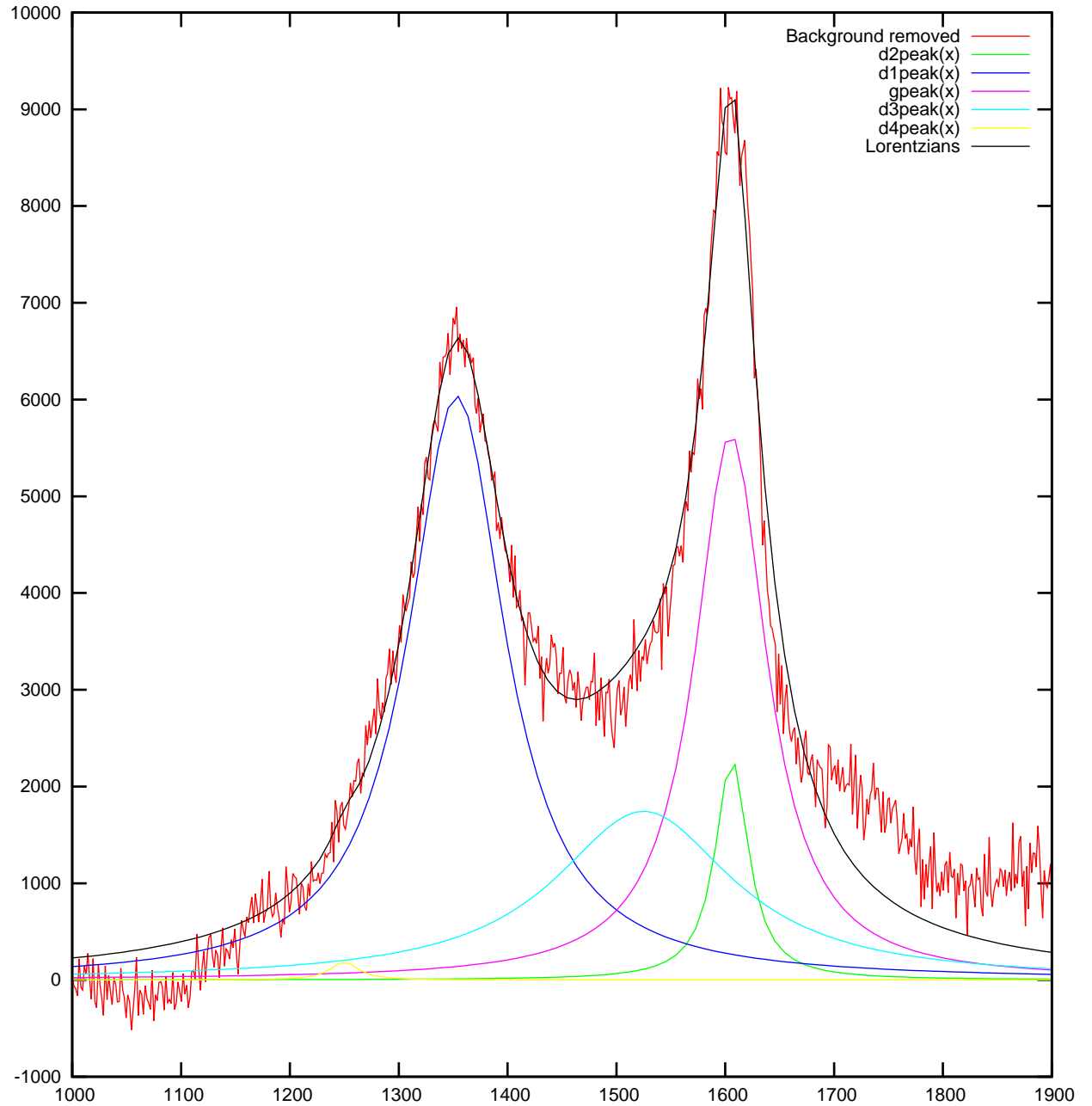




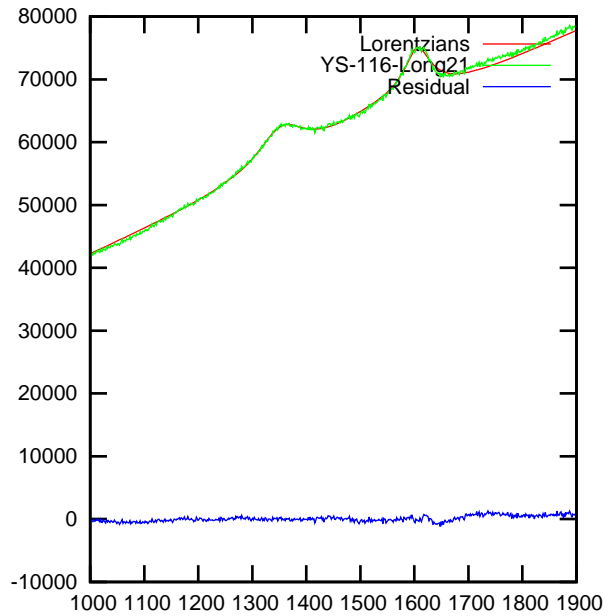
YS-116-Long21

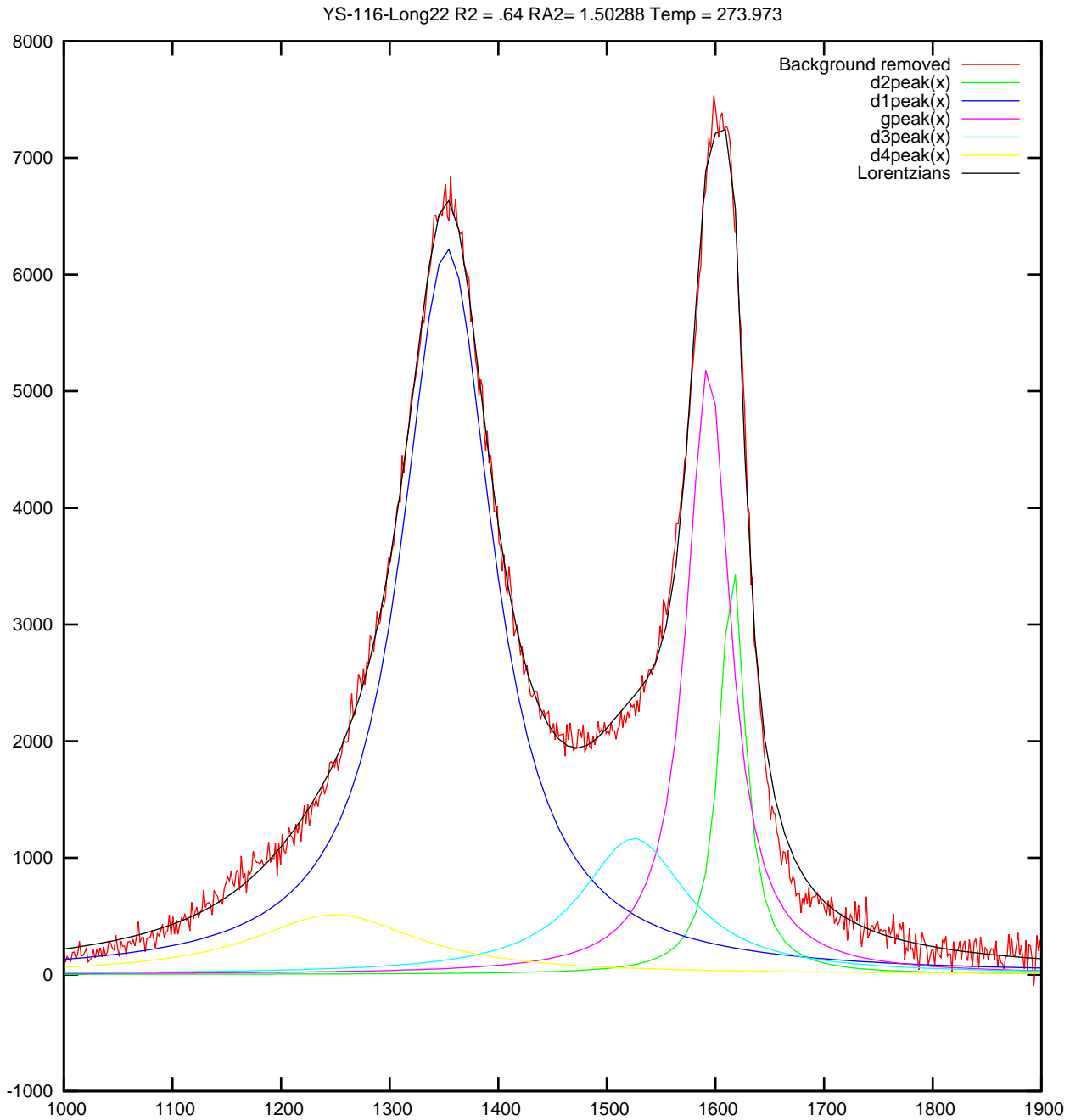
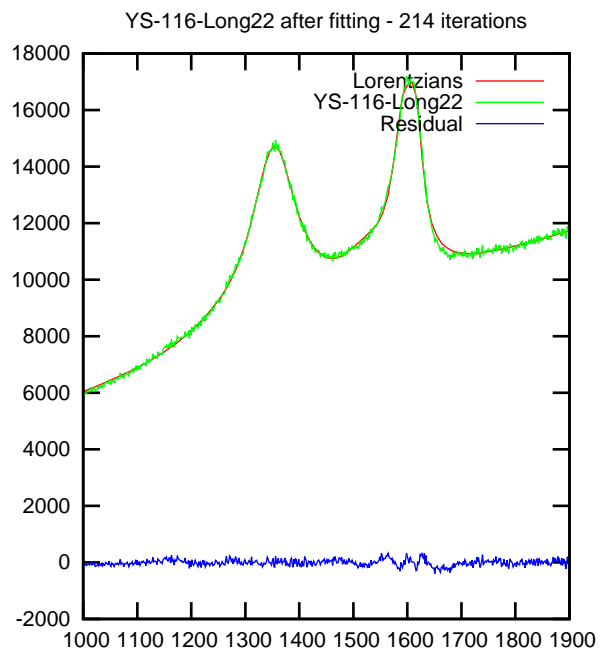
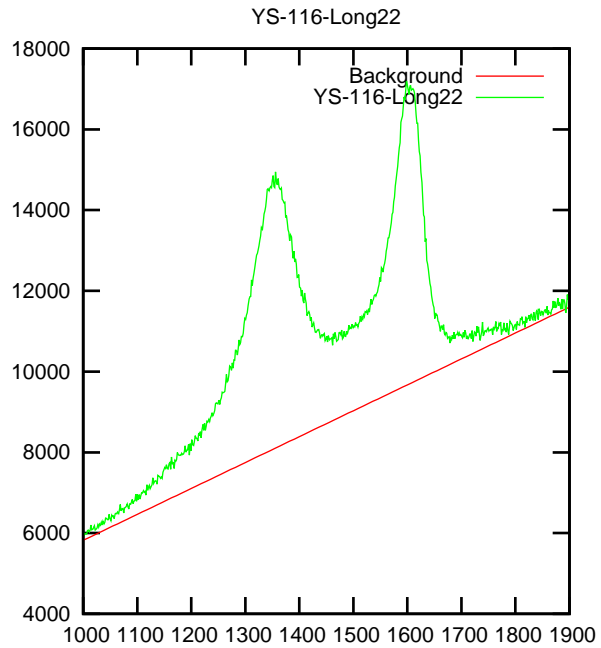


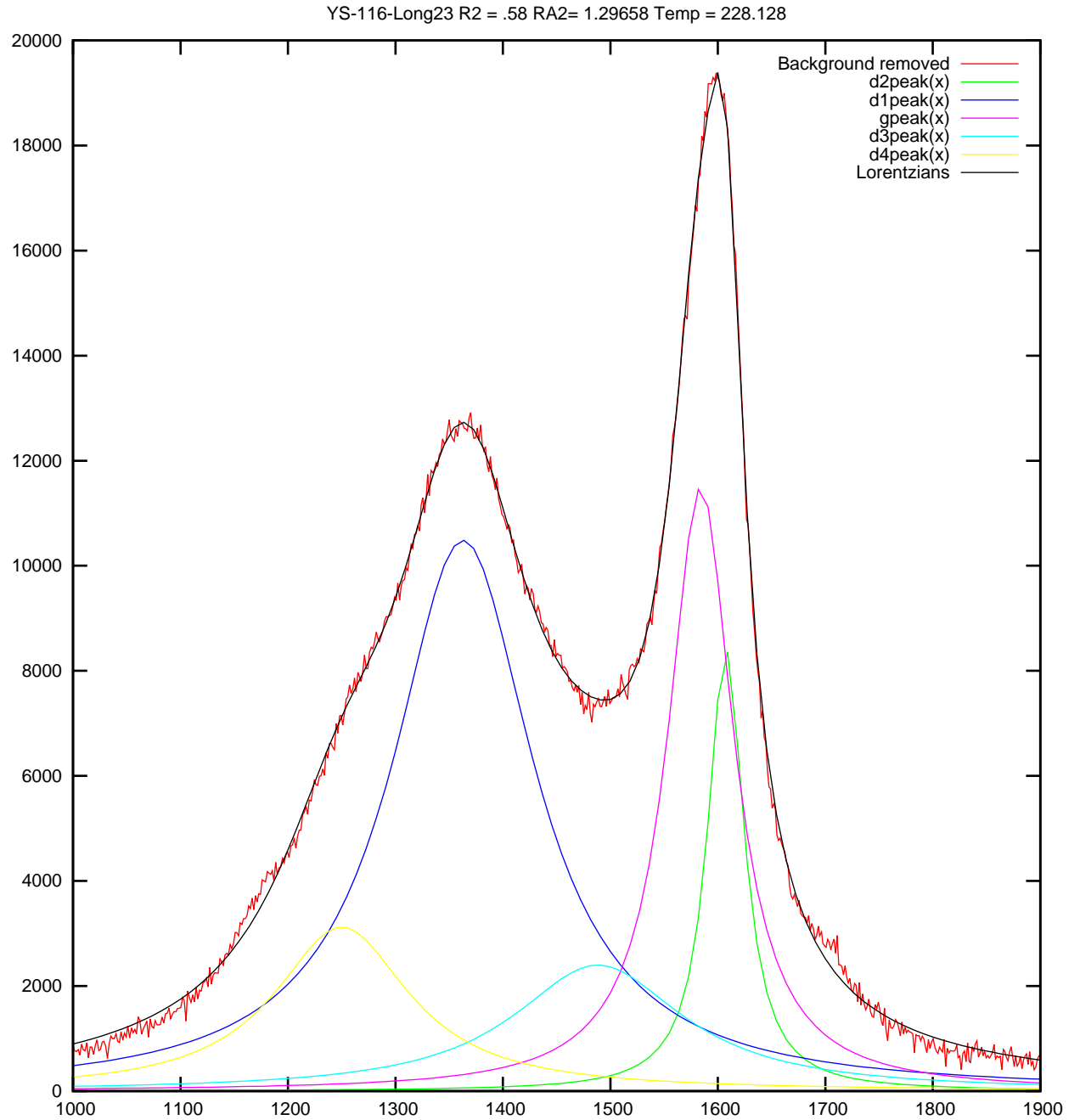
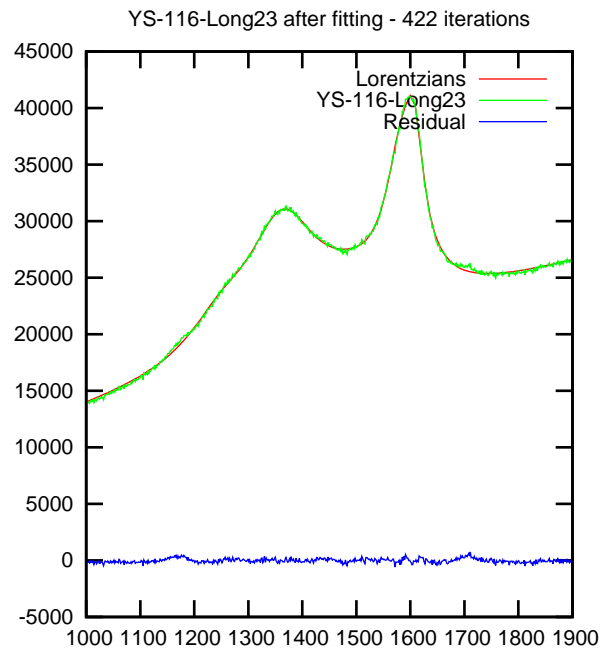
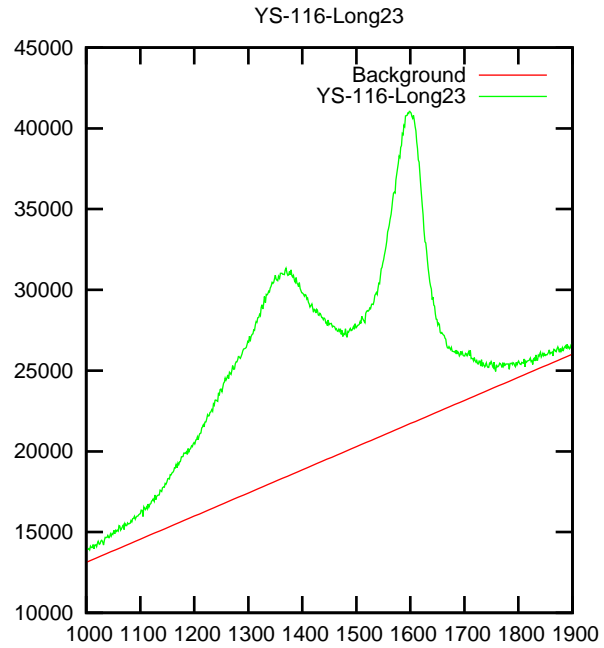
YS-116-Long21 R2 = .54 RA2= .74506 Temp = 105.568



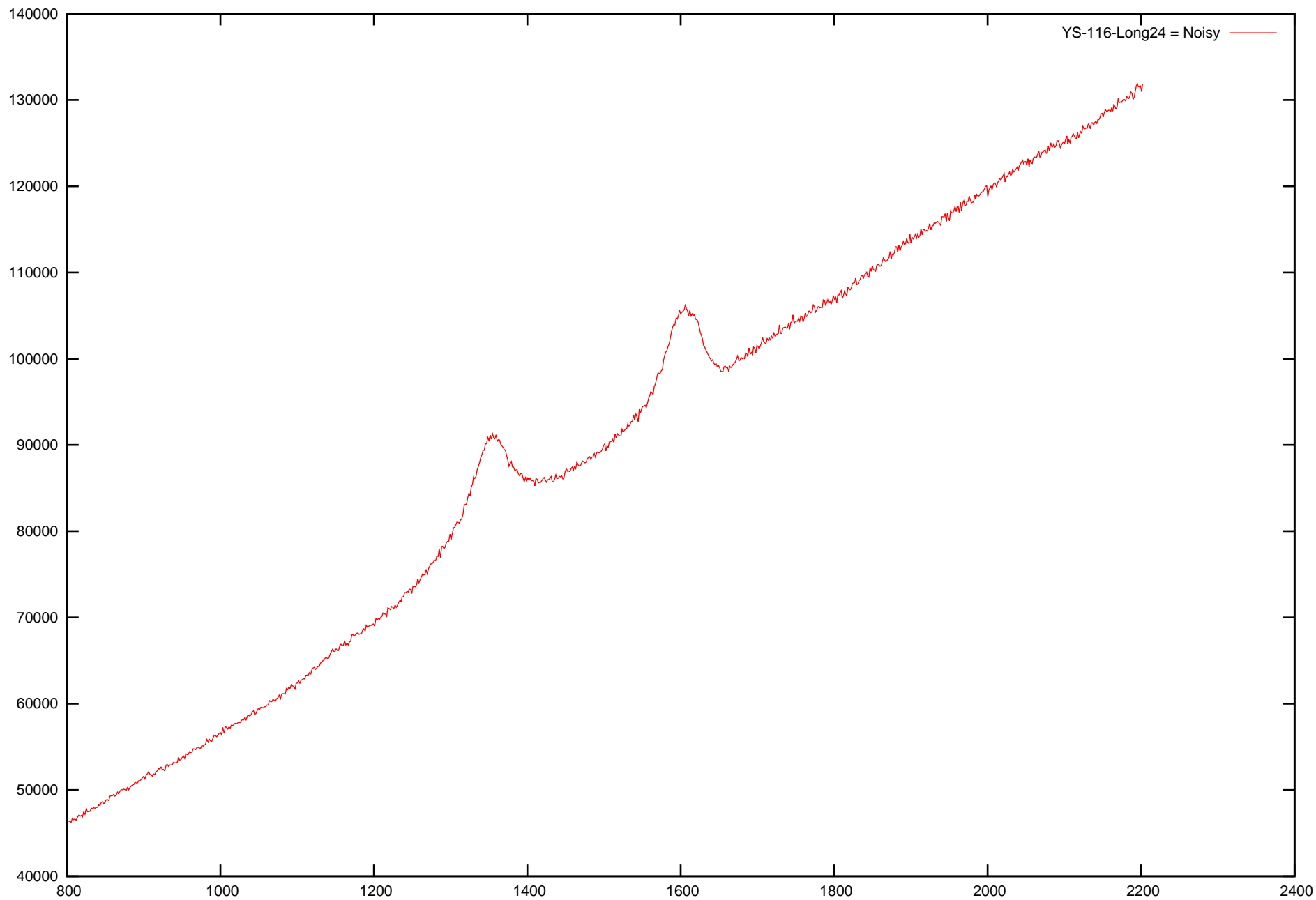
YS-116-Long21 after fitting - 750 iterations

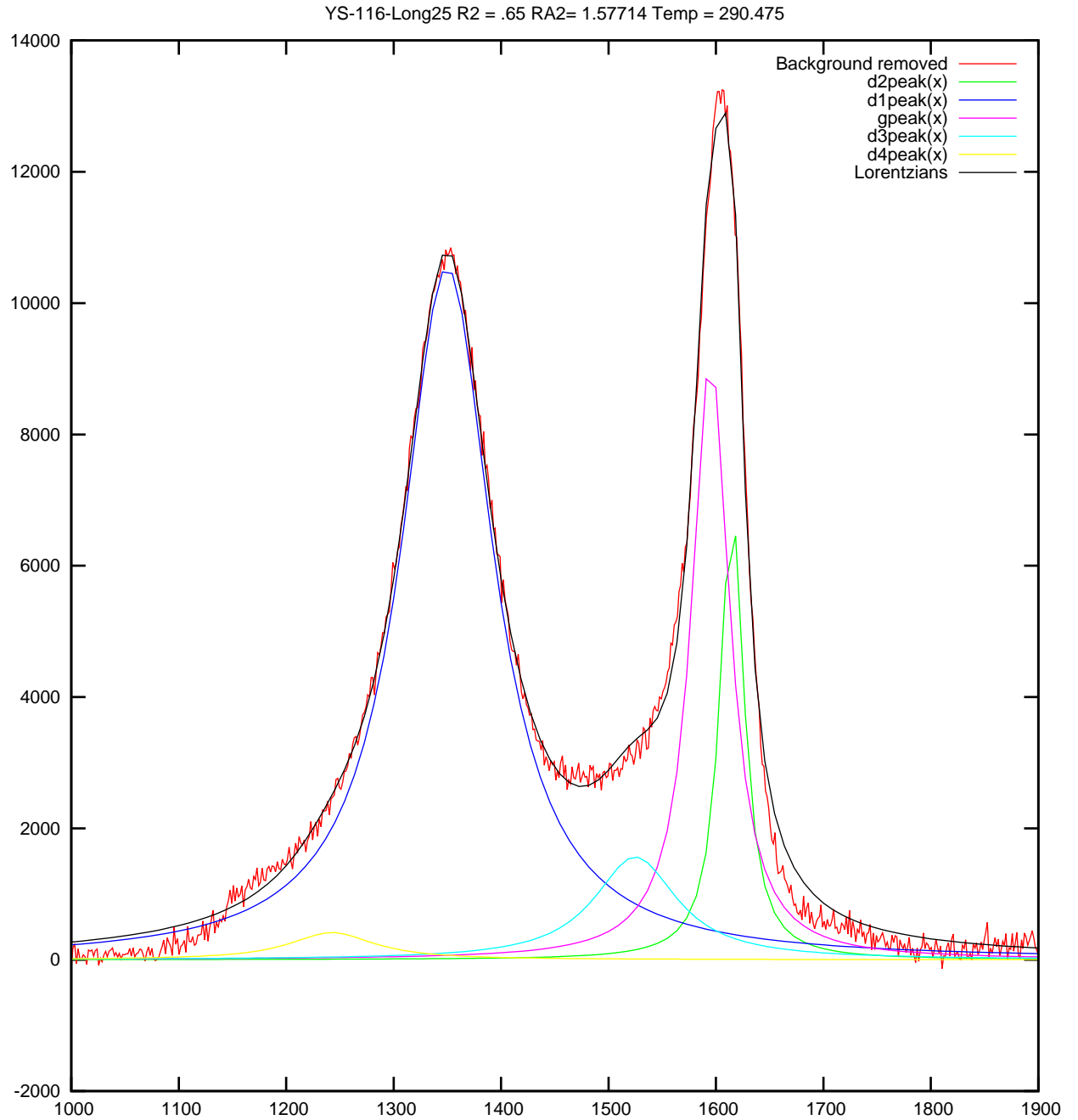
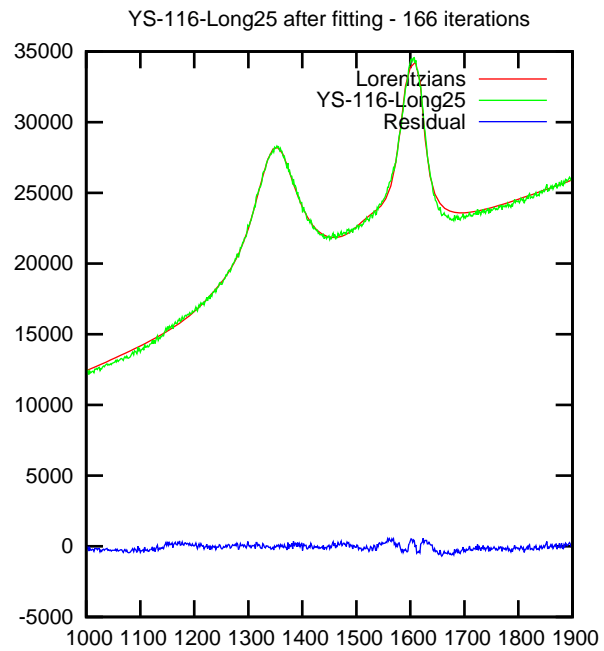
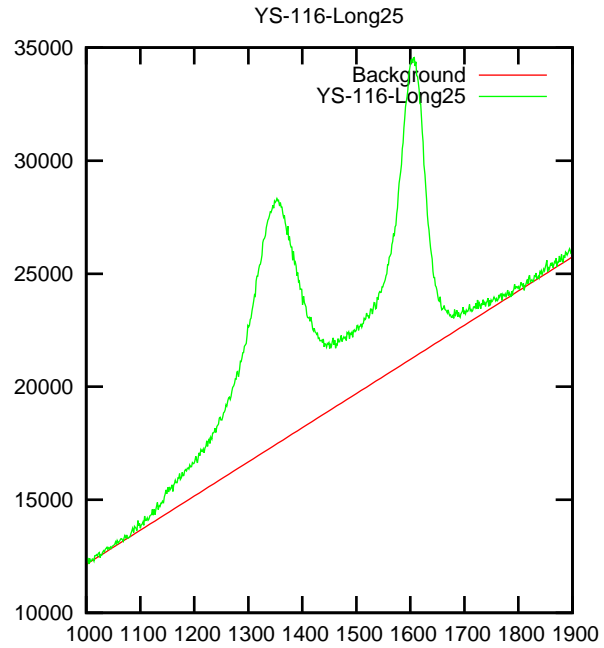




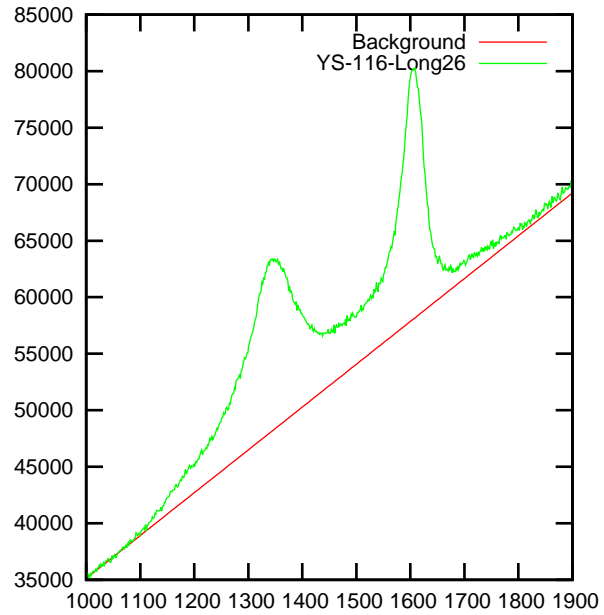


YS-116-Long24 = Noisy

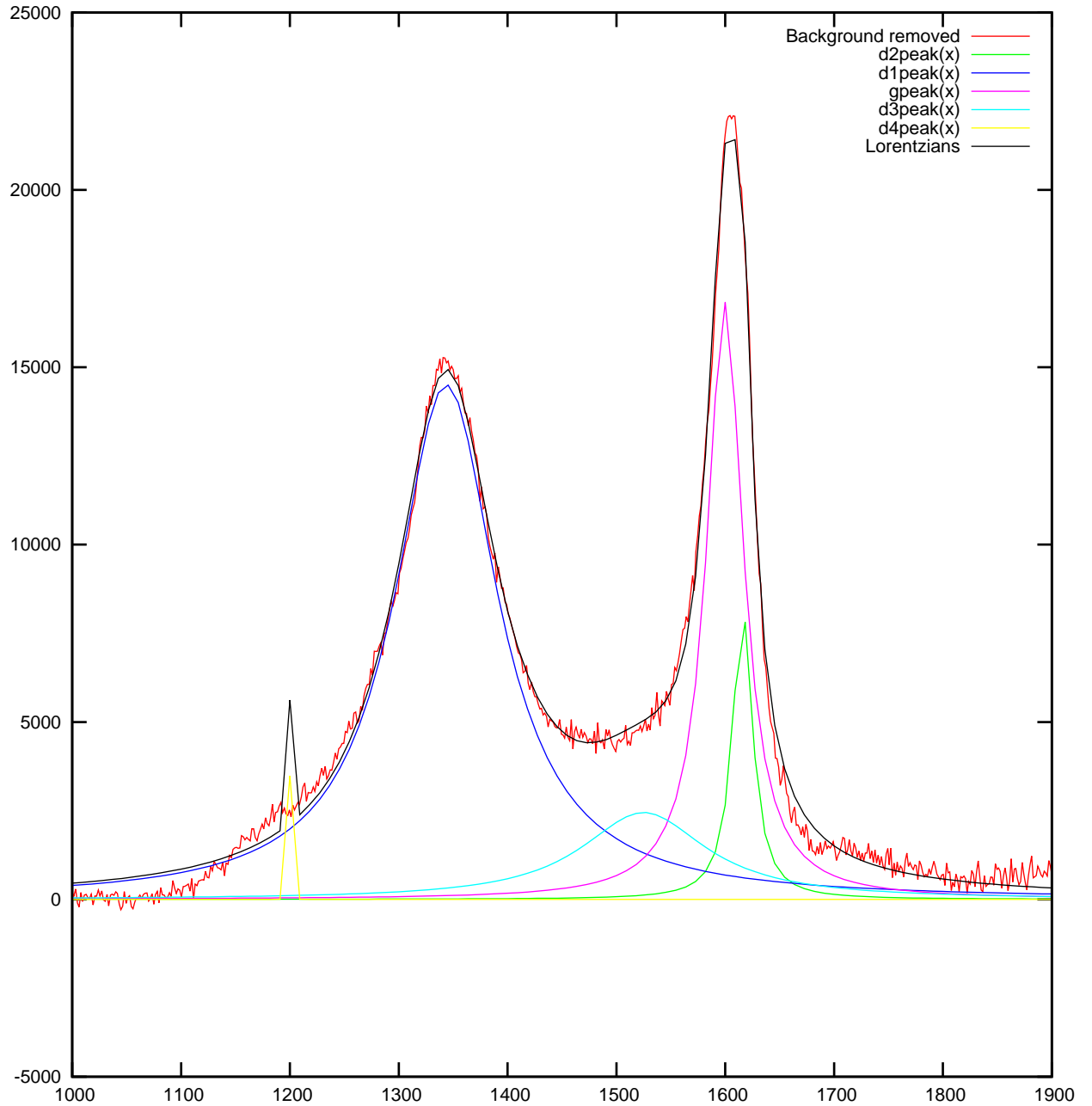




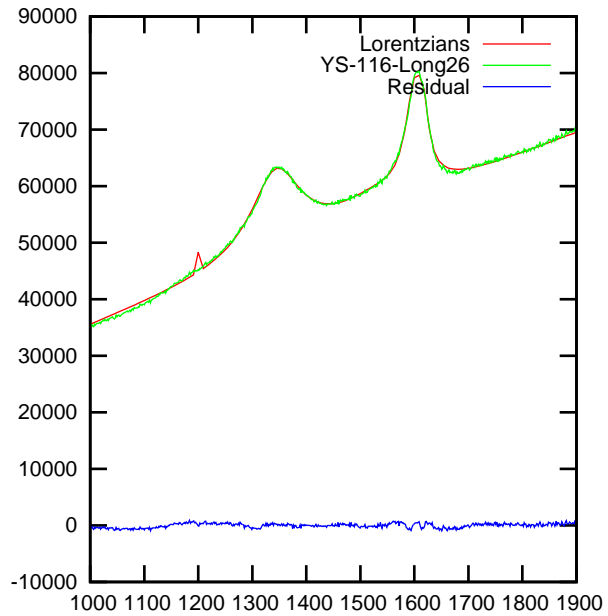
YS-116-Long26

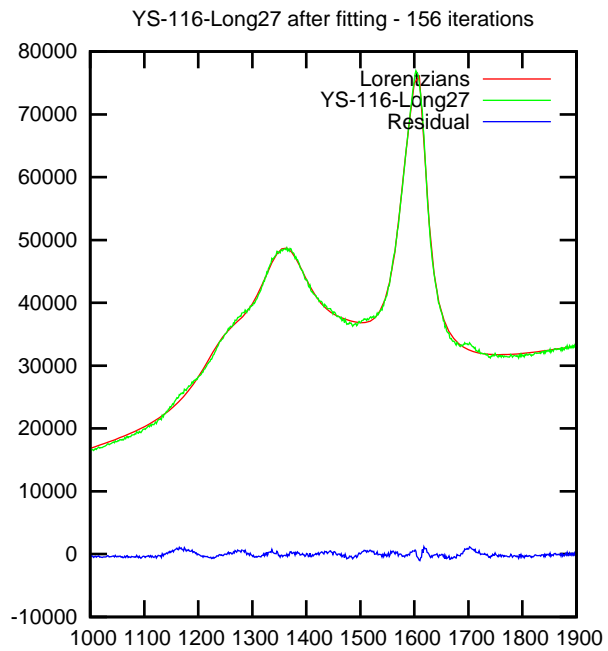
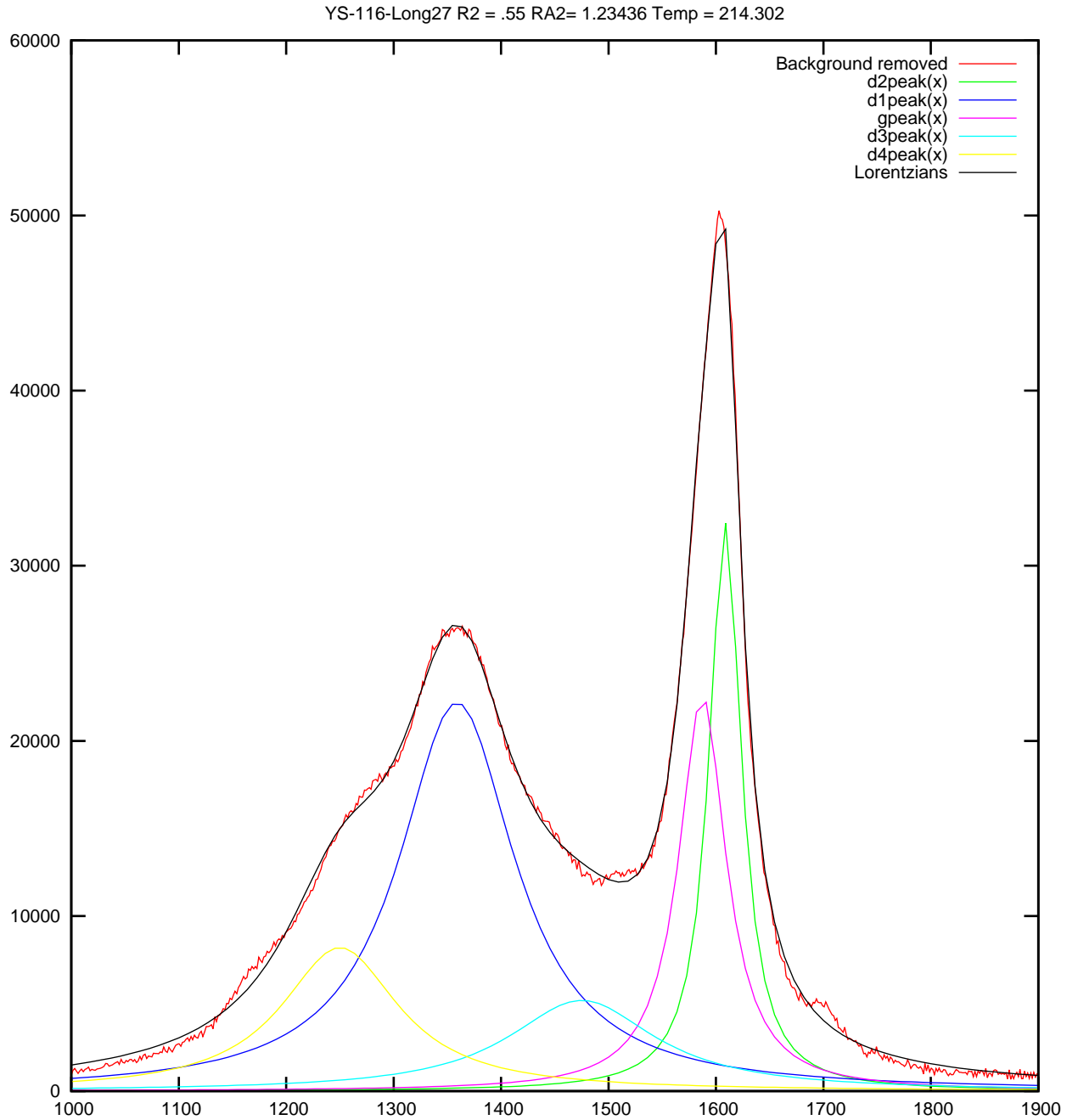
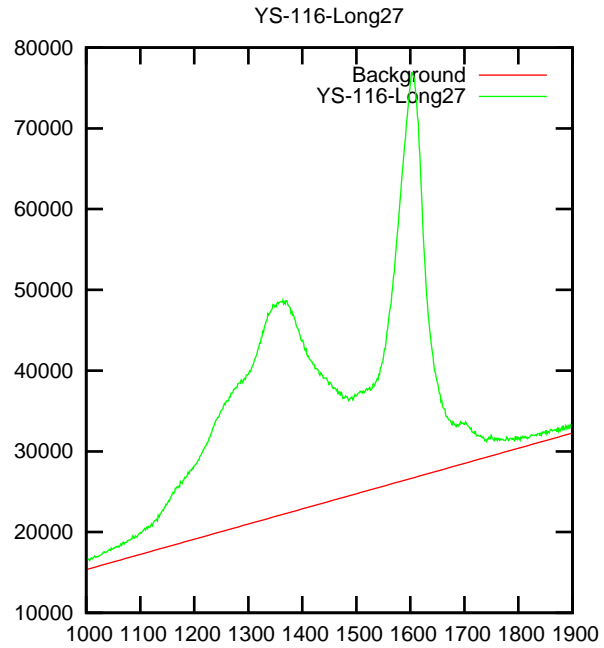


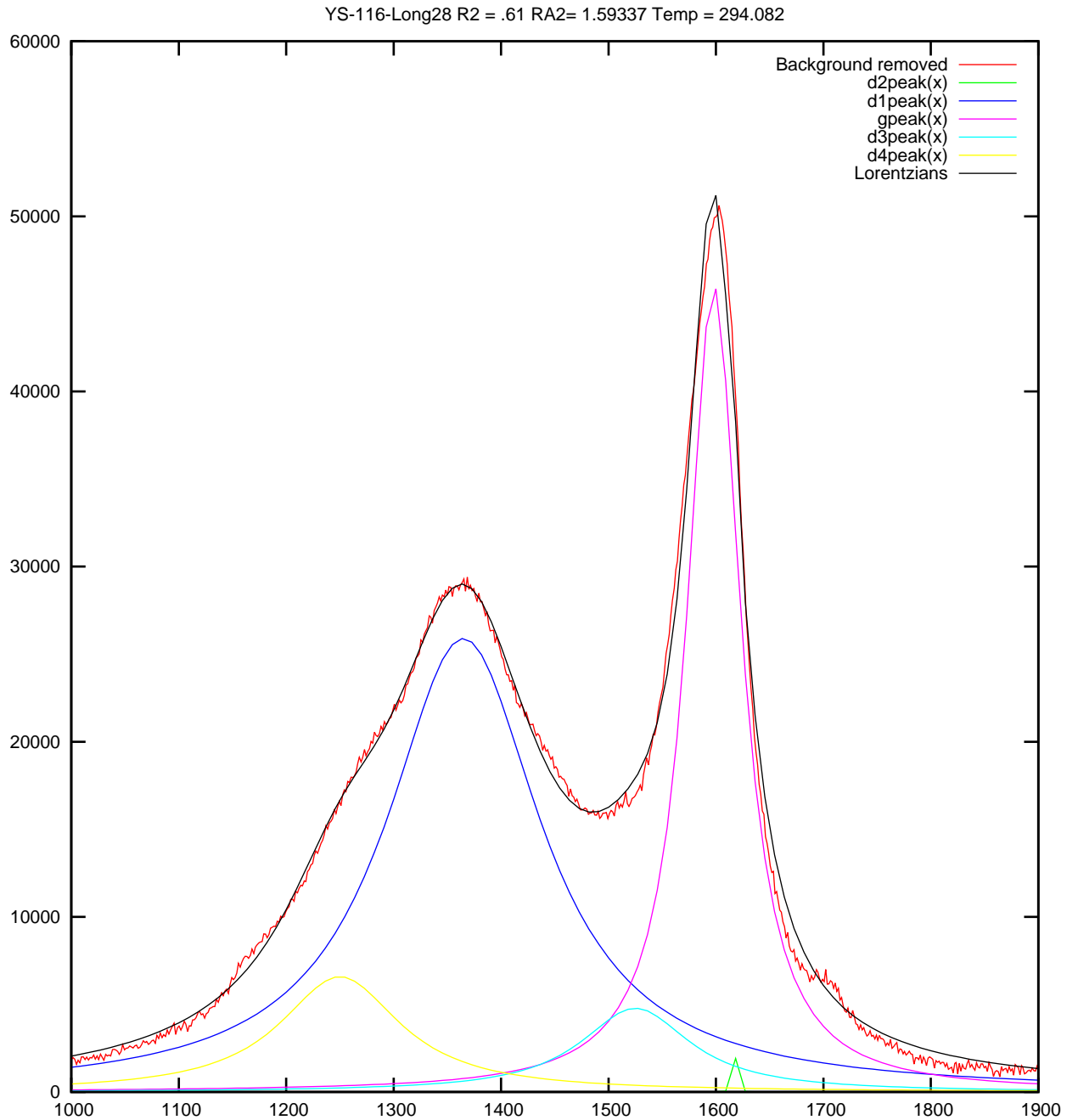
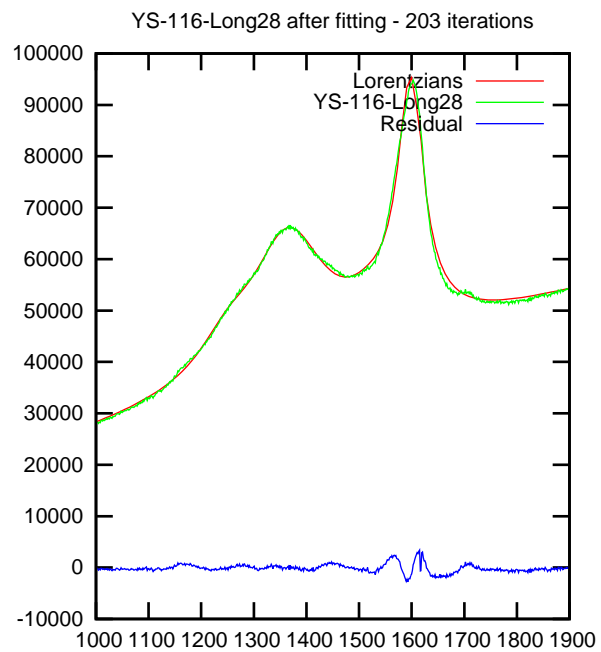
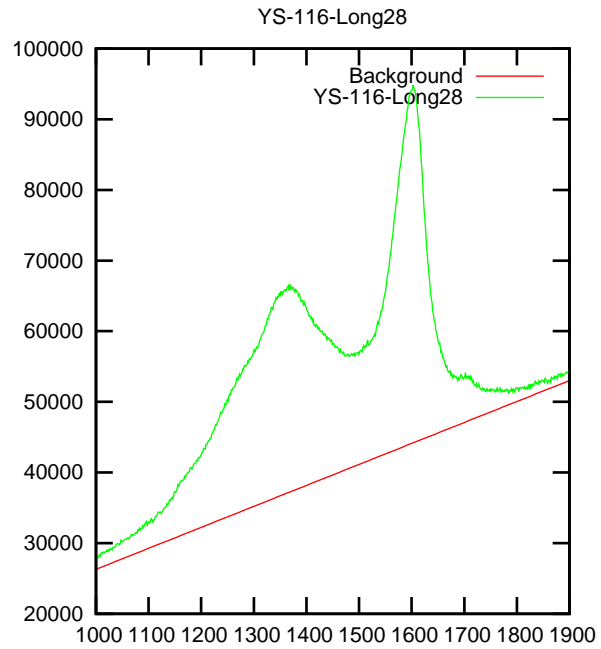
YS-116-Long26 R2 = .65 RA2= 1.37746 Temp = 246.102

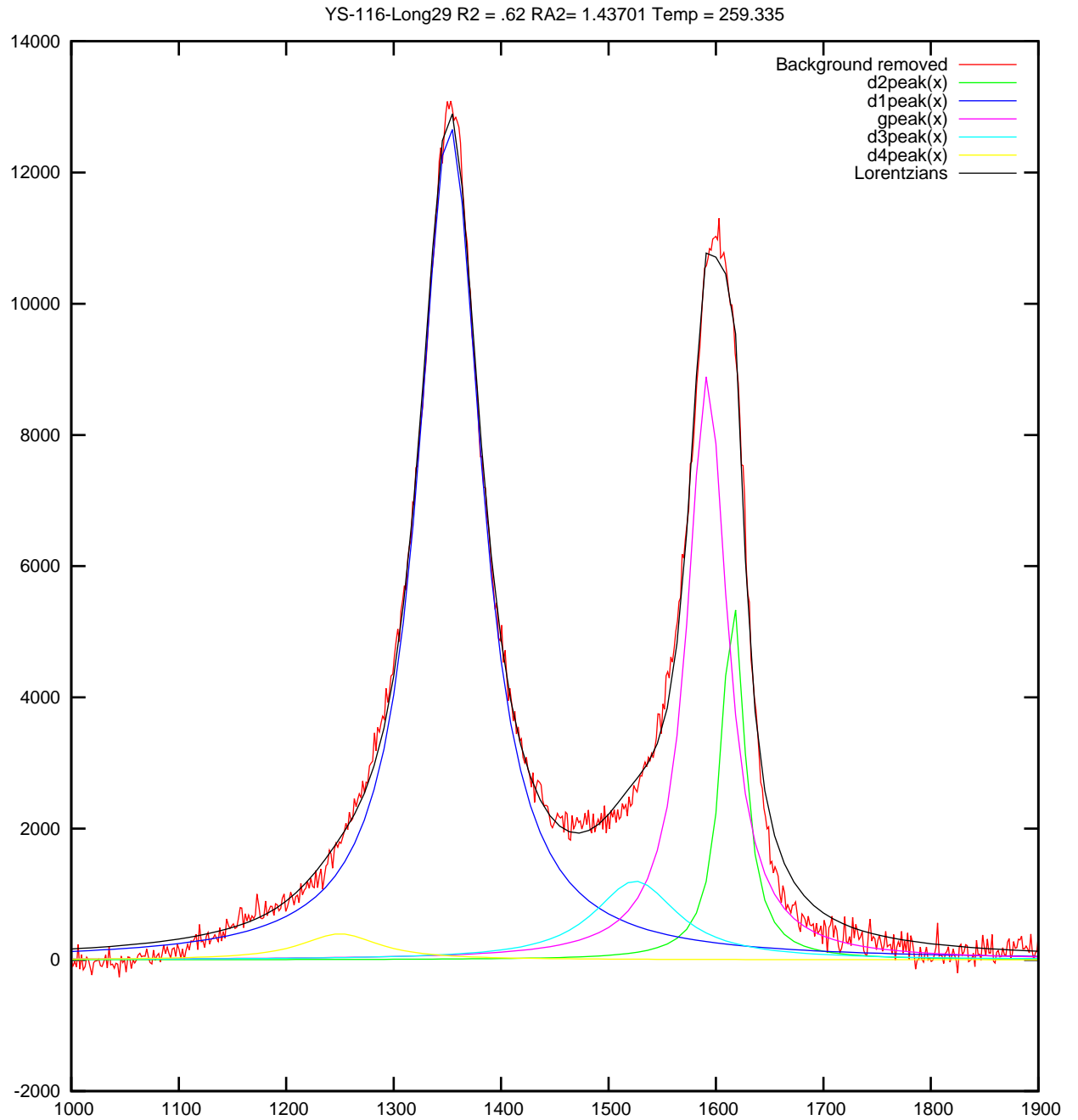
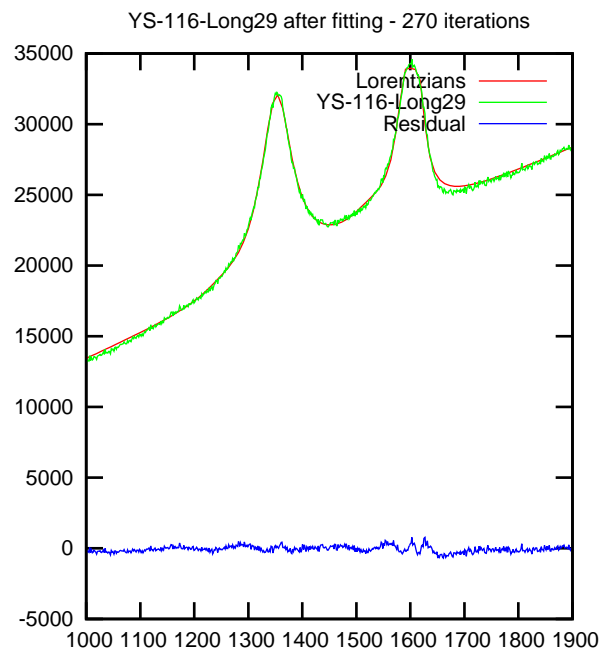
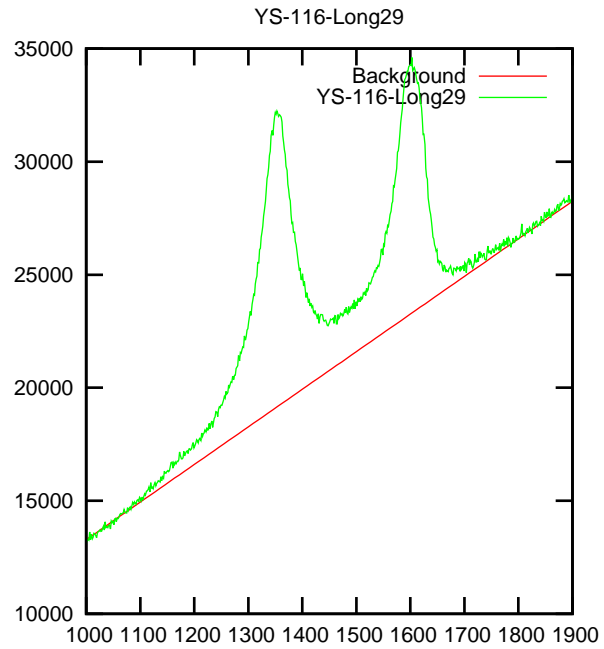


YS-116-Long26 after fitting - 74 iterations

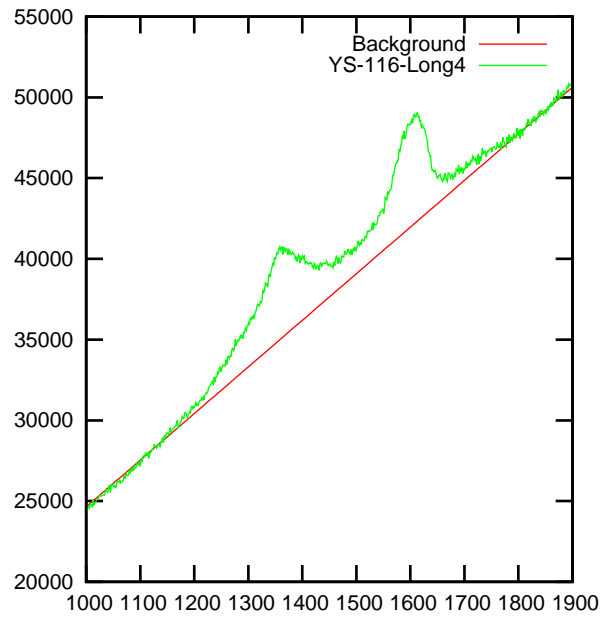




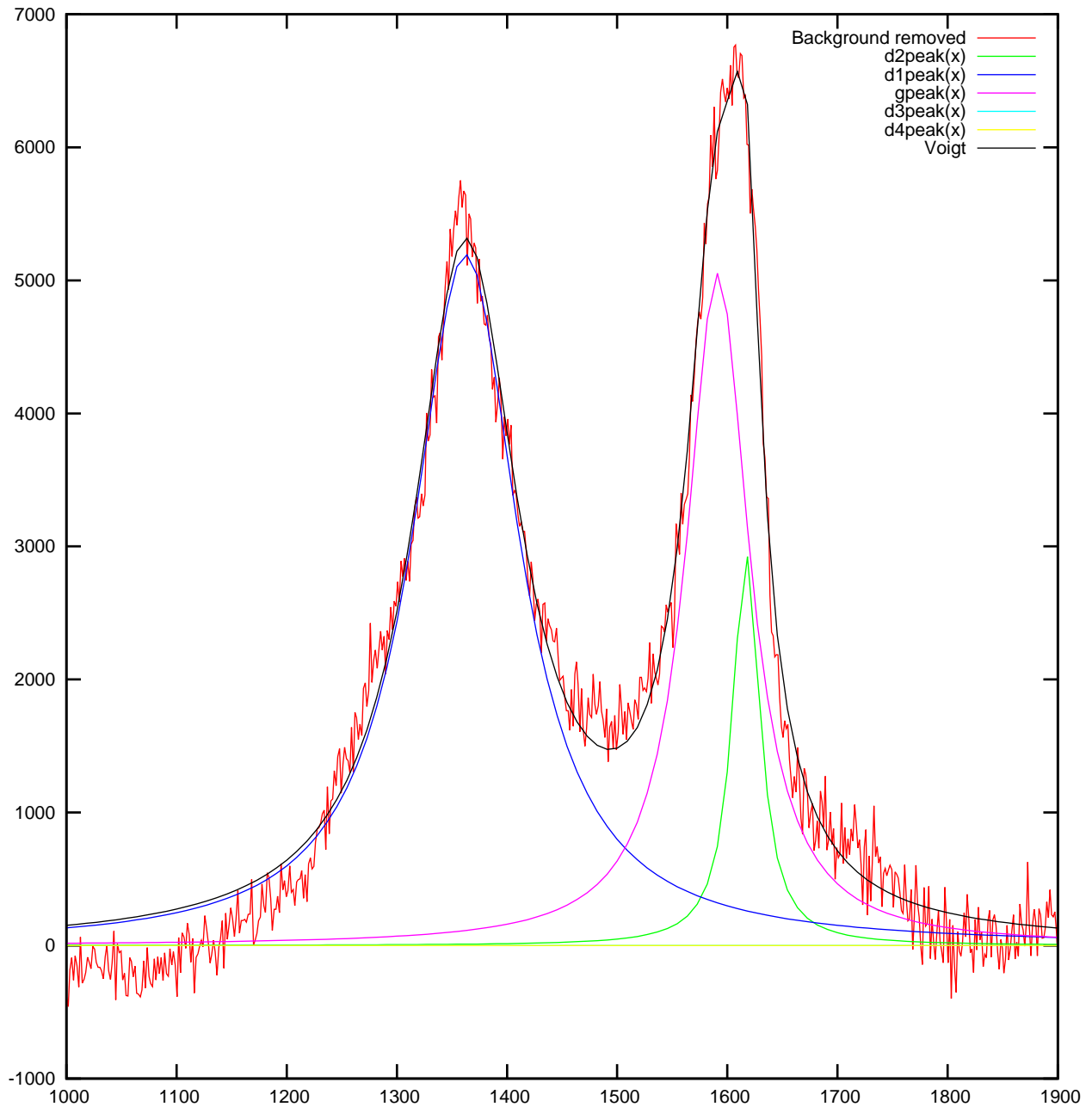




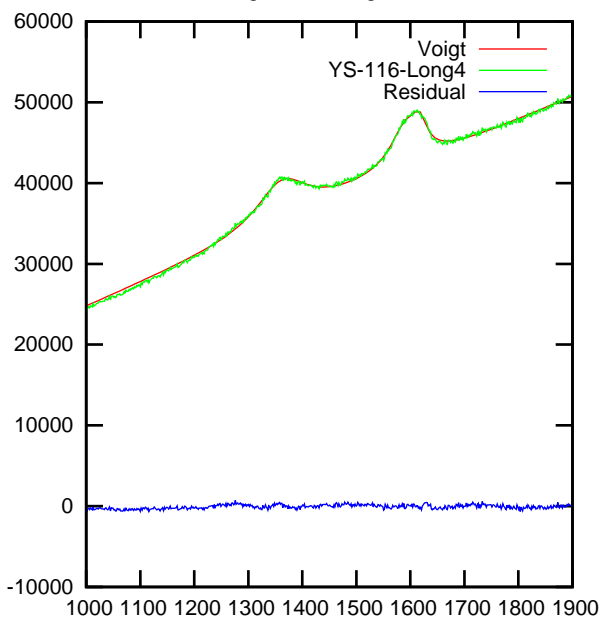
YS-116-Long4



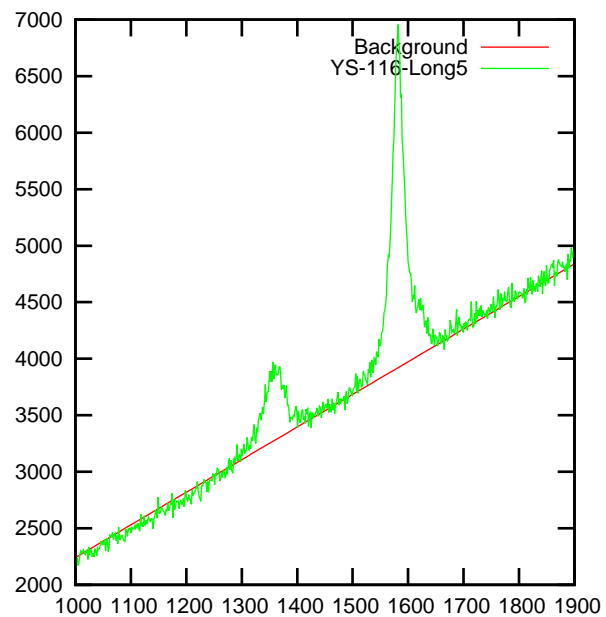
YS-116-Long4 R2 = .58 RA2= na Temp = 382.463



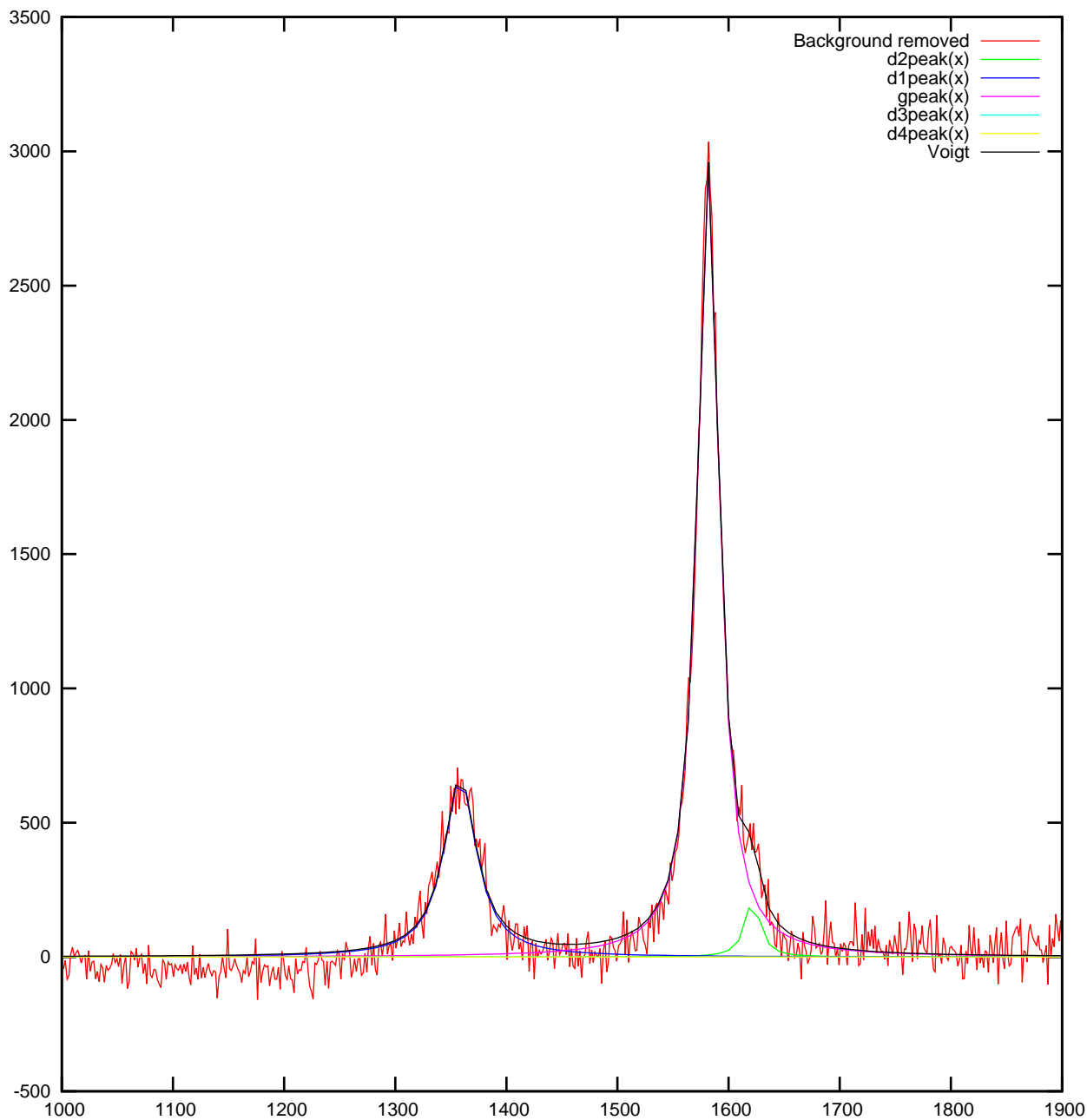
YS-116-Long4 after fitting - 177 iterations



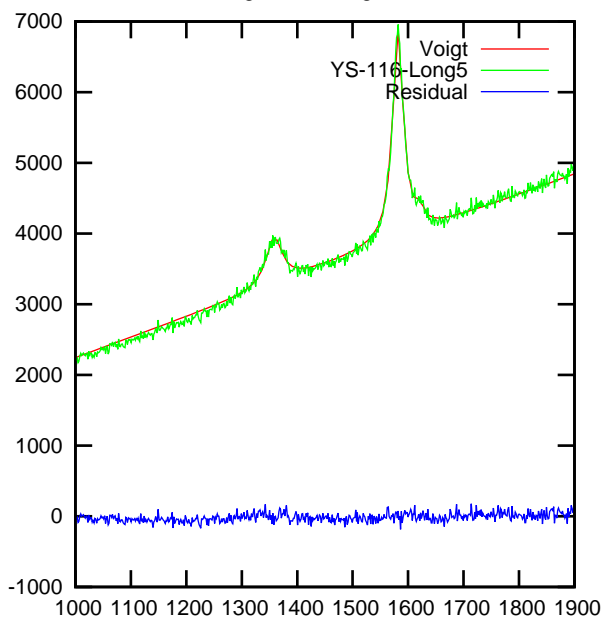
YS-116-Long5

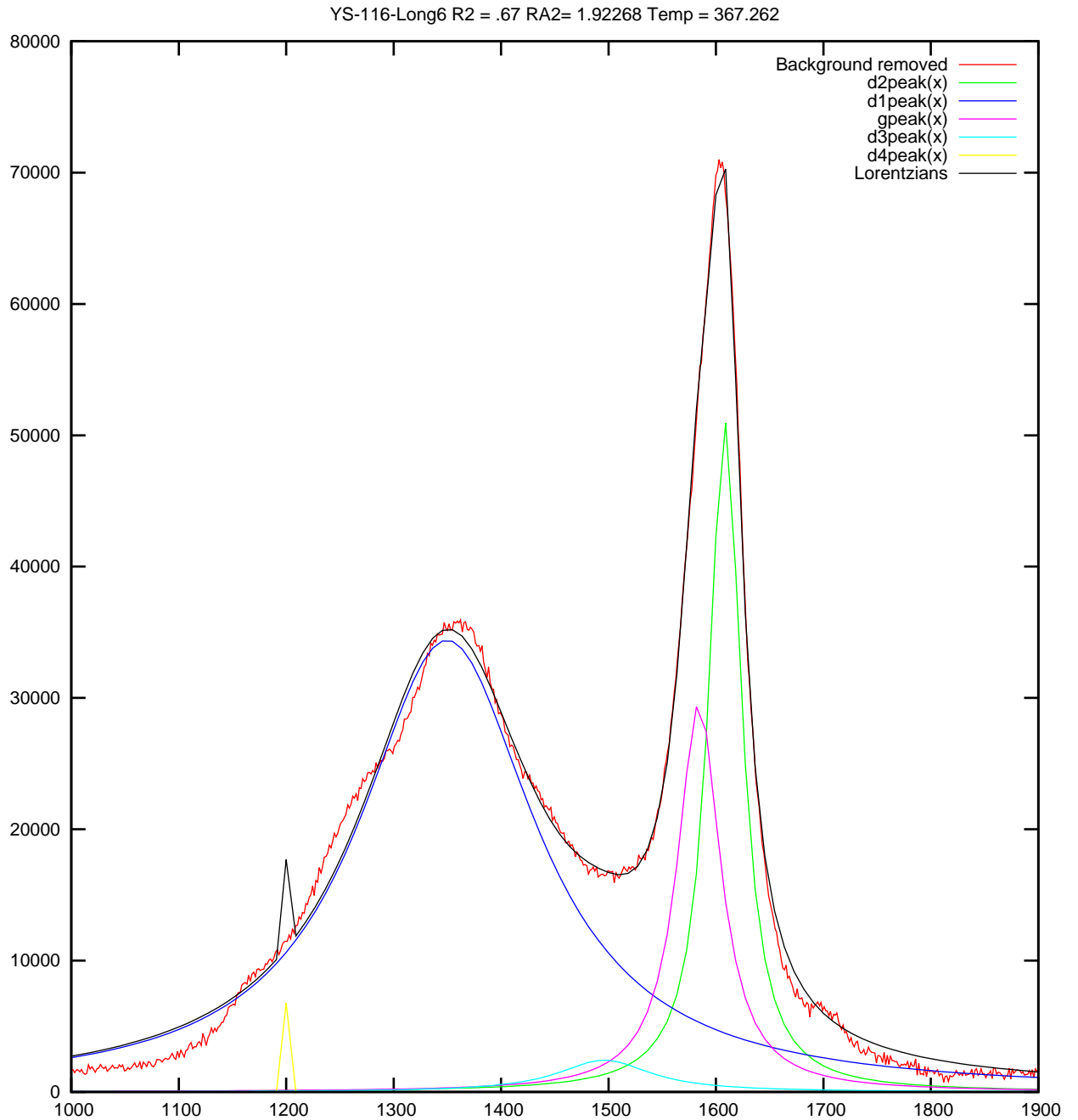
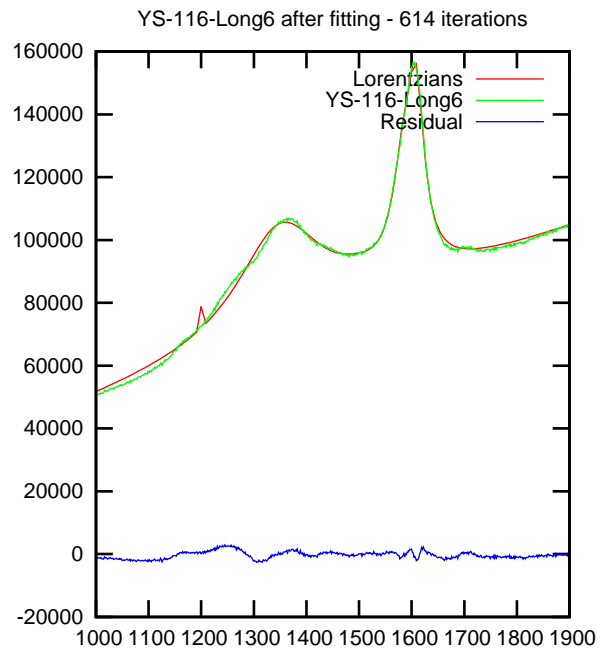
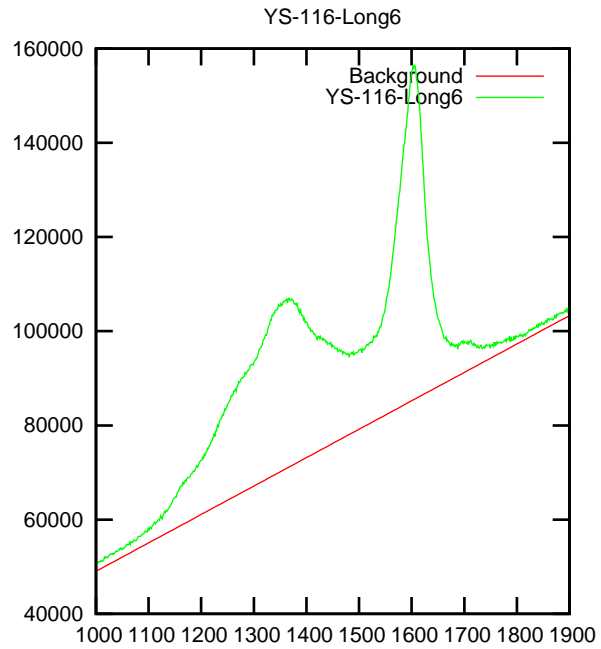


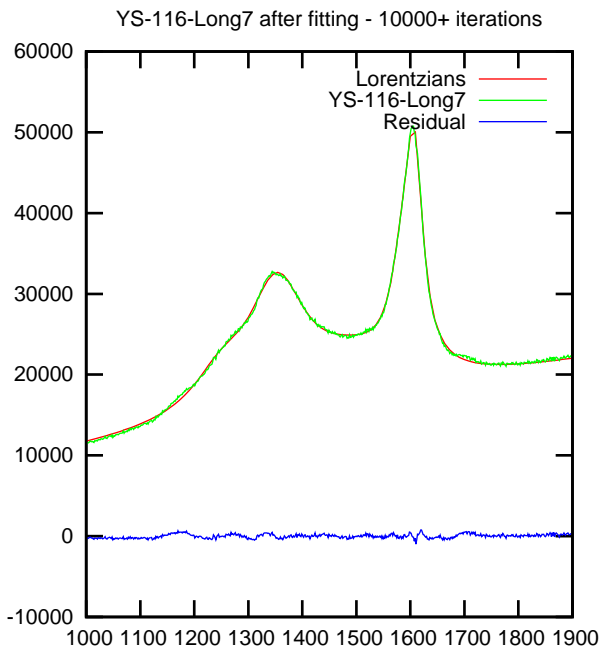
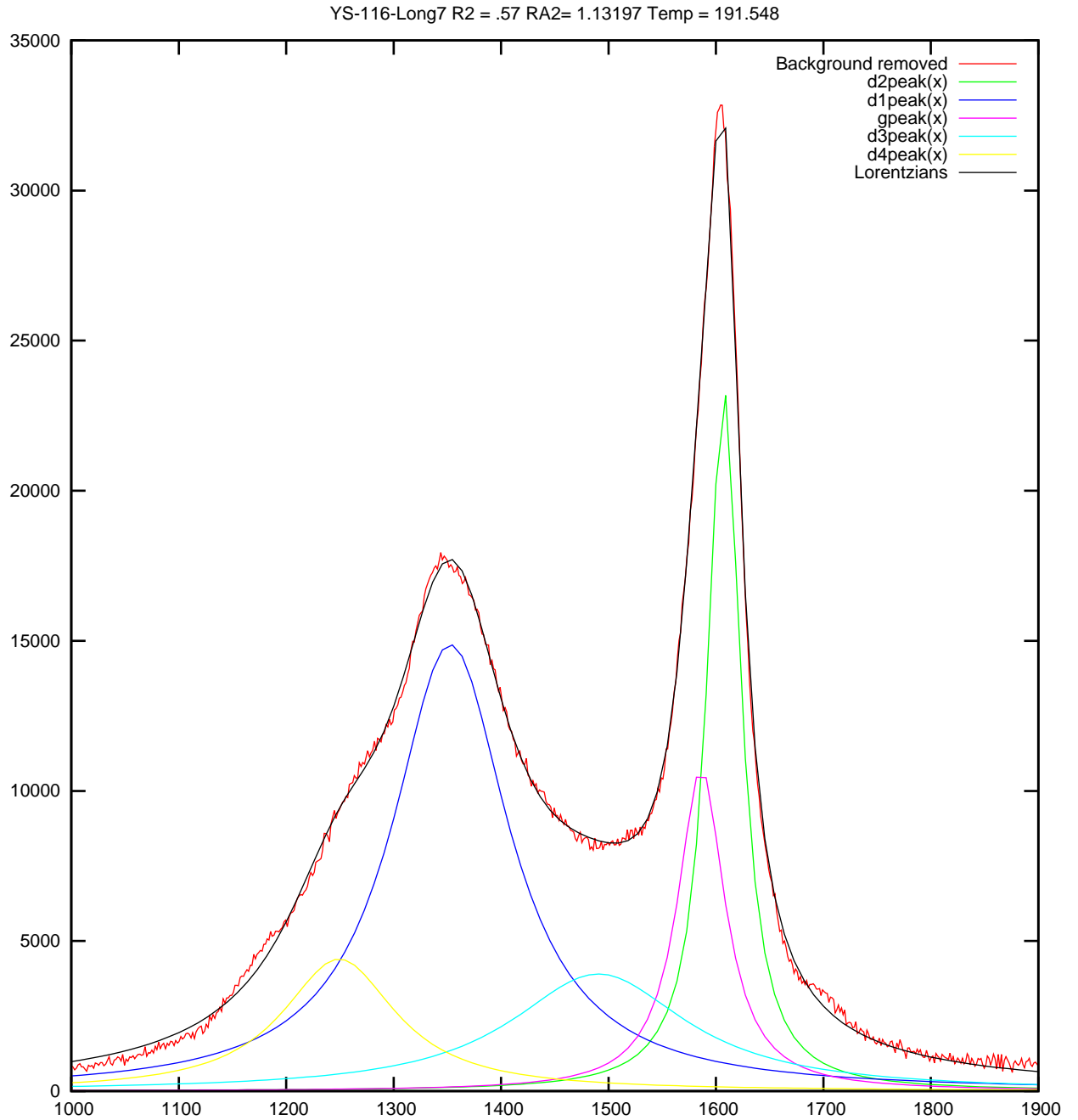
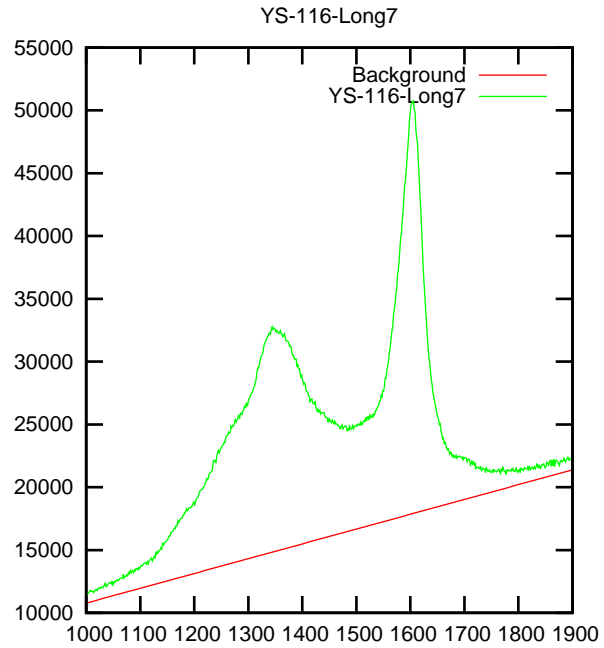
YS-116-Long5 R2 = .24 RA2= na Temp = 531.863

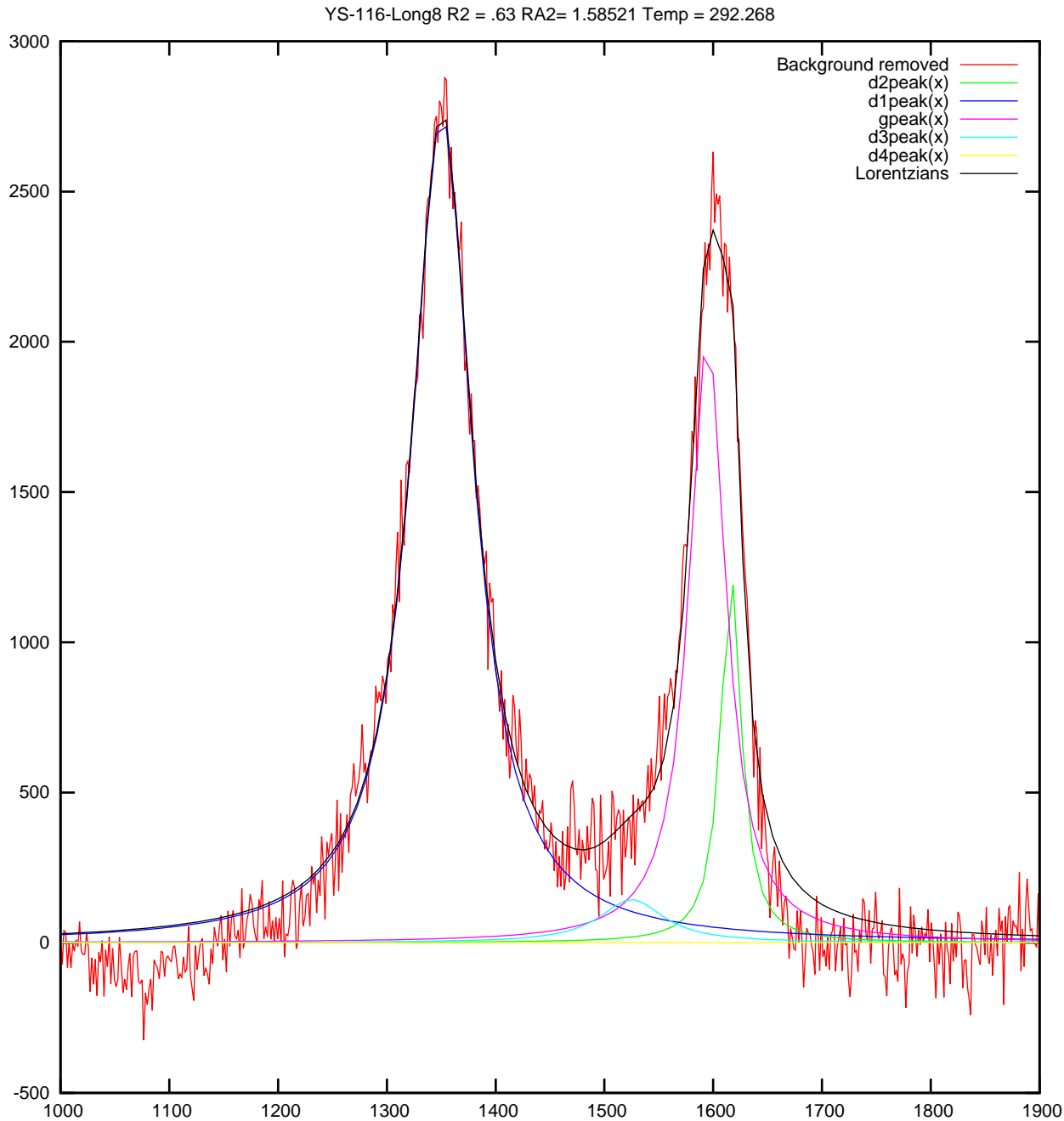
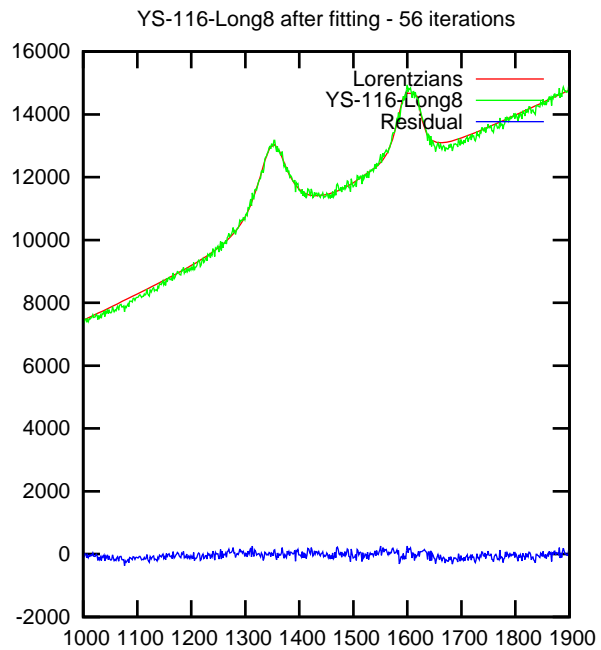
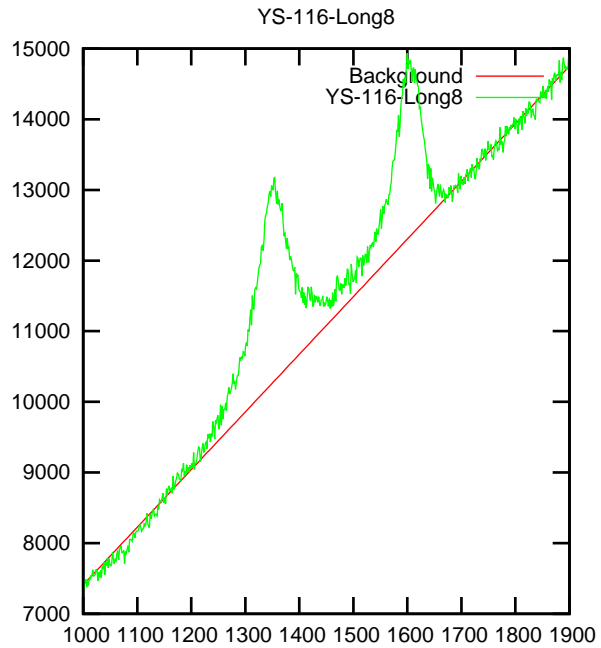


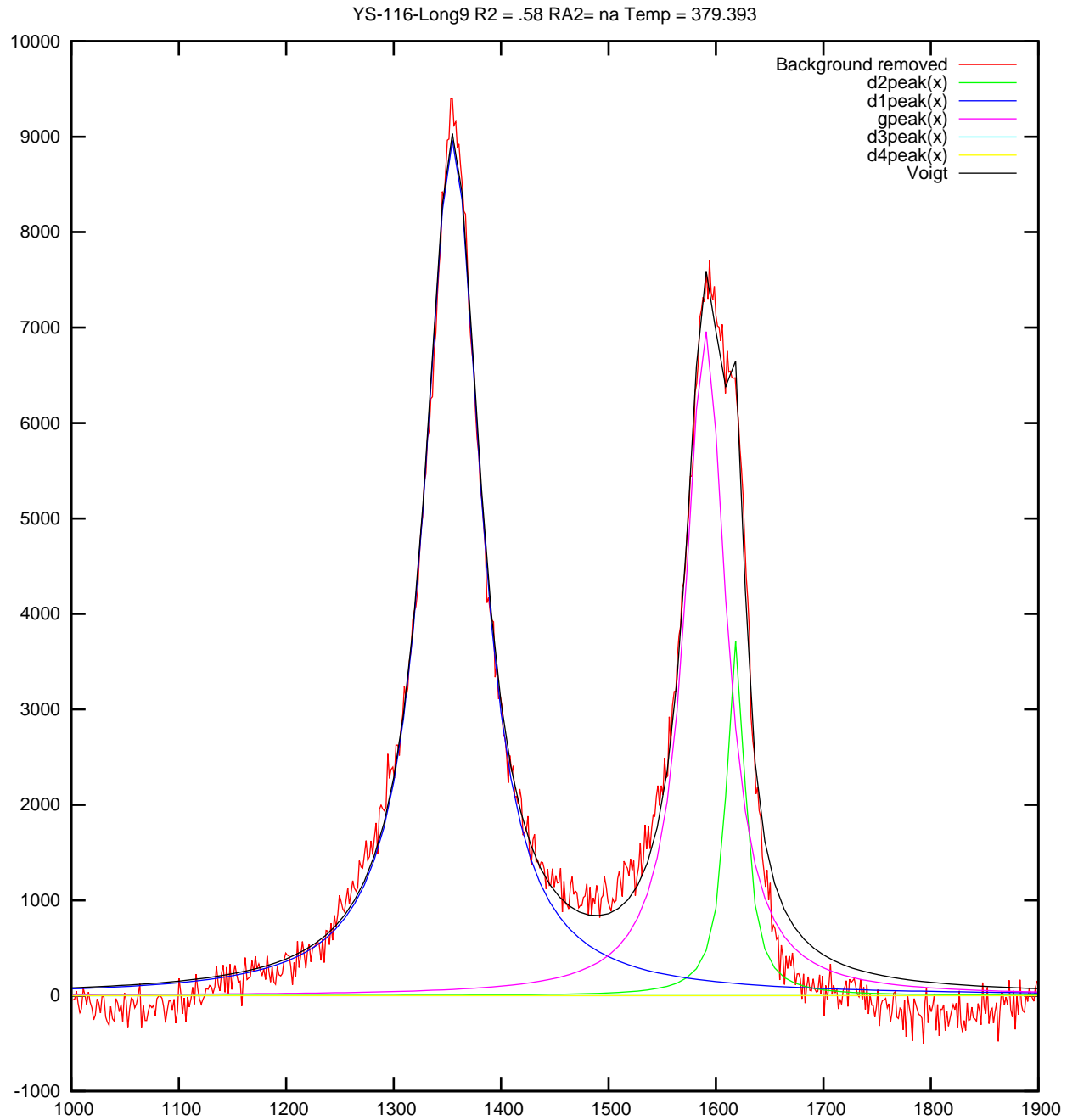
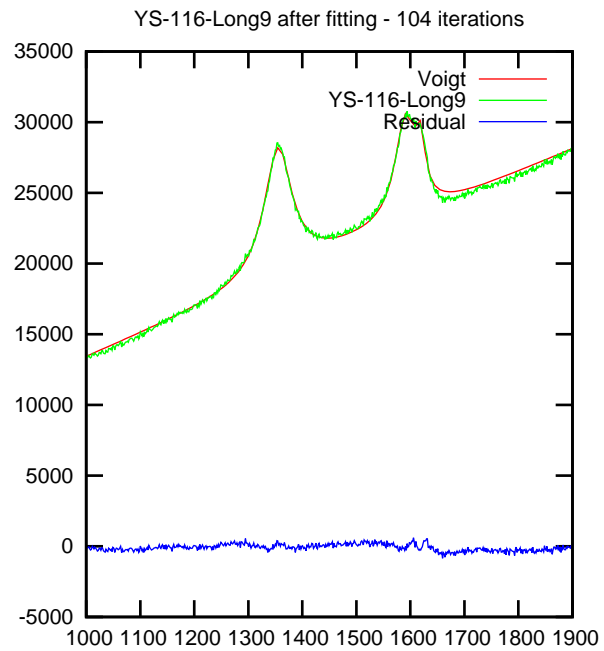
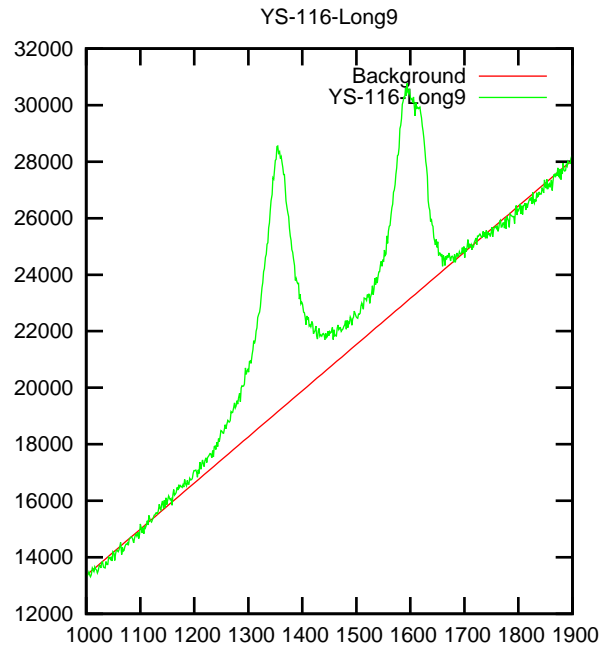
YS-116-Long5 after fitting - 112 iterations

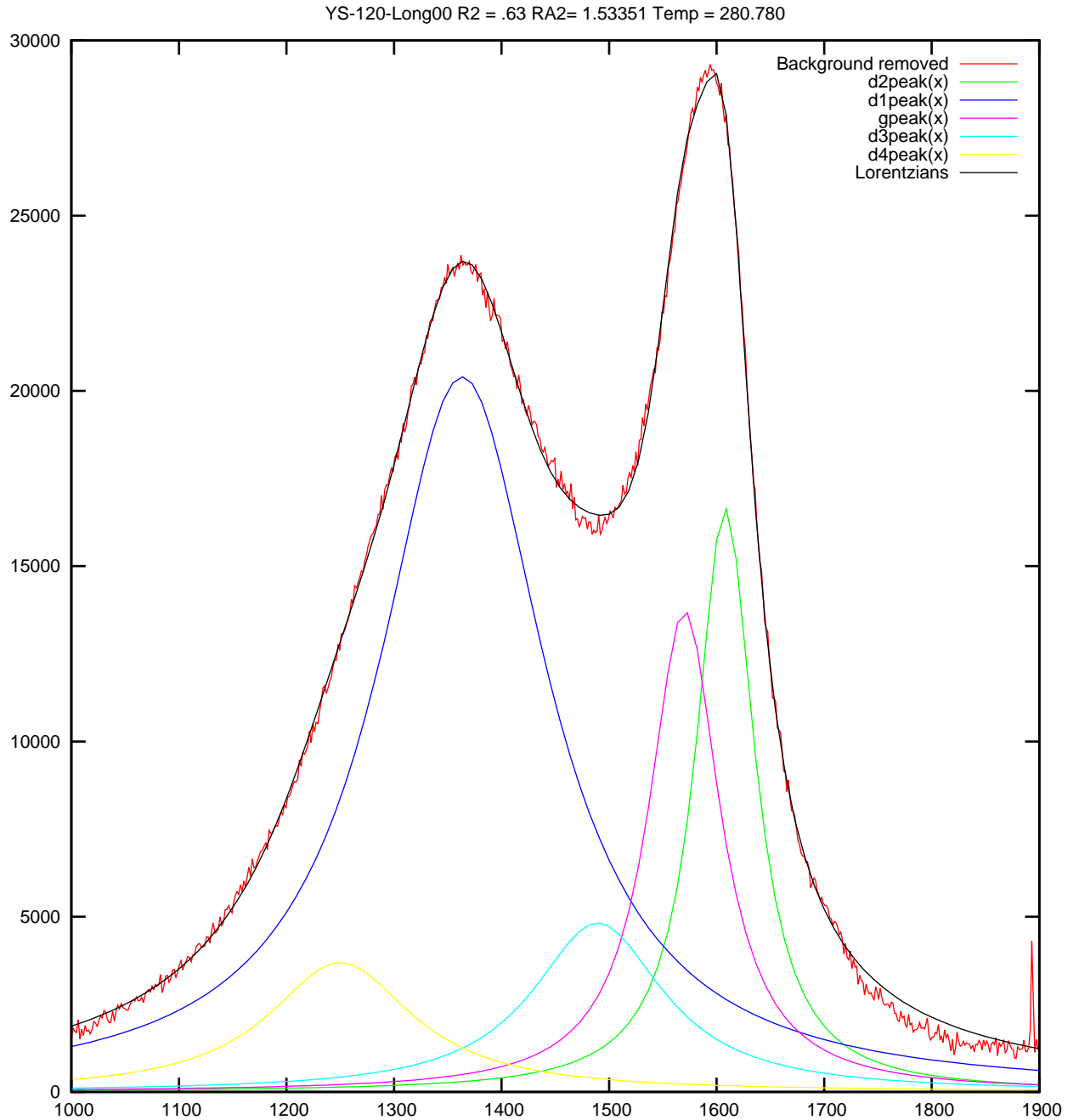
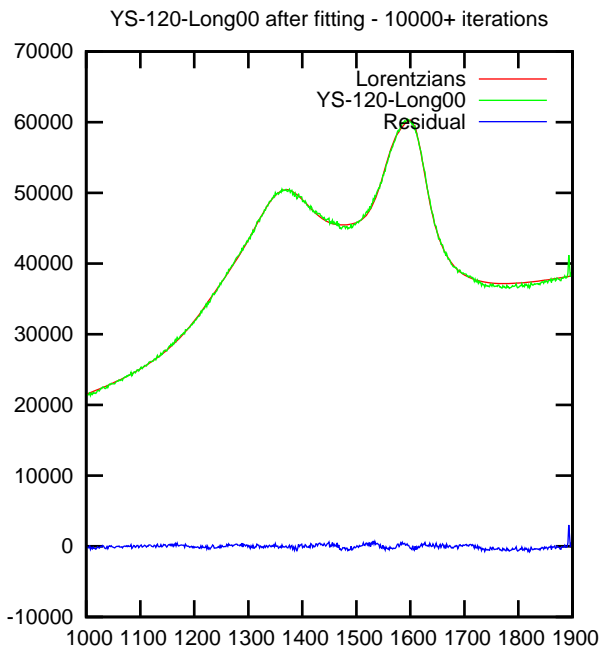
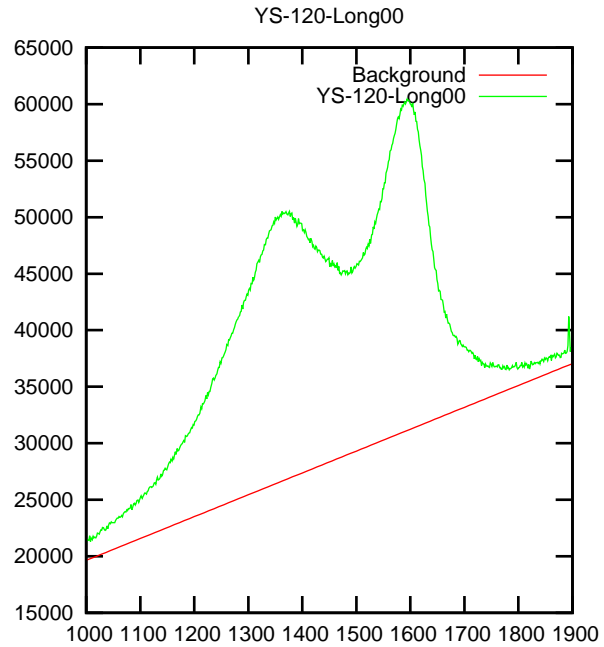


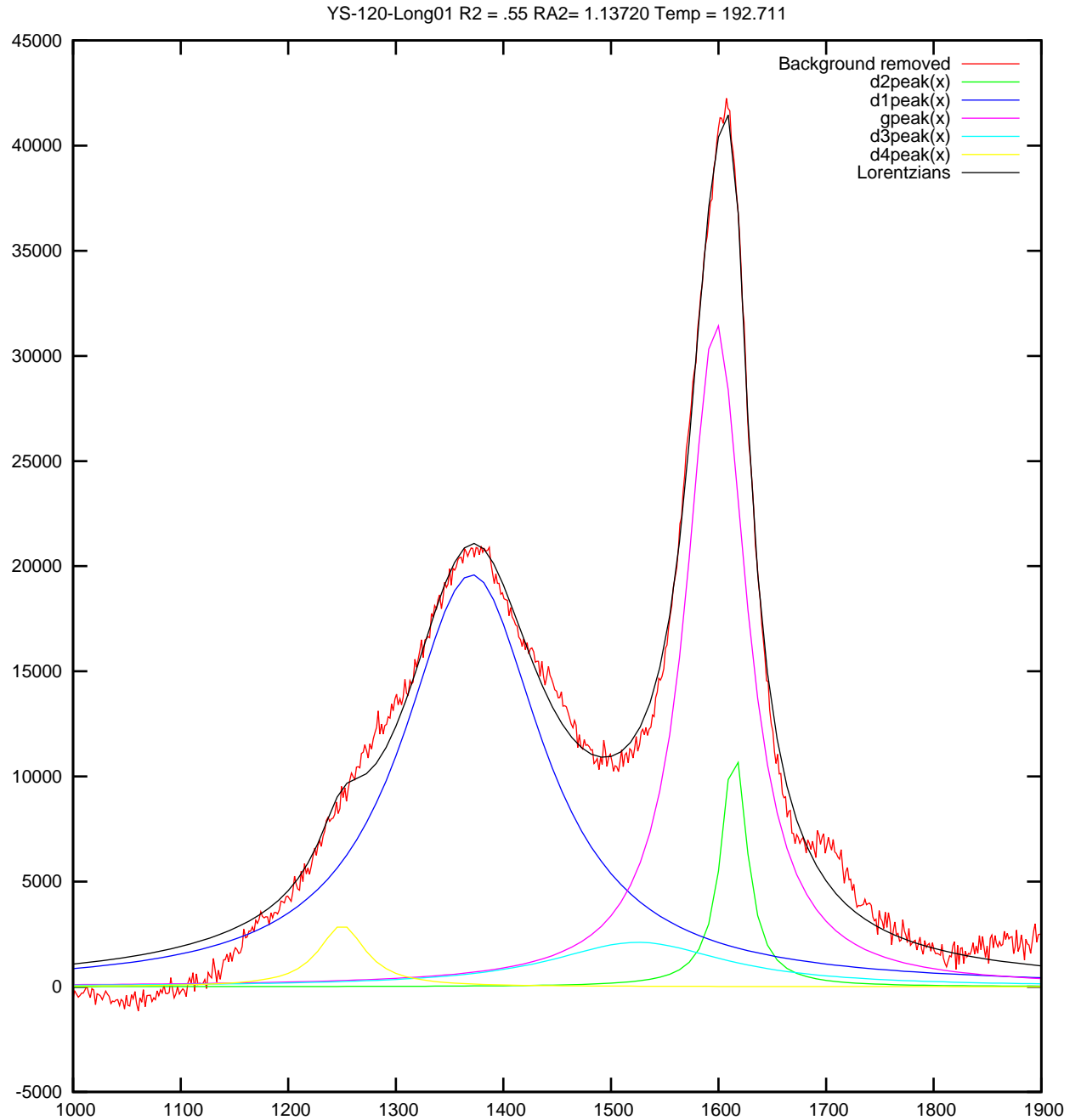
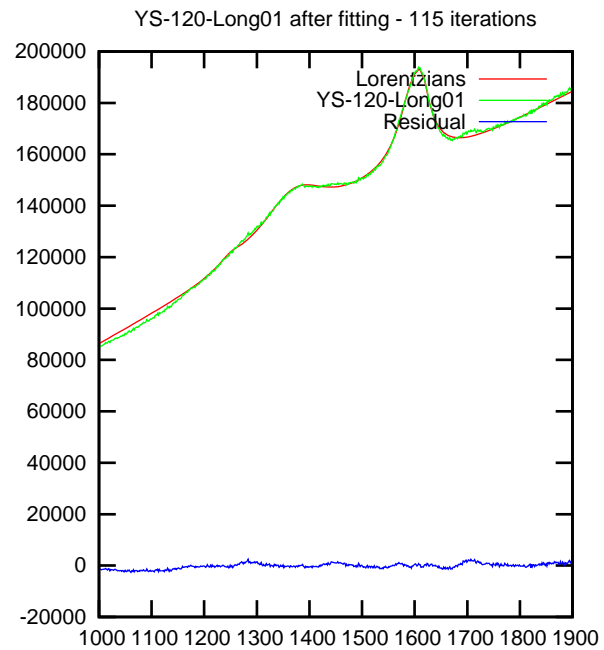
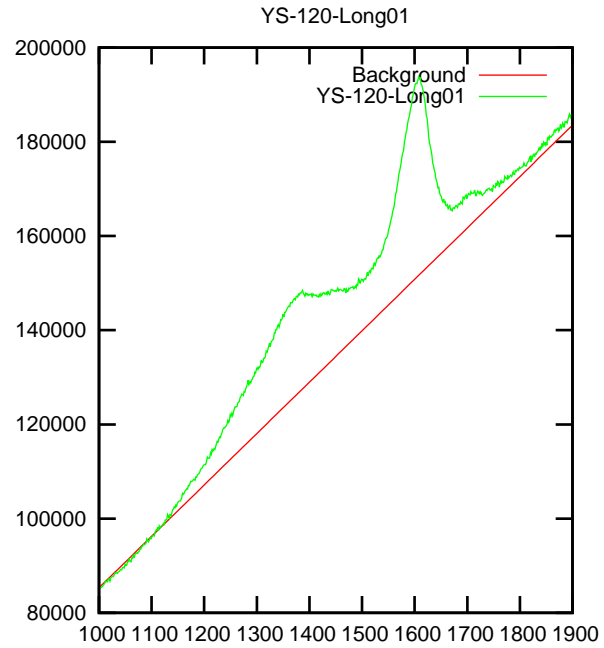




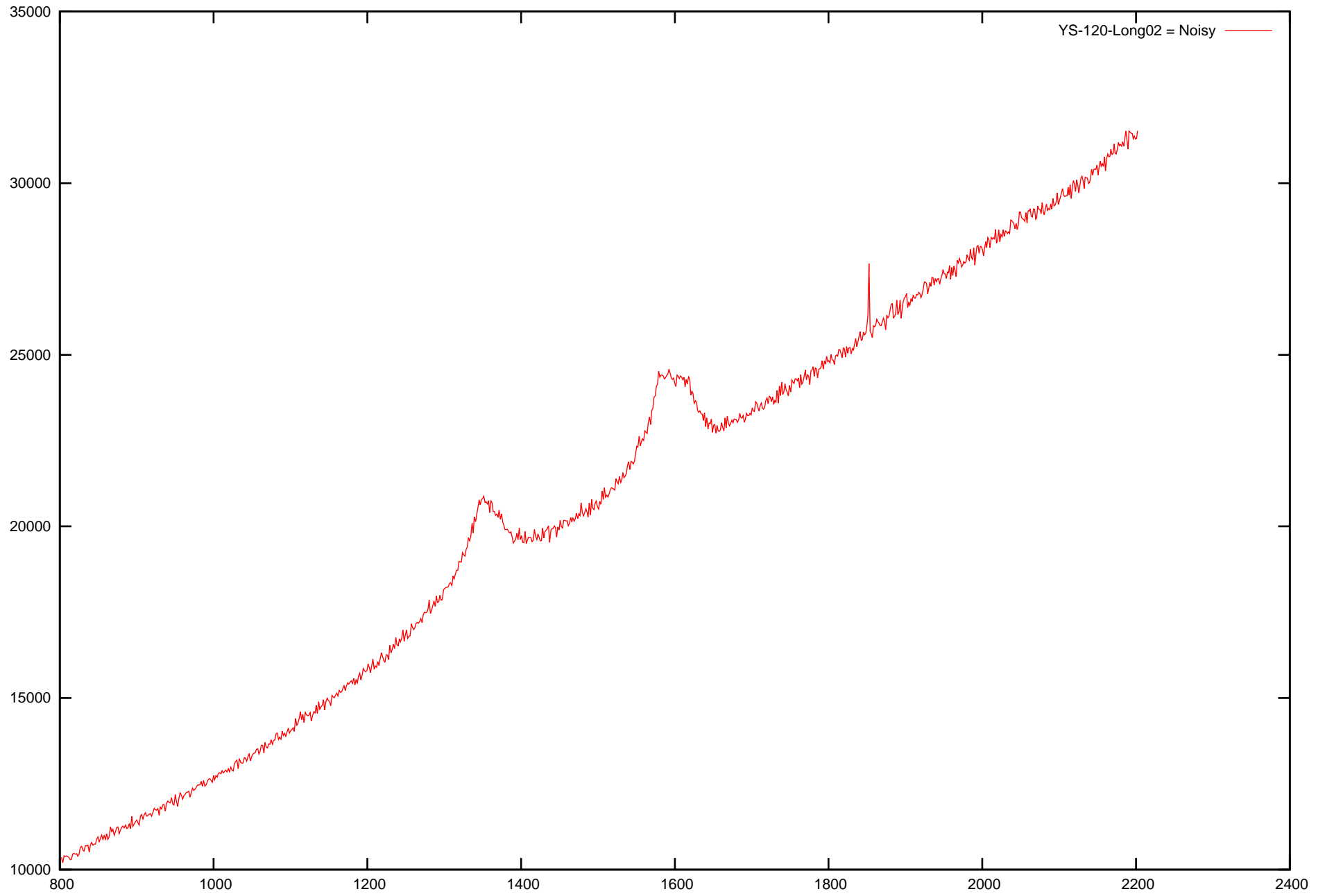




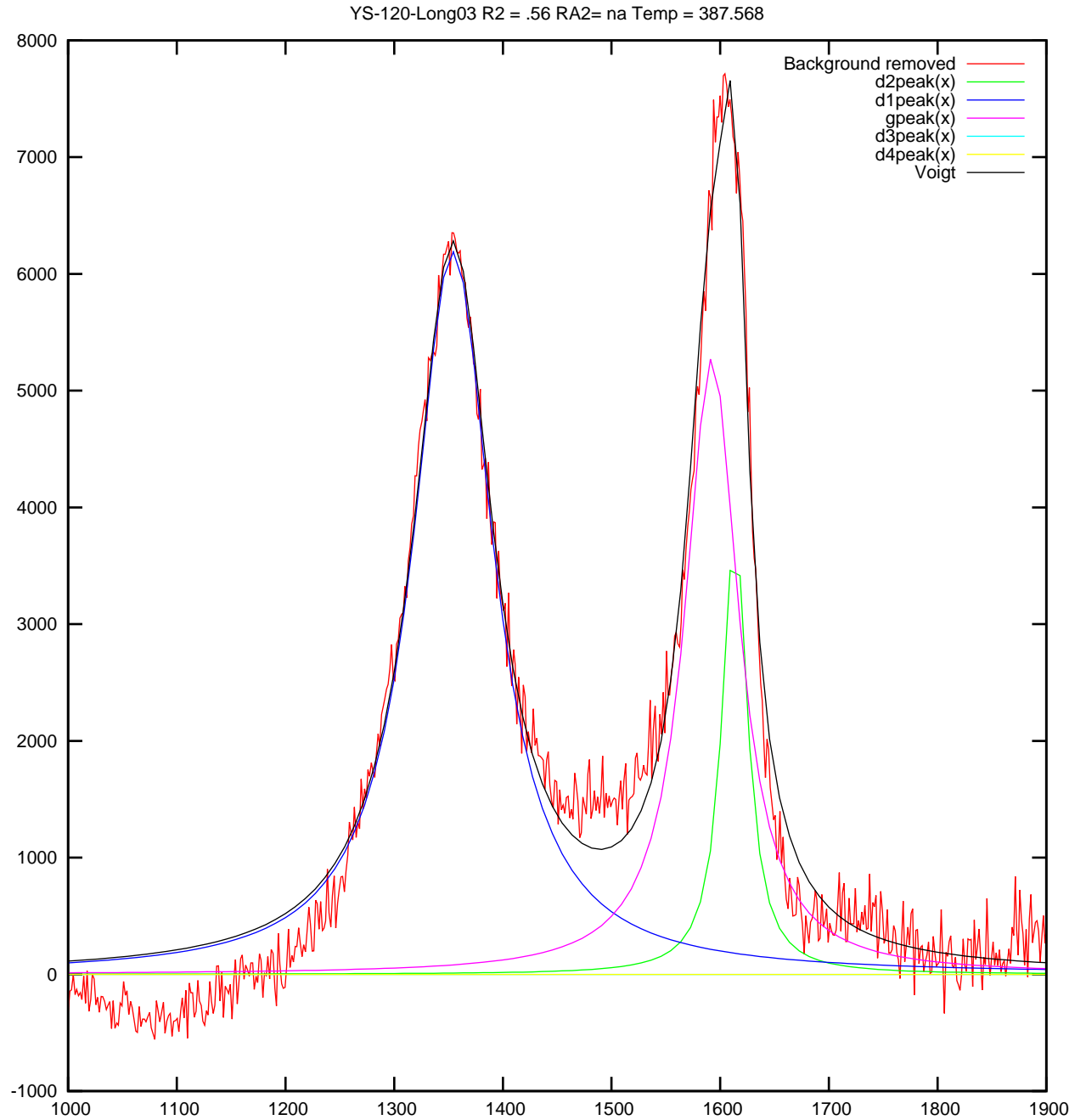
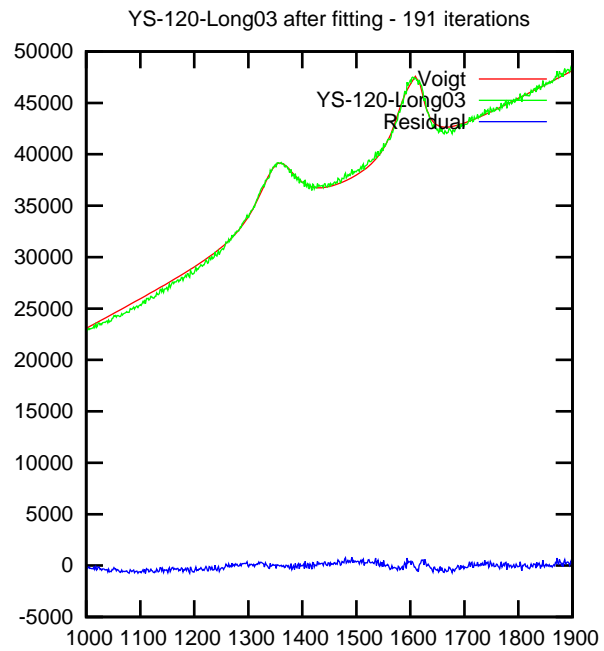
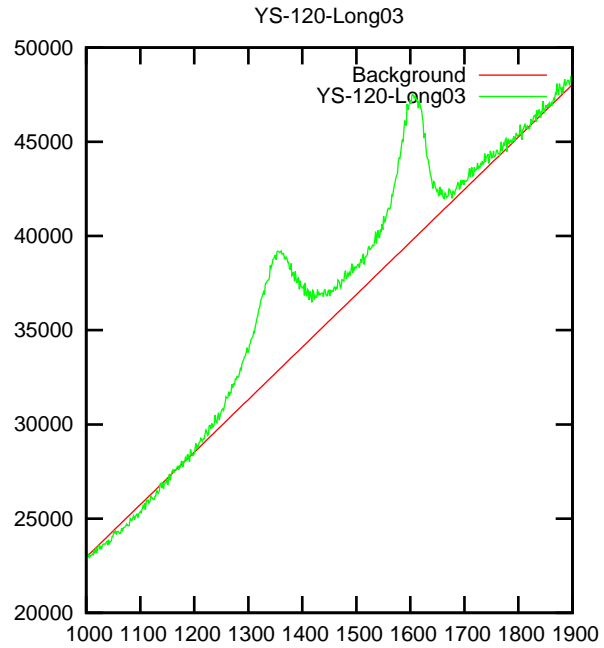


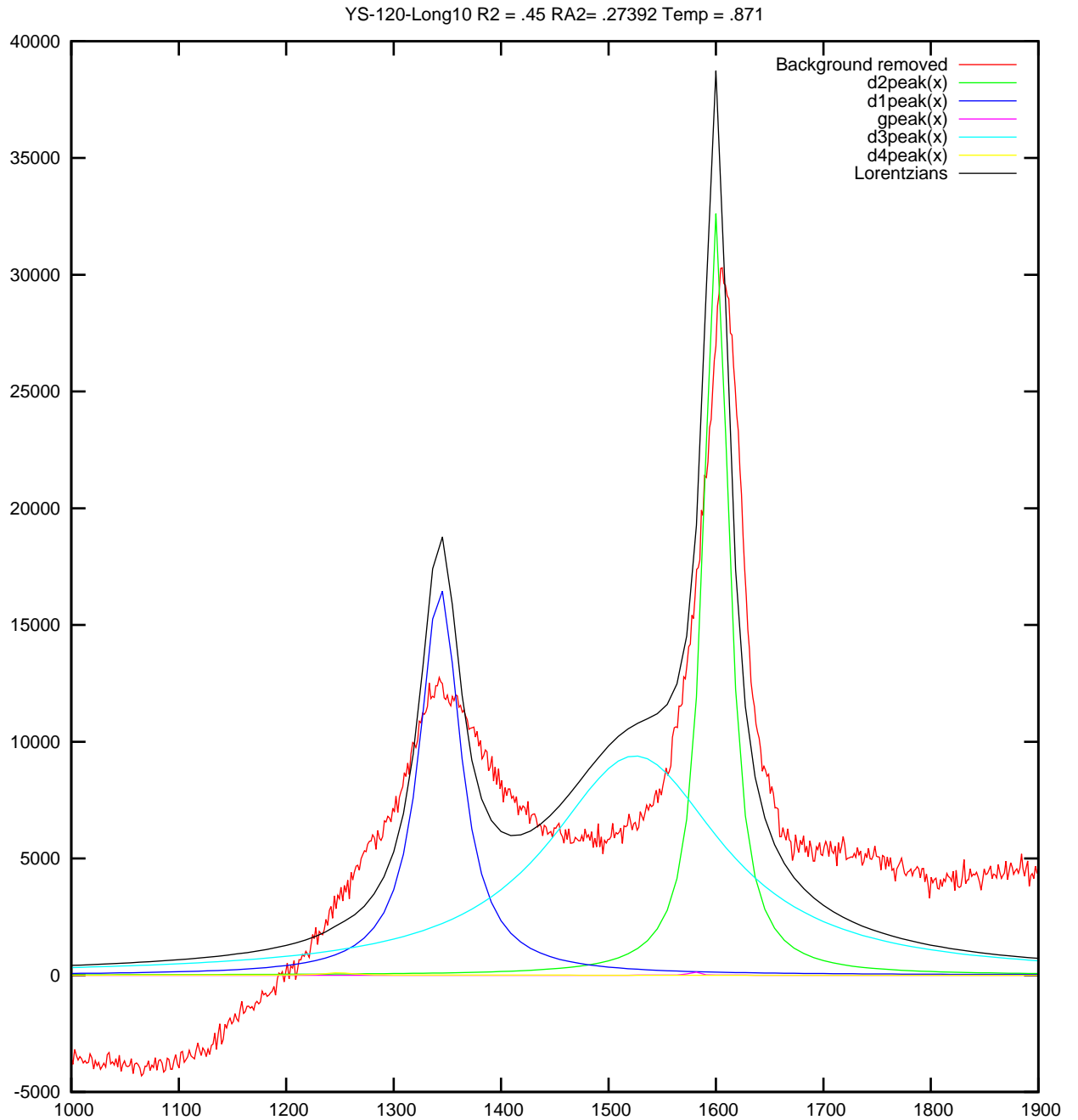
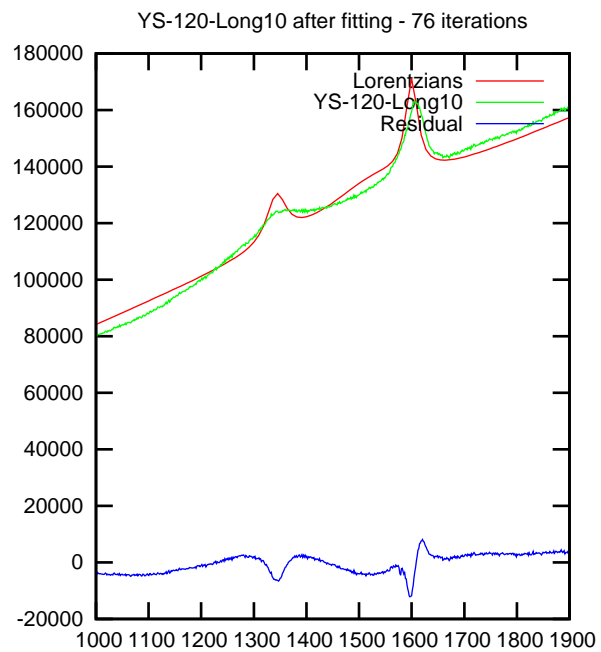
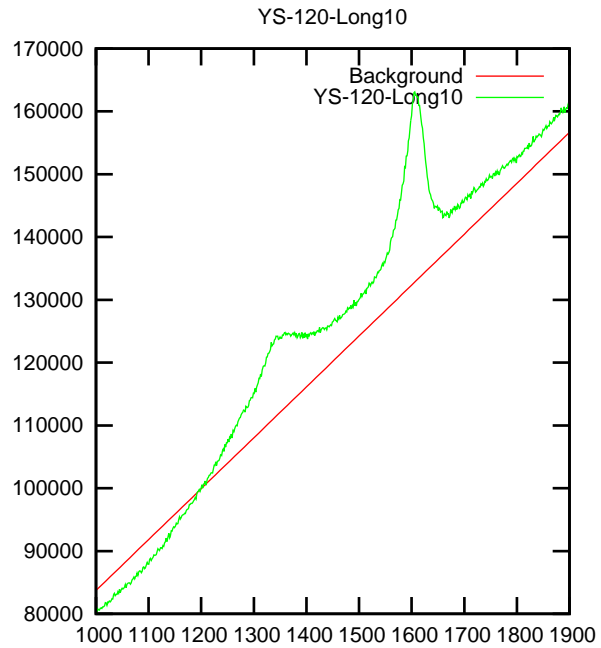


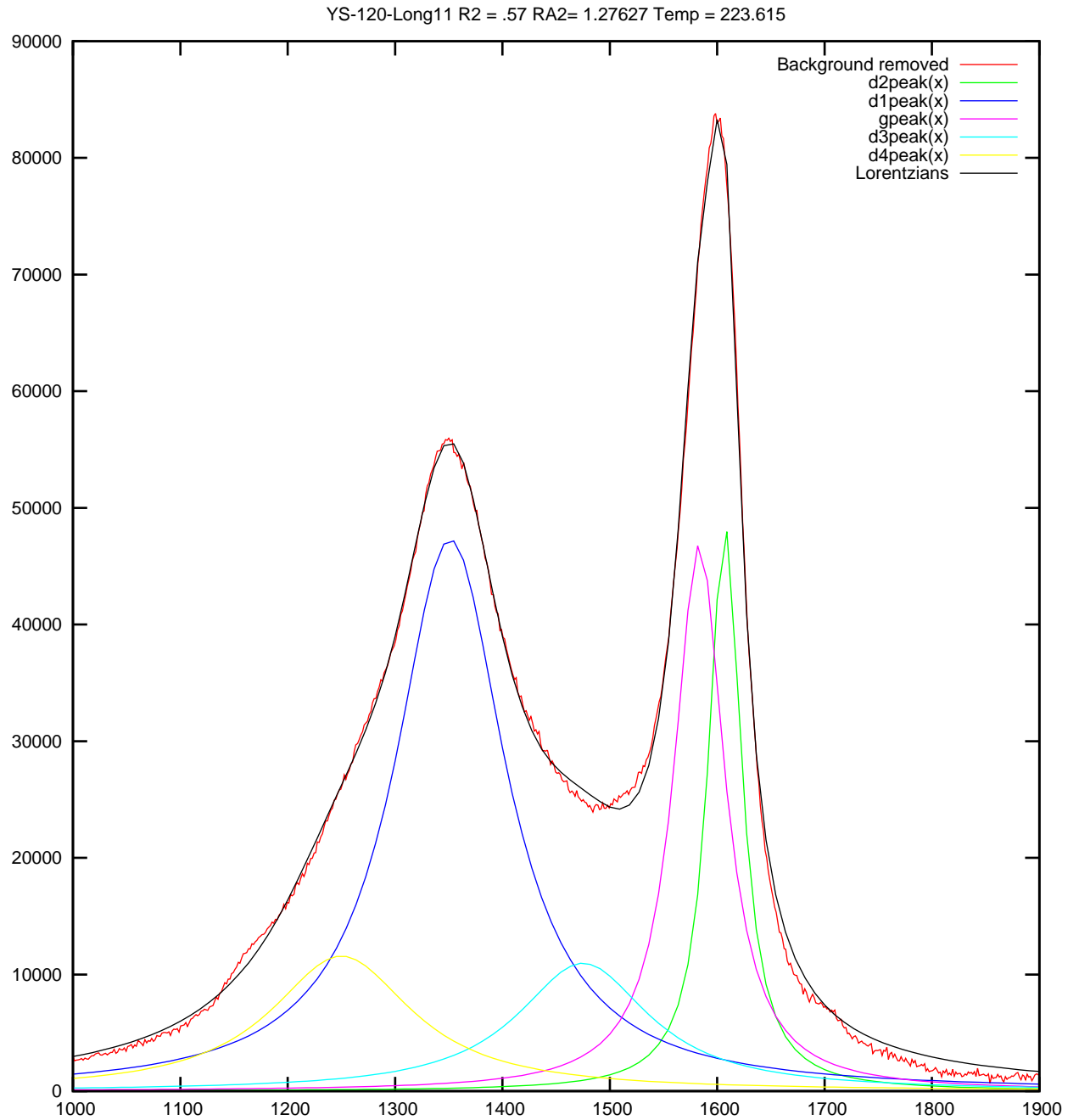
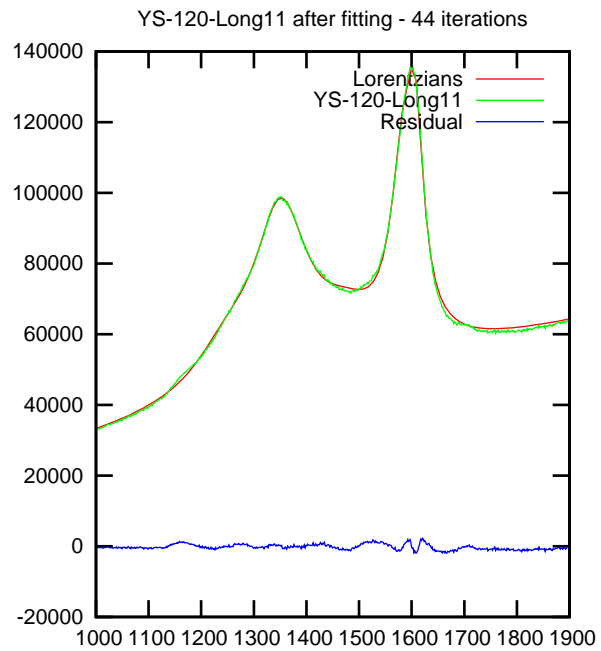
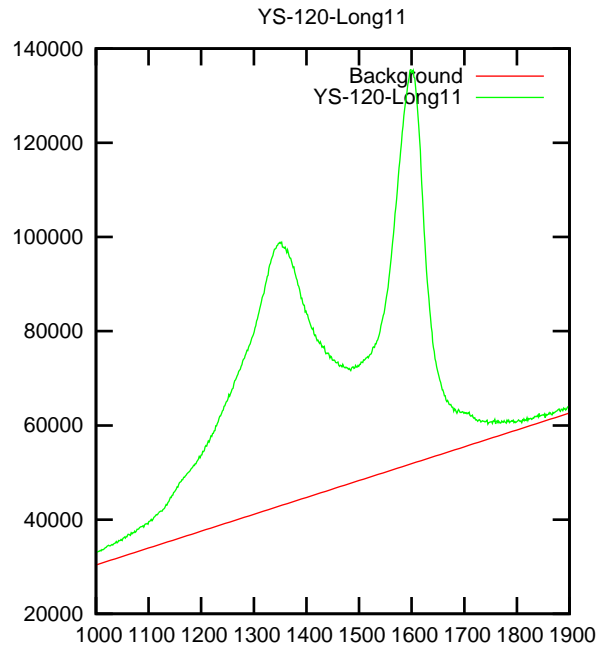
YS-120-Long02 = Noisy

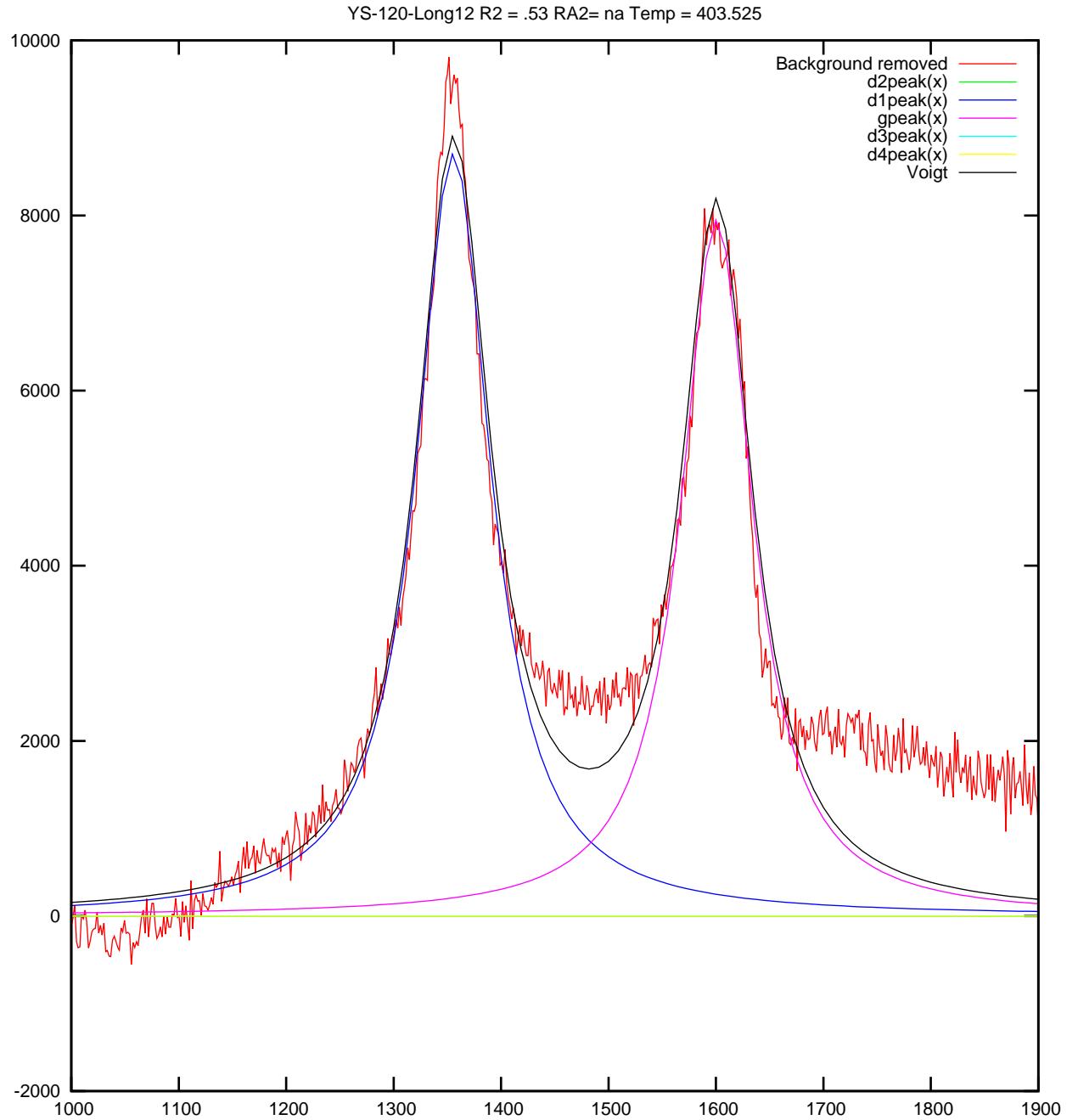
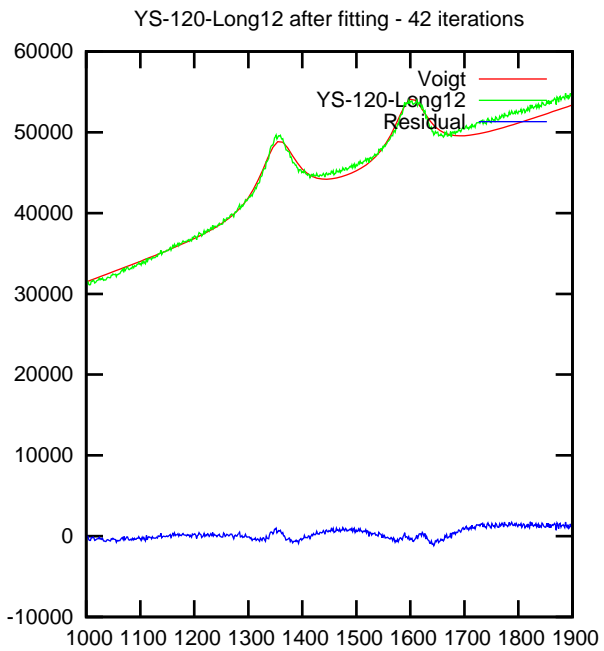
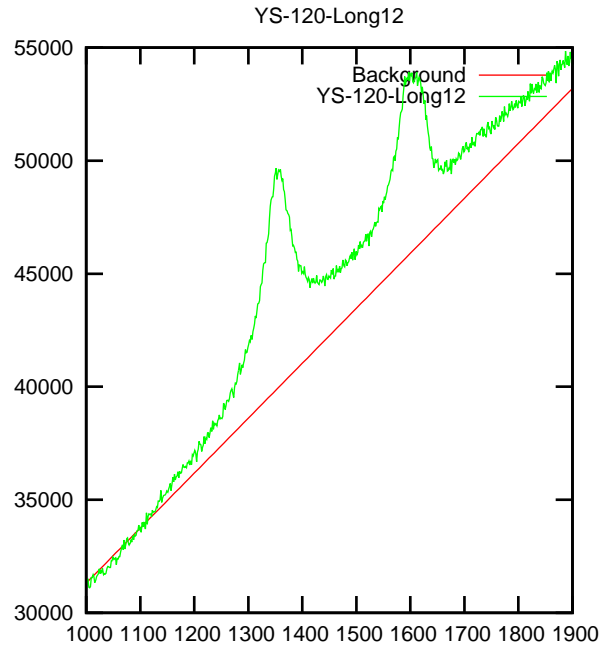


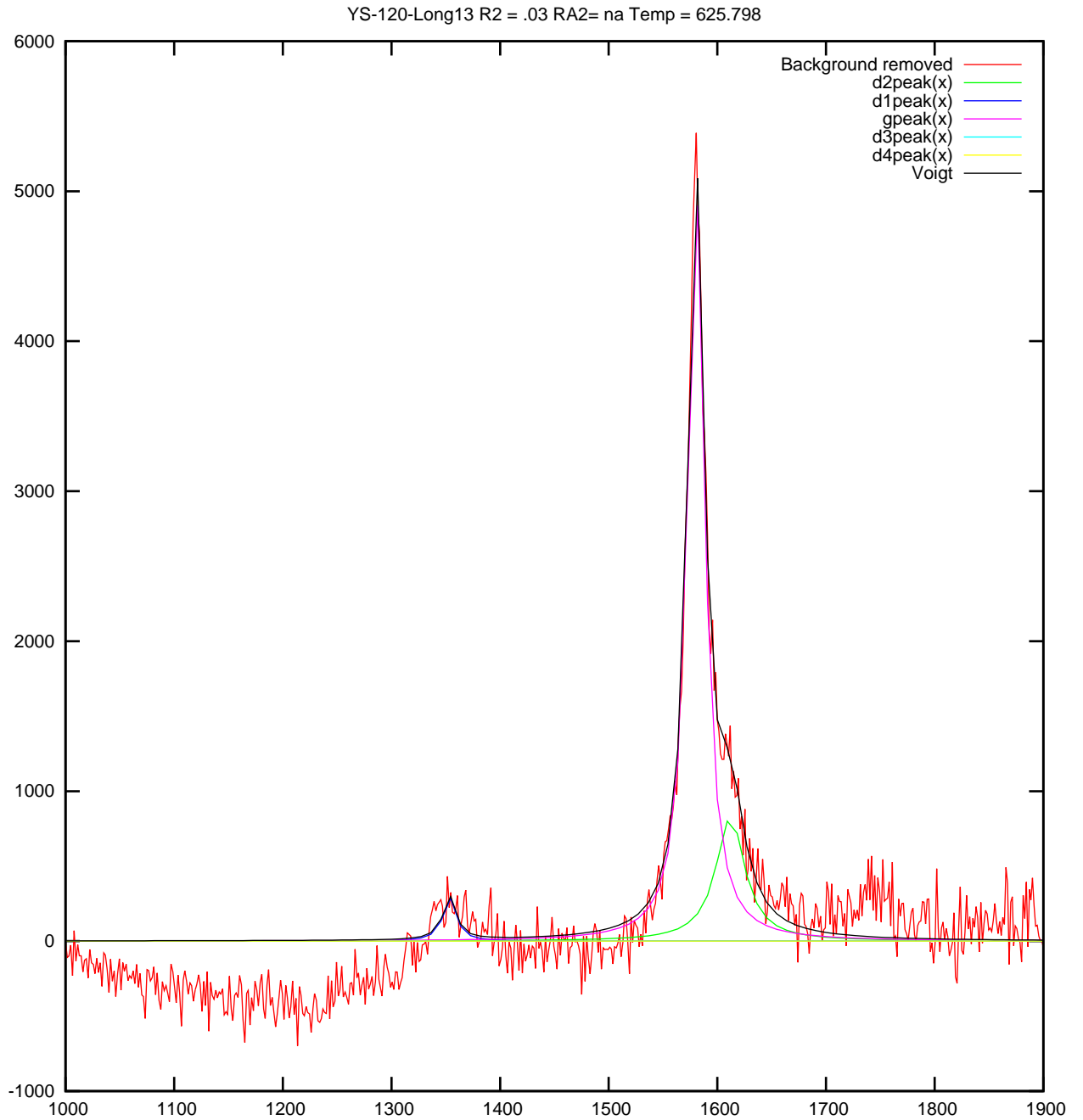
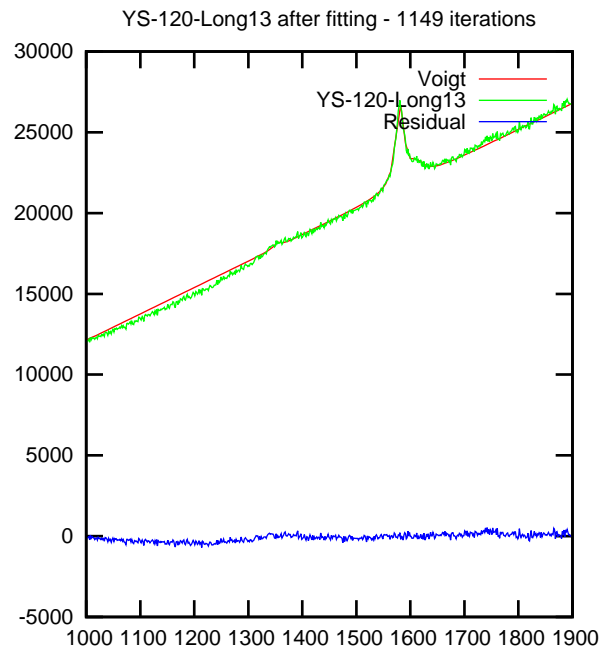
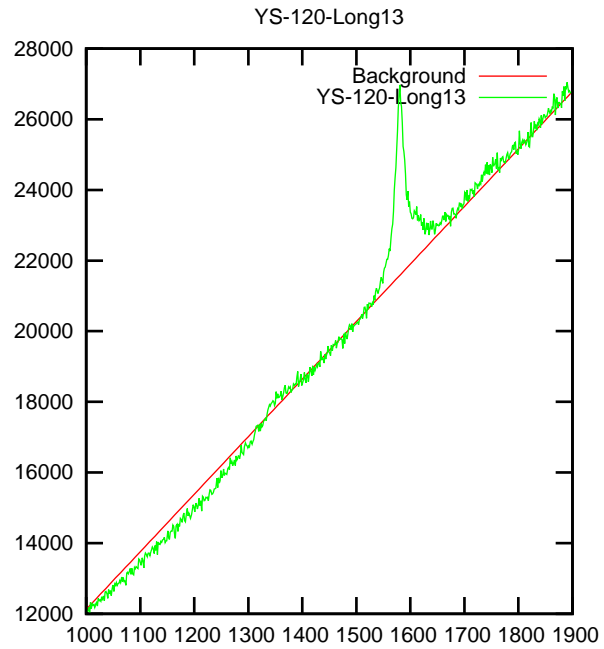
YS-120-Long02 = Noisy

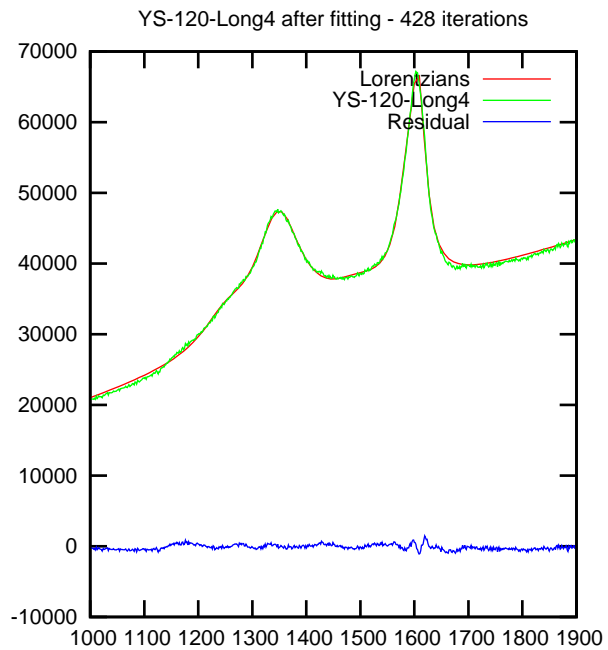
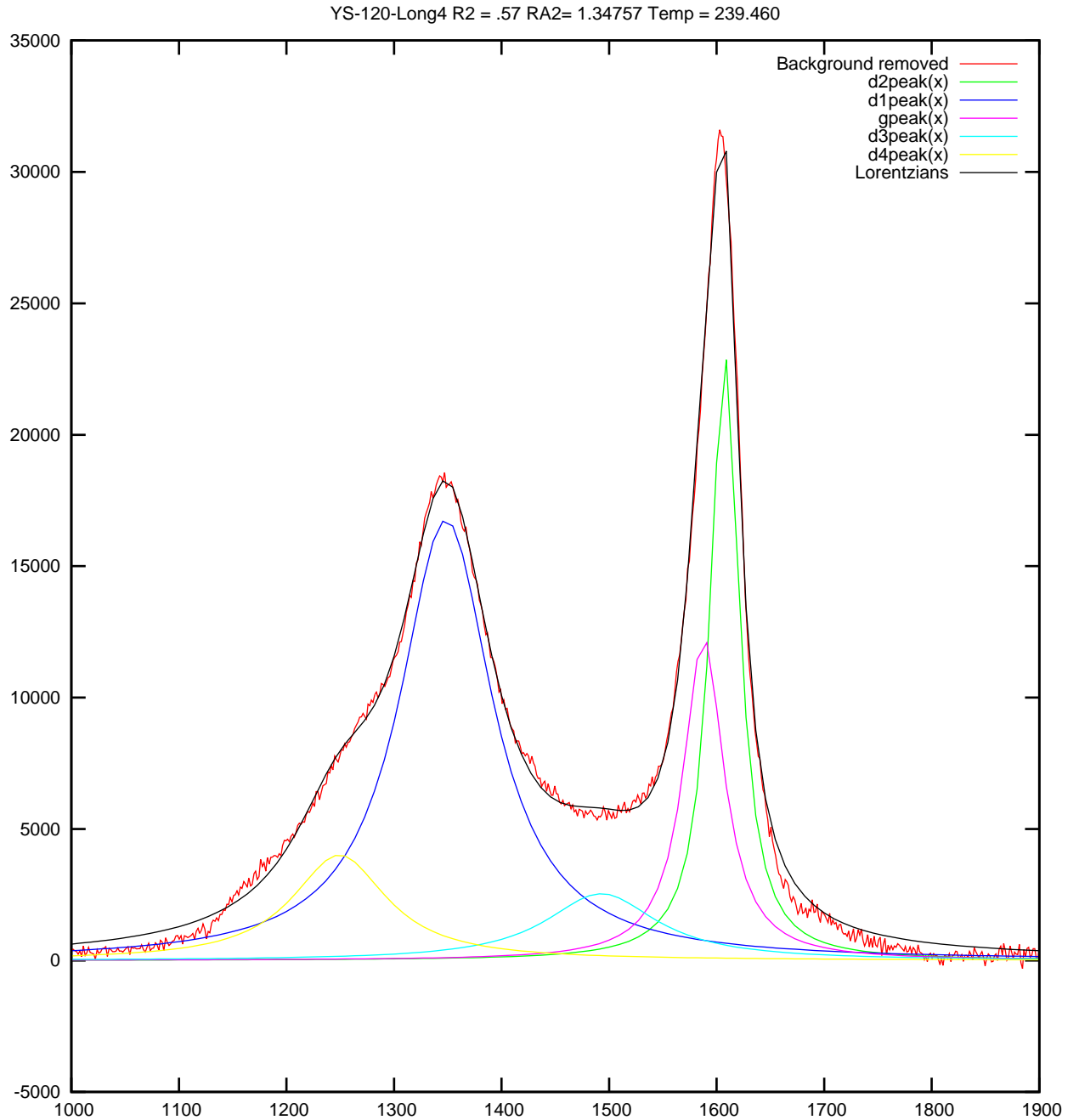
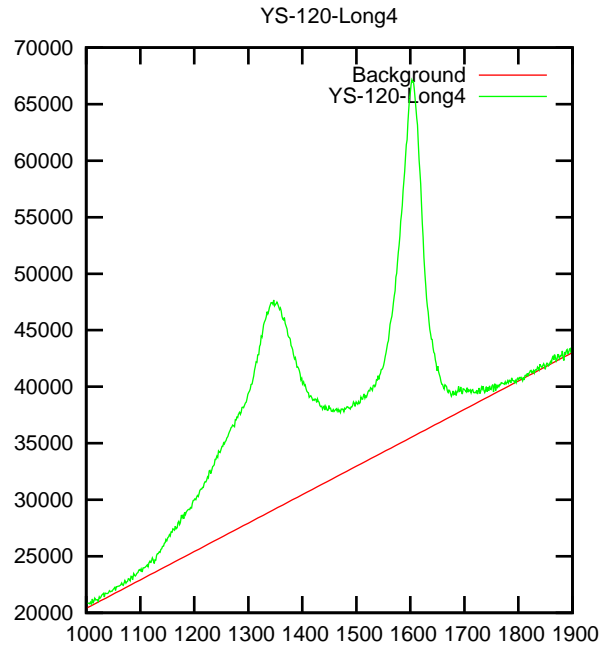


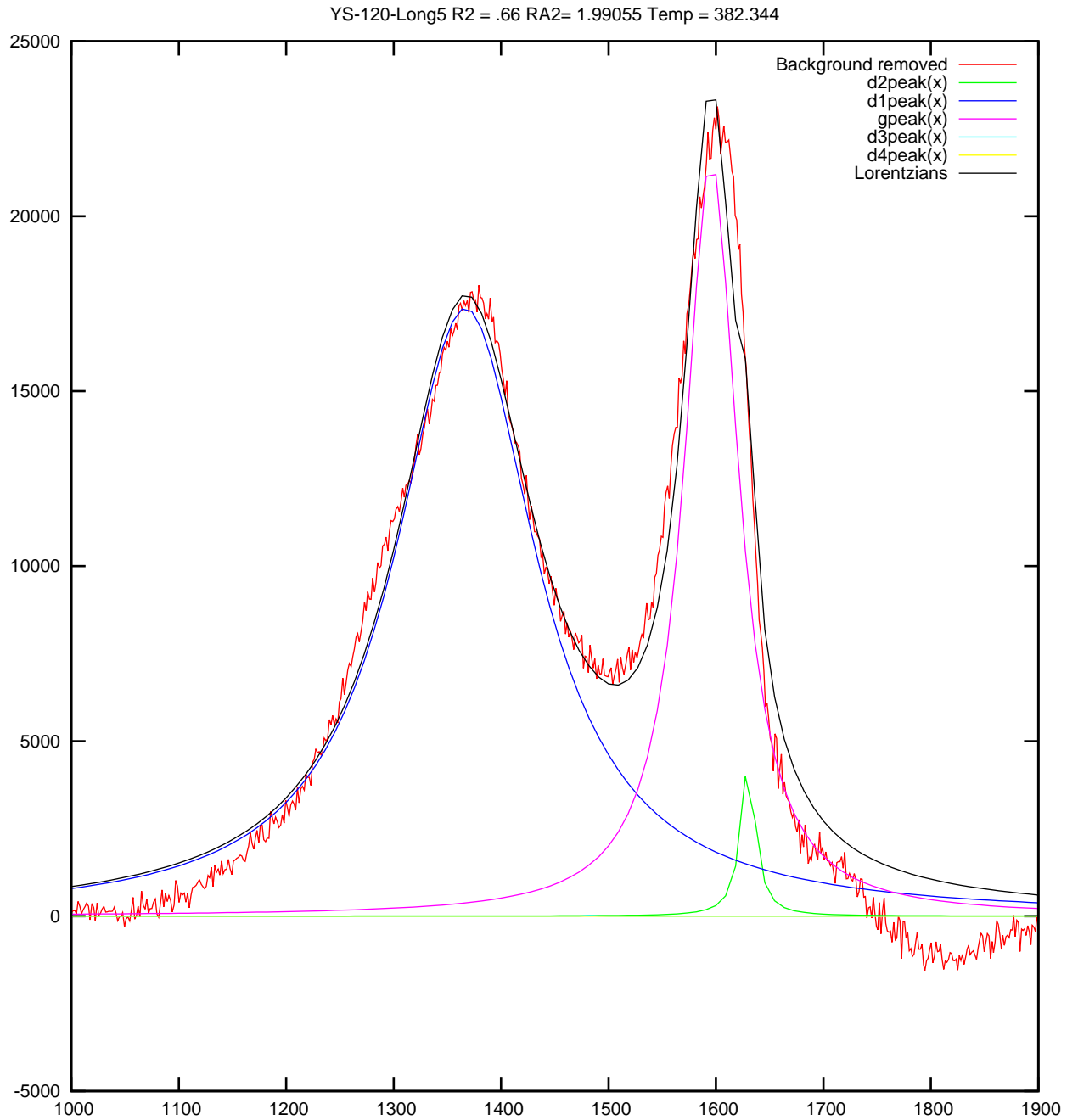
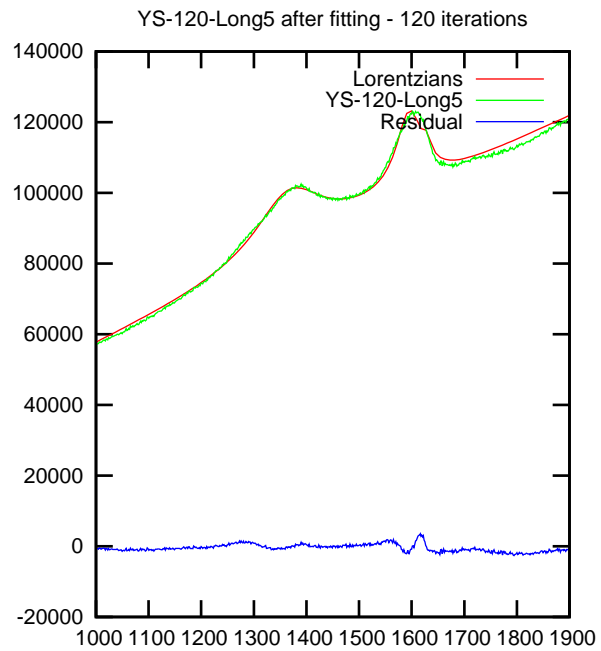
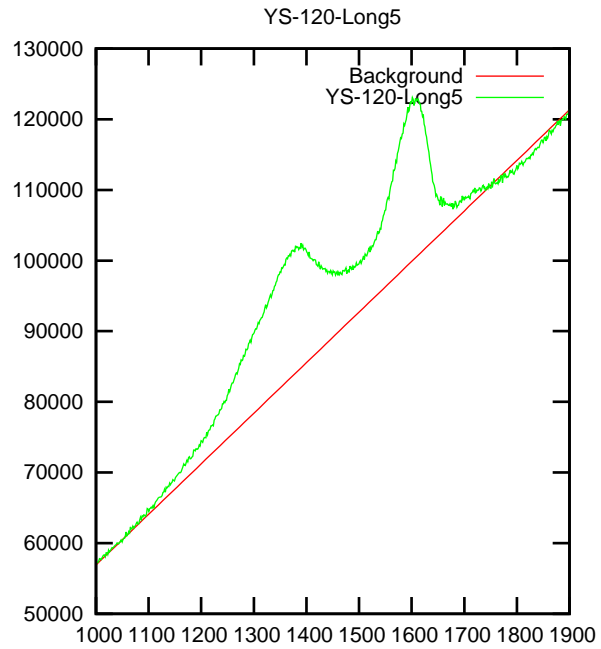


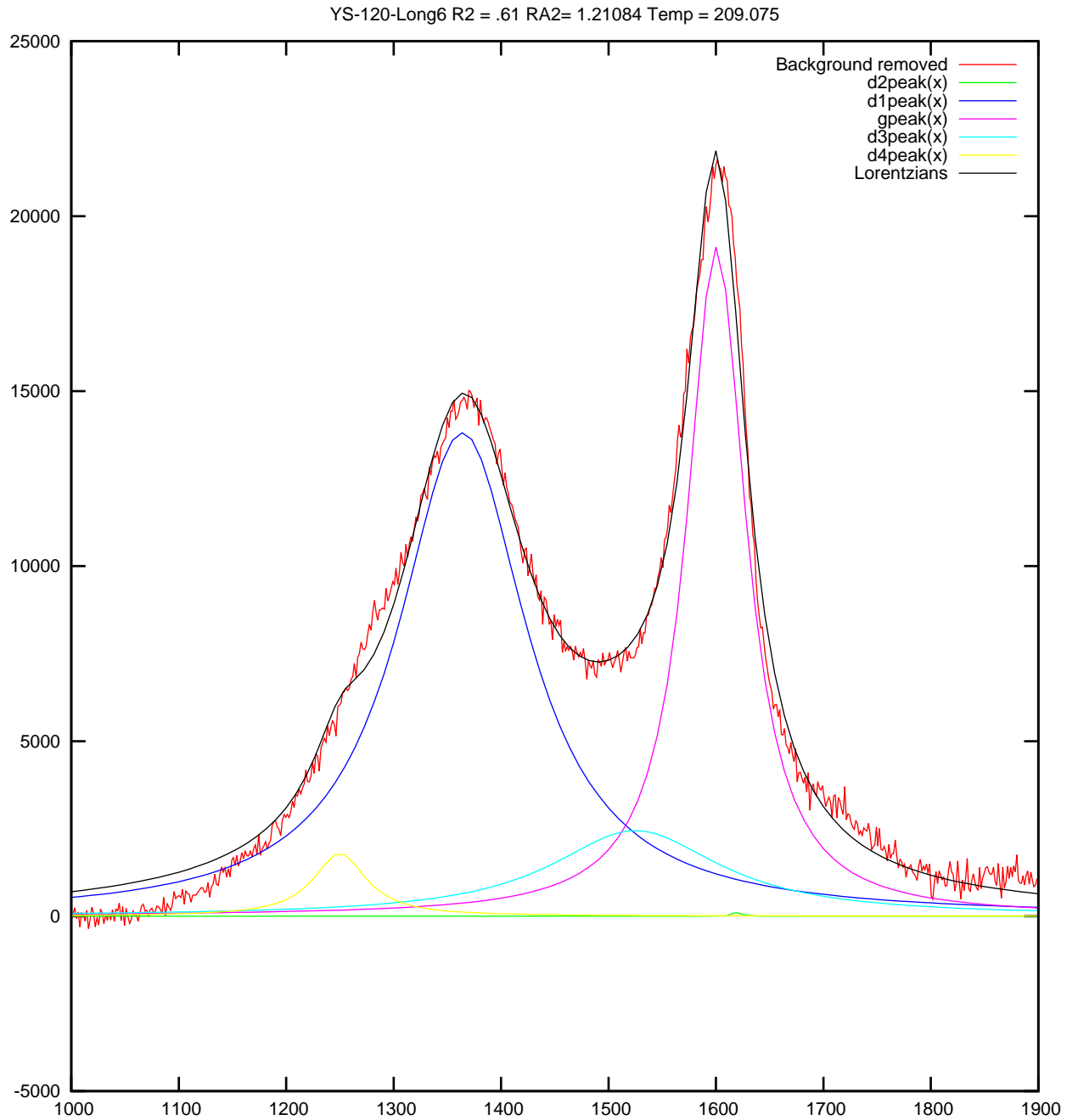
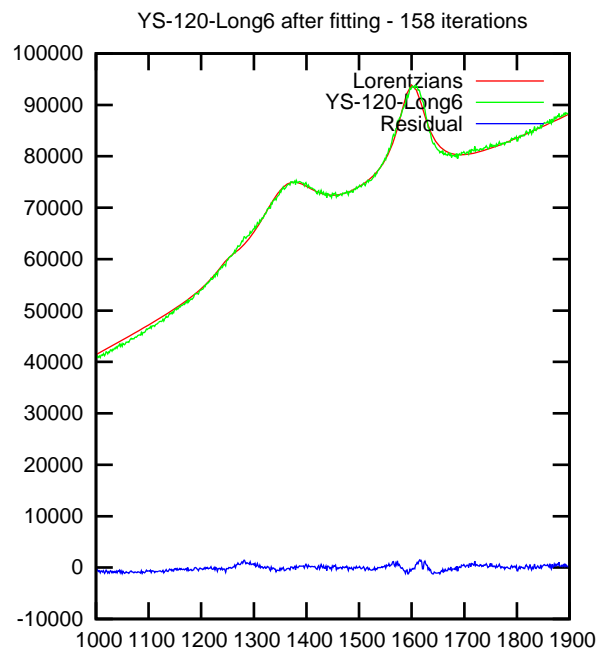
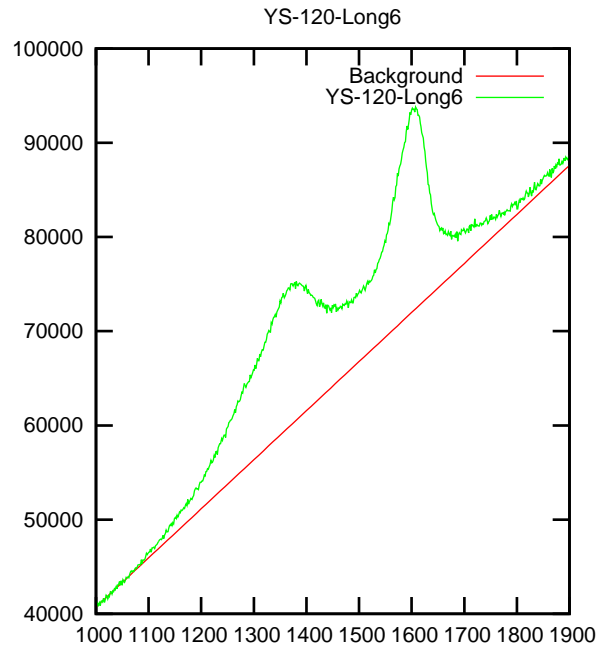


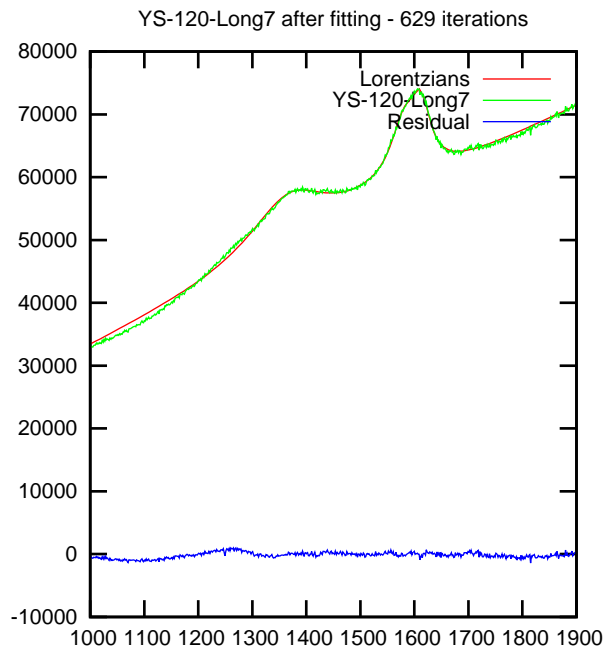
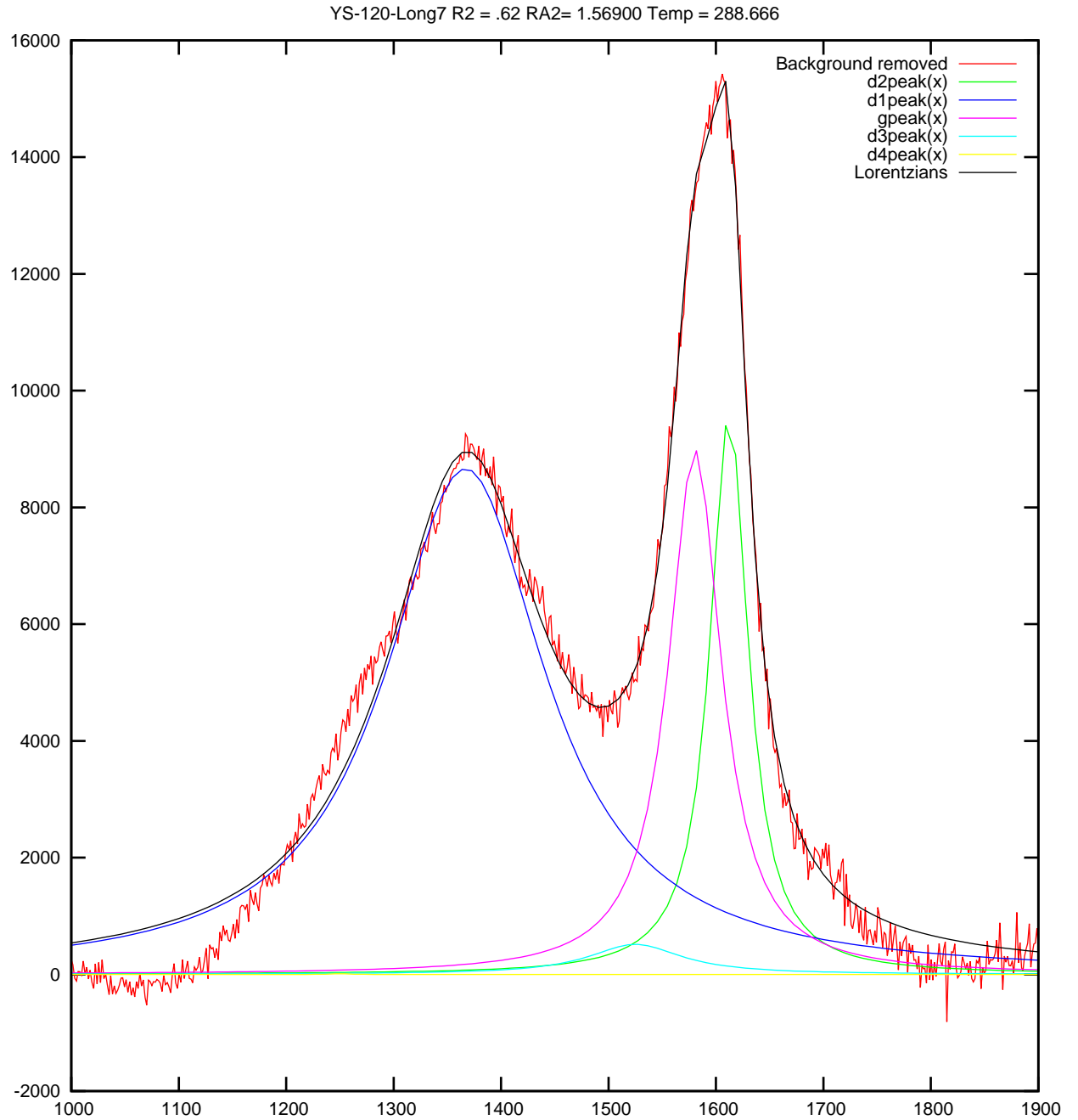
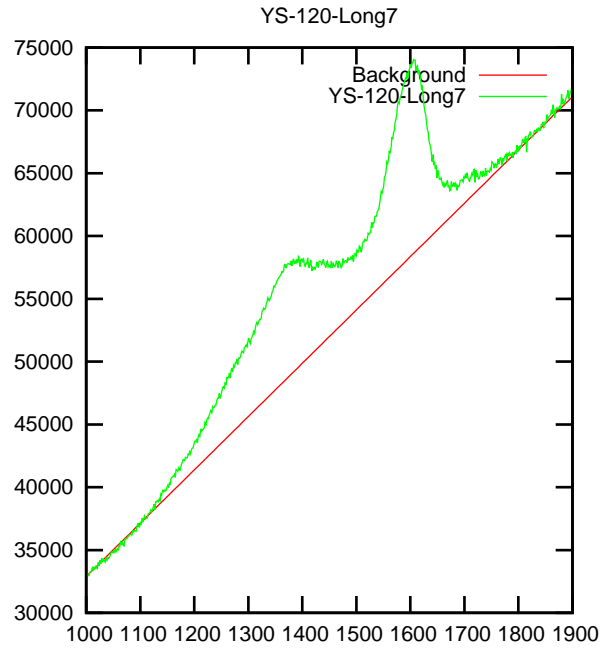


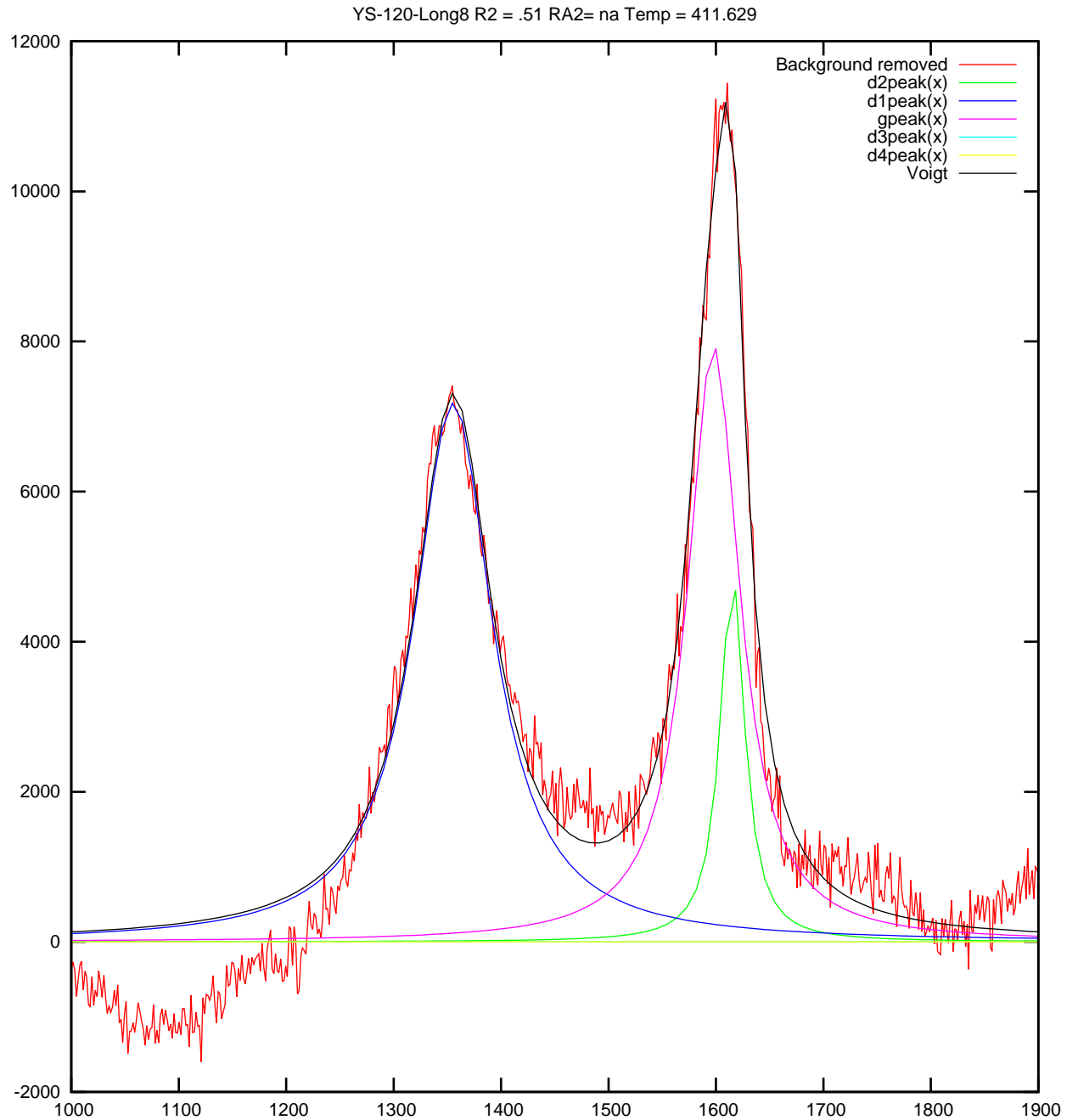
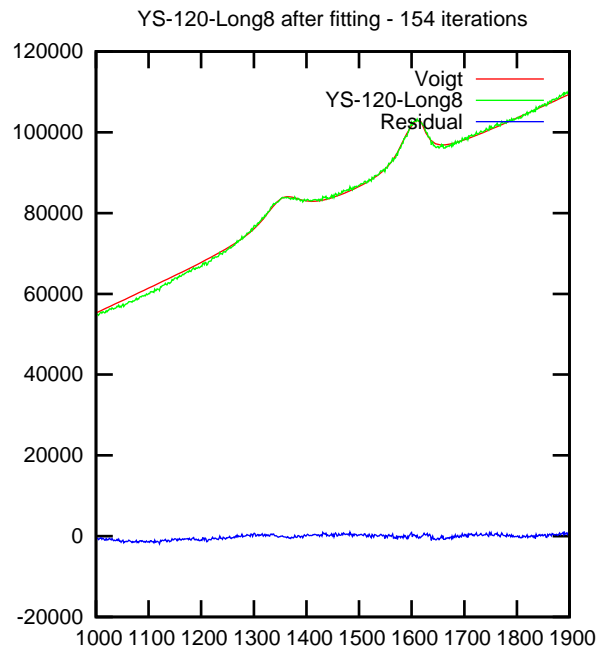
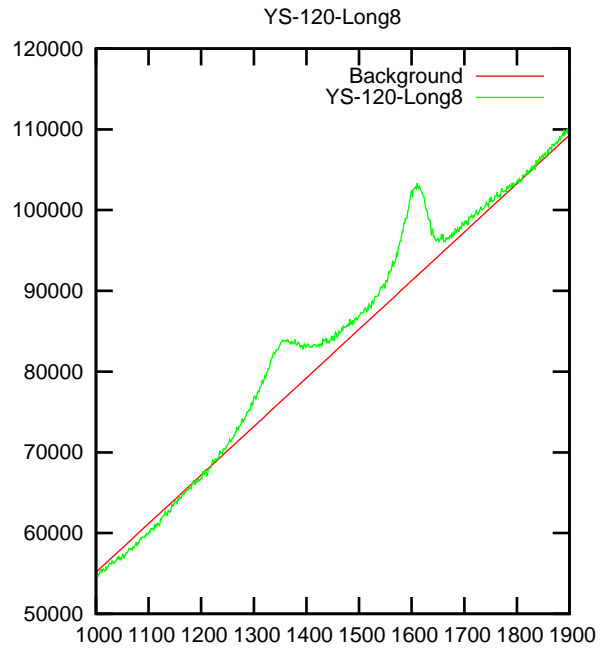


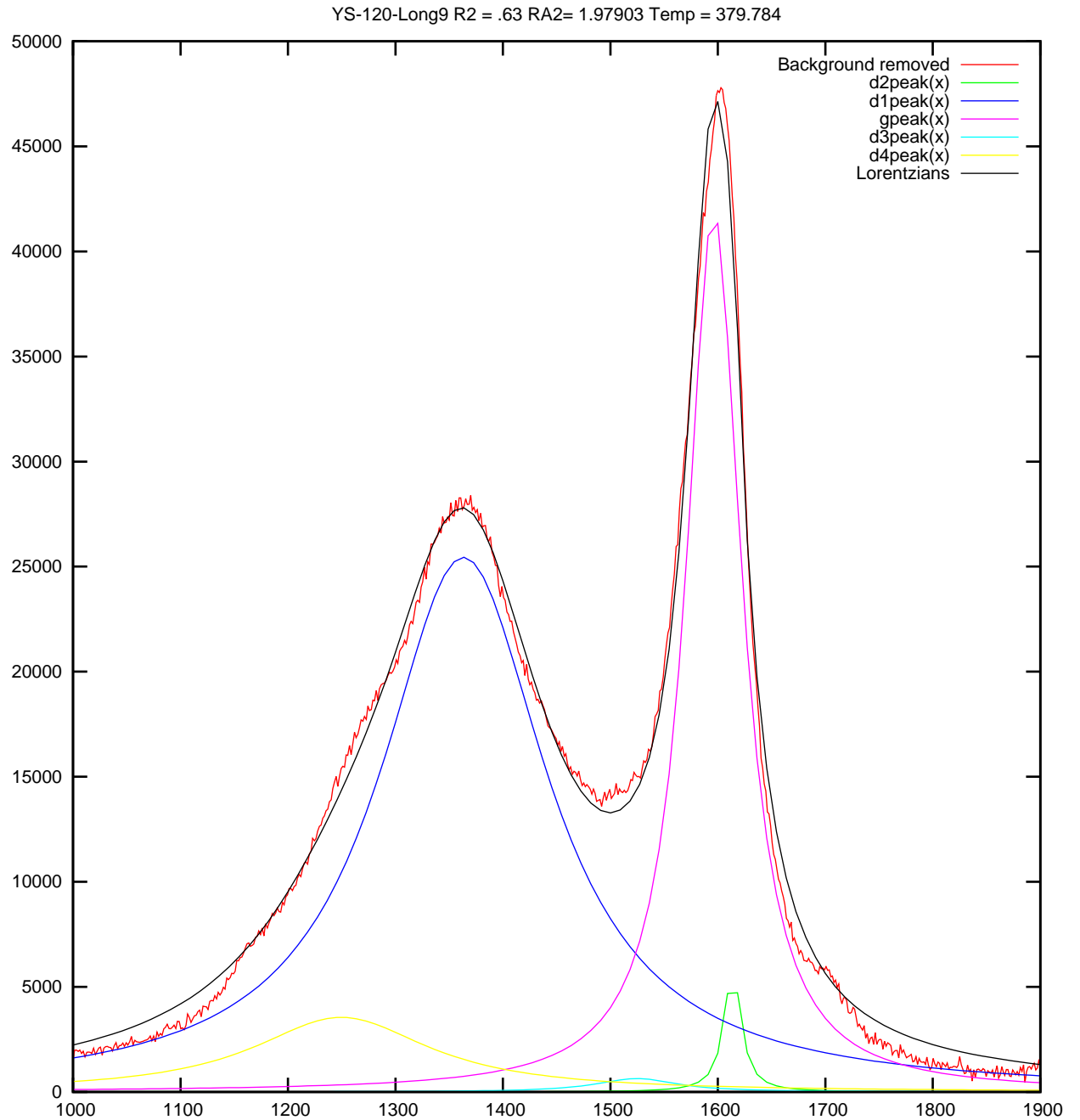
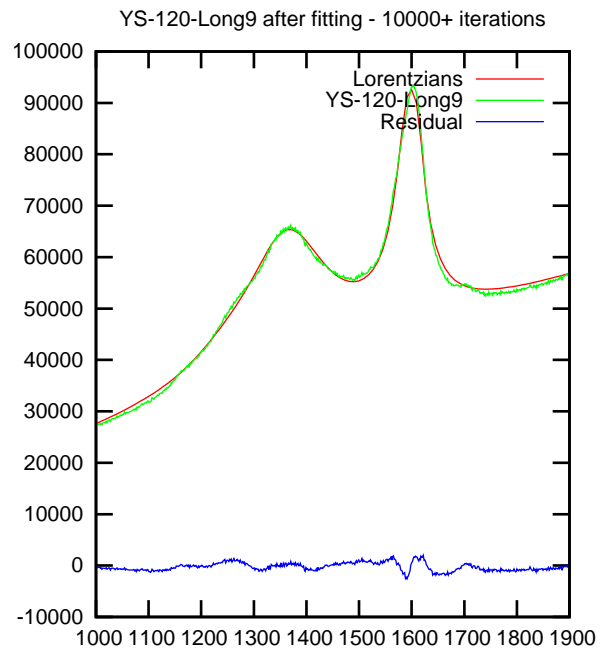
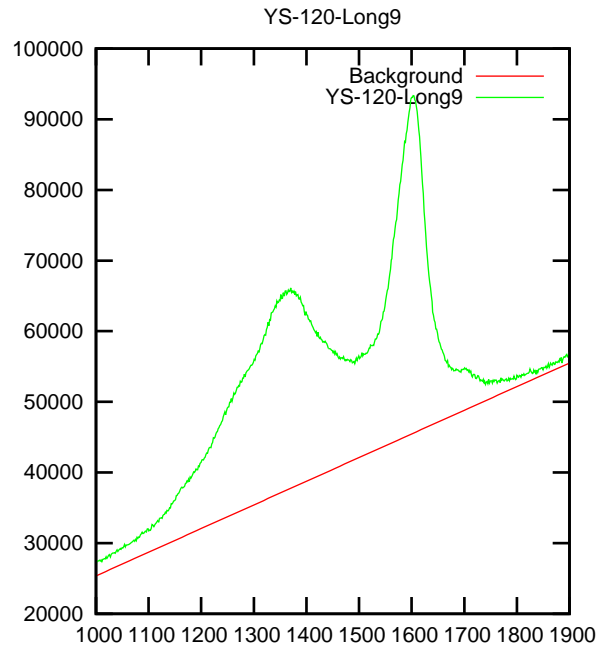


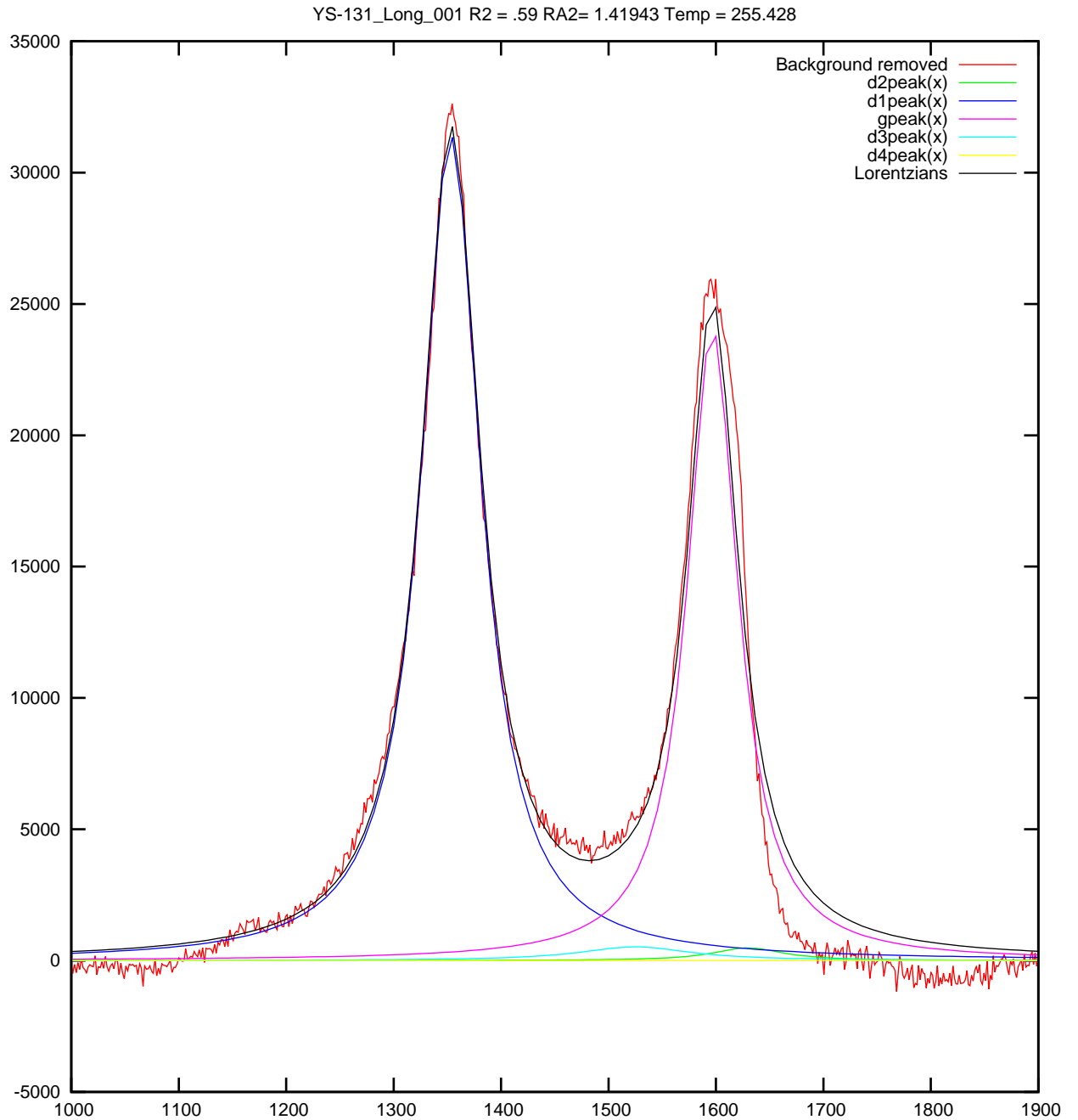
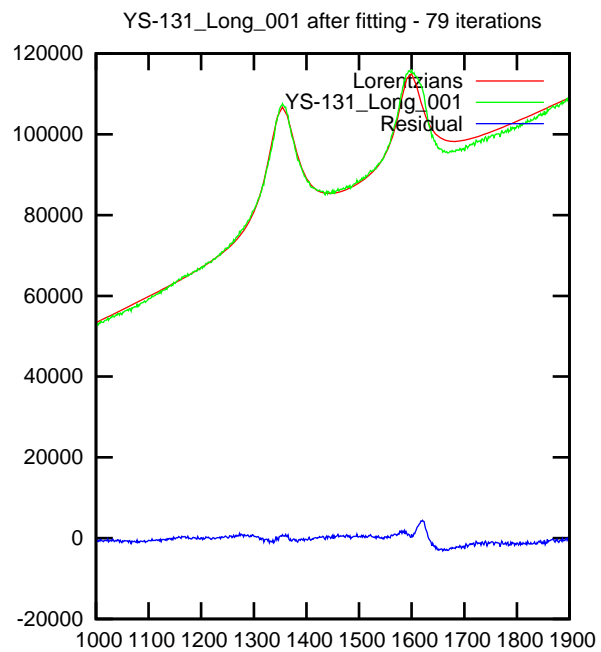
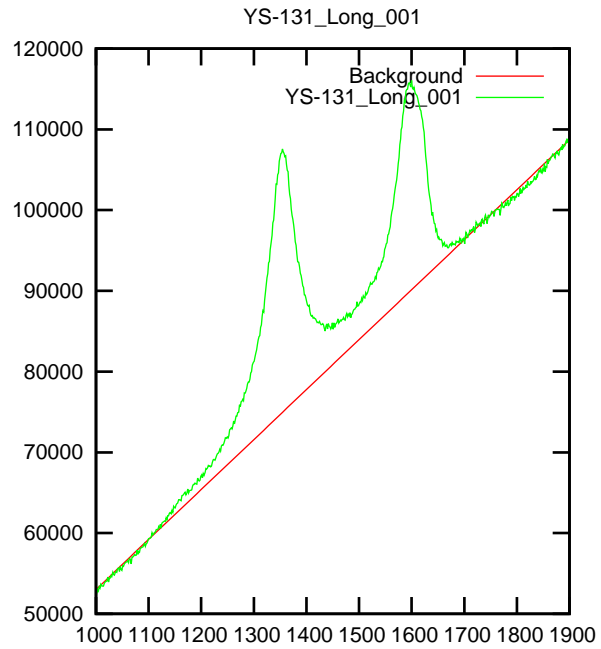


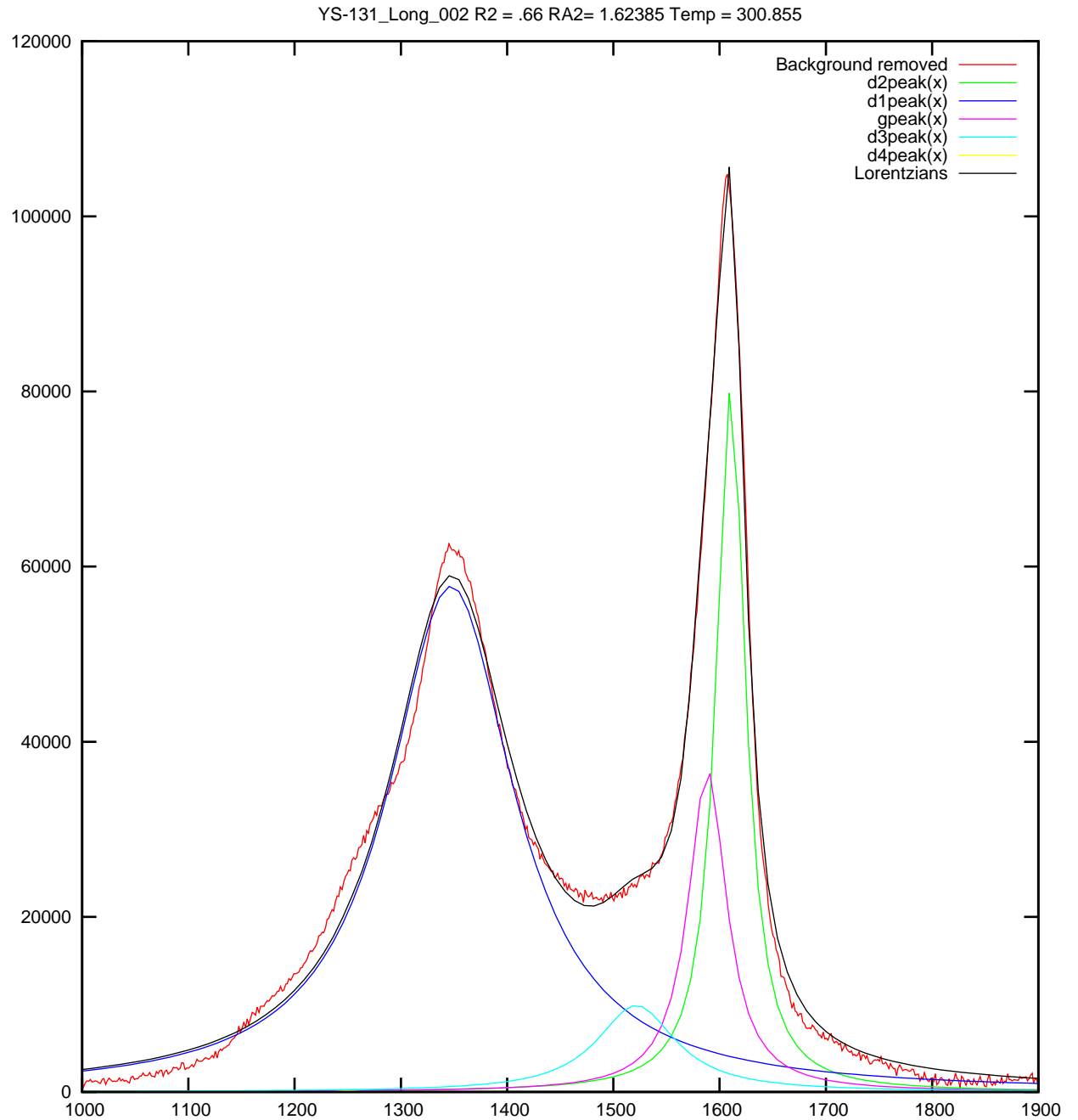
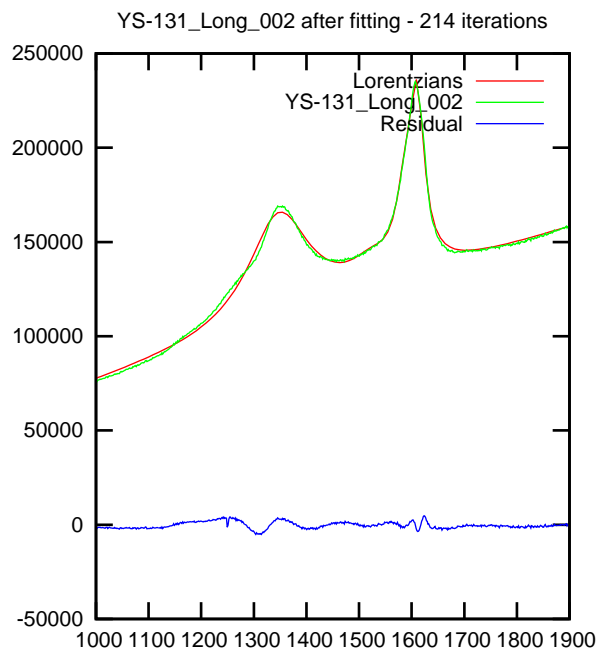
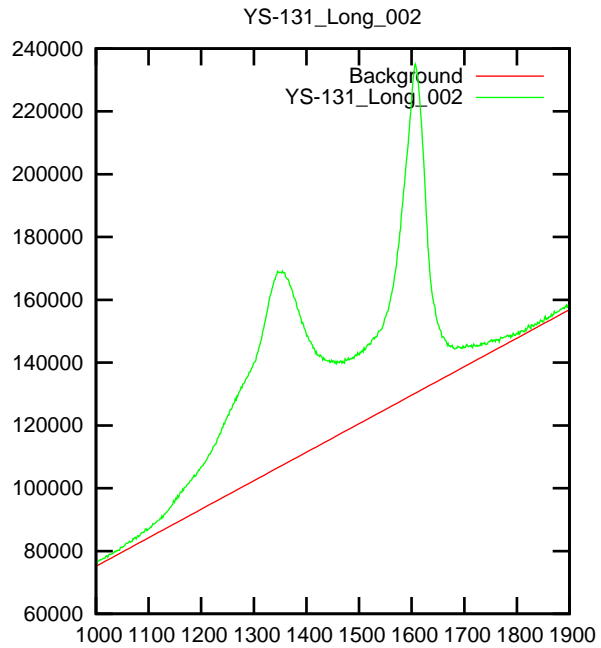


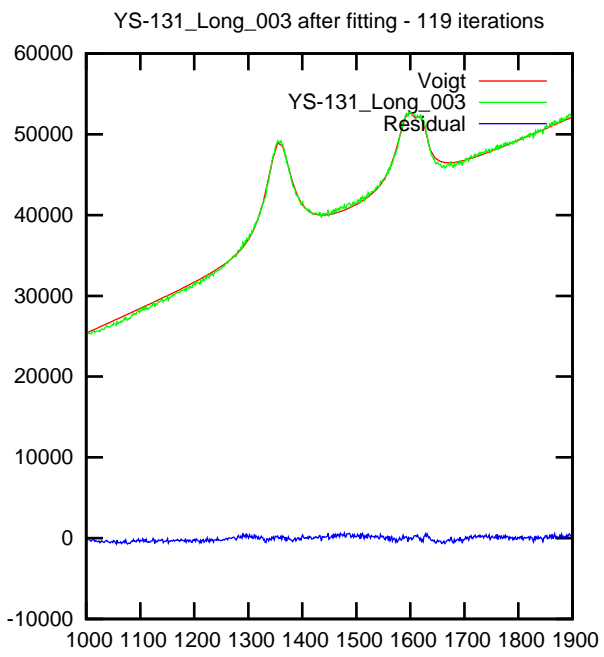
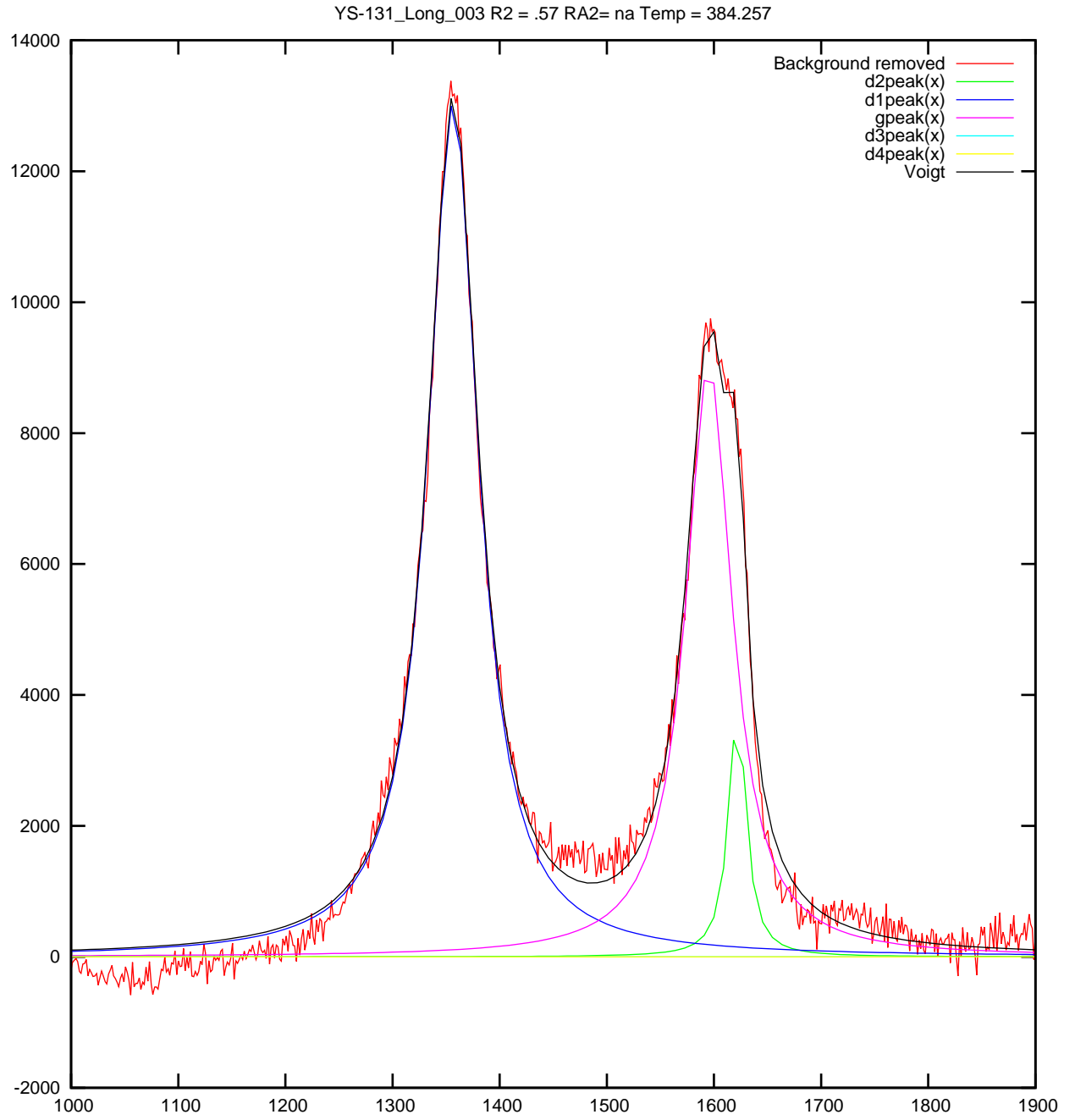
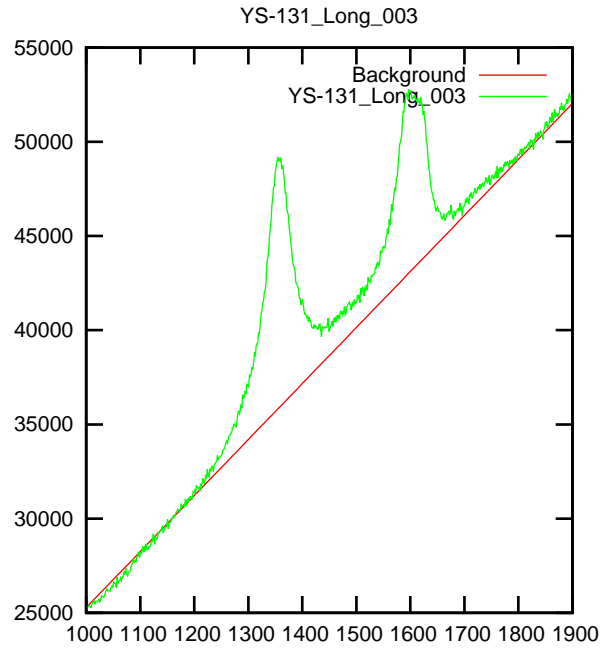


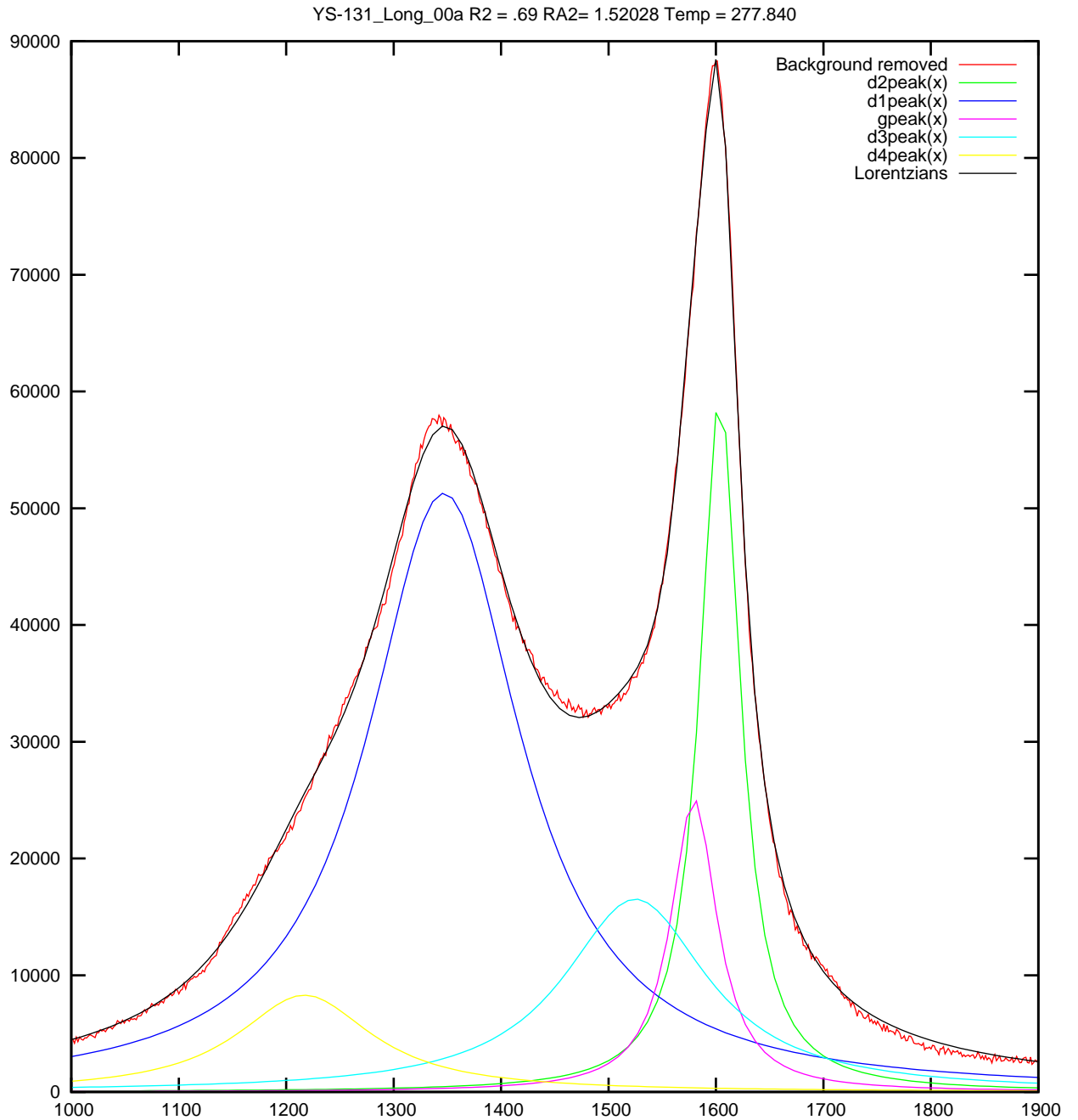
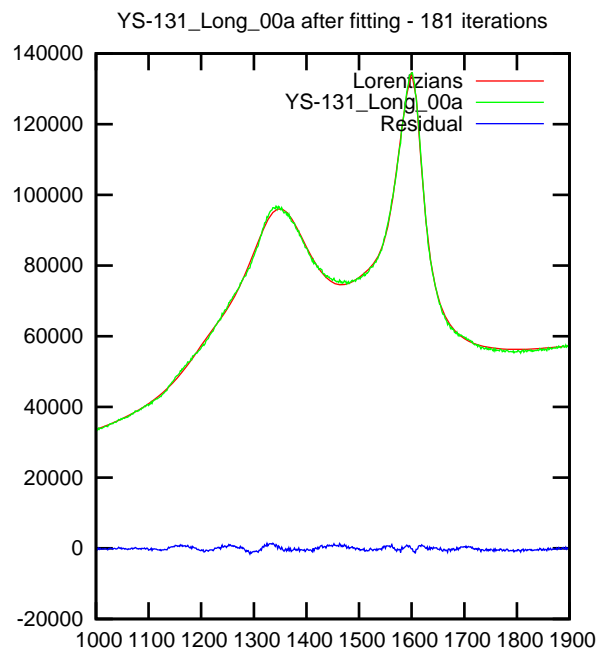
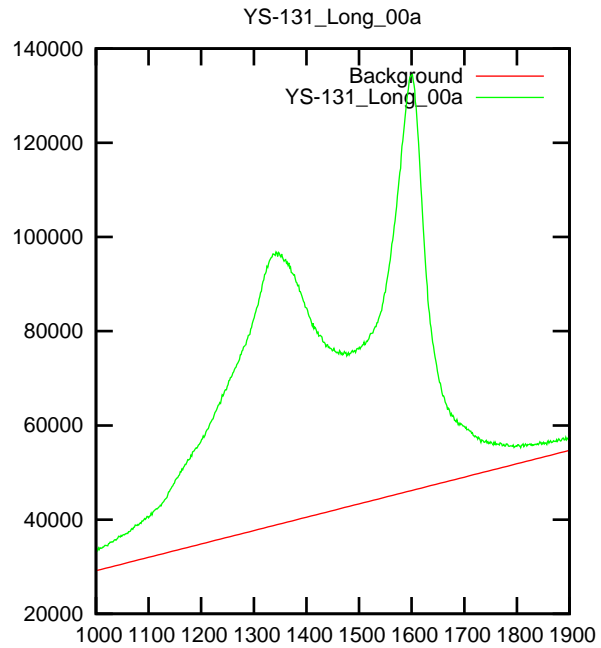


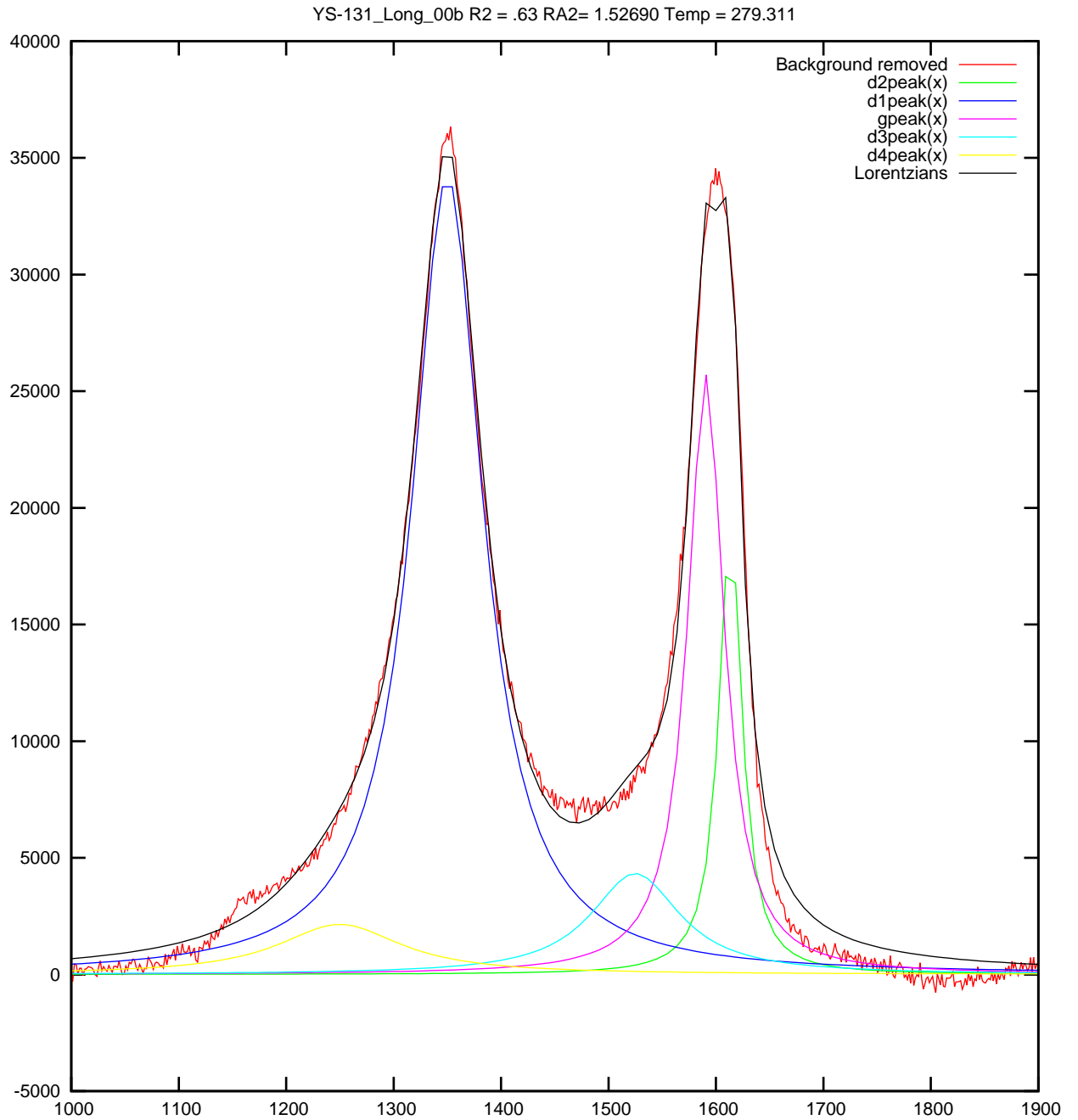
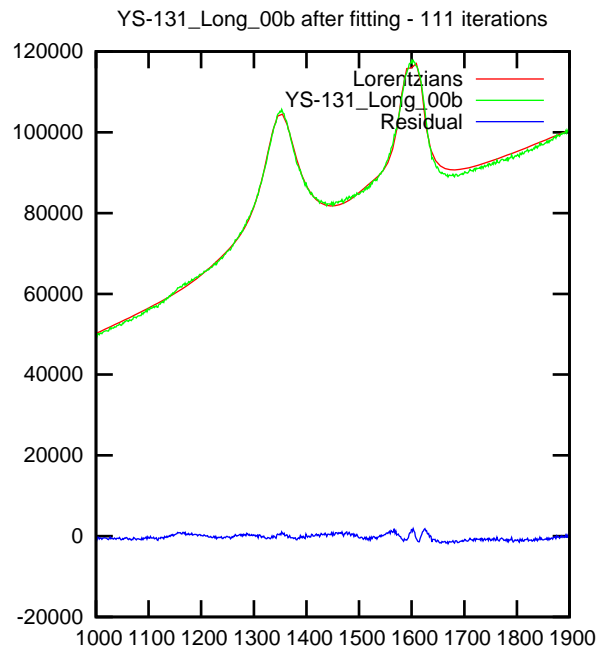
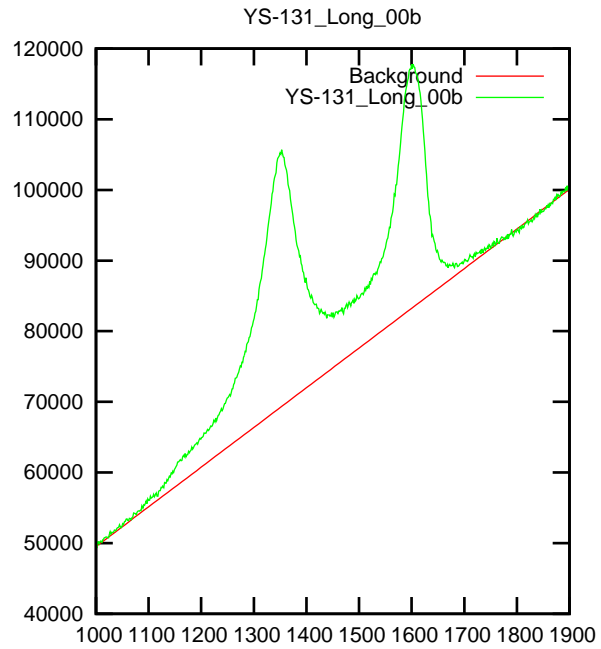


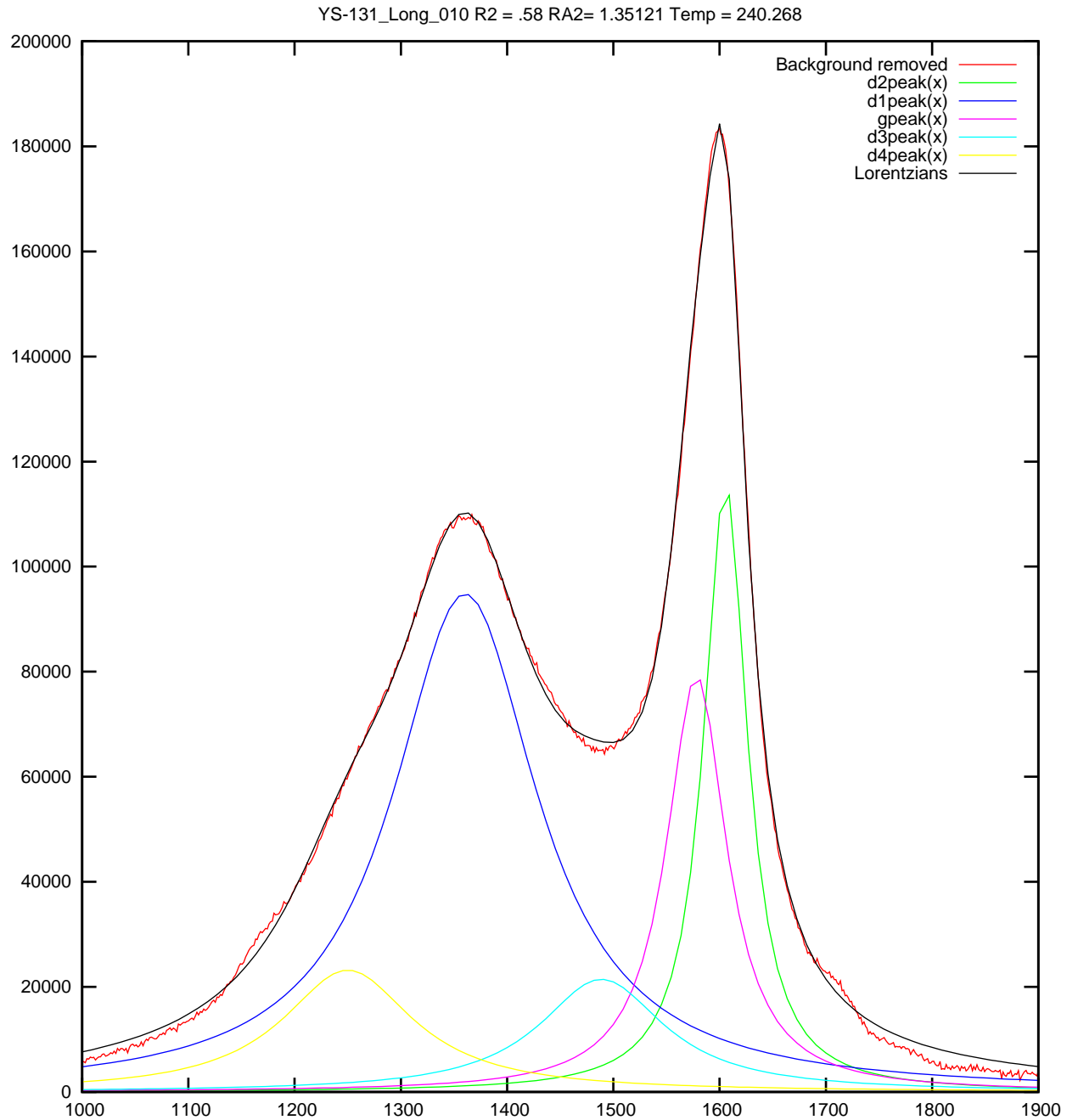
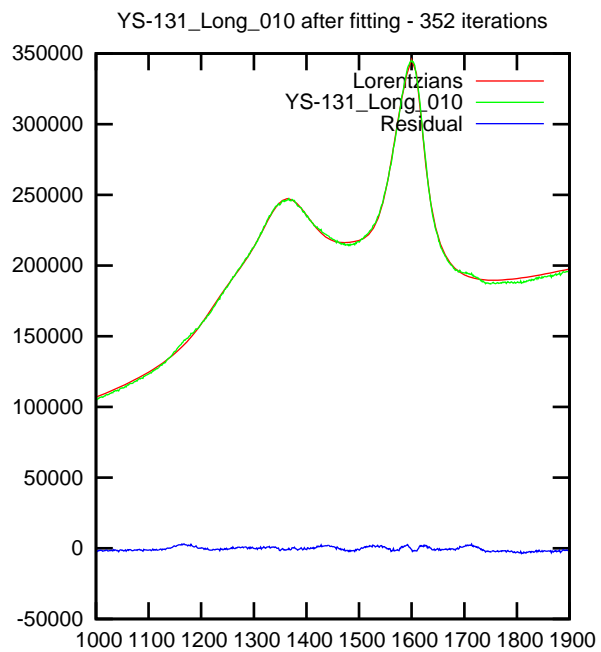
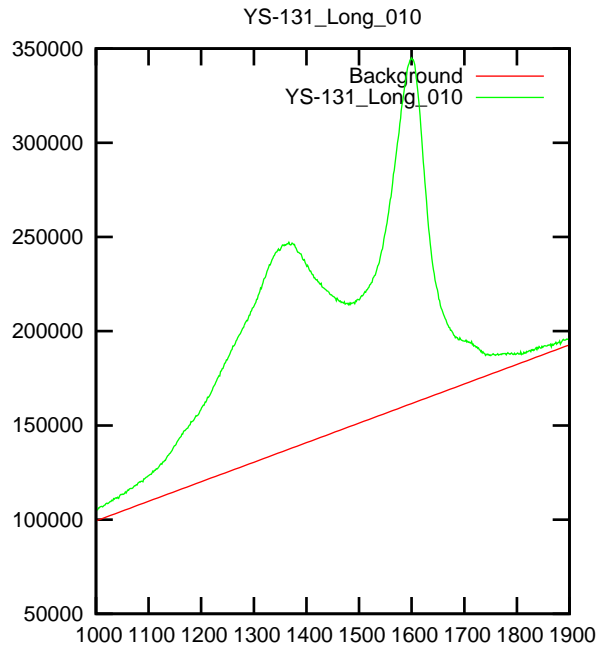


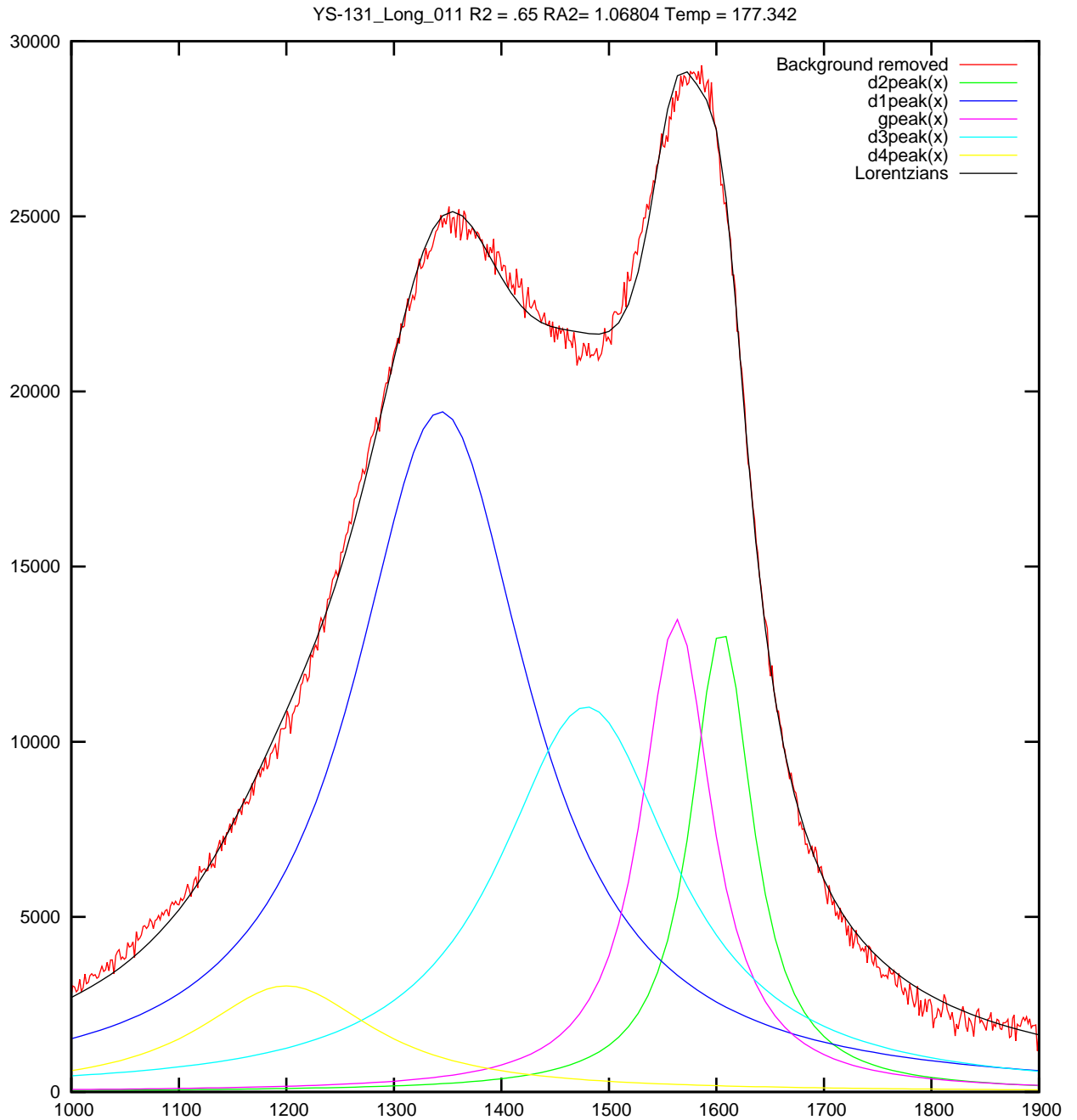
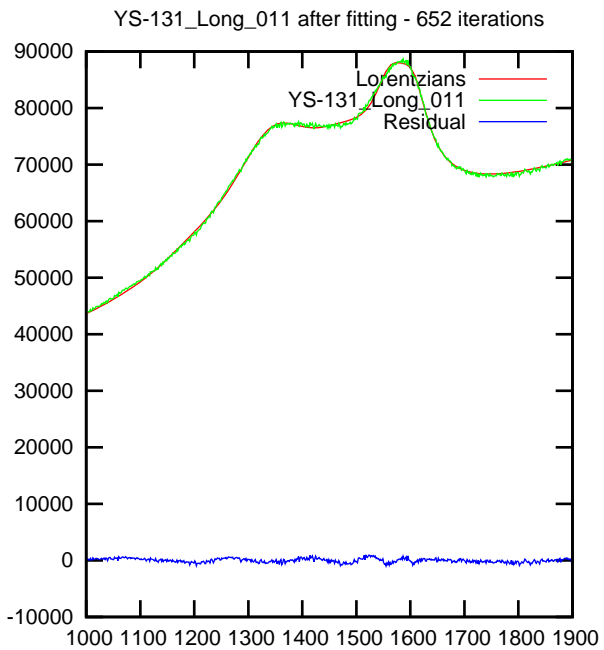
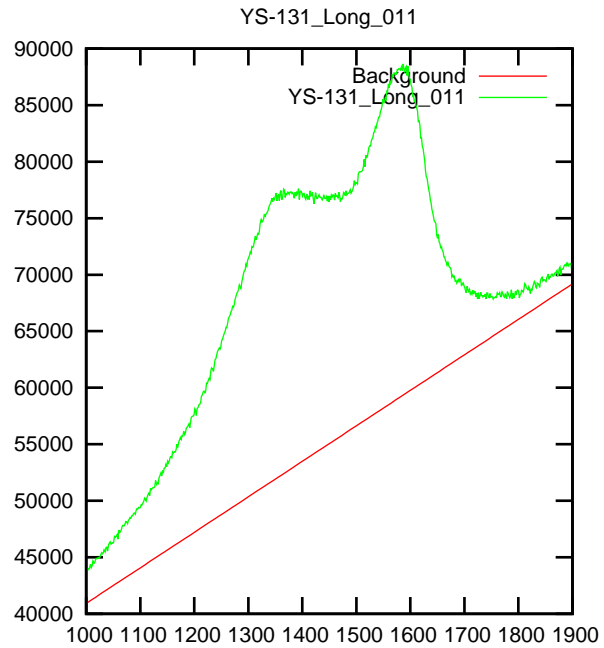


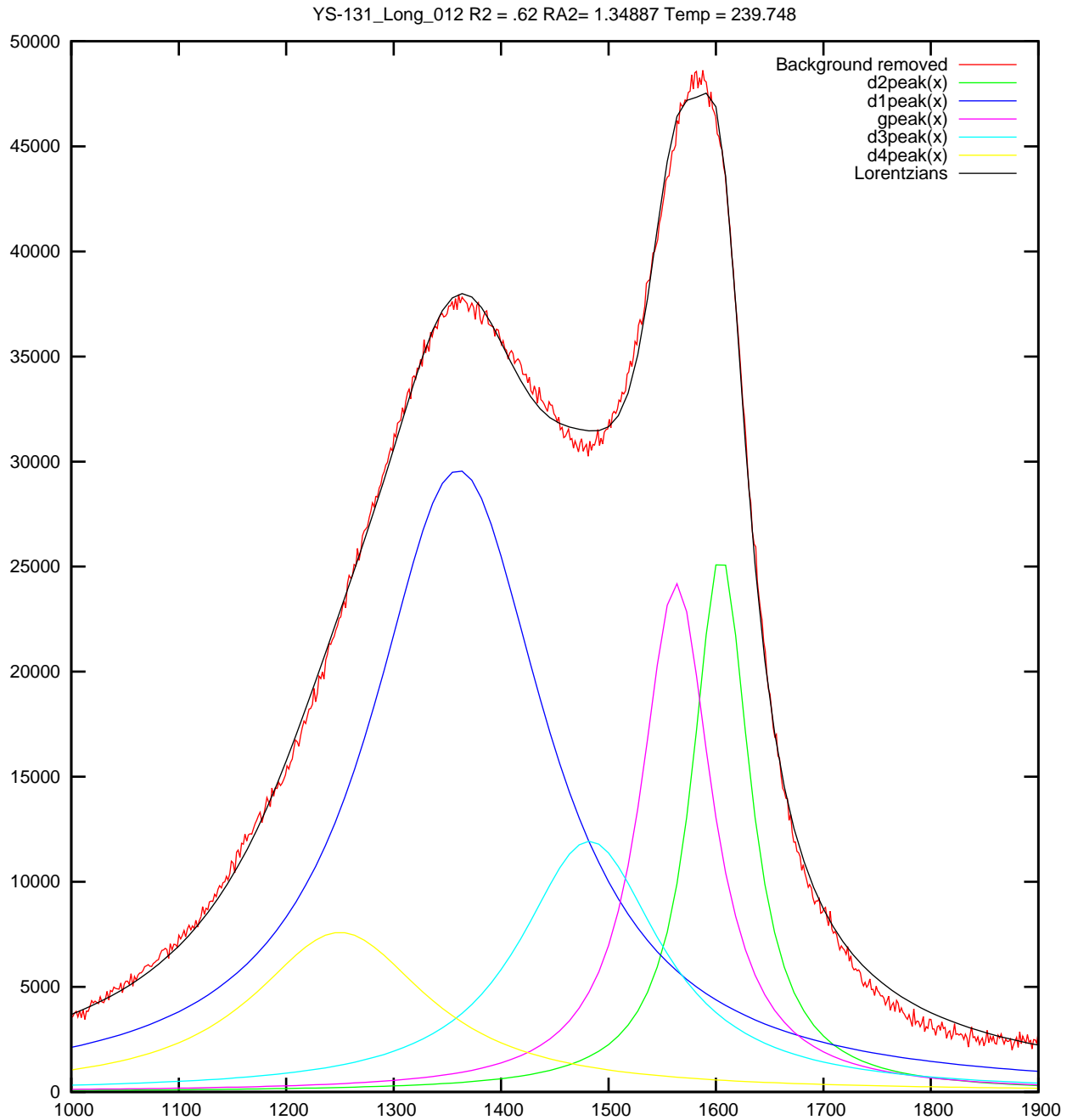
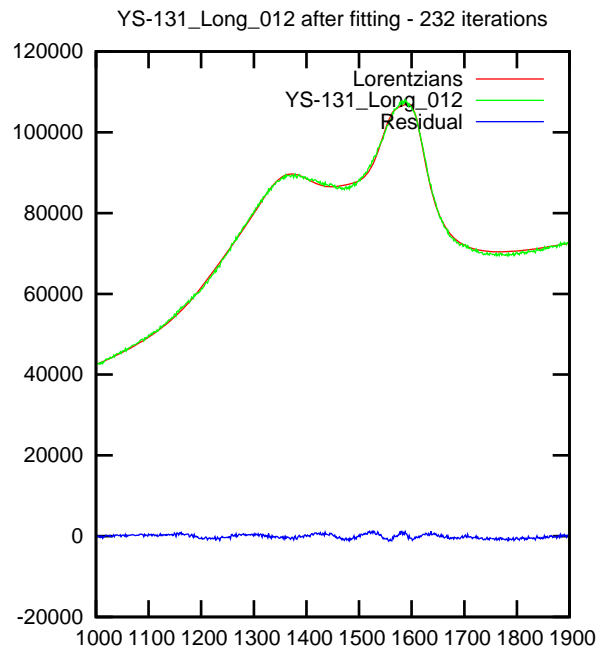
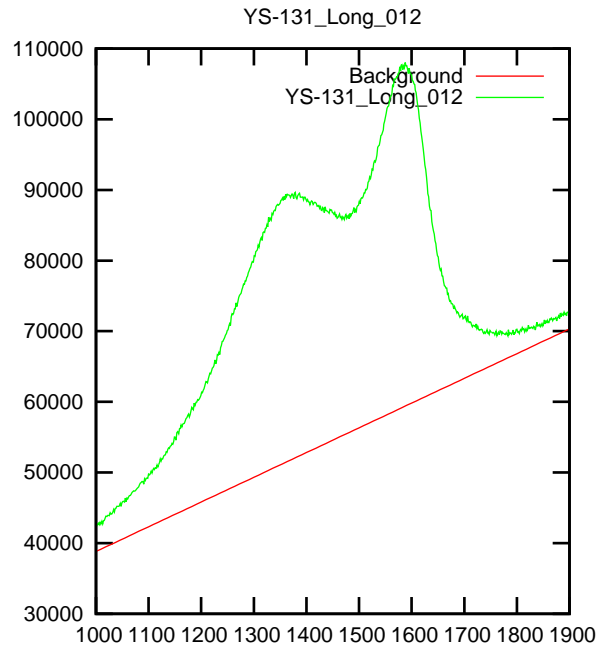


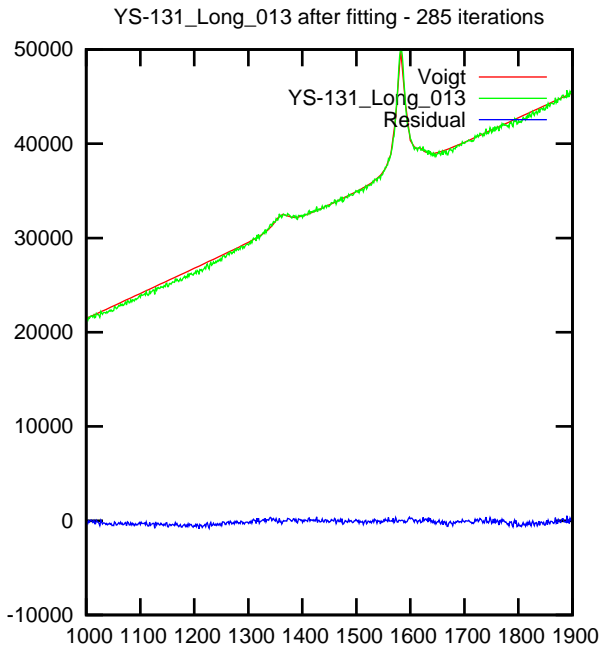
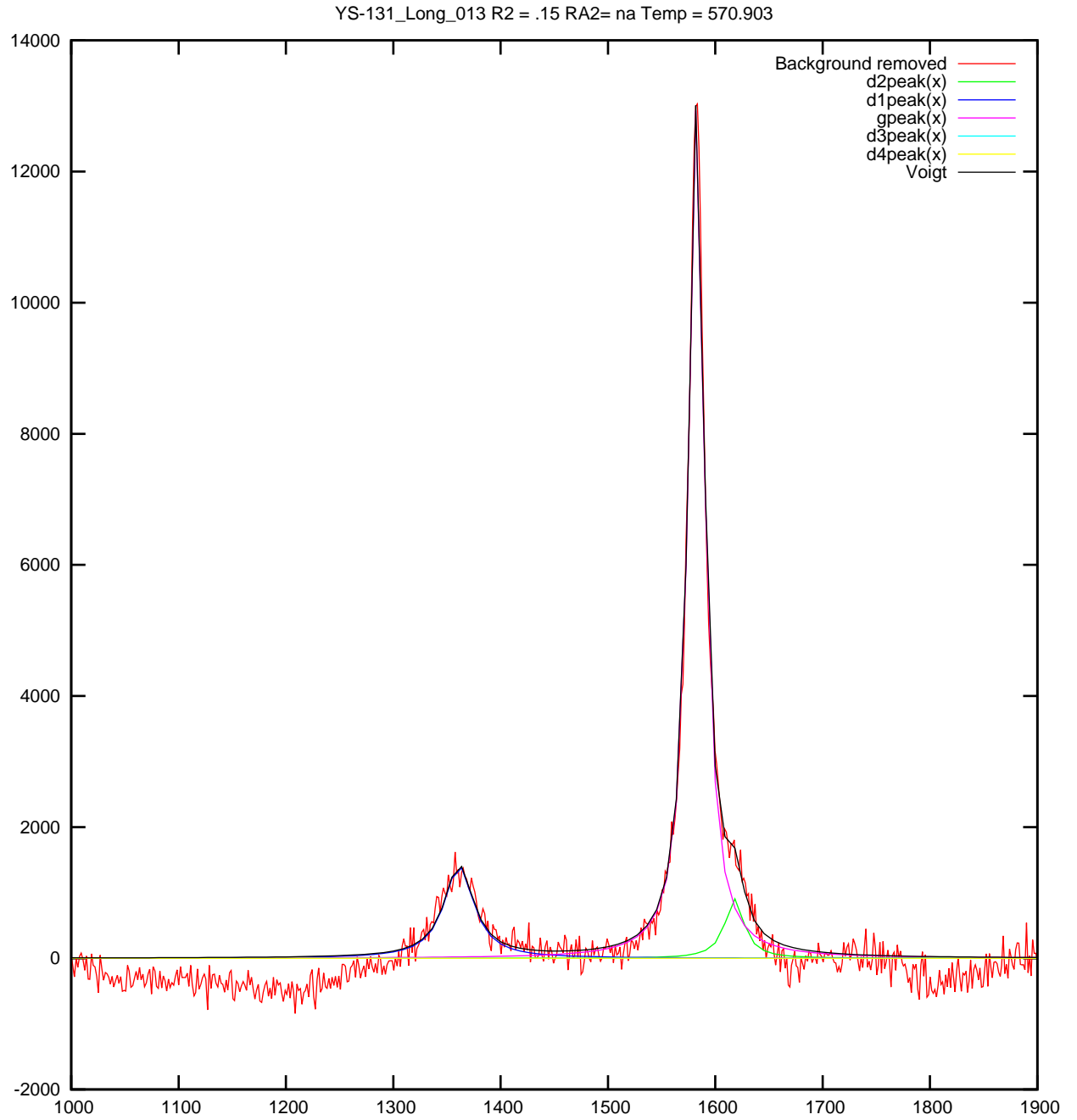
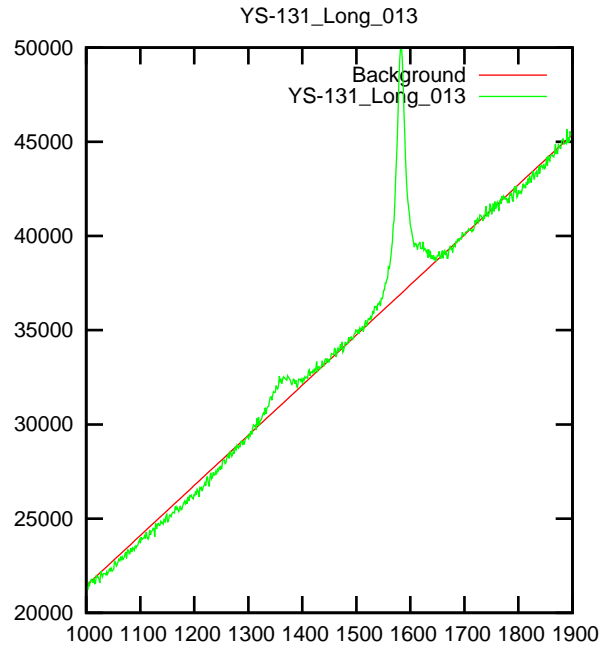


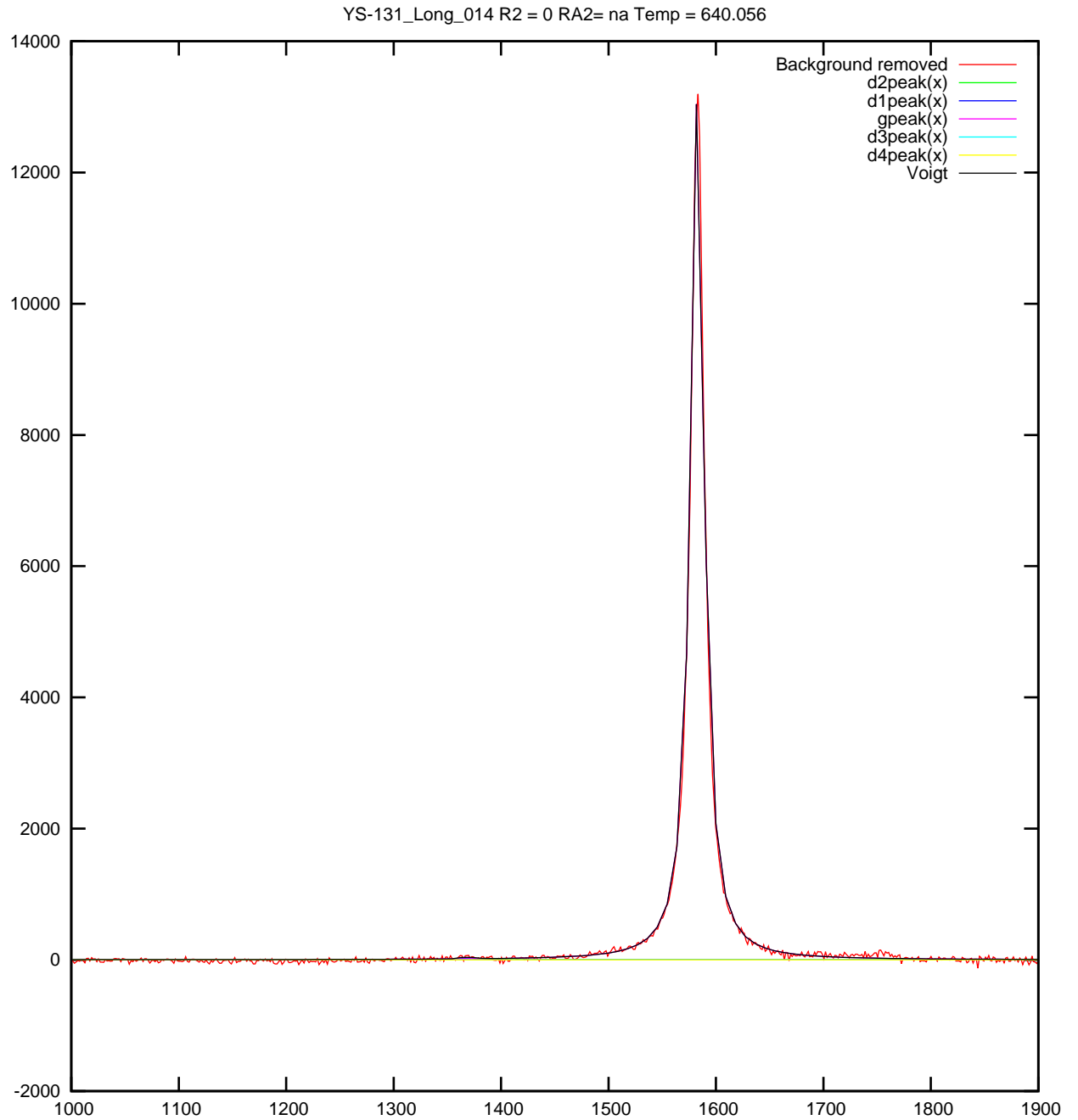
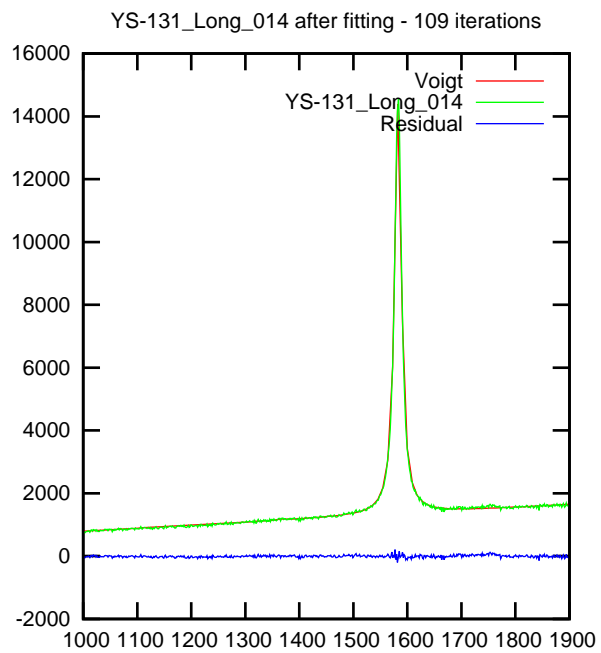
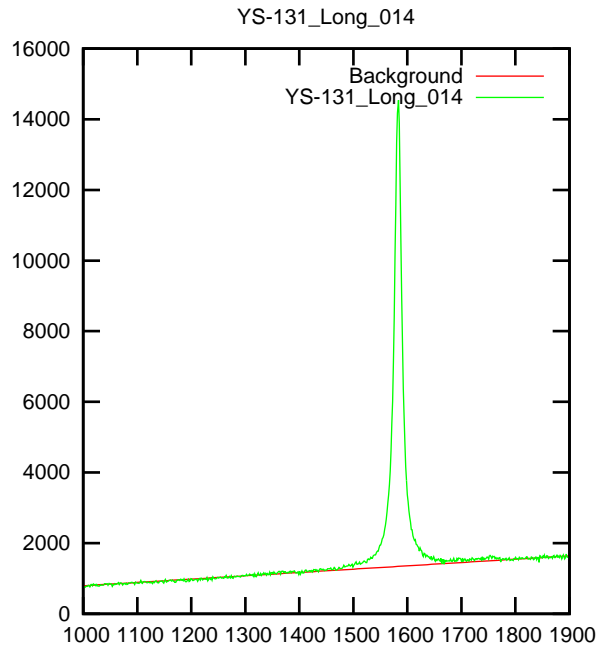


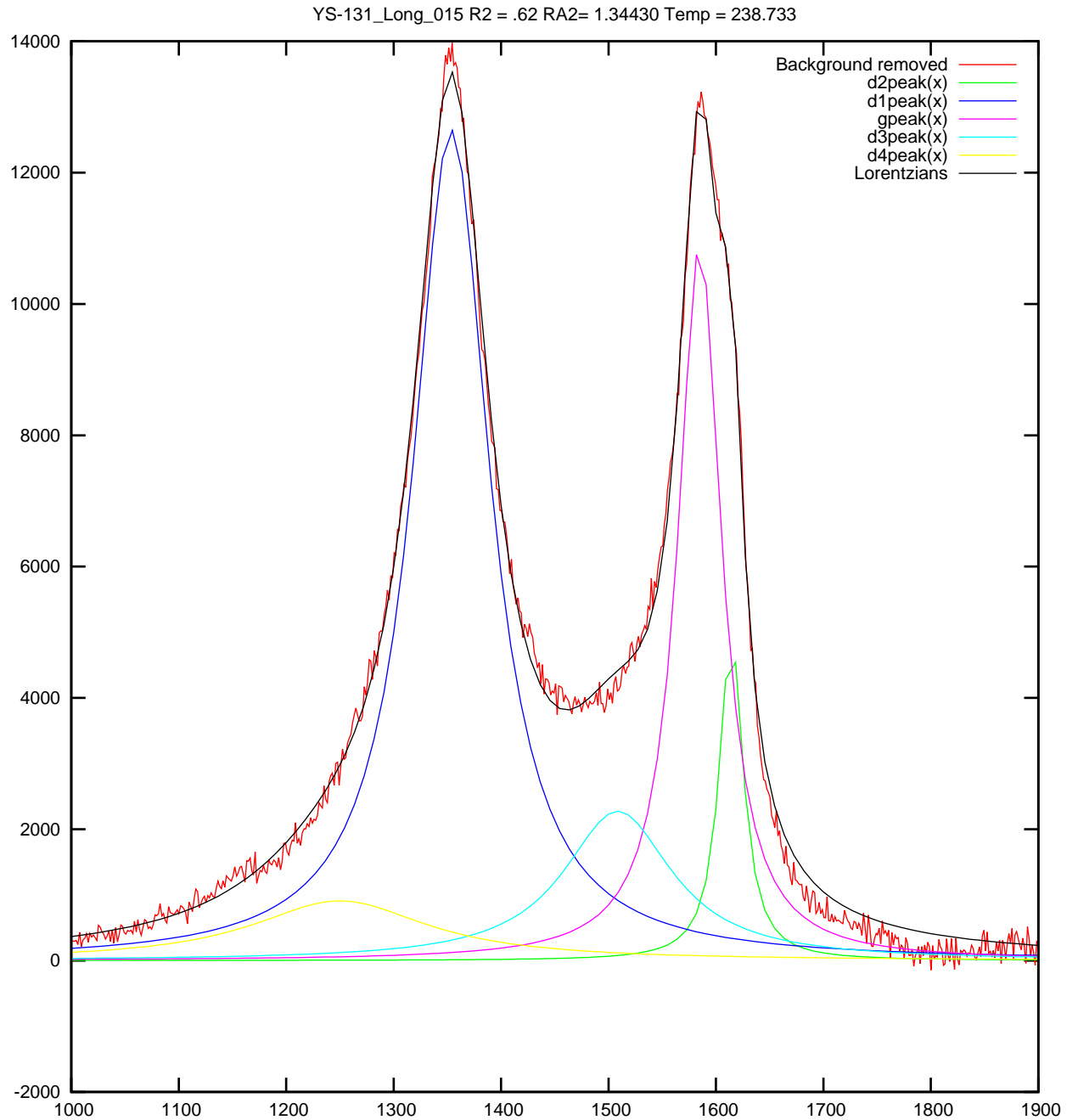
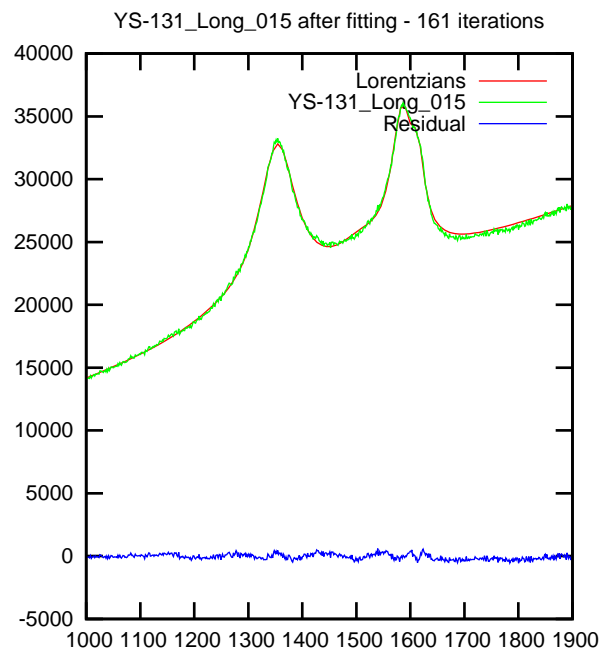
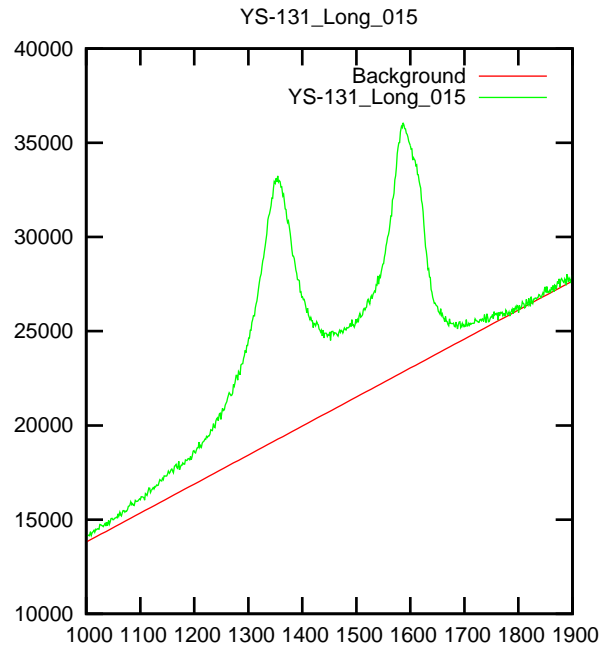


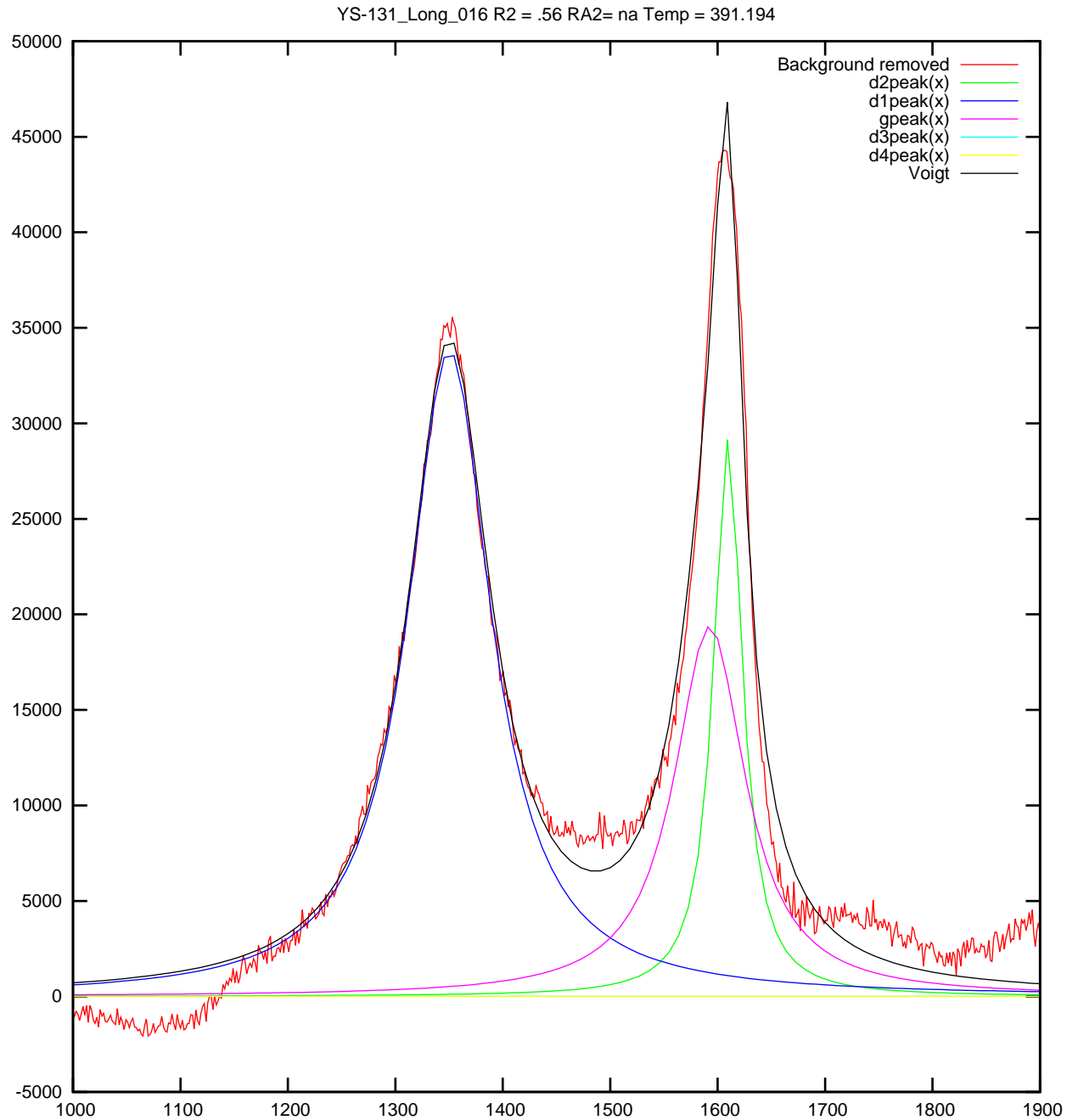
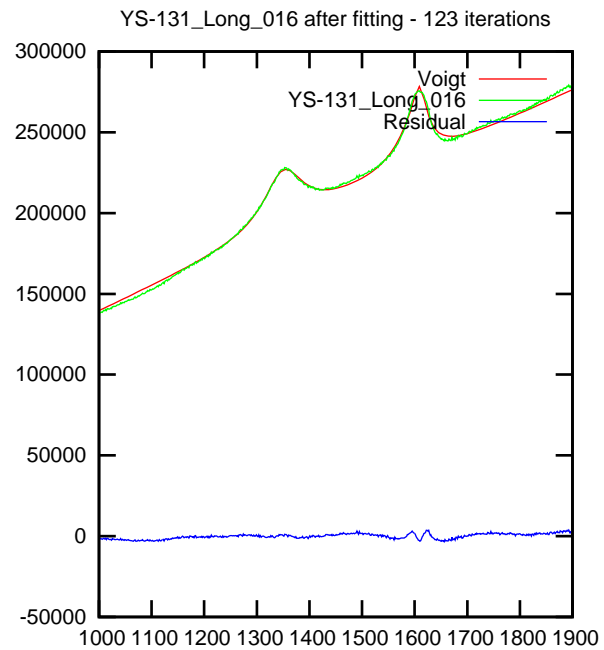
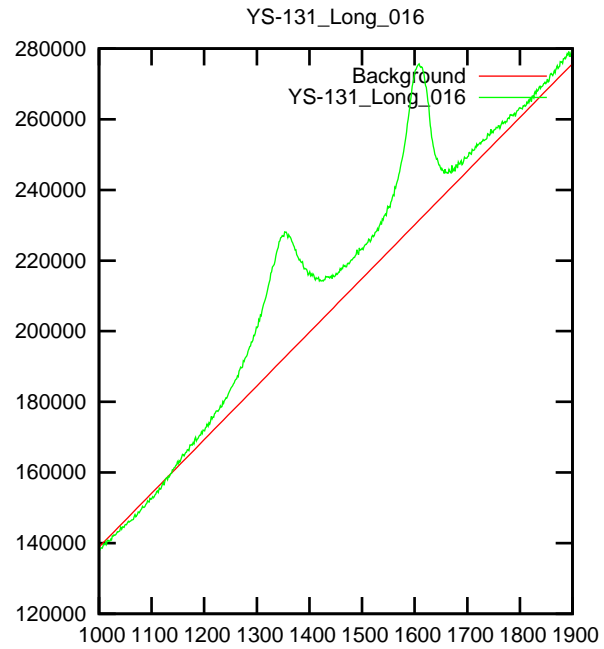


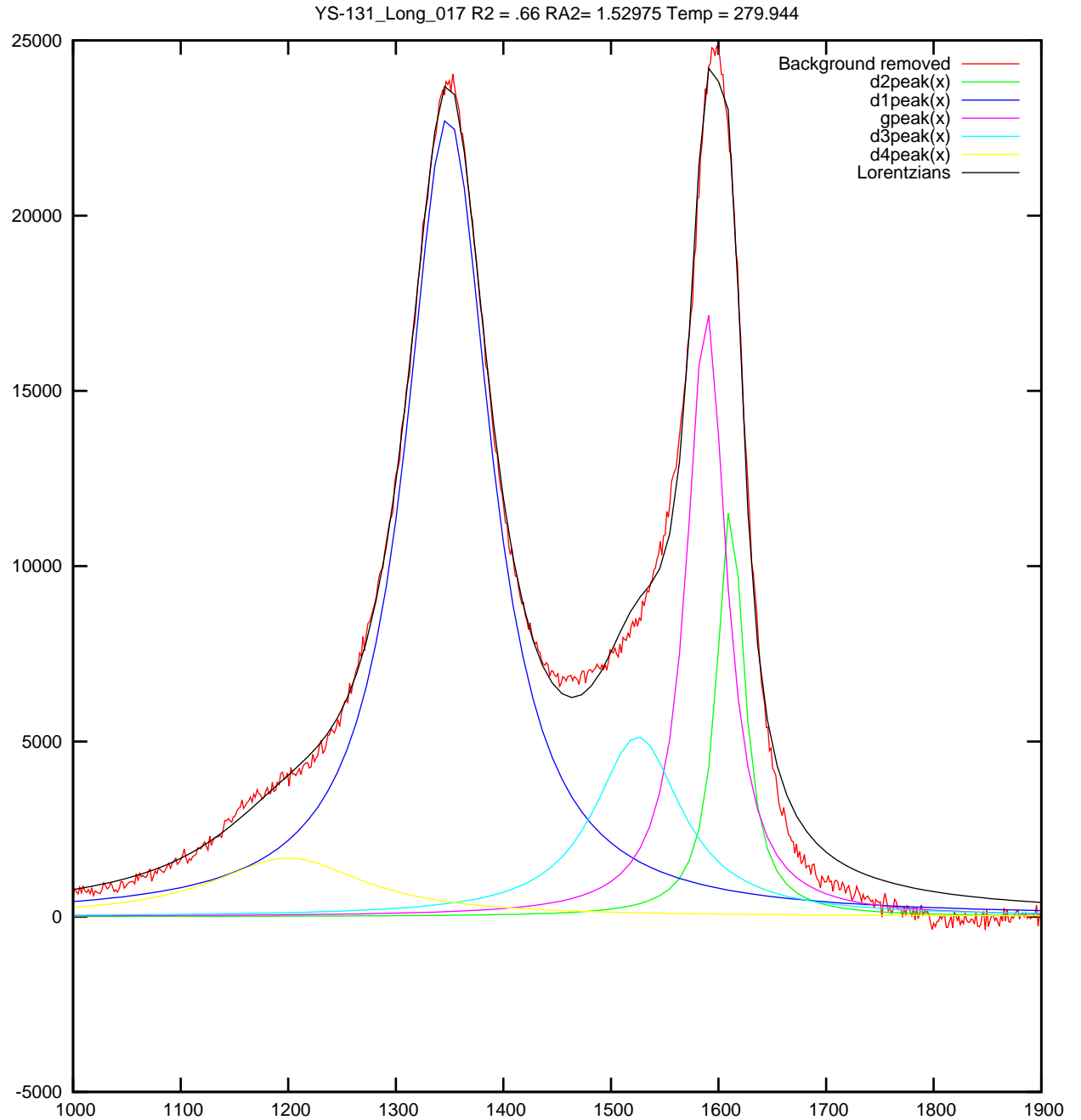
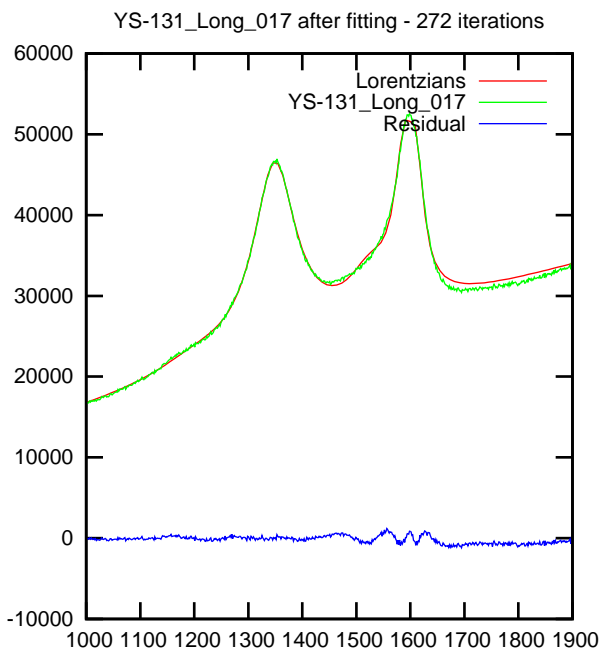
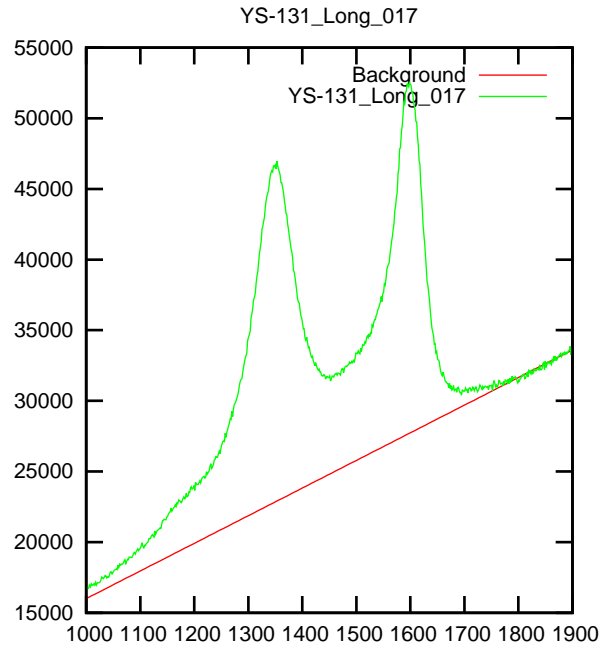


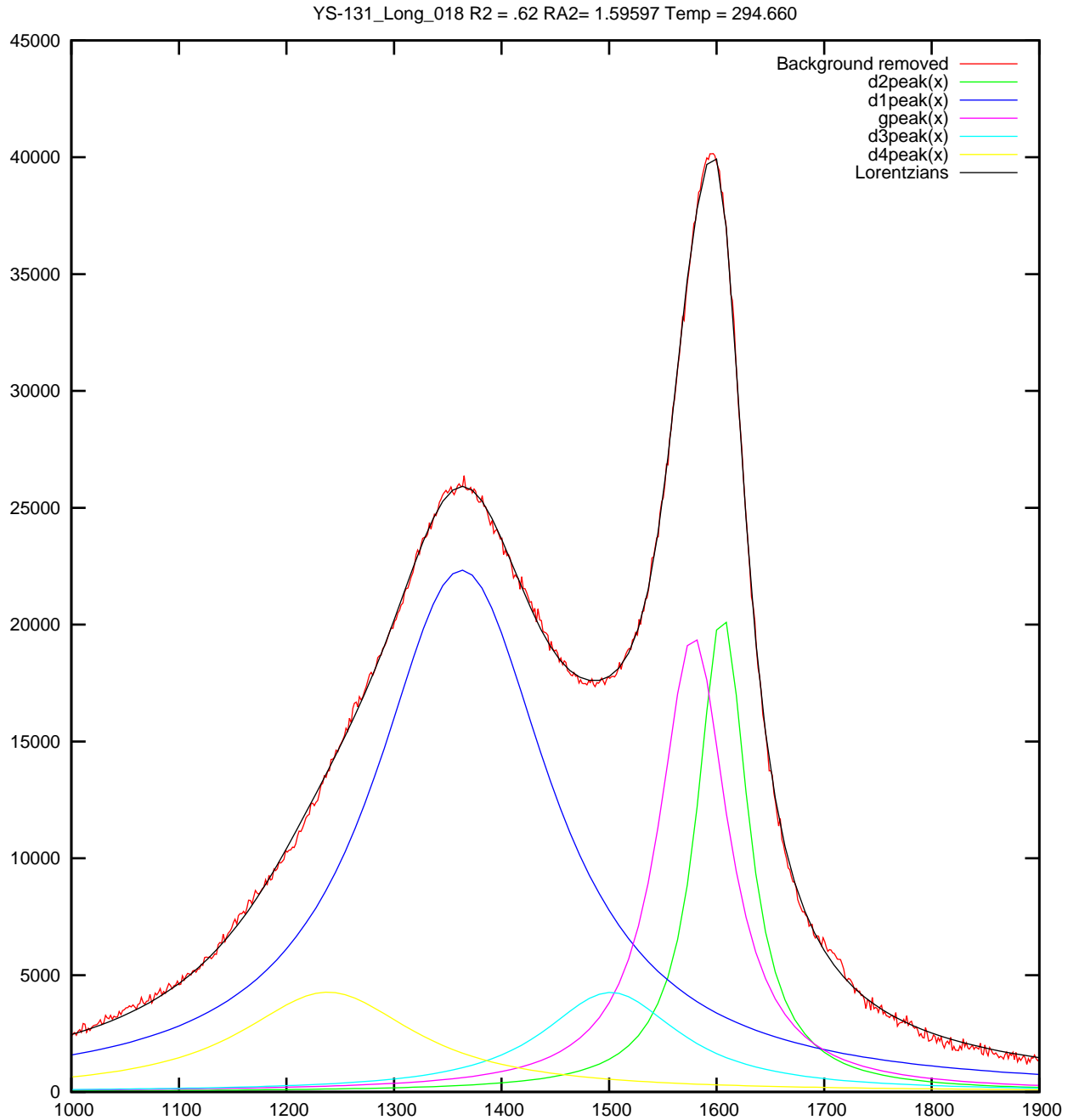
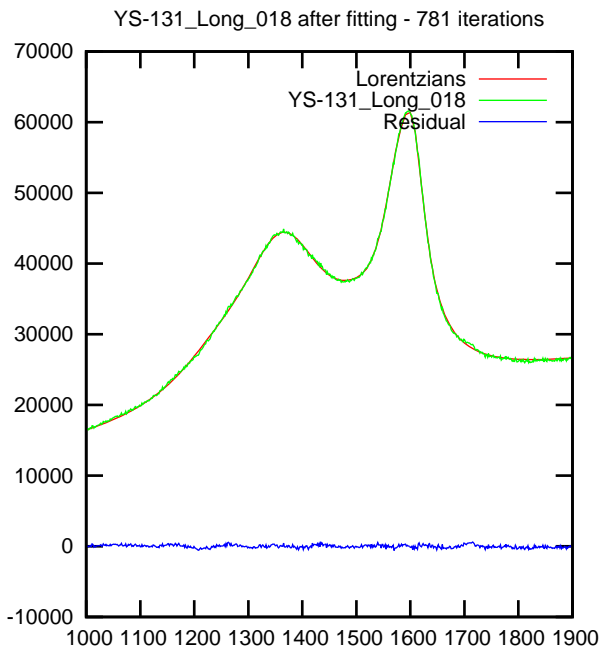
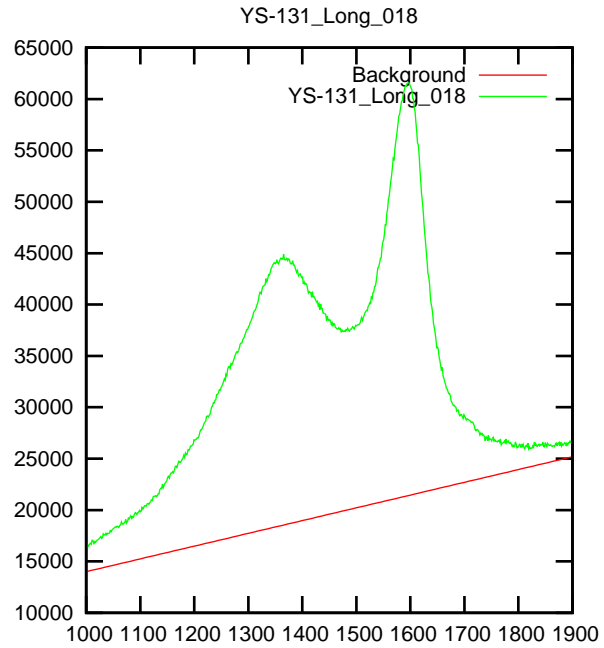


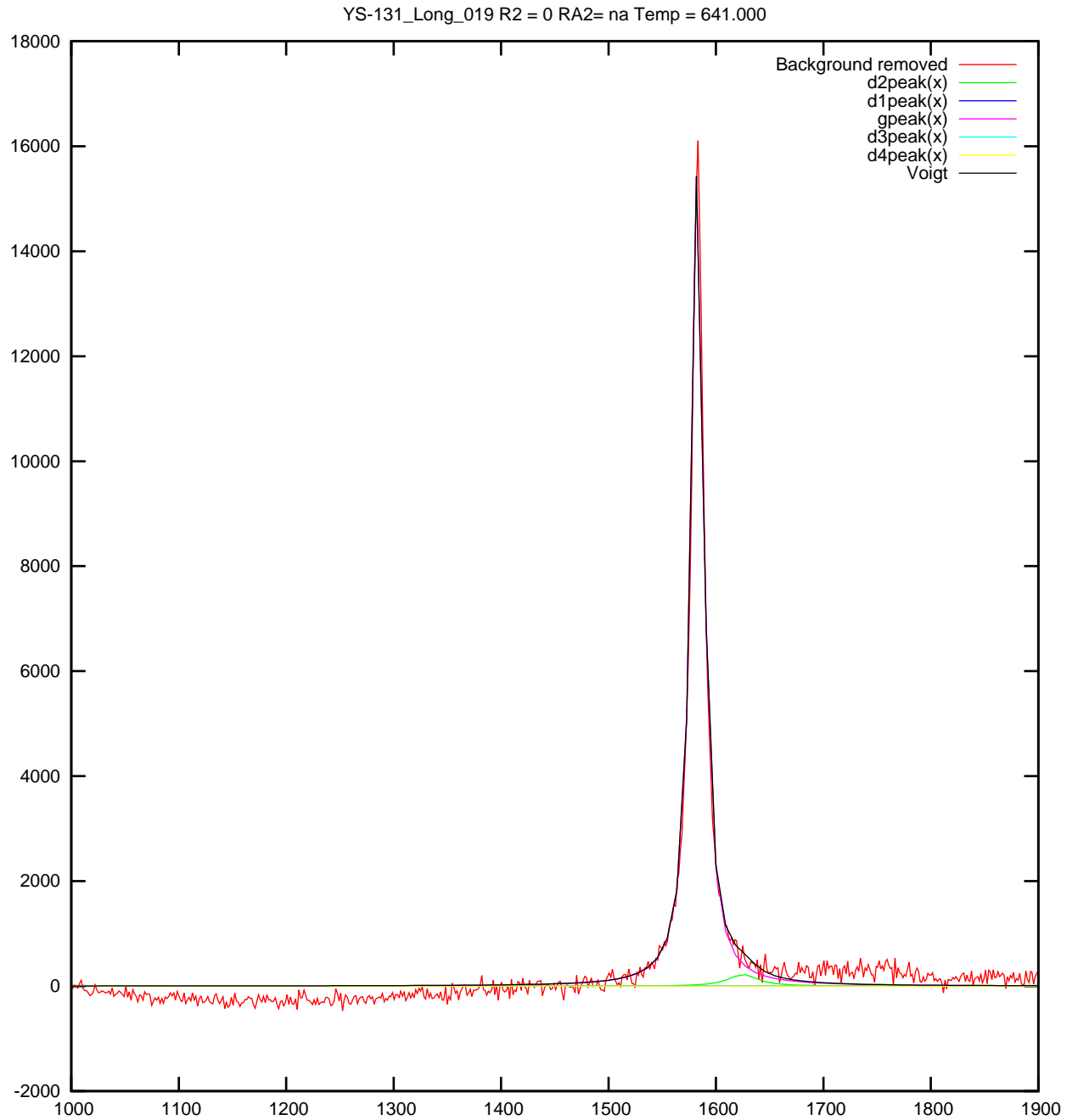
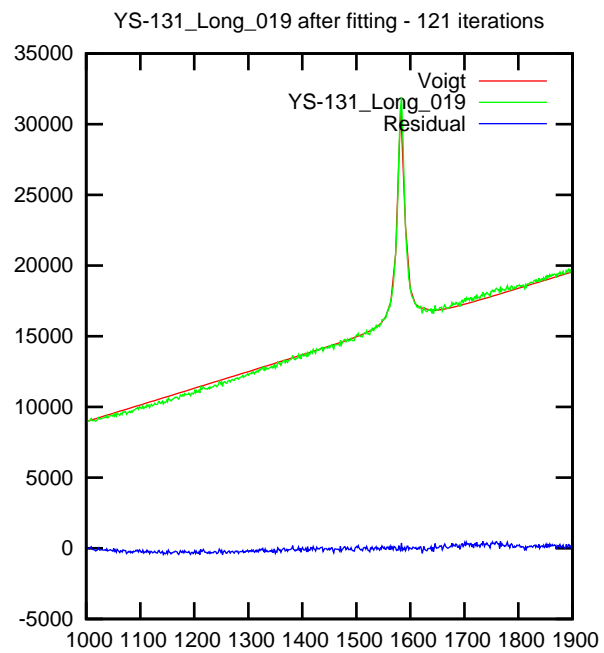
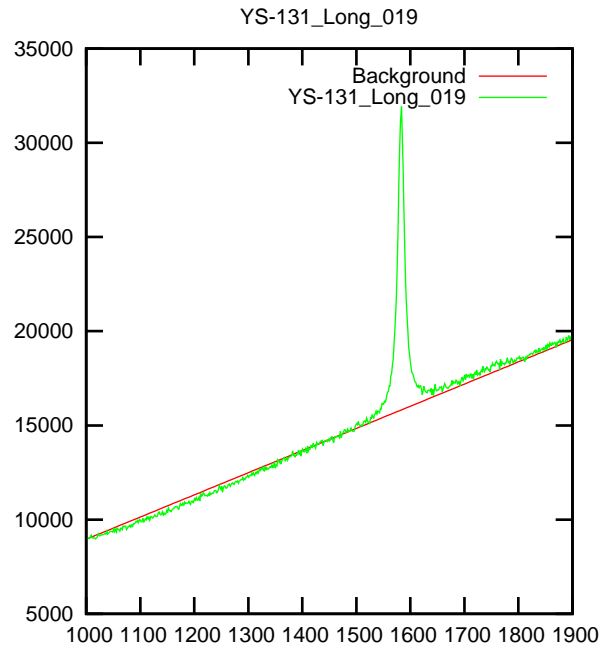


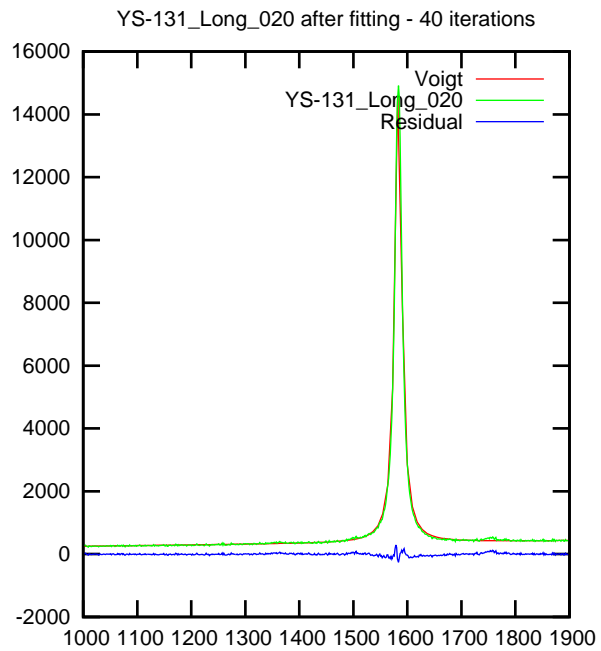
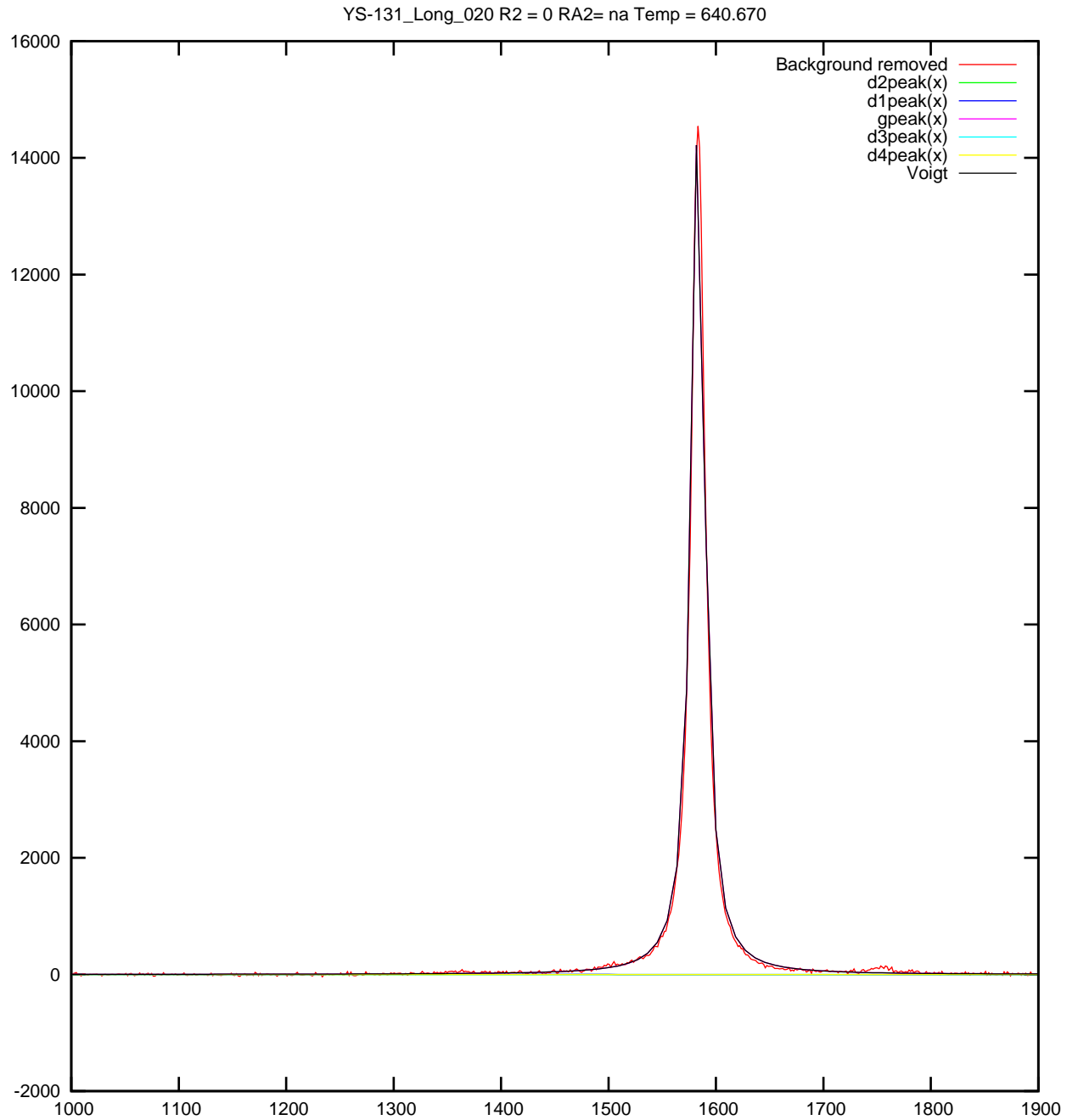
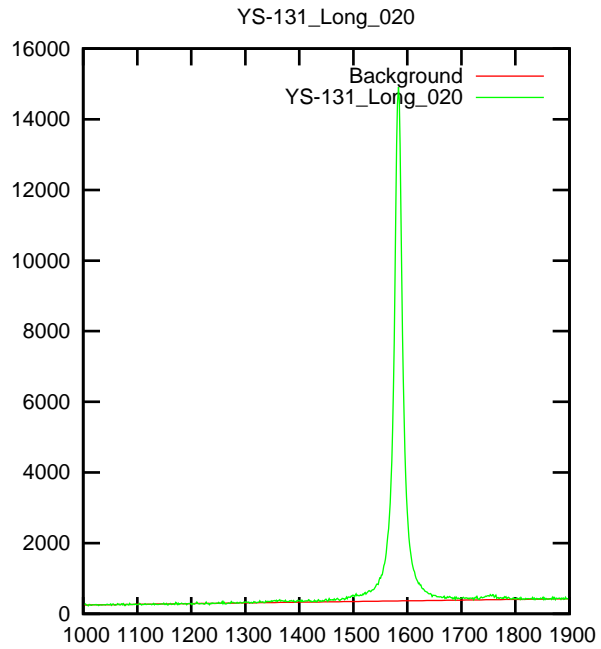


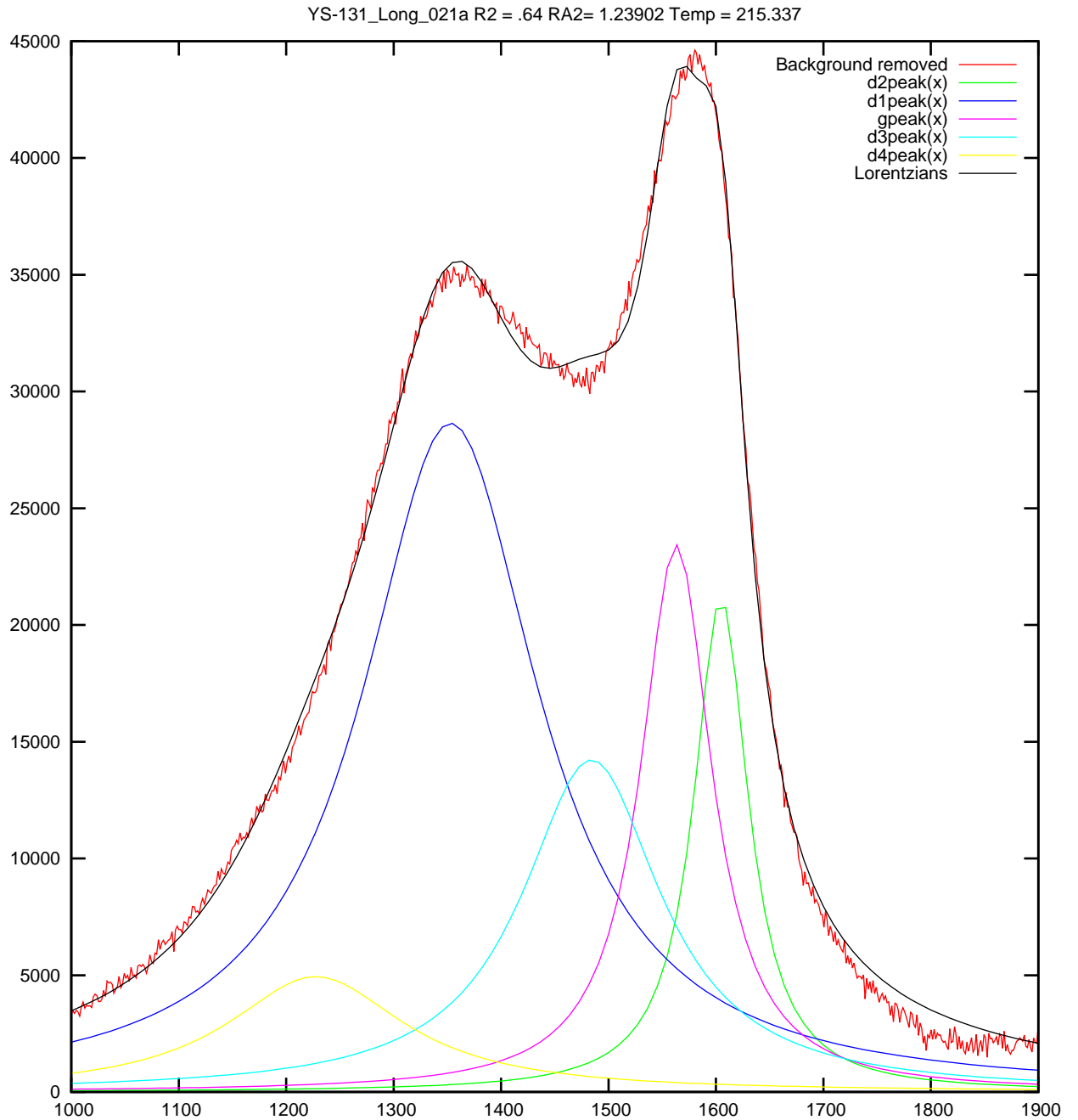
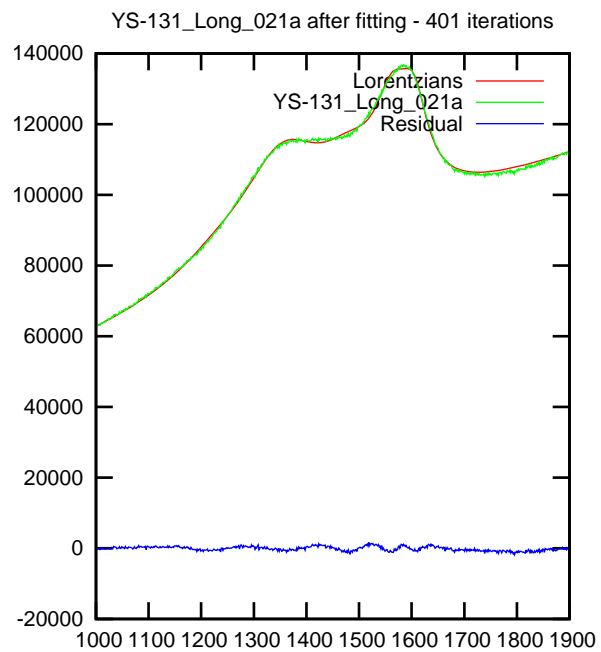
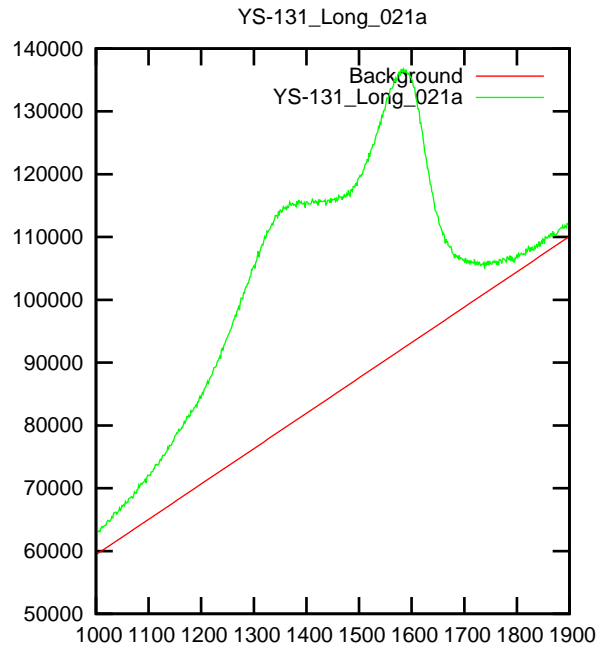


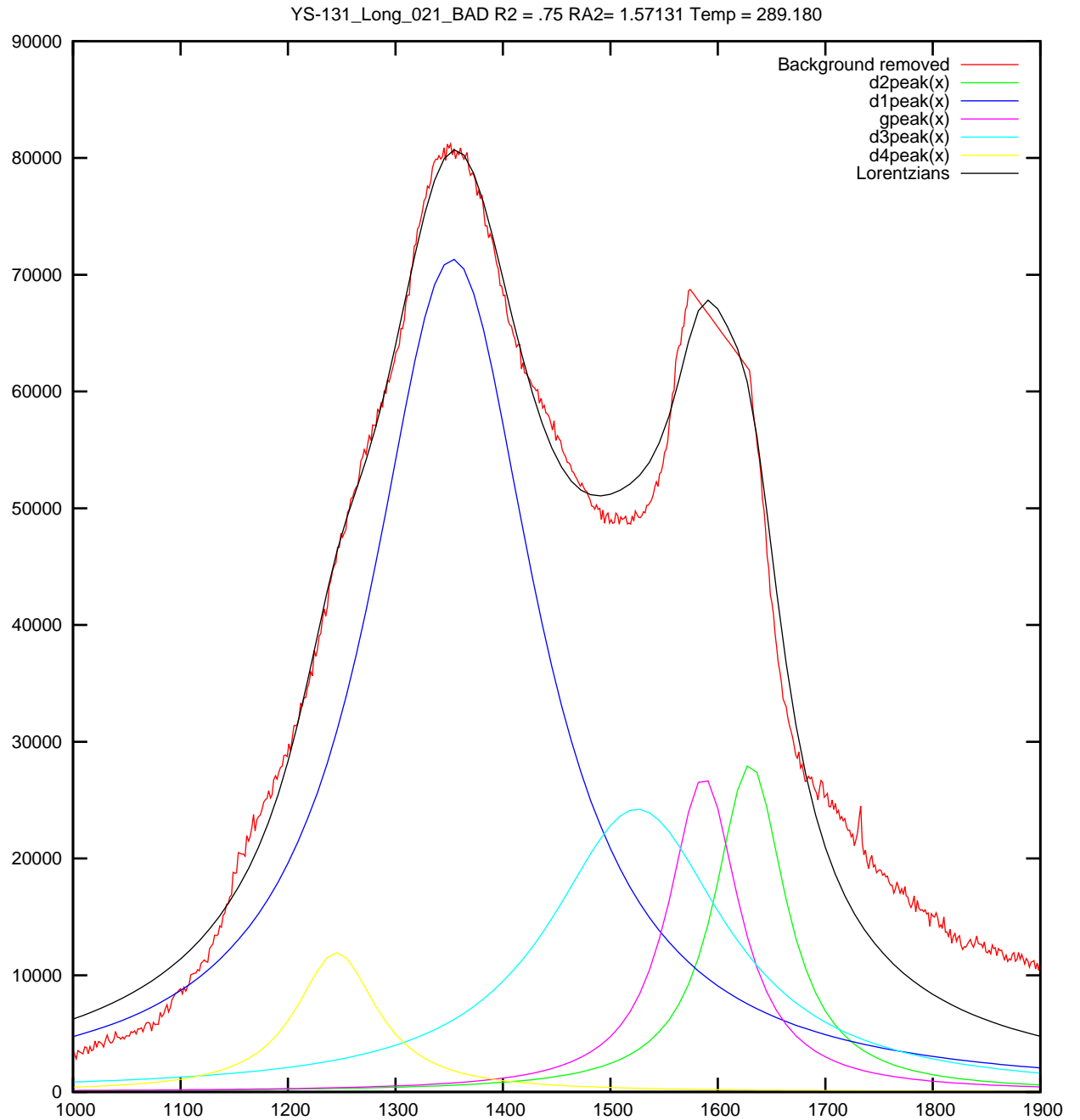
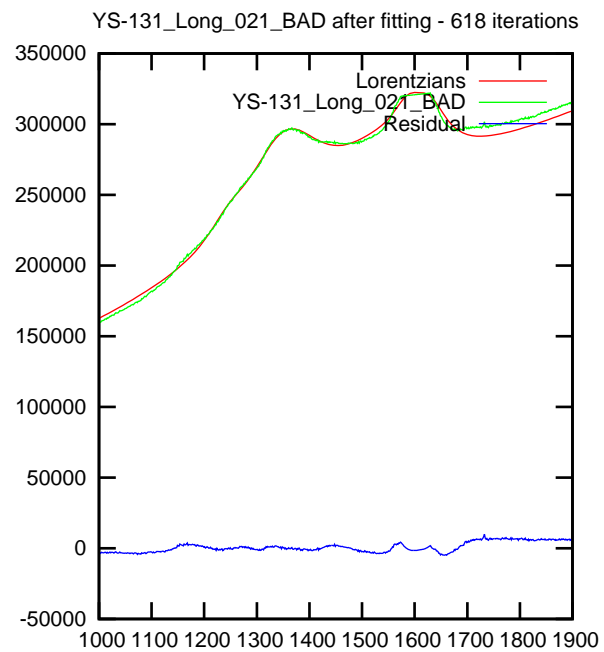
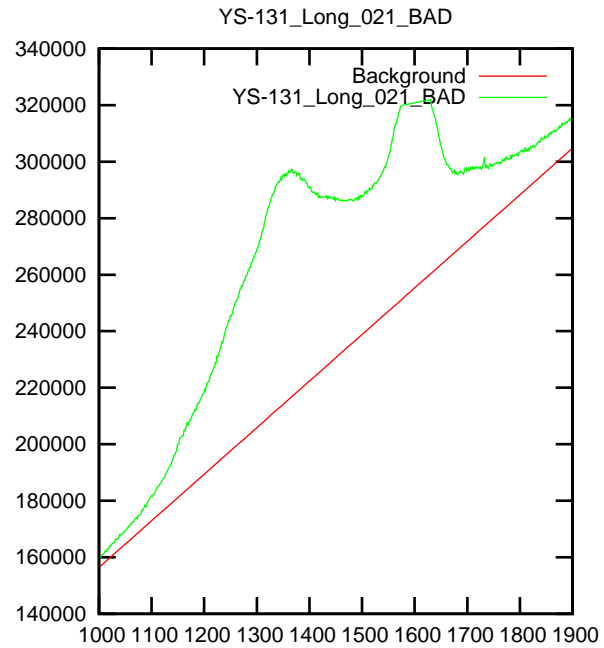


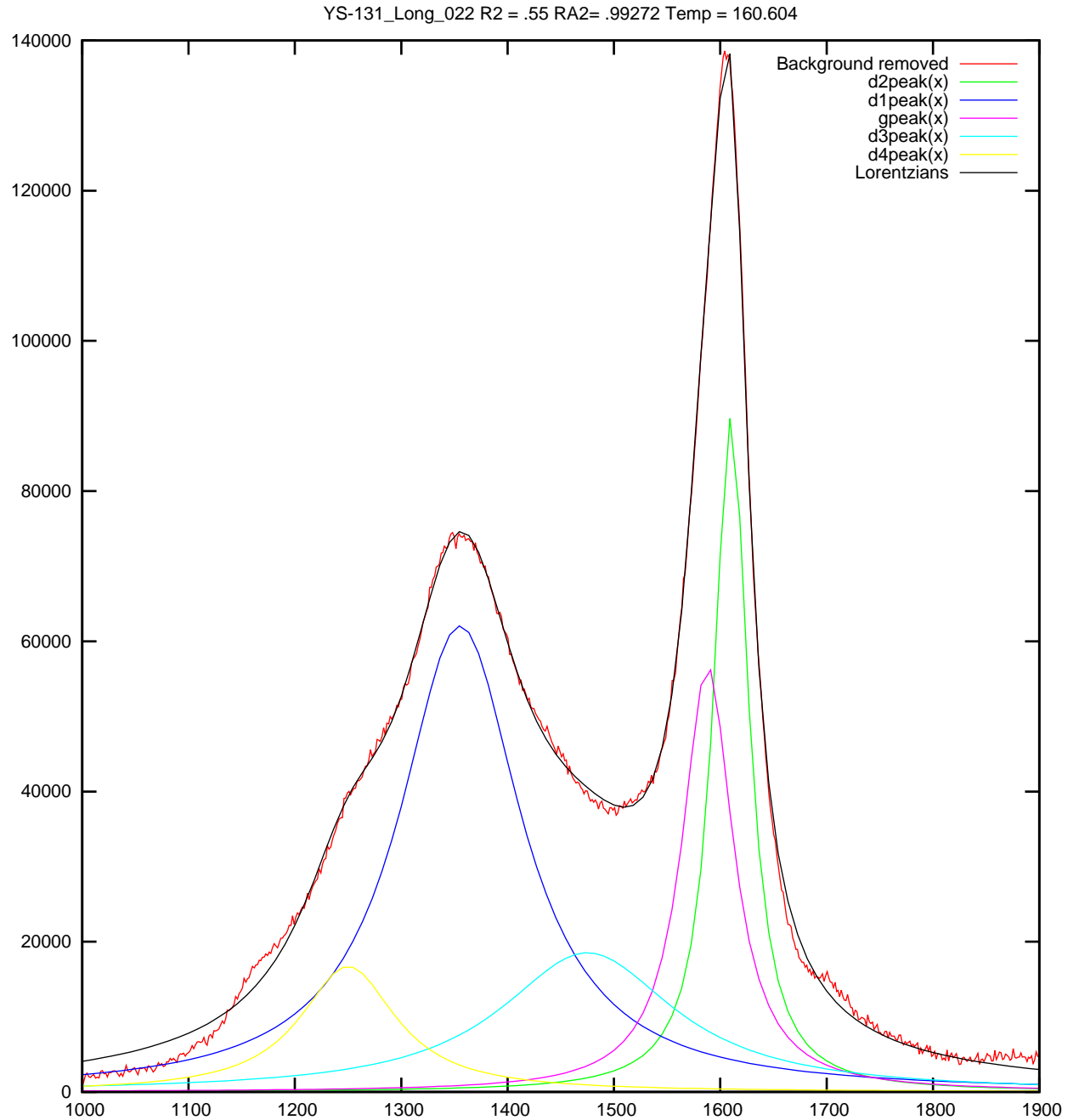
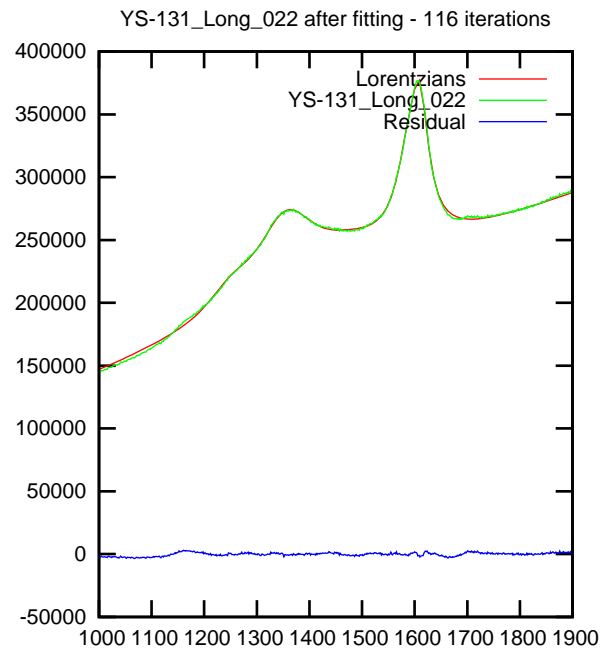
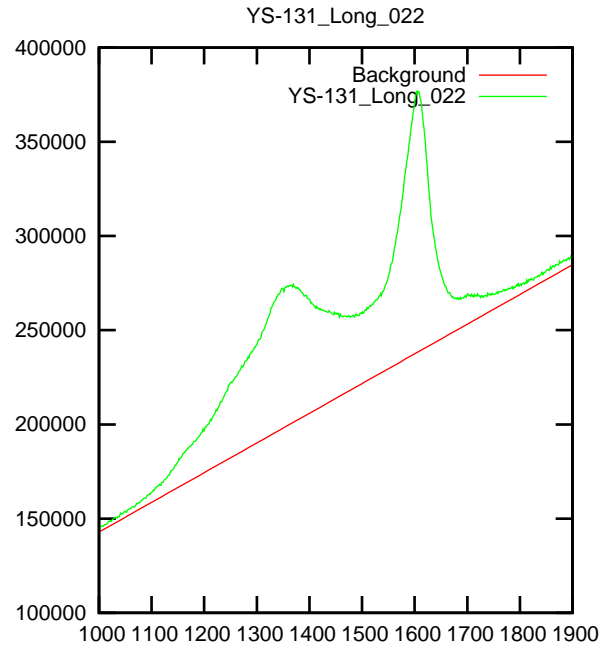


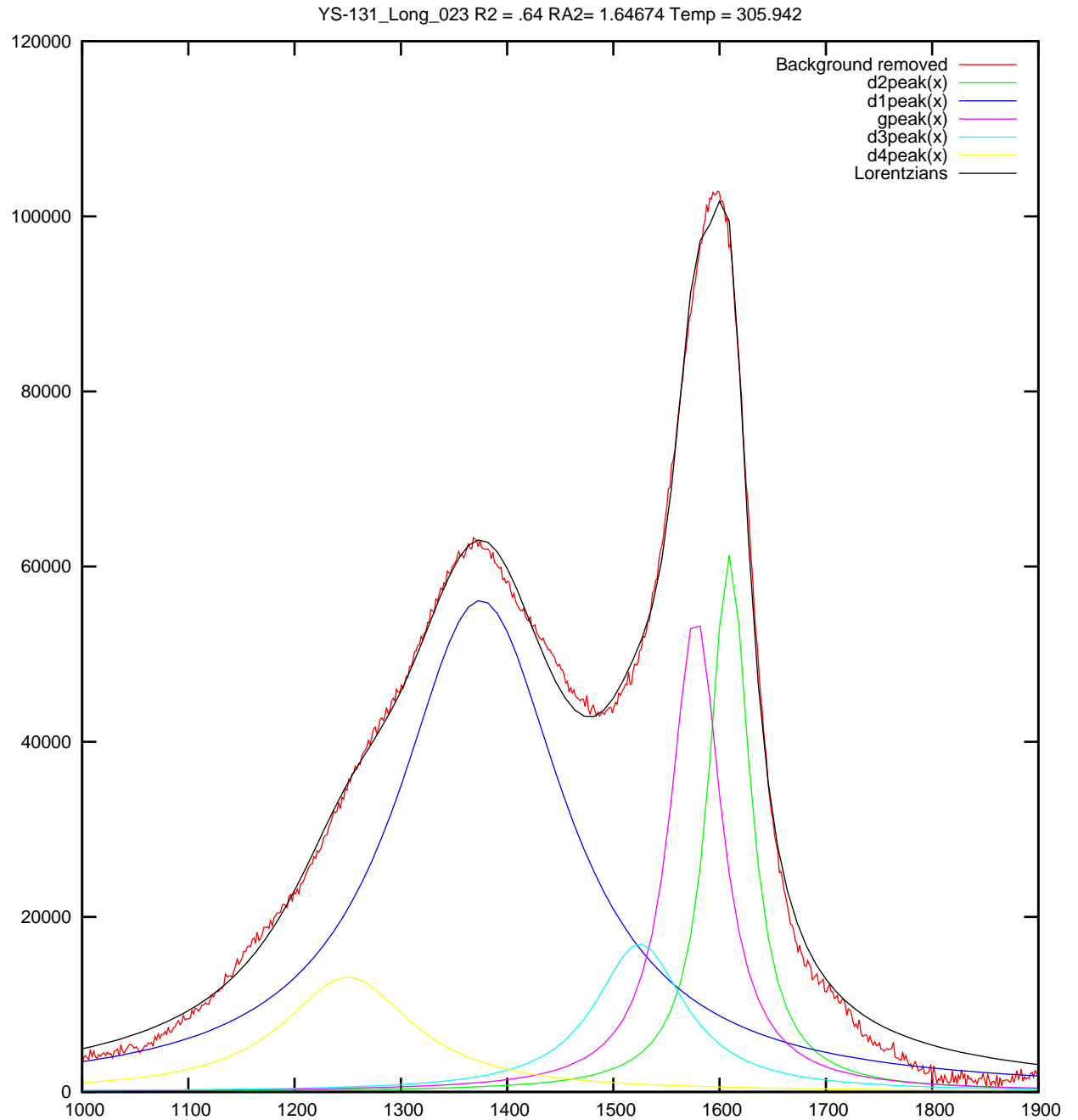
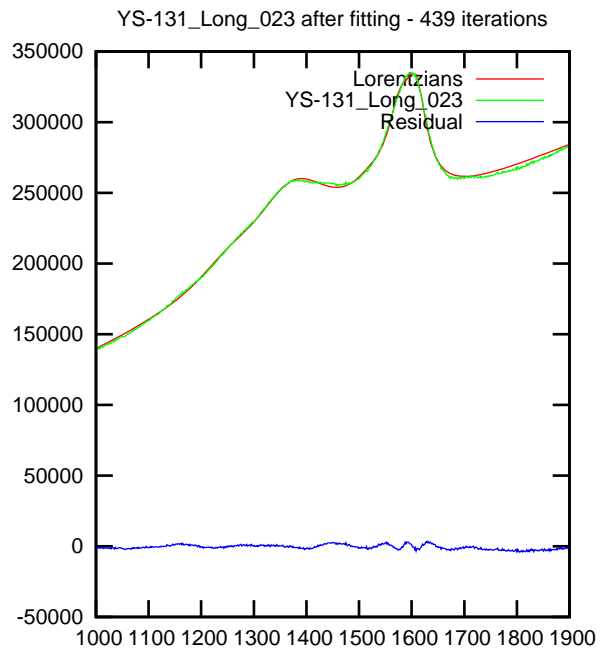
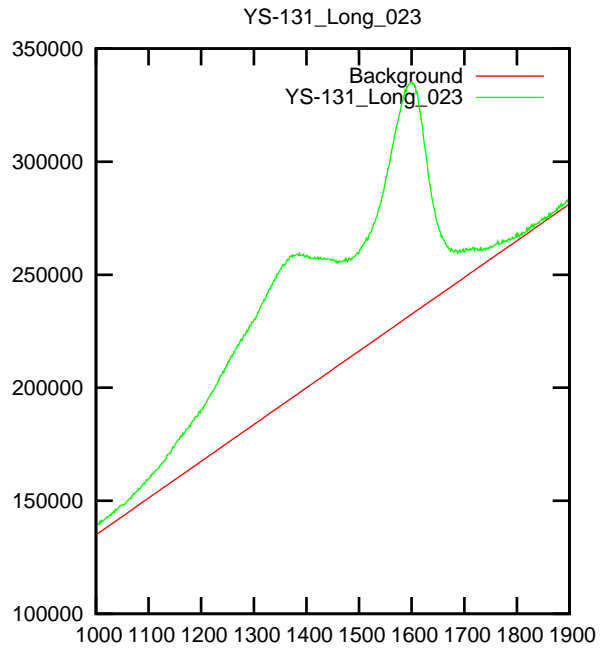


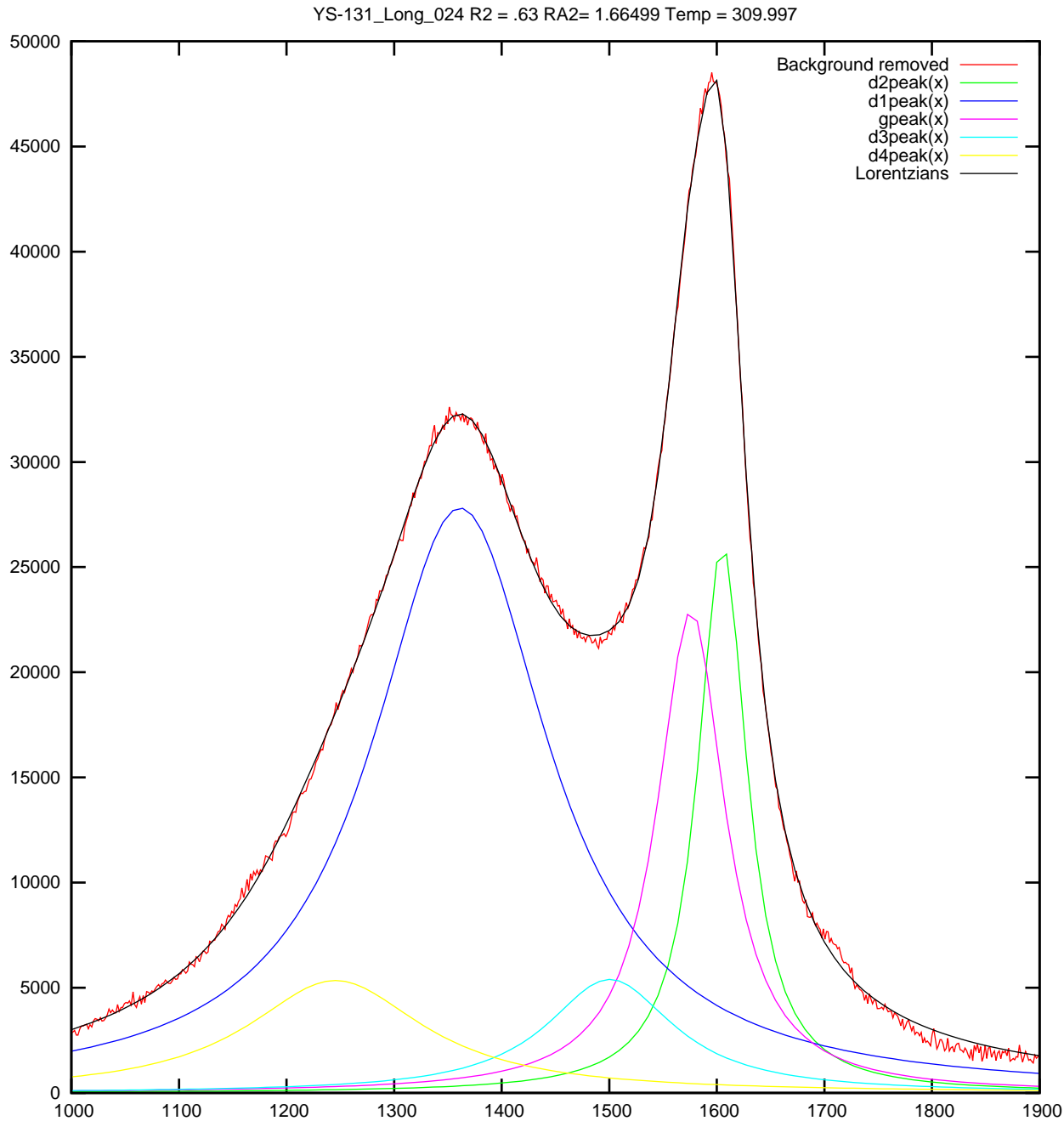
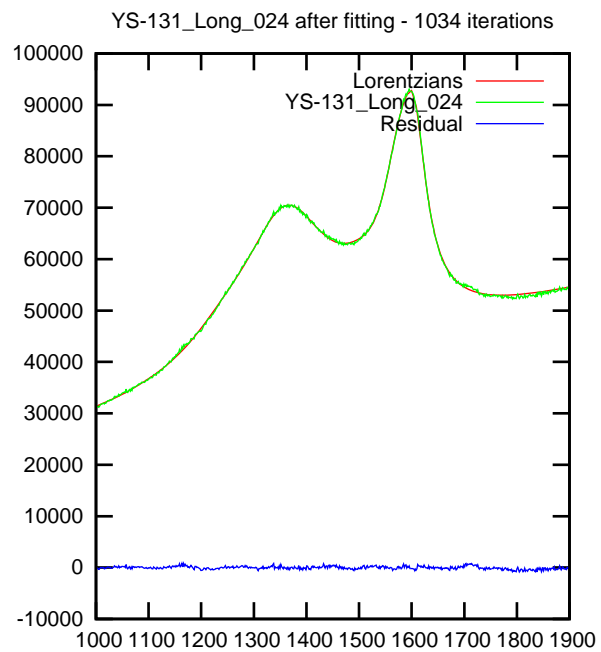
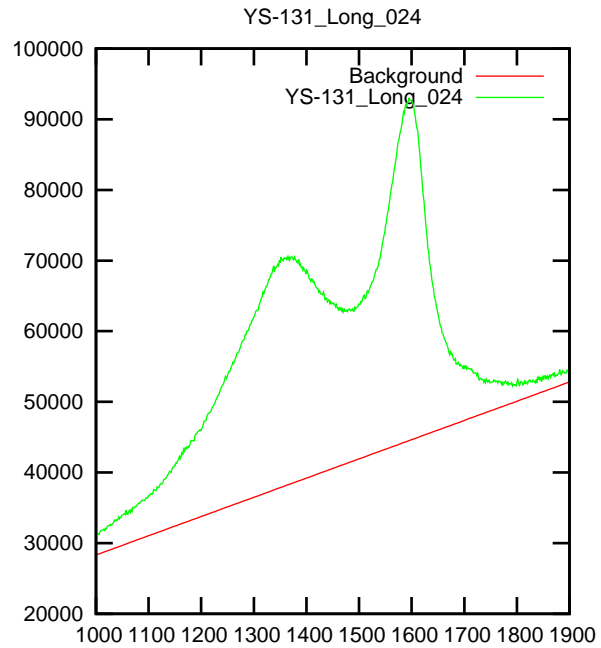


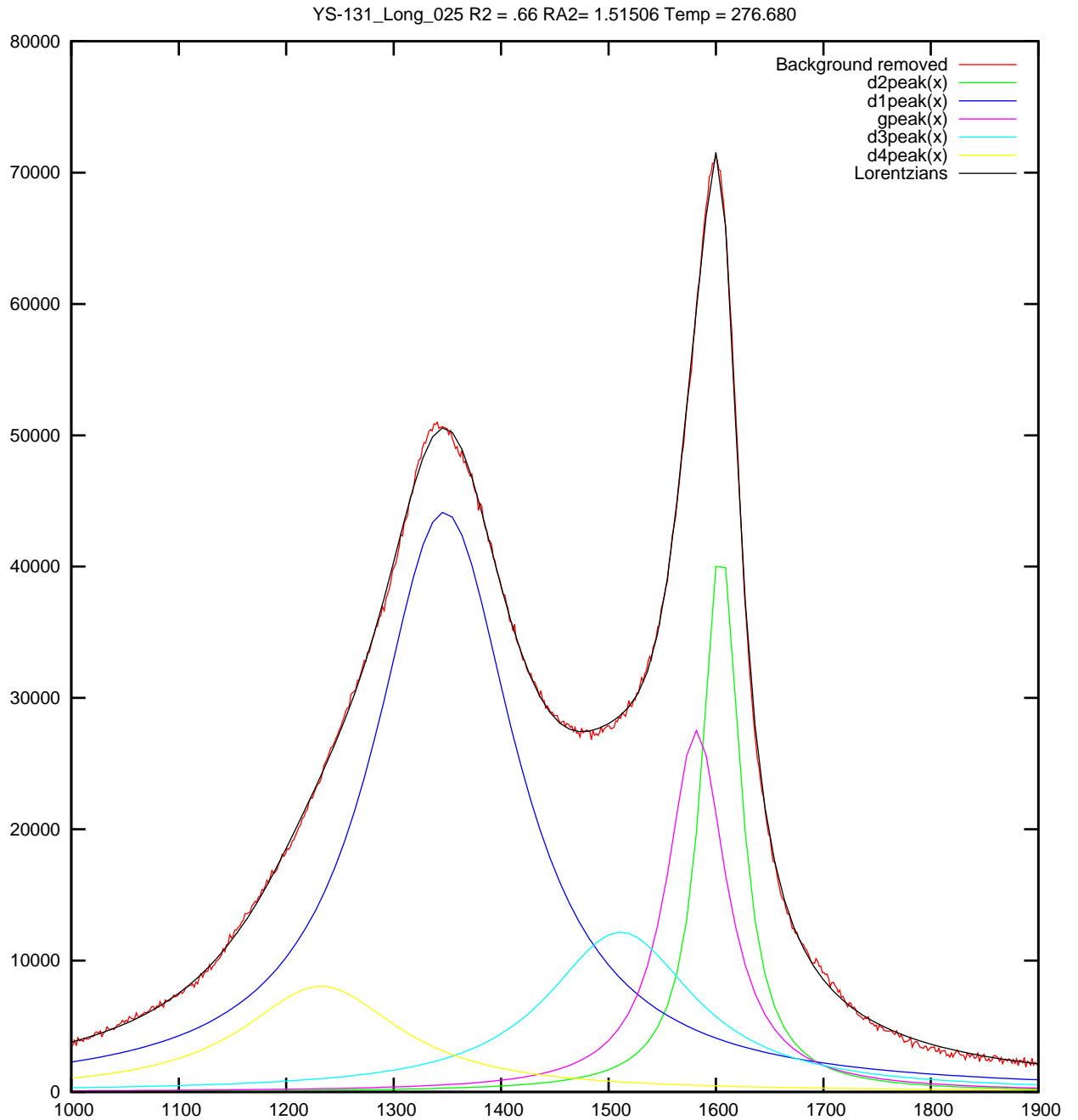
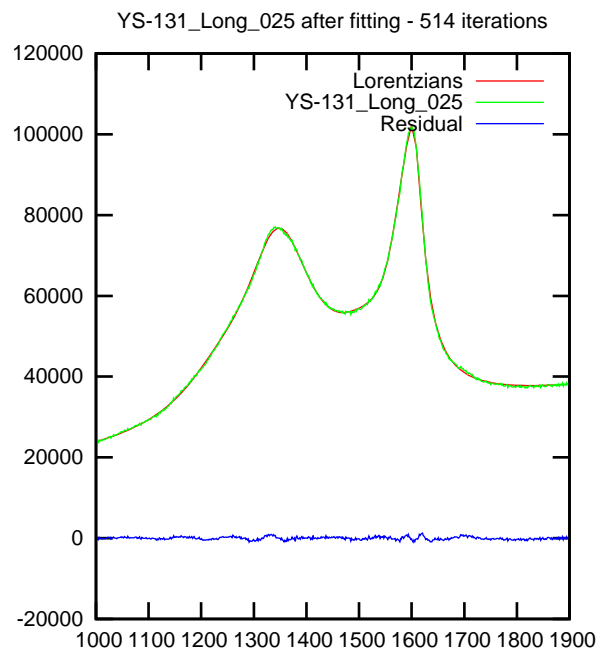
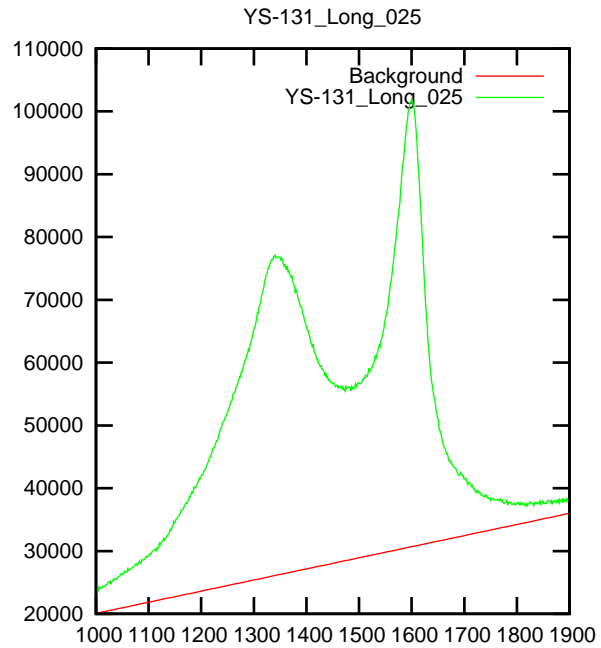


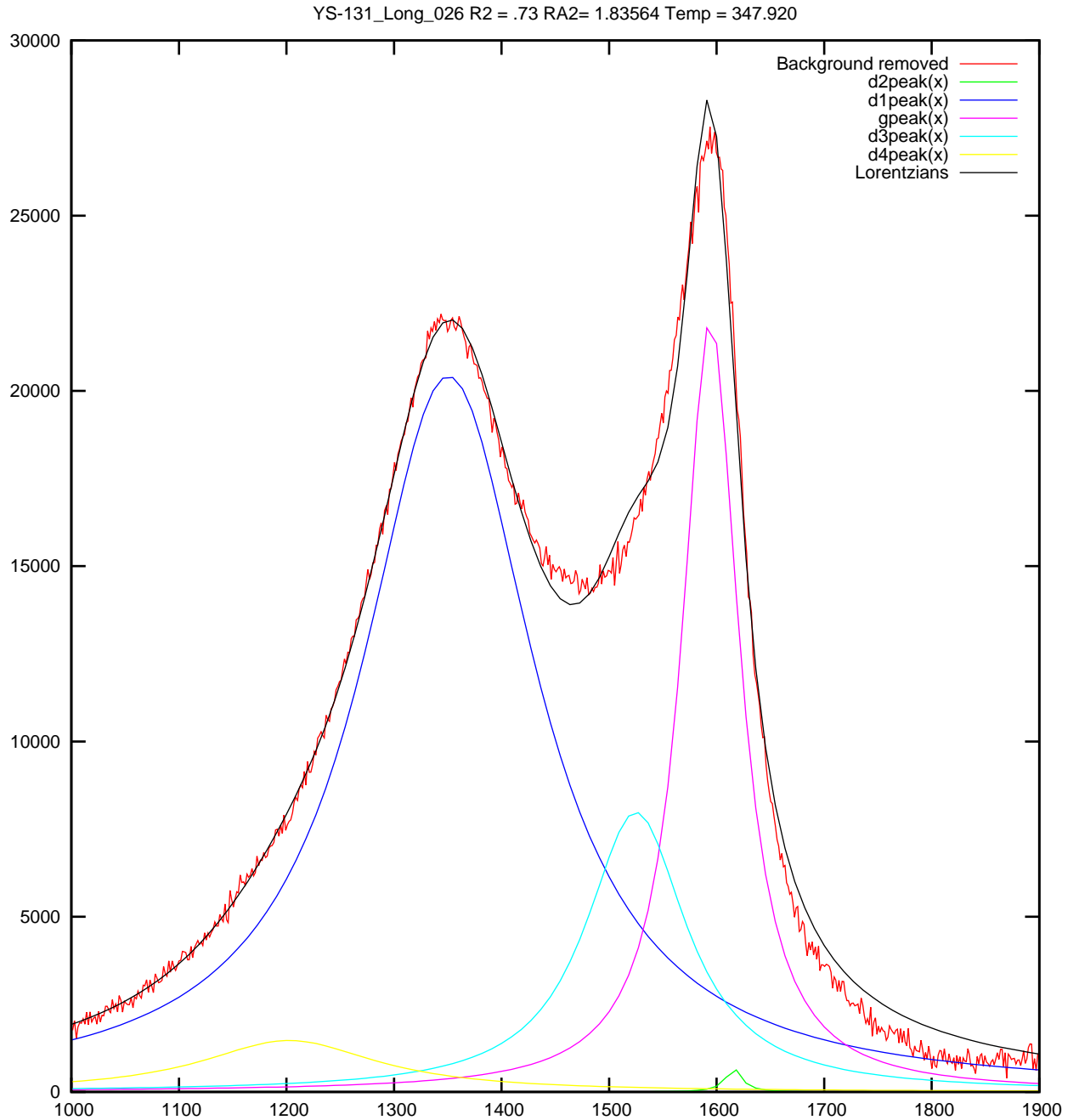
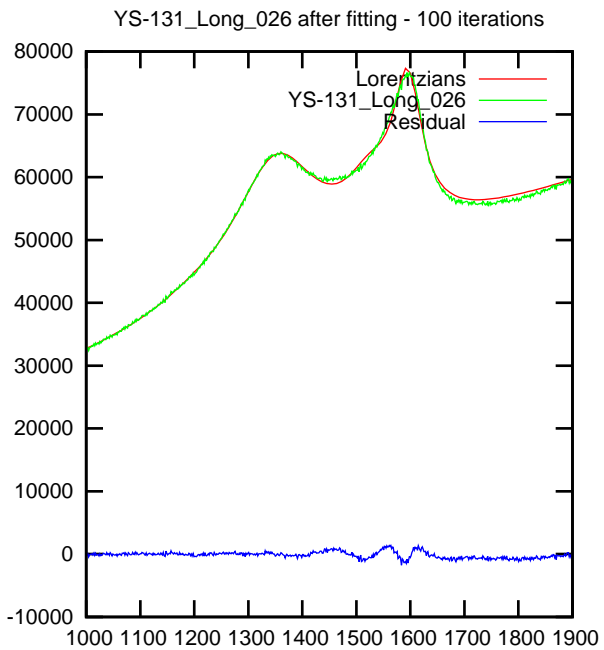
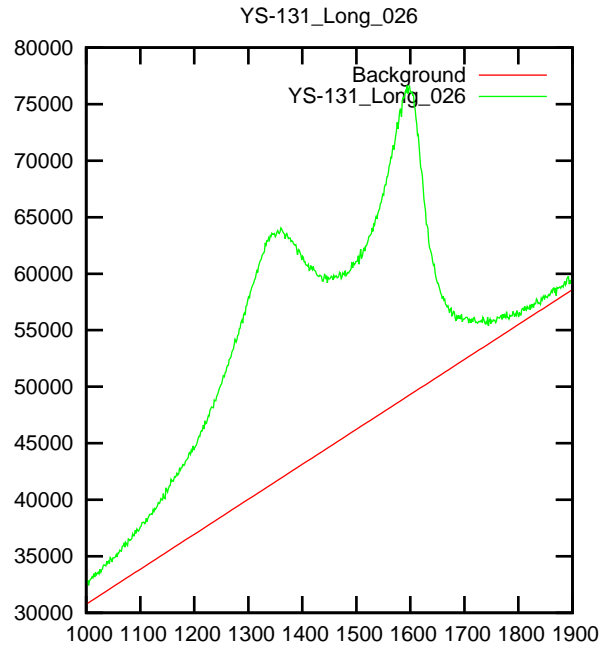


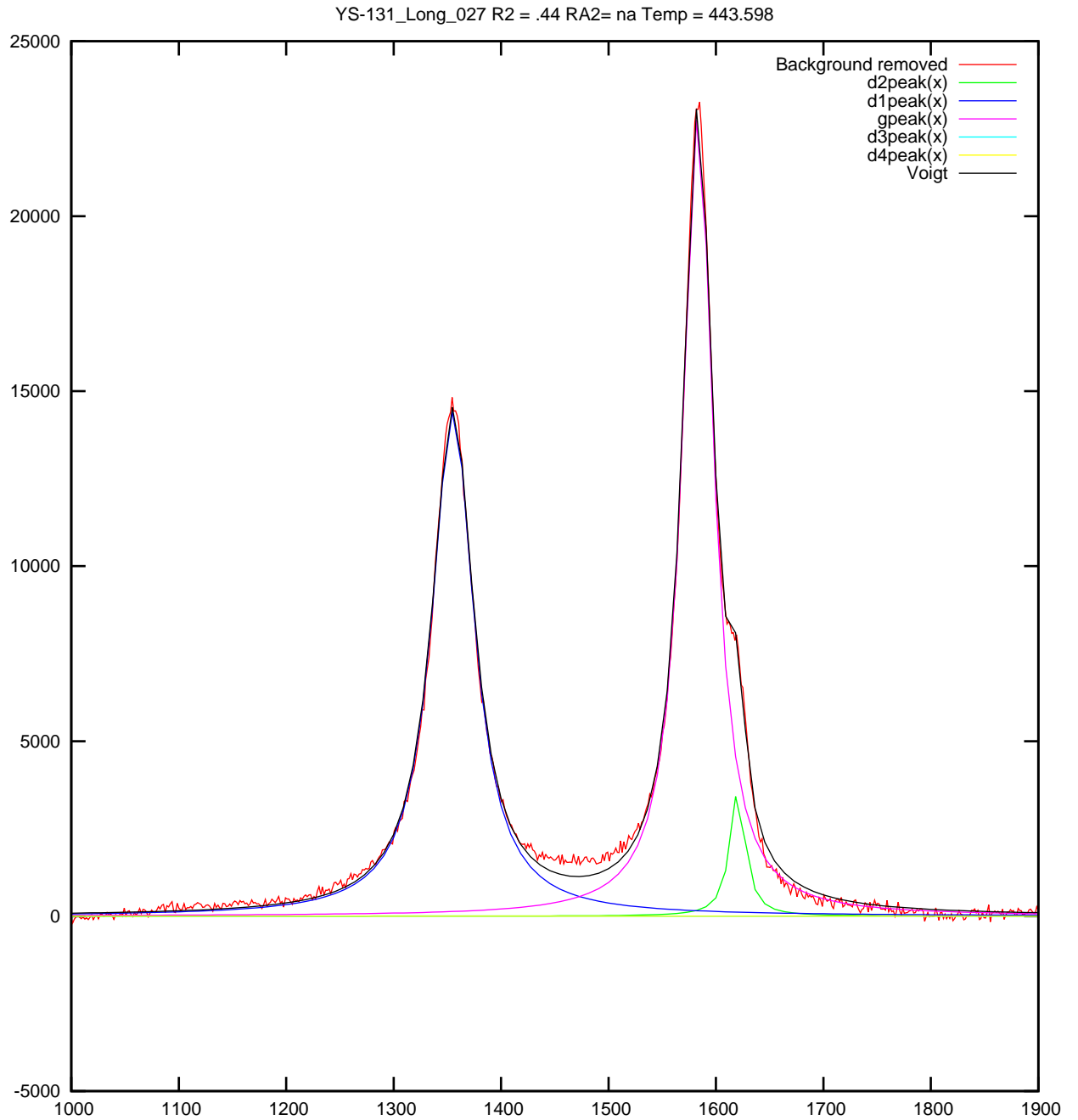
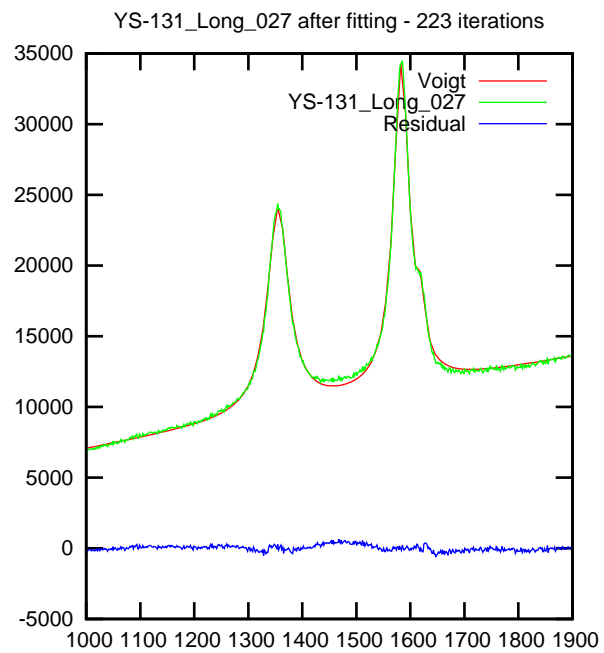
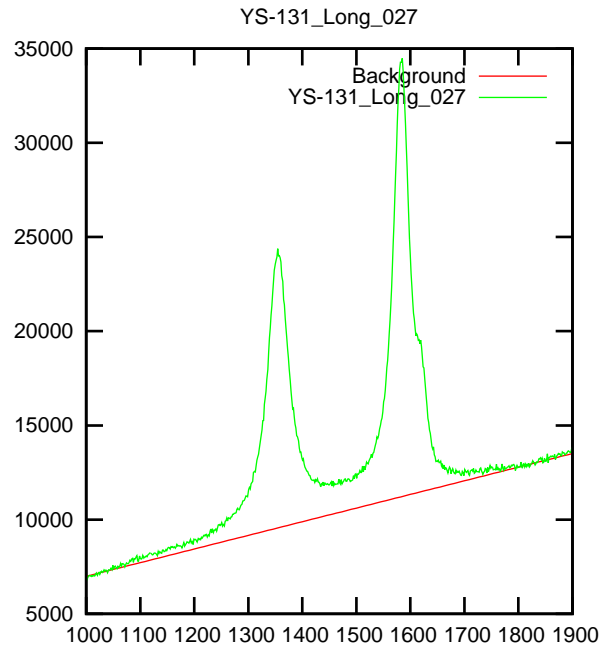


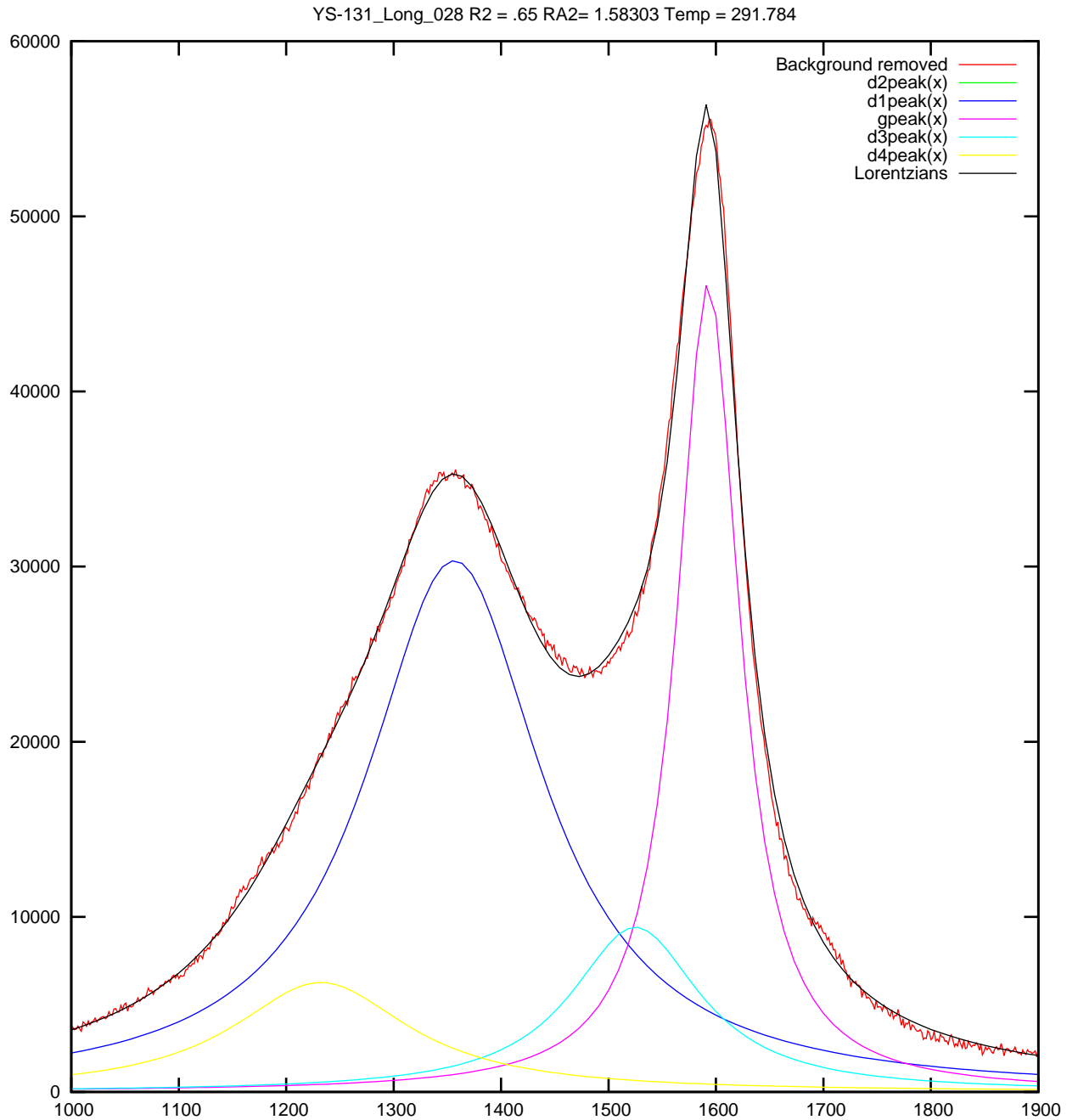
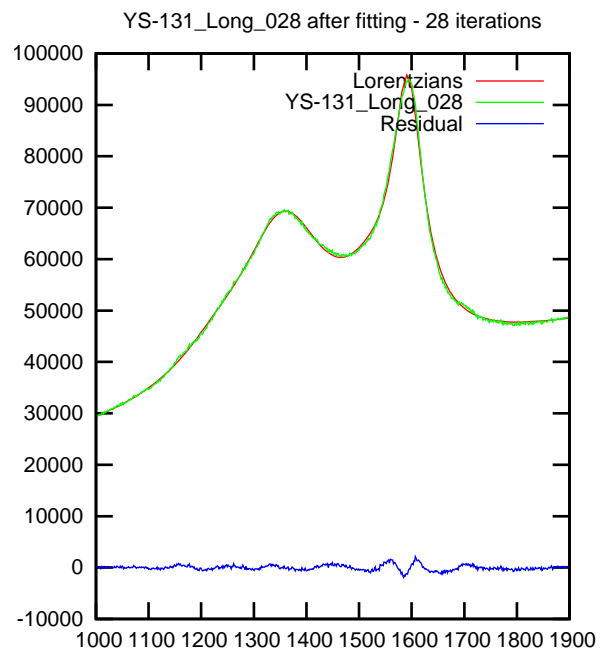
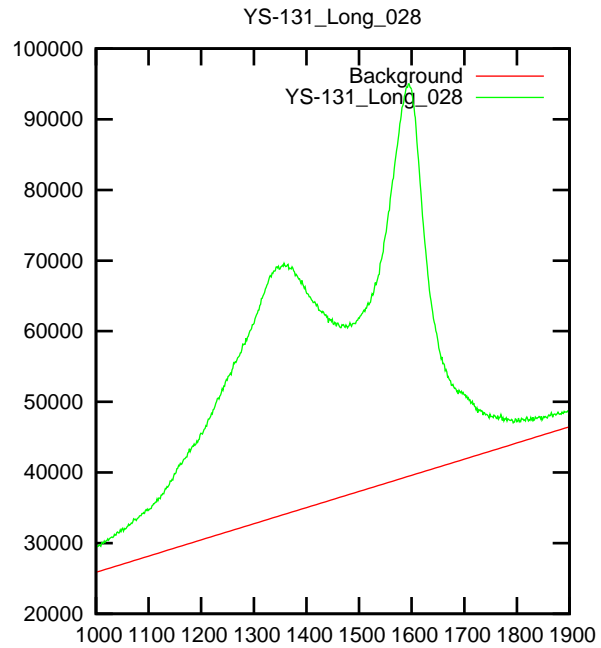


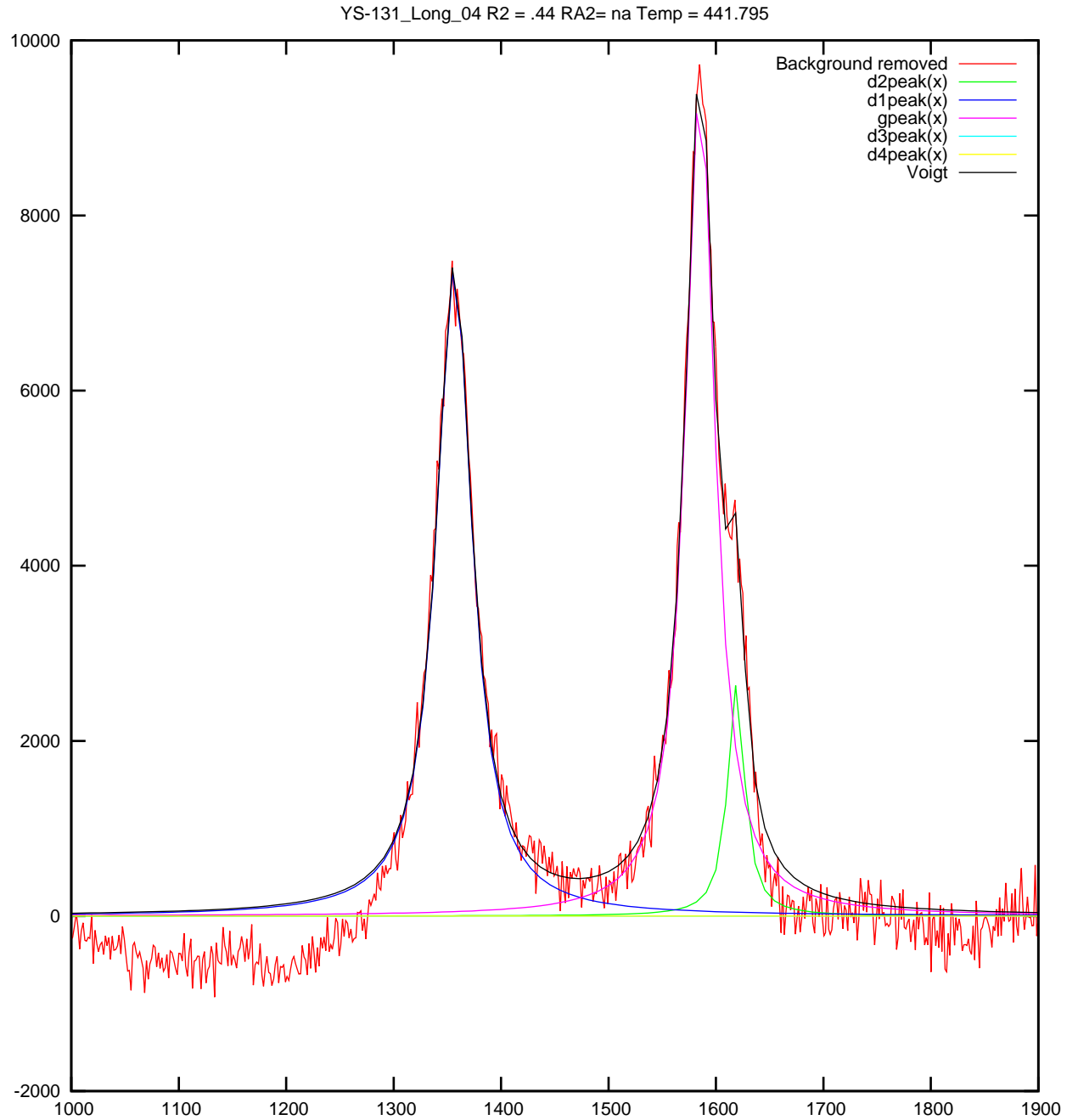
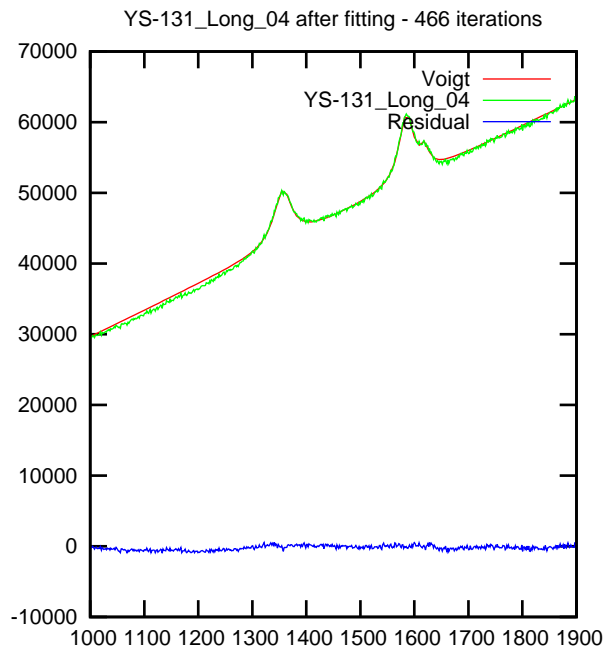
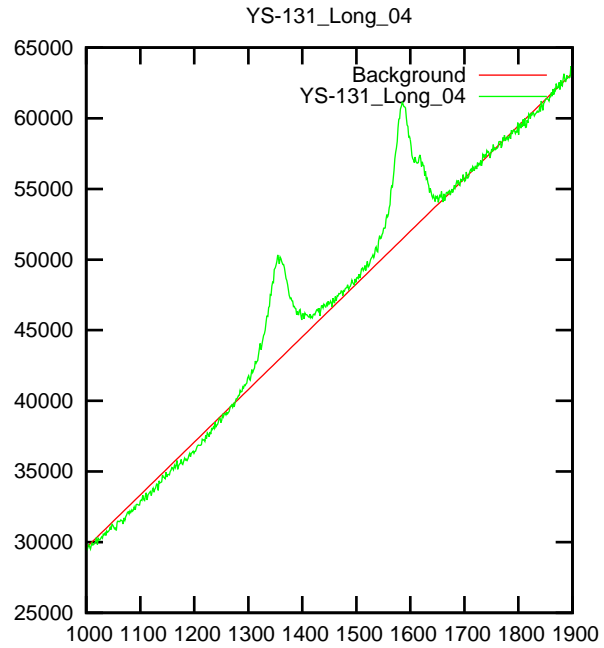


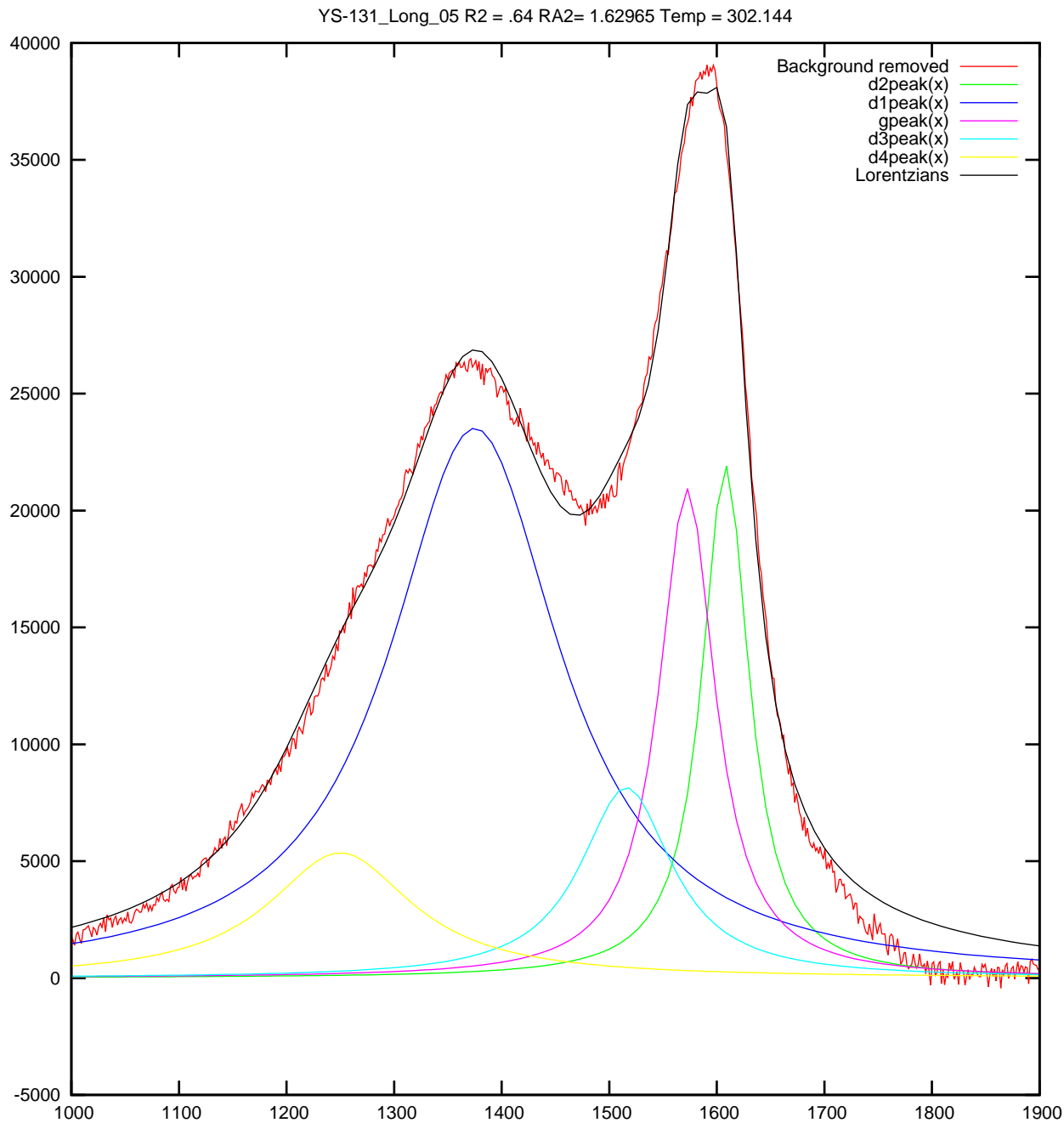
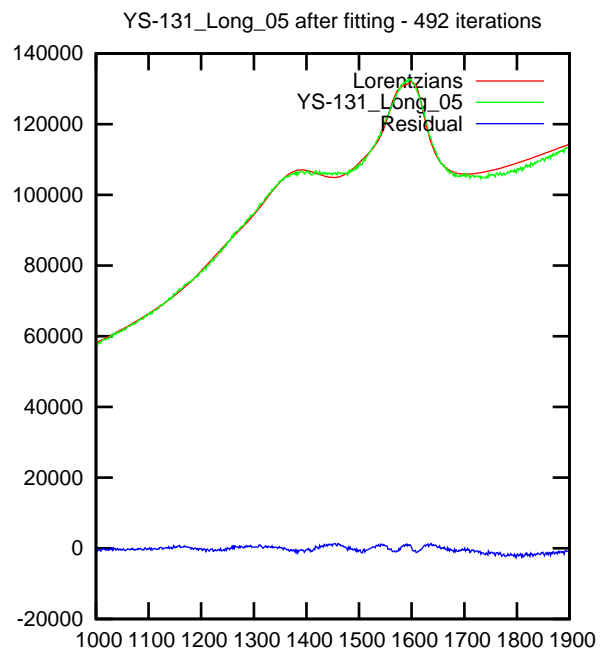
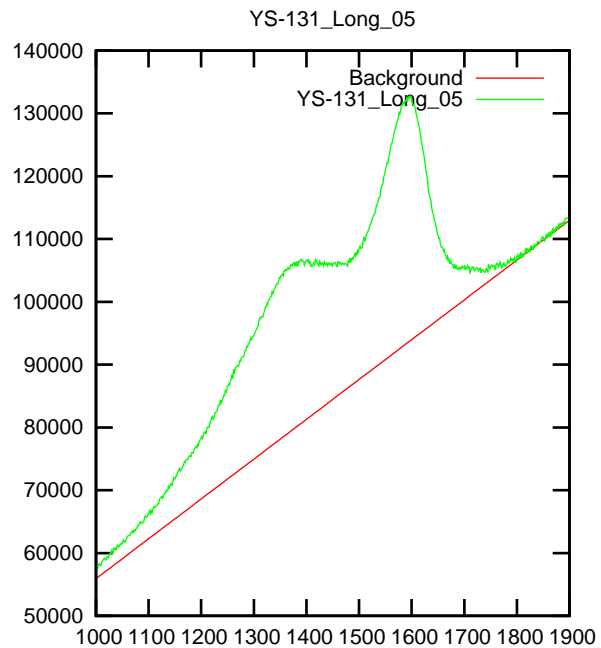


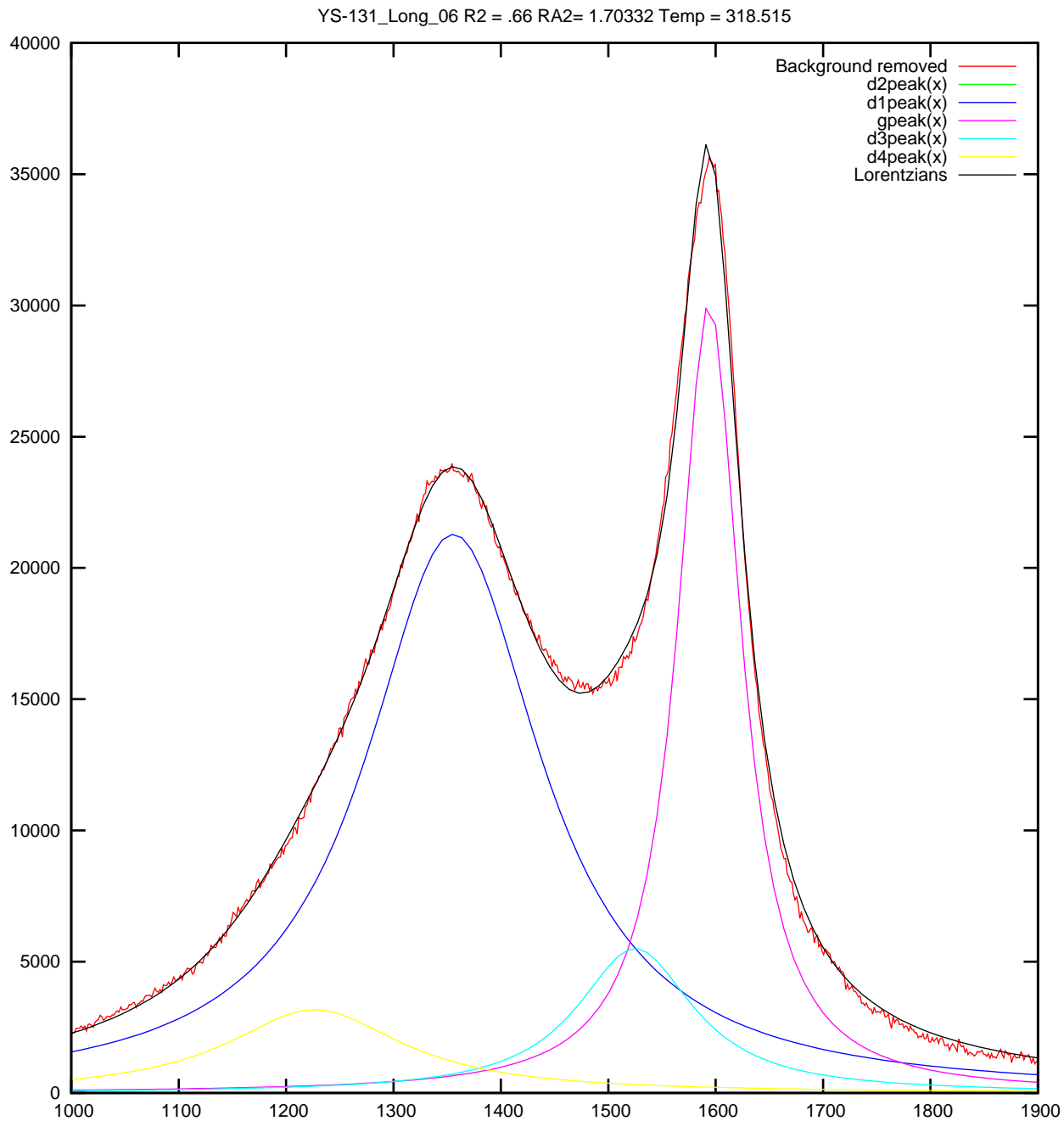
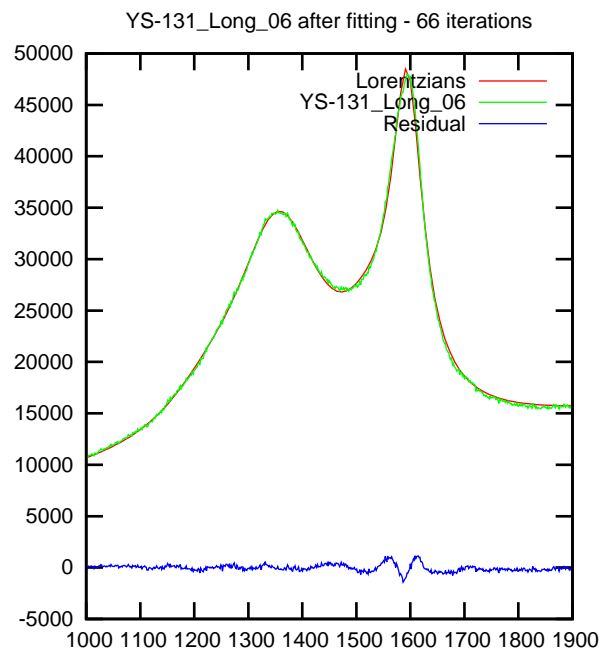
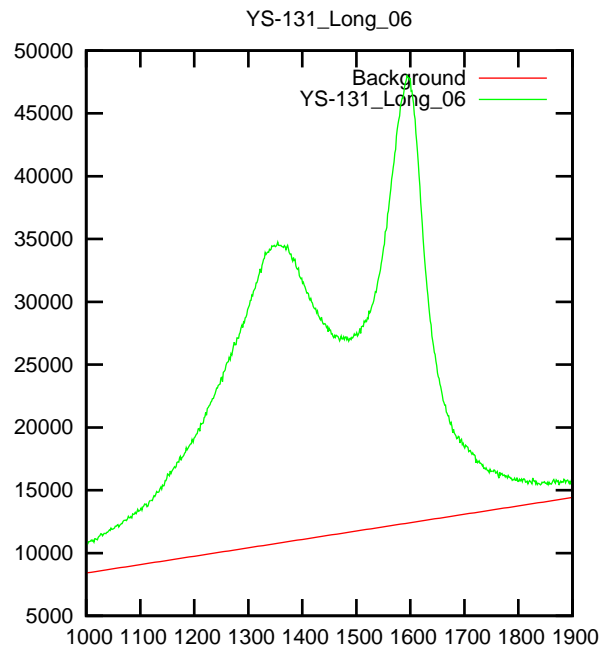


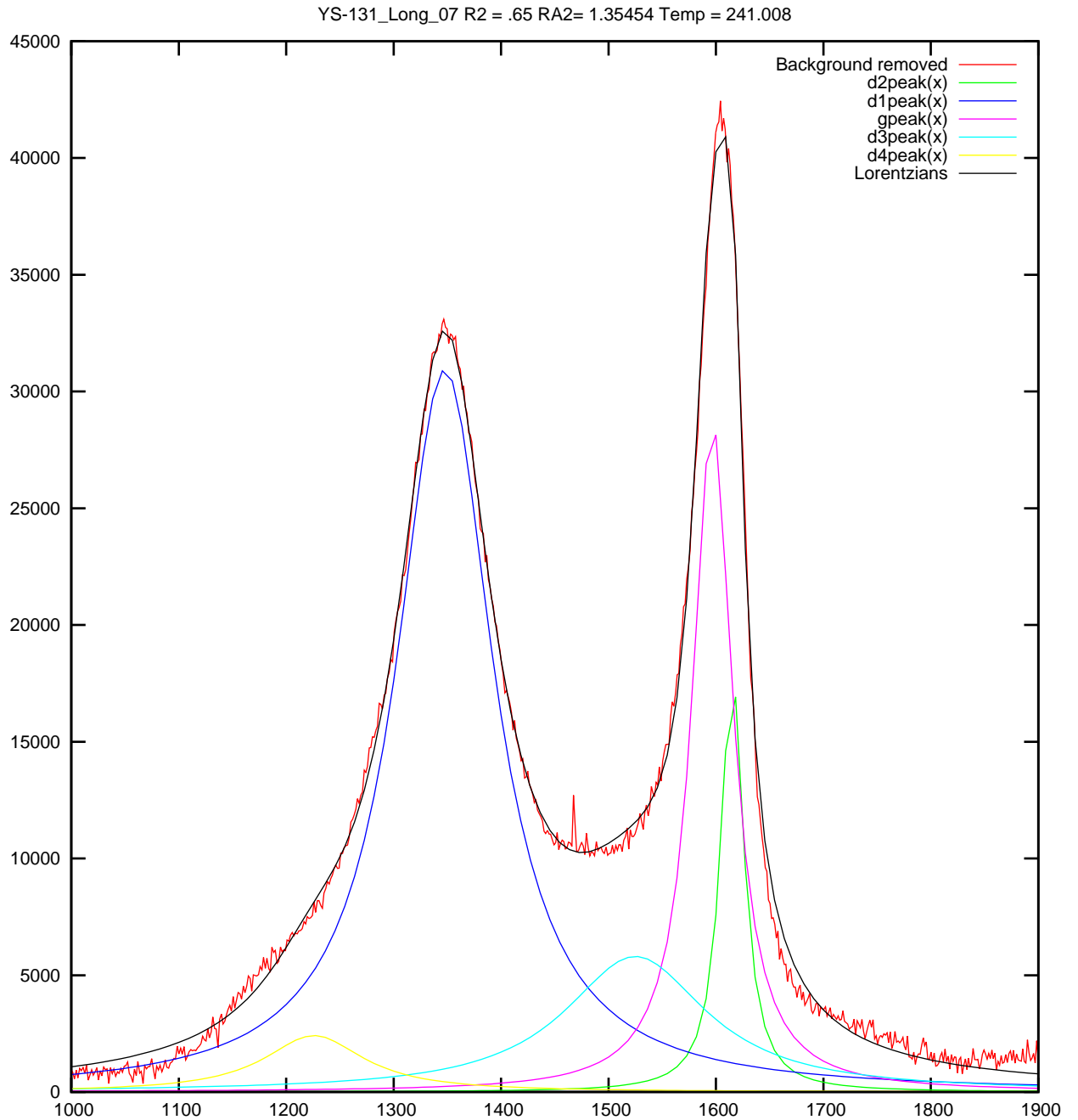
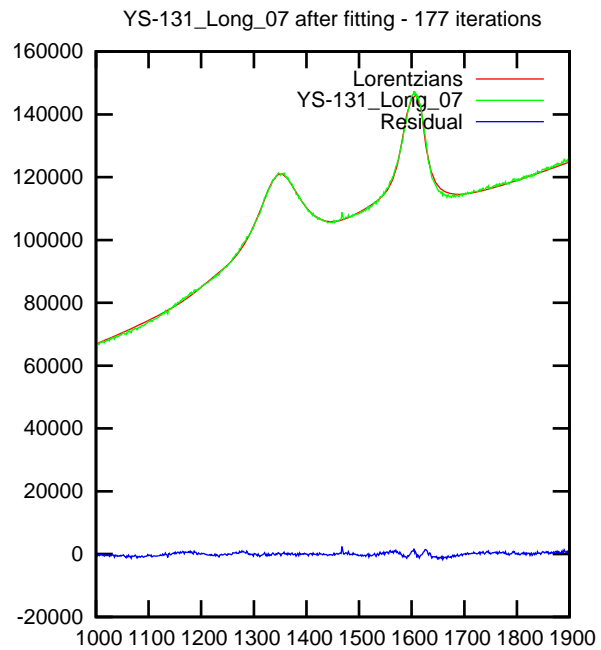
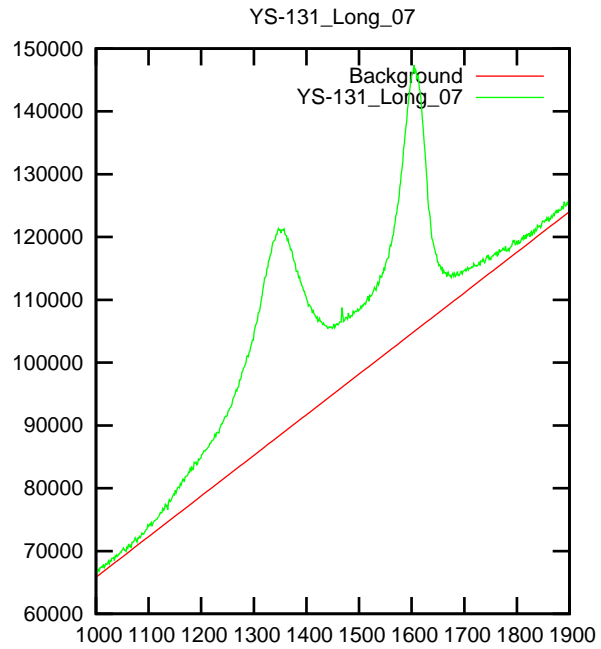


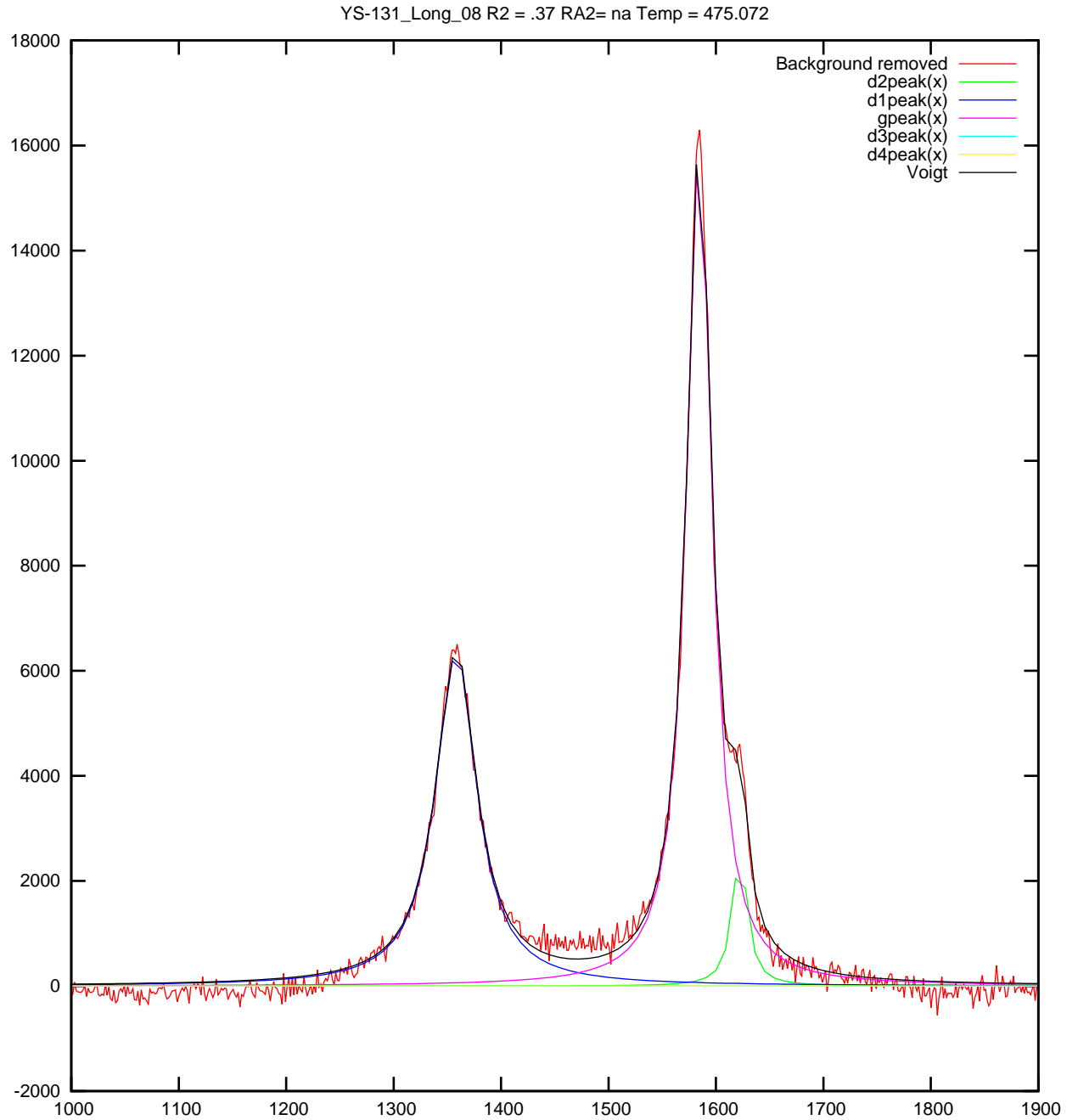
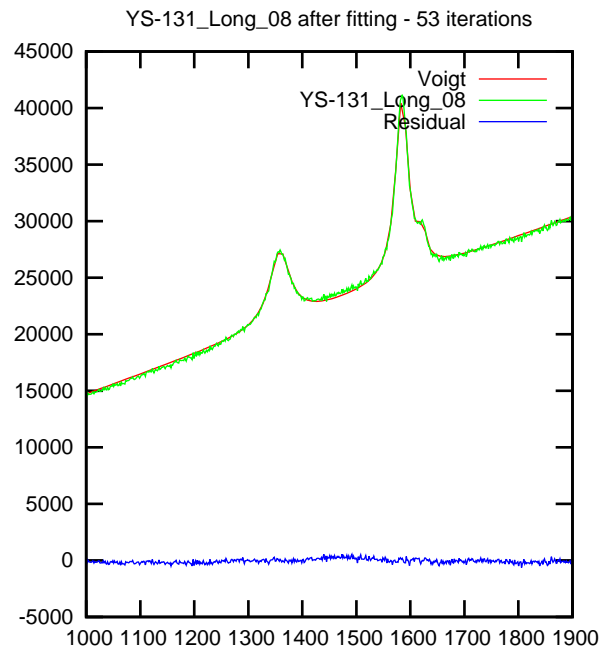
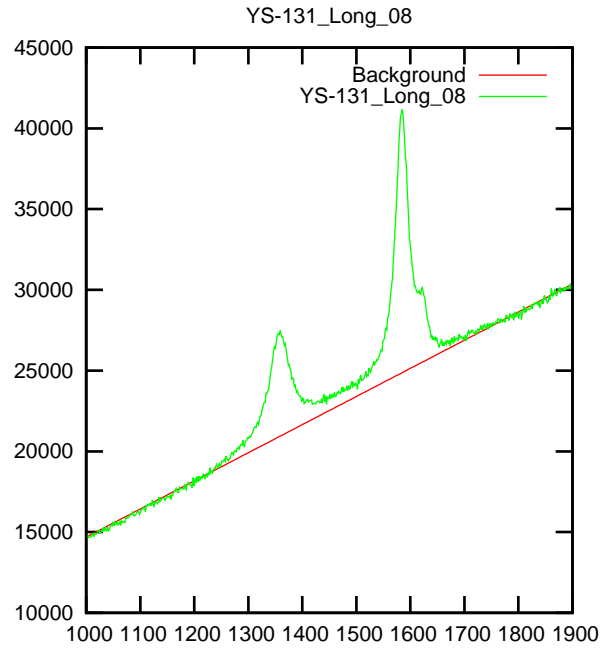


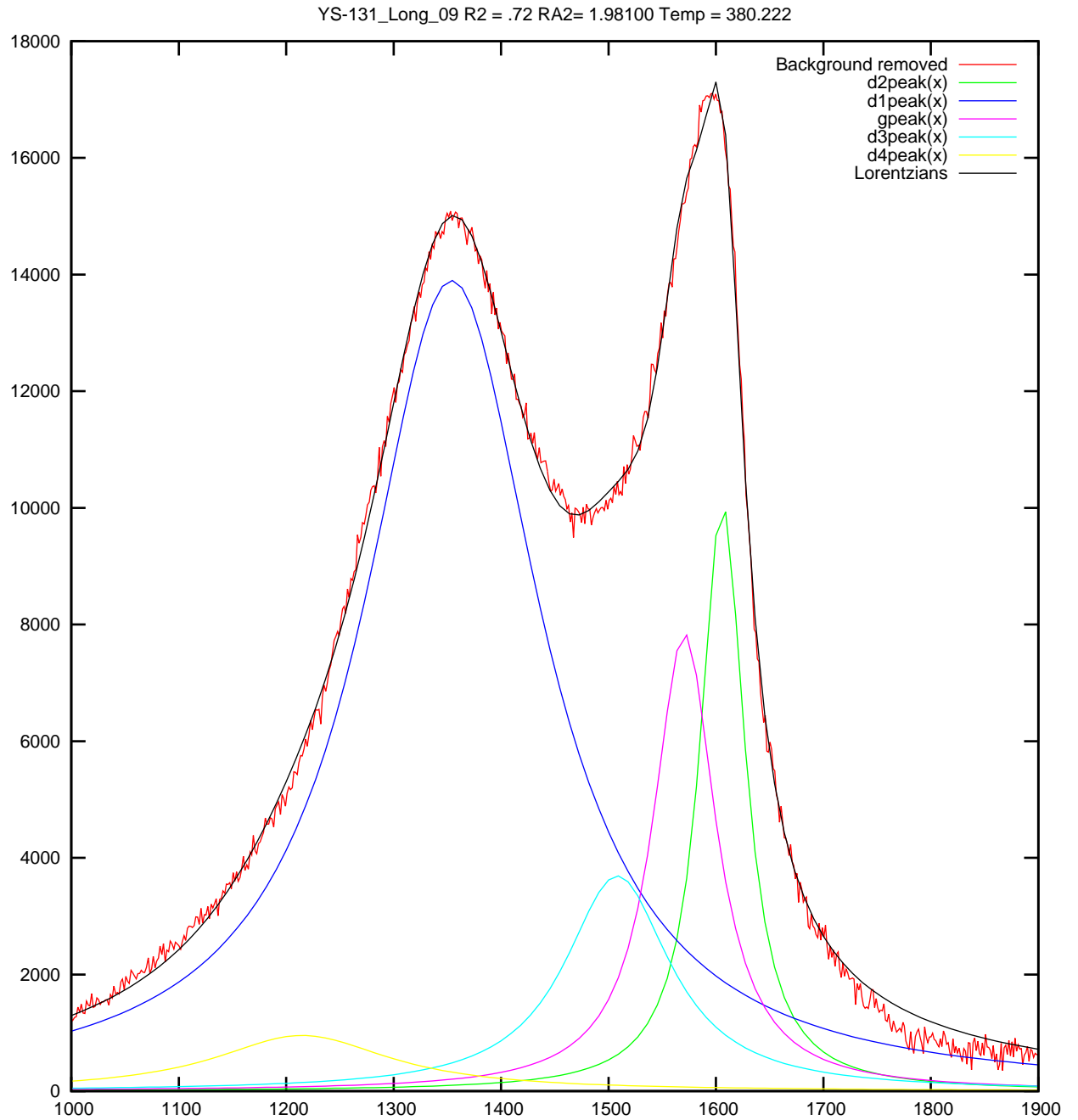
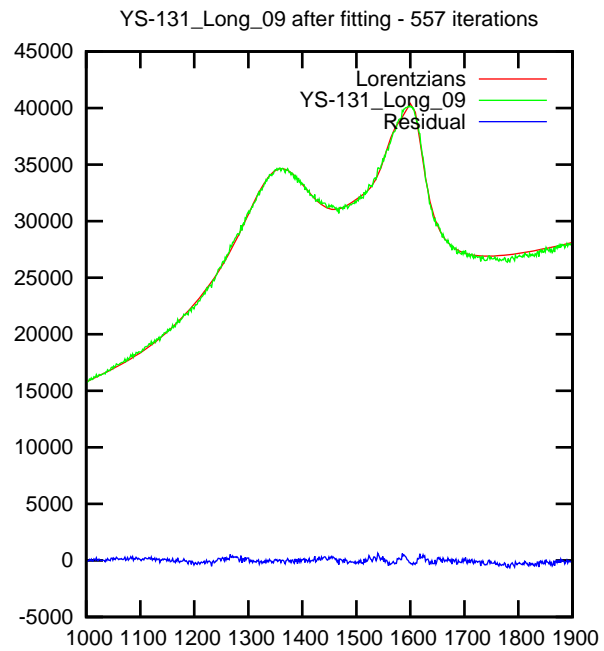
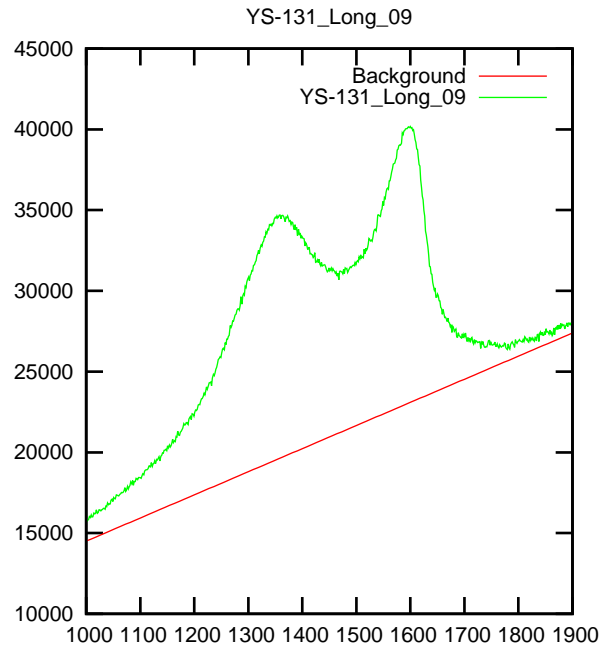


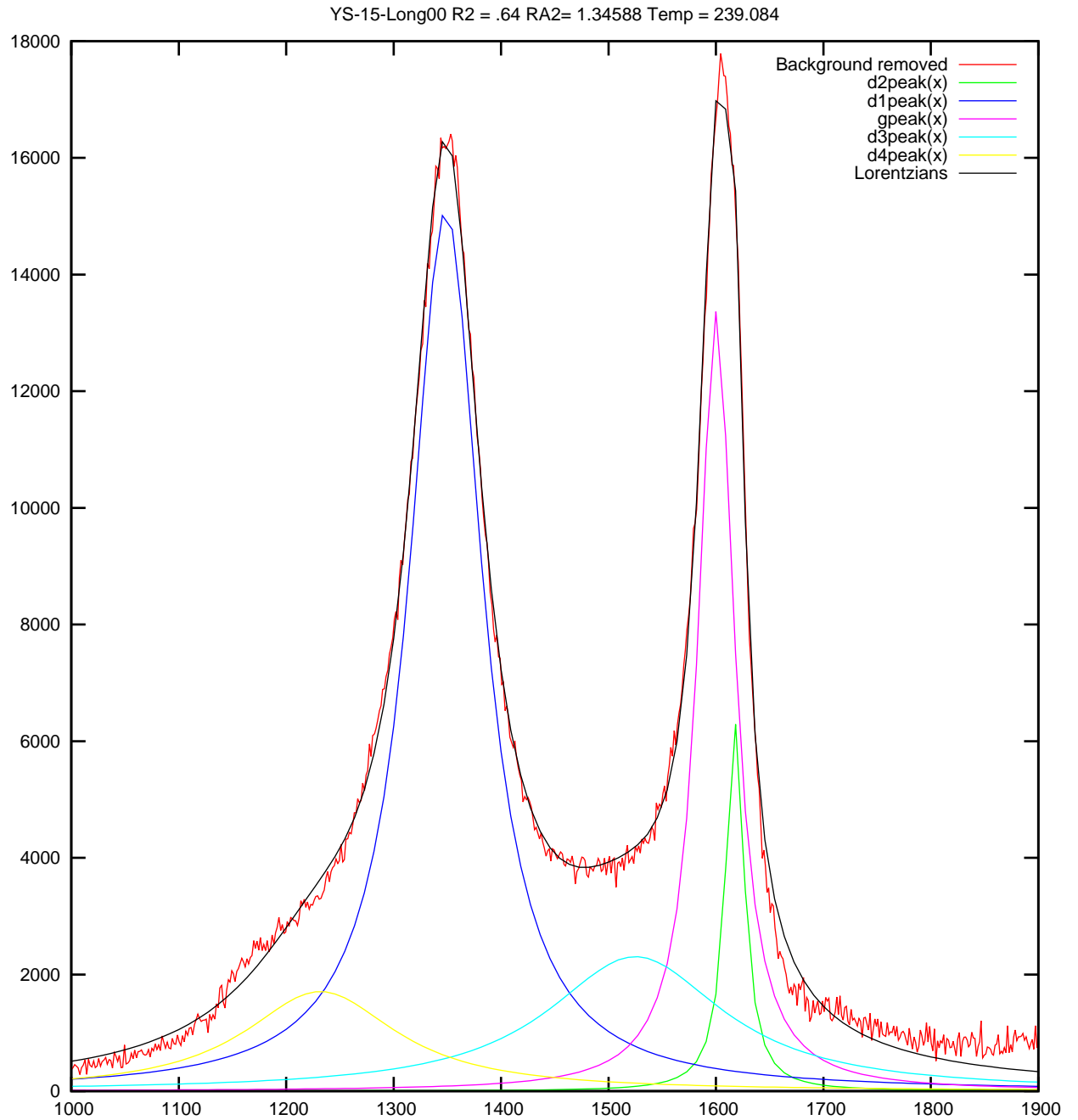
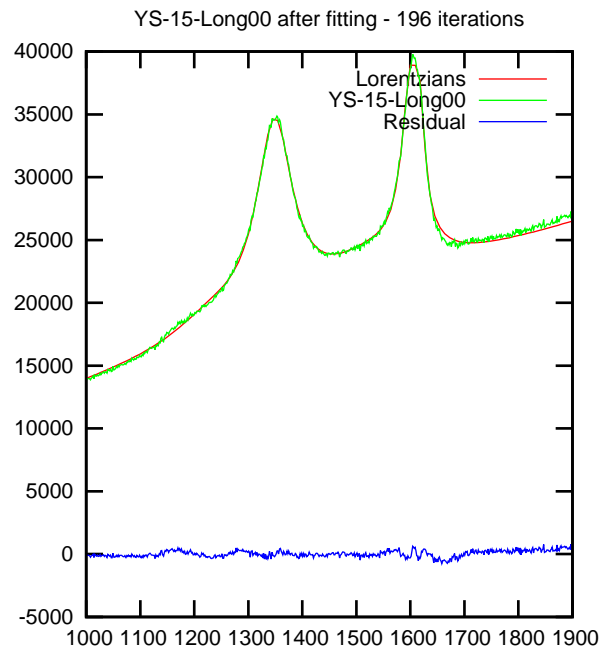
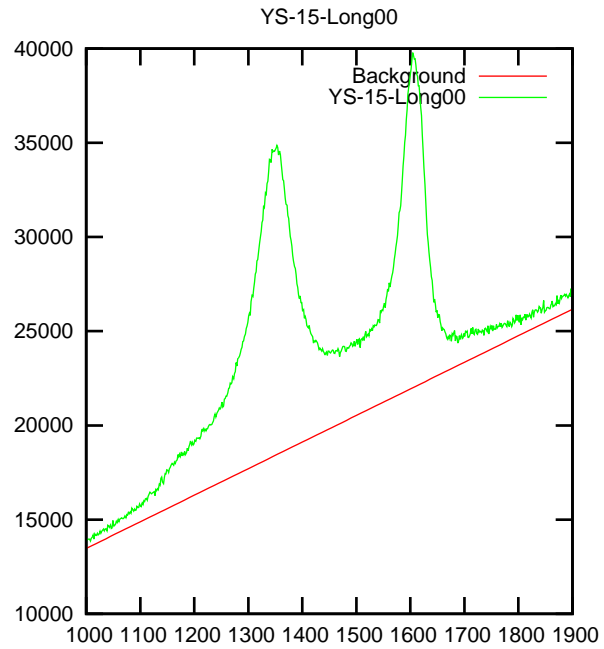


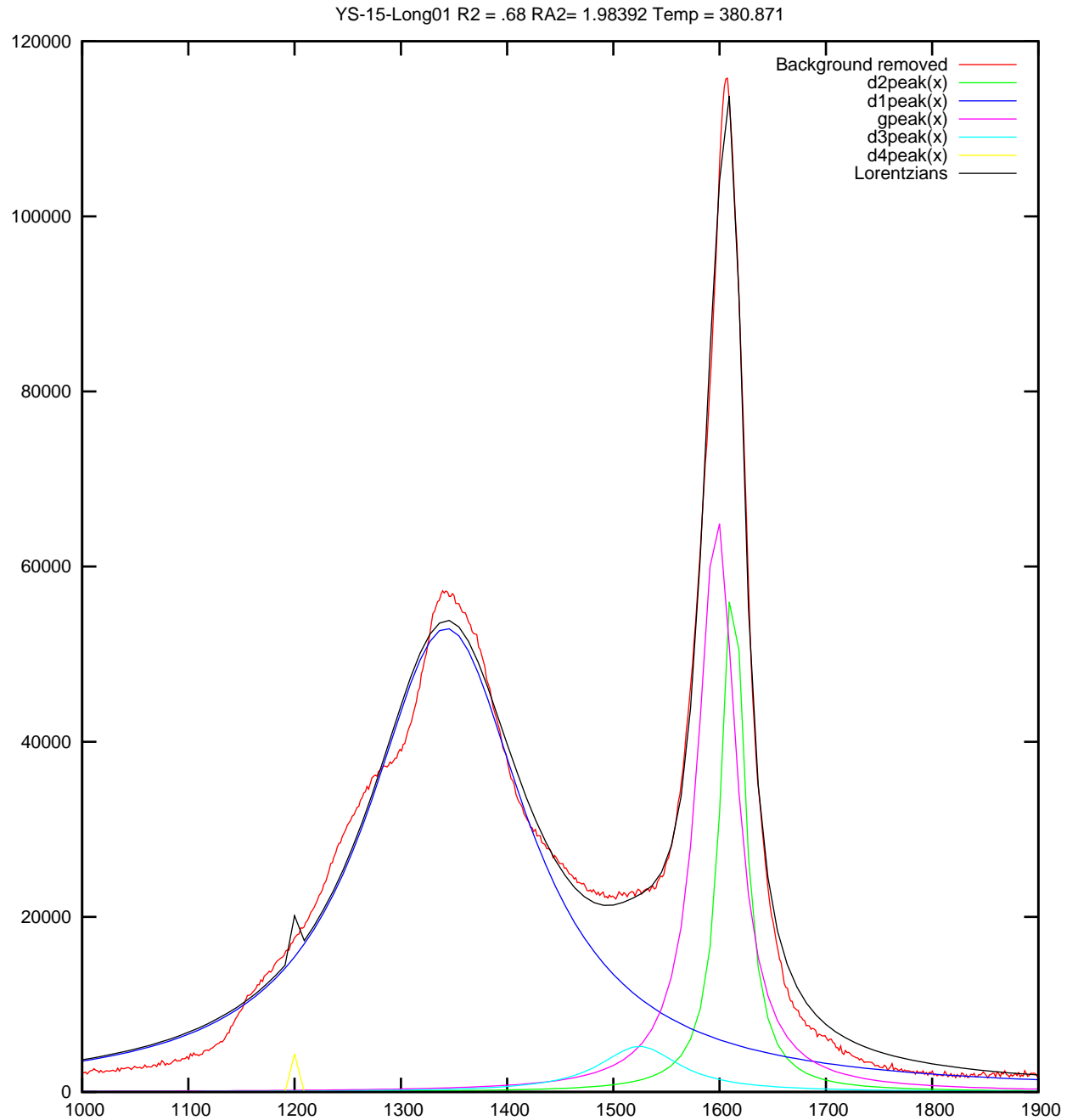
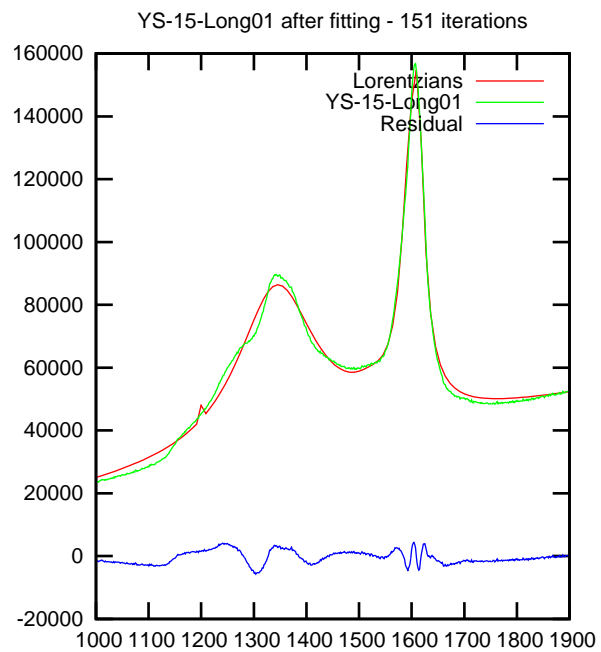
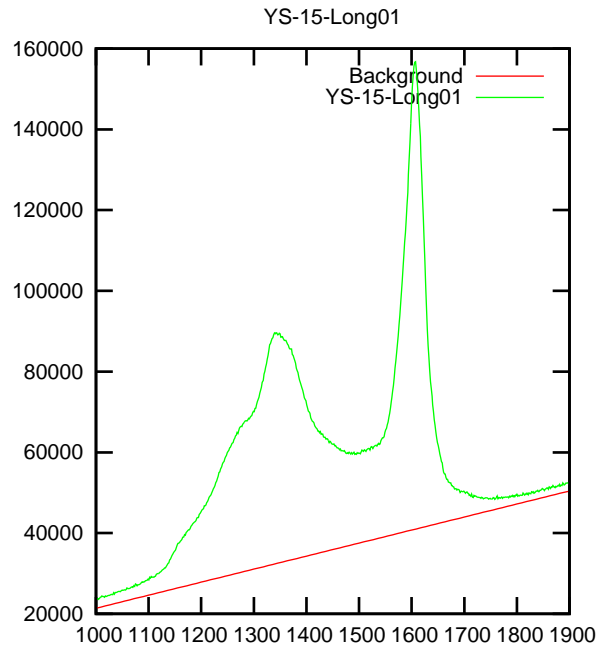


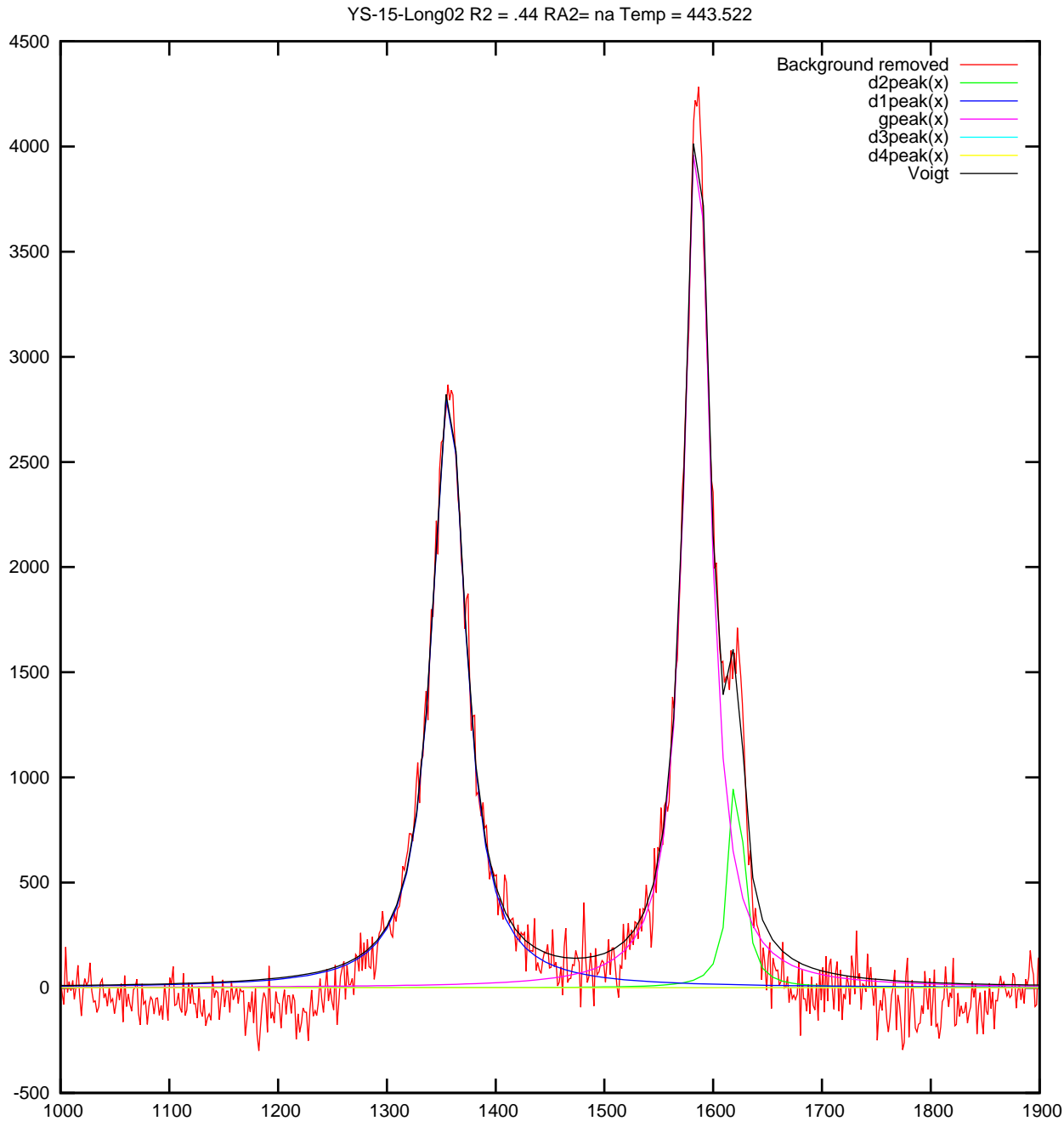
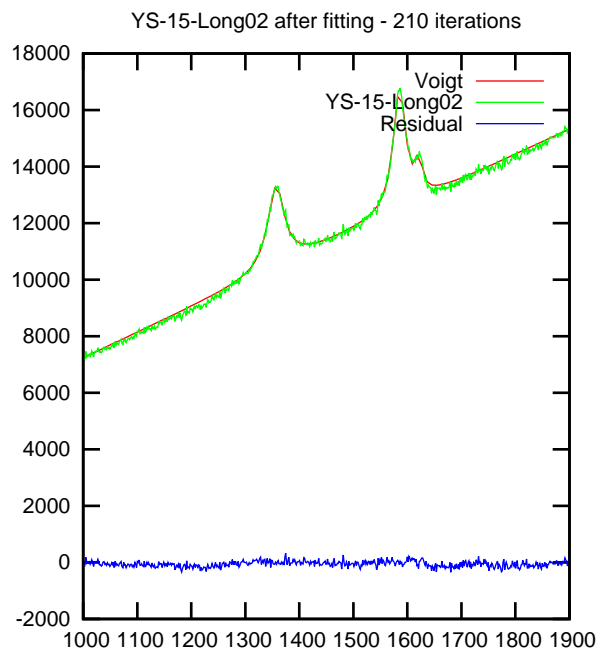
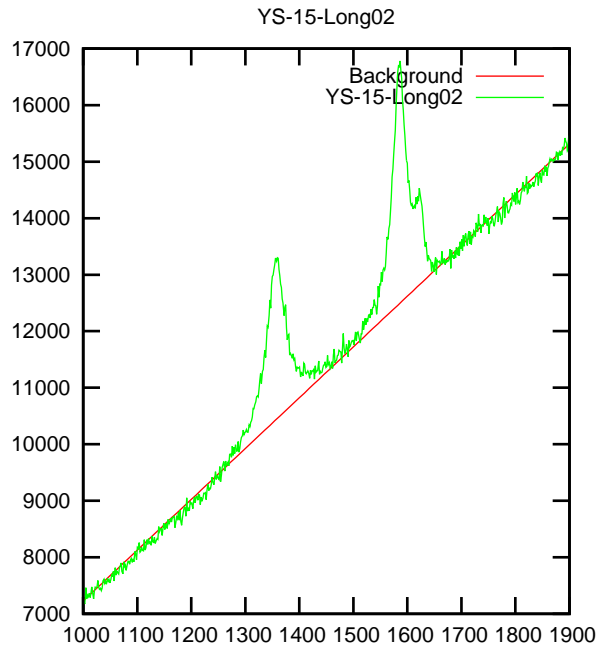


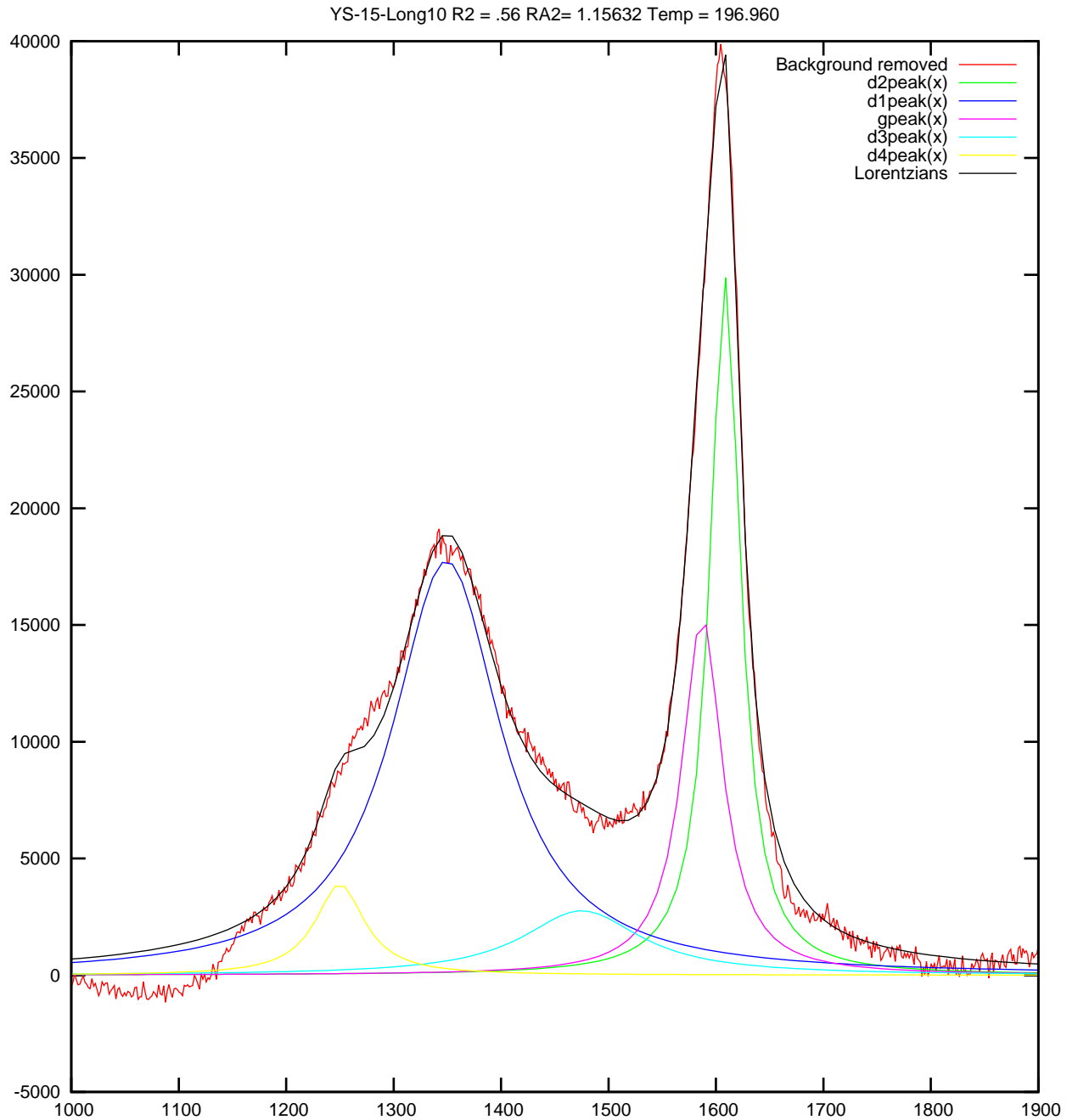
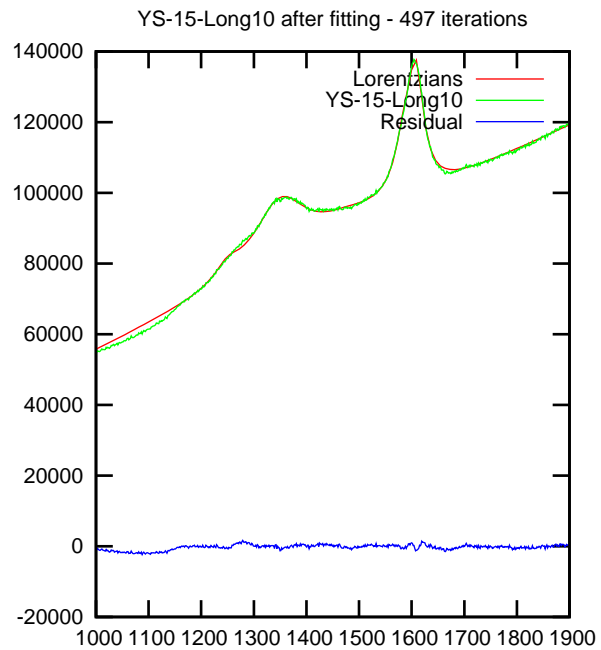
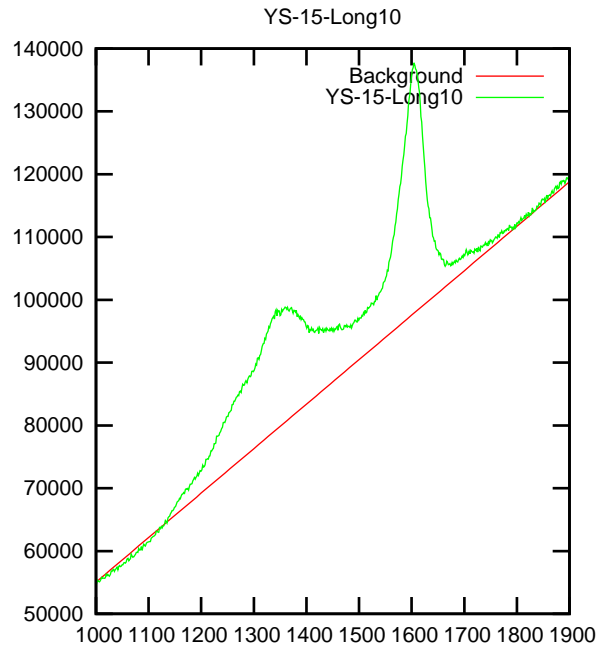


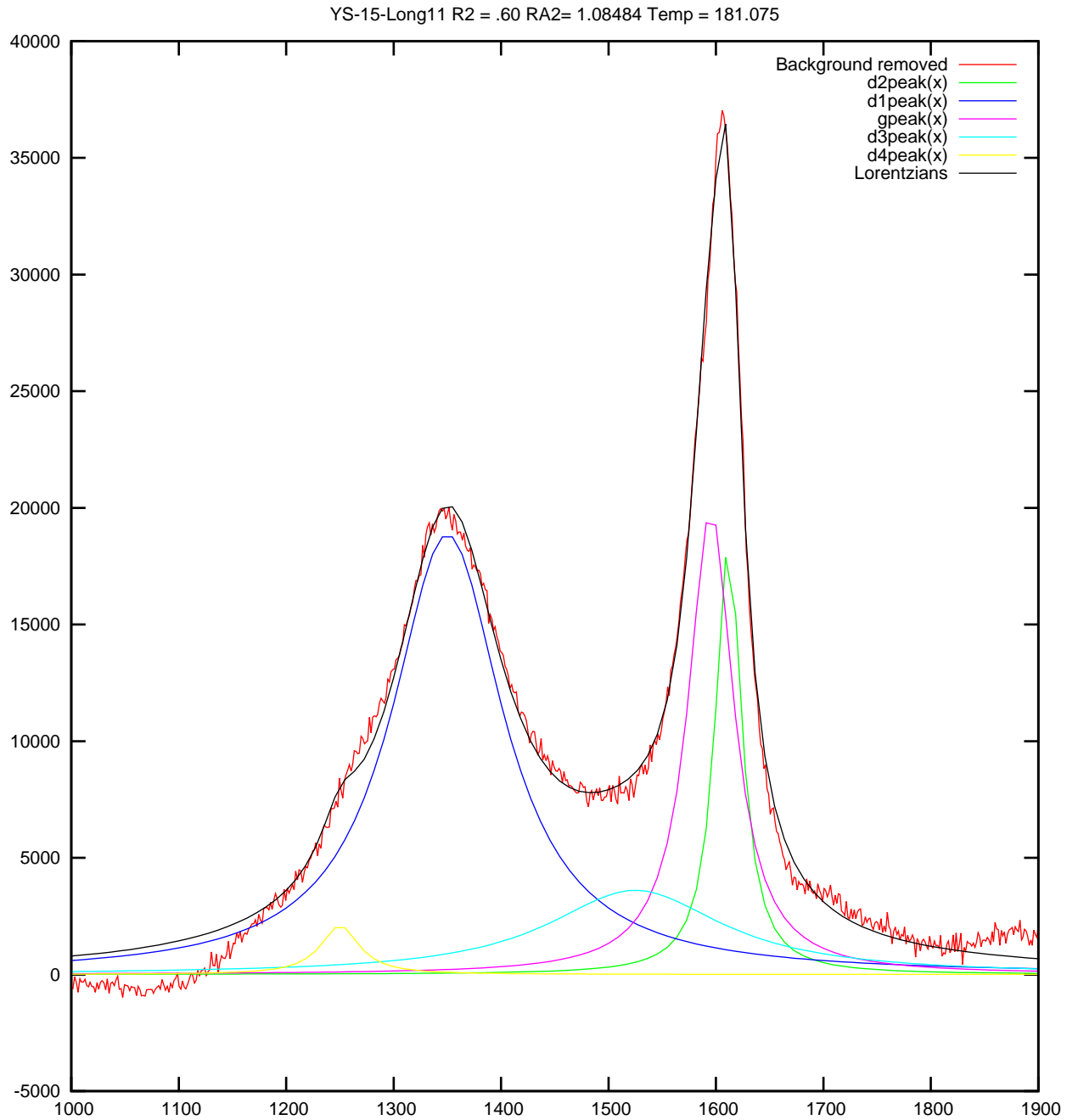
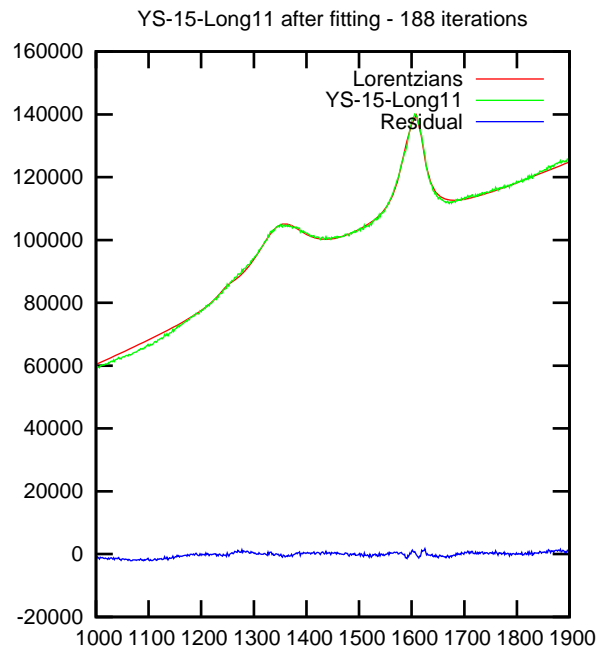
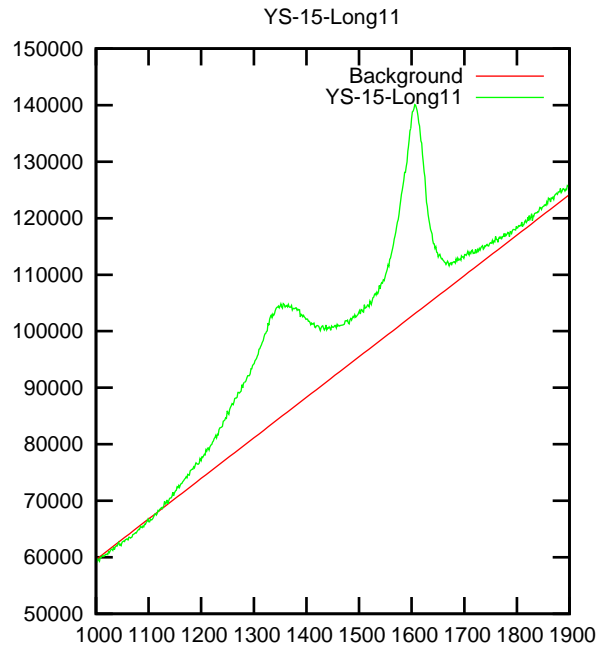


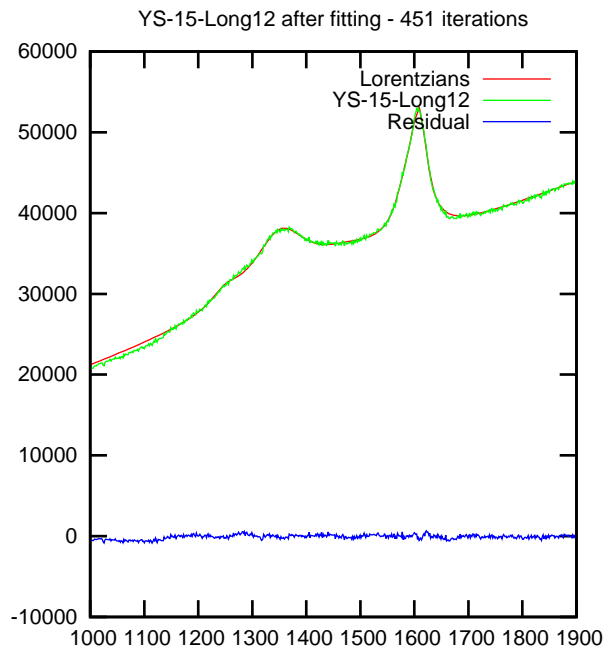
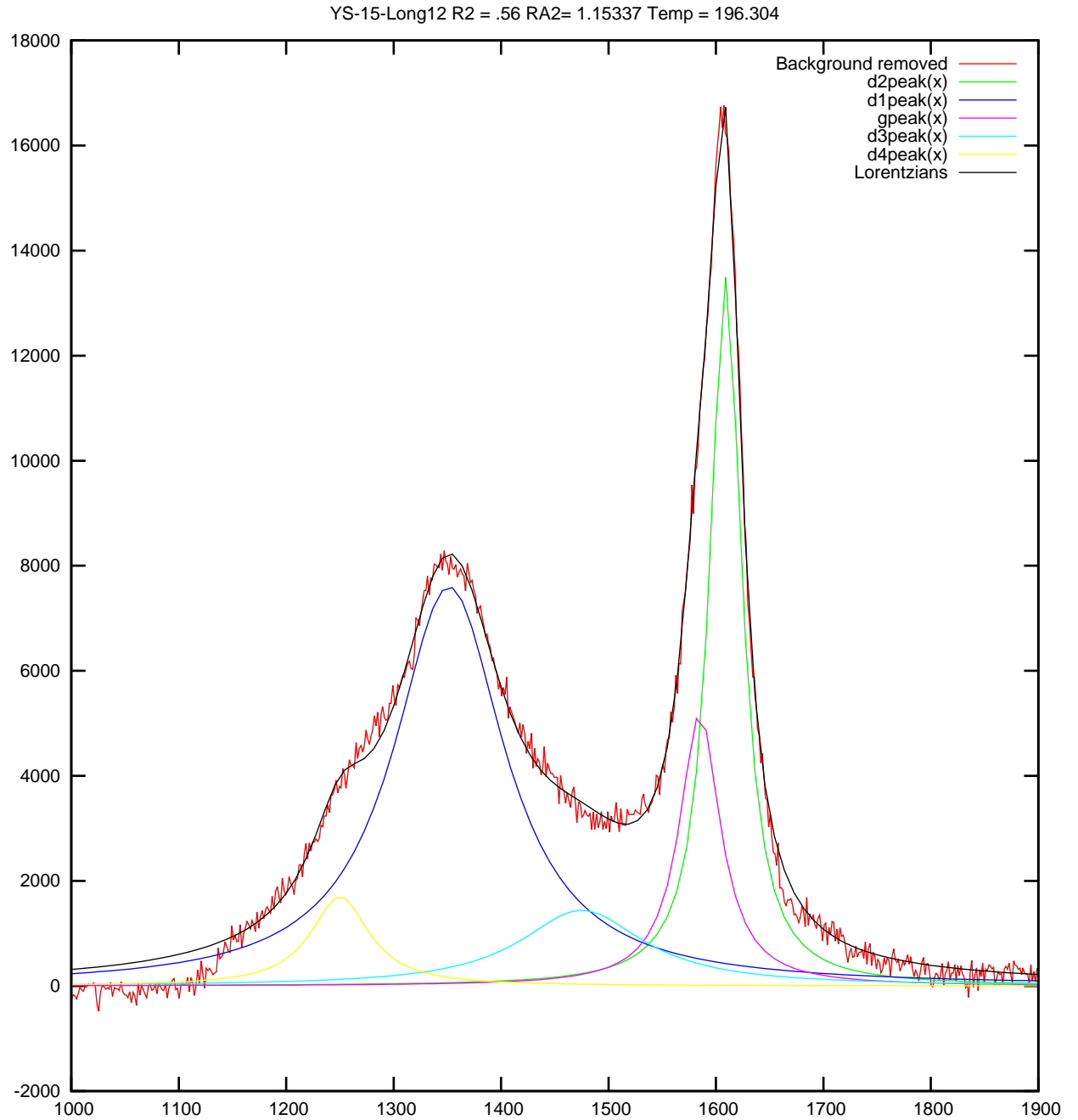
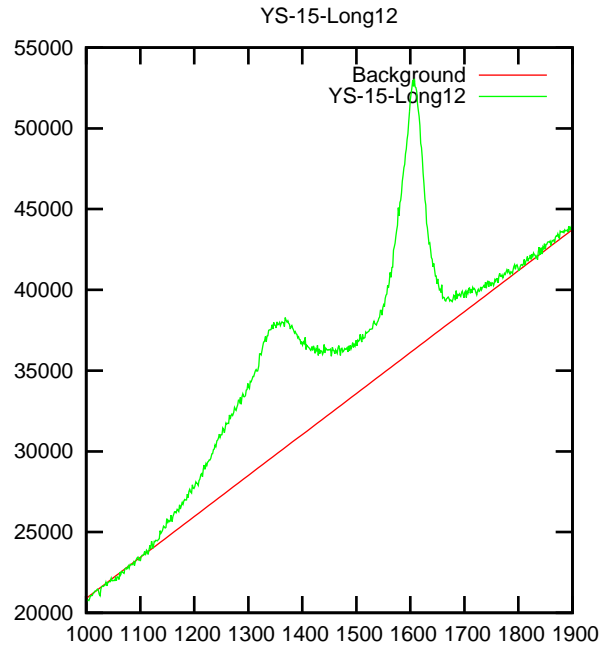




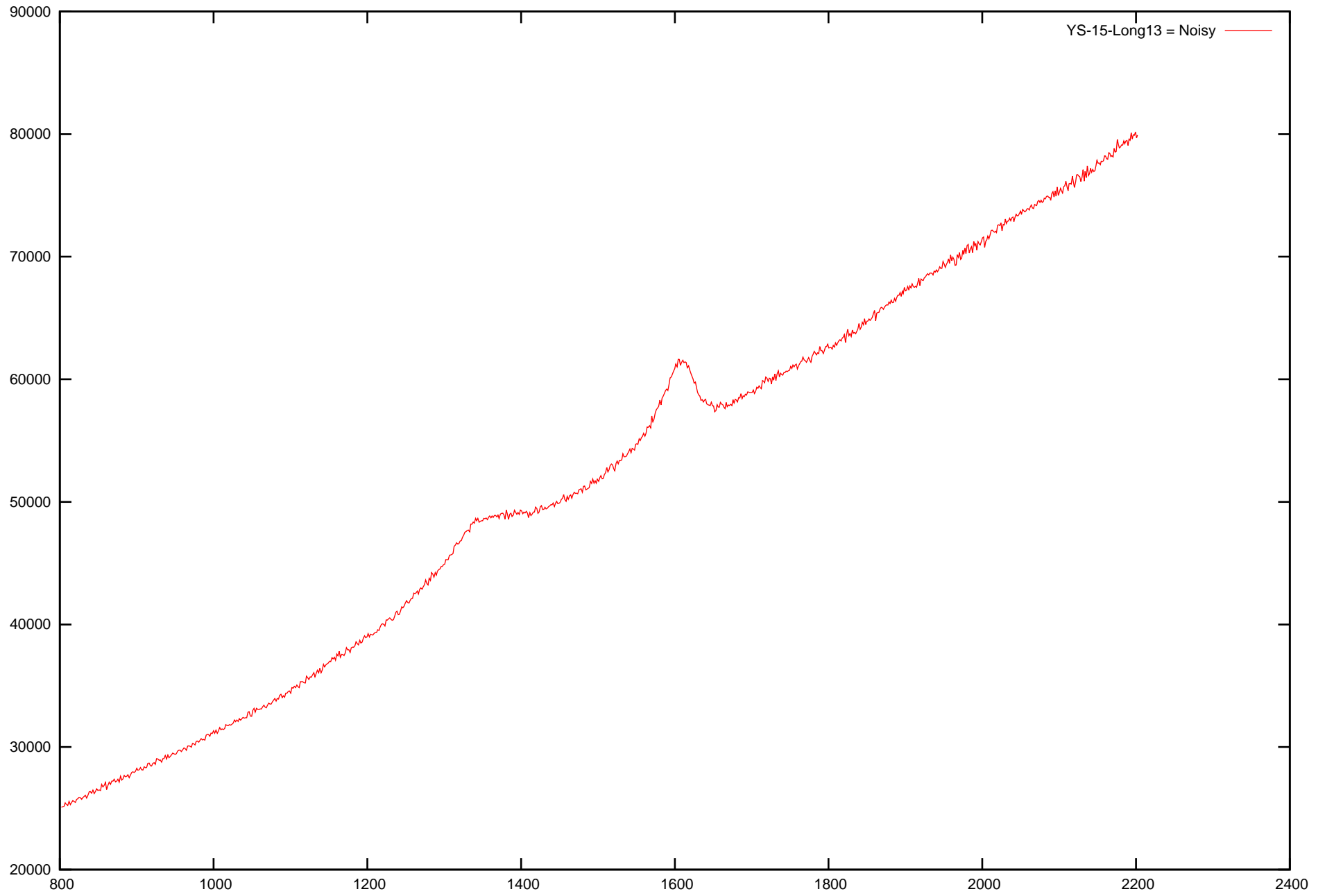




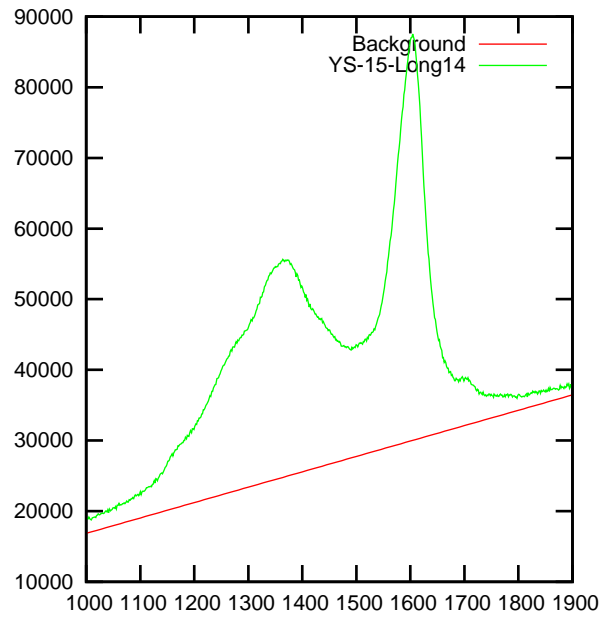




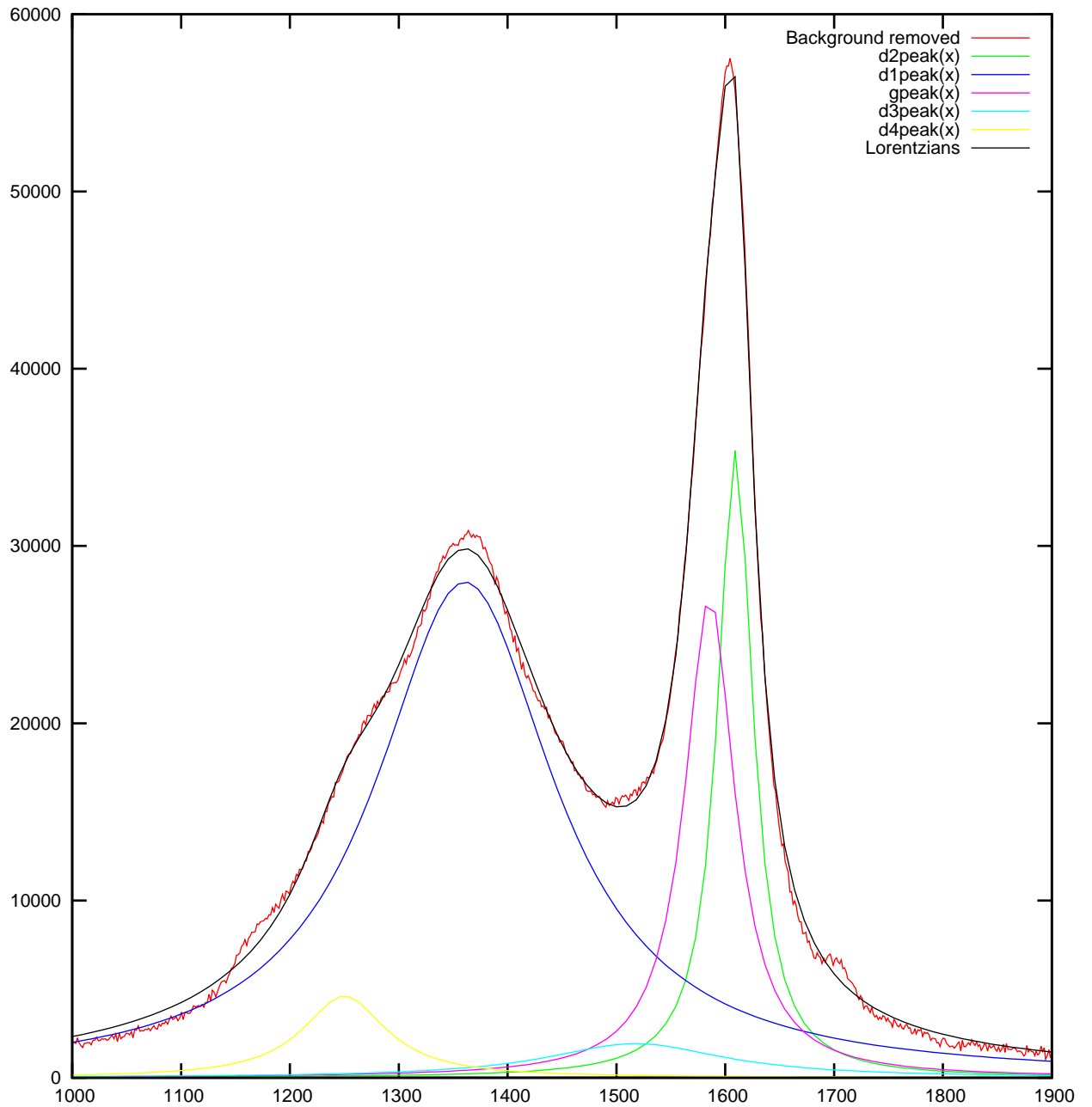
YS-15-Long13 = Noisy



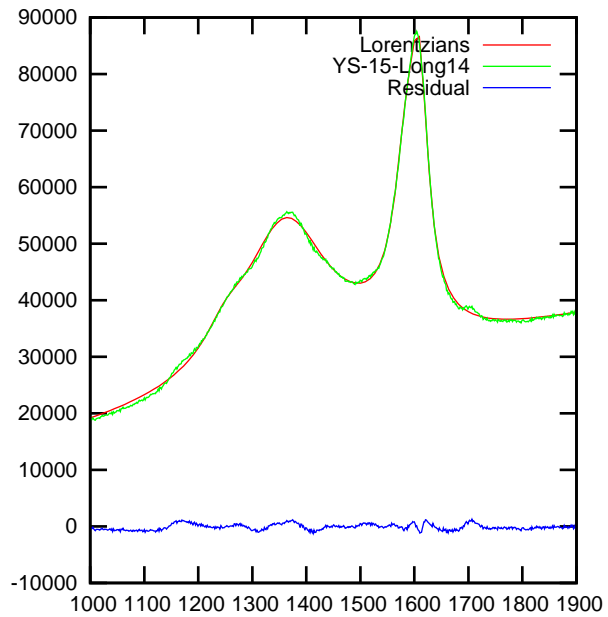
YS-15-Long14

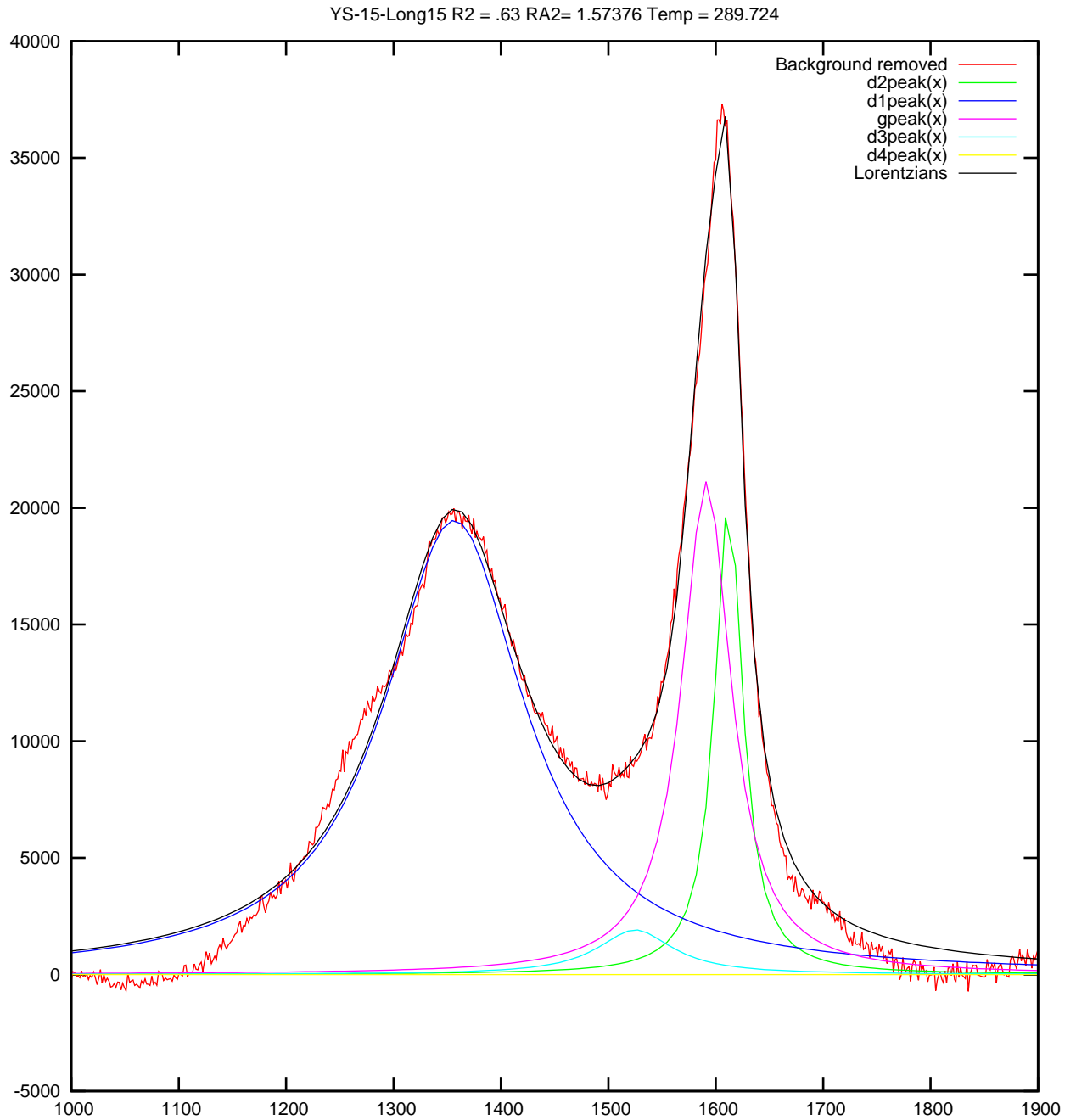
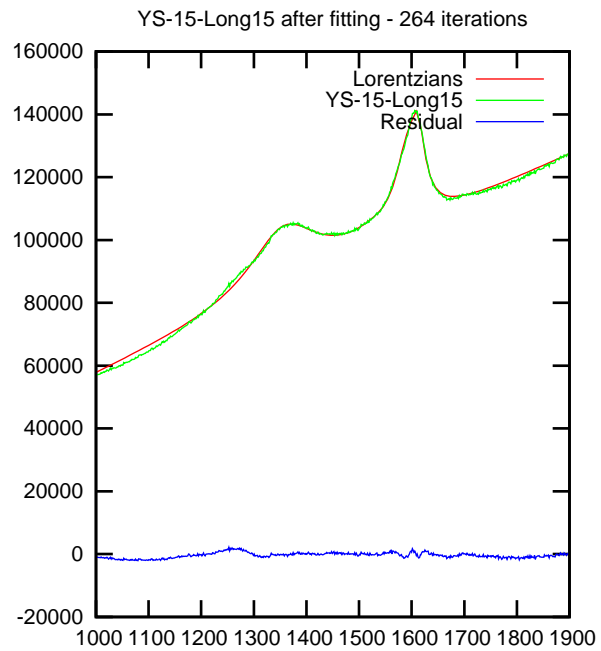
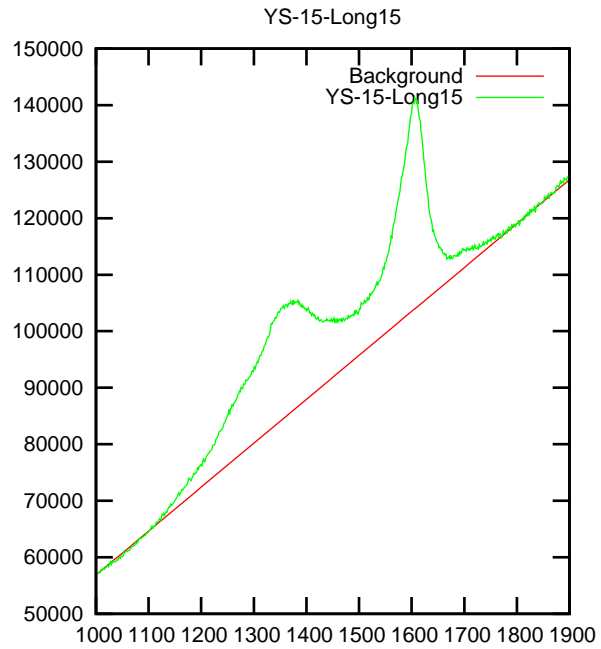


YS-15-Long14 R2 = .65 RA2= 1.82964 Temp = 346.586

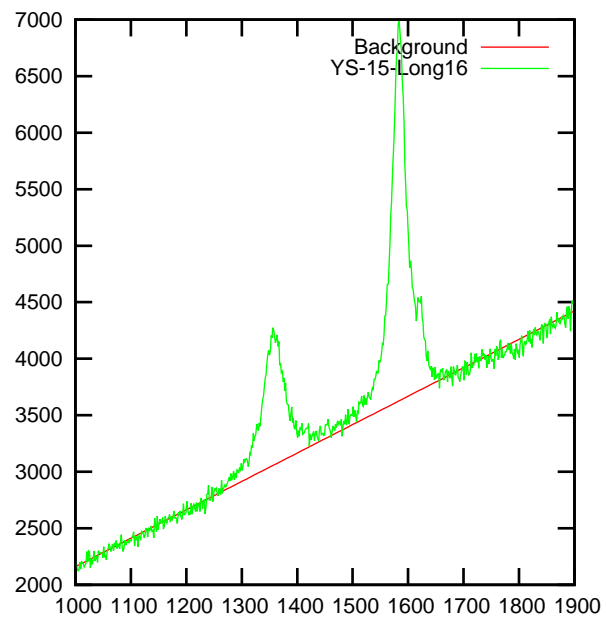


YS-15-Long14 after fitting - 922 iterations

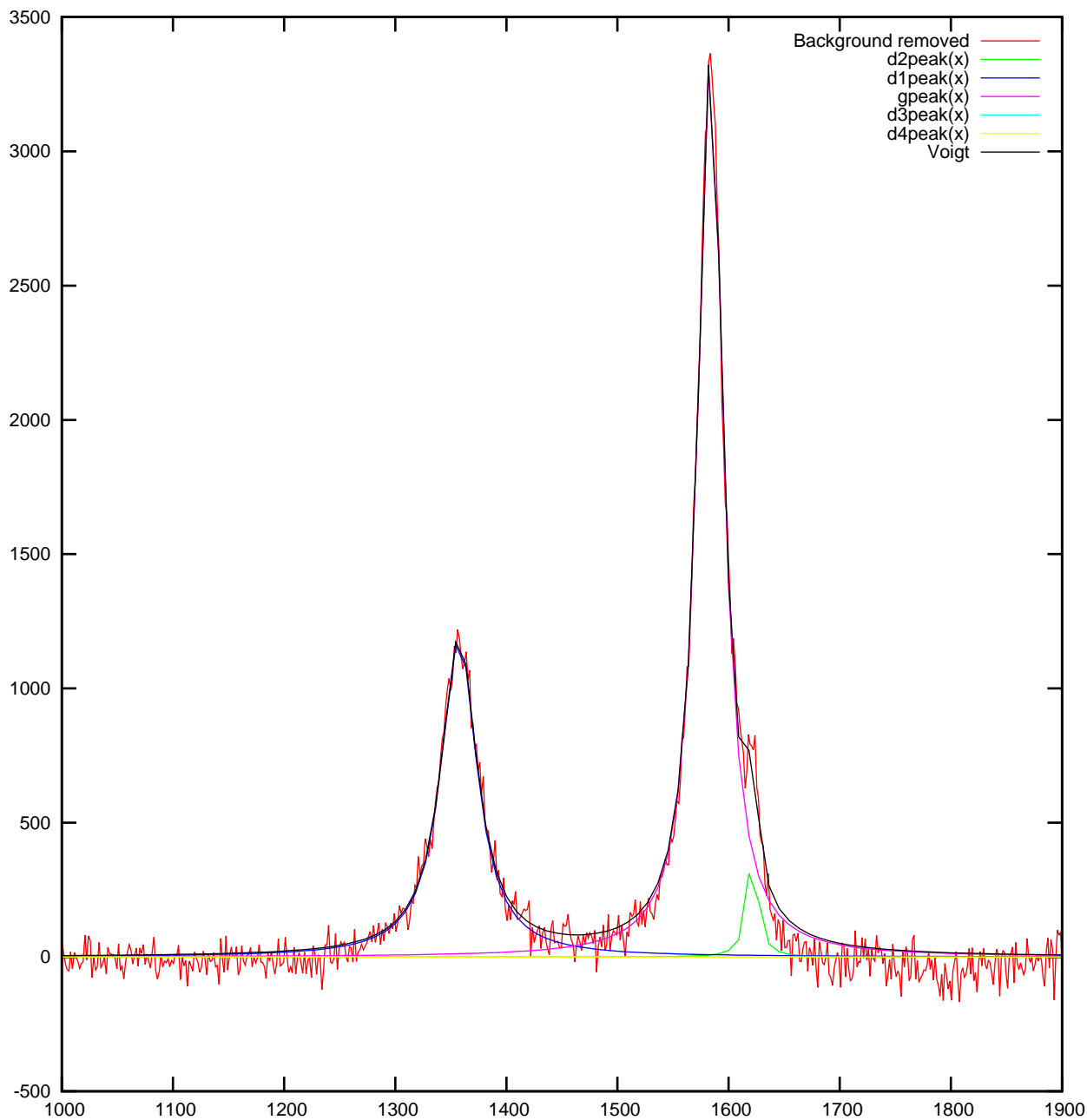




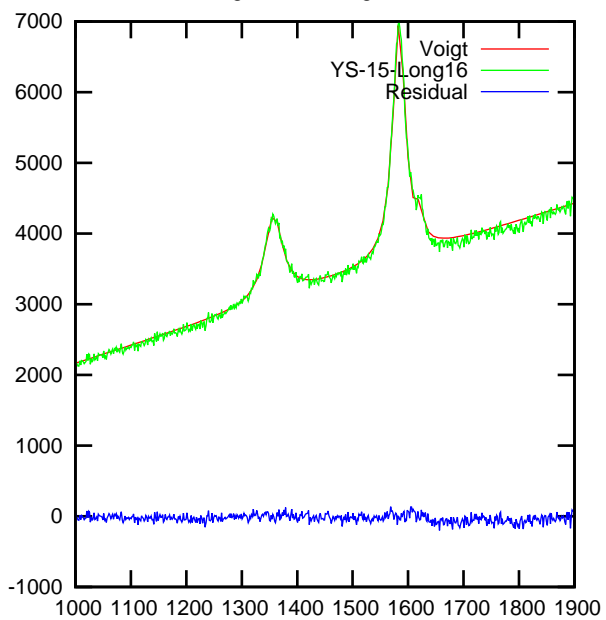
YS-15-Long16



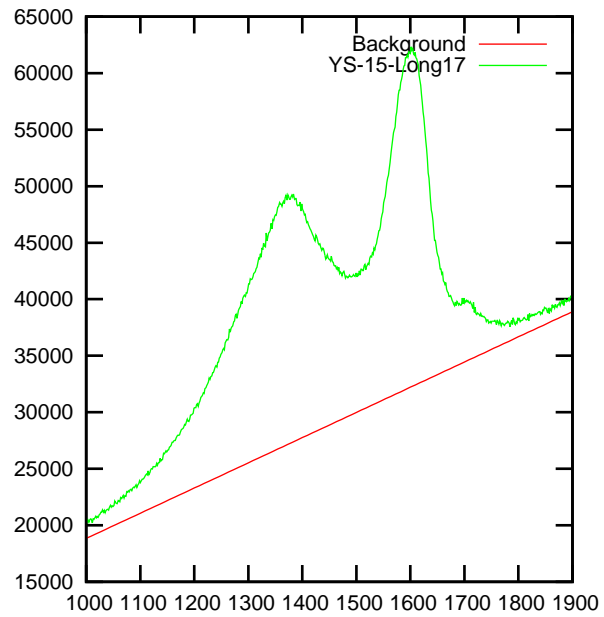
YS-15-Long16 R2 = .32 RA2= na Temp = 496.081



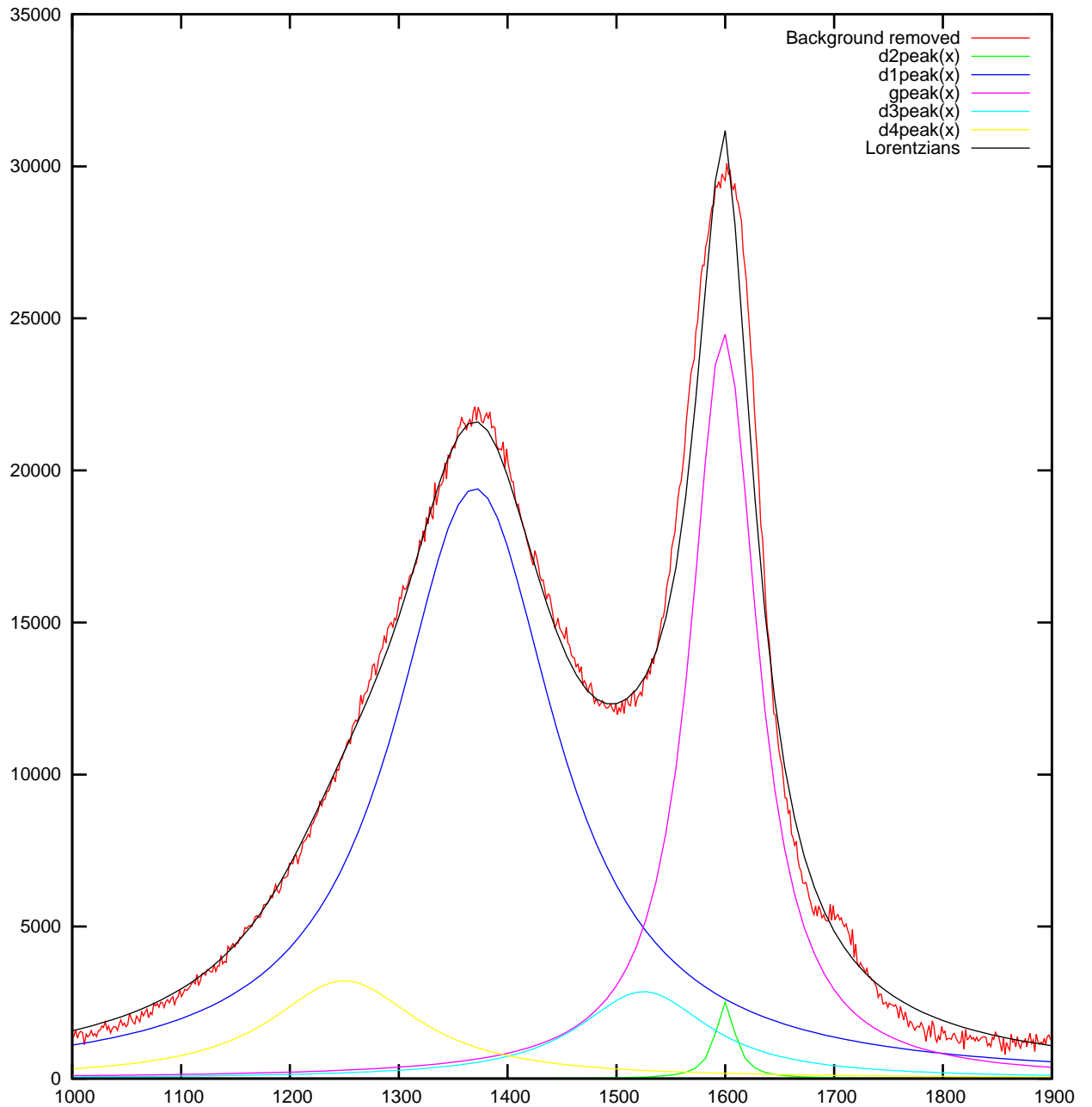
YS-15-Long16 after fitting - 171 iterations



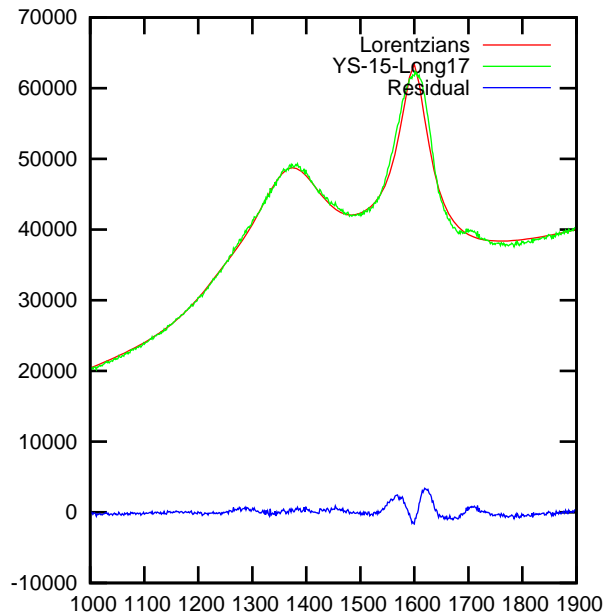
YS-15-Long17

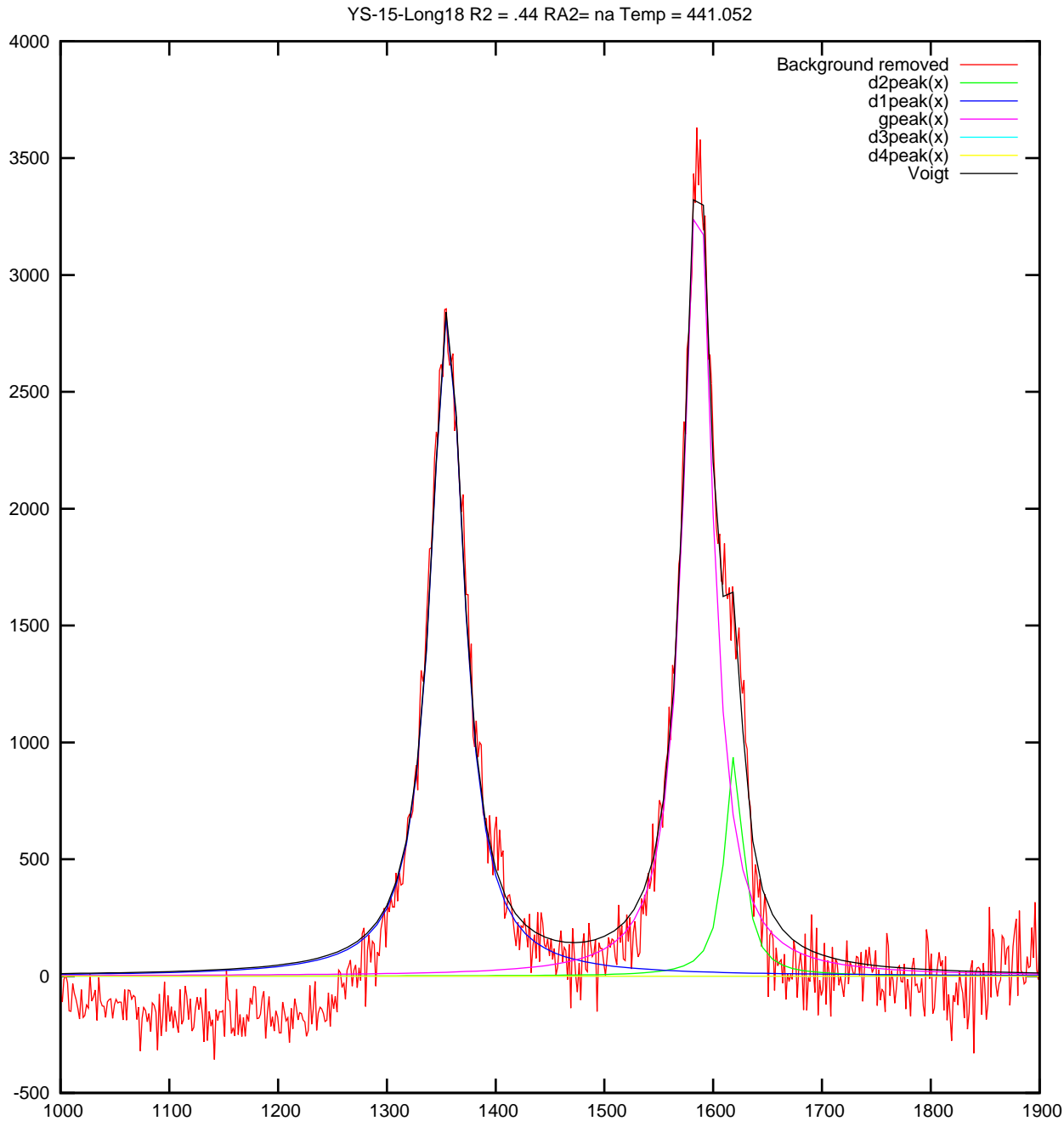
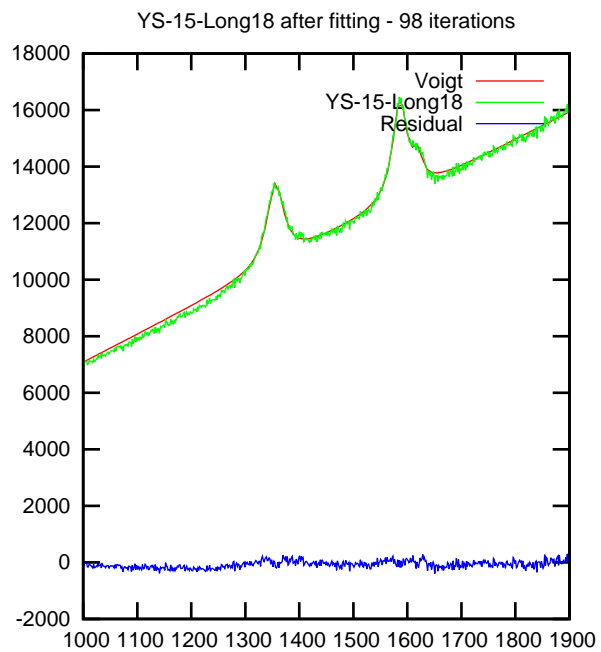
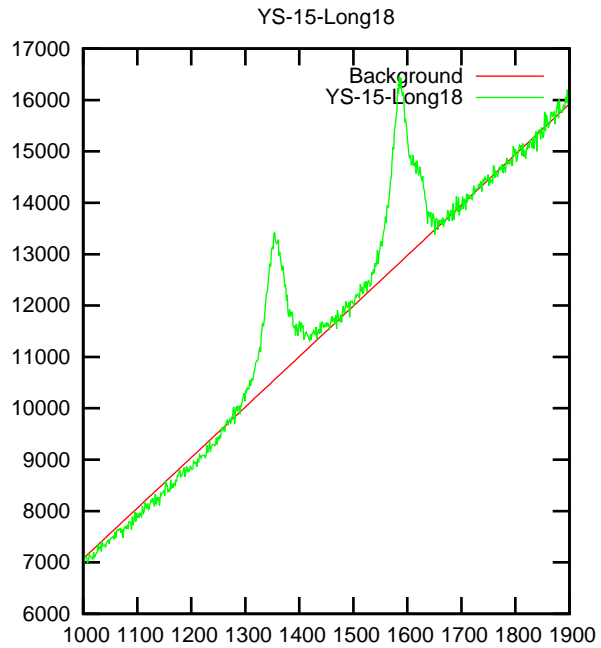


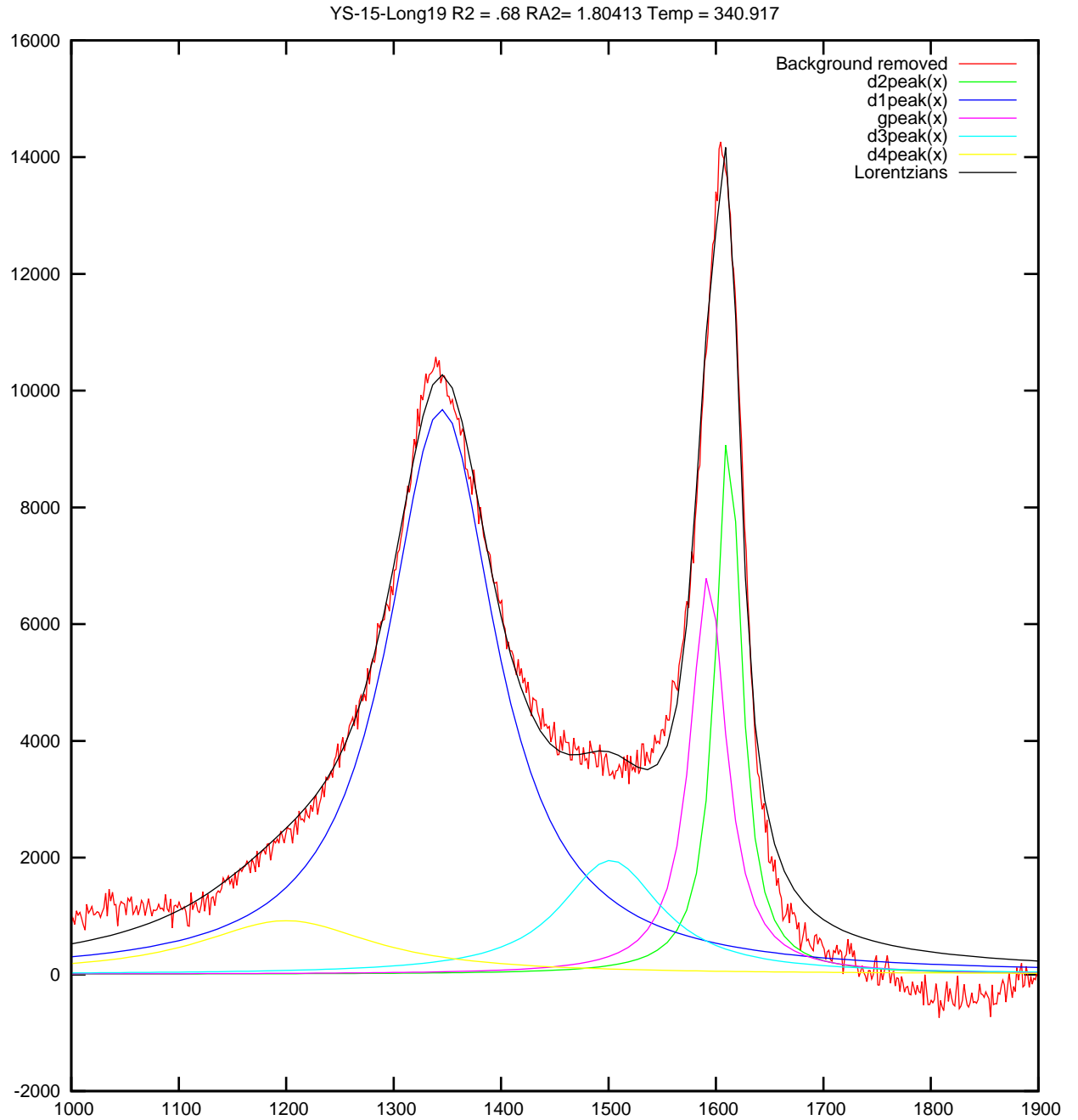
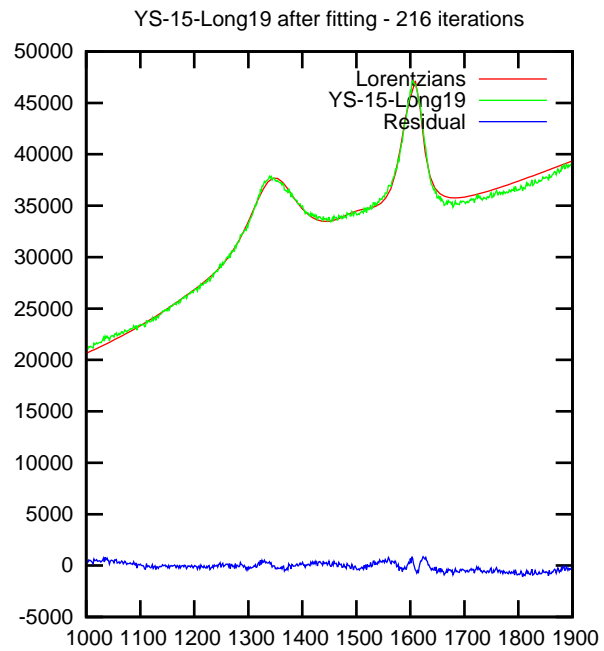
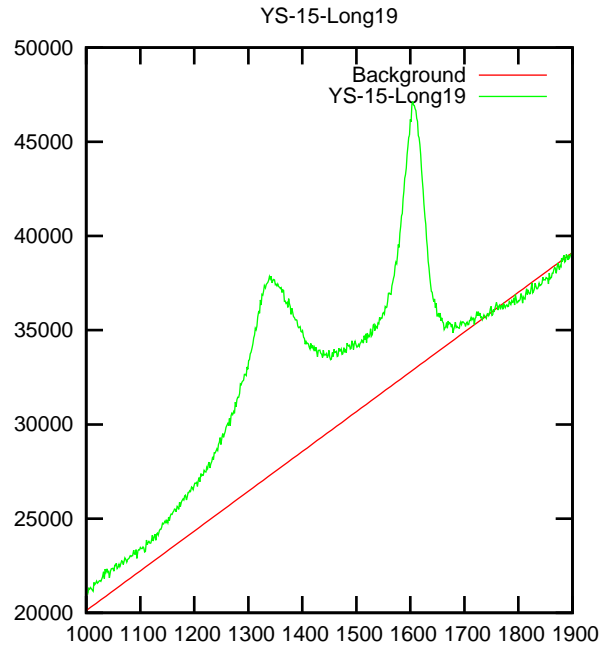
YS-15-Long17 R2 = .65 RA2= 1.76375 Temp = 331.944

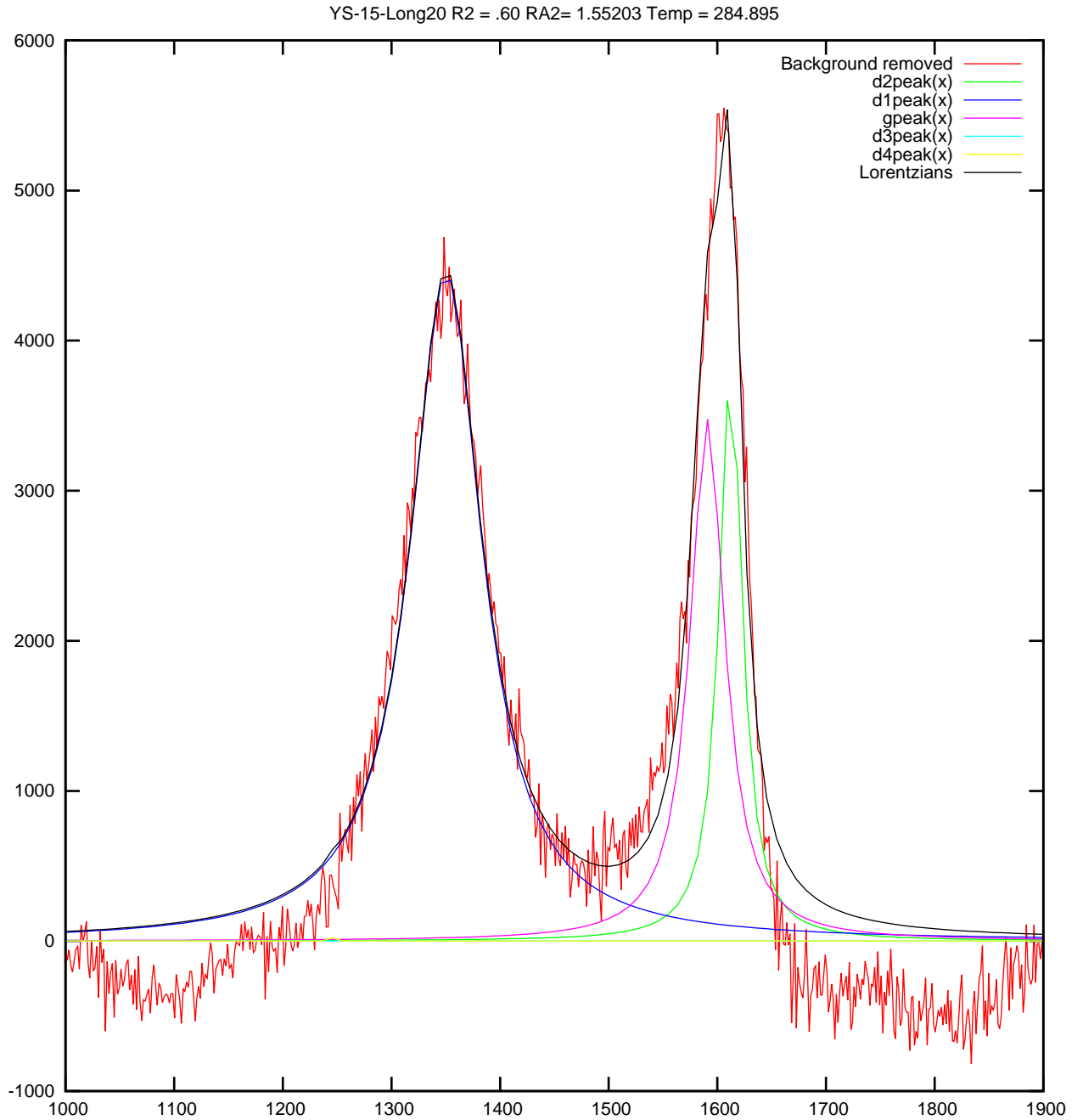
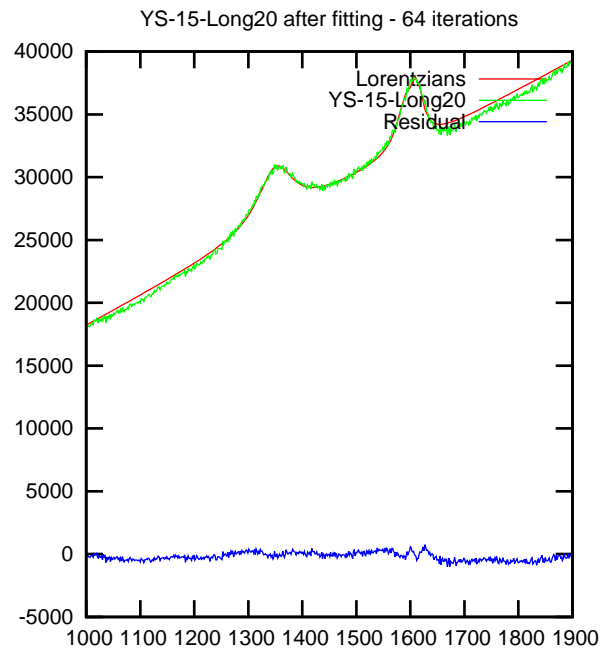
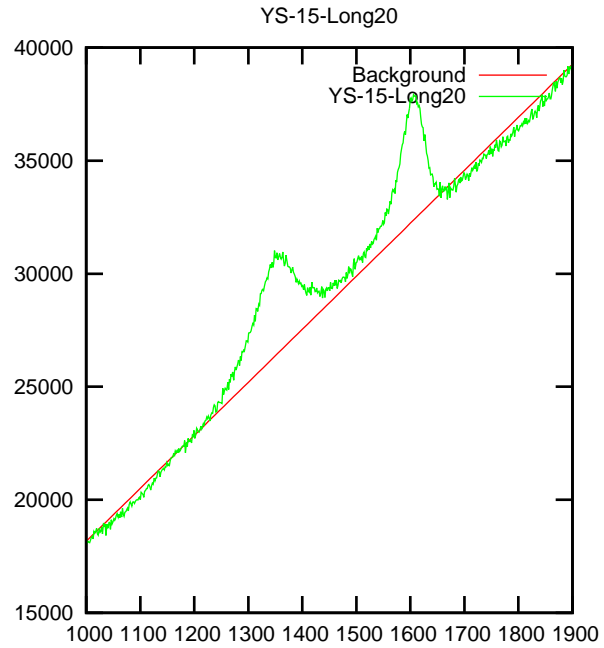


YS-15-Long17 after fitting - 10000+ iterations

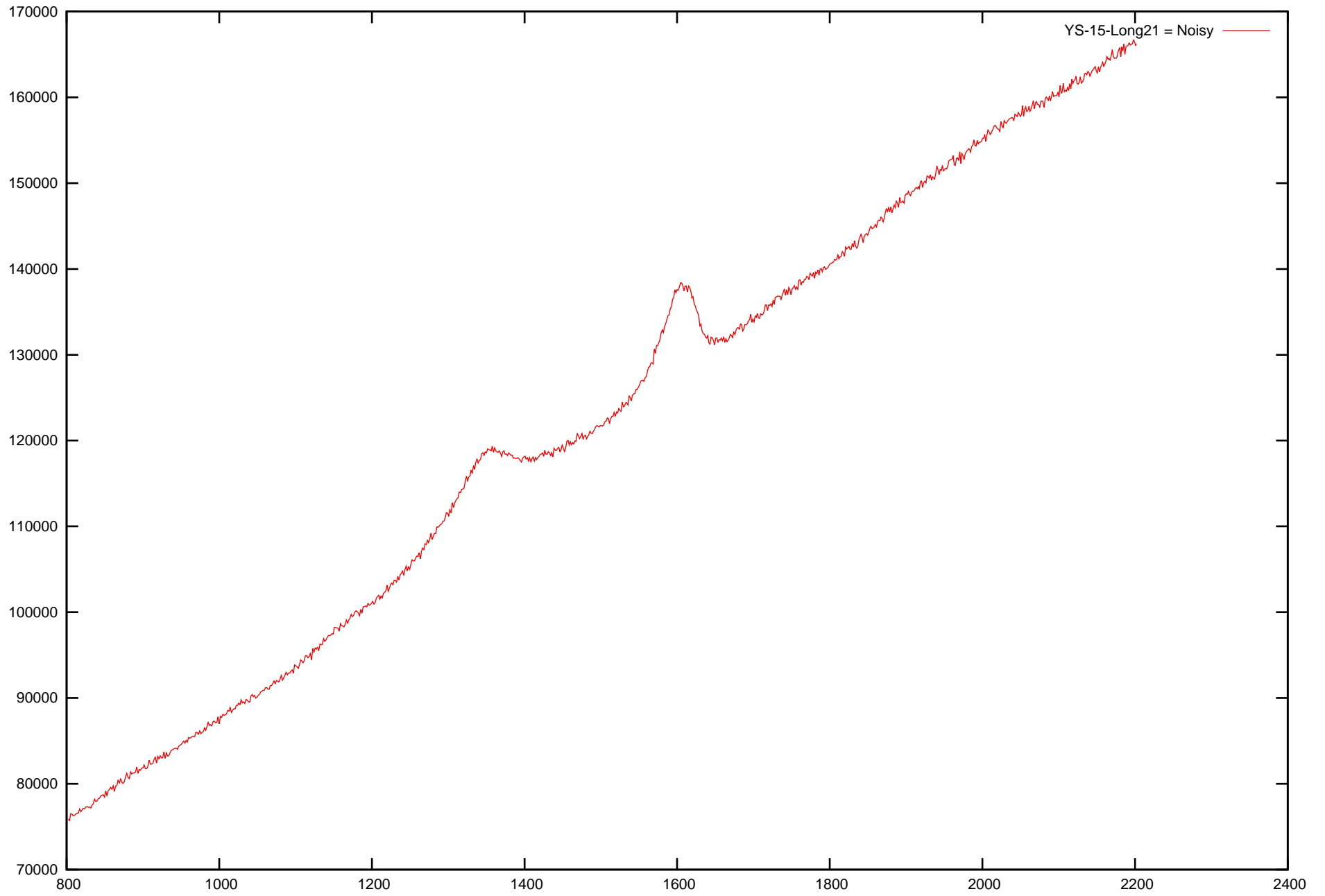


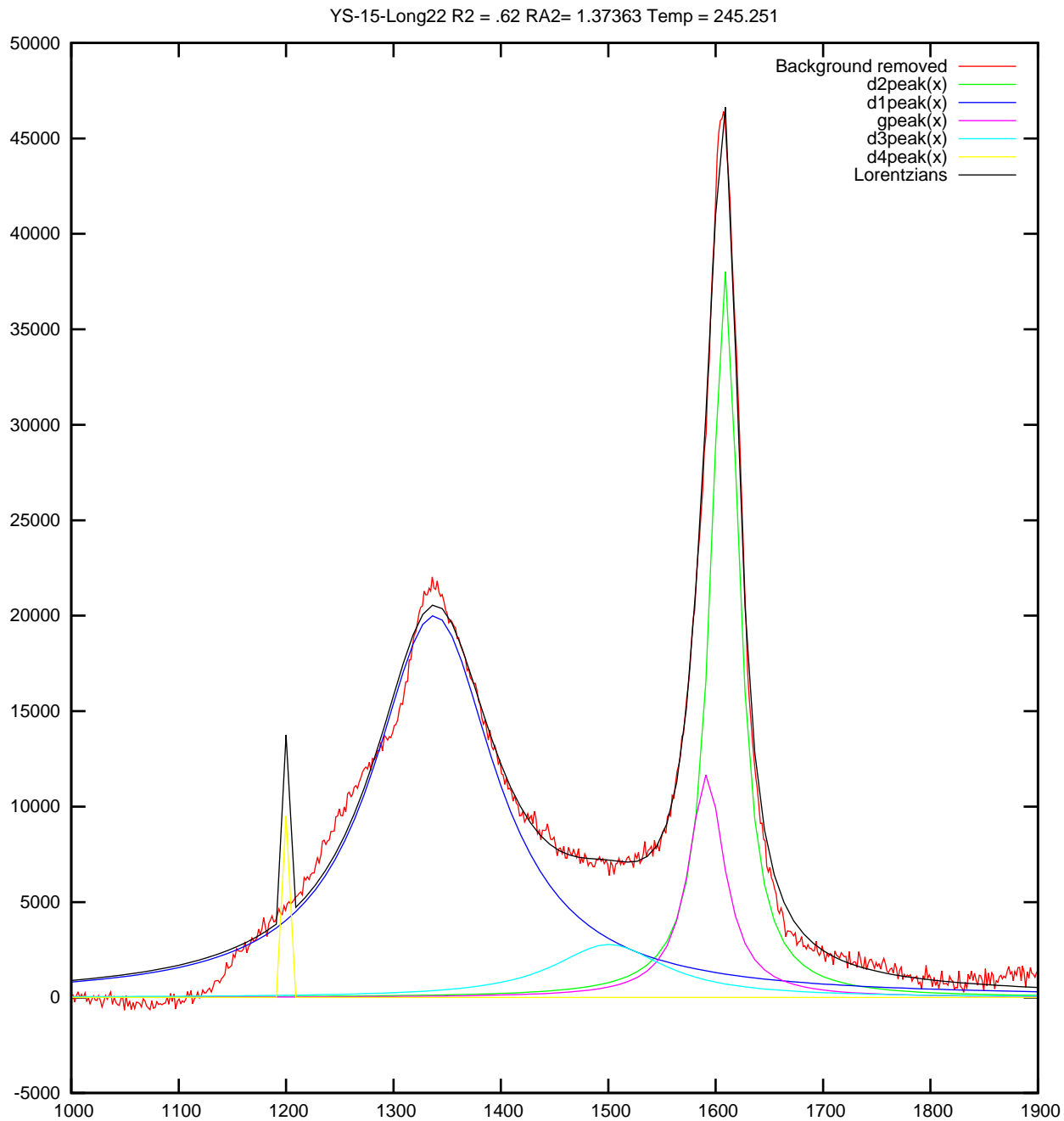
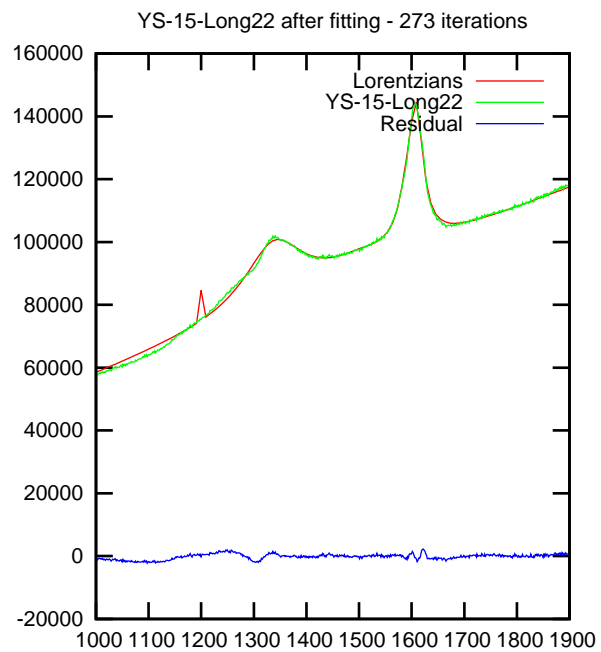
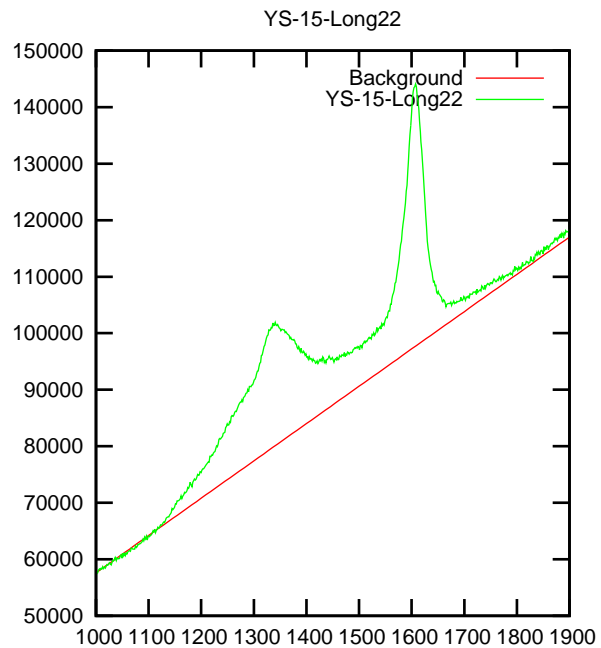


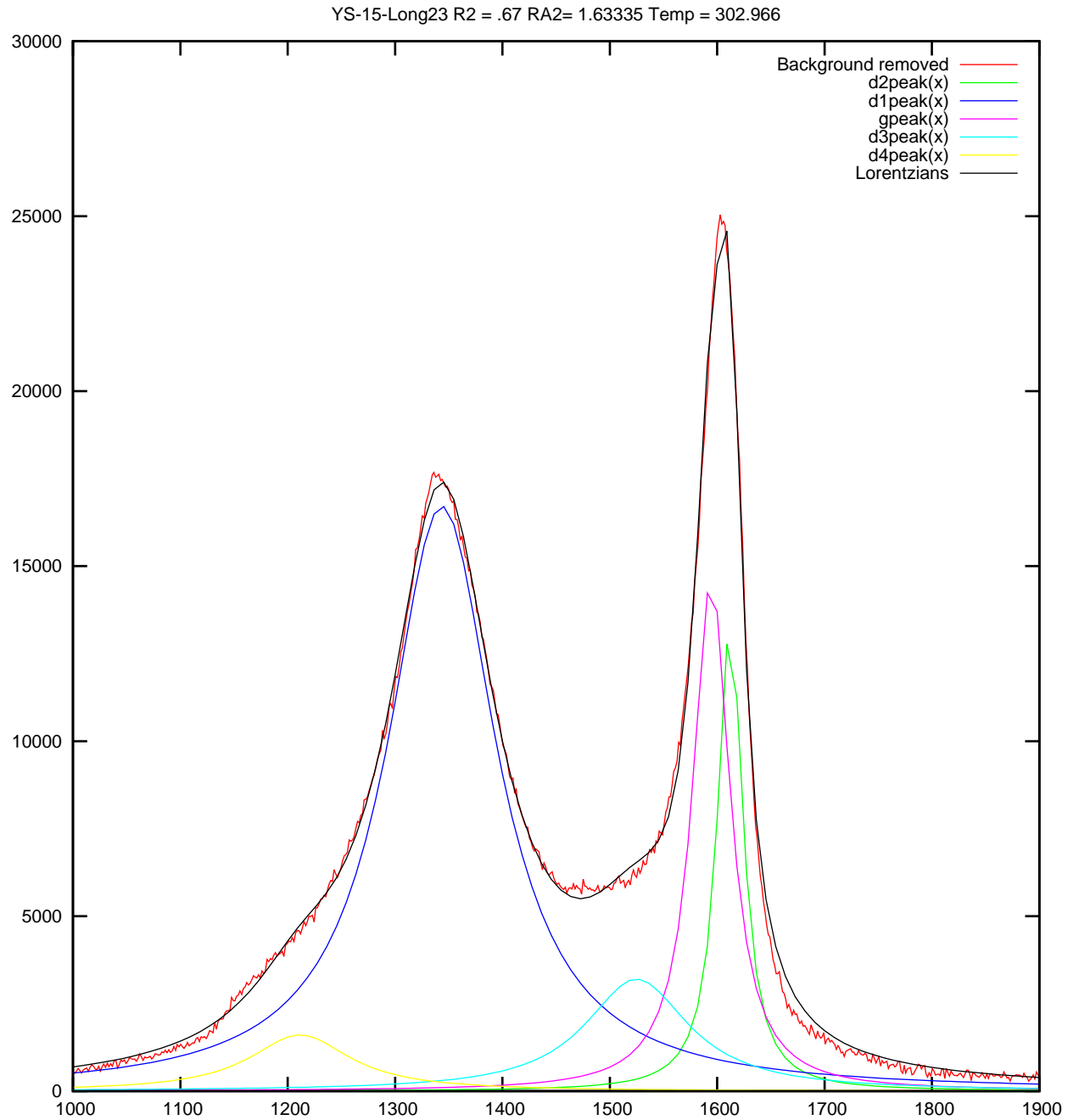
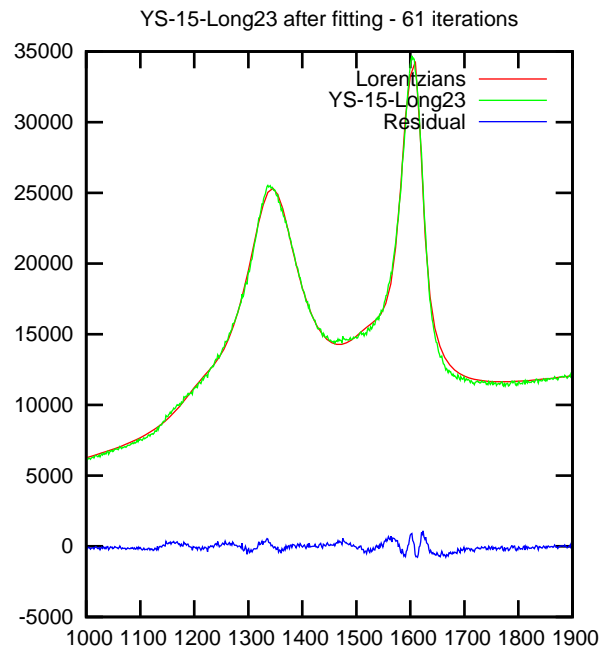
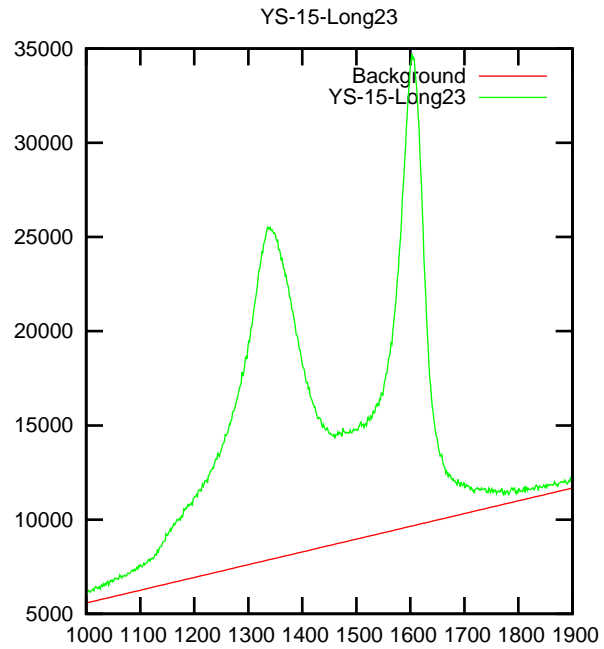


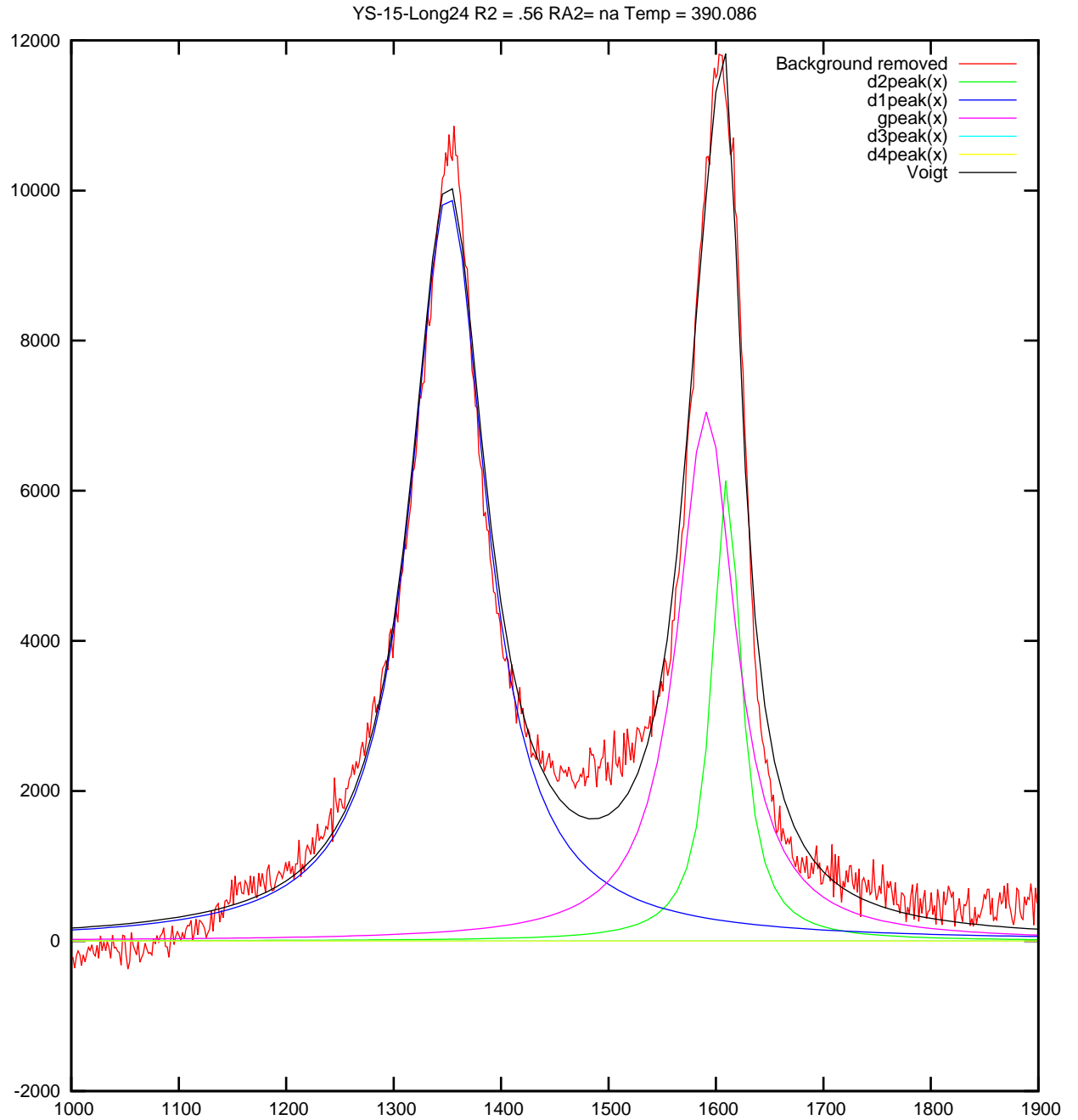
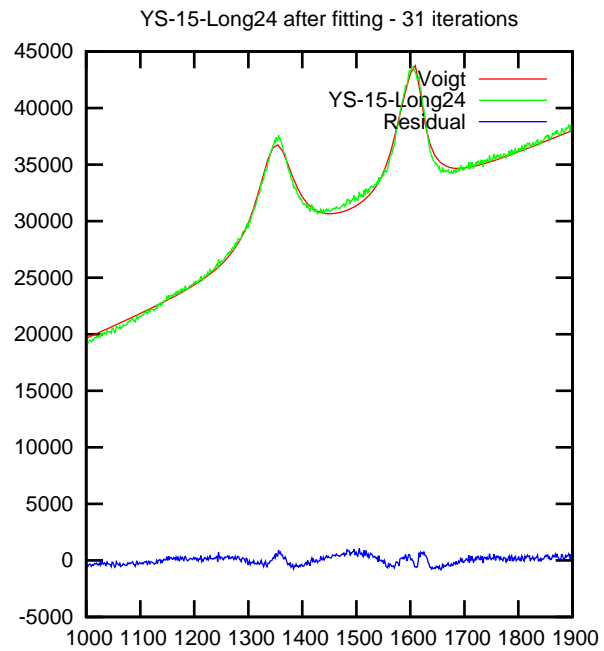
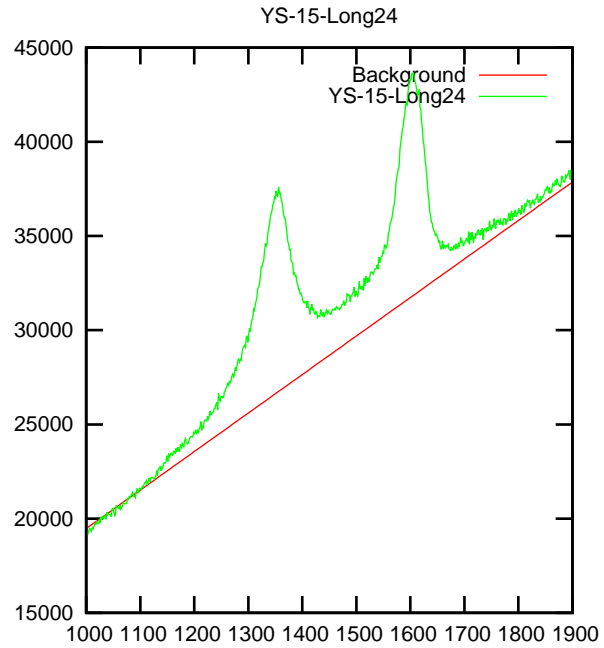


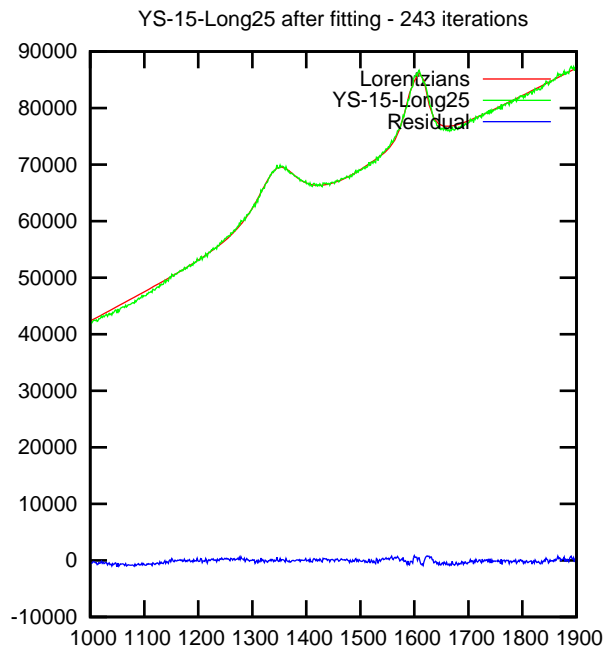
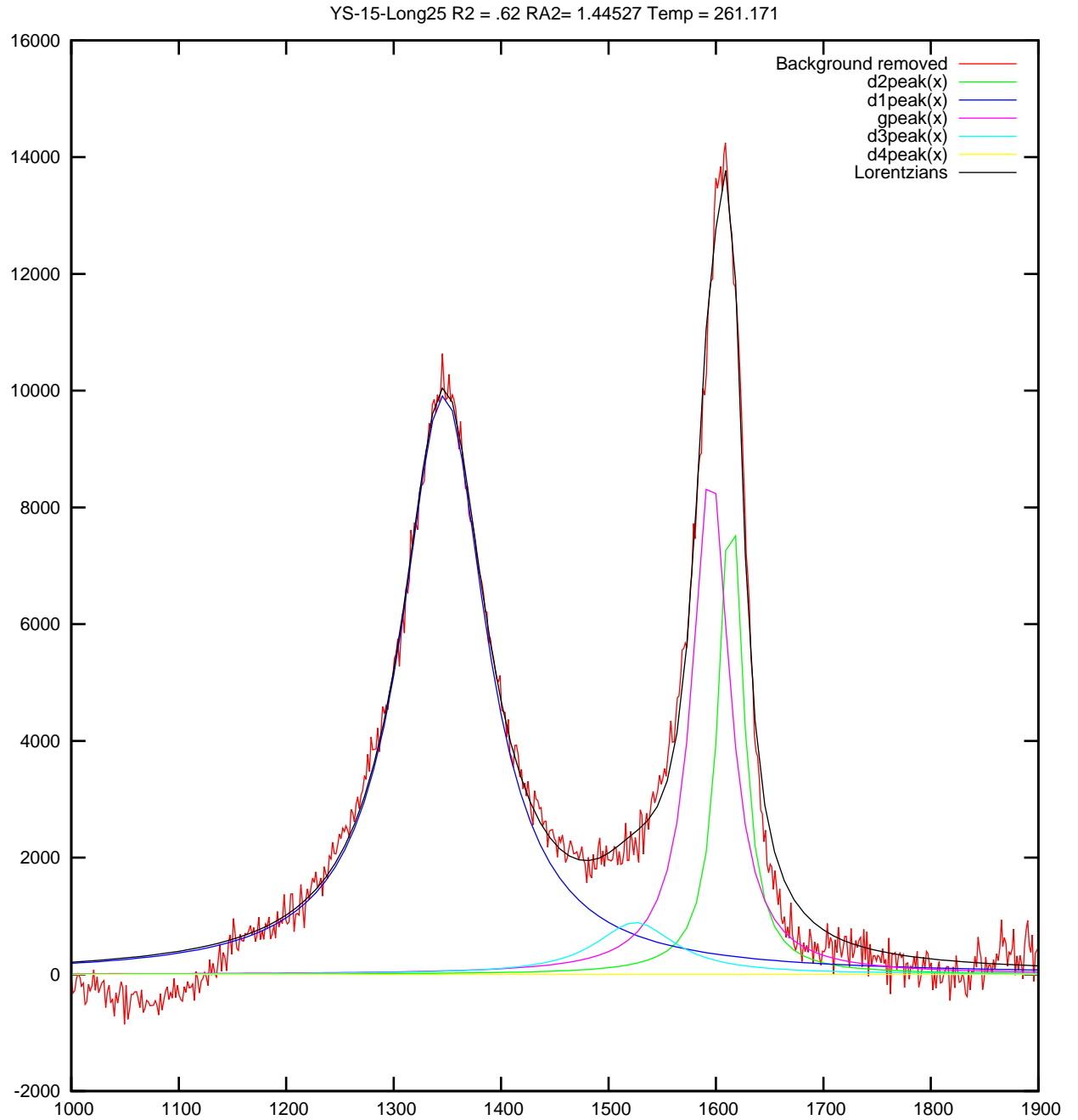
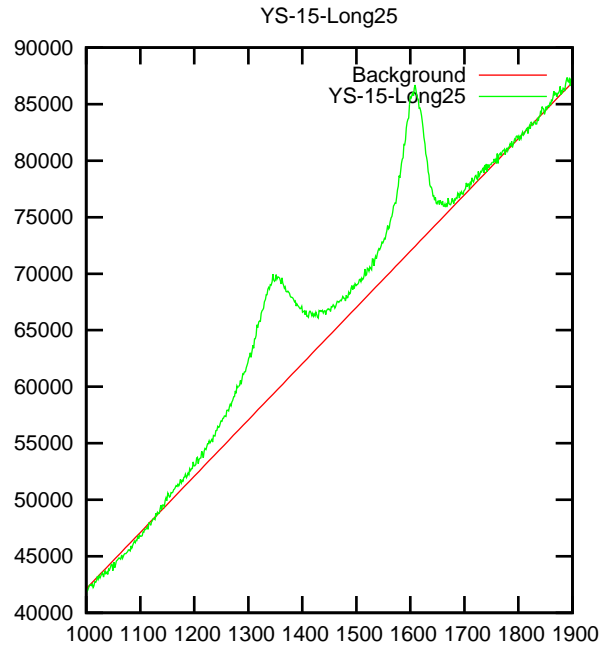
YS-15-Long21 = Noisy

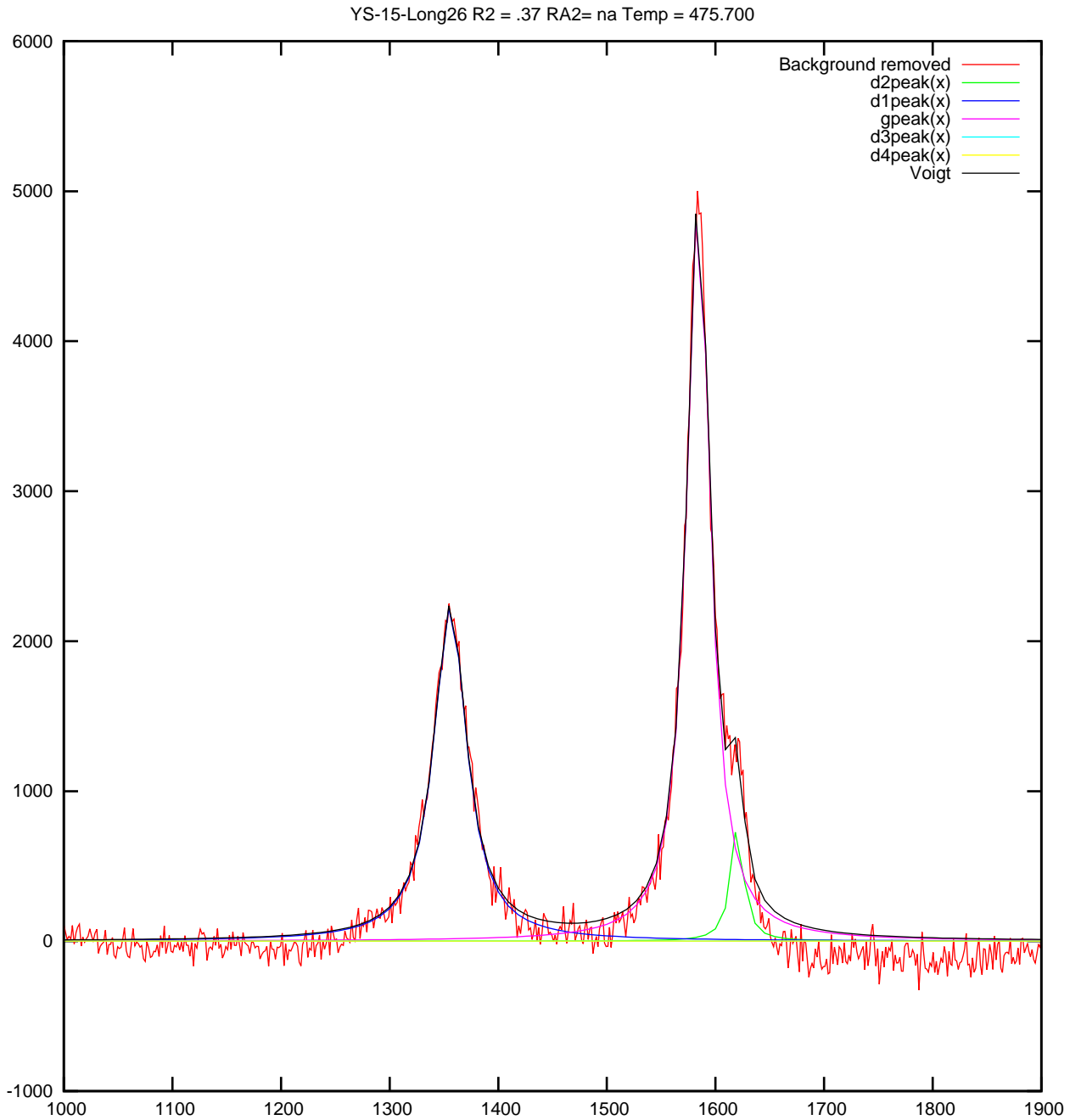
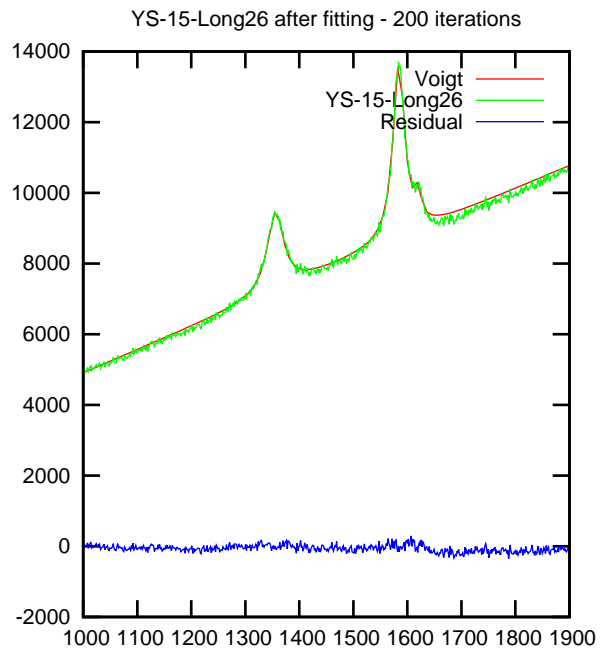
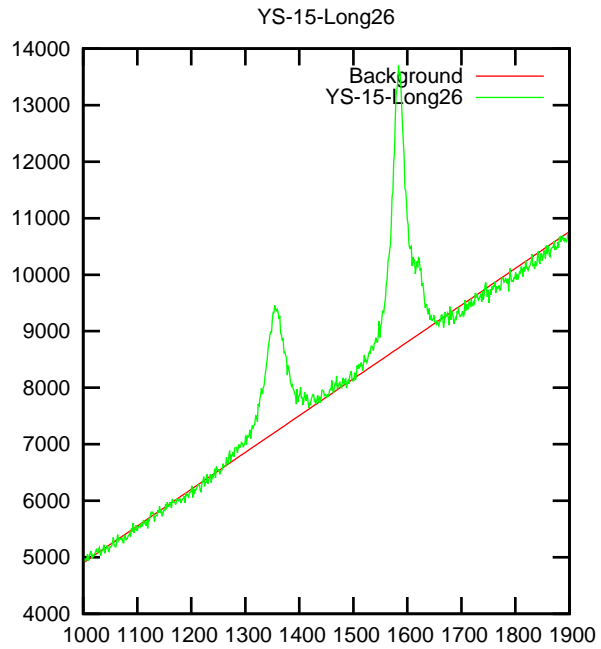


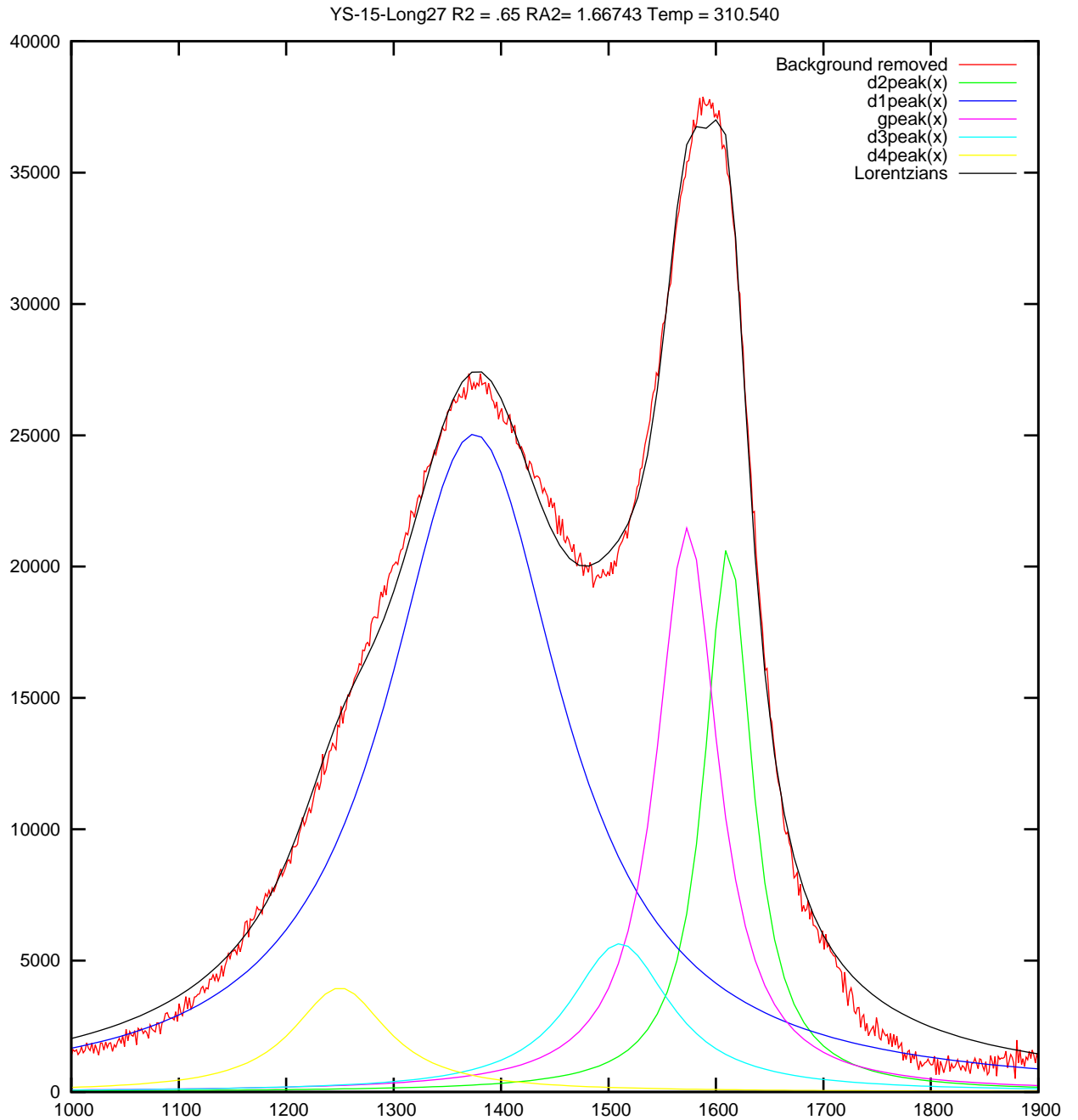
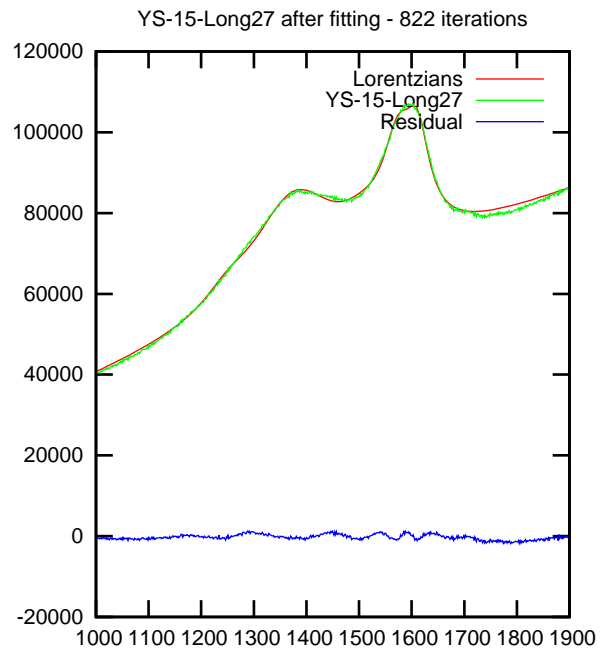
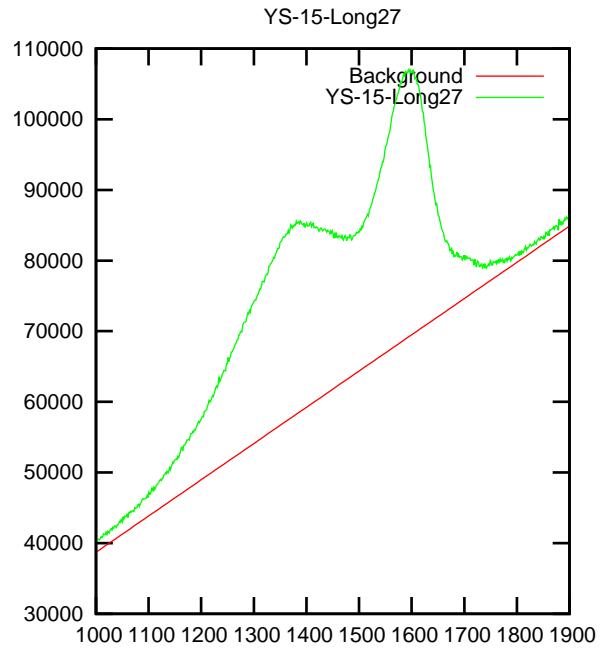




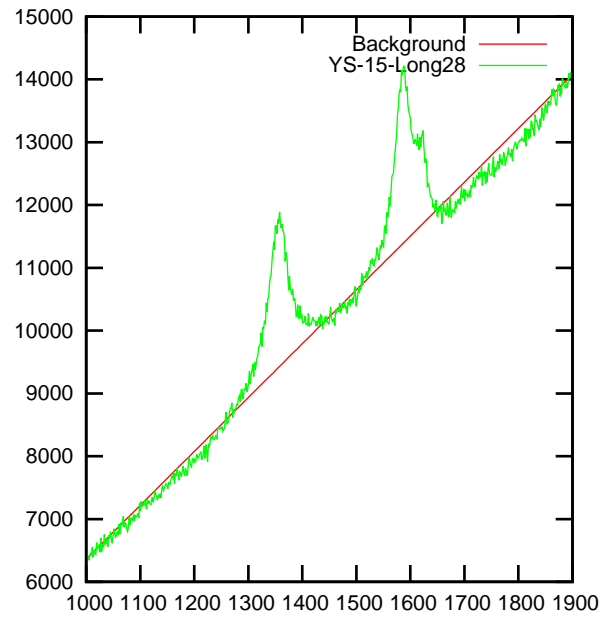




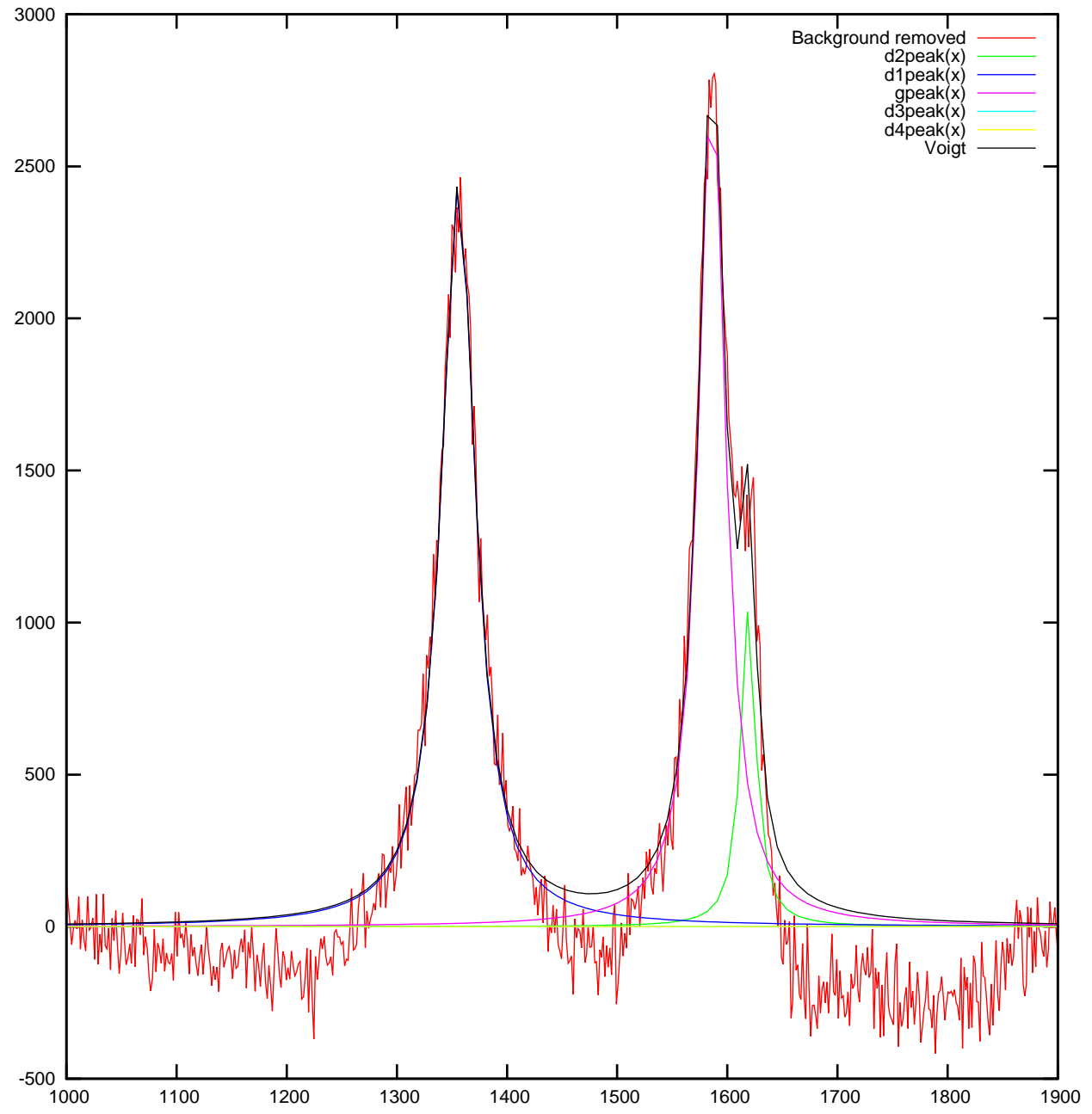




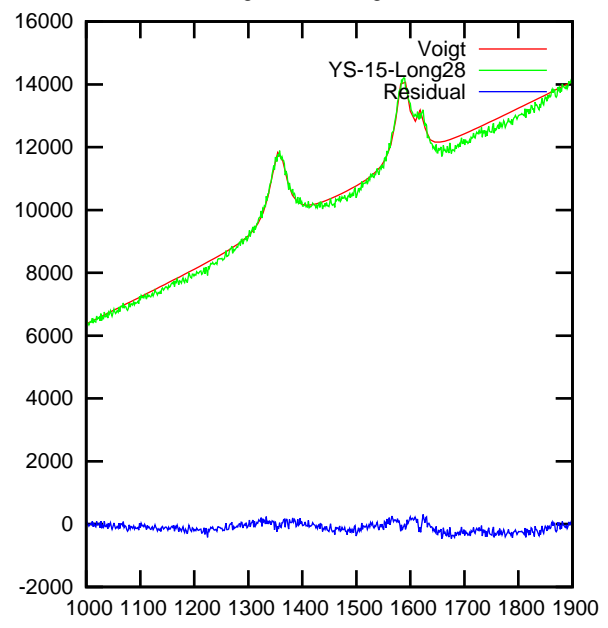
YS-15-Long28

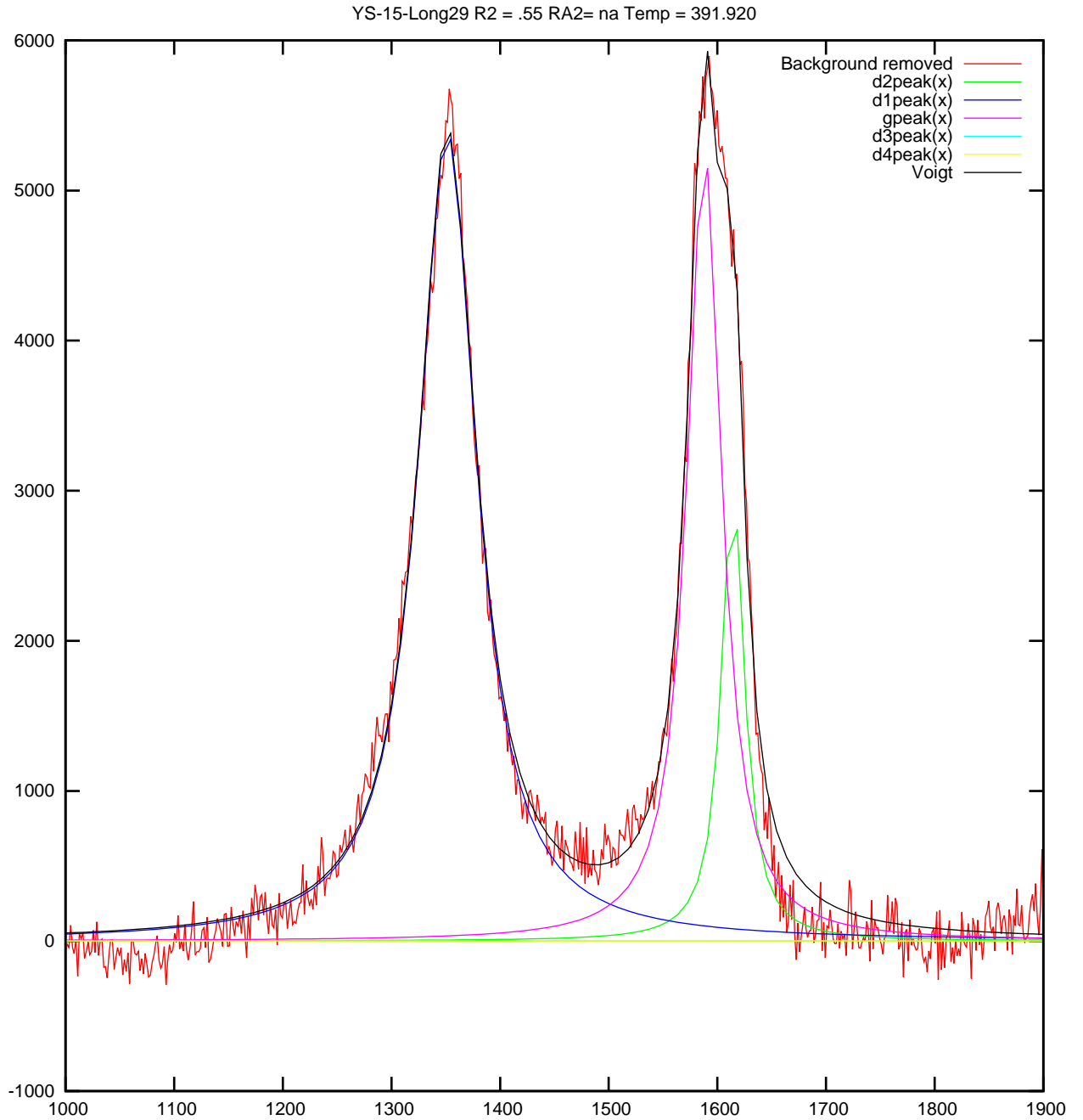
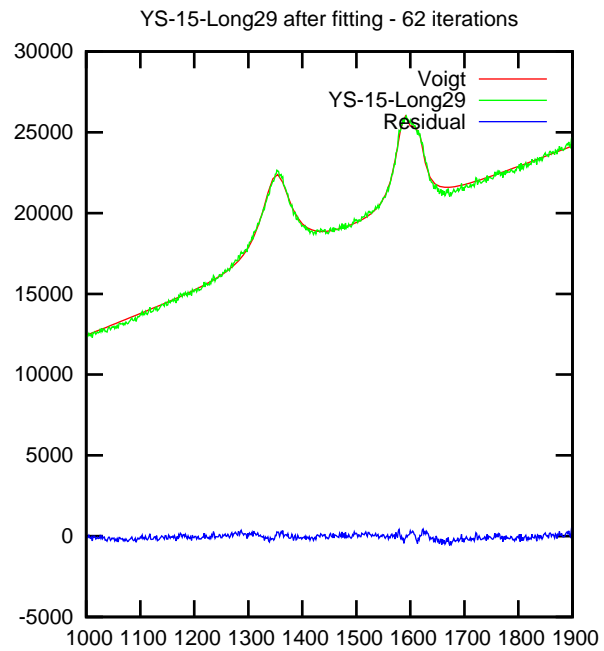
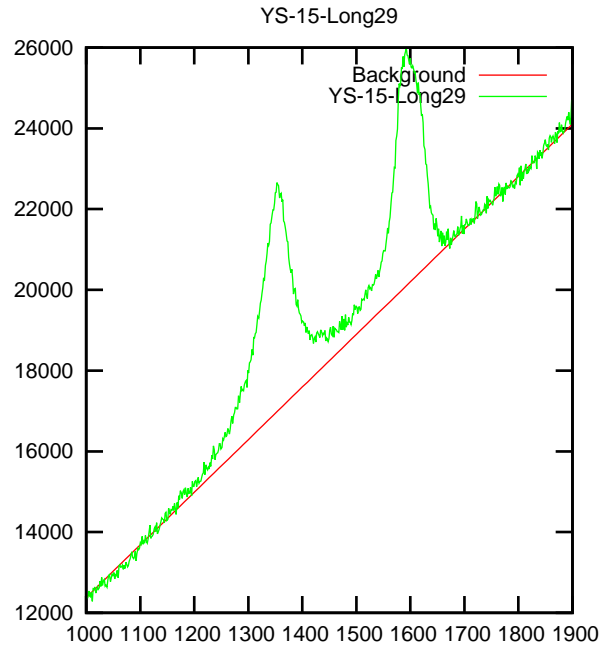


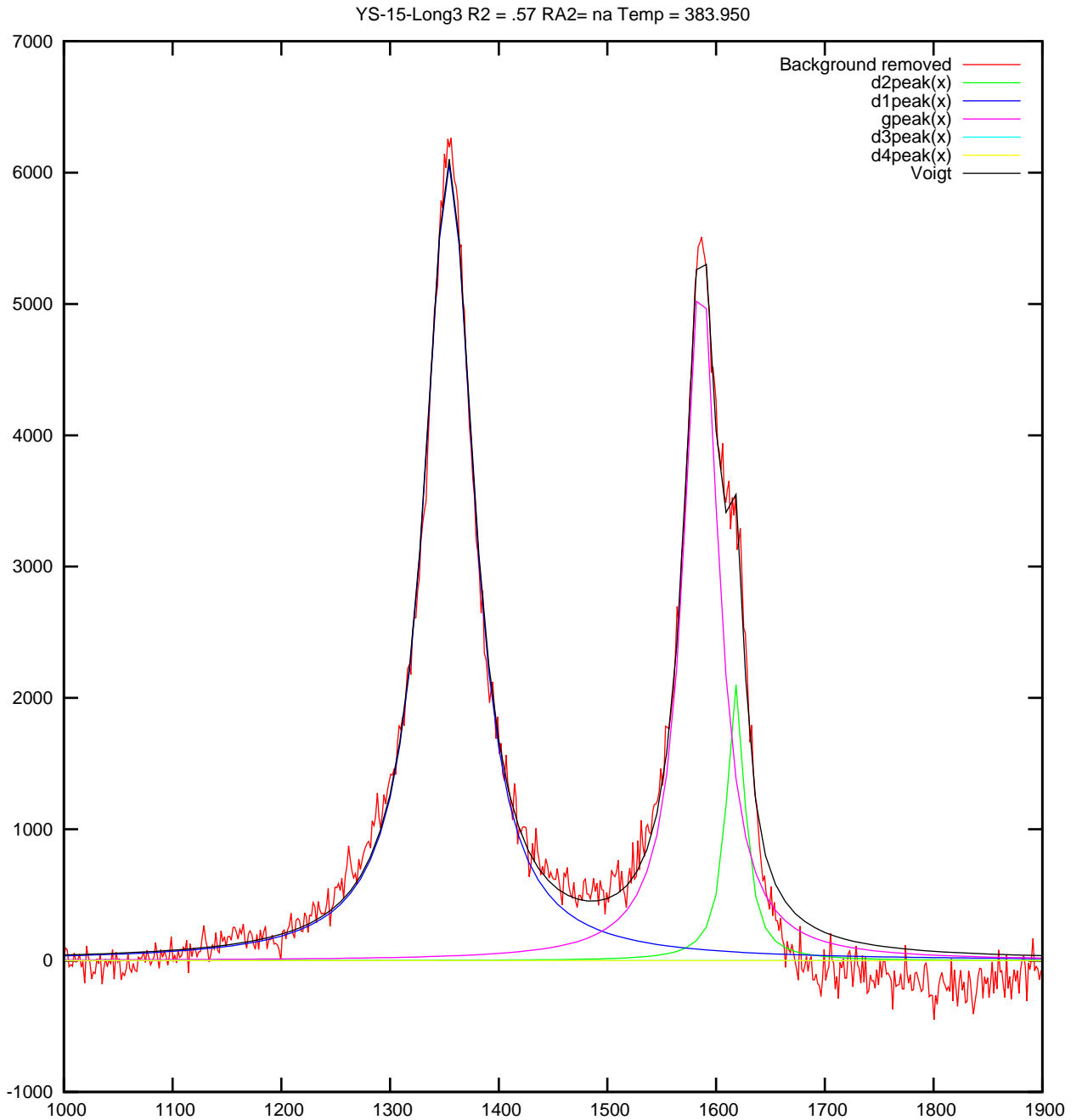
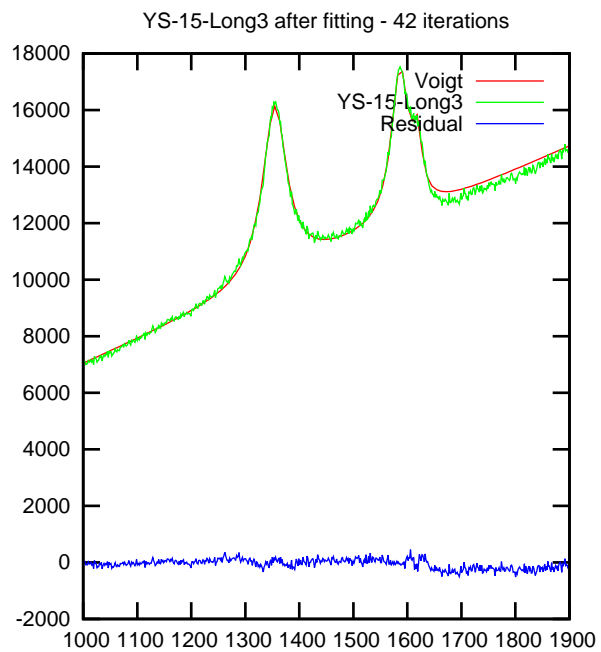
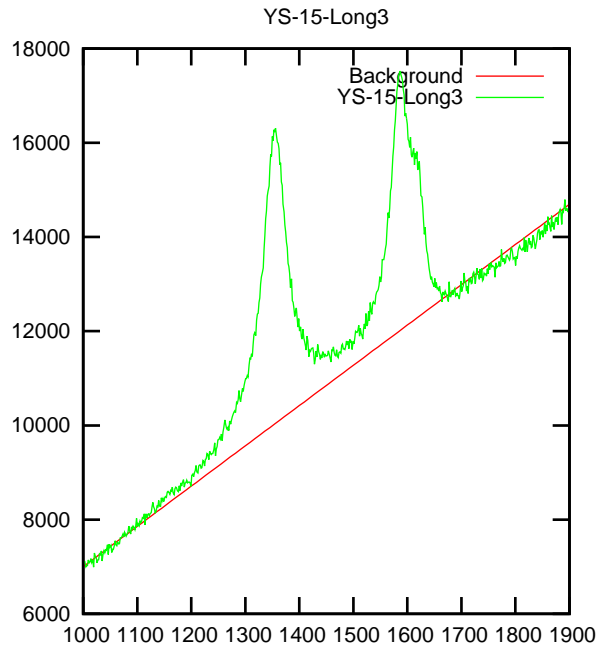
YS-15-Long28 R2 = .47 RA2= na Temp = 428.450

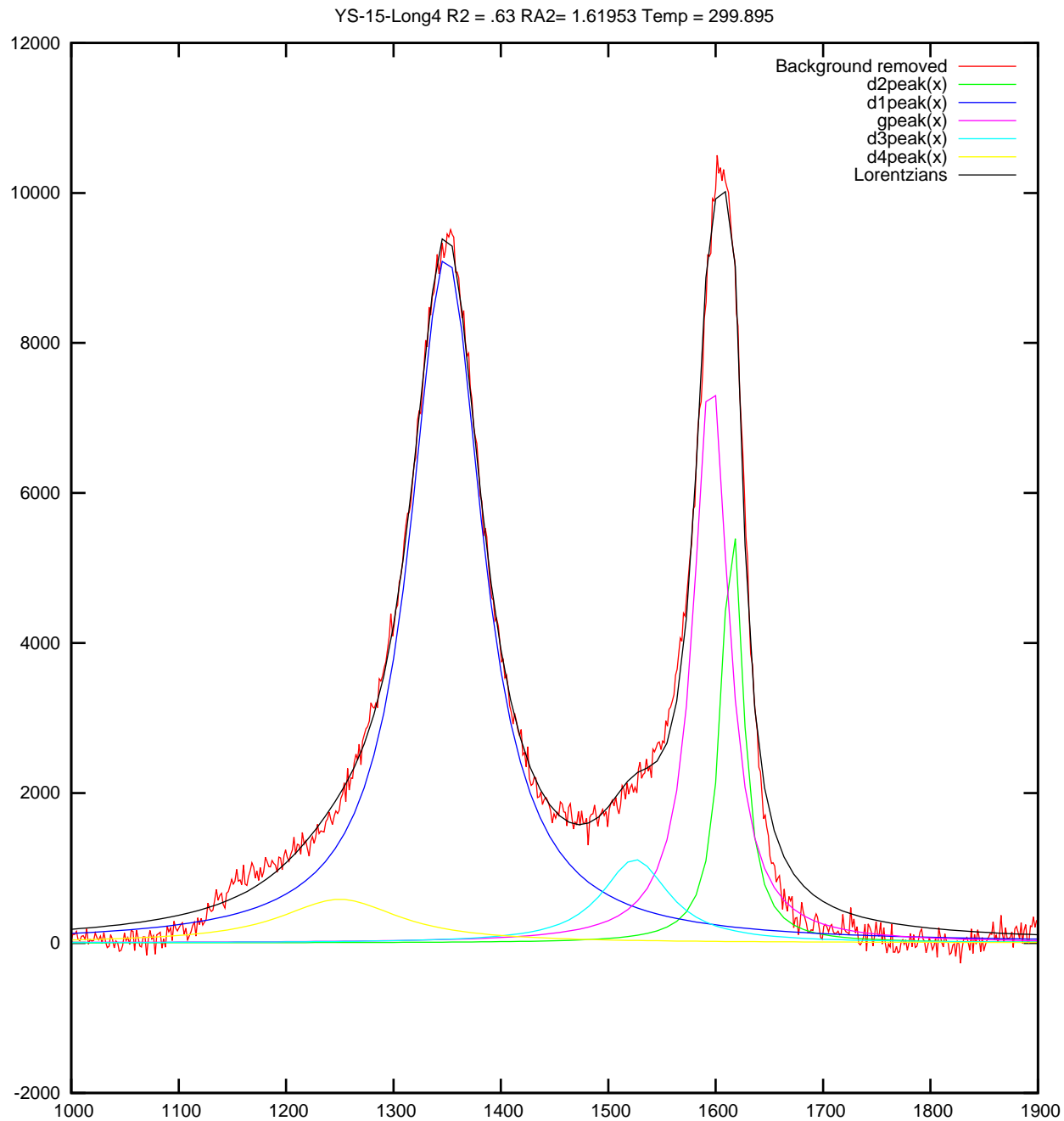
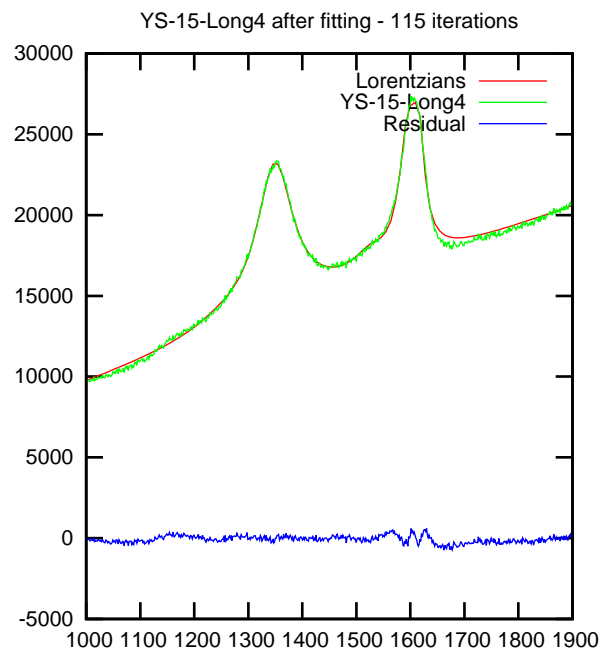
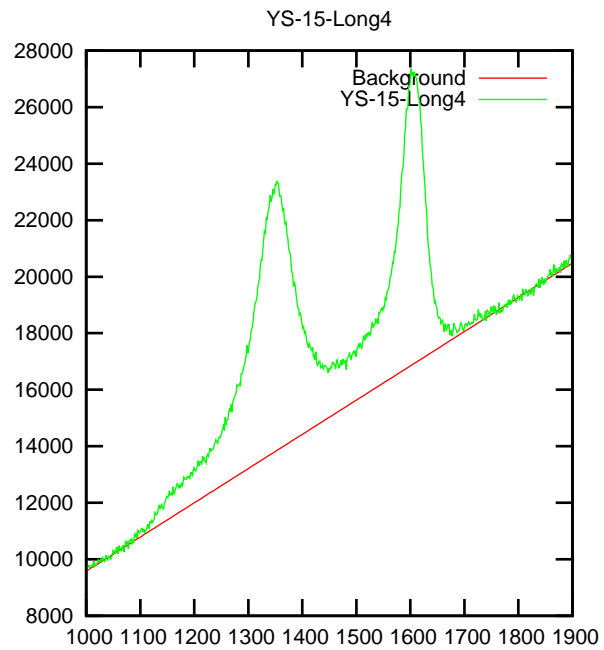


YS-15-Long28 after fitting - 77 iterations

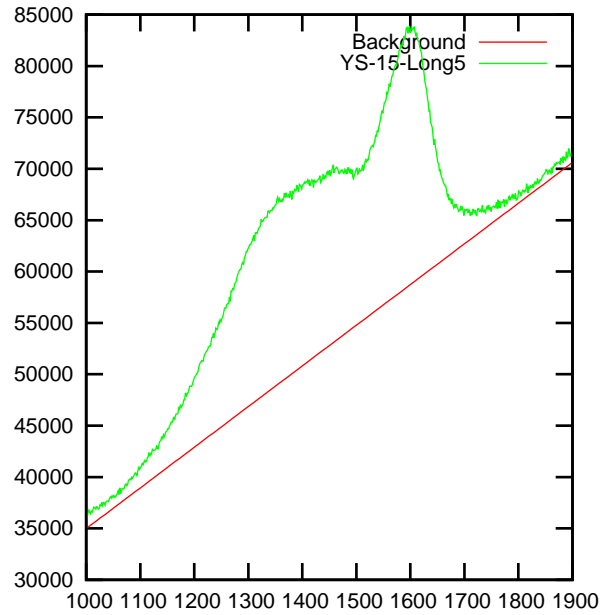




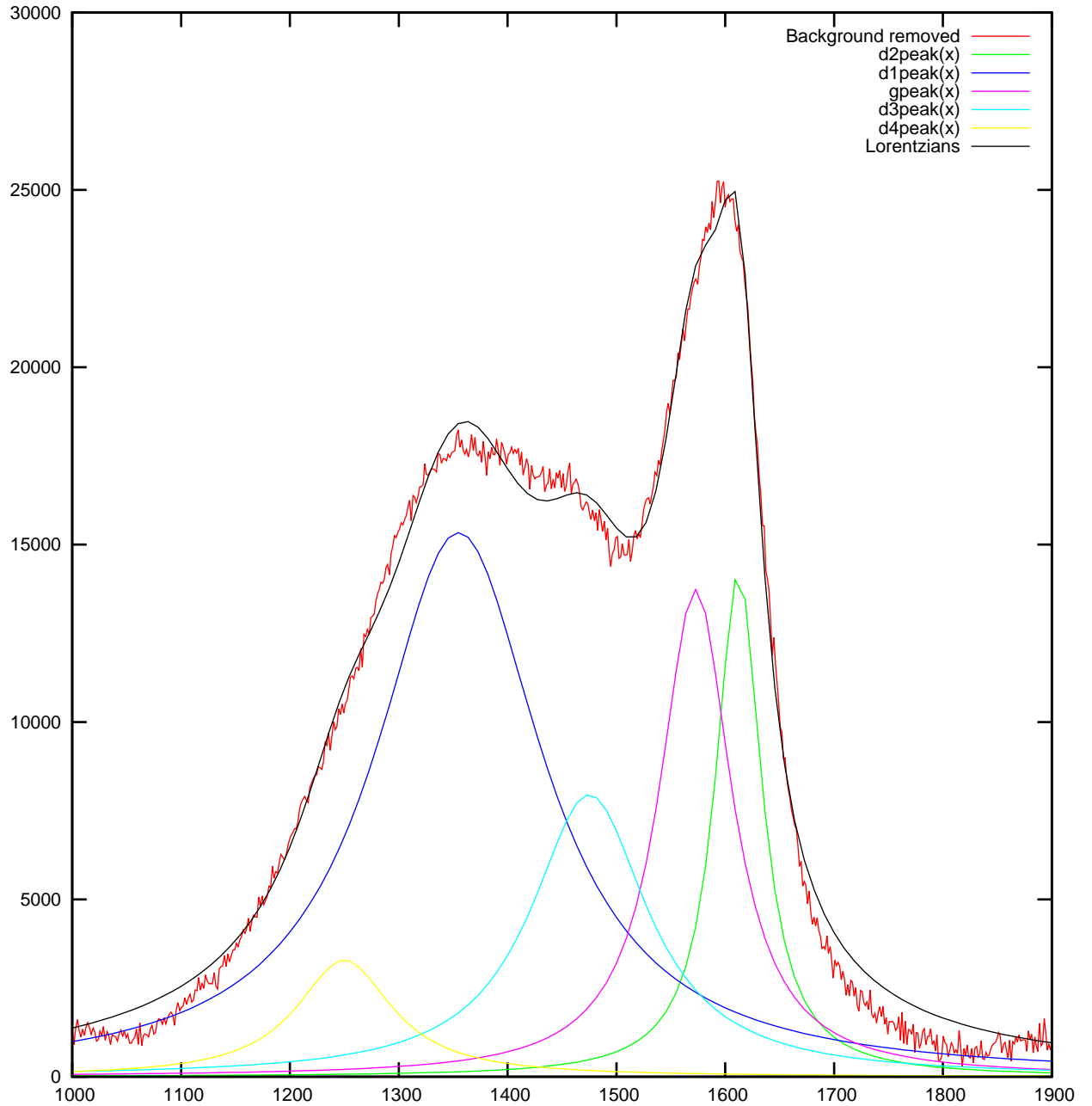




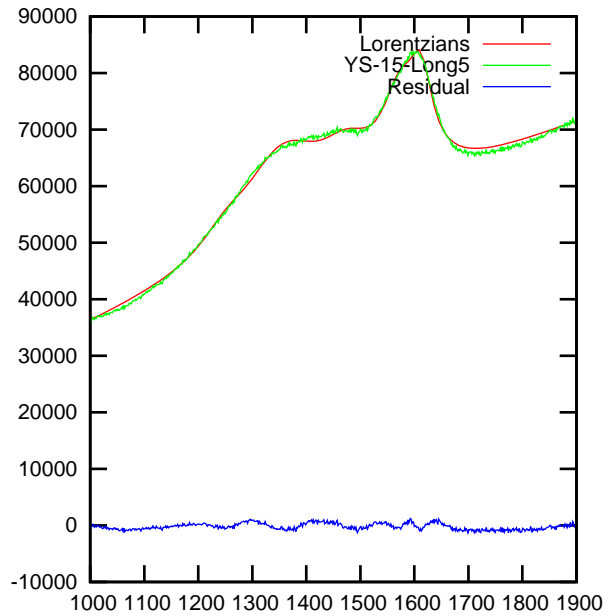
YS-15-Long5



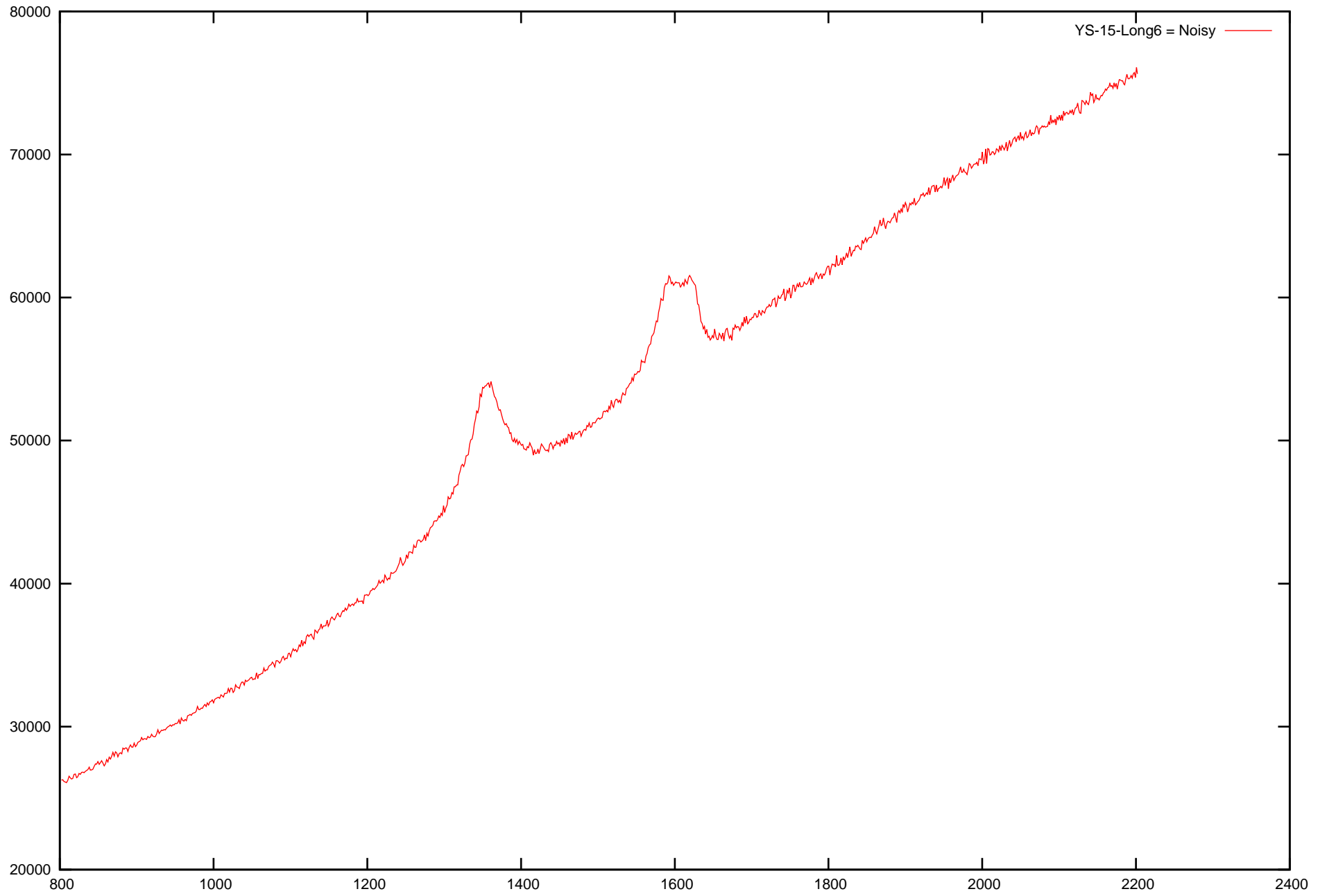
YS-15-Long5 R2 = .61 RA2= 1.12234 Temp = 189.408



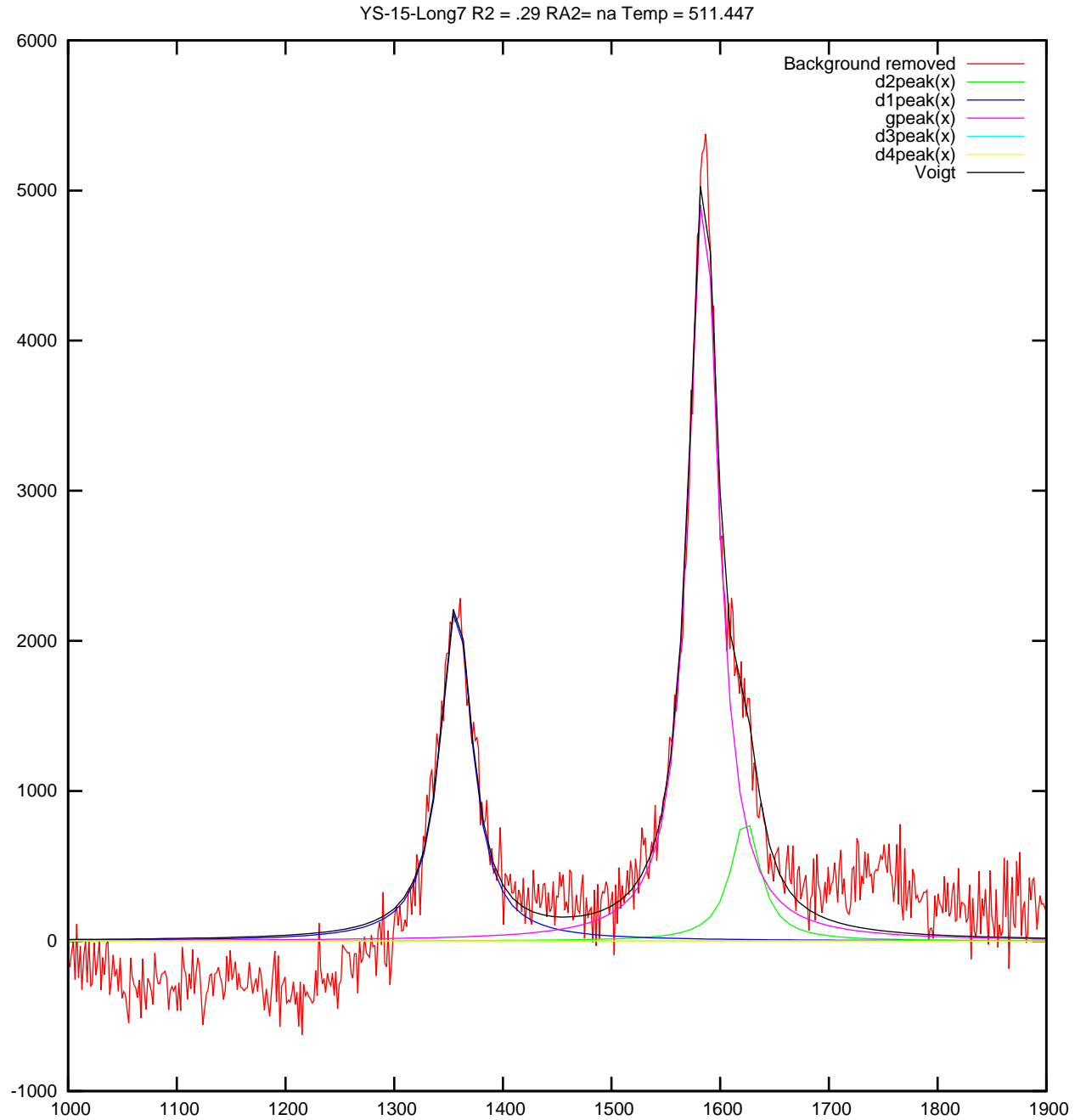
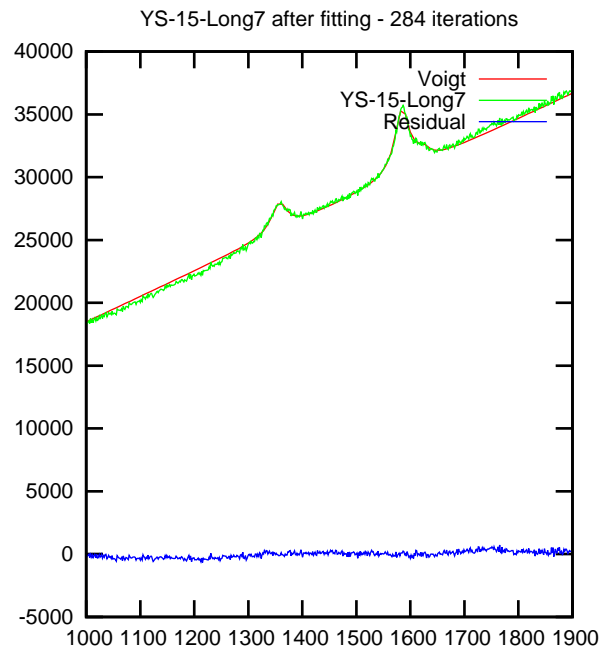
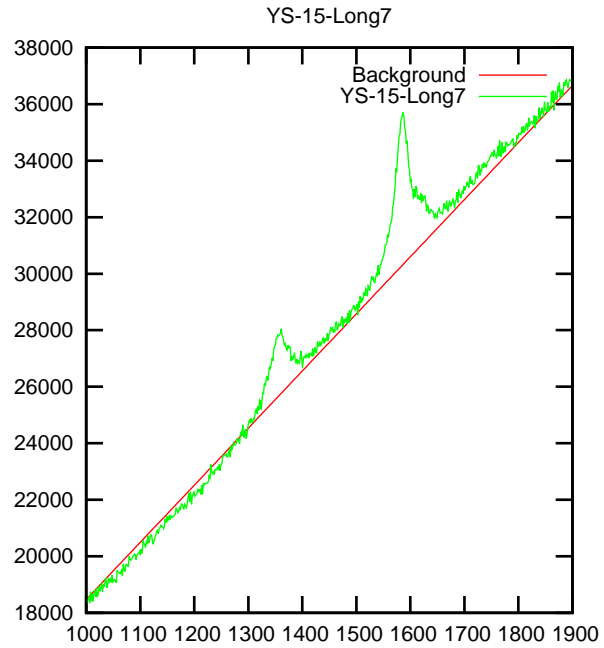
YS-15-Long5 after fitting - 495 iterations

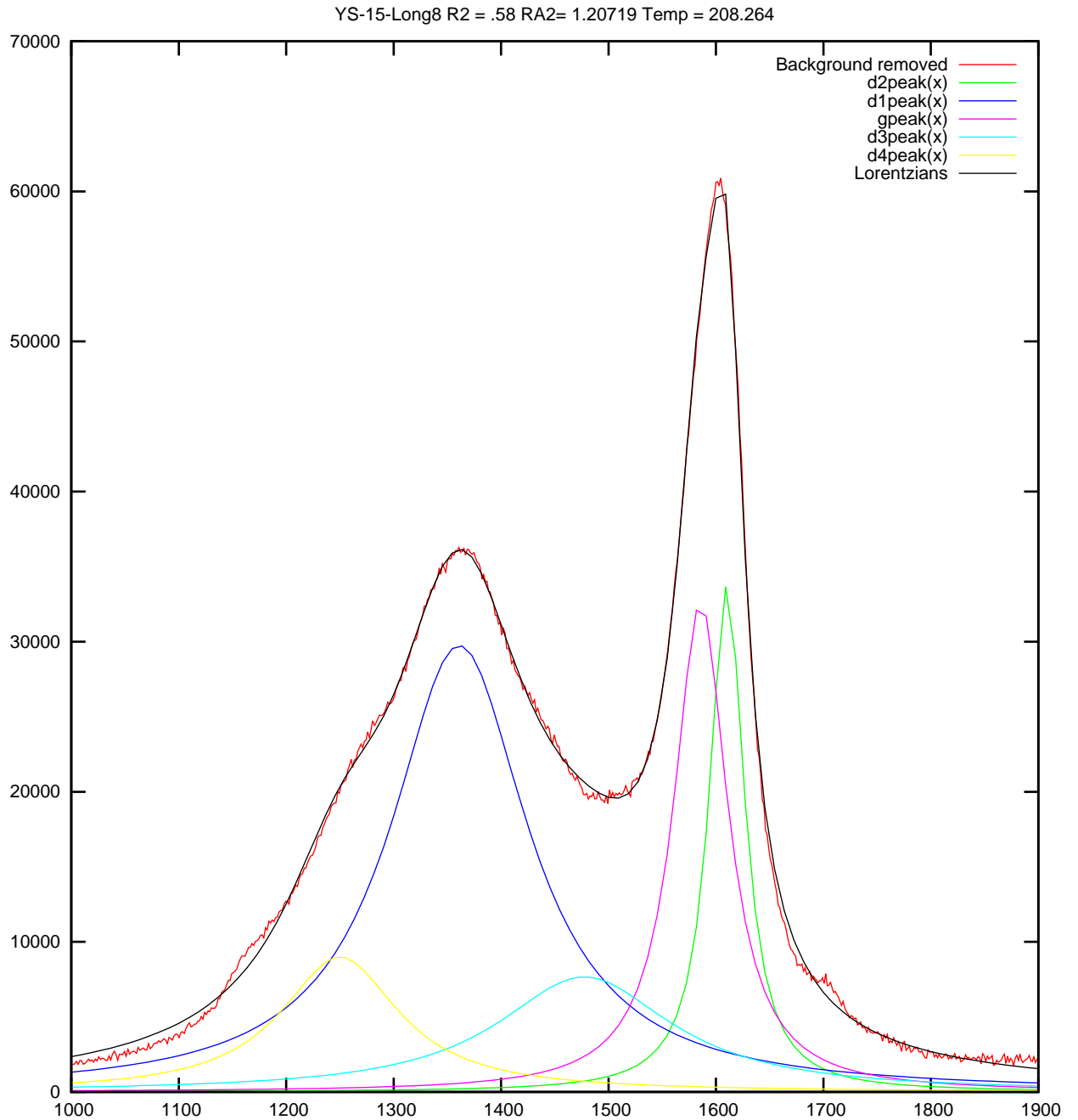
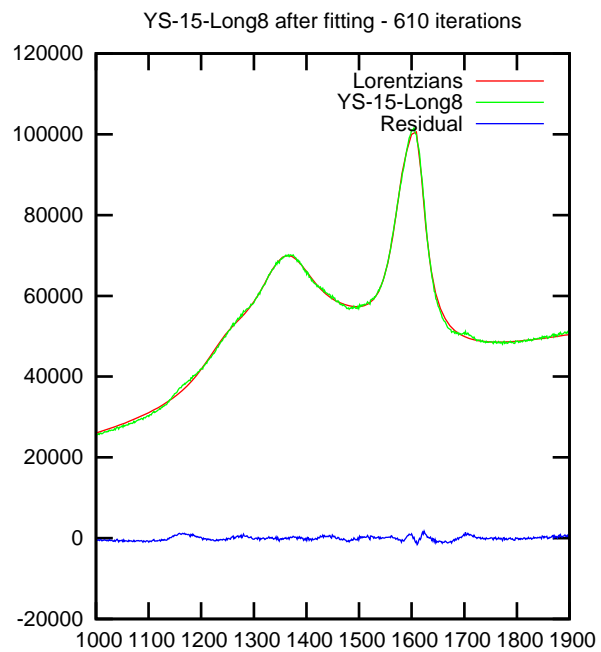
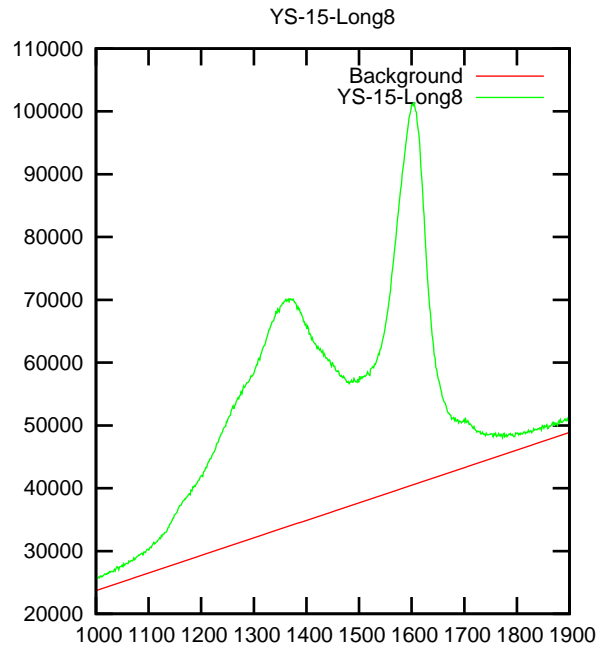


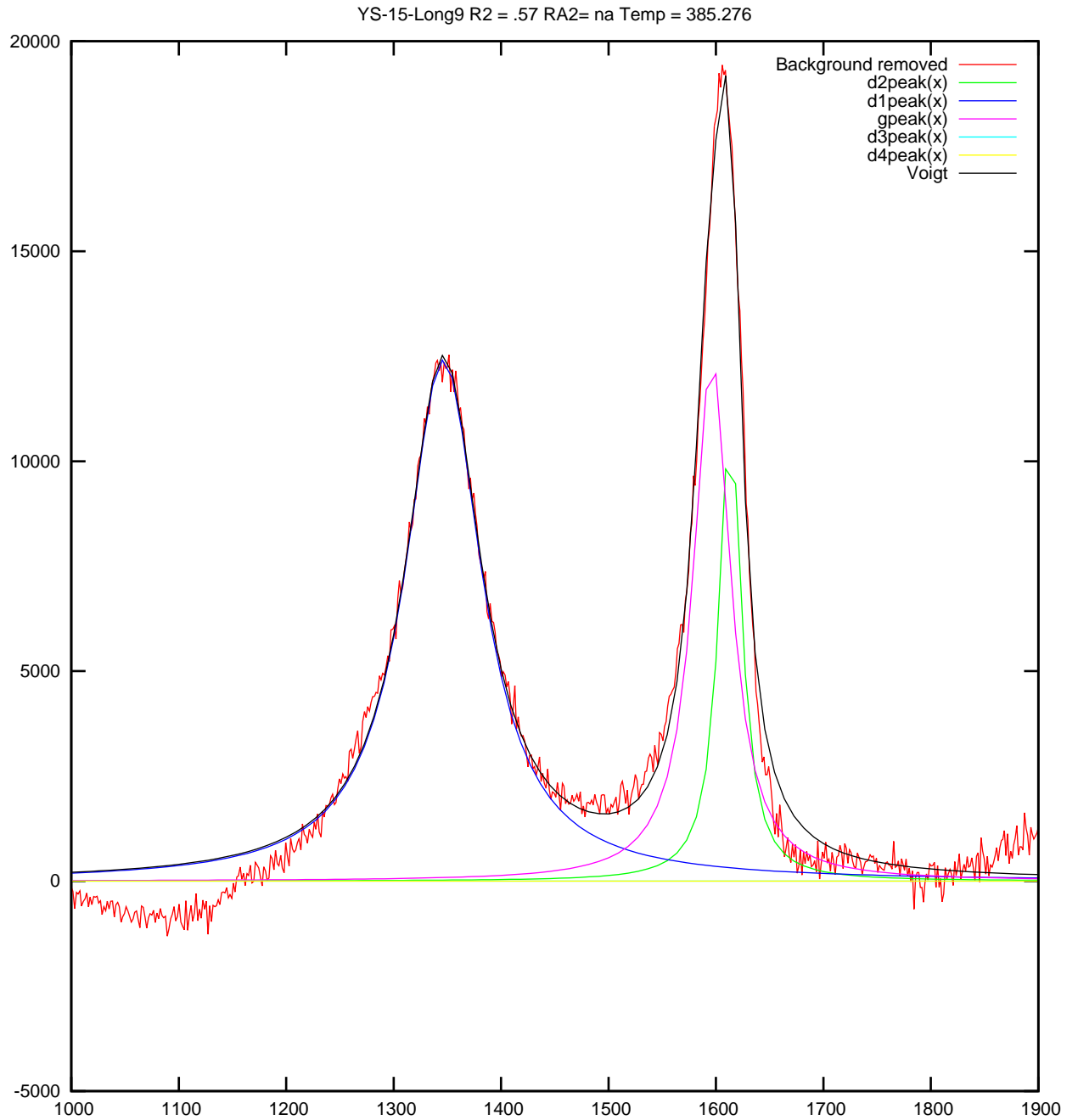
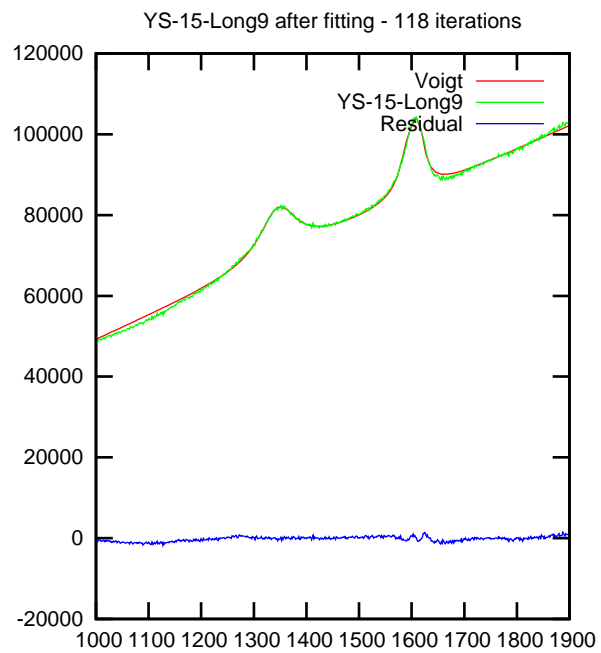
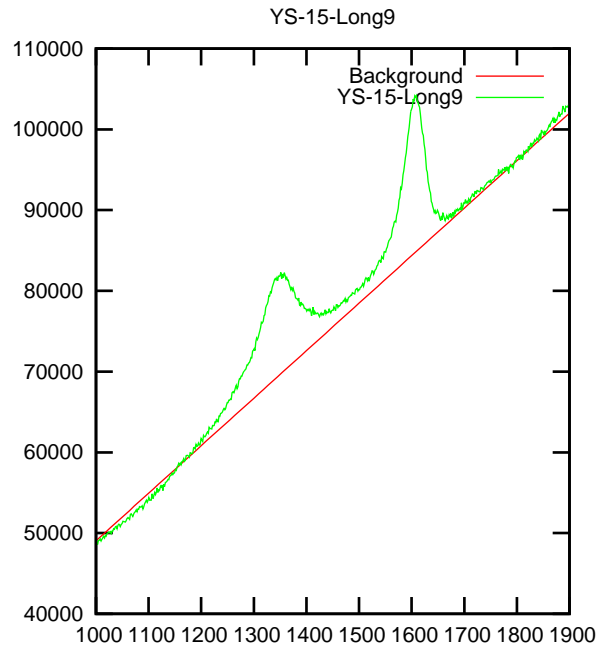
YS-15-Long6 = Noisy

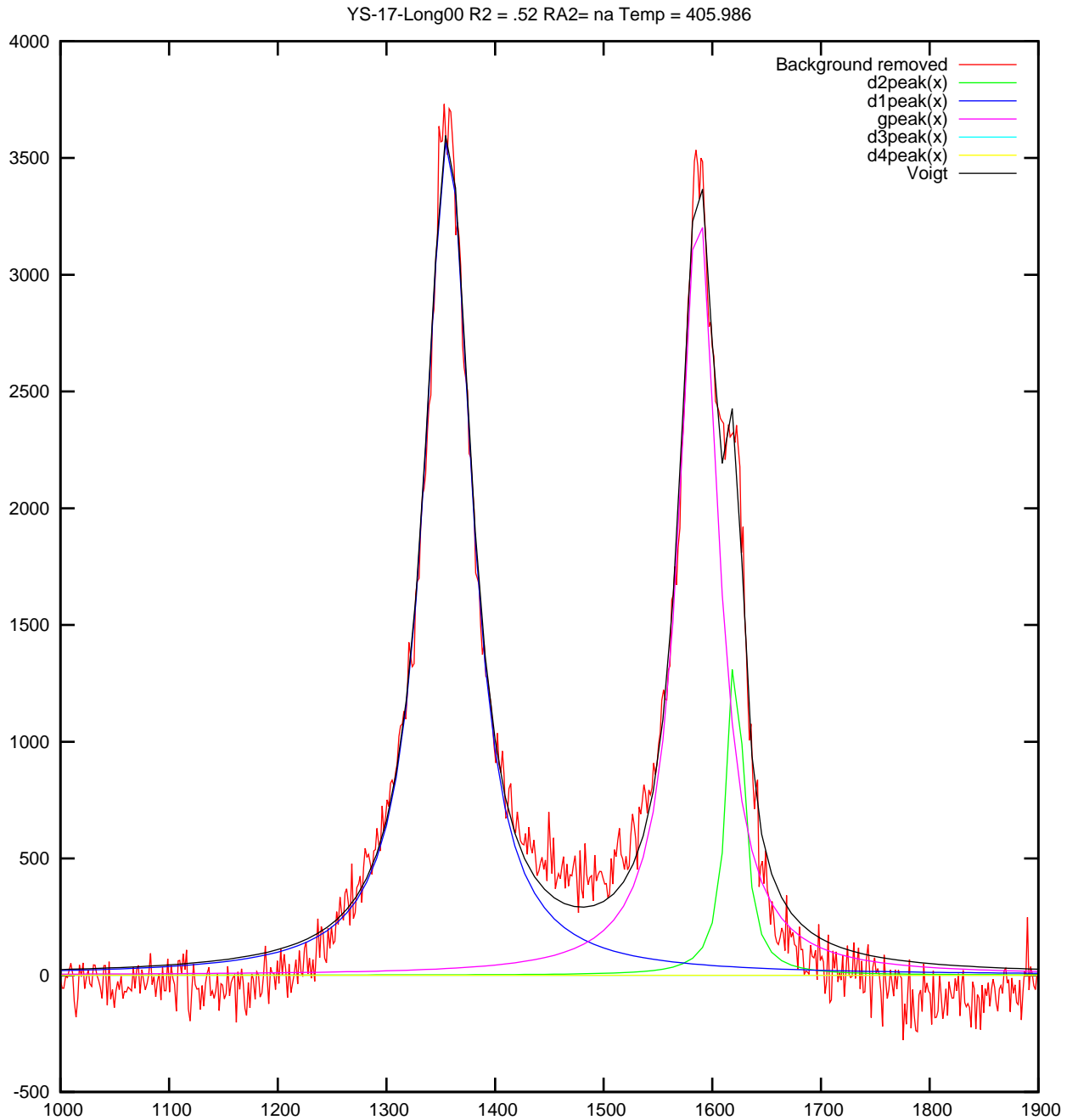
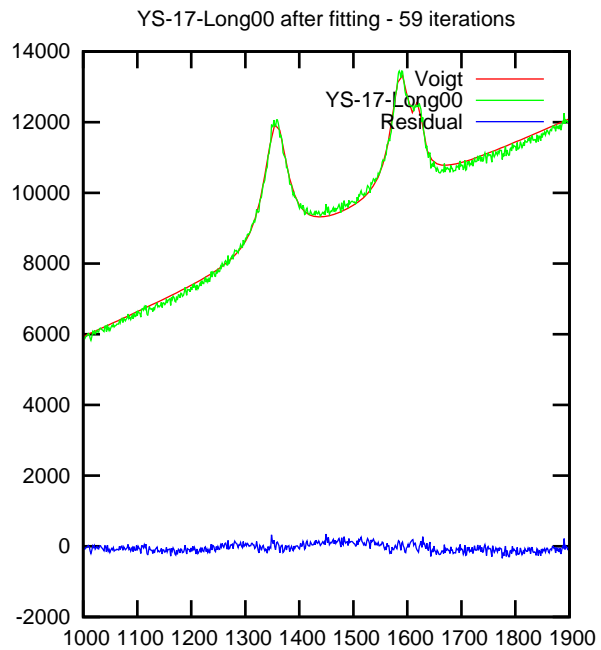
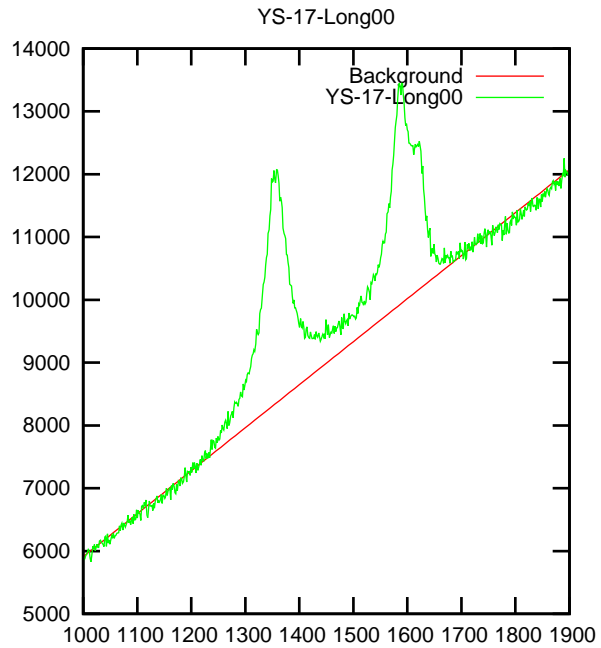


YS-15-Long6 = Noisy

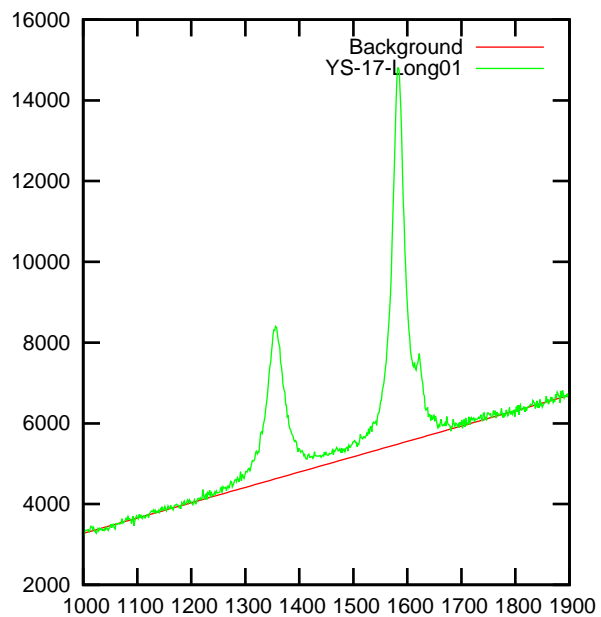




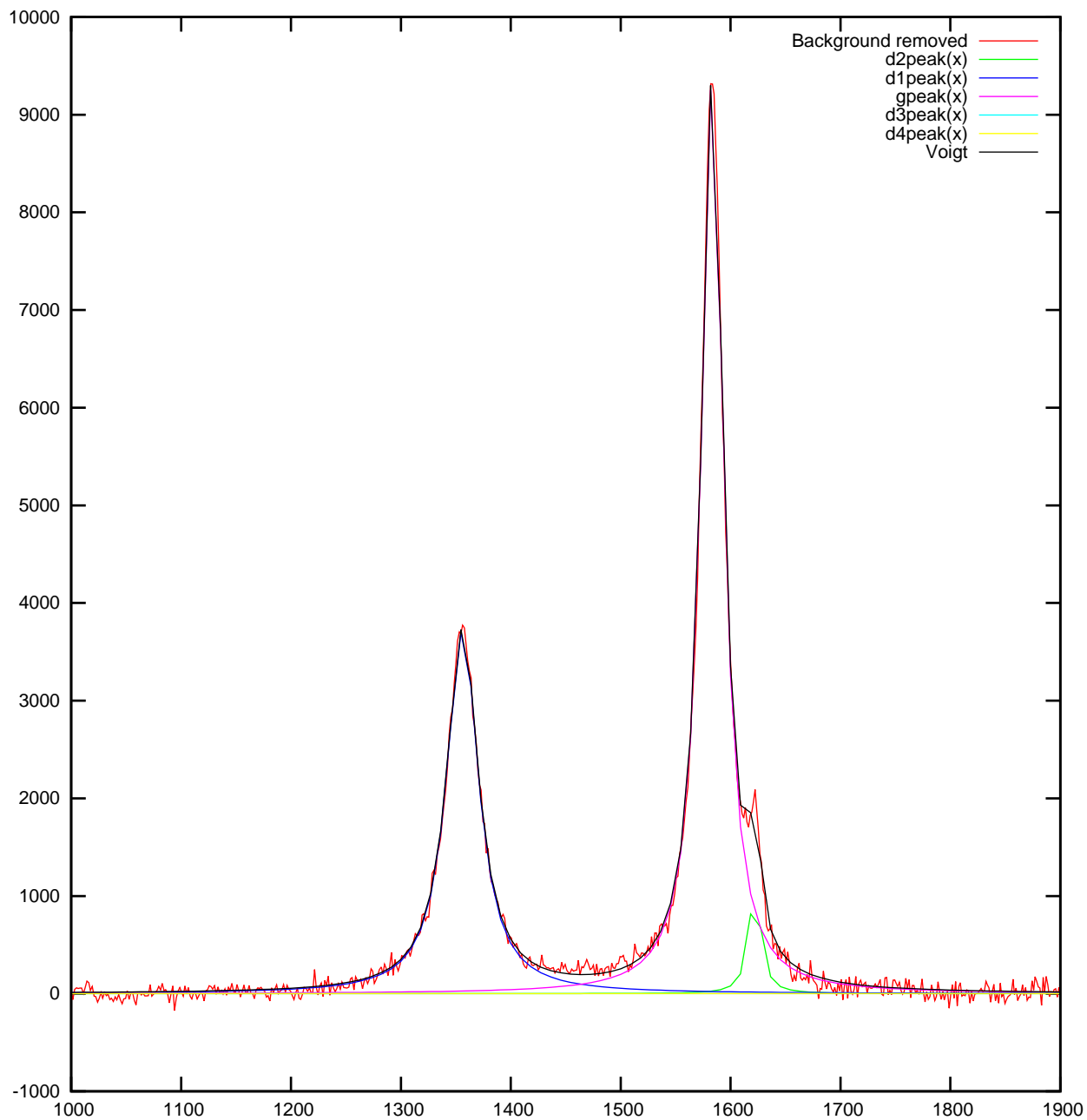




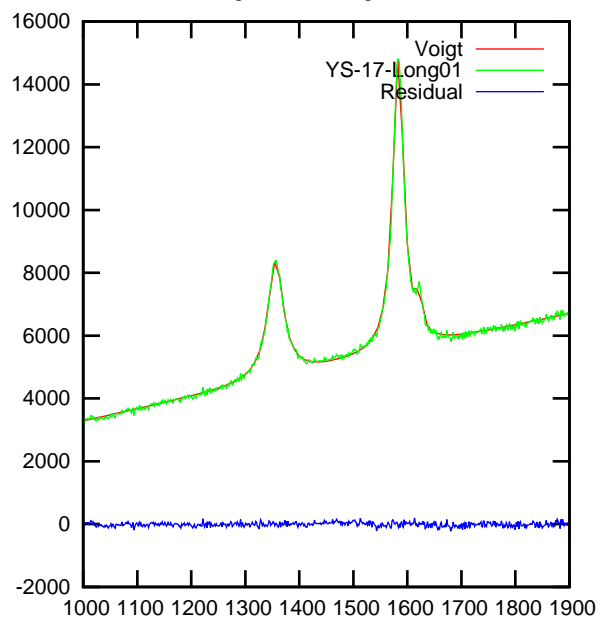
YS-17-Long01

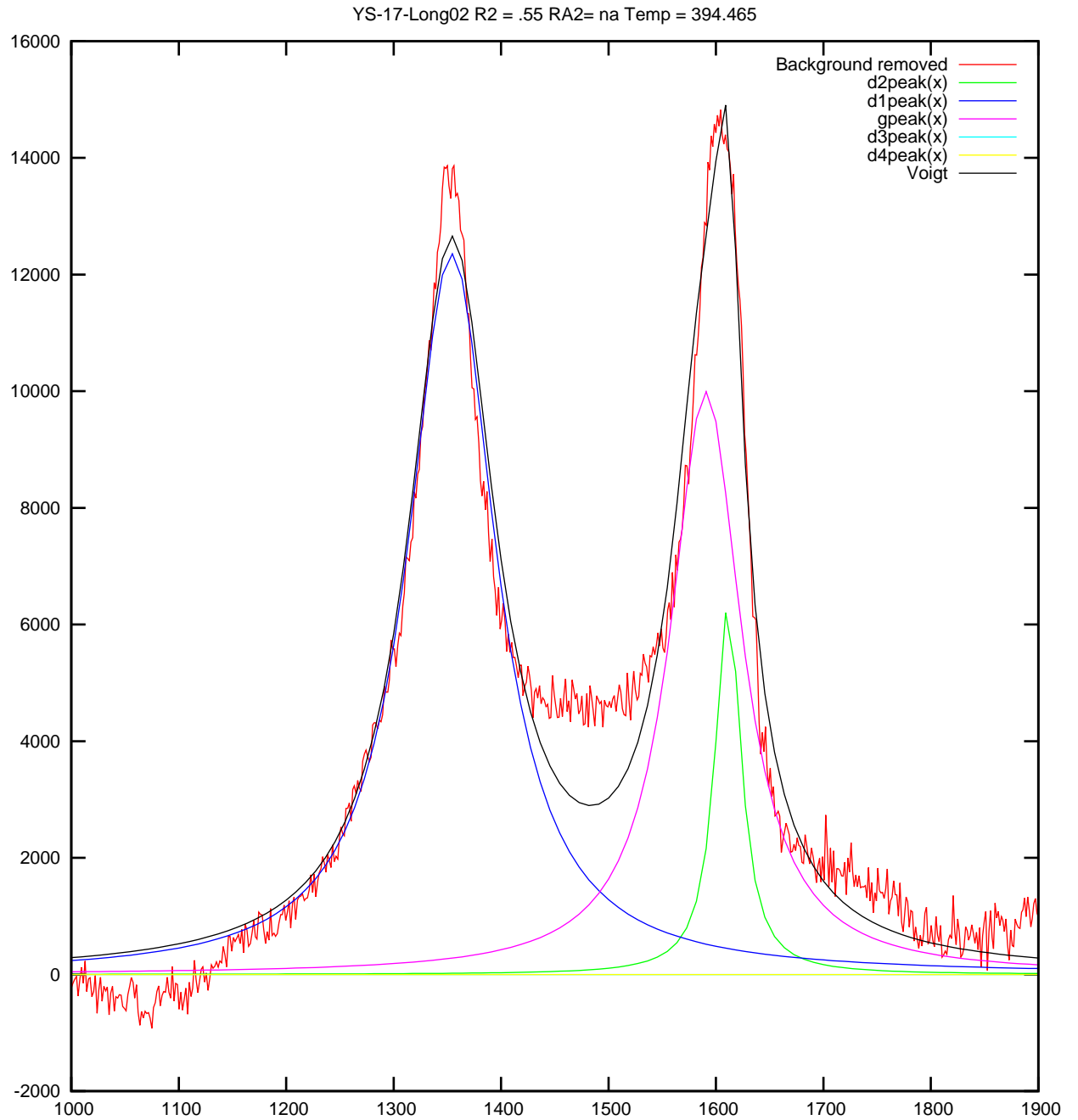
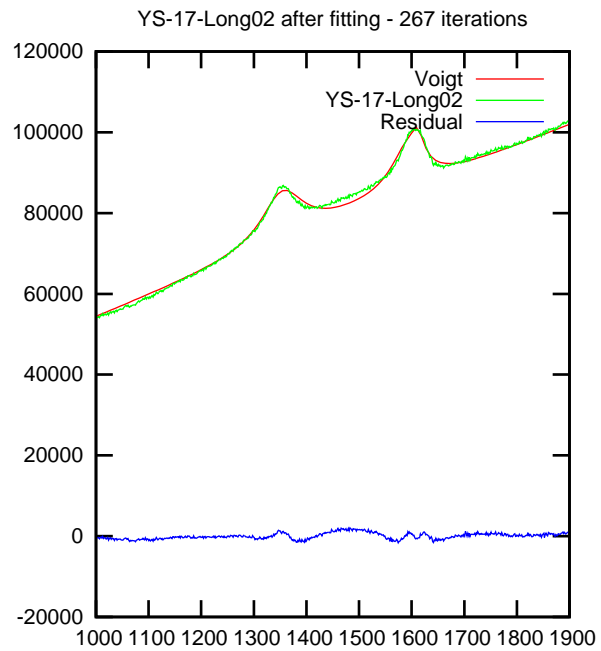
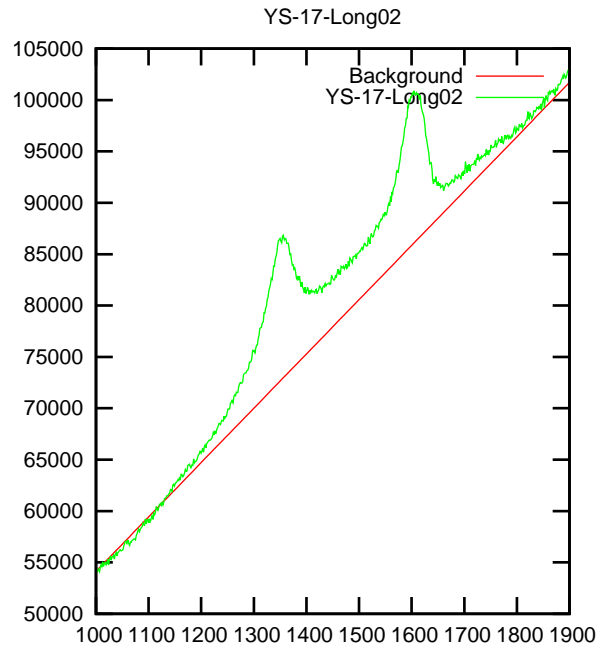


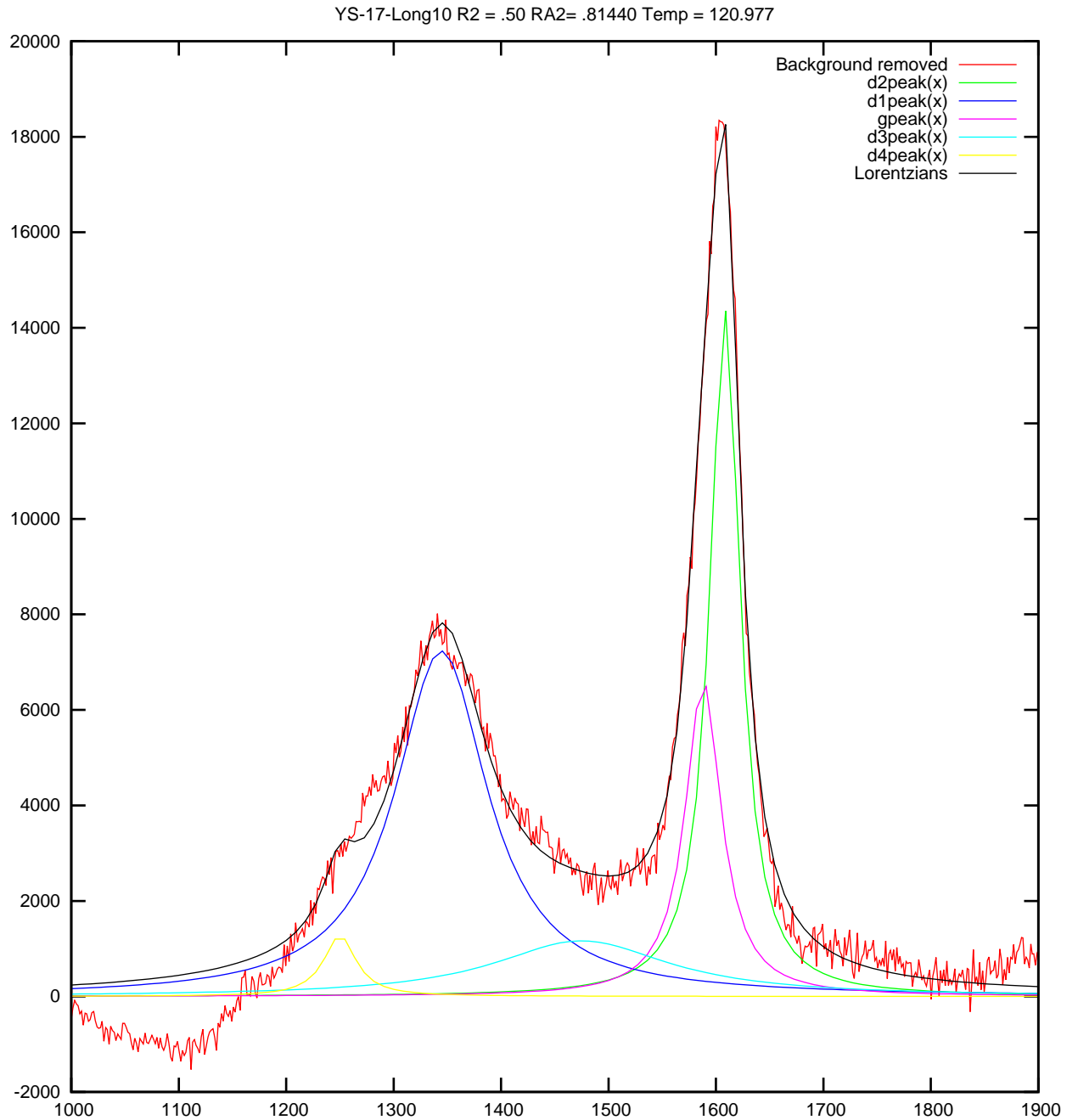
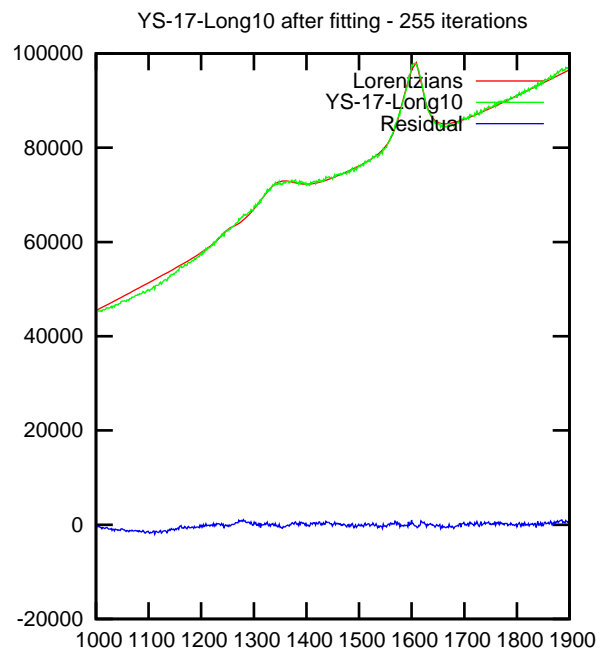
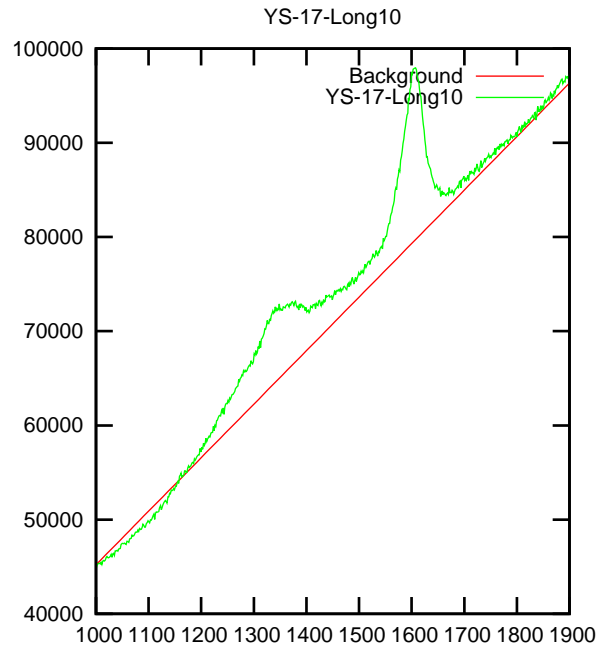
YS-17-Long01 R2 = .35 RA2= na Temp = 485.152

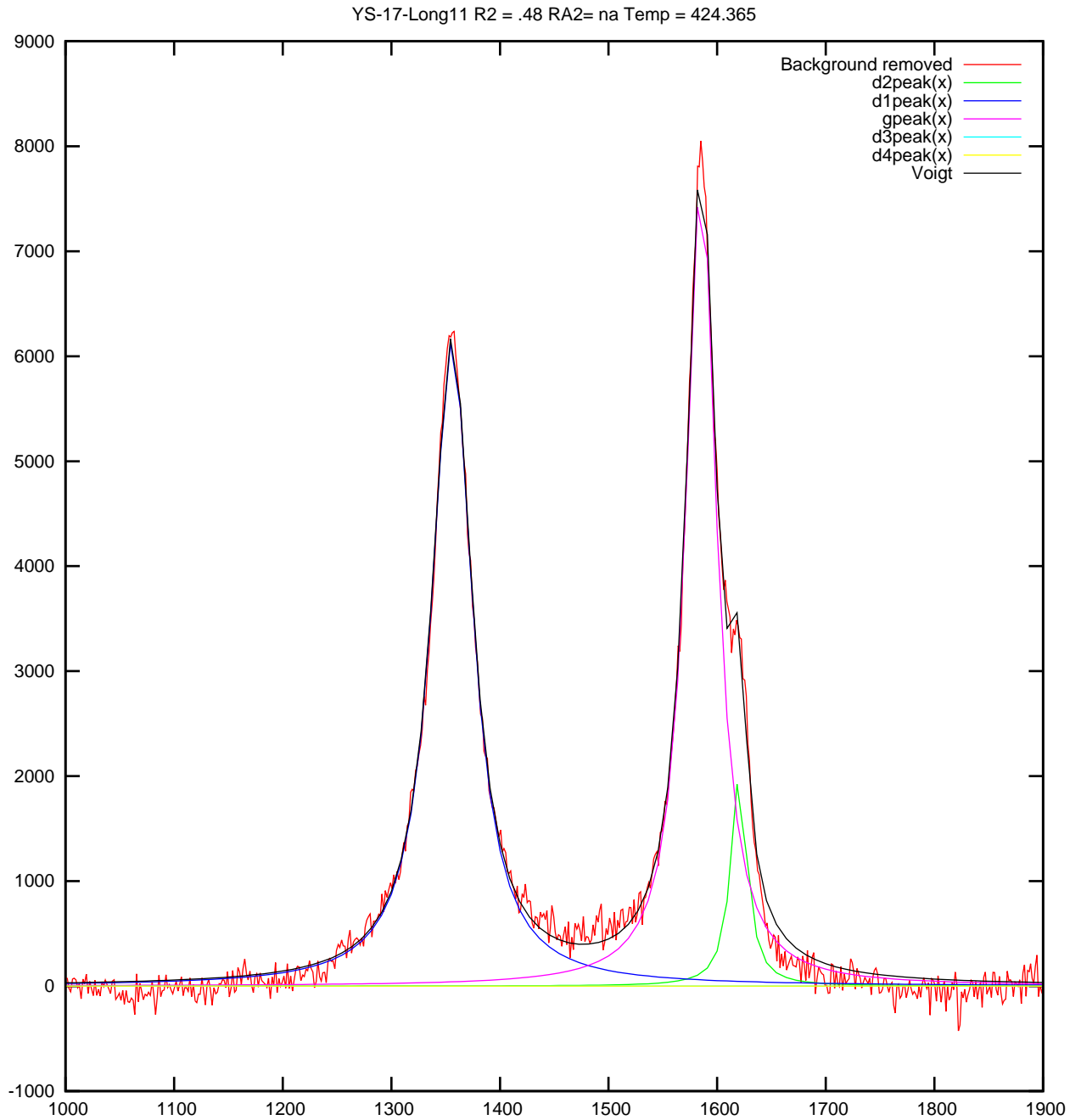
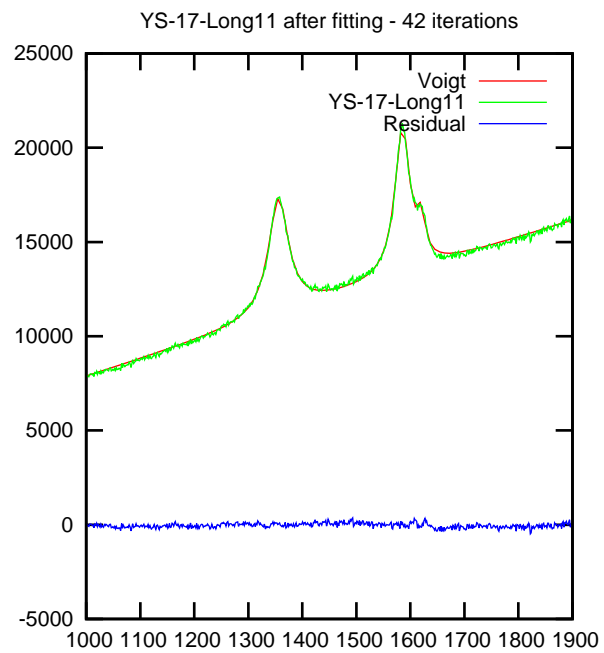
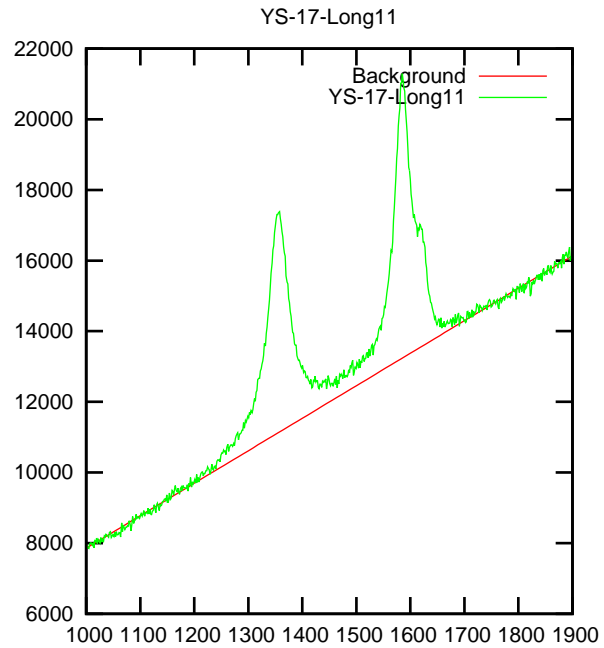


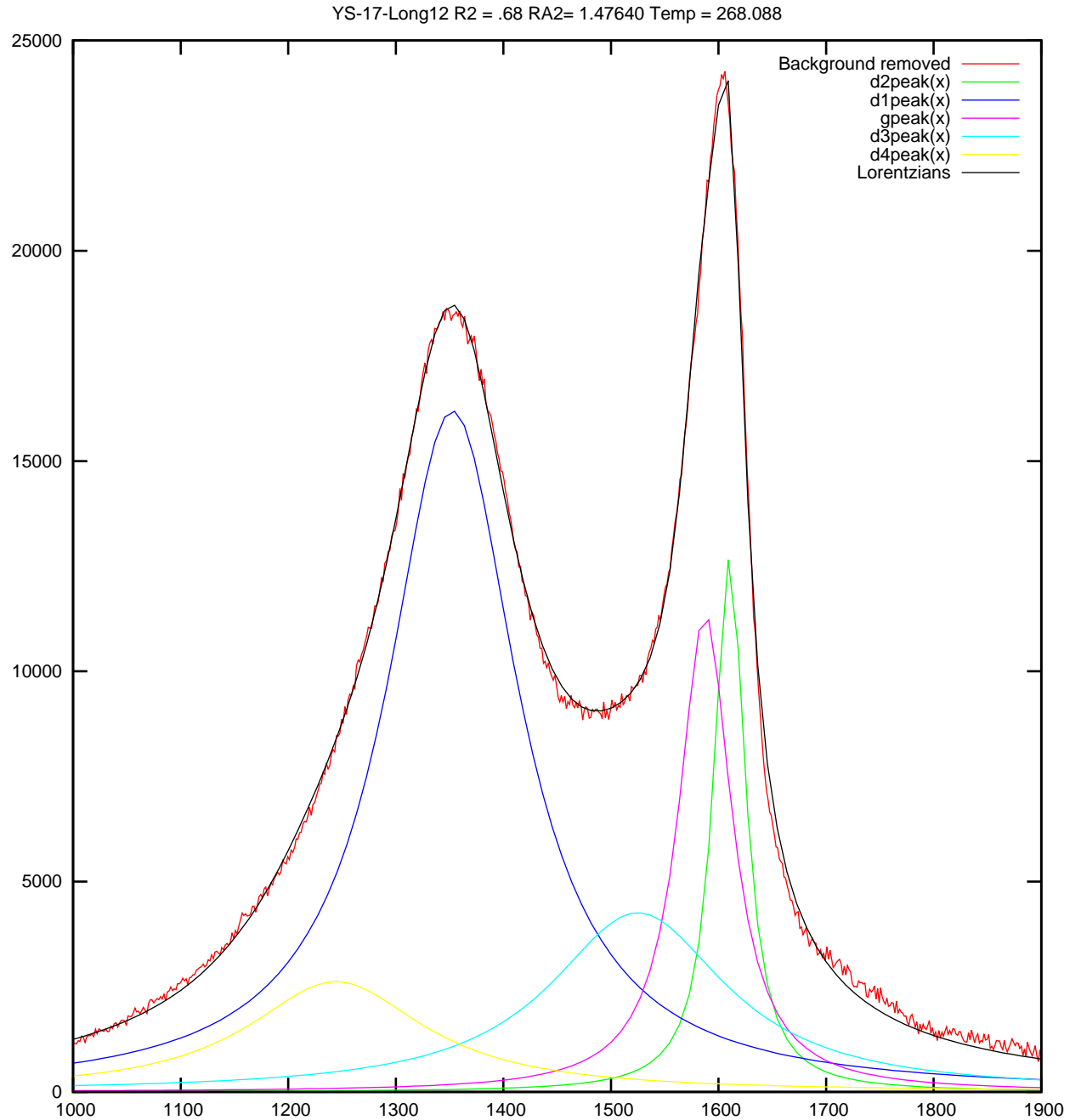
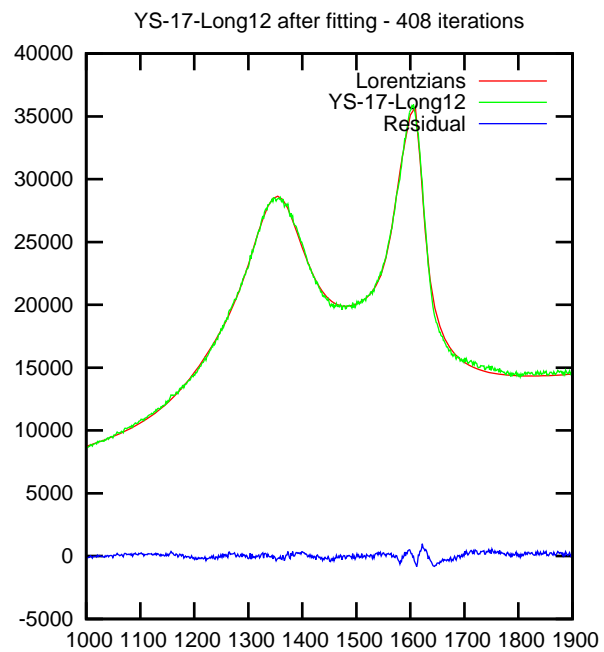
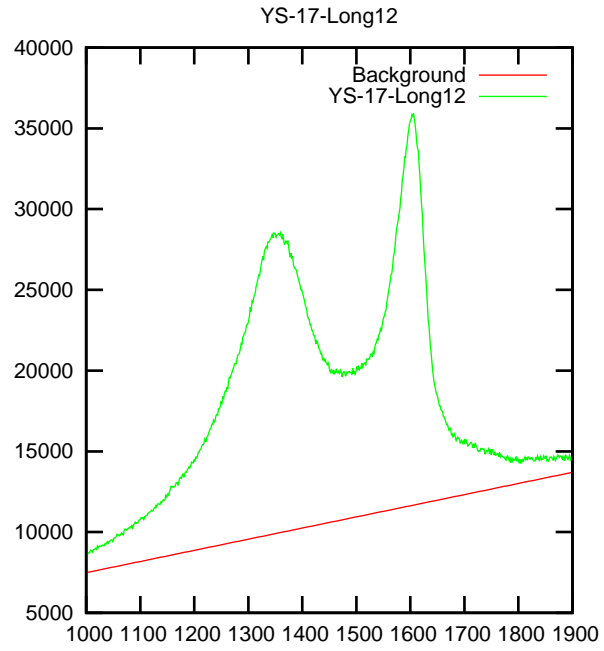
YS-17-Long01 after fitting - 147 iterations

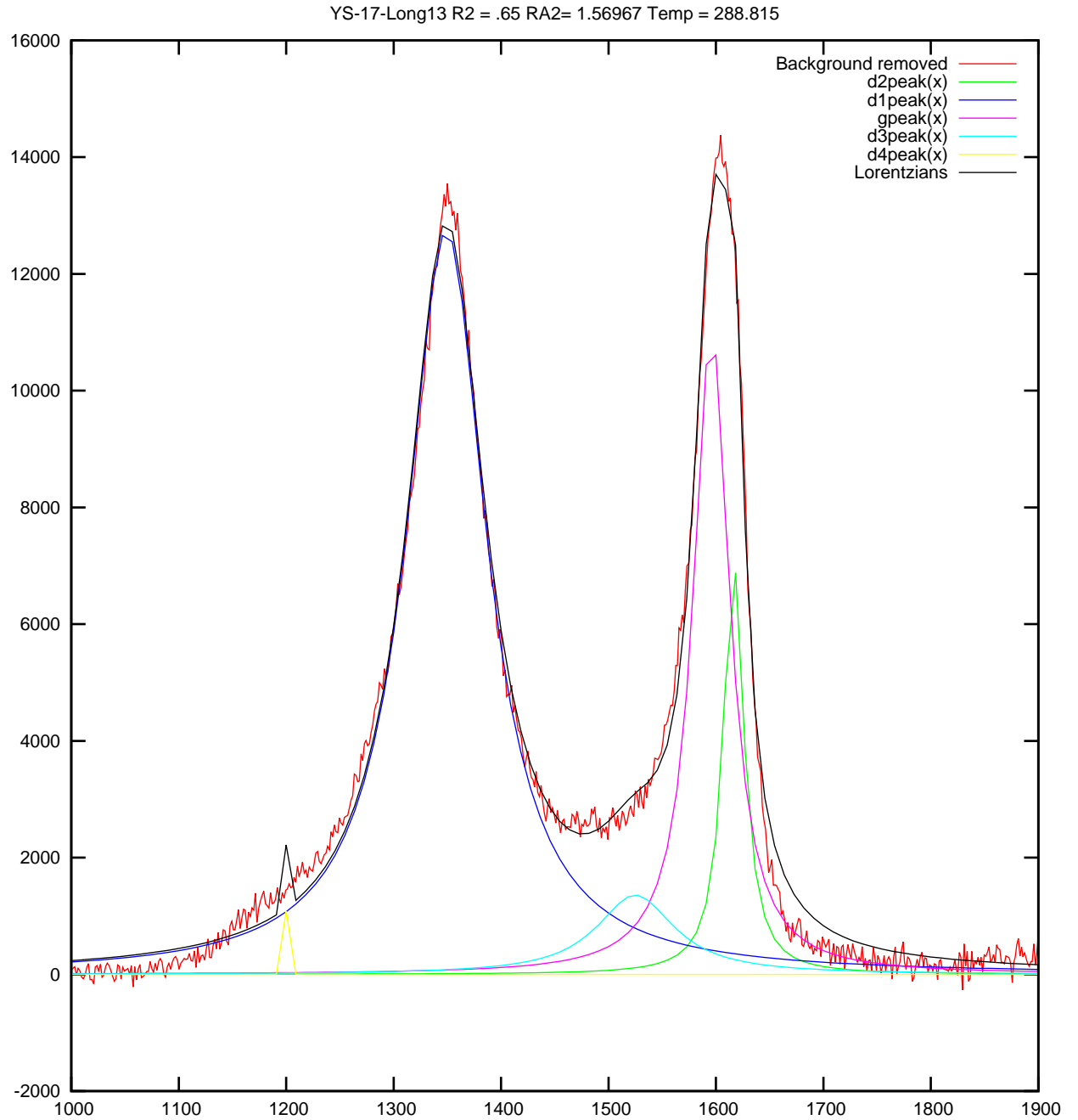
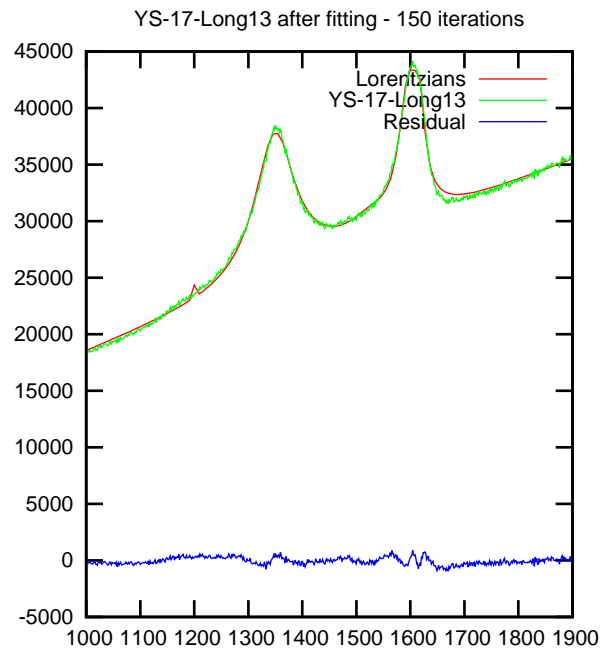
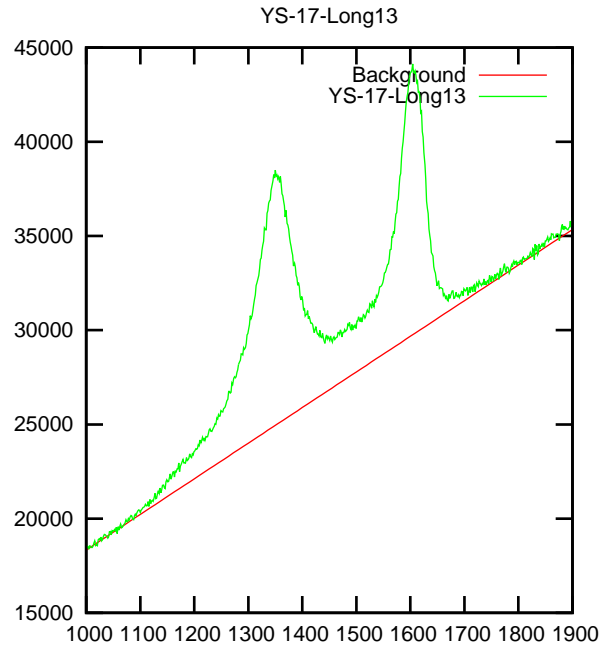


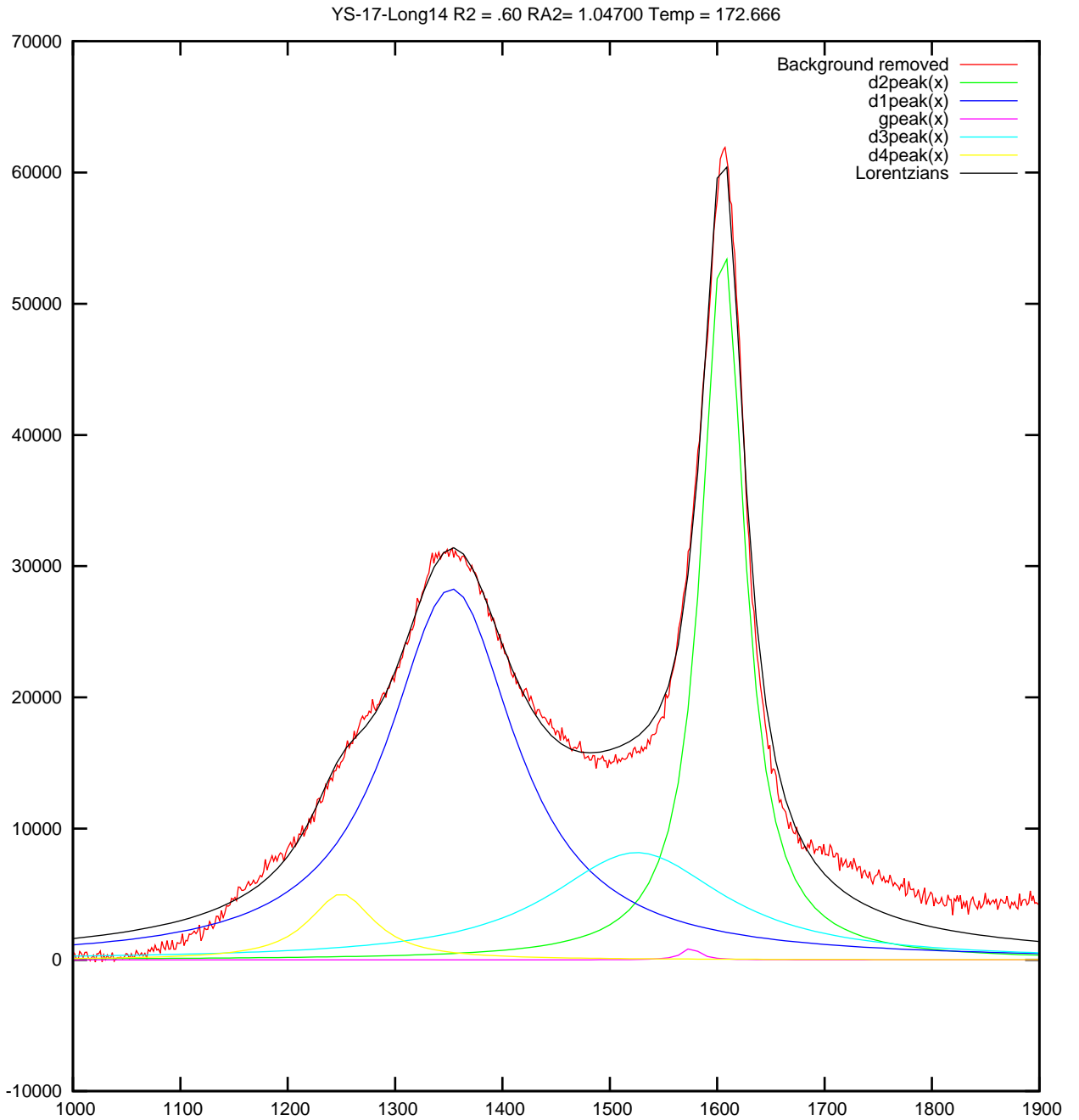
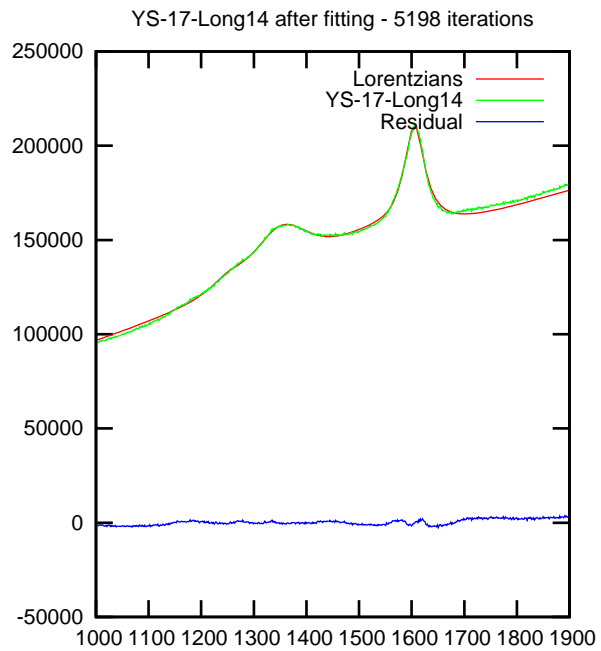
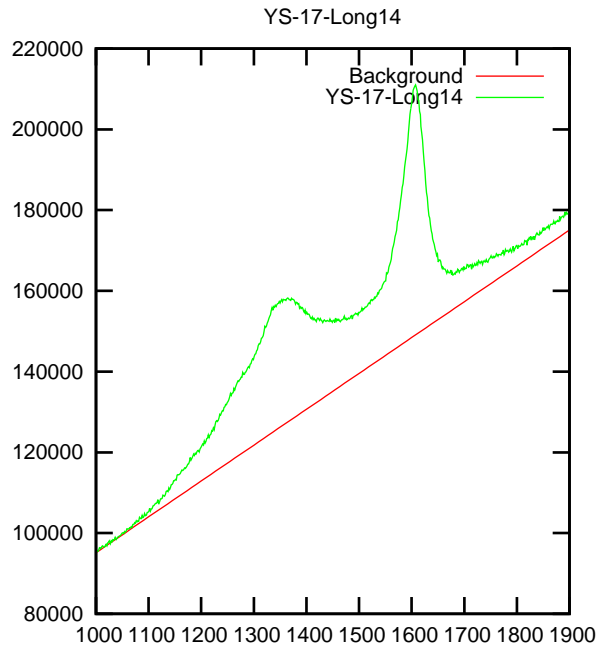


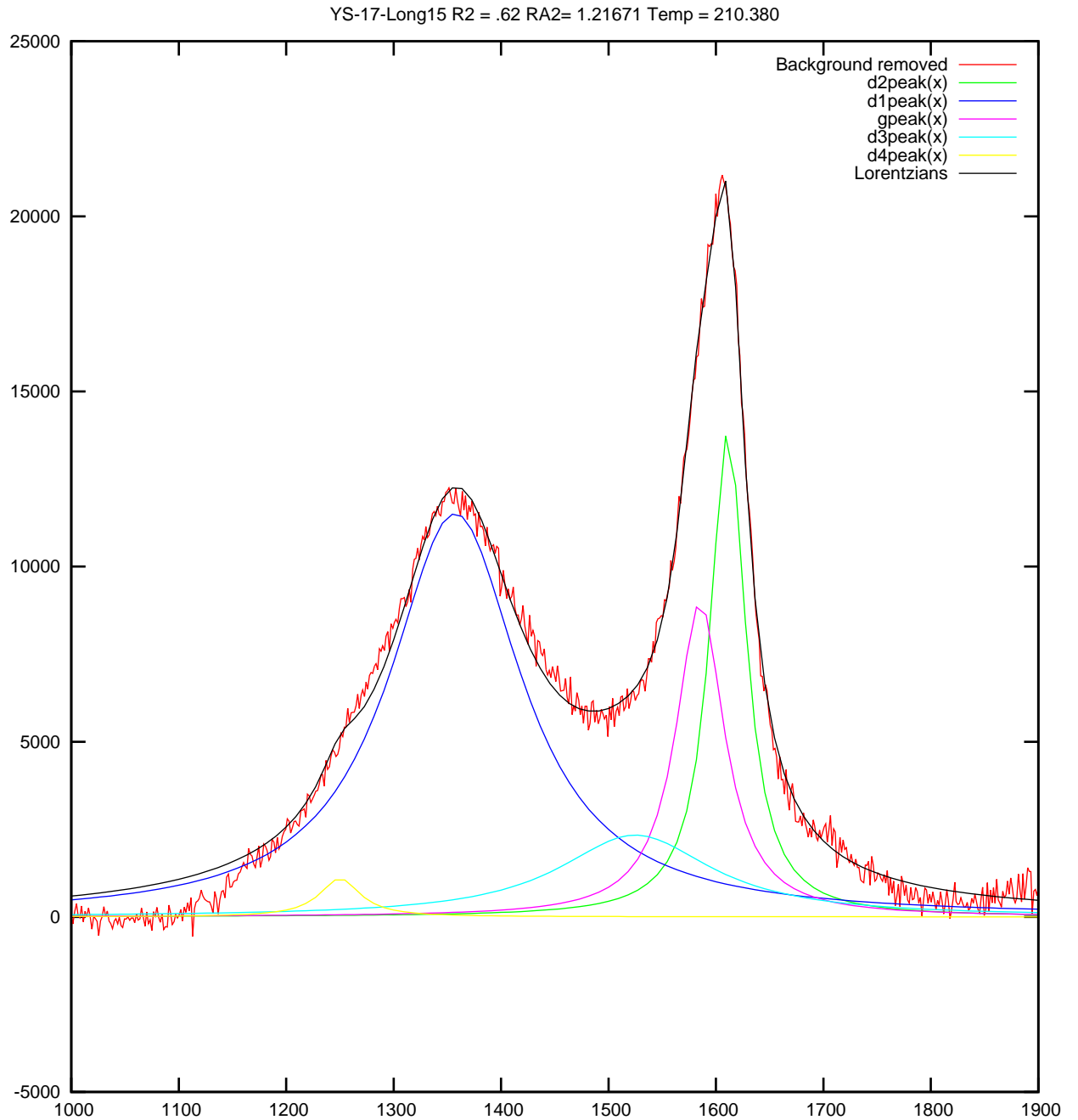
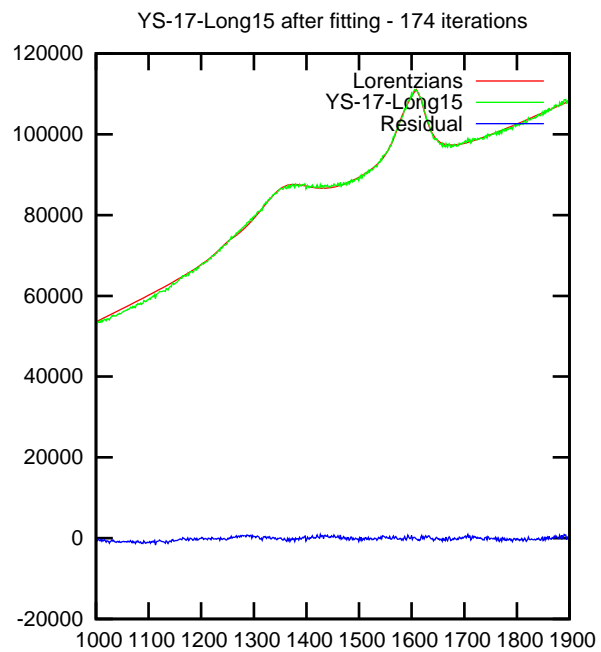
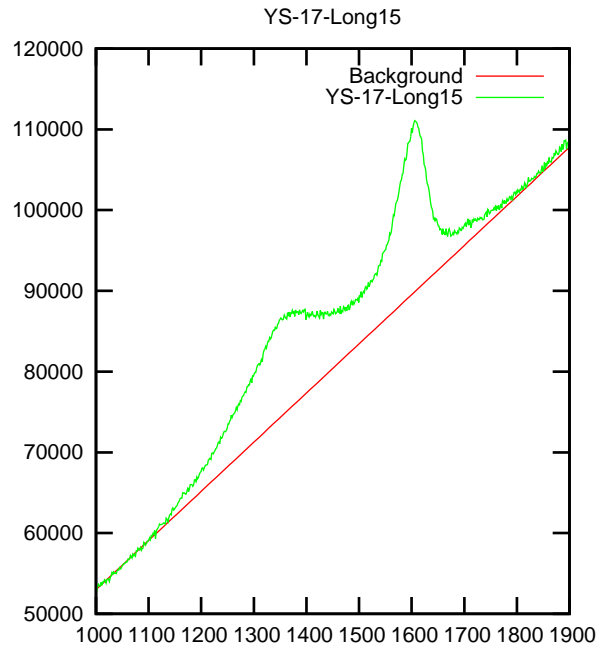




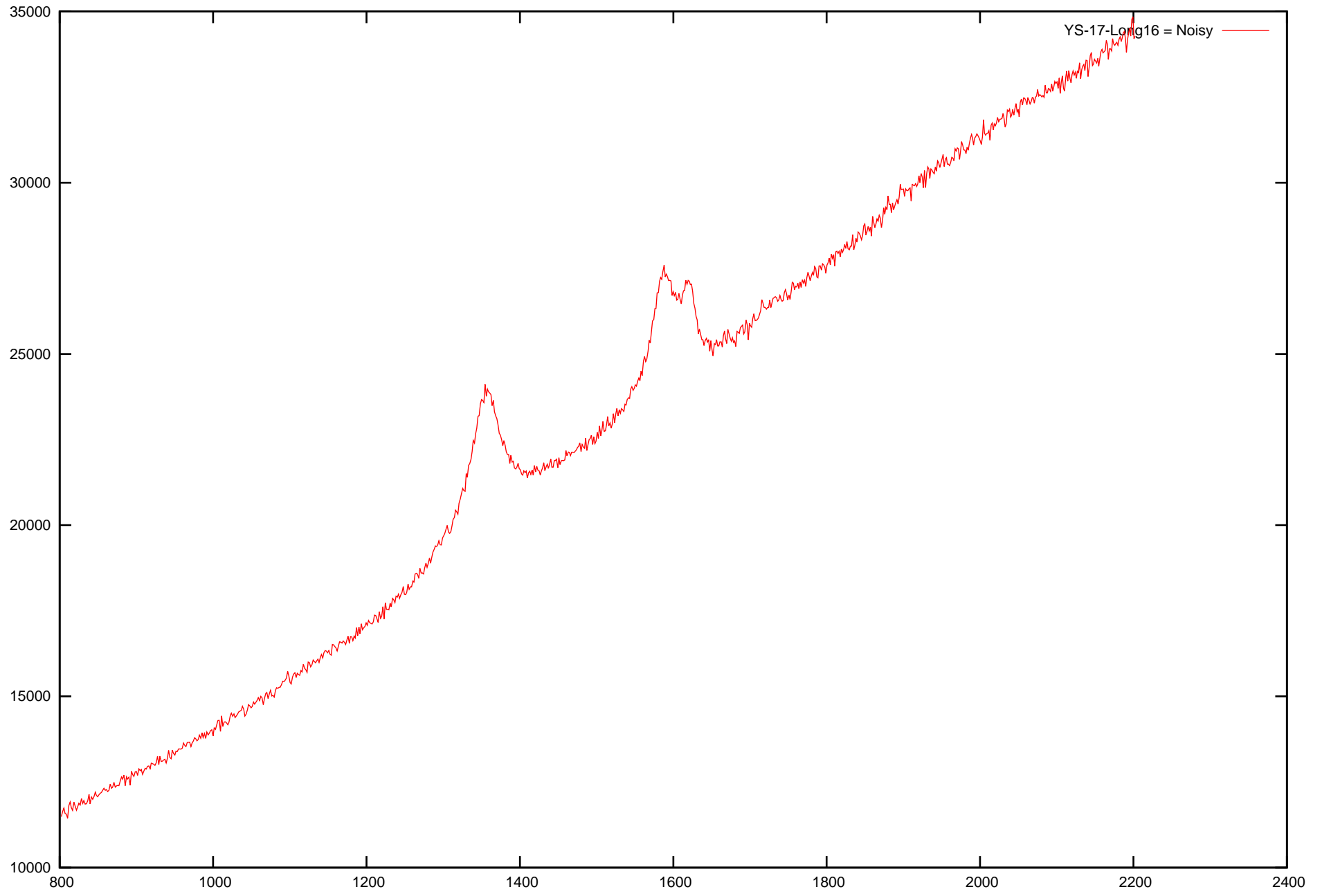






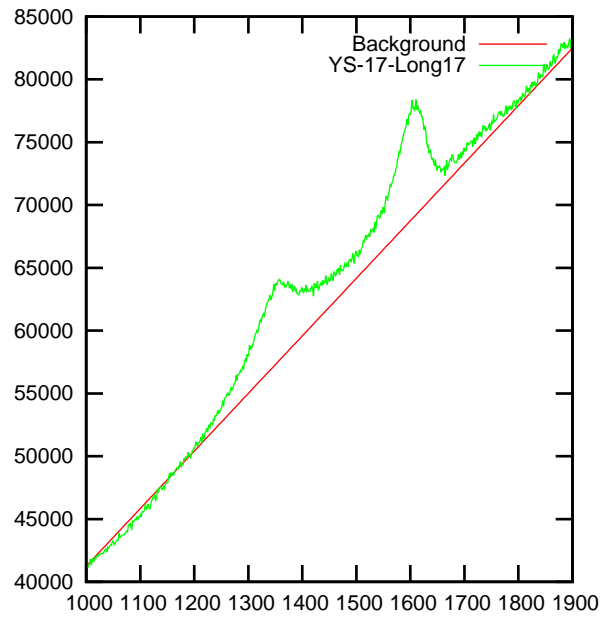


YS-17-Long16 = Noisy

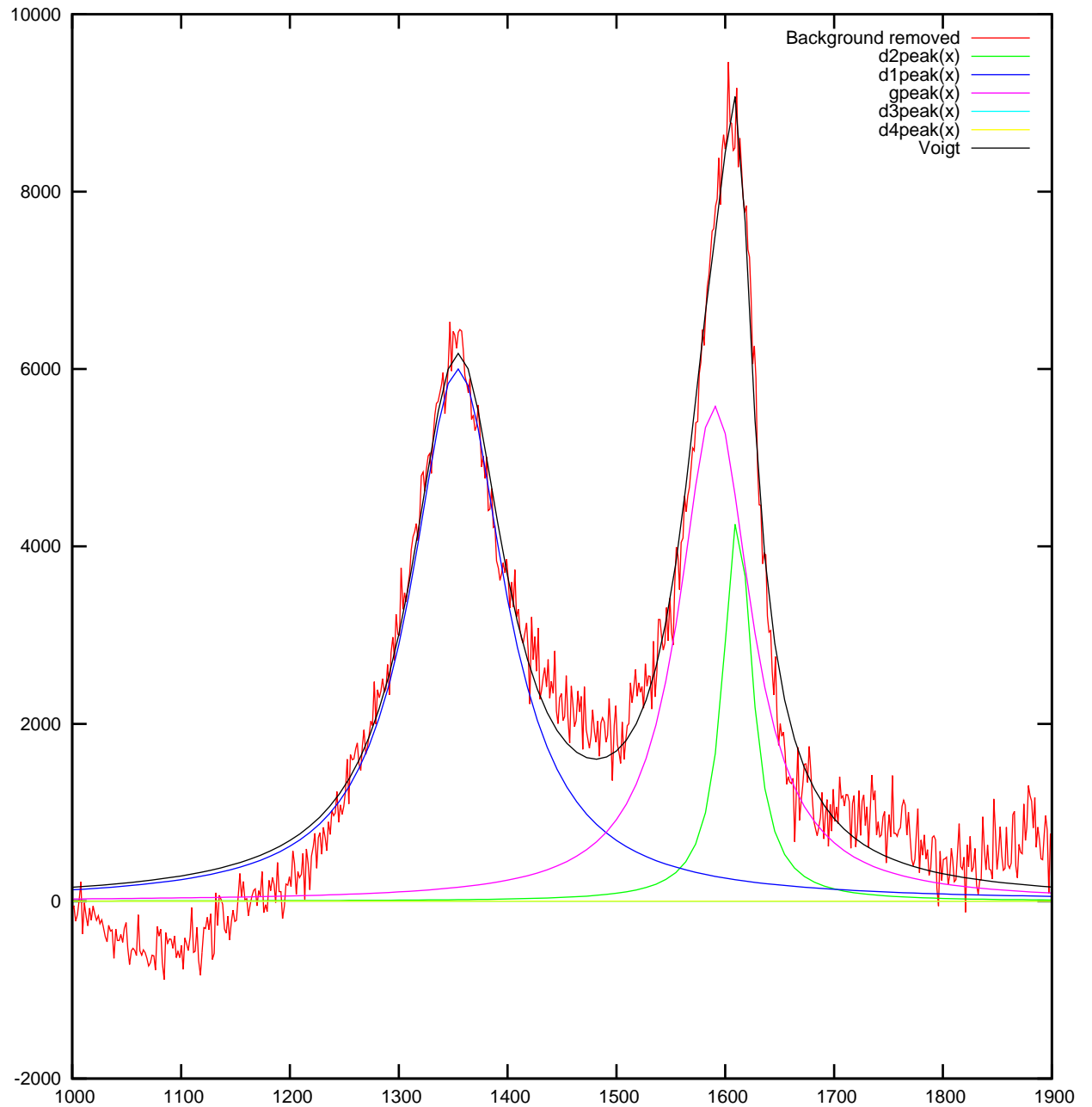


YS-17-Long16 = Noisy

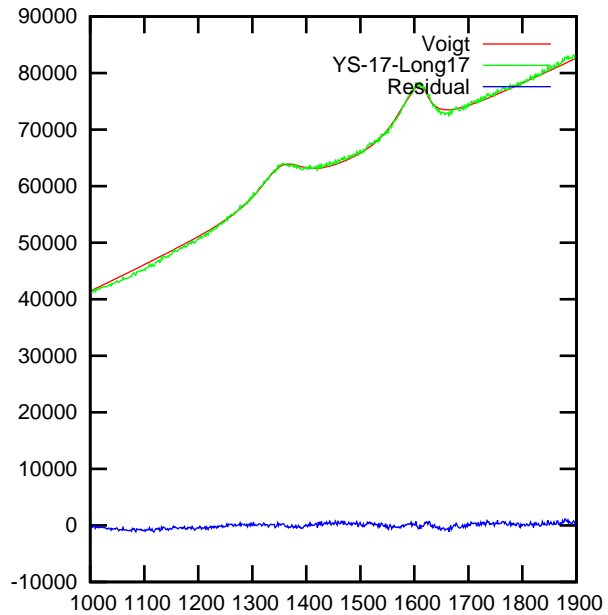
YS-17-Long17

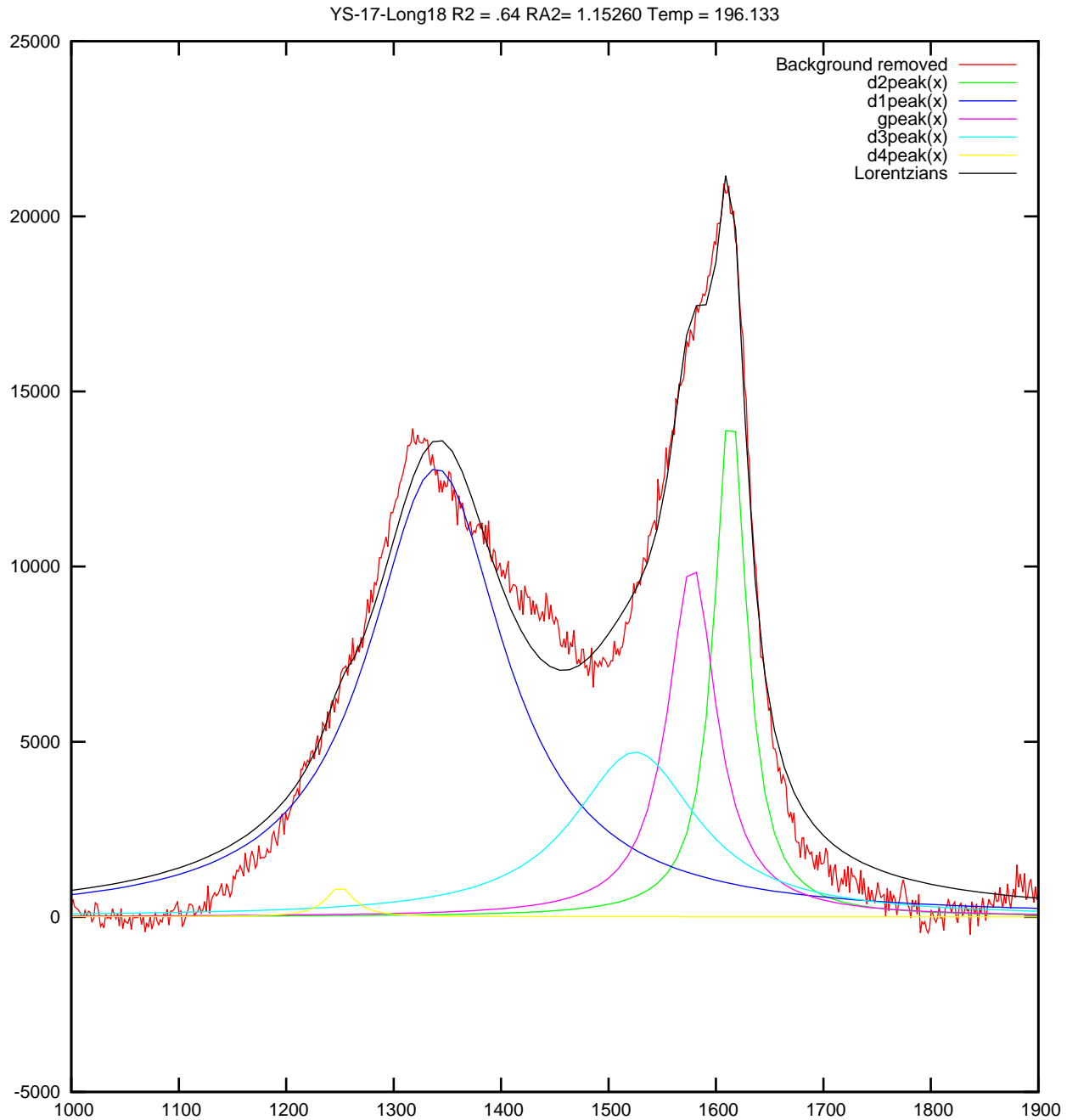
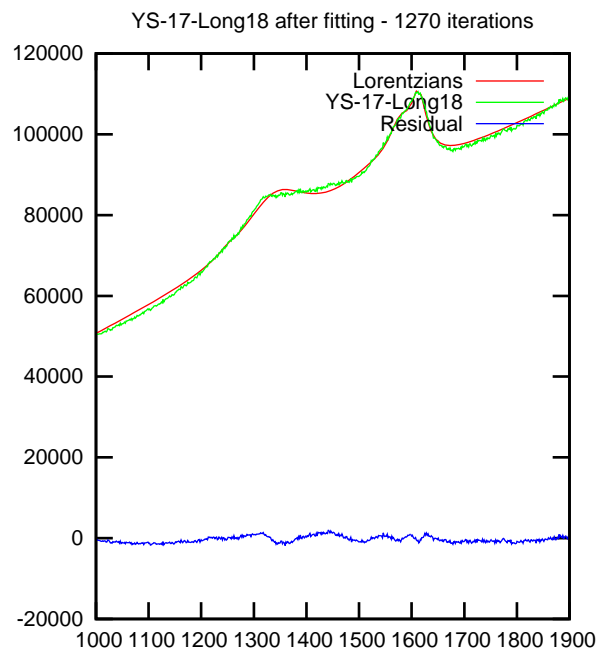
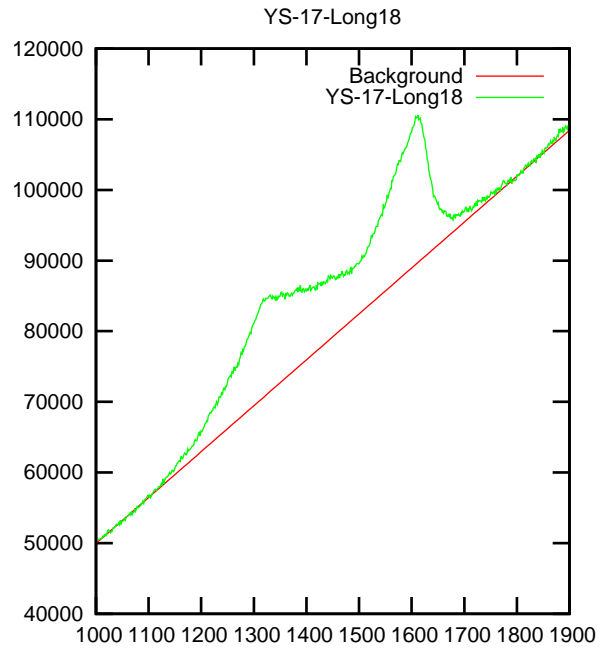


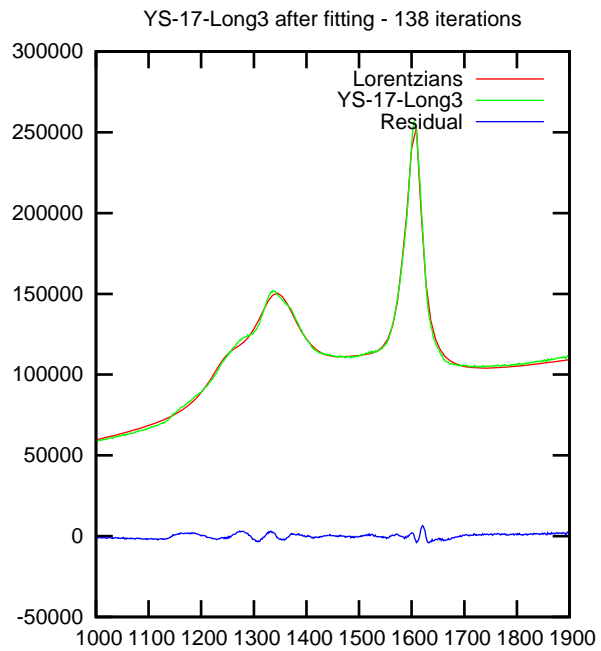
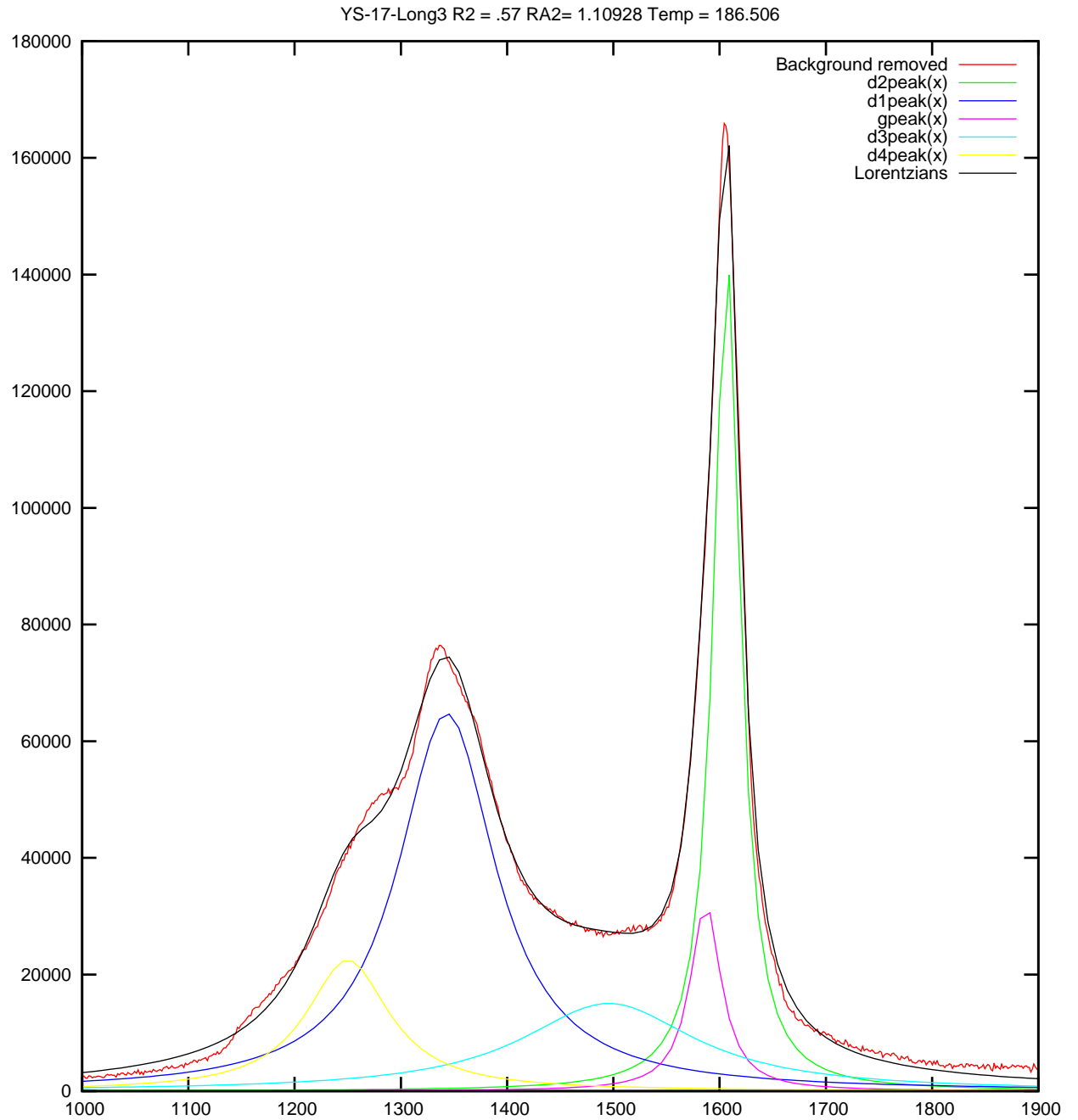
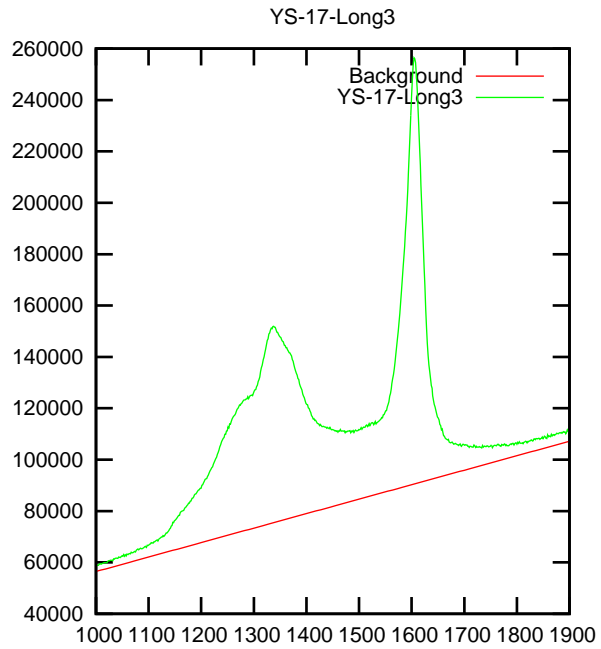
YS-17-Long17 R2 = .51 RA2= na Temp = 411.001

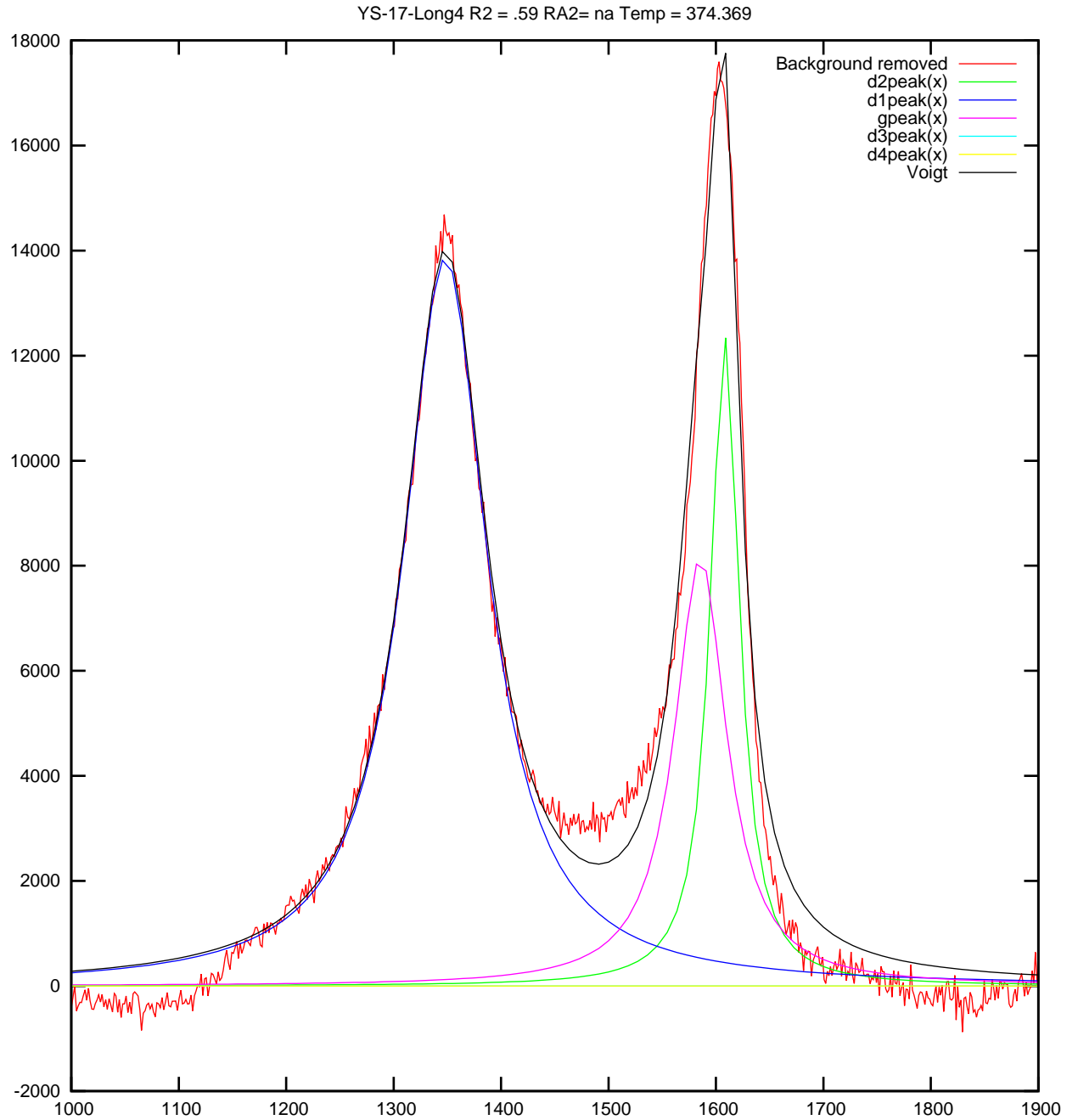
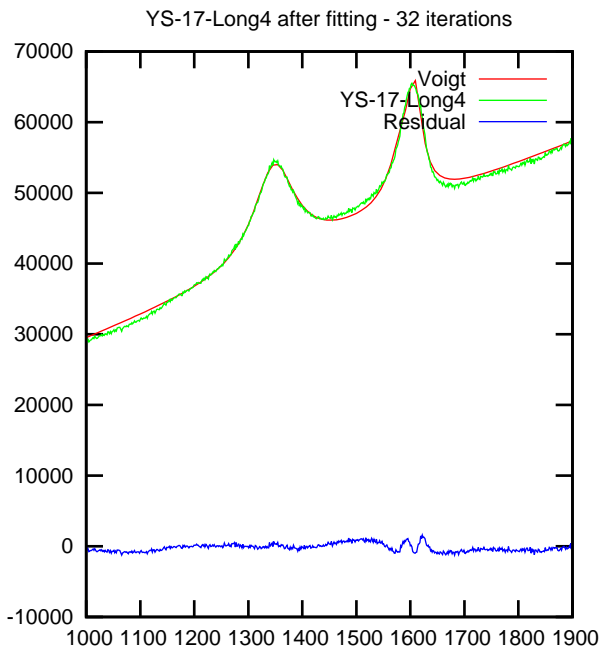
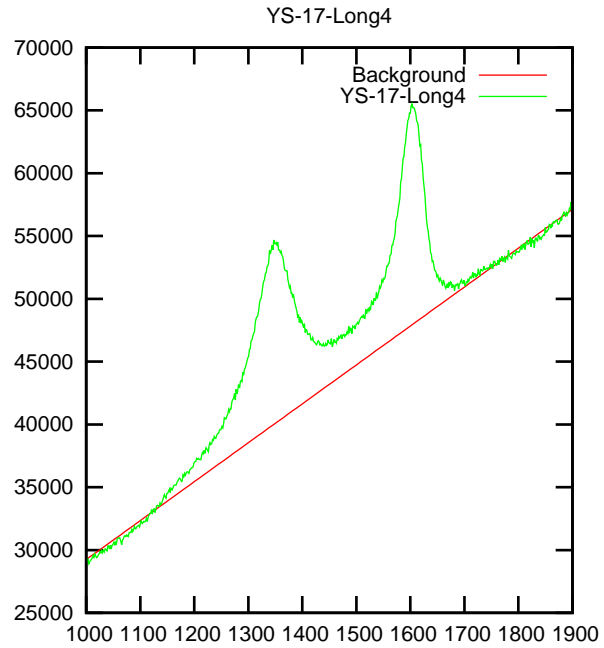


YS-17-Long17 after fitting - 91 iterations

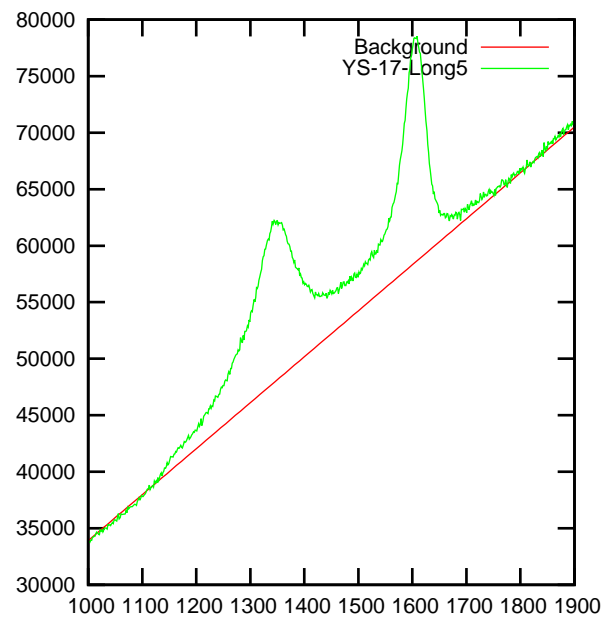




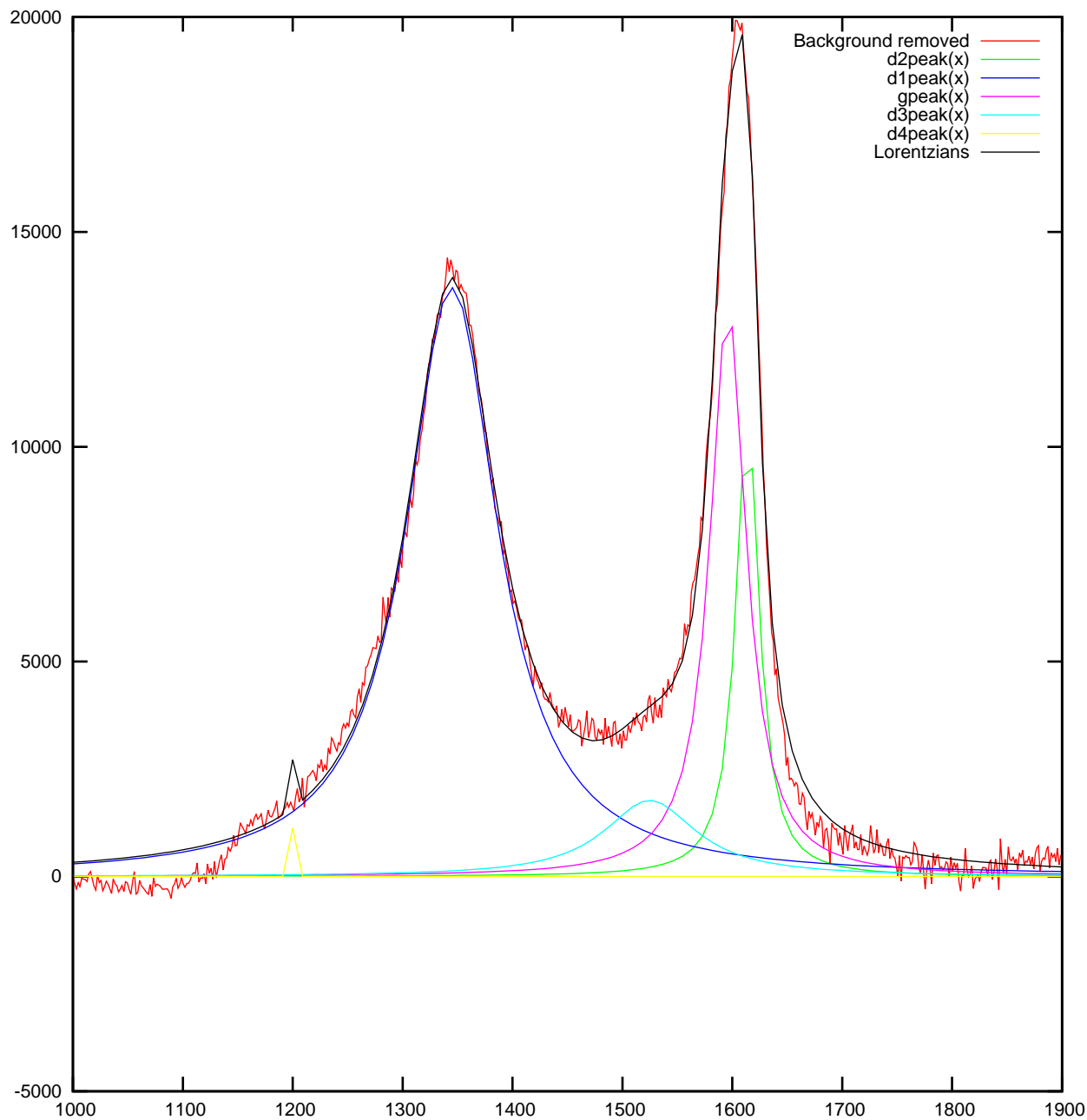




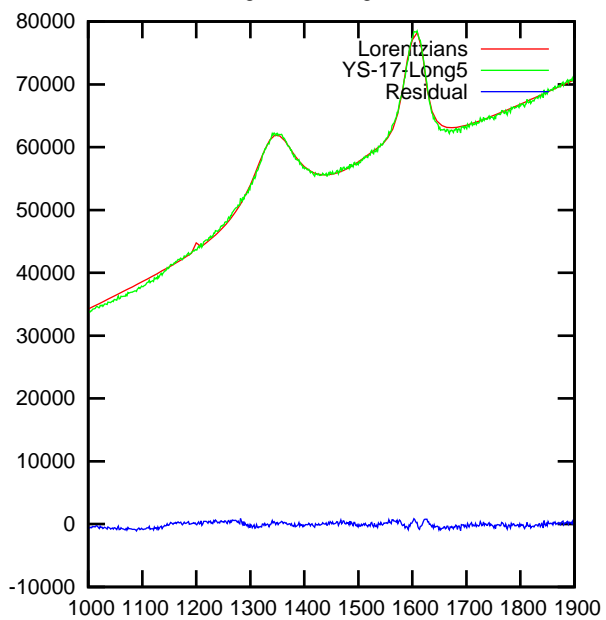
YS-17-Long5

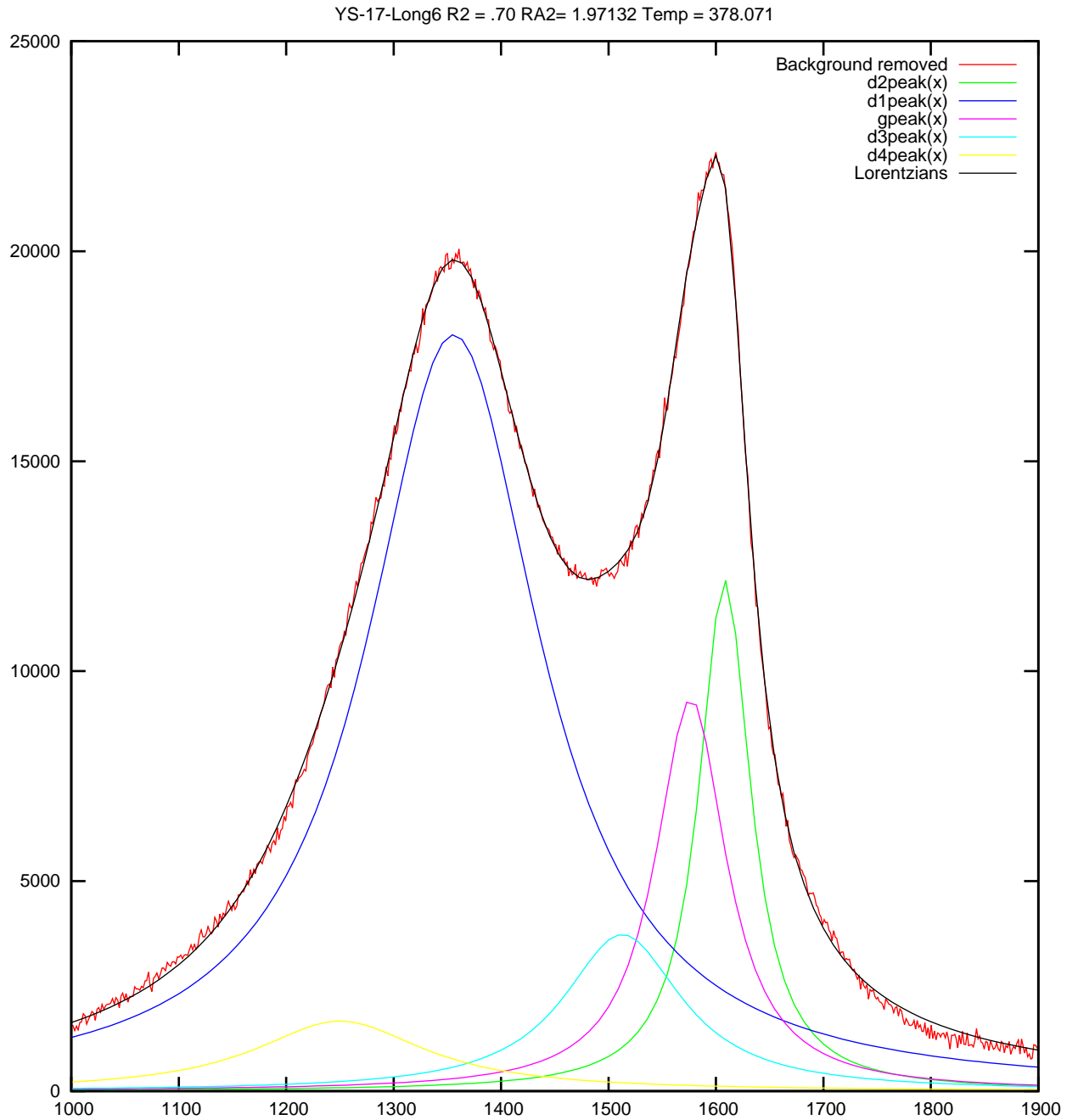
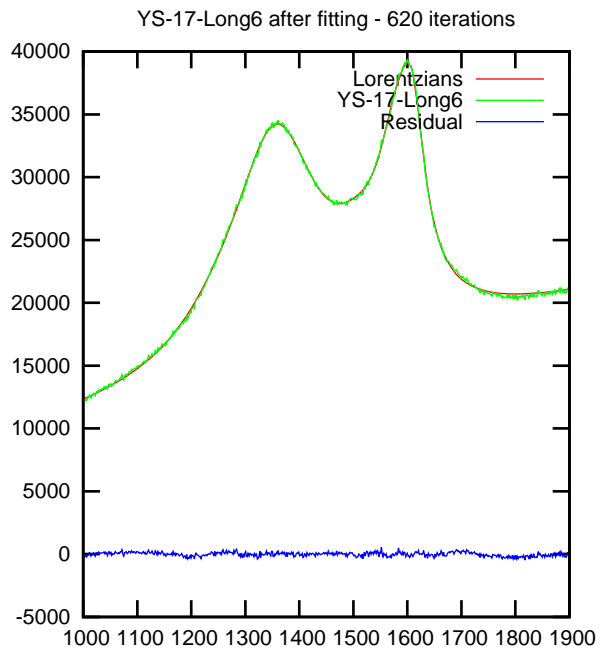
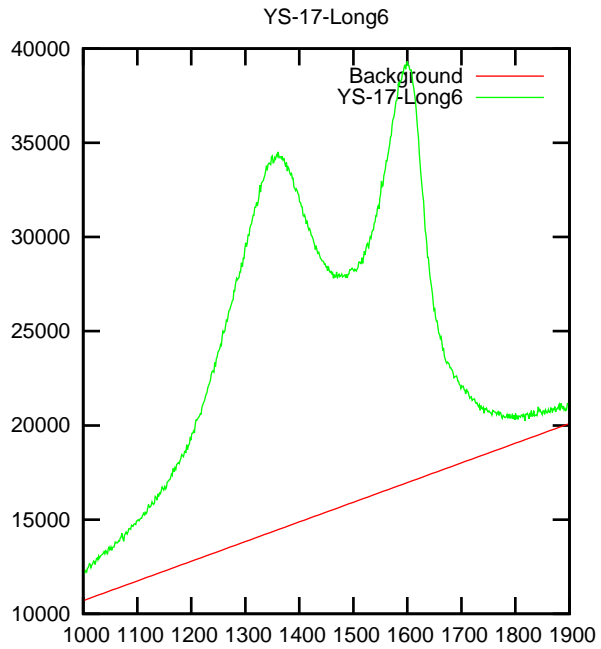


YS-17-Long5 R2 = .63 RA2= 1.42525 Temp = 256.722

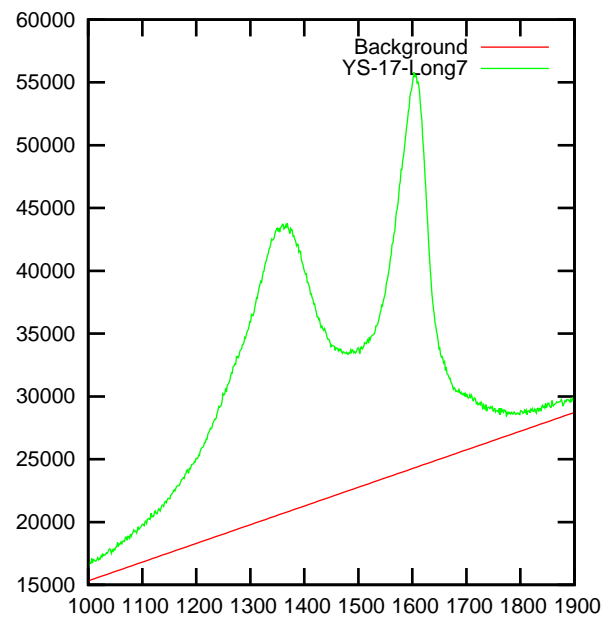


YS-17-Long5 after fitting - 178 iterations

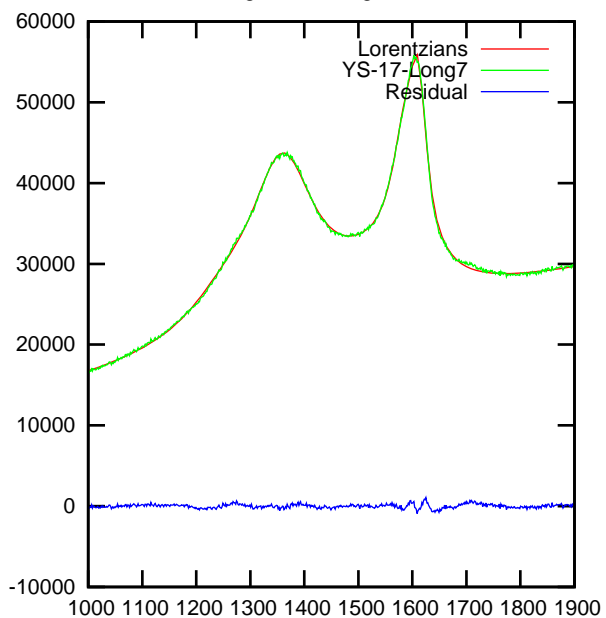




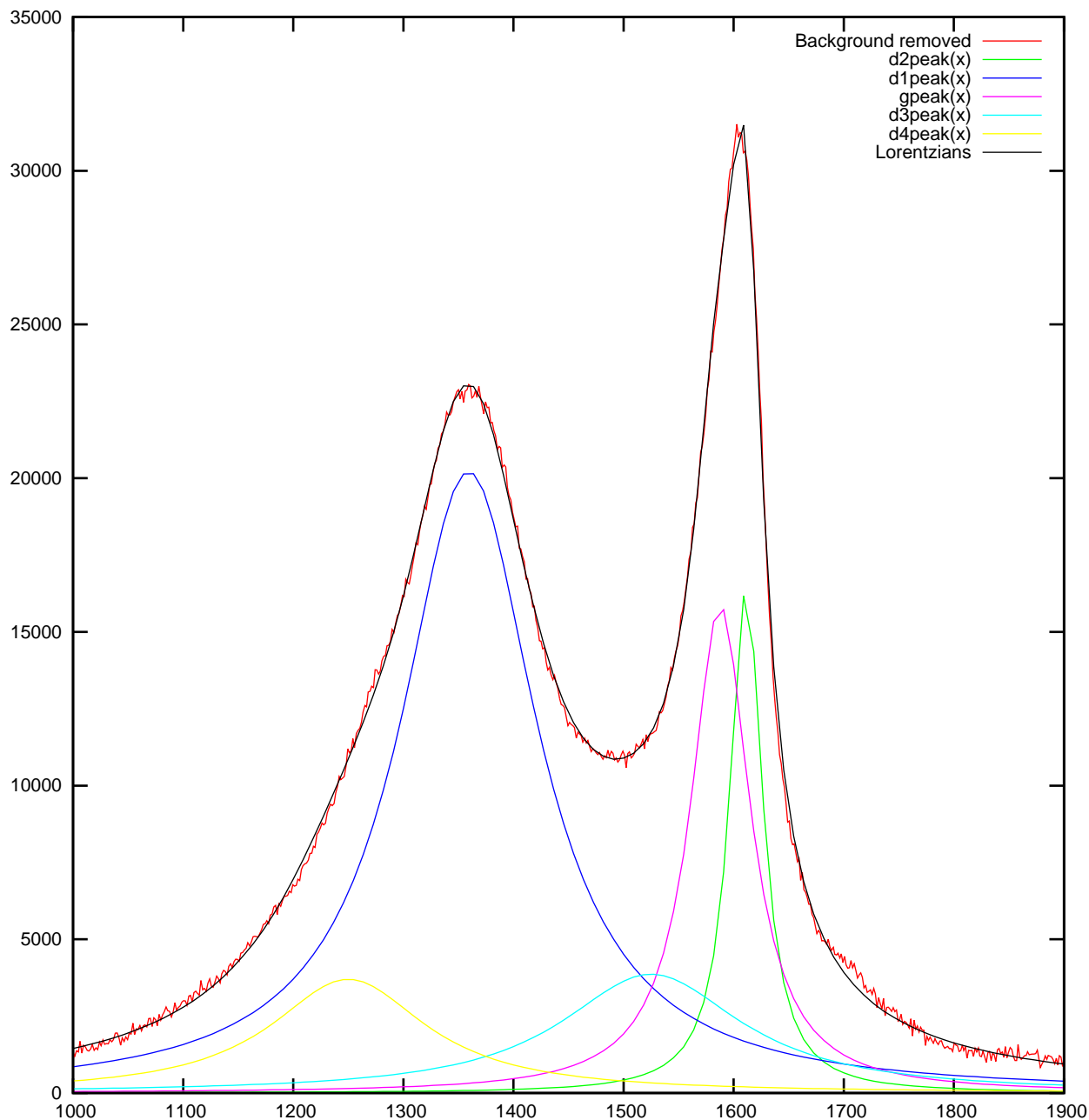
YS-17-Long7



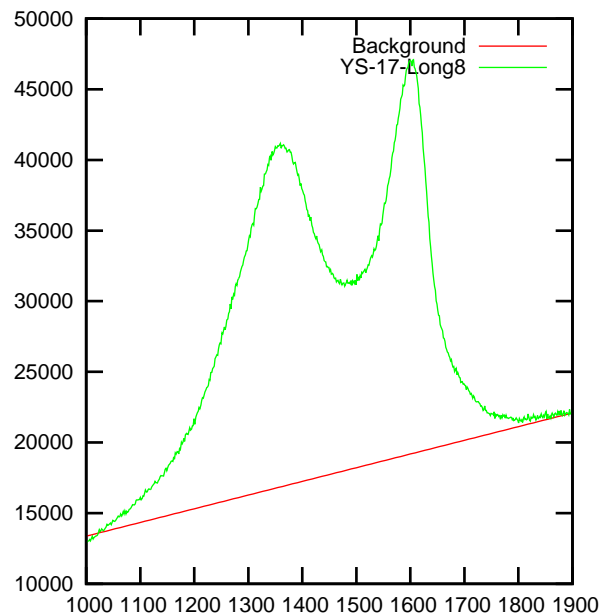
YS-17-Long7 after fitting - 169 iterations



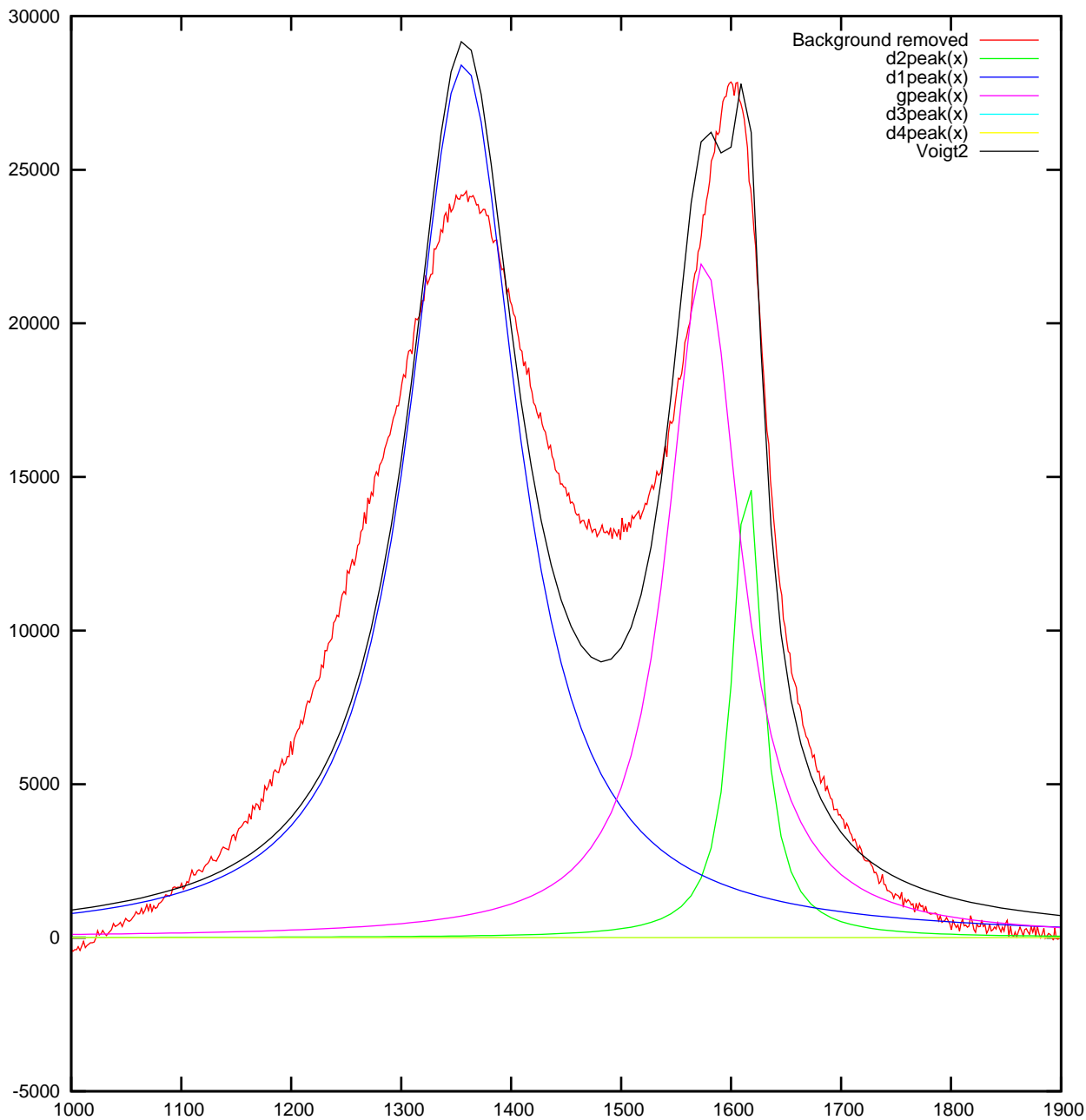
YS-17-Long7 R2 = .65 RA2= 1.53506 Temp = 281.124



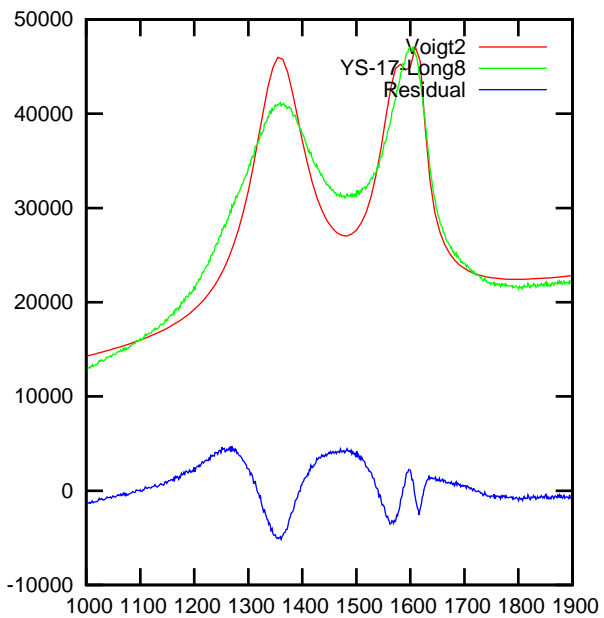
YS-17-Long8



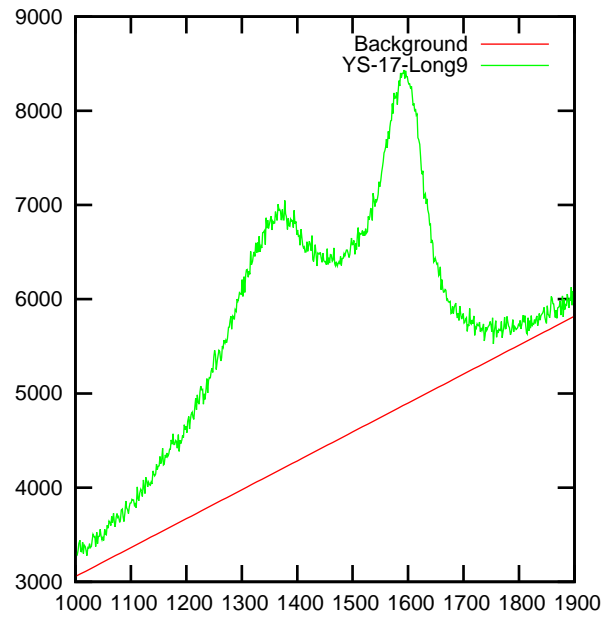
YS-17-Long8 R2 = .60 RA2= 2.03076 Temp = 372.847



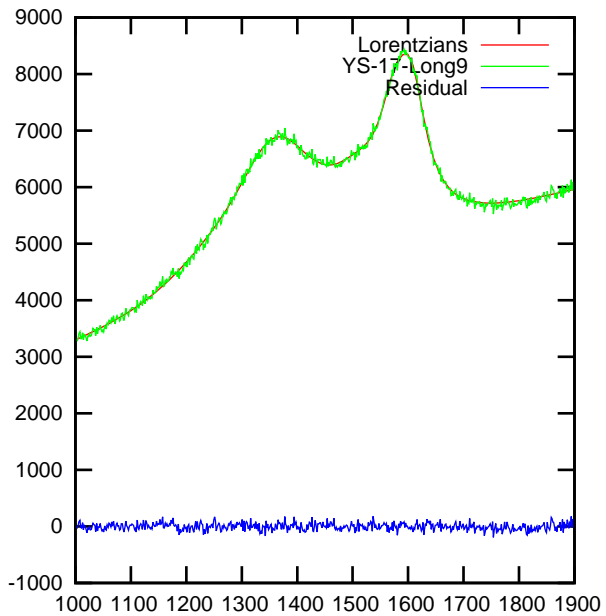
YS-17-Long8 after fitting - 844 iterations



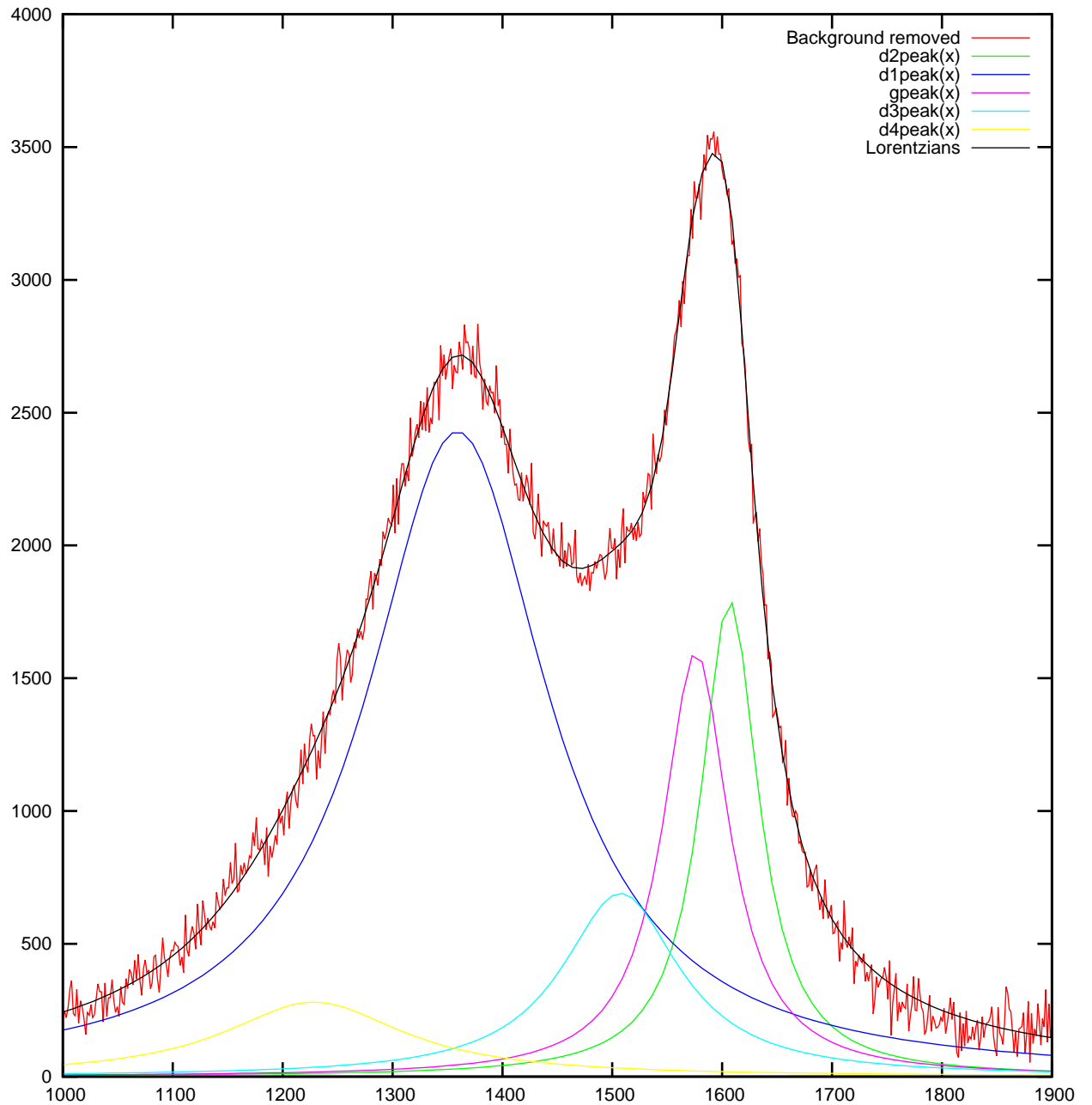
YS-17-Long9

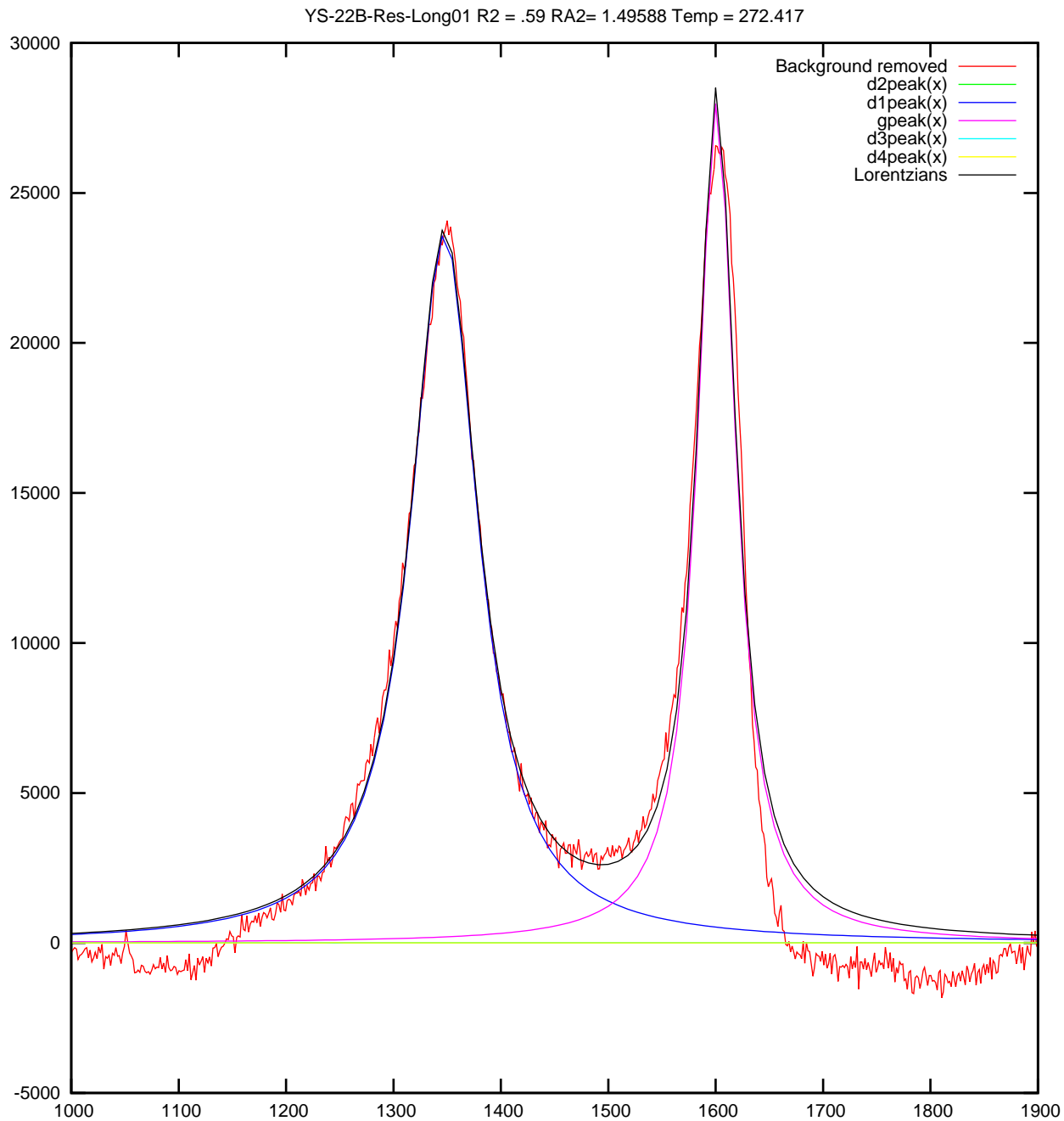
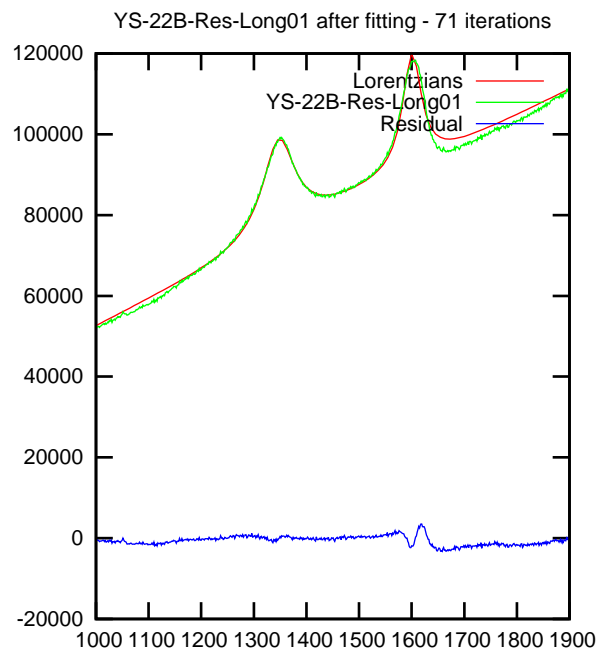
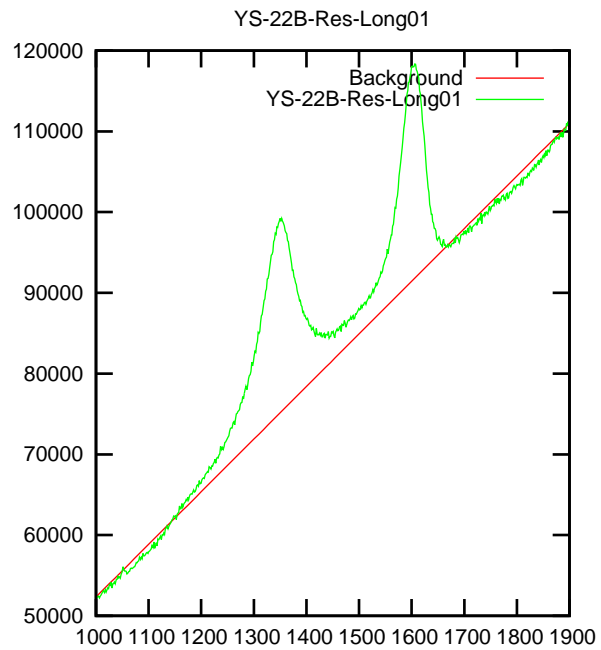


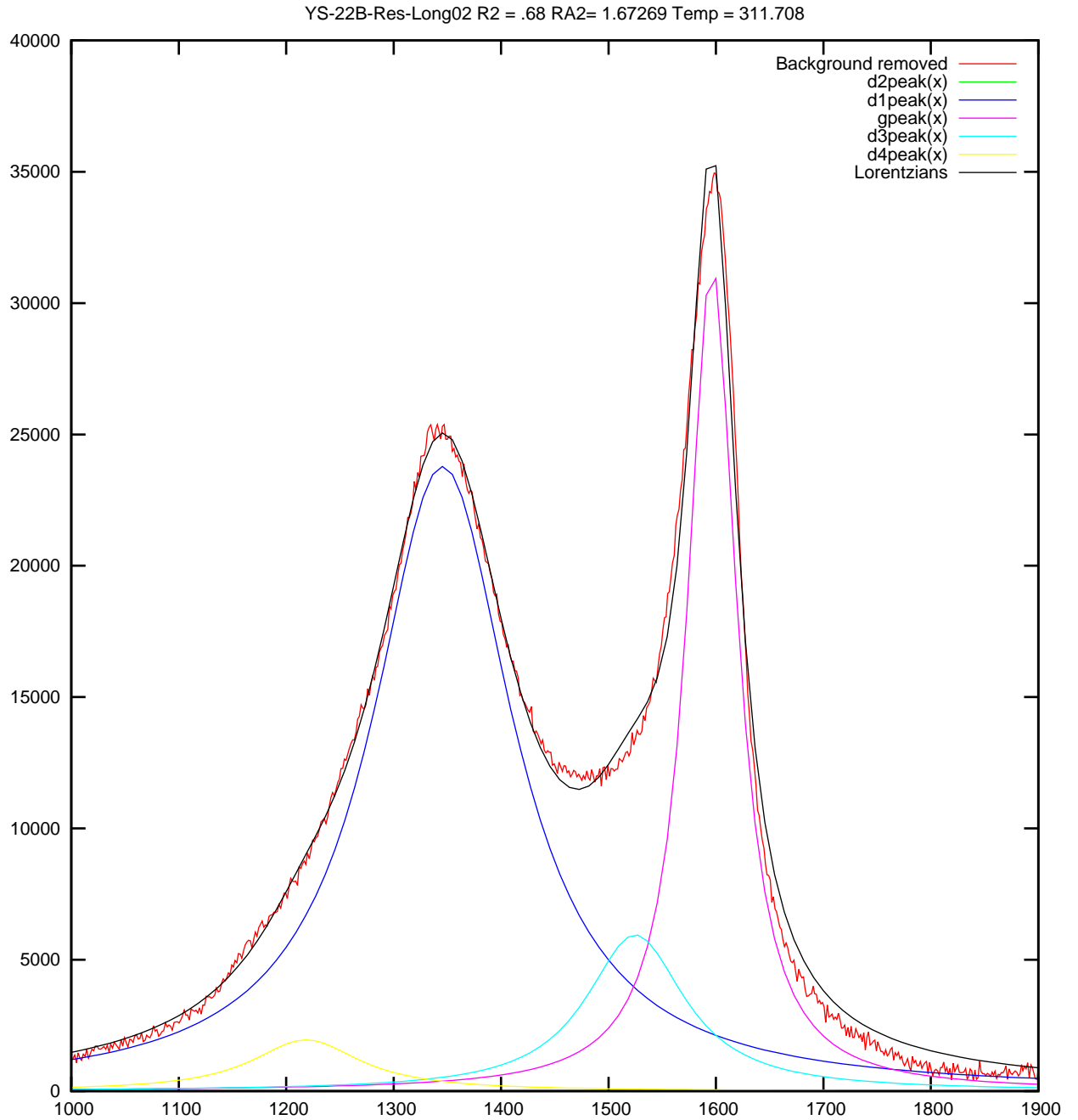
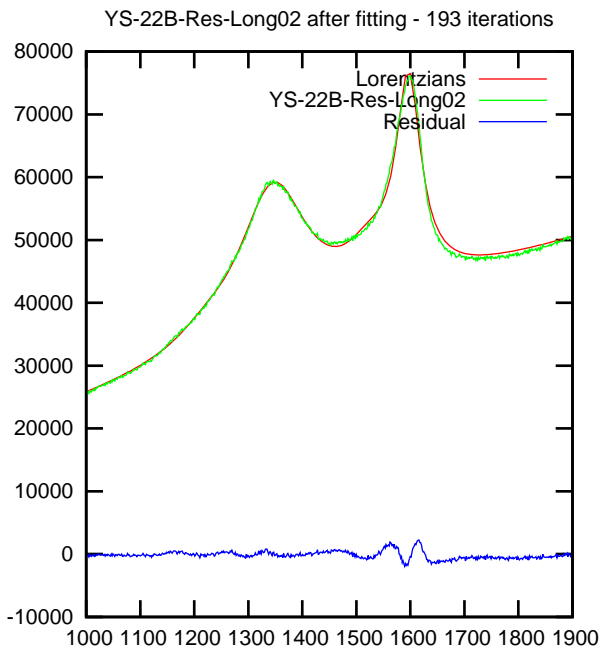
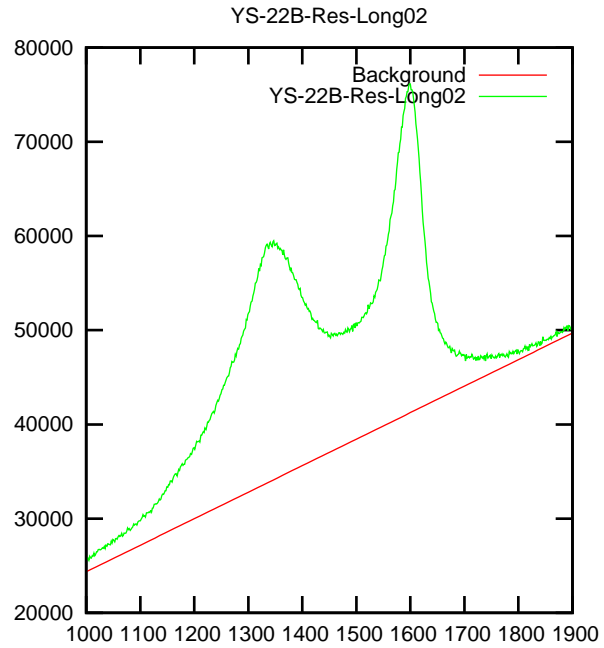
YS-17-Long9 after fitting - 428 iterations

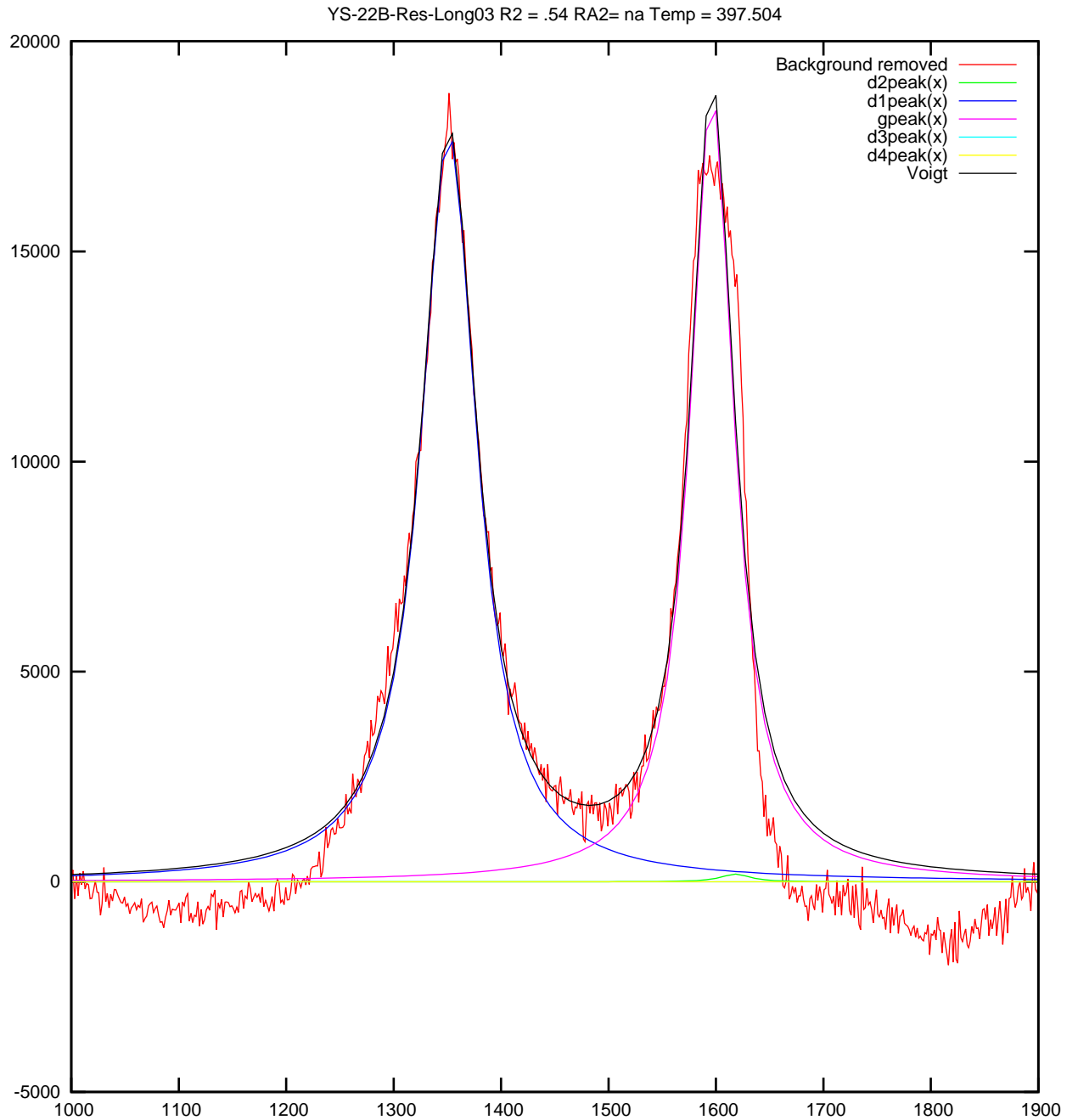
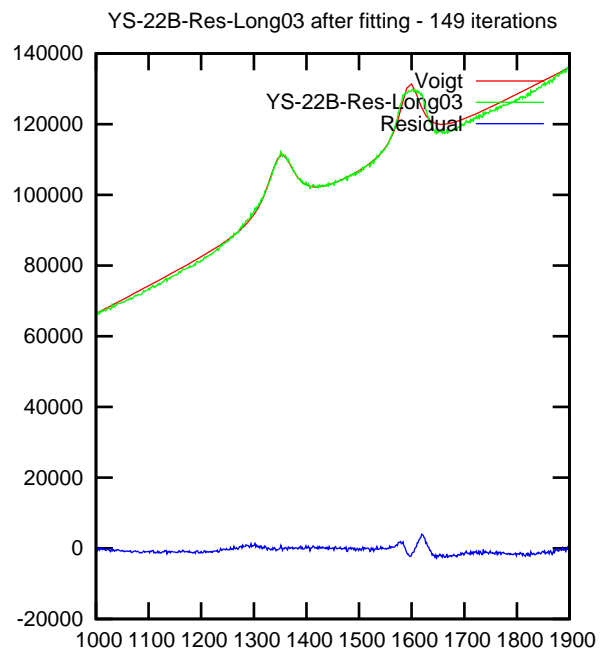
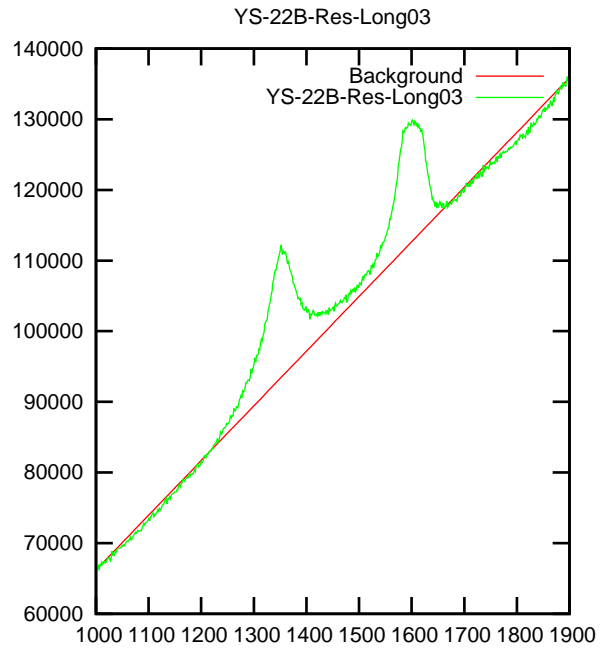


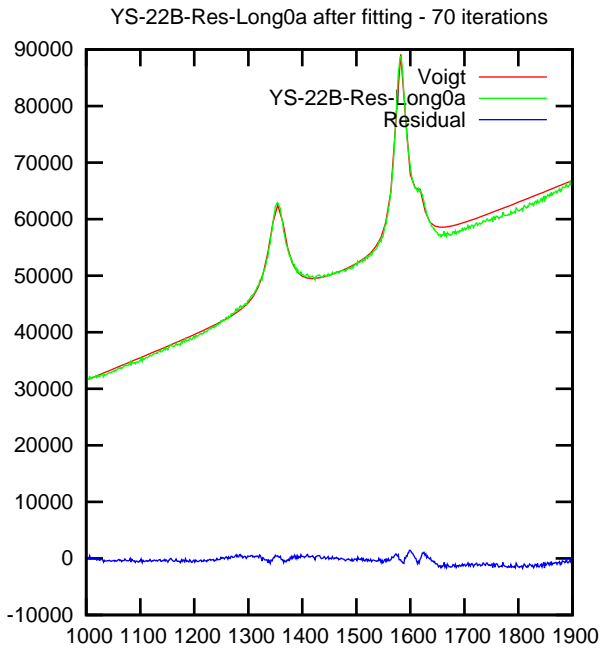
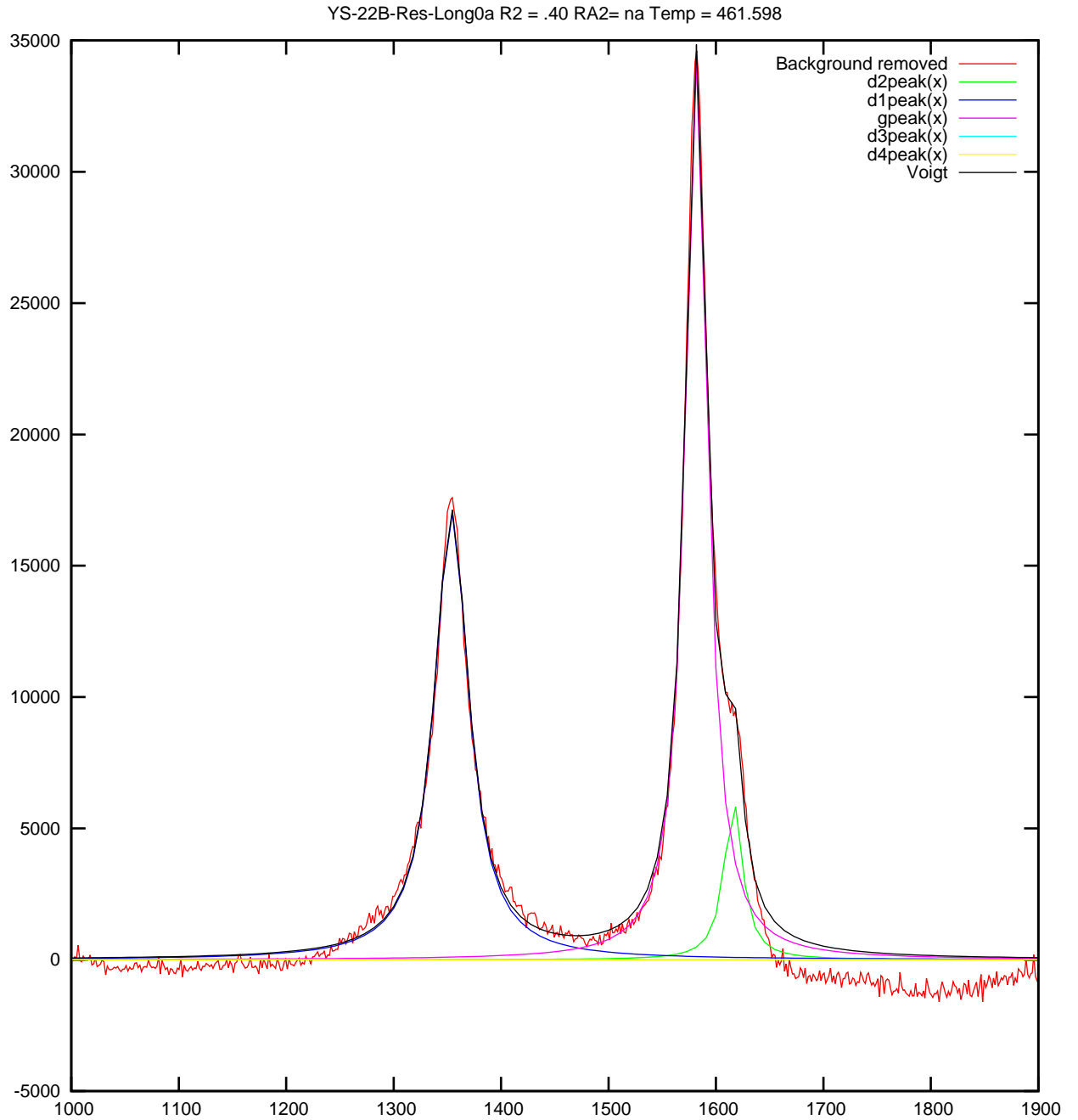
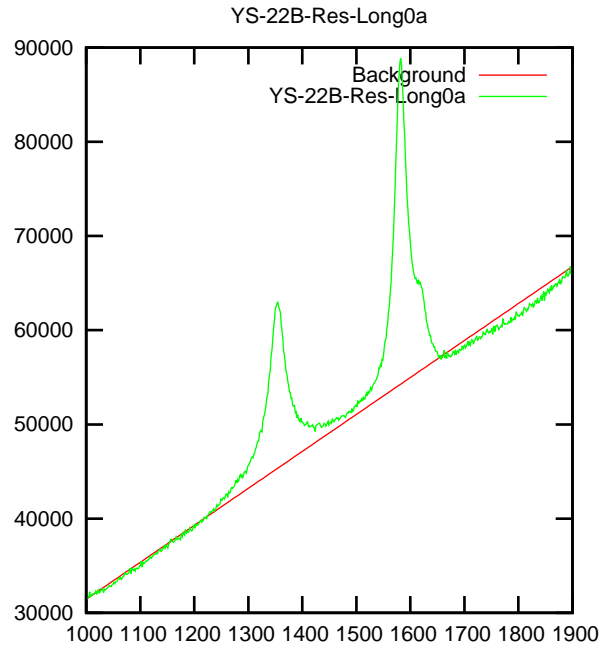
YS-17-Long9 R2 = .67 RA2= 1.68588 Temp = 314.640



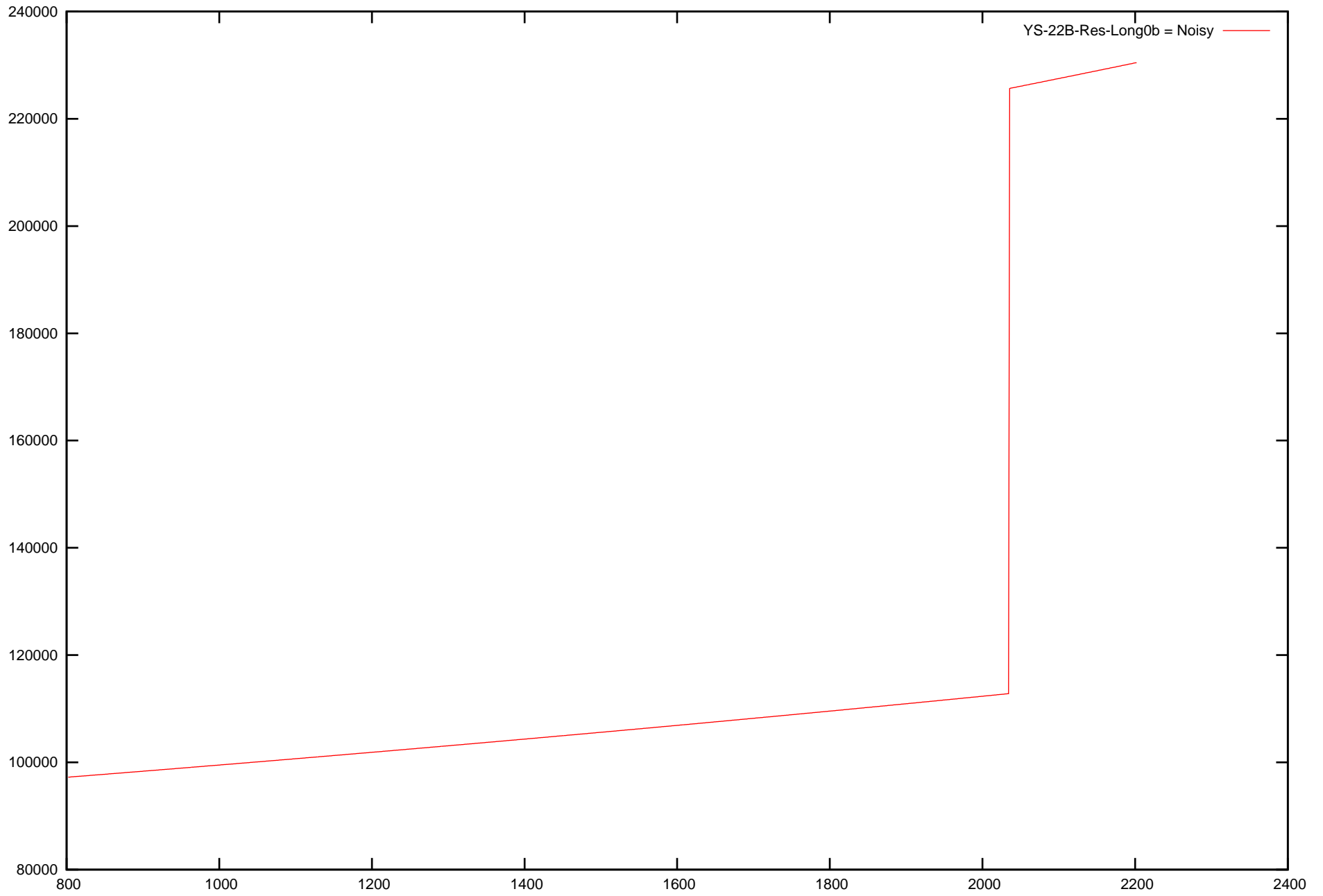


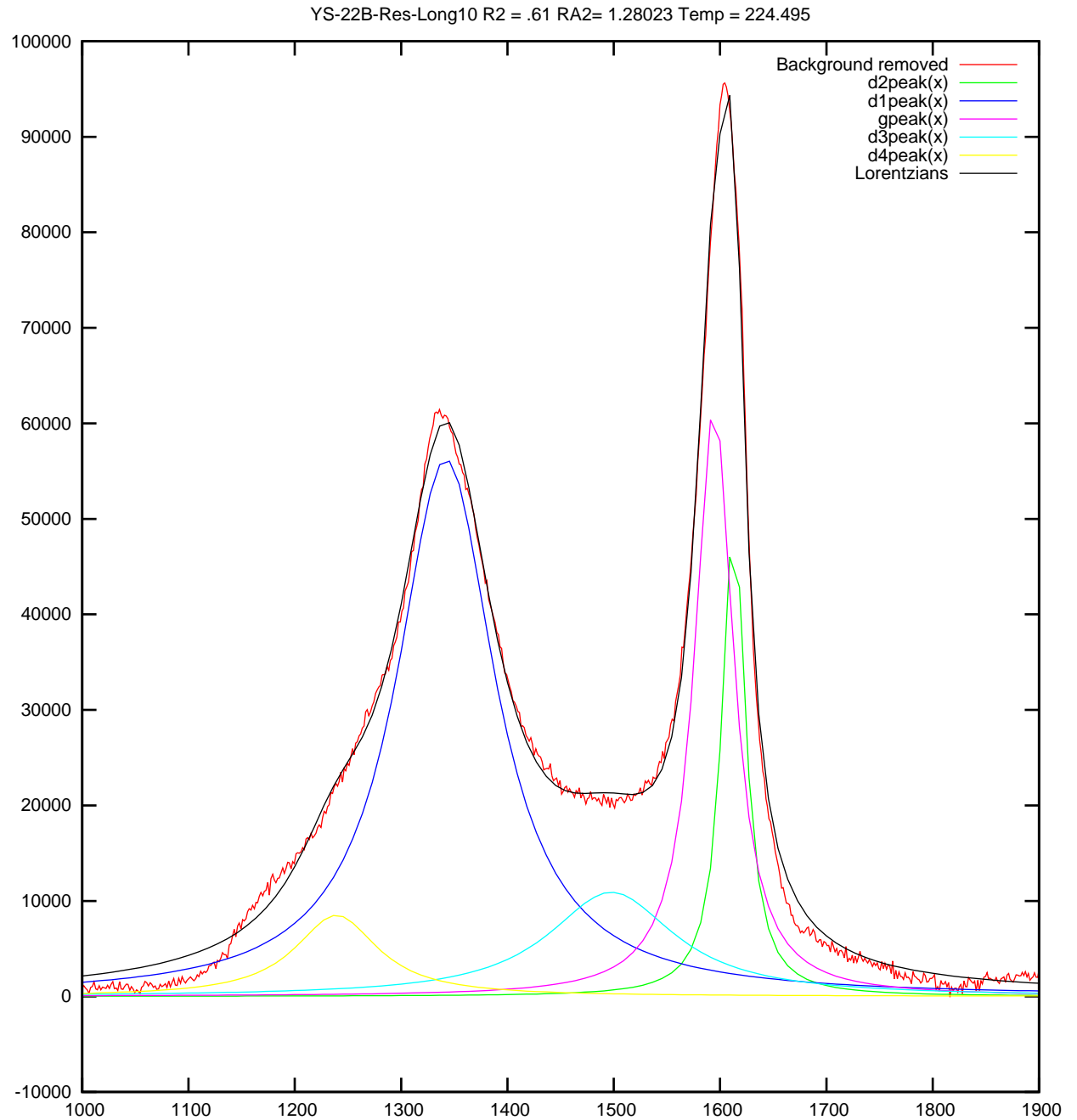
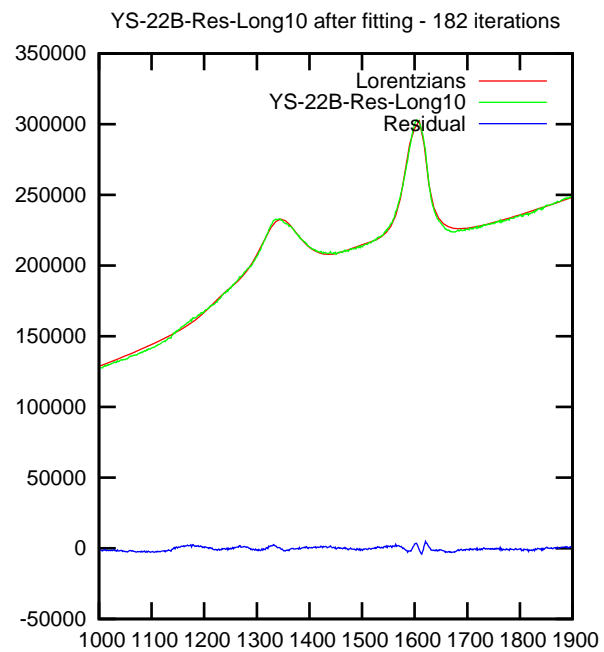
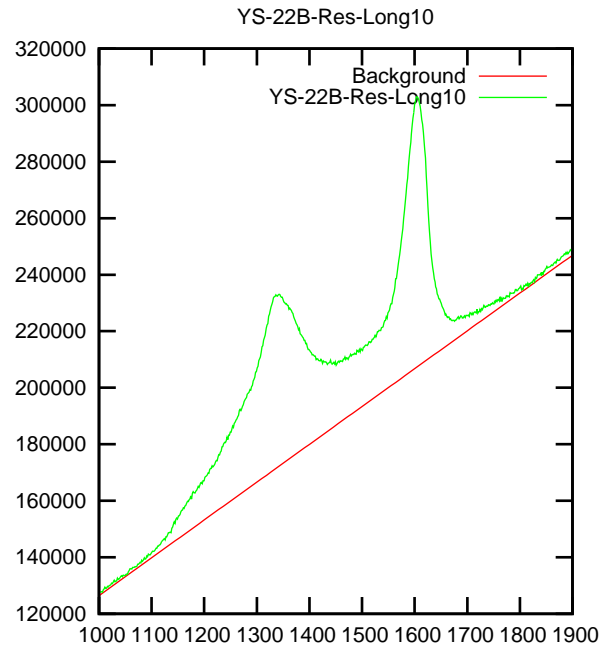


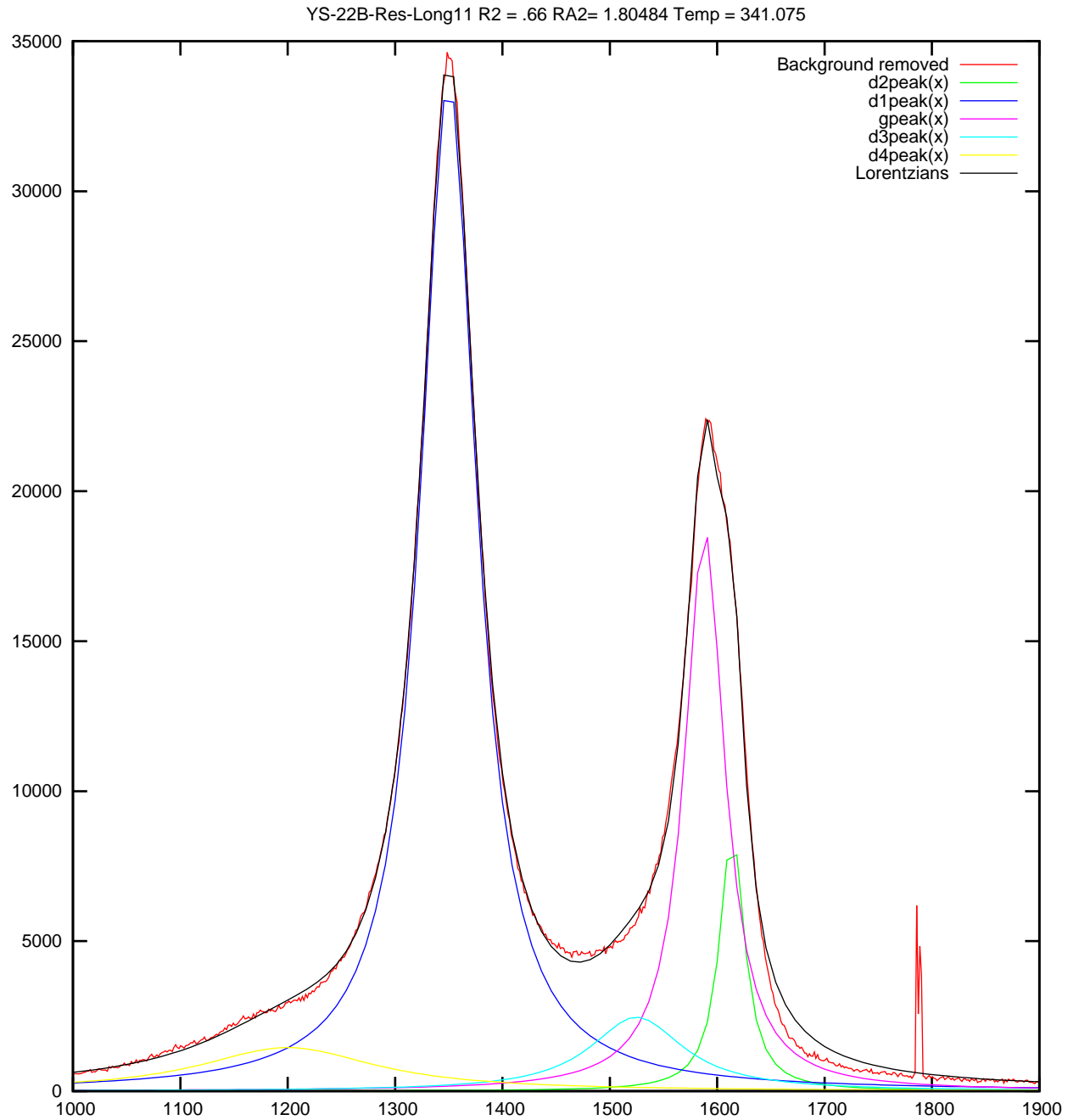
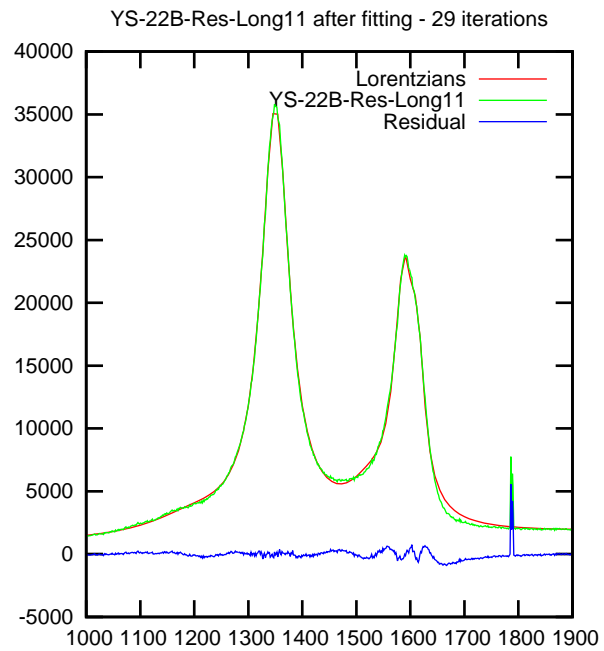
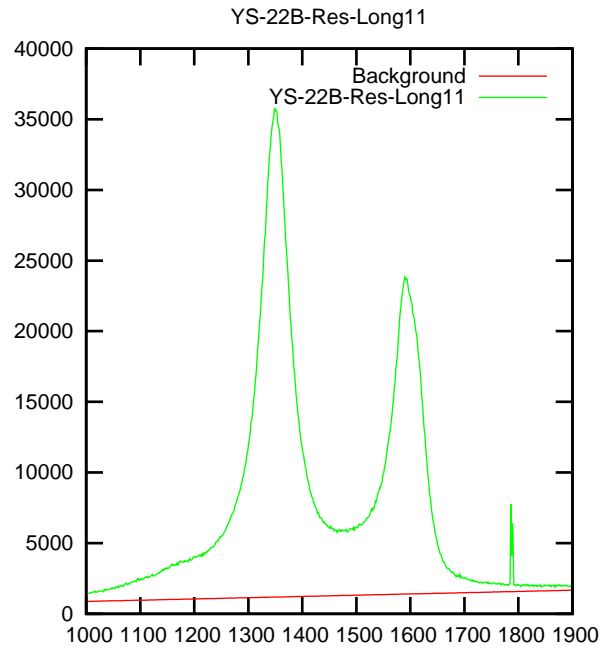




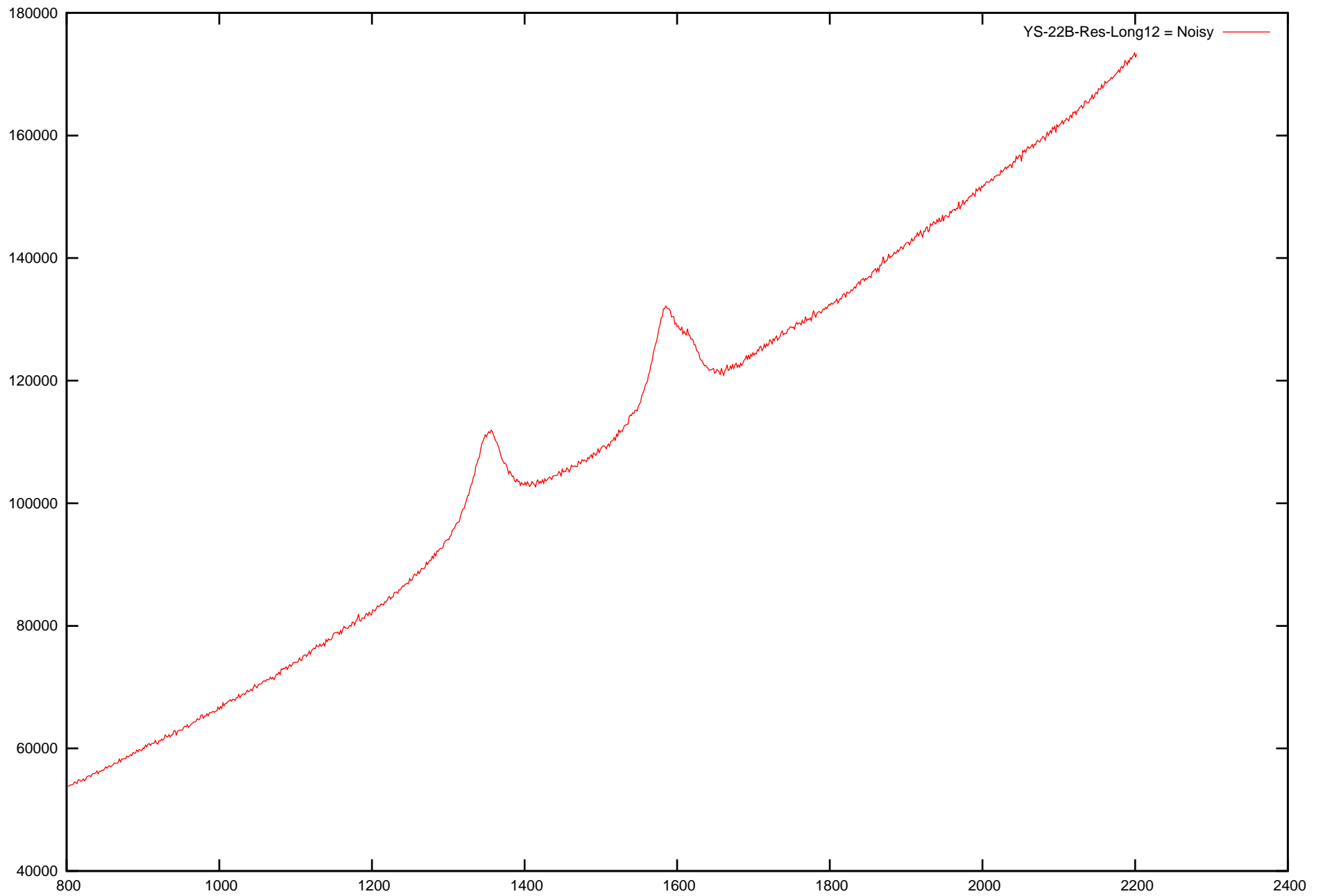
YS-22B-Res-Long0b = Noisy



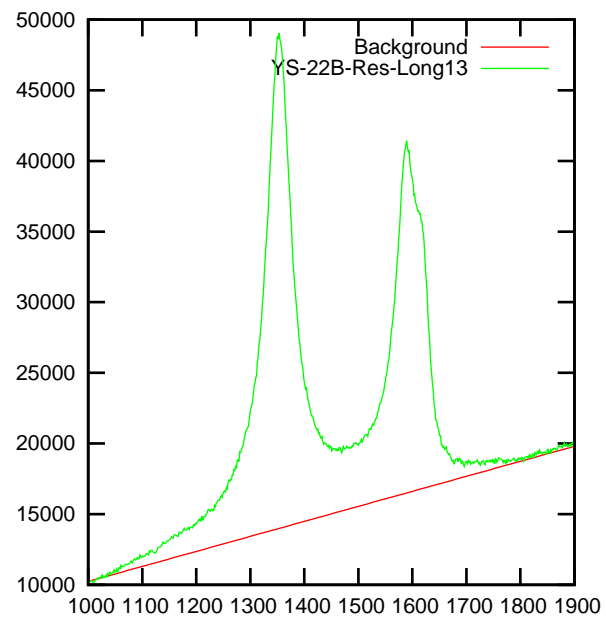




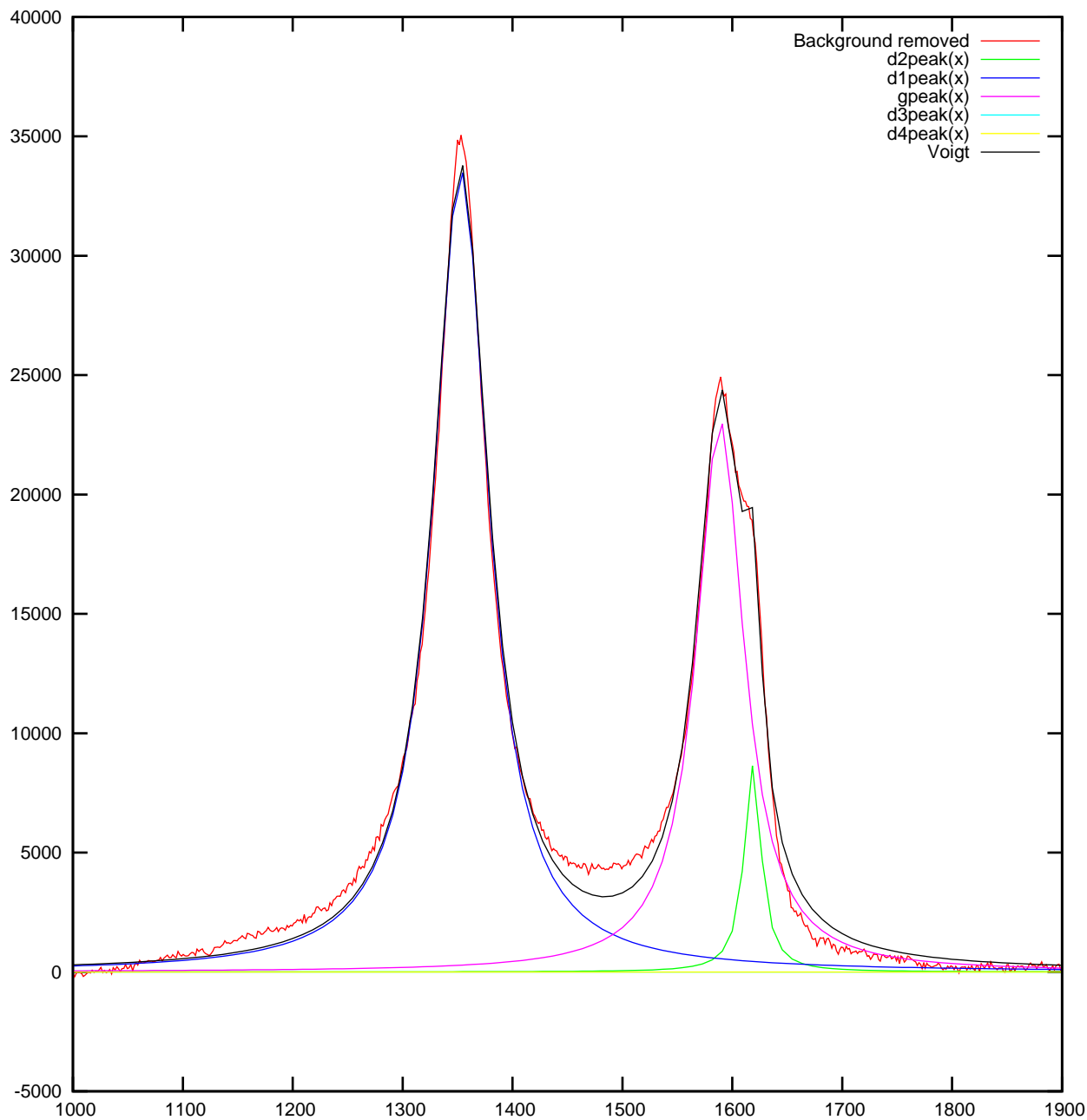
YS-22B-Res-Long12 = Noisy



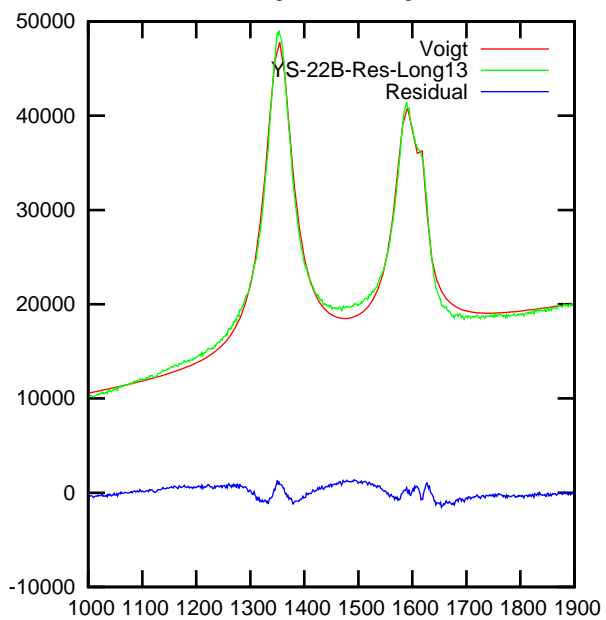
YS-22B-Res-Long13

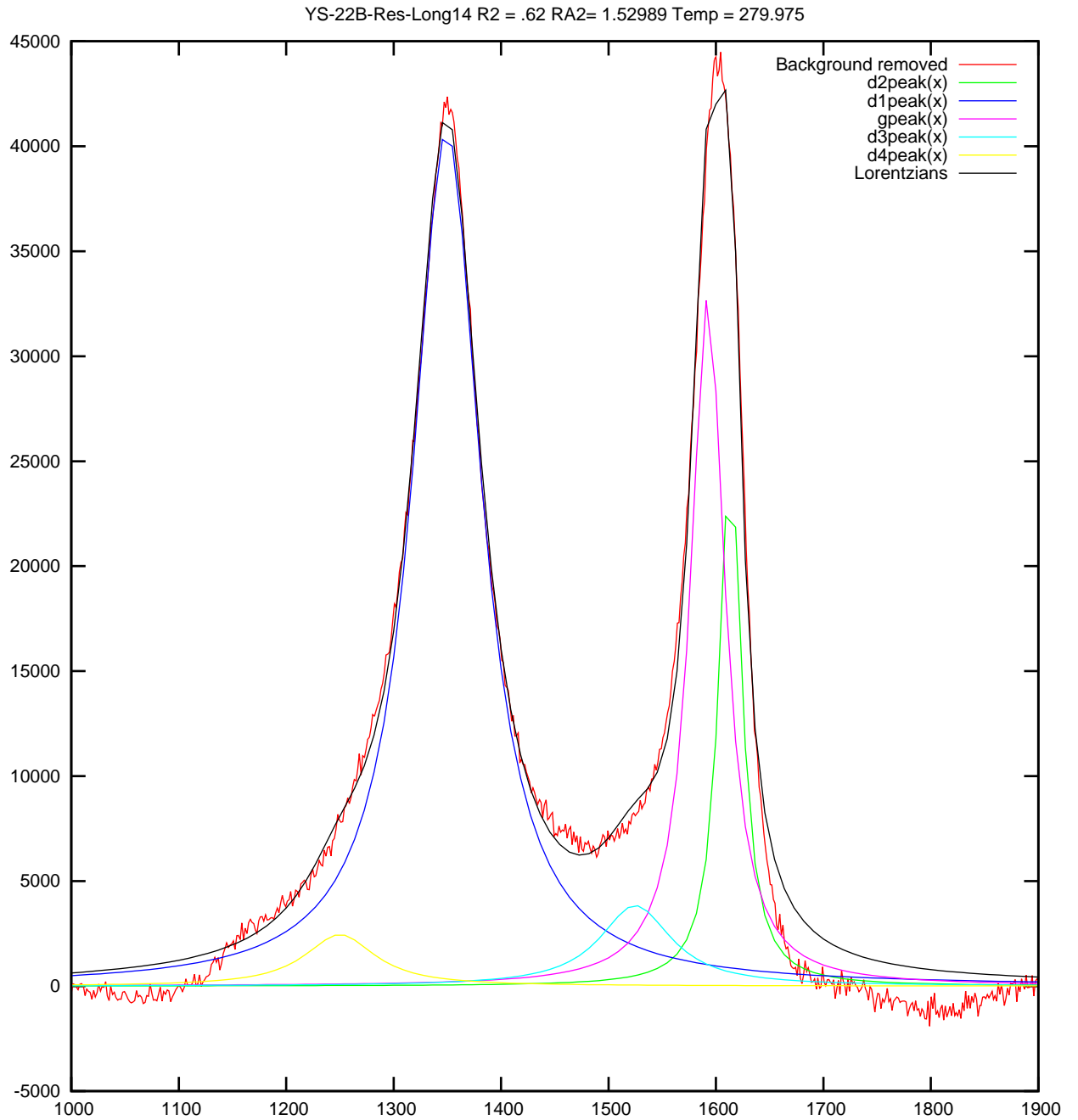
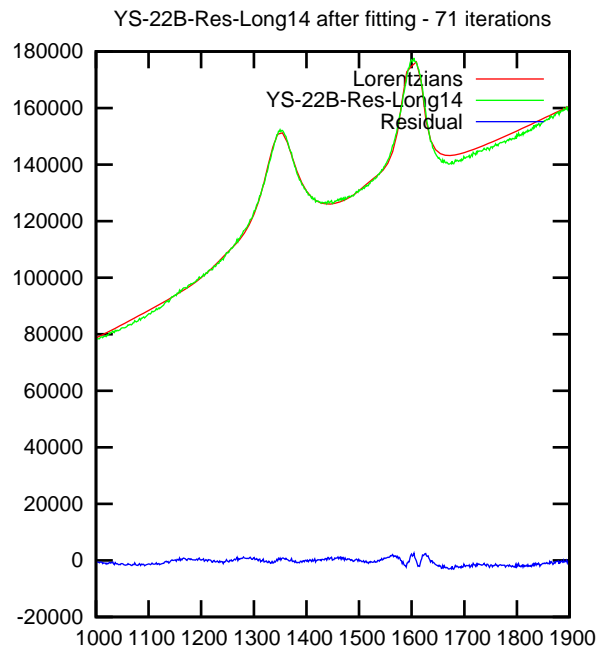
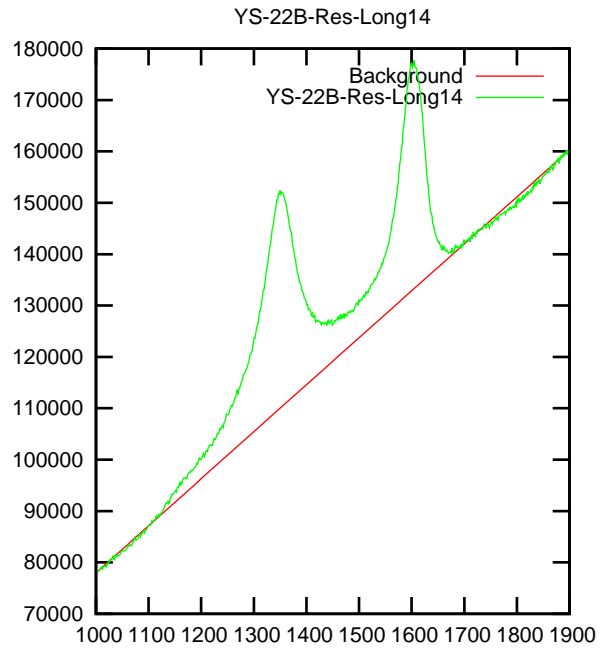


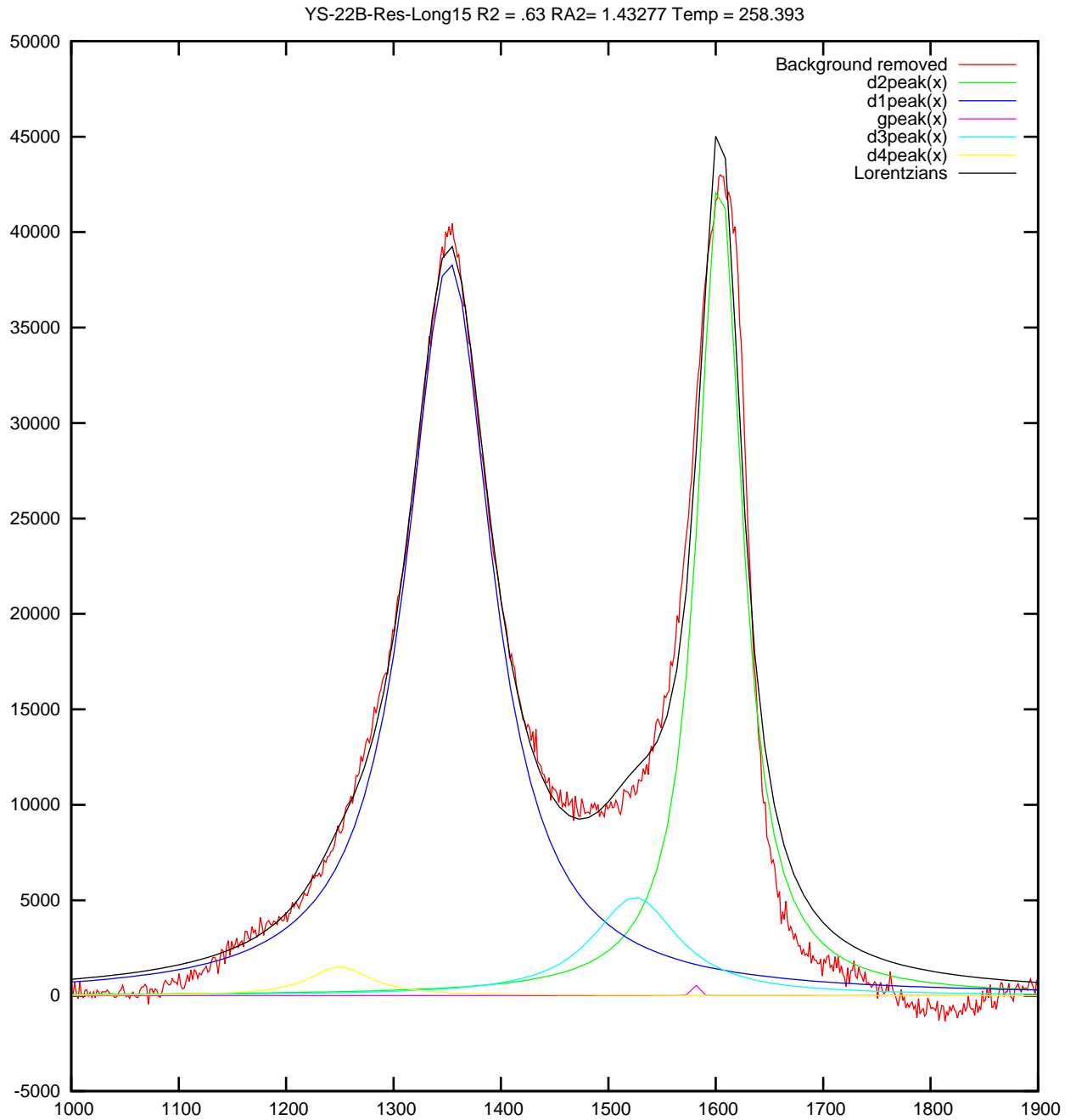
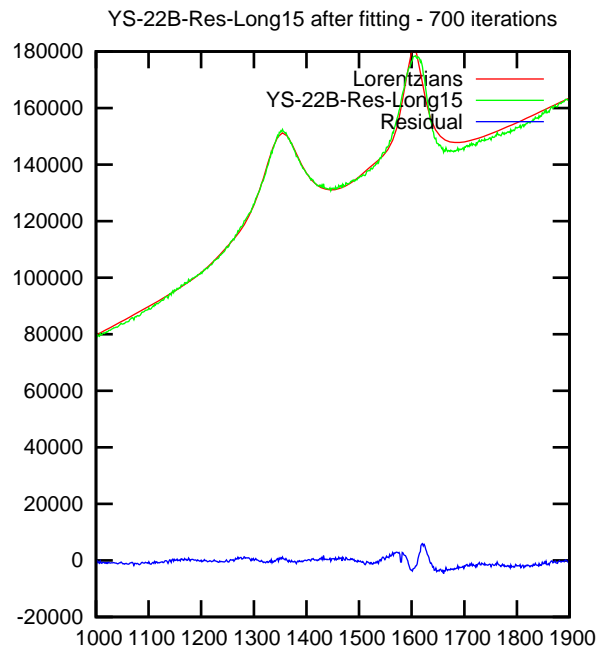
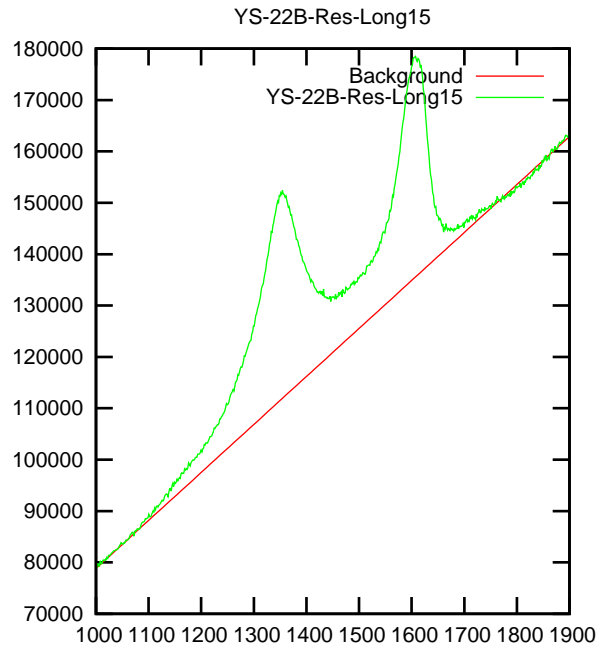
YS-22B-Res-Long13 R2 = .59 RA2= na Temp = 374.645

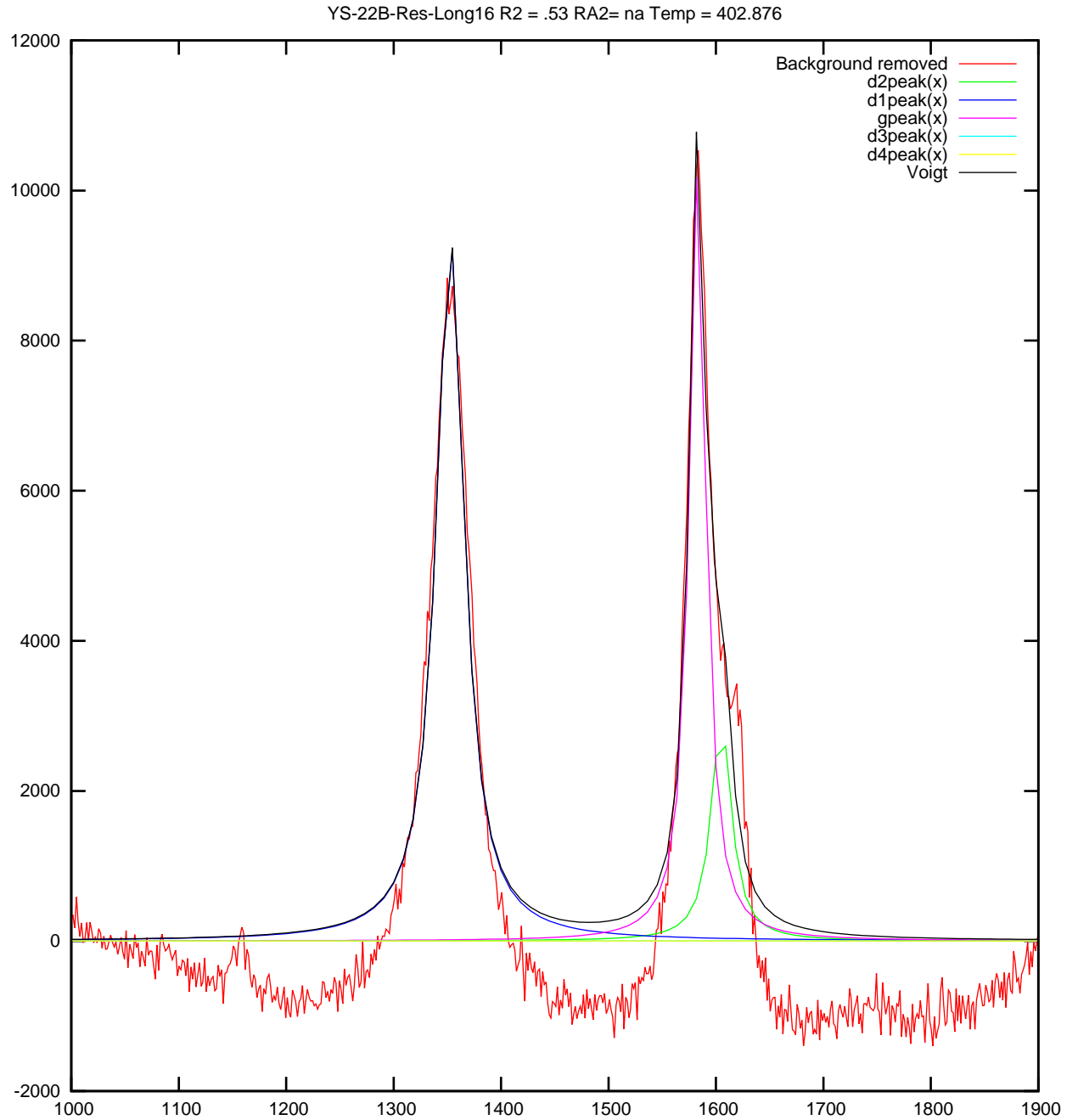
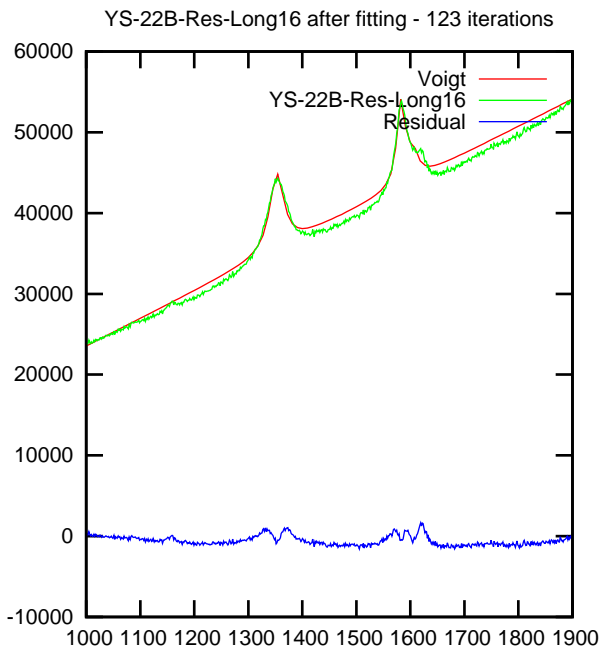
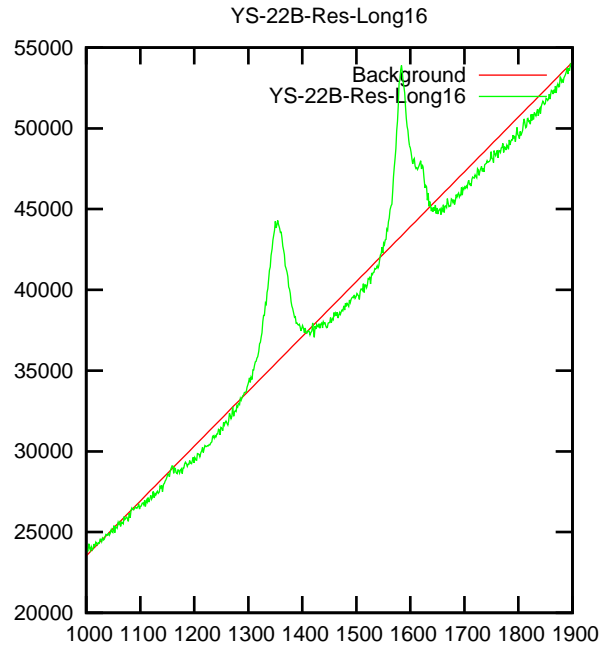


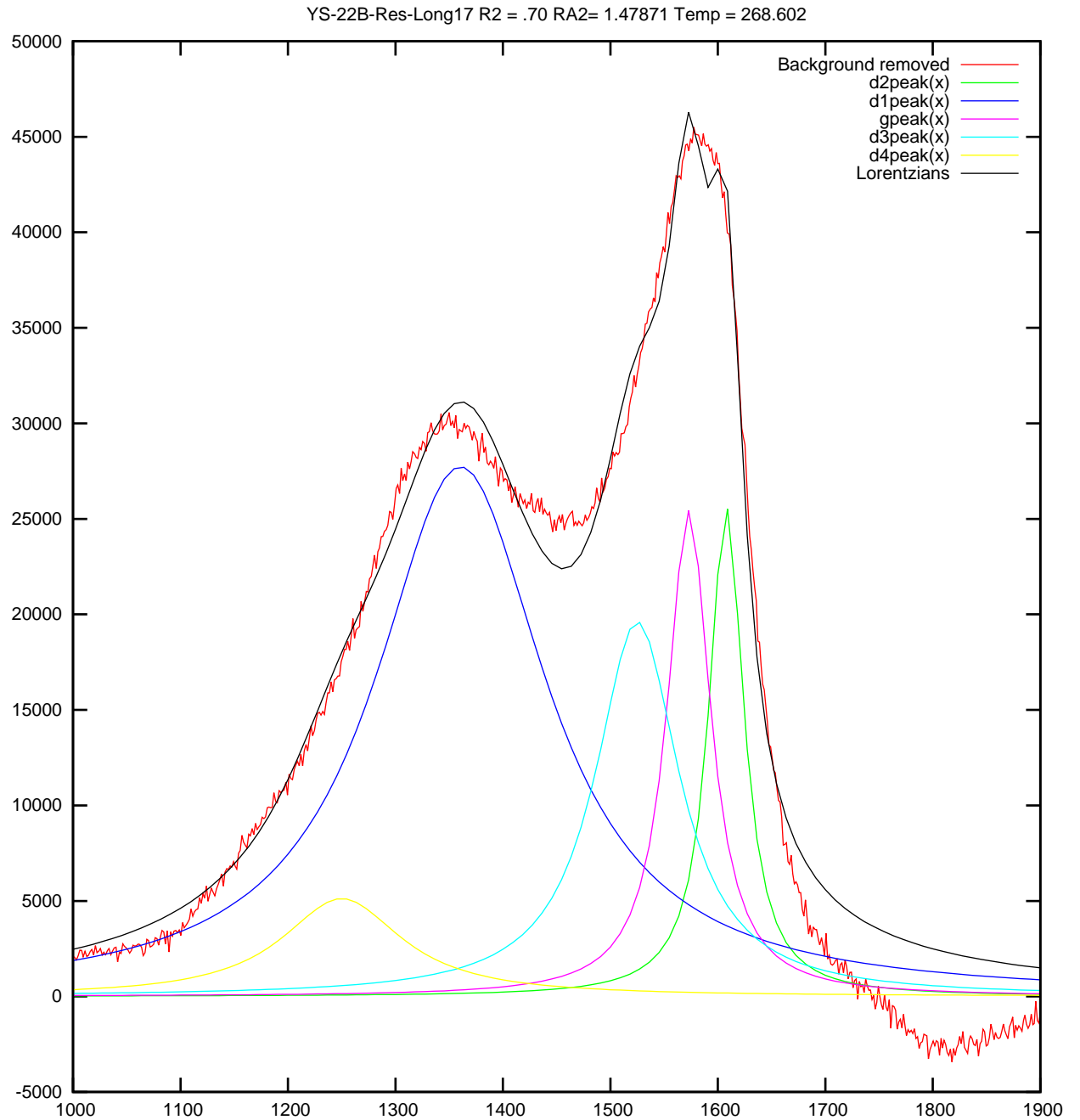
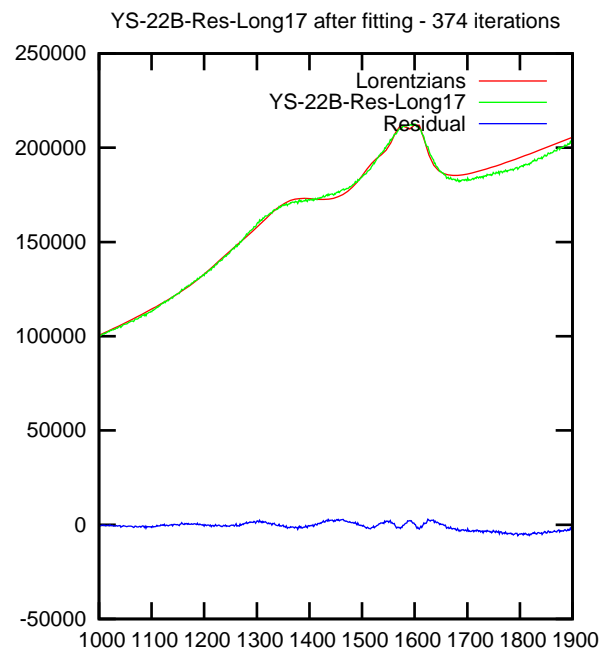
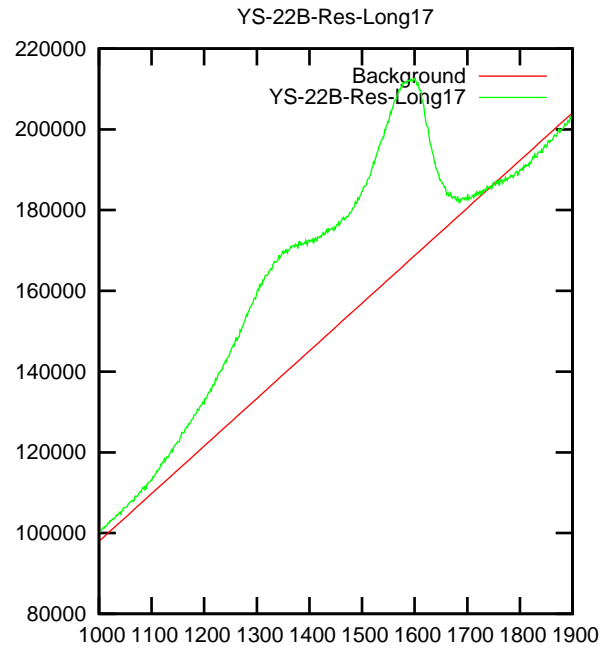
YS-22B-Res-Long13 after fitting - 33 iterations

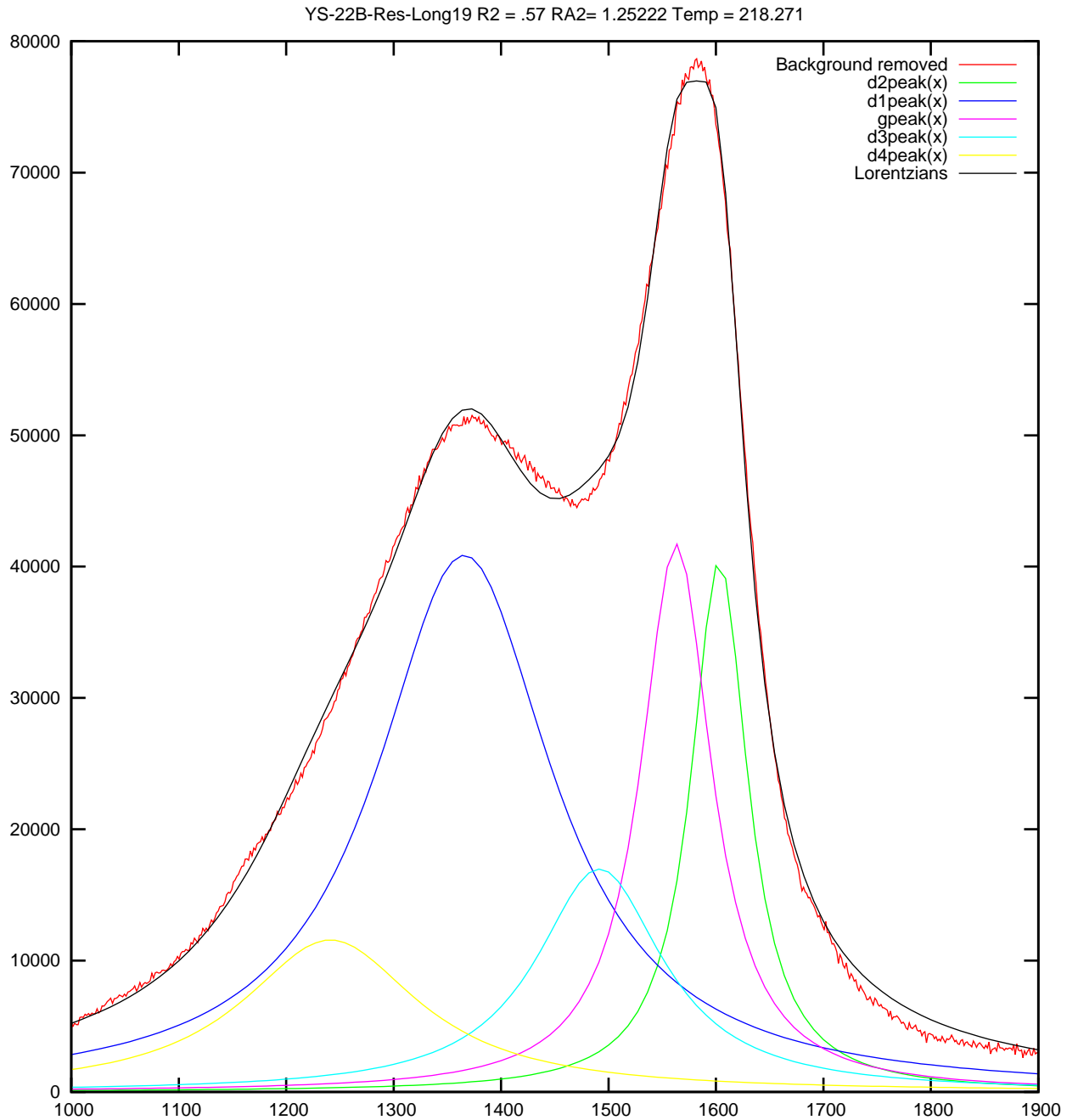
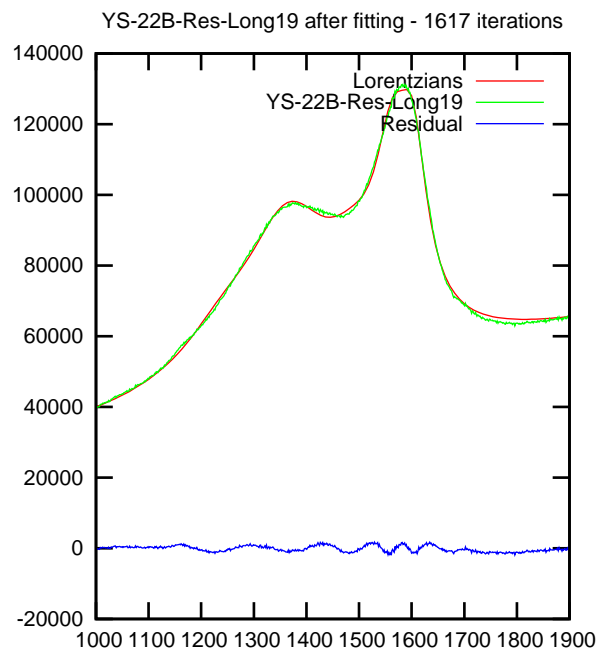
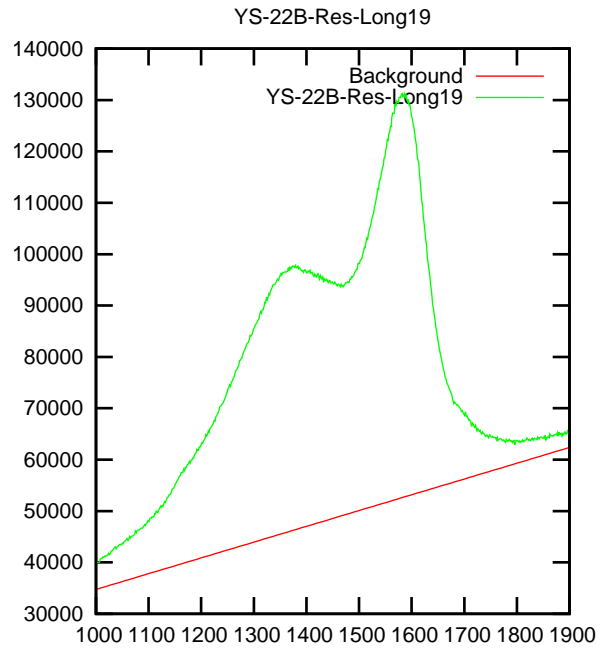


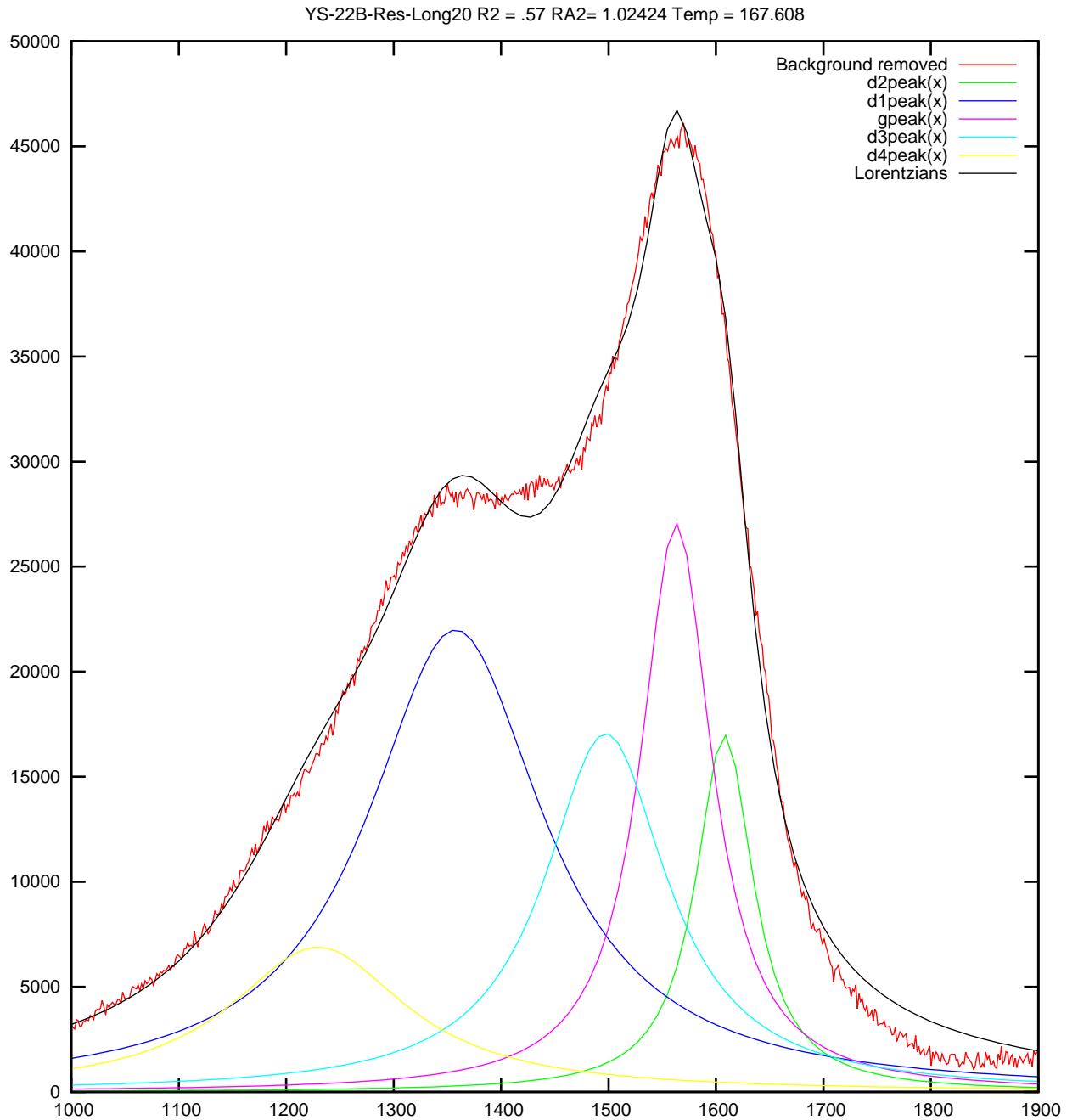
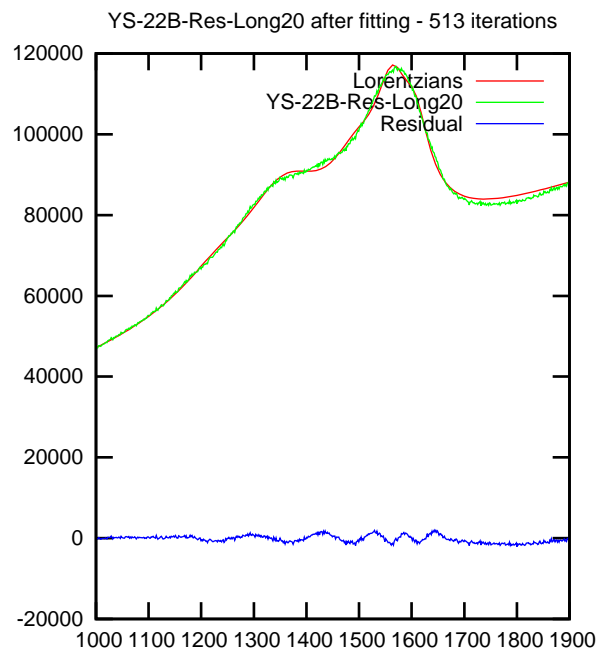
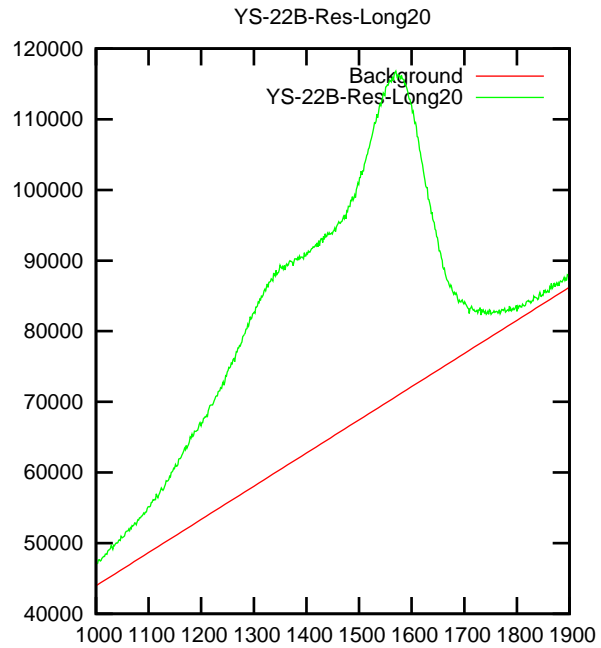


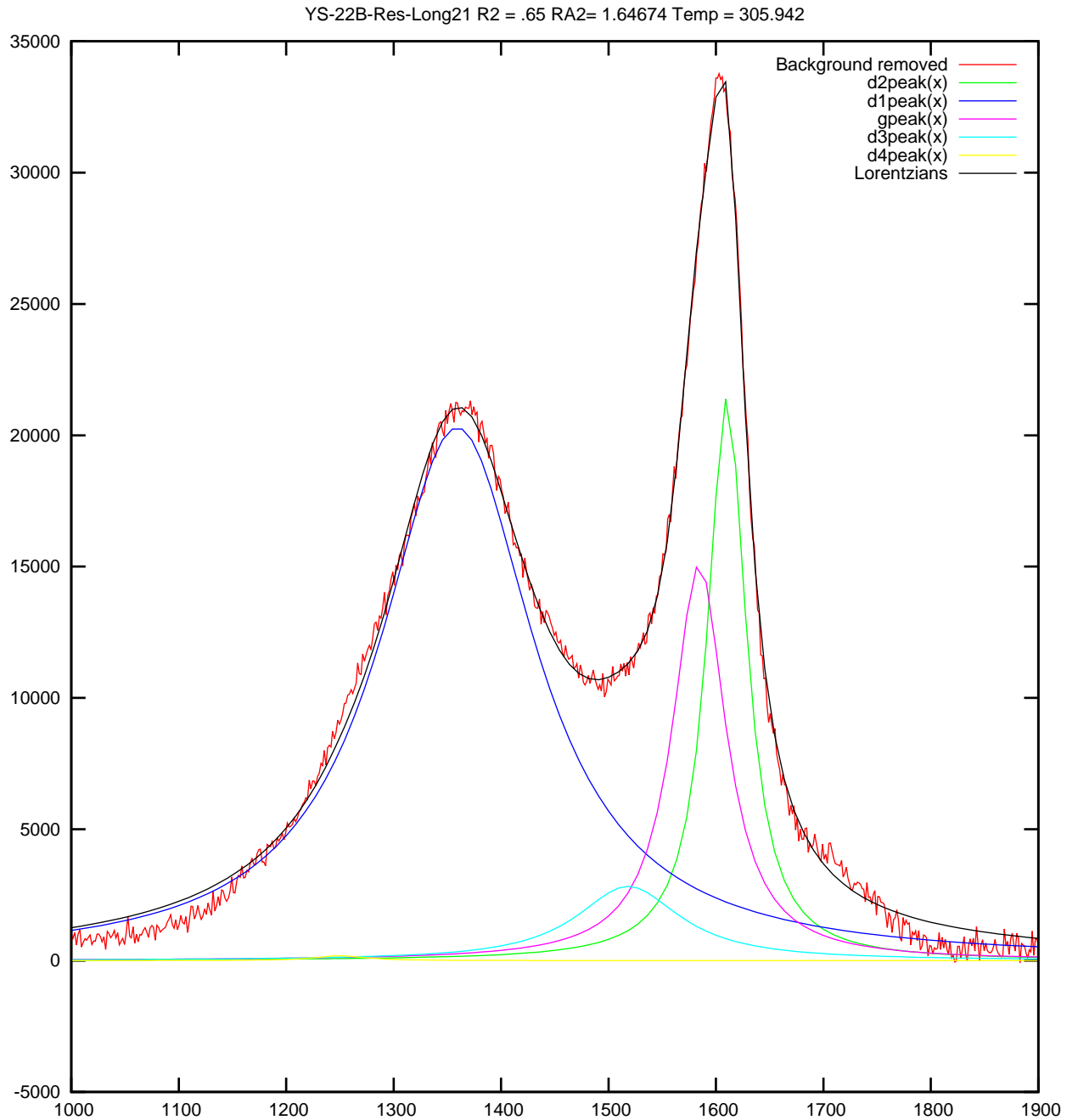
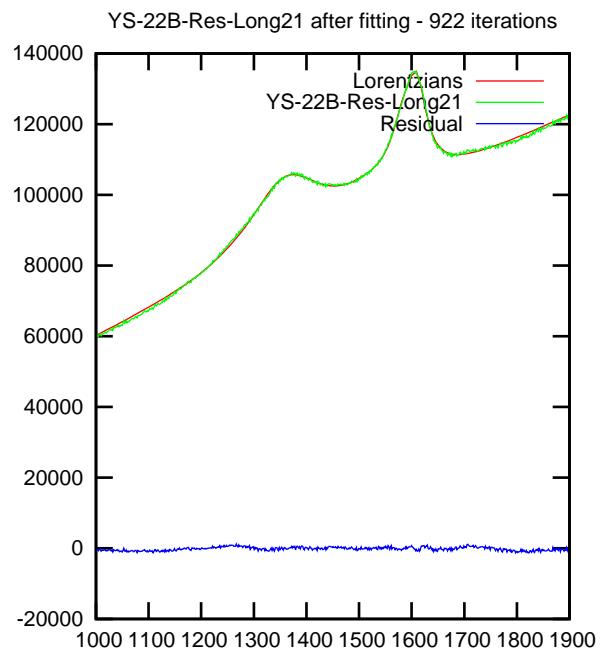
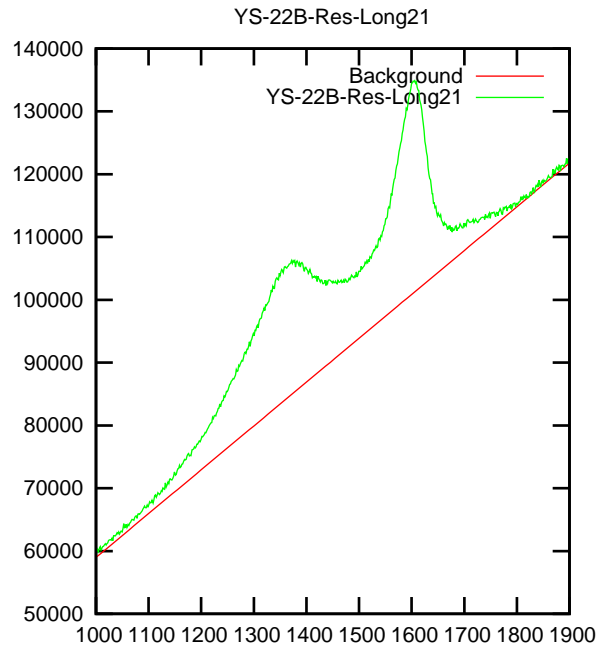


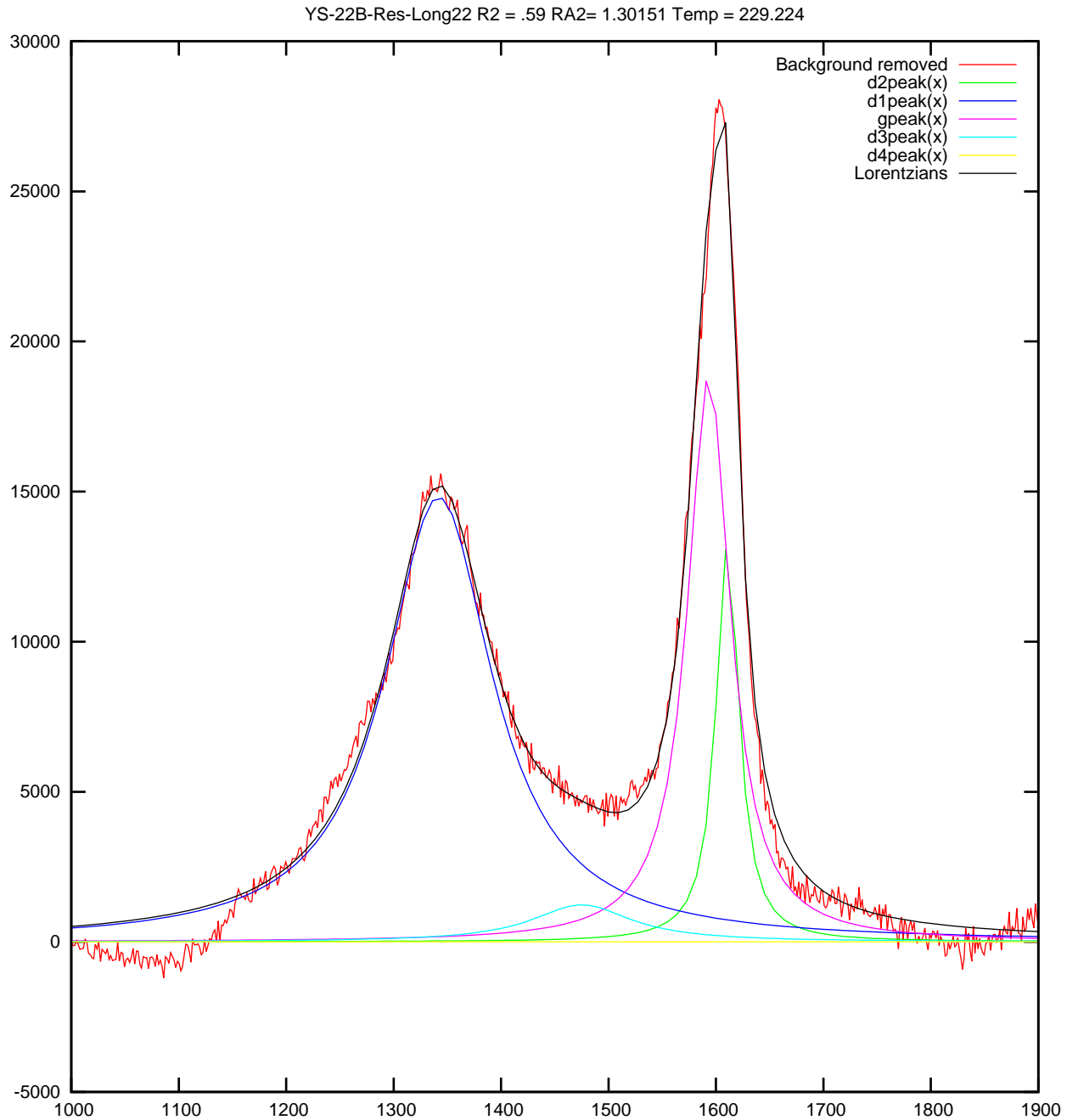
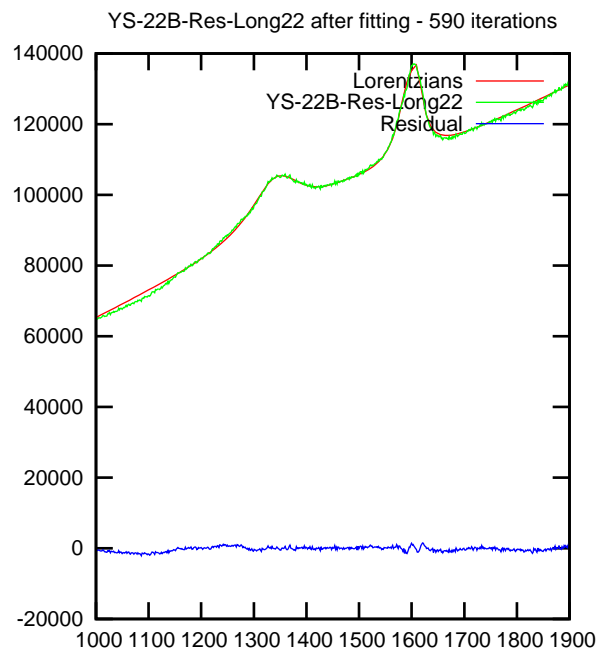
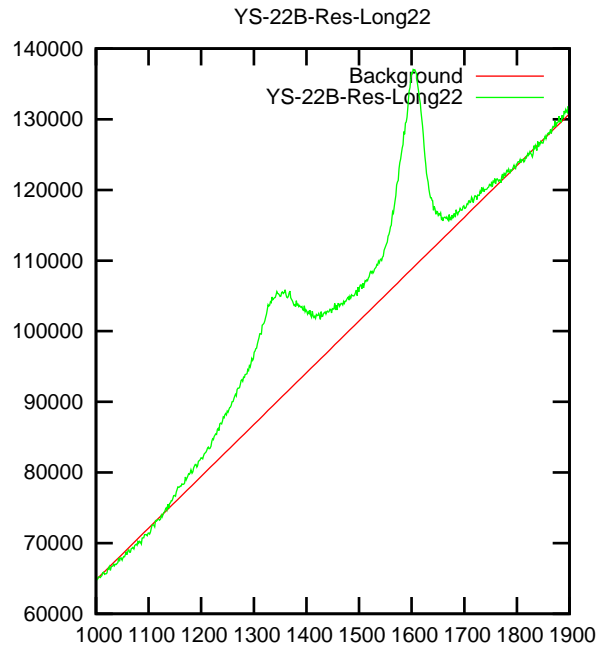


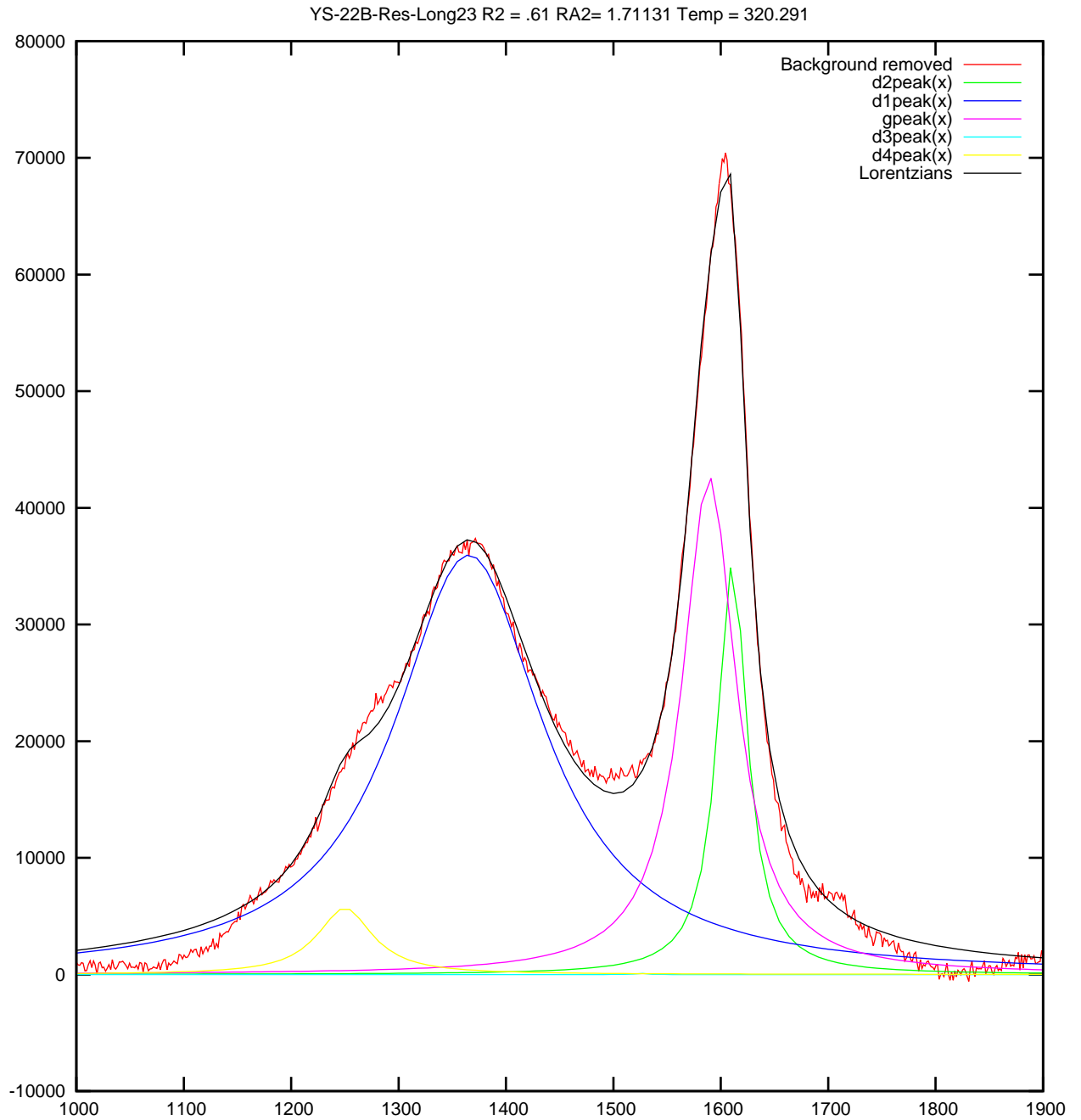
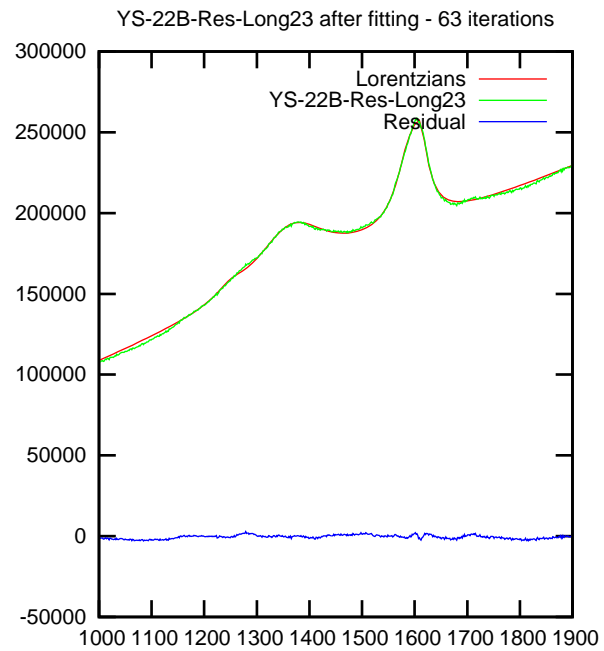
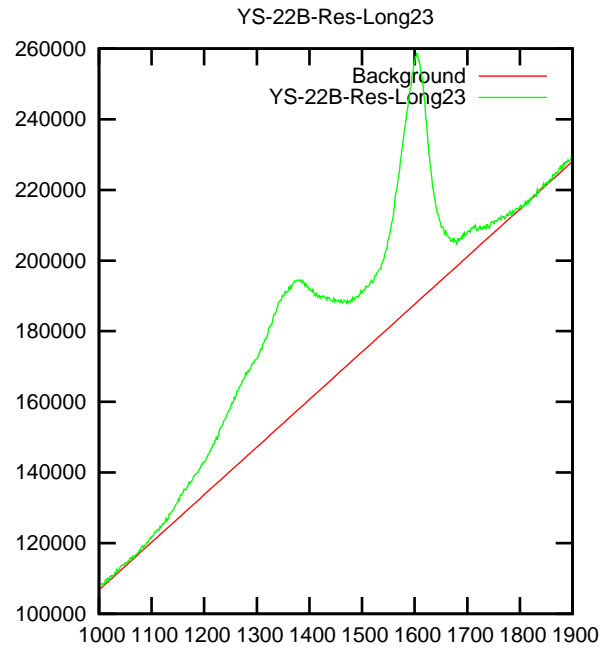


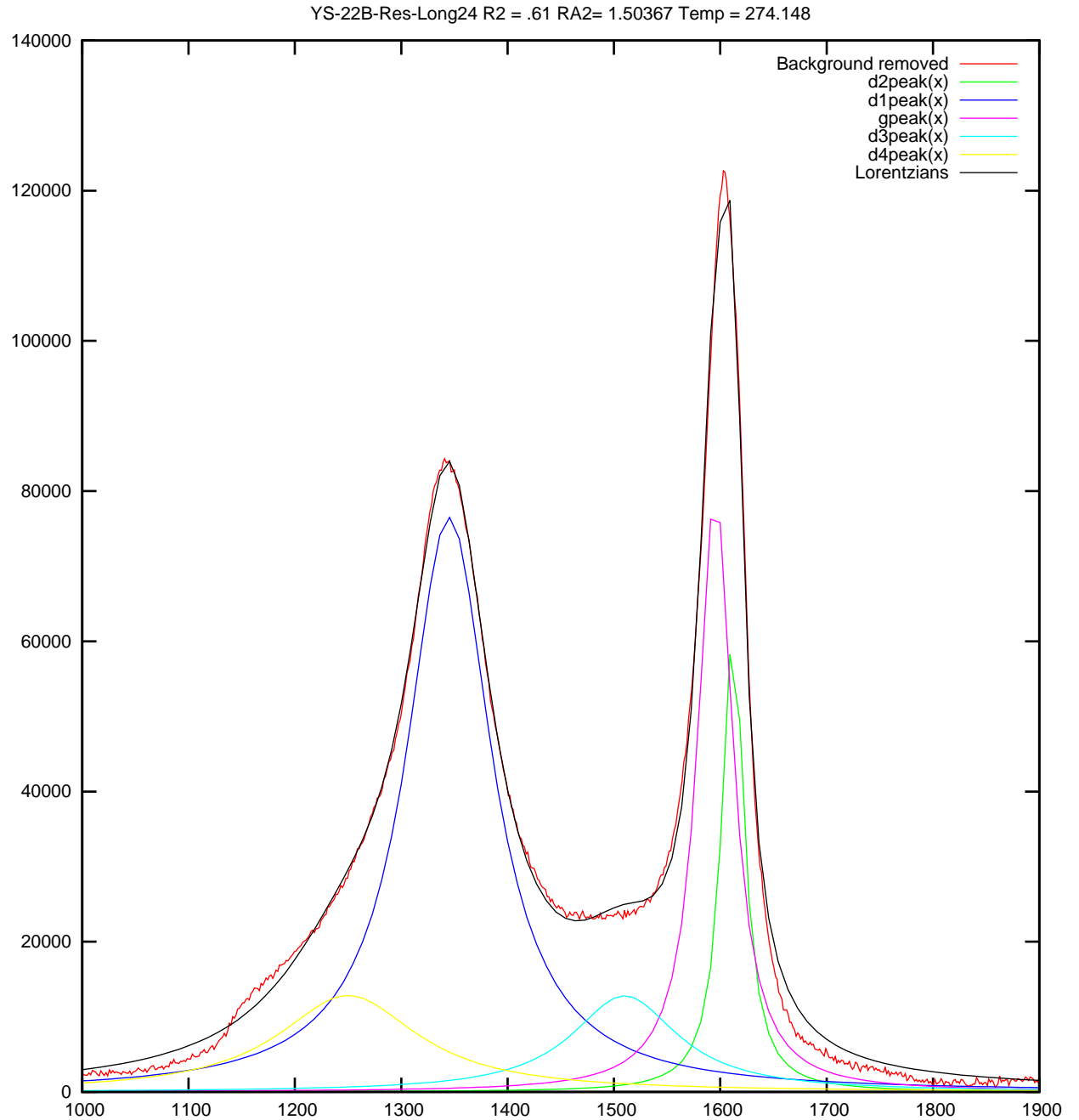
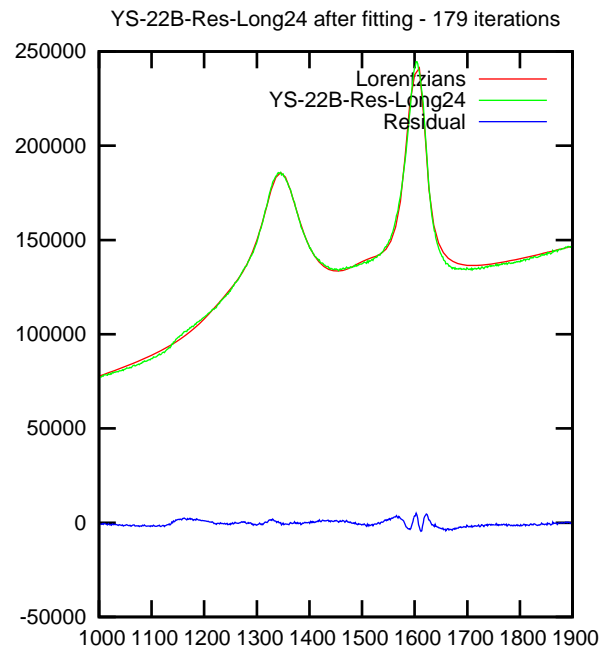
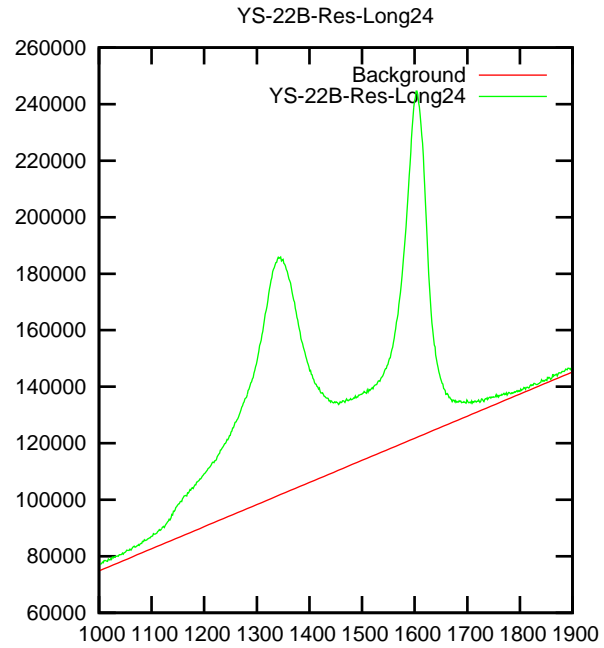


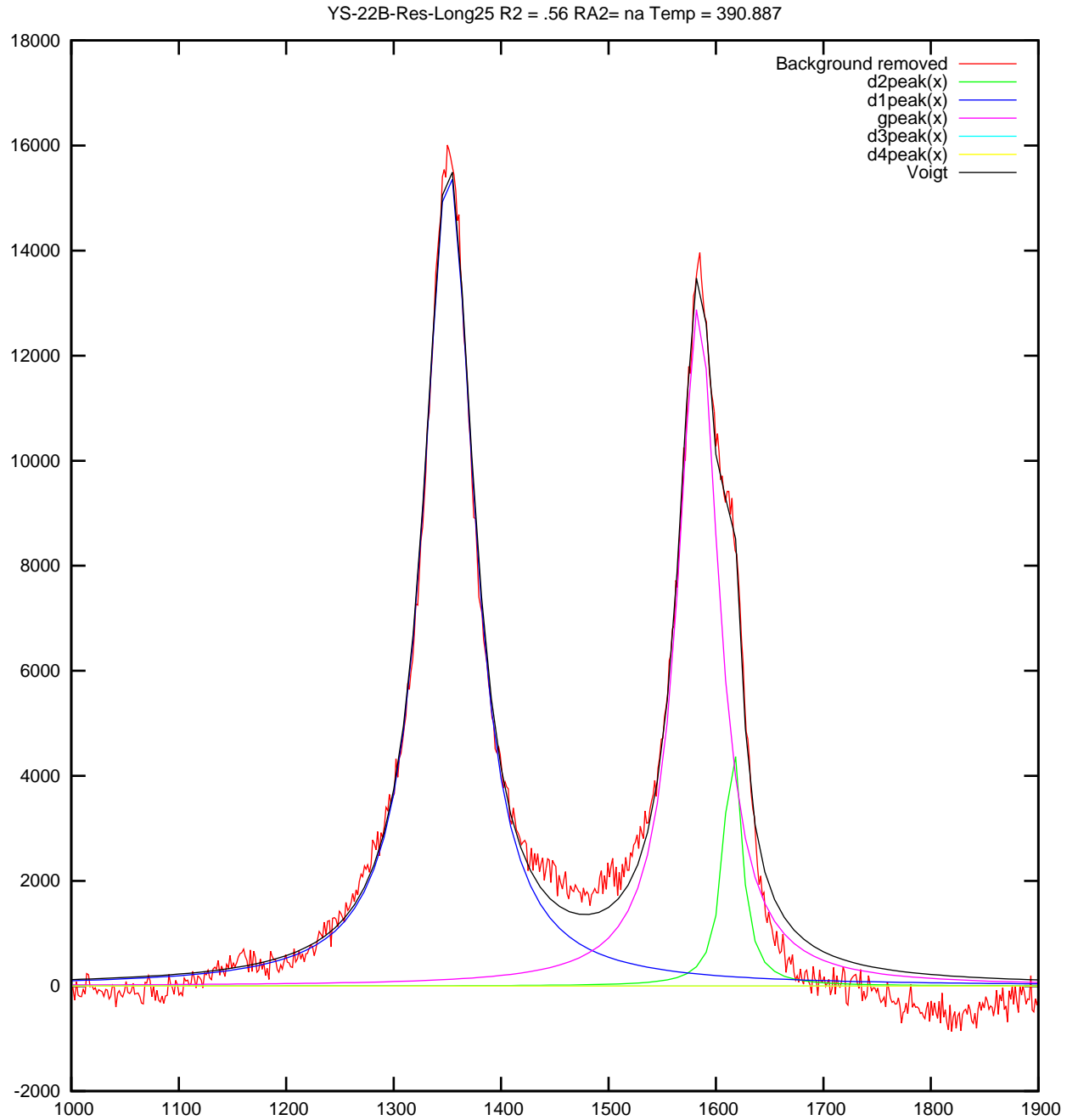
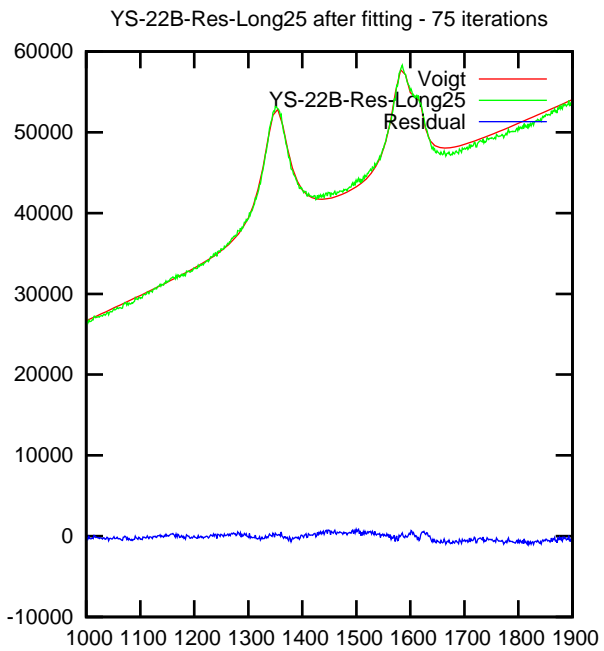
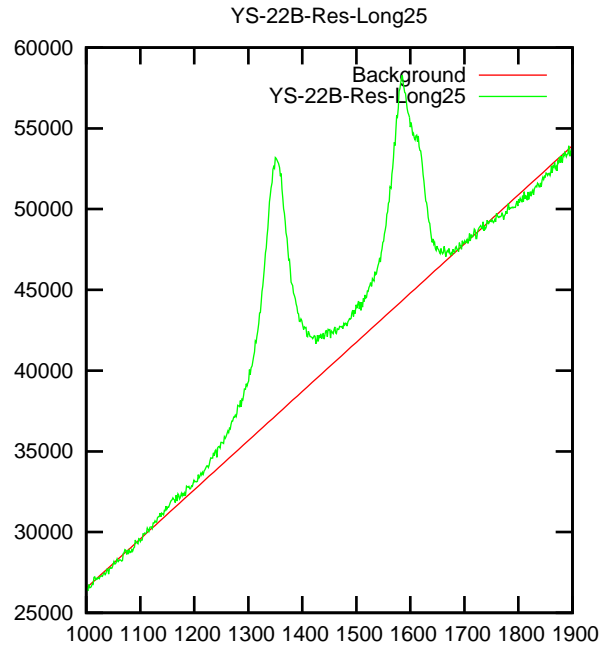


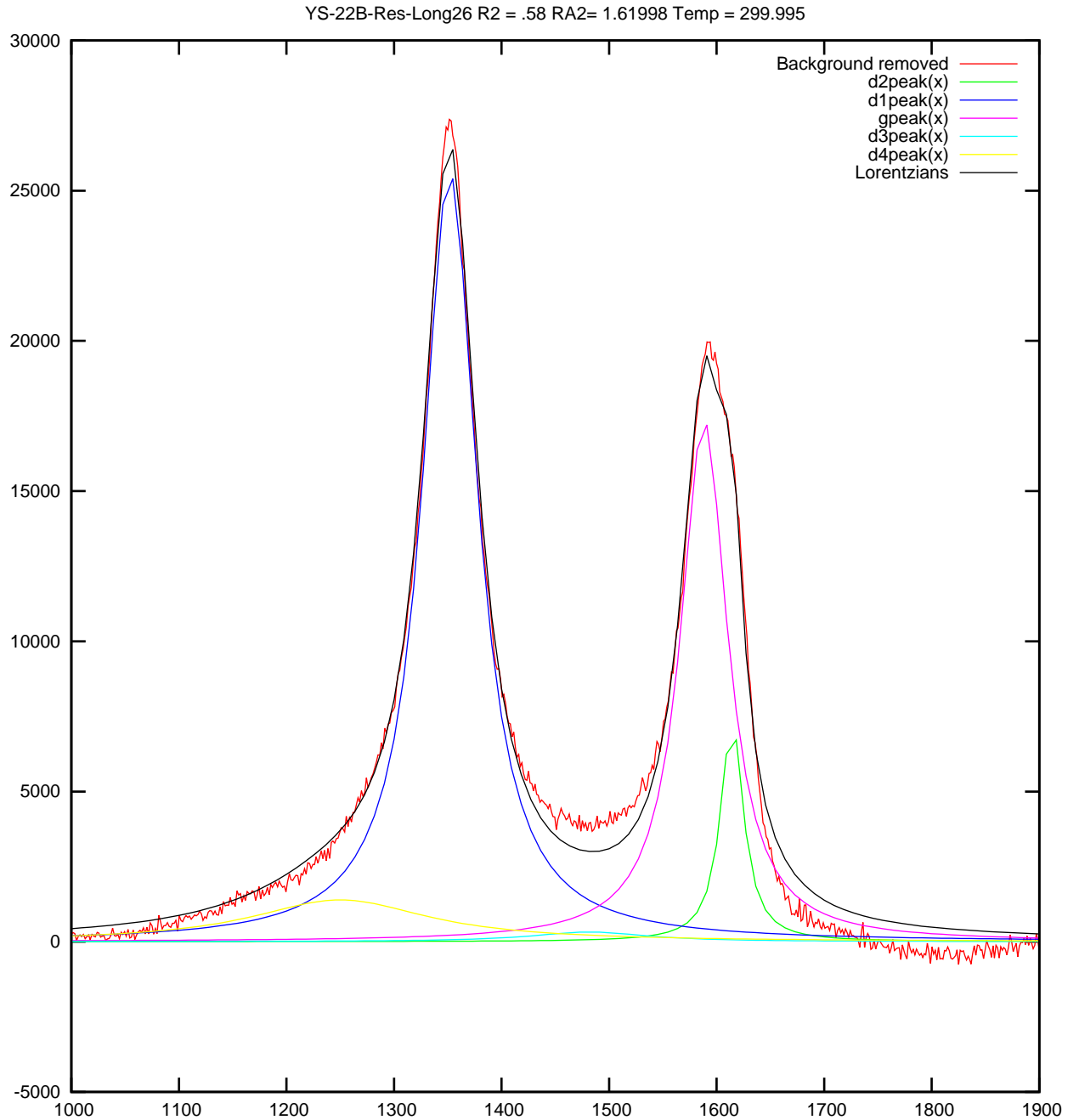
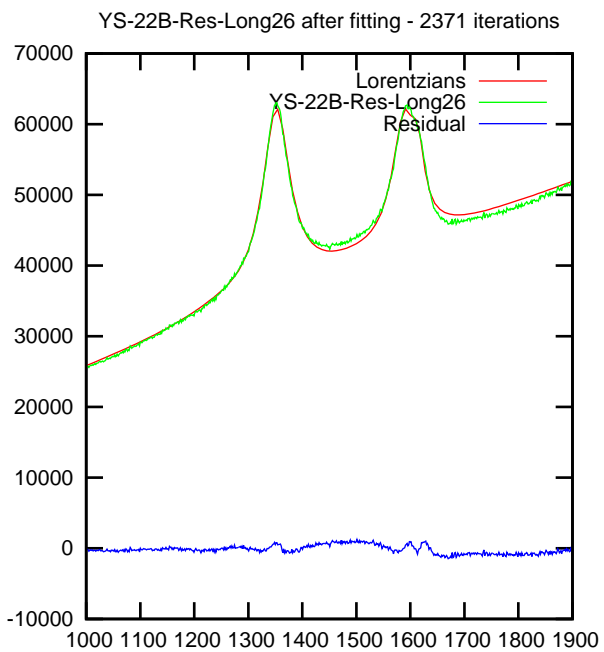
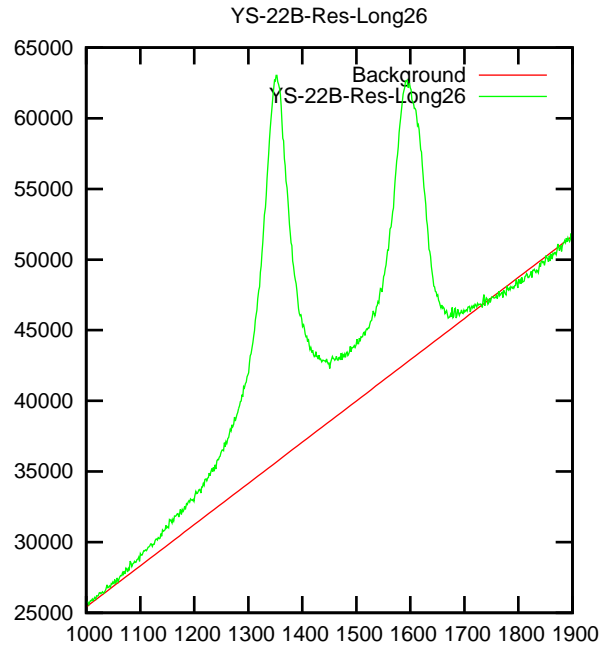


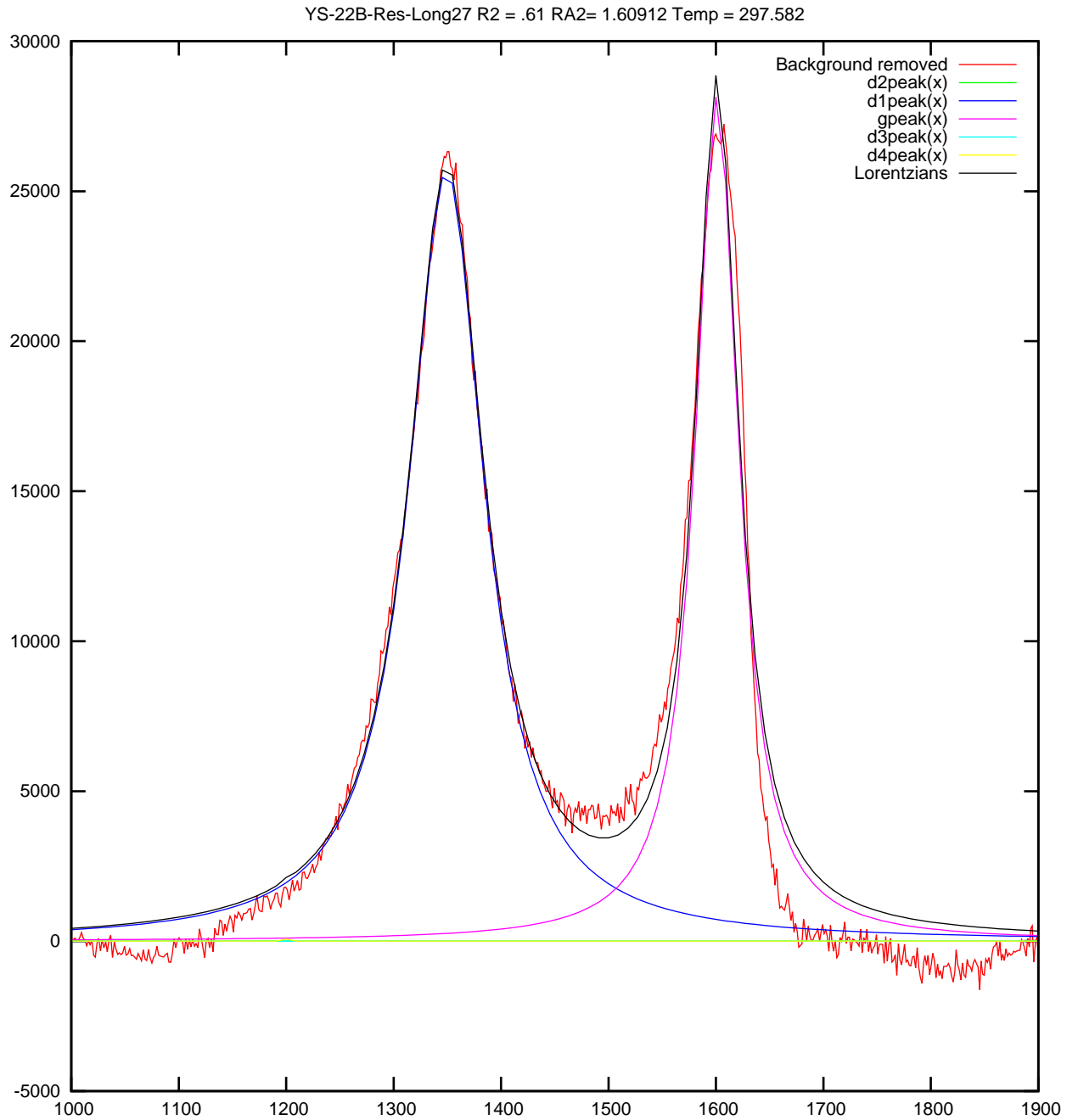
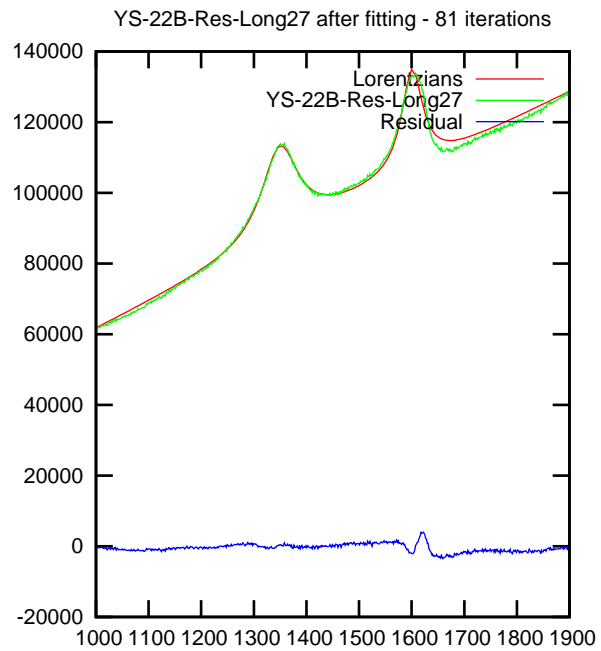
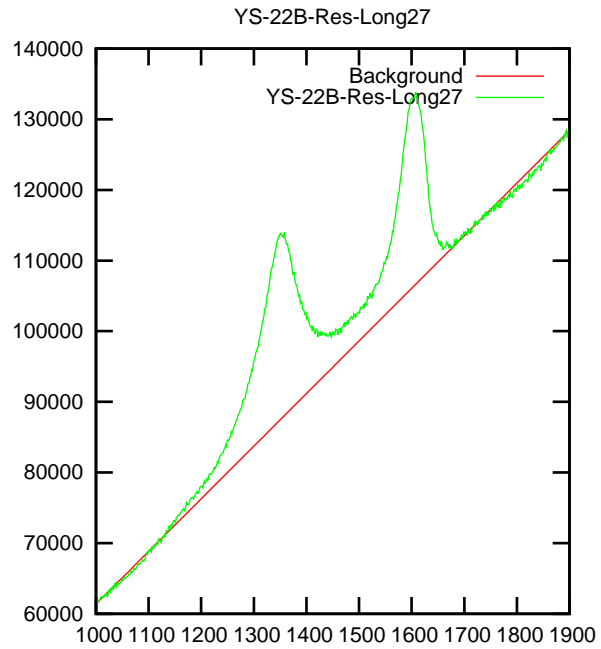


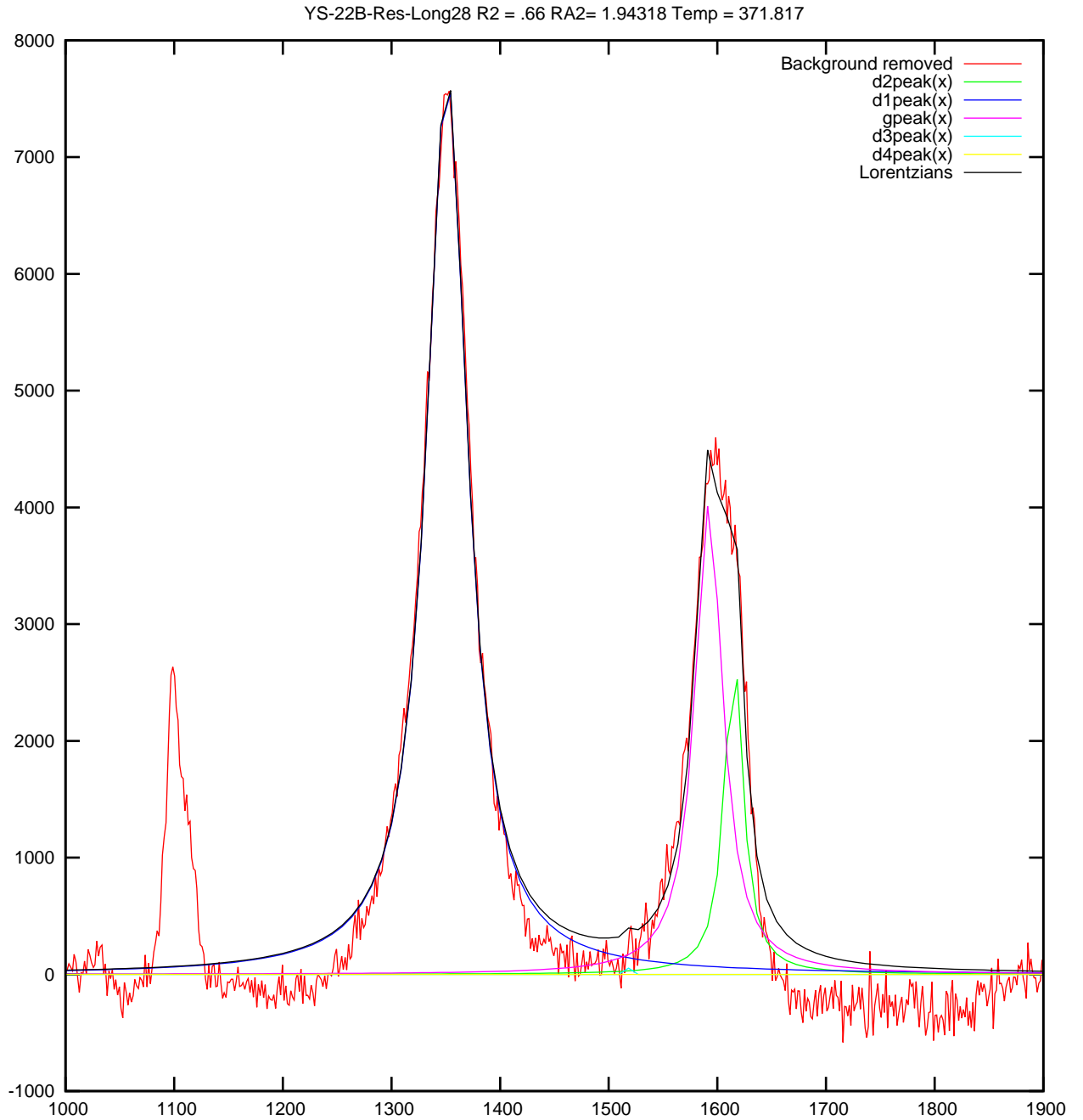
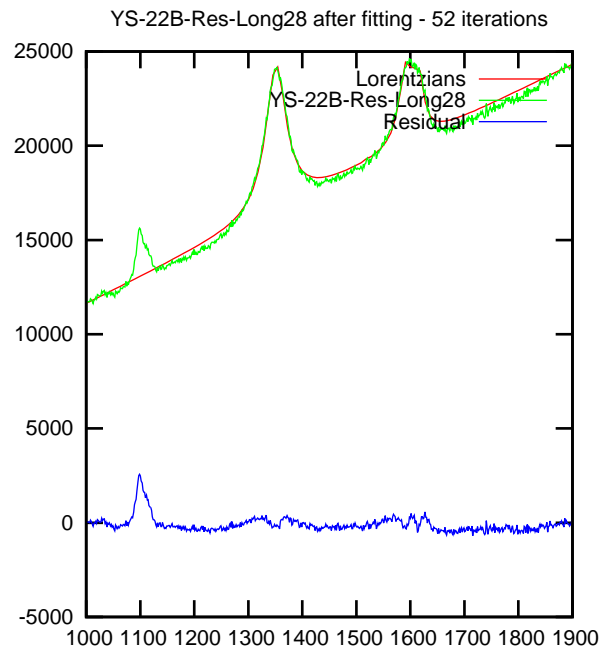
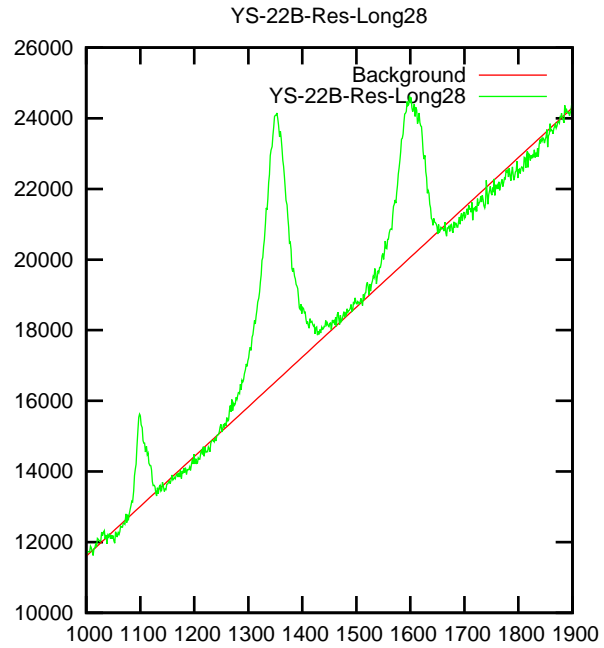




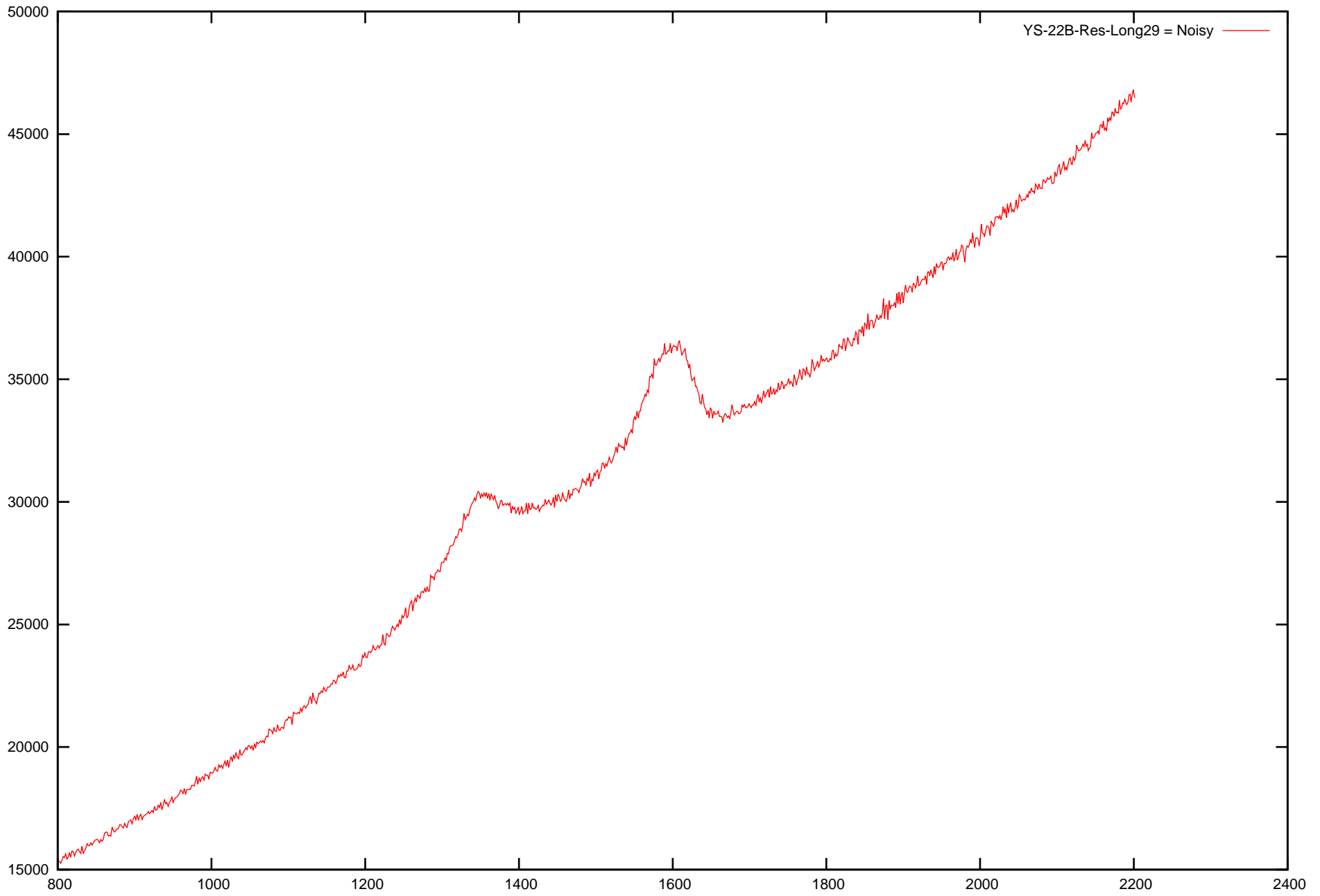


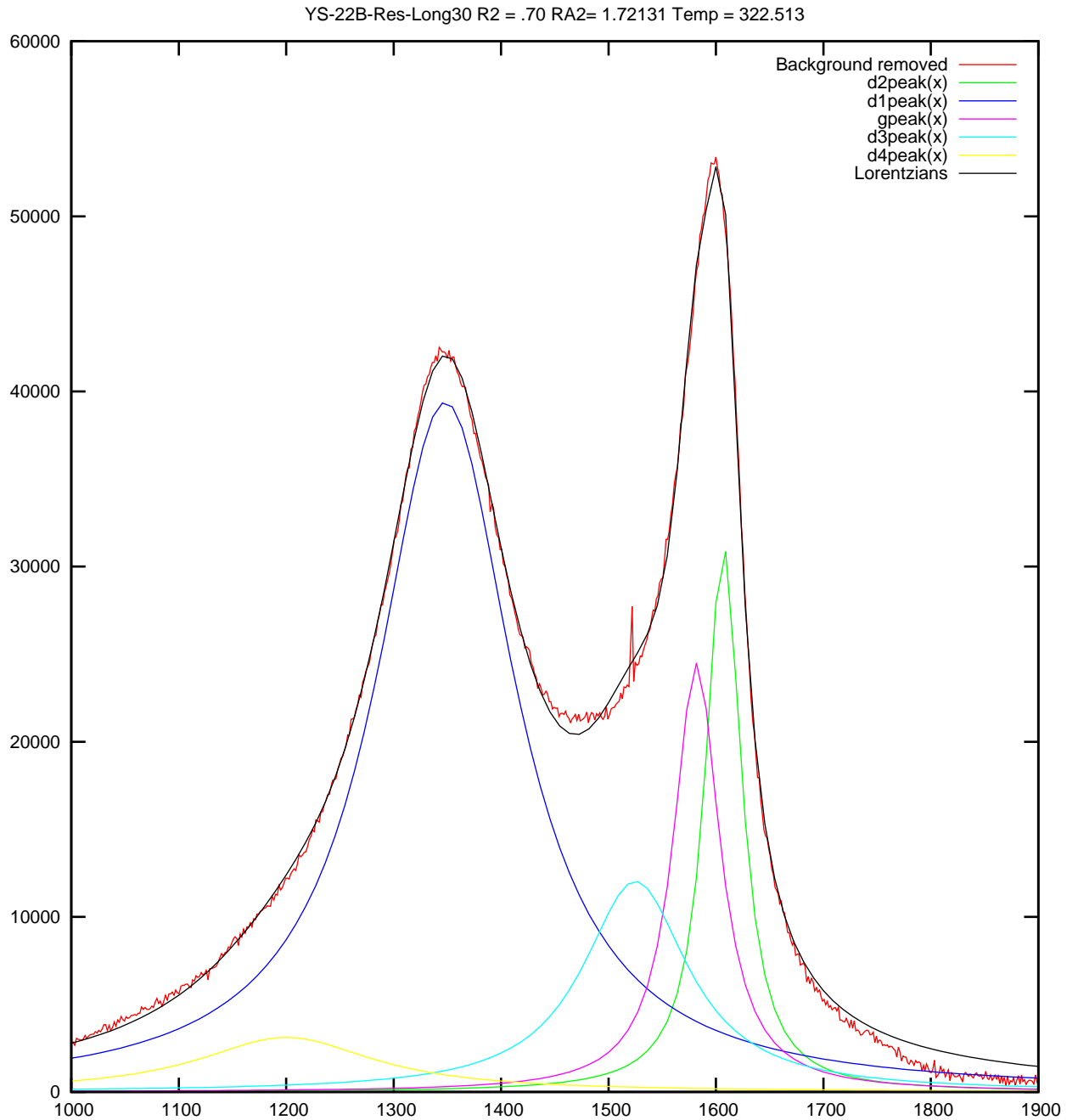
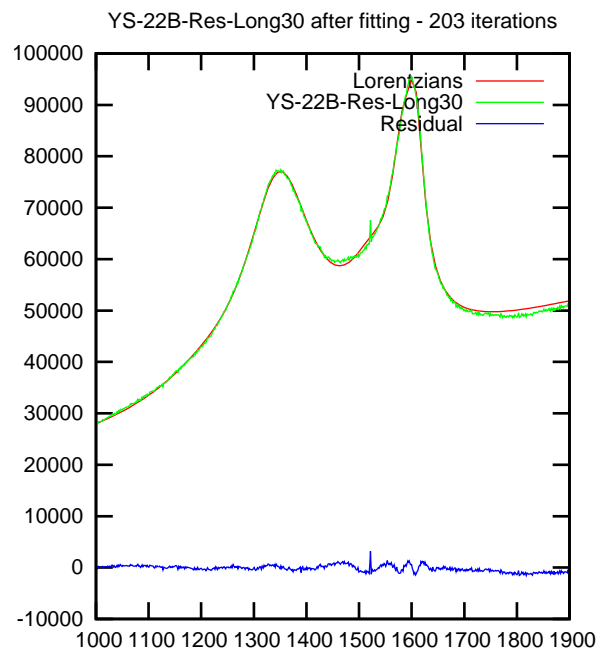
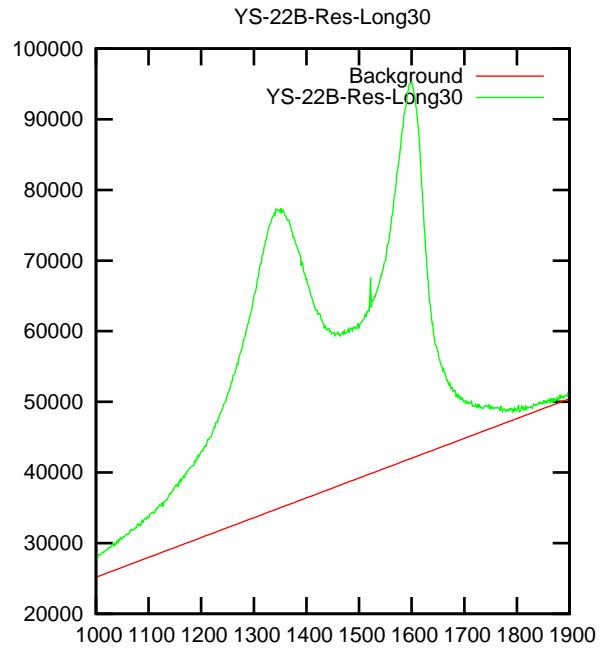


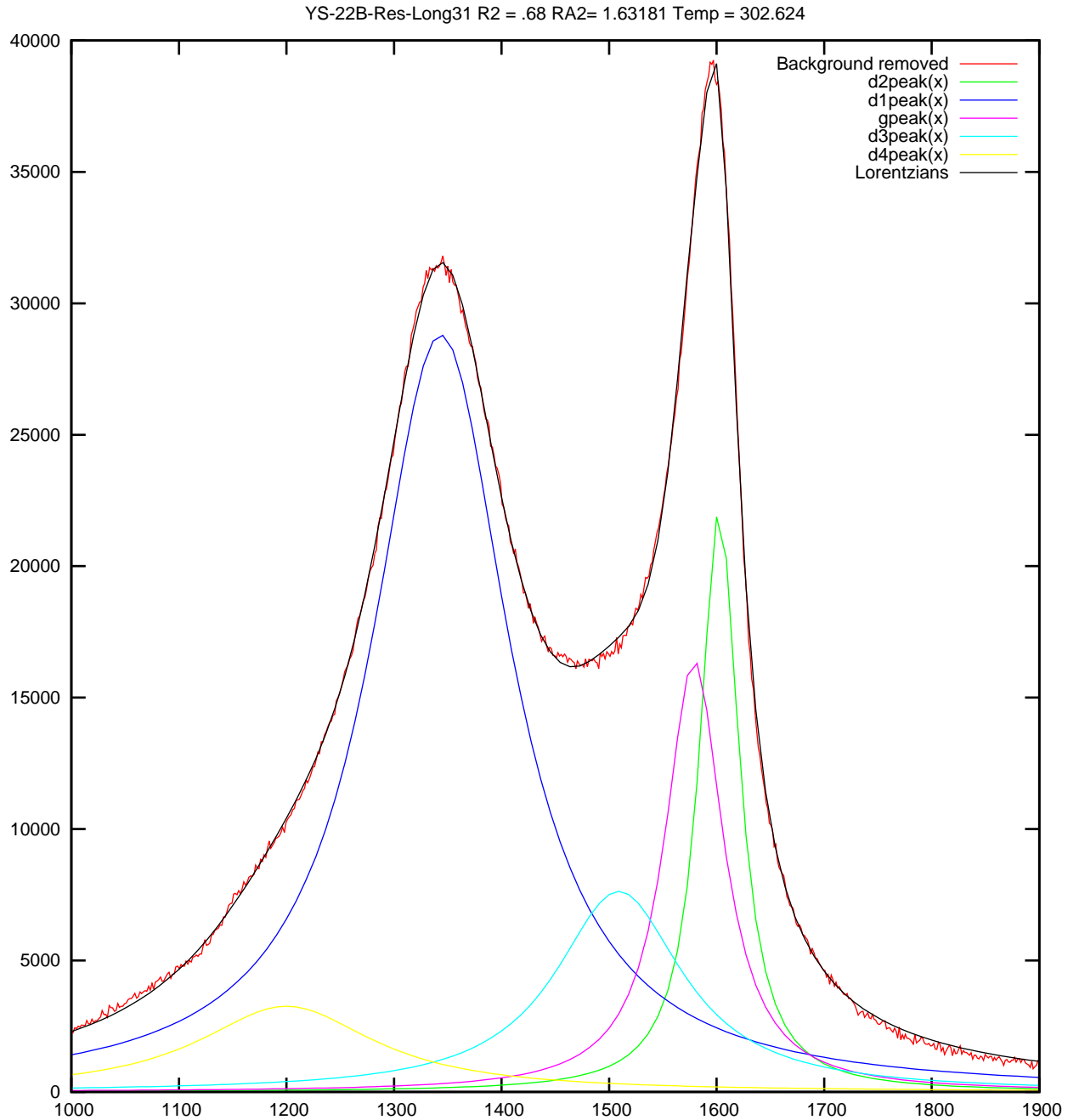
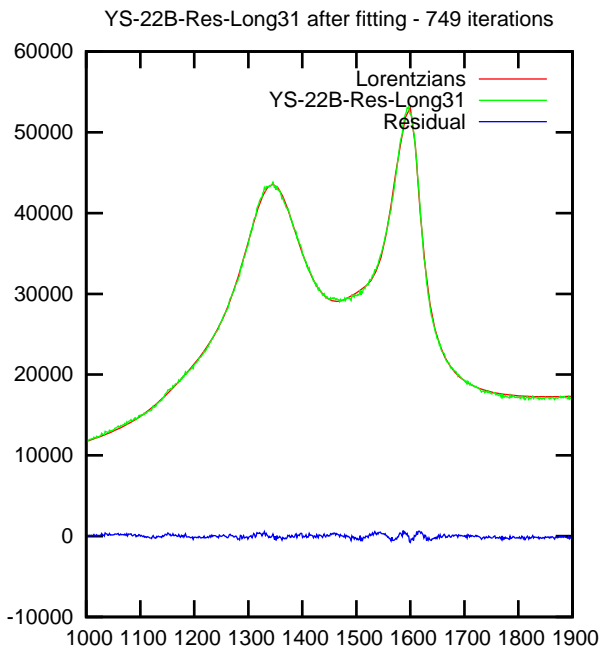
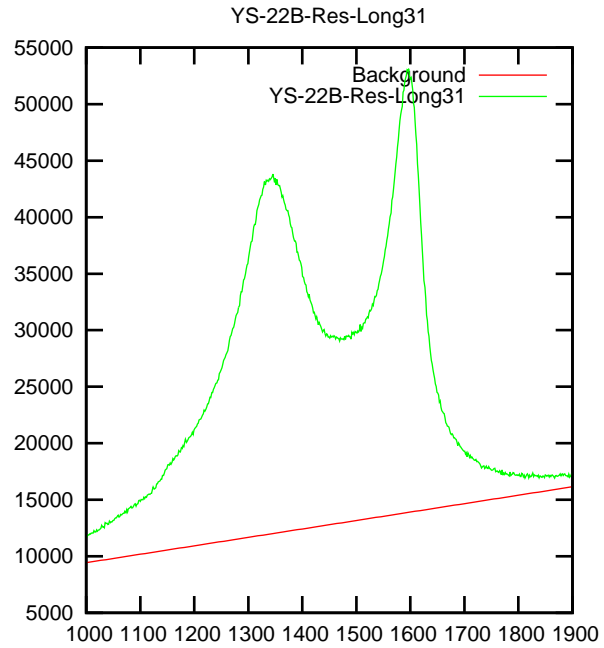


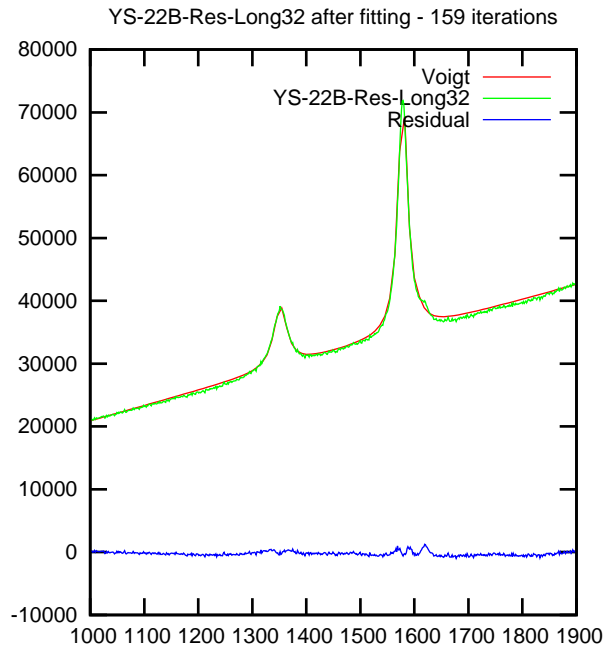
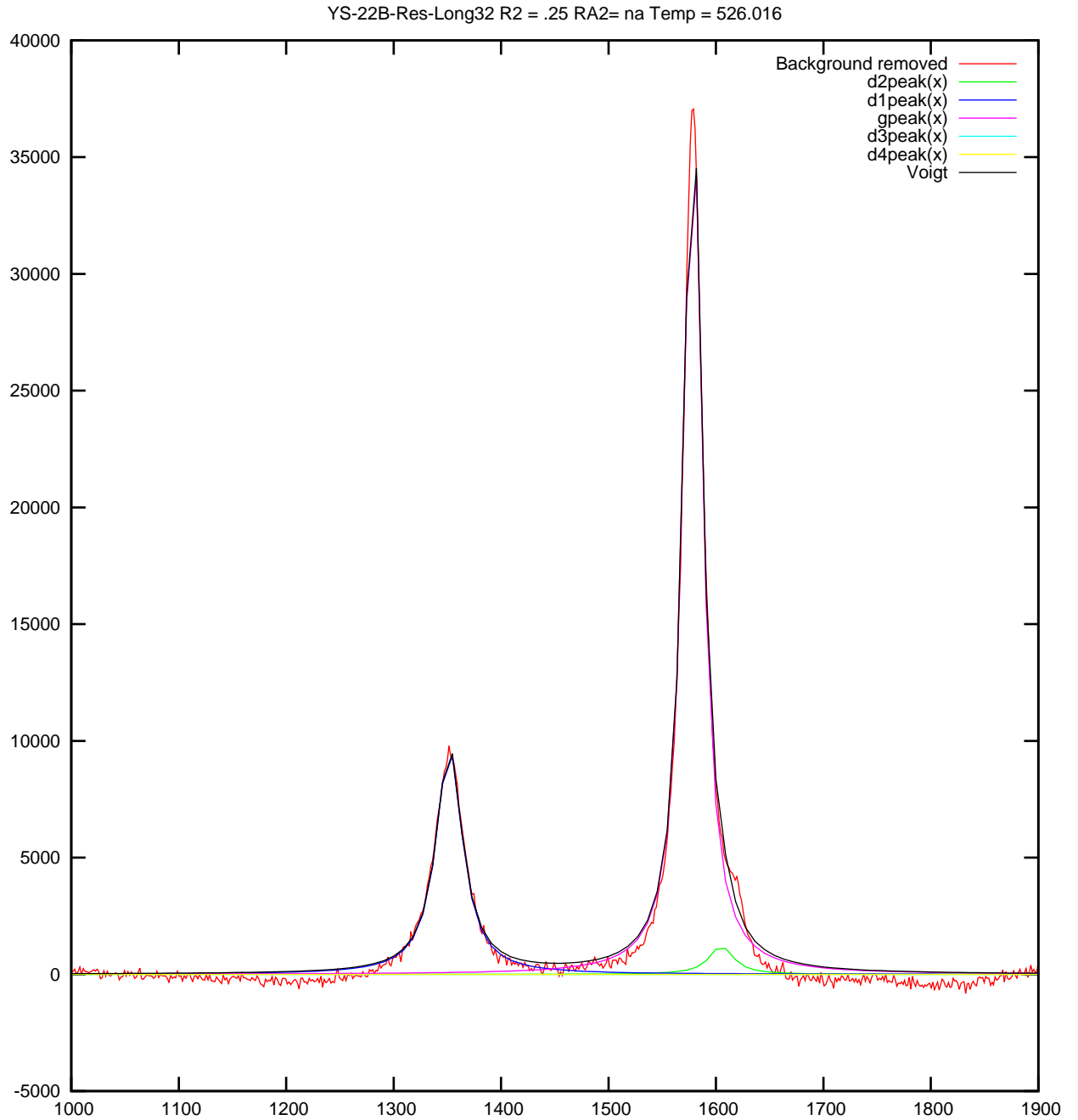
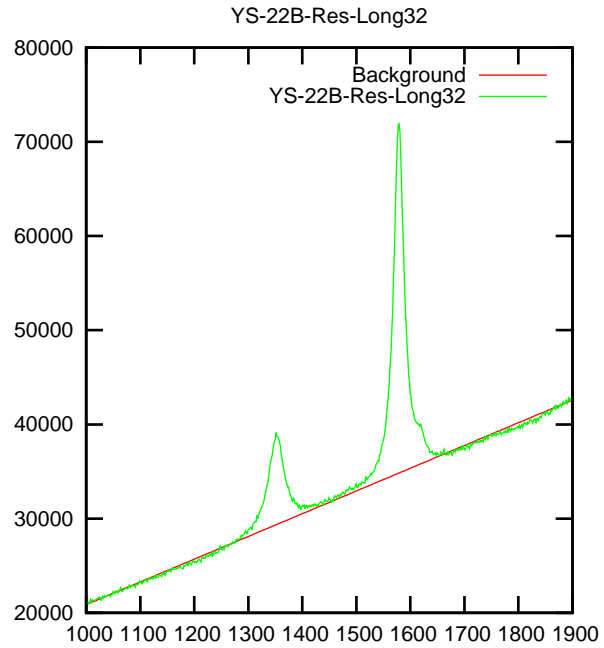


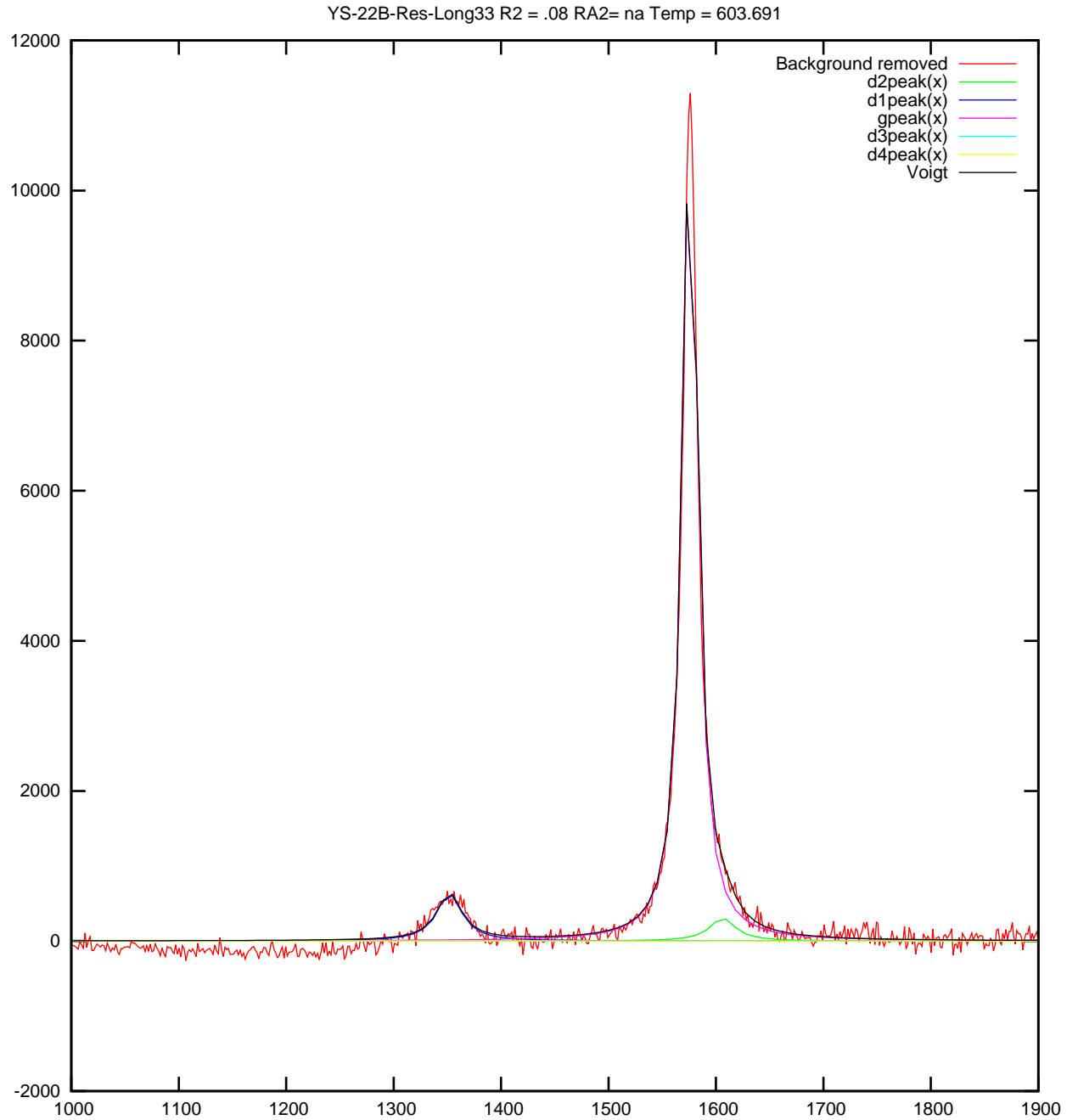
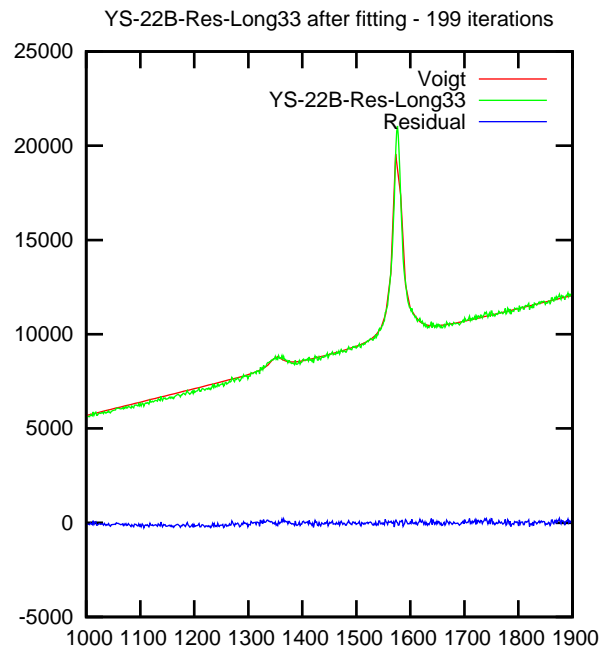
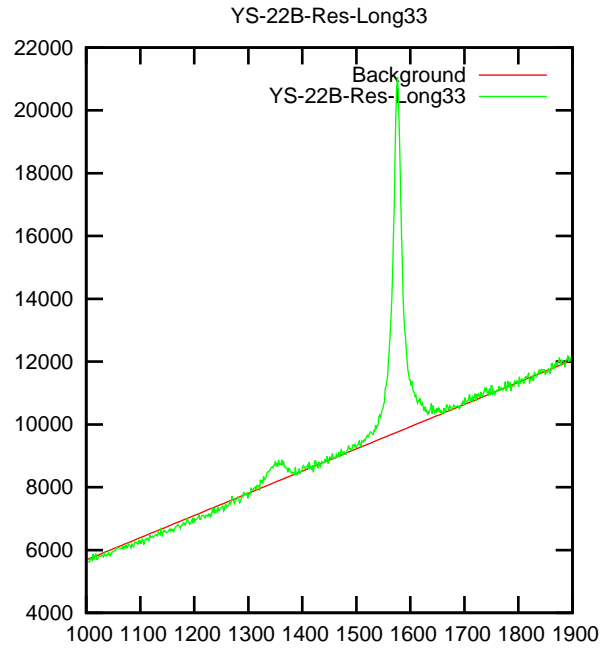
YS-22B-Res-Long29 = Noisy

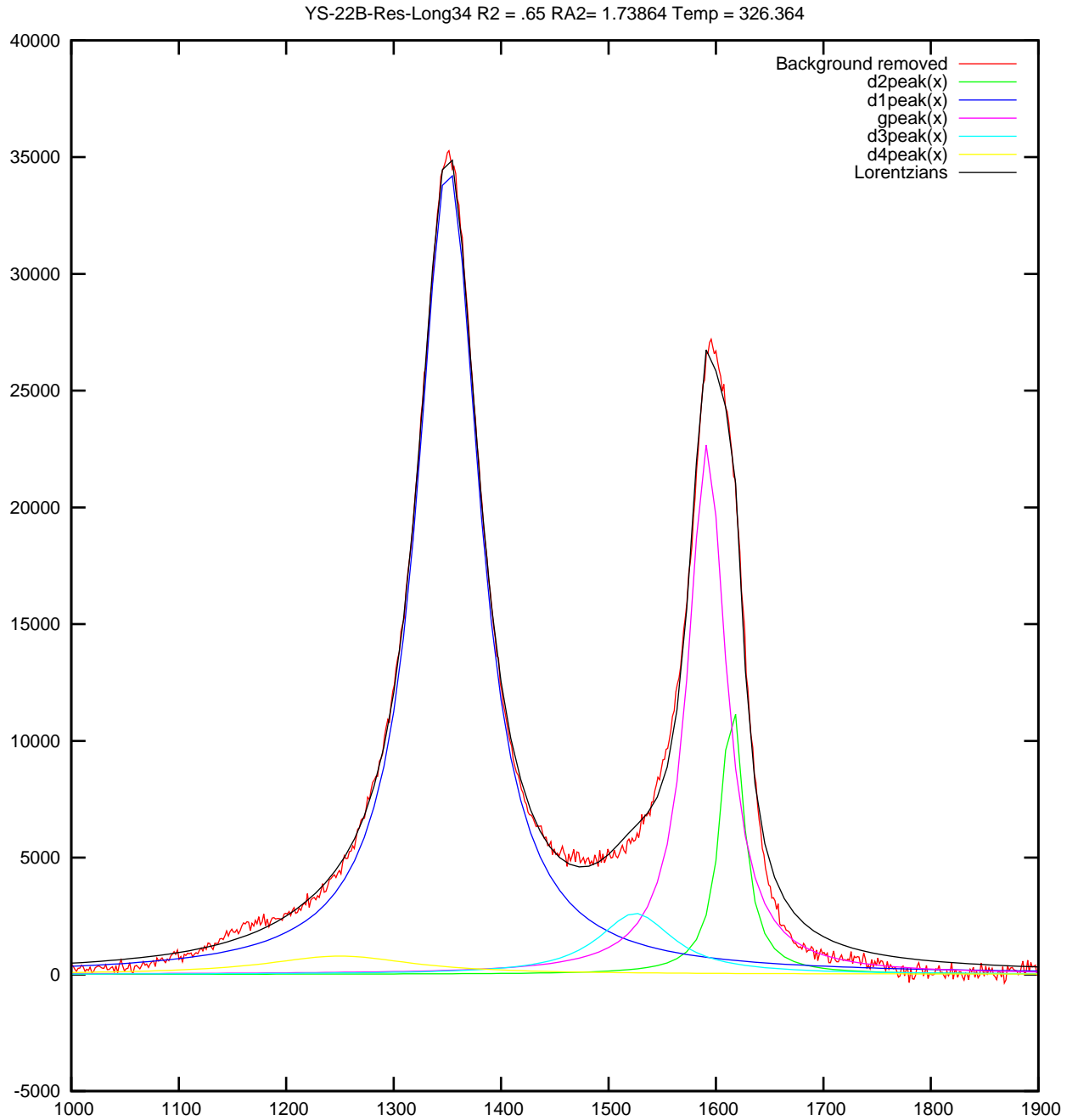
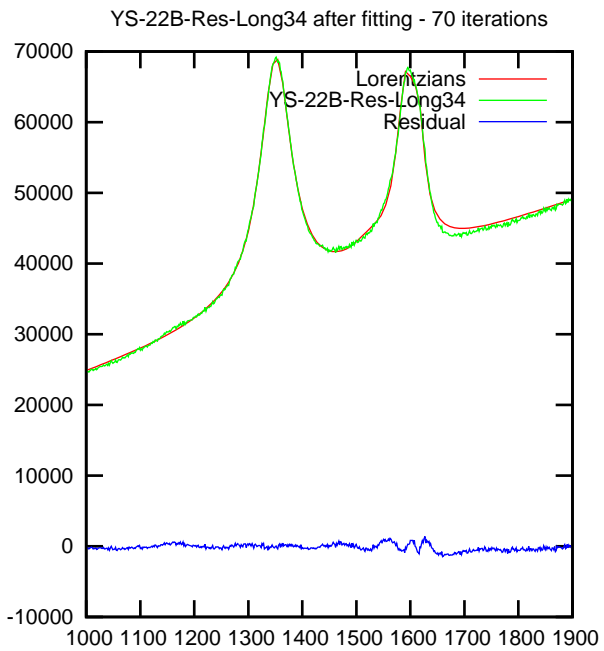
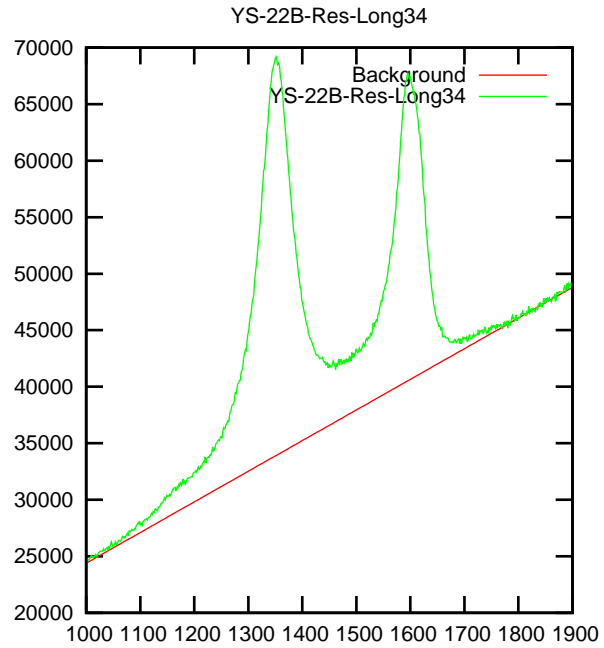


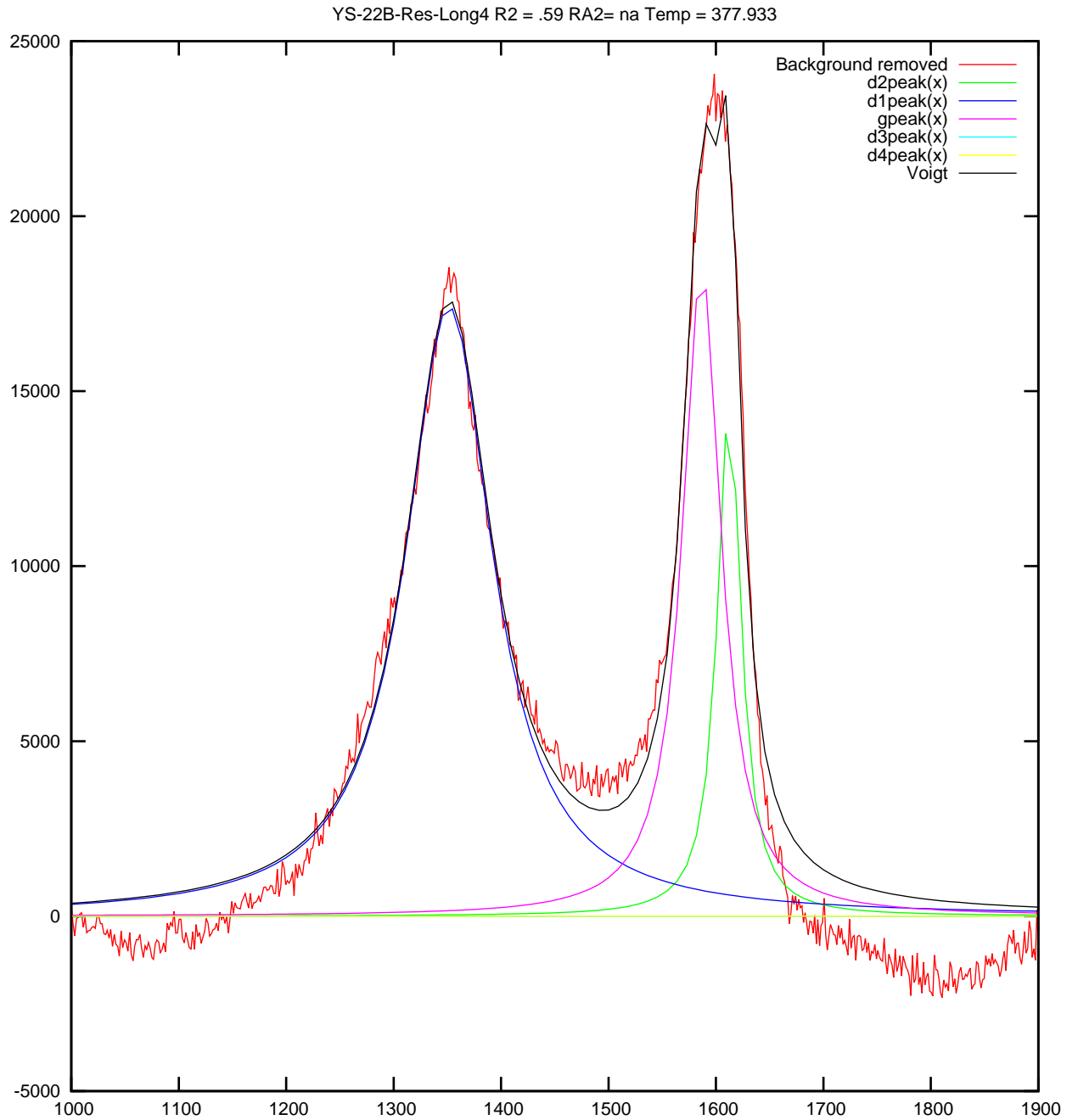
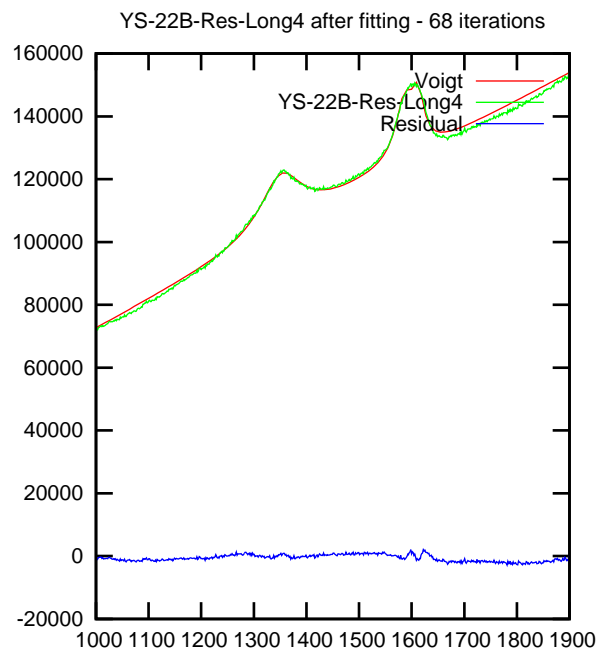
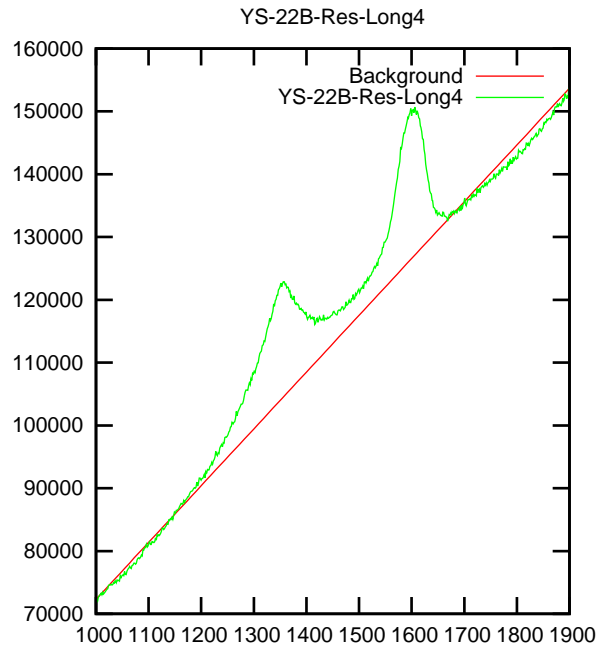




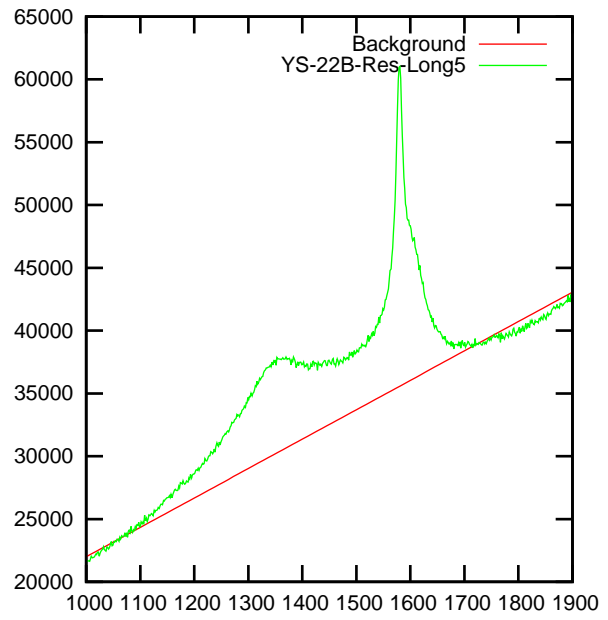




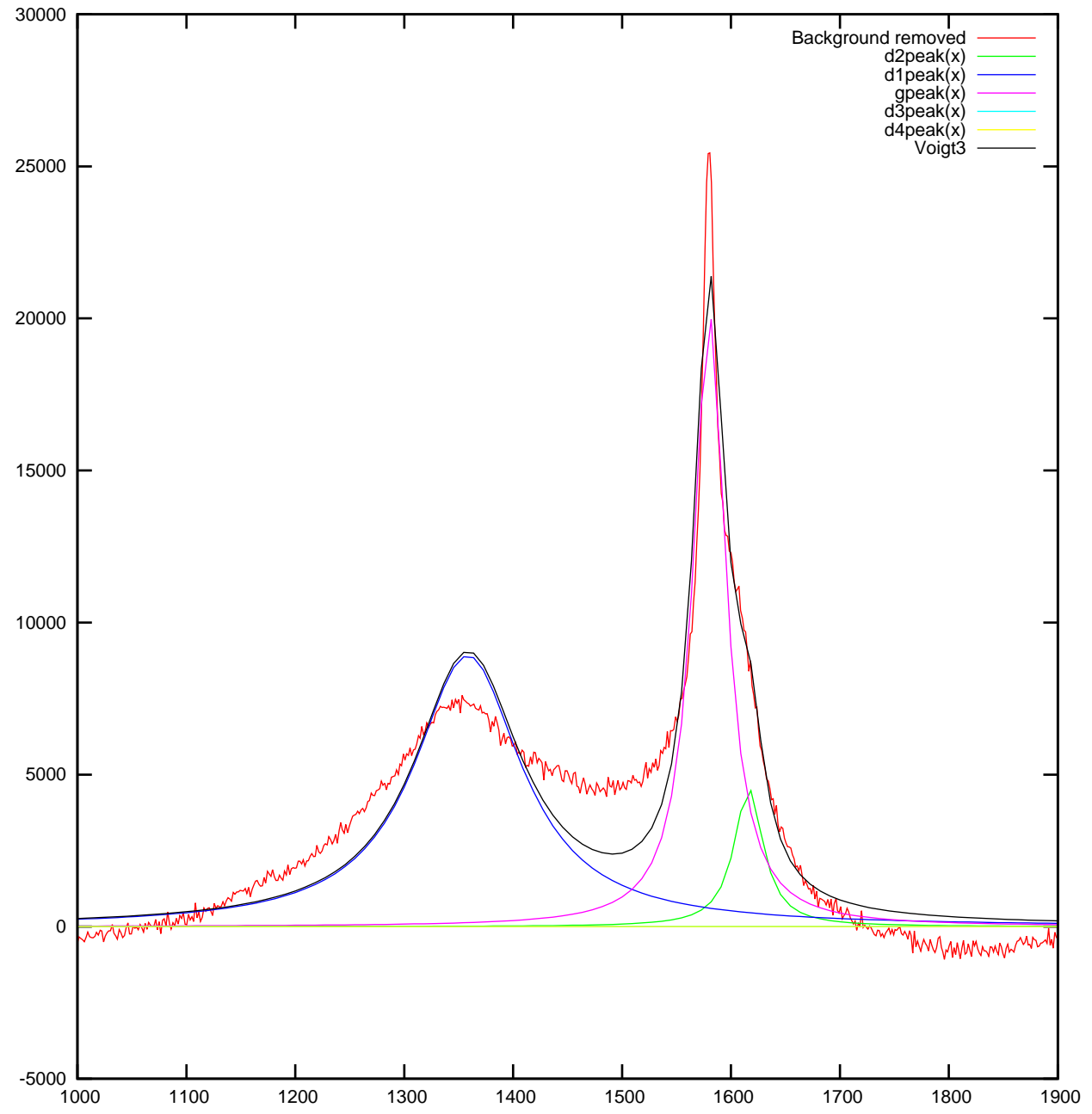




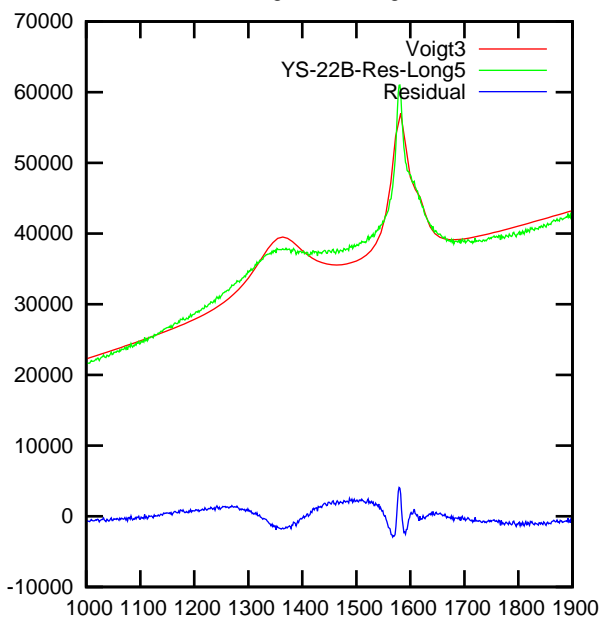
YS-22B-Res-Long5

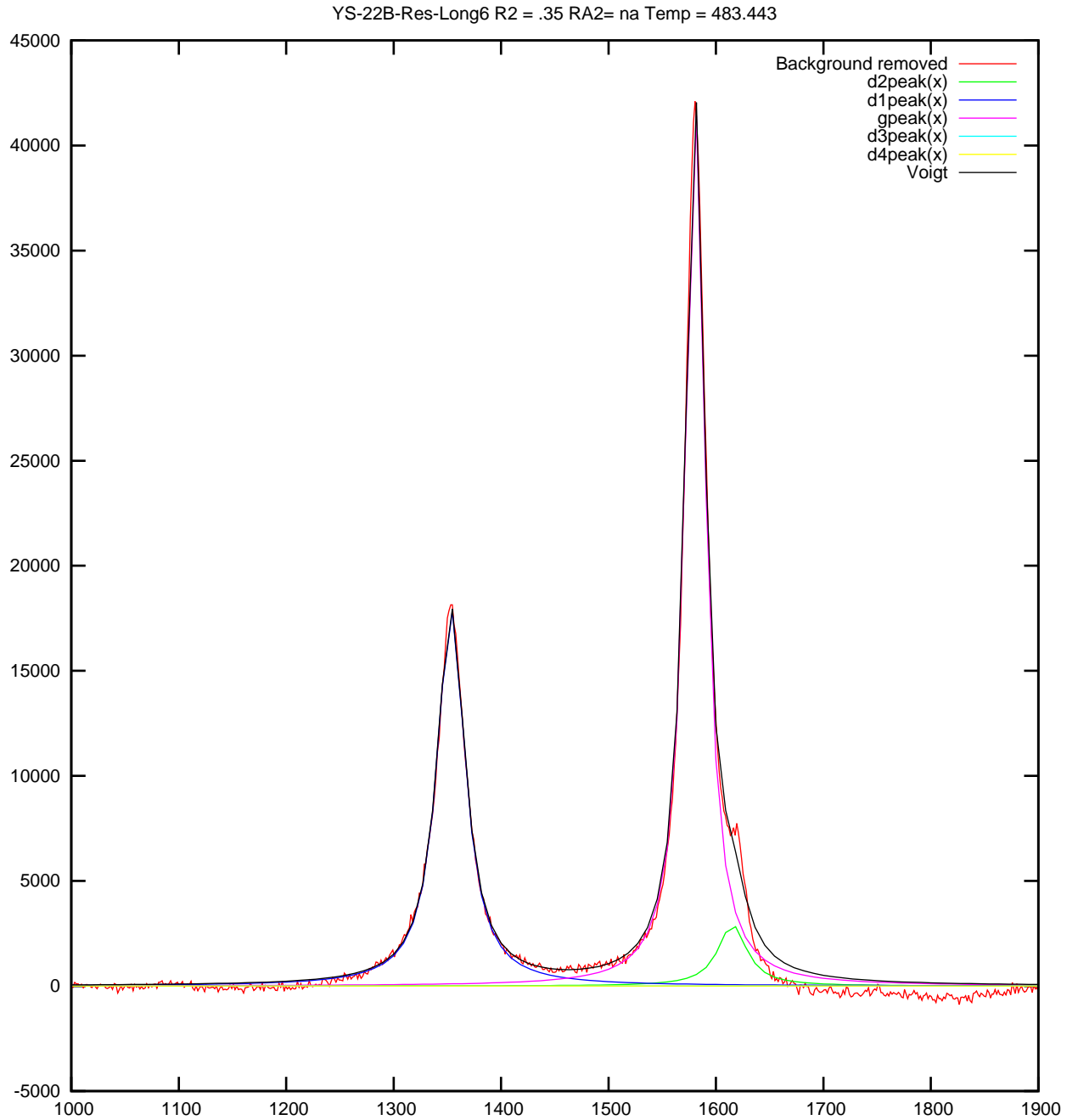
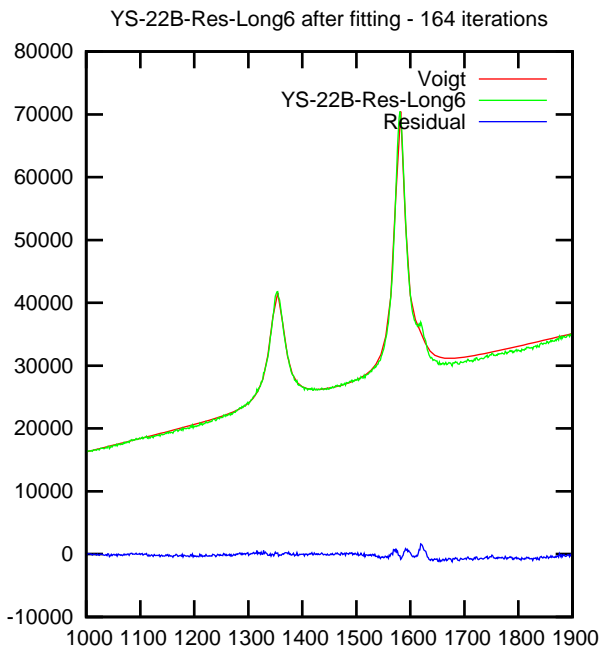
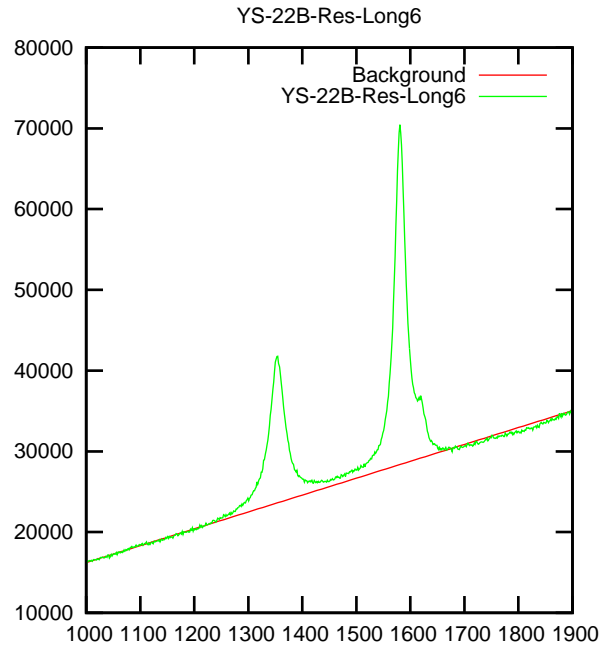


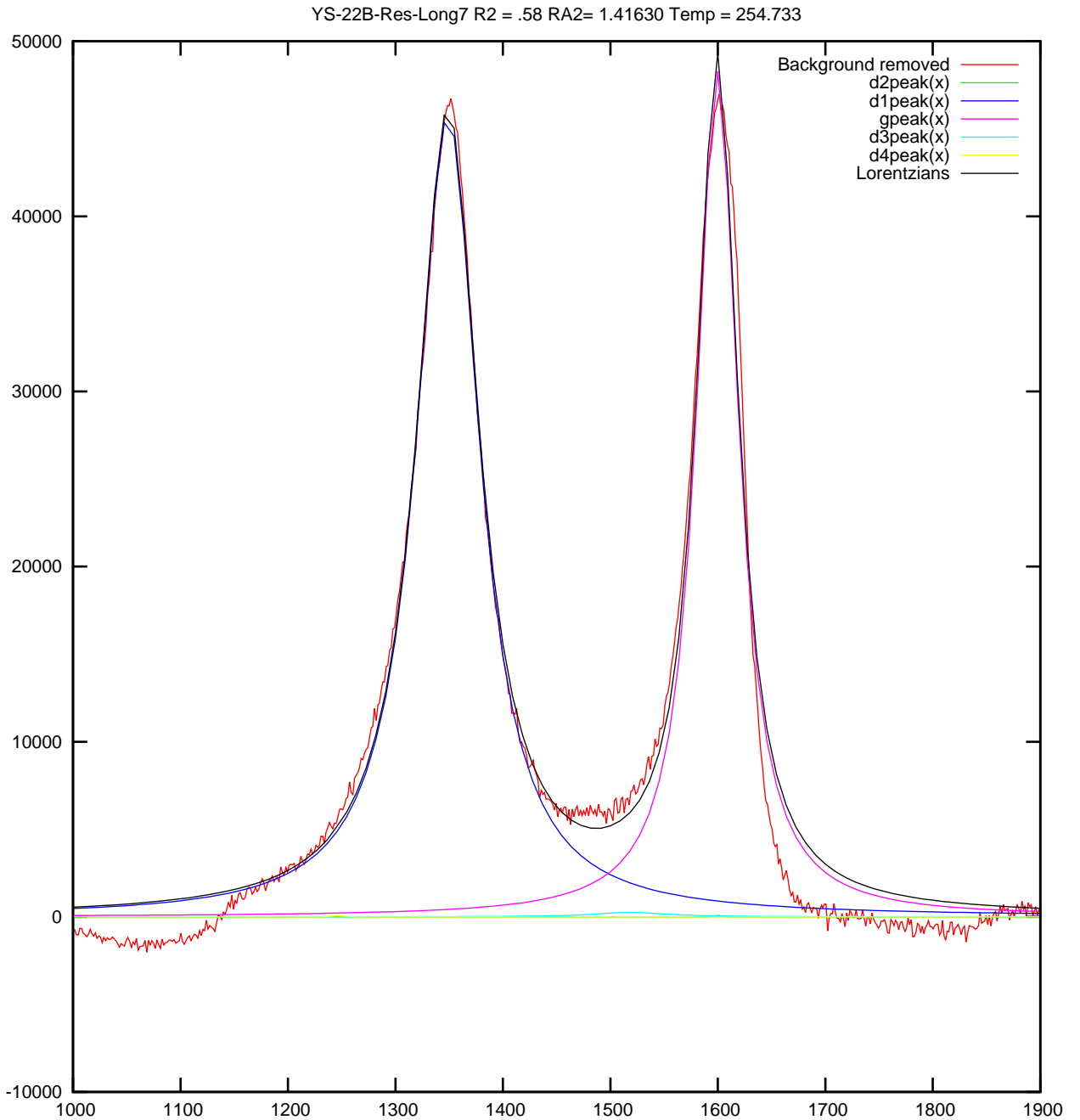
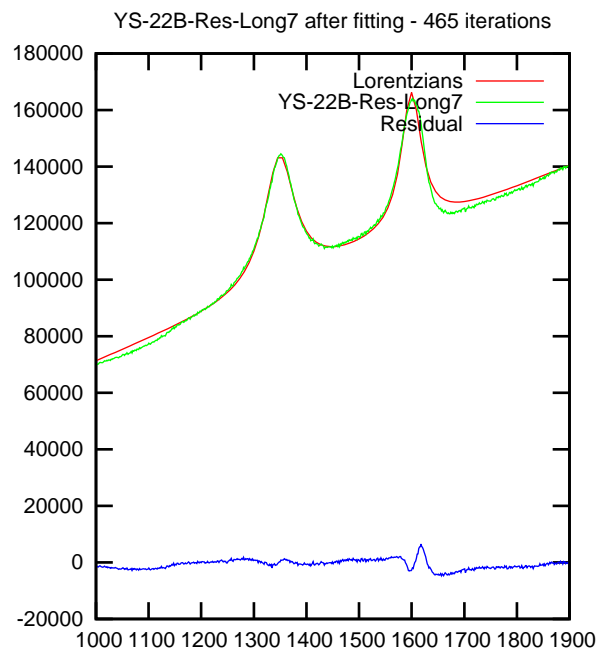
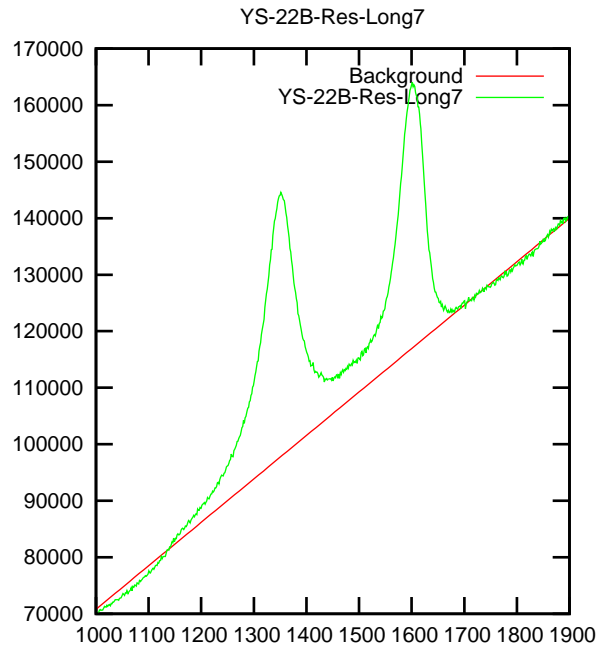
YS-22B-Res-Long5 R2 = .55 RA2= na Temp = 396.067

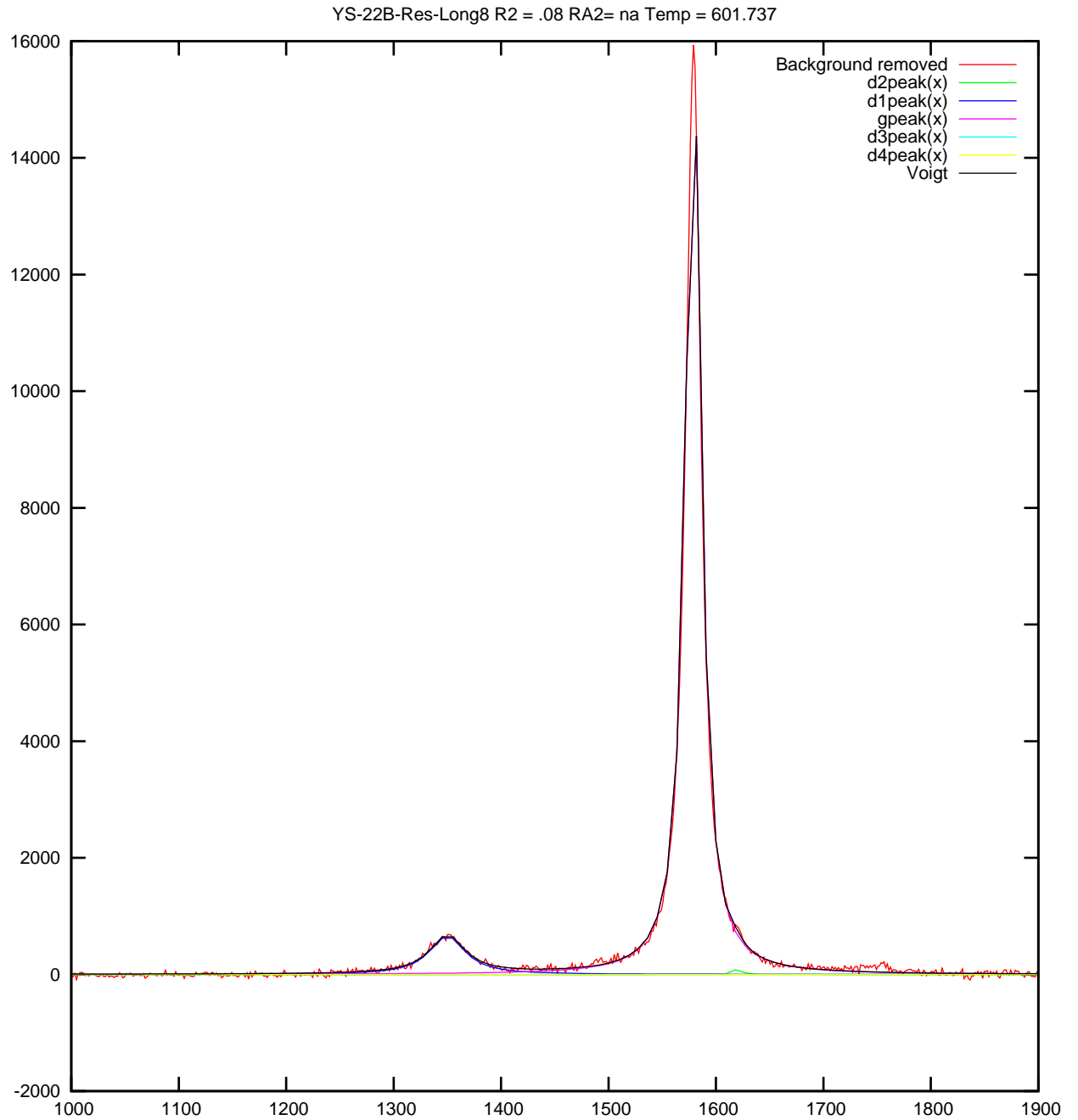
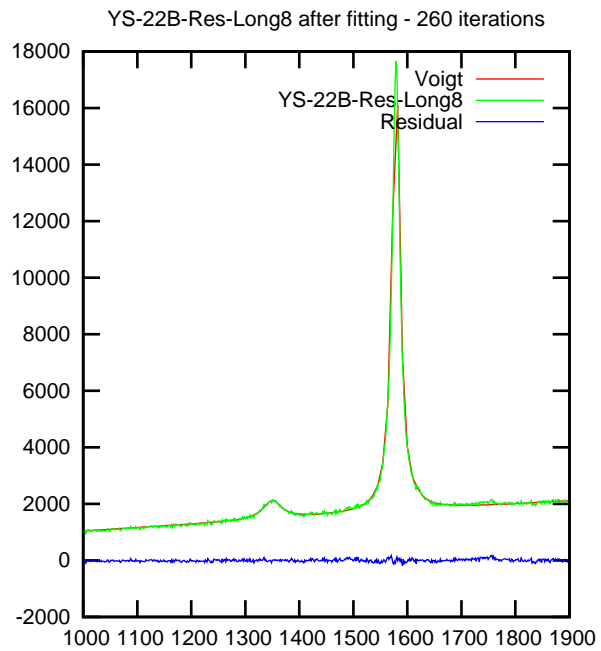
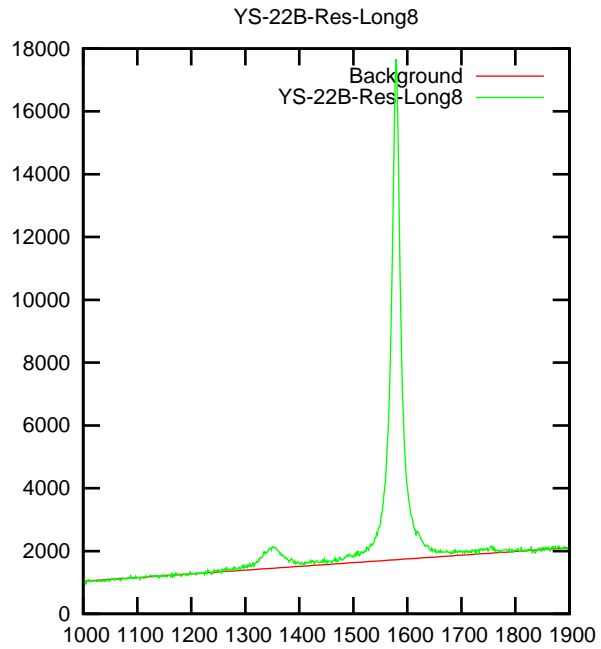


YS-22B-Res-Long5 after fitting - 184 iterations

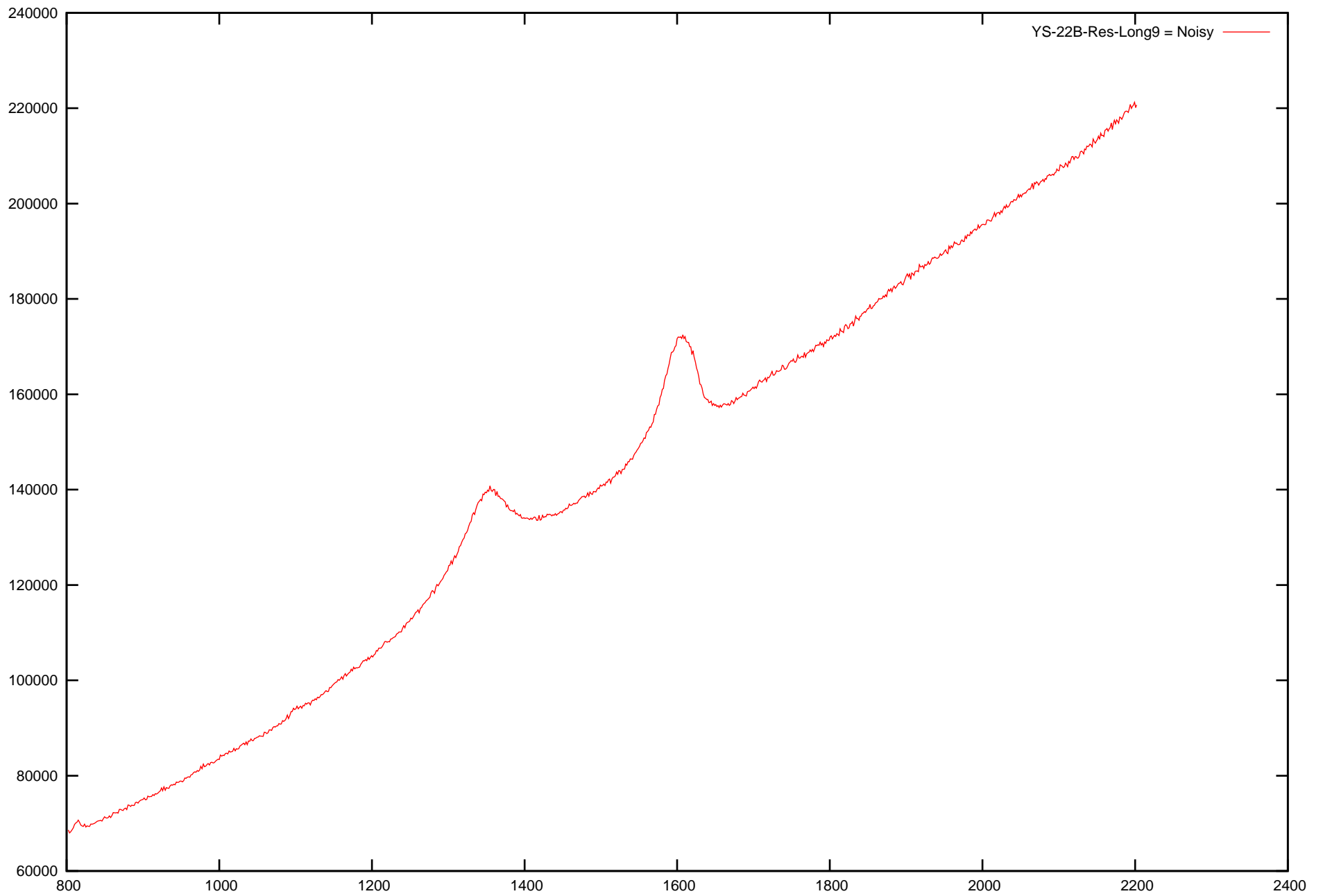


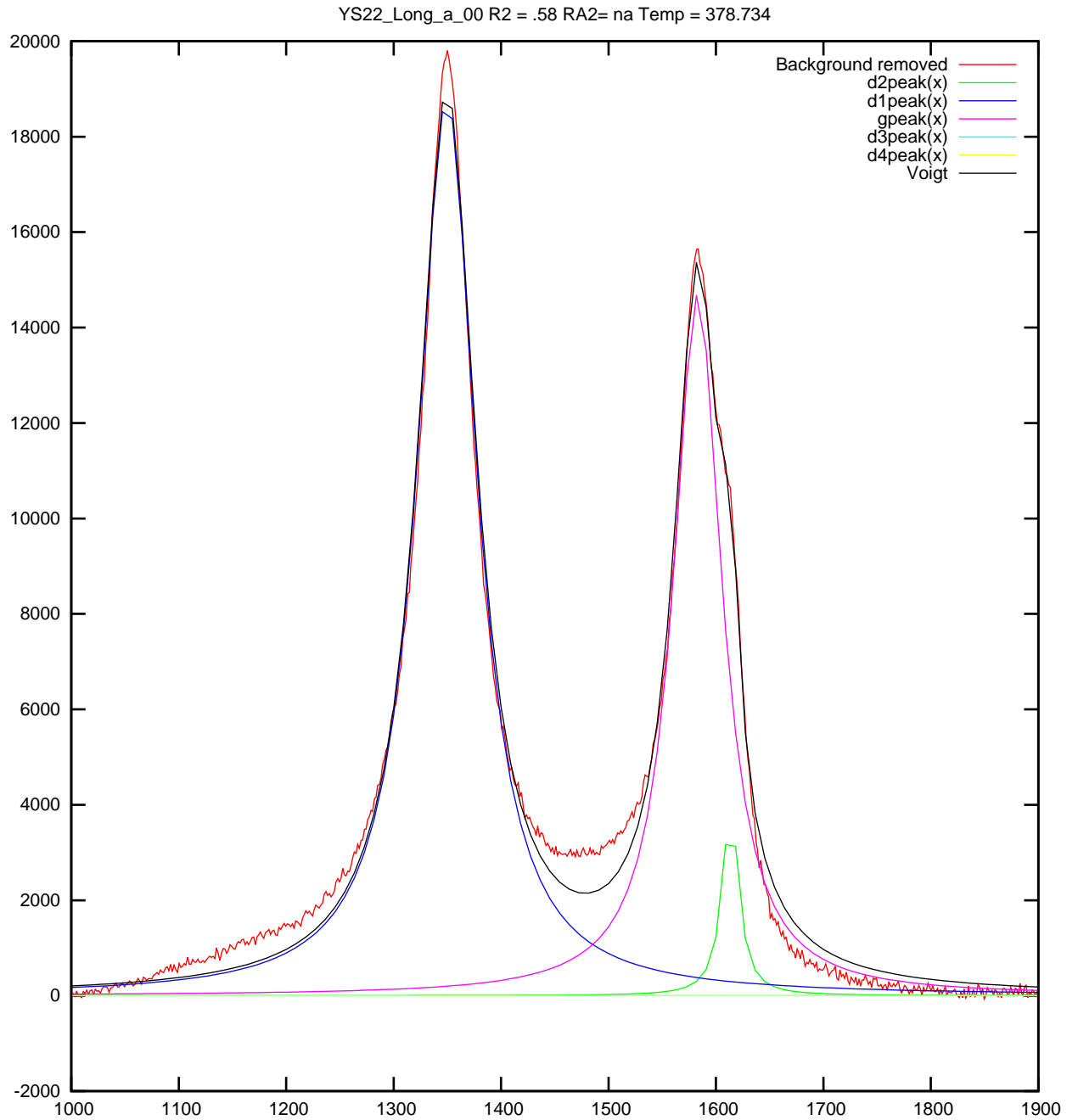
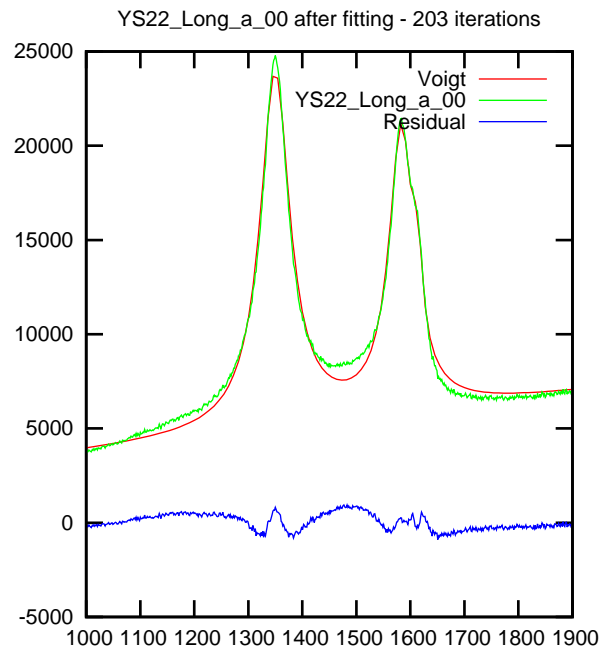
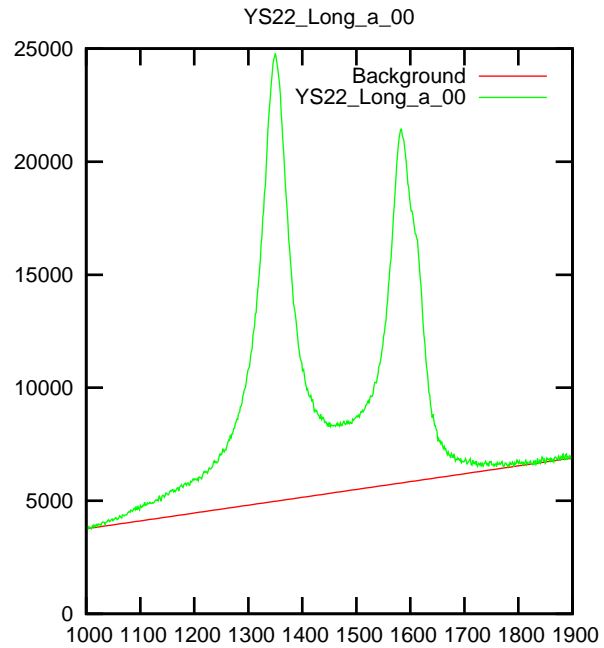


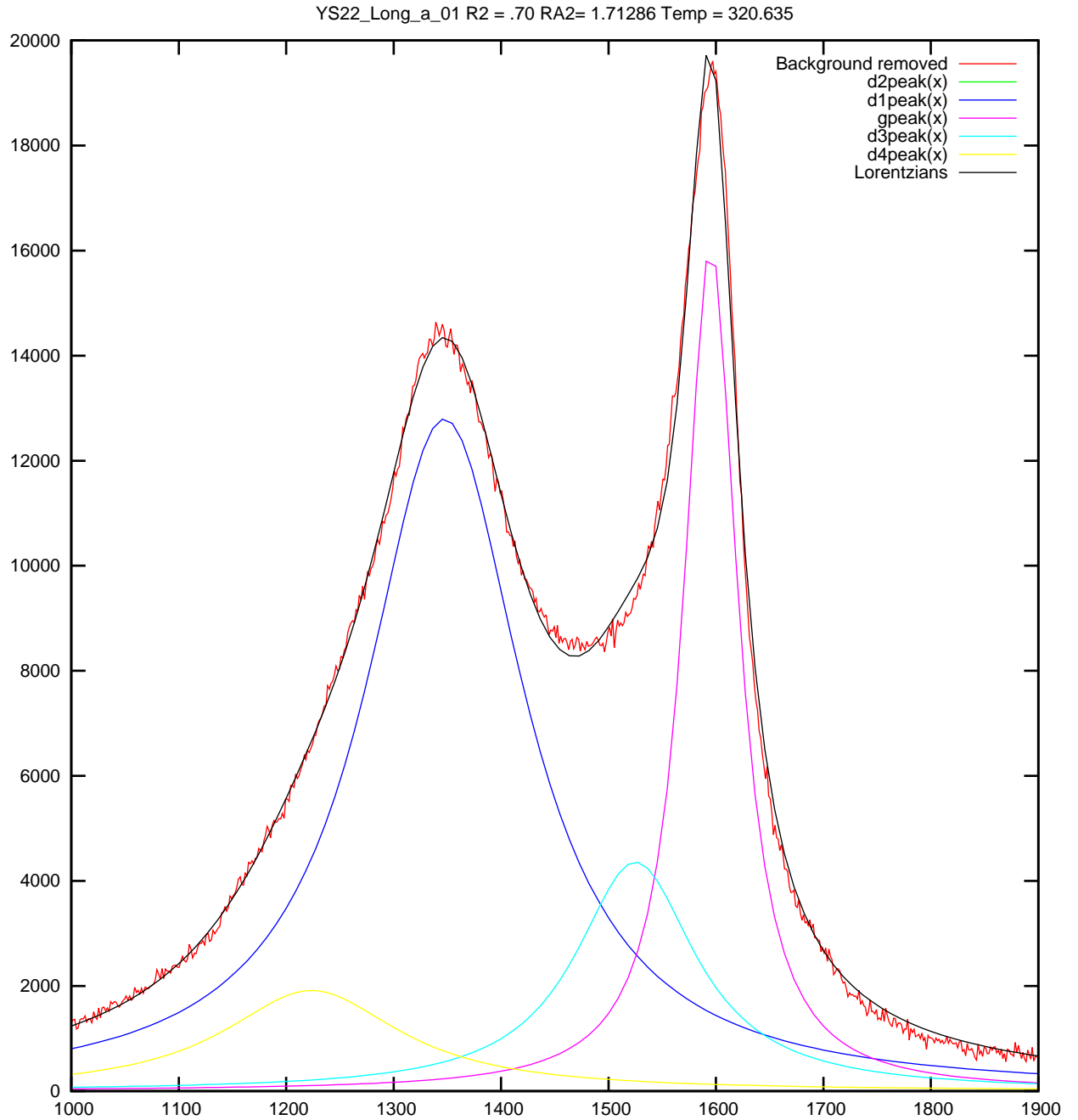
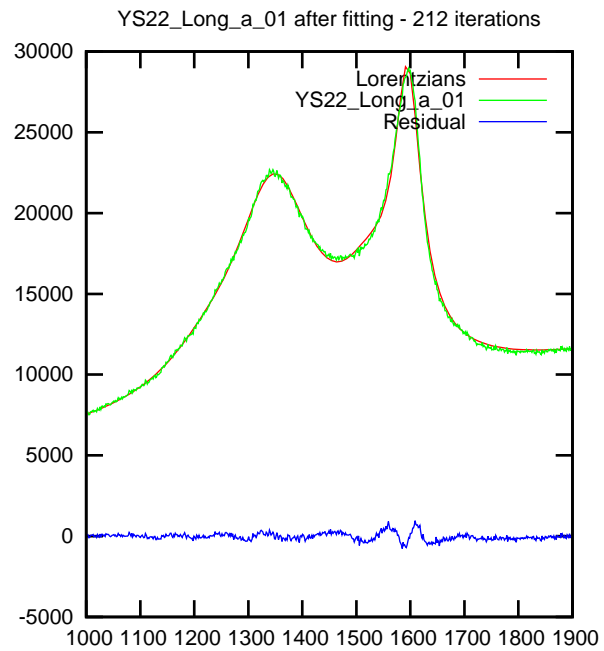
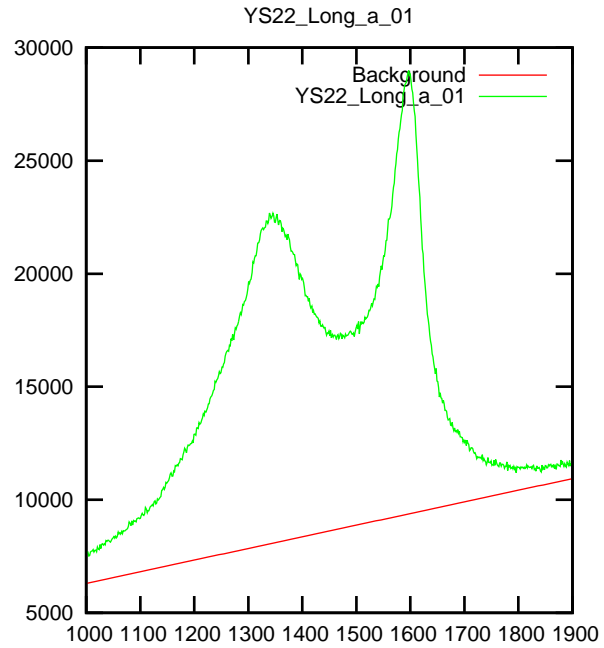




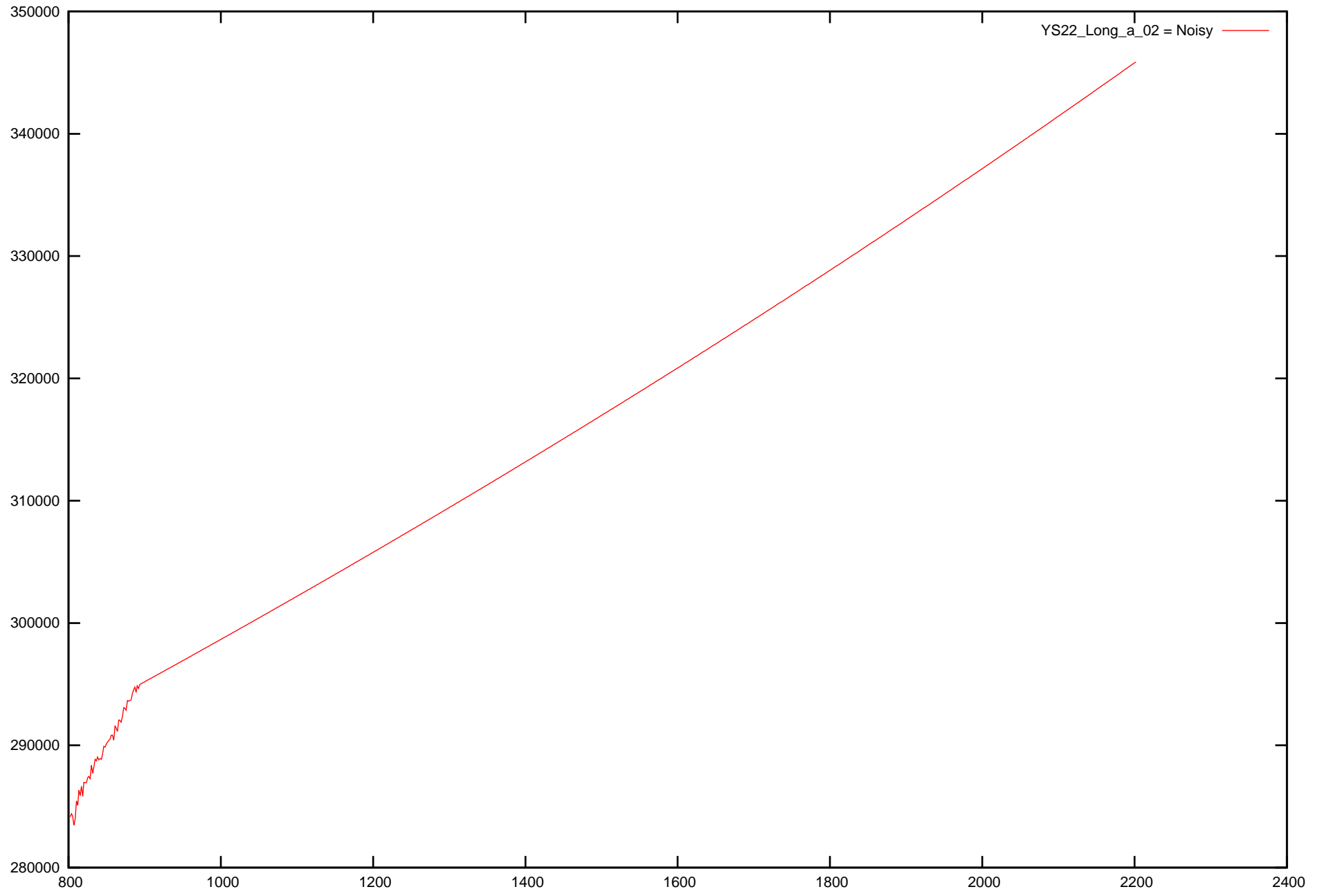
YS-22B-Res-Long9 = Noisy

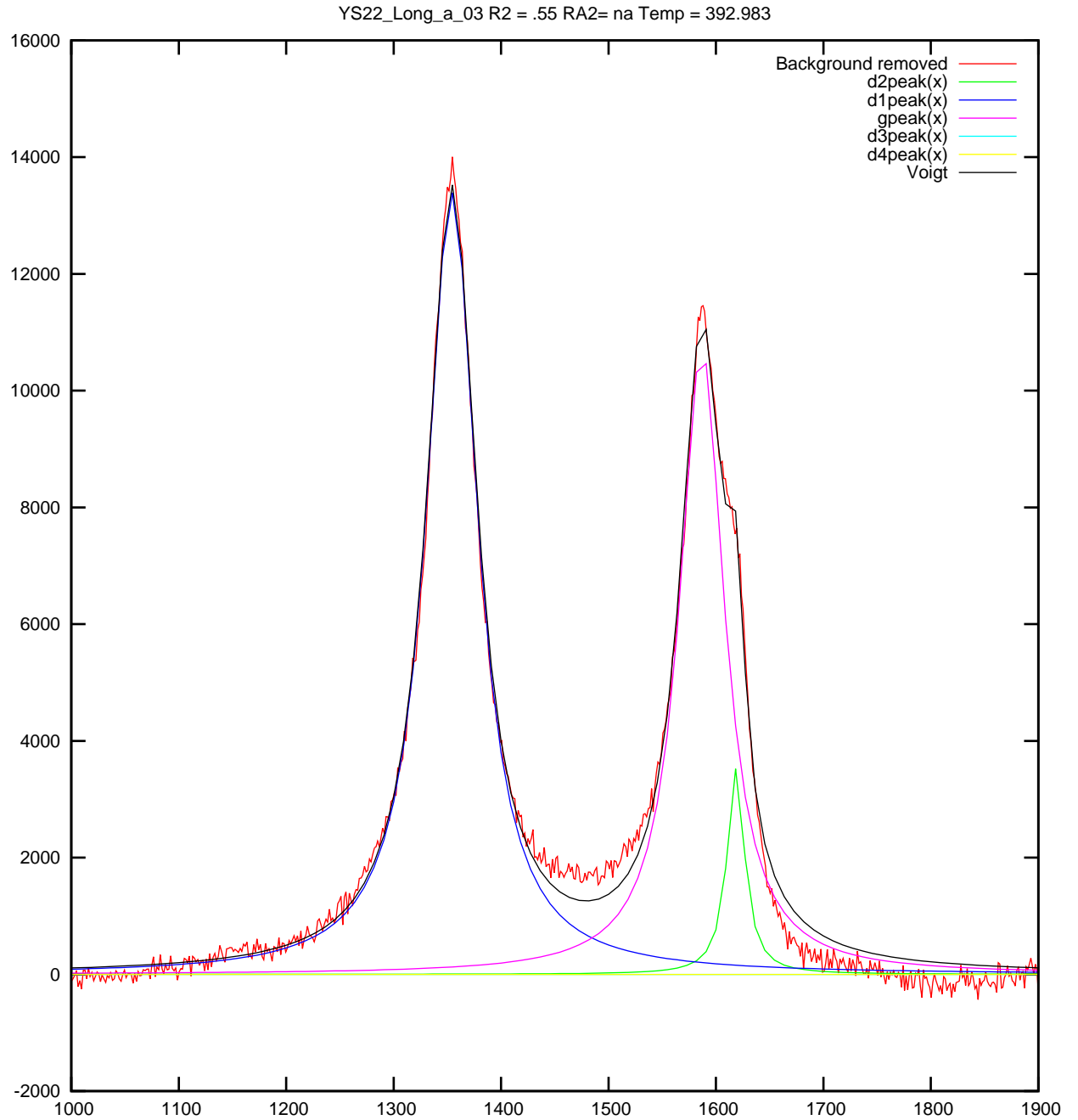
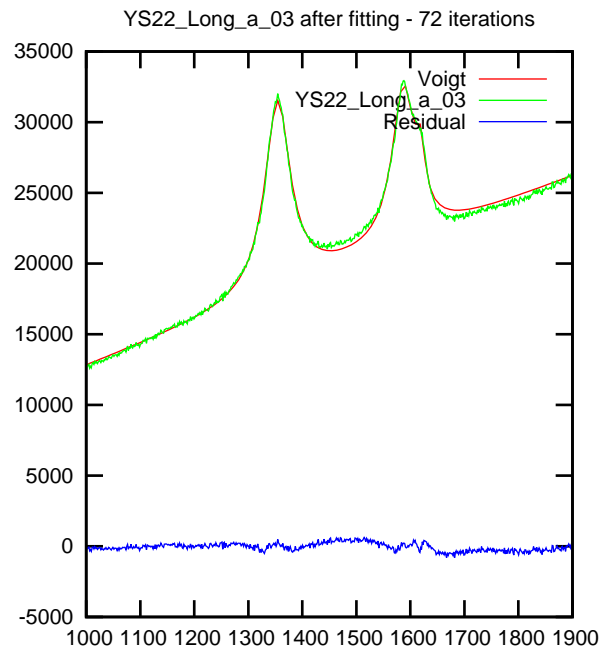
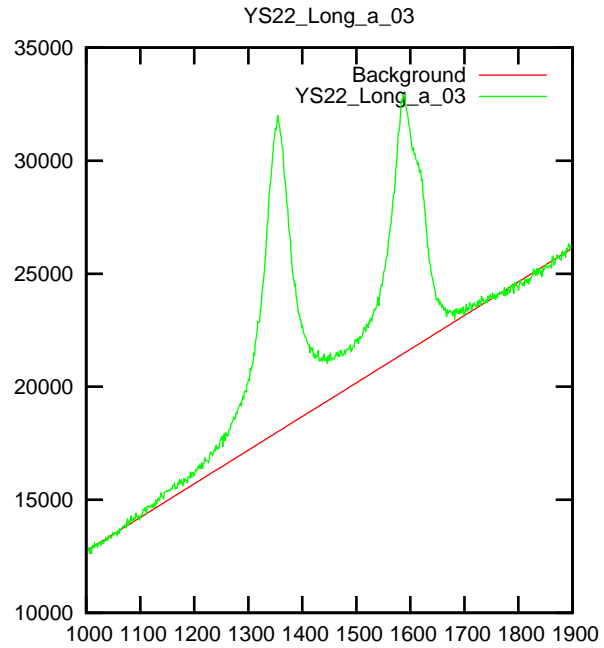


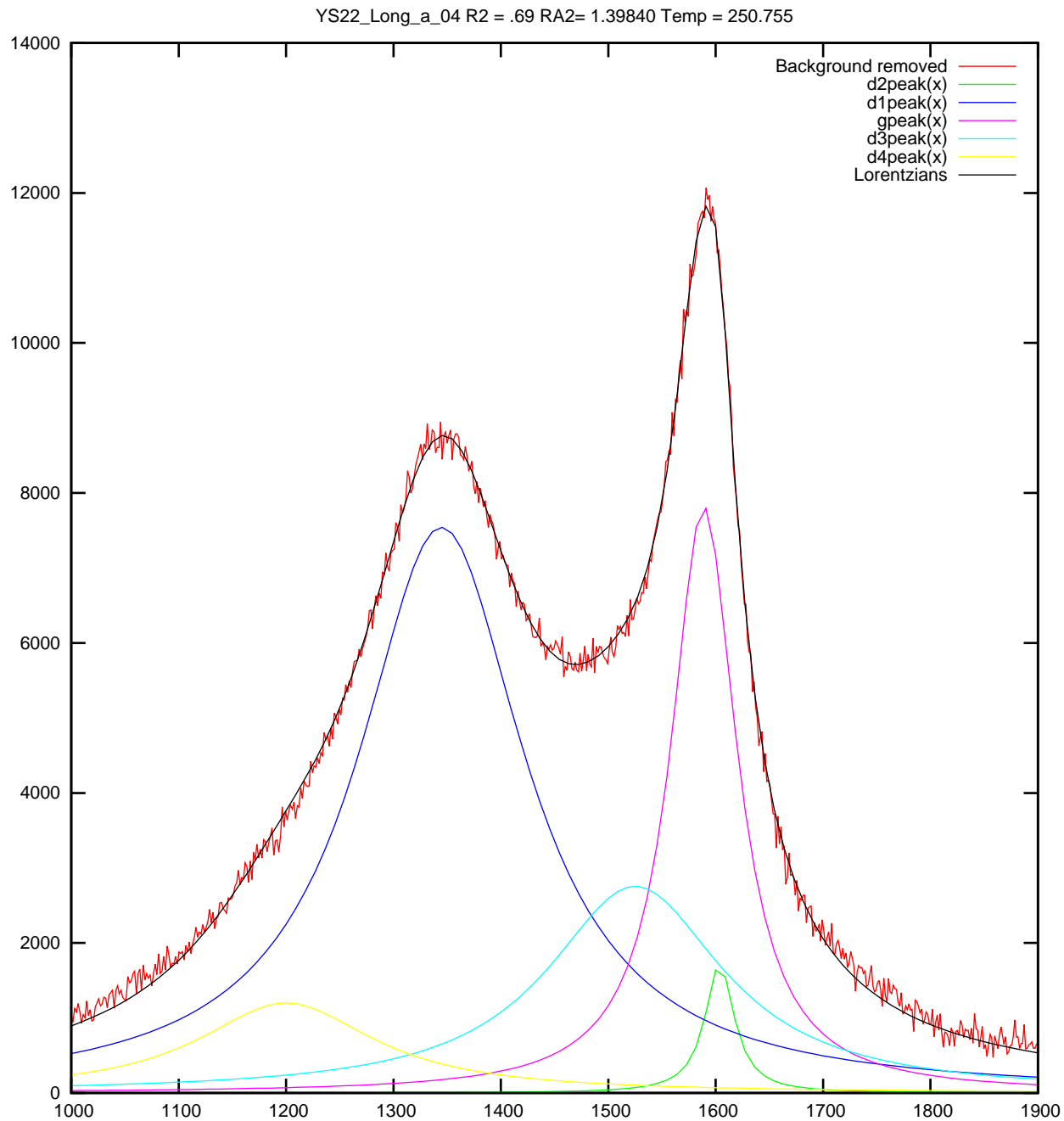
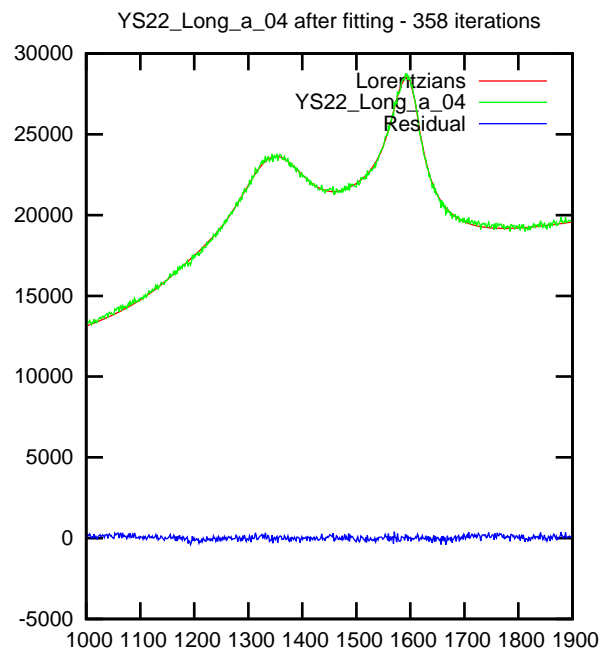
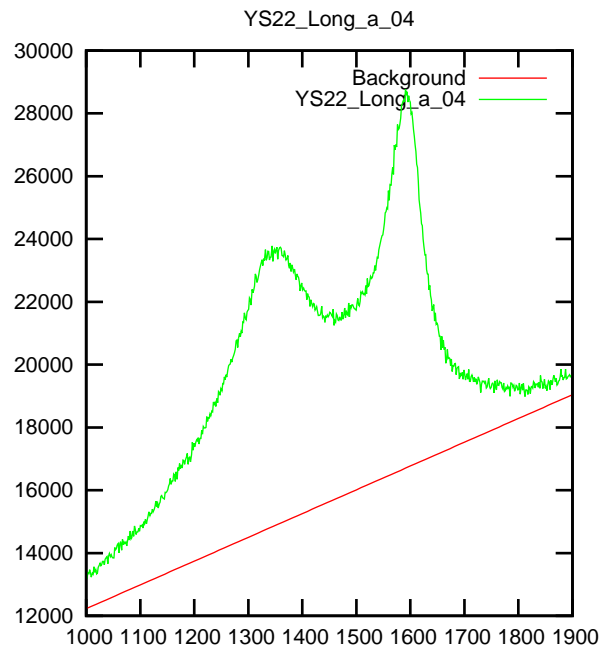


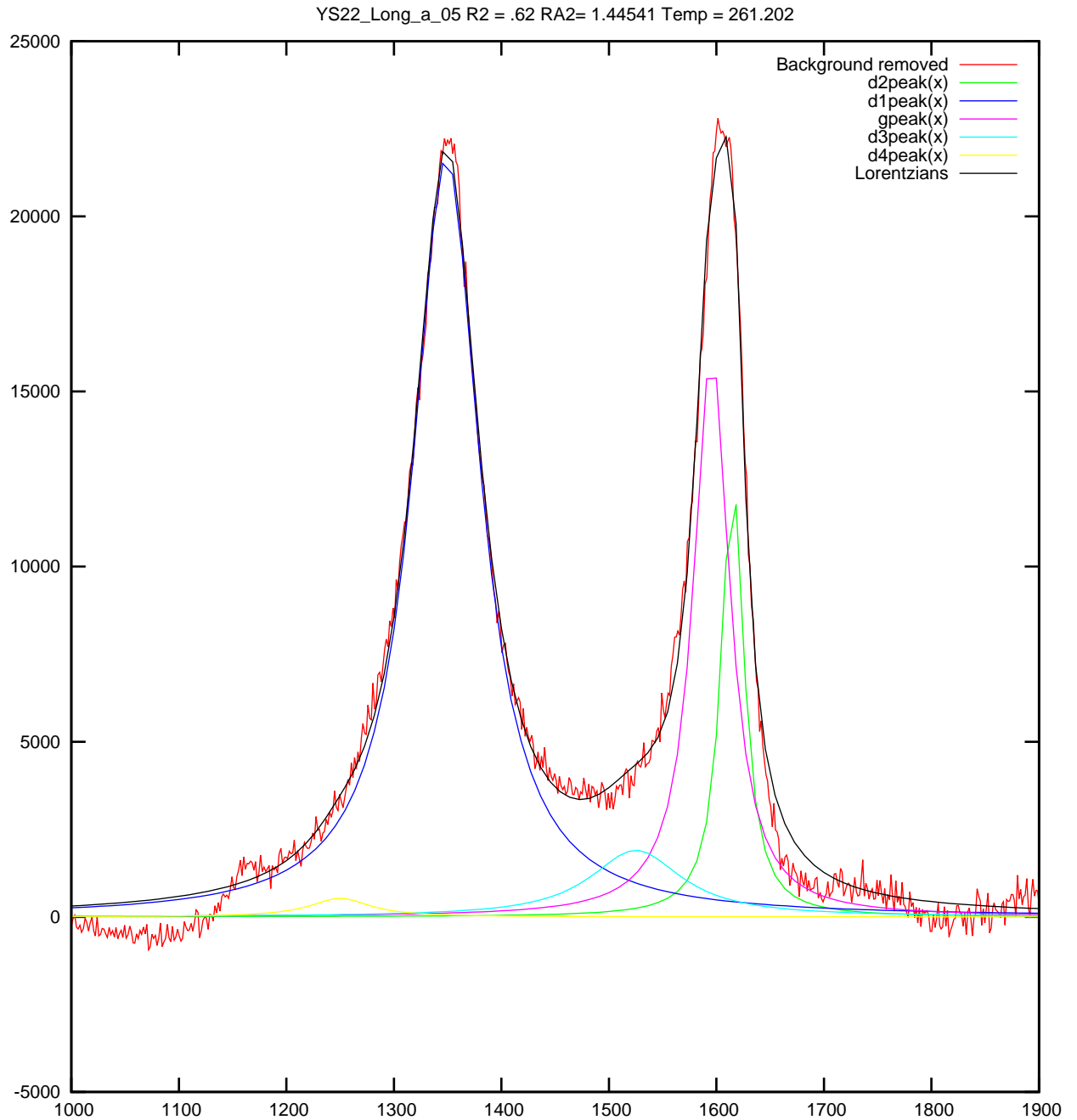
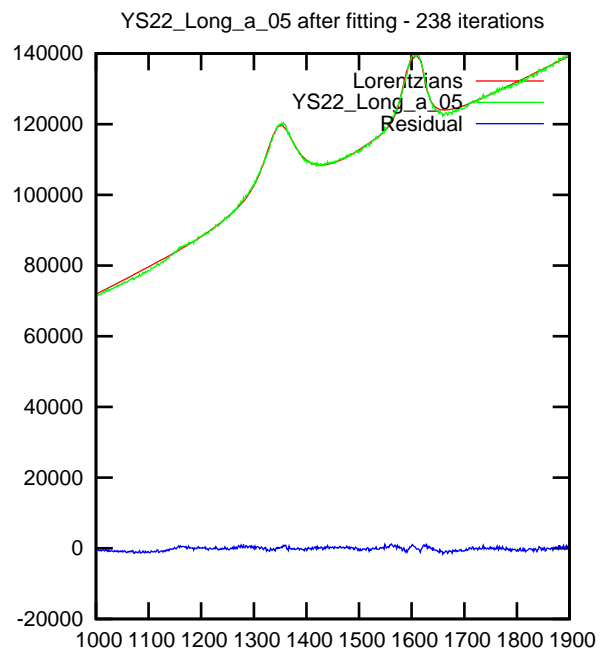
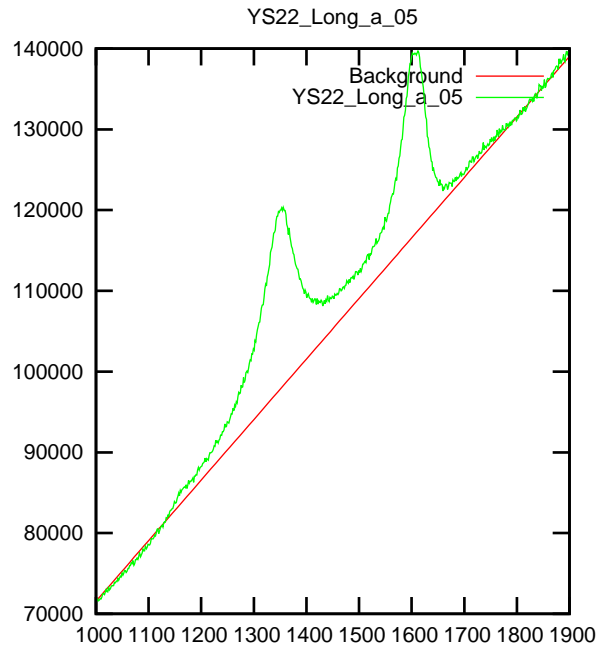


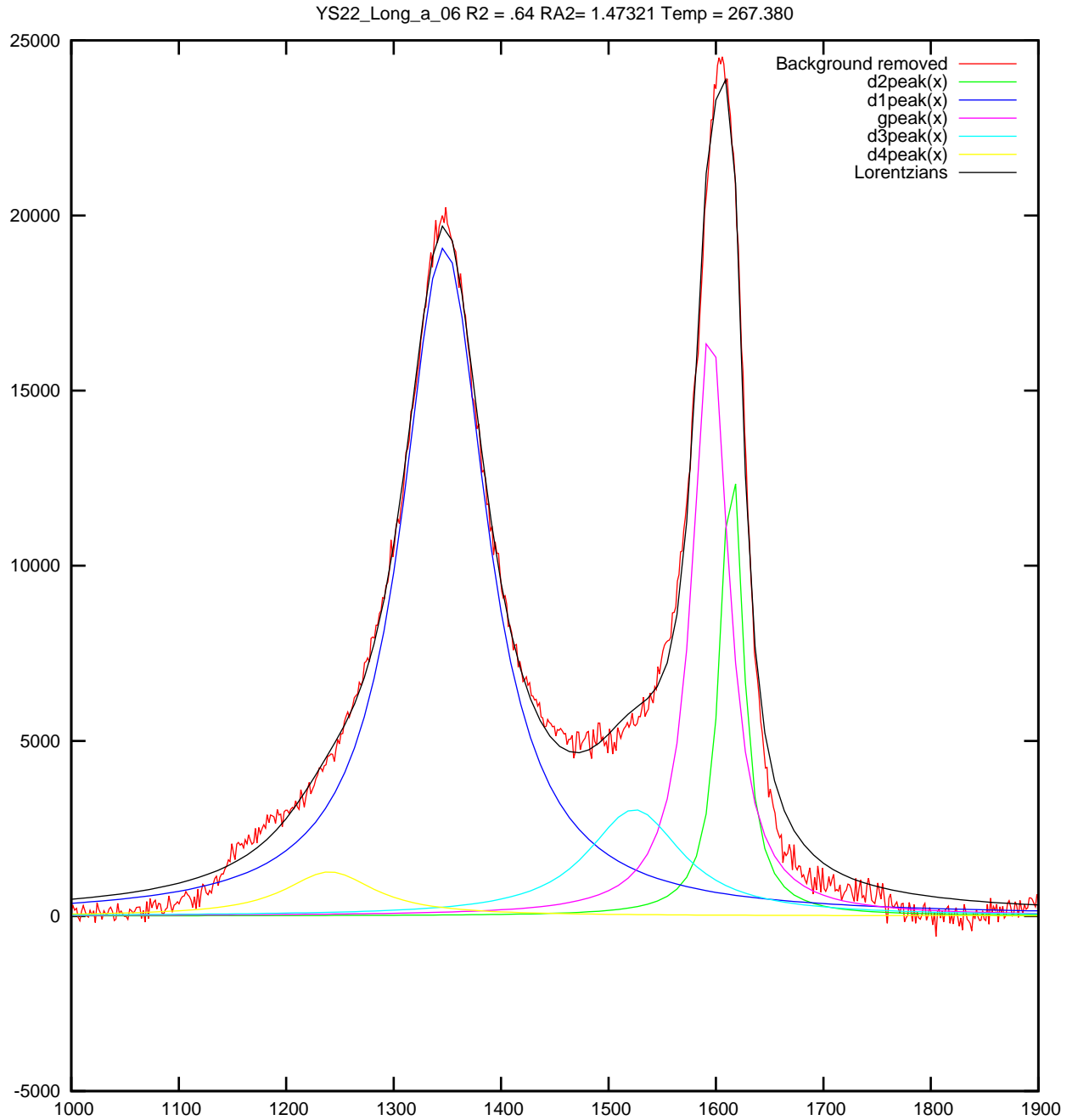
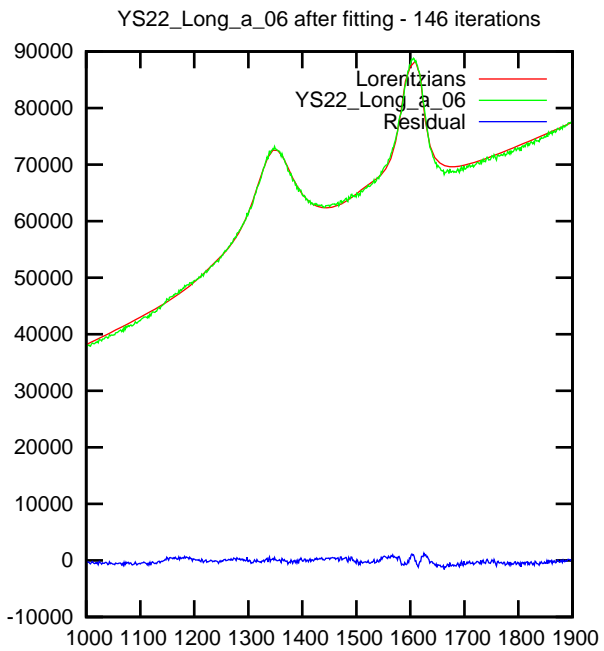
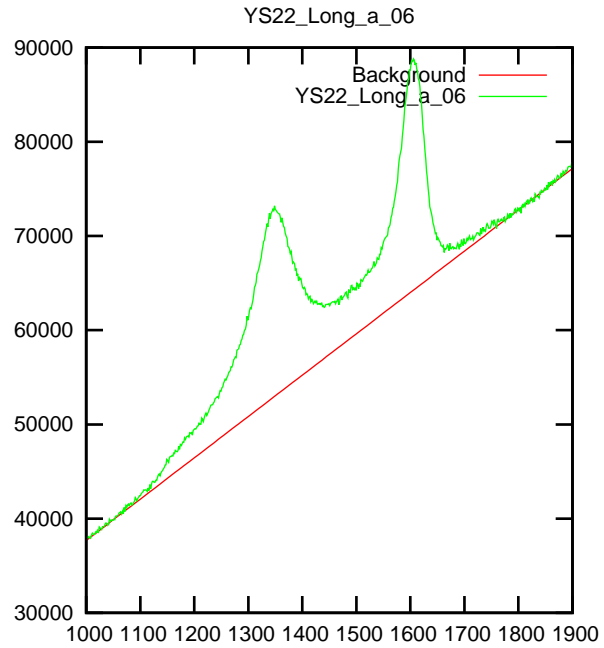
YS22_Long_a_02 = Noisy



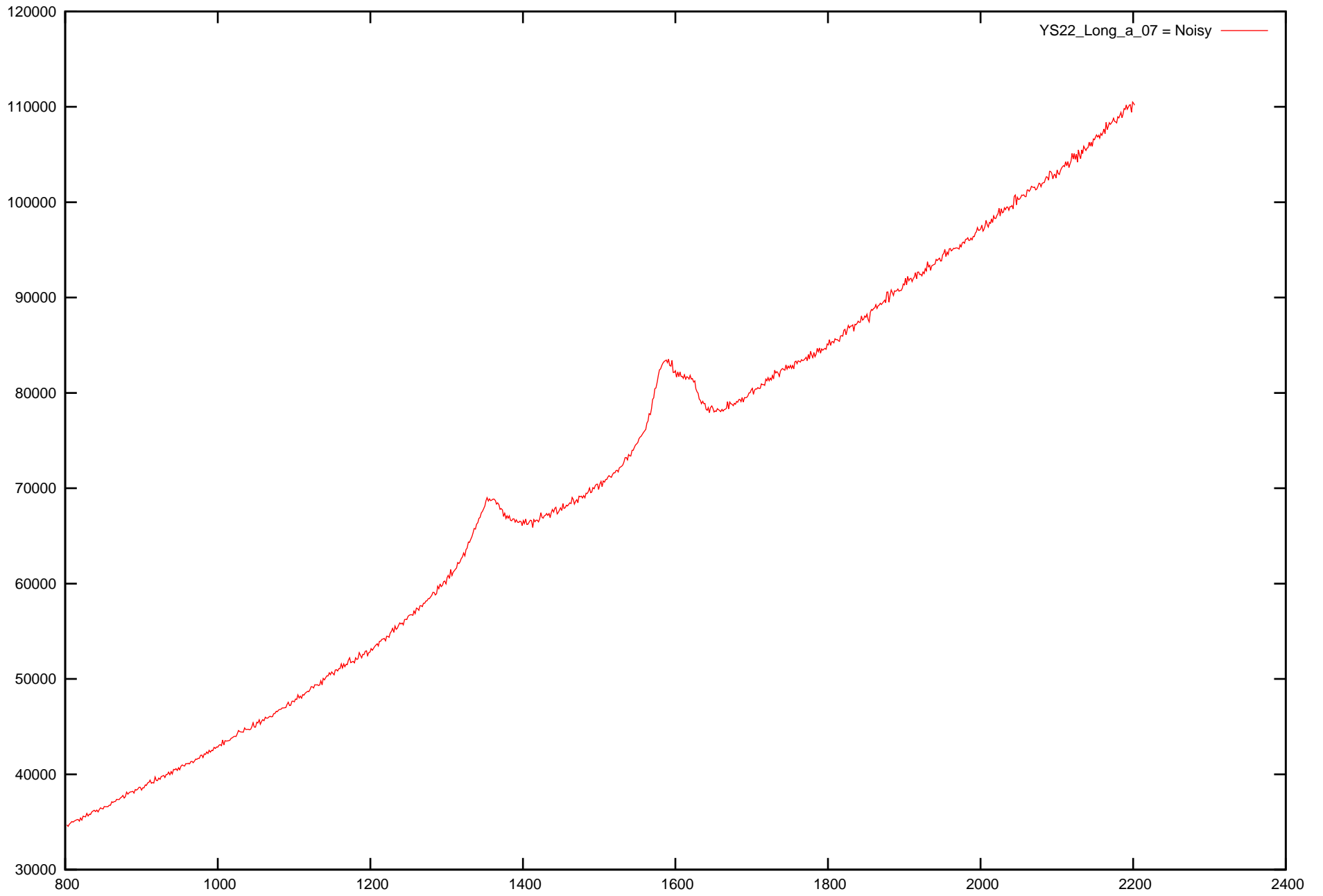


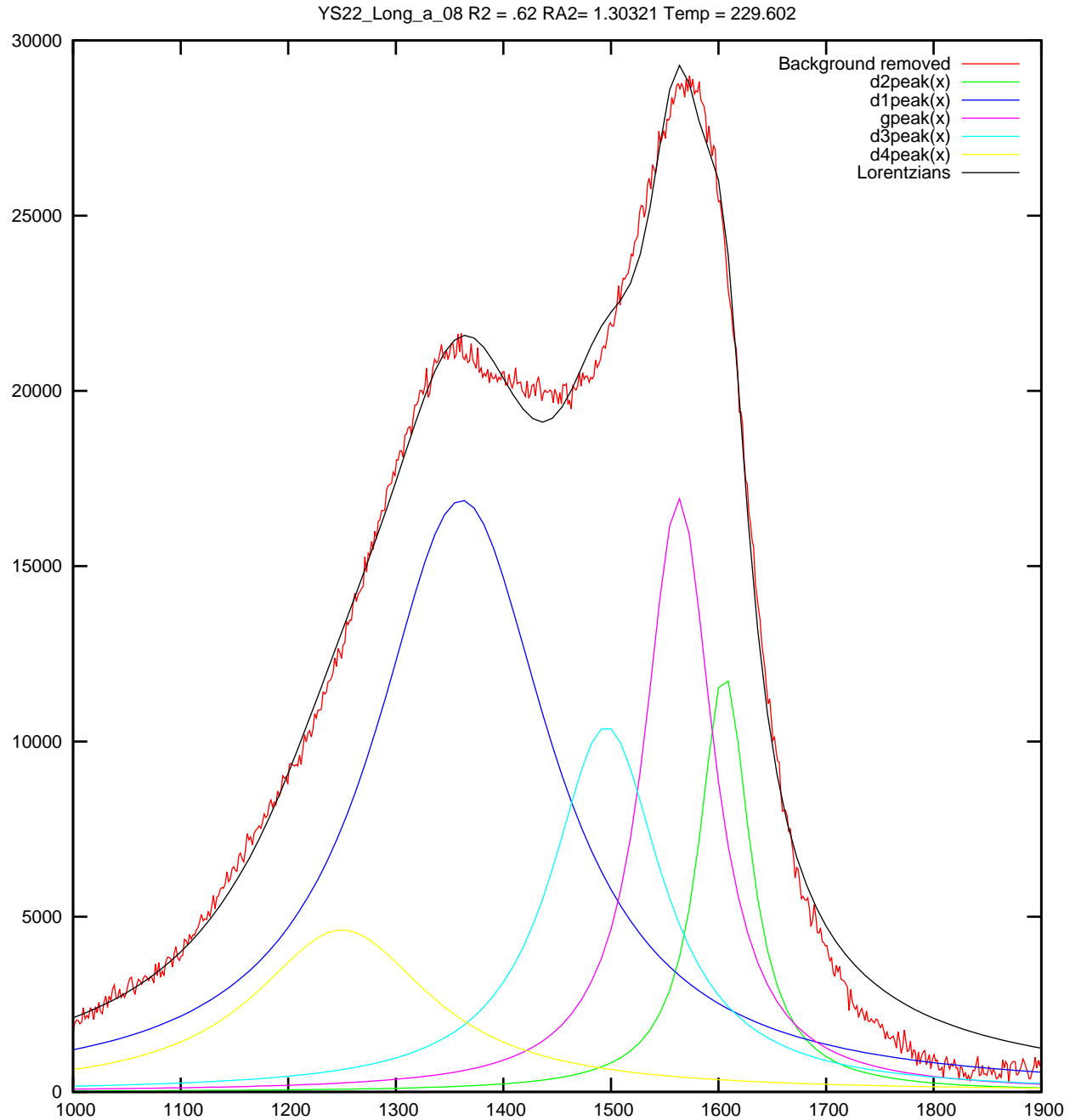
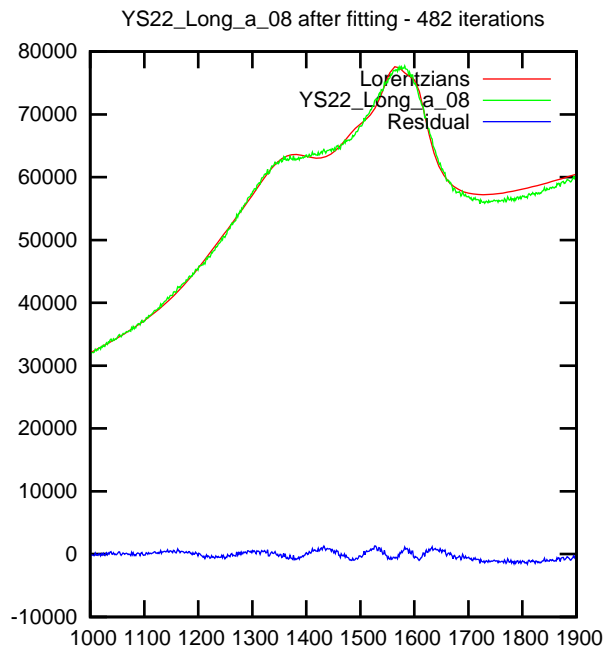
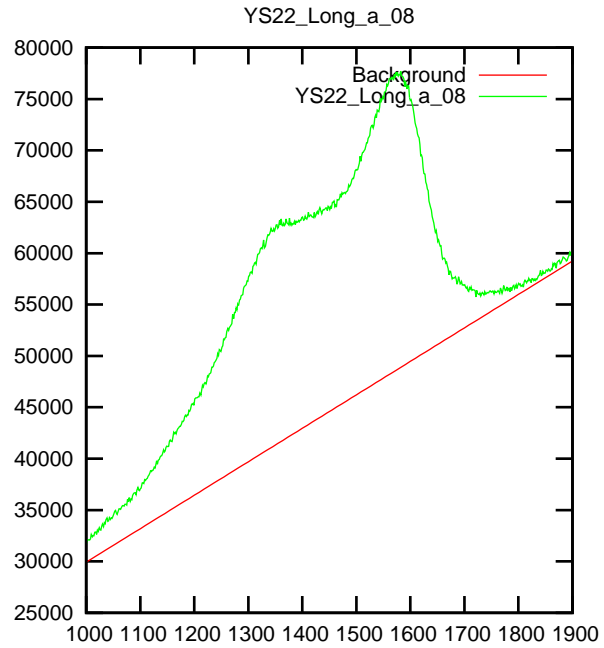


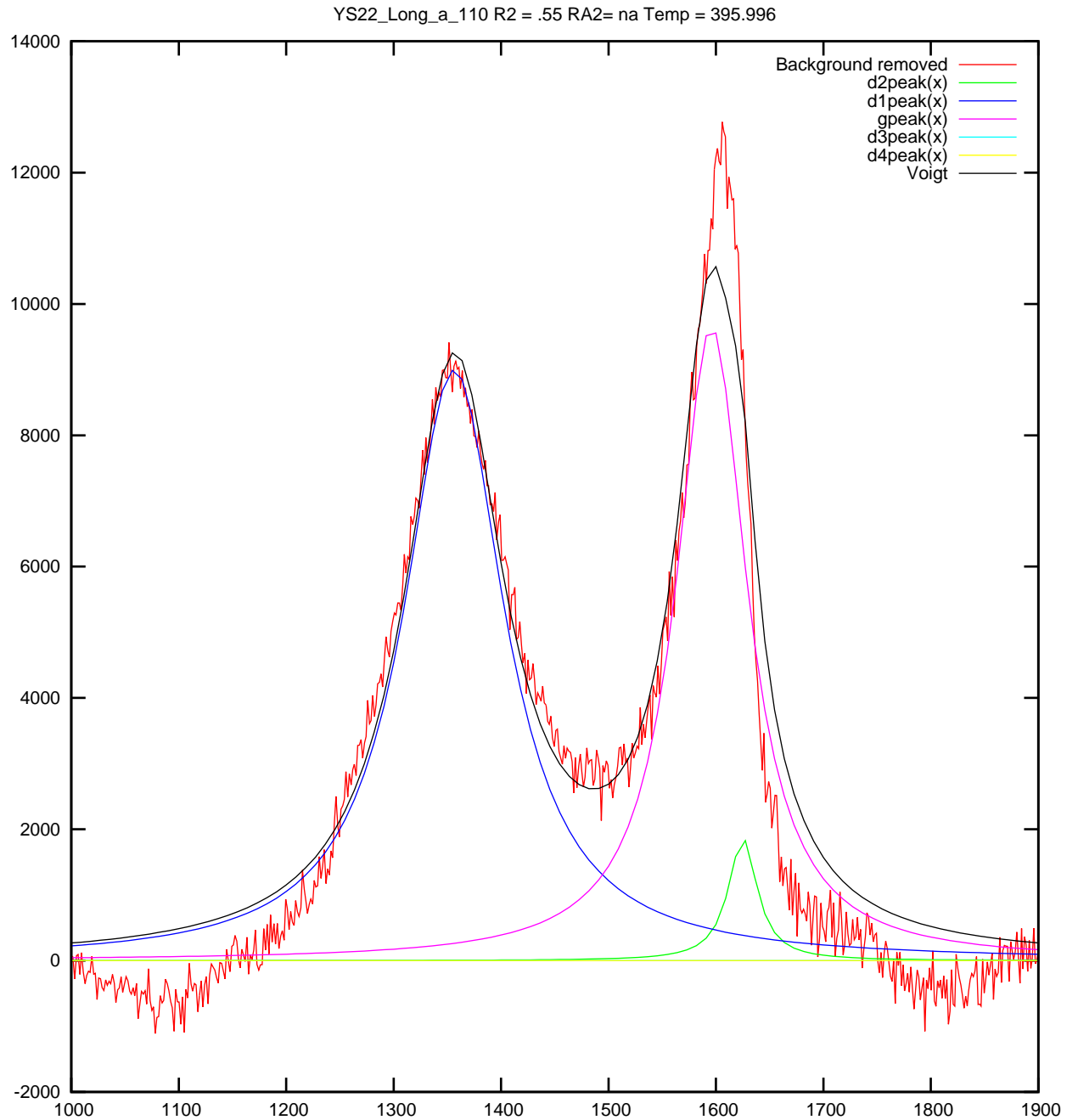
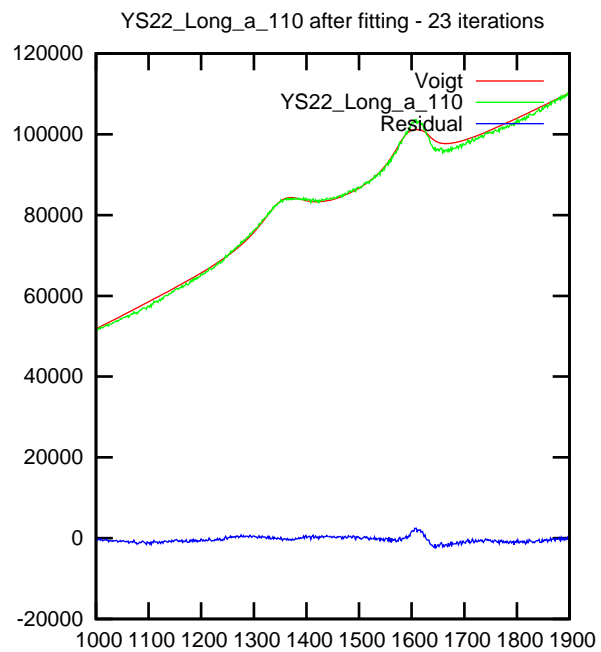
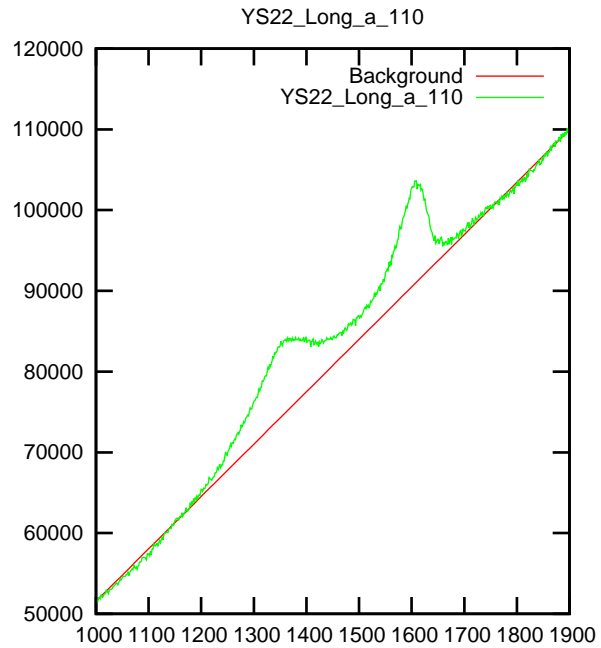


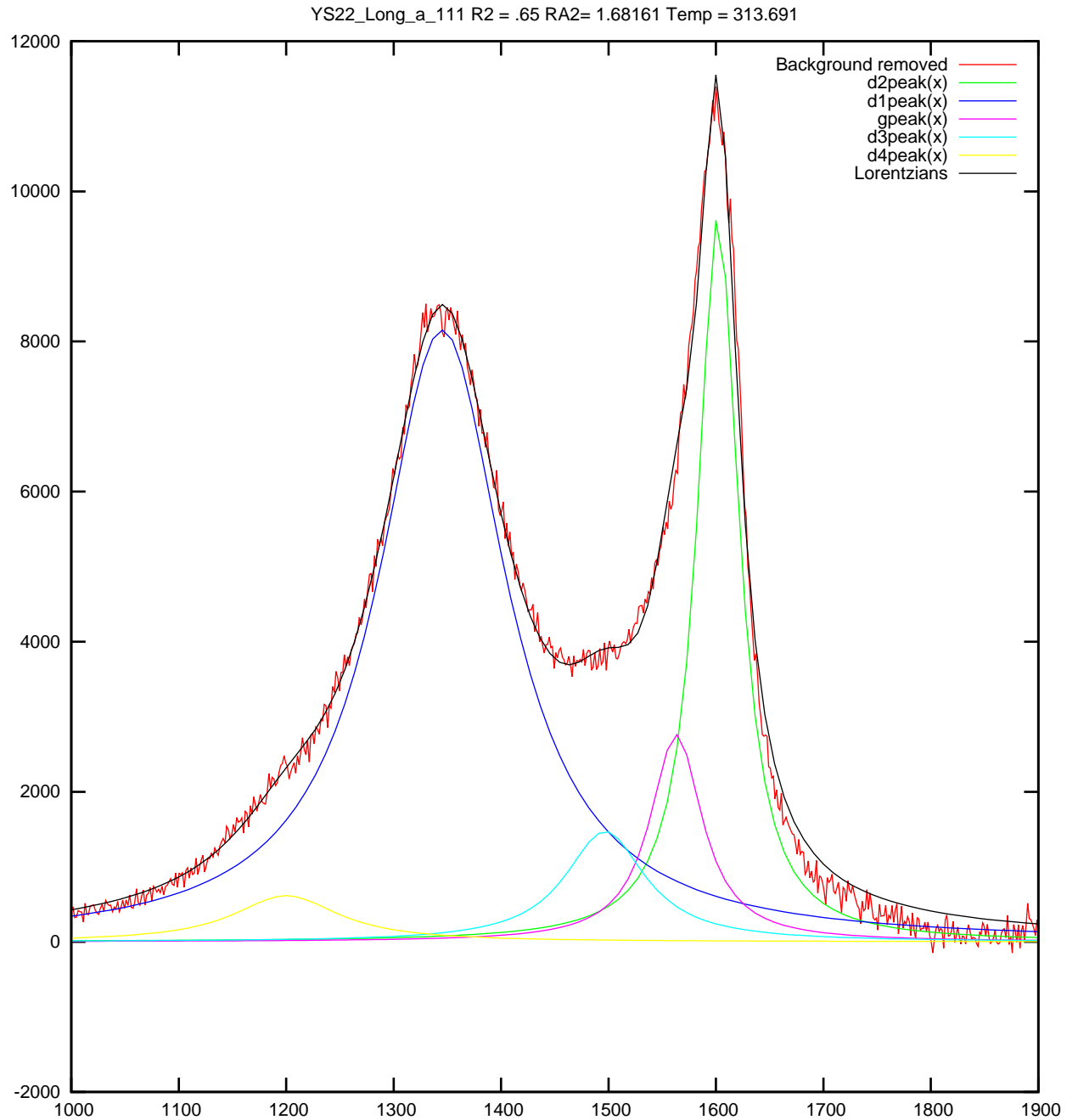
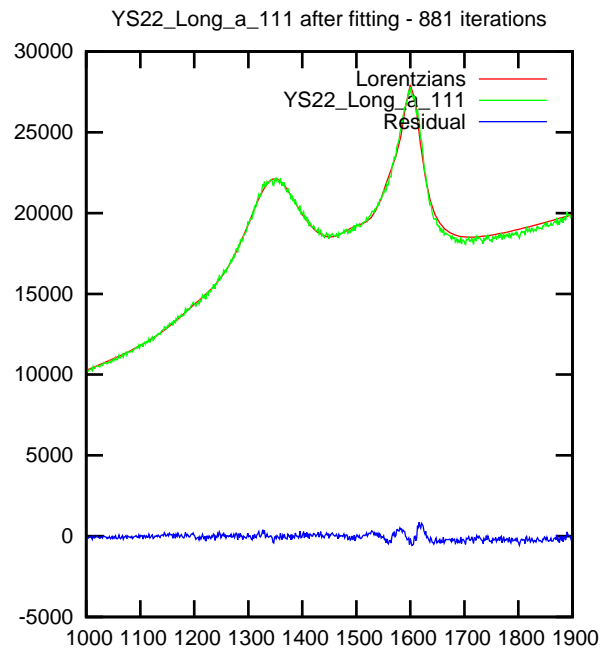
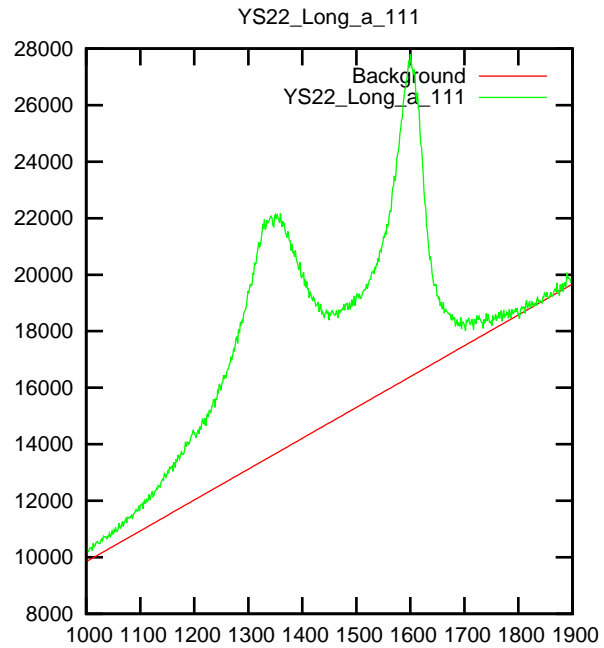


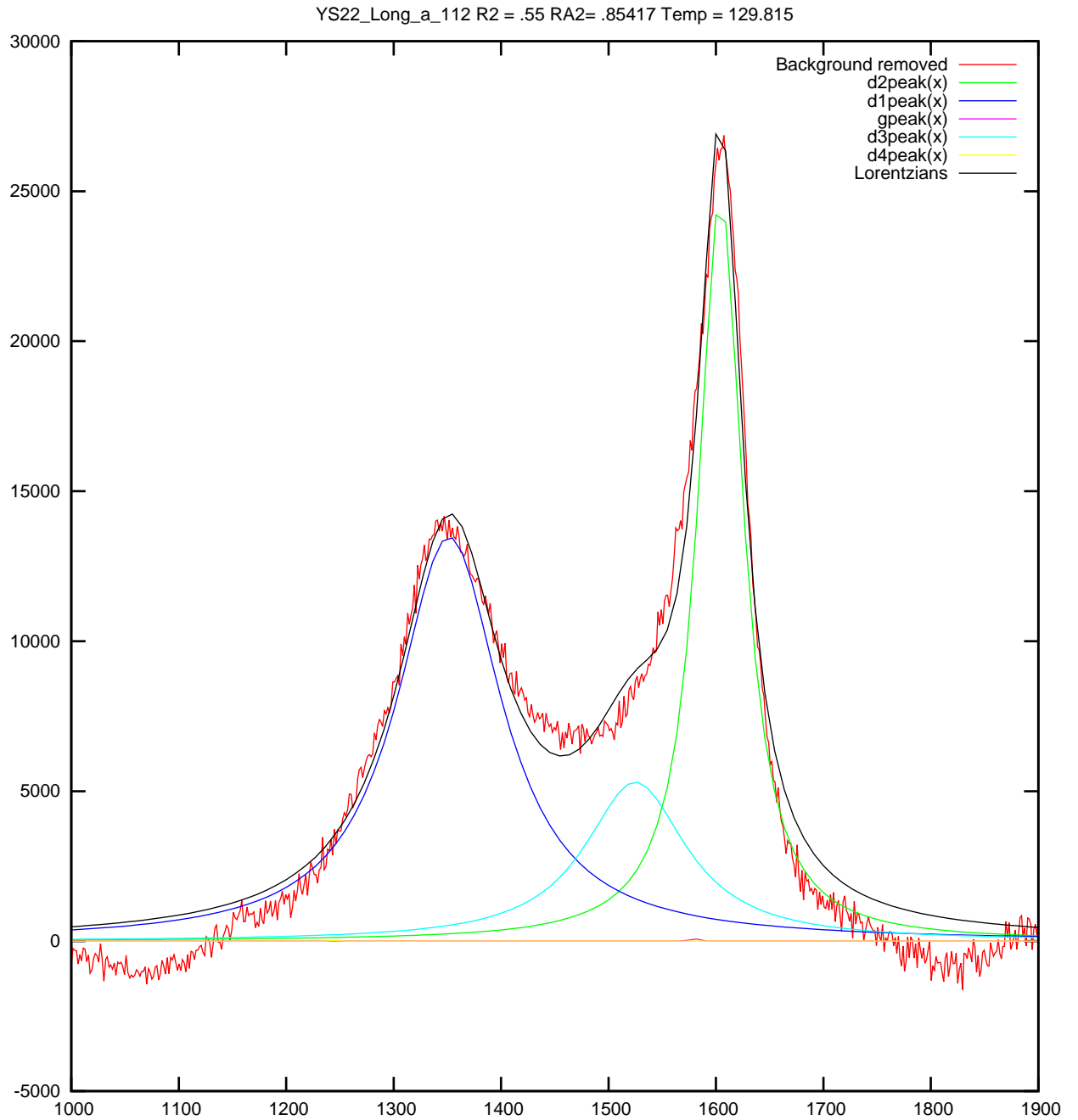
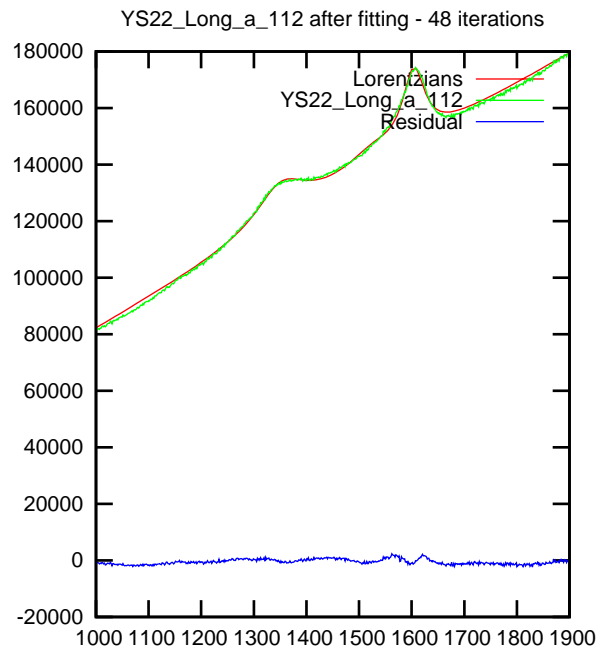
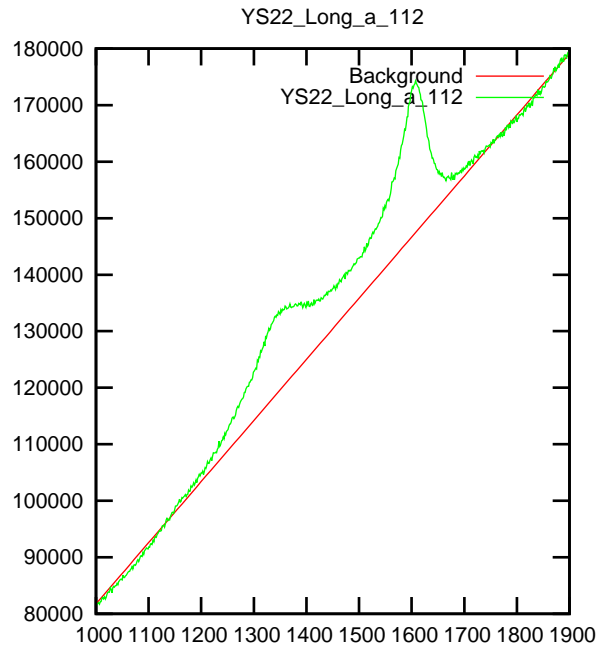
YS22_Long_a_07 = Noisy

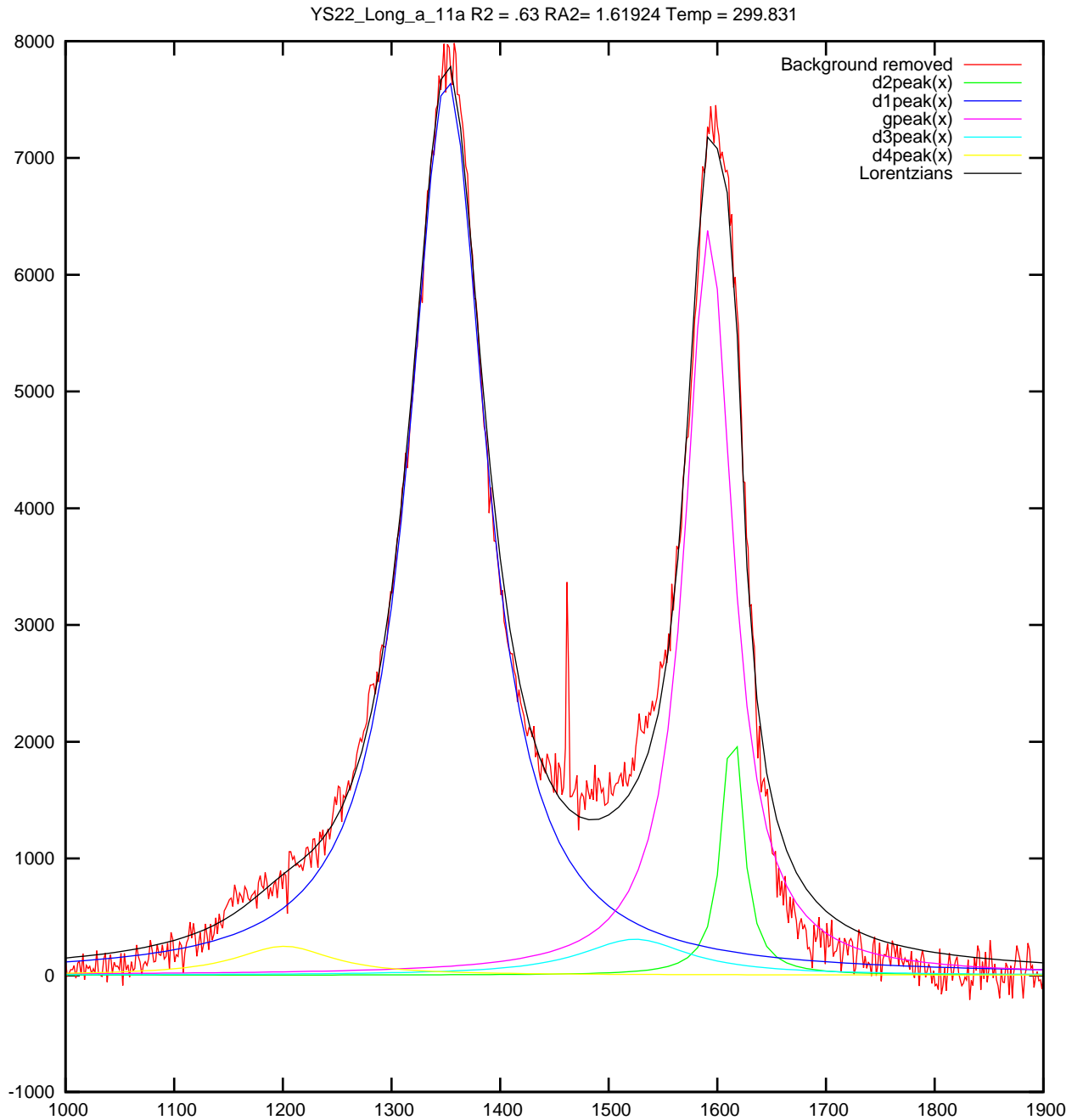
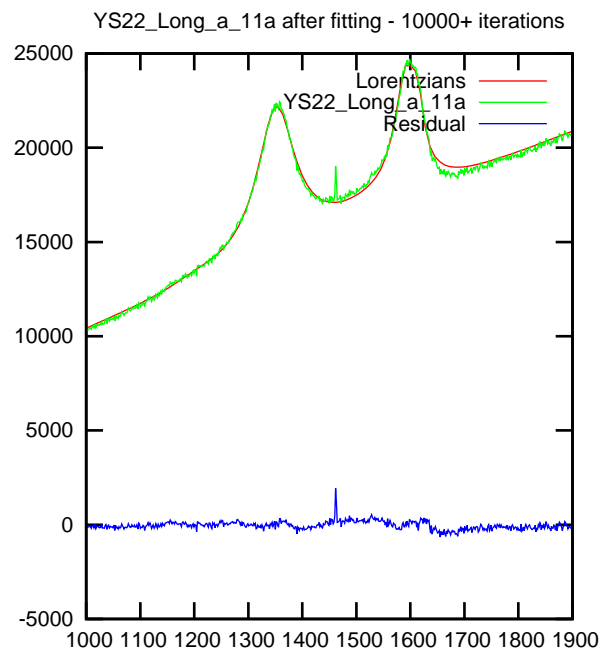
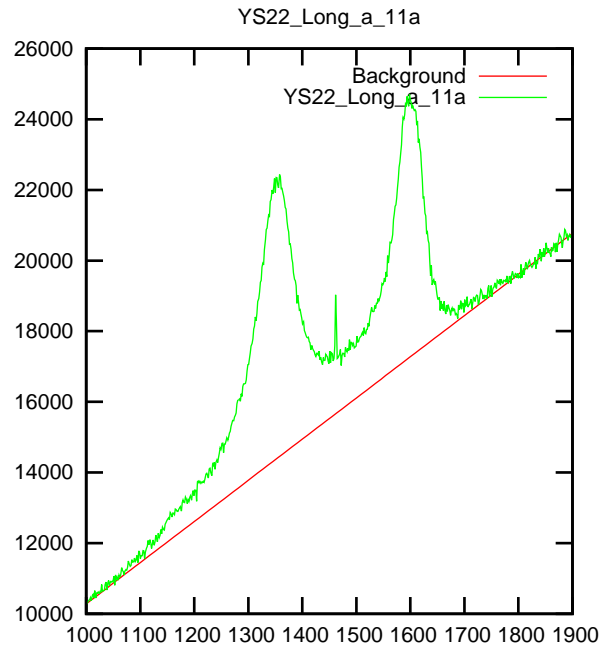


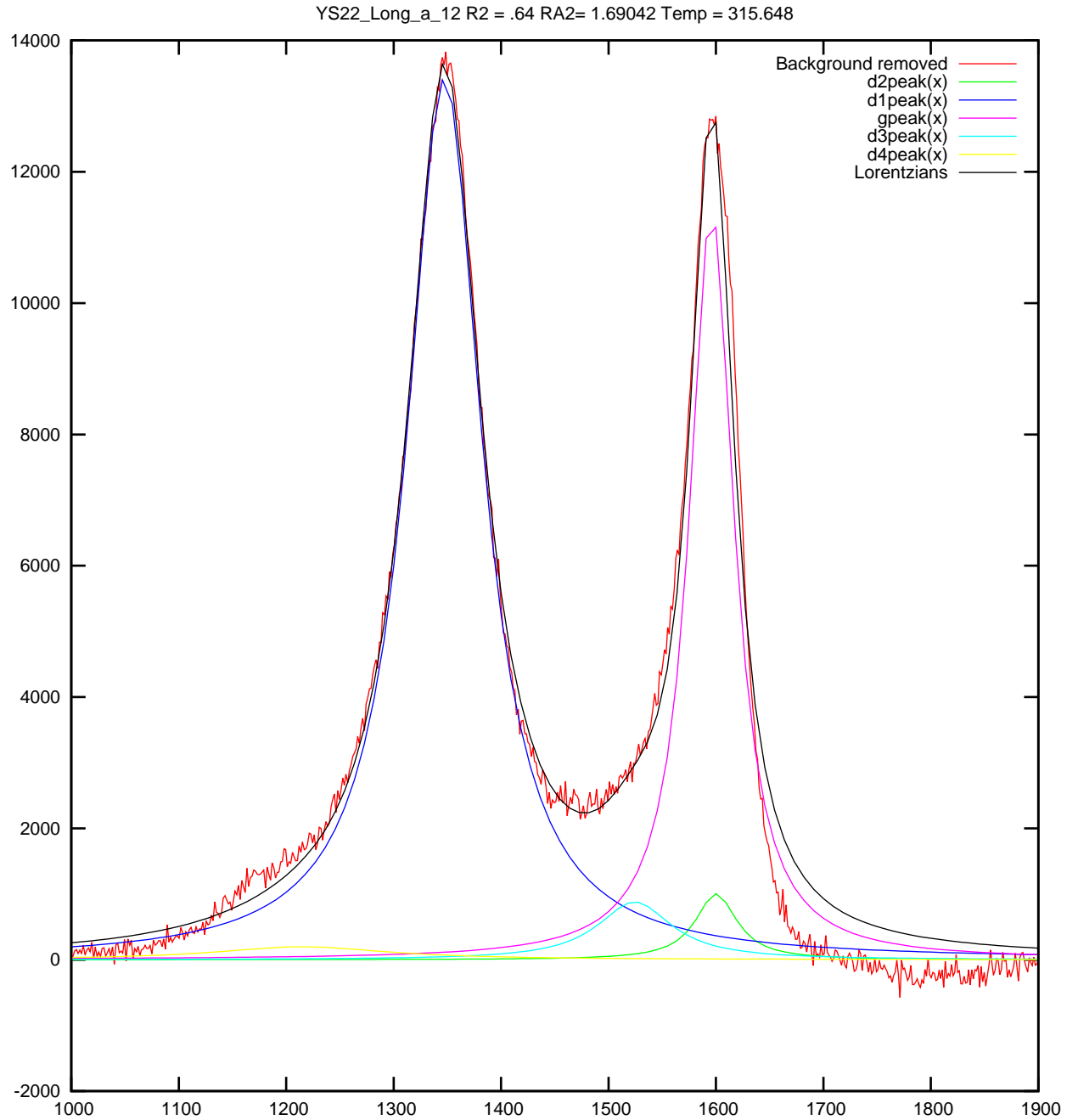
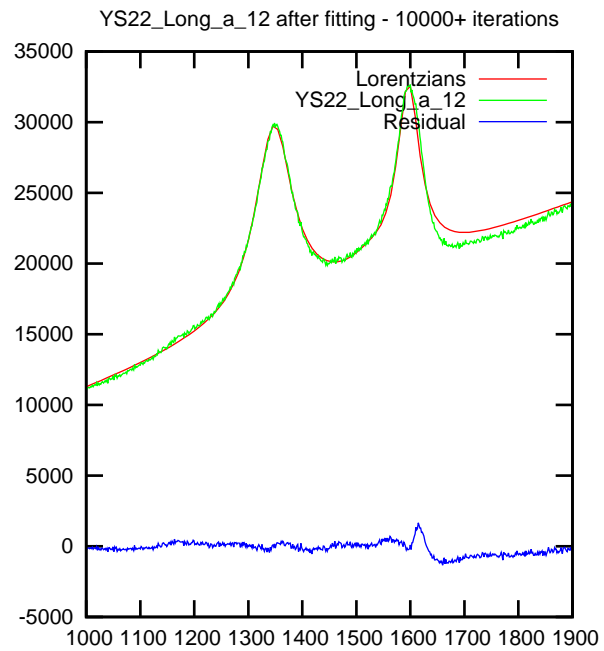
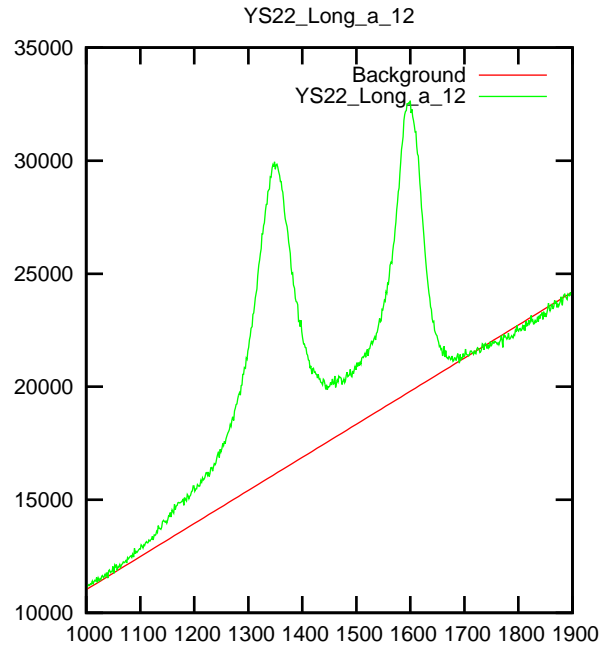


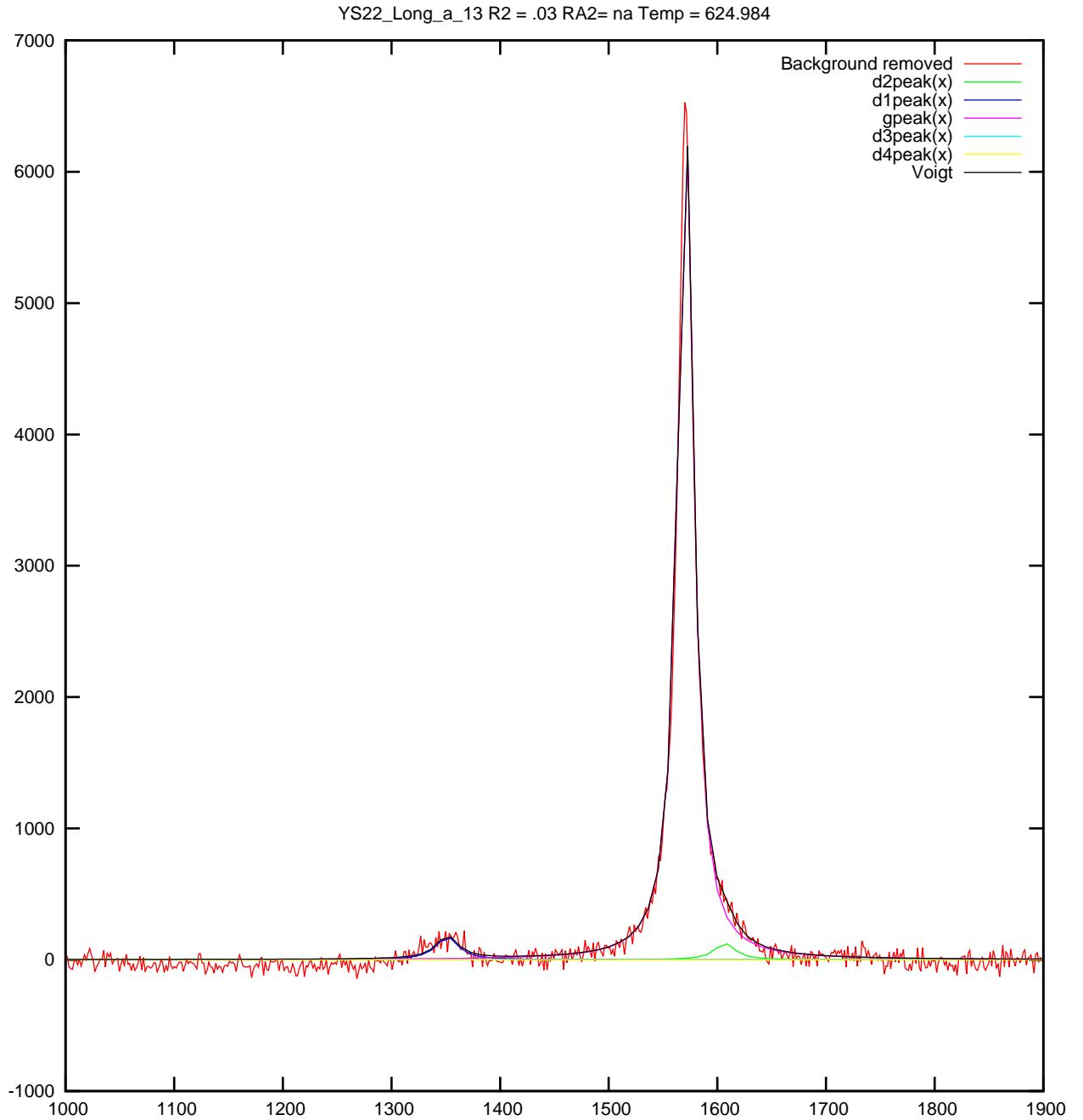
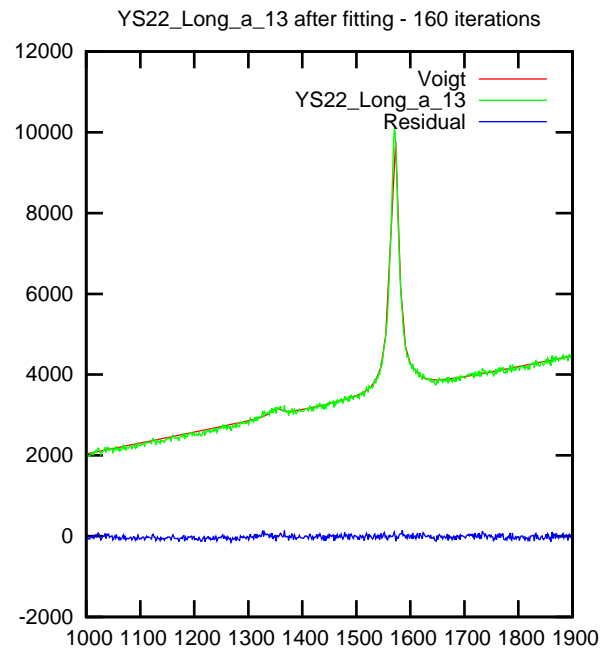
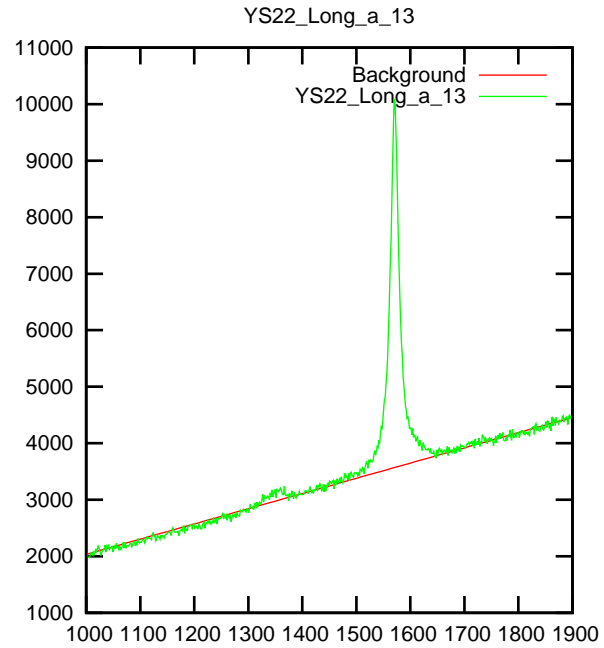


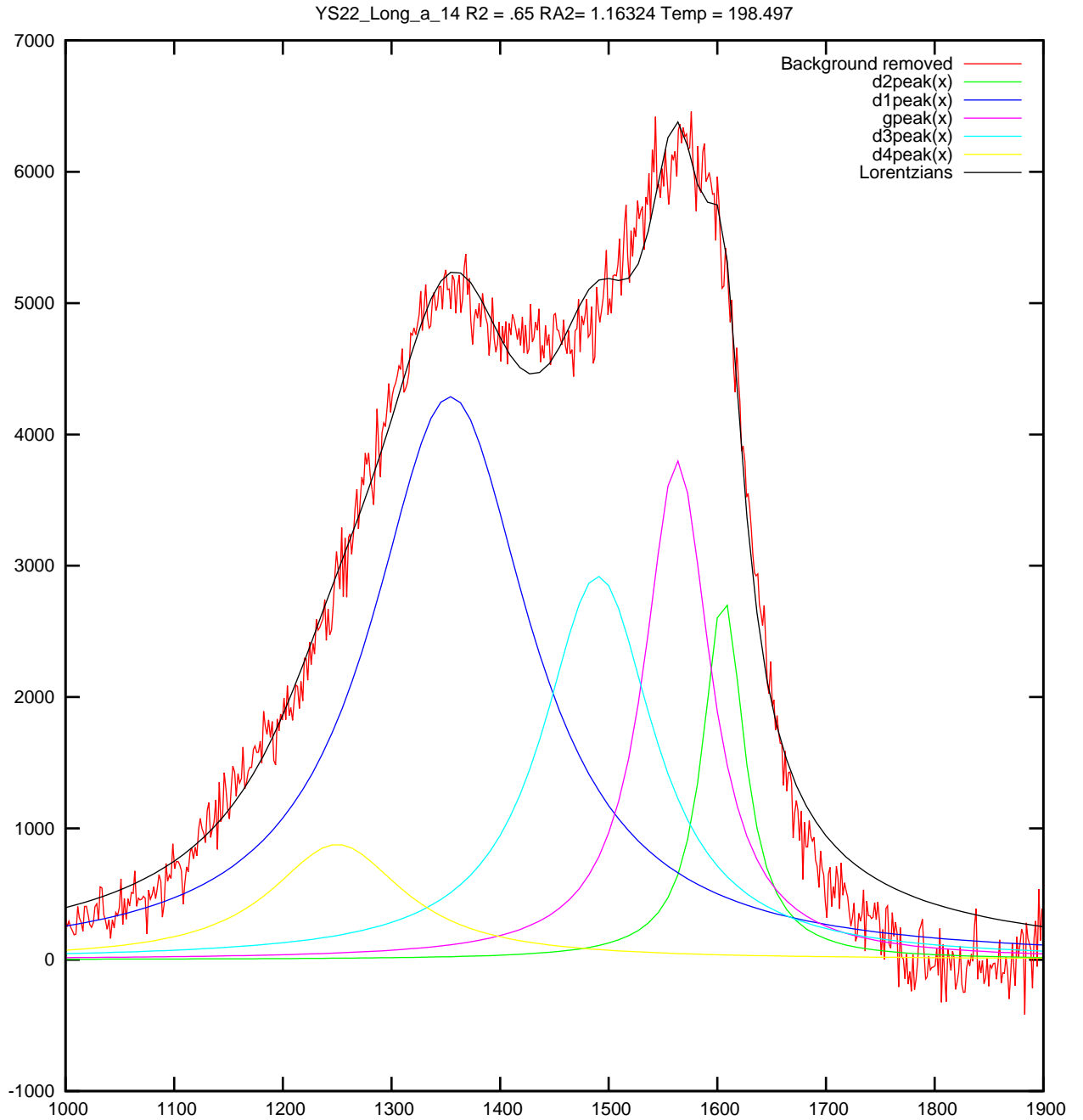
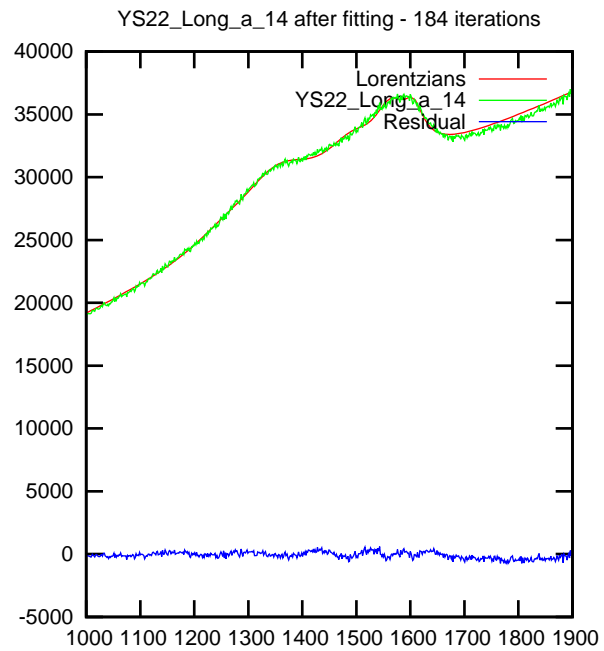
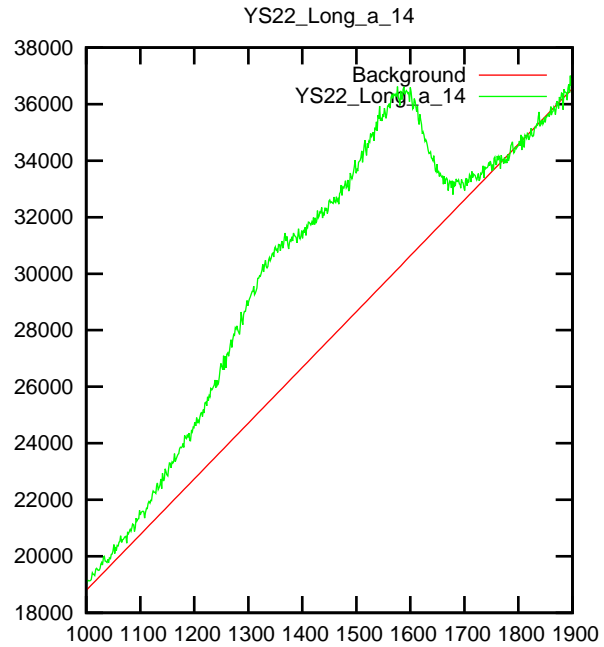


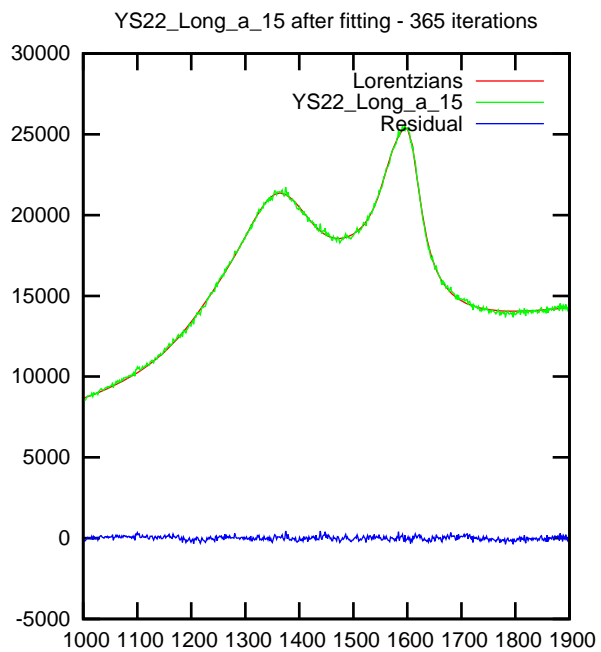
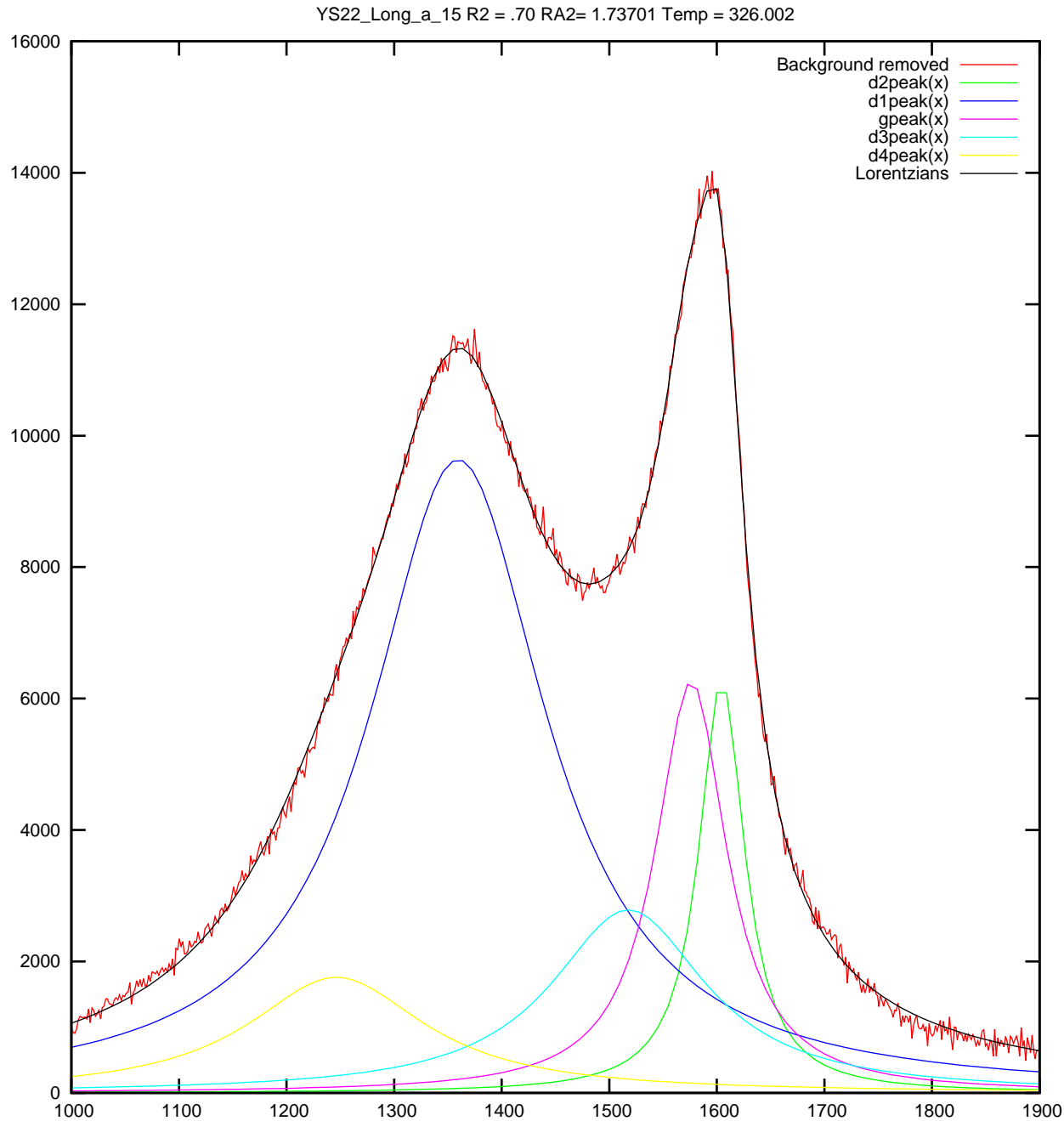
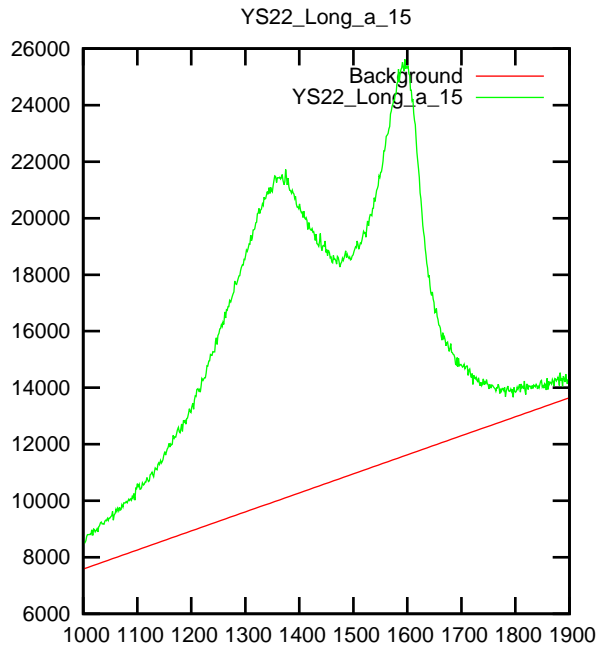




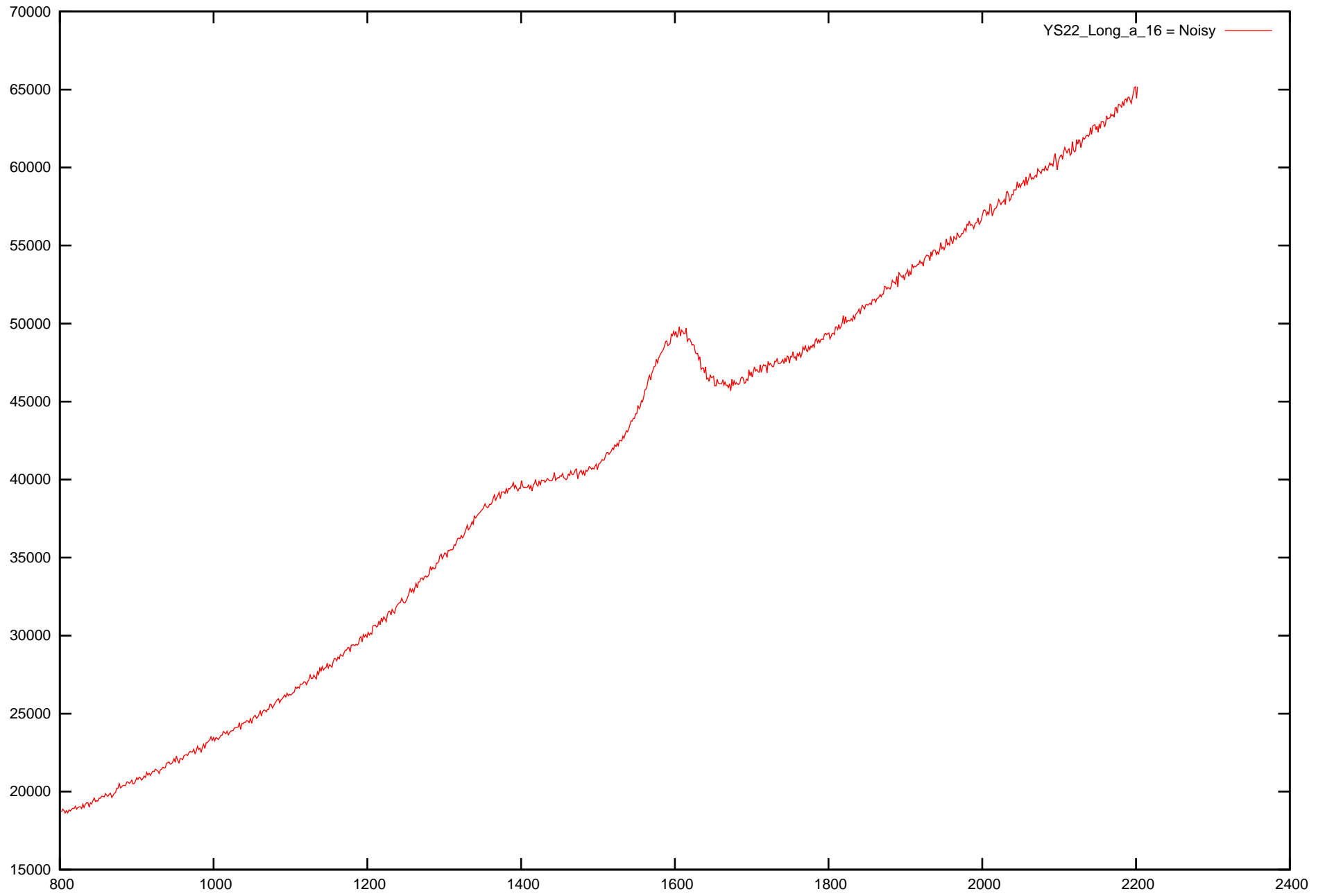




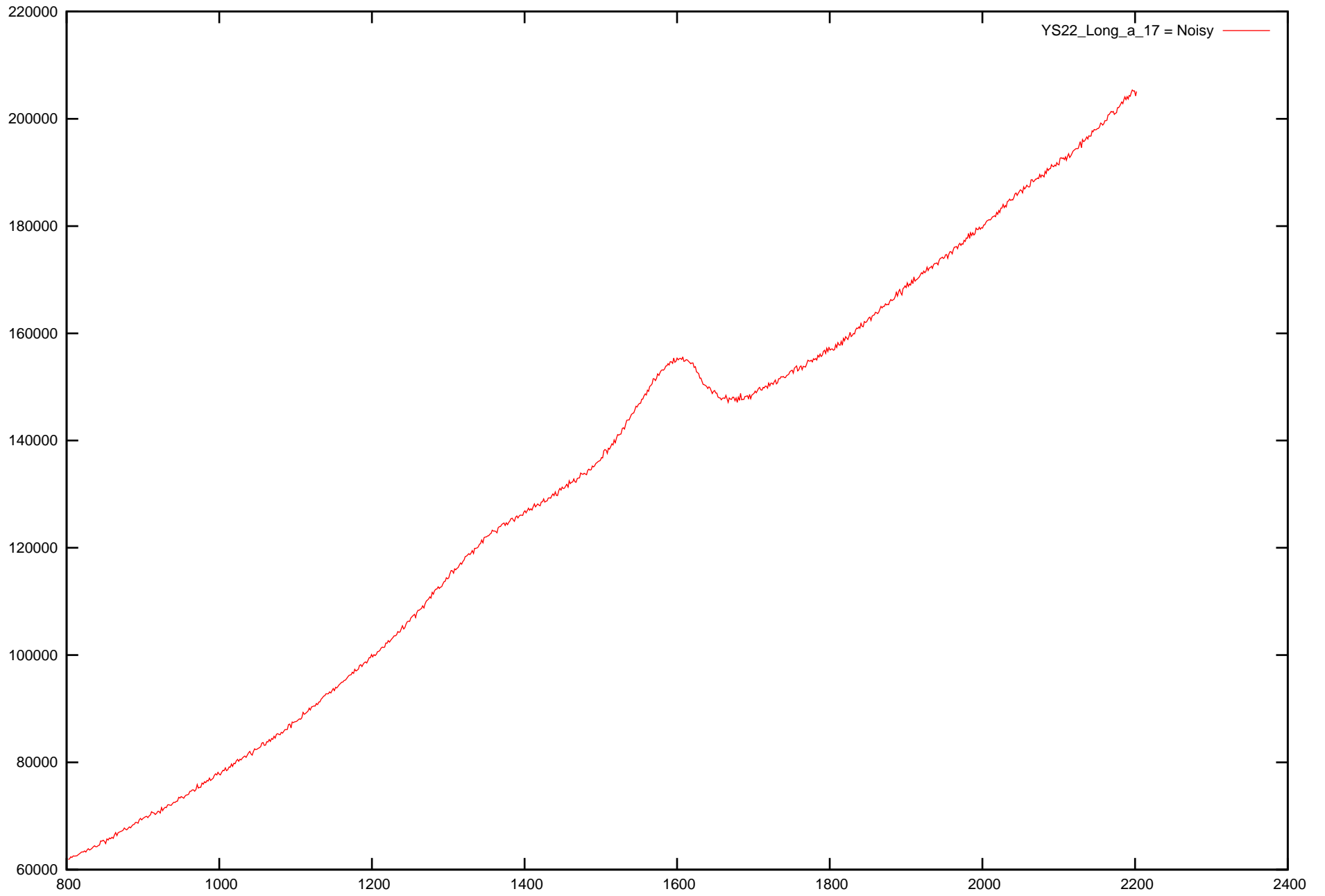




YS22_Long_a_16 = Noisy

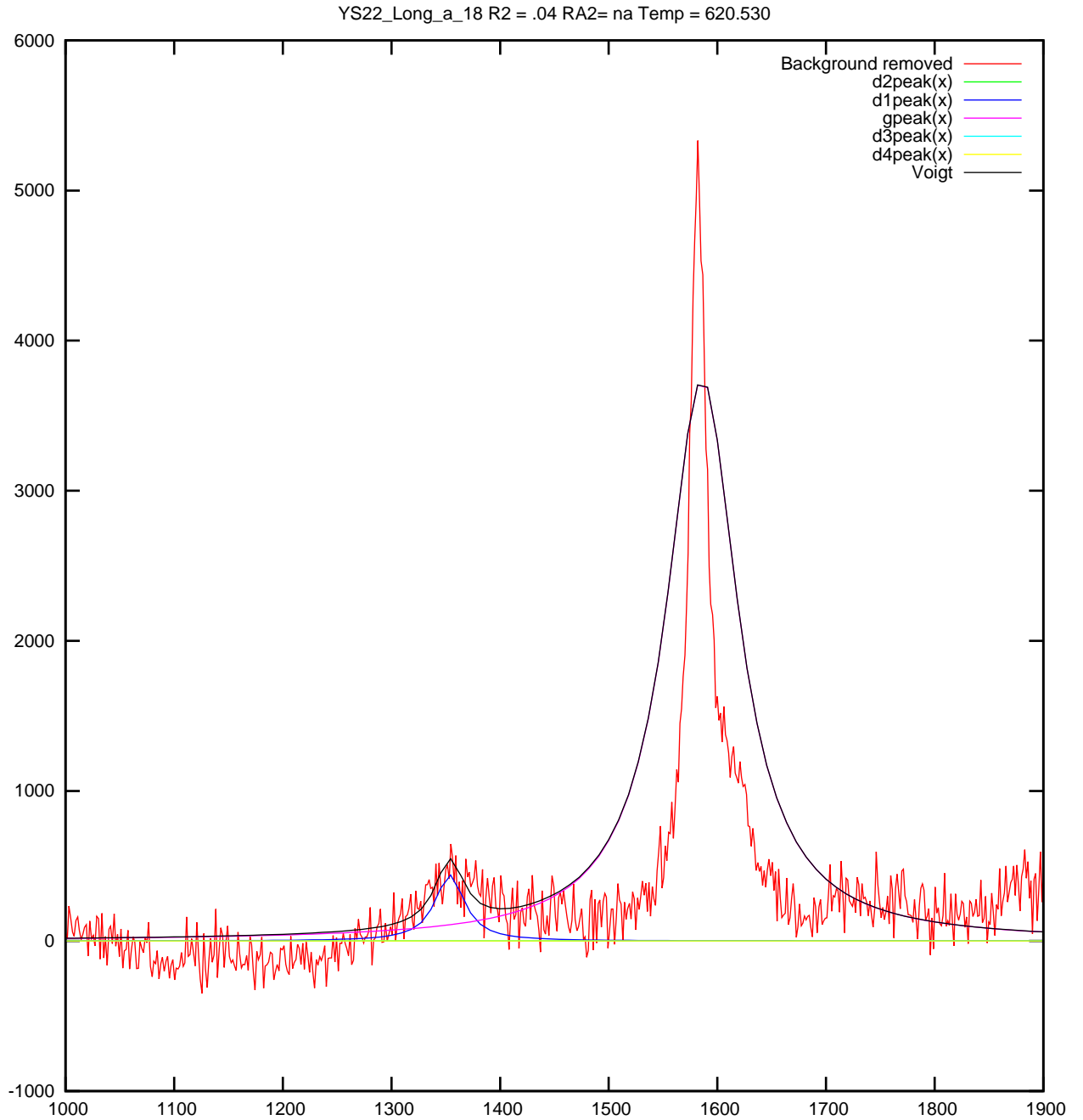
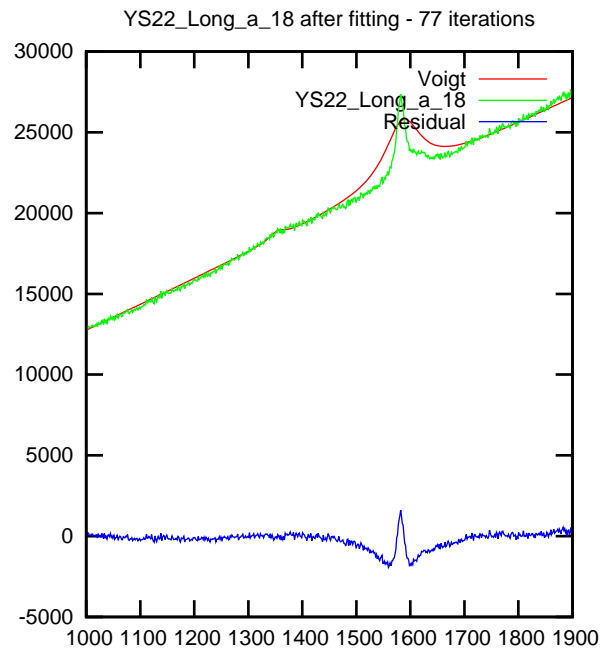
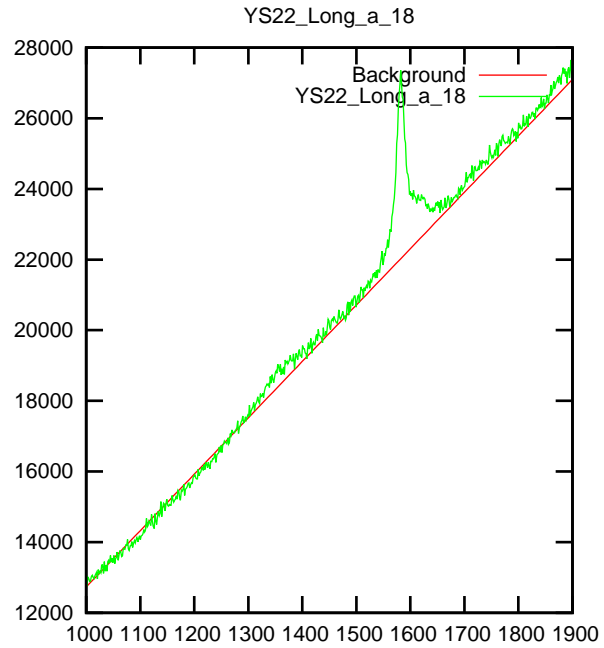


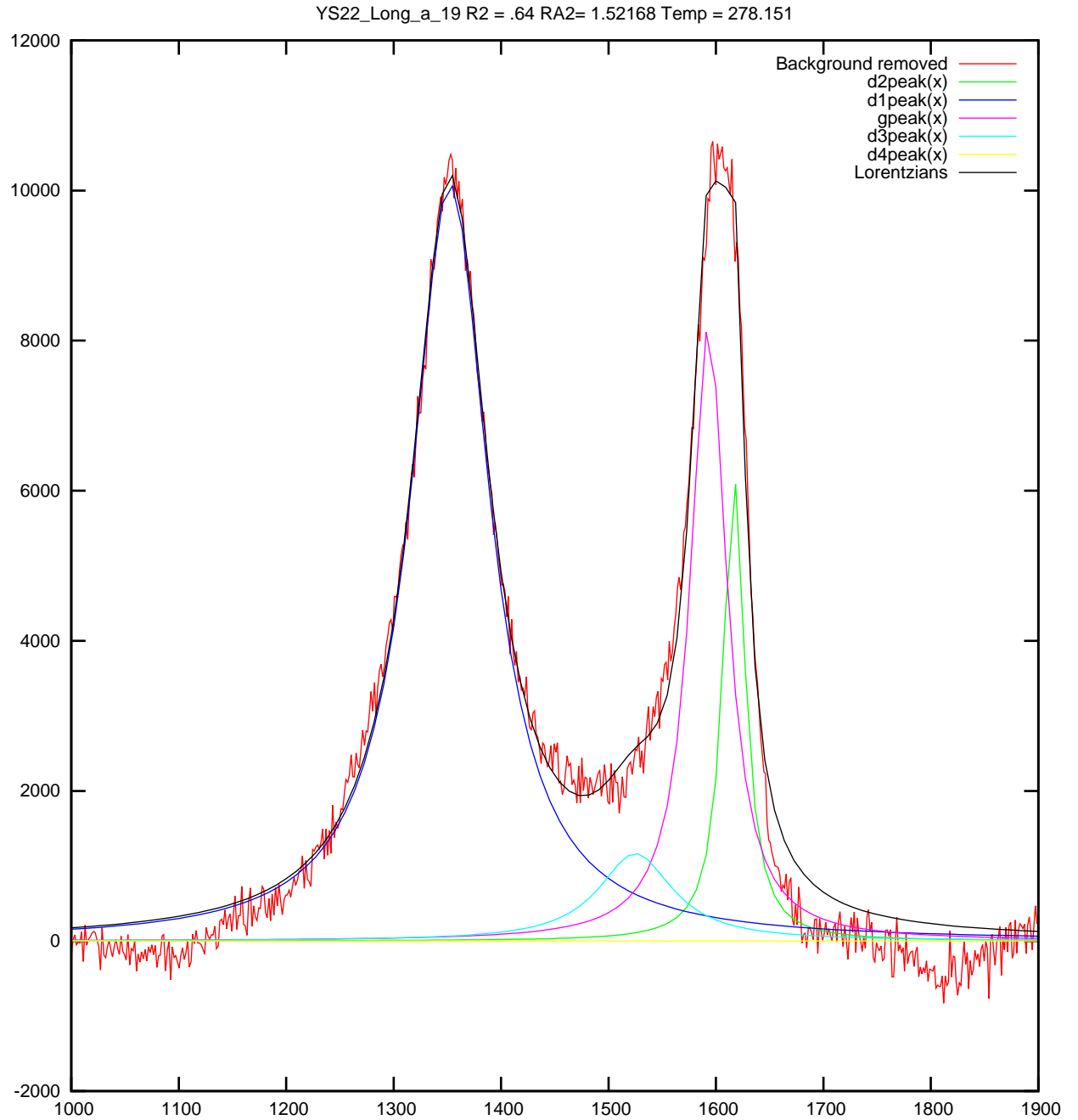
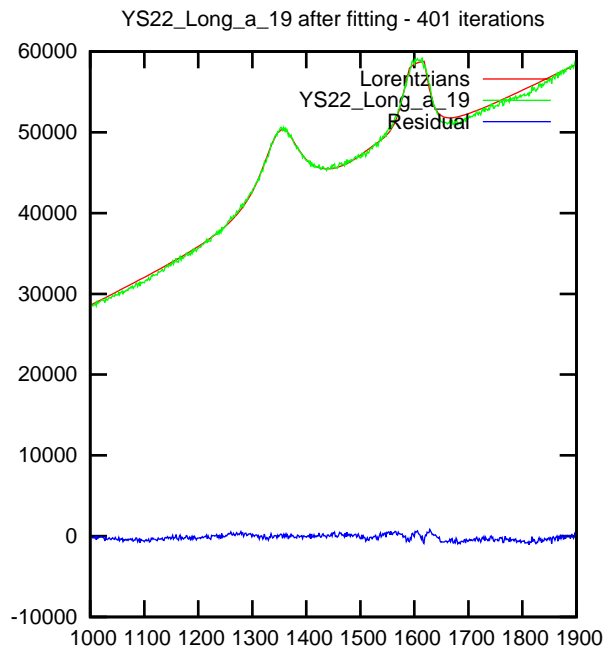
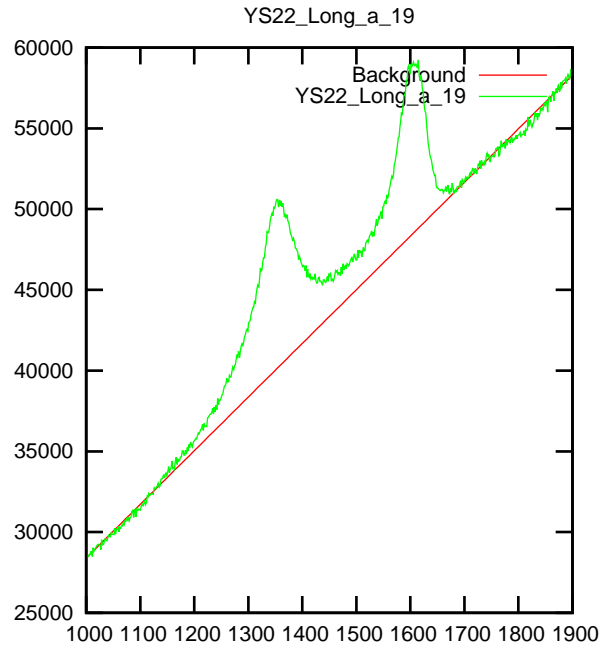
YS22_Long_a_17 = Noisy

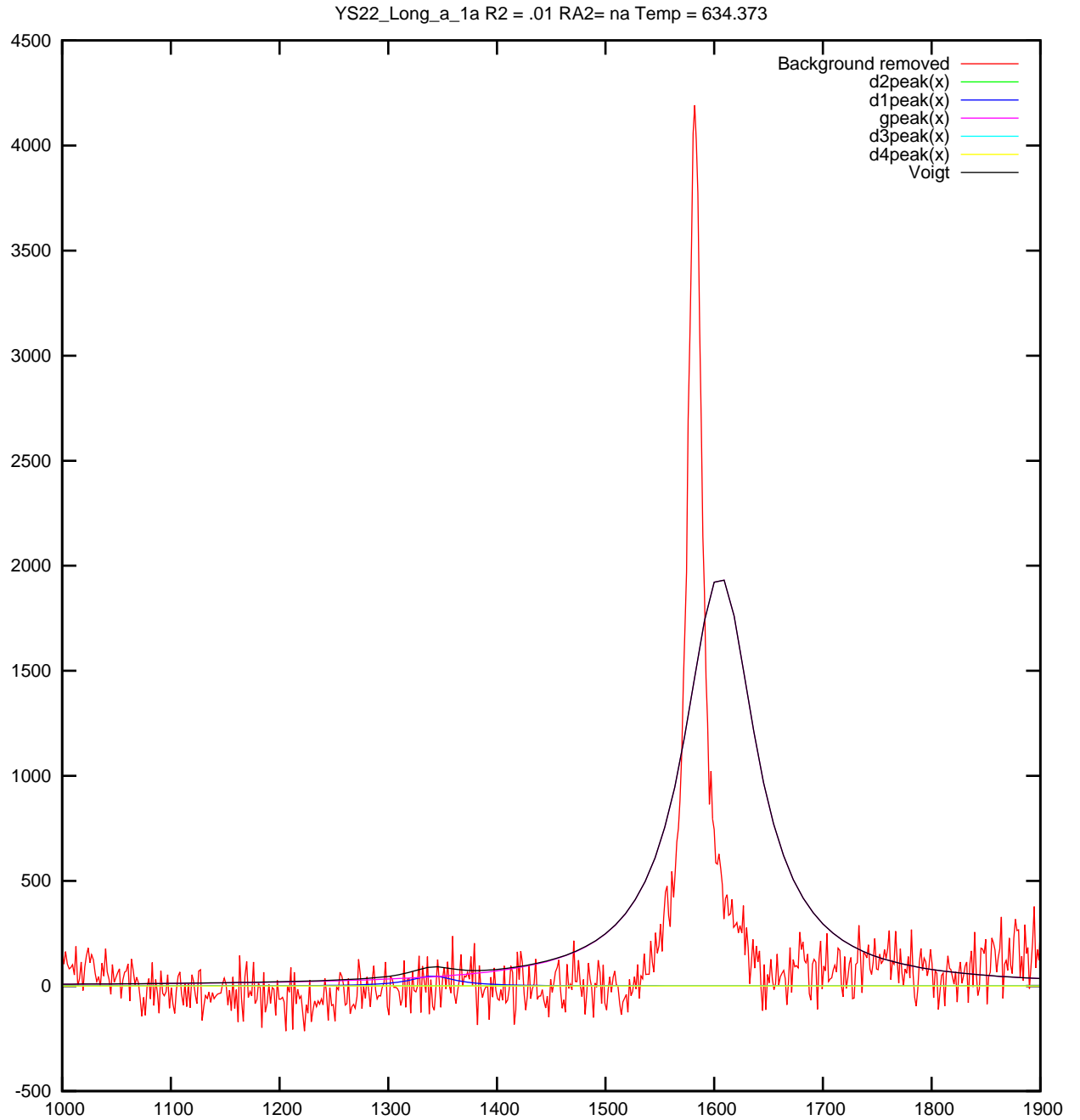
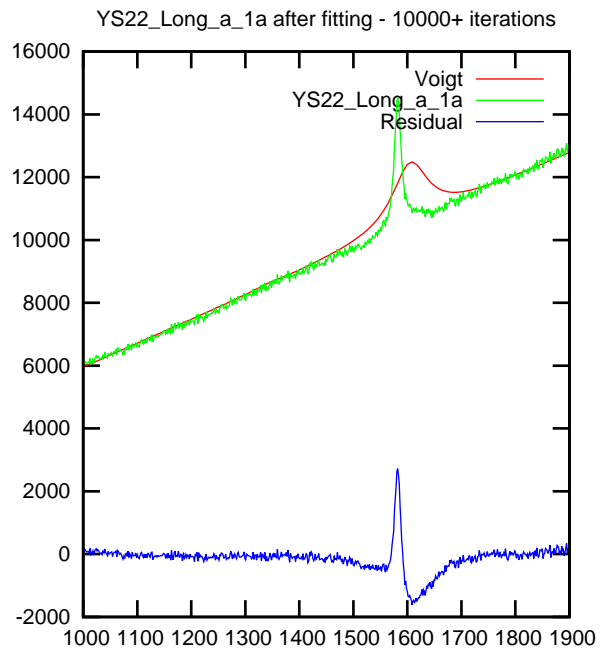
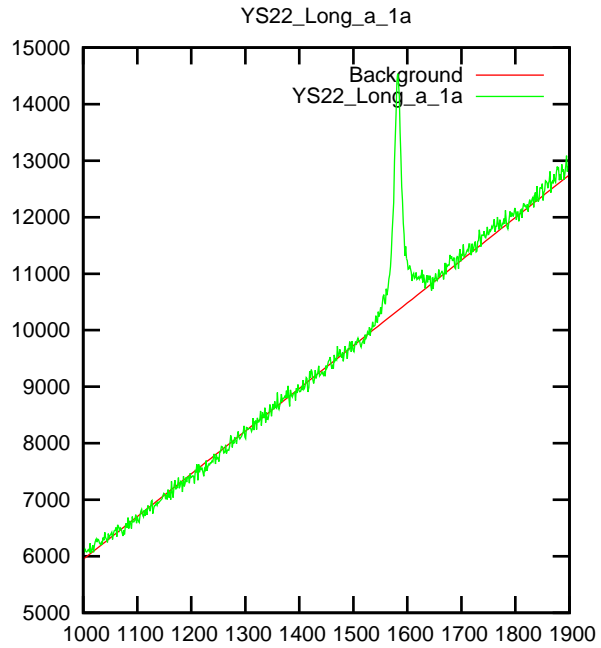


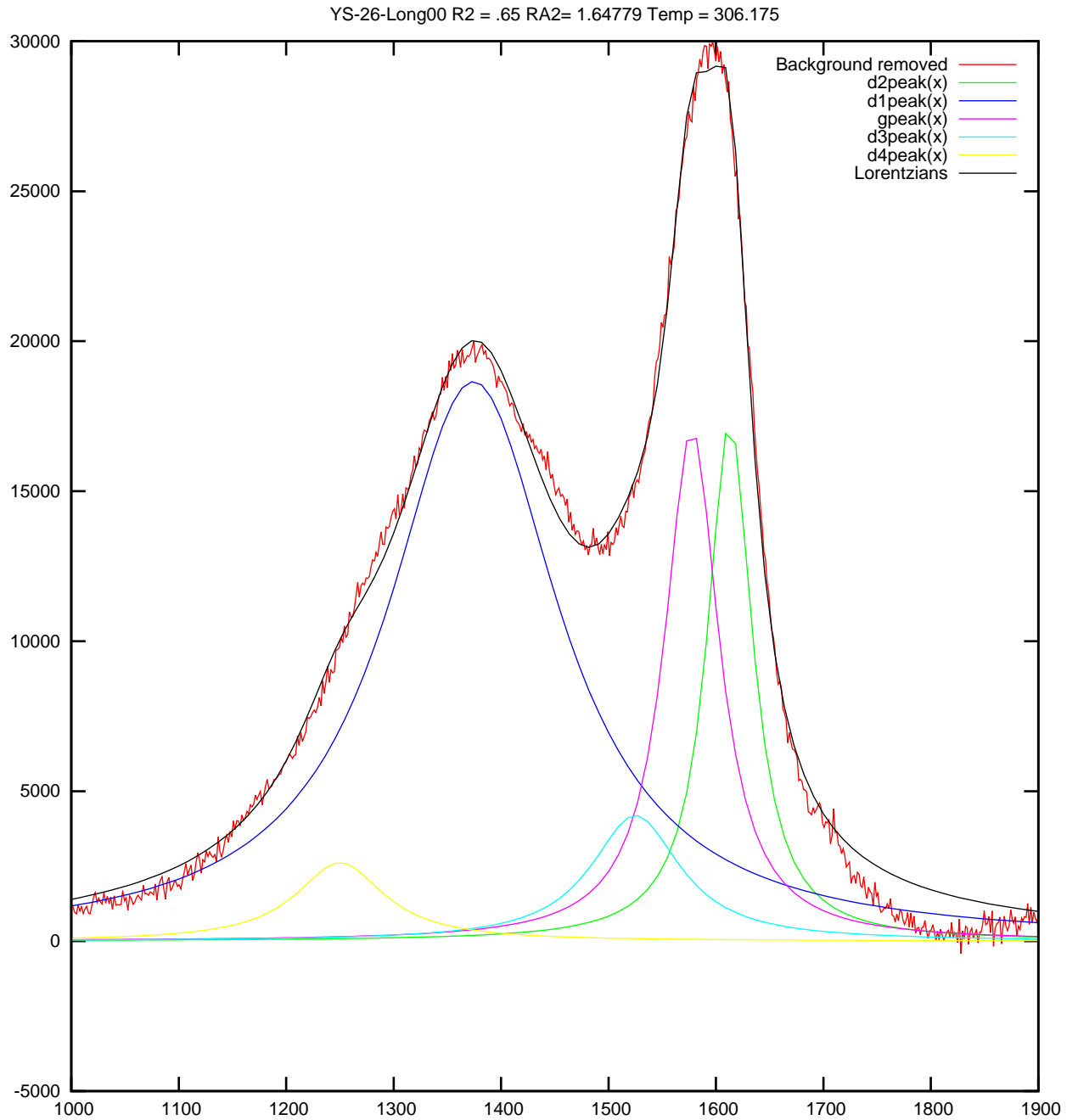
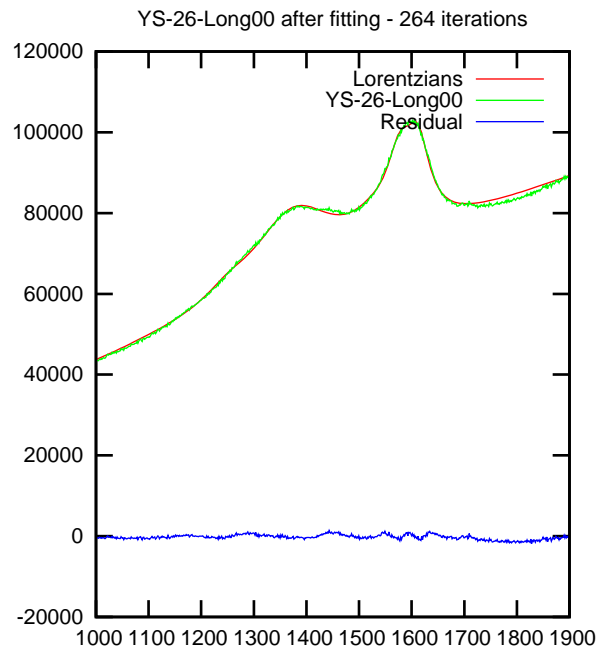
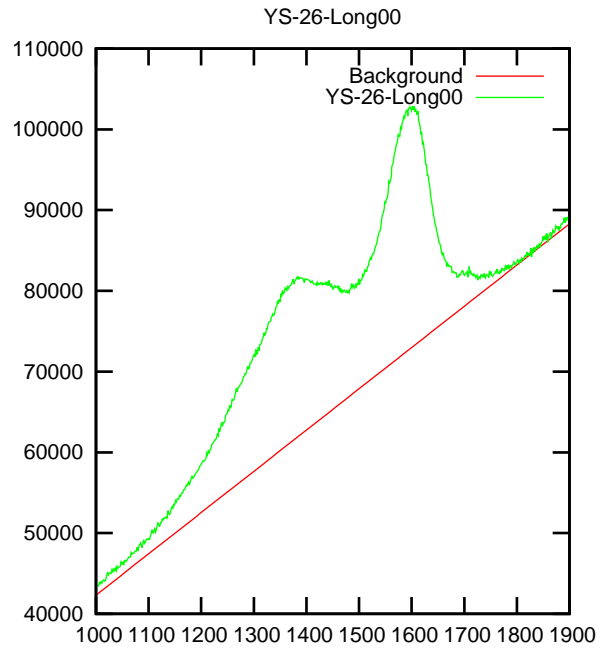
YS22_Long_a_17 = Noisy

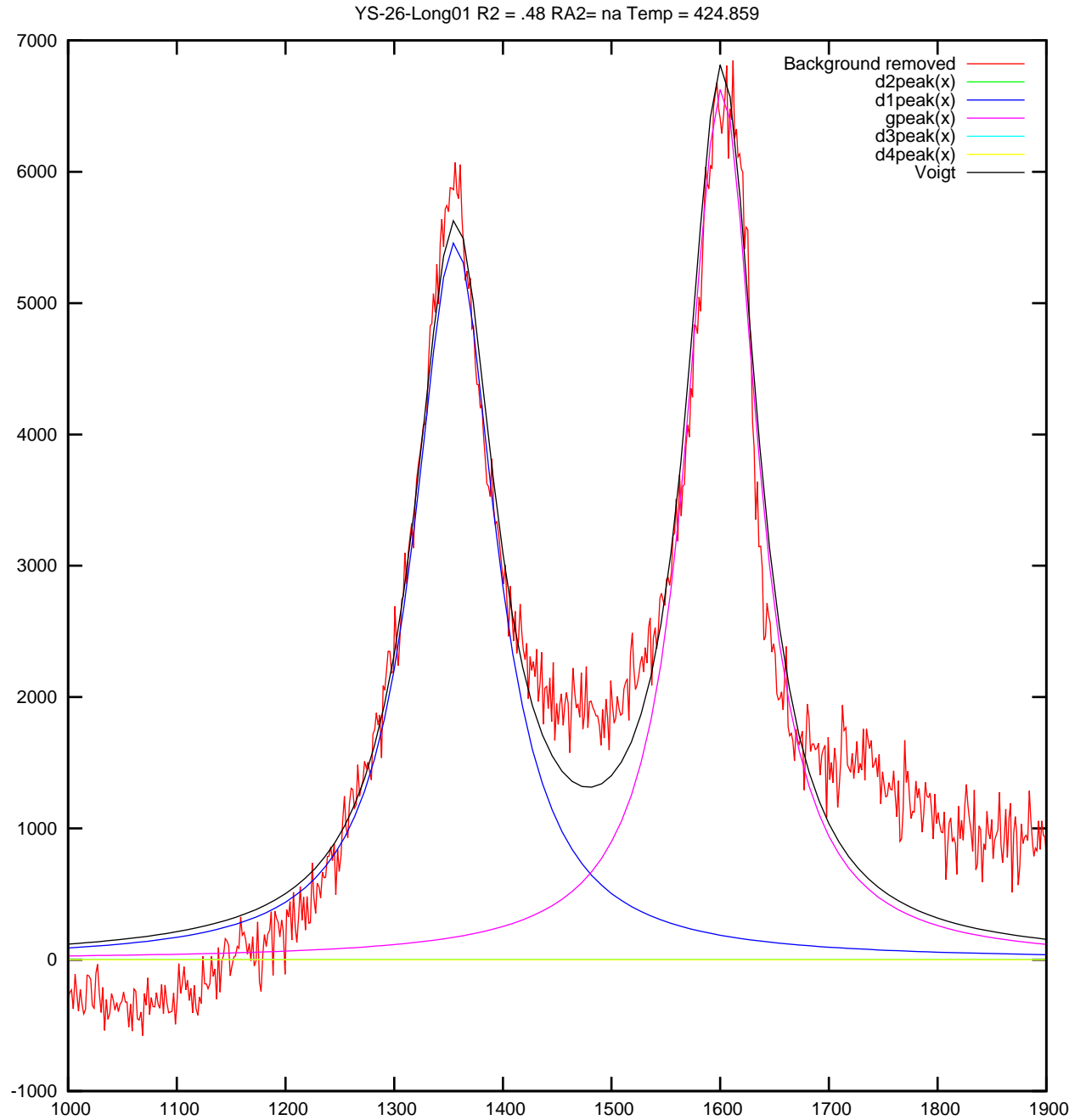
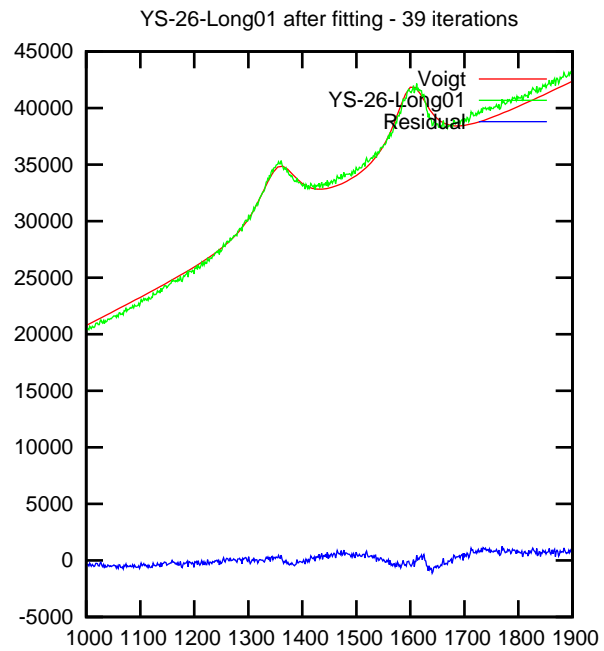
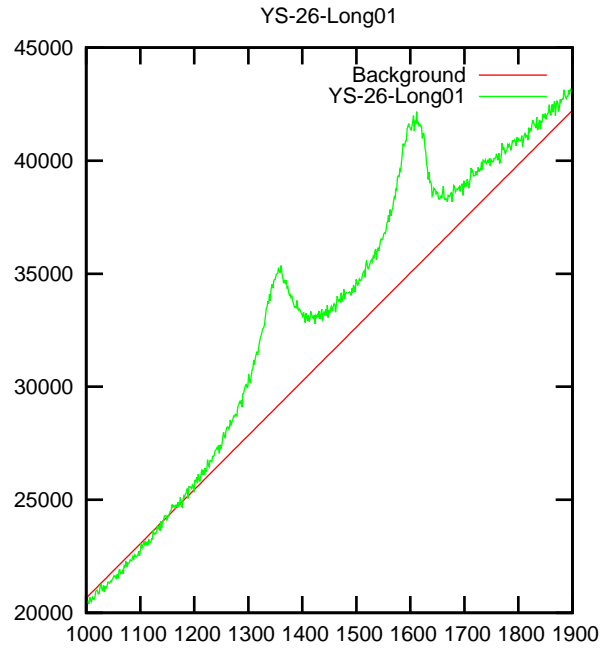


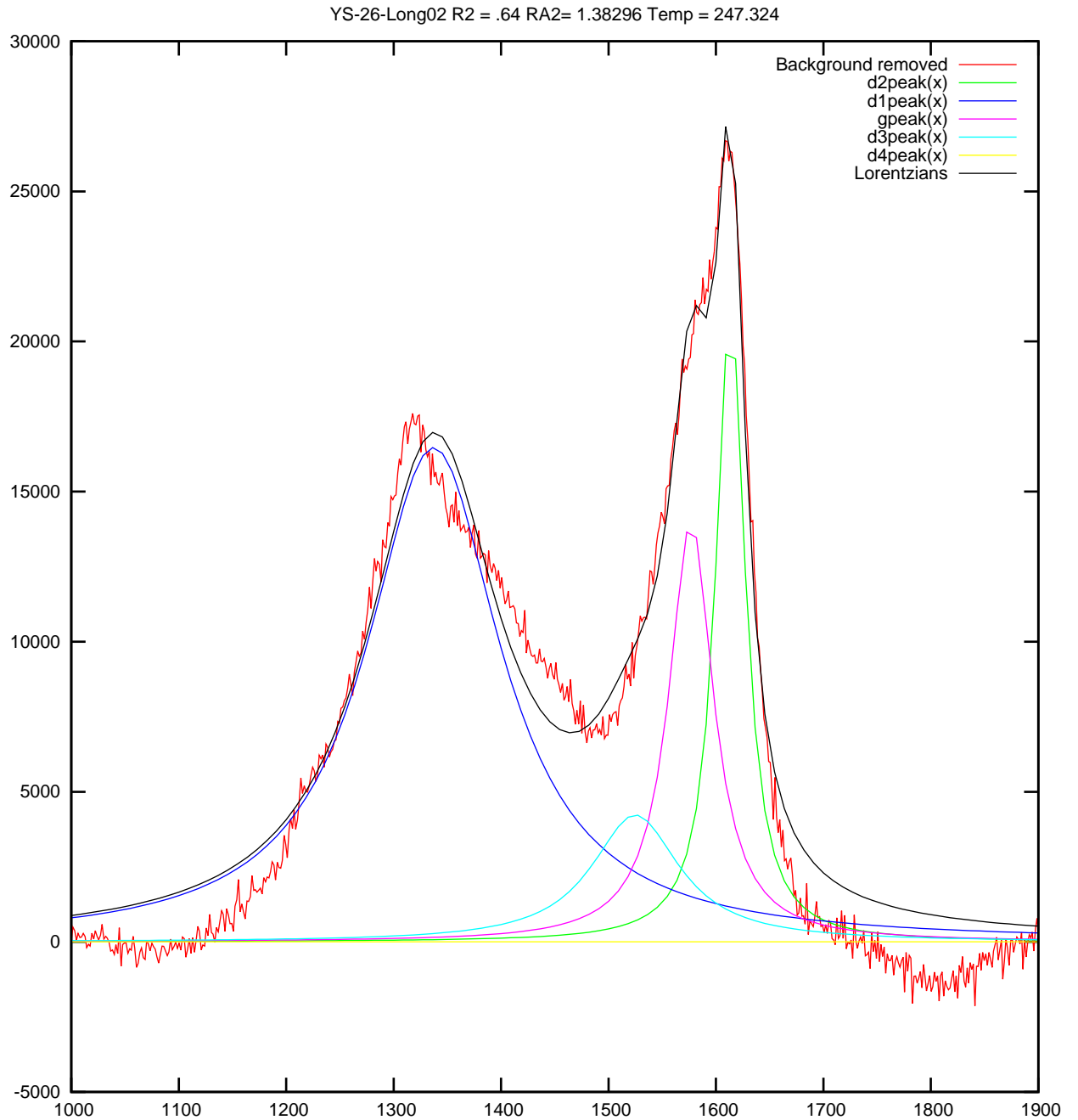
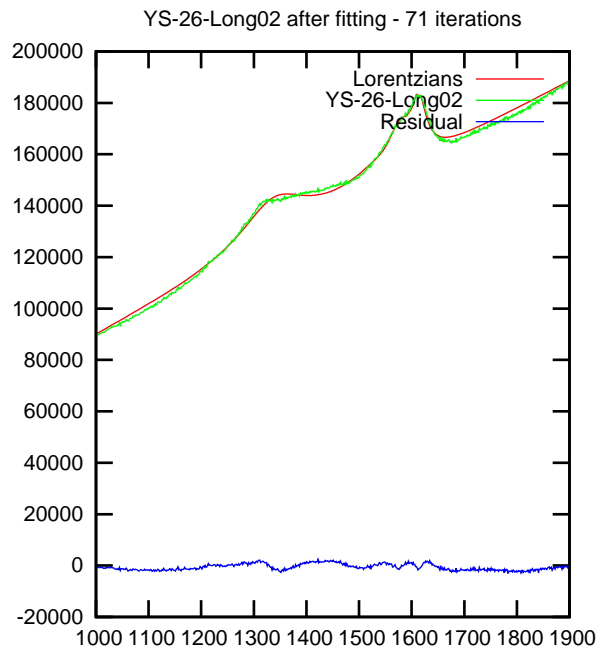
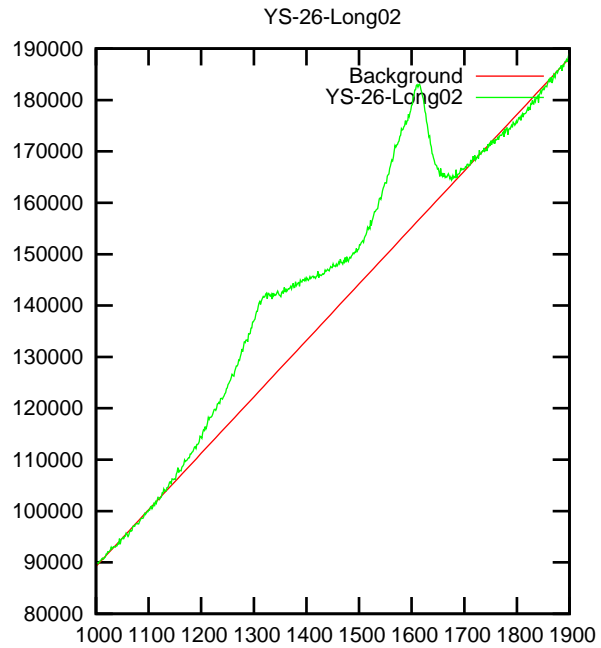


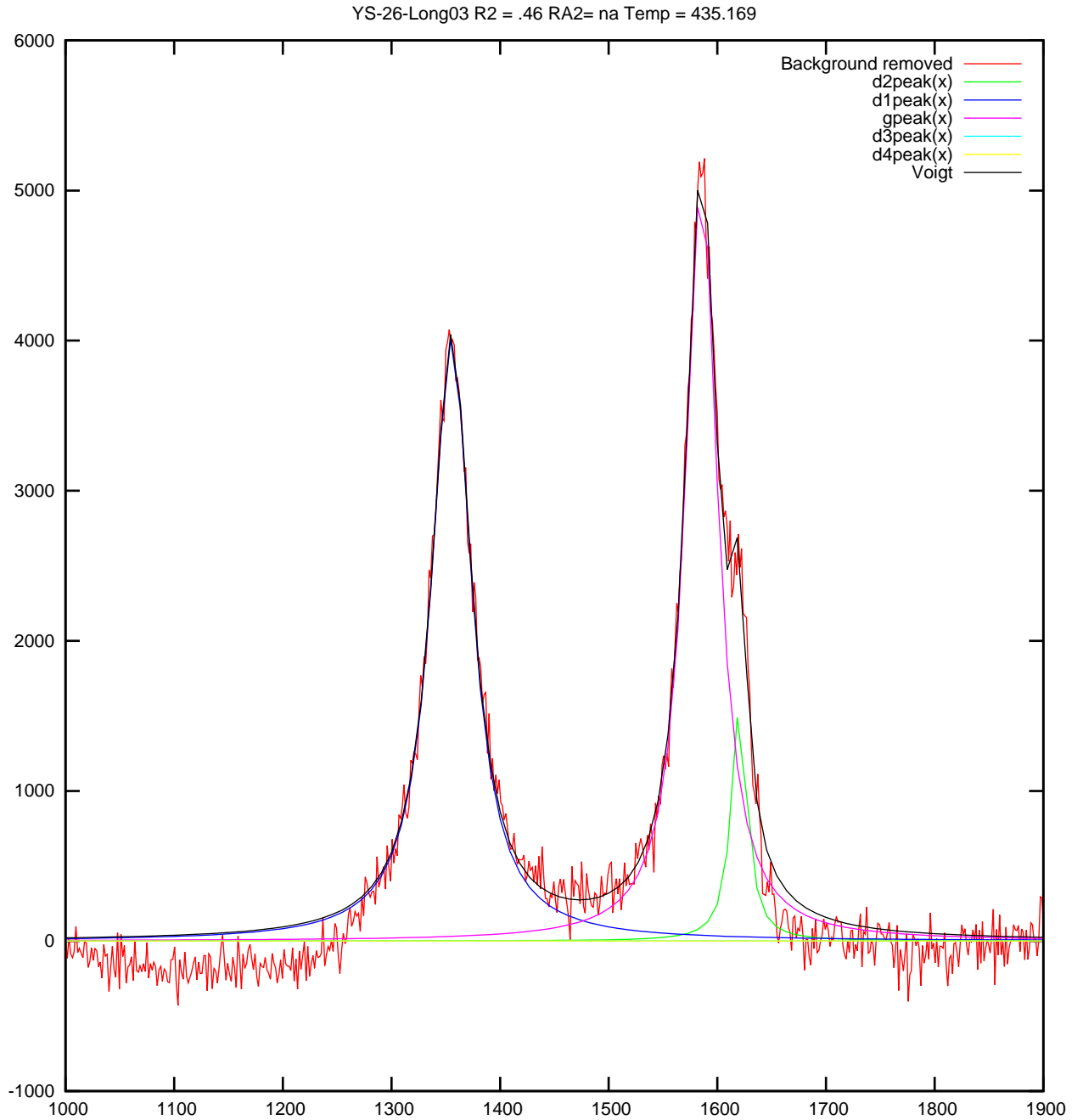
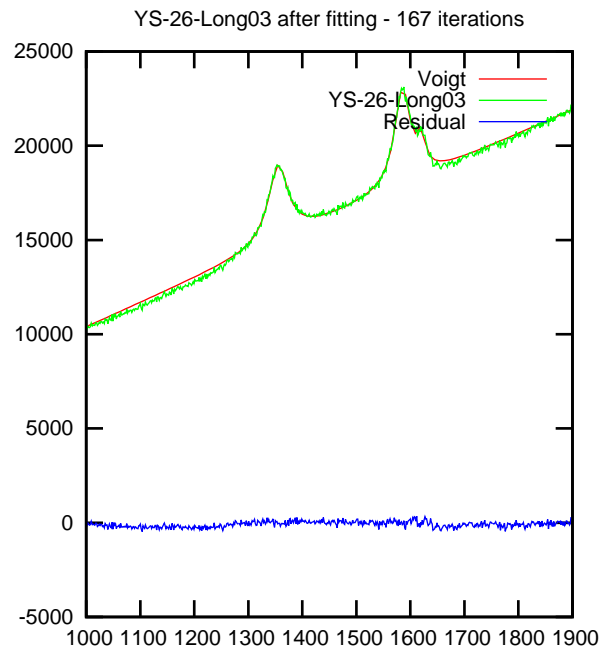
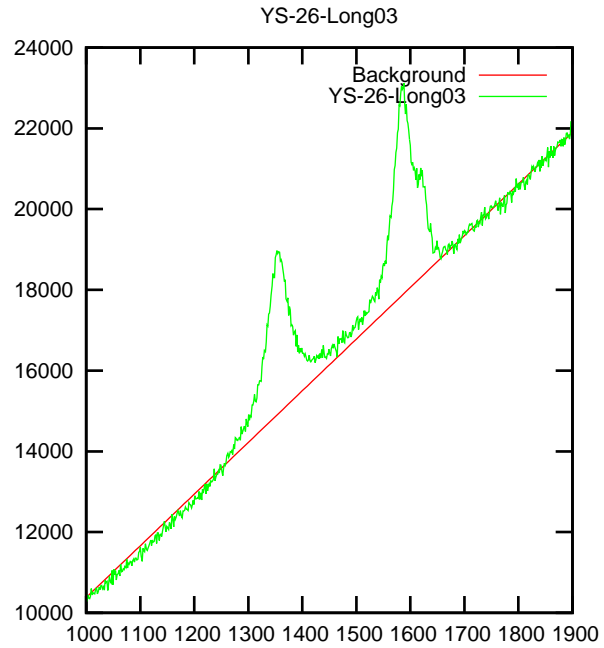


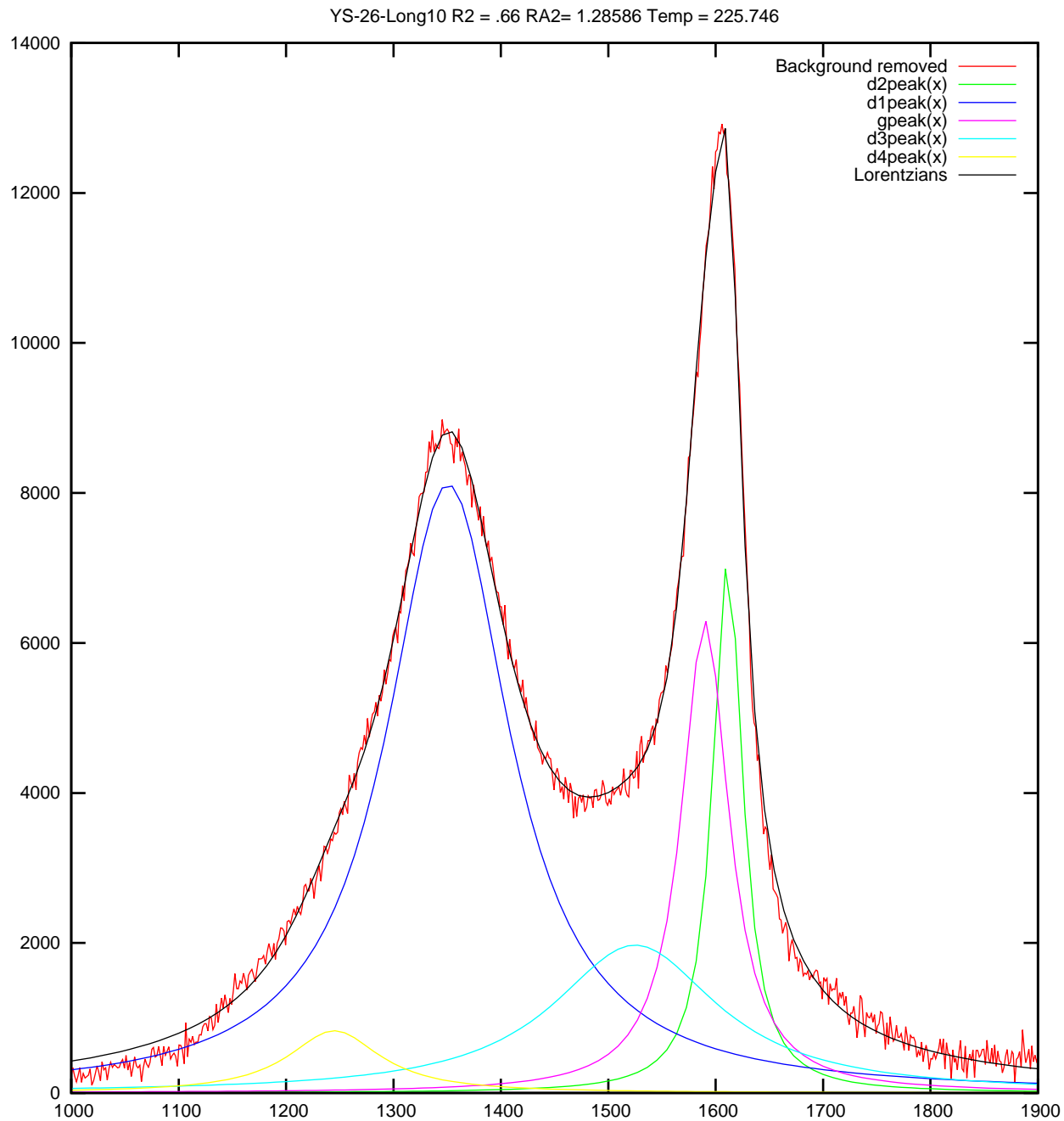
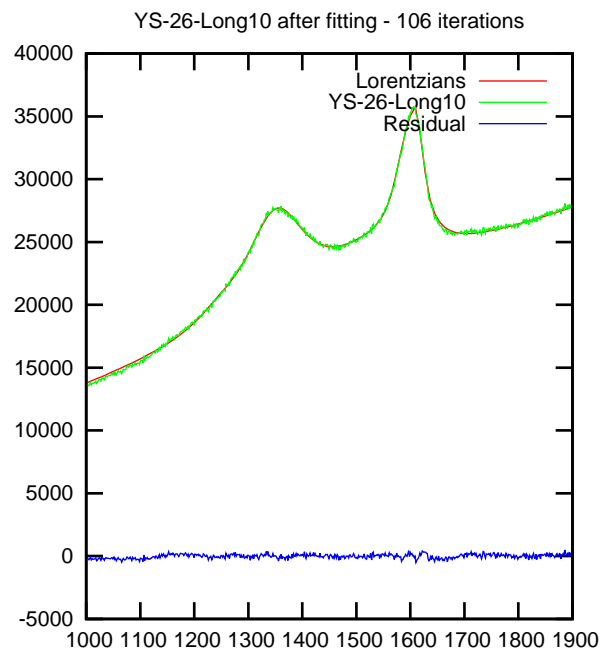
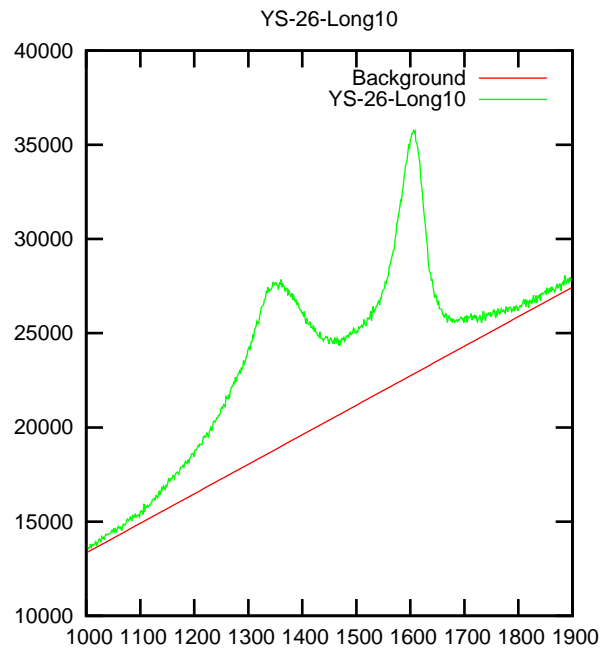




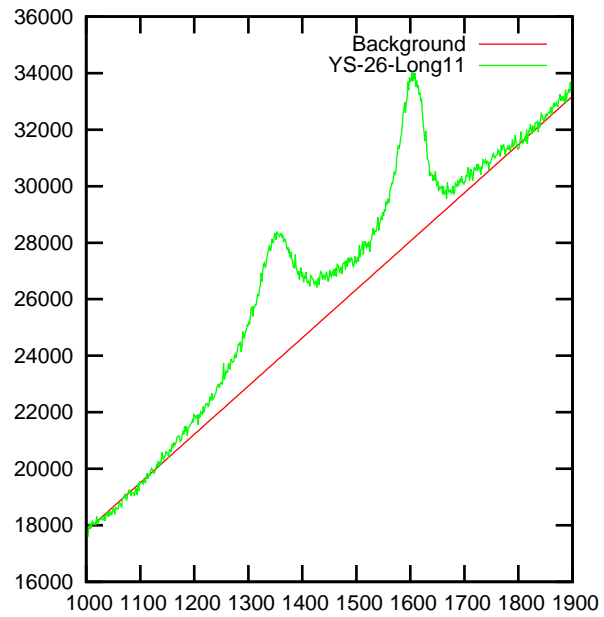




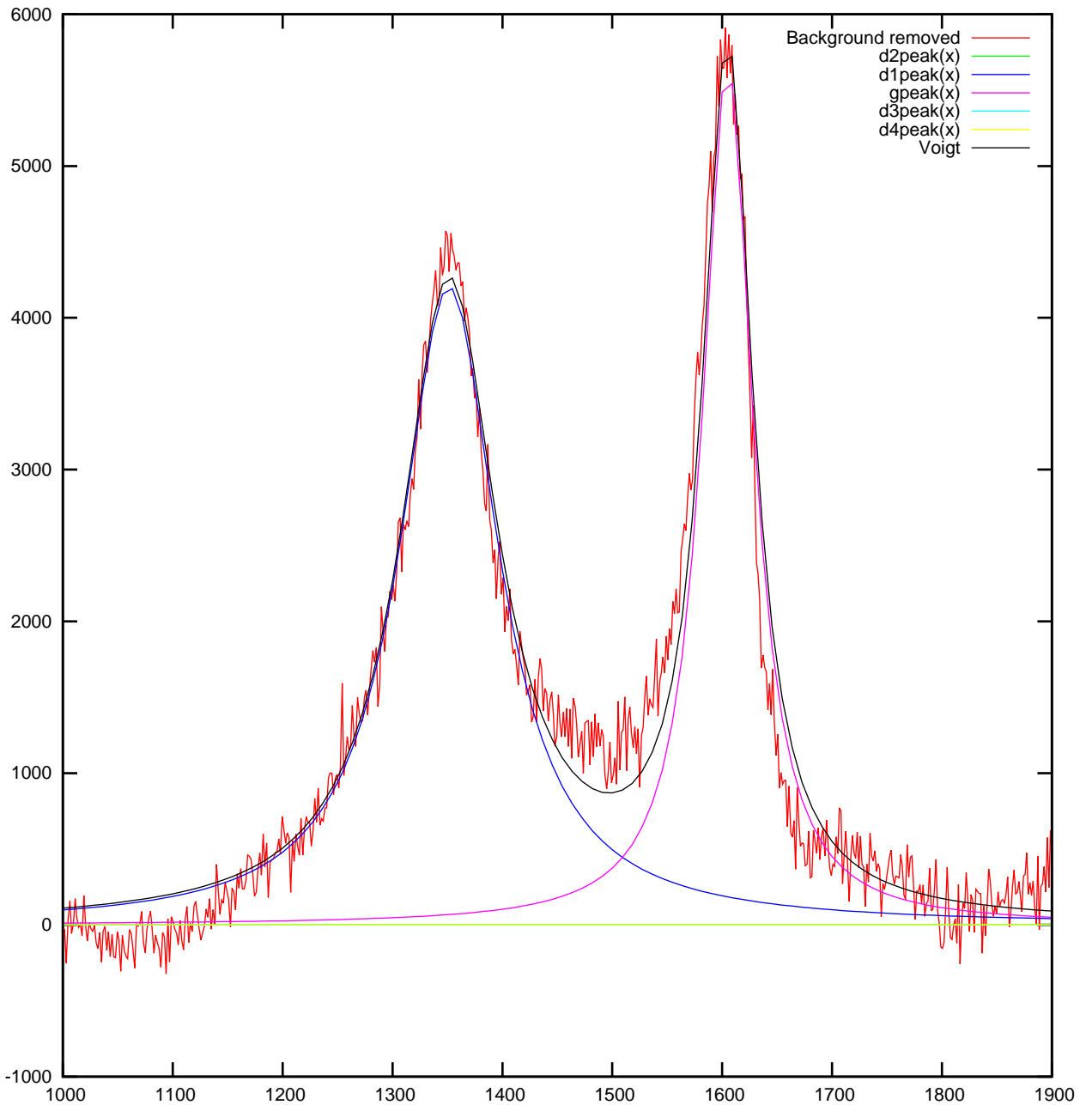




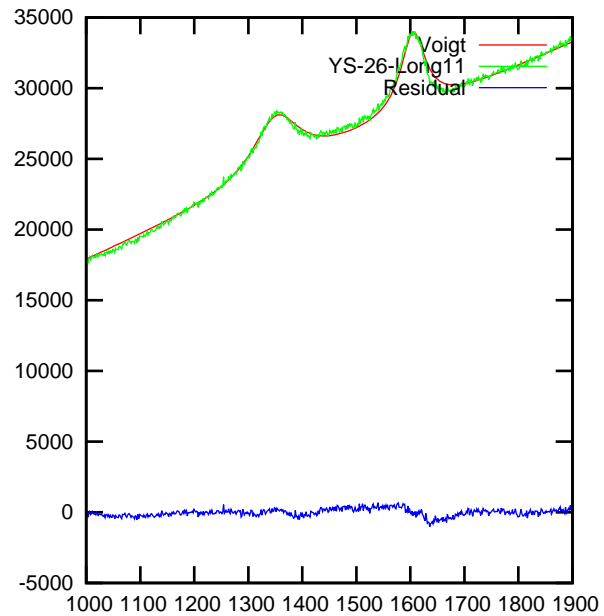
YS-26-Long11

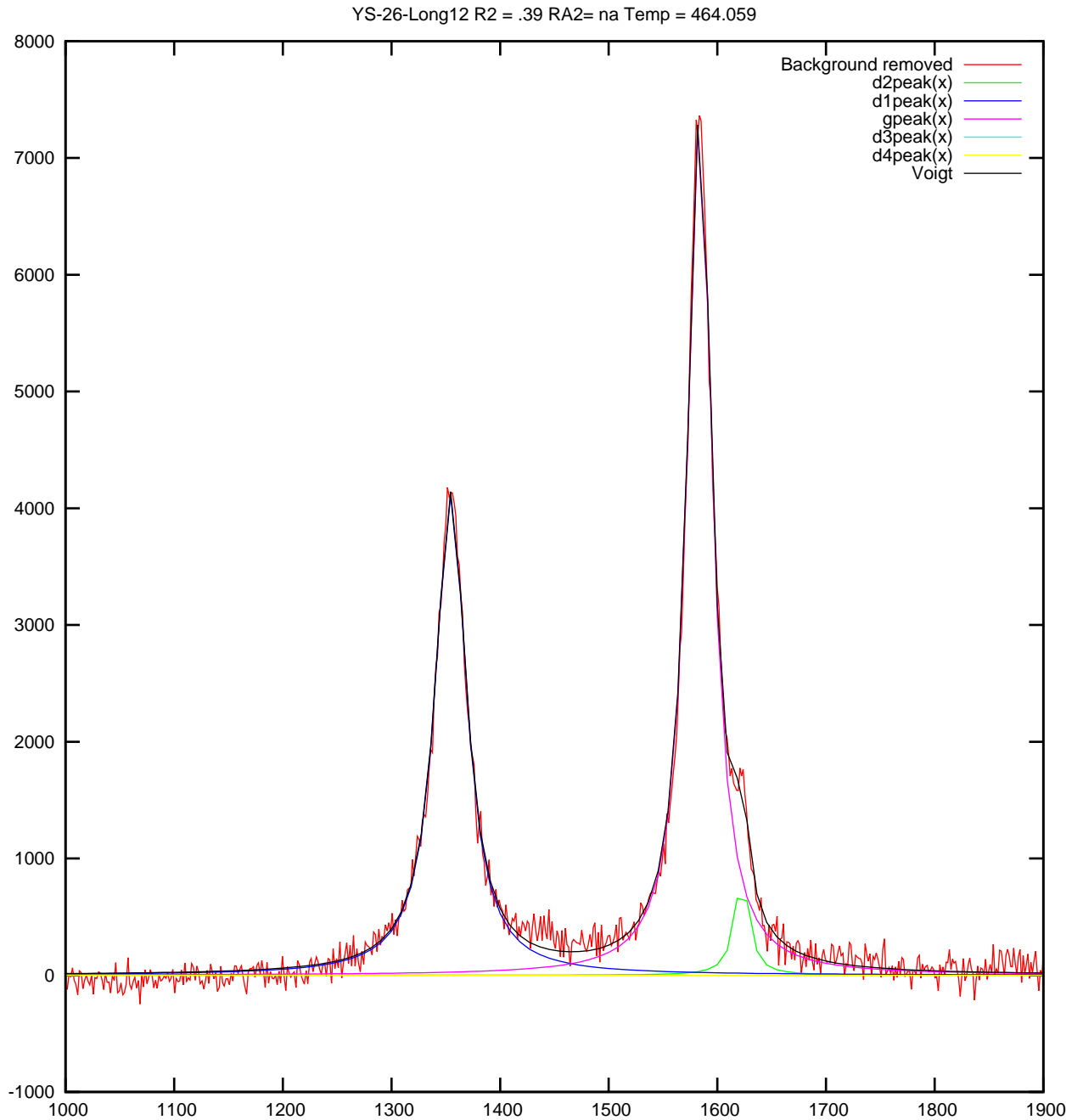
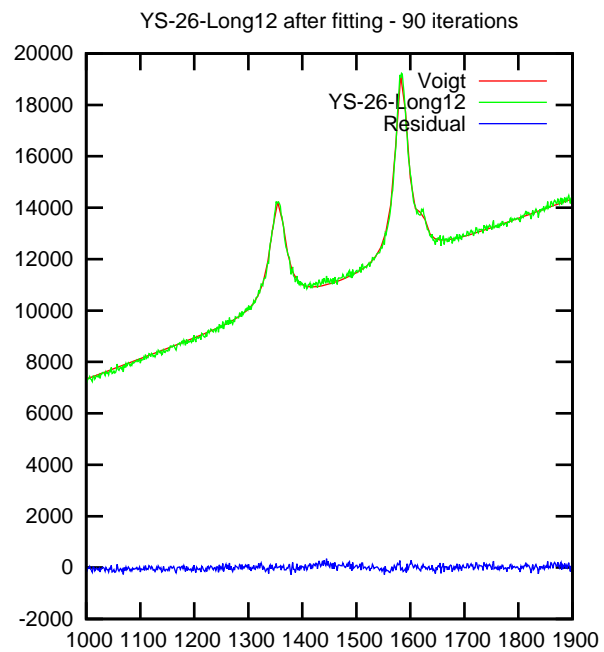
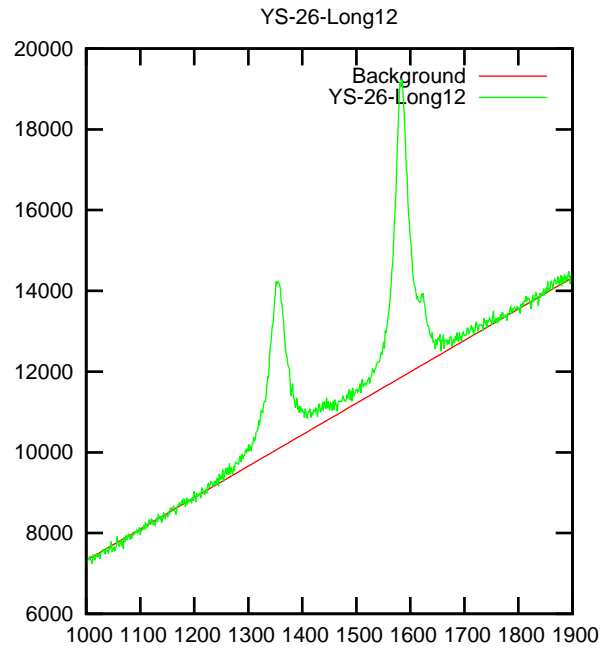


YS-26-Long11 R2 = .59 RA2= na Temp = 378.045

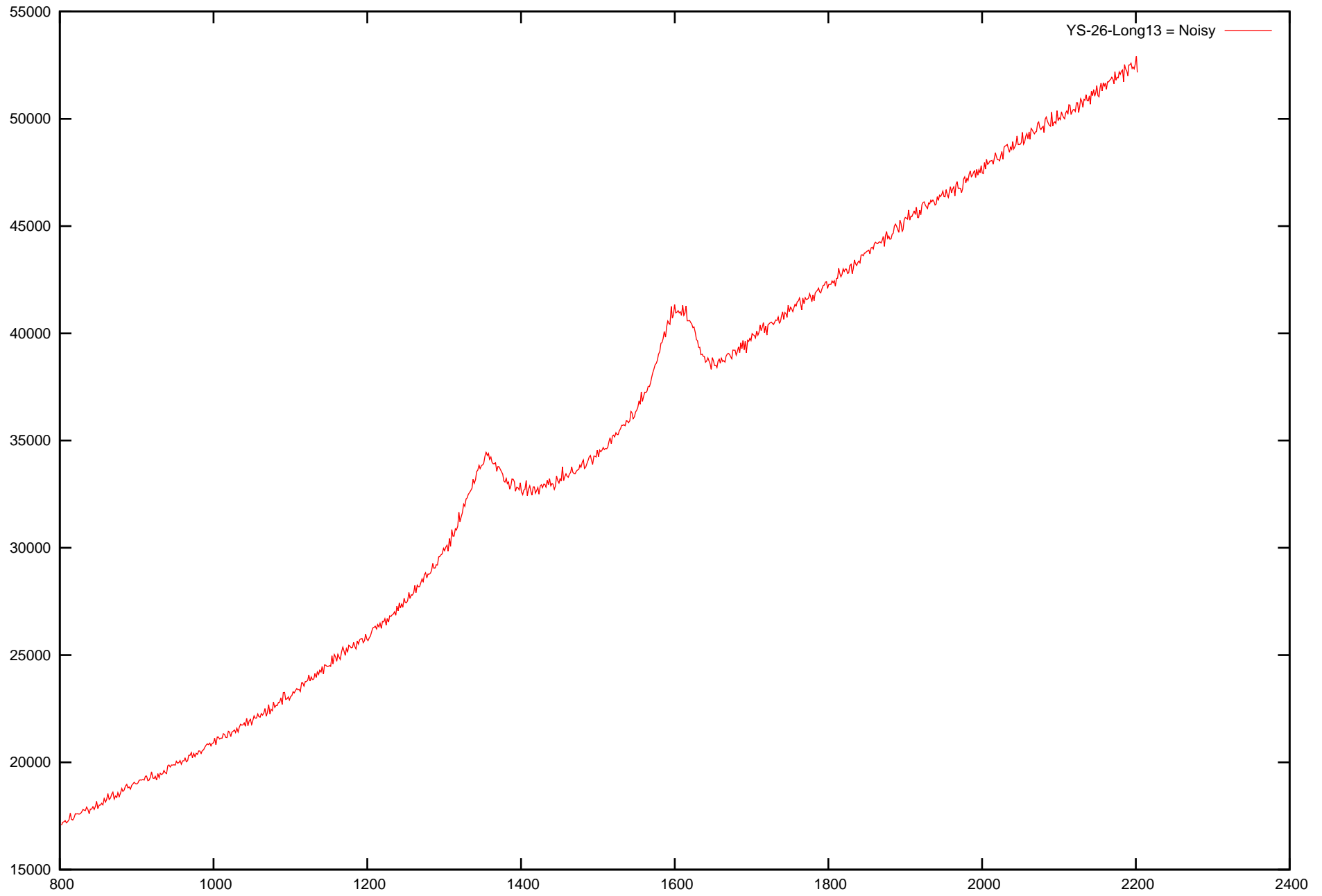


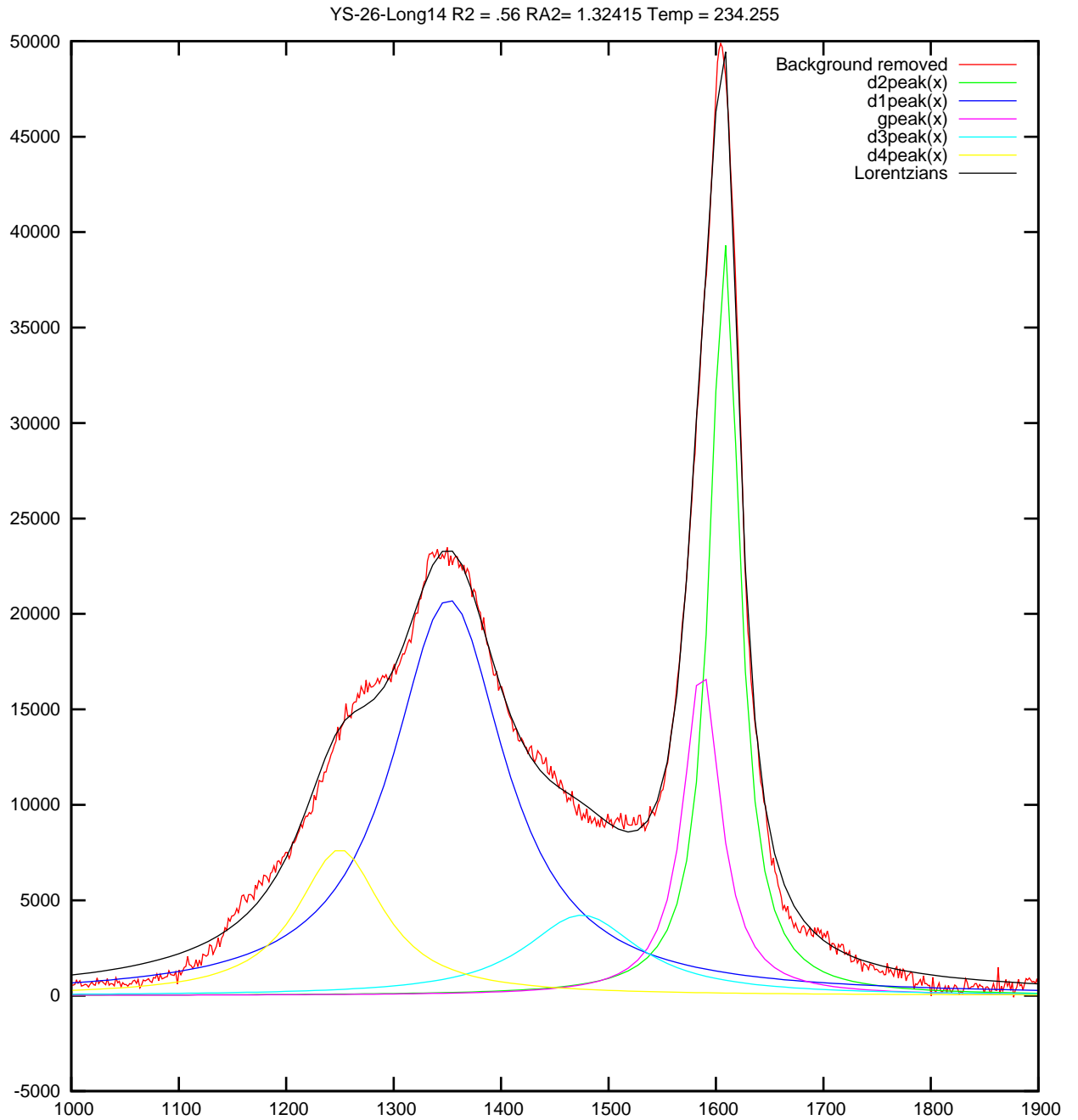
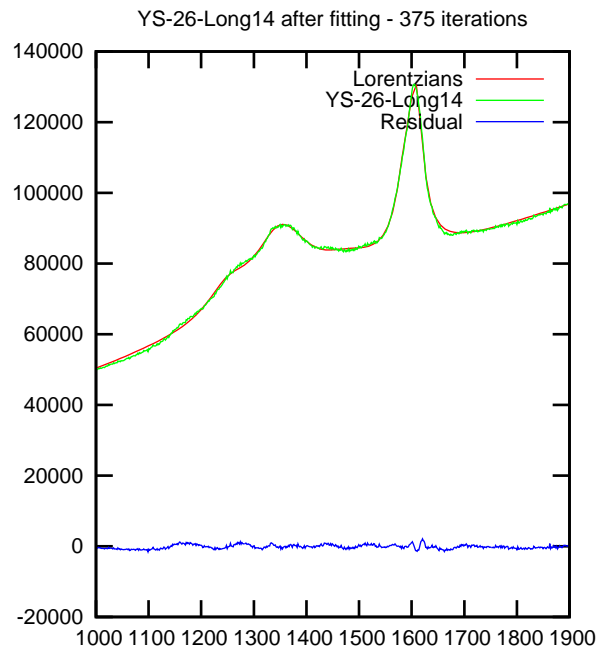
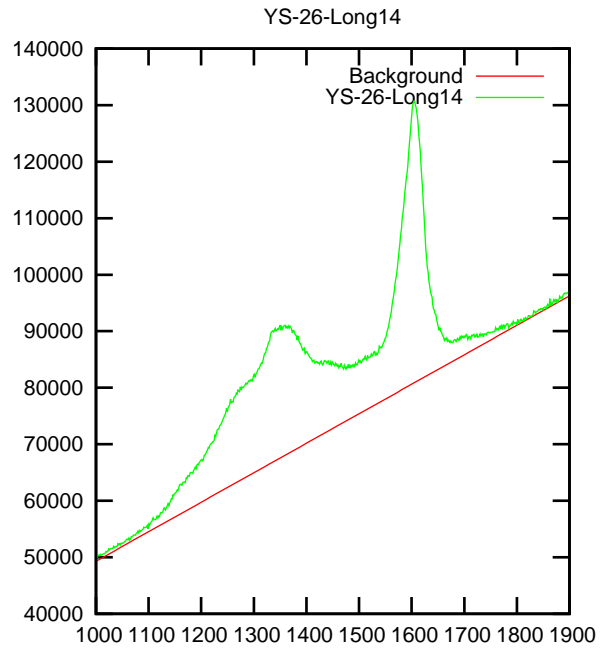
YS-26-Long11 after fitting - 280 iterations

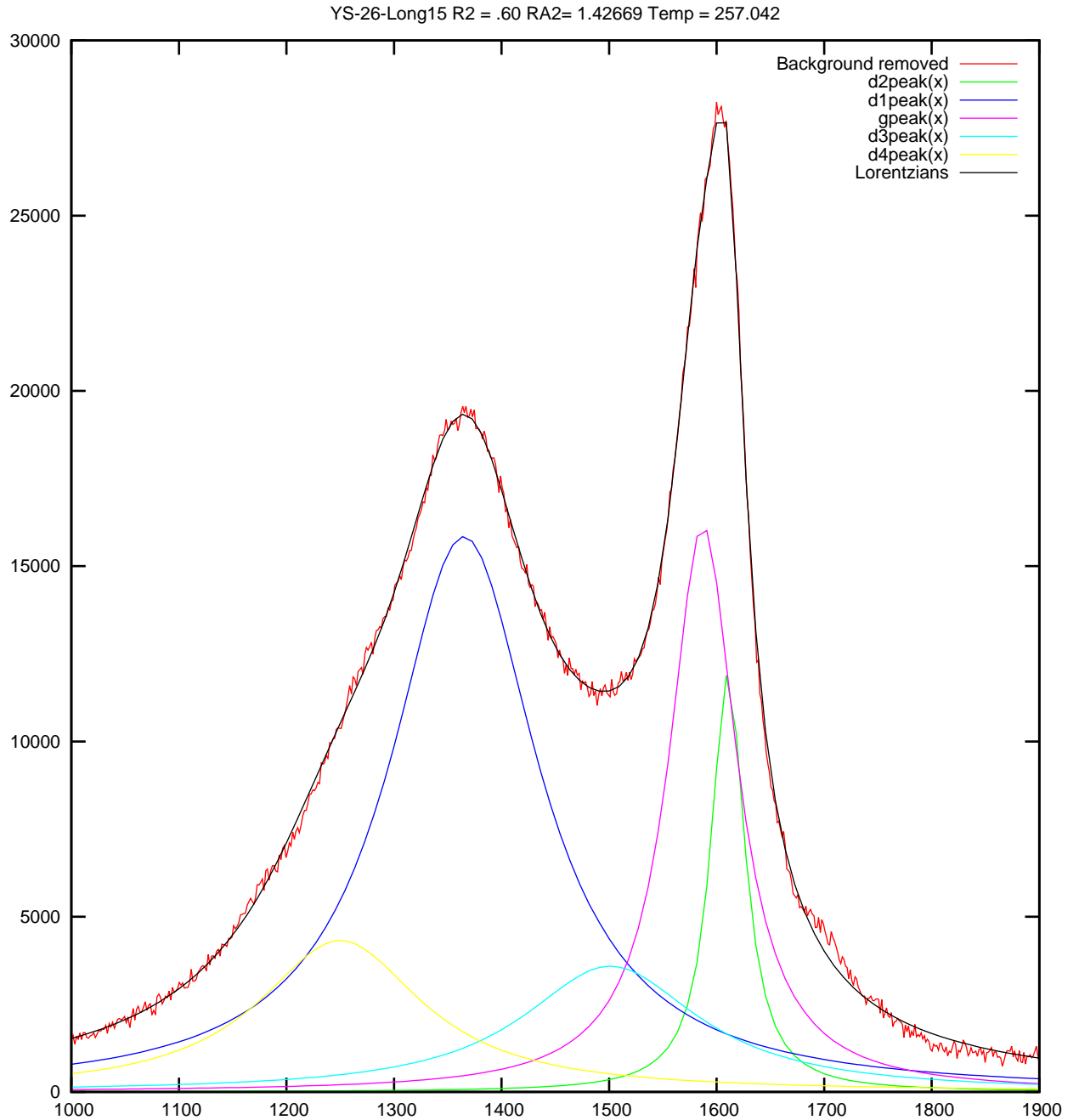
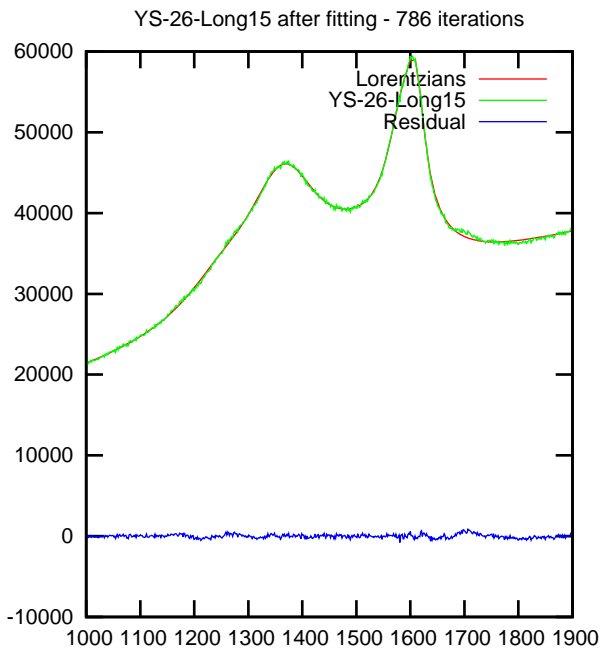
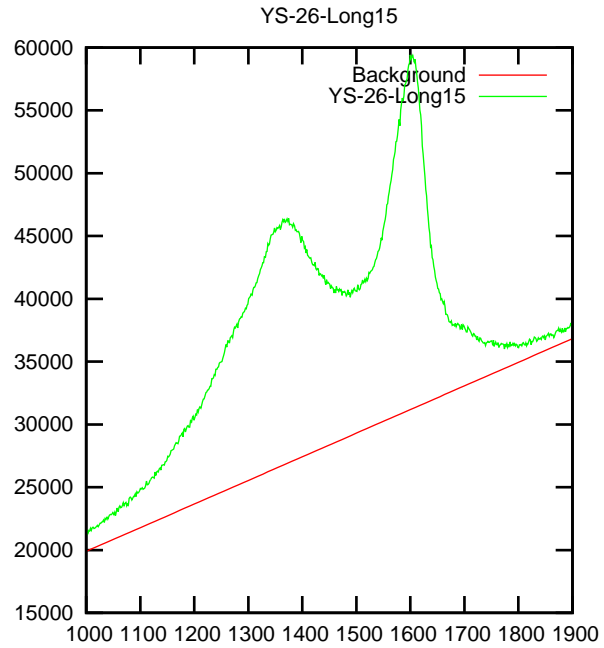




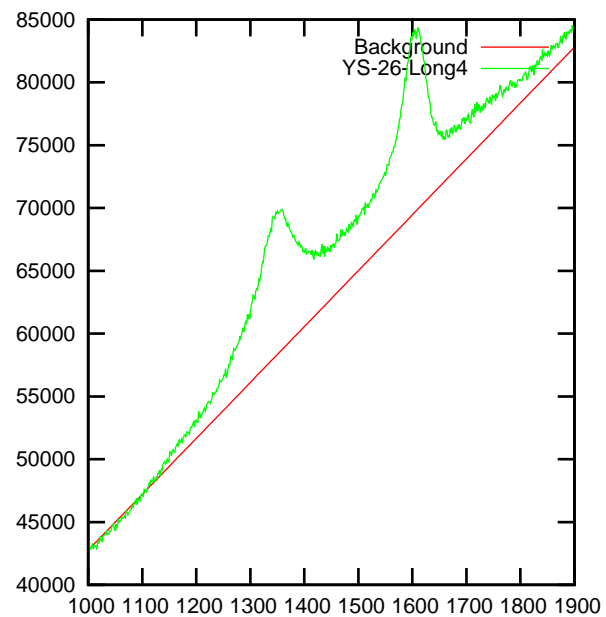
YS-26-Long13 = Noisy



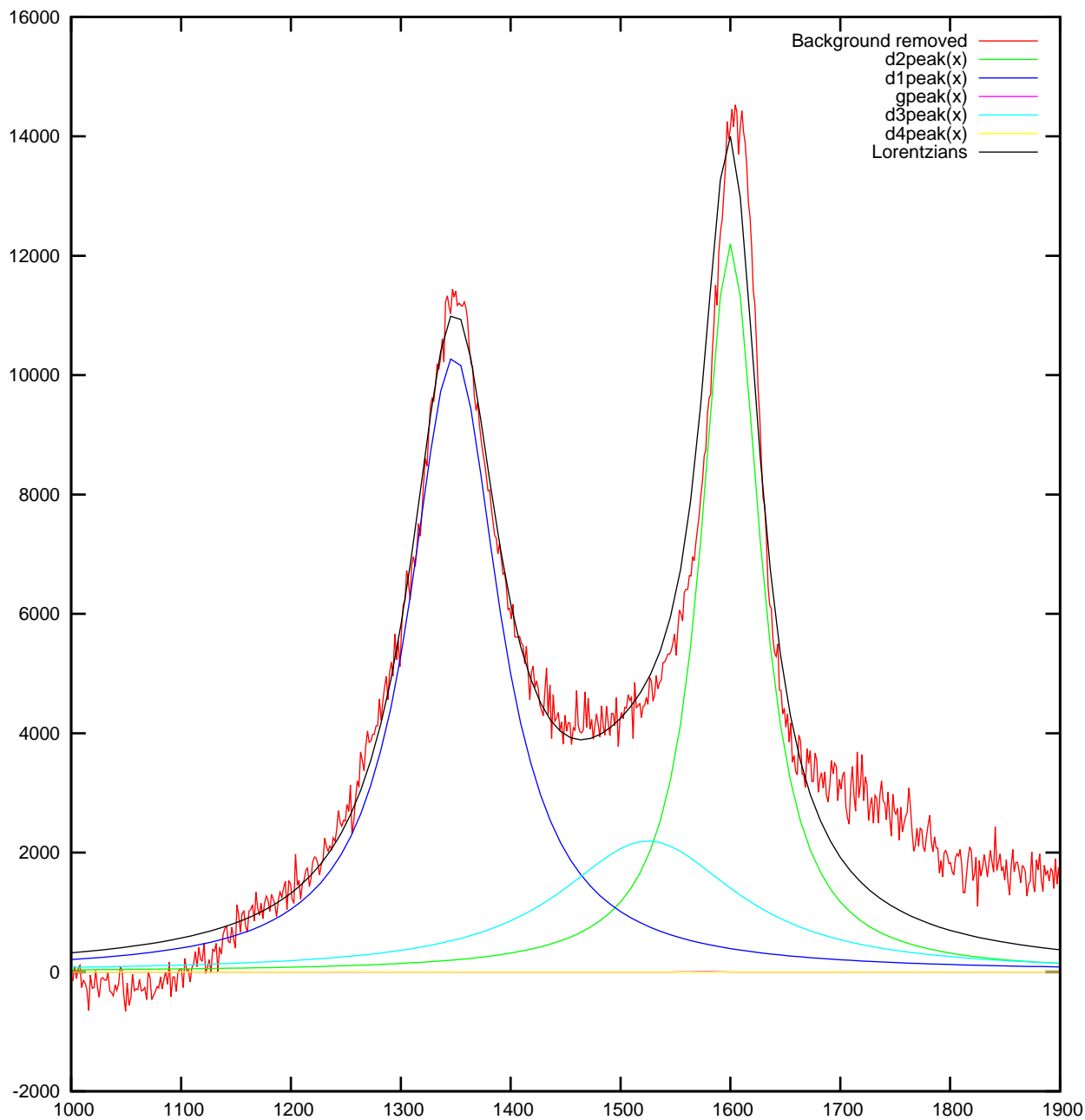




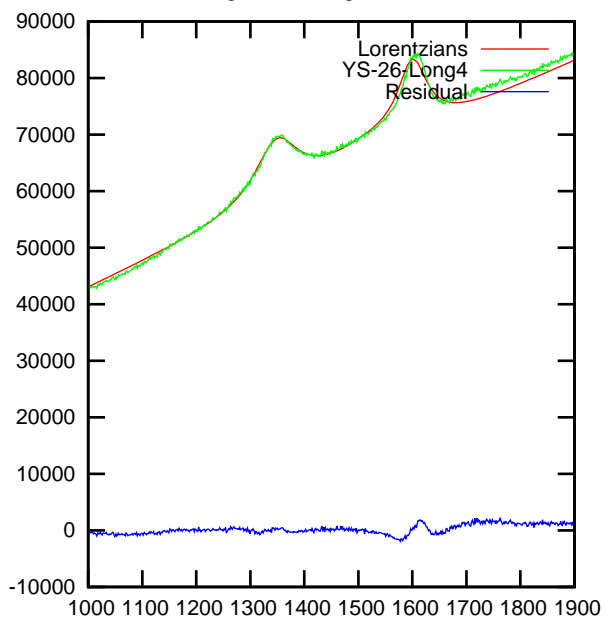
YS-26-Long4



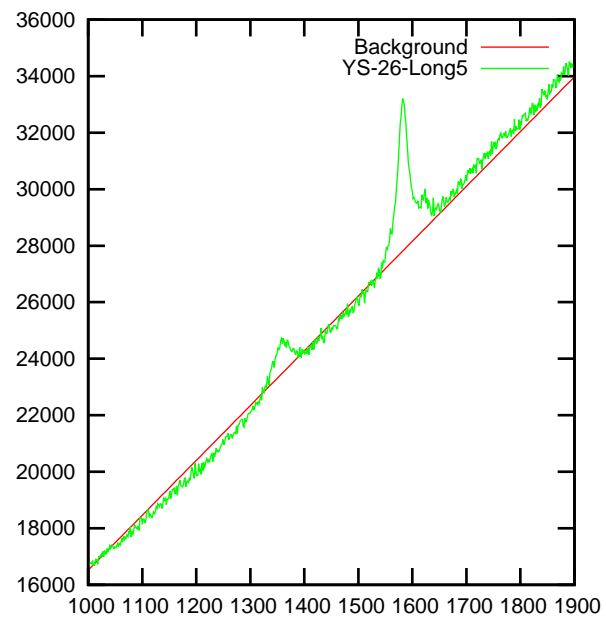
YS-26-Long4 R2 = .56 RA2= .83300 Temp = 125.111



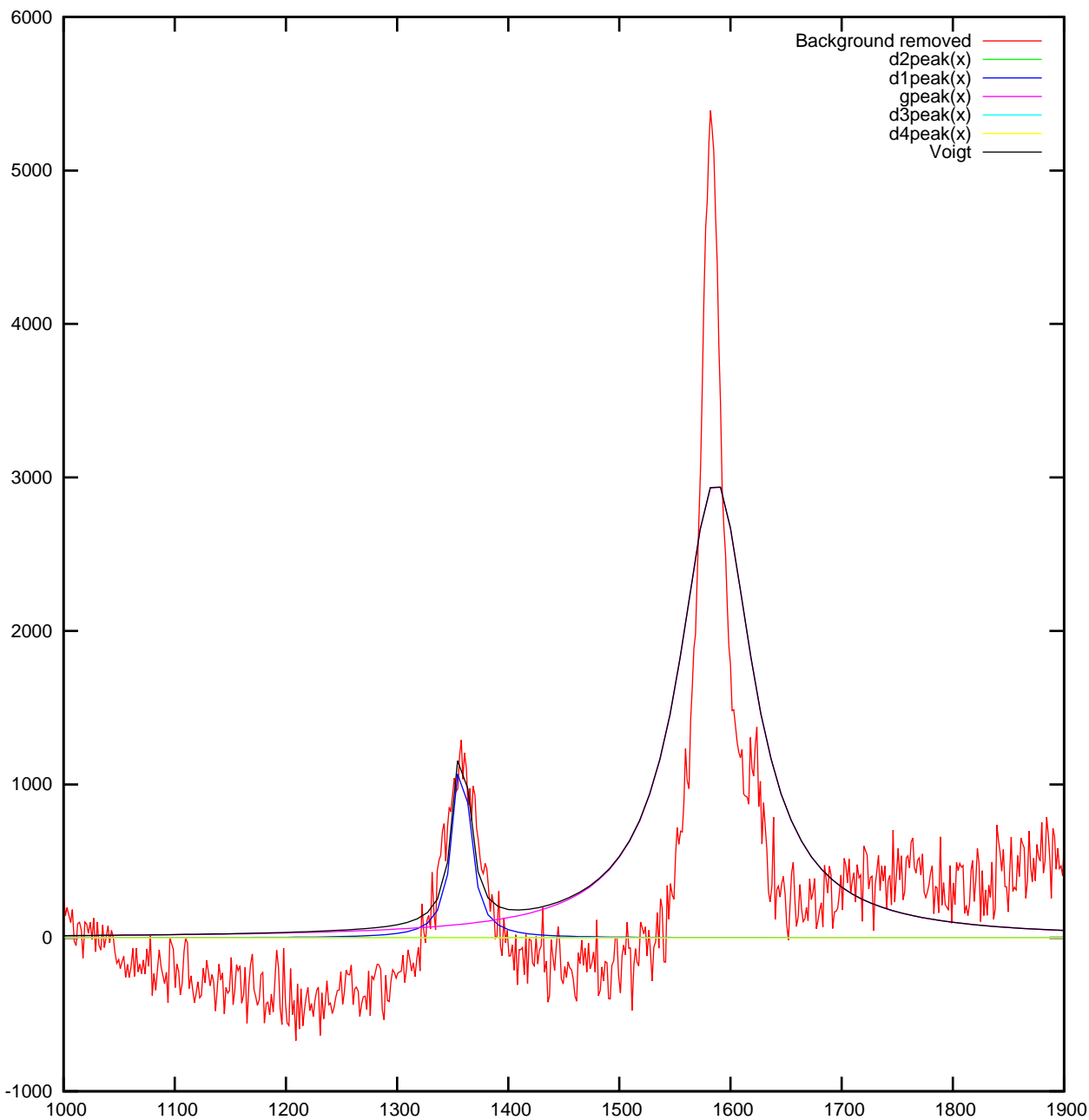
YS-26-Long4 after fitting - 10000+ iterations



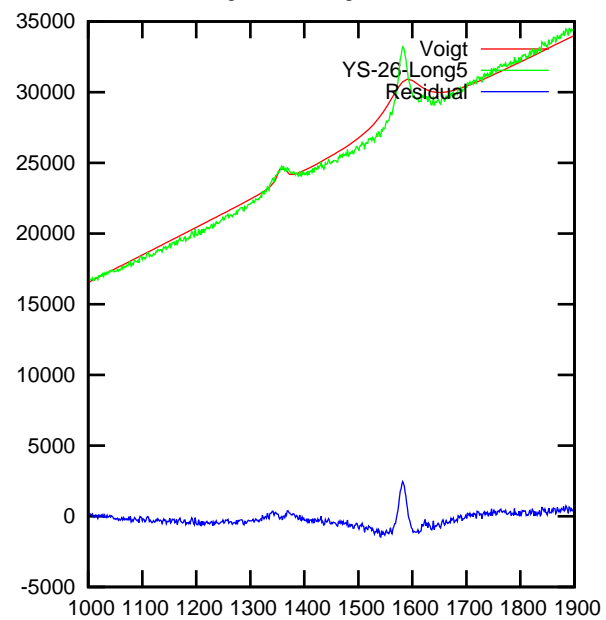
YS-26-Long5

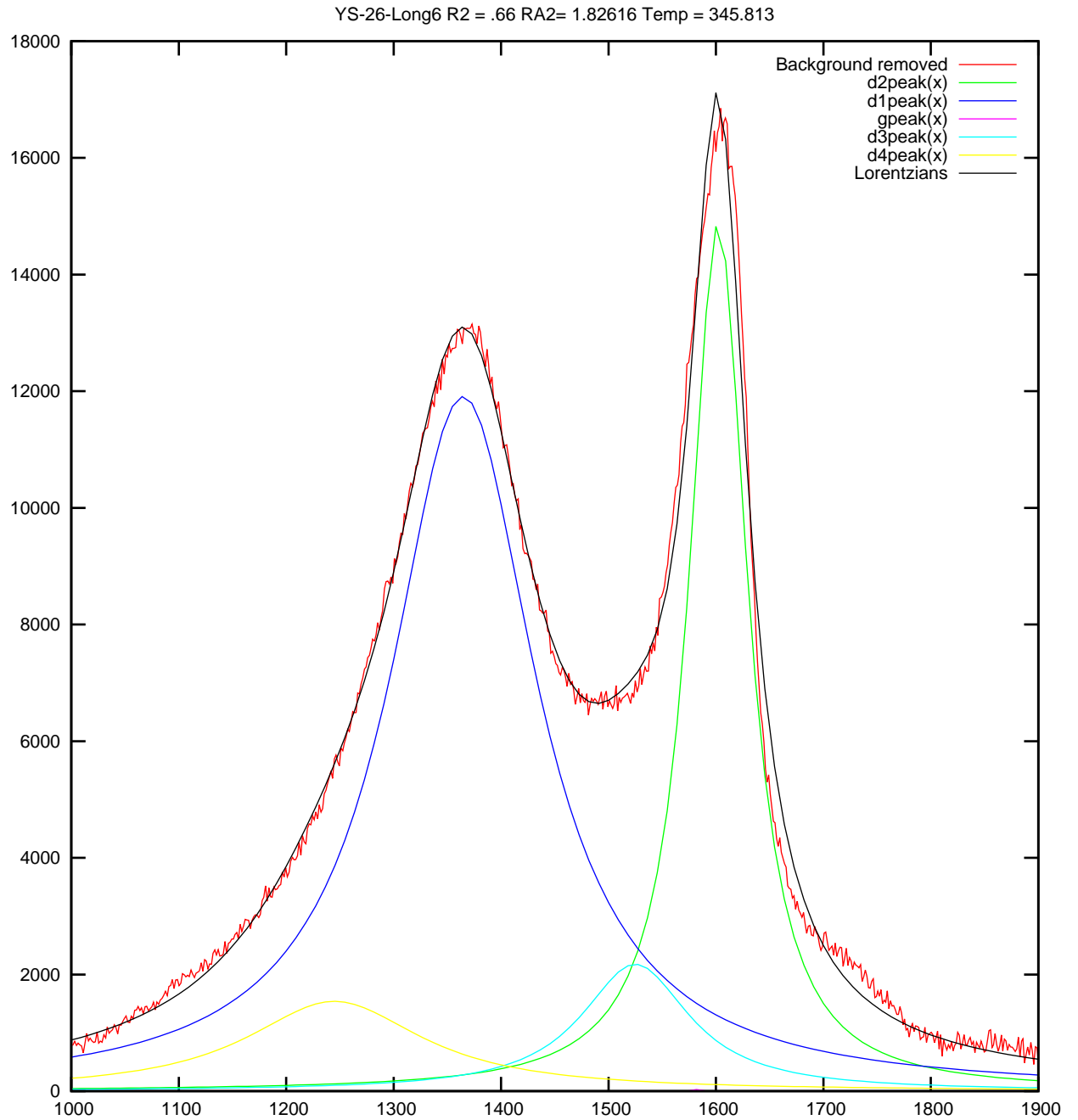
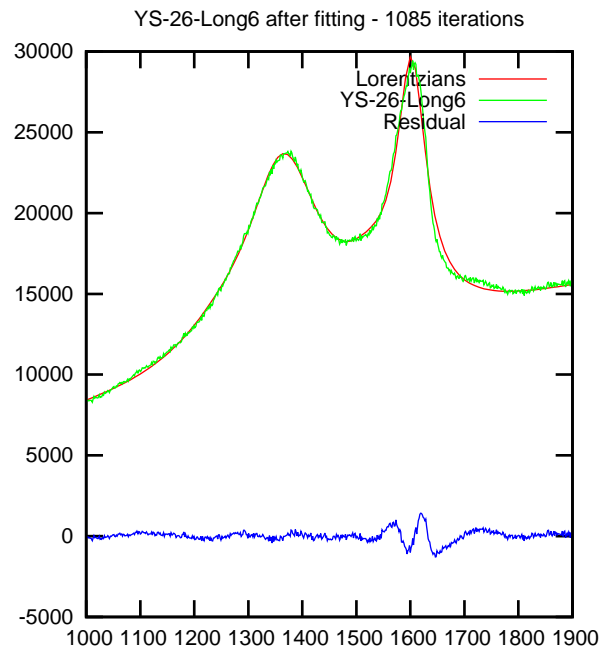
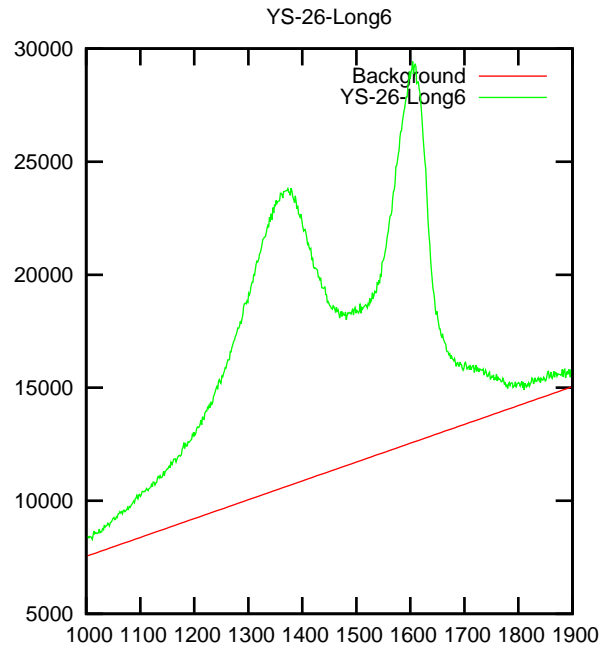


YS-26-Long5 R2 = .08 RA2= na Temp = 603.495

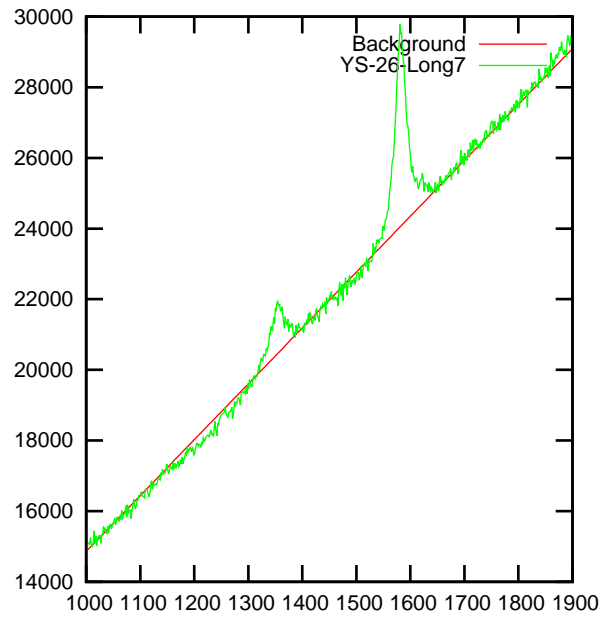


YS-26-Long5 after fitting - 10000+ iterations

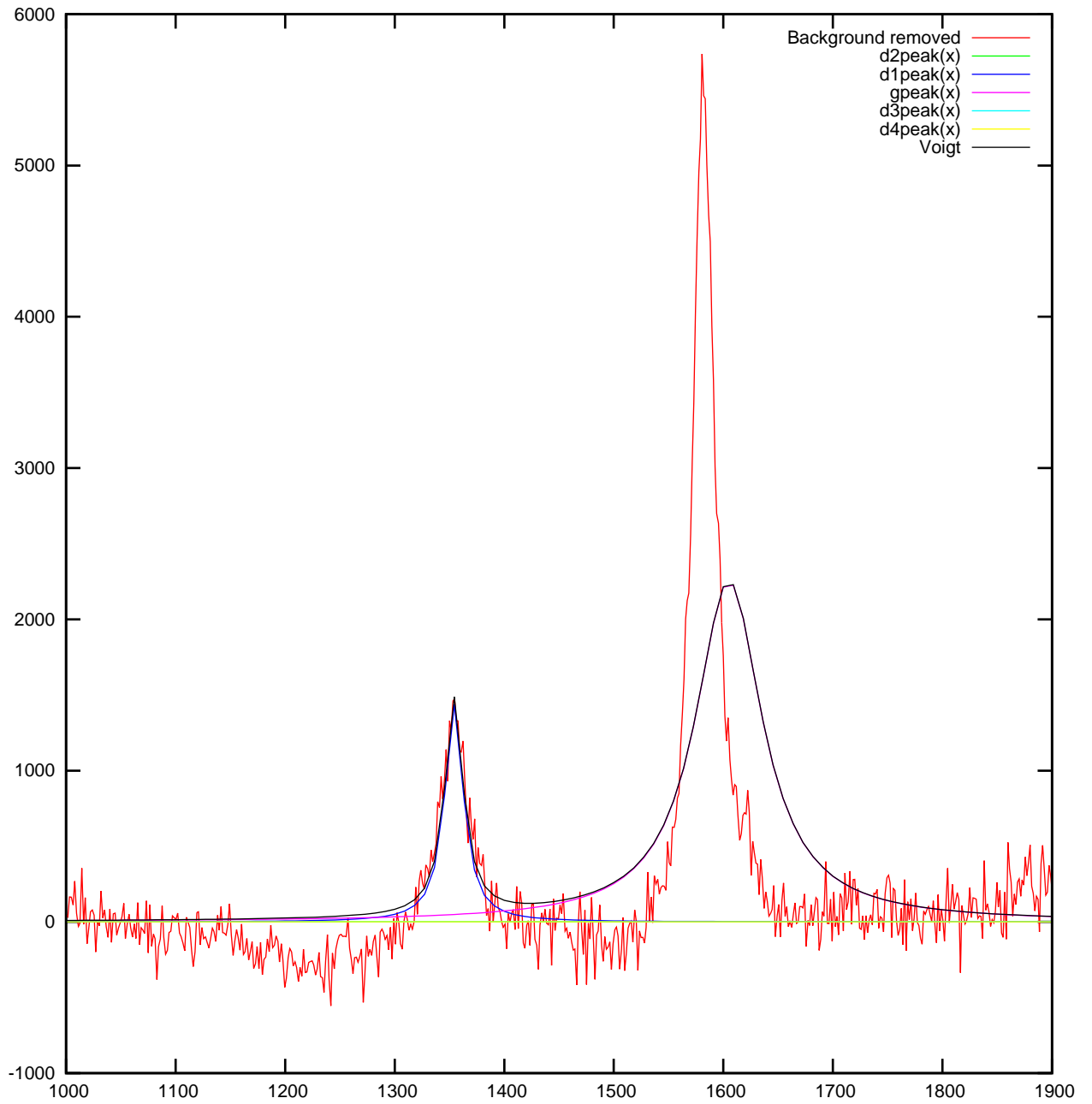




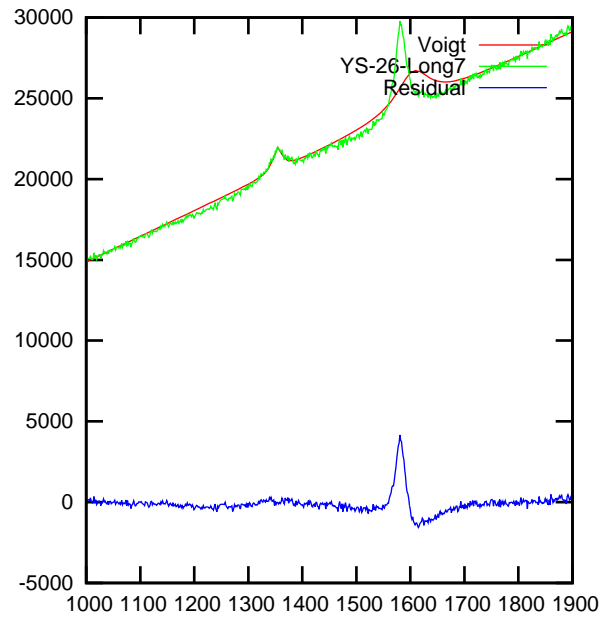
YS-26-Long7

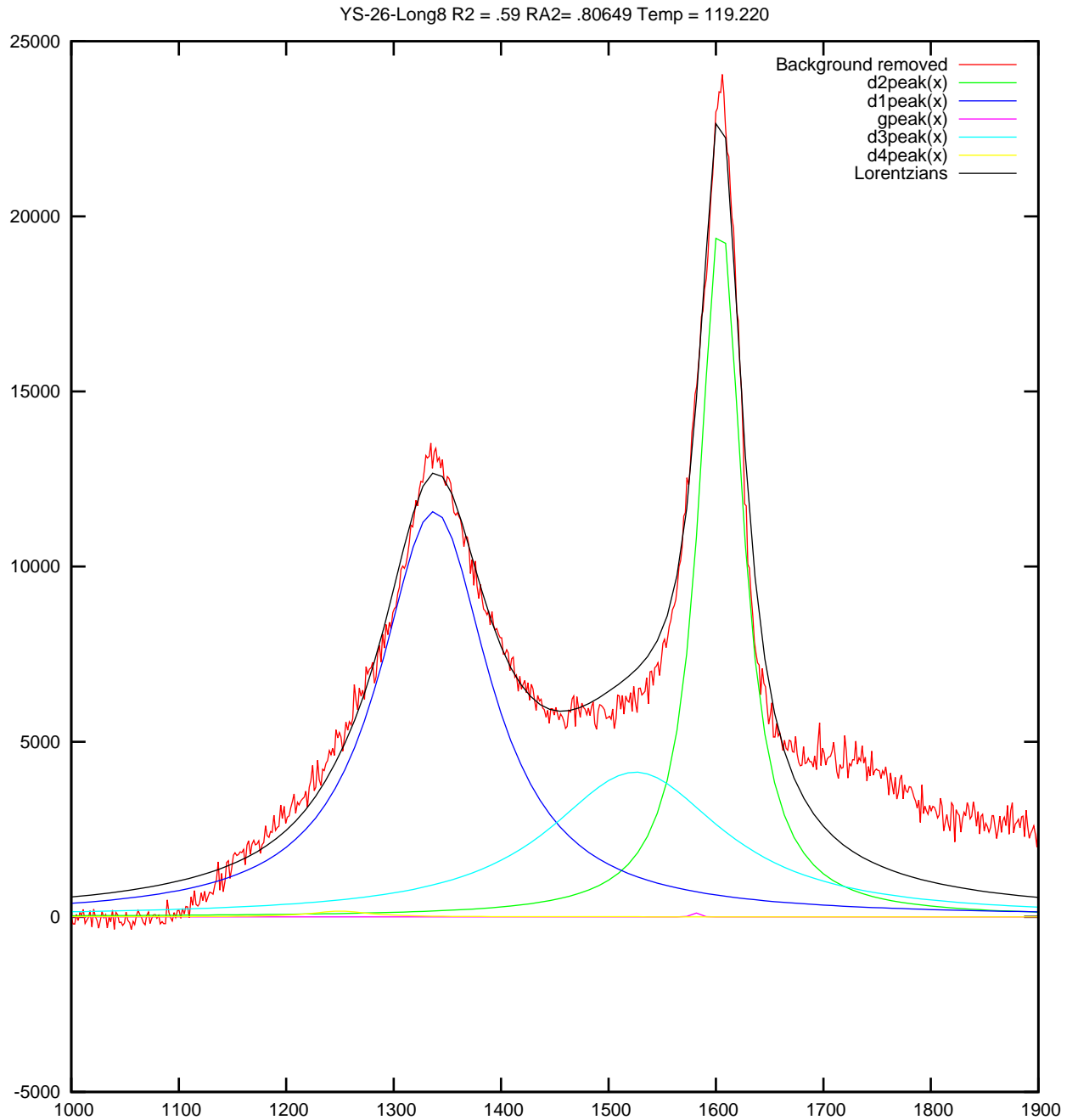
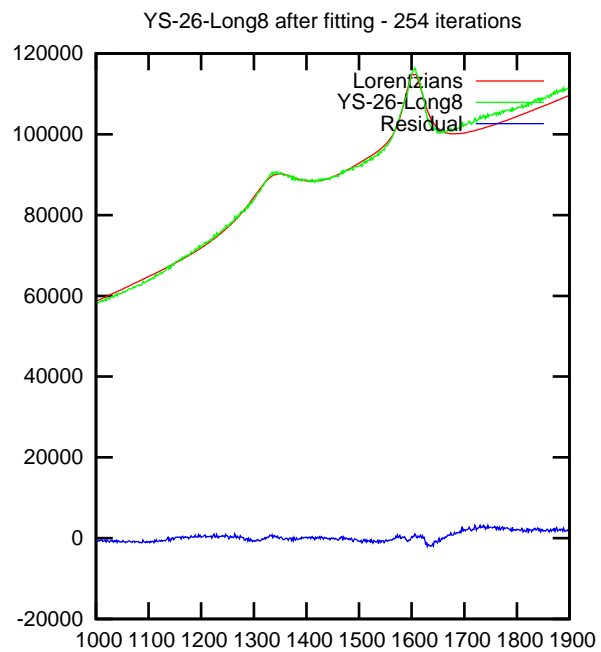
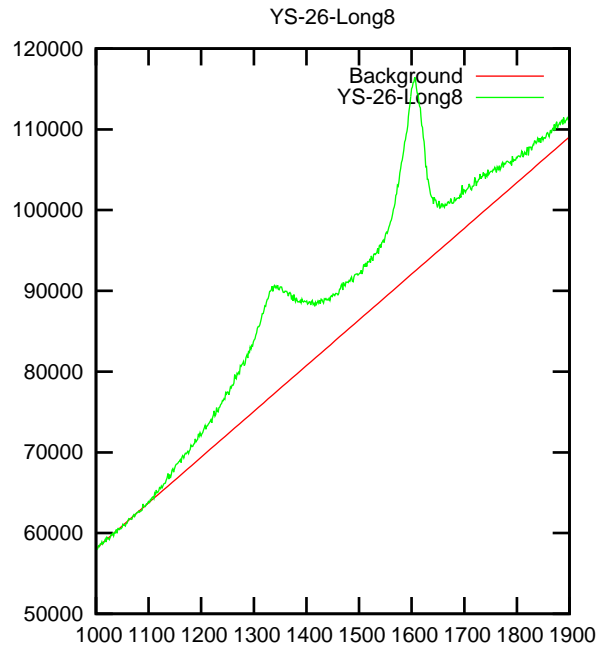


YS-26-Long7 R2 = .15 RA2= na Temp = 574.174

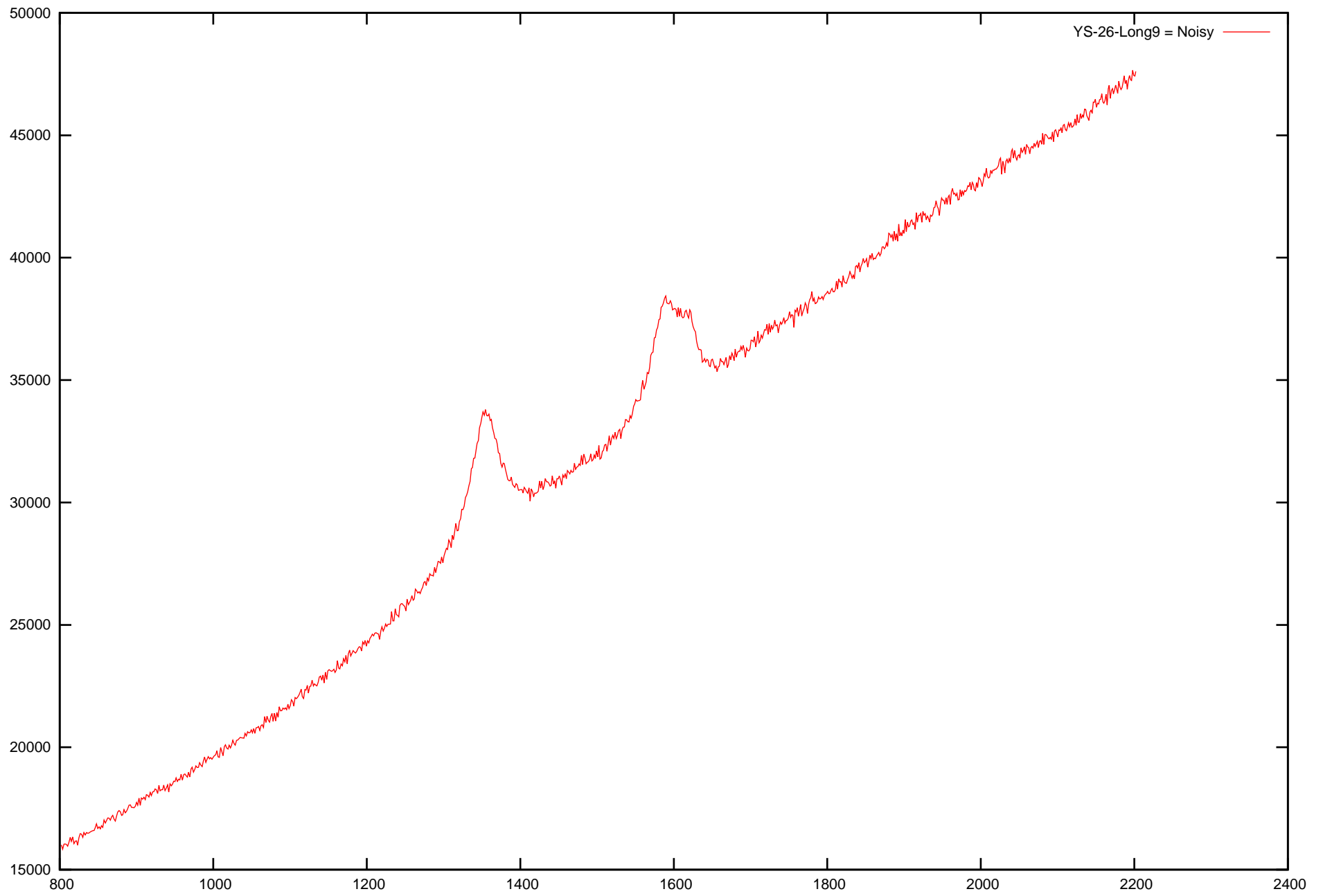


YS-26-Long7 after fitting - 10000+ iterations

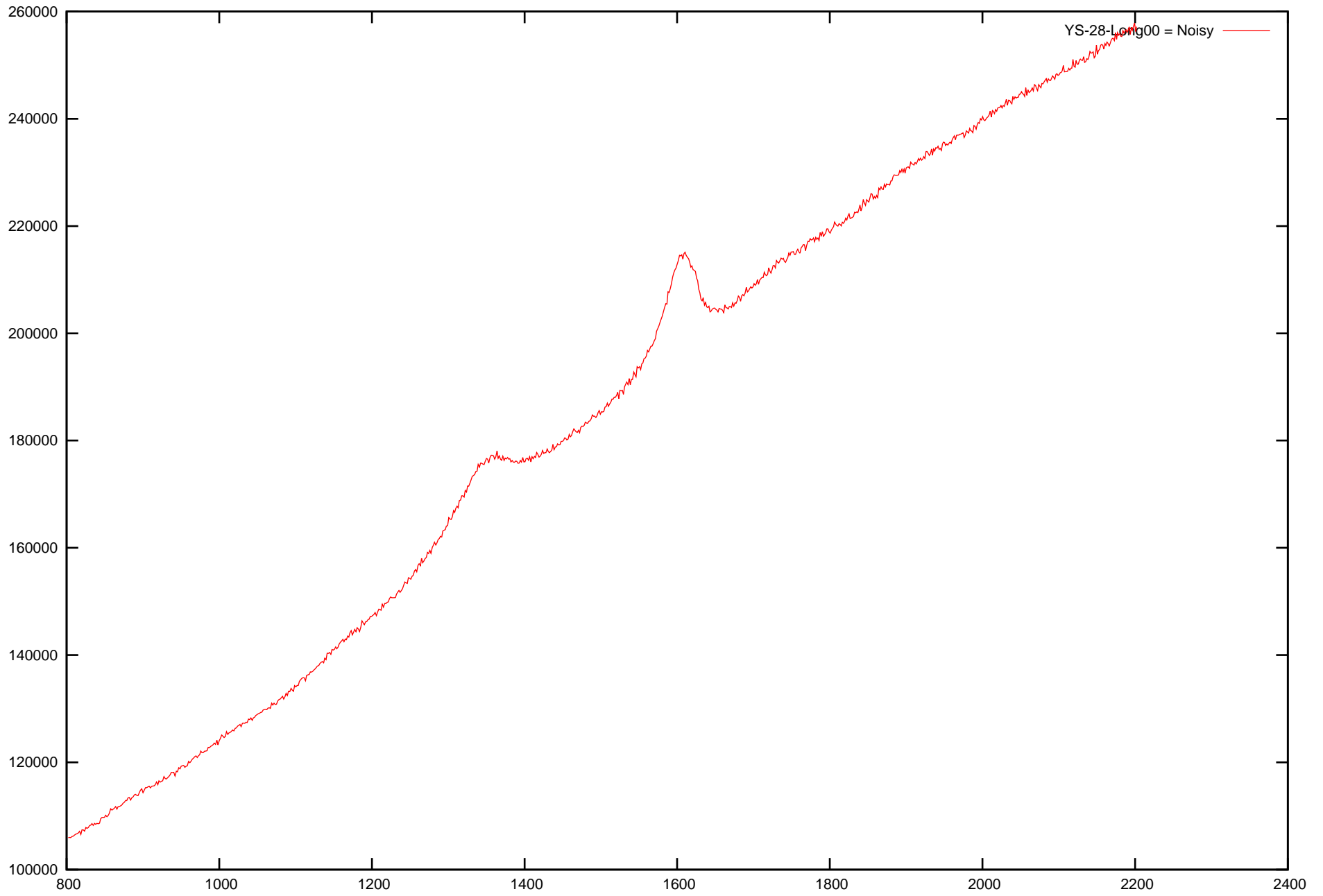


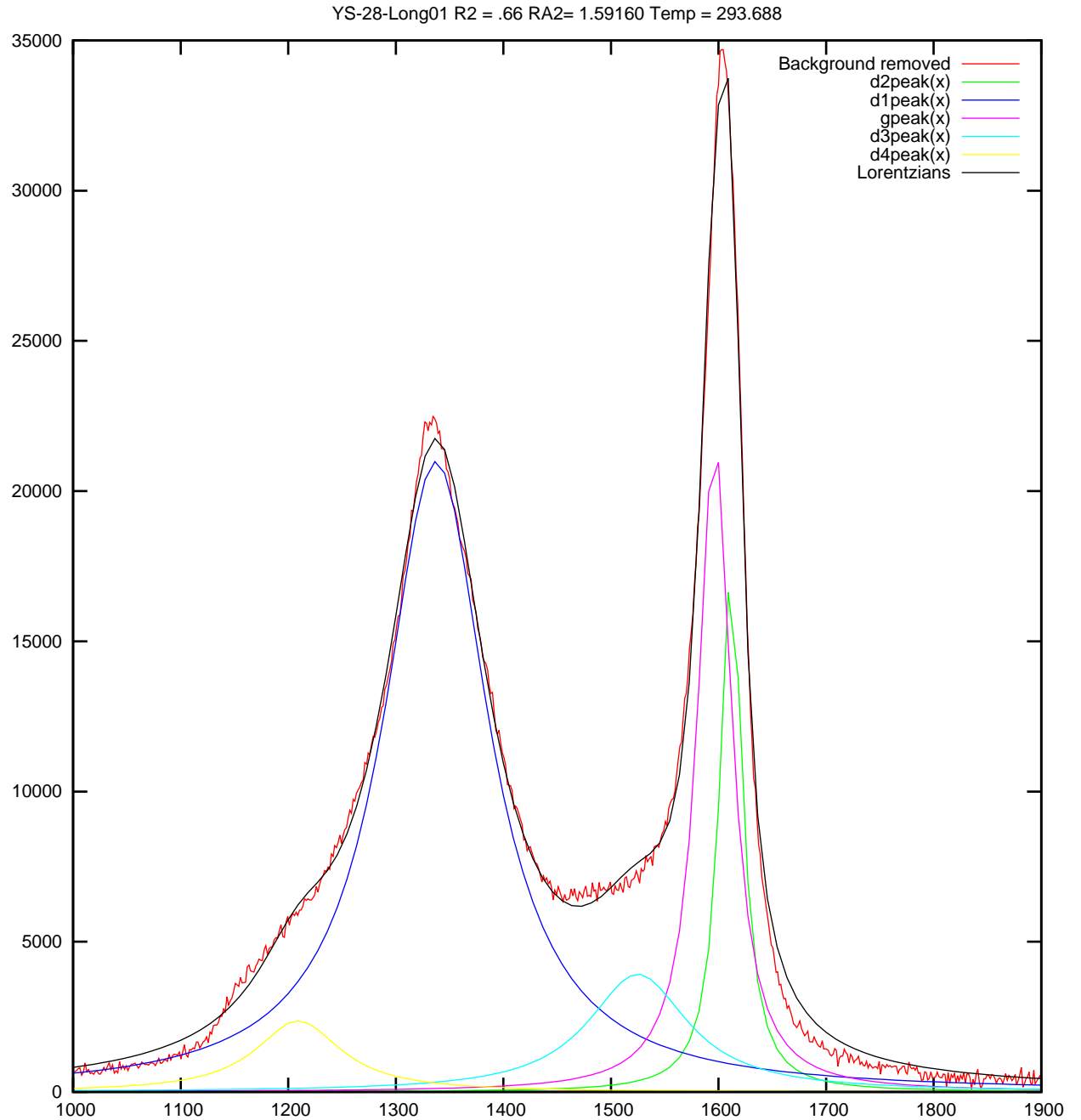
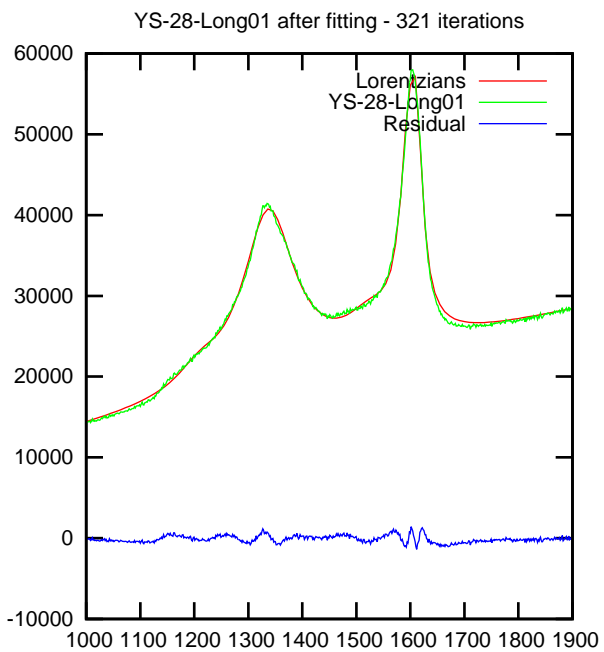
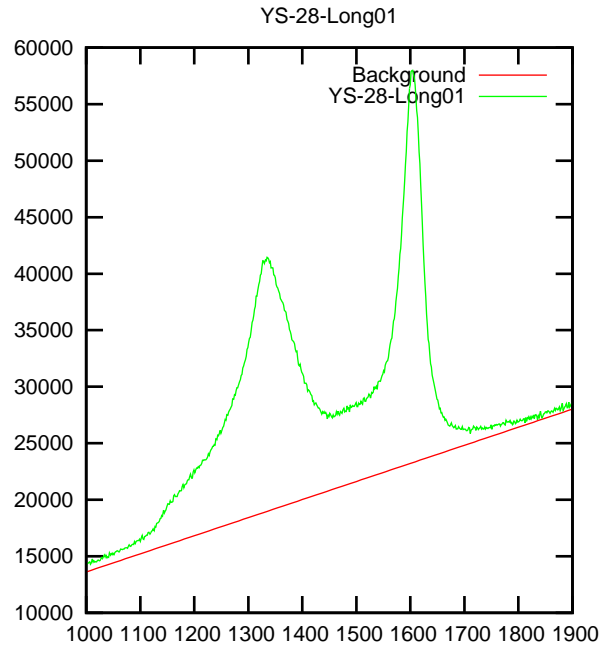


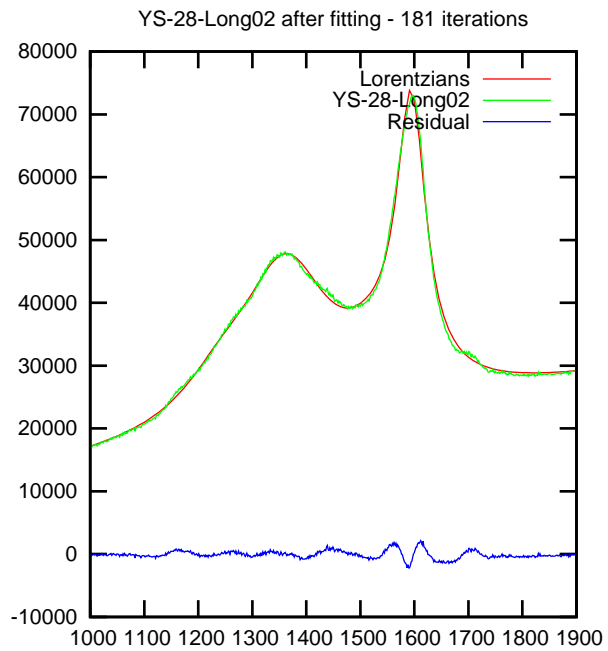
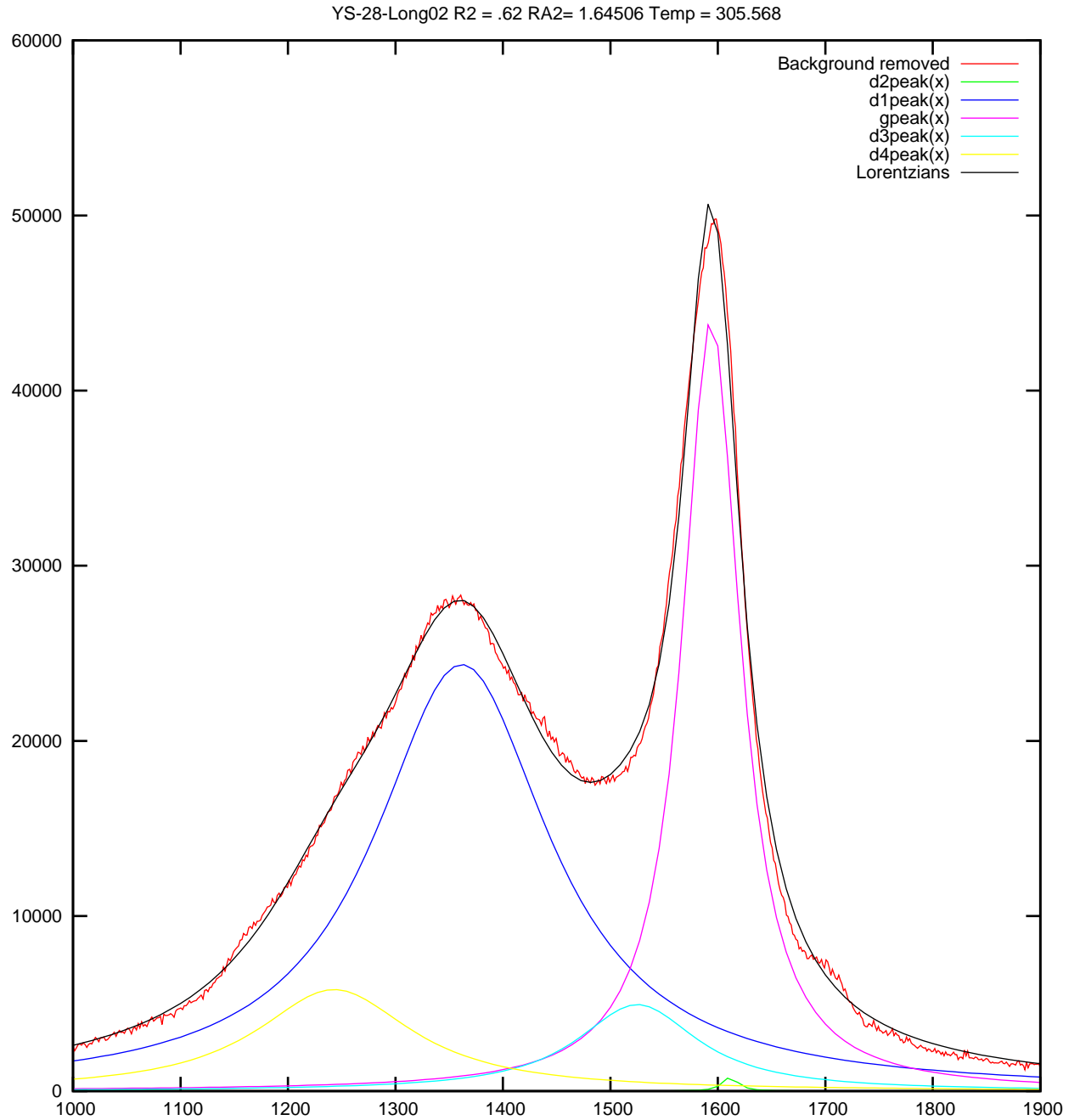
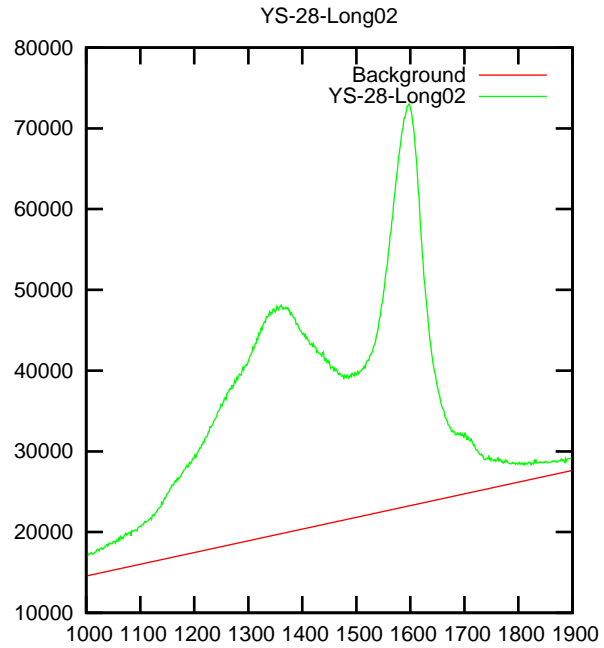
YS-26-Long9 = Noisy

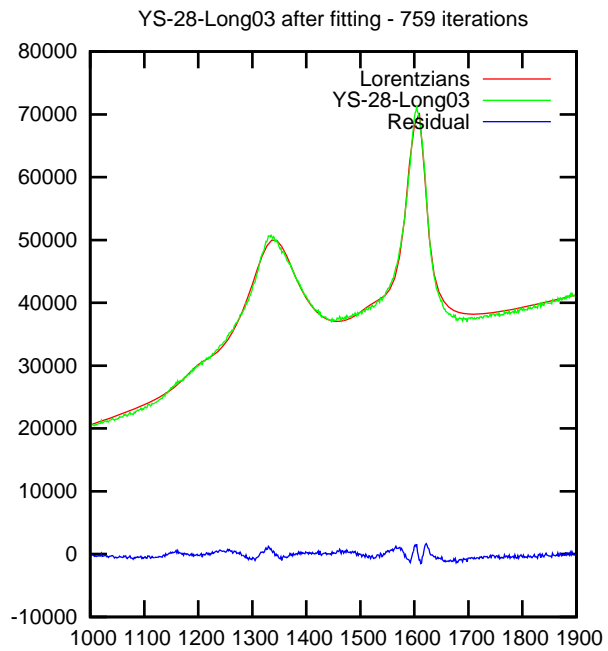
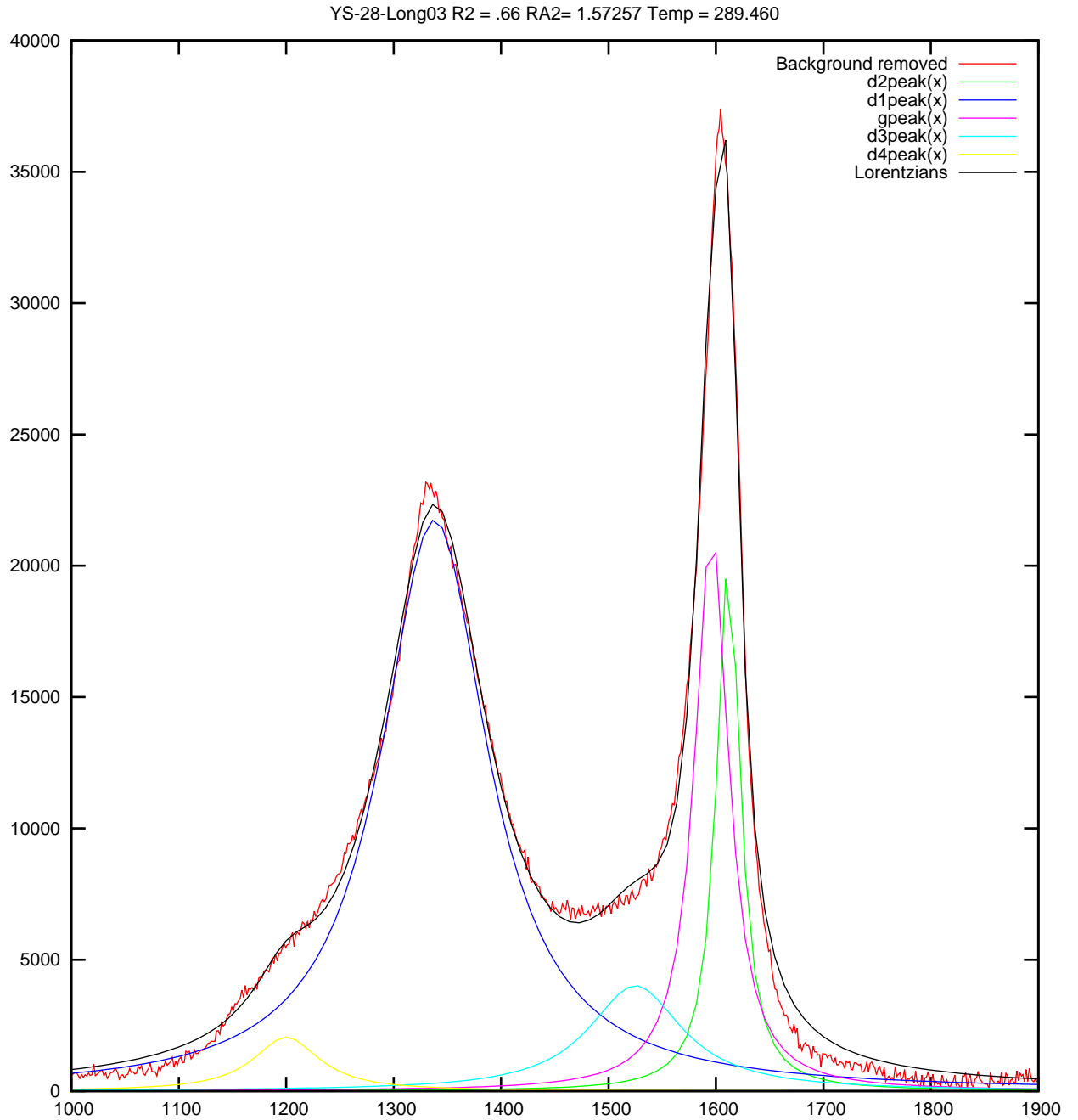
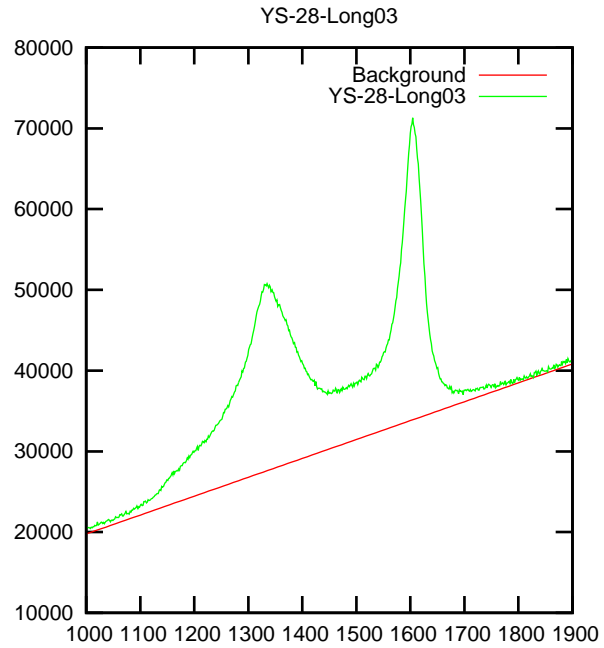


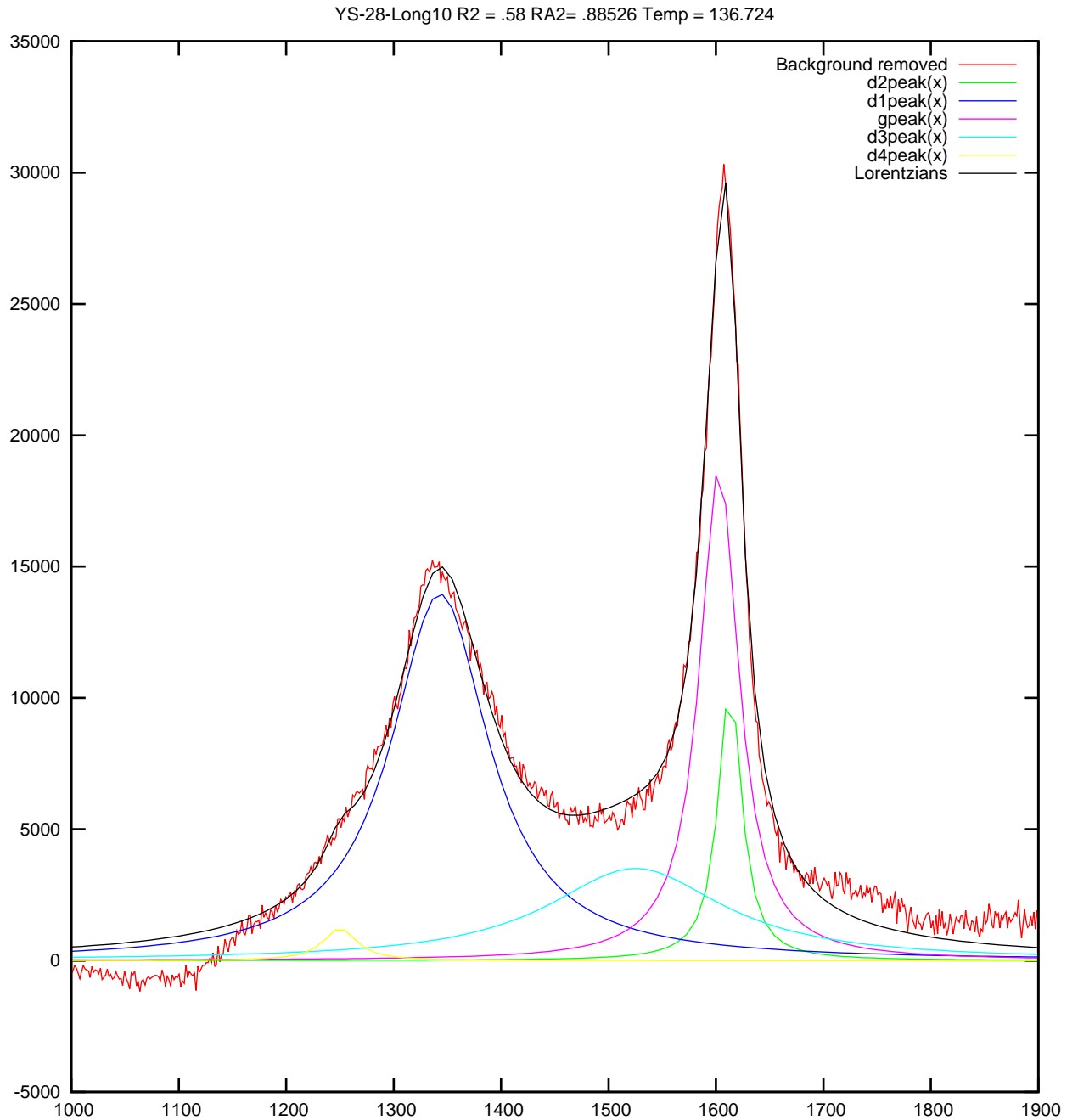
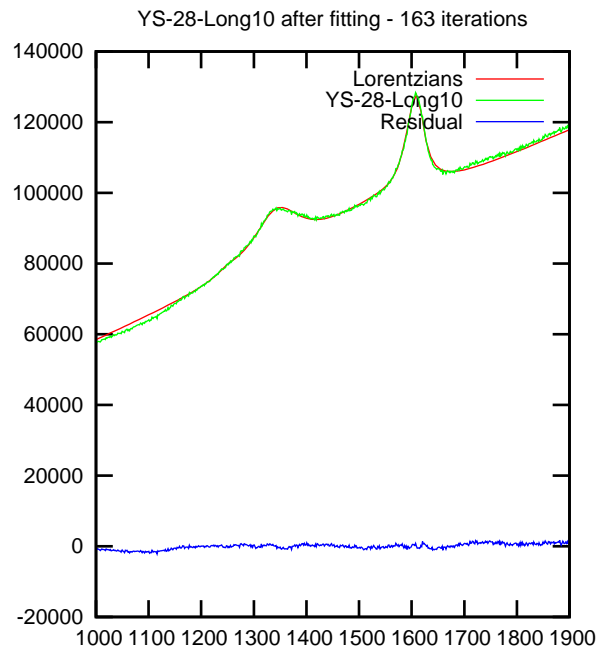
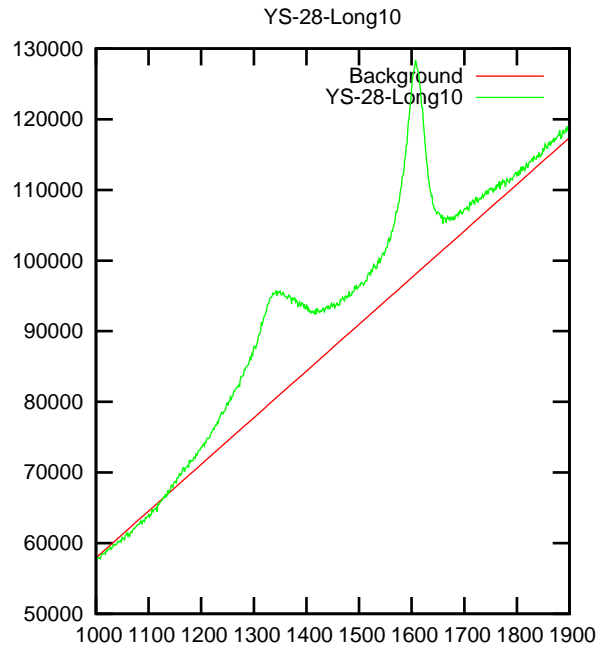
YS-28-Long00 = Noisy

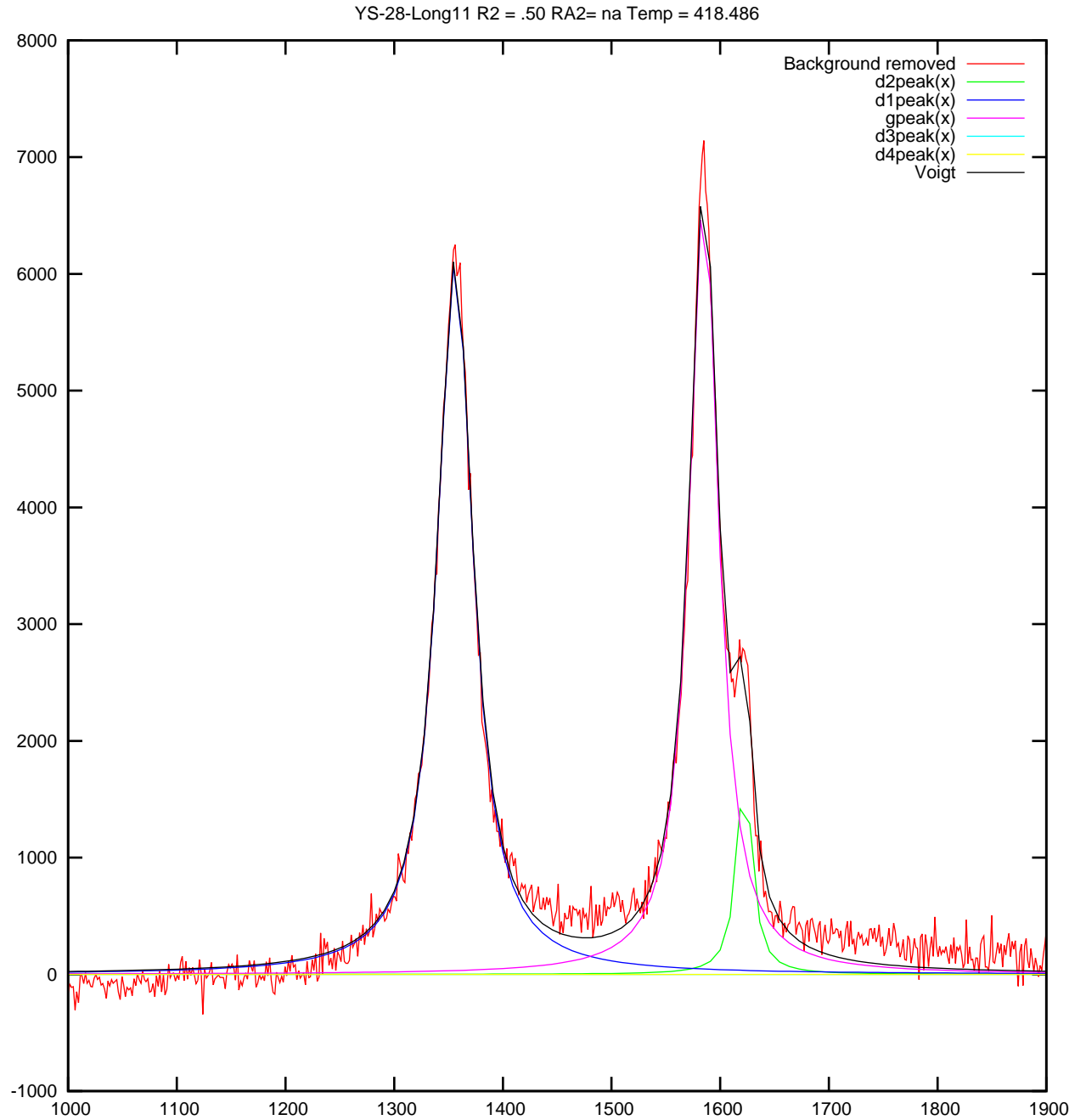
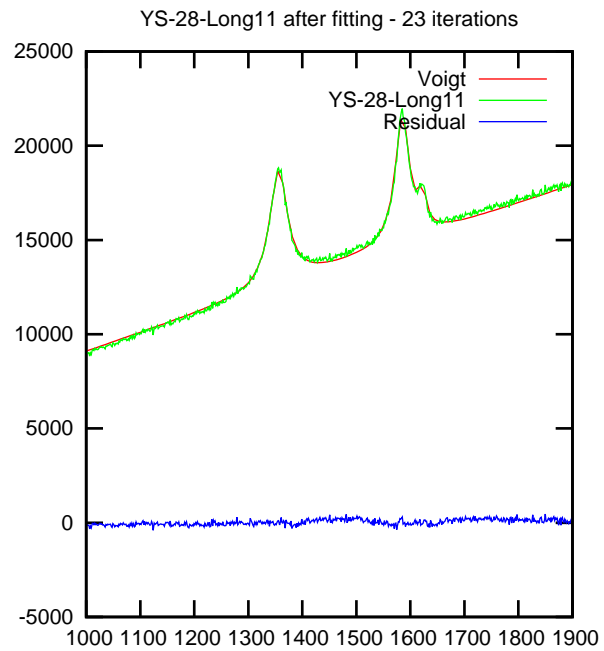
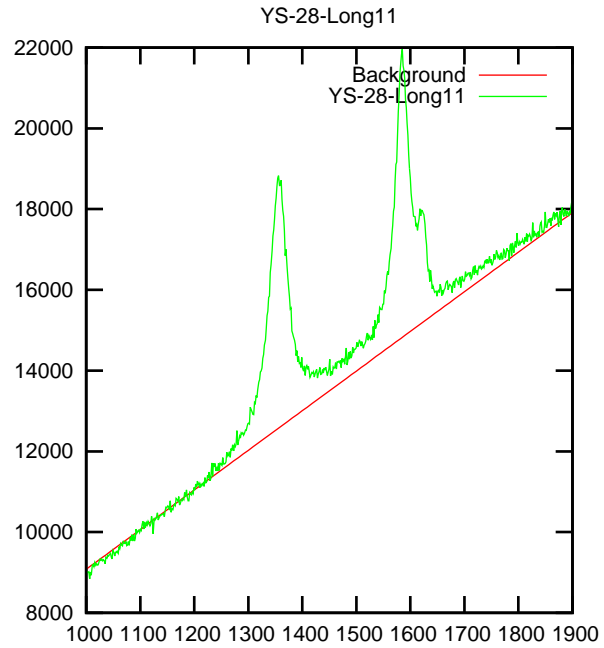


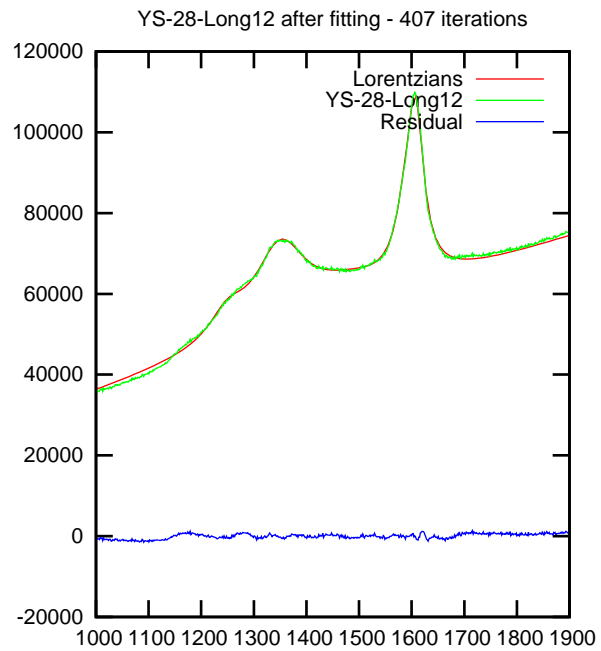
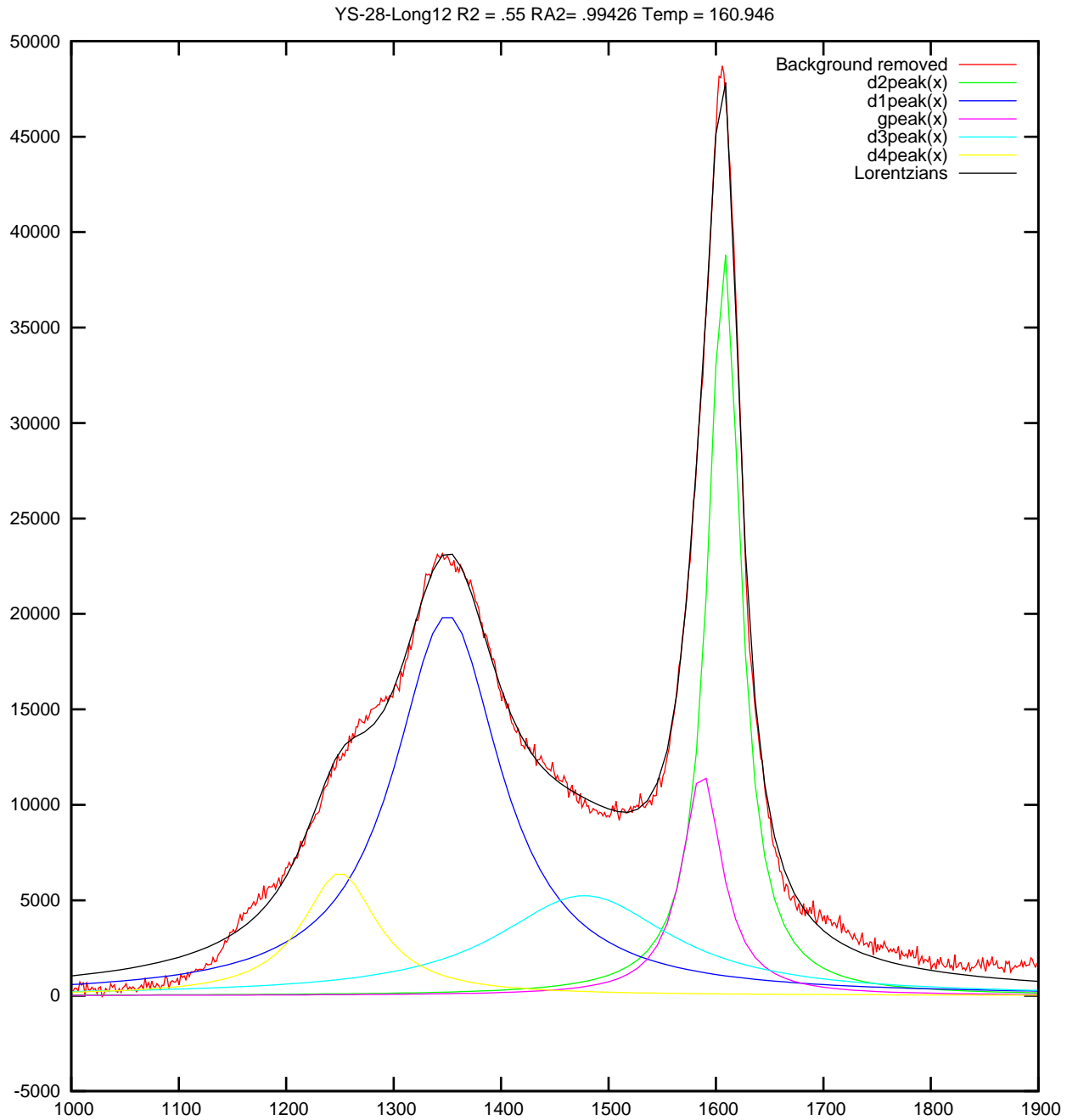
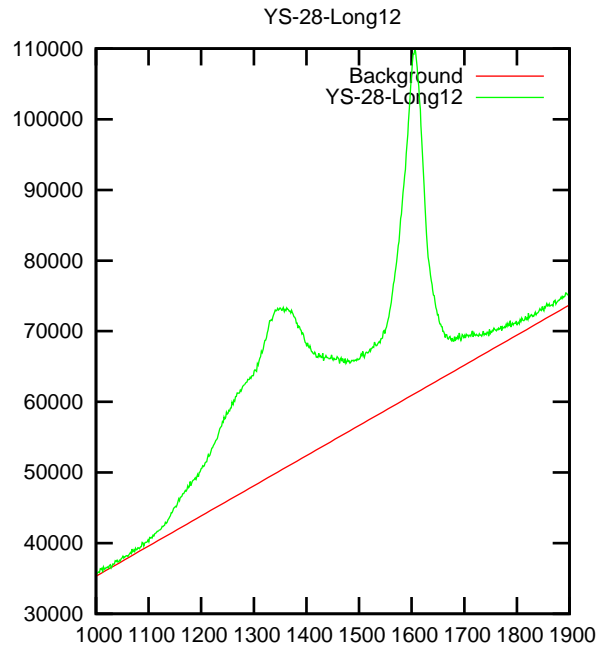




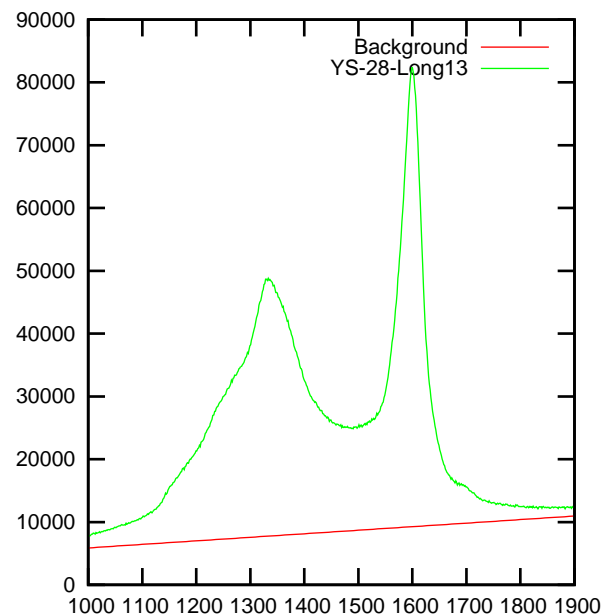




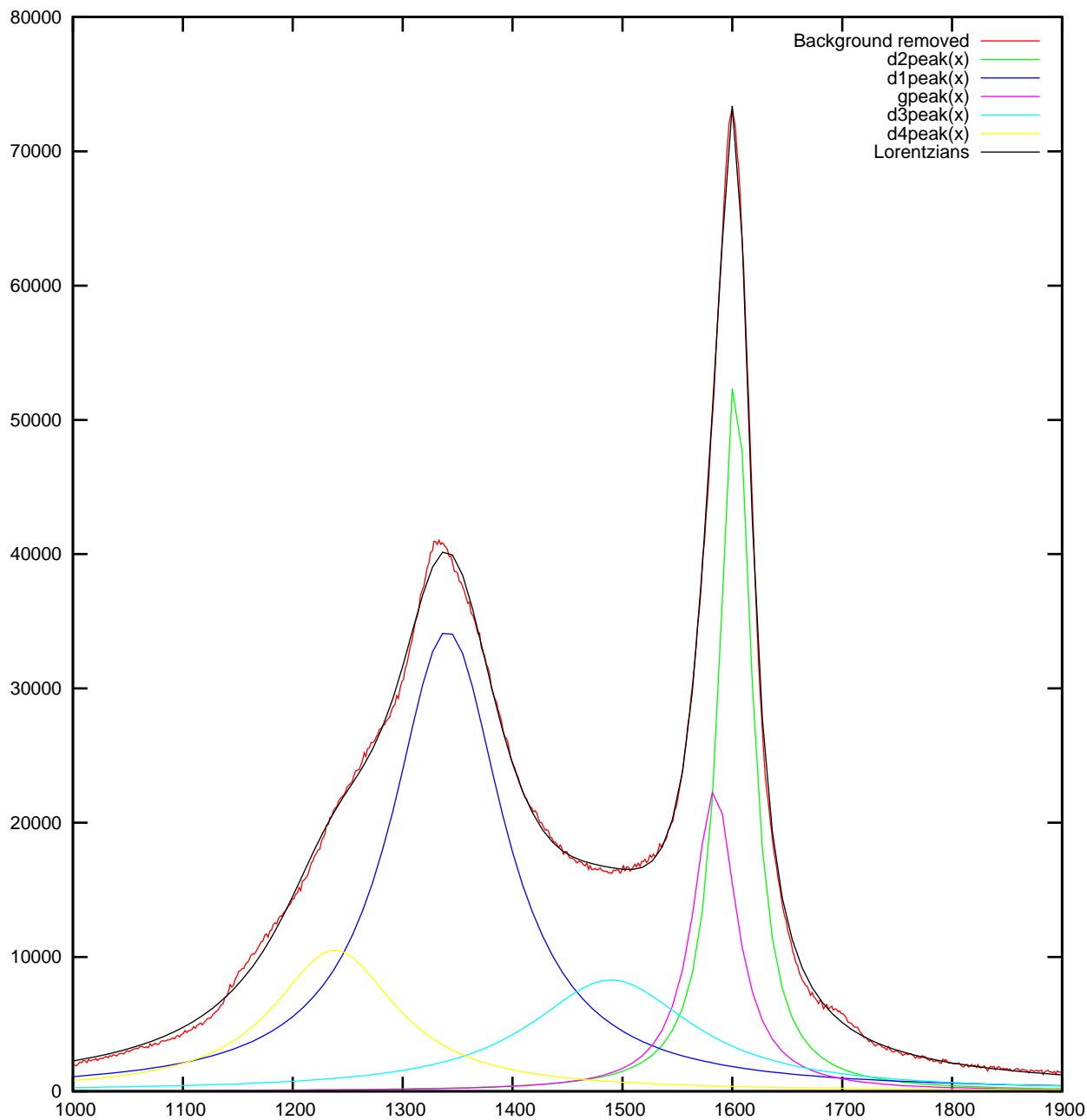




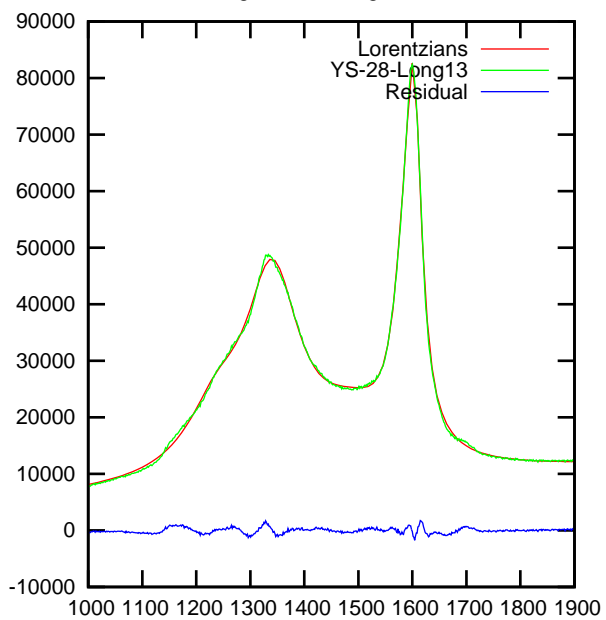
YS-28-Long13



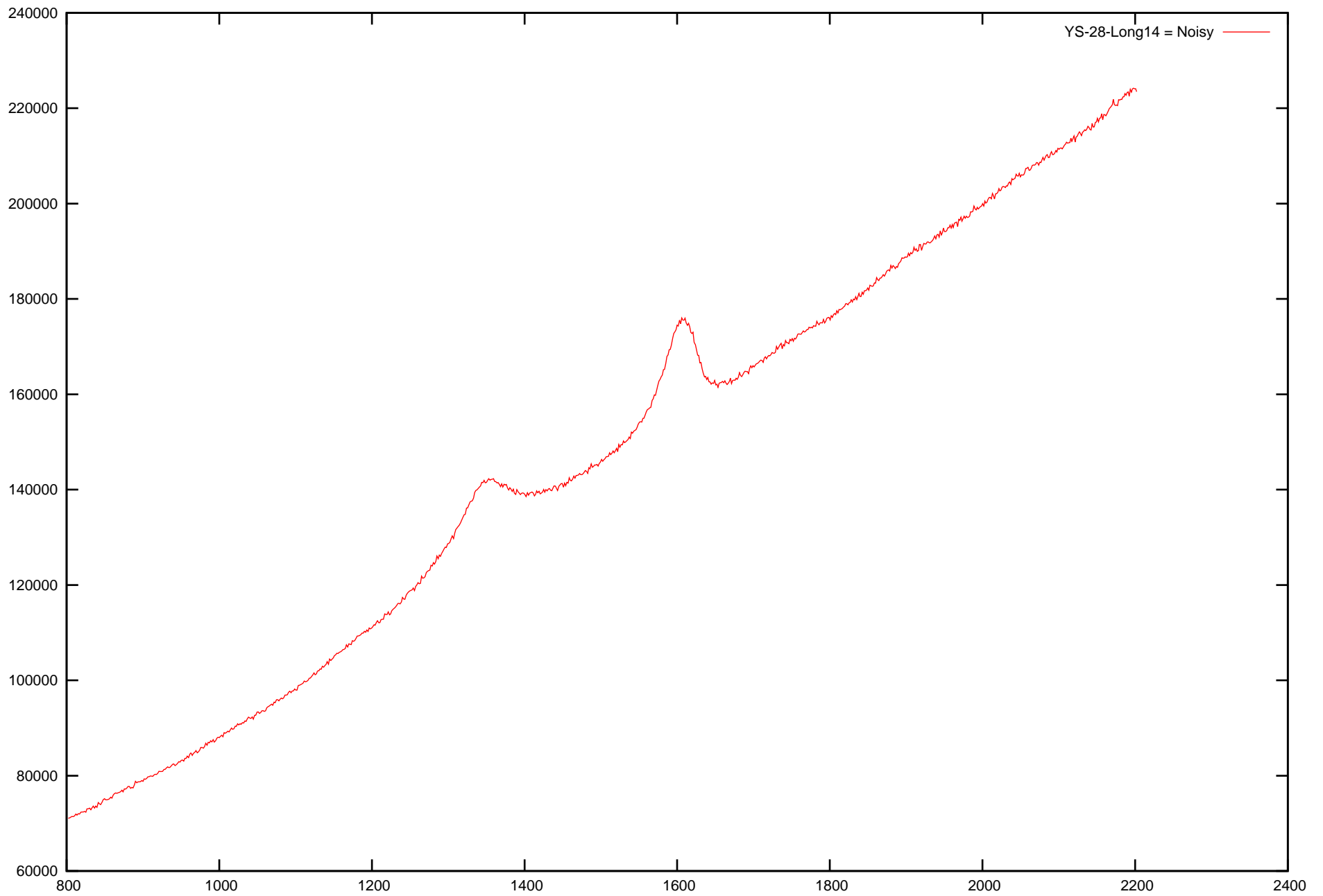
YS-28-Long13 R2 = .58 RA2= 1.27496 Temp = 223.324

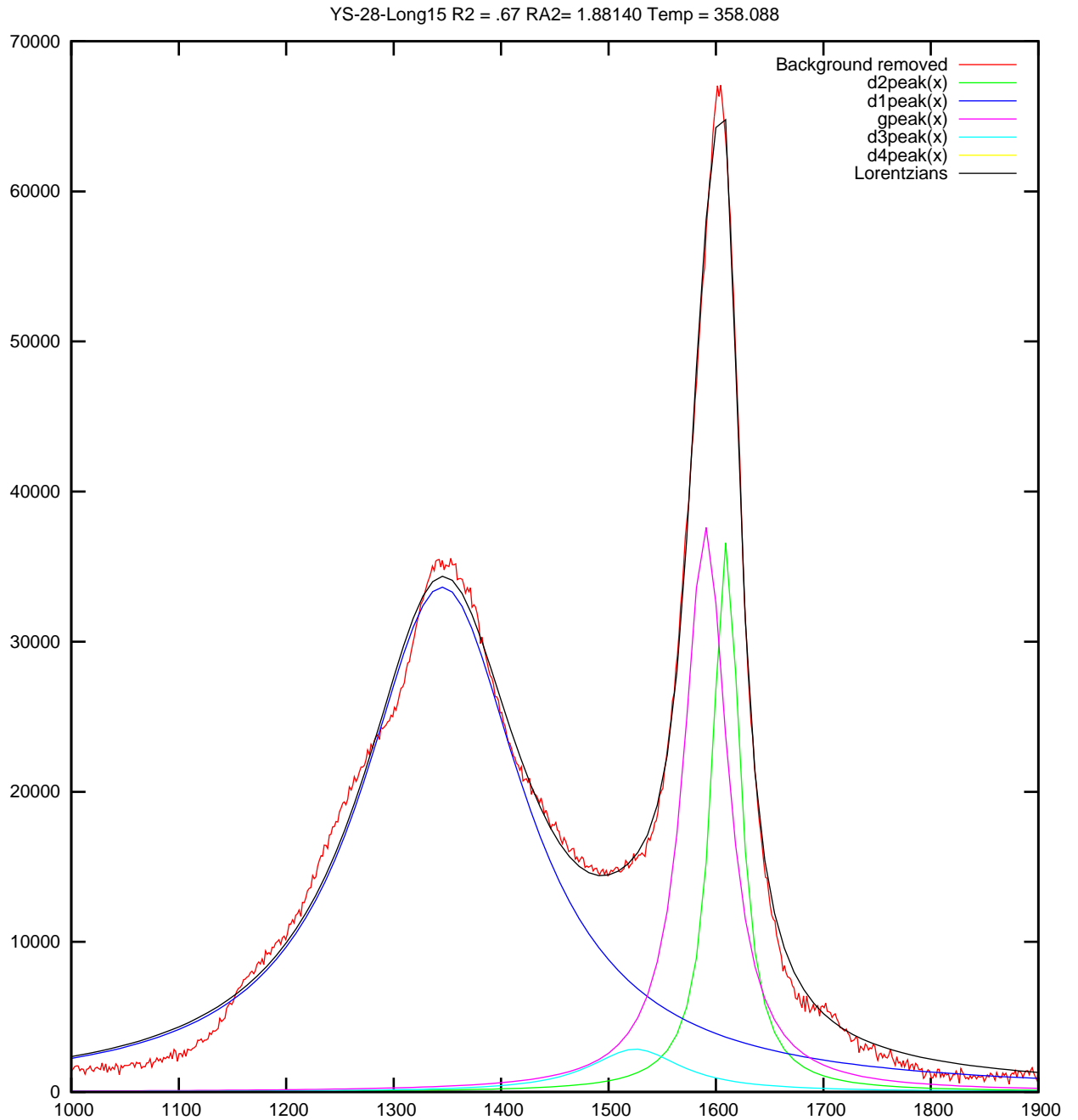
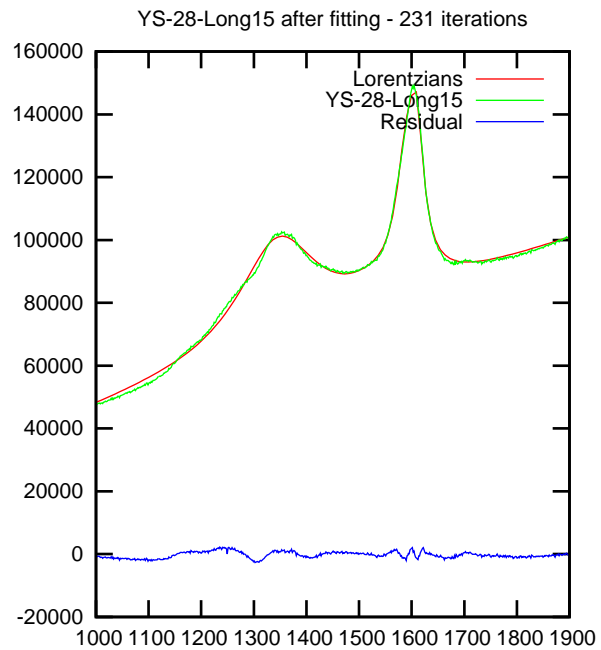
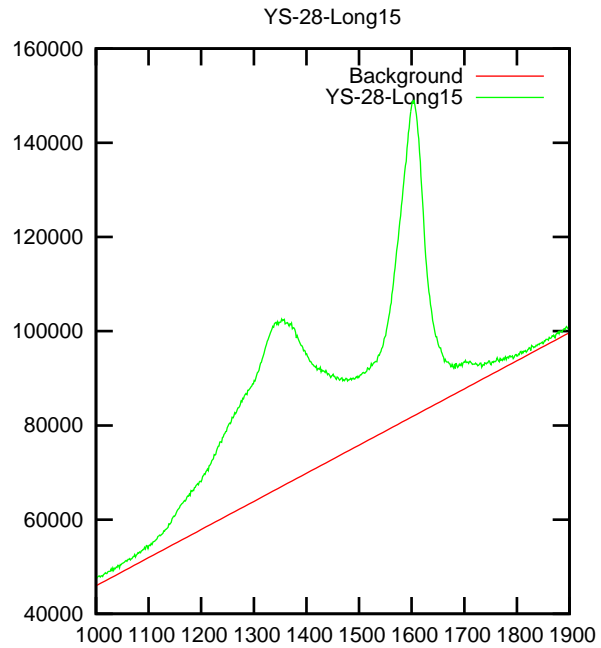


YS-28-Long13 after fitting - 264 iterations

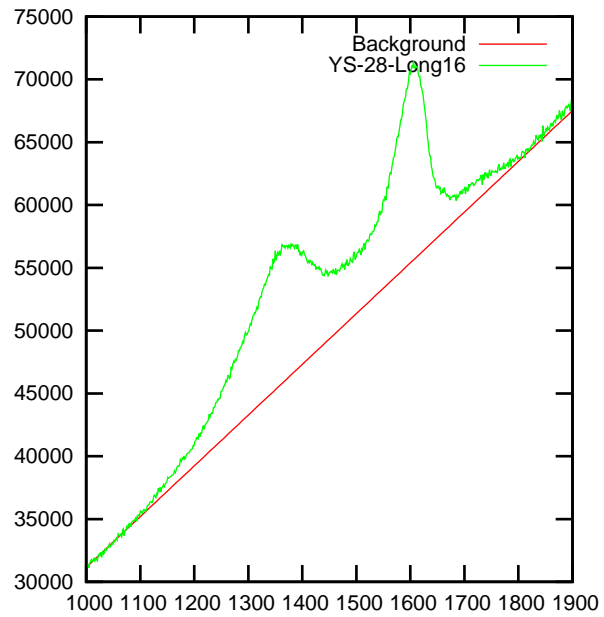


YS-28-Long14 = Noisy

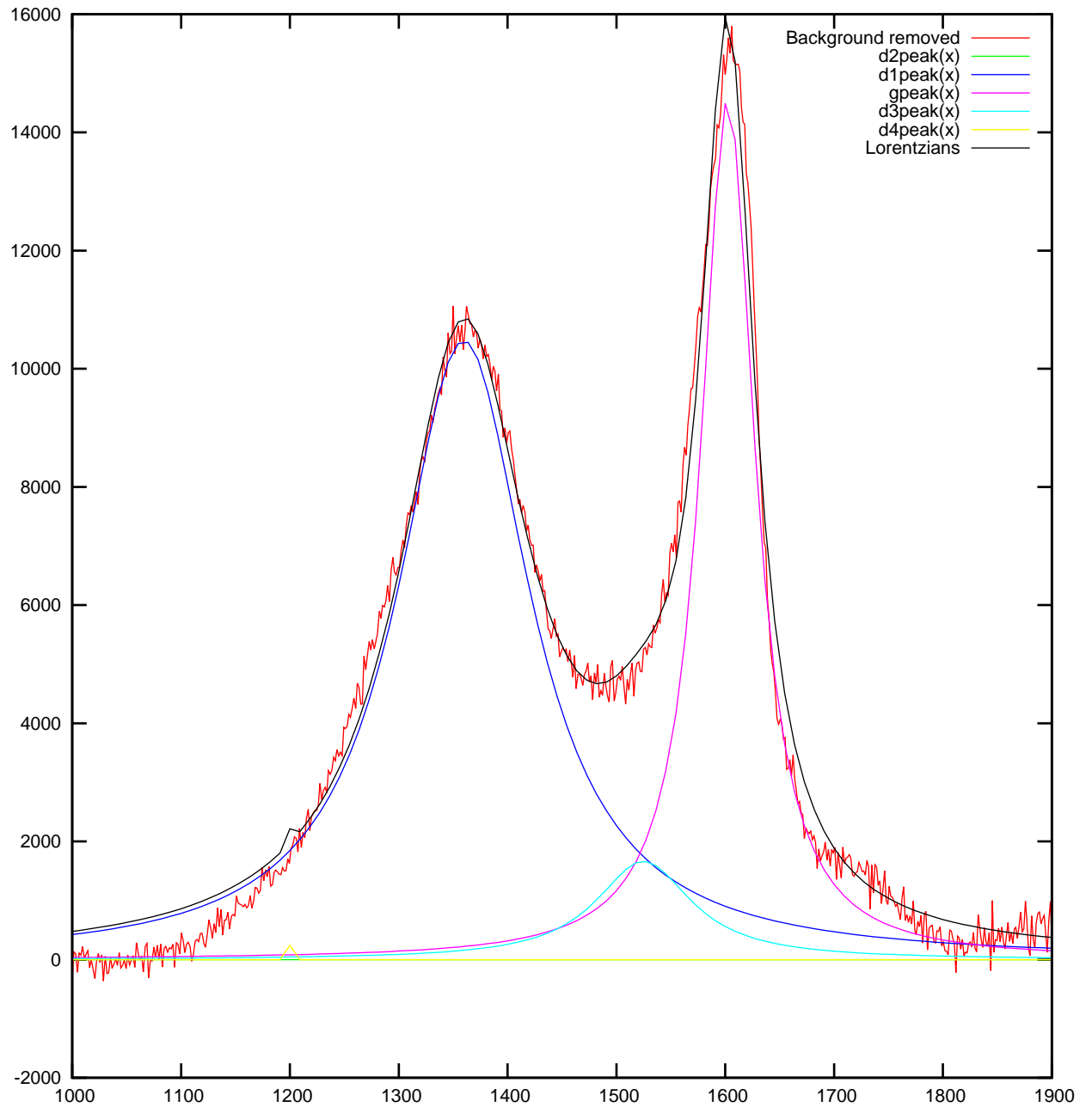




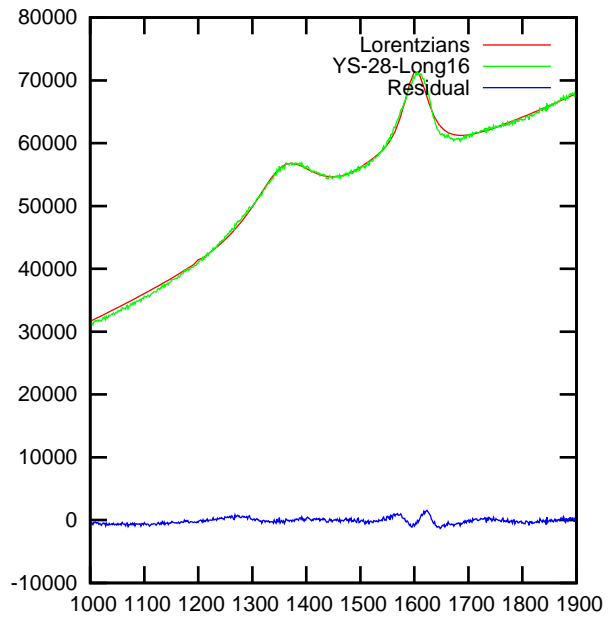
YS-28-Long16

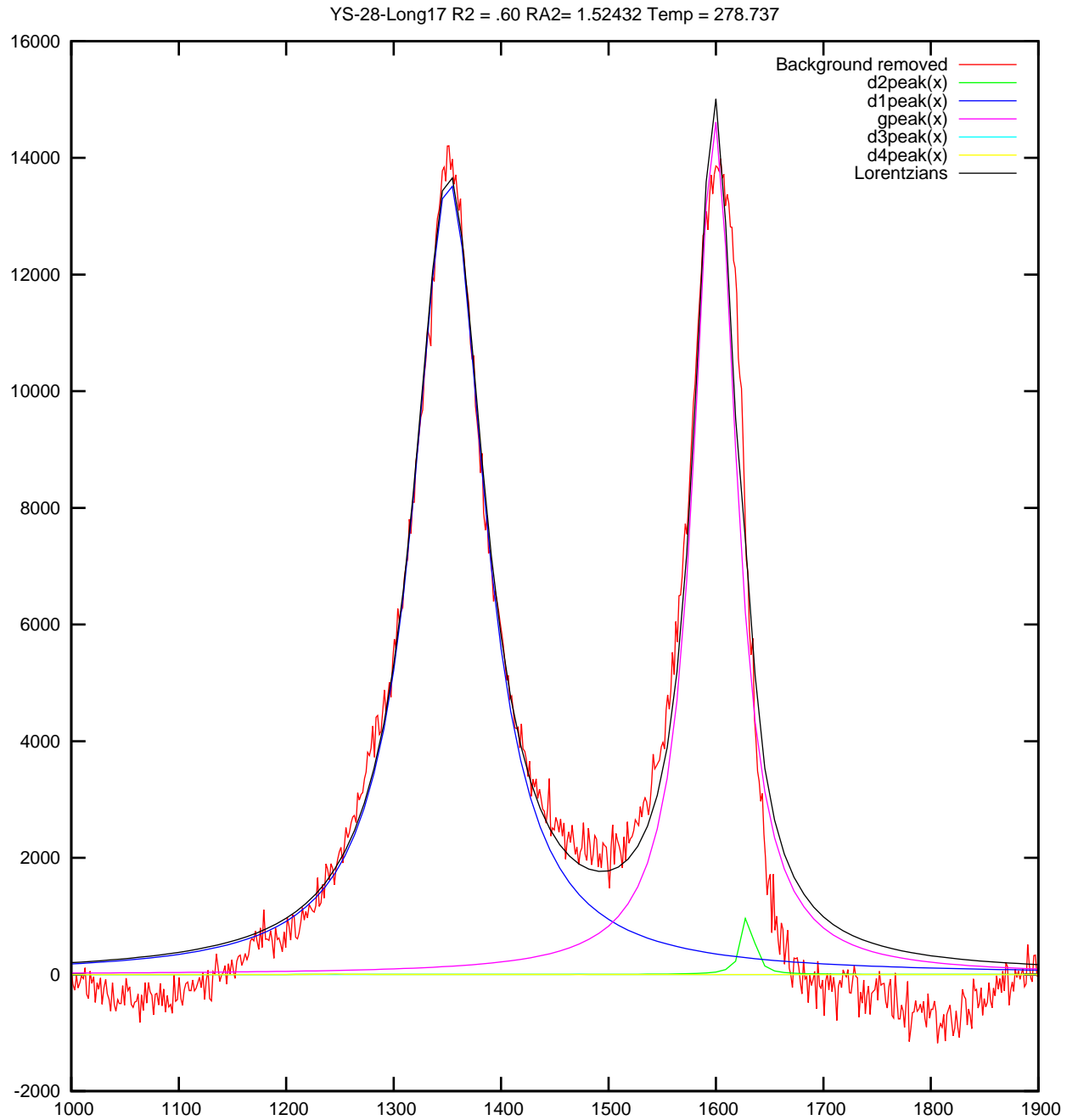
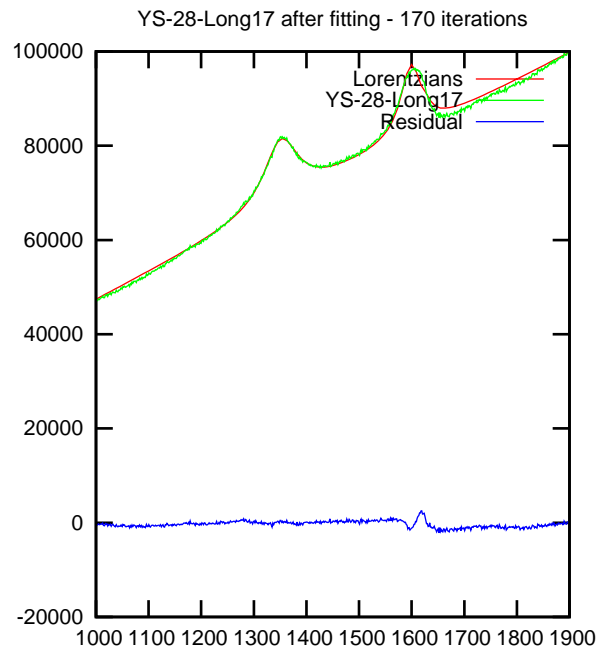
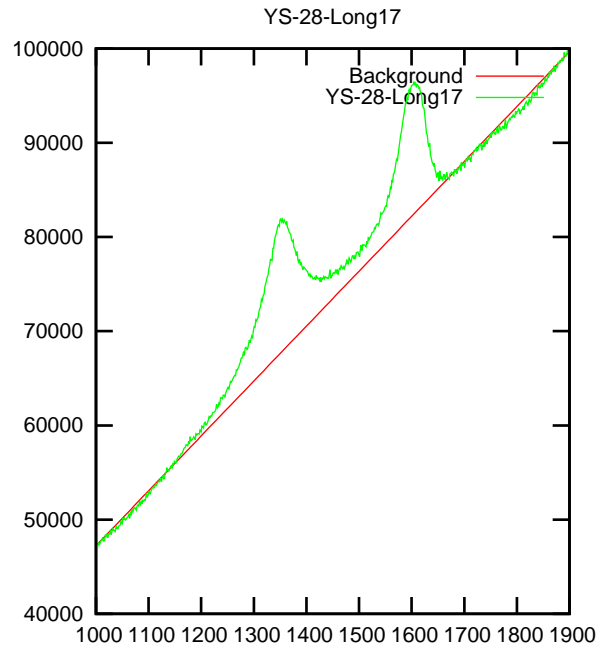


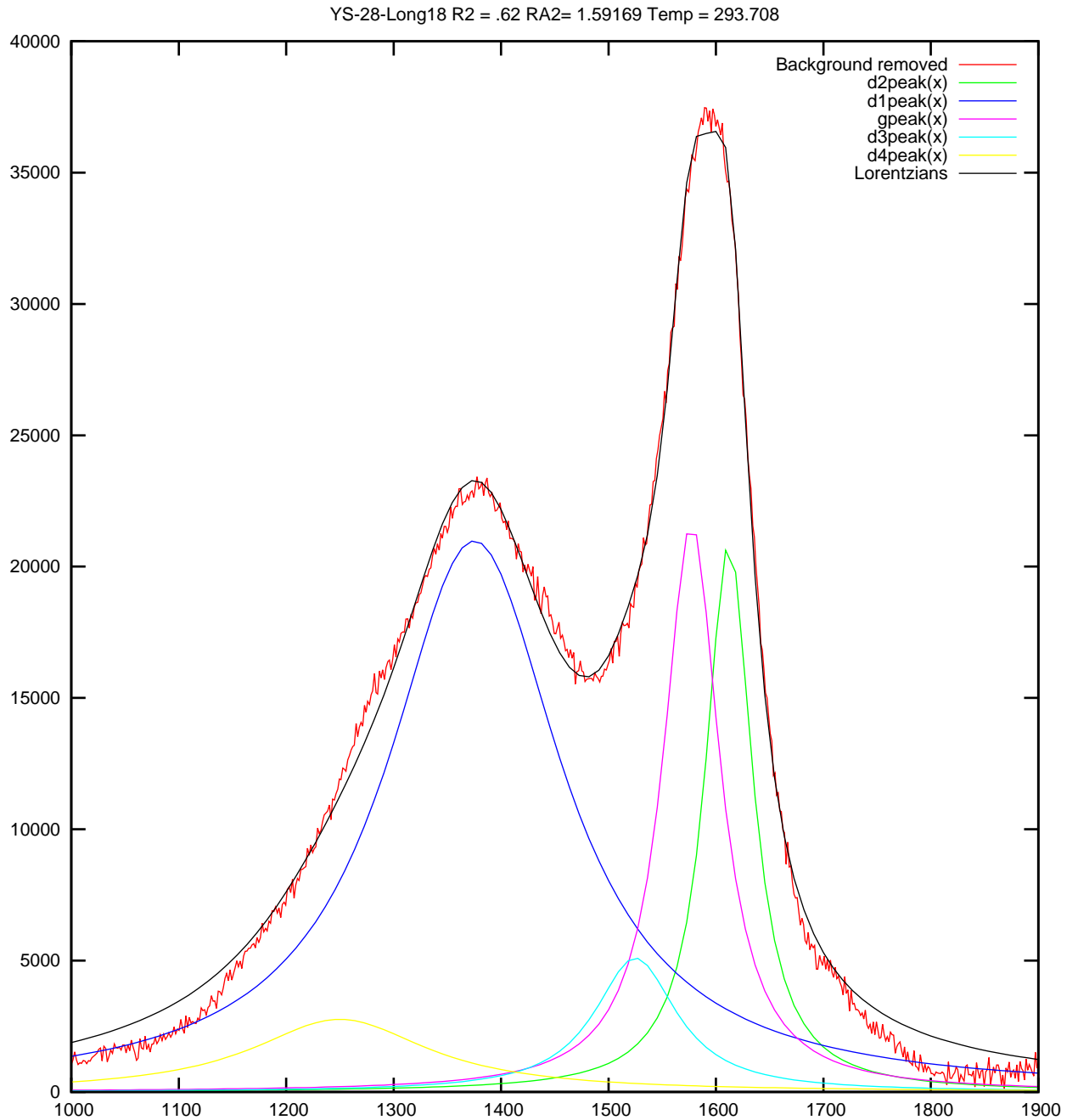
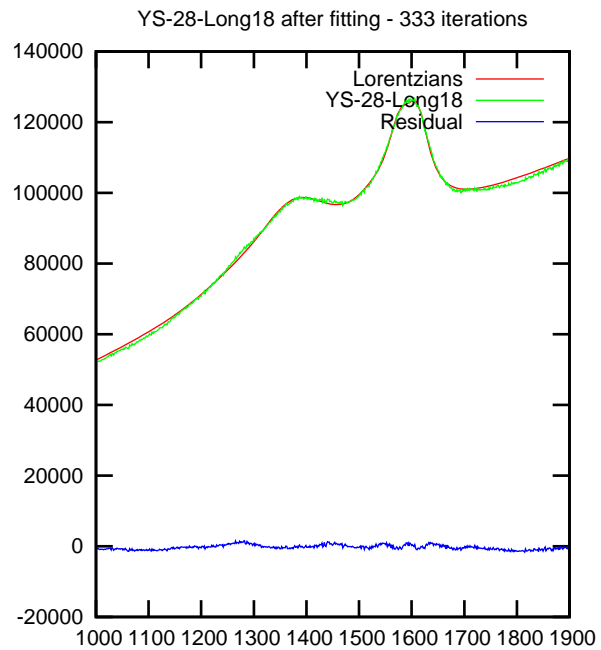
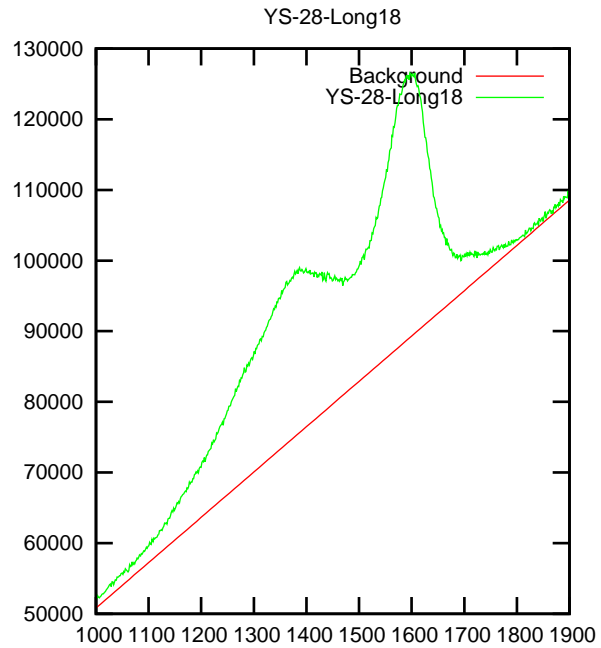
YS-28-Long16 R2 = .63 RA2= 1.46194 Temp = 264.875



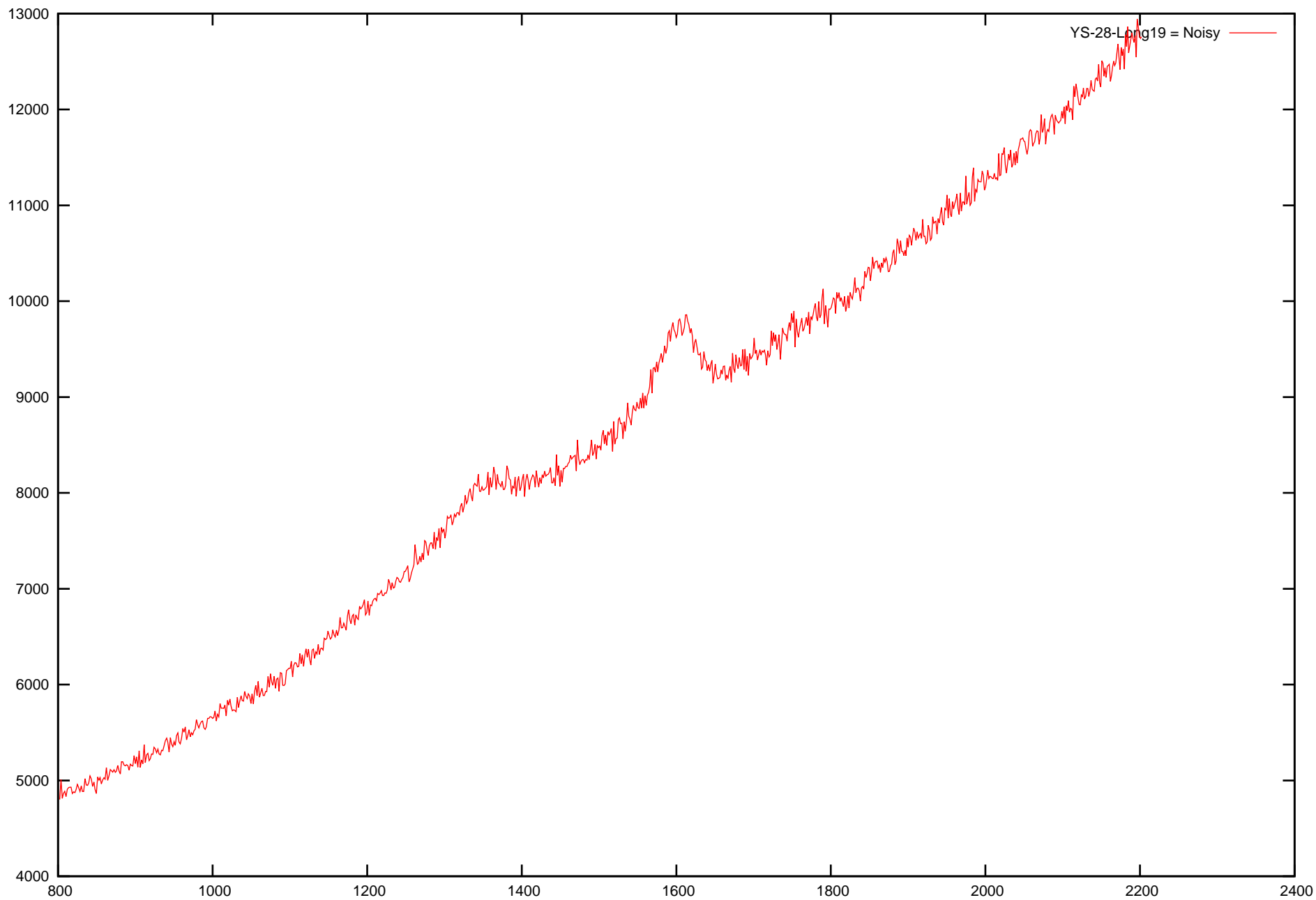
YS-28-Long16 after fitting - 293 iterations

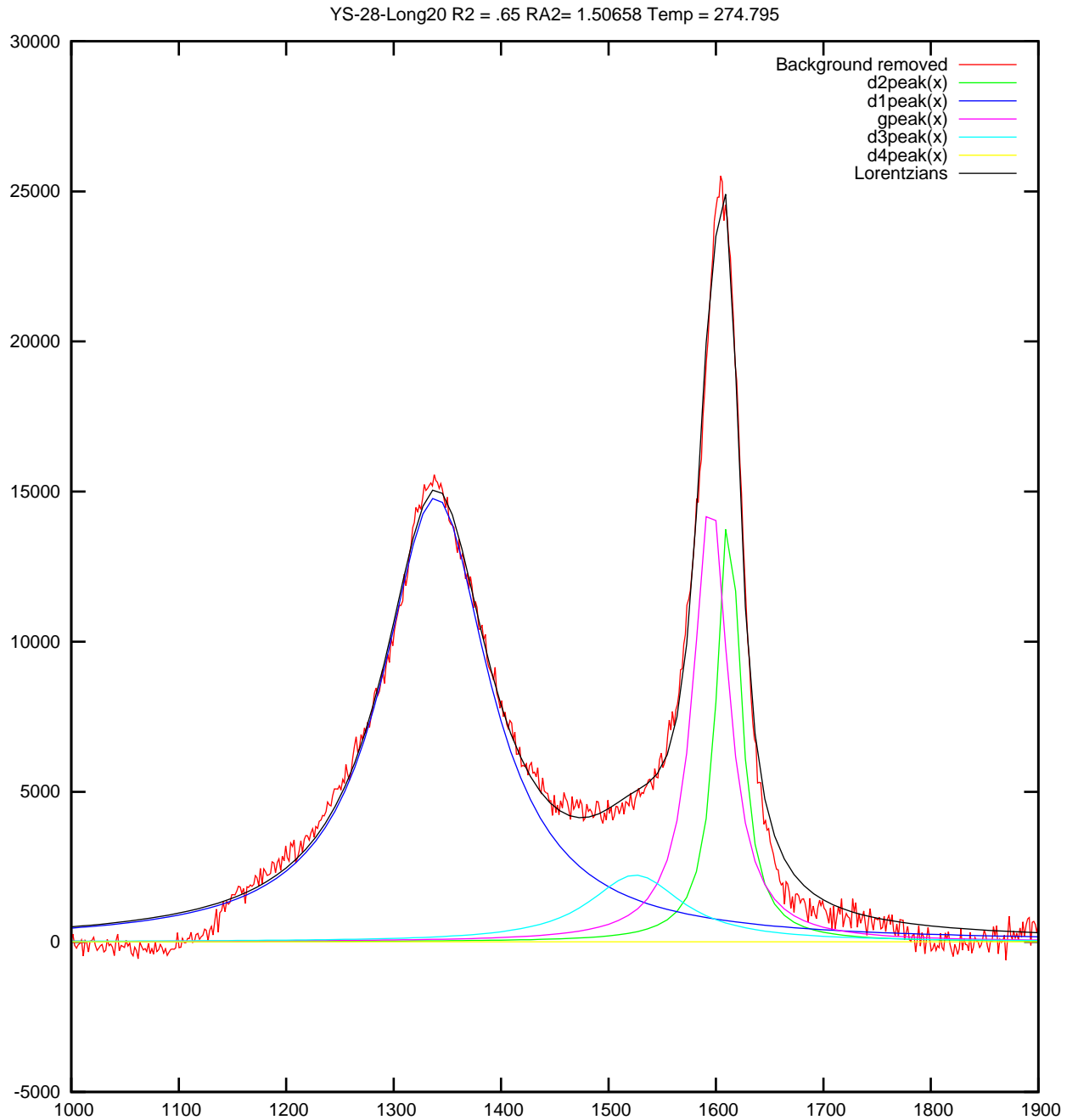
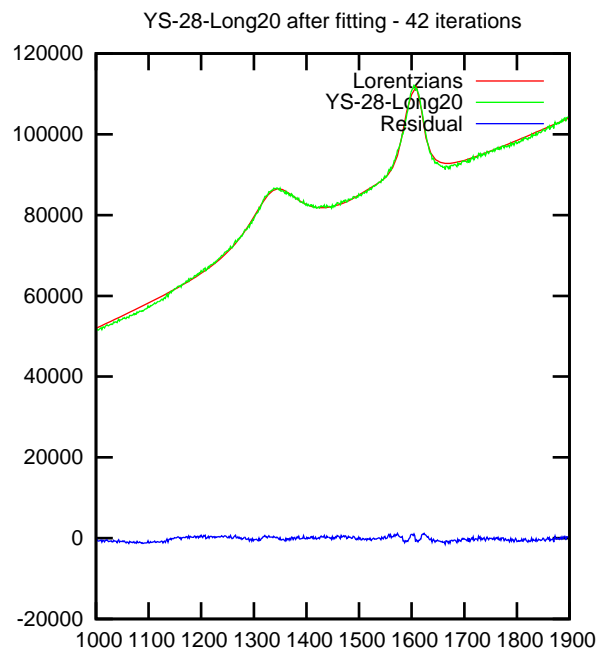
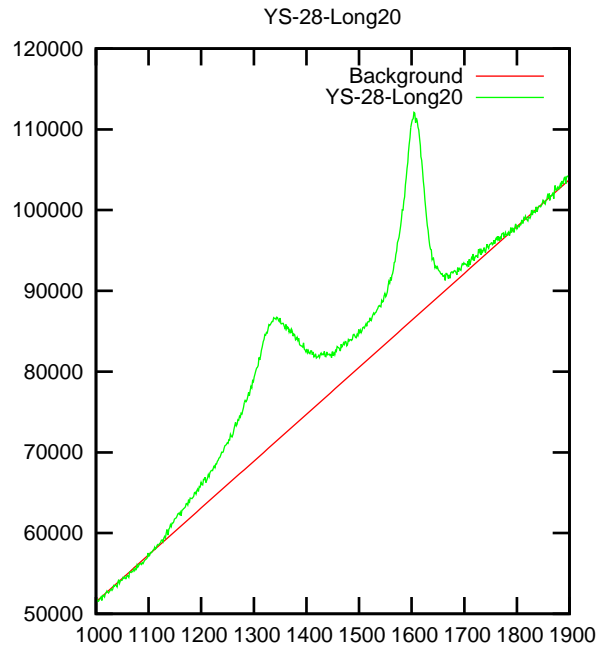


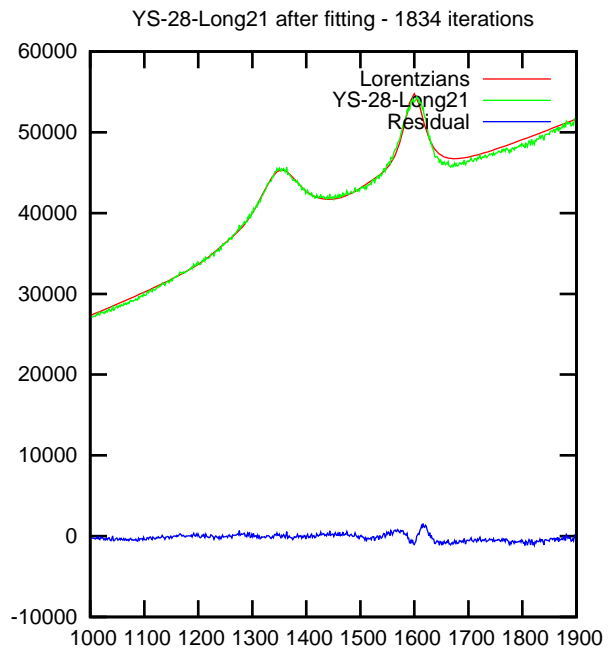
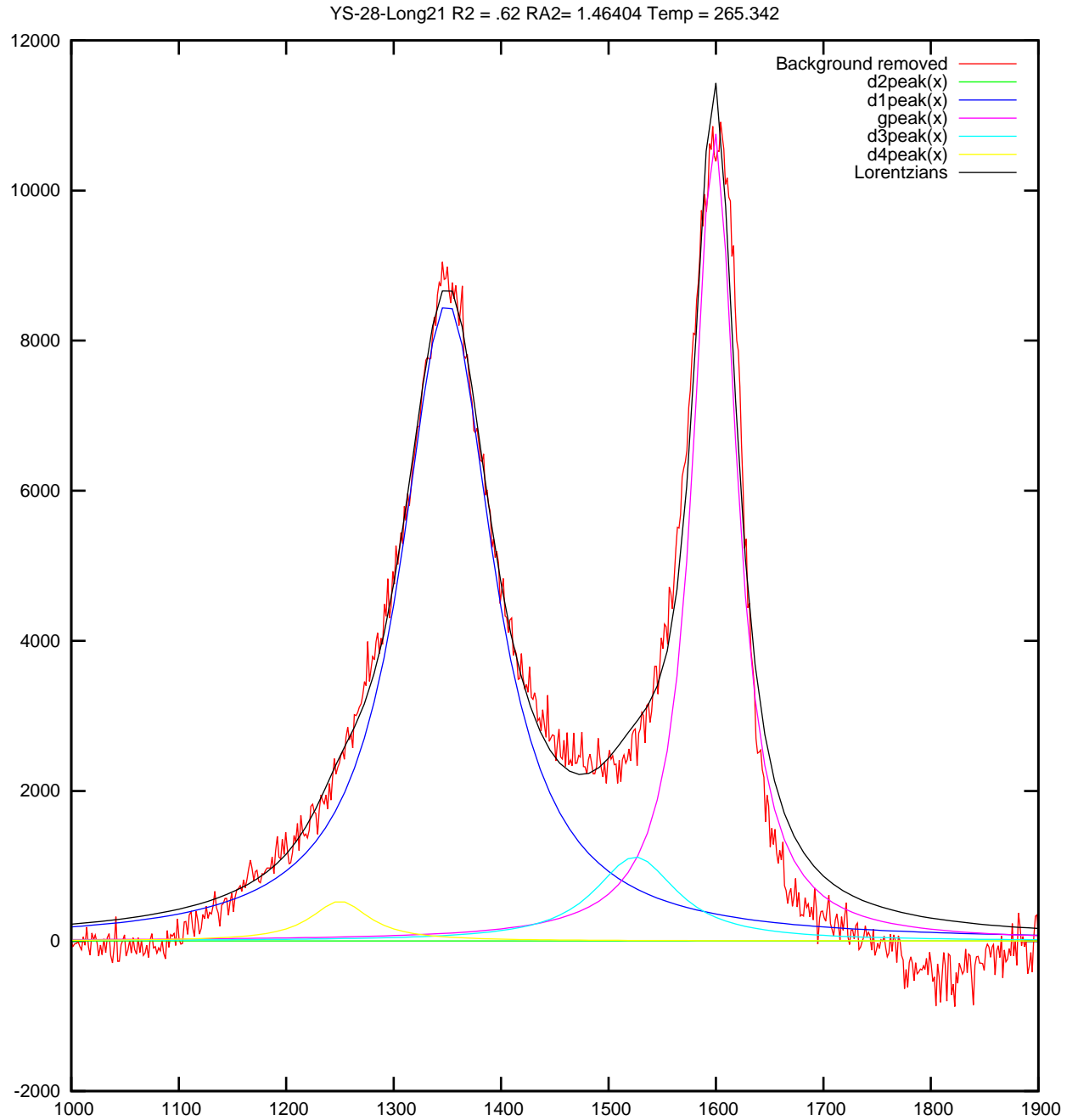
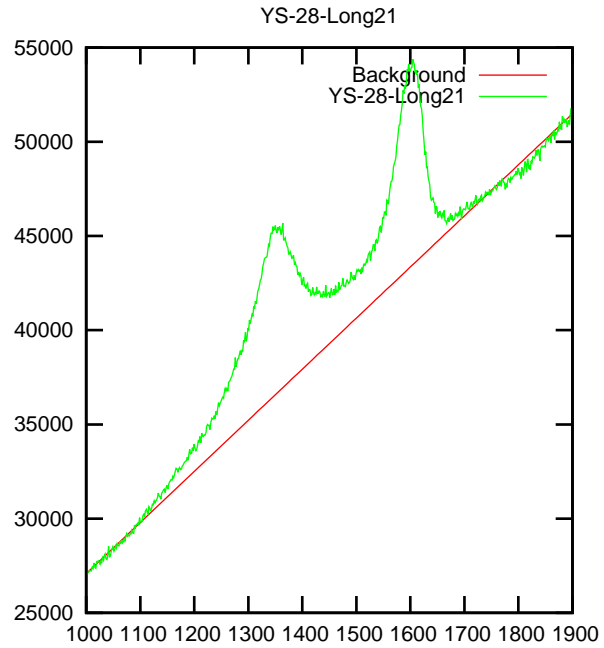




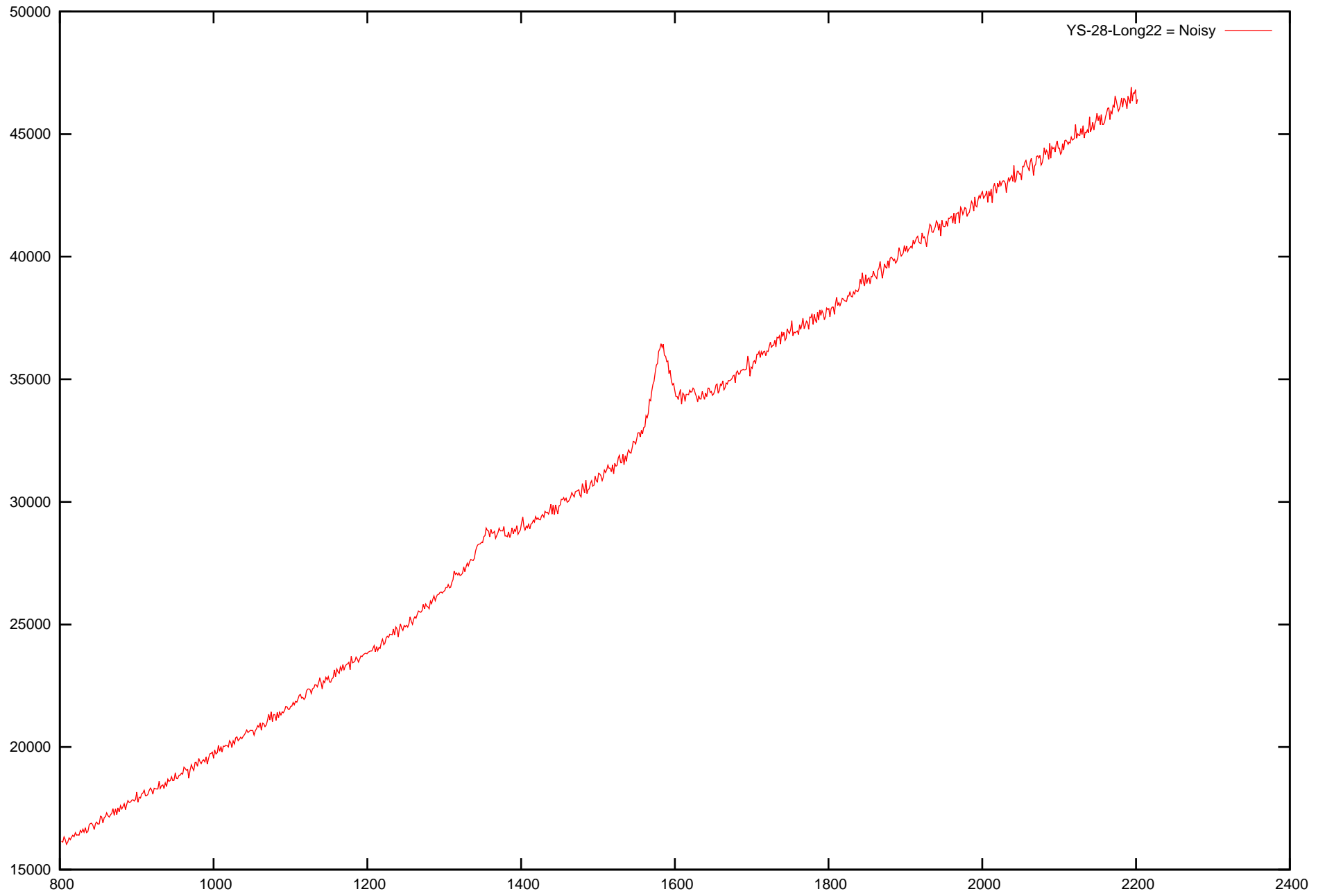
YS-28-Long19 = Noisy

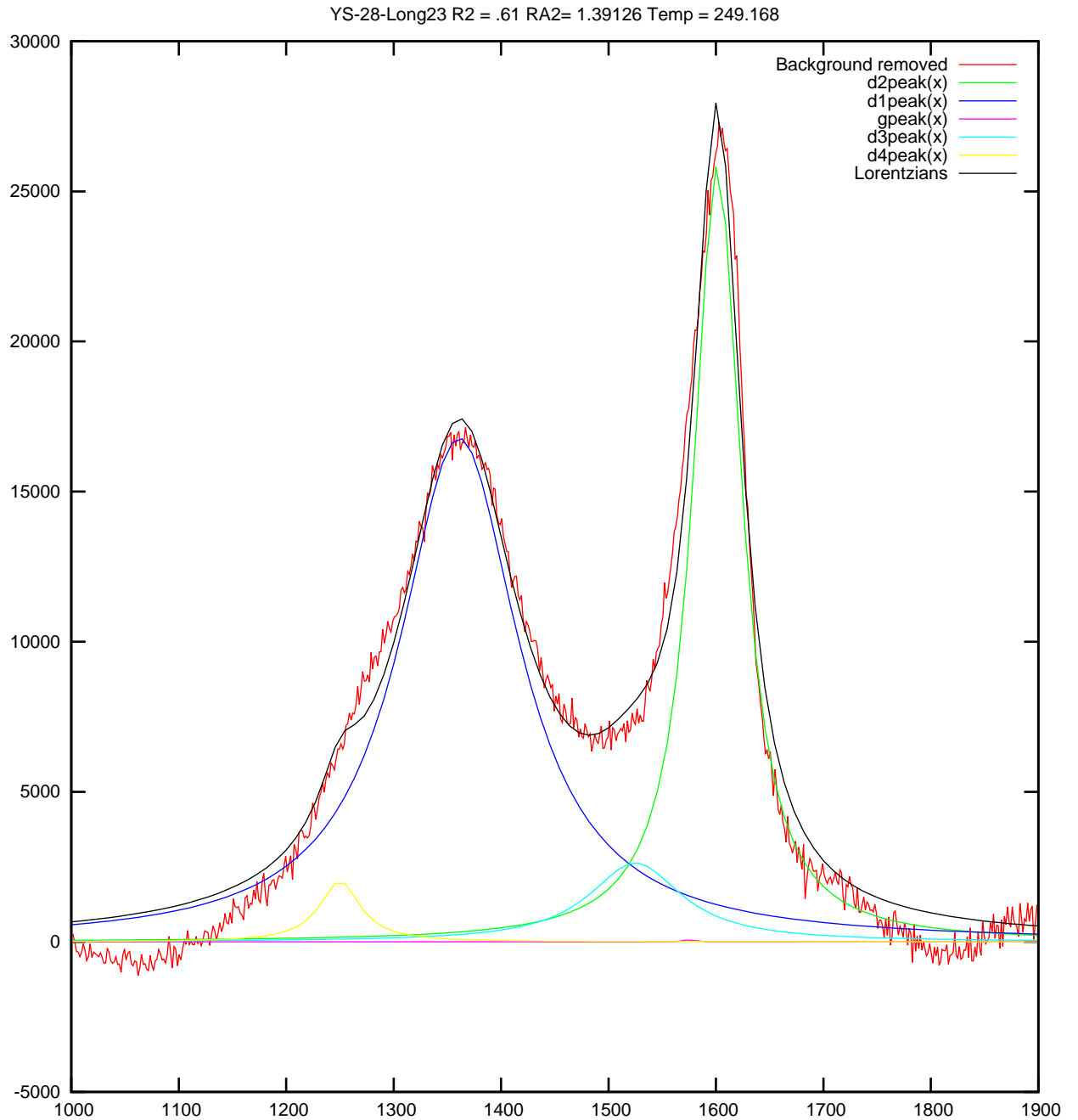
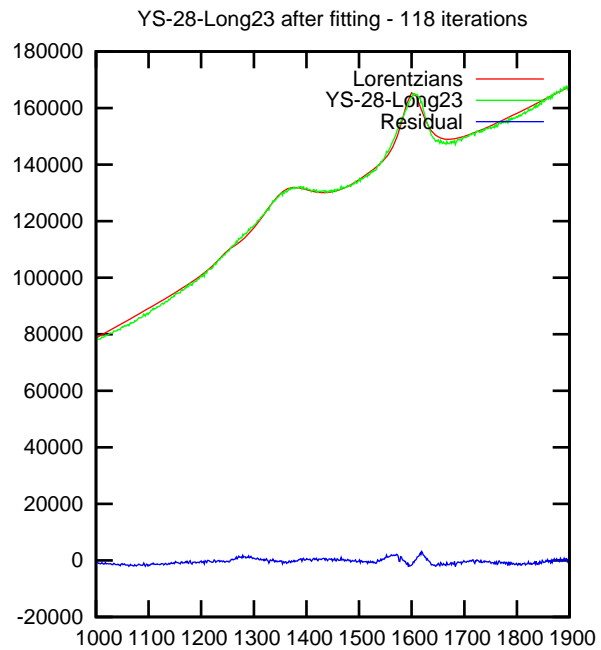
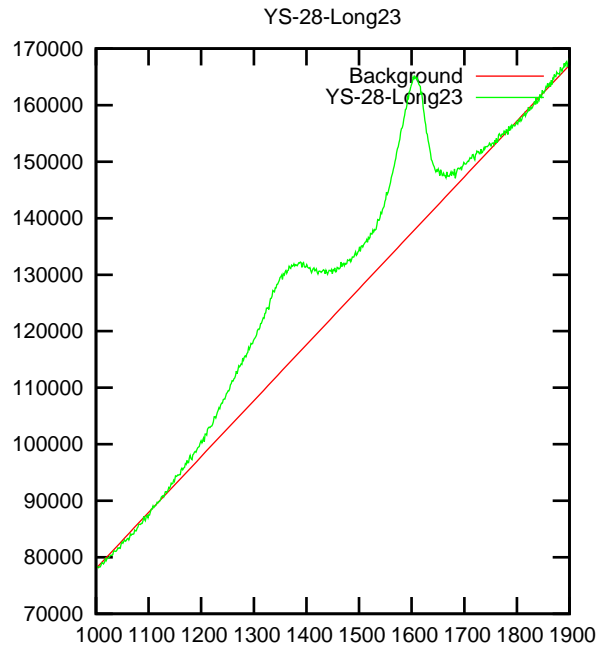


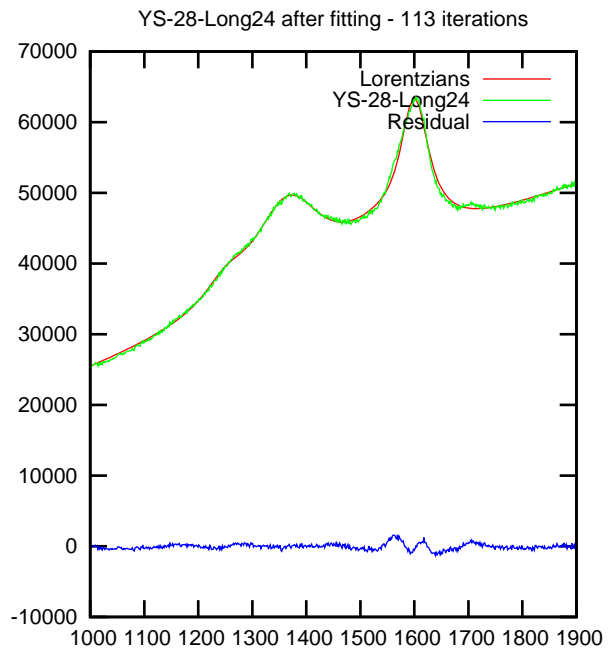
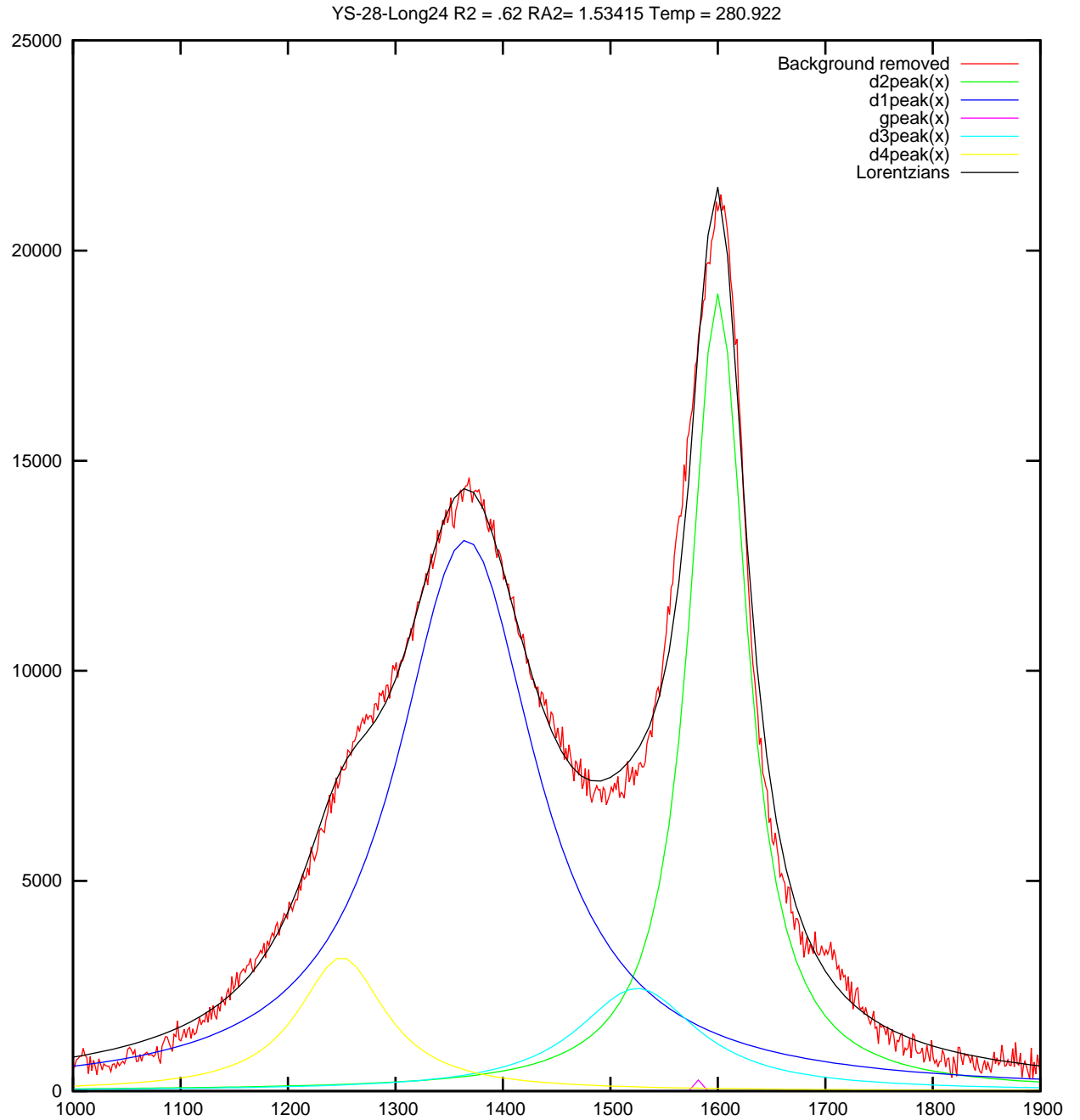
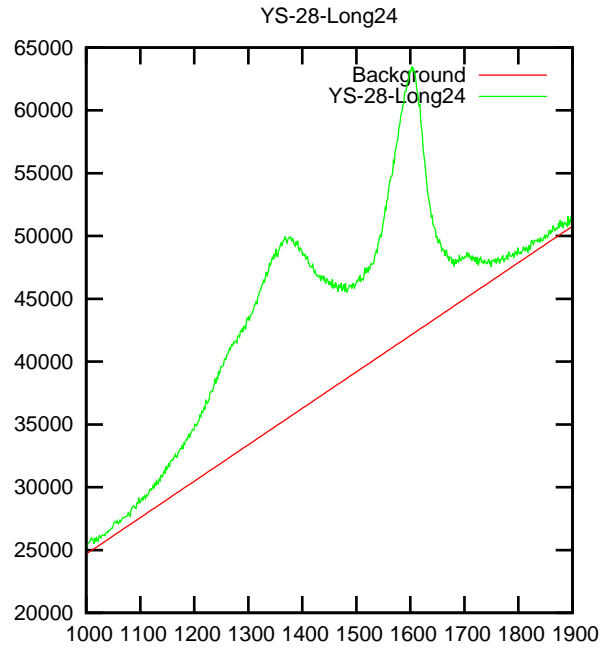


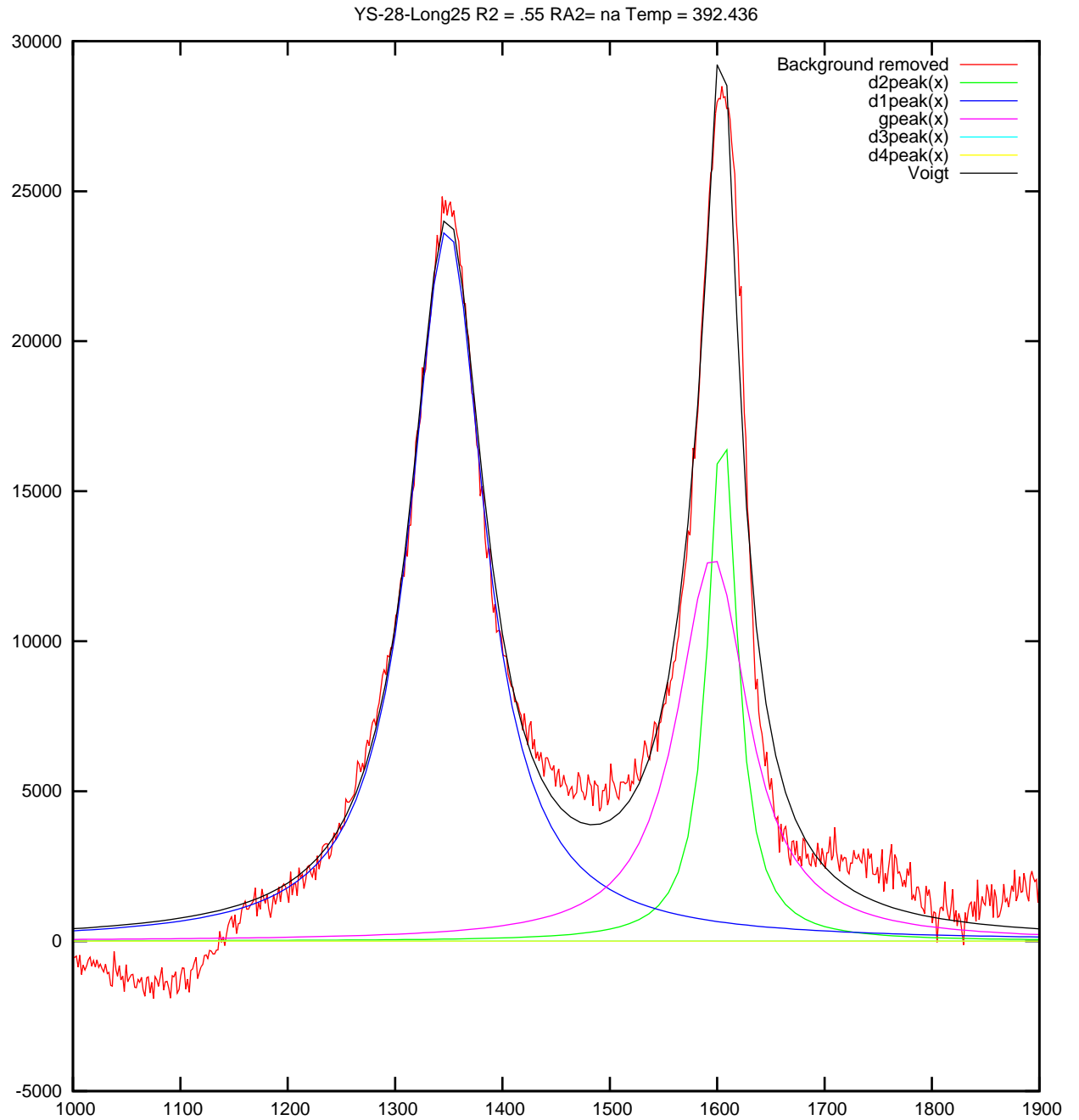
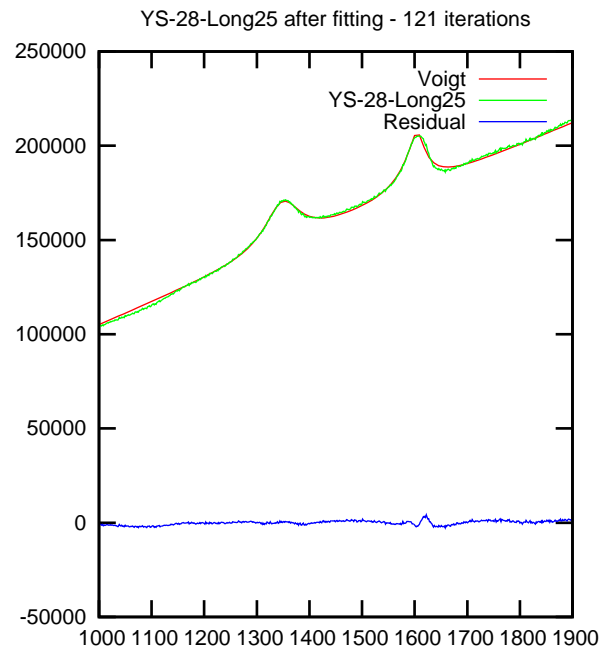
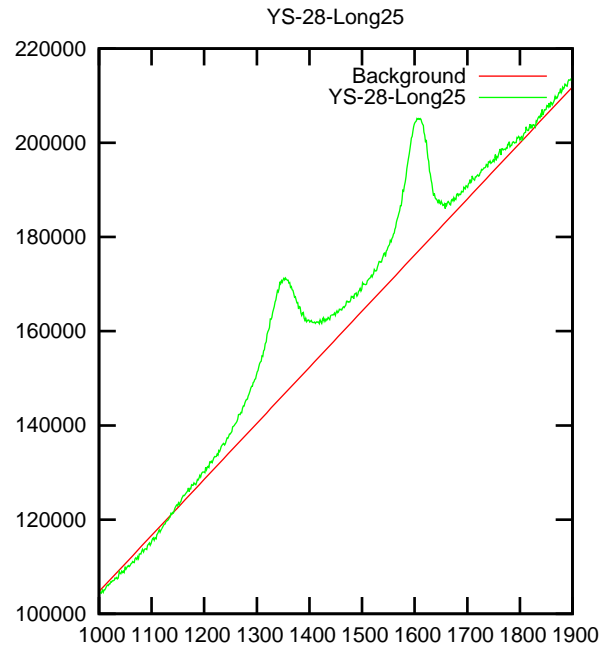


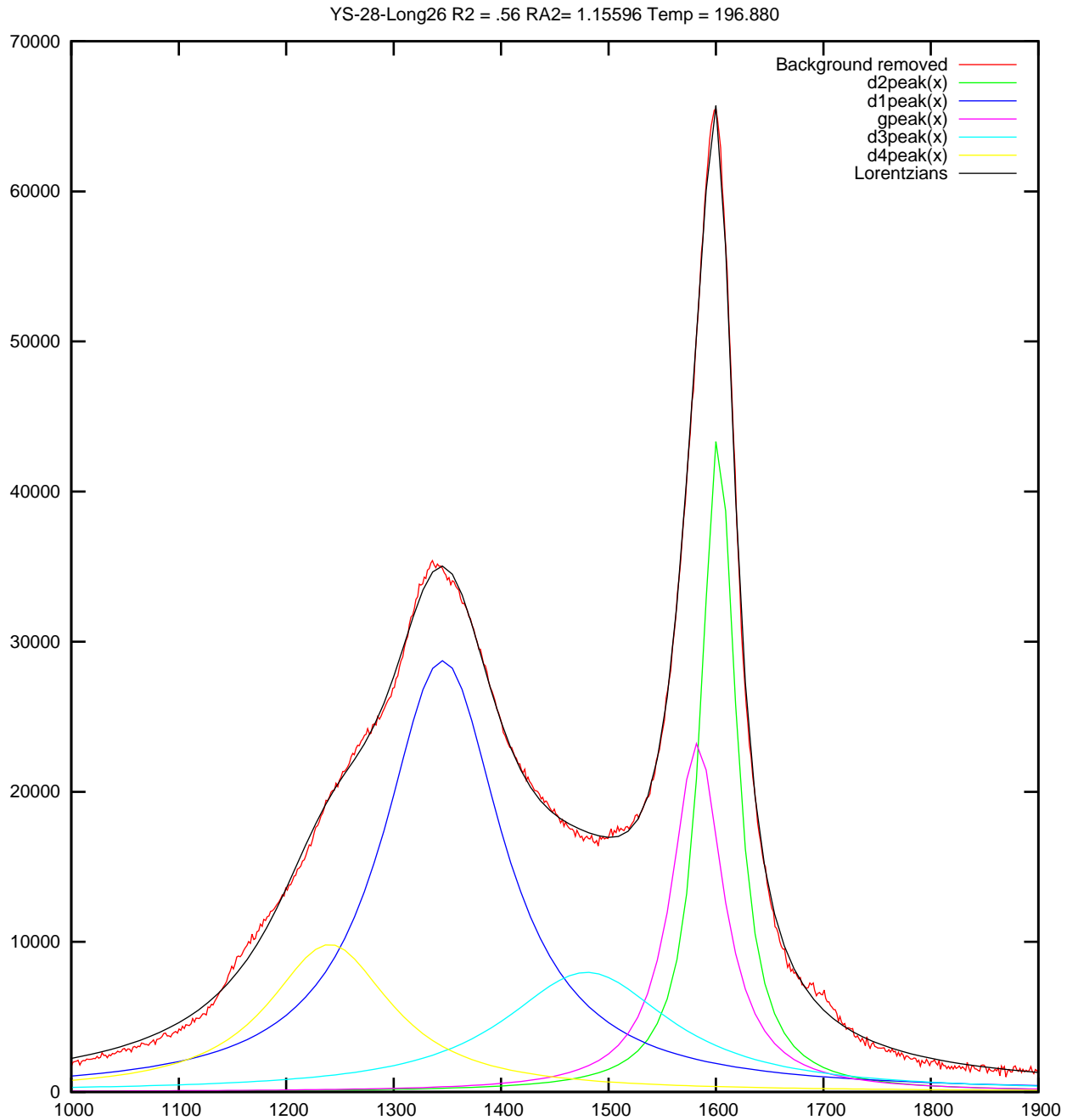
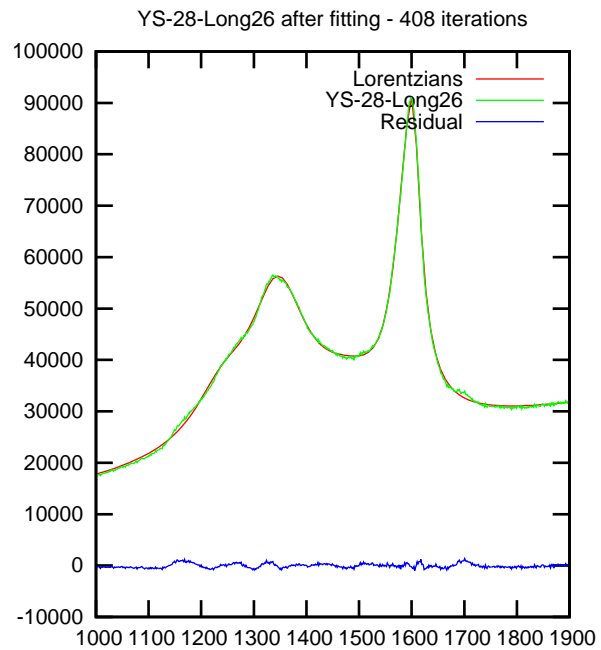
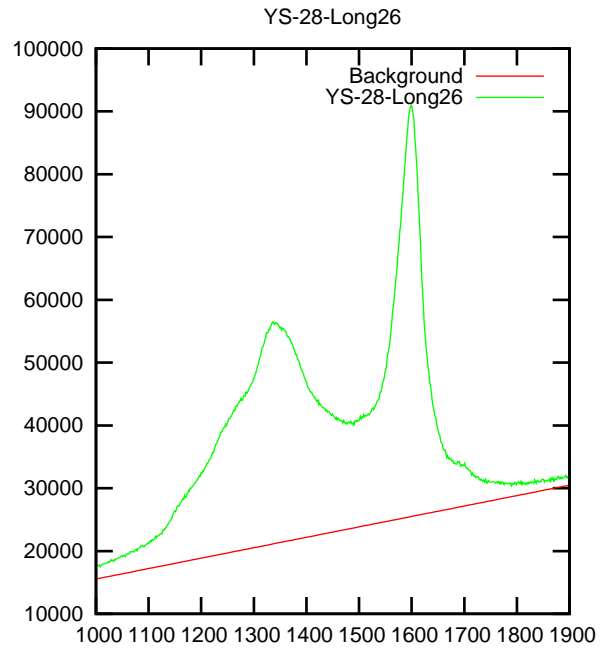
YS-28-Long22 = Noisy

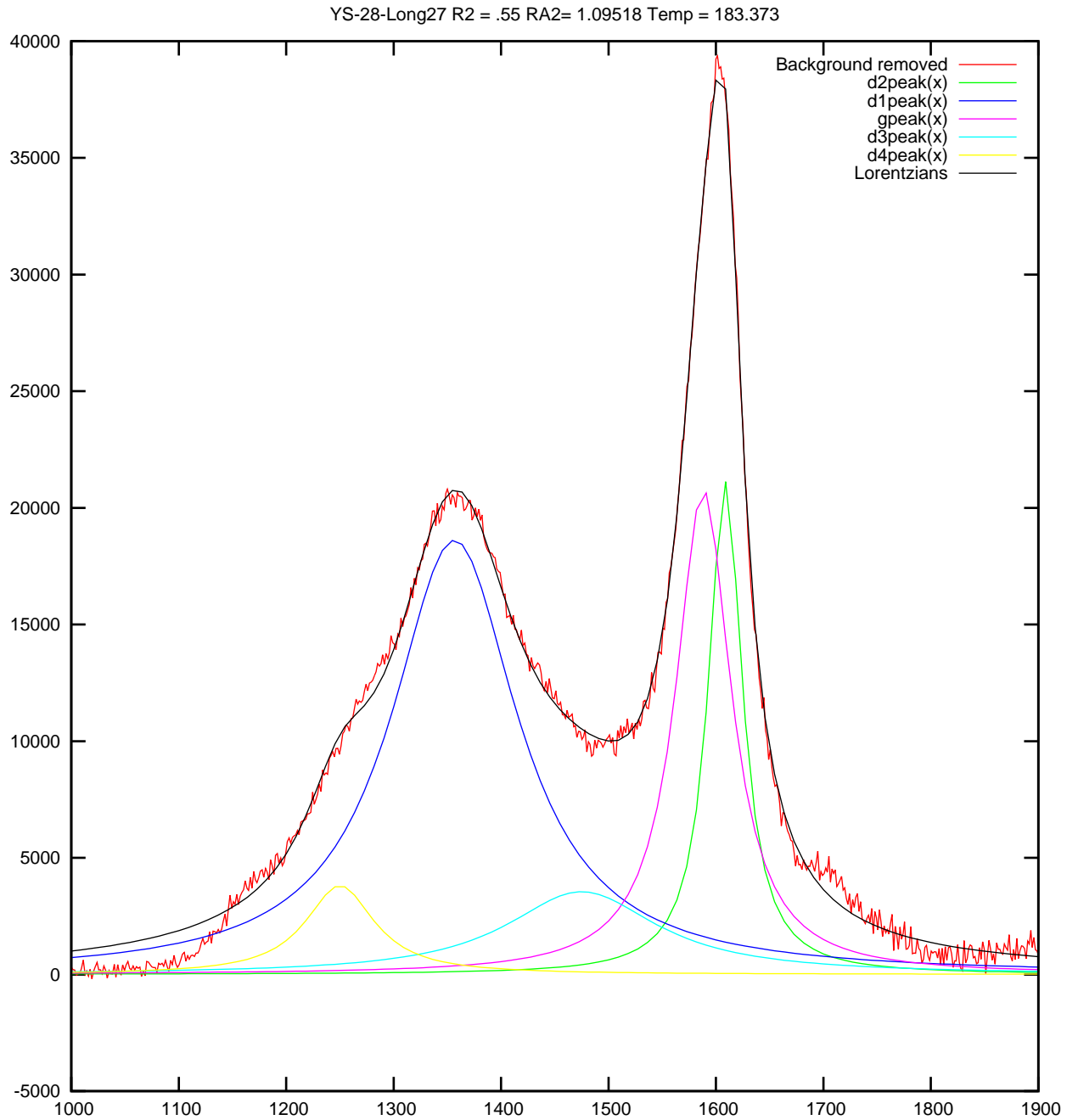
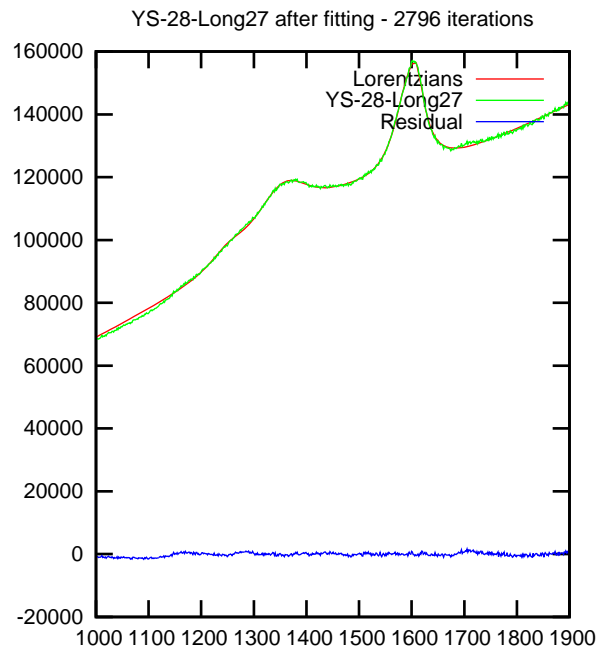
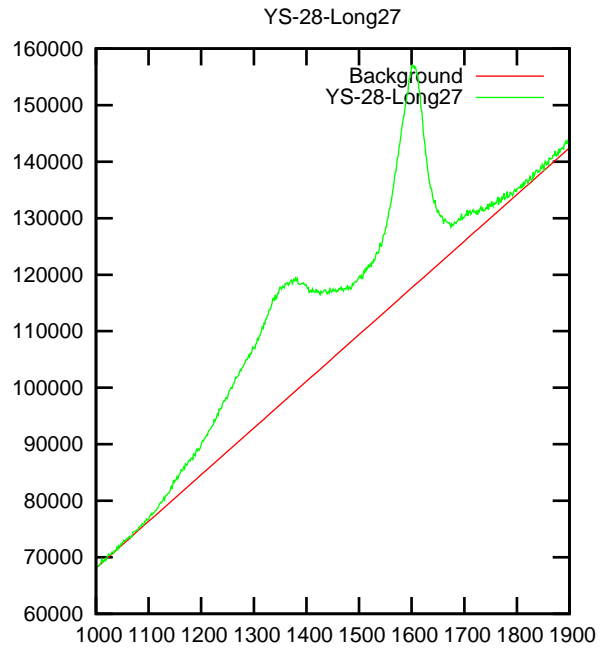


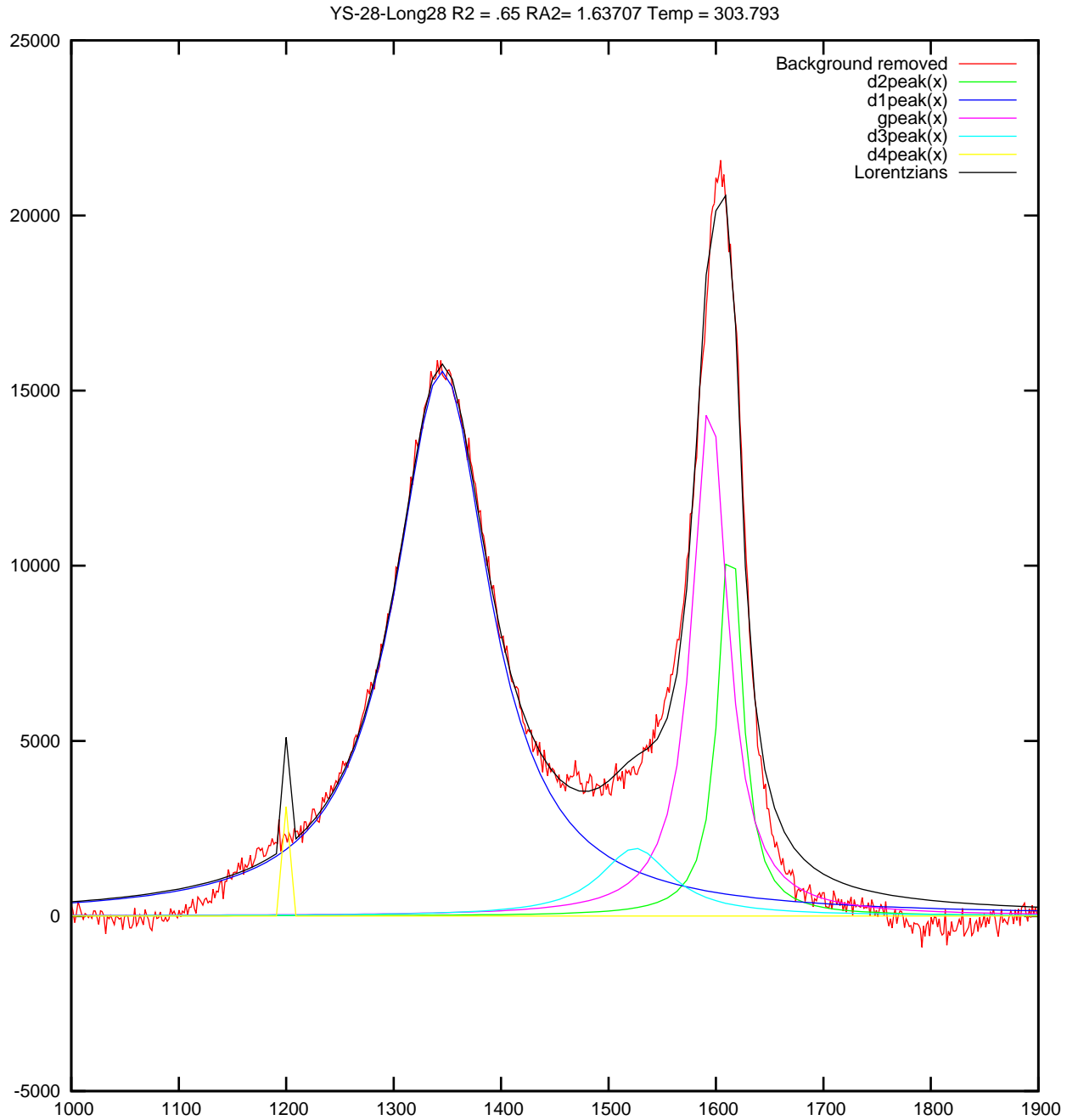
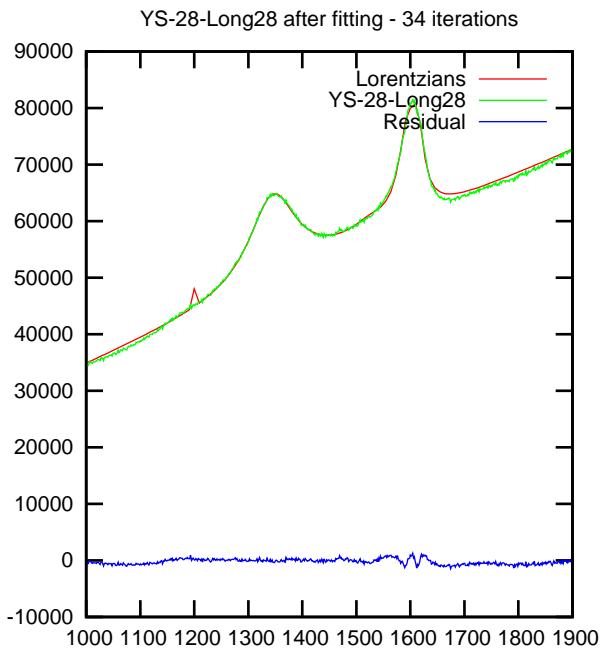
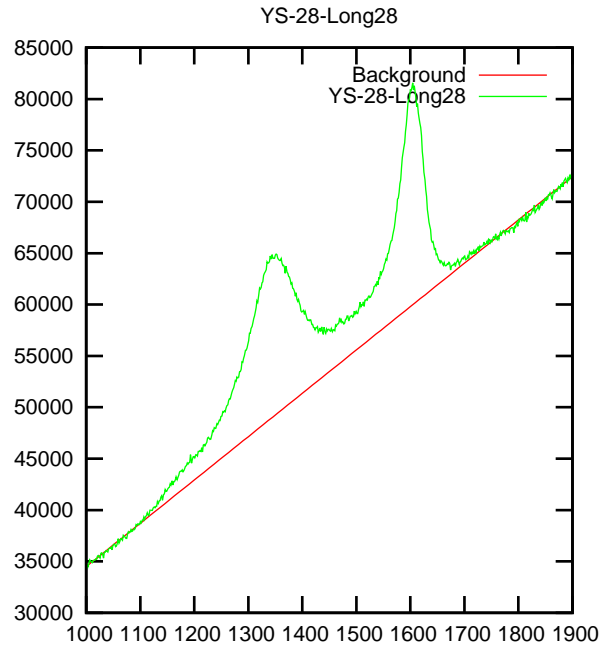


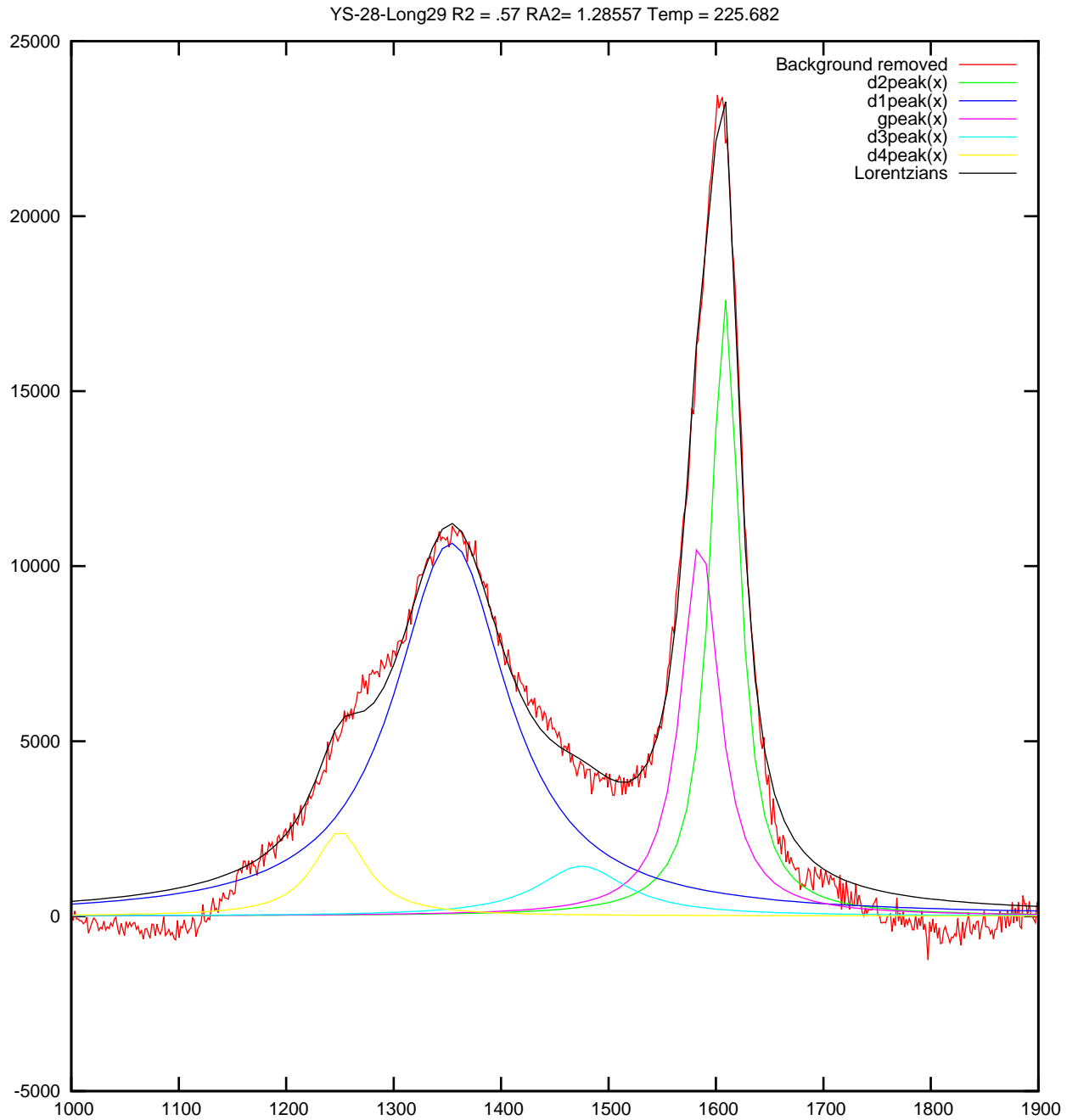
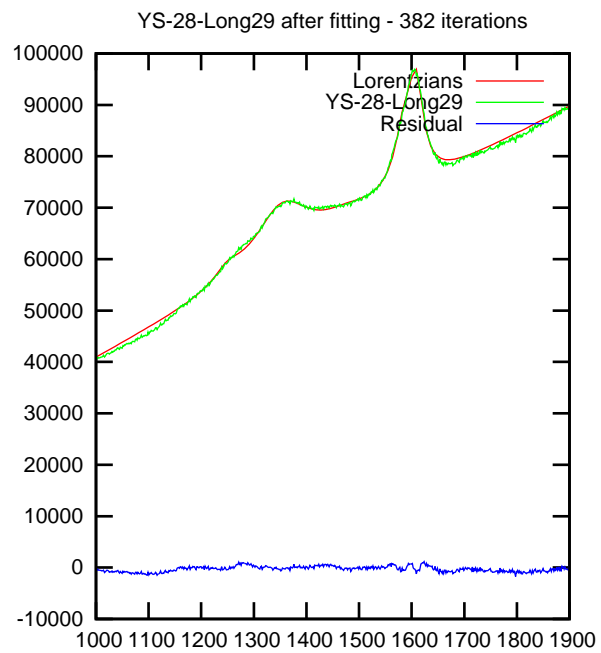
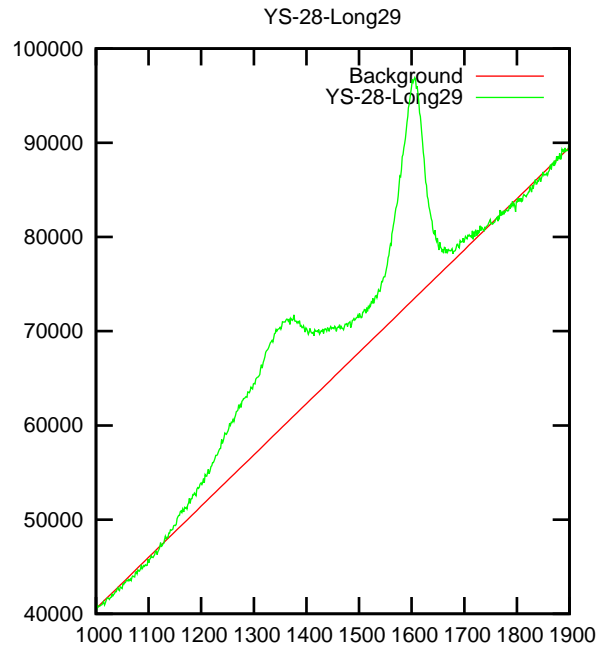


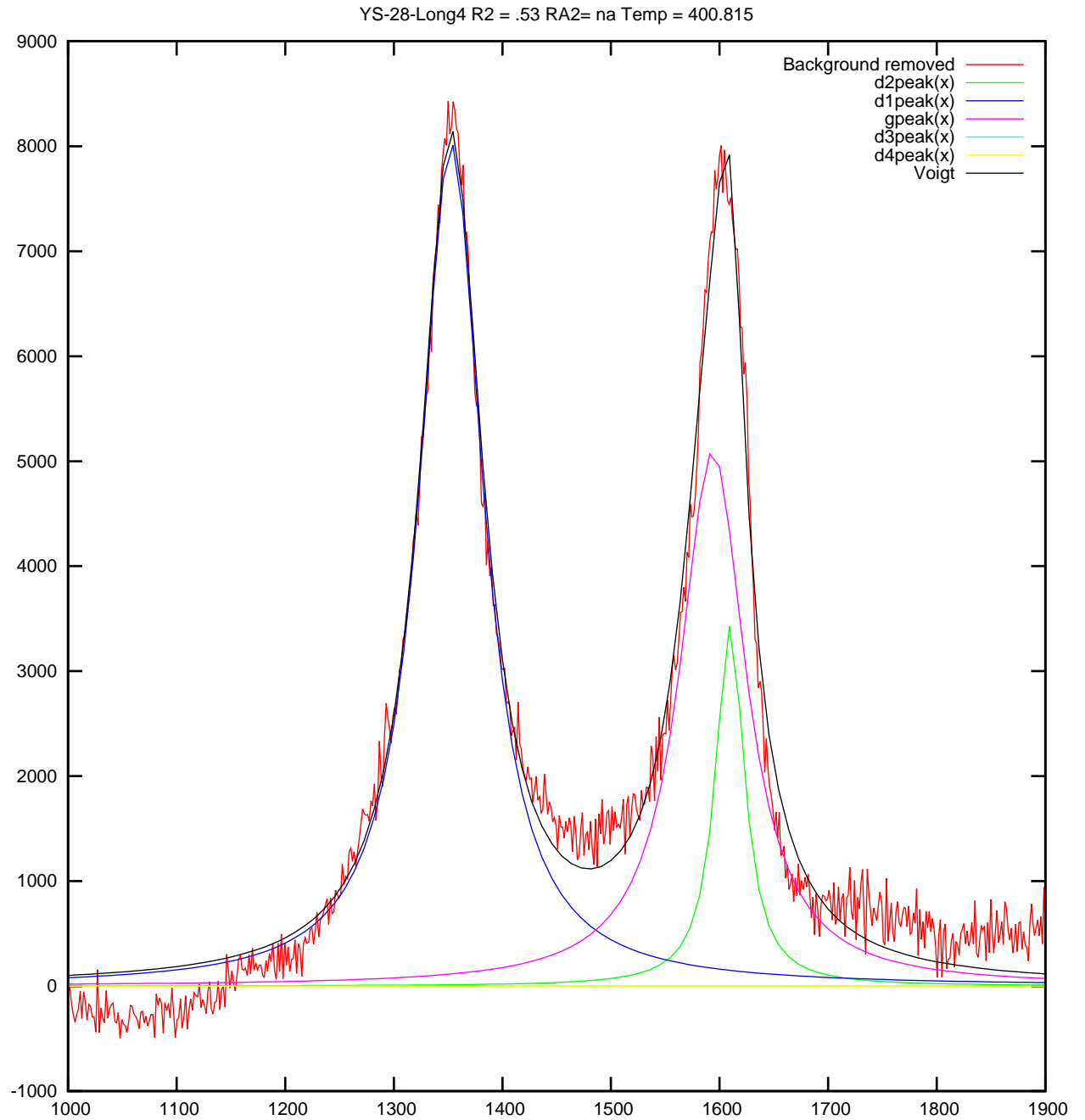
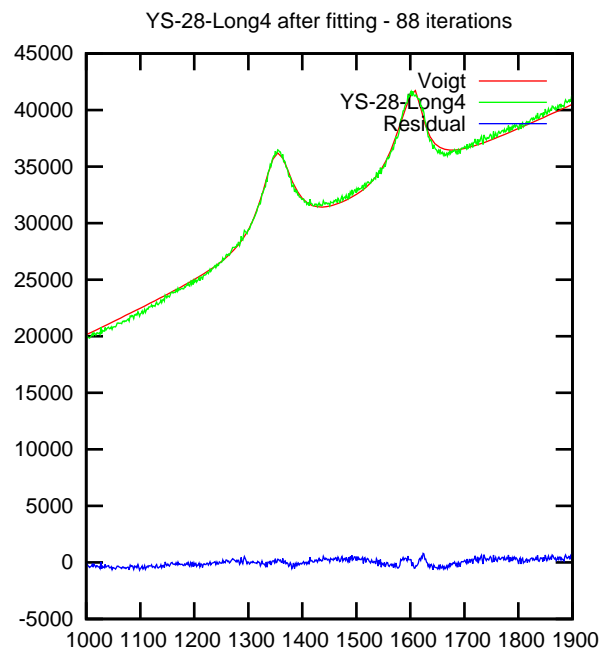
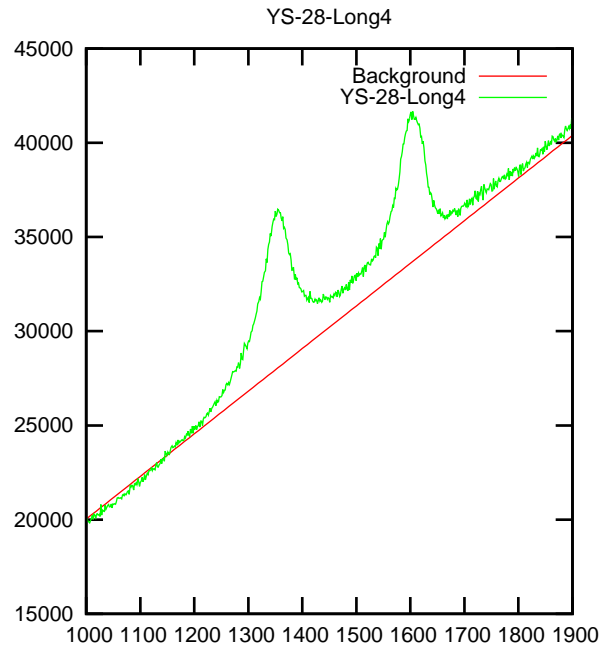


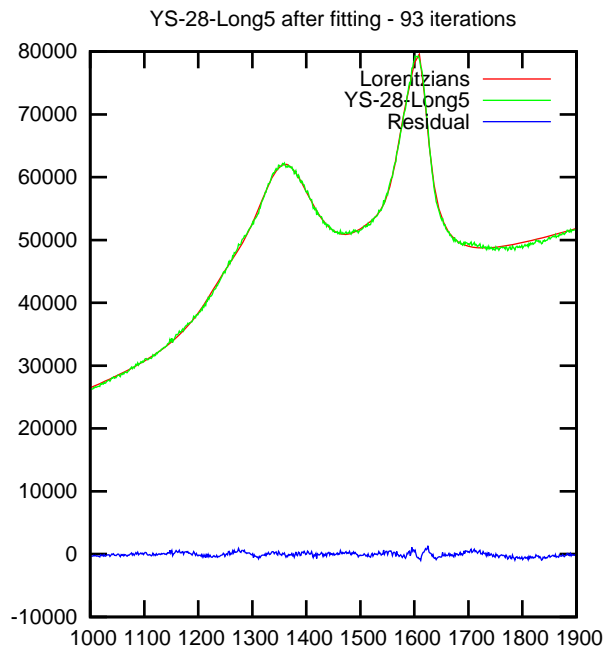
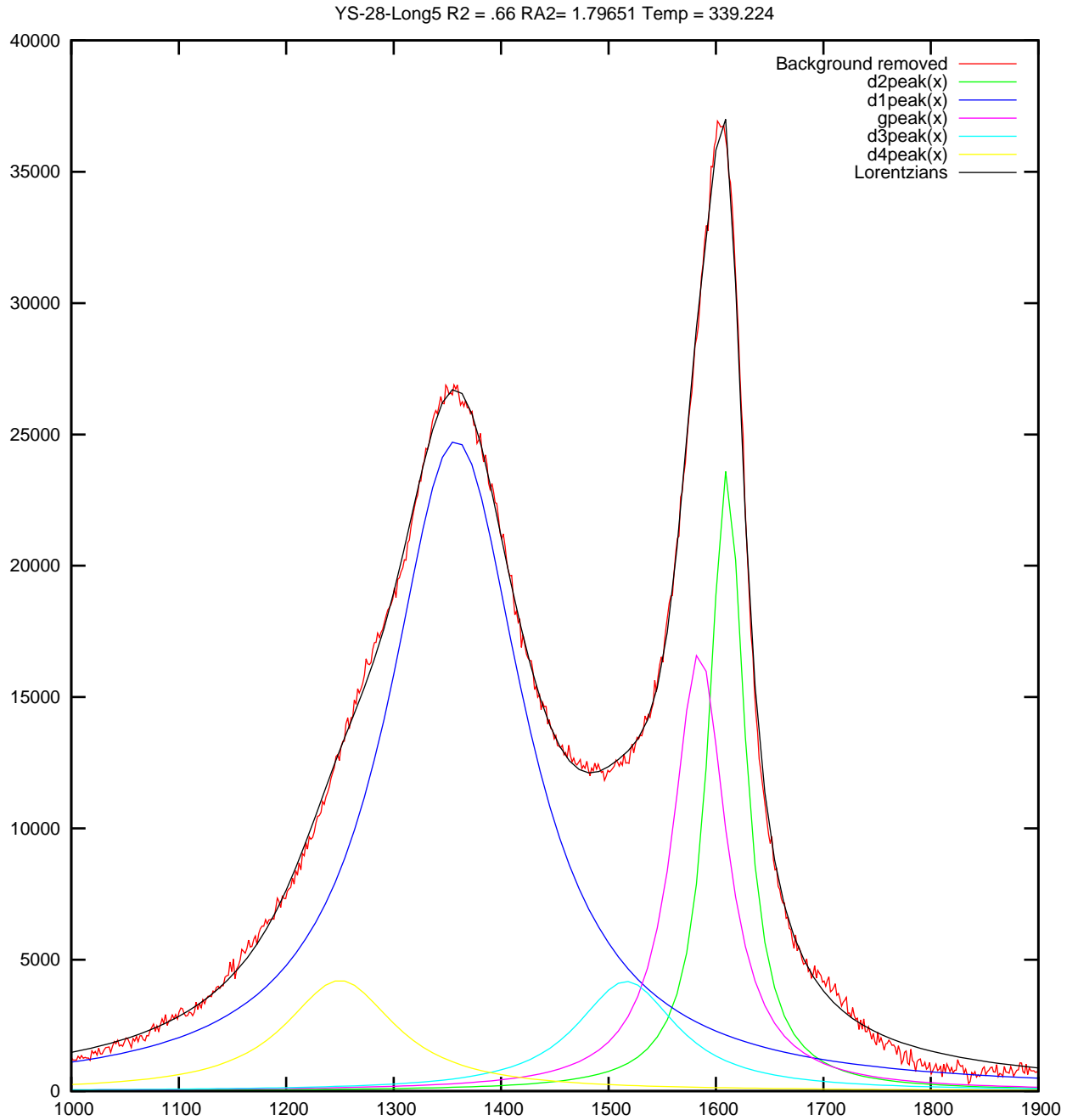
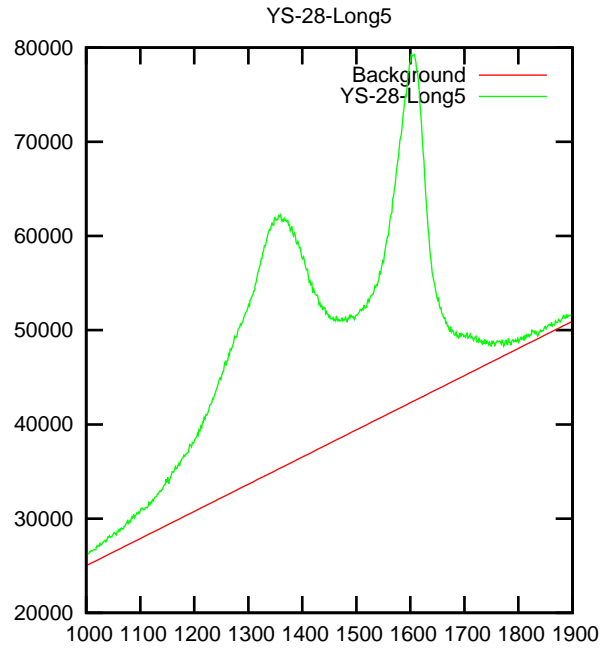




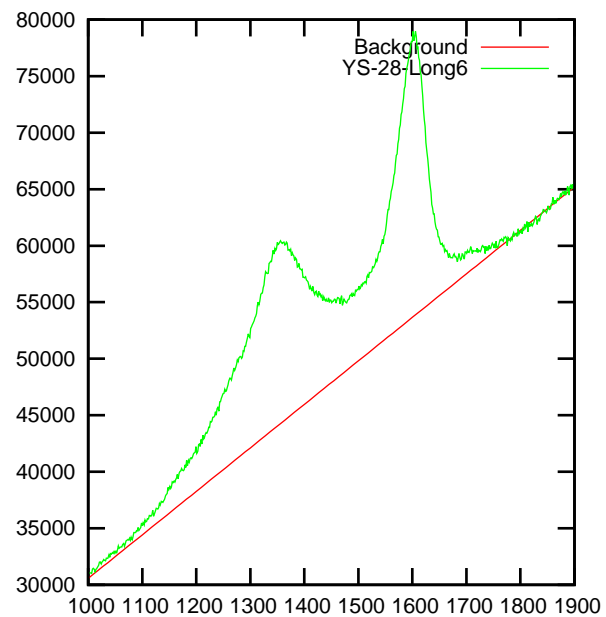




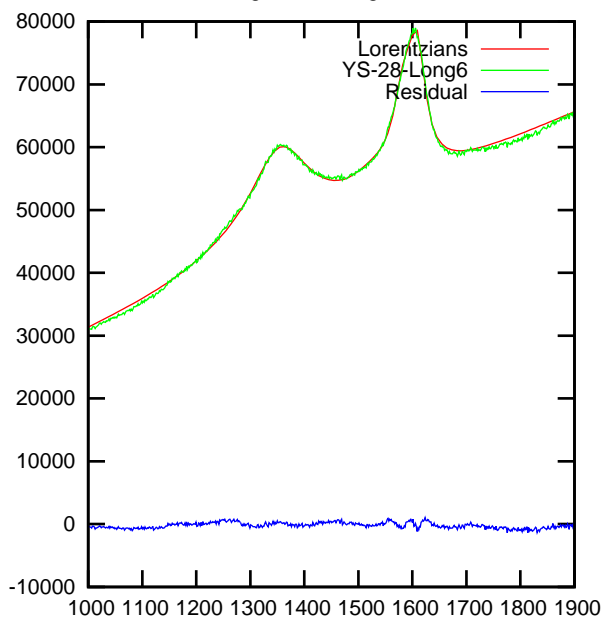




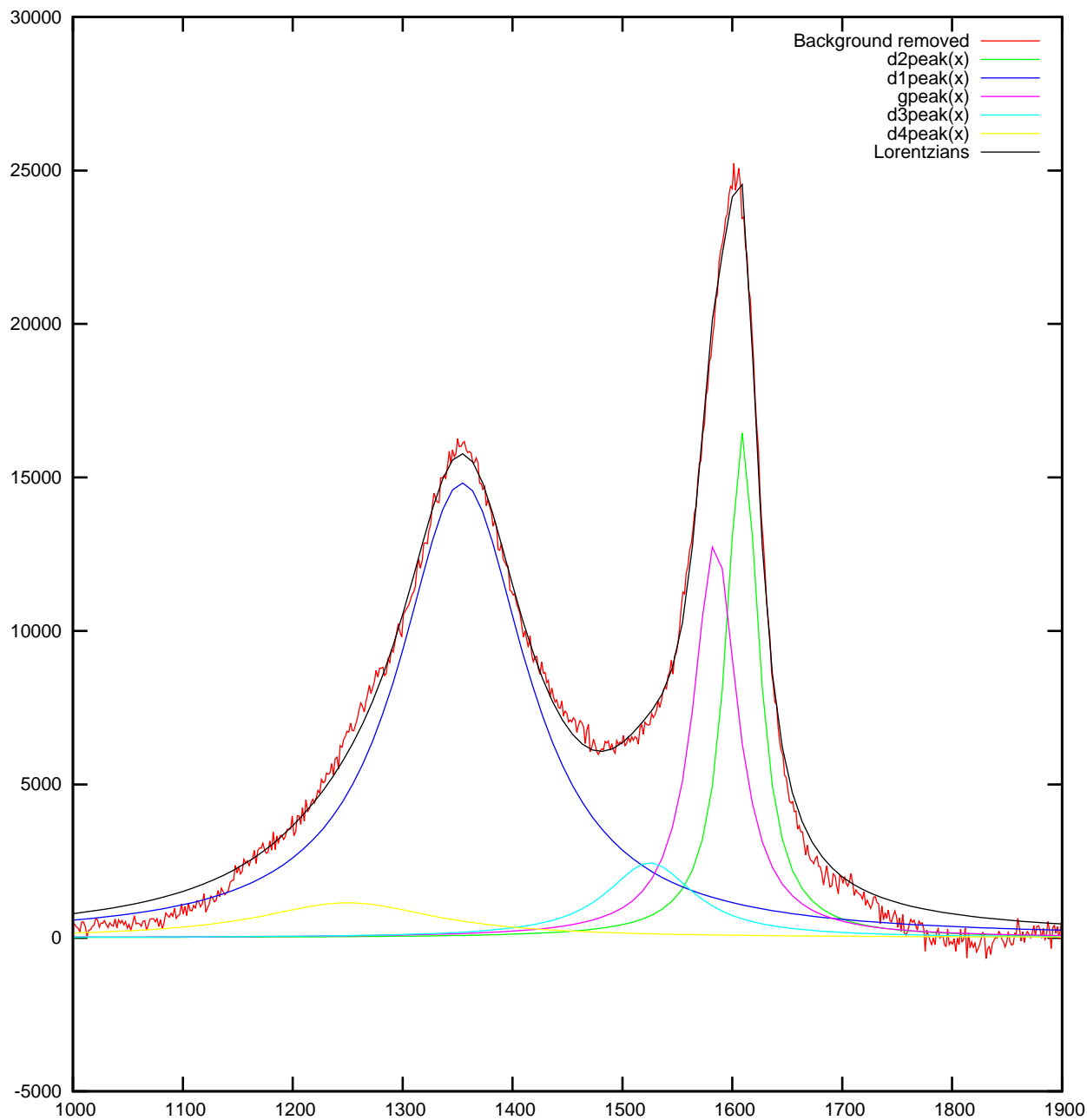
YS-28-Long6

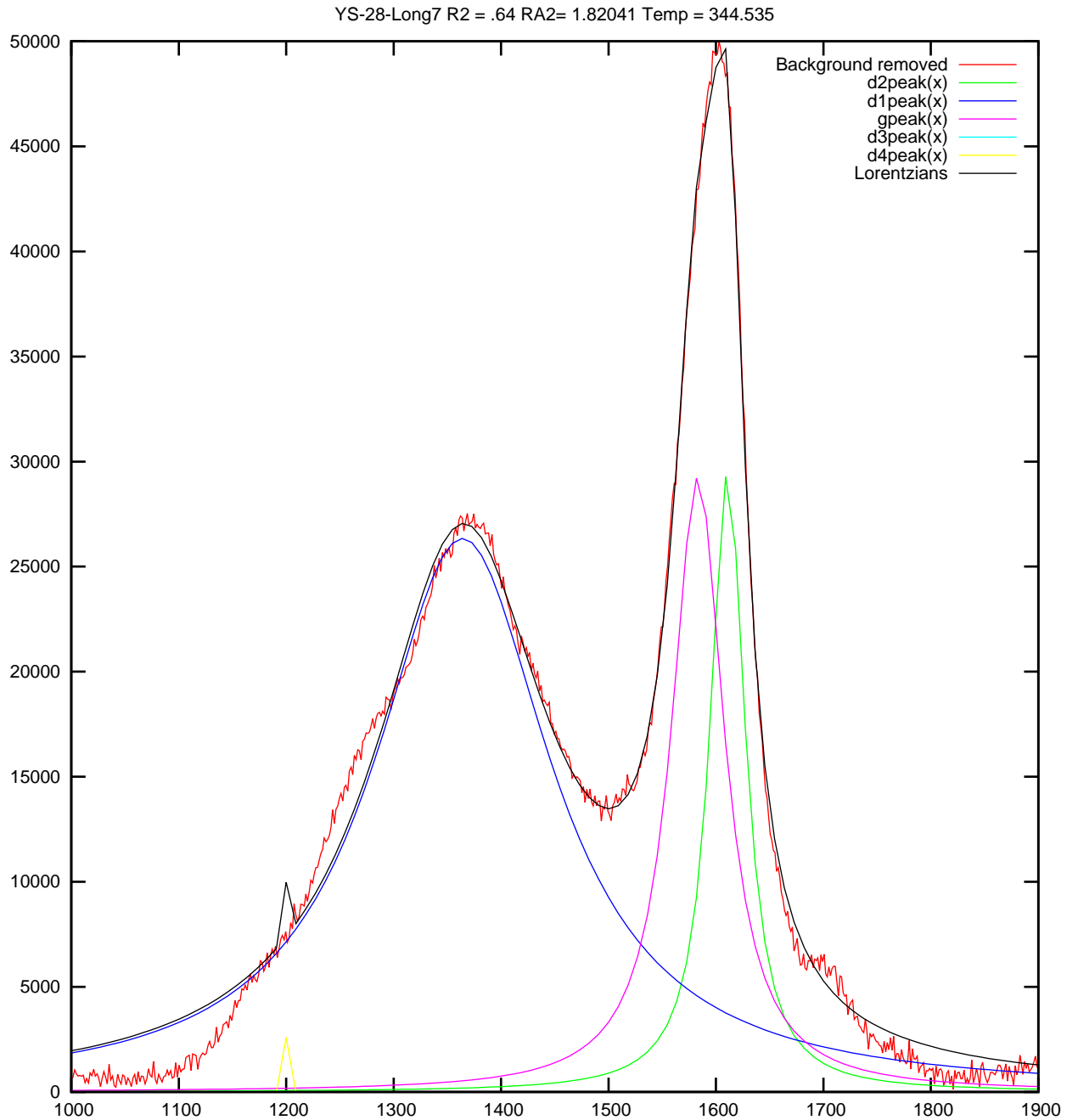
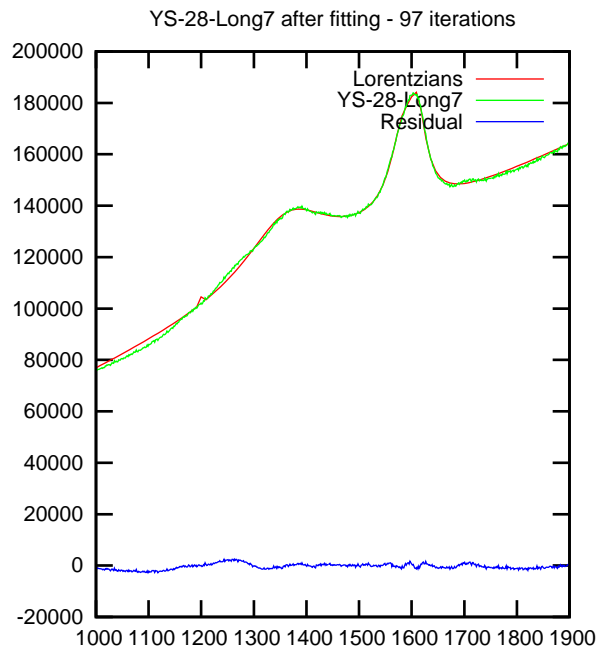
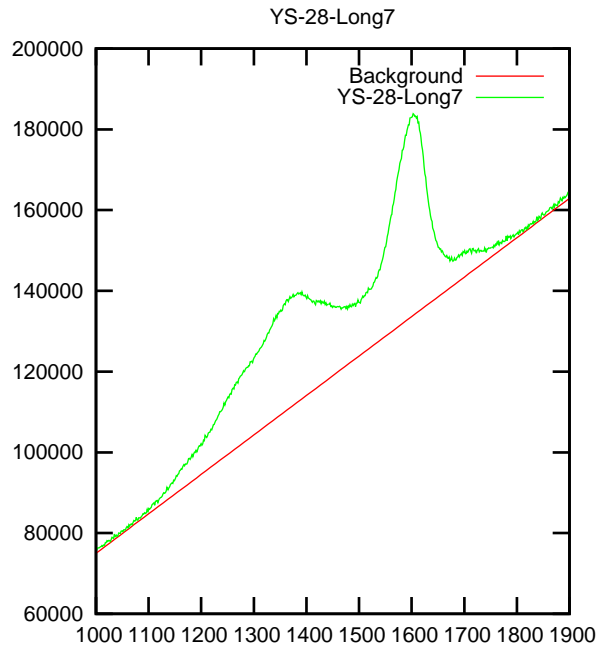


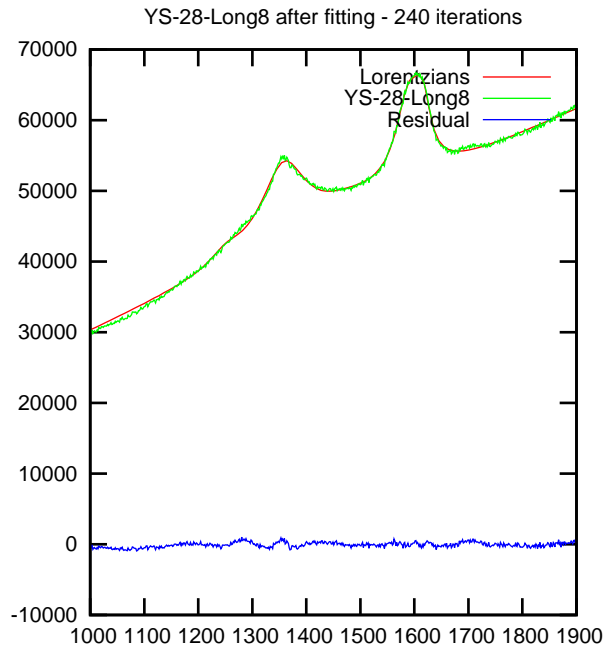
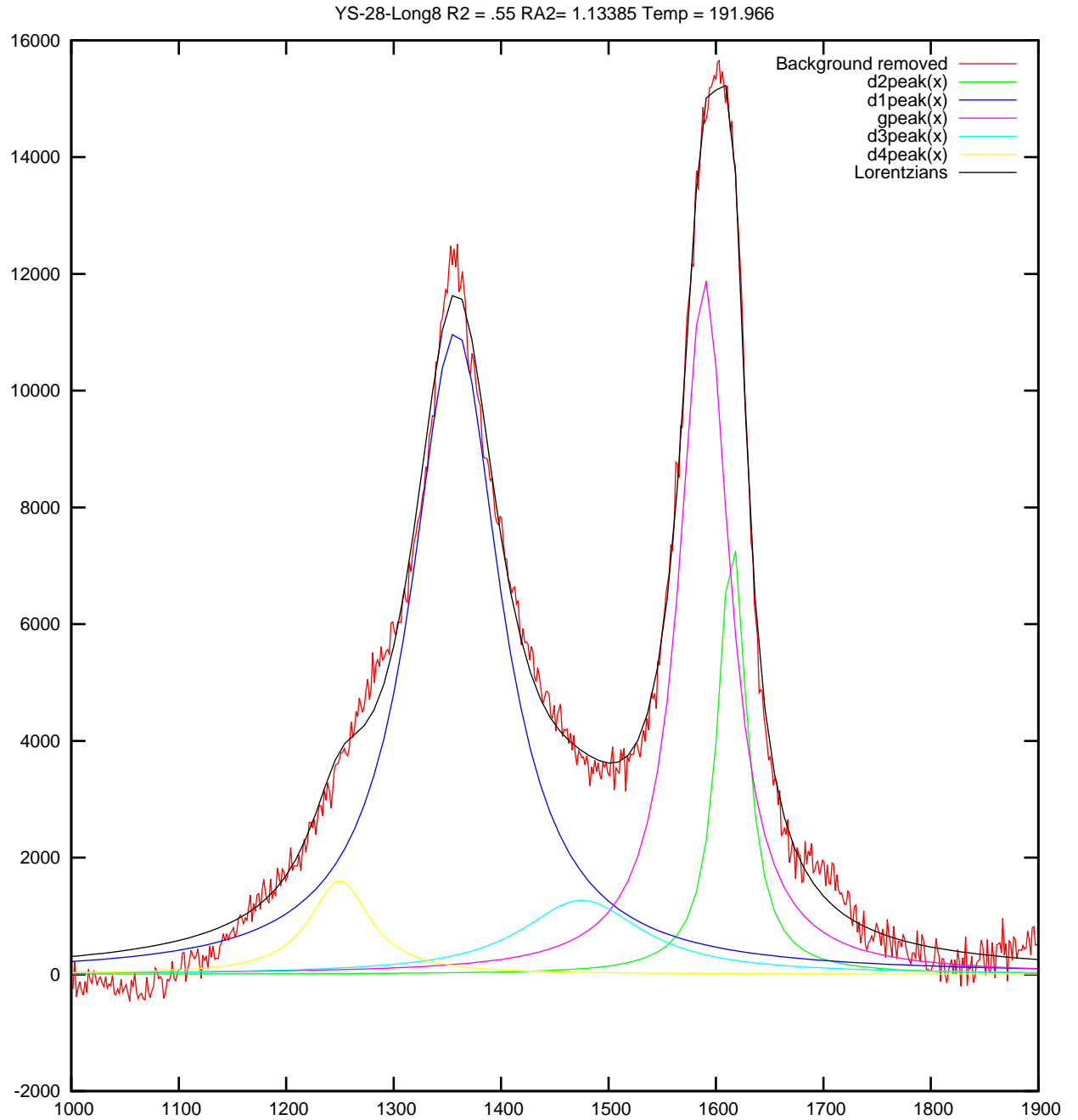
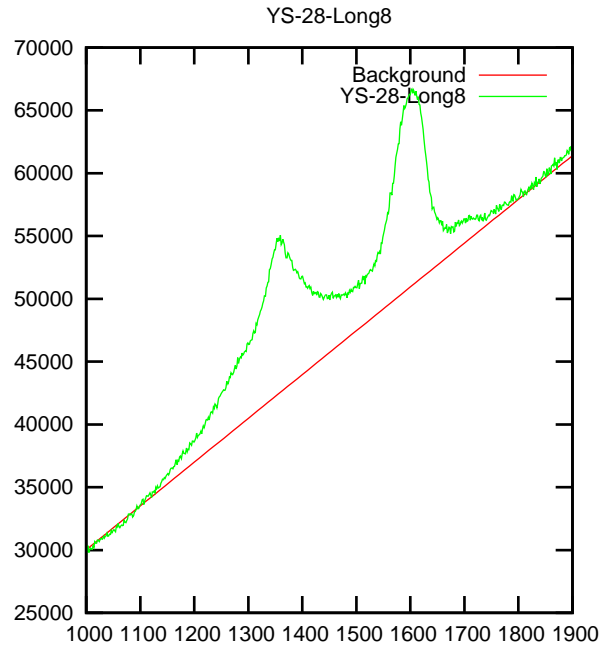
YS-28-Long6 after fitting - 63 iterations



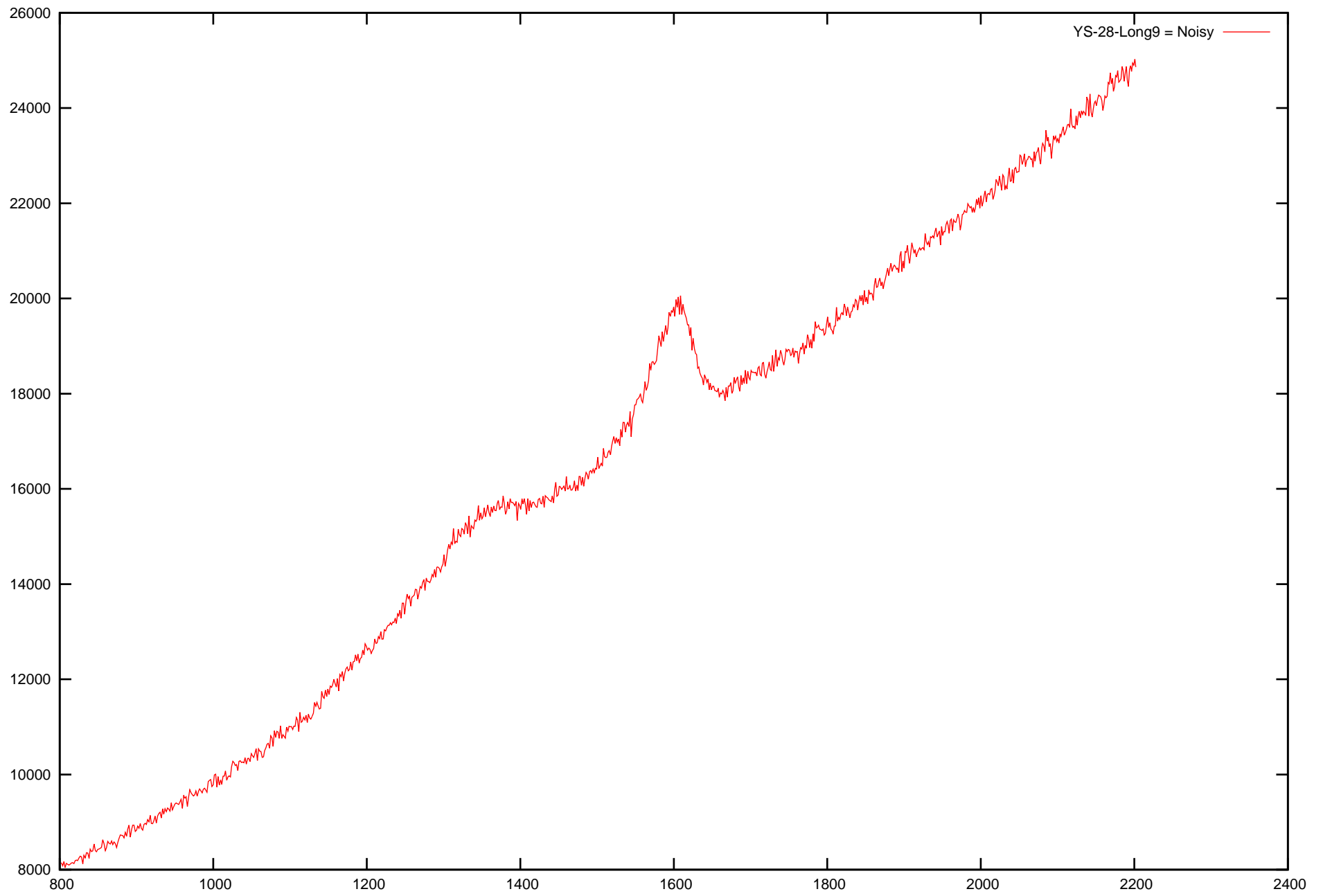
YS-28-Long6 R2 = .63 RA2= 1.61088 Temp = 297.973

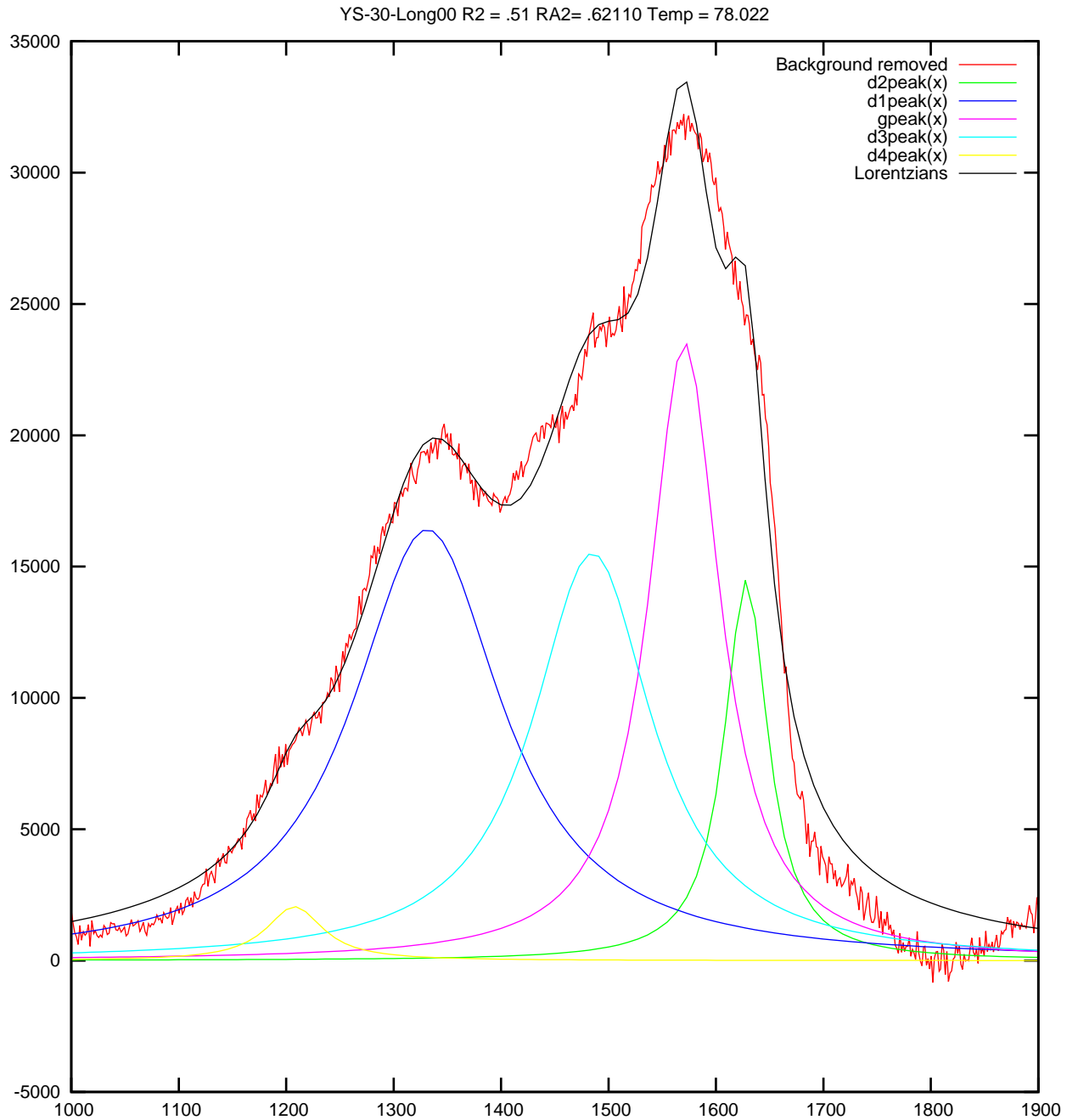
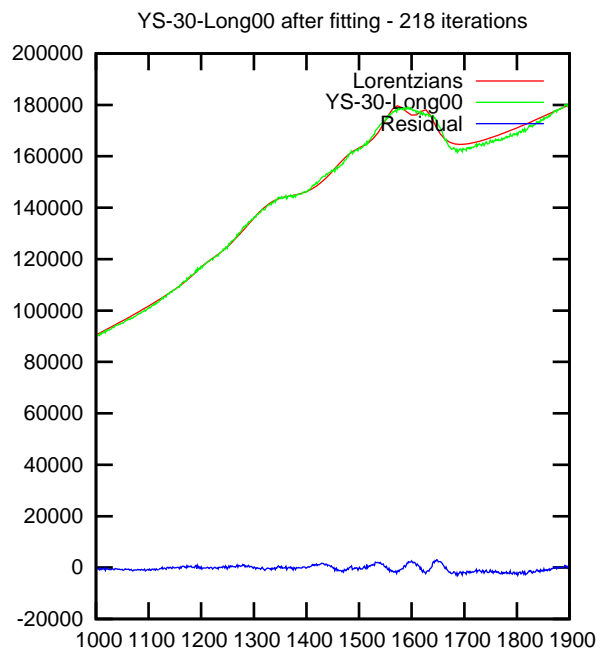
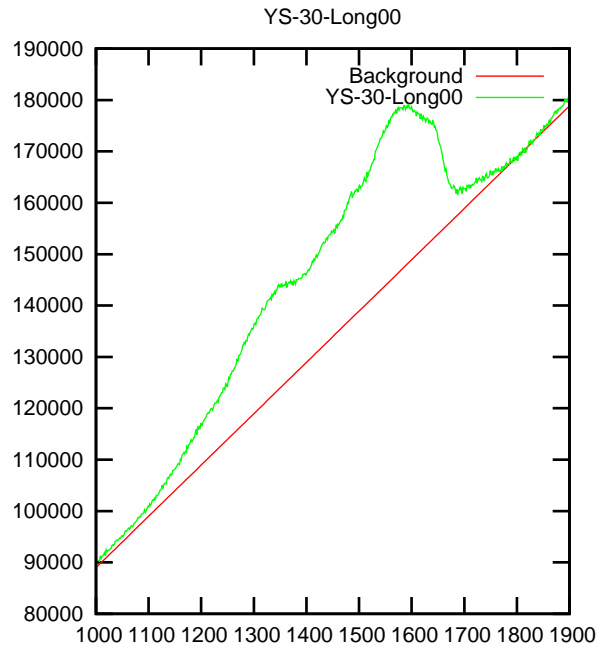


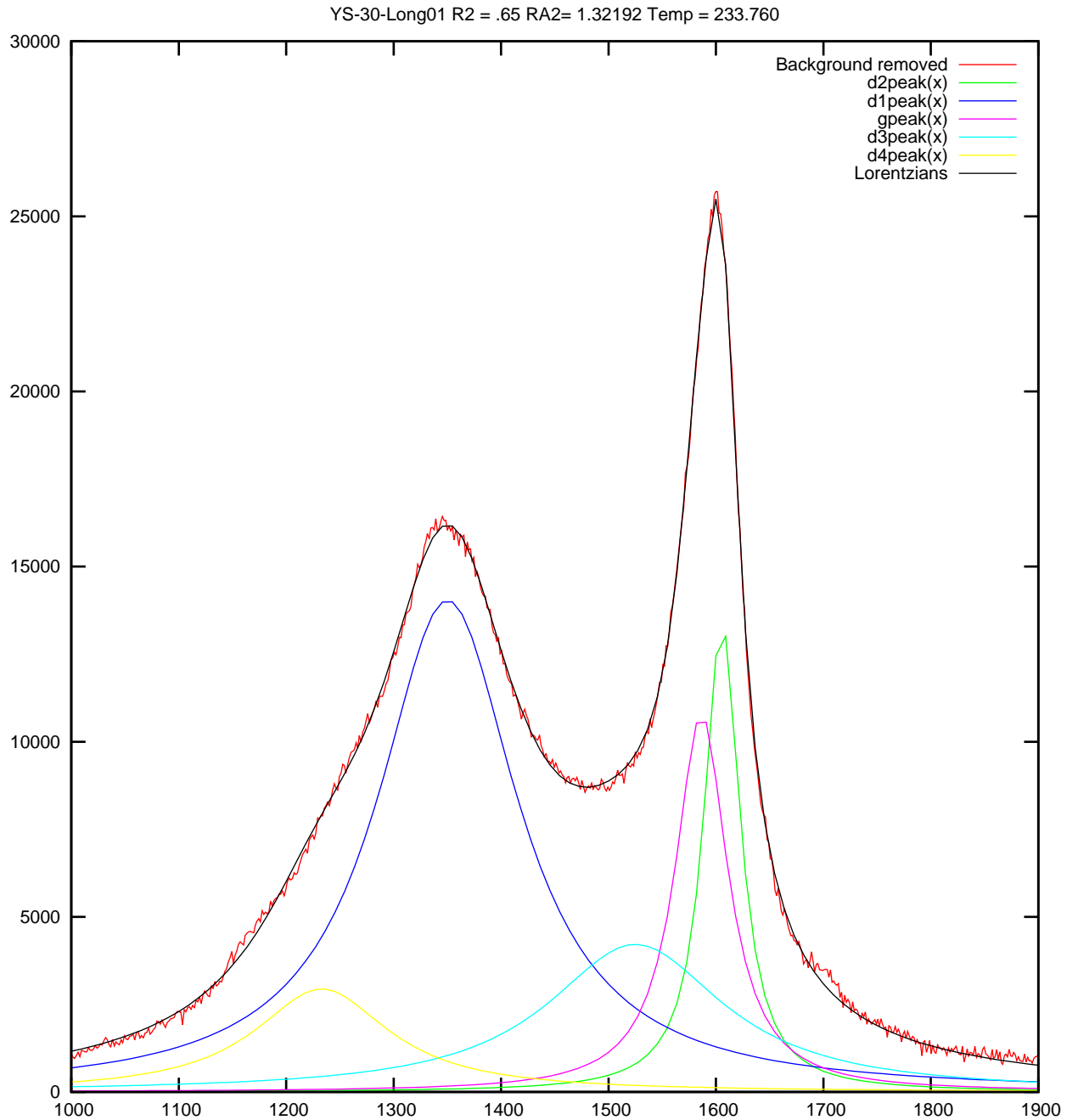
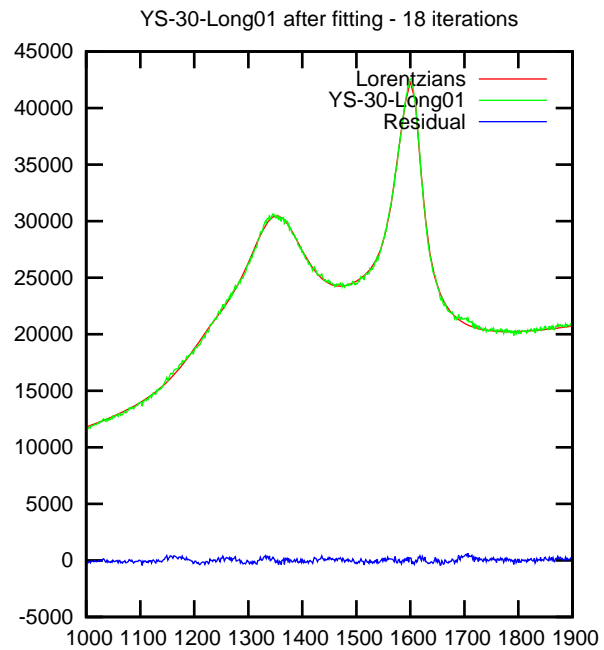
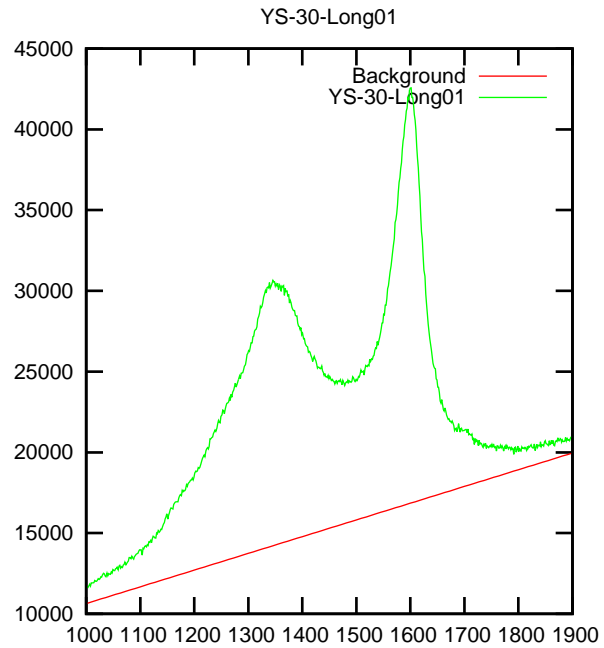




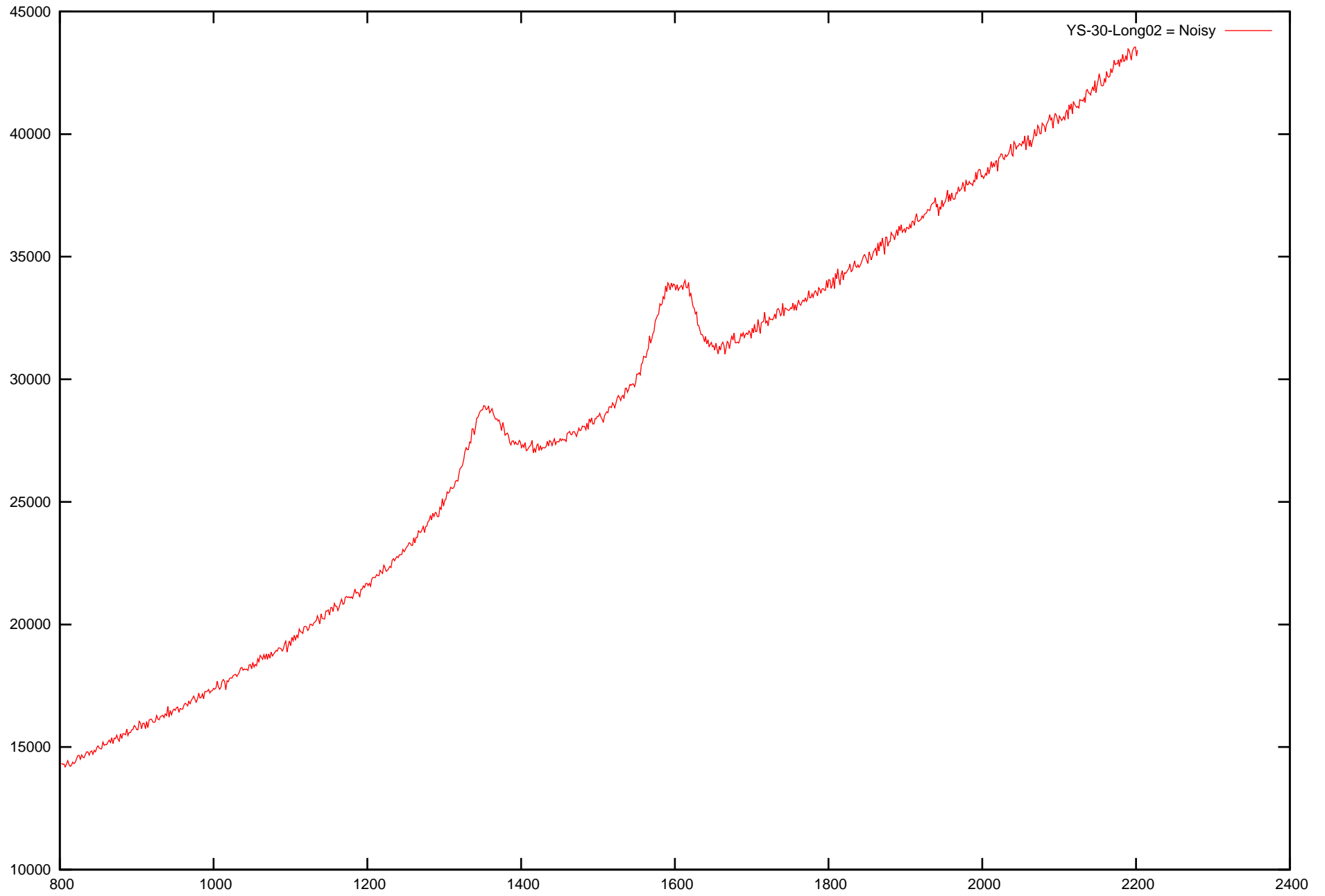
YS-28-Long9 = Noisy



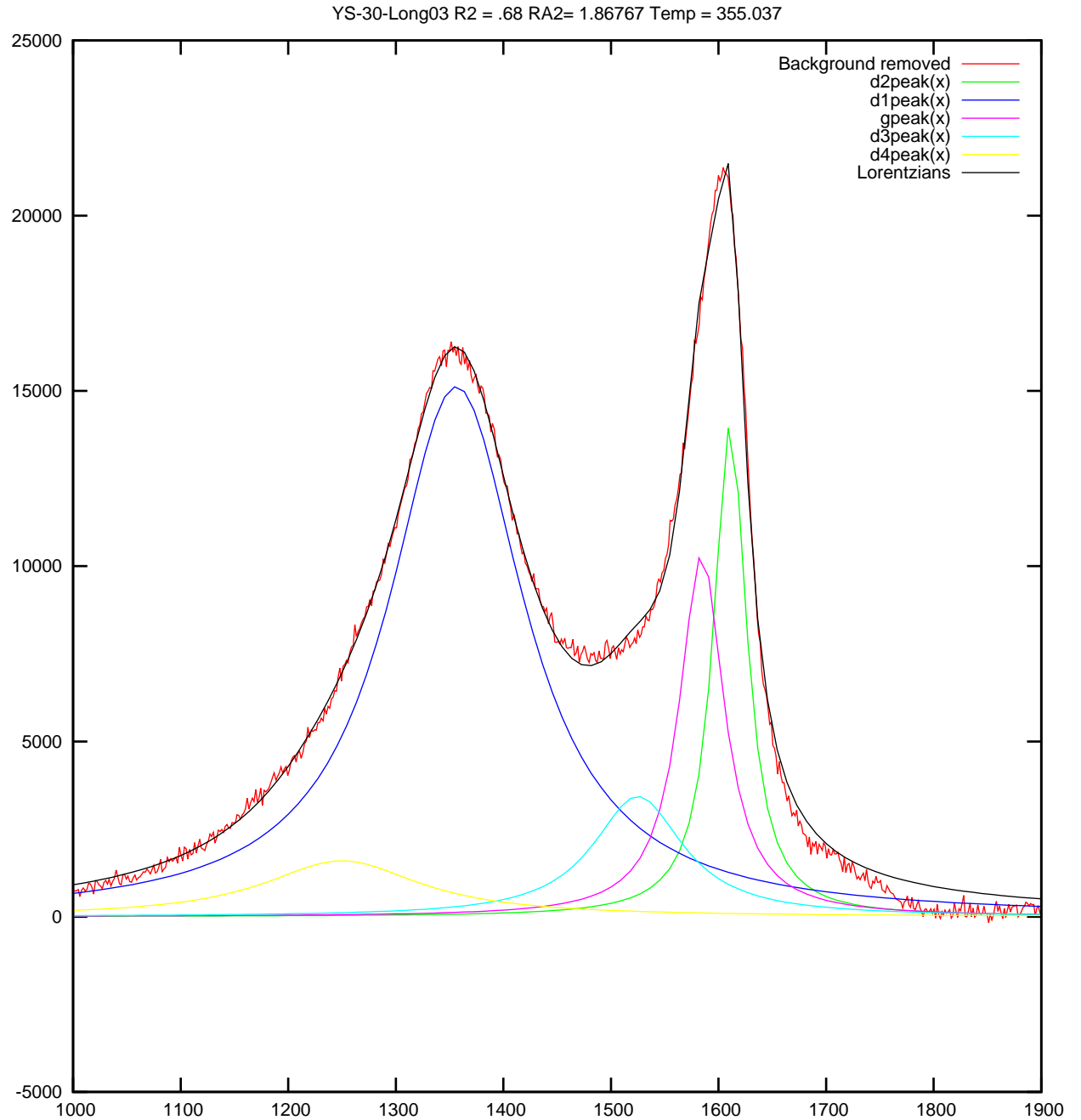
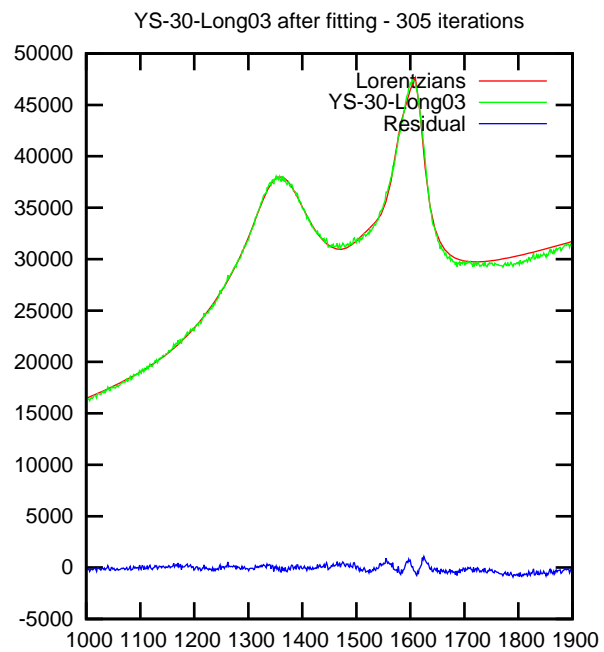
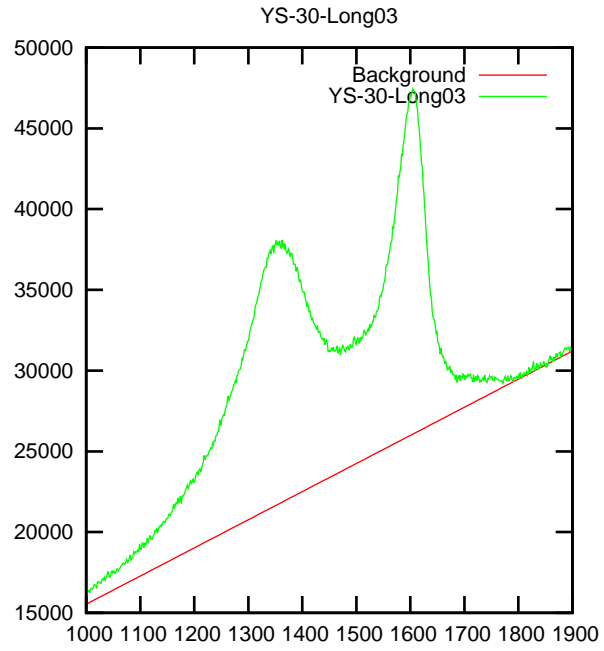




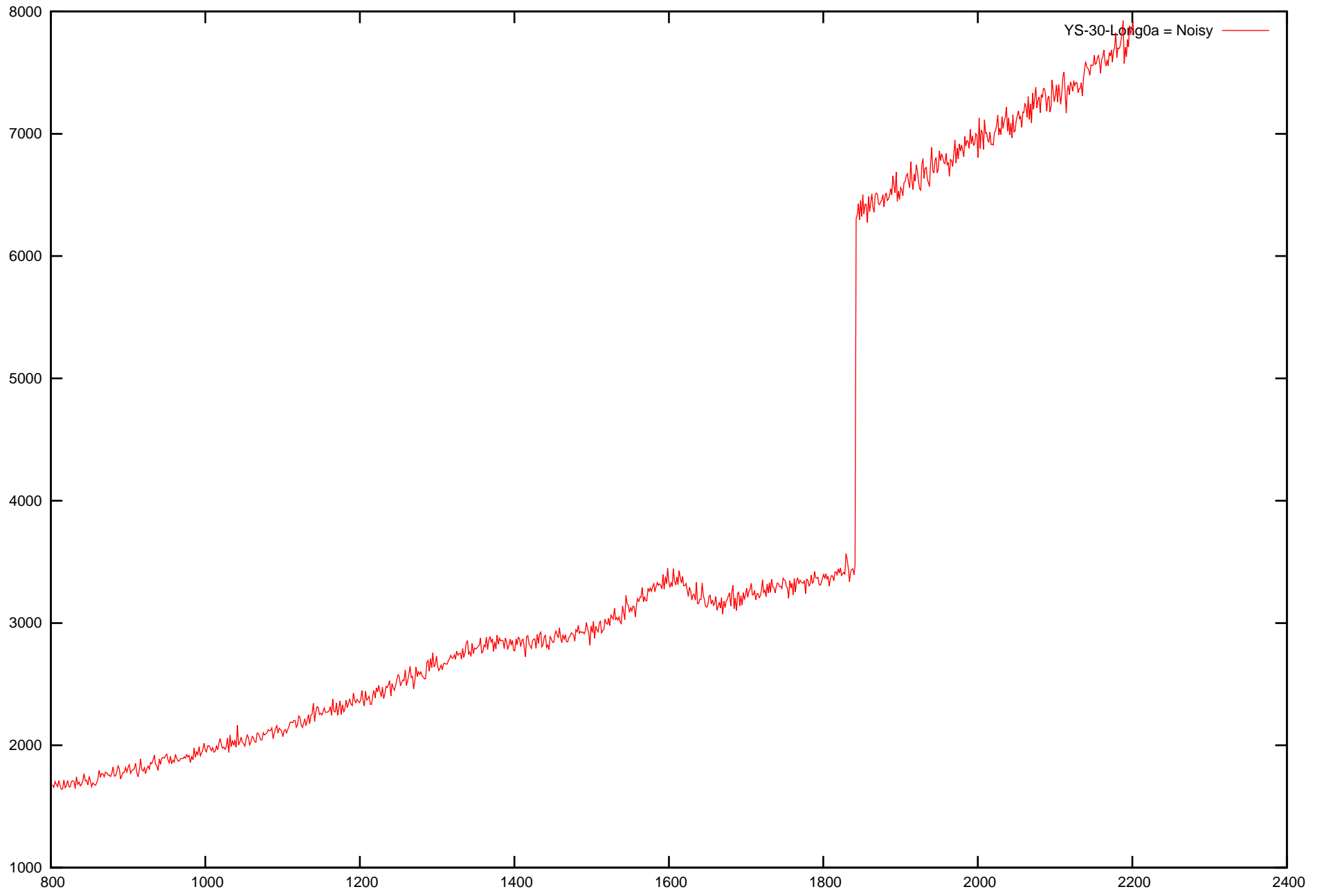
YS-30-Long02 = Noisy



YS-30-Long02 = Noisy



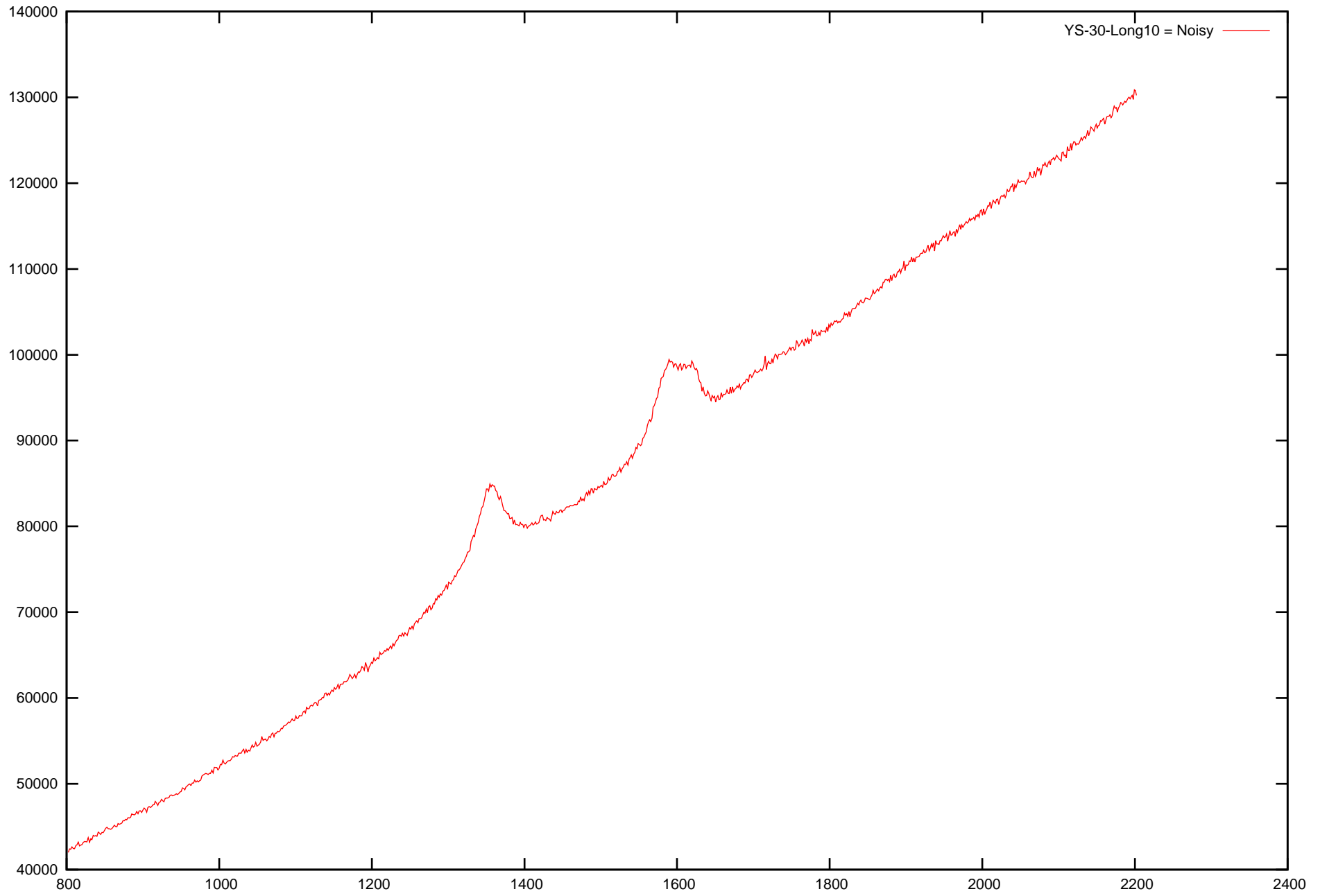
YS-30-Long0a = Noisy

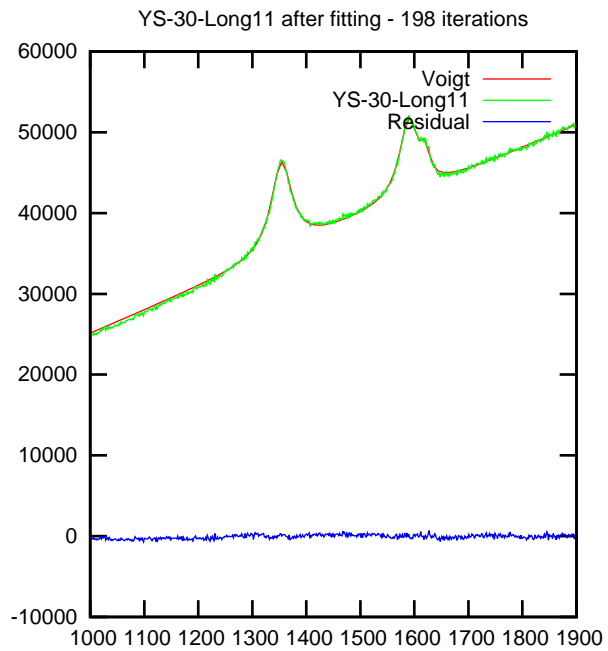
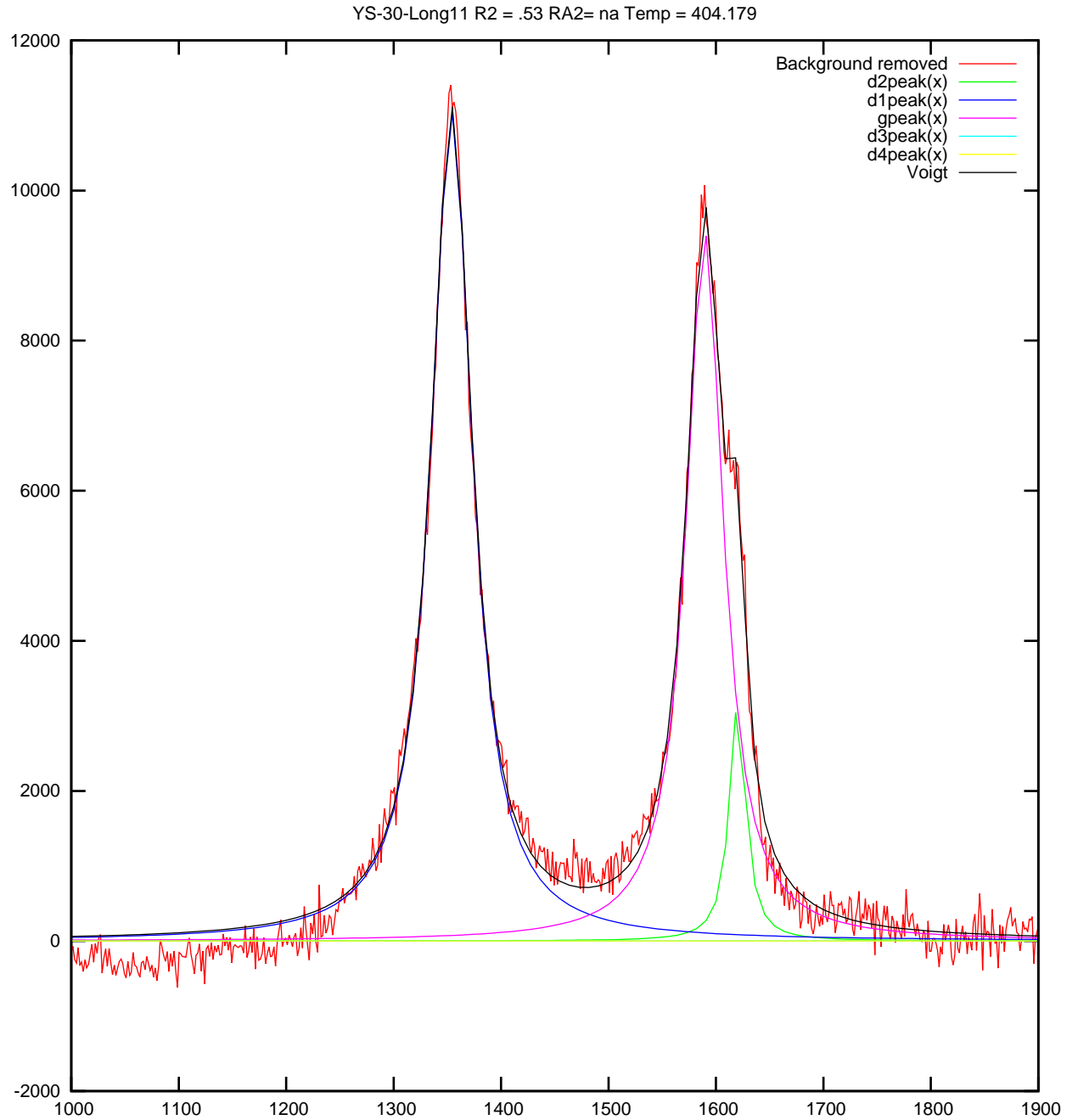
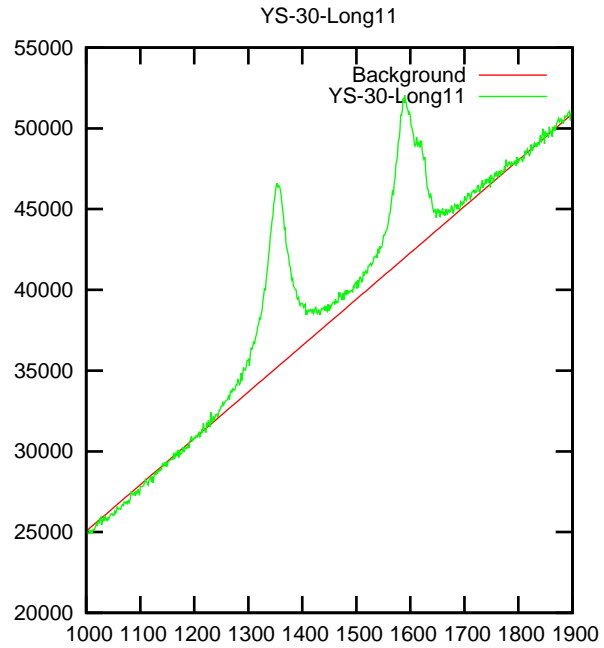


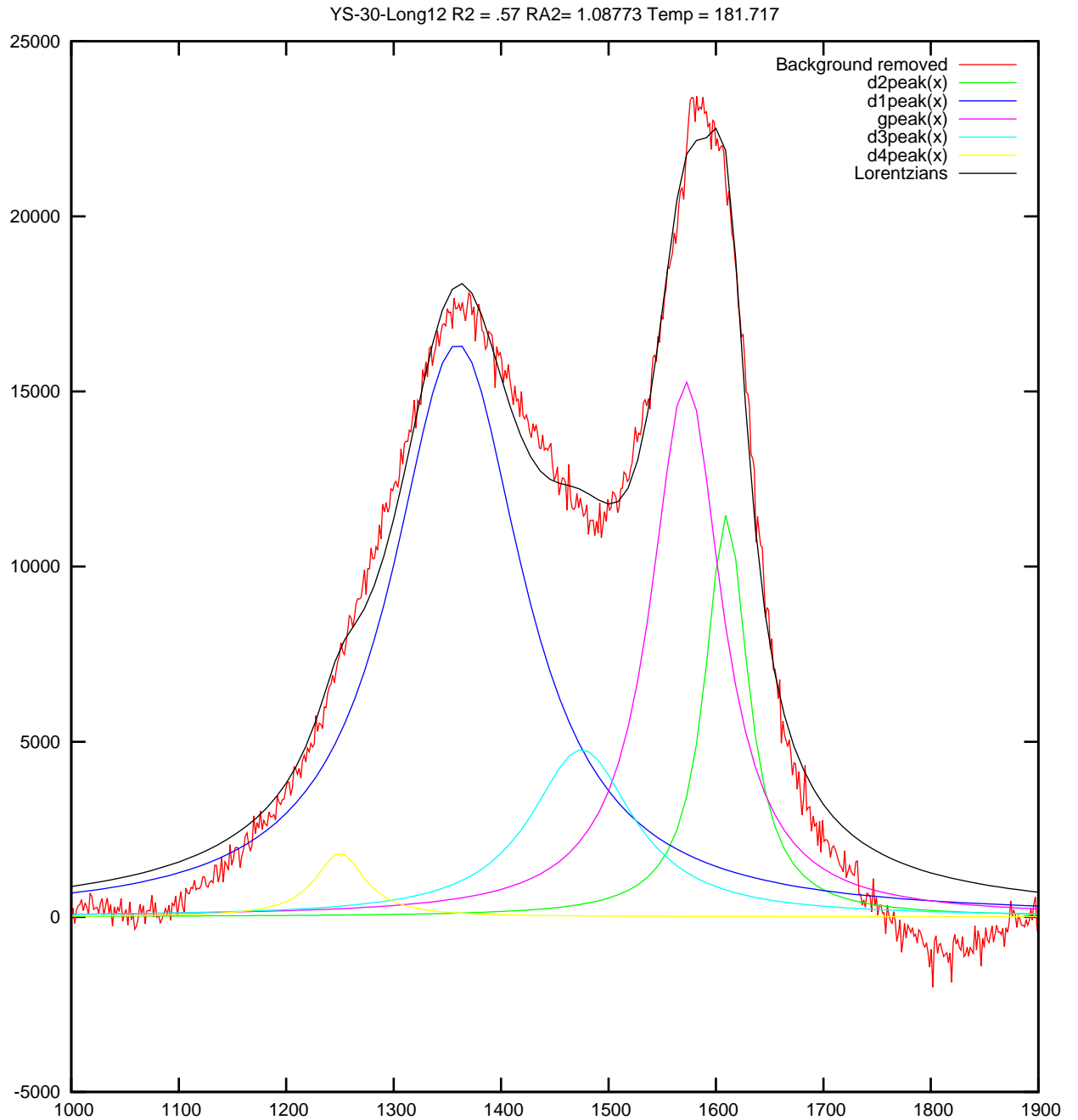
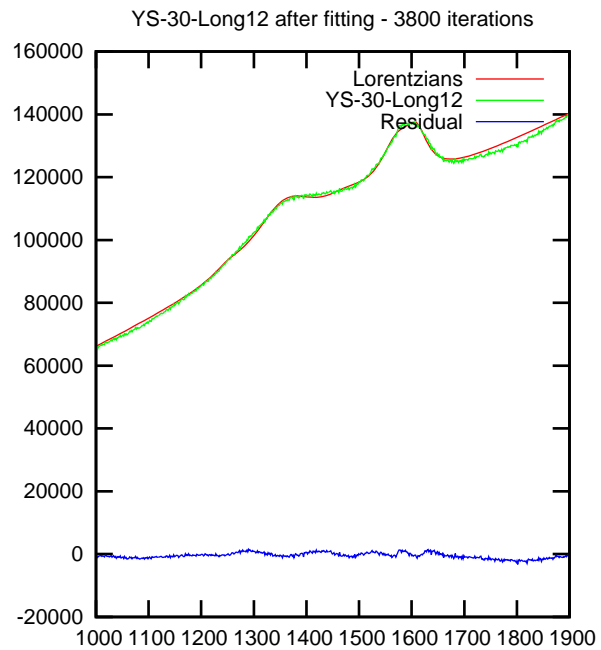
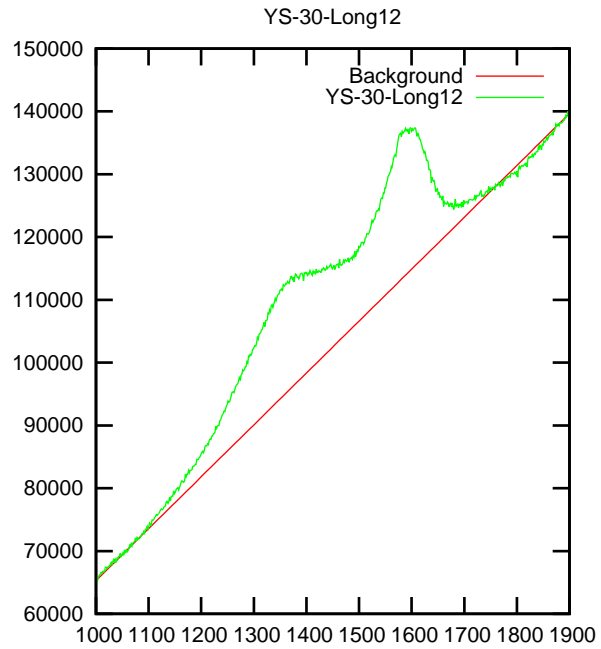
YS-30-Long0a = Noisy

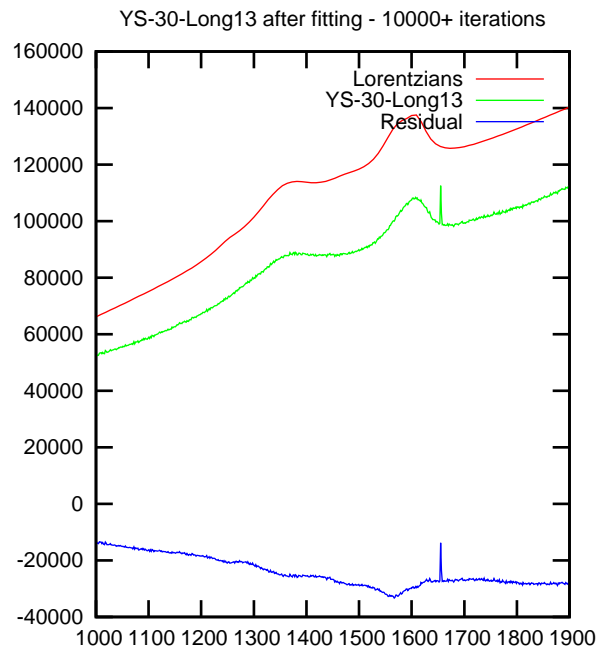
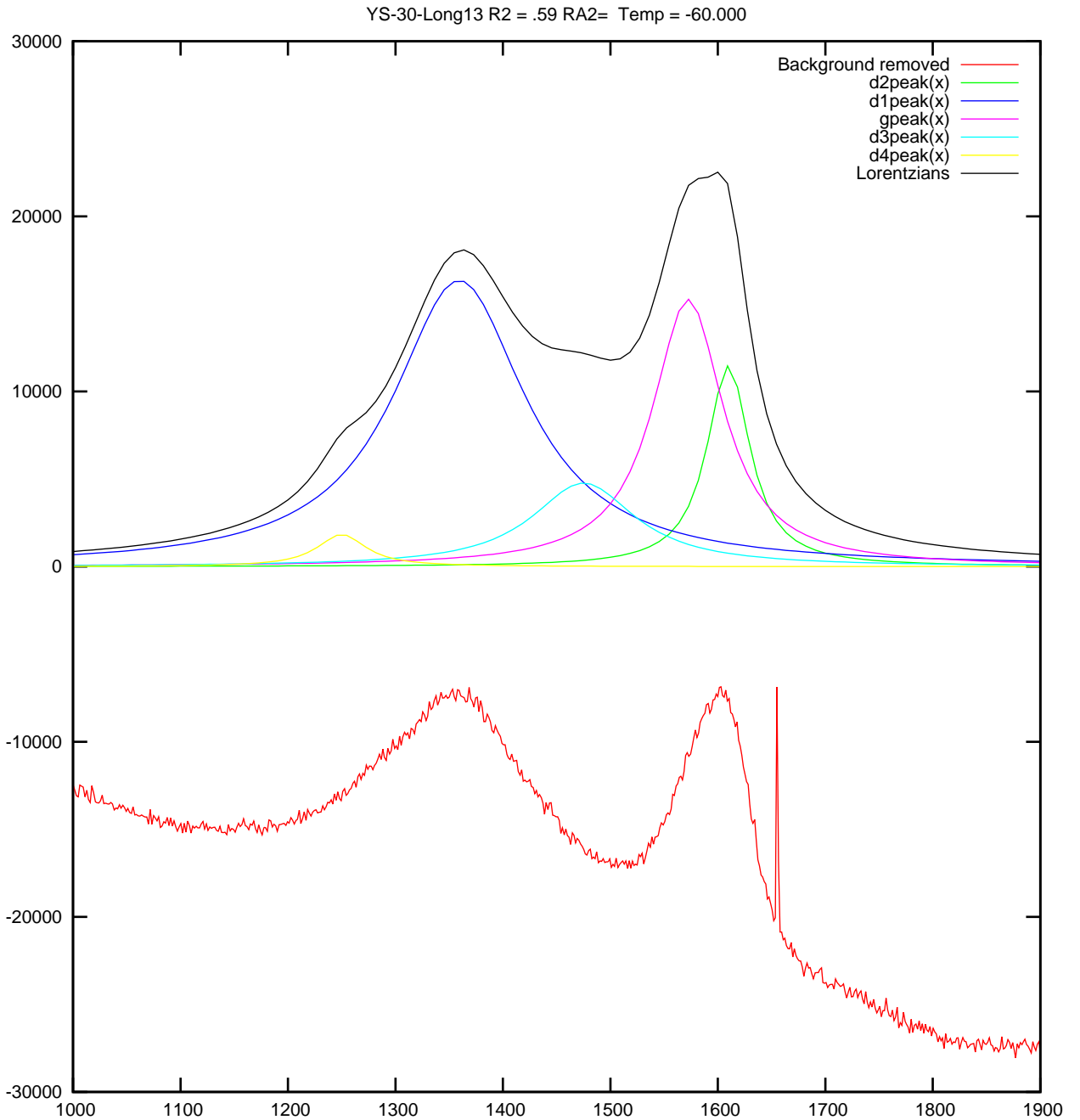
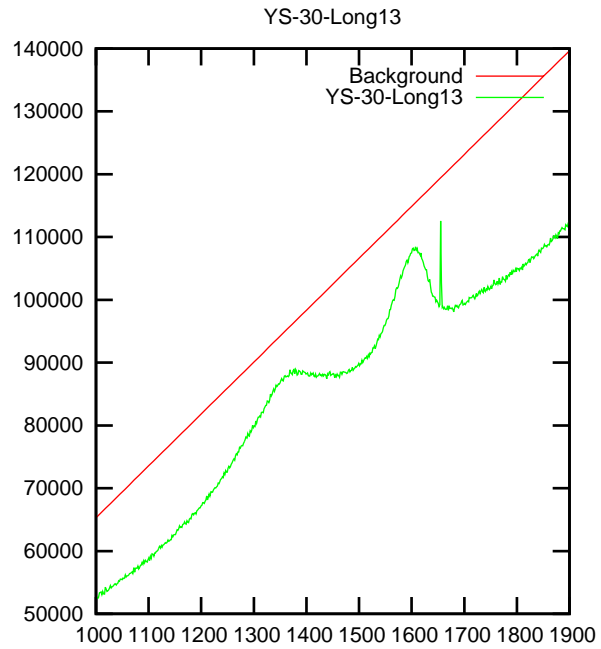
—

YS-30-Long10 = Noisy

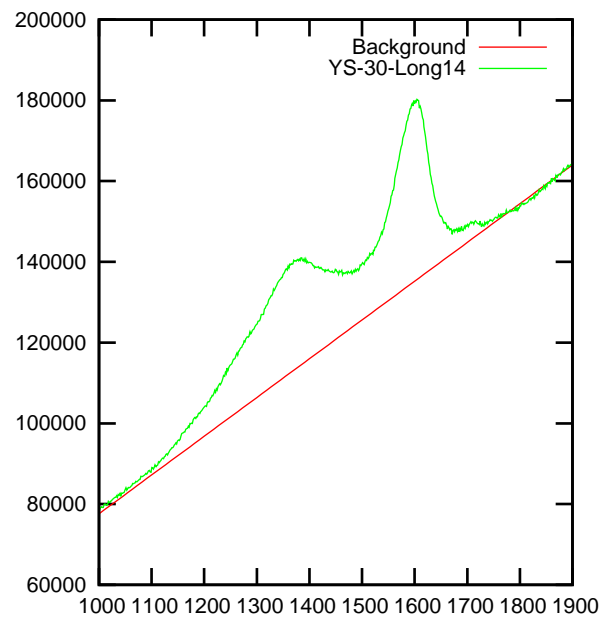




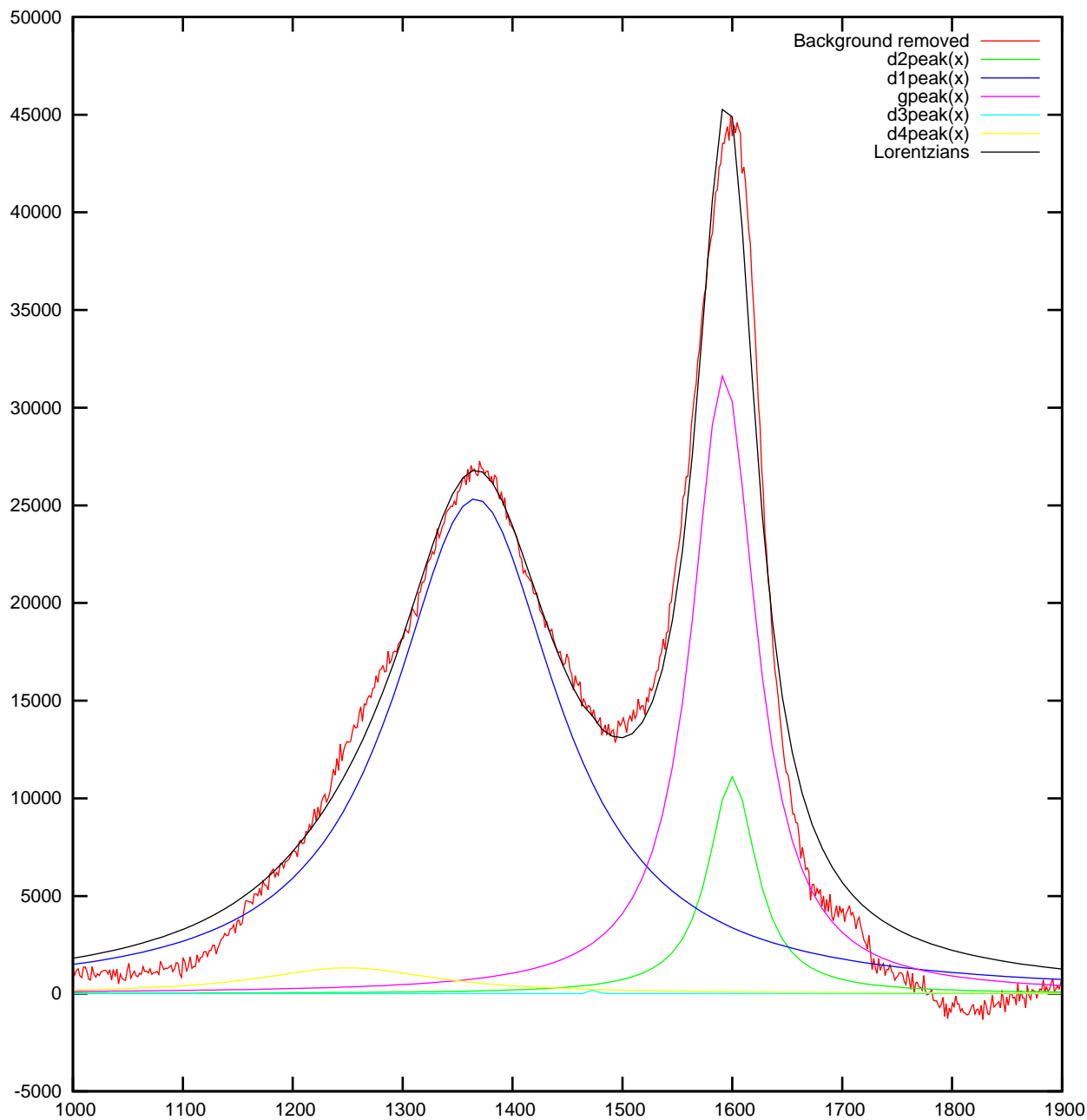




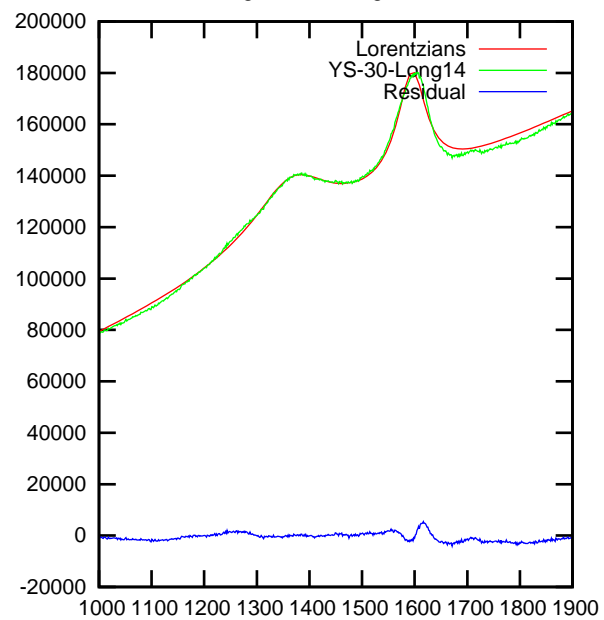
YS-30-Long14

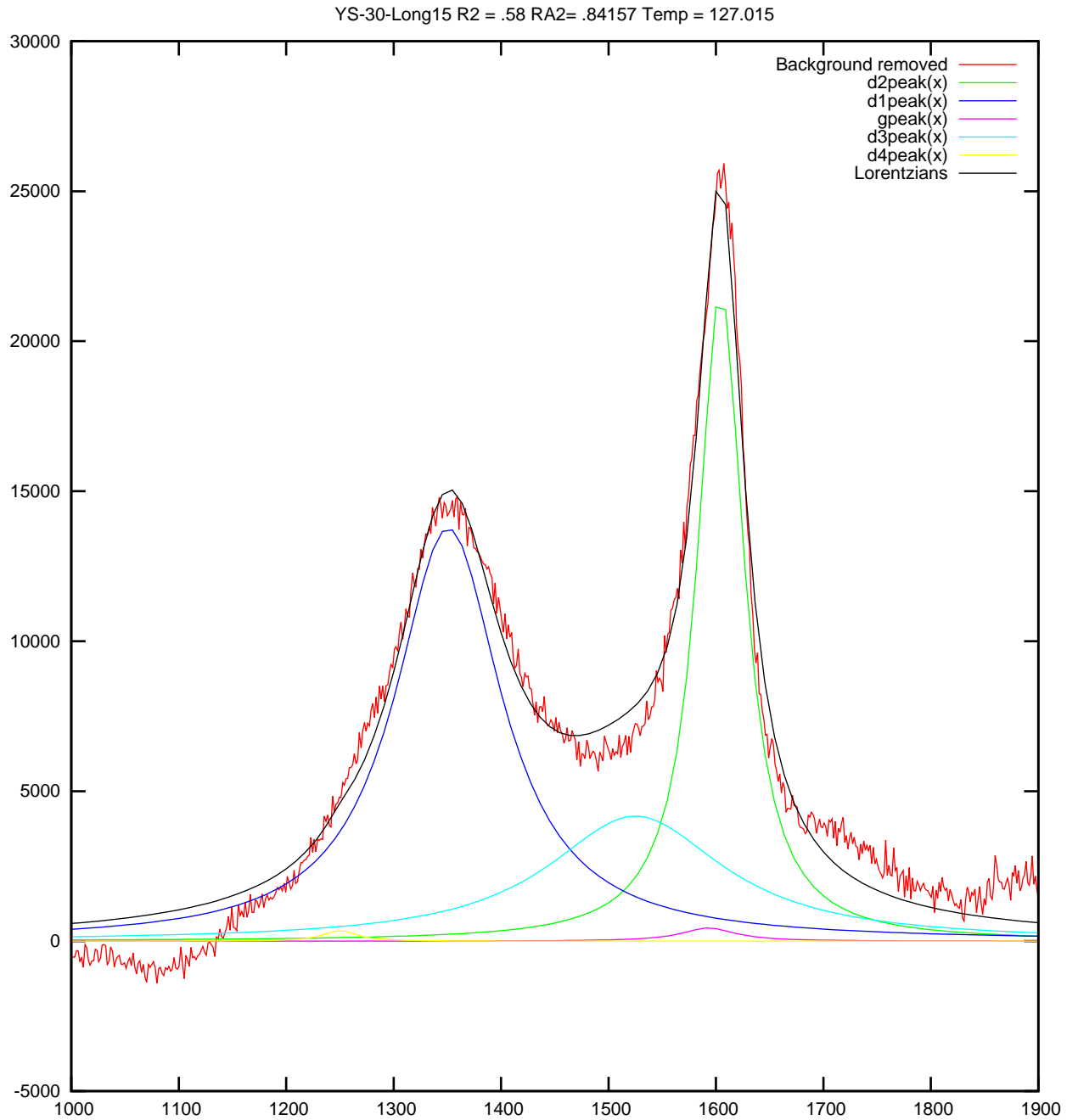
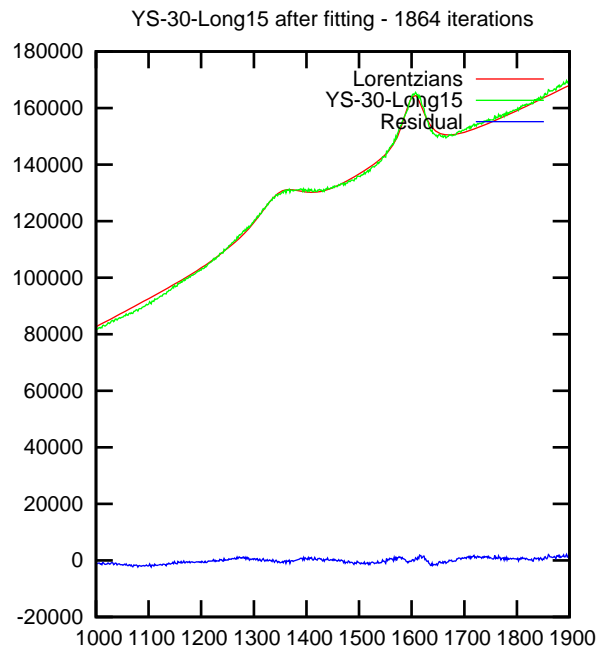
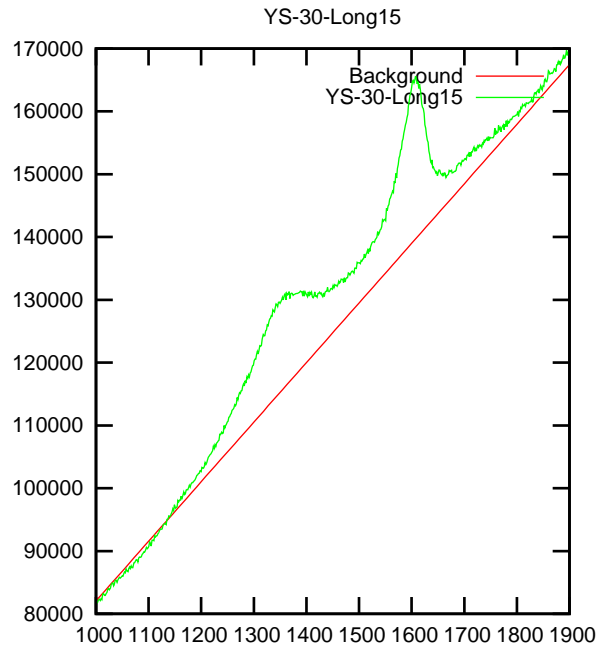


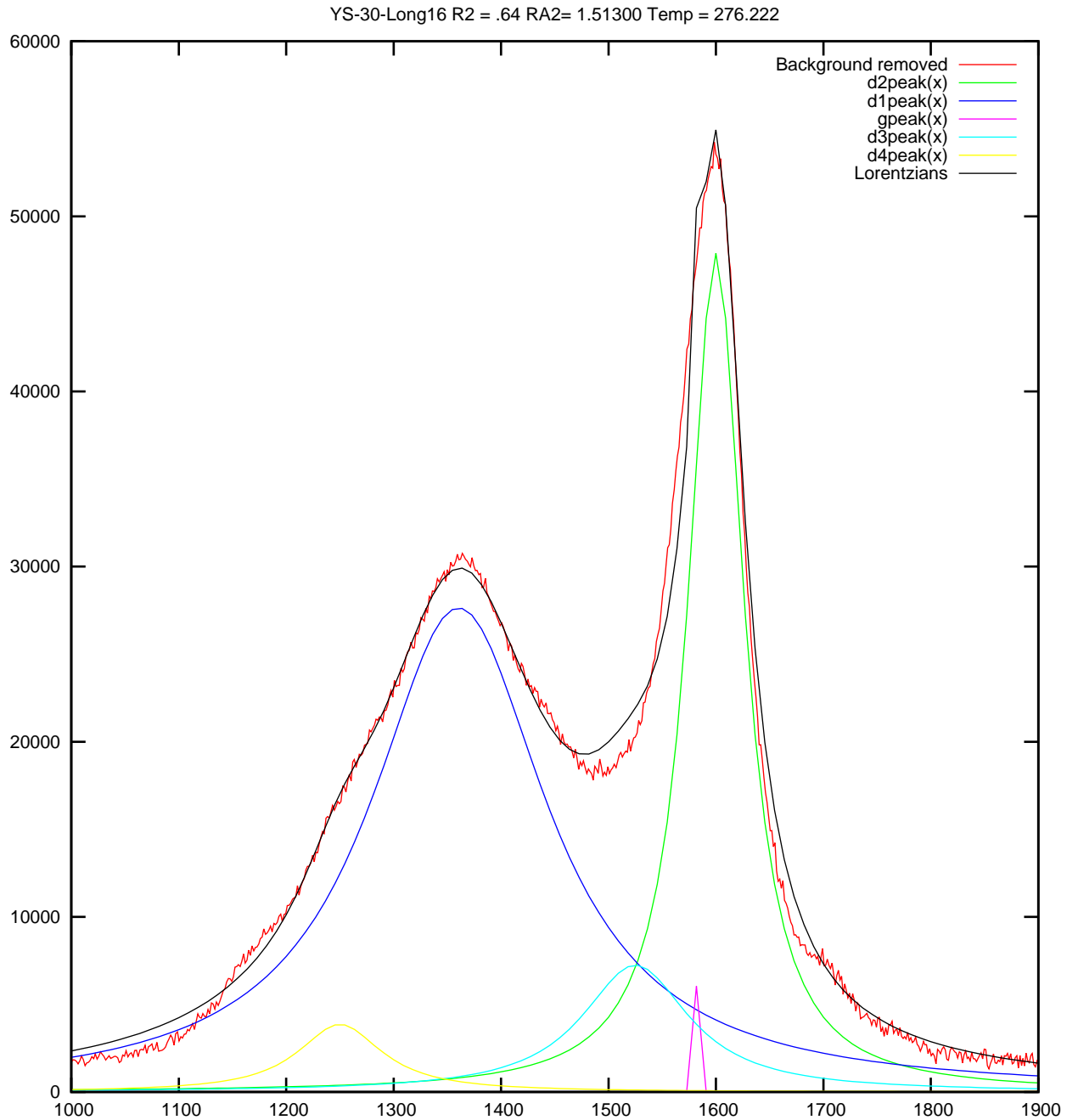
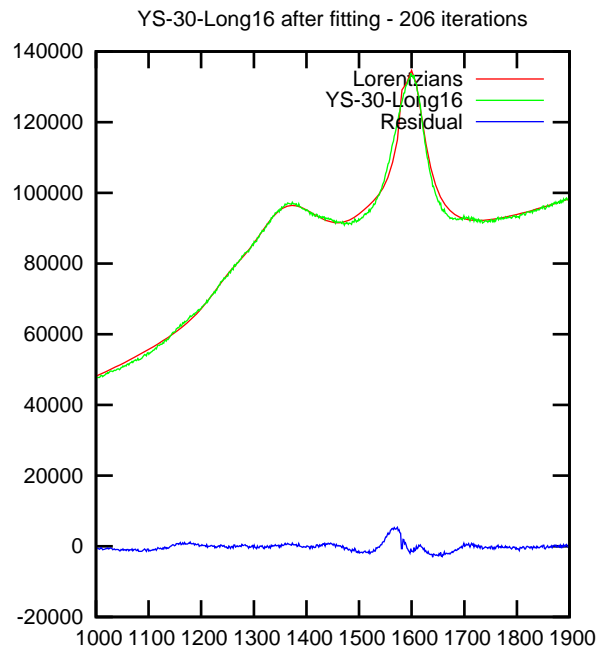
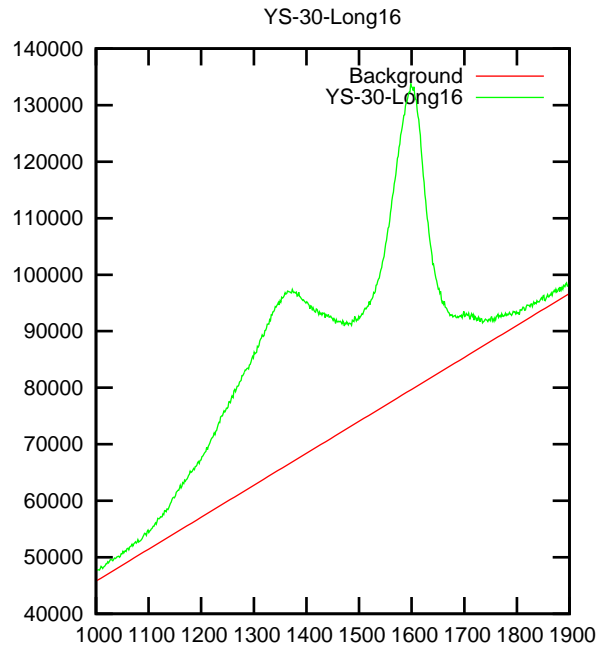
YS-30-Long14 R2 = .62 RA2= 1.72447 Temp = 323.215



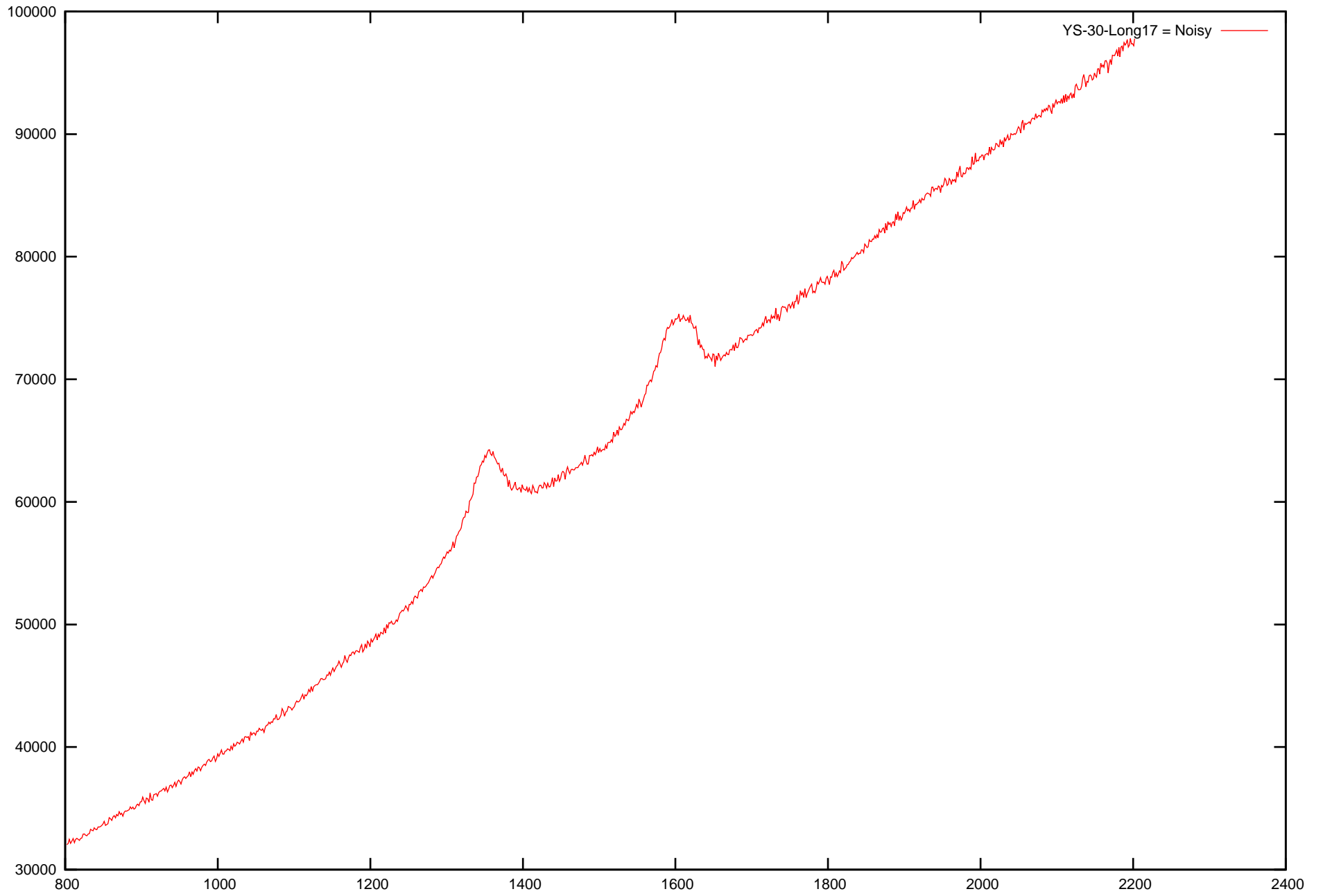
YS-30-Long14 after fitting - 769 iterations

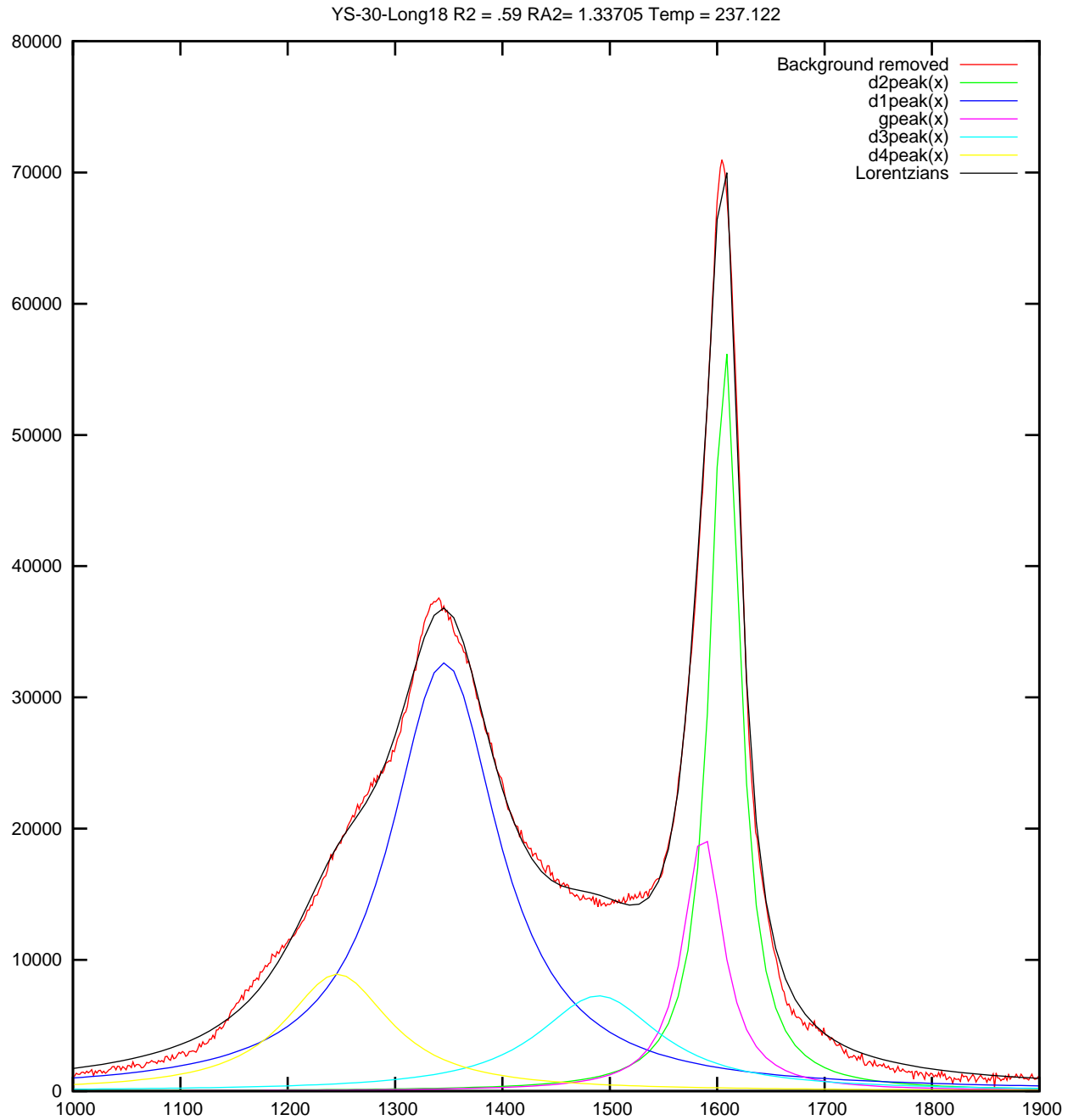
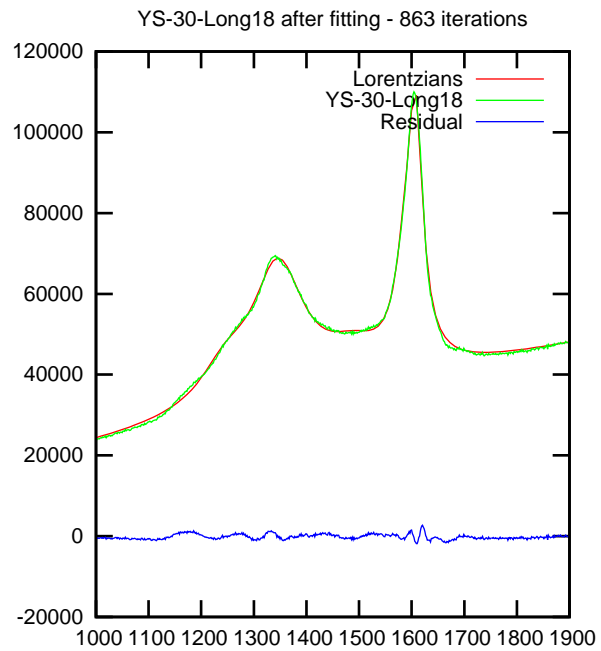
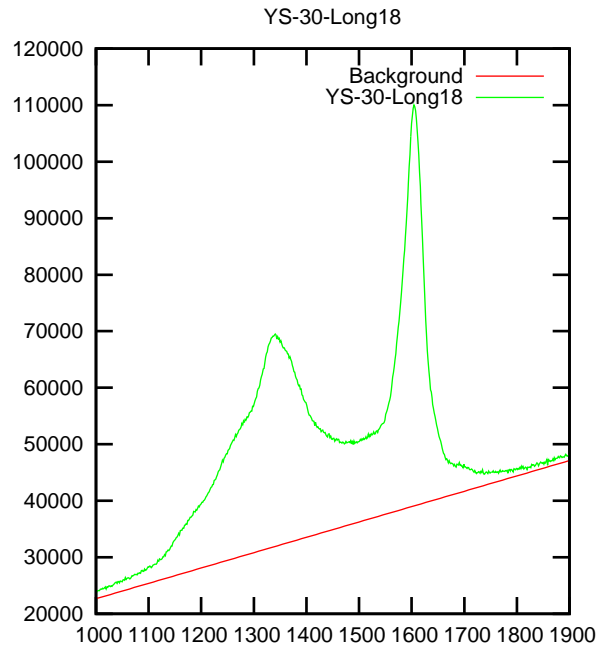


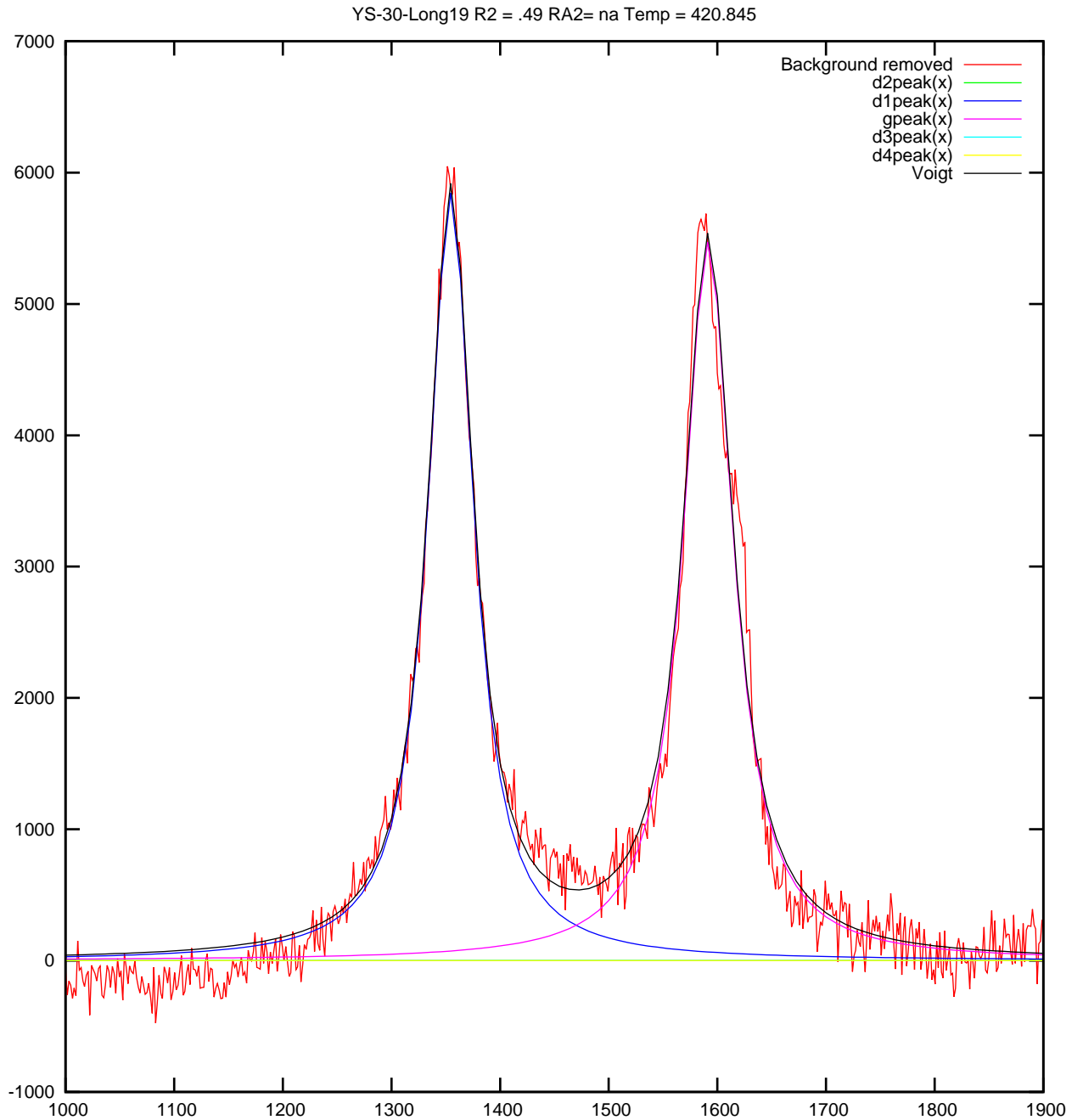
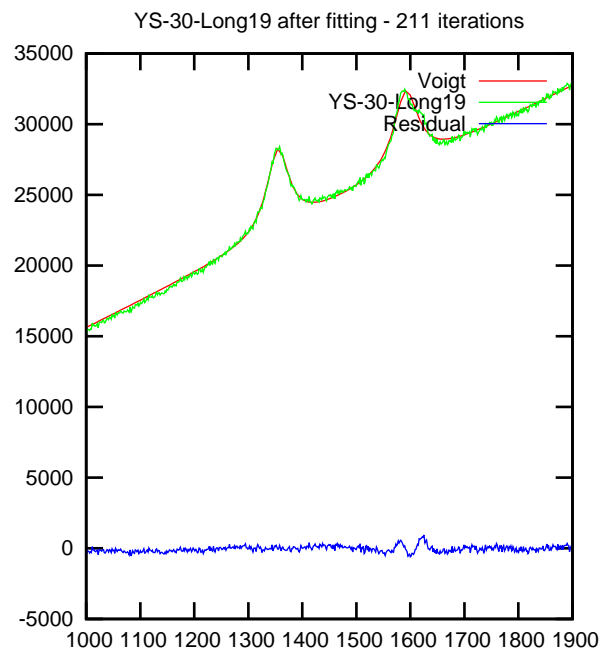
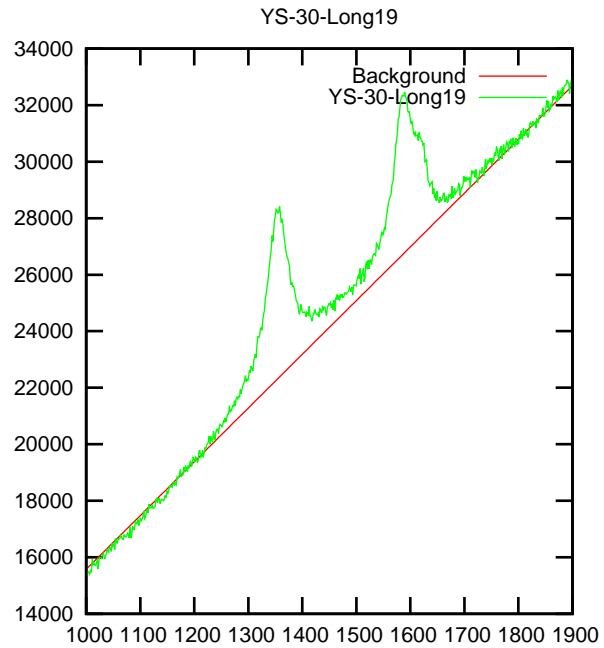


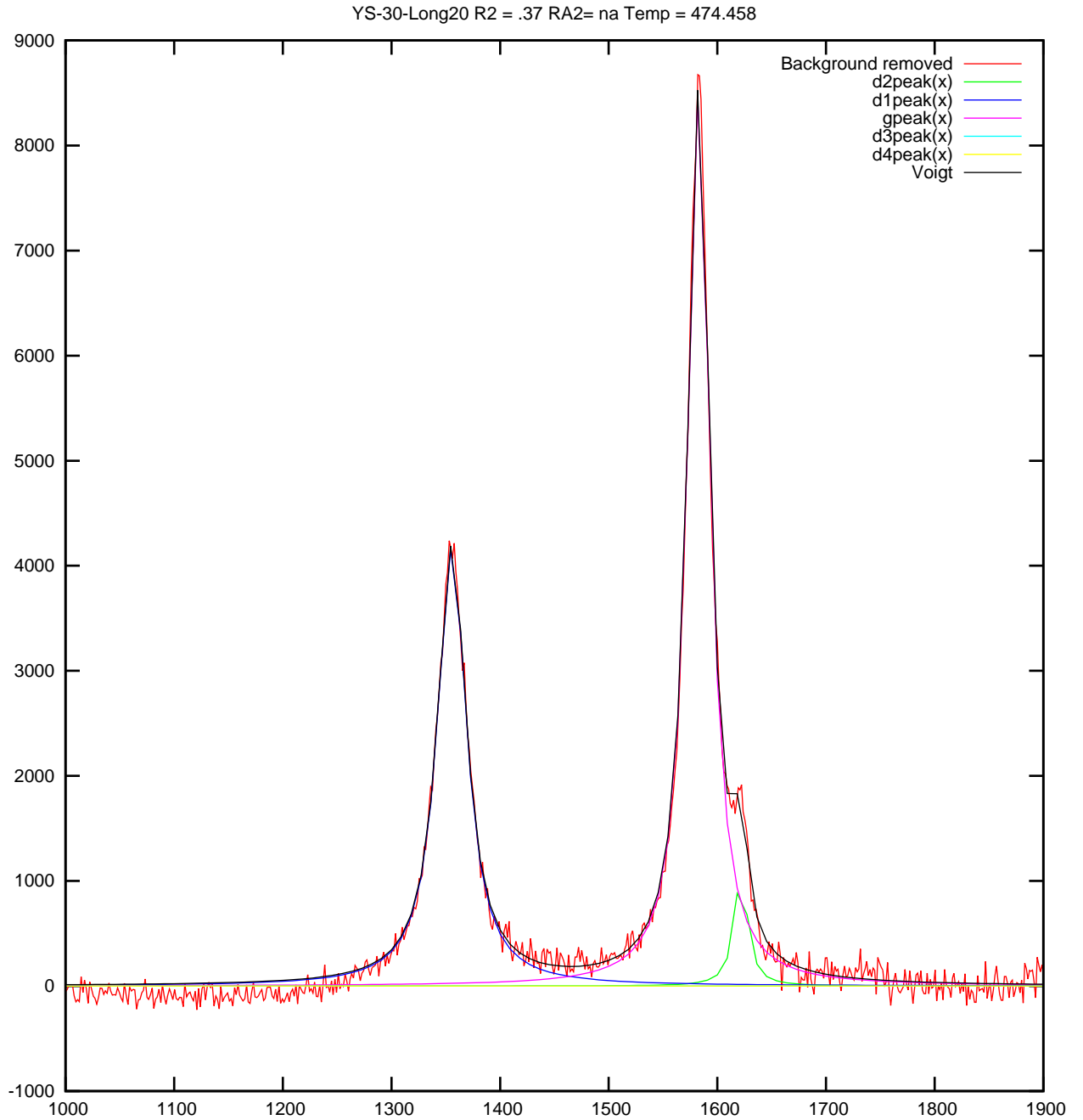
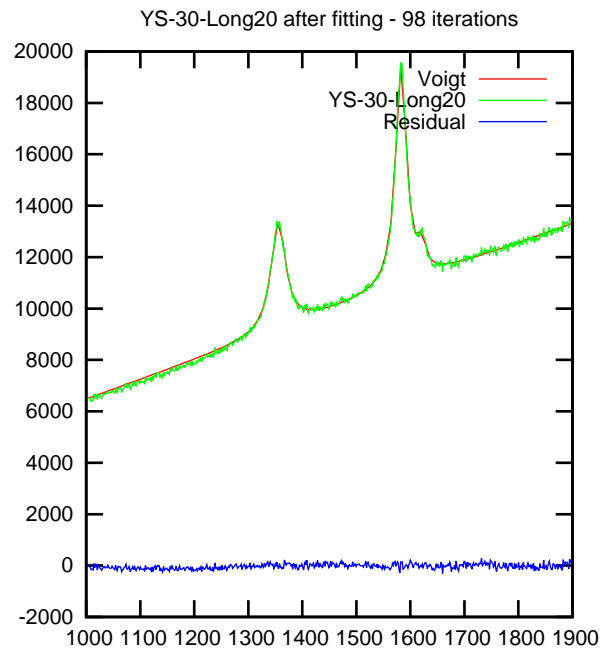
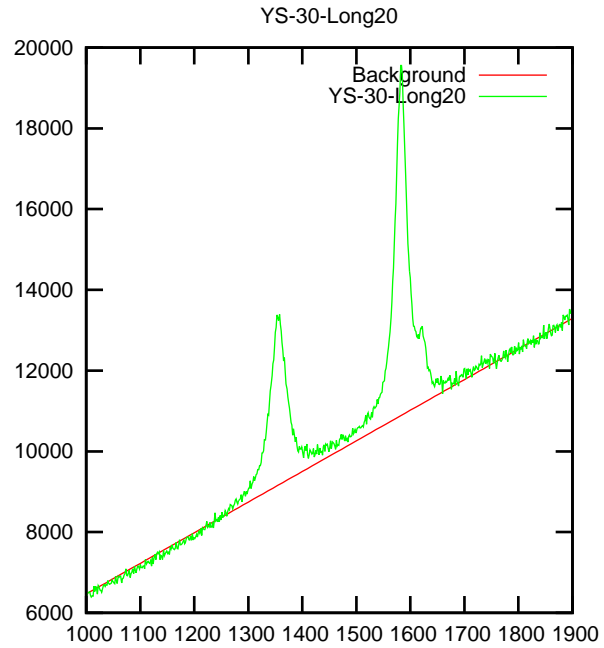


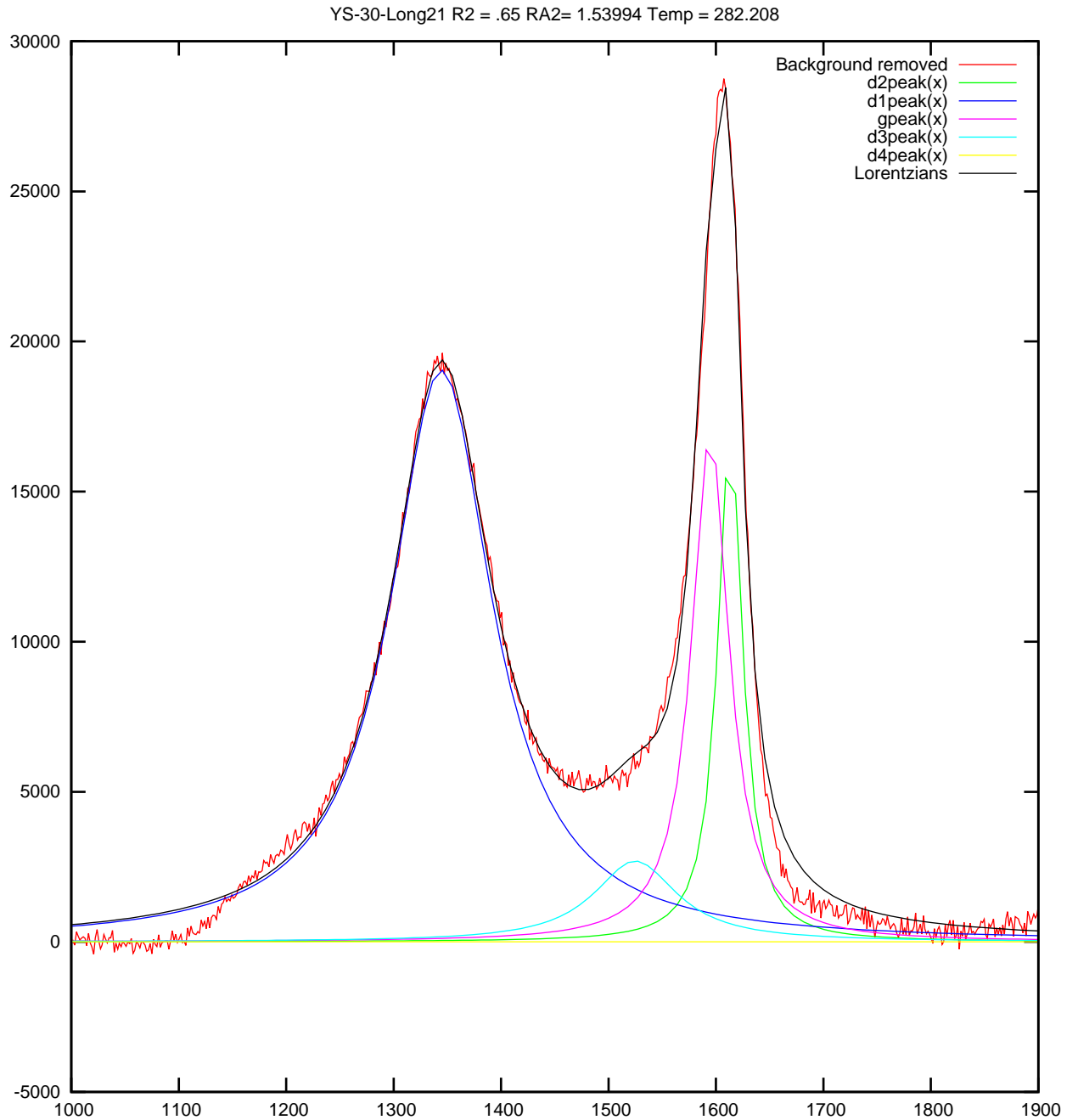
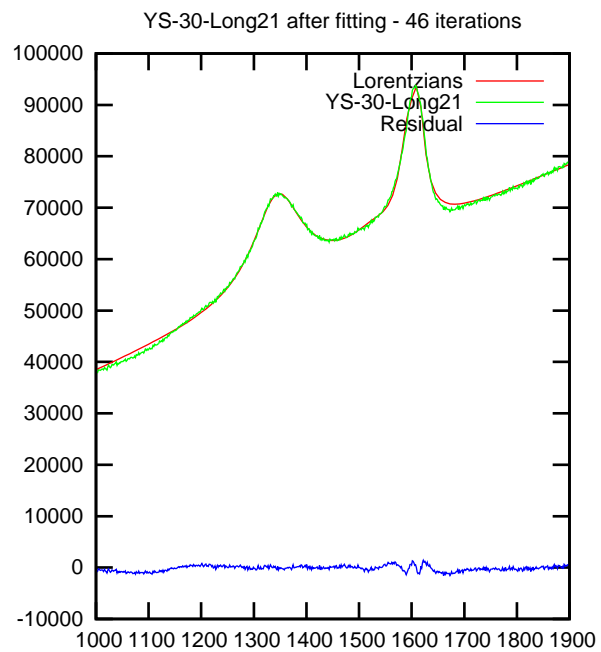
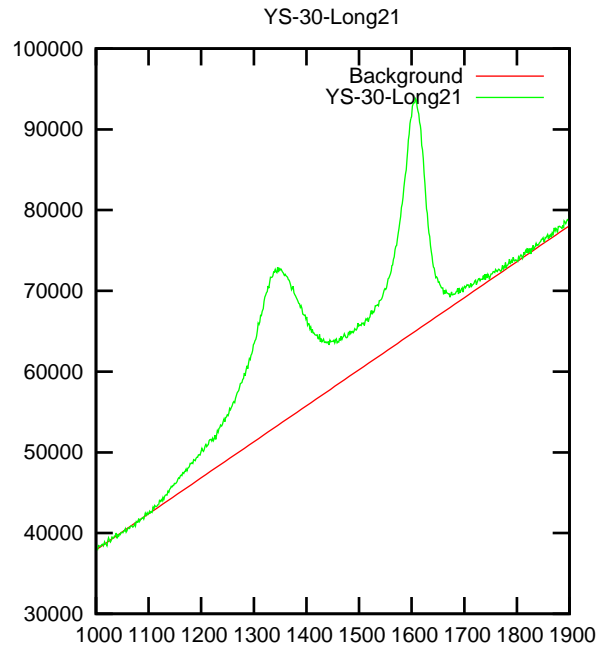
YS-30-Long17 = Noisy

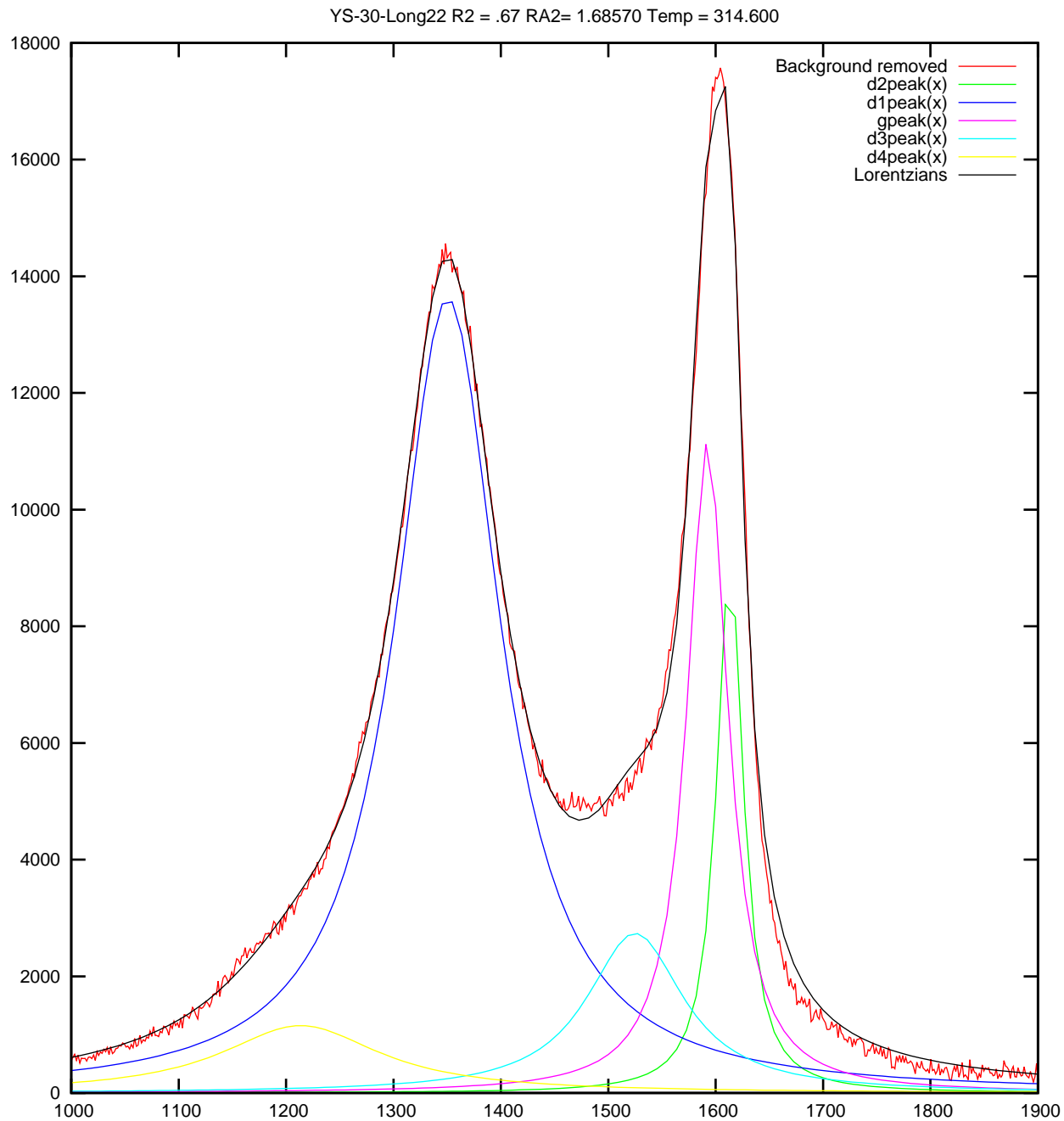
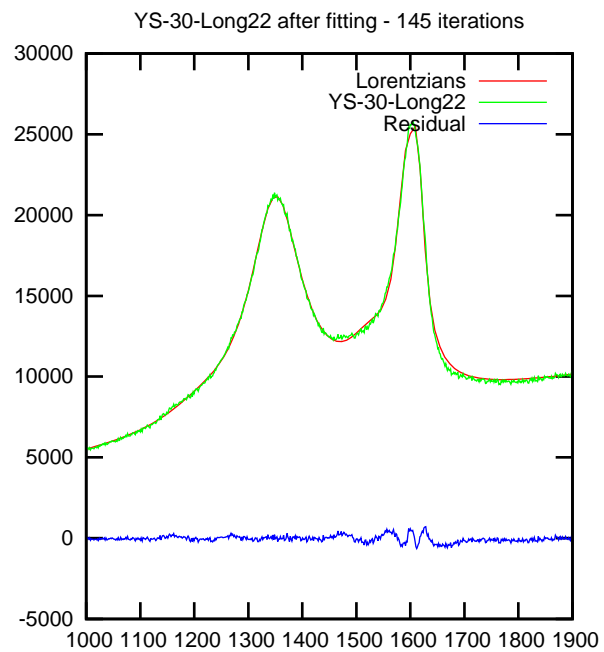
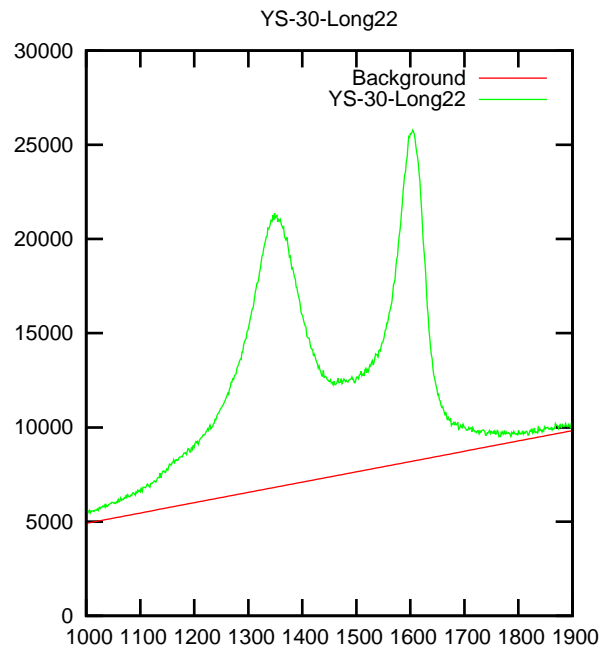


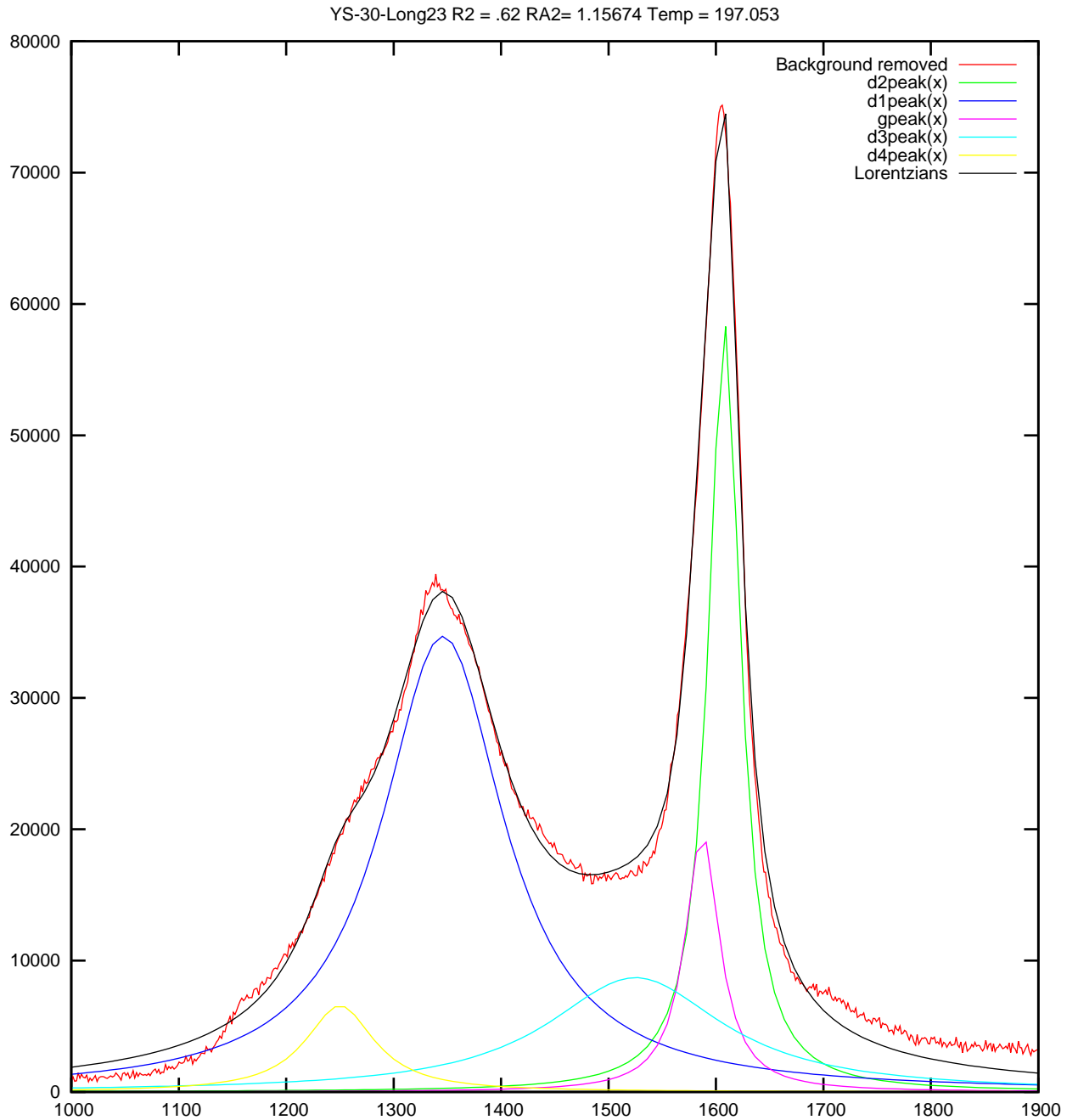
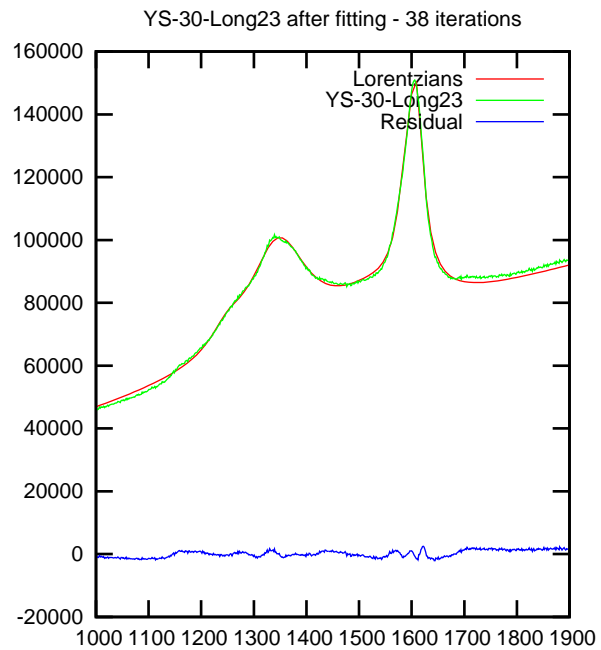
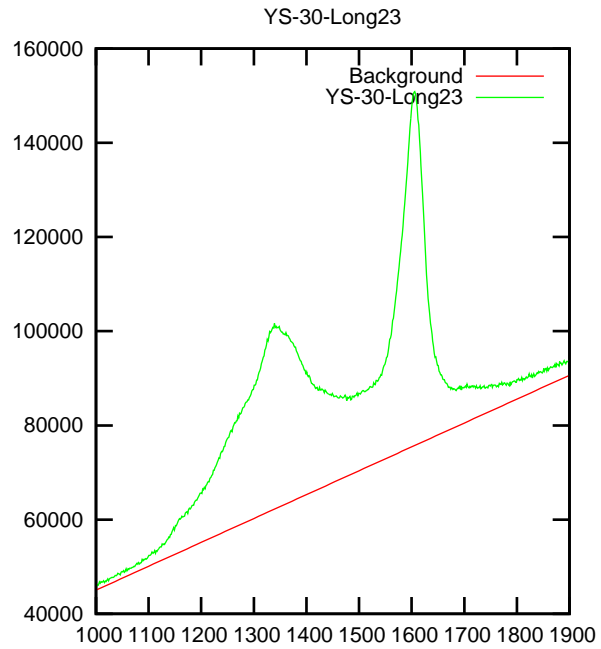




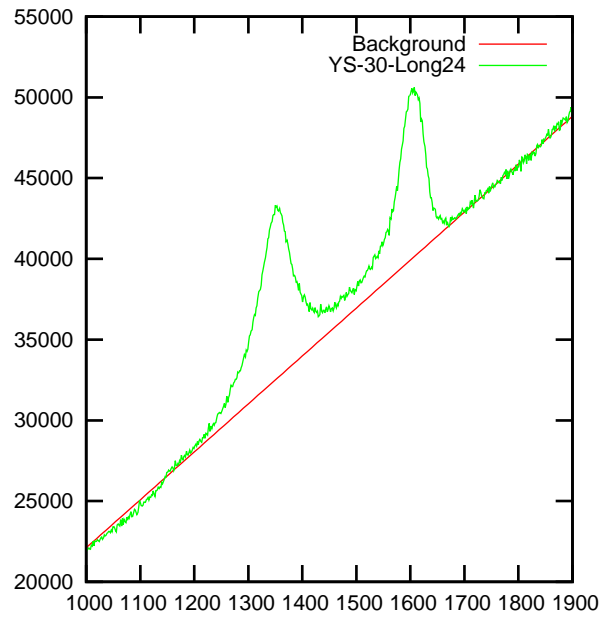




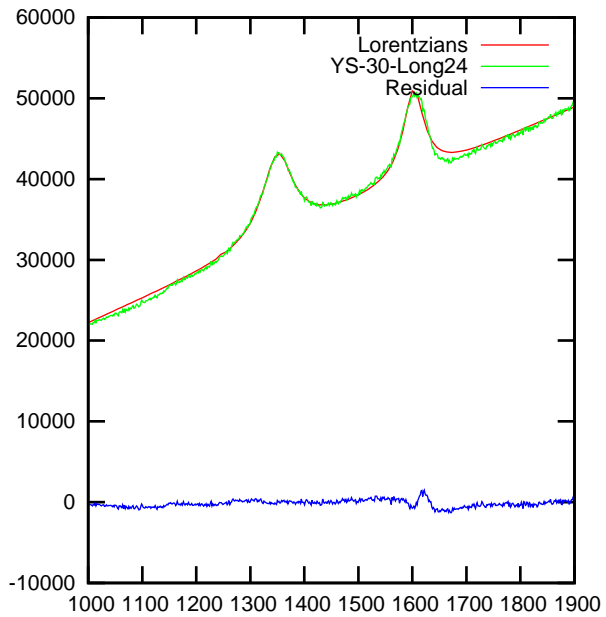




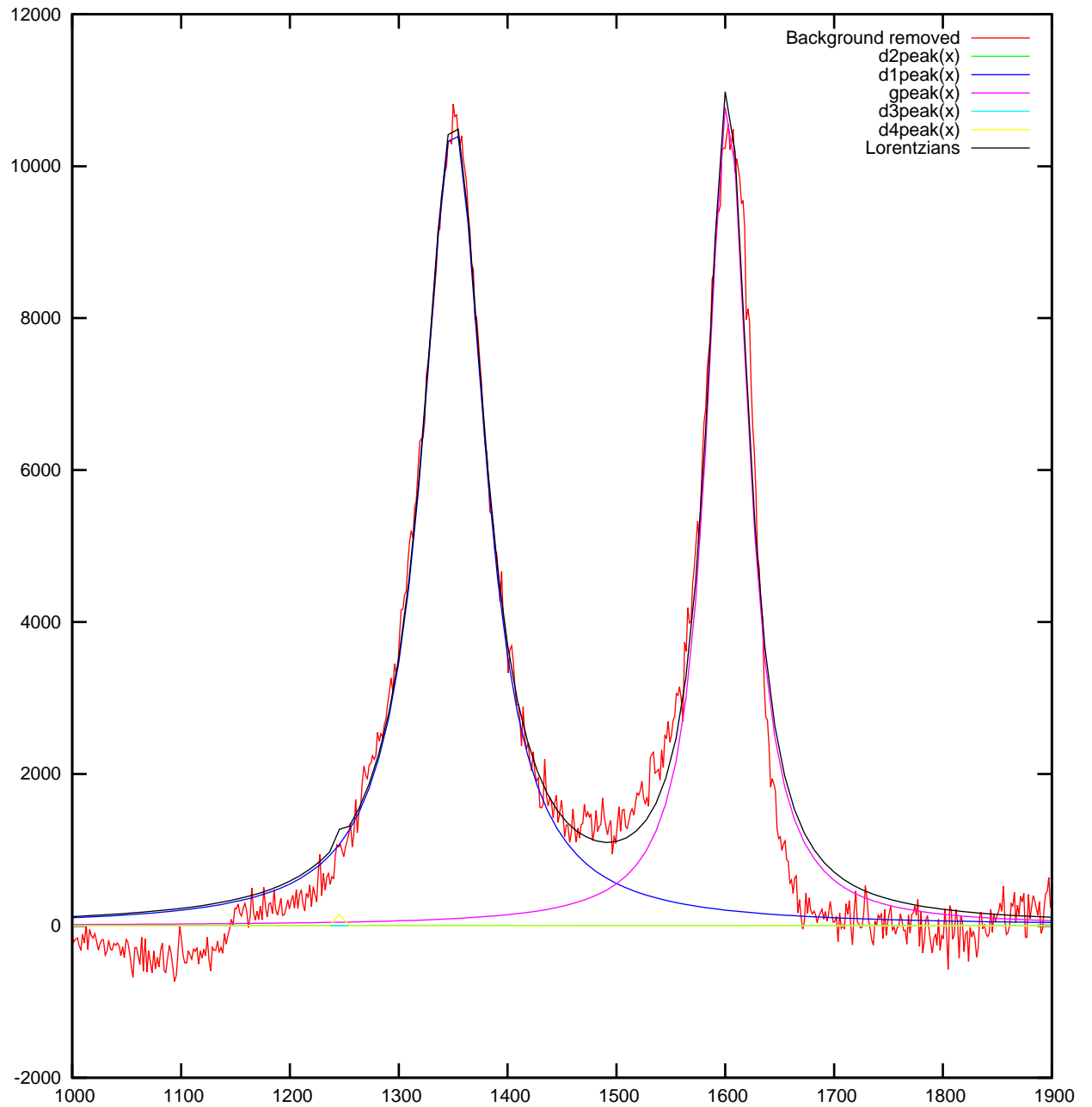
YS-30-Long24

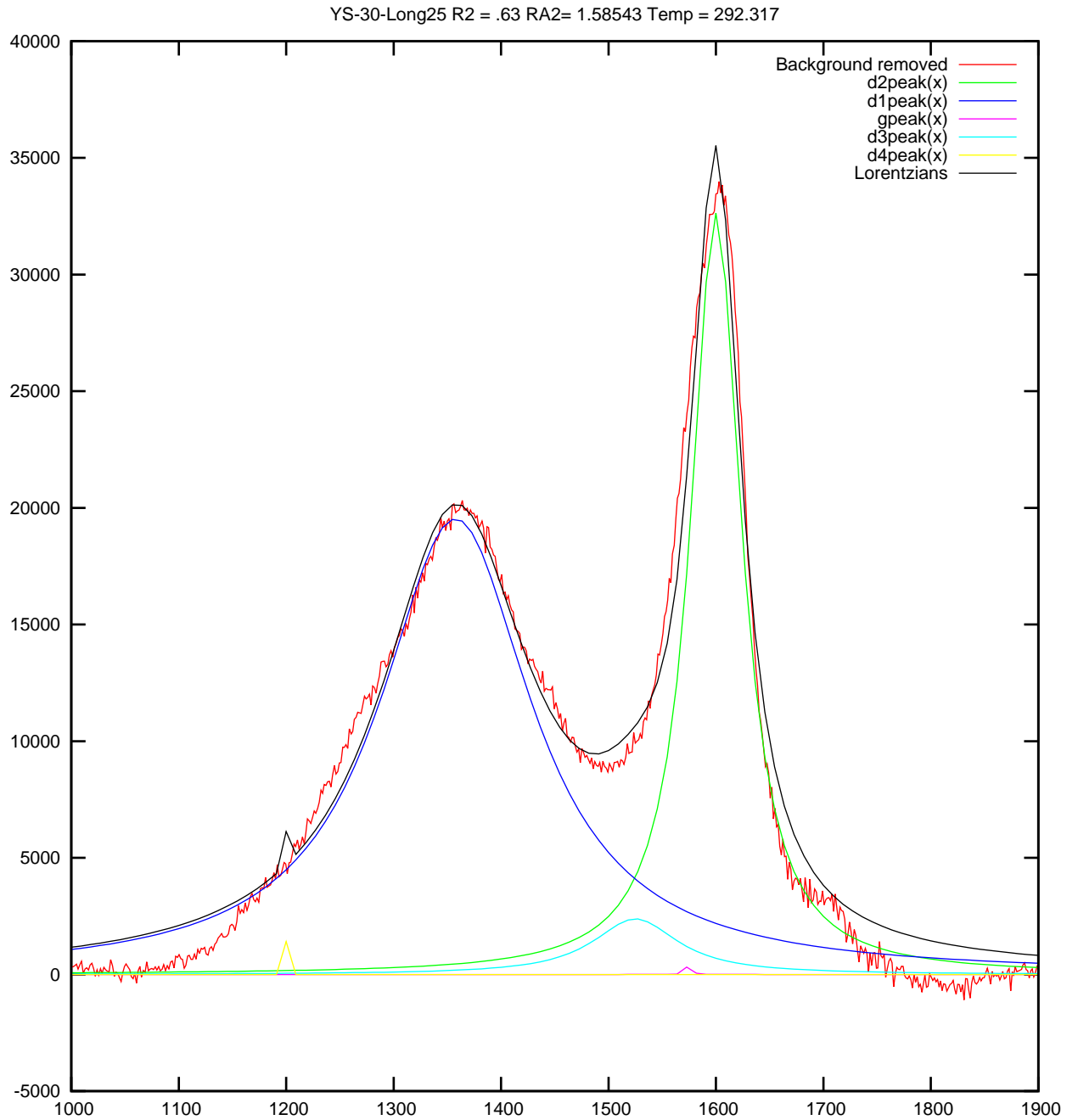
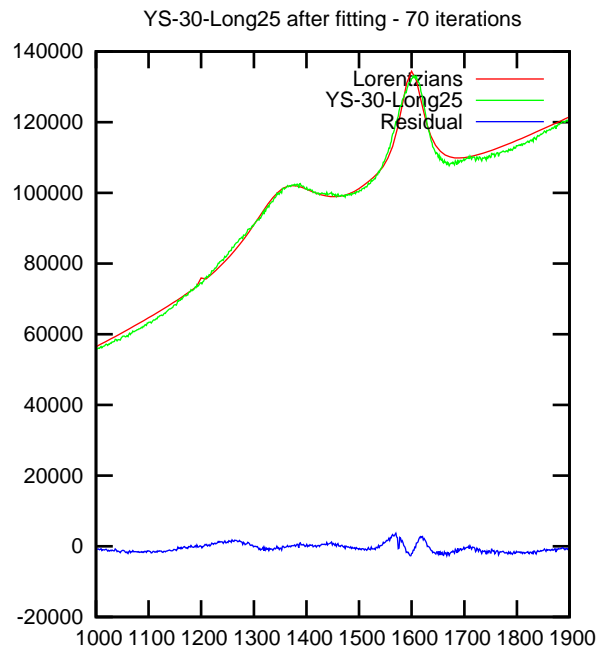
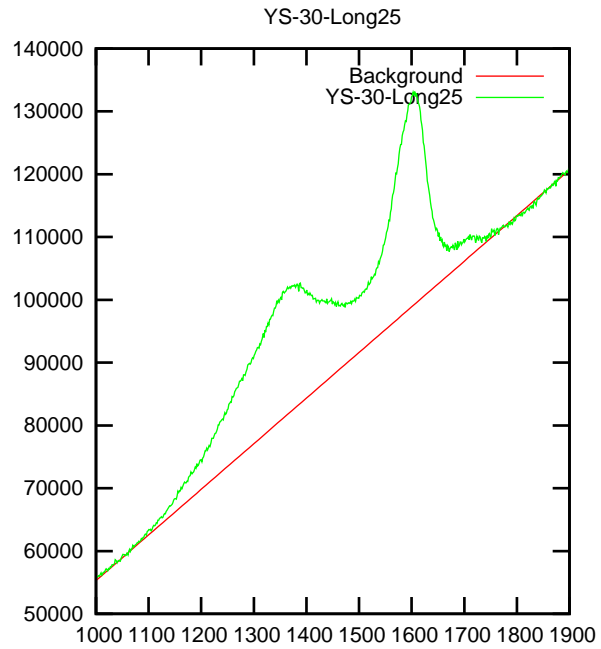


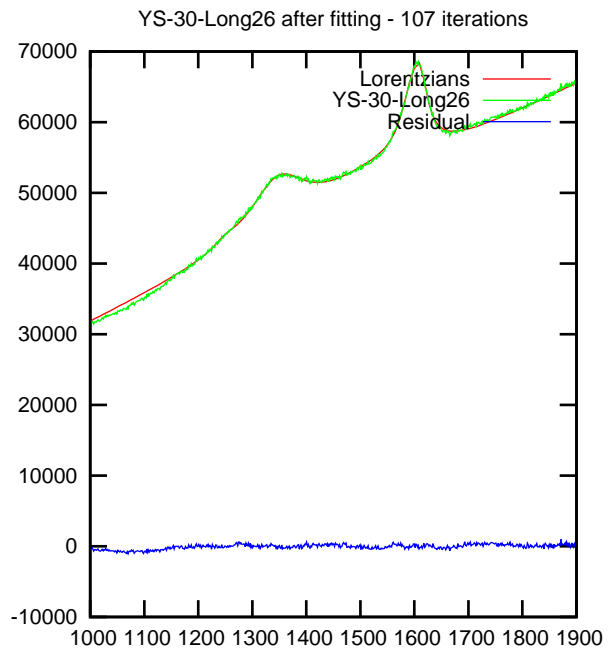
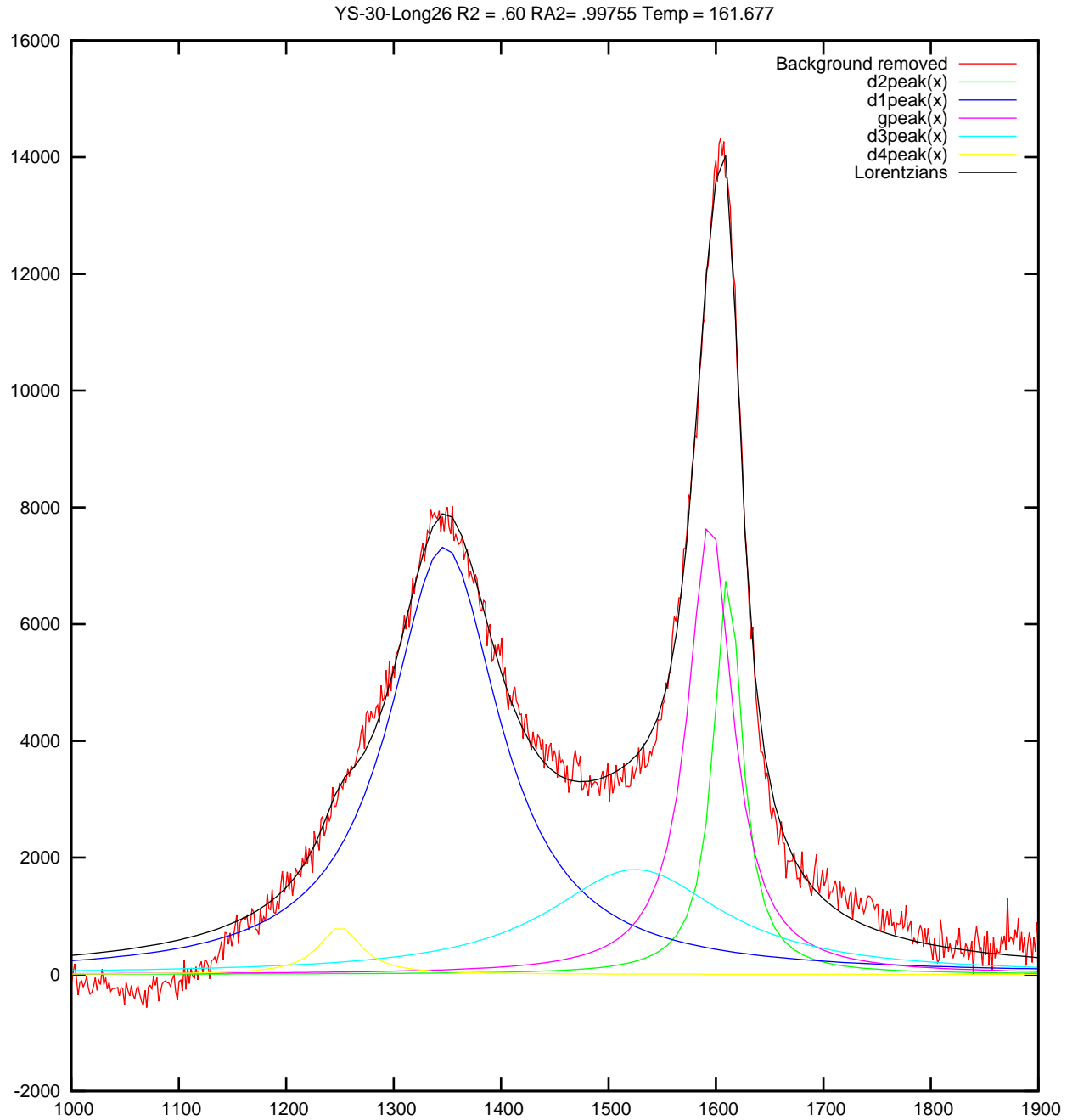
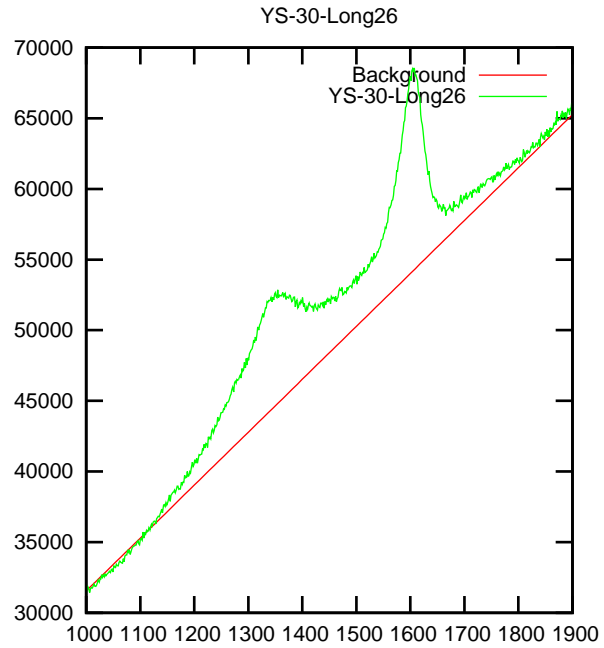
YS-30-Long24 after fitting - 244 iterations

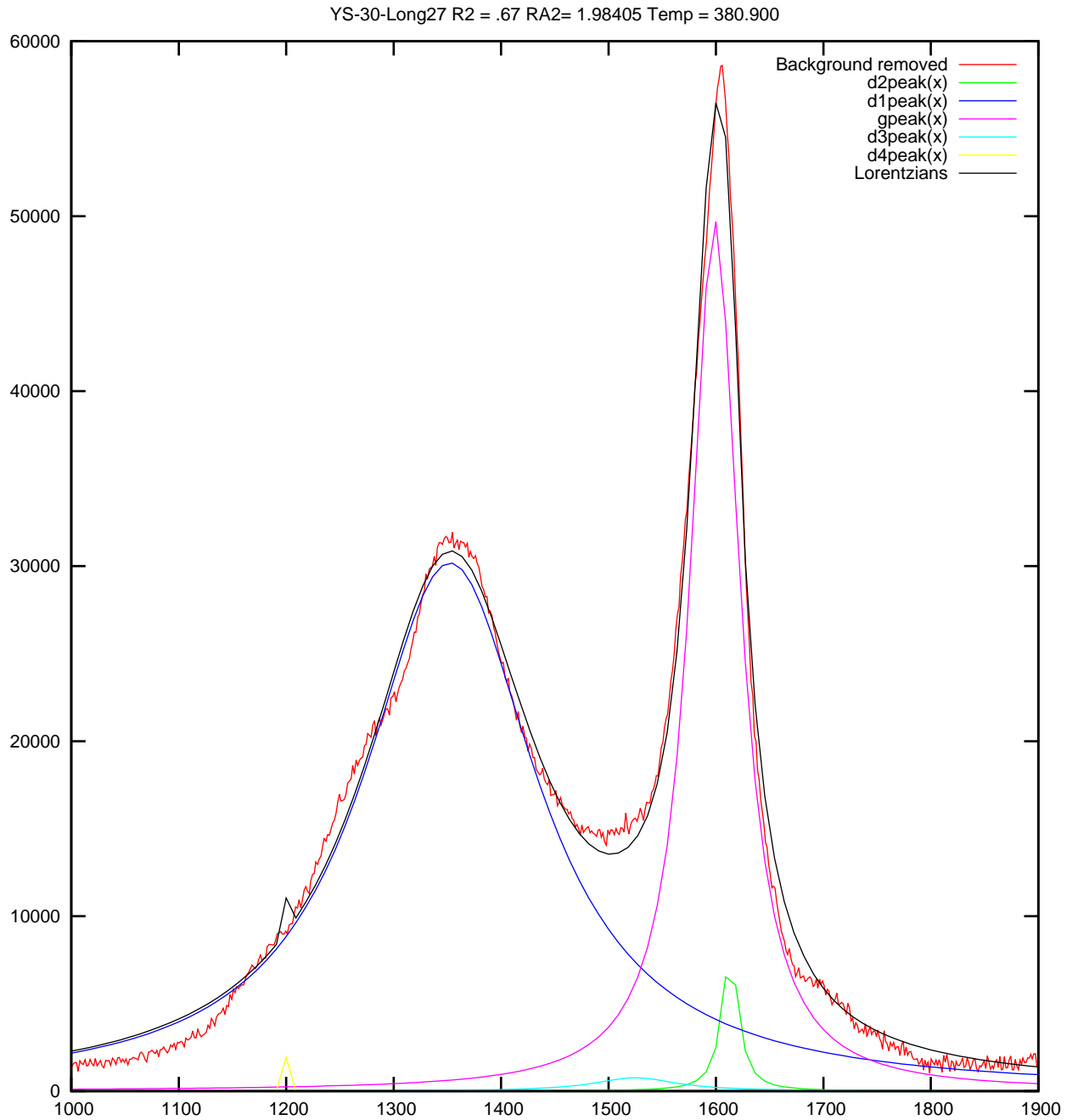
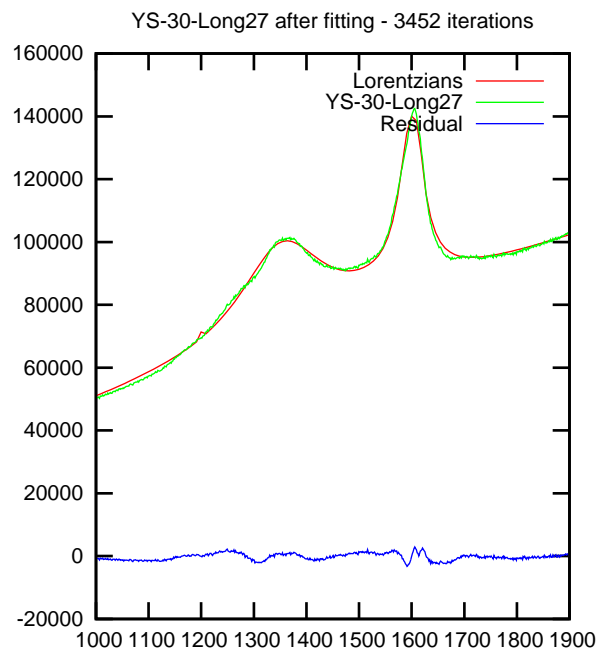
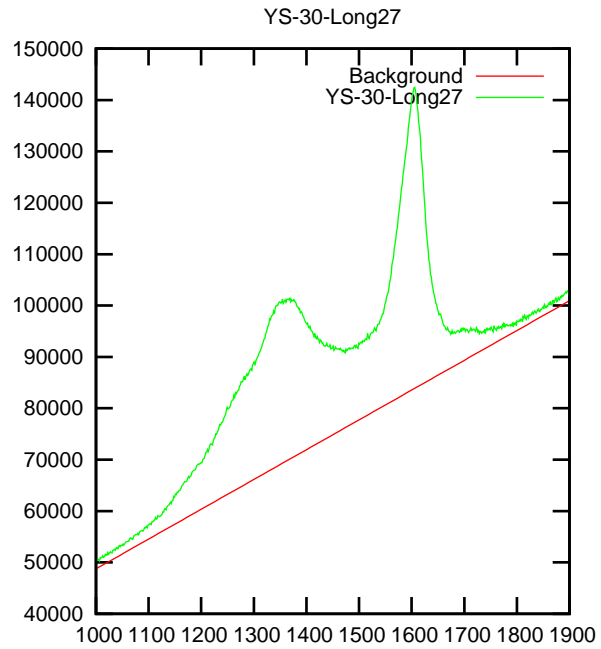


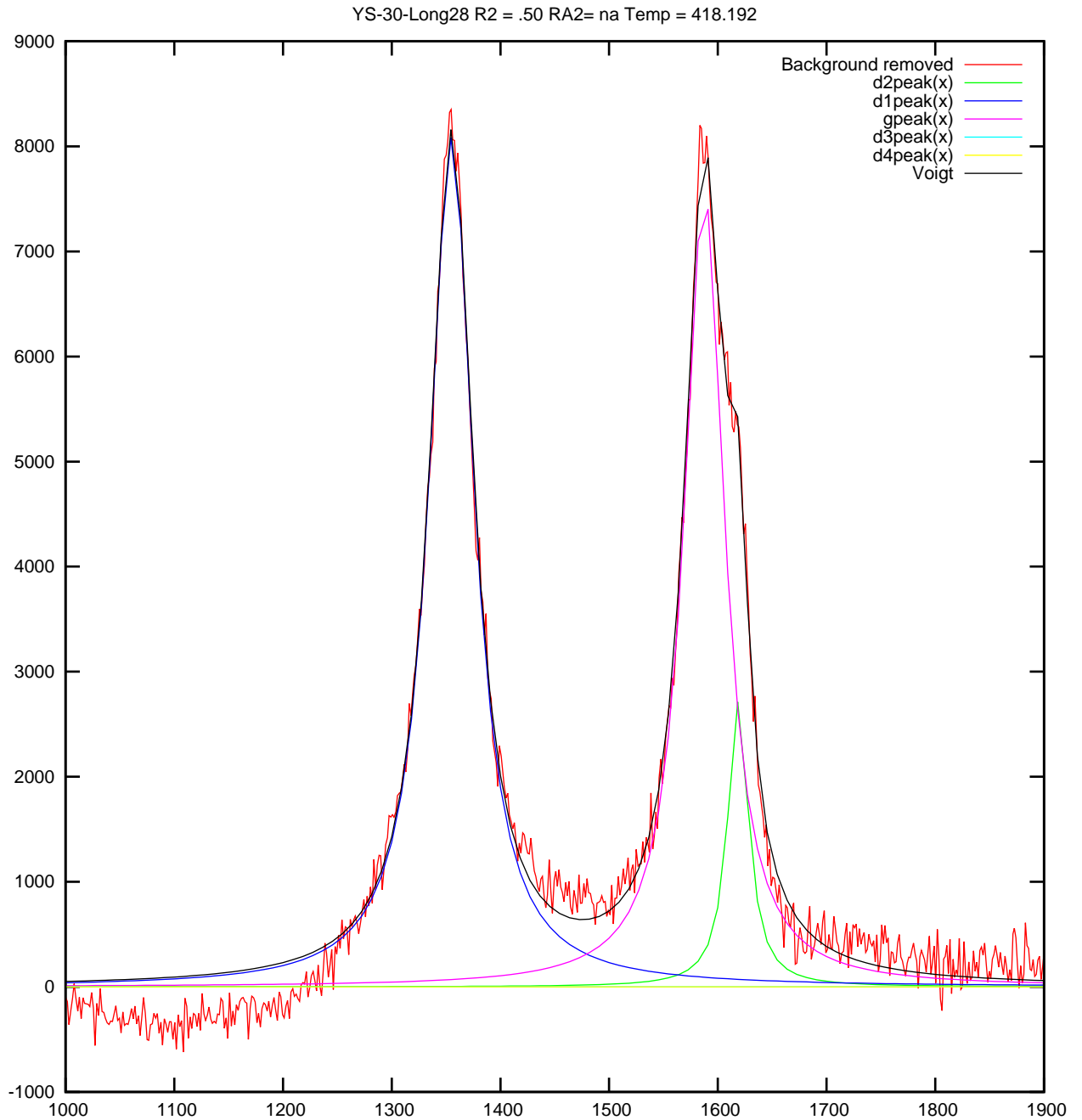
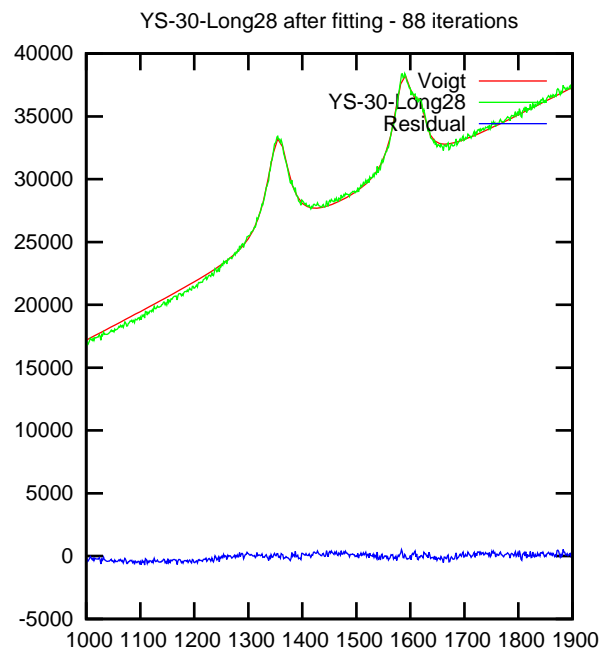
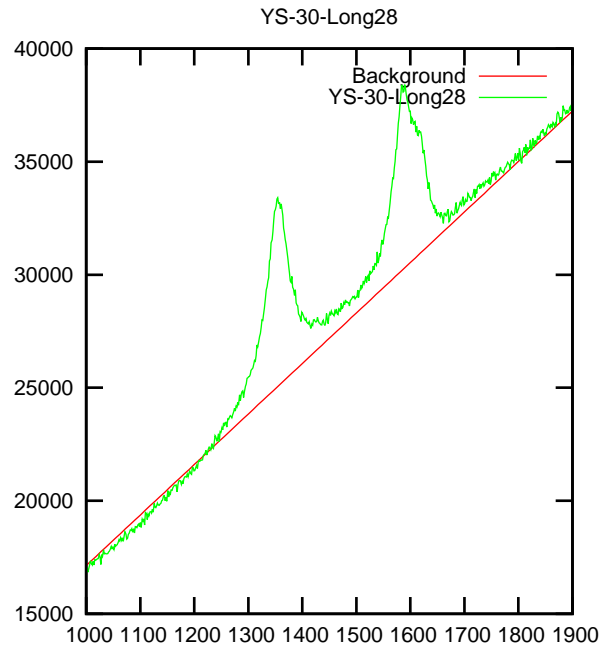
YS-30-Long24 R2 = .59 RA2= 1.44967 Temp = 262.148



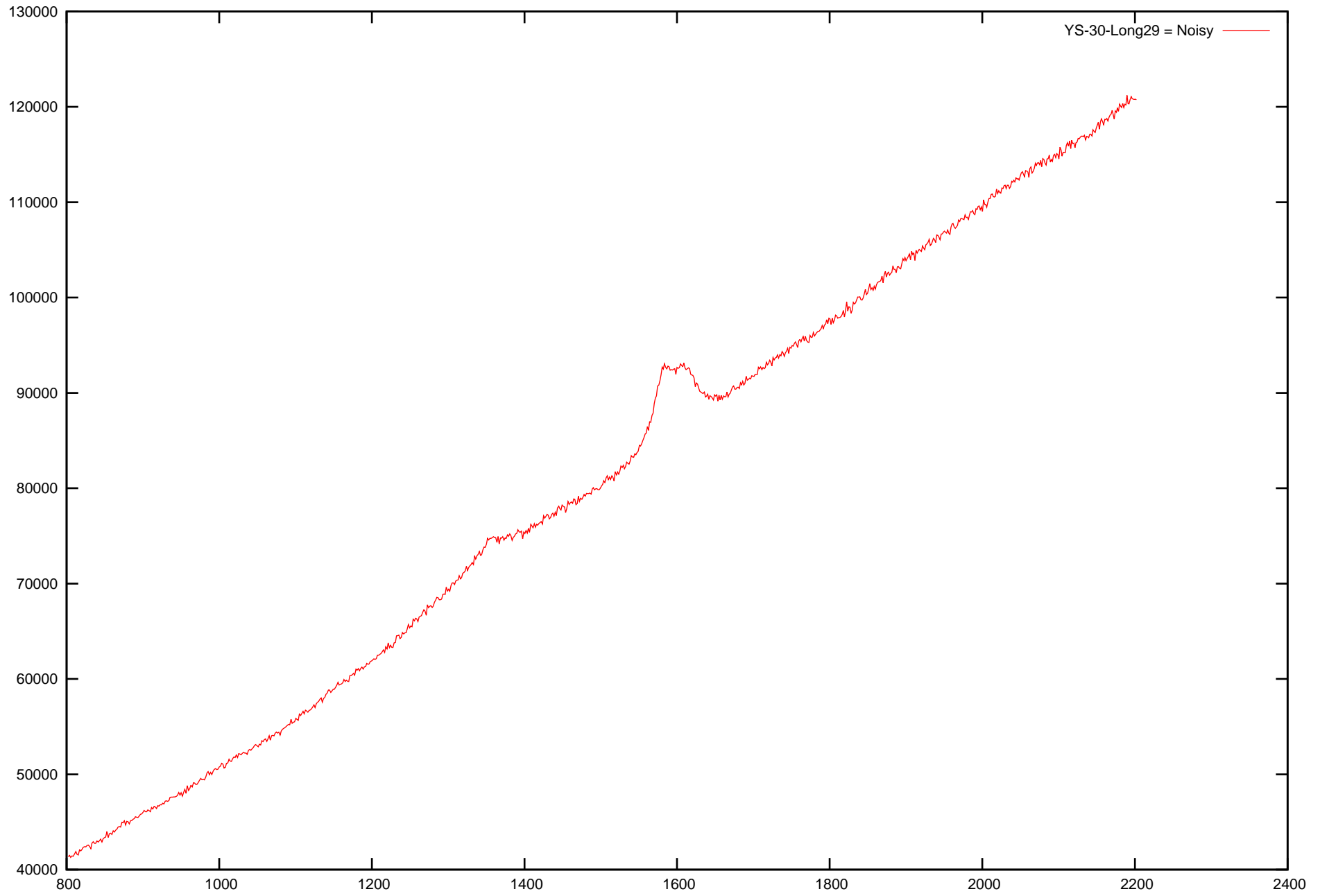


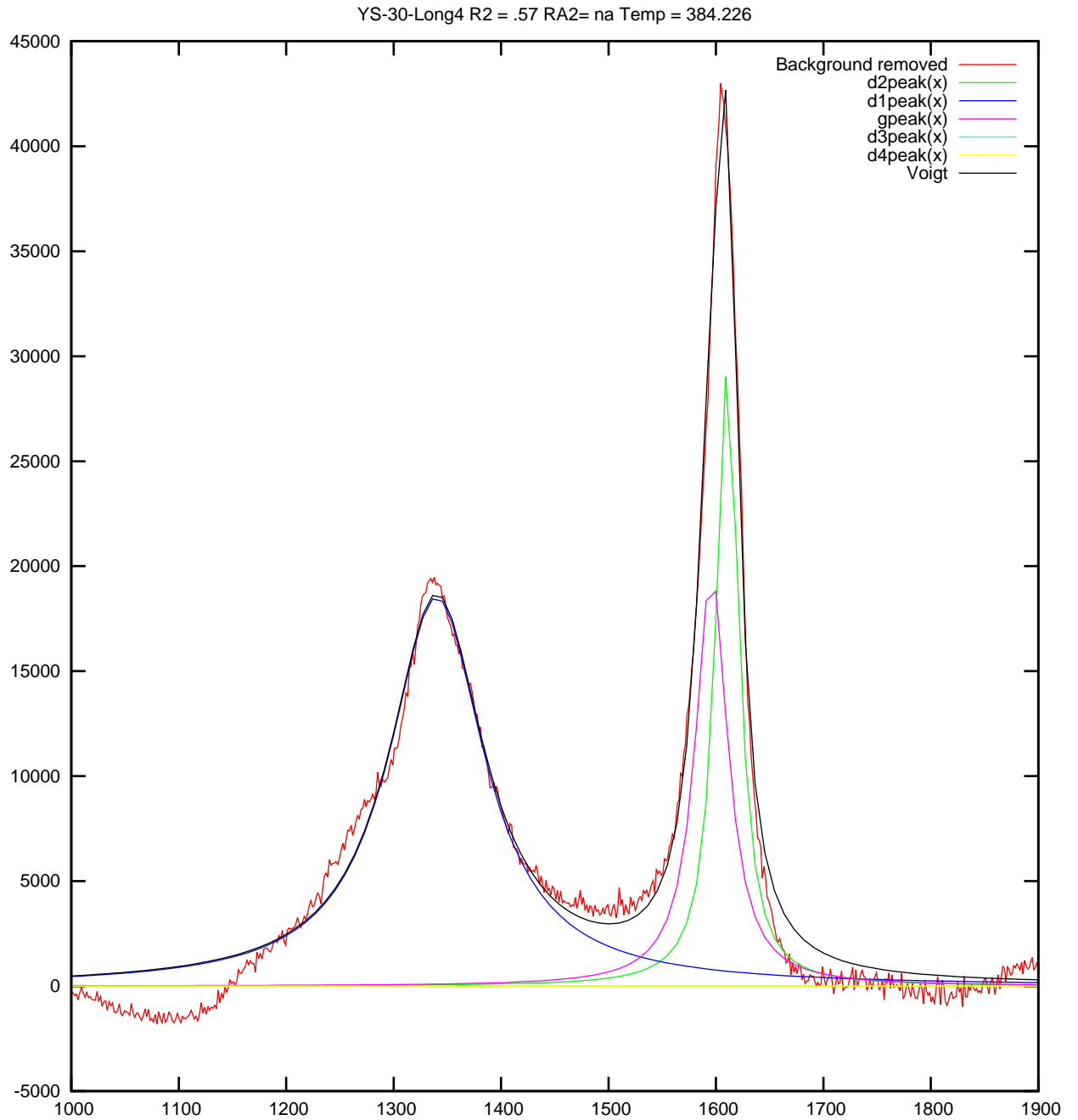
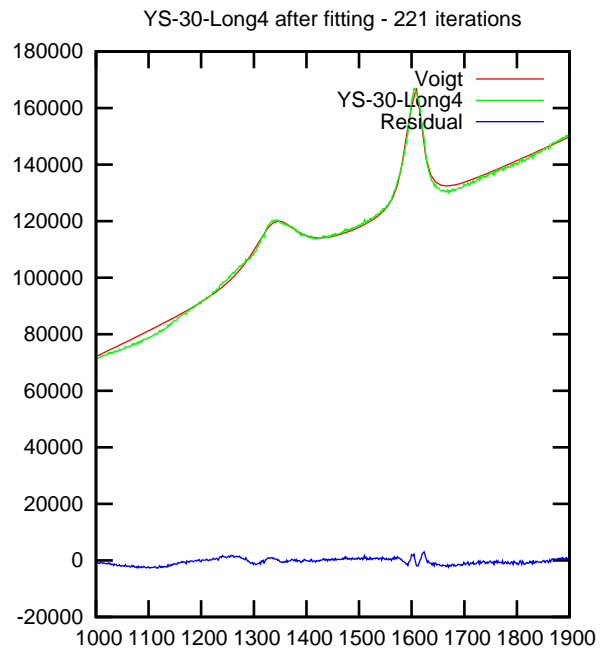
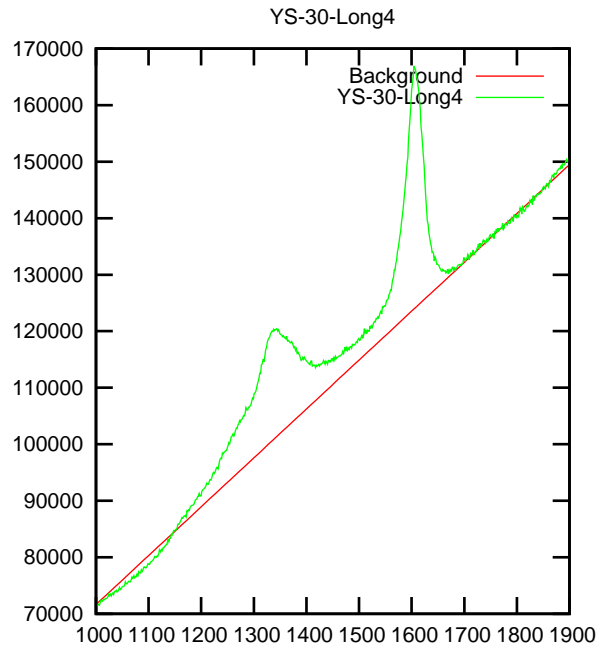




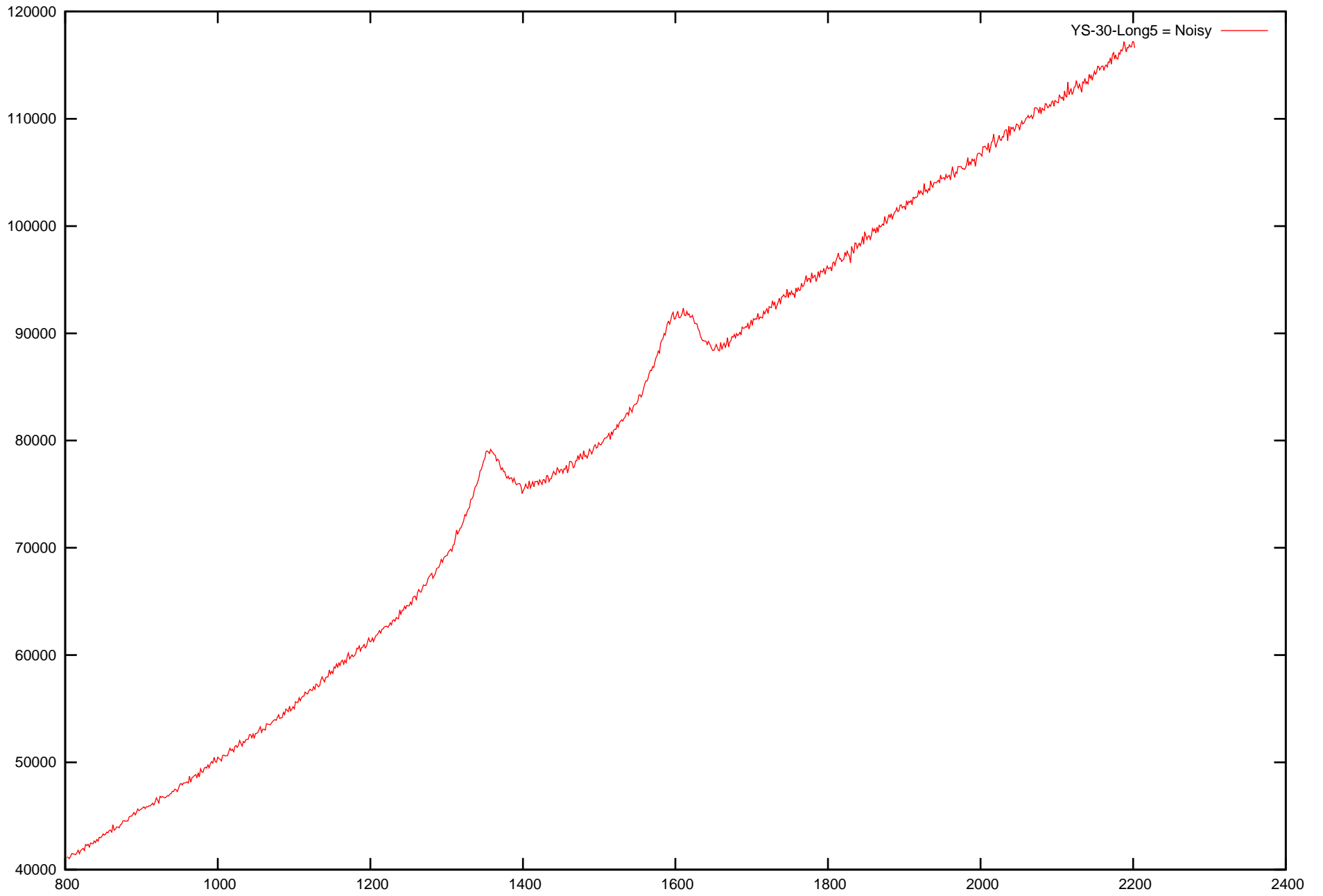


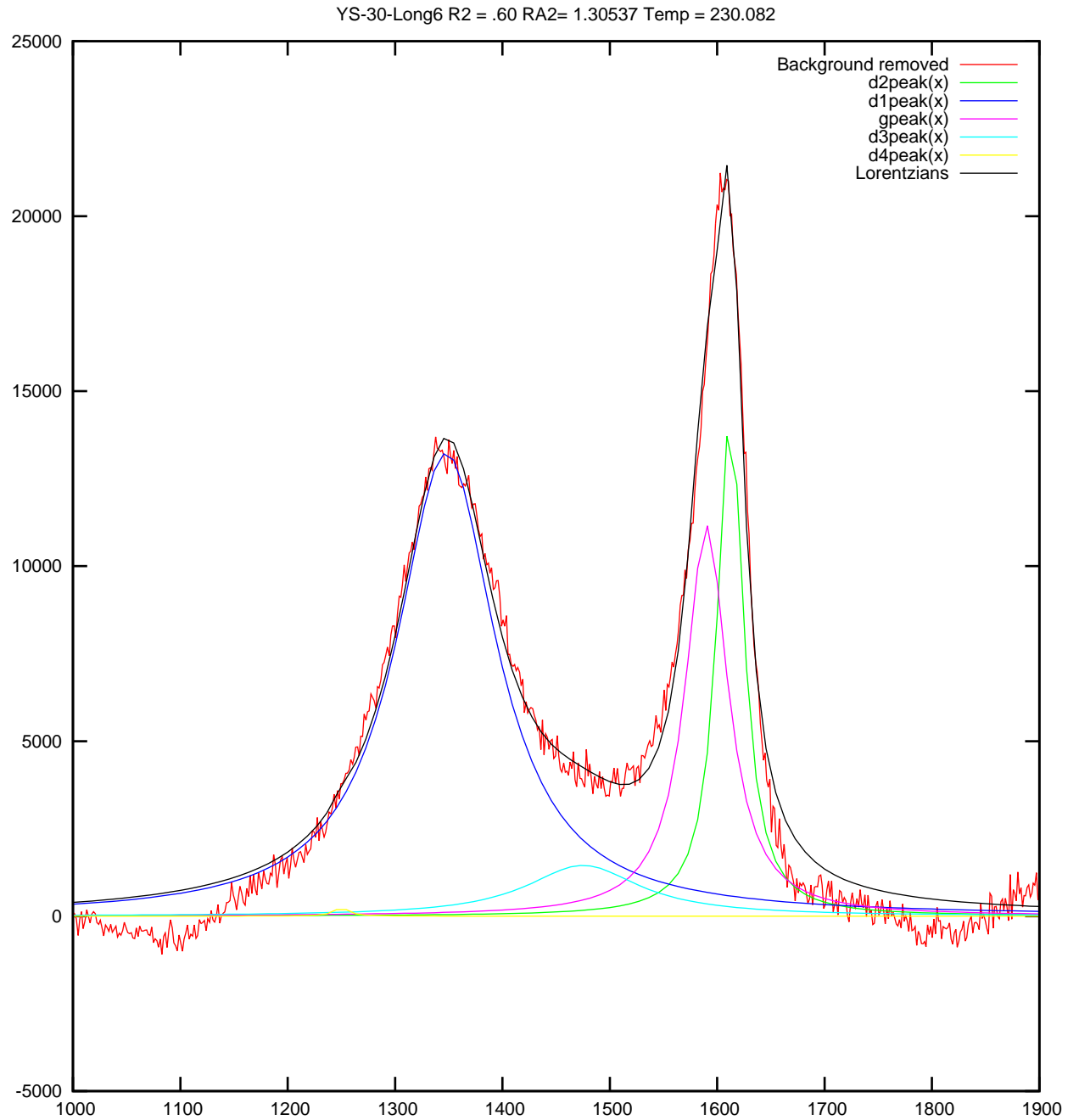
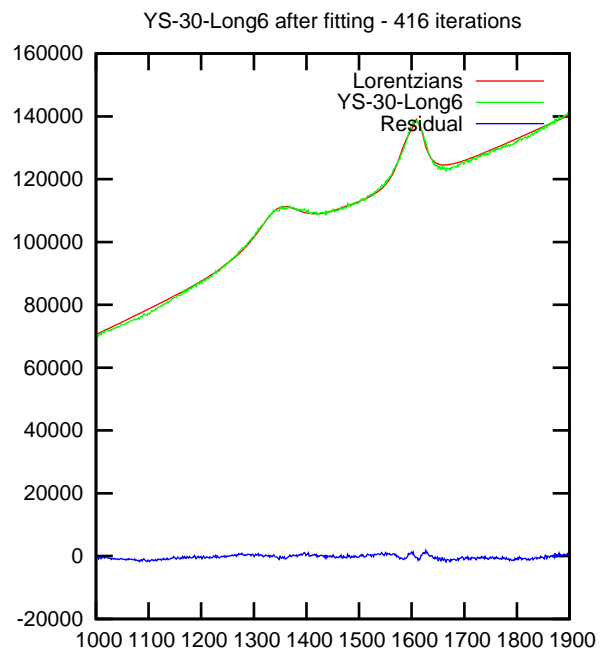
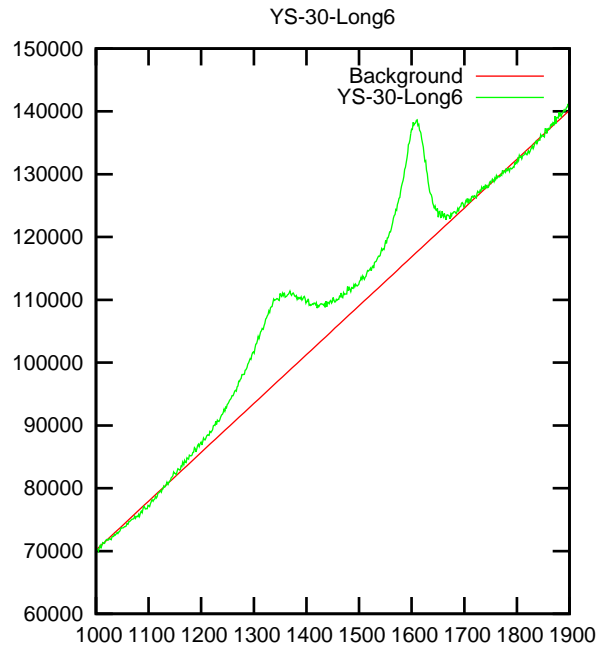
YS-30-Long29 = Noisy

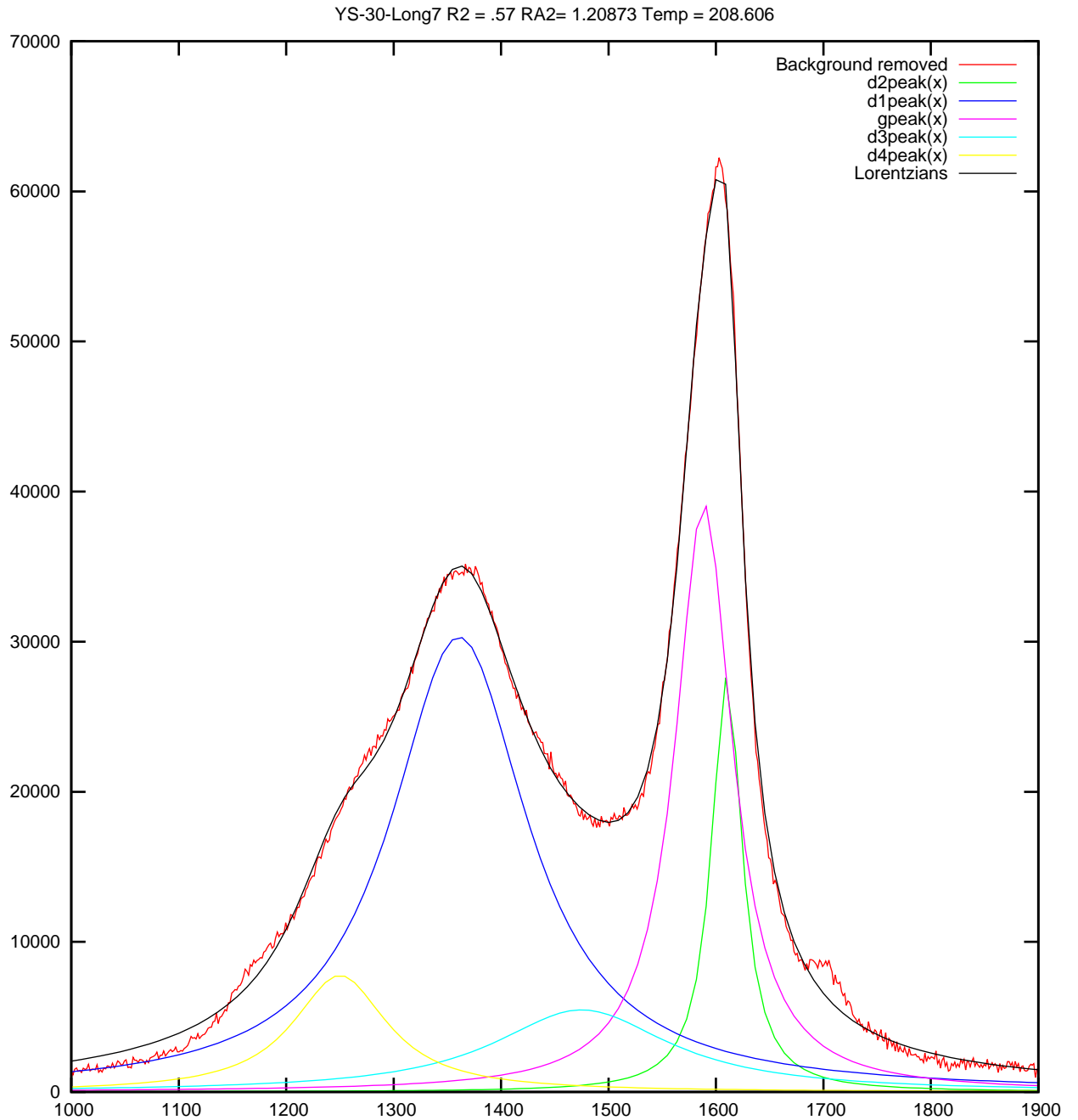
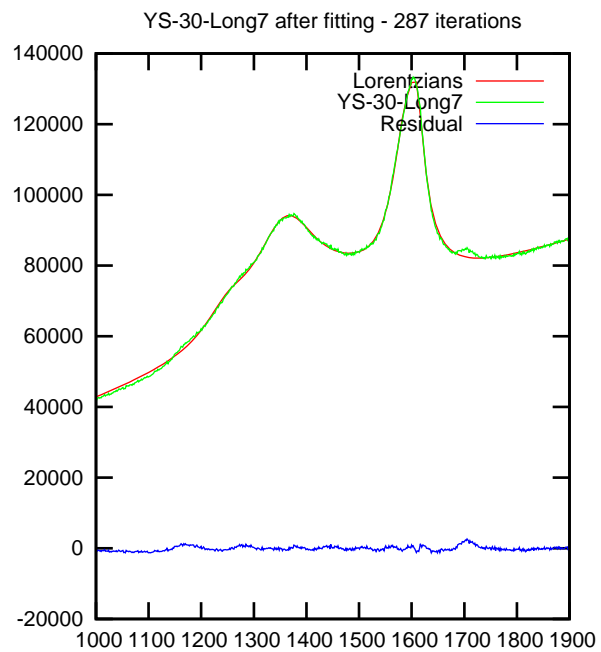
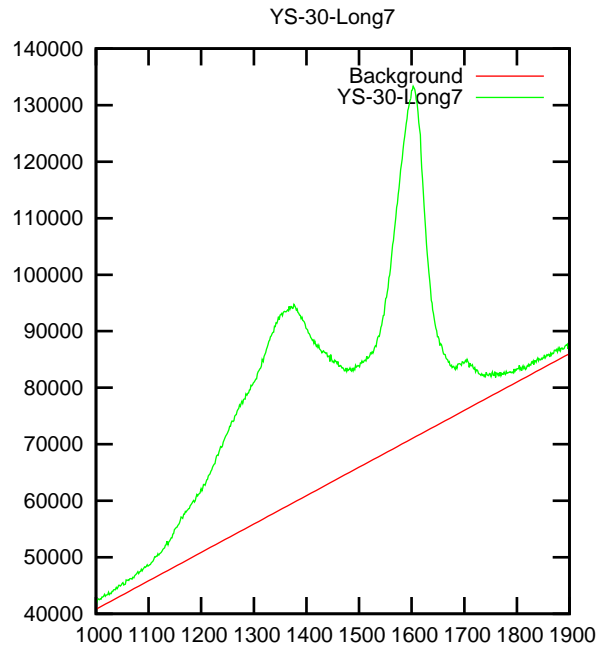


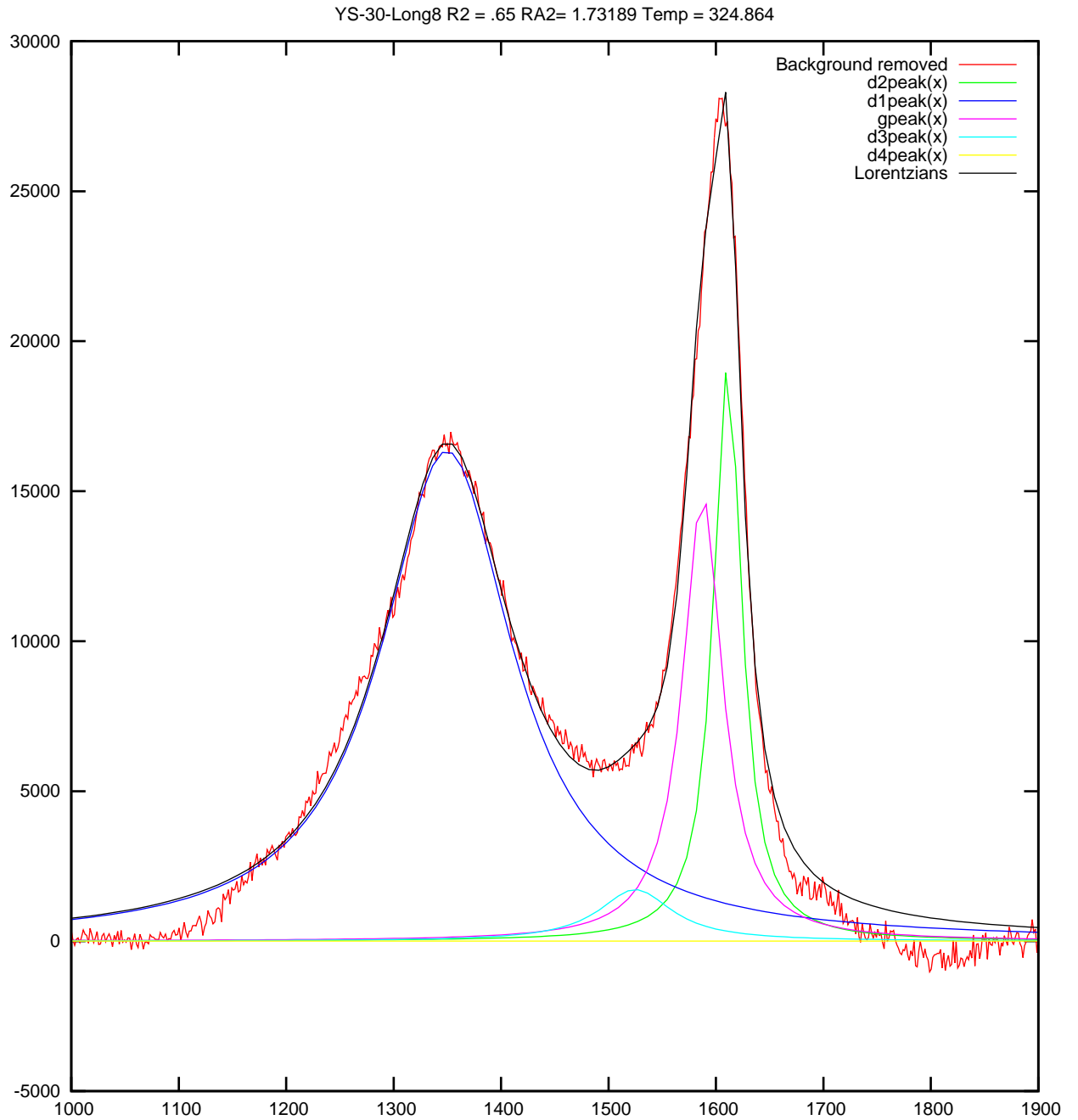
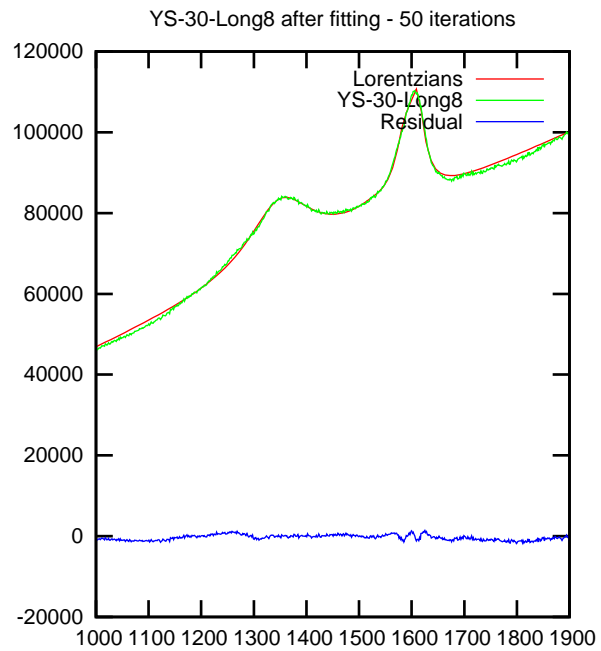
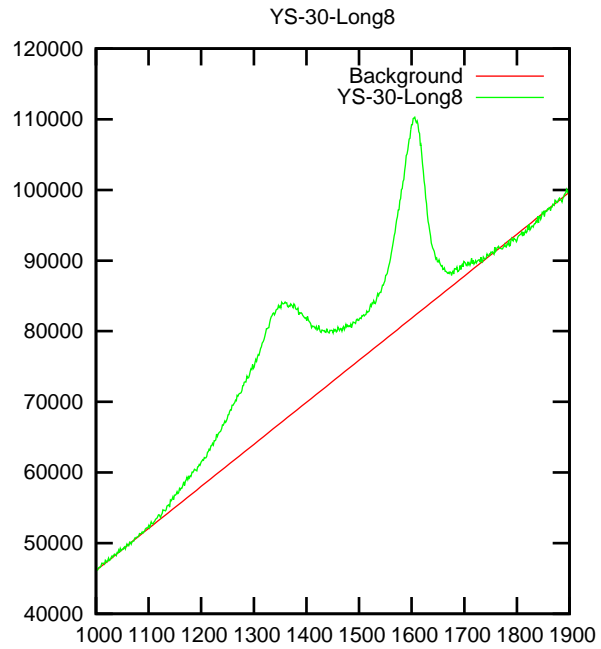


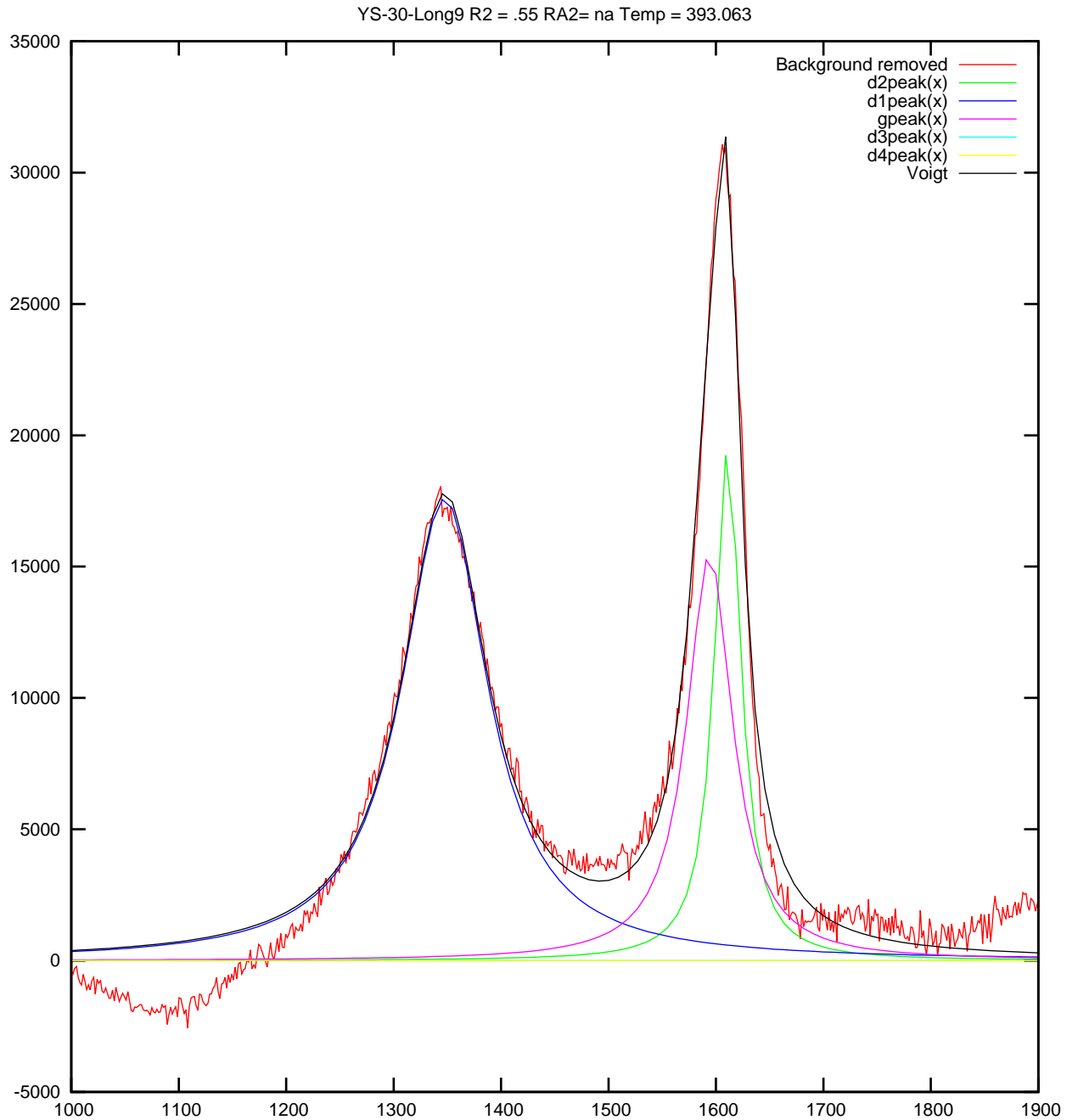
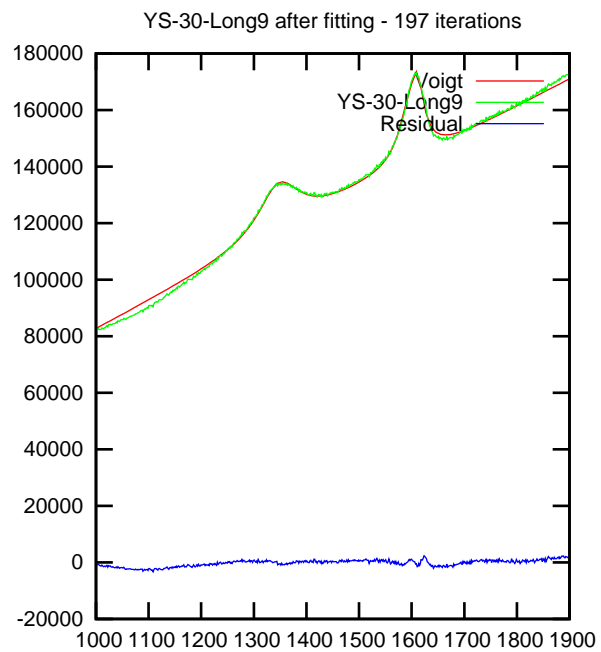
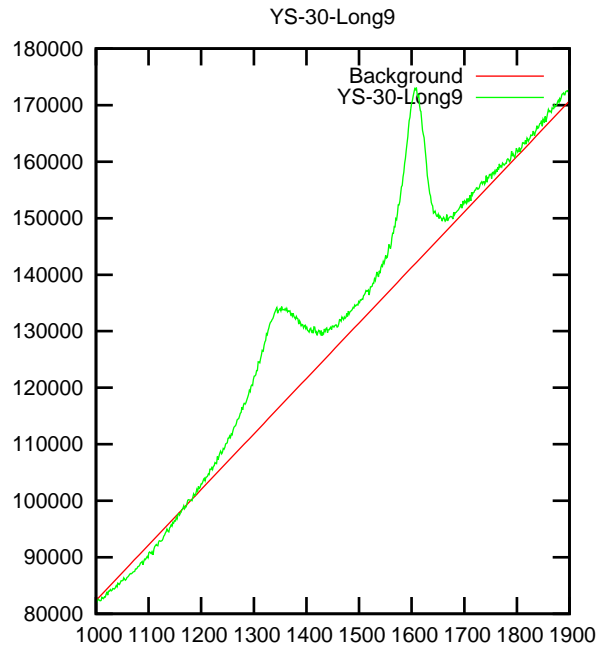
YS-30-Long5 = Noisy



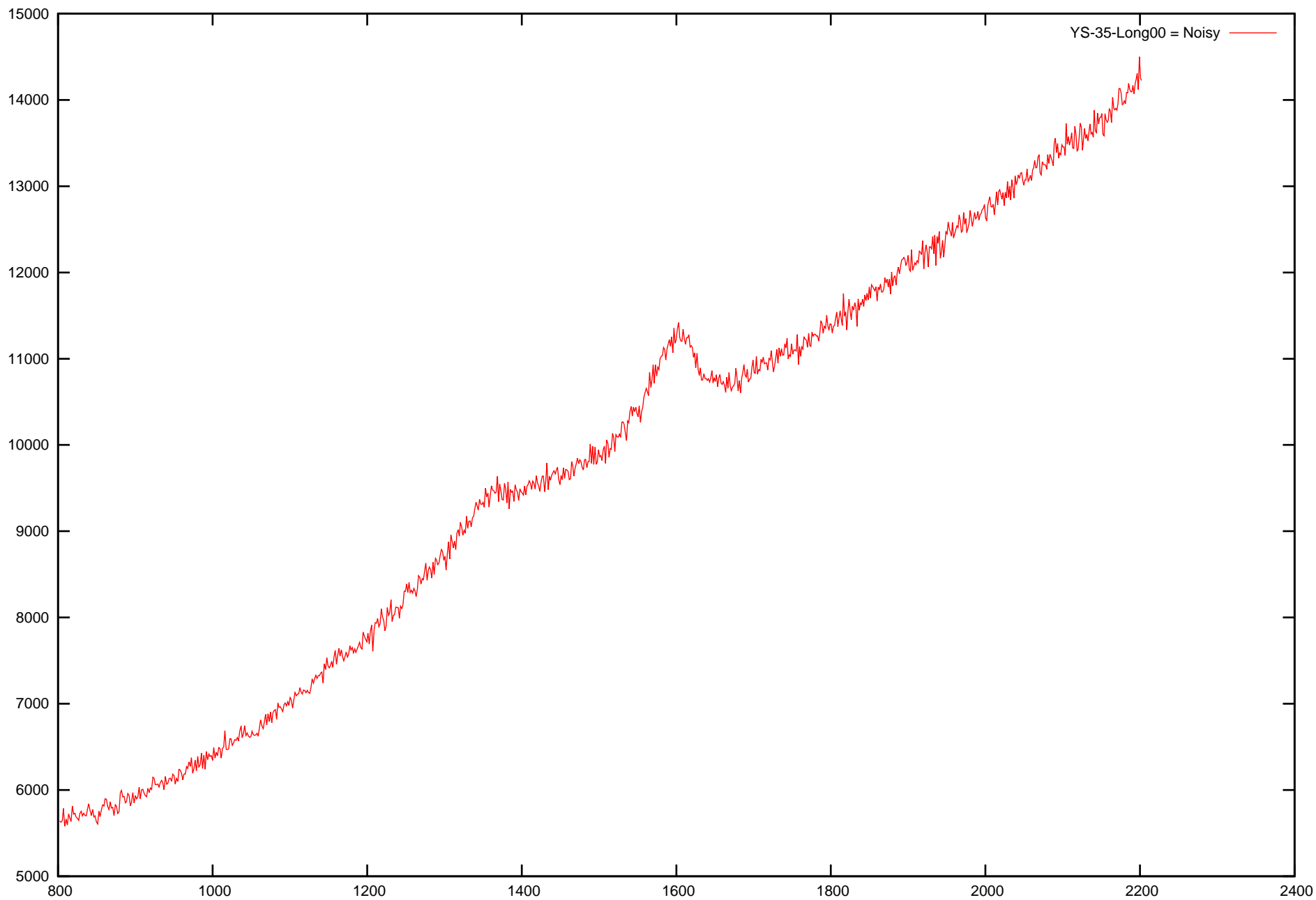




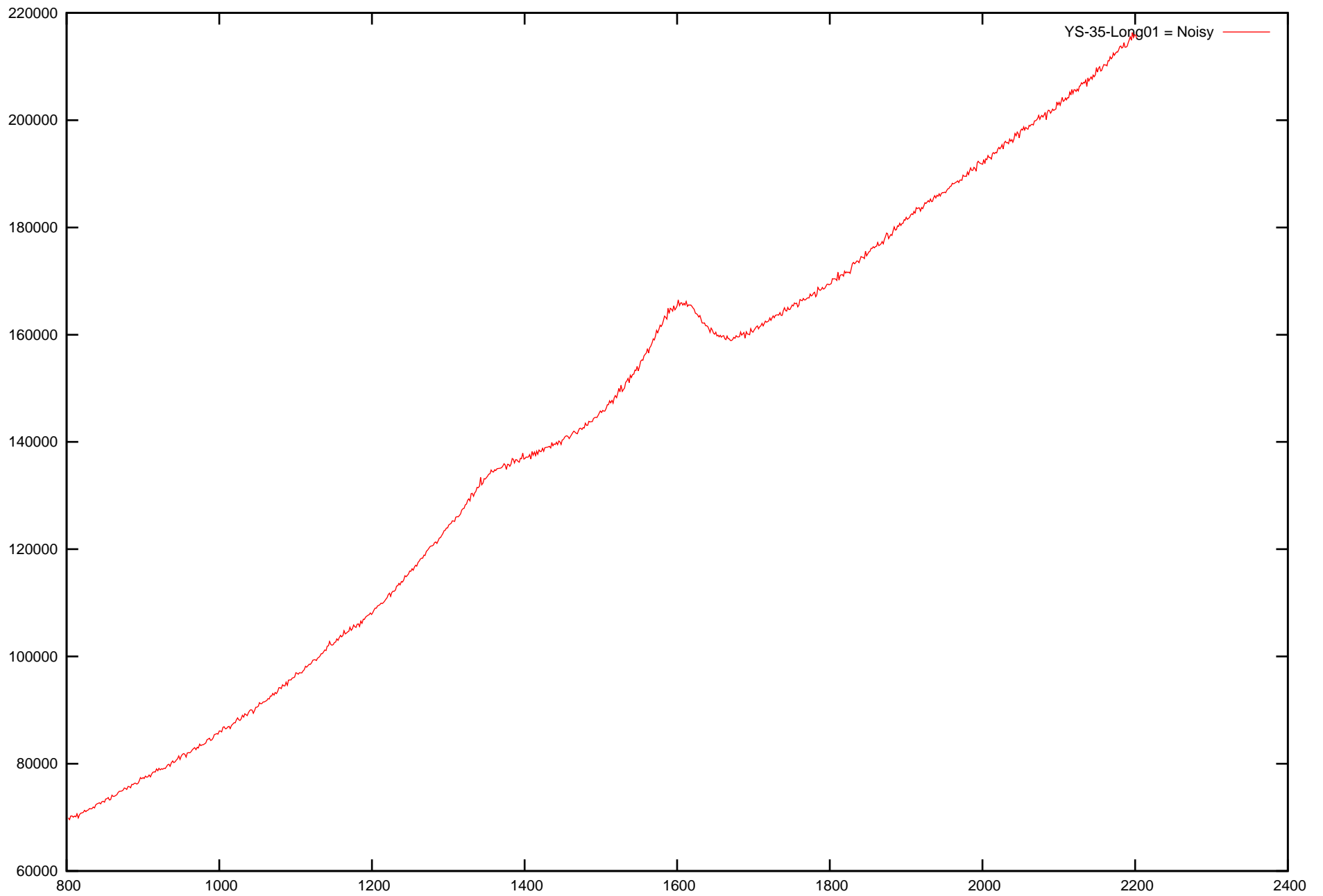


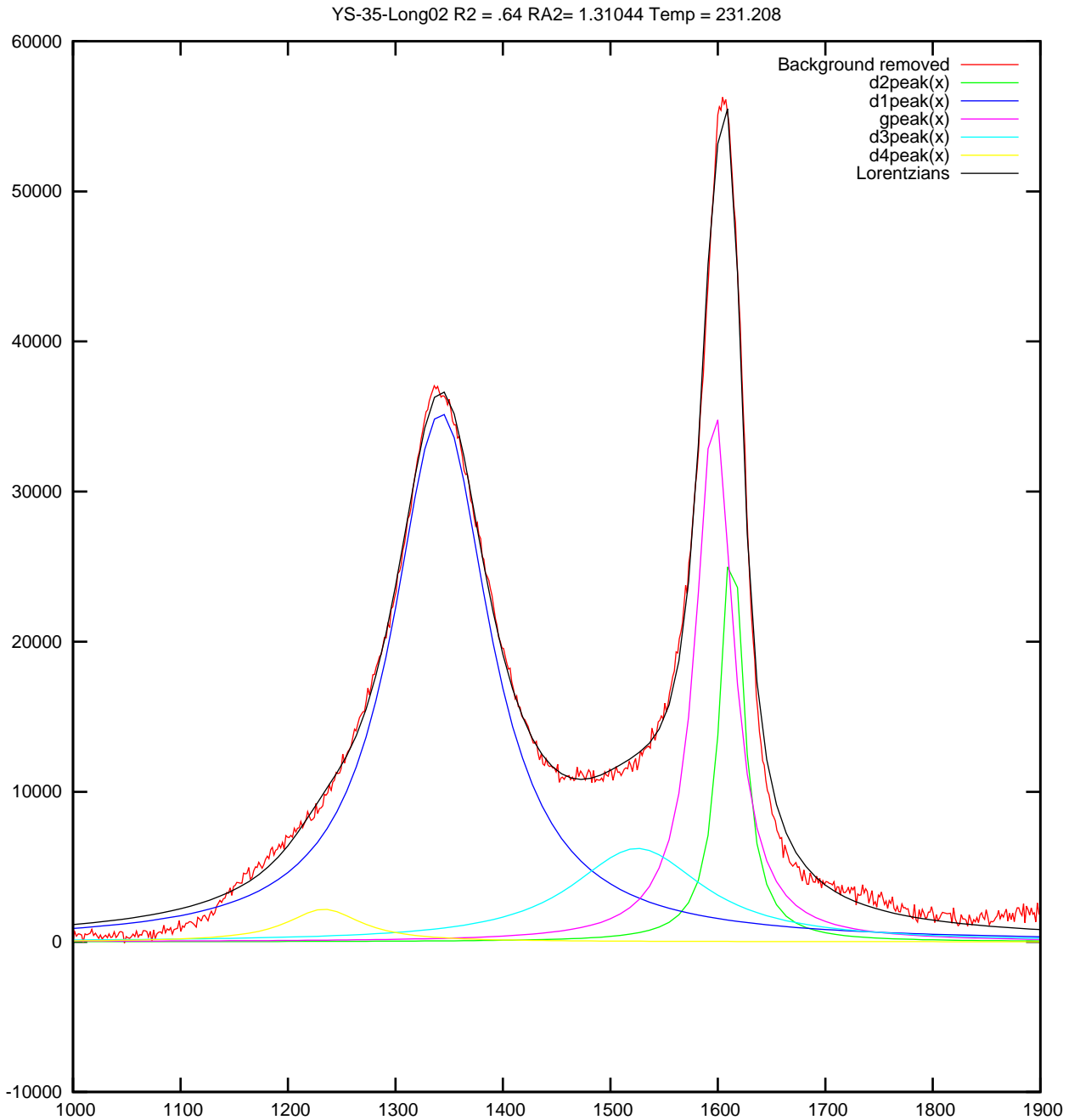
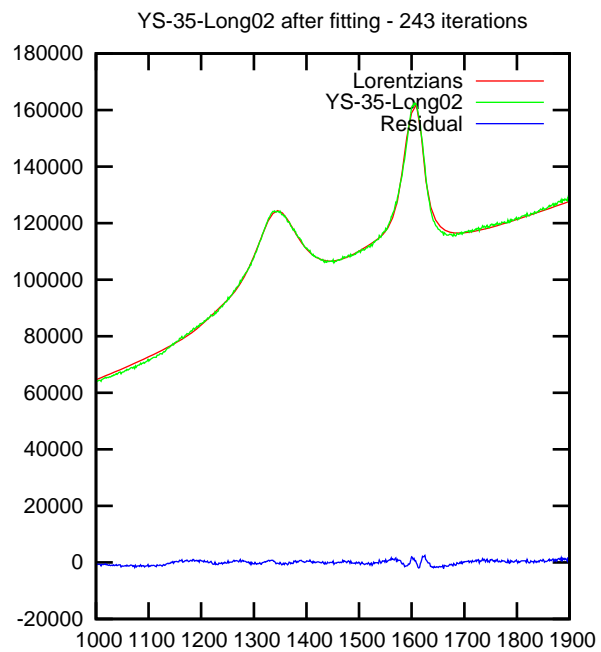
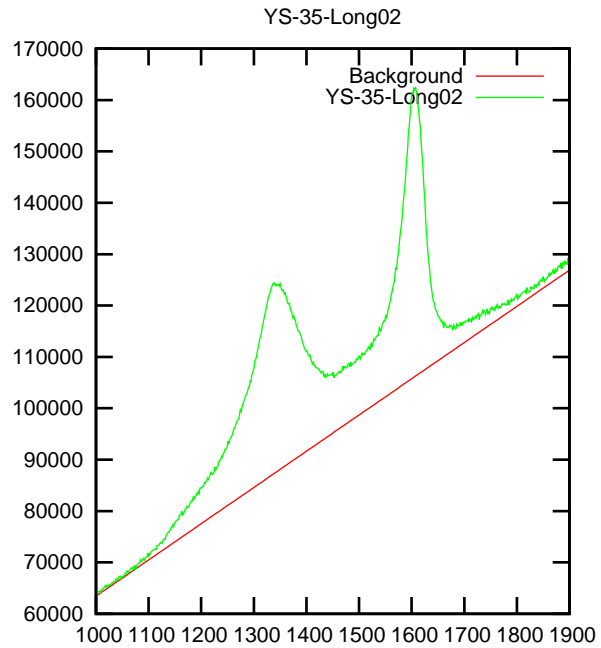


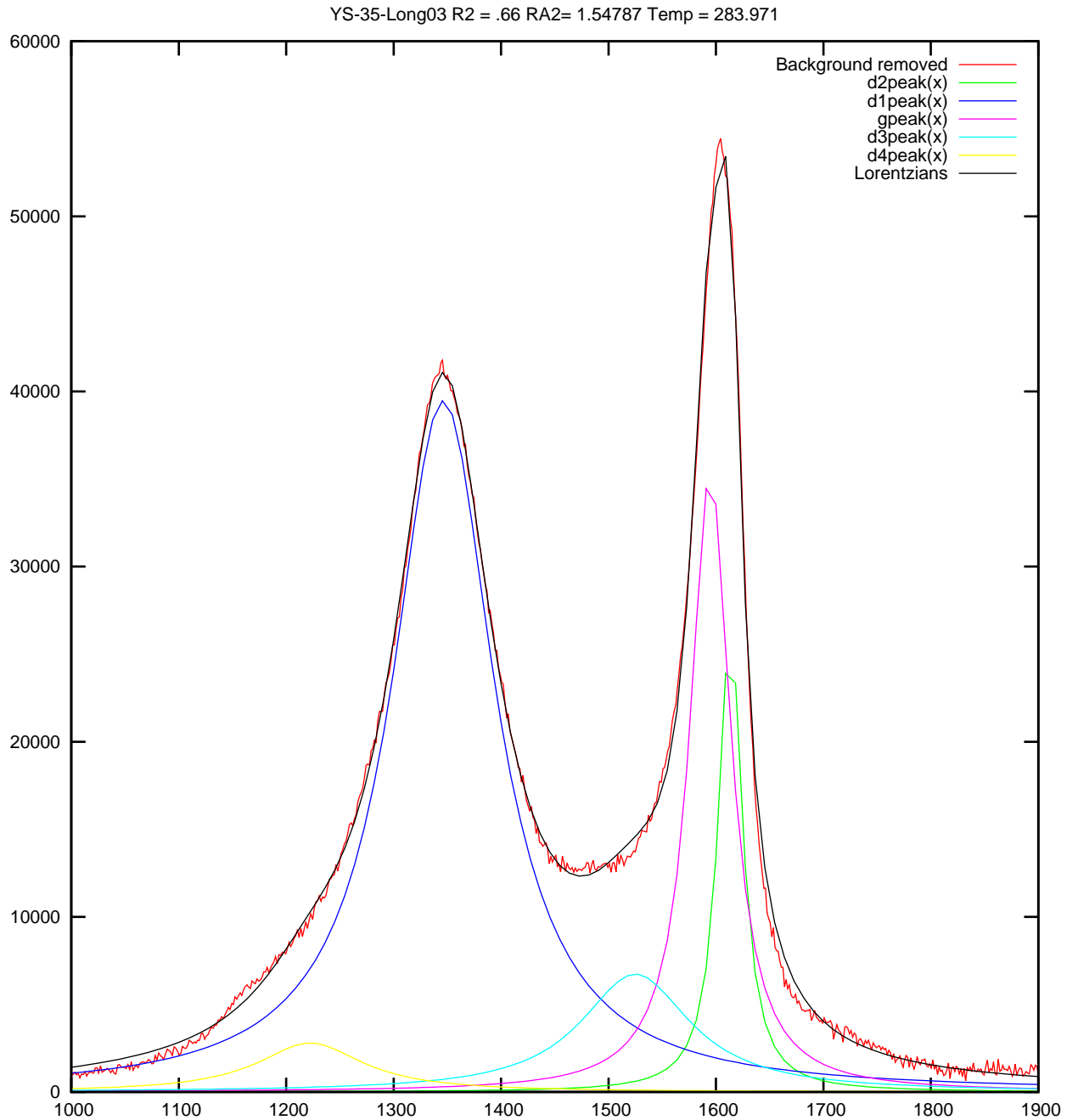
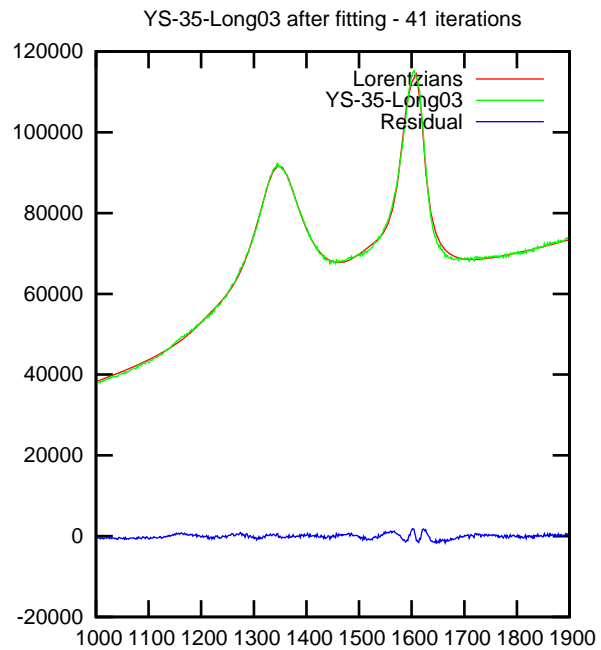
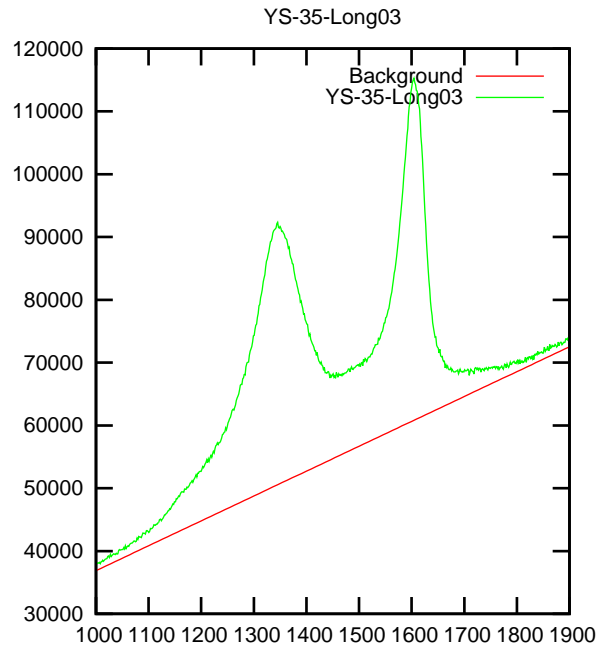
YS-35-Long00 = Noisy



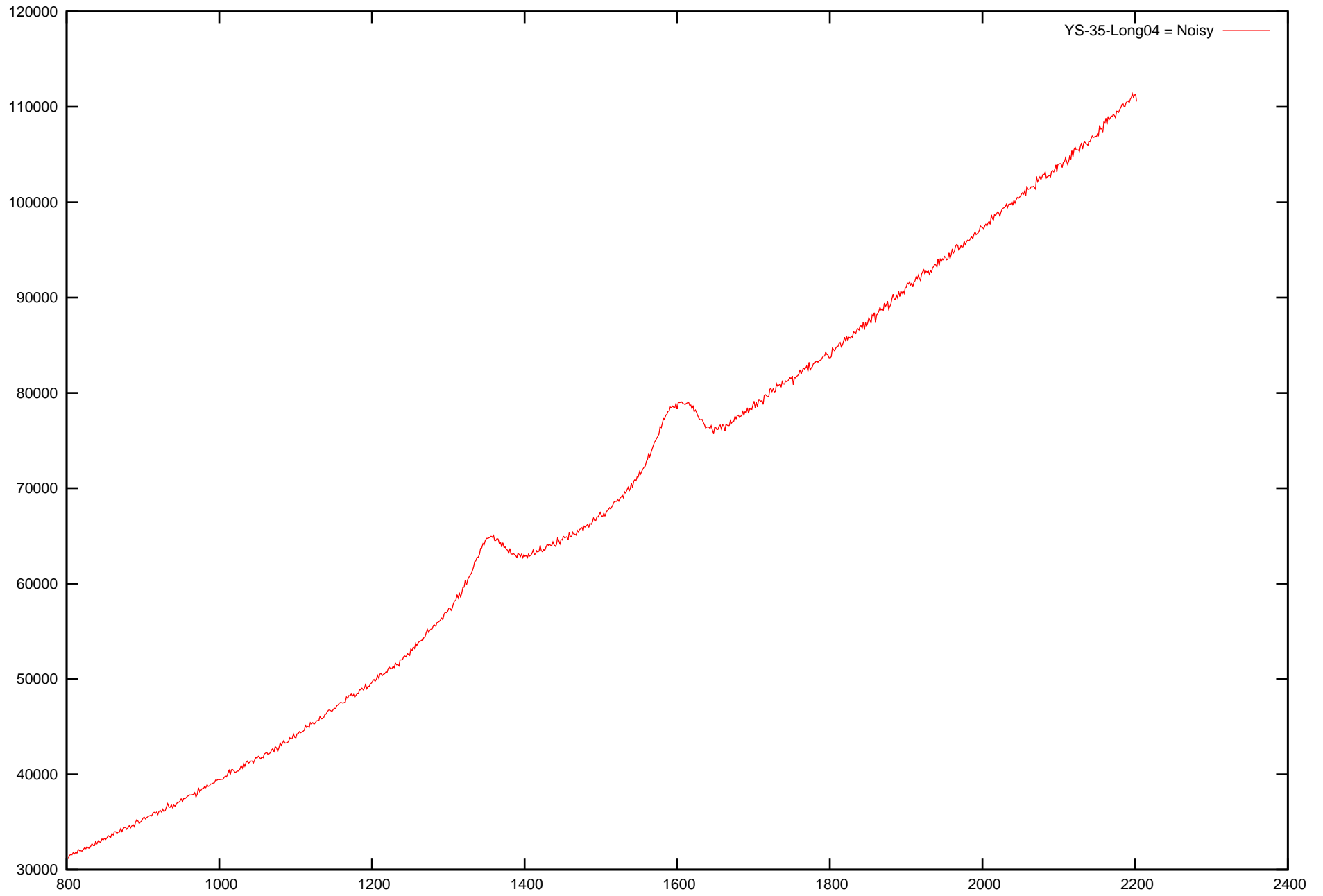
YS-35-Long01 = Noisy

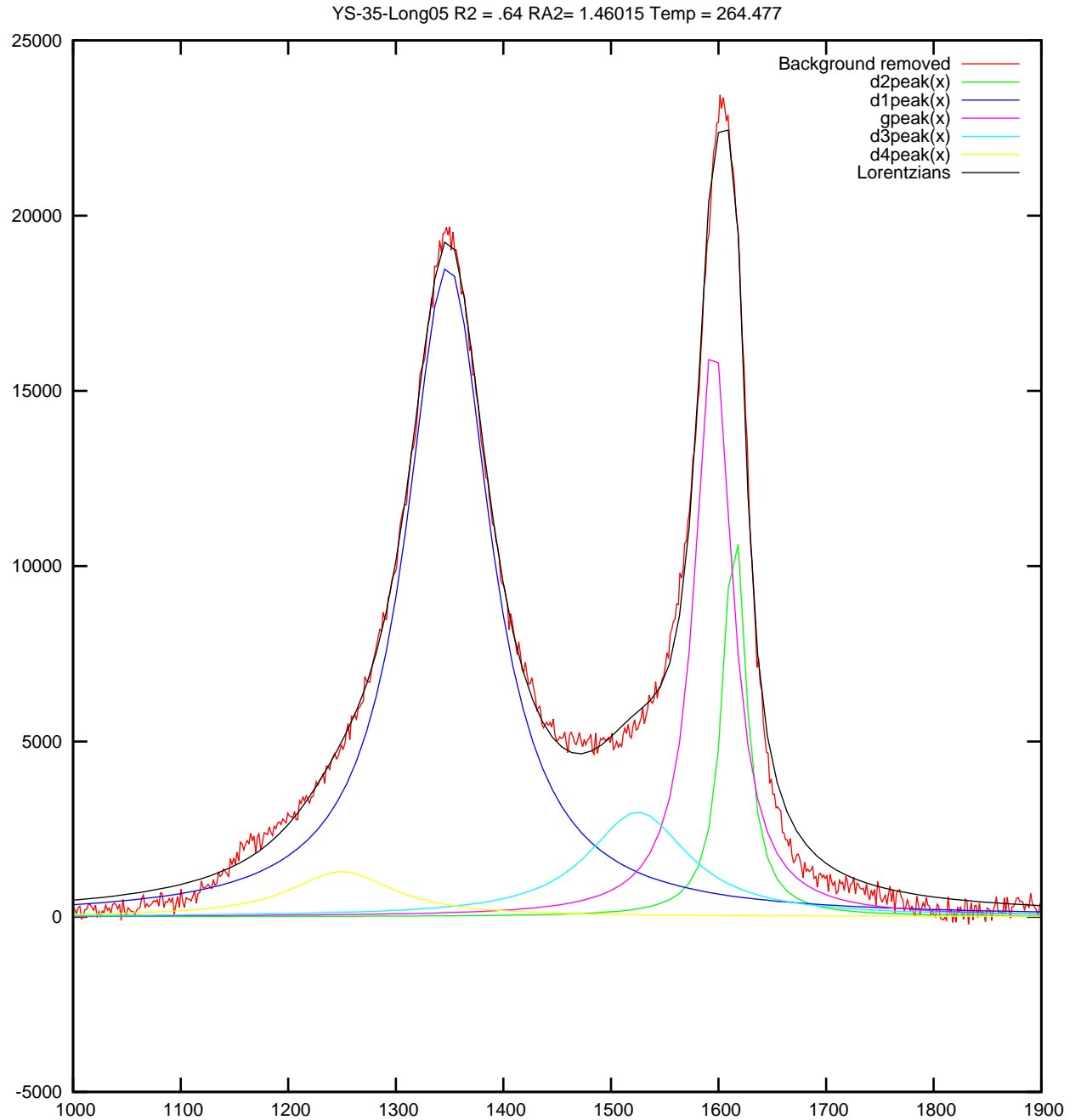
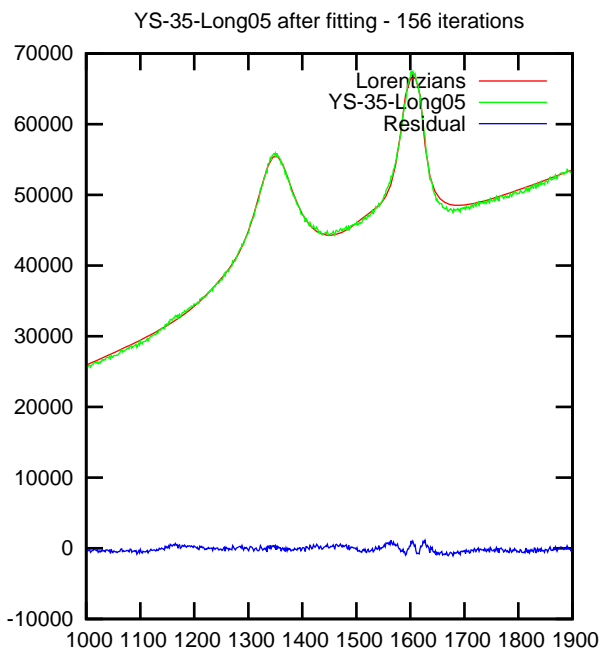
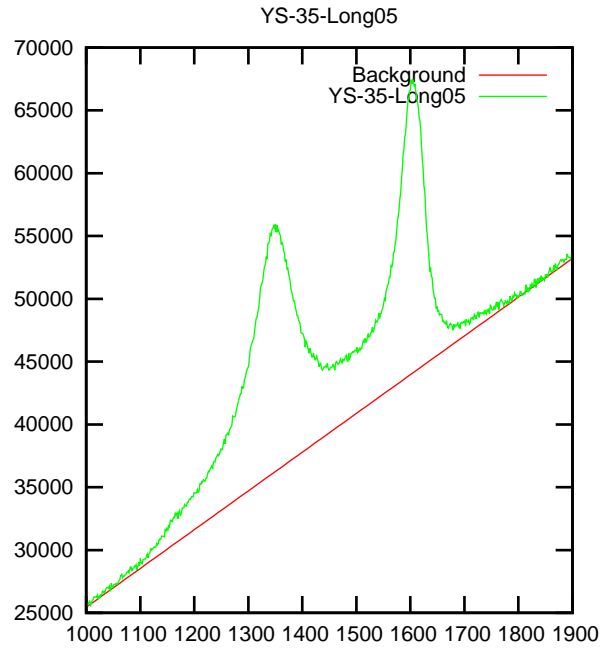


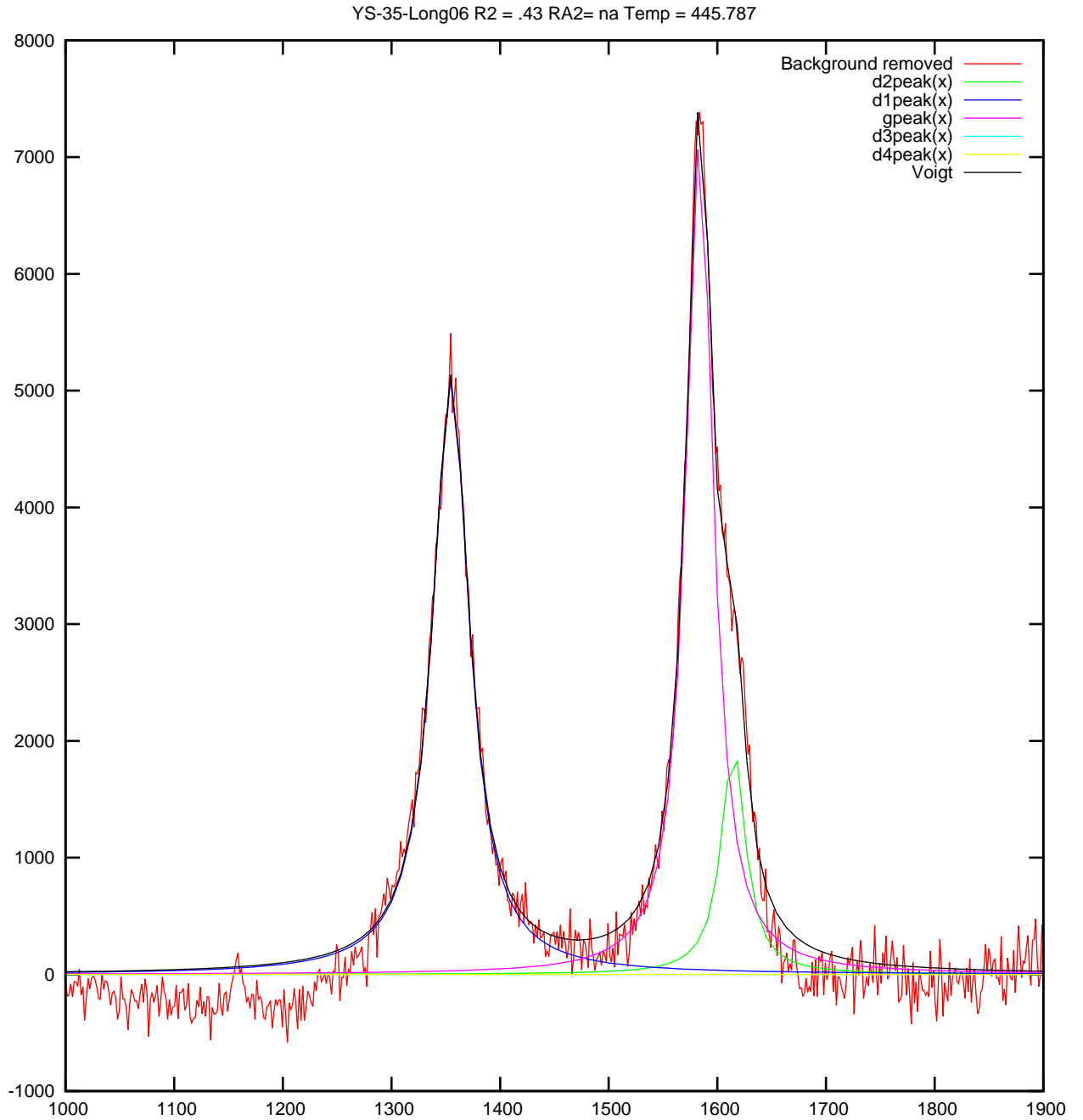
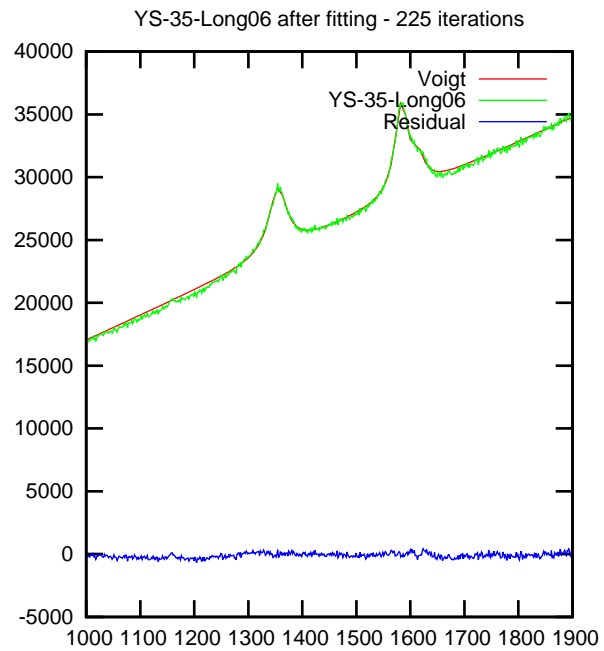
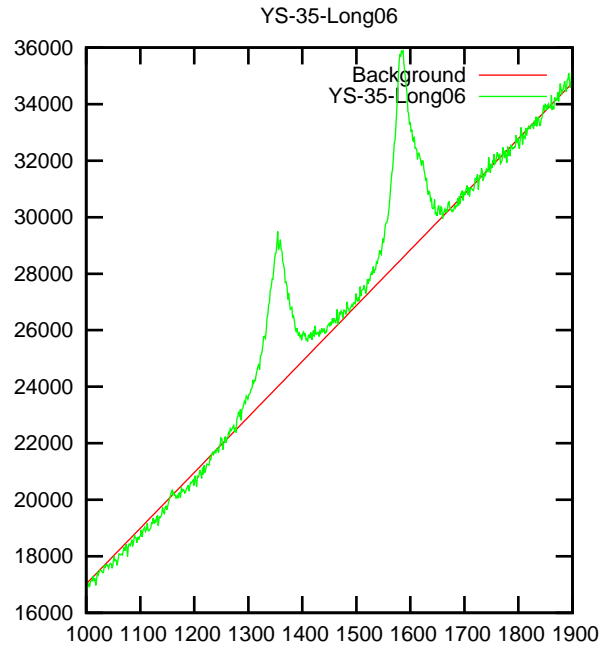


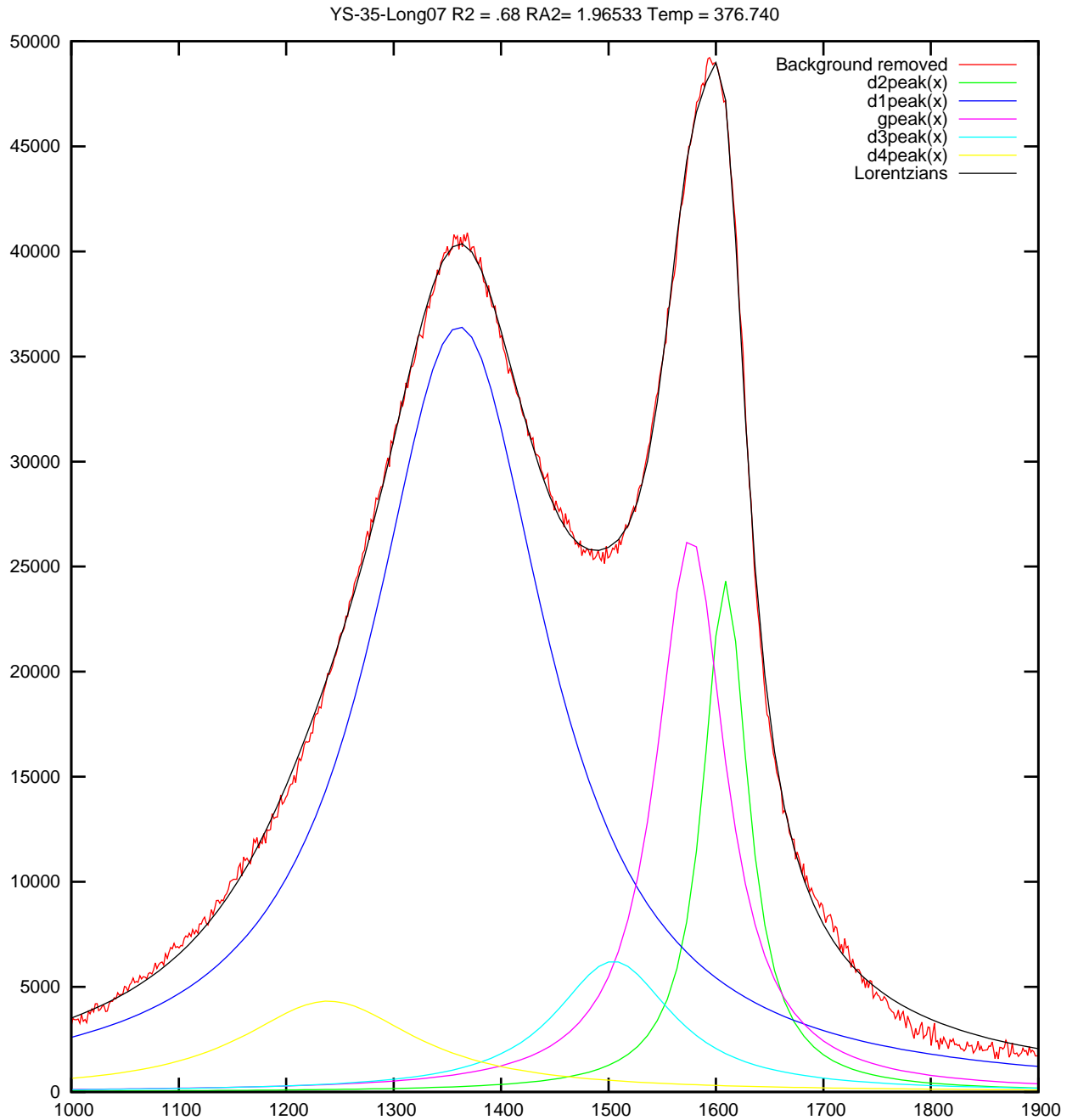
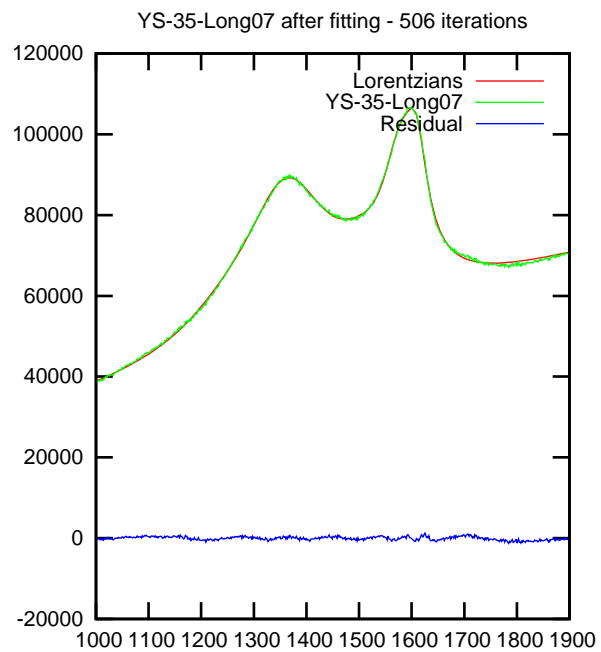
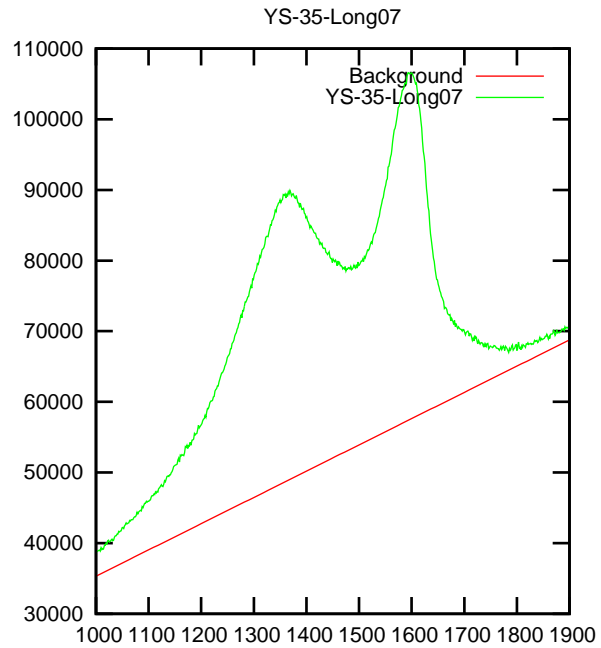


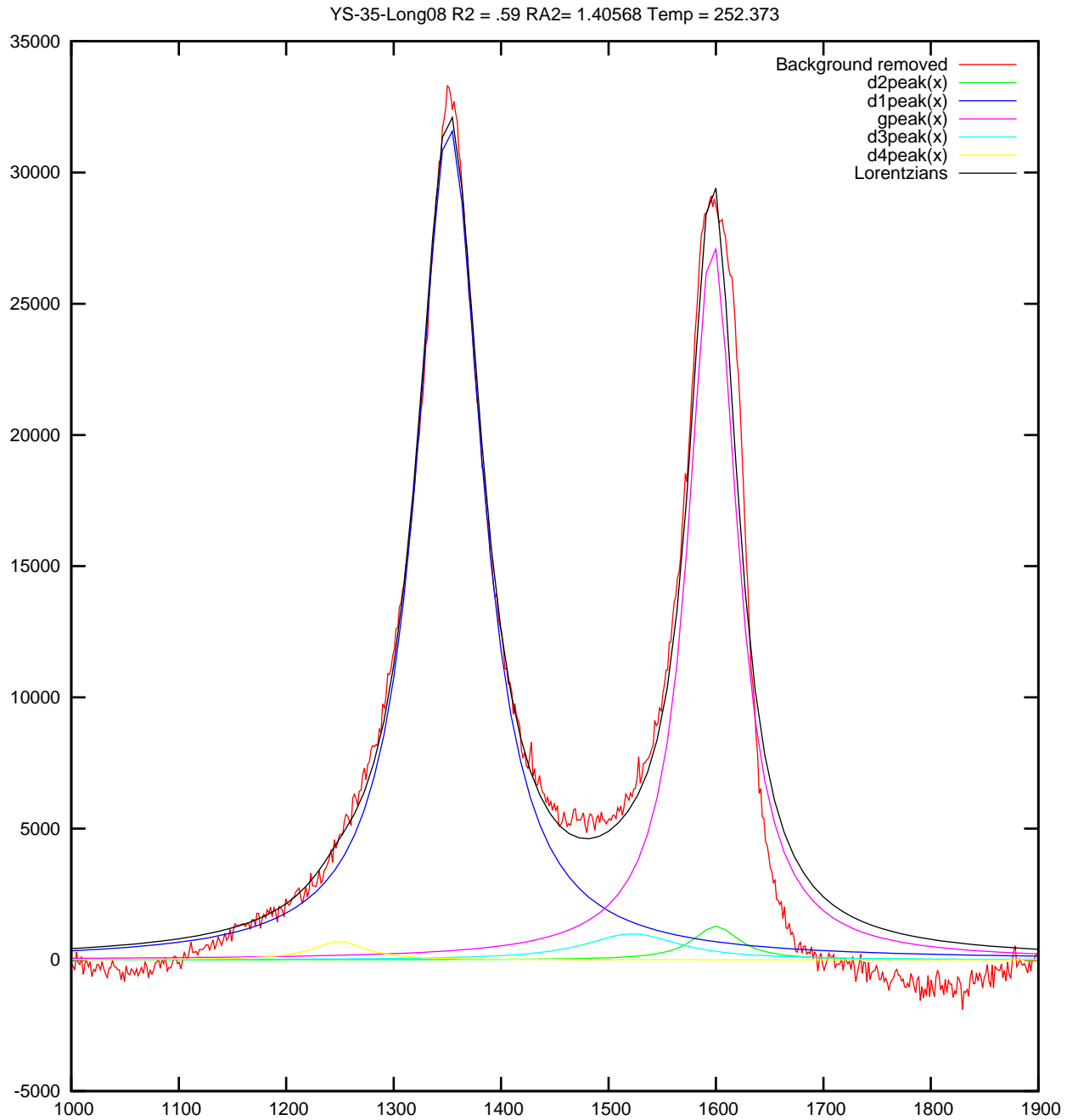
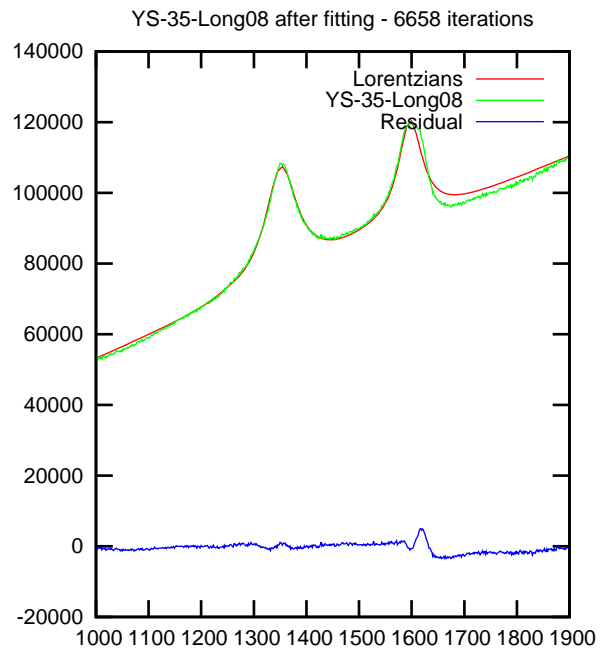
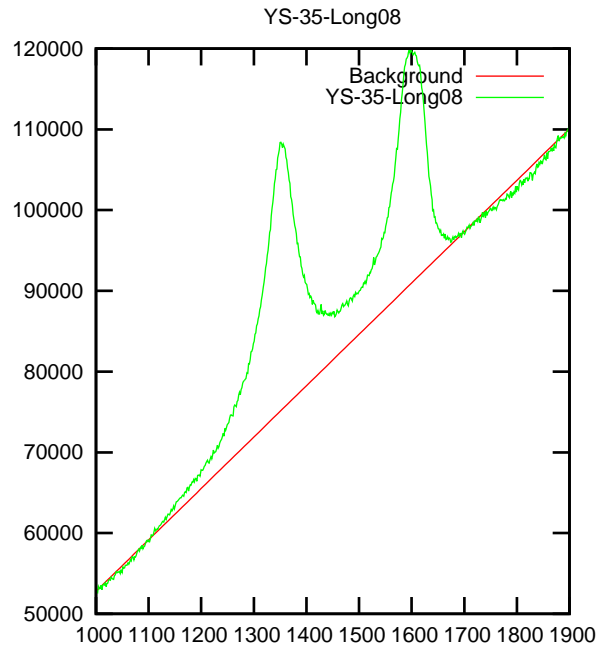
YS-35-Long04 = Noisy



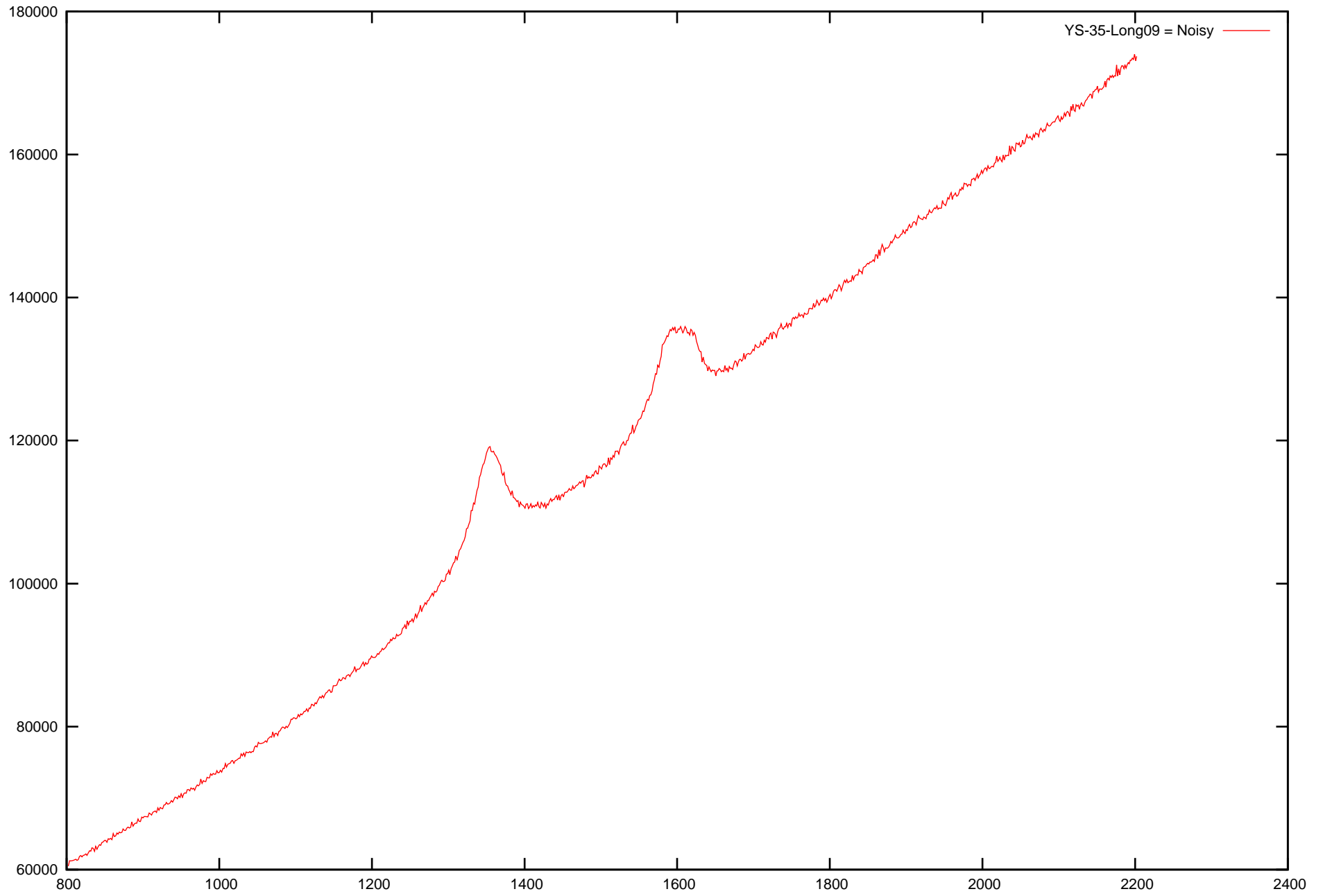


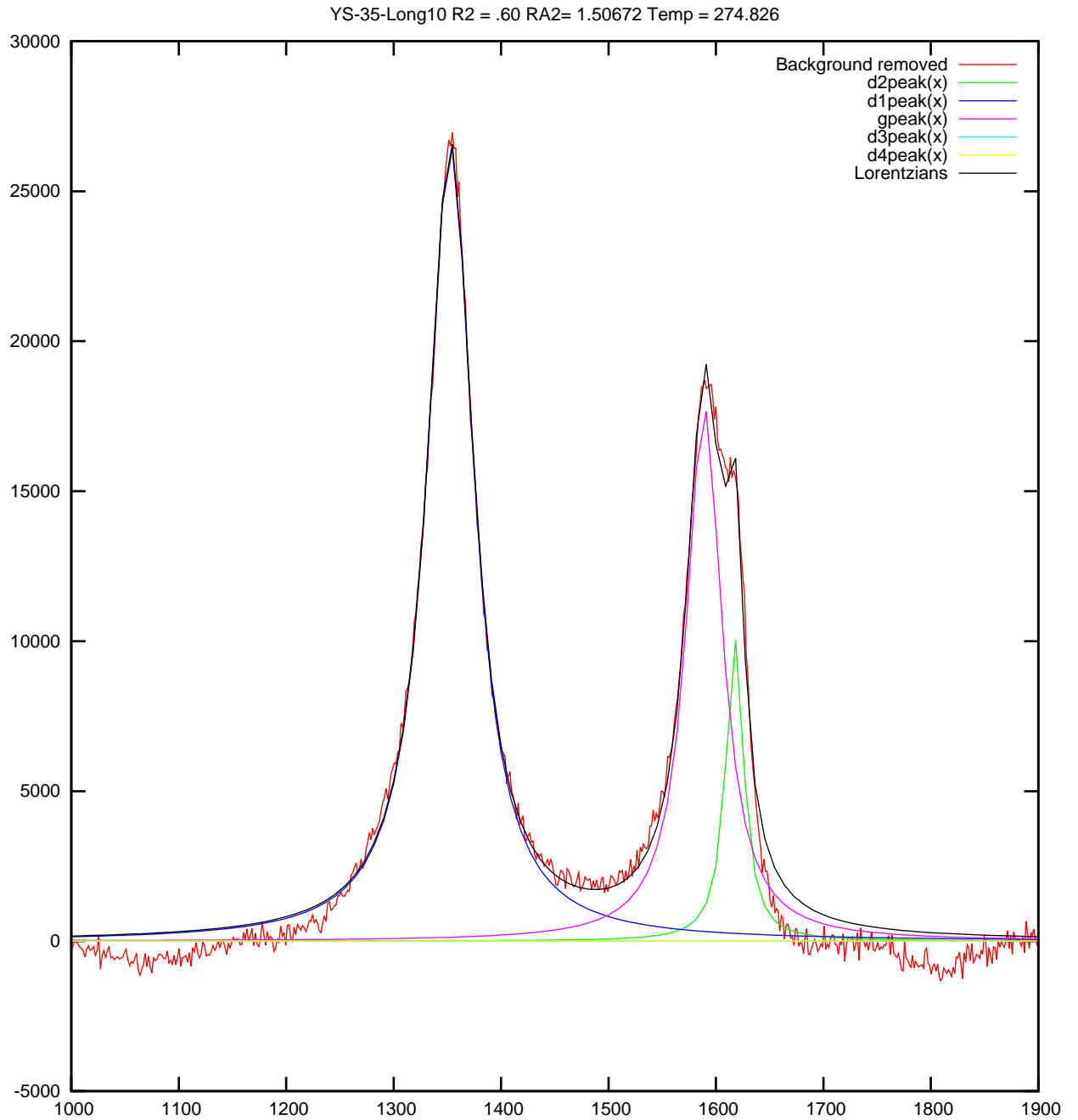
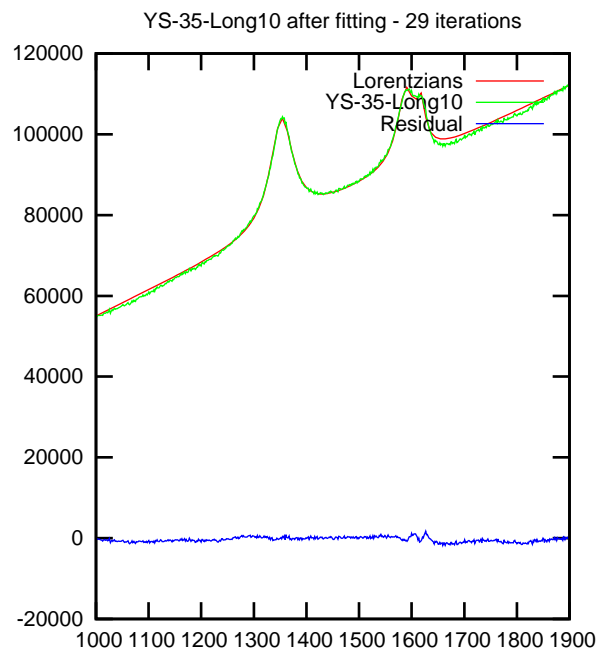
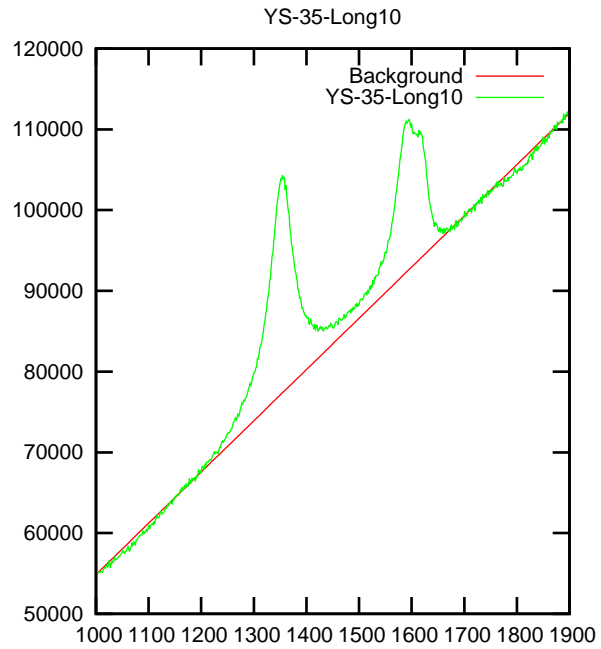


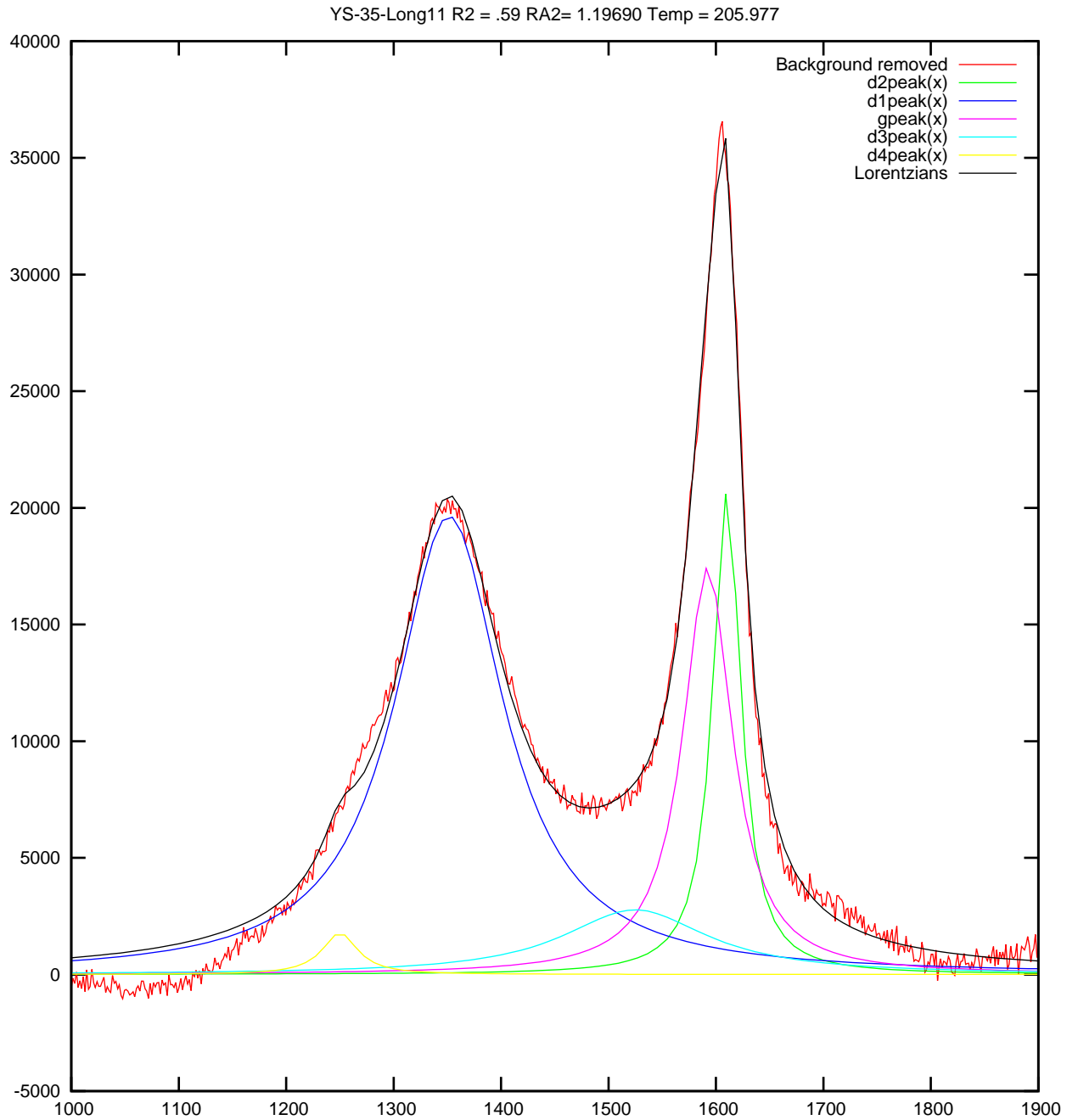
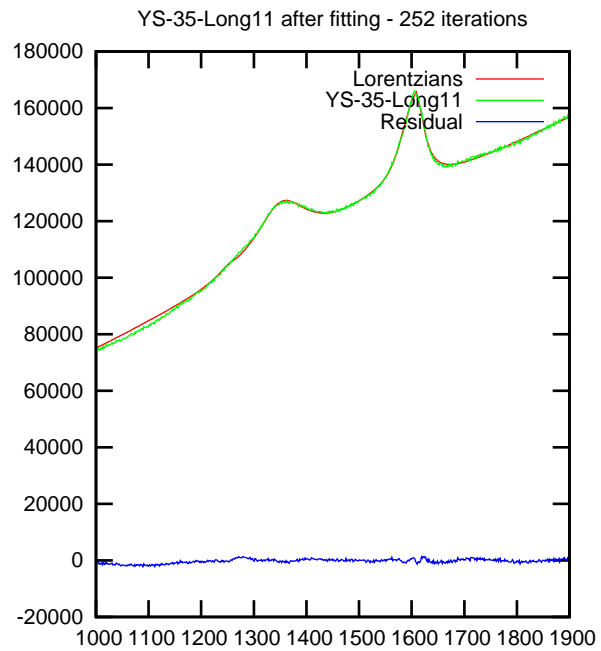
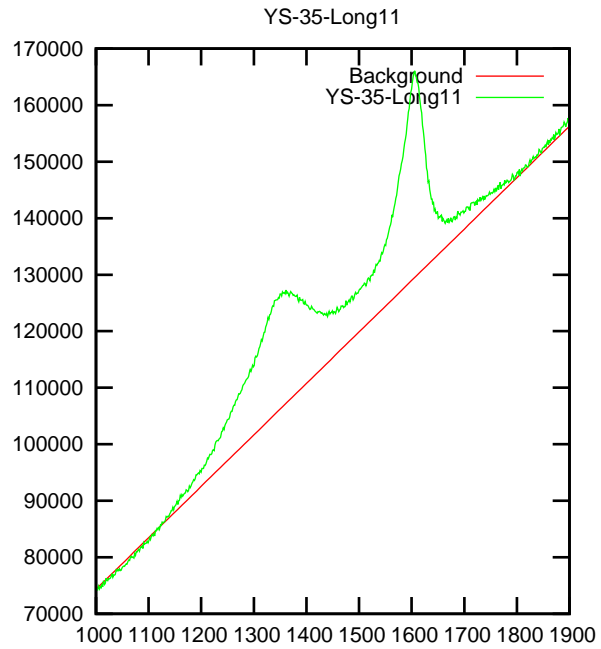


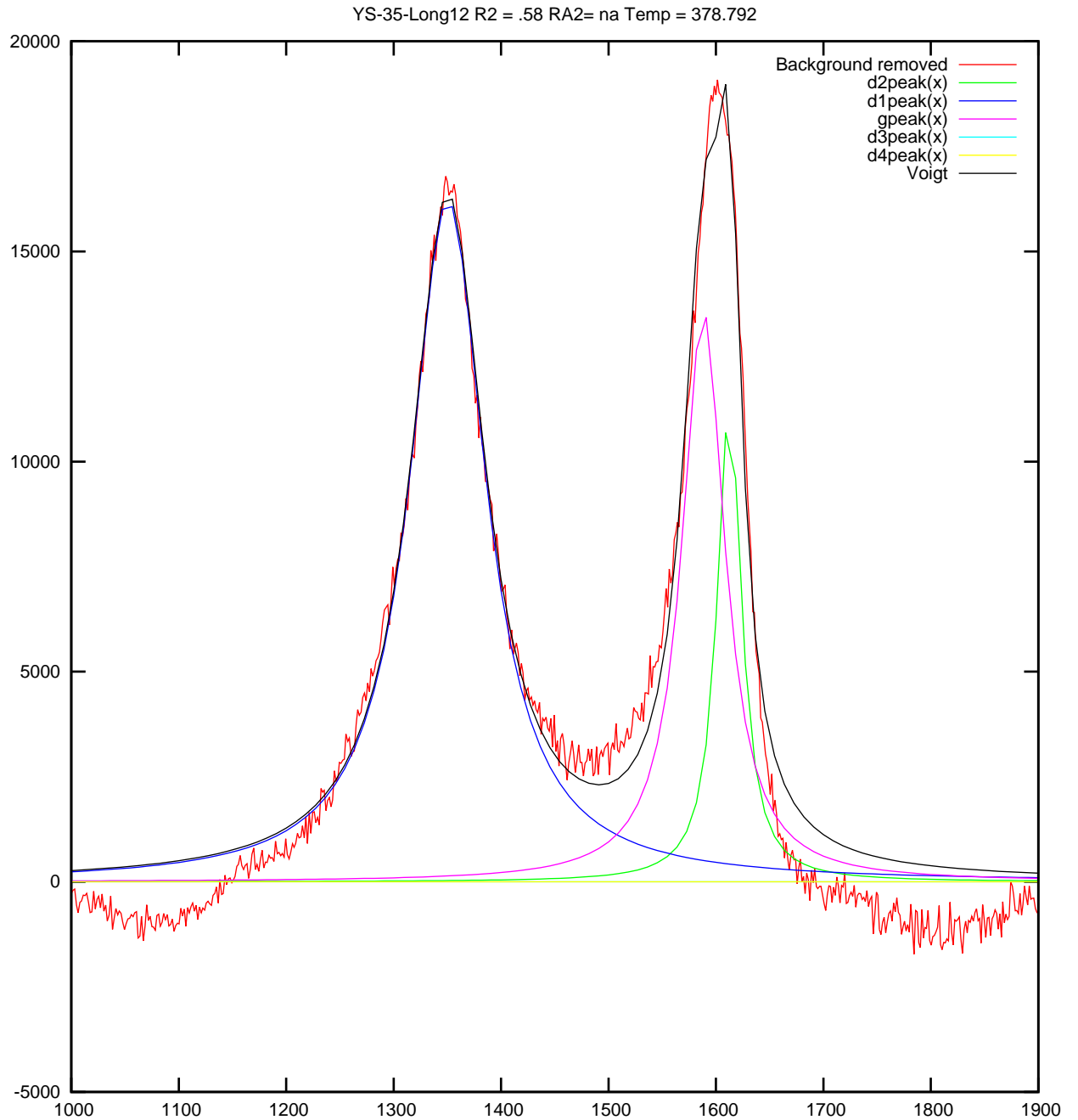
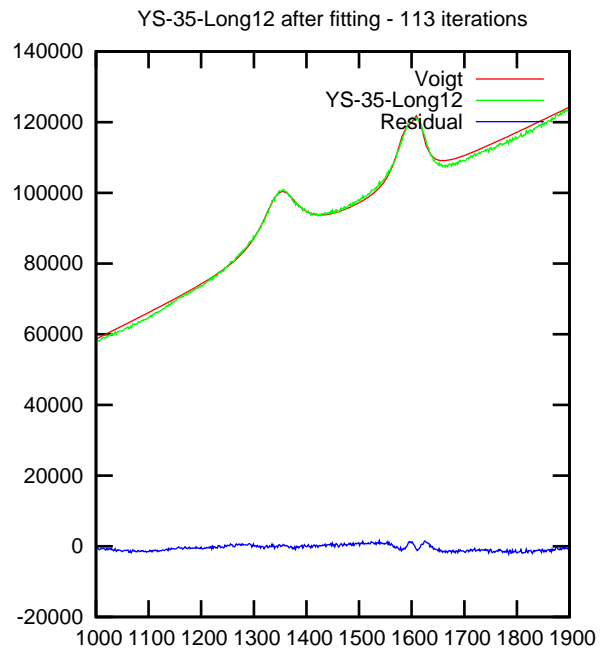
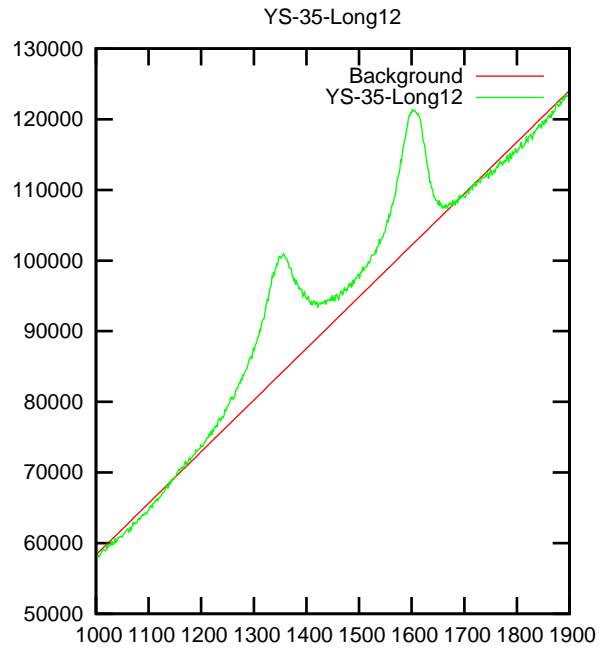


YS-35-Long09 = Noisy

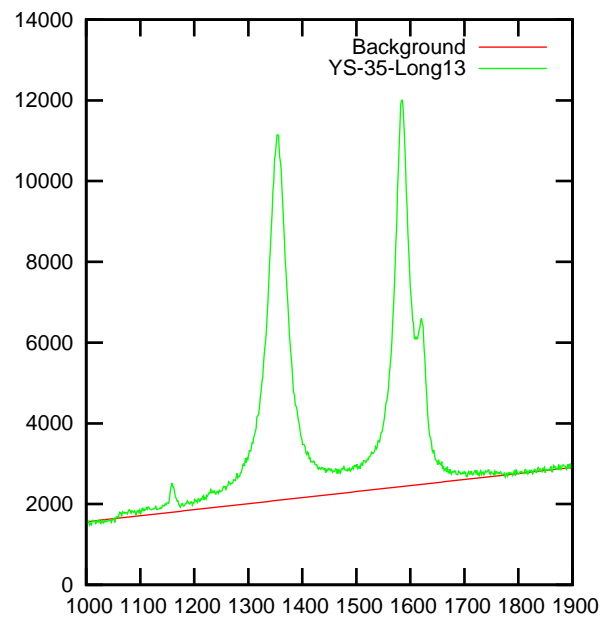




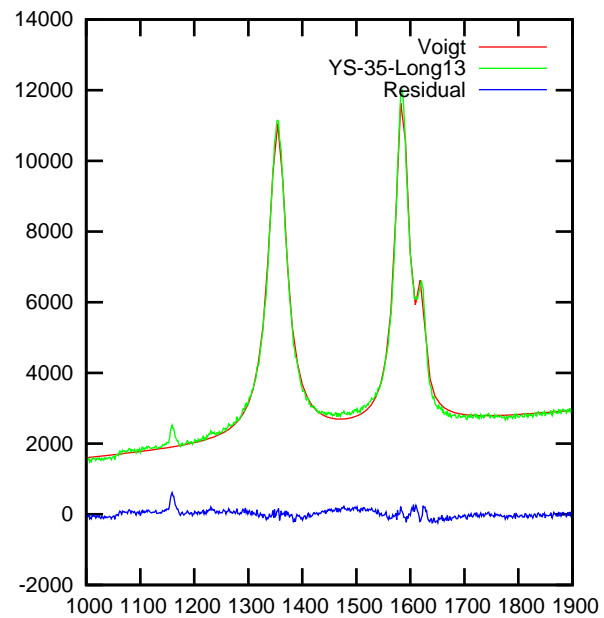




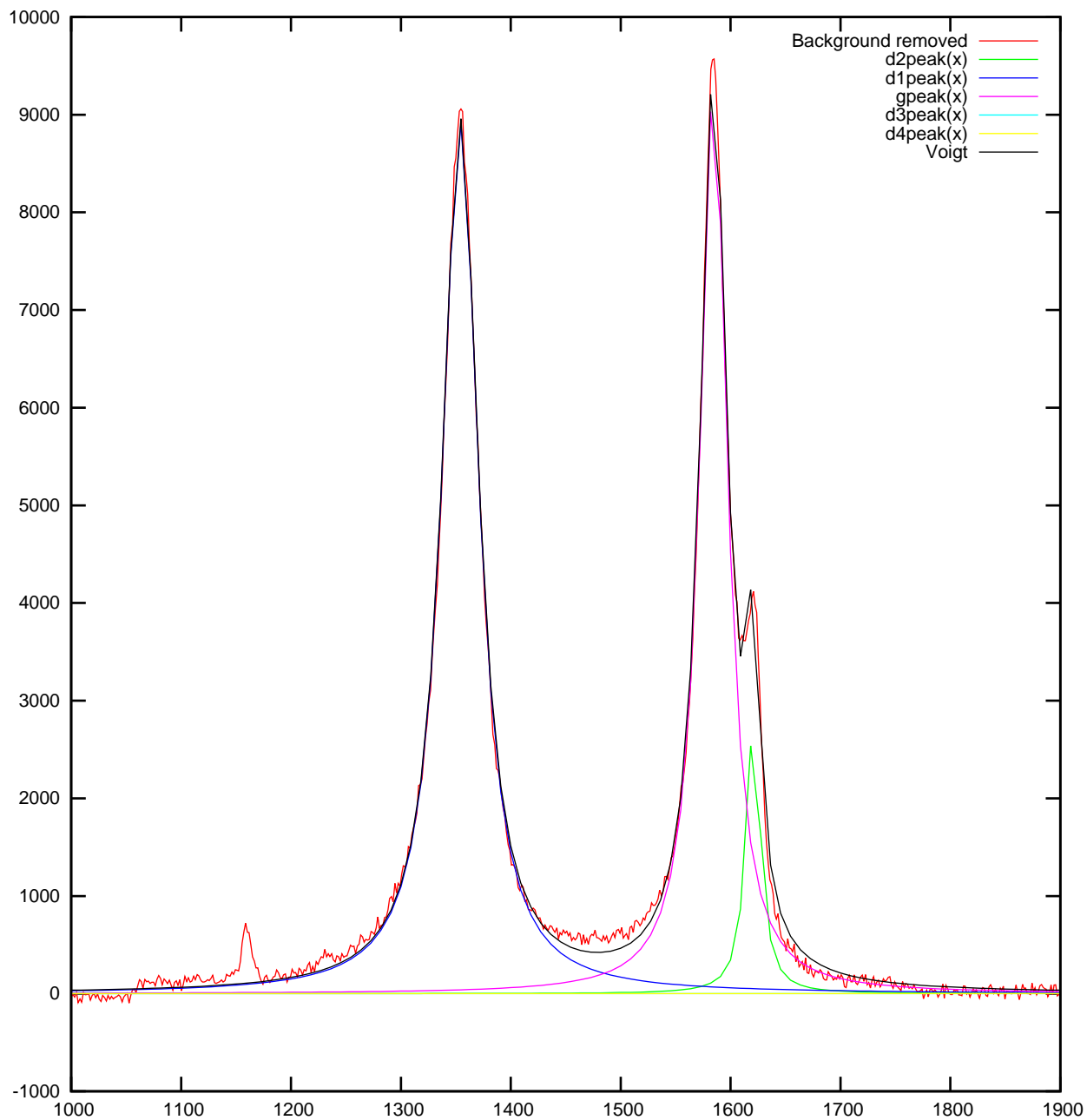
YS-35-Long13



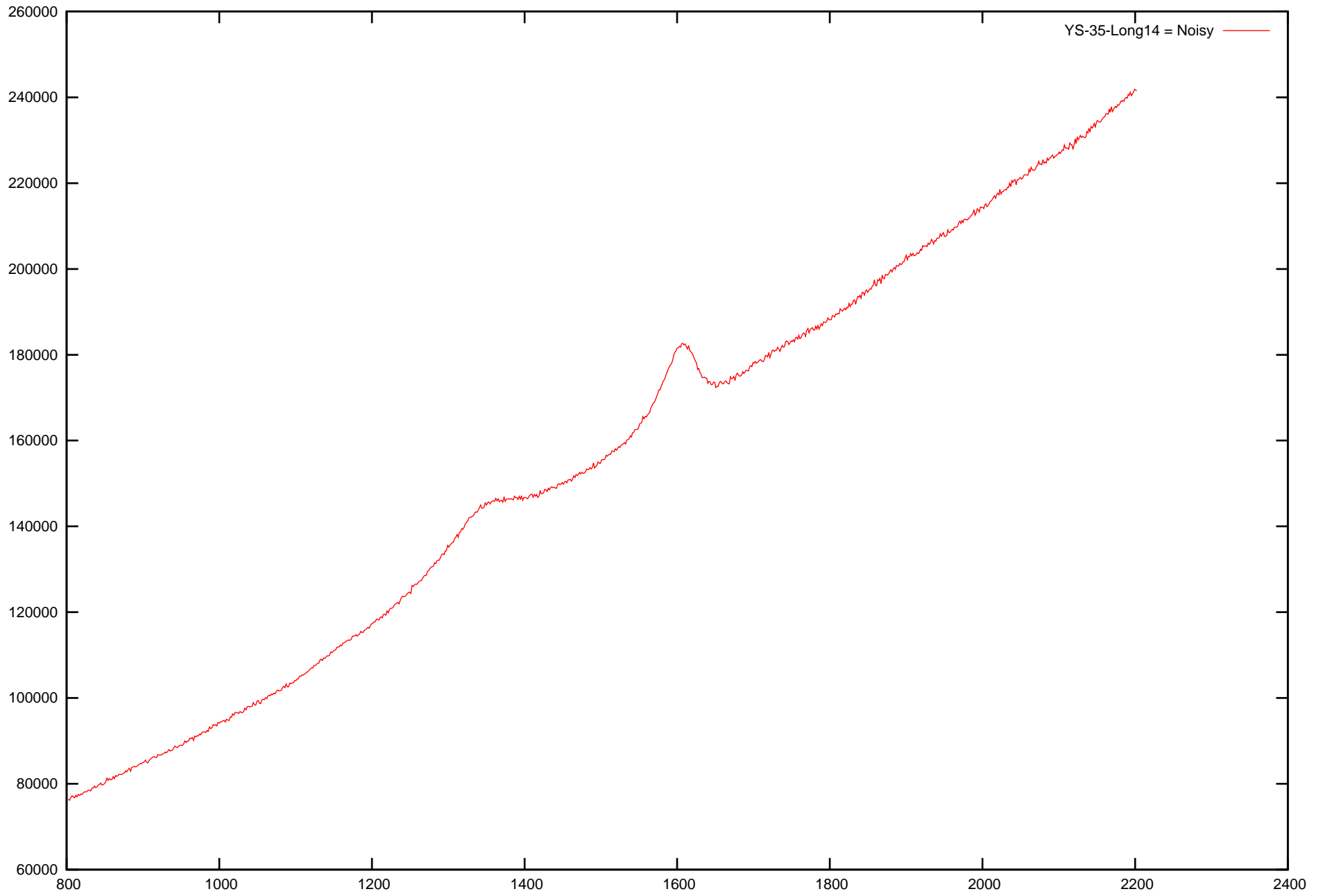
YS-35-Long13 after fitting - 116 iterations

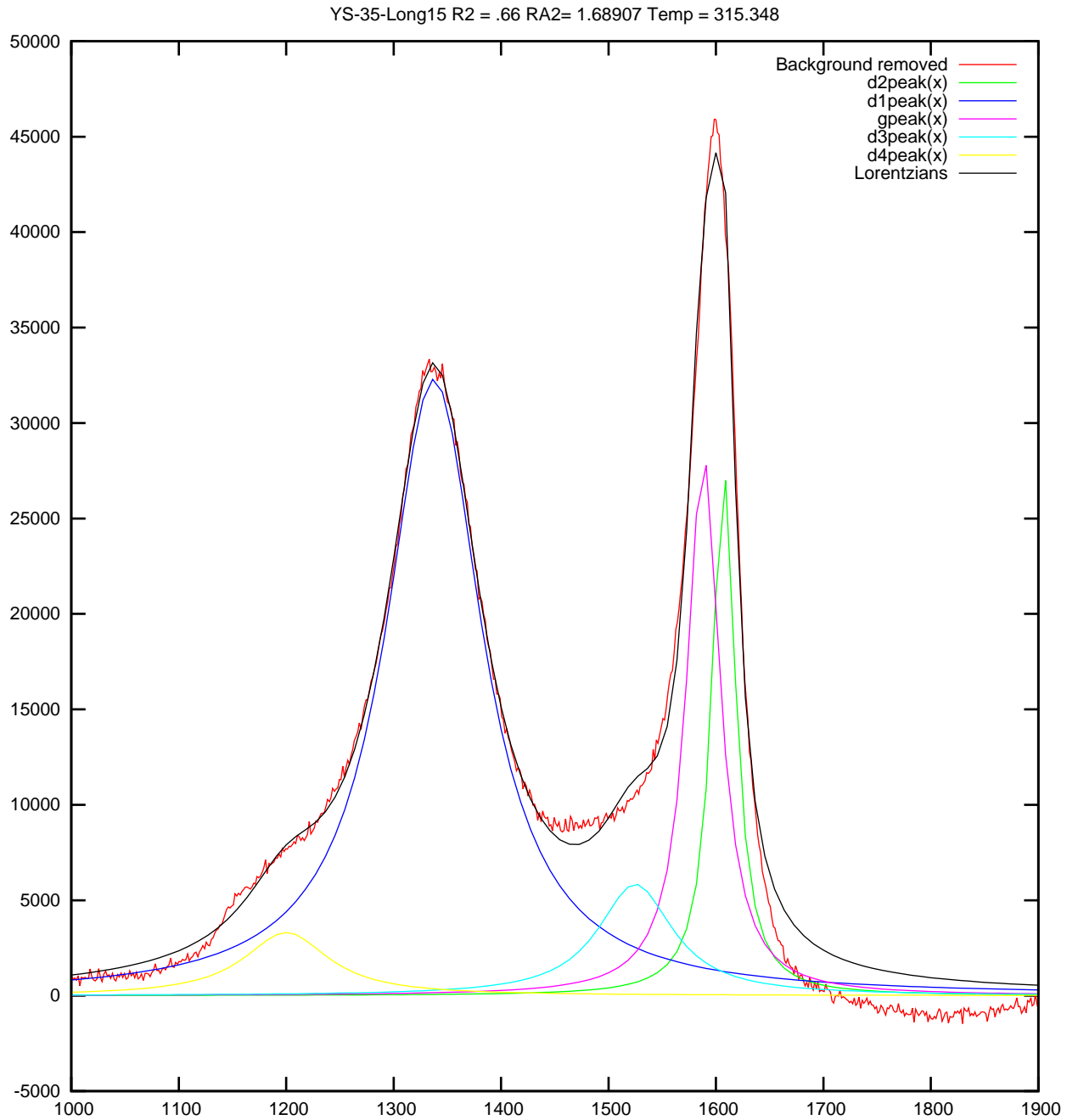
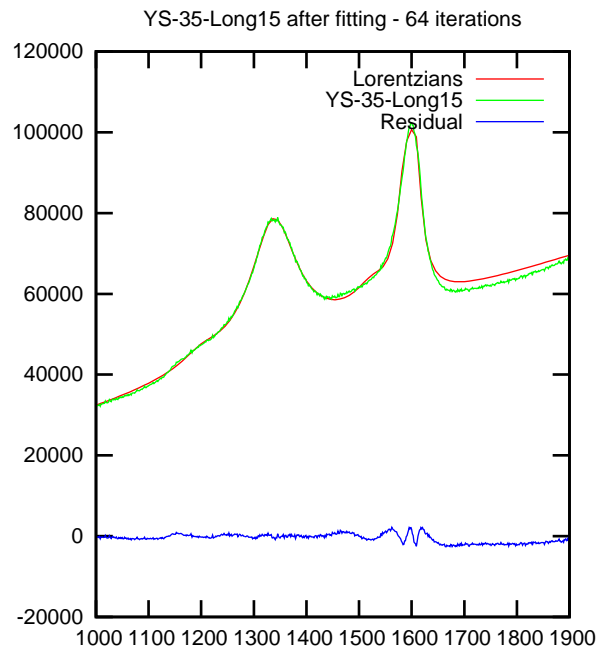
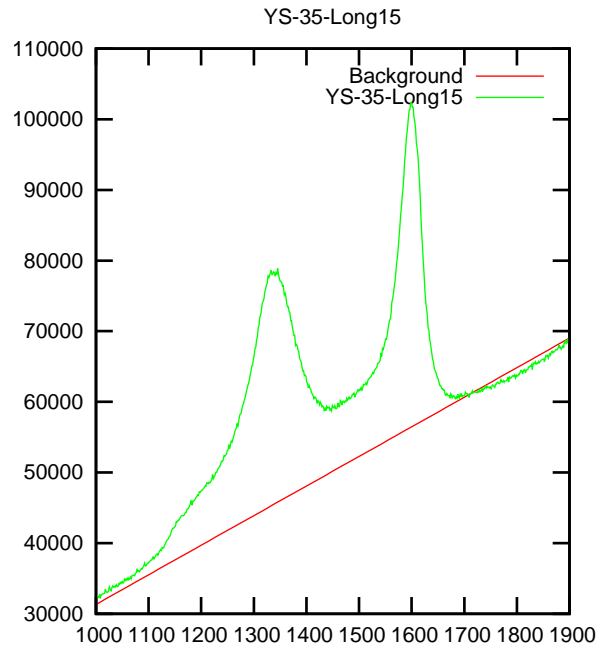


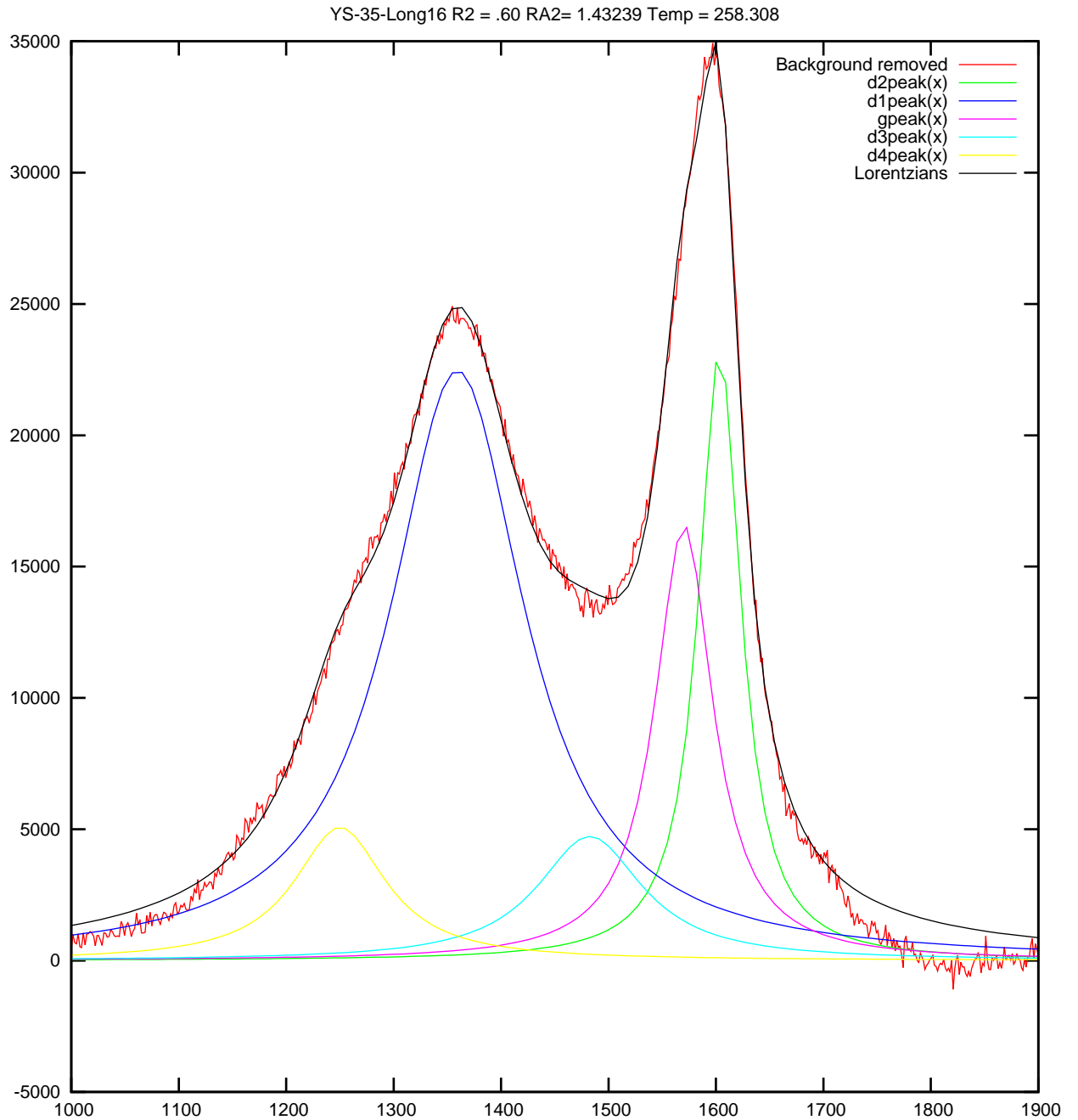
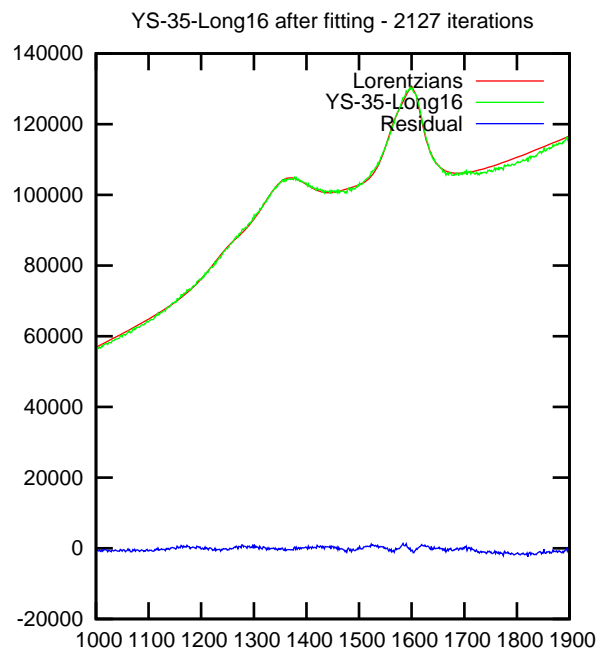
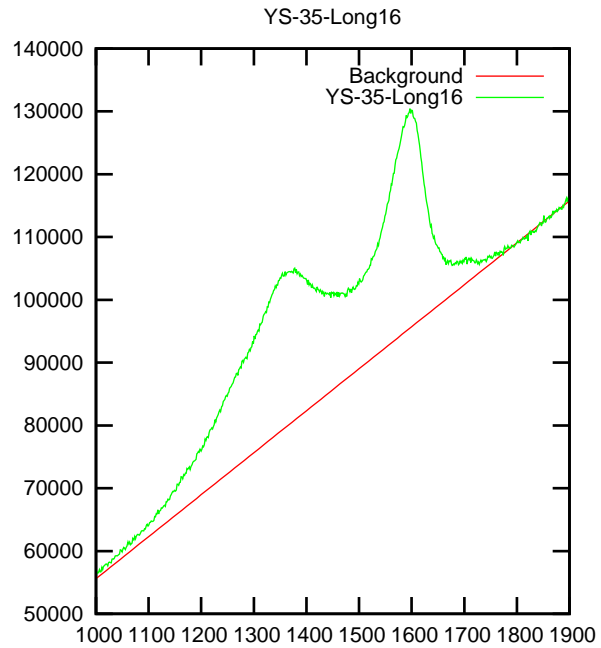
YS-35-Long13 R2 = .52 RA2= na Temp = 406.418

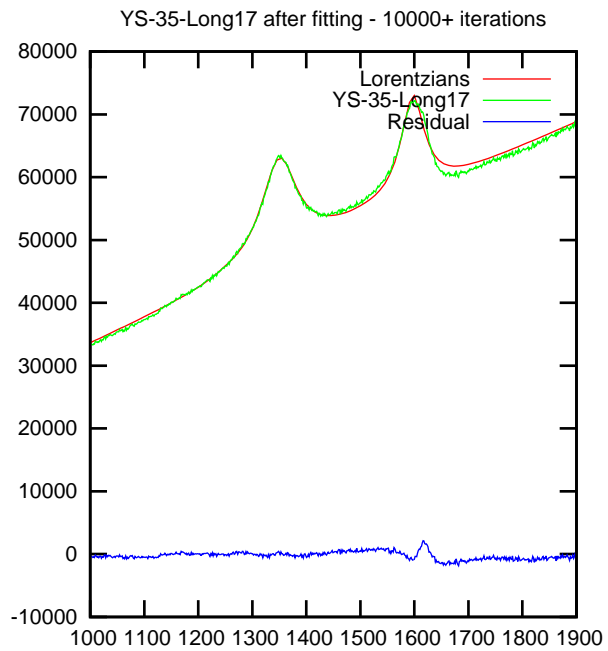
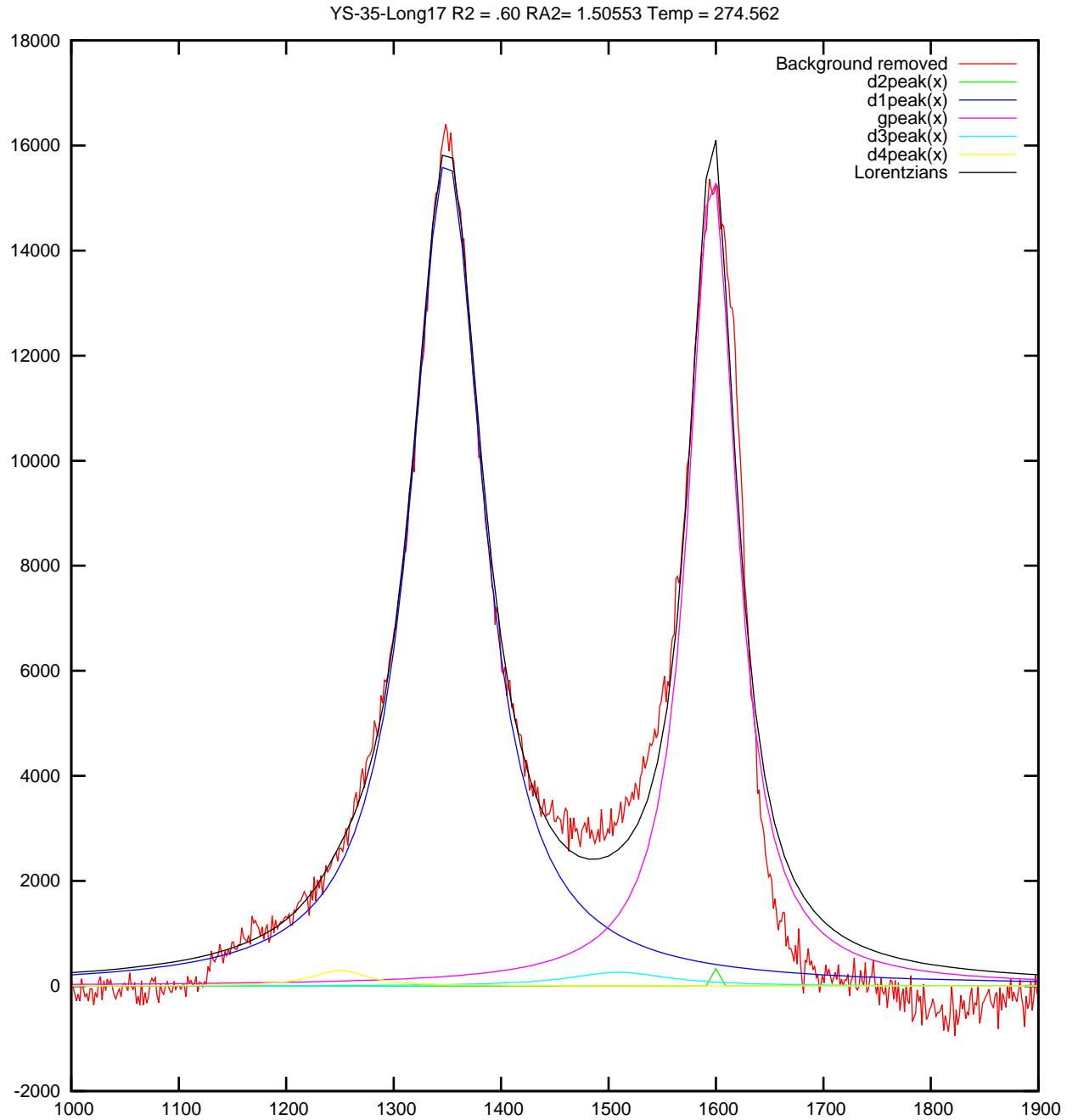
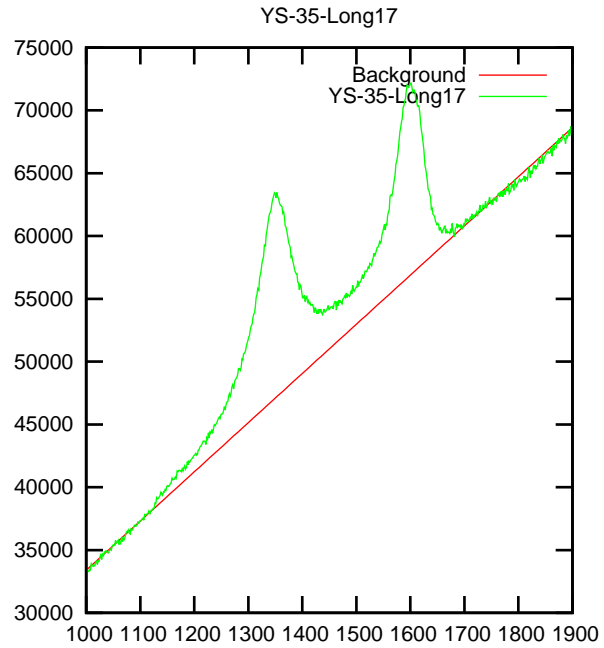


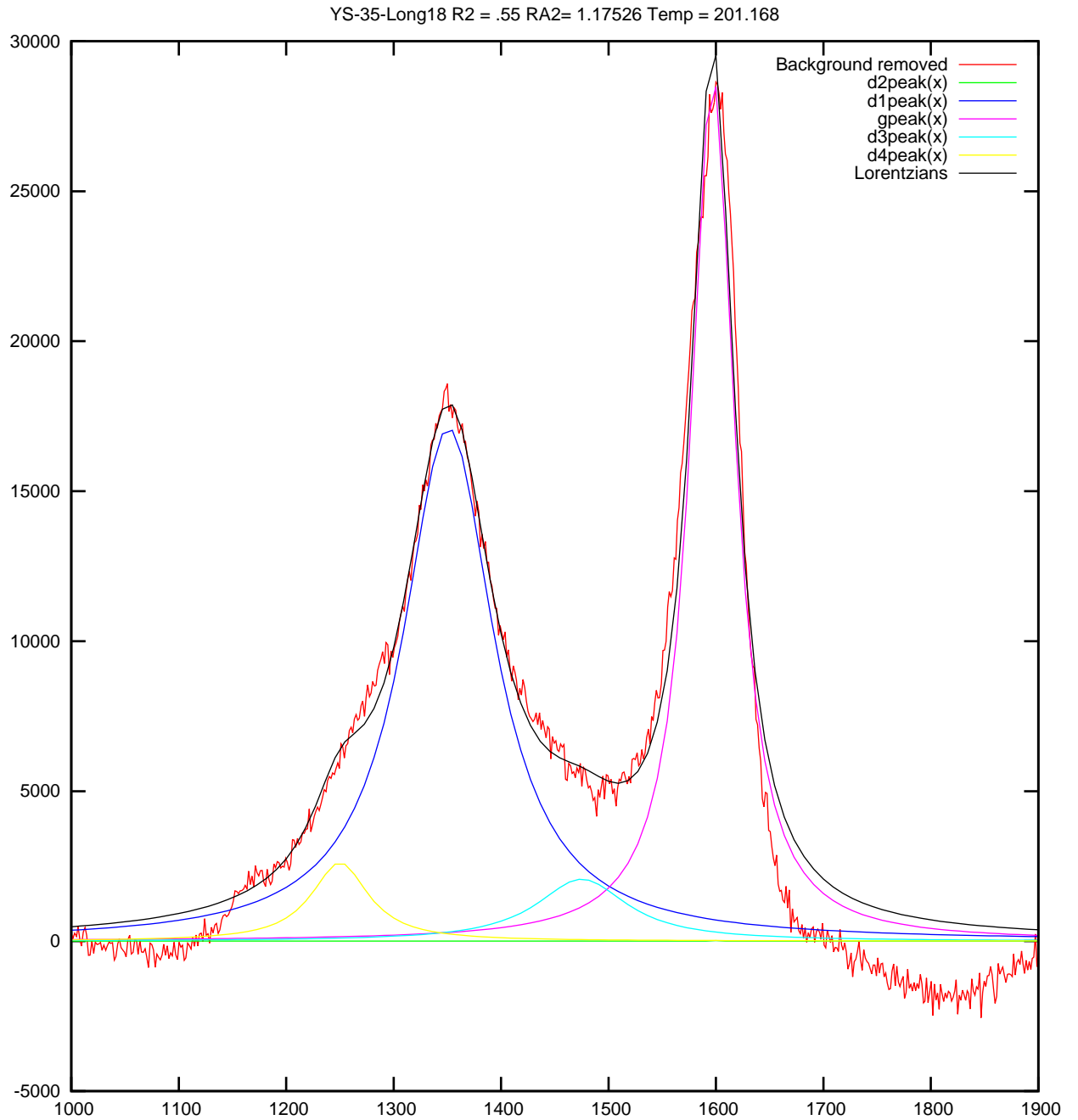
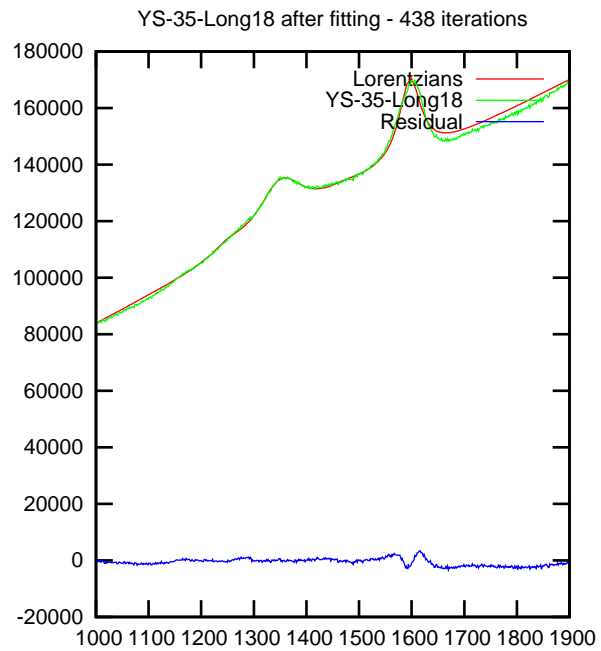
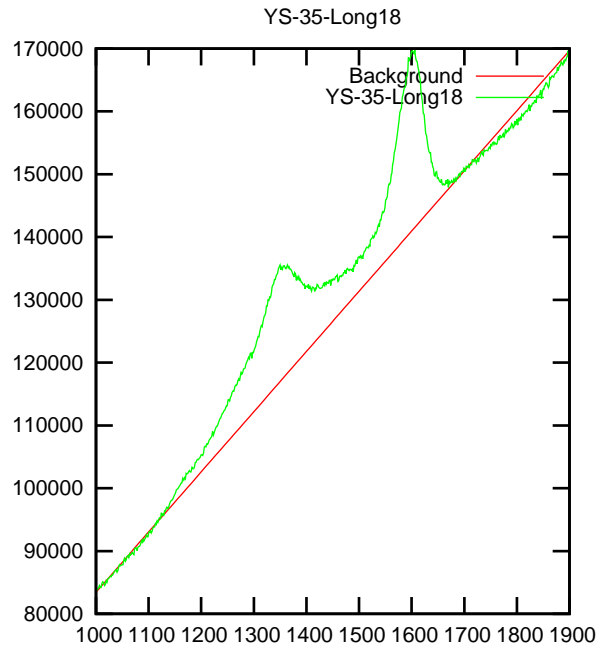
YS-35-Long14 = Noisy

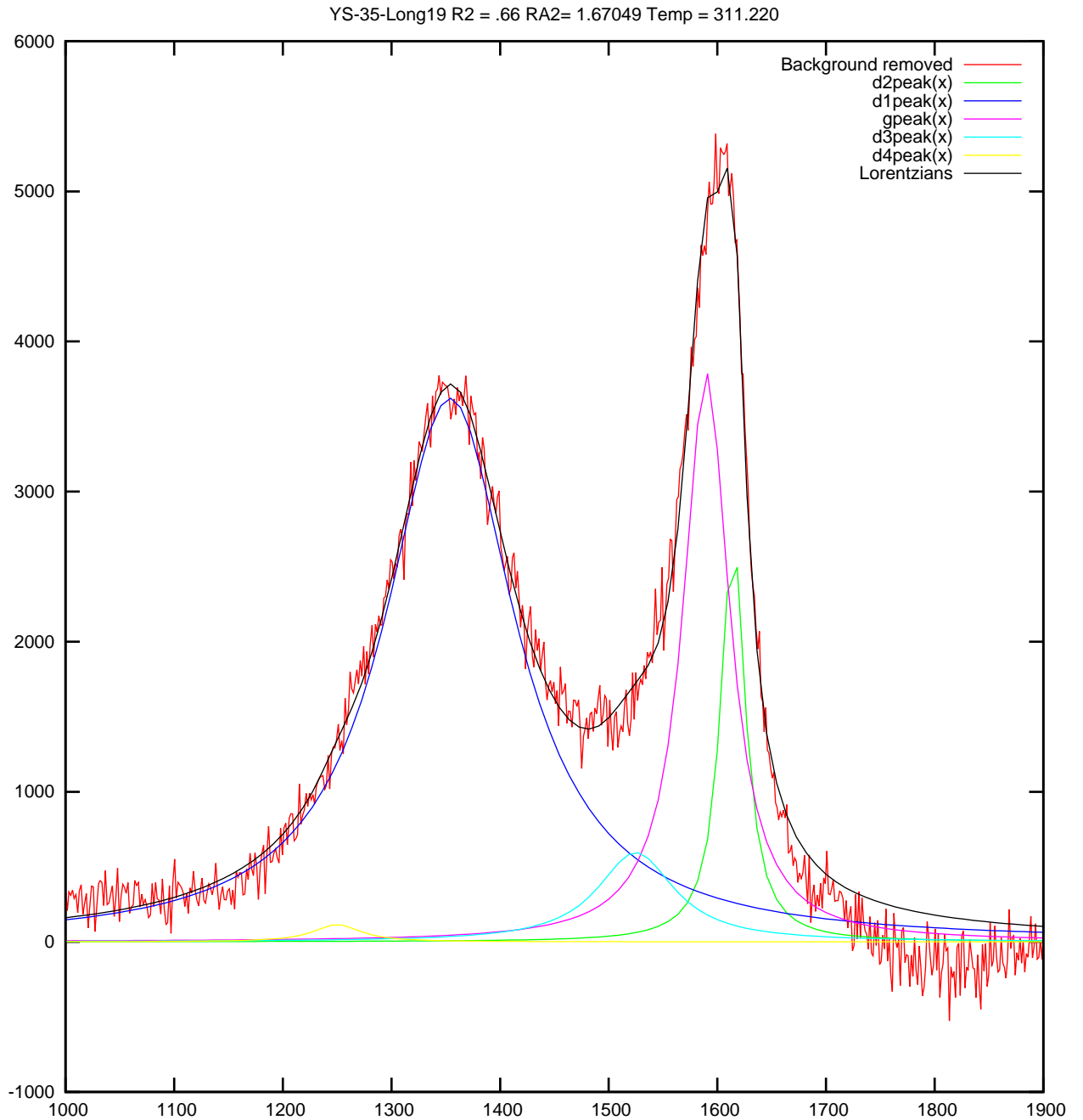
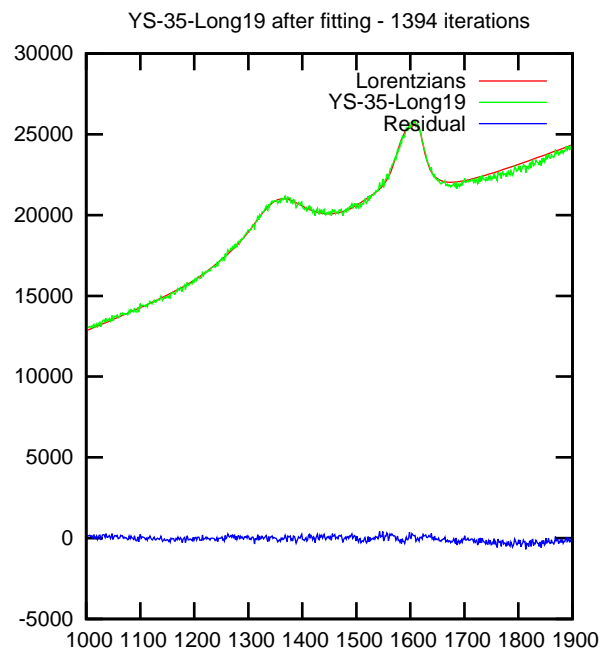
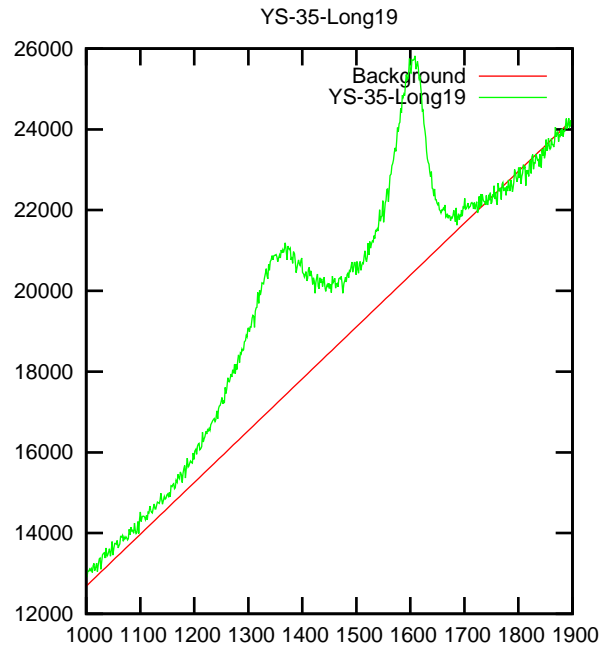


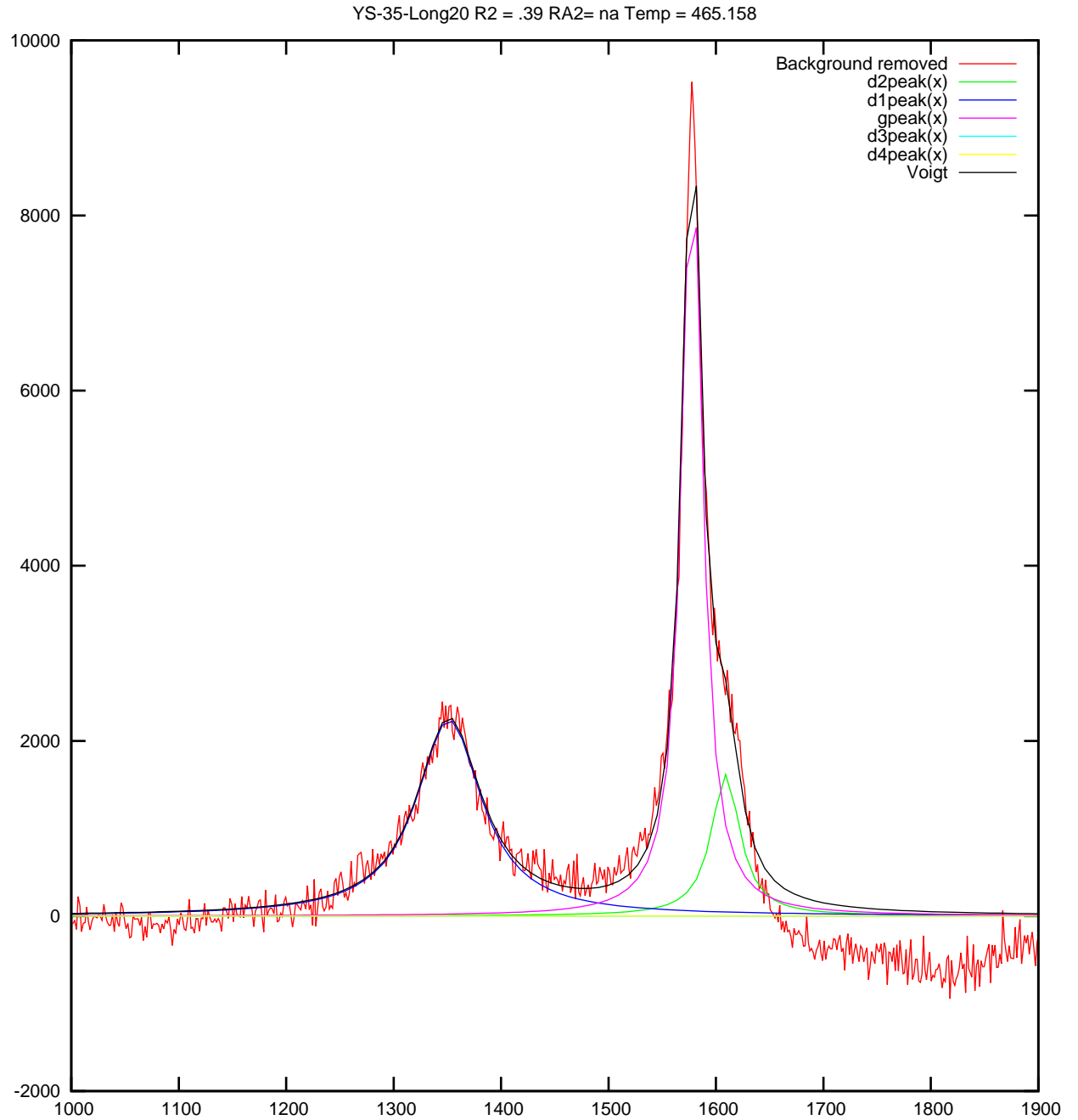
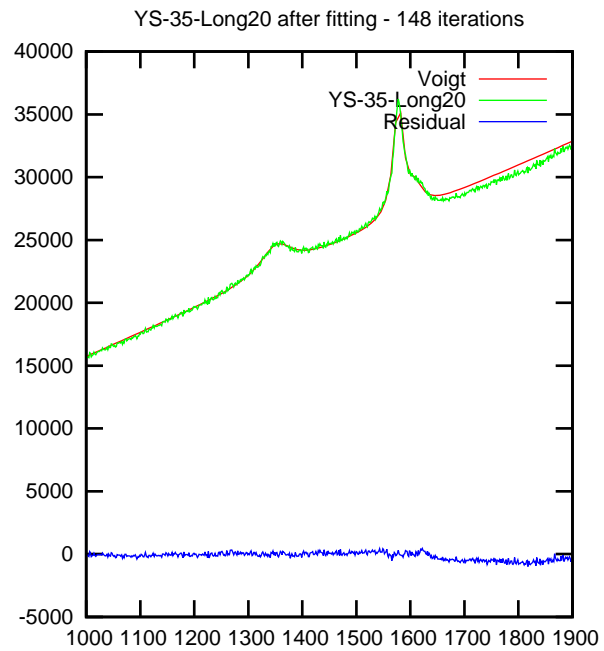
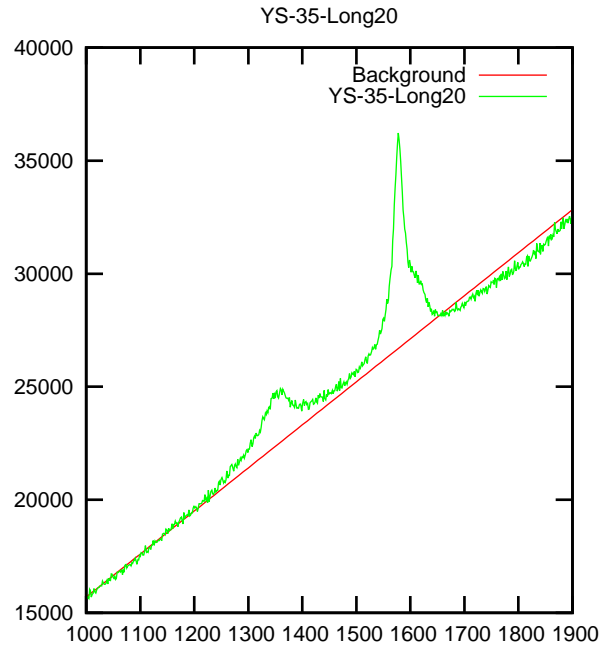


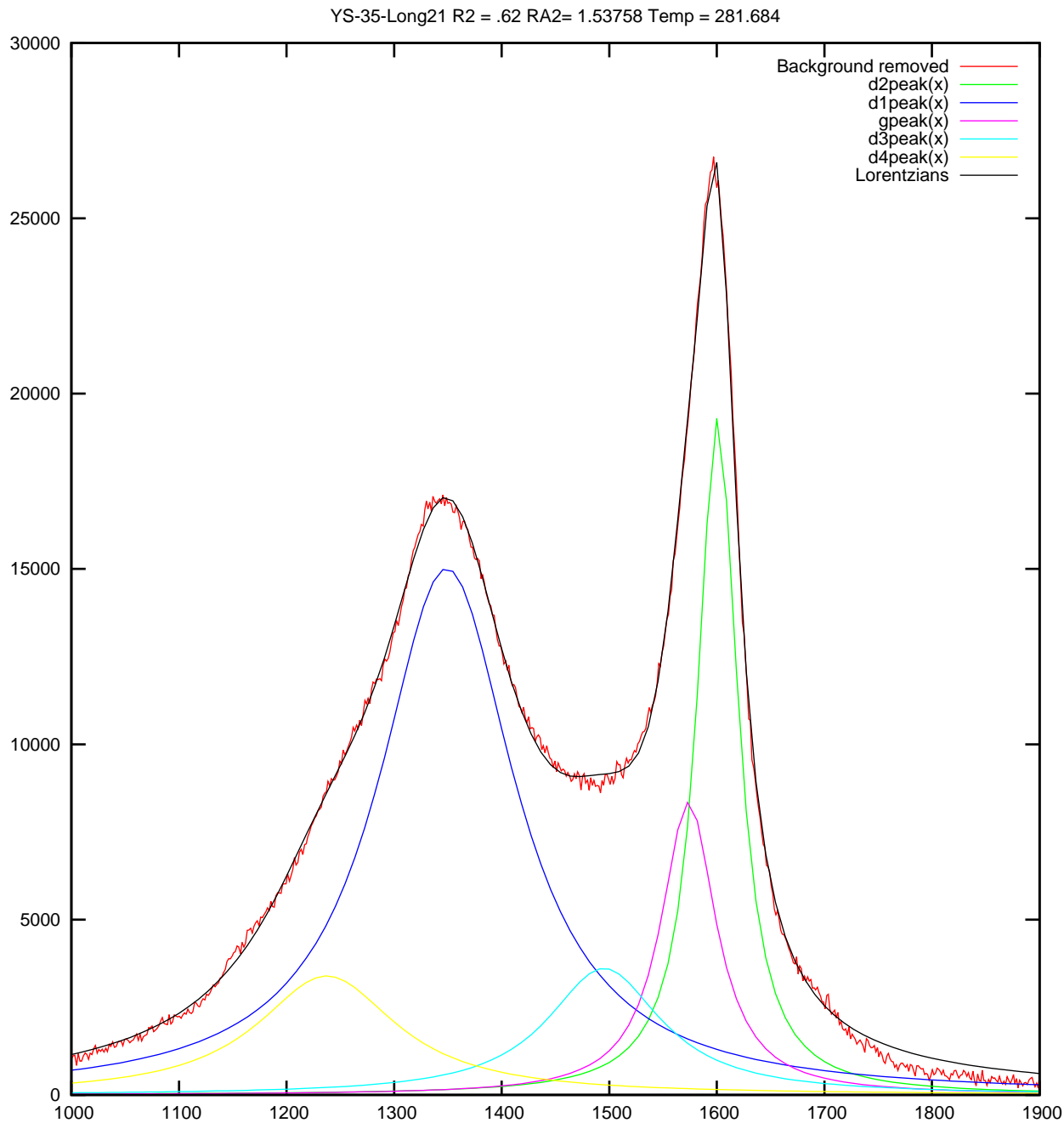
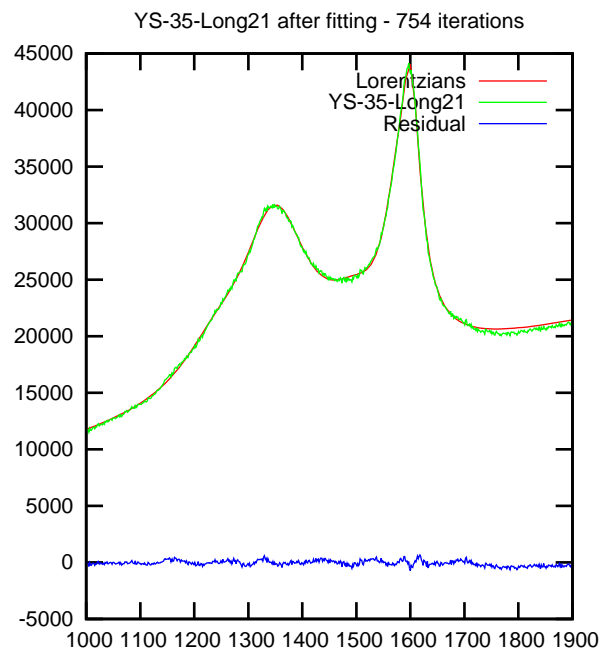
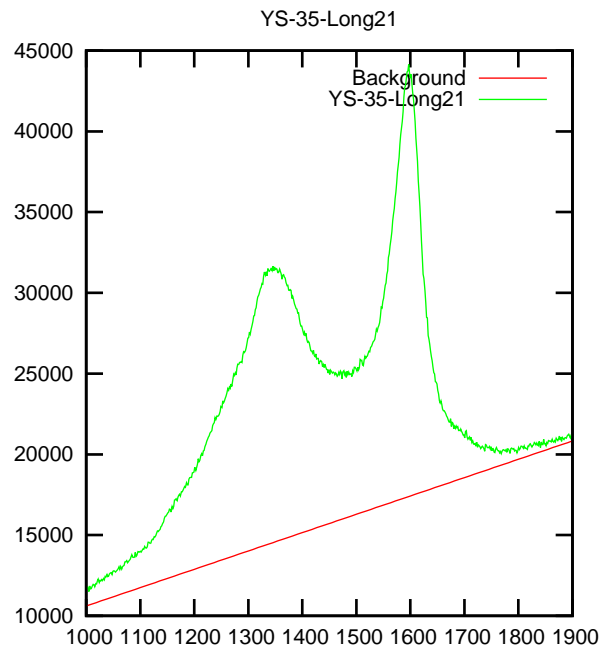


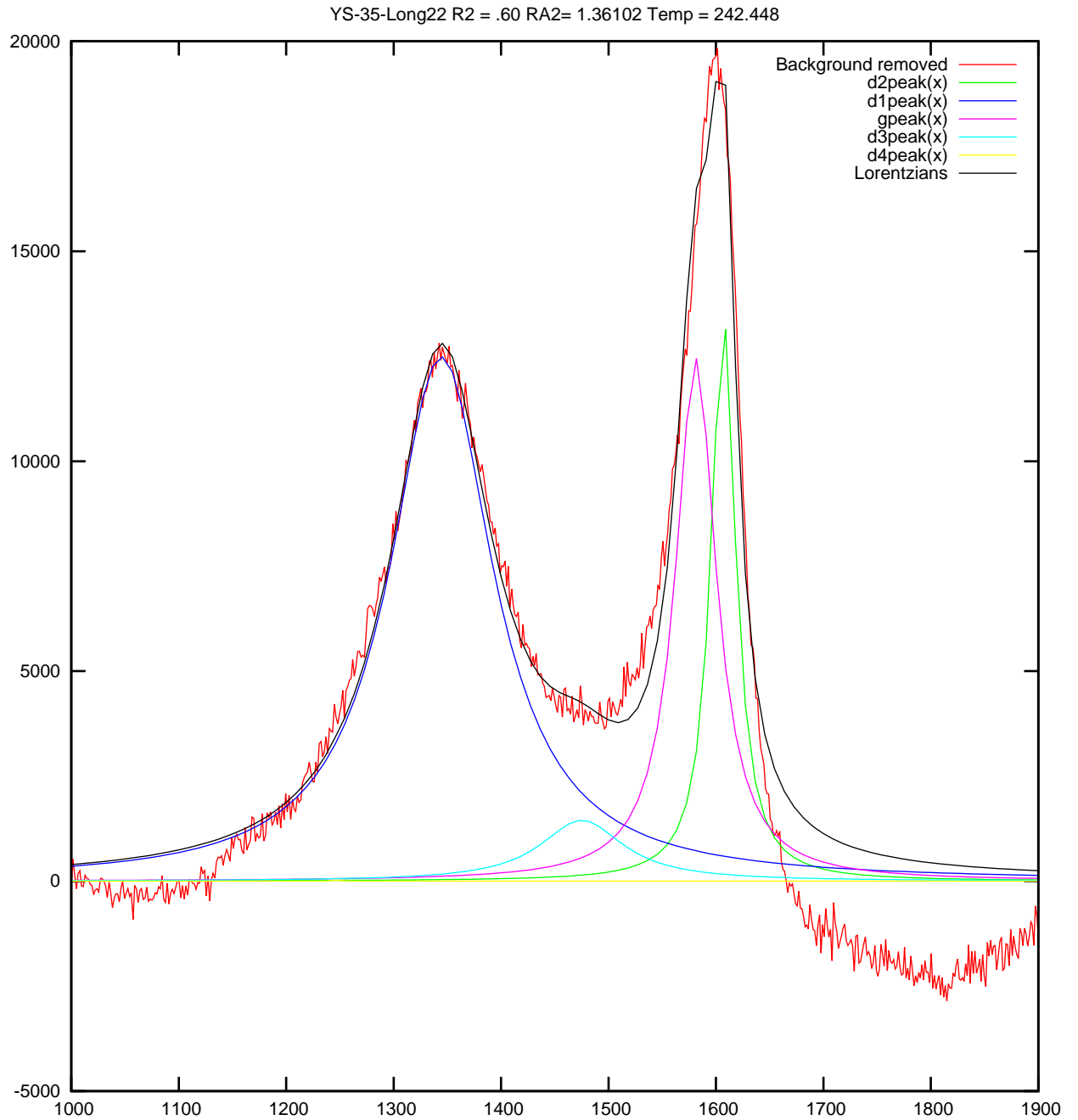
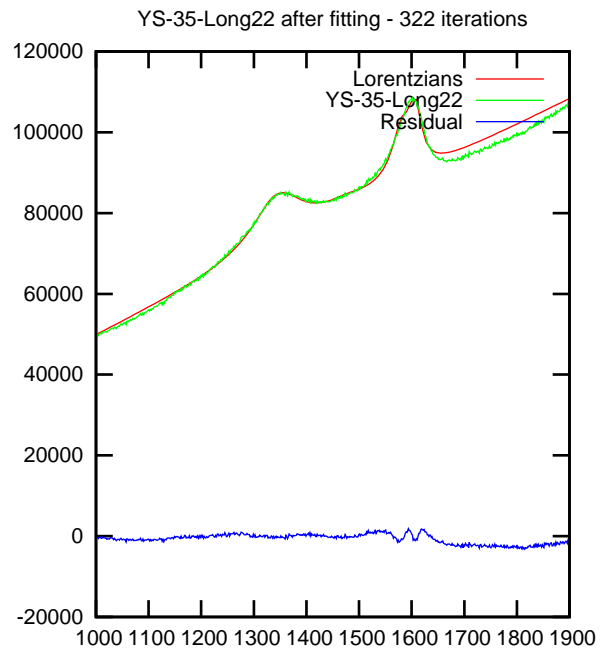
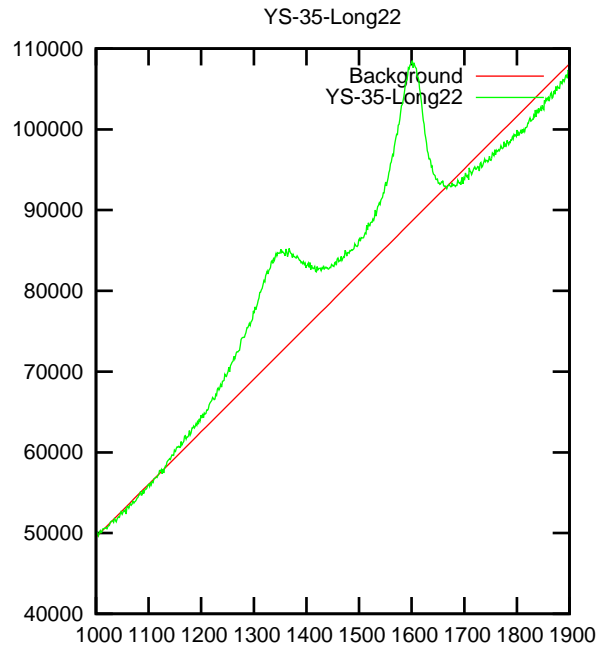


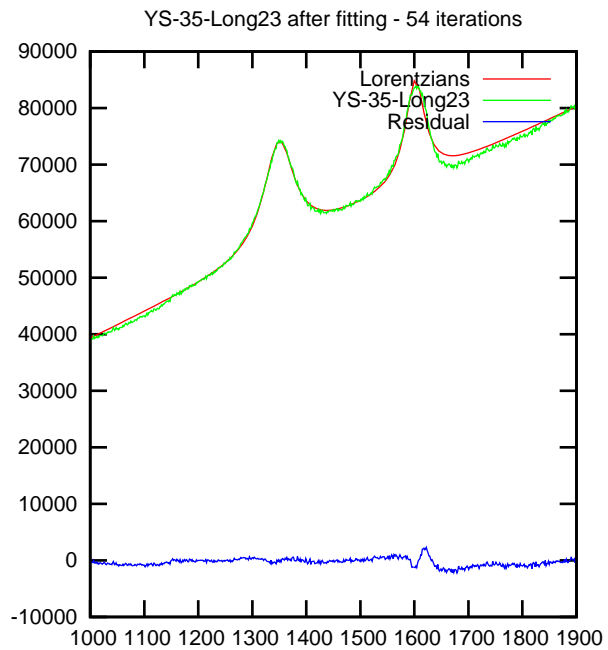
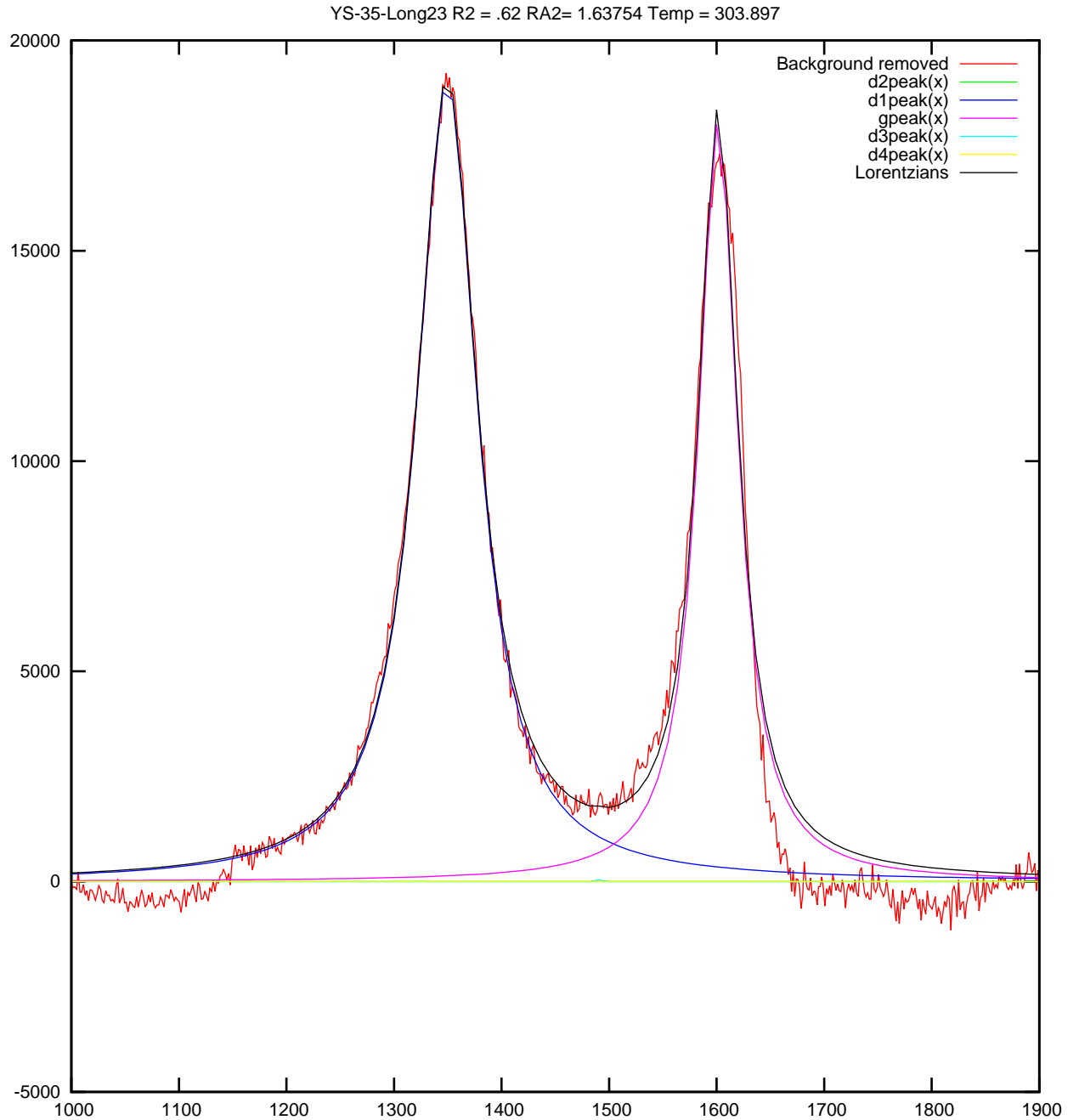
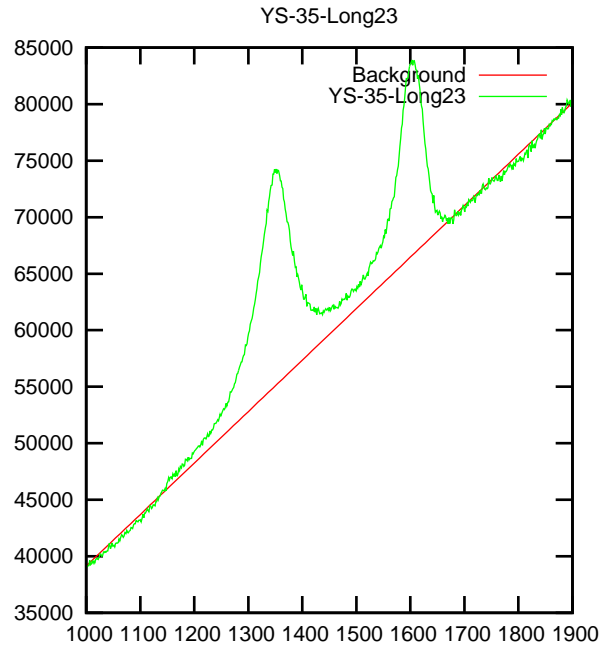


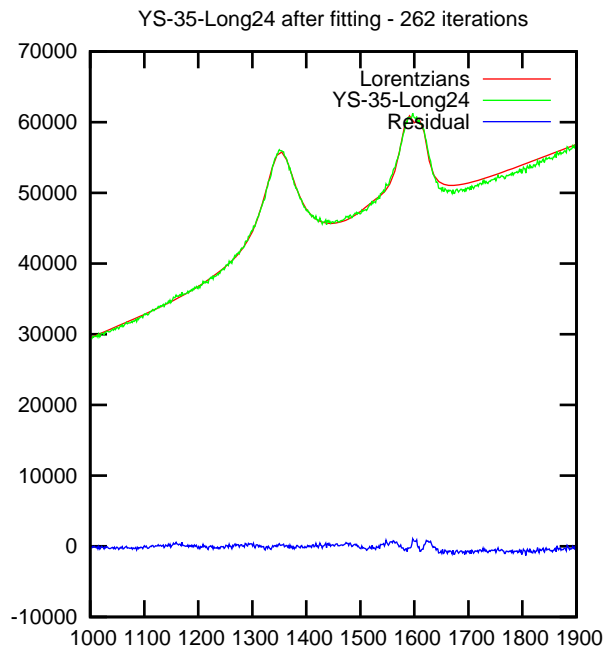
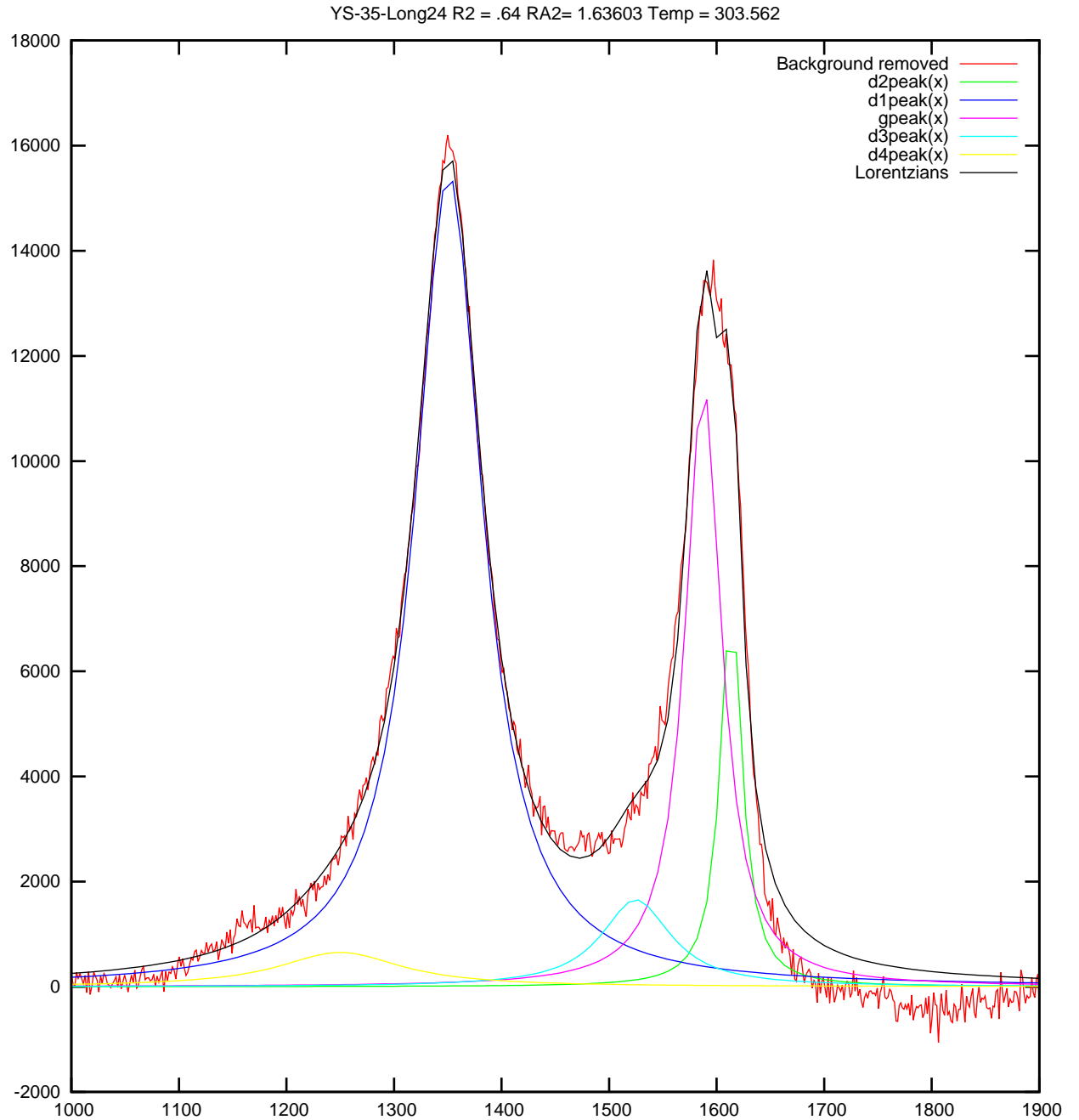
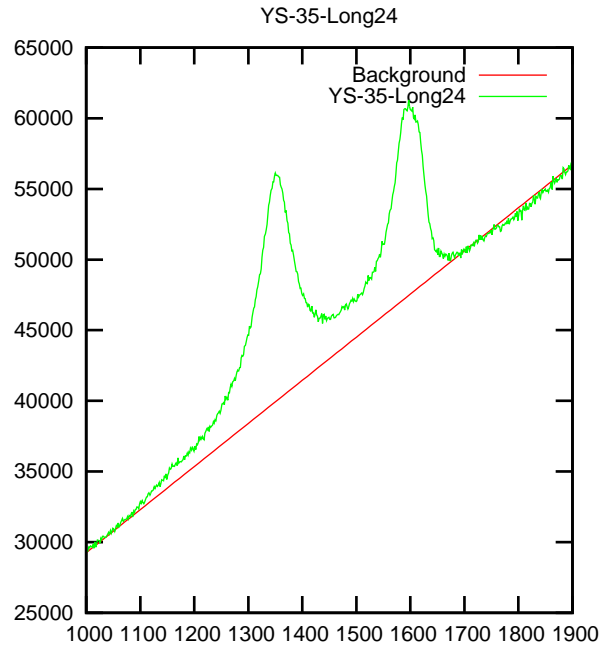


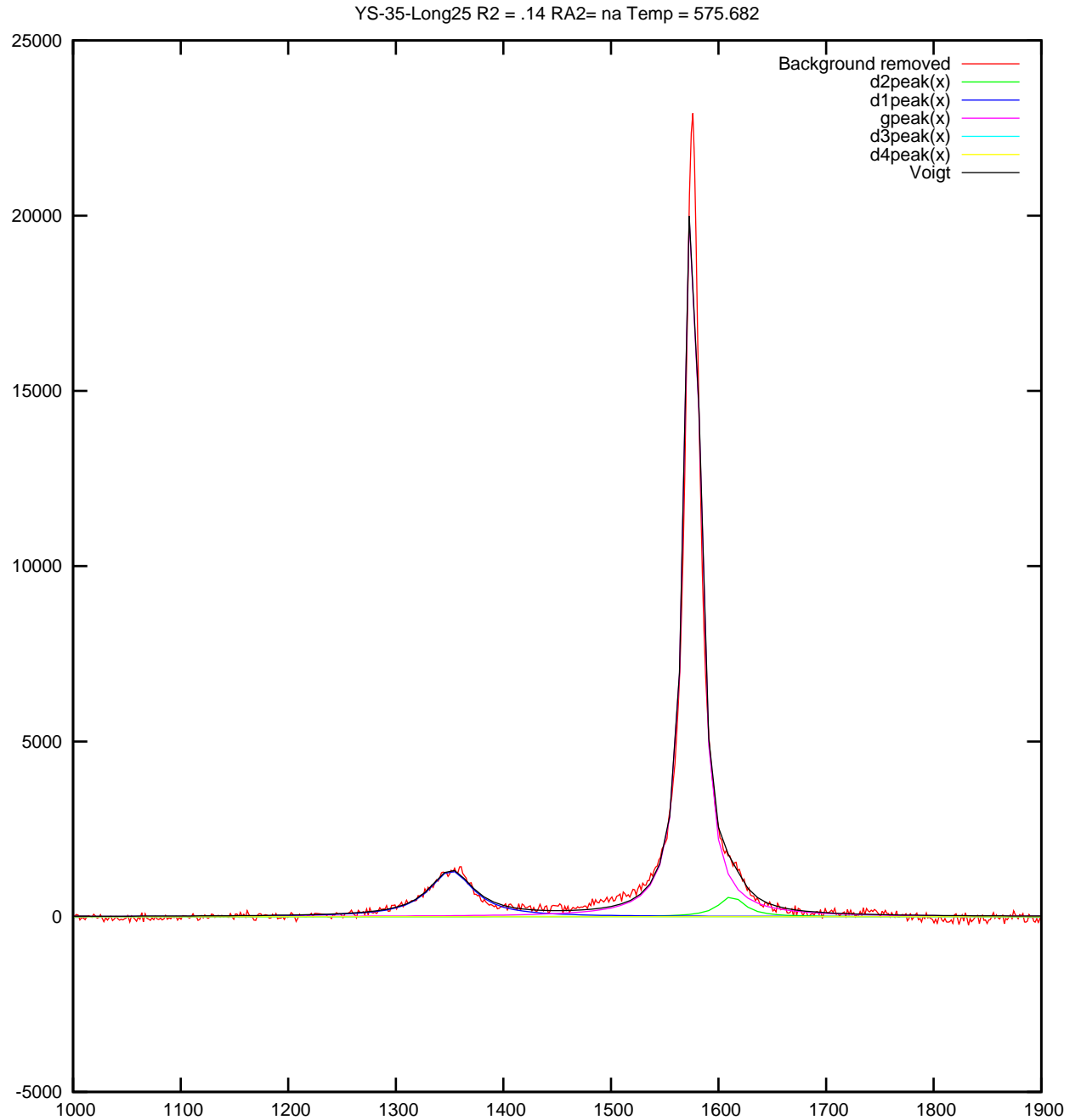
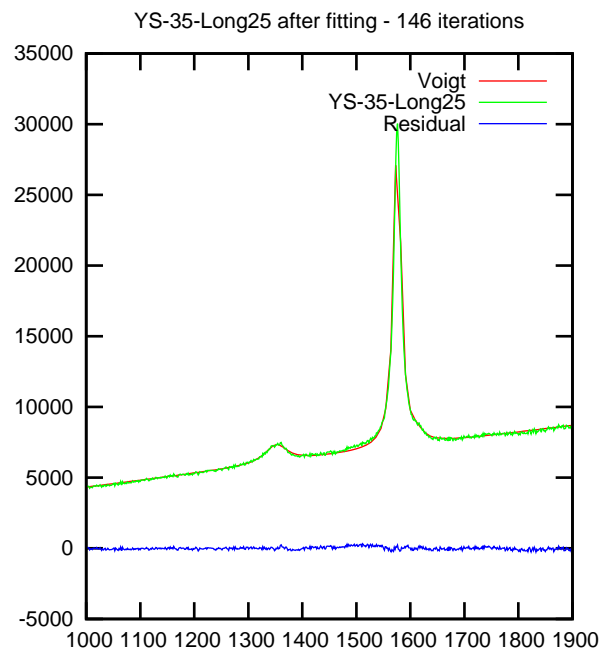
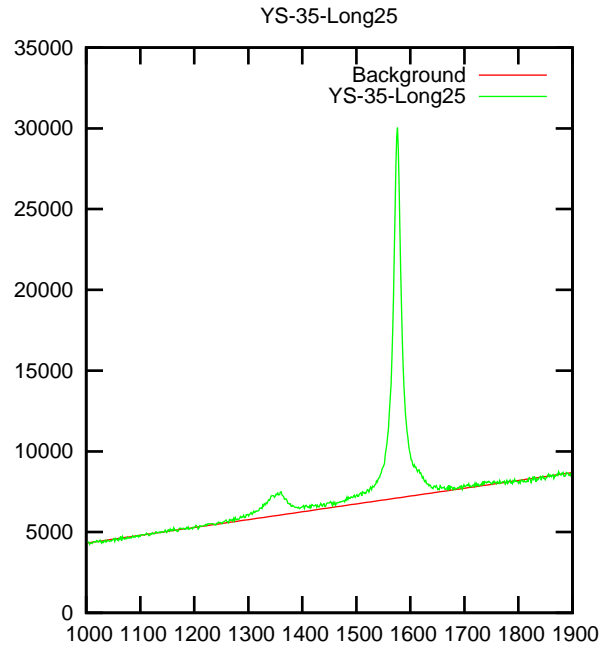


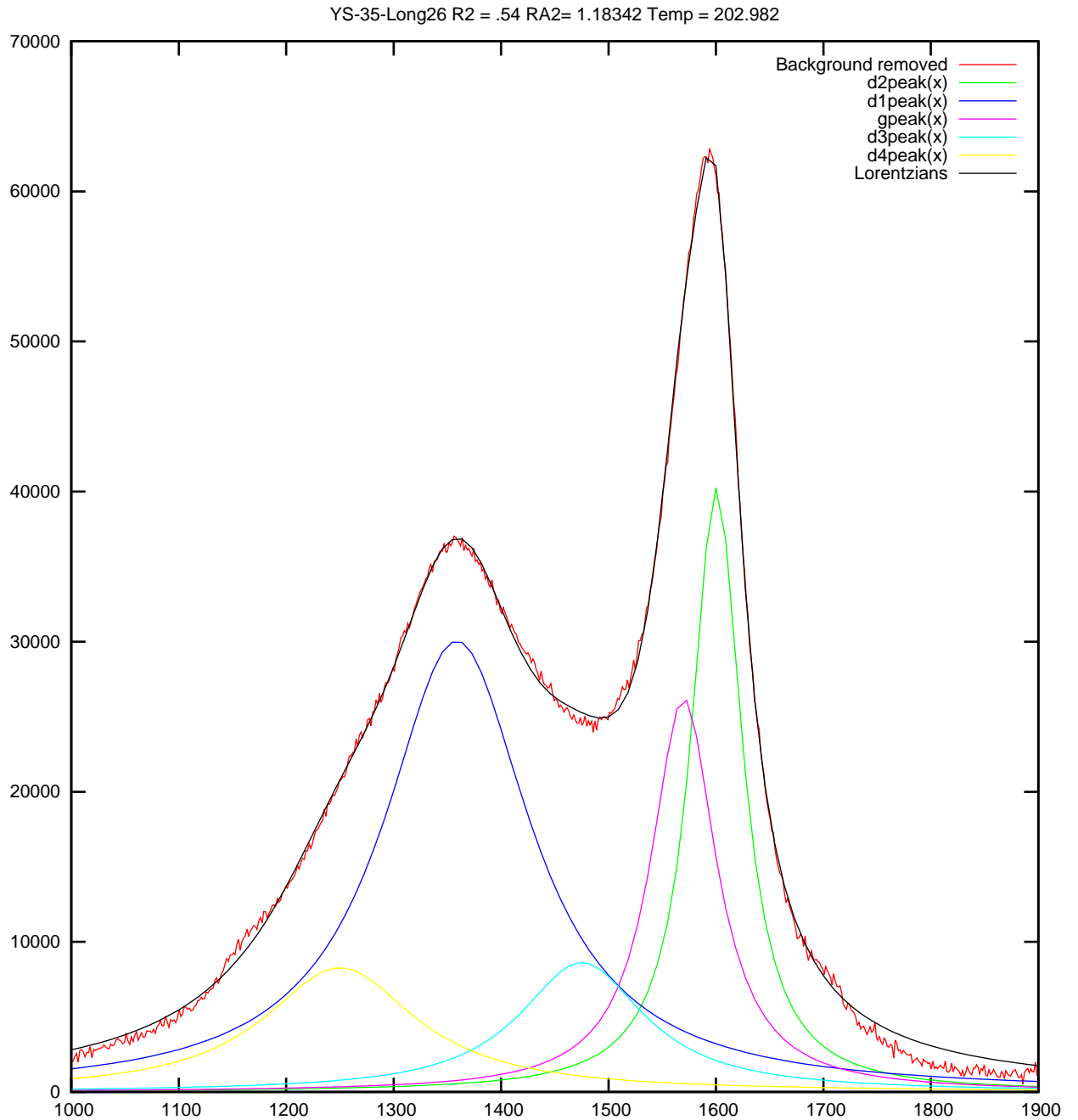
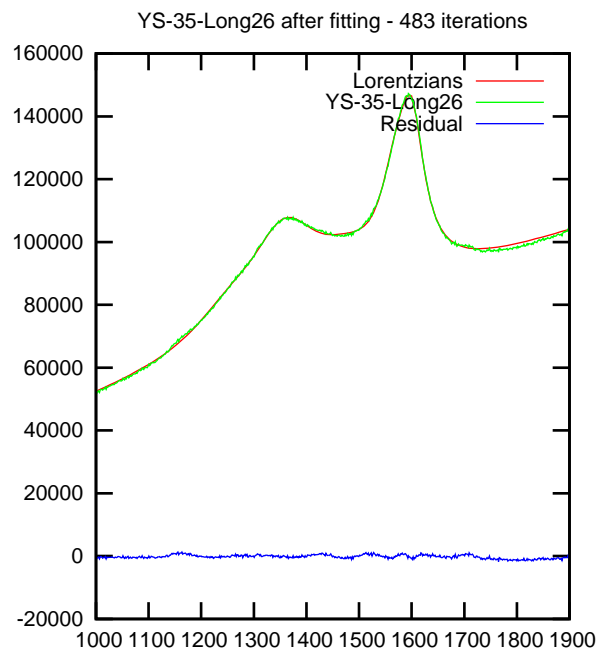
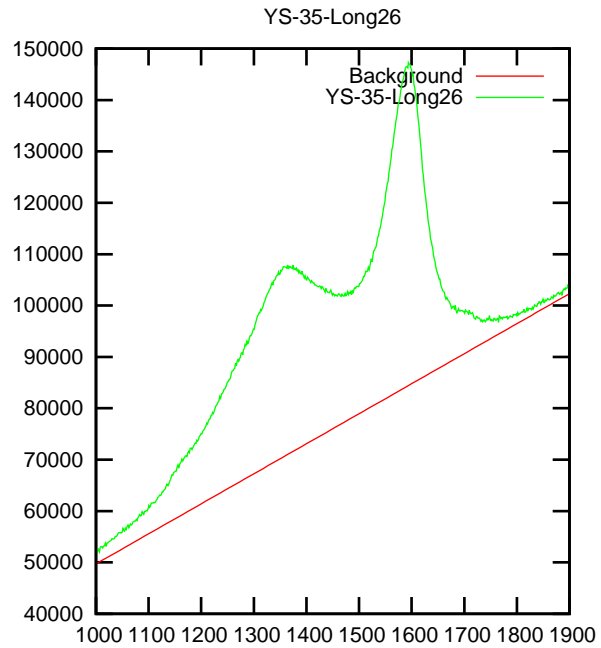


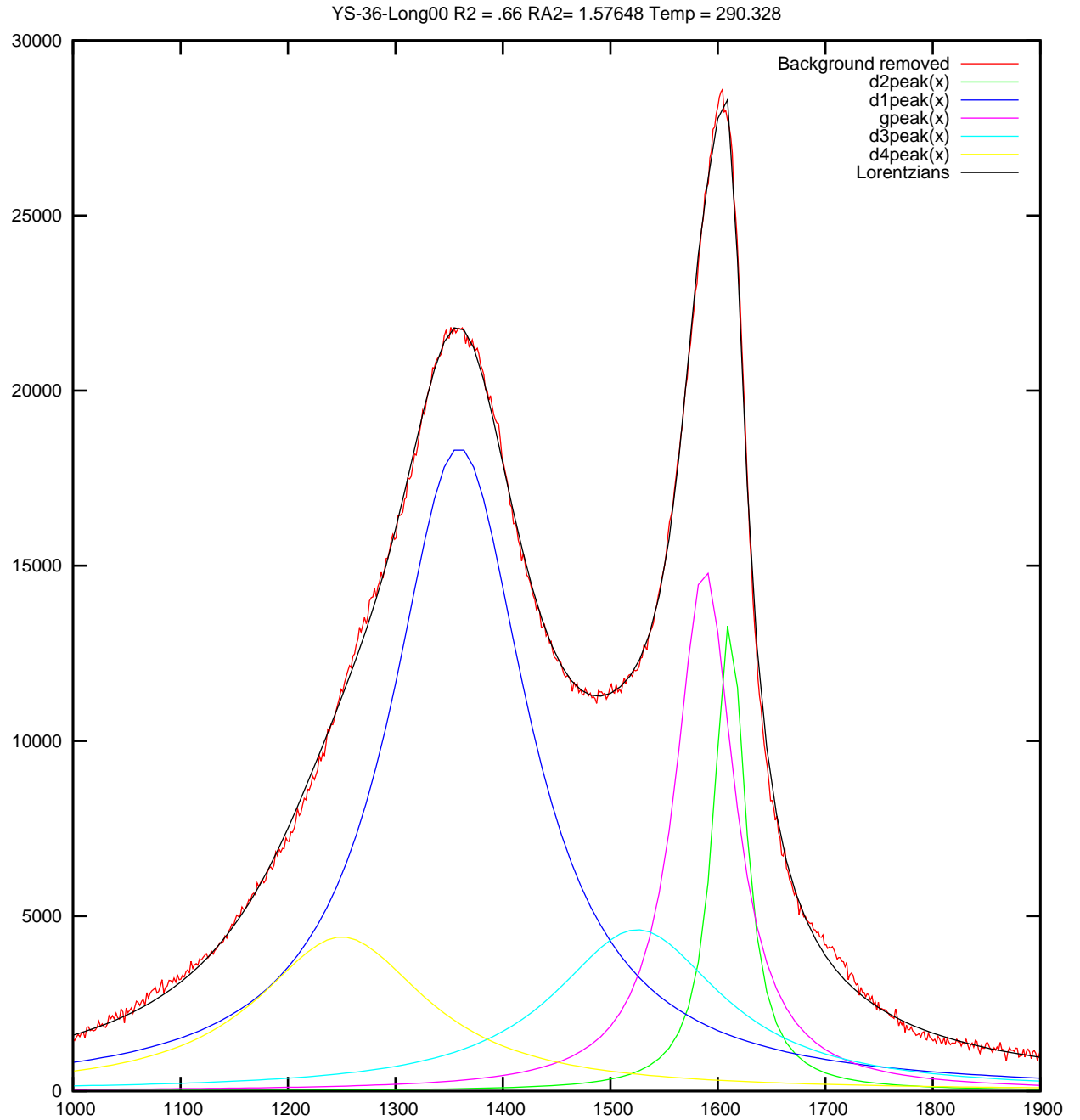
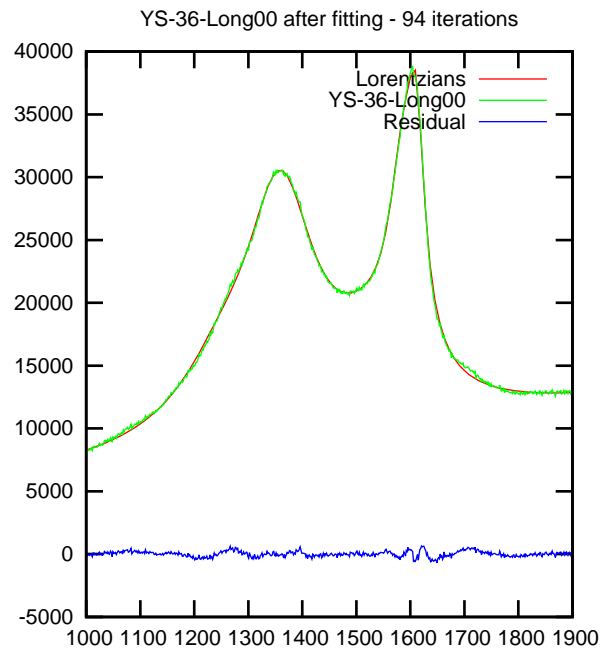
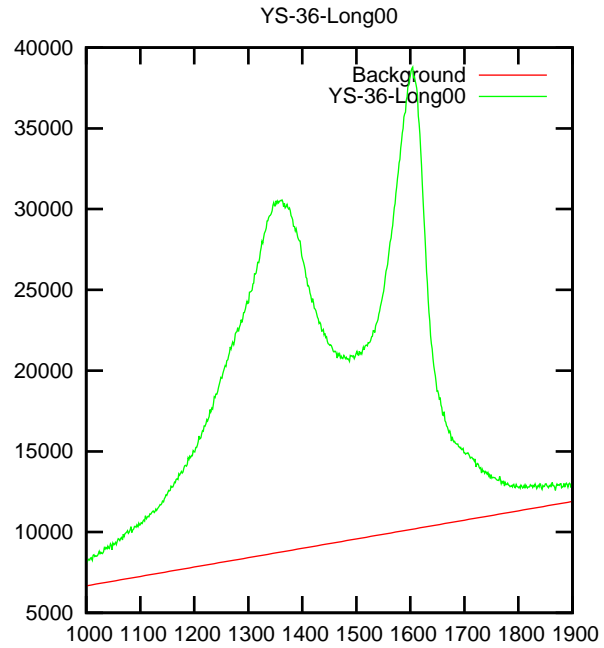


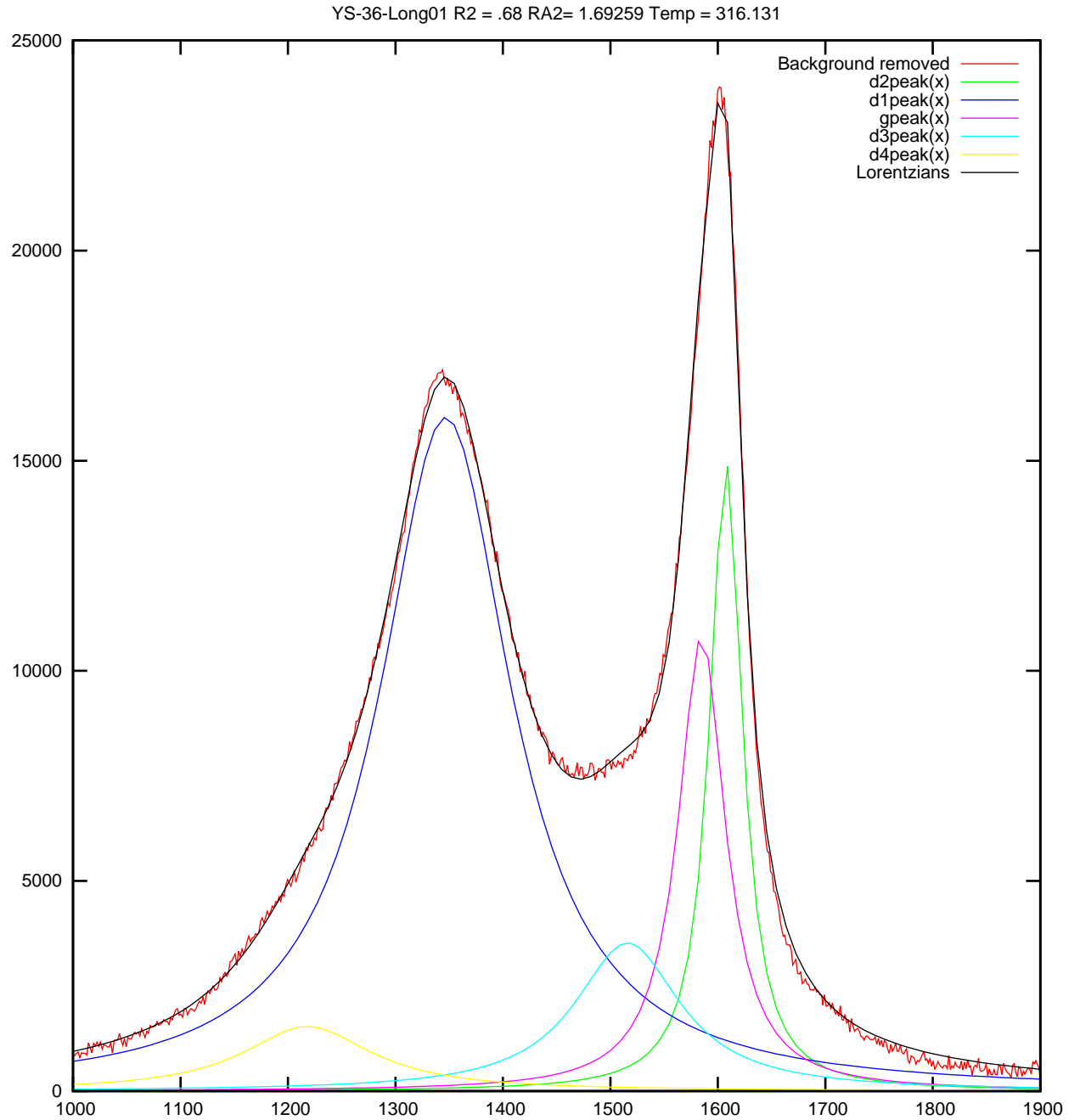
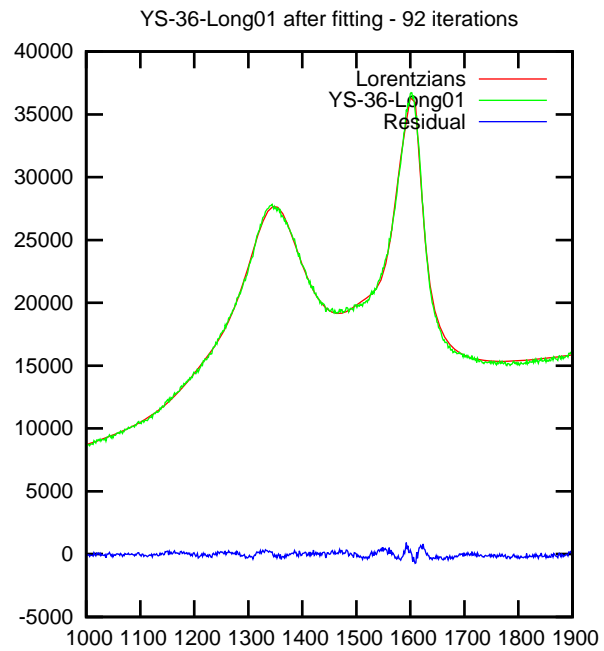
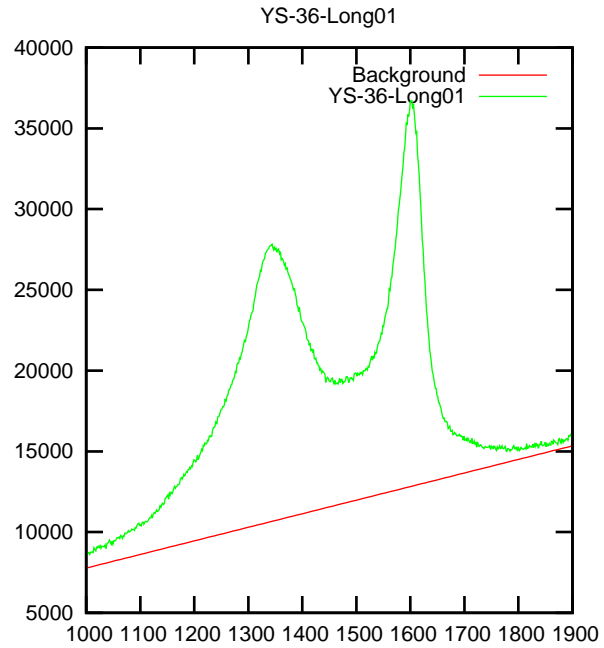


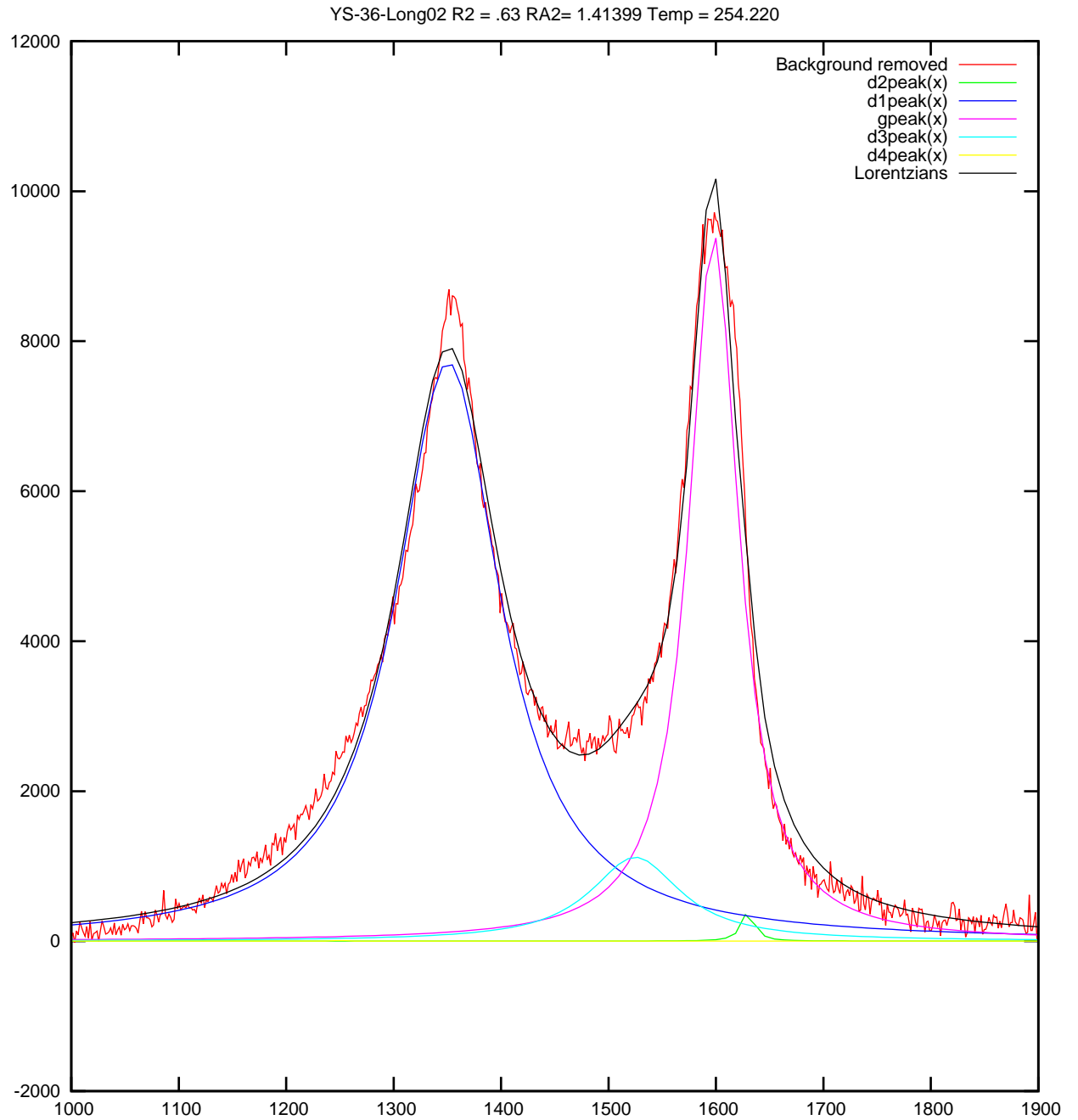
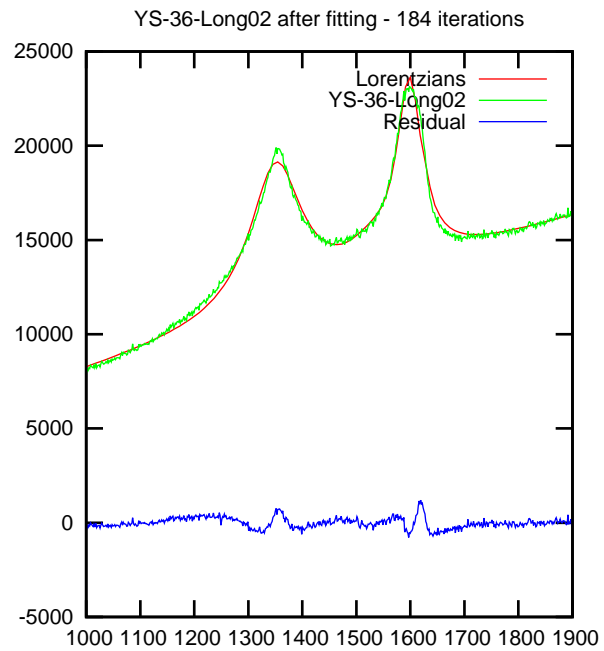
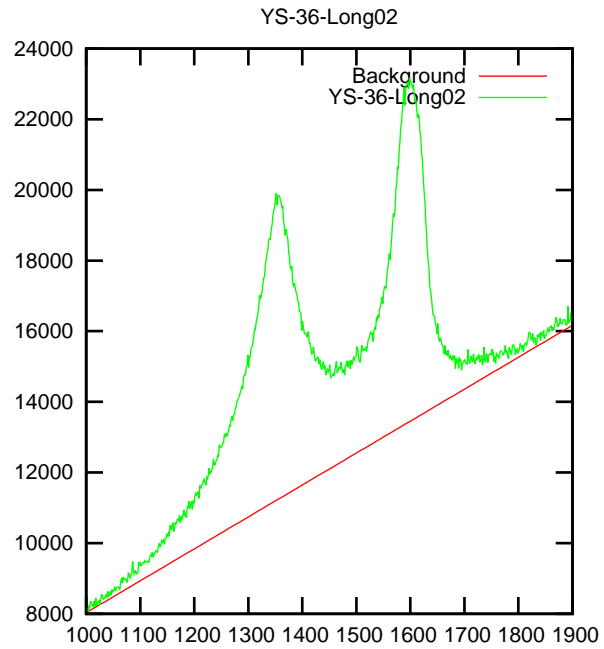


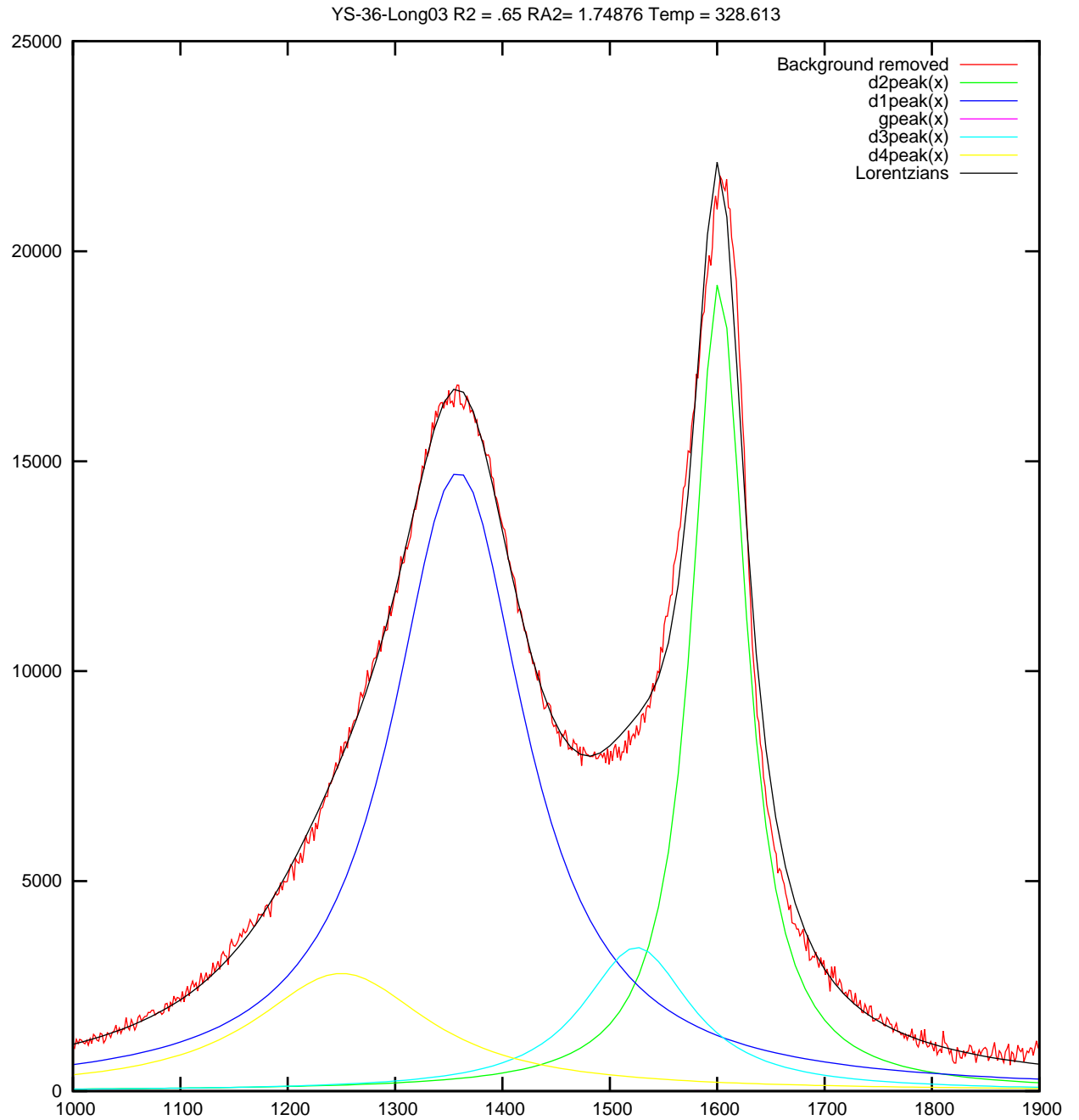
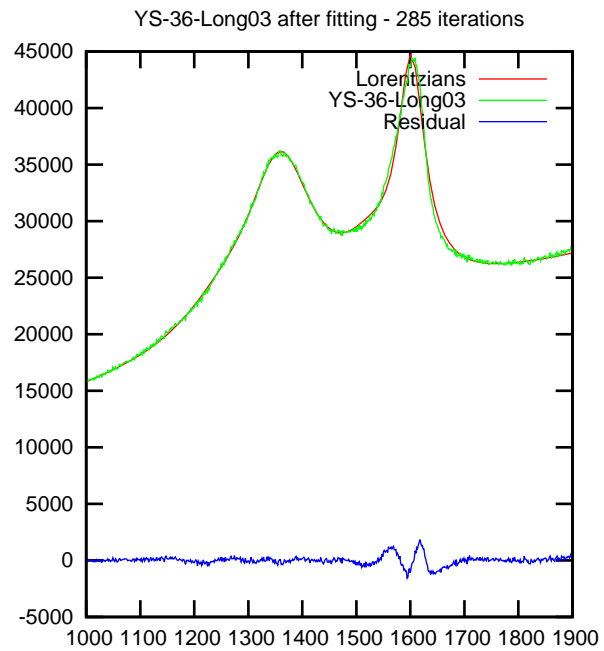
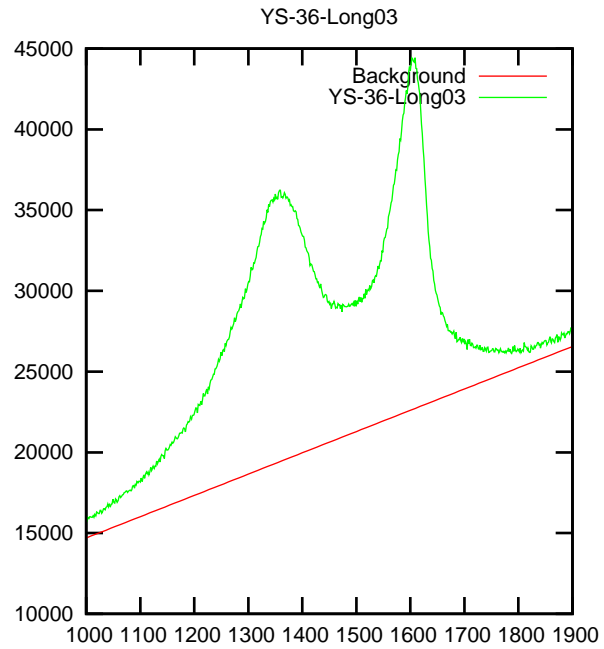


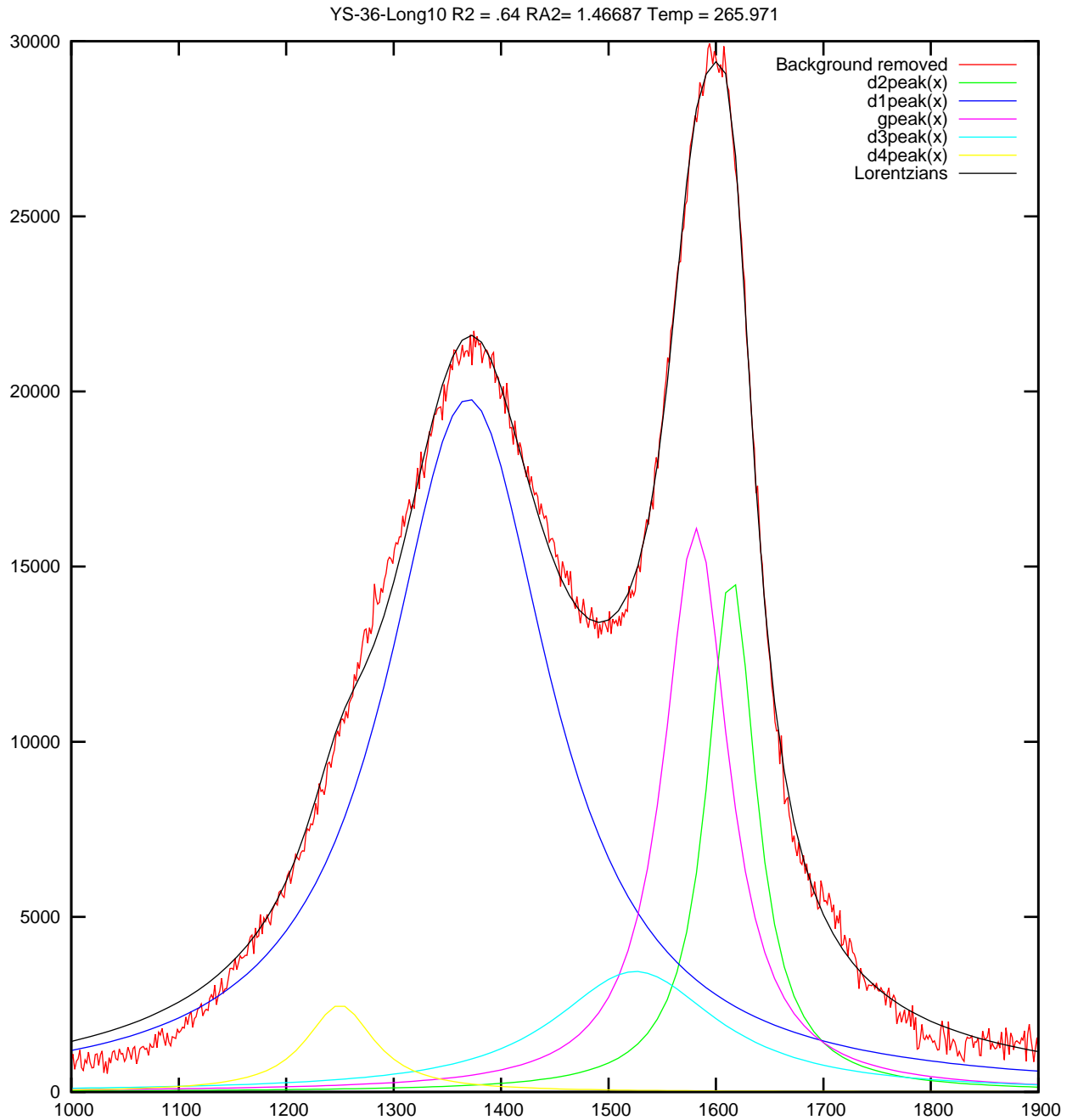
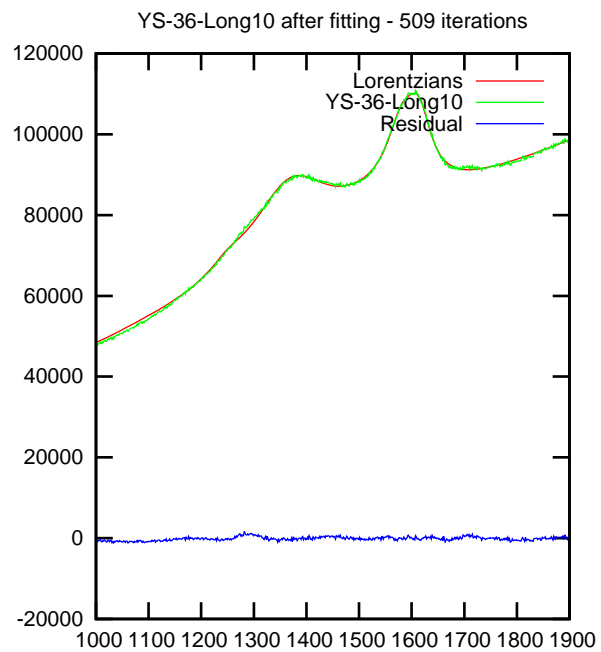
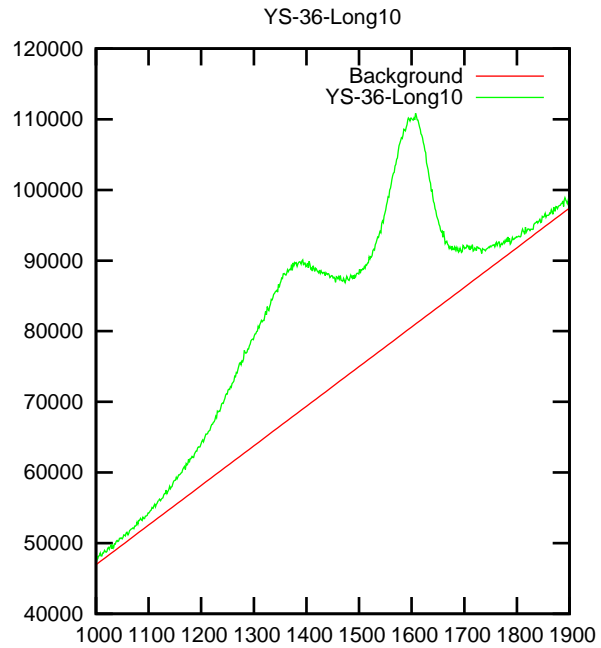




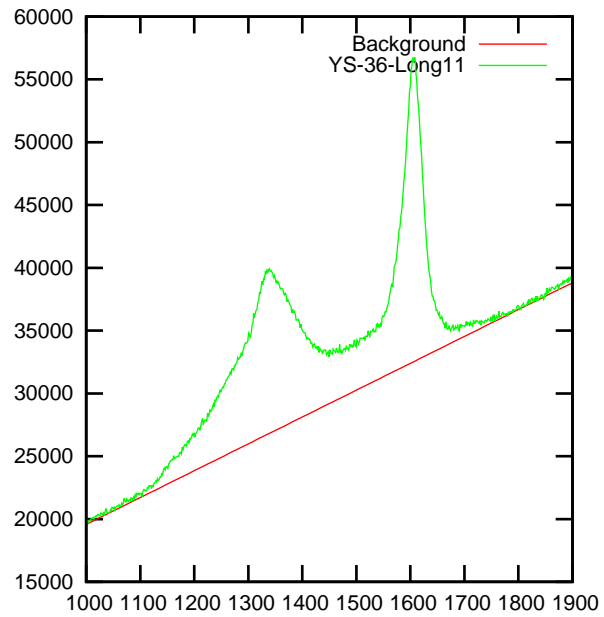




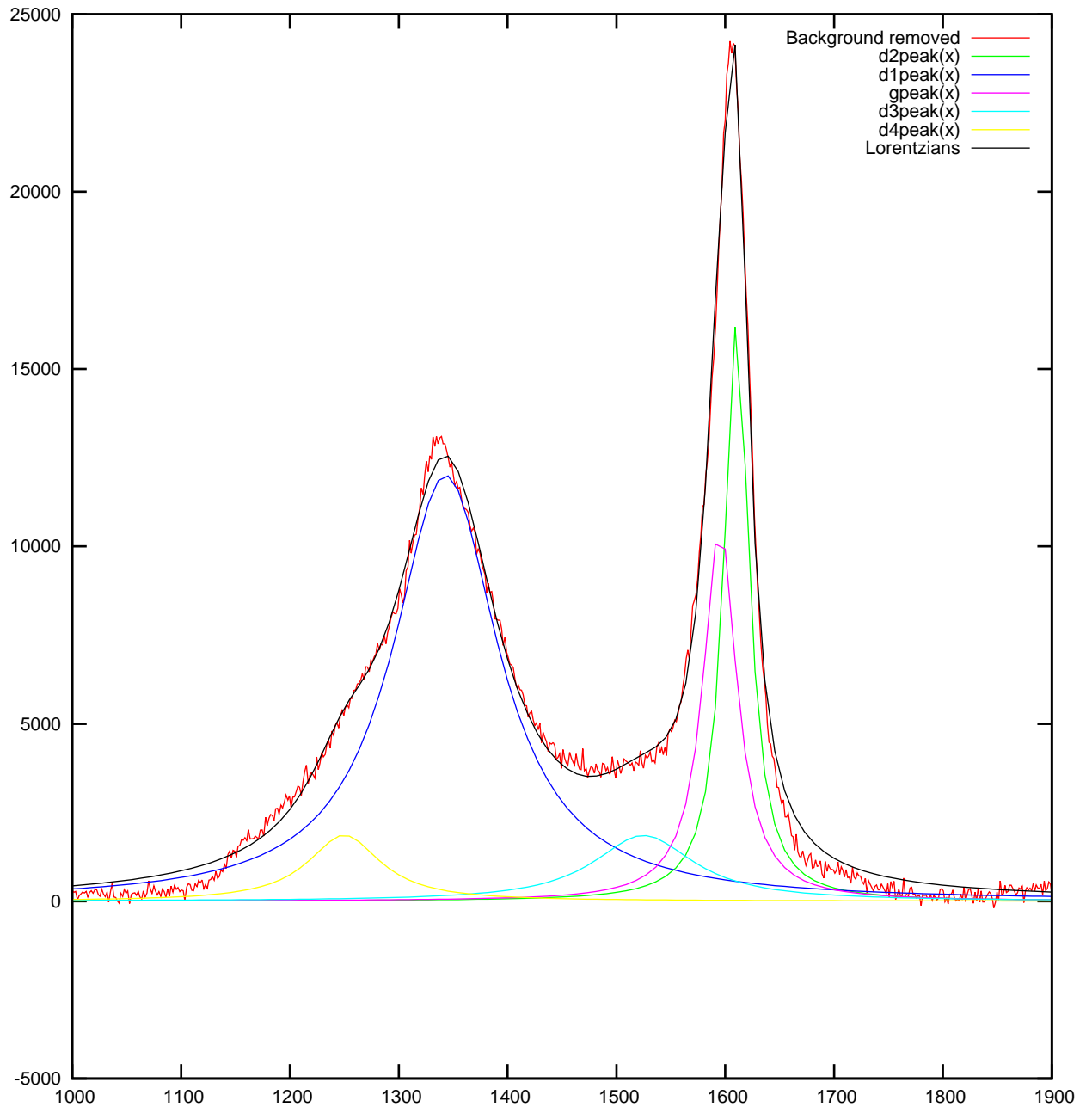




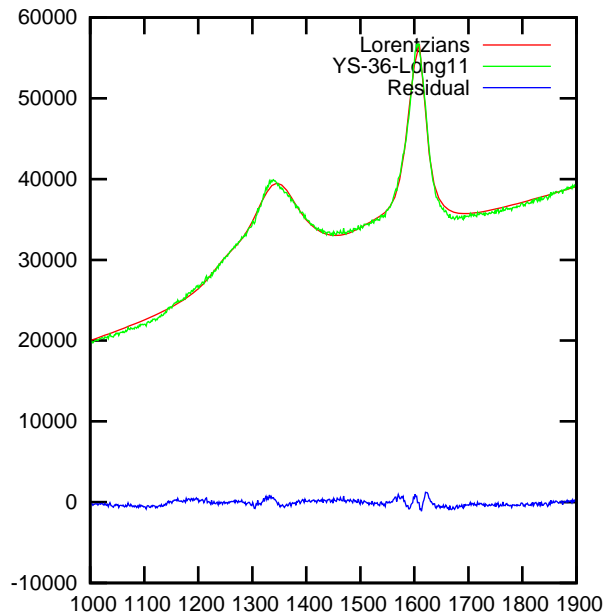
YS-36-Long11

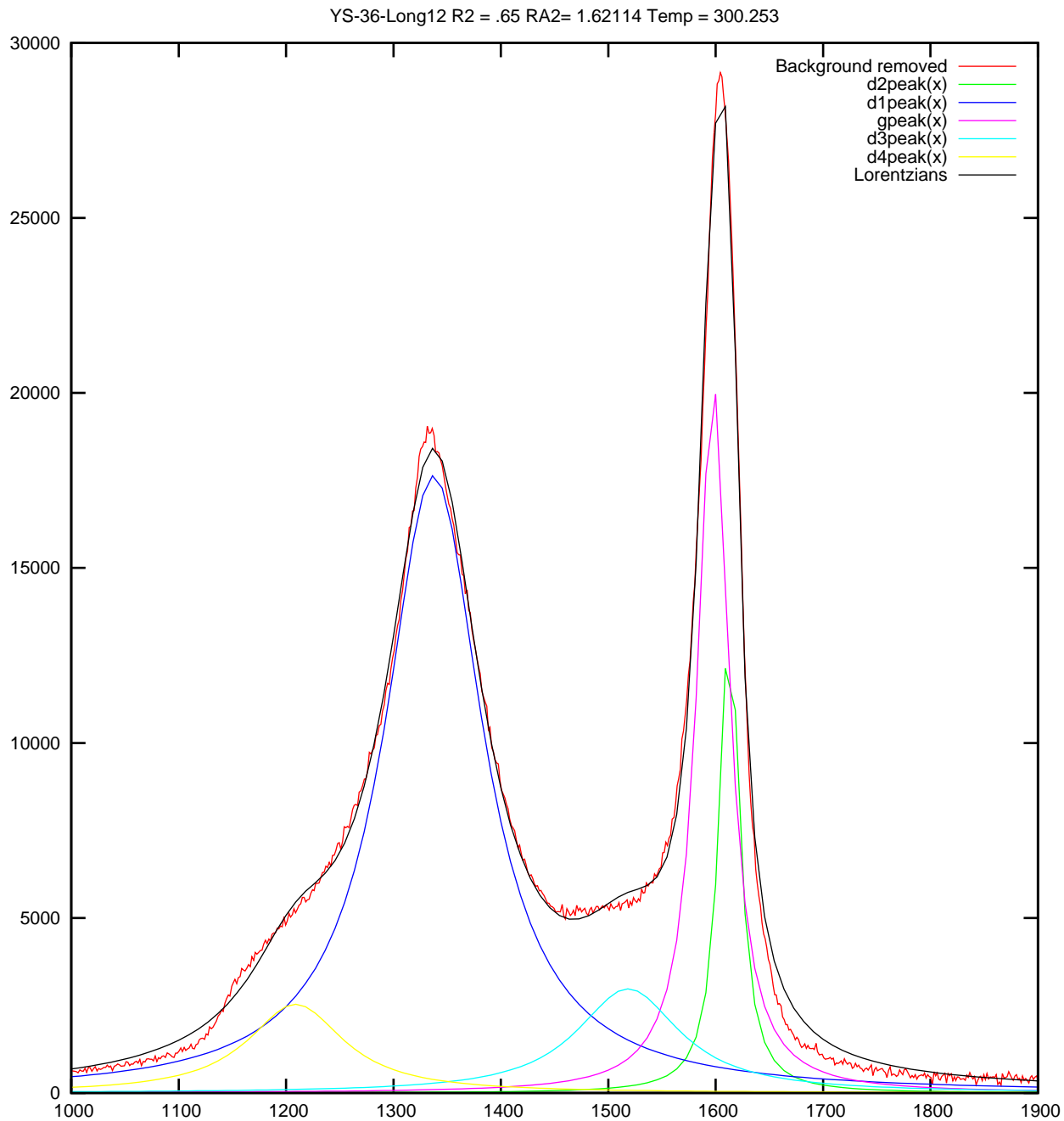
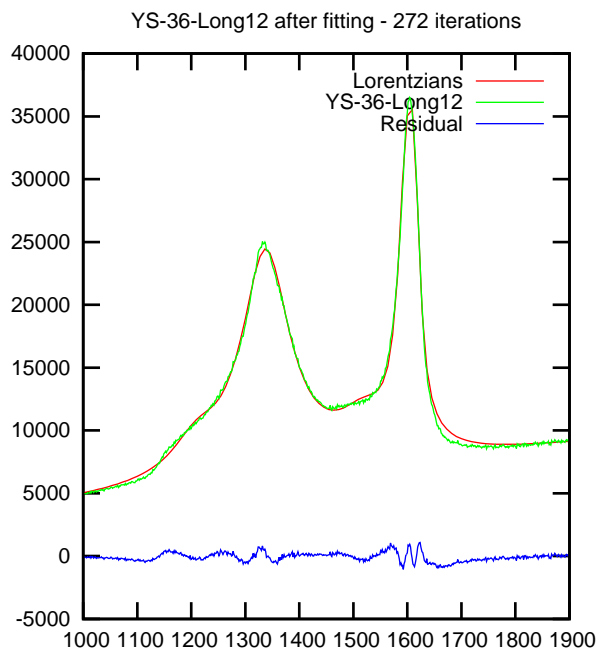
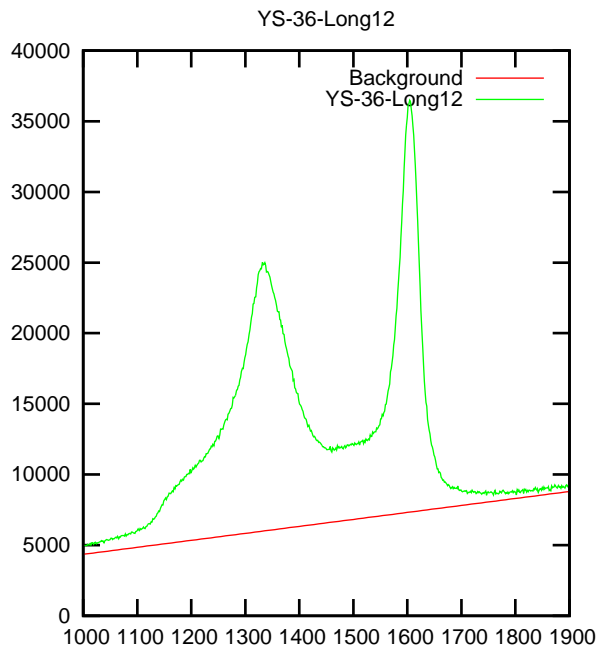


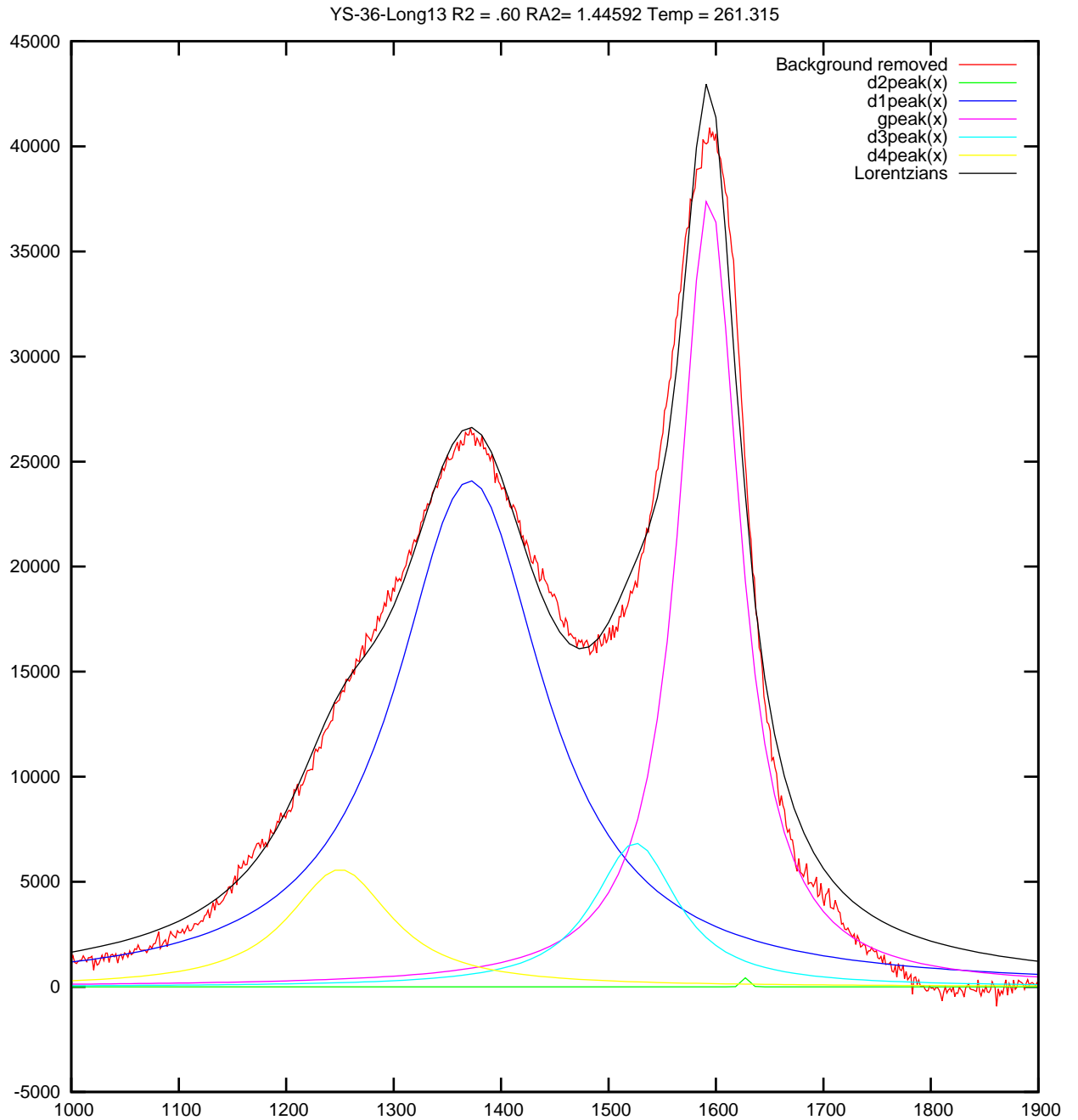
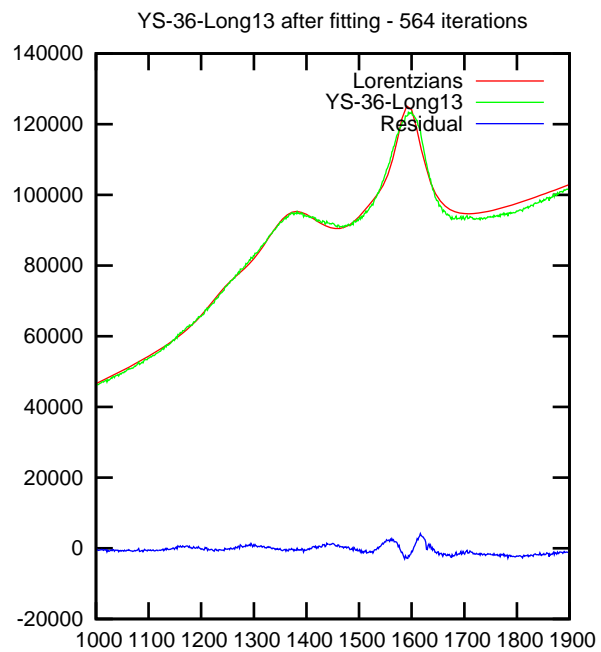
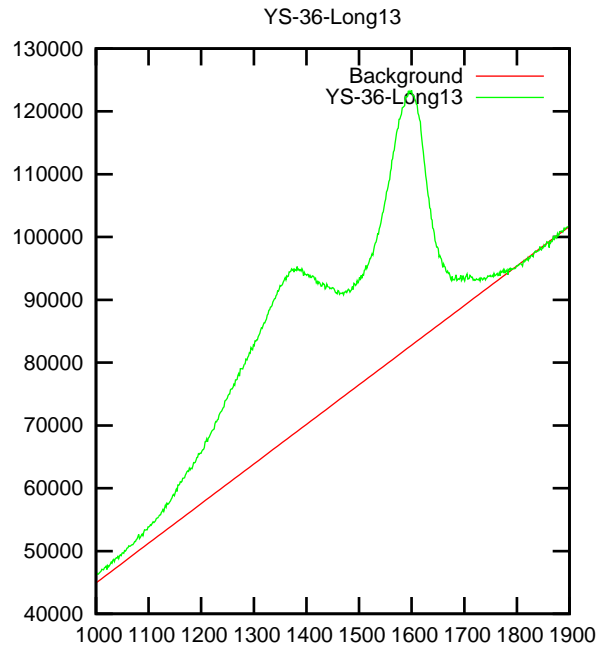
YS-36-Long11 R2 = .62 RA2= 1.49310 Temp = 271.800



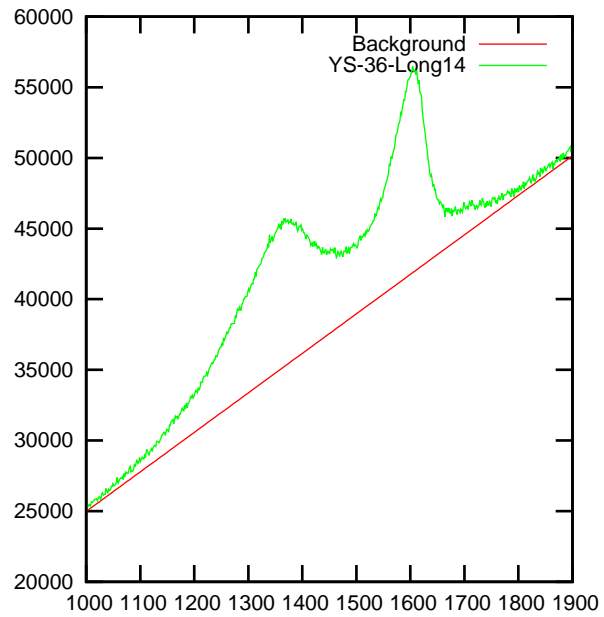
YS-36-Long11 after fitting - 140 iterations



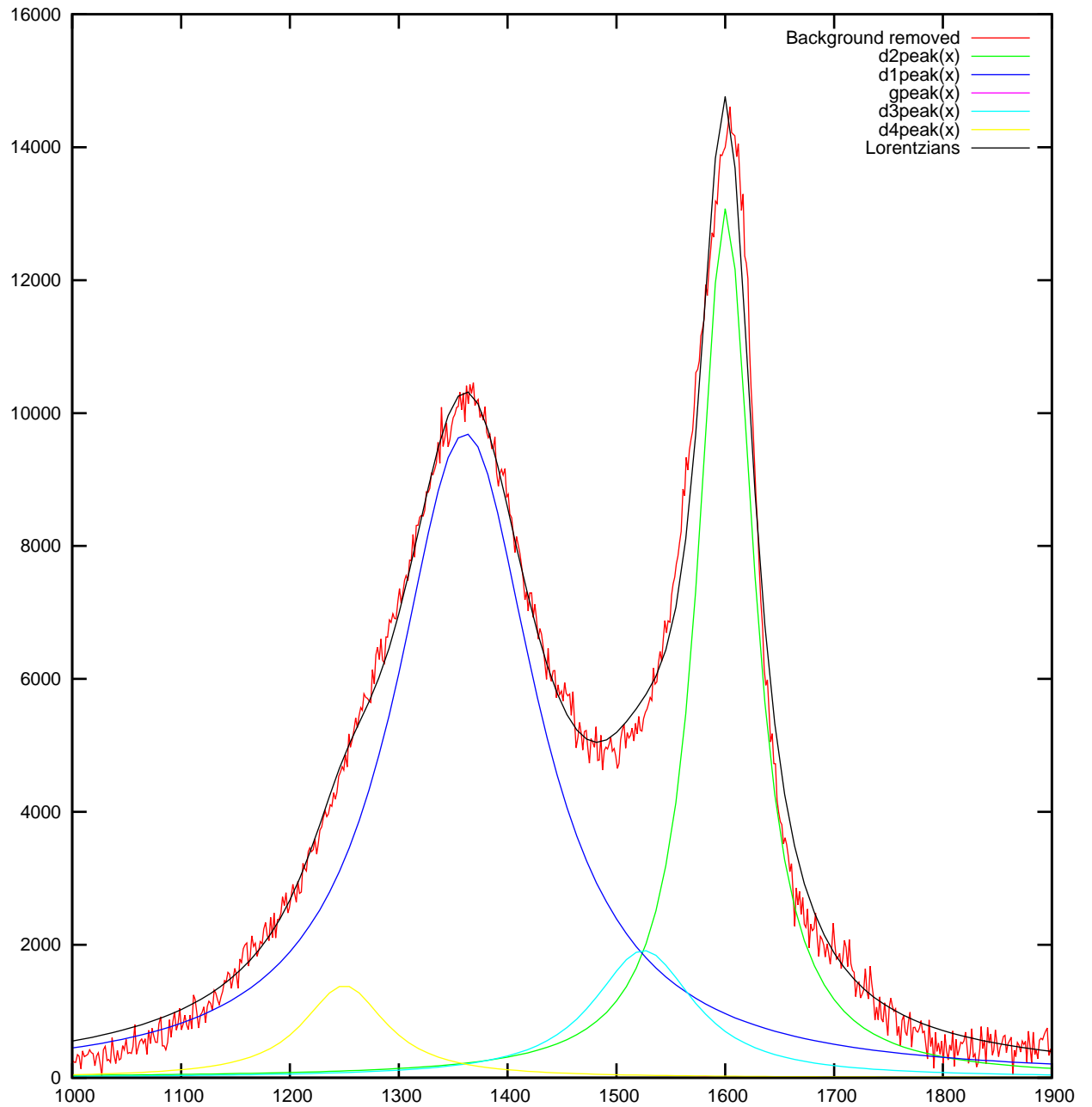




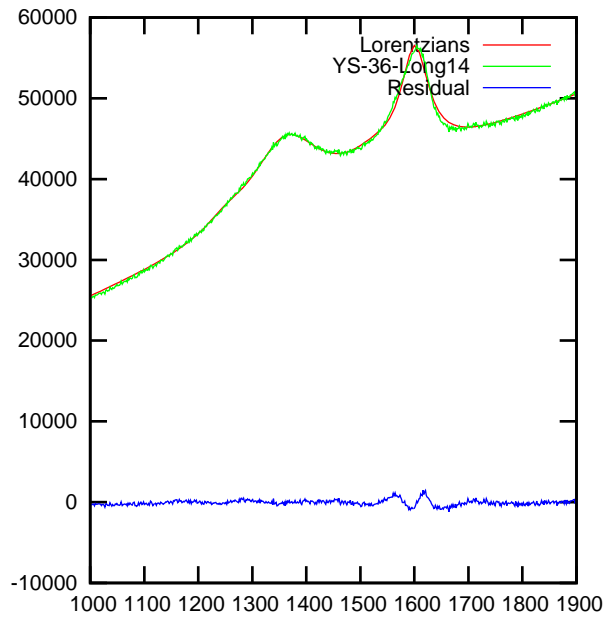
YS-36-Long14

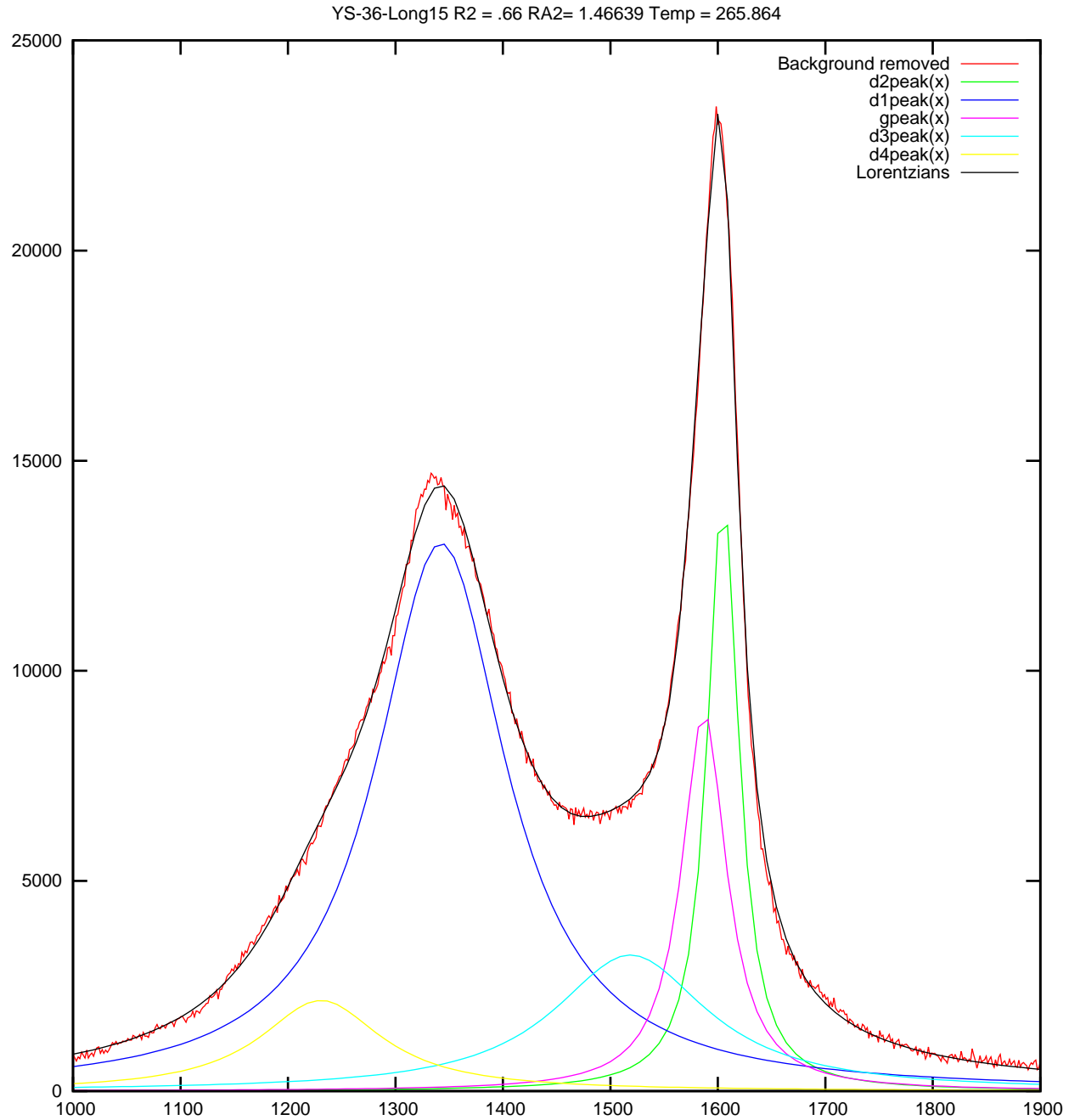
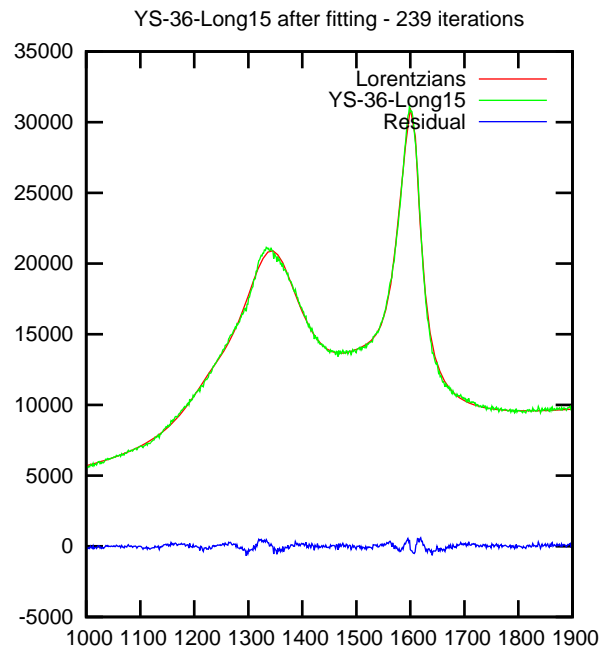
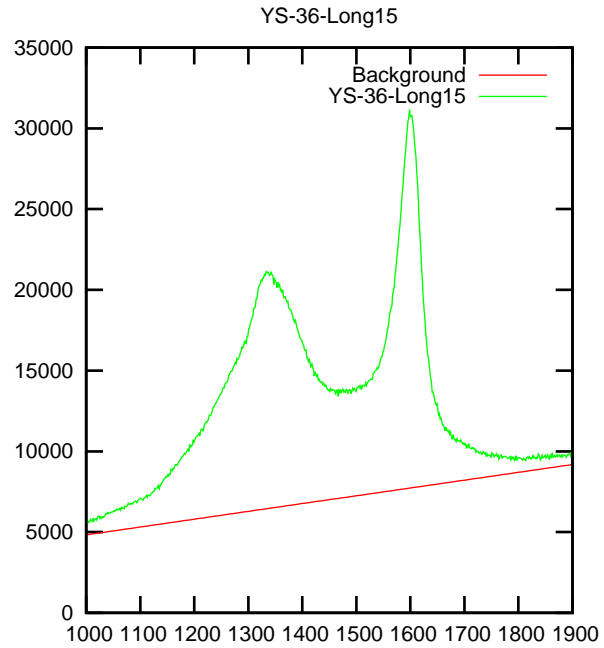


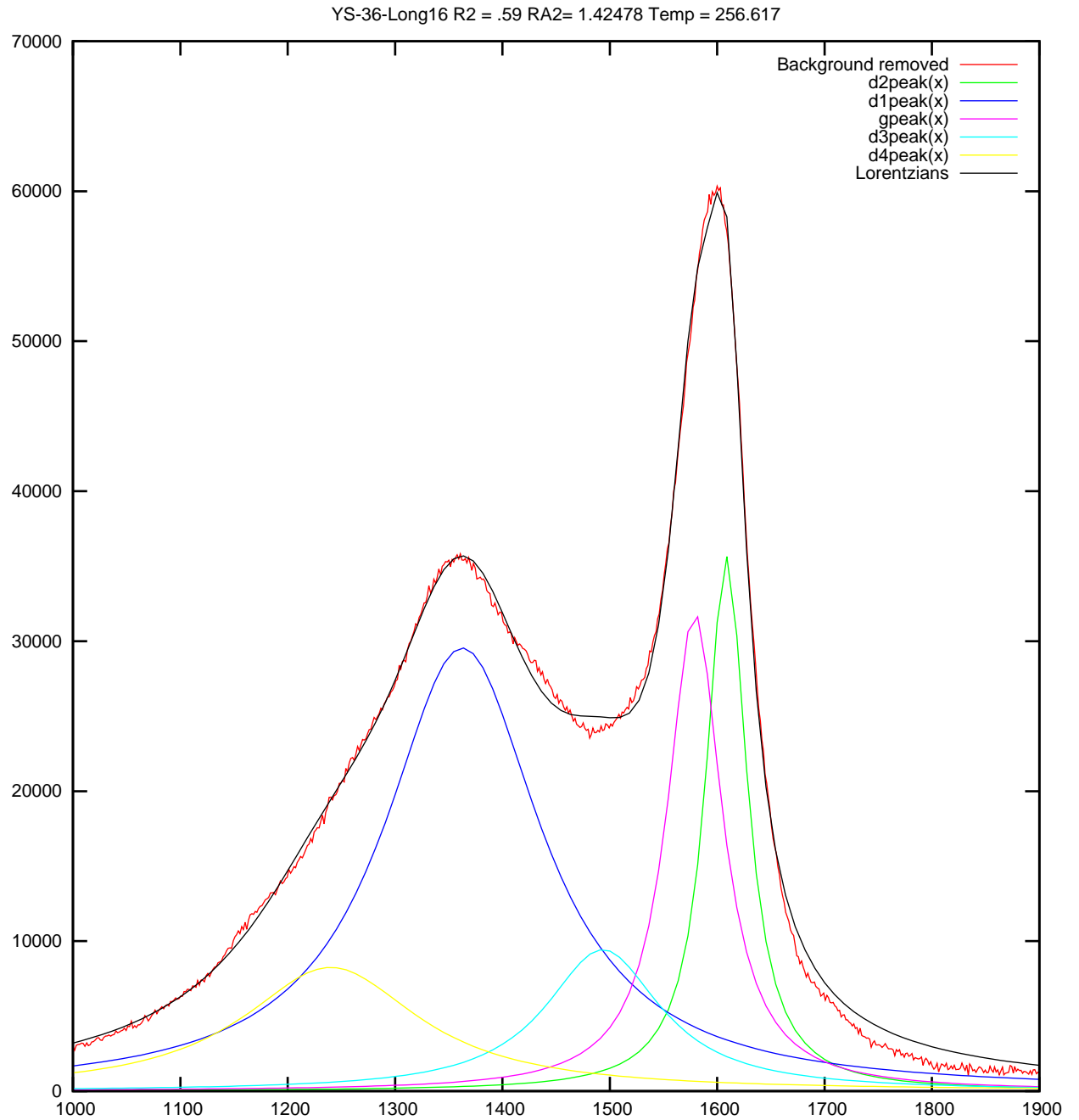
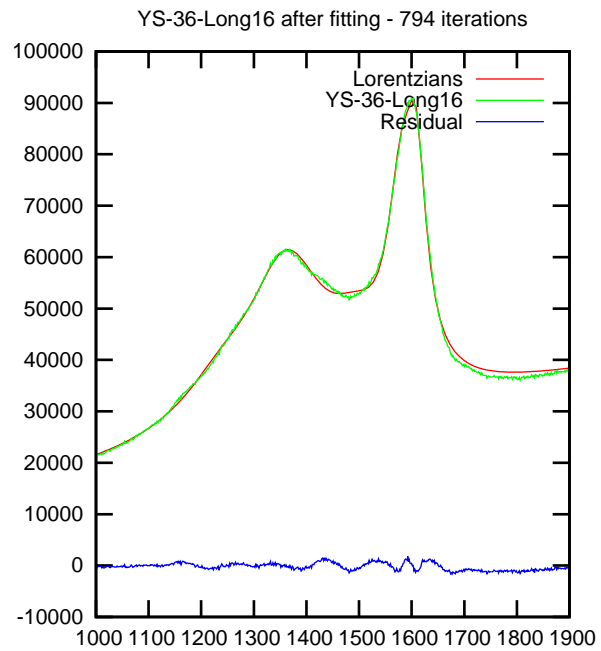
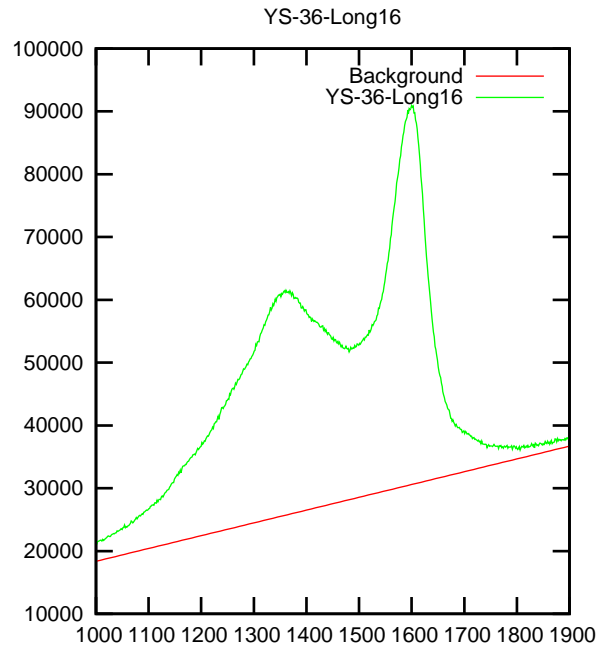
YS-36-Long14 R2 = .65 RA2= 1.60567 Temp = 296.815

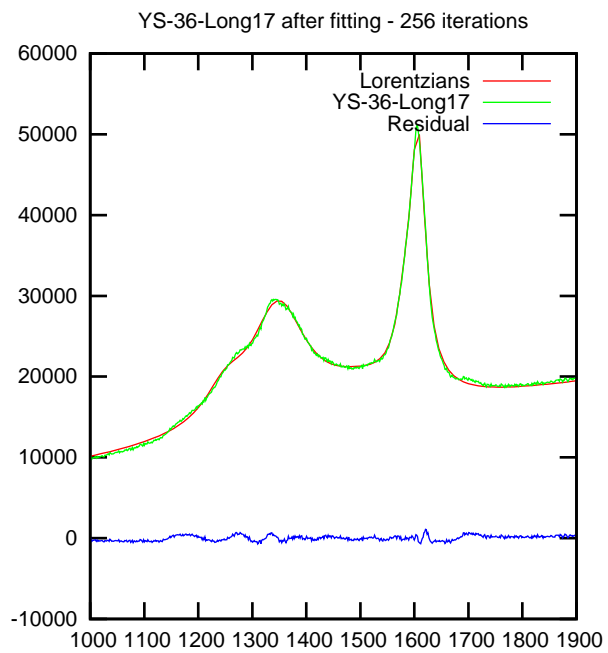
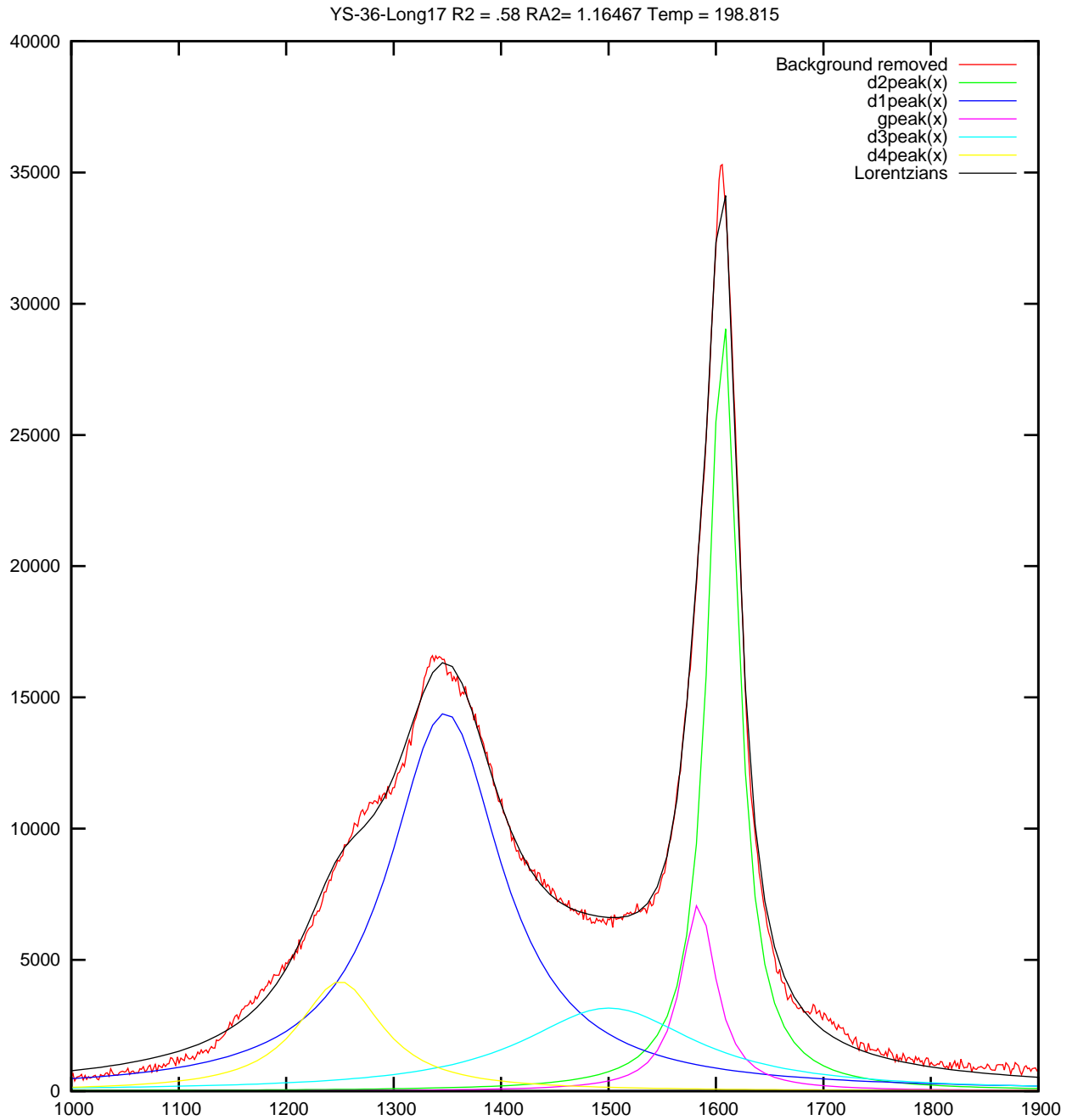
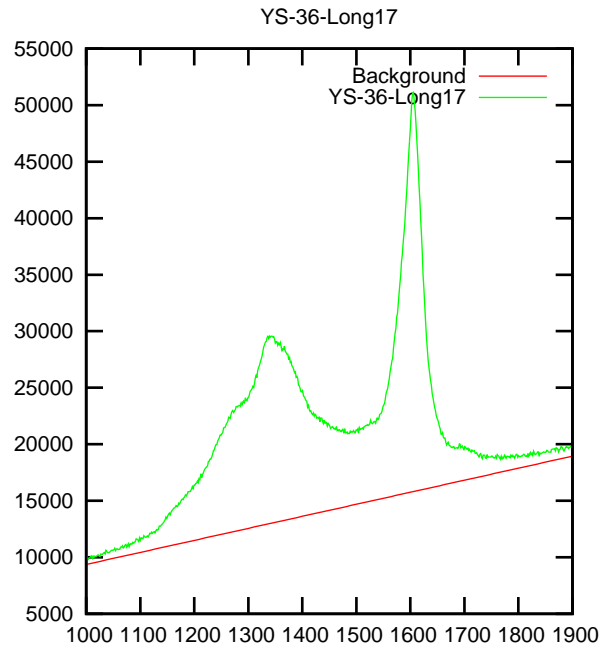


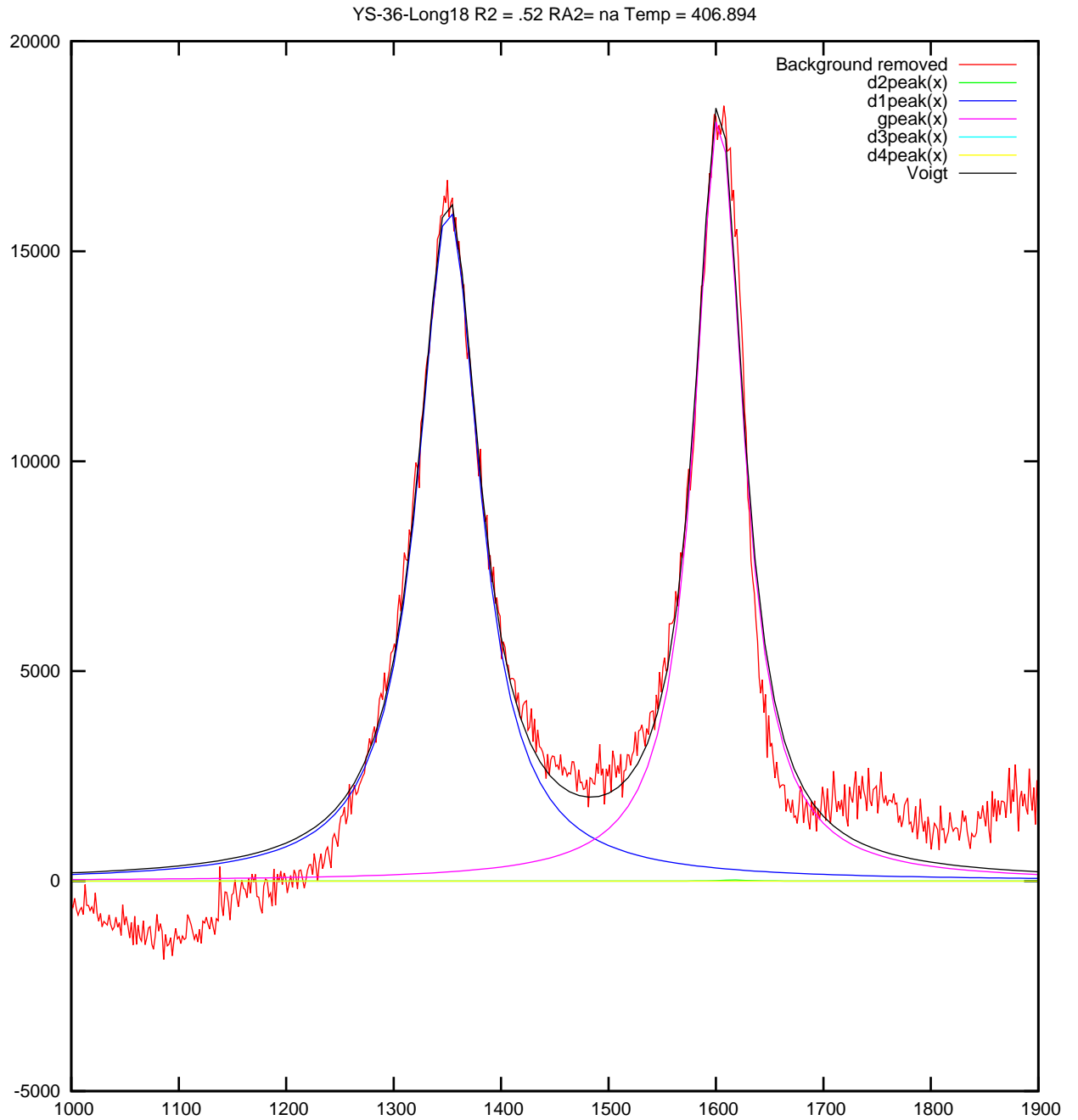
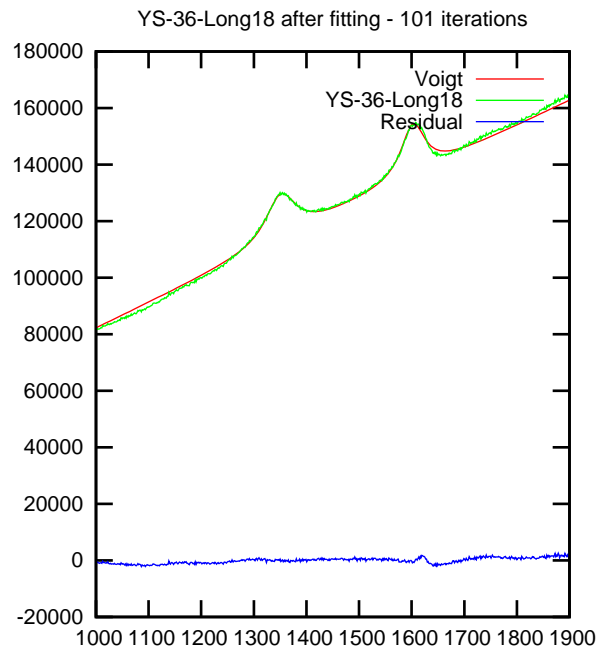
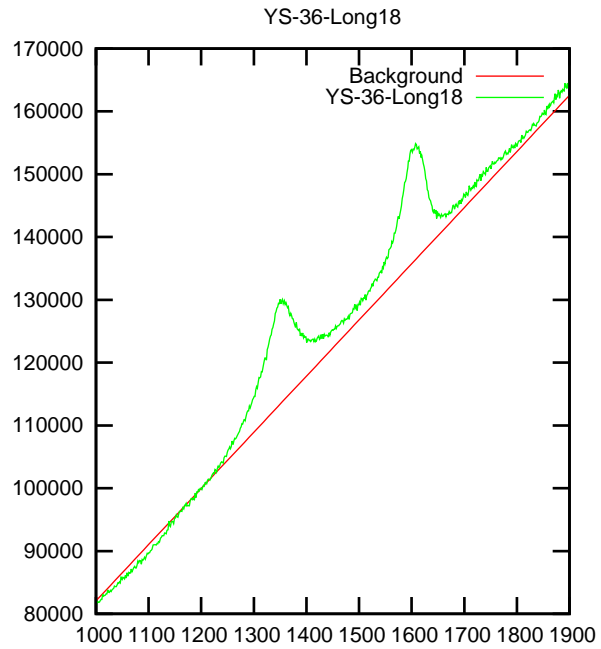
YS-36-Long14 after fitting - 154 iterations



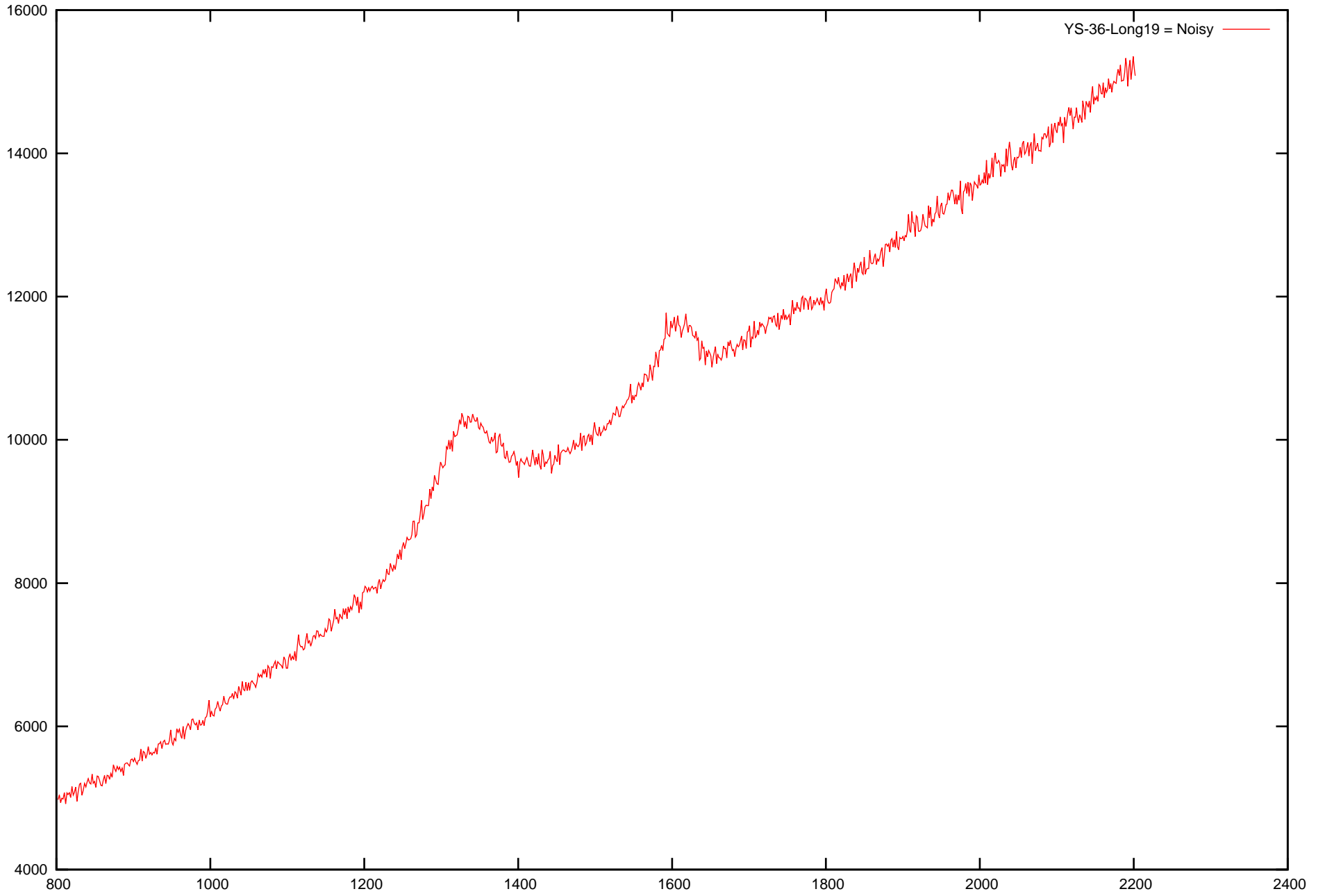


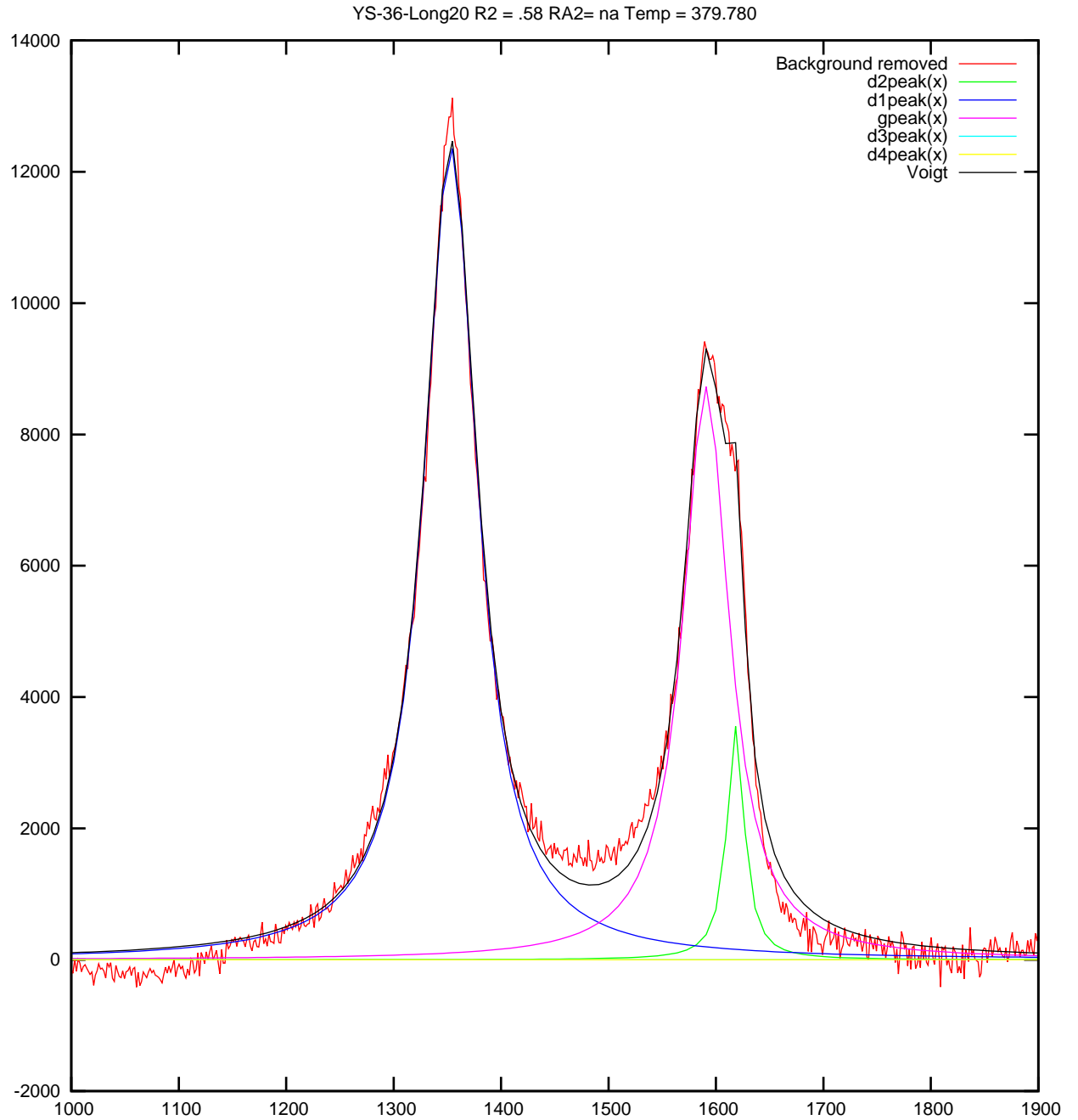
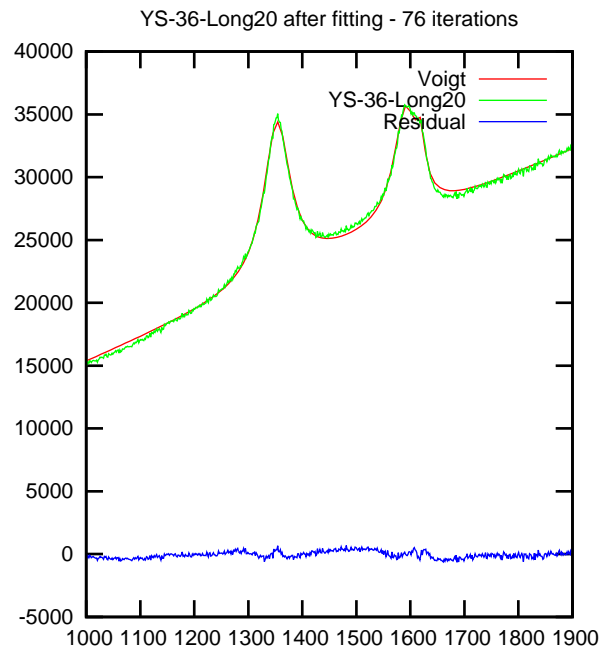
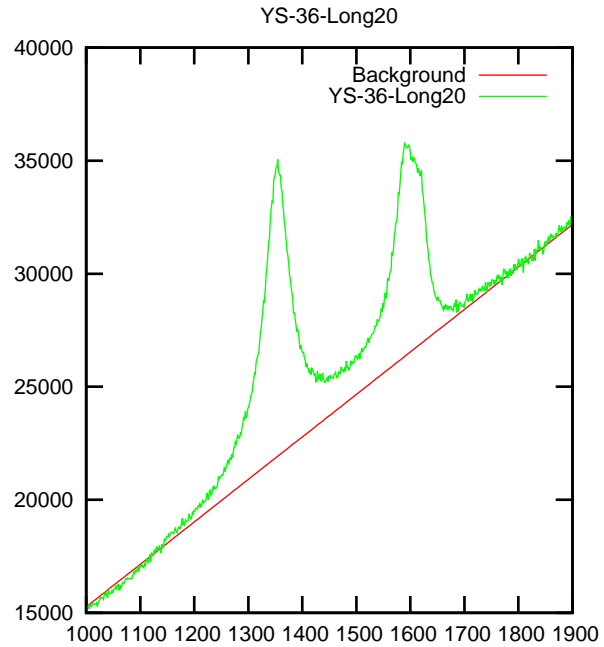


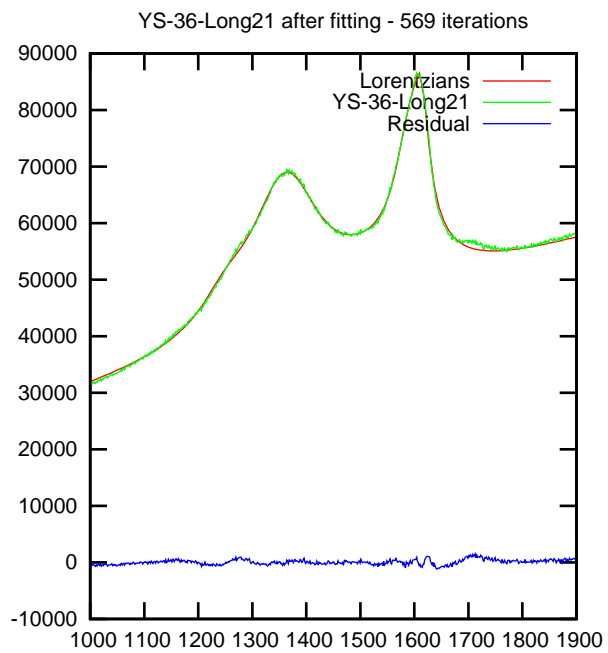
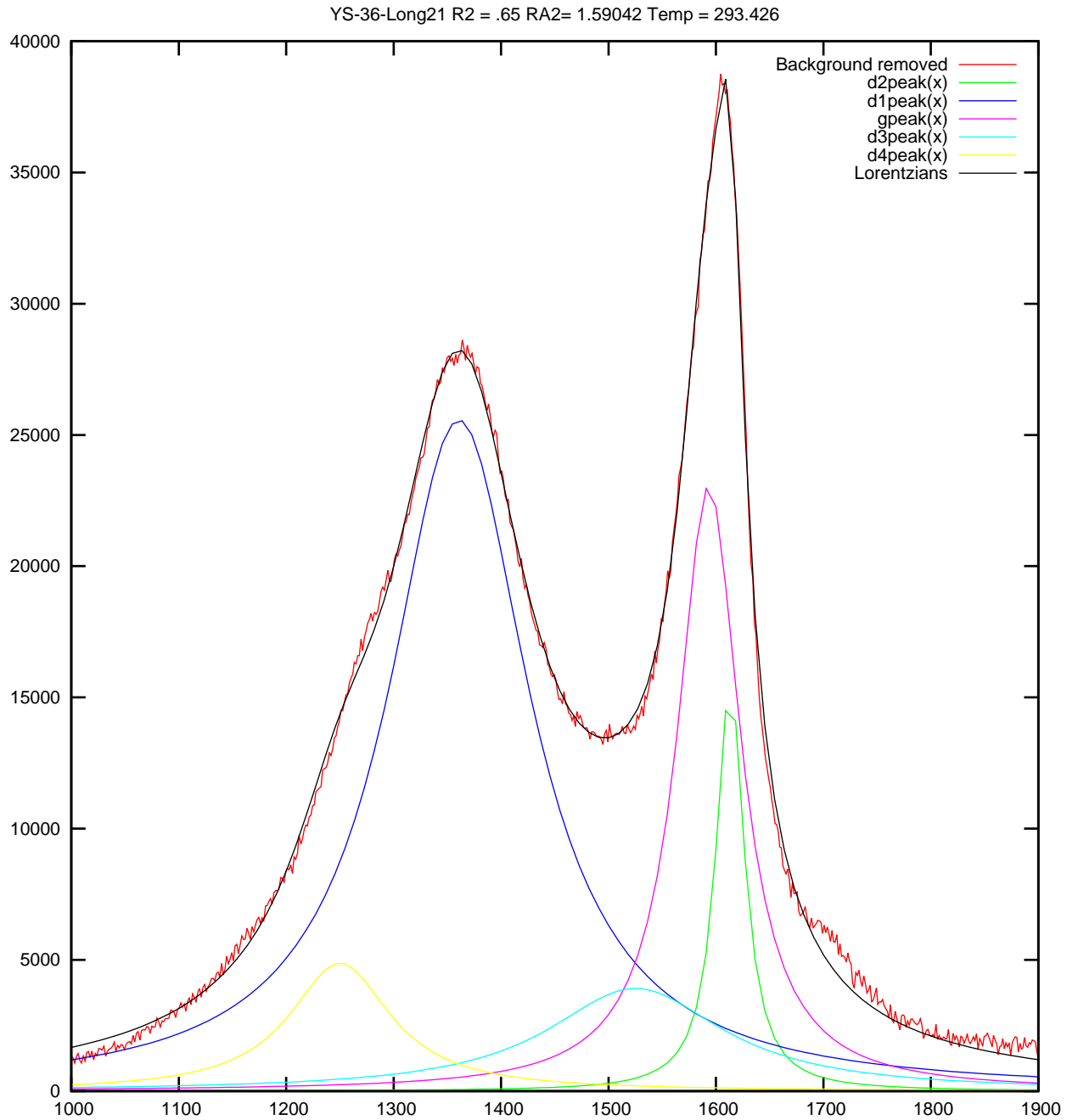
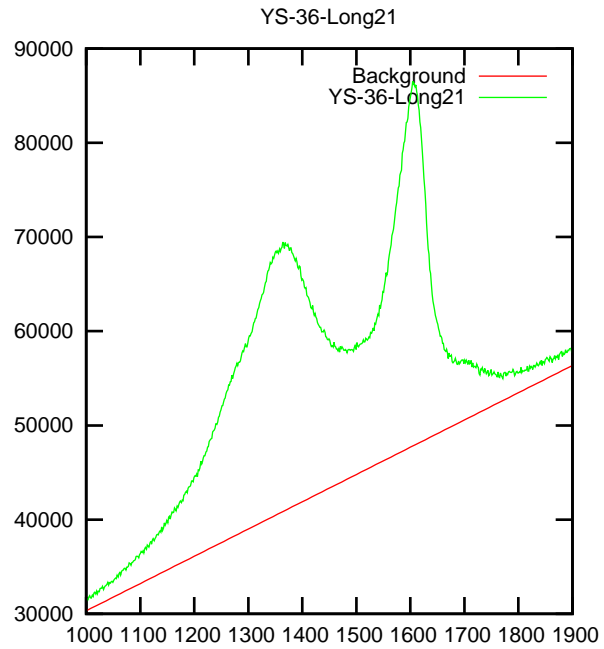


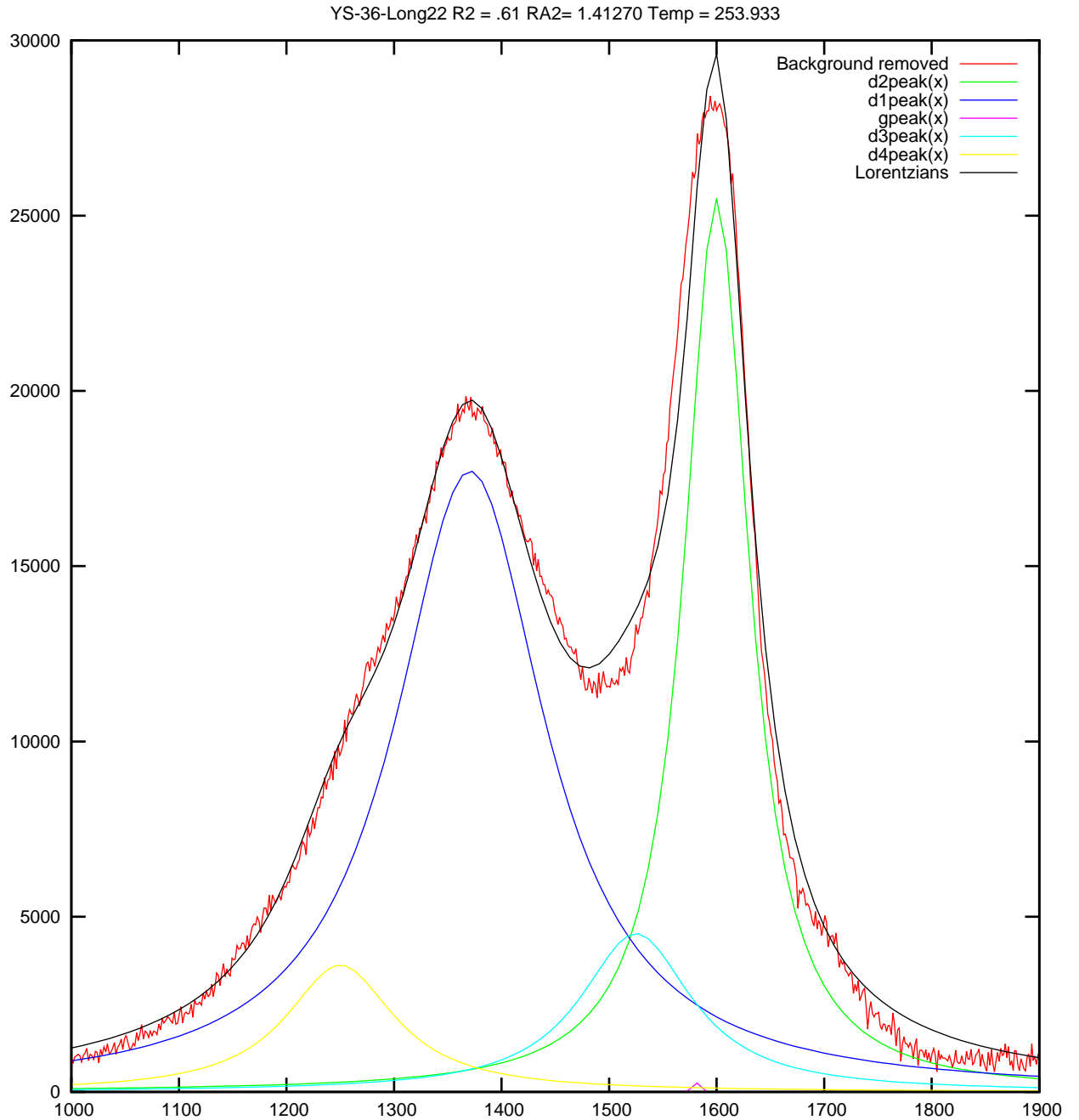
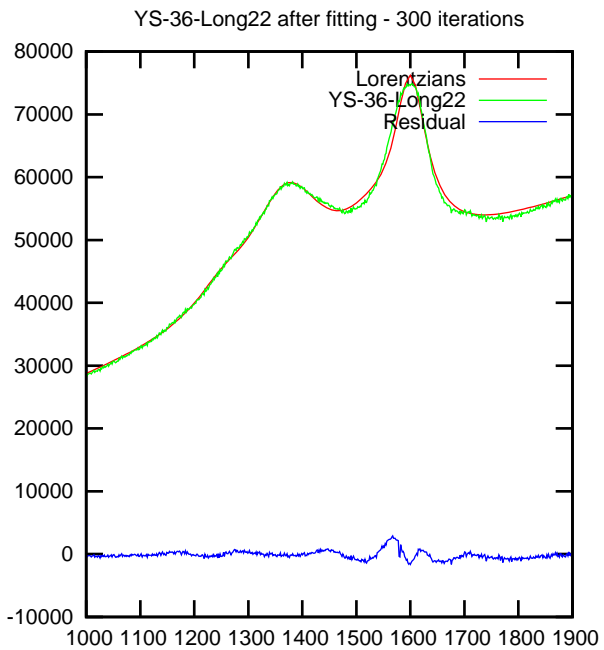
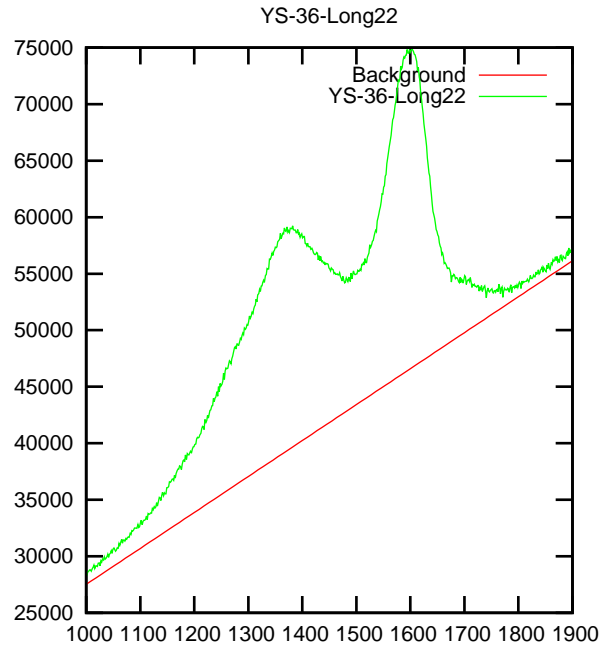


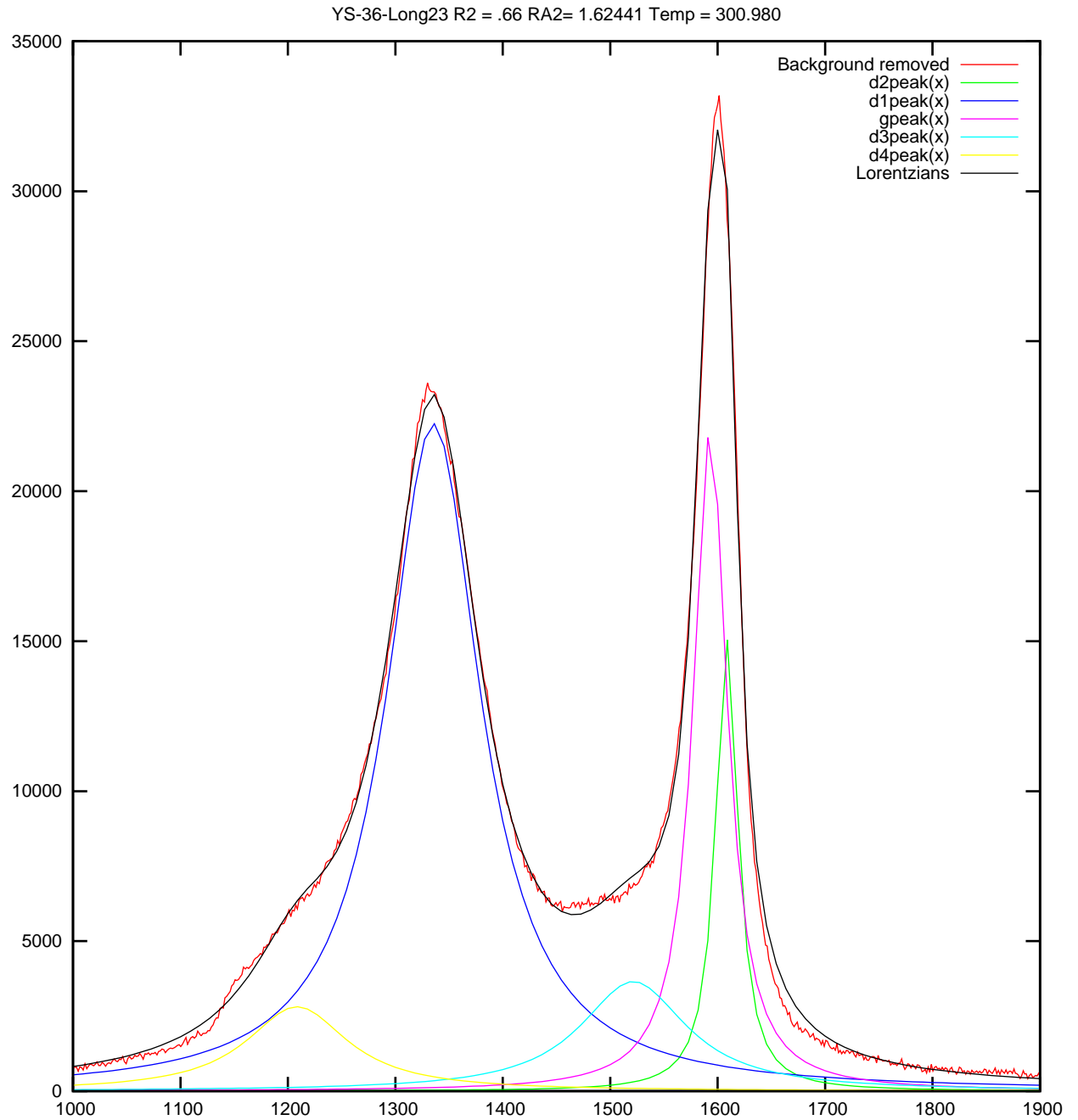
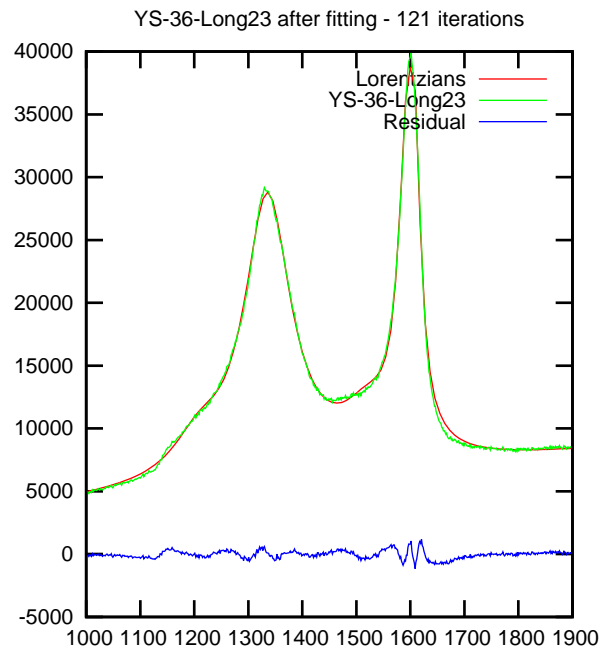
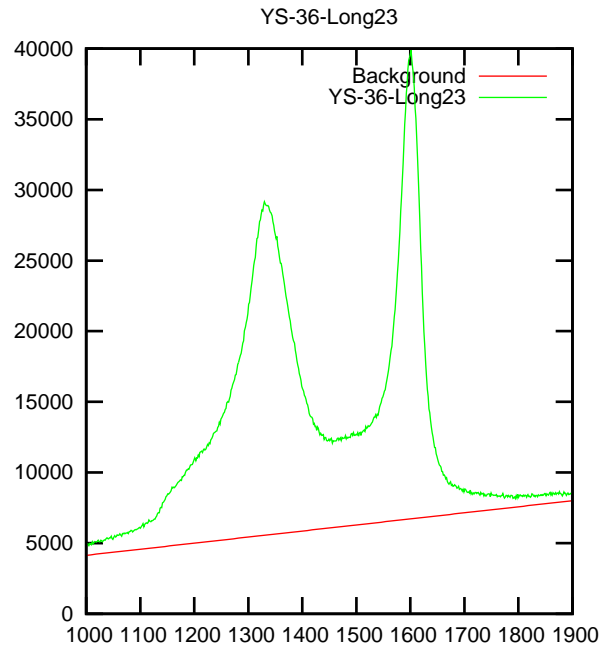
YS-36-Long19 = Noisy

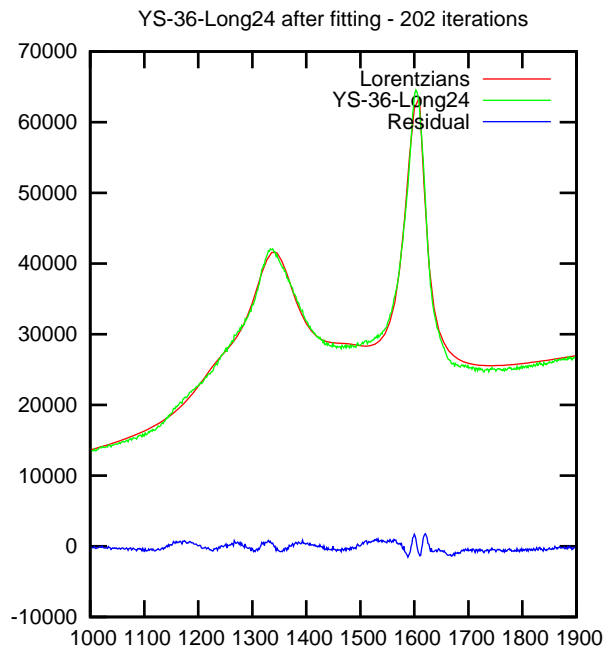
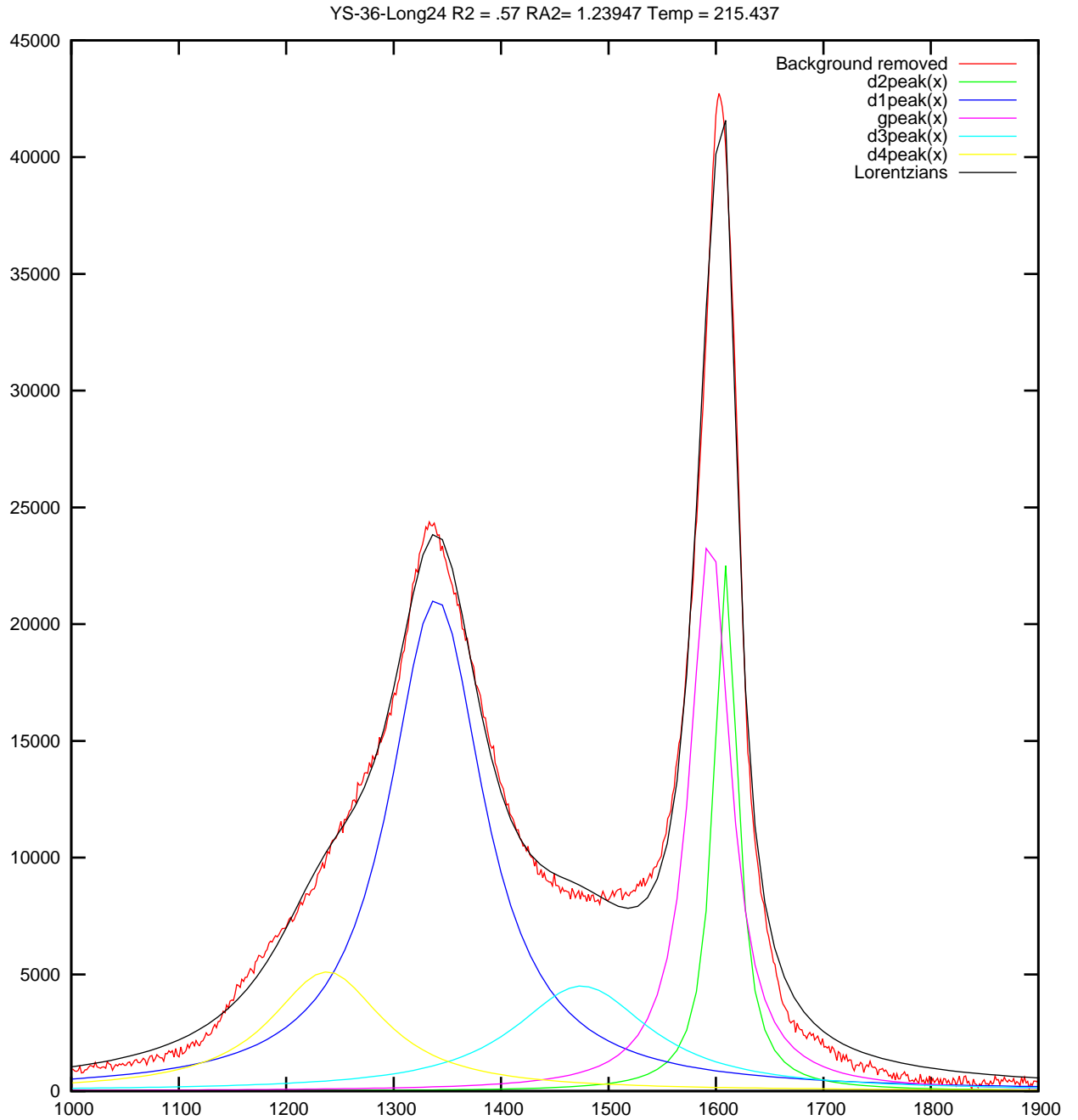
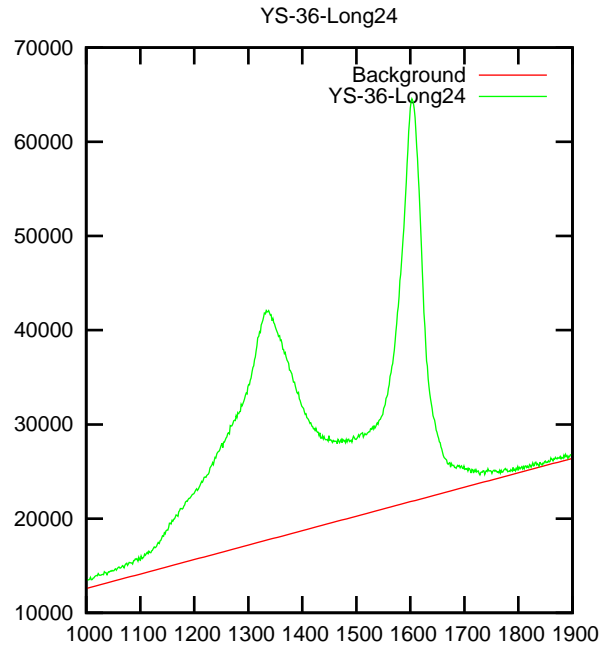


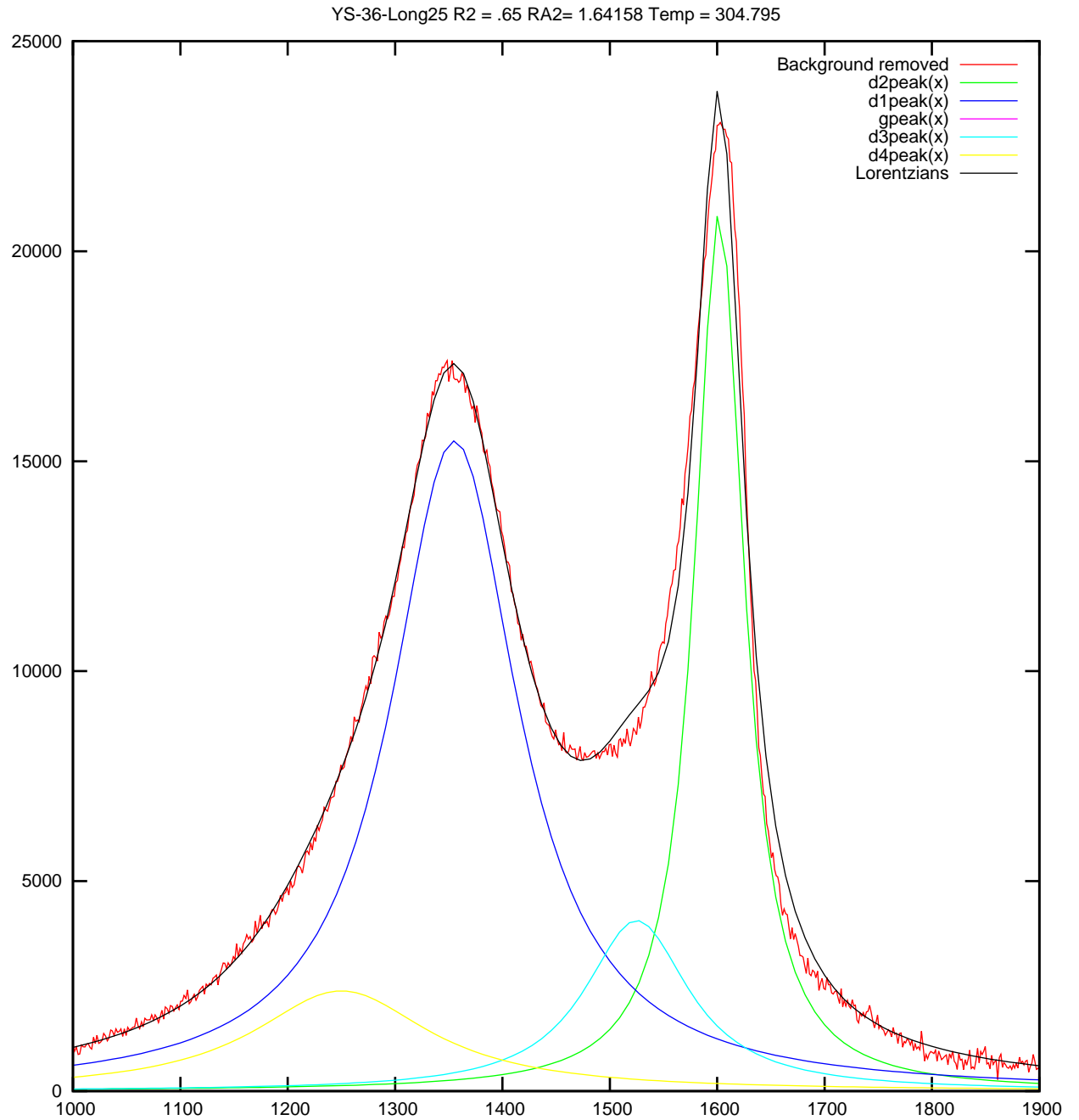
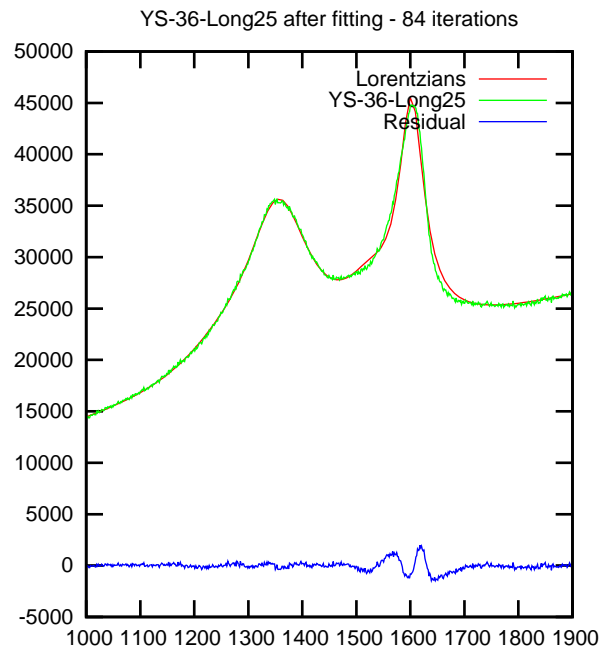
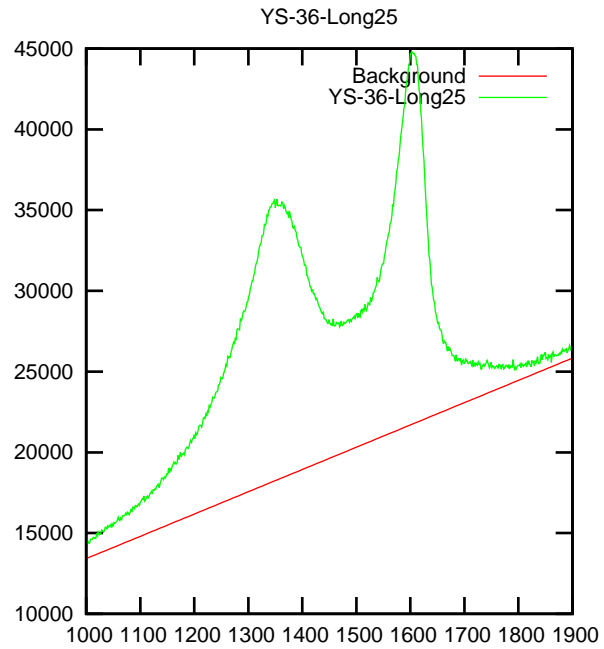


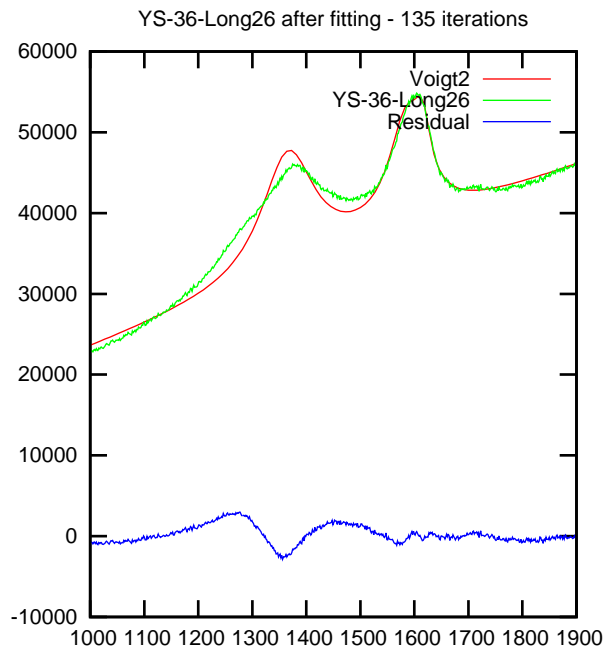
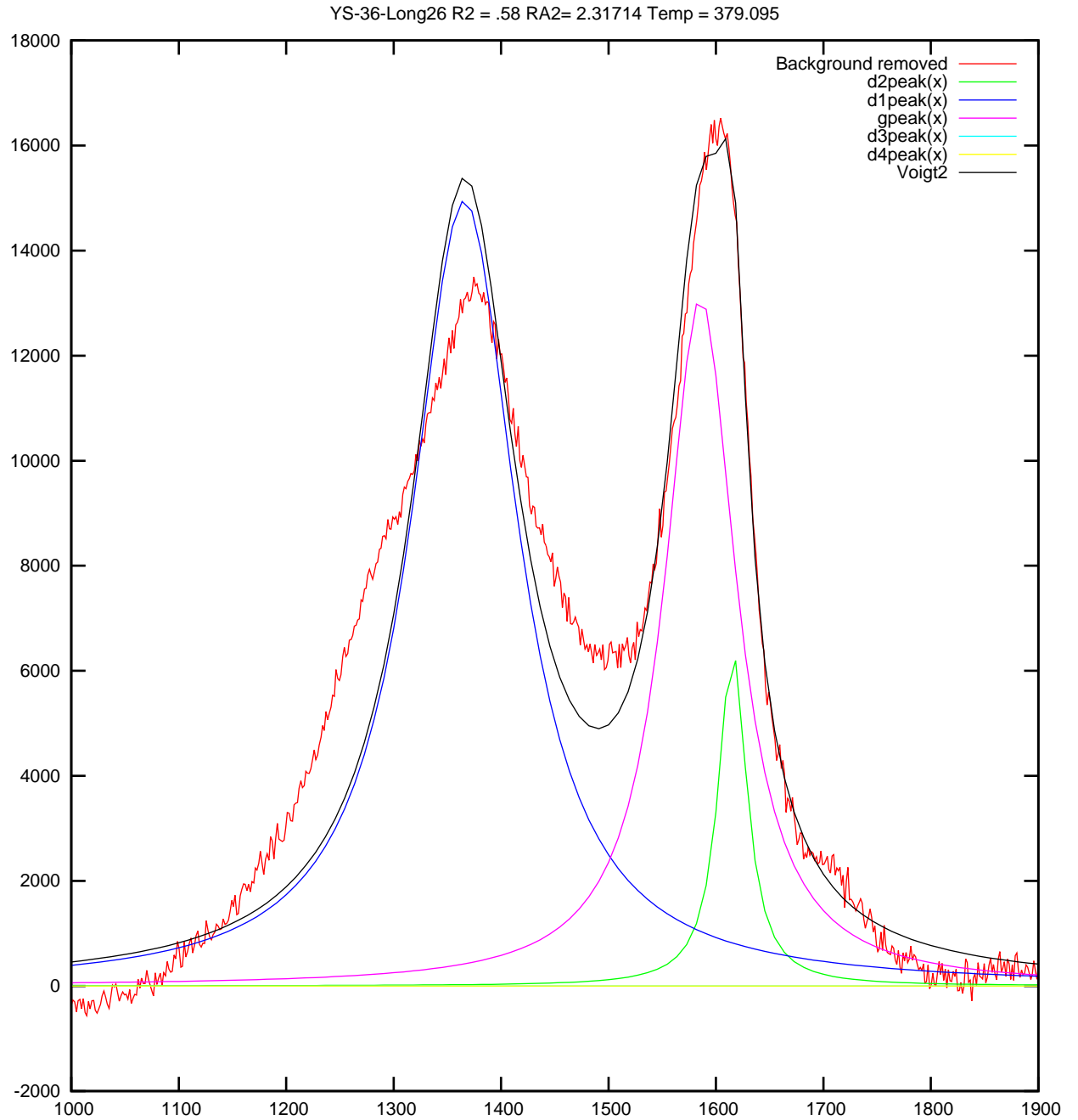
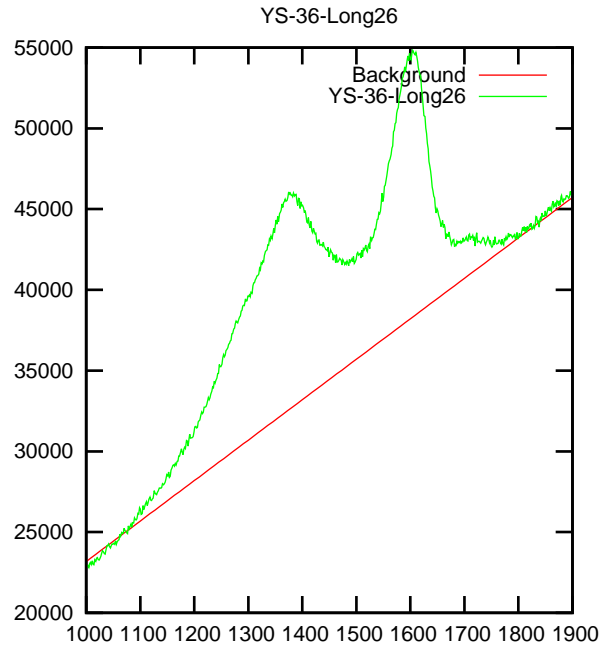




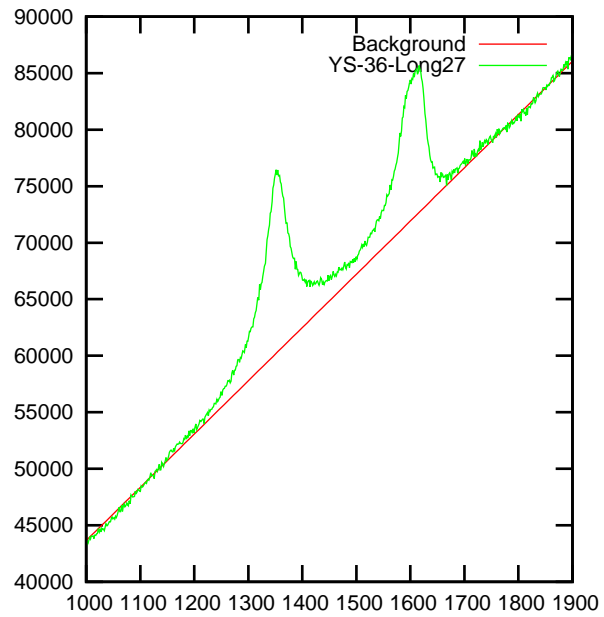




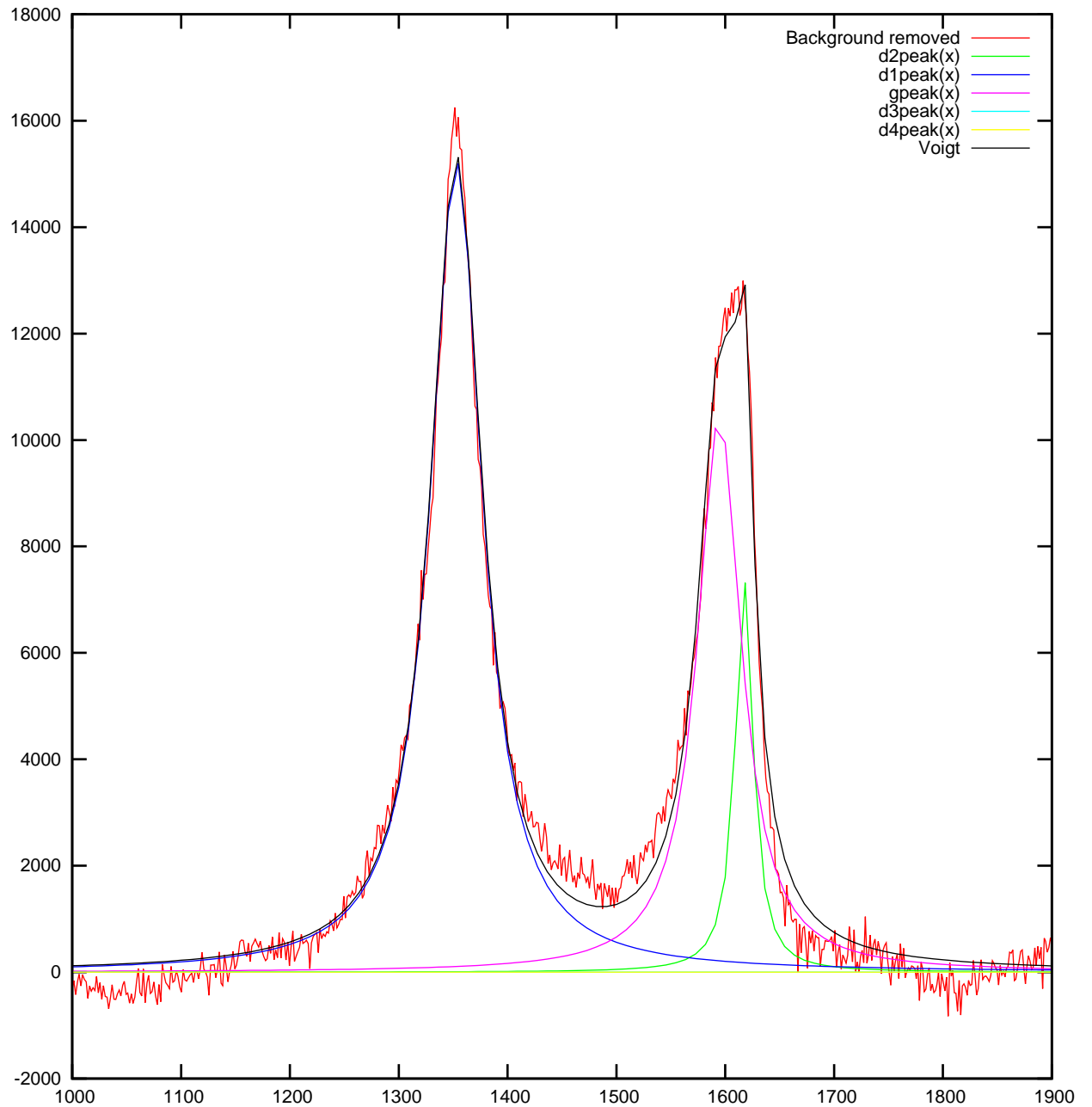




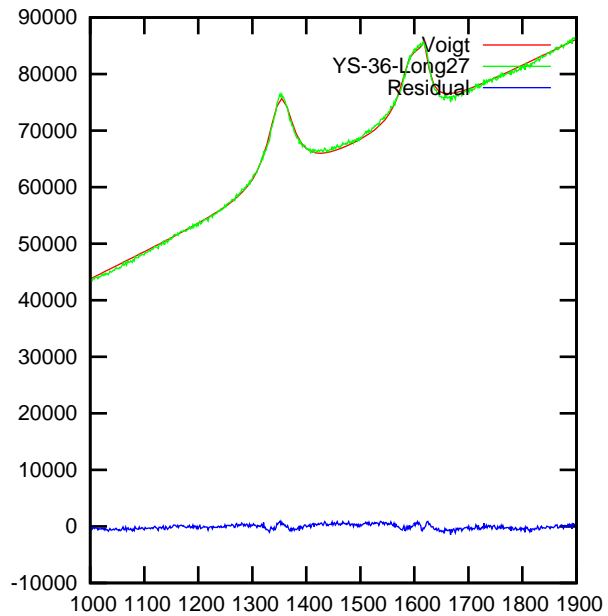
YS-36-Long27

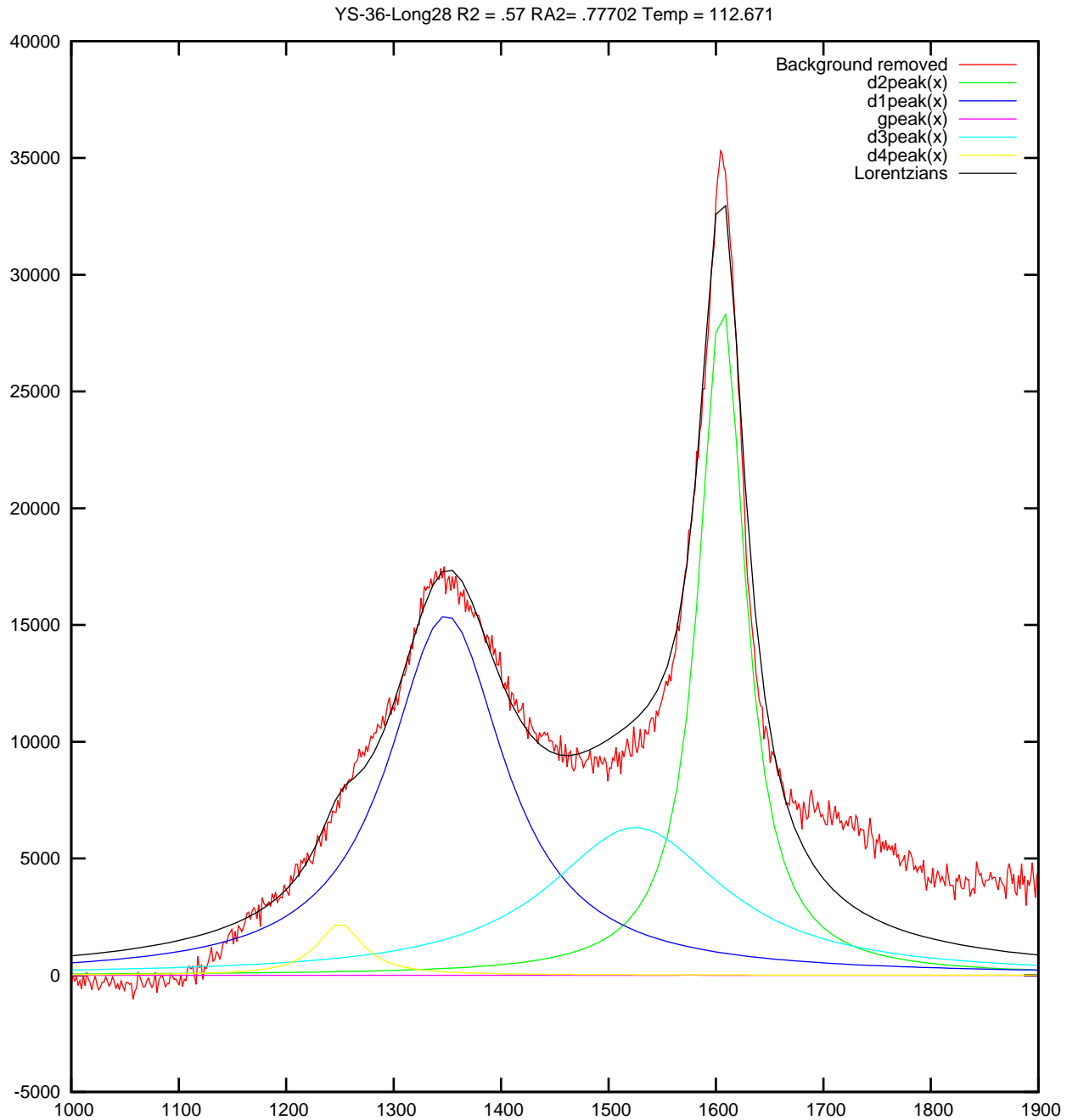
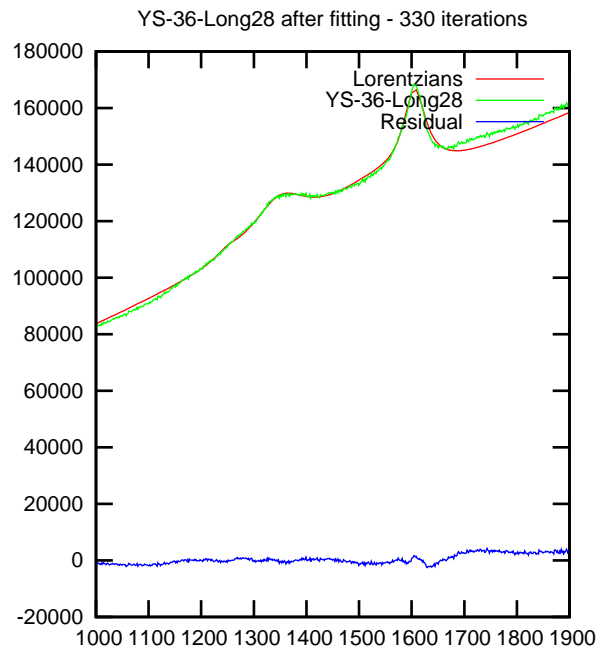
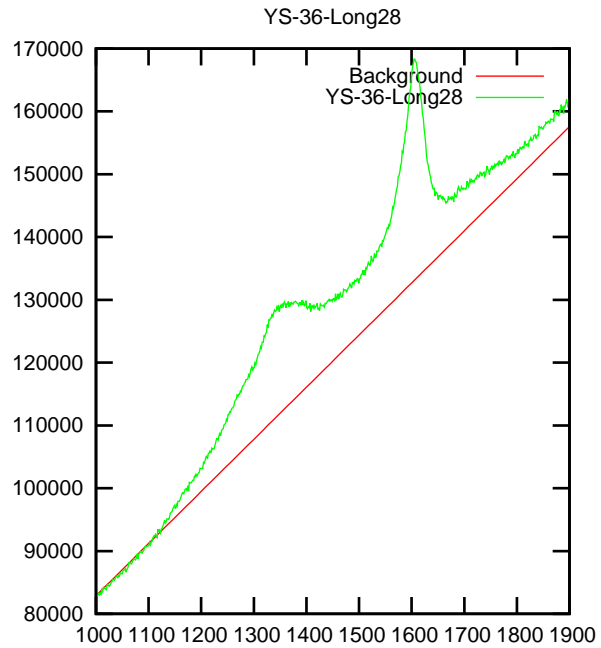


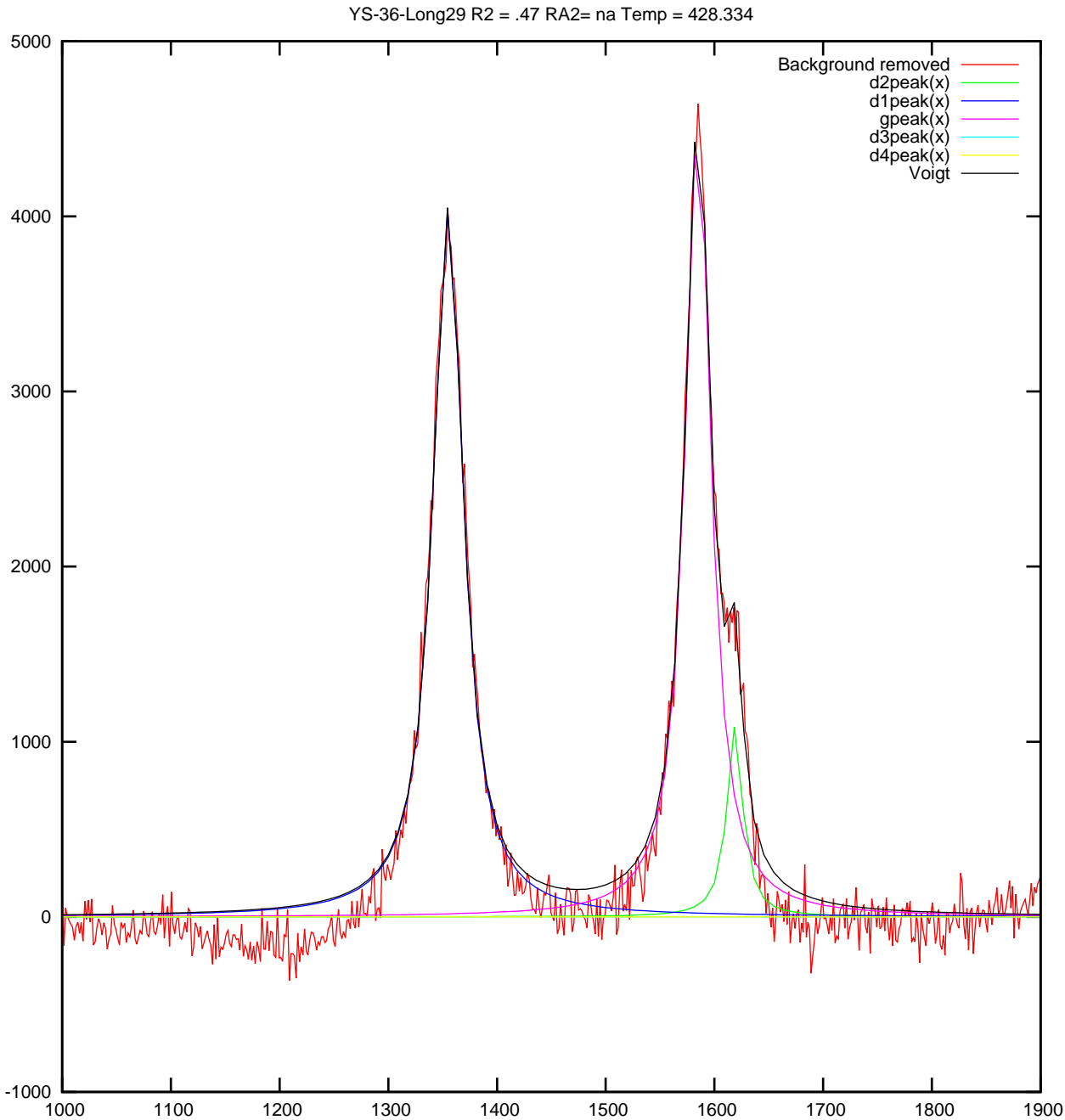
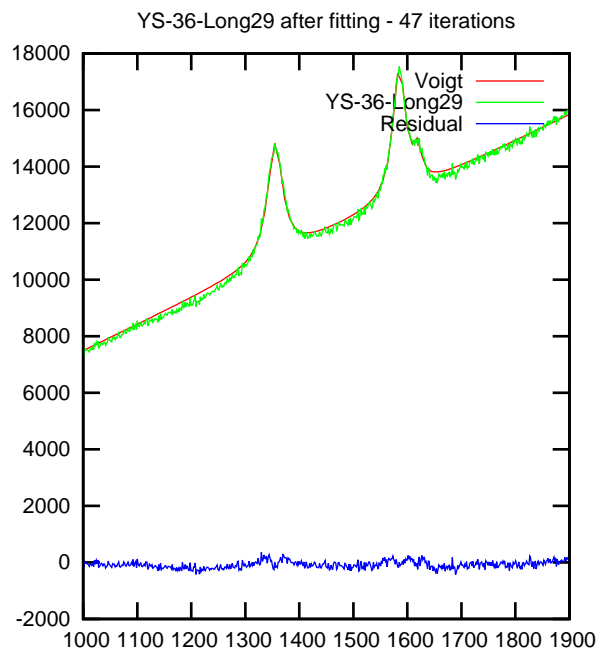
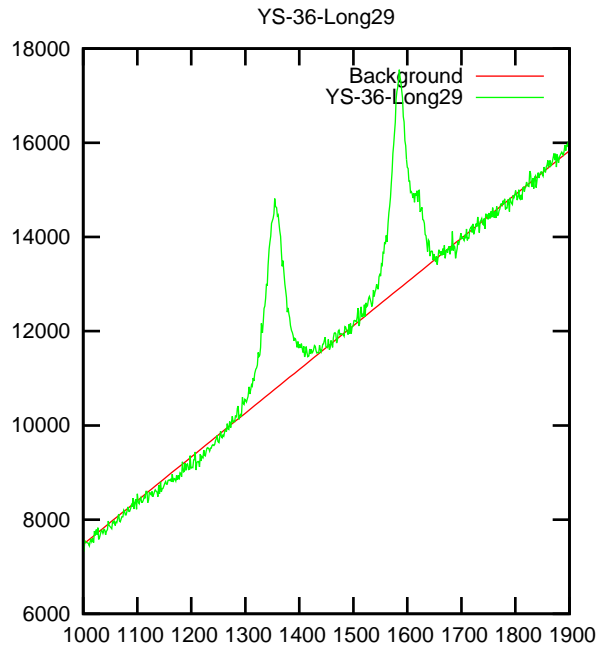
YS-36-Long27 R2 = .57 RA2= na Temp = 386.709

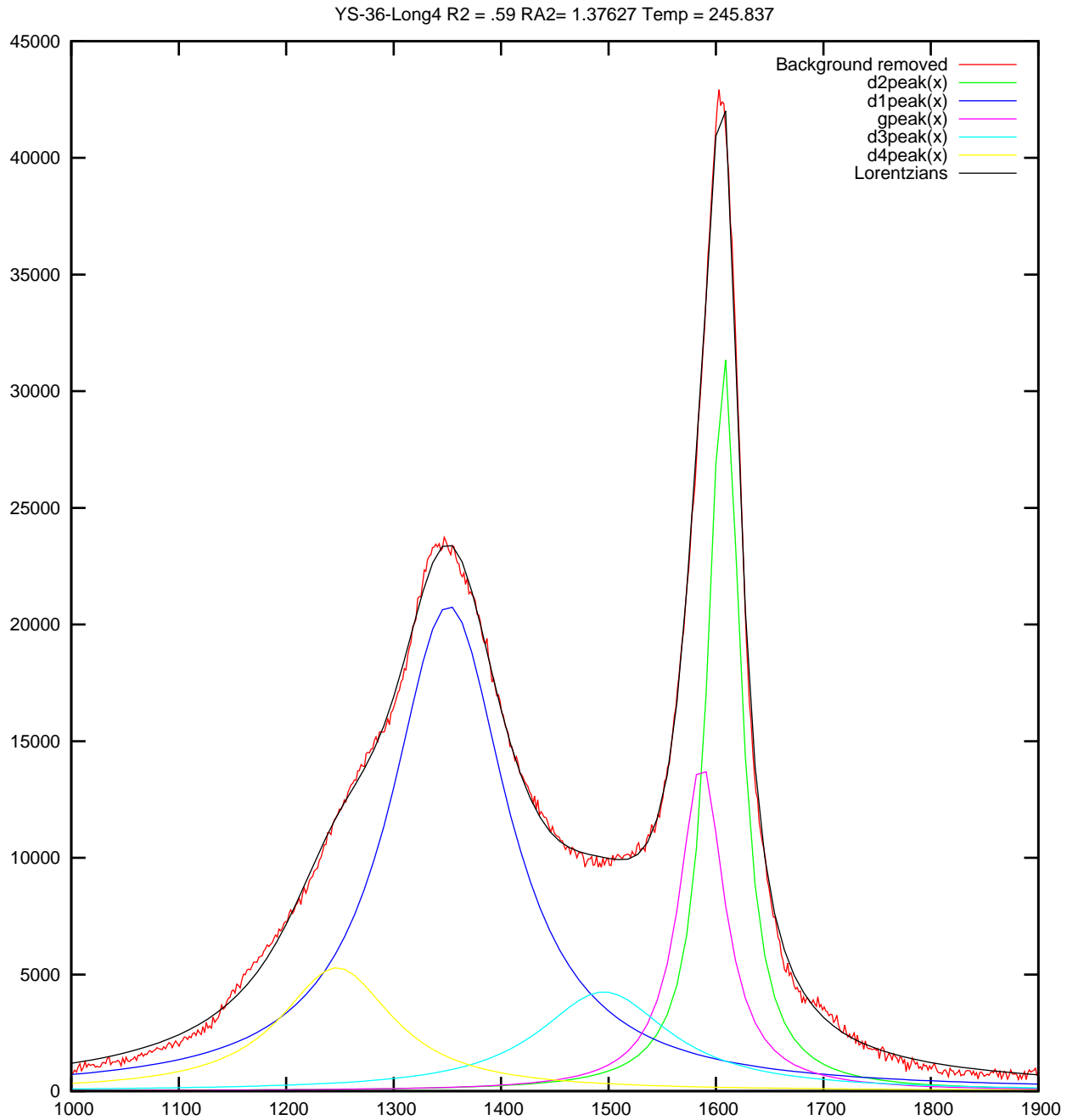
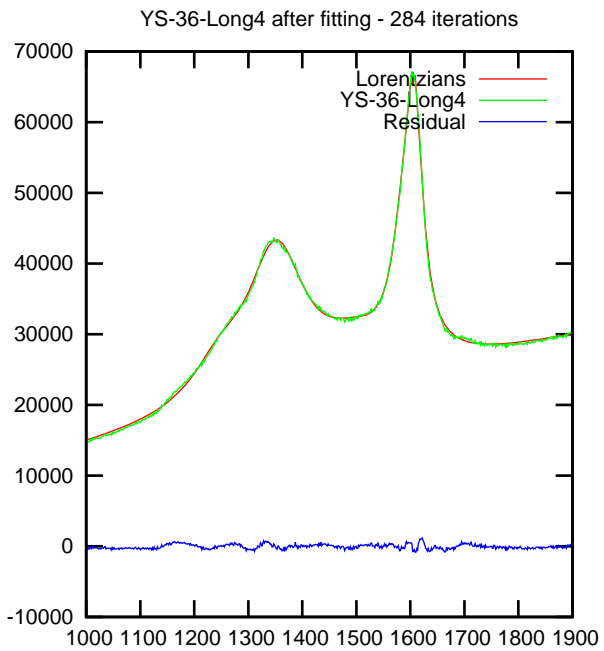
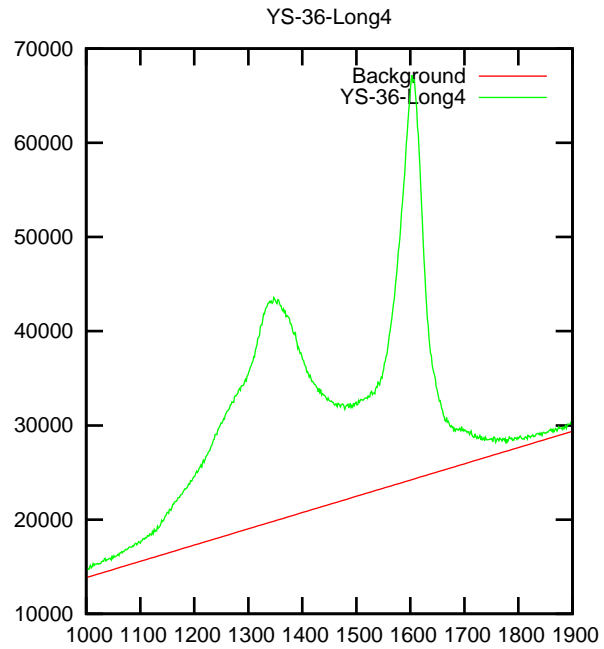


YS-36-Long27 after fitting - 111 iterations

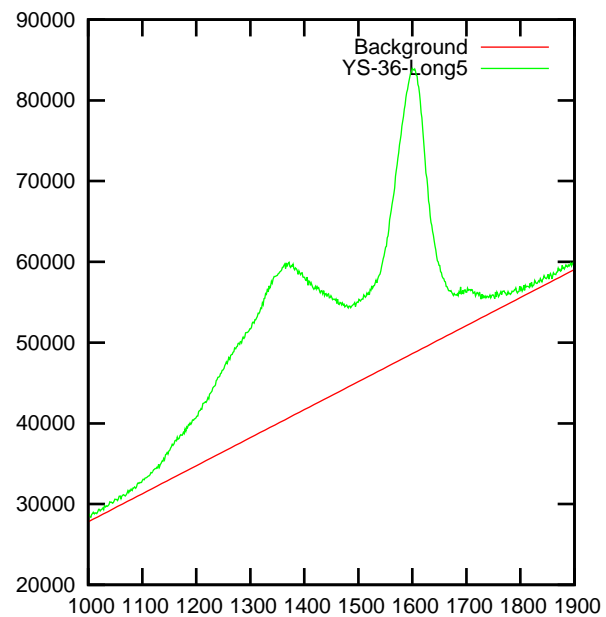




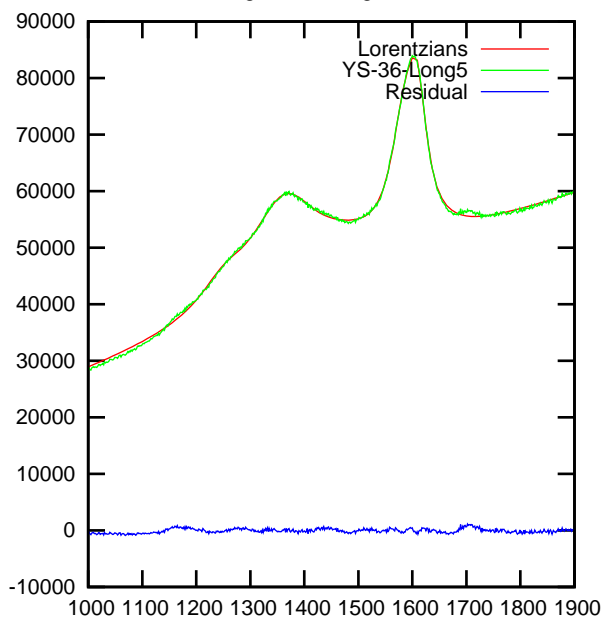




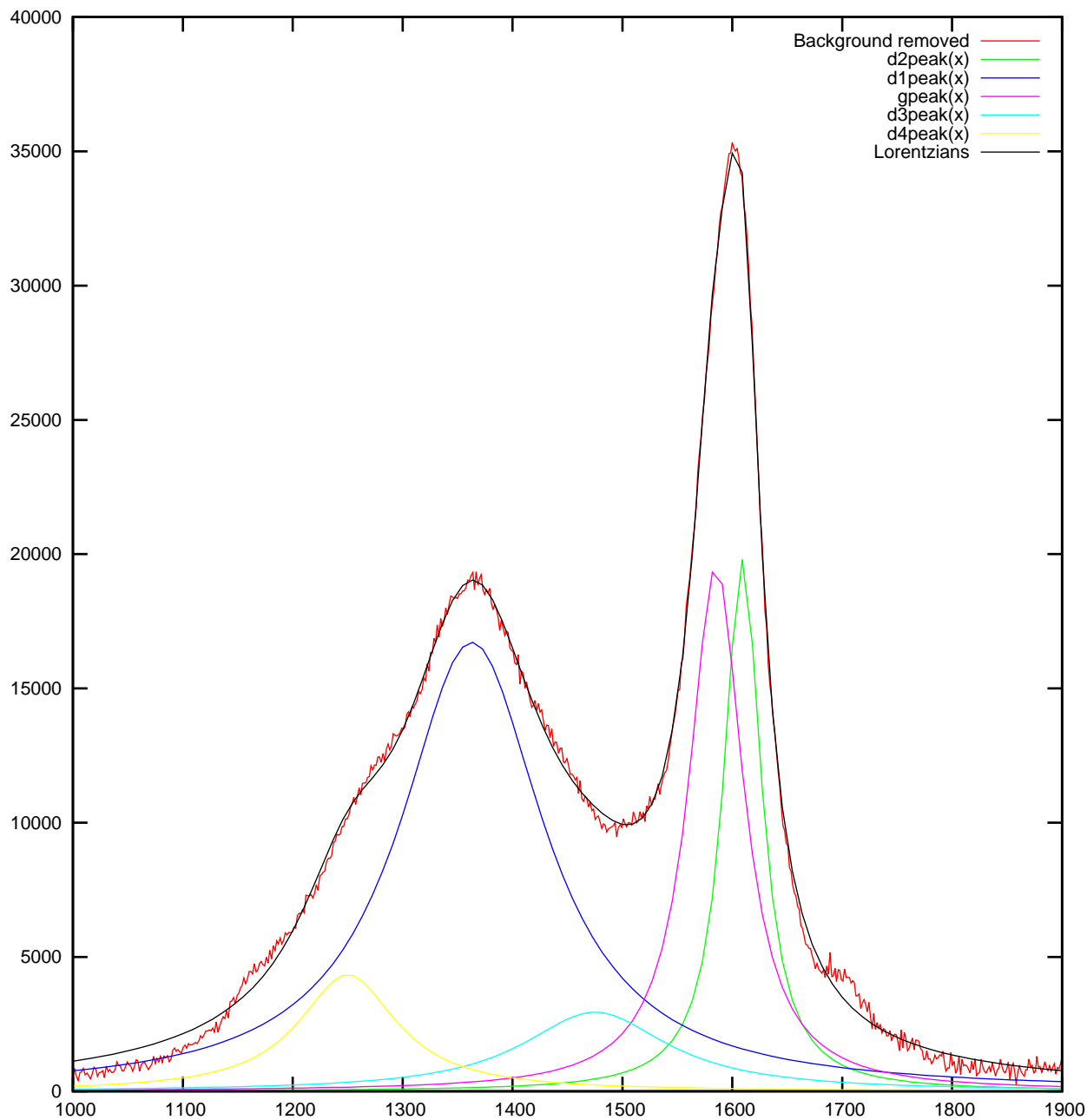
YS-36-Long5

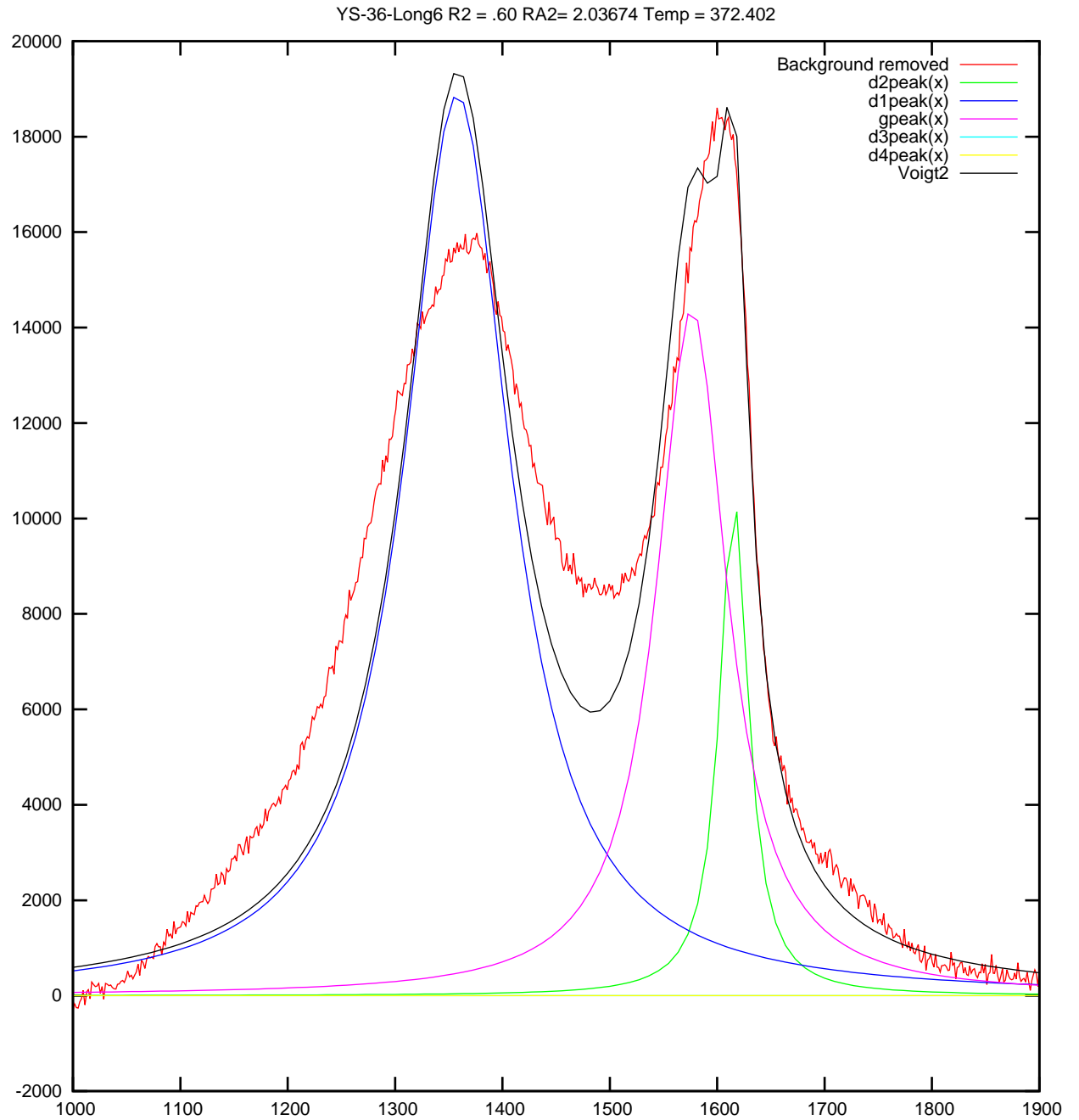
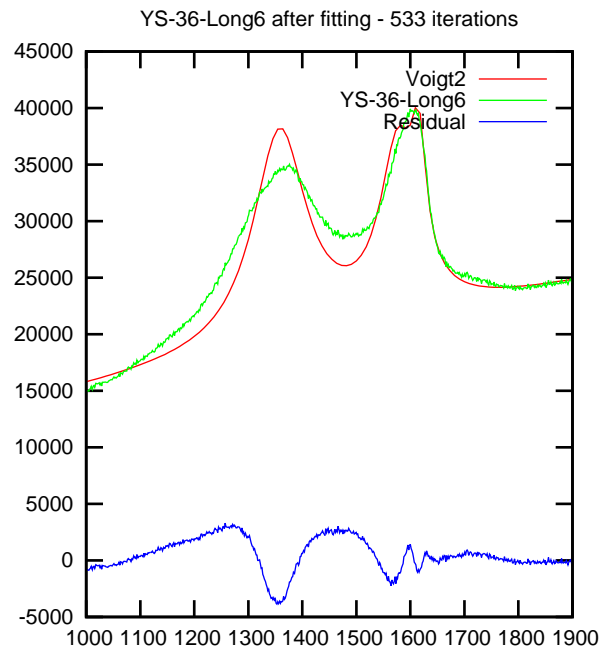
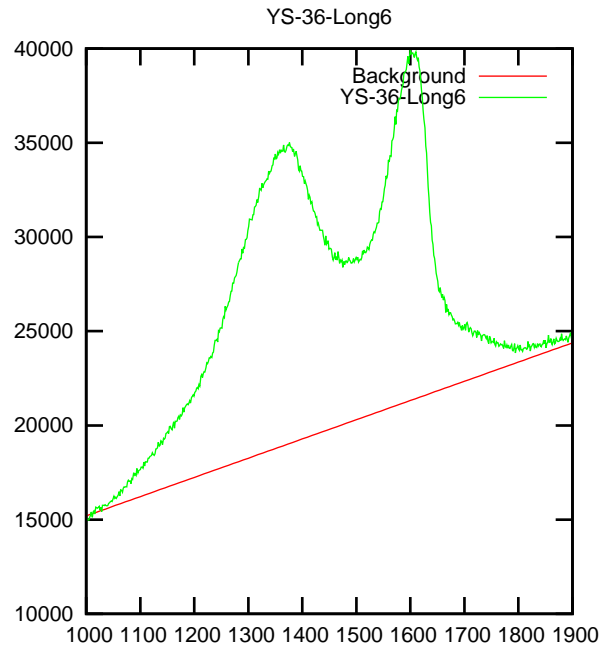


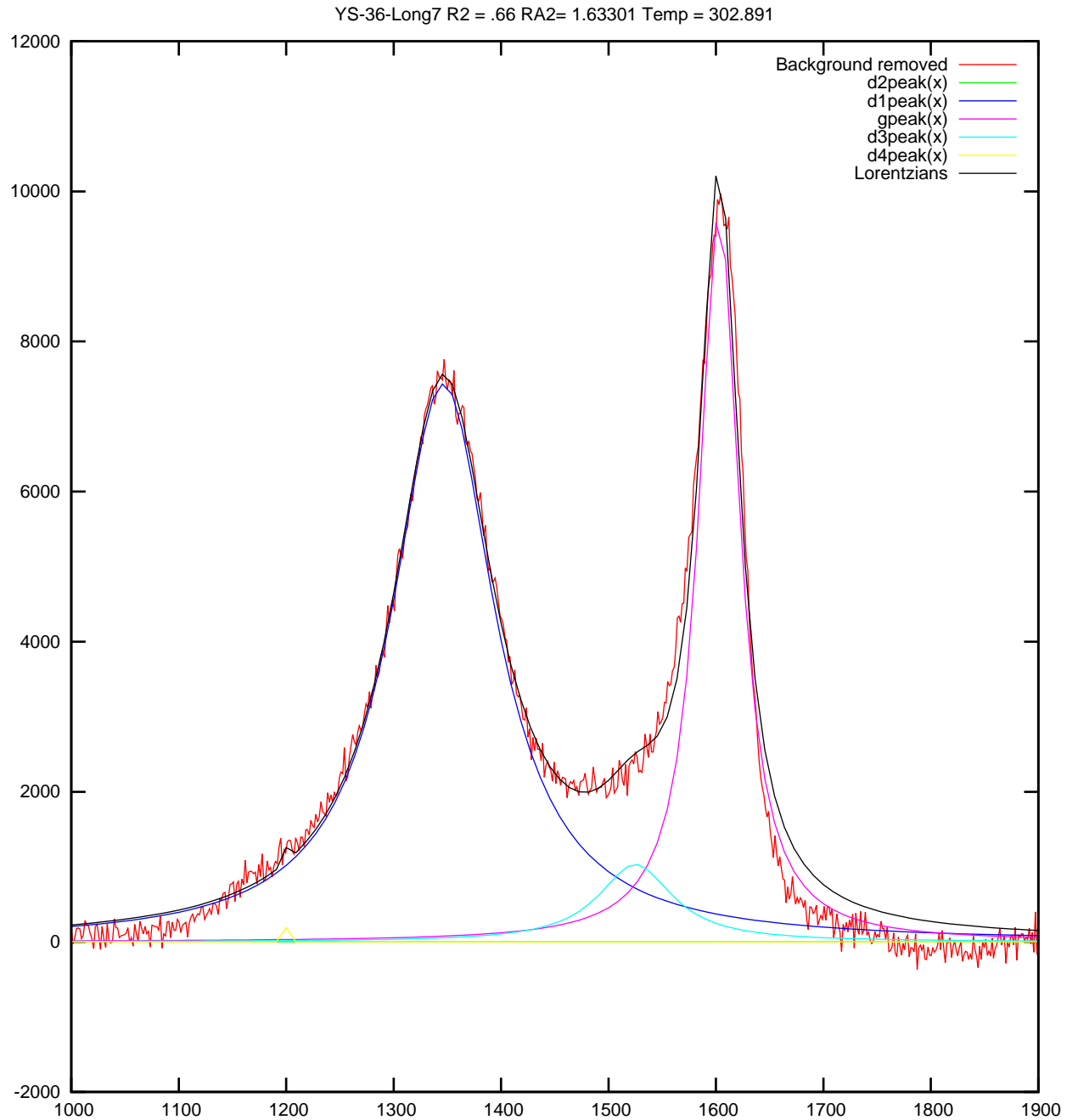
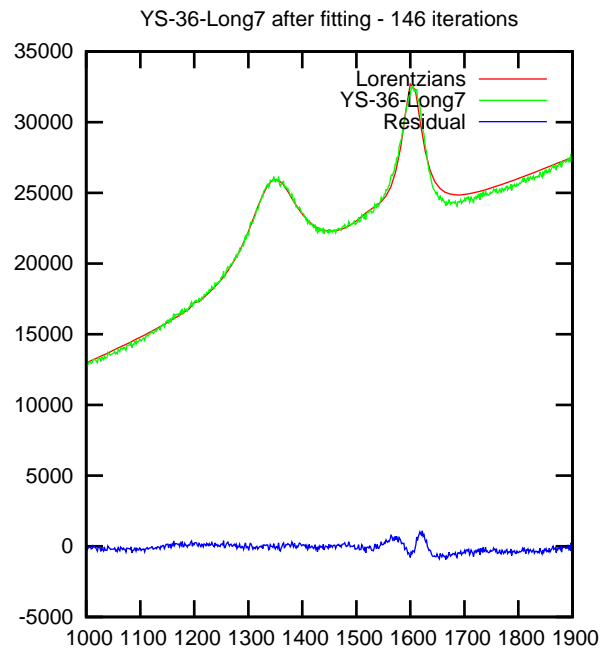
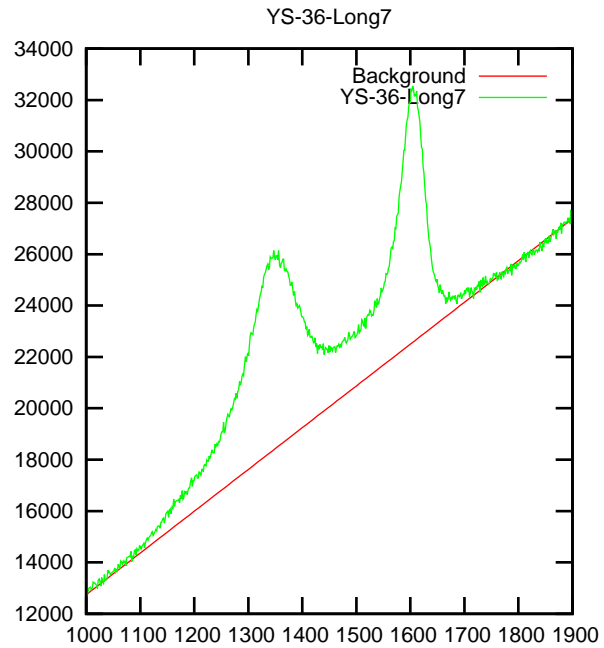
YS-36-Long5 after fitting - 360 iterations

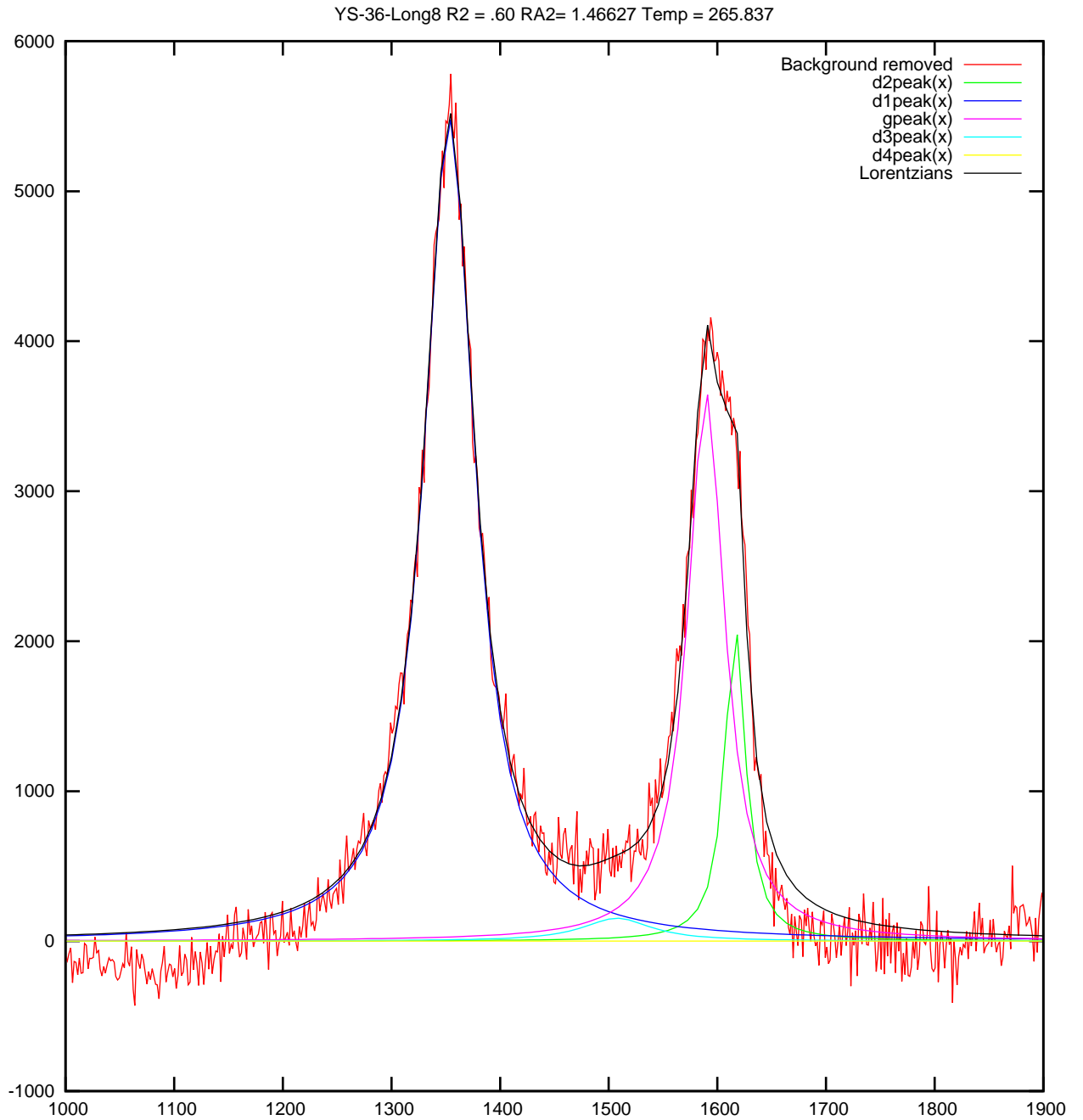
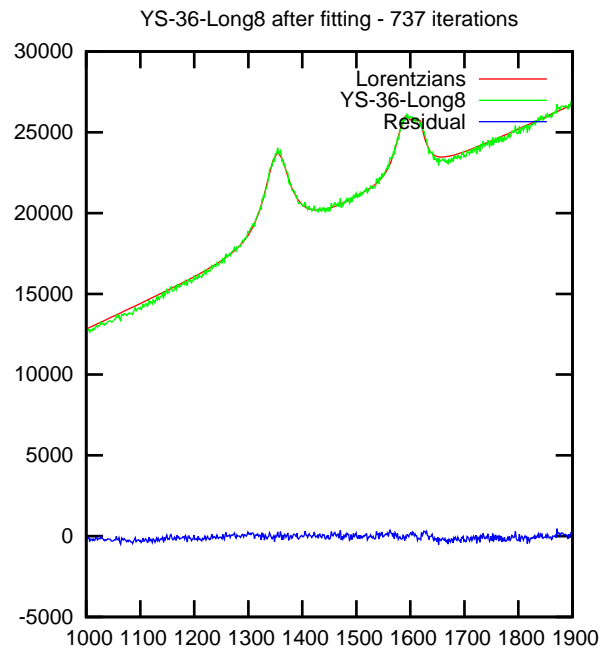
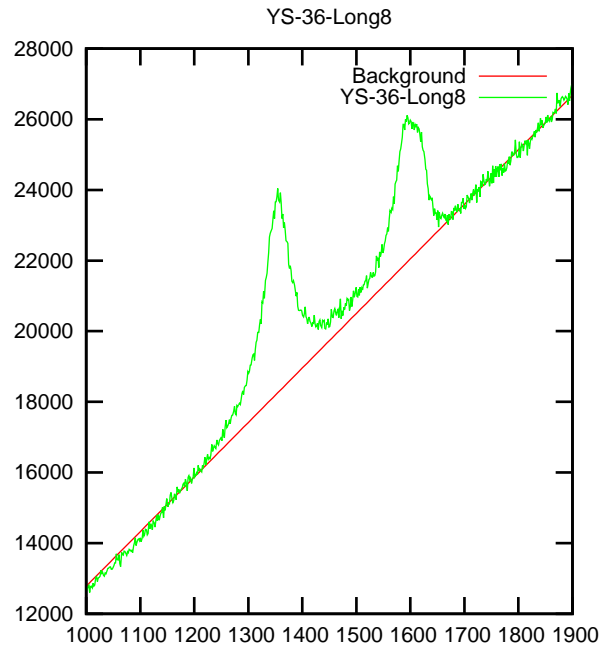


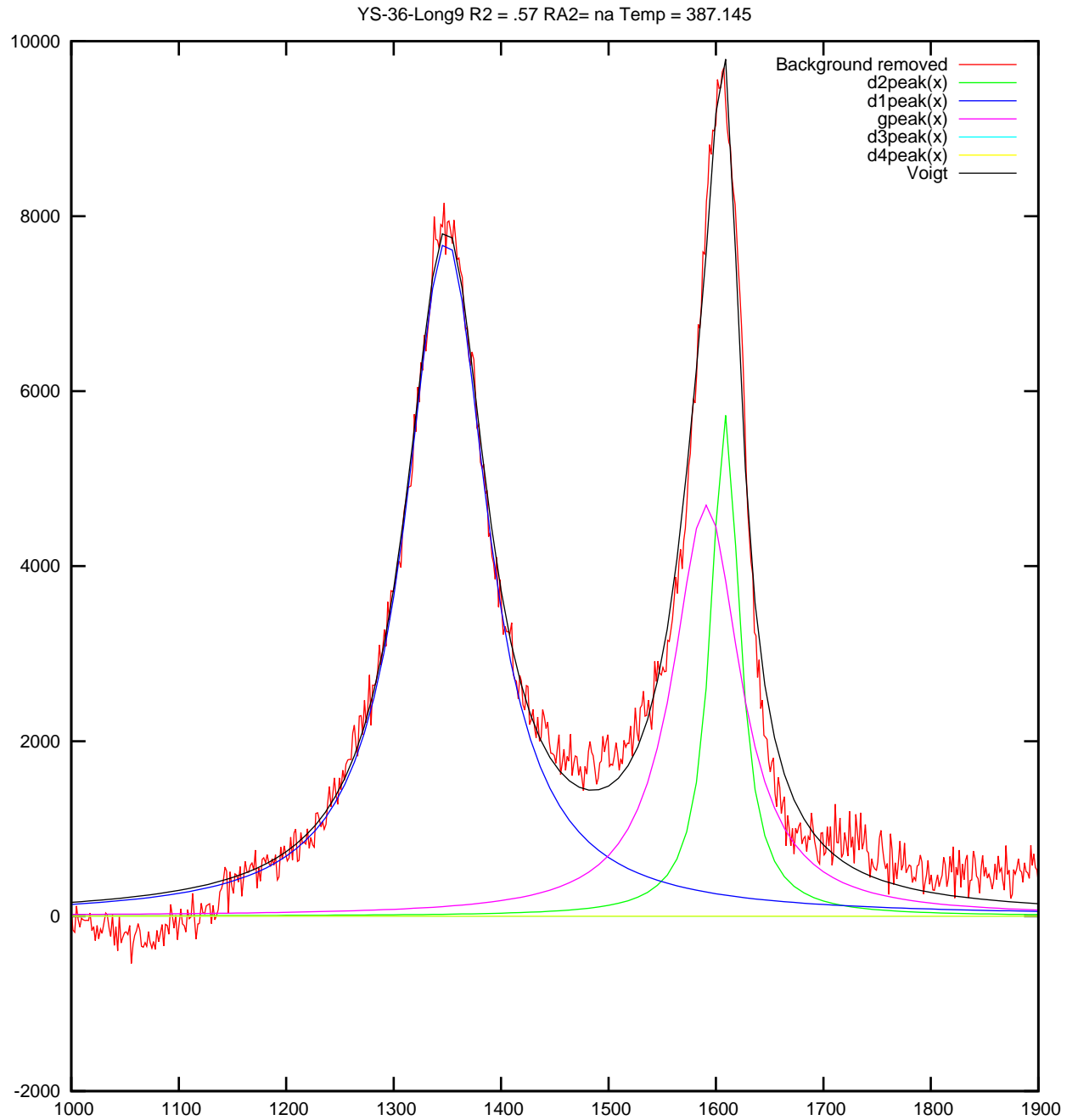
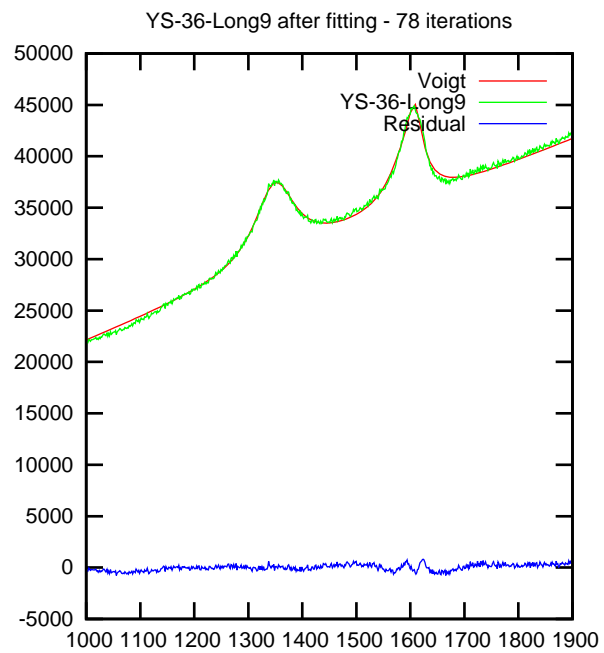
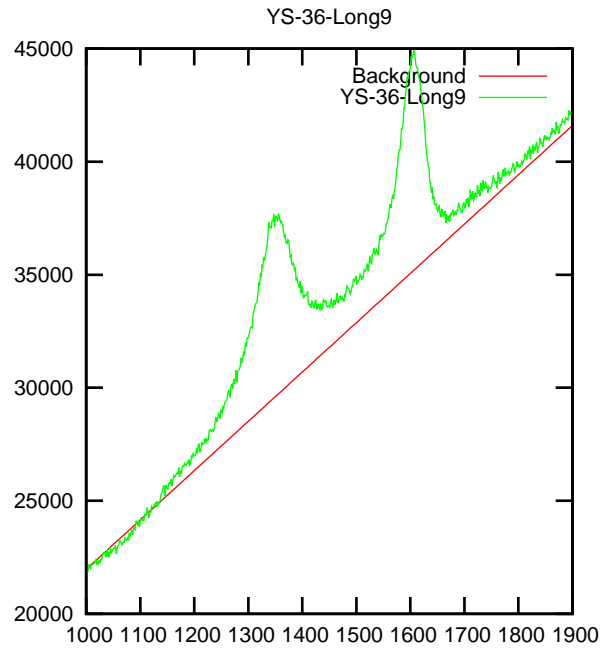
YS-36-Long5 R2 = .57 RA2= 1.26913 Temp = 222.028



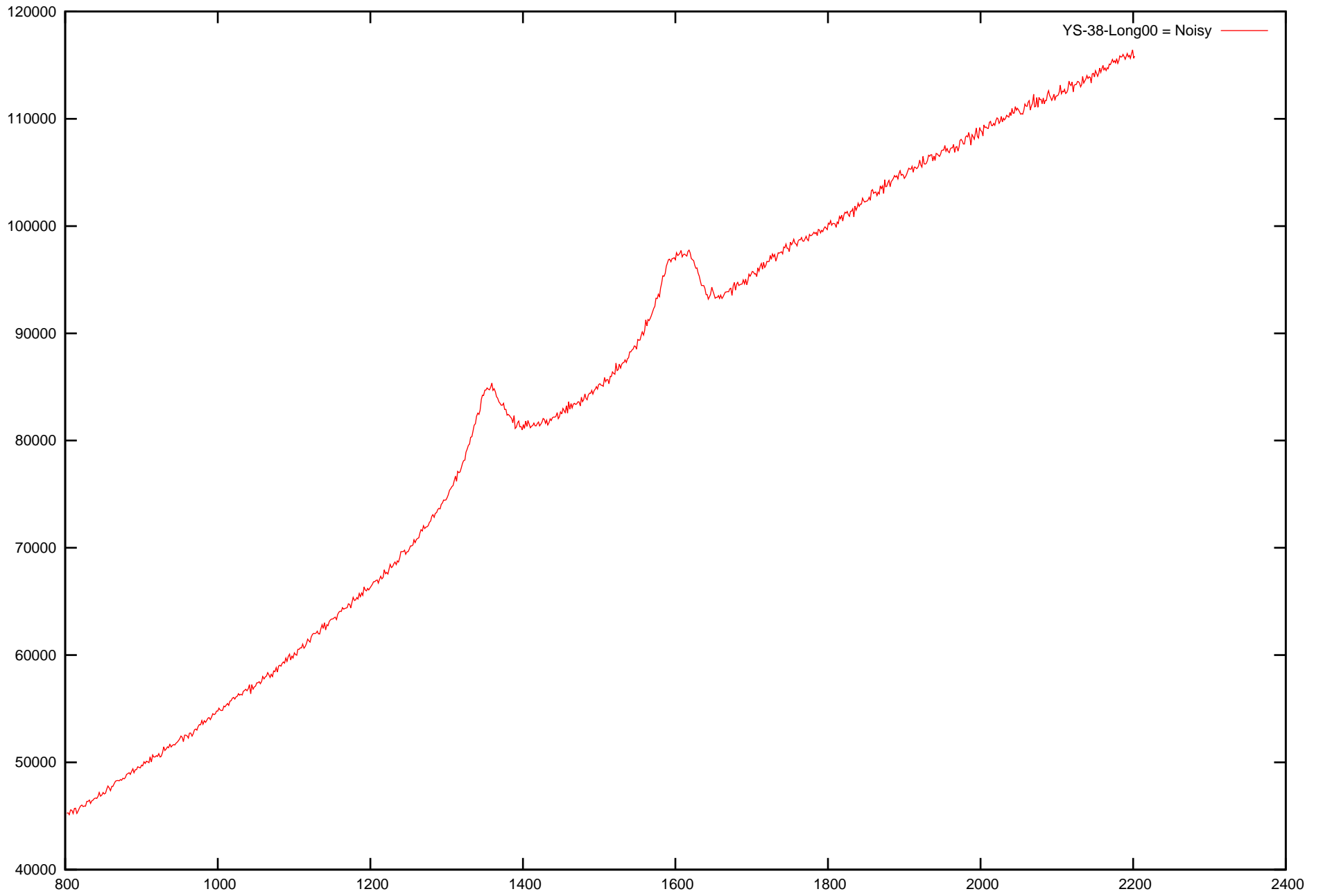




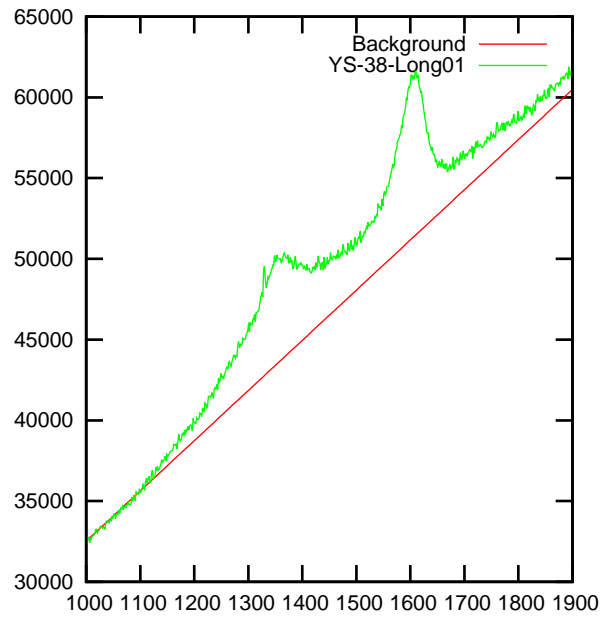




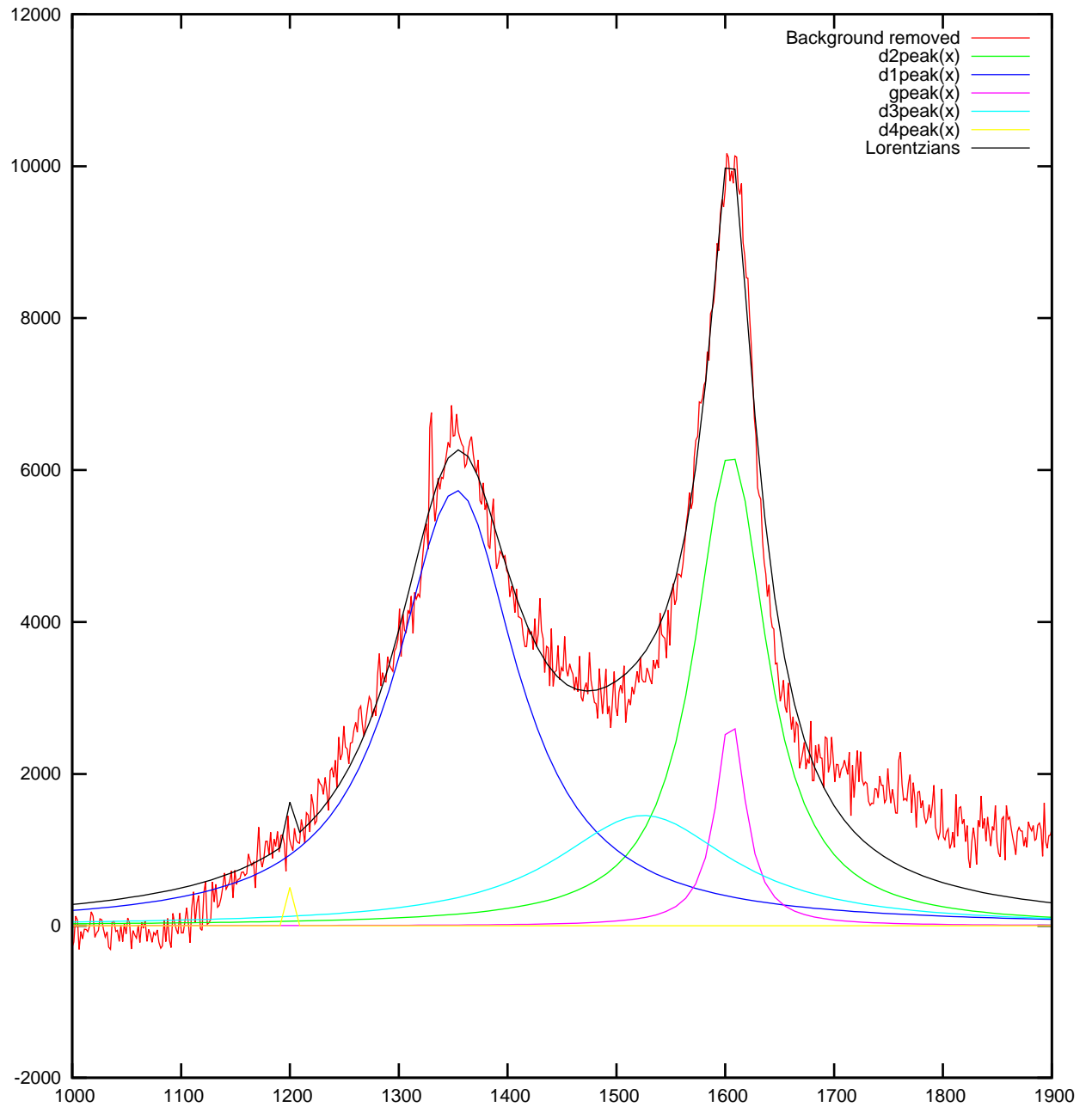
YS-38-Long00 = Noisy



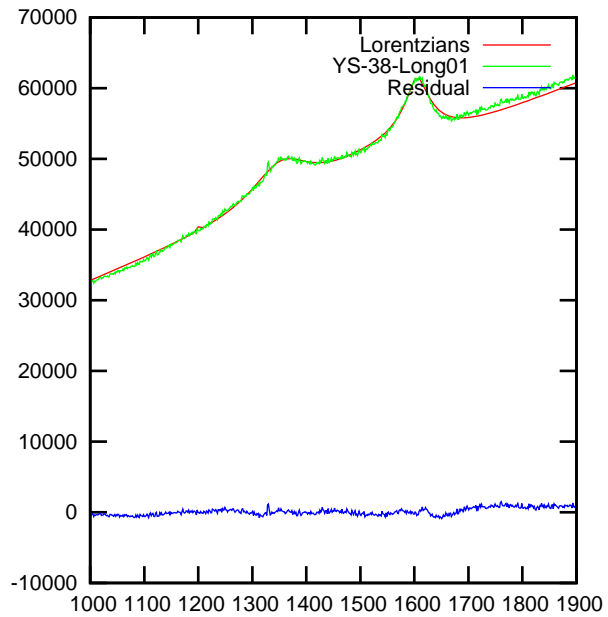
YS-38-Long01



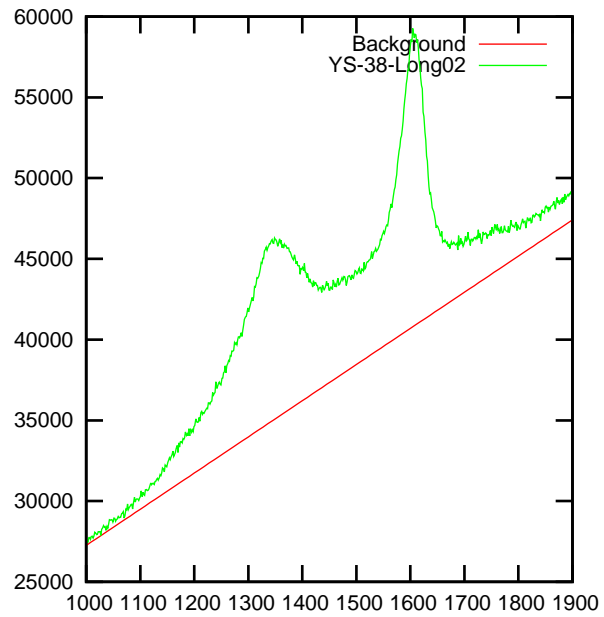
YS-38-Long01 R2 = .56 RA2= .88083 Temp = 135.740



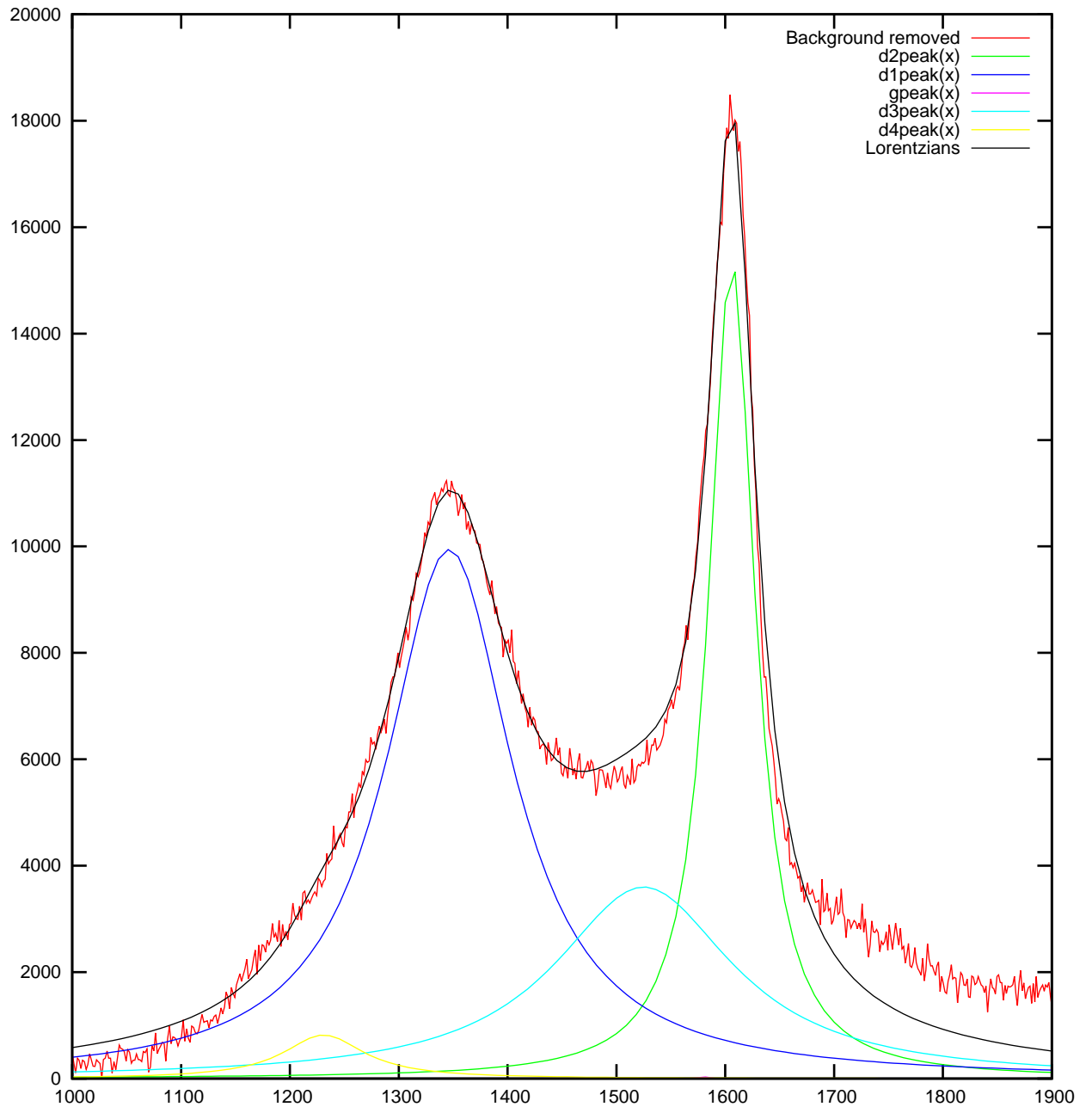
YS-38-Long01 after fitting - 144 iterations



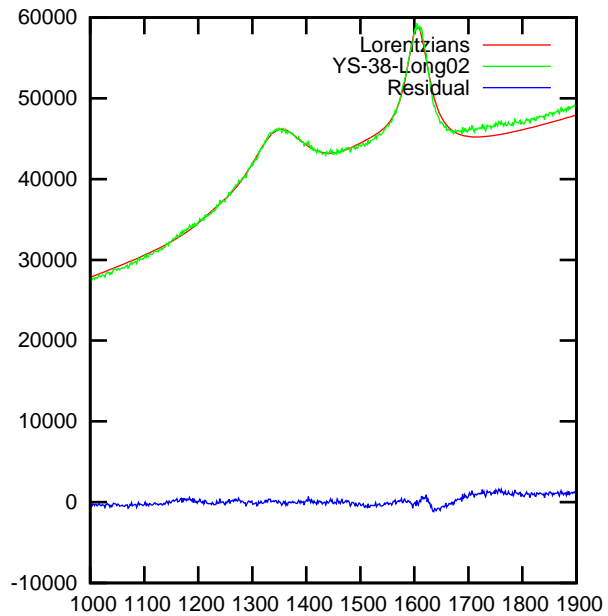
YS-38-Long02

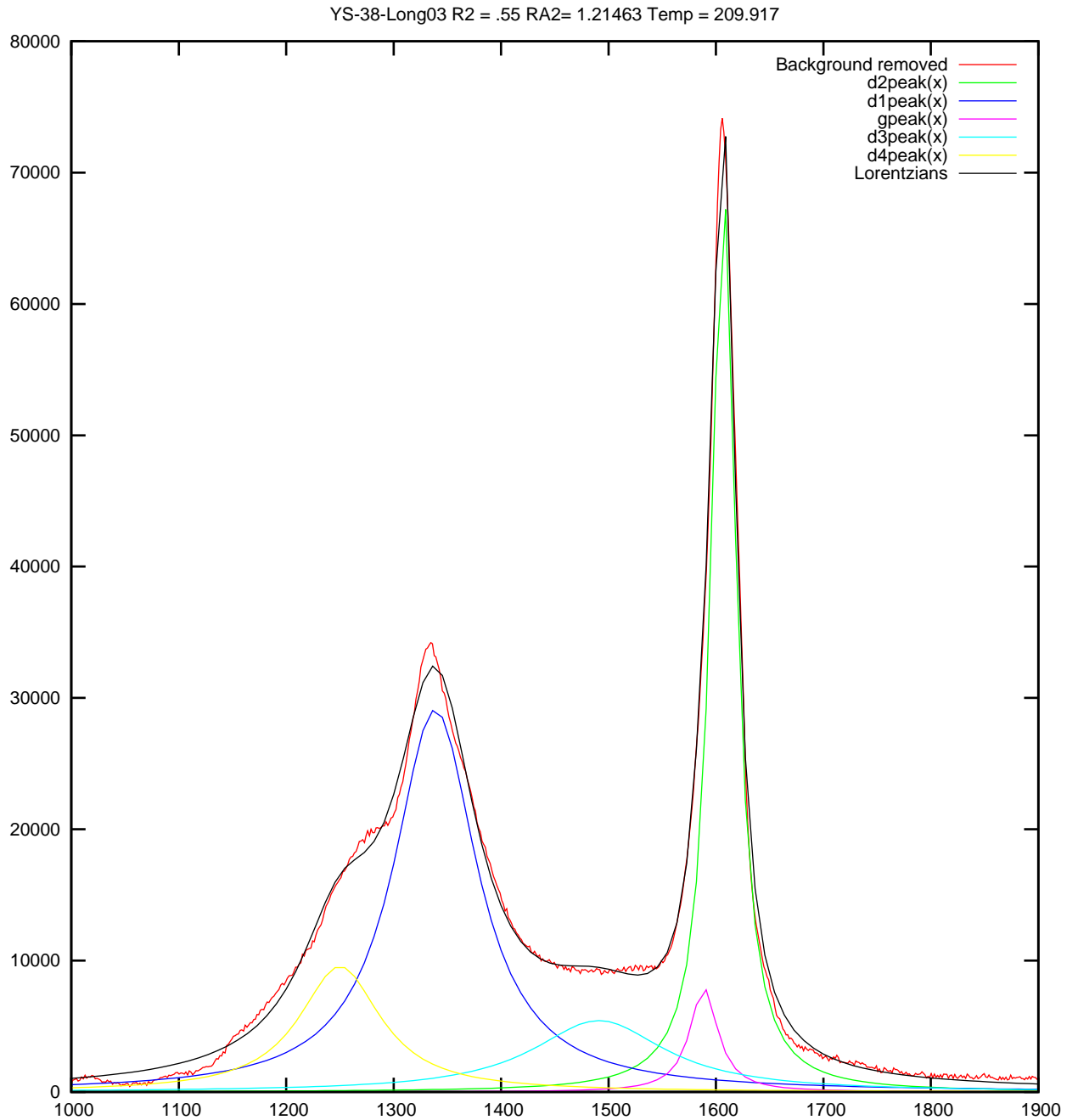
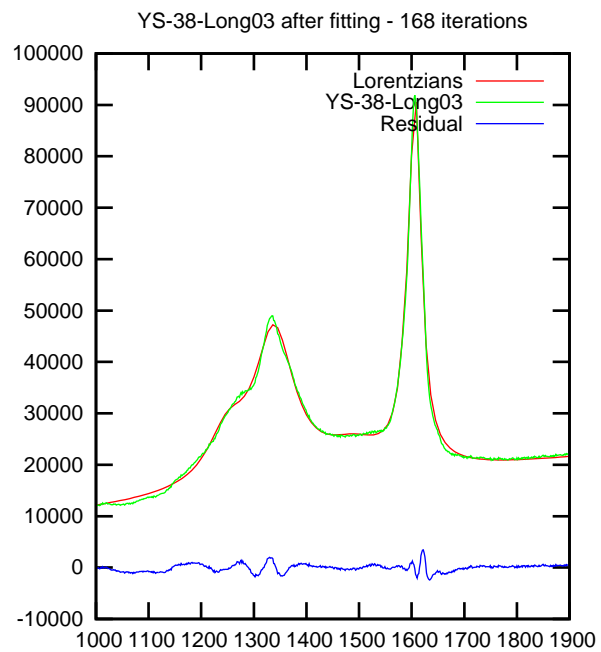
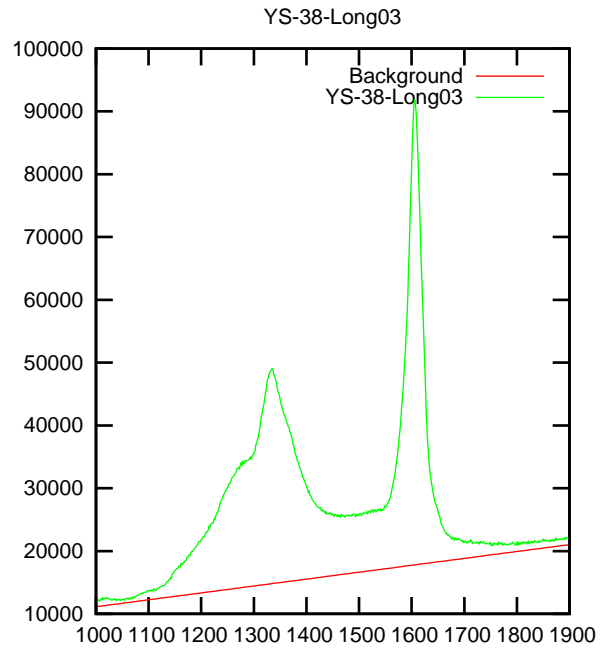


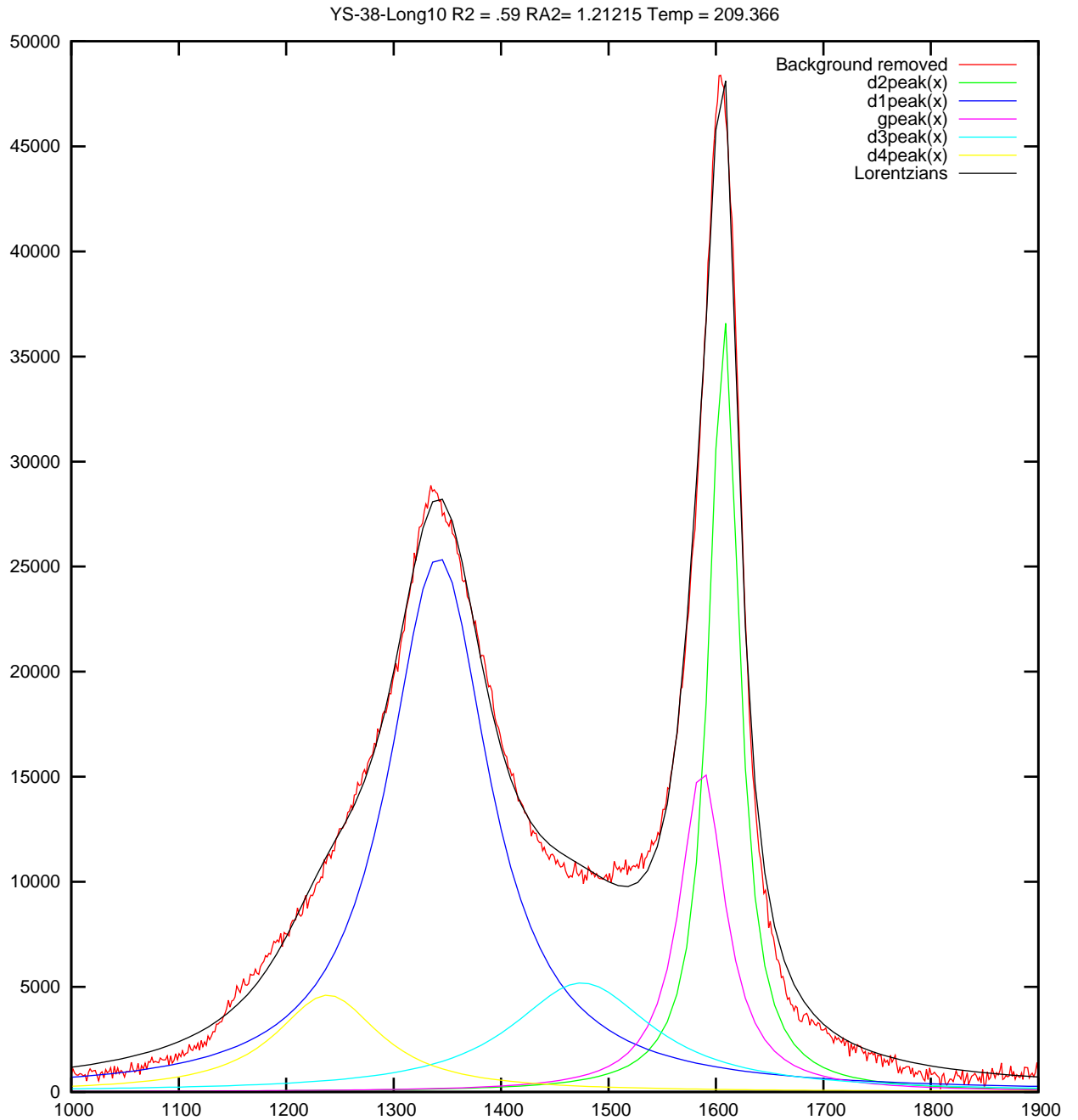
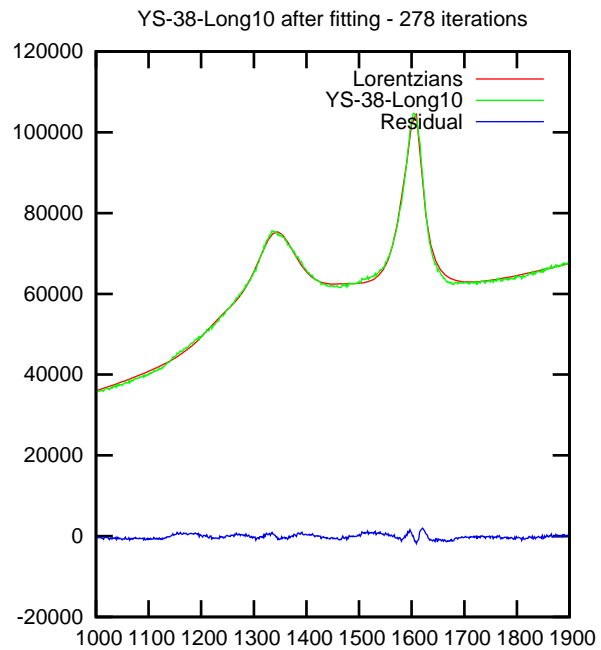
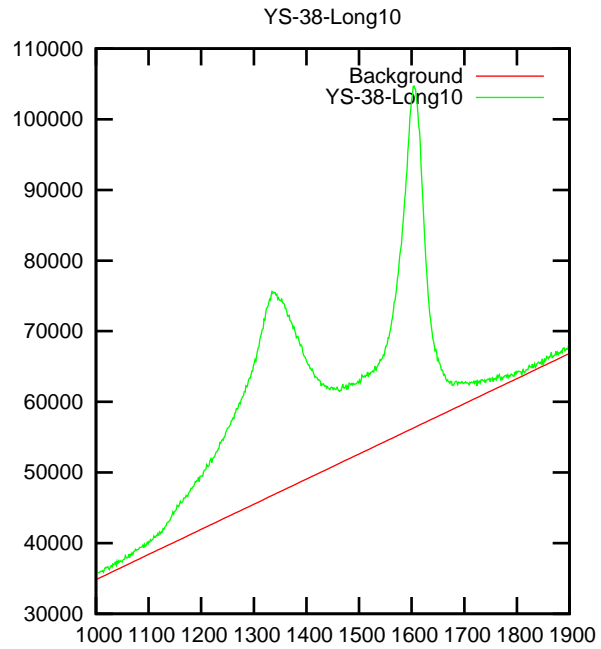
YS-38-Long02 R2 = .64 RA2= .98119 Temp = 158.042

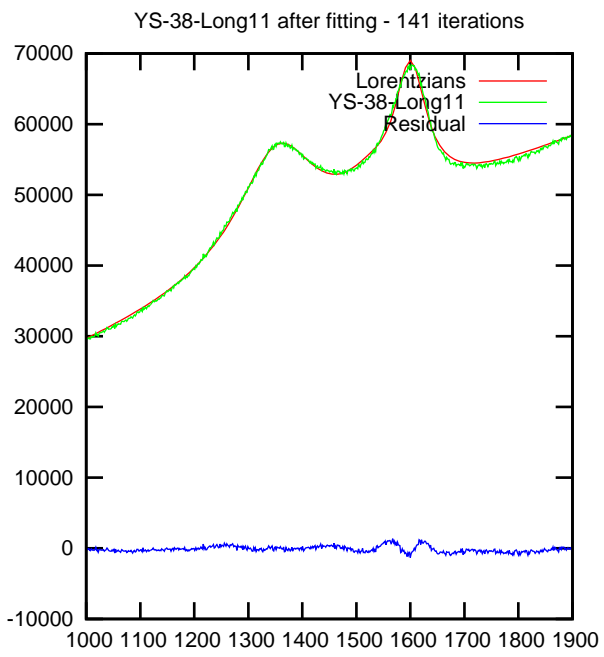
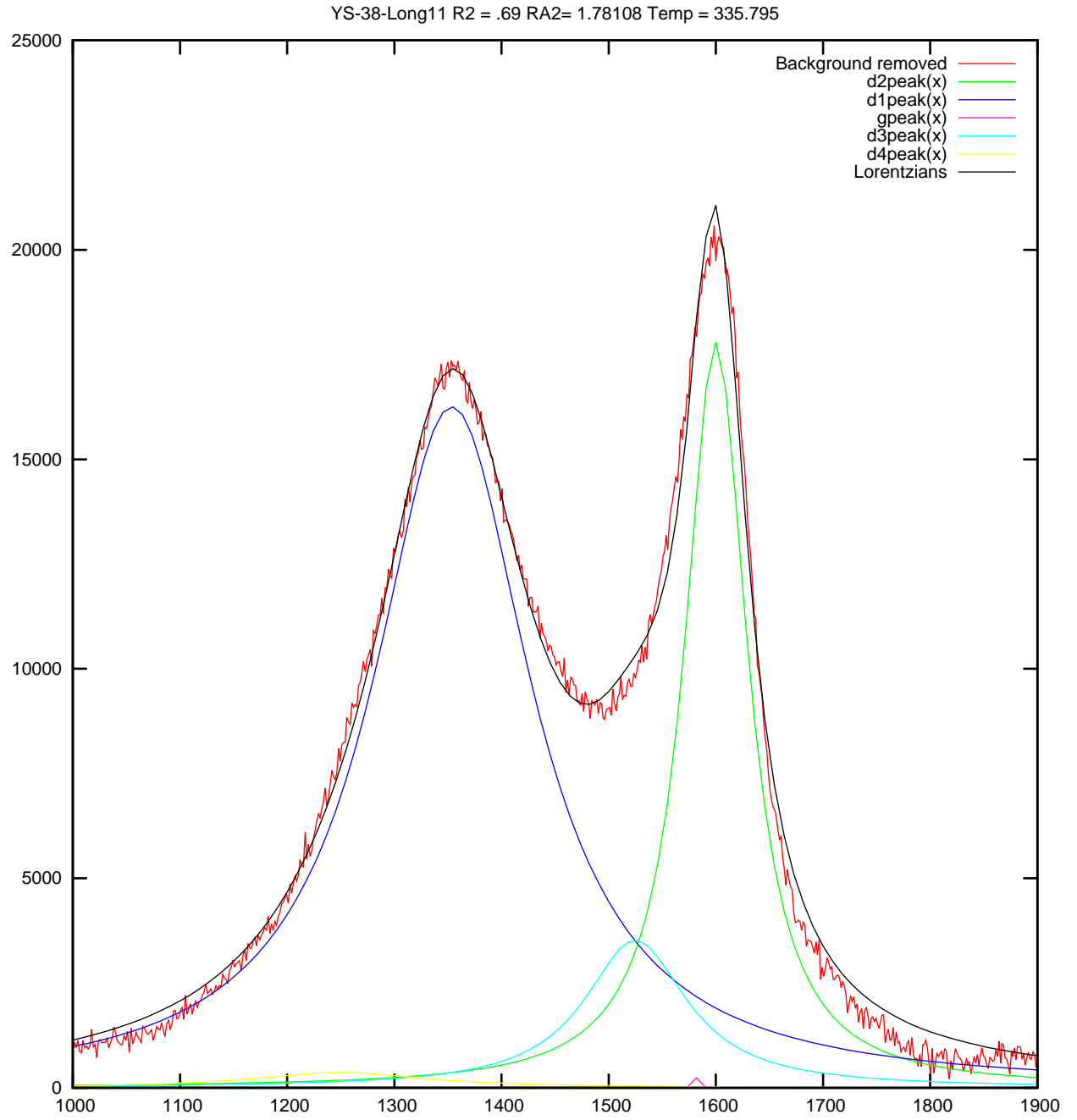
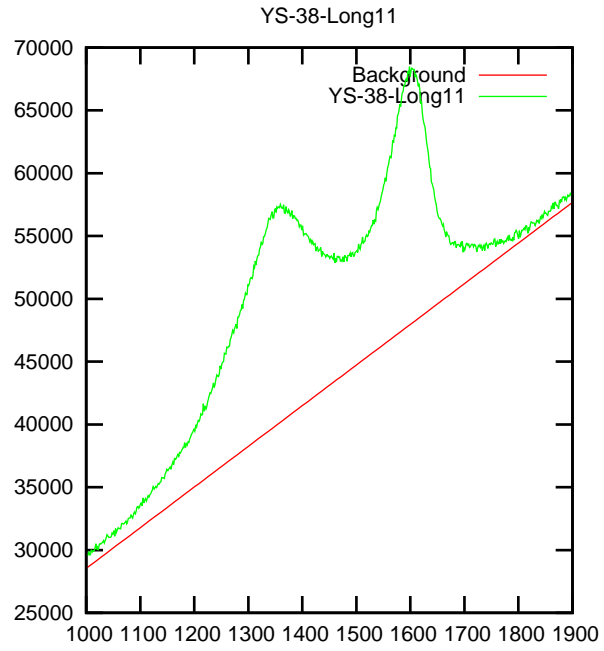


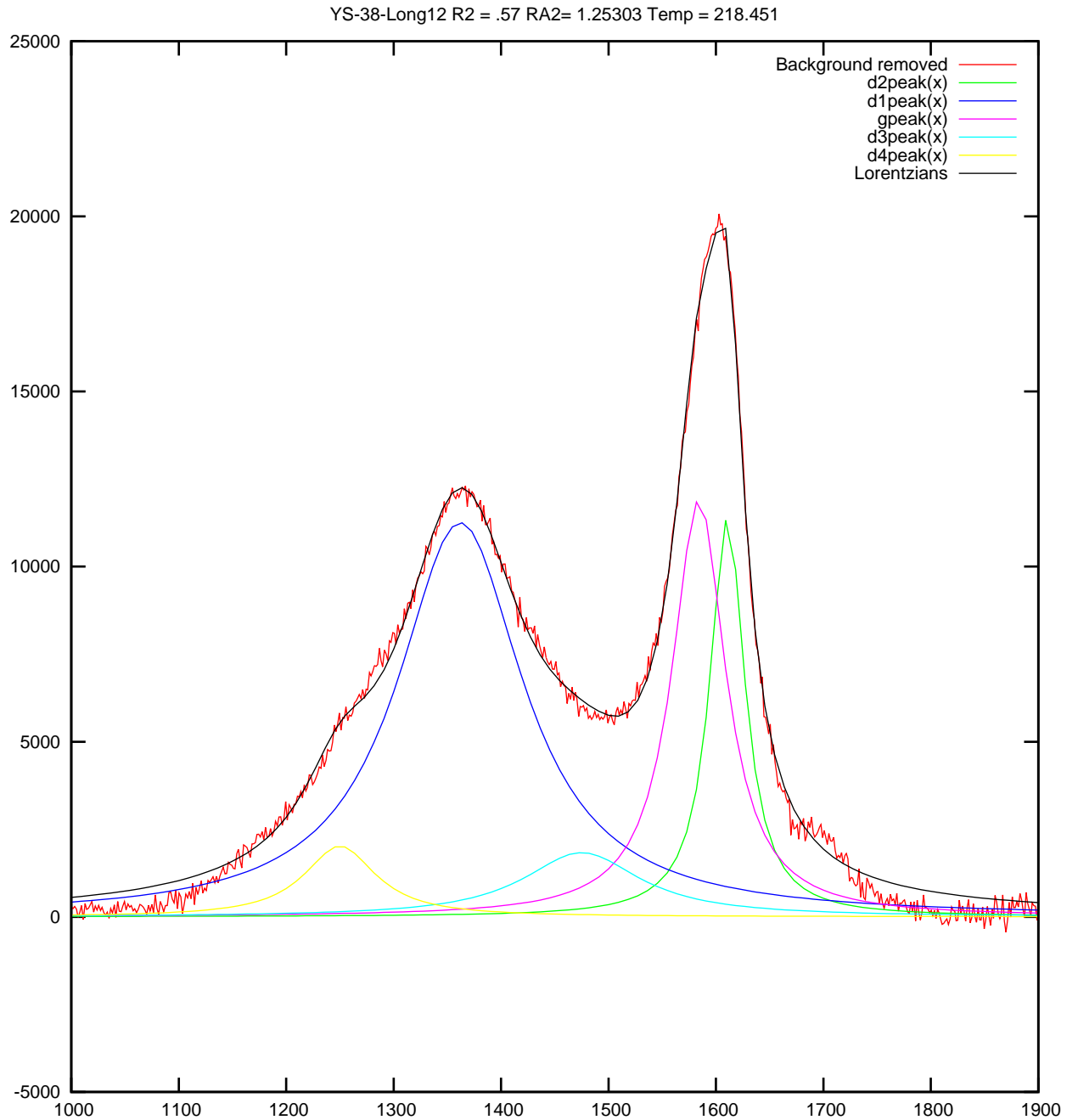
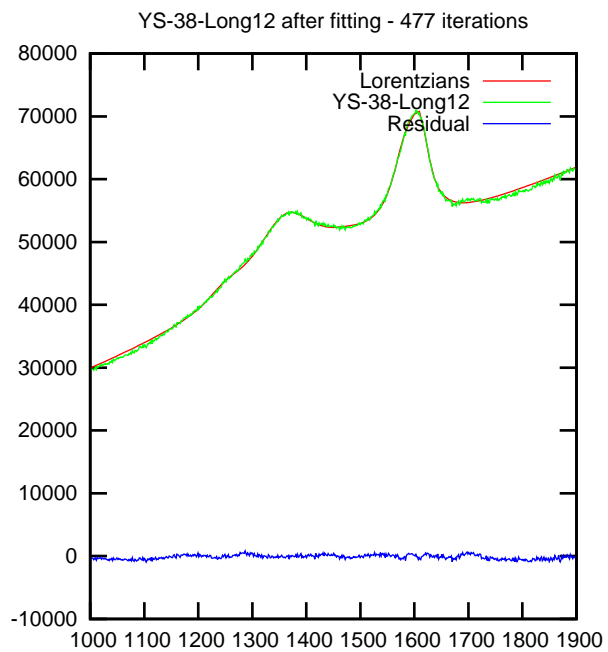
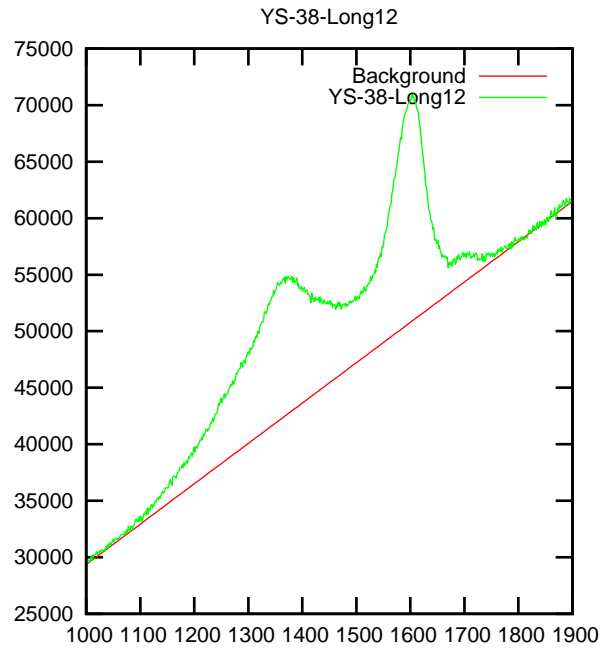
YS-38-Long02 after fitting - 251 iterations

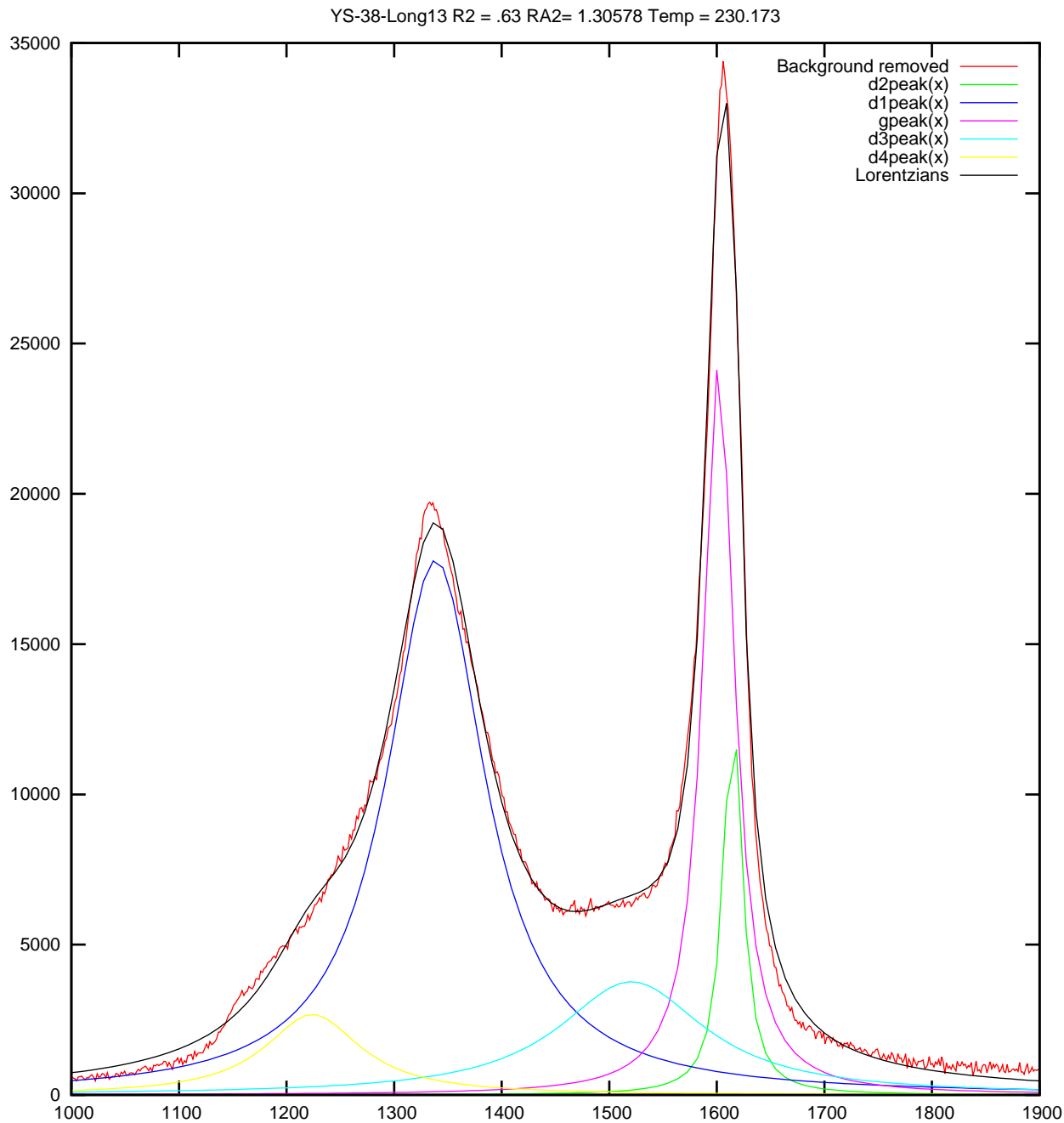
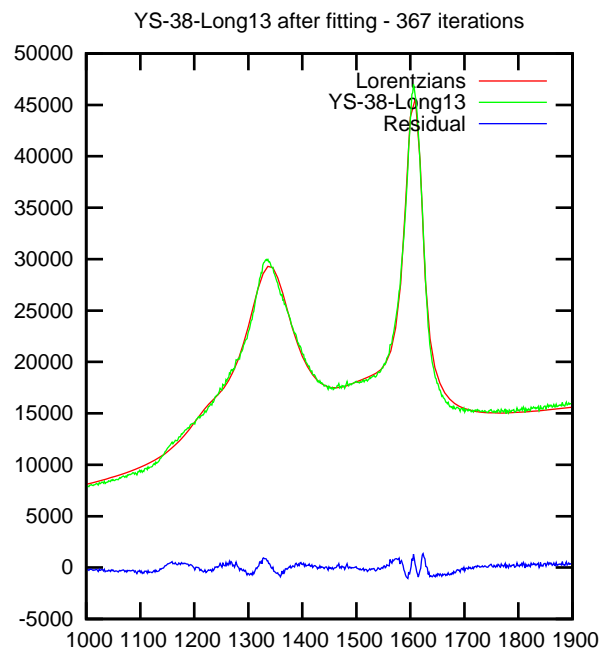
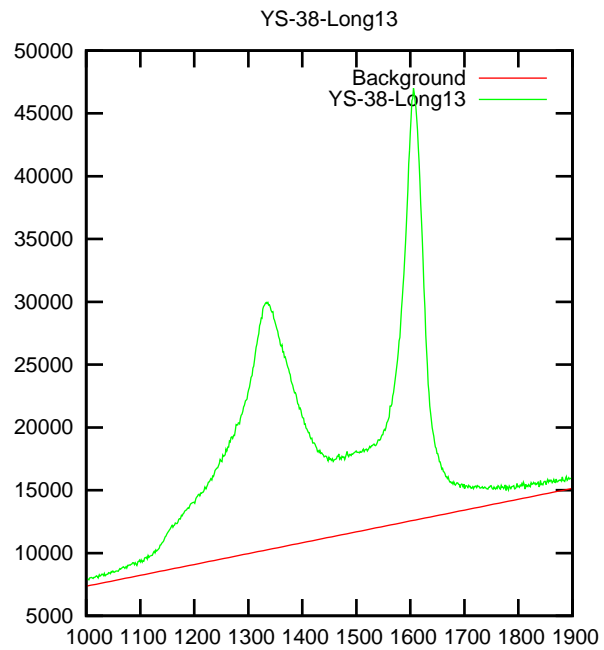


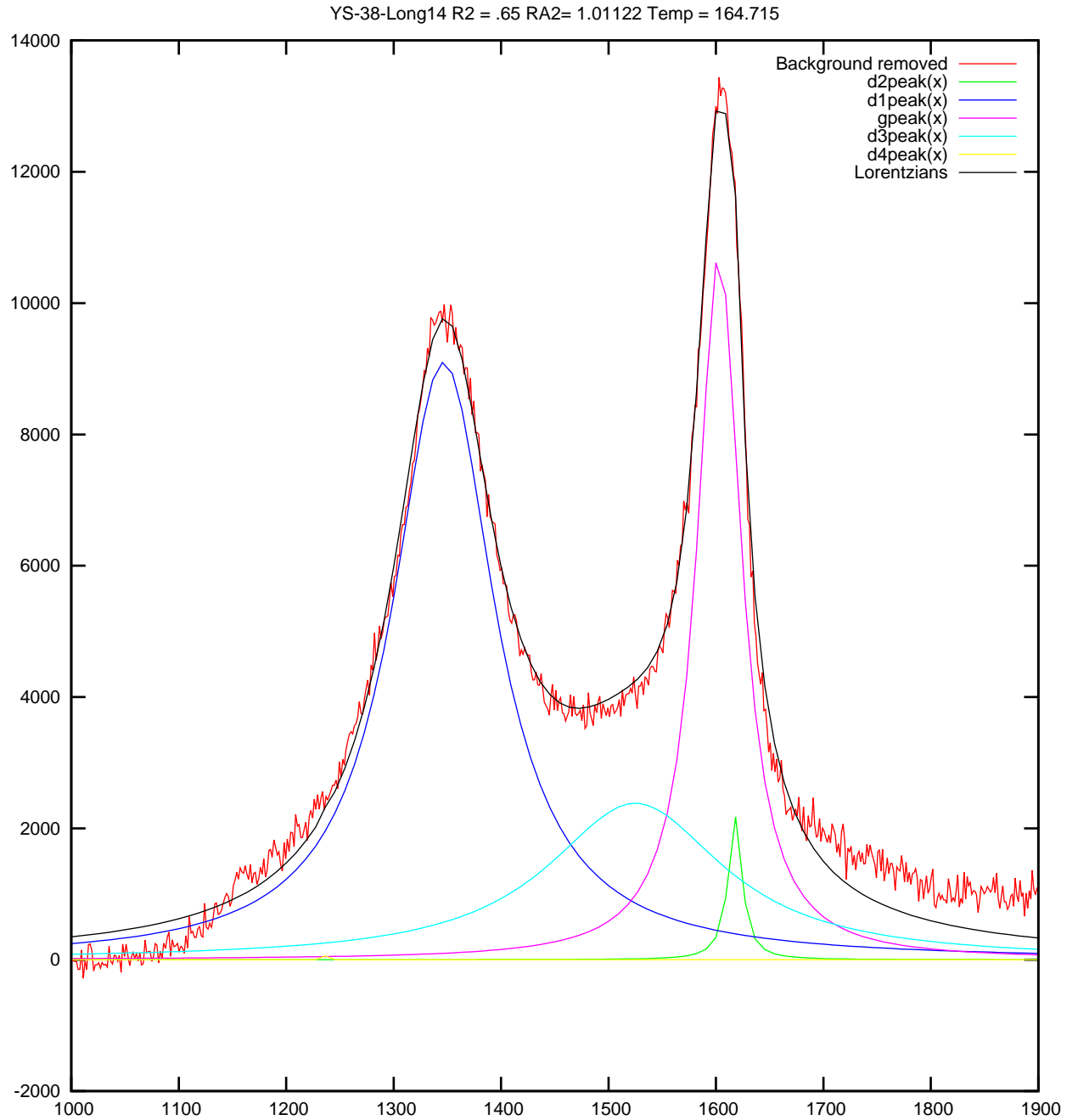
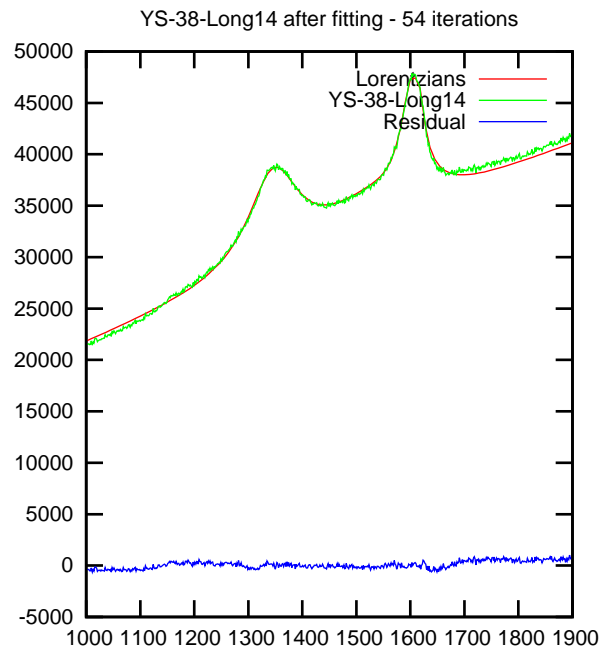
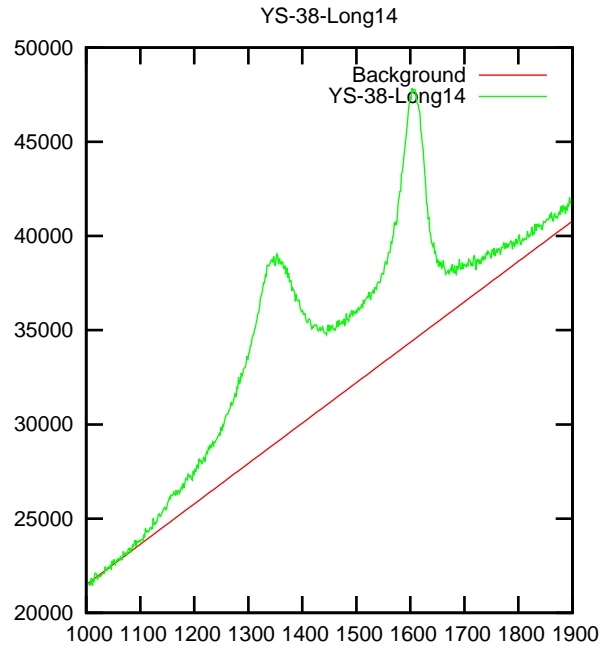


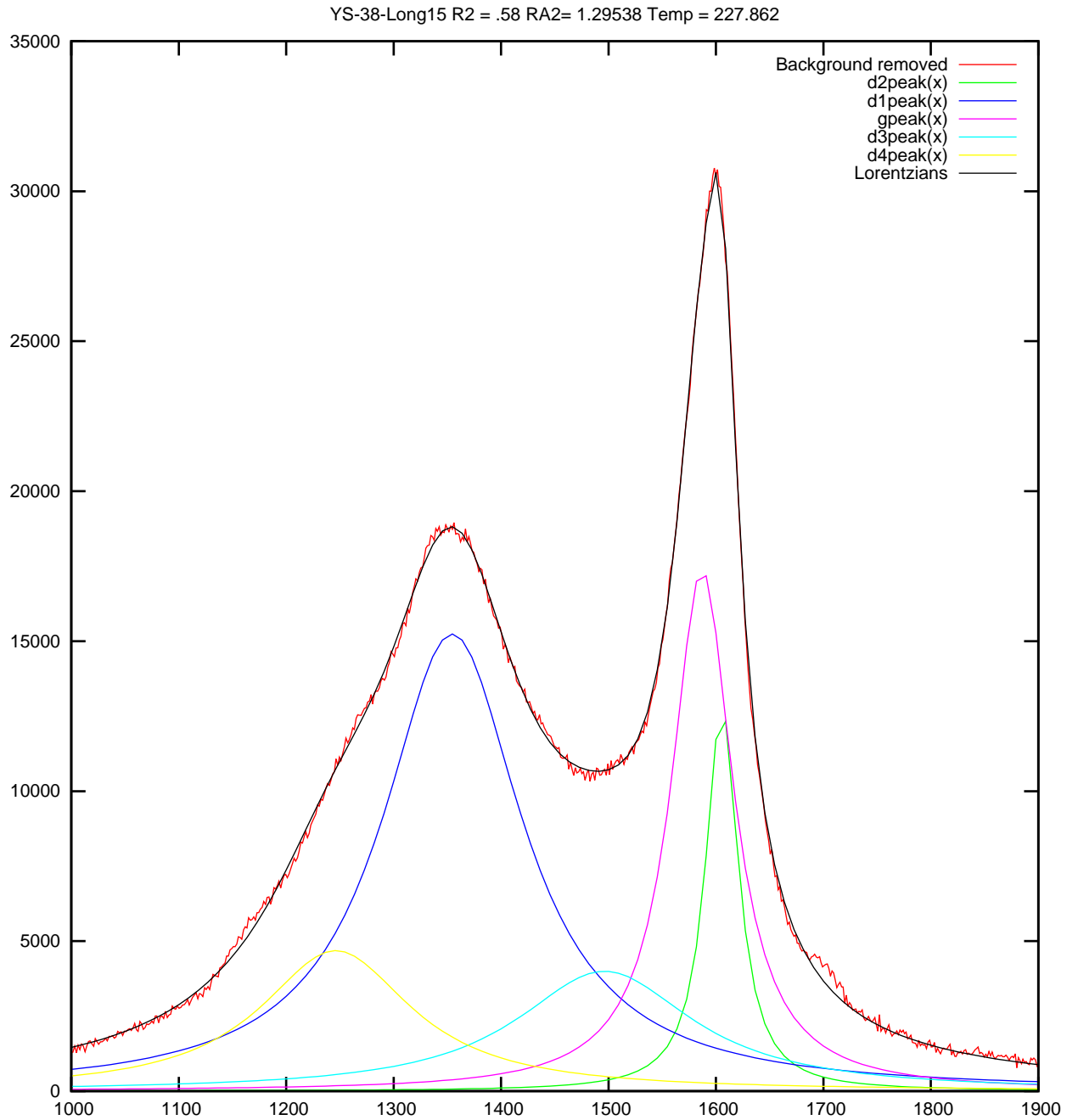
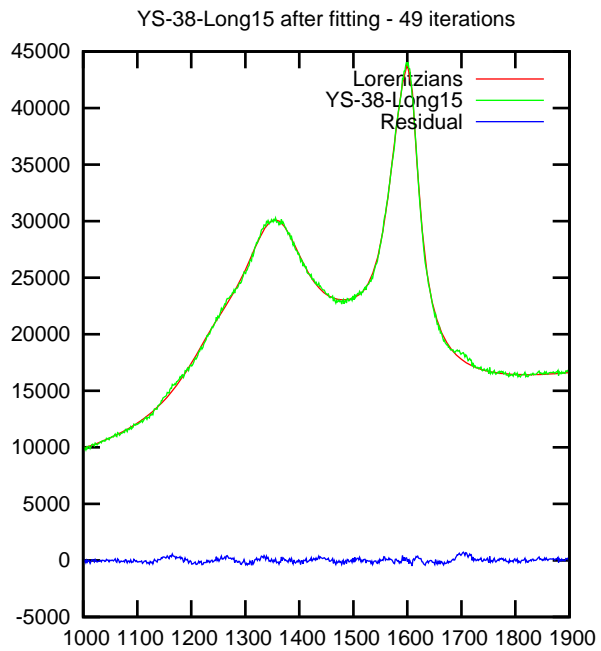
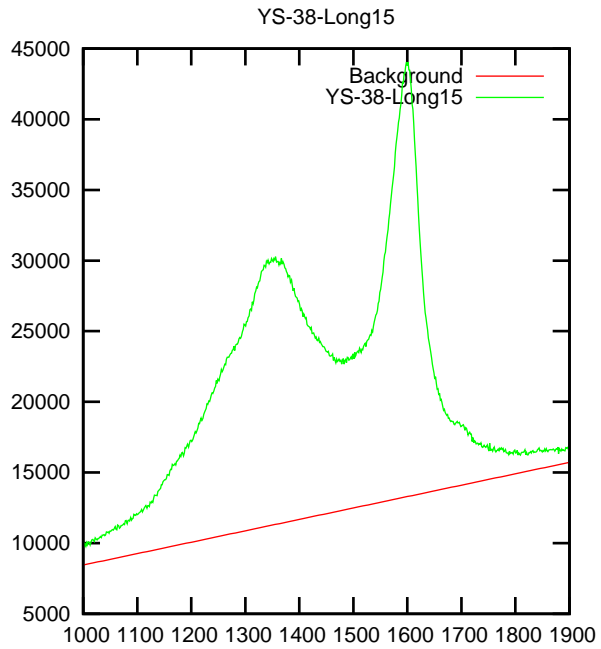


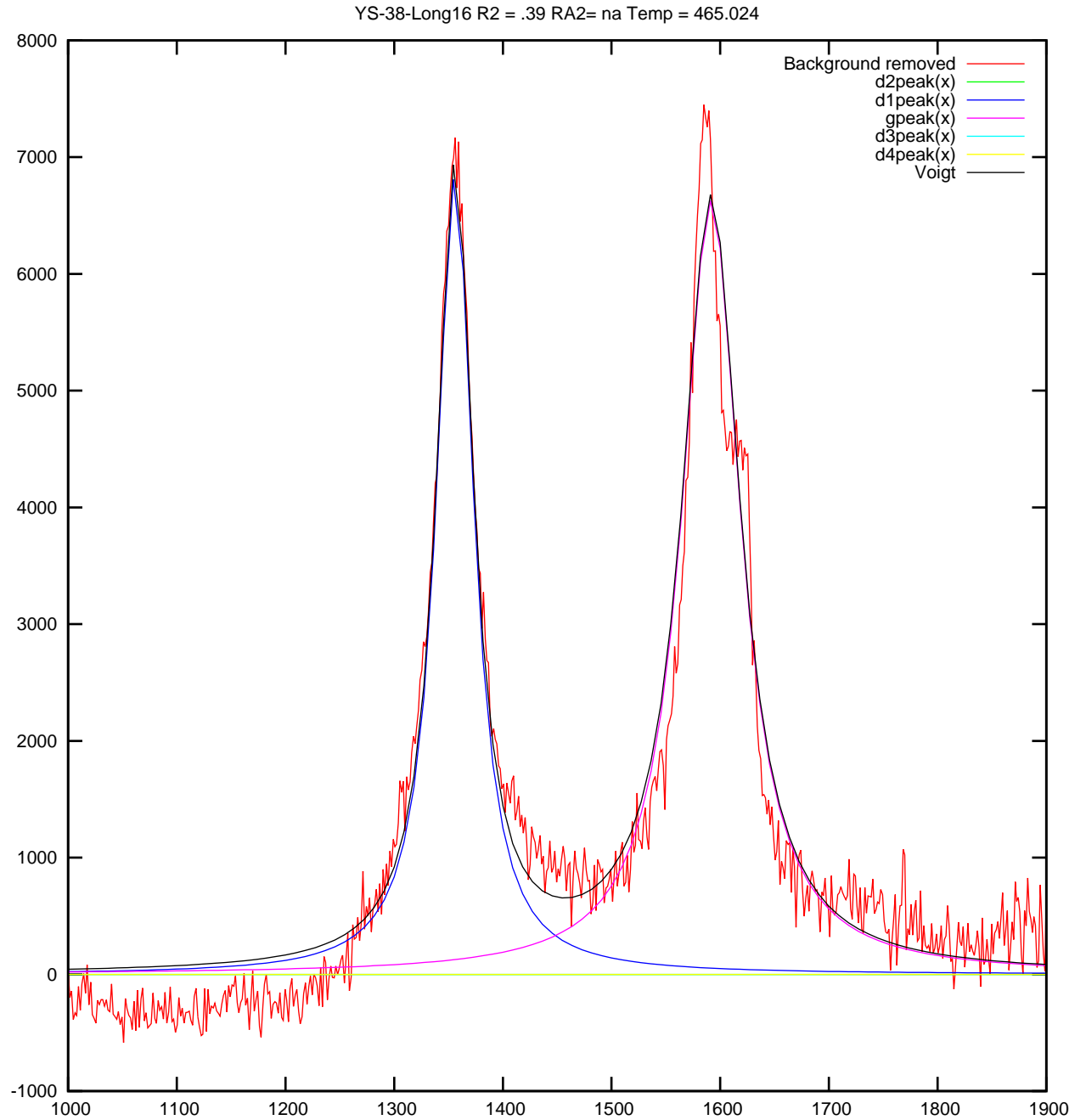
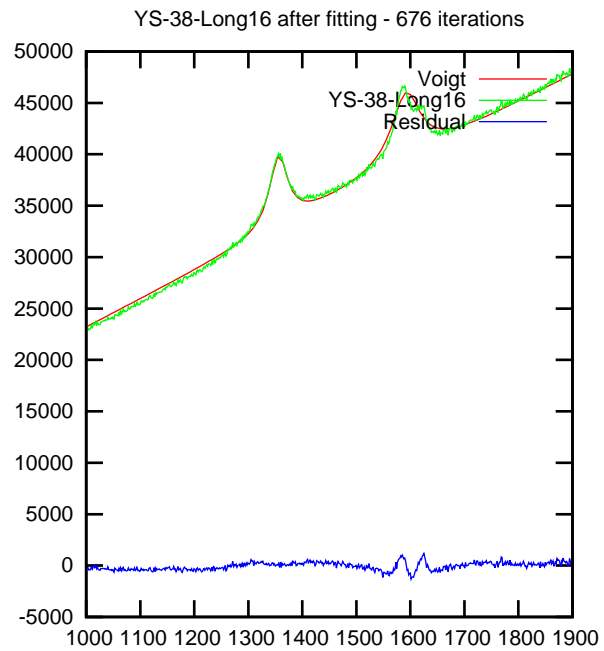
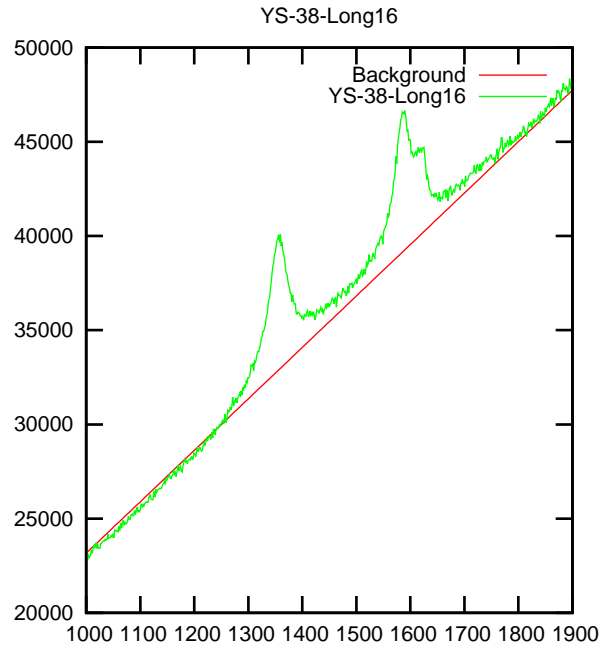


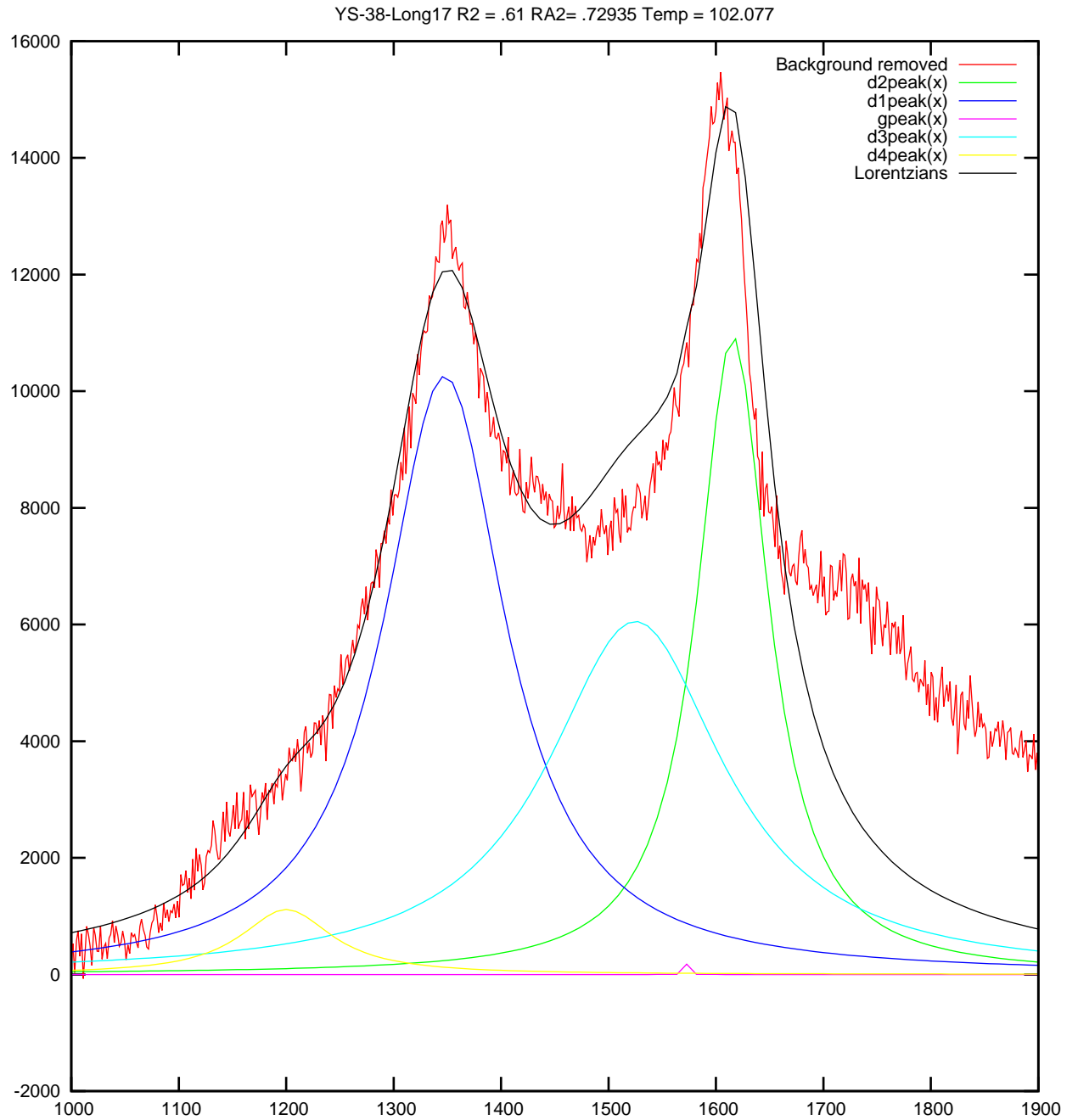
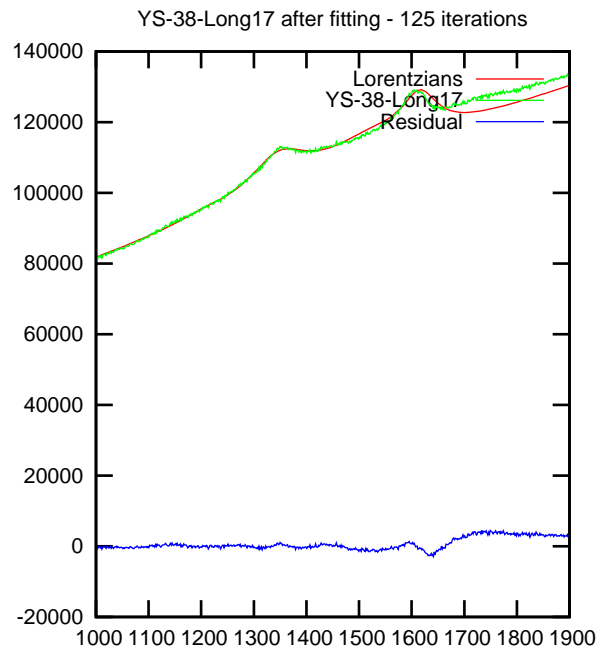
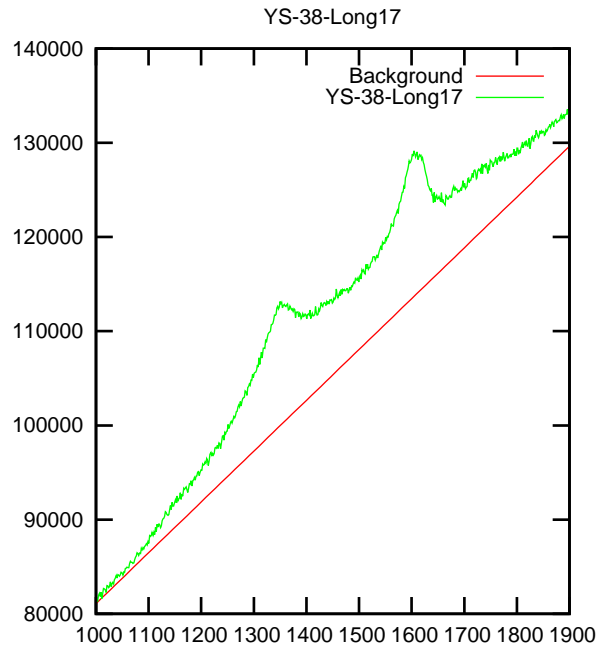


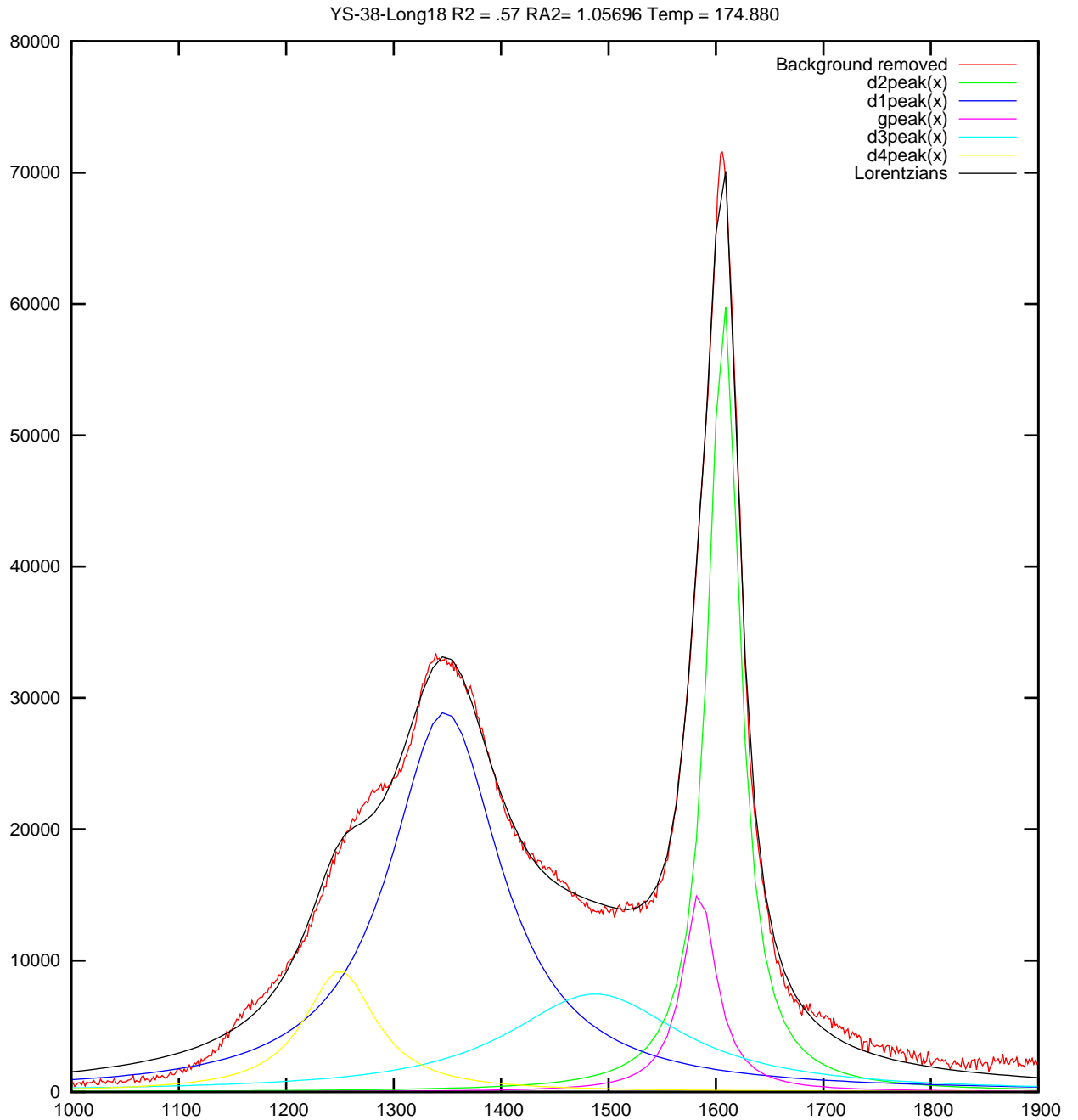
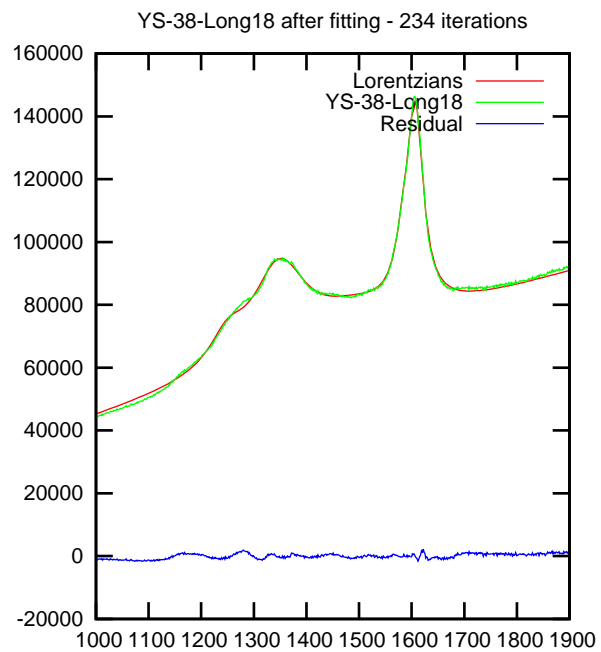
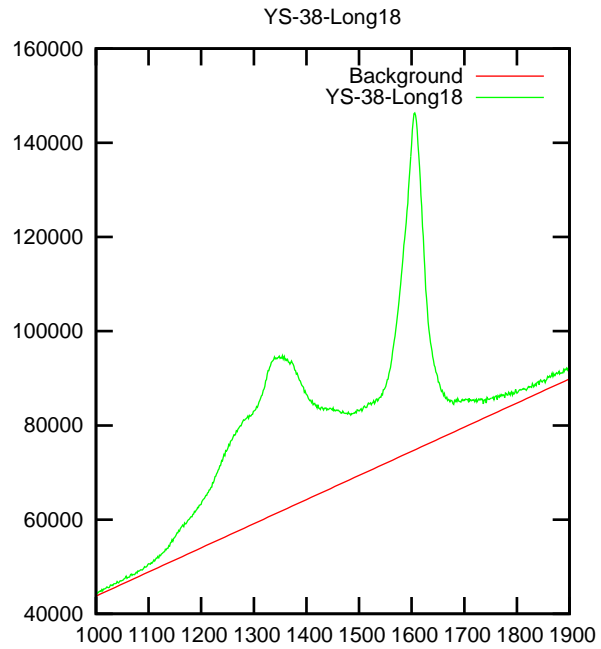




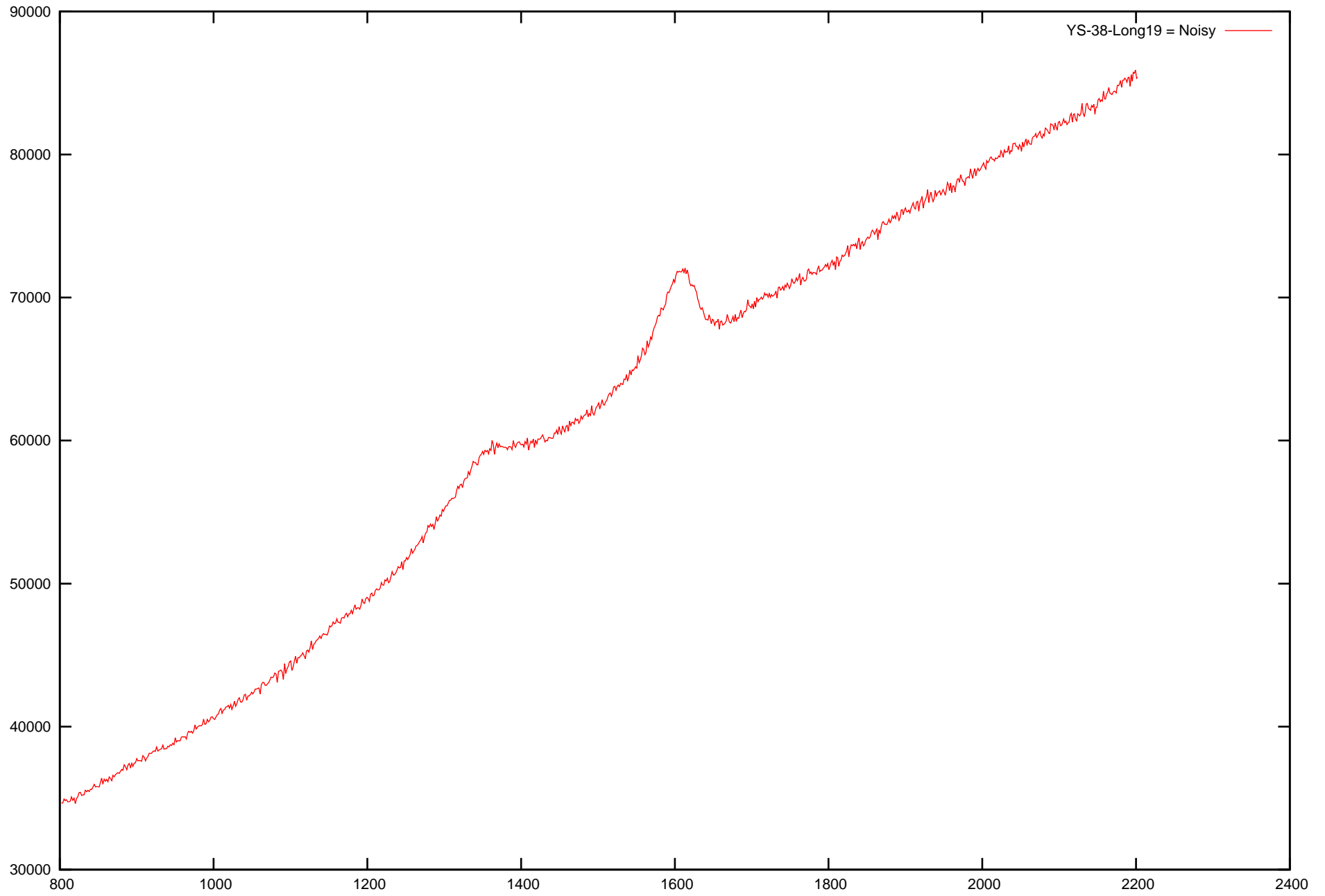


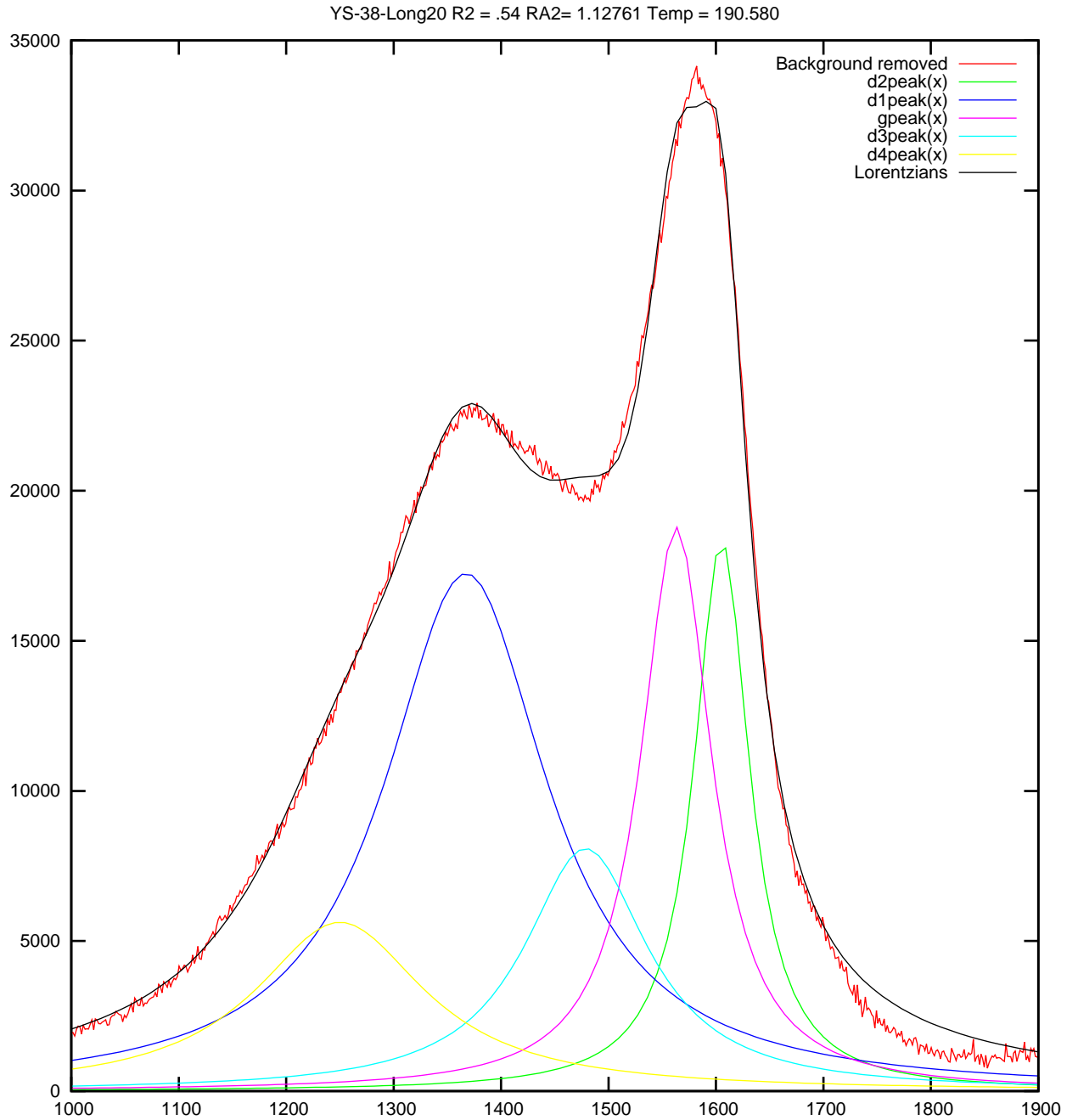
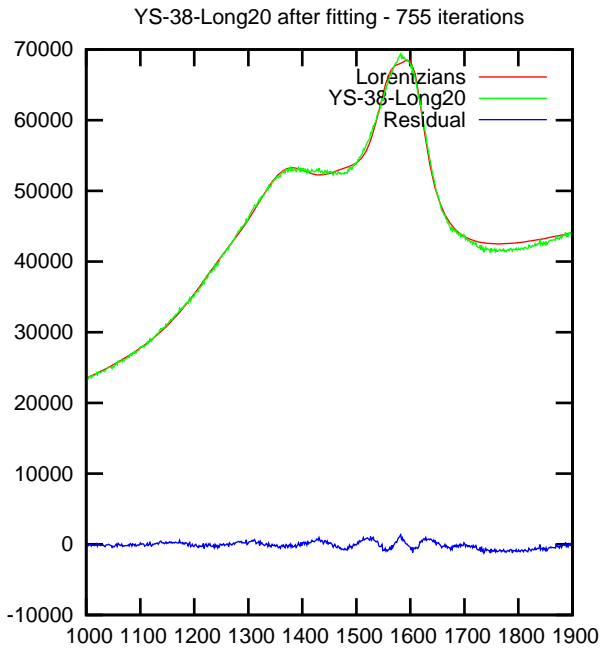
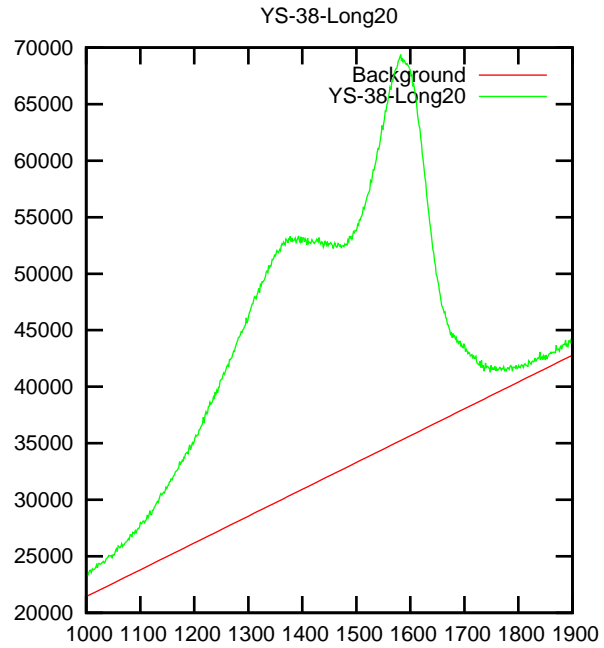




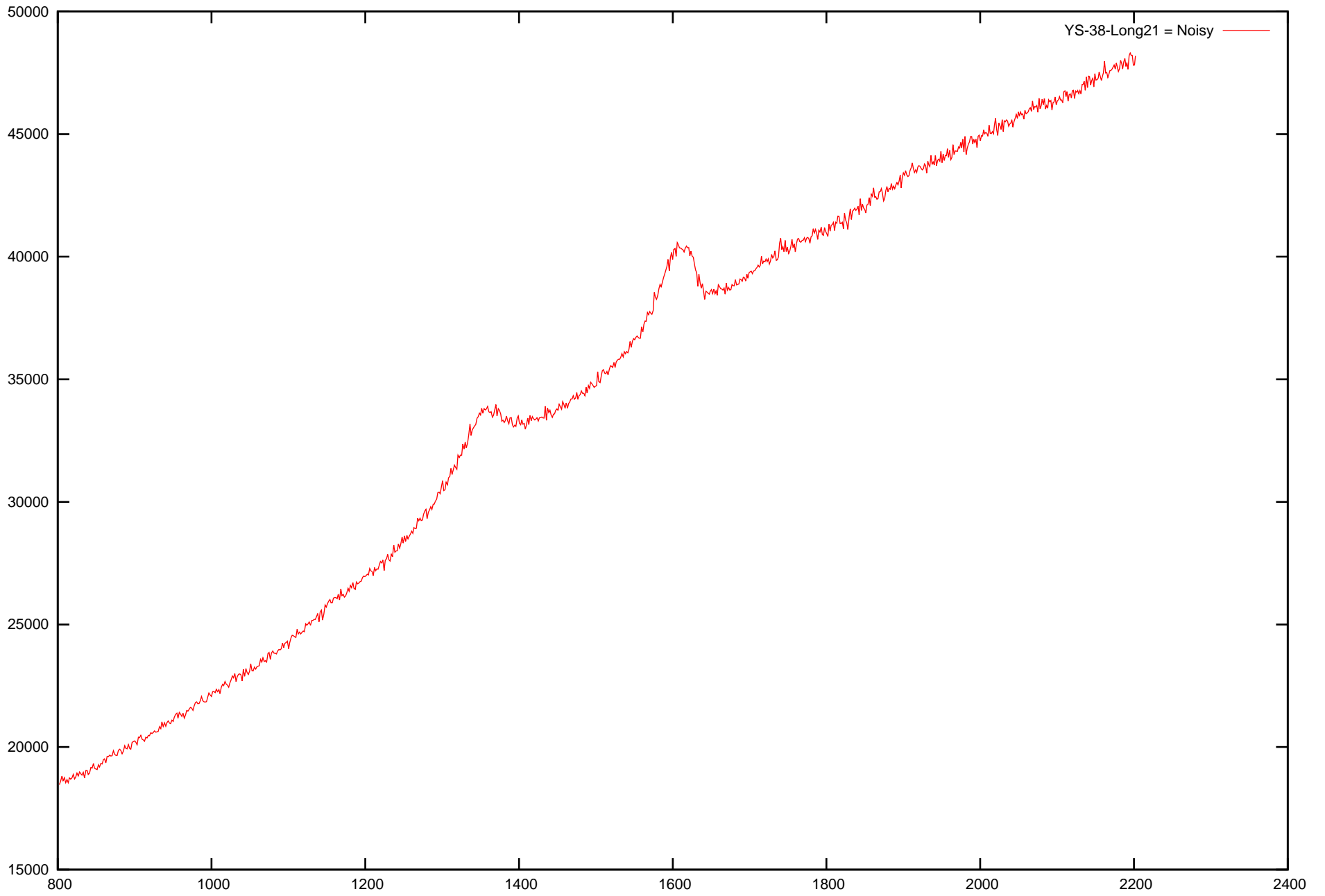


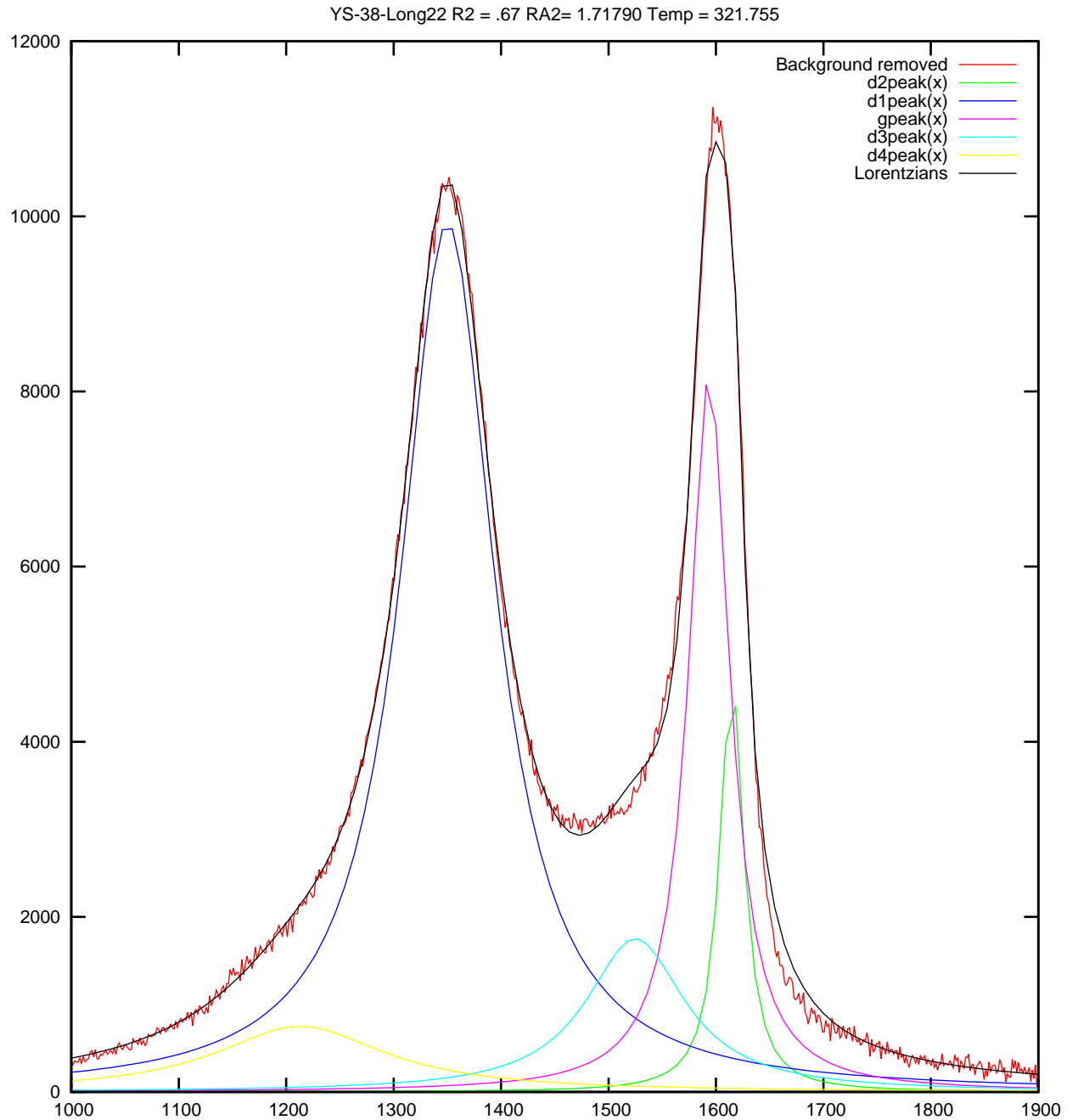
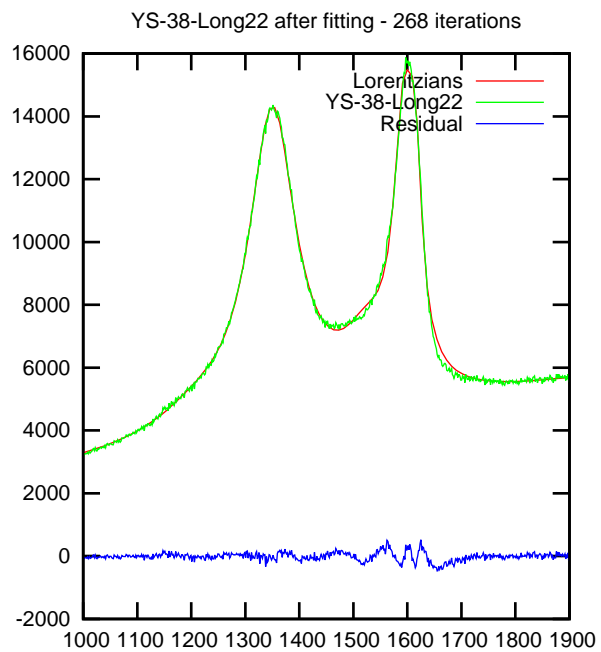
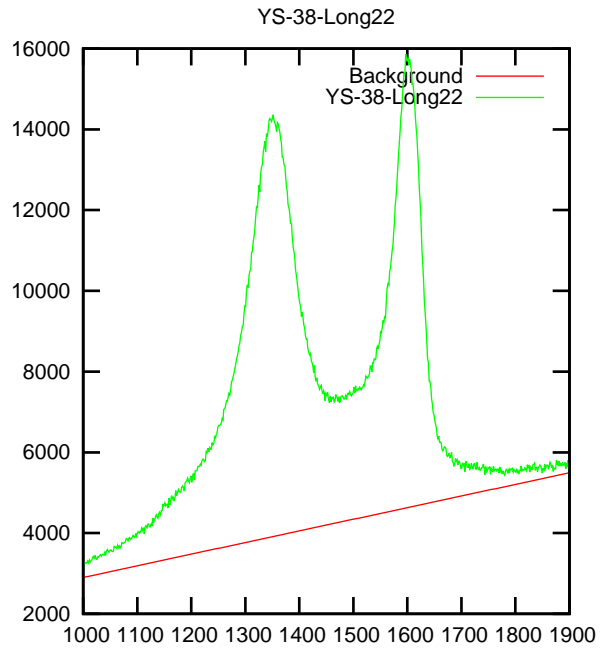
YS-38-Long19 = Noisy

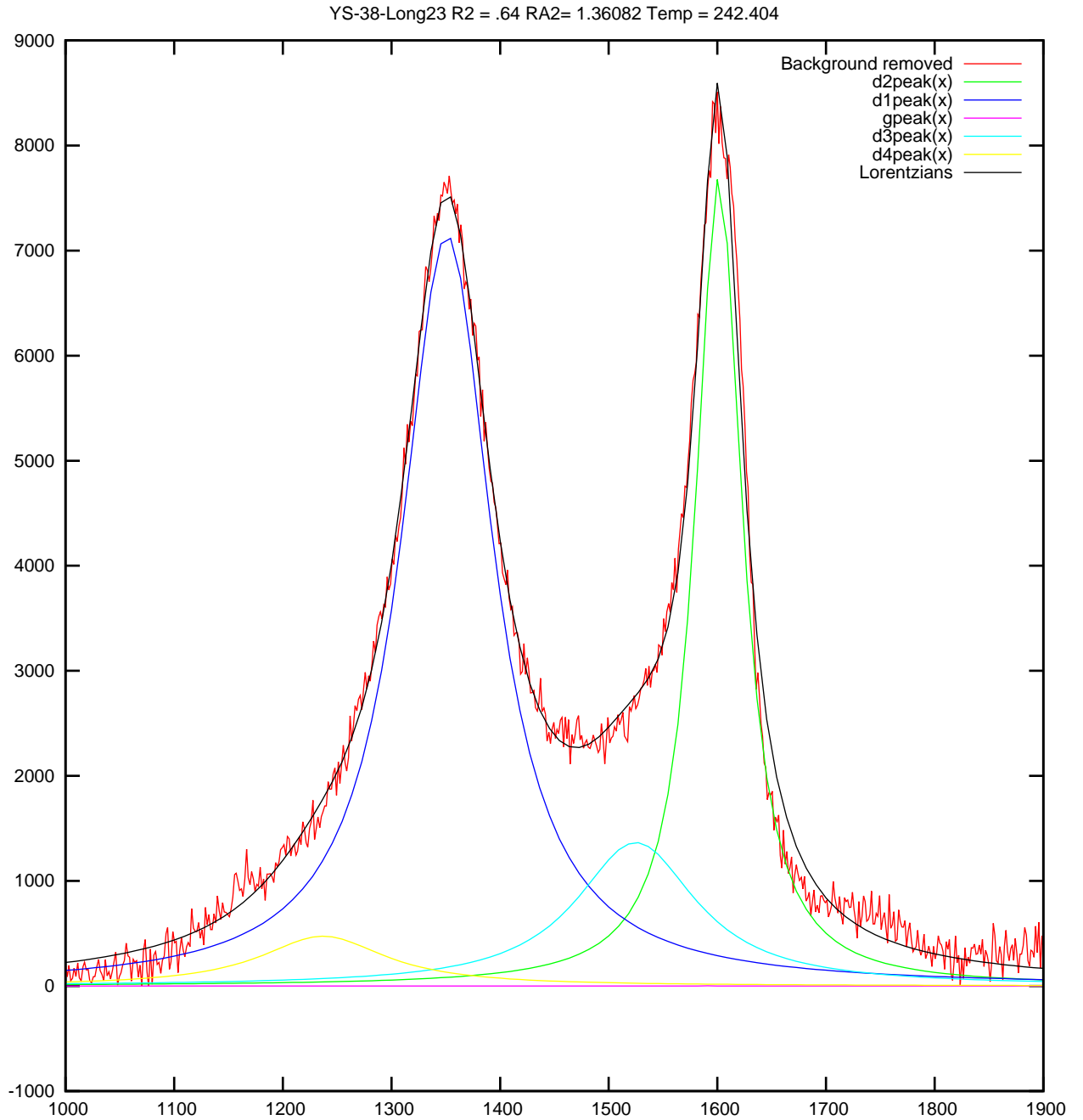
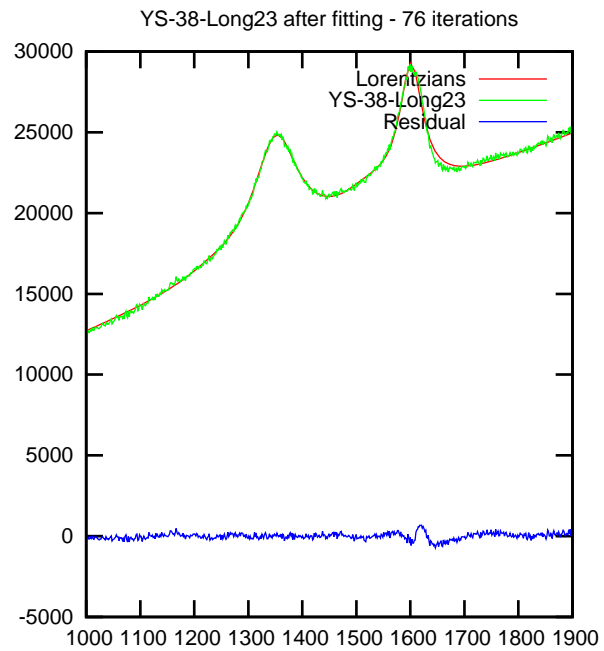
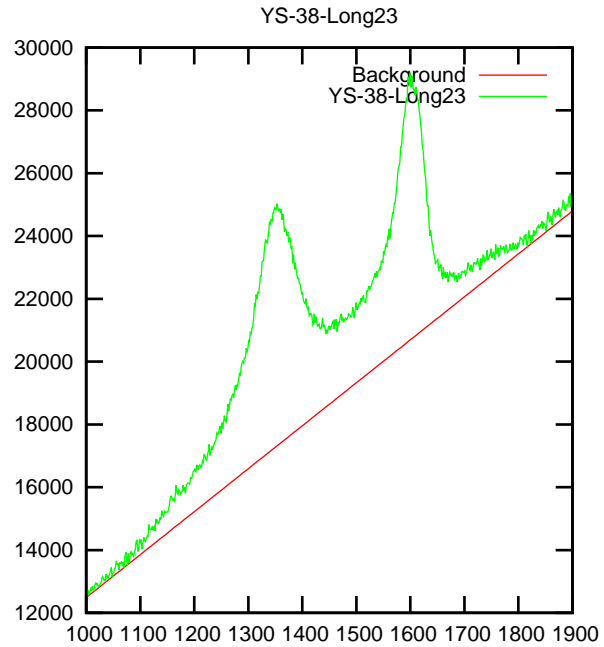


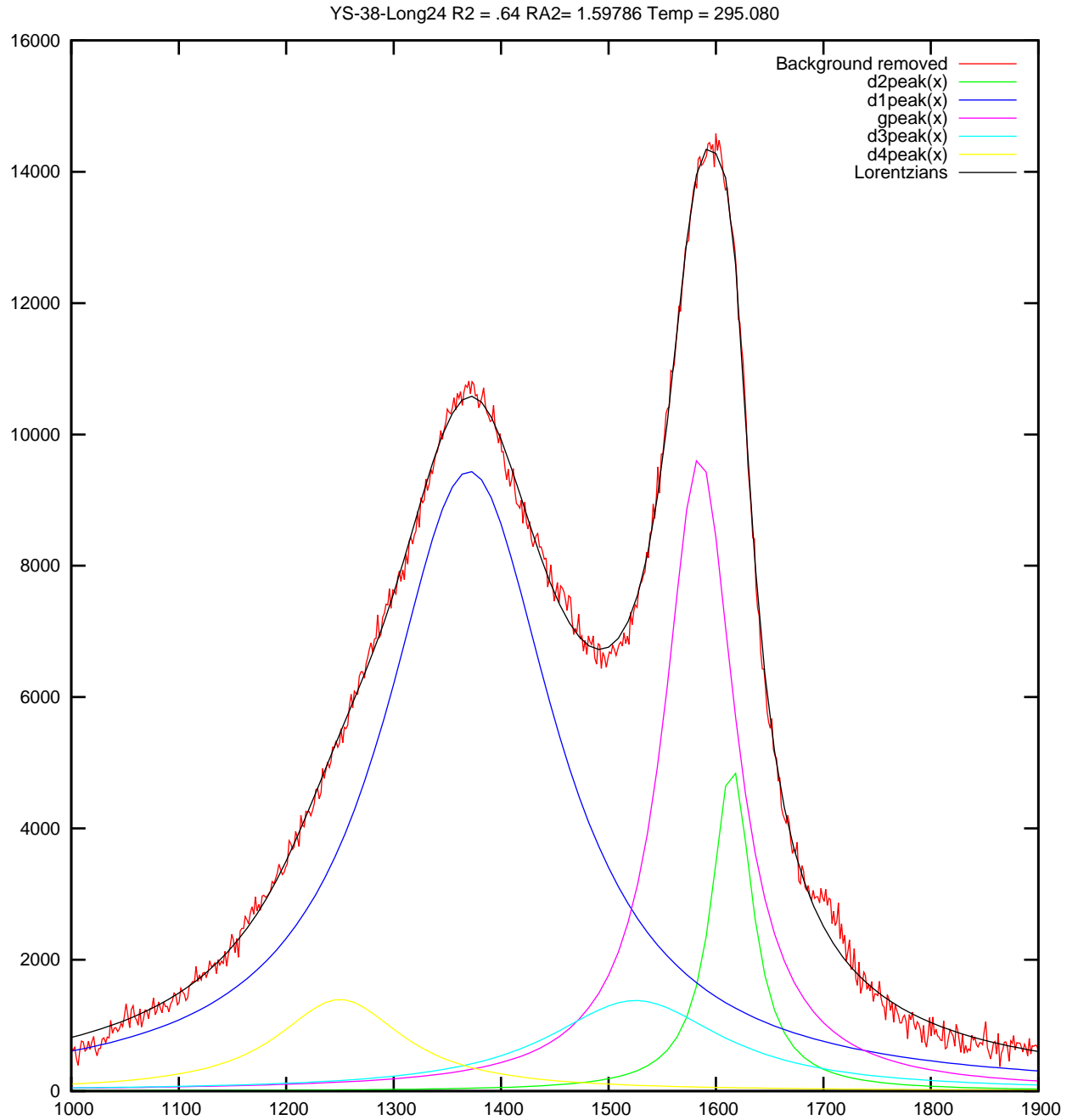
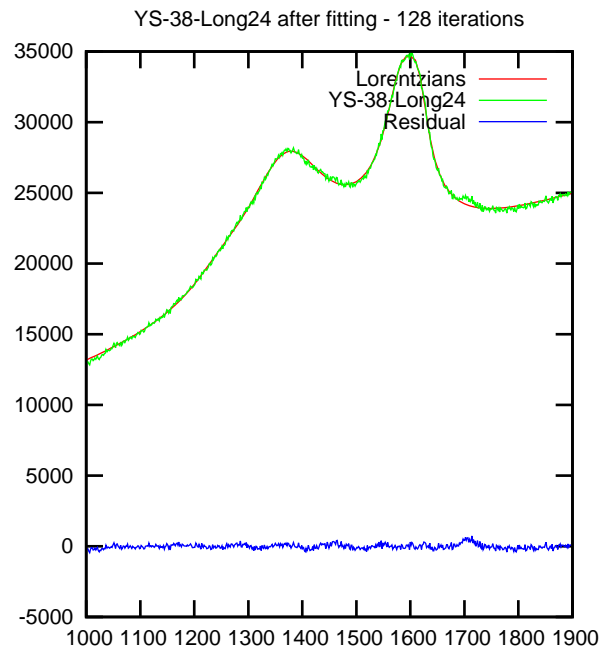
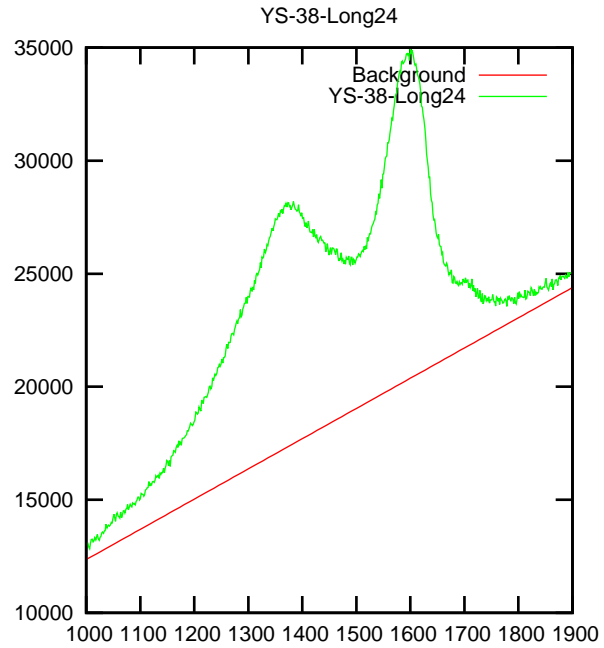


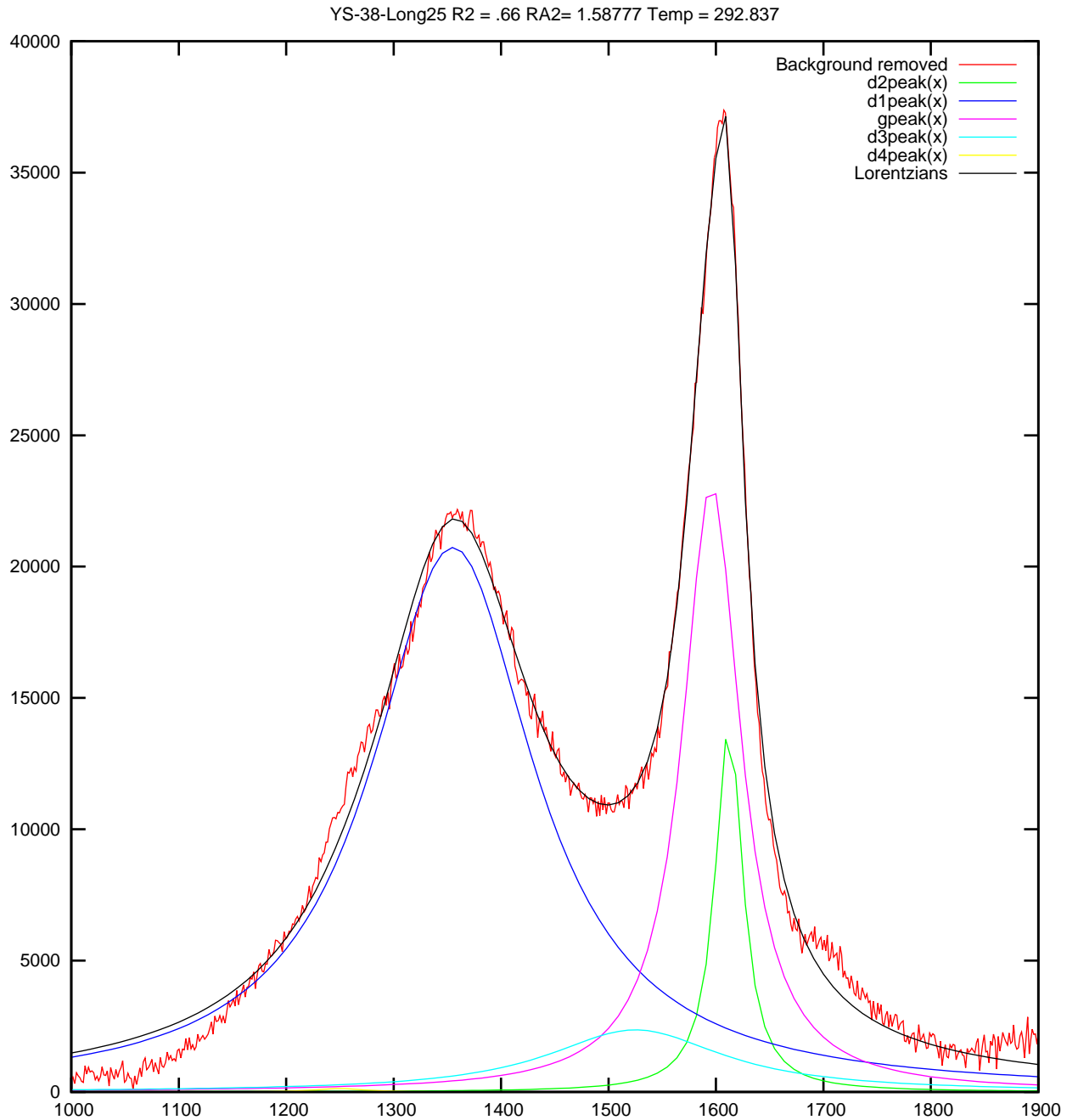
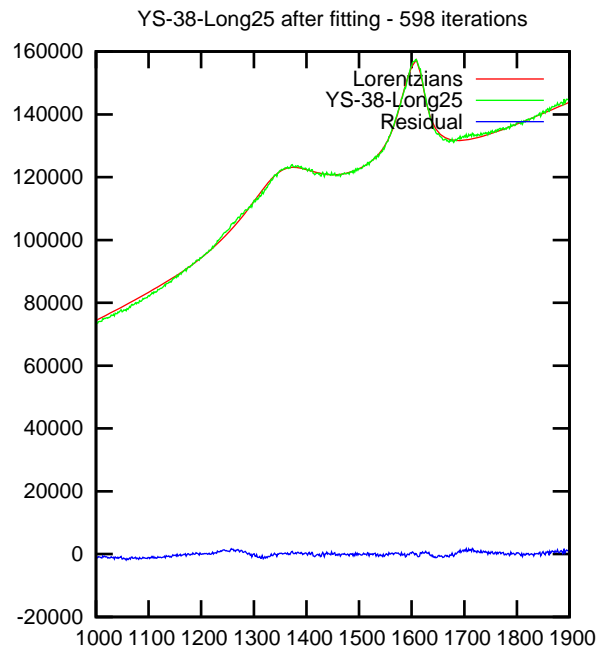
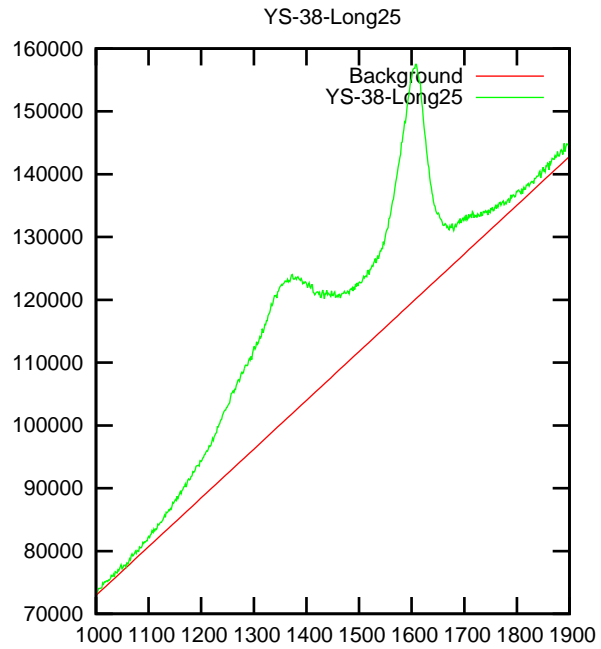
YS-38-Long21 = Noisy

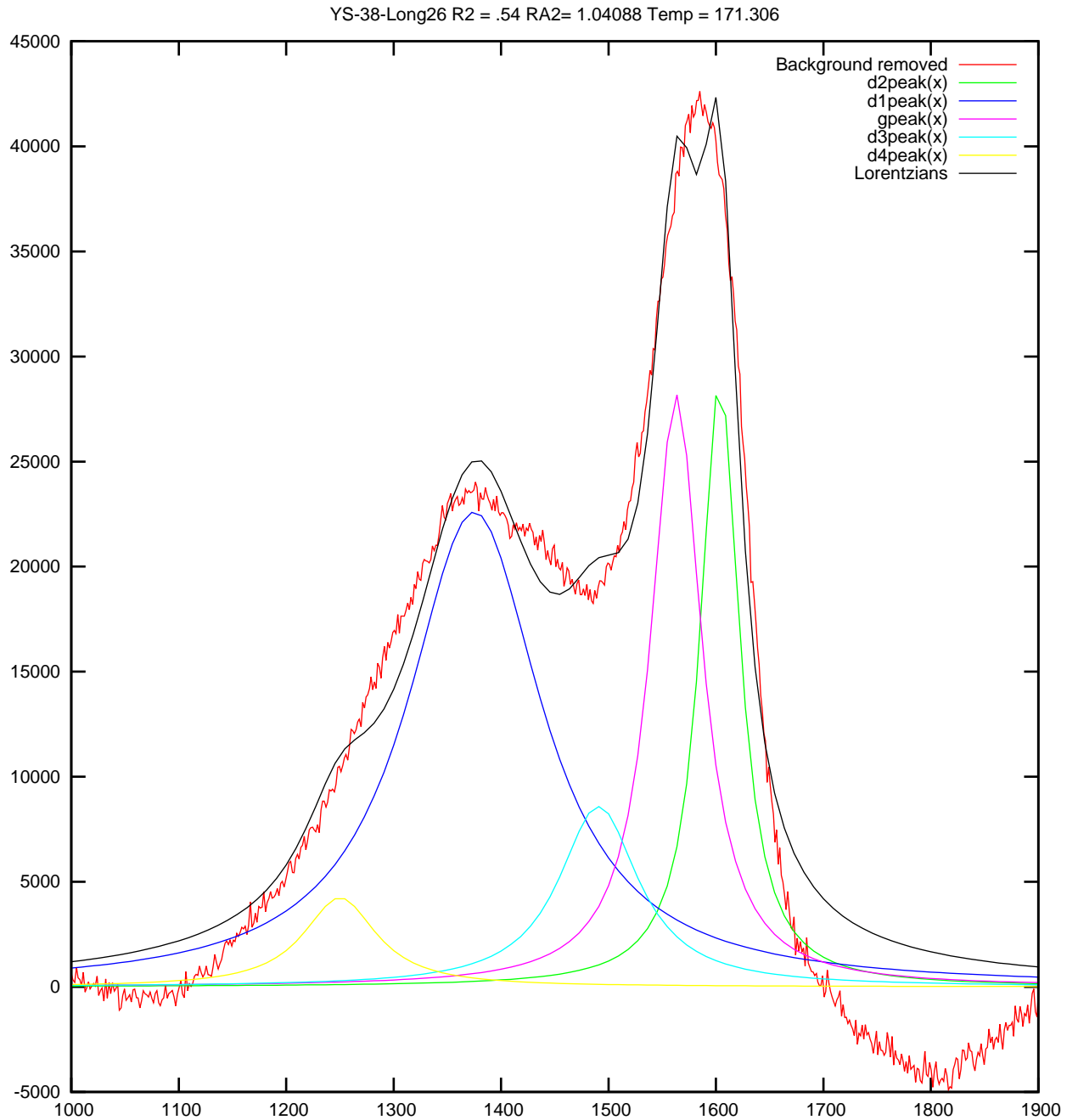
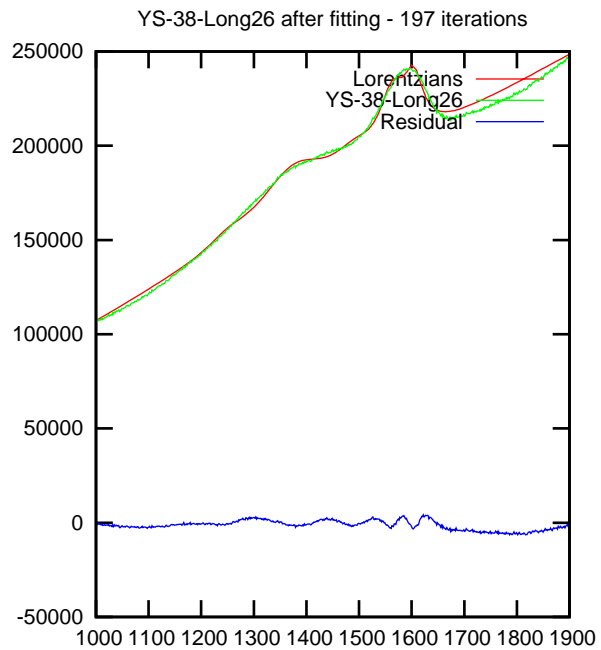
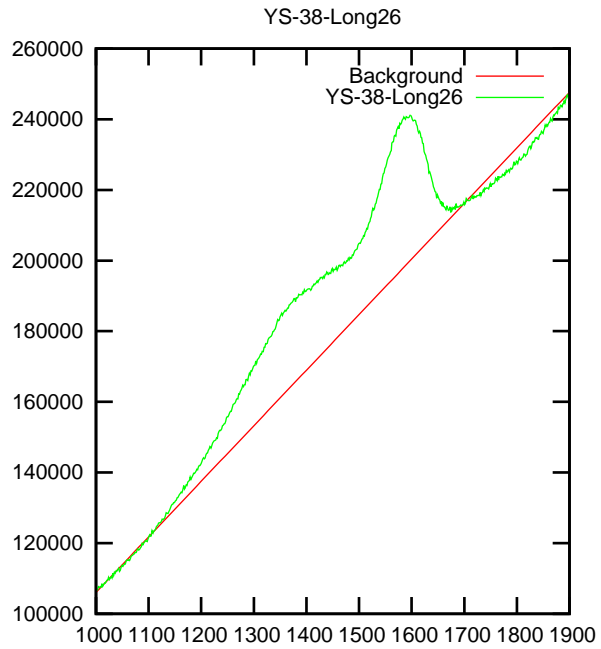


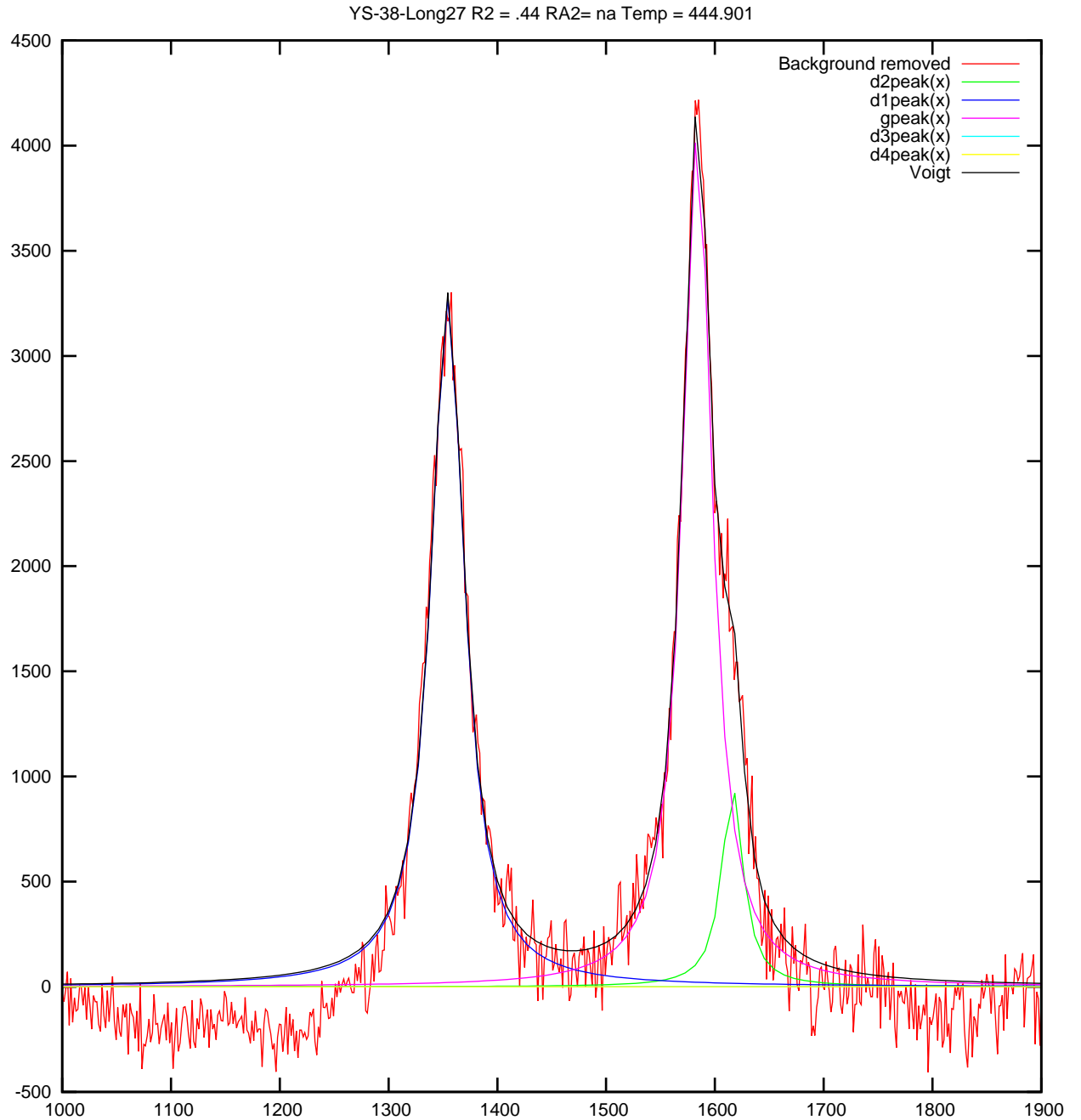
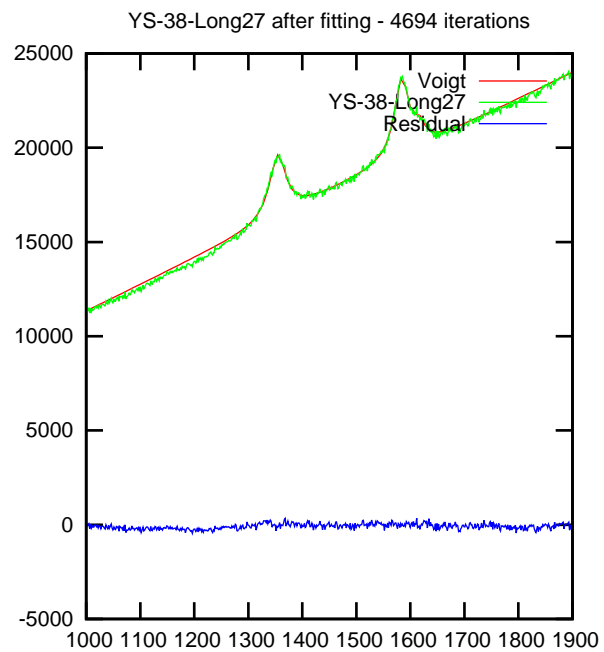
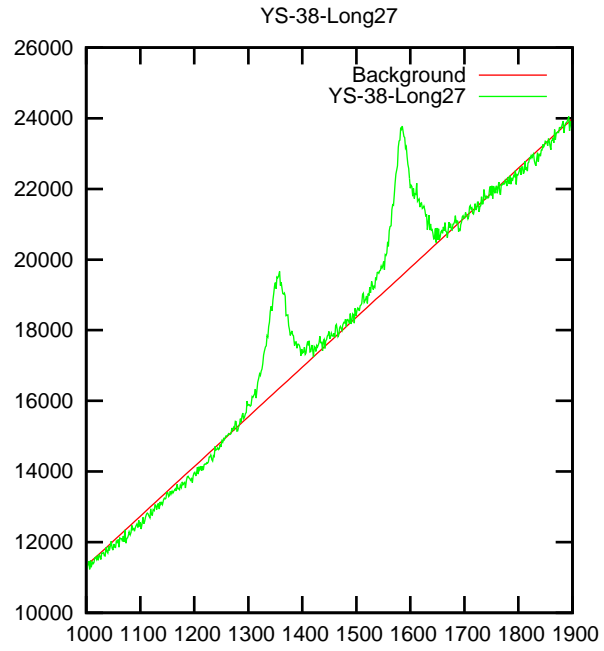


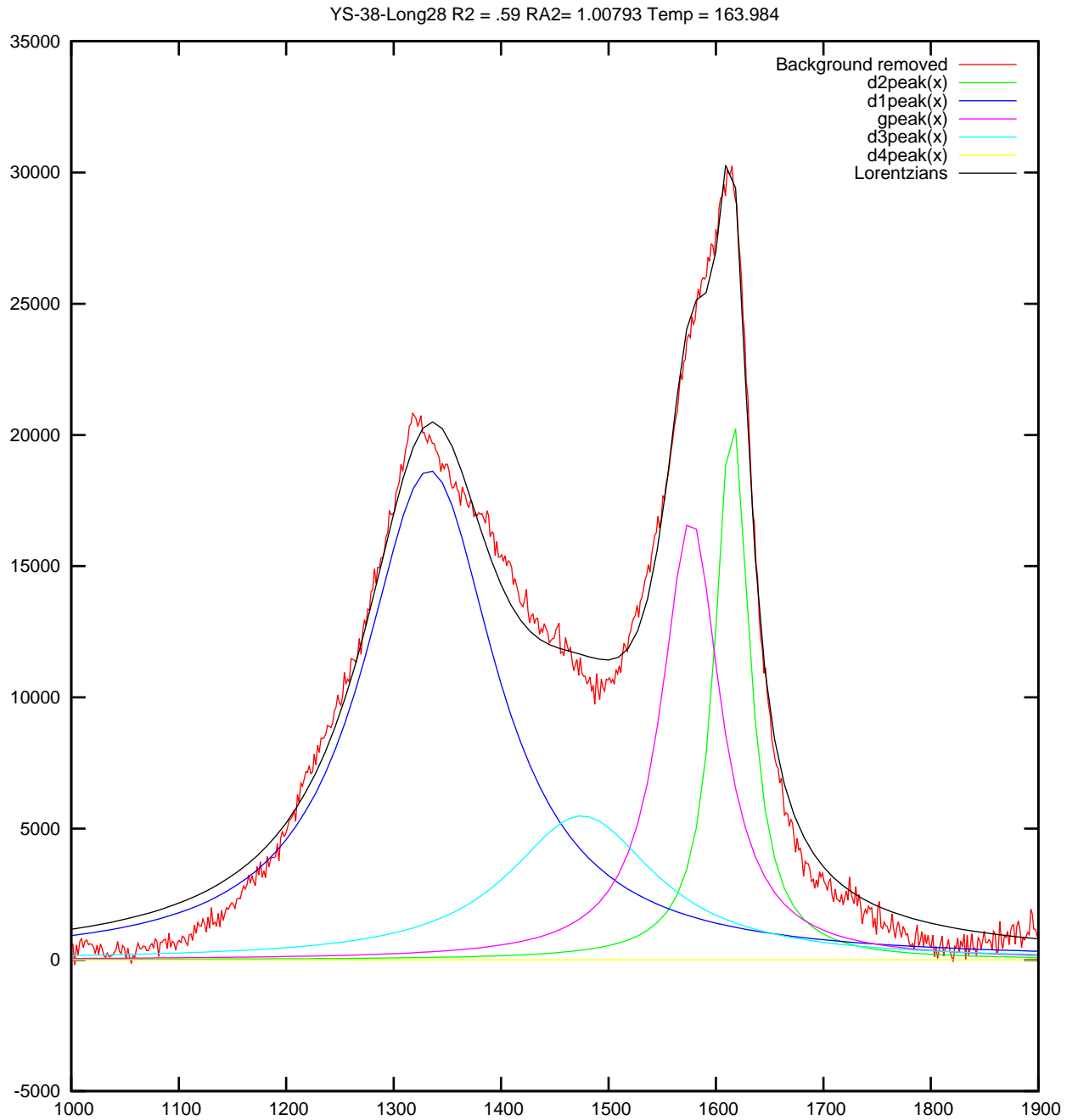
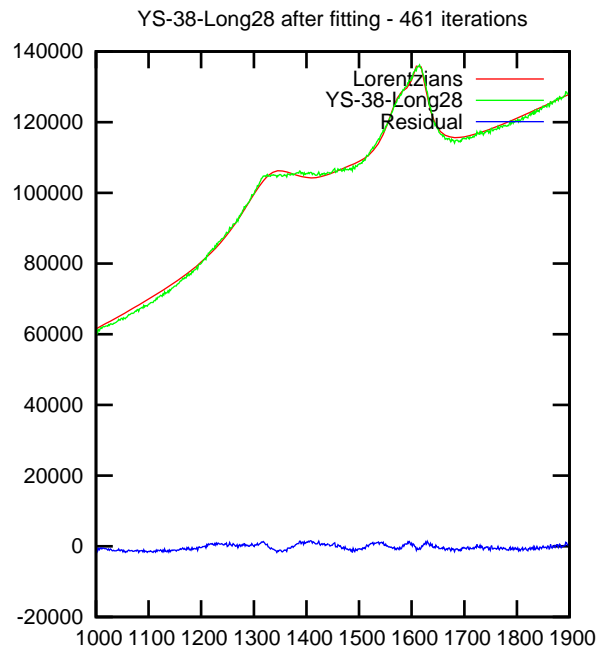
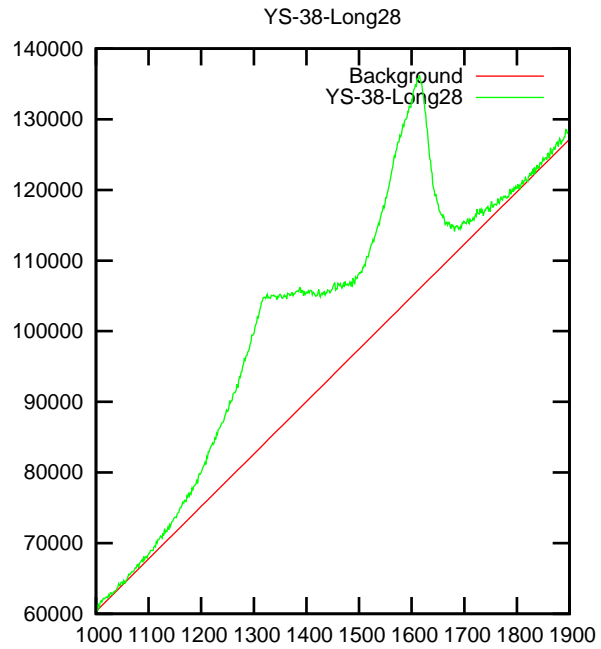




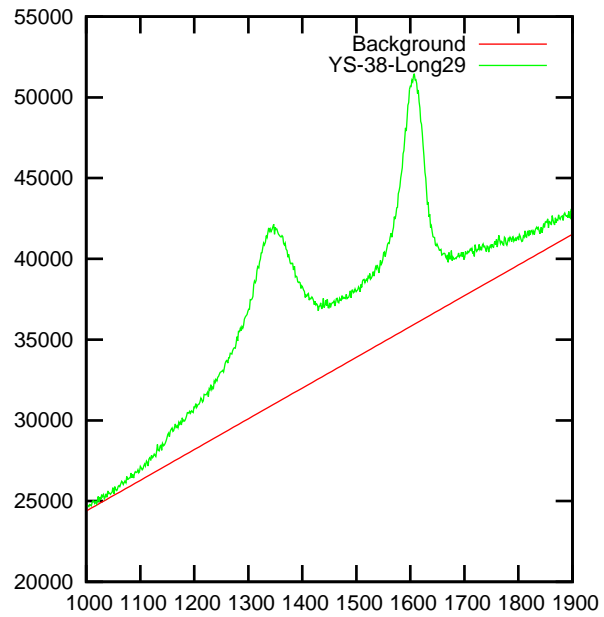




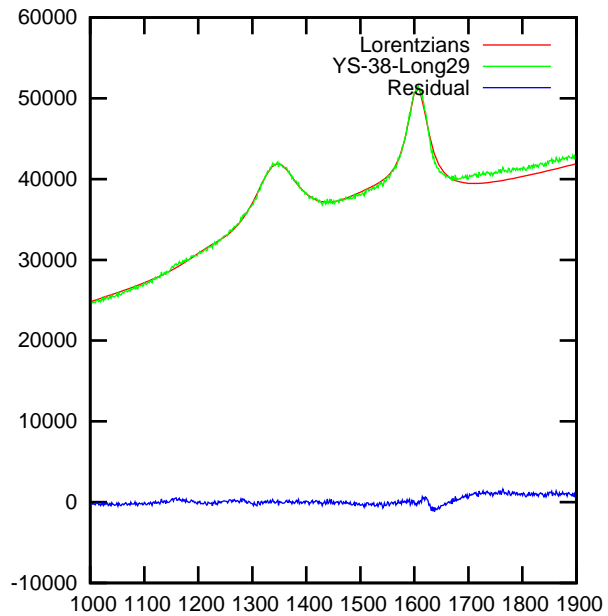




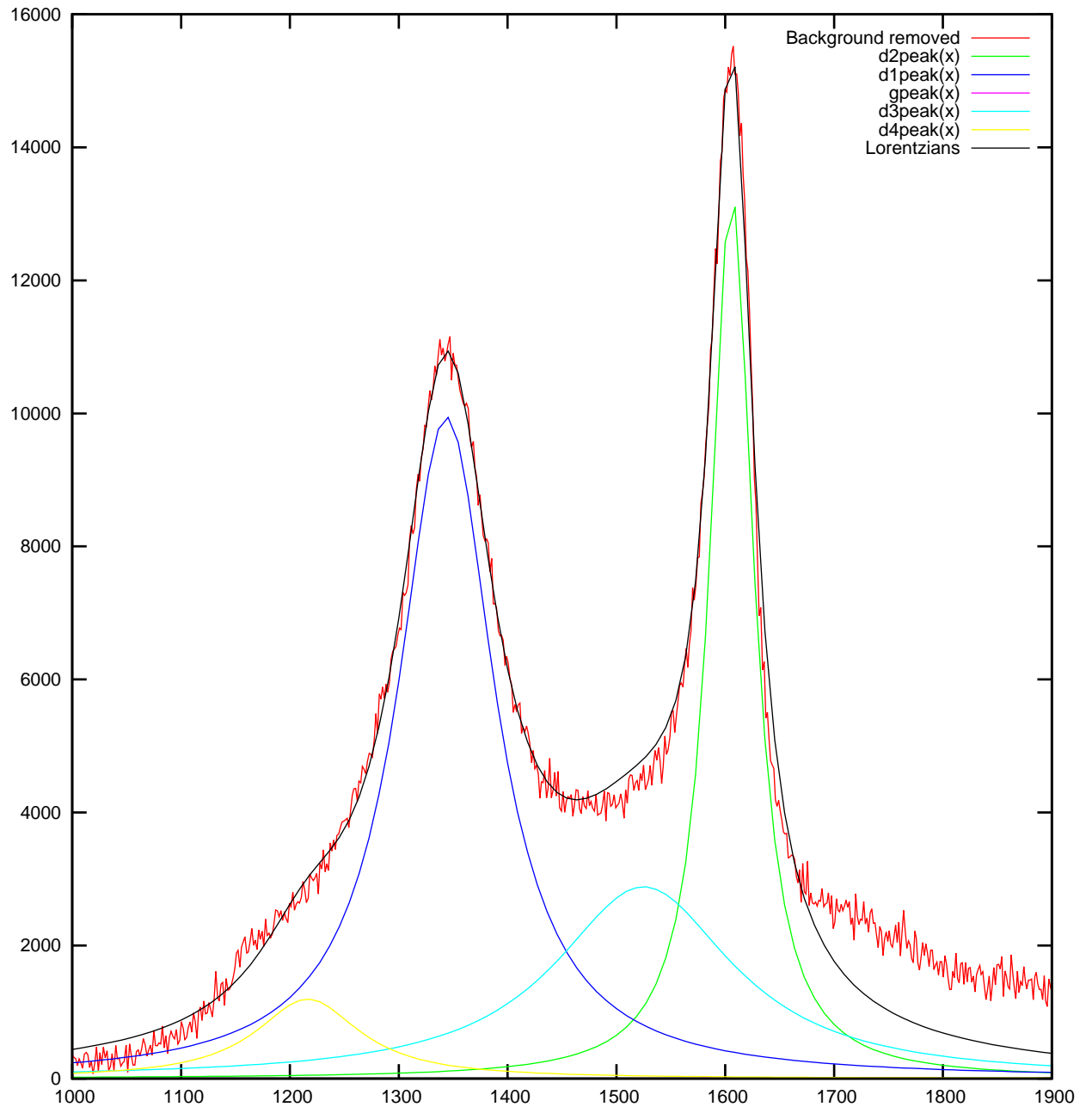
YS-38-Long29

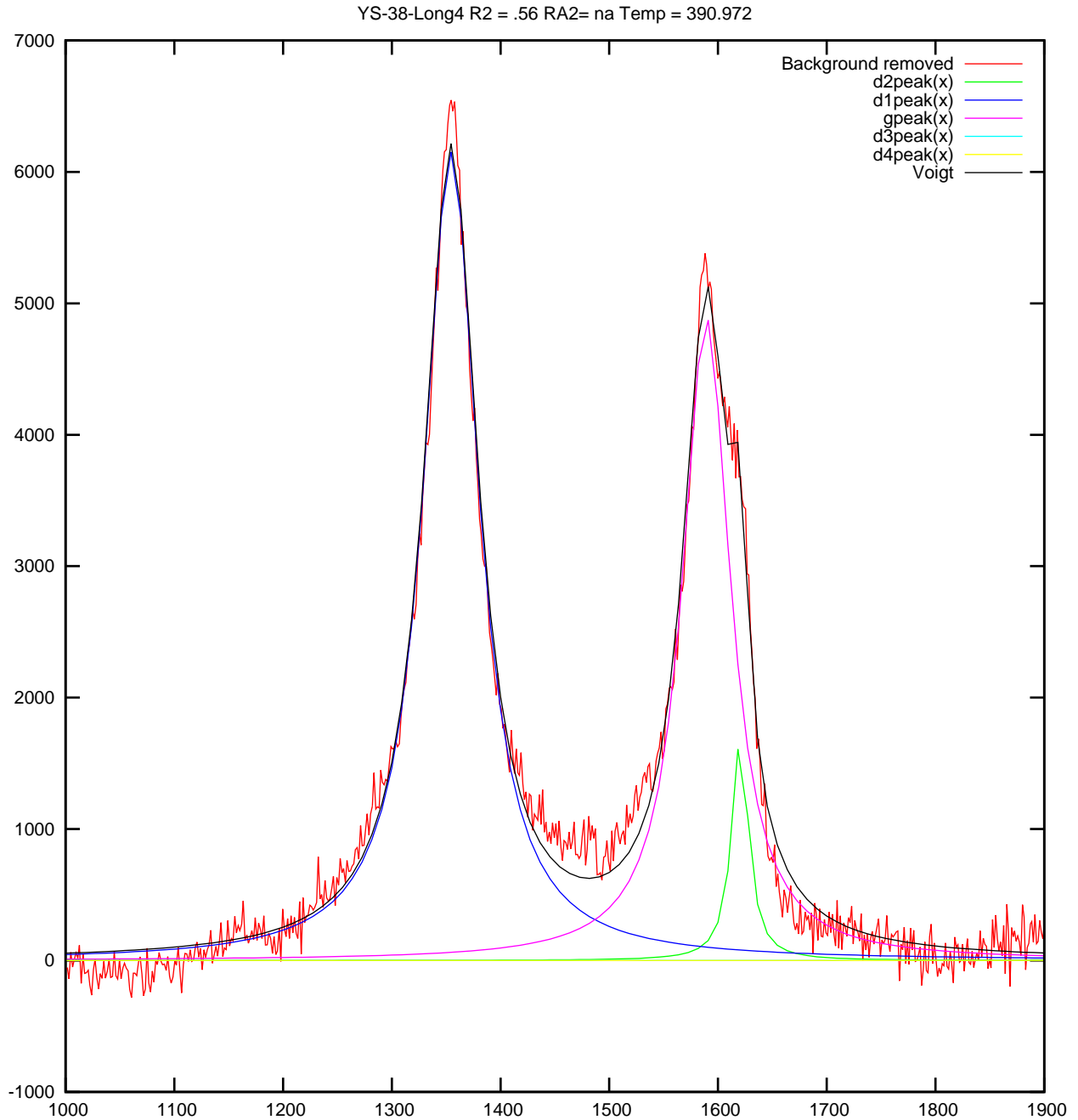
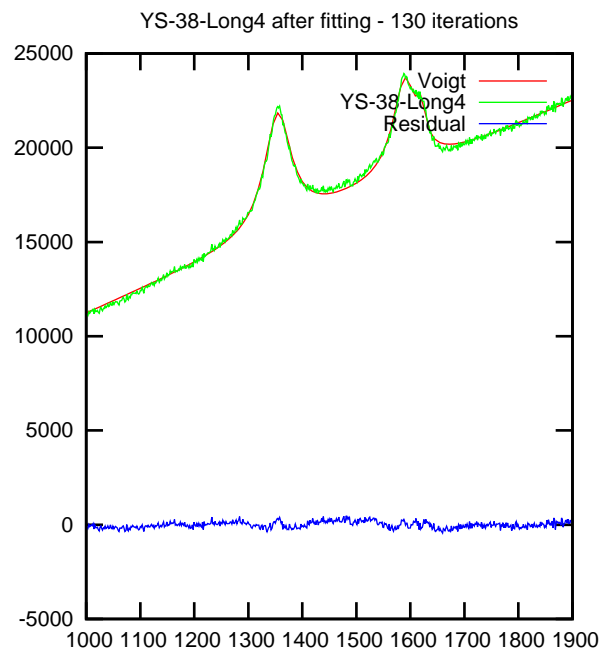
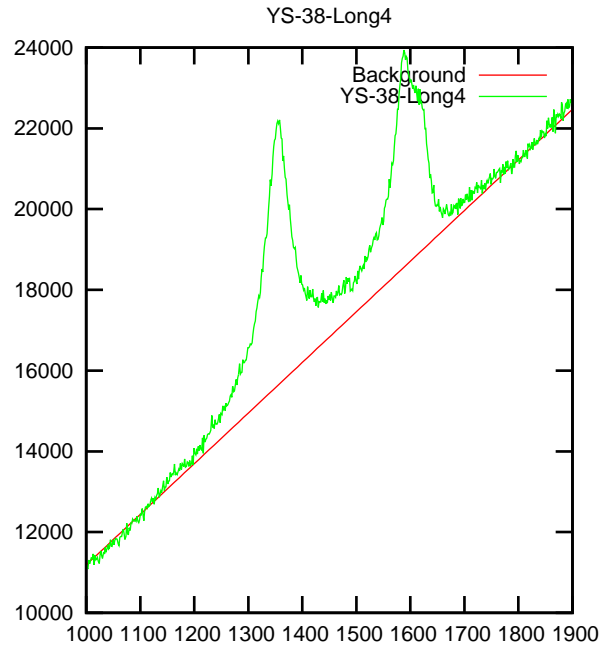


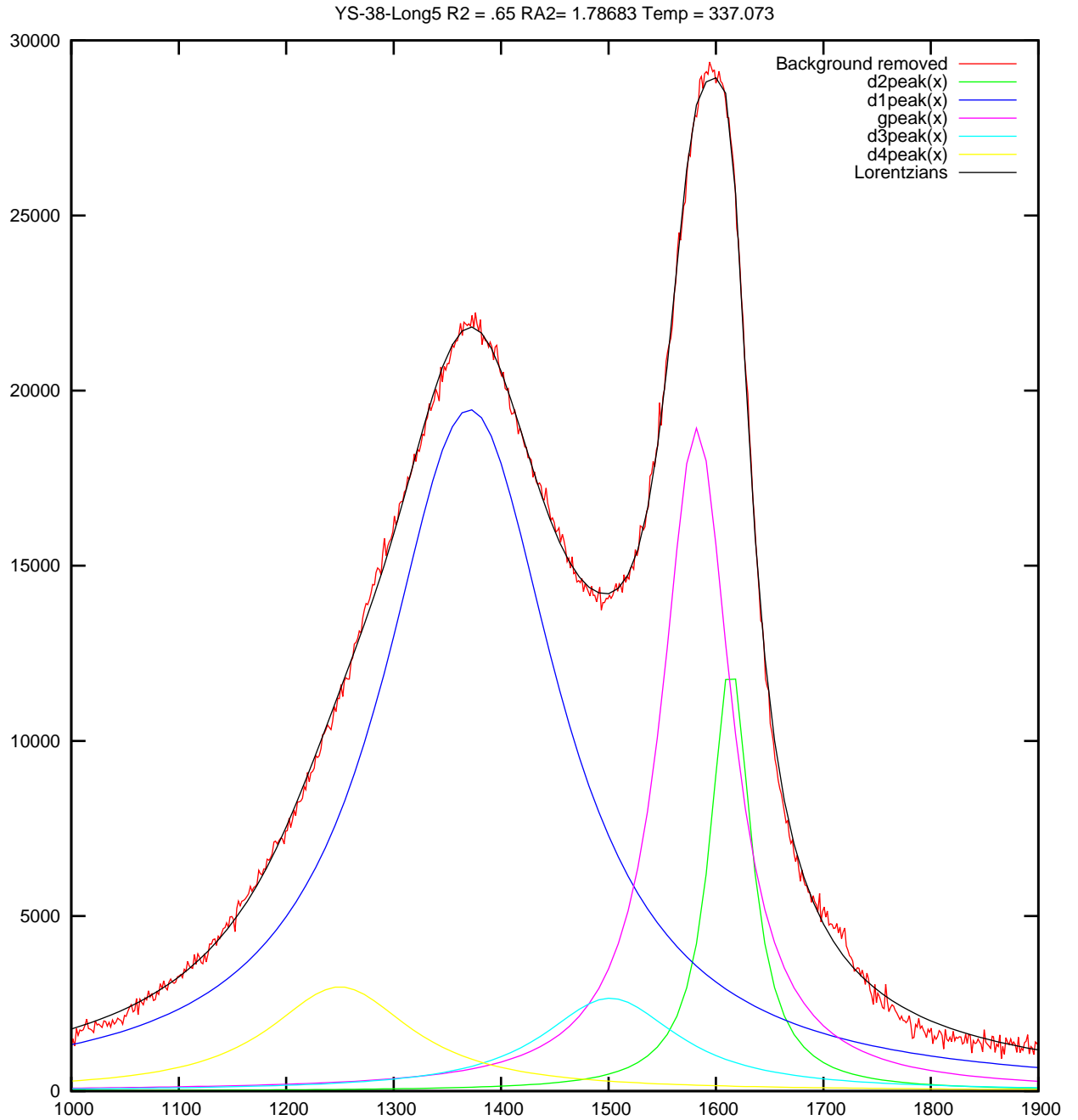
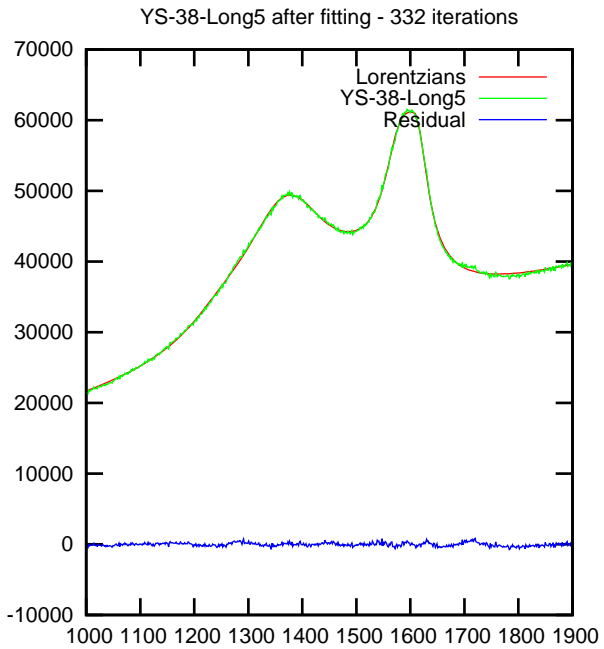
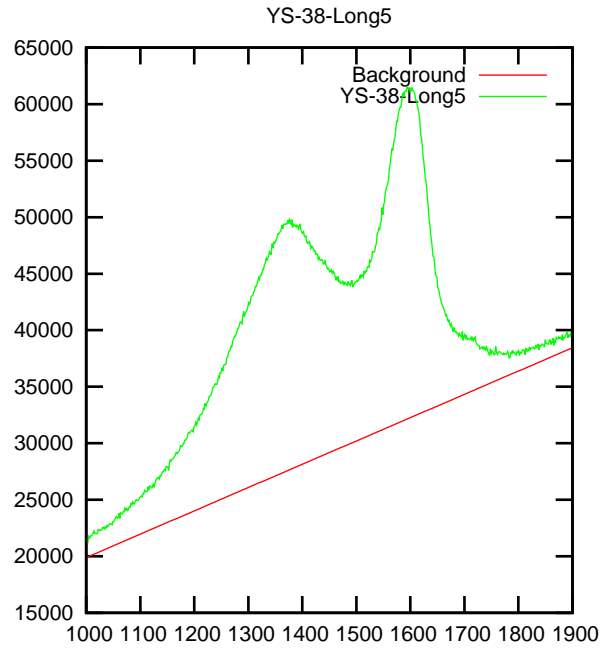
YS-38-Long29 after fitting - 123 iterations

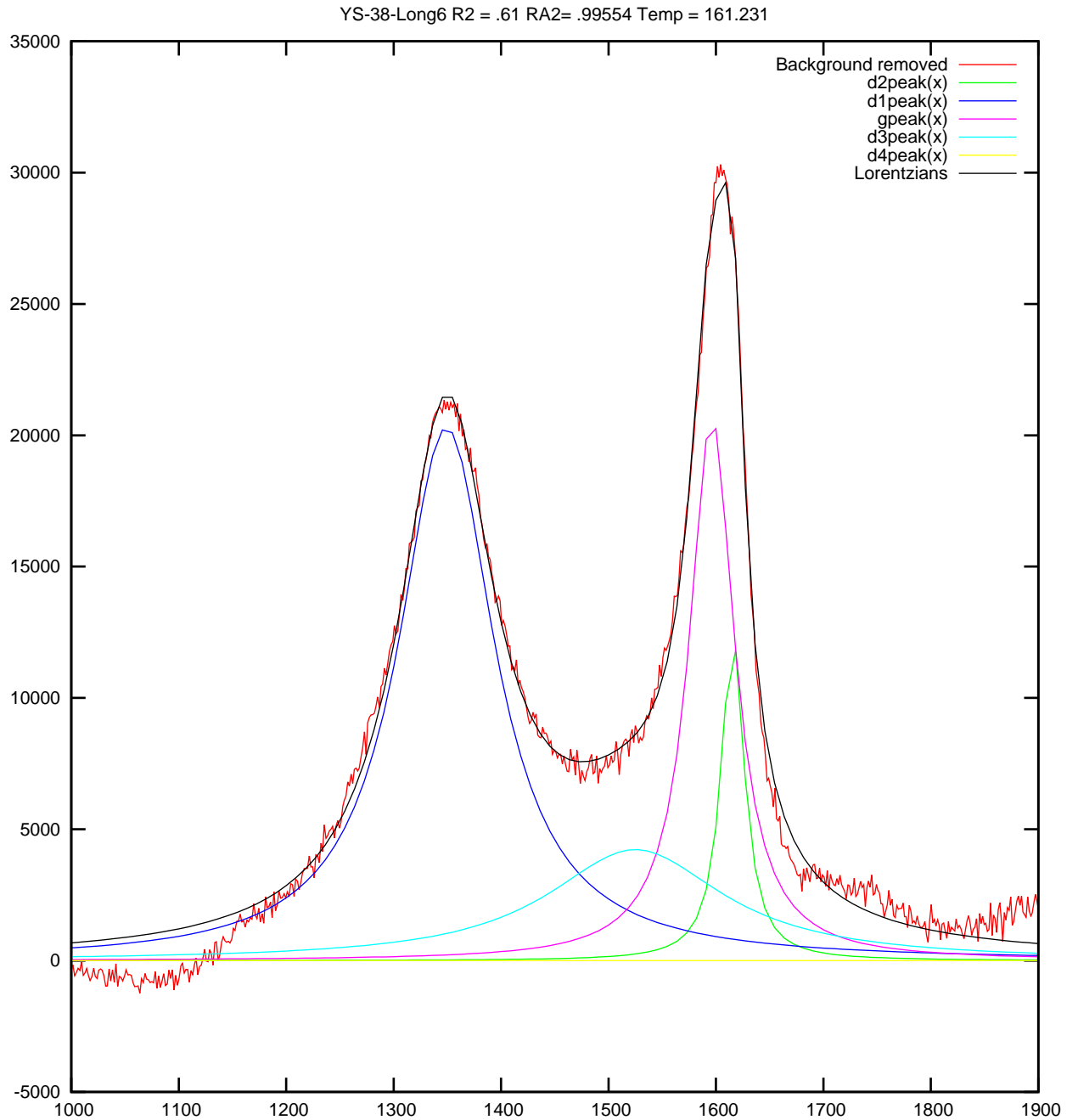
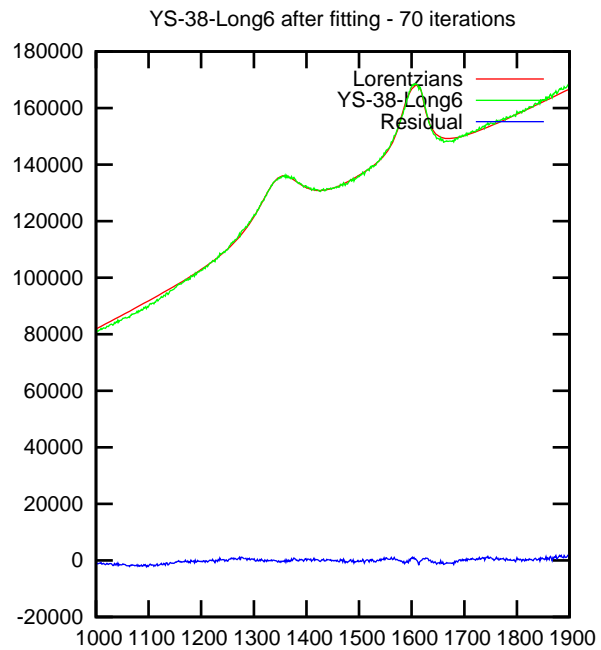
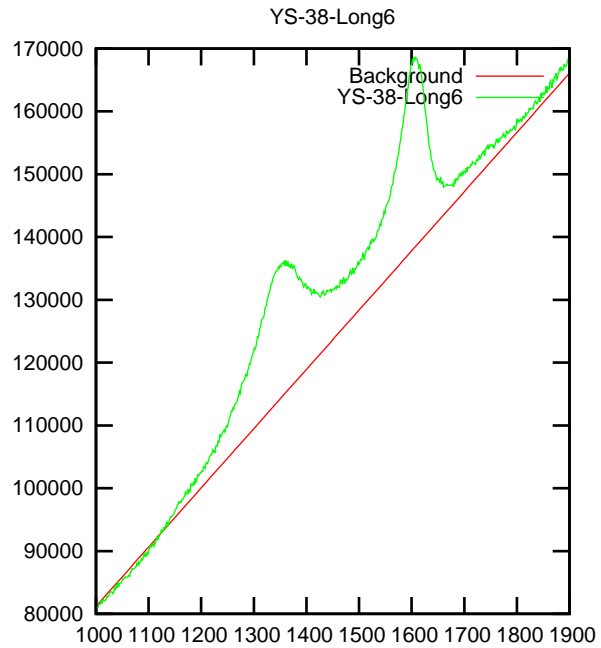


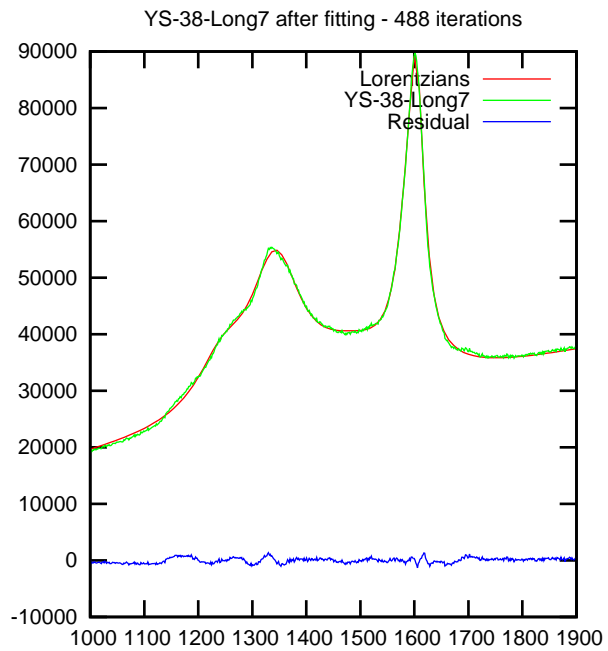
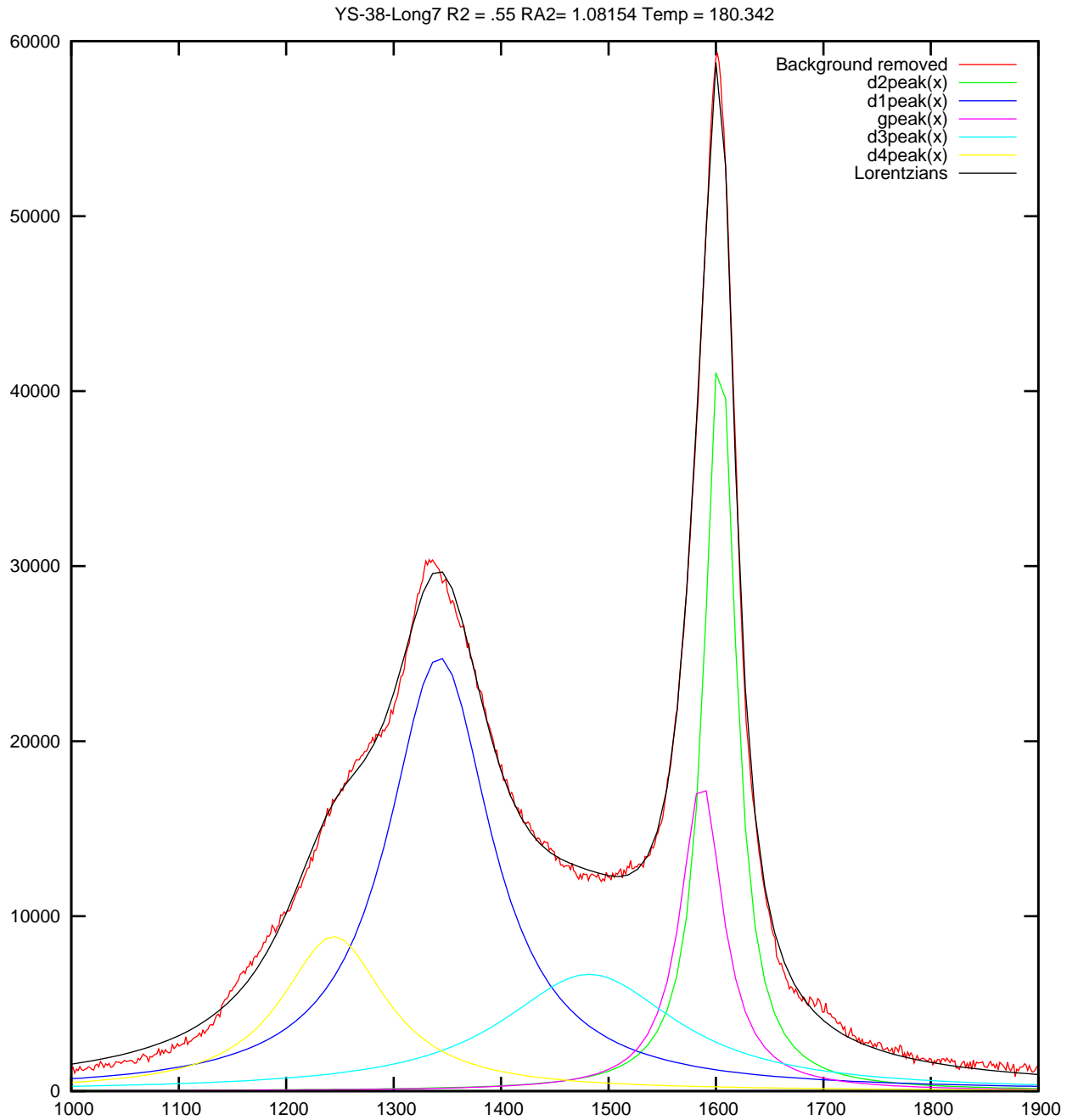
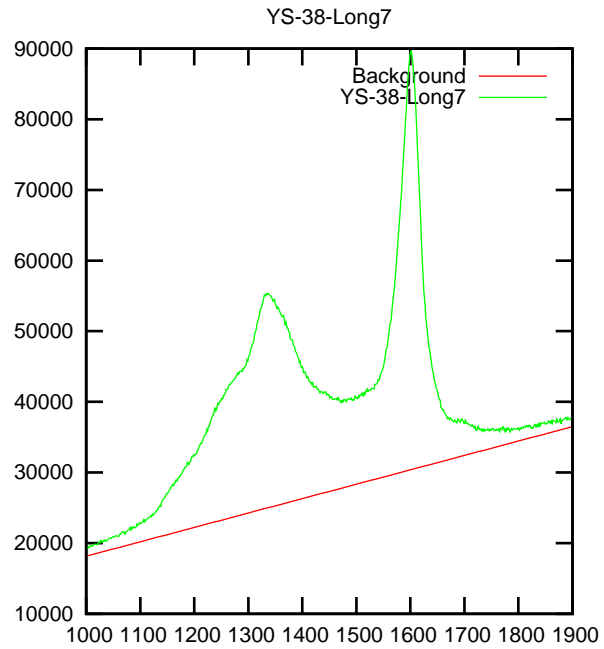
YS-38-Long29 R2 = .62 RA2= .99108 Temp = 160.240

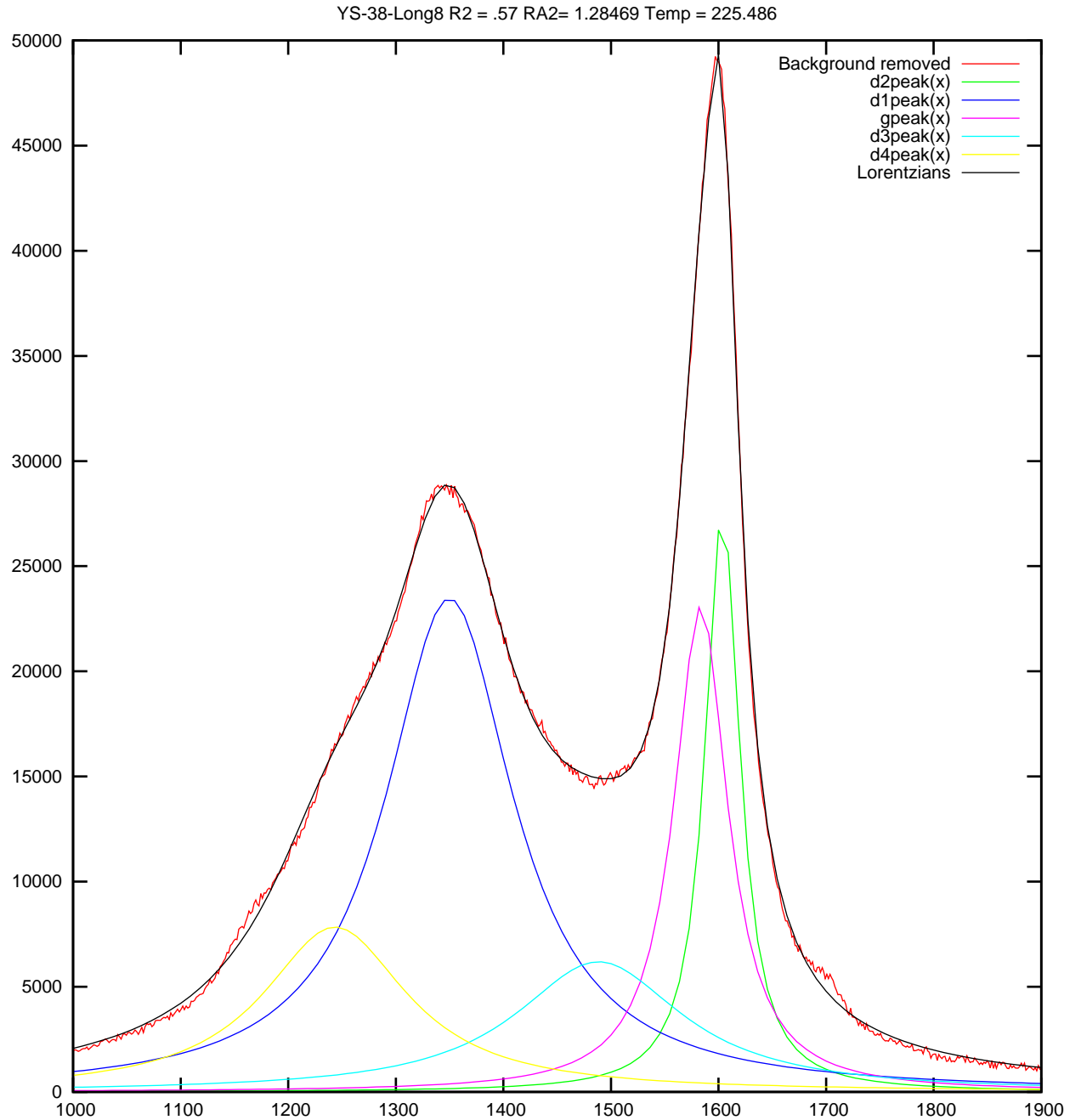
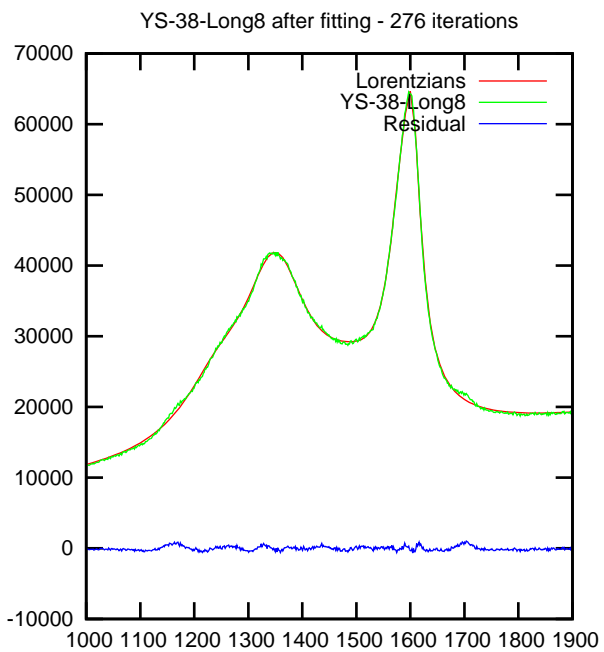
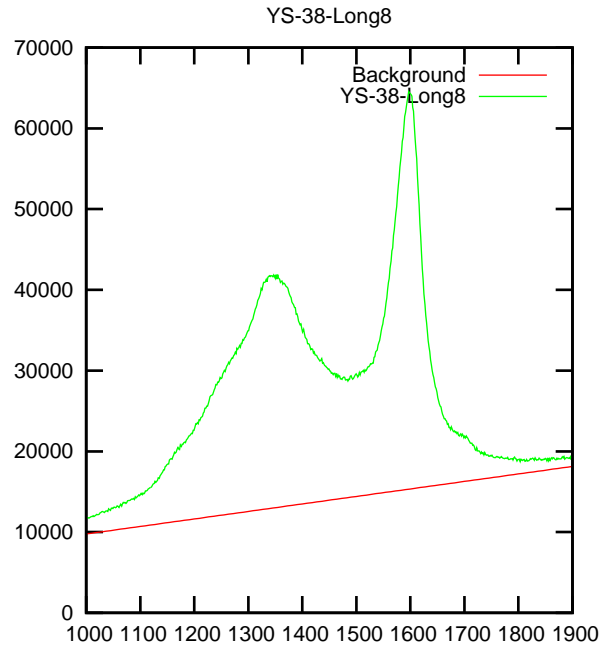


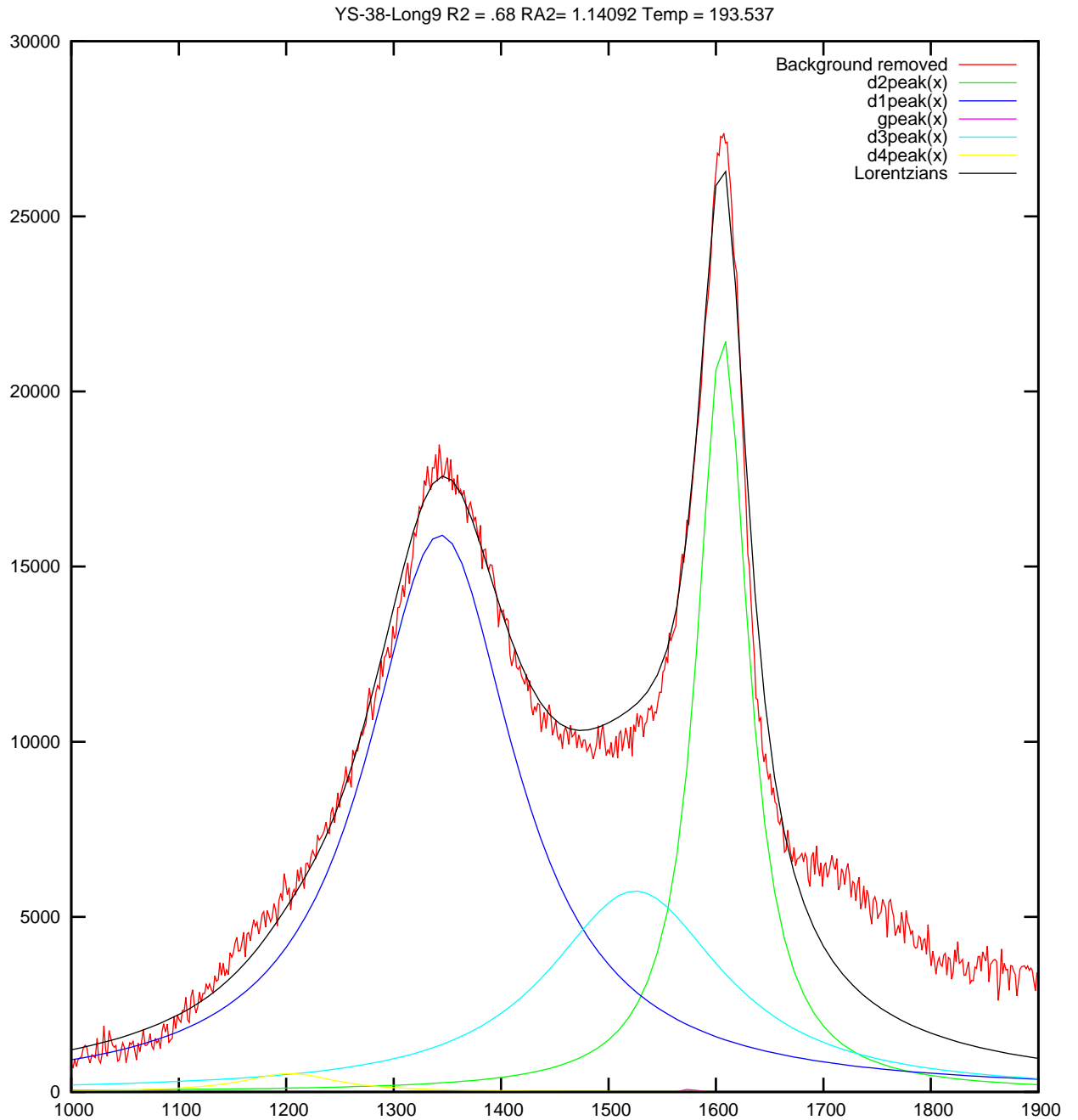
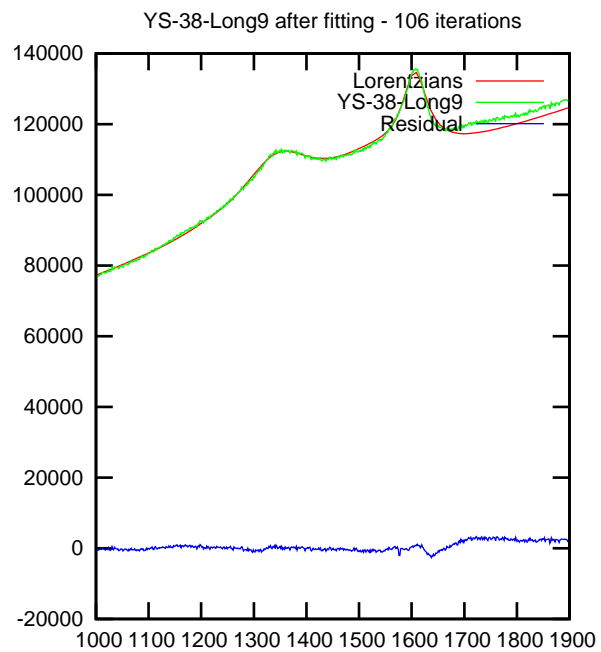
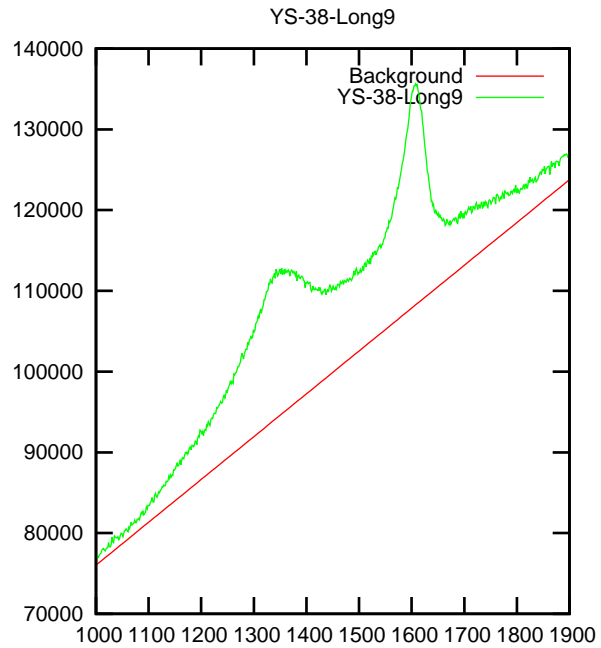


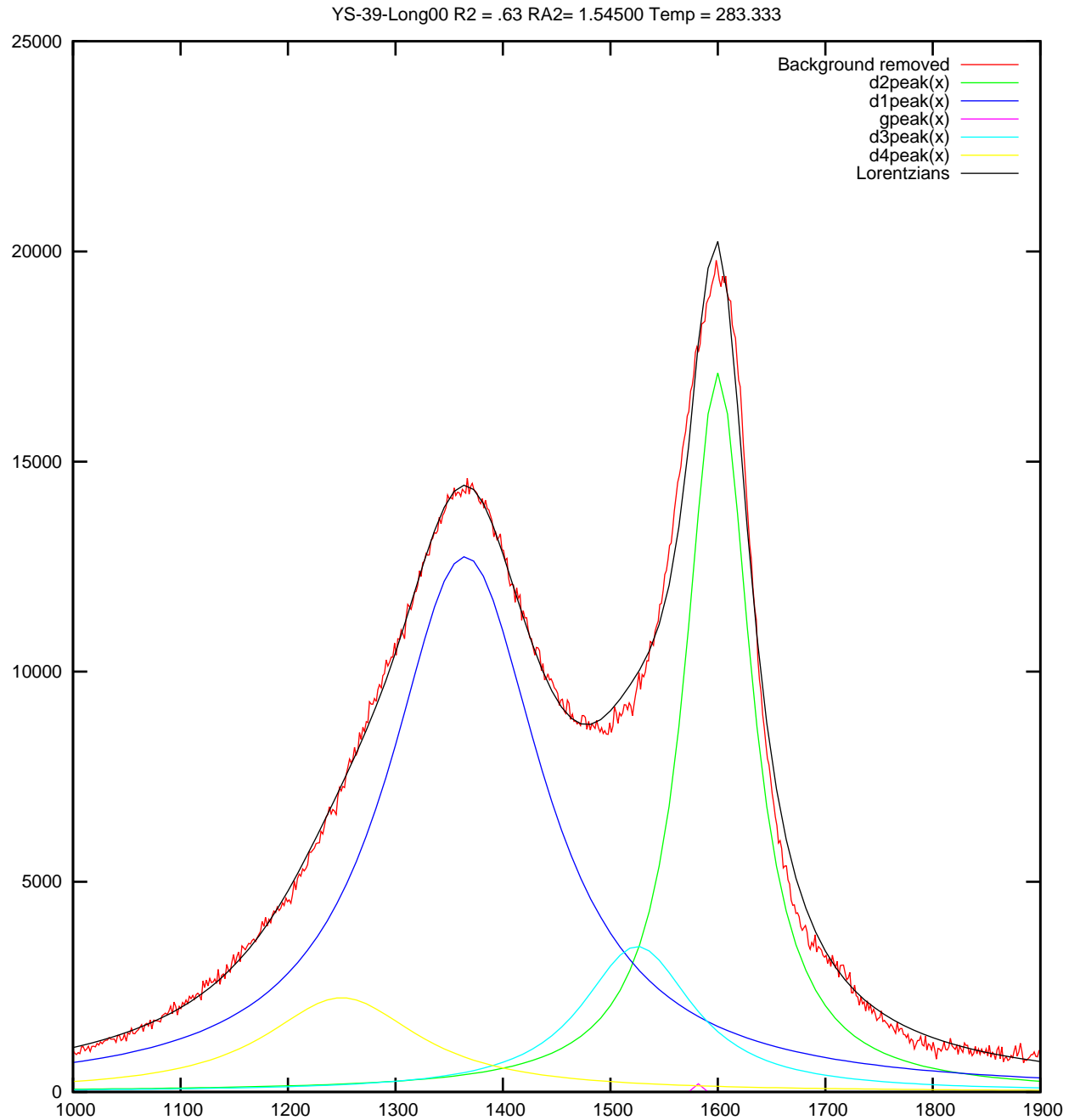
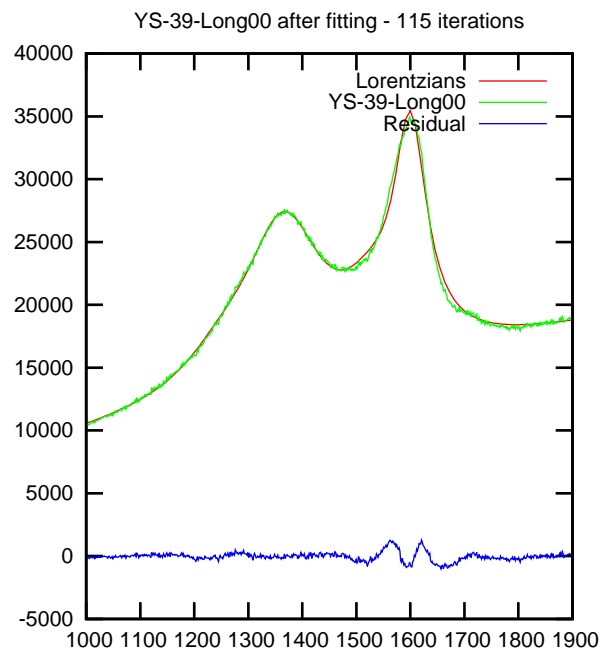
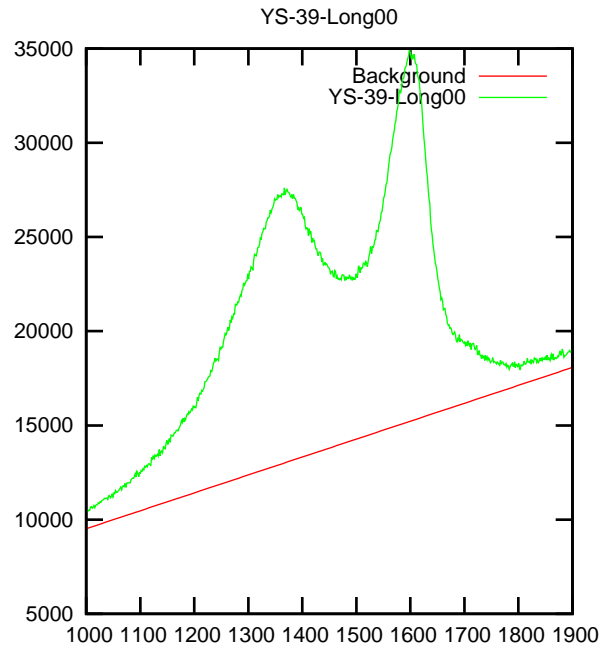


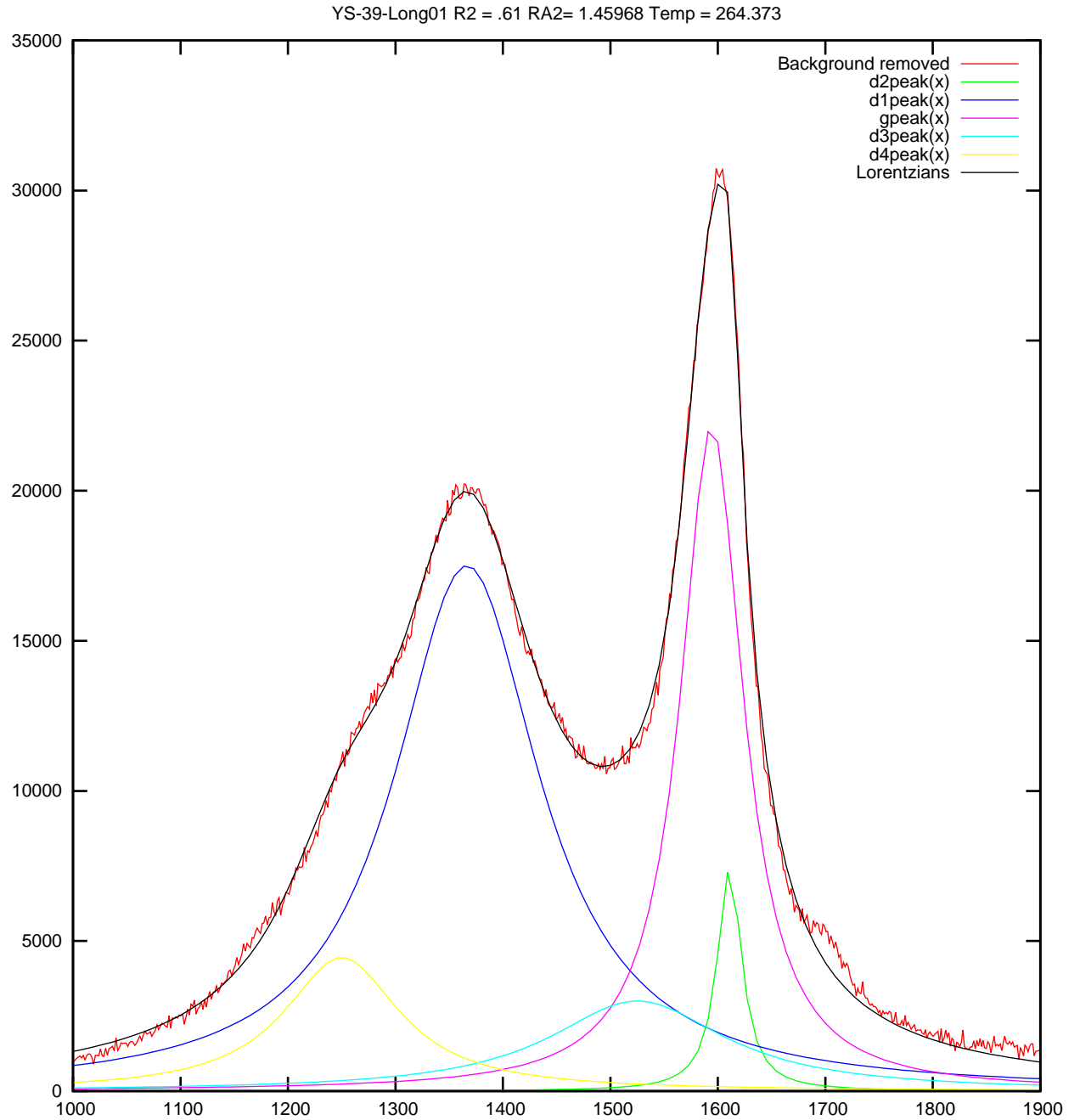
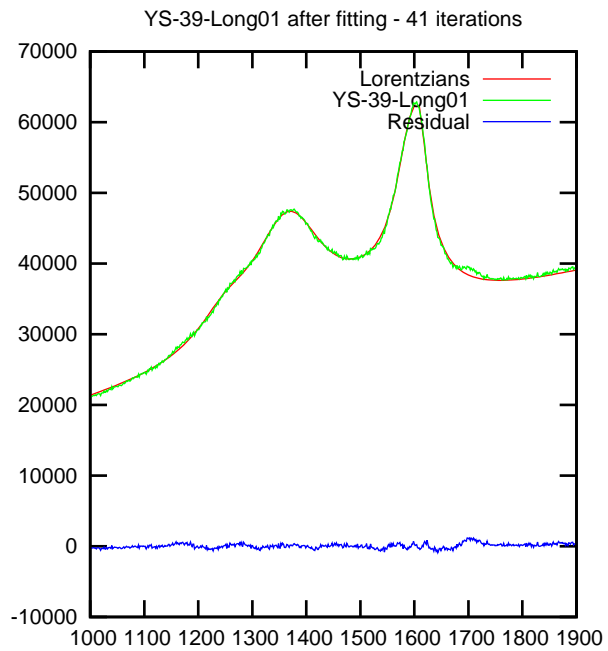
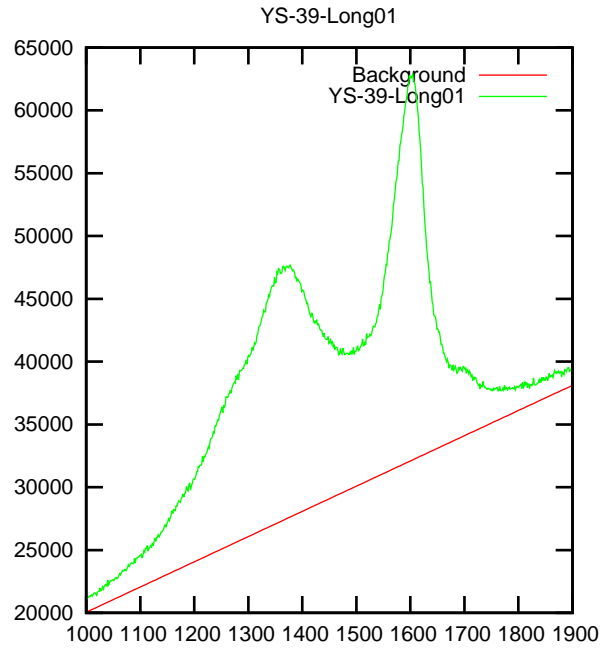


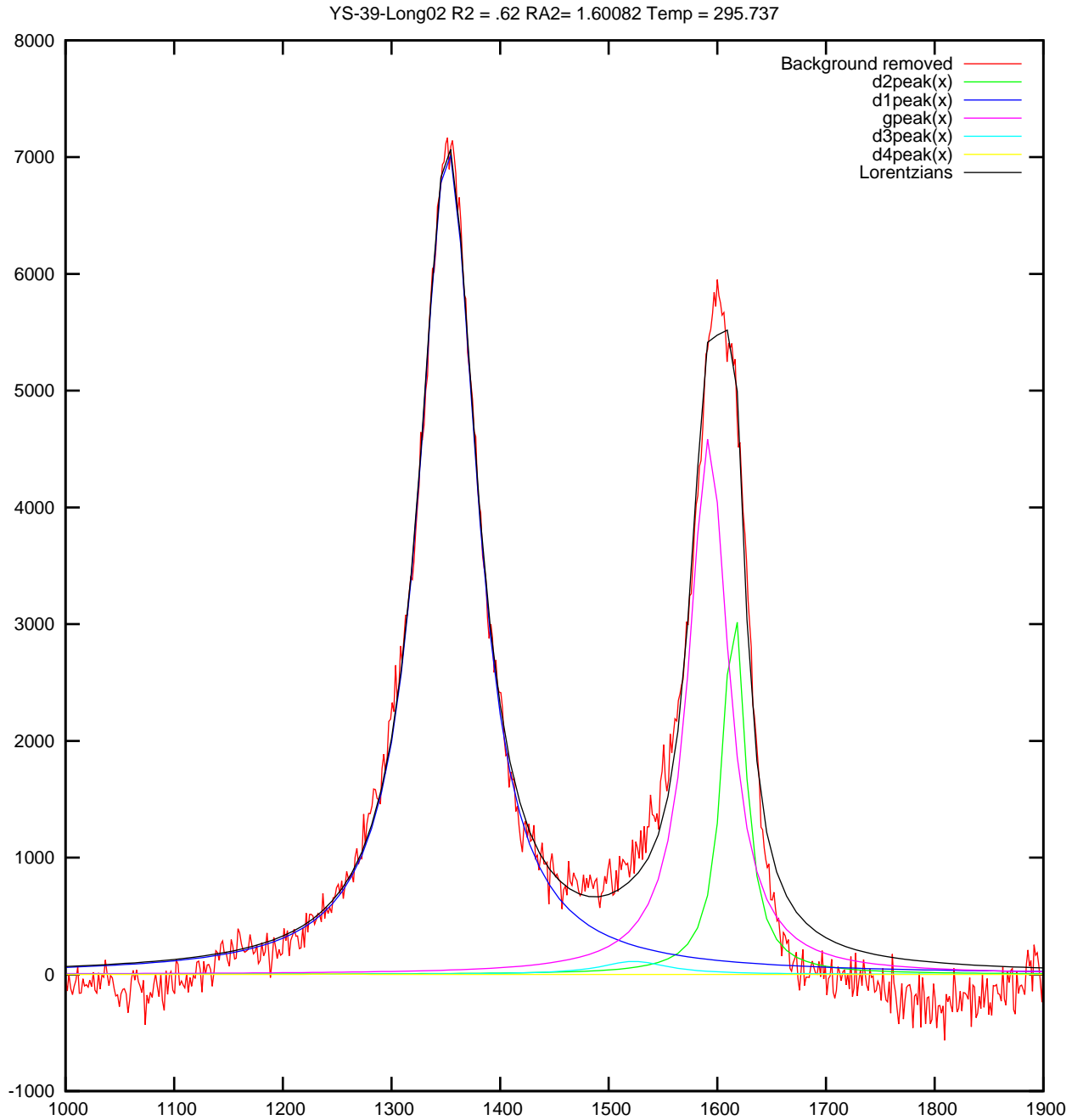
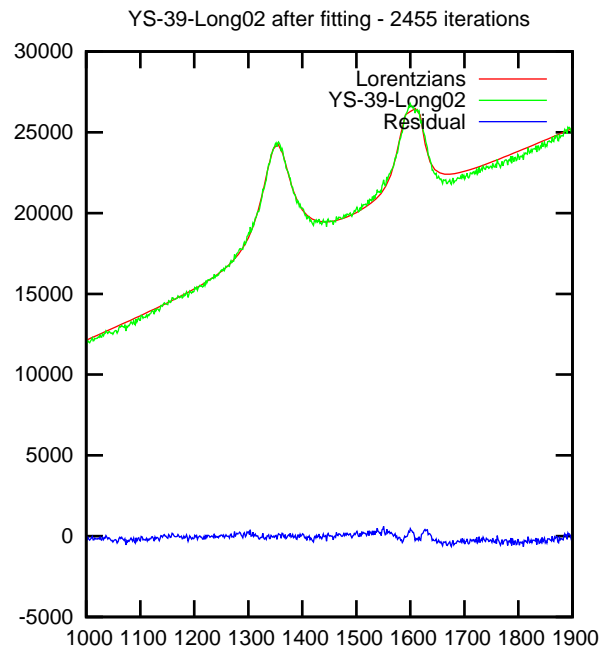
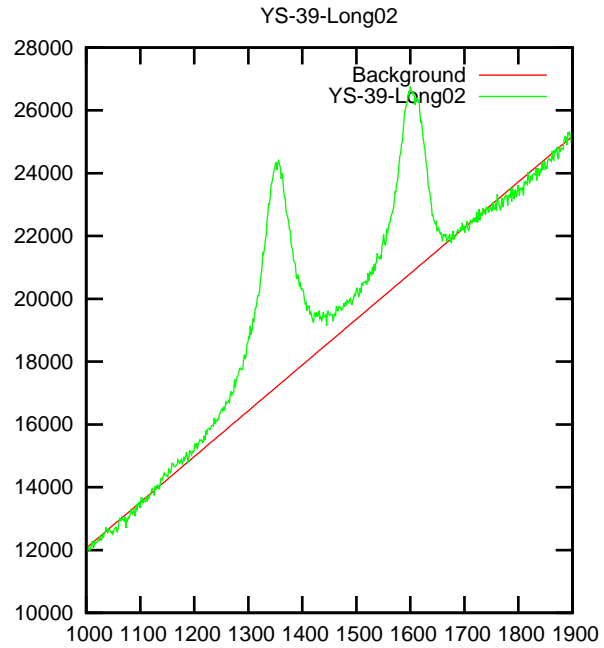


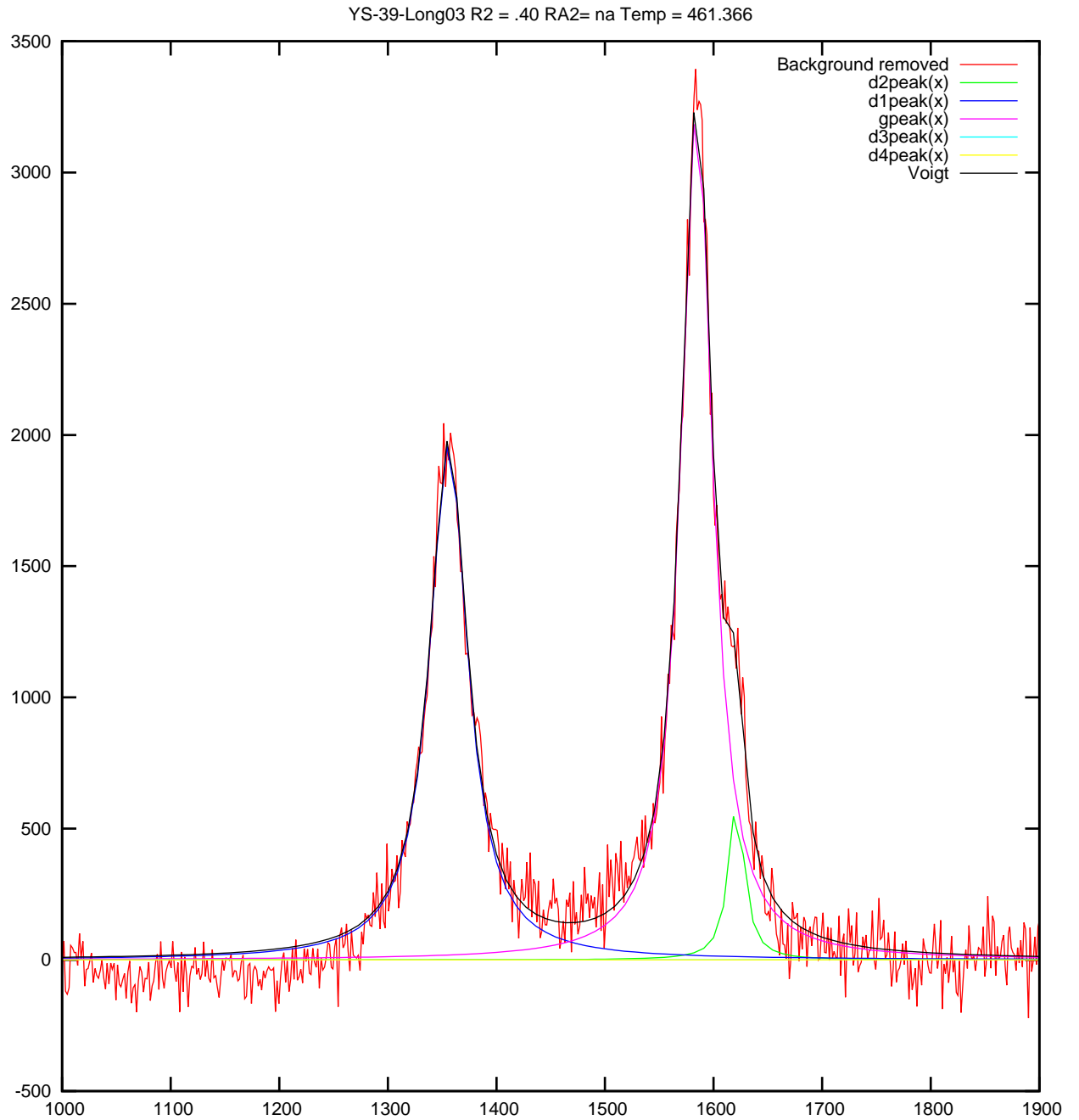
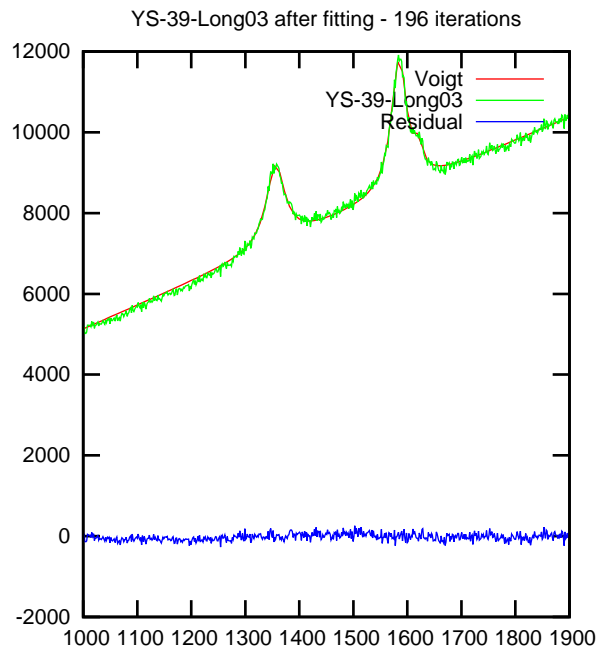
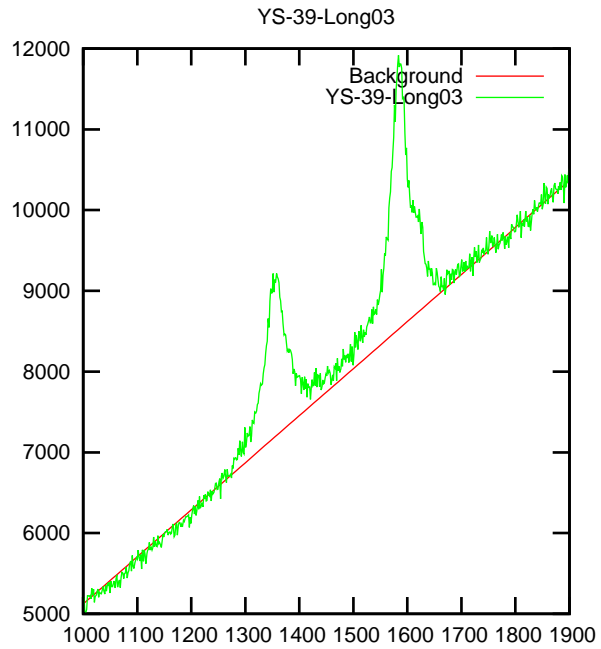


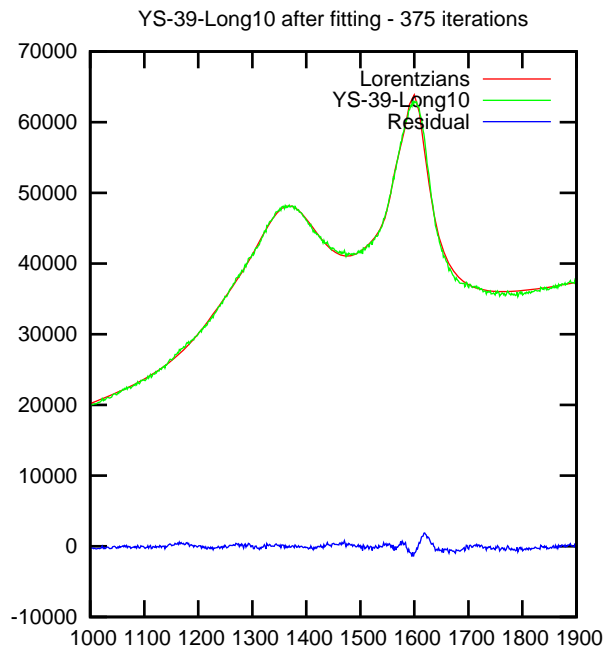
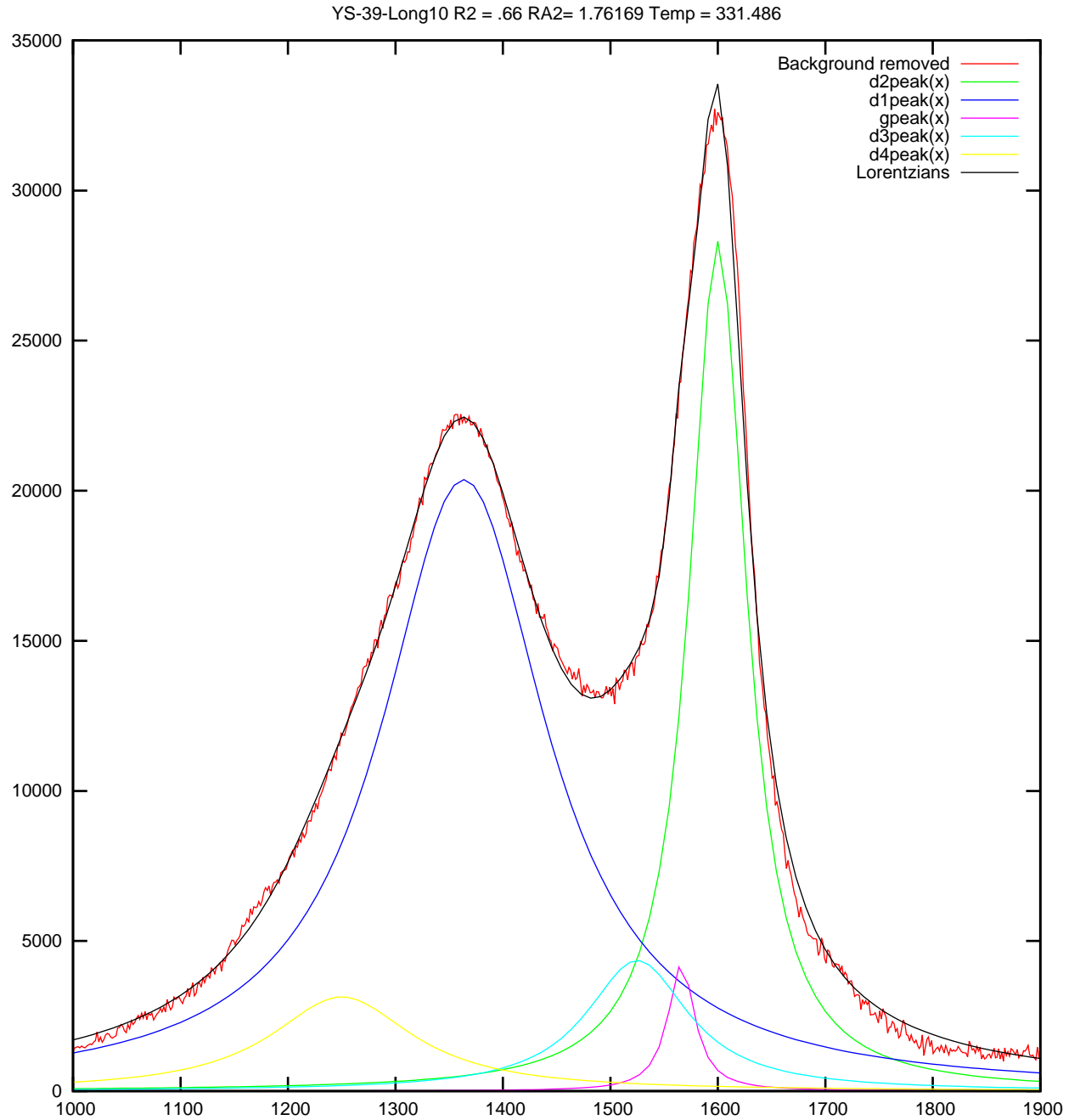
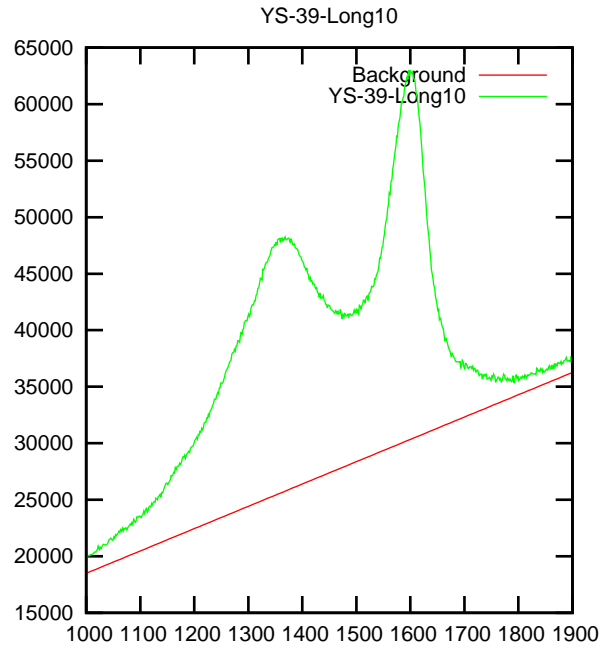


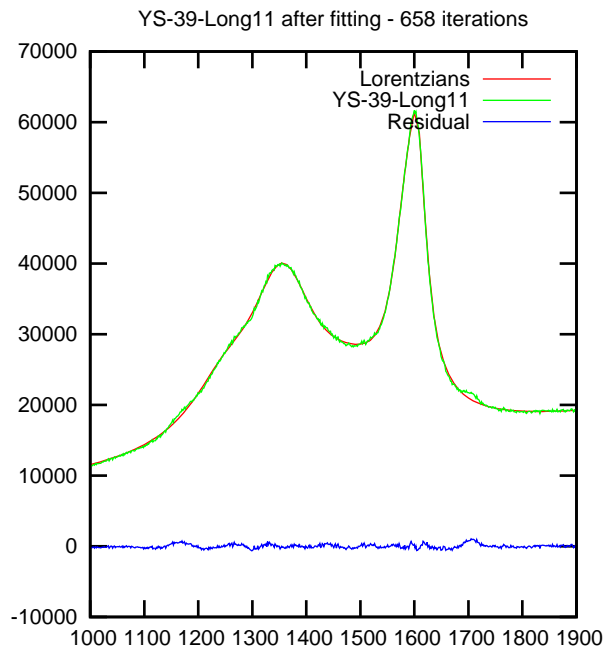
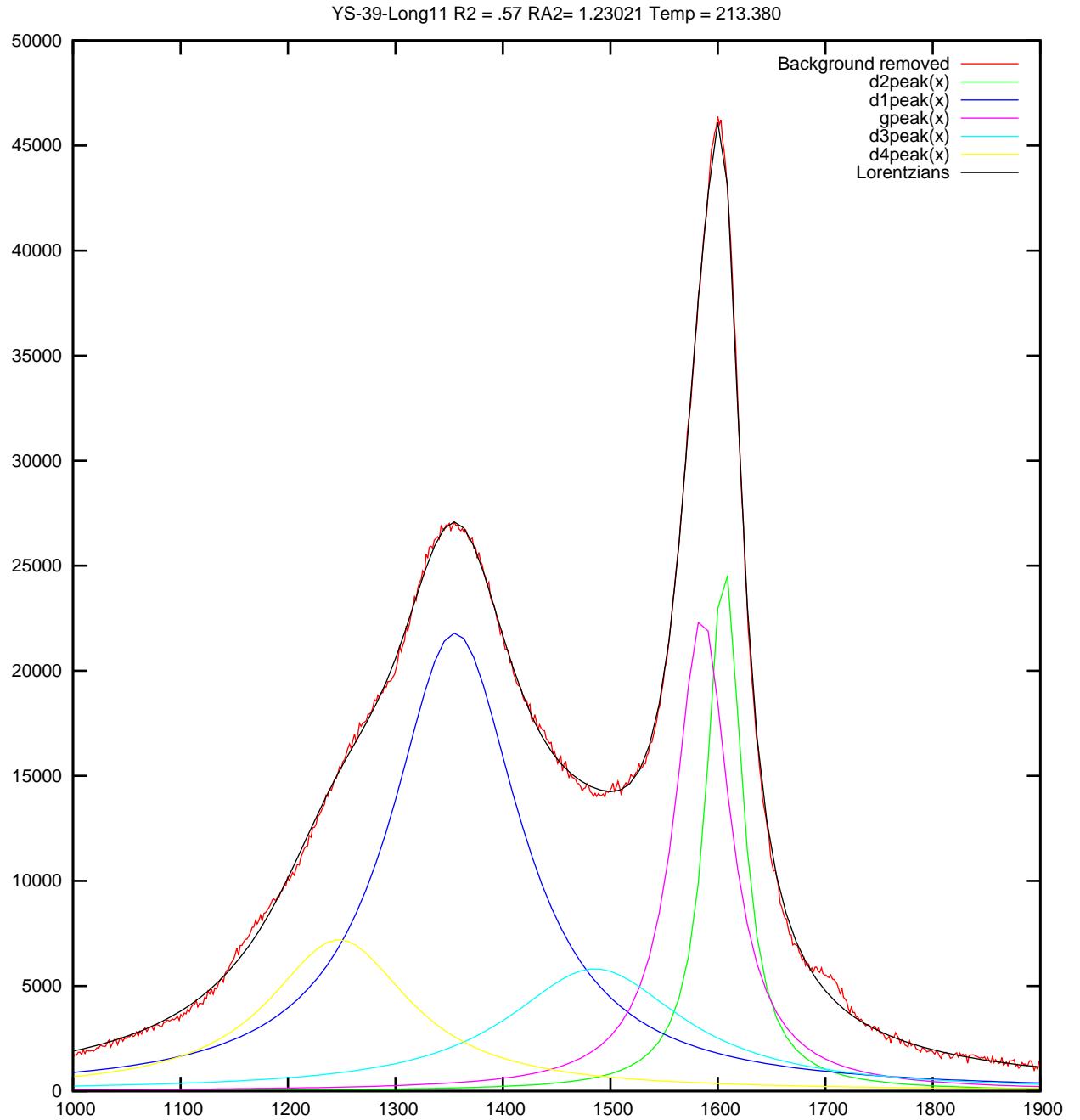
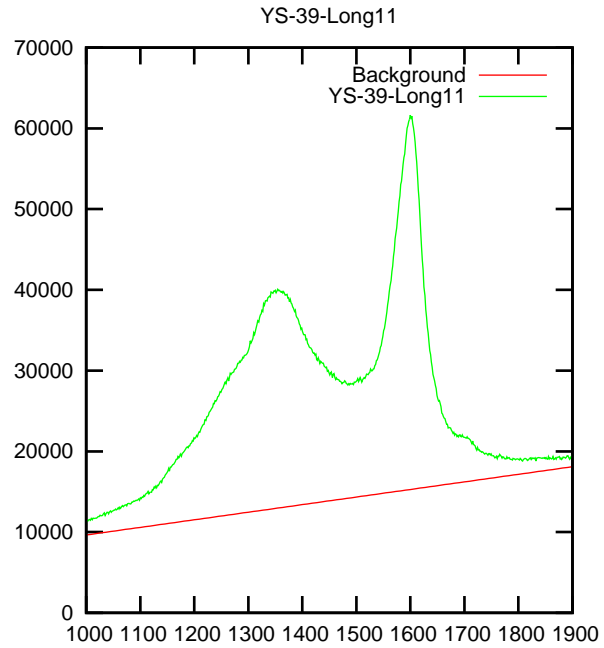


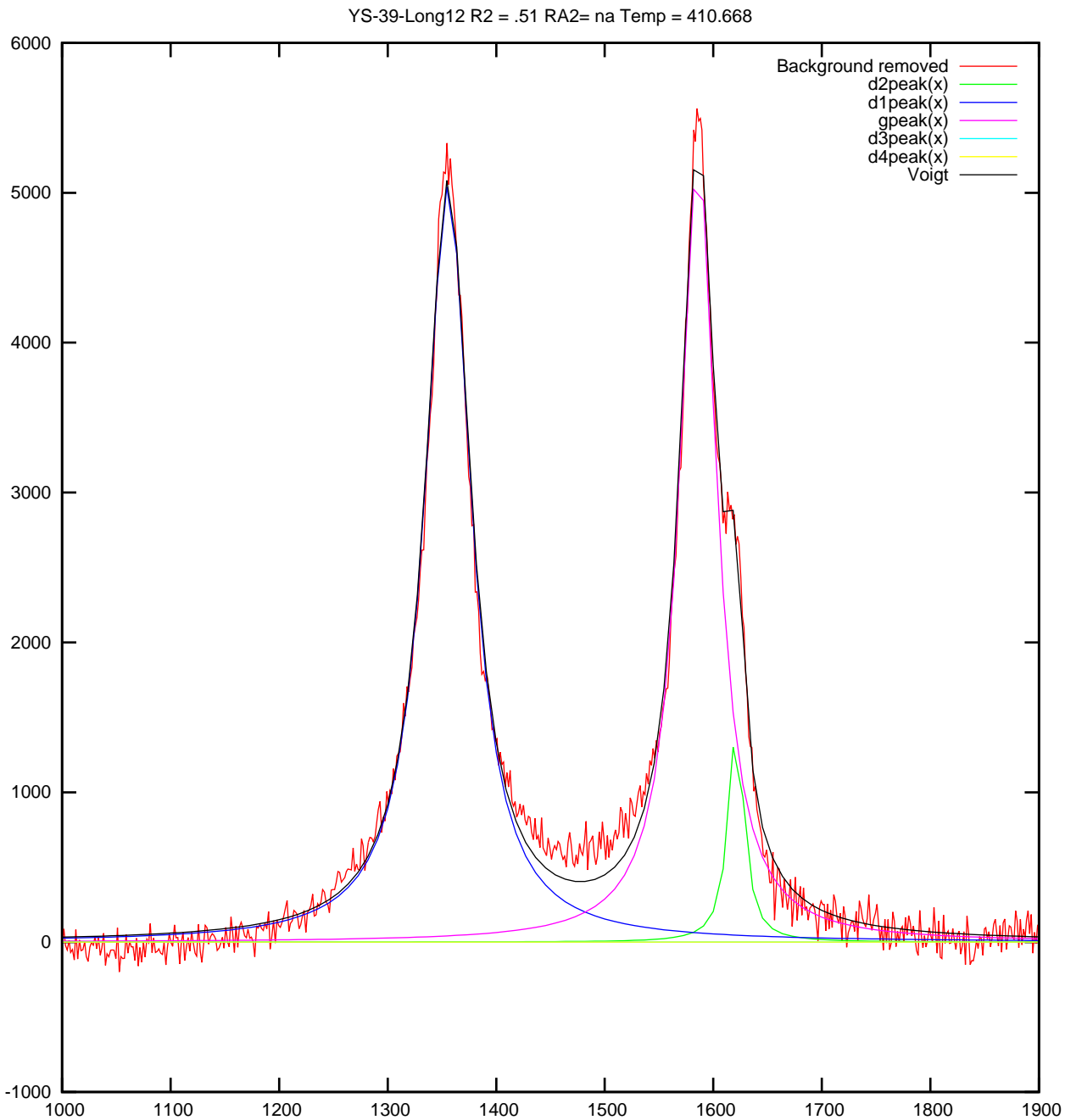
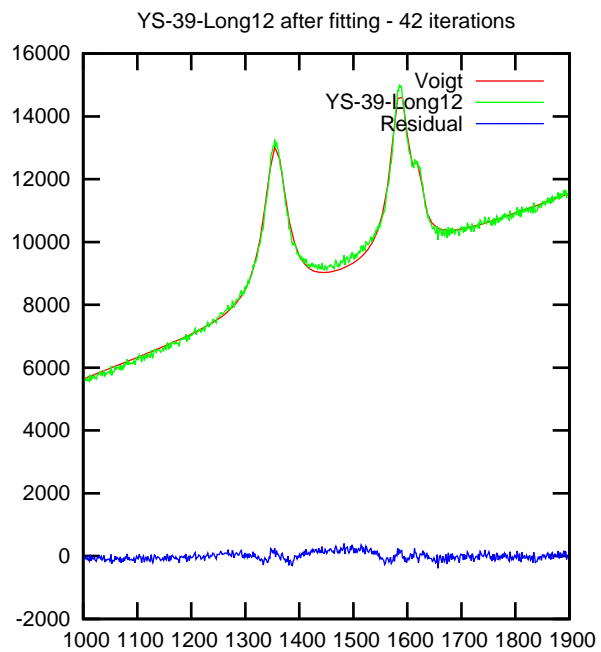
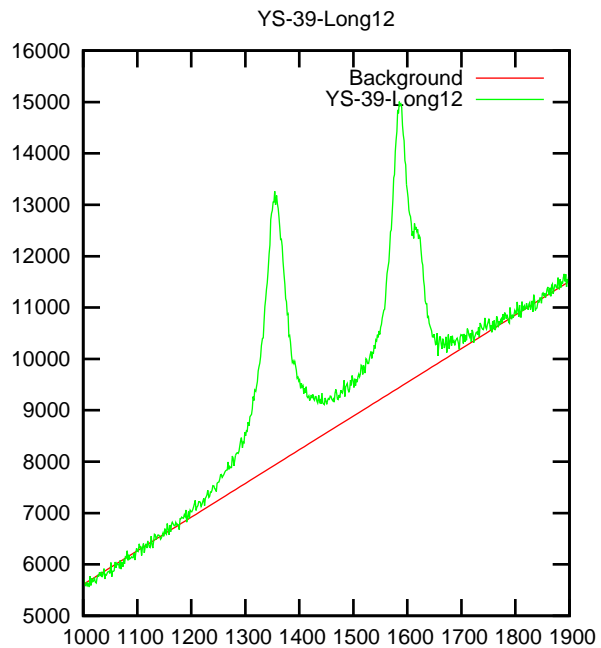


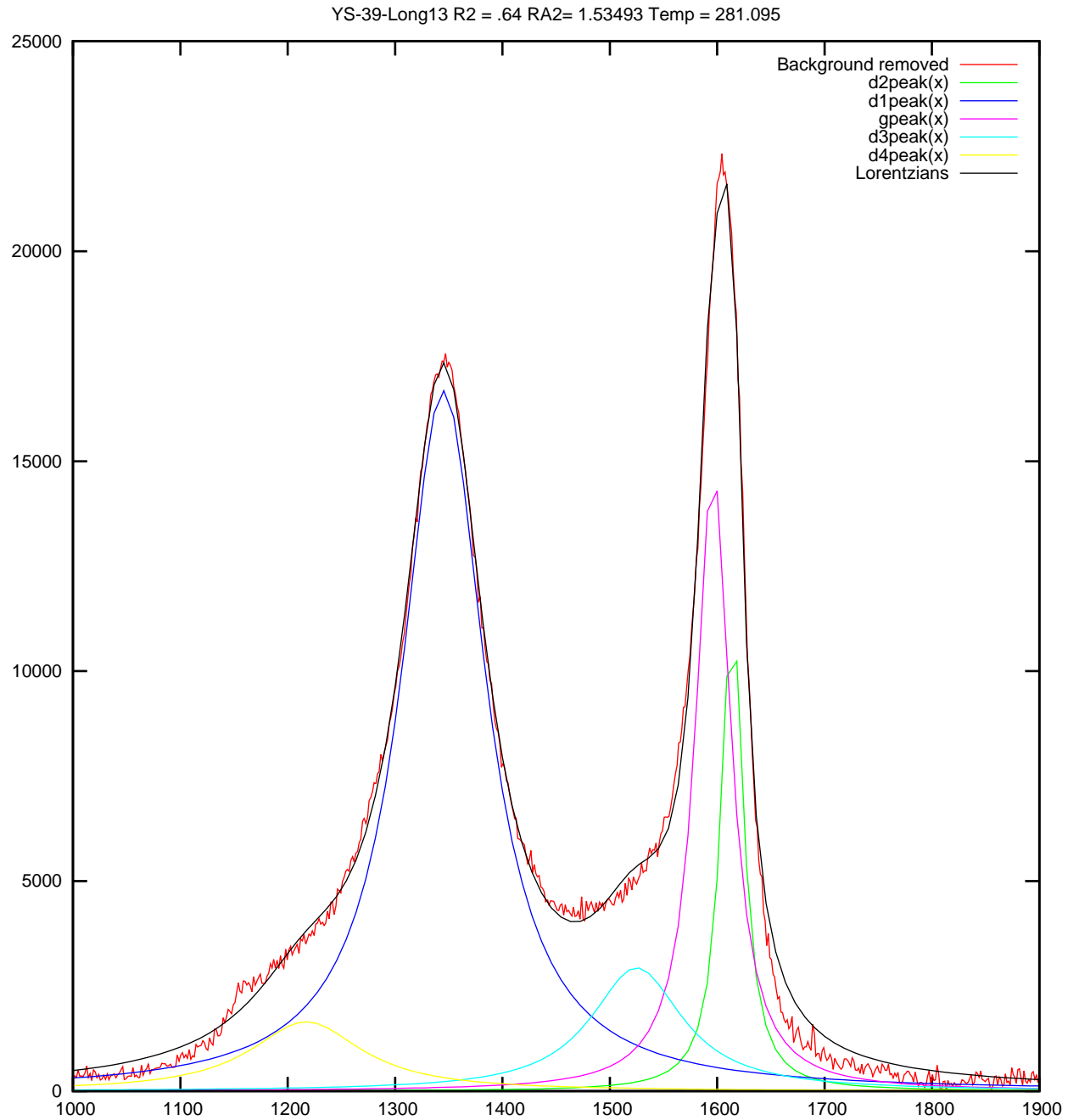
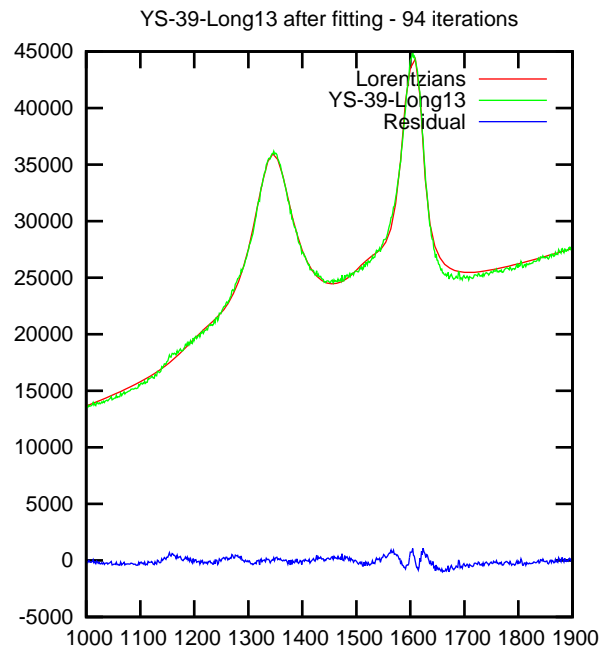
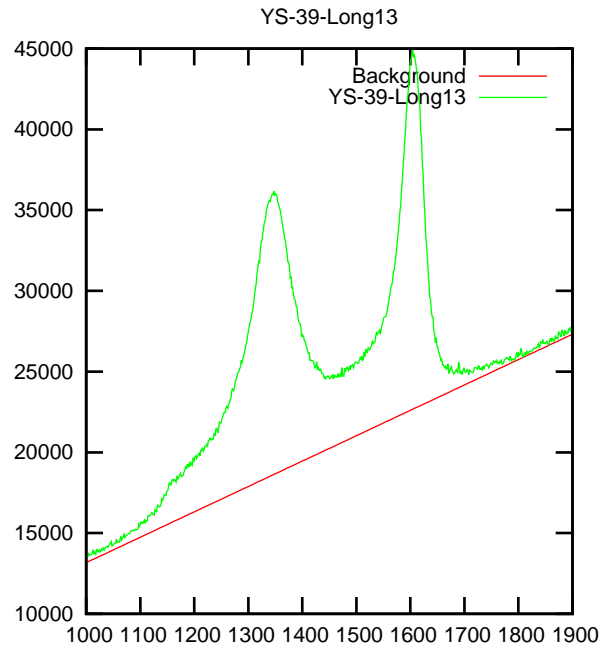




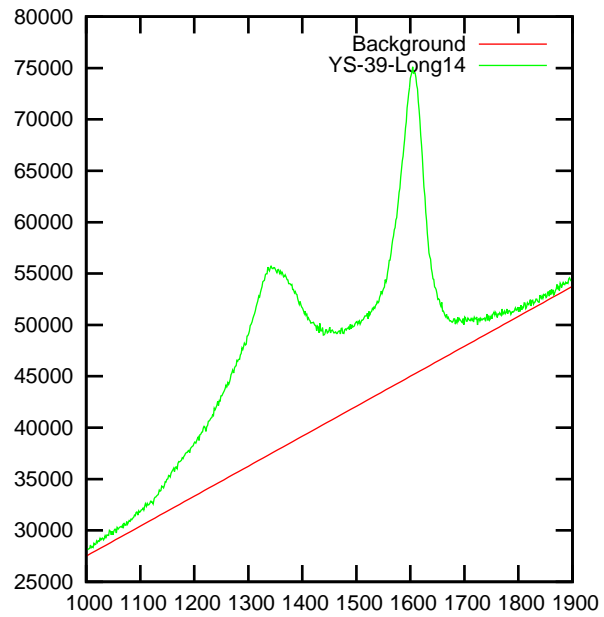




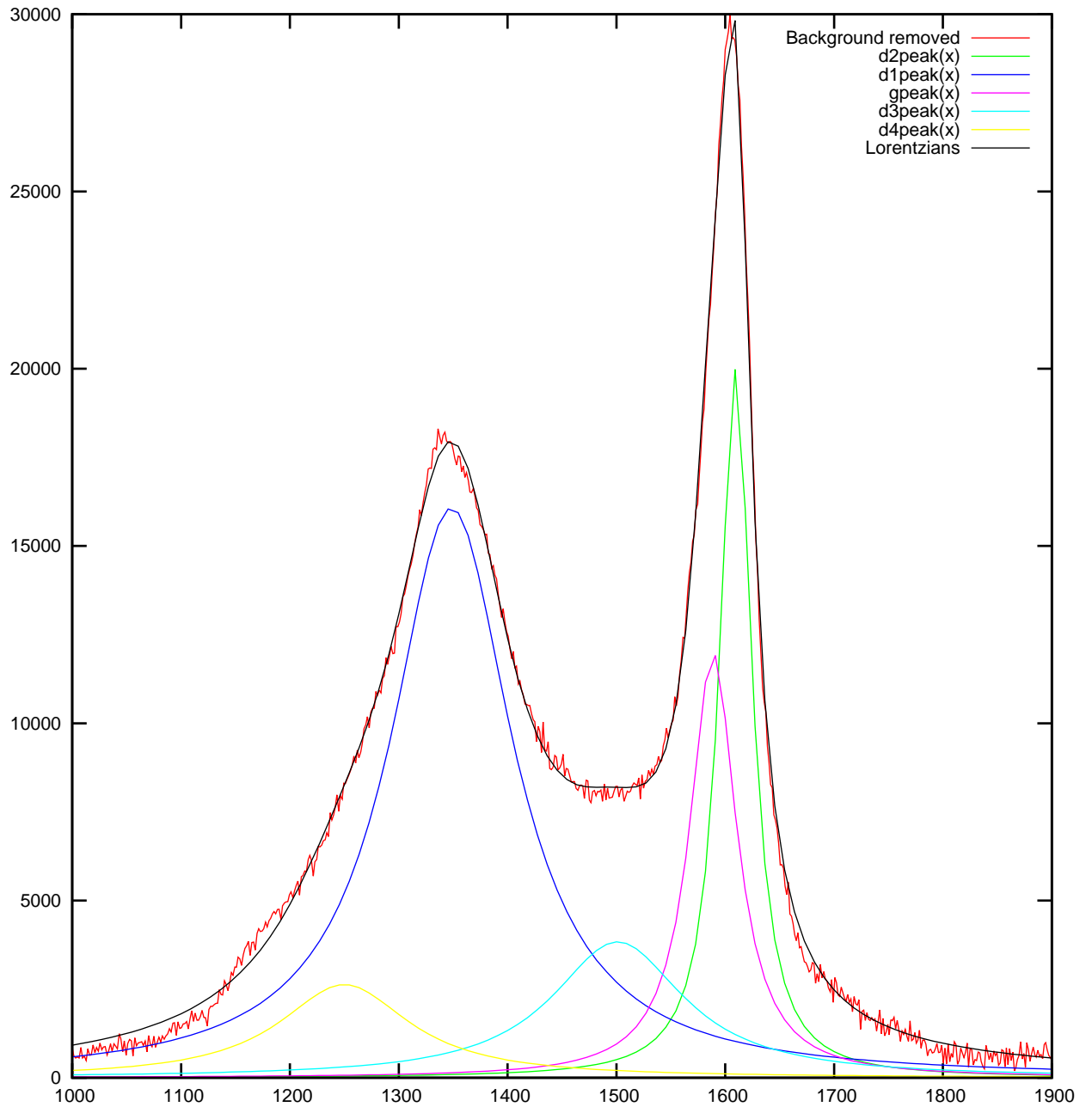




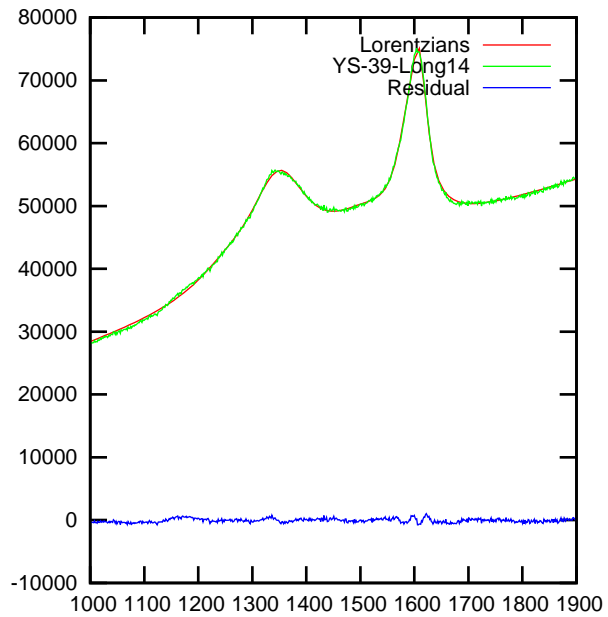
YS-39-Long14

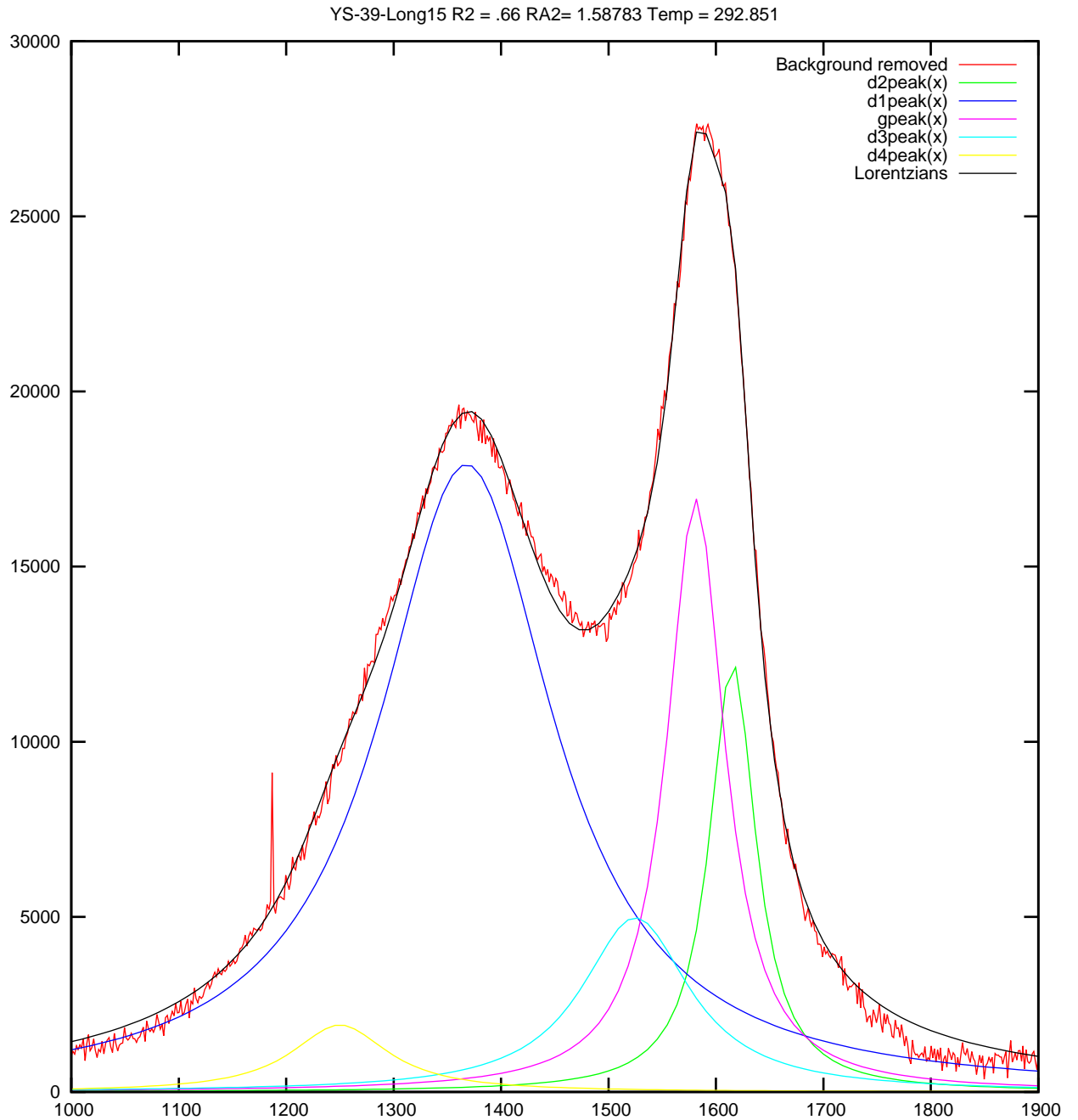
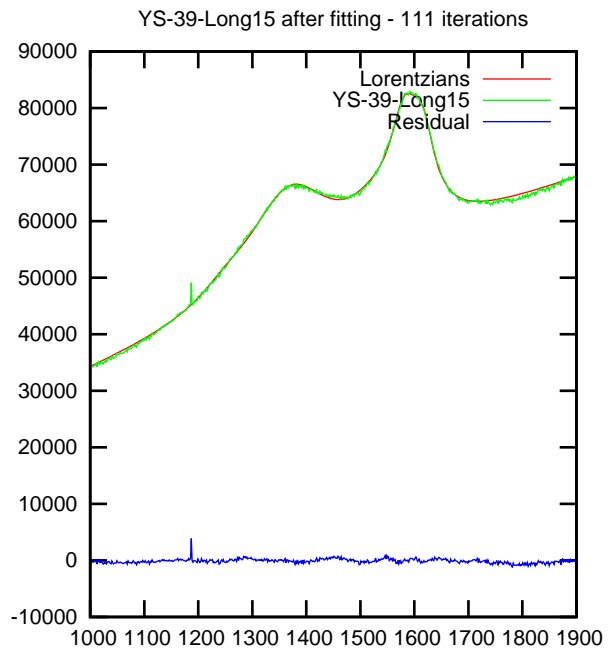
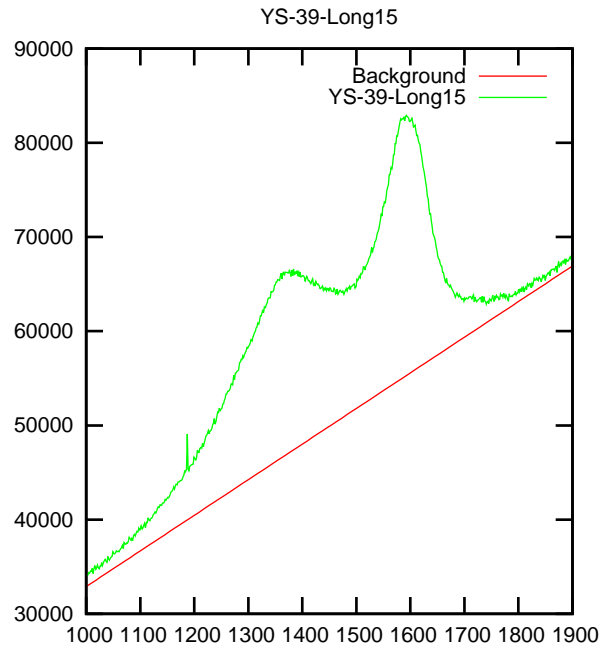


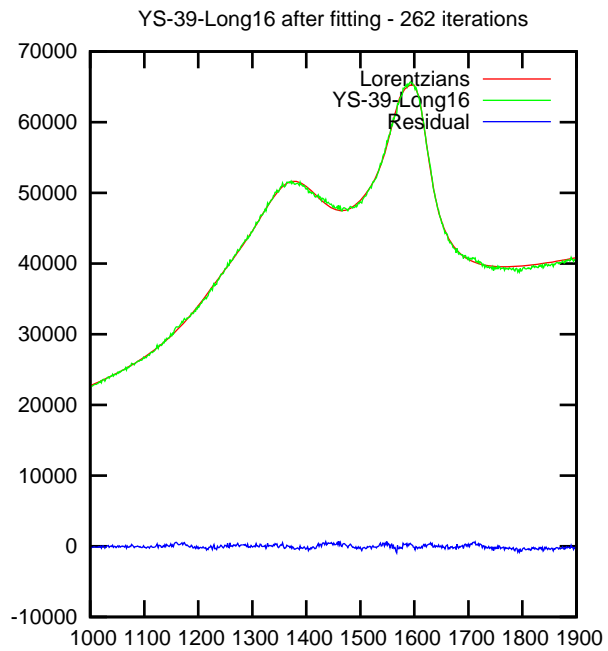
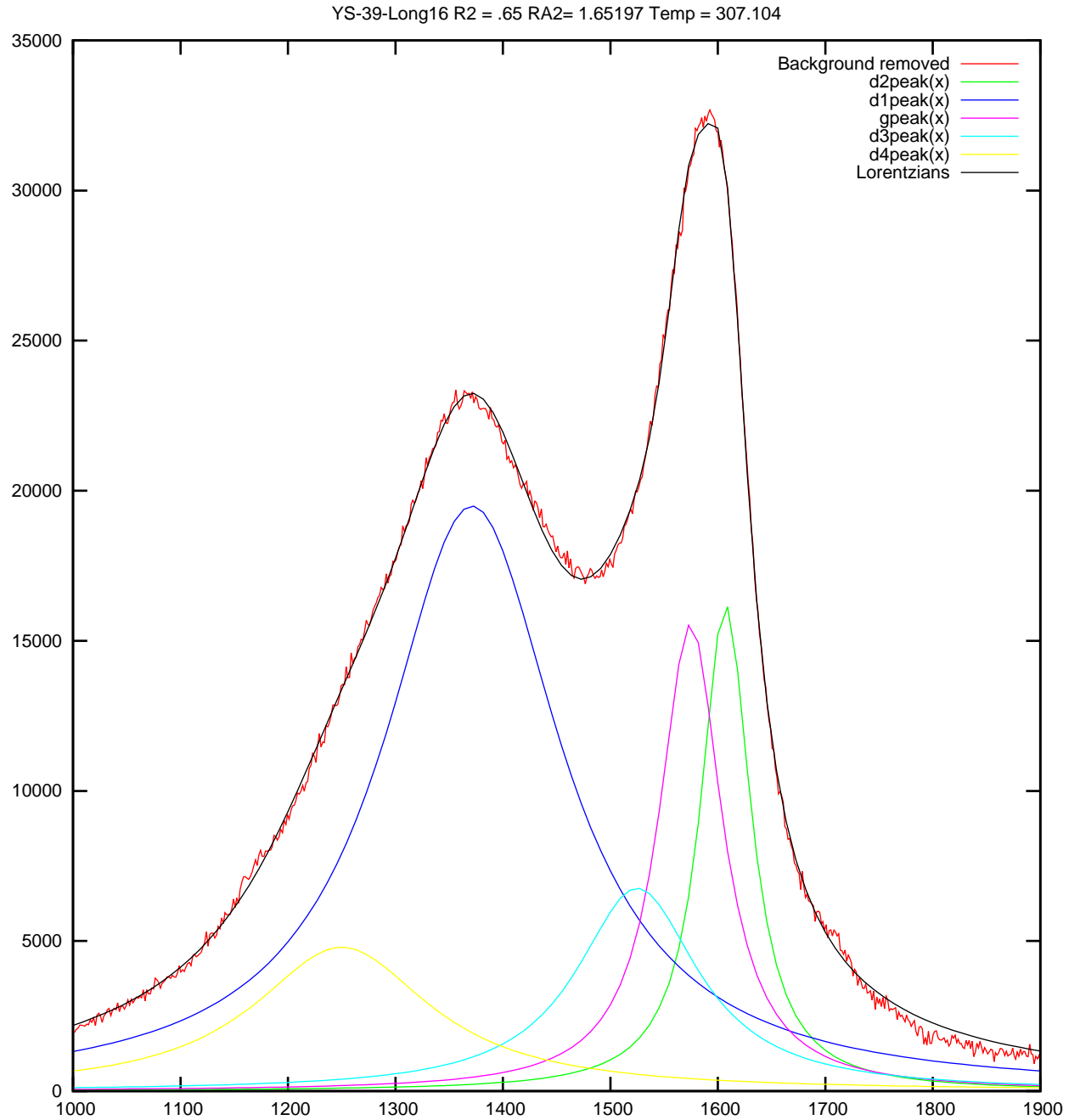
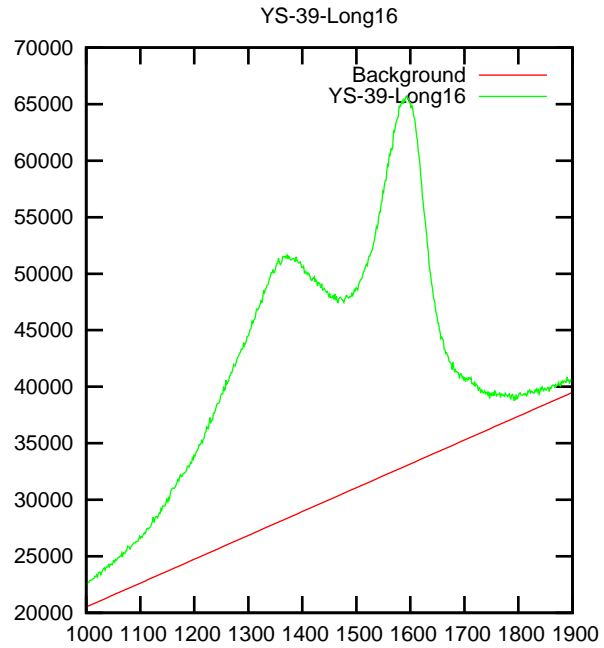
YS-39-Long14 R2 = .62 RA2= 1.35316 Temp = 240.702

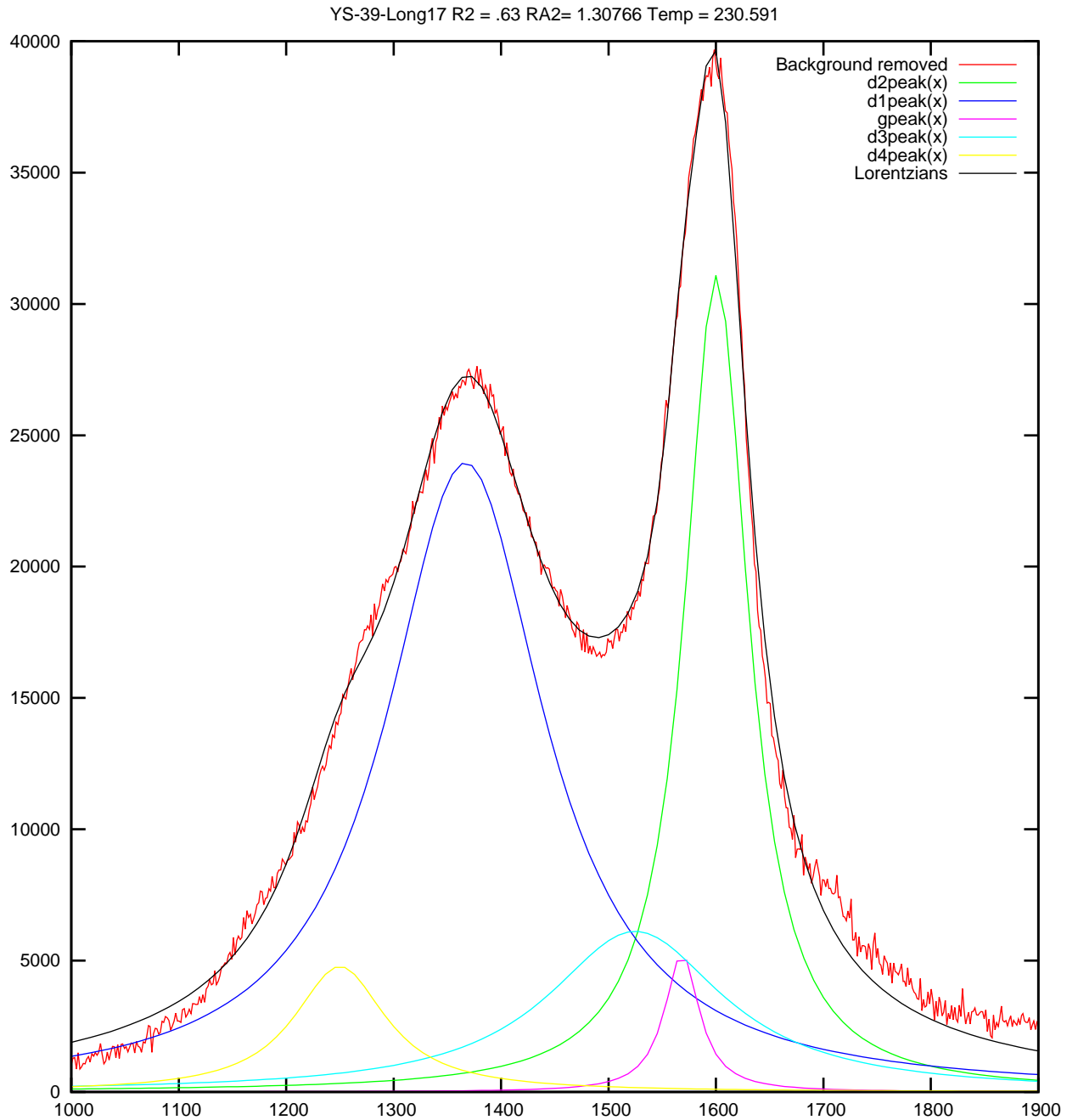
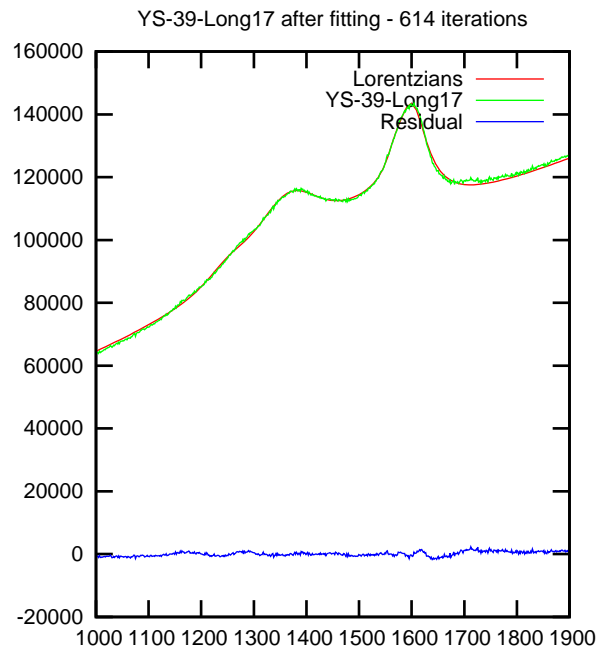
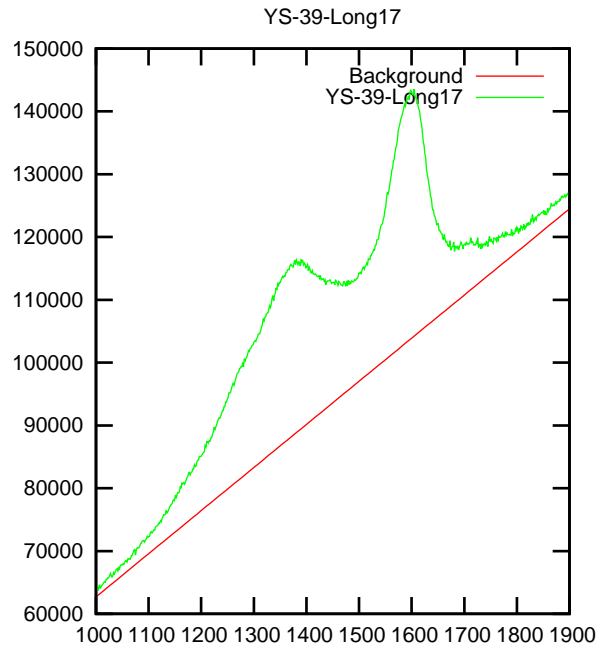


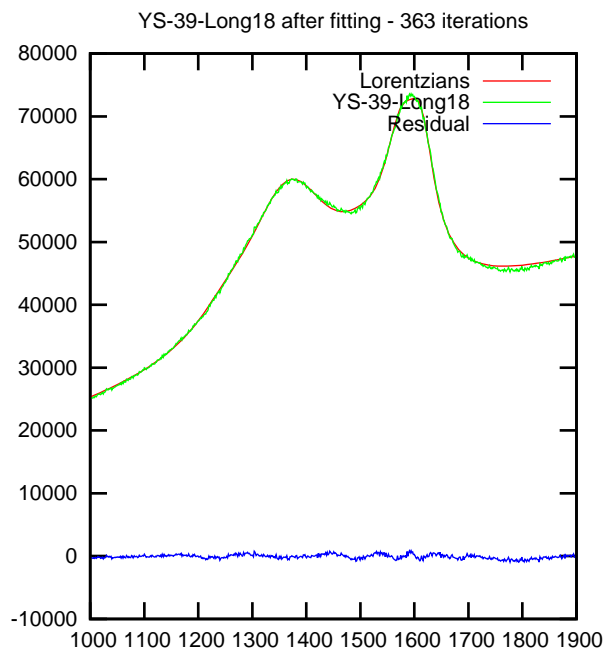
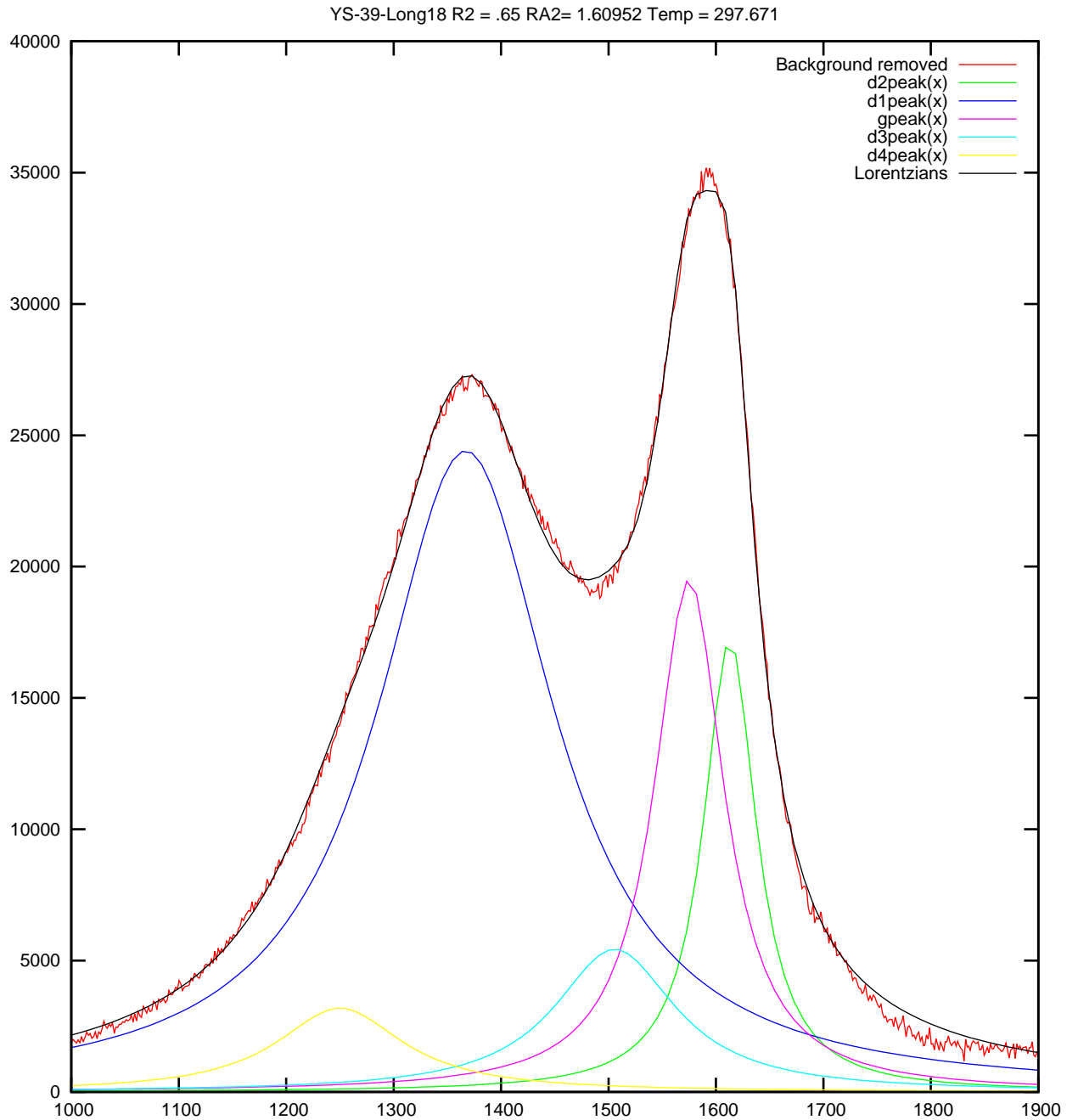
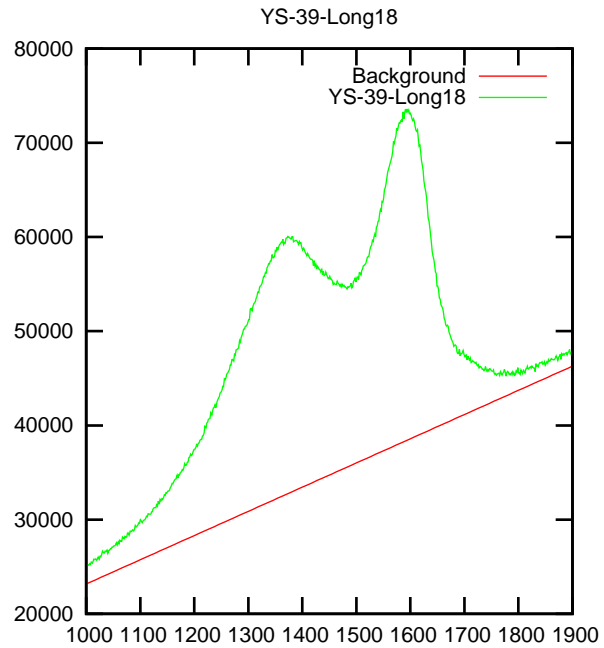
YS-39-Long14 after fitting - 139 iterations

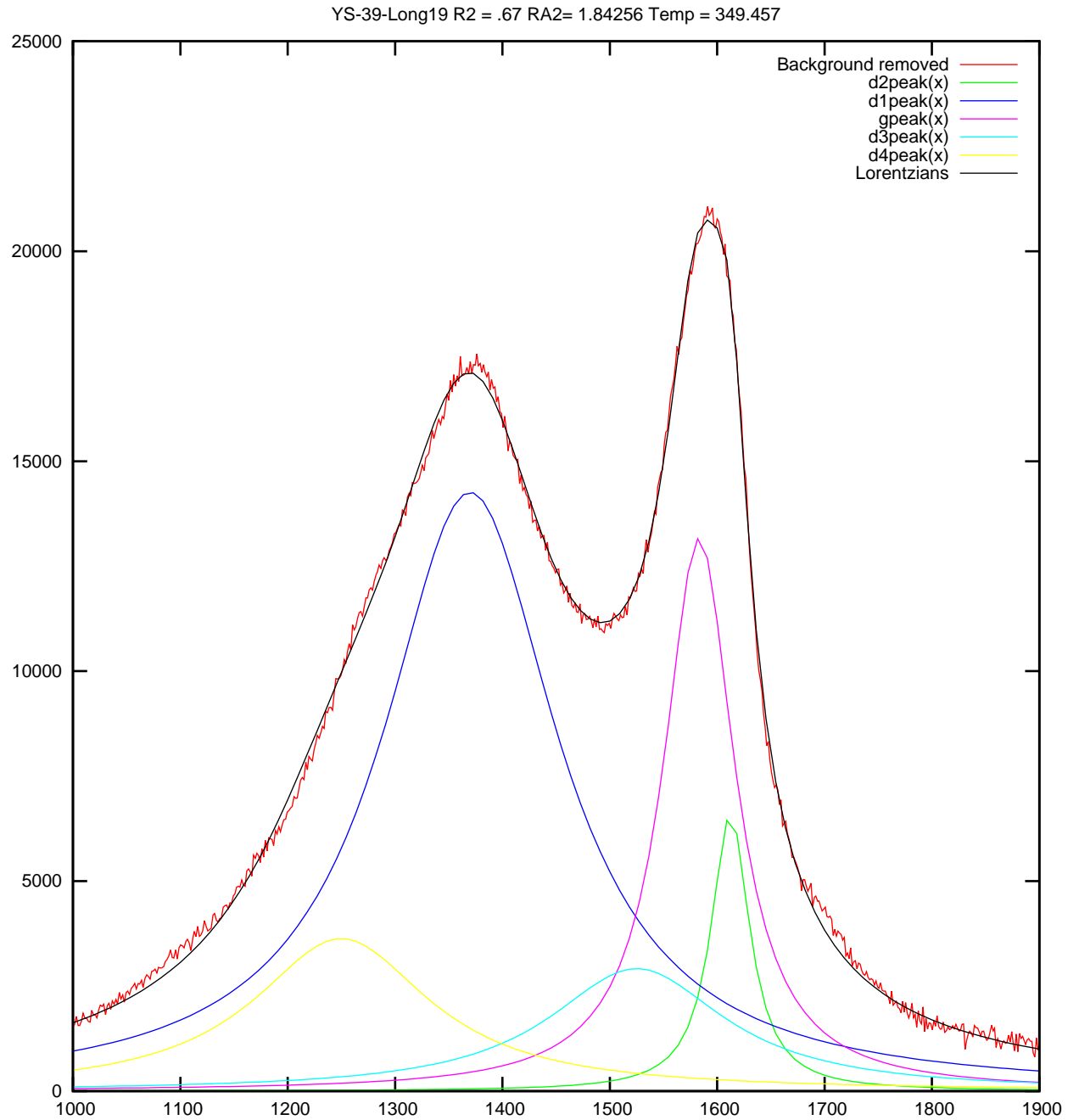
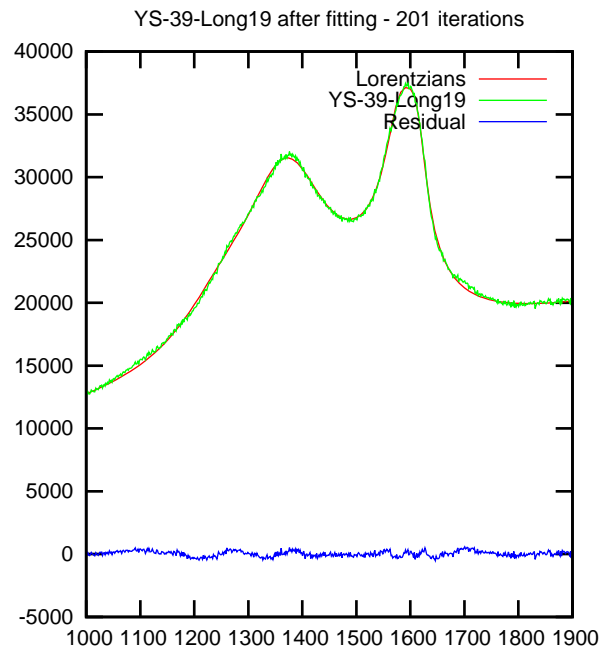
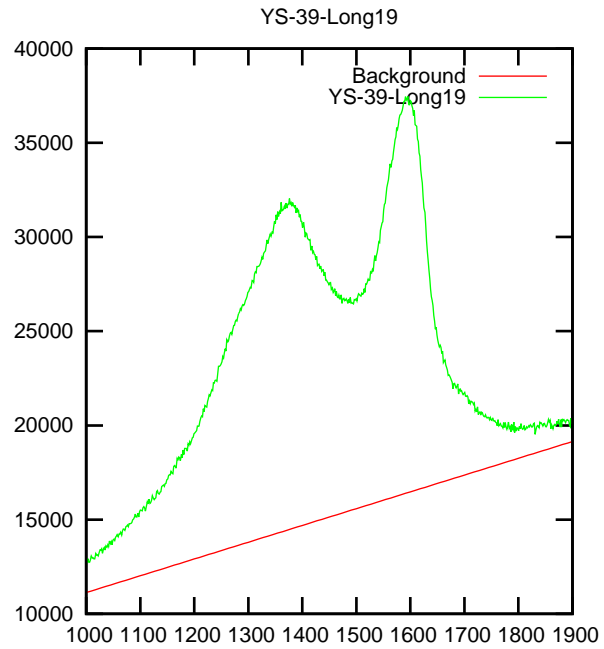


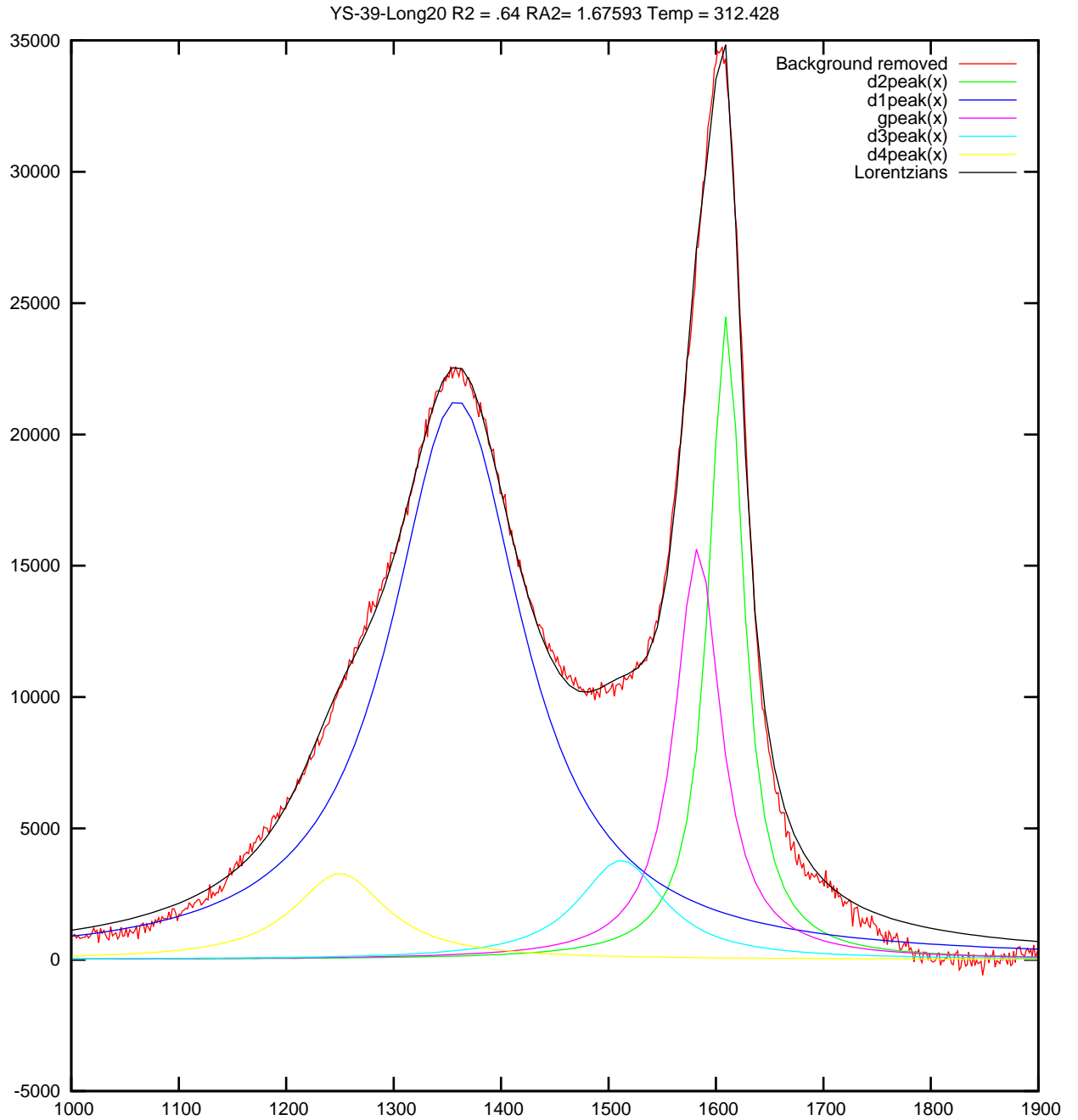
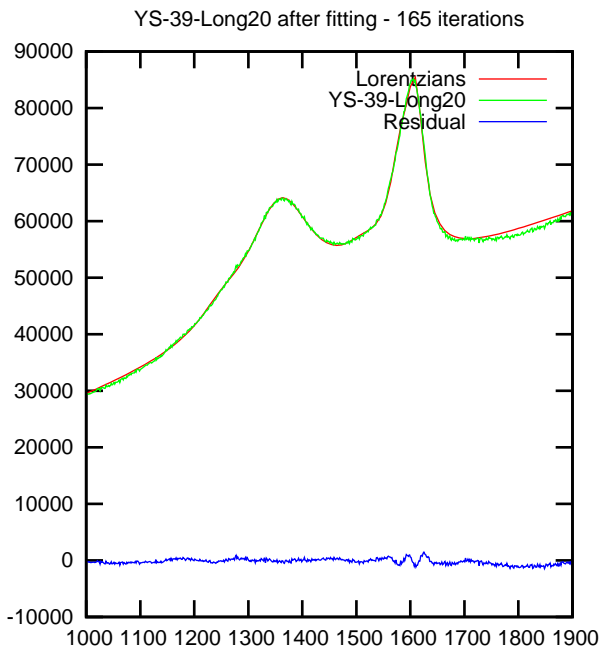
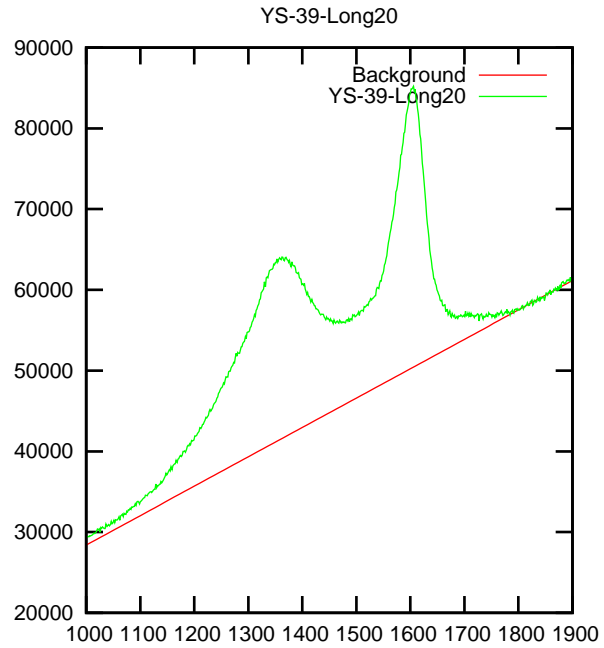


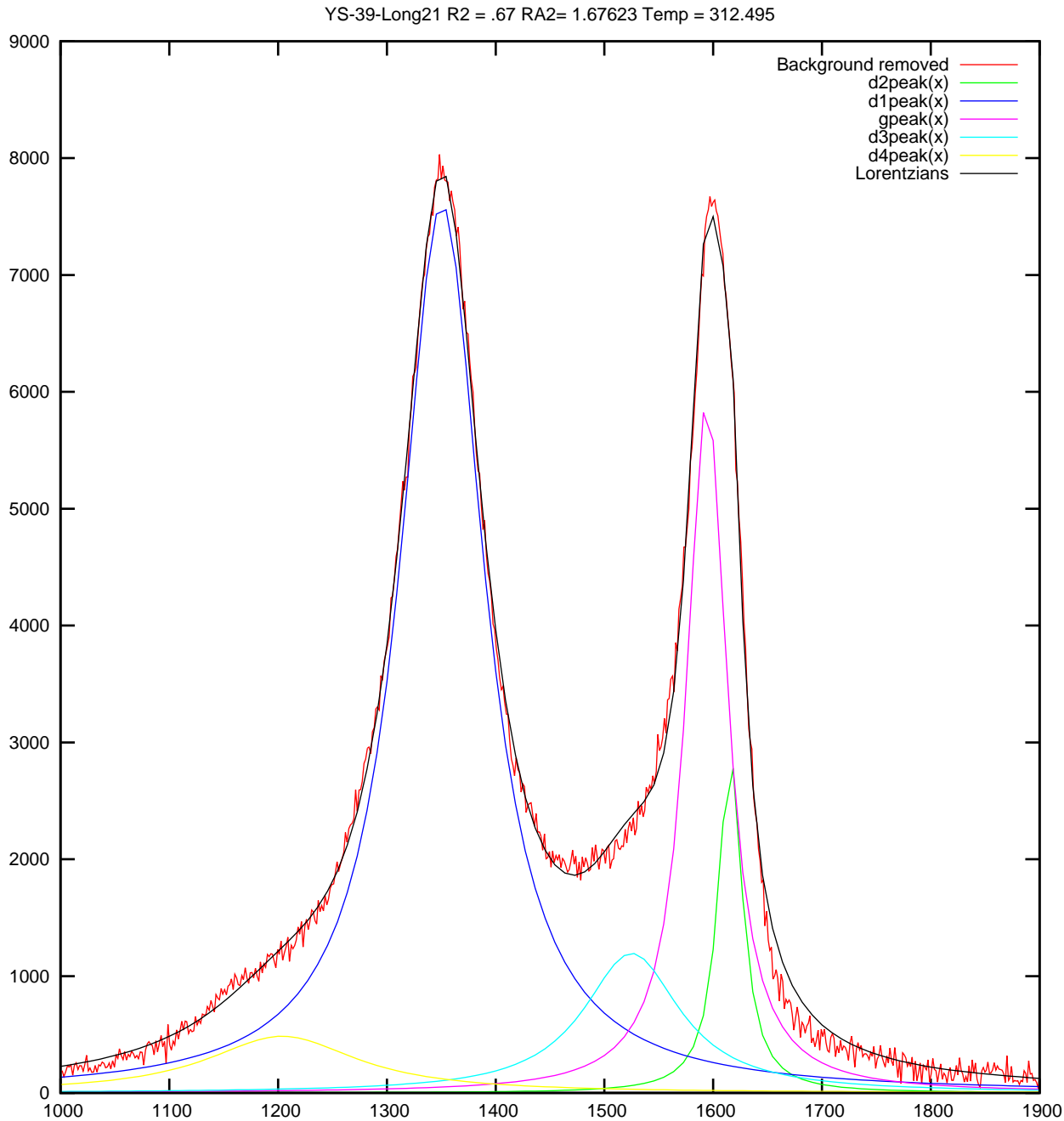
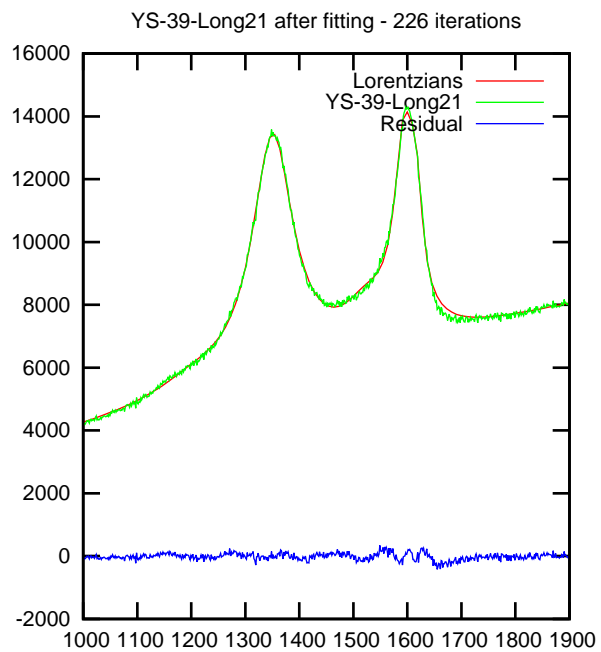
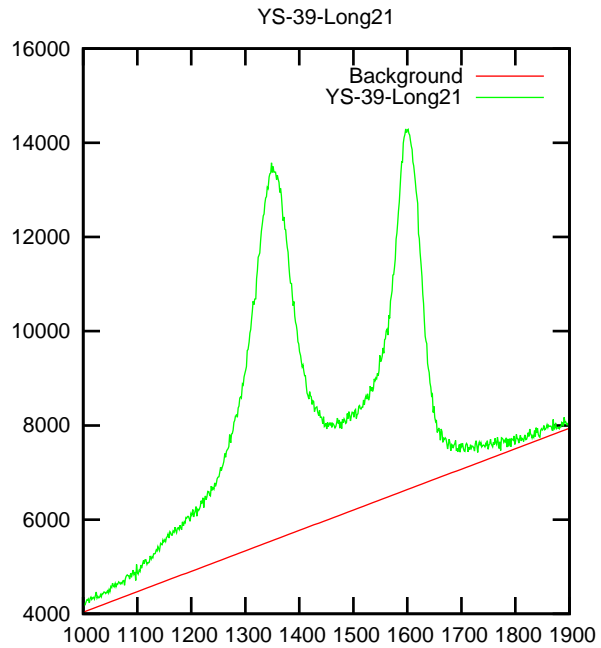




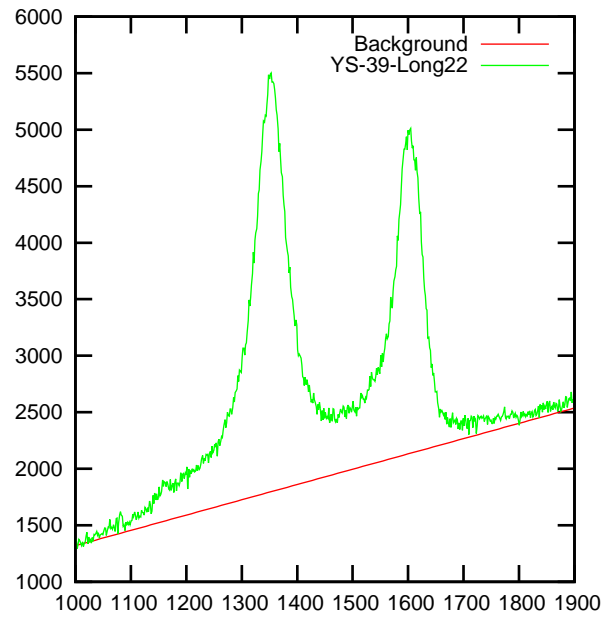




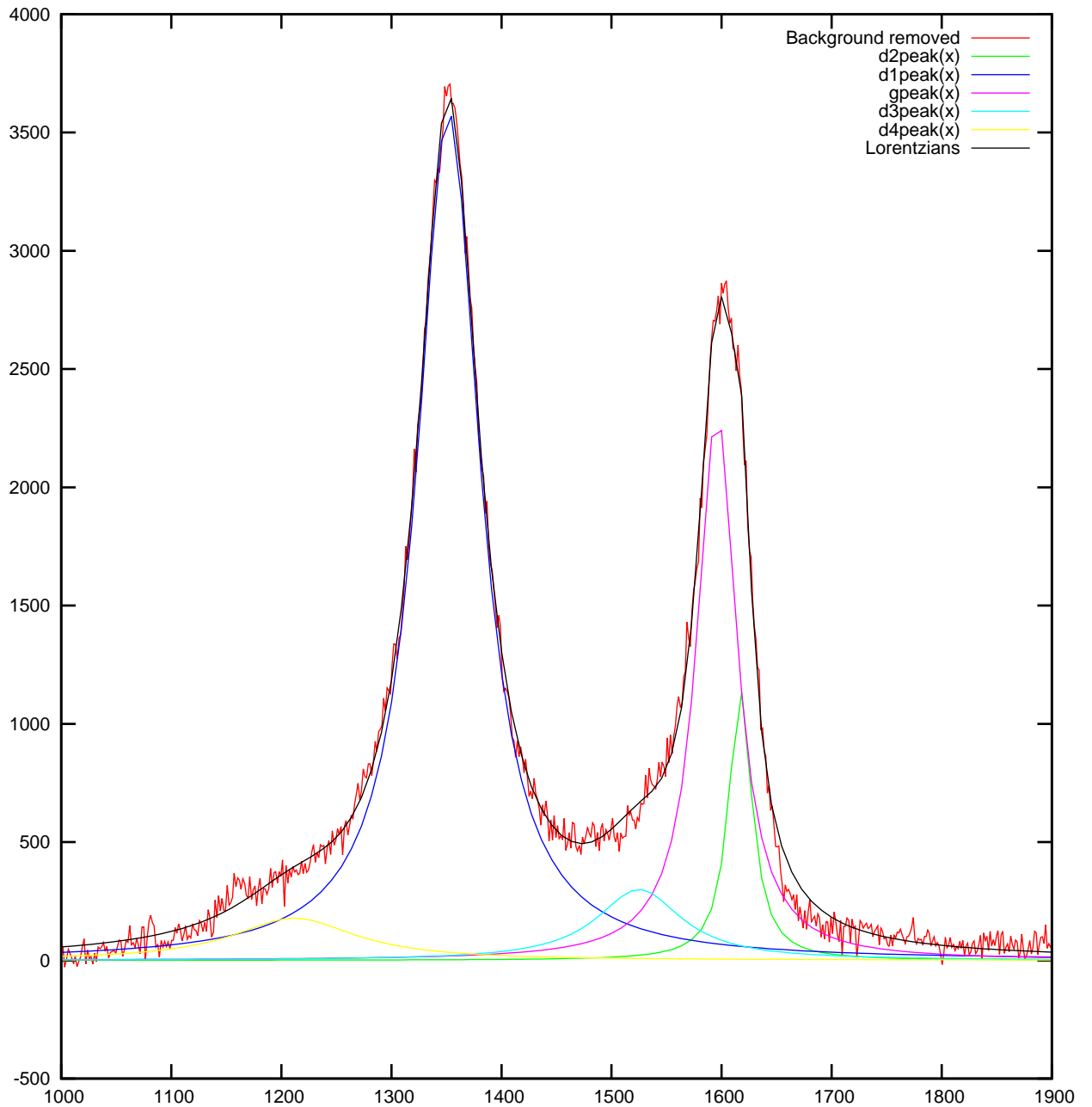




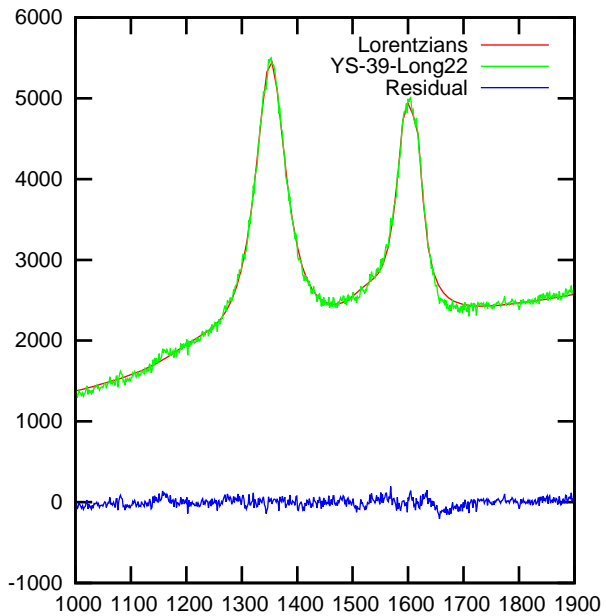
YS-39-Long22

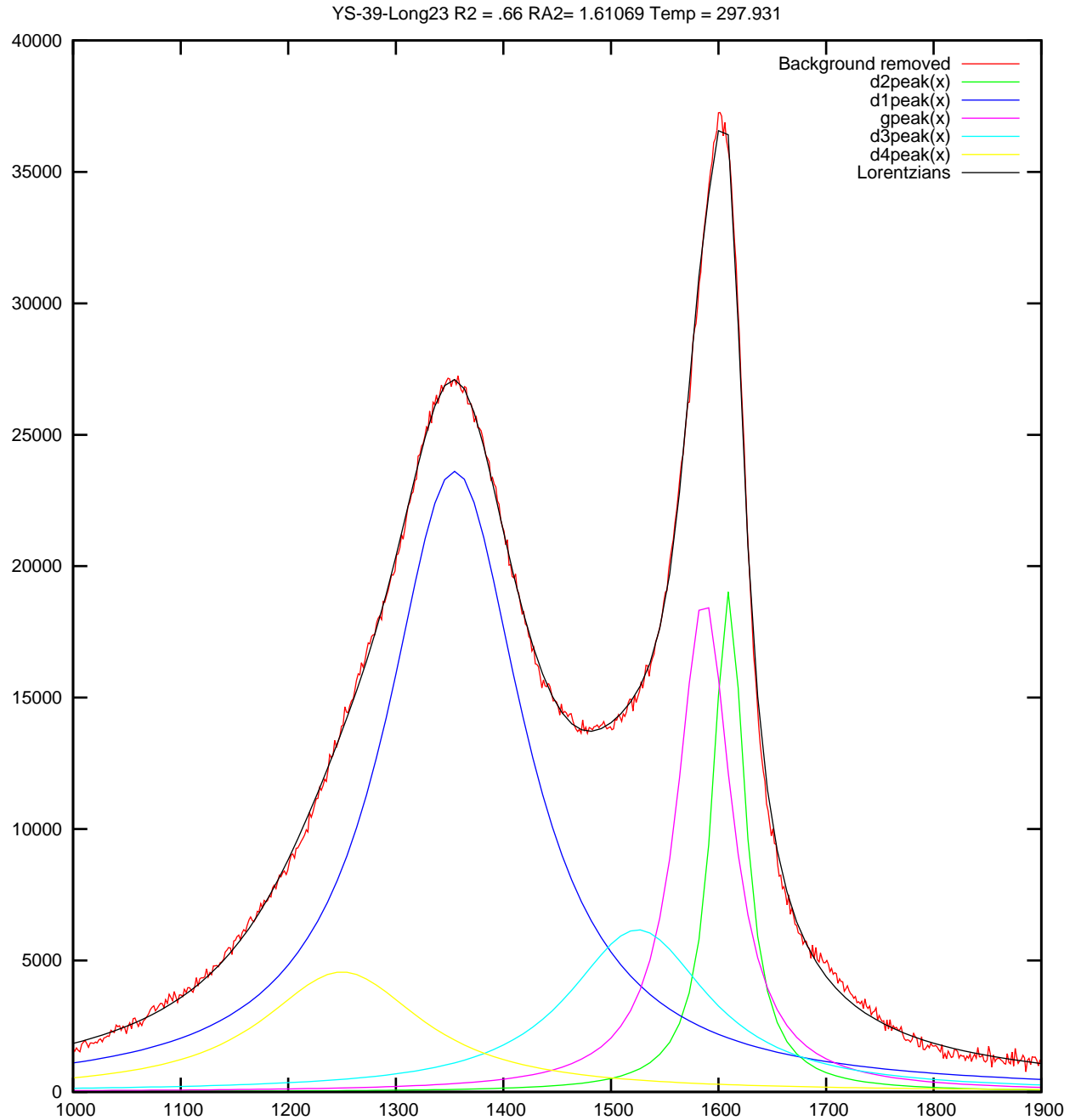
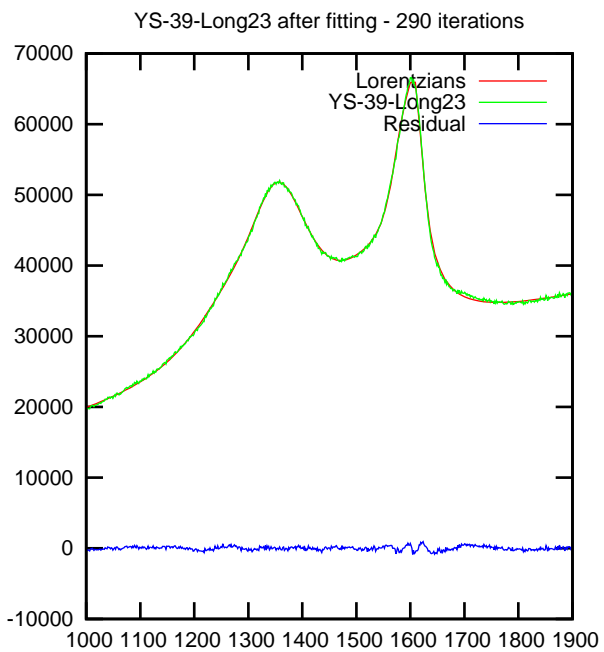
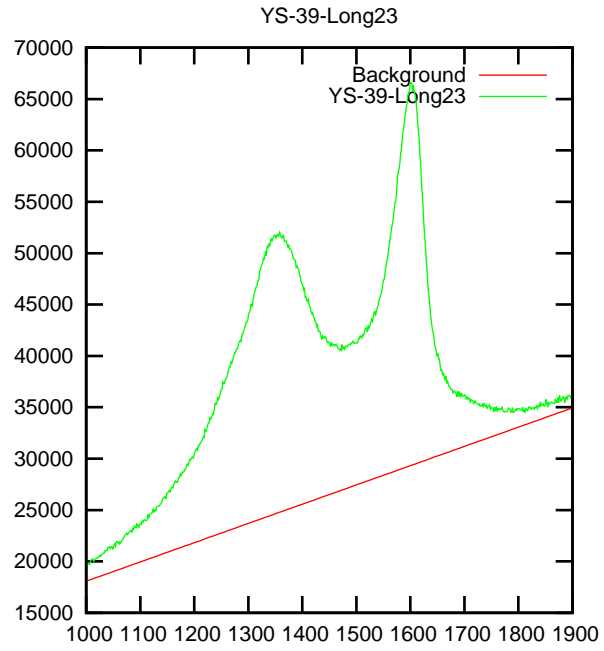


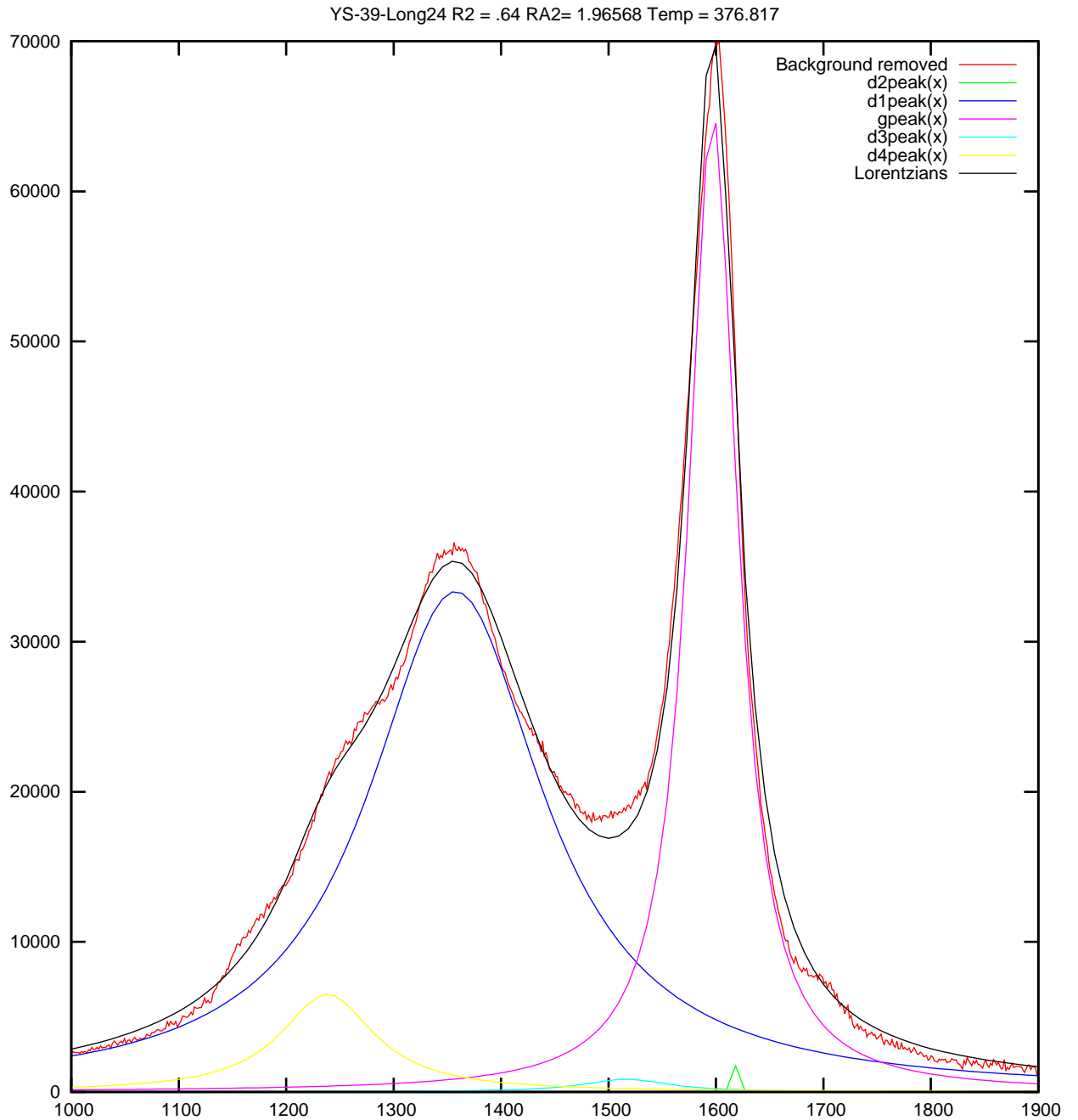
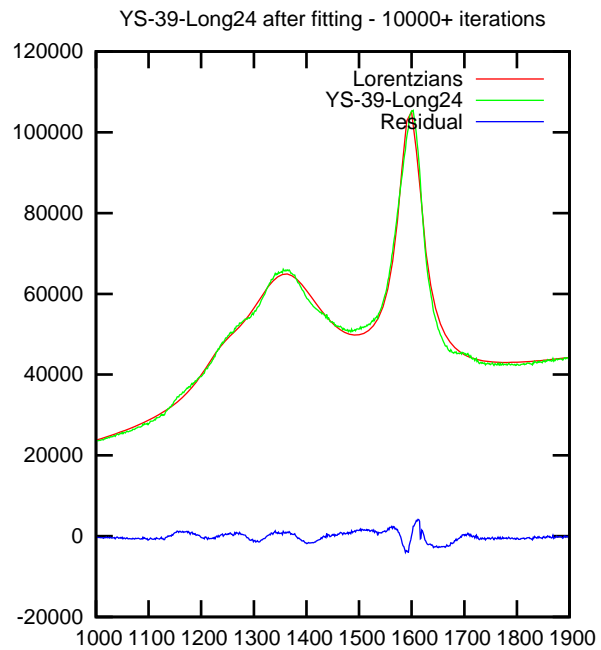
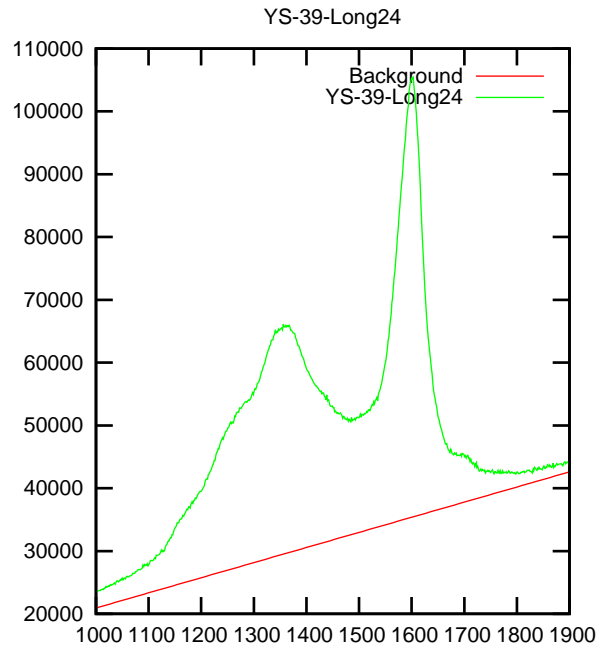
YS-39-Long22 R2 = .65 RA2= 1.70842 Temp = 319.648

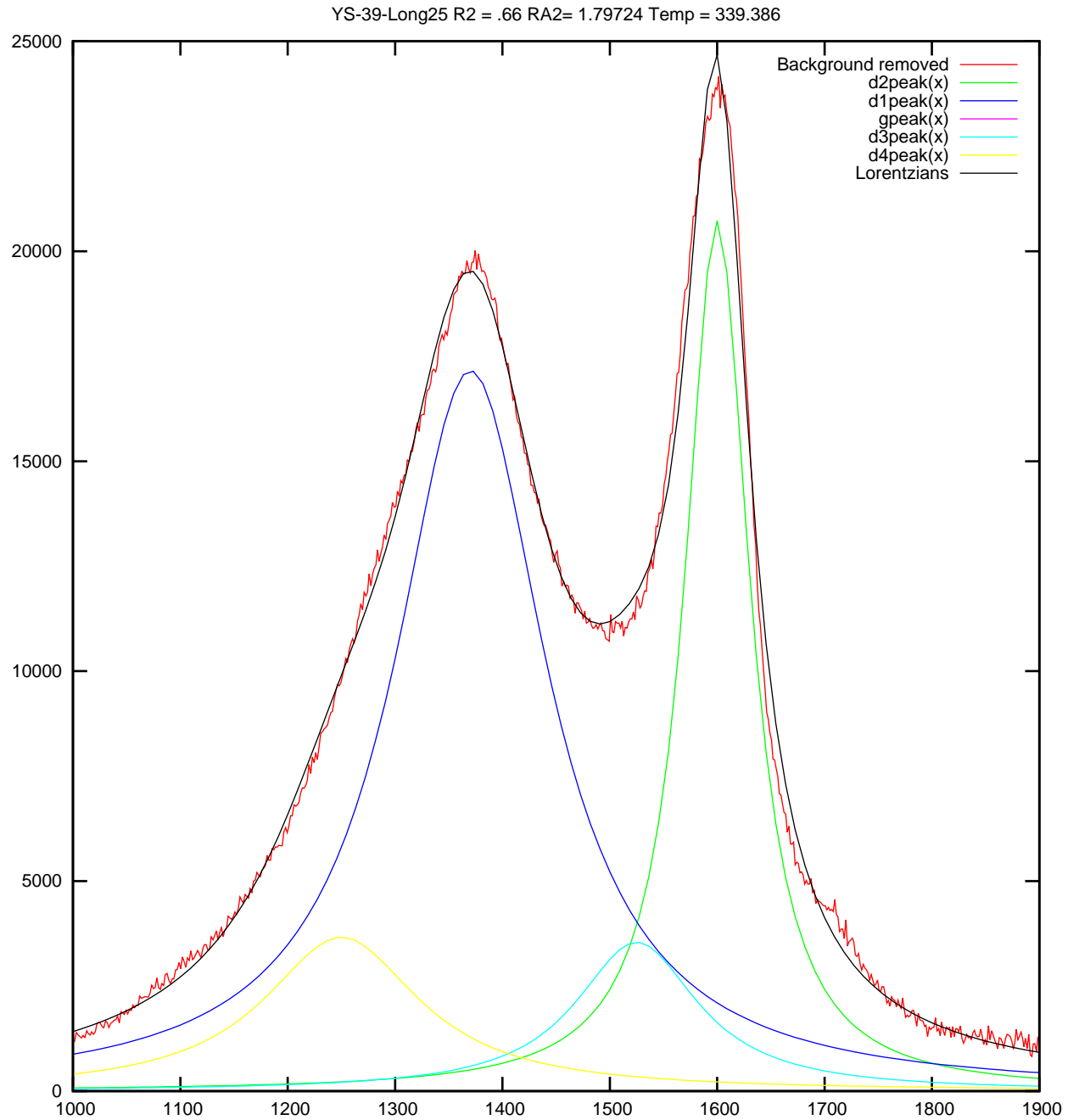
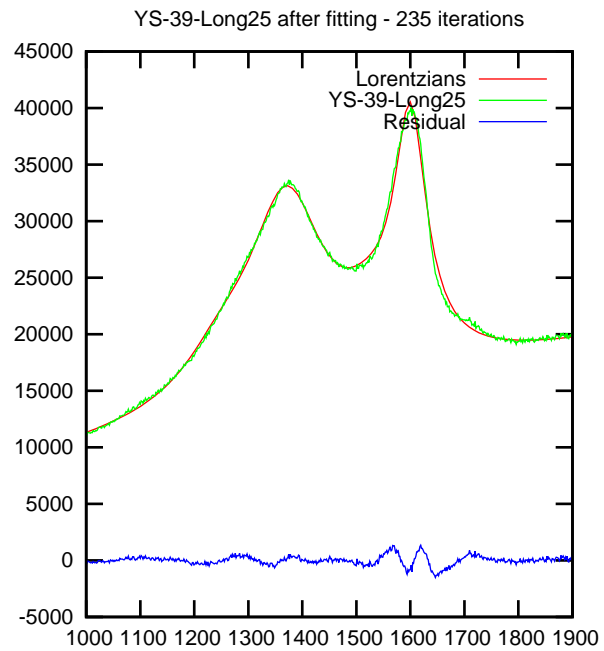
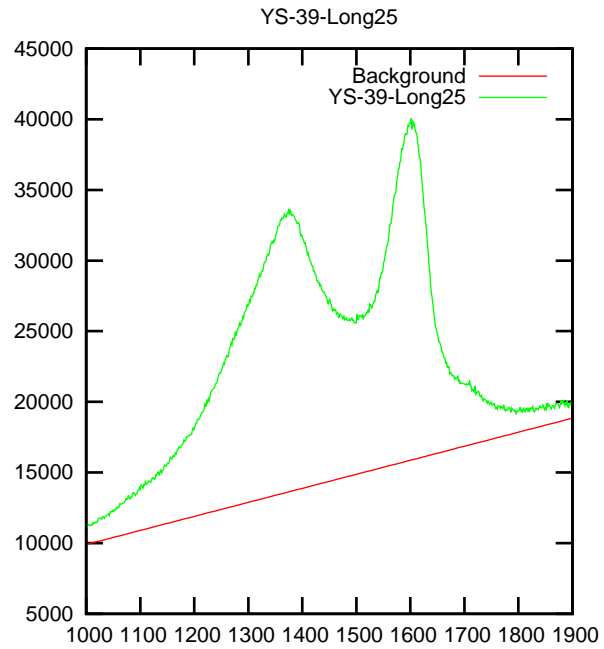


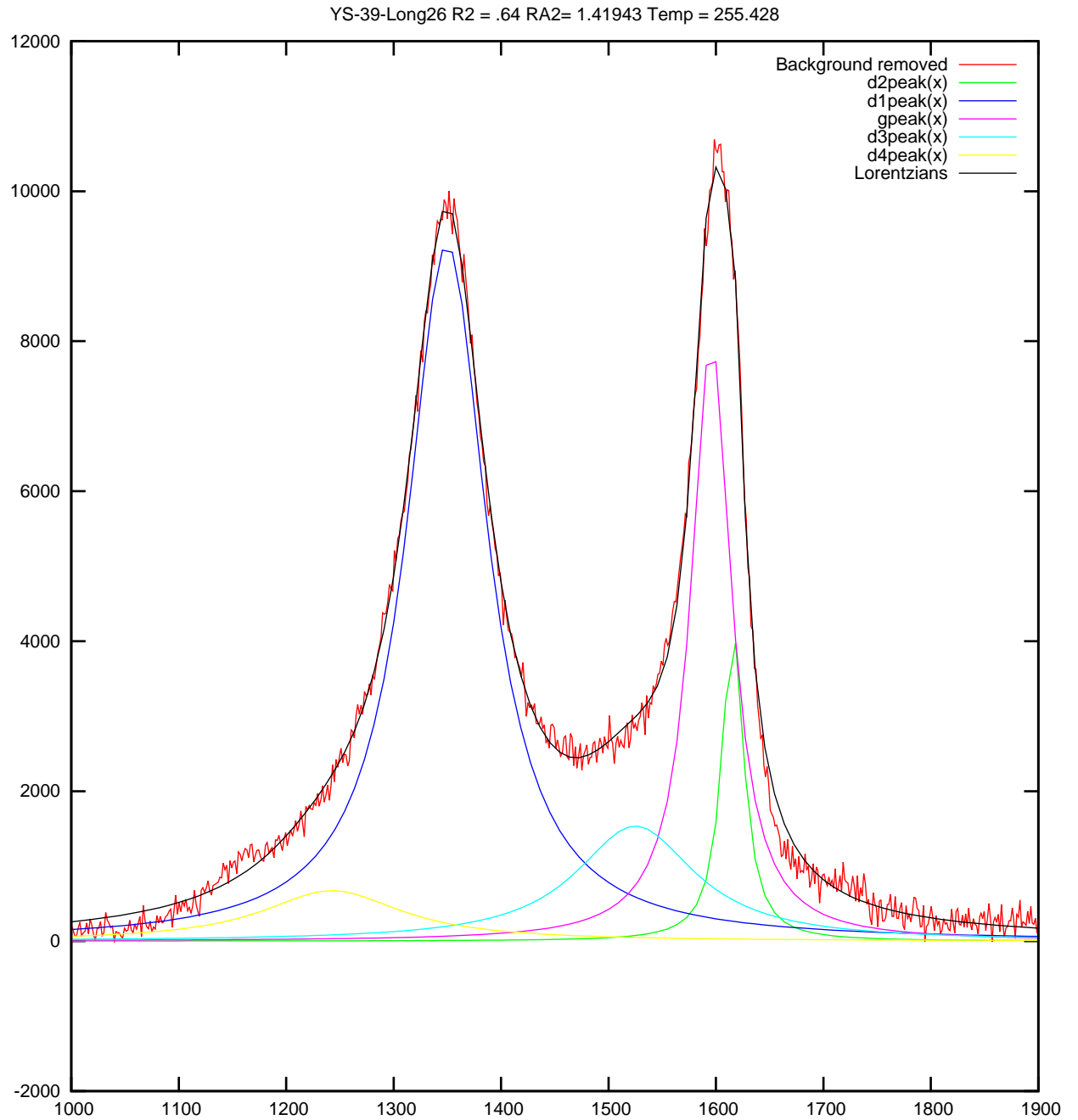
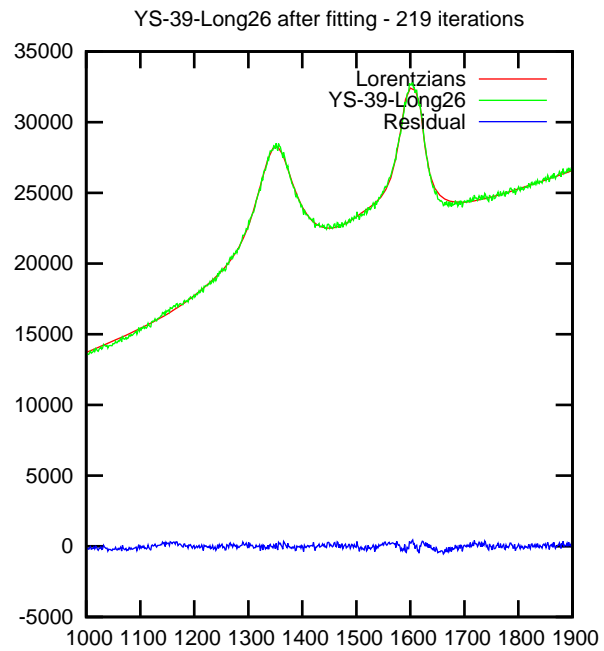
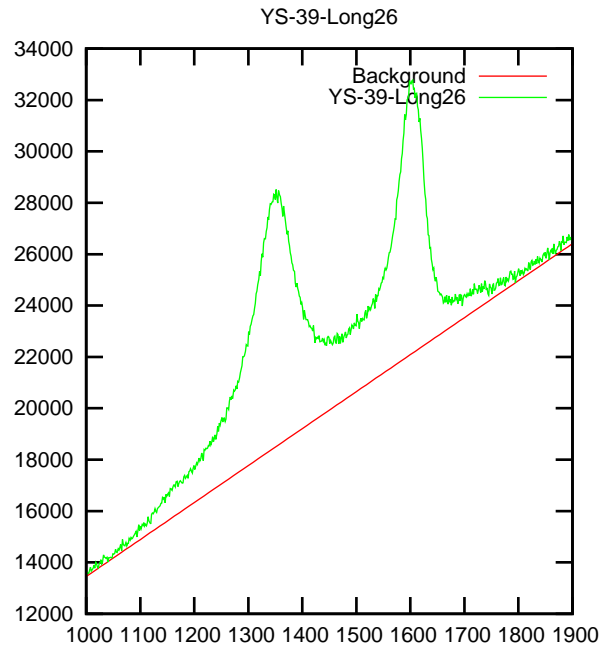
YS-39-Long22 after fitting - 65 iterations

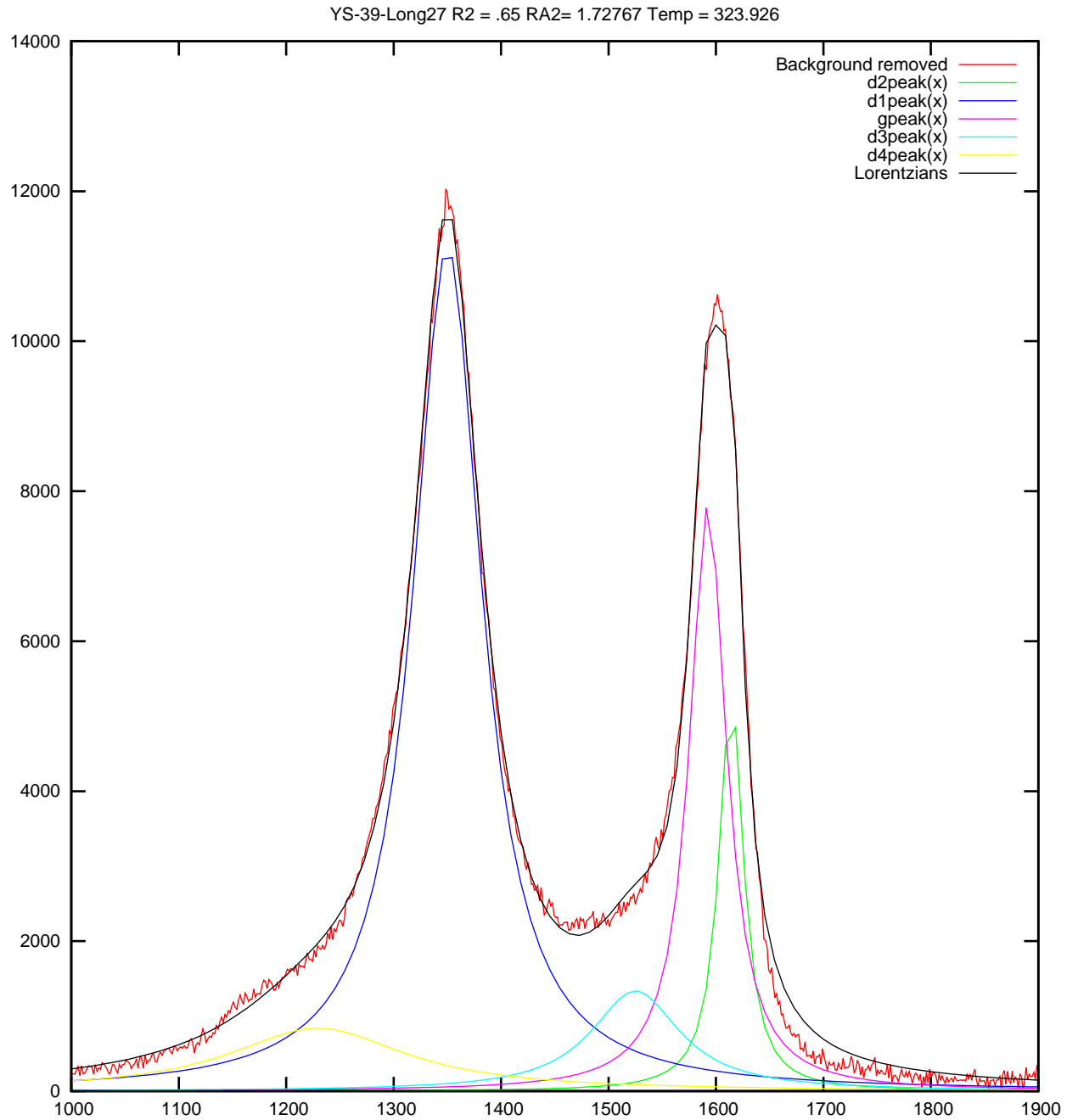
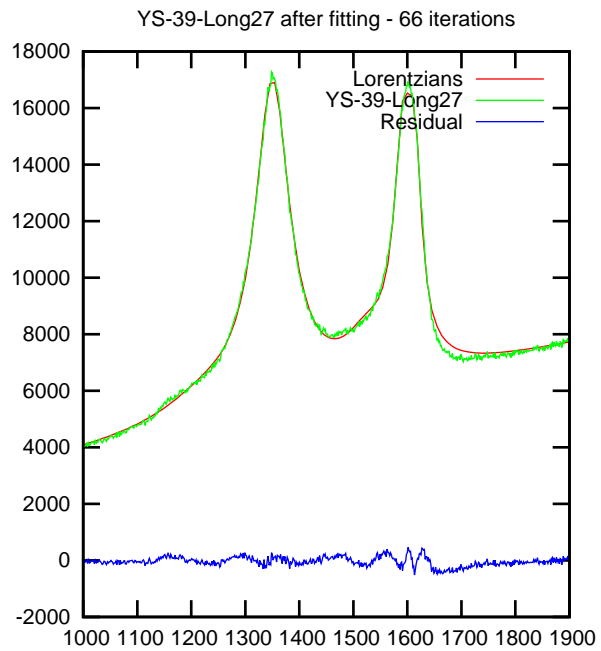
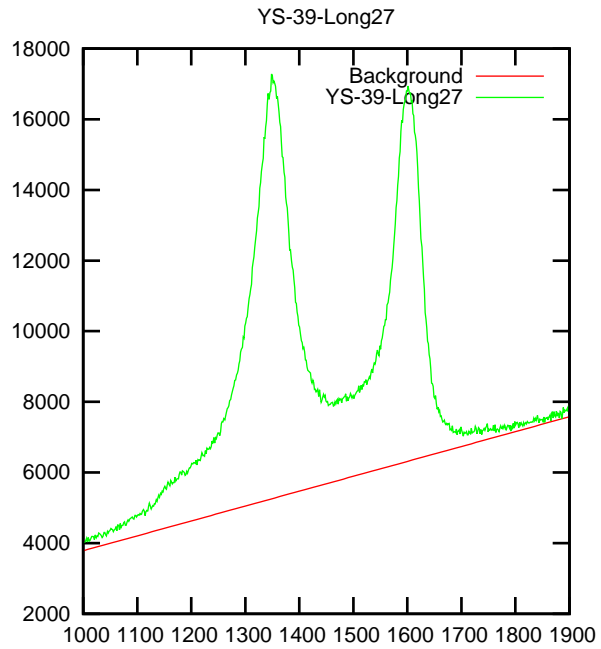


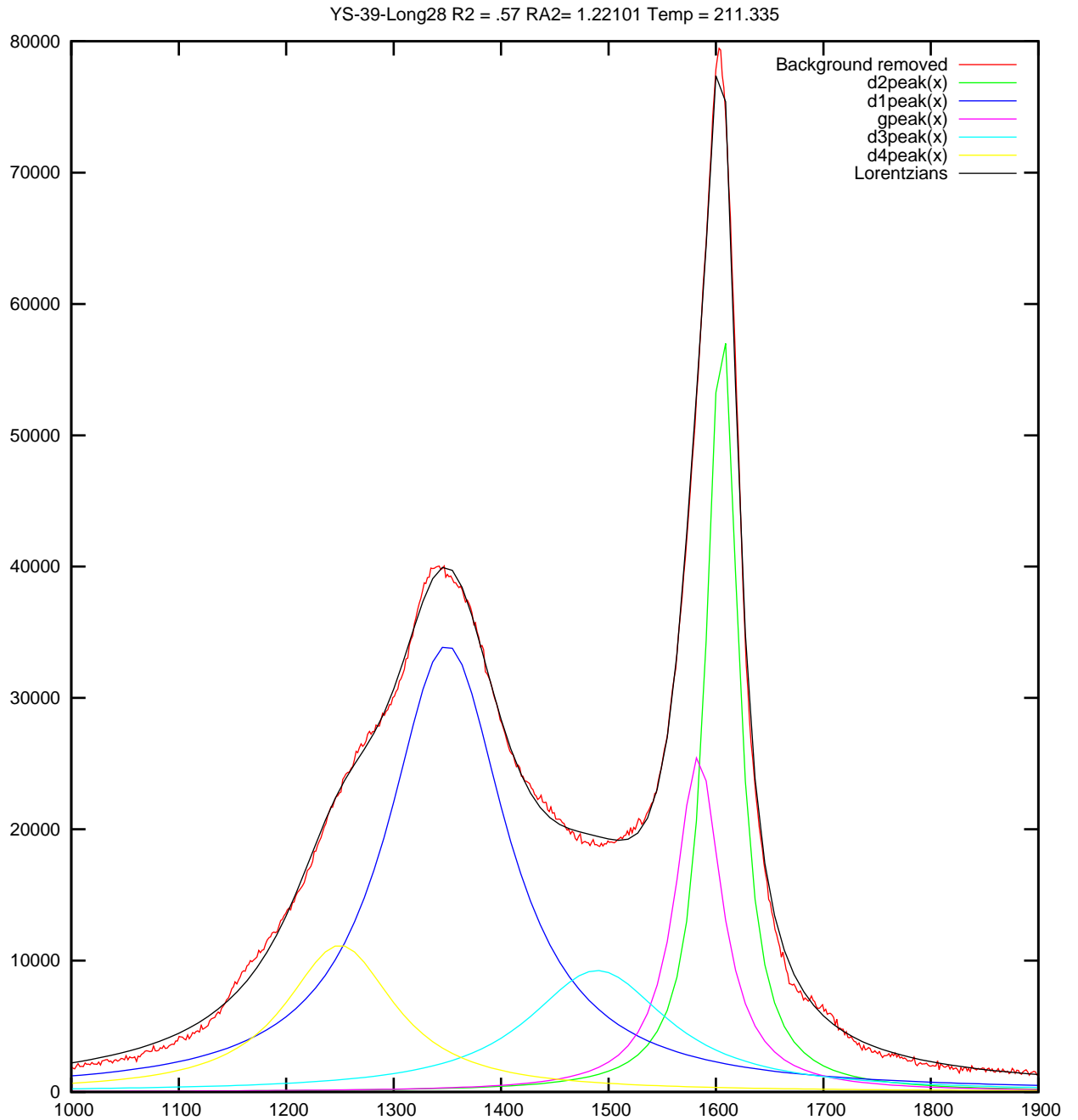
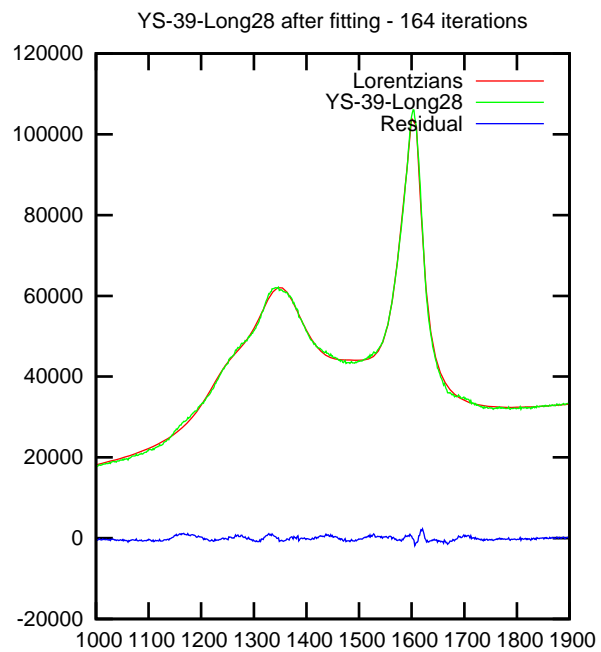
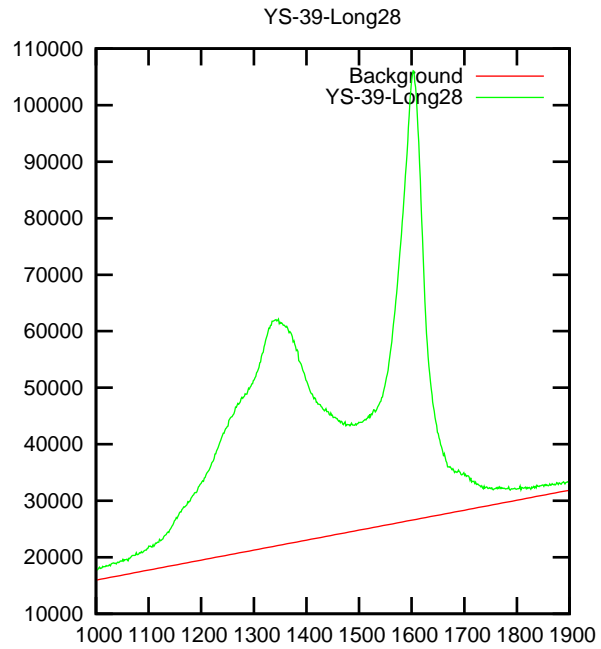


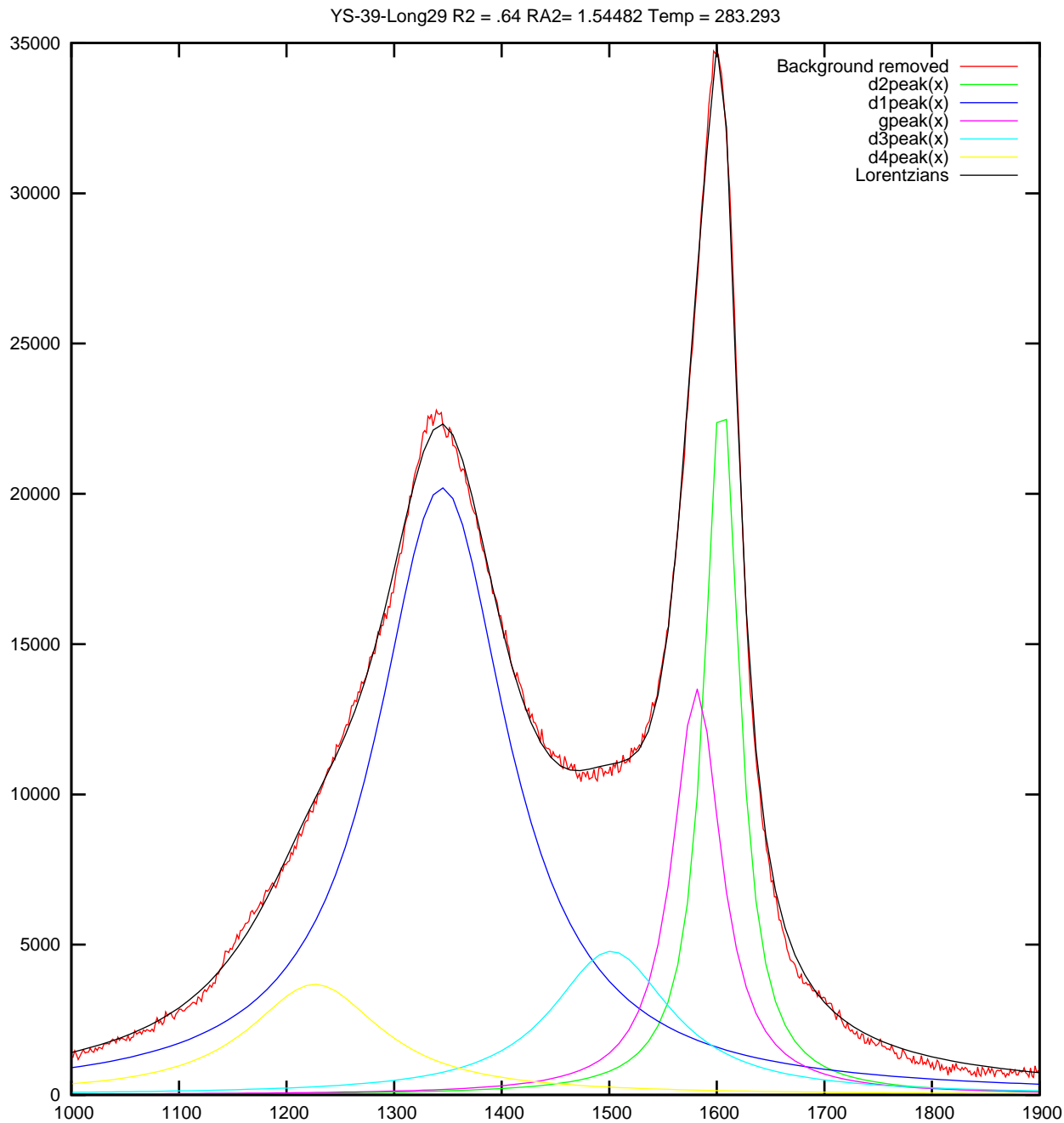
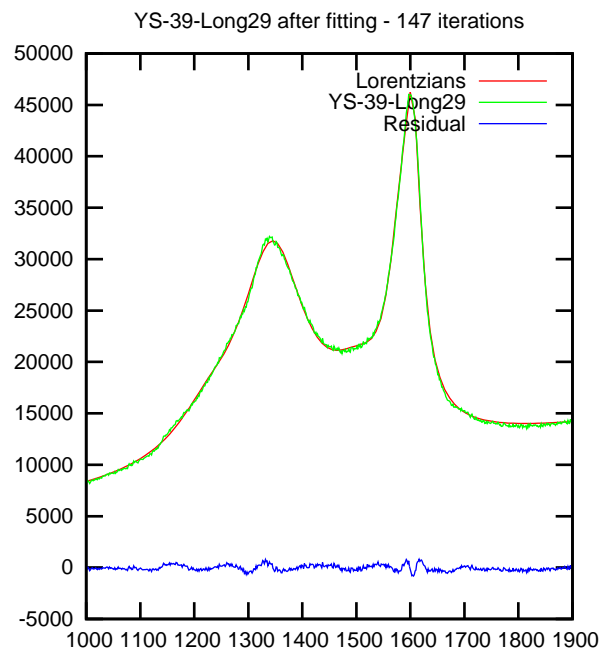
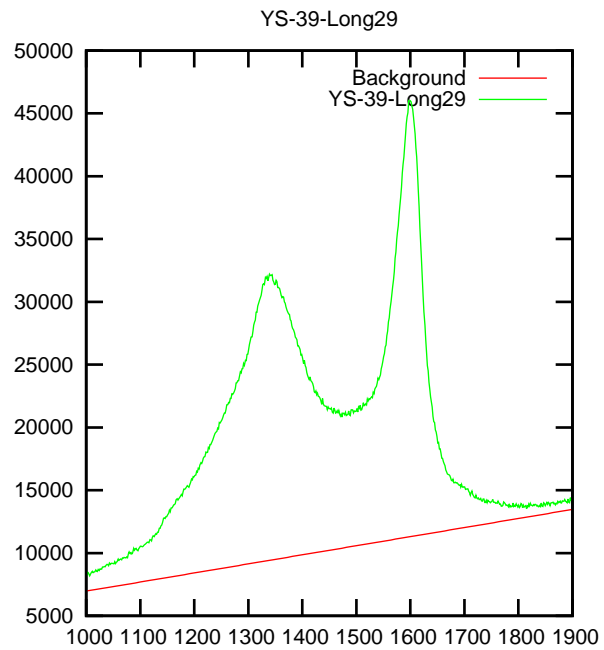


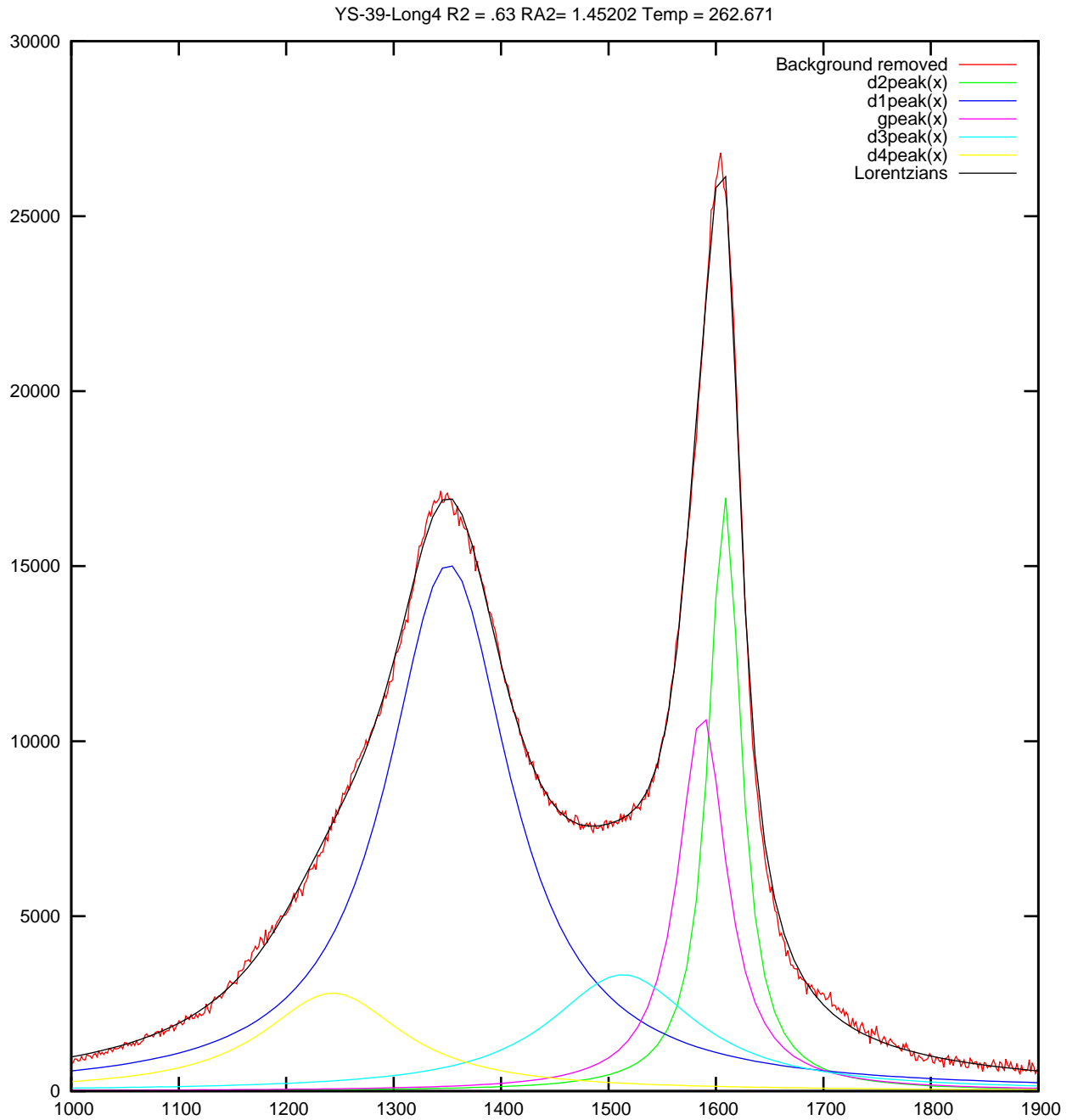
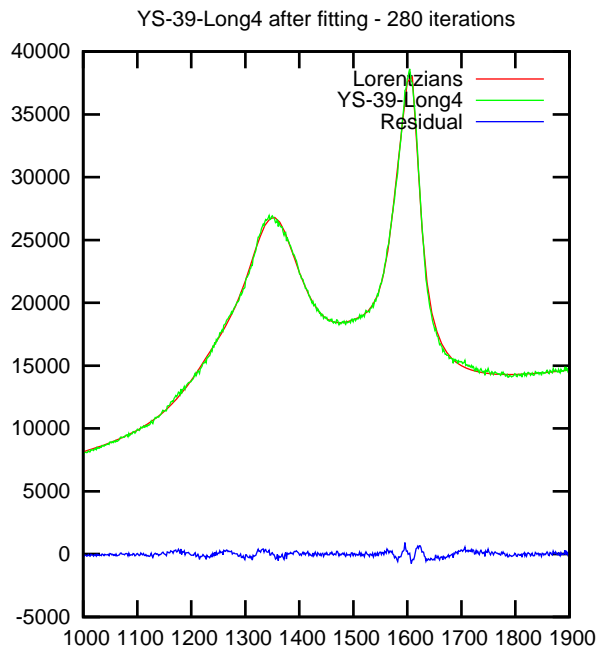
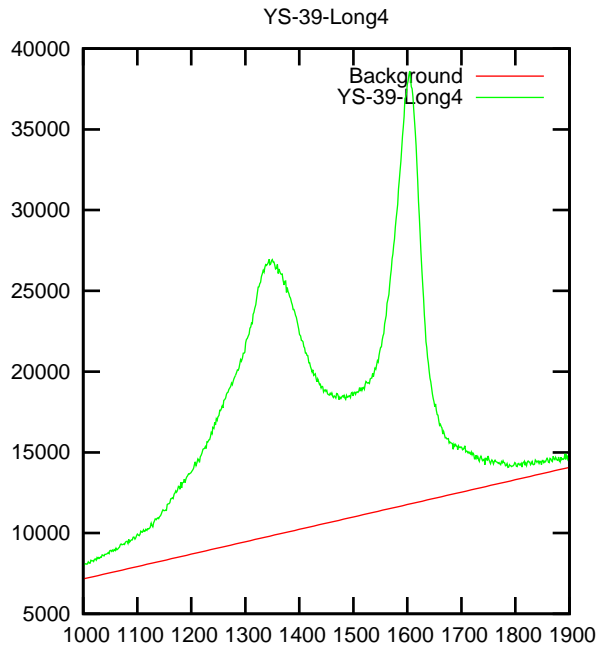


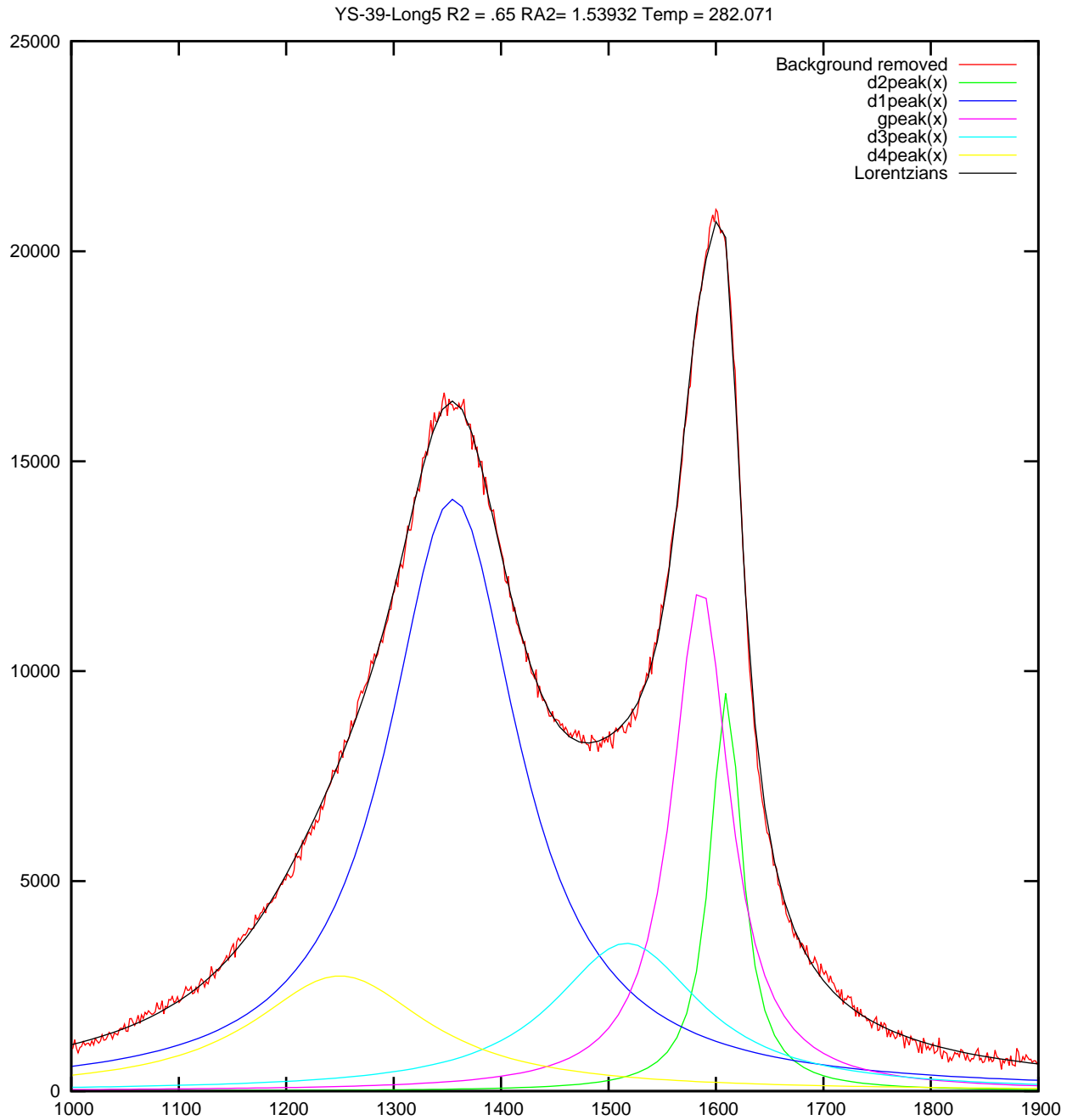
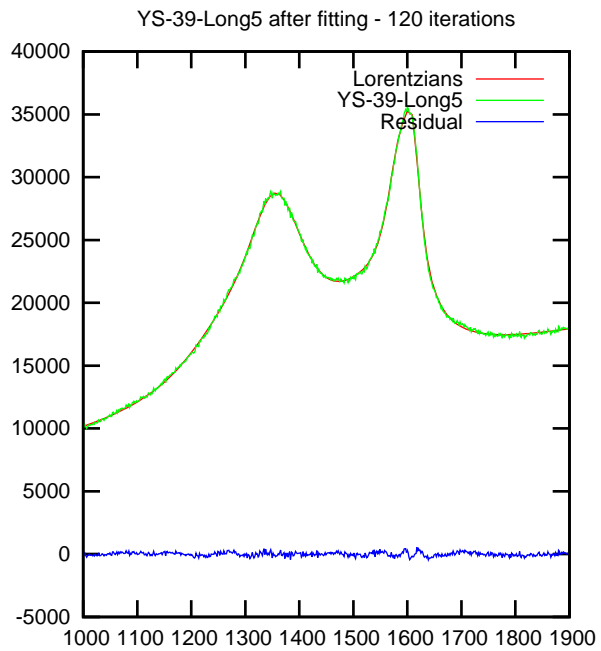
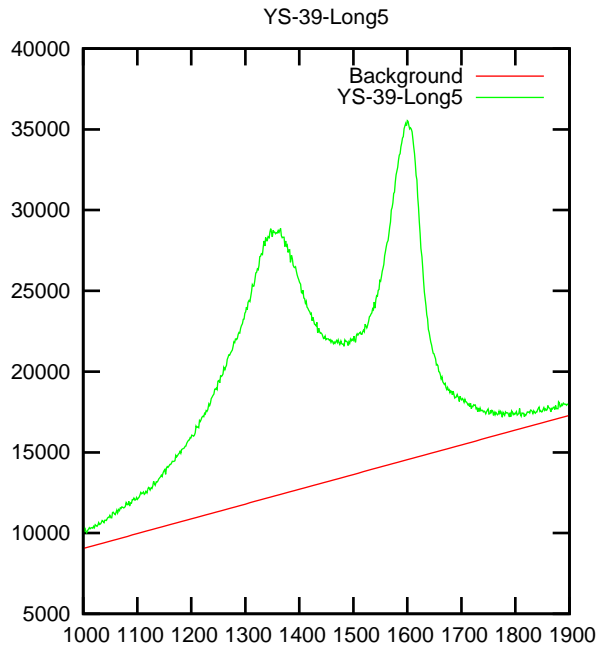


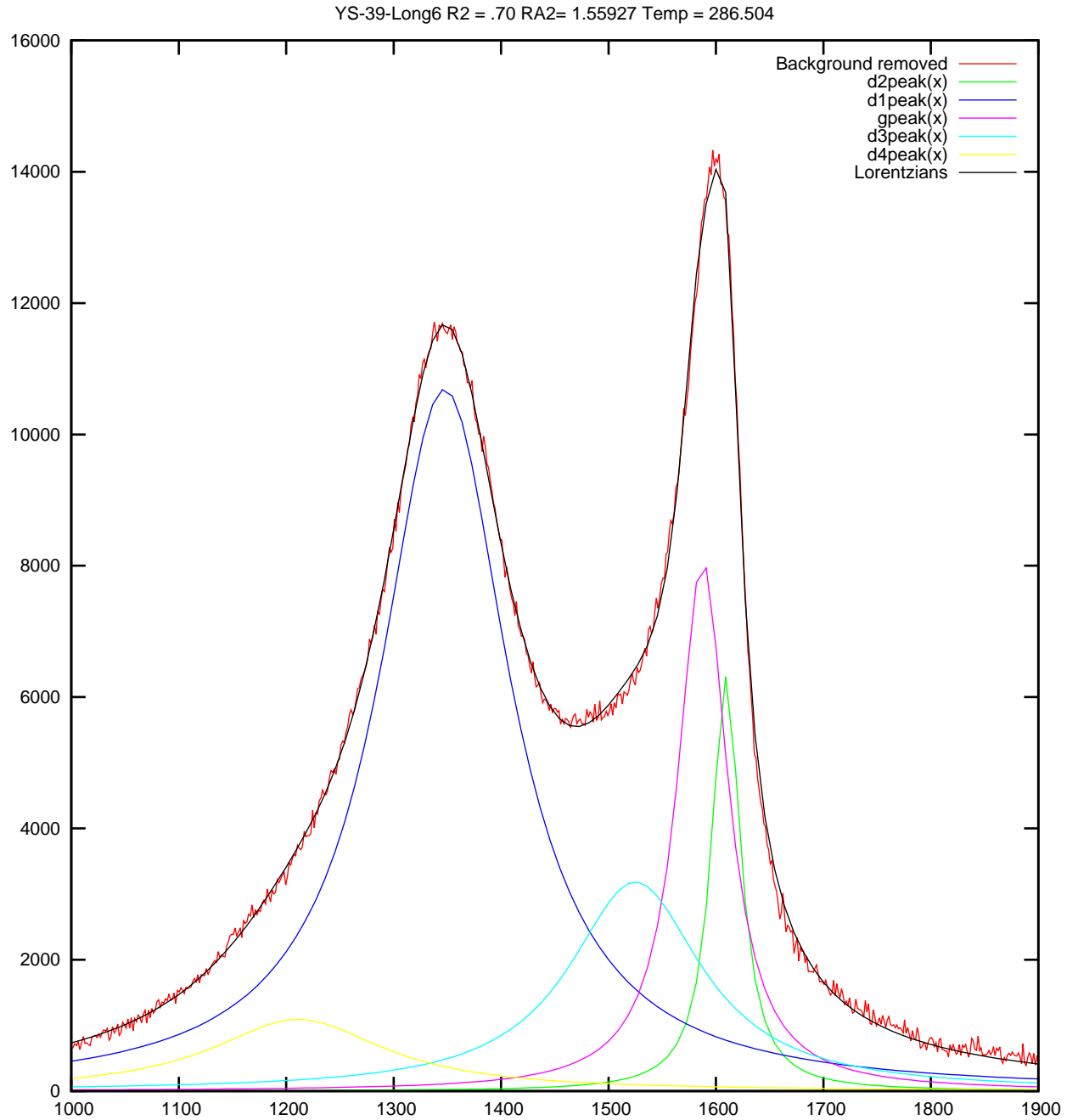
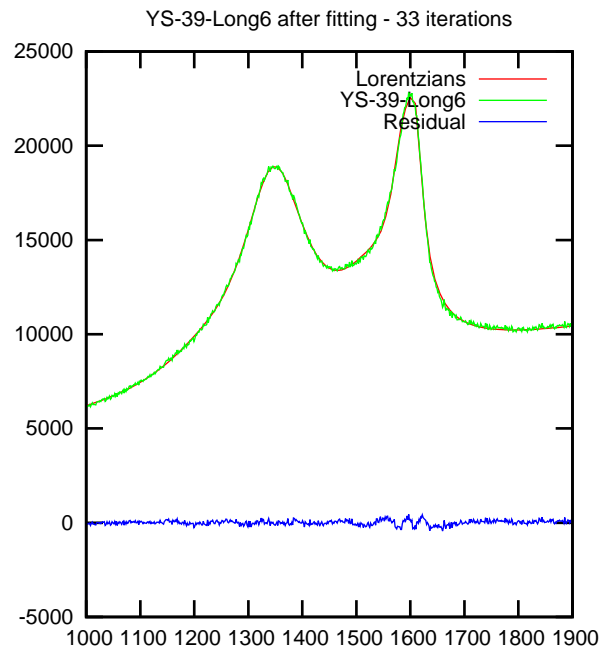
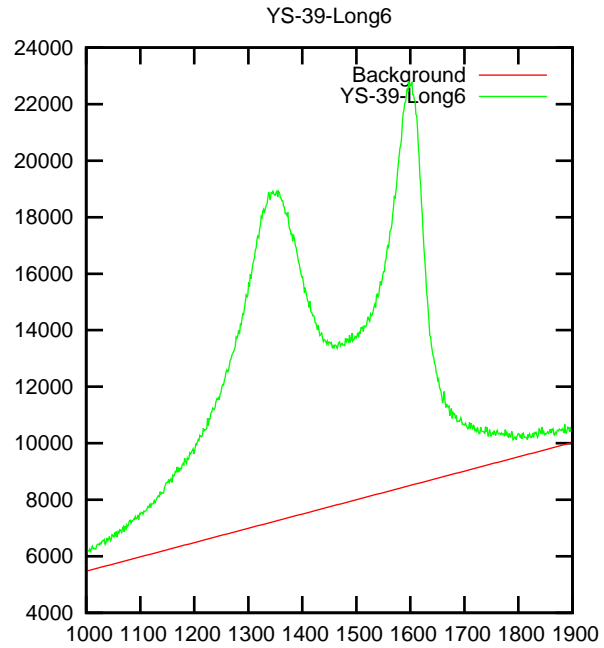


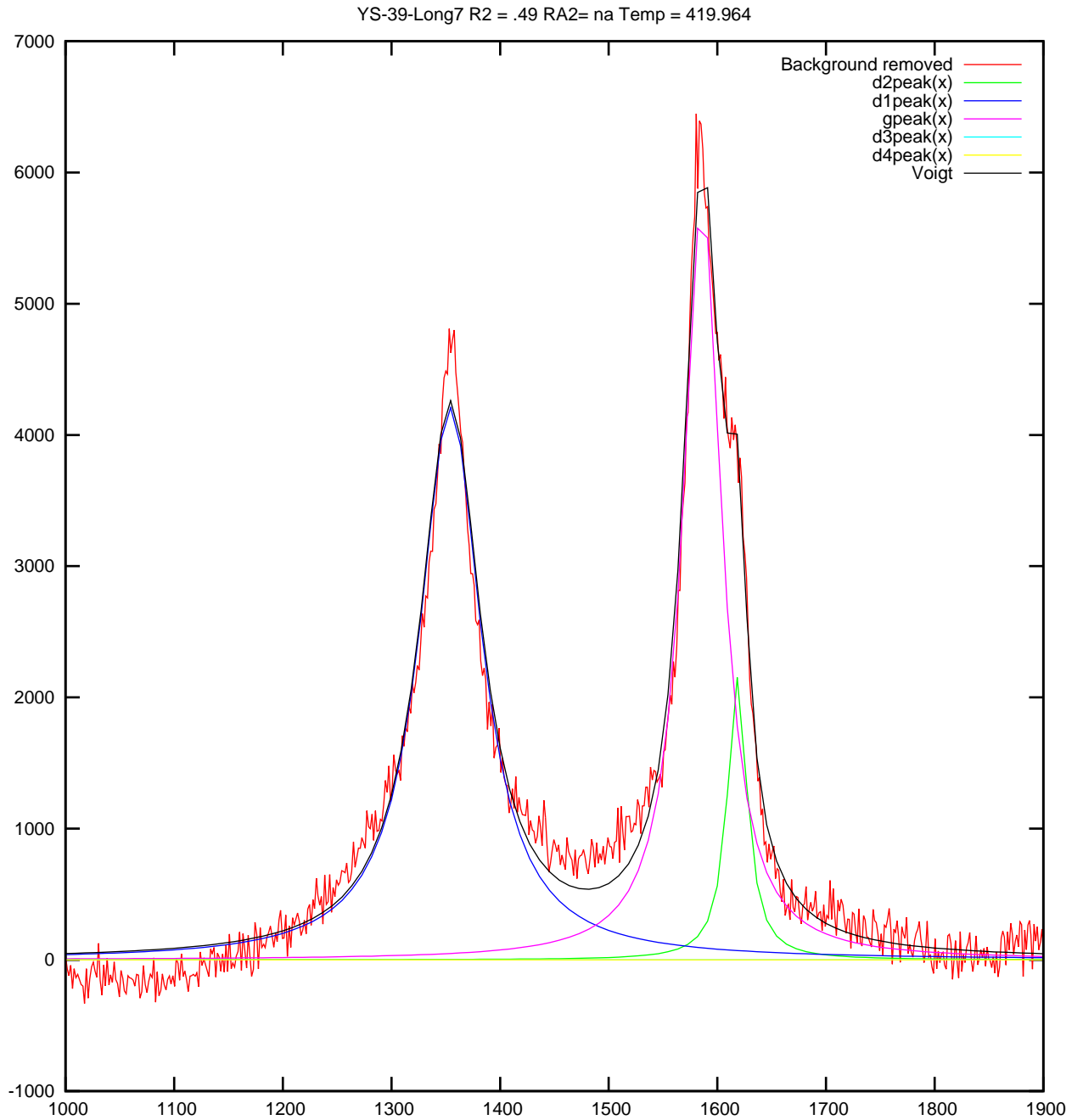
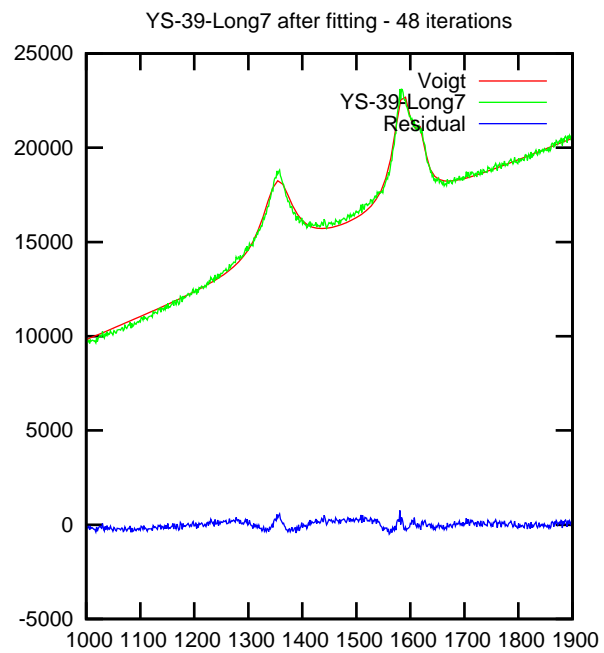
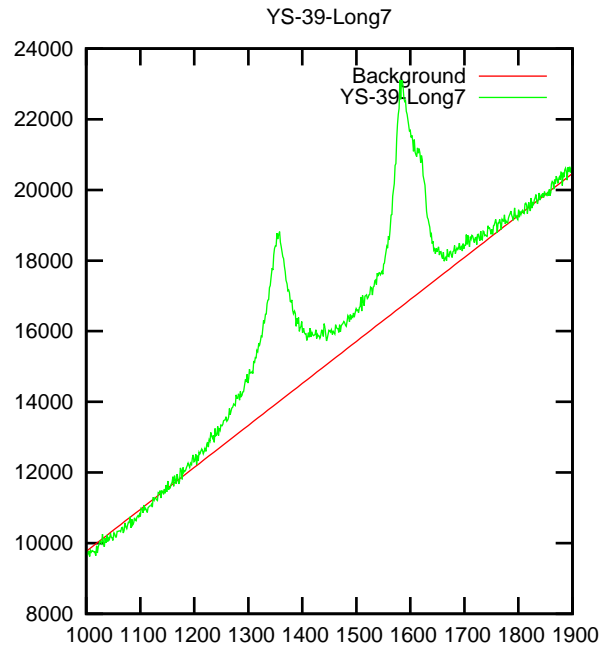




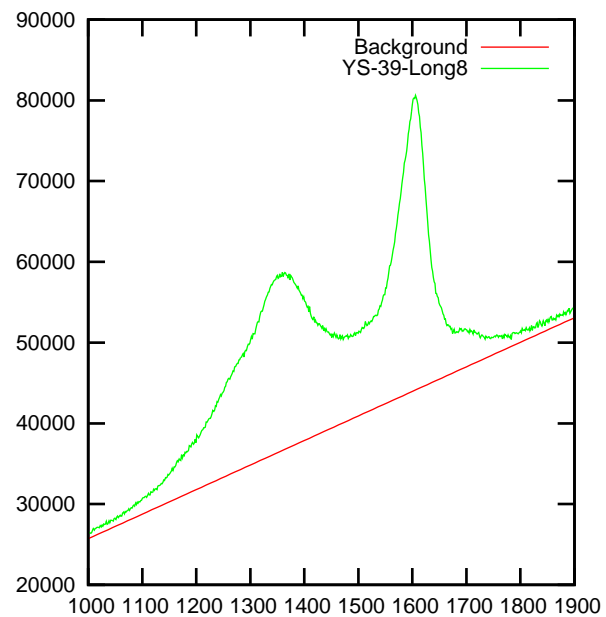




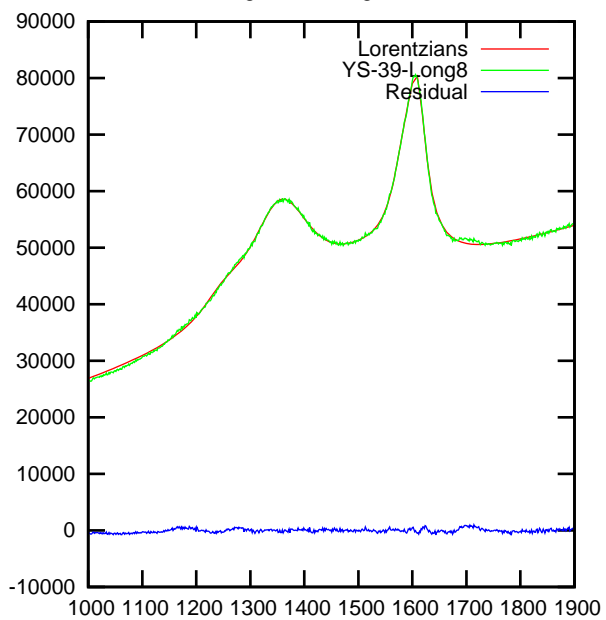




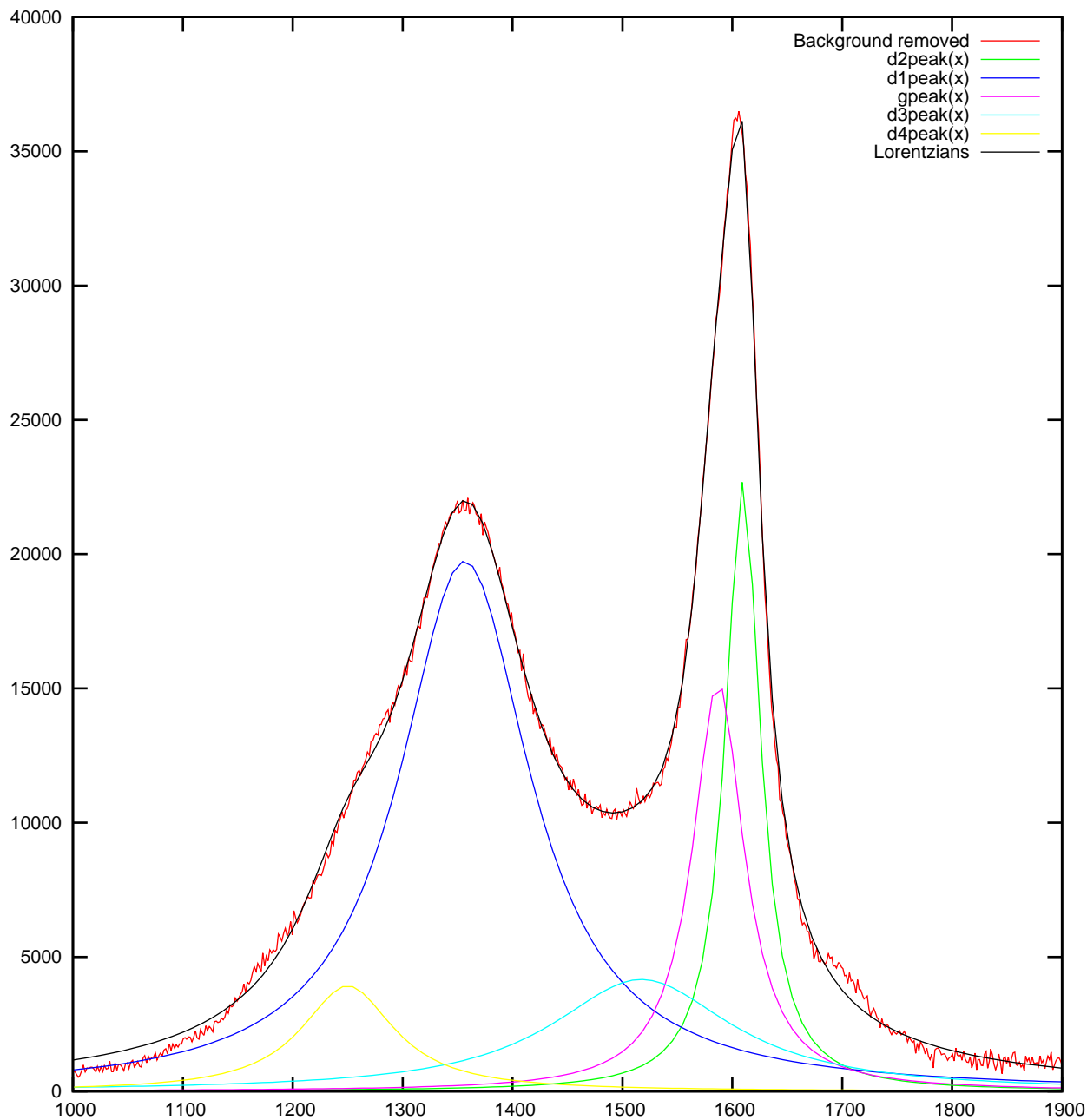
YS-39-Long8

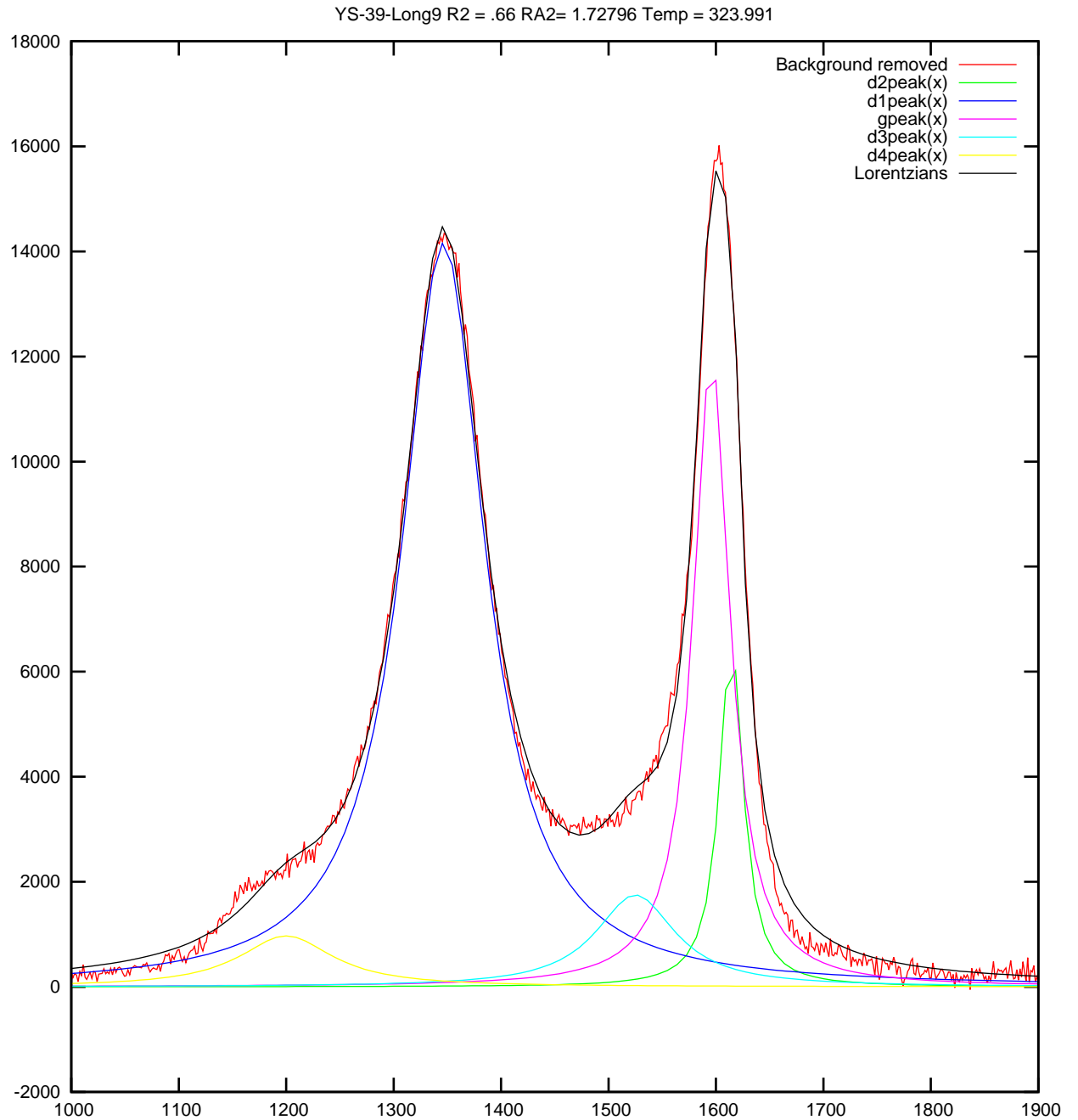
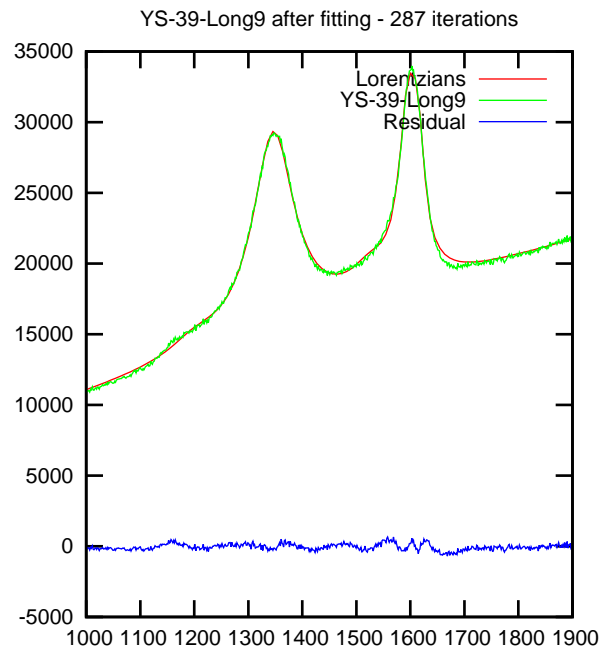
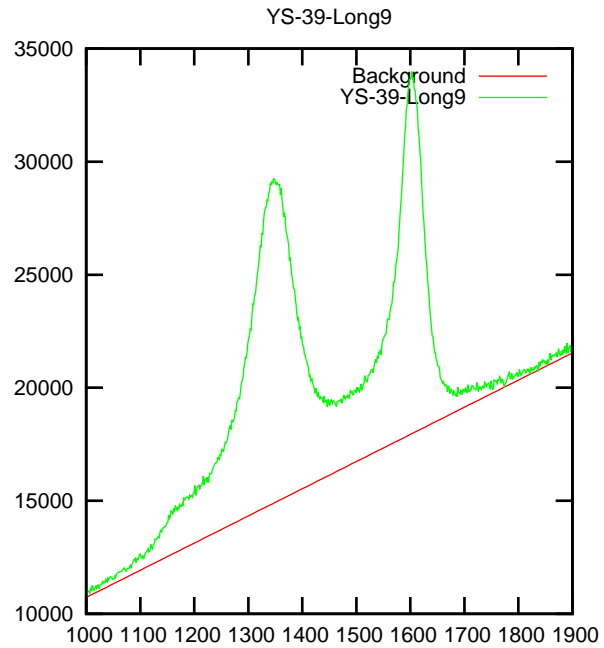


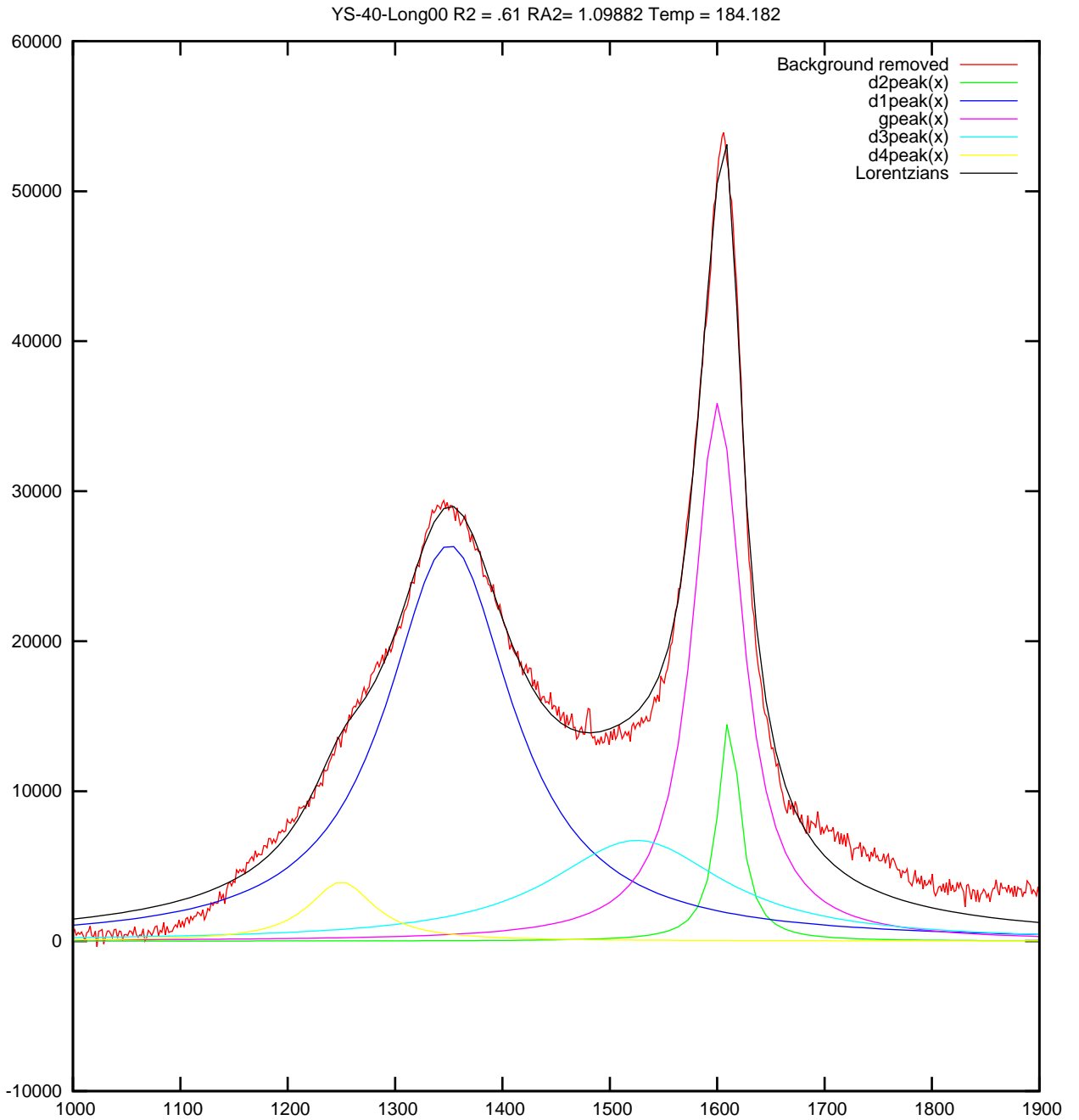
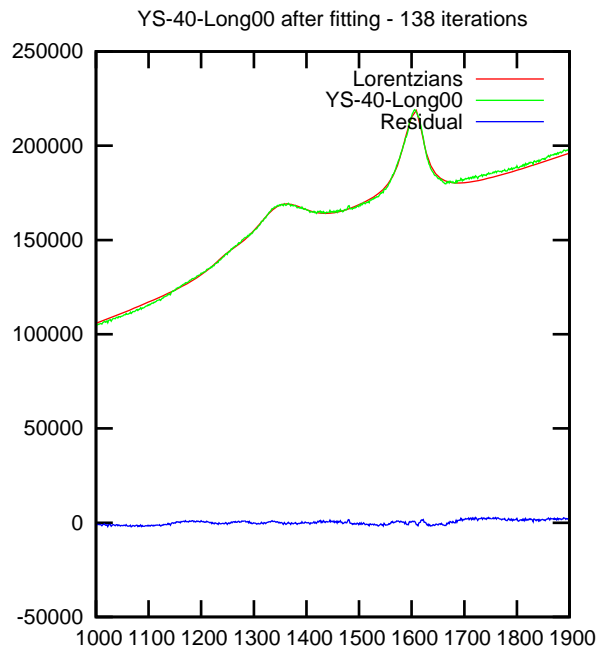
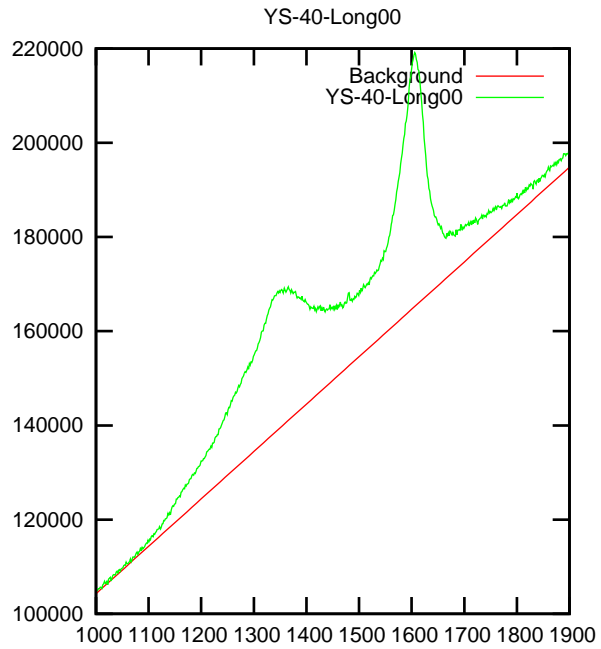
YS-39-Long8 after fitting - 416 iterations

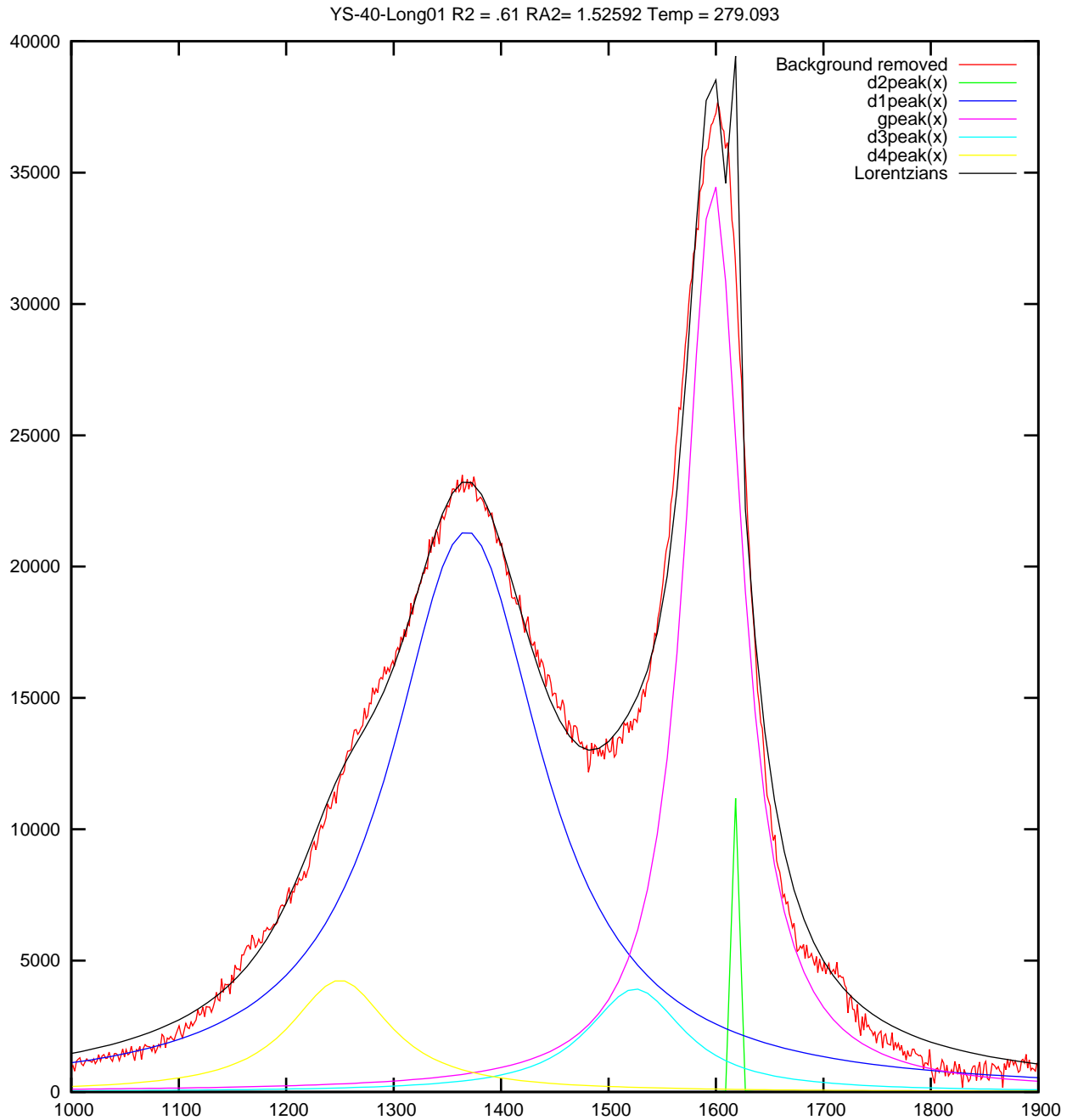
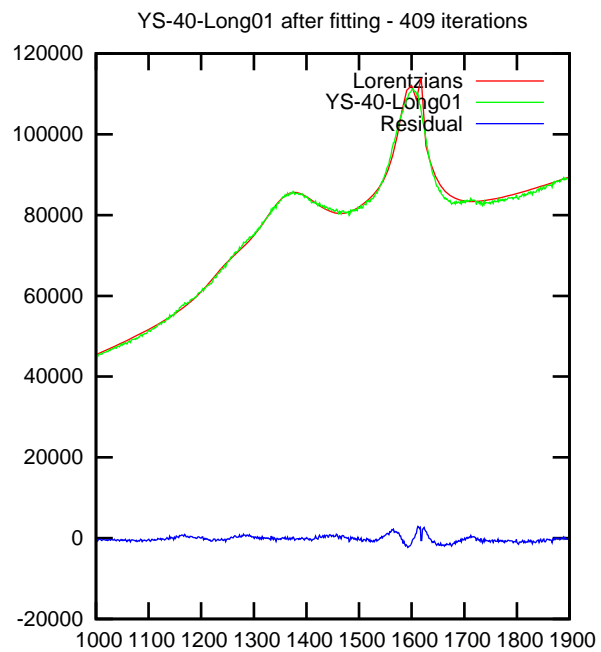
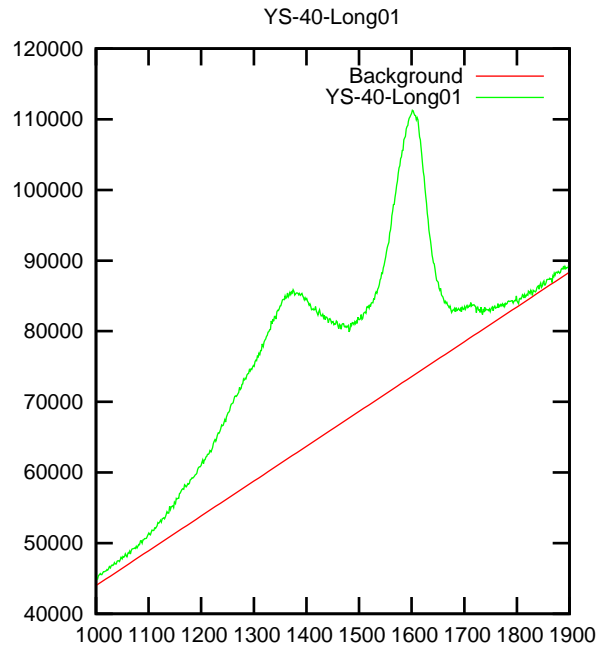


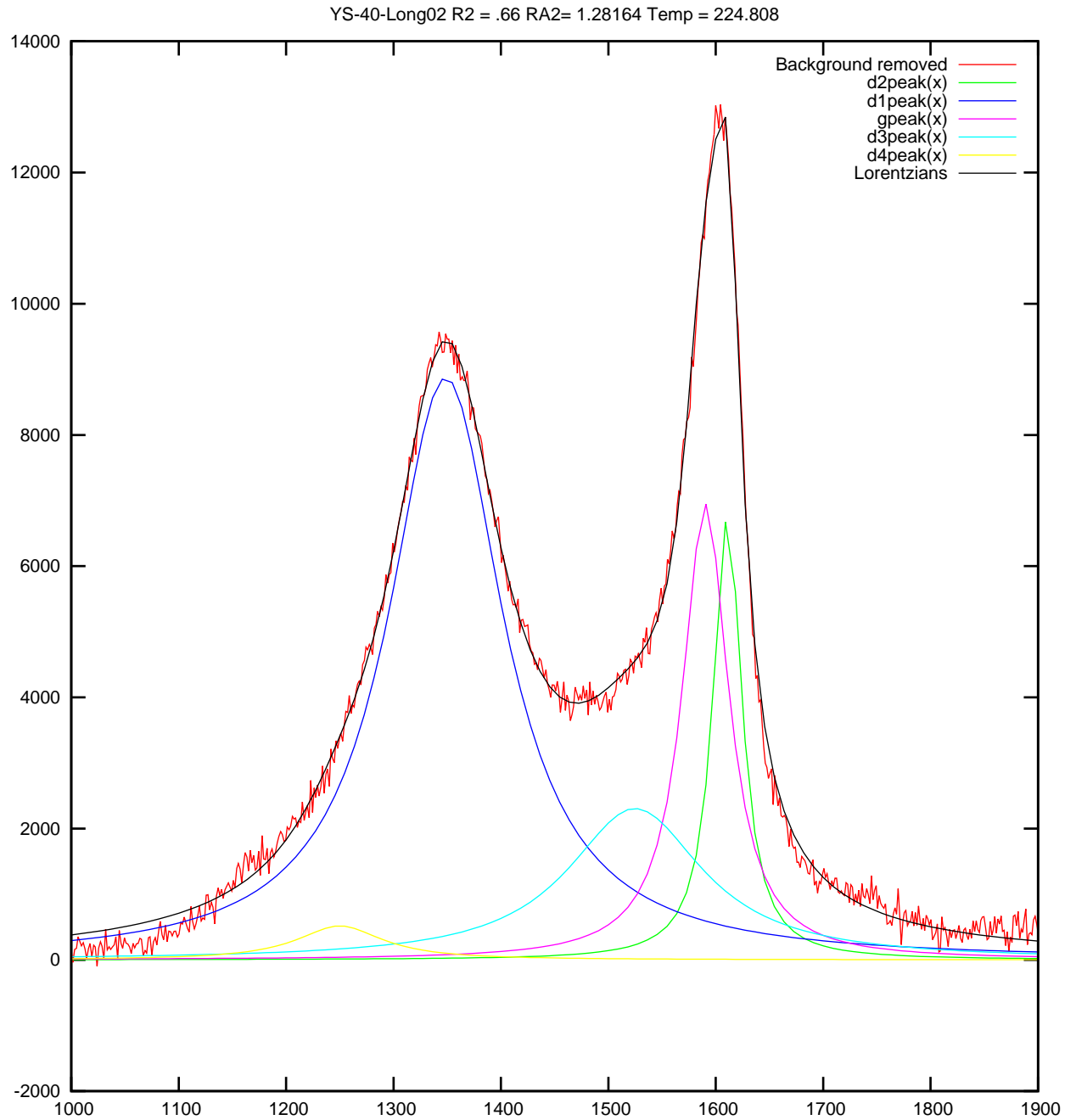
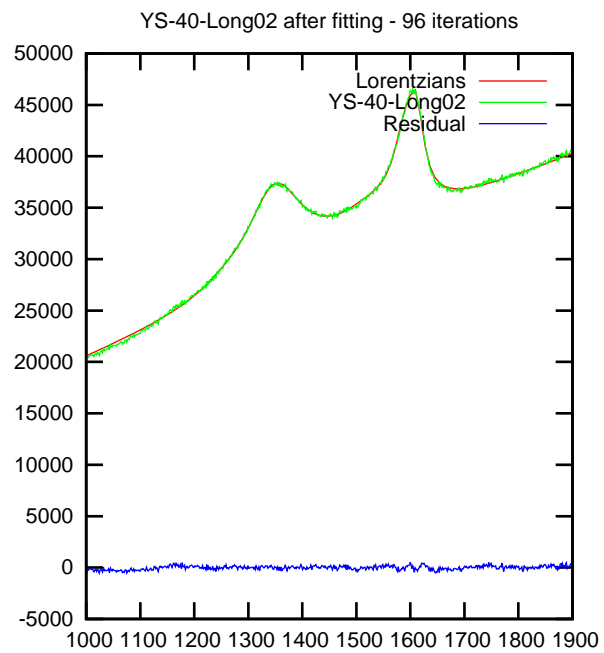
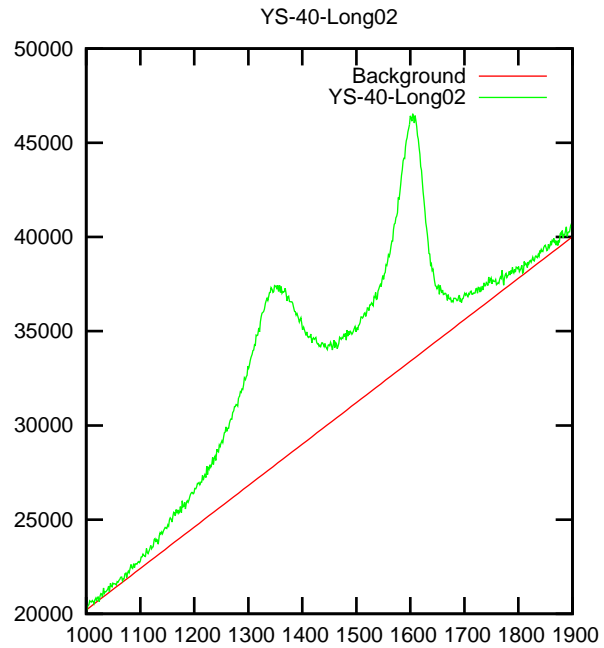
YS-39-Long8 R2 = .62 RA2= 1.27539 Temp = 223.420

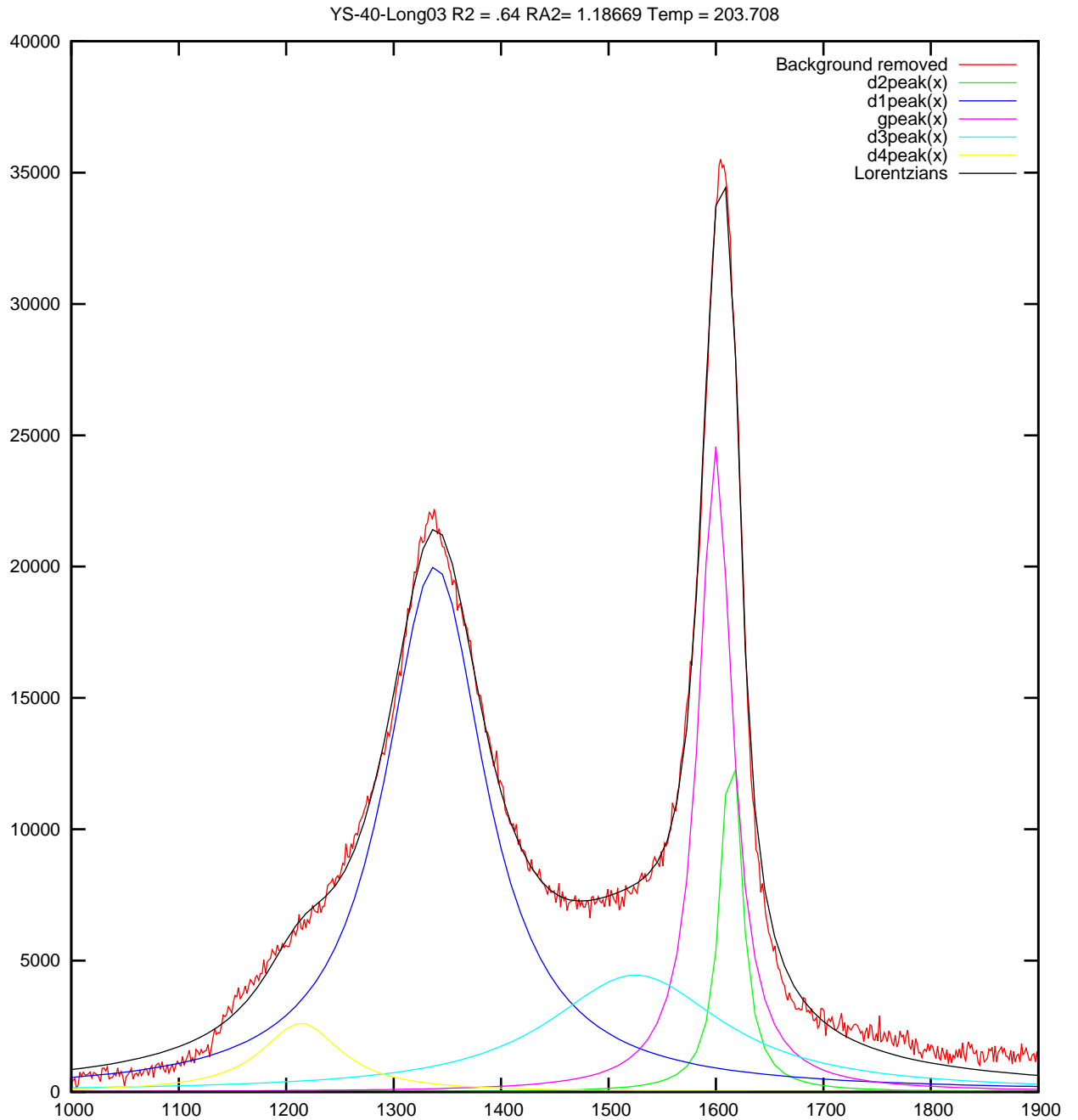
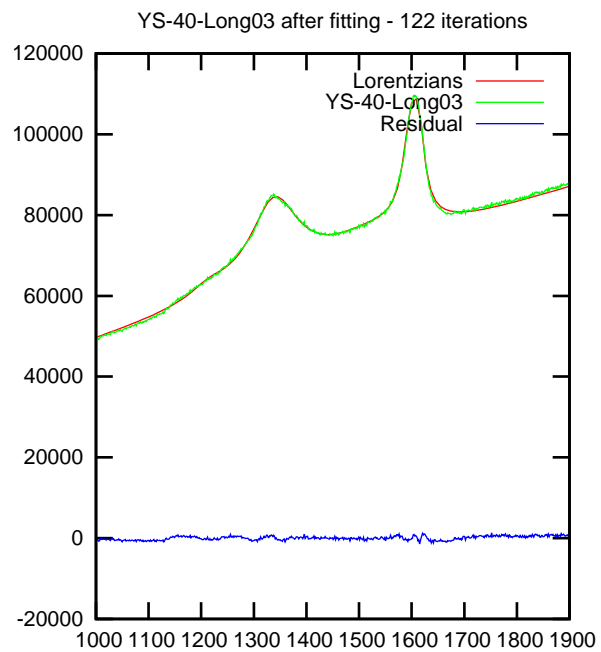
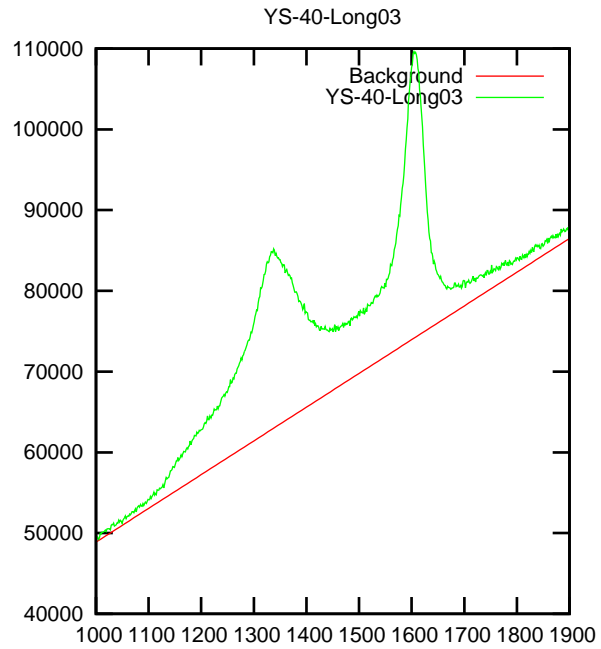


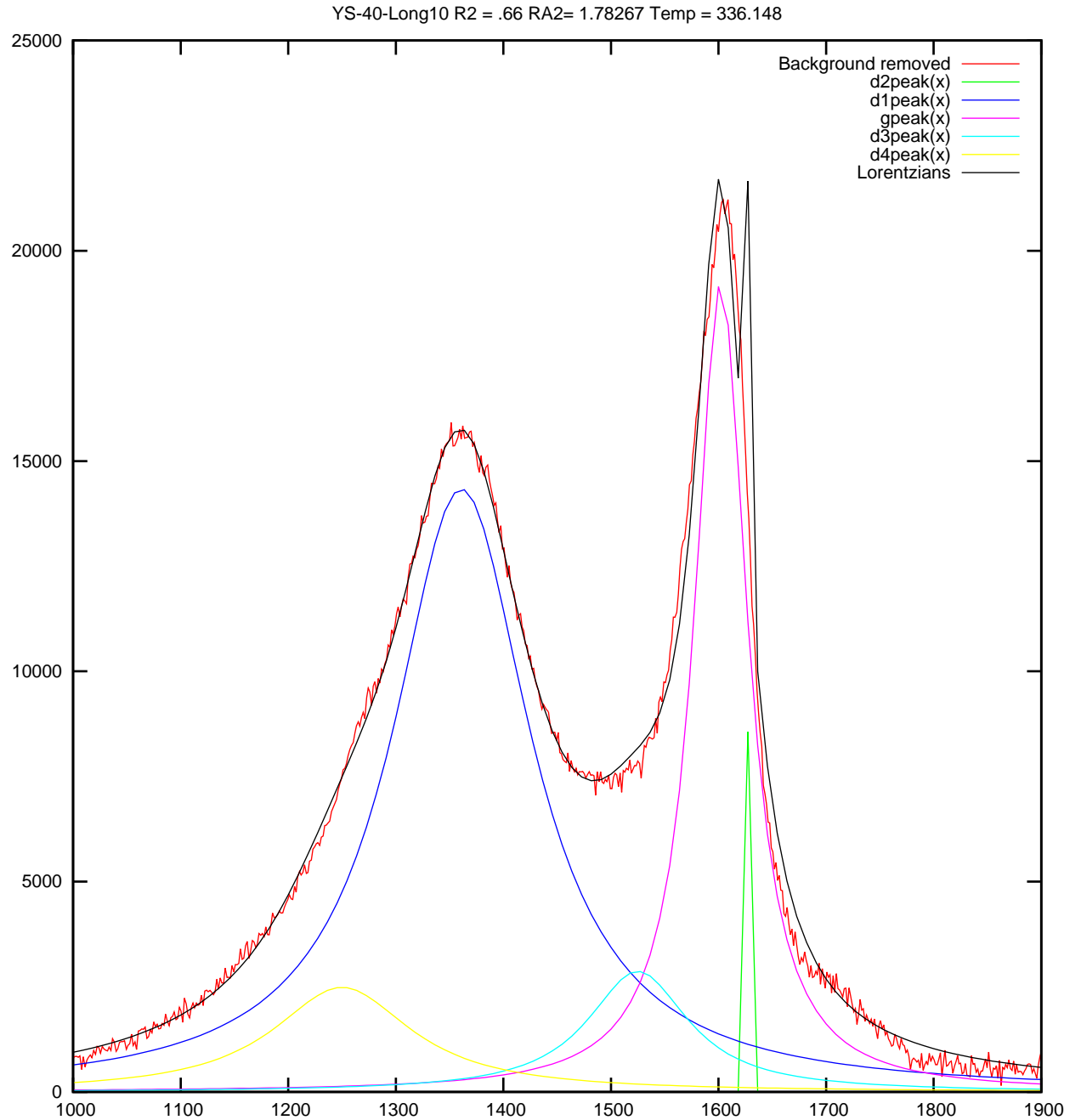
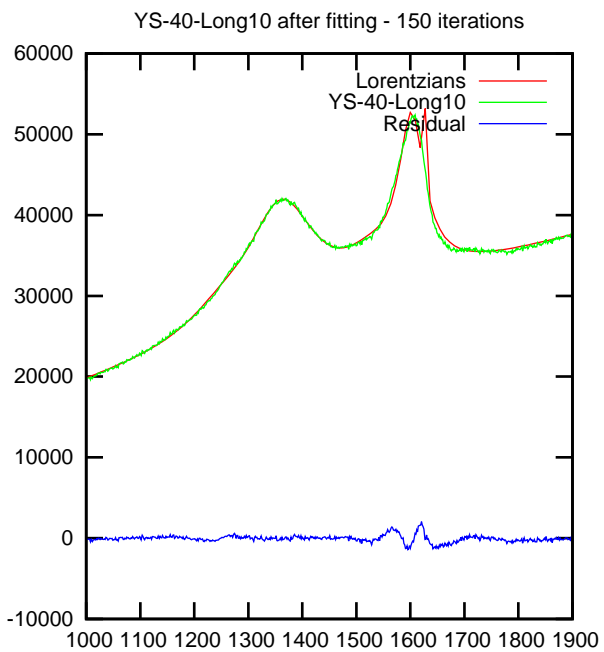
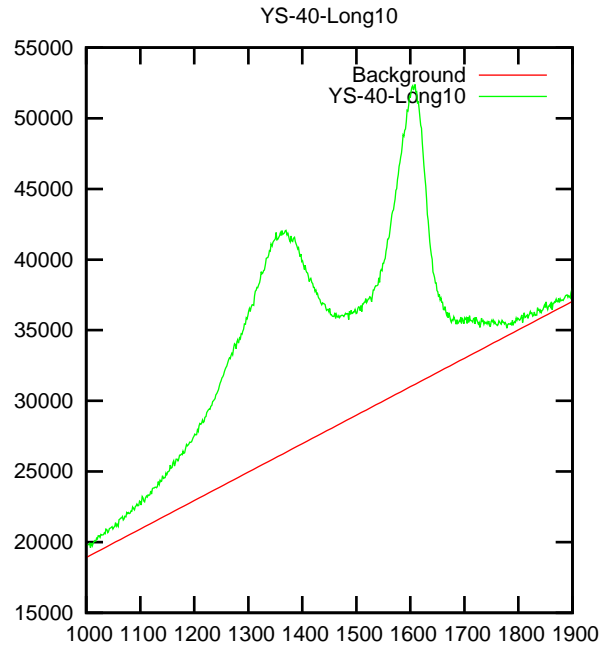




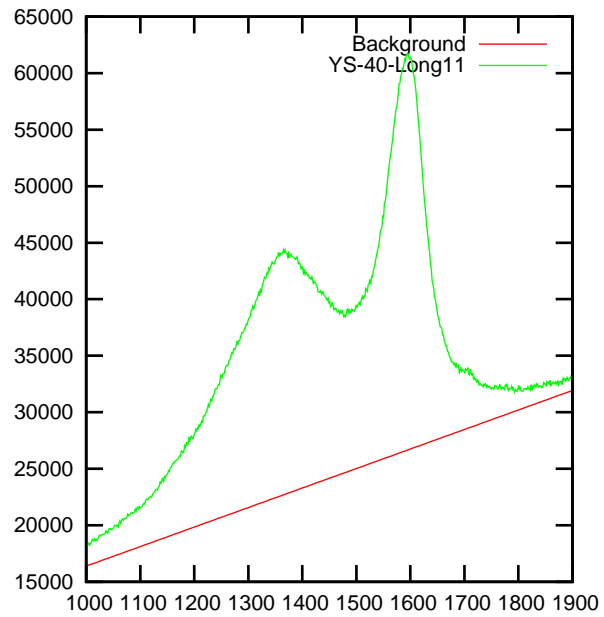




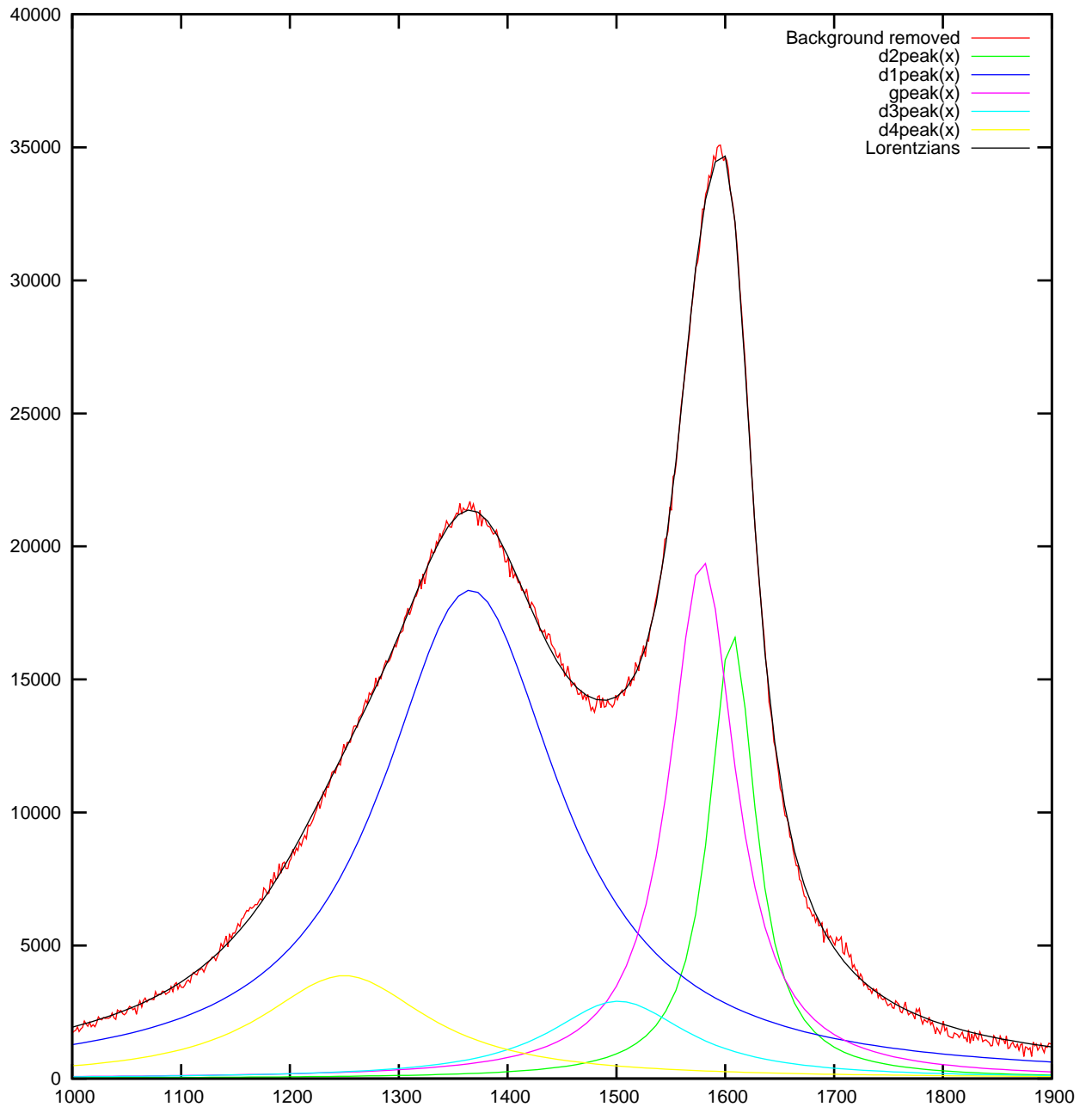




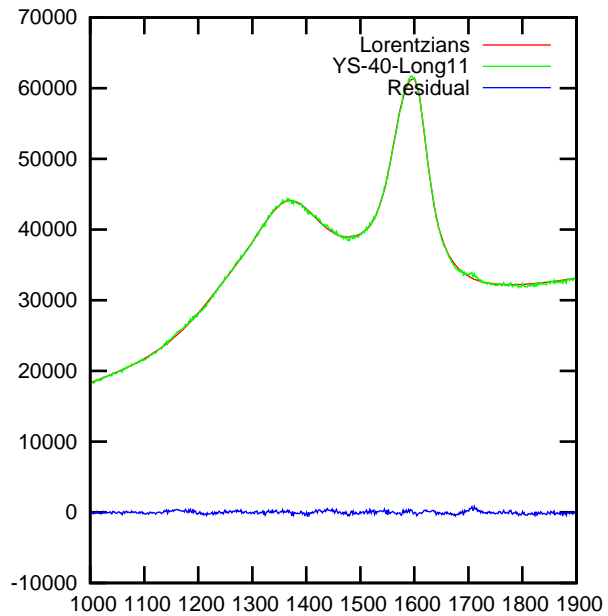
YS-40-Long11

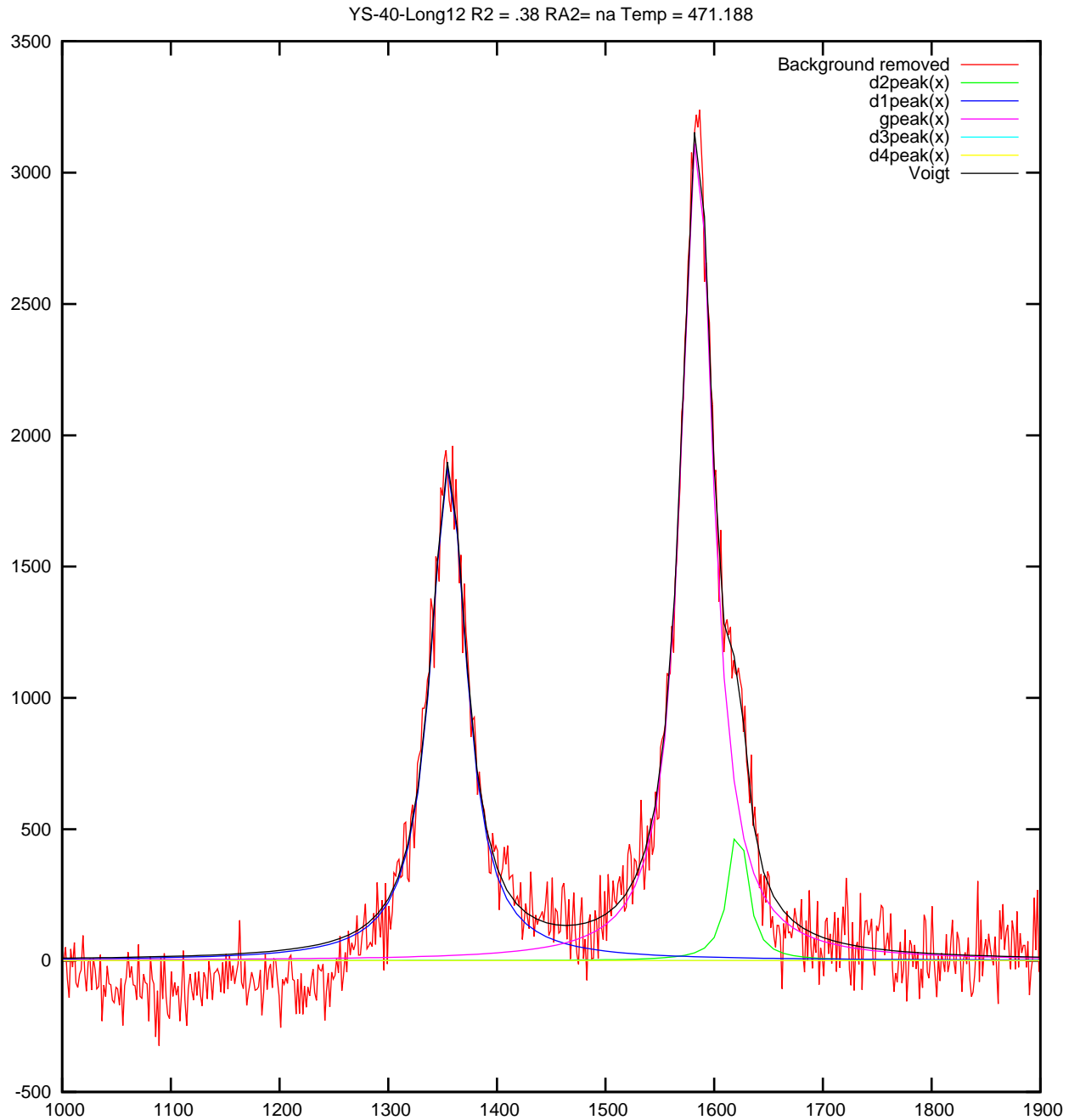
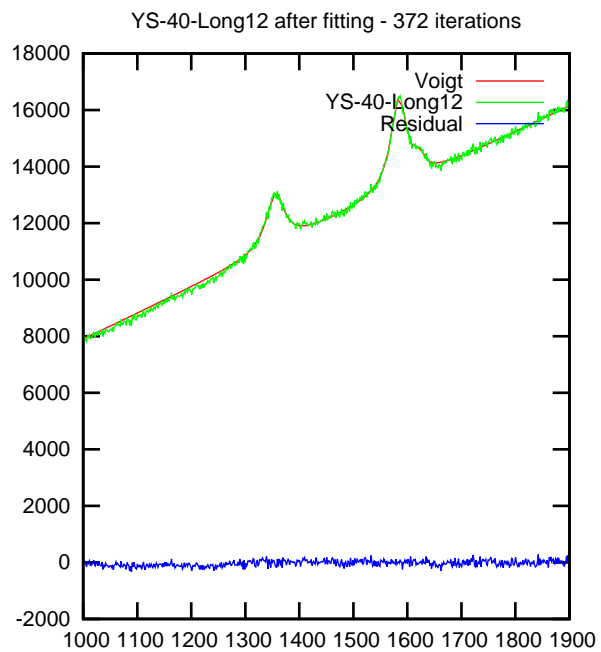
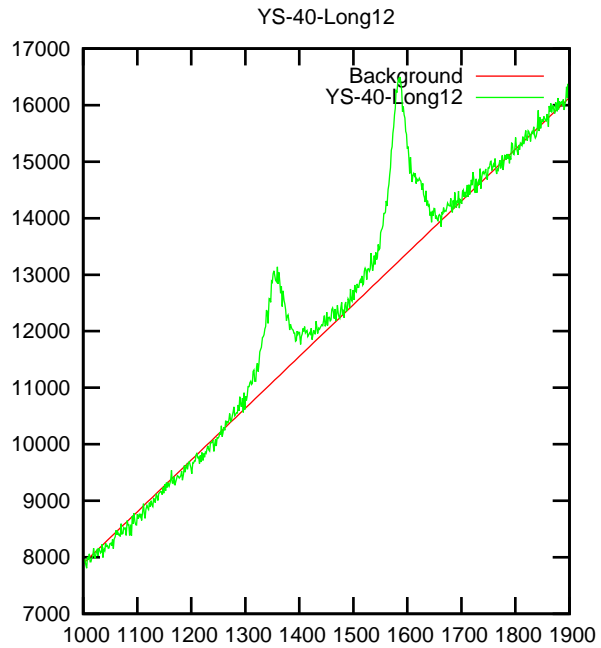


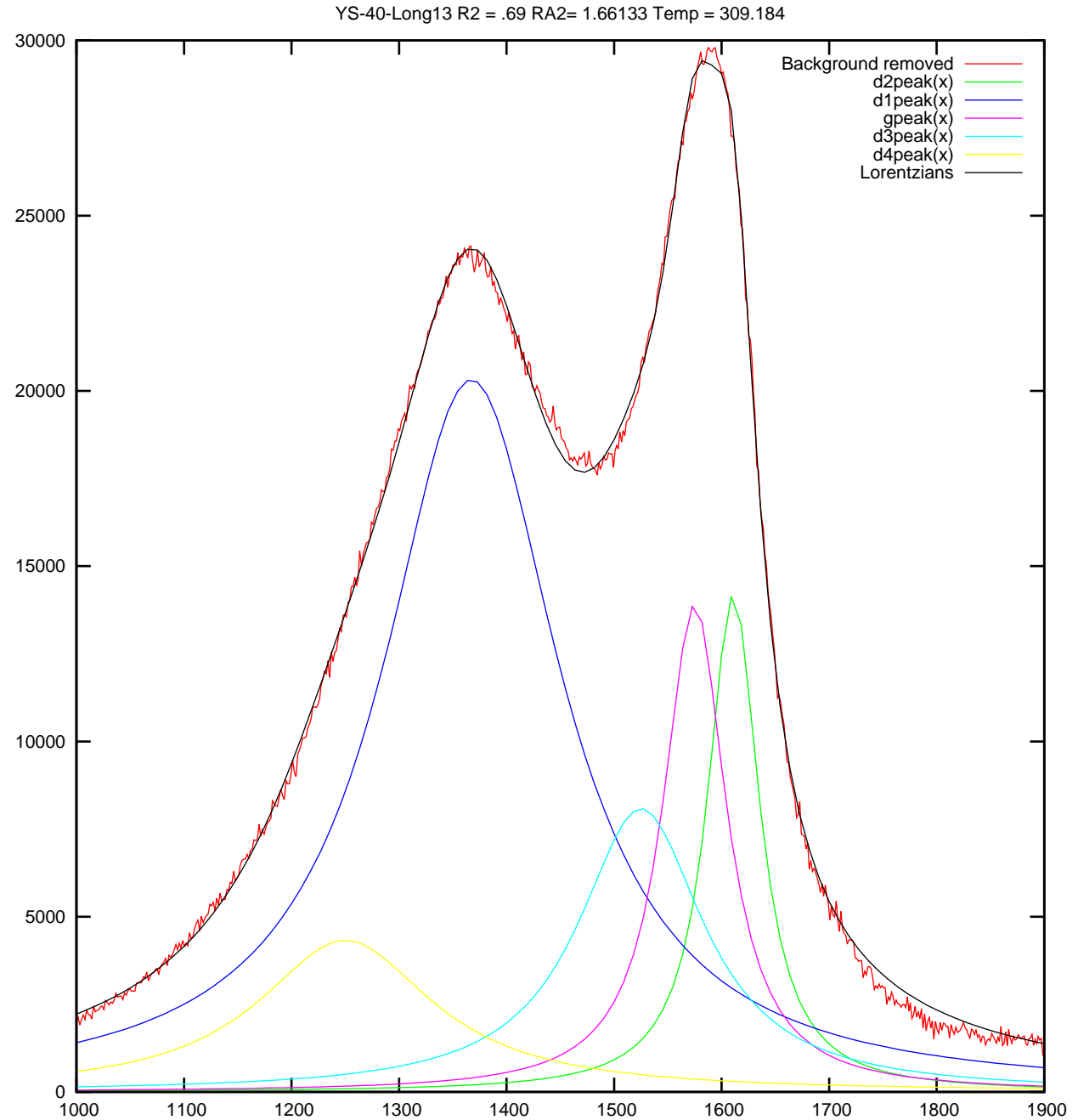
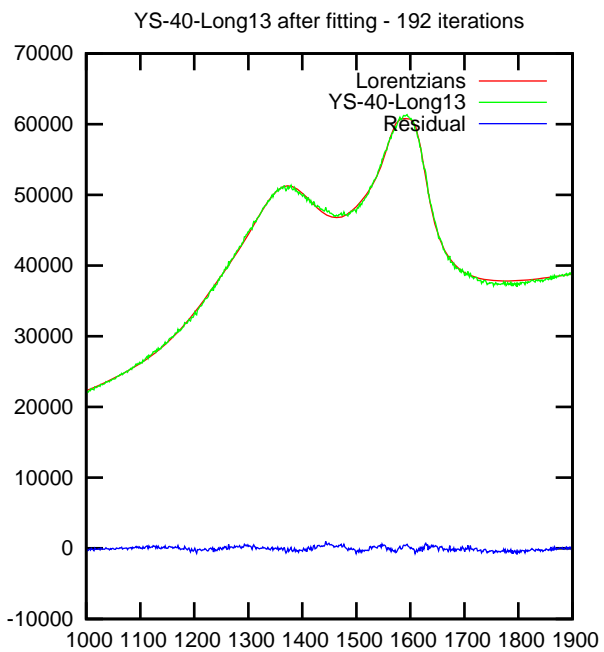
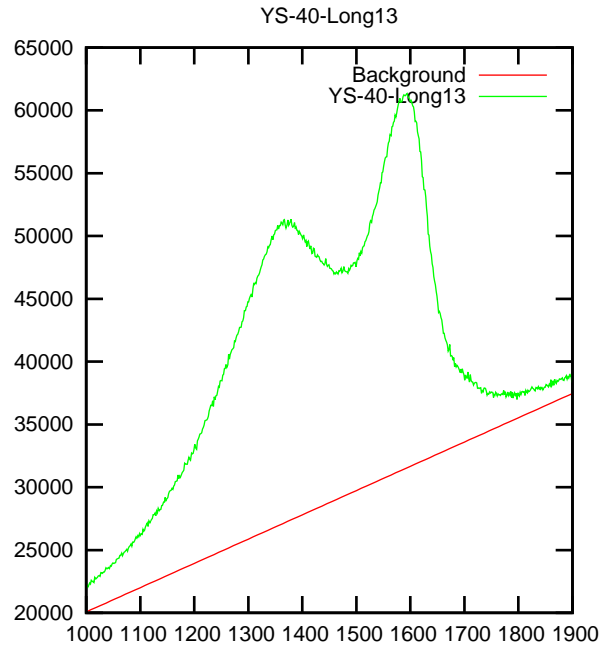
YS-40-Long11 R2 = .61 RA2= 1.59742 Temp = 294.982

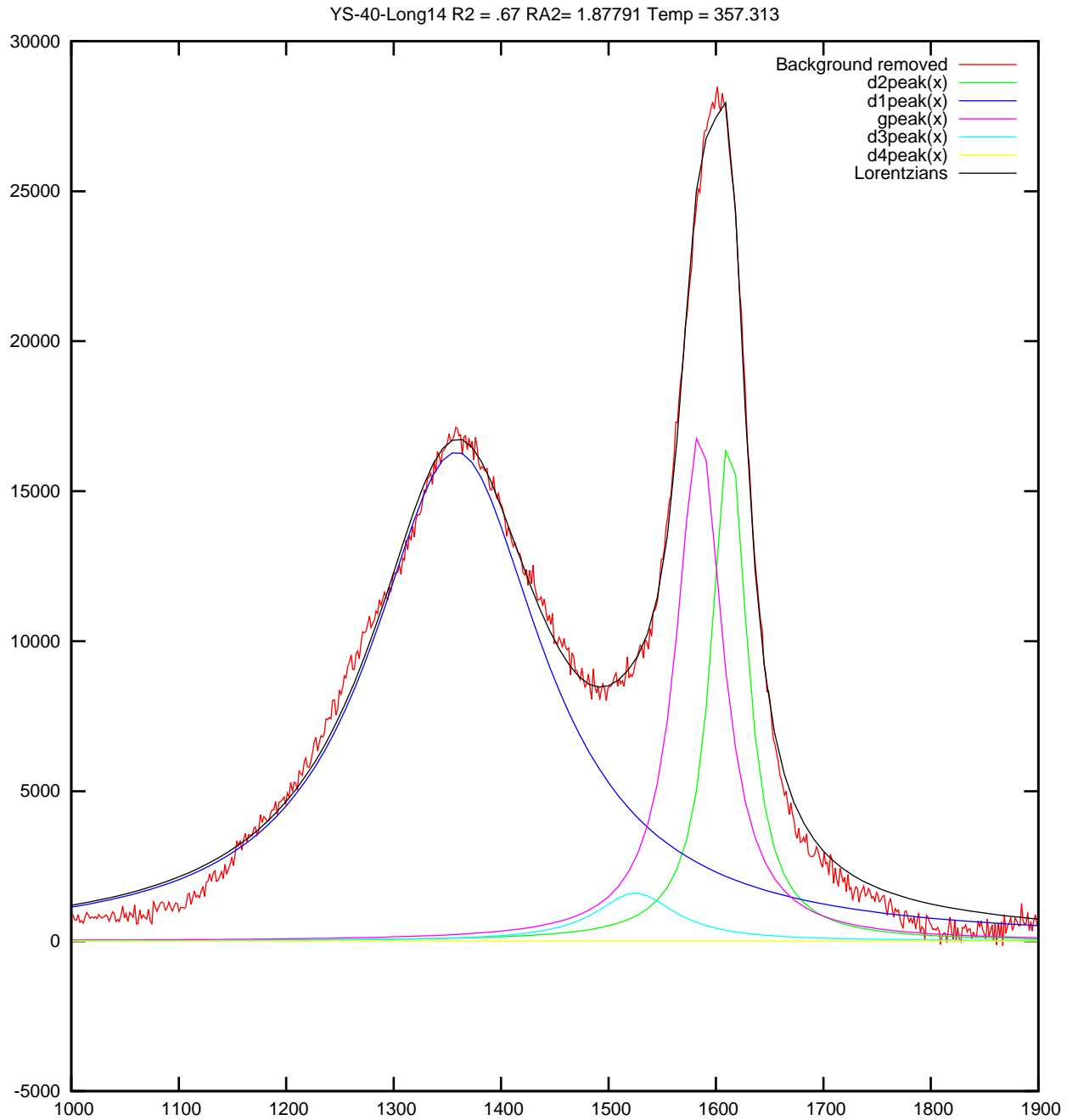
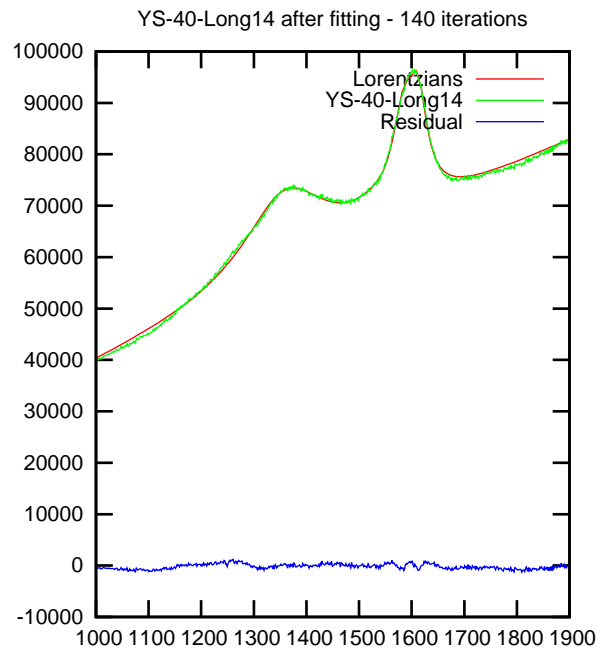
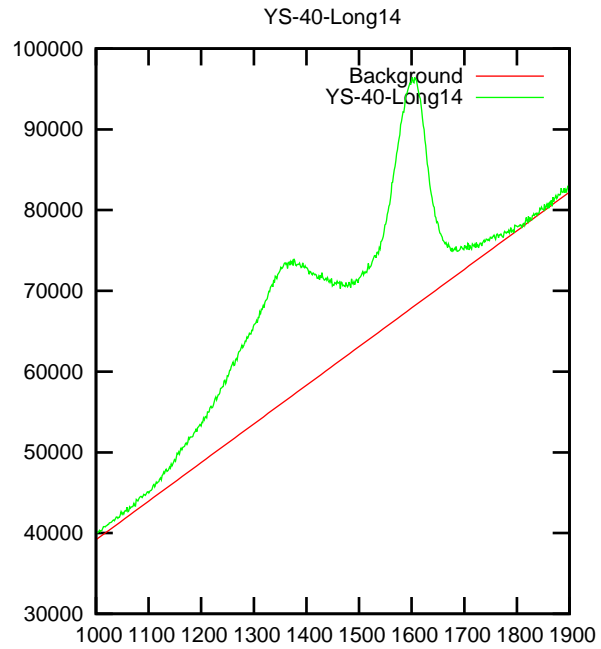


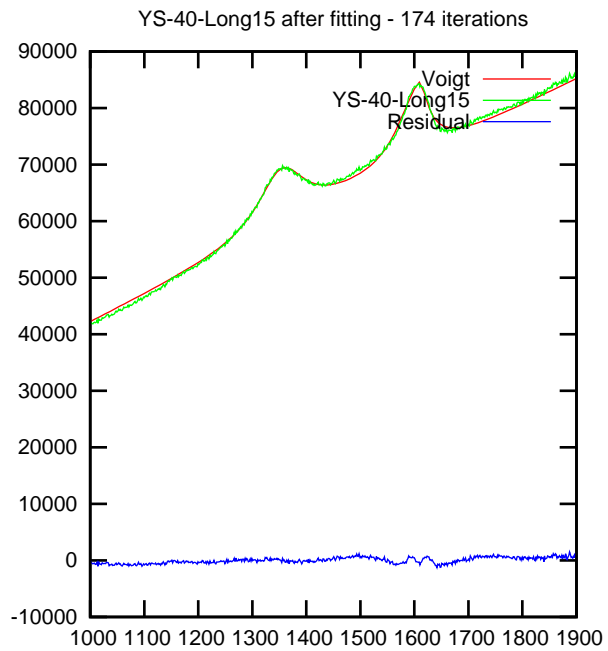
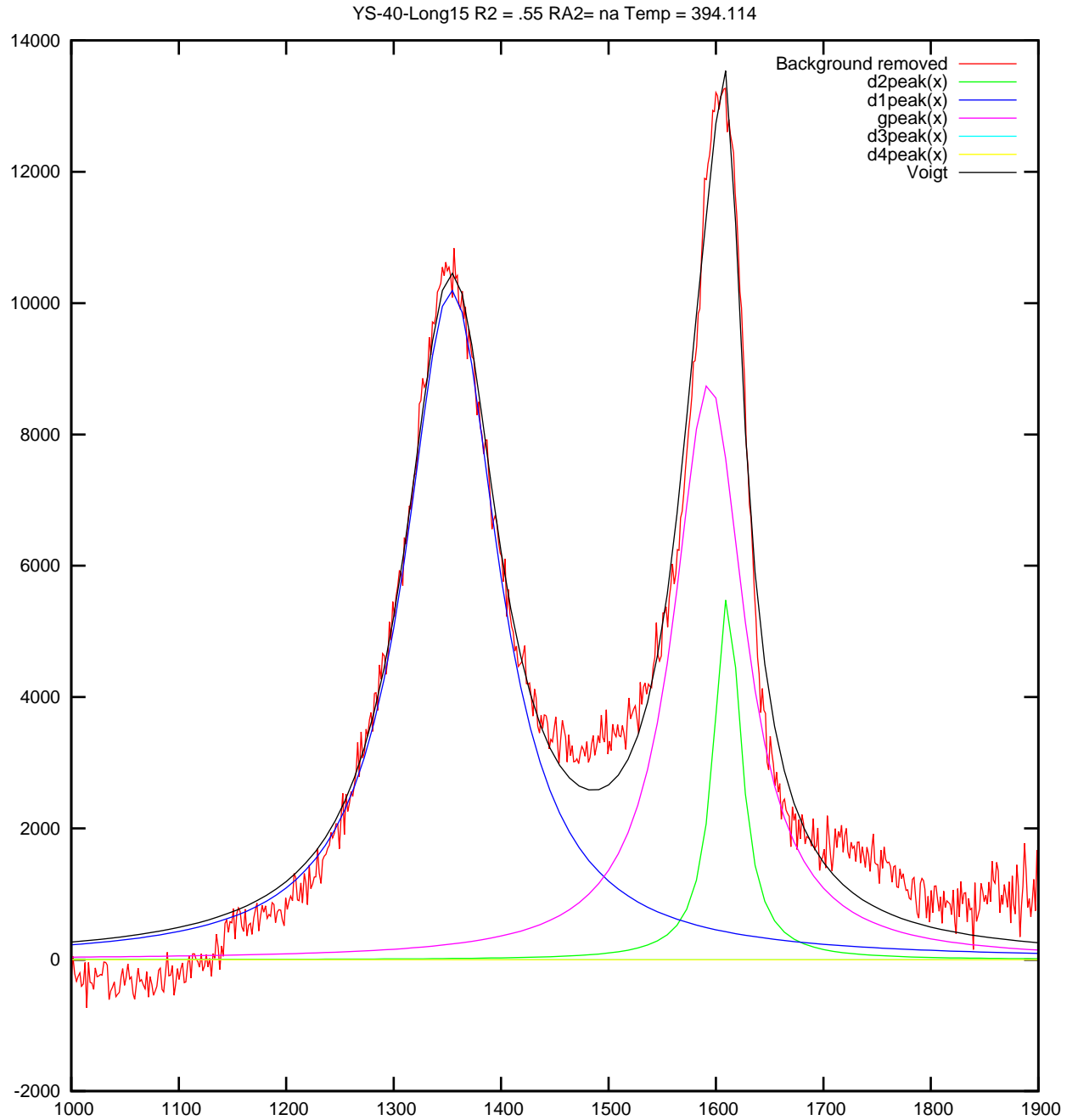
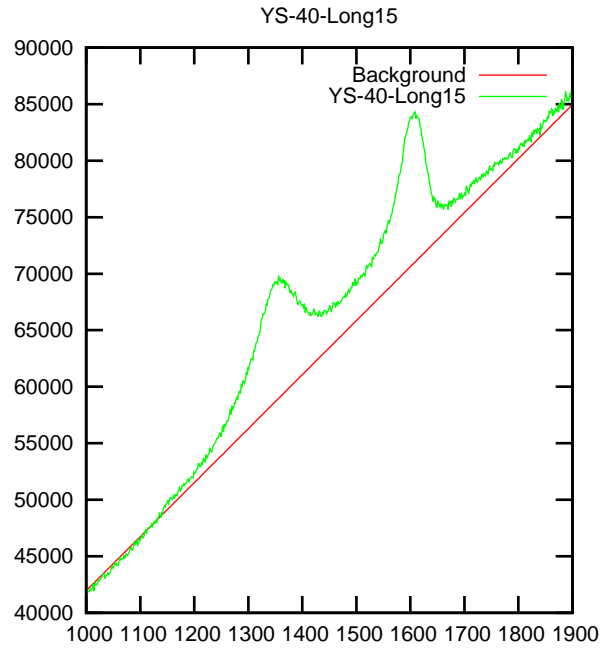
YS-40-Long11 after fitting - 734 iterations

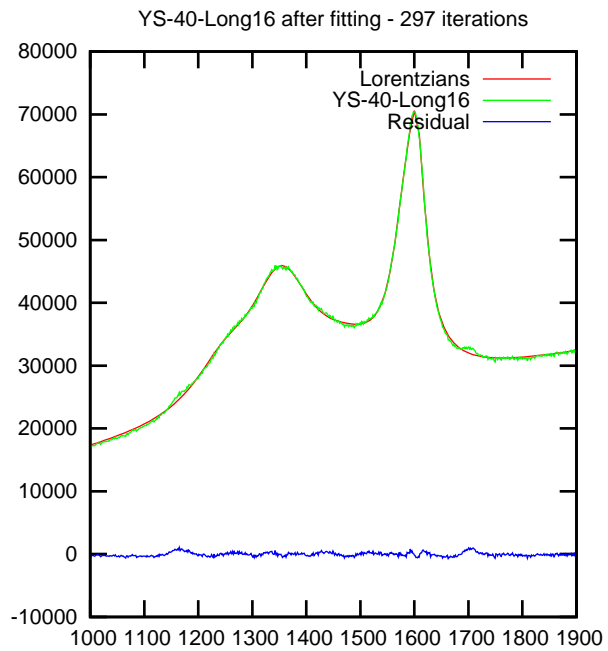
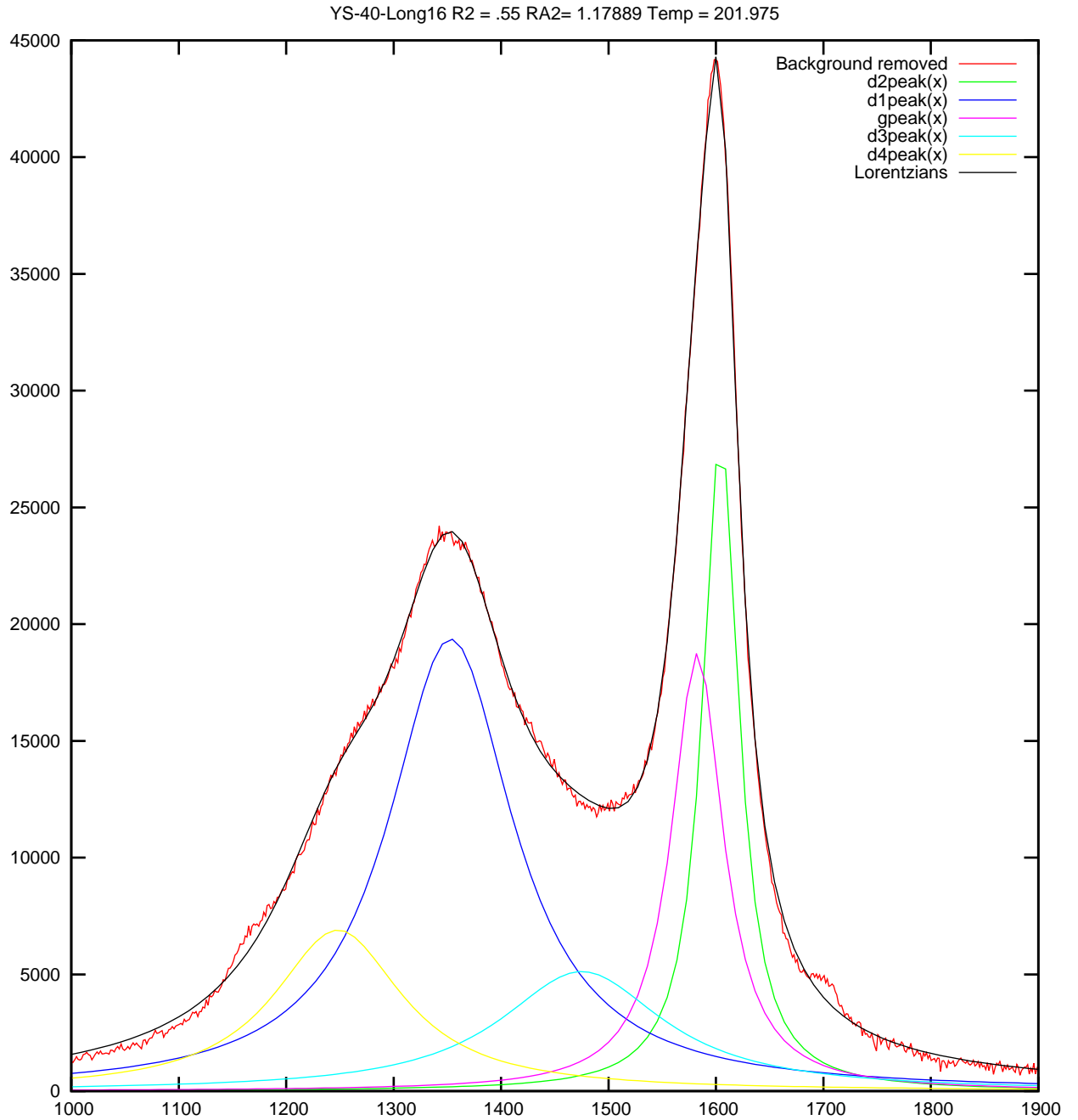
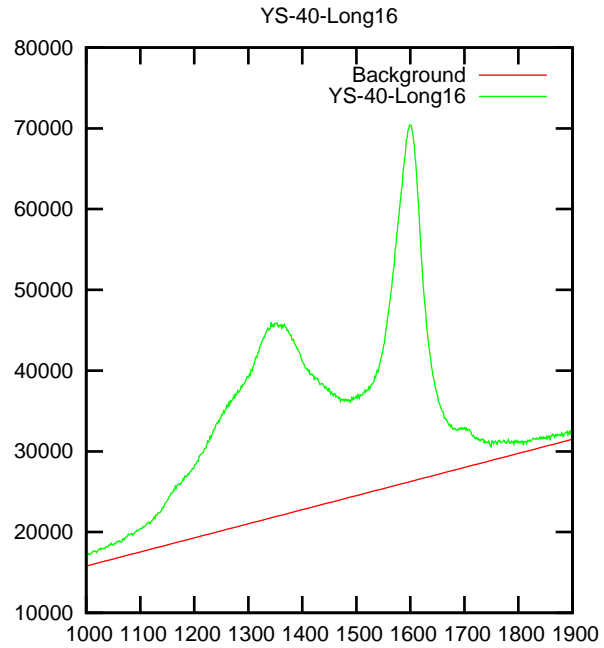




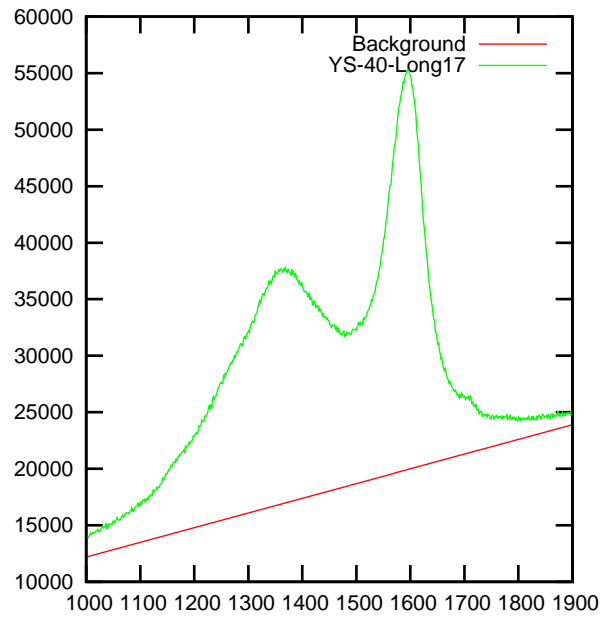




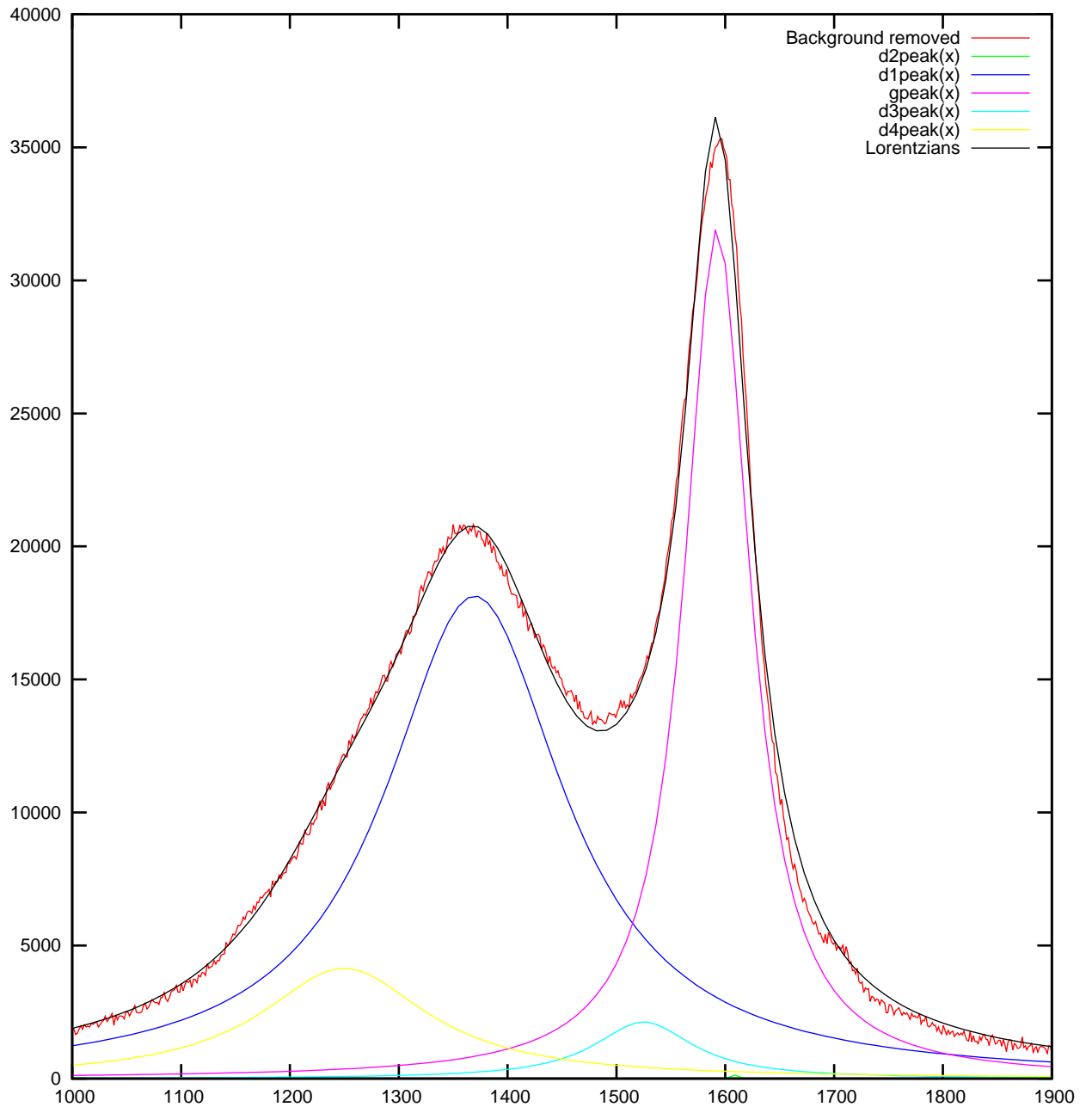




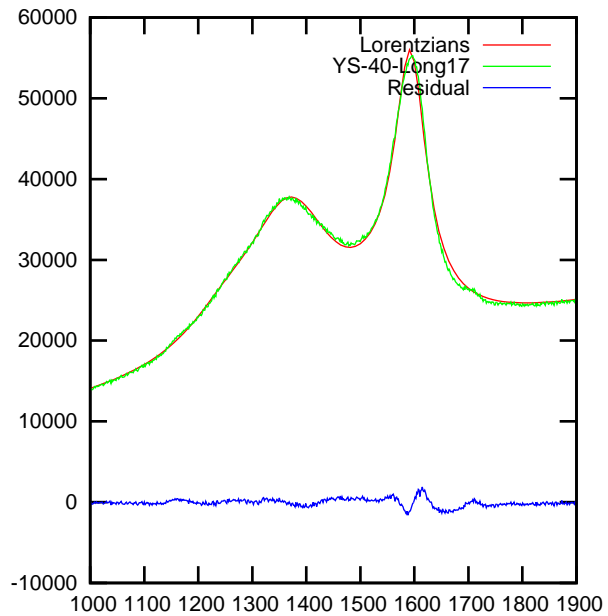
YS-40-Long17

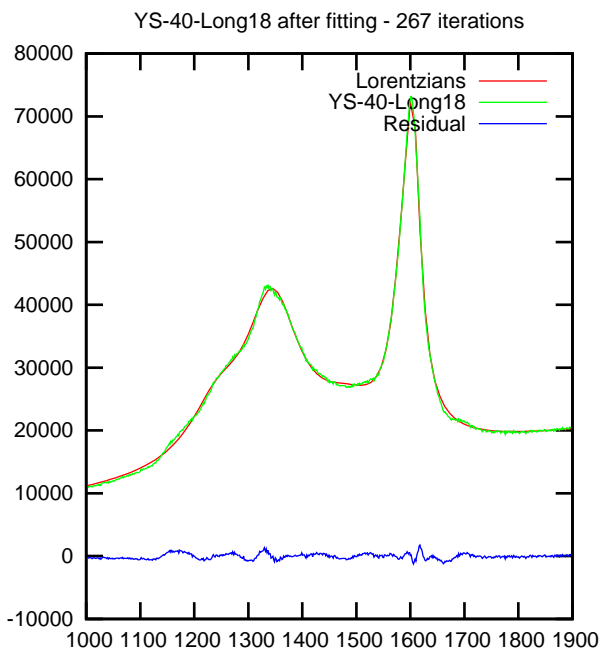
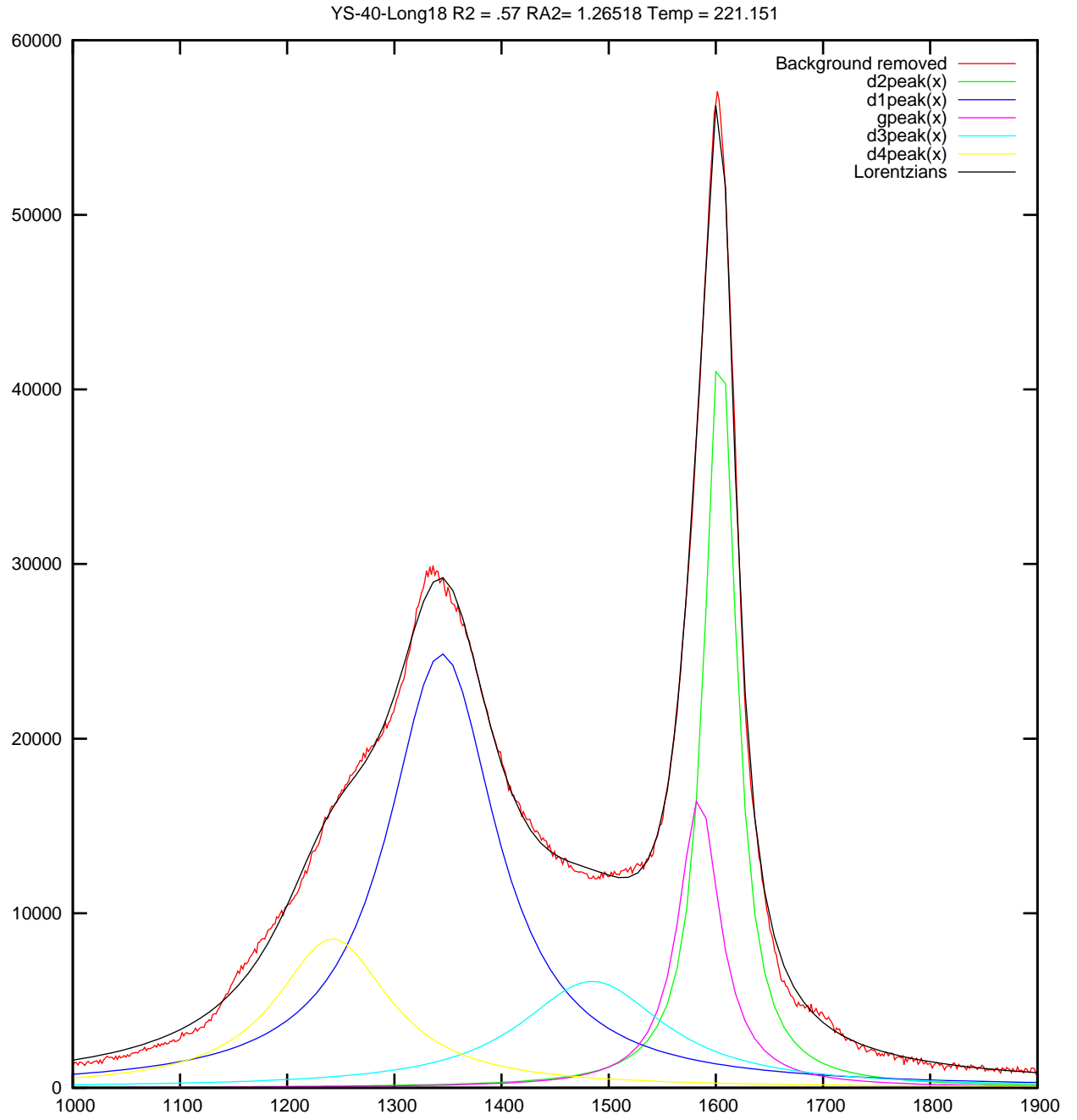
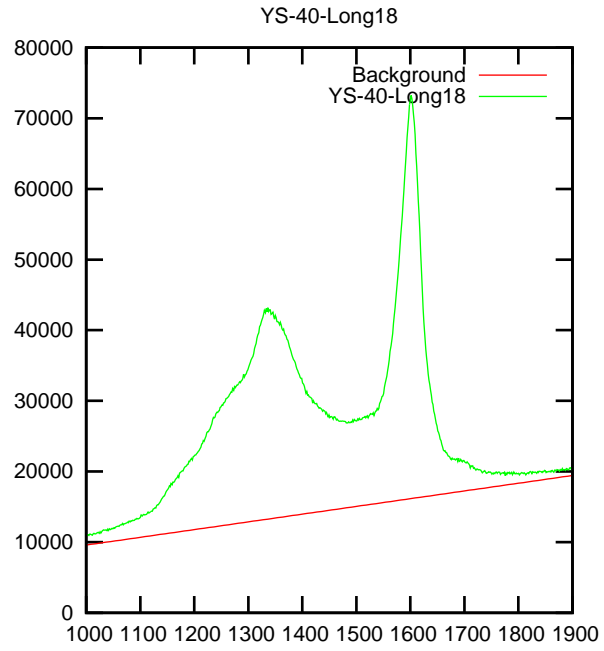


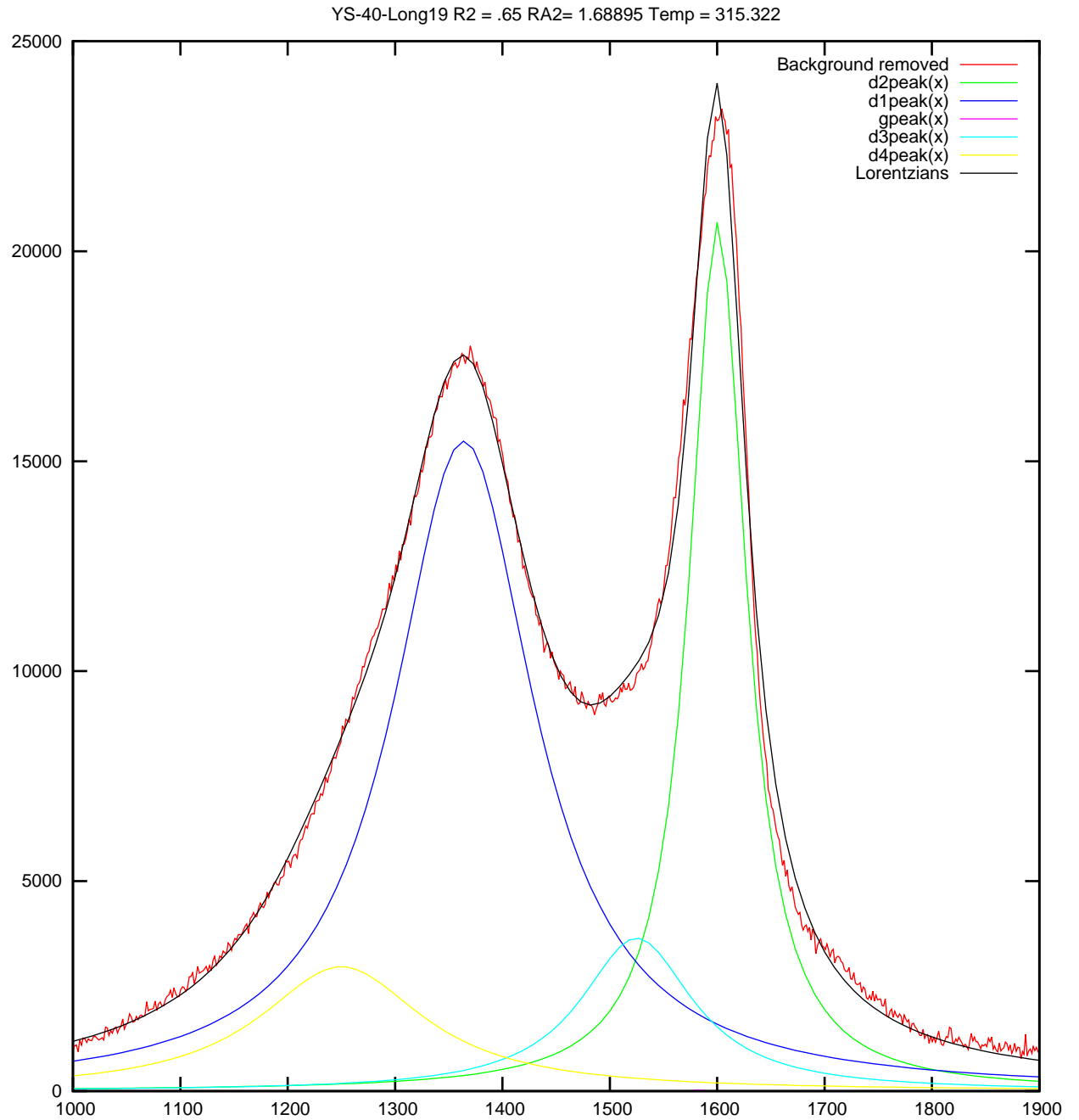
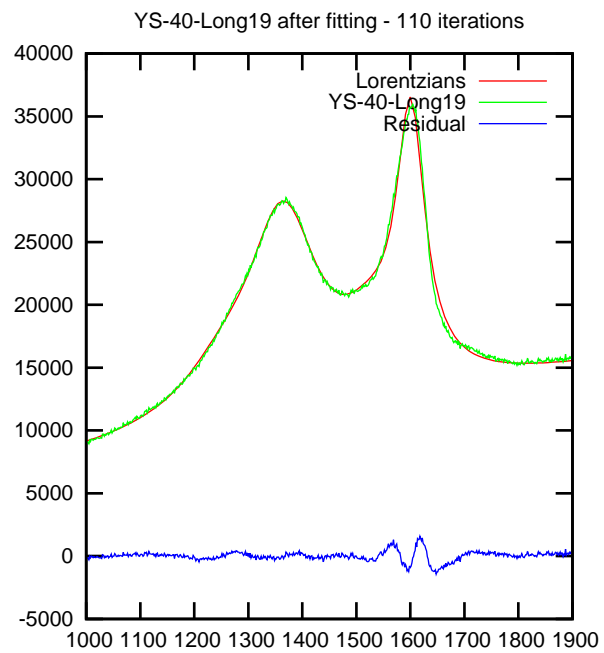
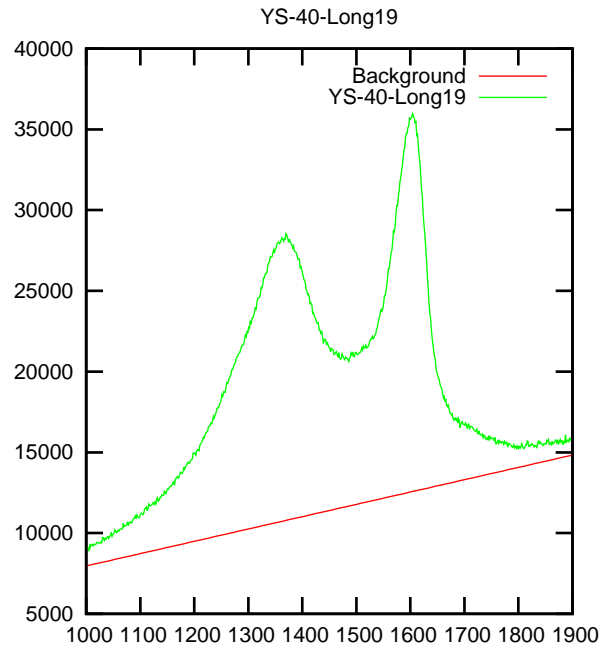
YS-40-Long17 R2 = .60 RA2= 1.71034 Temp = 320.075

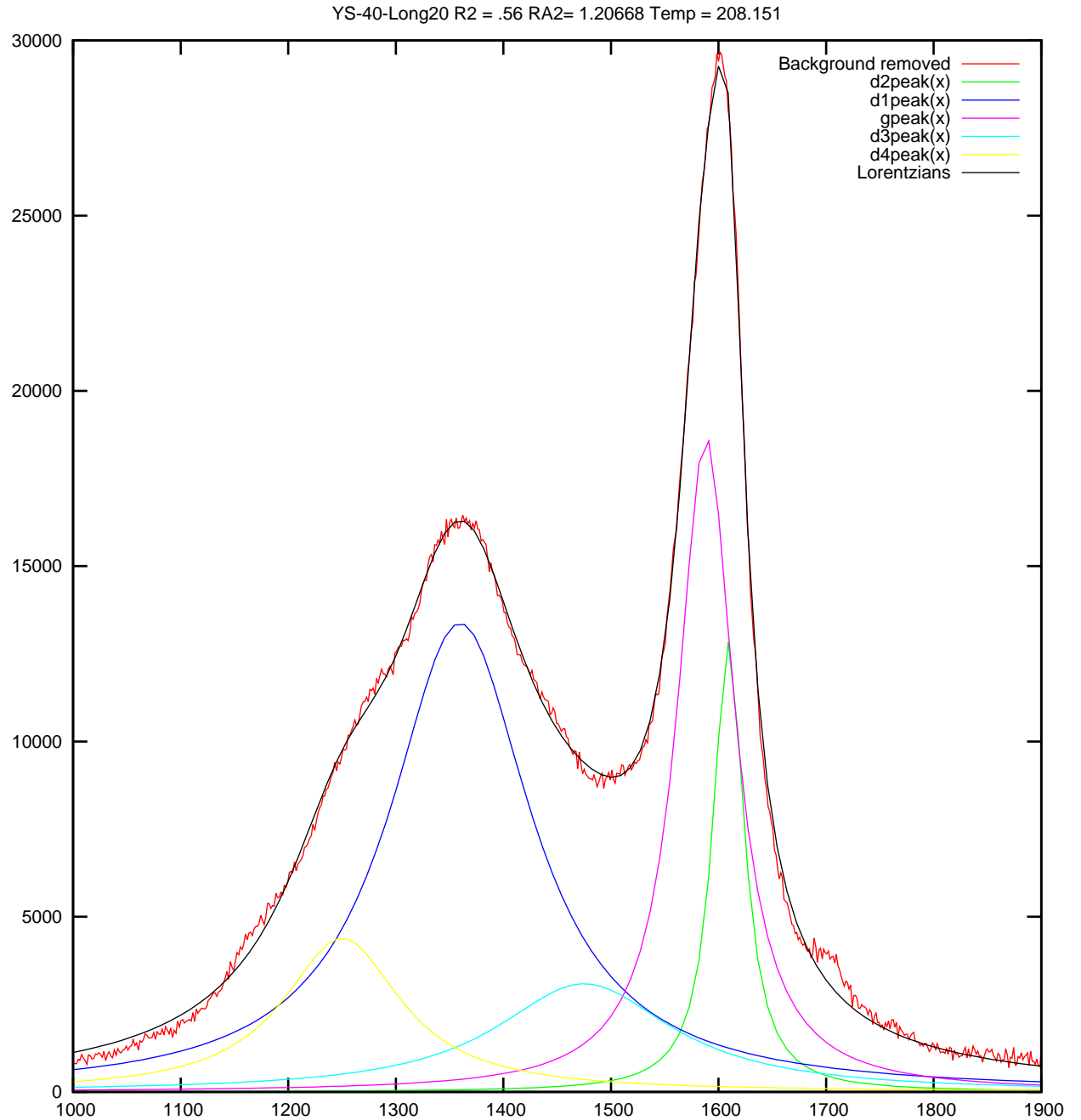
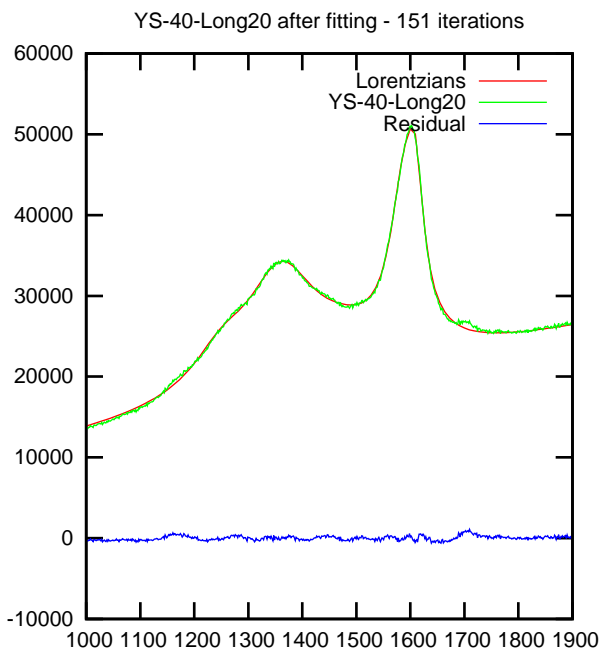
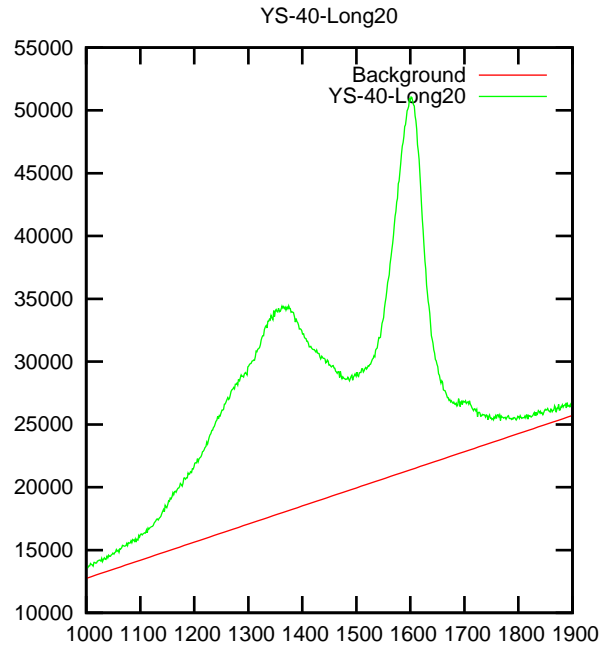


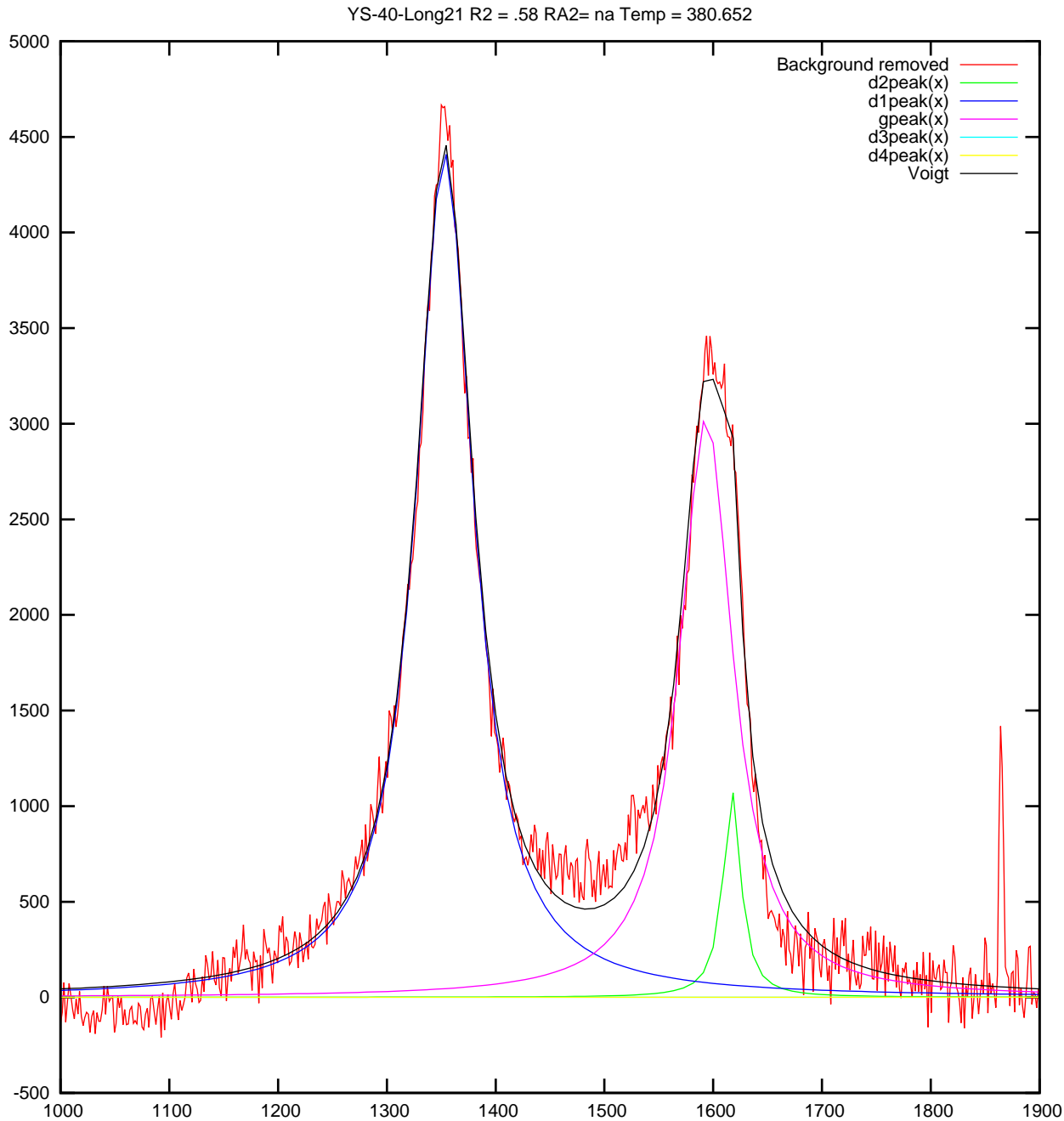
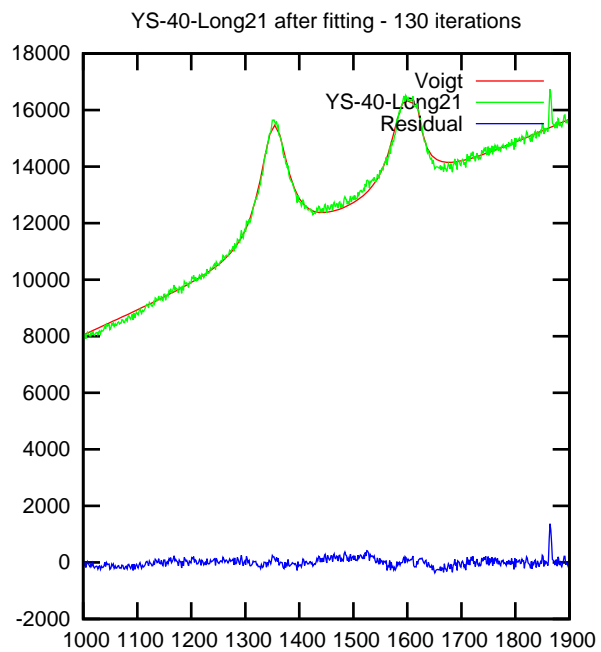
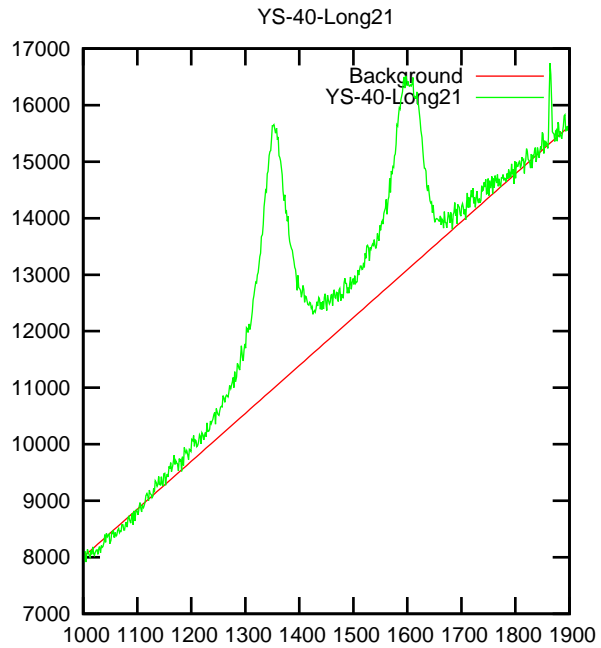
YS-40-Long17 after fitting - 1504 iterations

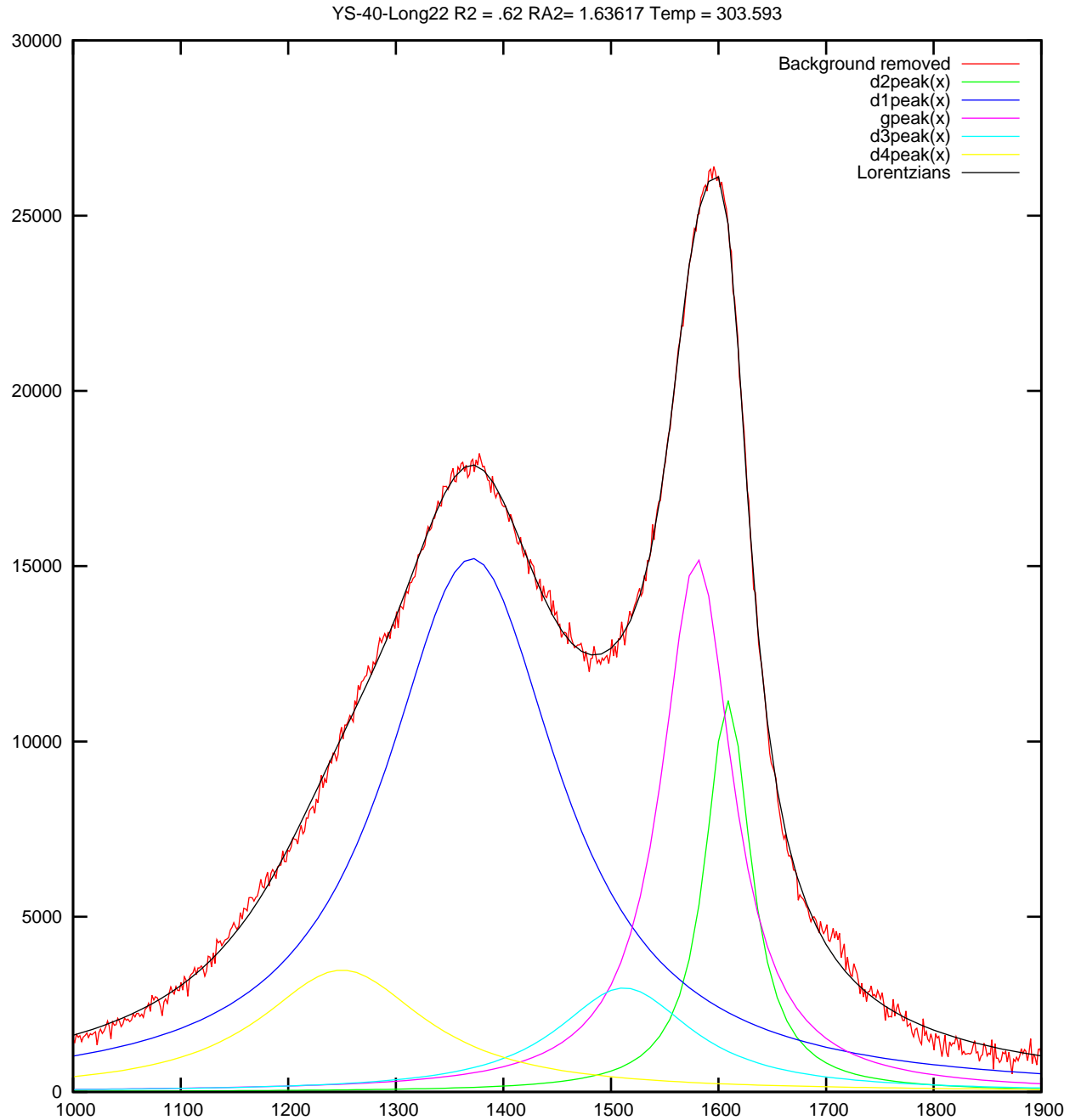
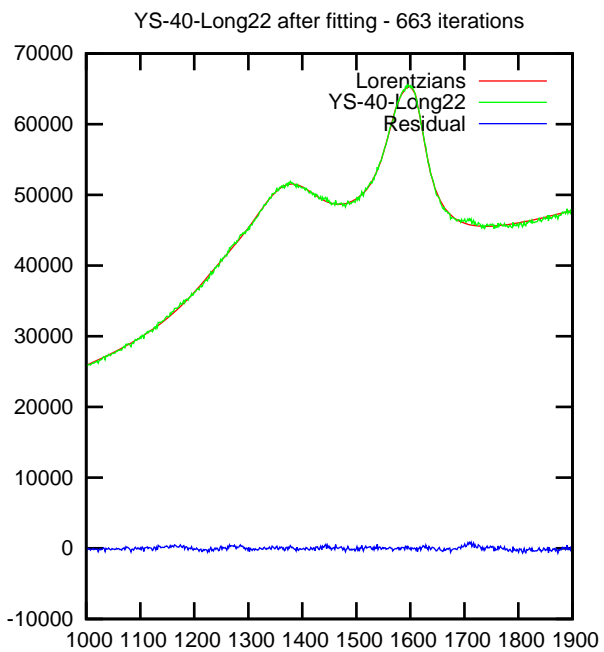
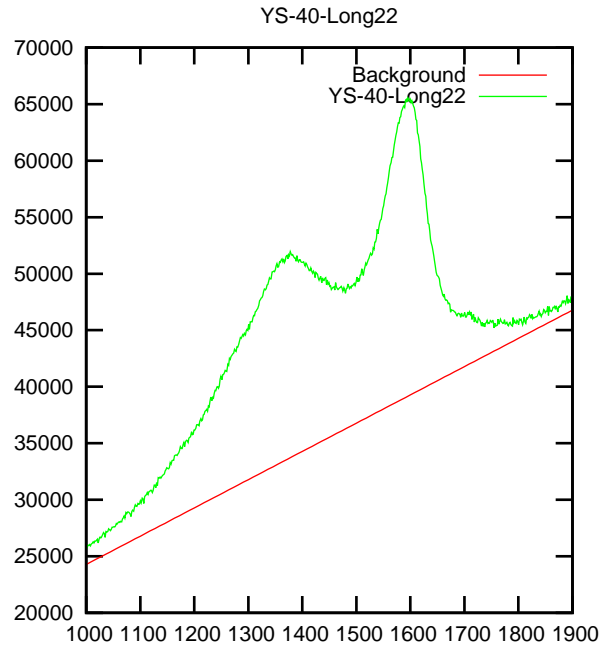


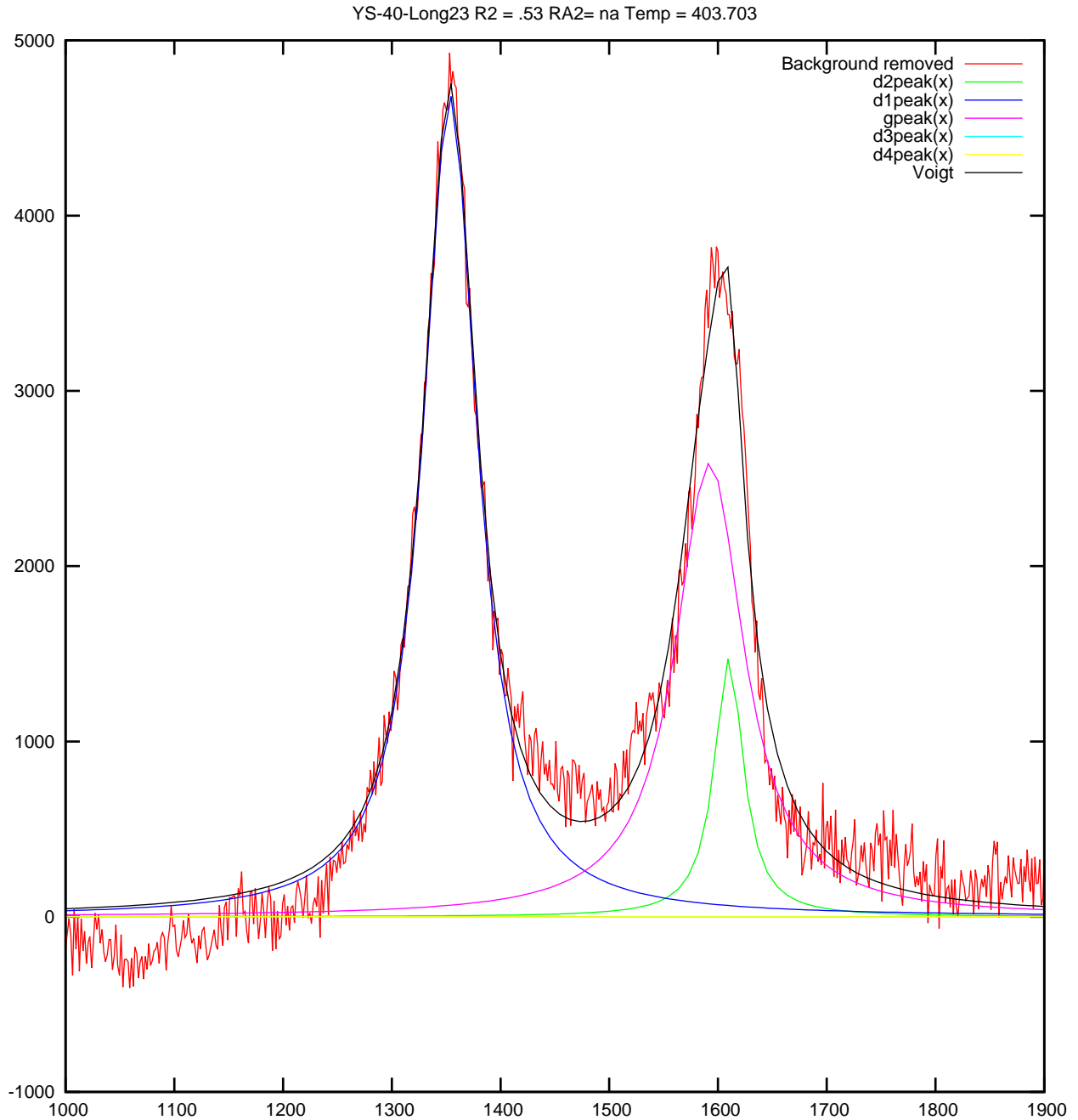
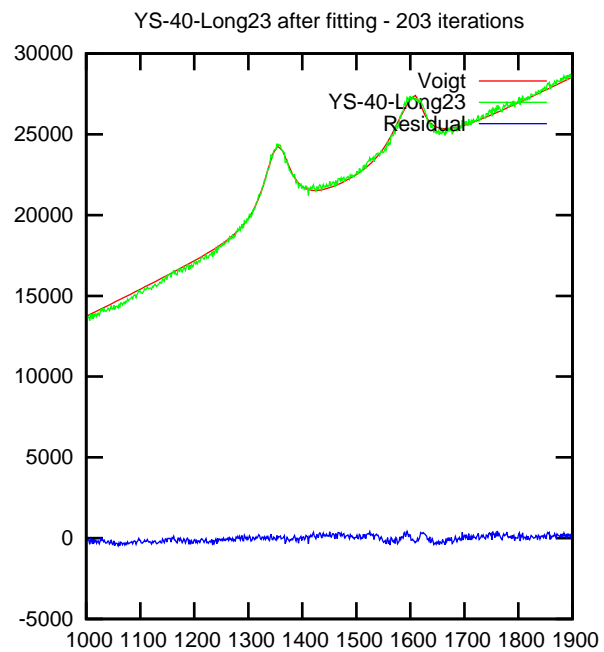
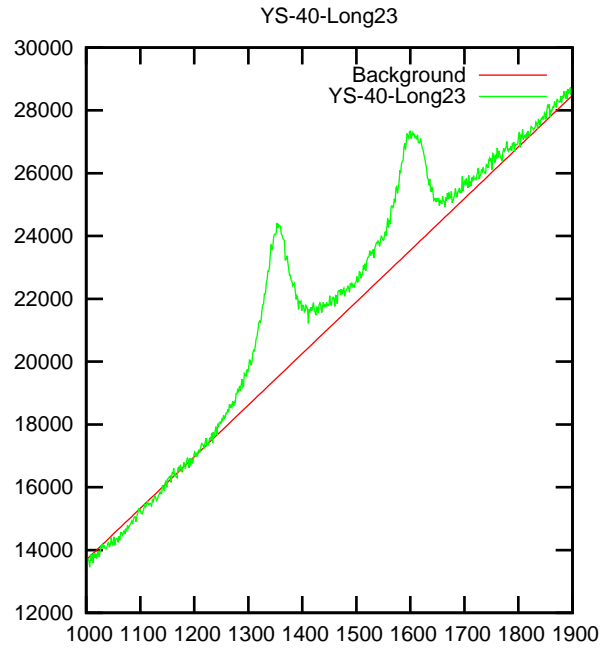


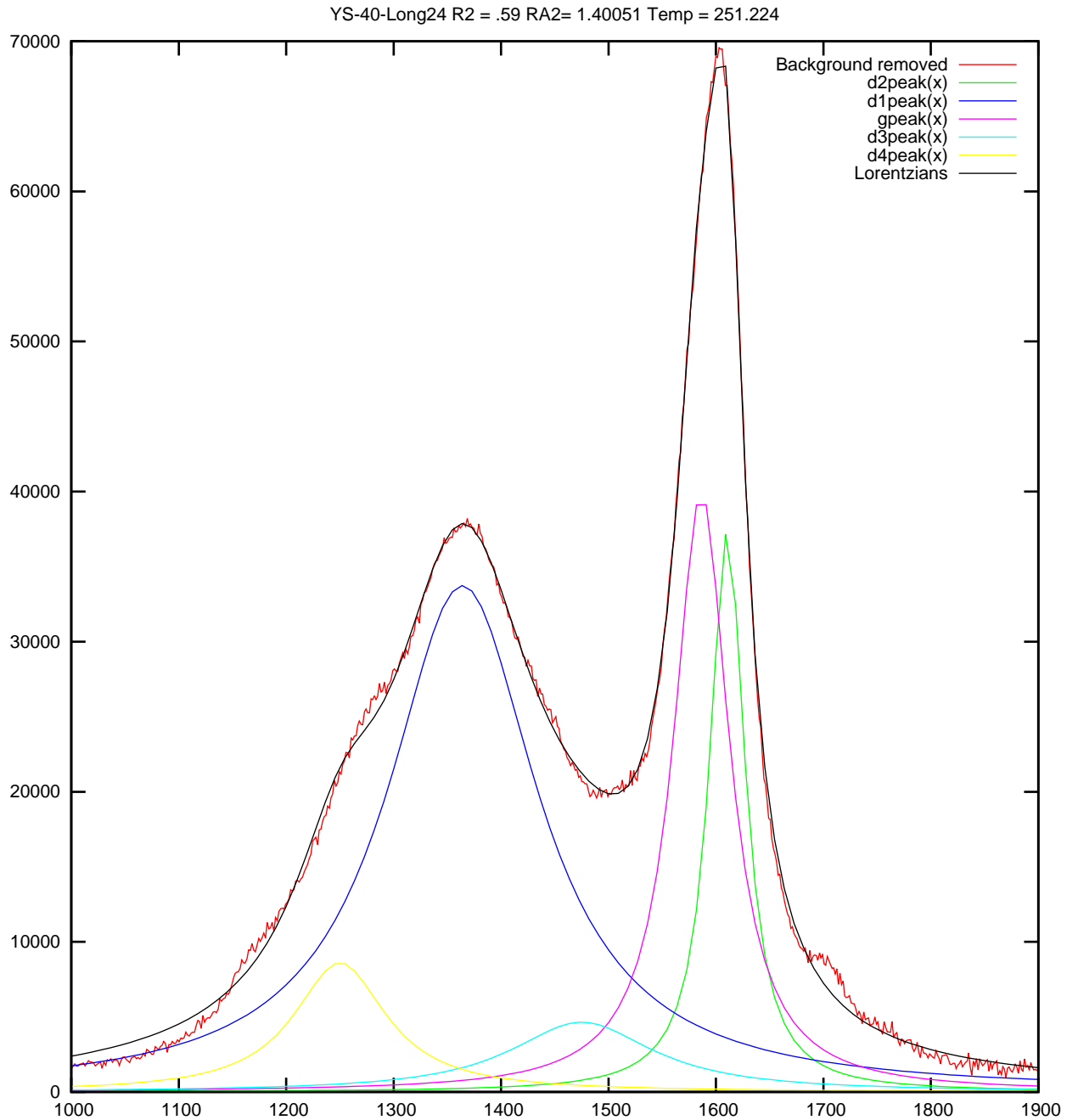
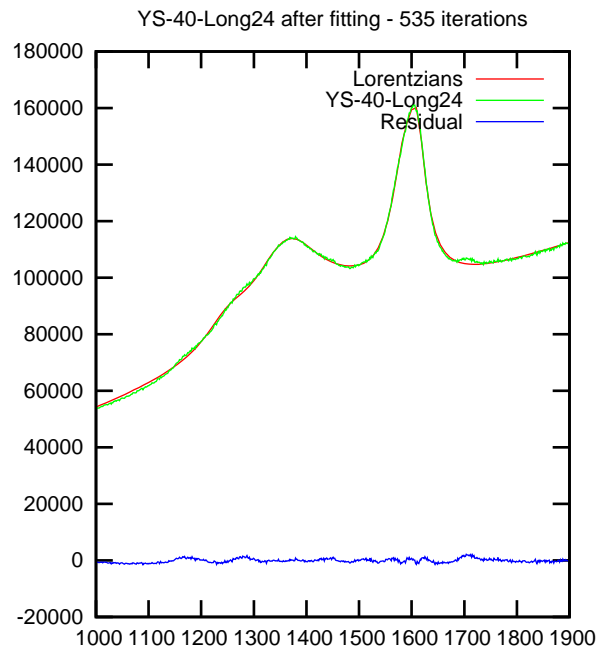
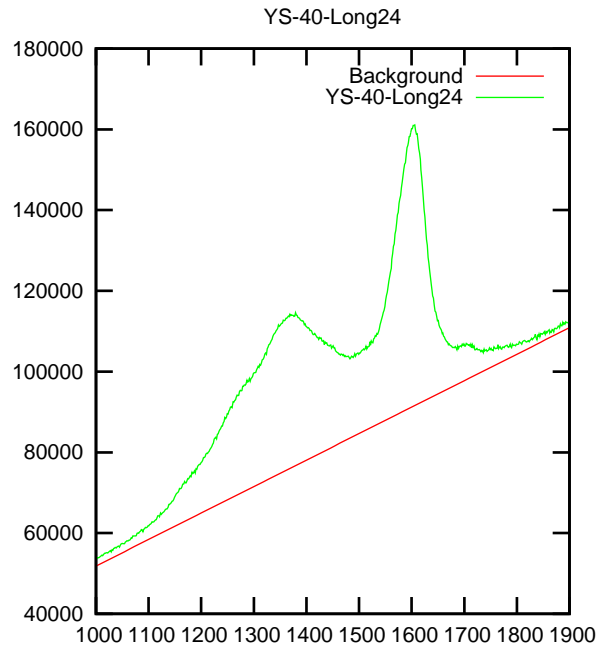


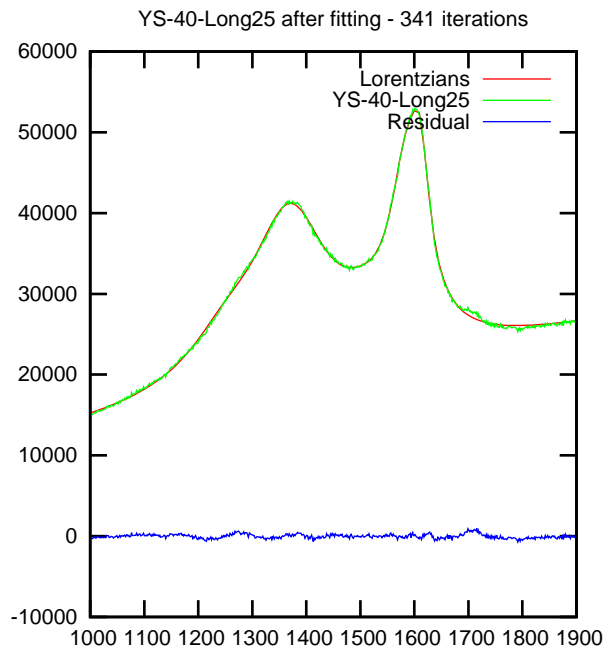
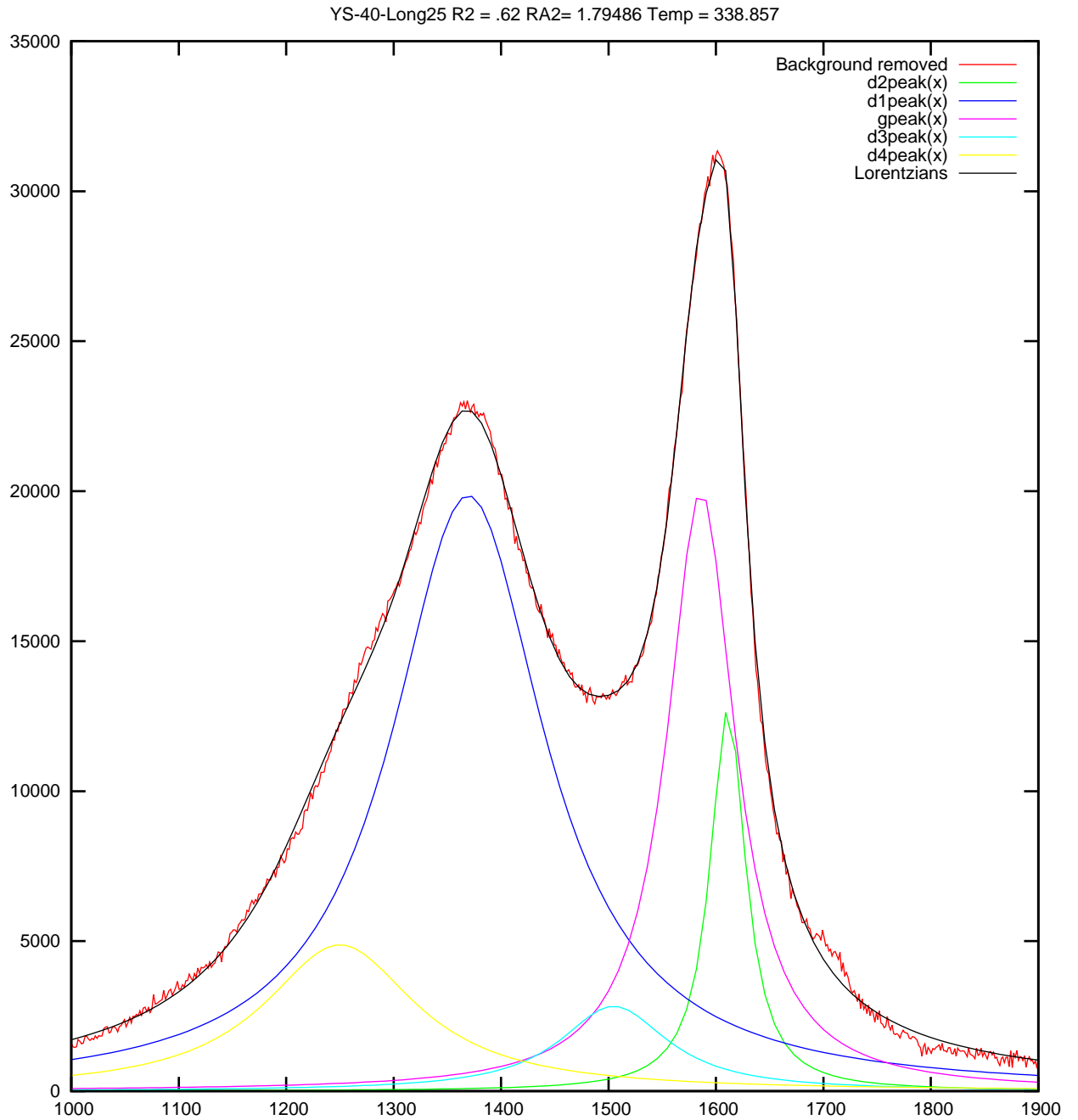
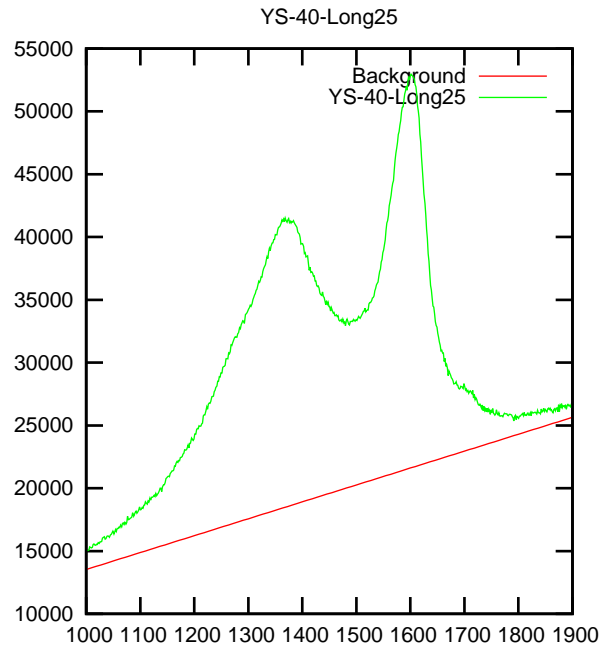


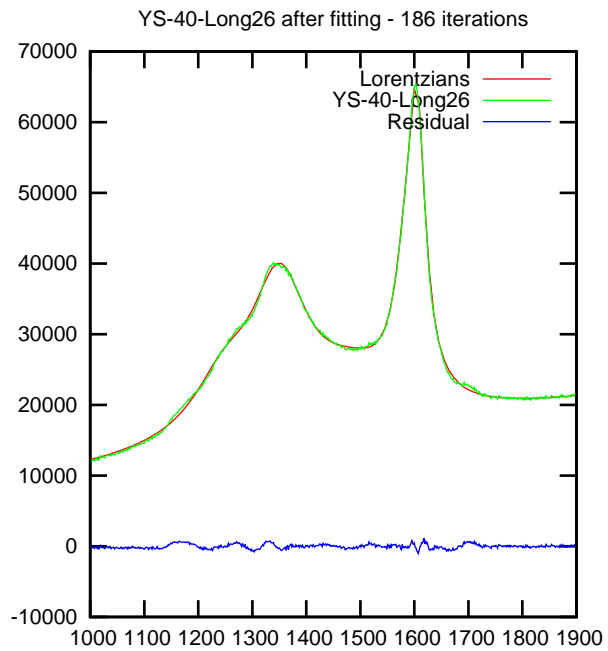
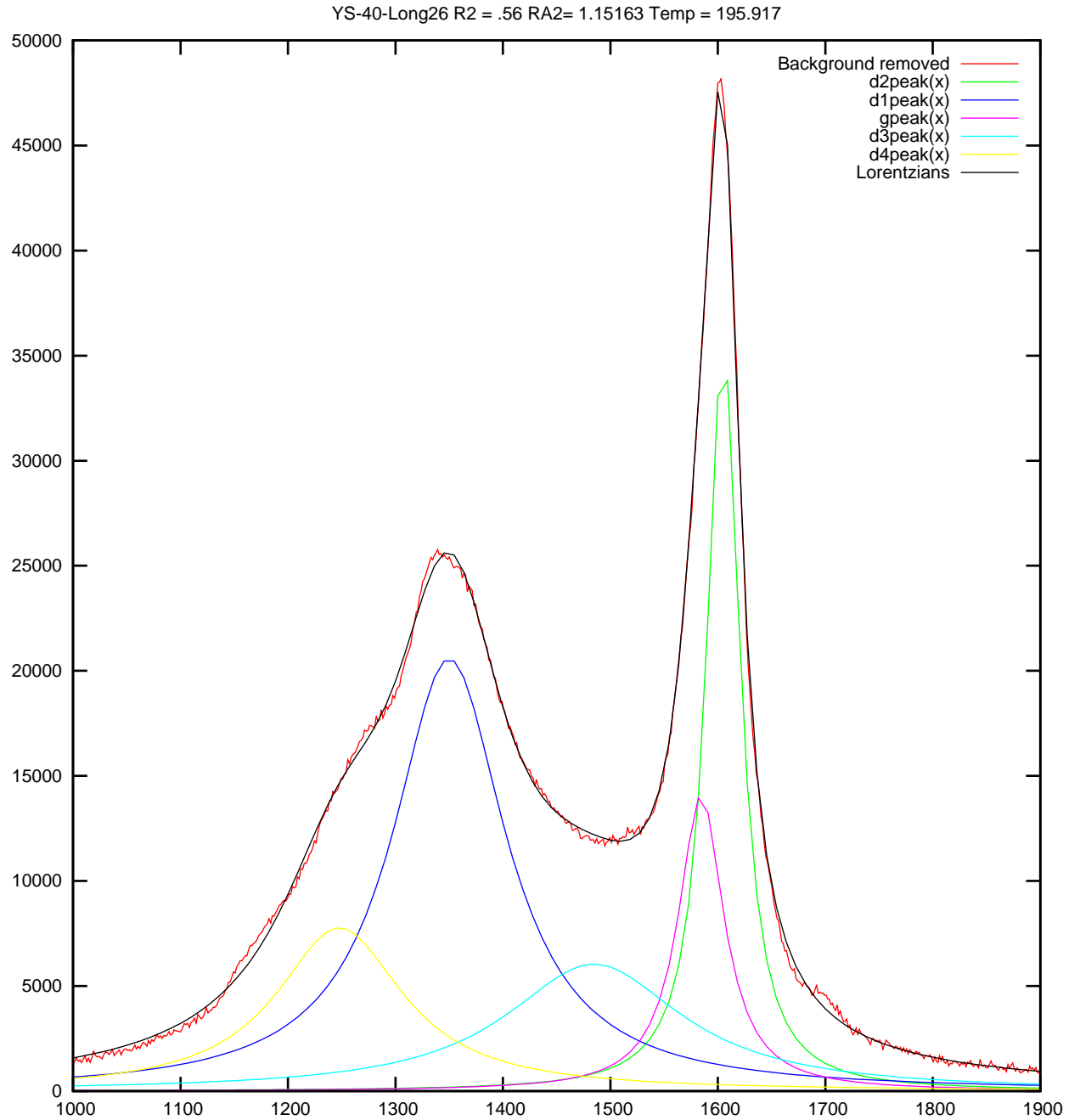
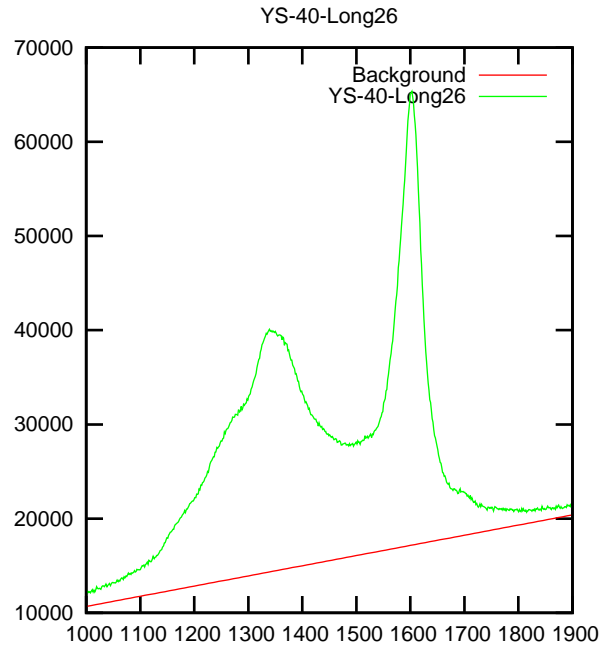


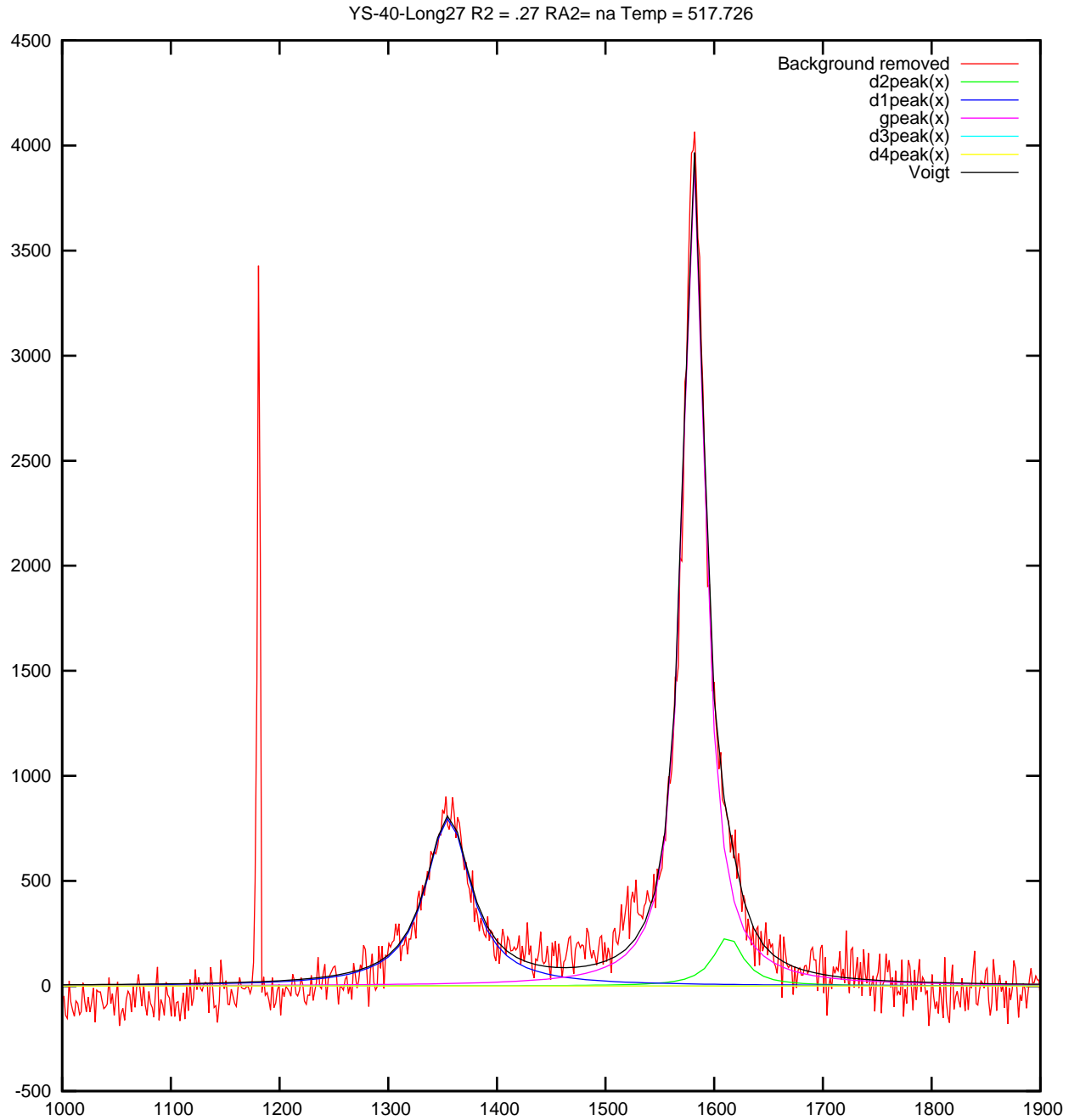
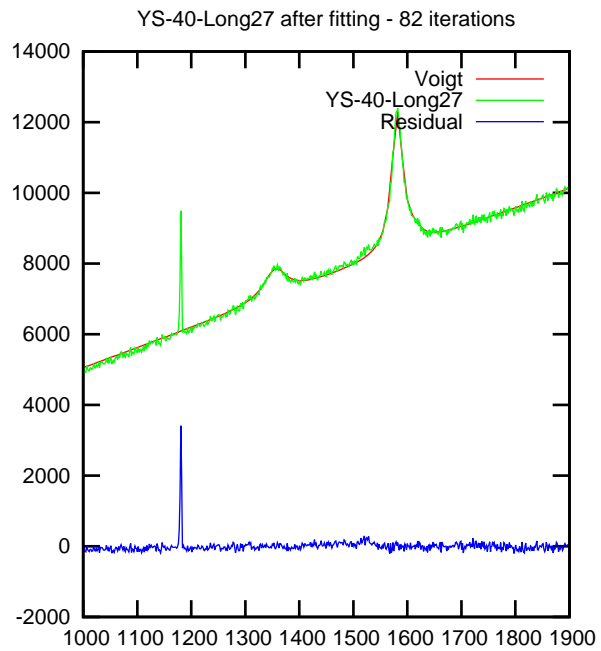
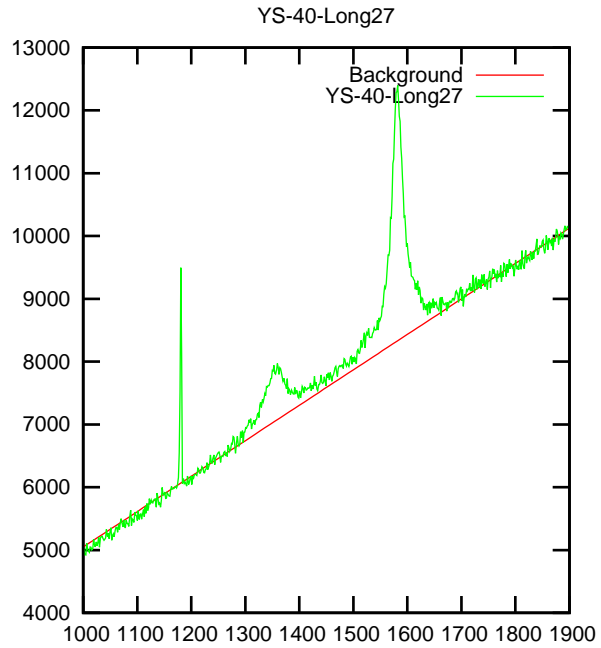


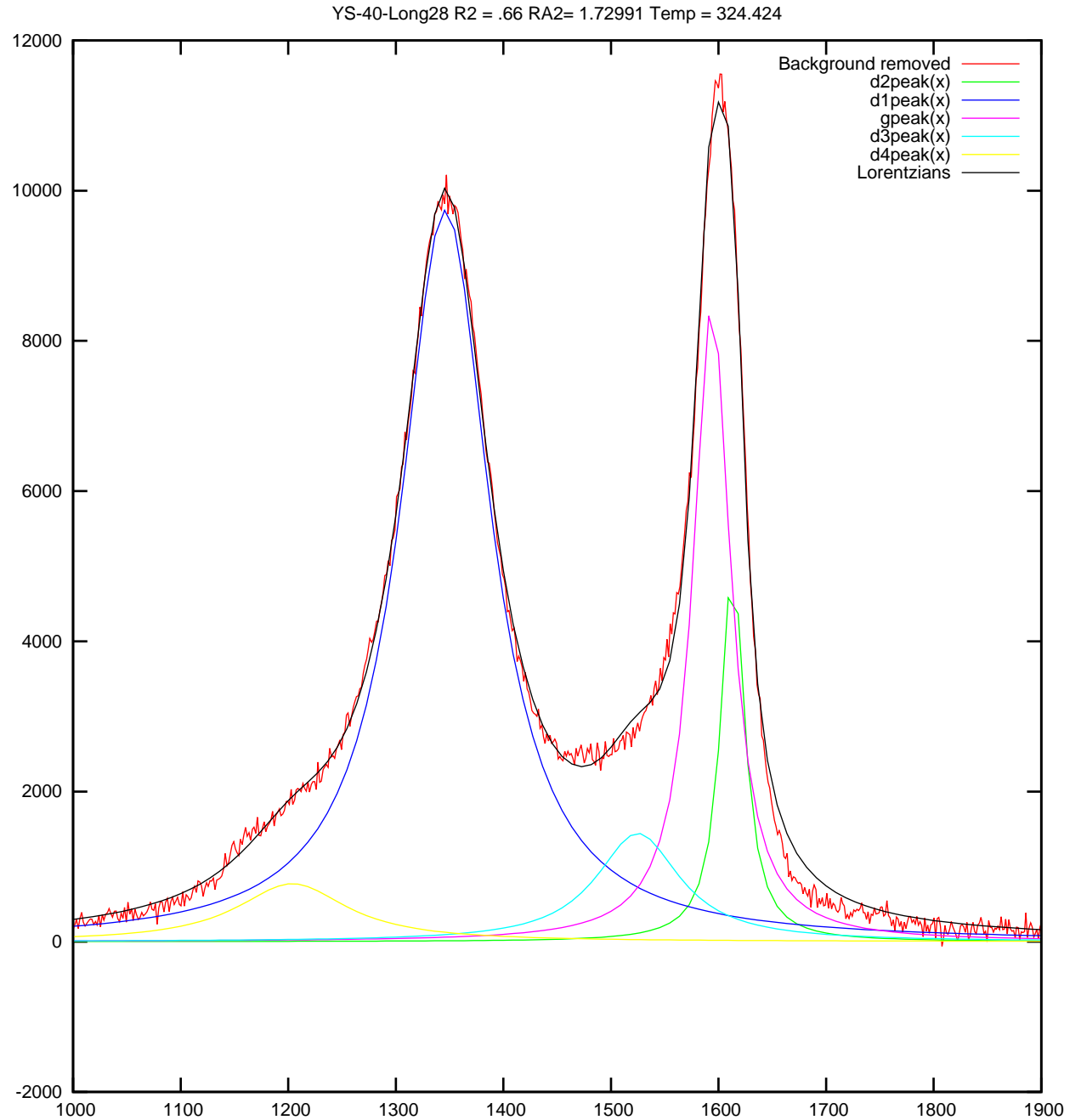
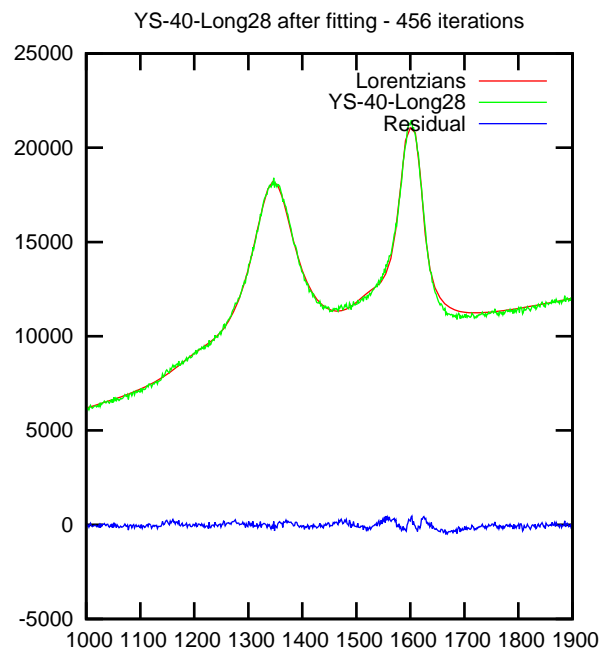
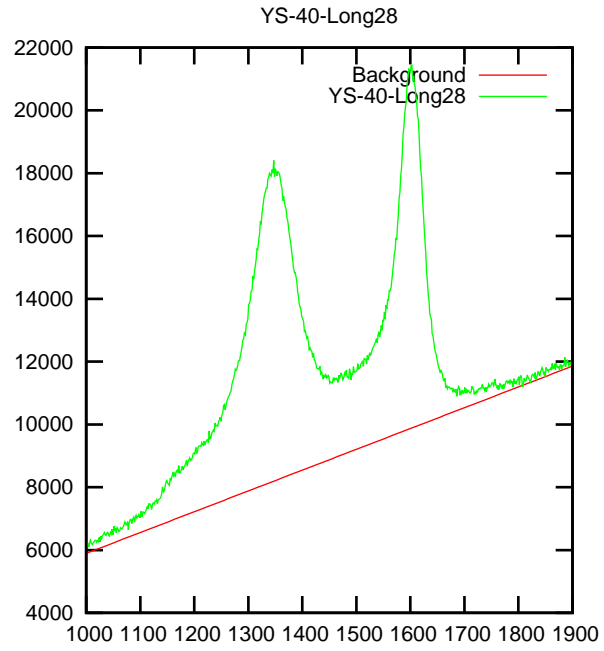


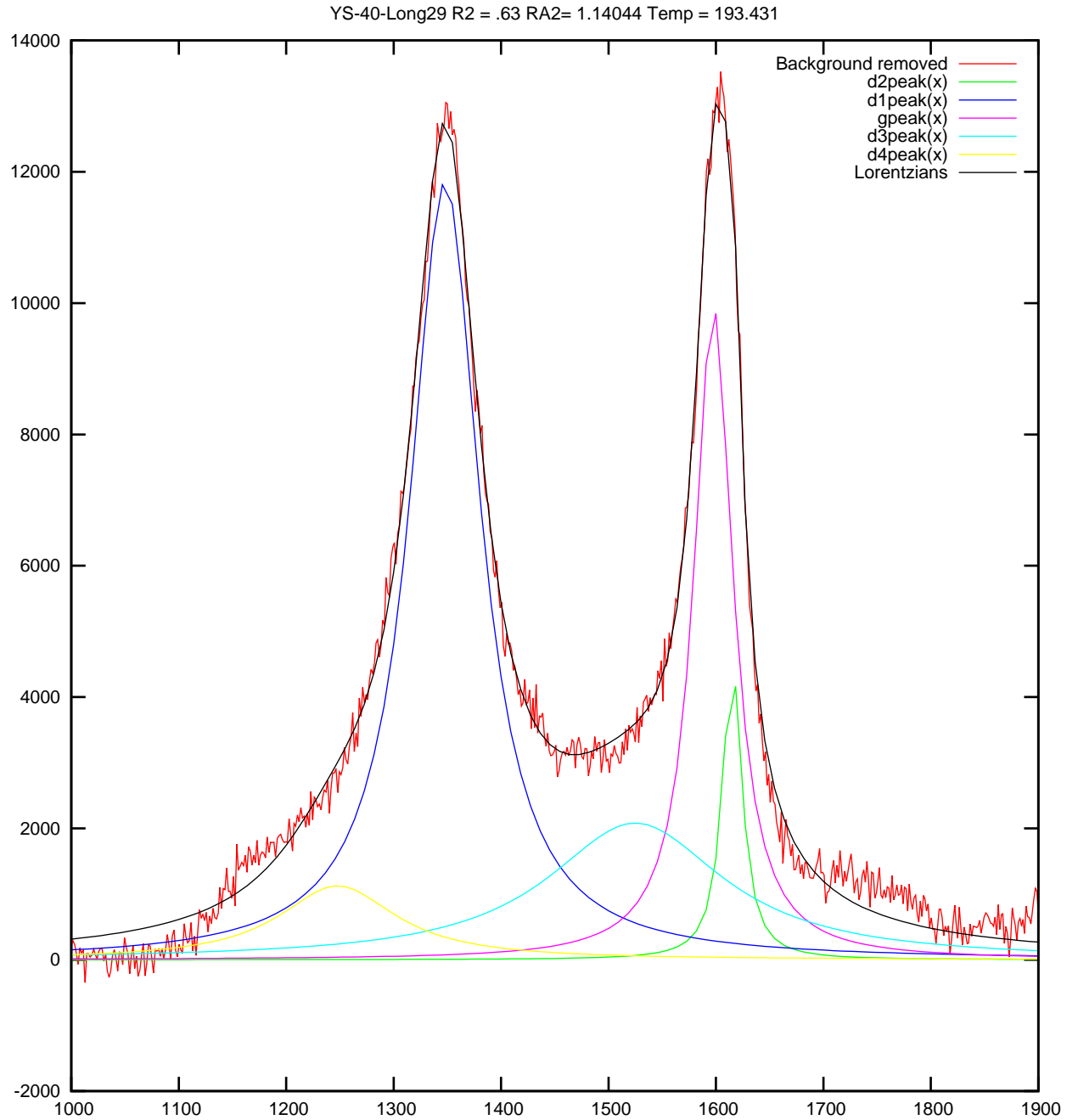
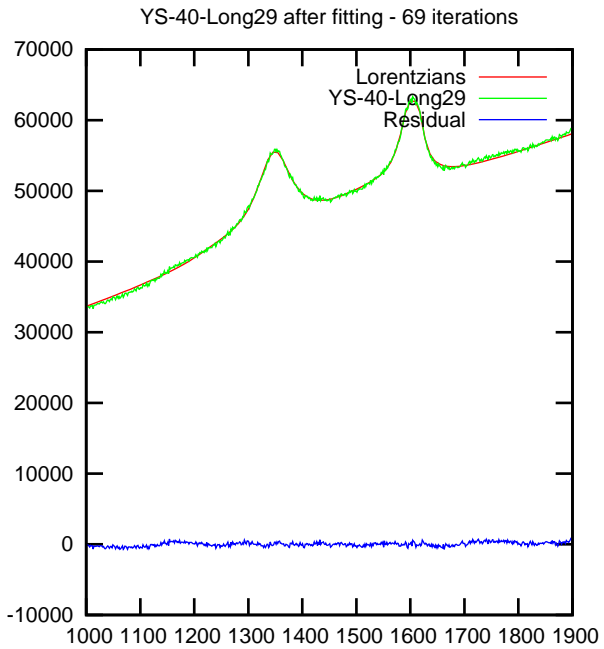
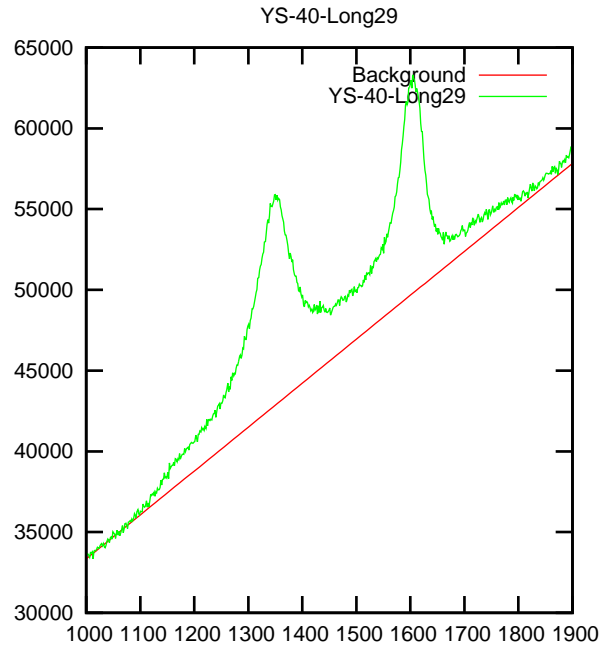


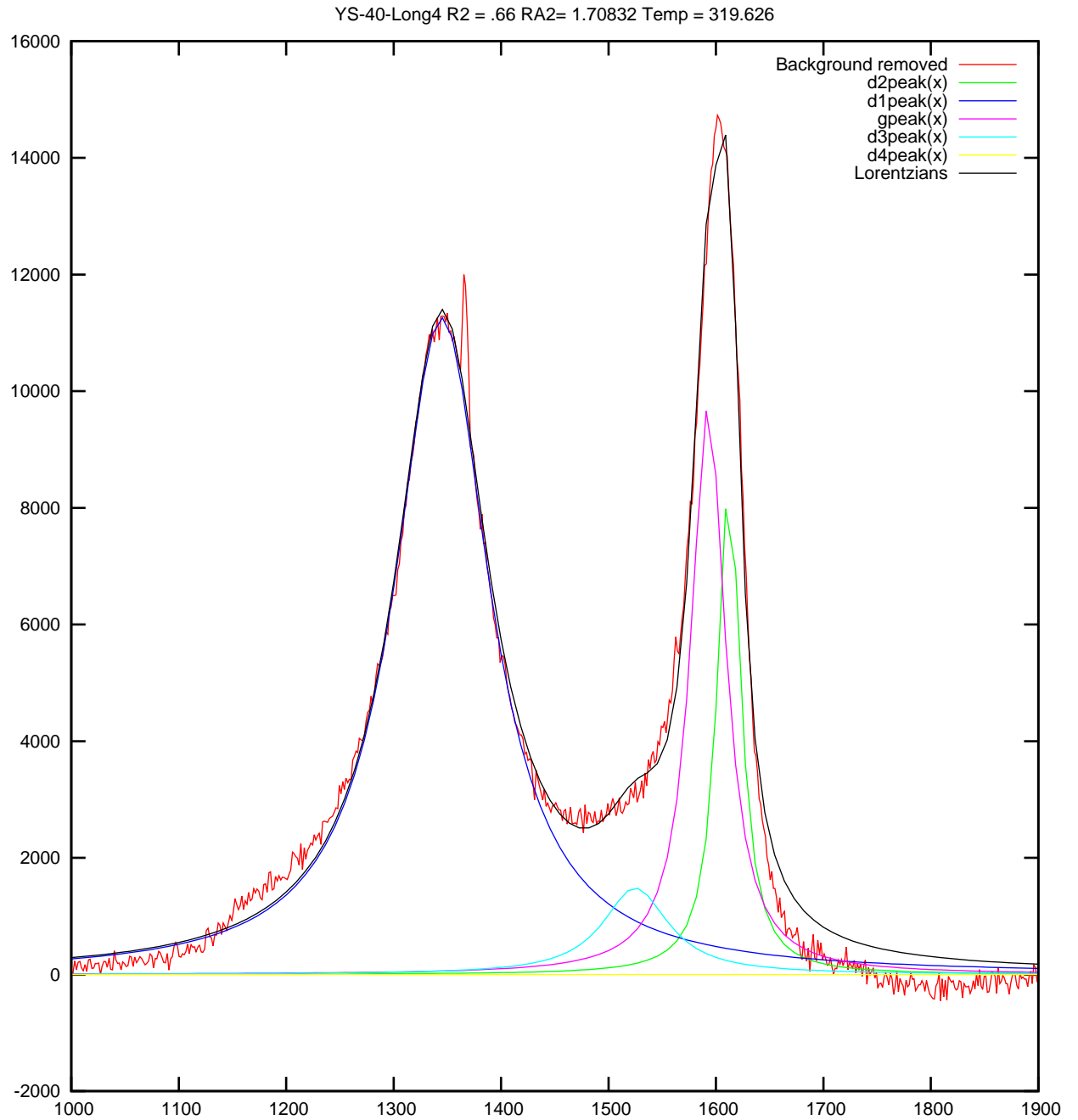
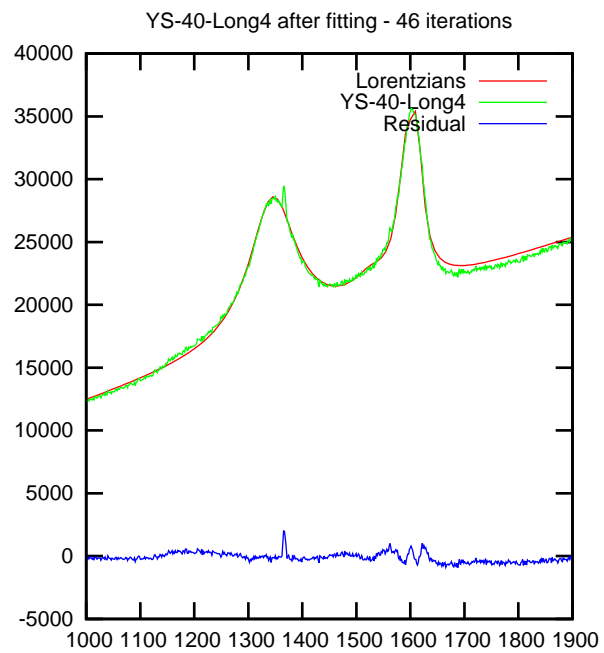
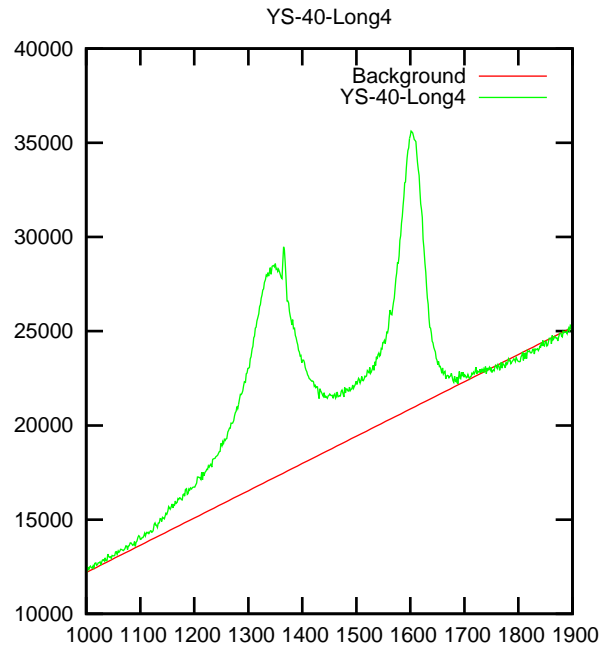


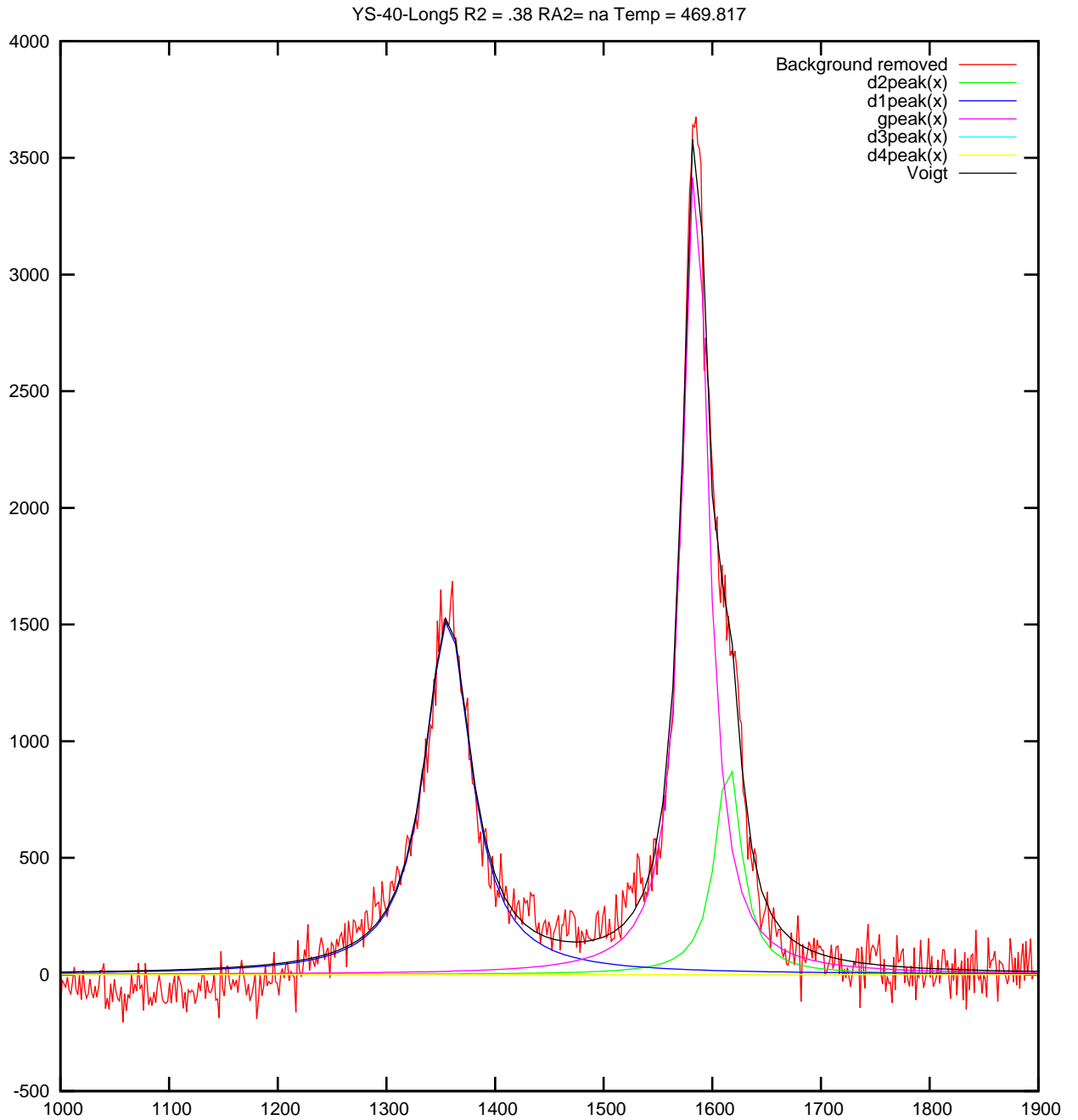
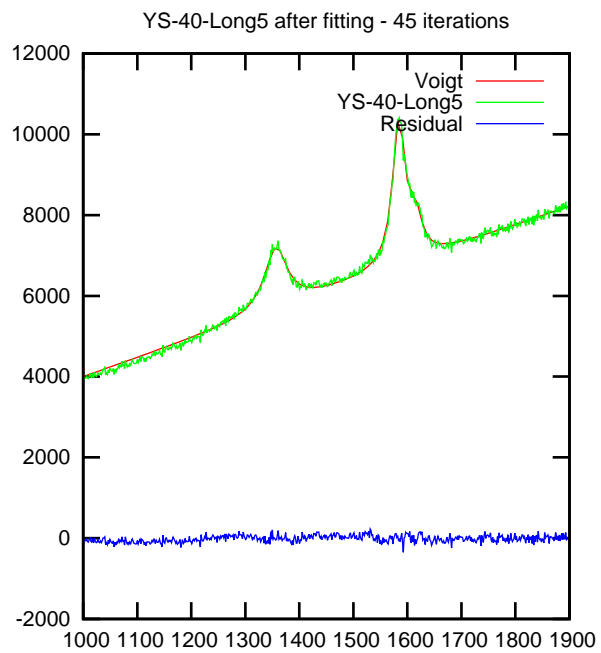
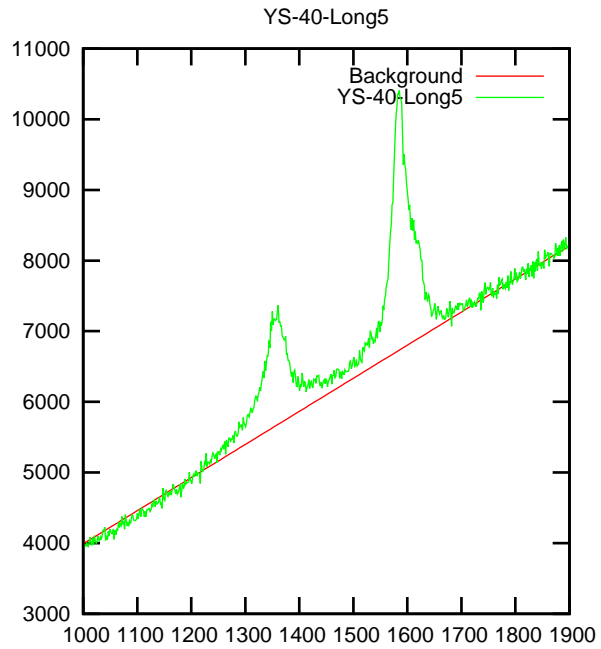


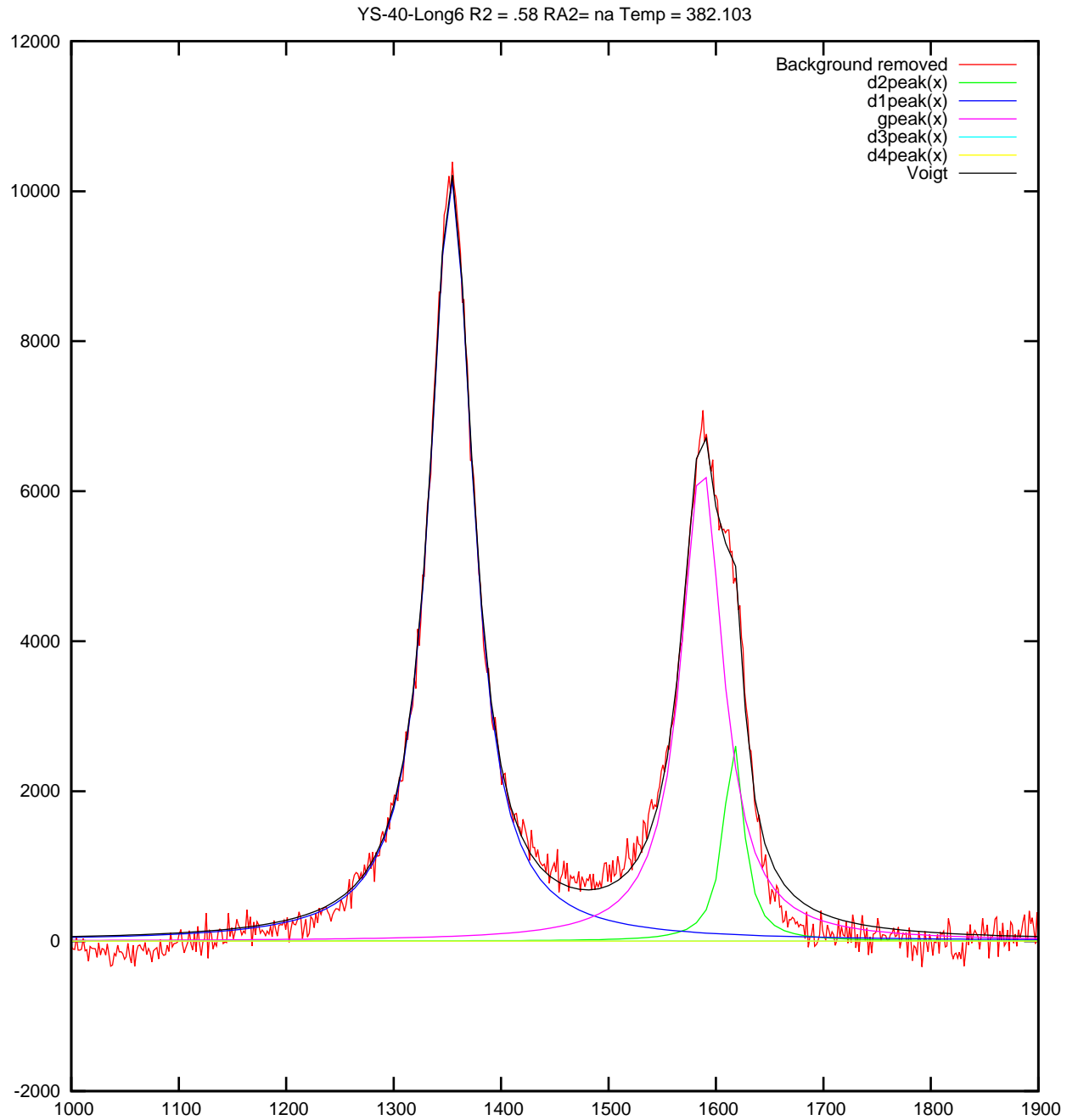
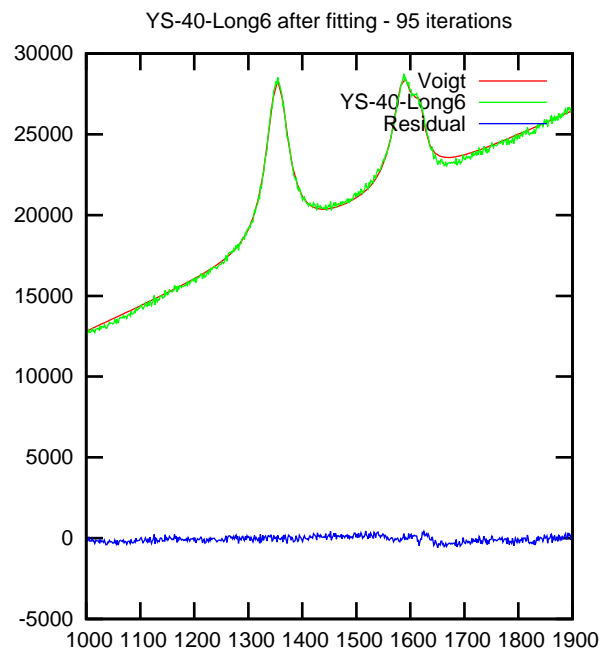
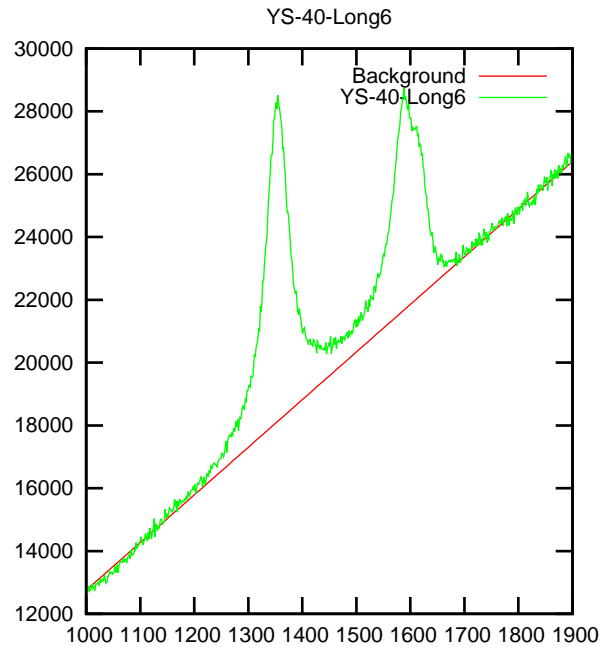


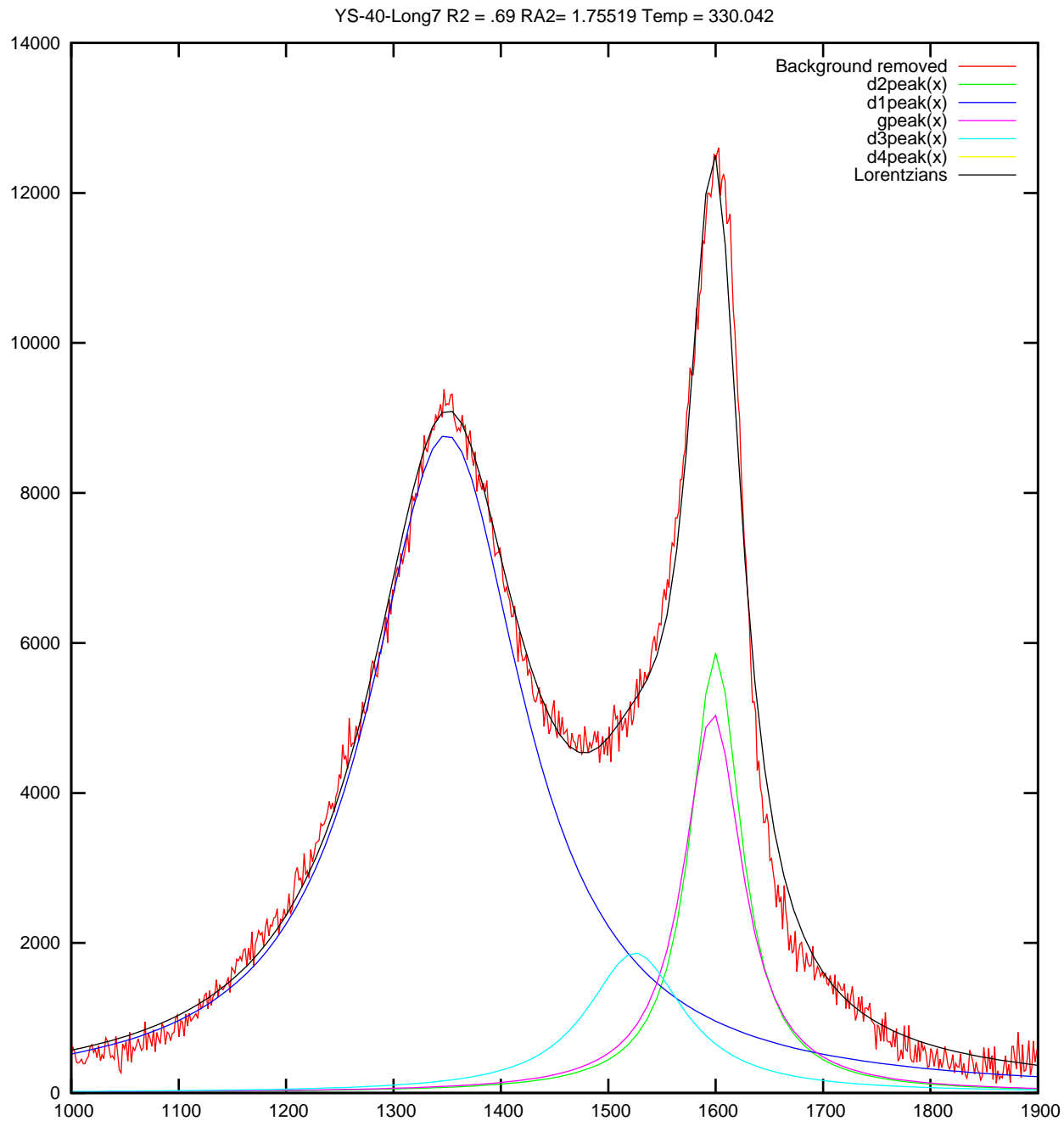
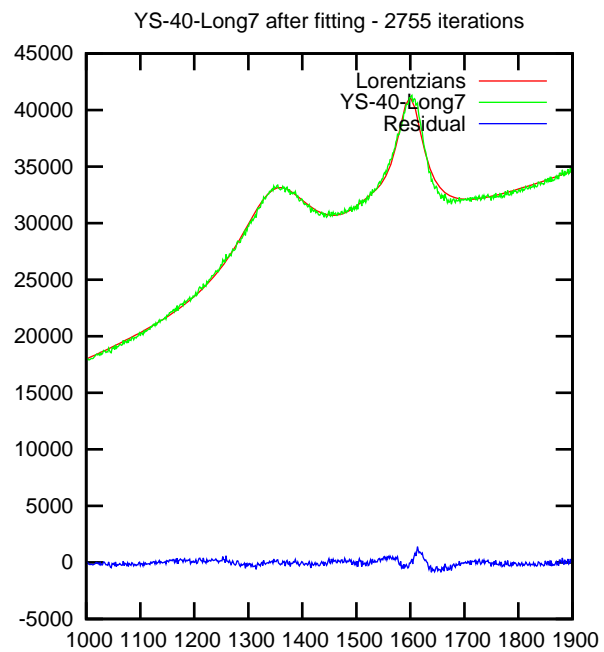
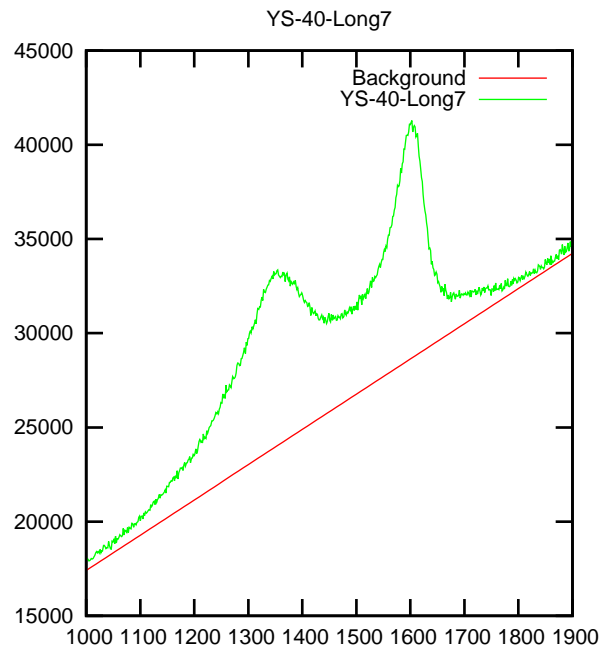


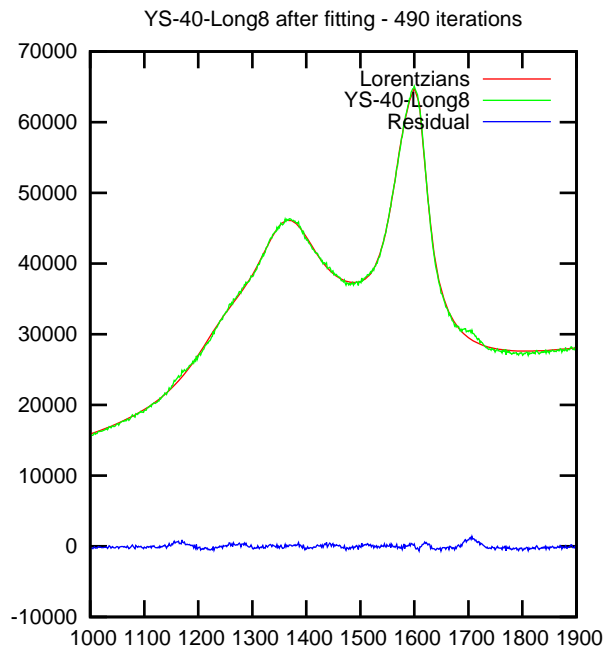
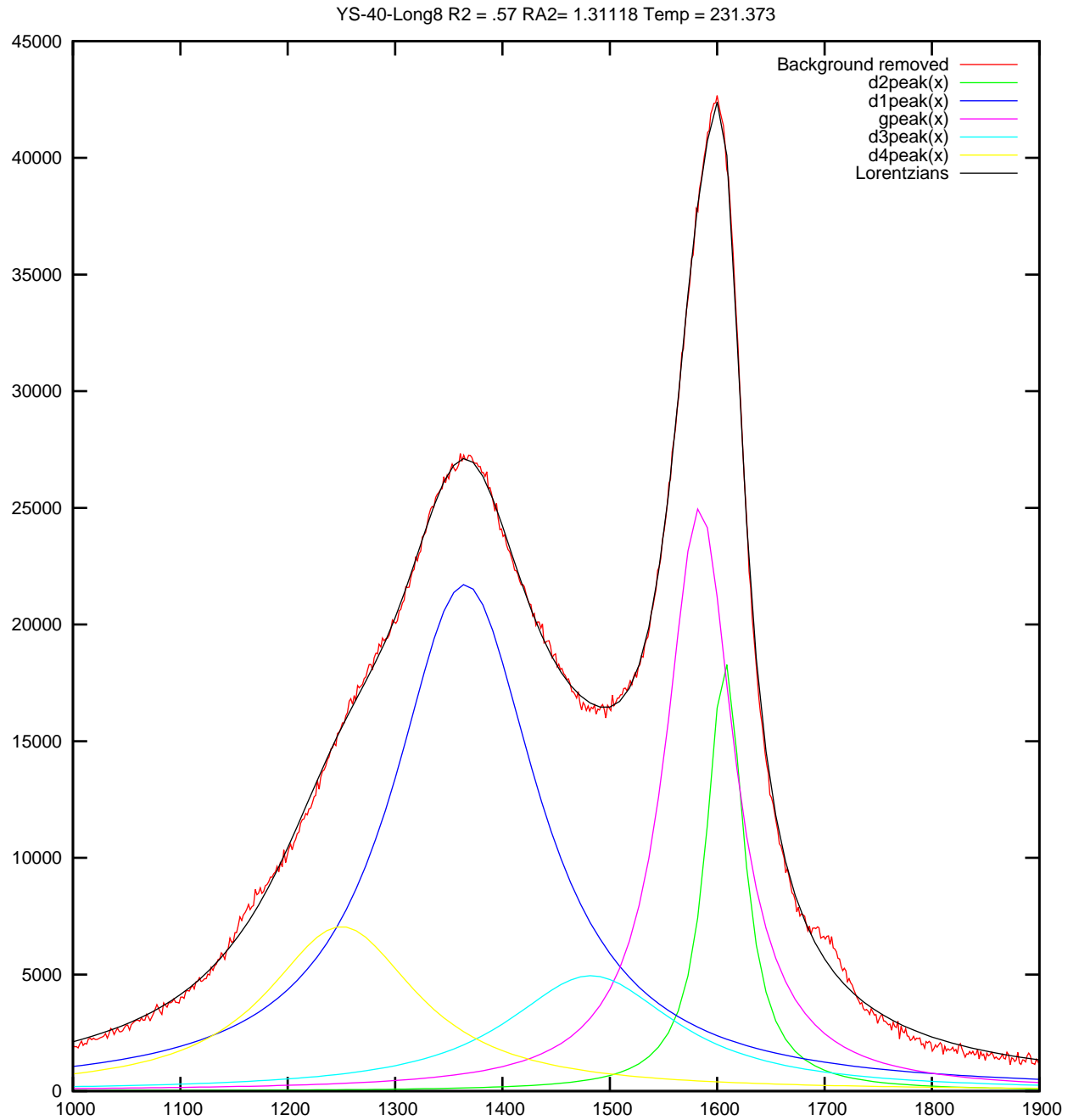
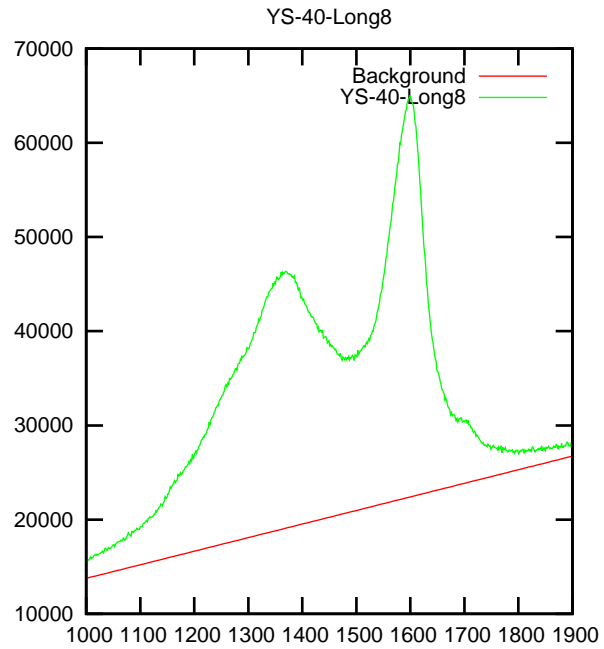




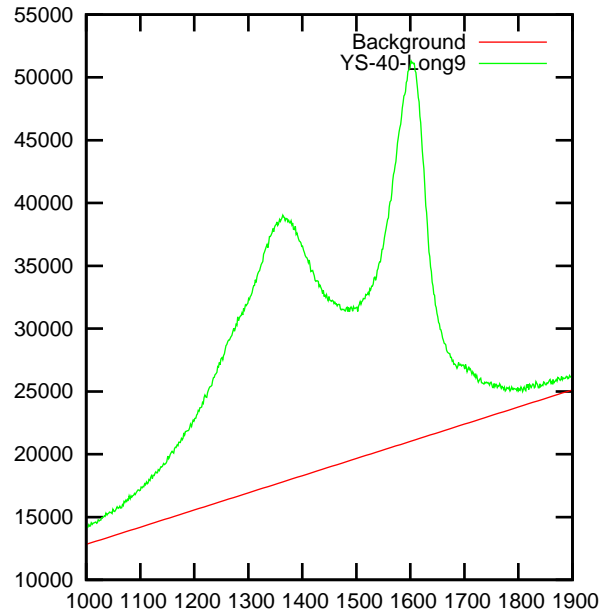




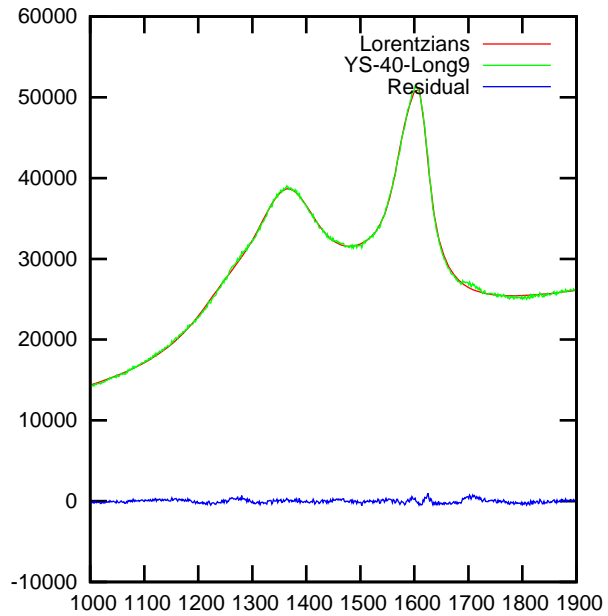




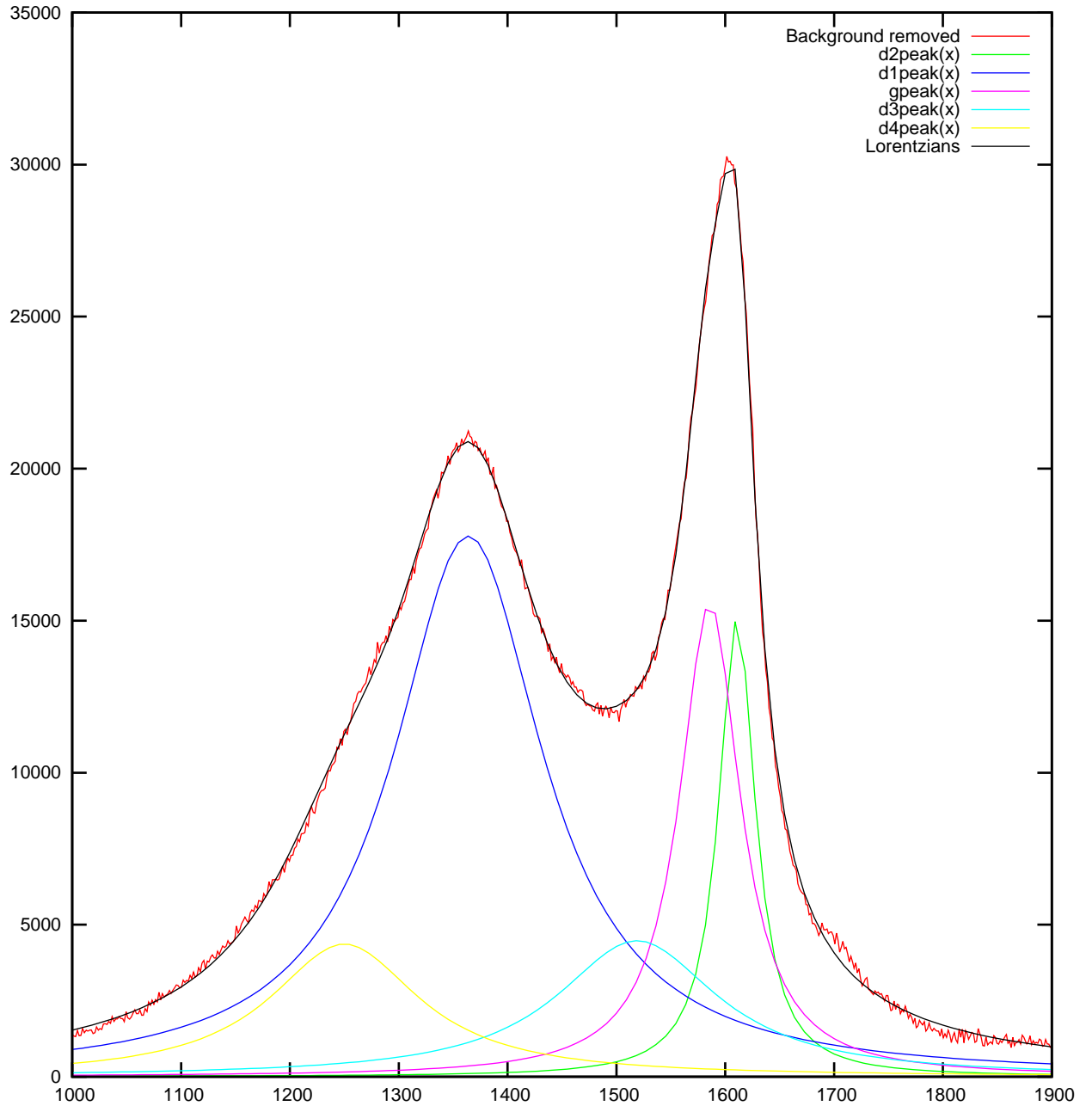
YS-40-Long9

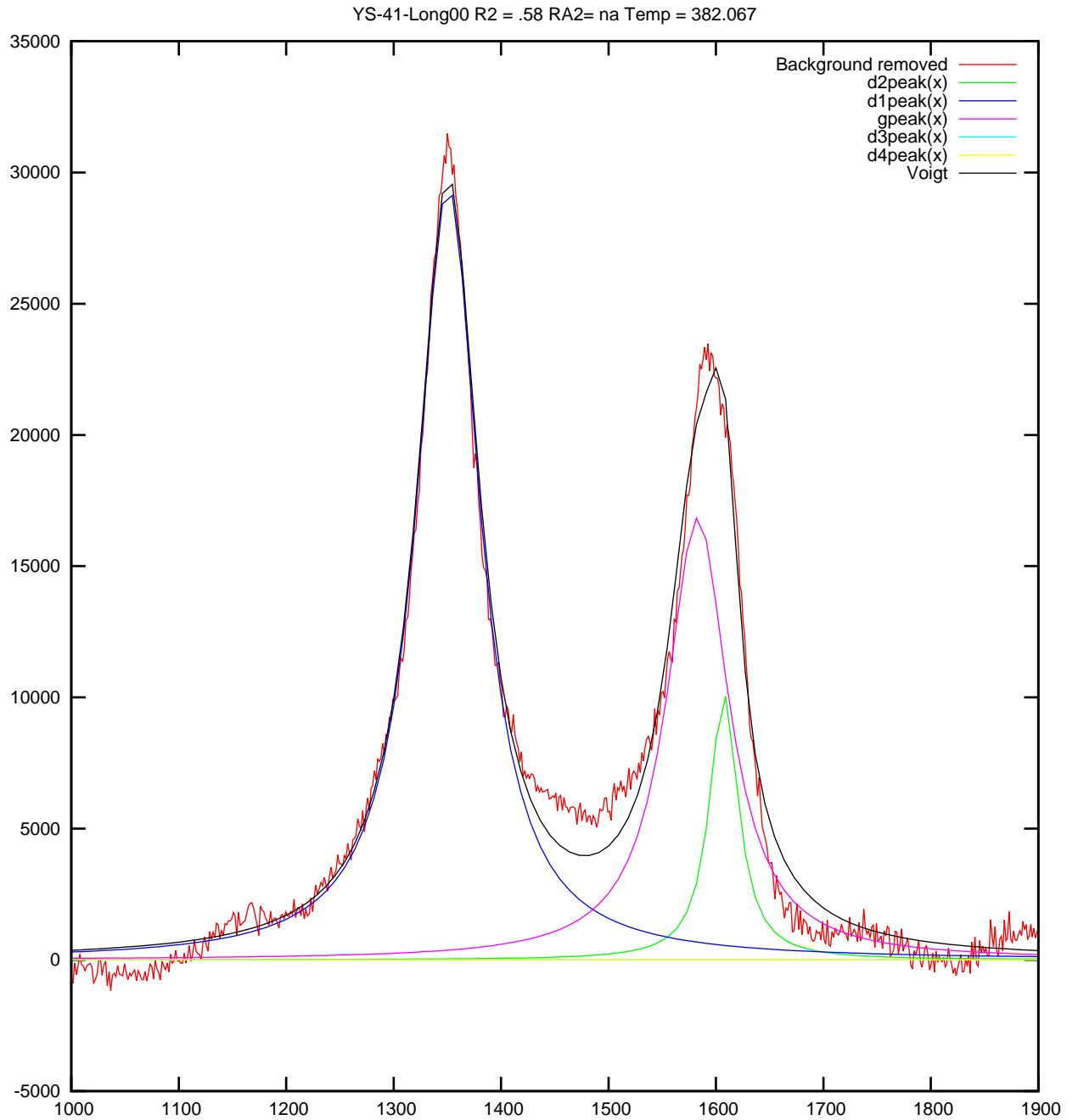
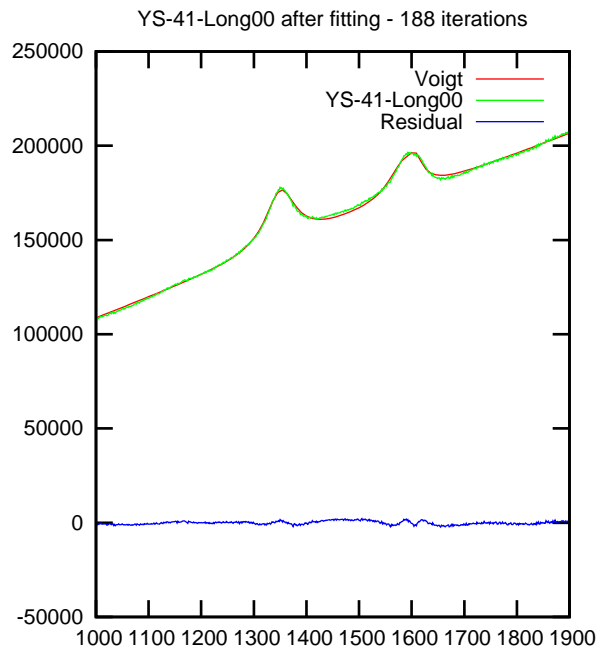
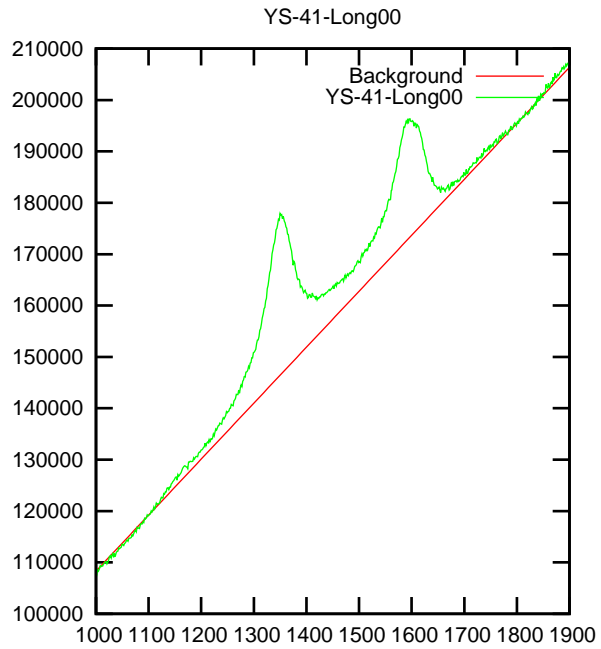


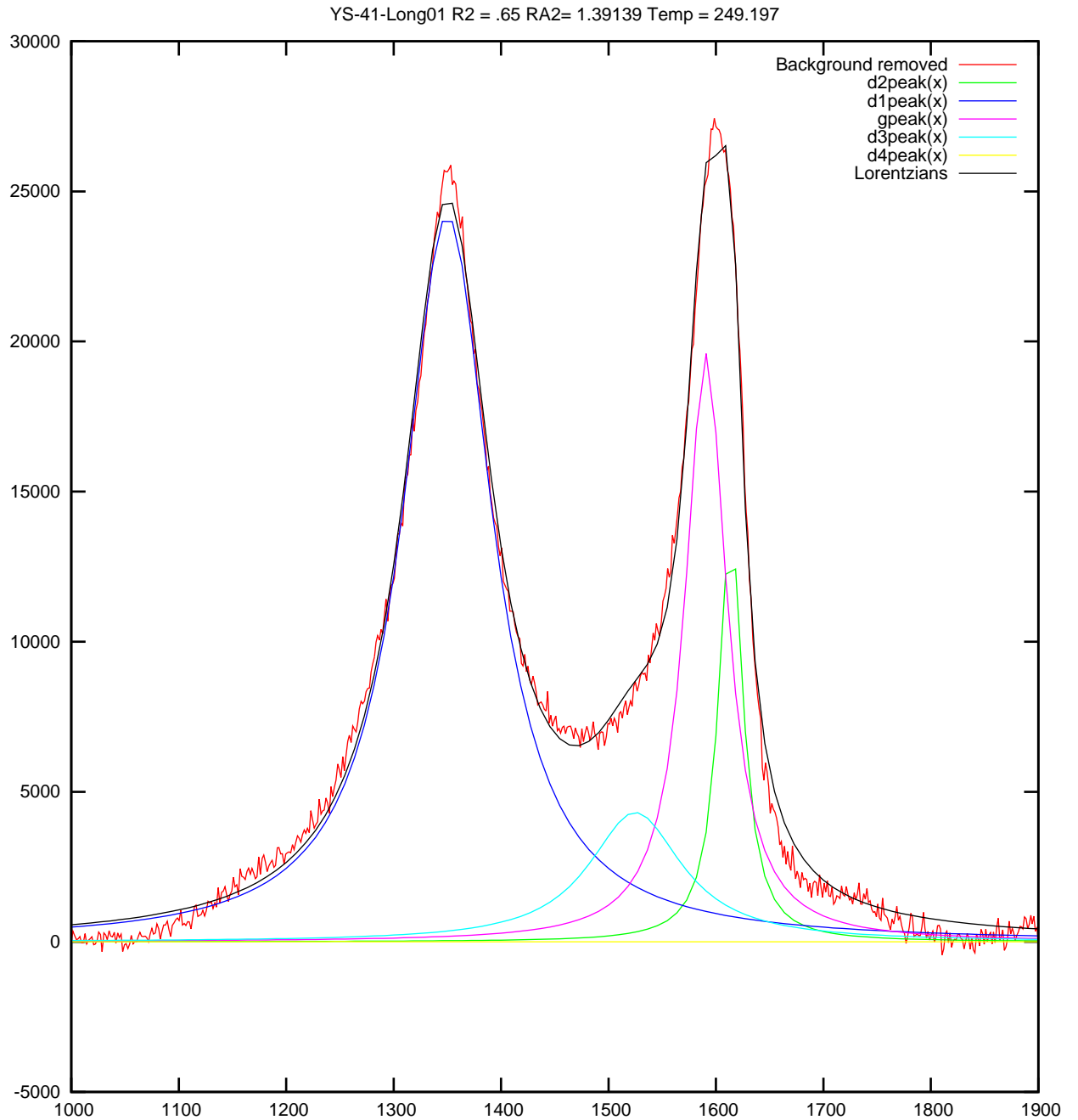
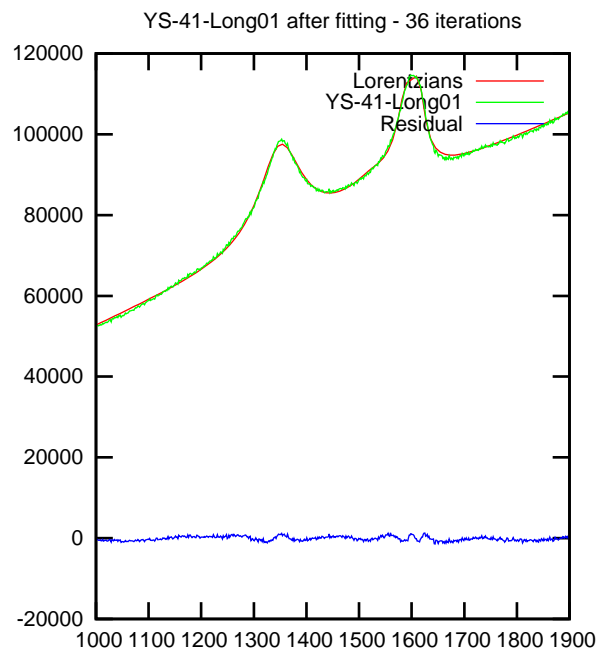
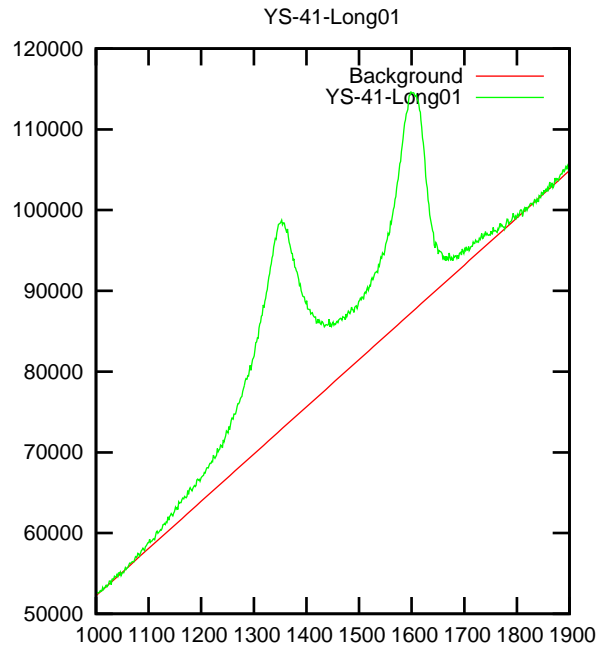
YS-40-Long9 after fitting - 333 iterations

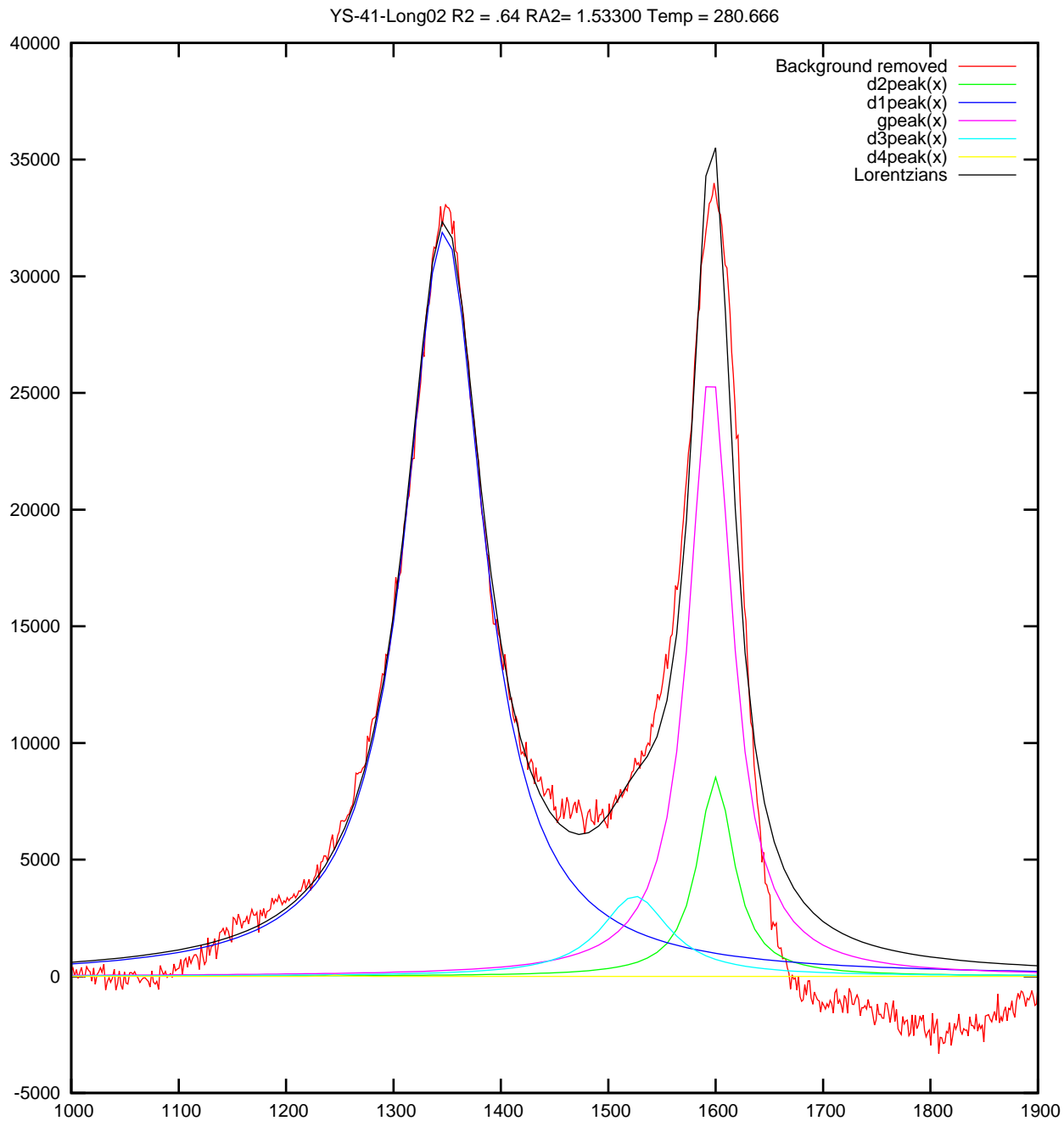
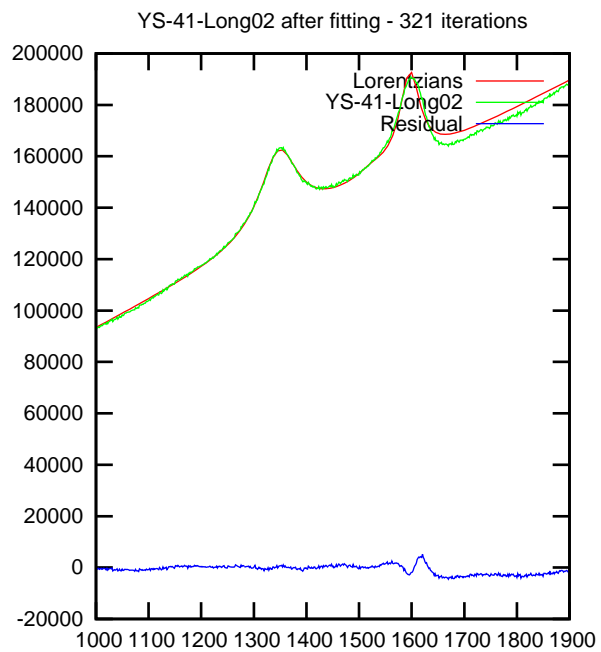
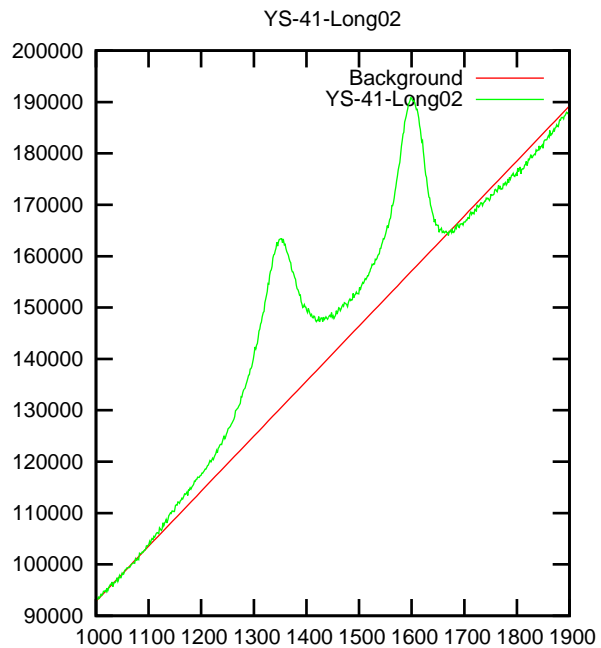


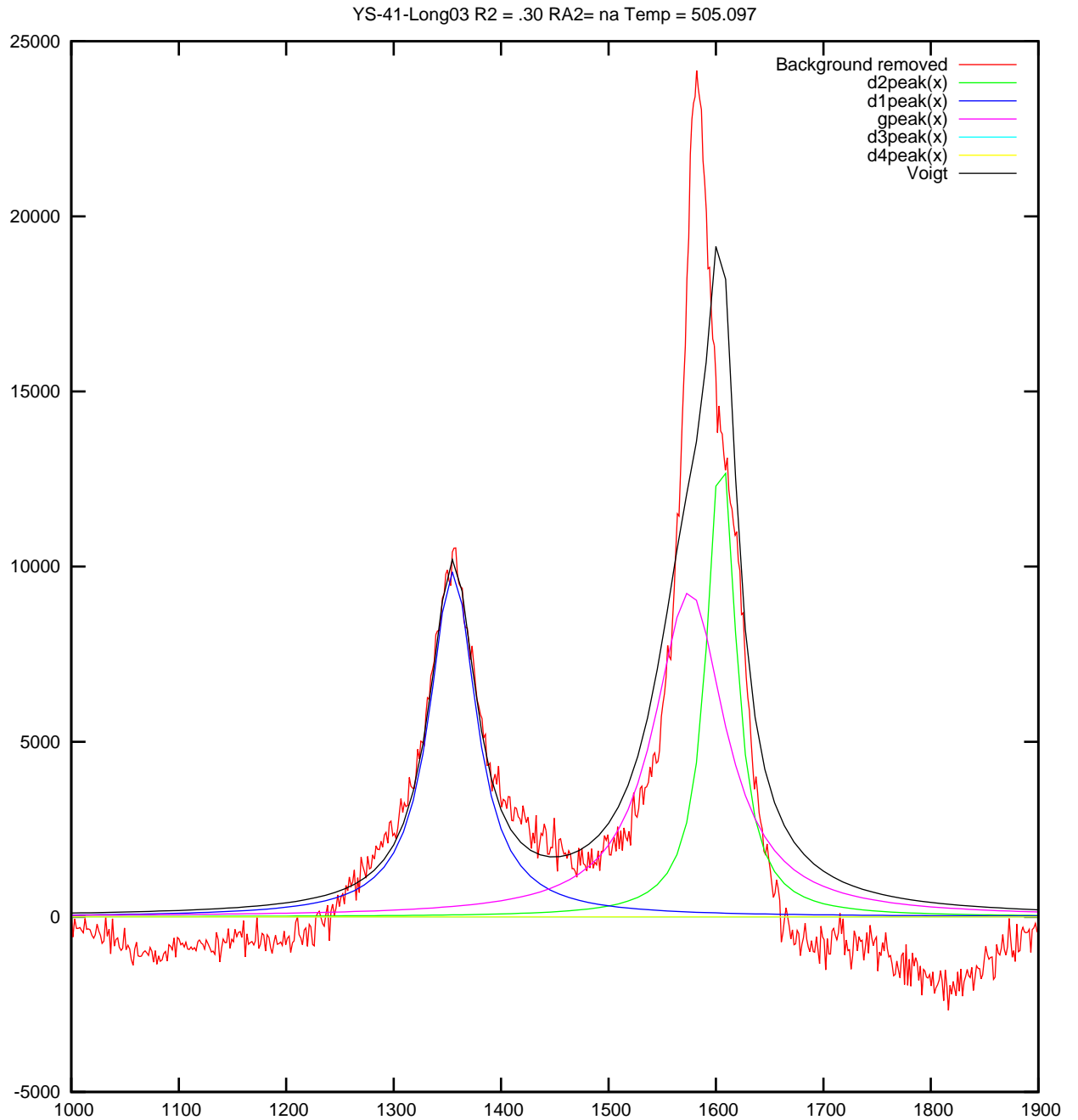
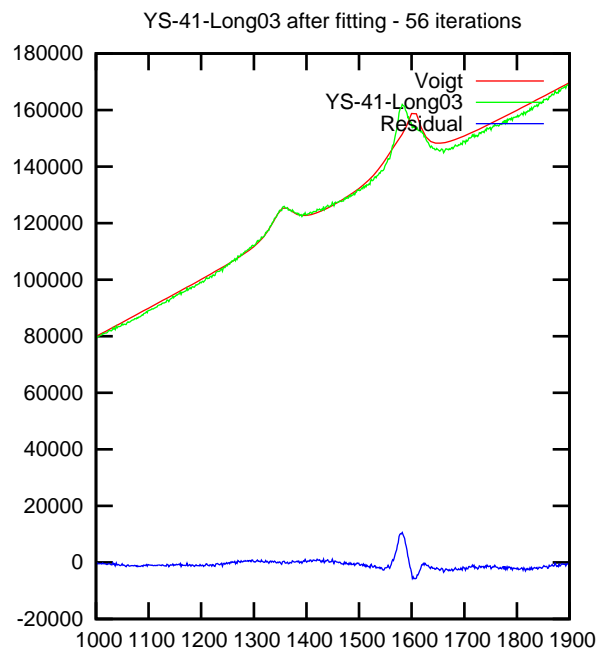
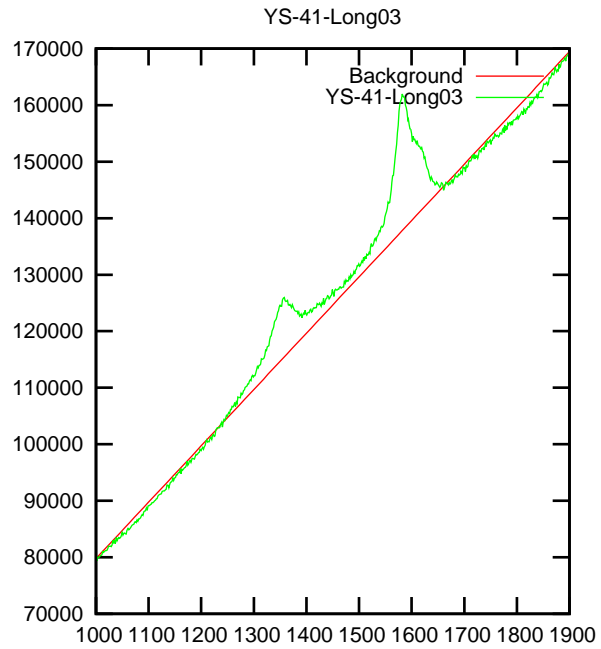
YS-40-Long9 R2 = .64 RA2= 1.49905 Temp = 273.122

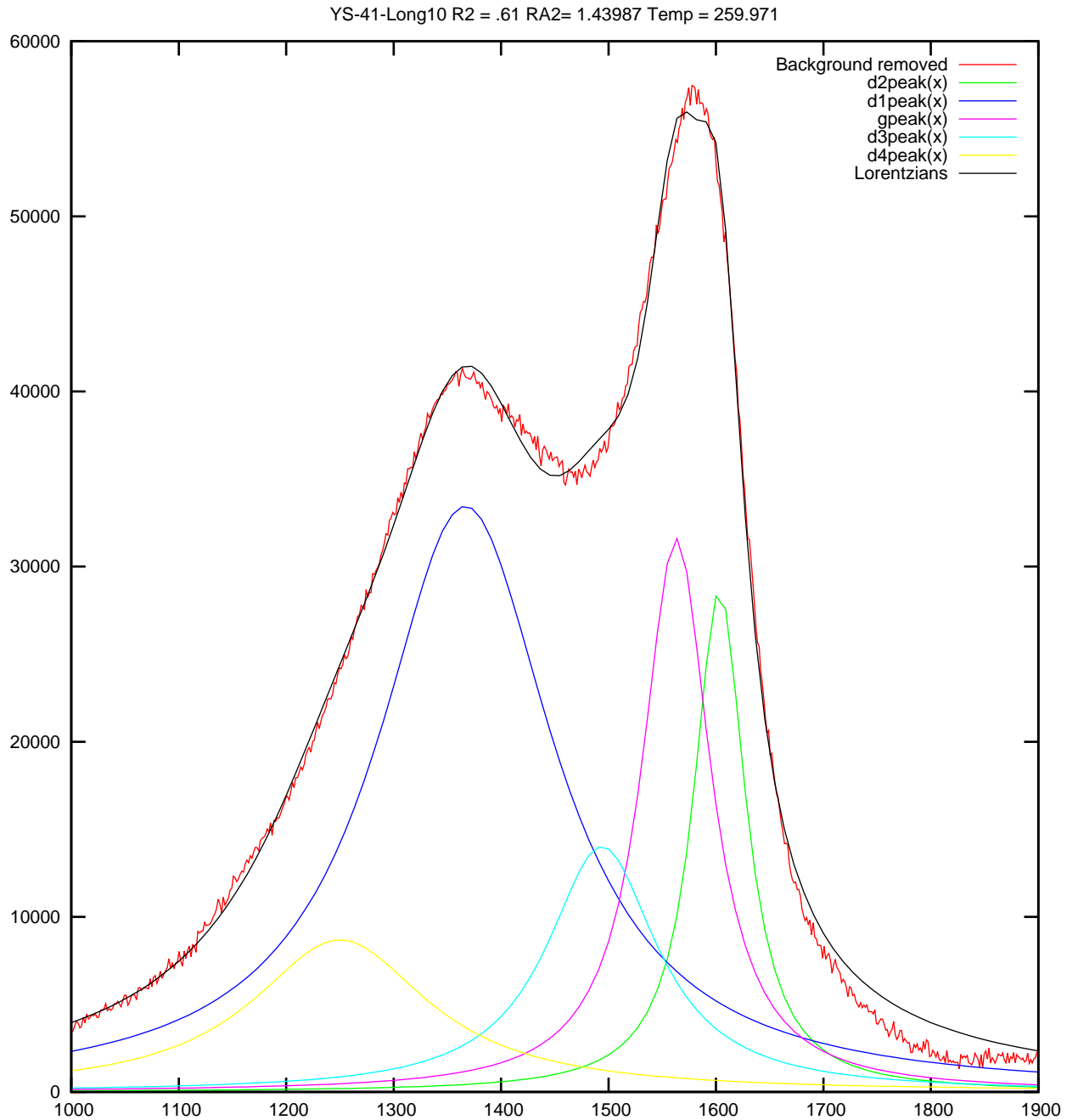
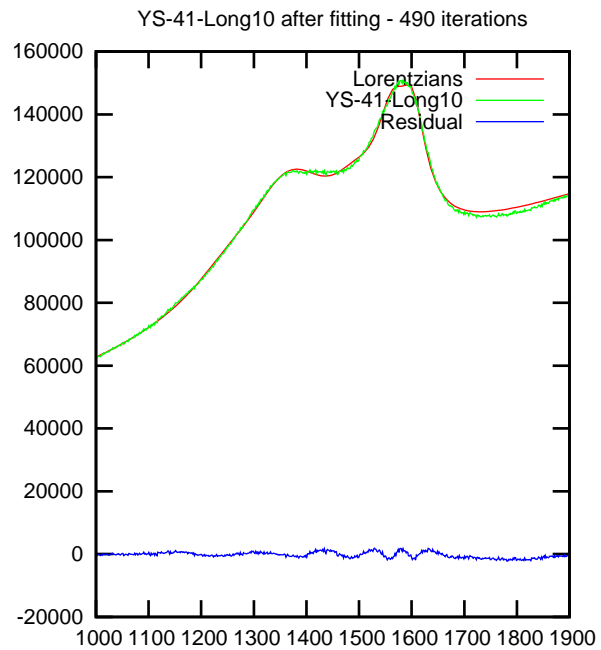
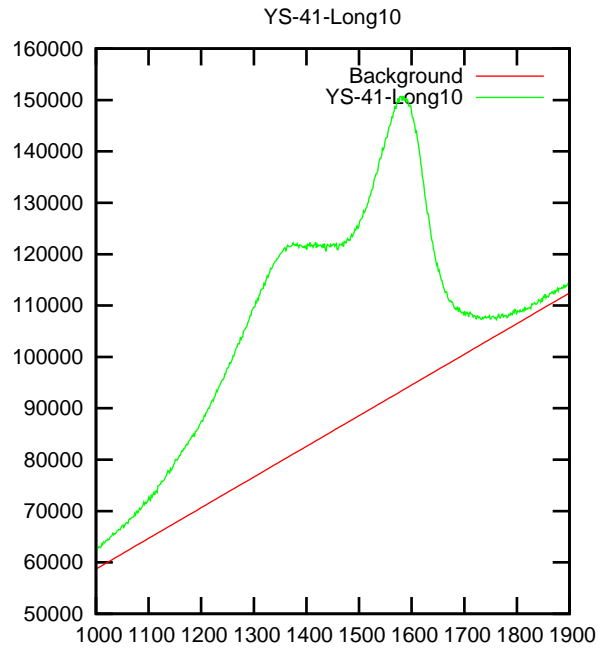




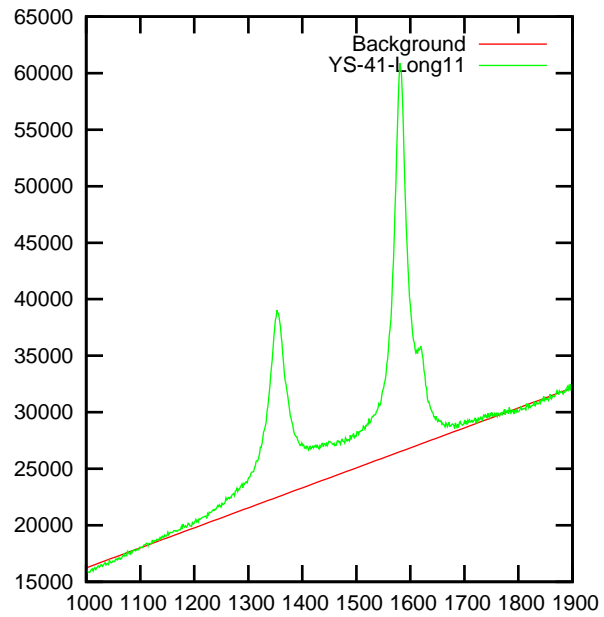




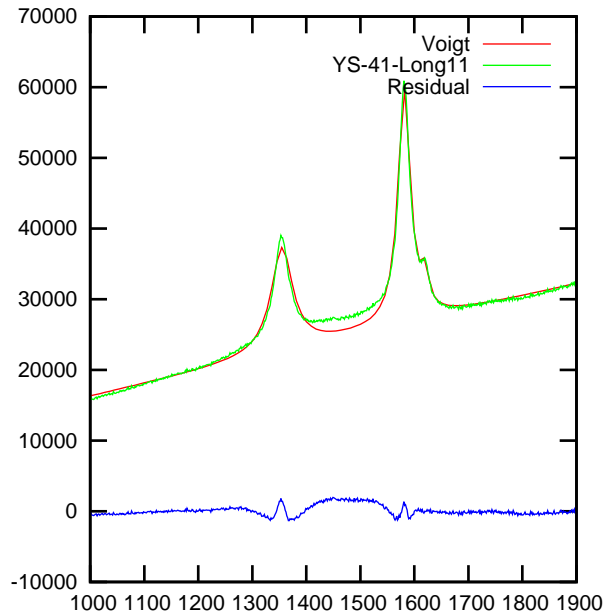




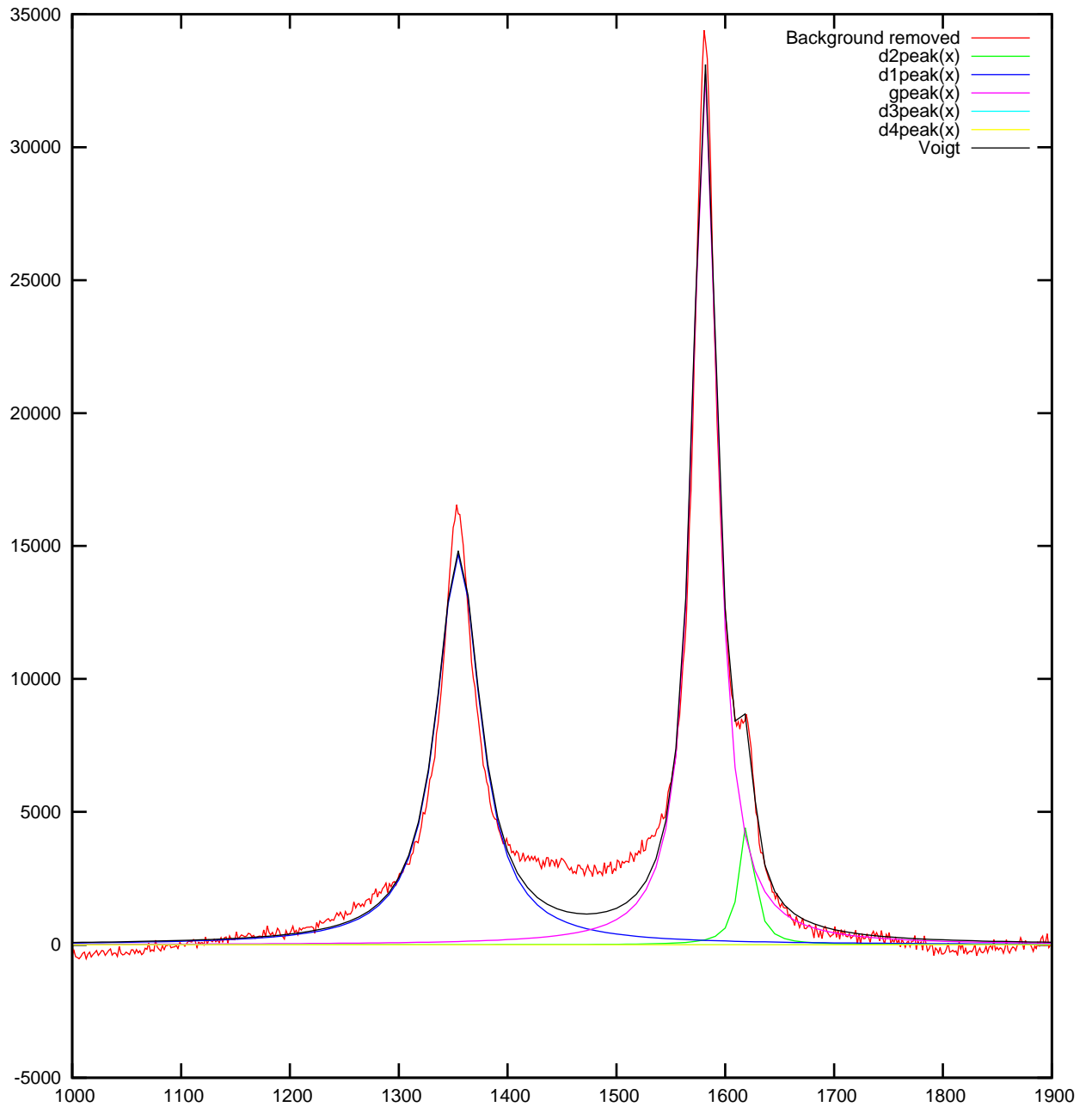
YS-41-Long11

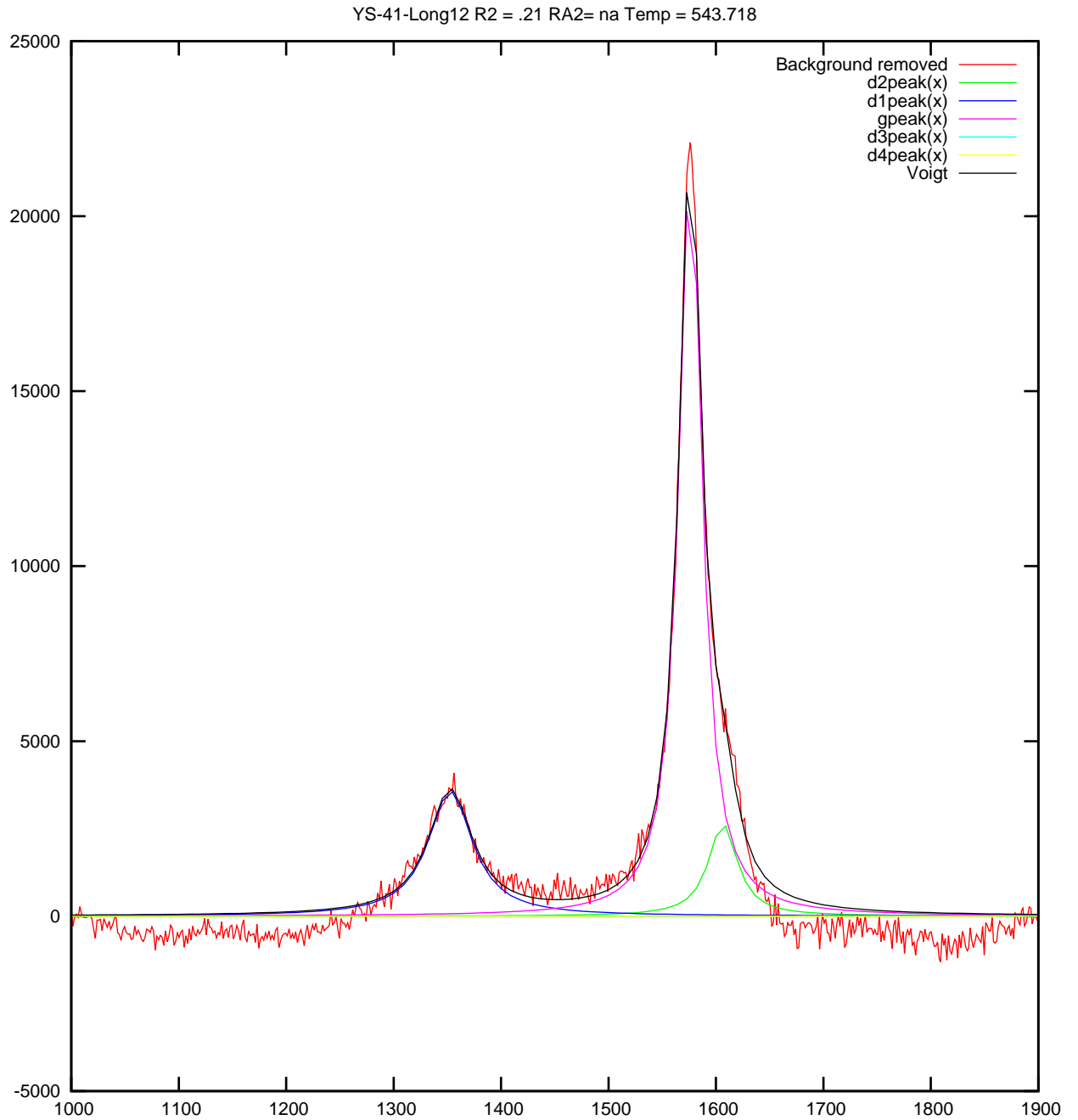
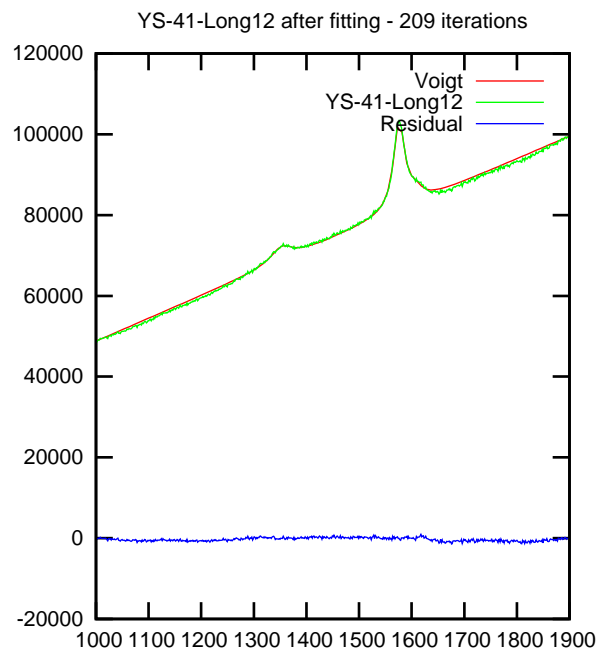
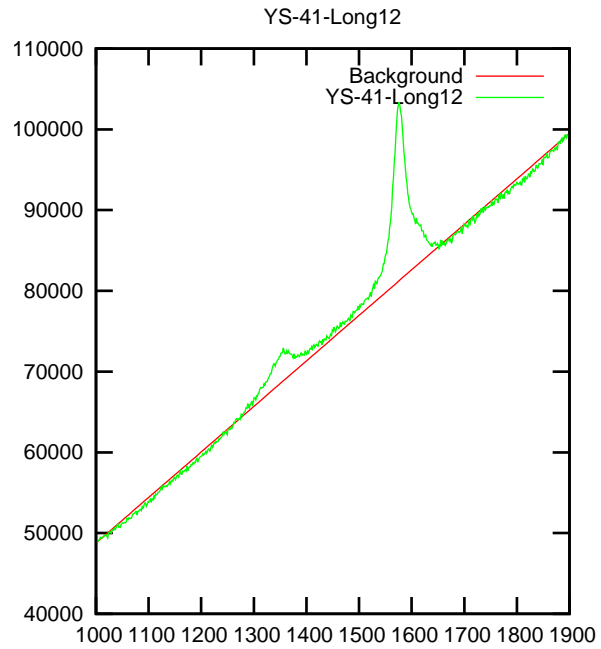


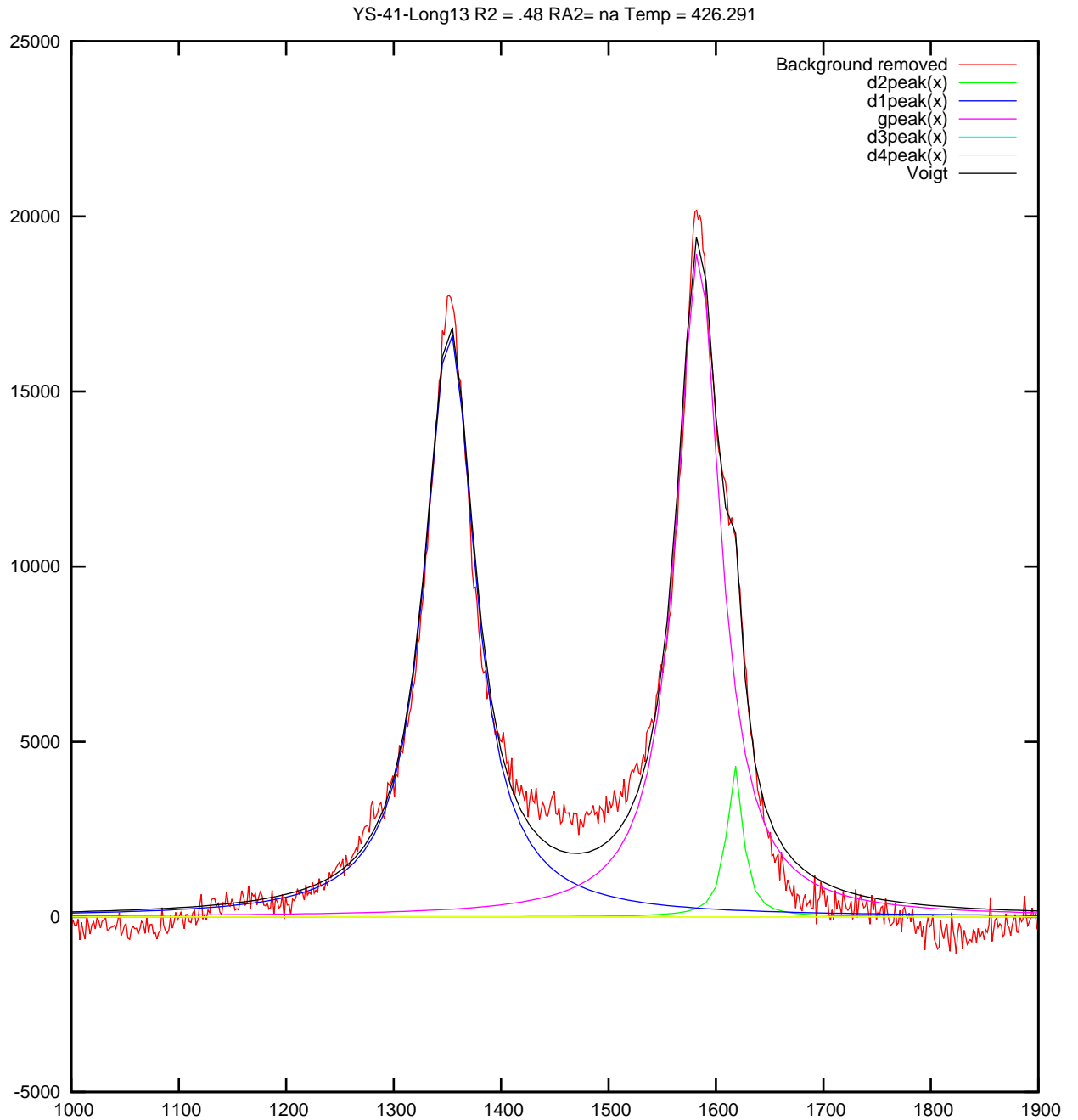
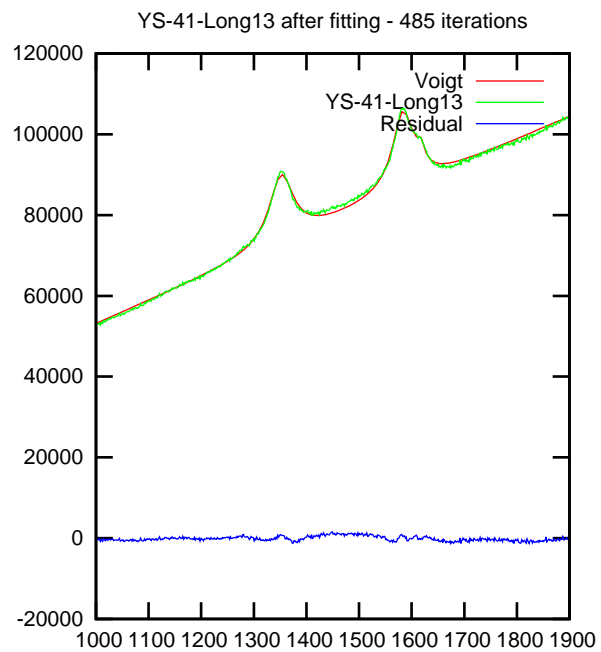
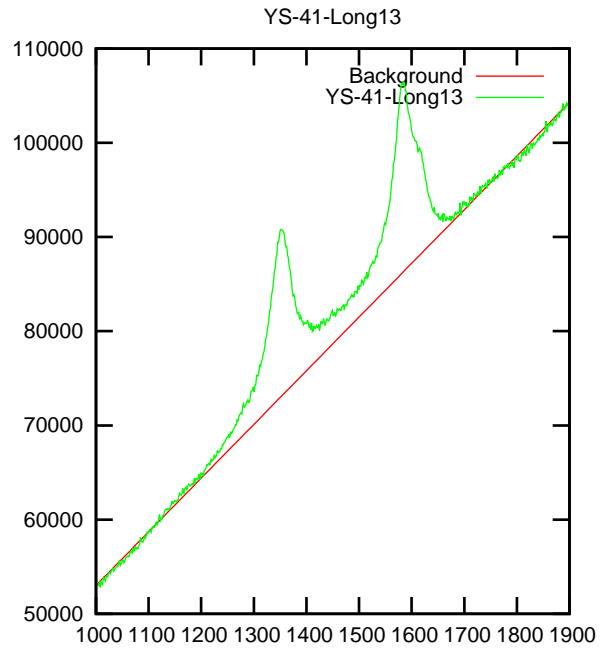
YS-41-Long11 after fitting - 90 iterations

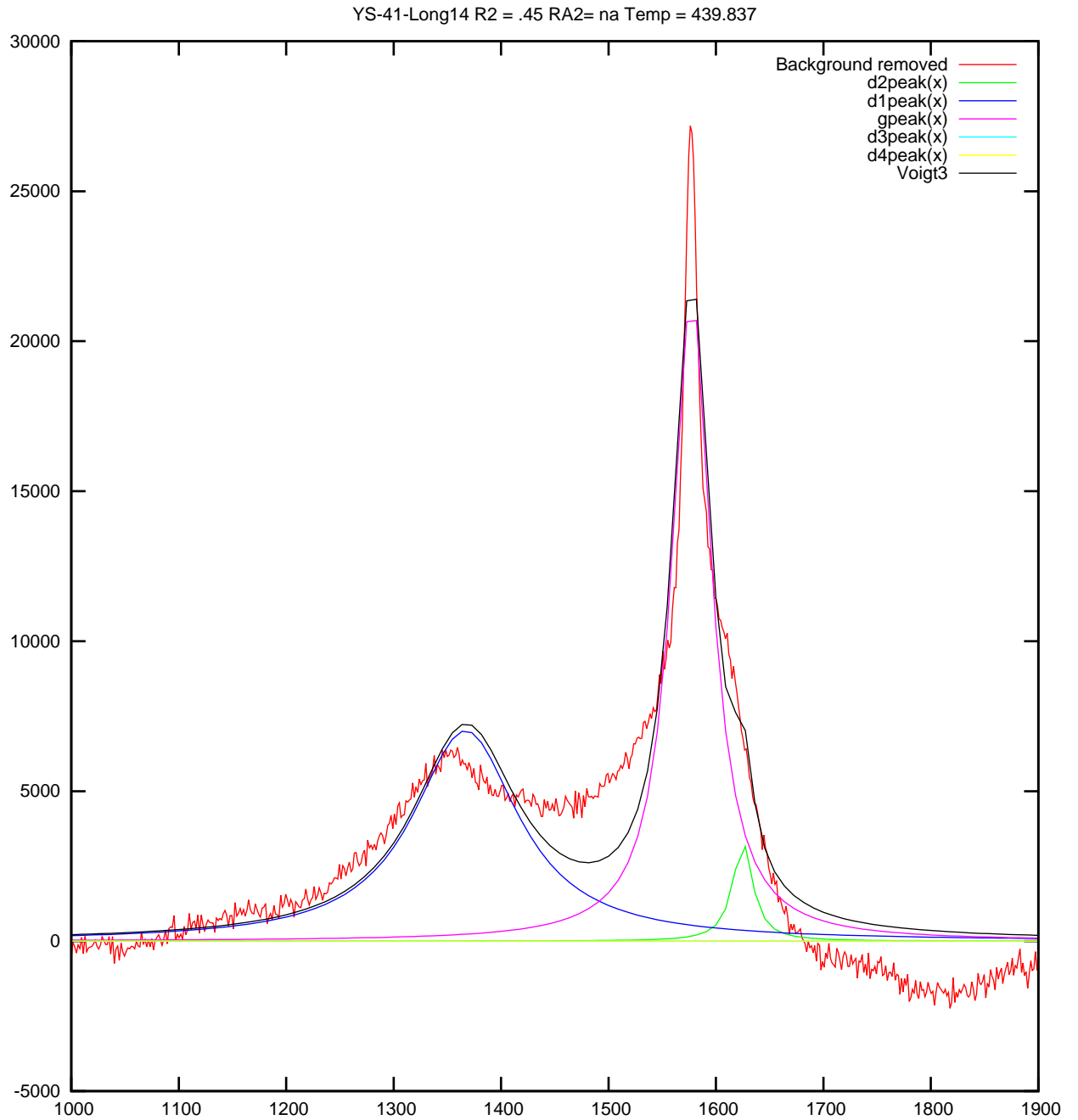
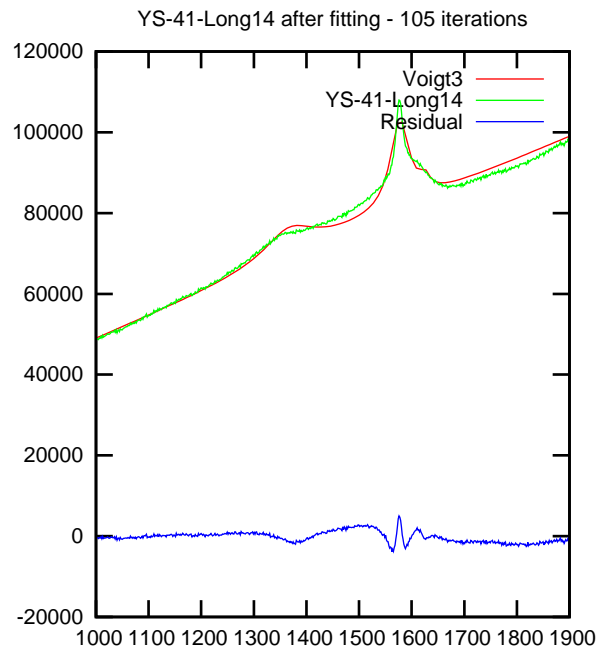
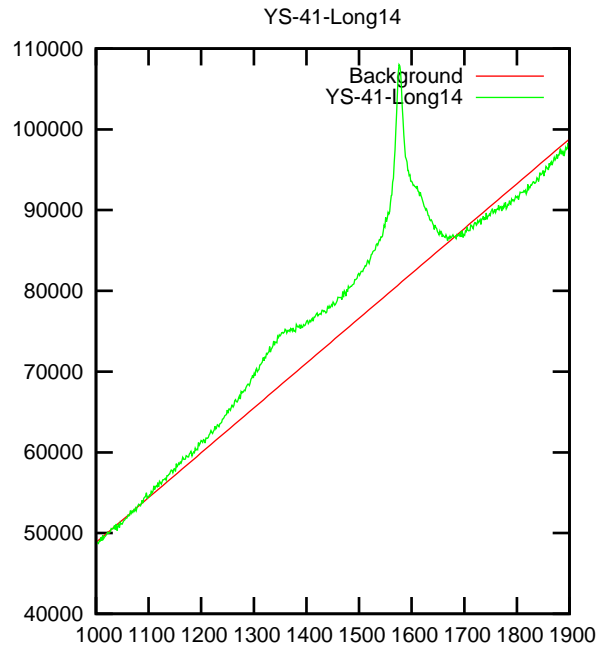


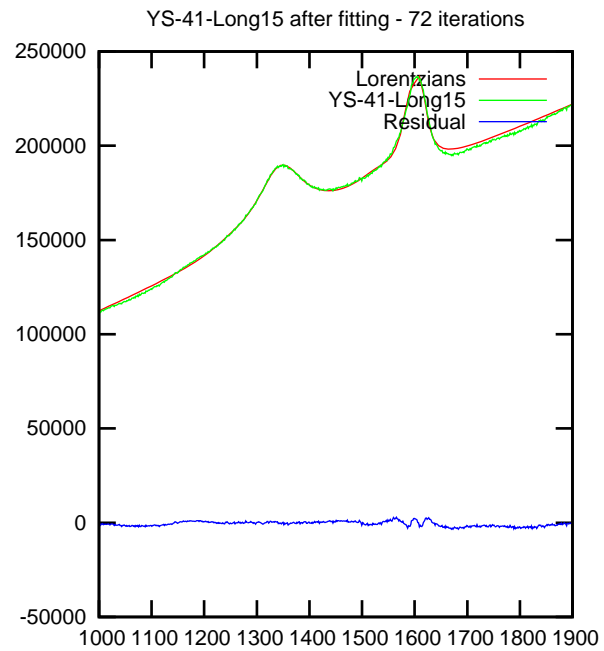
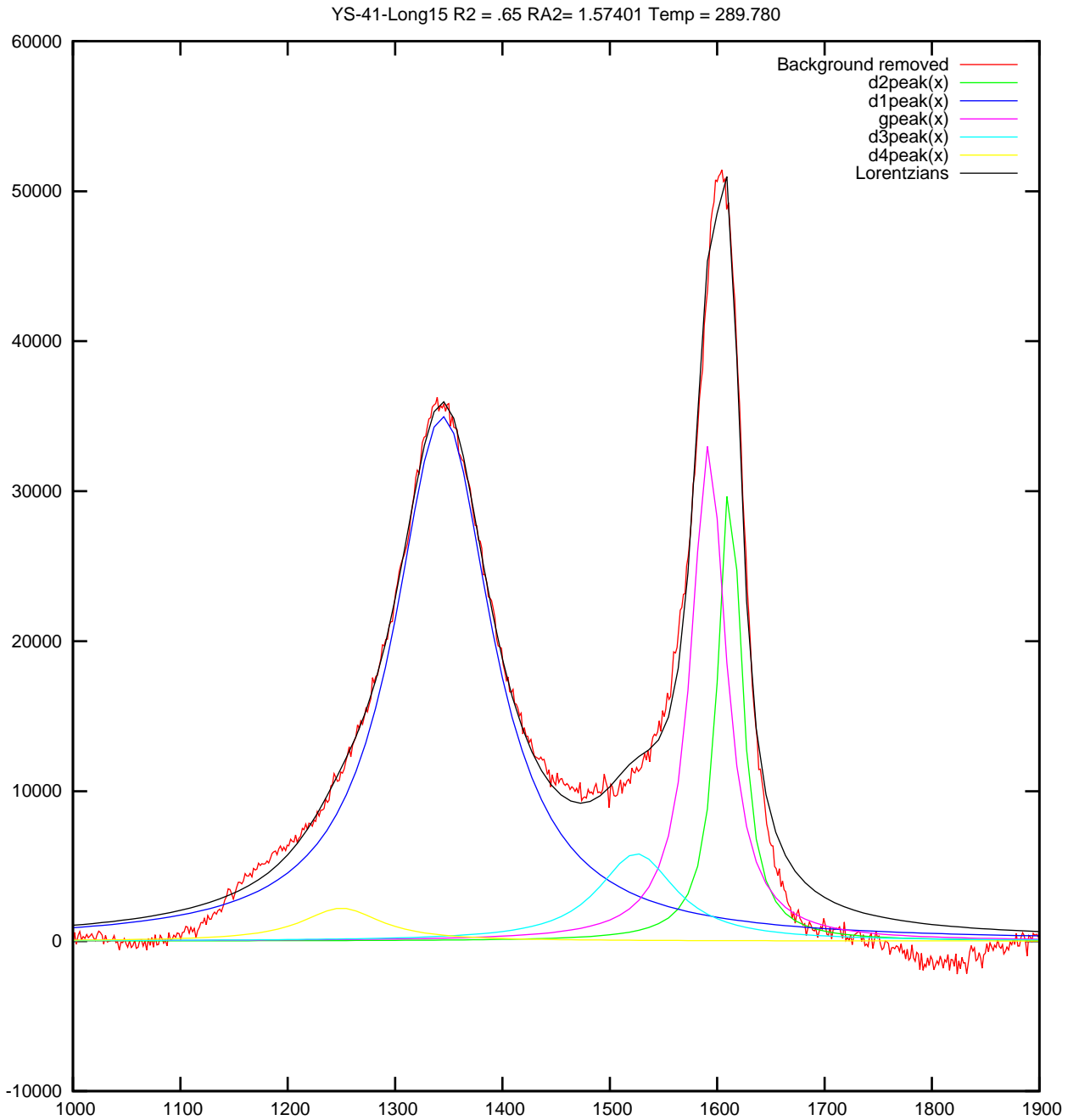
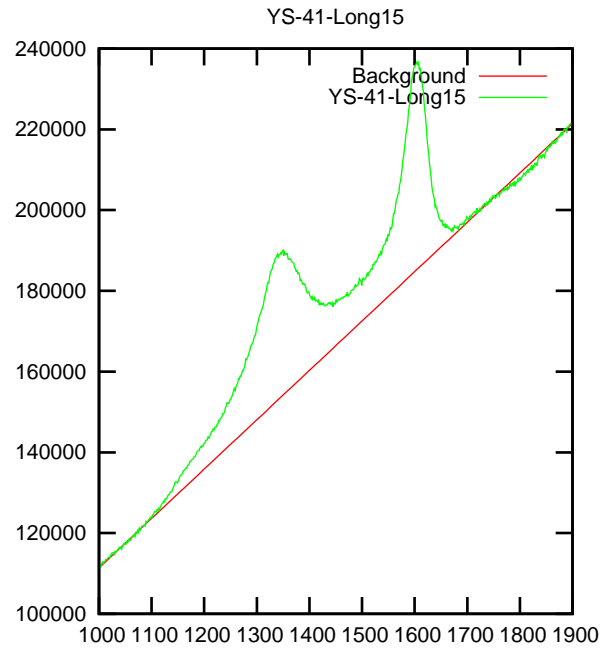
YS-41-Long11 R2 = .41 RA2= na Temp = 454.393

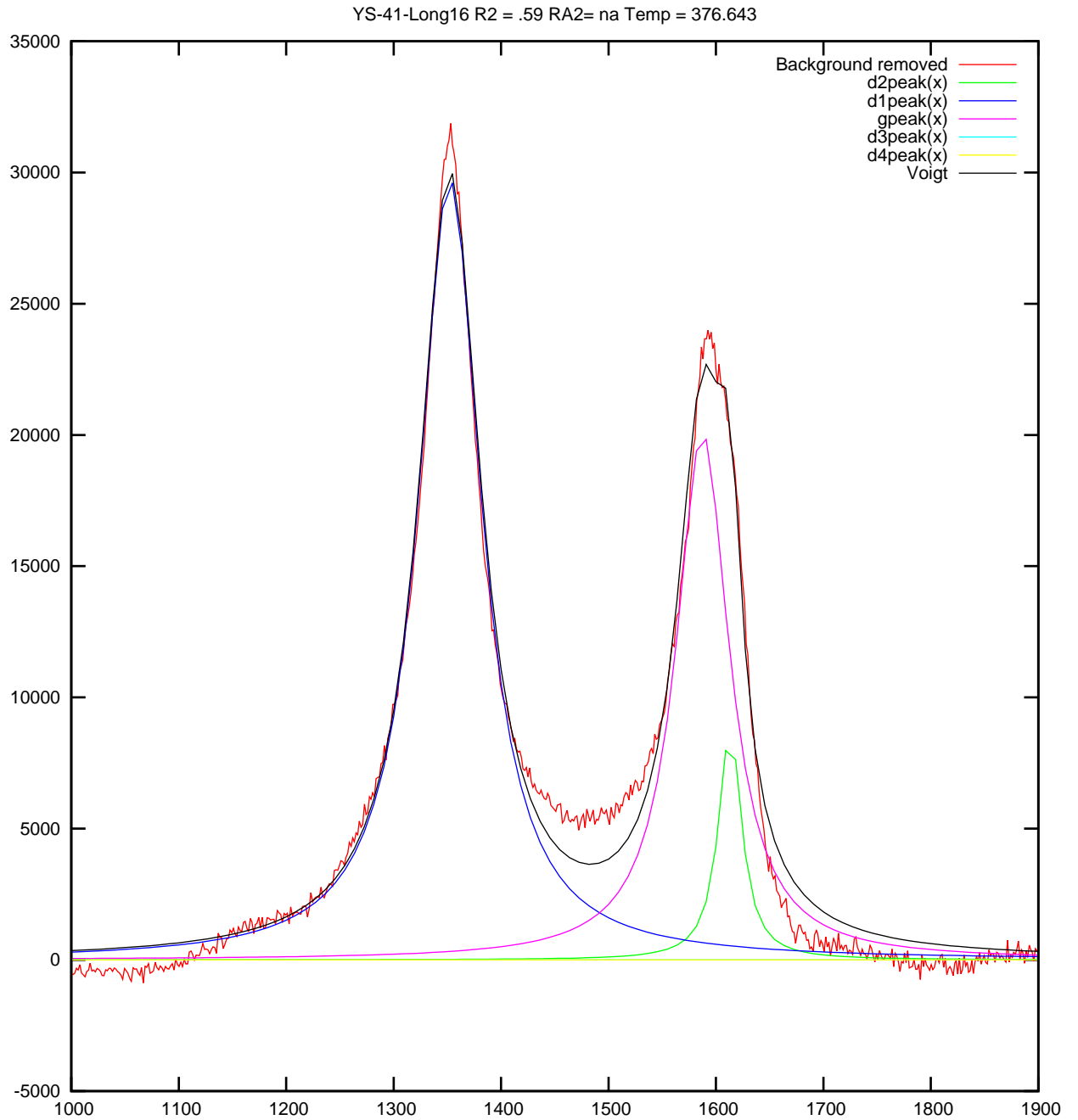
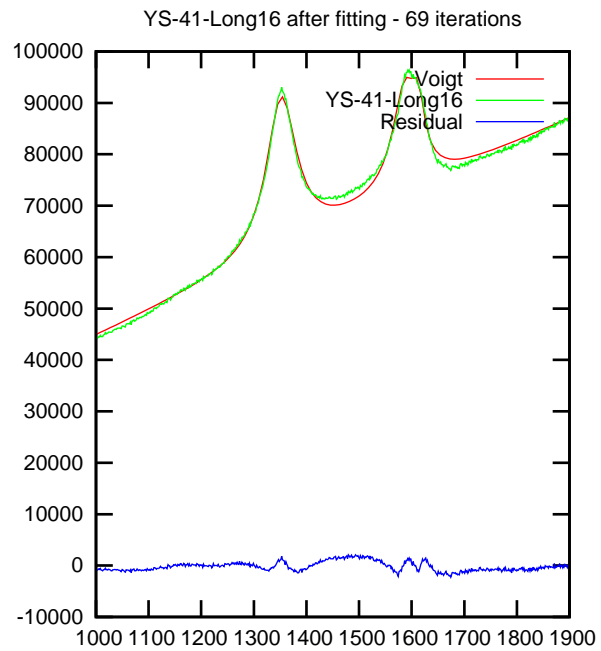
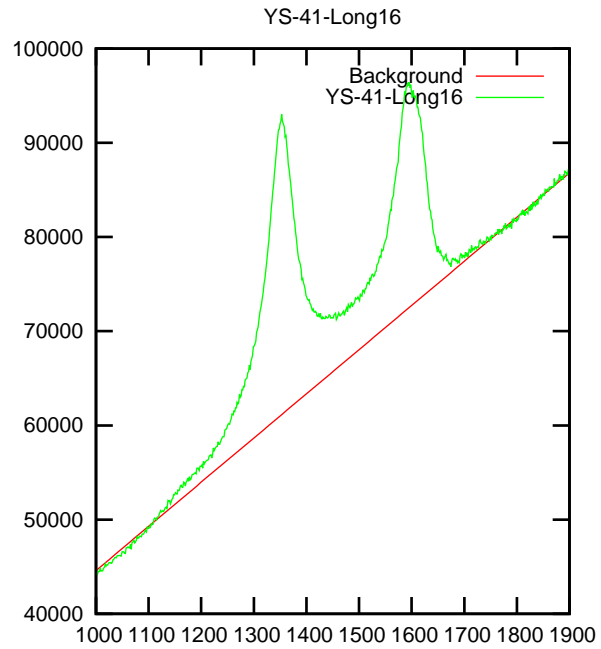


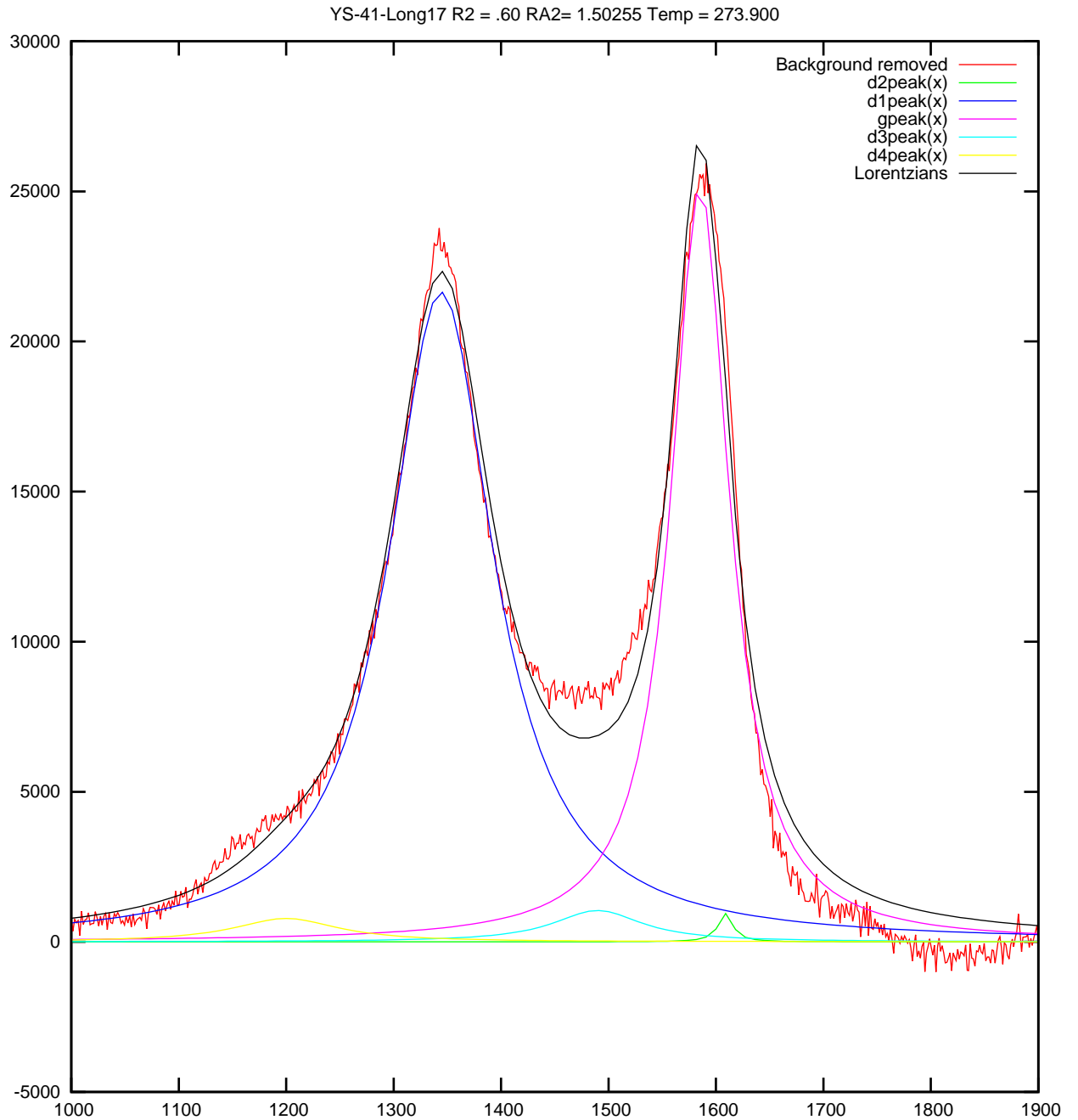
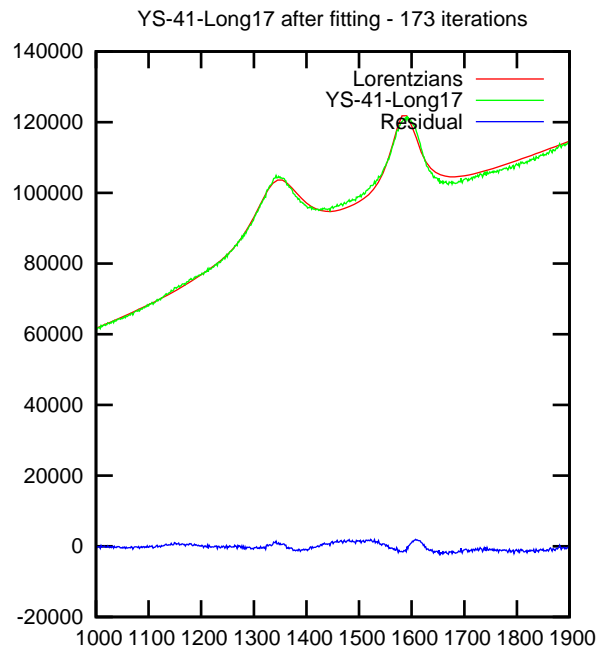
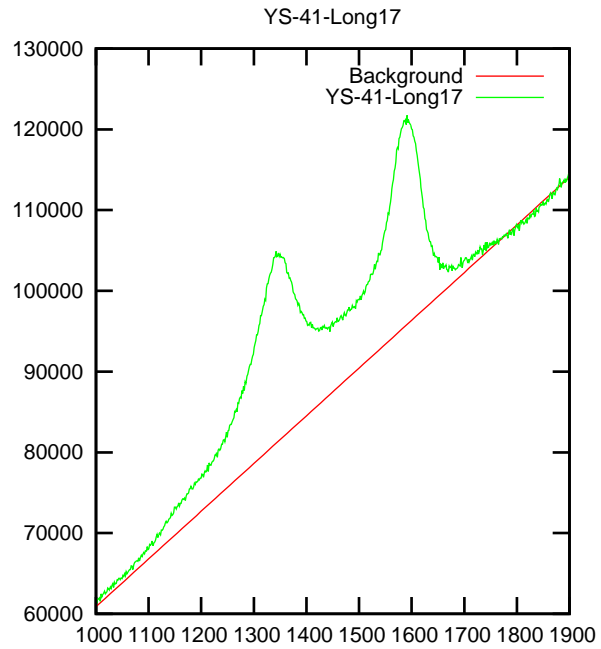


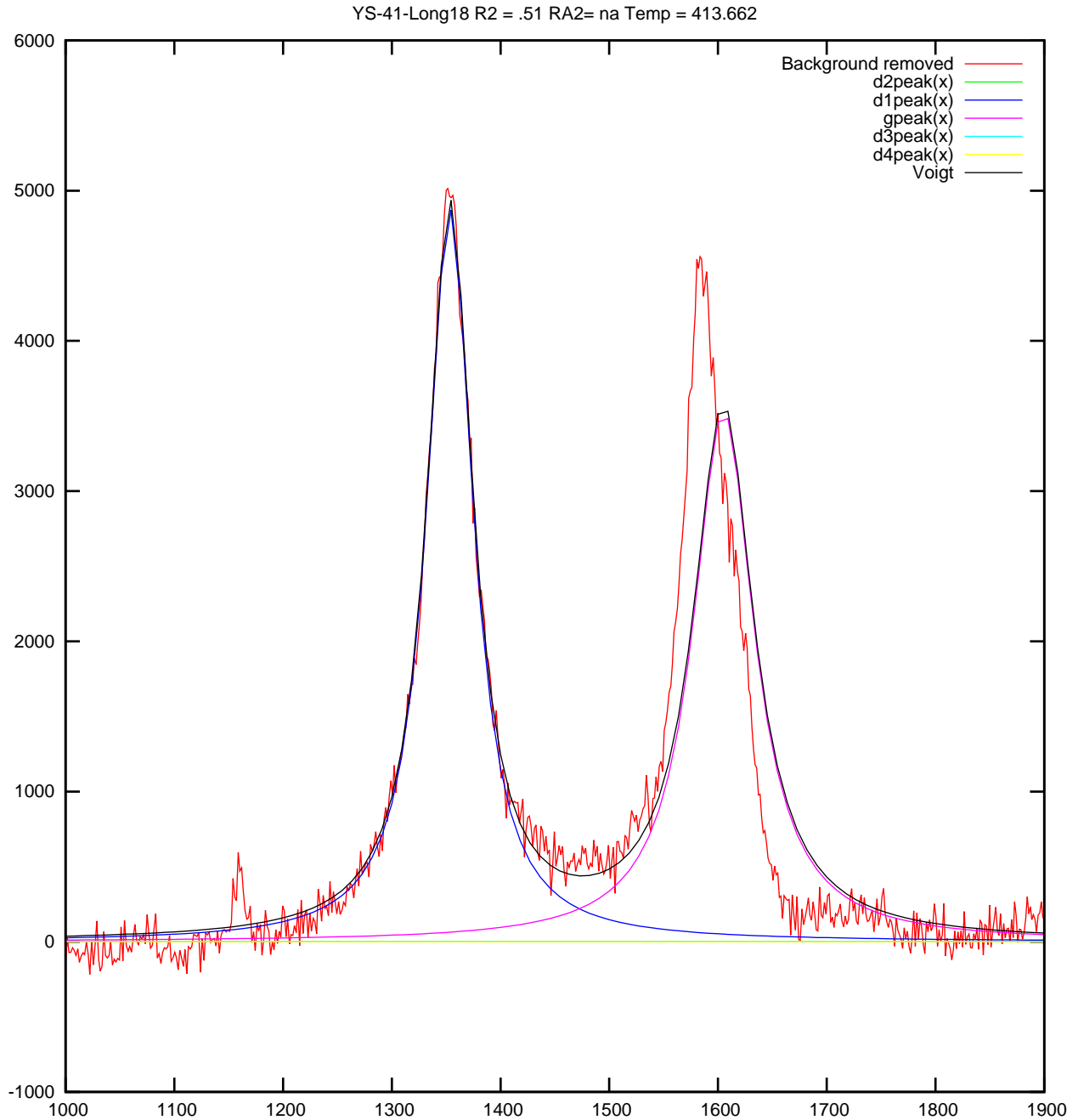
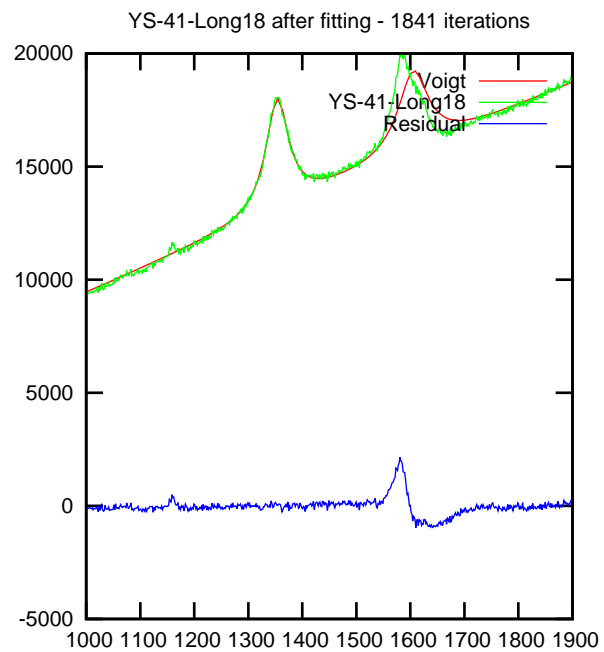
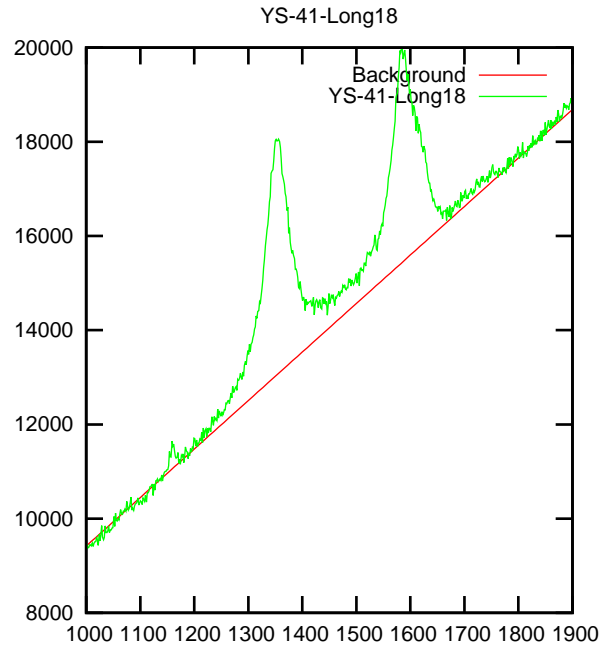


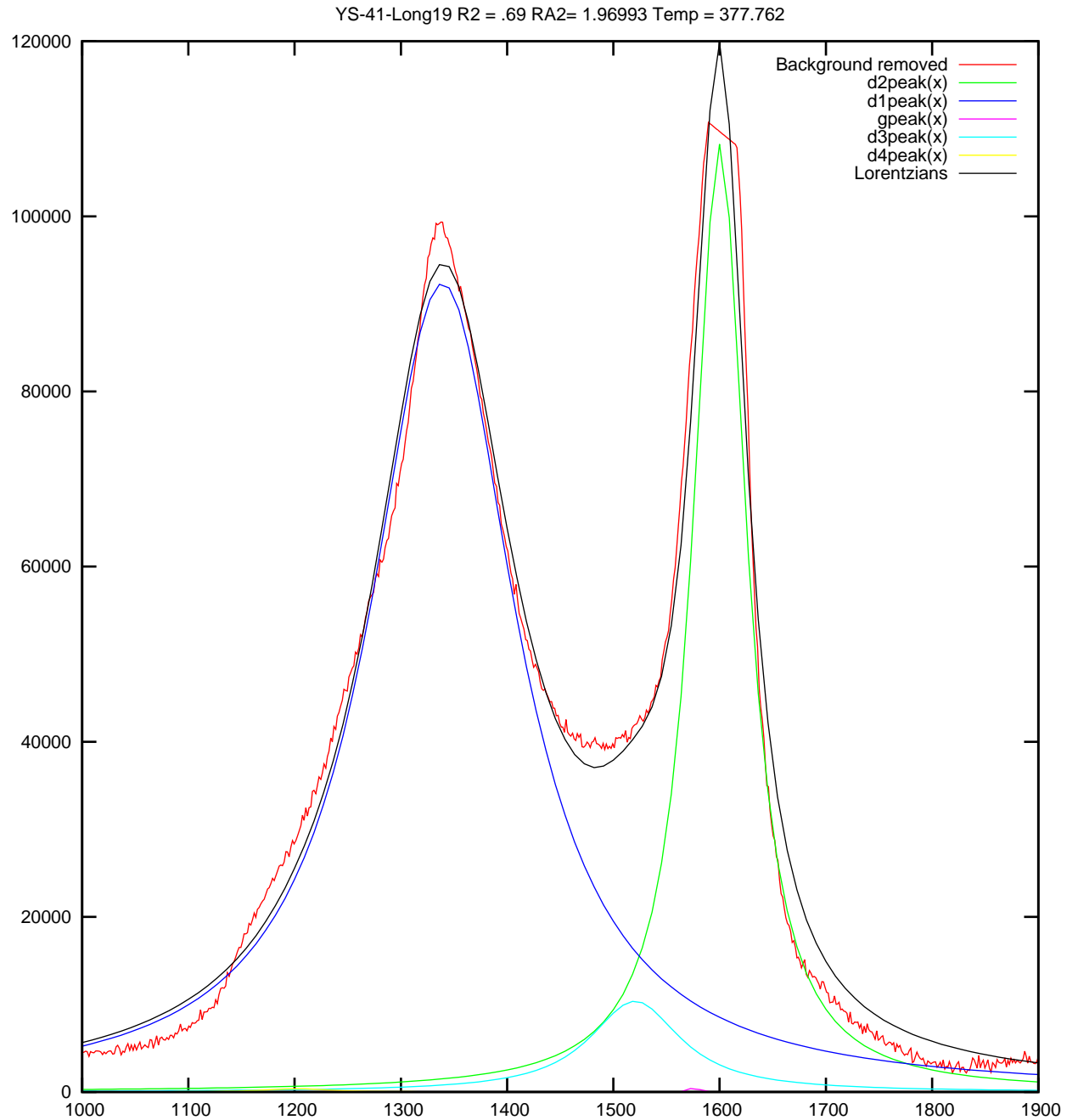
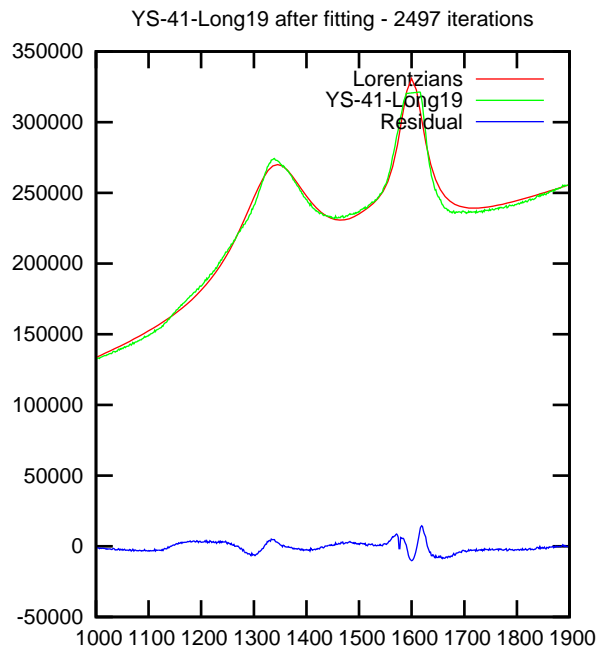
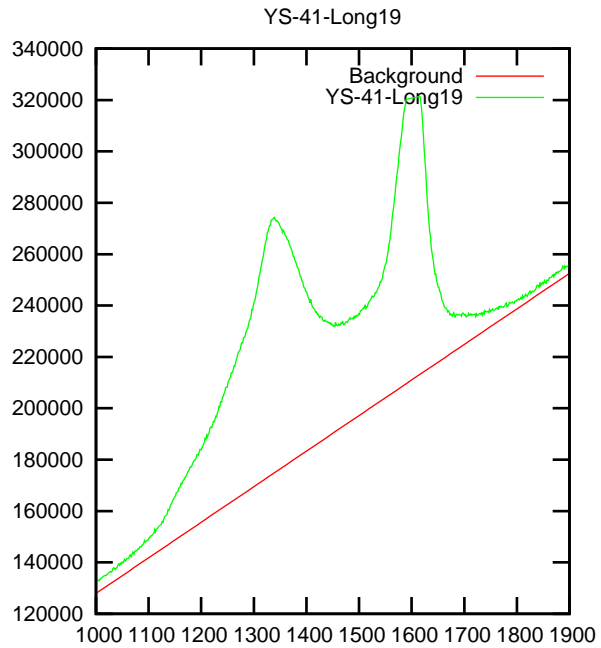


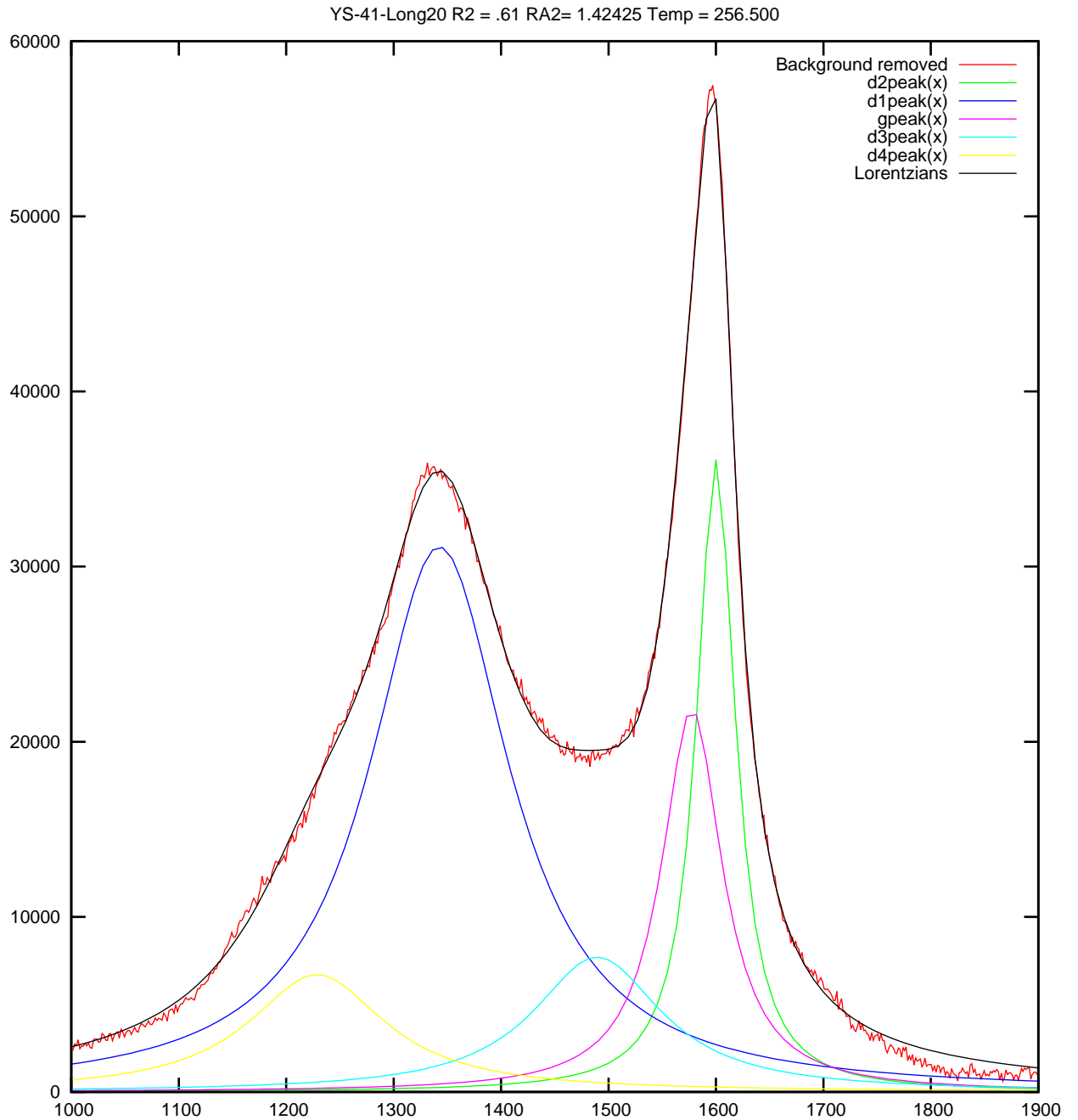
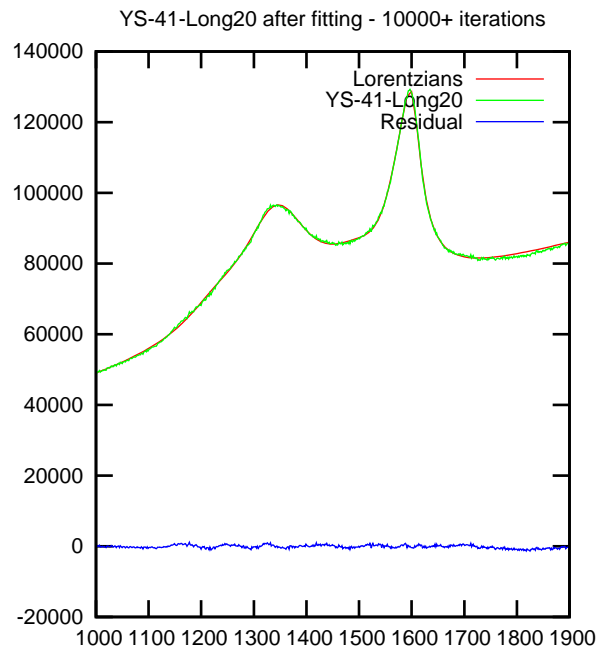
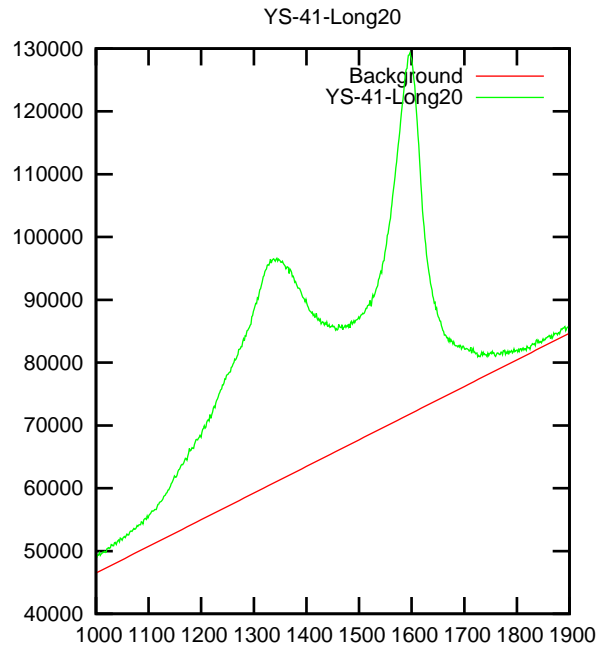


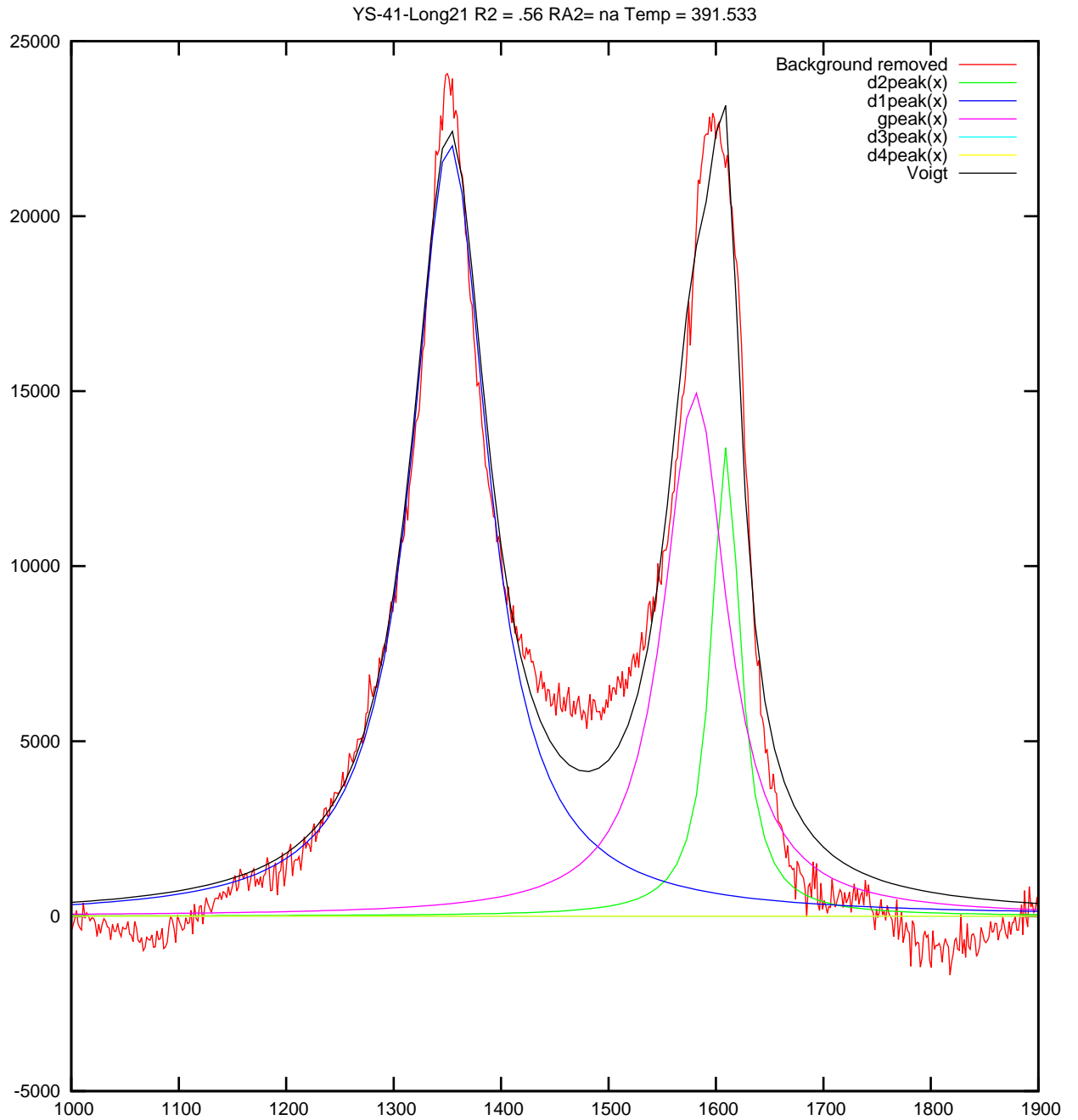
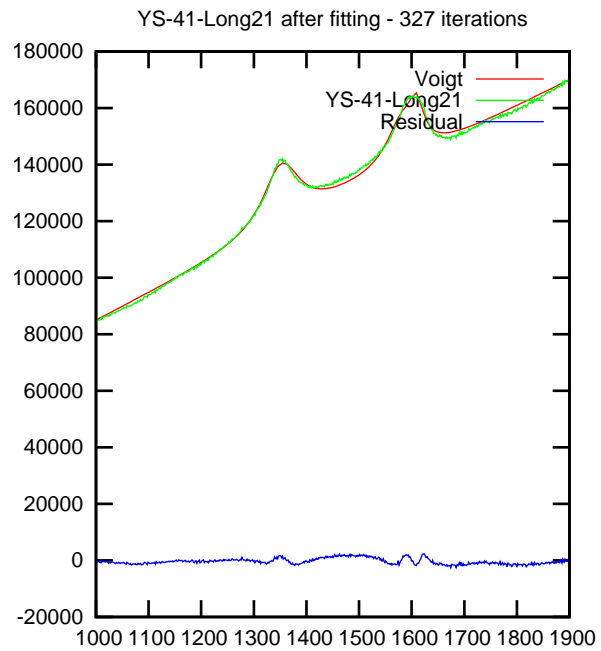
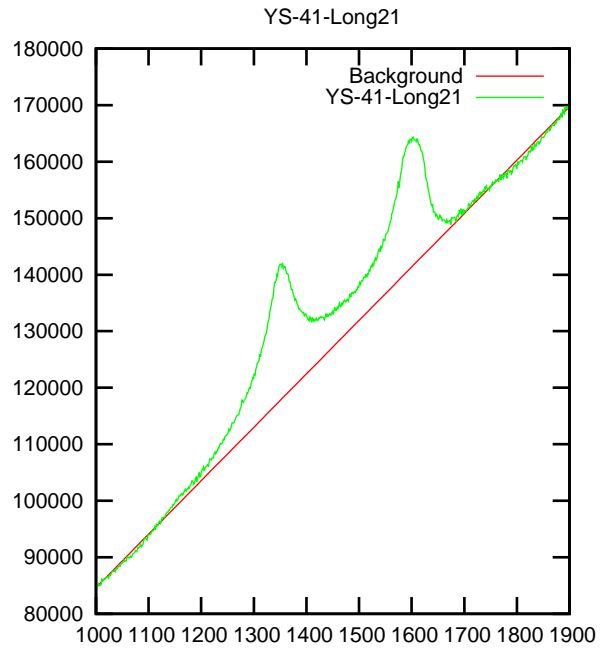


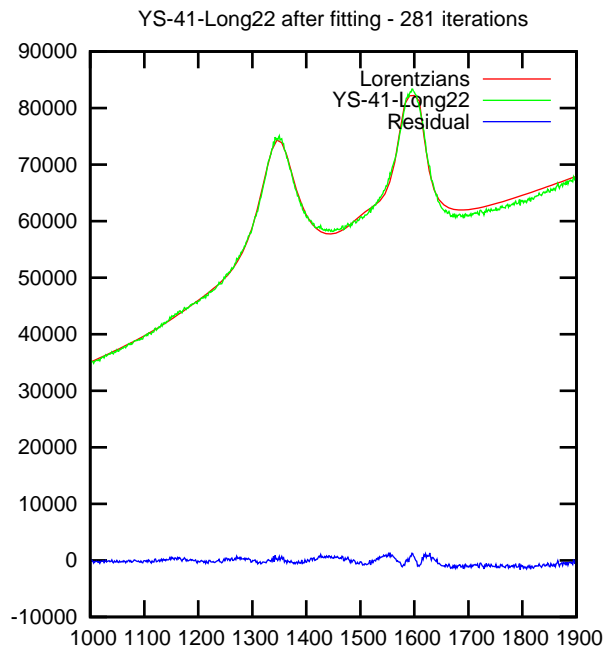
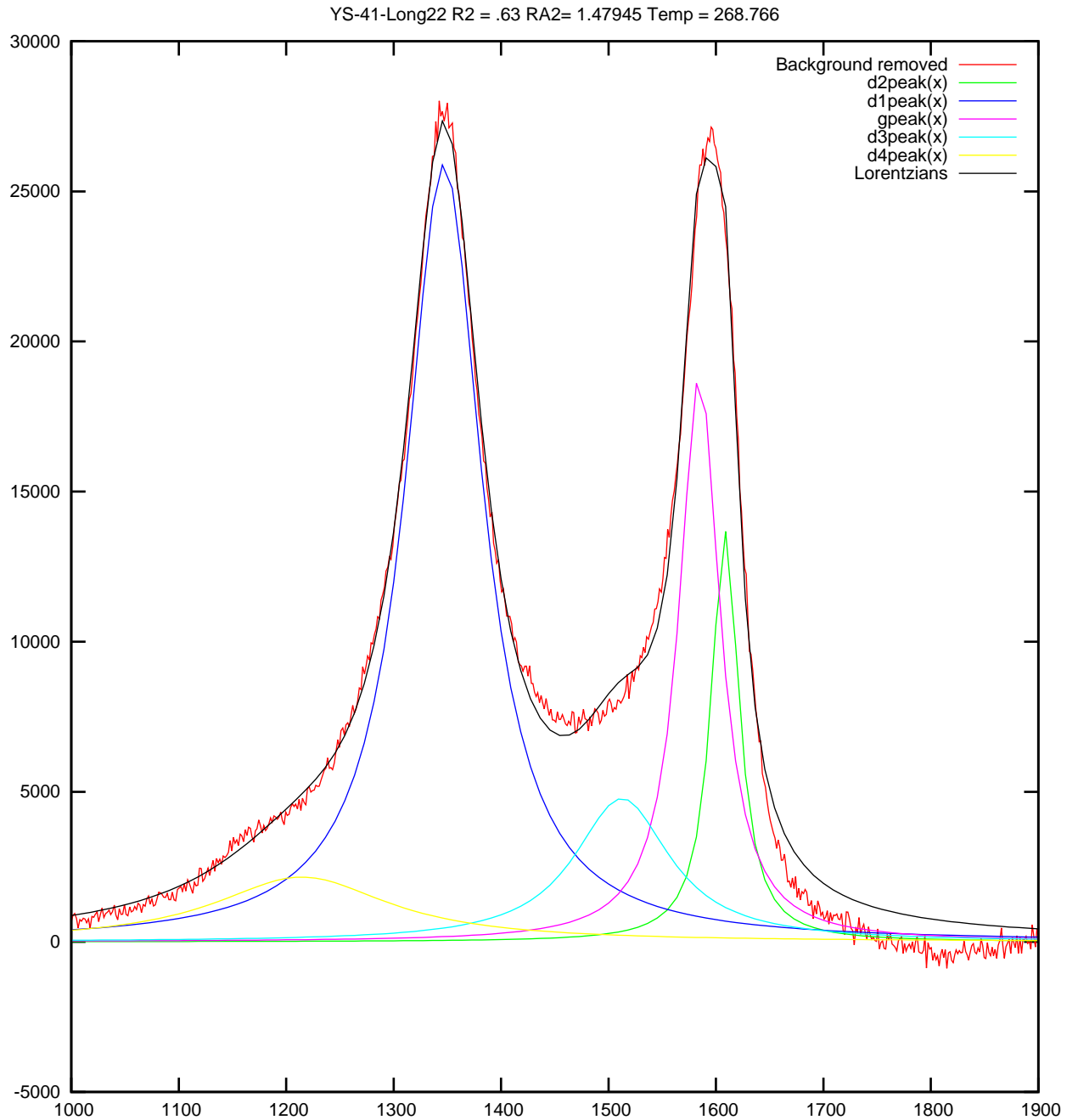
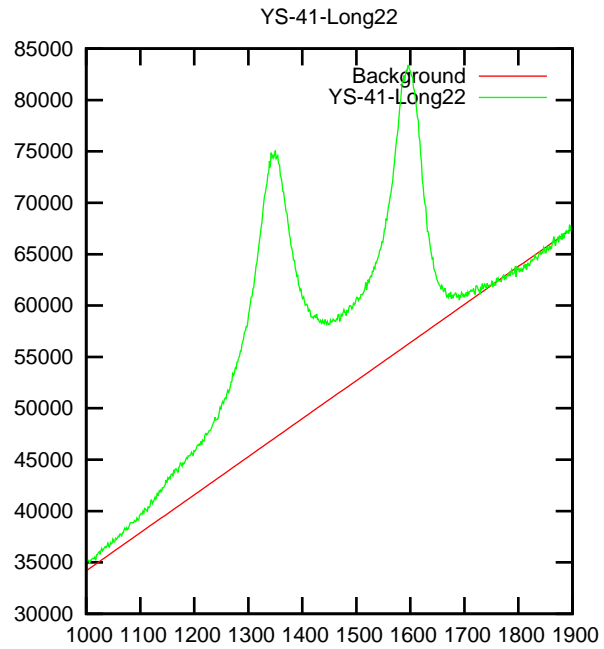


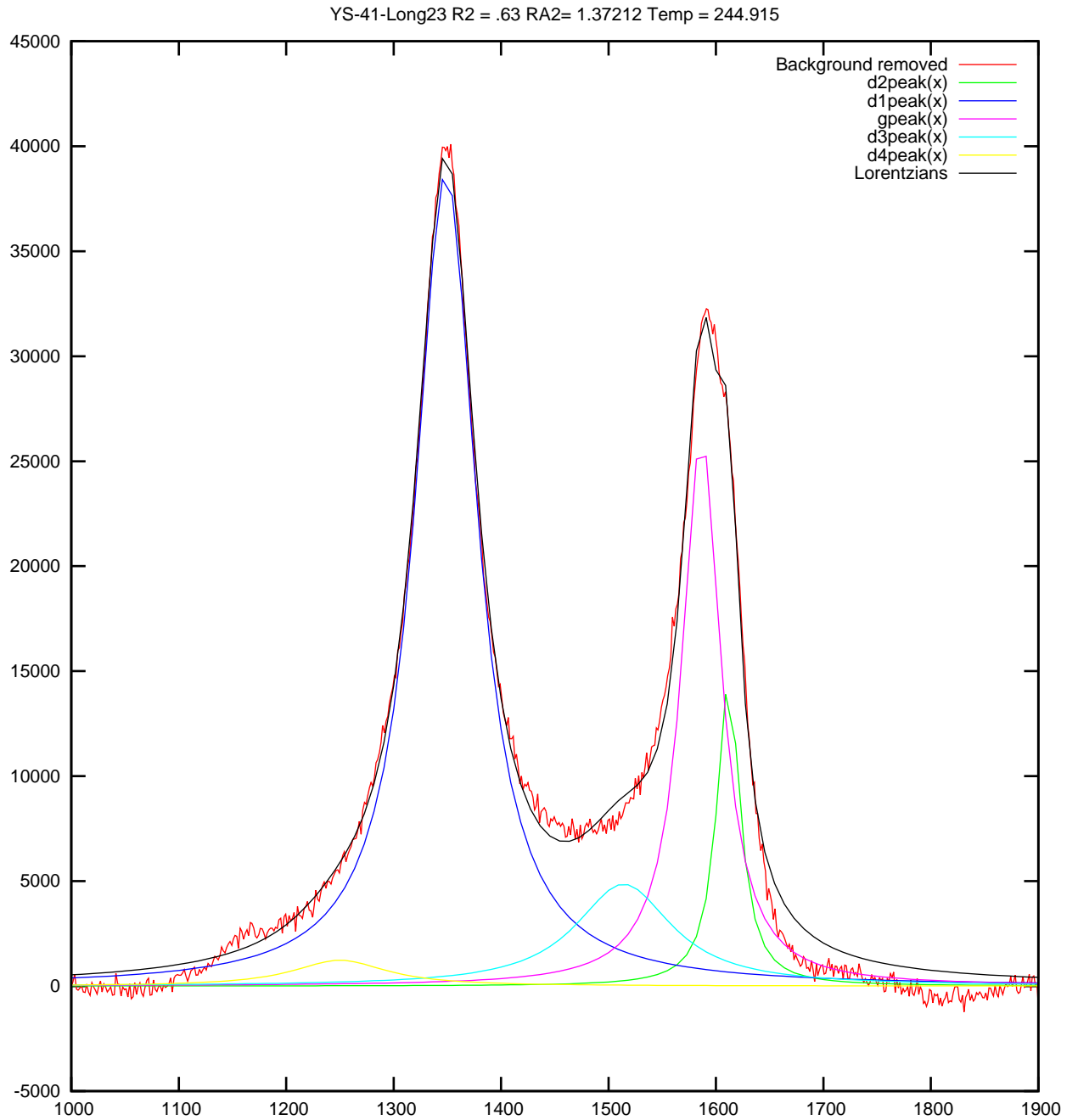
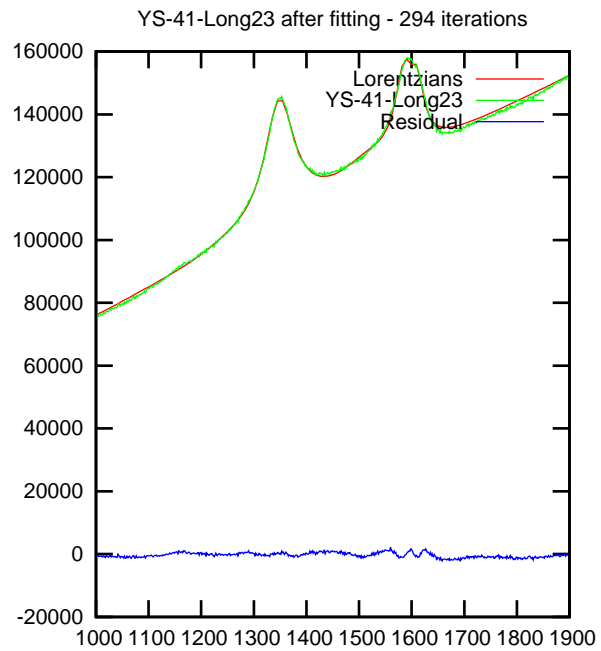
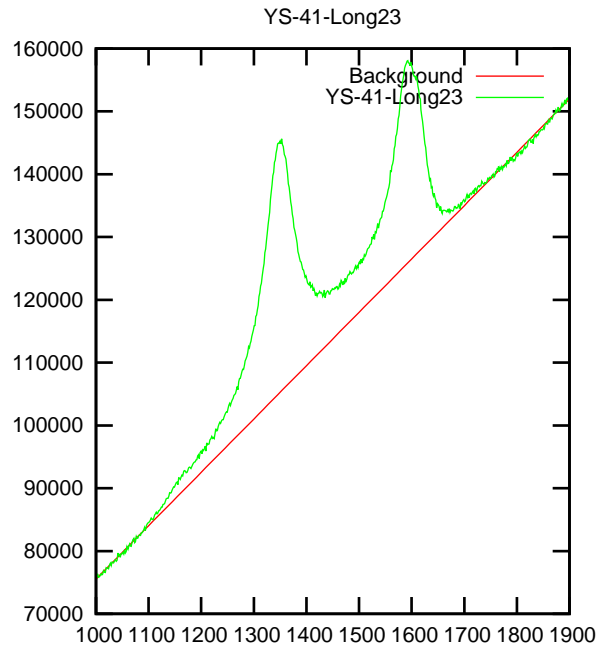




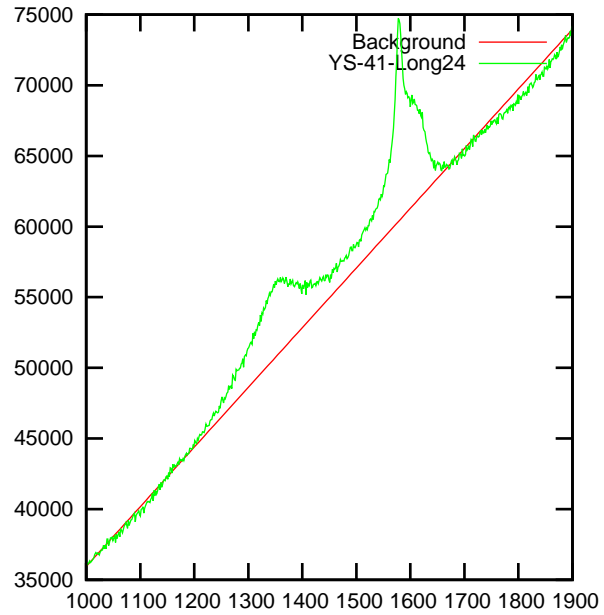




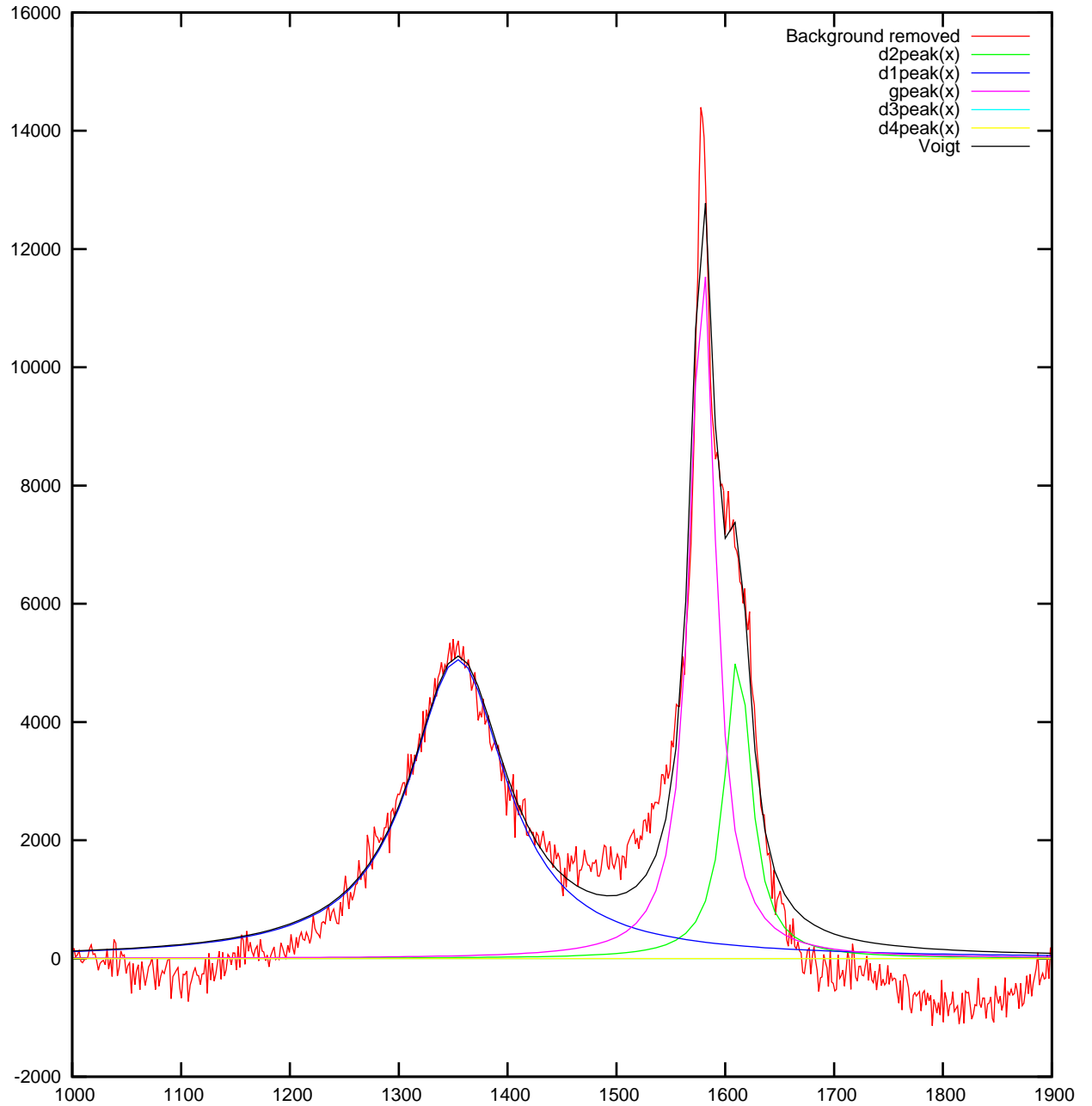




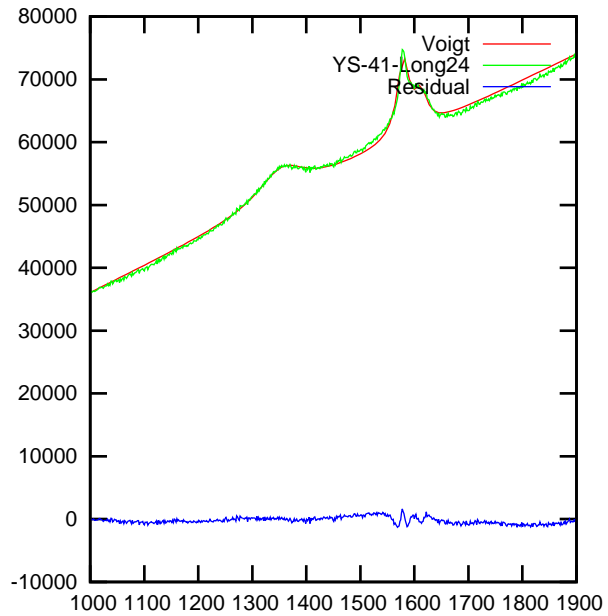
YS-41-Long24

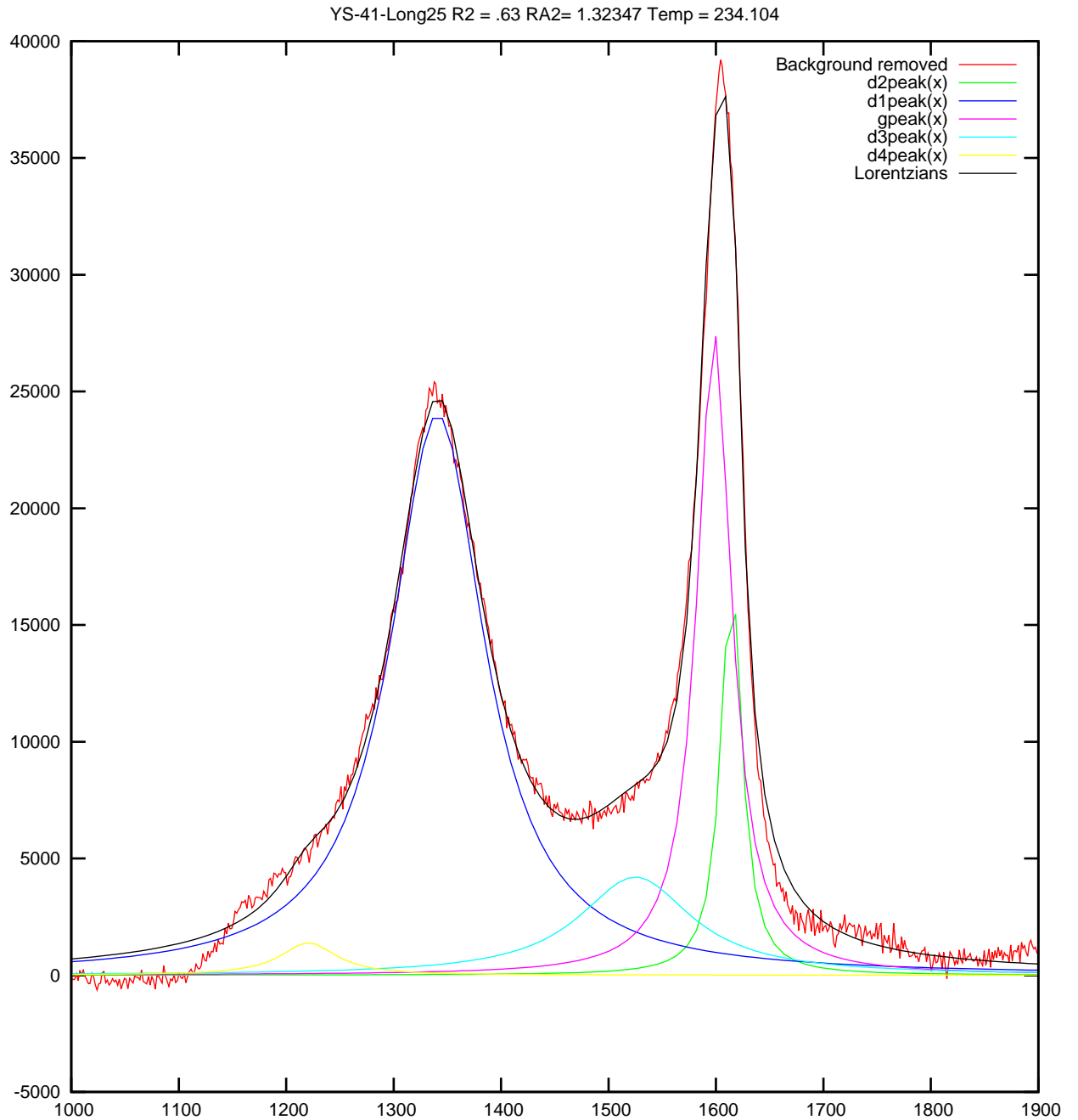
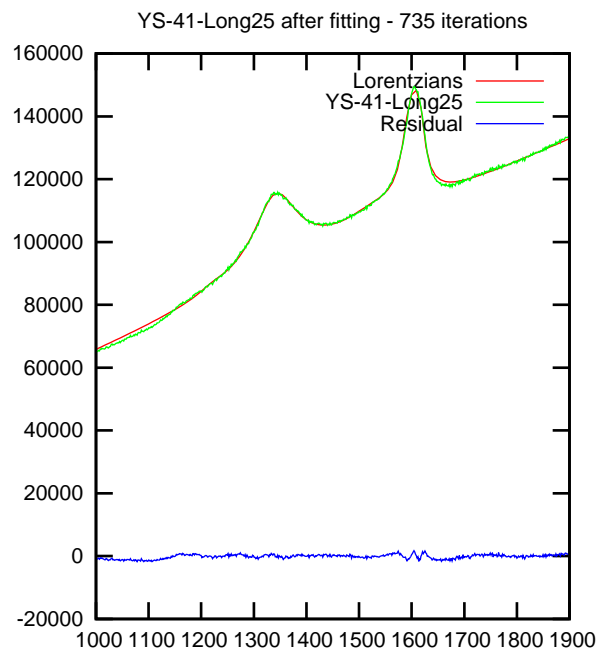
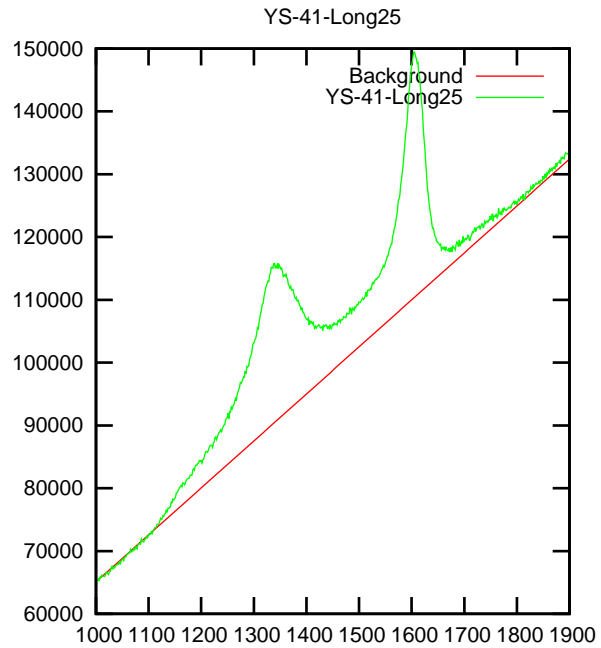


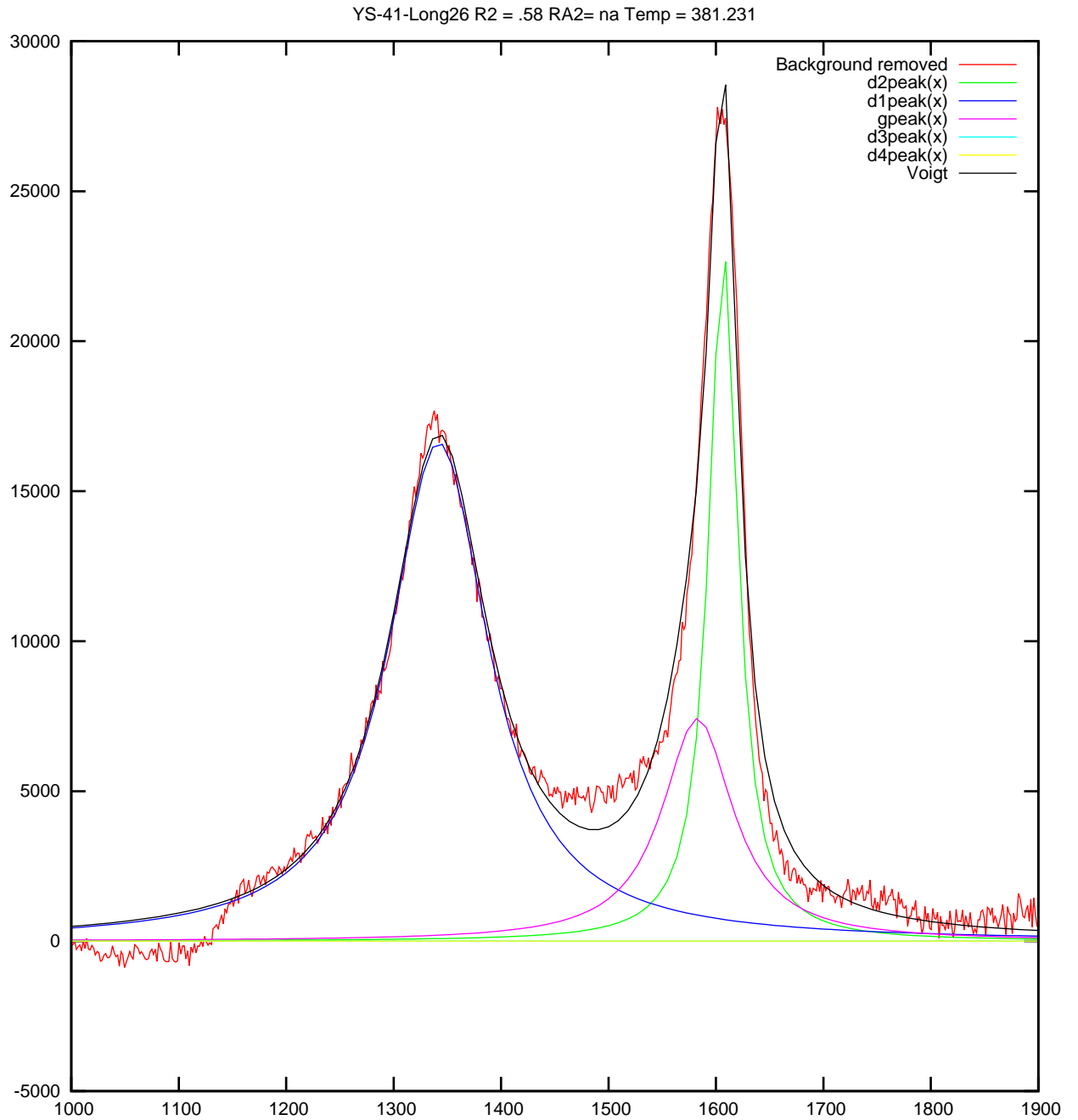
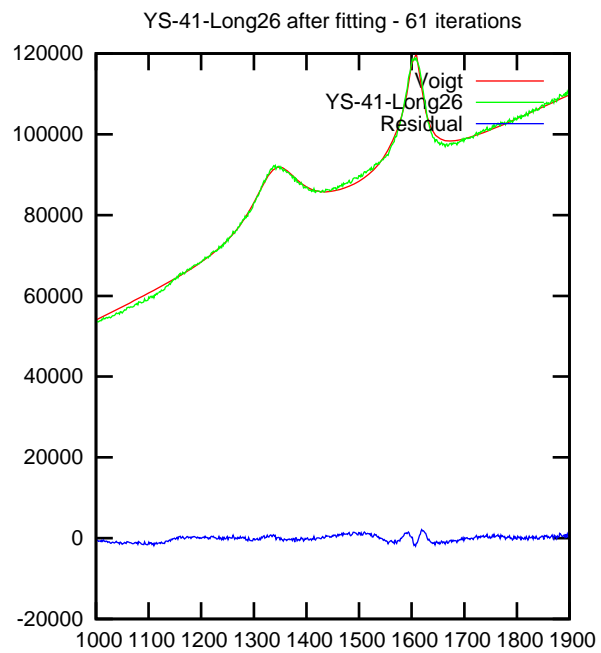
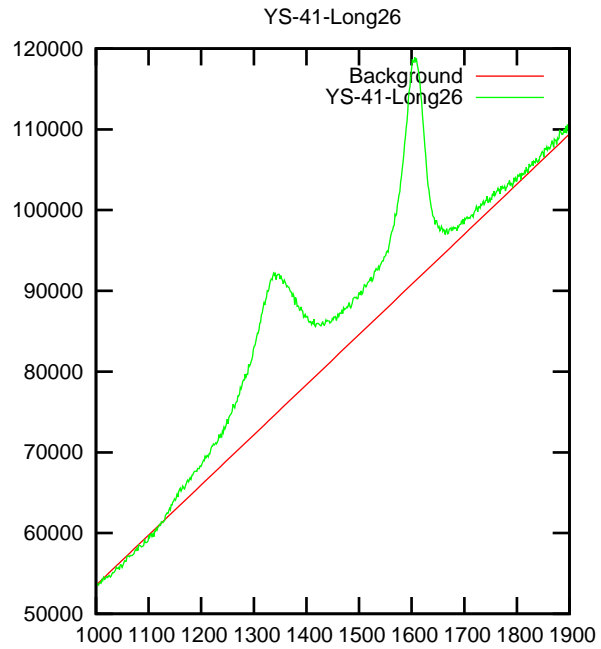
YS-41-Long24 R2 = .53 RA2= na Temp = 403.592

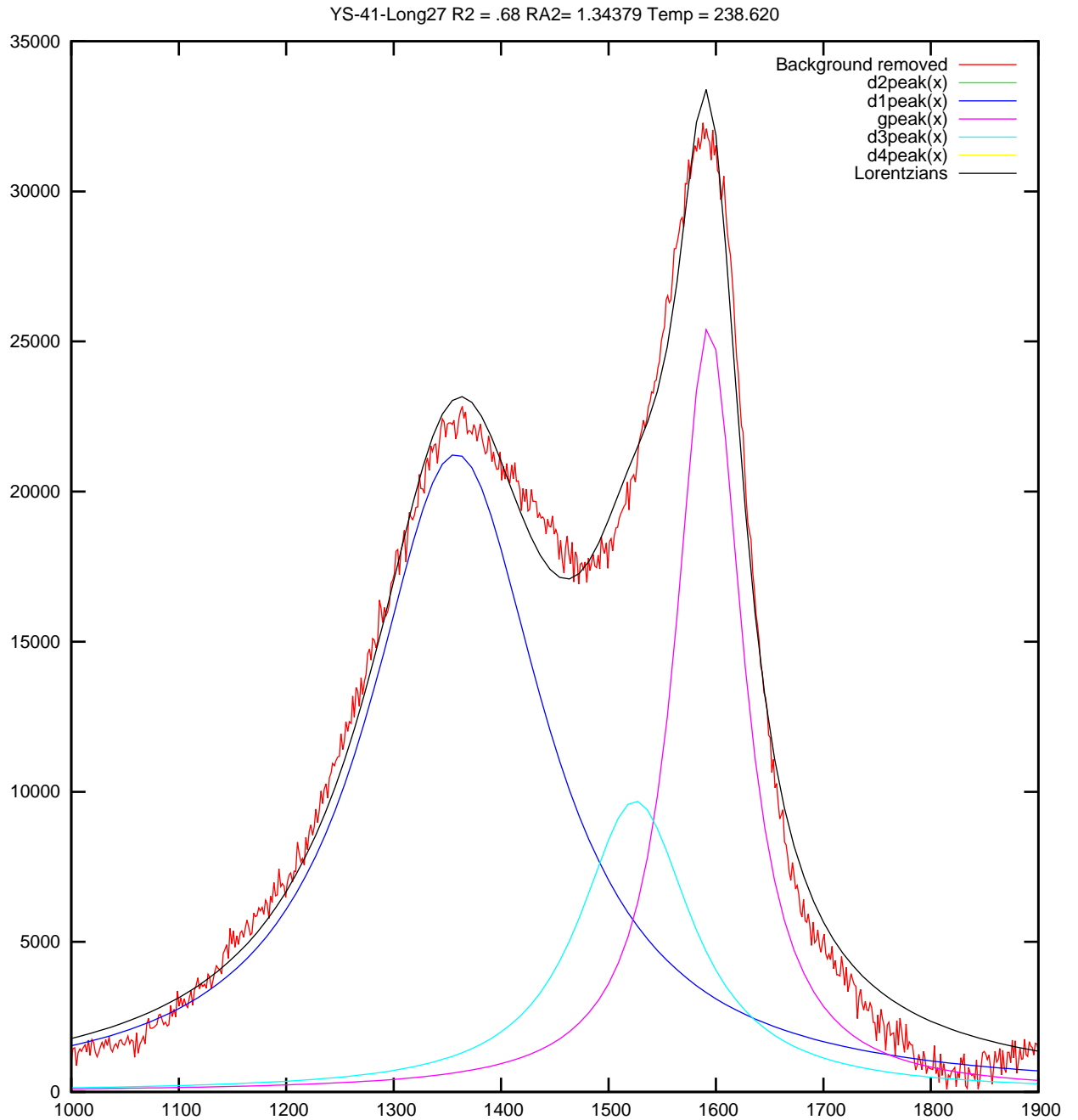
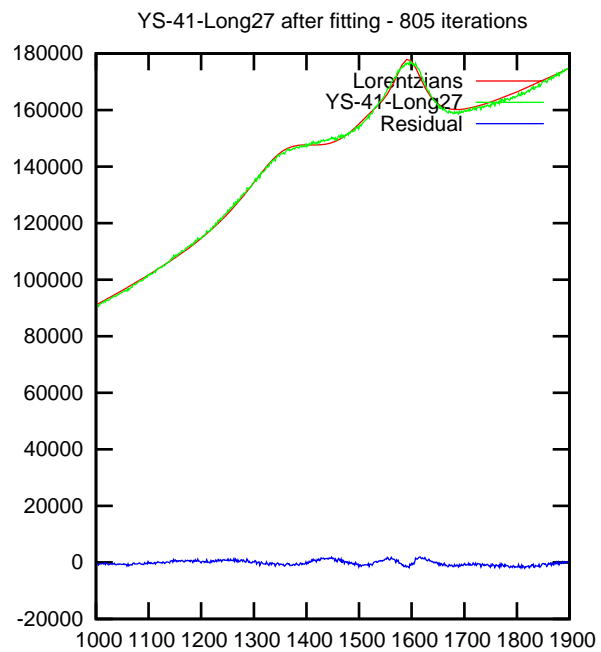
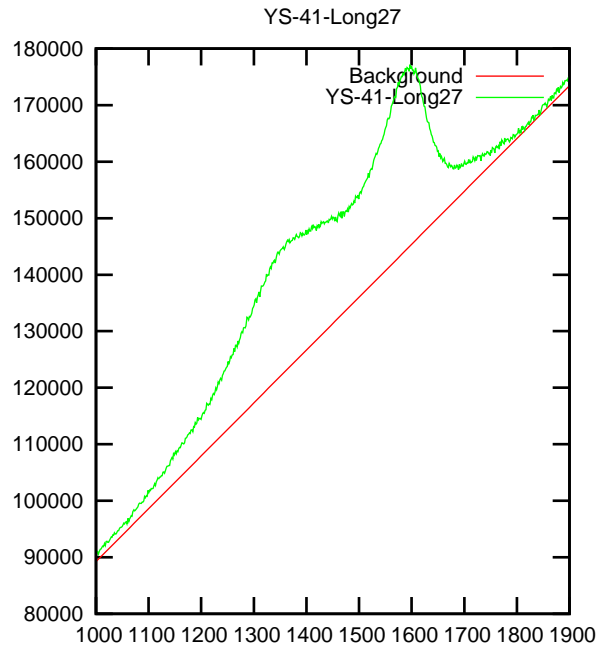


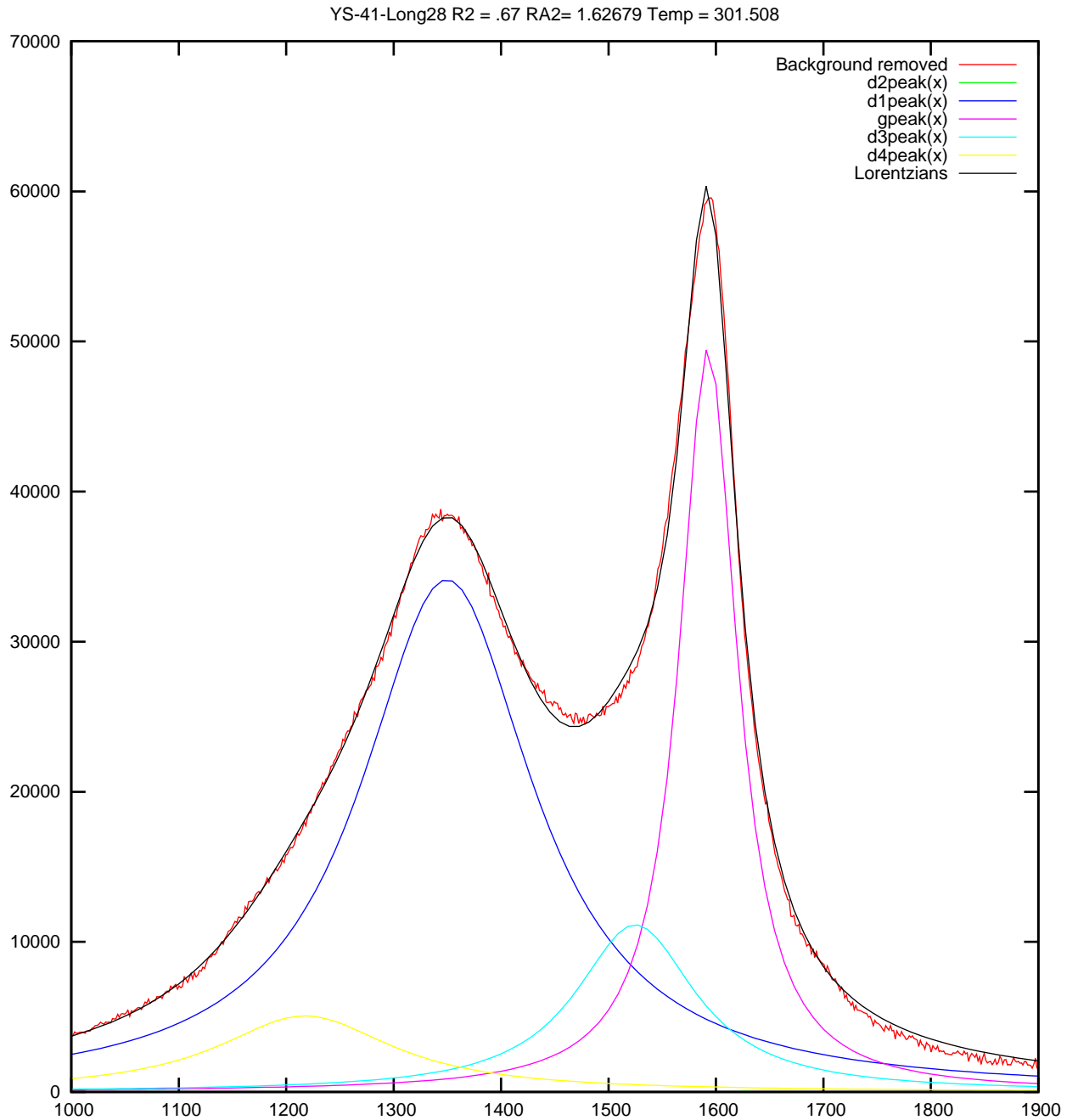
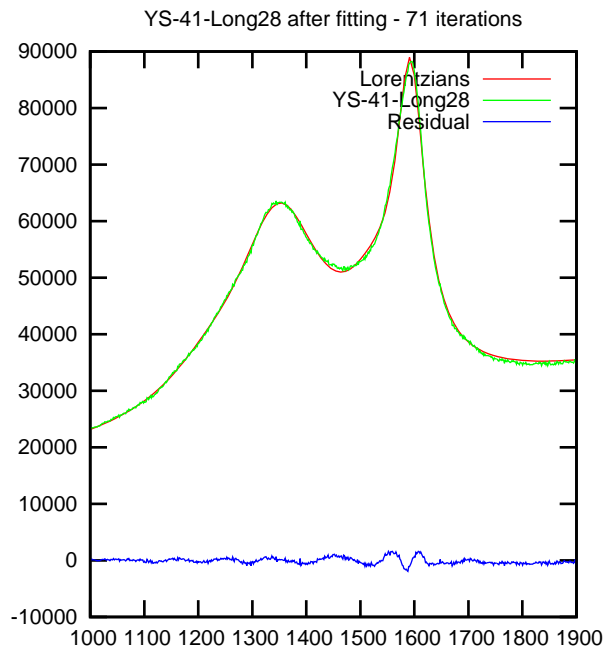
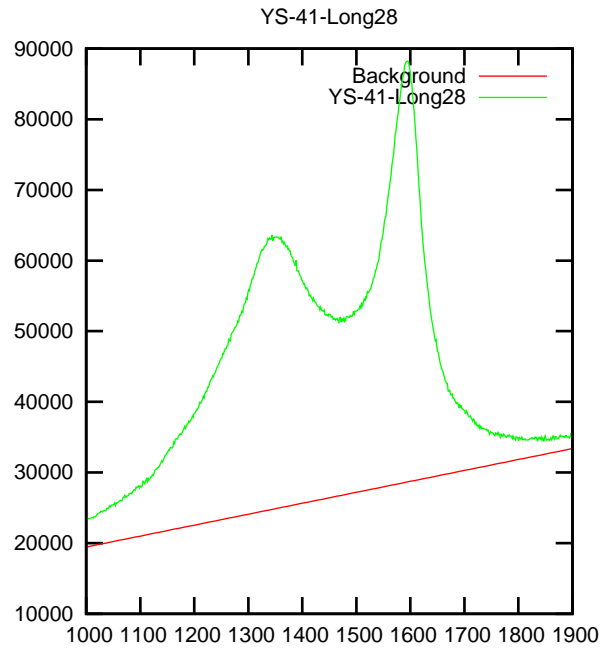
YS-41-Long24 after fitting - 364 iterations

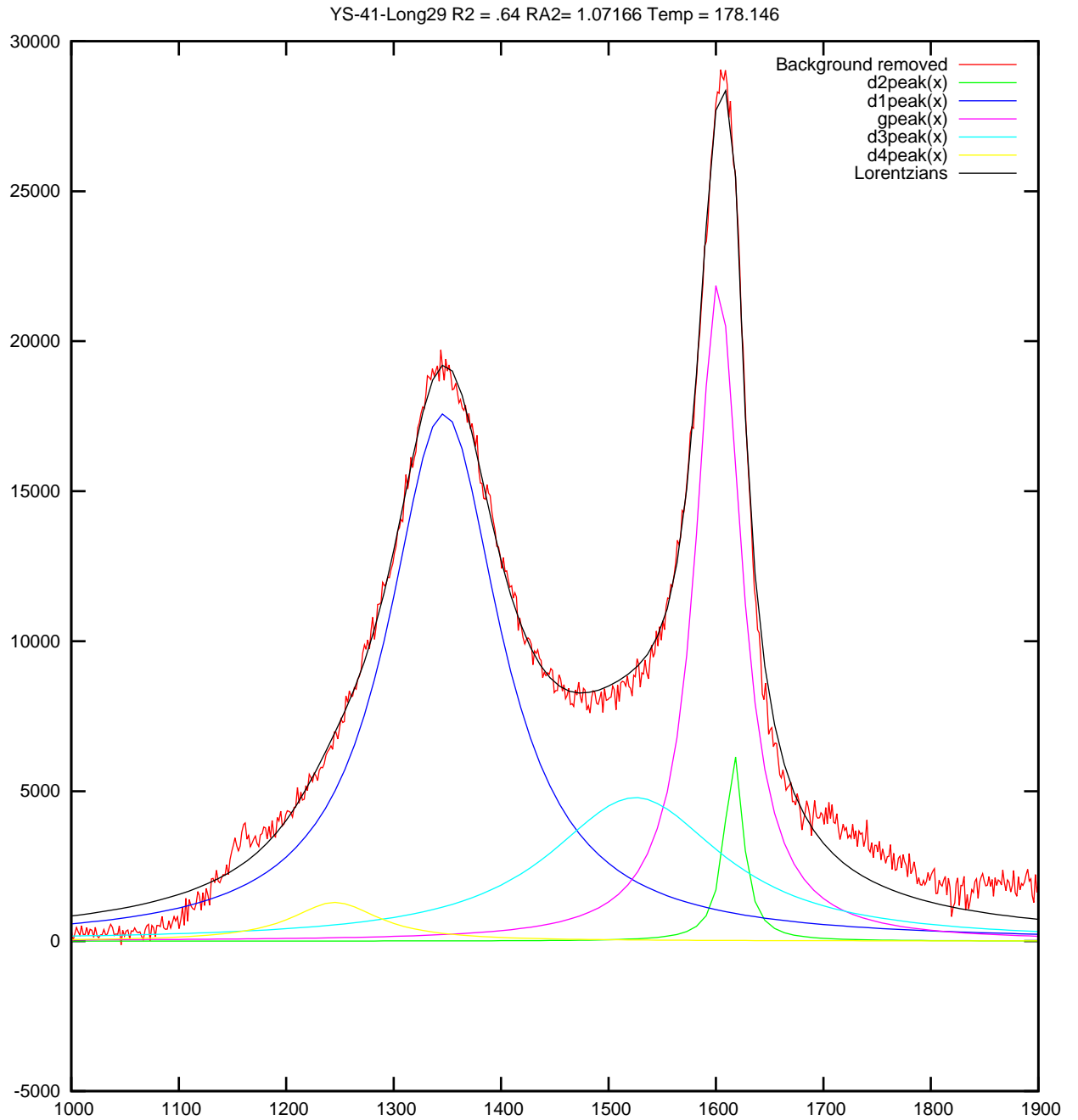
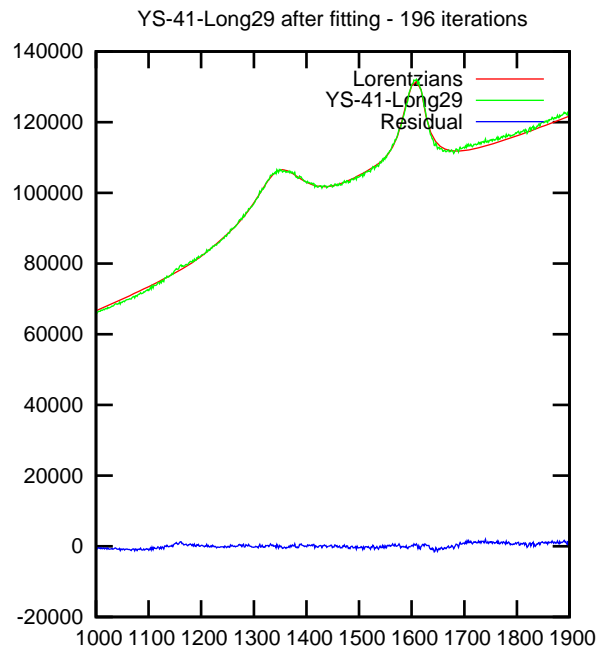
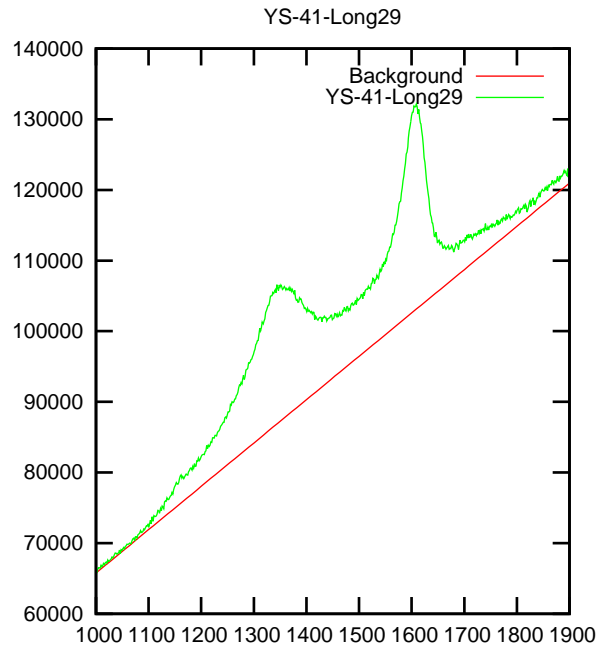


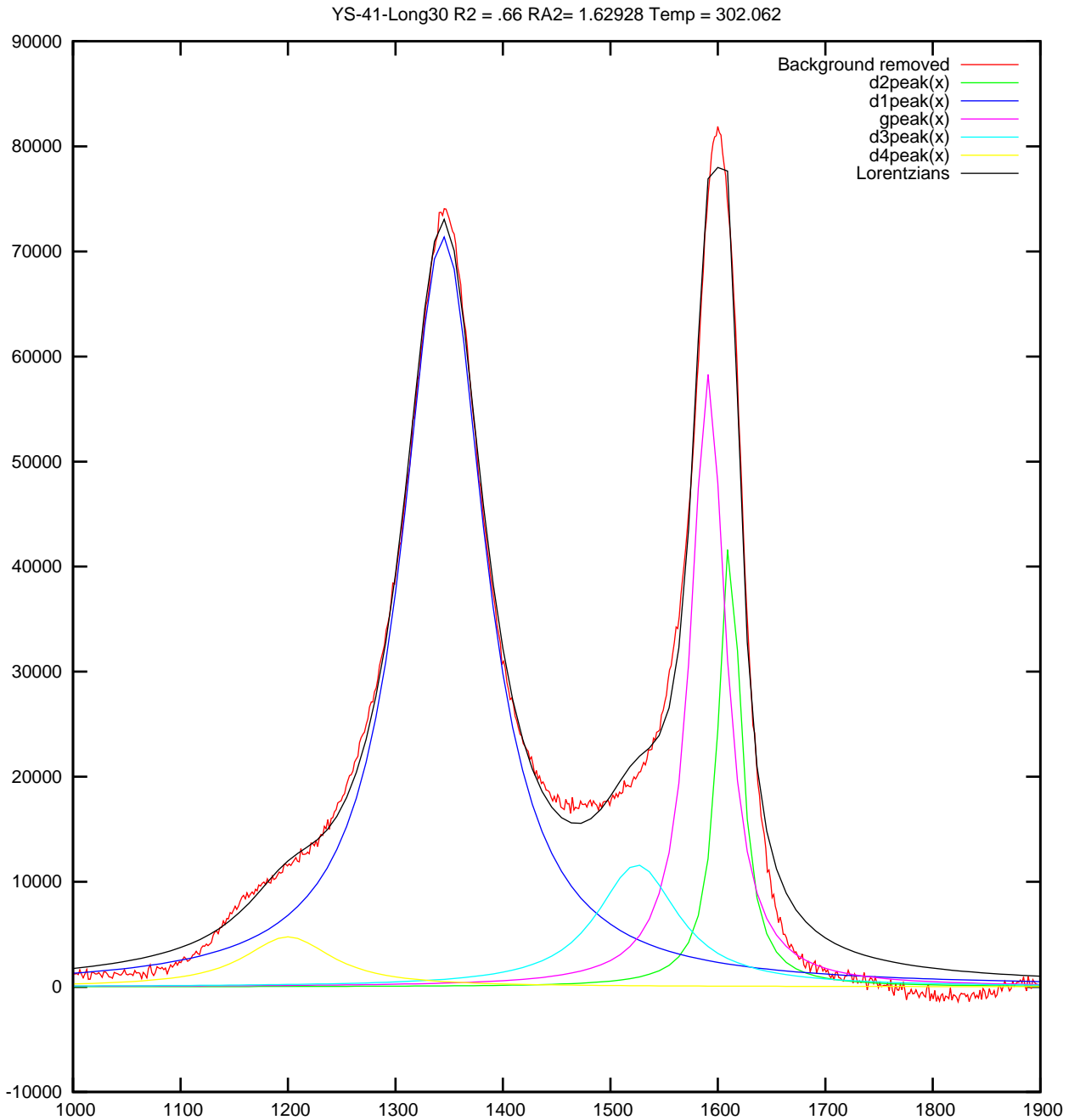
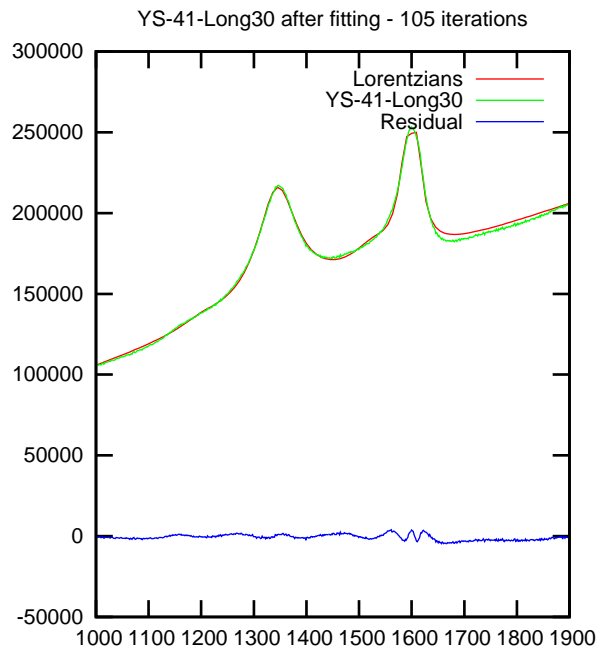
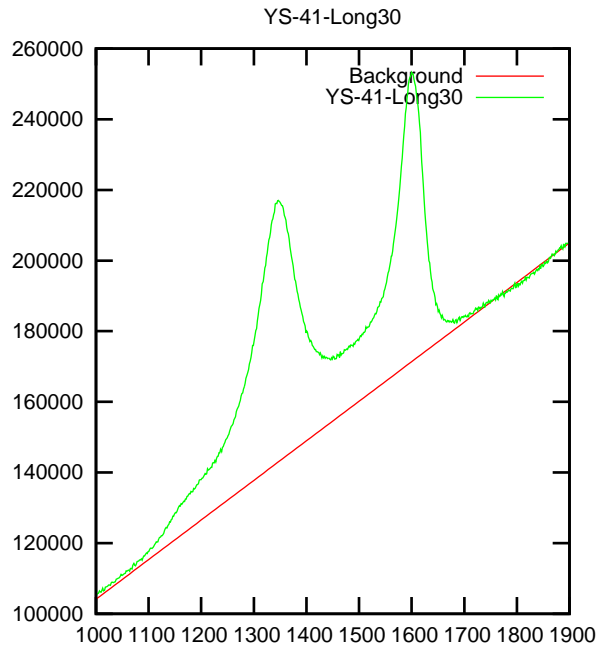


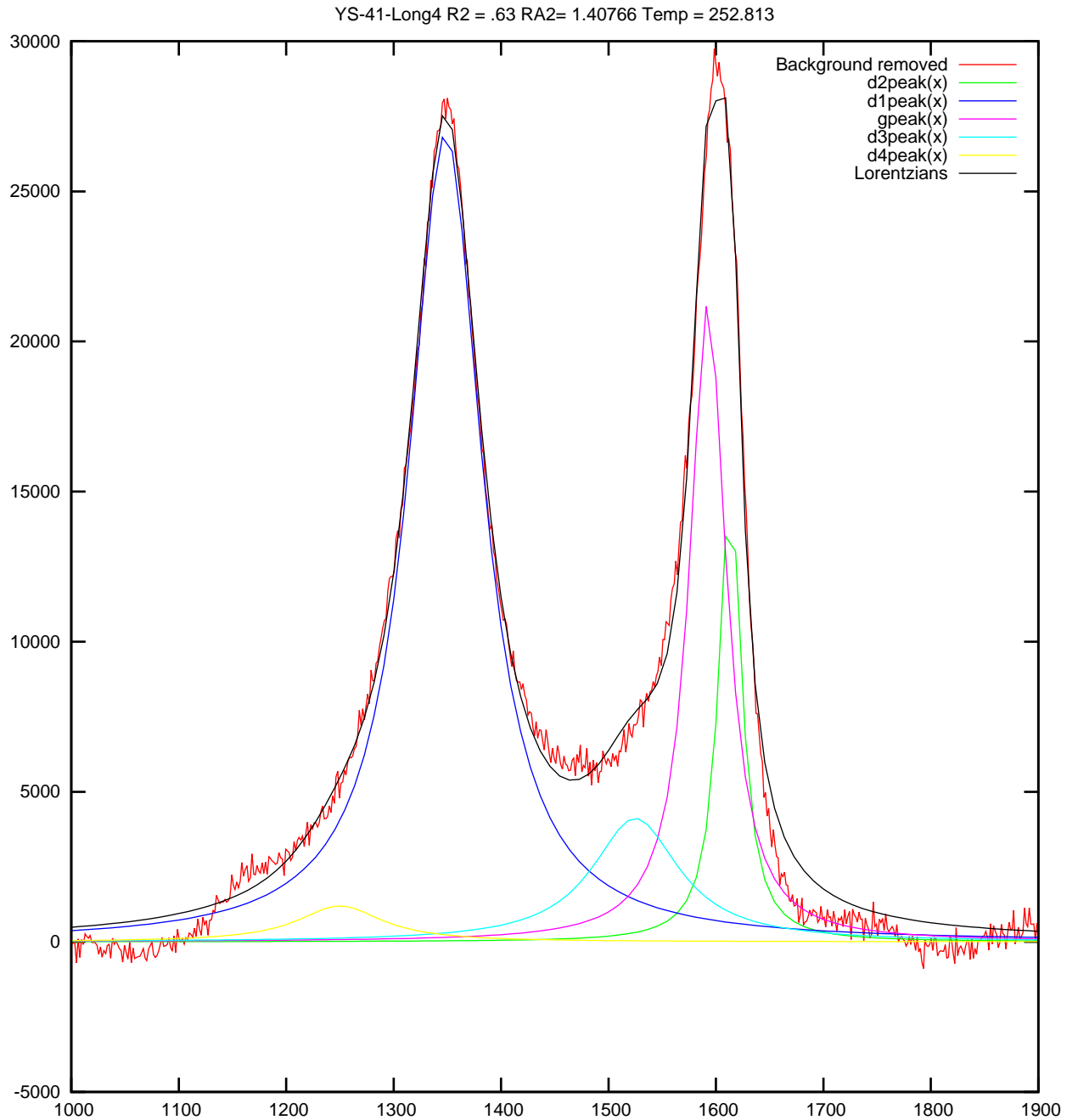
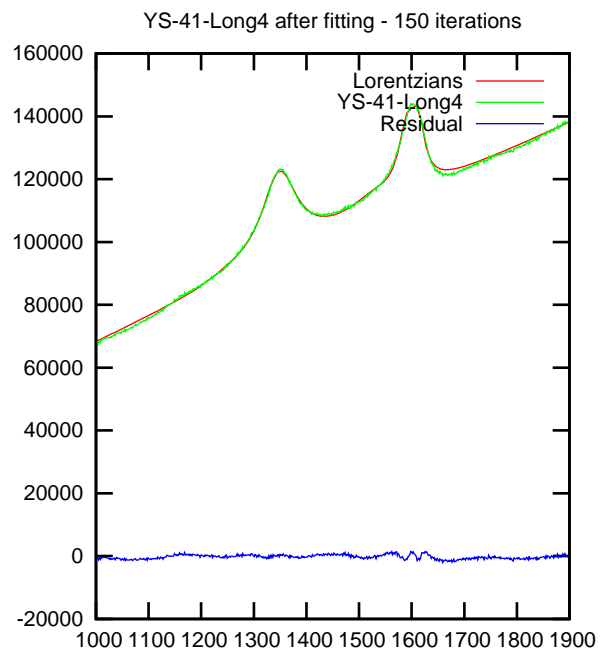
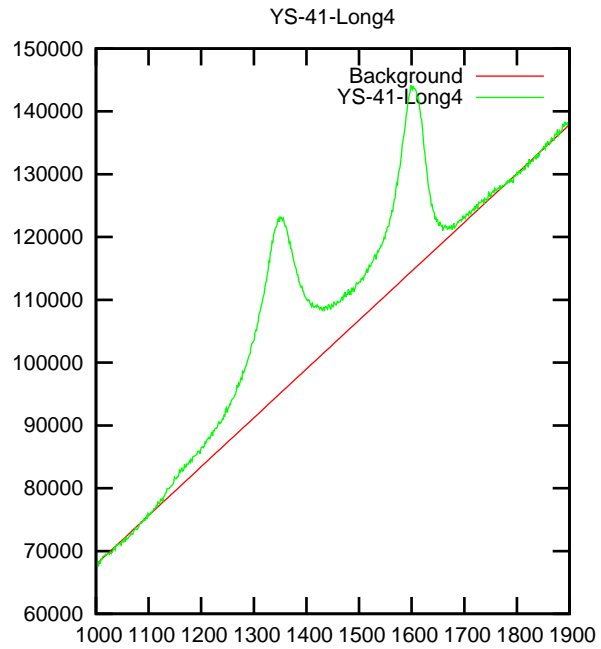


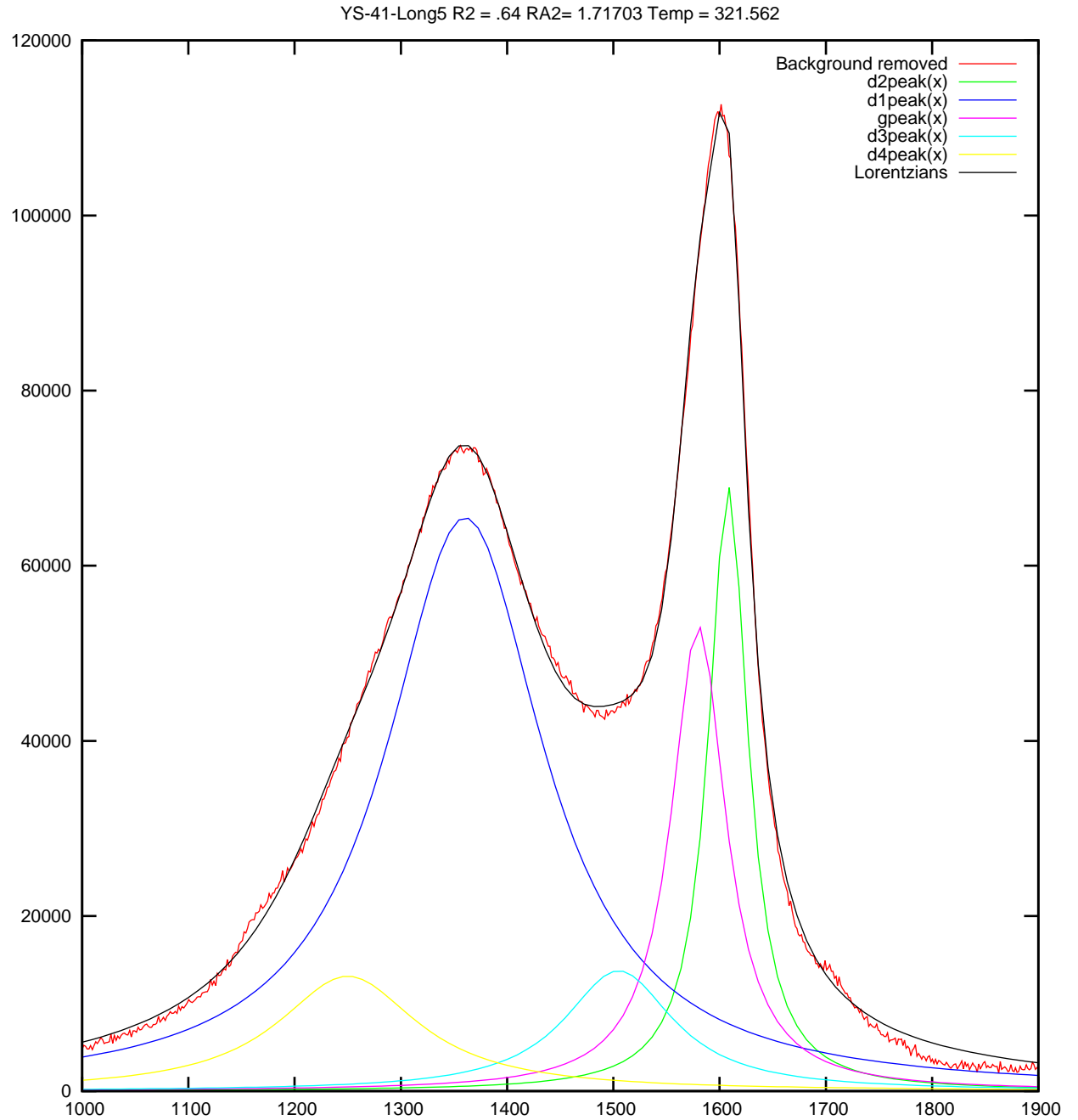
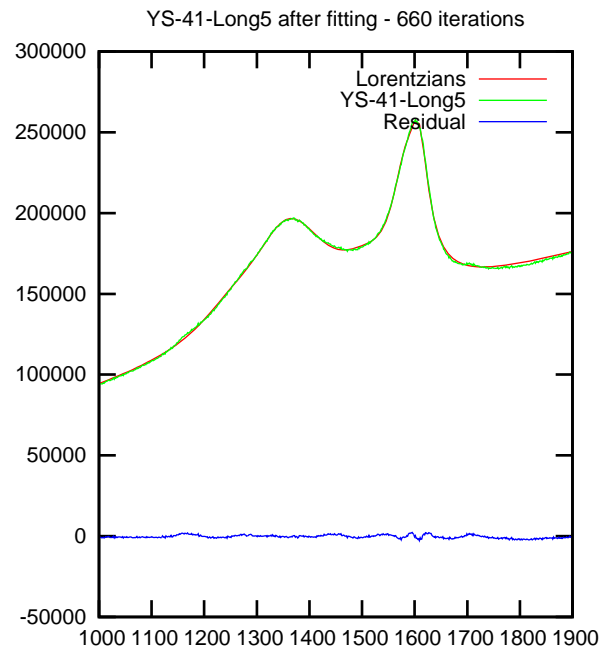
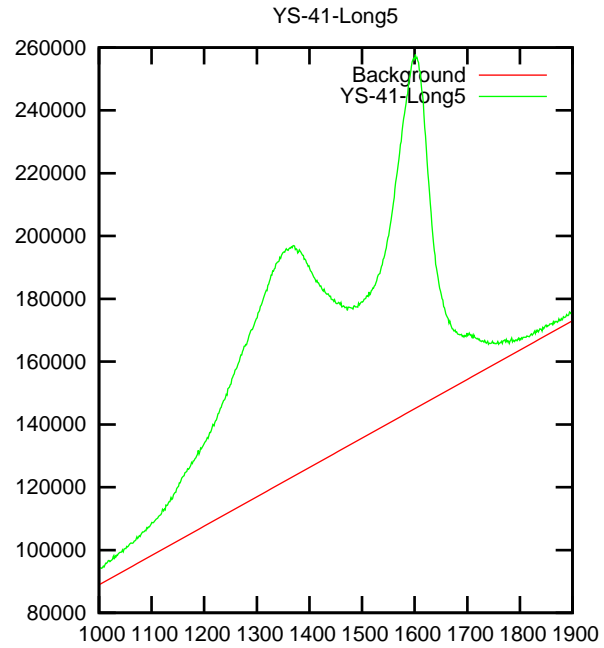


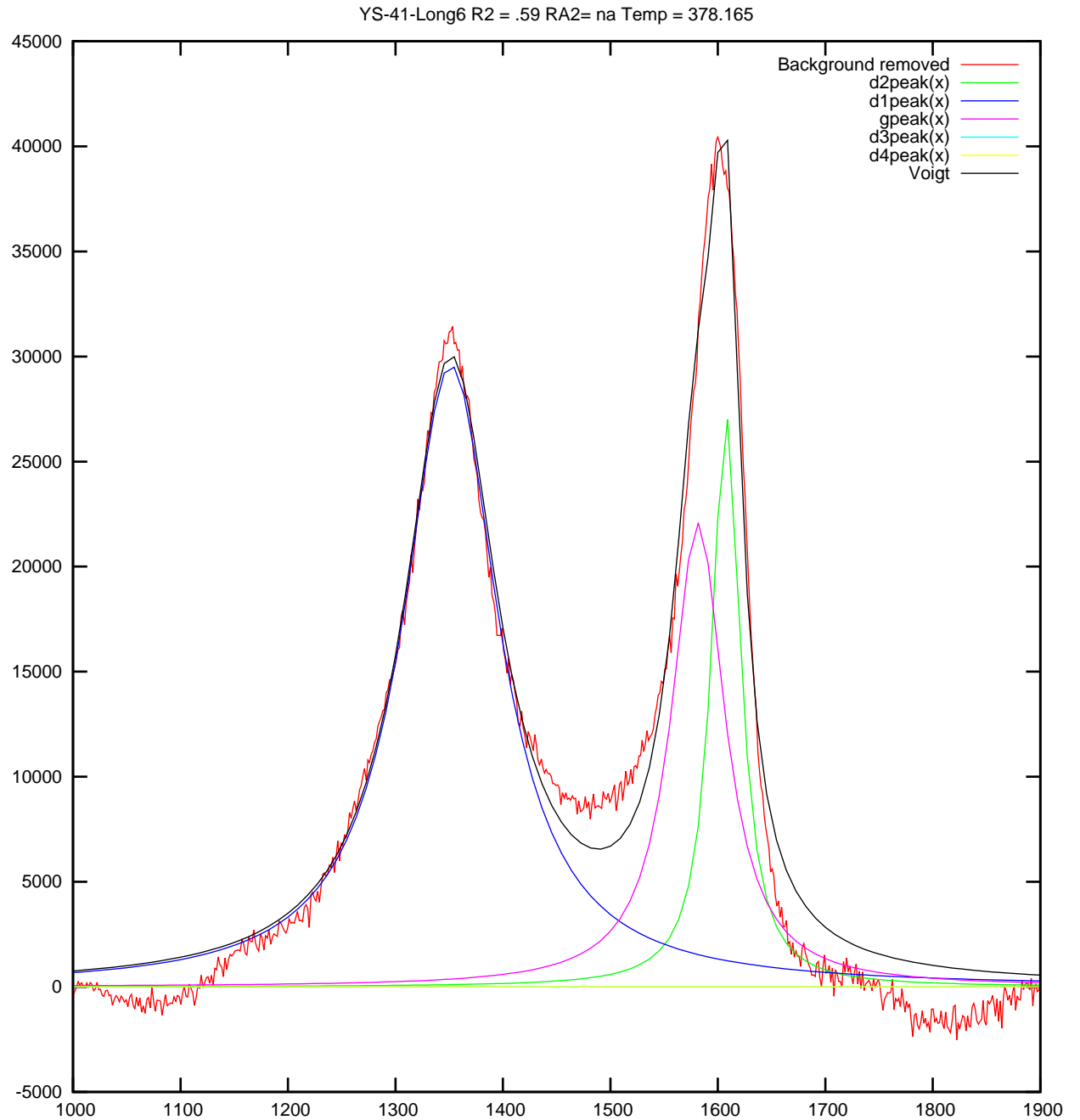
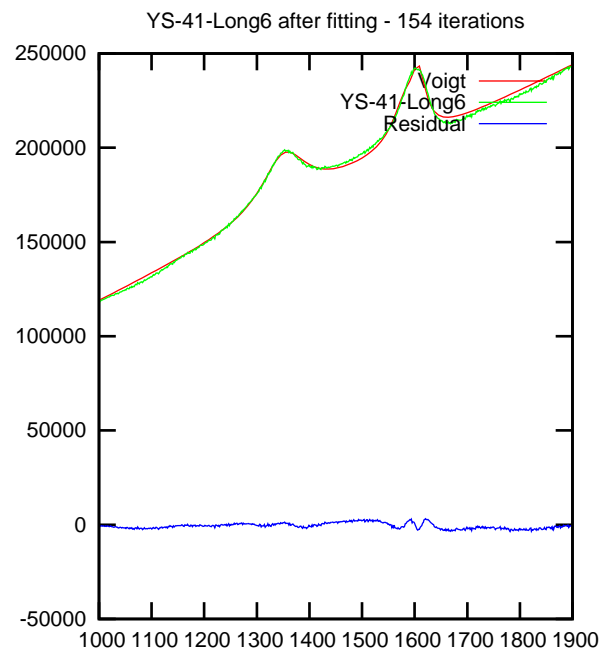
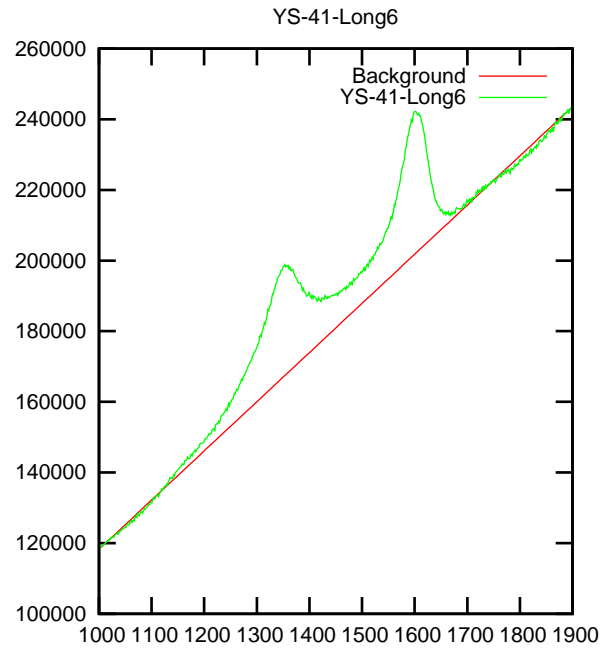


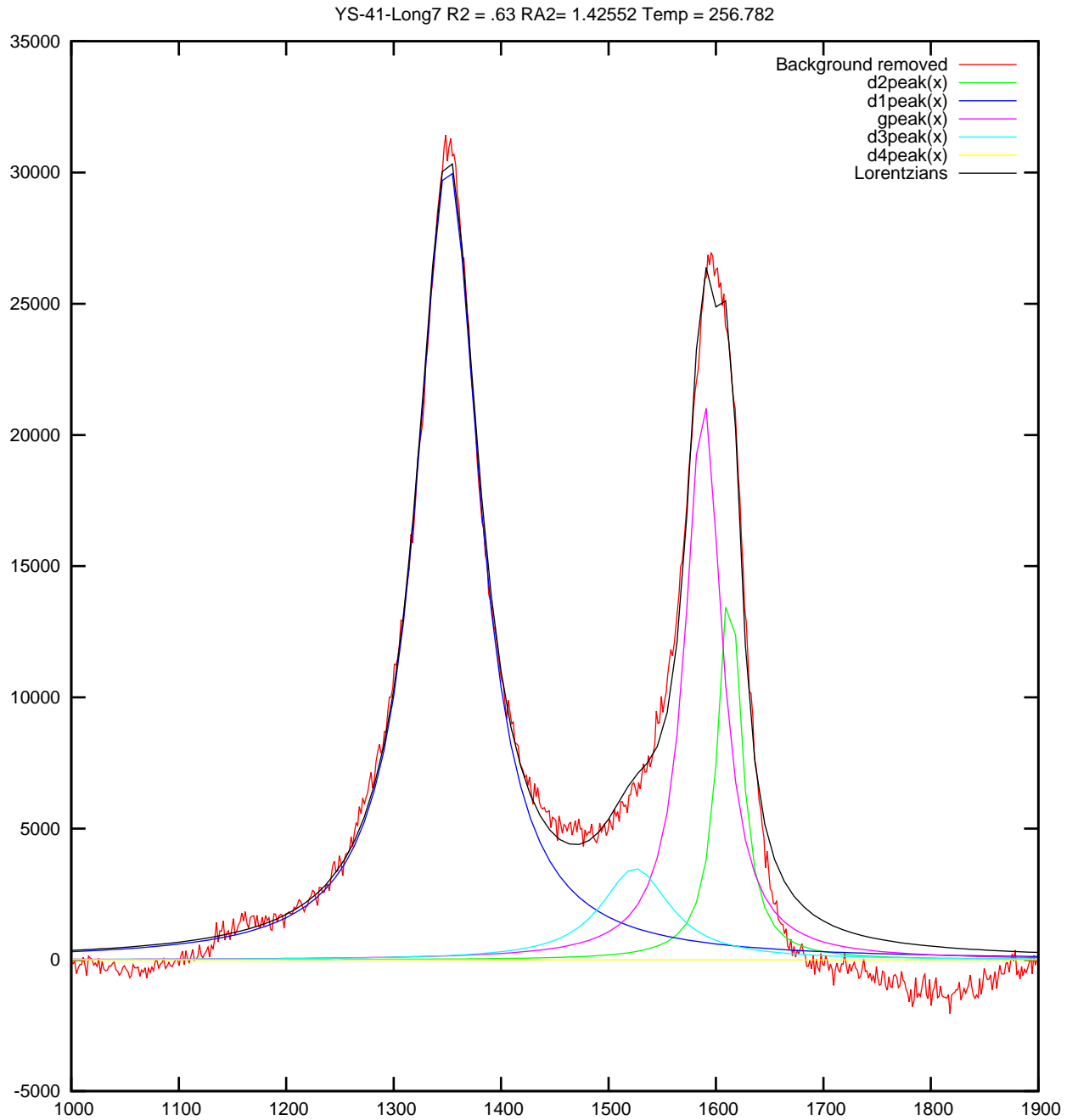
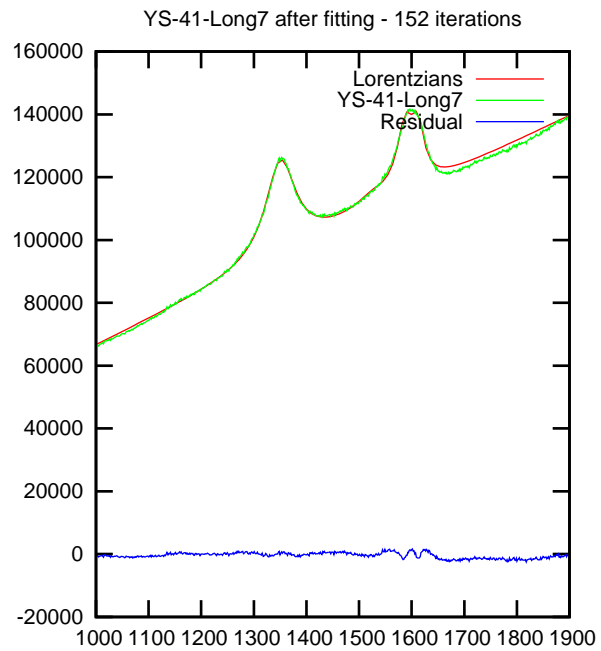
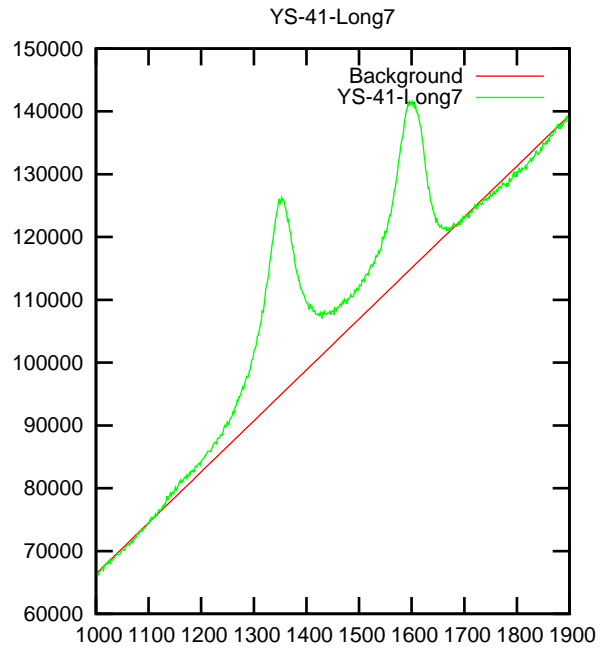


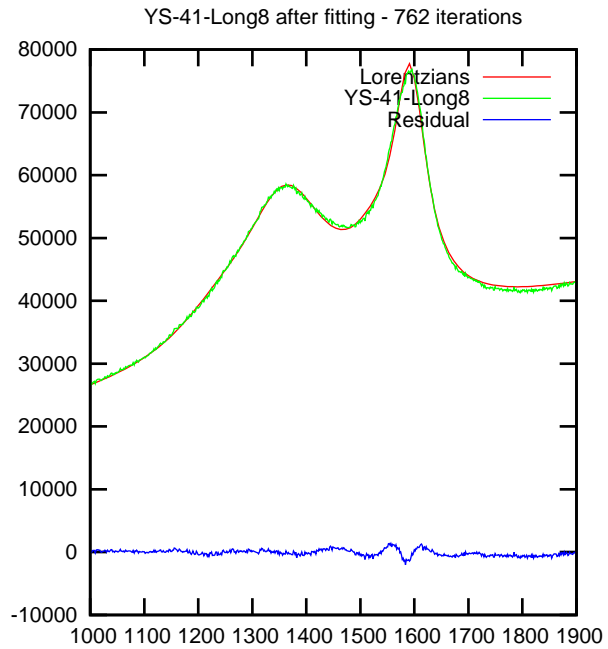
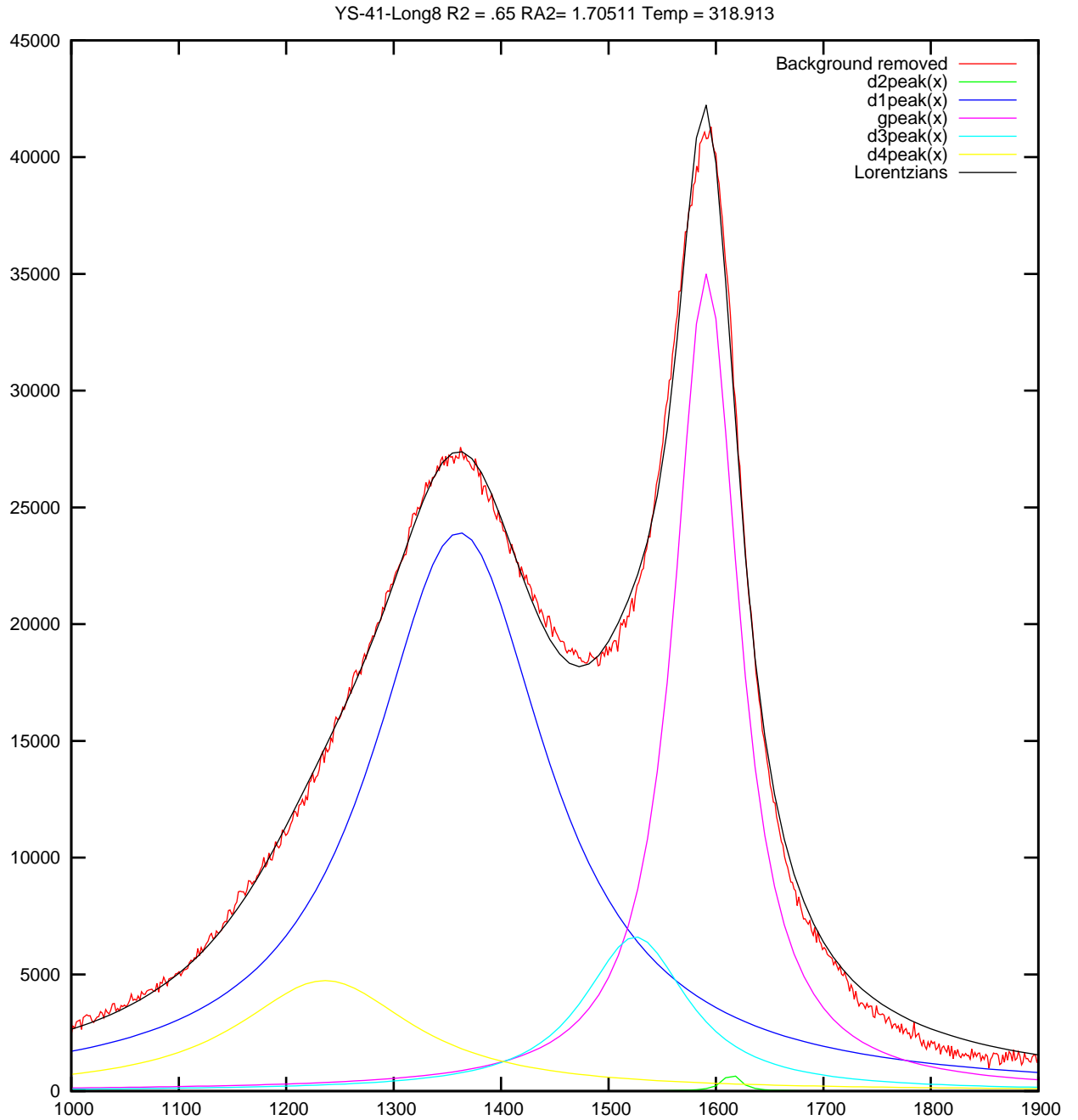
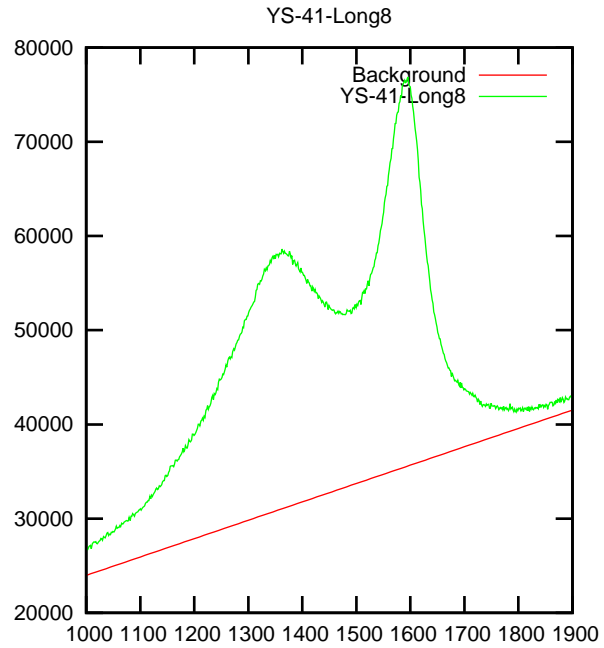


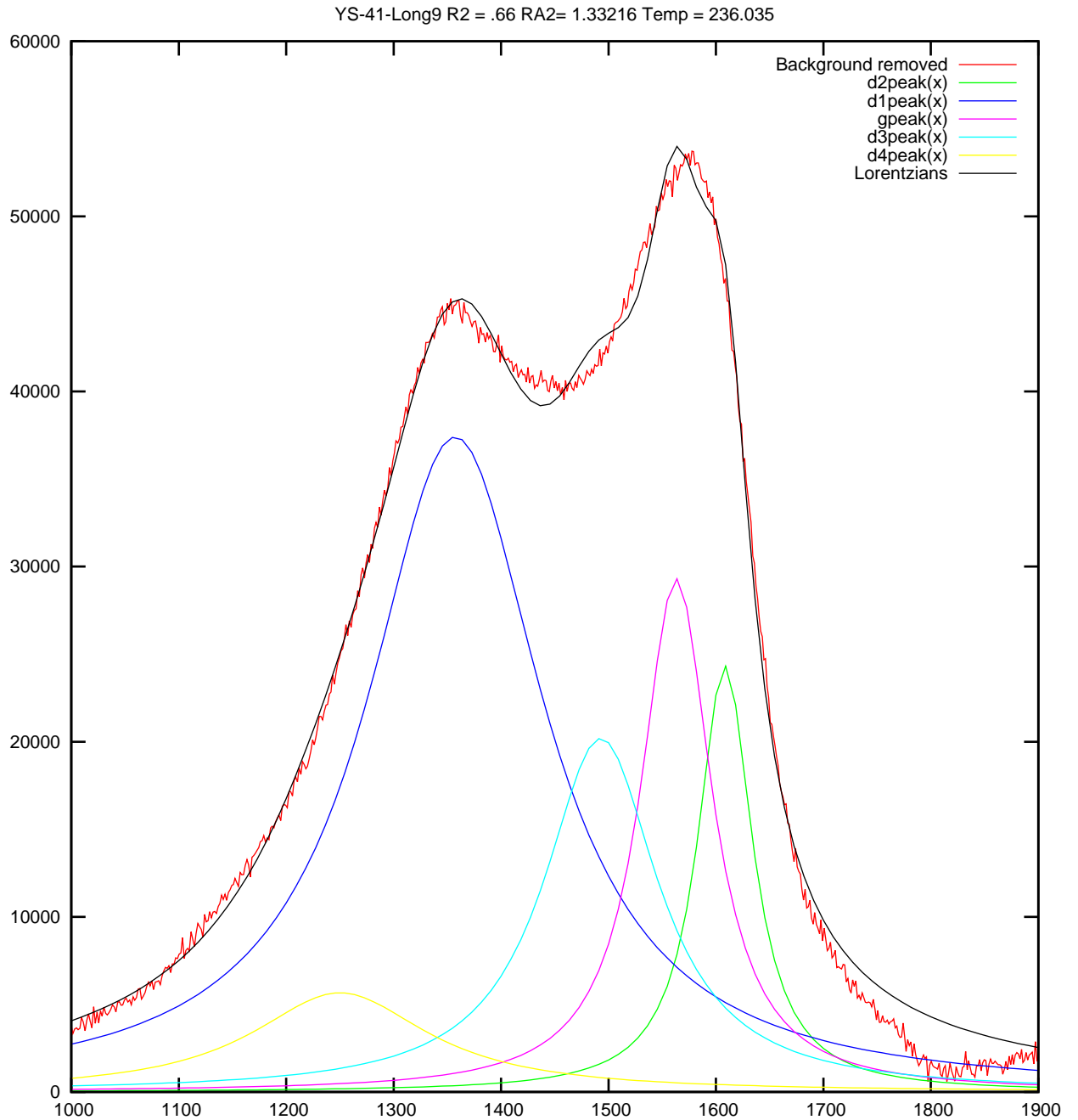
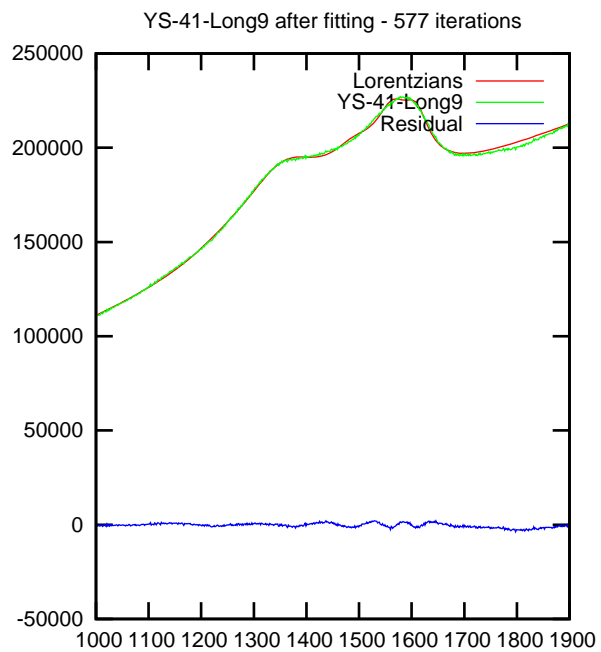
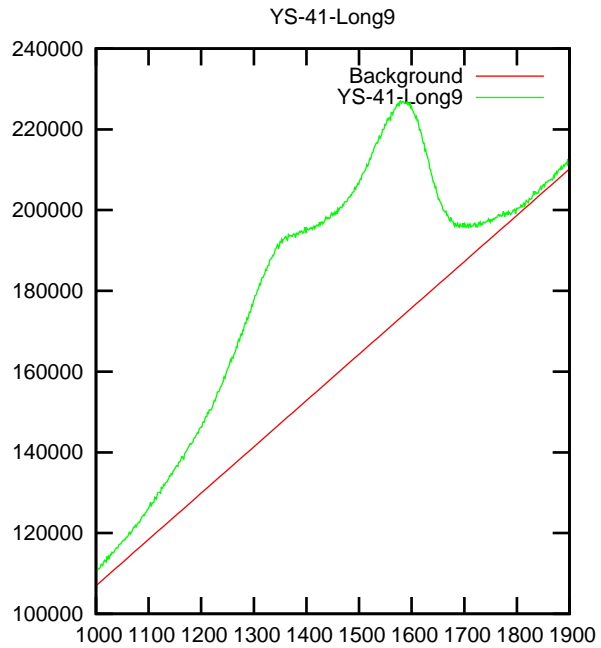


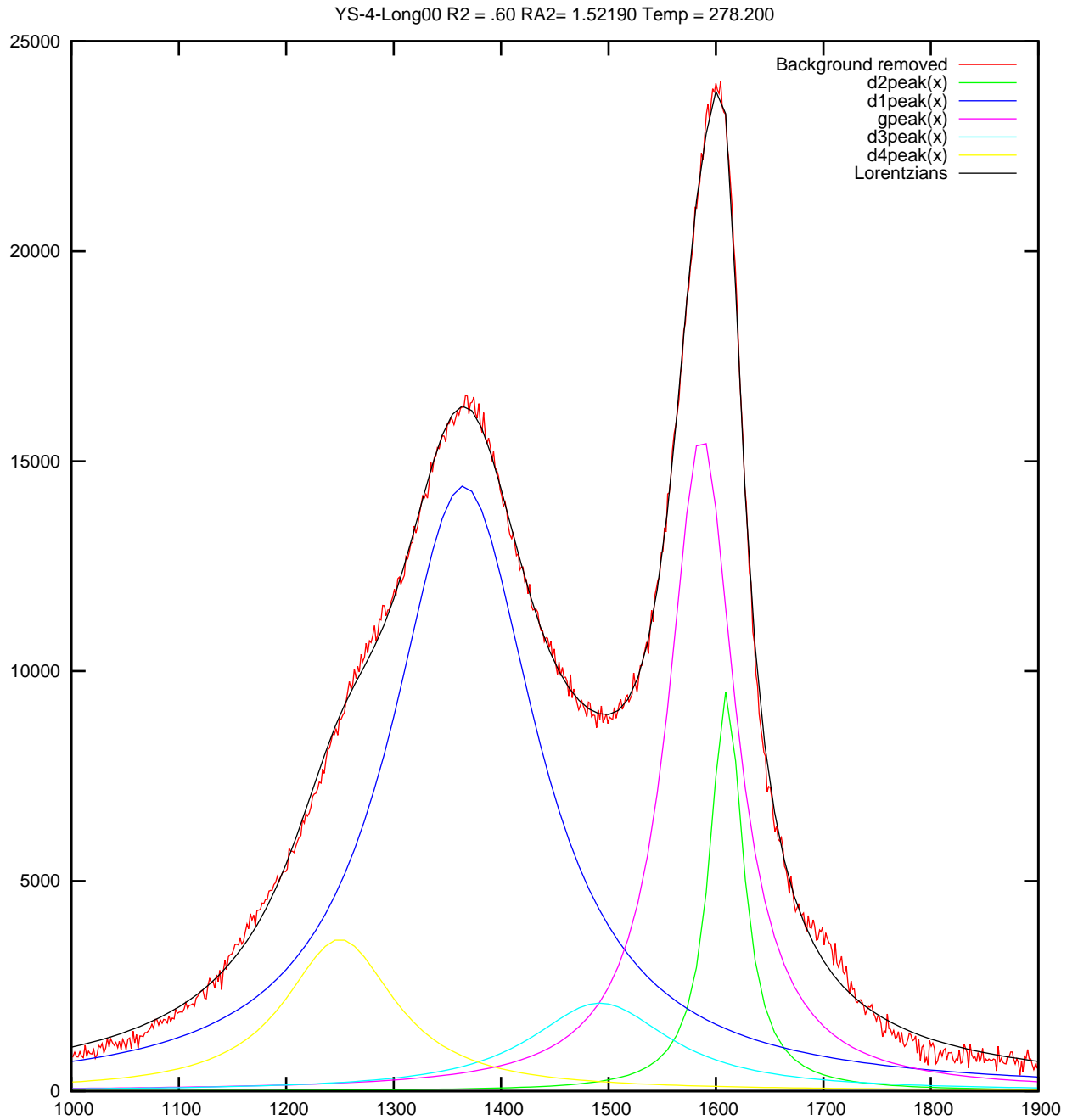
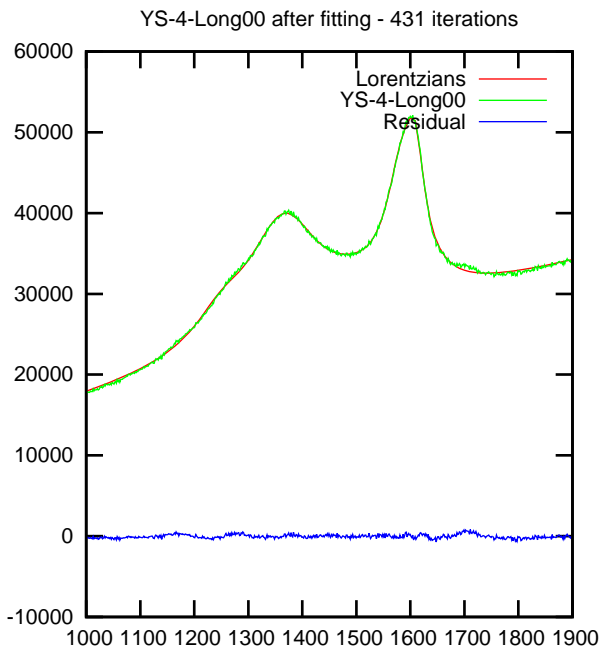
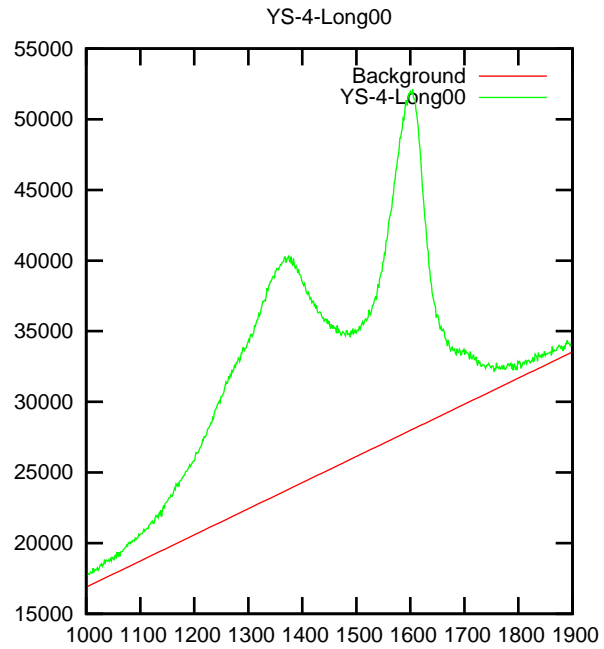




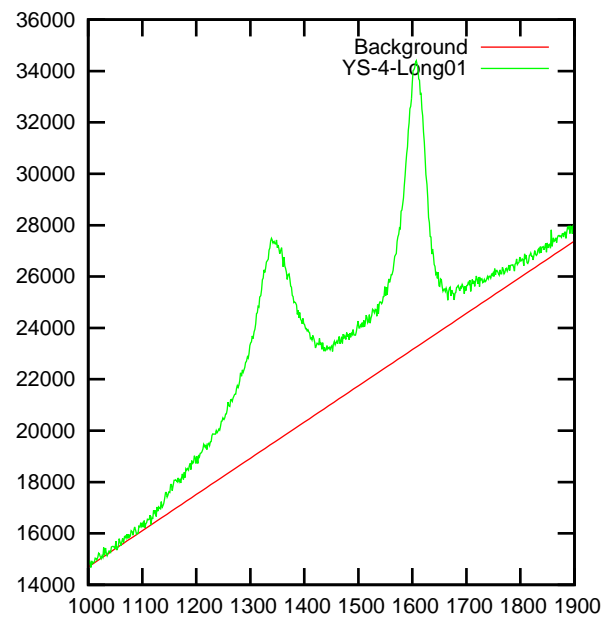




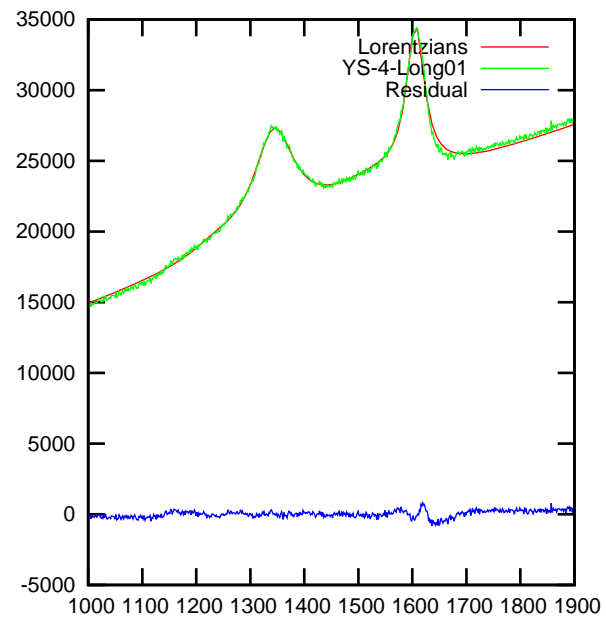




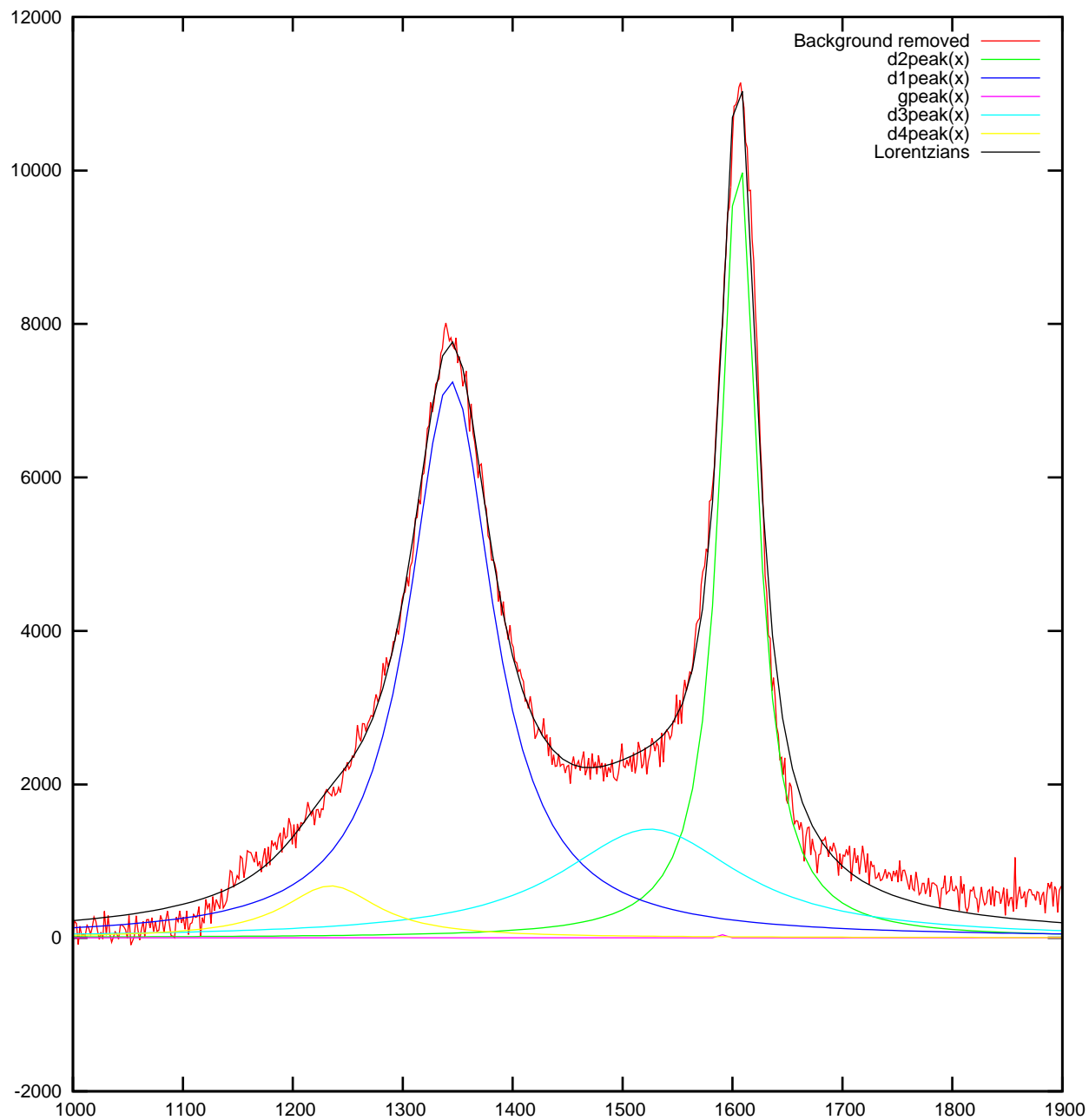
YS-4-Long01



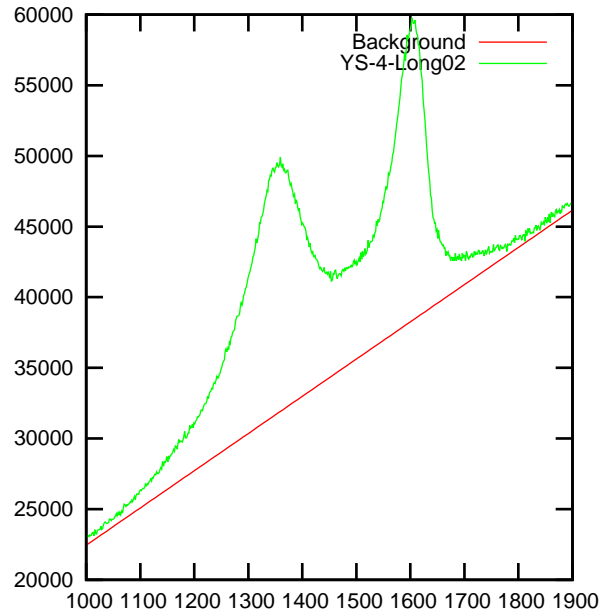
YS-4-Long01 after fitting - 226 iterations



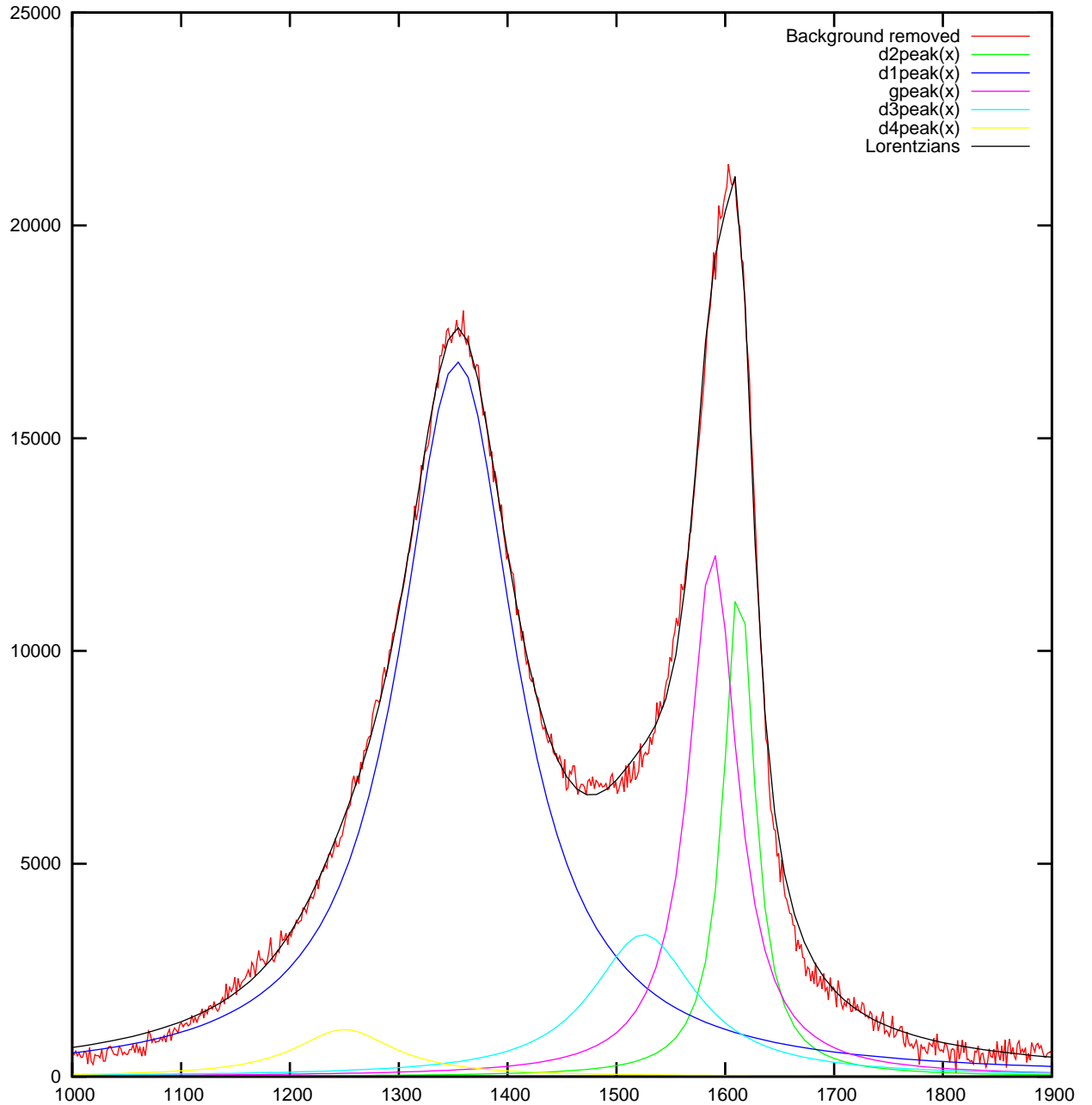
YS-4-Long01 R2 = .61 RA2= 1.06795 Temp = 177.322



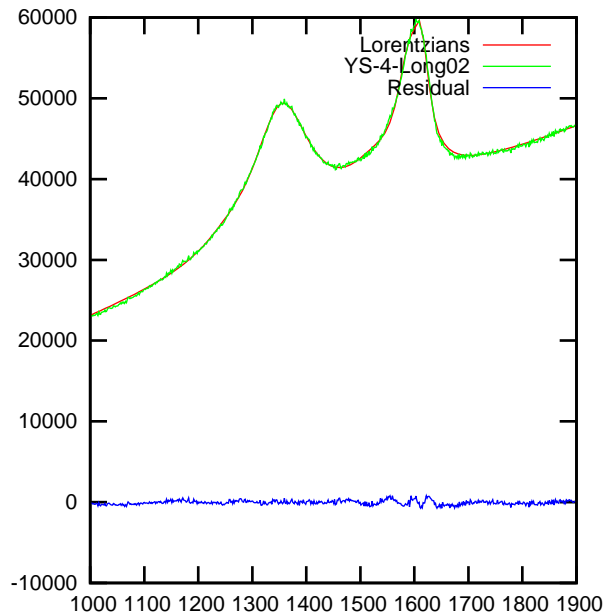
YS-4-Long02

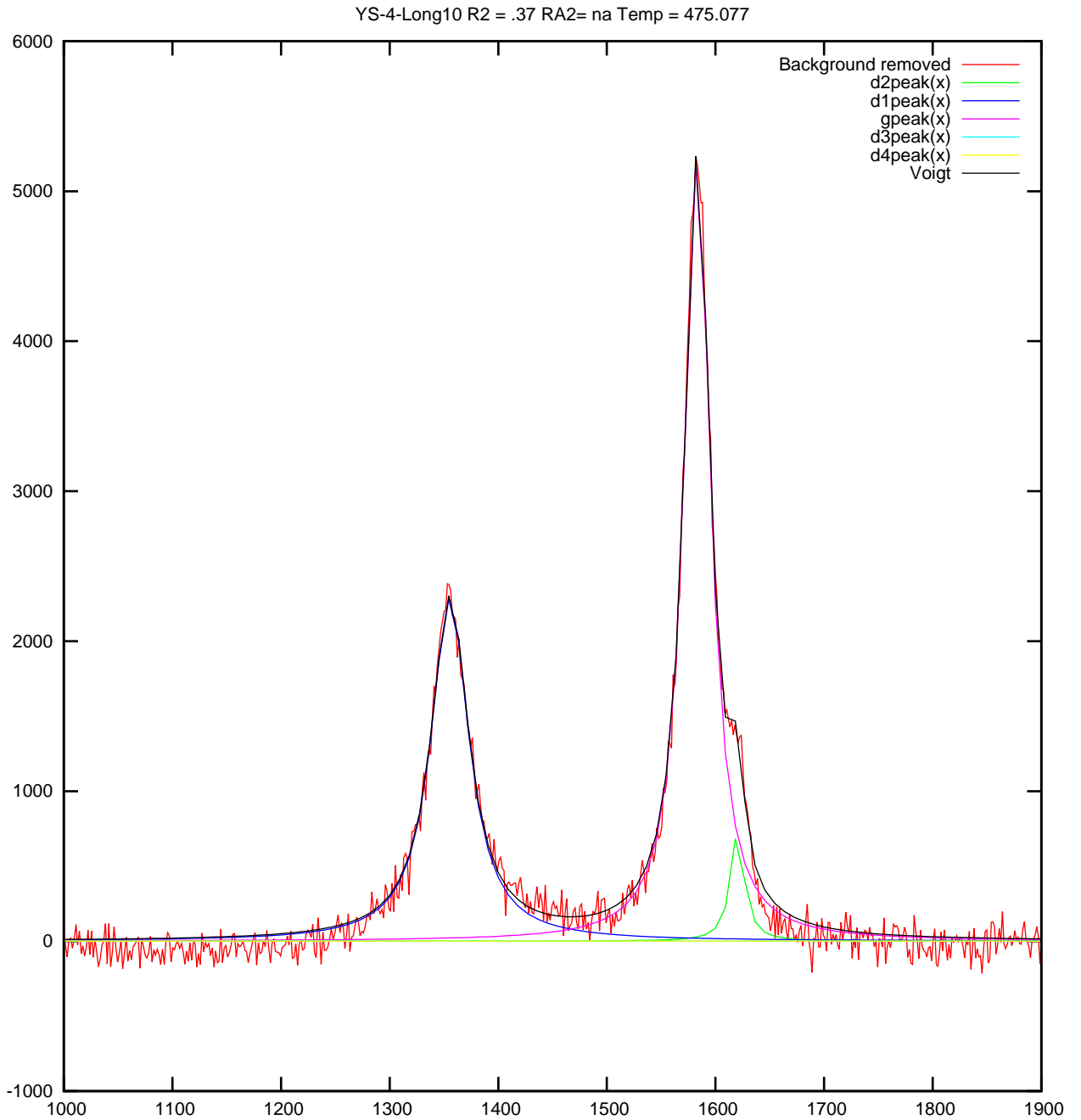
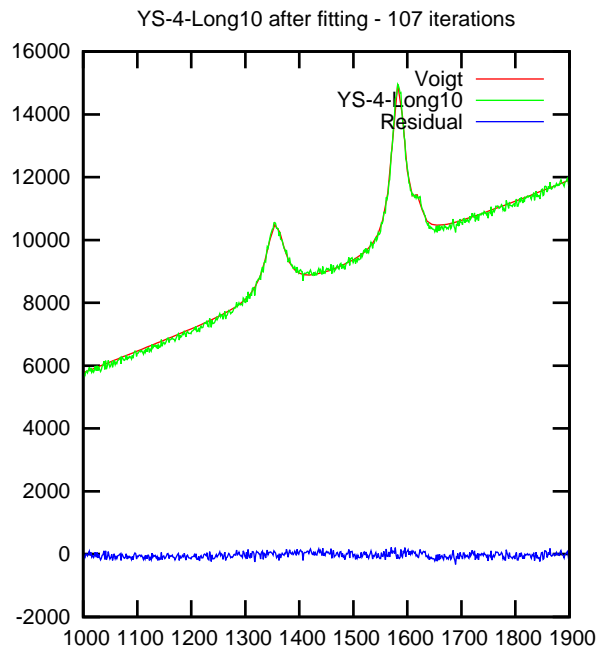
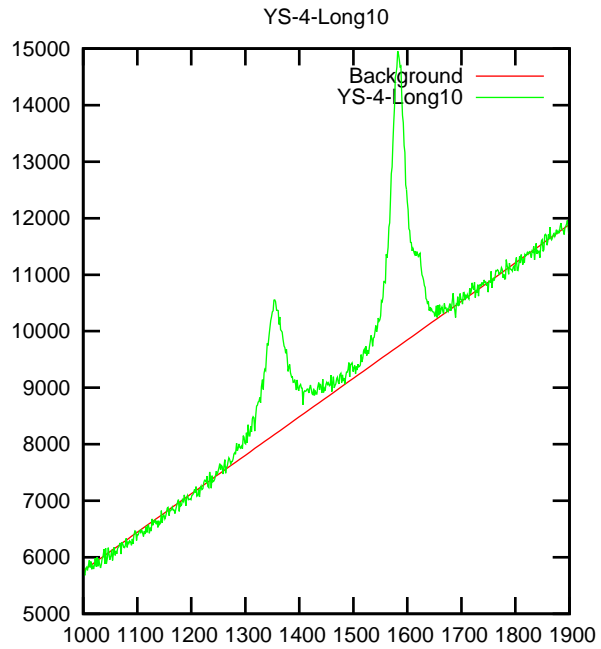


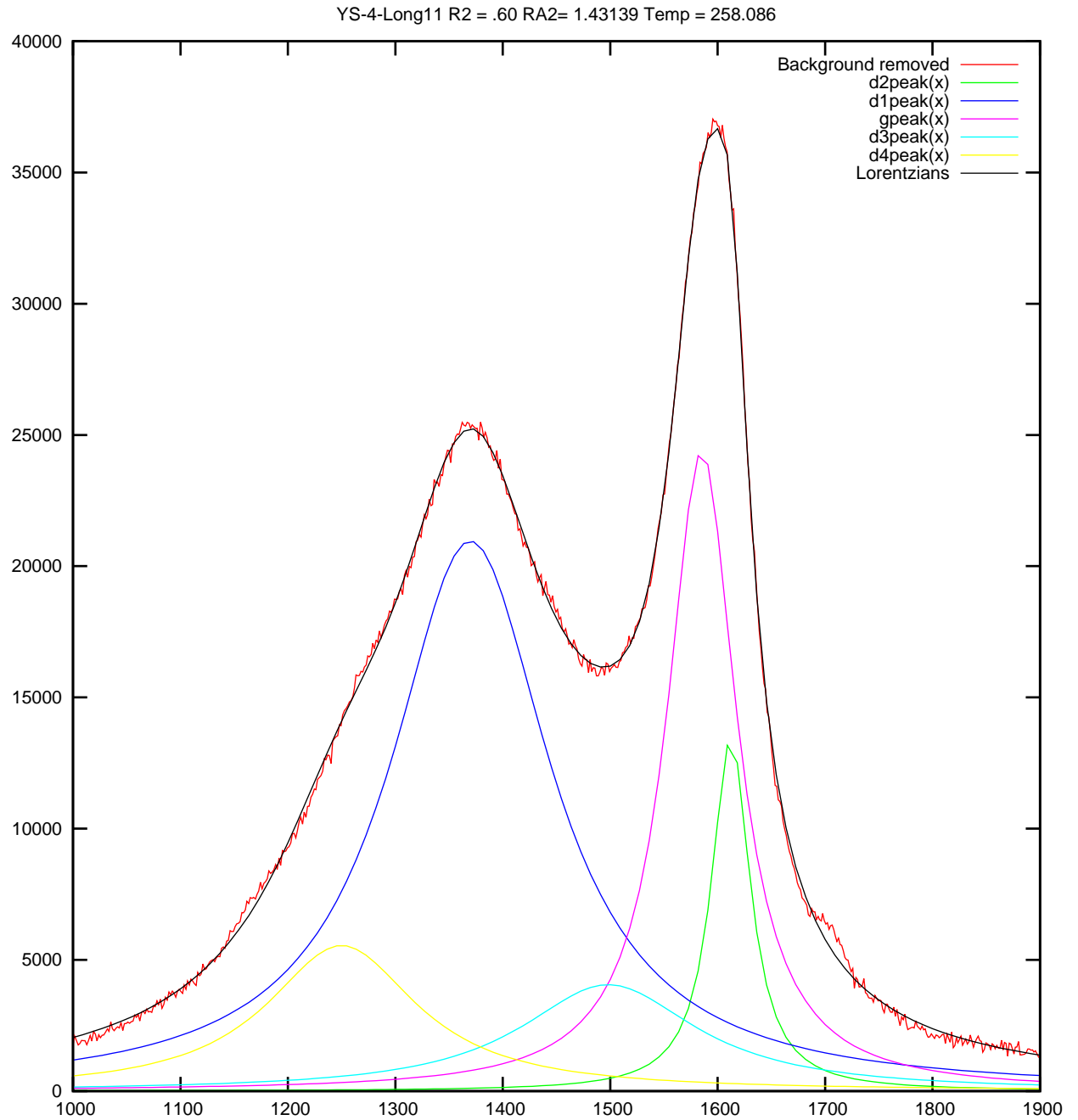
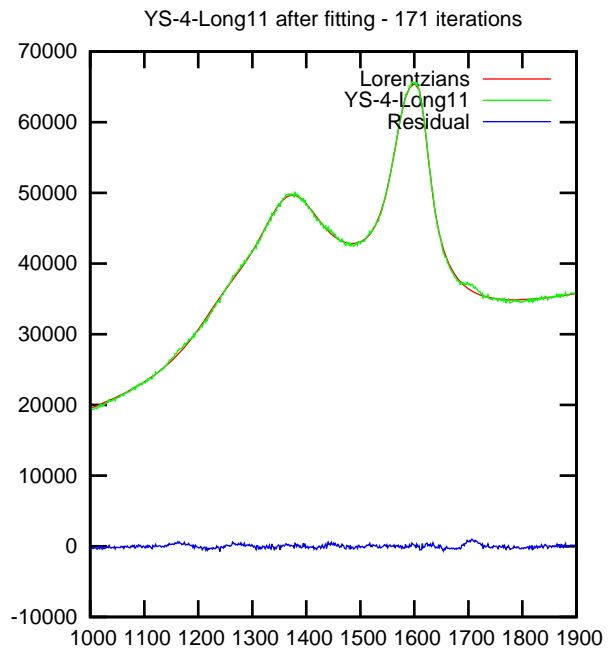
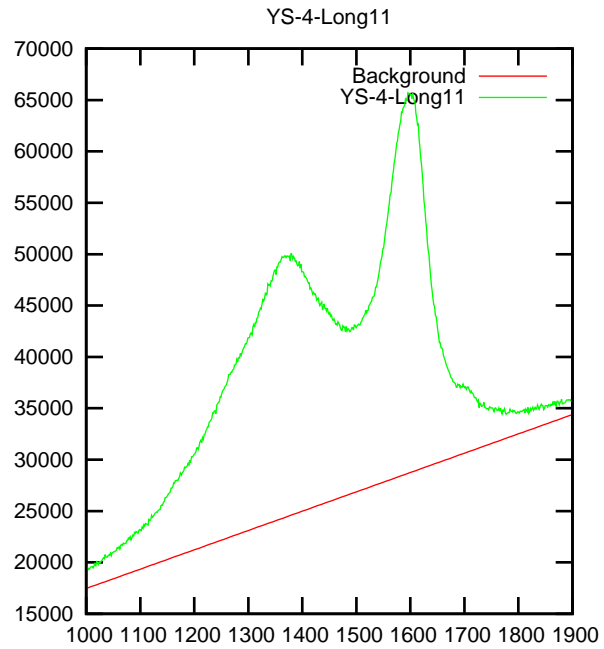
YS-4-Long02 R2 = .67 RA2= 1.60204 Temp = 296.008



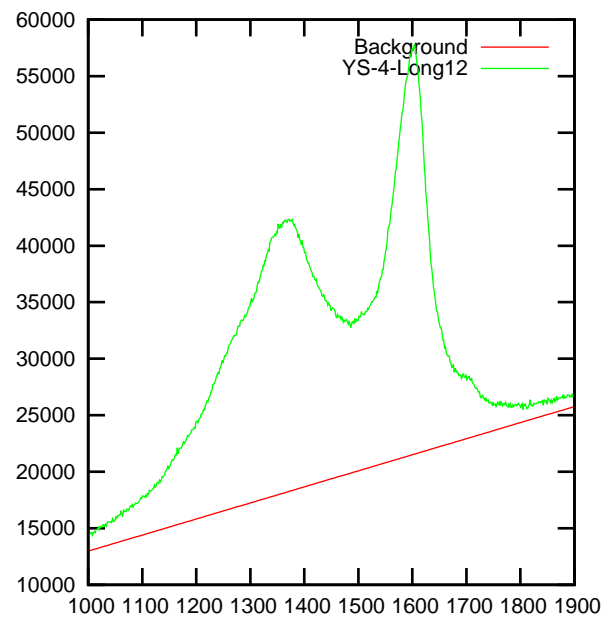
YS-4-Long02 after fitting - 42 iterations



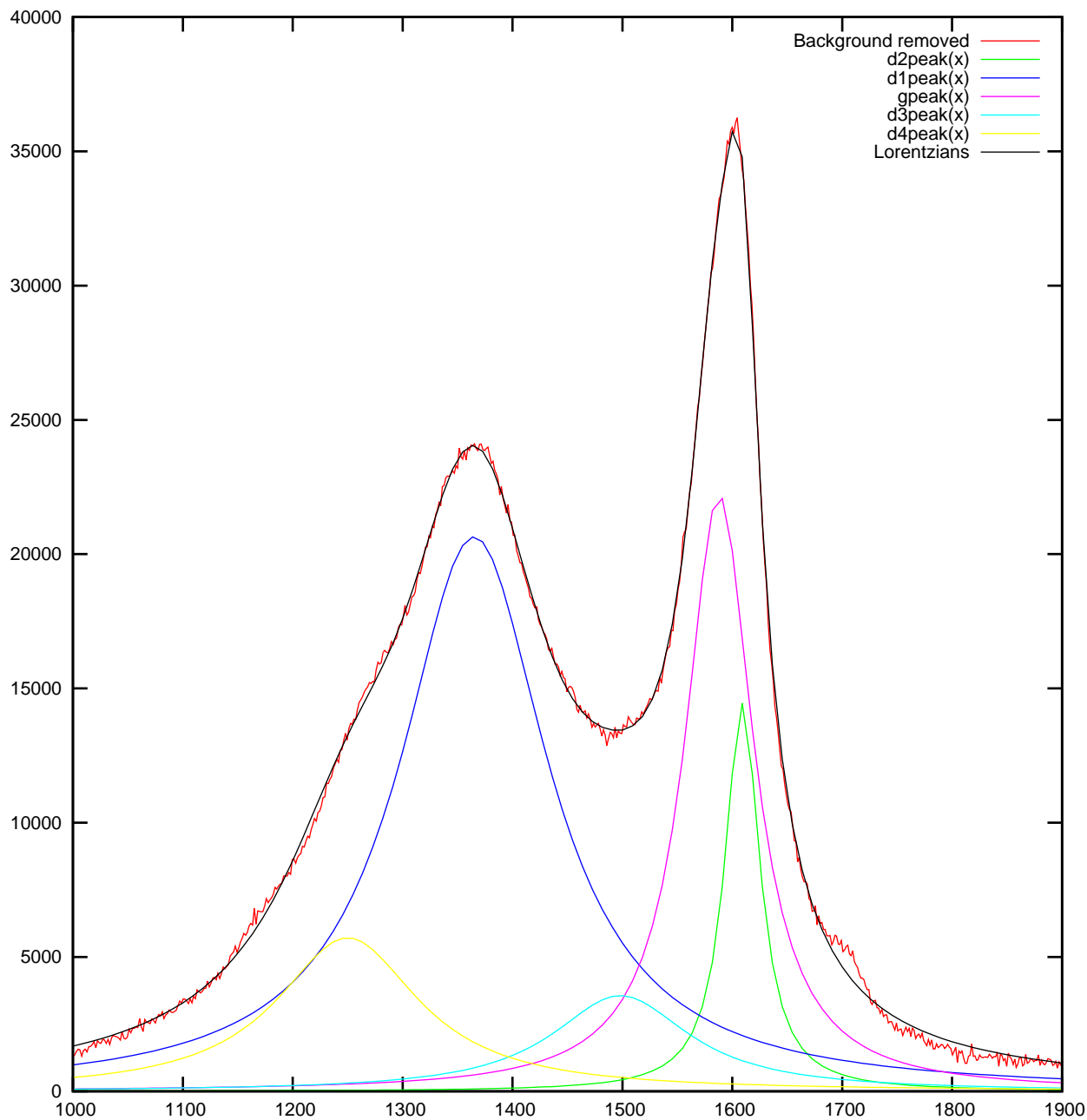




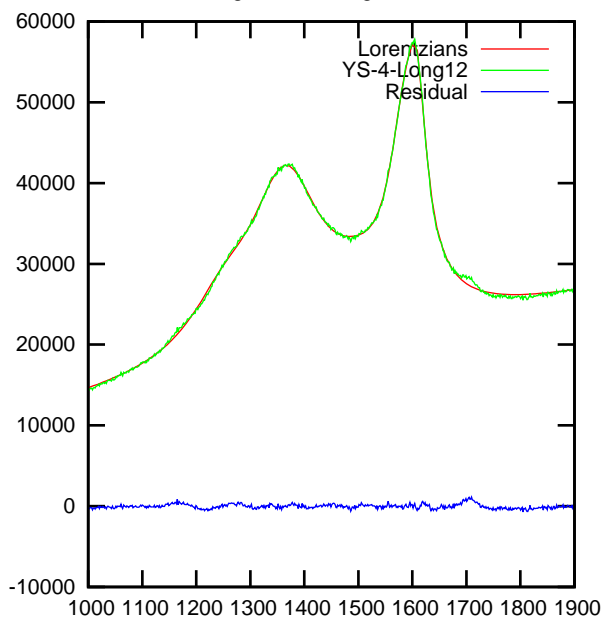
YS-4-Long12

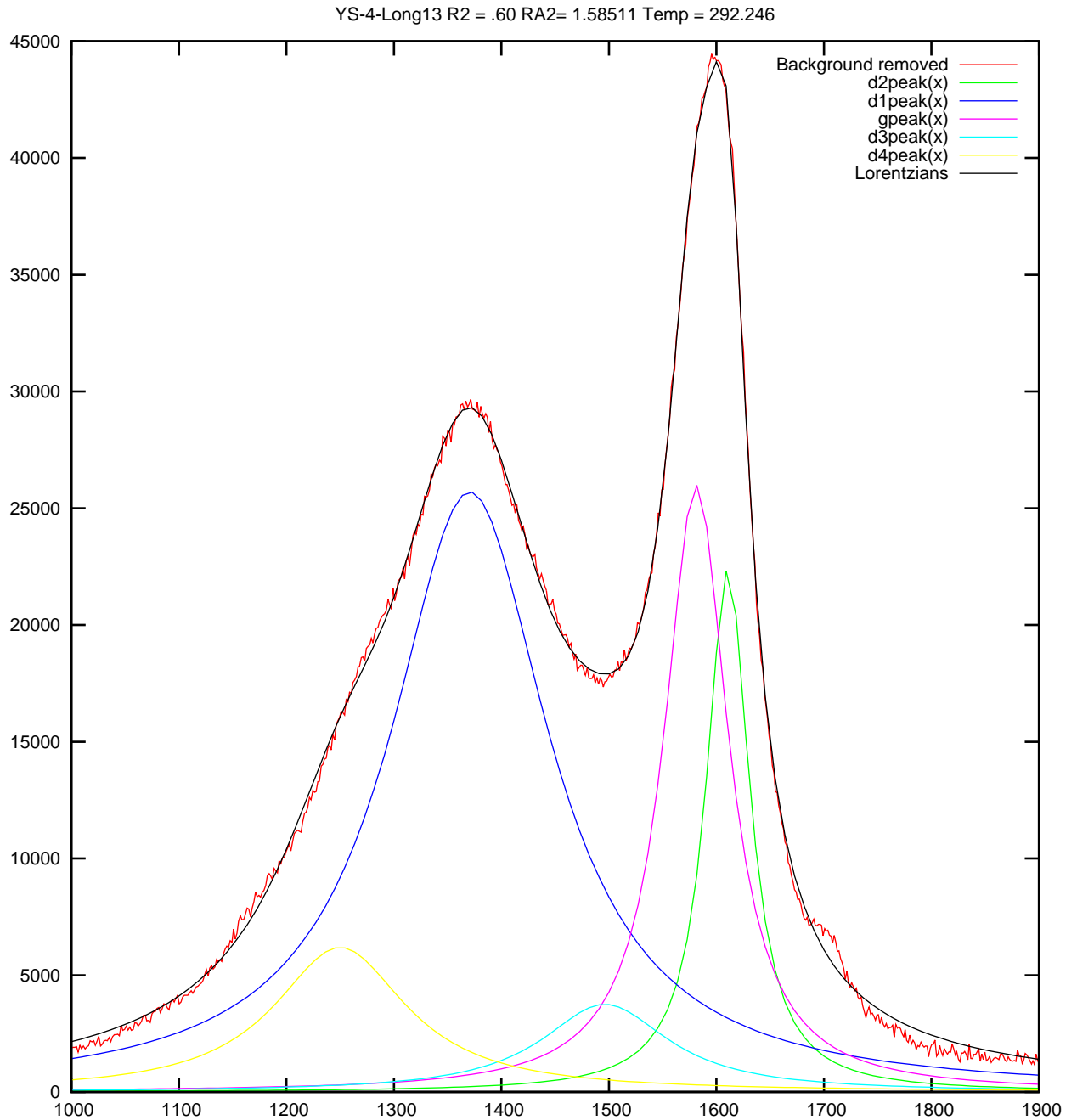
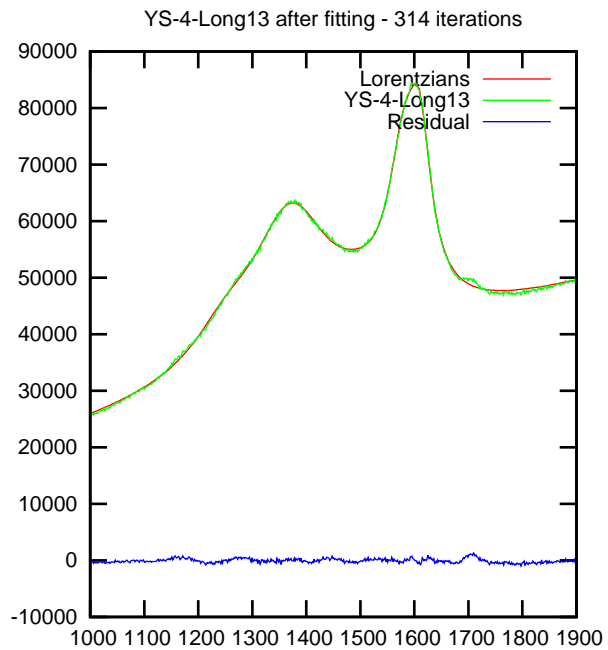
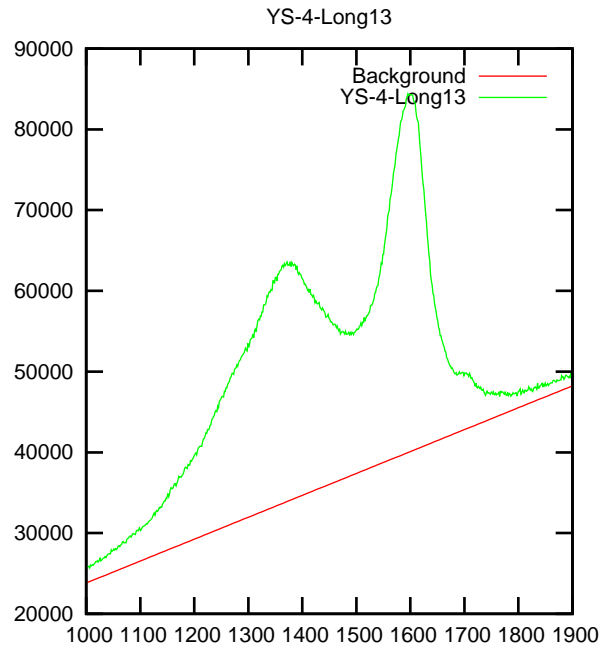


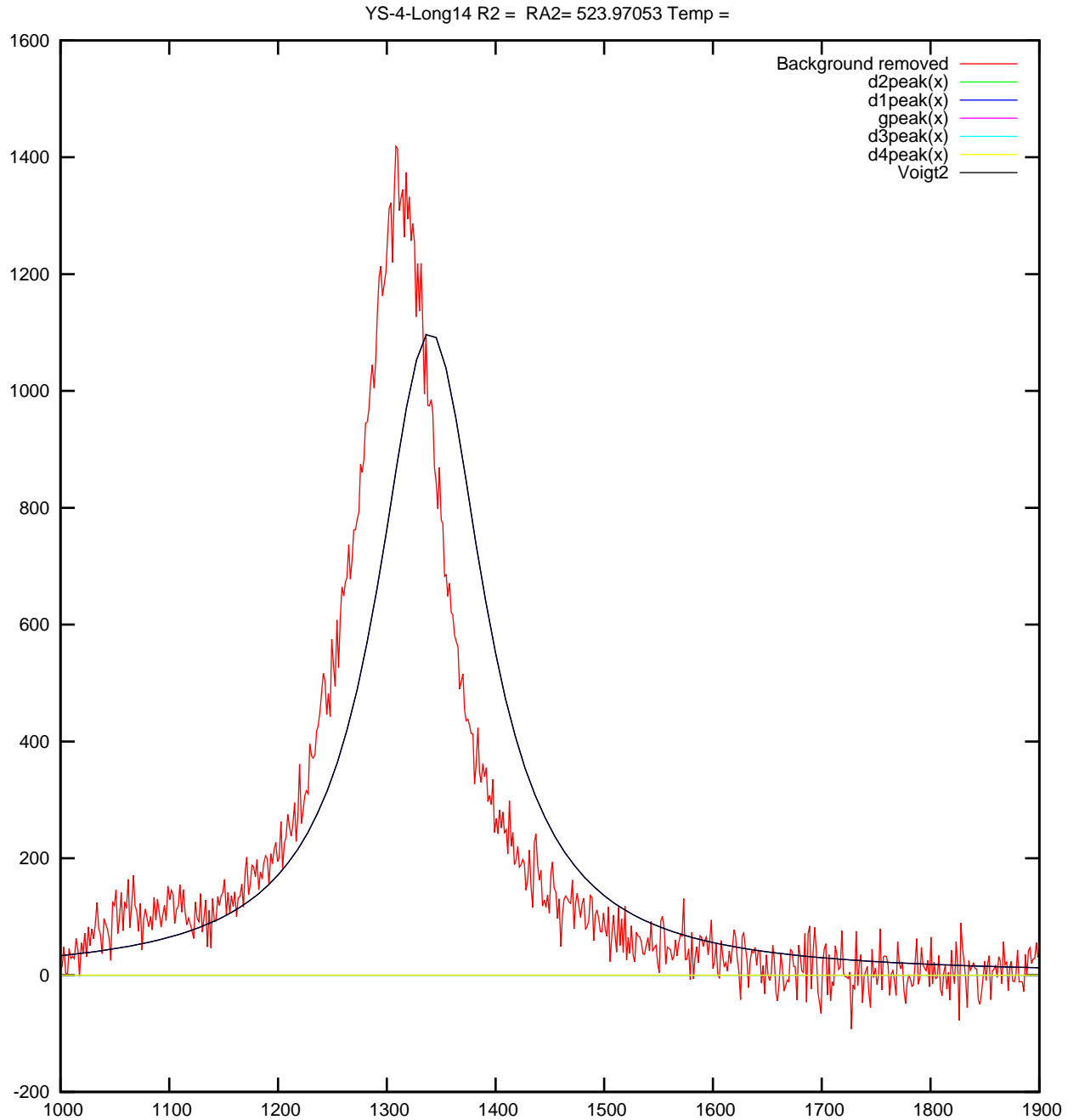
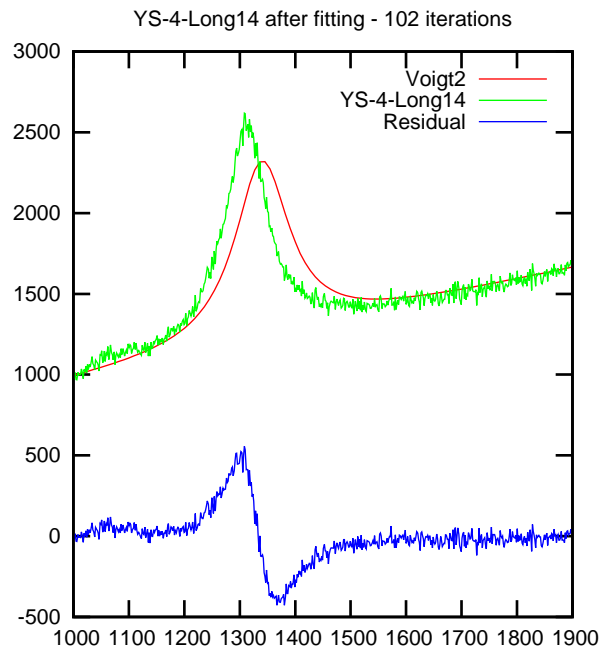
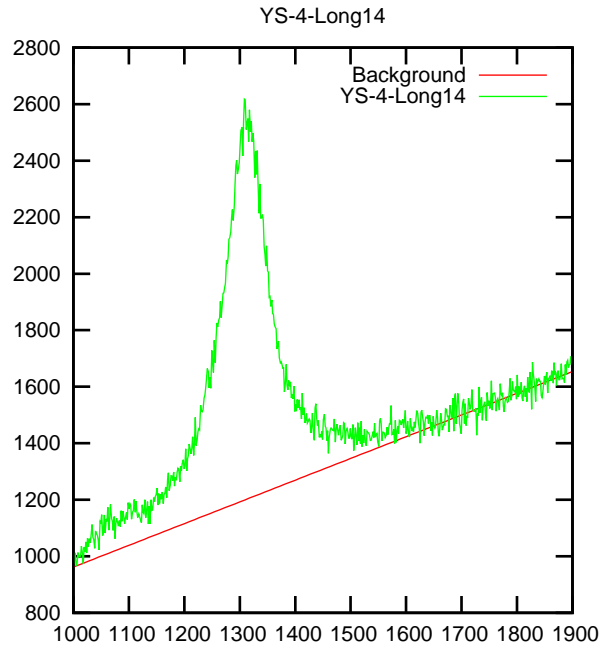
YS-4-Long12 R2 = .60 RA2= 1.54440 Temp = 283.200

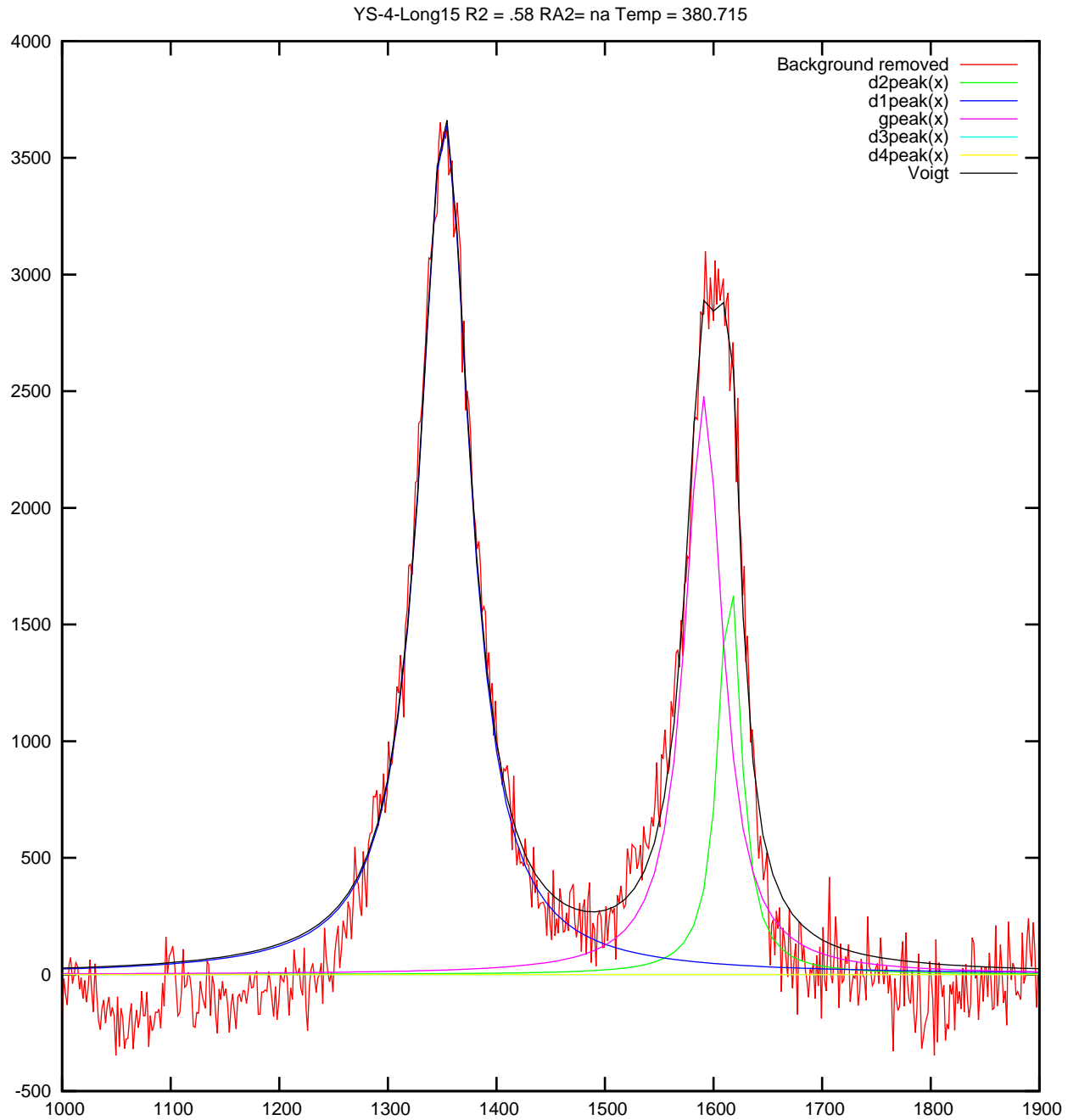
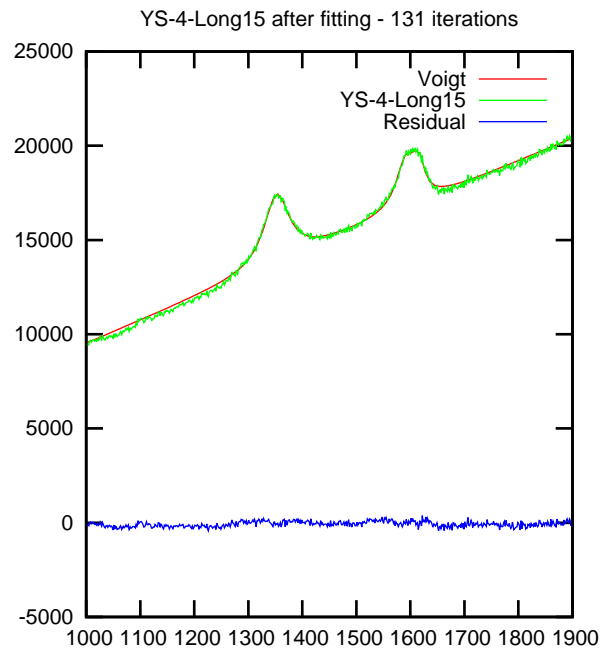
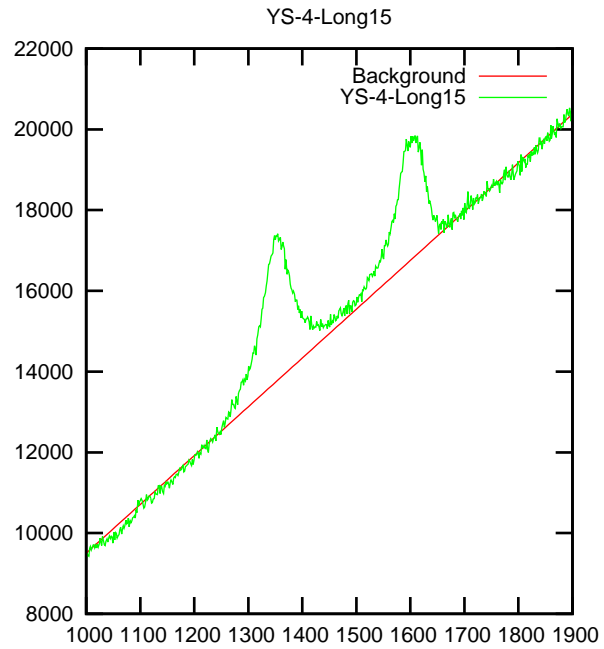


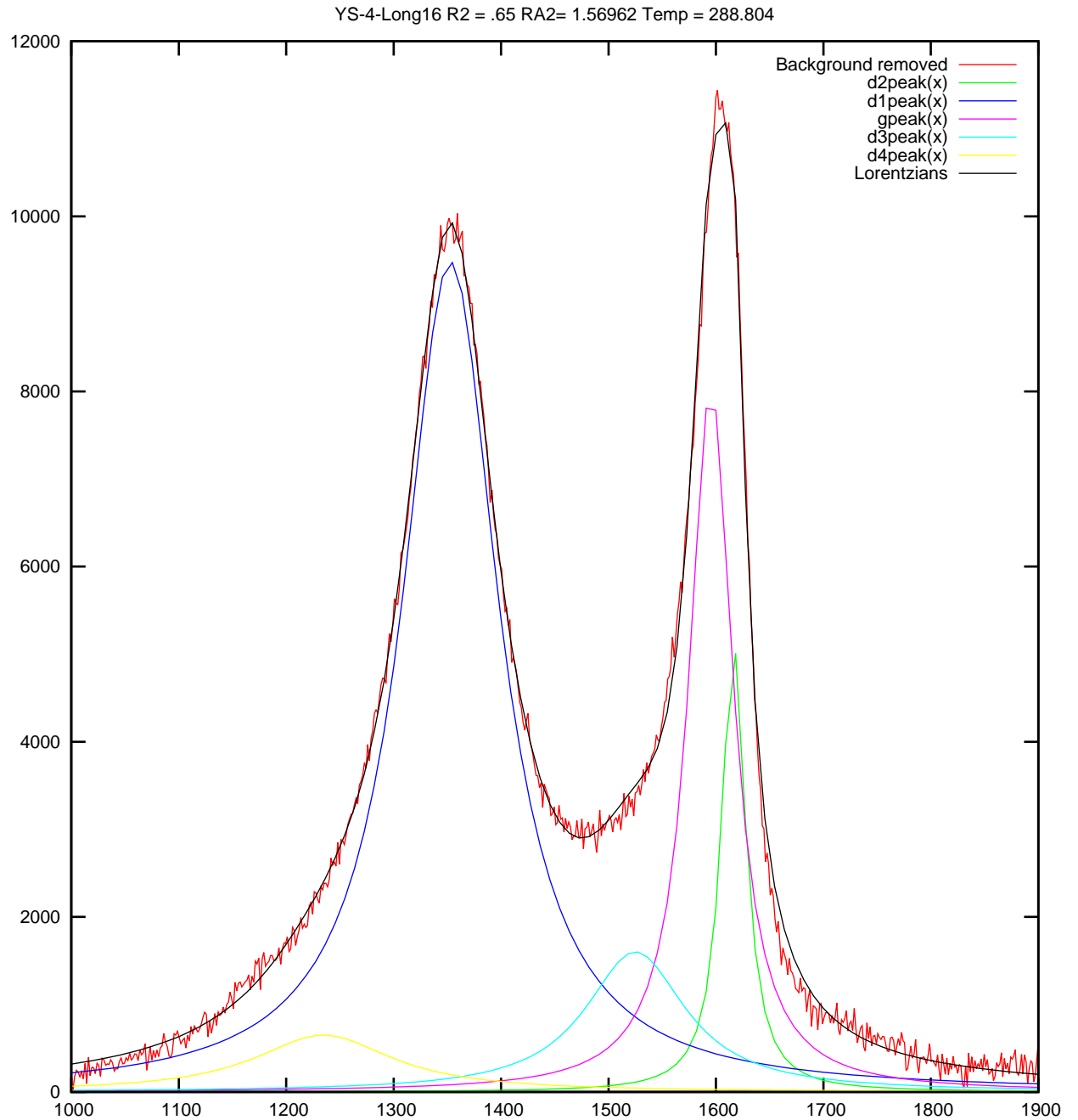
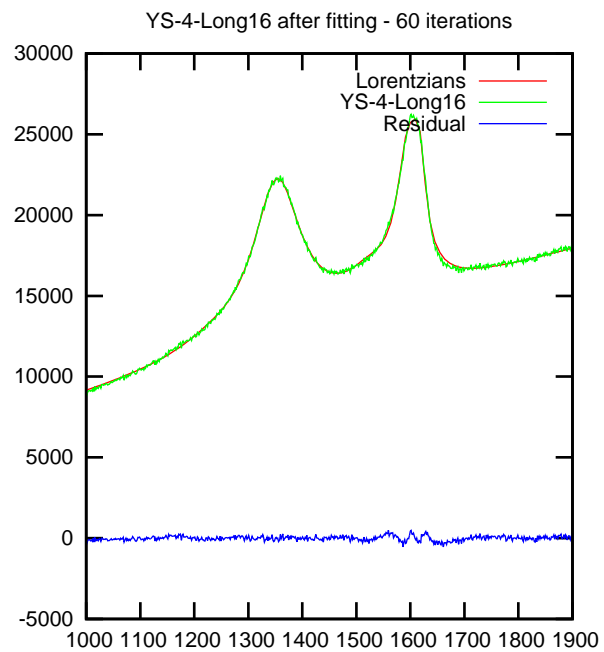
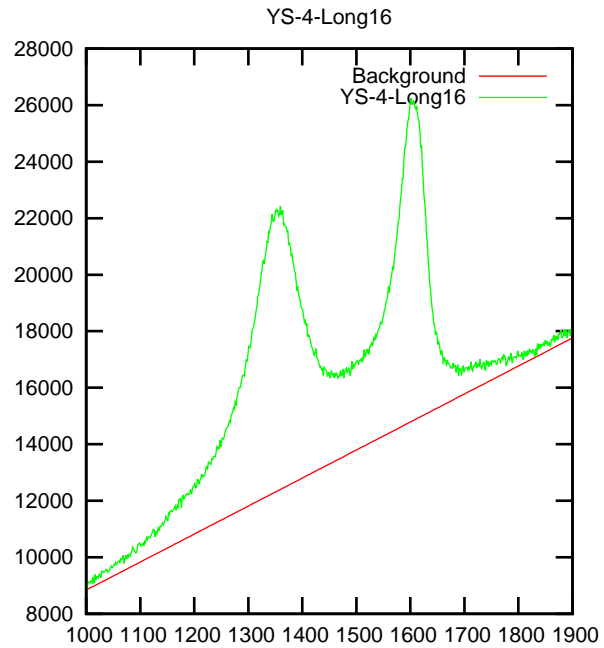
YS-4-Long12 after fitting - 389 iterations

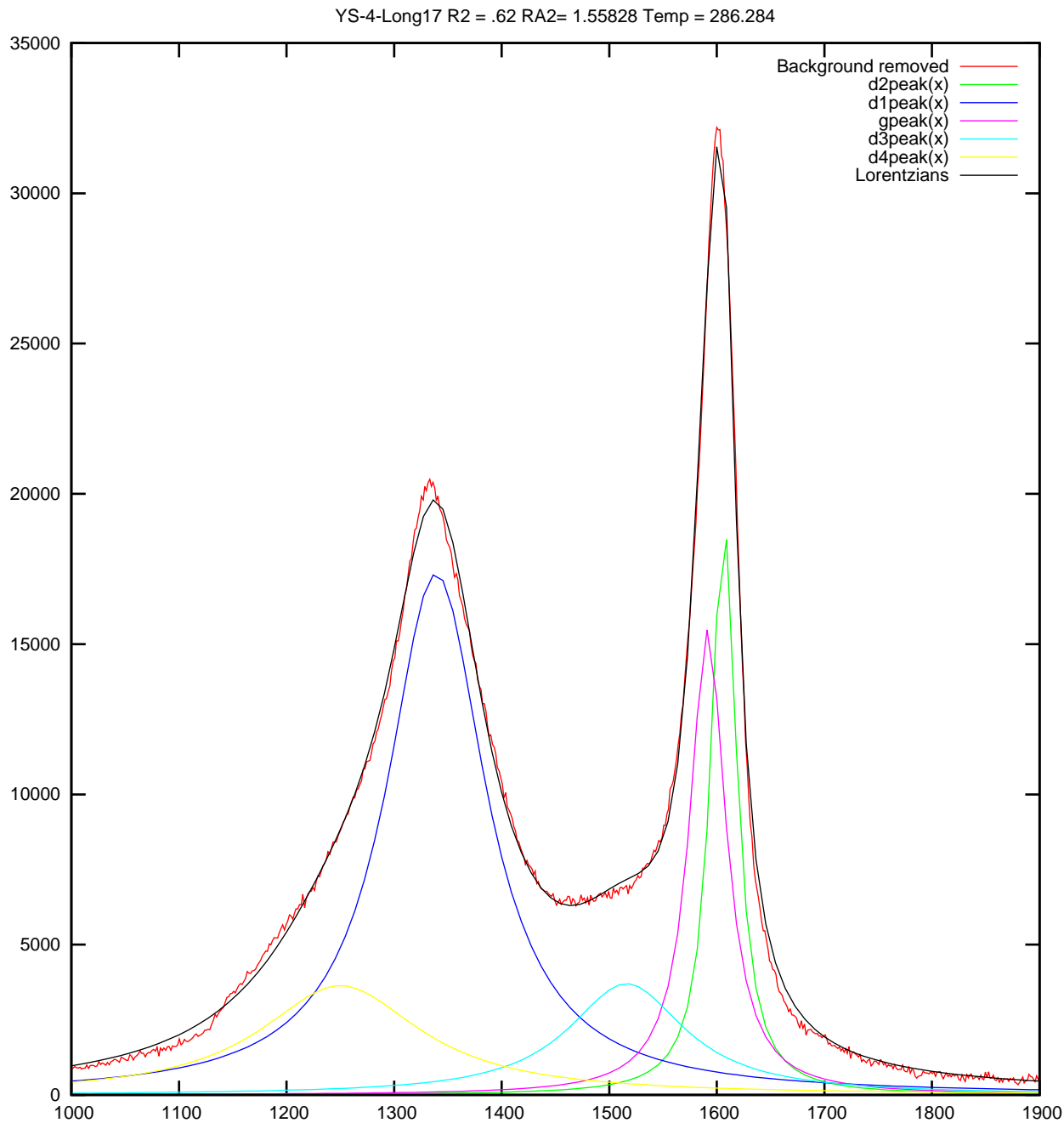
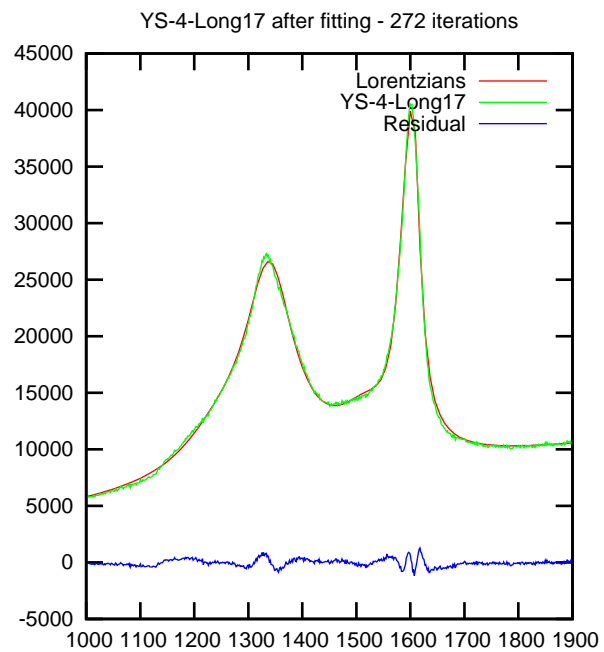
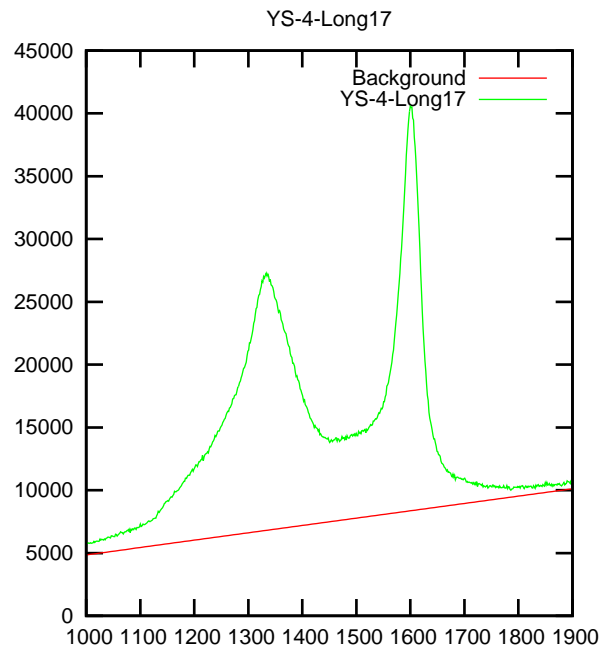


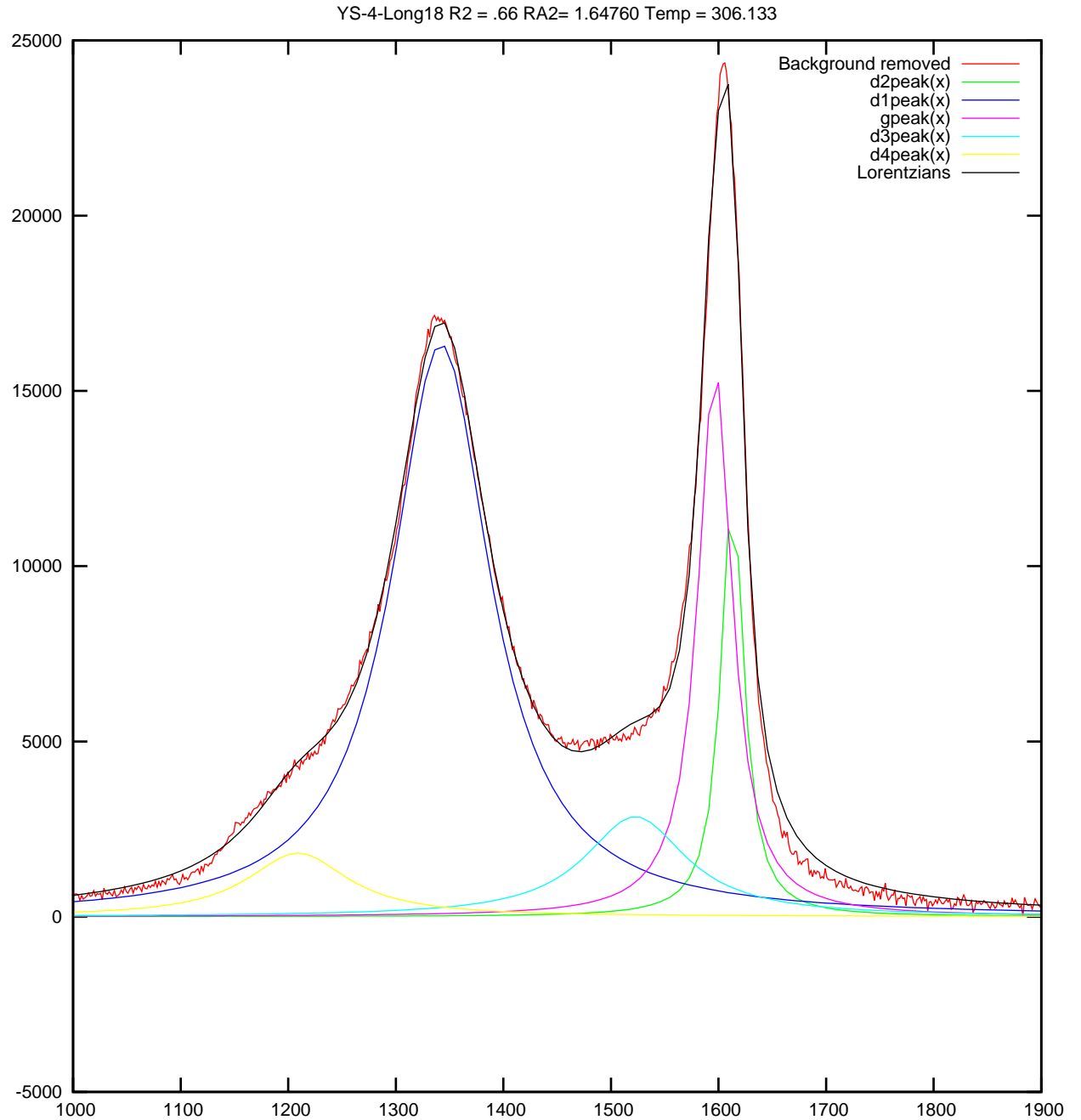
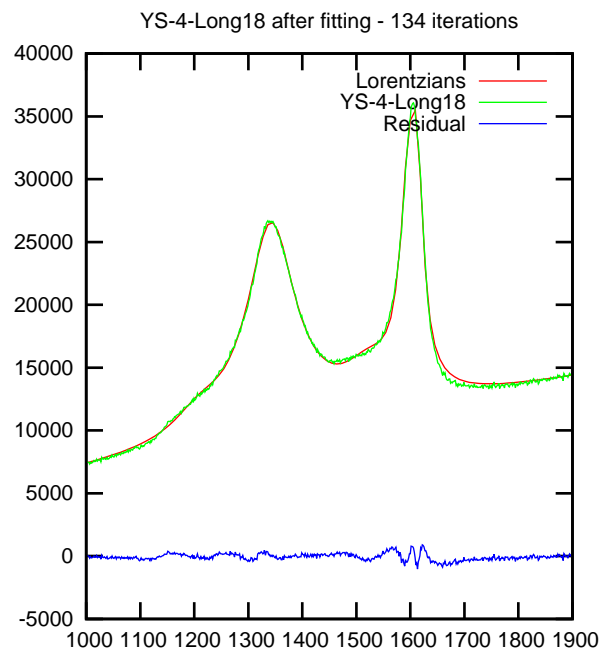
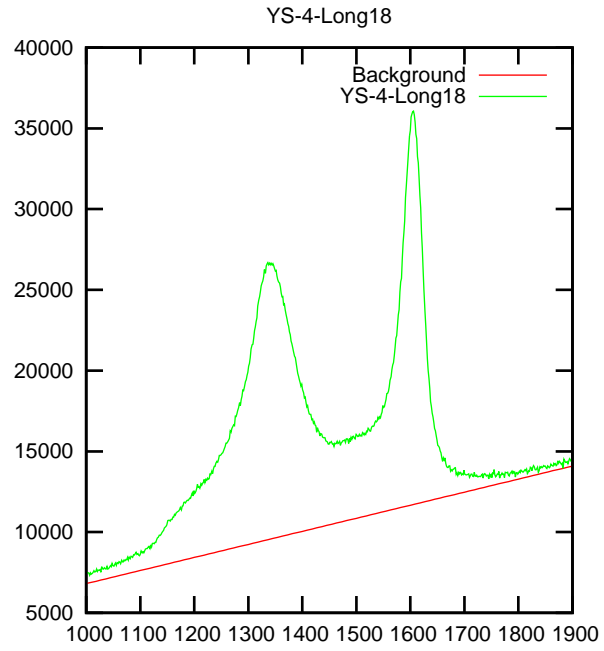


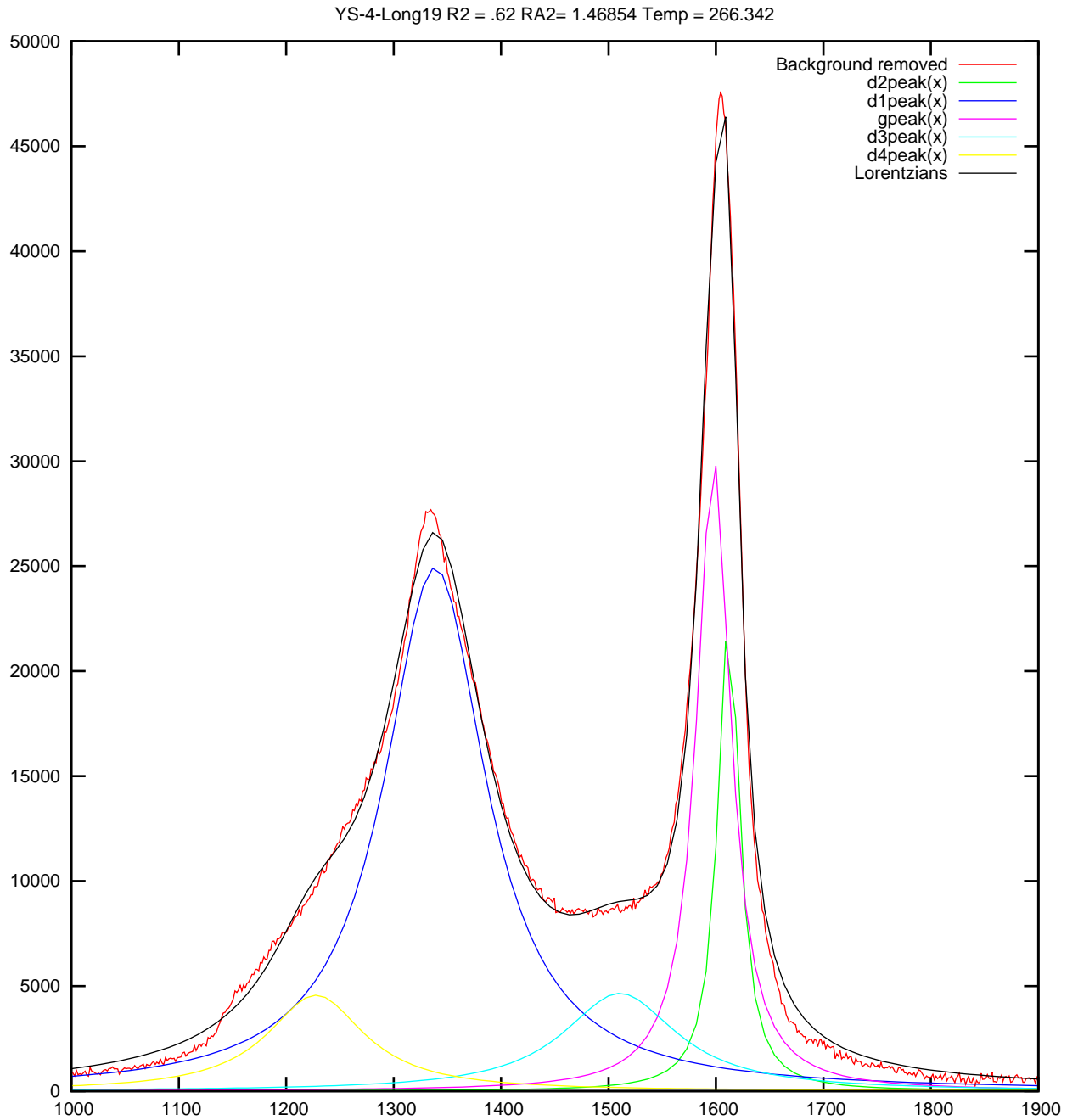
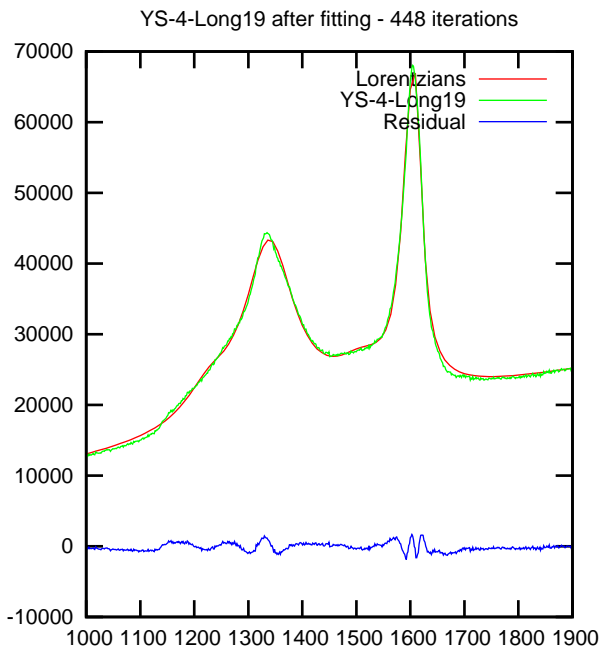
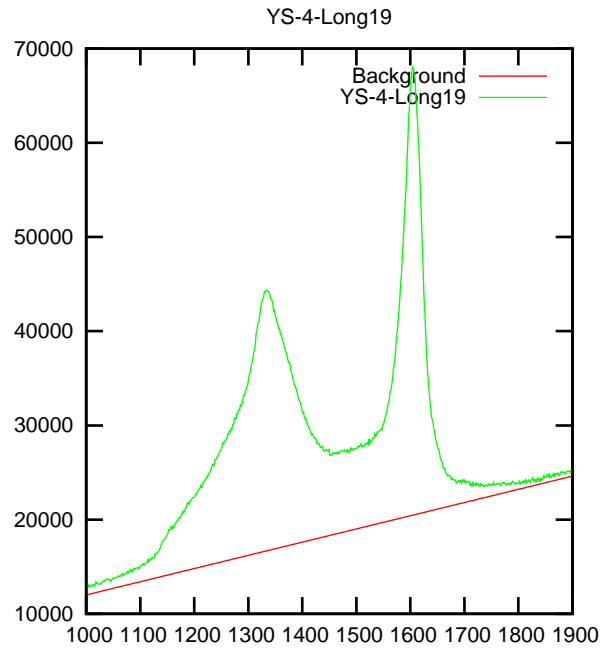


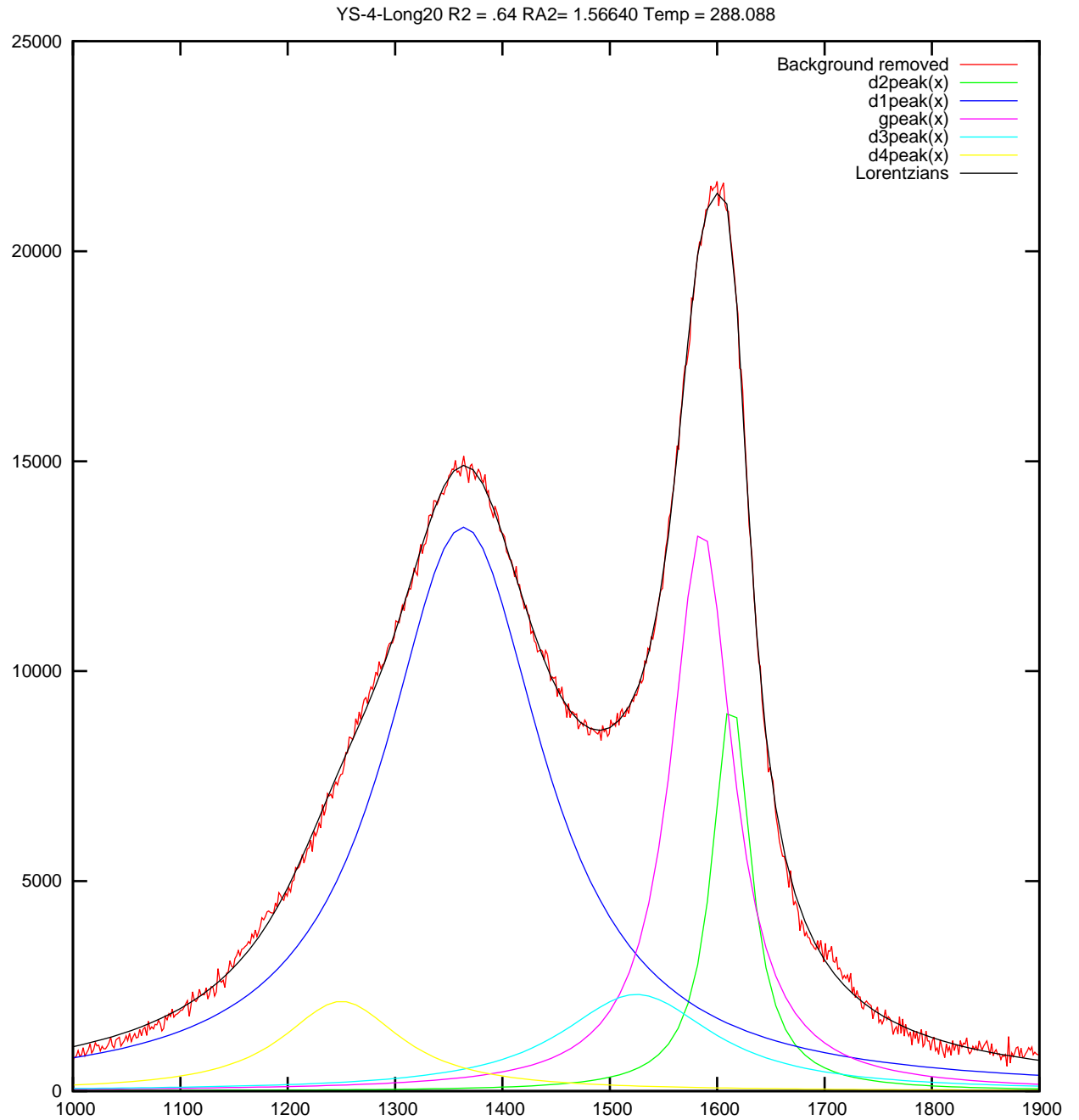
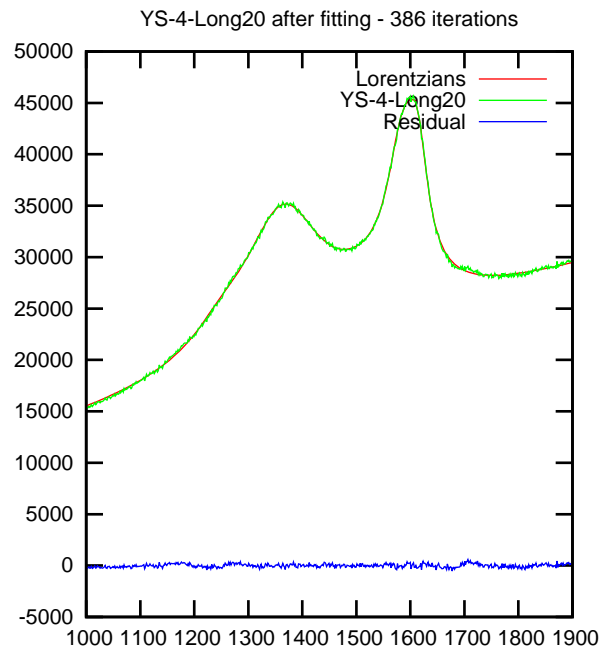
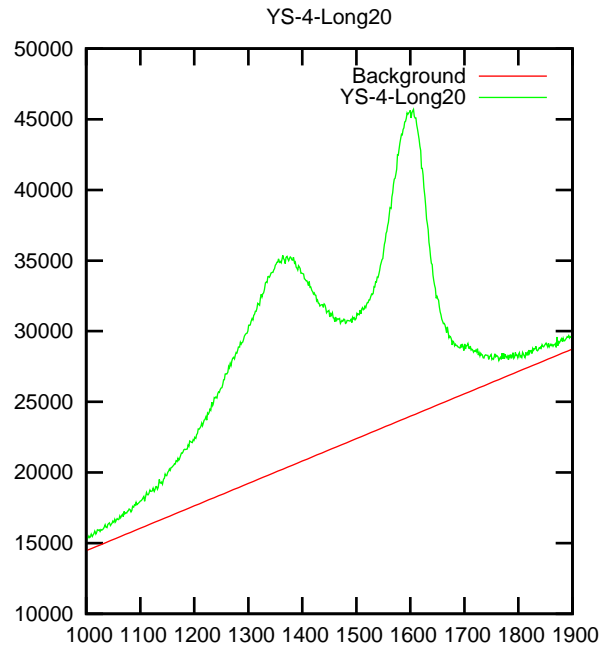


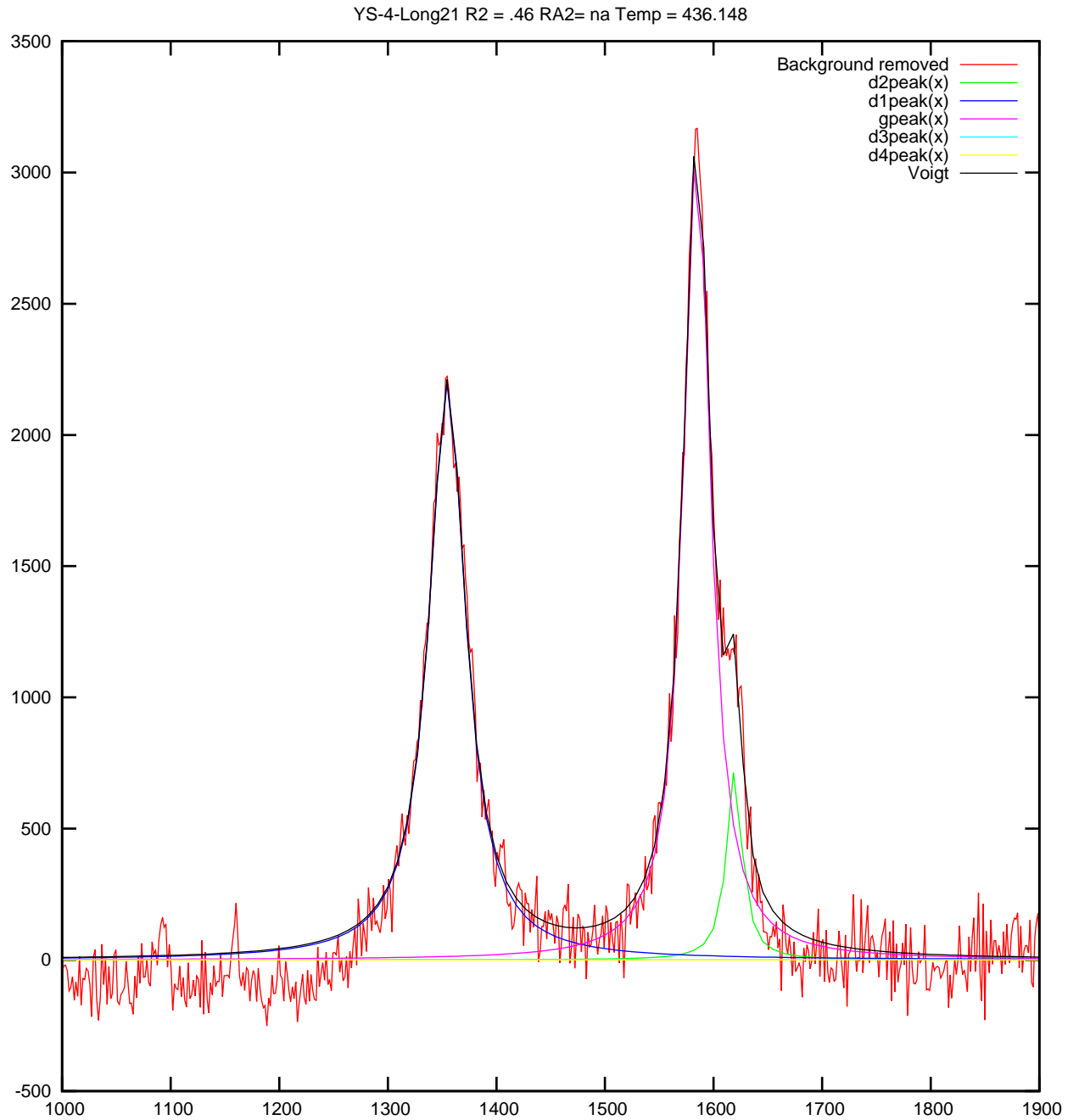
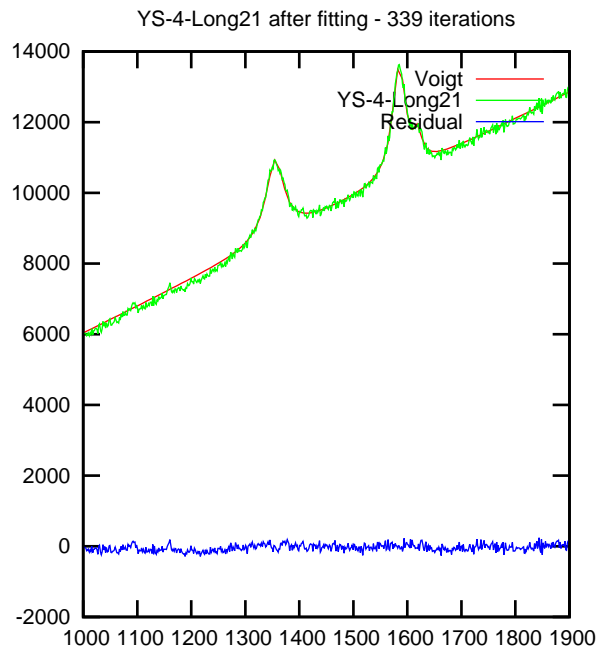
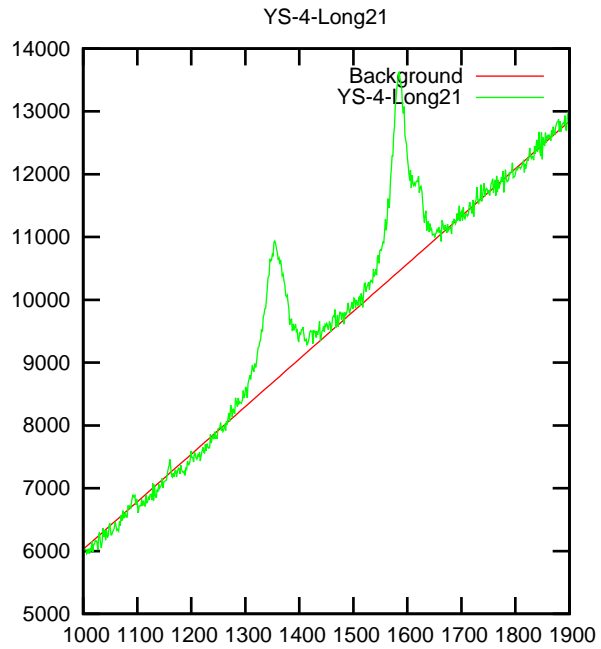


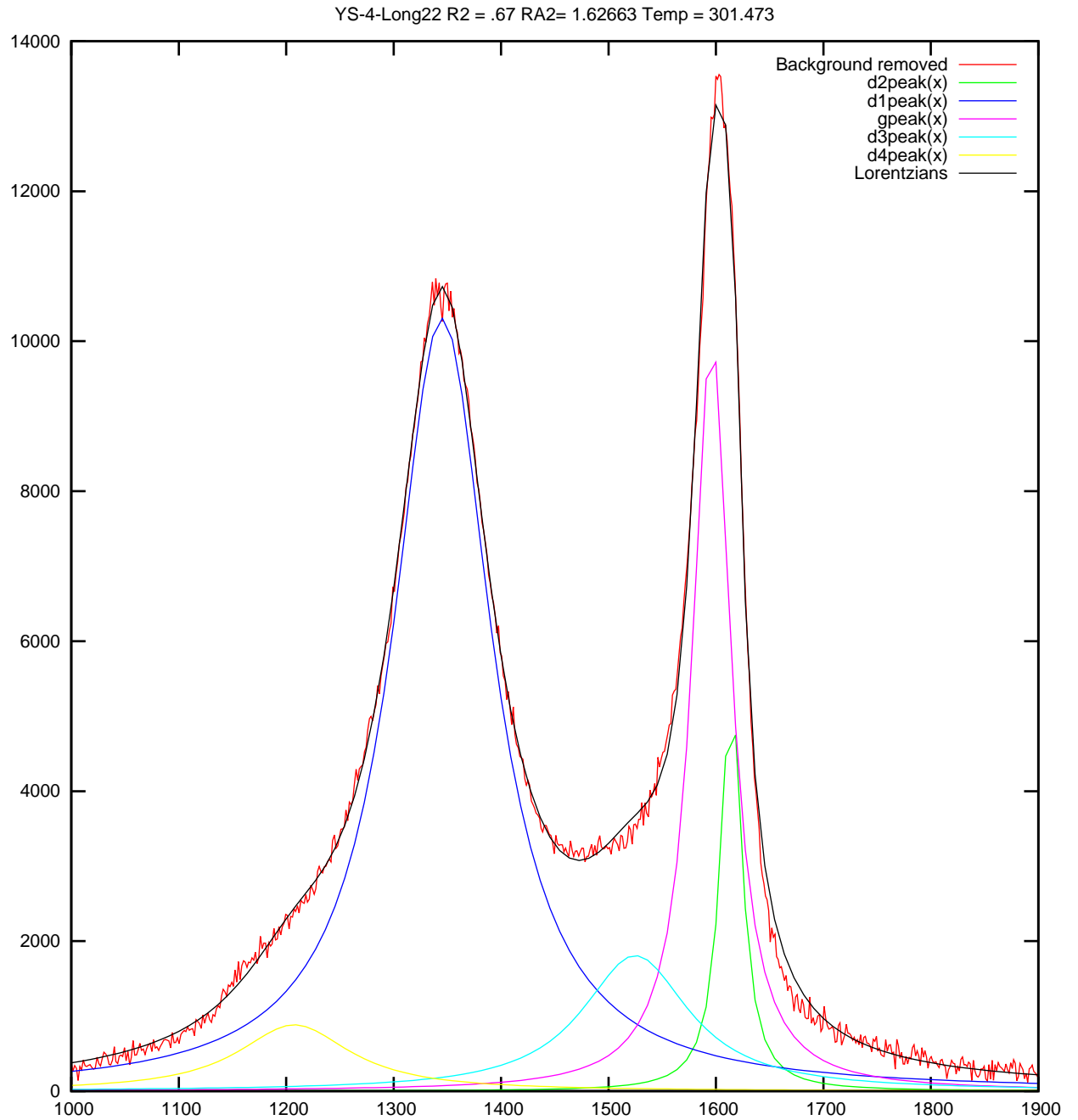
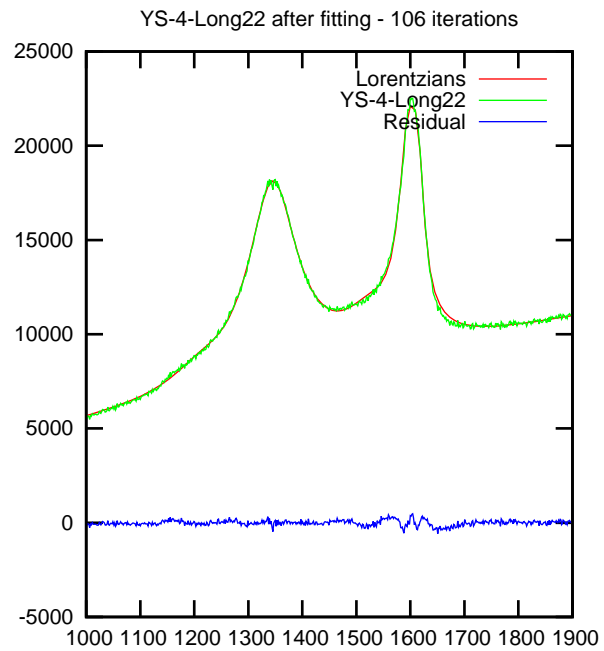
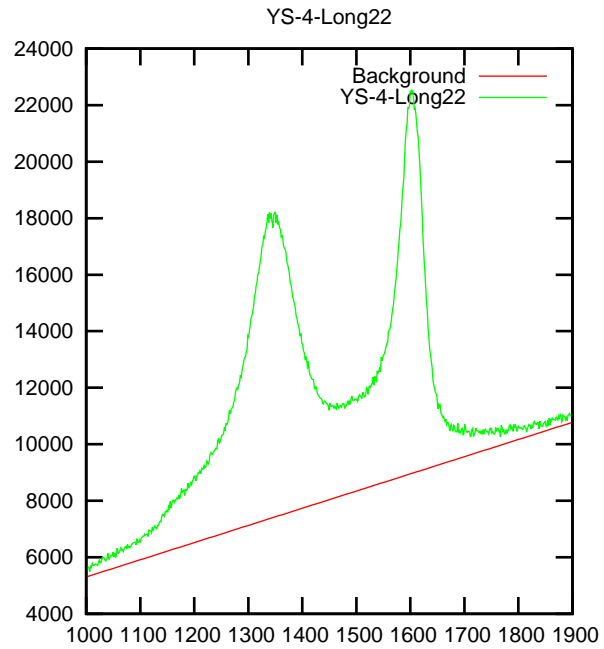


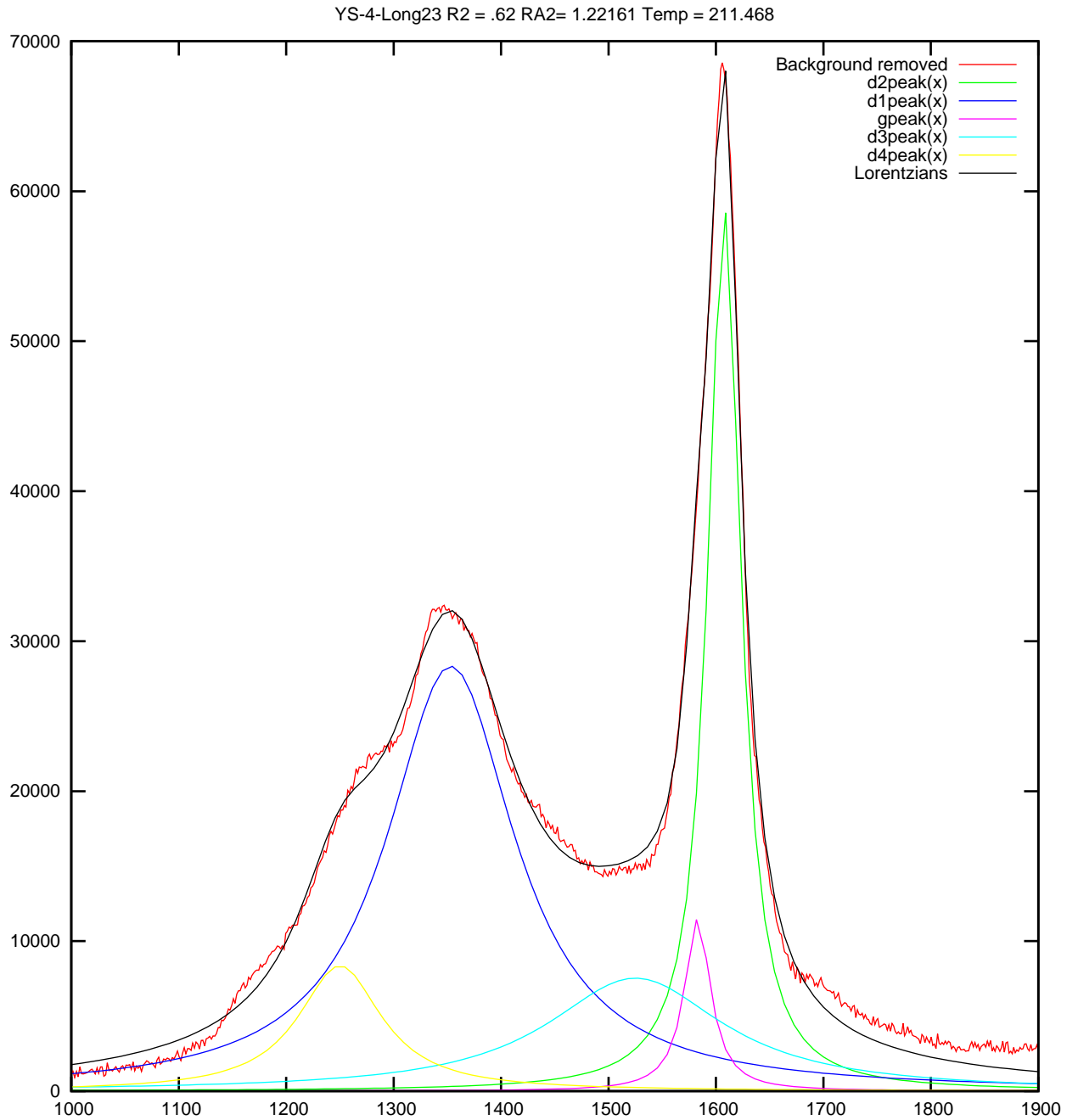
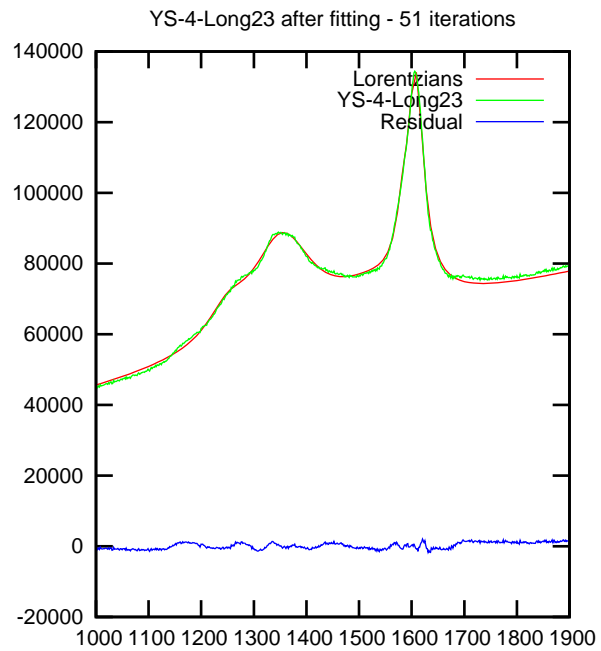
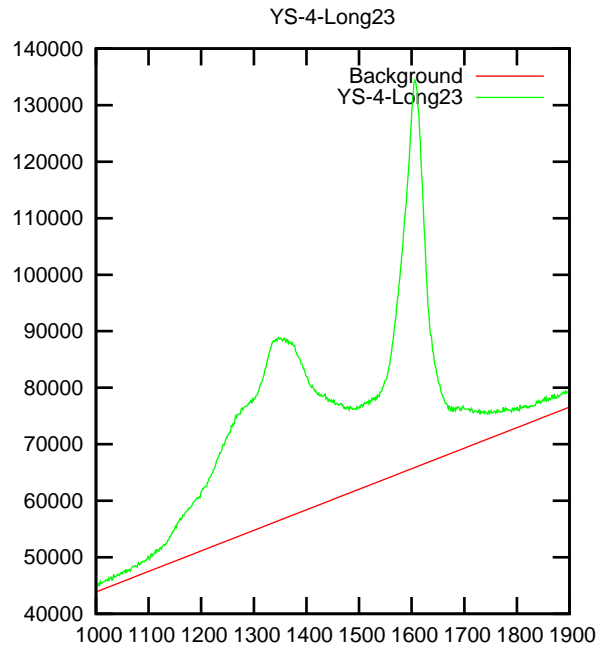




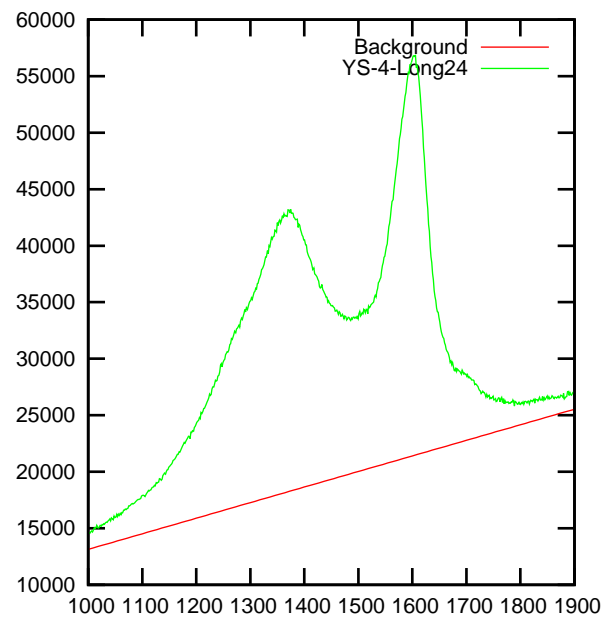




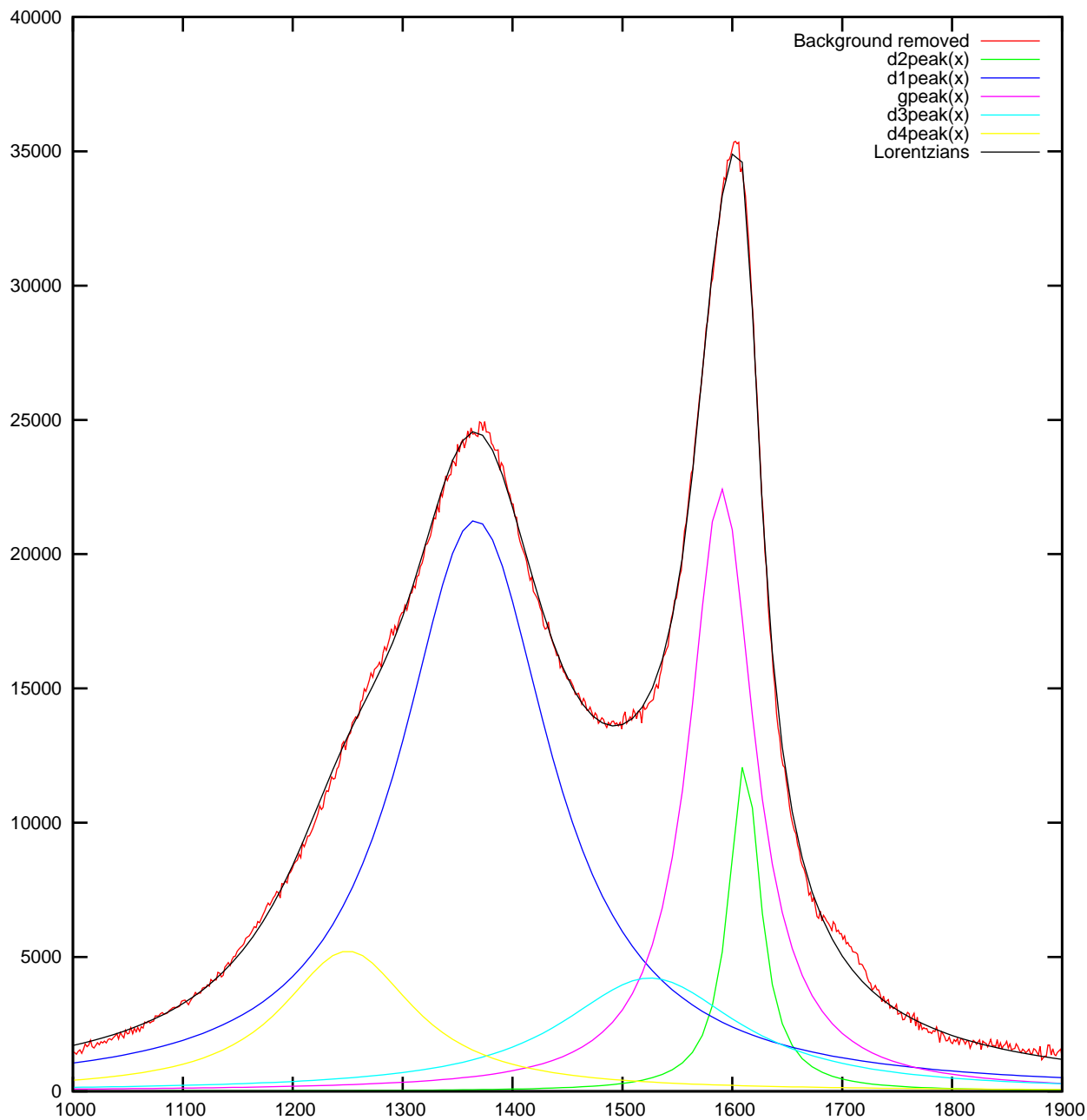




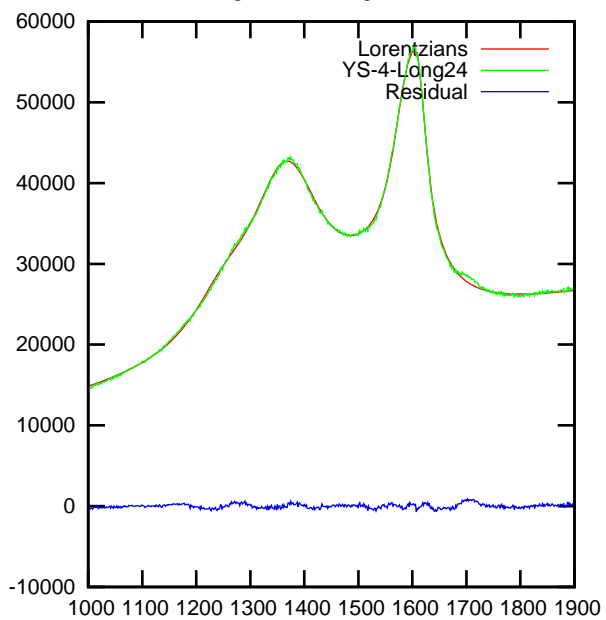
YS-4-Long24

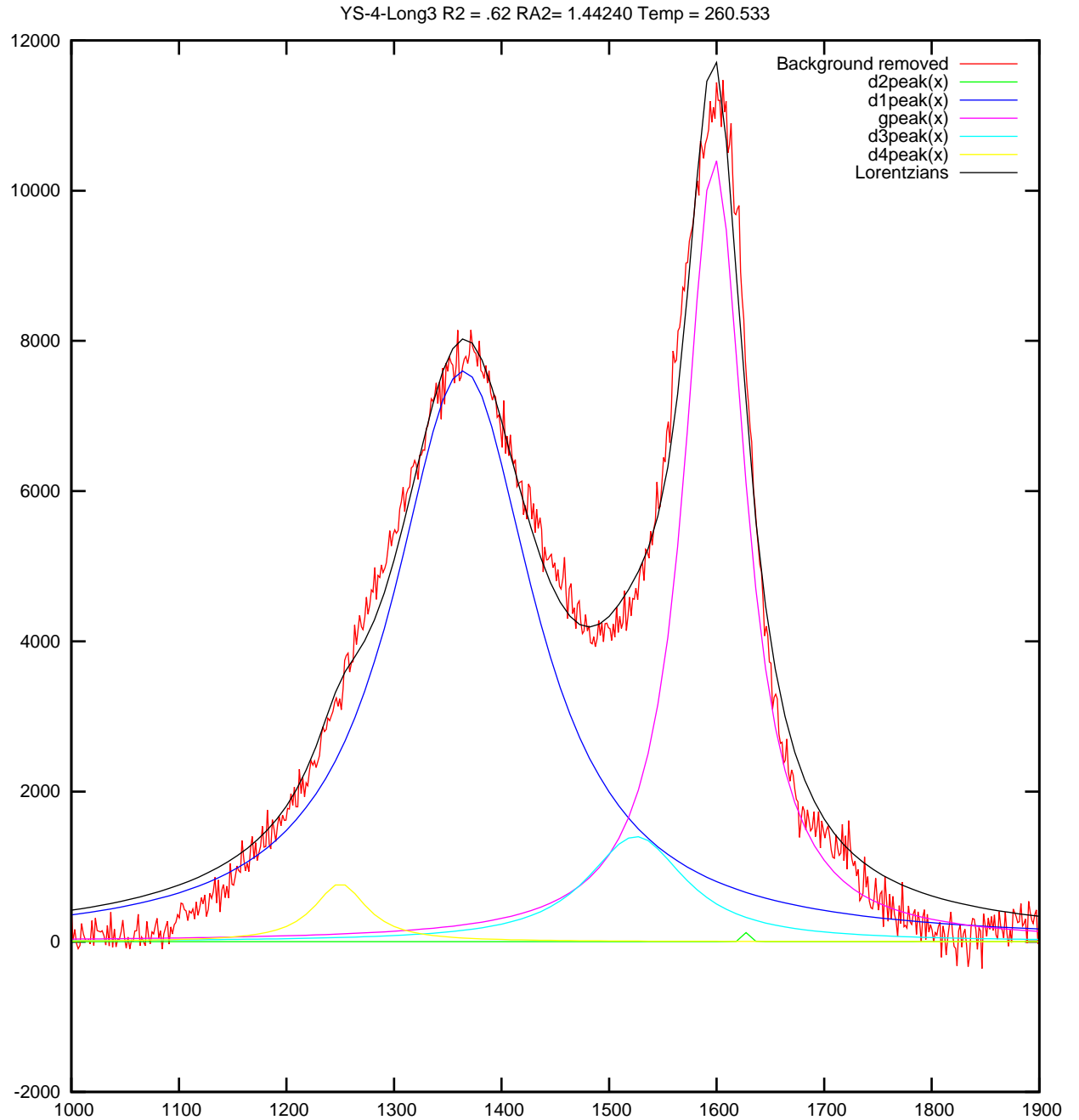
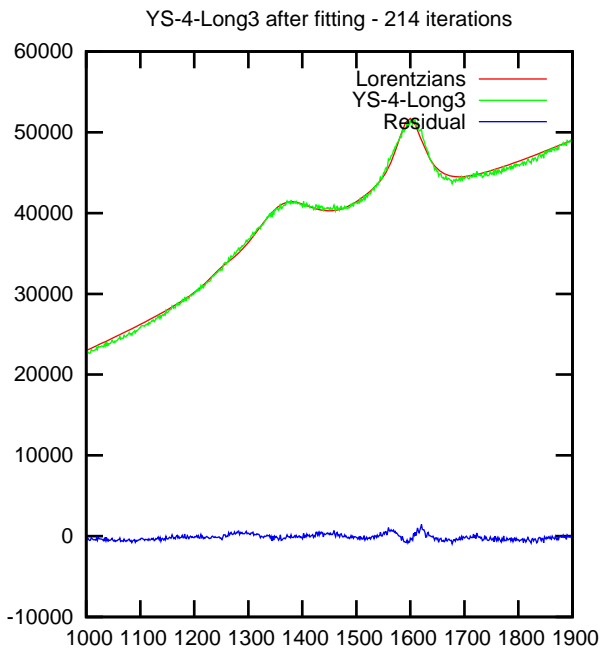
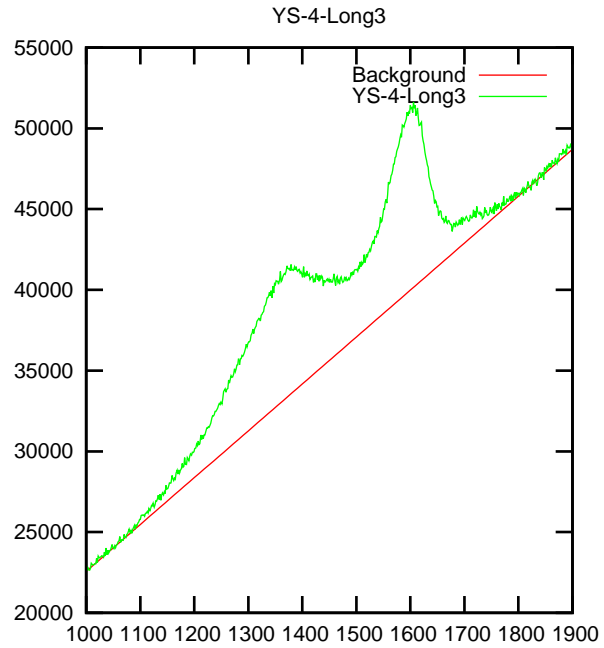


YS-4-Long24 R2 = .63 RA2= 1.49928 Temp = 273.173

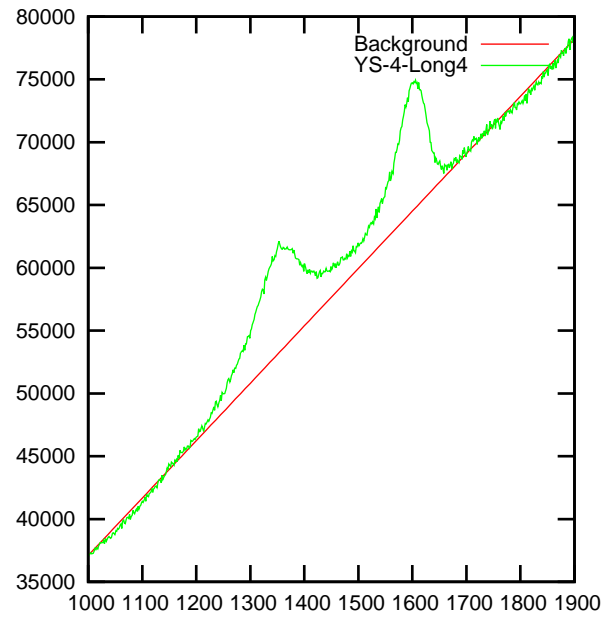


YS-4-Long24 after fitting - 252 iterations

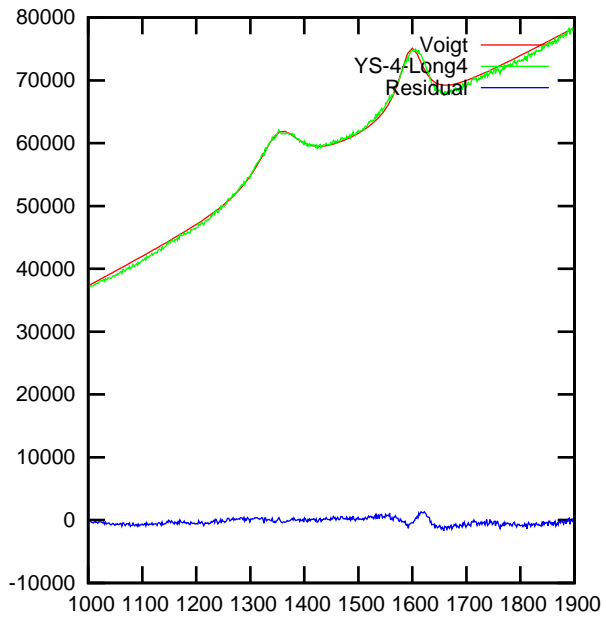




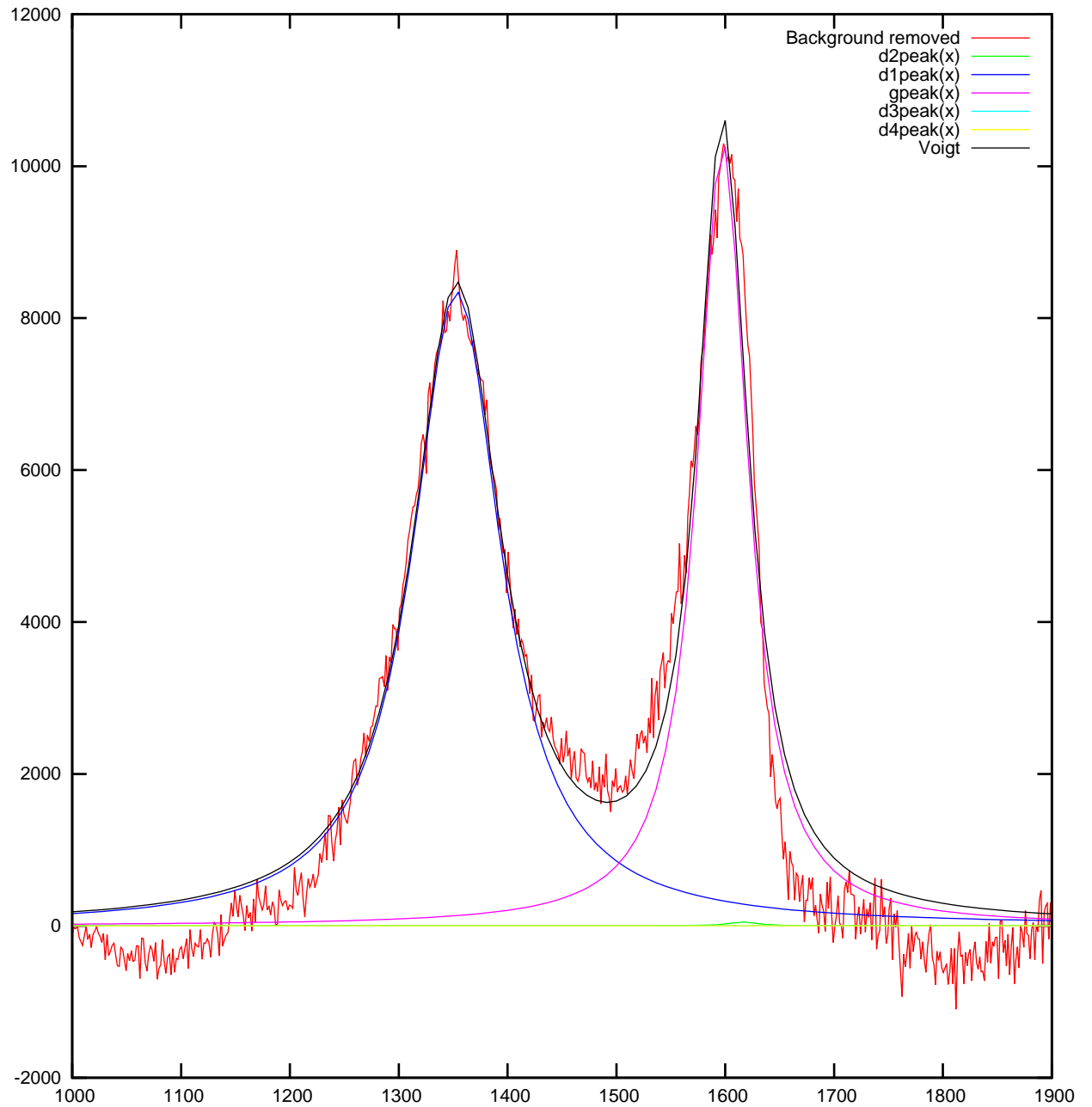
YS-4-Long4

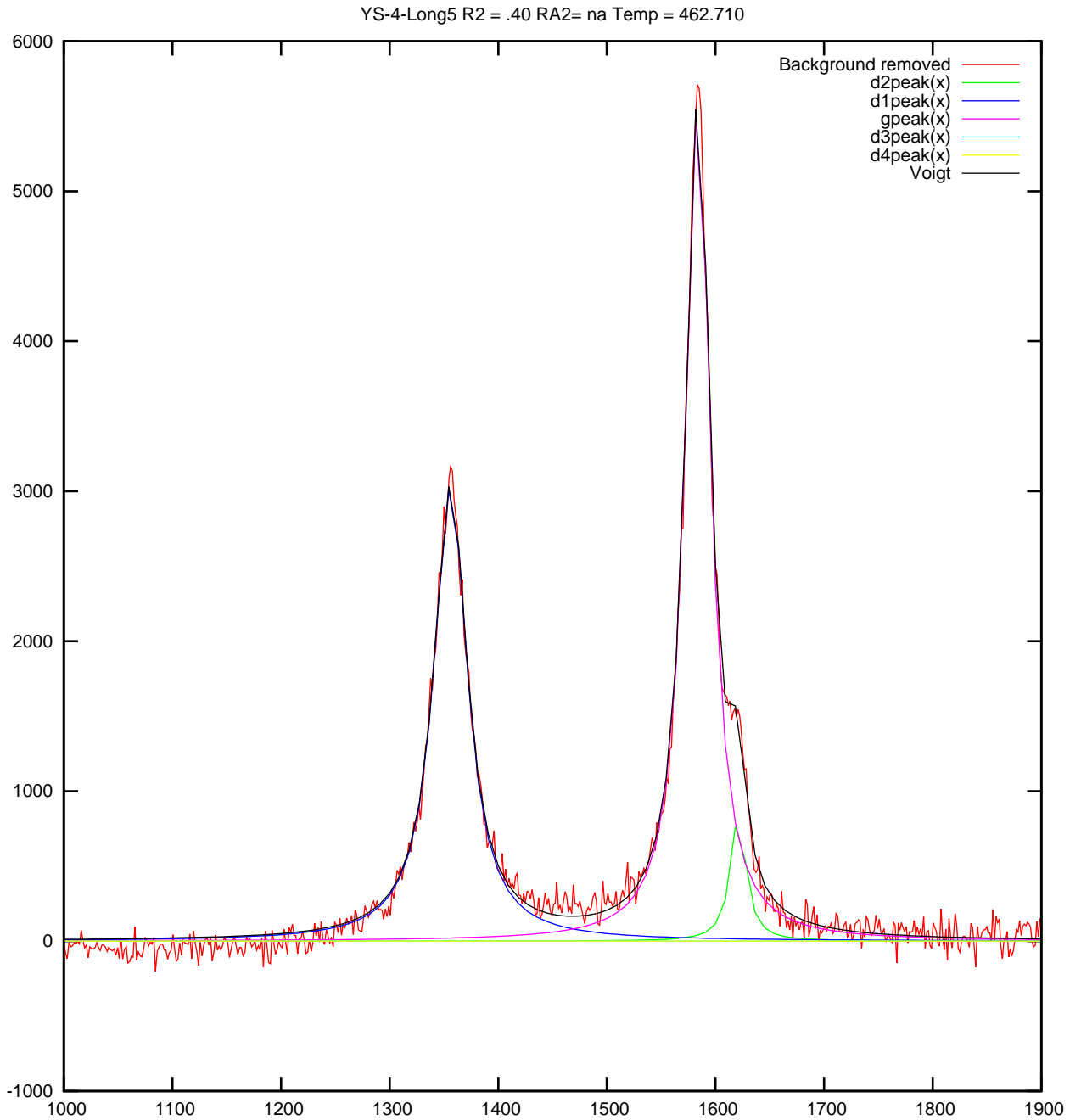
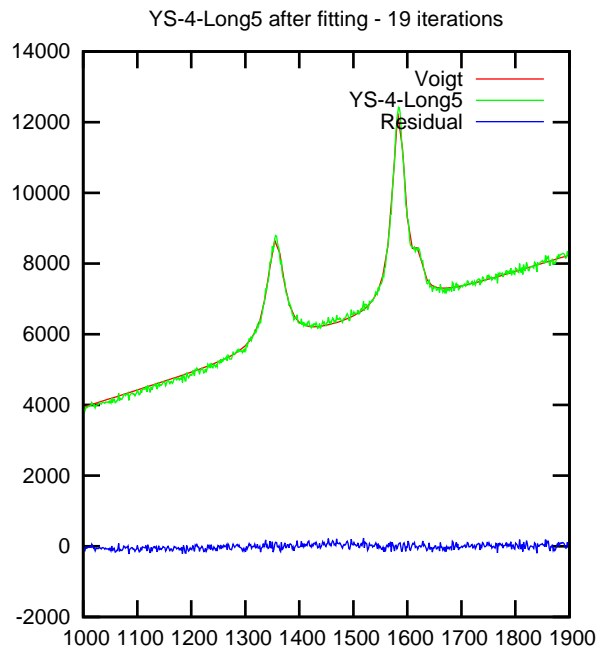
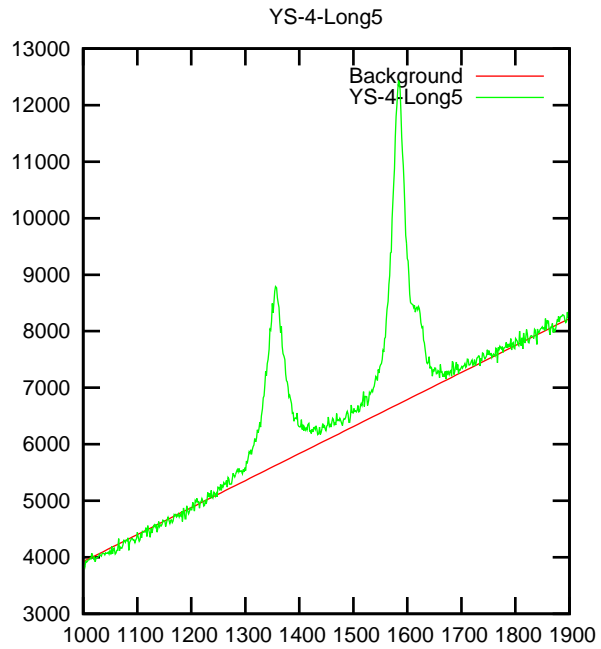


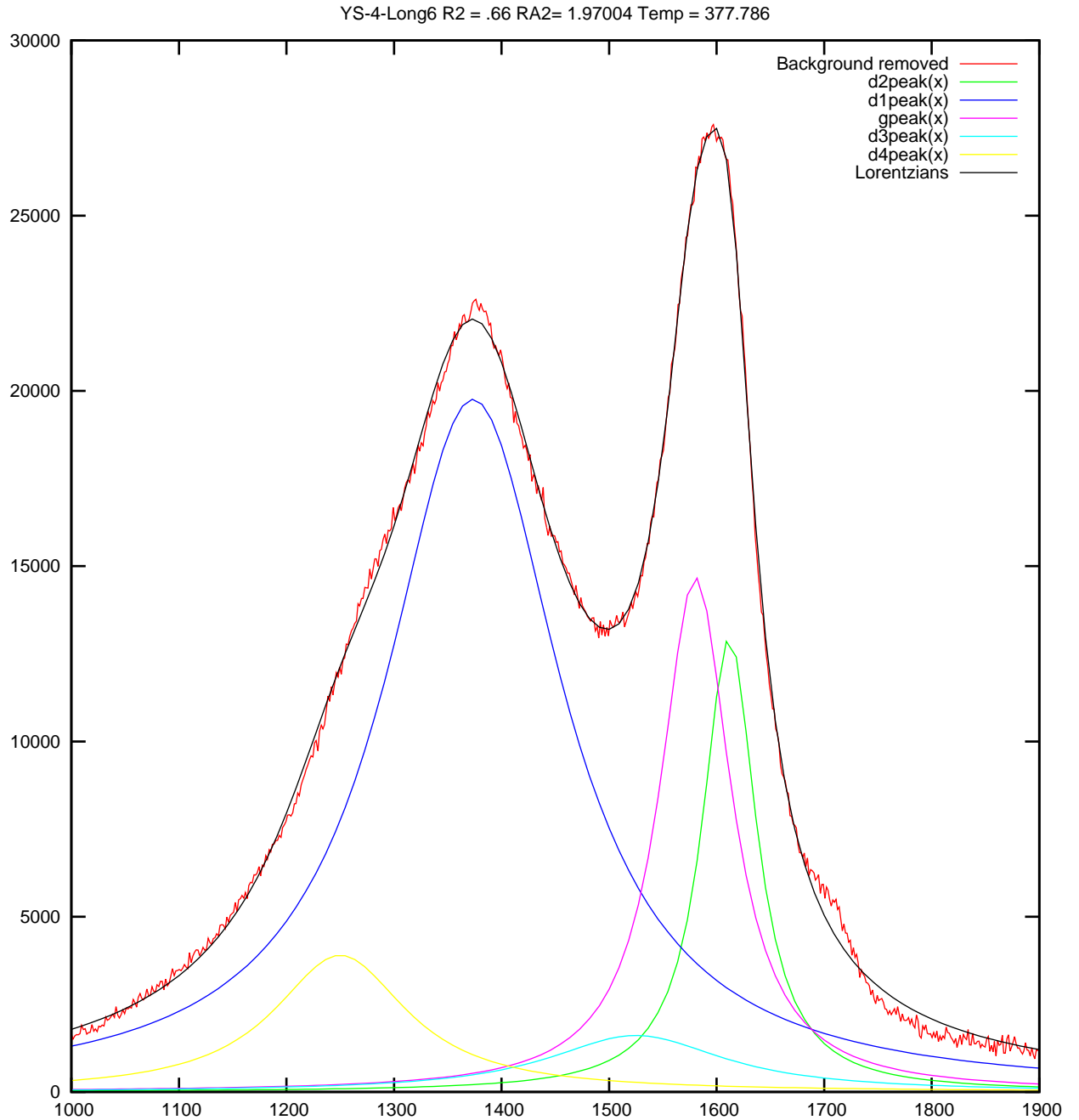
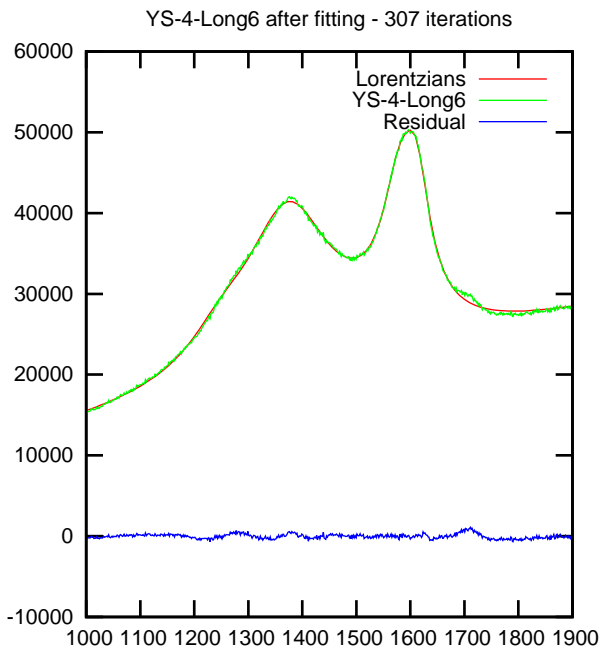
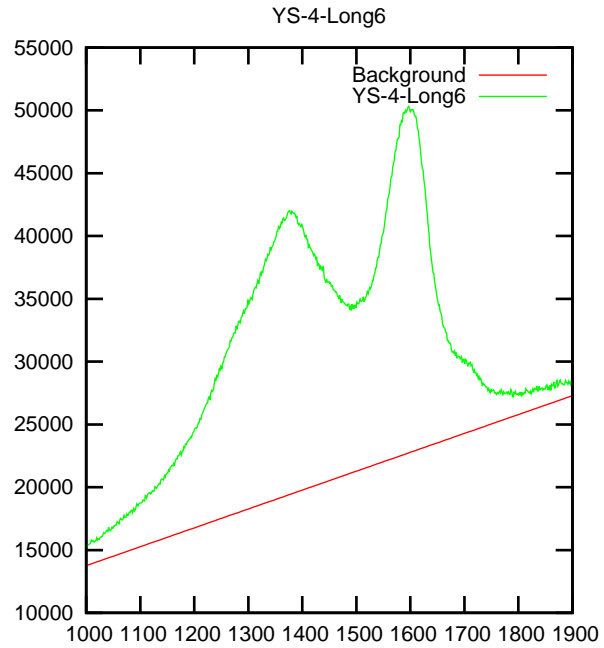
YS-4-Long4 after fitting - 217 iterations

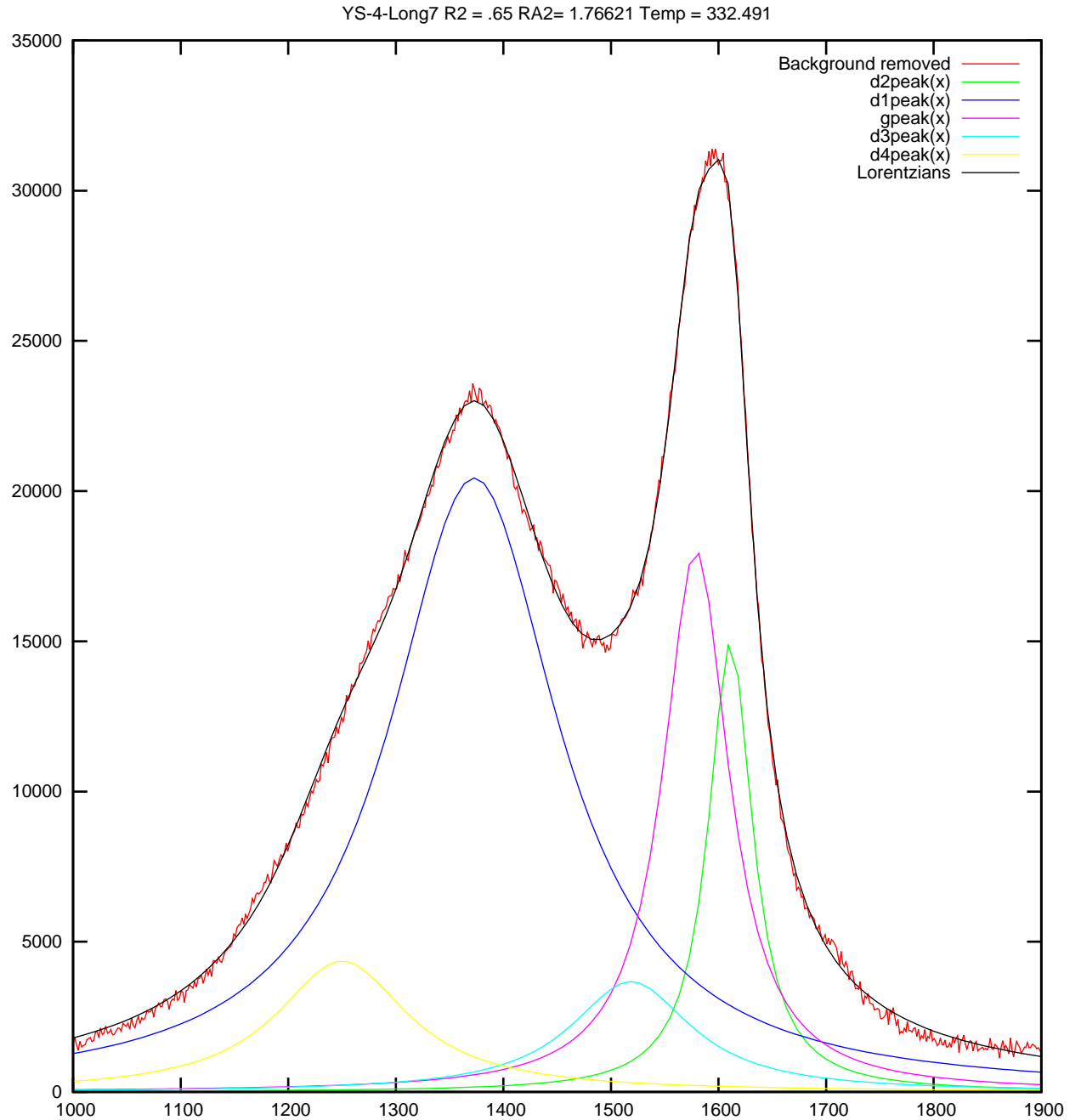
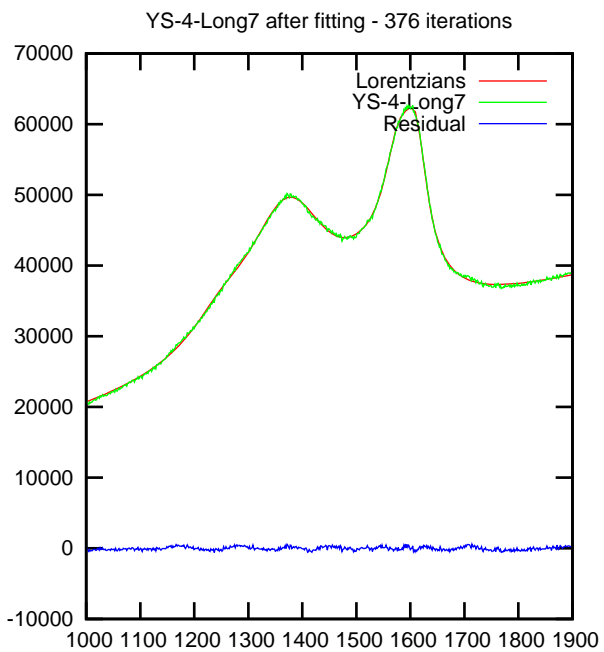
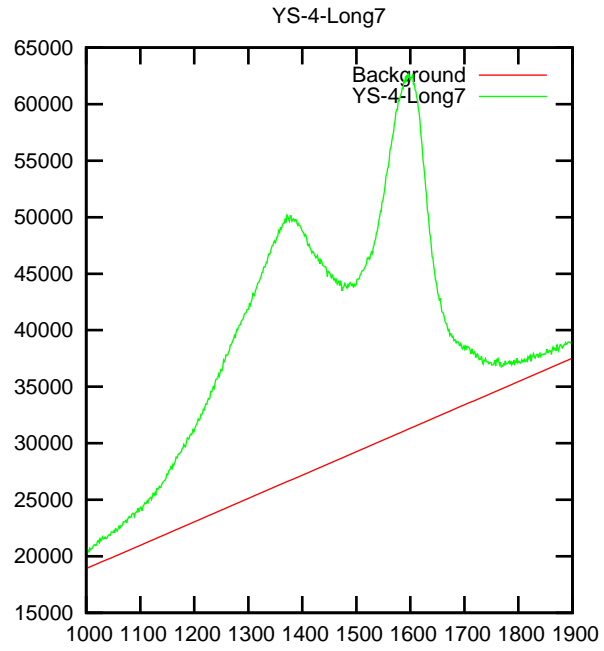


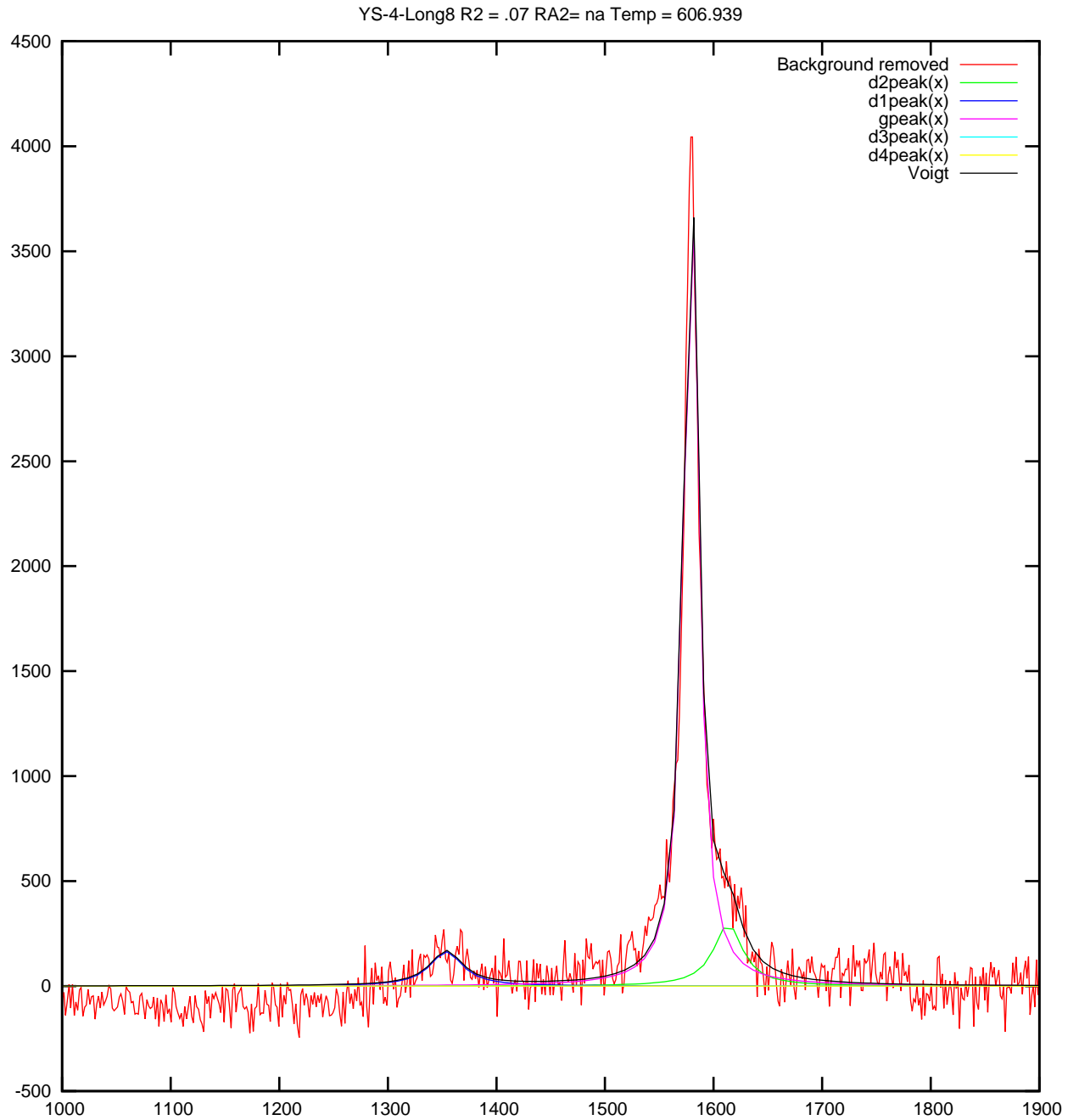
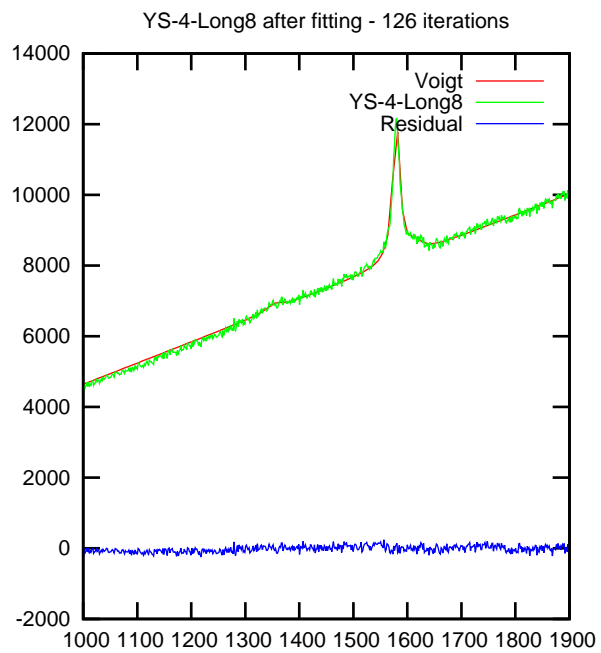
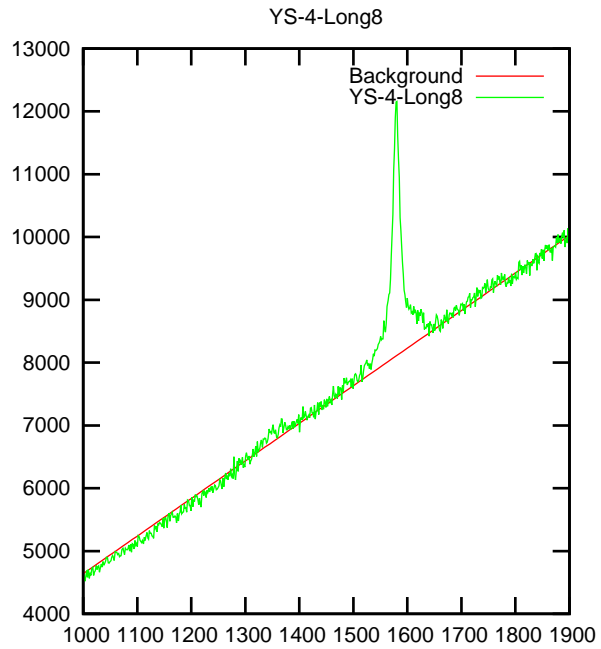
YS-4-Long4 R2 = .58 RA2= na Temp = 379.798



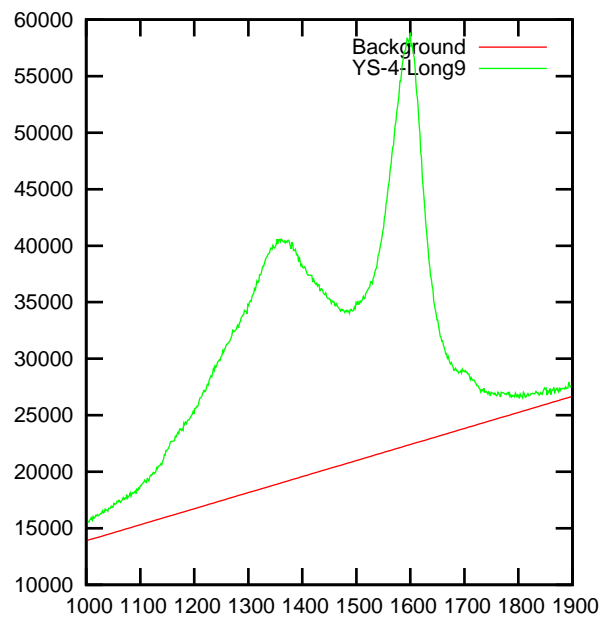




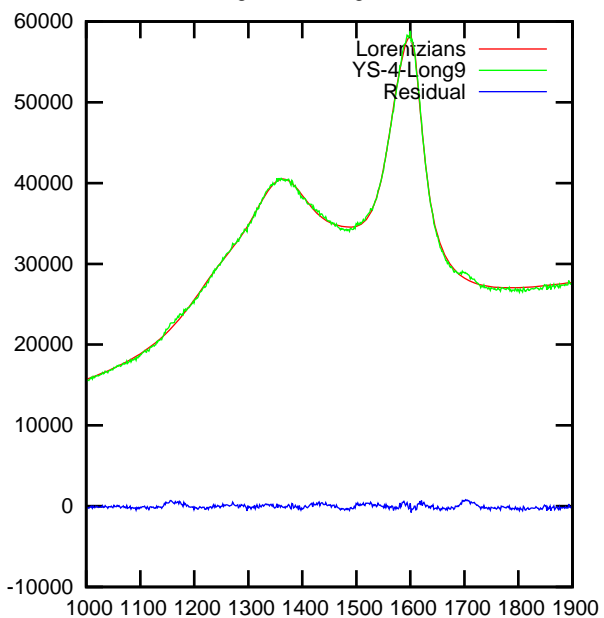




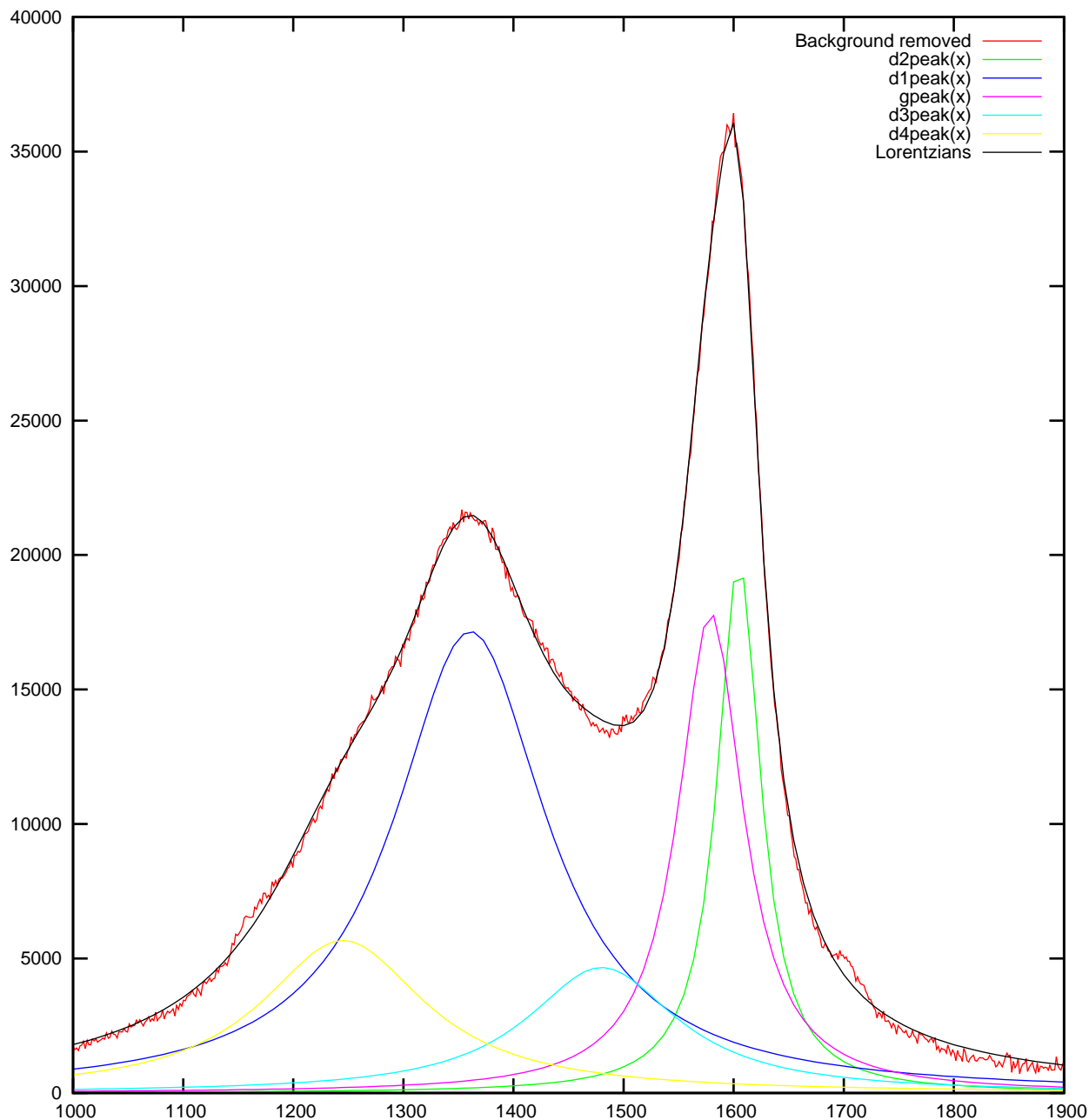
YS-4-Long9



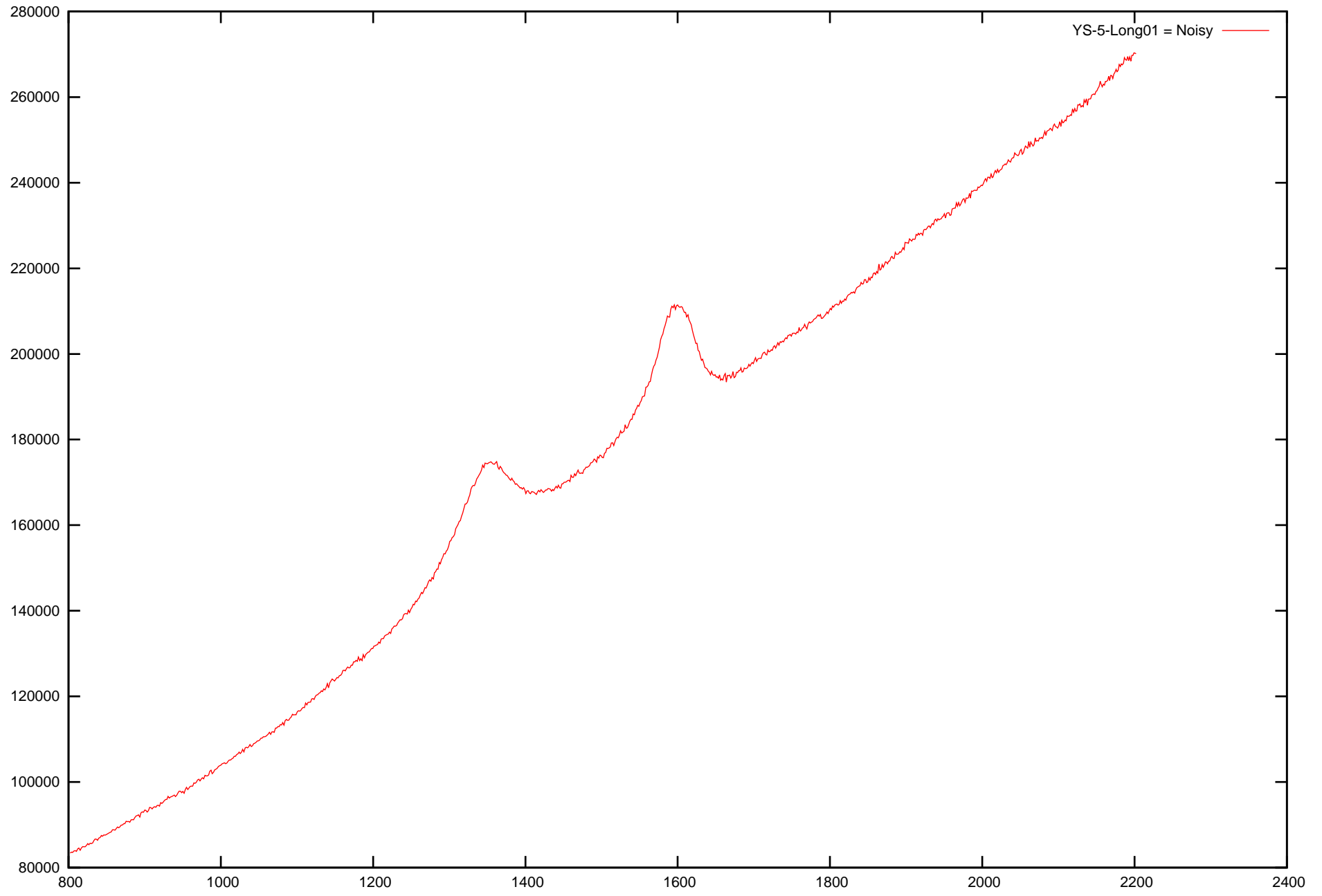
YS-4-Long9 after fitting - 668 iterations



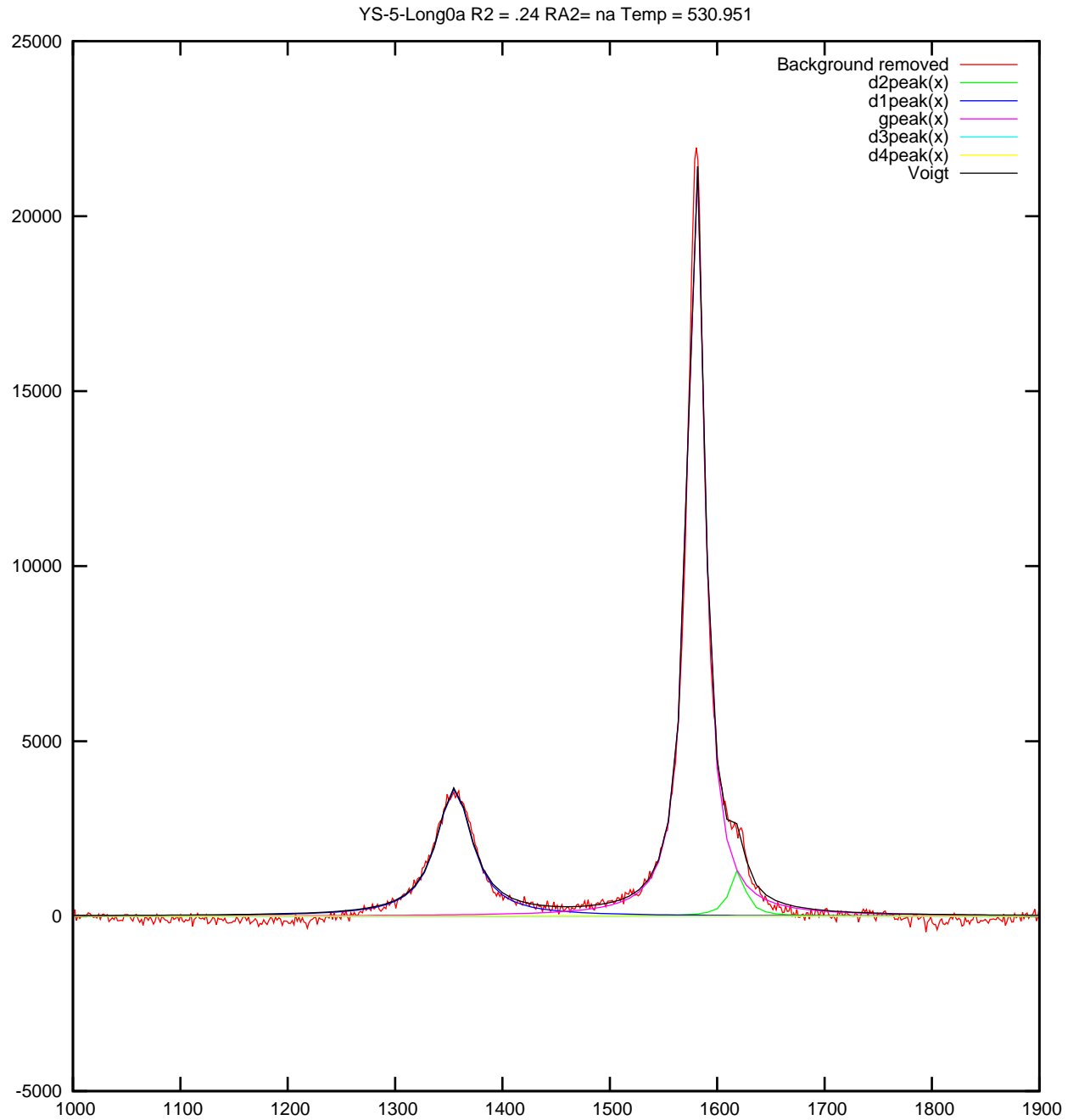
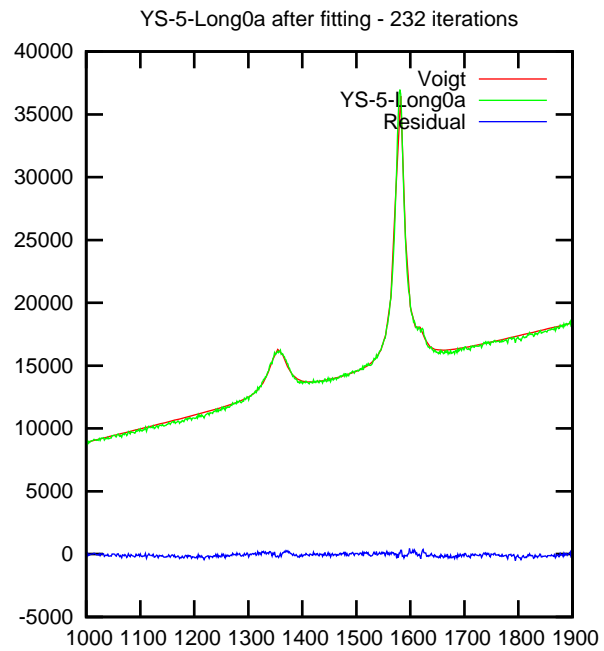
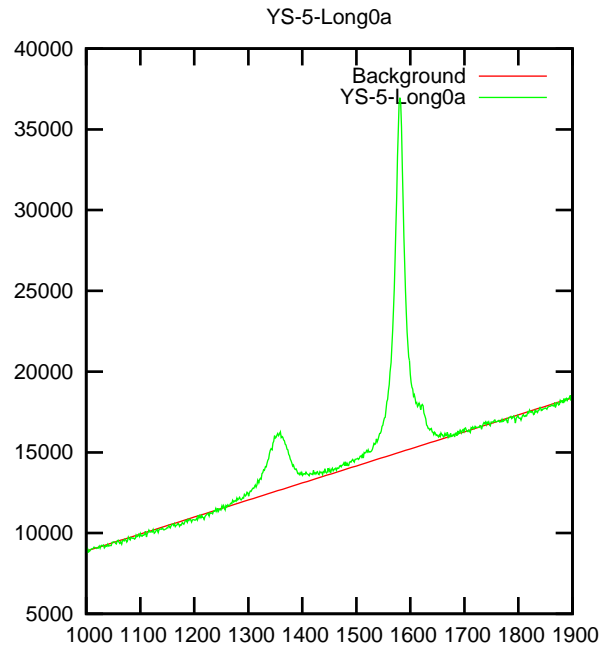
YS-4-Long9 R2 = .56 RA2= 1.30703 Temp = 230.451



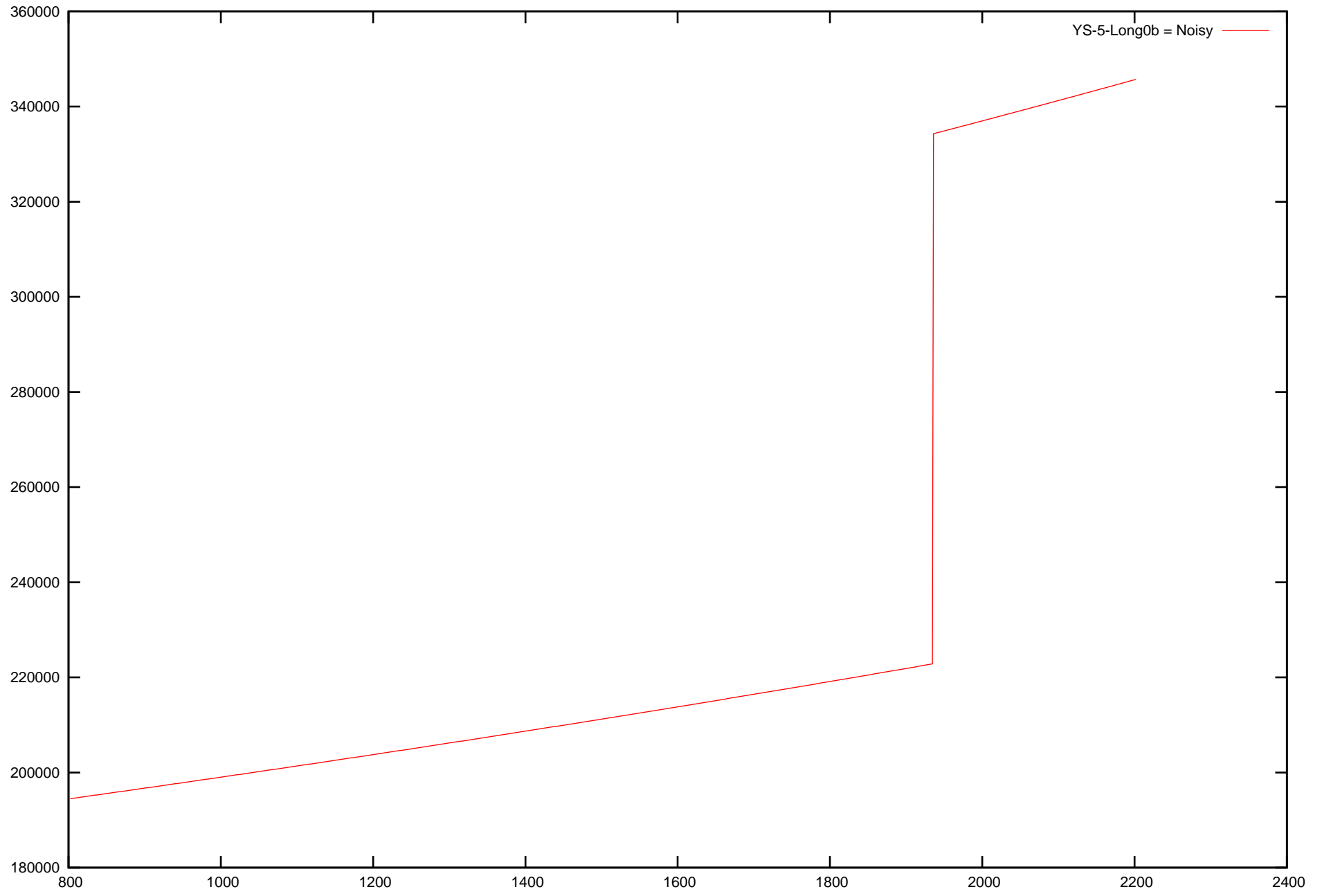
YS-5-Long01 = Noisy

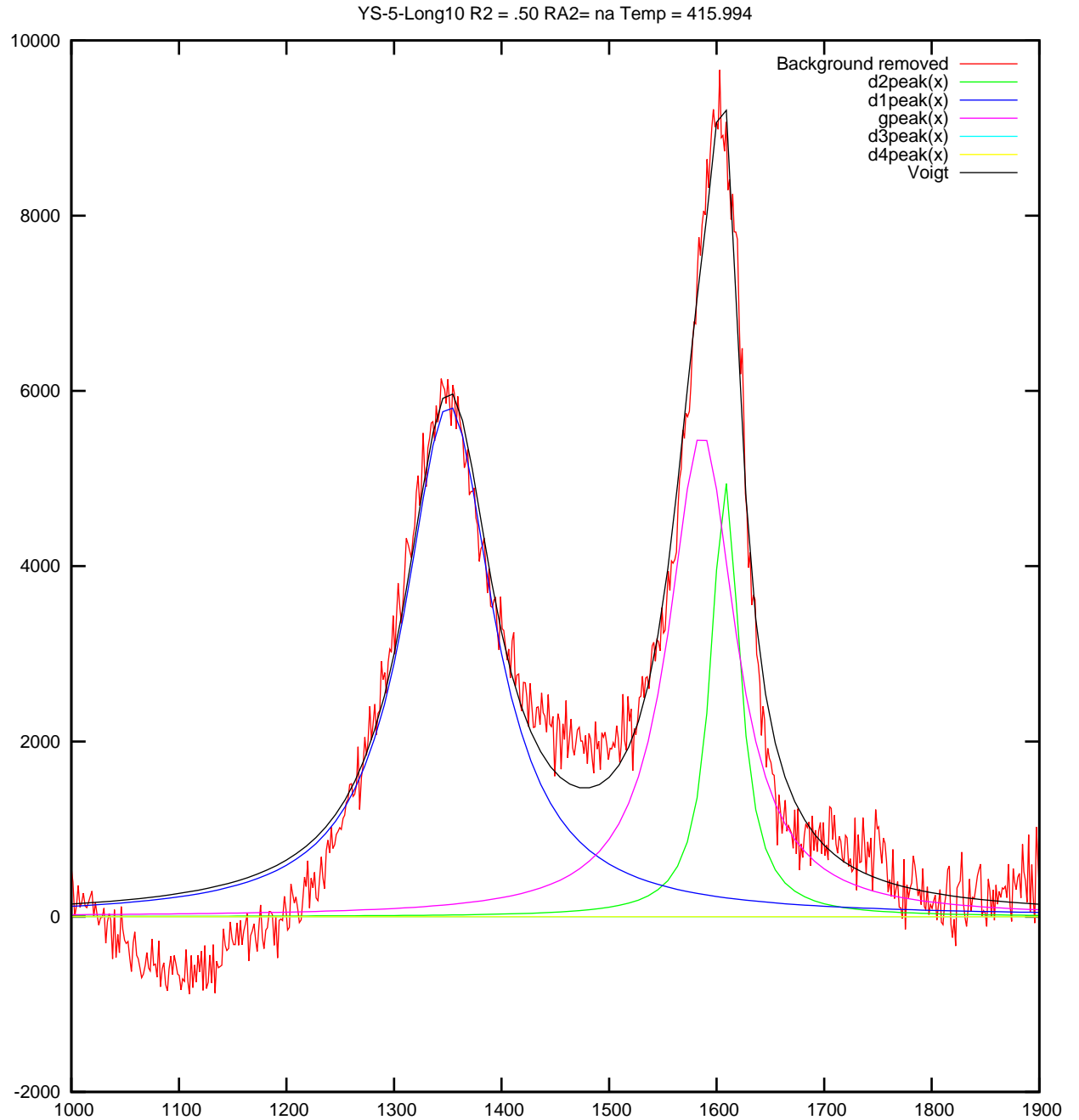
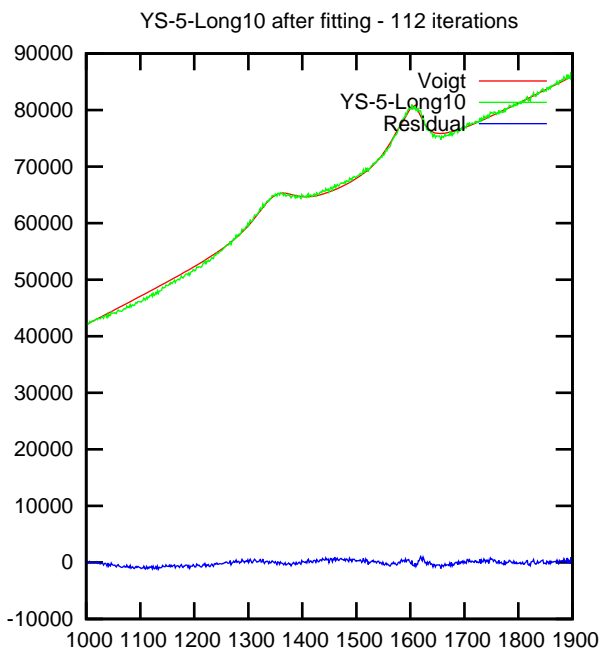
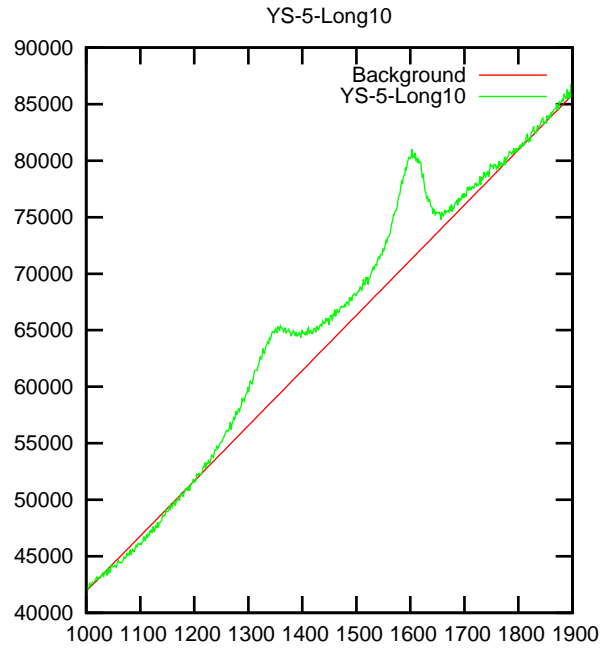


YS-5-Long01 = Noisy

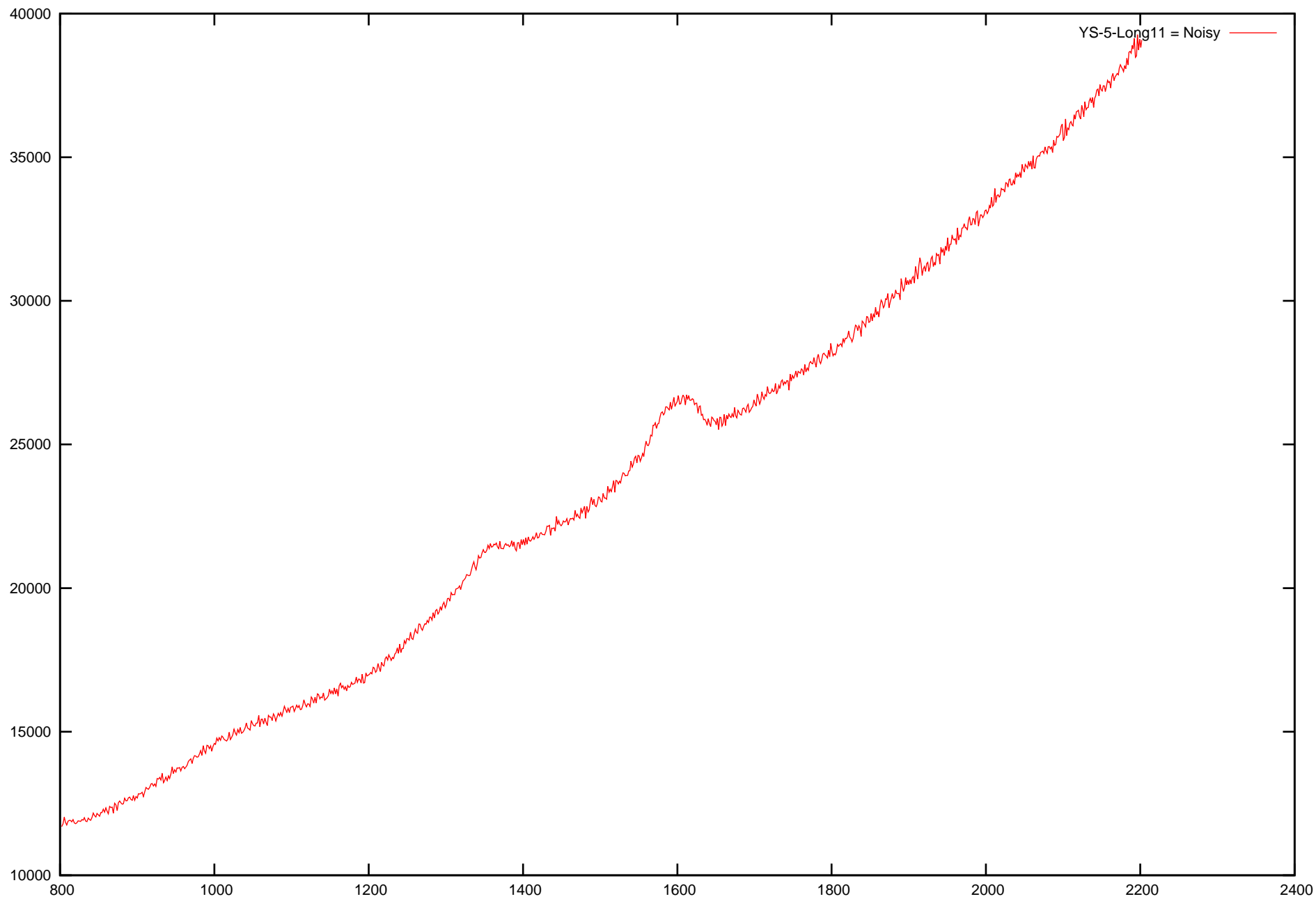


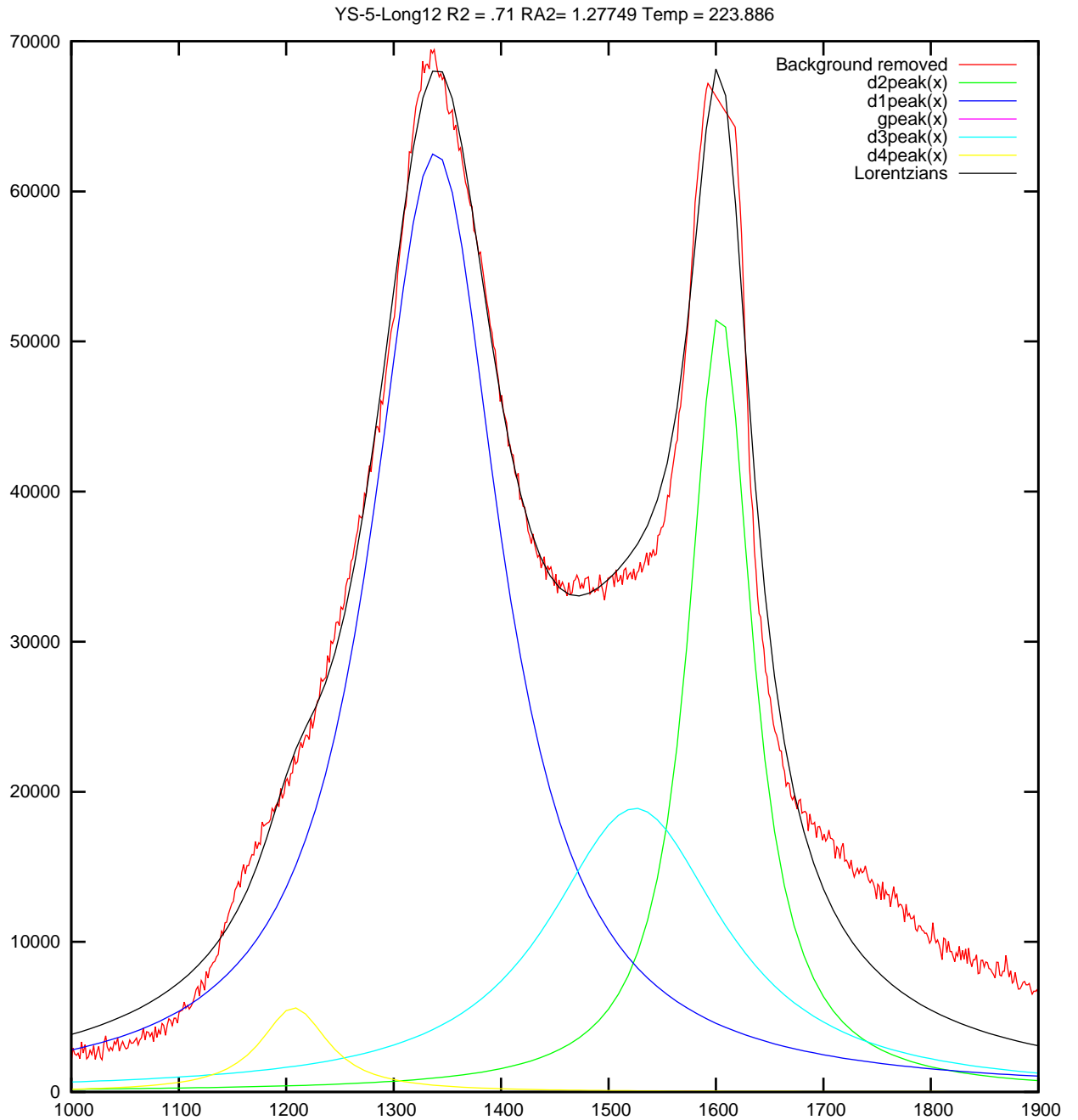
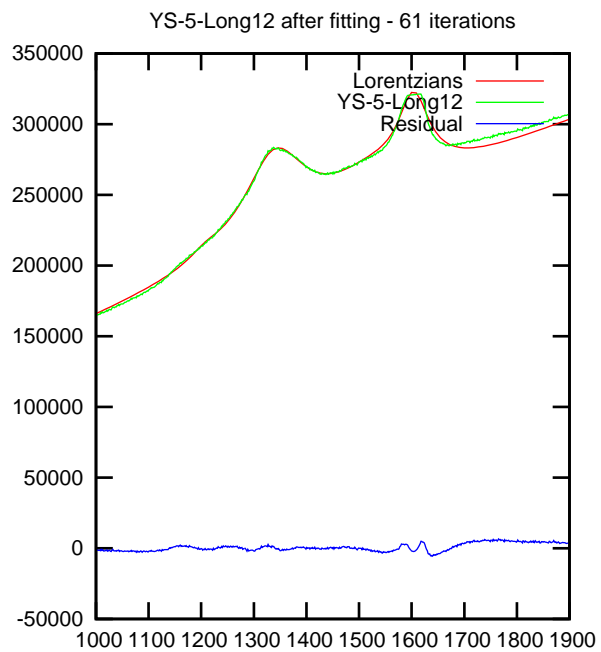
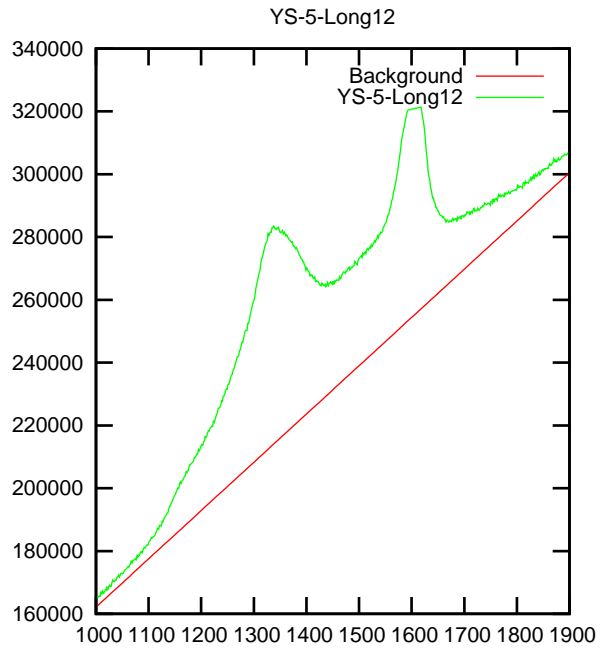
YS-5-Long0b = Noisy

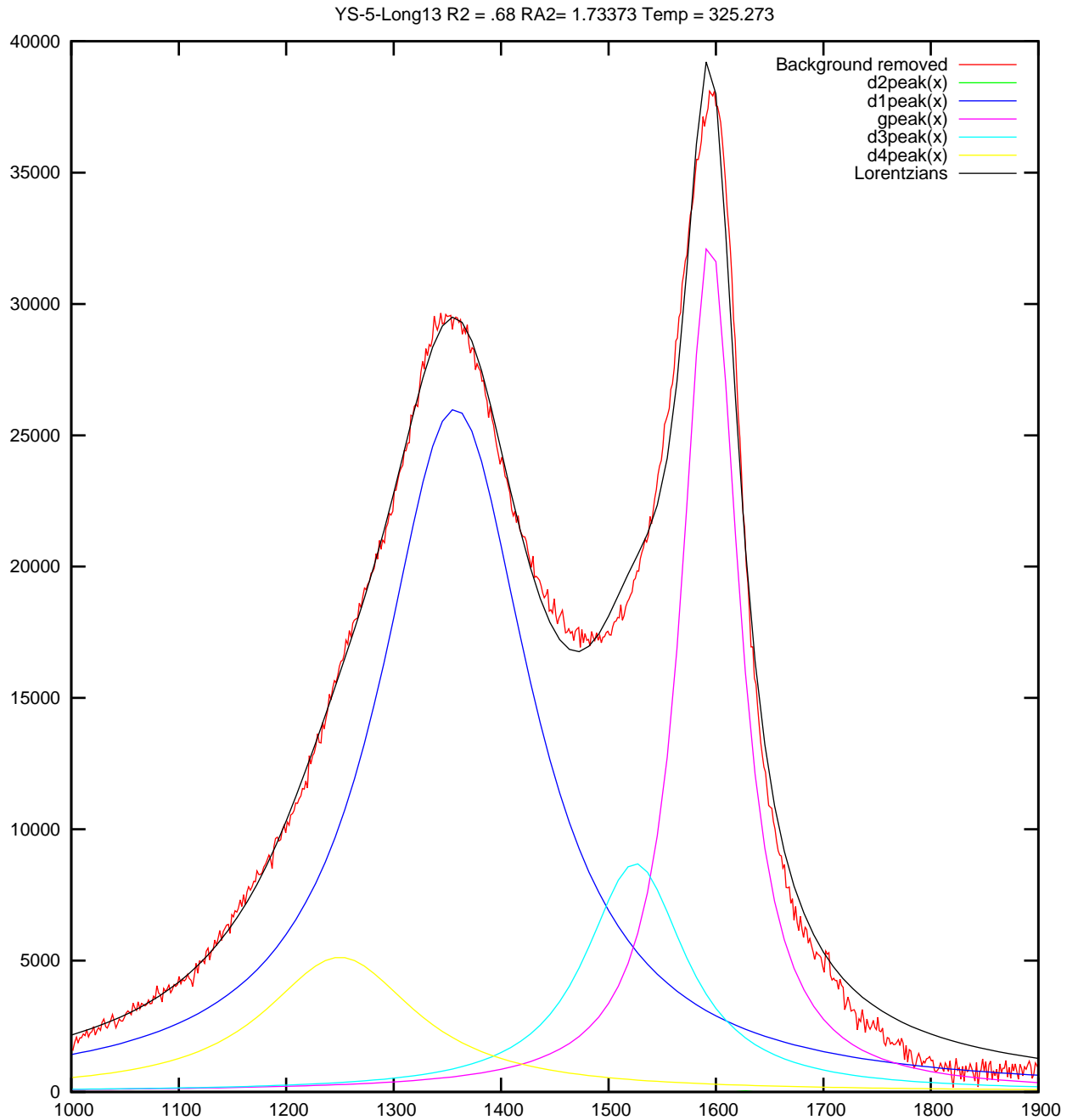
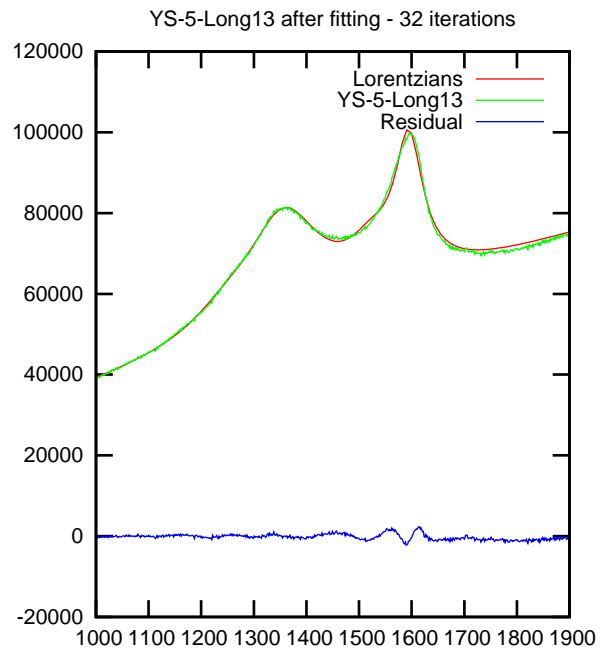
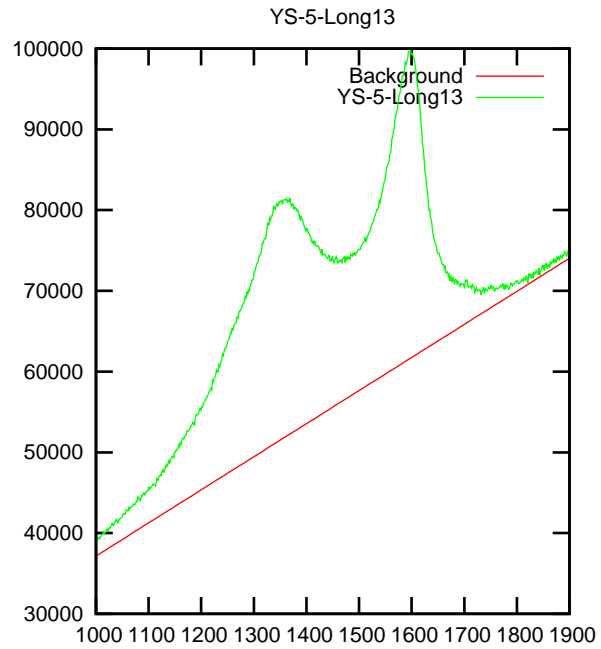




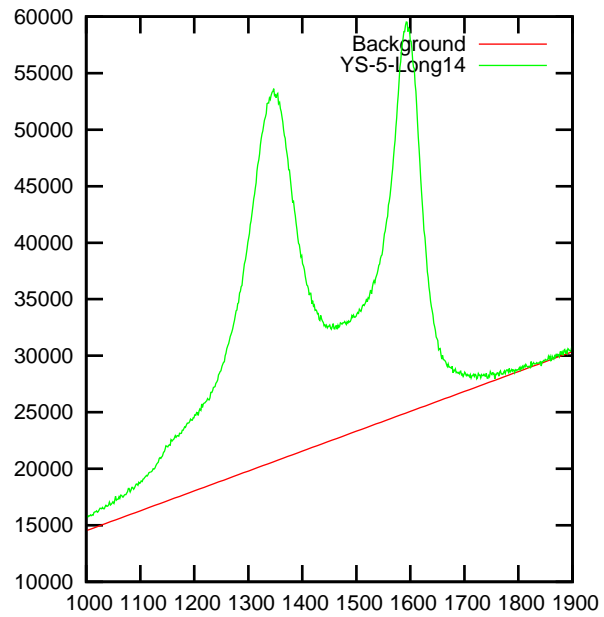
YS-5-Long11 = Noisy



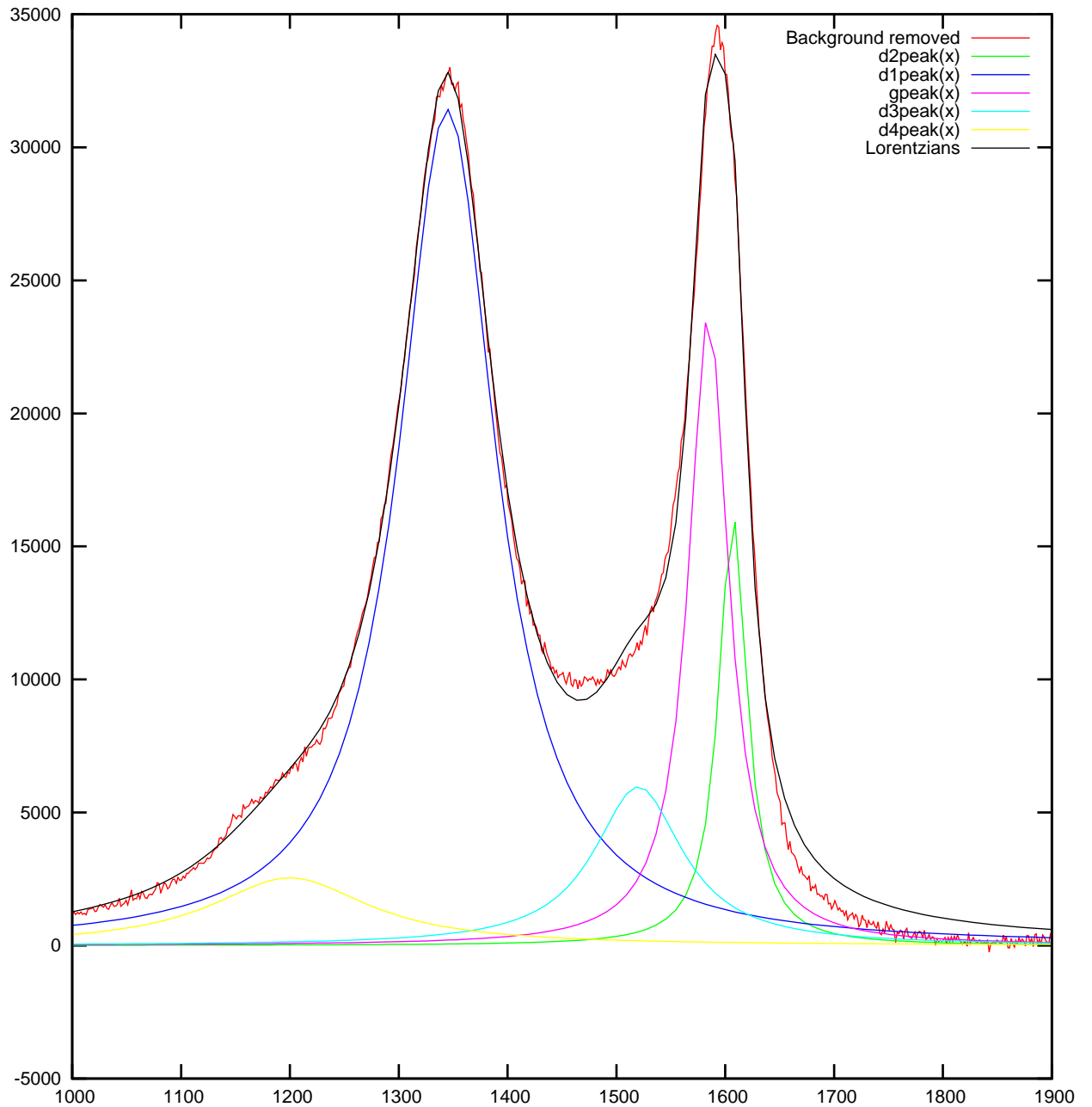




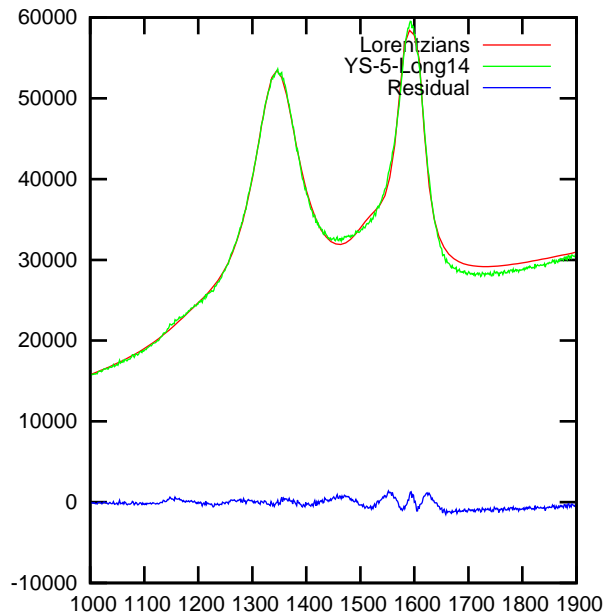
YS-5-Long14

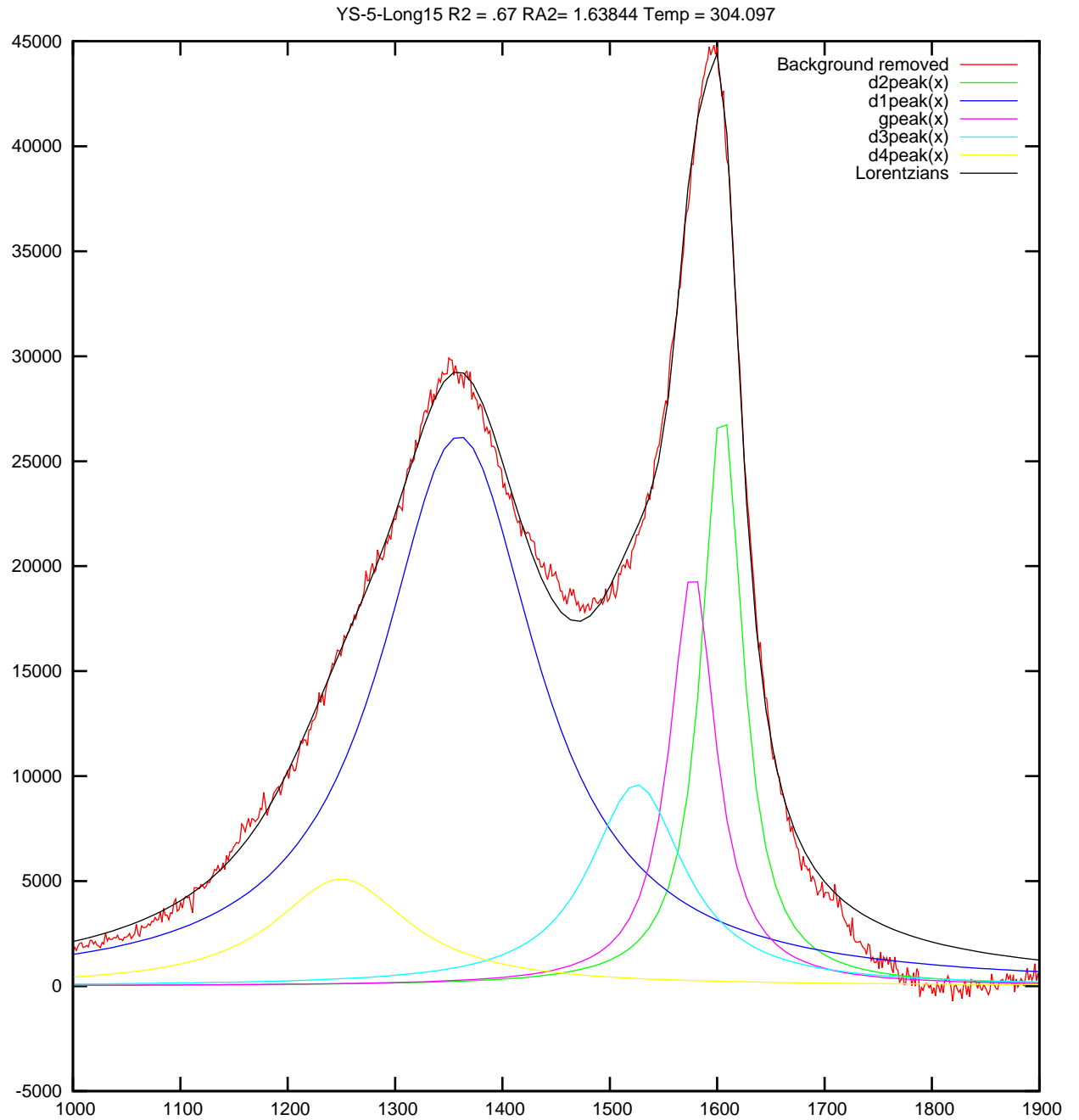
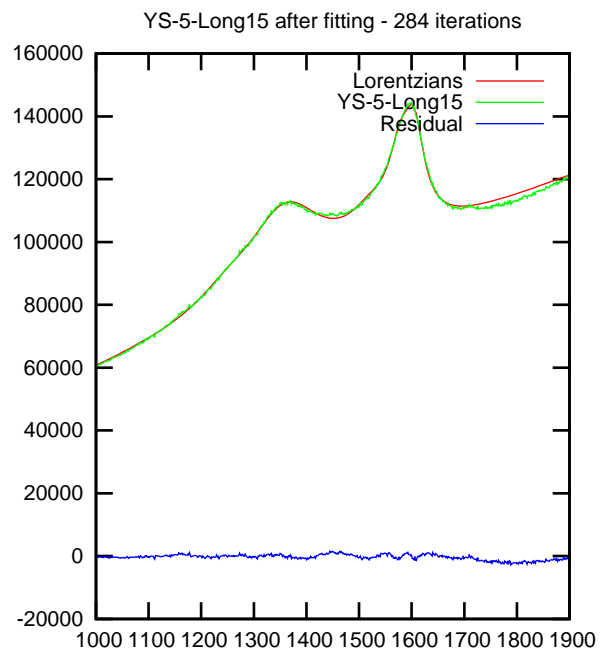
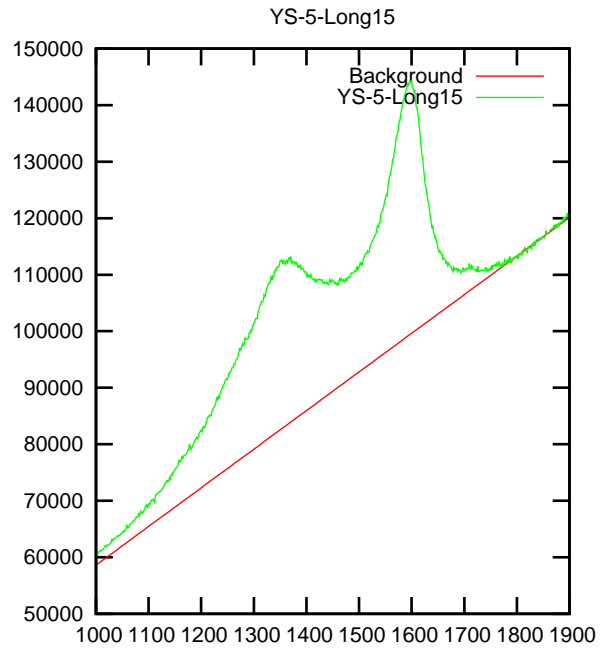


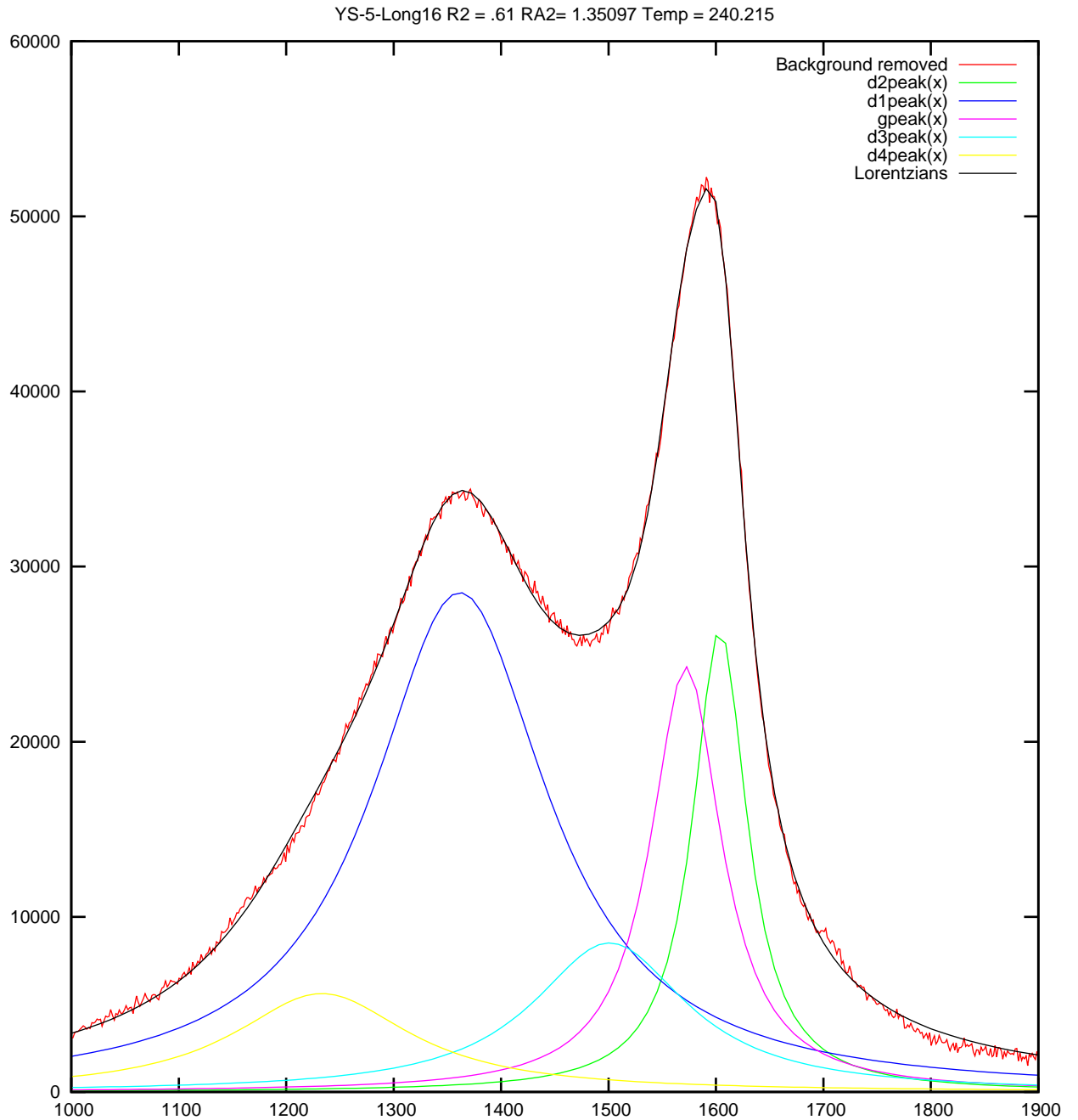
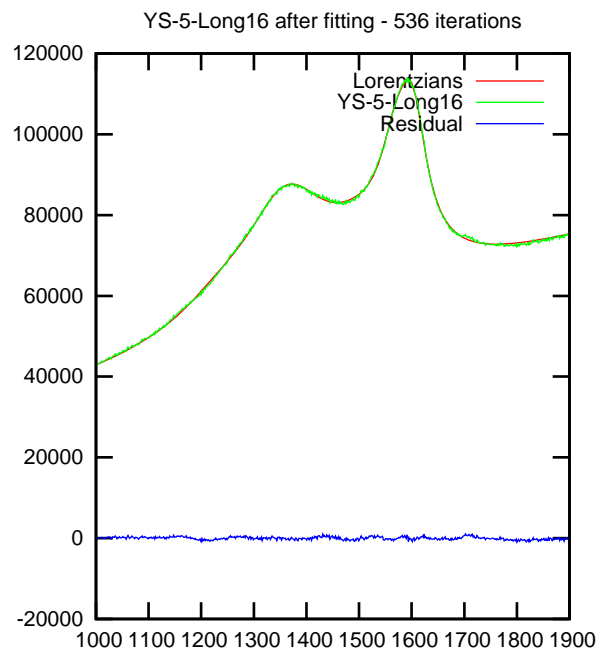
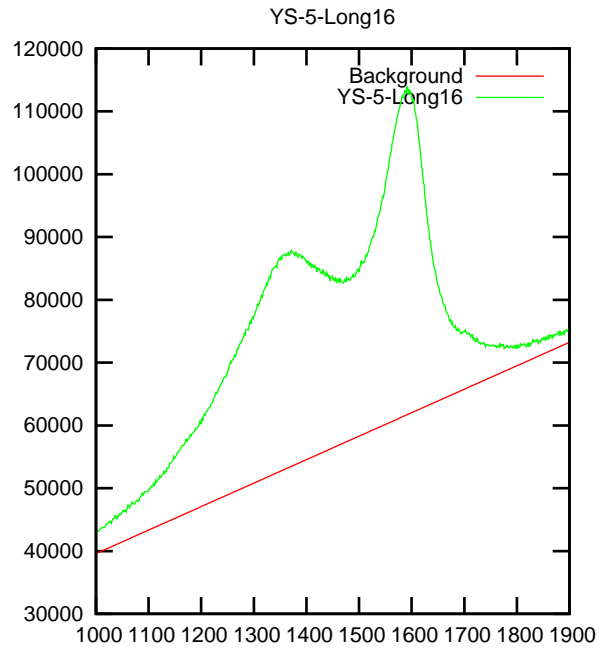
YS-5-Long14 R2 = .68 RA2= 1.78221 Temp = 336.046

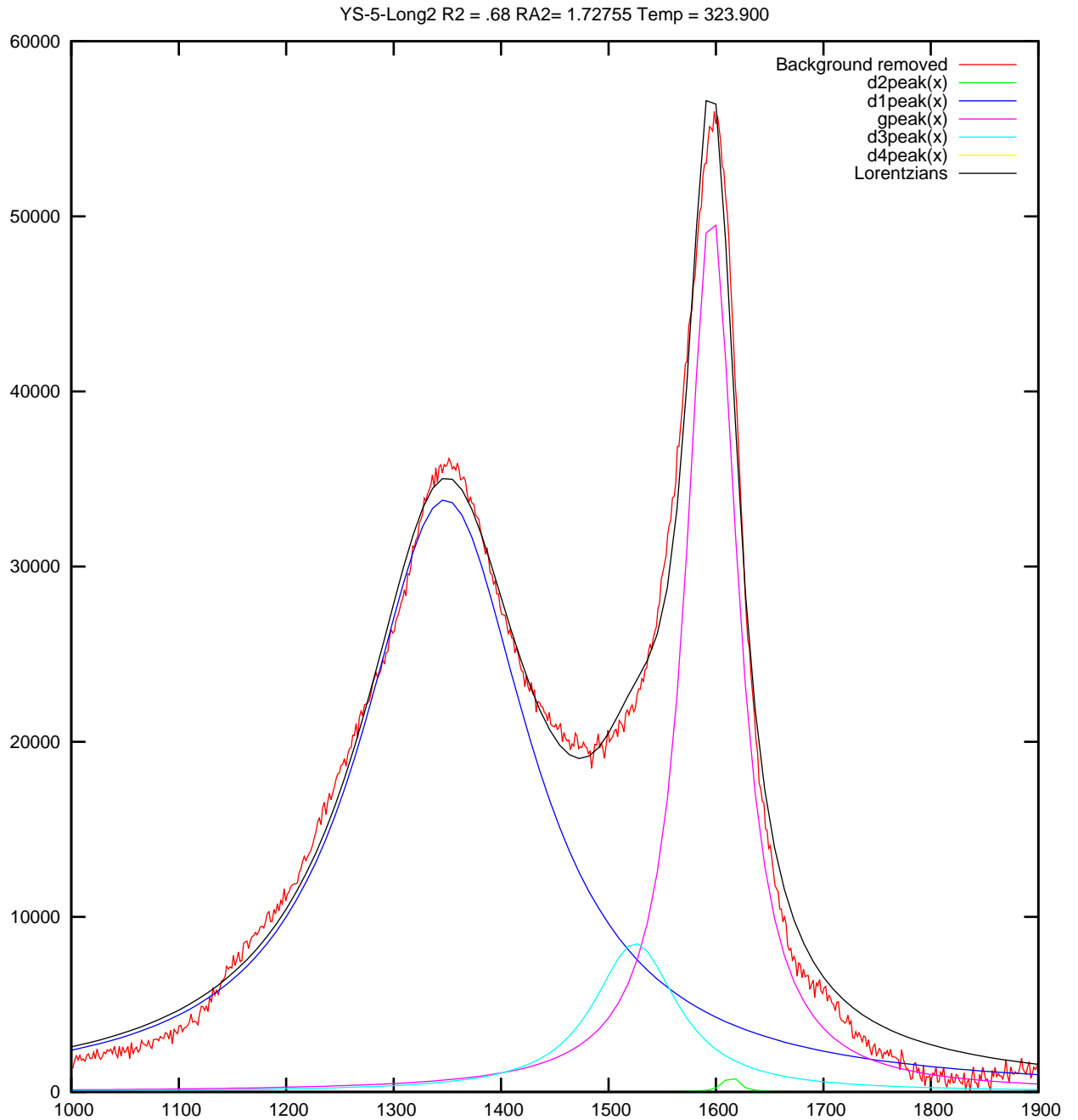
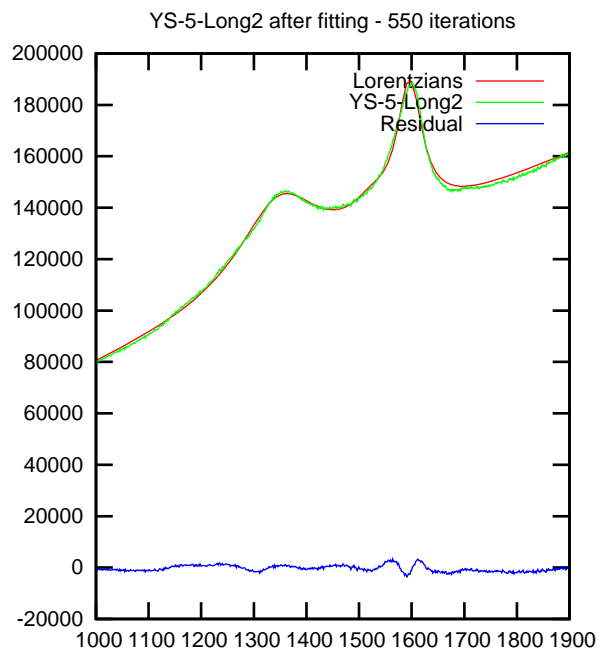
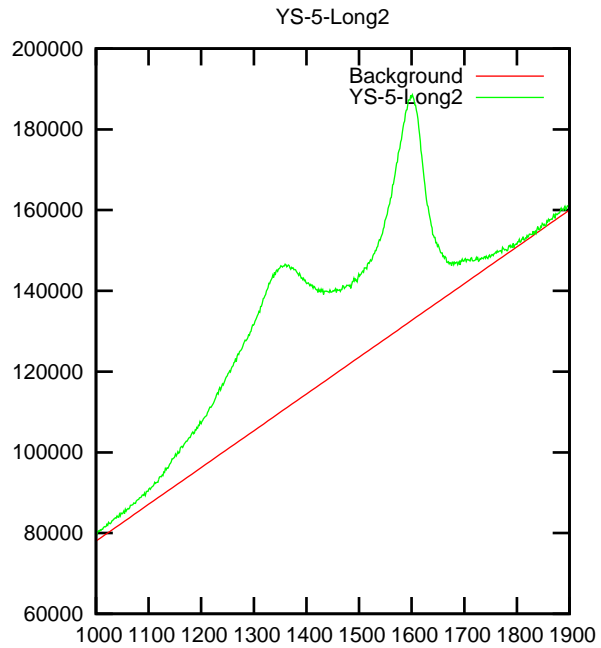


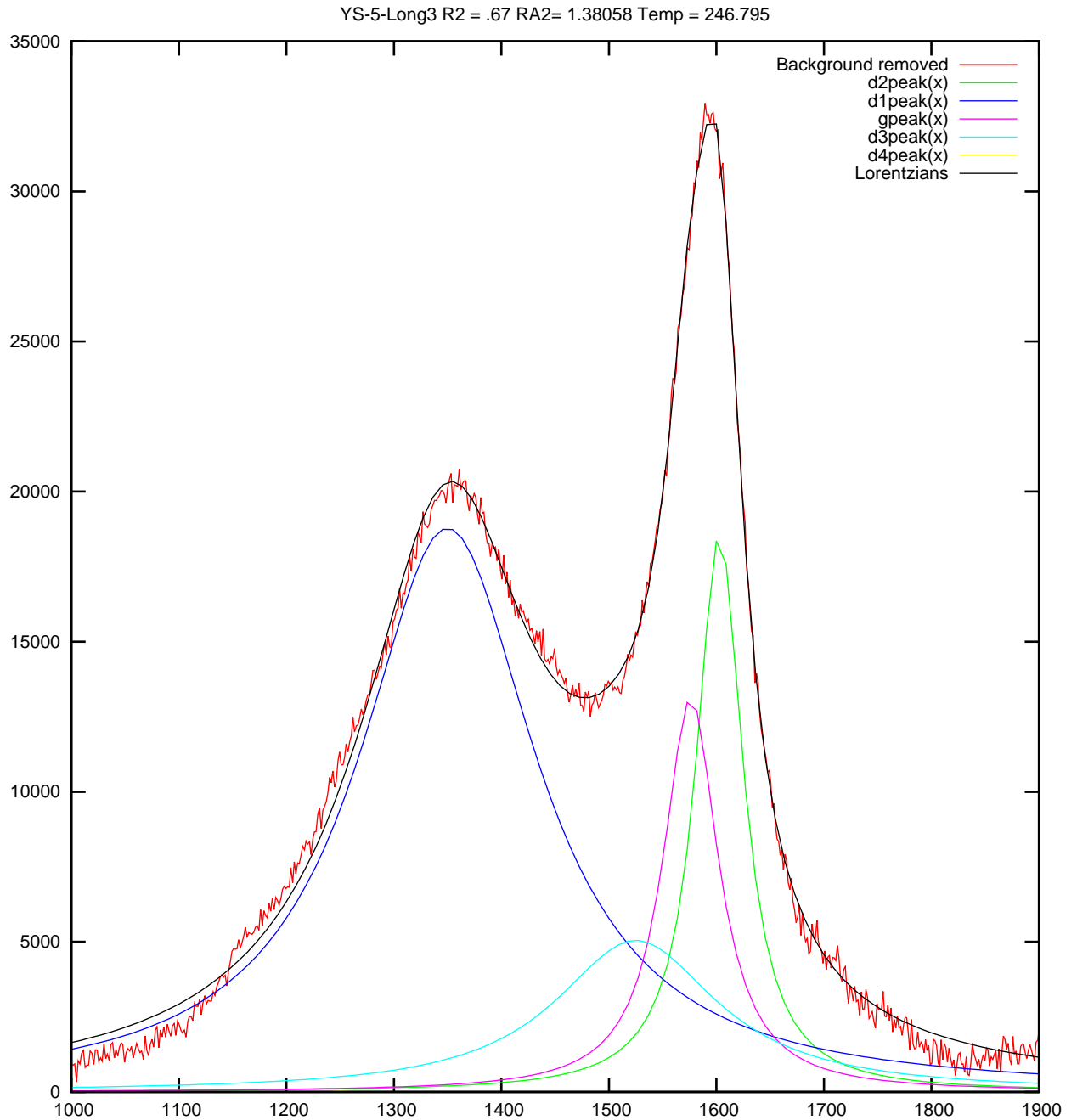
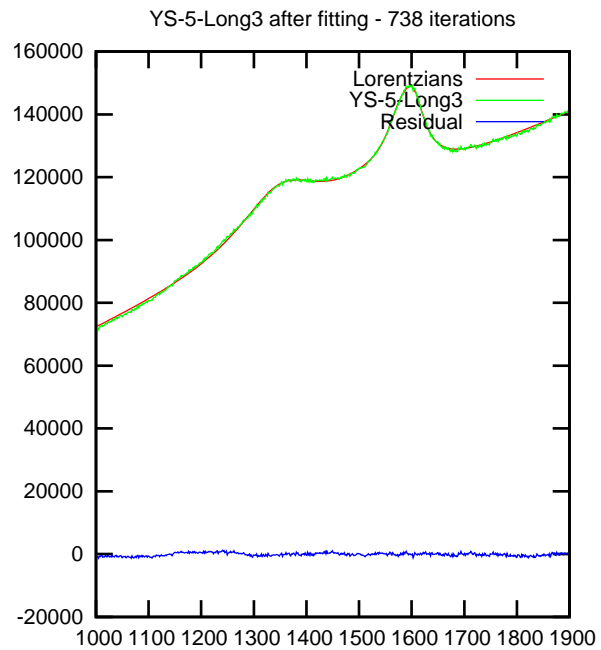
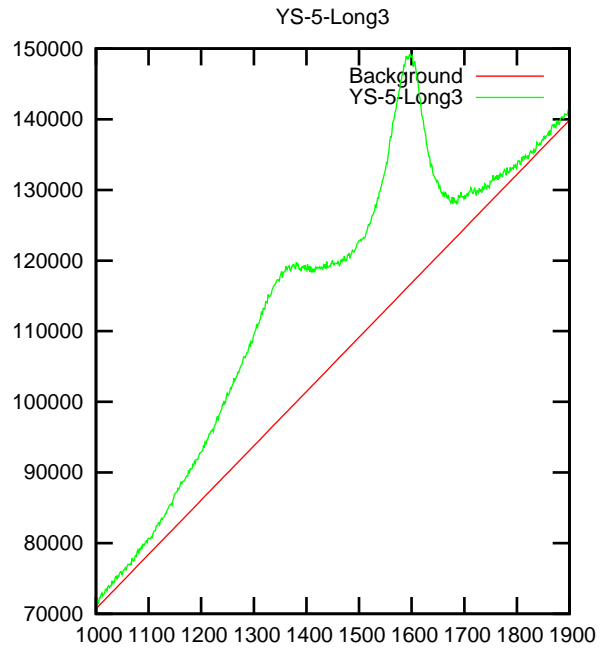
YS-5-Long14 after fitting - 92 iterations

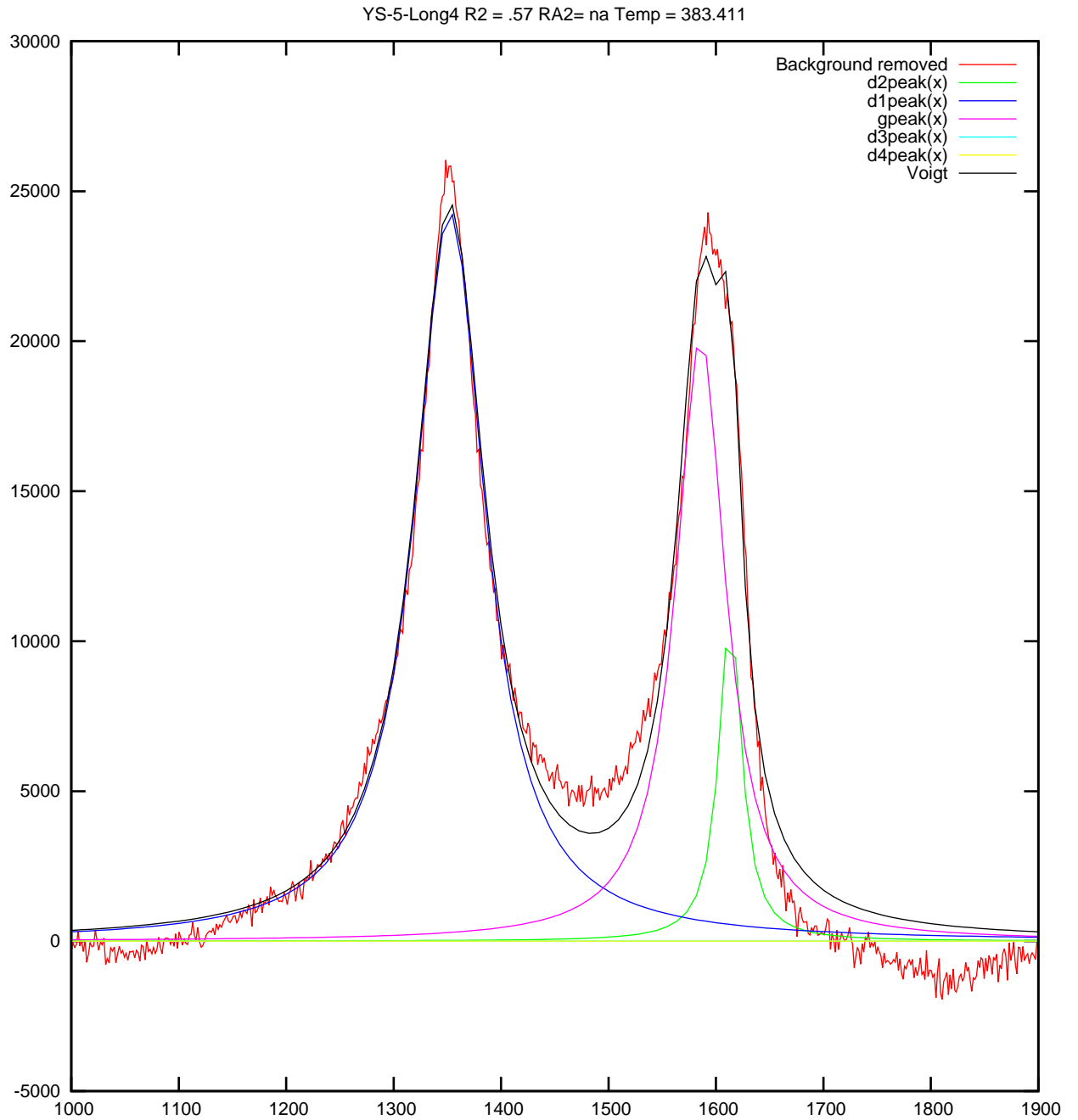
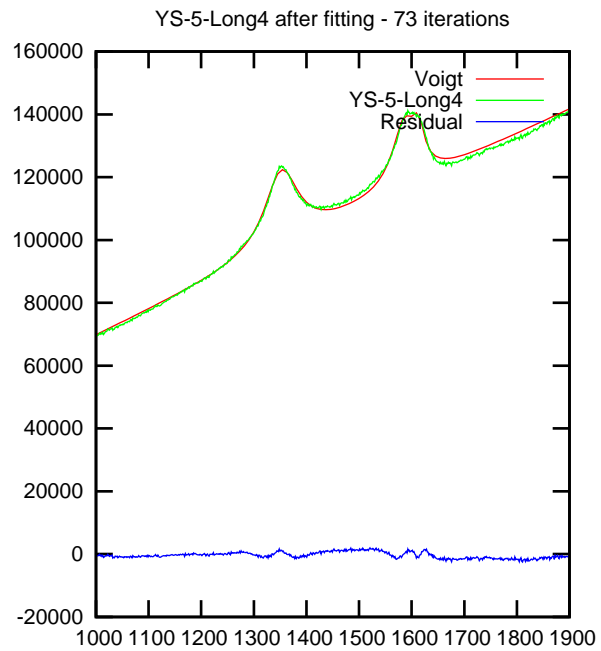
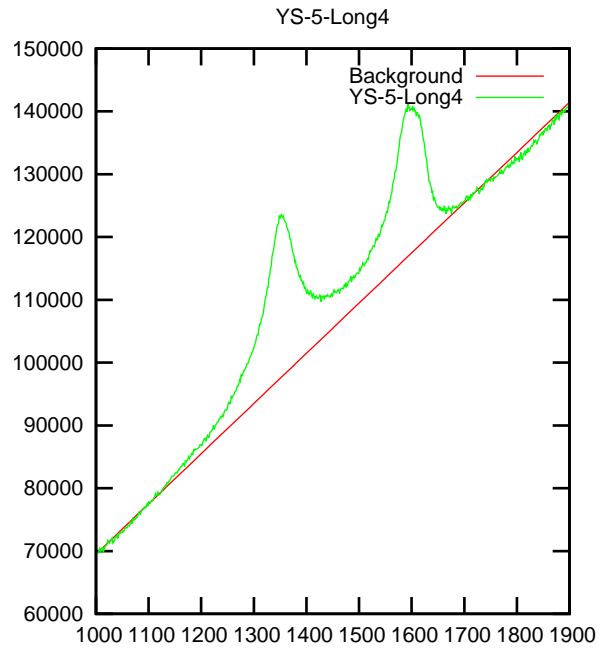


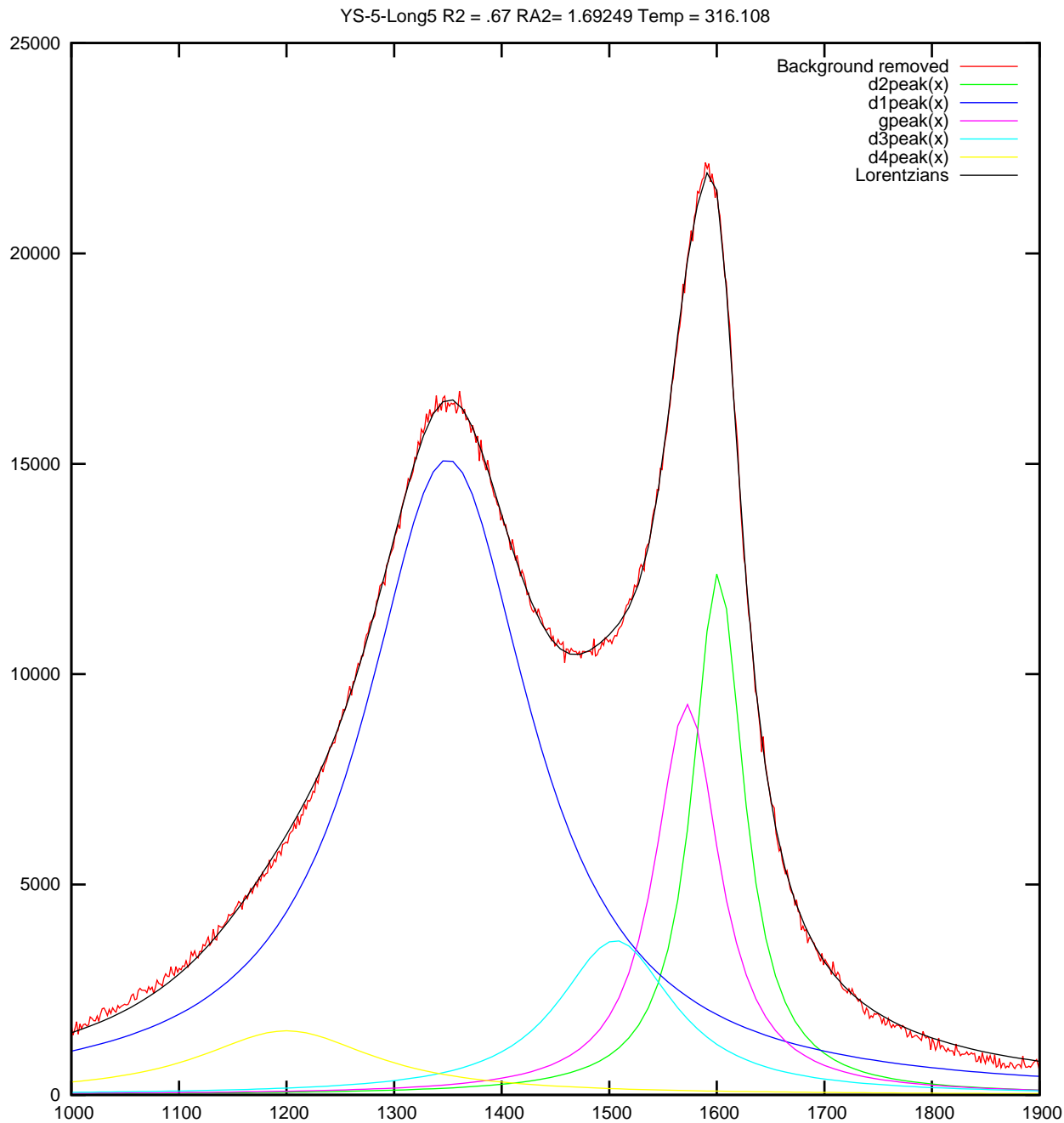
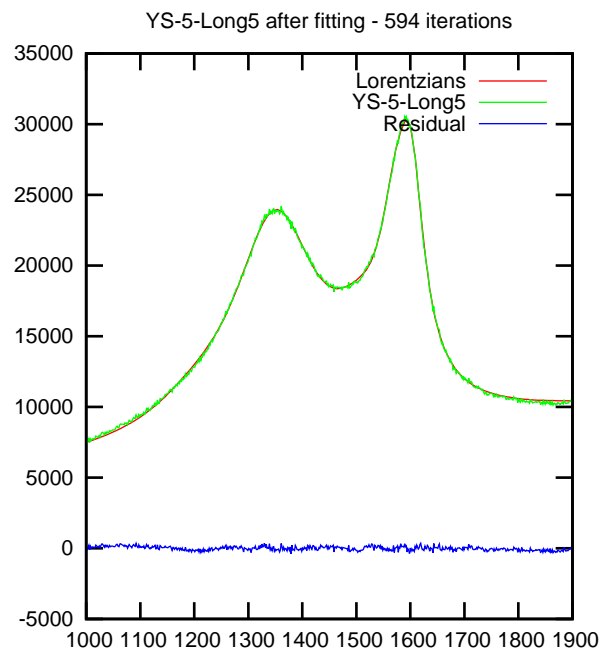
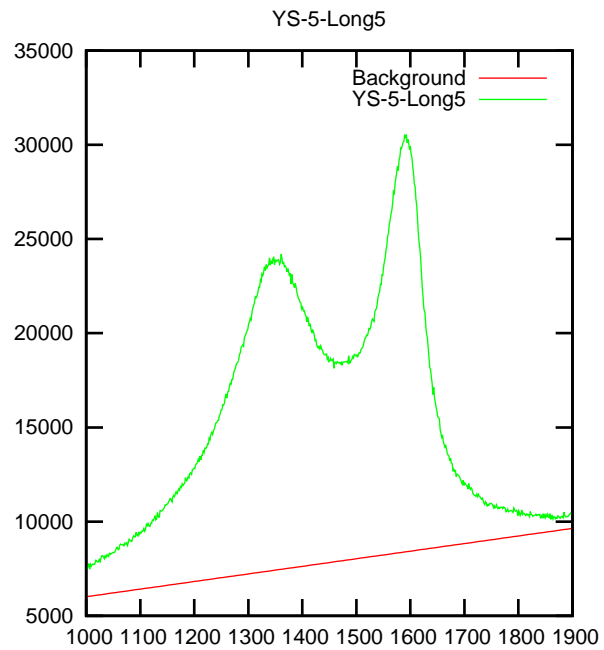


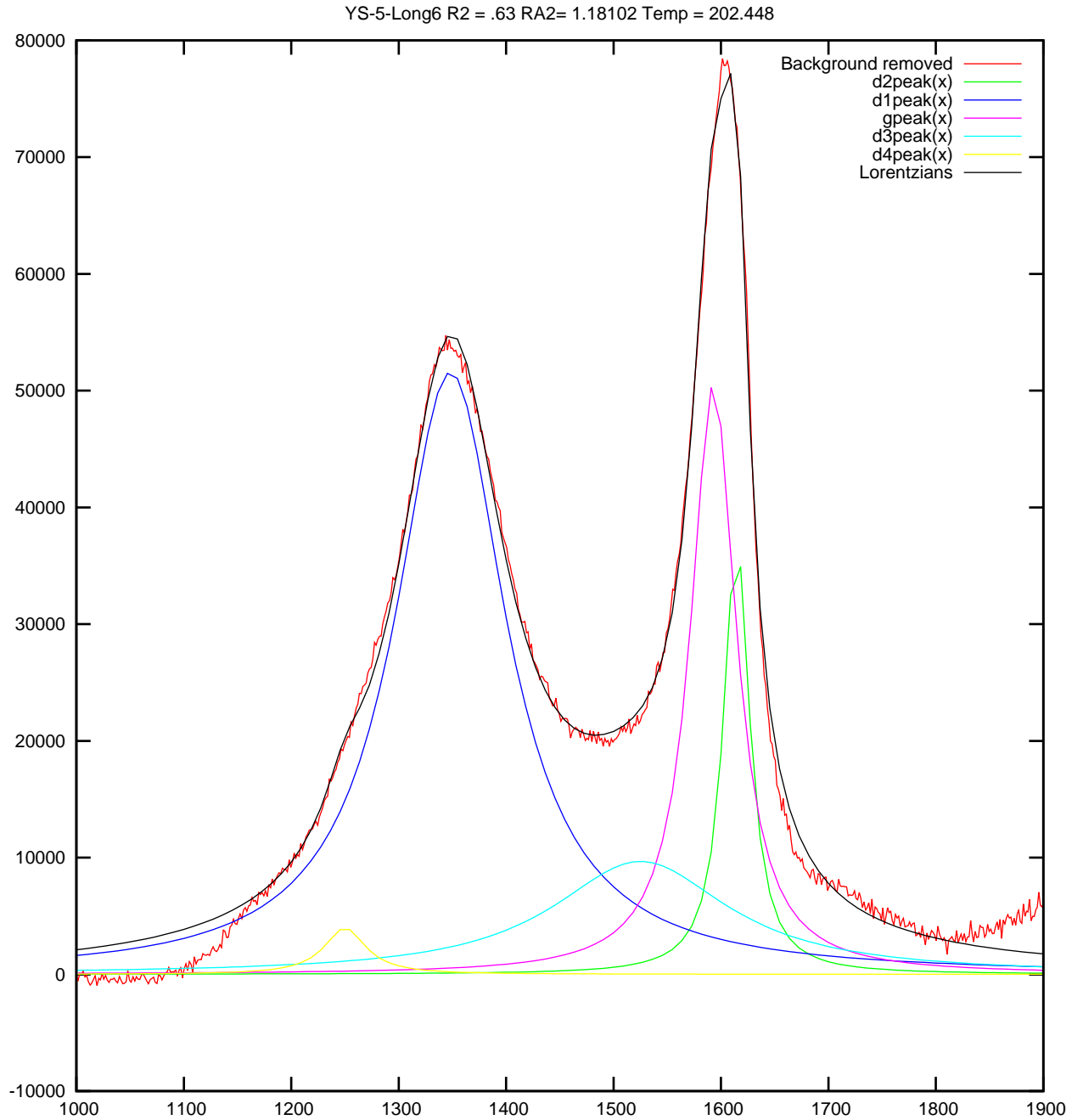
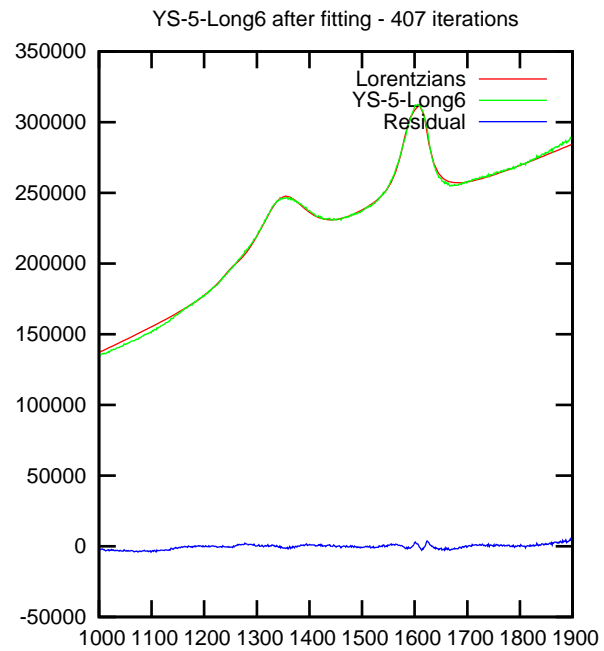
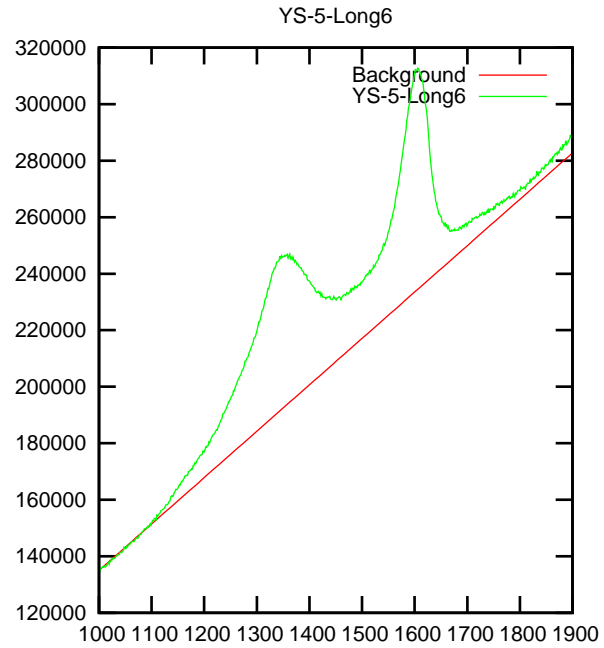


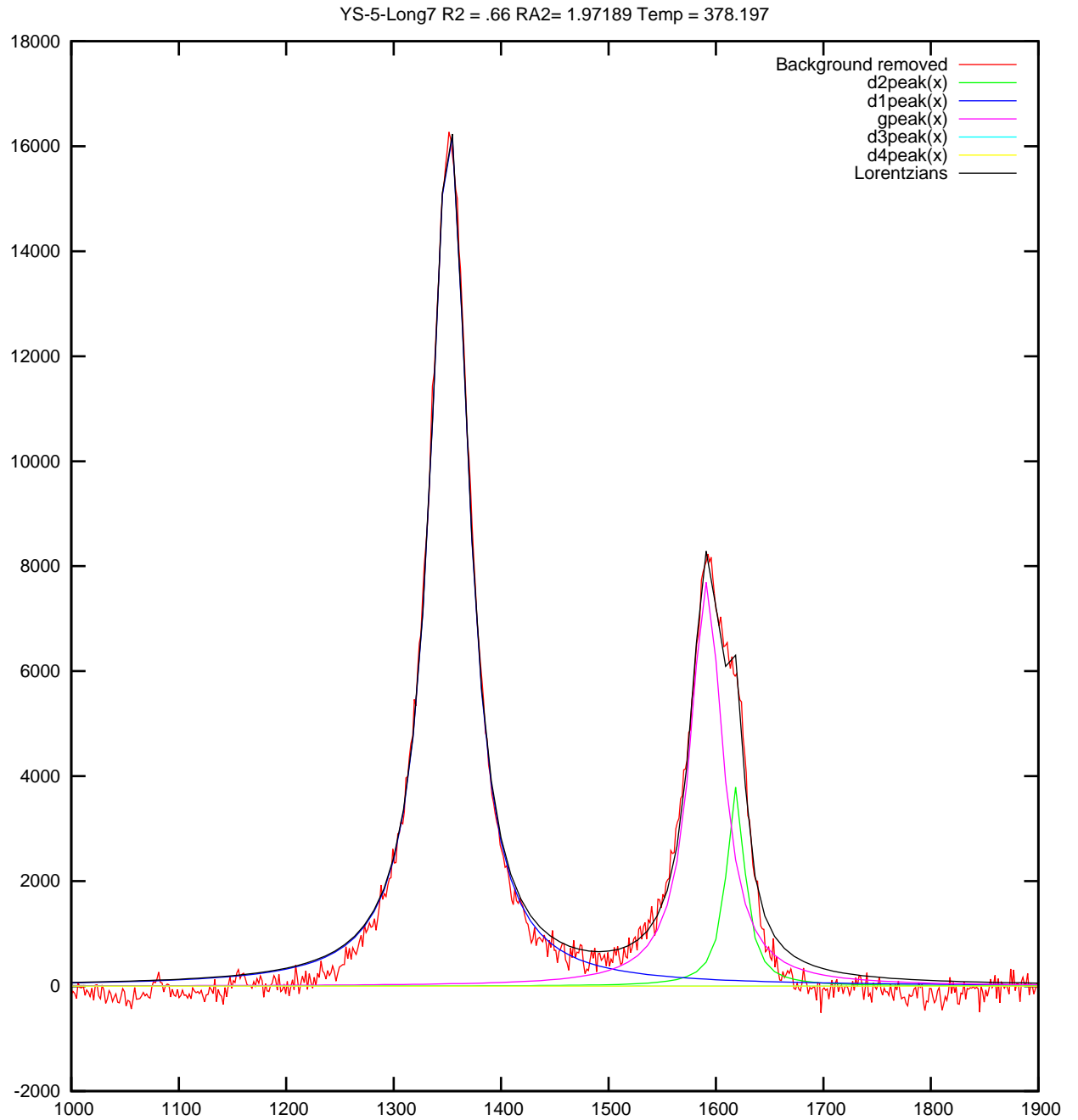
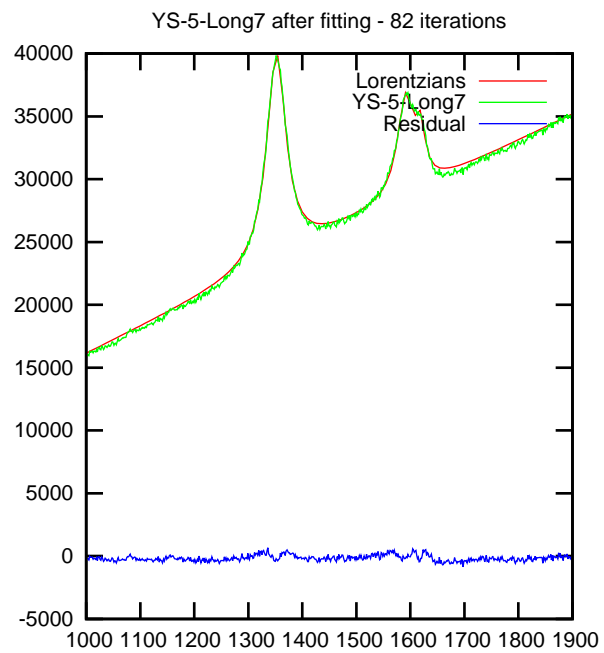
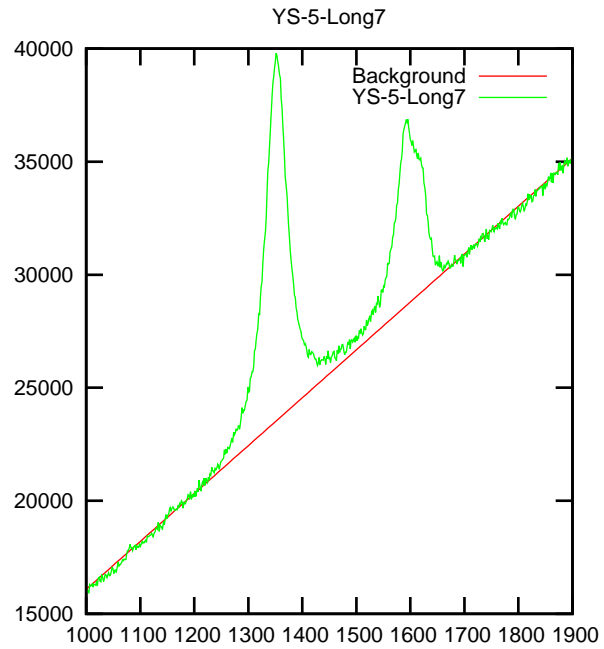


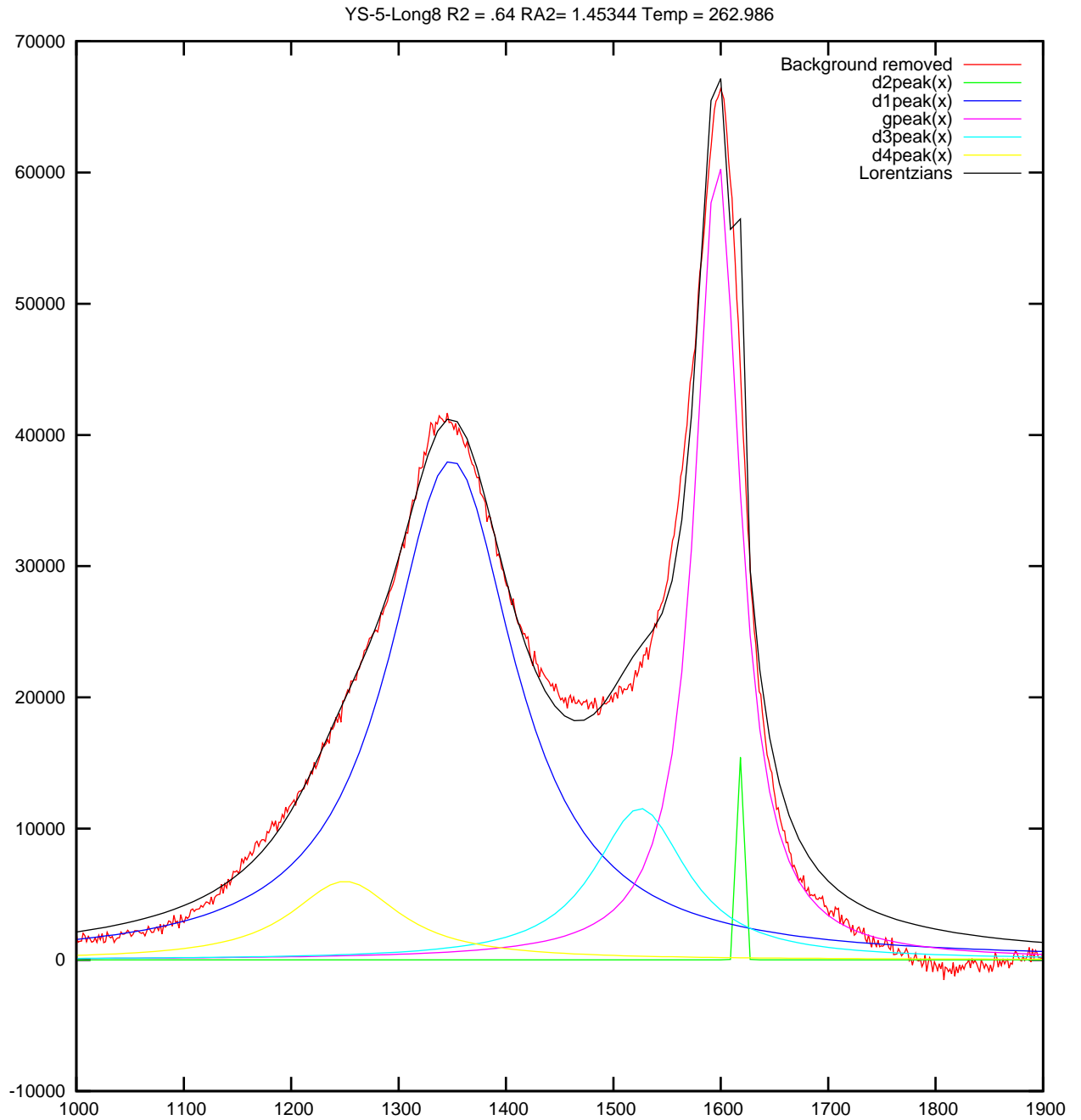
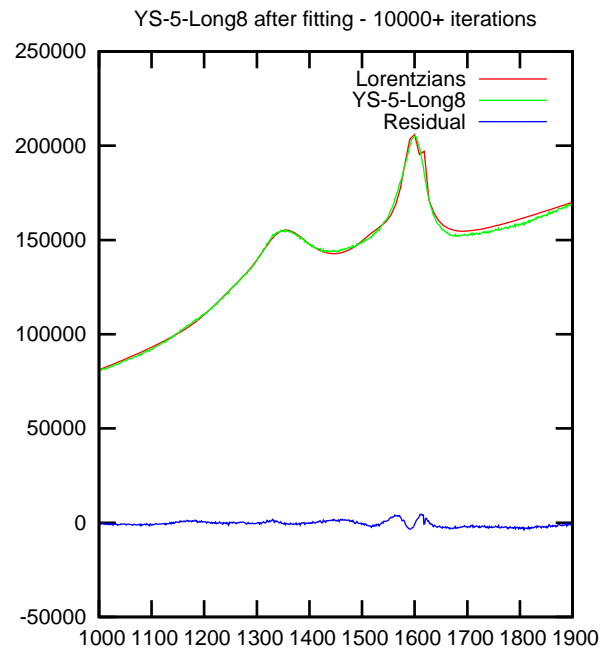
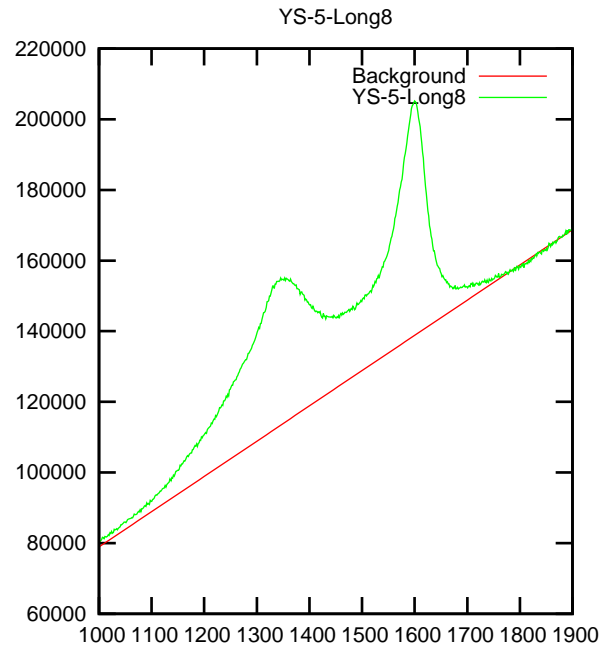


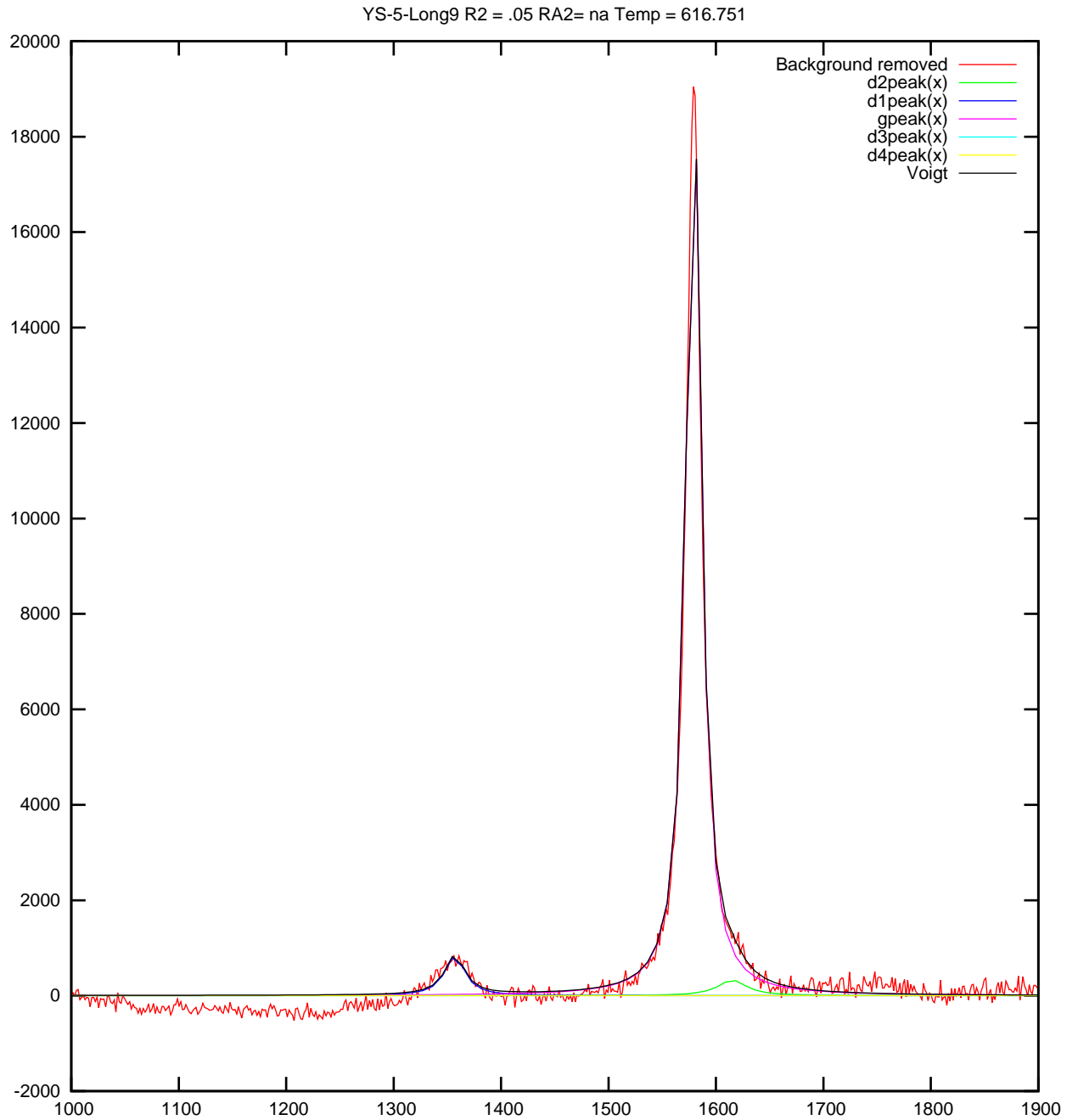
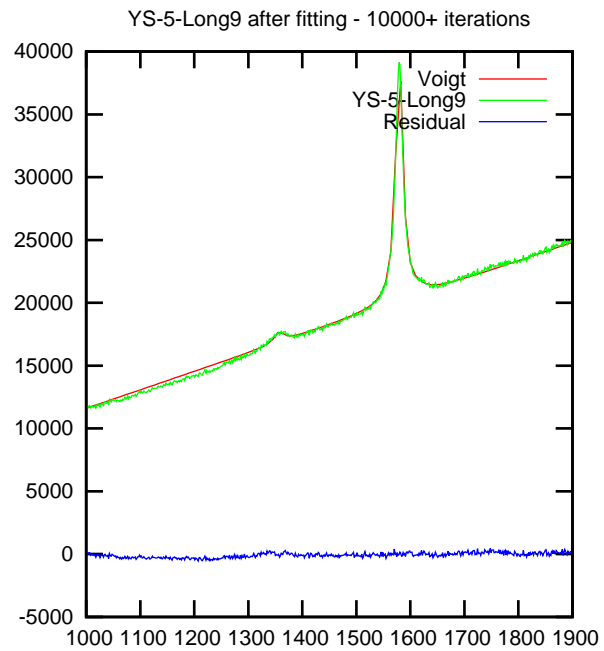
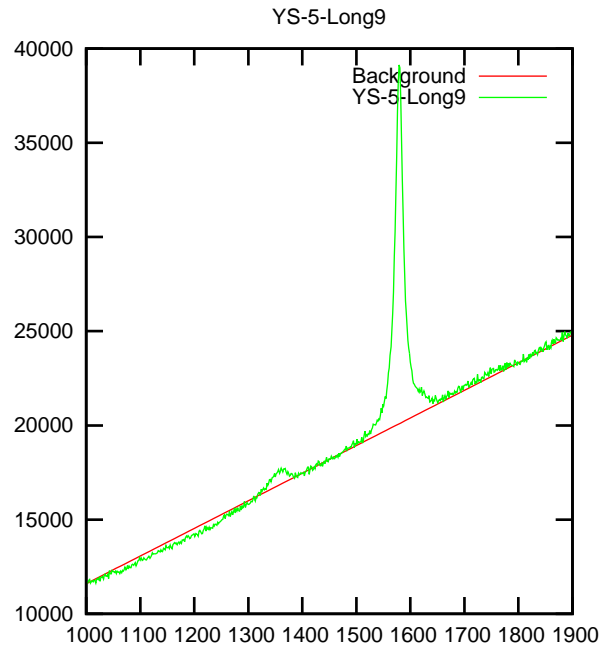




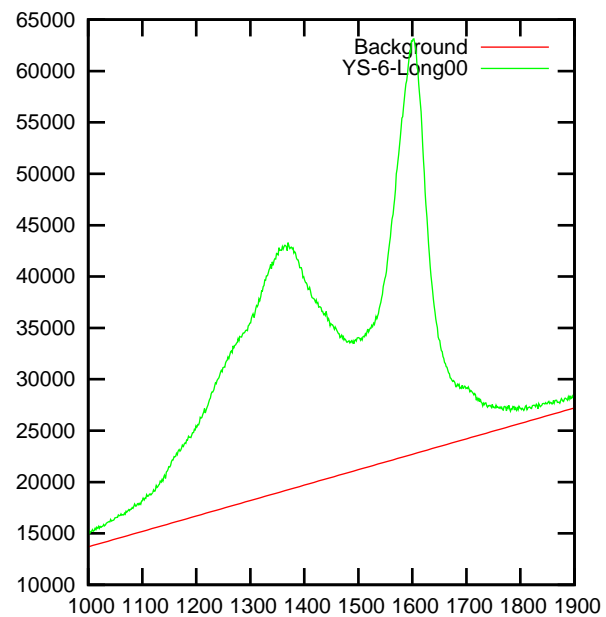




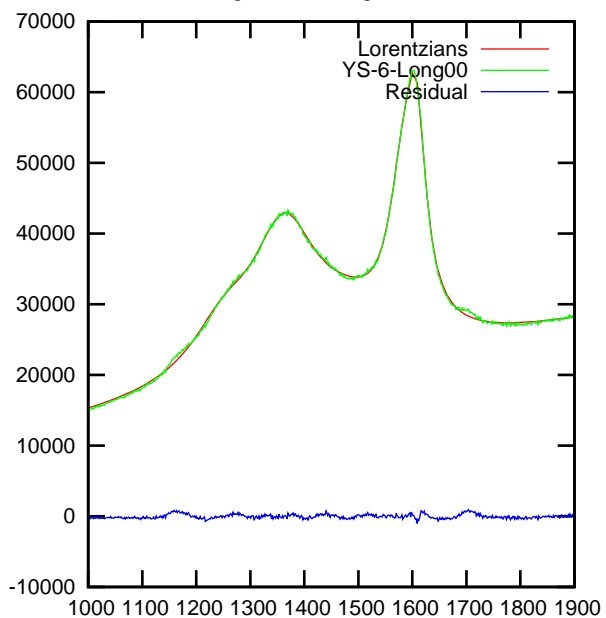




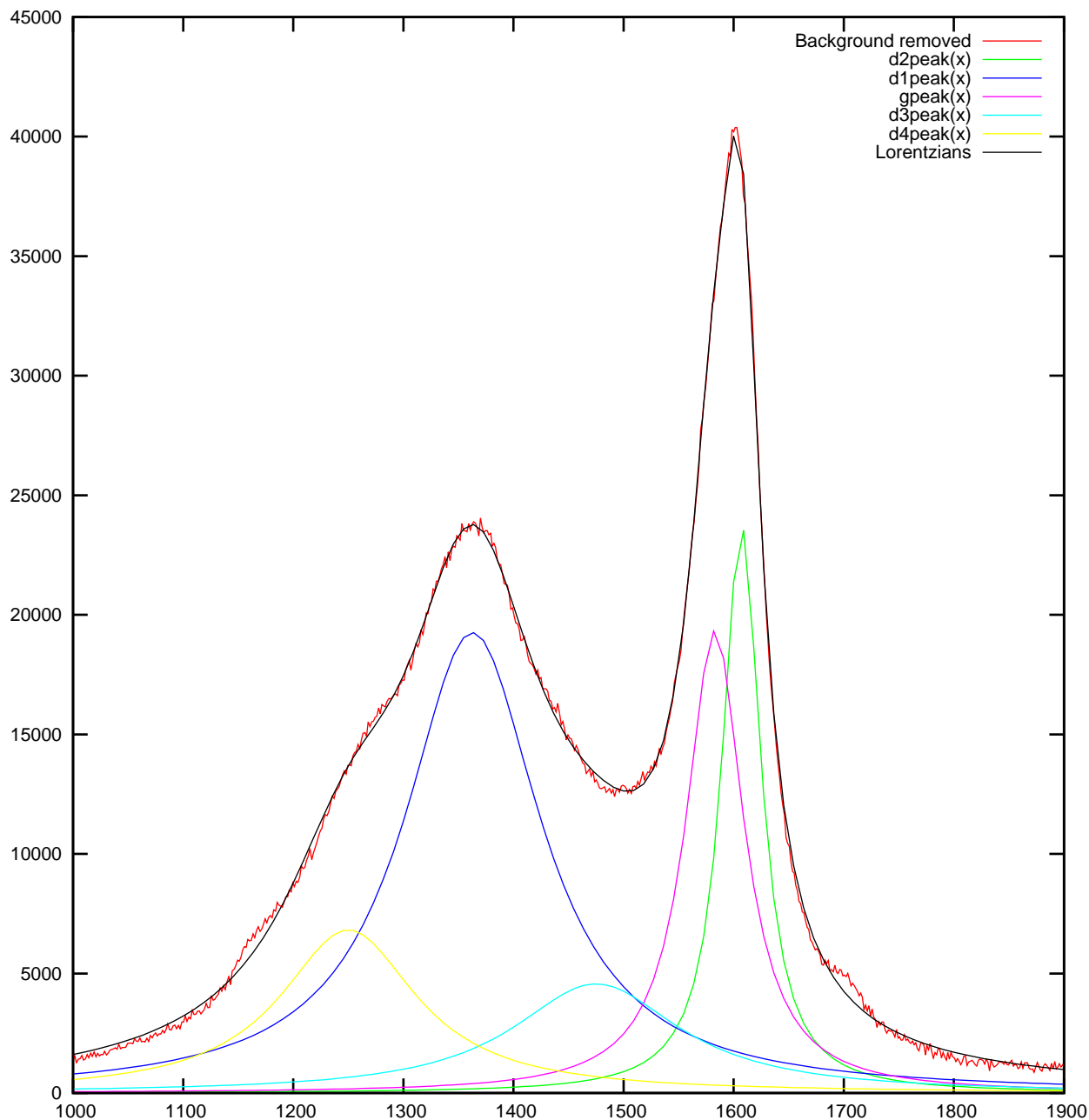
YS-6-Long00



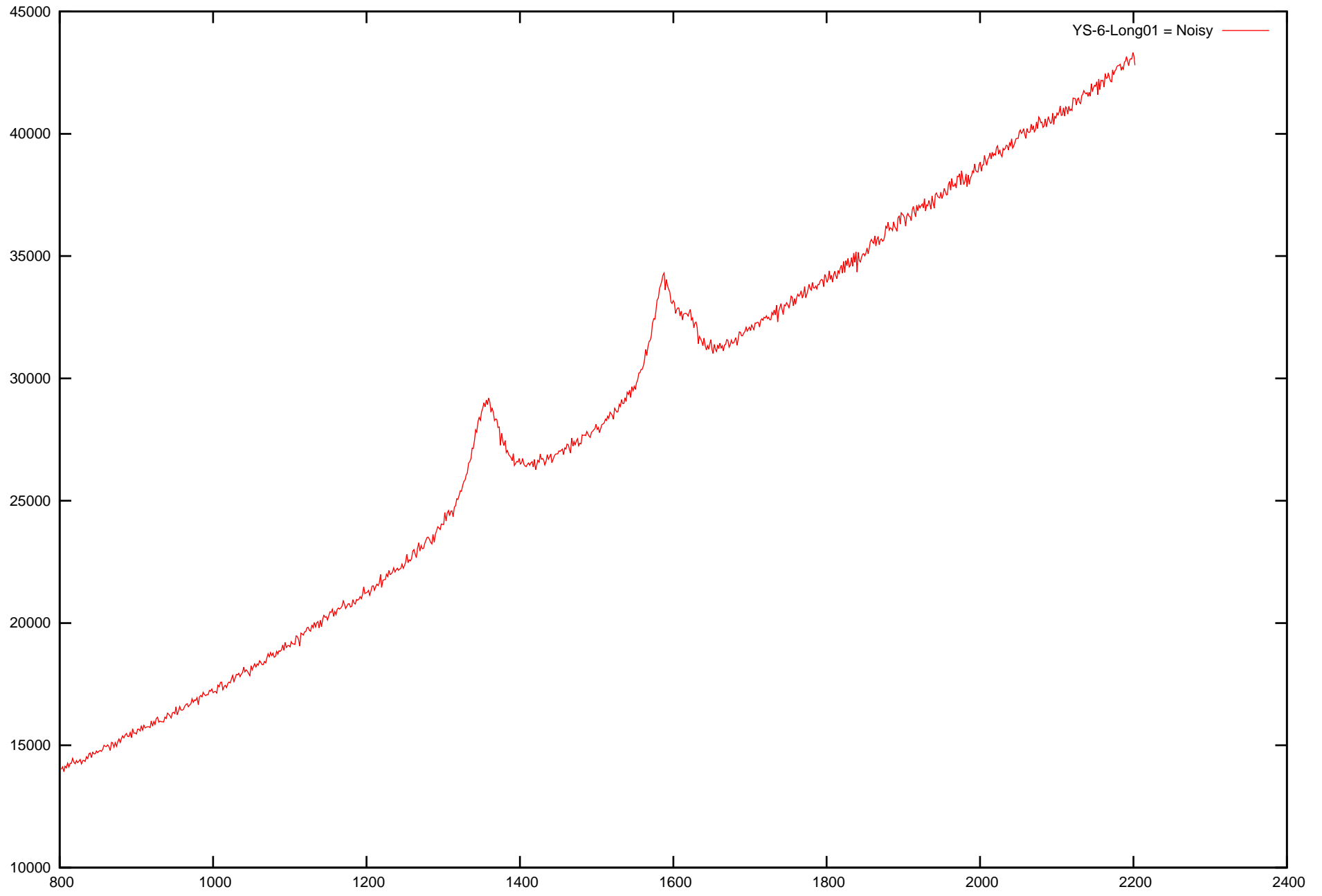
YS-6-Long00 after fitting - 669 iterations



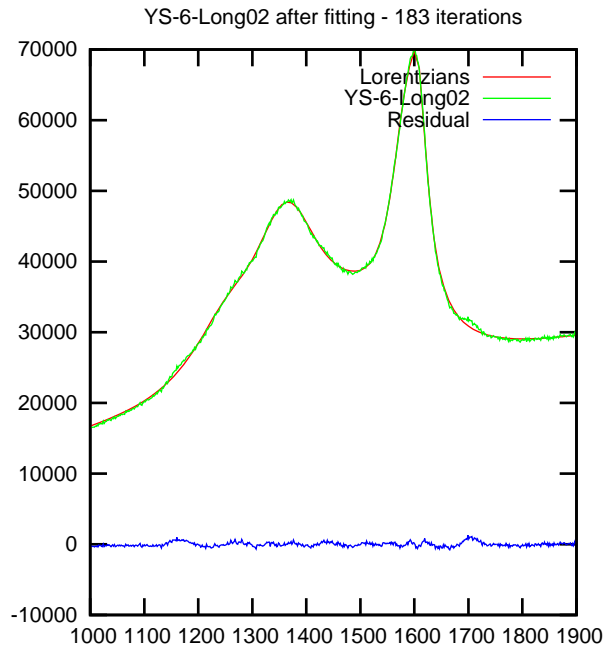
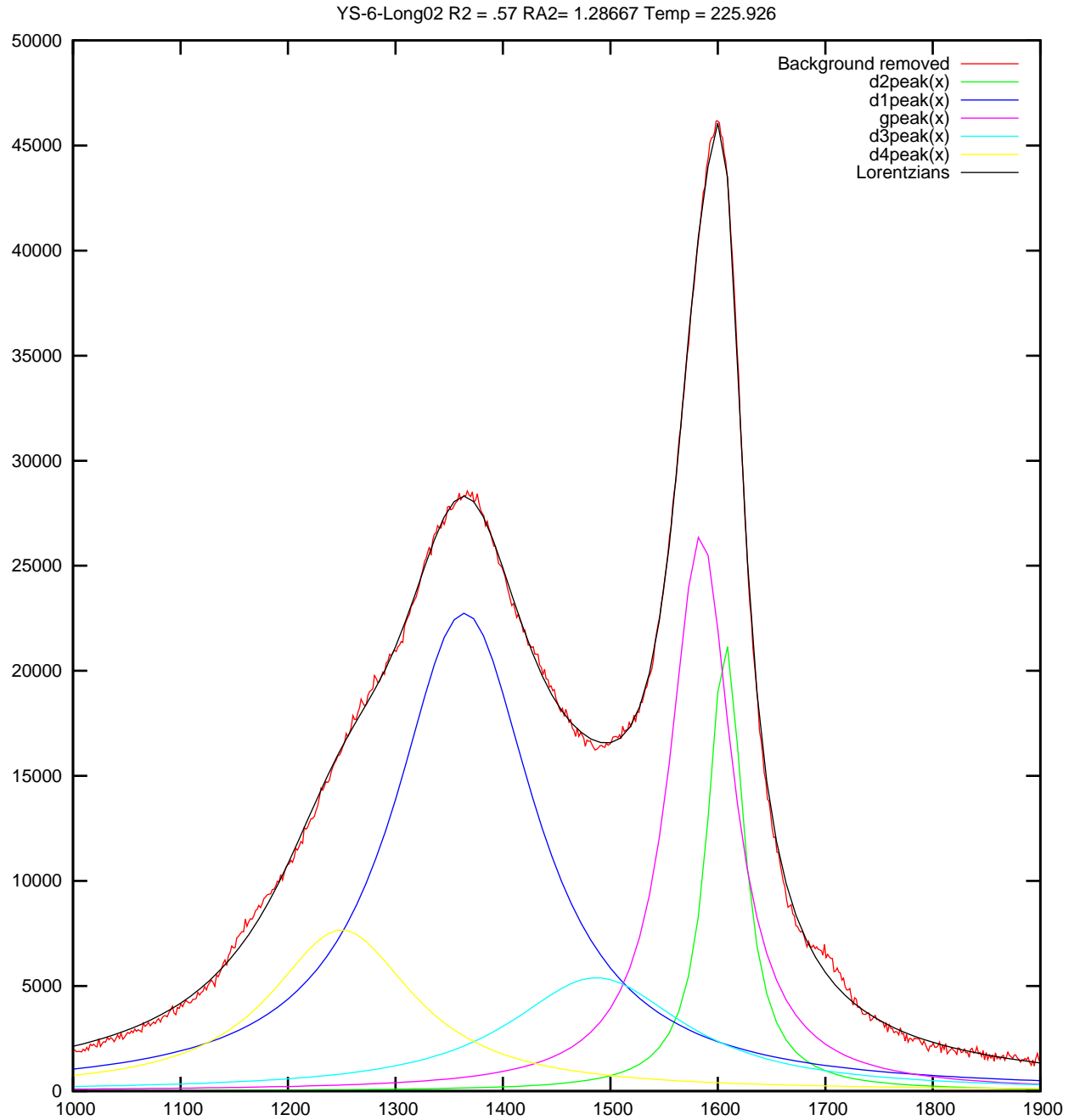
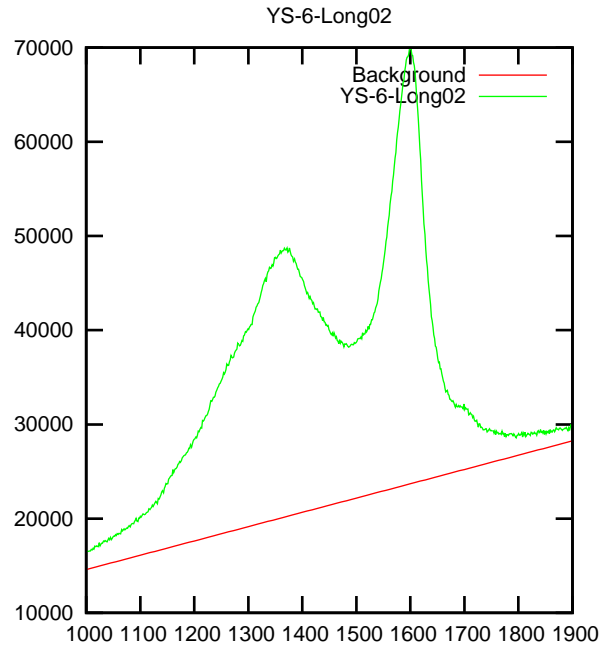
YS-6-Long00 R2 = .56 RA2= 1.27526 Temp = 223.391

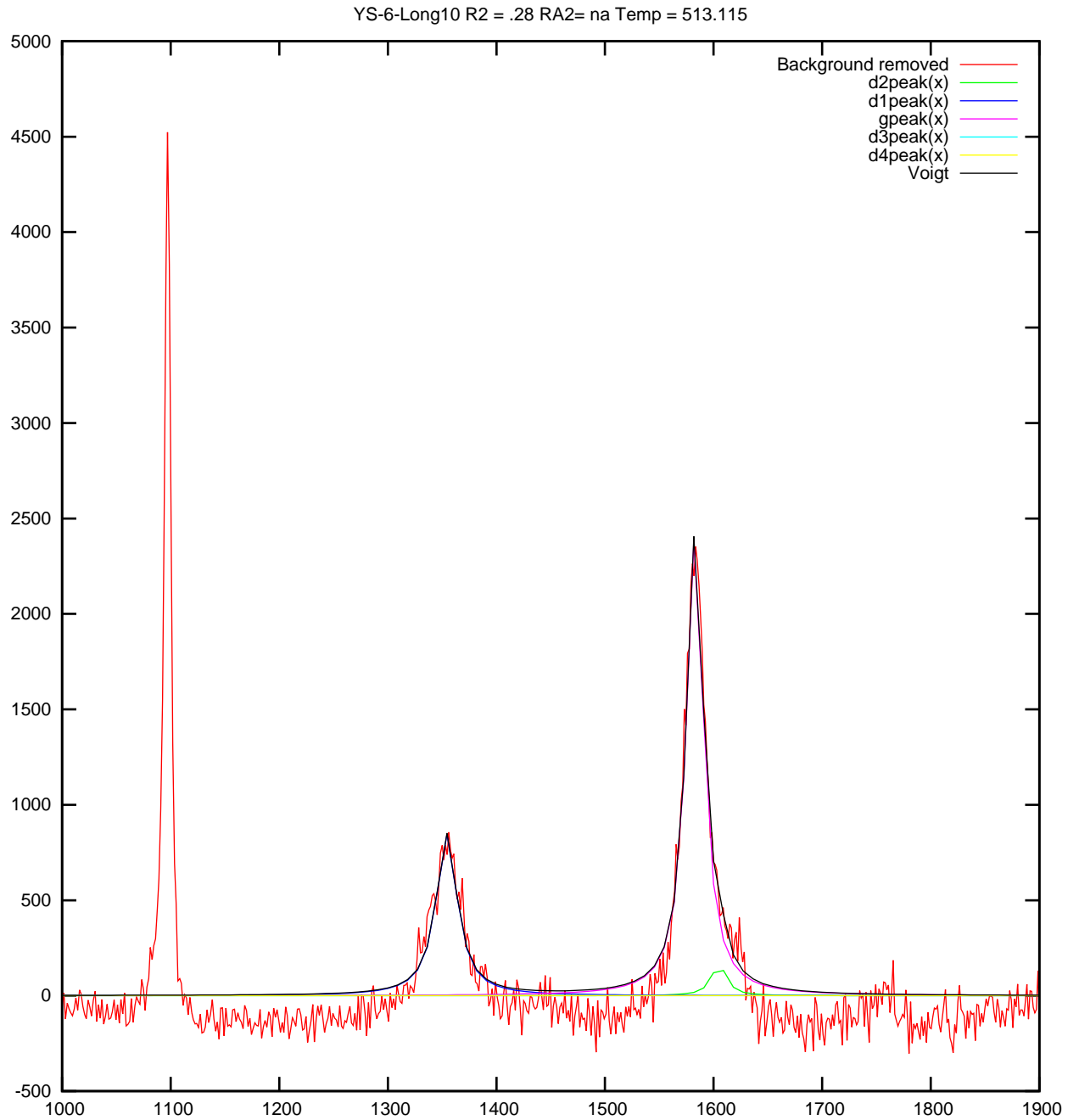
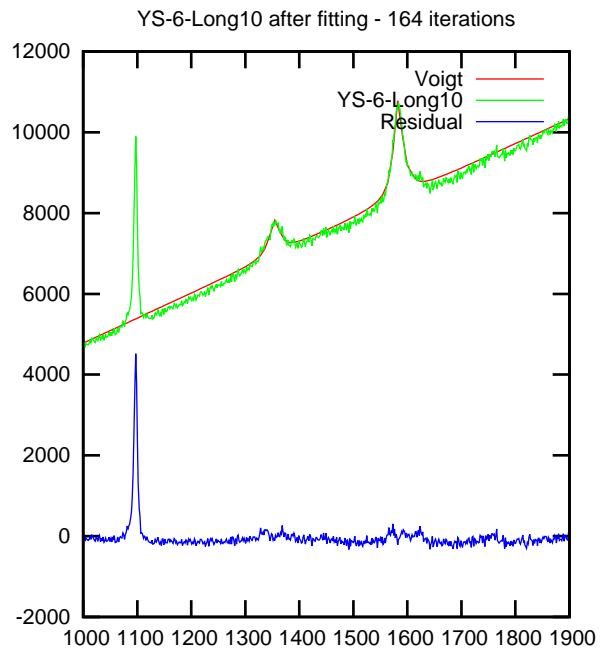
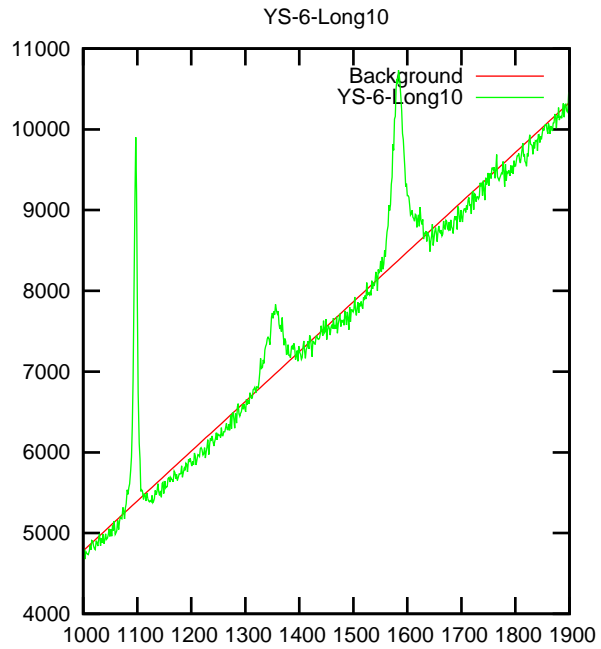


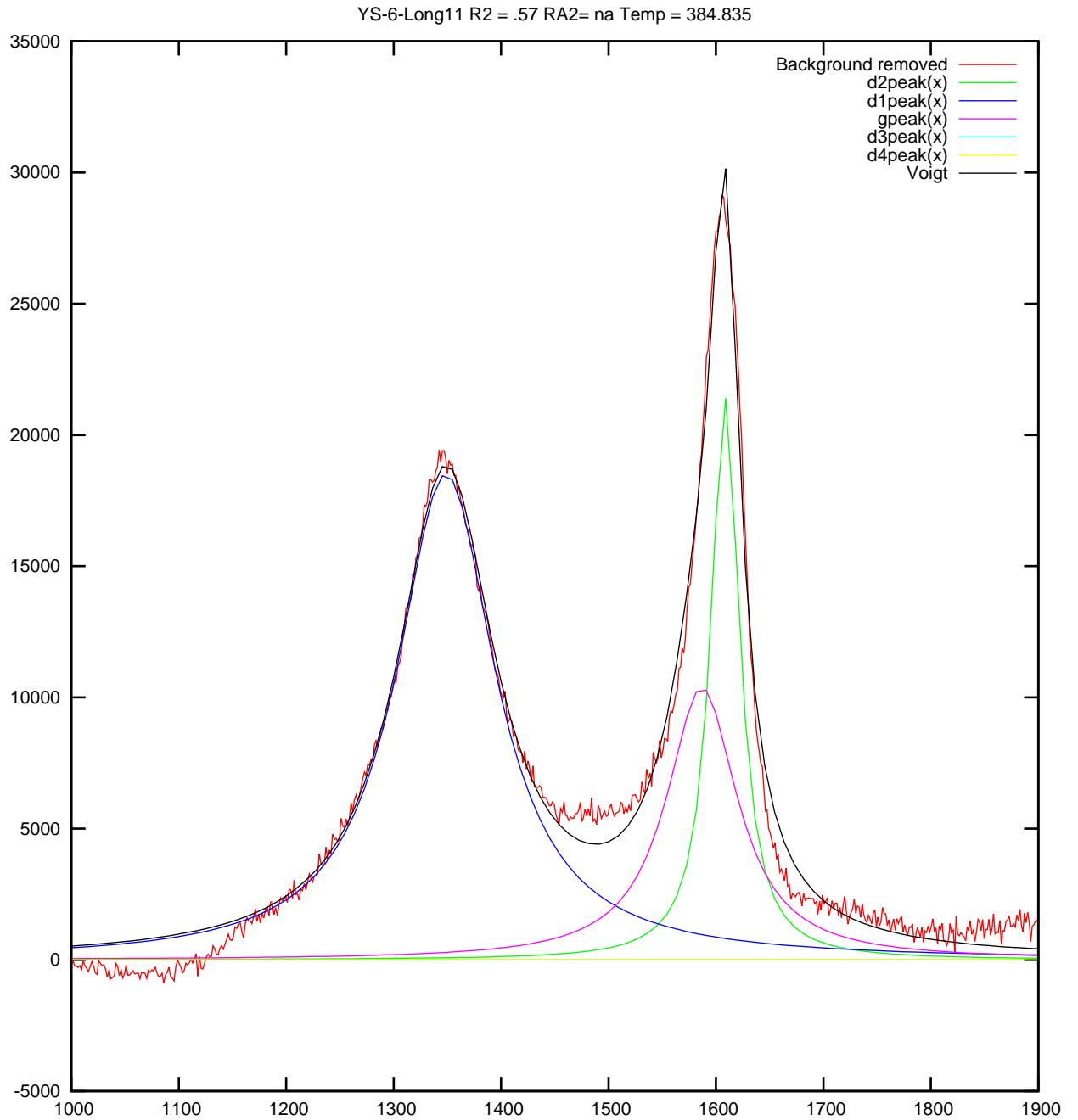
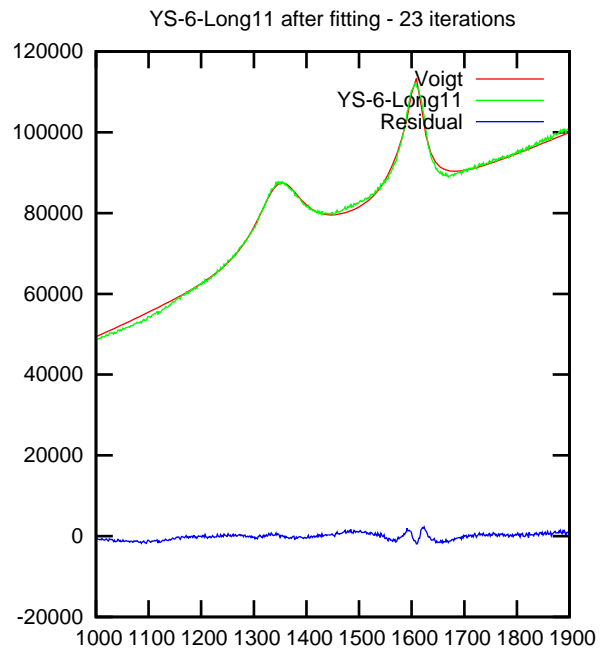
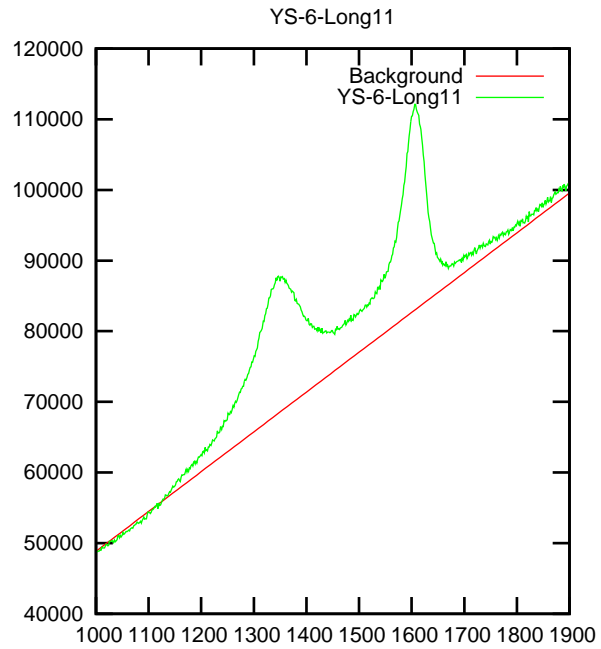
YS-6-Long01 = Noisy

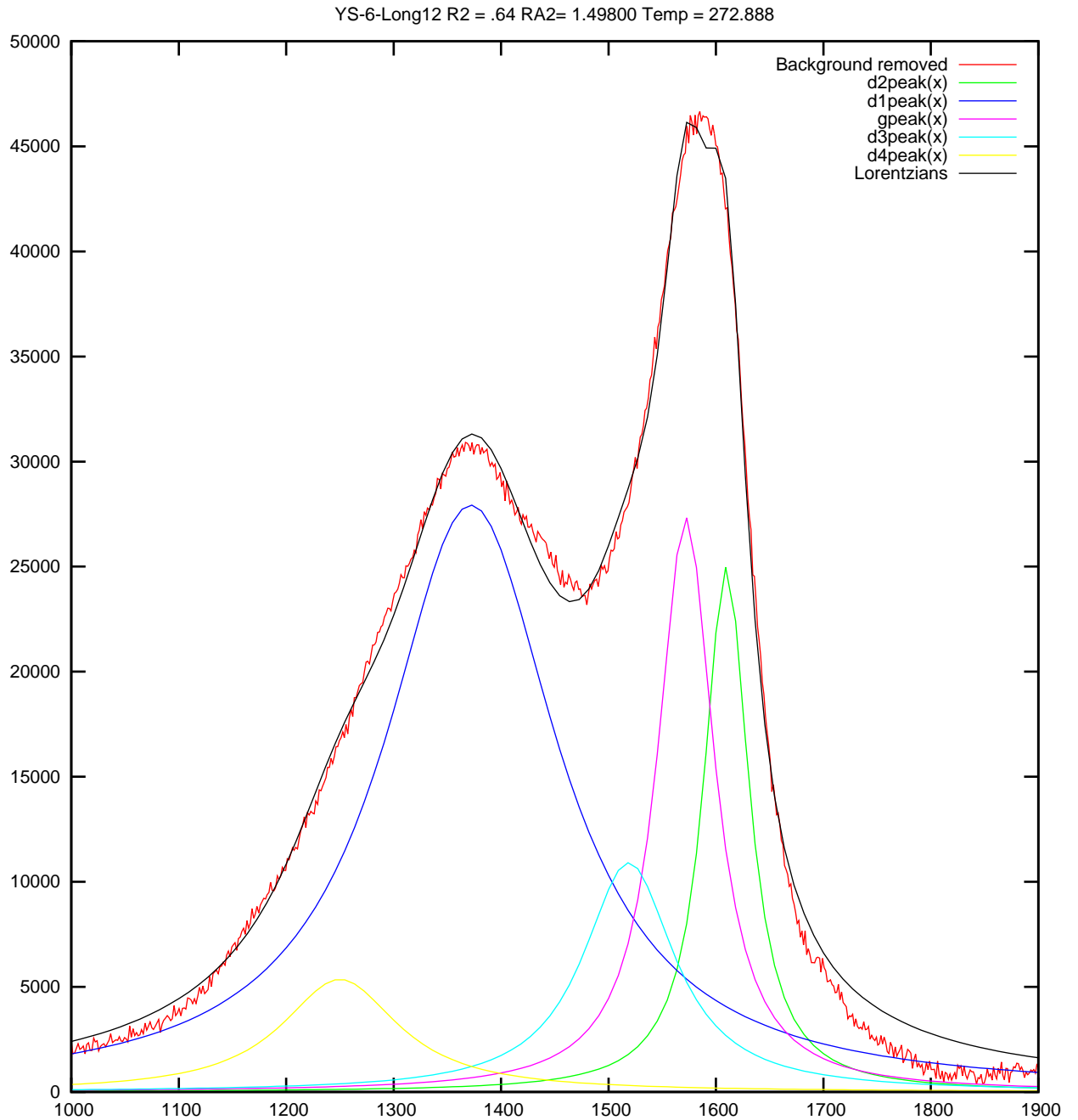
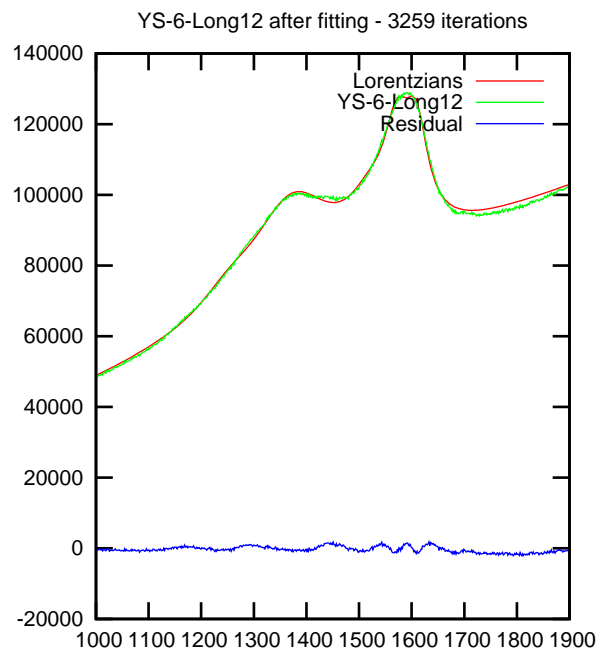
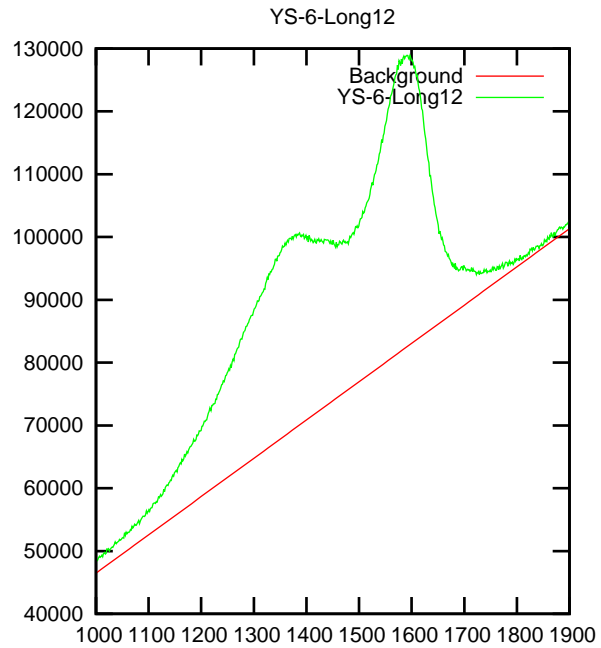


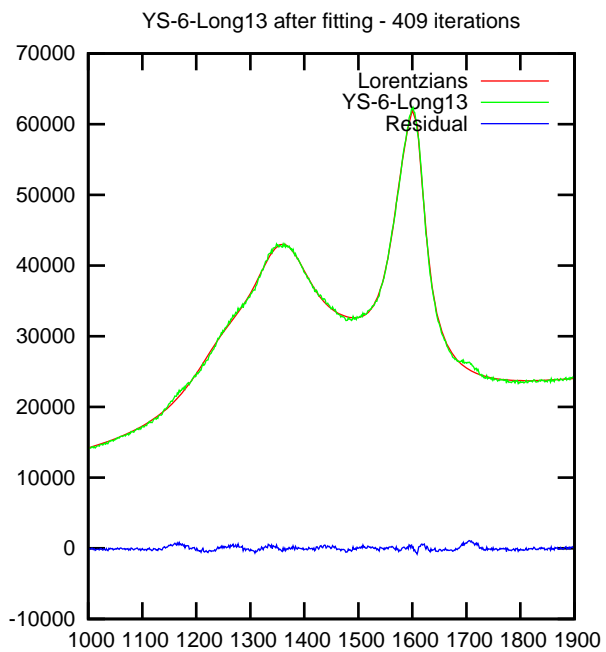
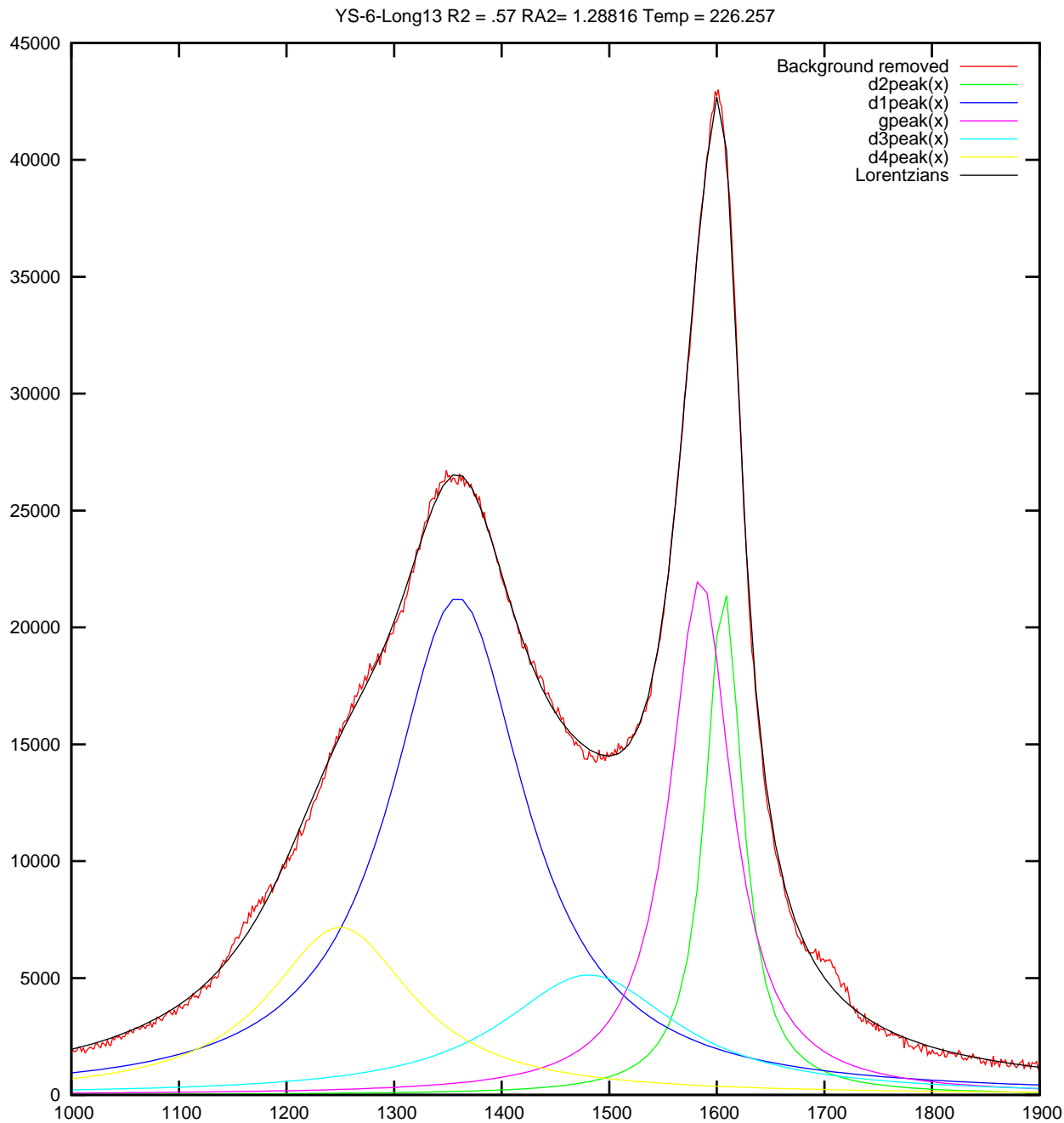
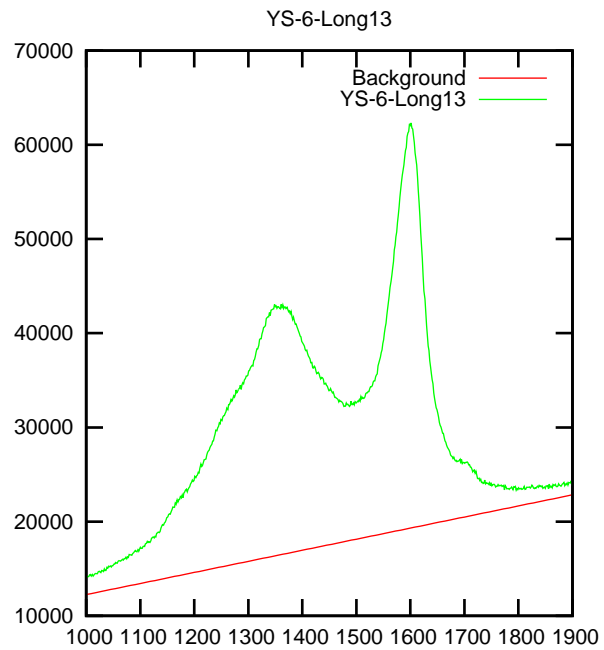
YS-6-Long01 = Noisy



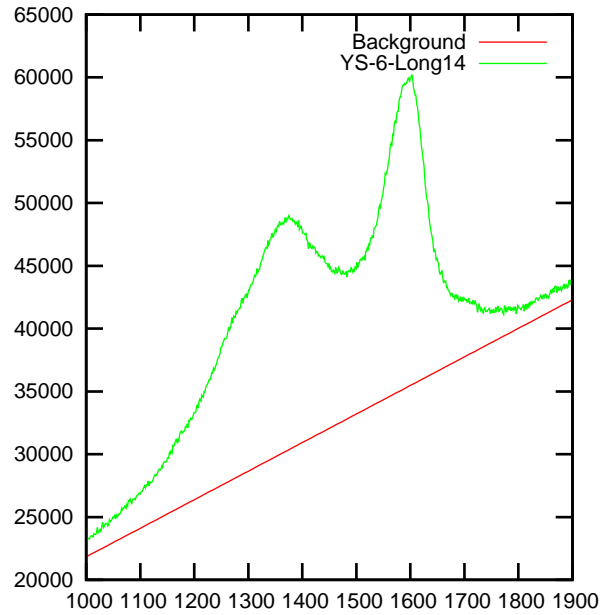




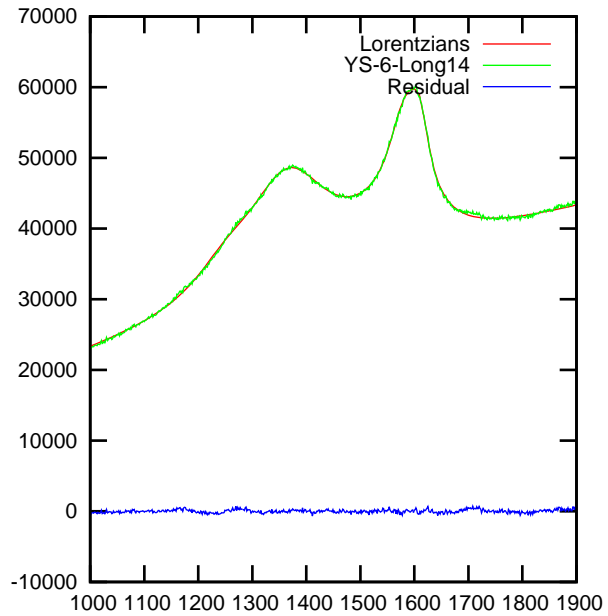




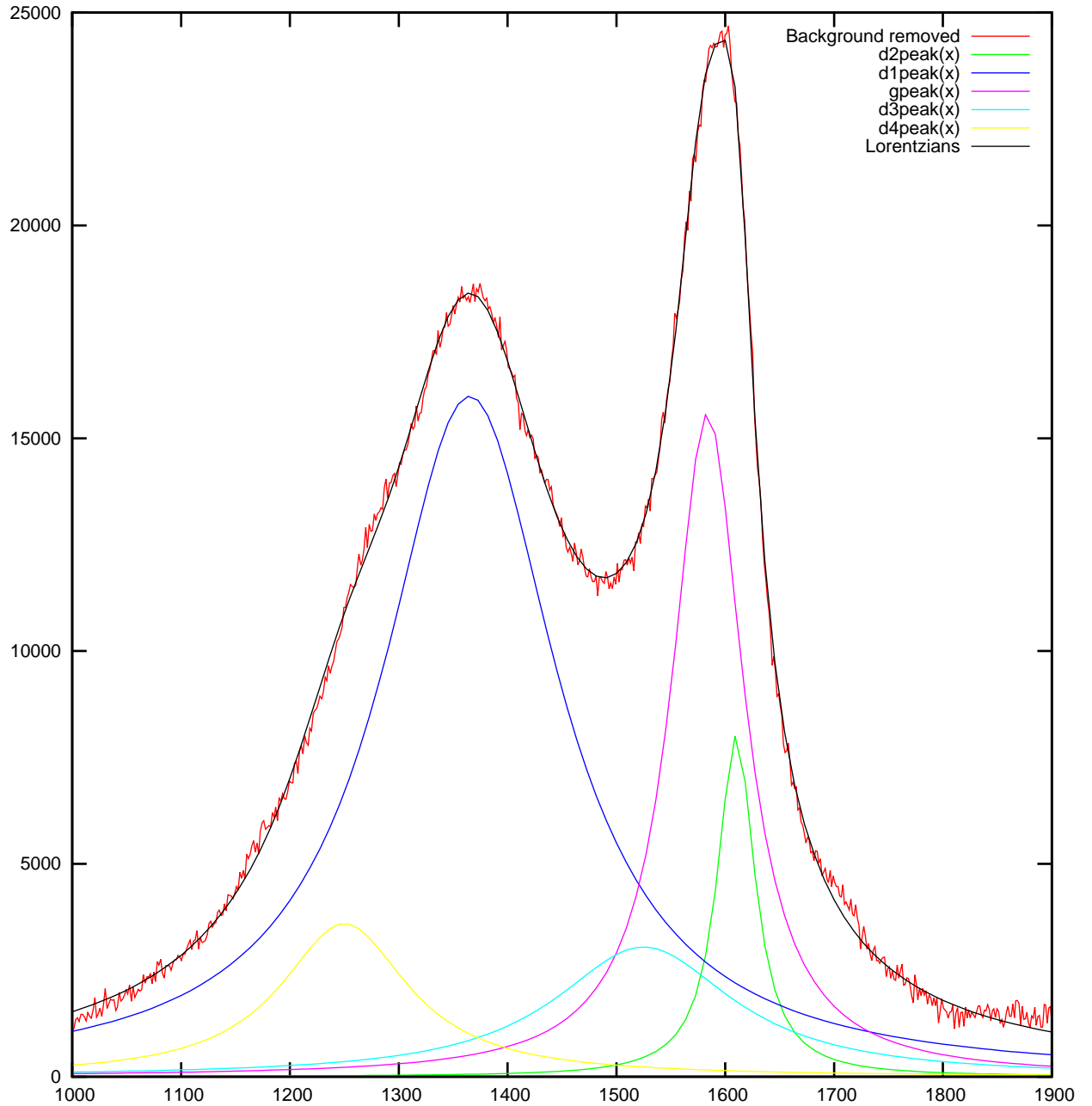
YS-6-Long14

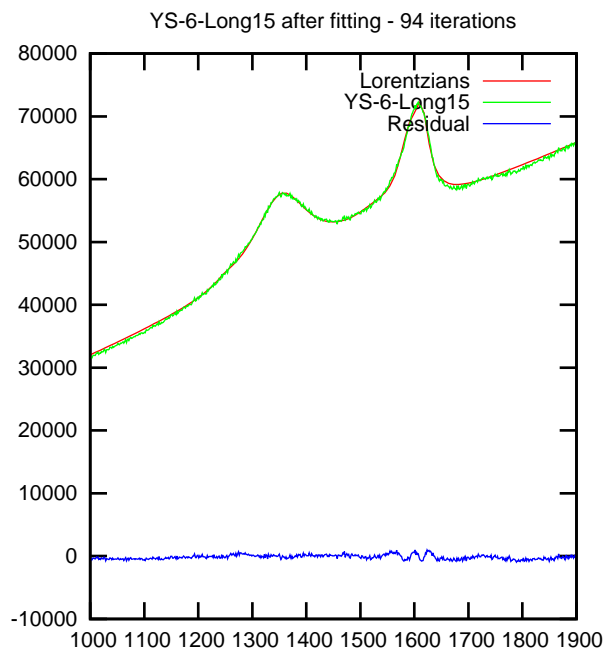
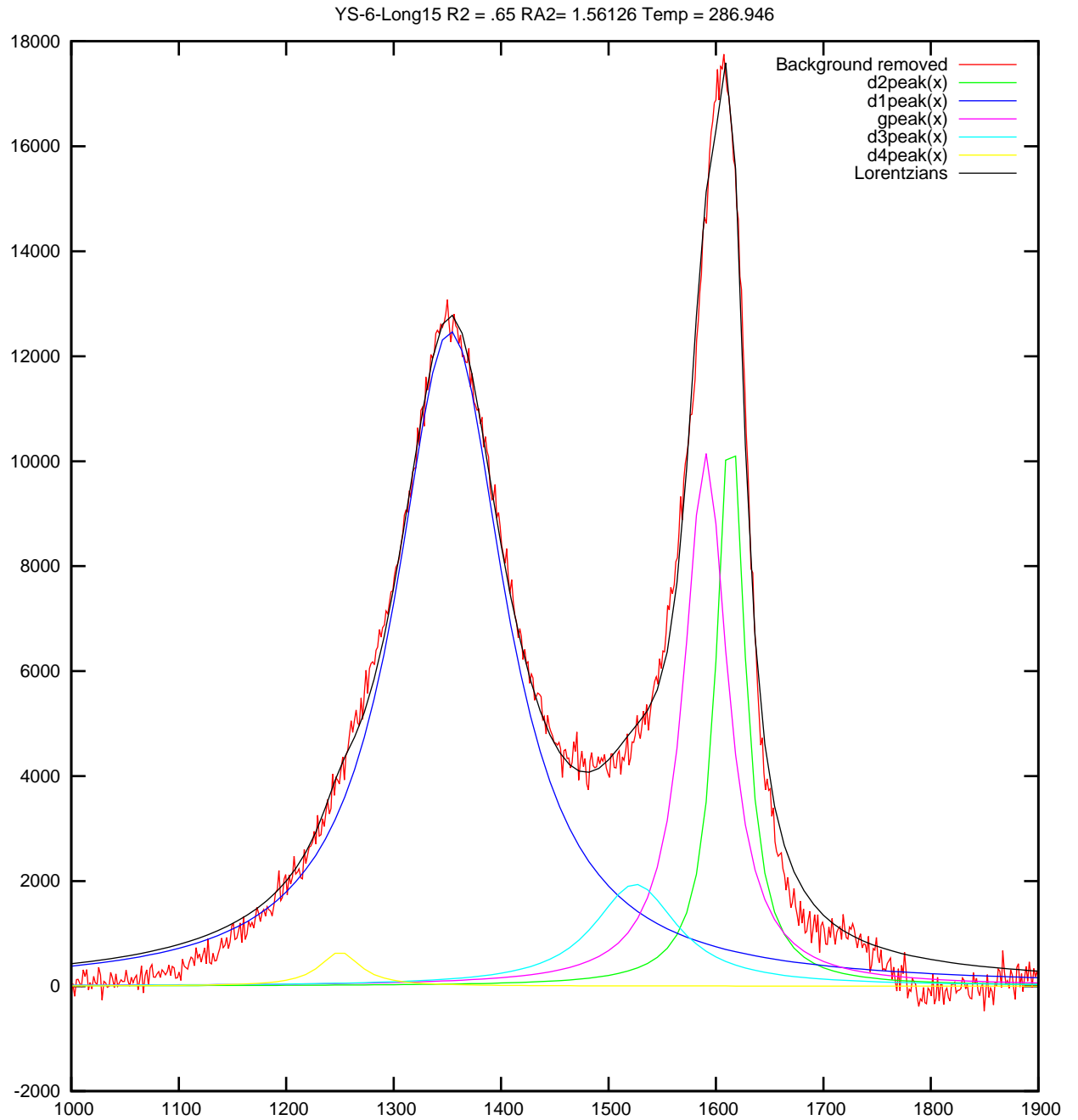
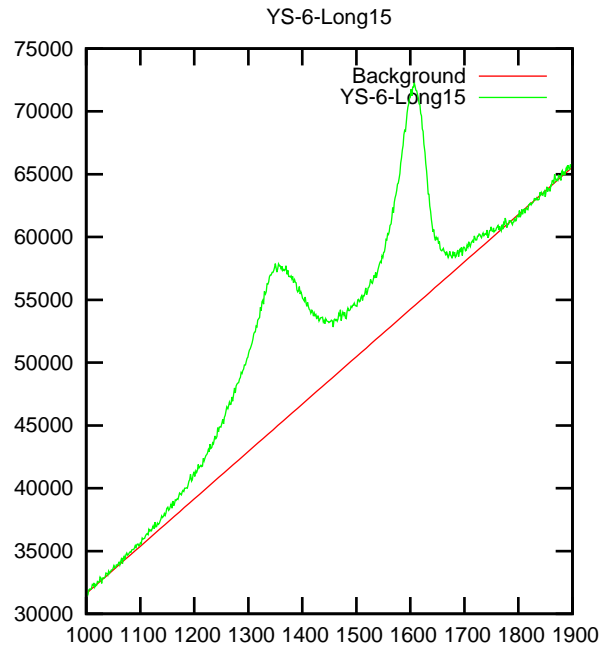


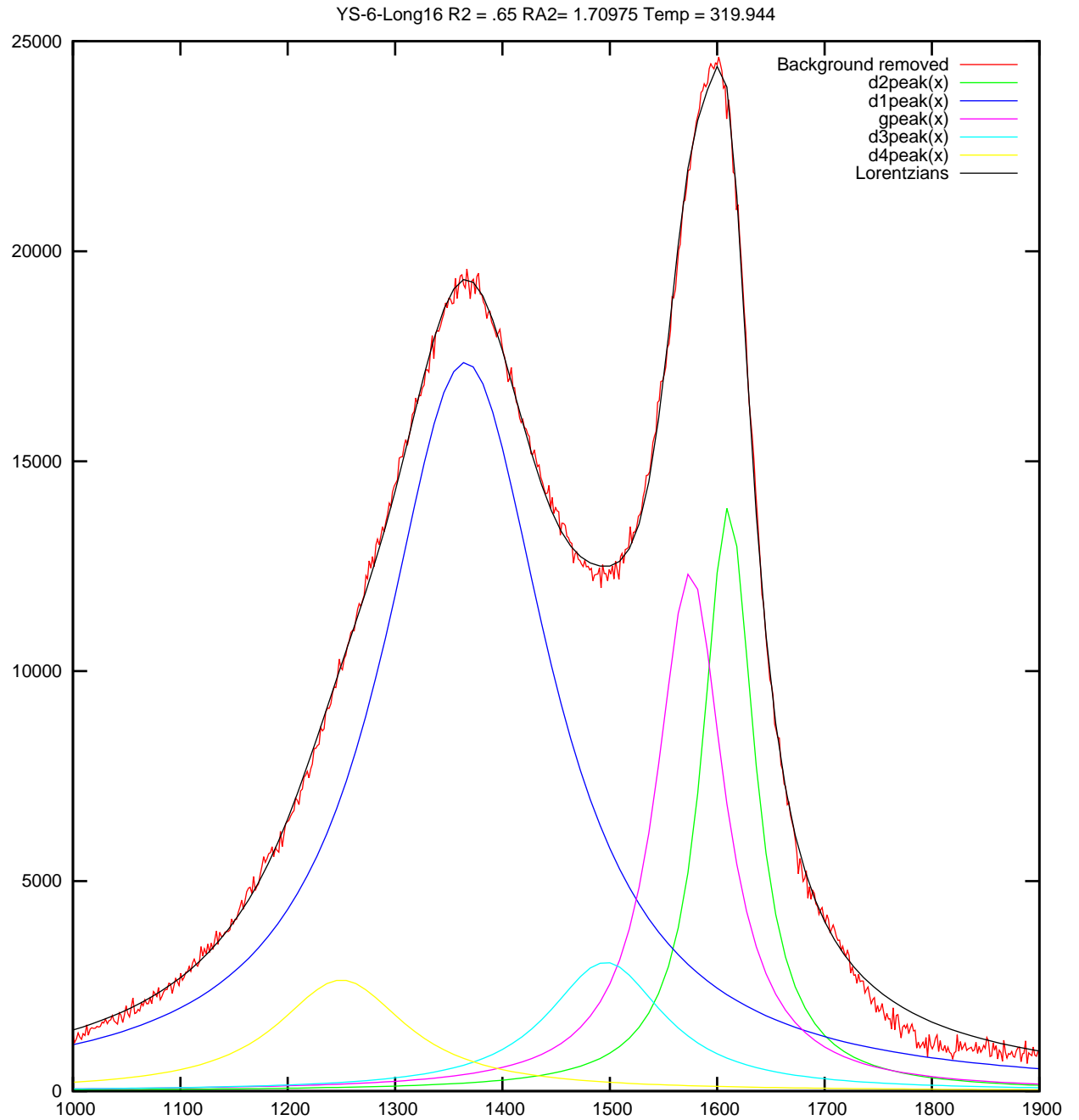
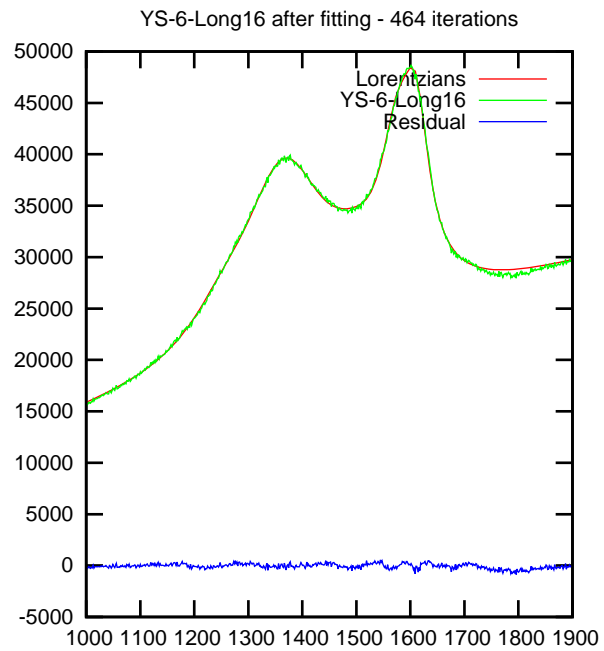
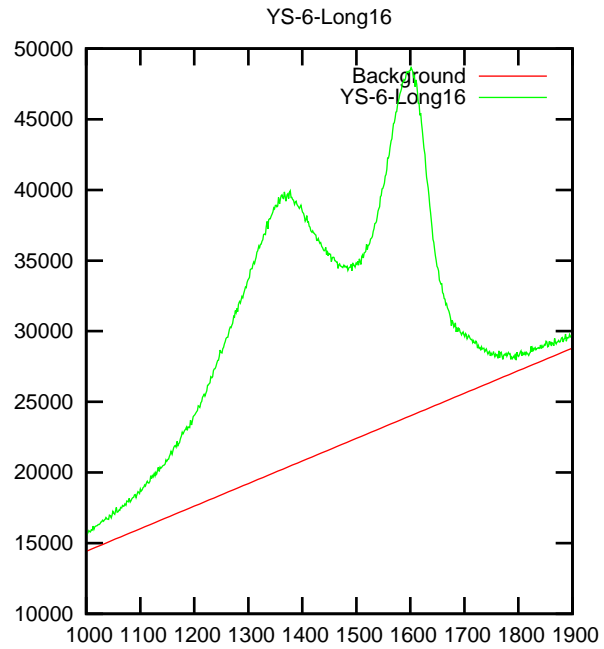
YS-6-Long14 after fitting - 718 iterations

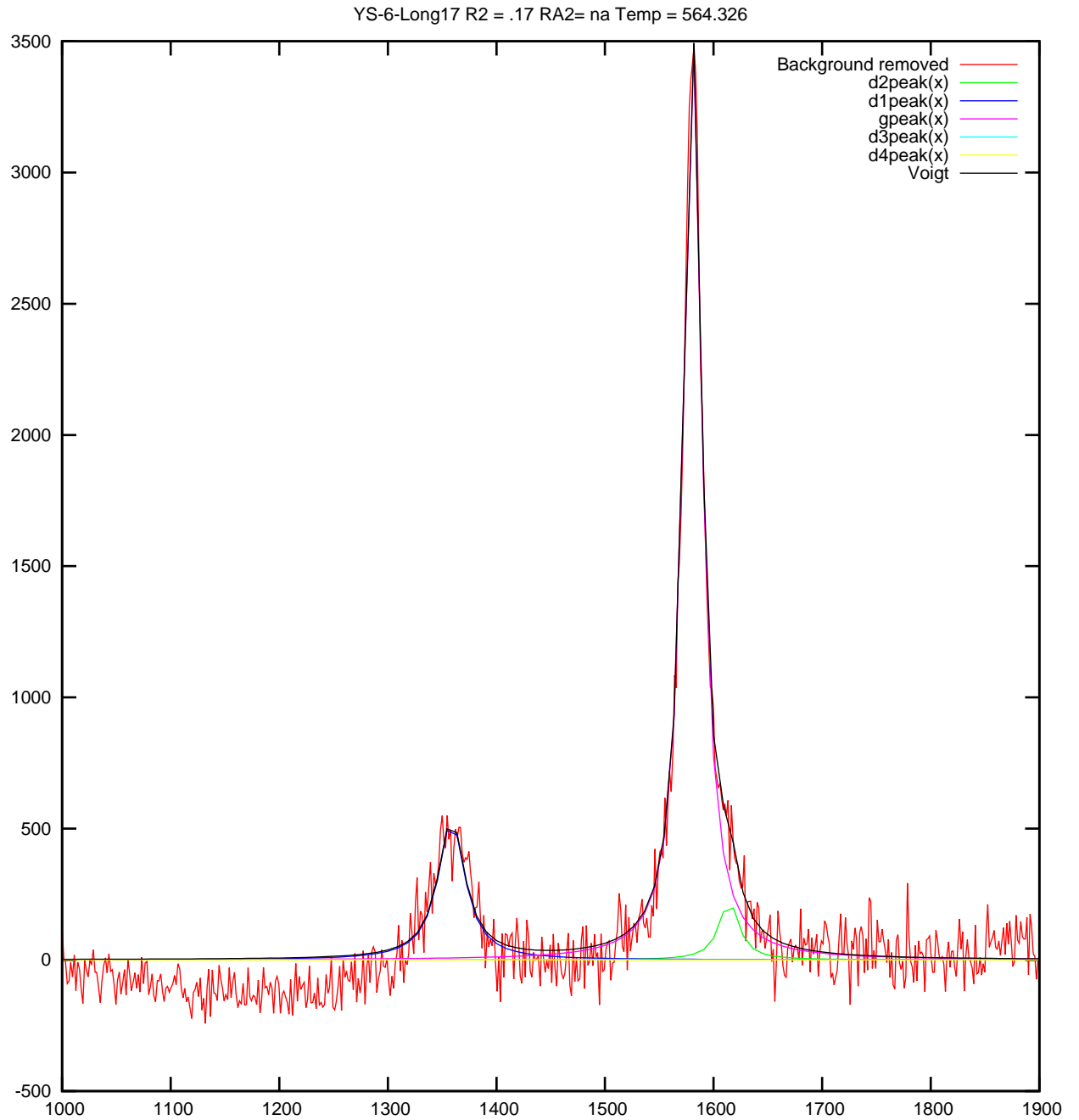
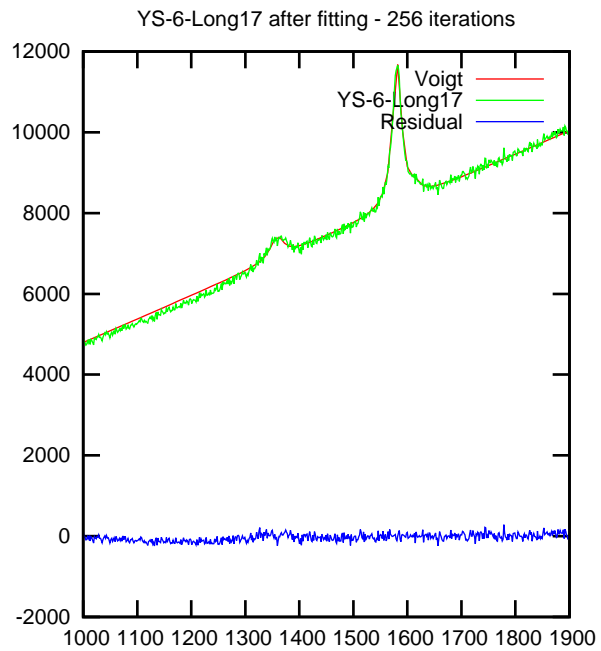
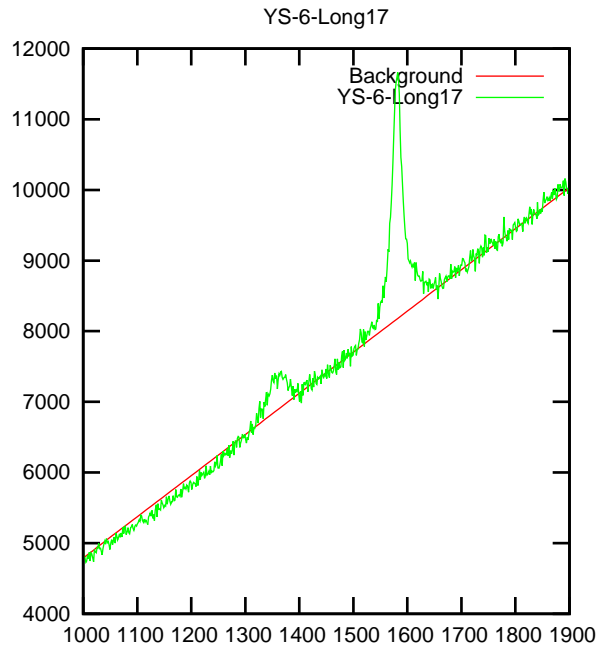


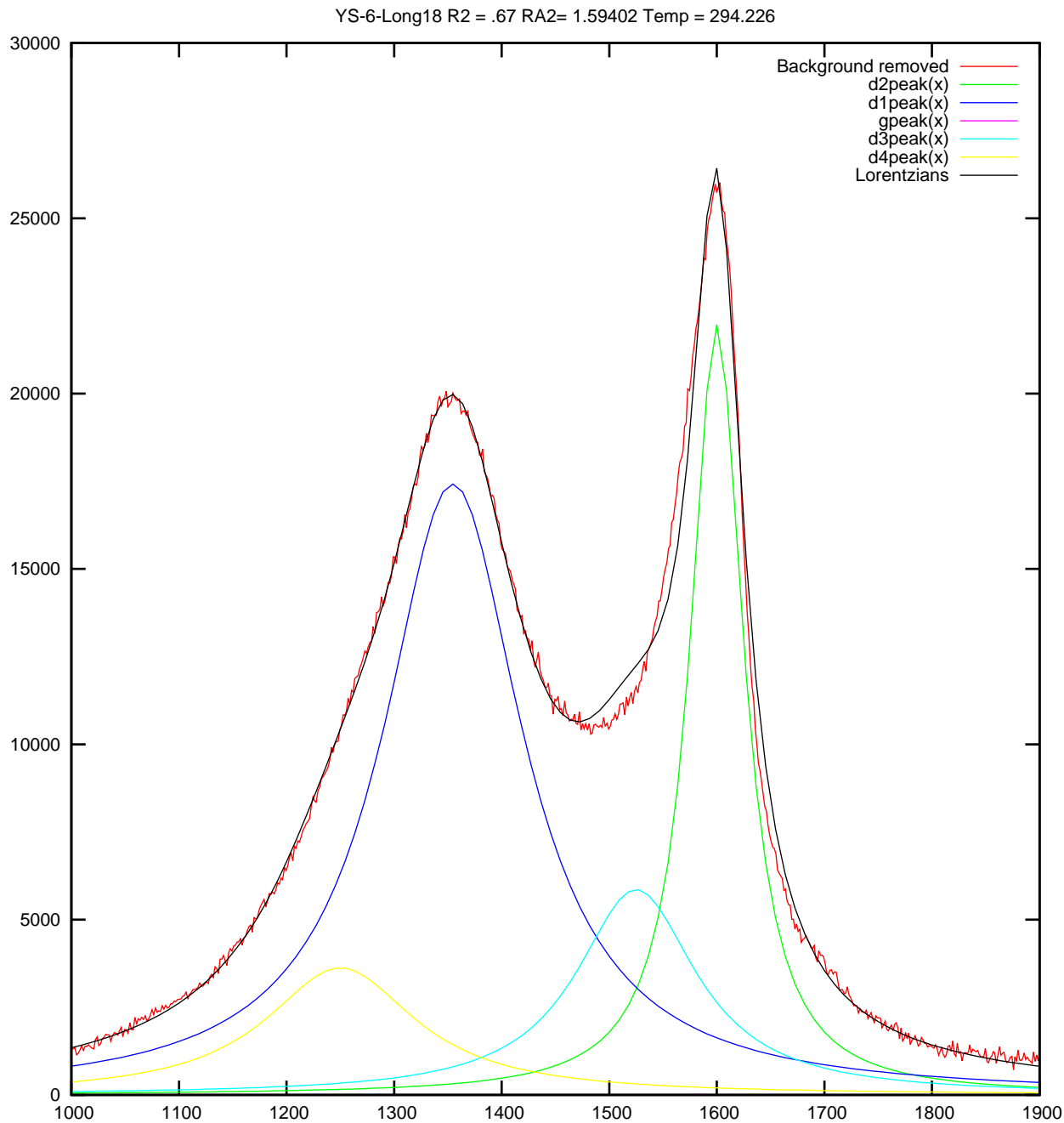
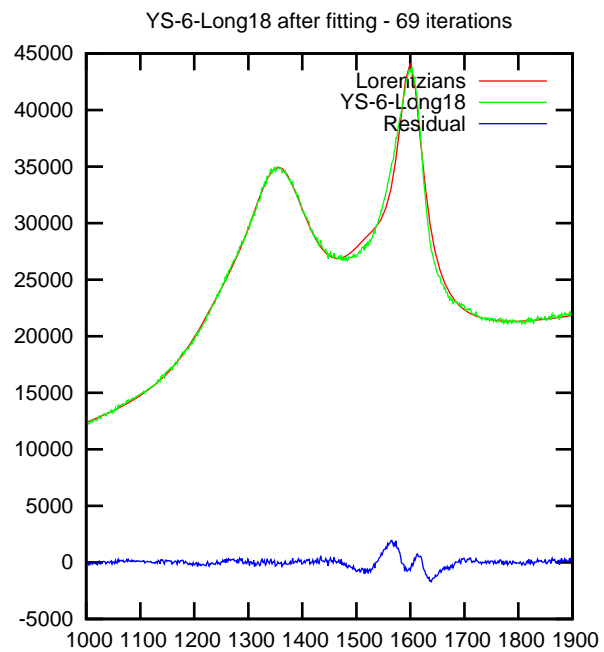
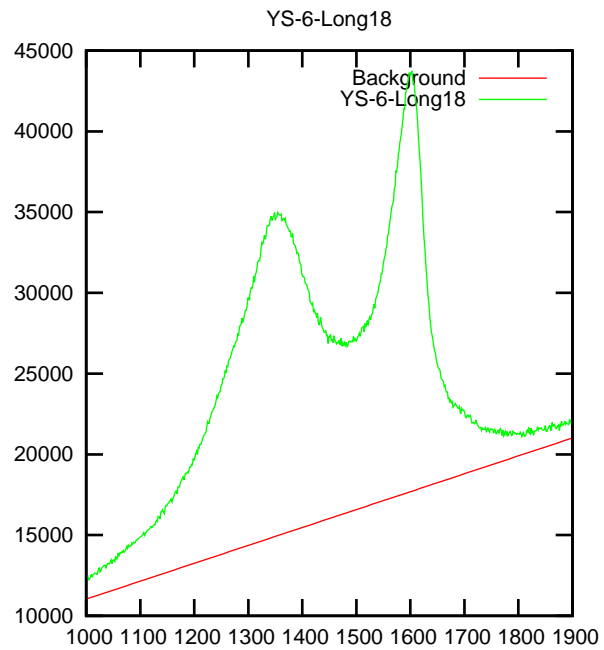
YS-6-Long14 R2 = .66 RA2= 1.65672 Temp = 308.160

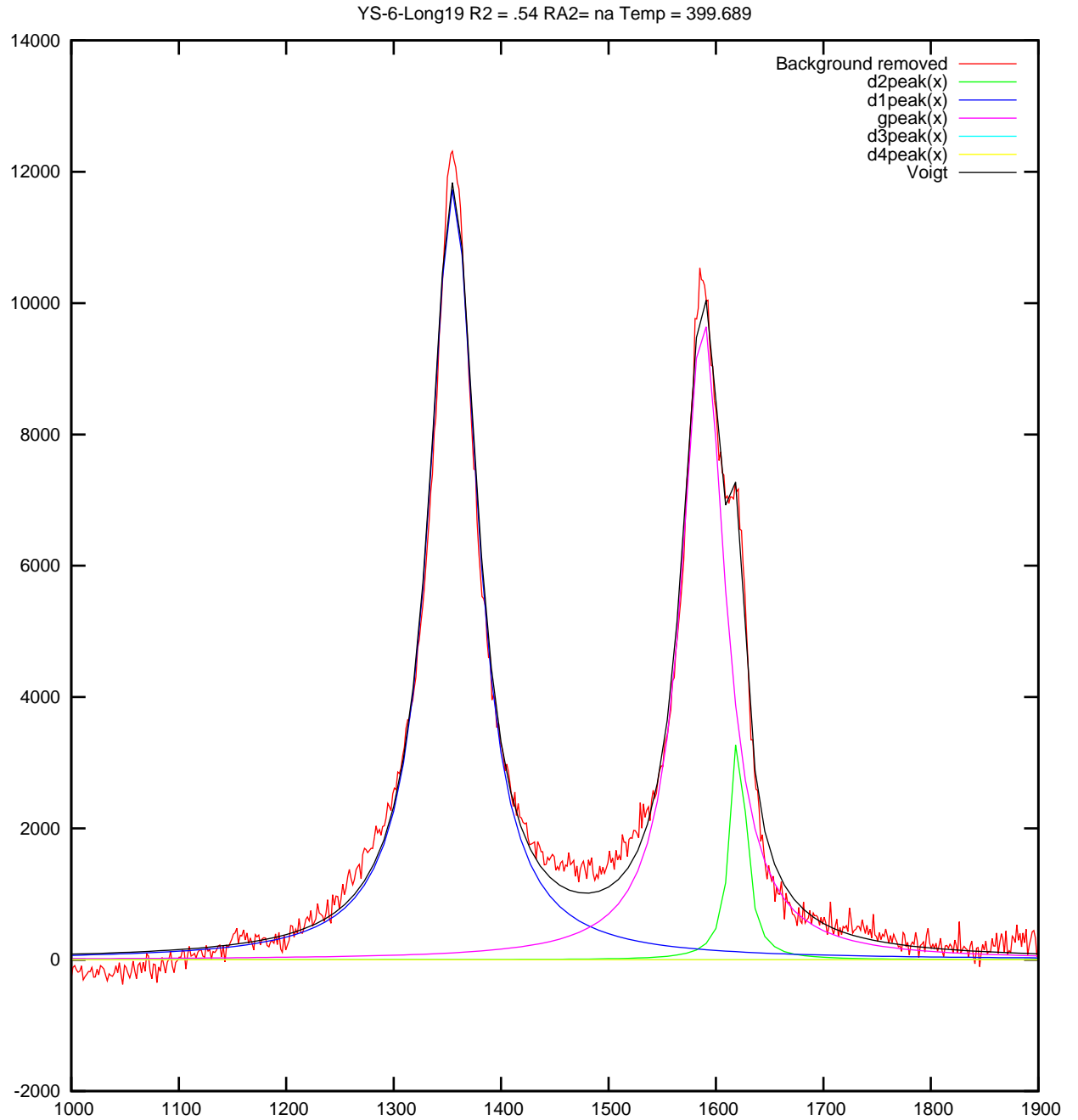
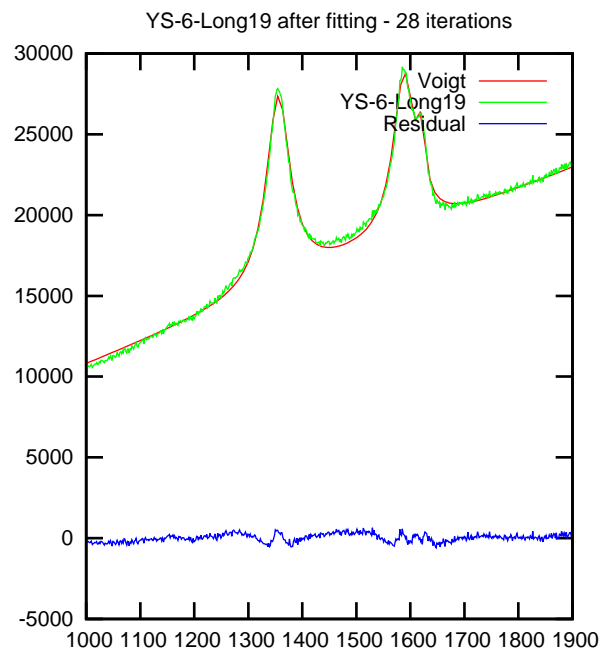
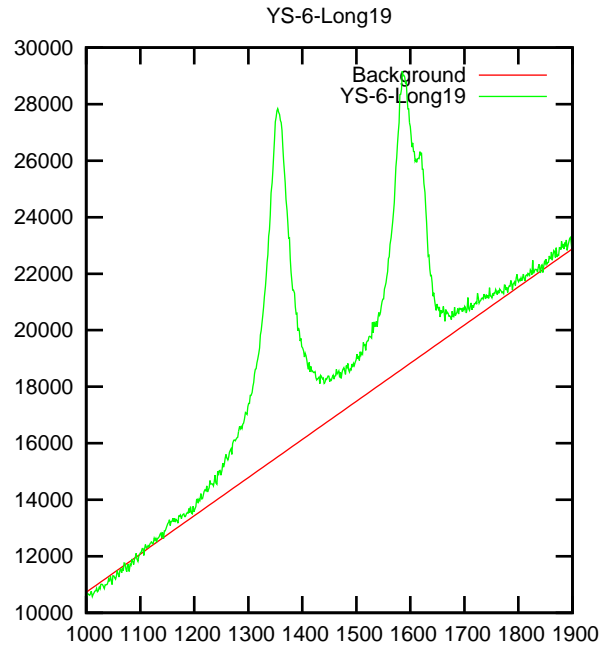


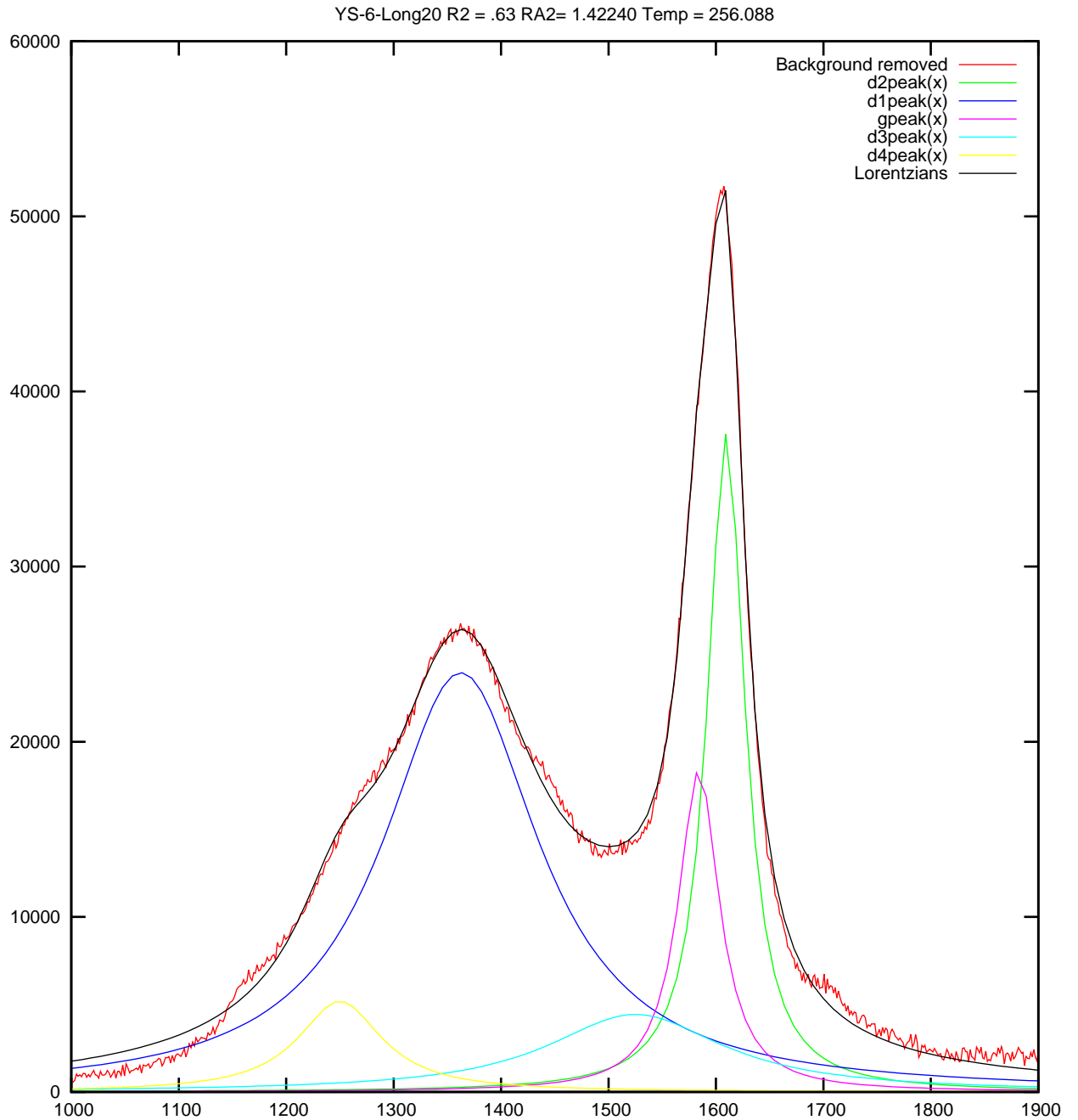
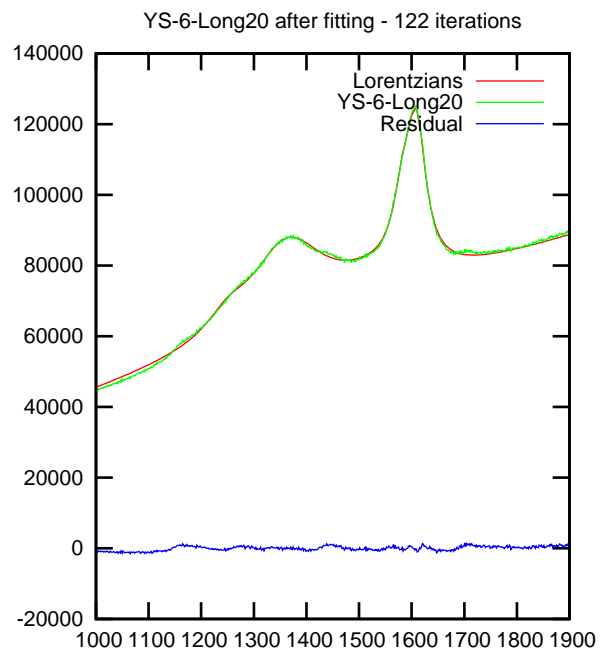
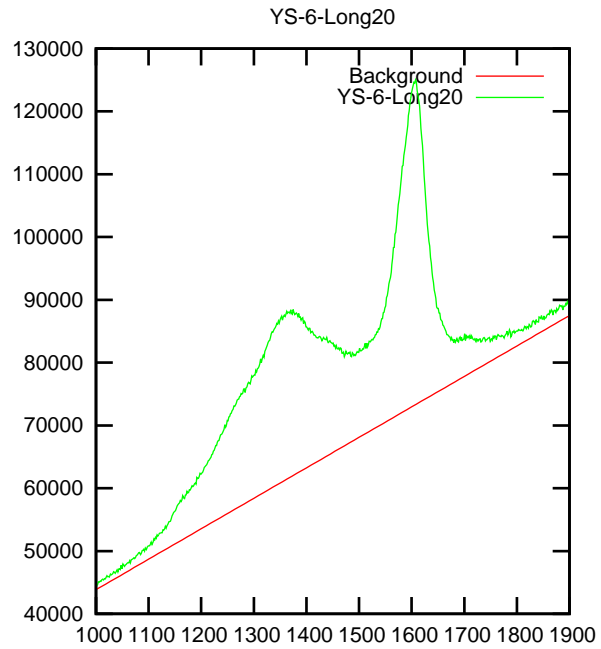




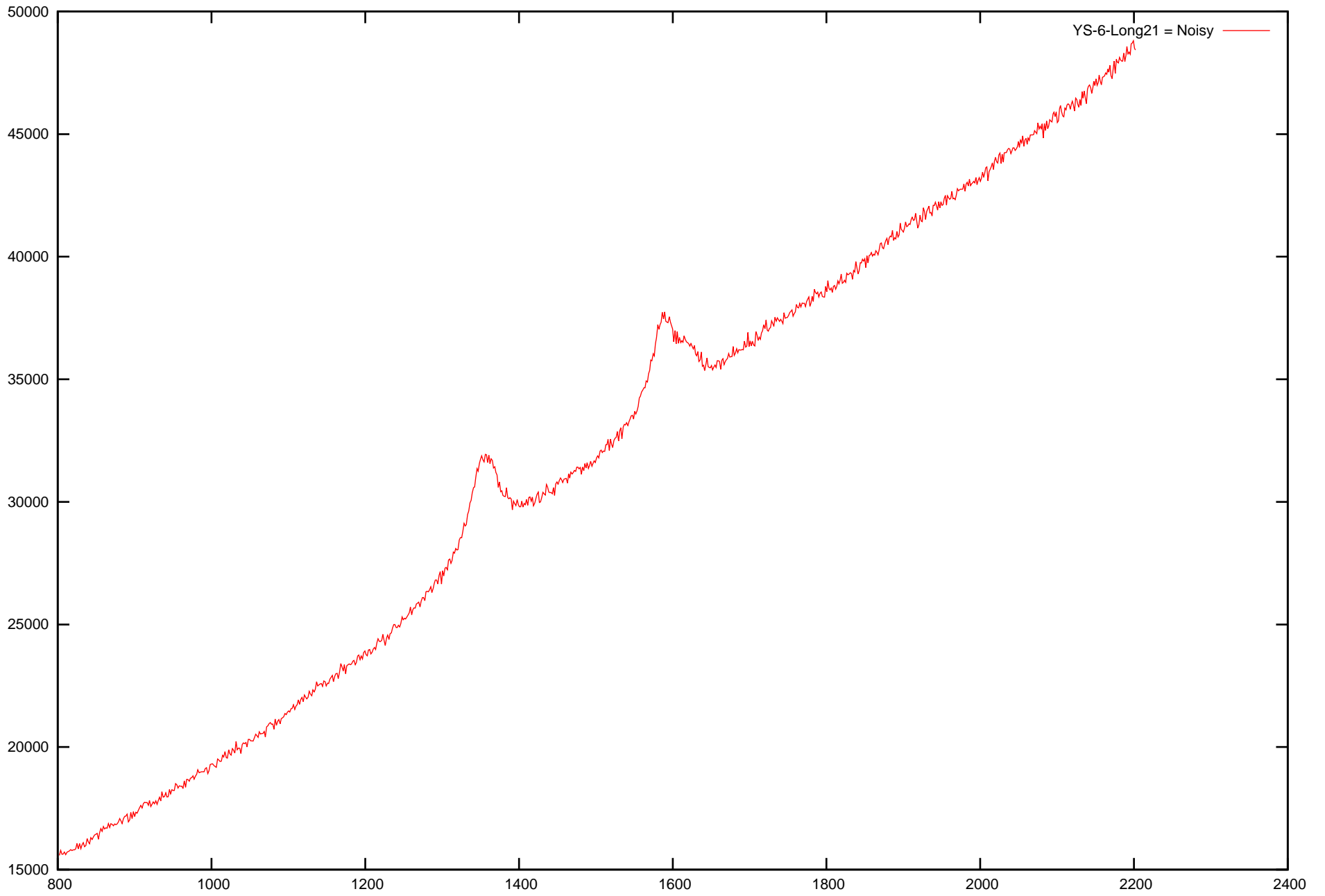




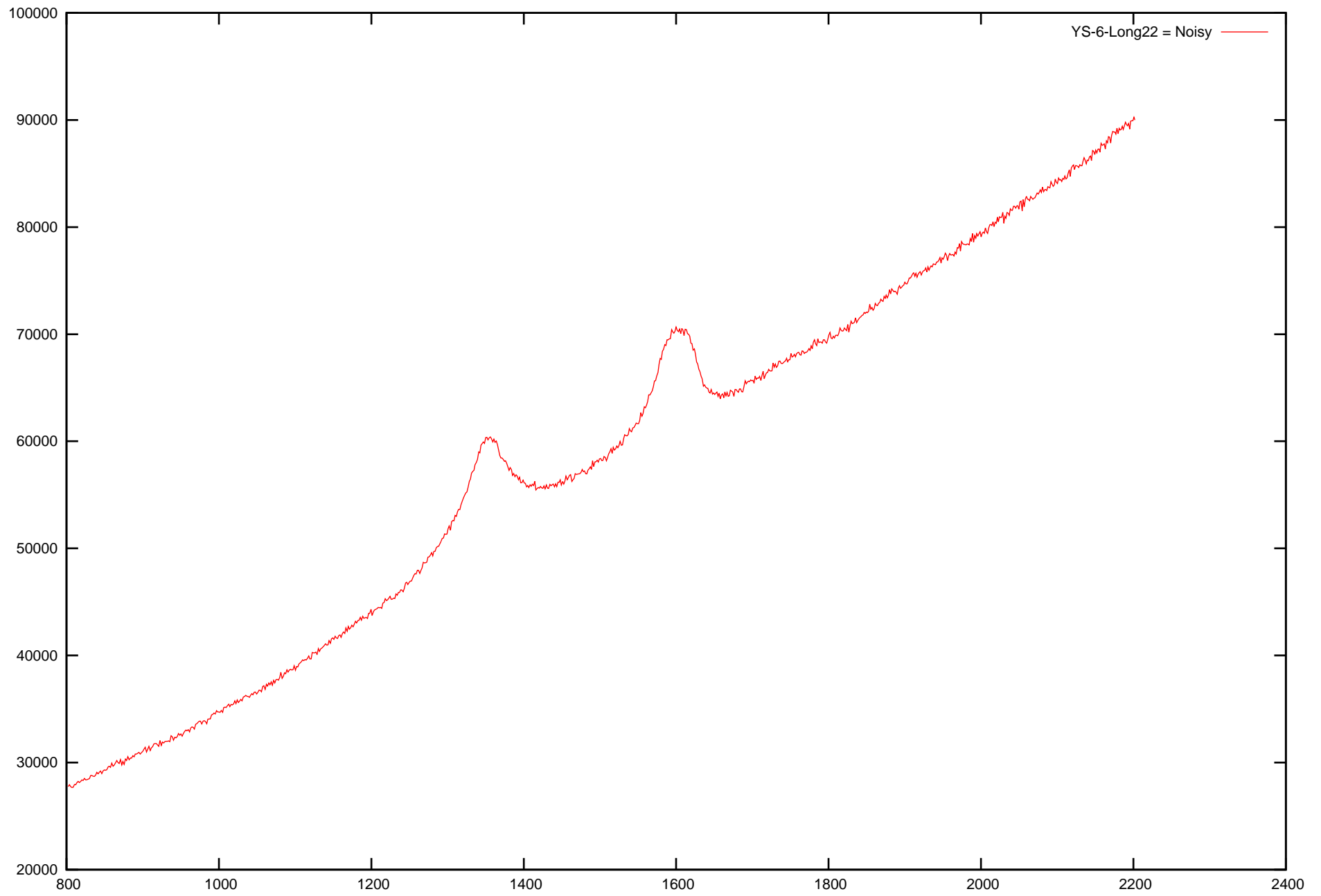




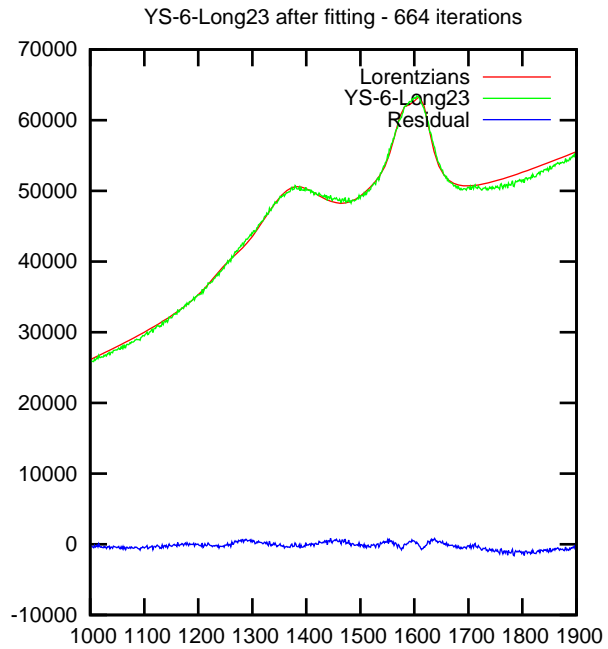
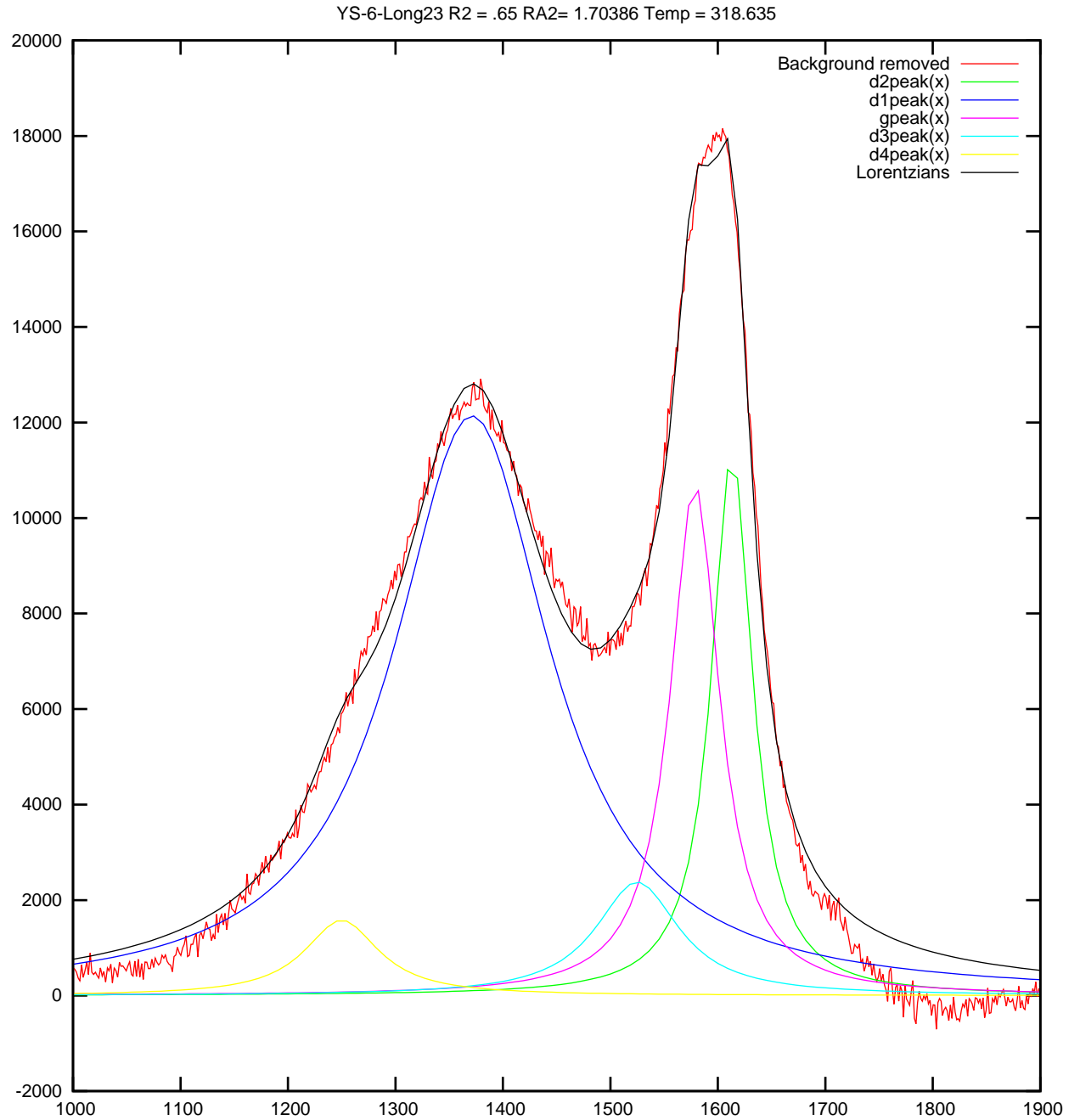
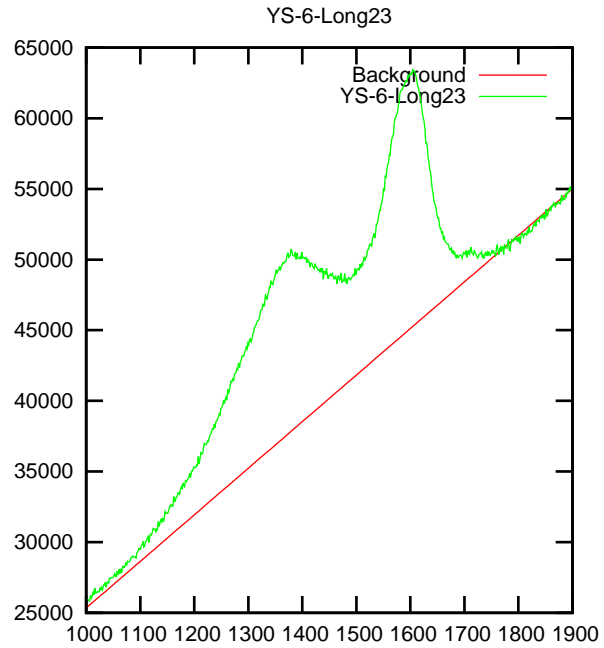
YS-6-Long21 = Noisy

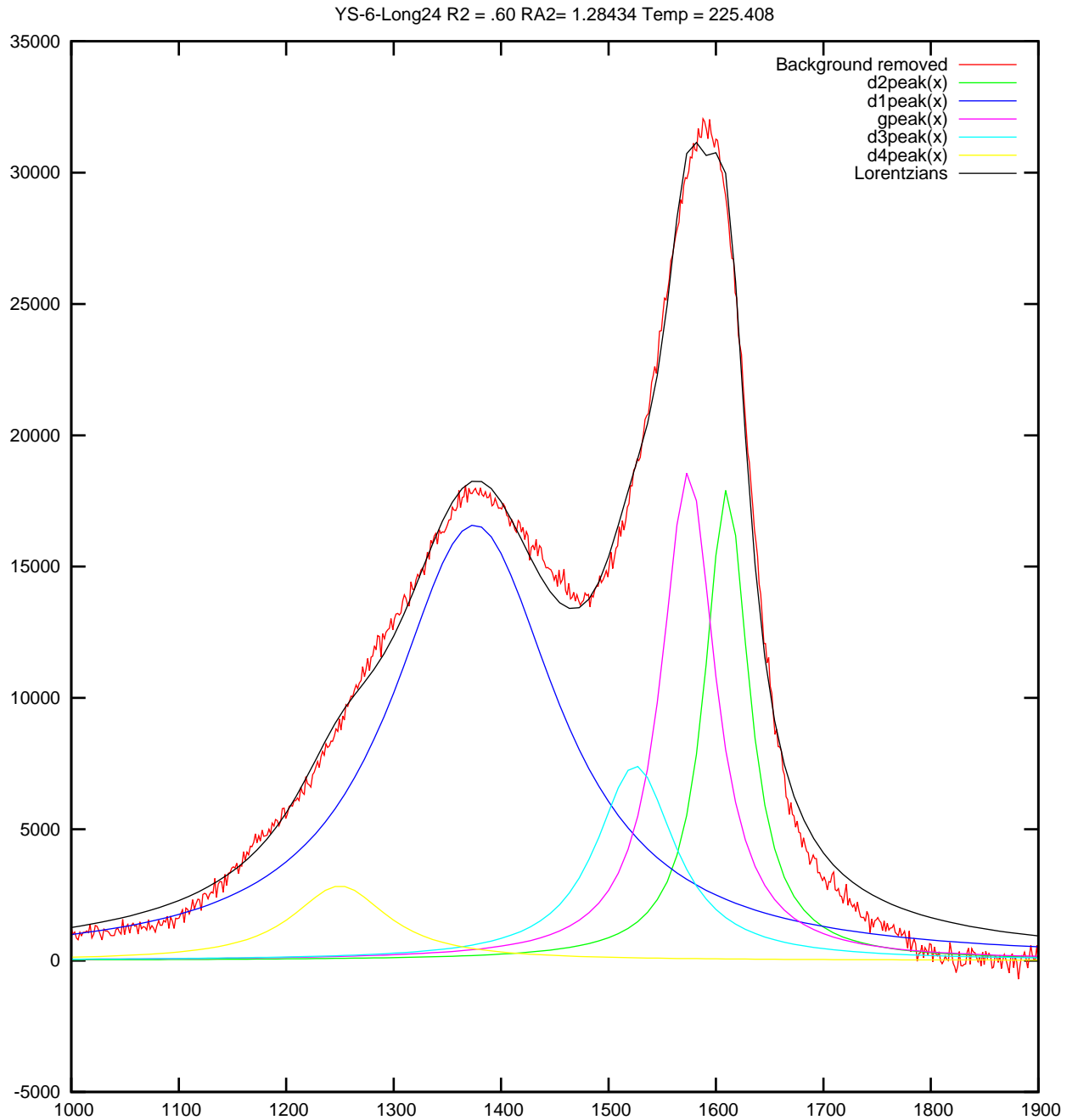
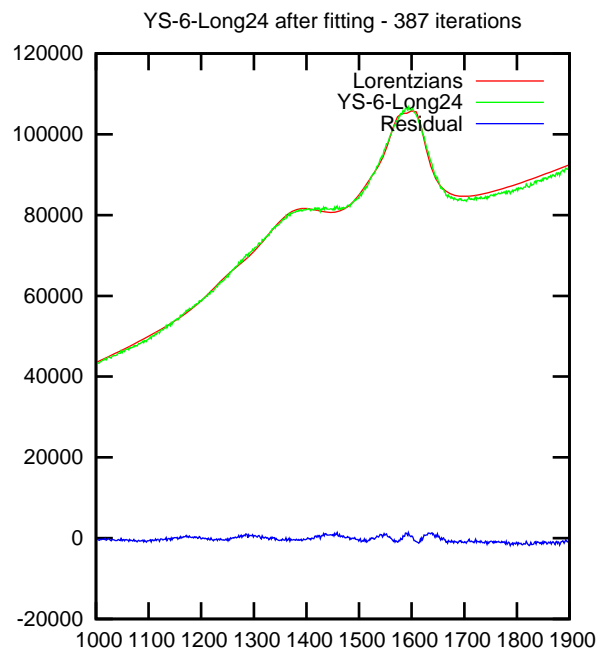
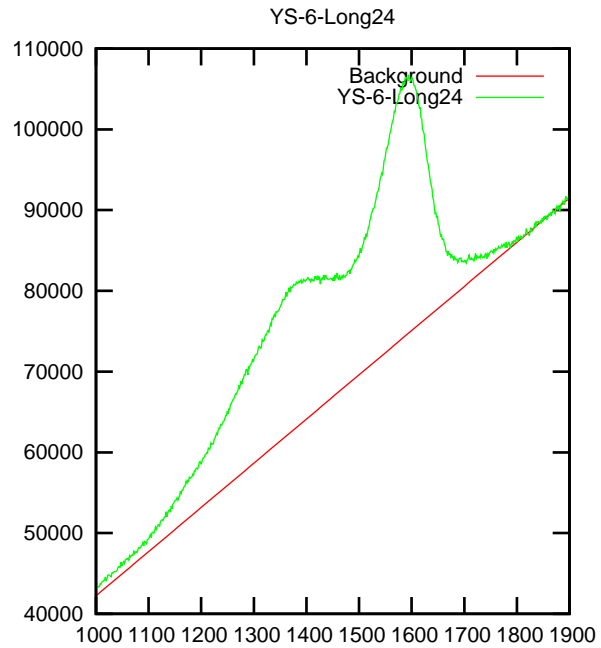


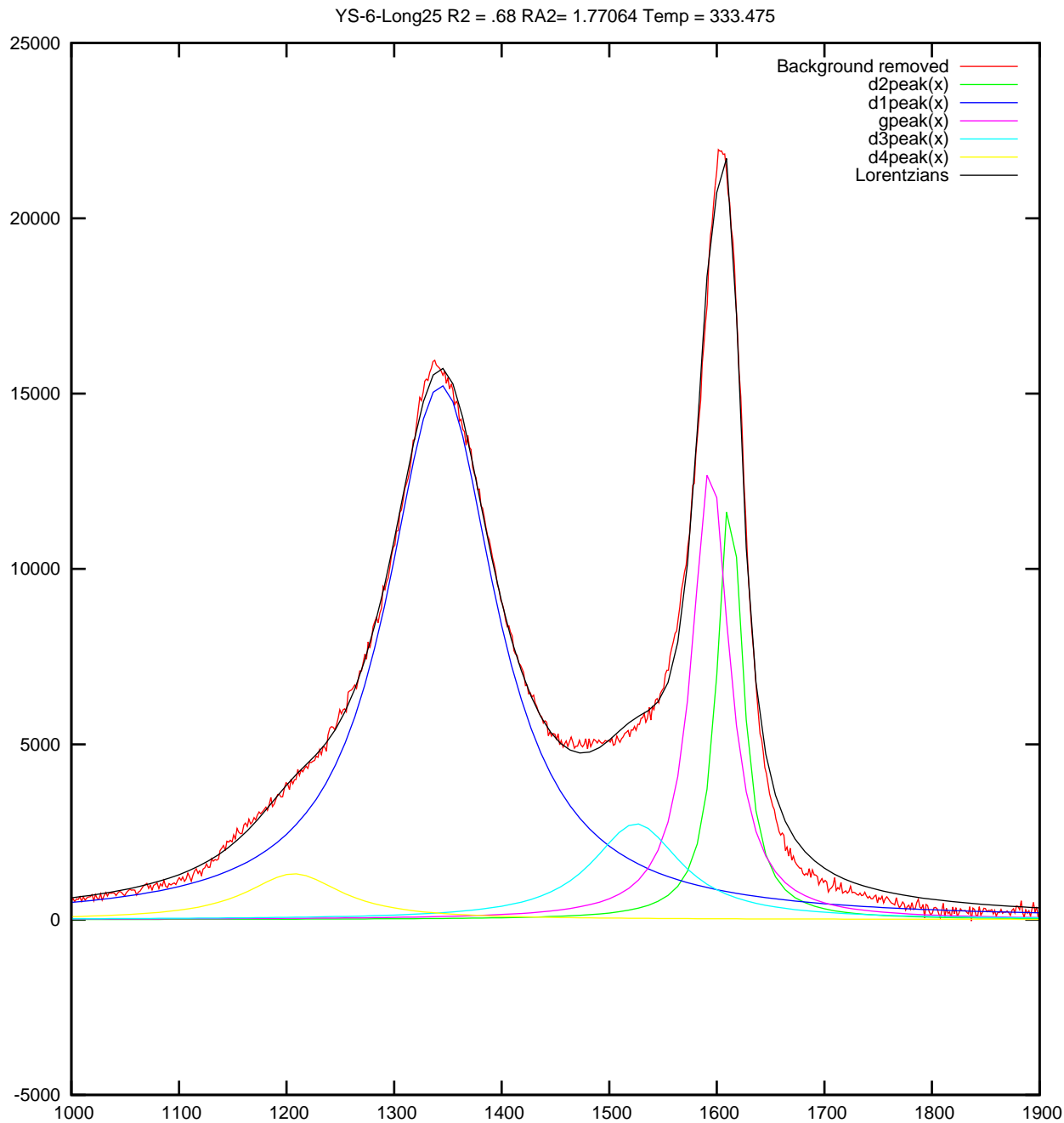
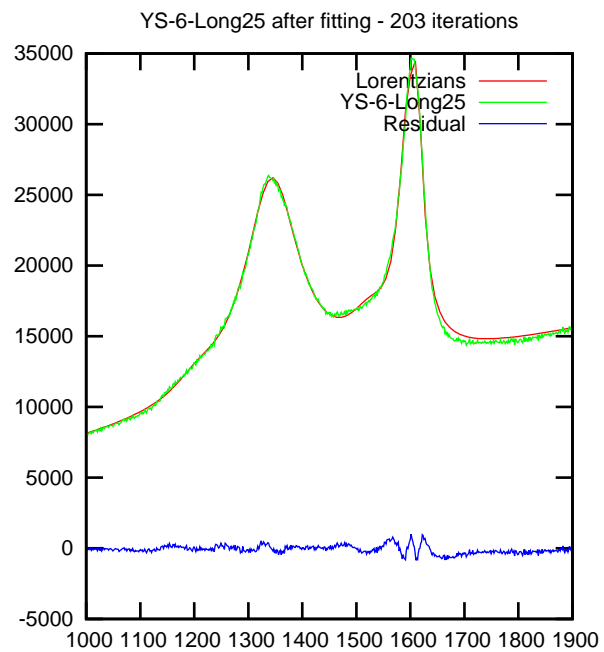
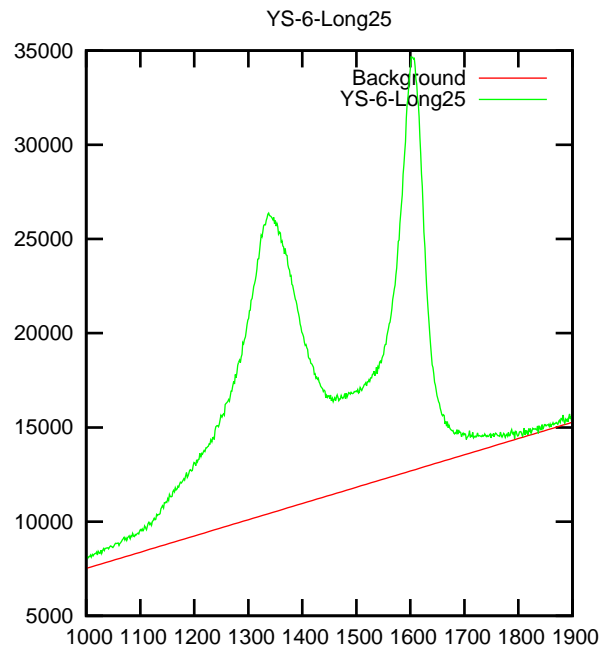
YS-6-Long22 = Noisy

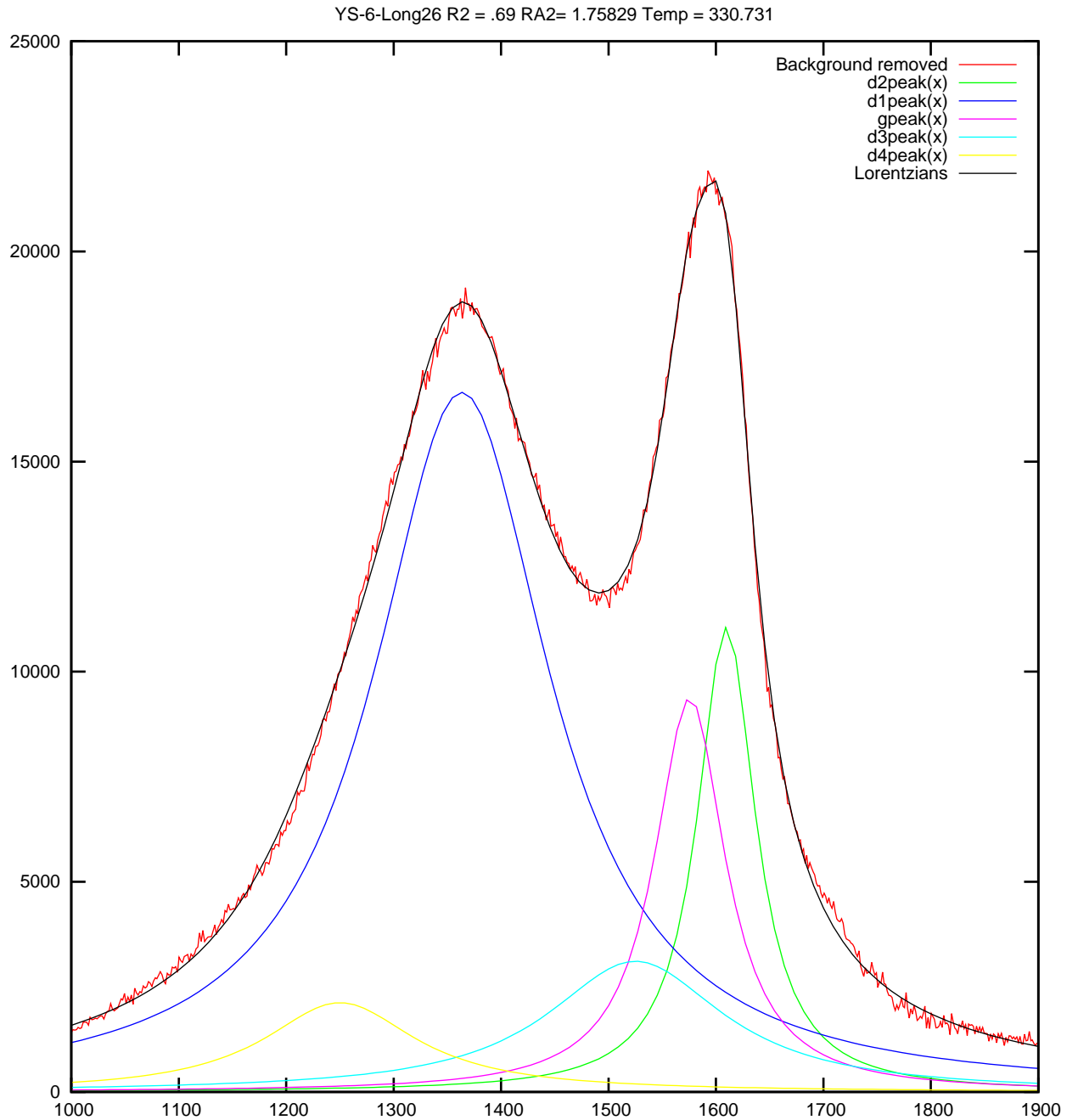
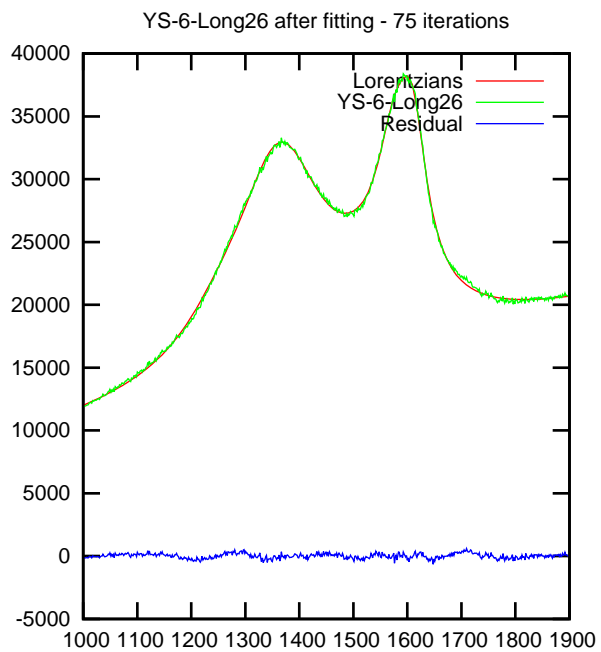
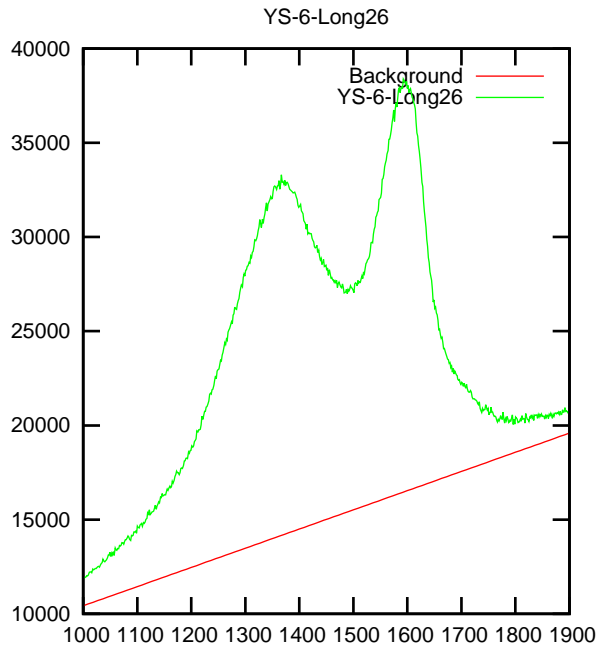


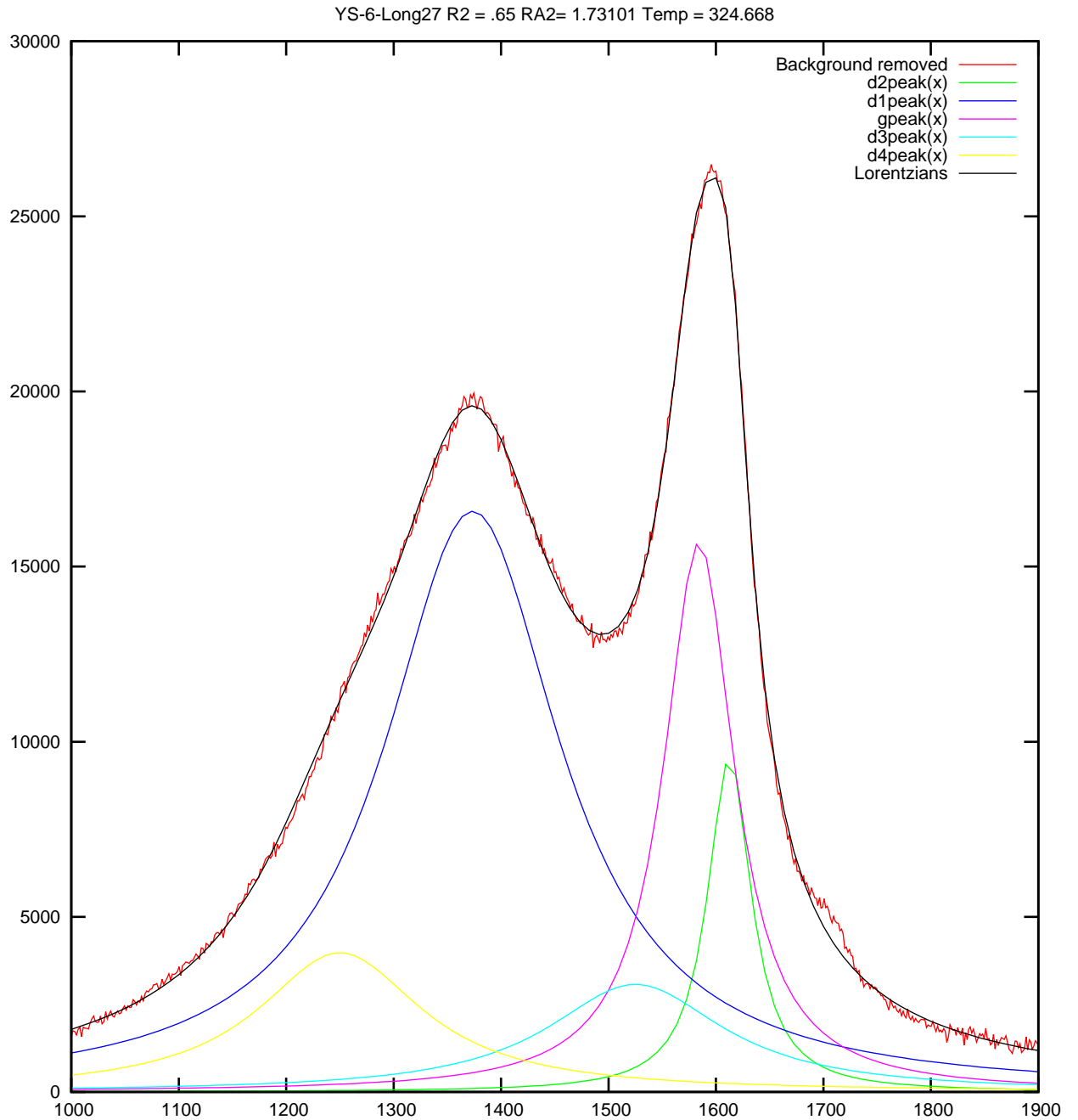
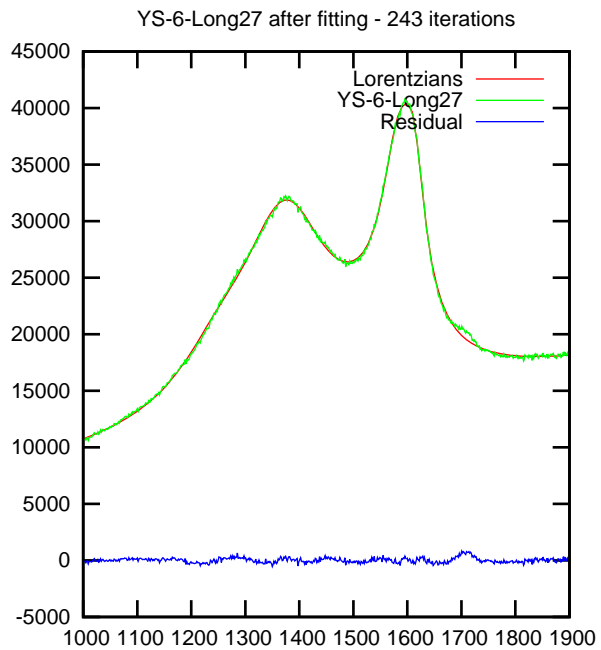
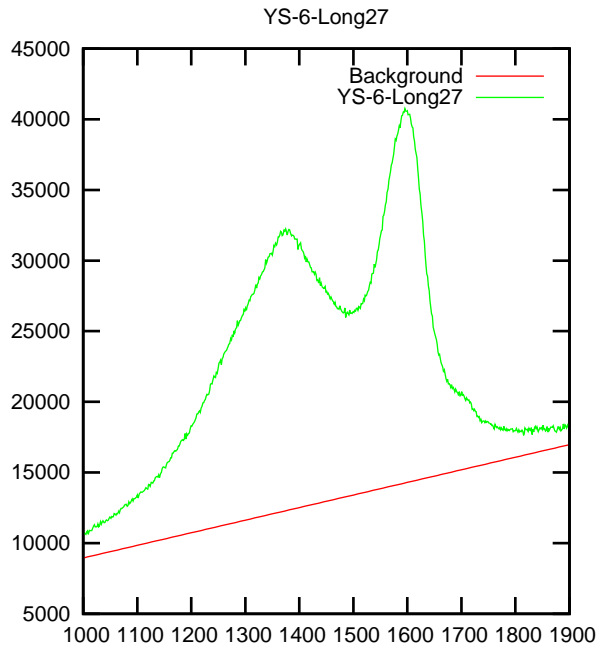
YS-6-Long22 = Noisy



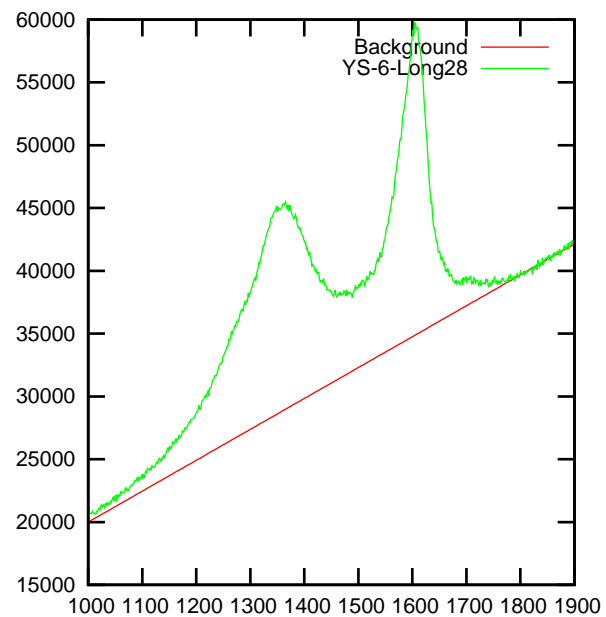




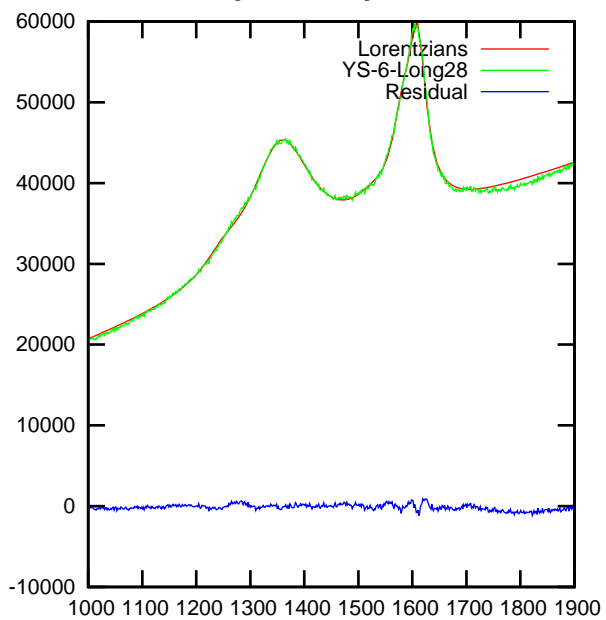




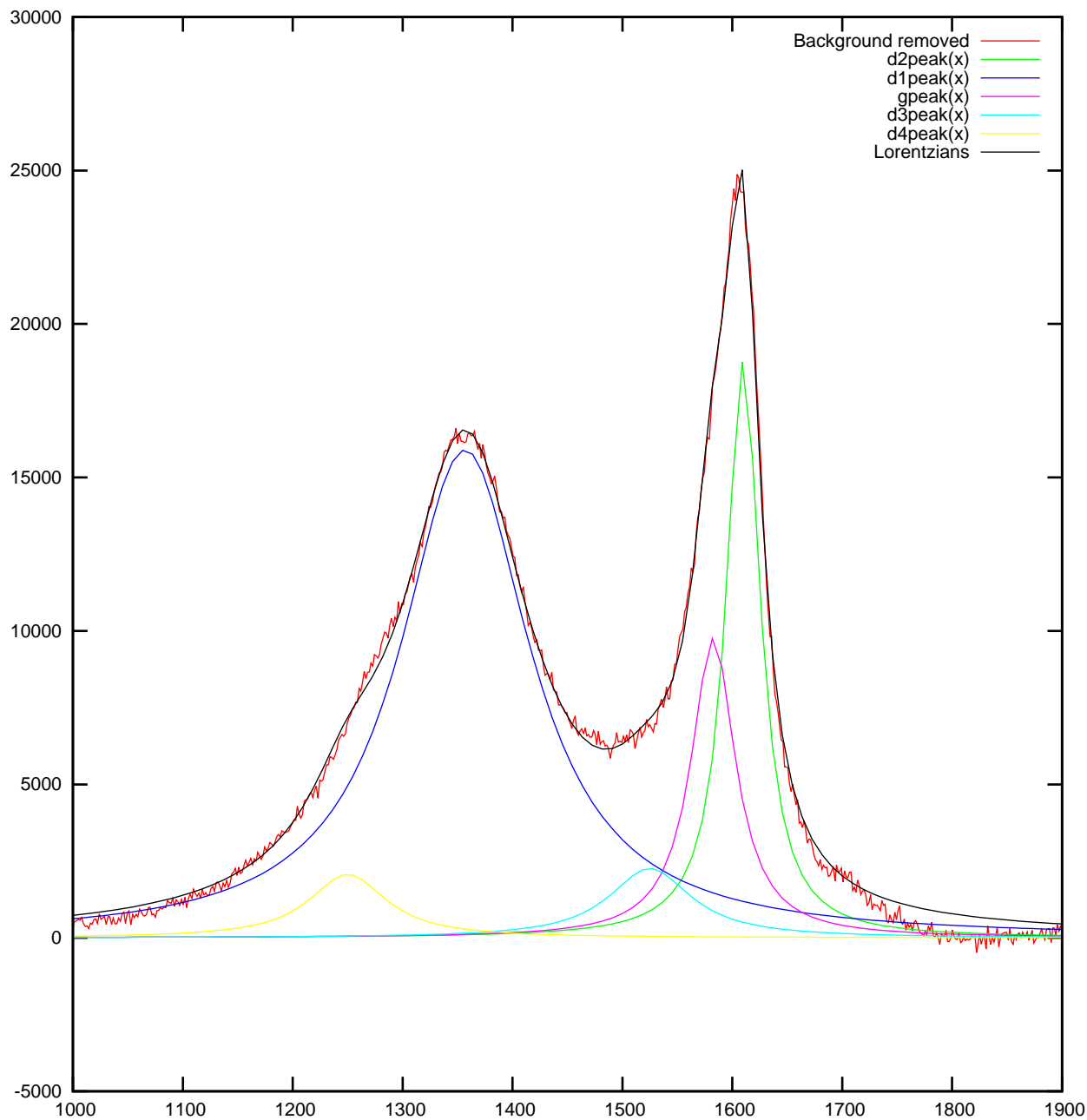
YS-6-Long28

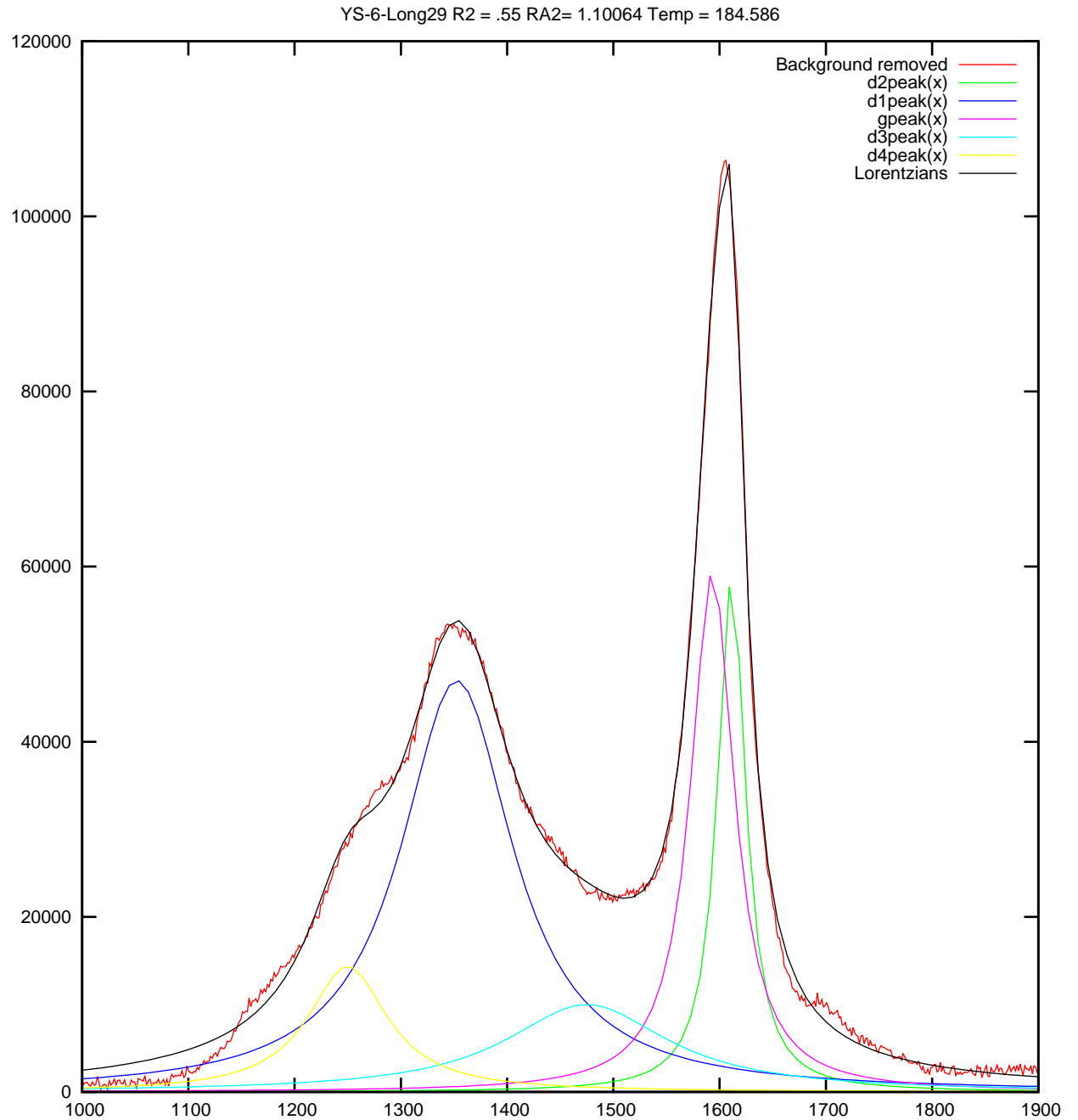
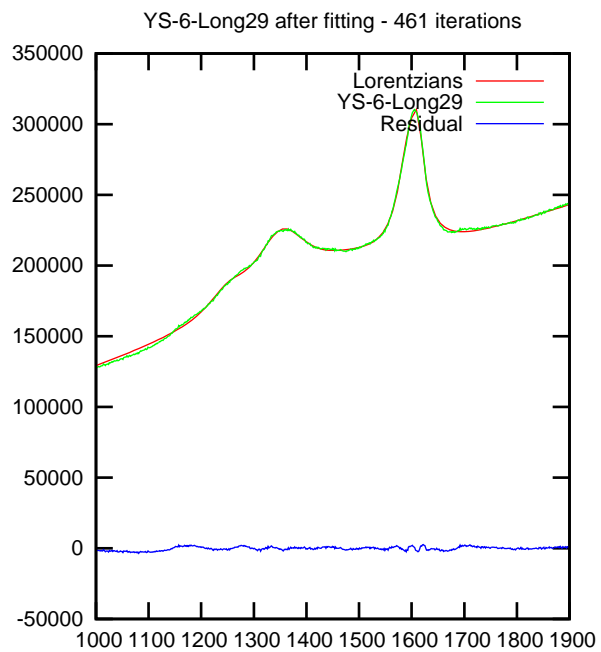
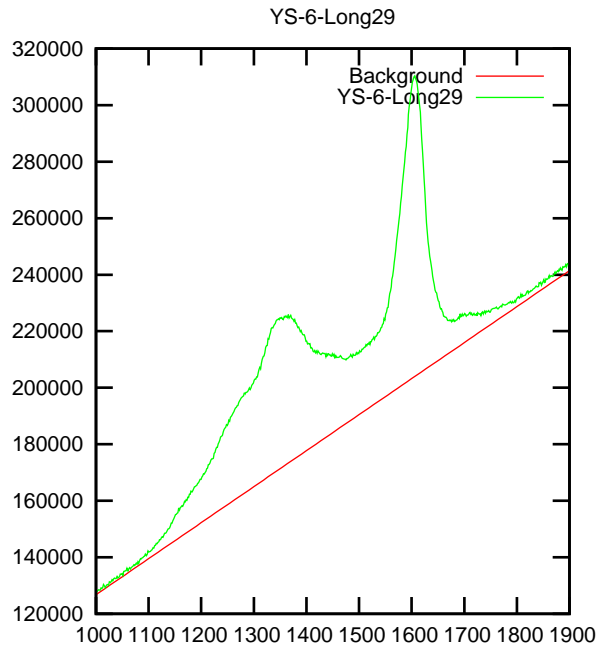


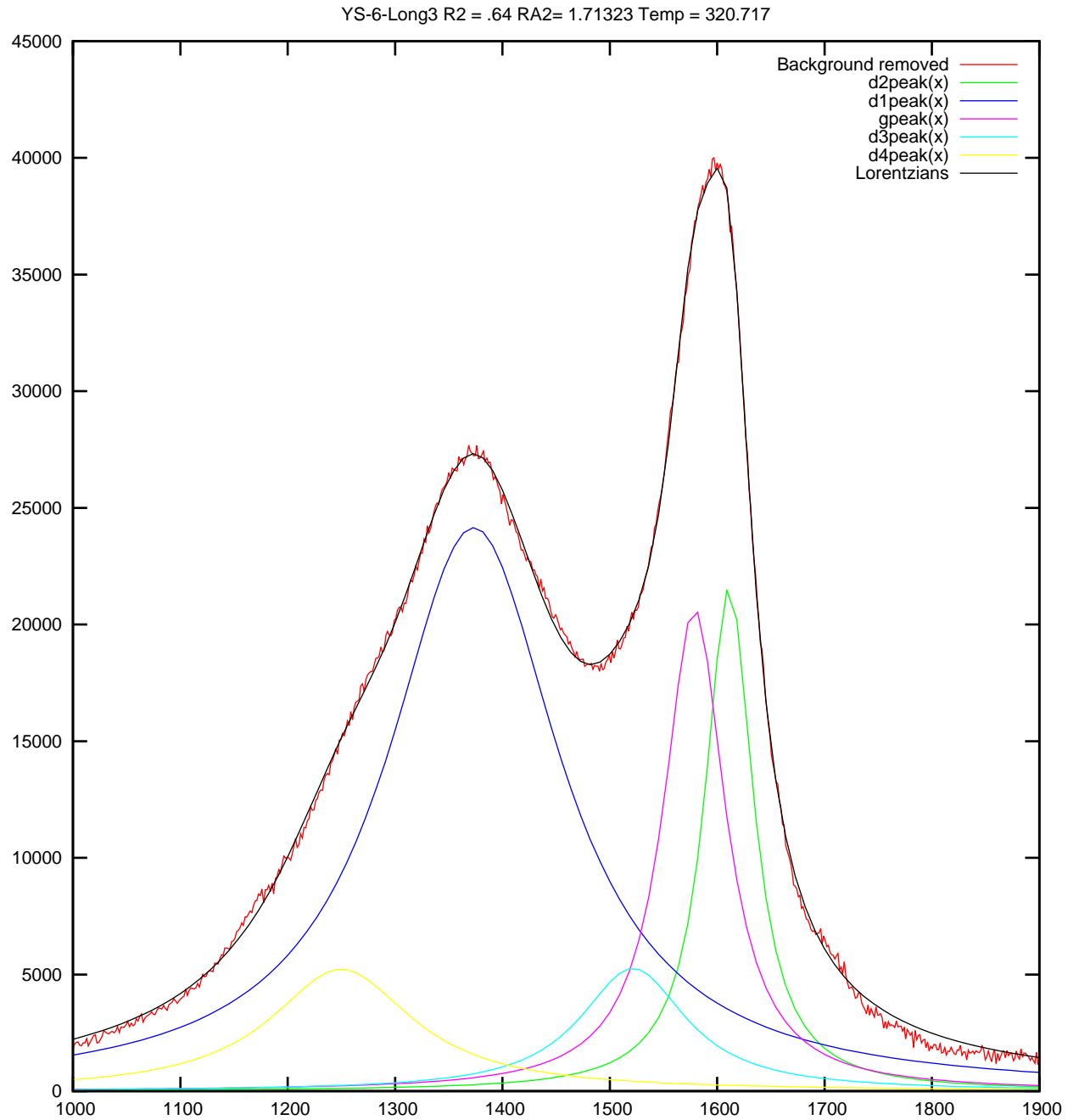
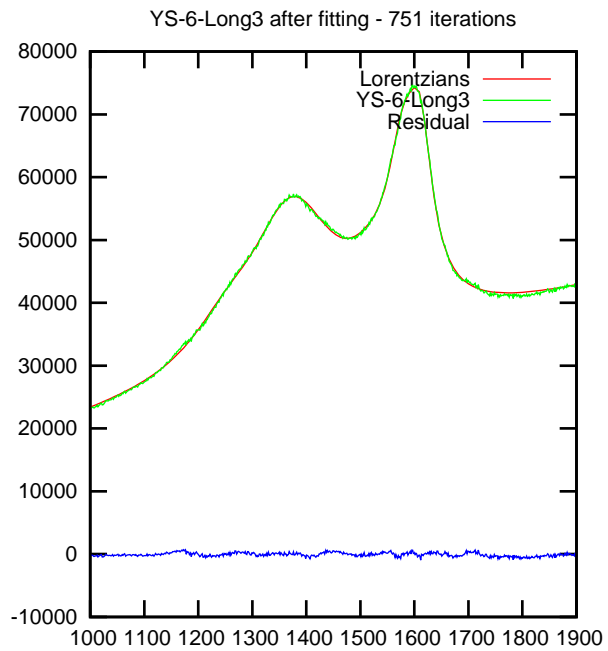
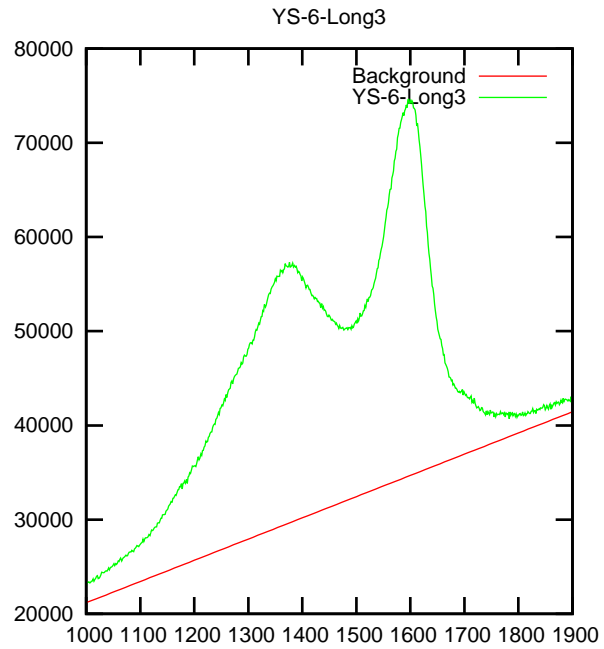
YS-6-Long28 after fitting - 402 iterations

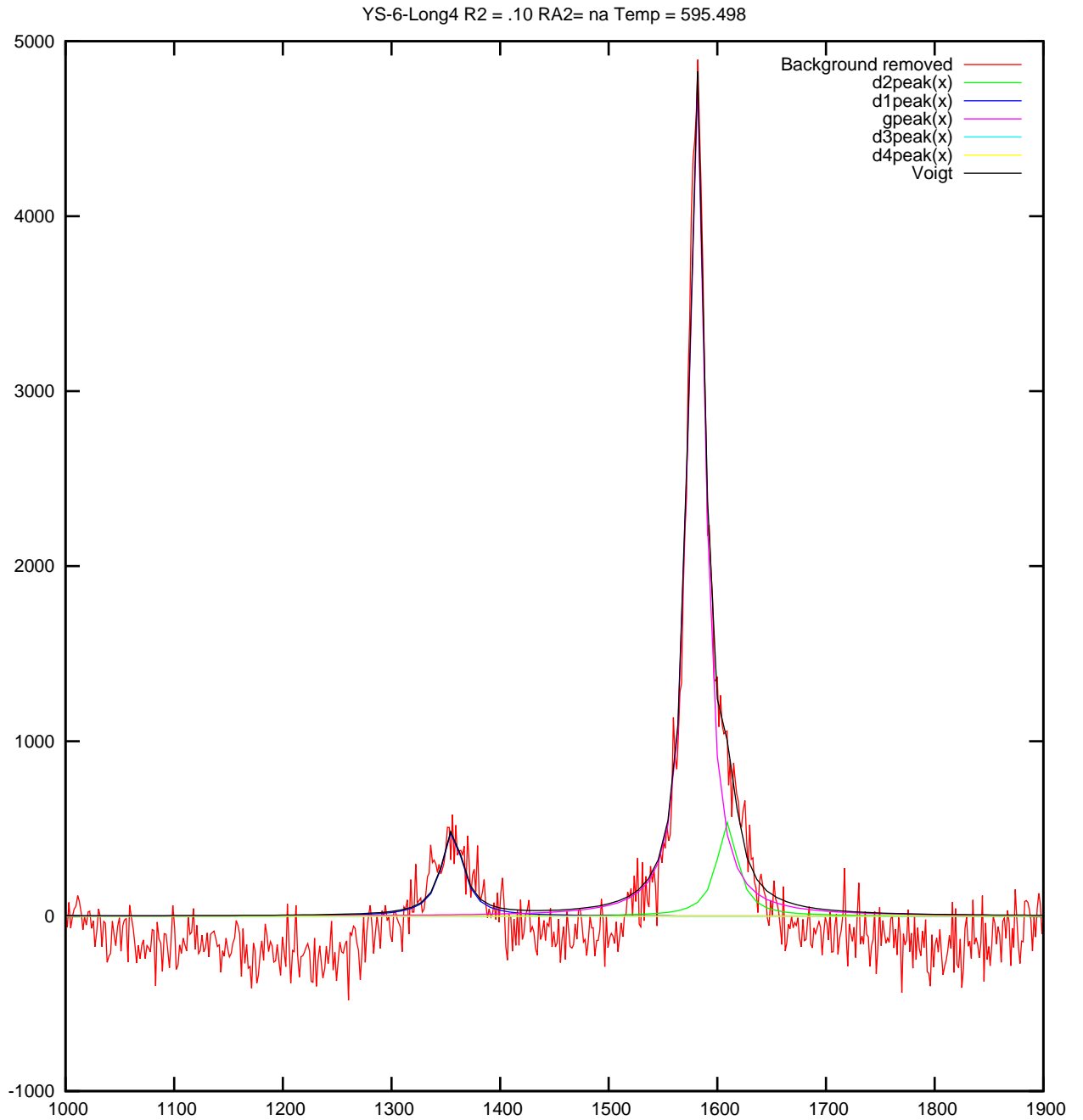
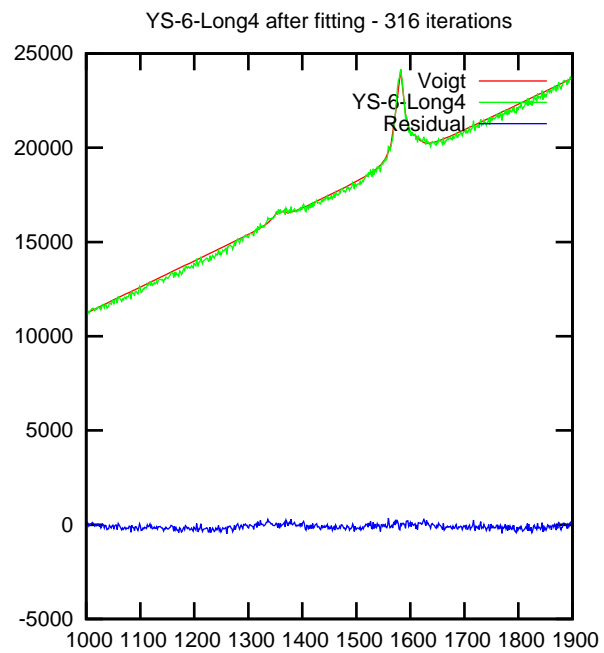
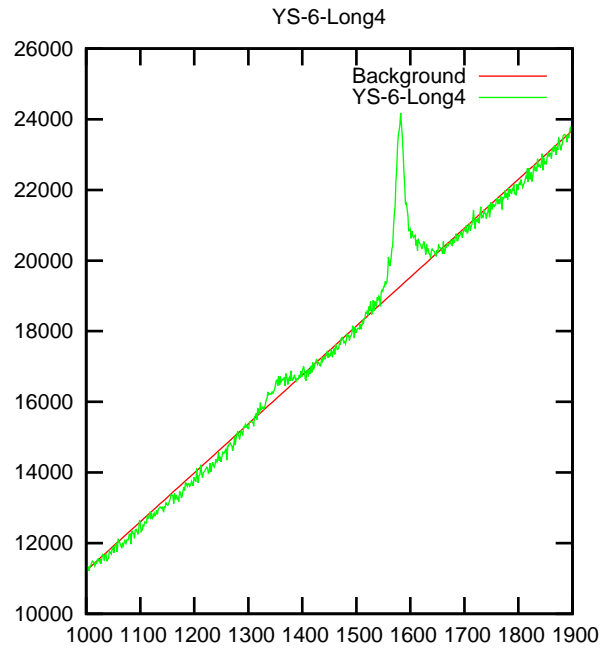


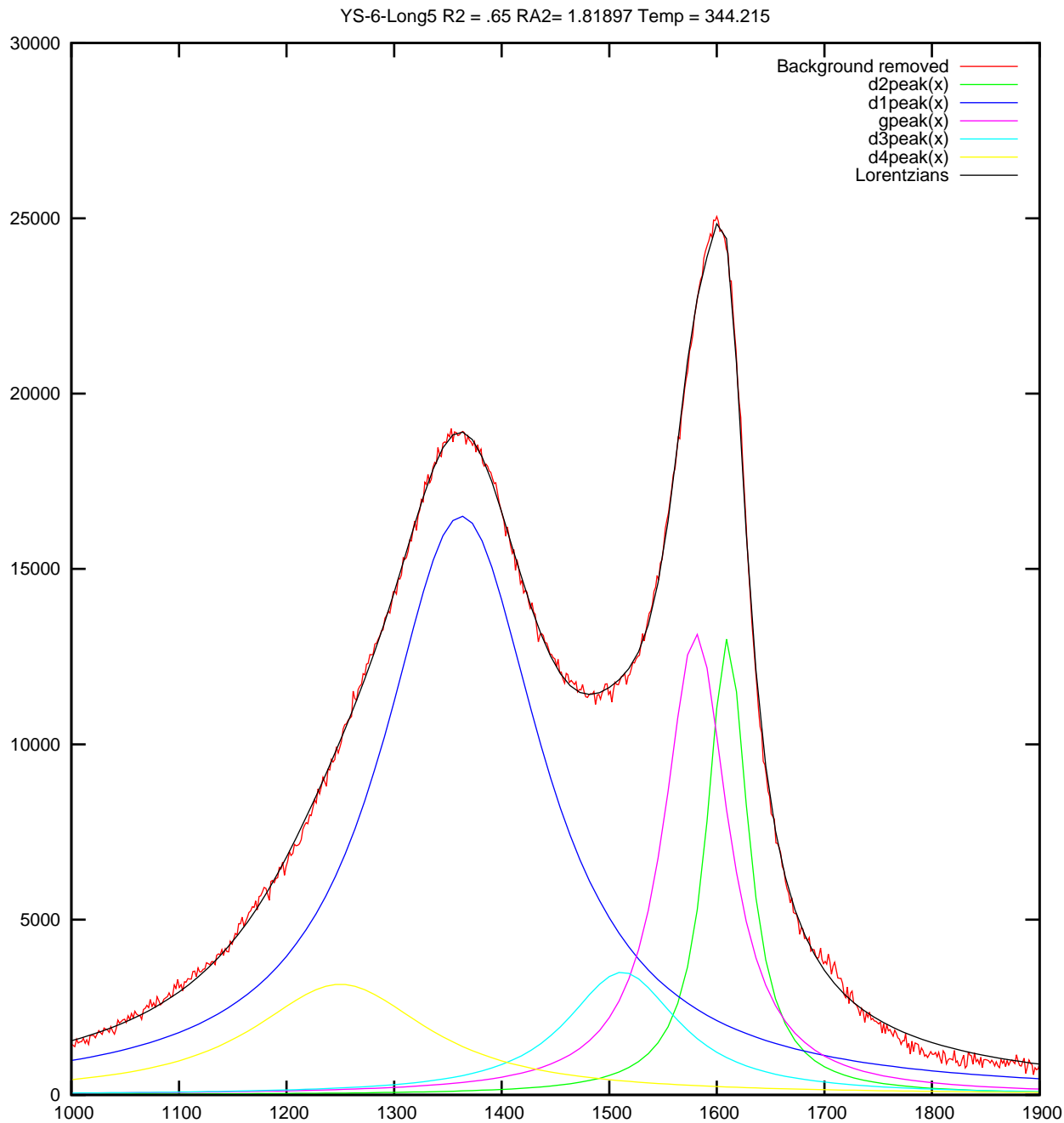
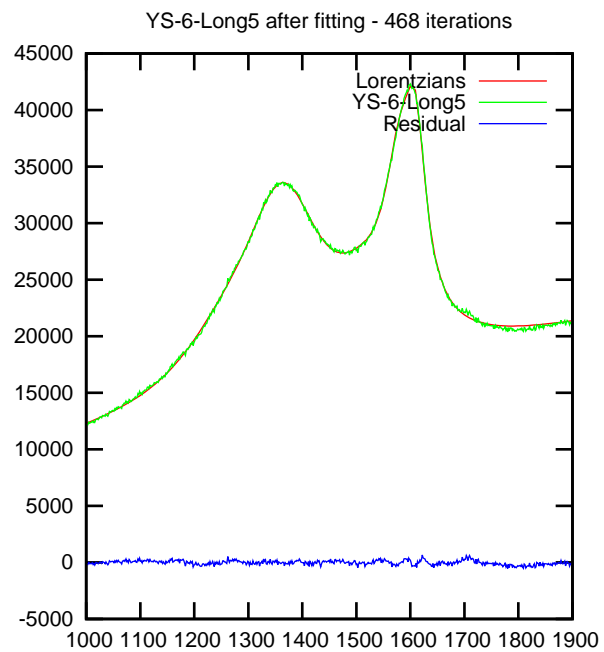
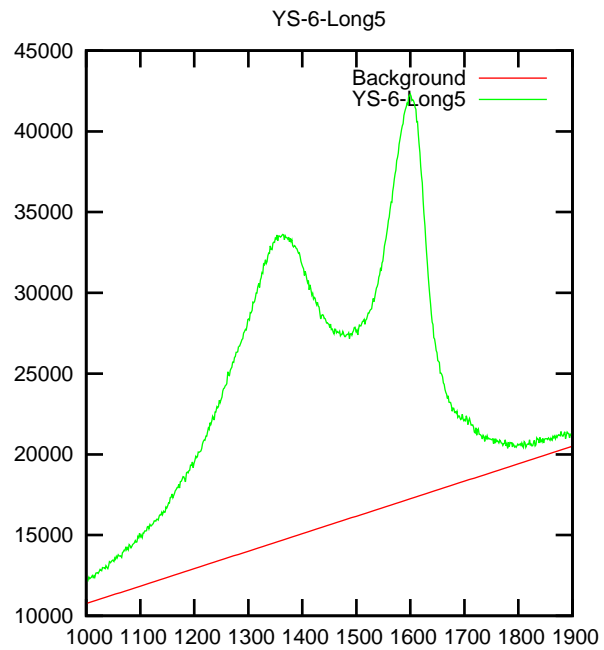
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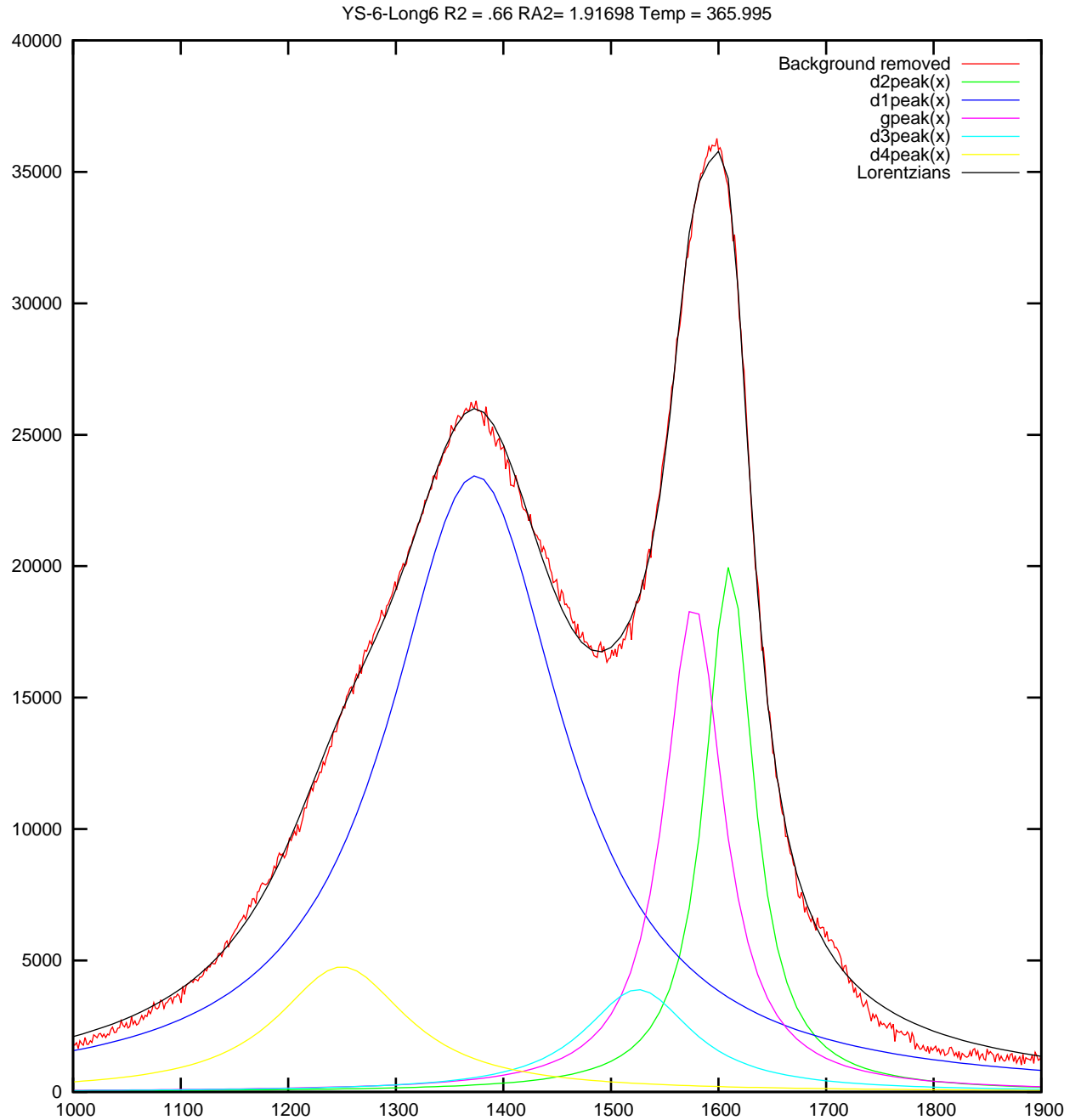
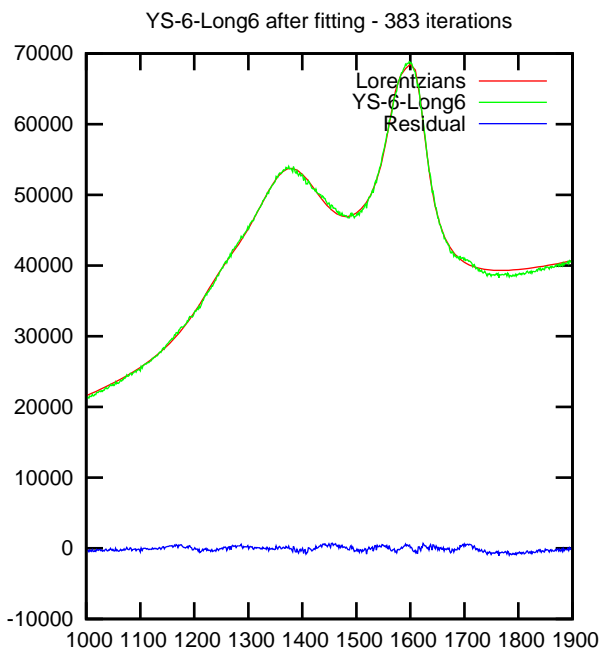
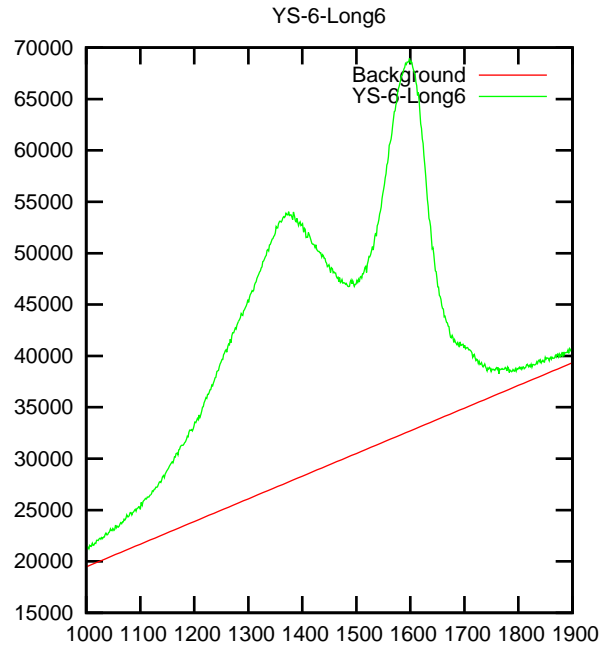


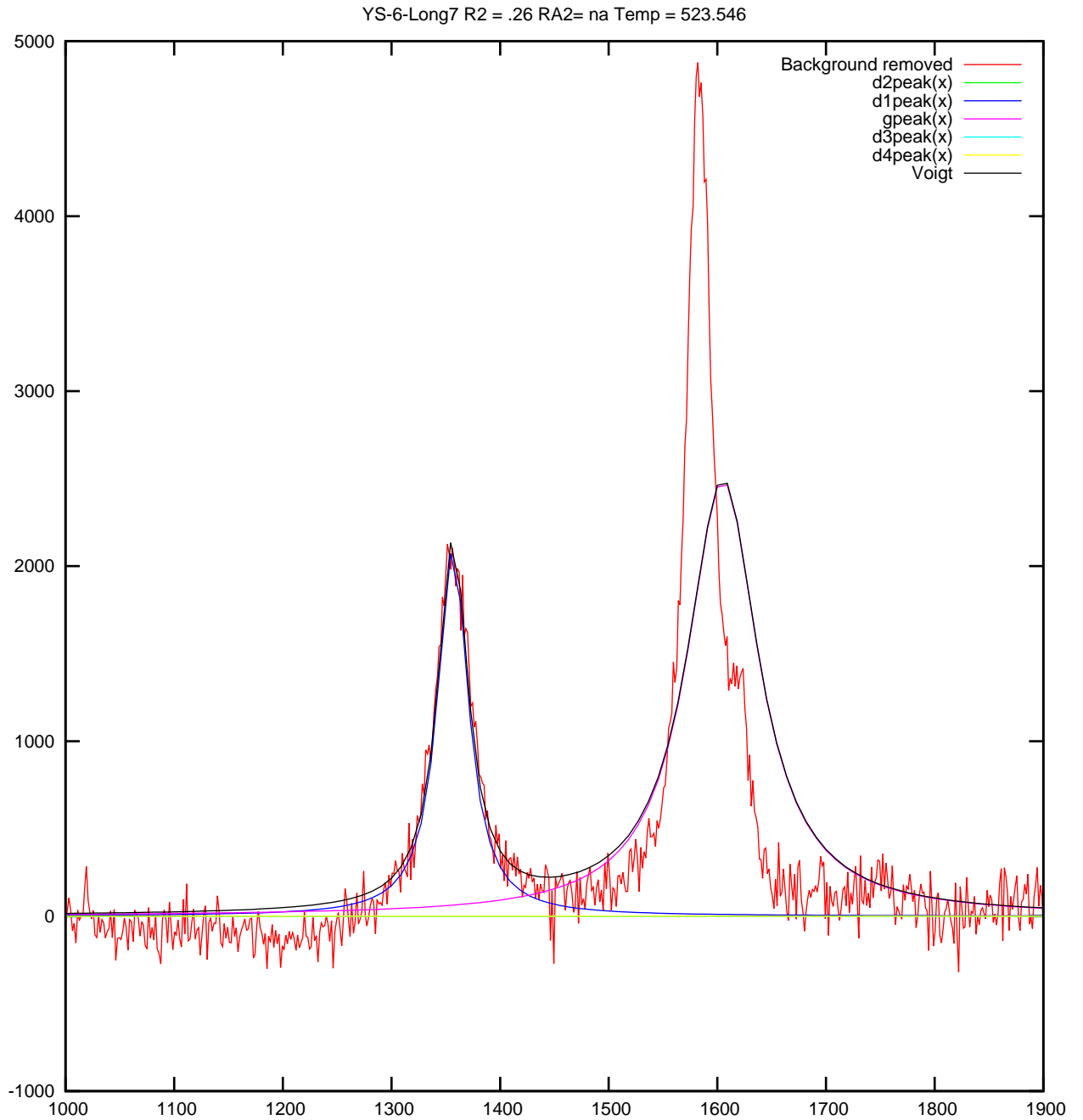
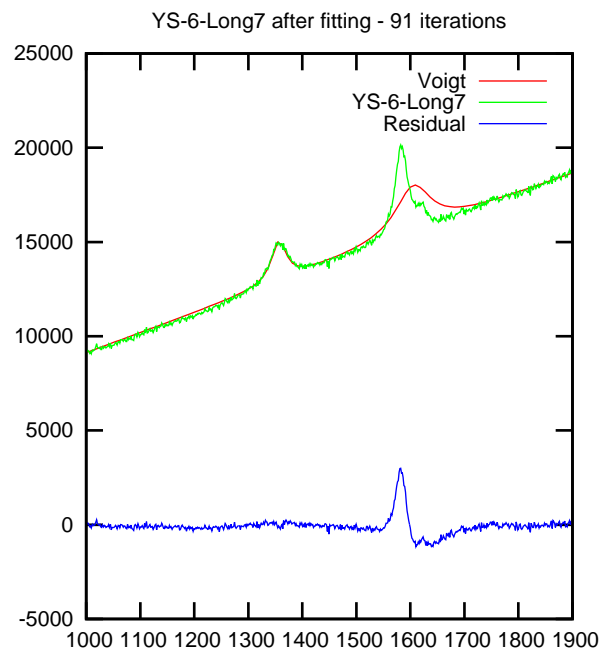
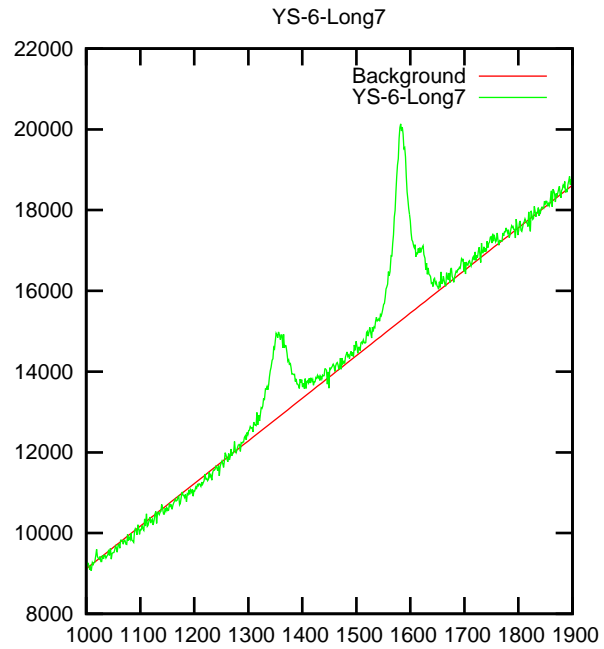


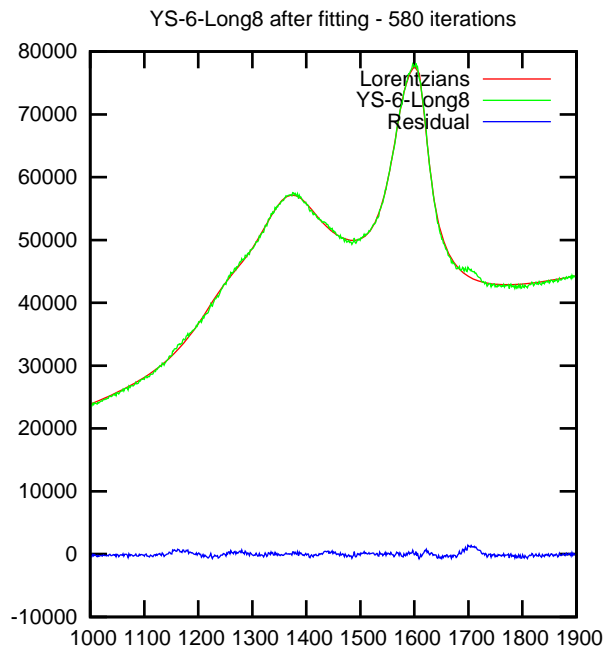
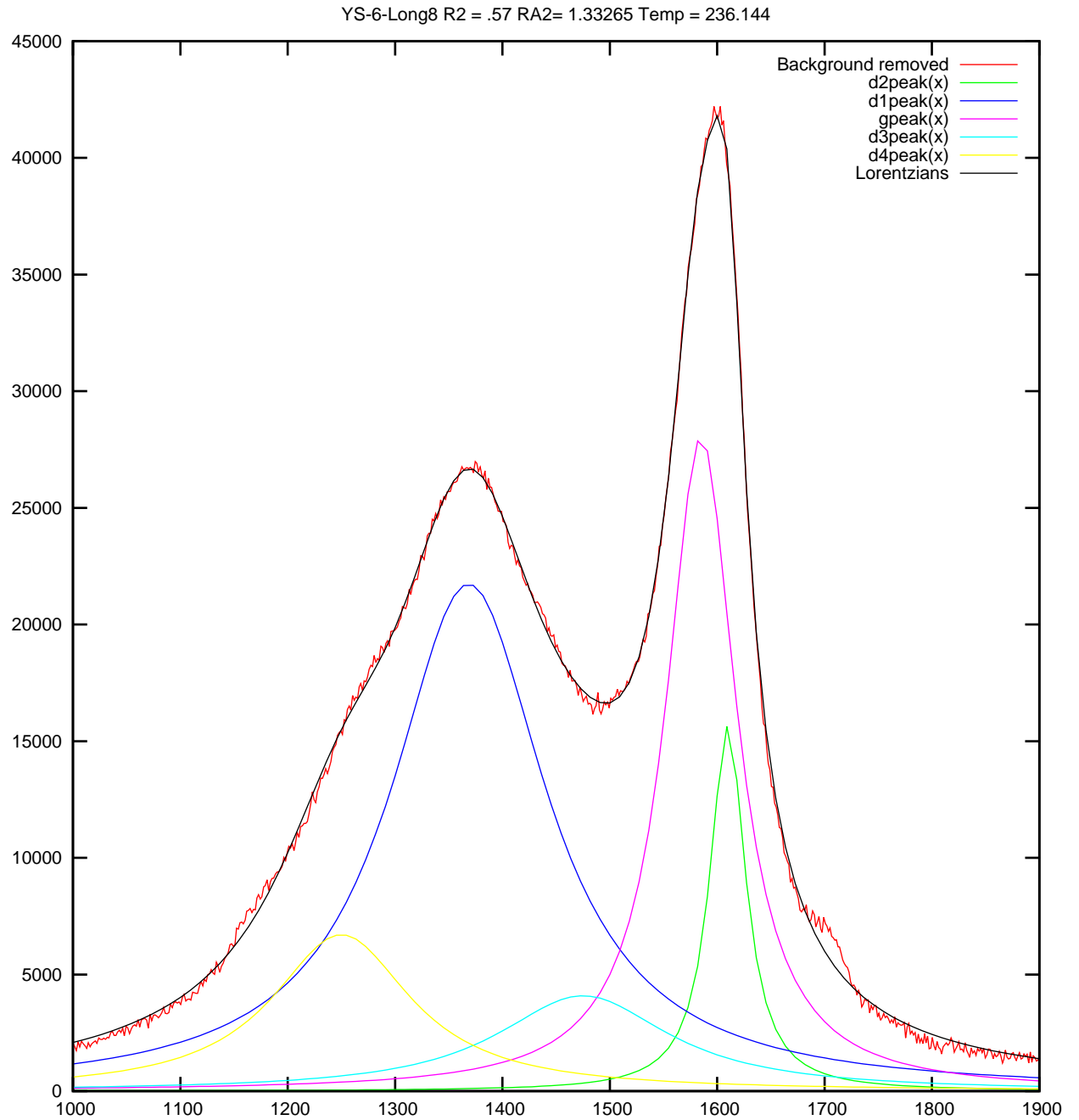
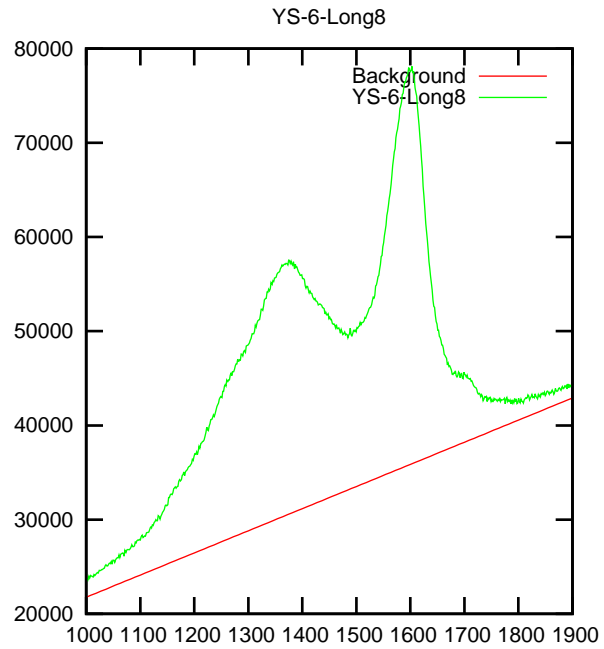


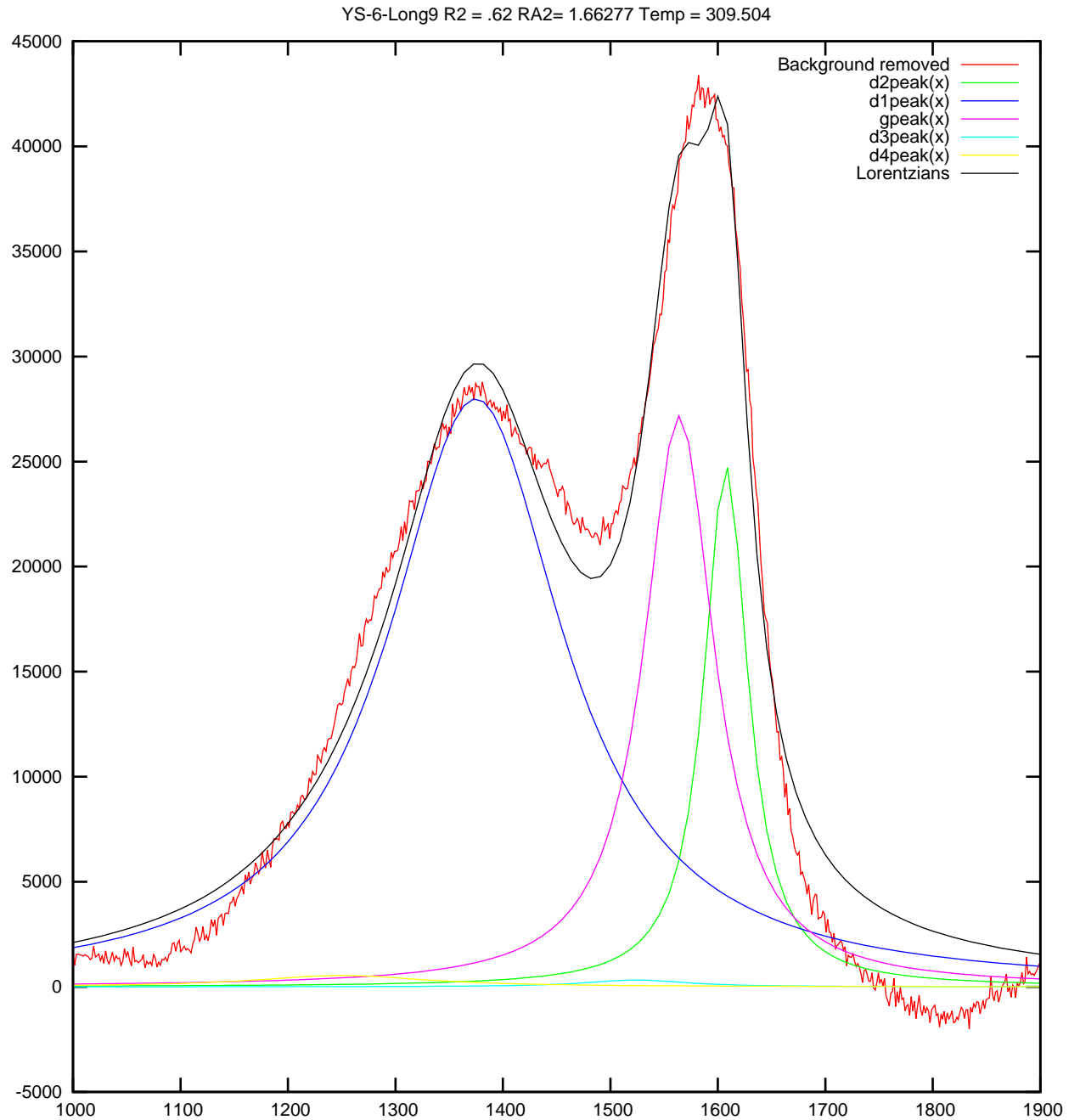
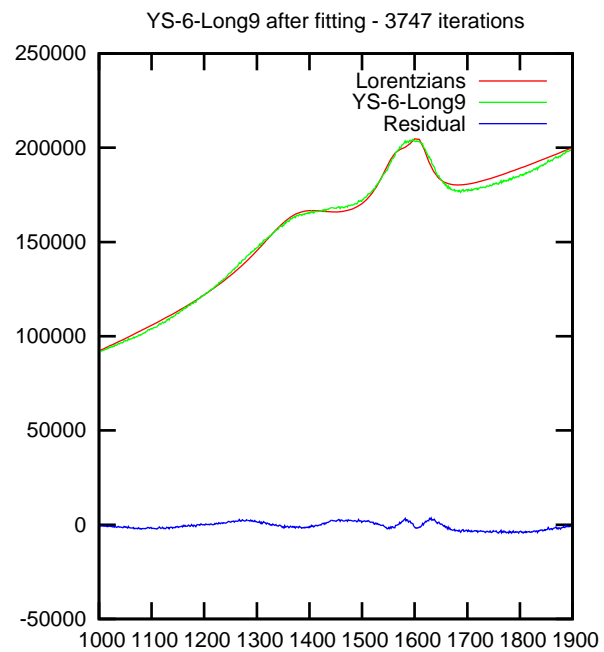
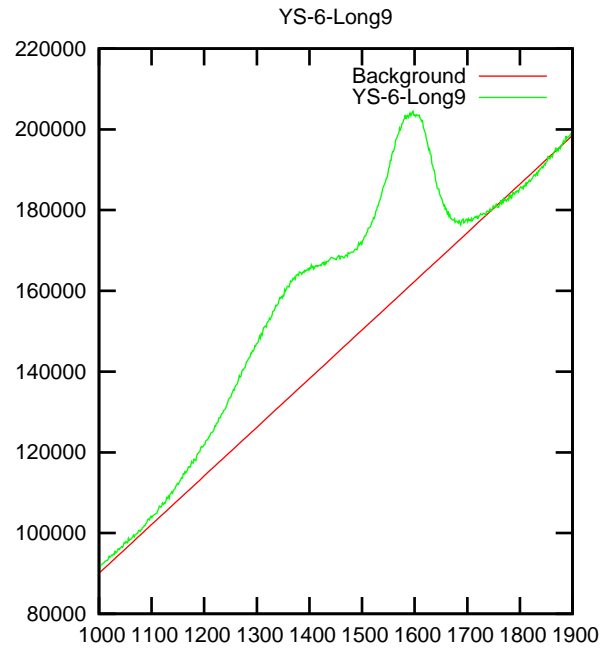


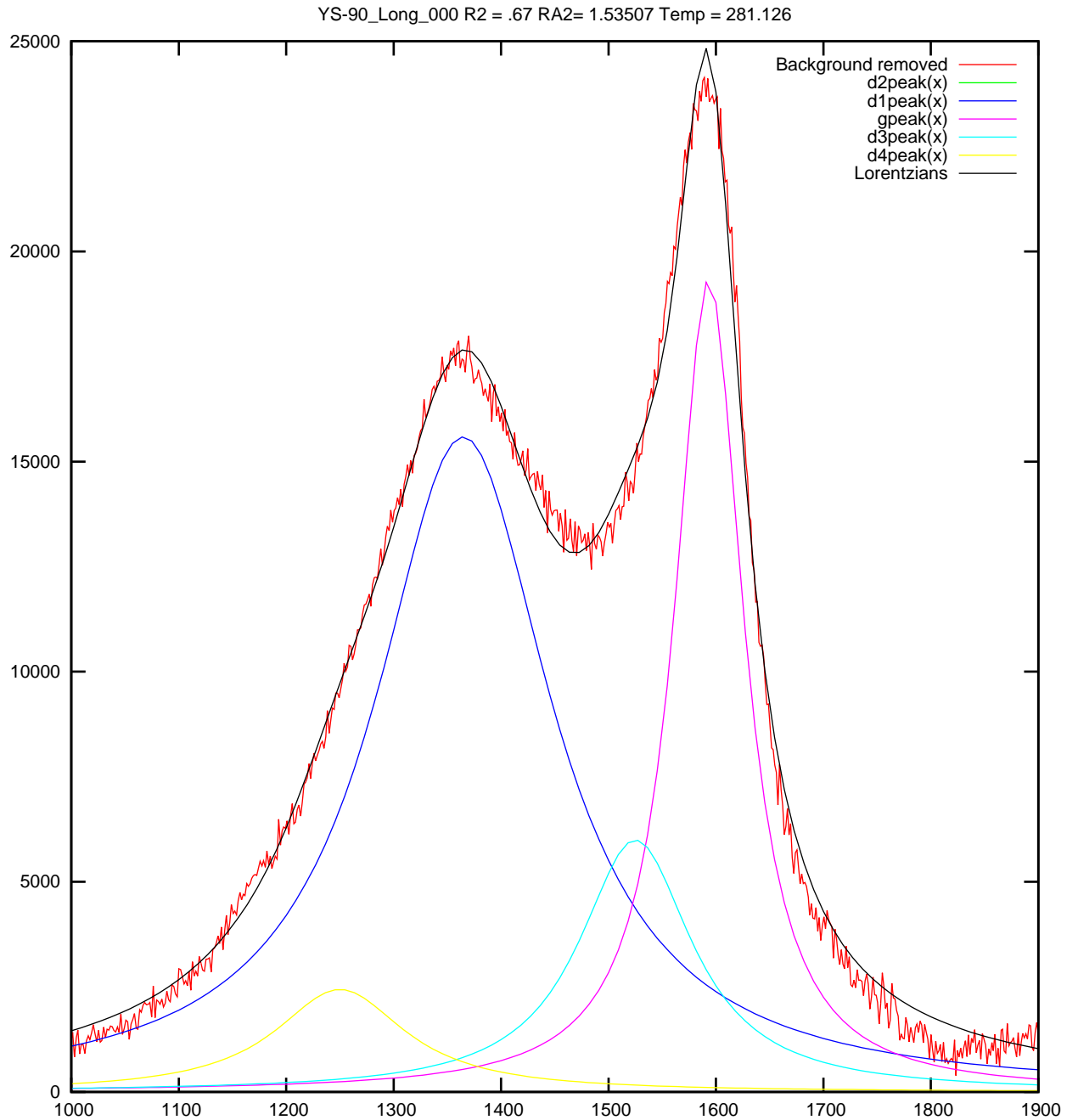
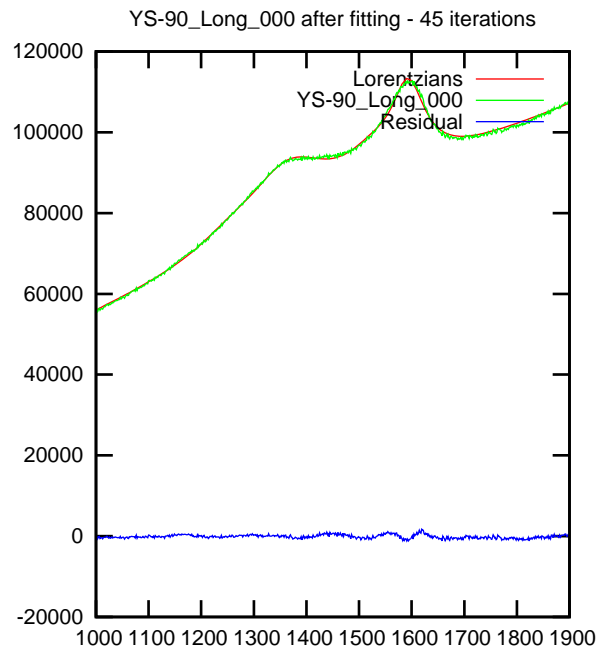
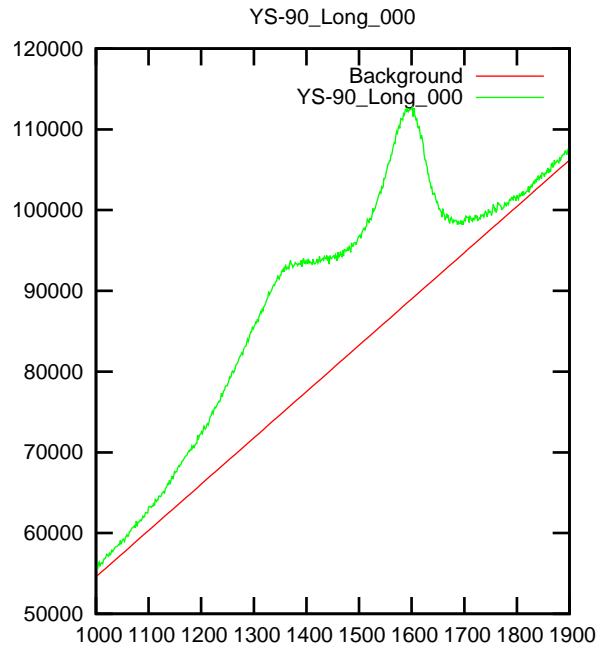


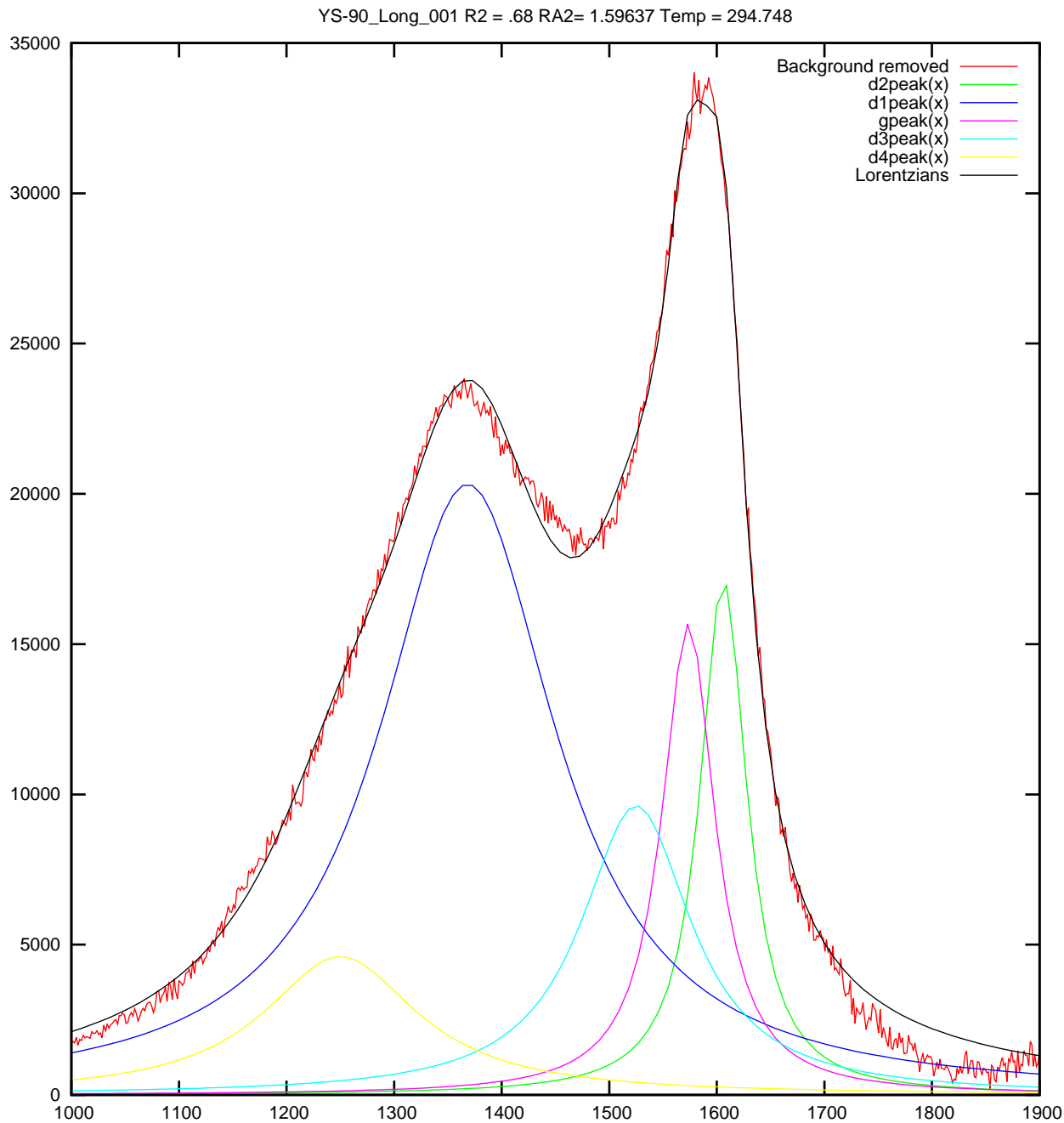
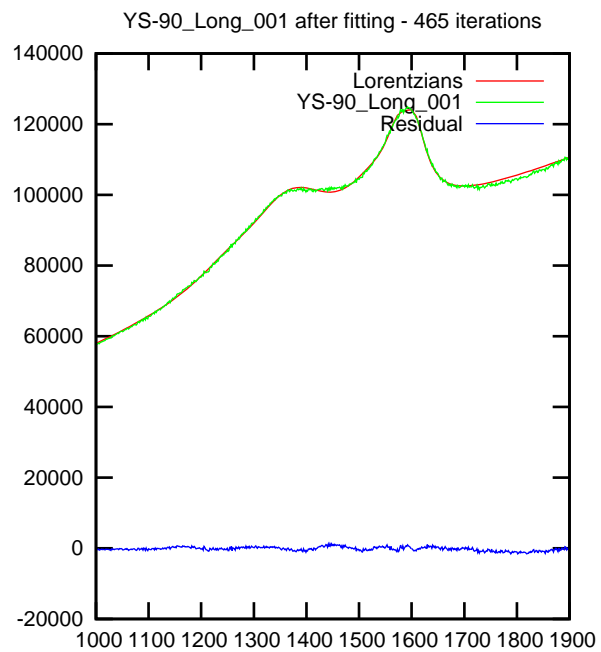
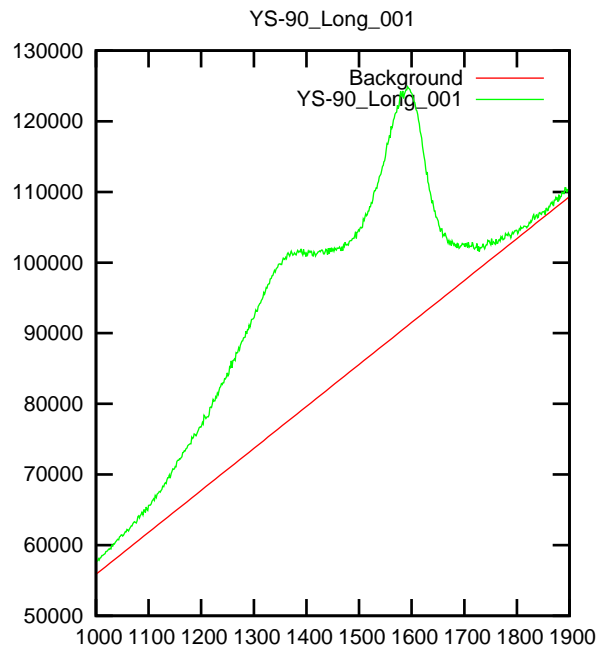


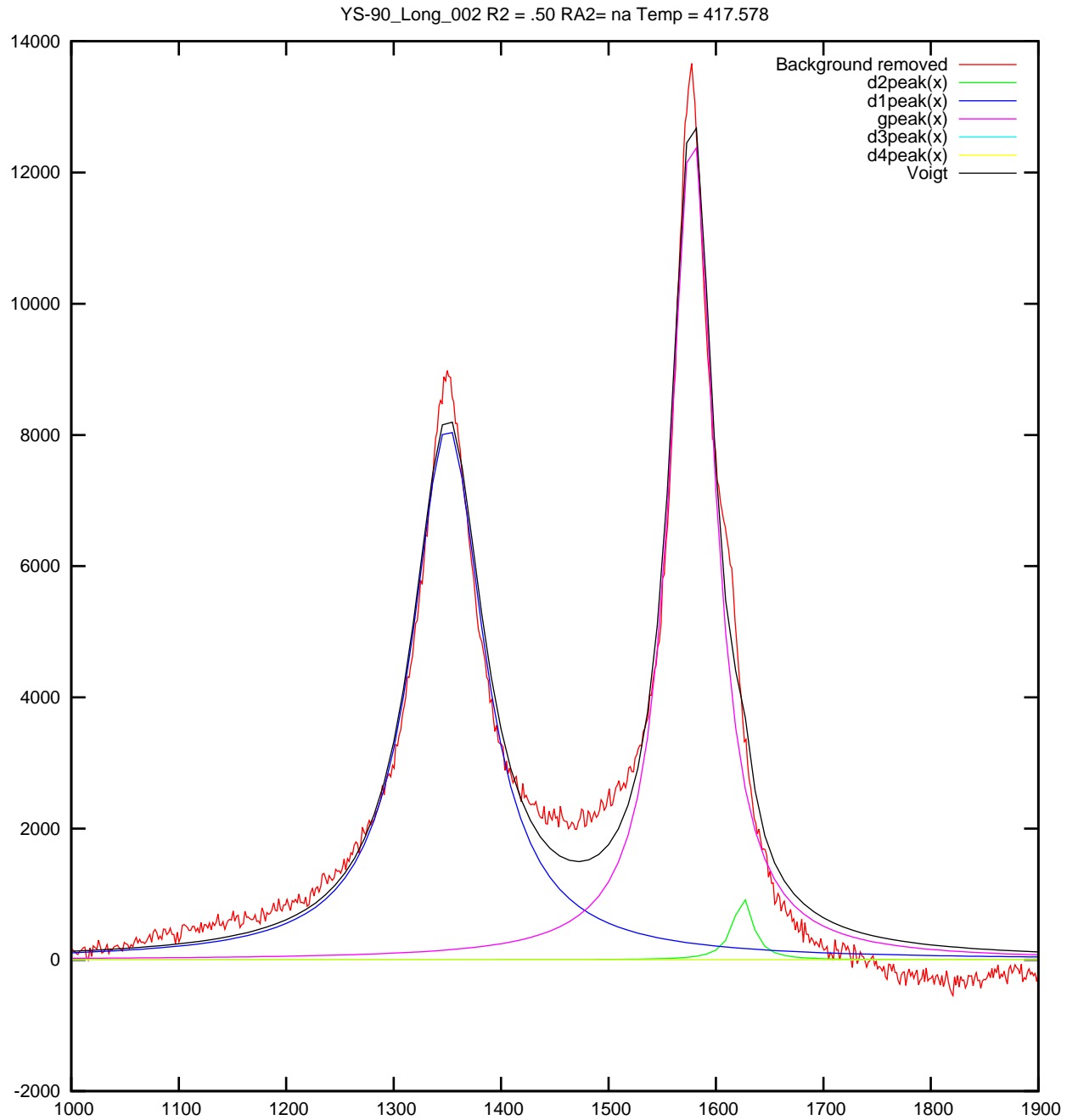
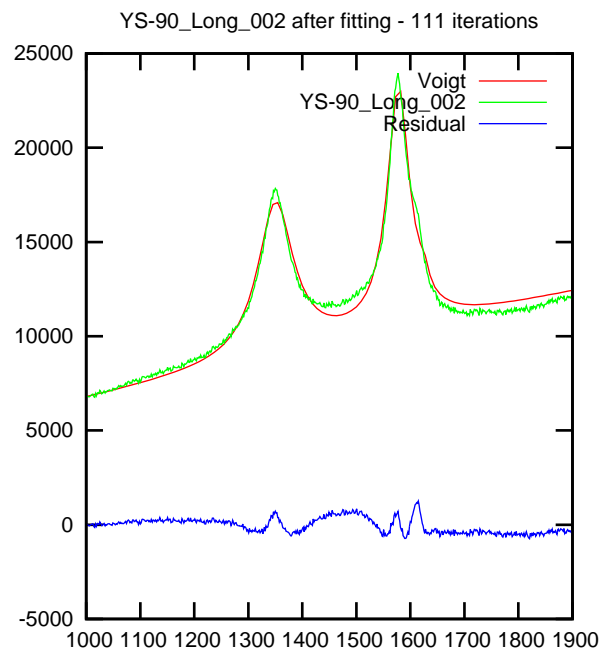
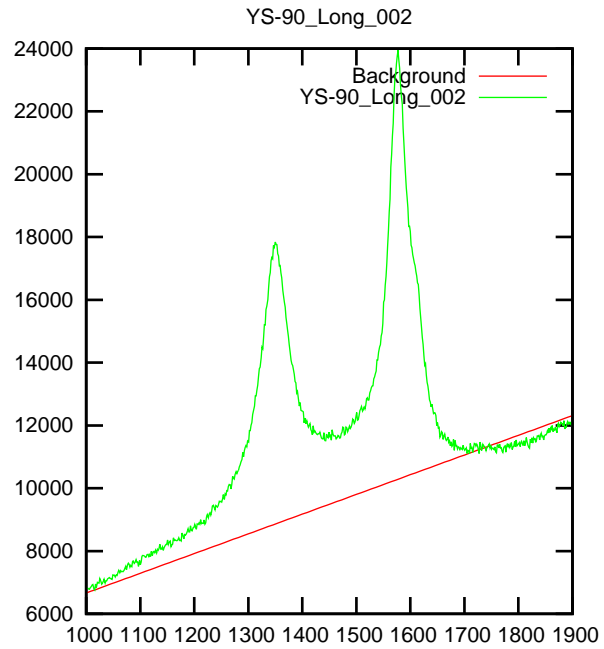


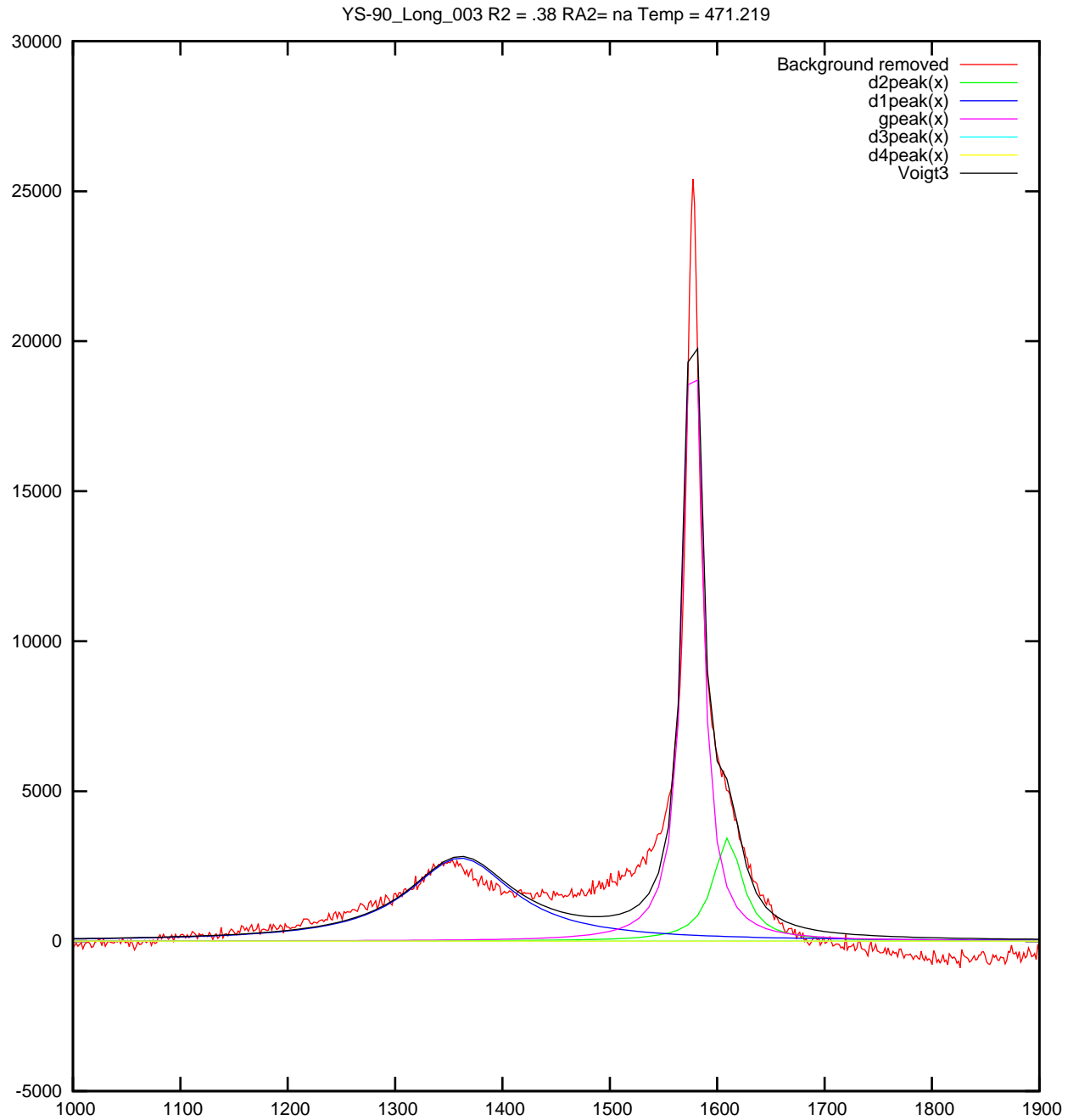
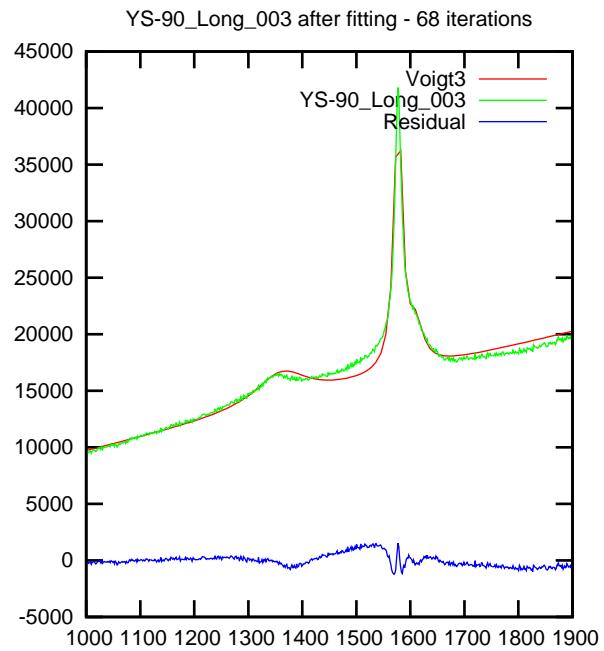
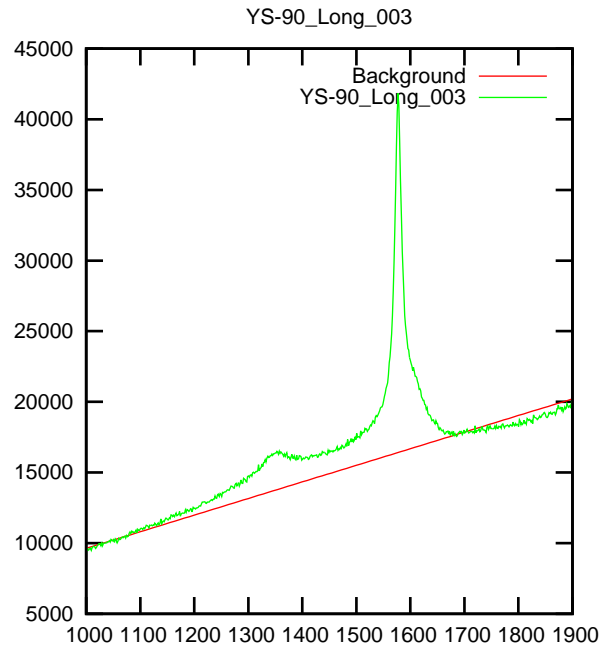


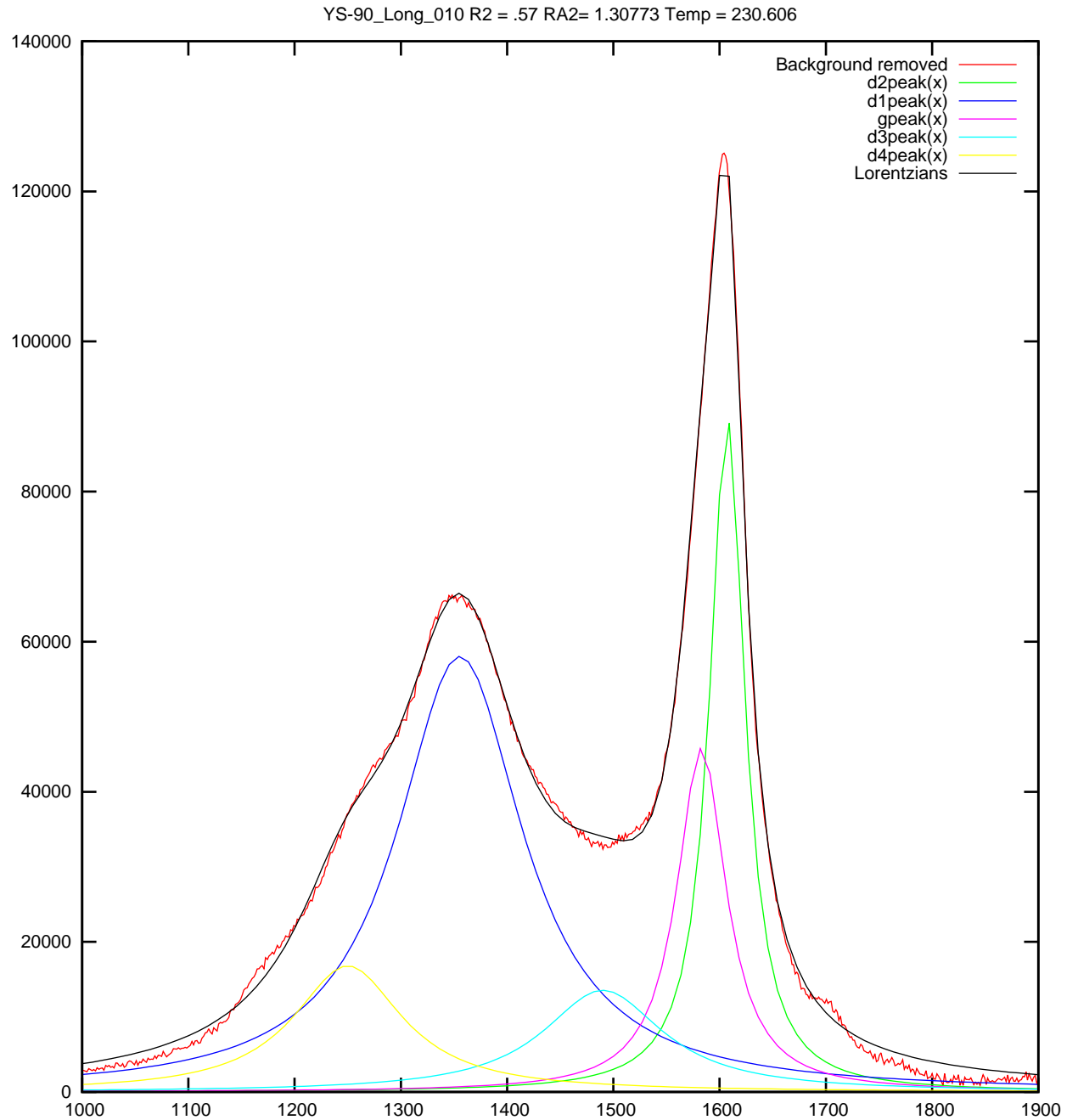
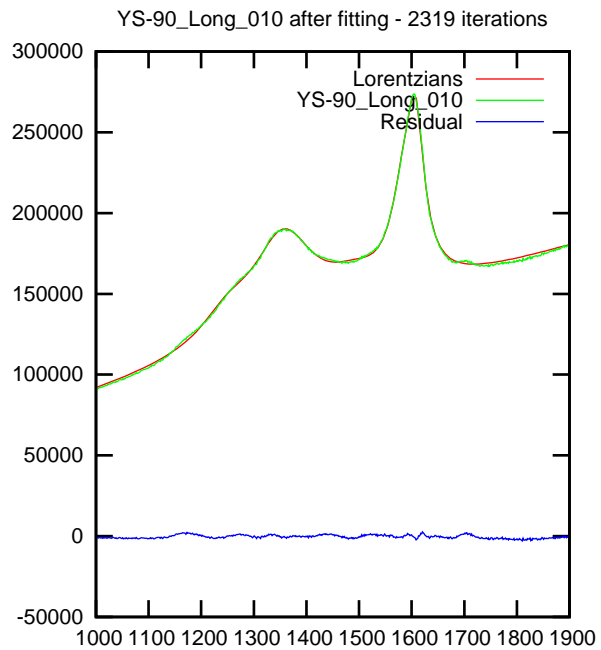
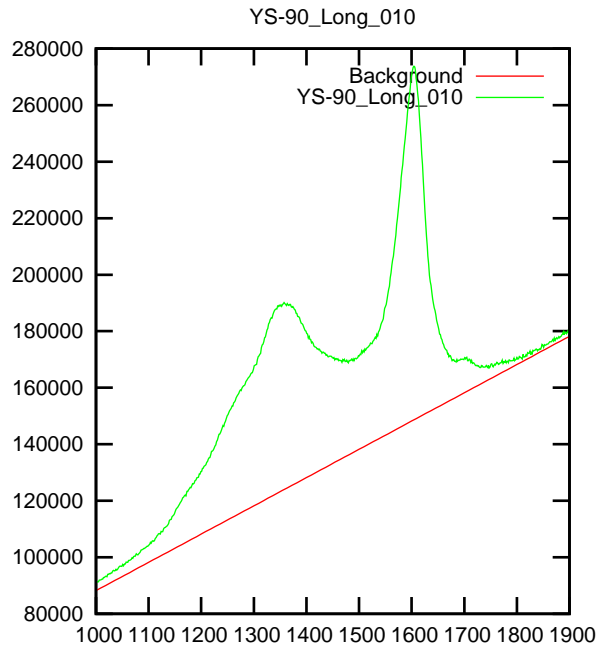


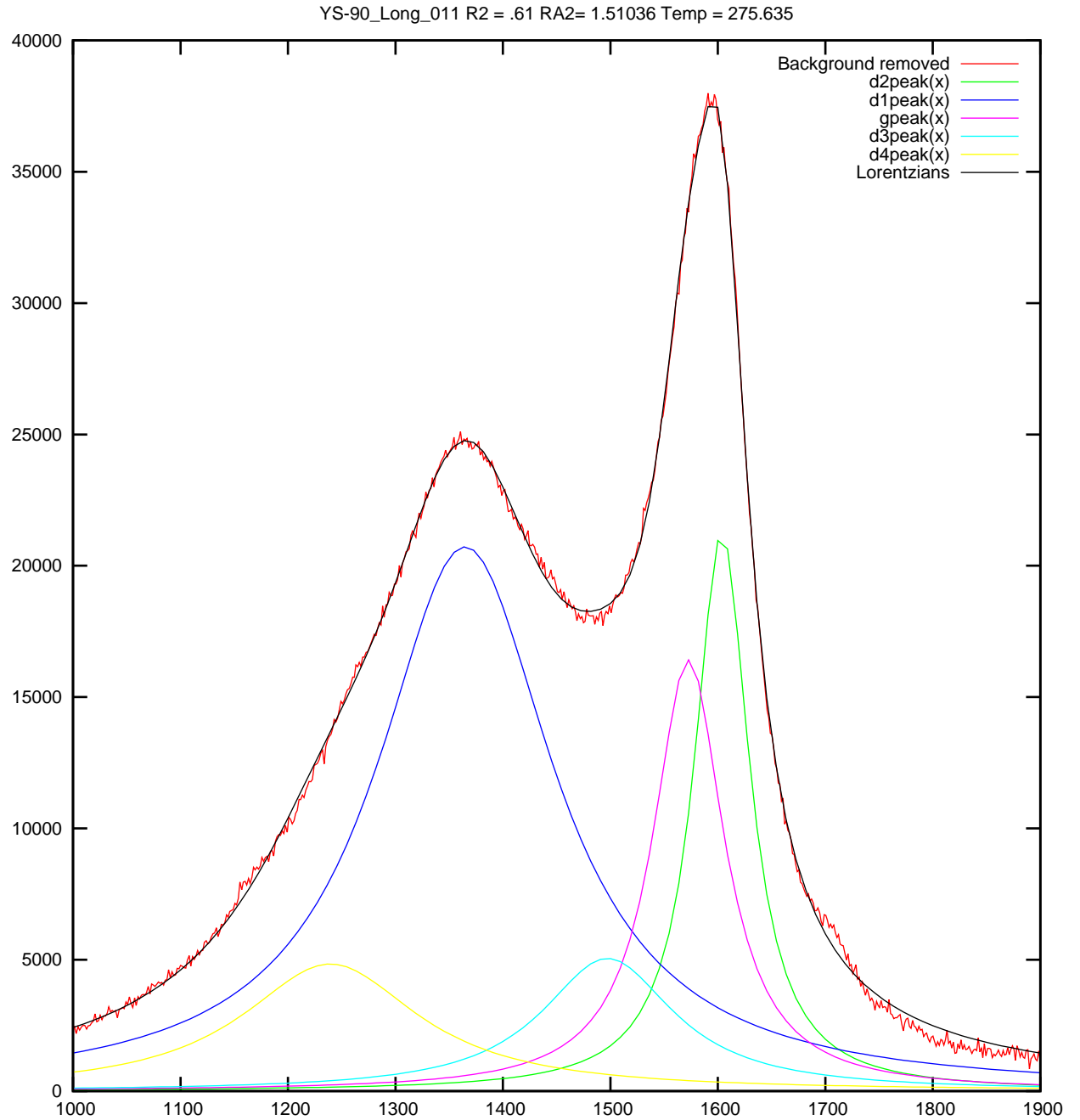
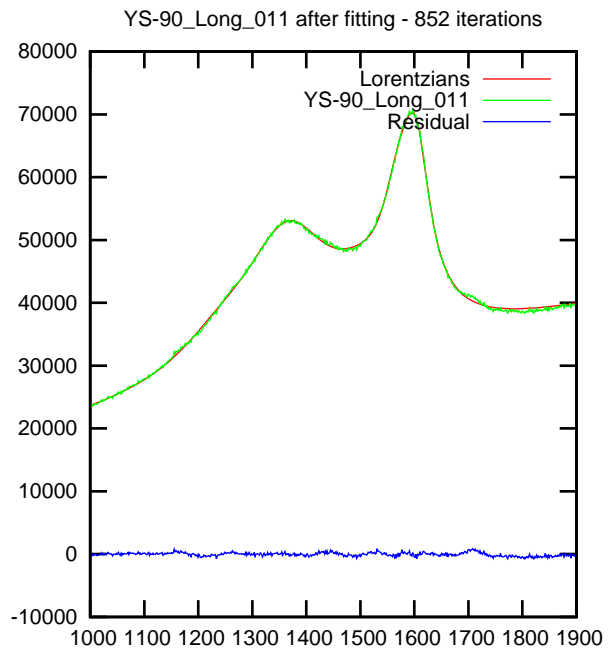
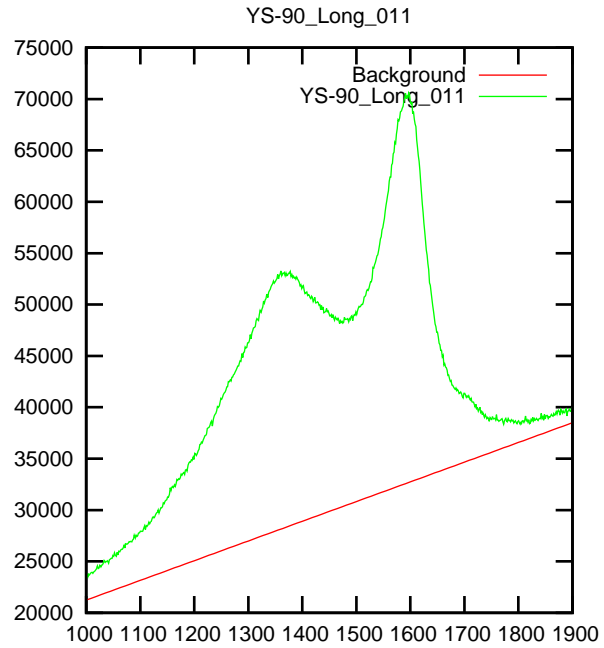


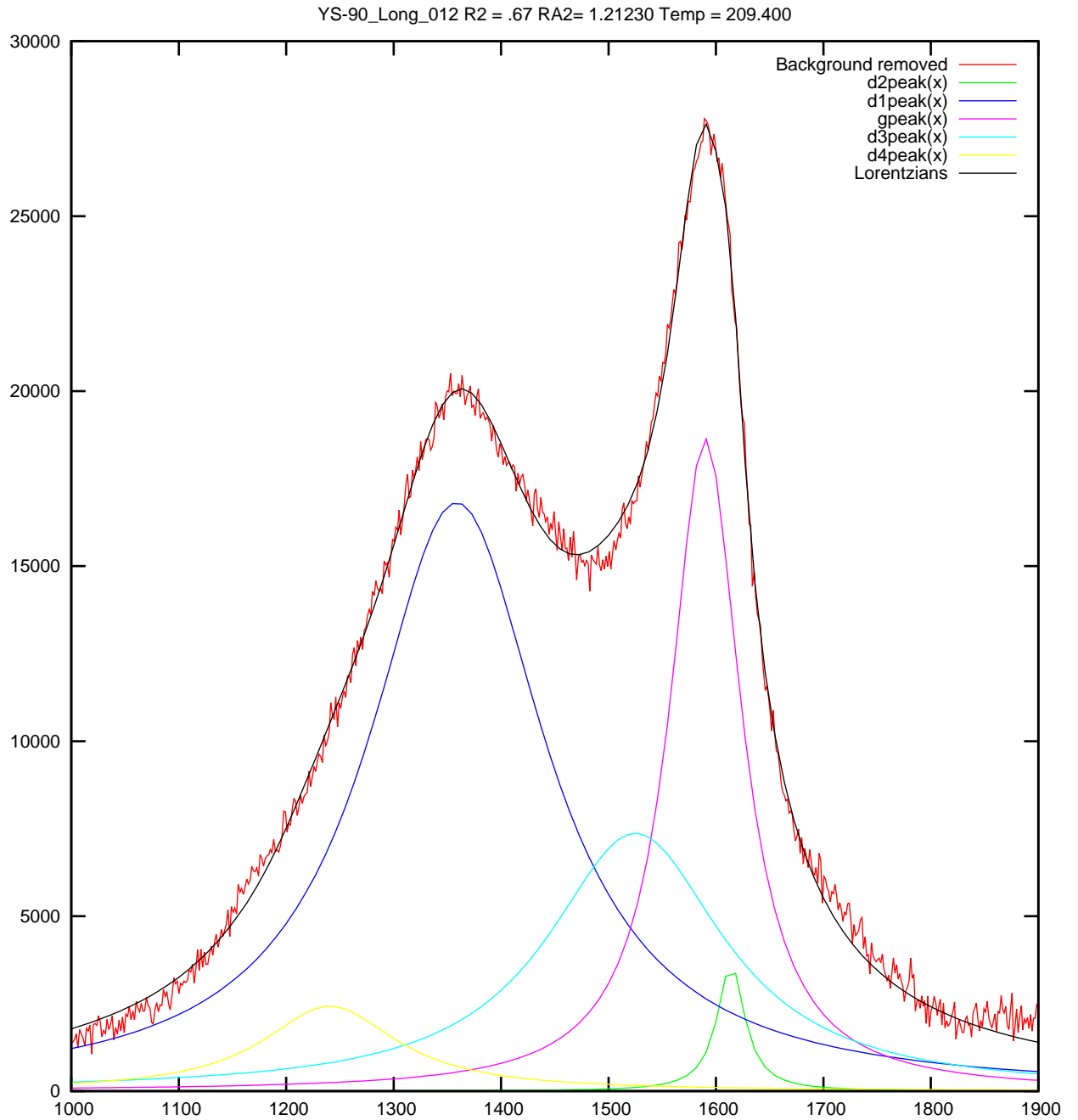
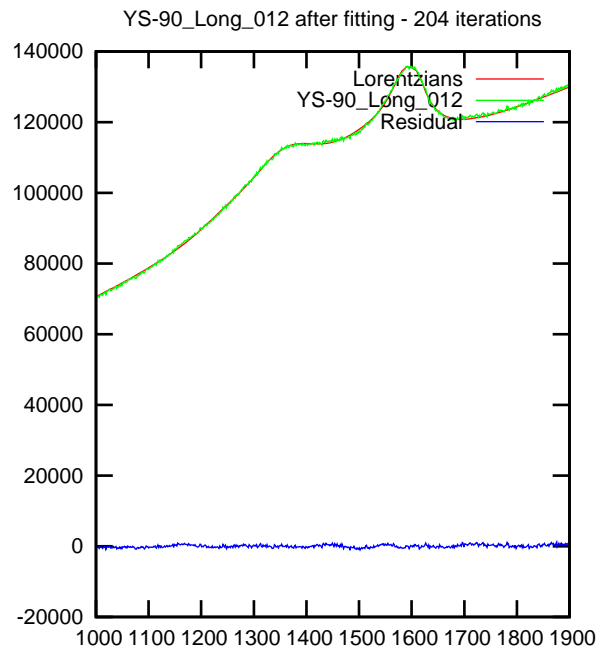
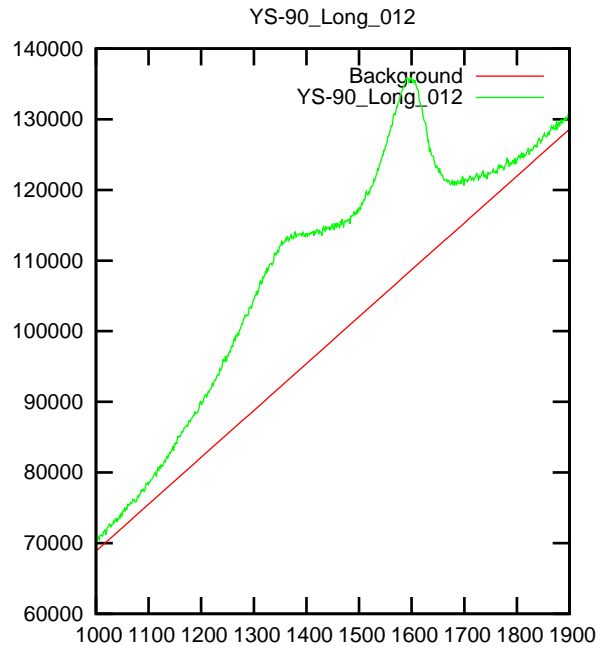


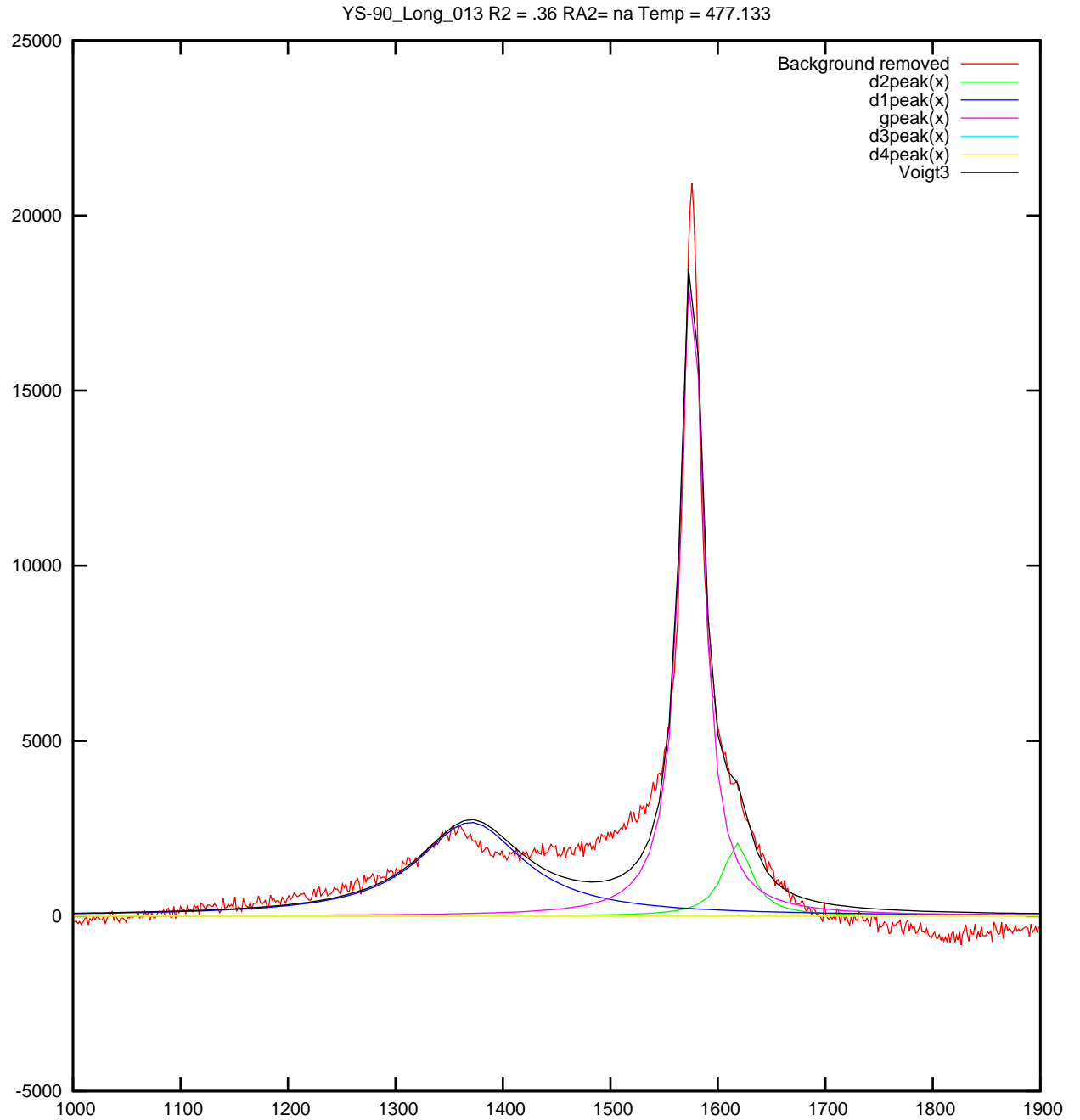
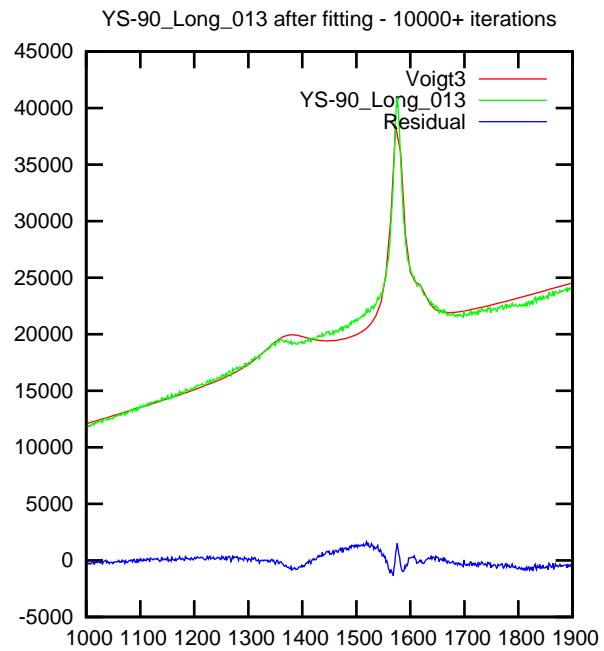
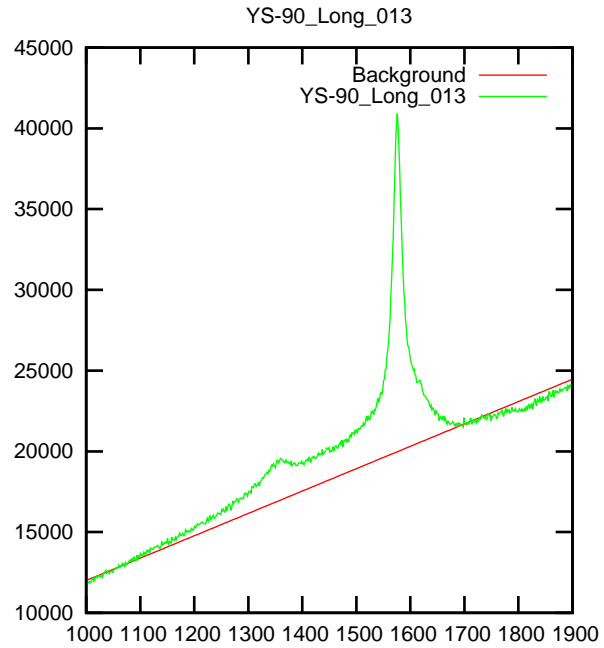


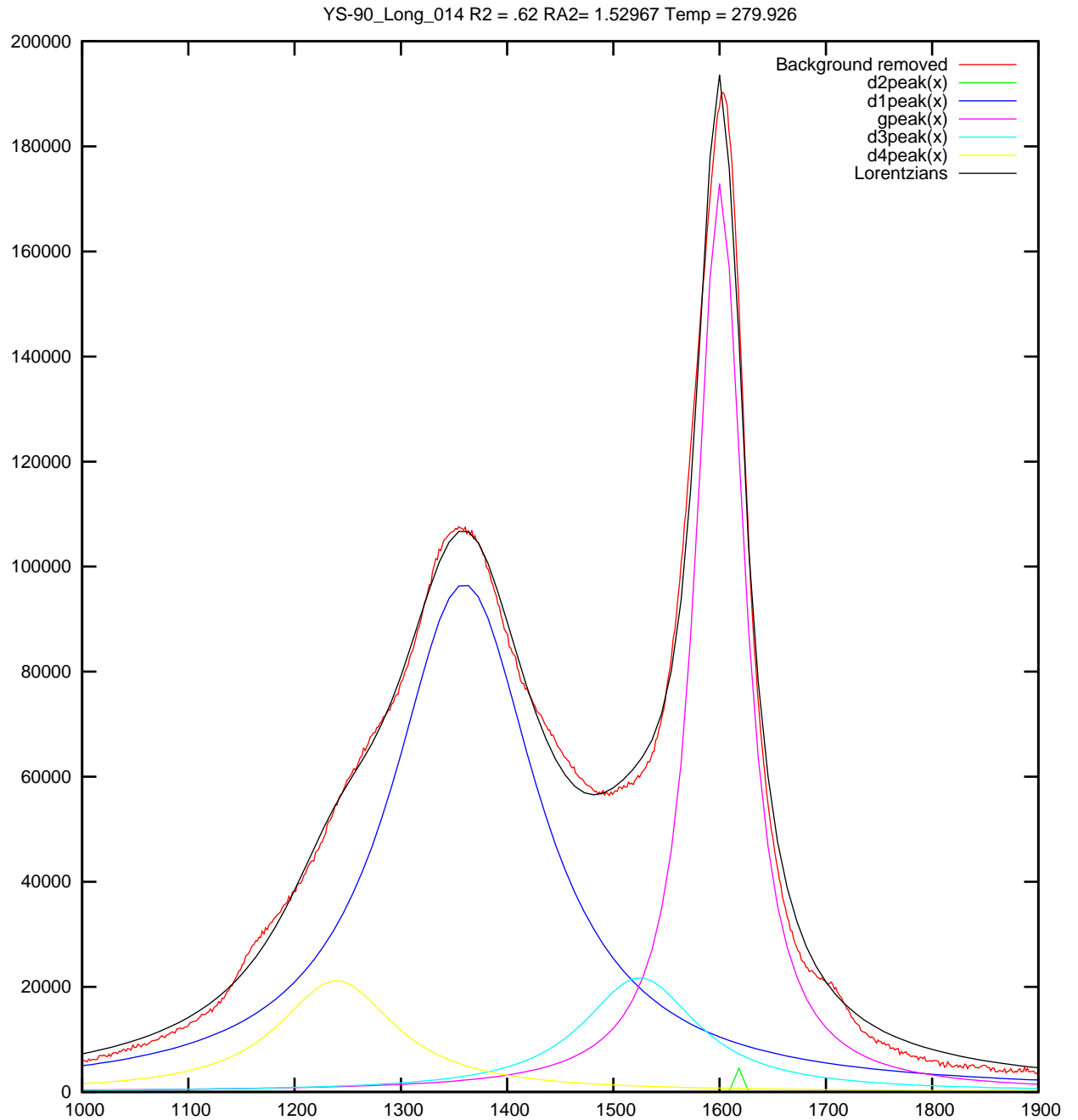
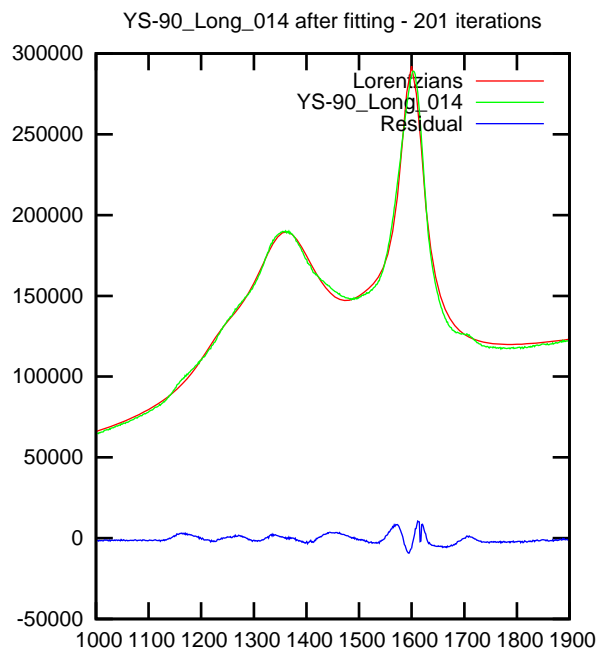
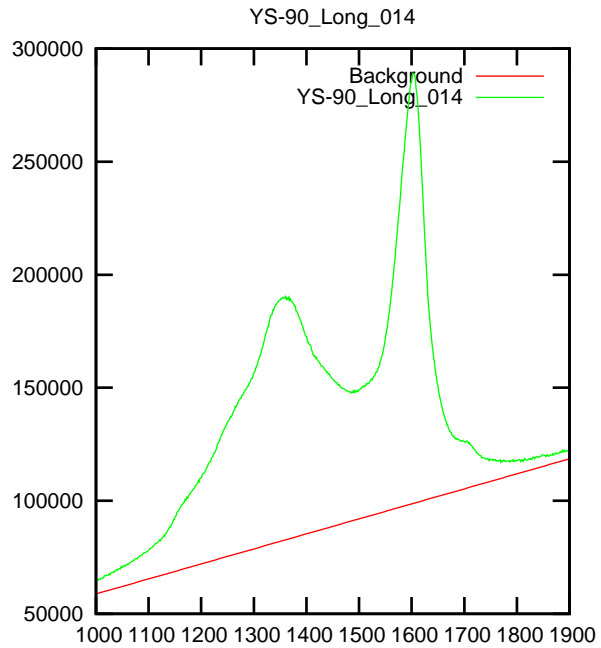


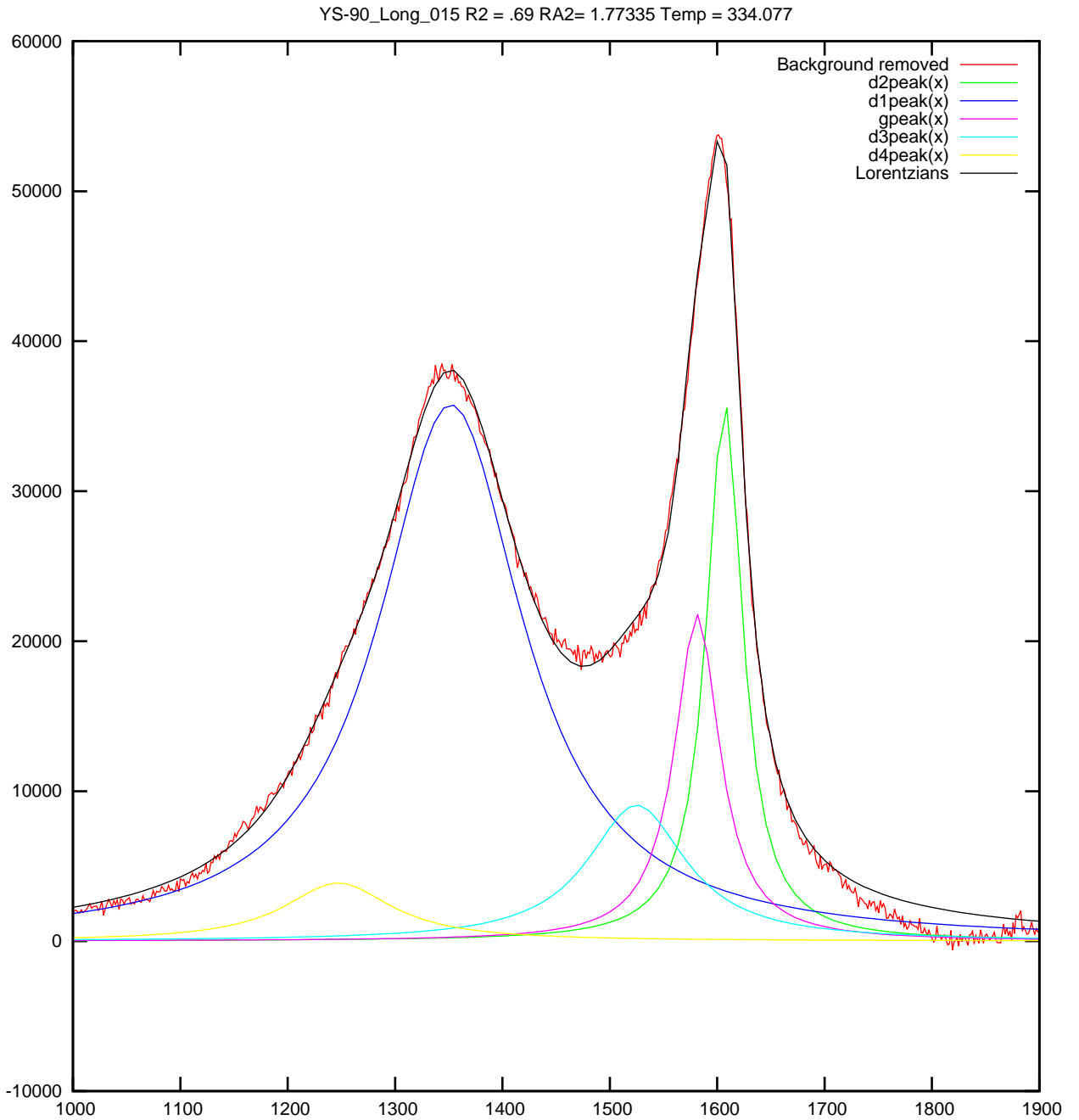
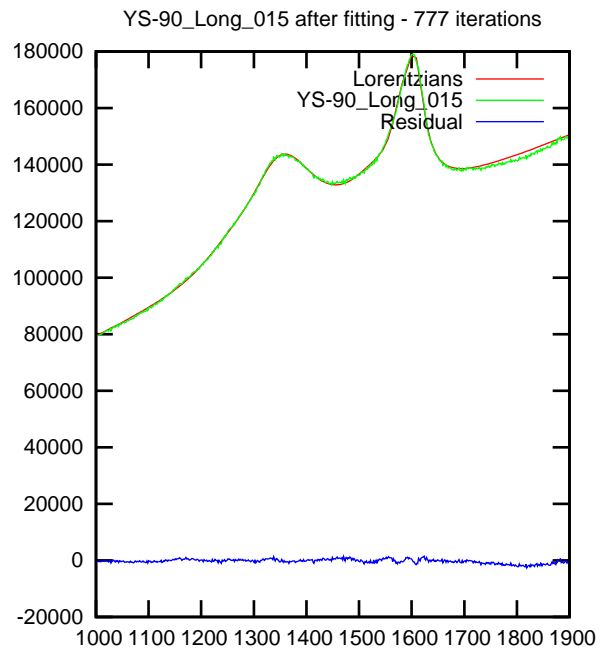
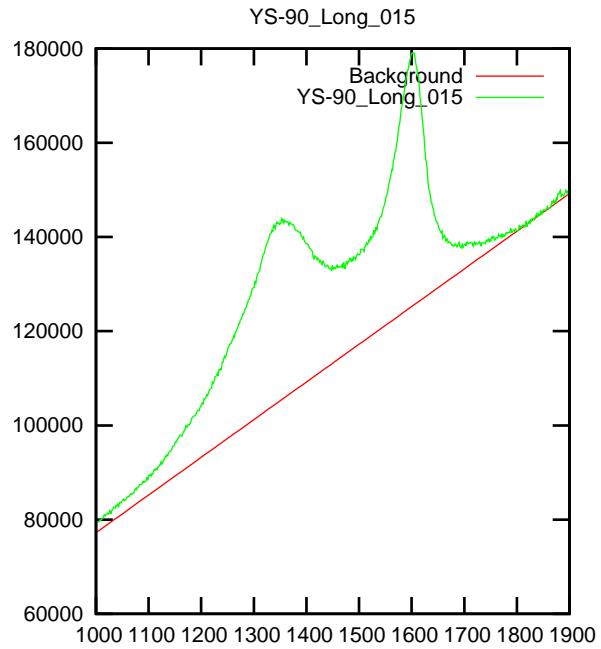


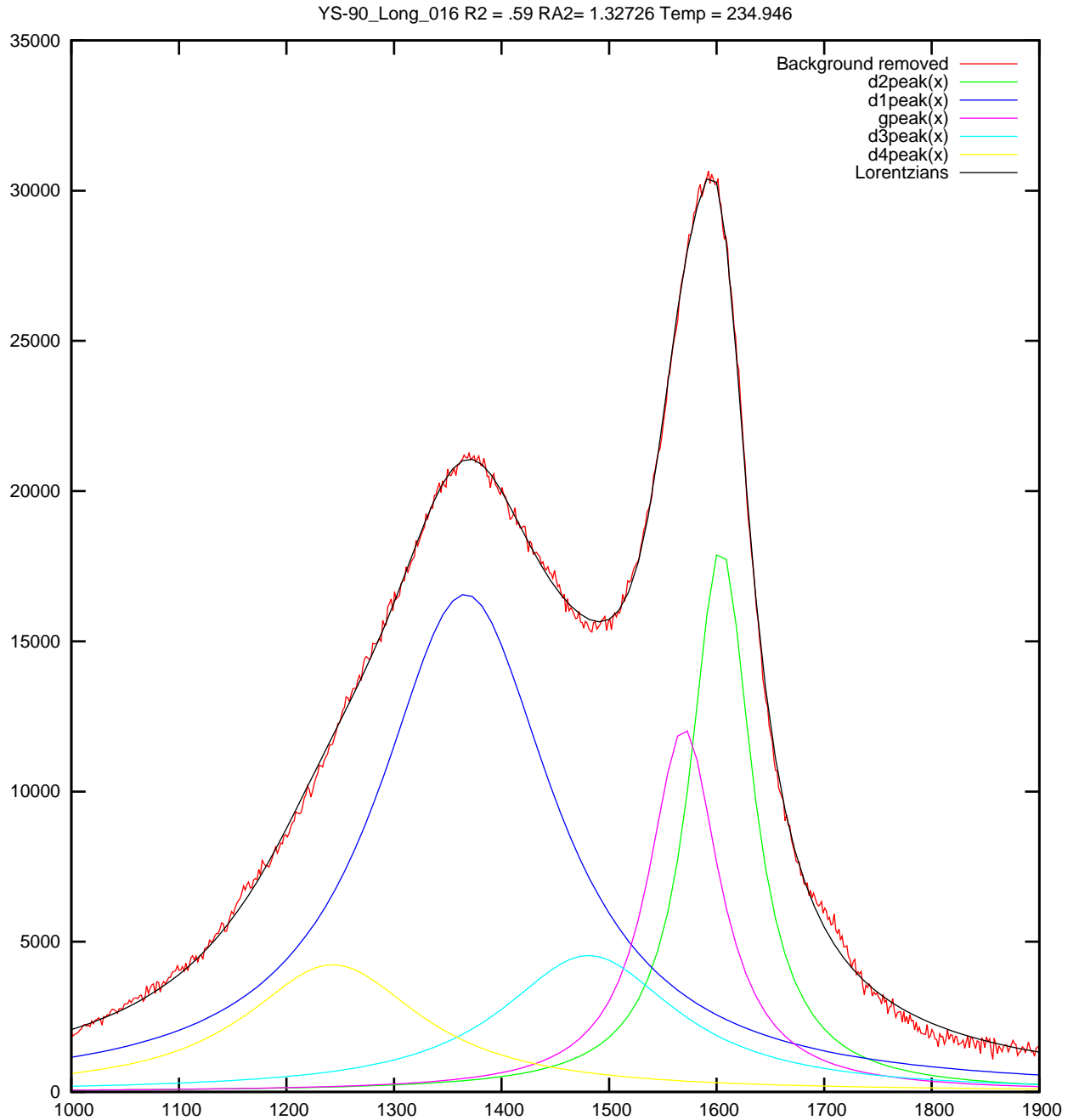
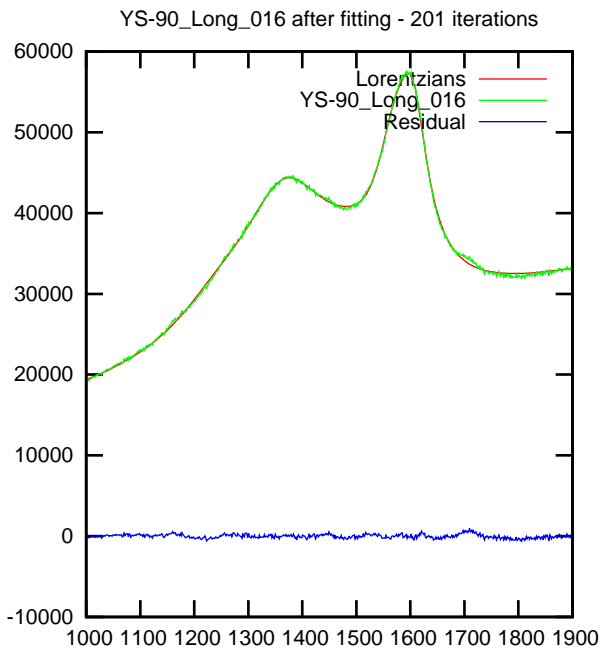
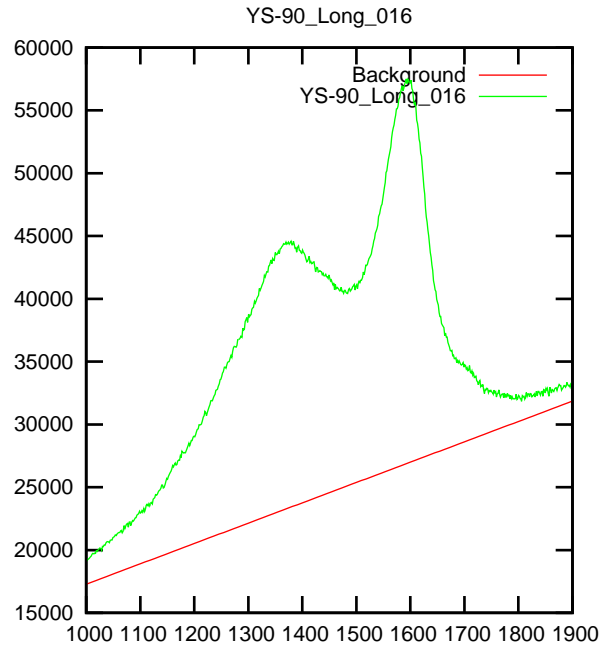


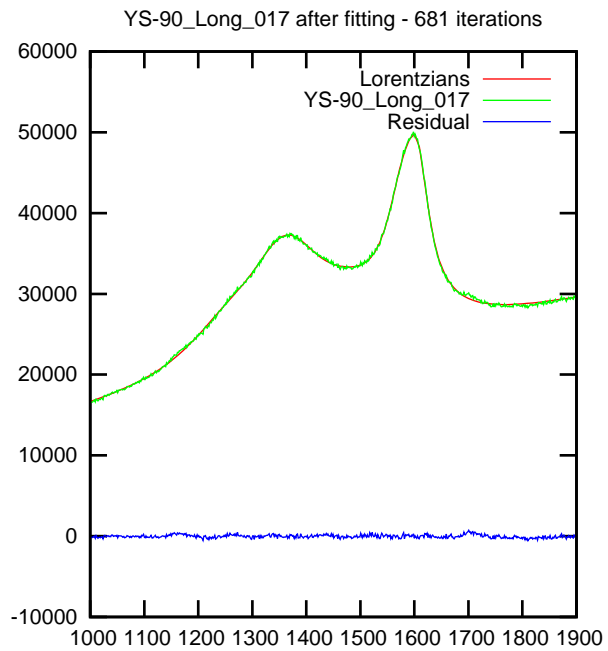
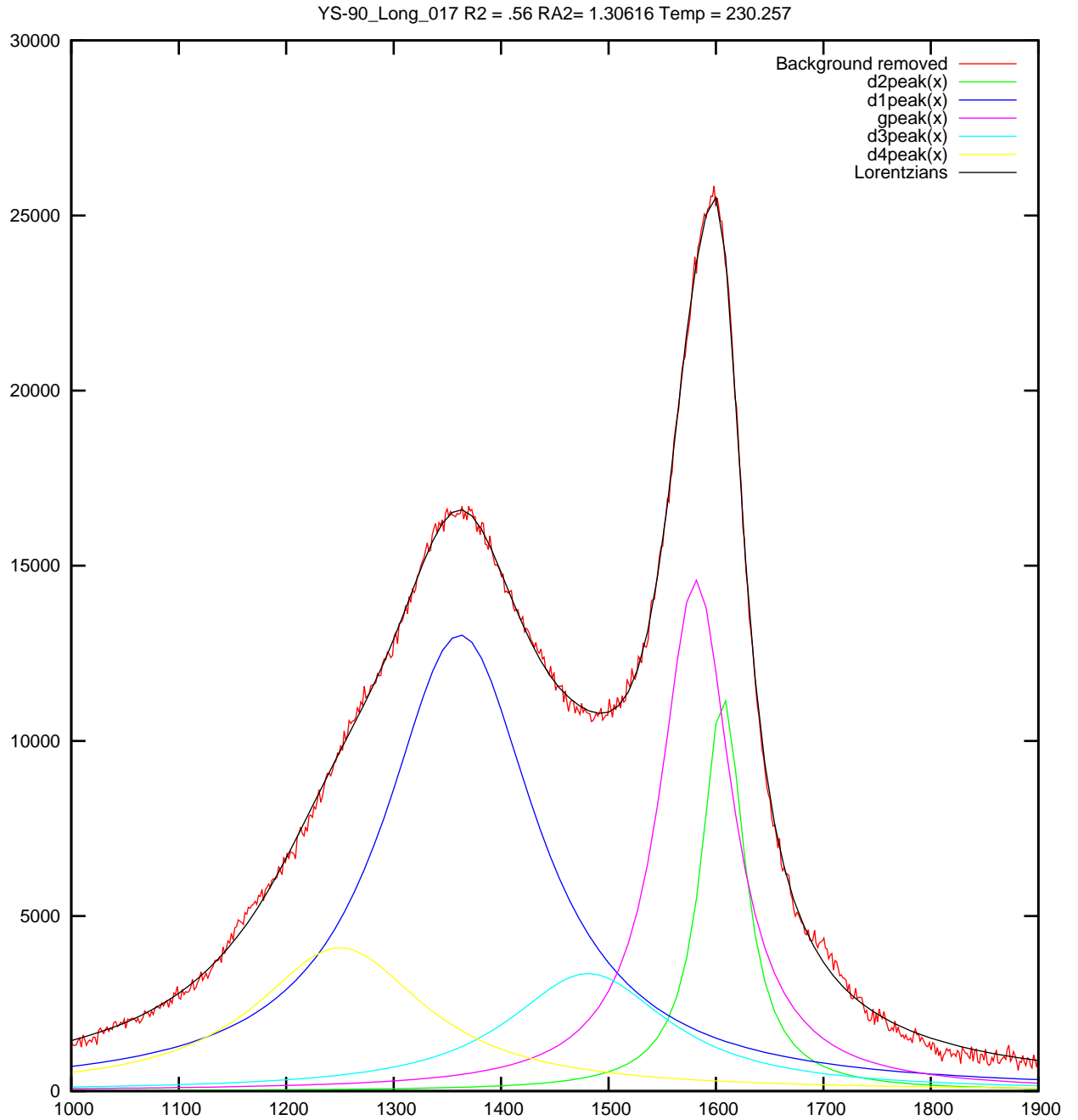
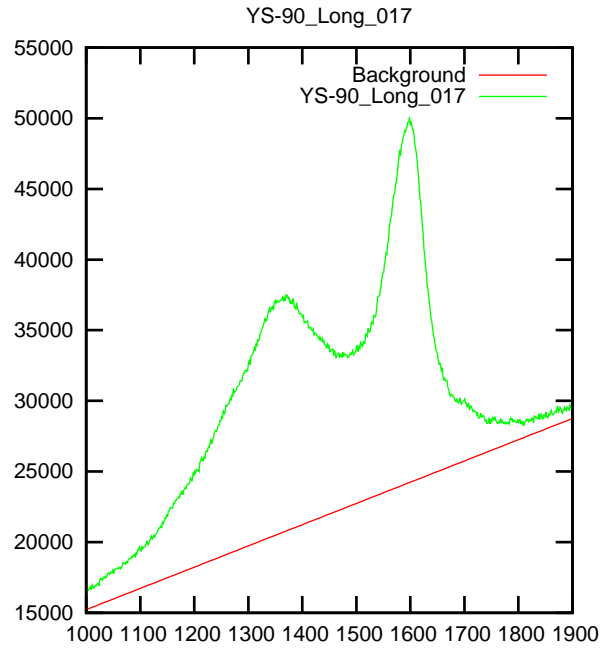


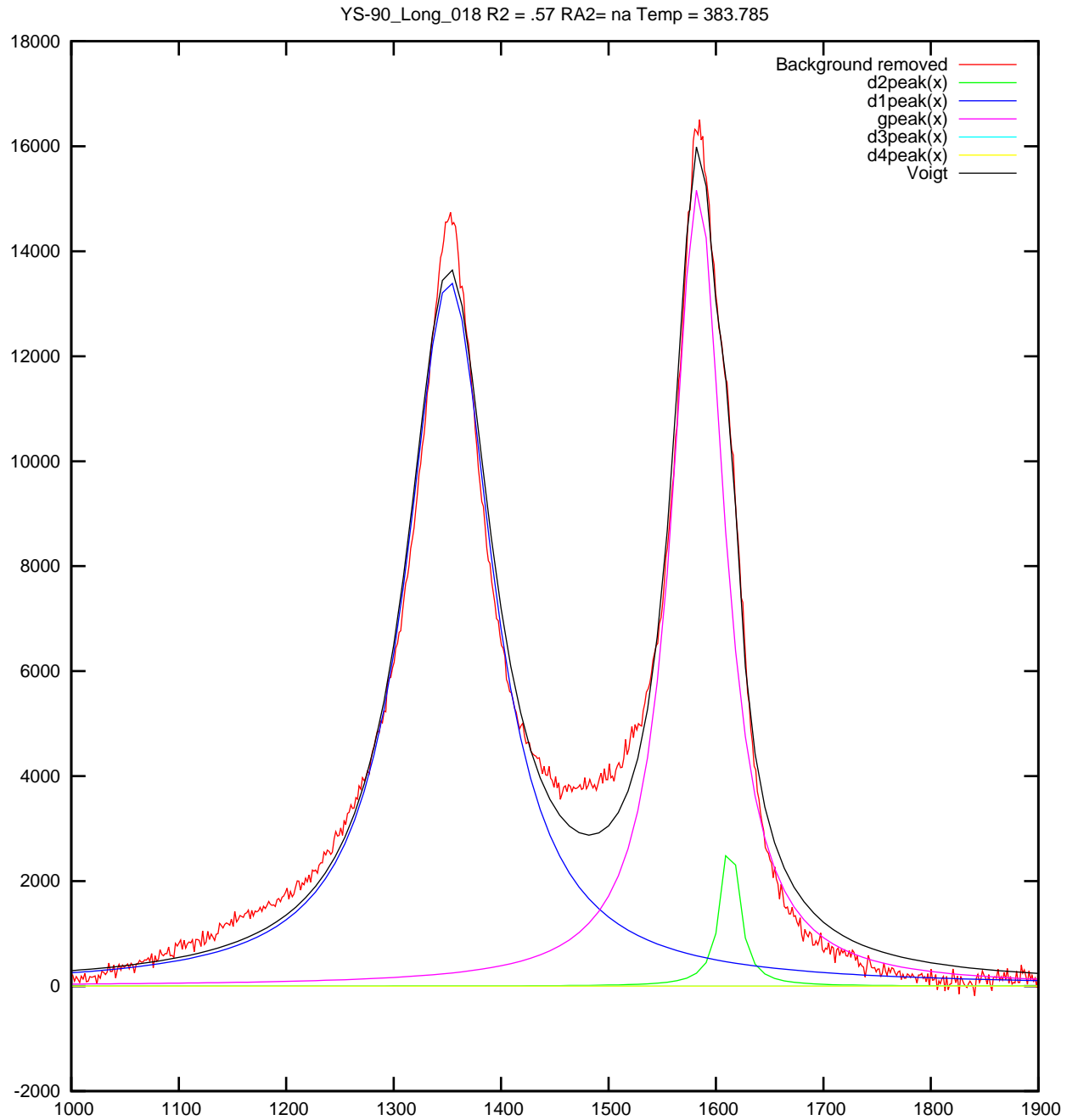
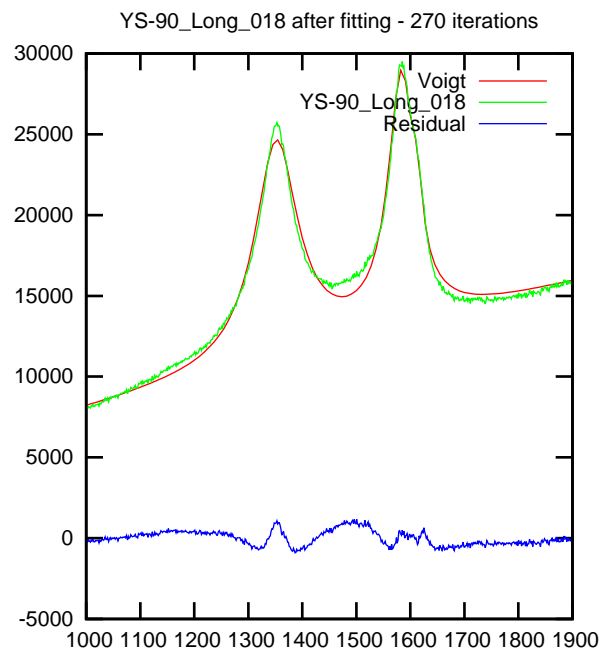
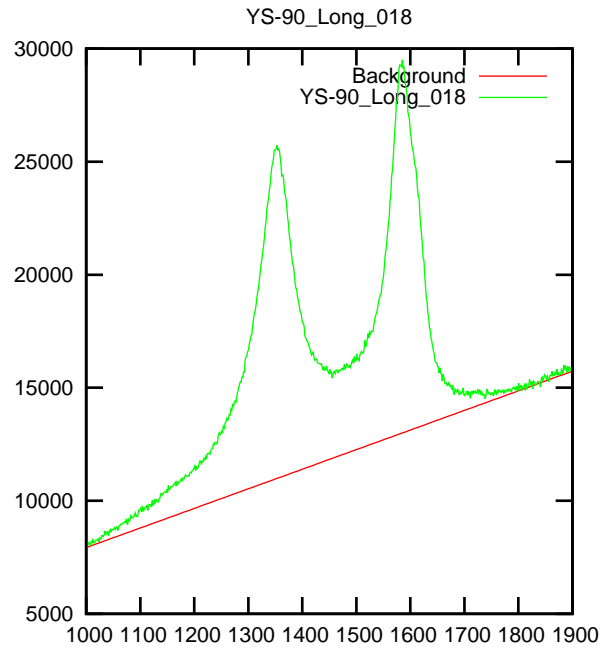


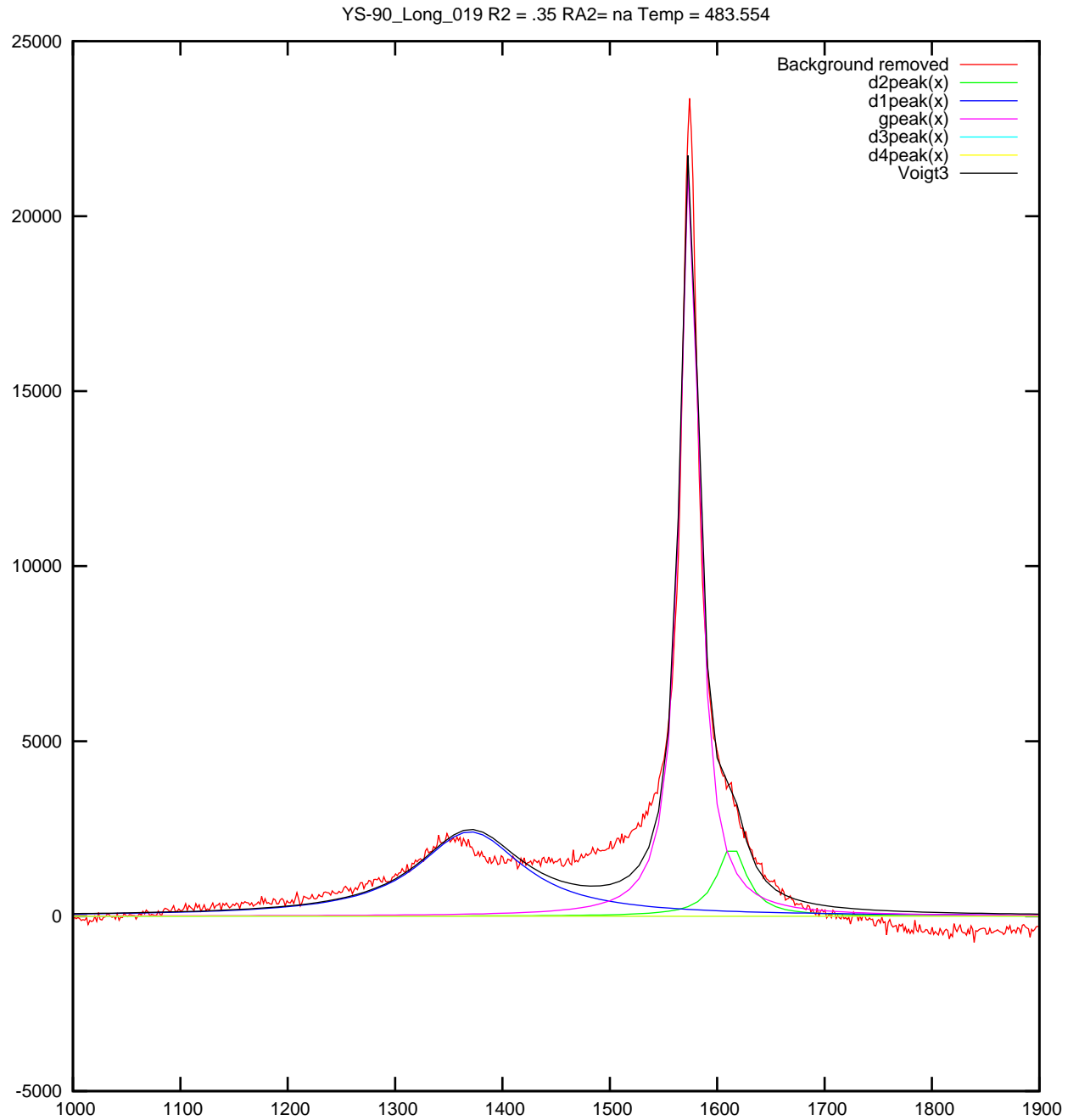
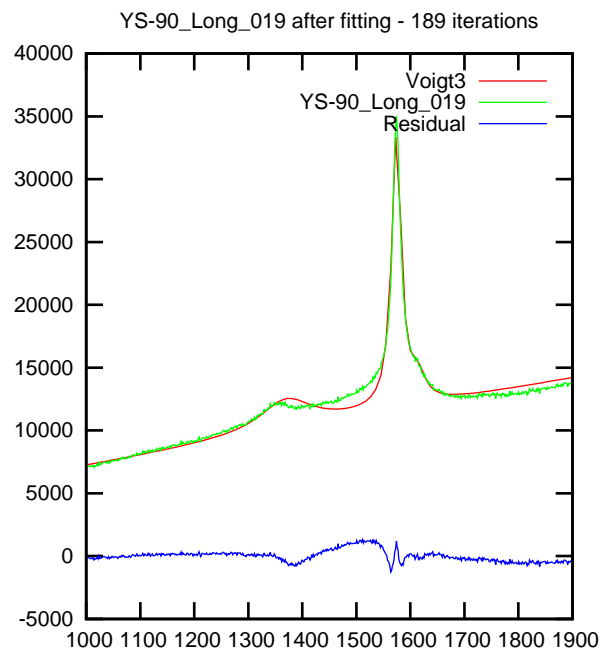
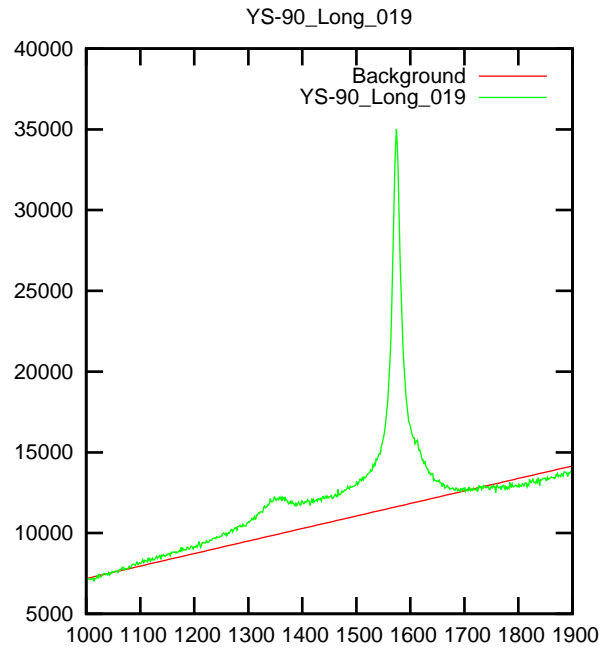


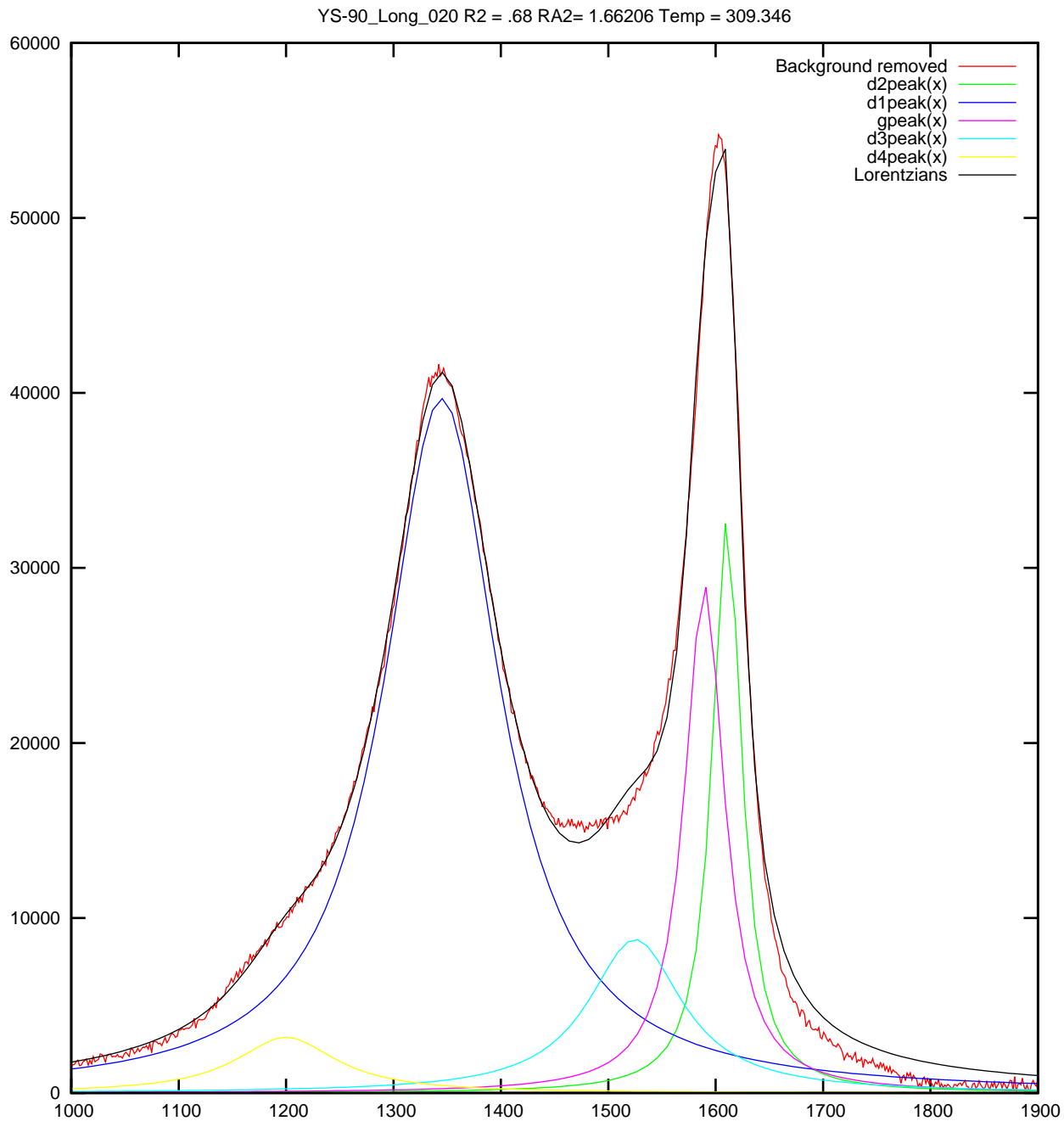
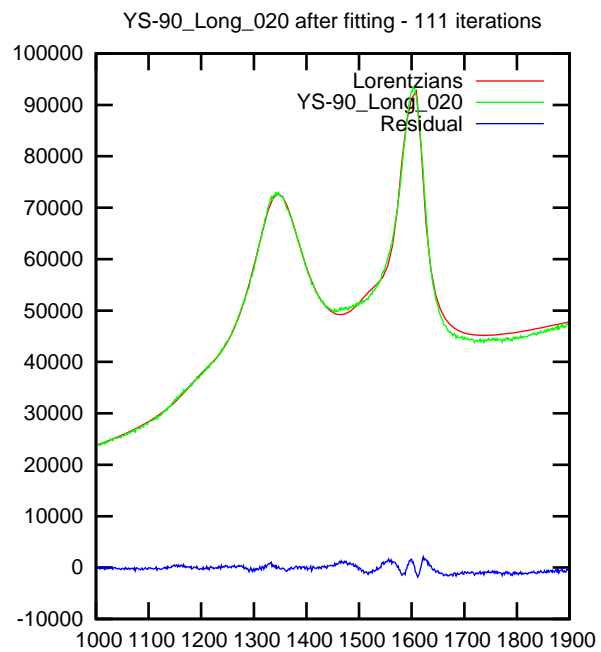
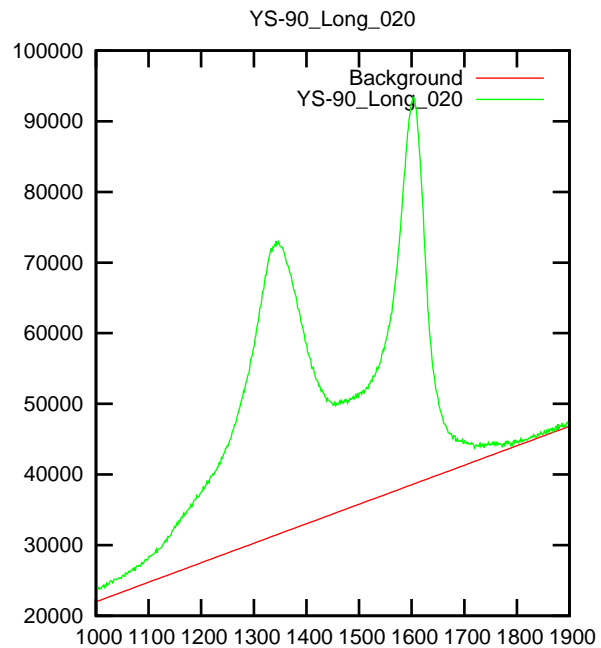


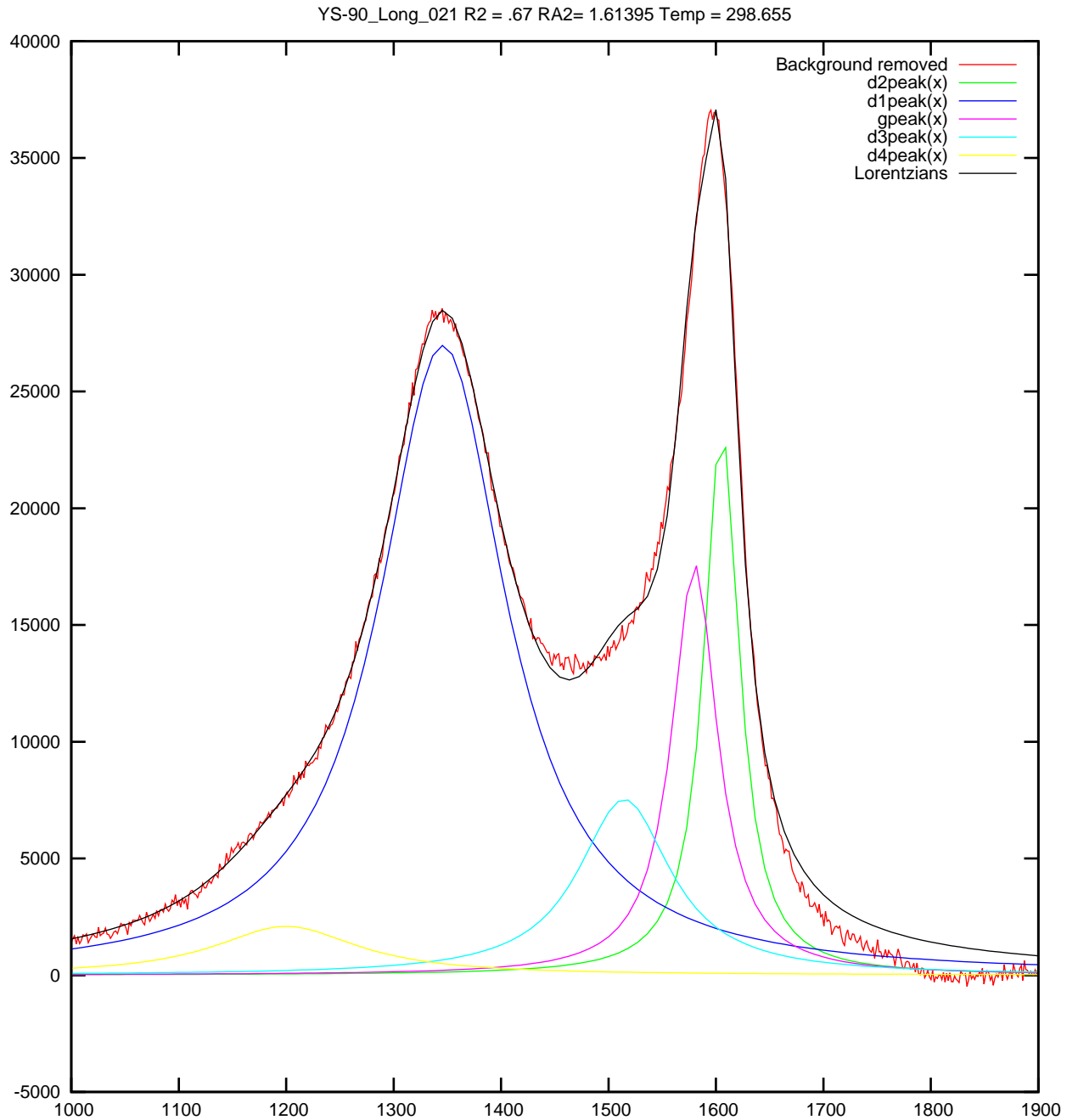
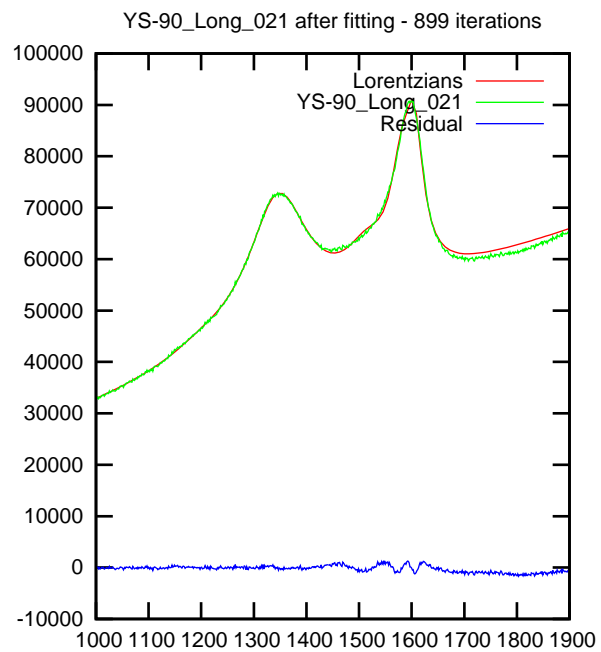
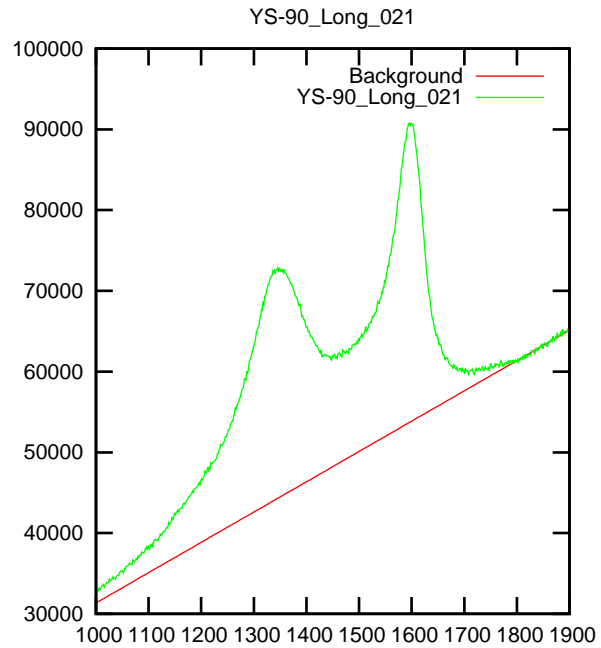


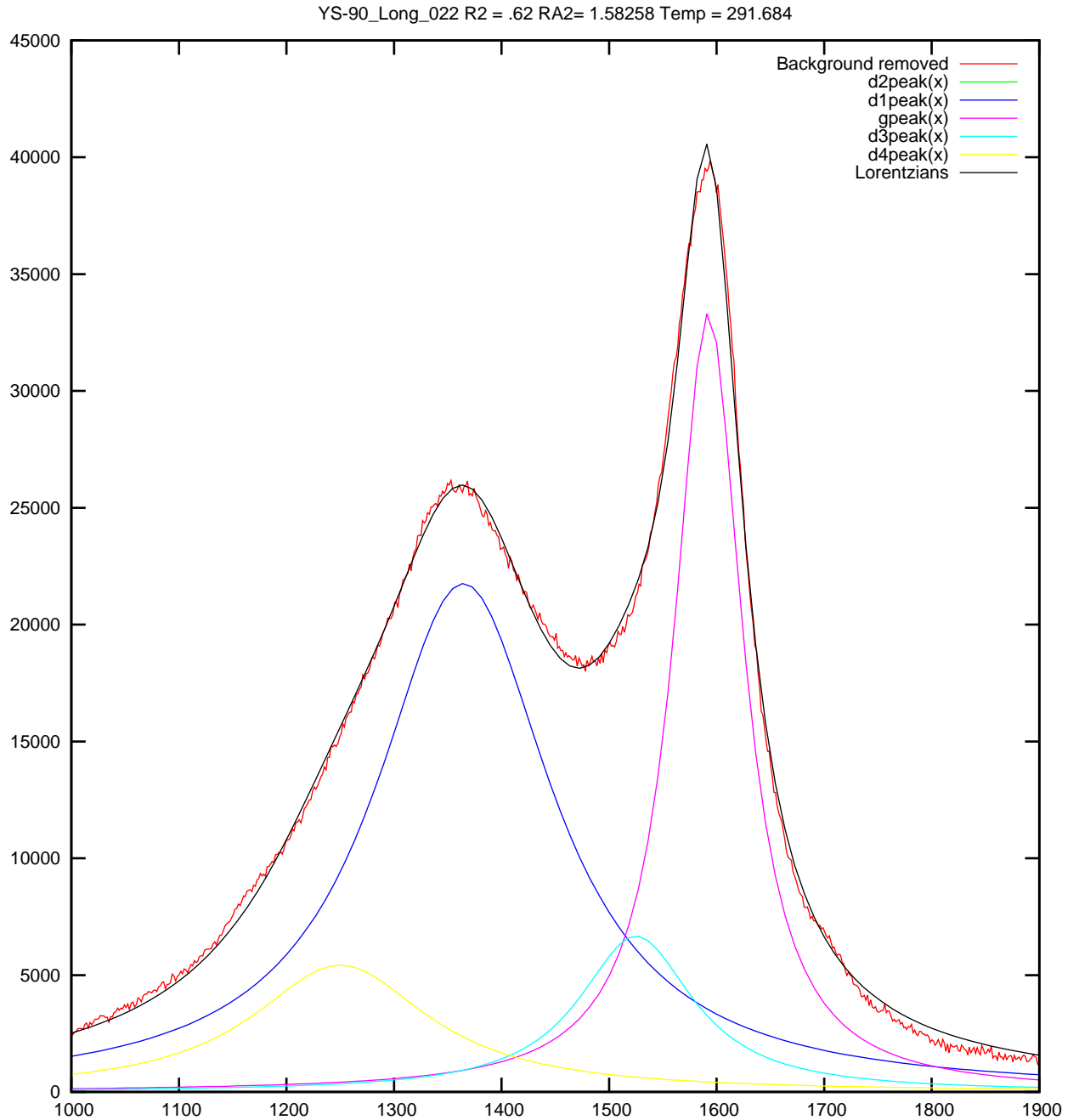
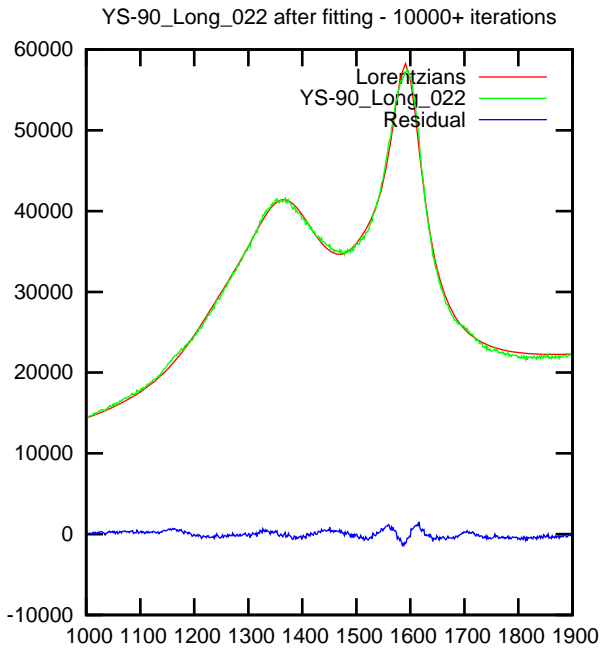
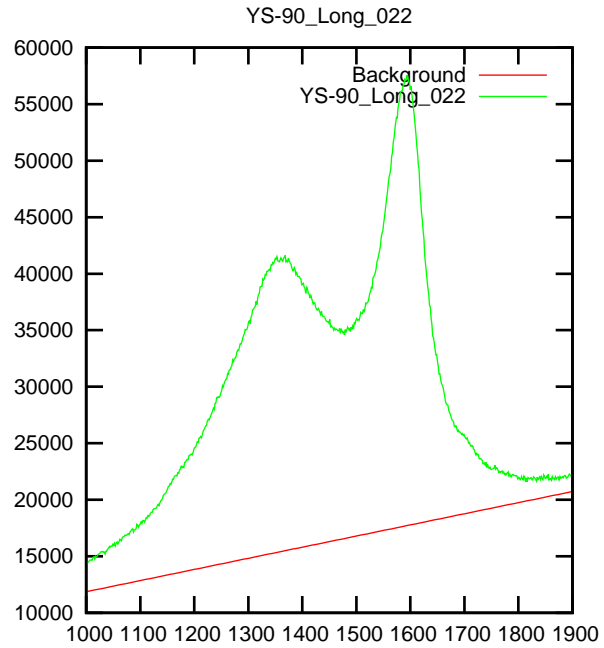


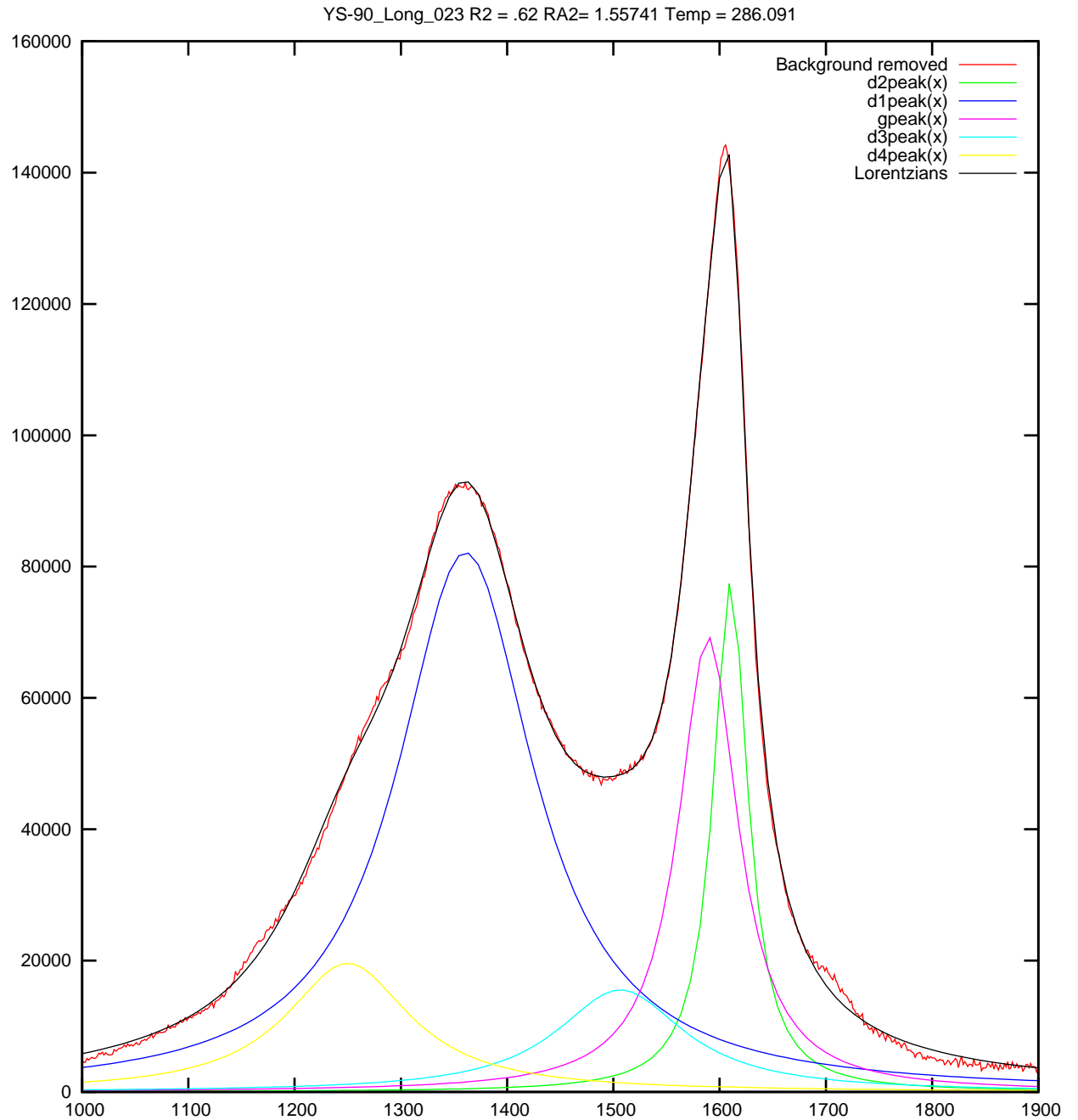
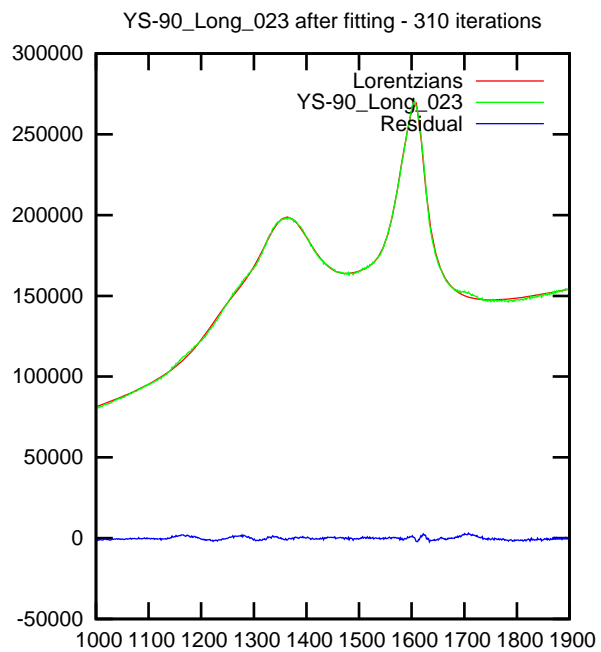
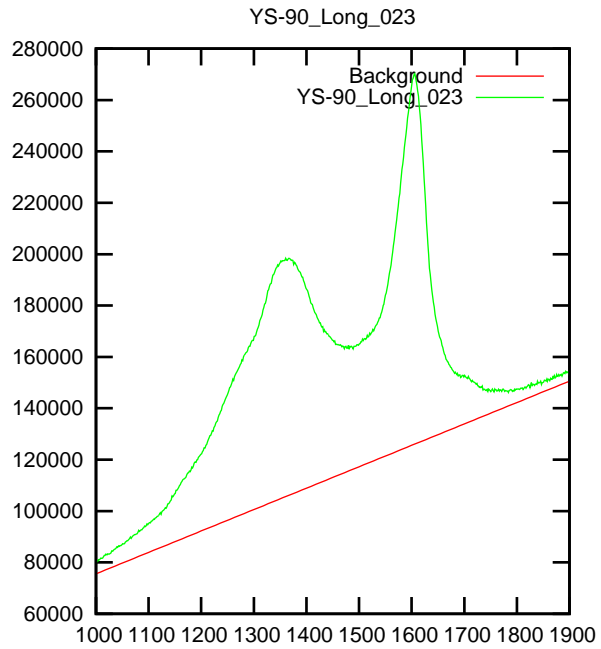


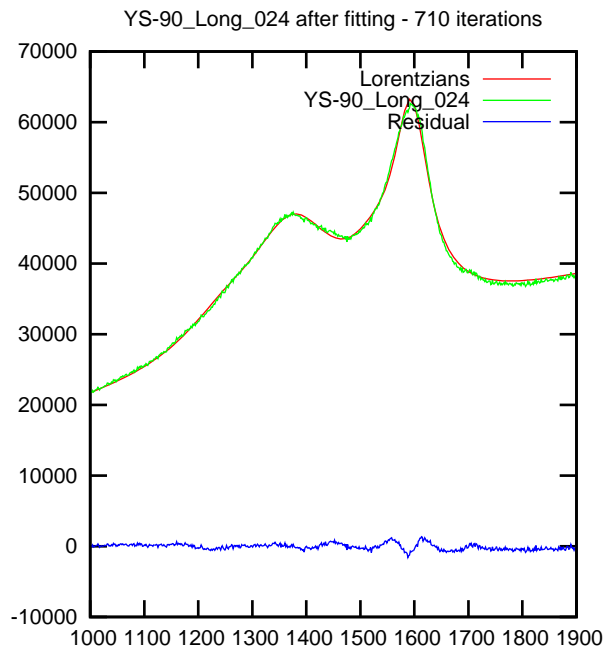
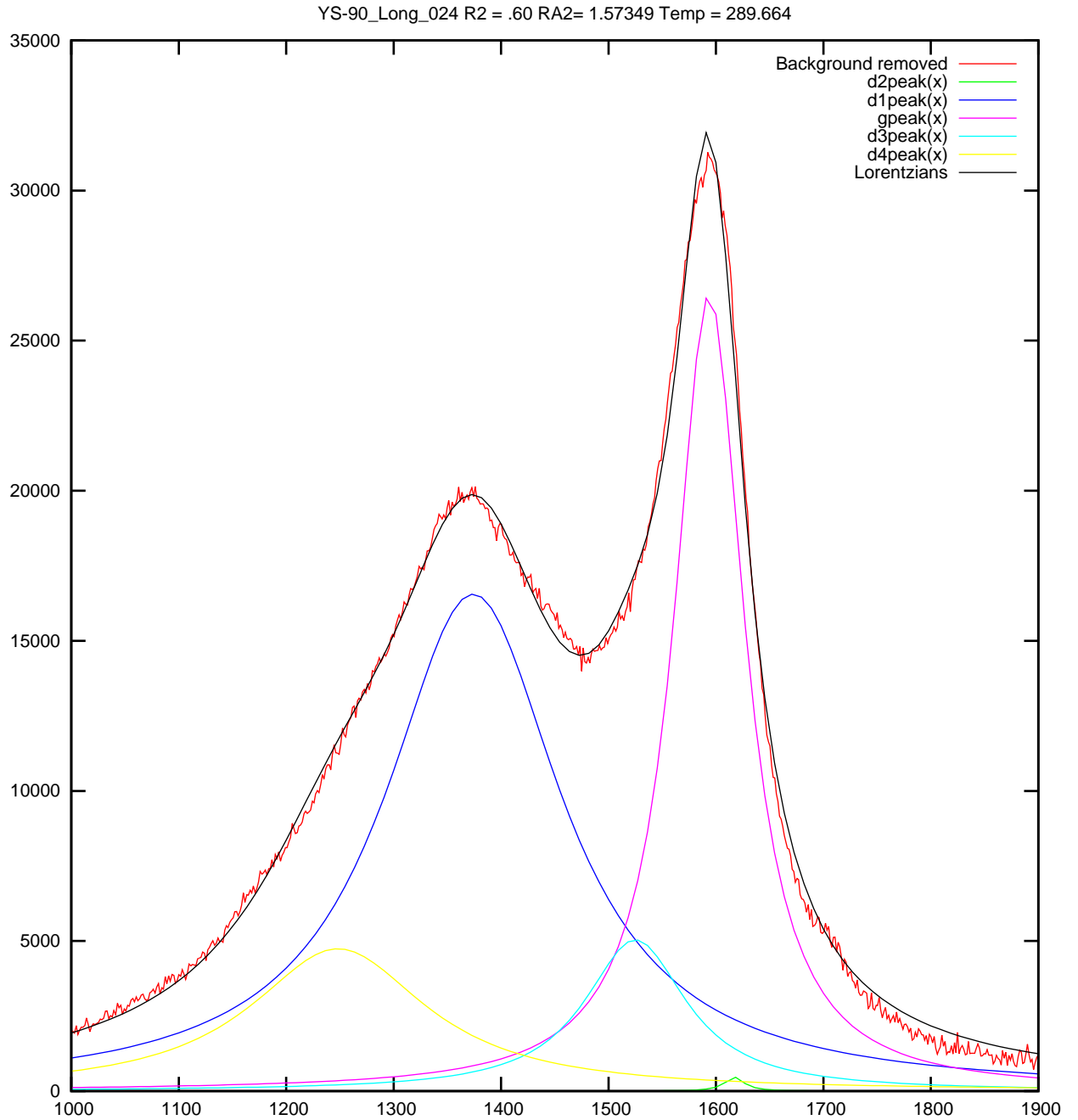
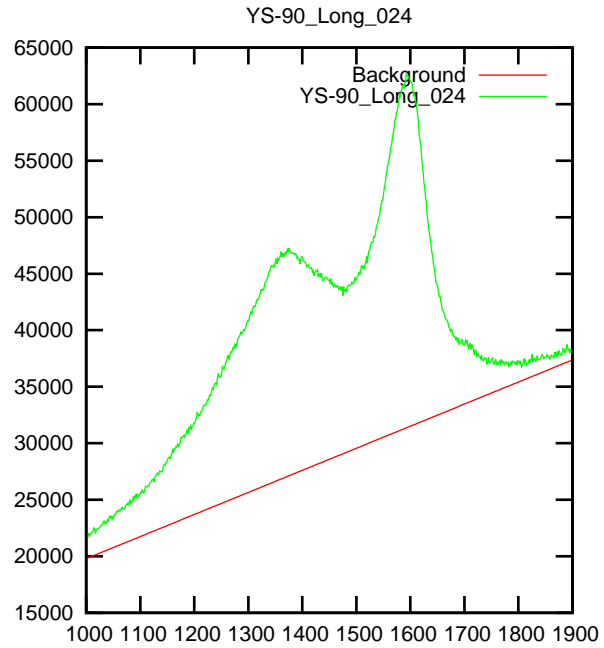


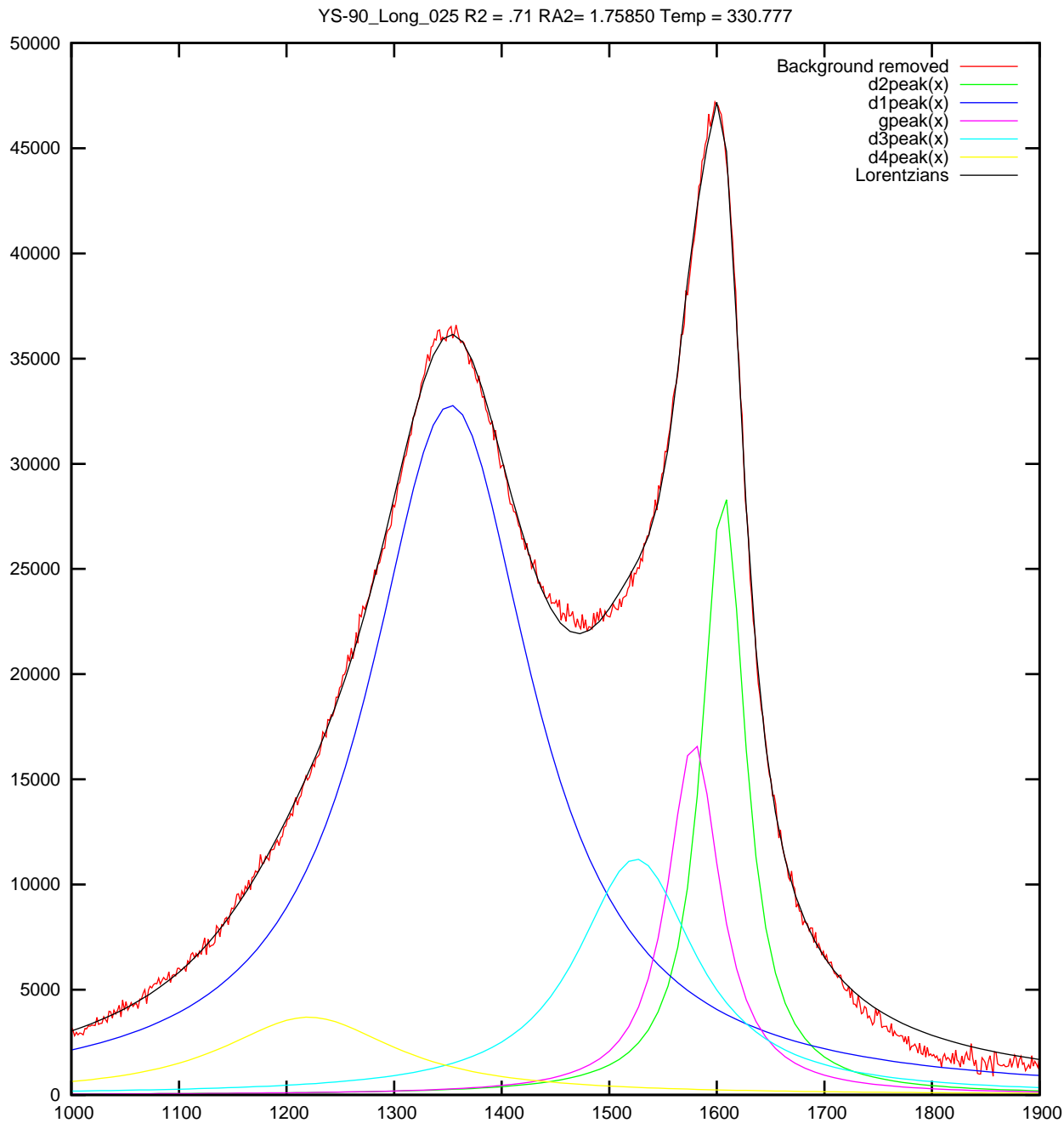
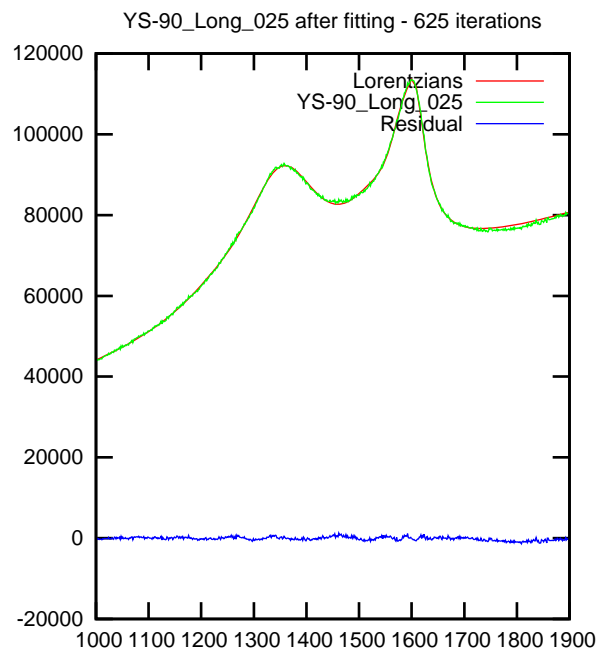
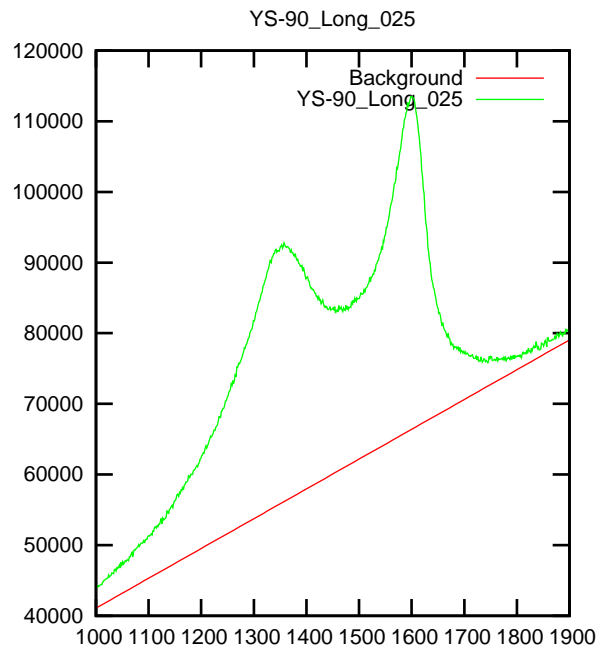


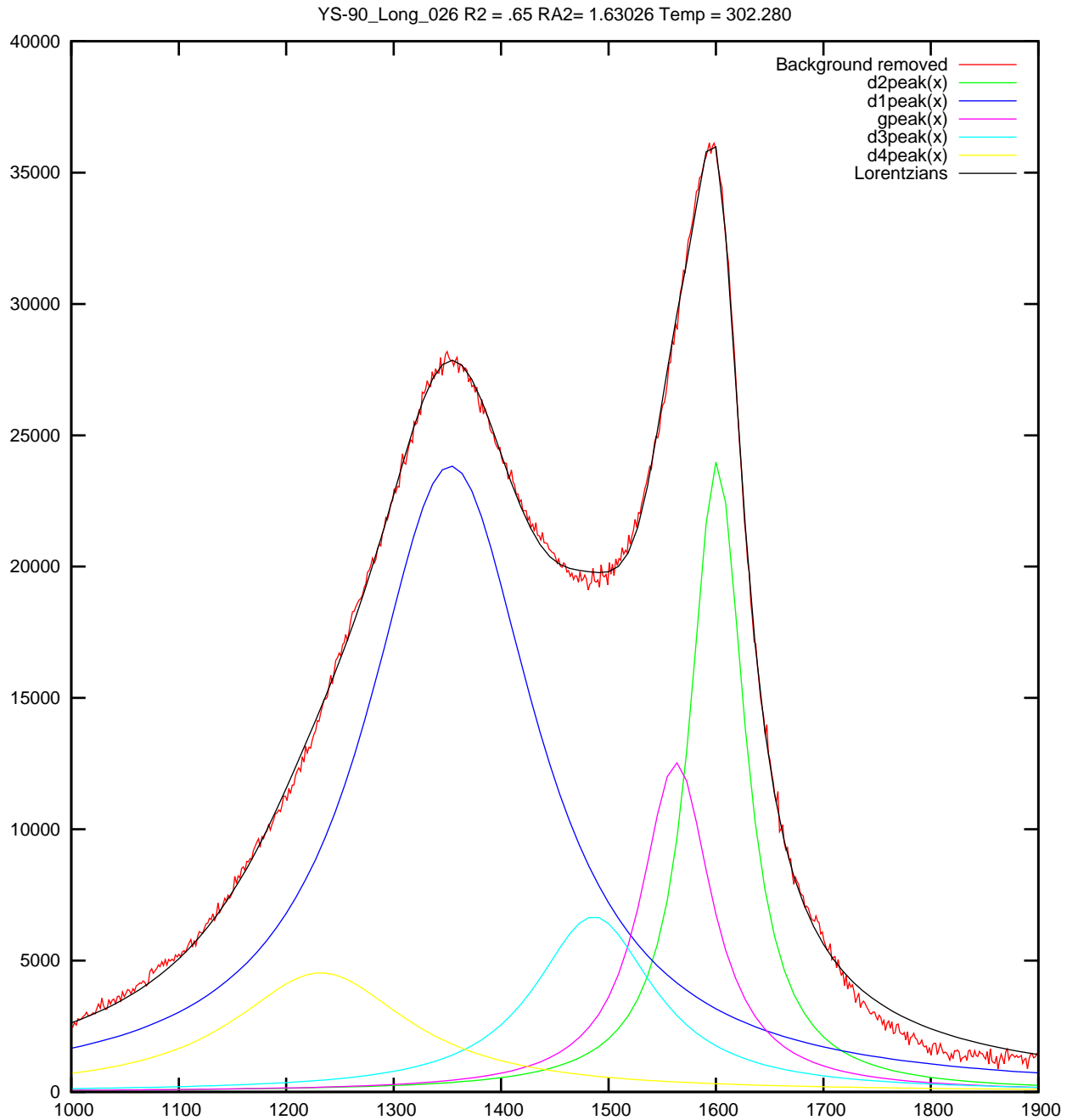
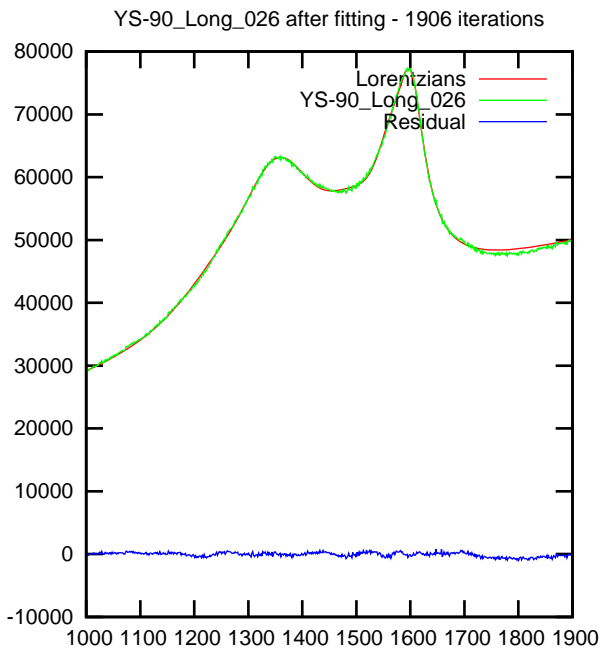
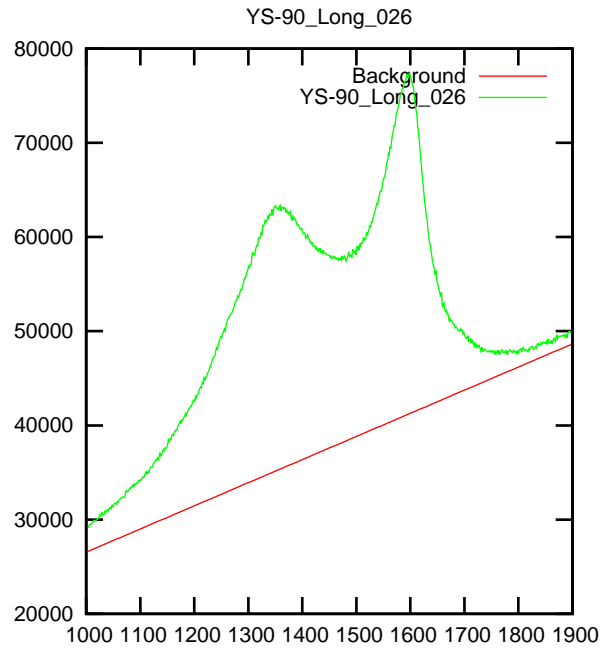


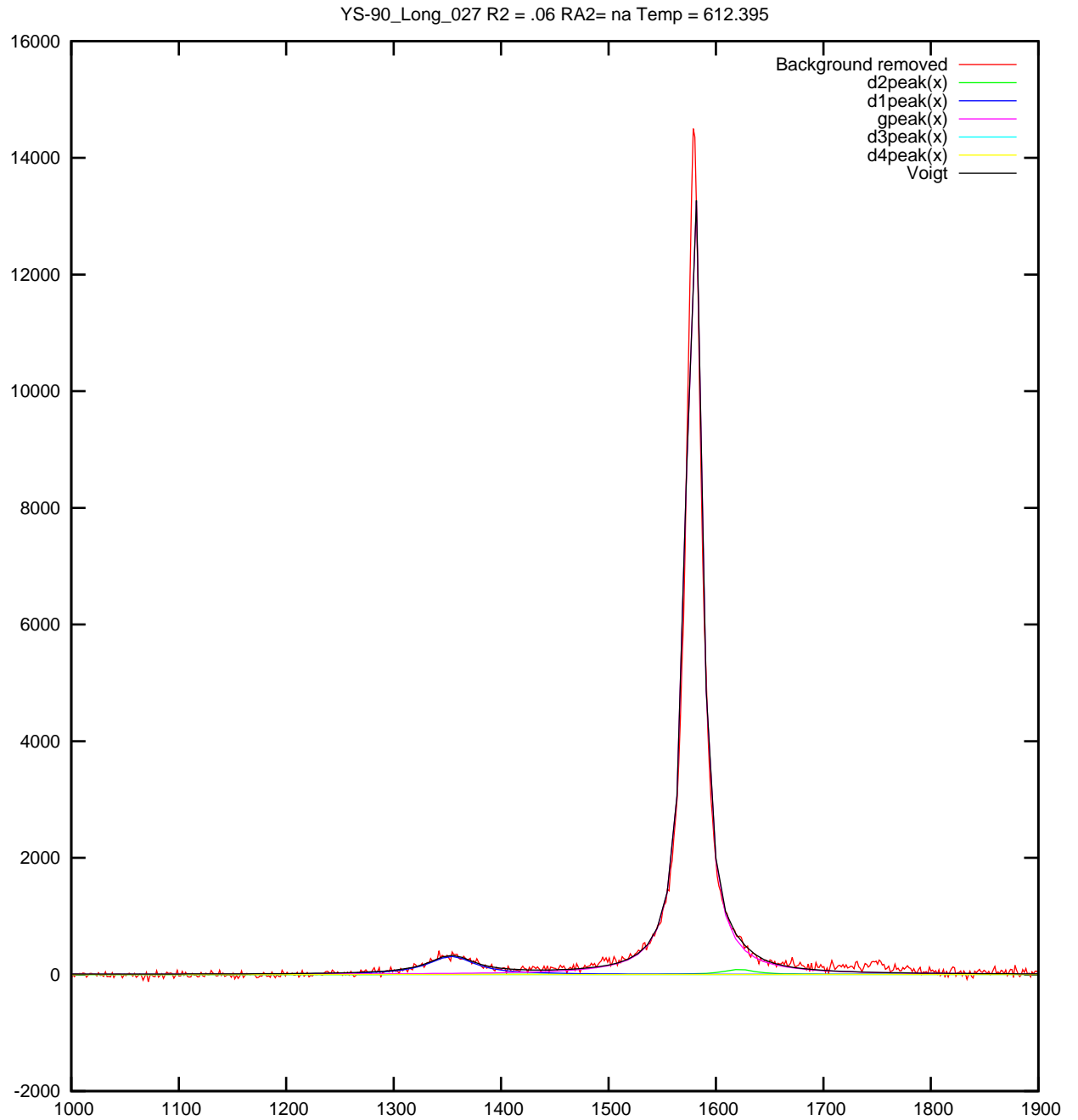
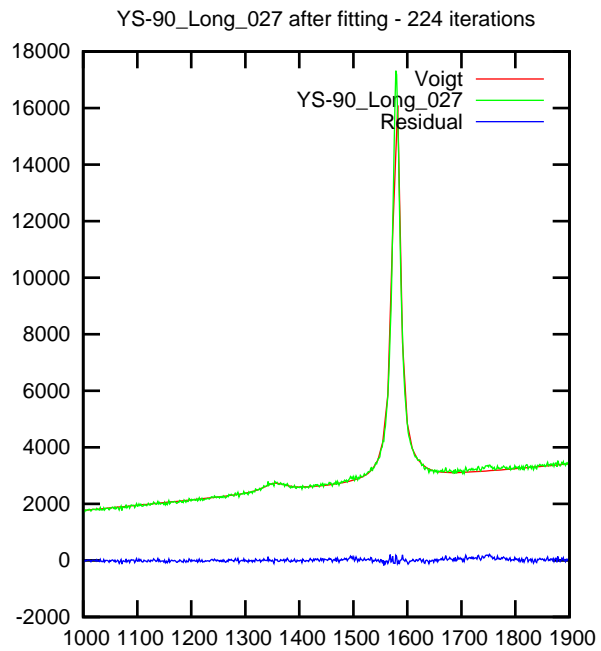
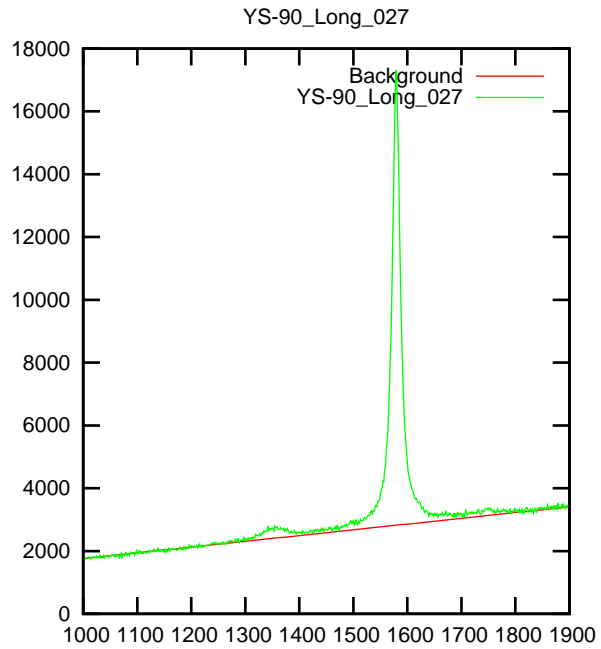


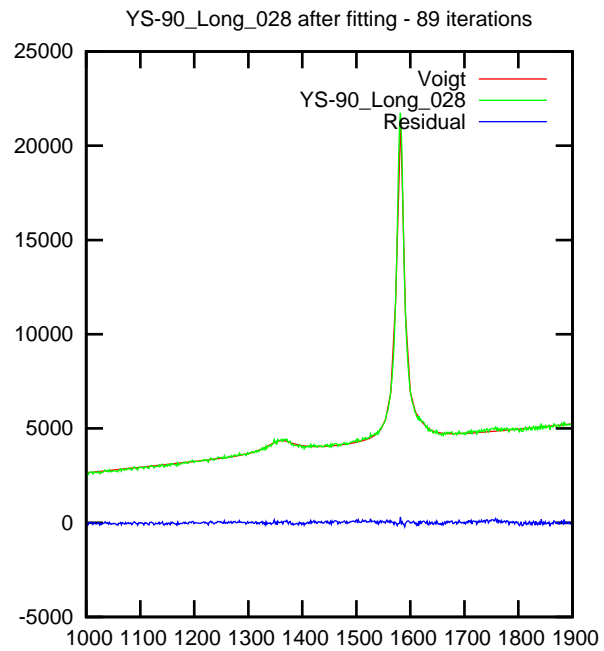
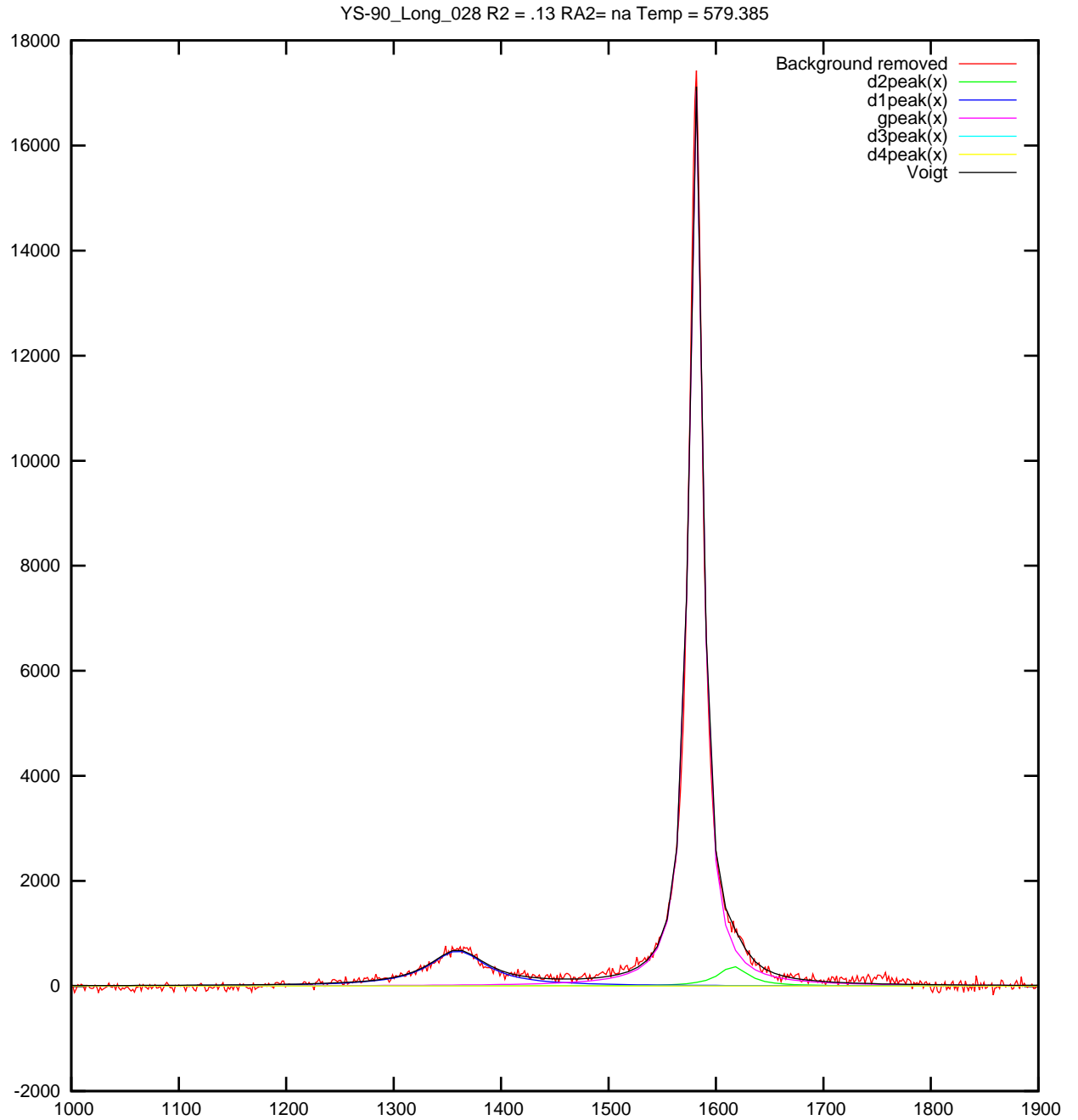
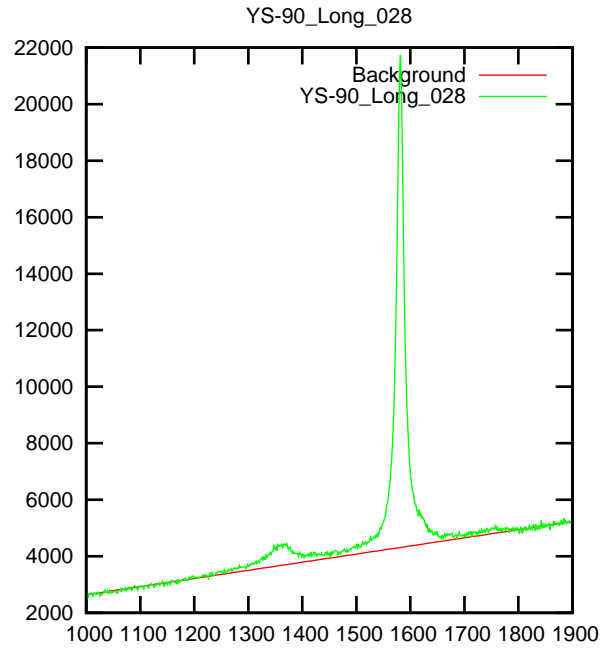


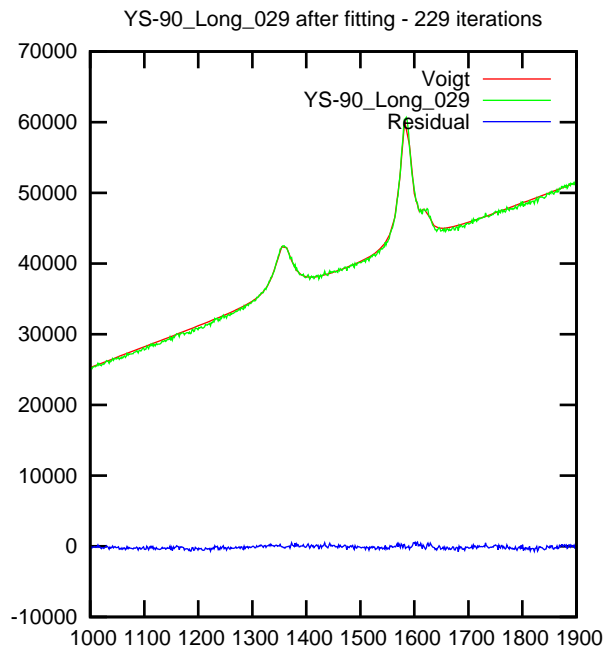
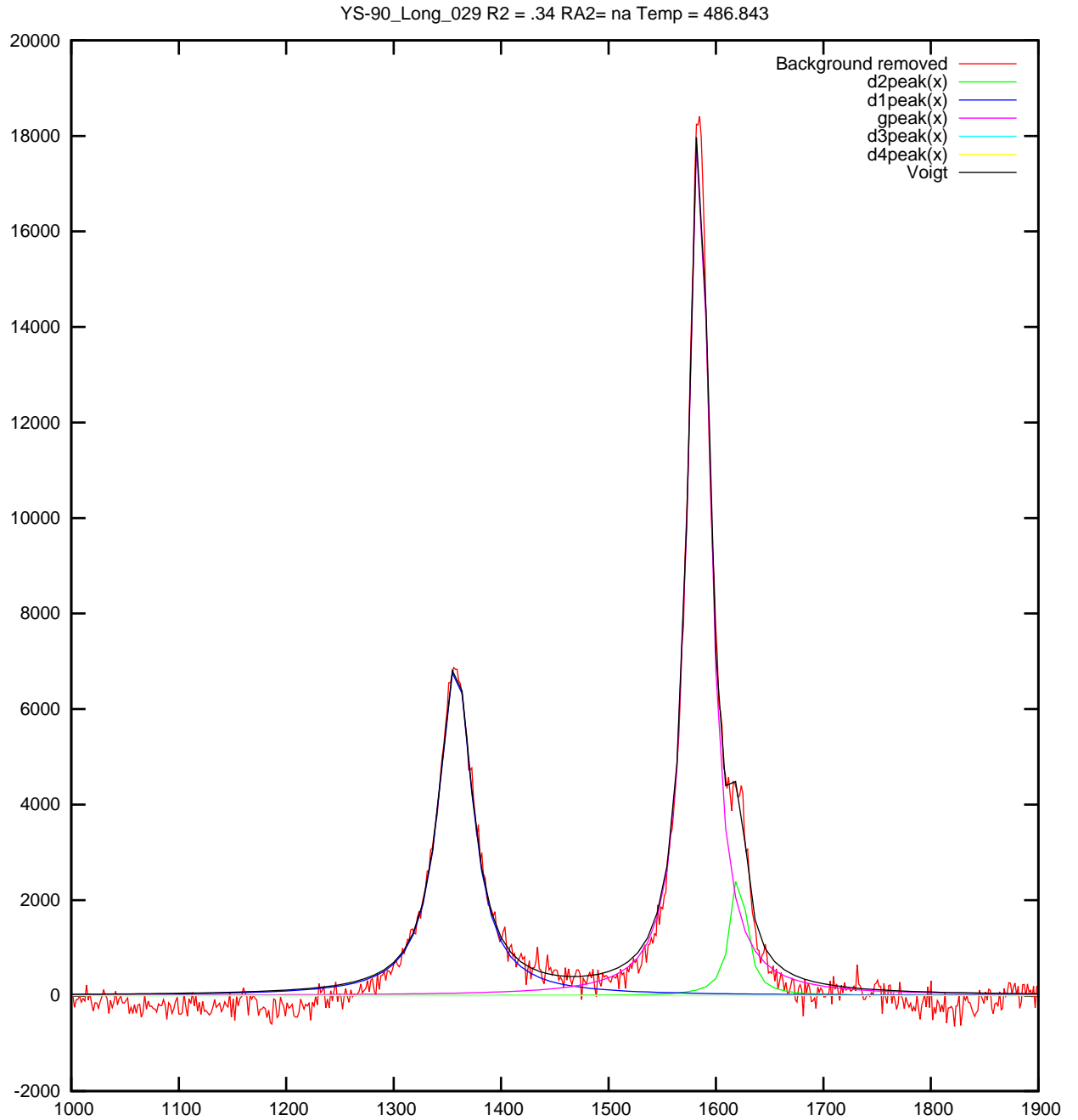
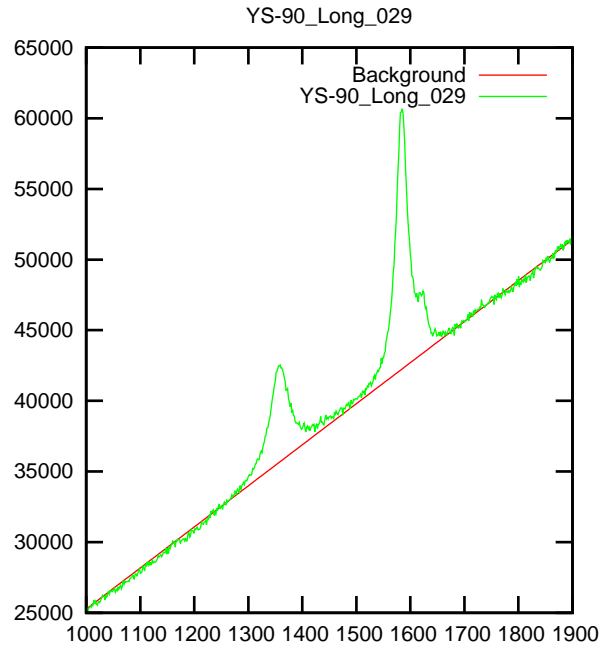


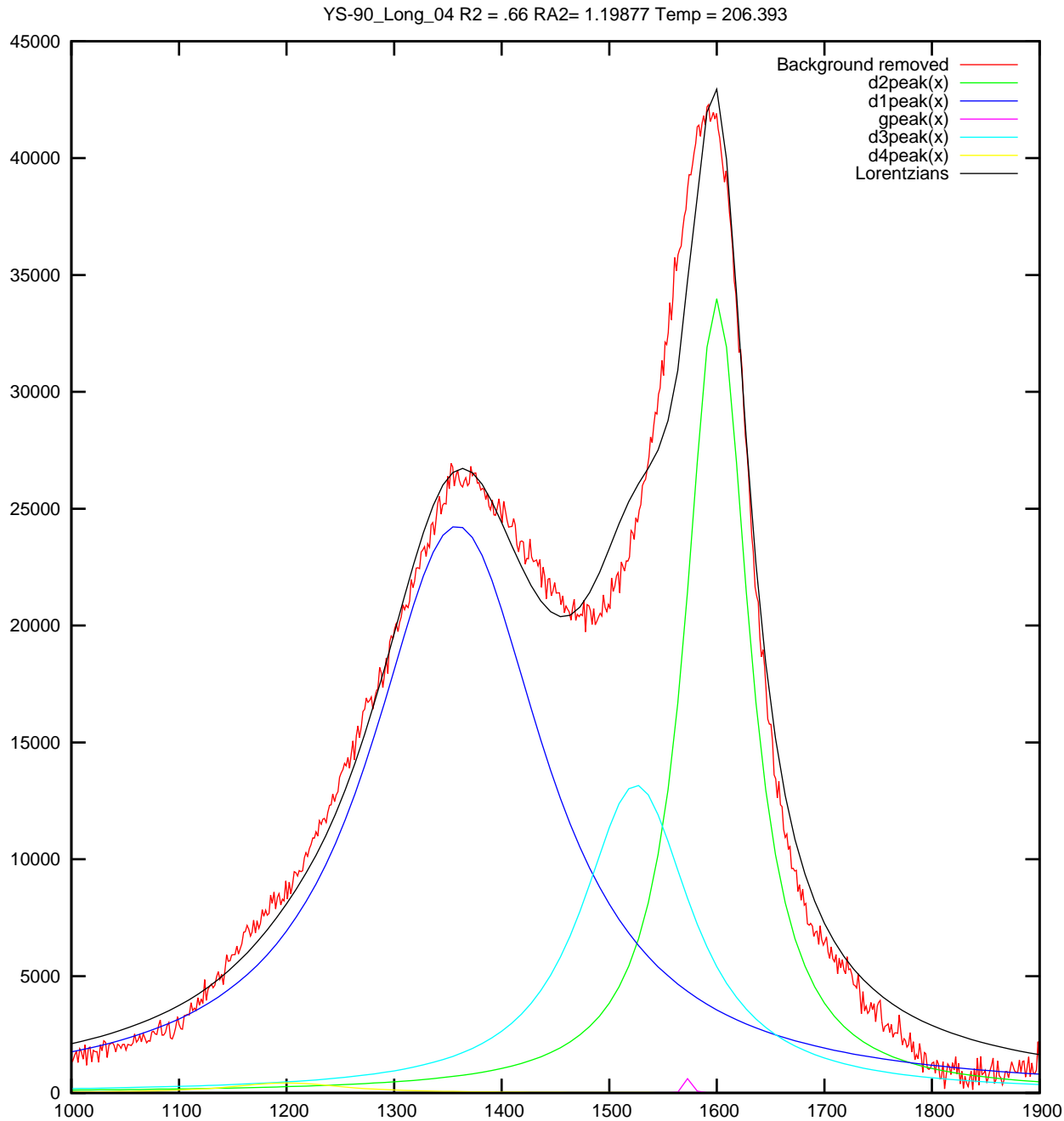
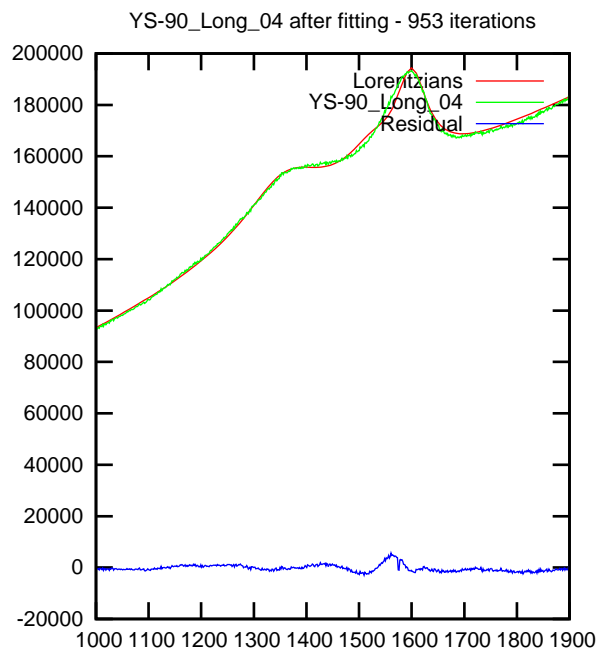
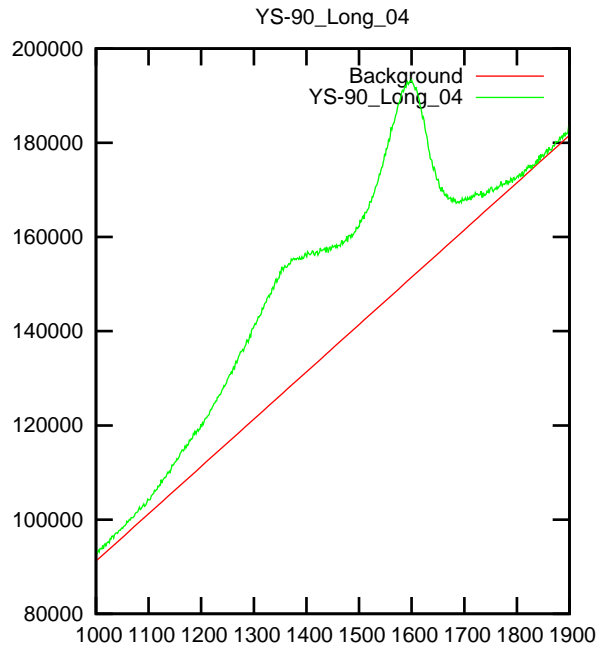


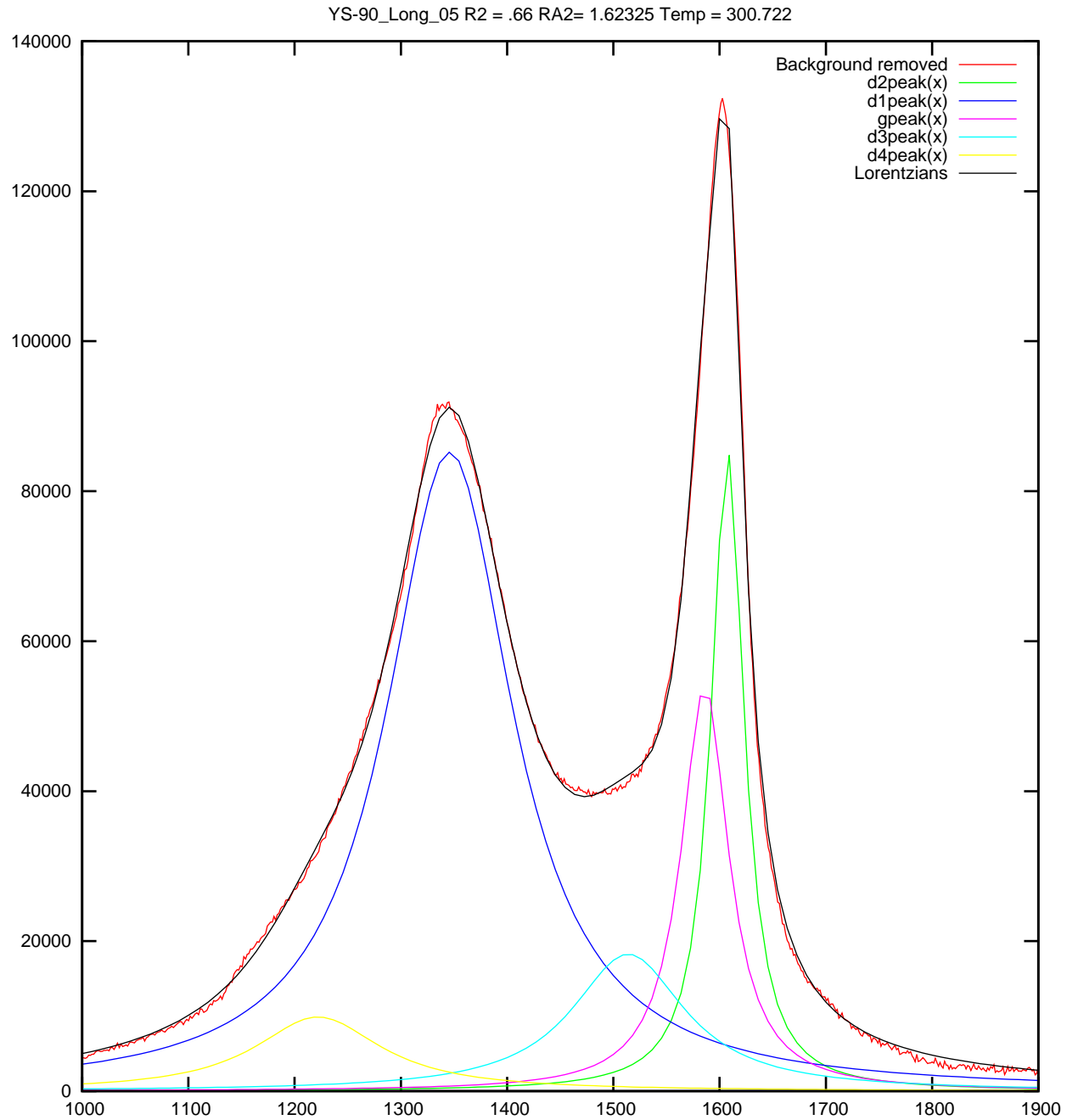
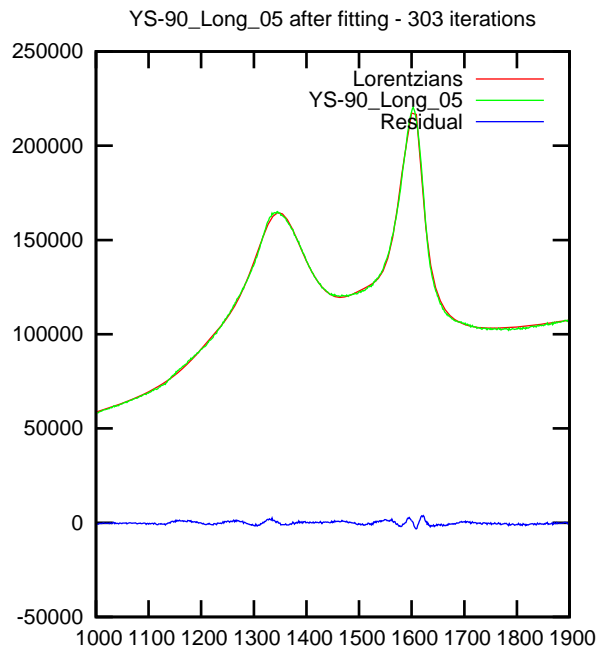
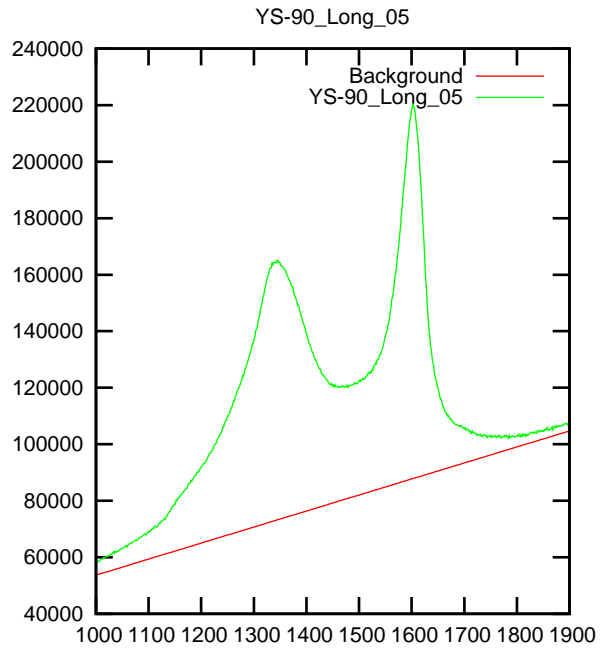


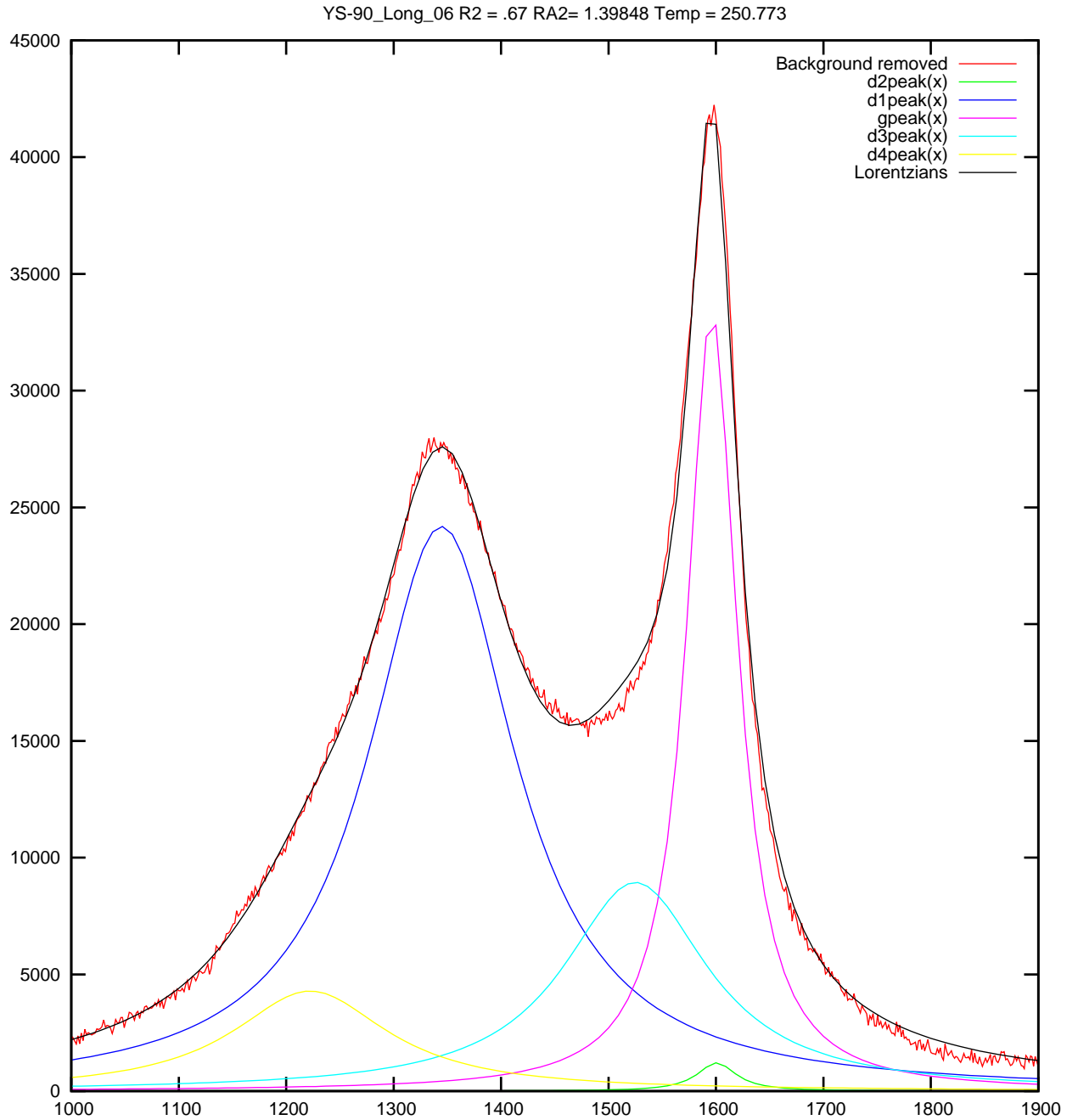
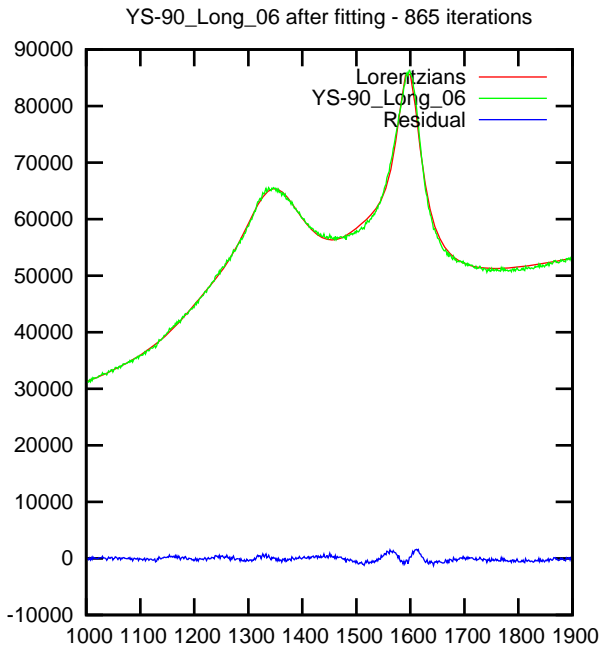
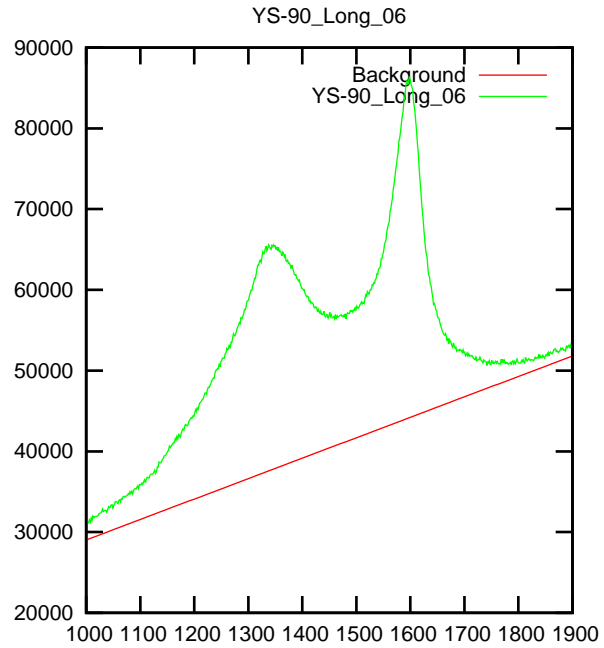


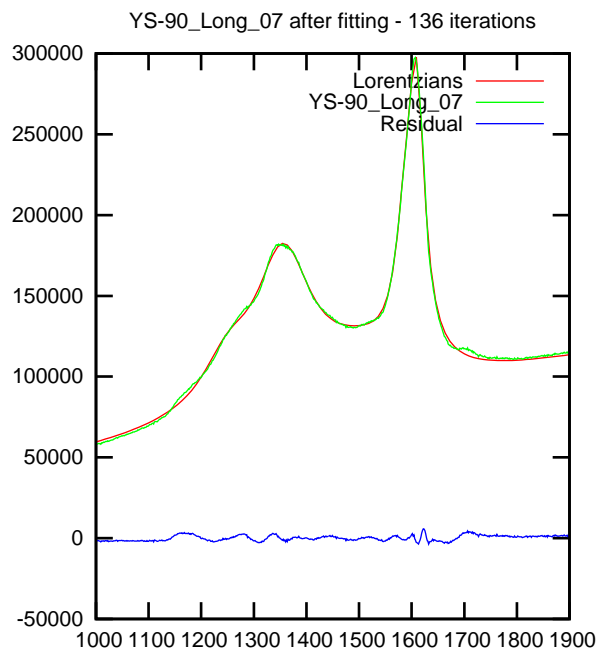
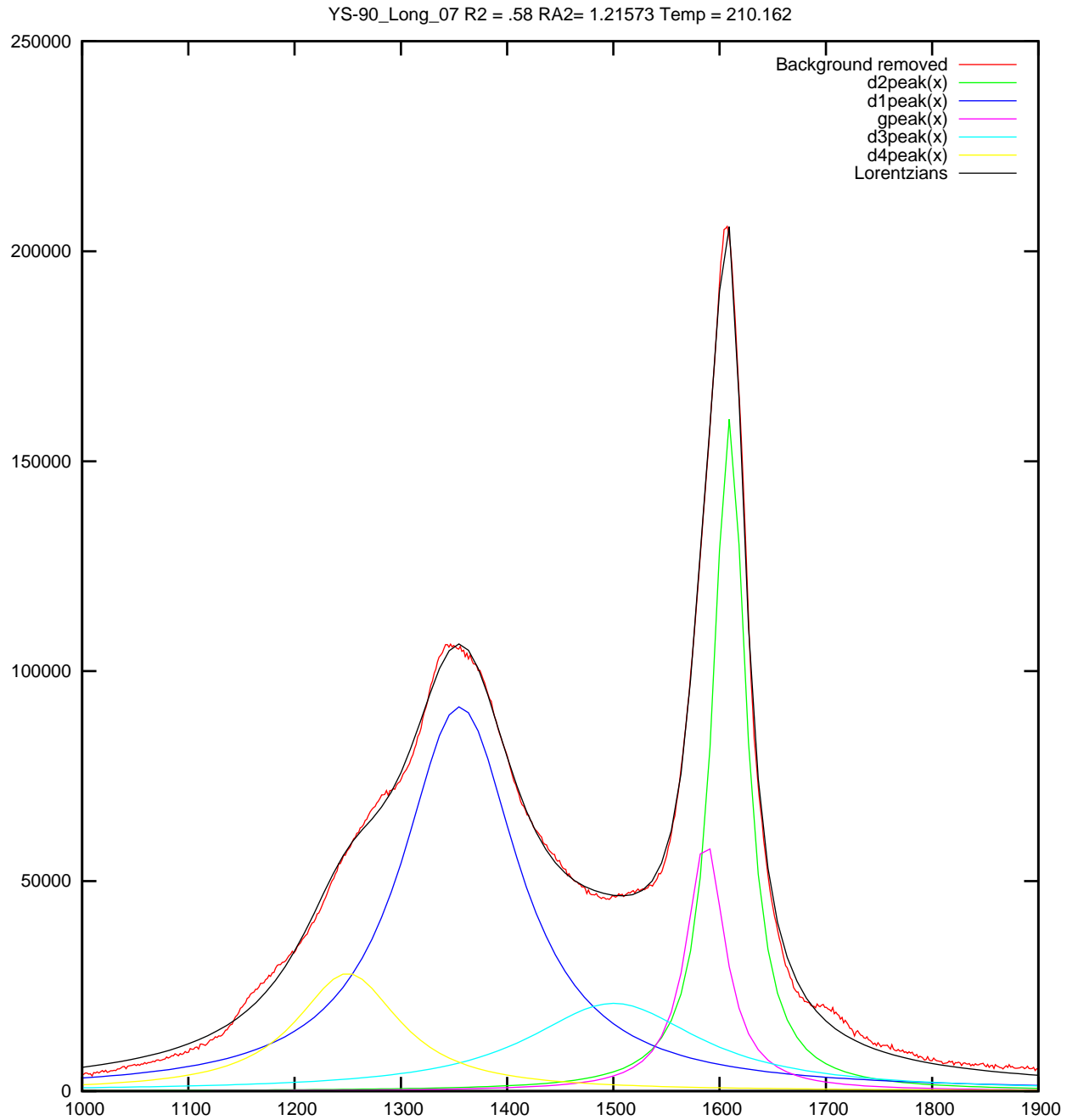
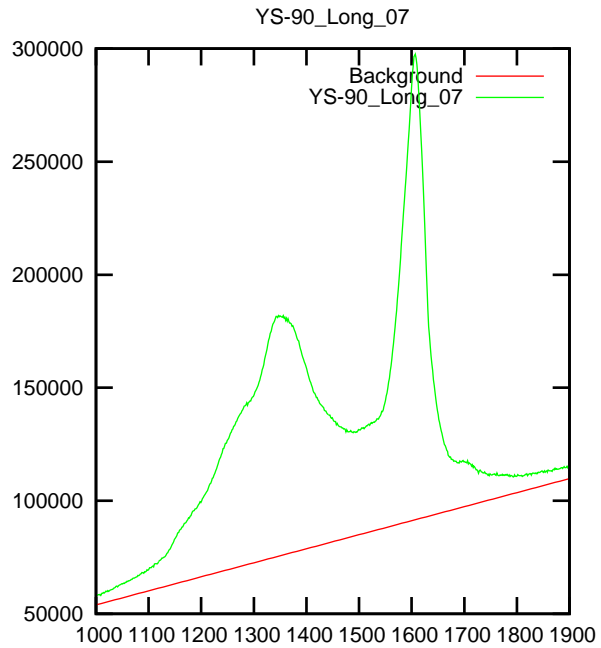


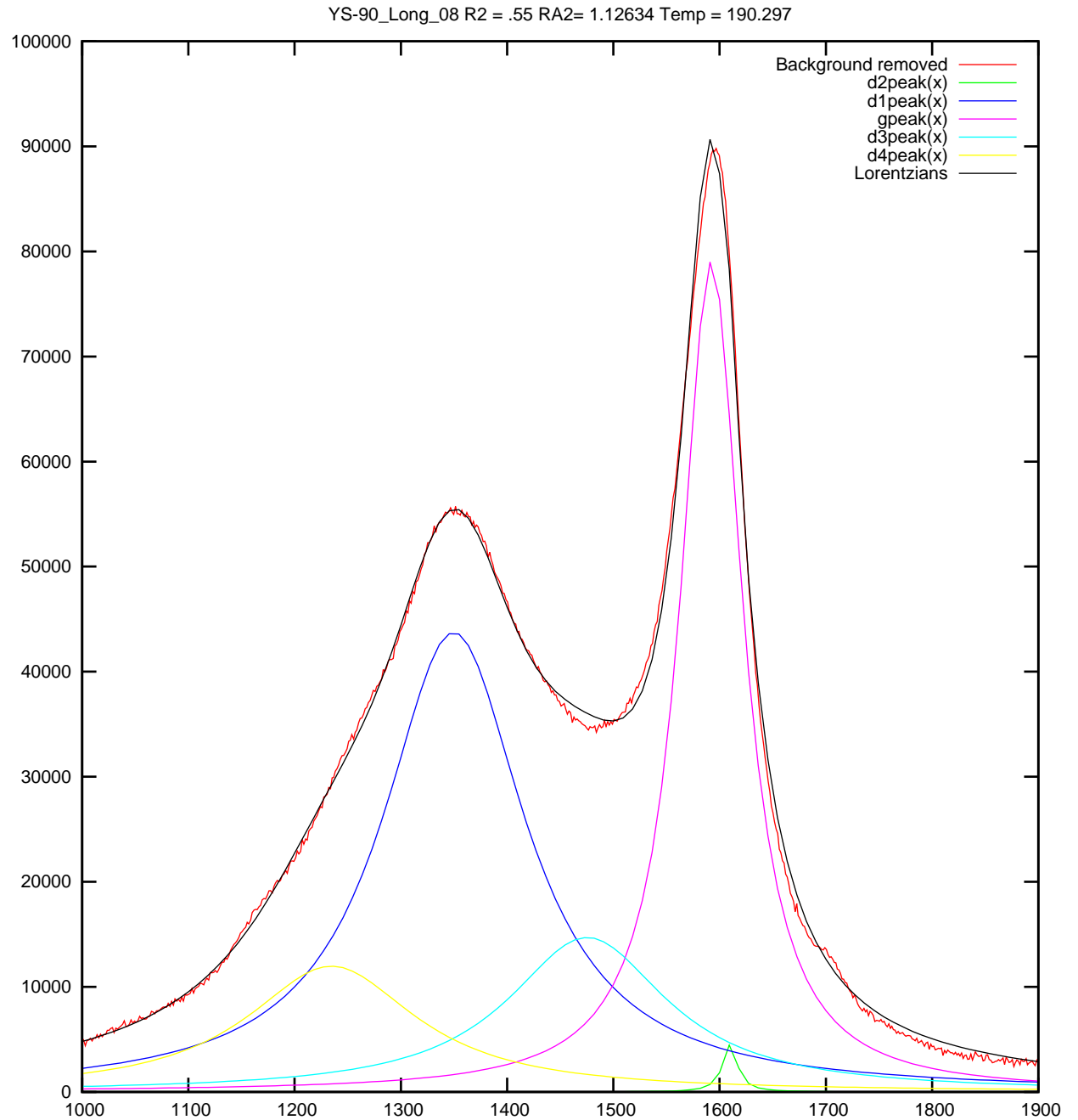
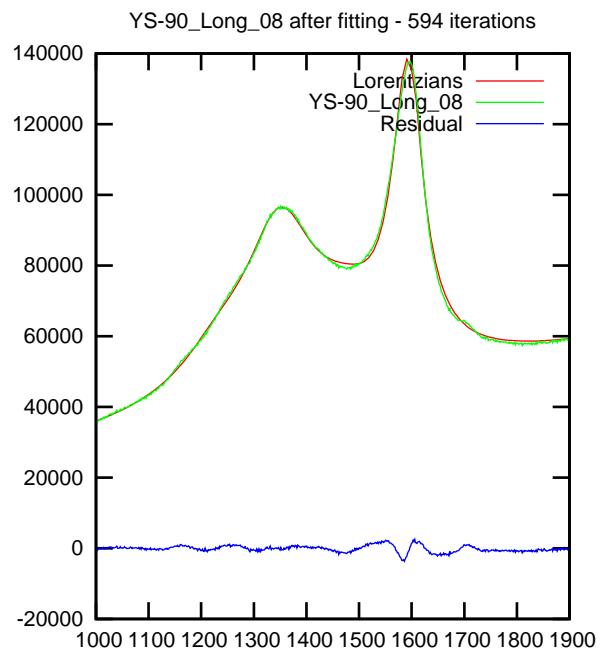
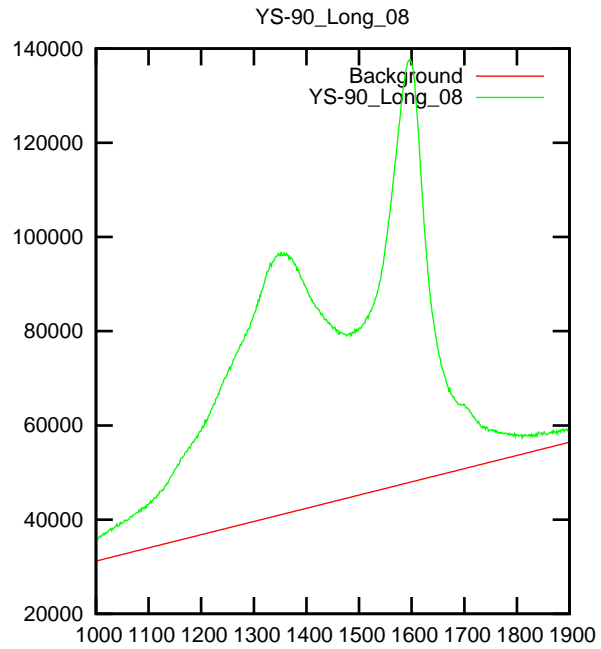


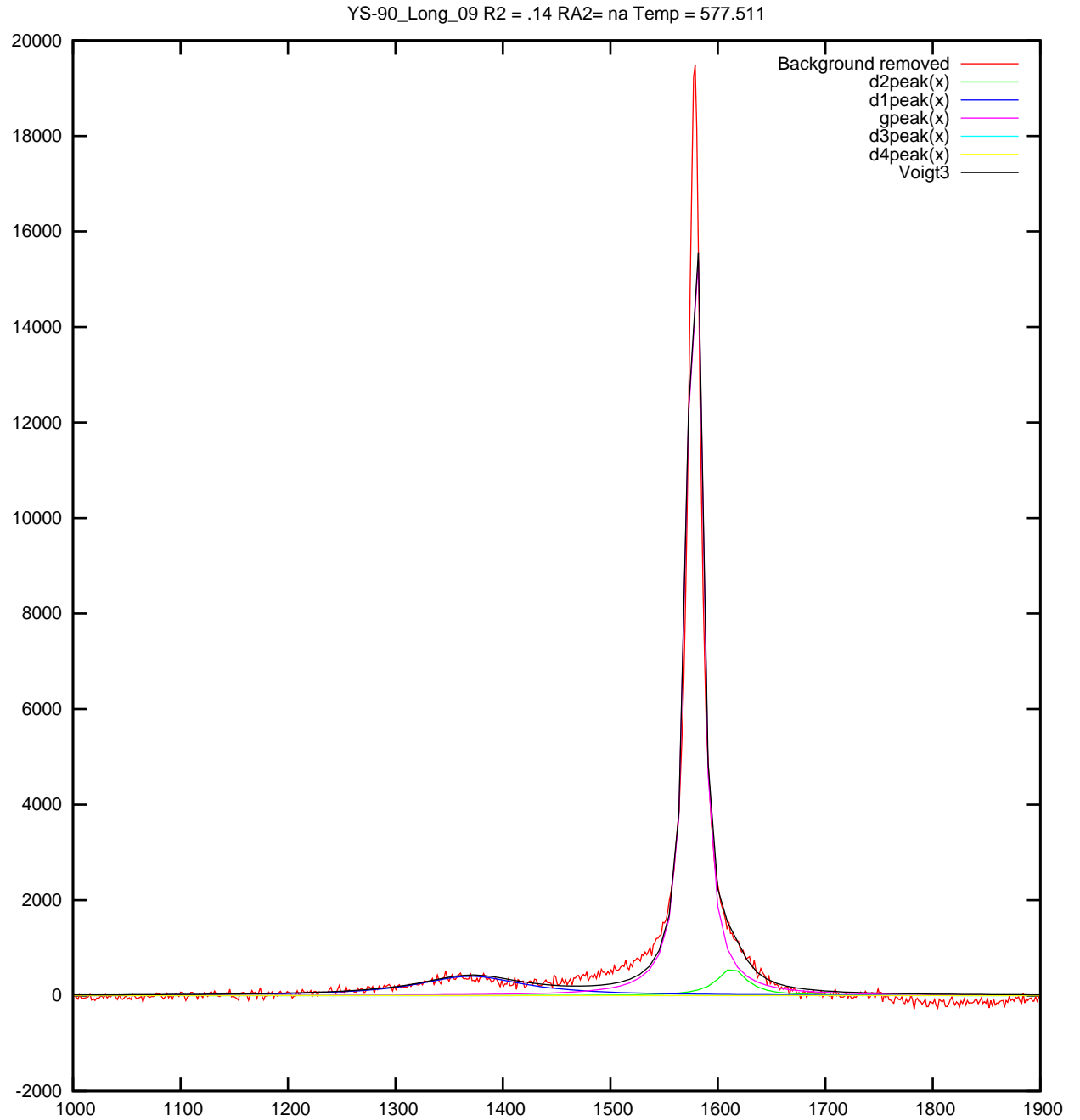
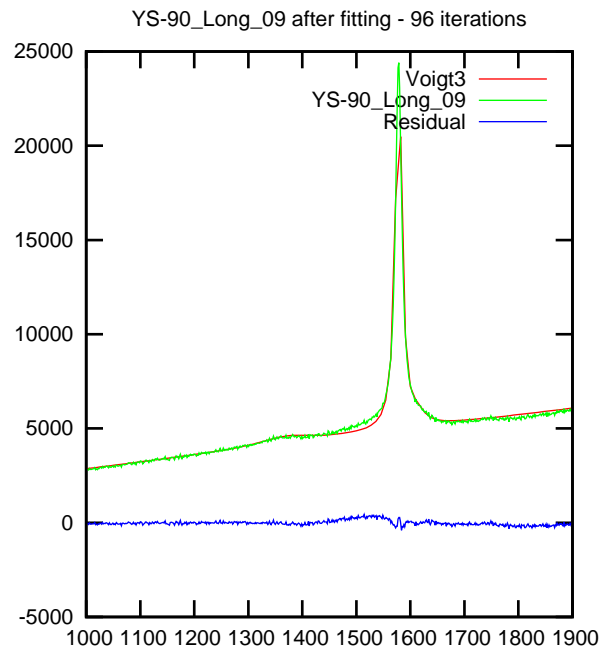
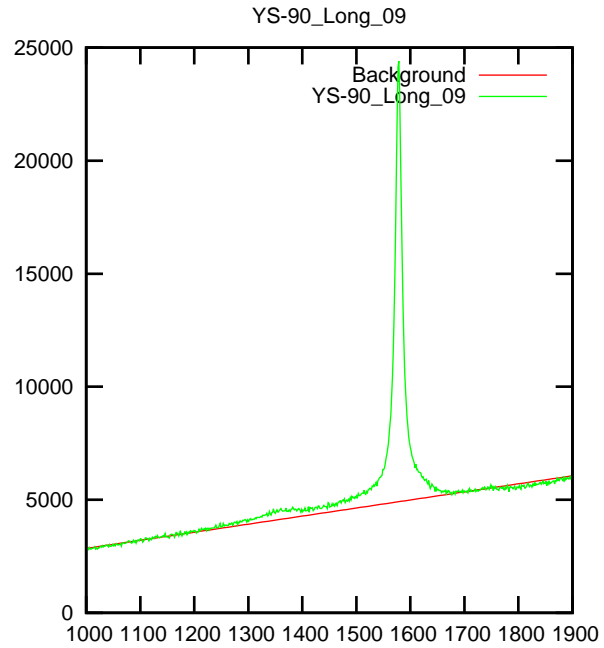


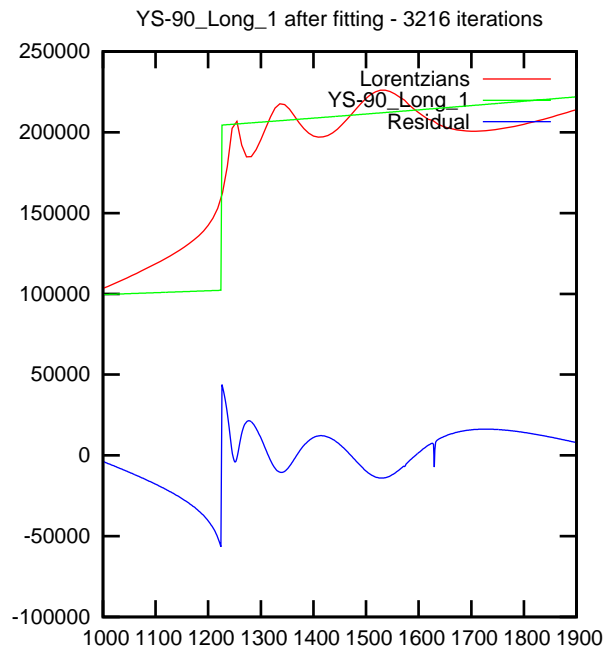
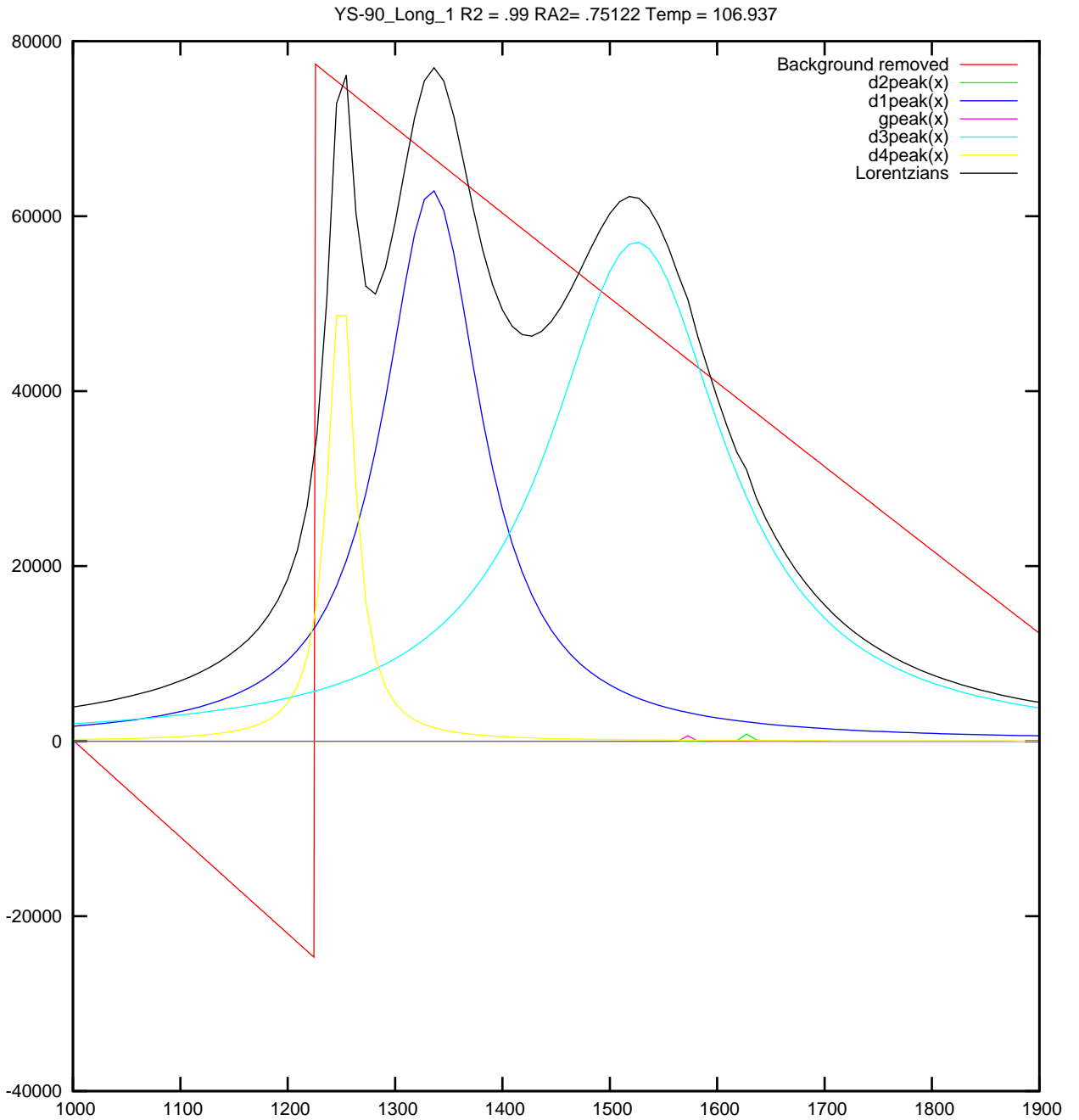
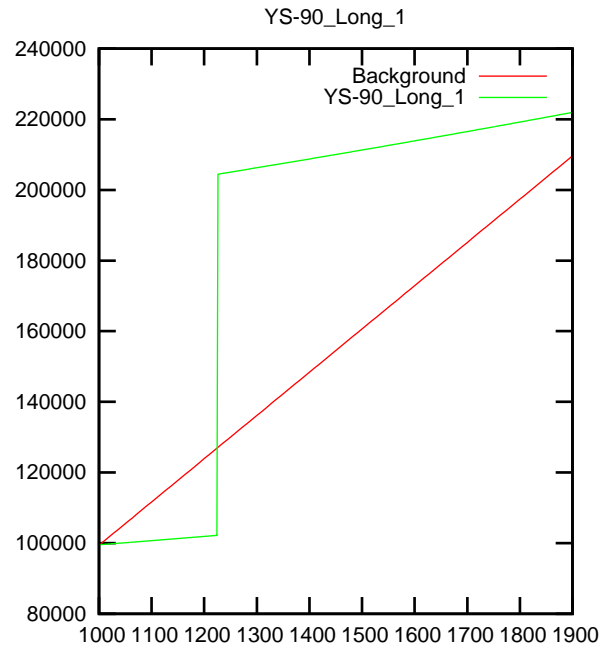




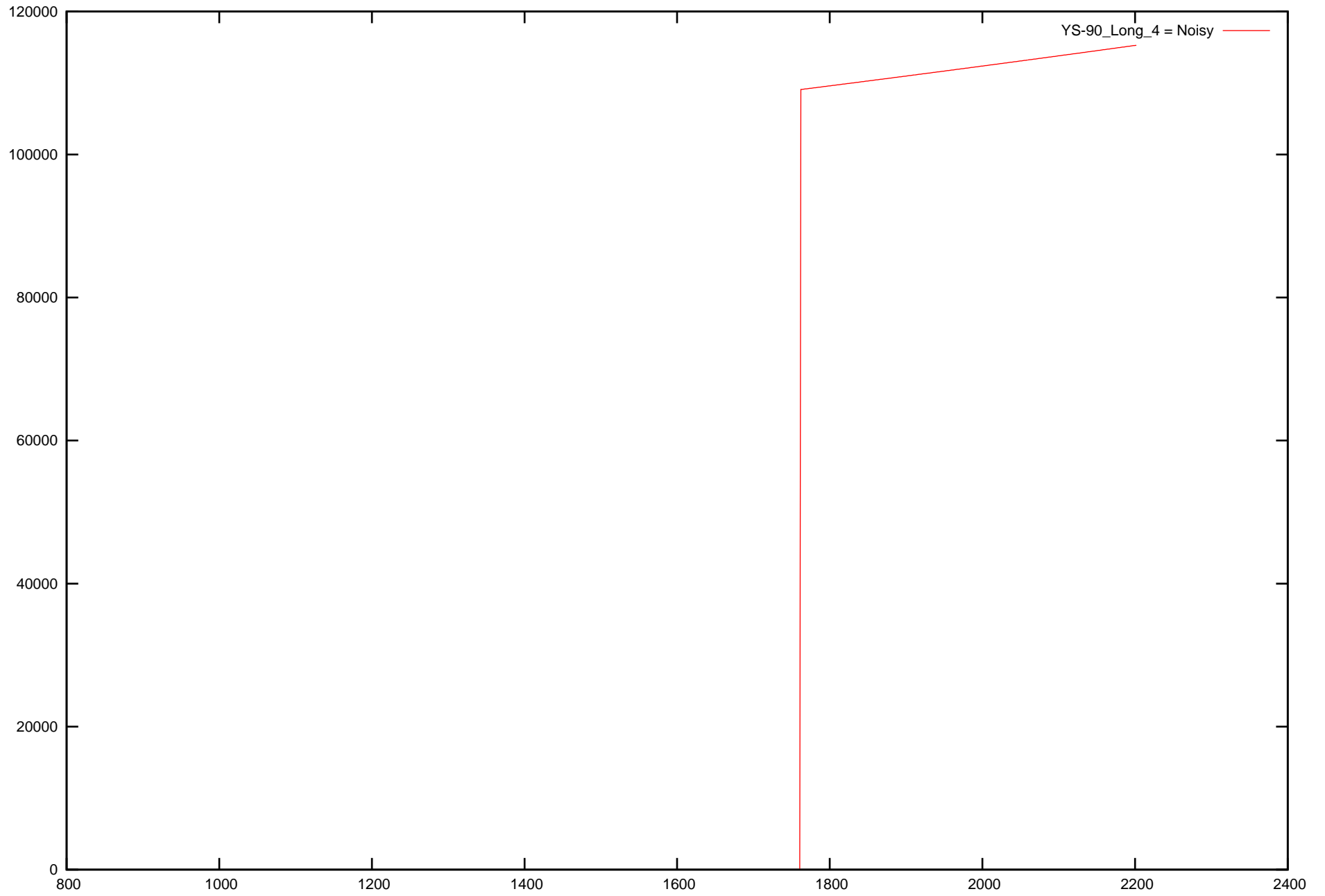


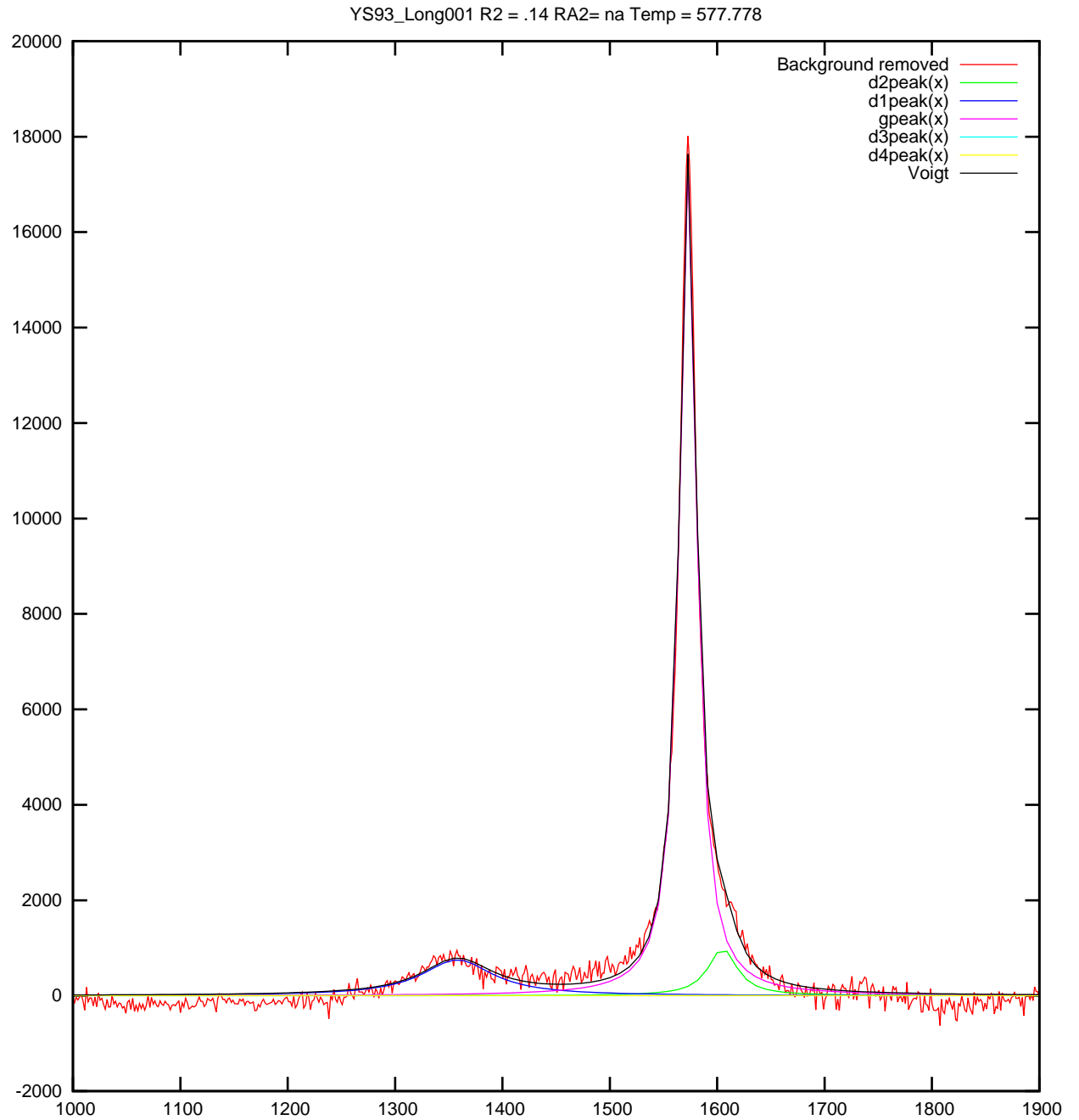
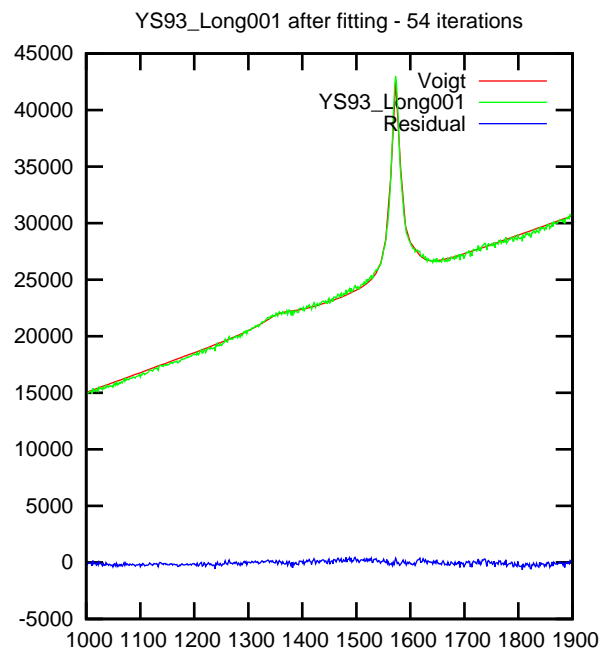
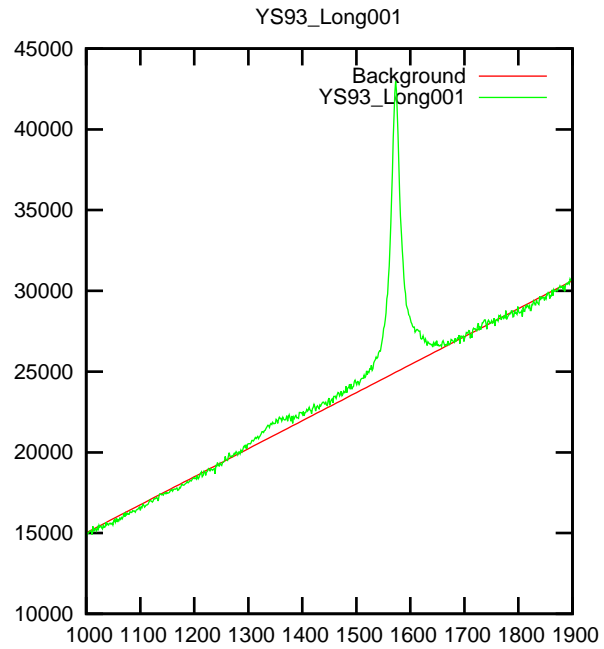


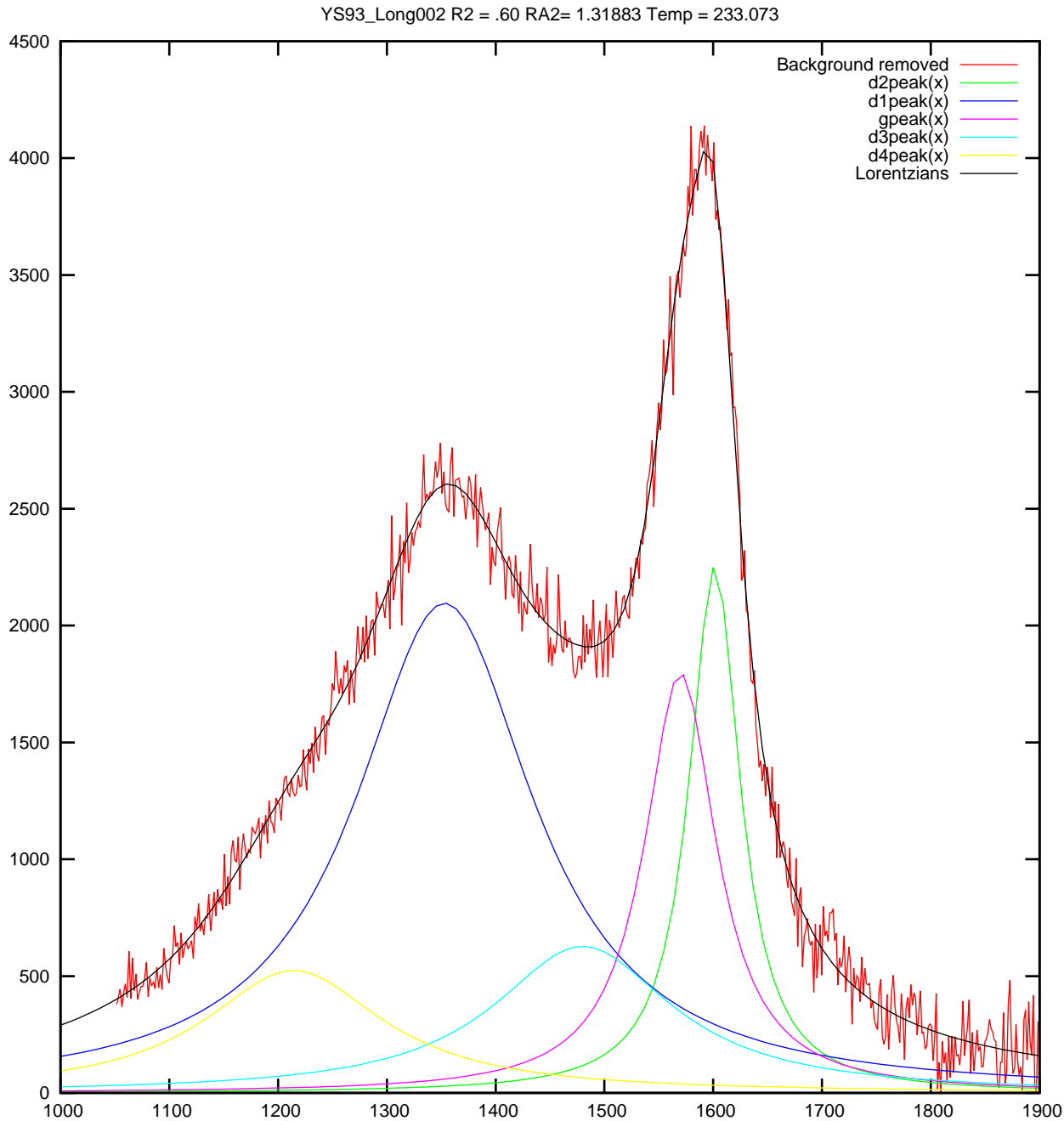
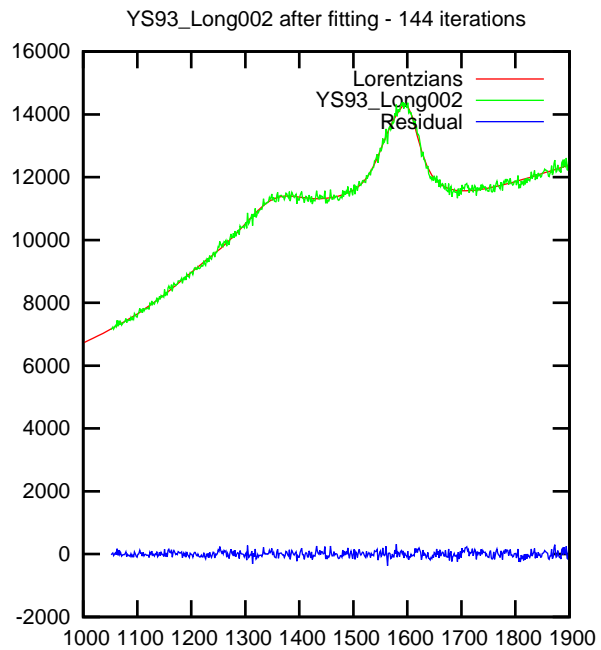
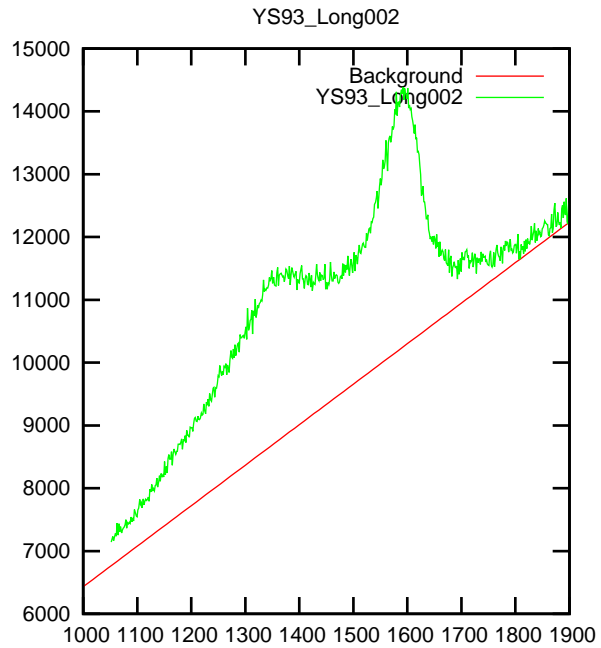


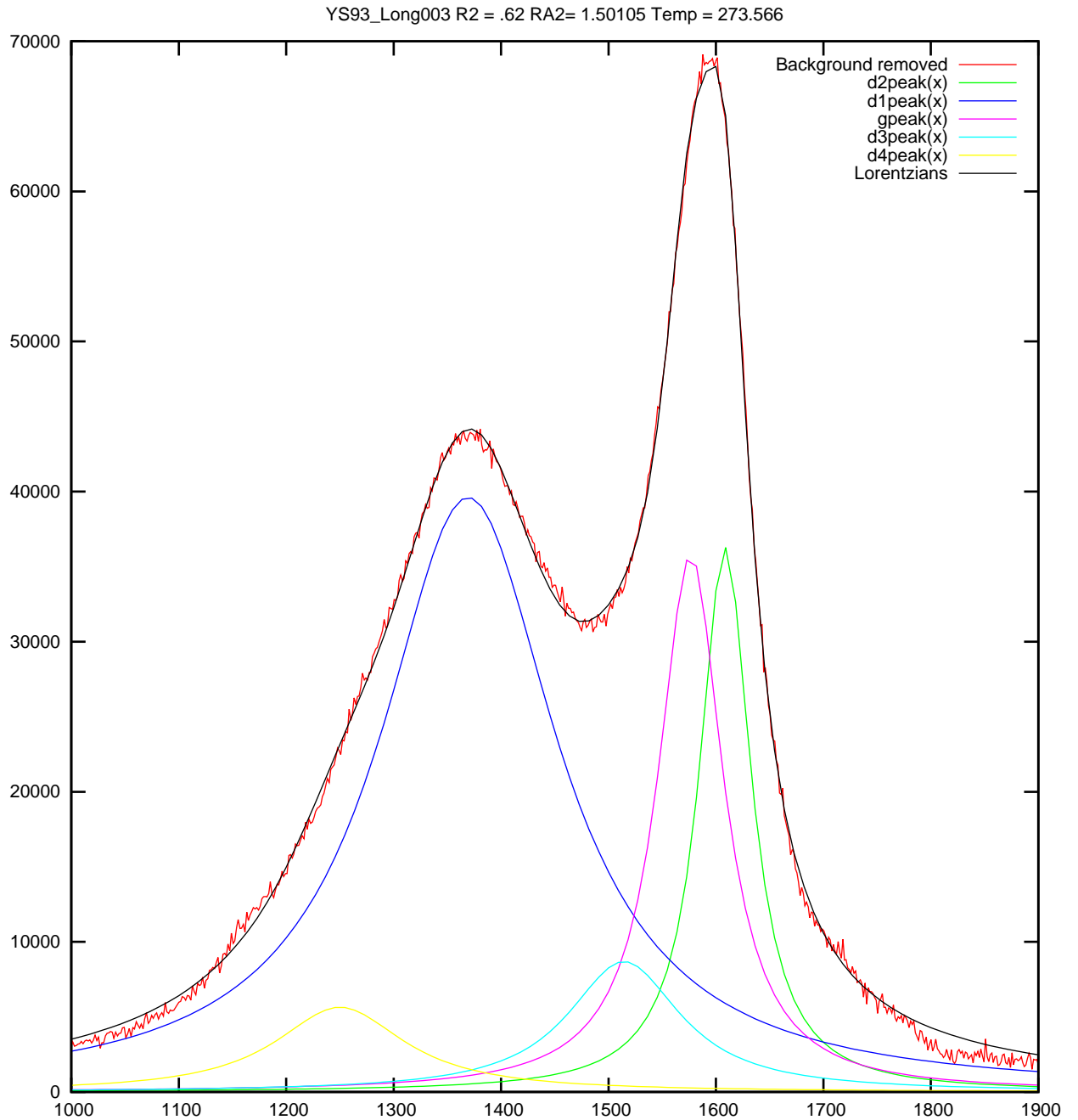
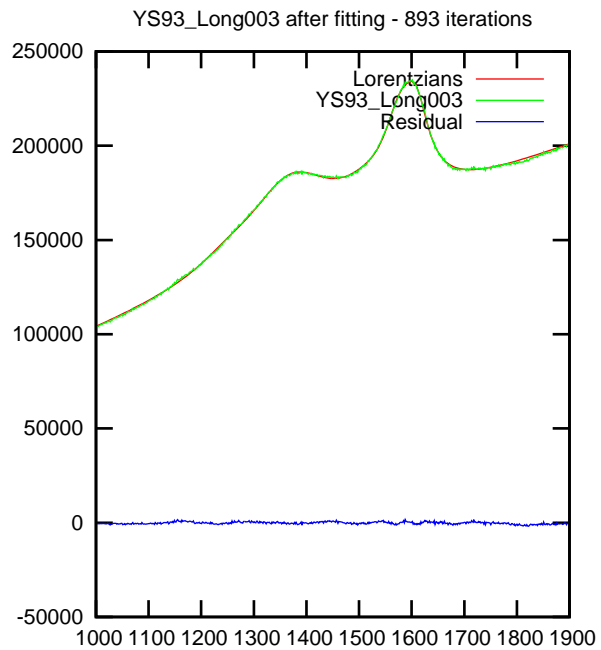
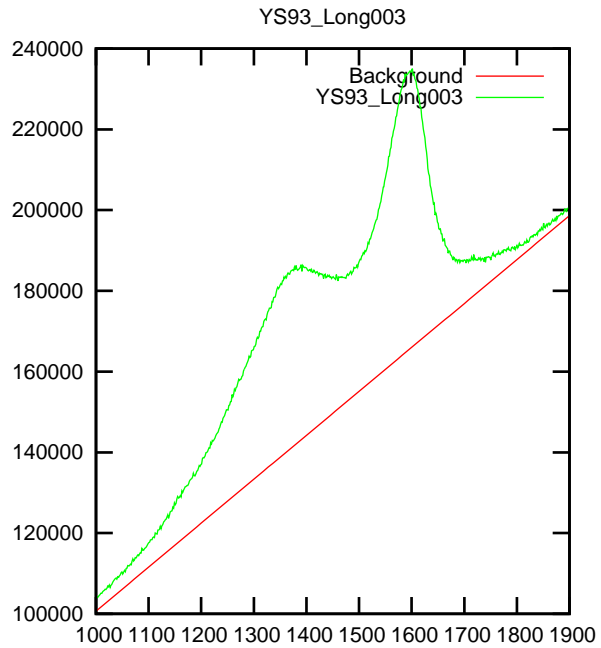


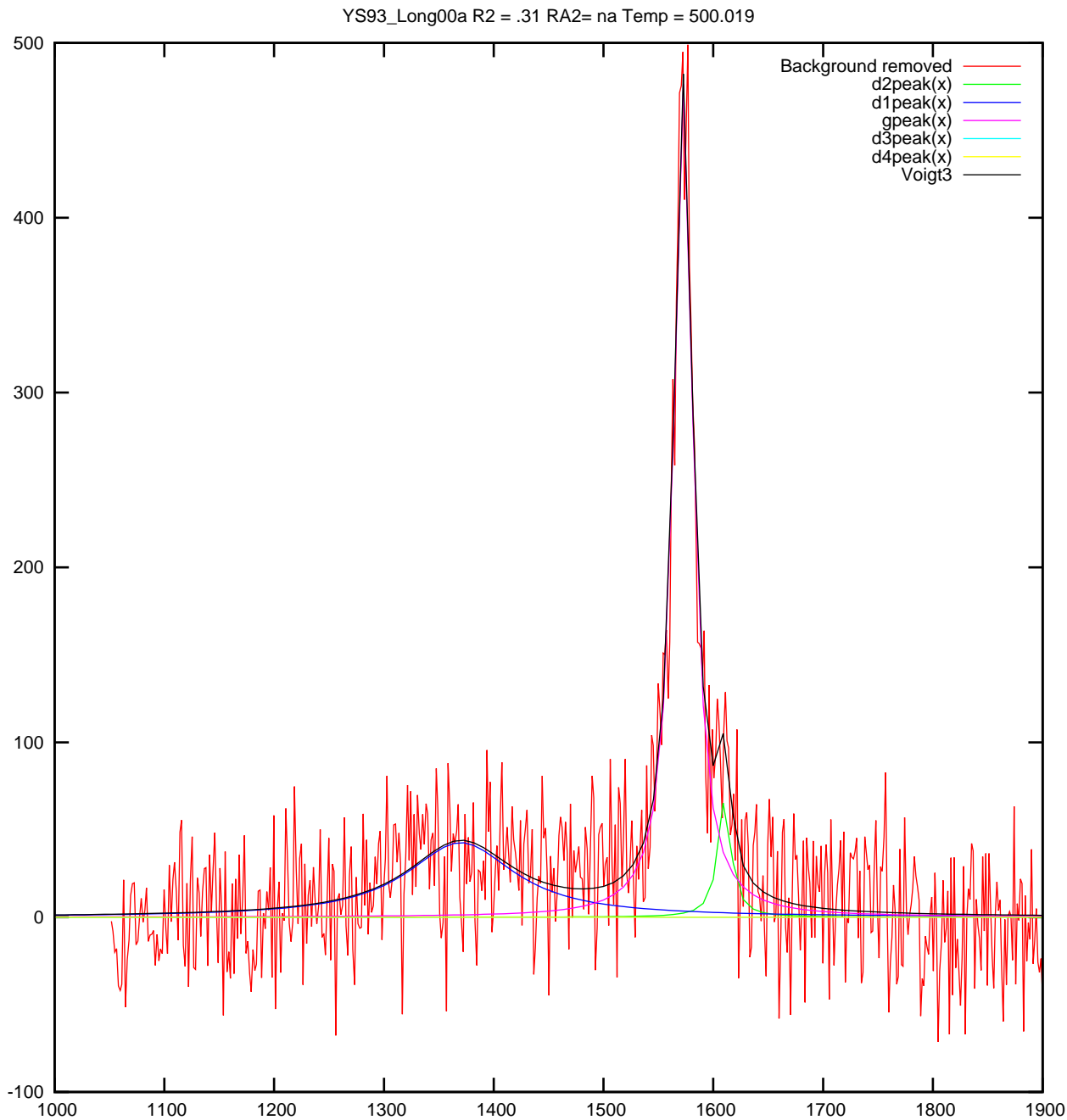
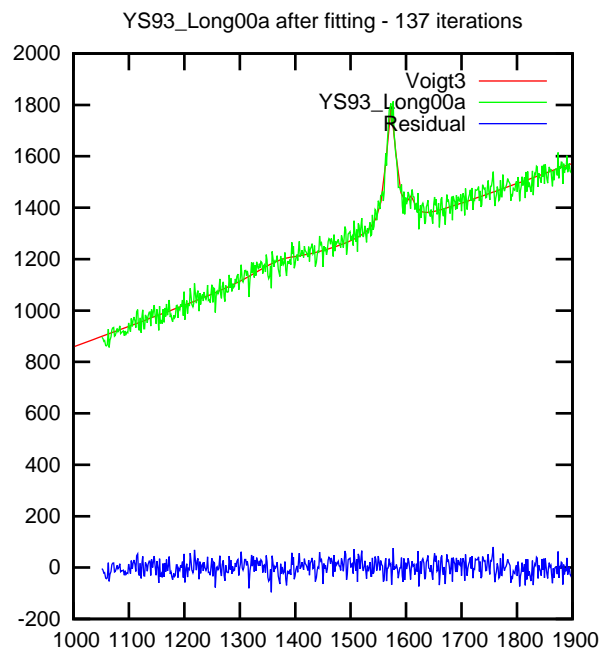
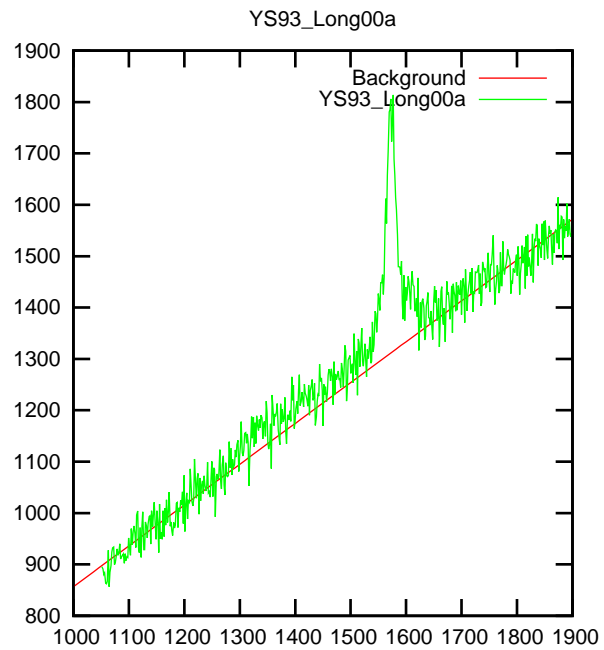
YS-90_Long_4 = Noisy

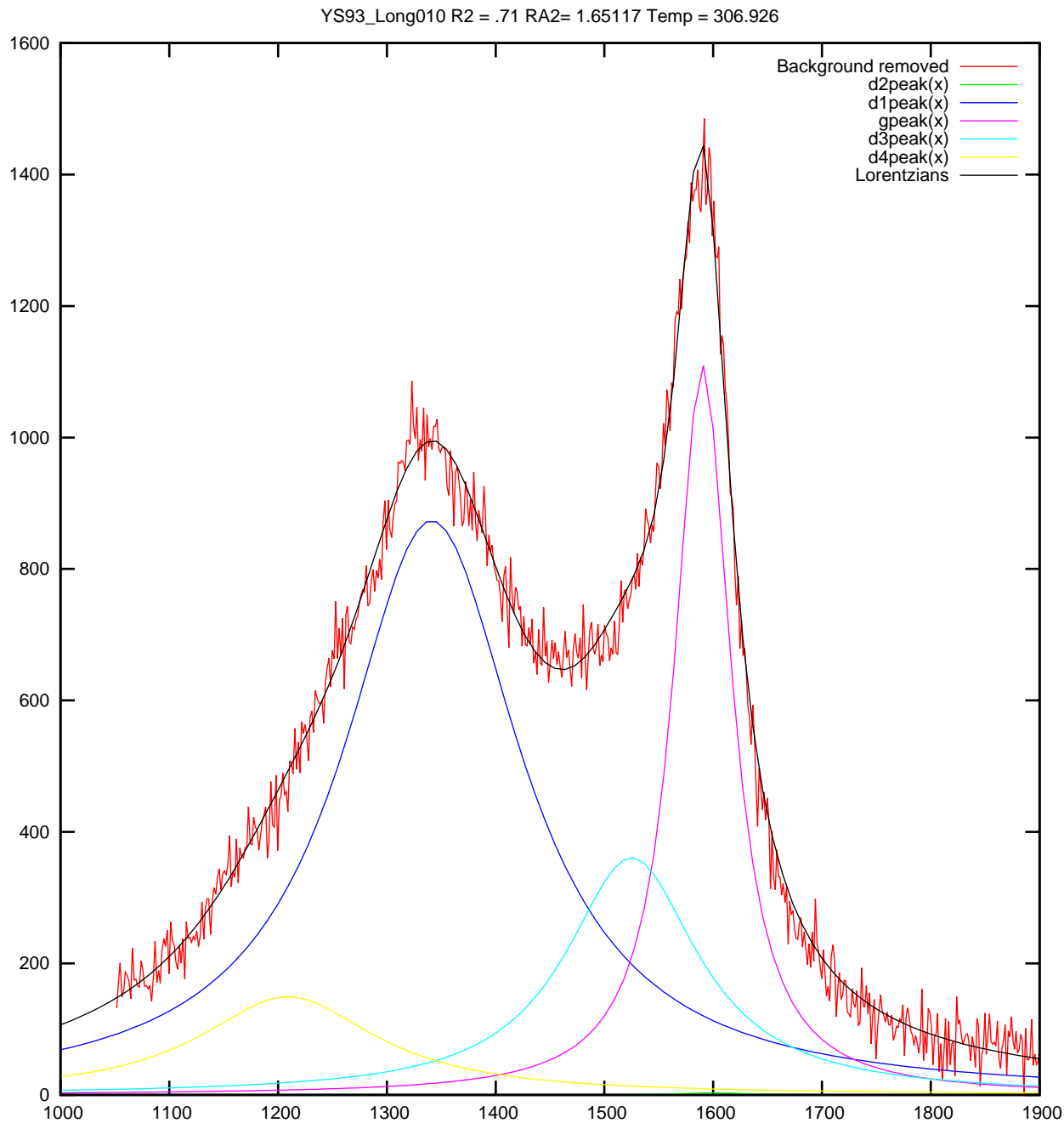
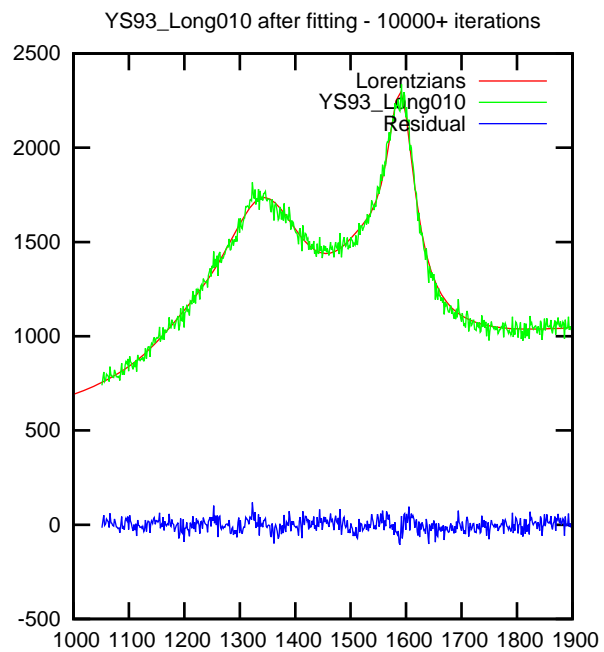
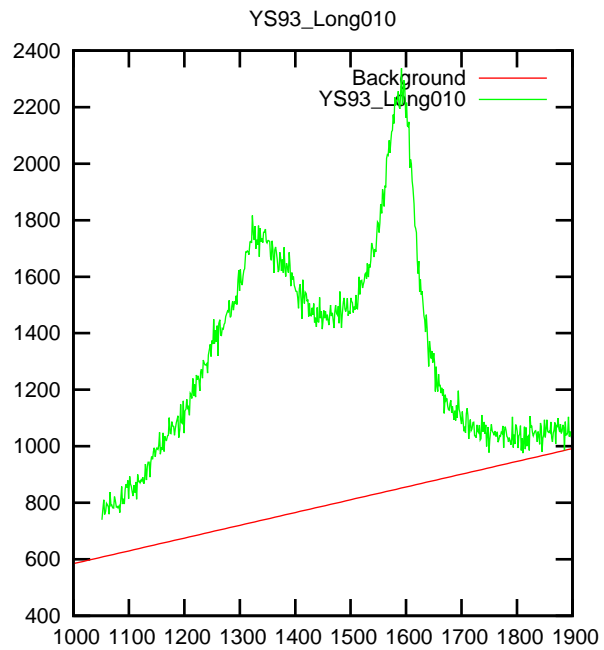


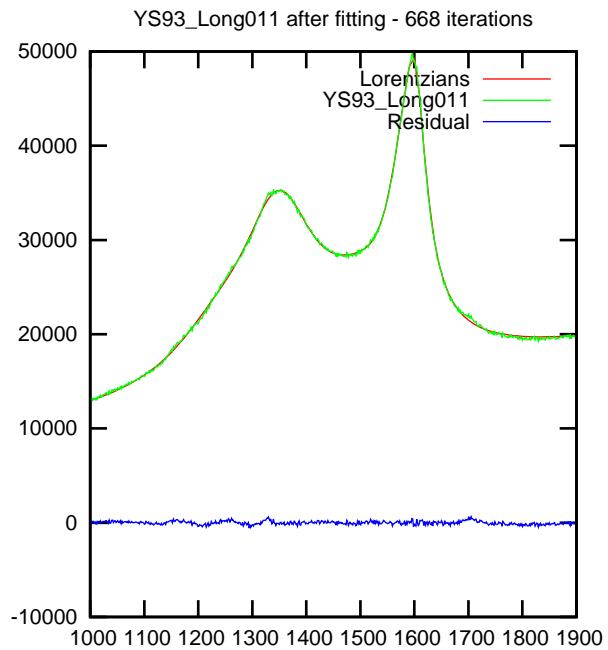
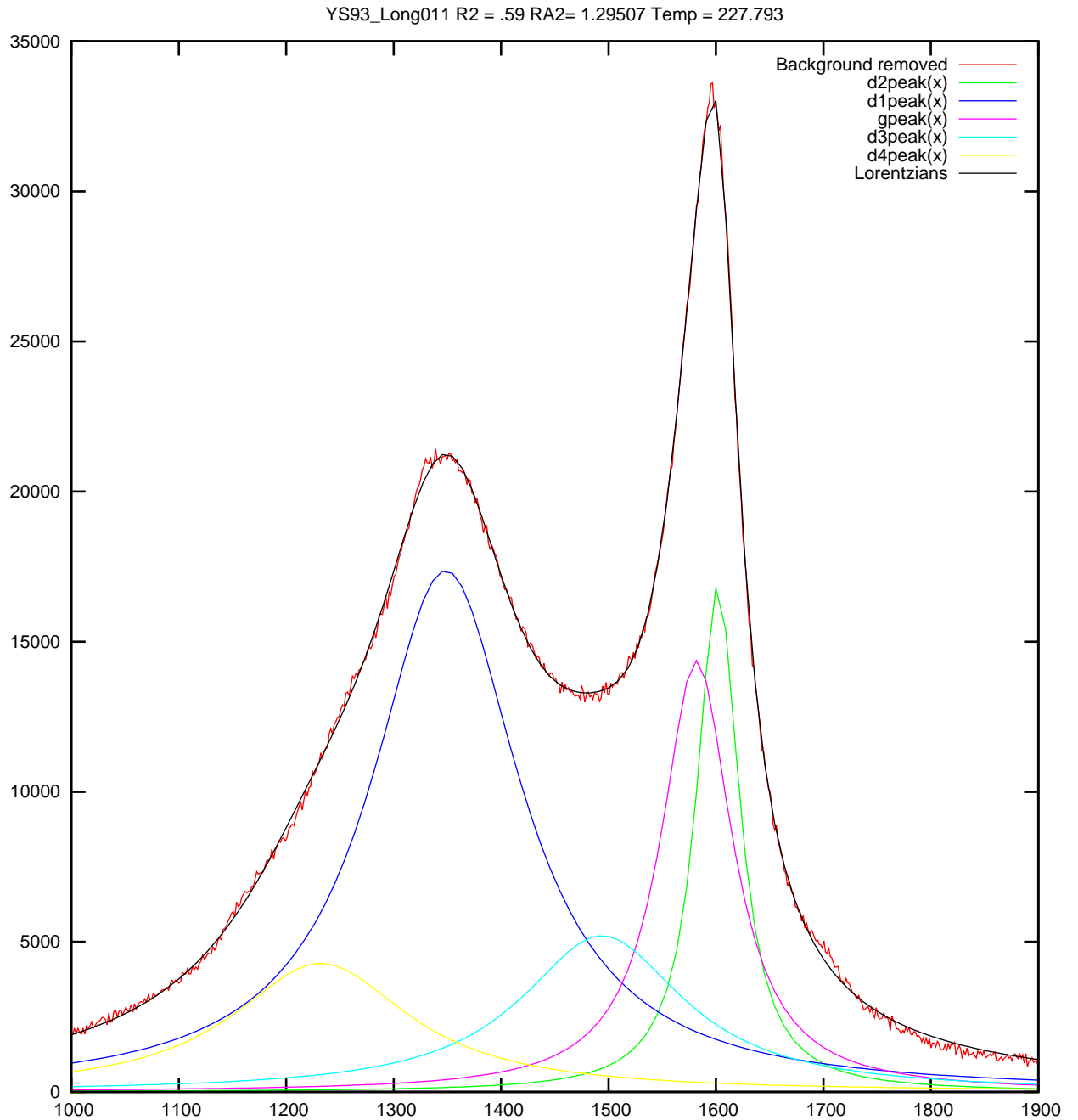
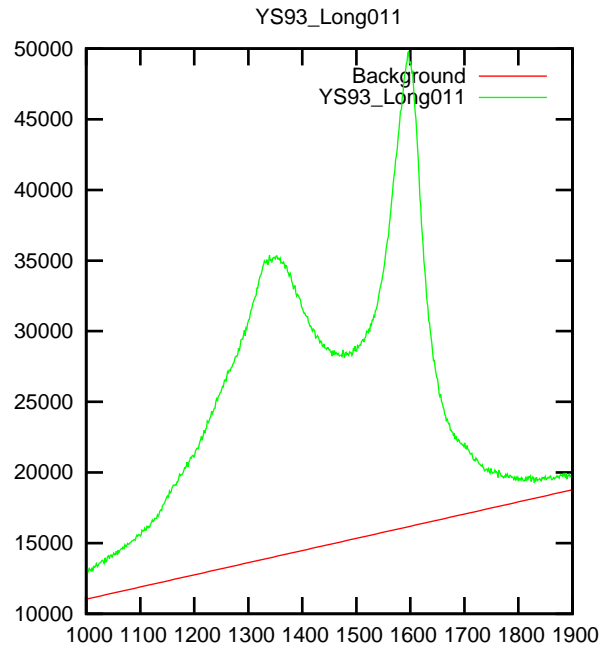




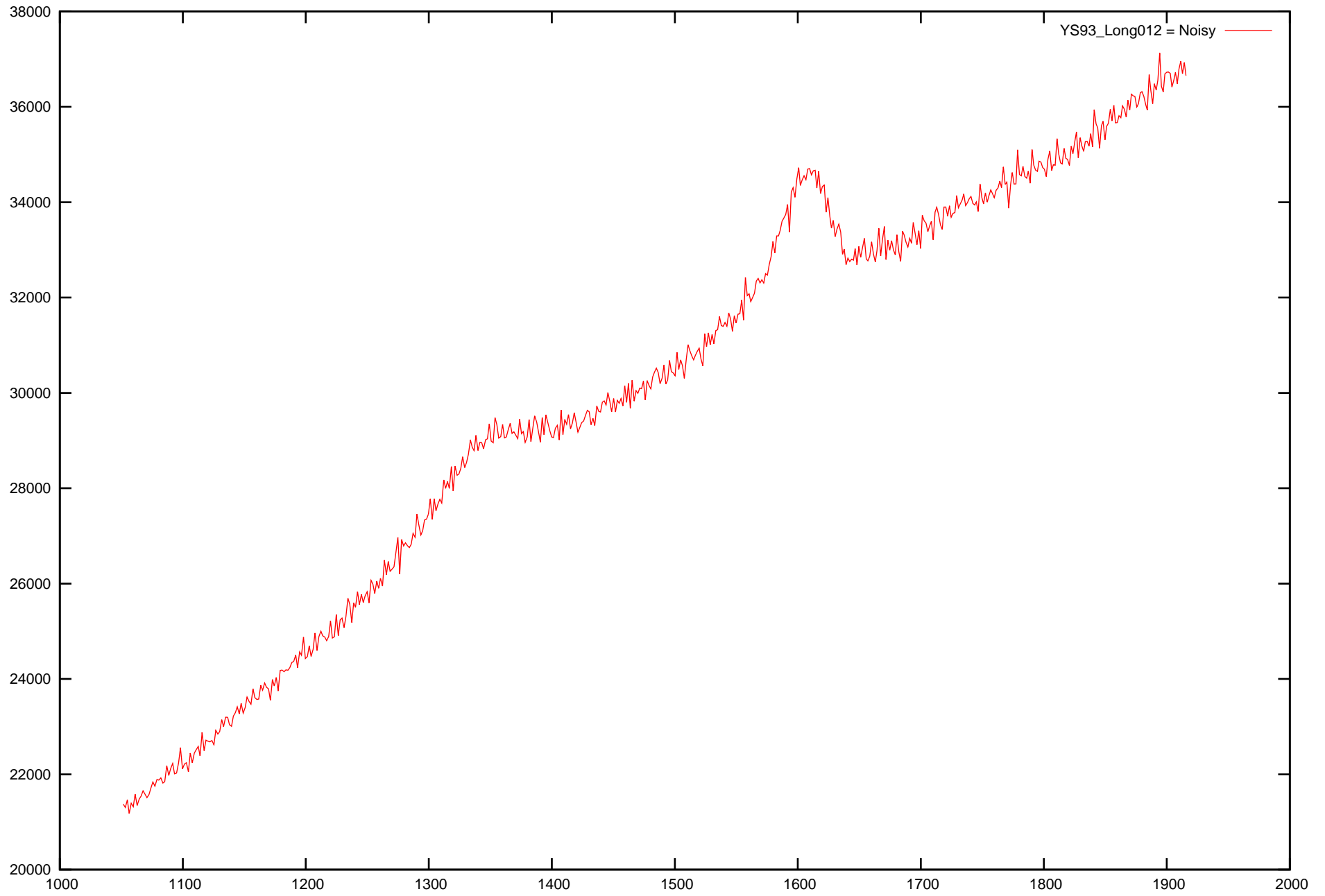




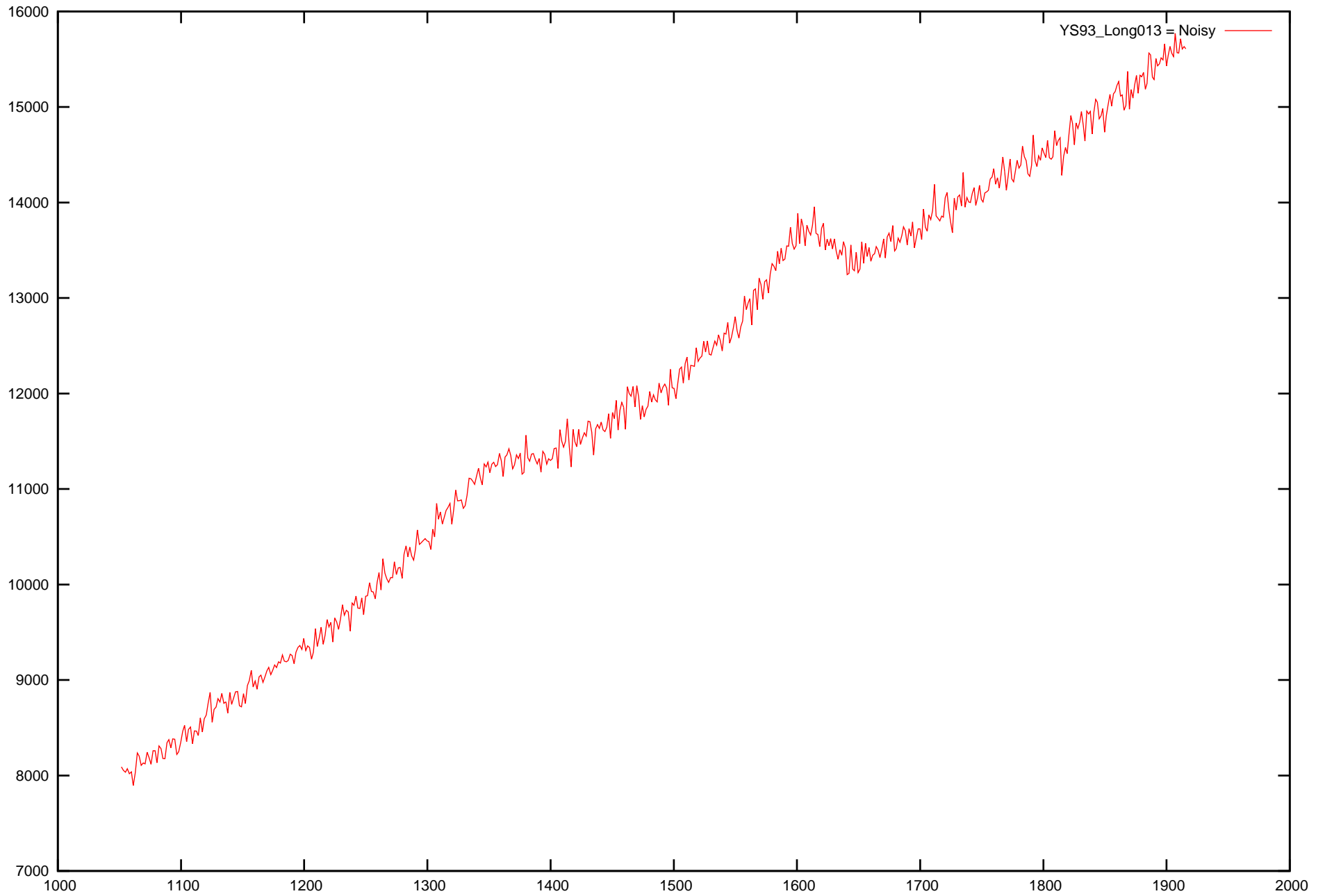


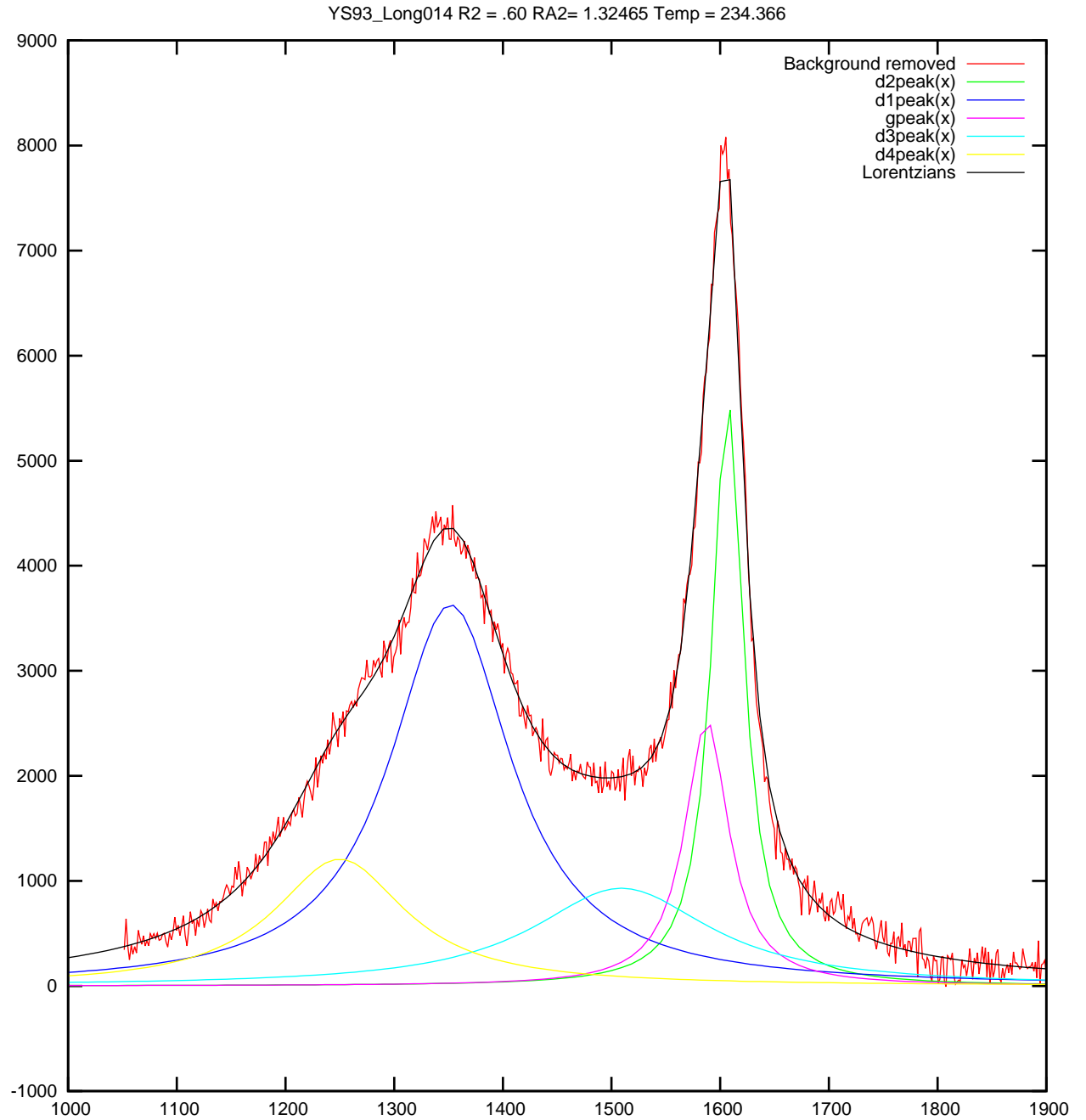
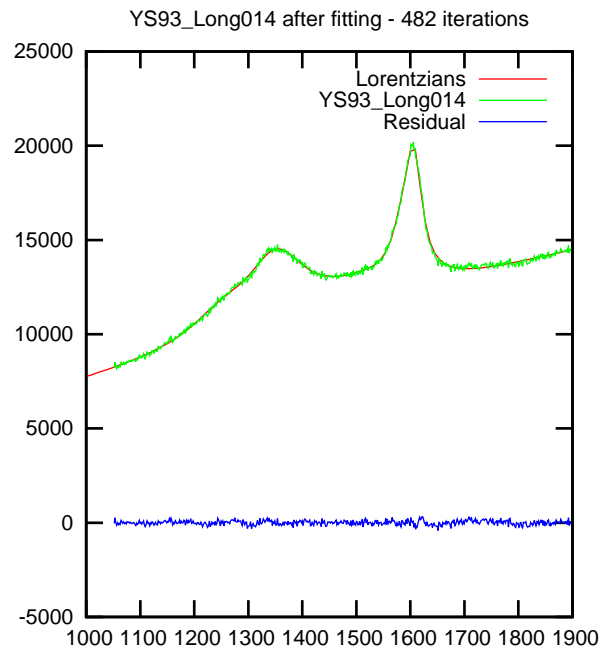
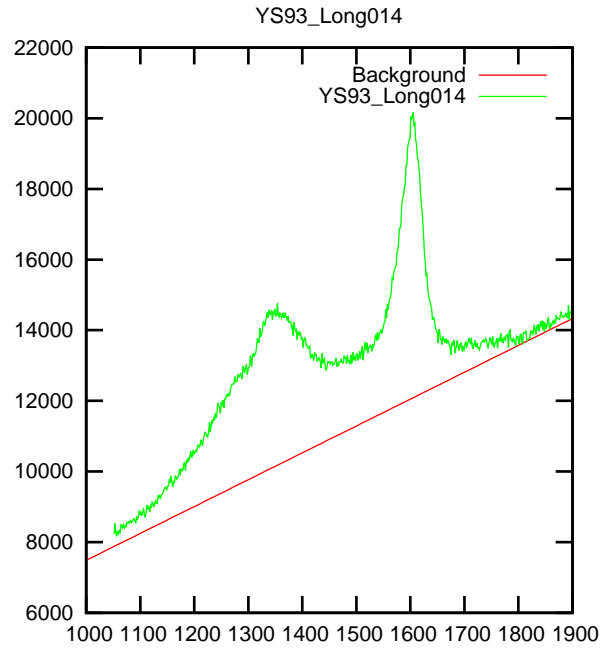


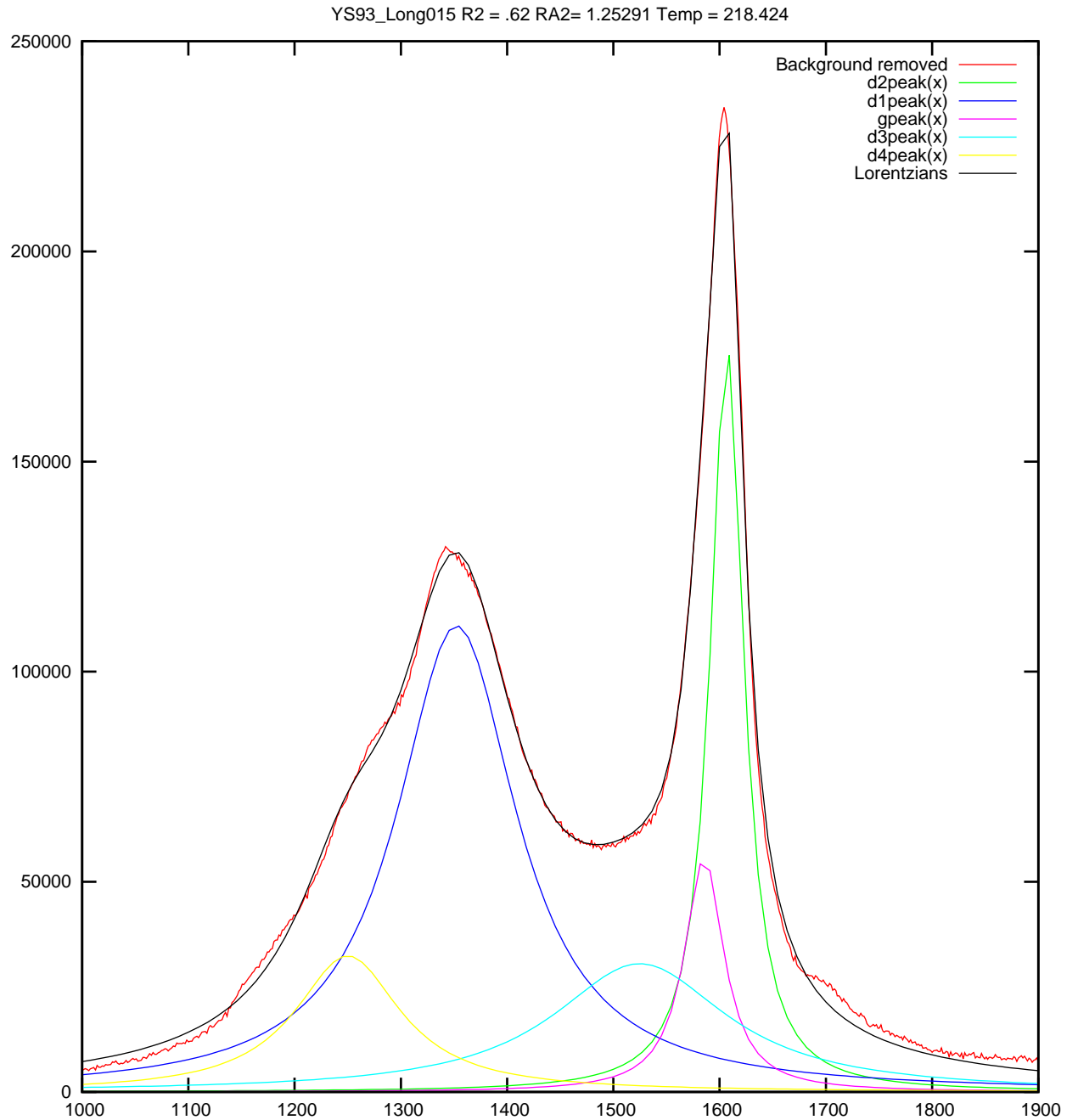
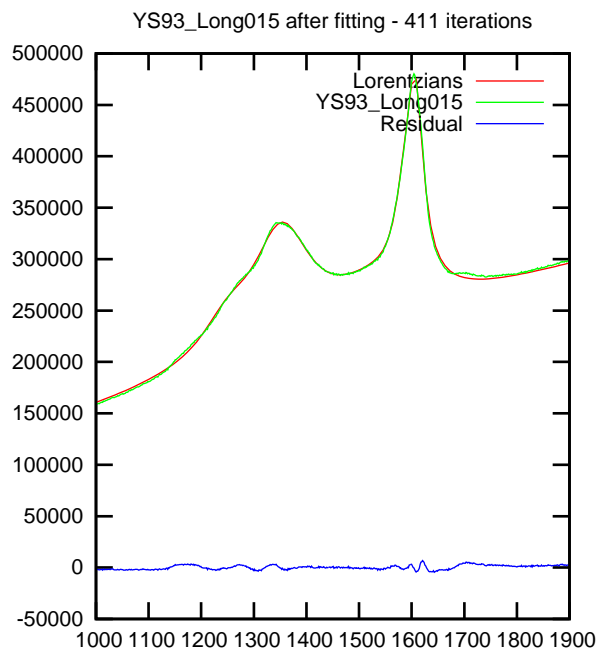
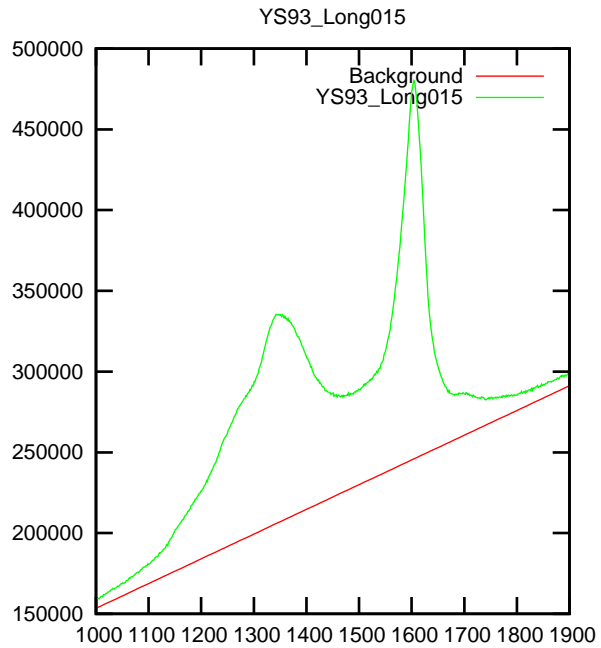
YS93_Long012 = Noisy



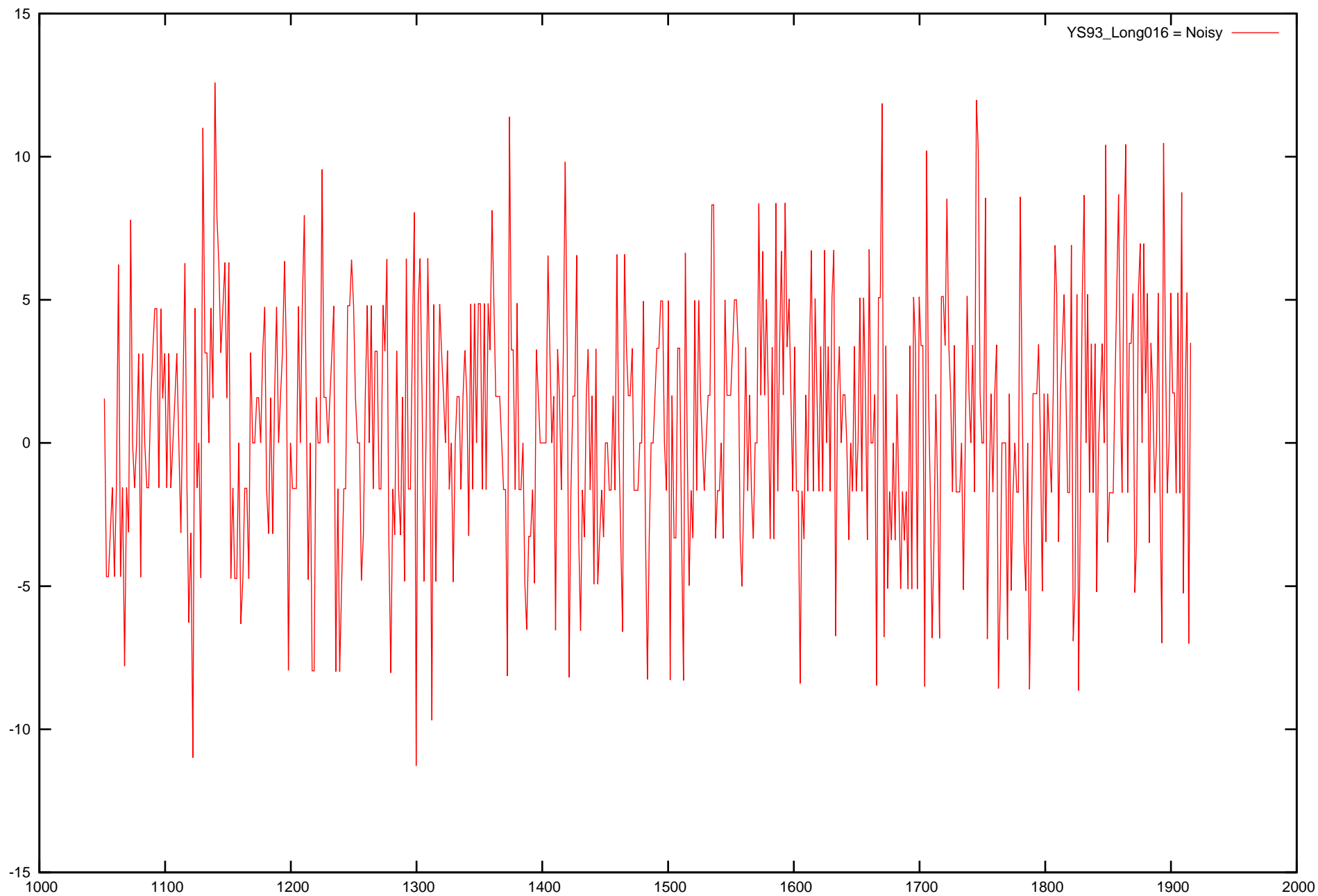
YS93_Long013 = Noisy



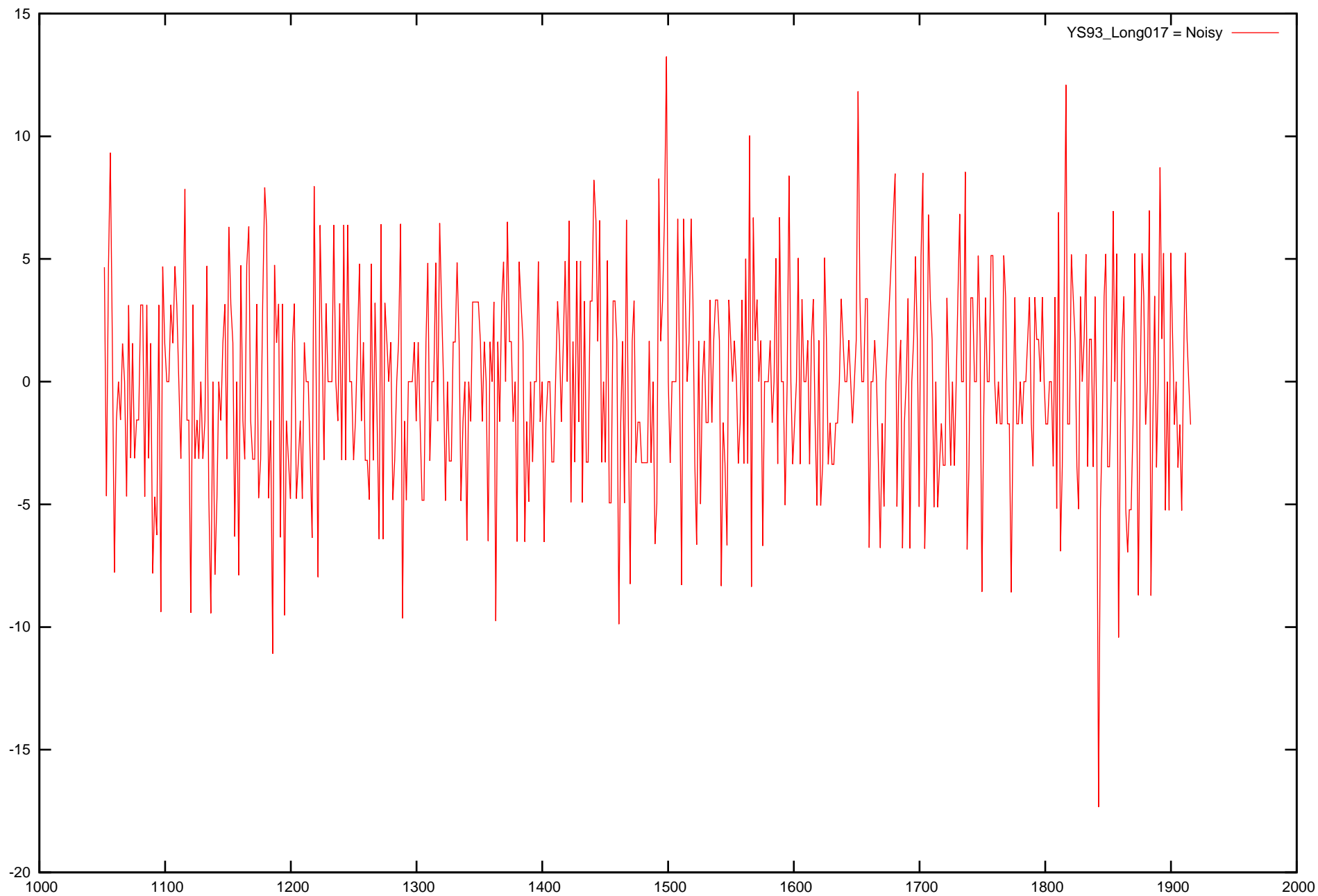


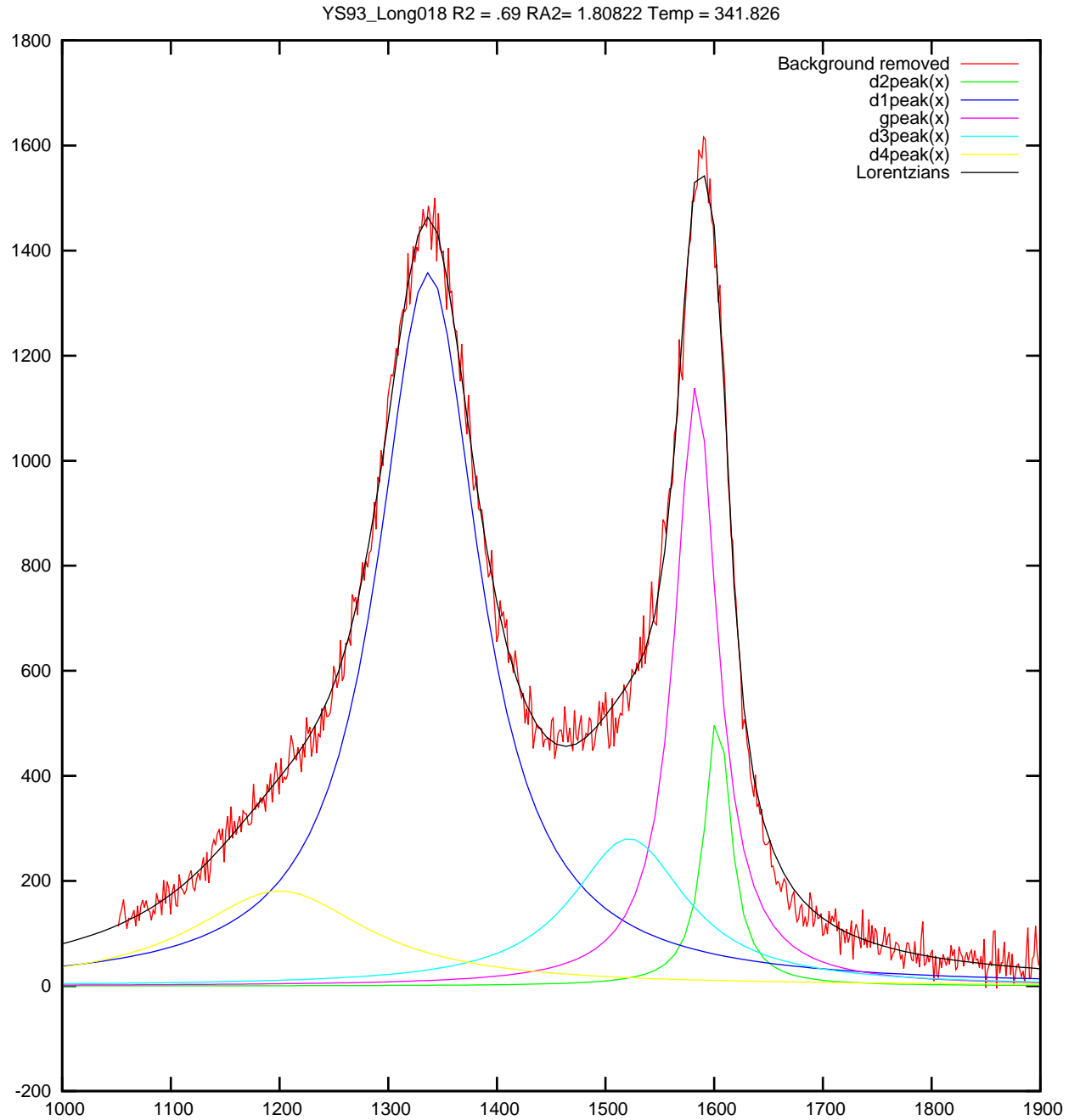
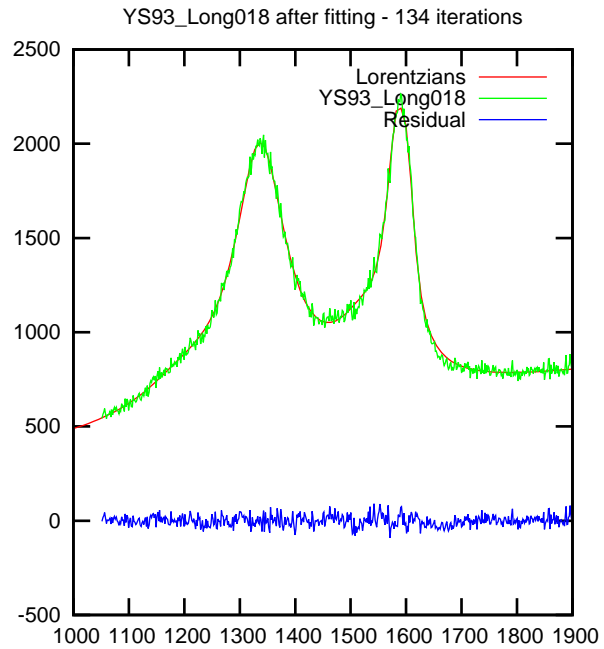
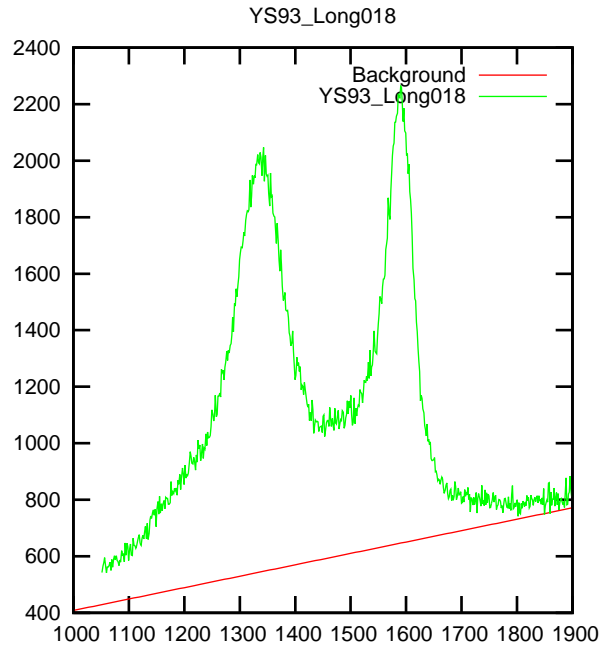


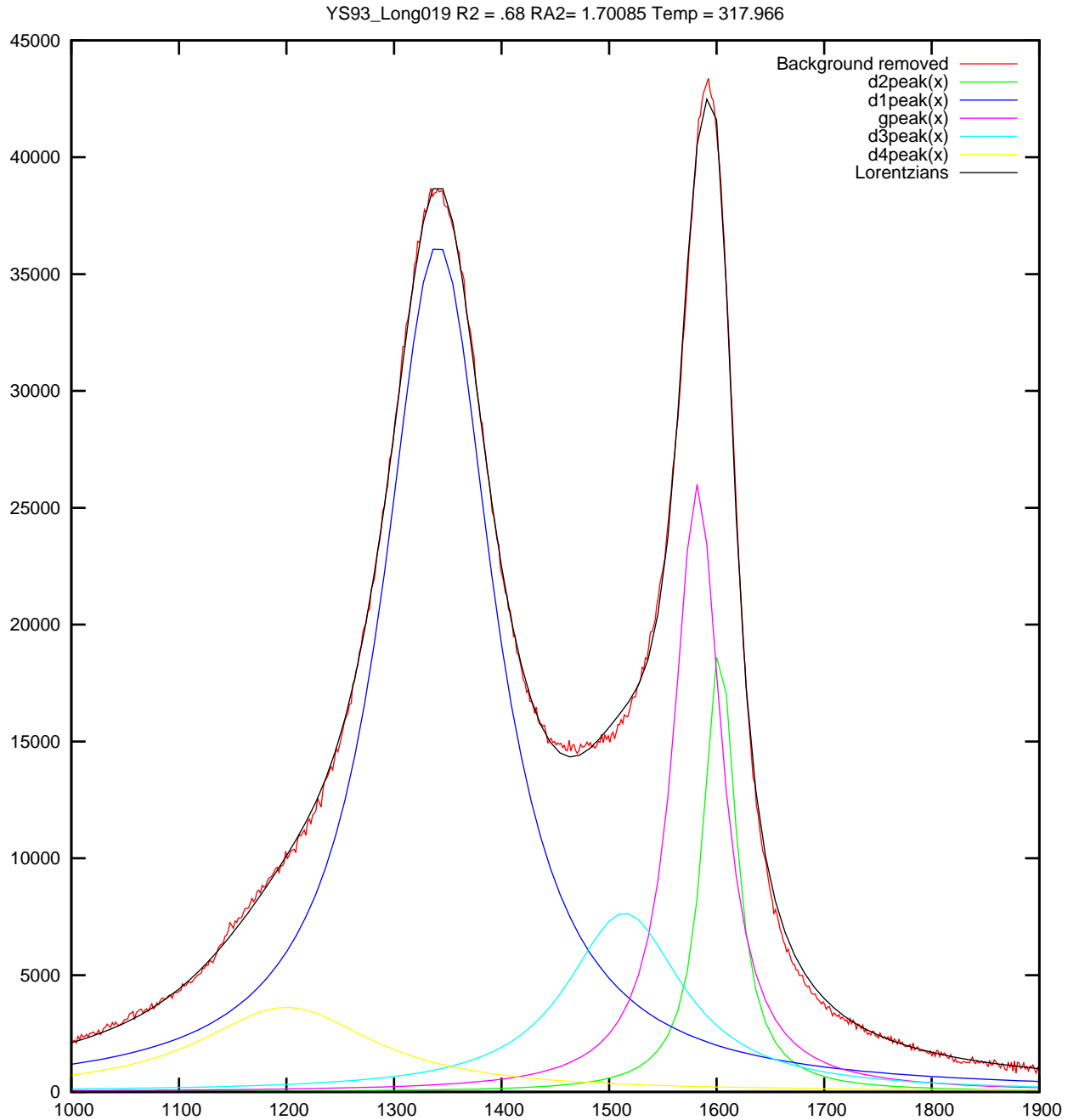
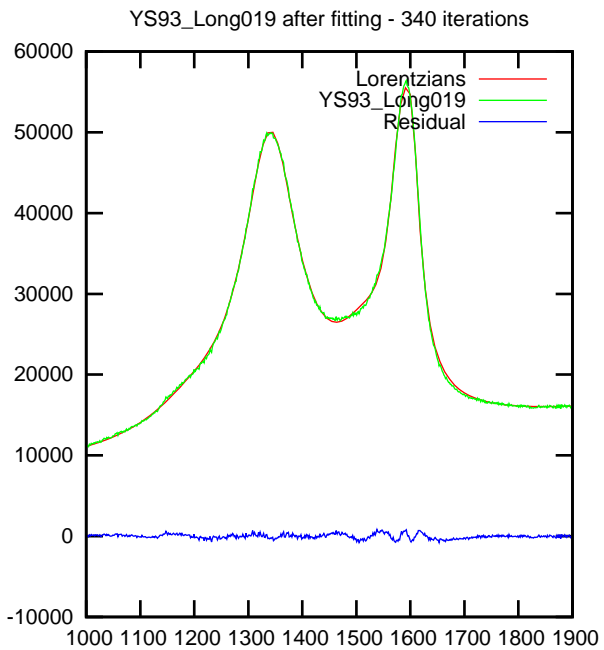
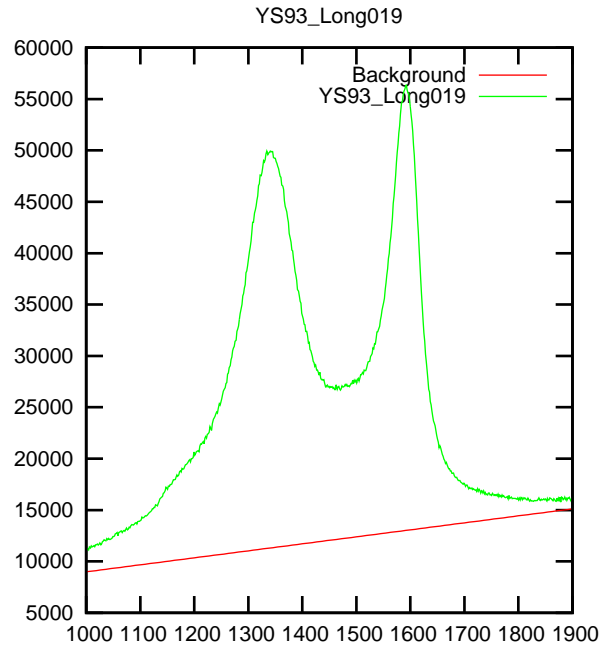
YS93_Long016 = Noisy

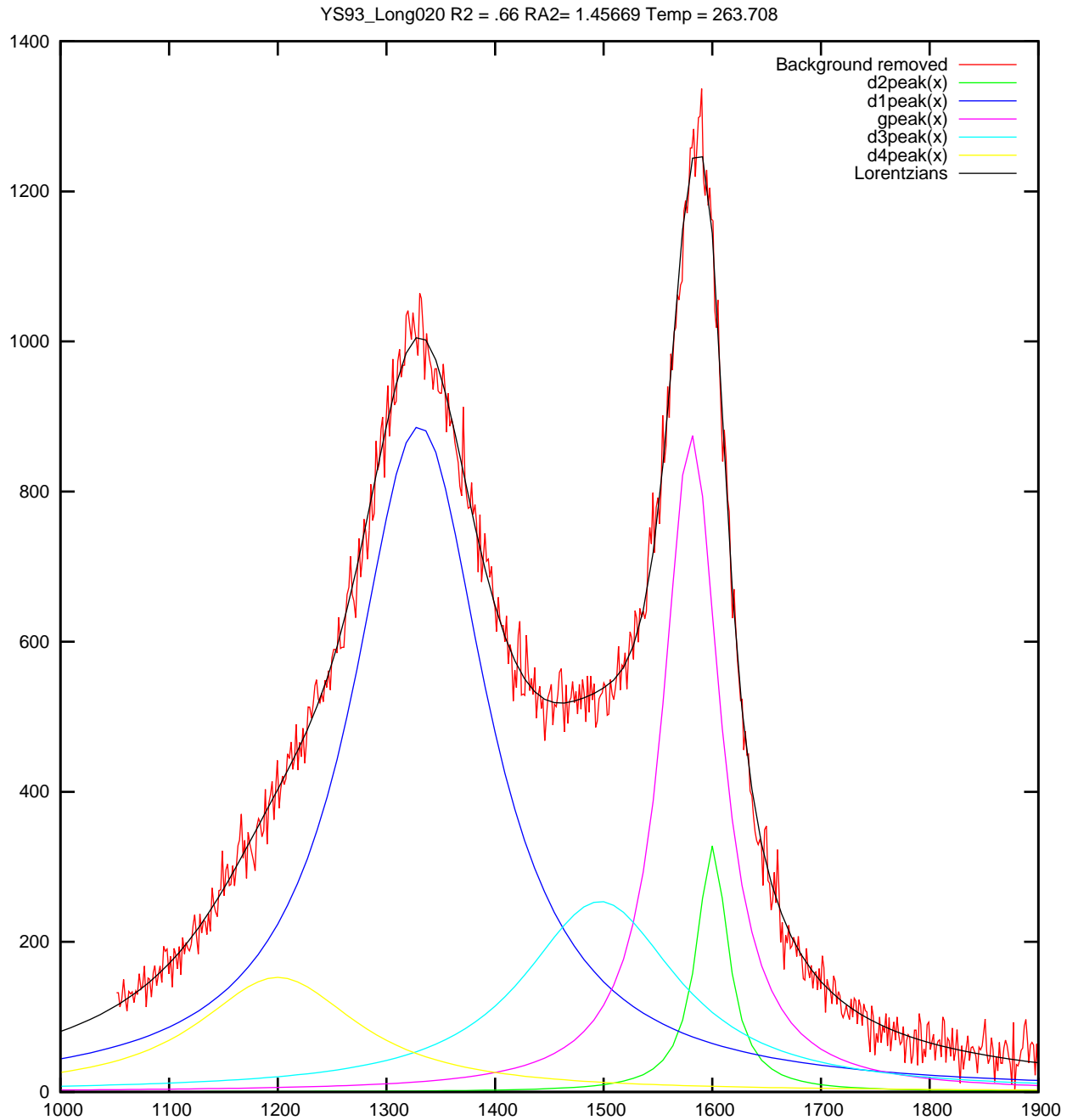
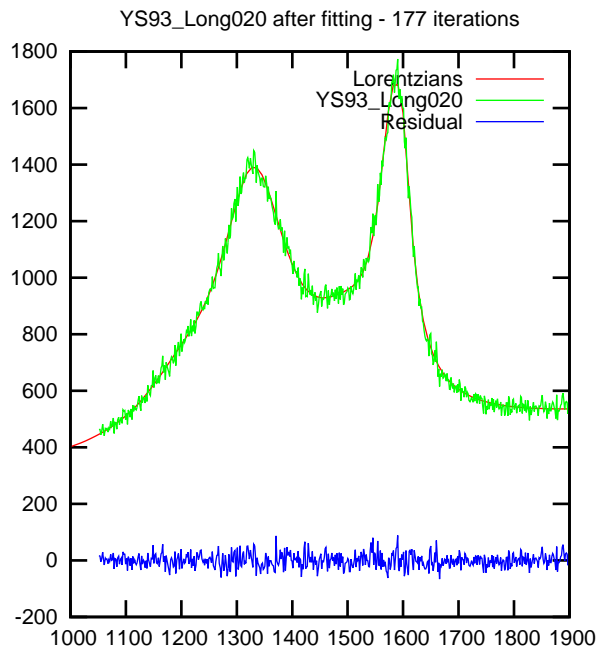
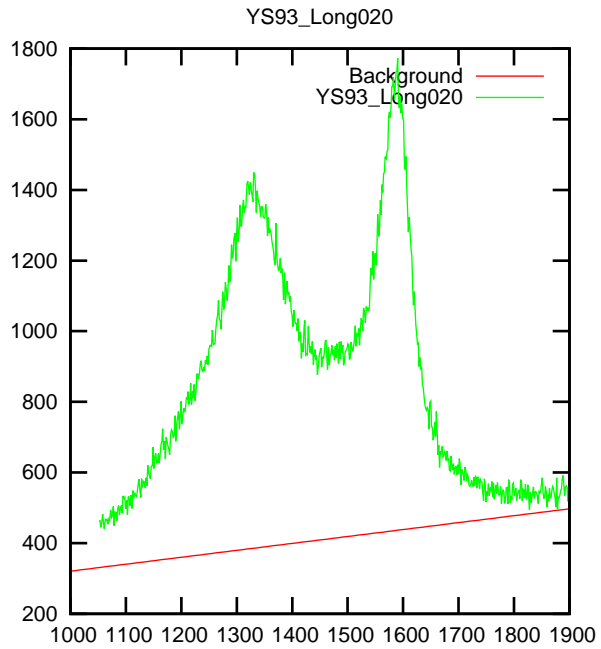


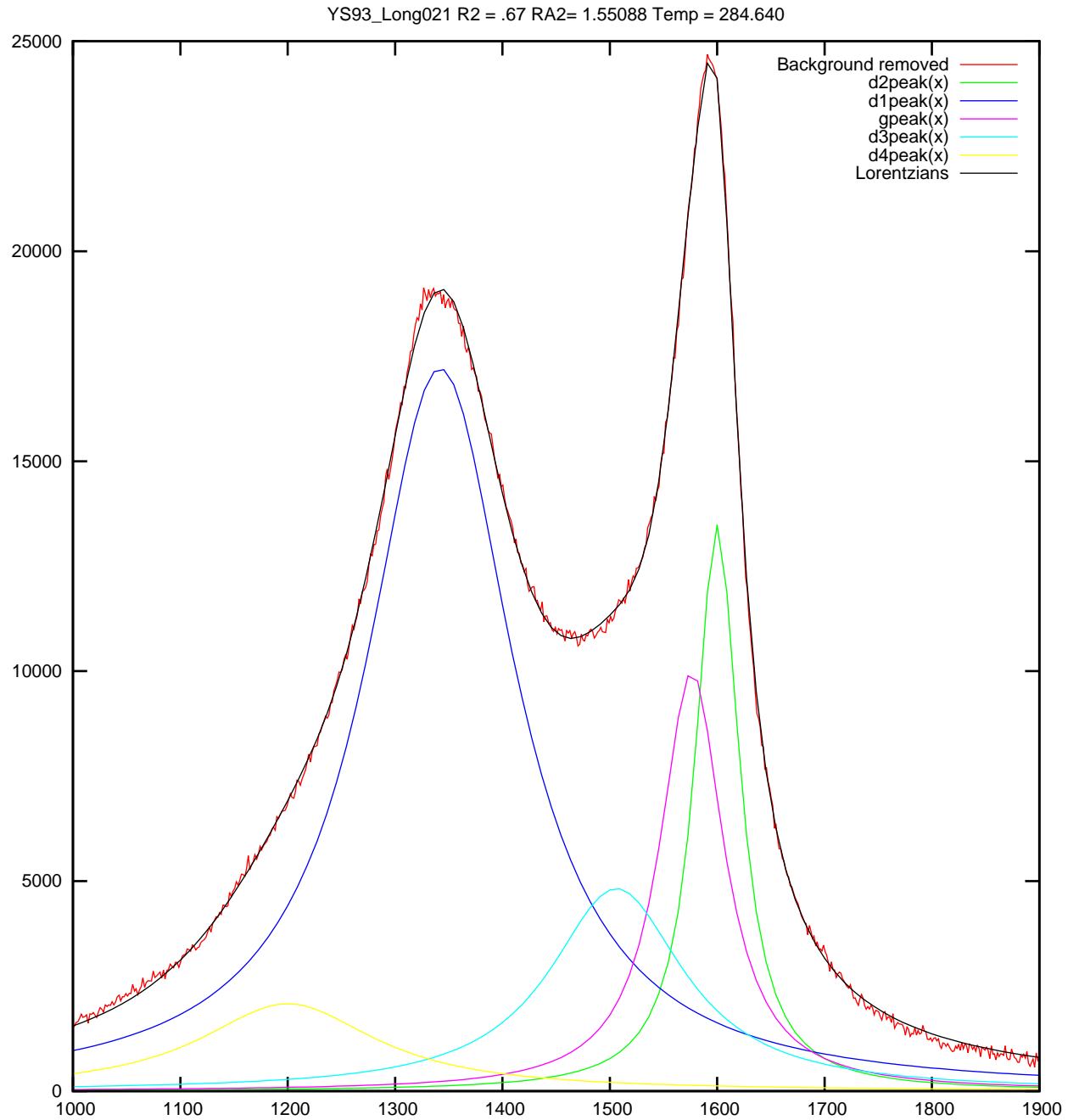
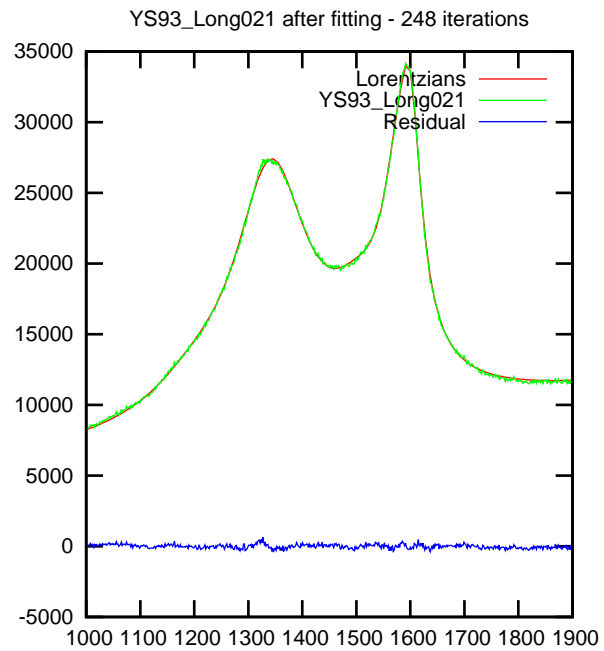
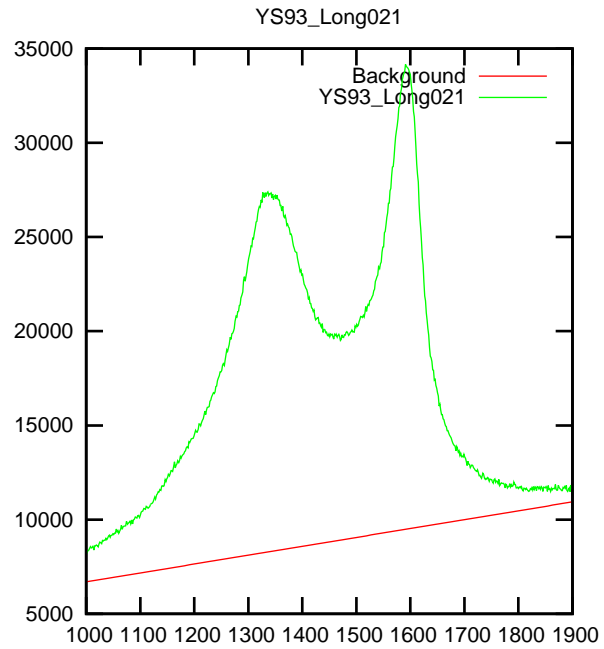
YS93_Long017 = Noisy

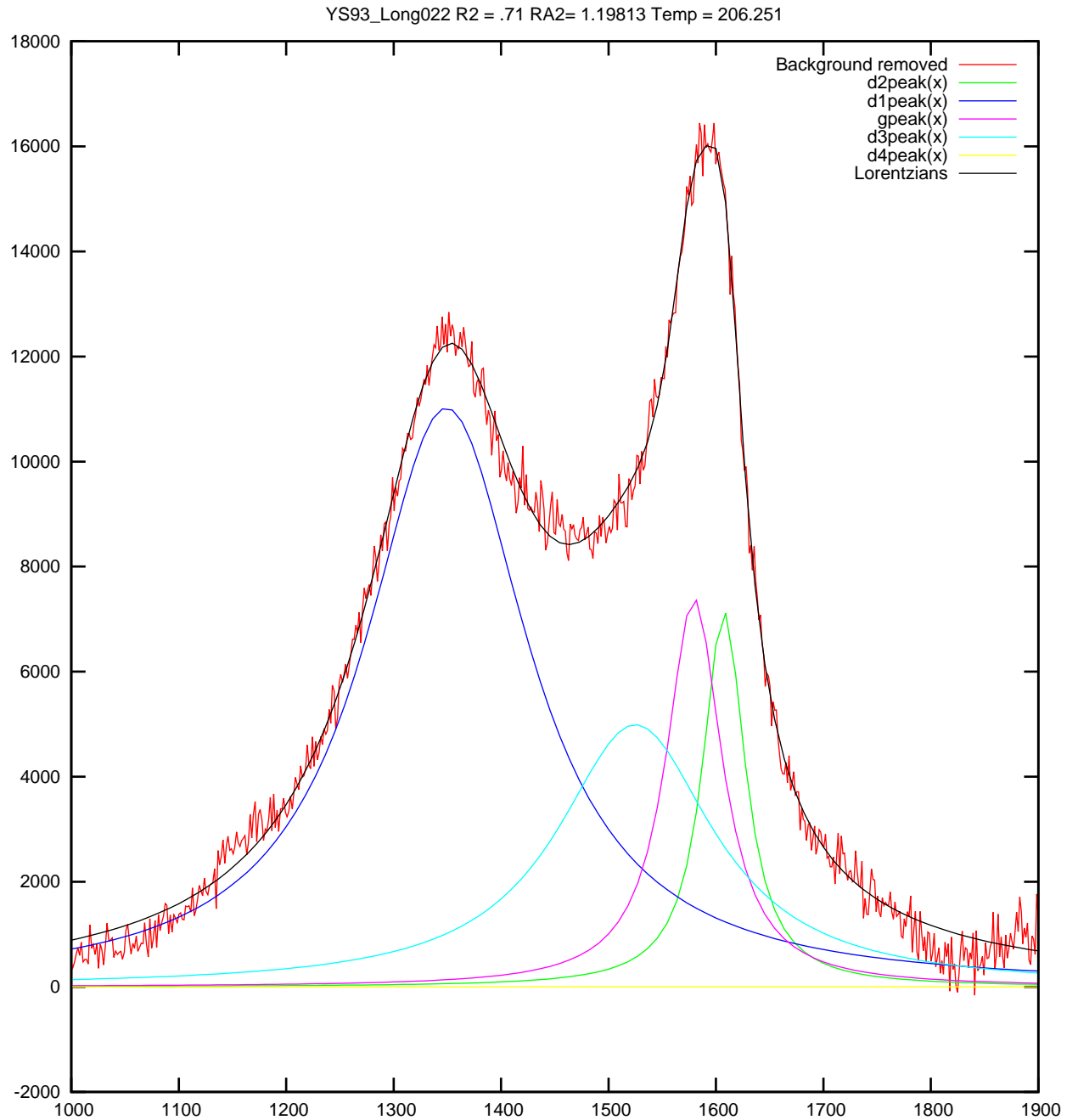
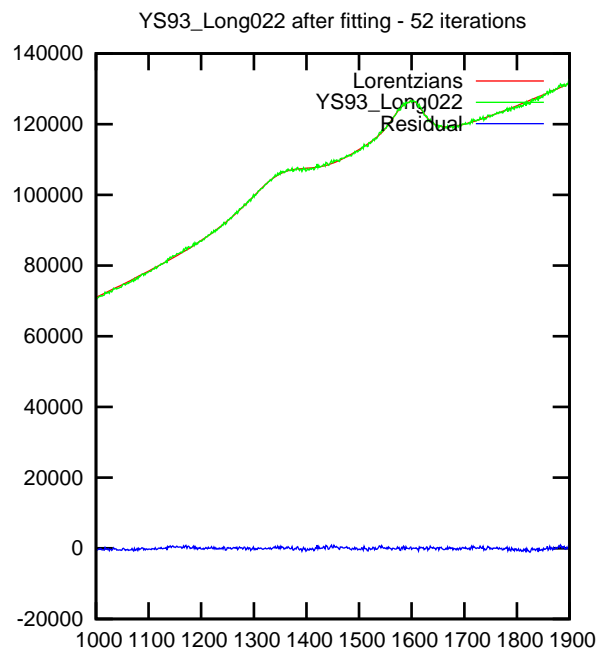
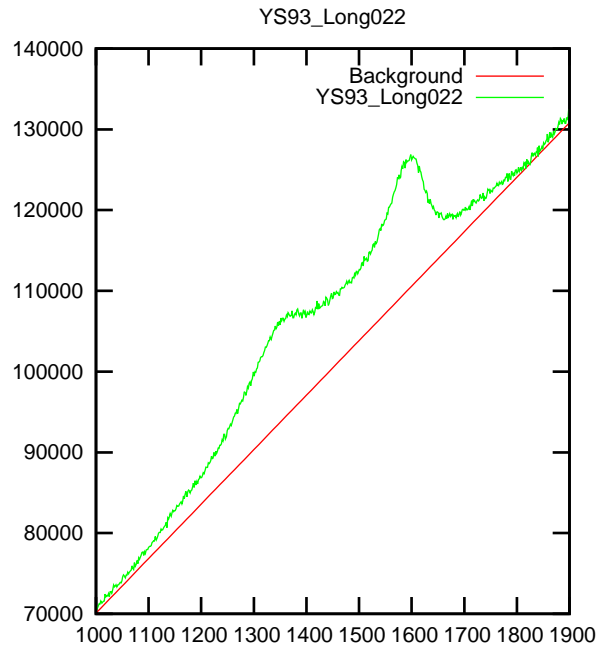


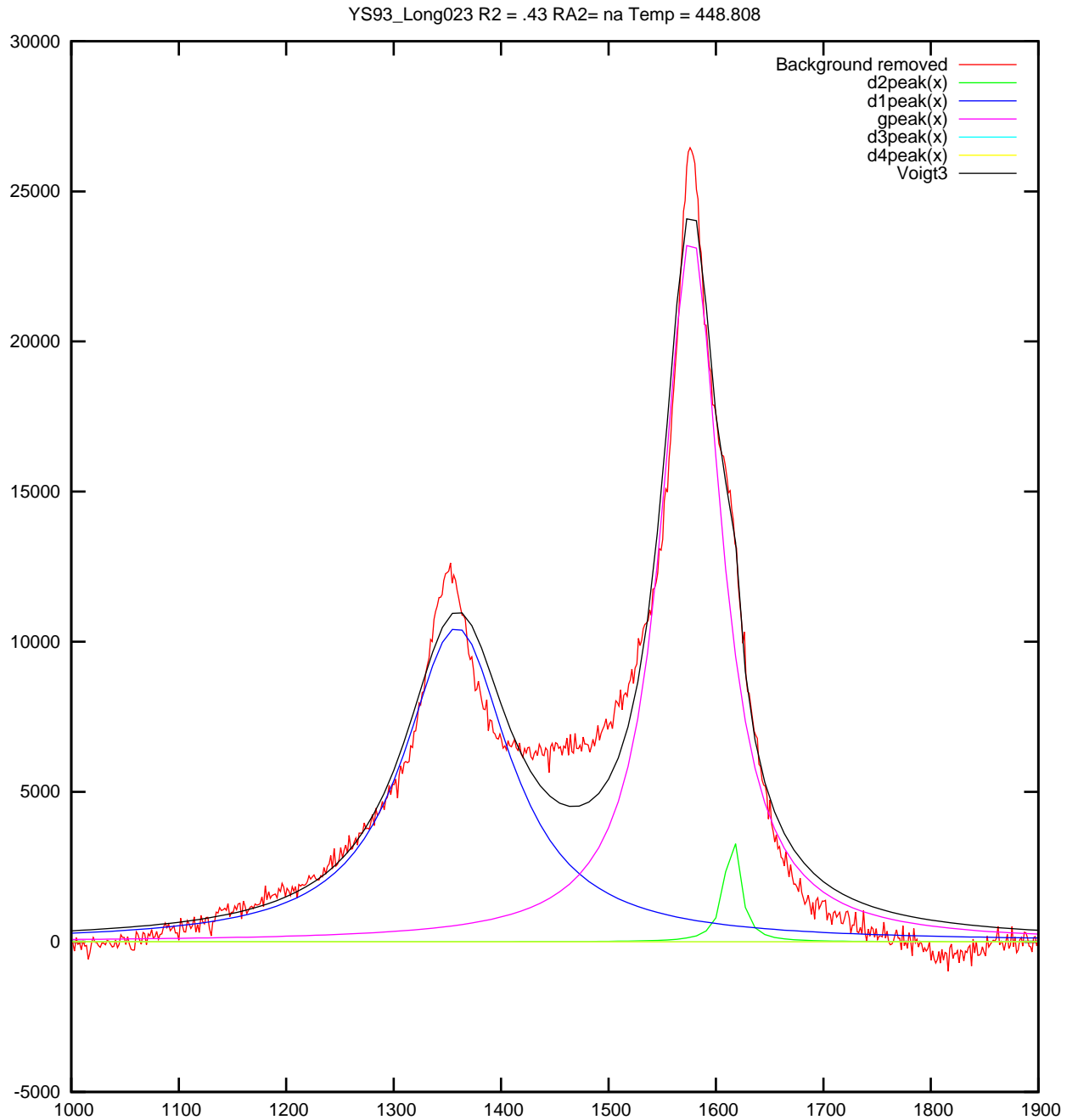
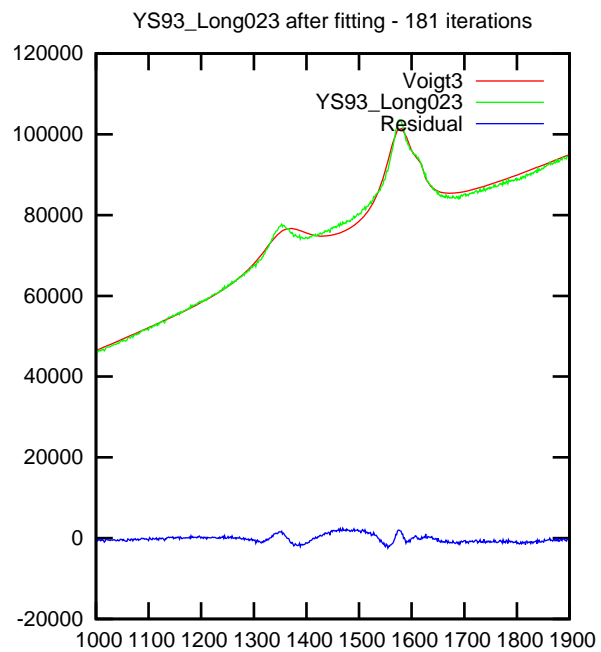
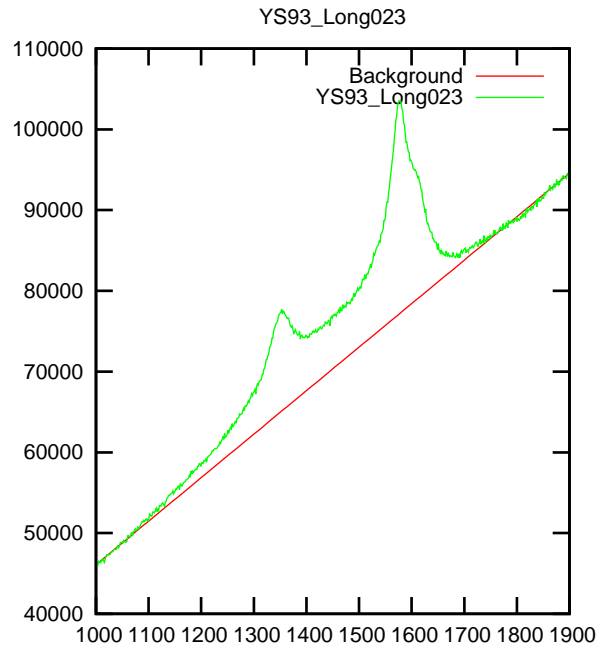


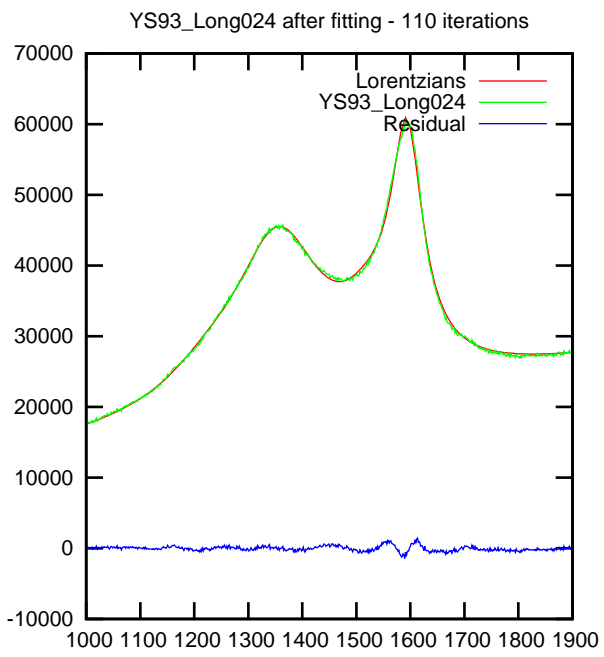
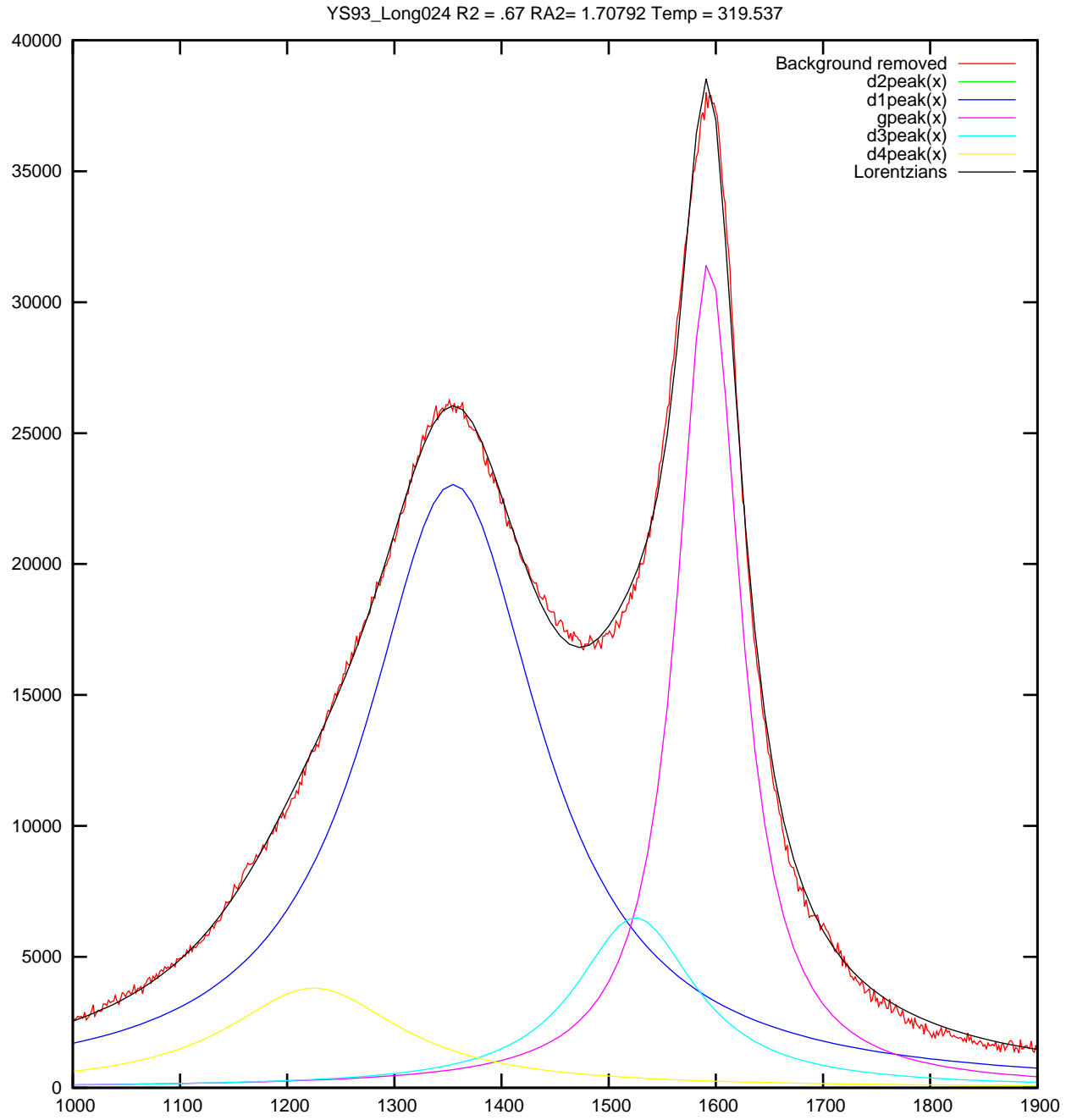
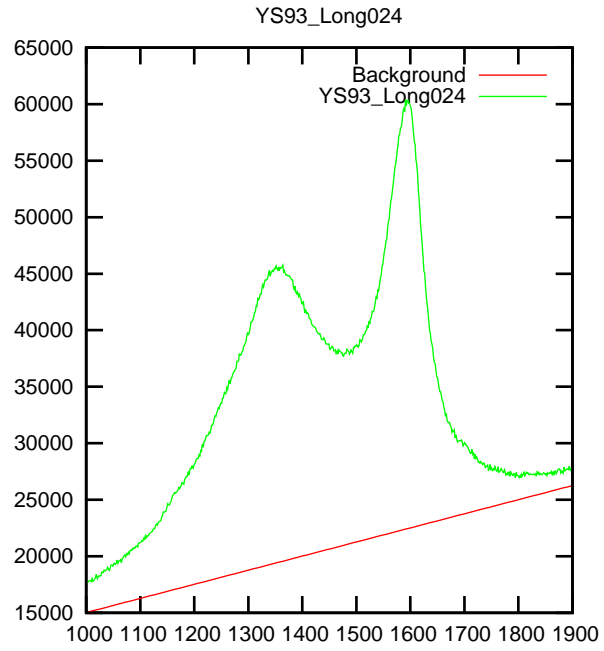


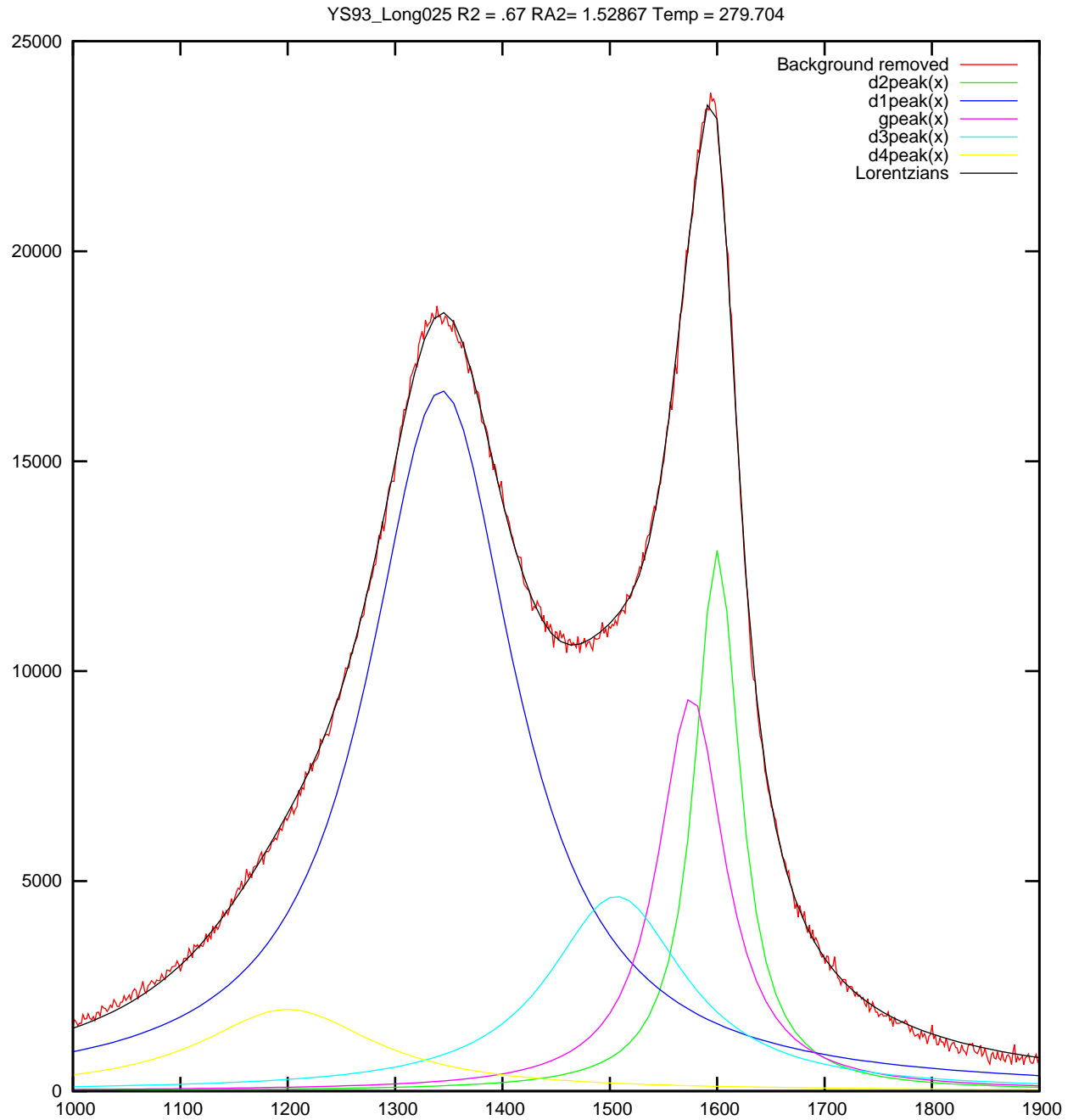
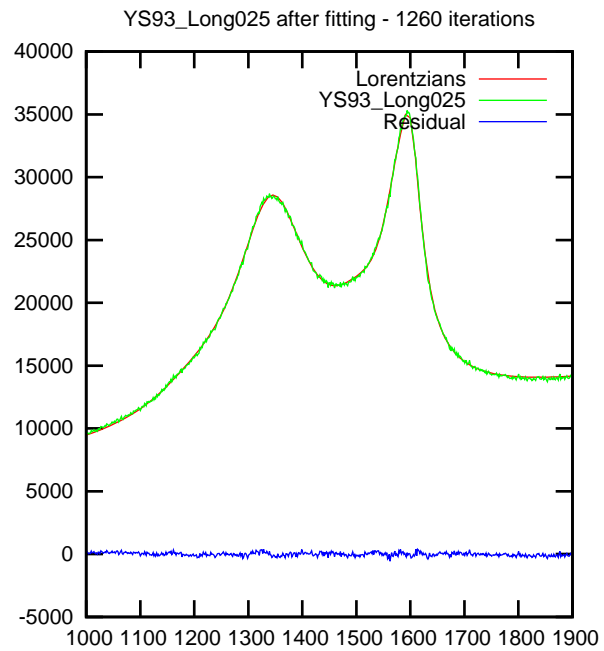
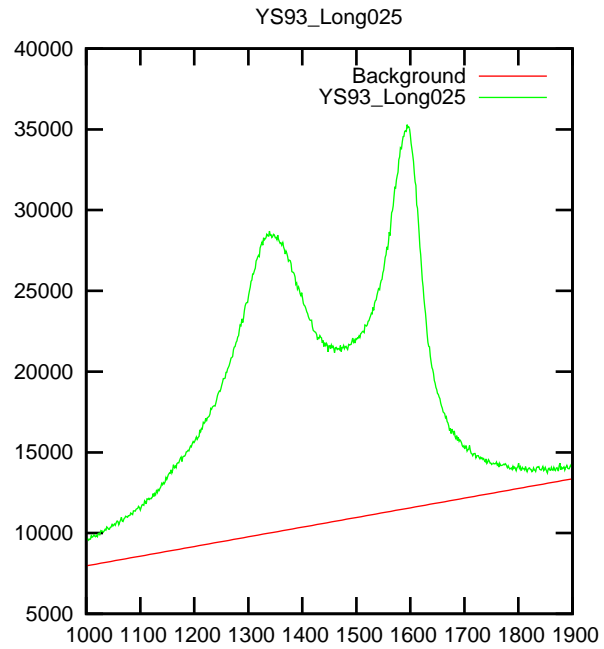


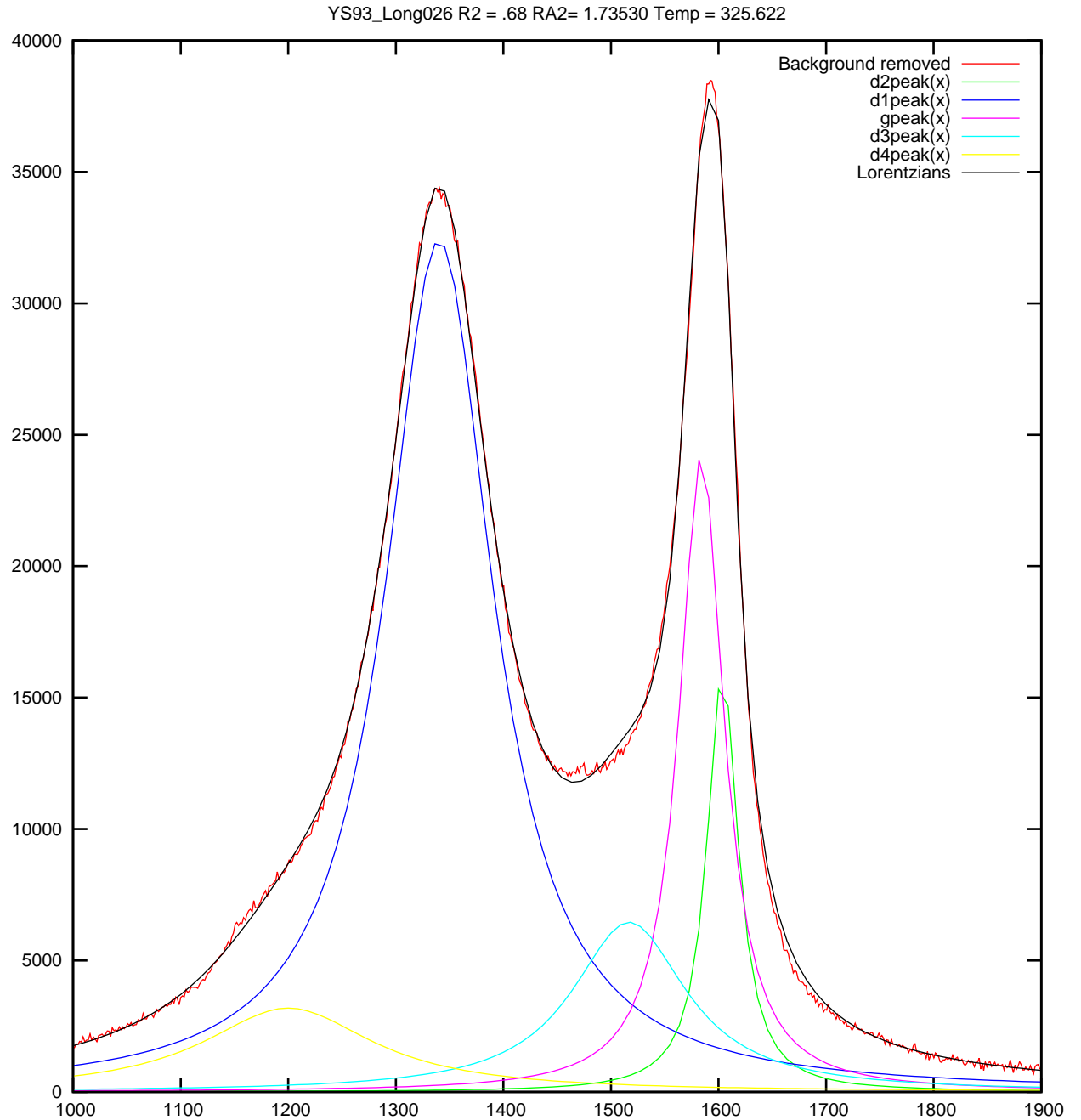
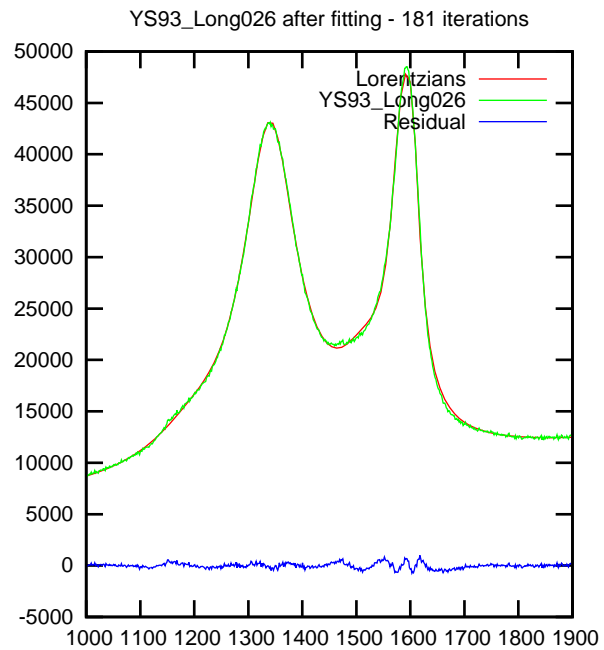
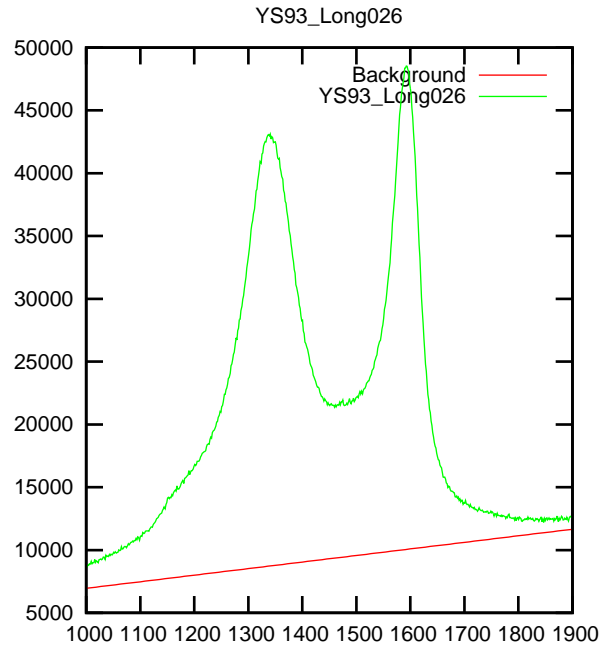


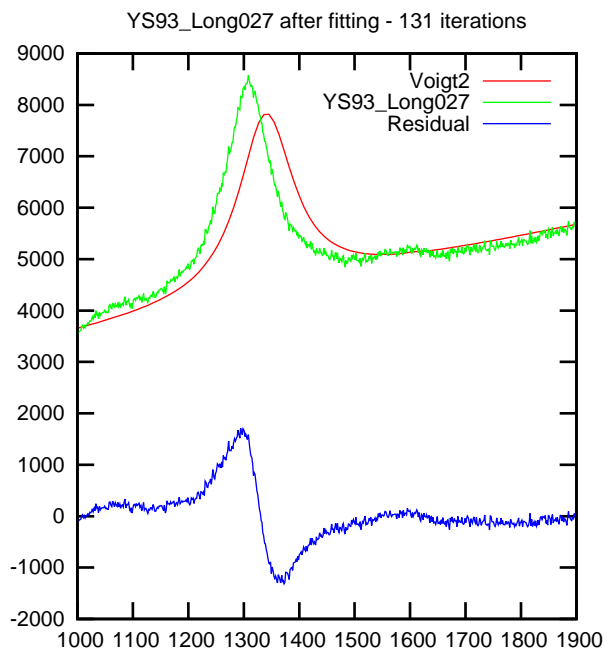
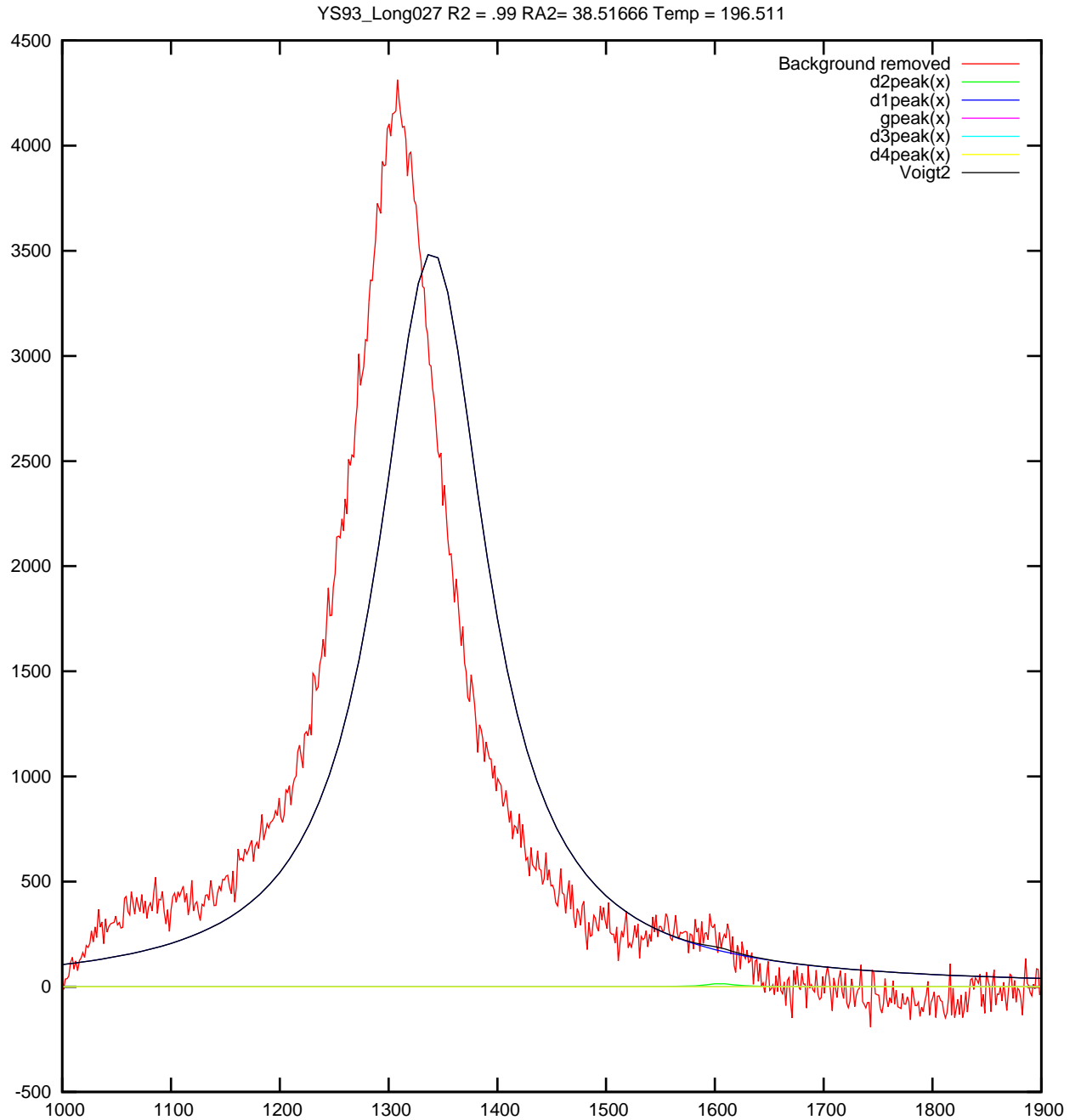
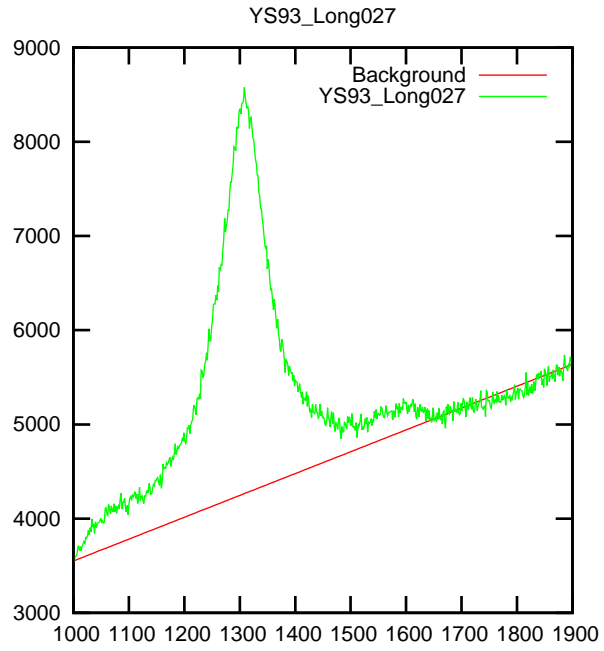


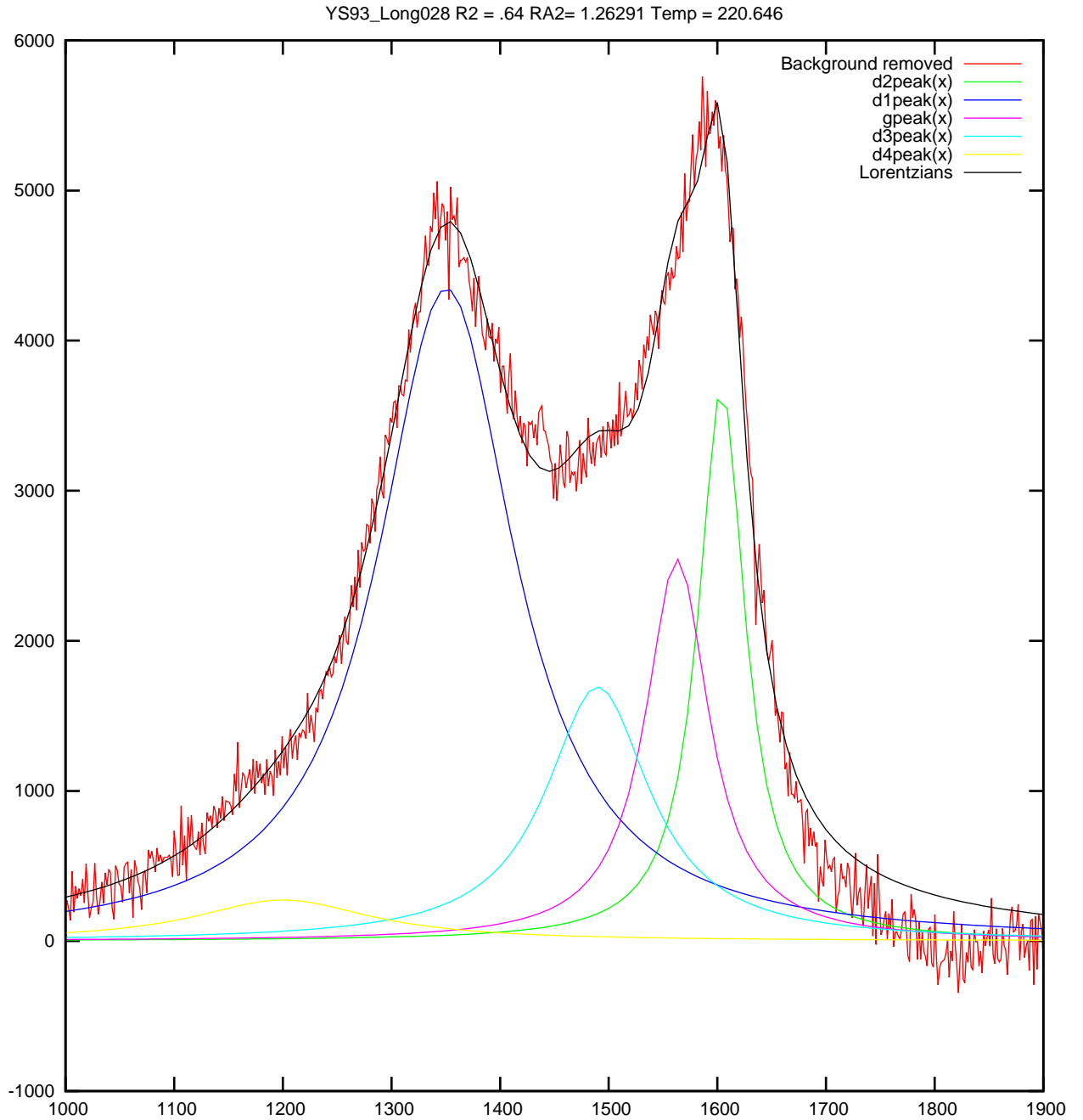
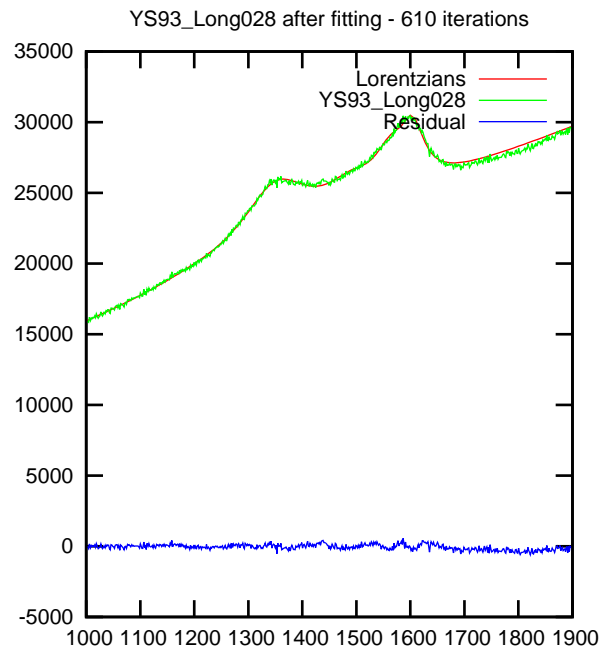
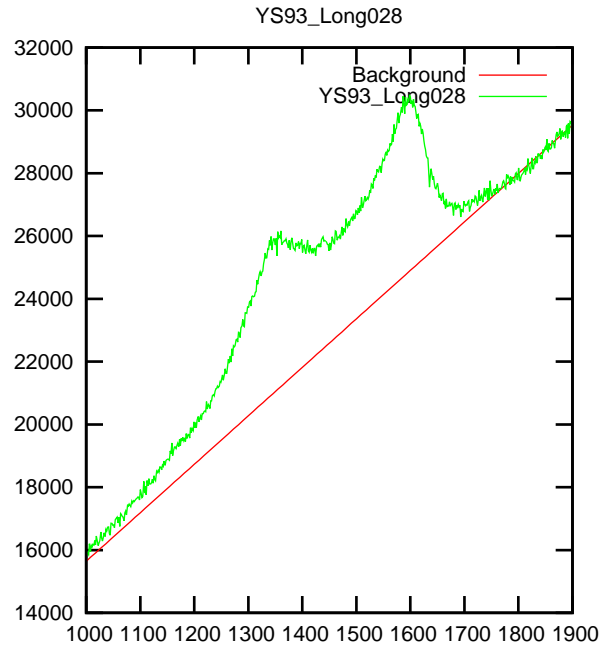


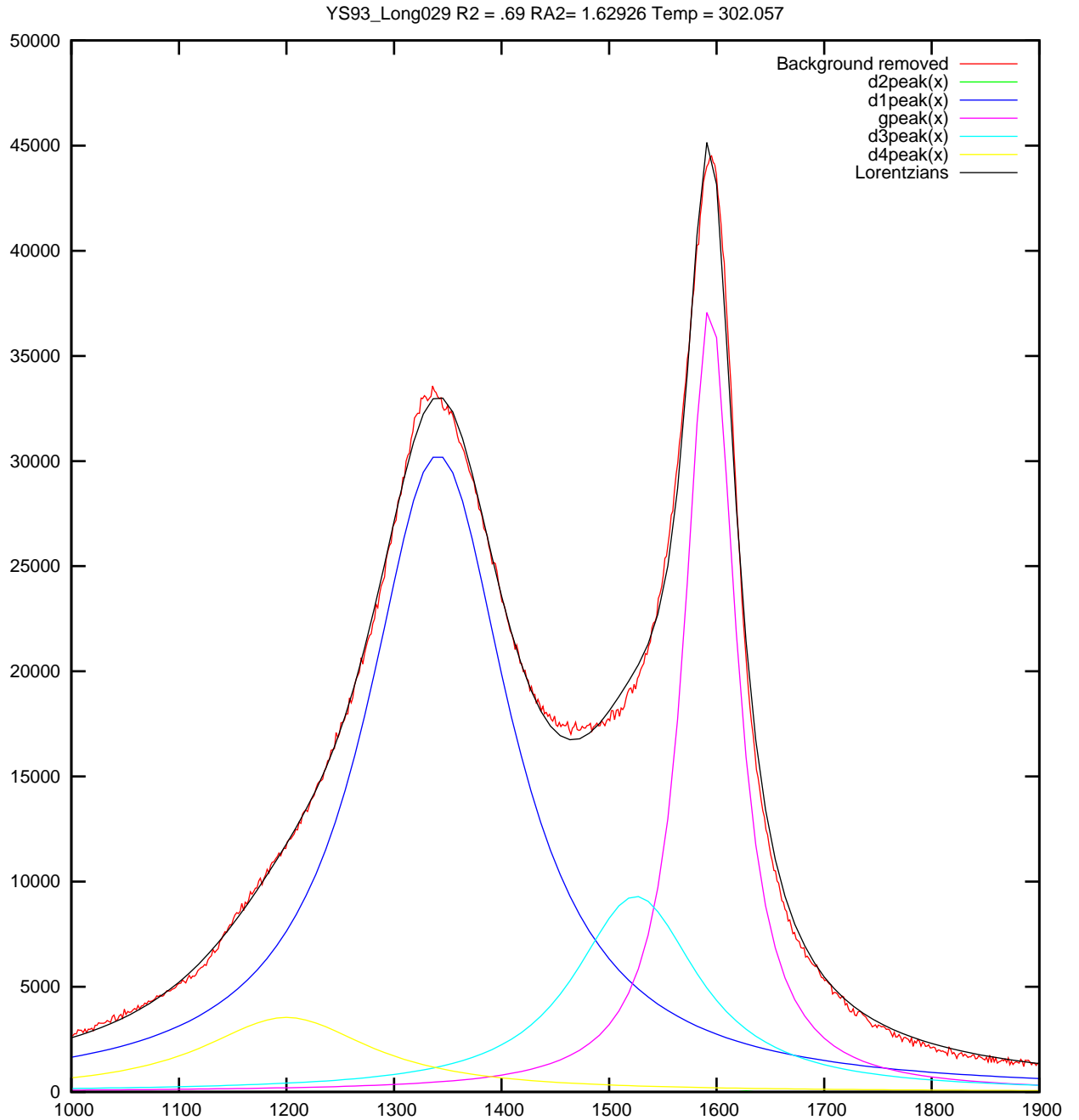
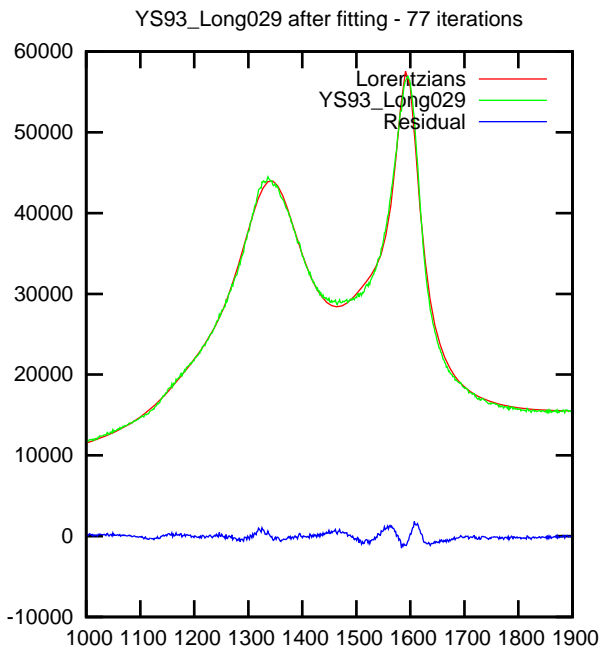
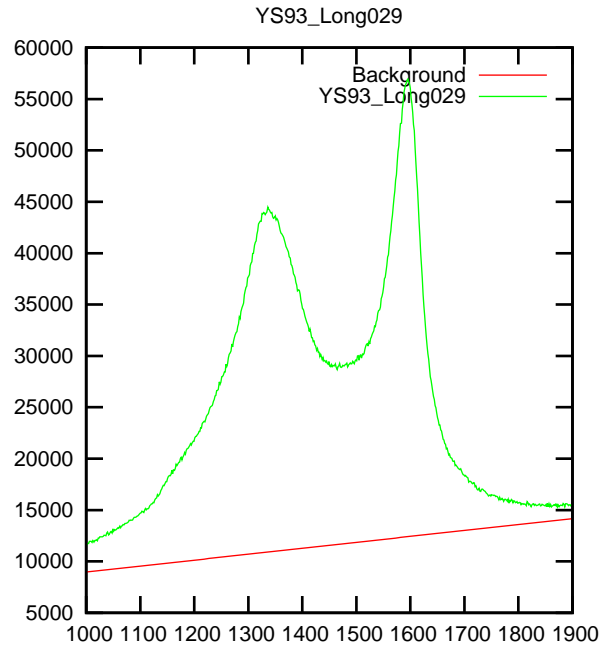


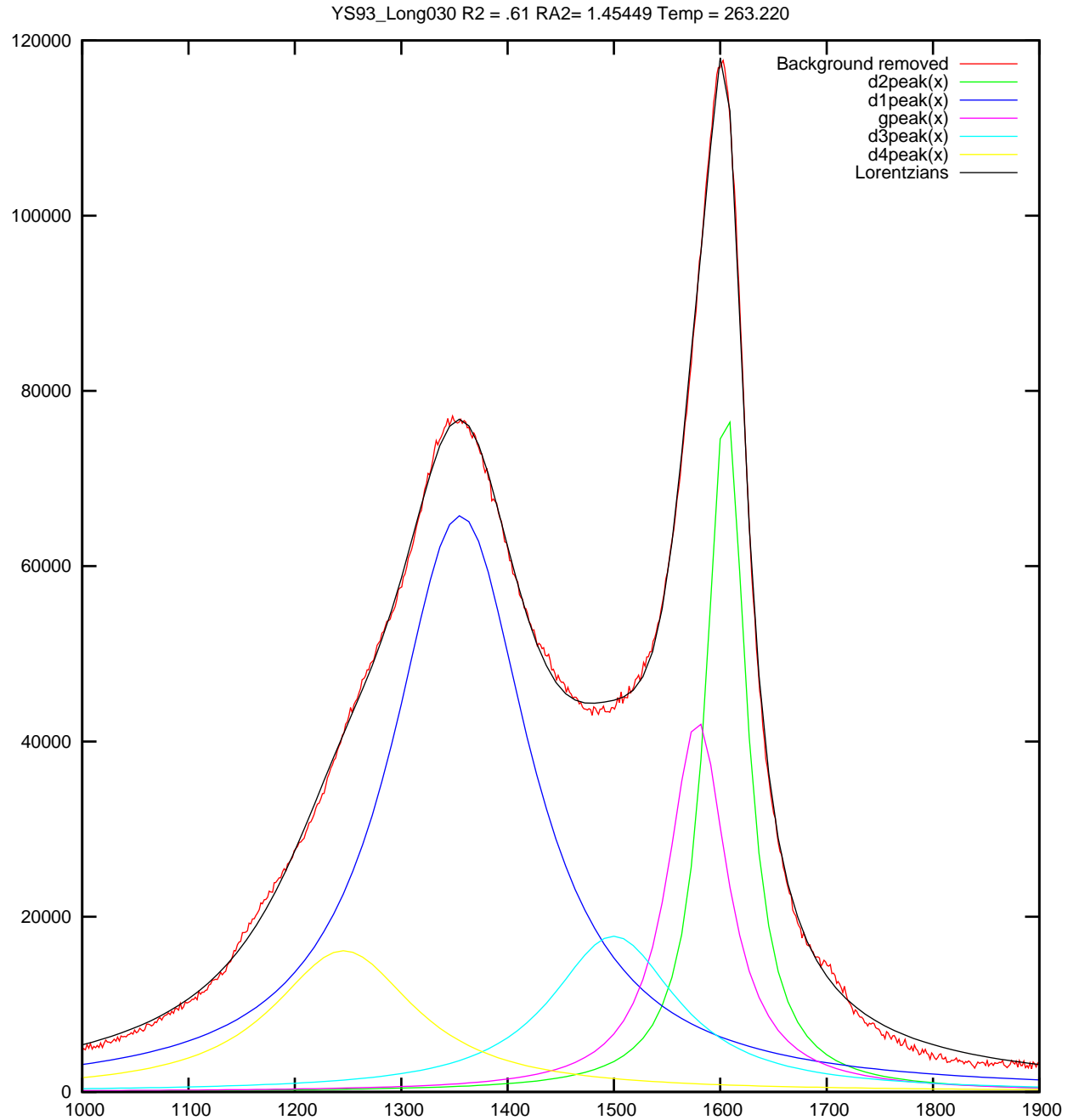
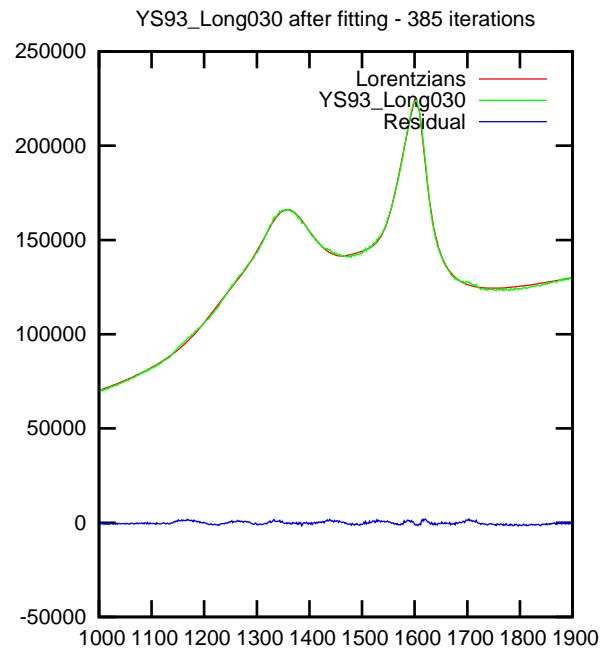
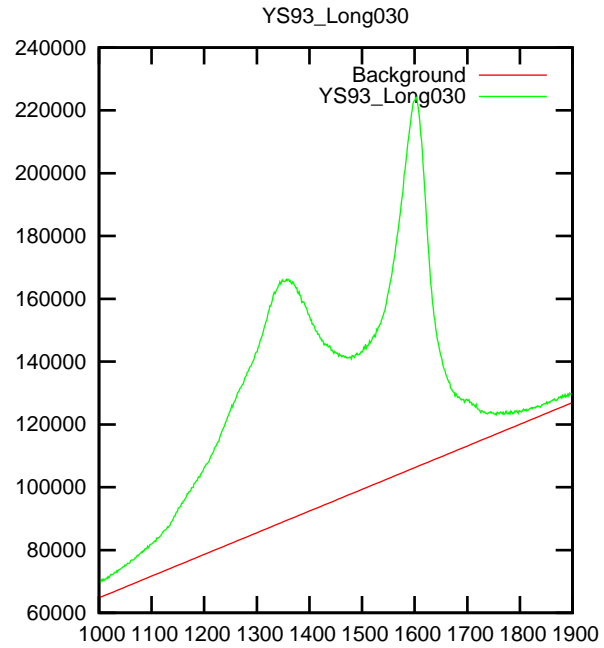


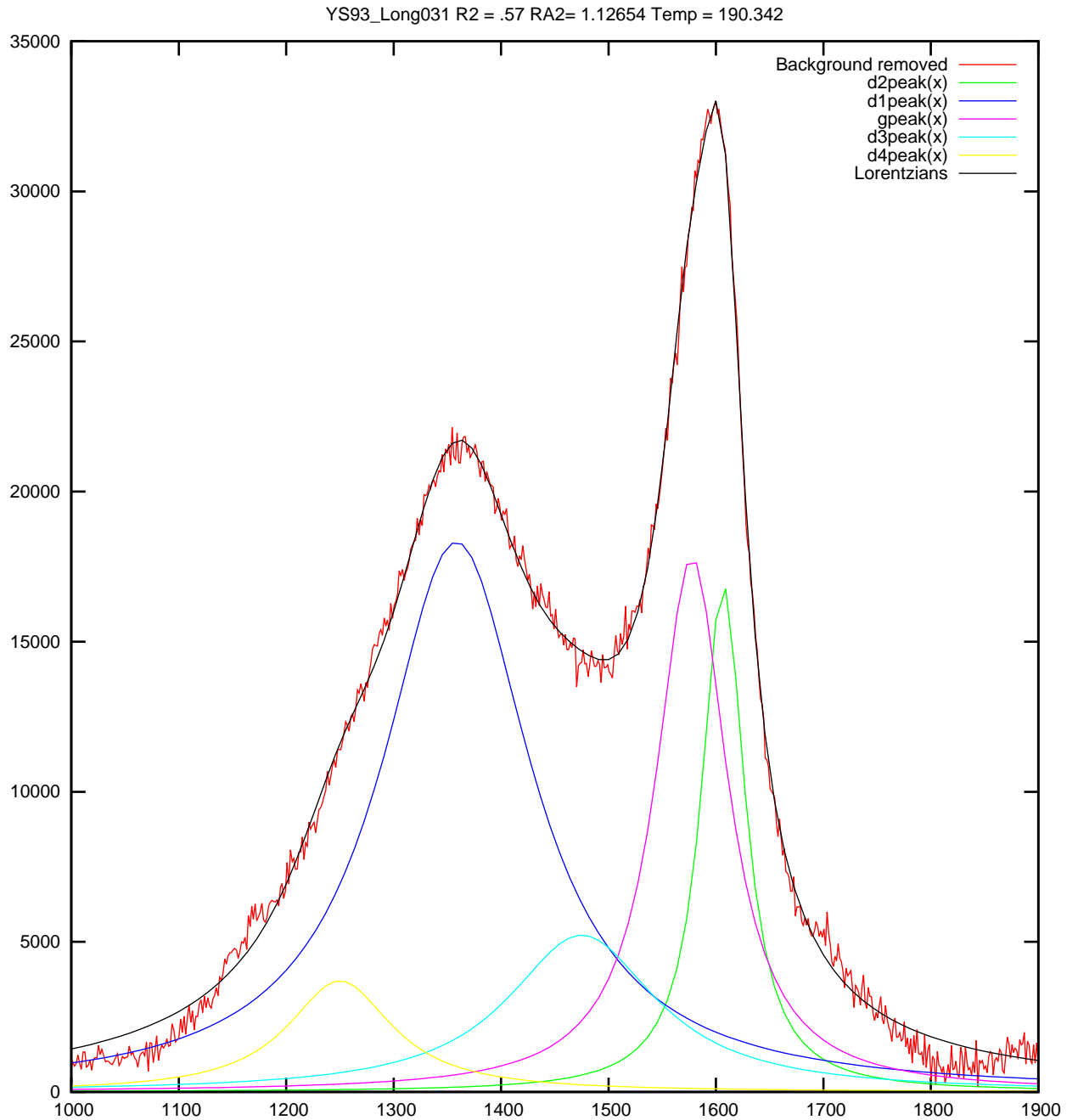
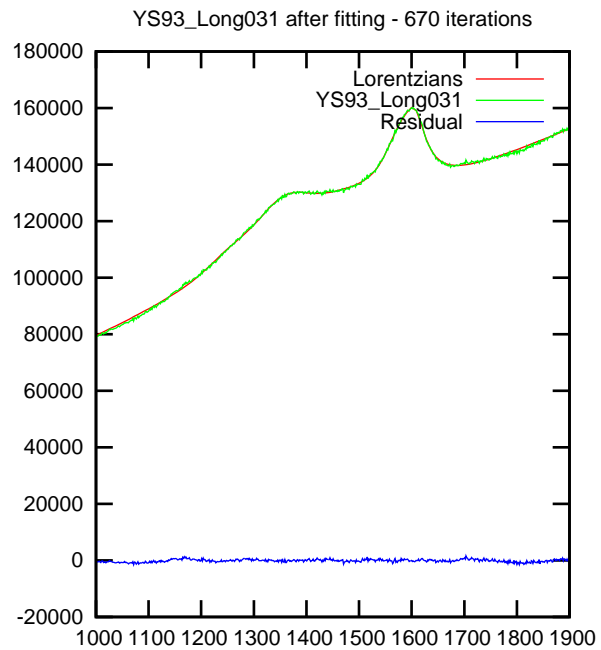
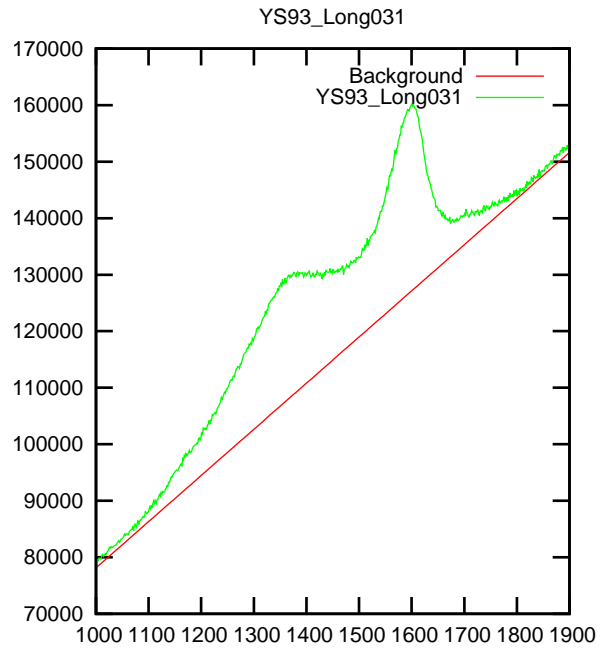


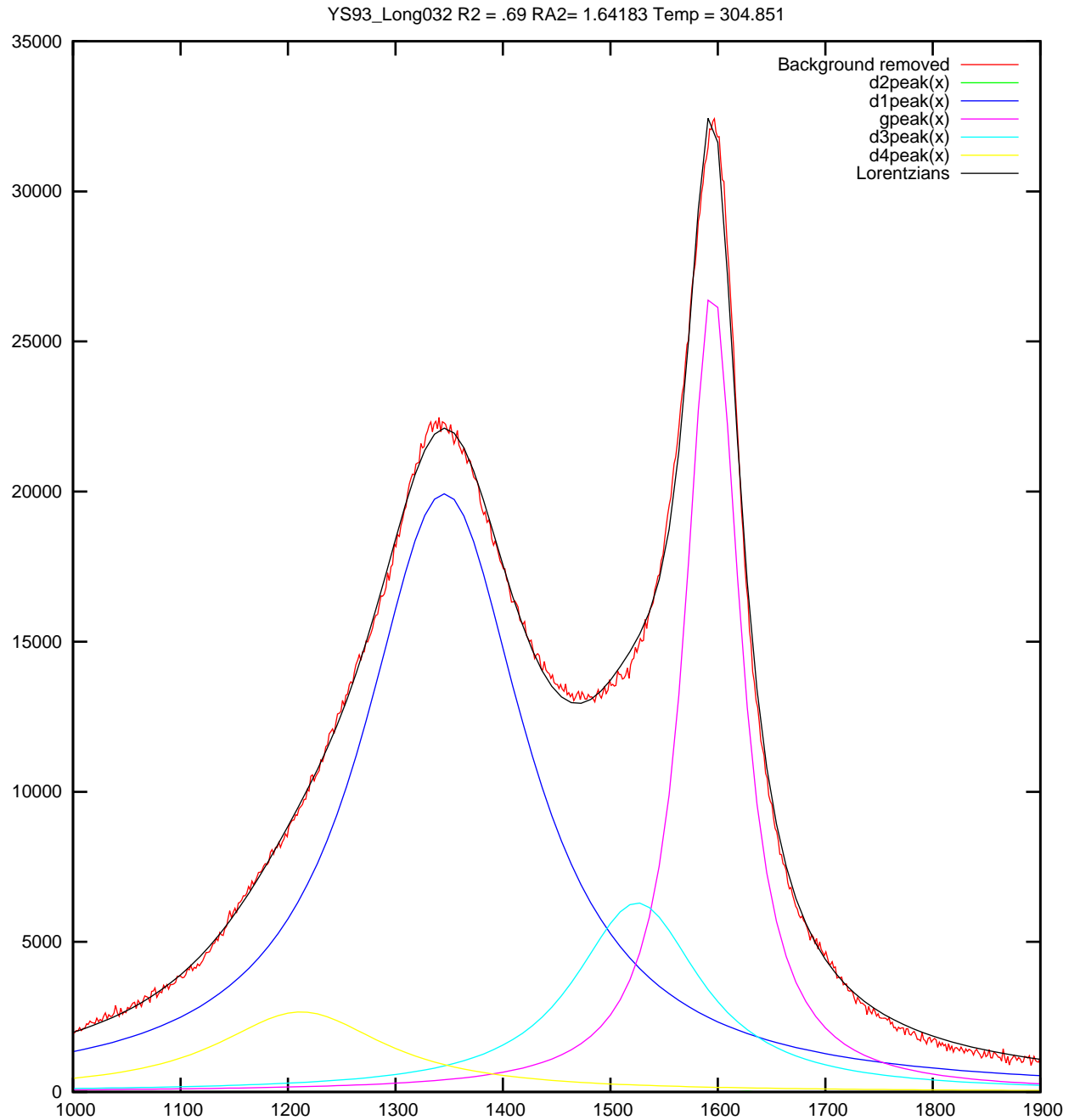
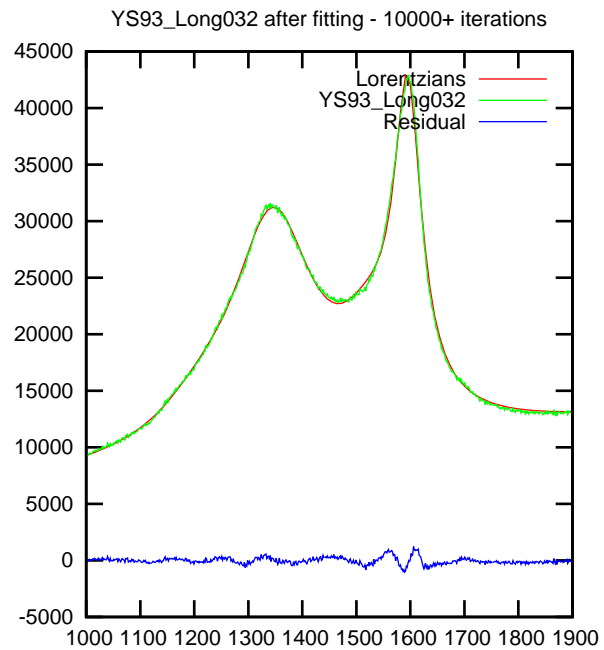
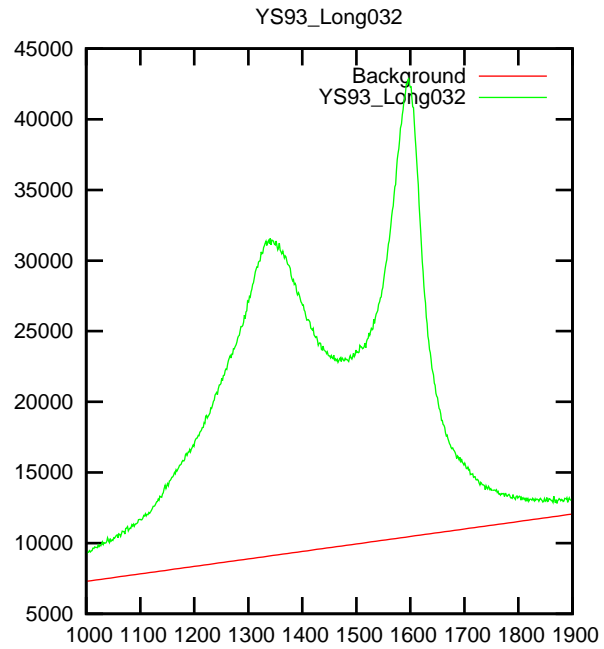


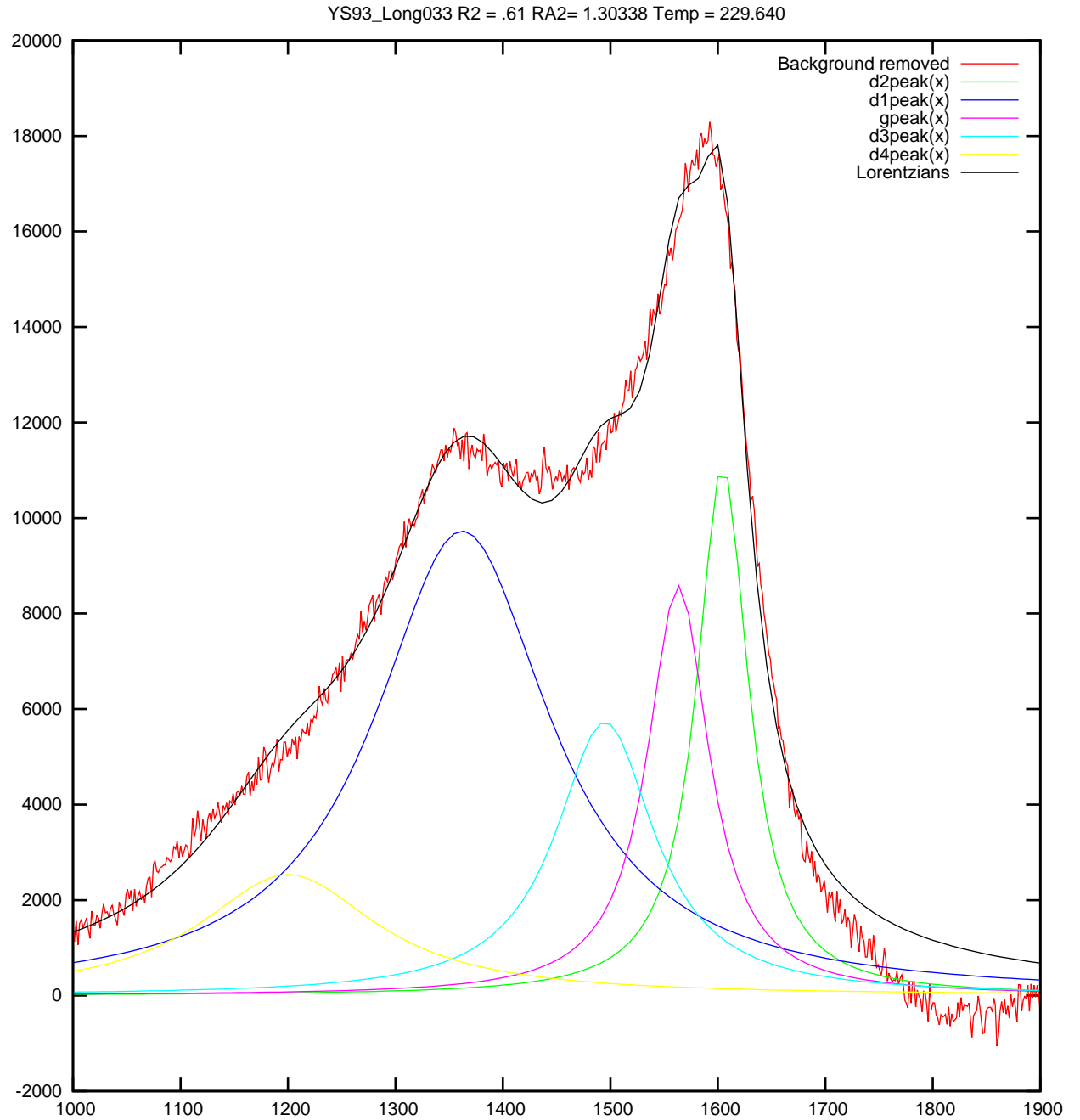
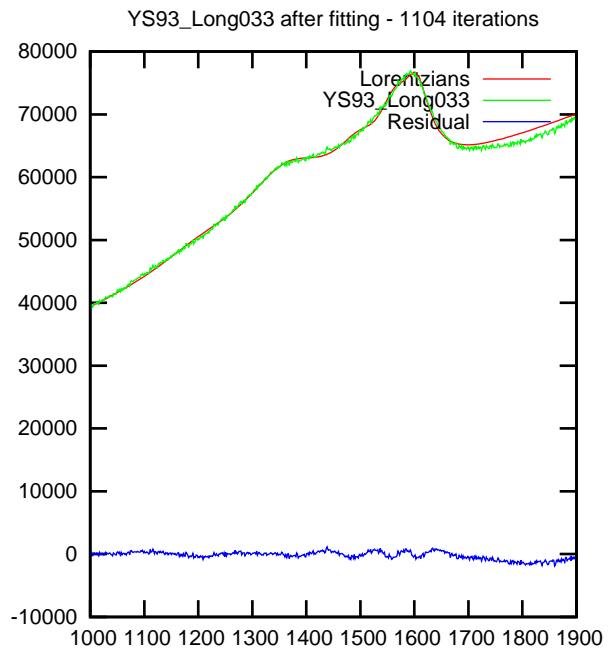
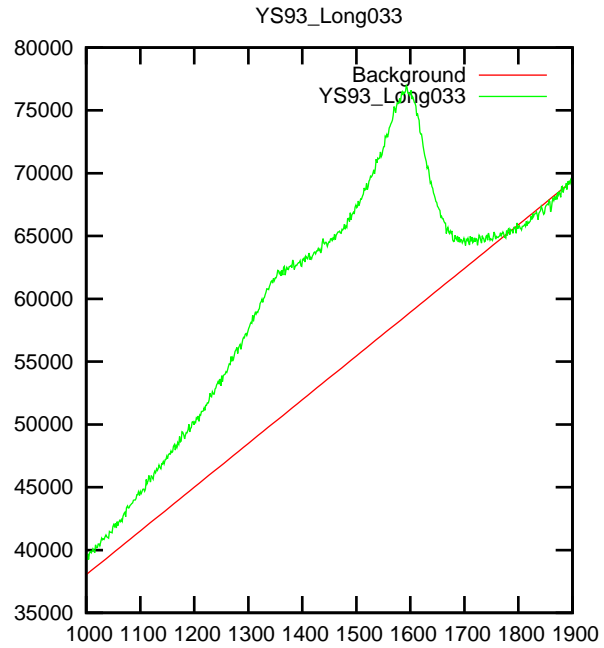


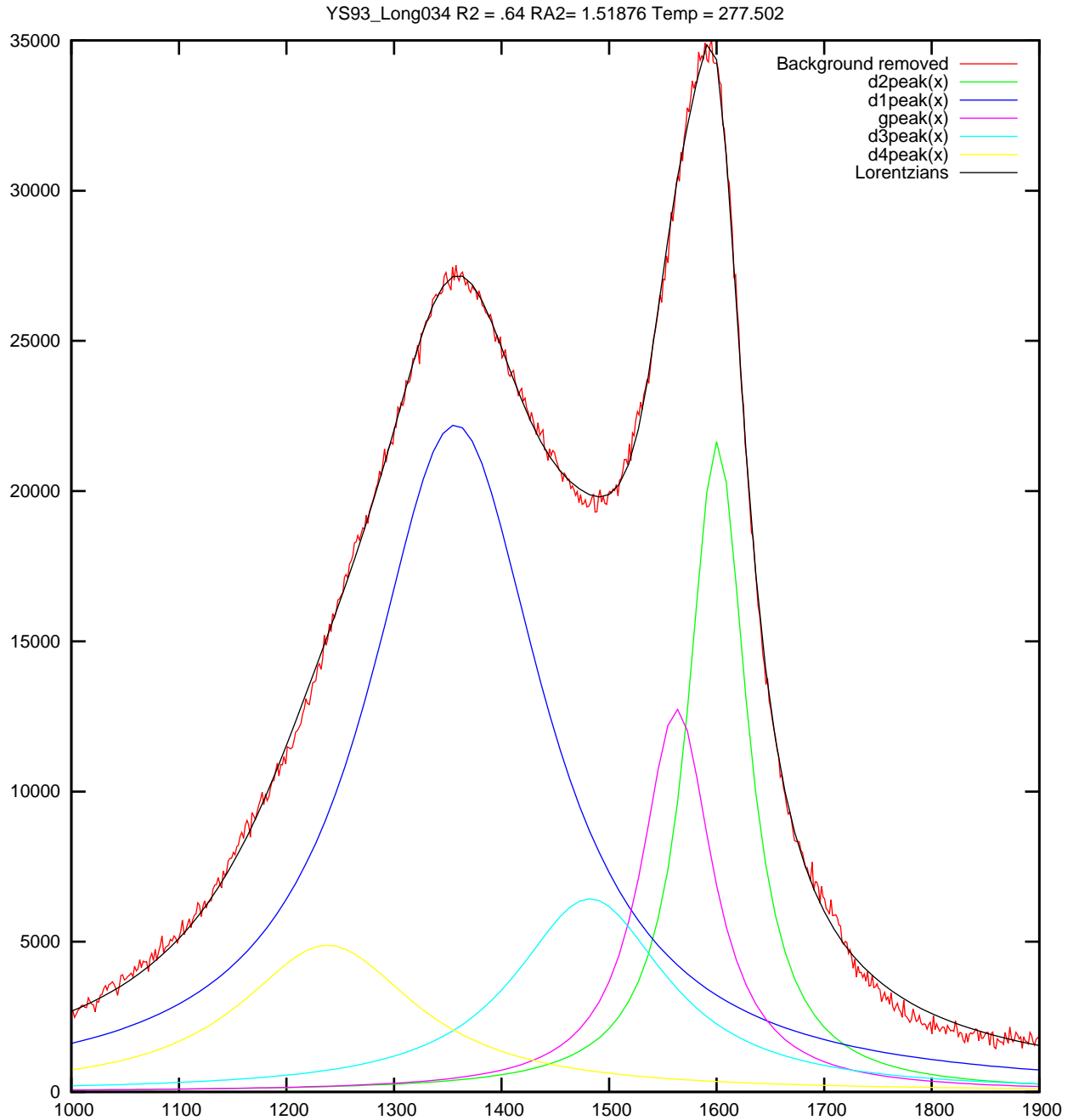
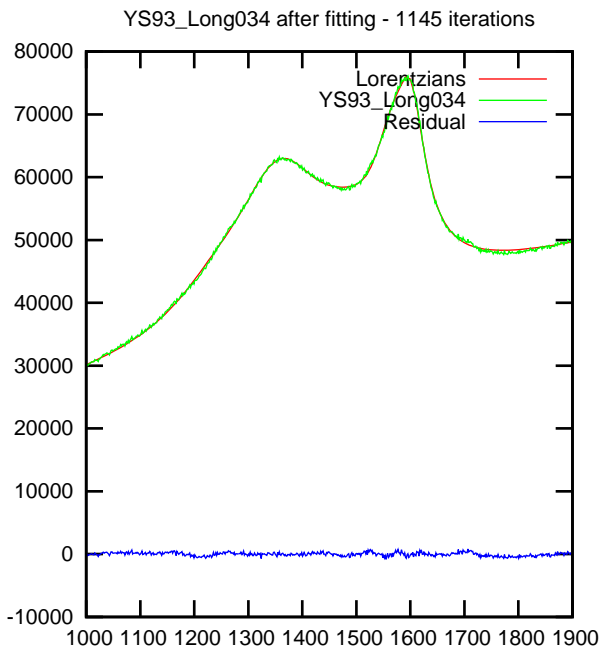
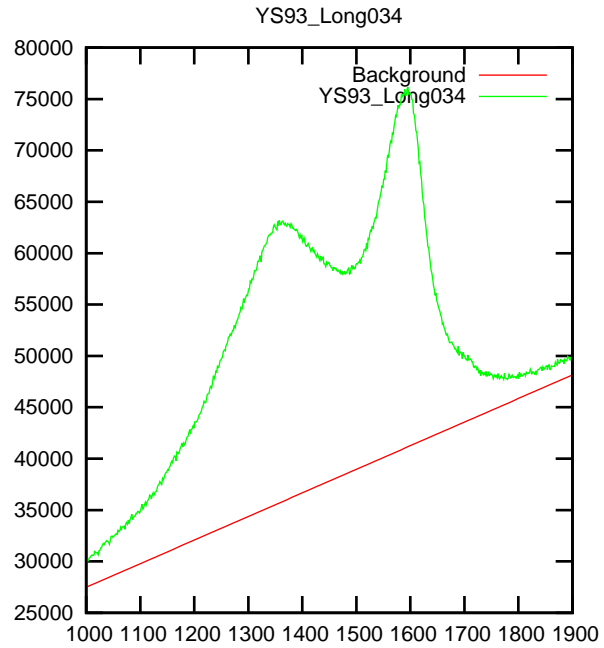




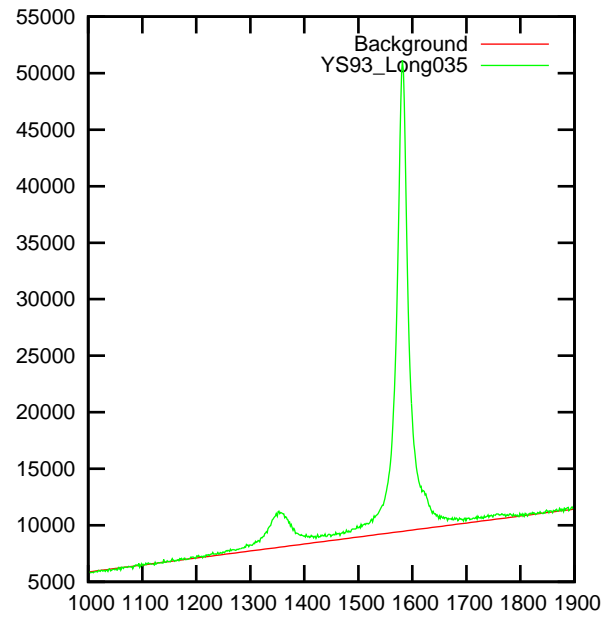




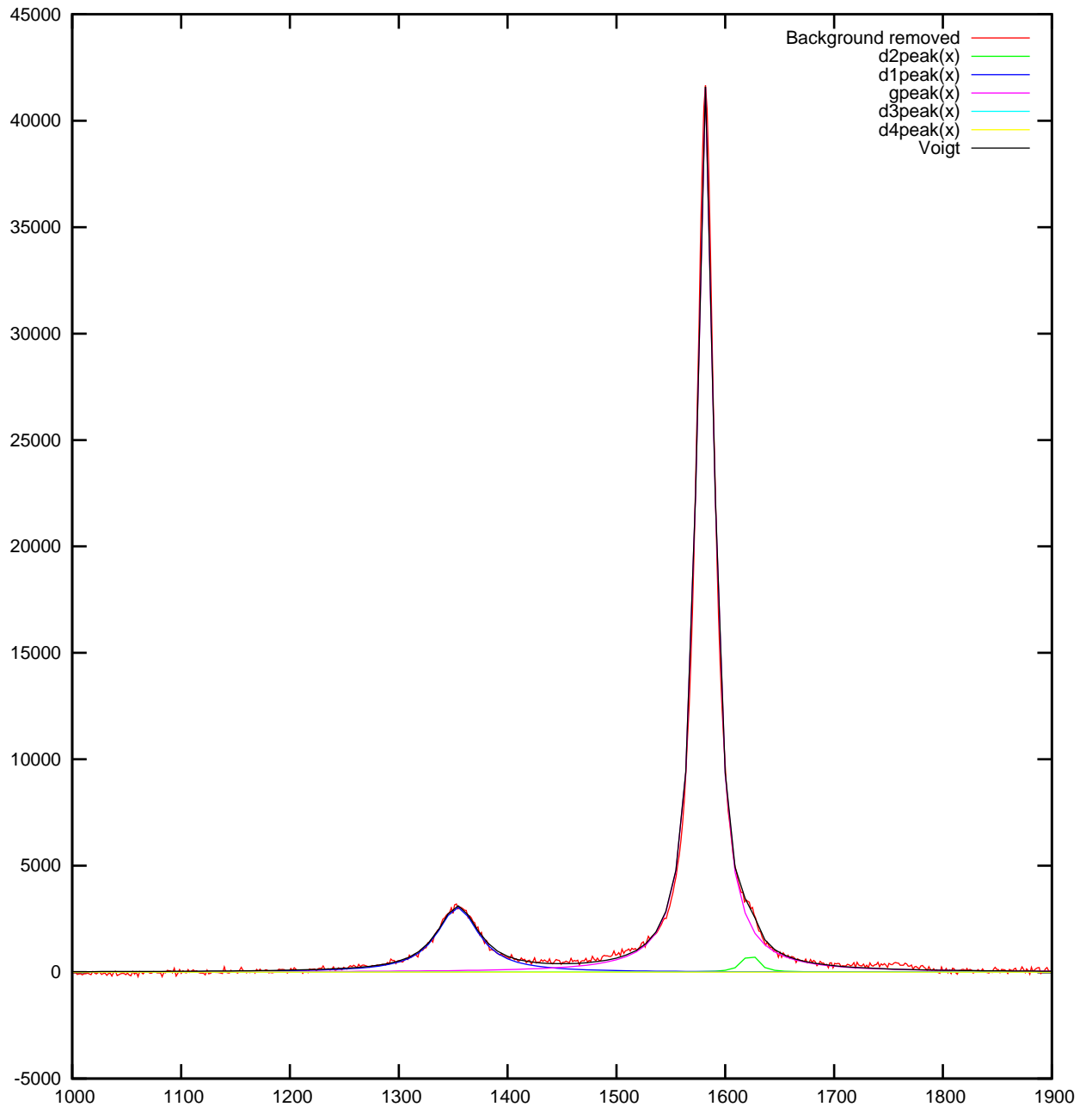




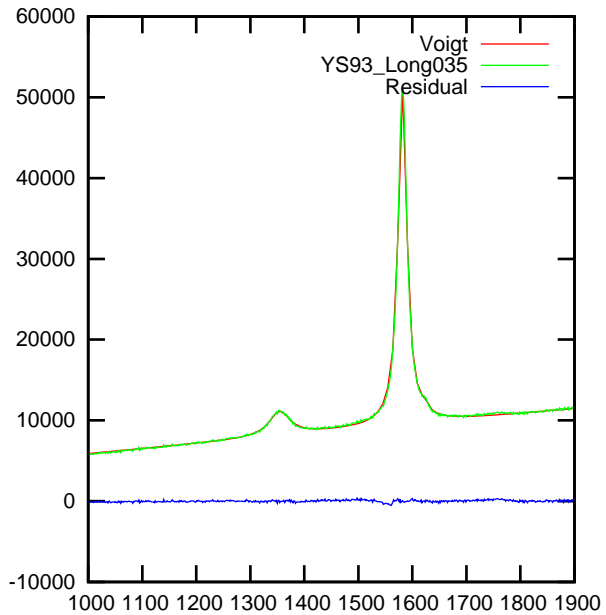
YS93_Long035

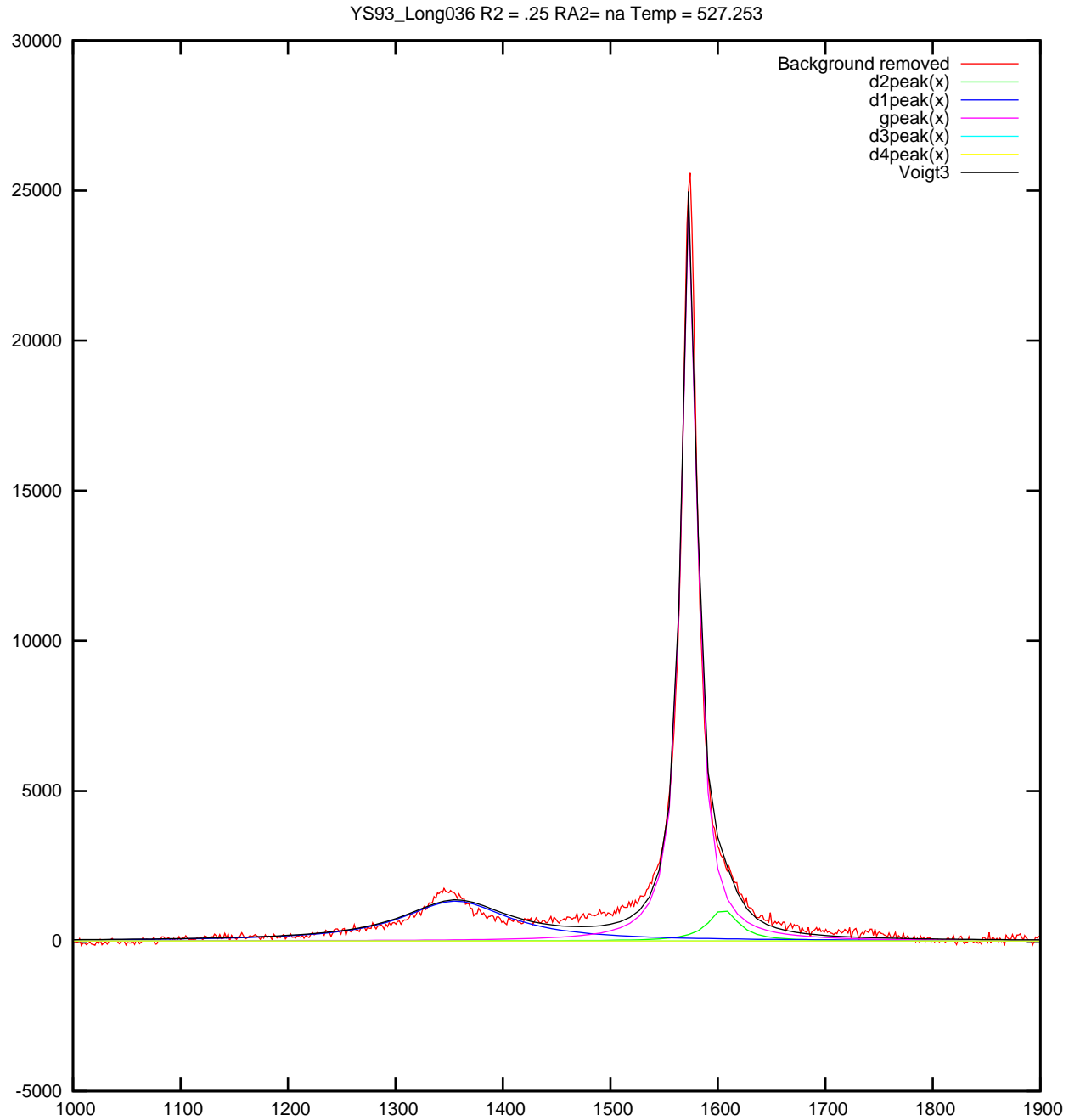
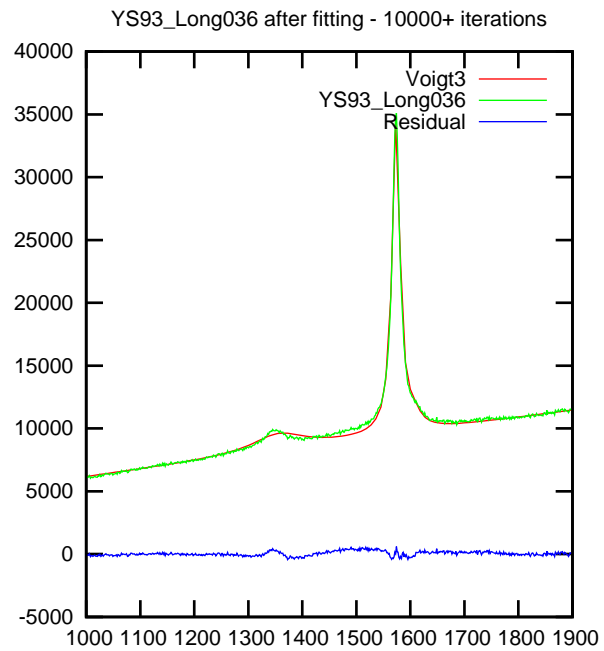
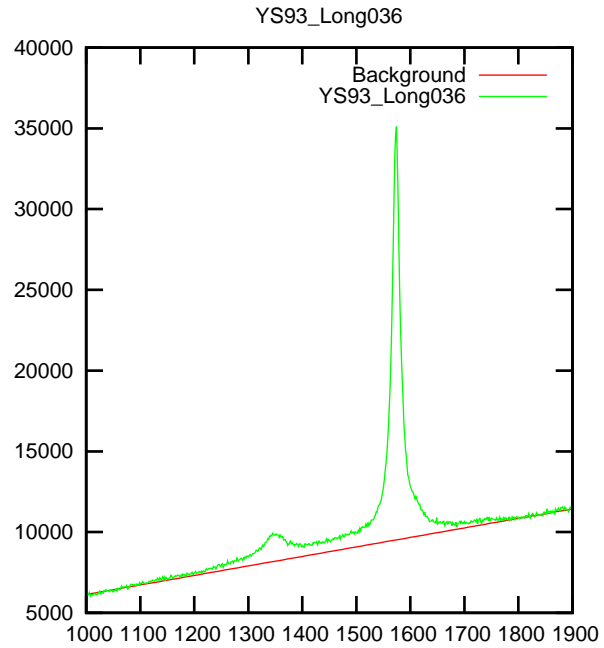


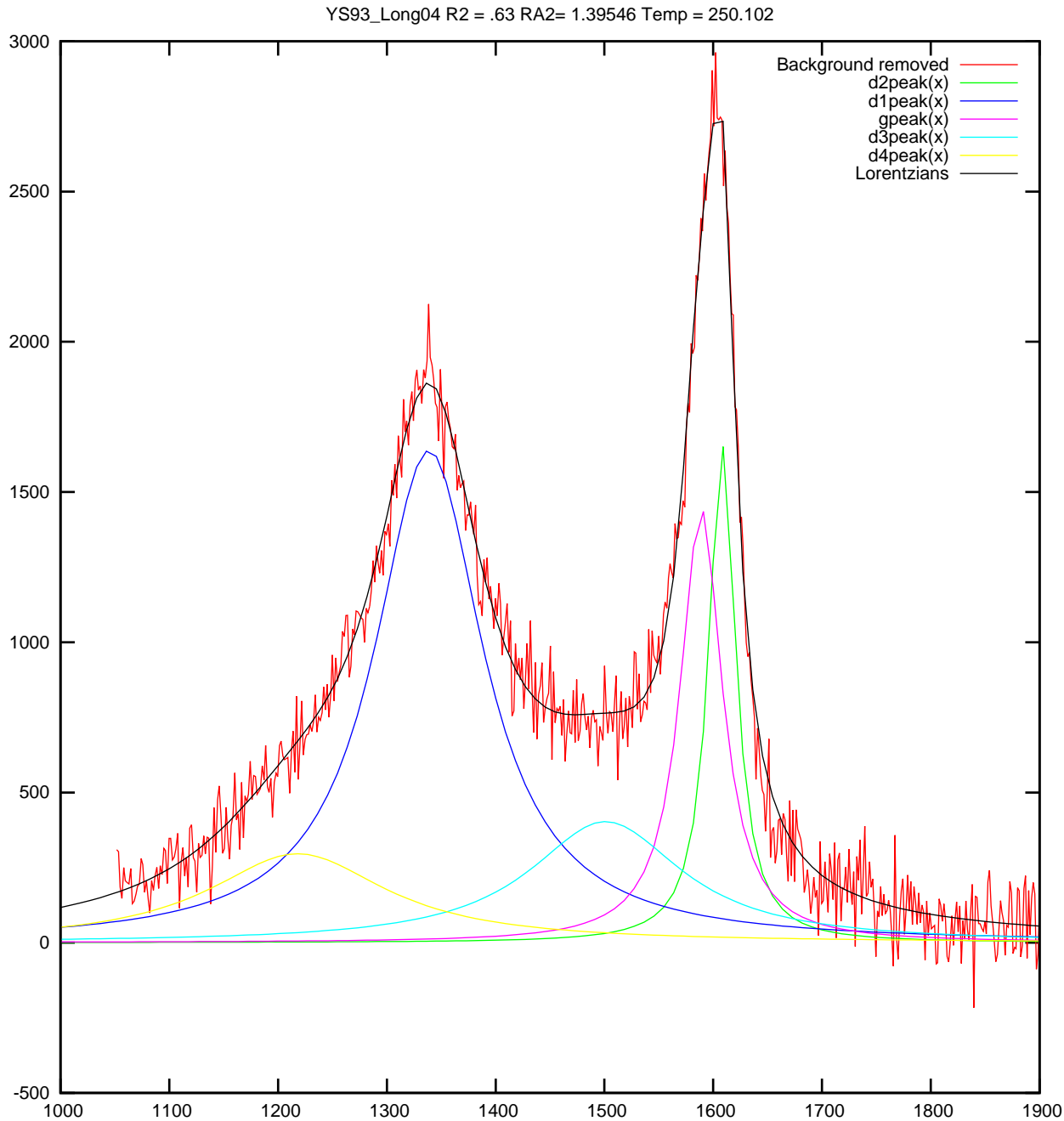
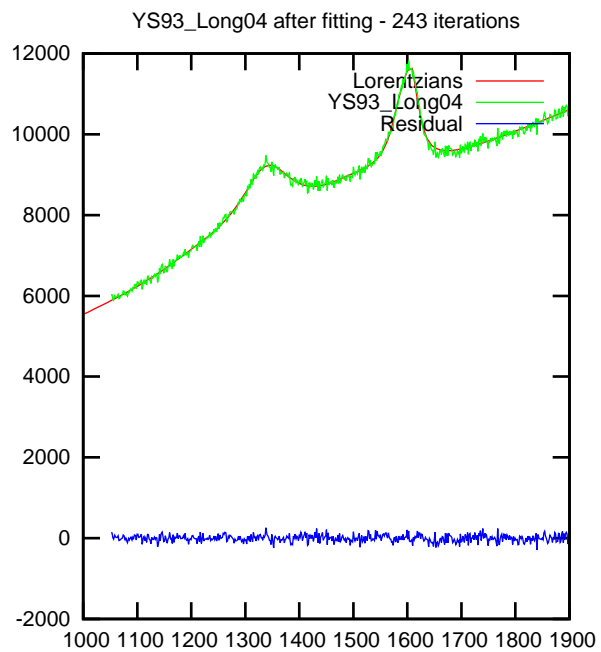
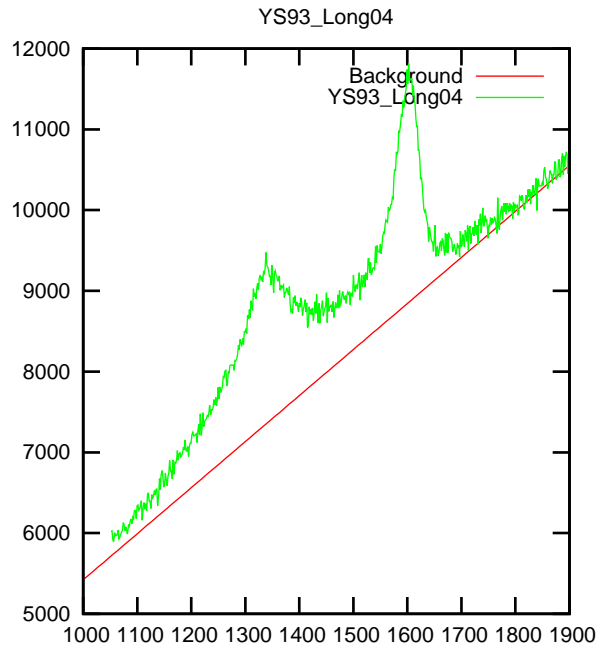
YS93_Long035 R2 = .14 RA2= na Temp = 575.736

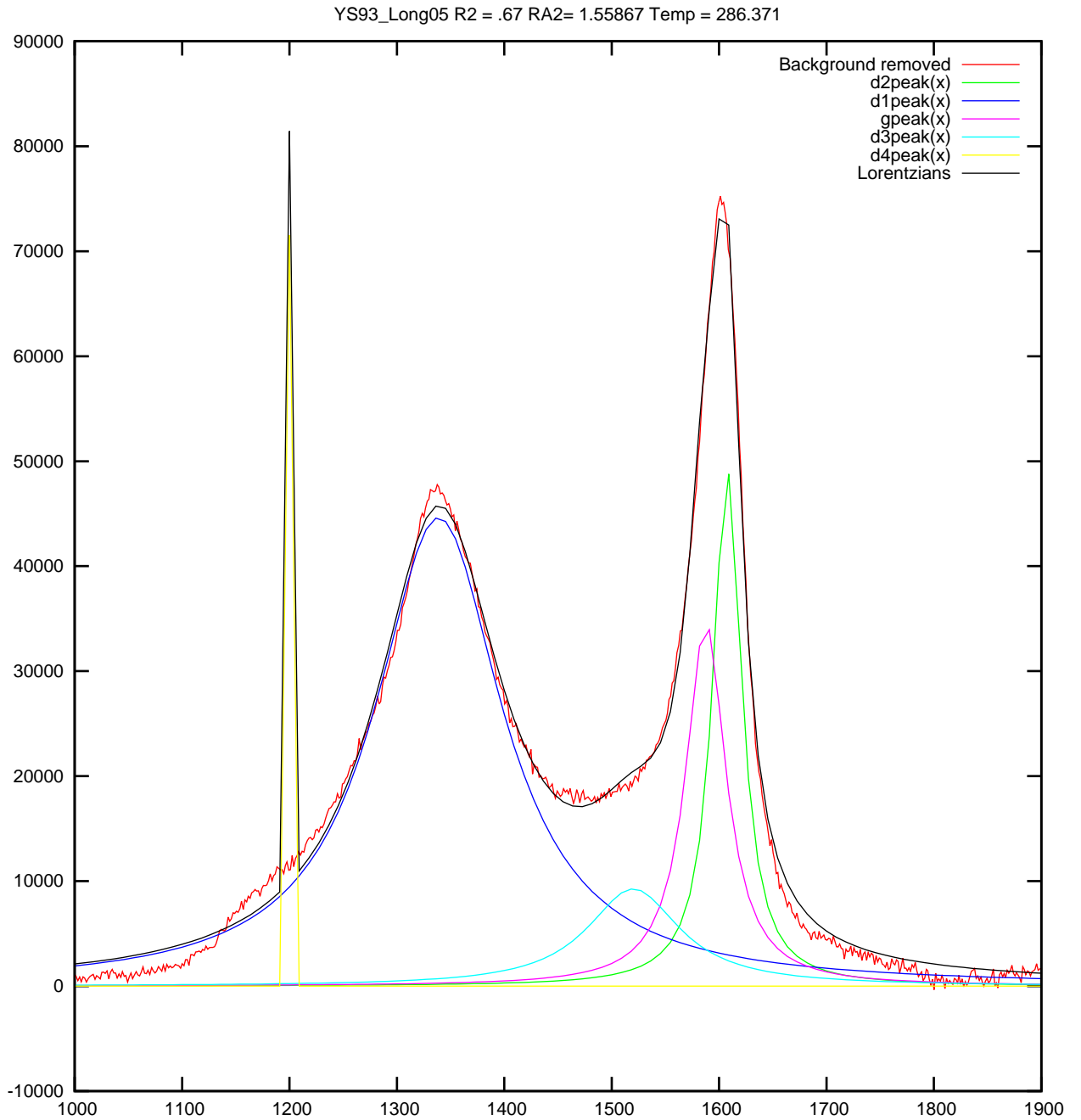
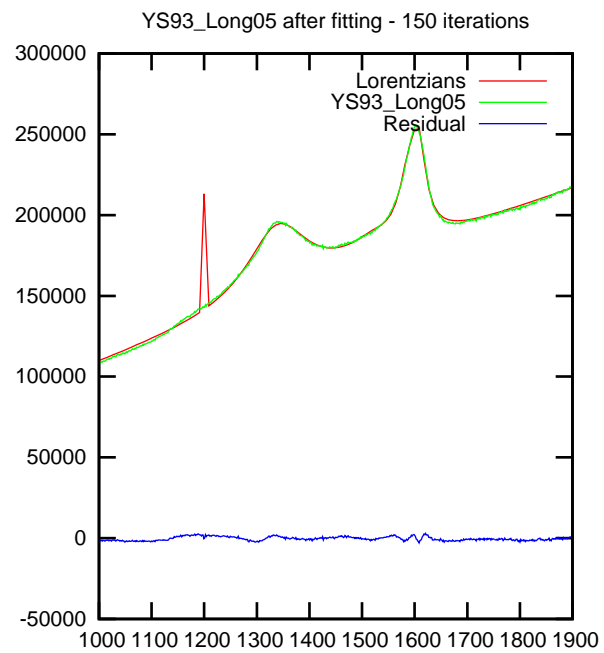
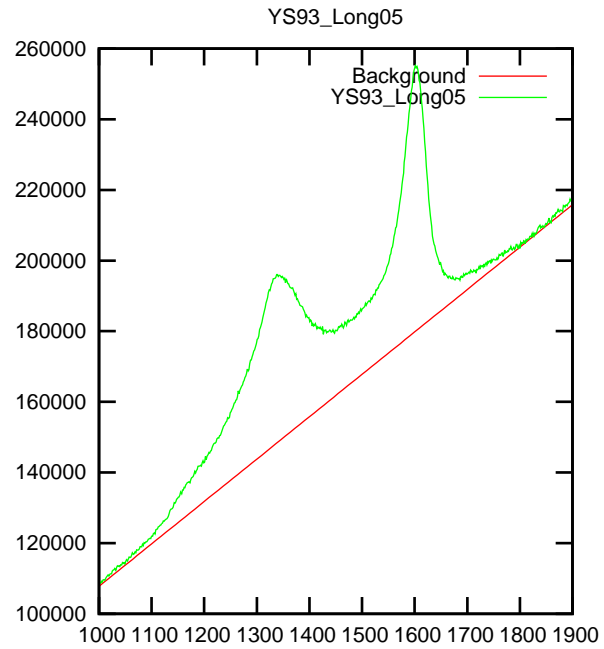


YS93_Long035 after fitting - 199 iterations

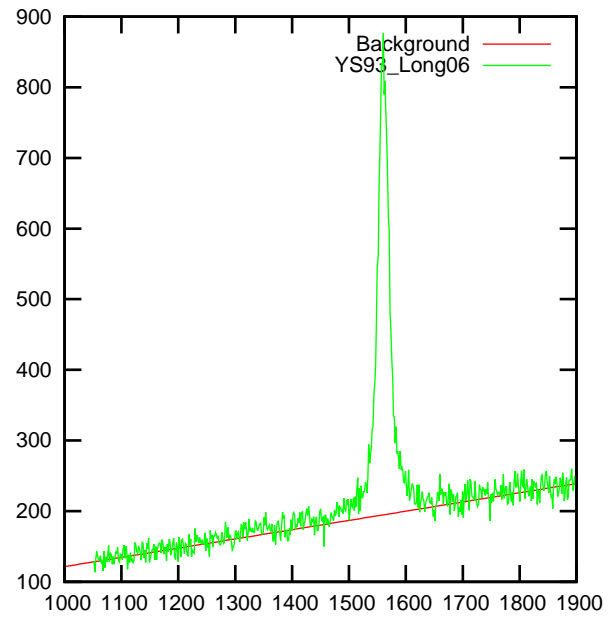




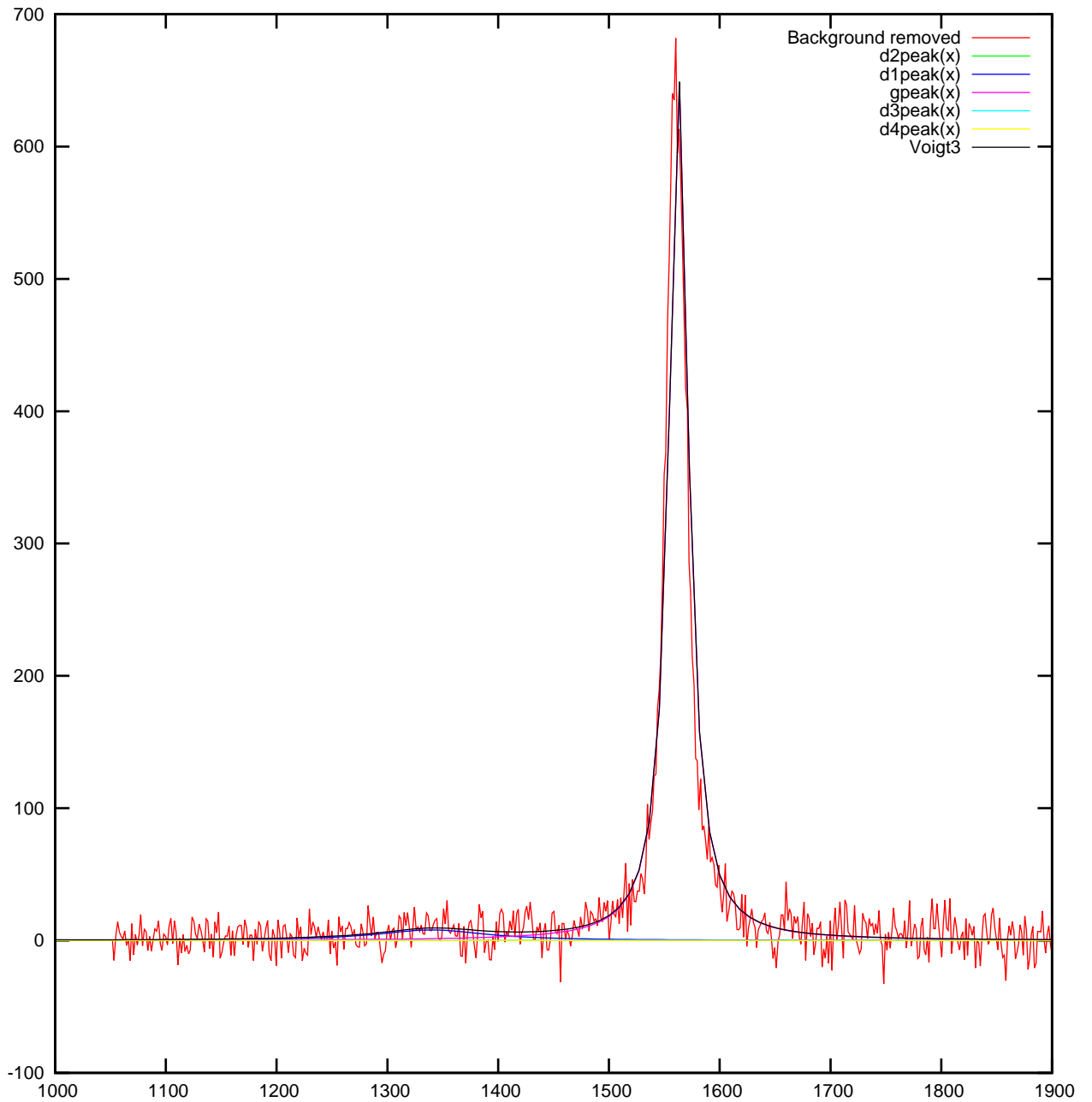




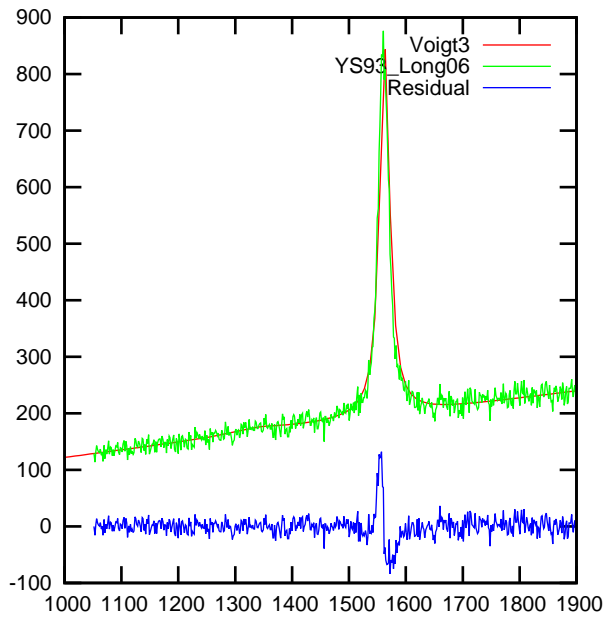
YS93_Long06



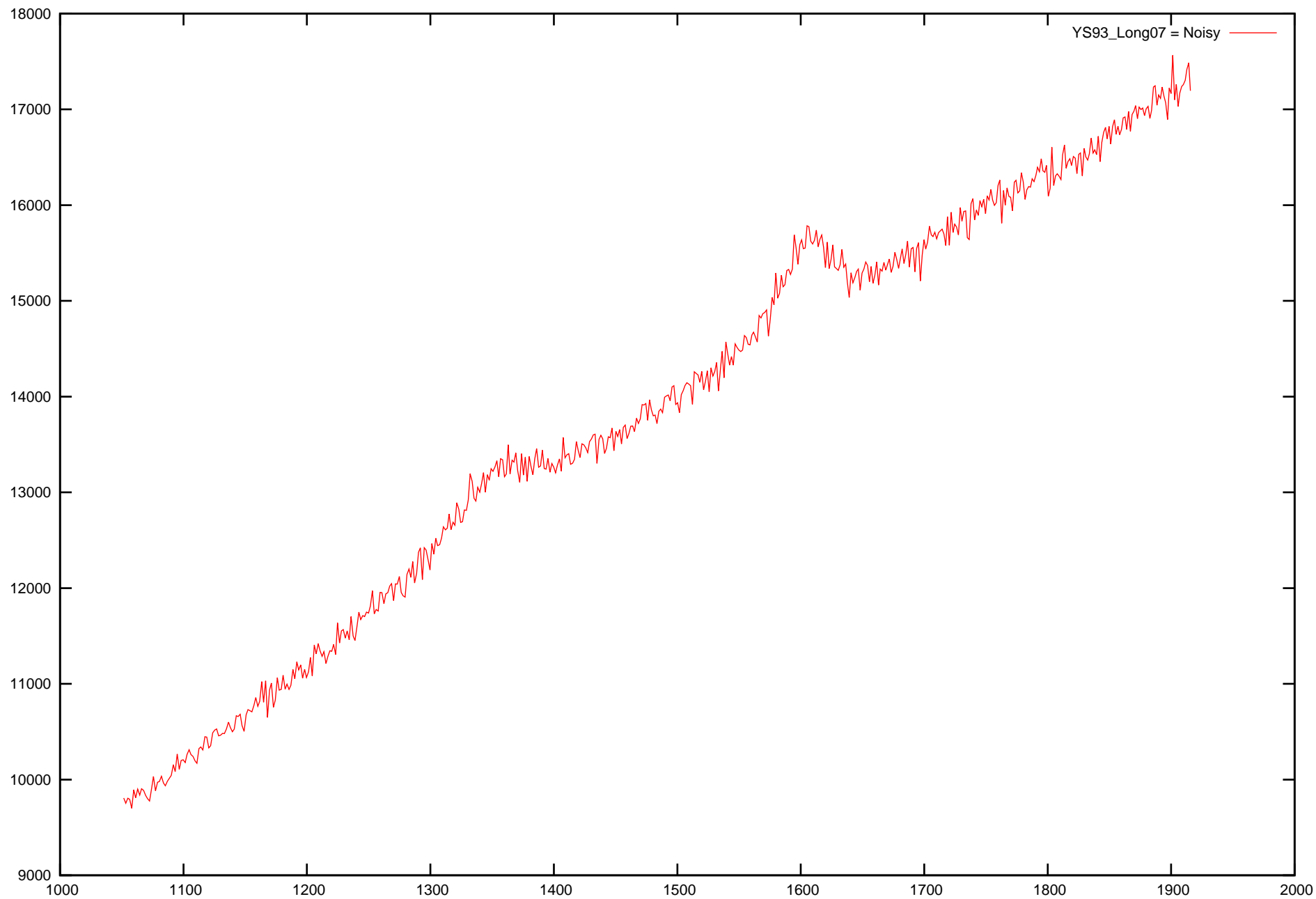
YS93_Long06 R2 = .06 RA2= na Temp = 611.843

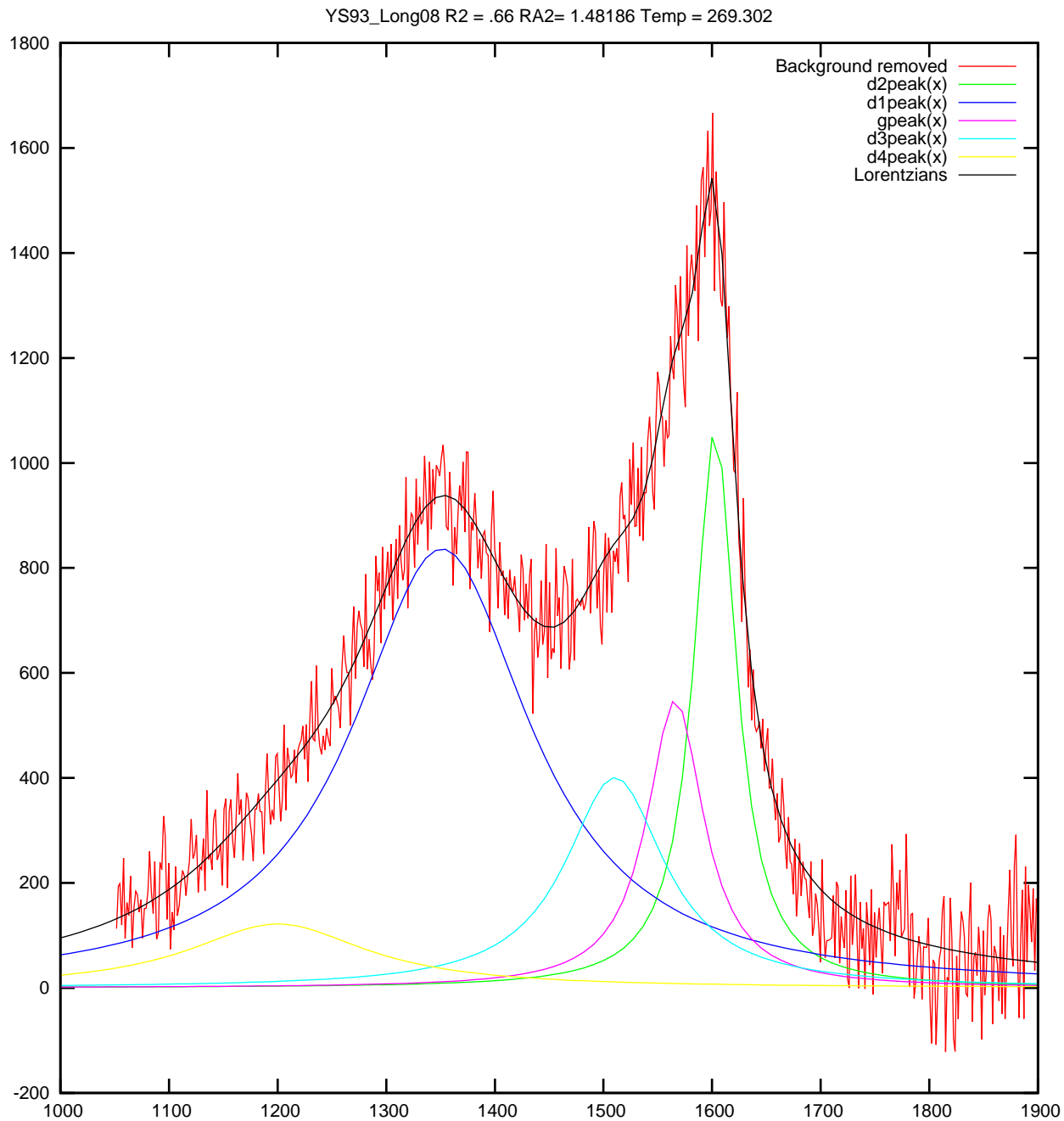
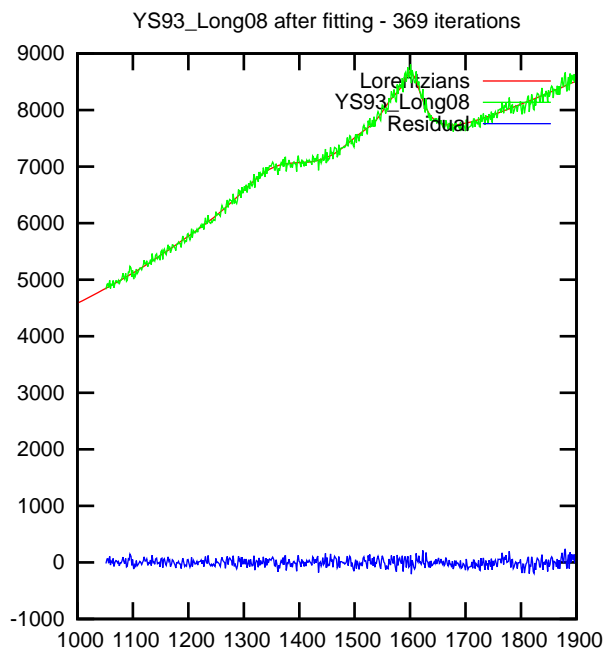
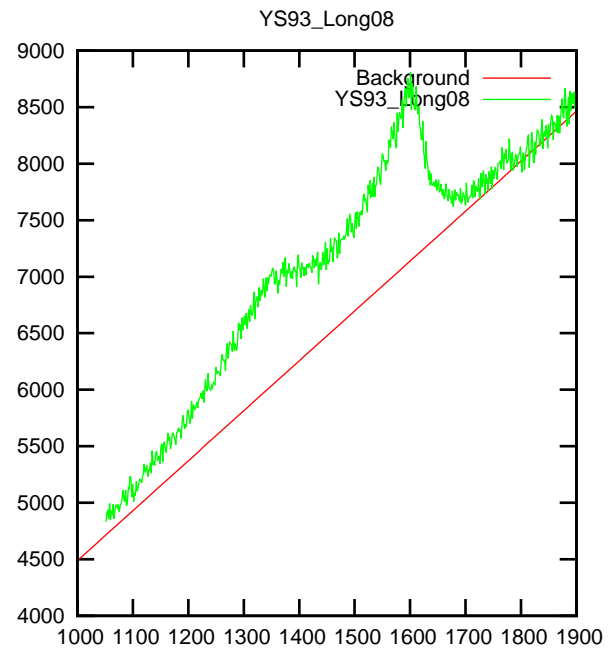


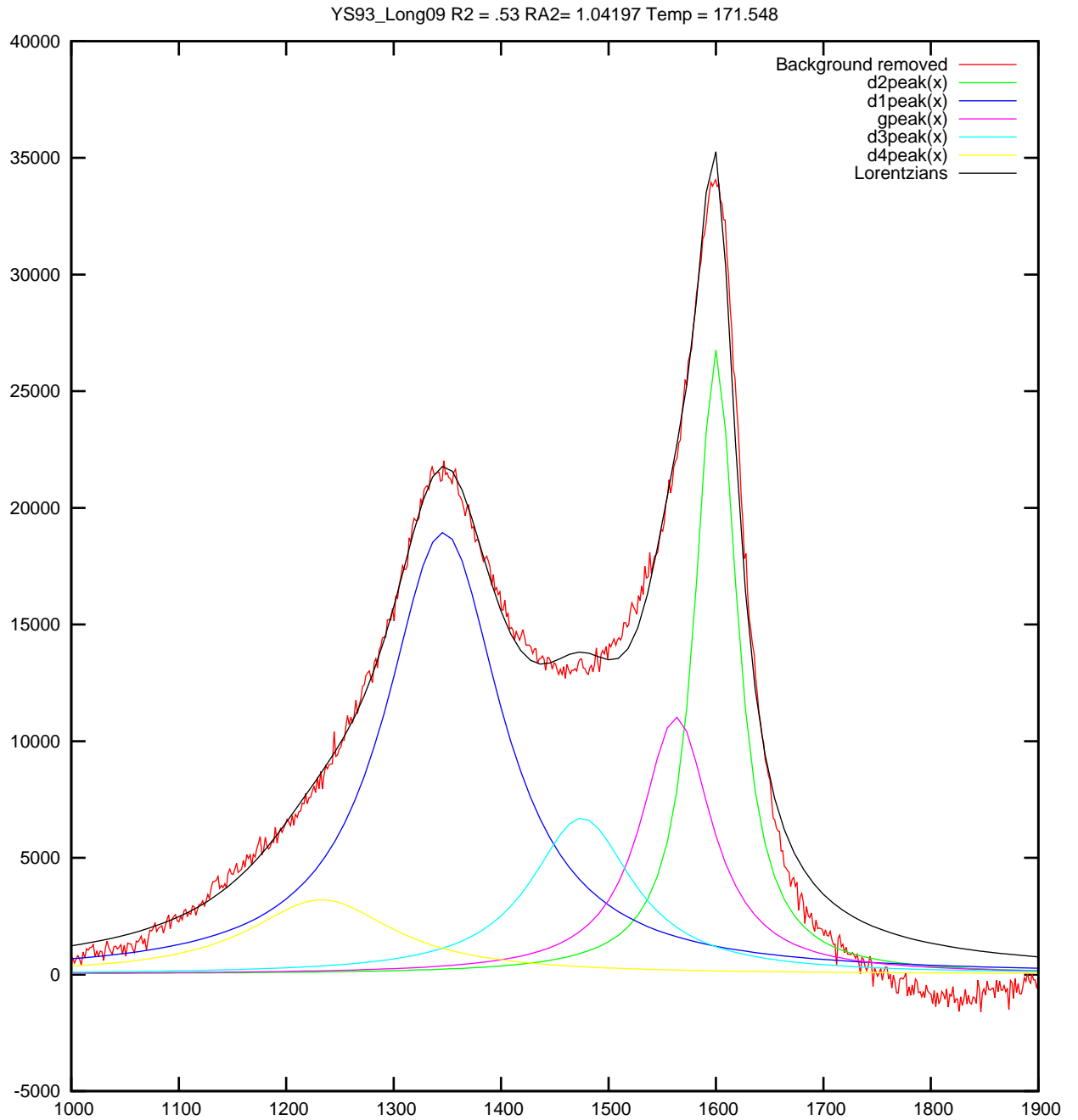
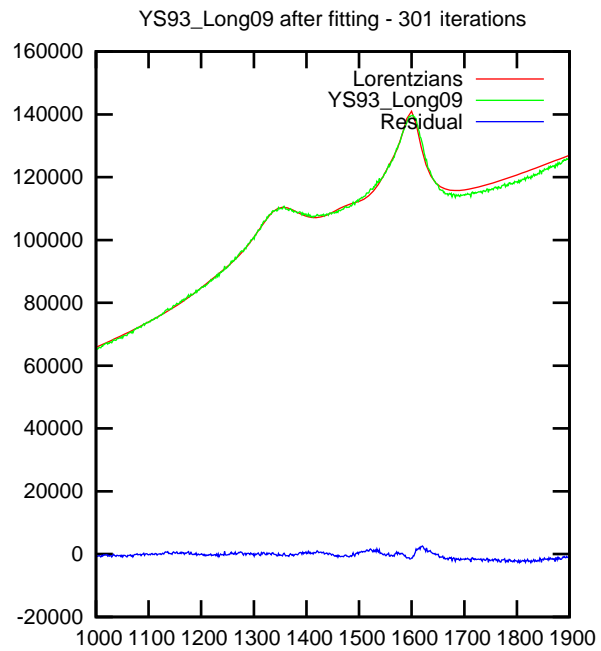
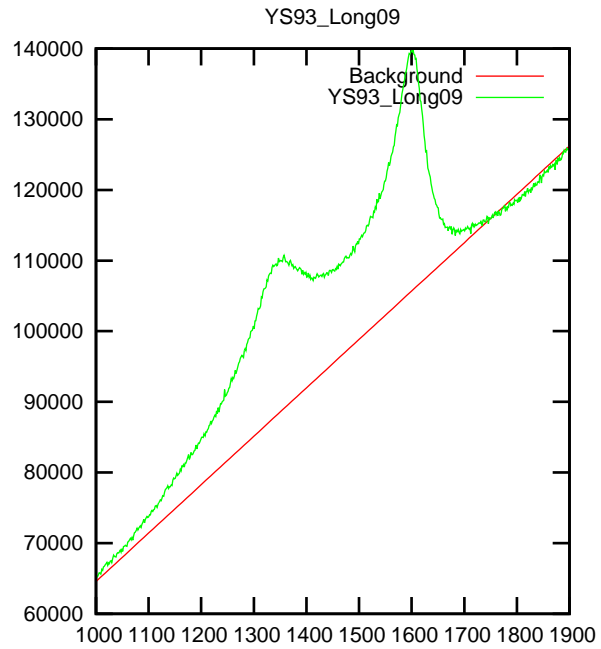
YS93_Long06 after fitting - 116 iterations



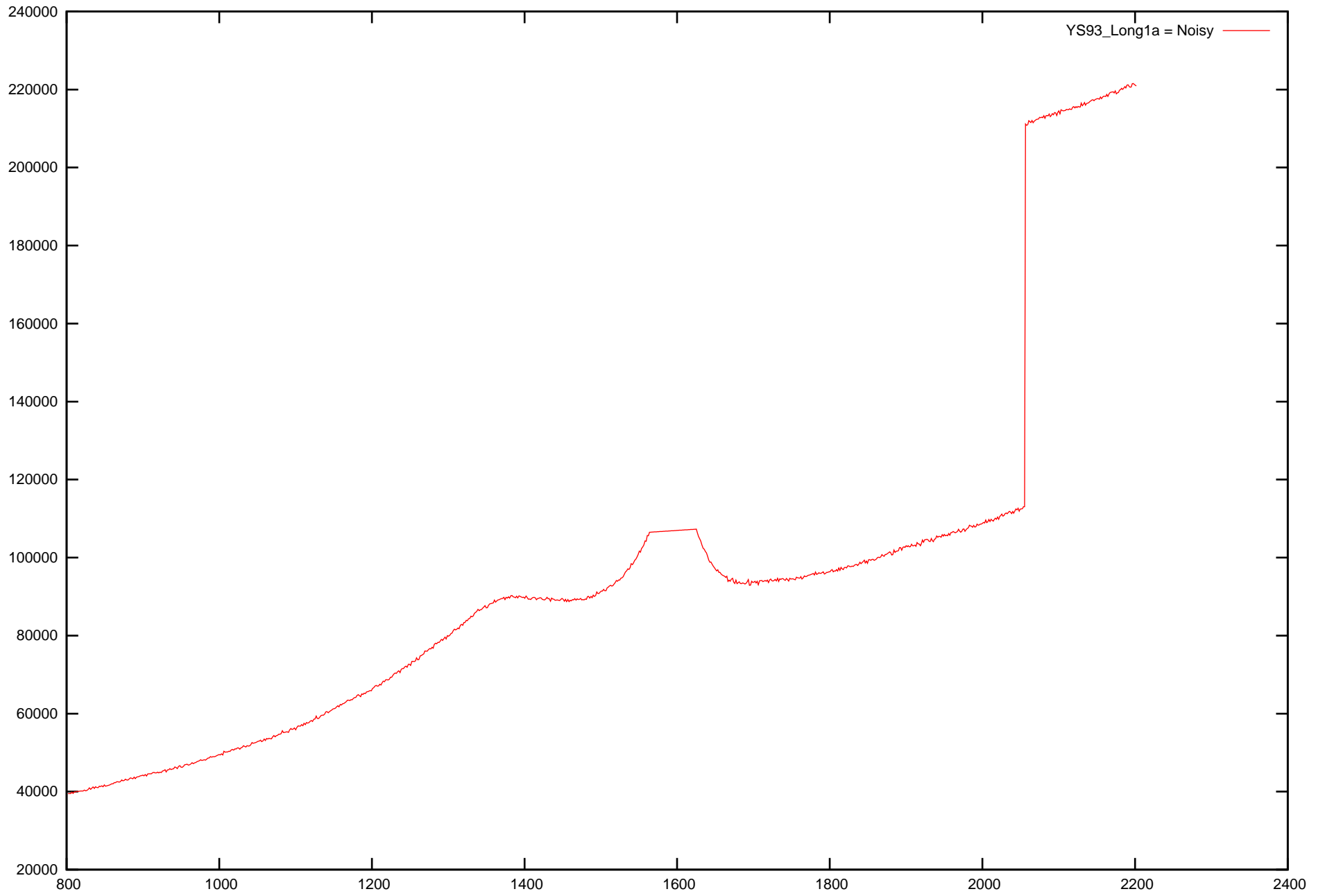
YS93_Long07 = Noisy



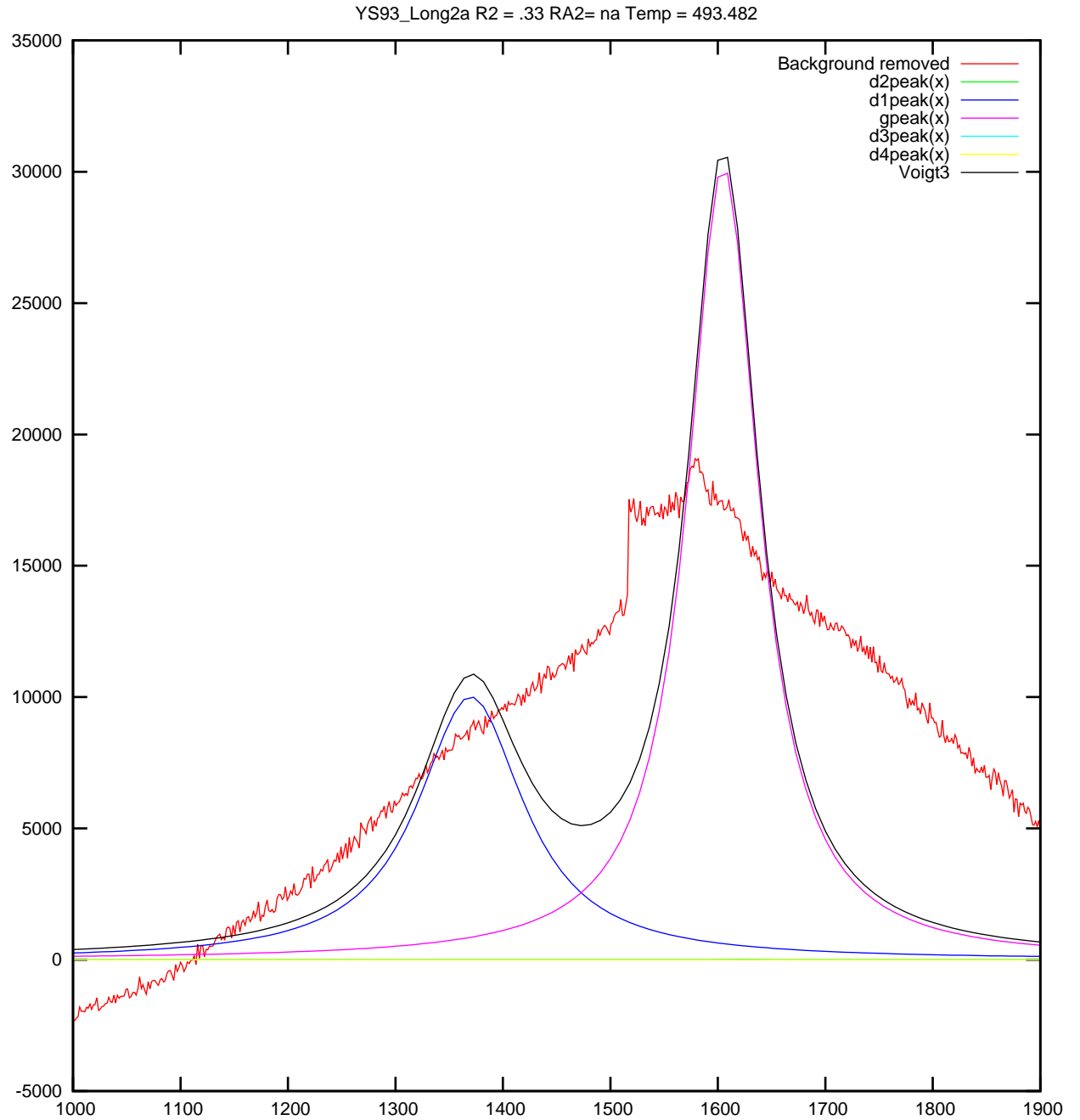
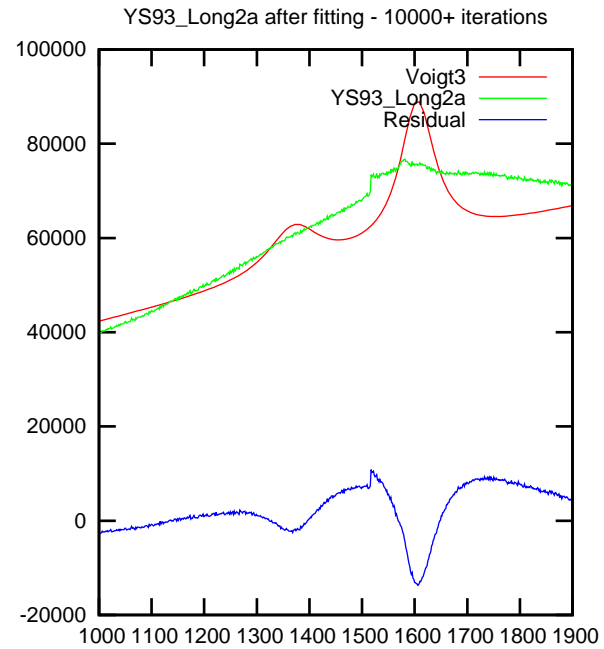
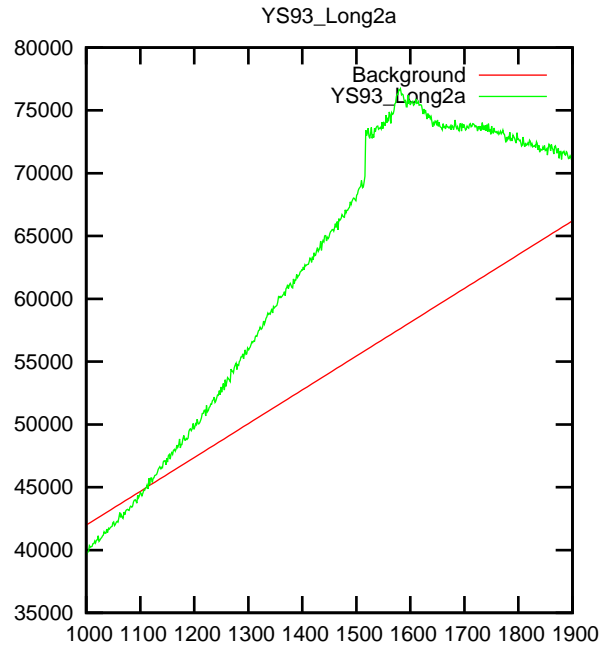


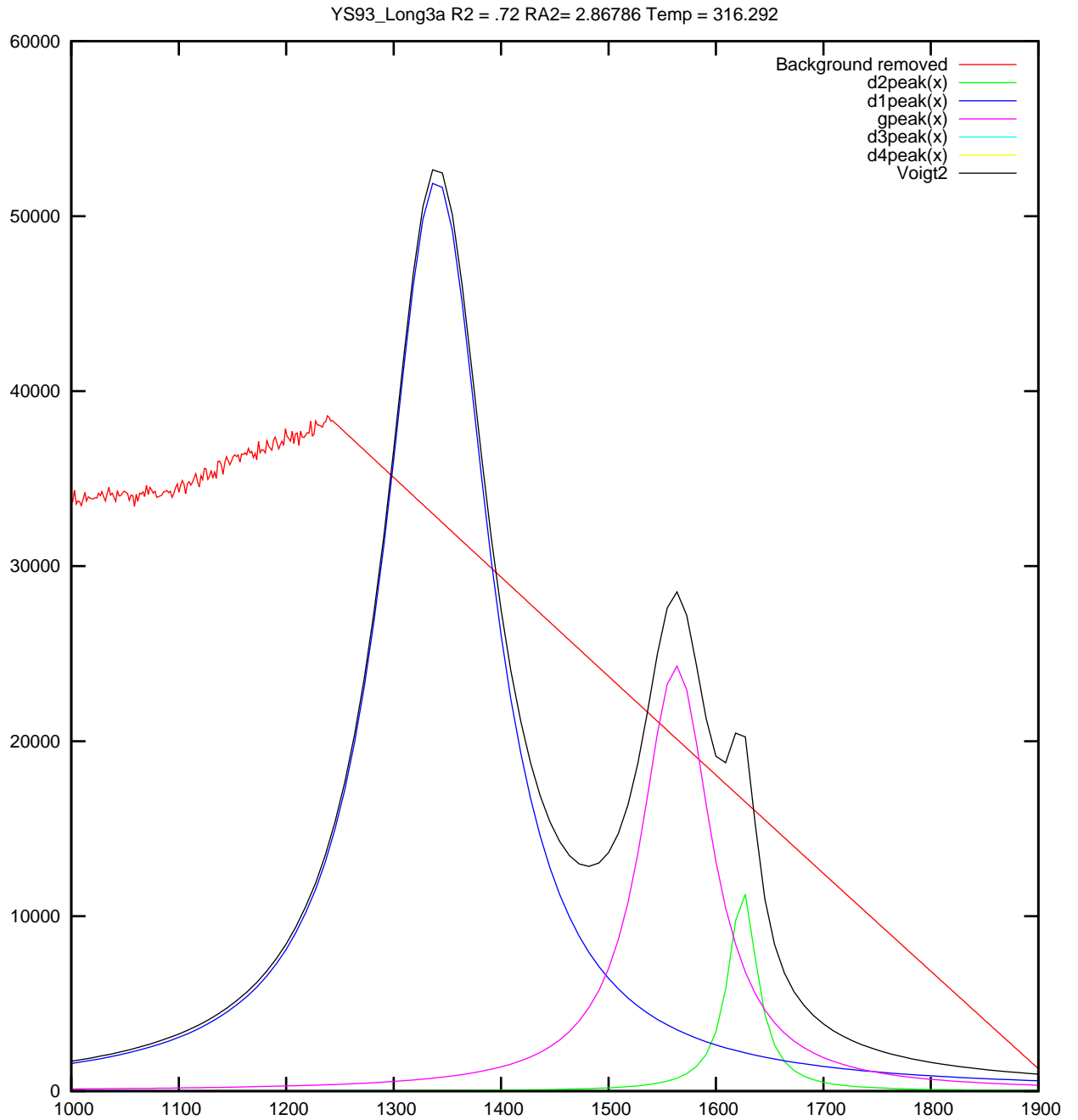
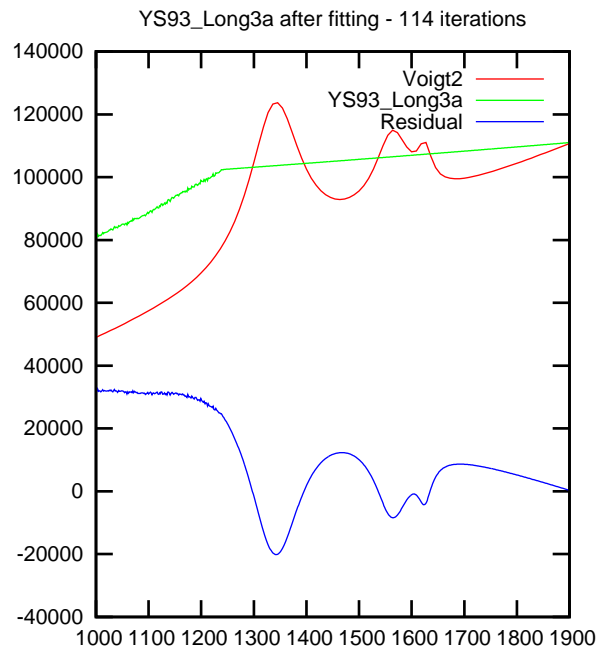
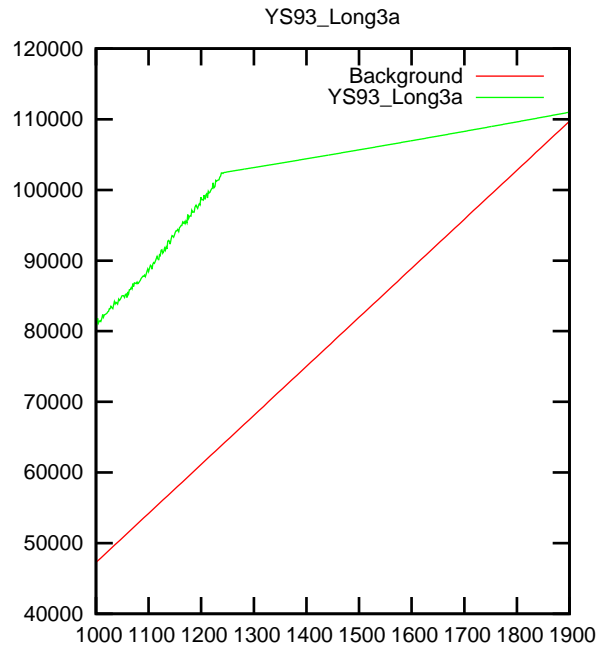


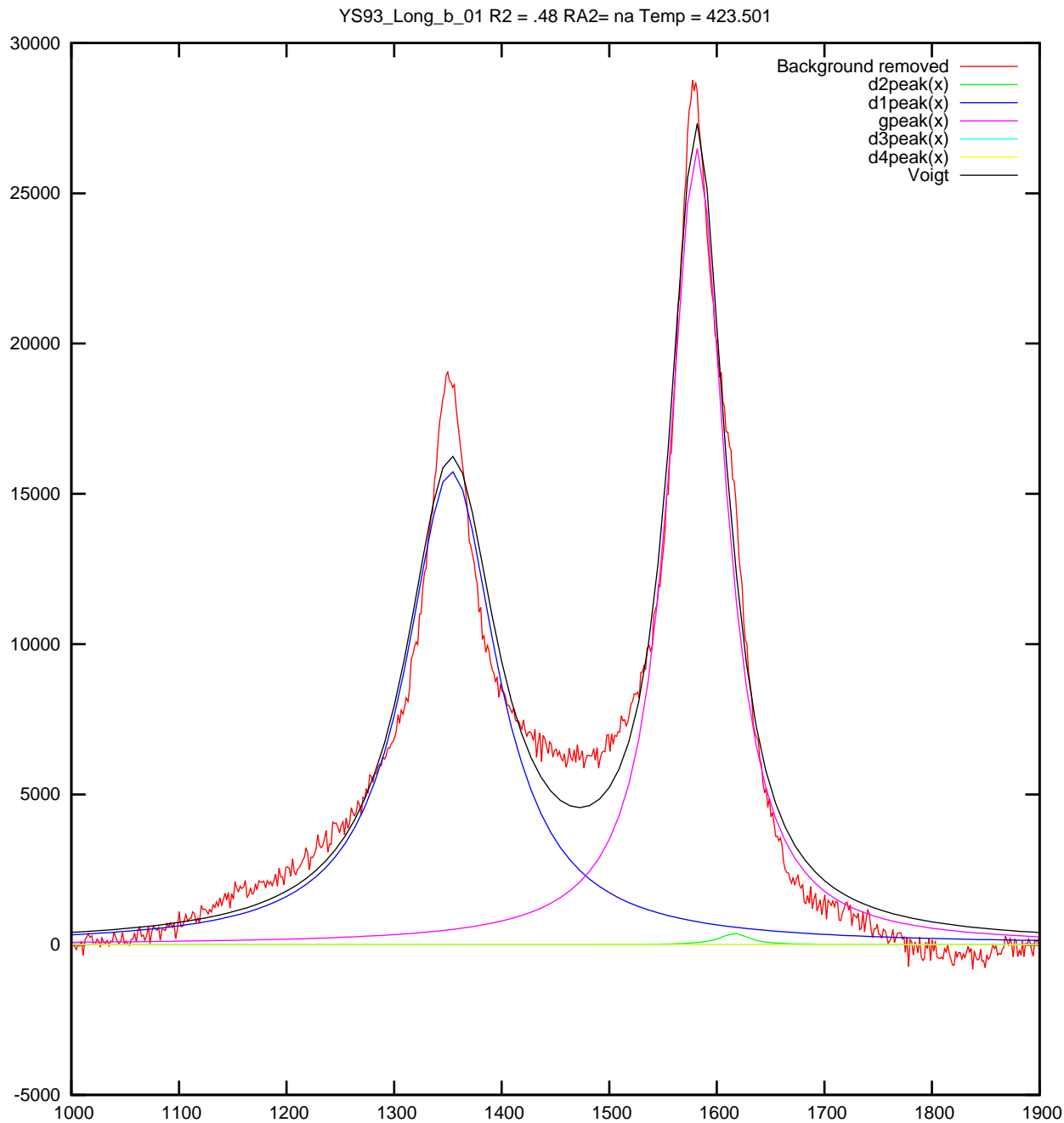
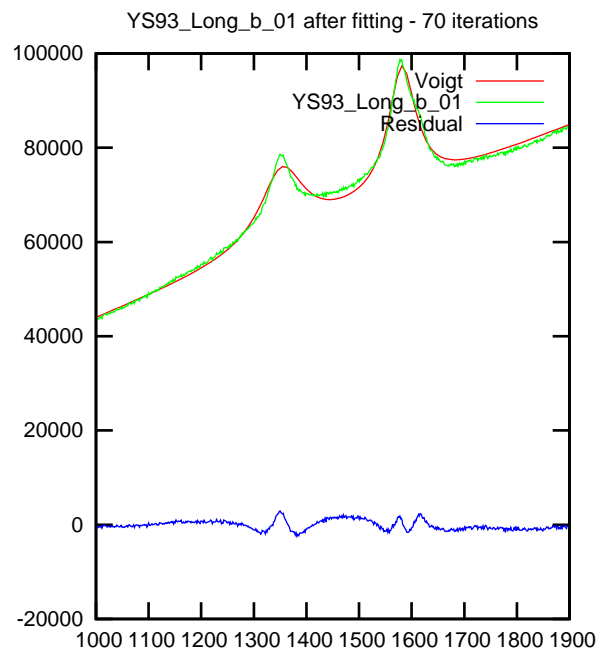
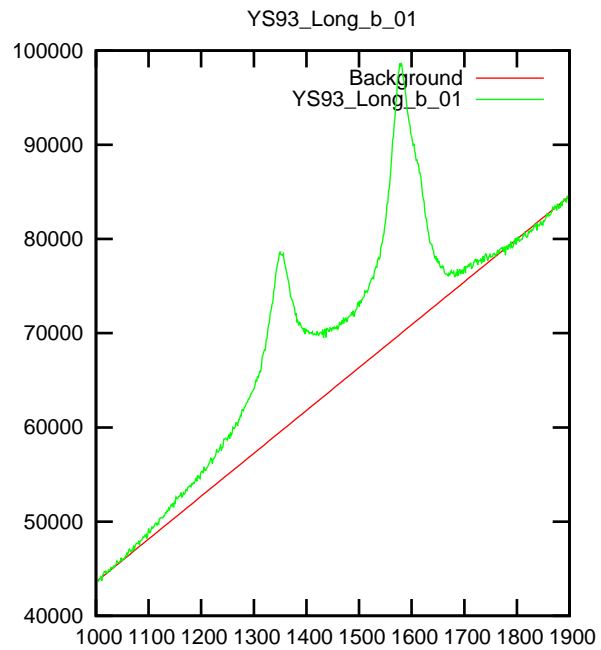
YS93_Long1a = Noisy

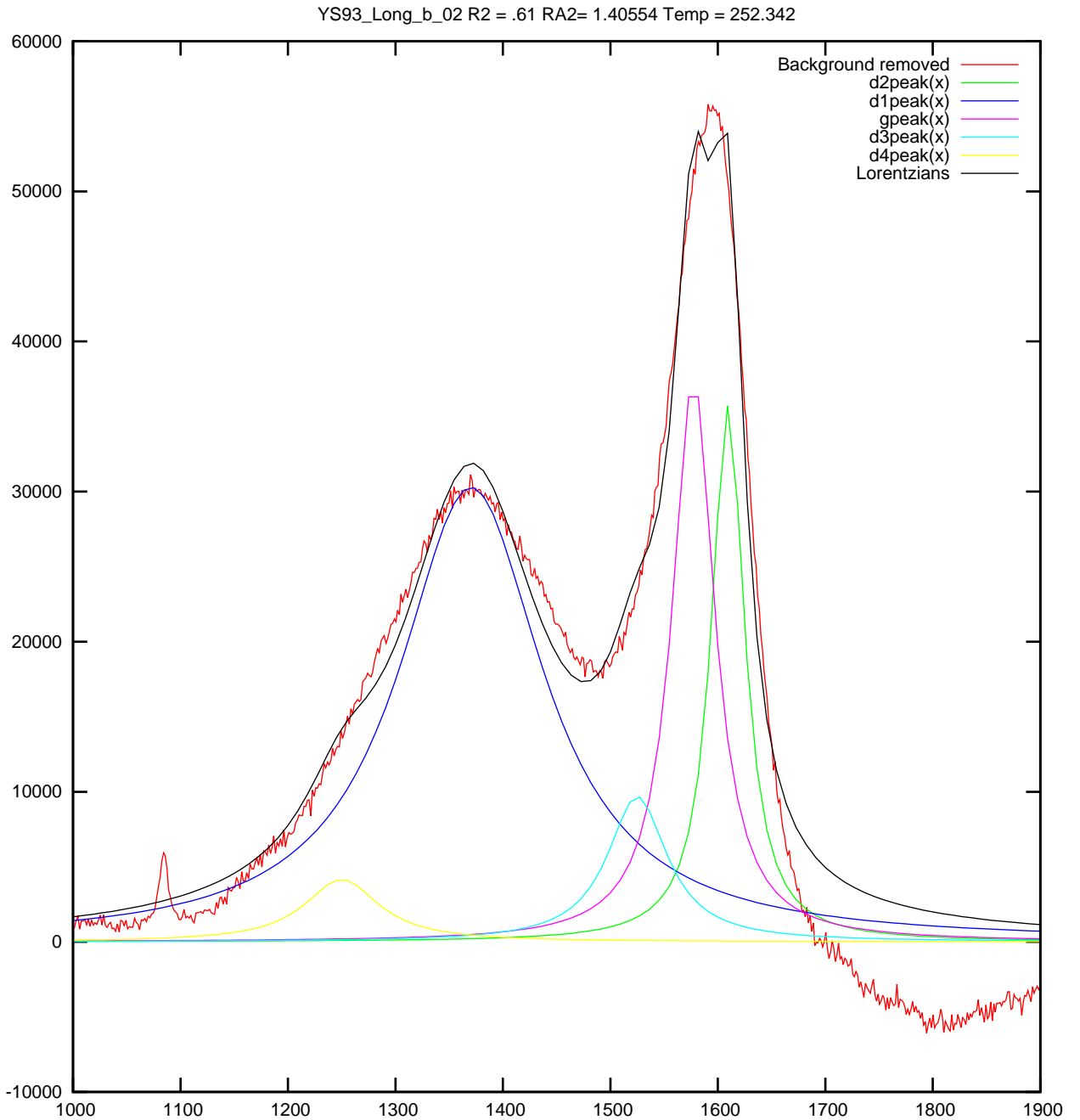
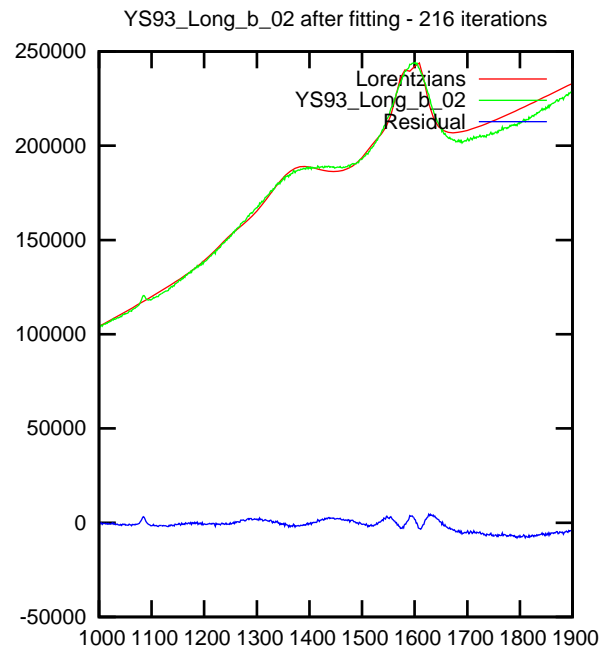
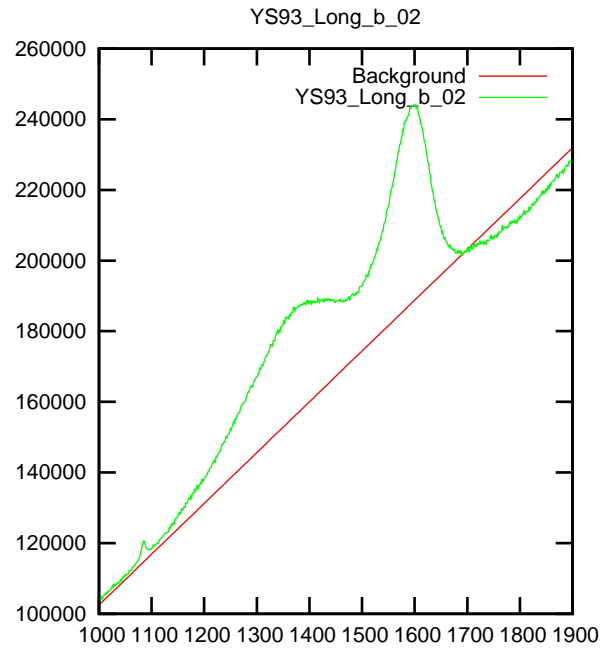


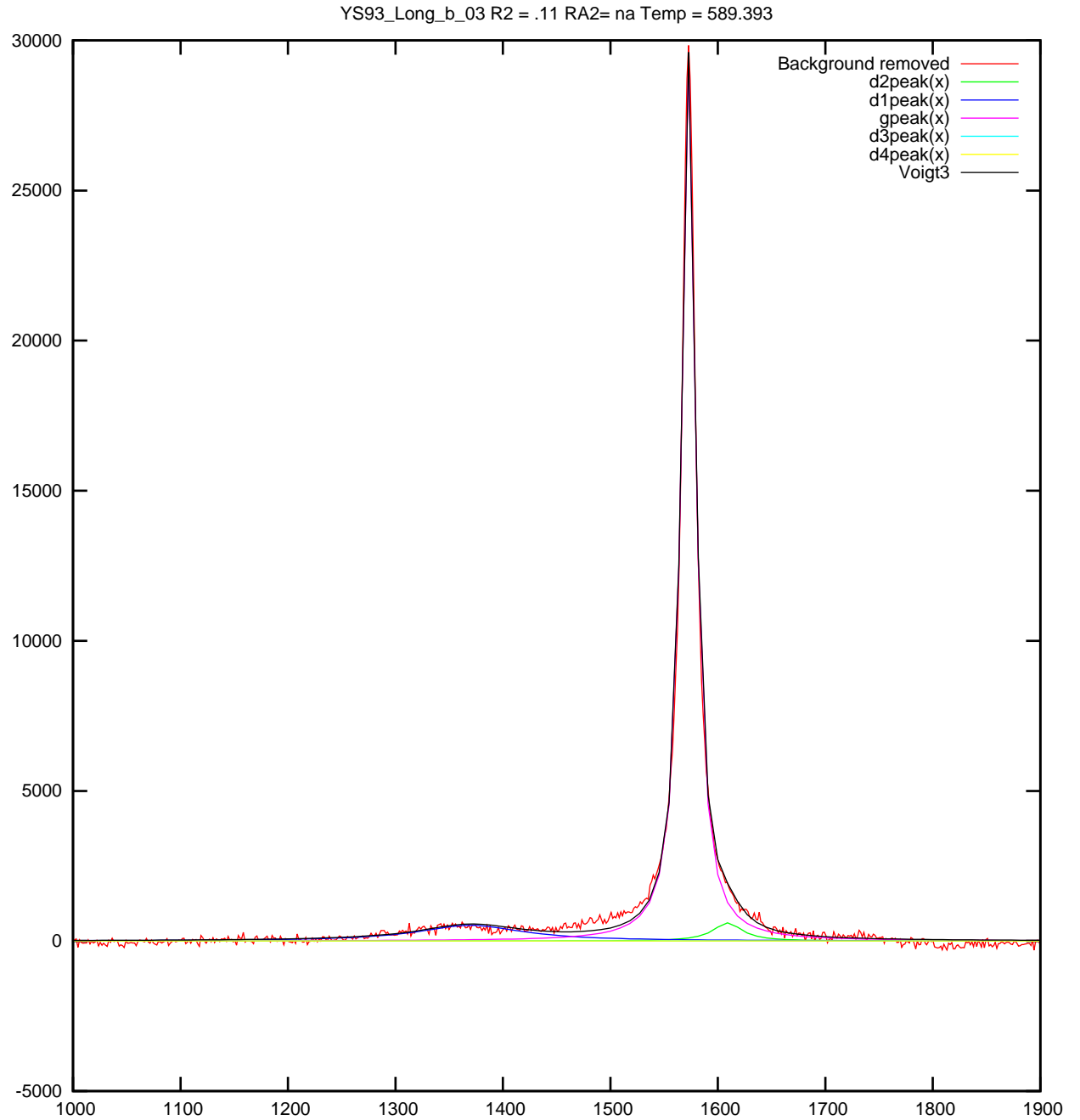
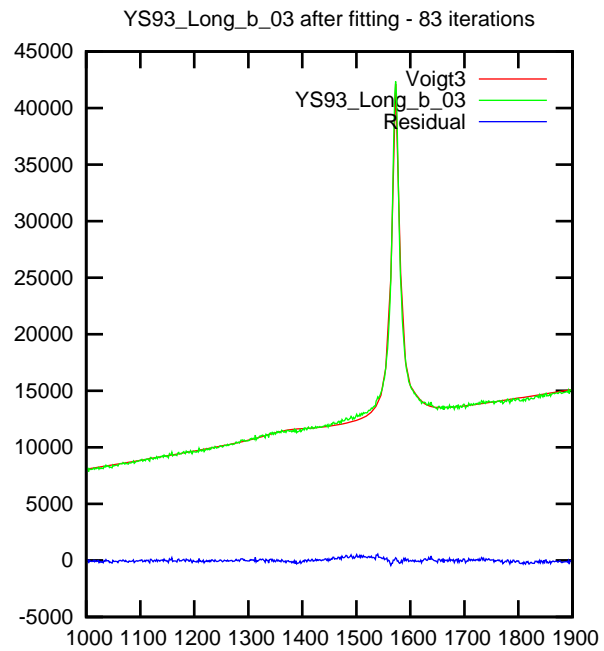
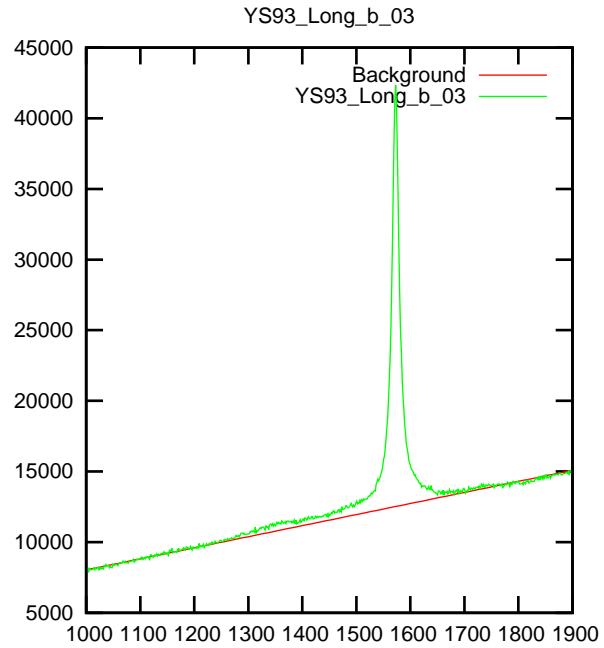
YS93_Long1a = Noisy

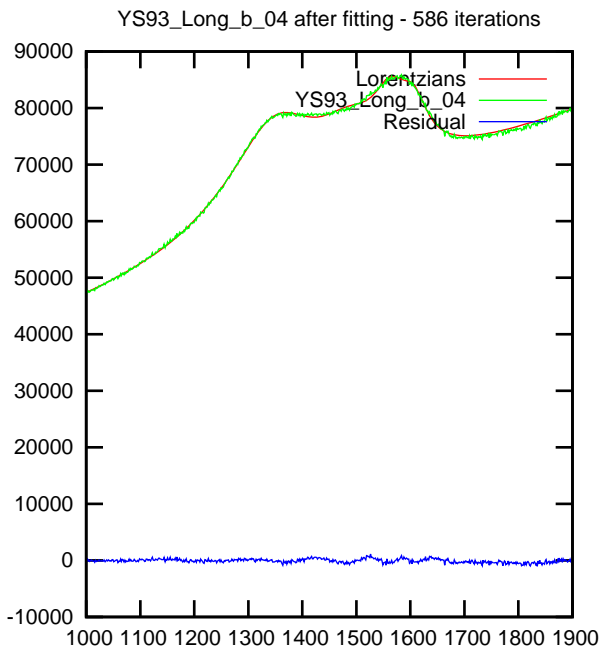
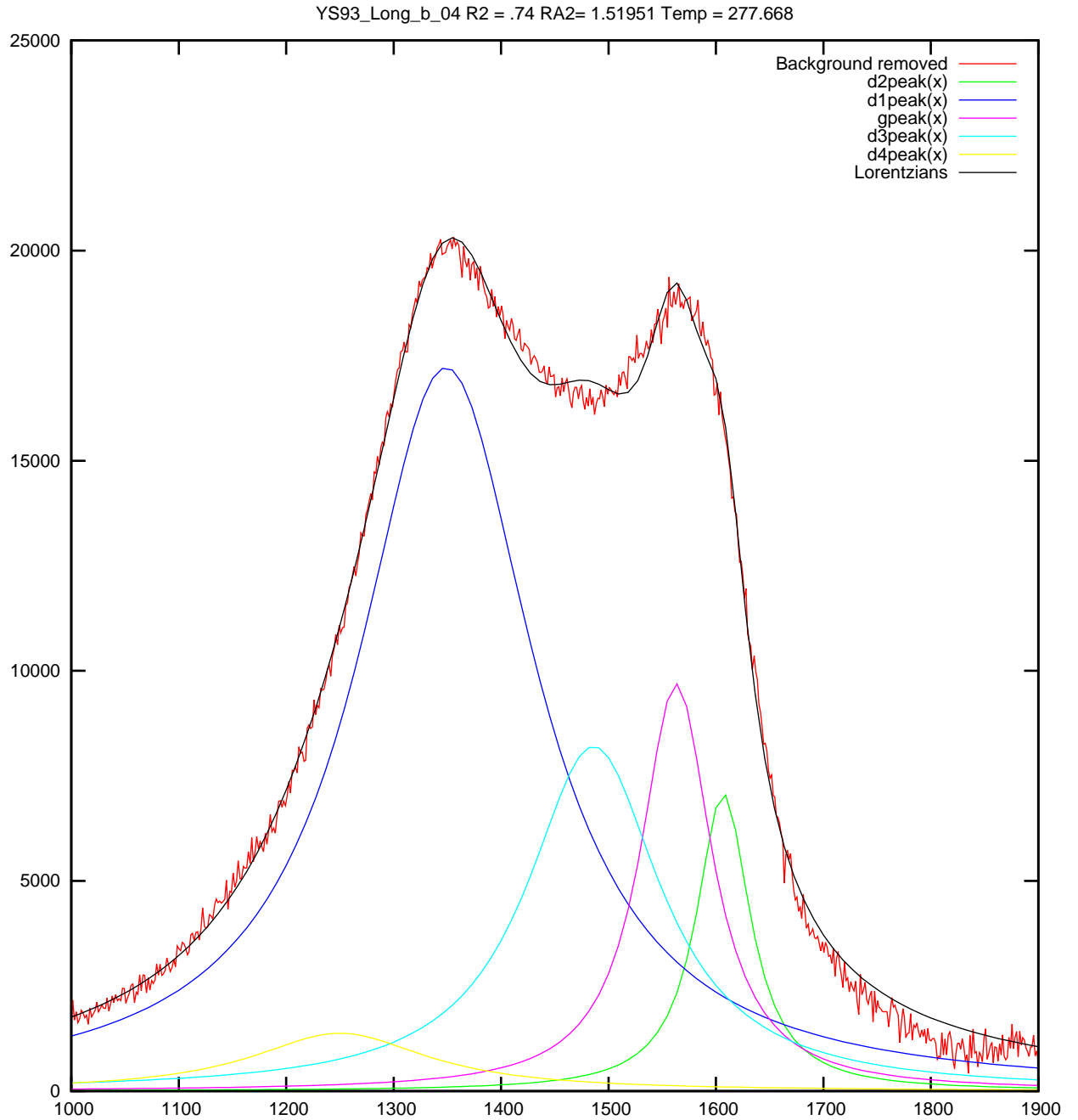
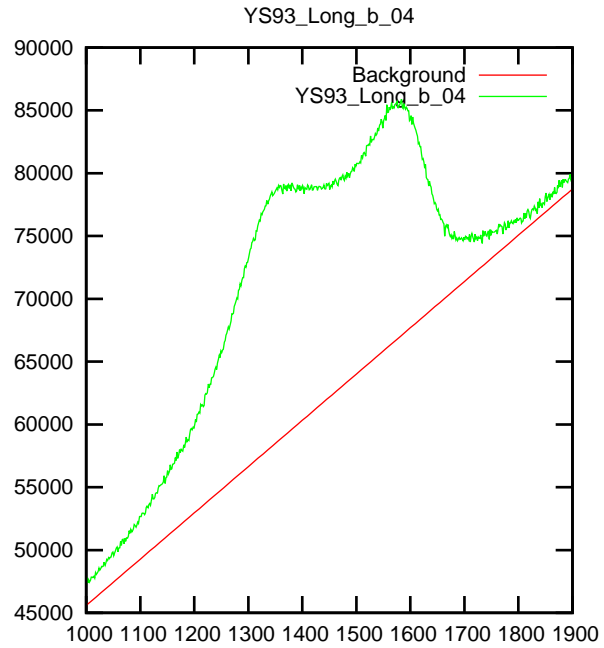


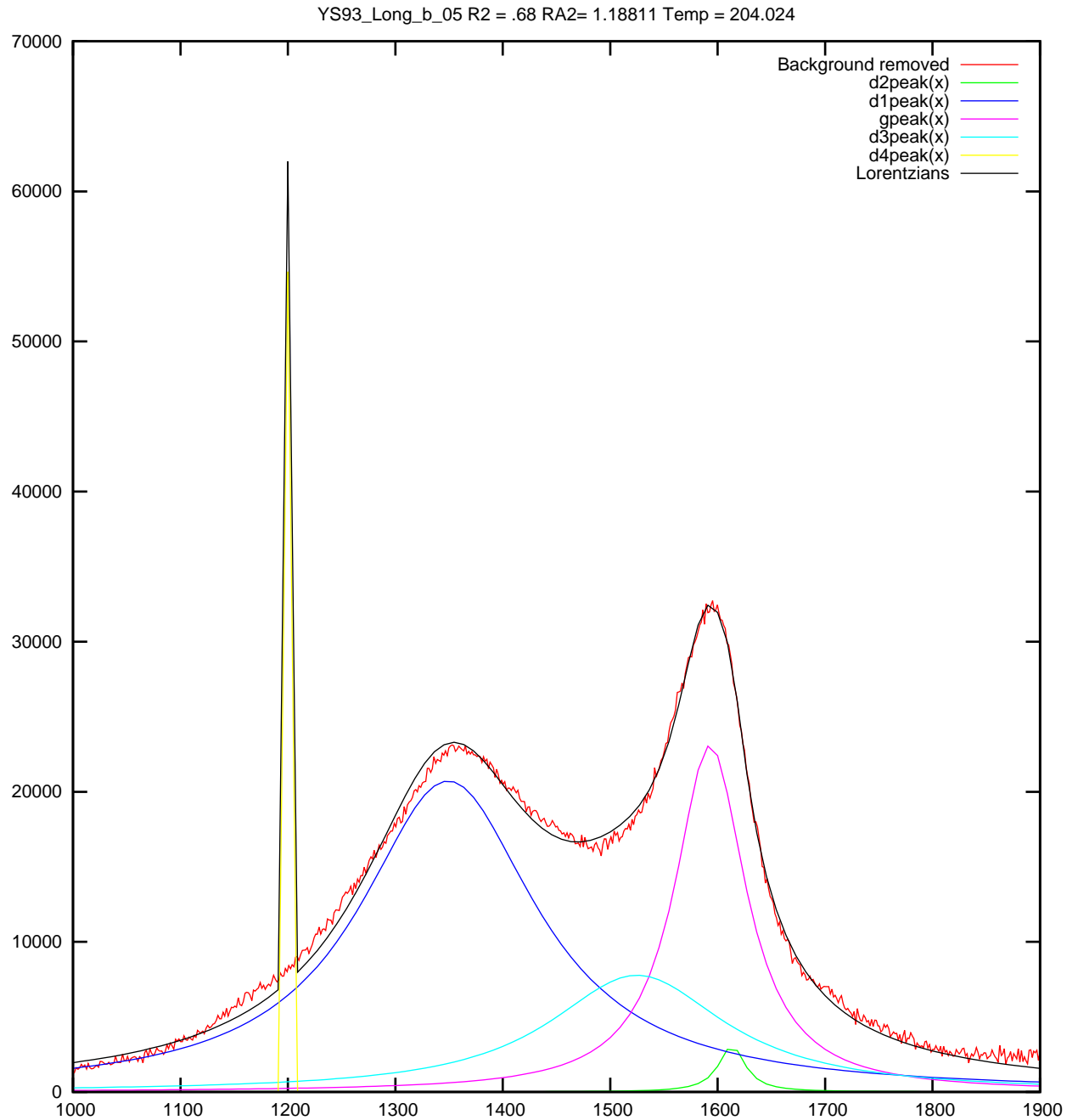
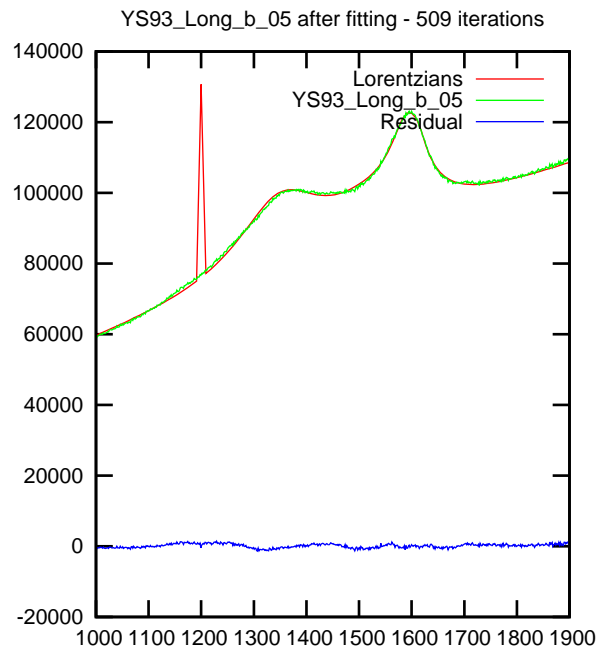
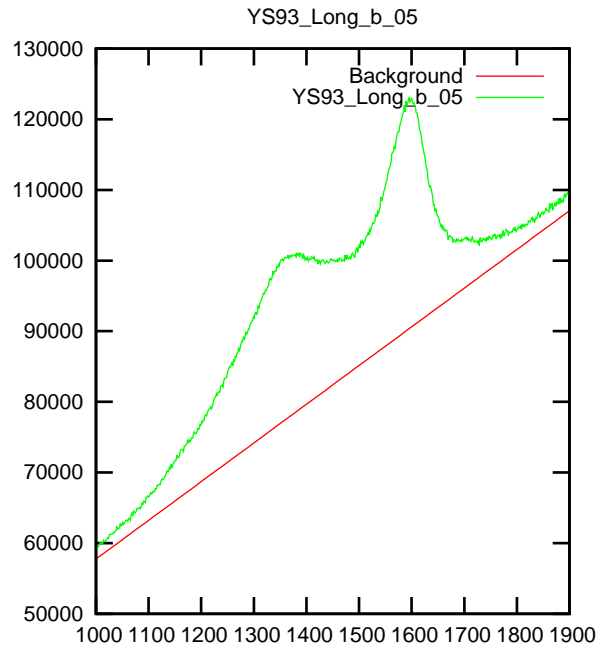


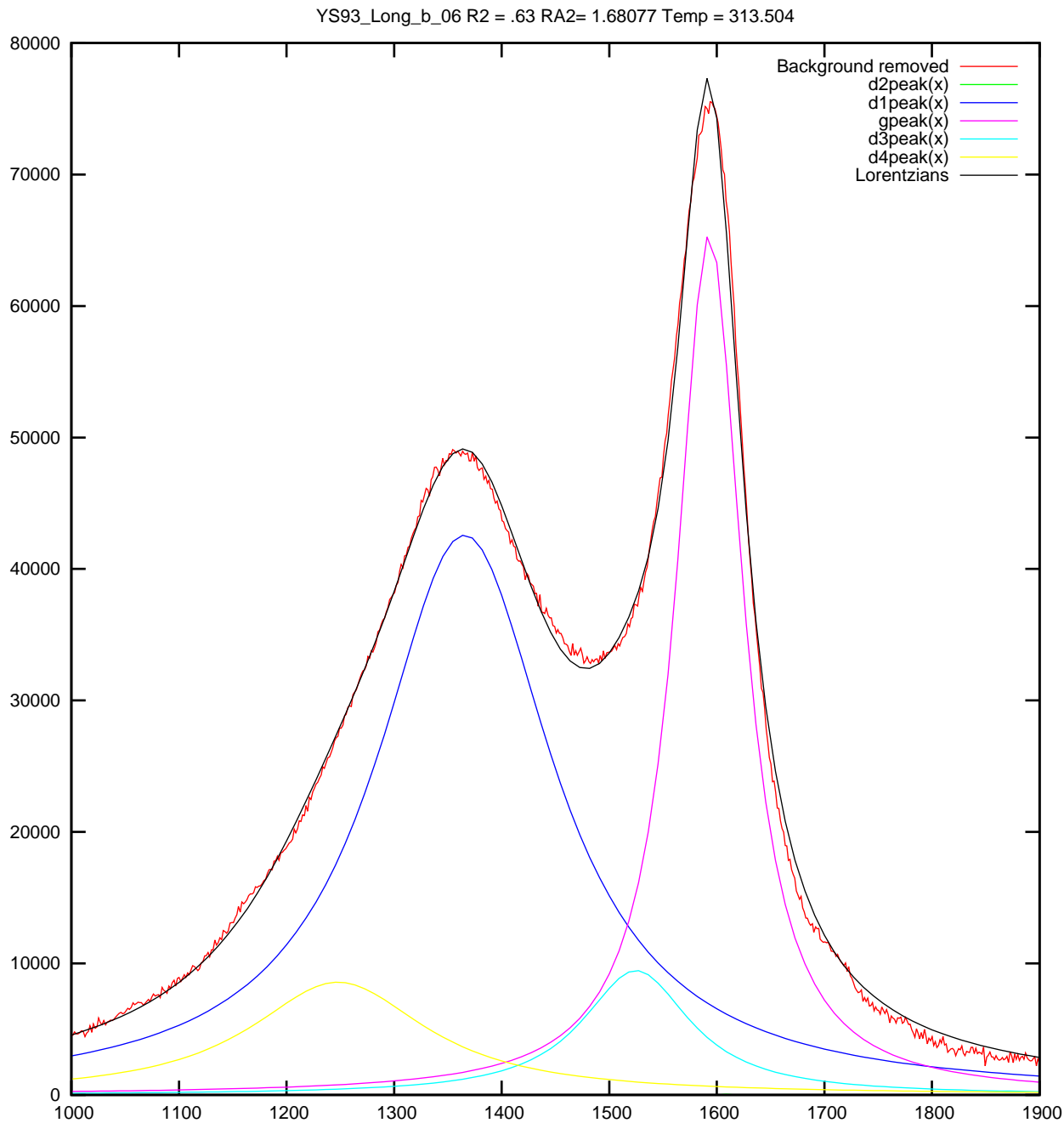
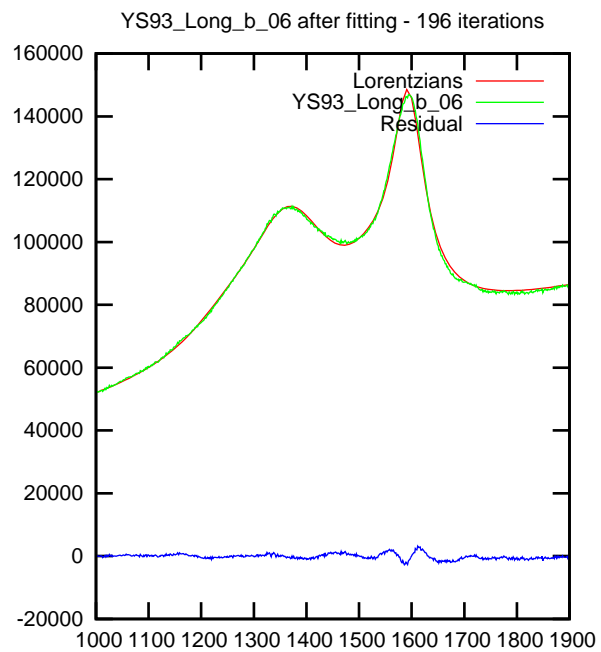
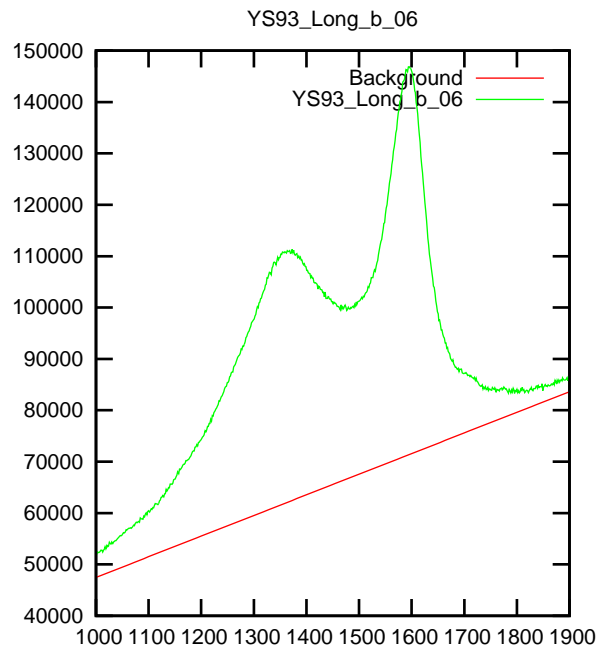




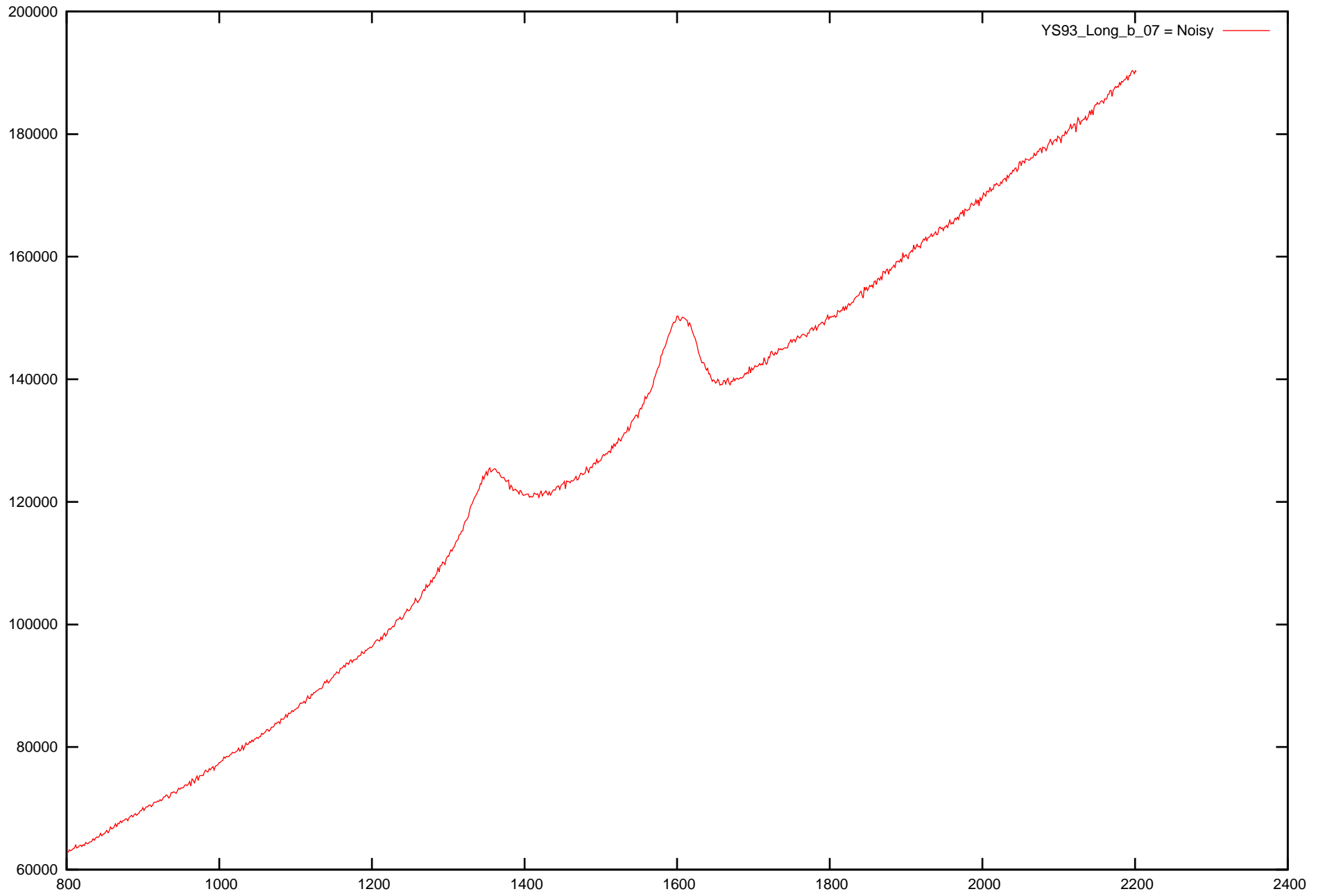






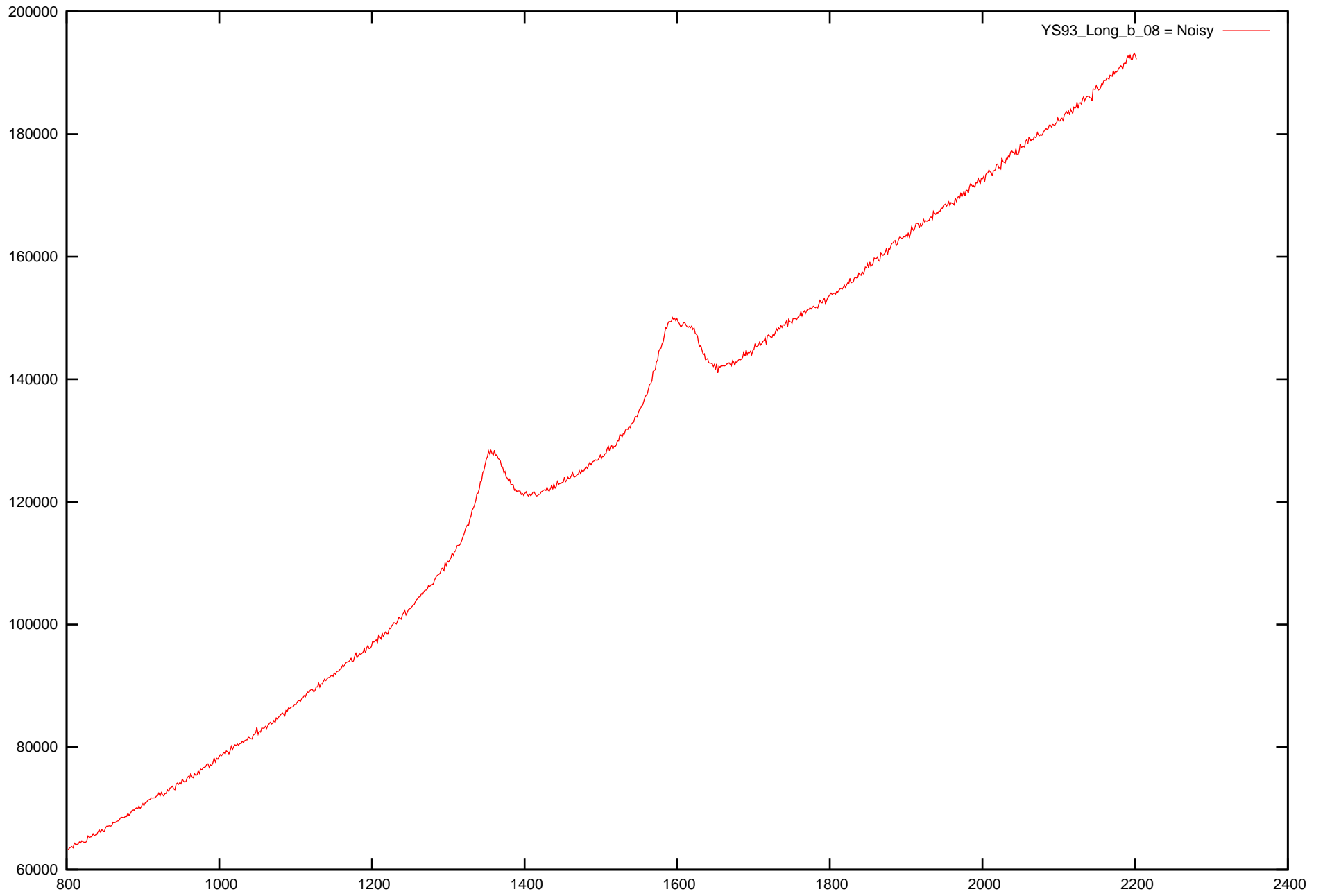


YS93_Long_b_07 = Noisy



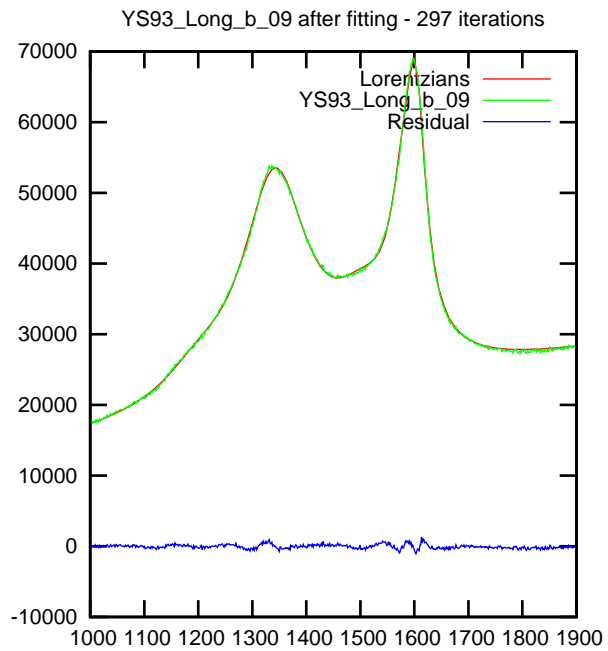
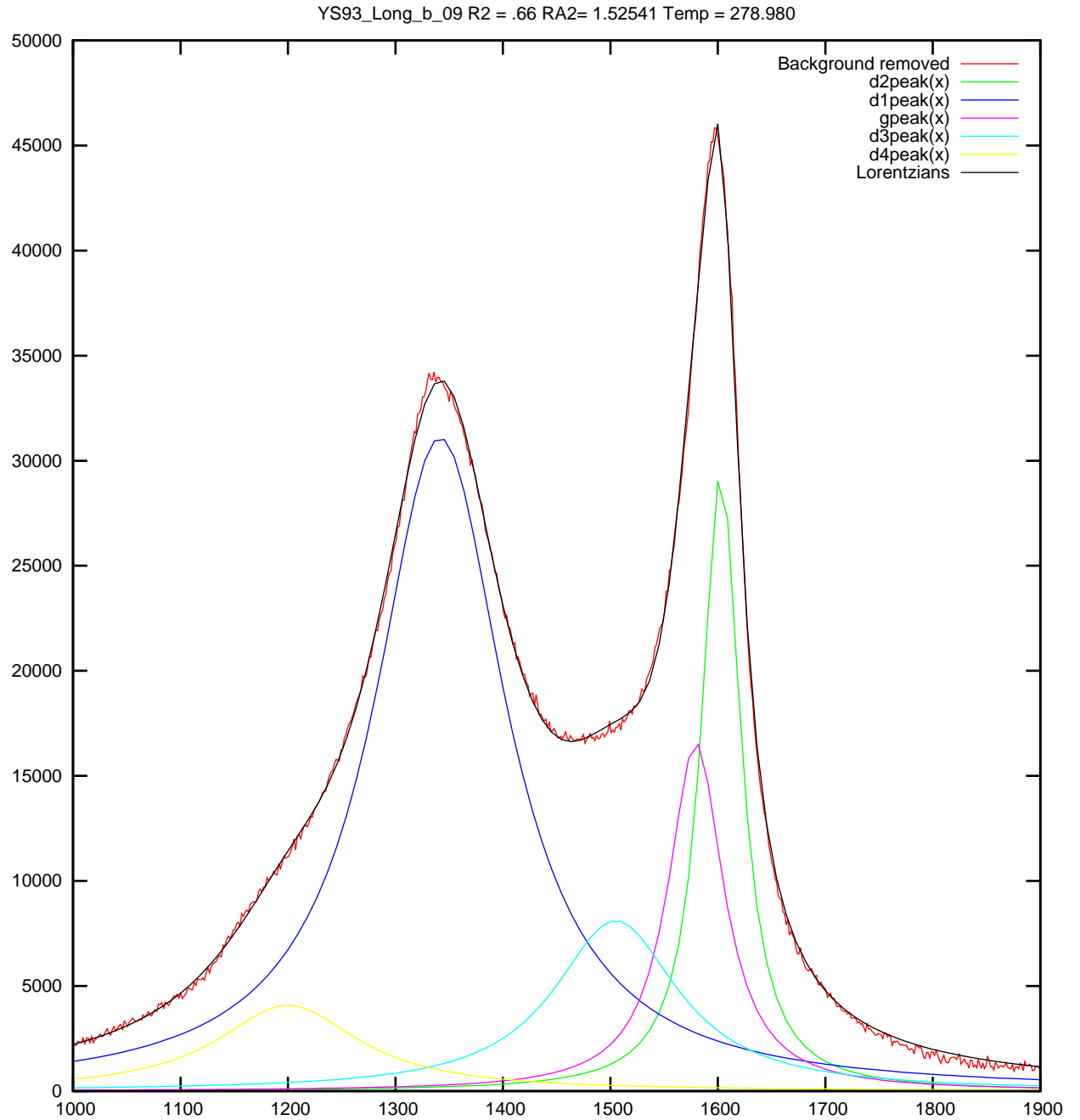
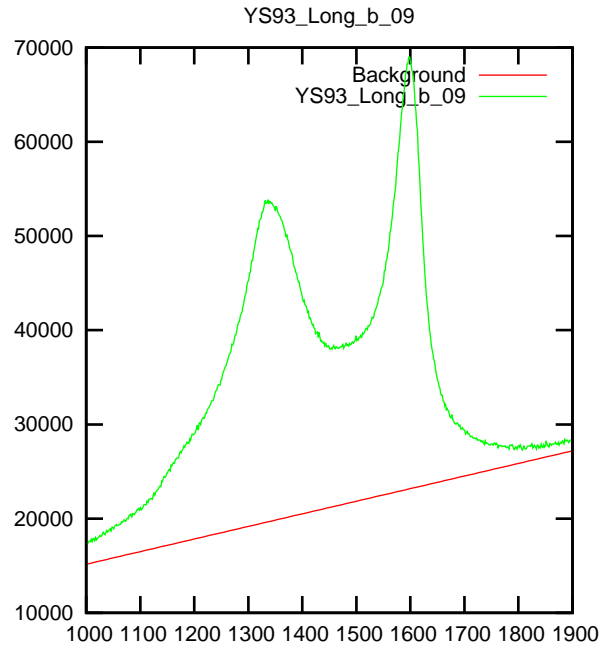
YS93_Long_b_07 = Noisy

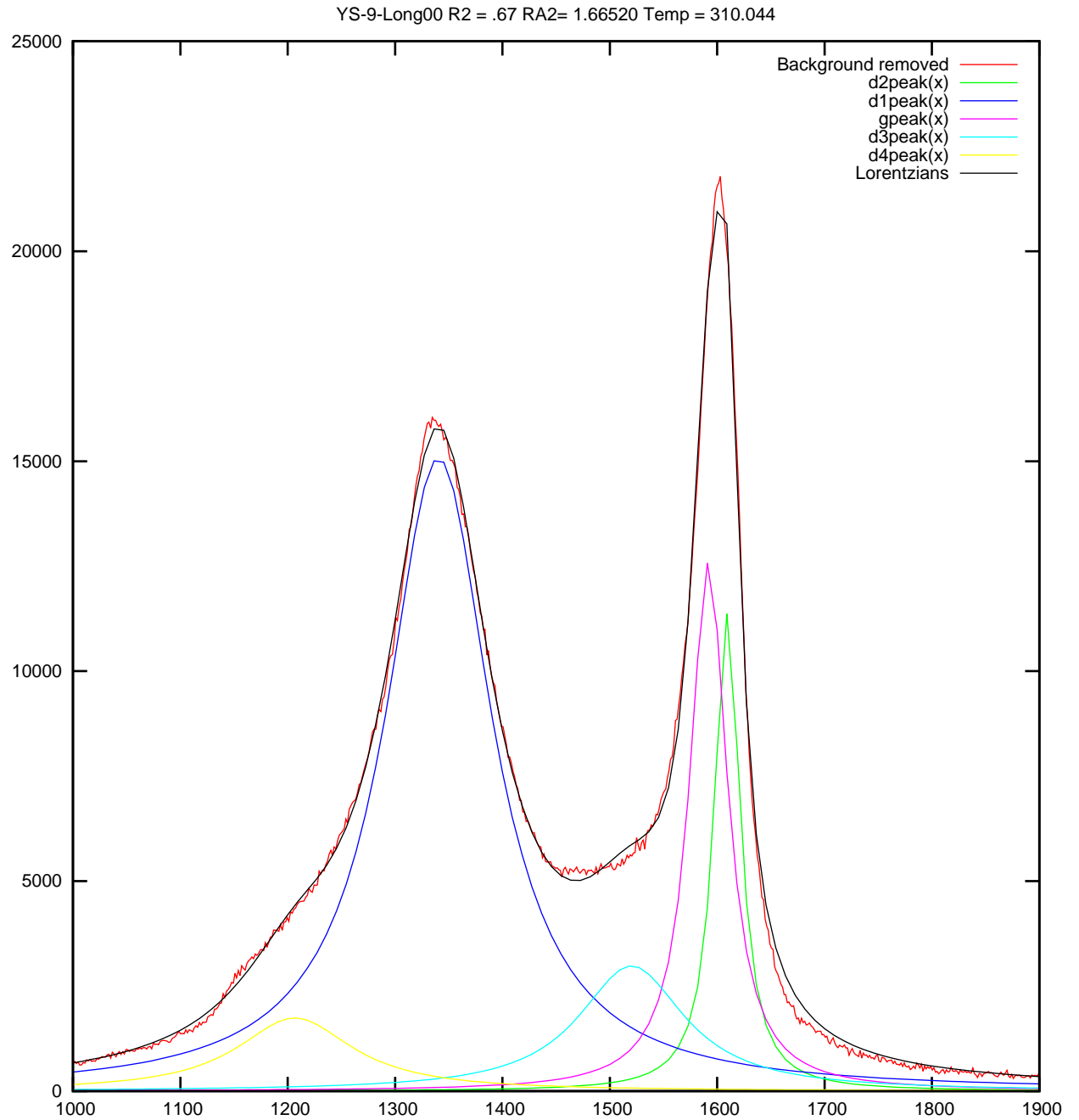
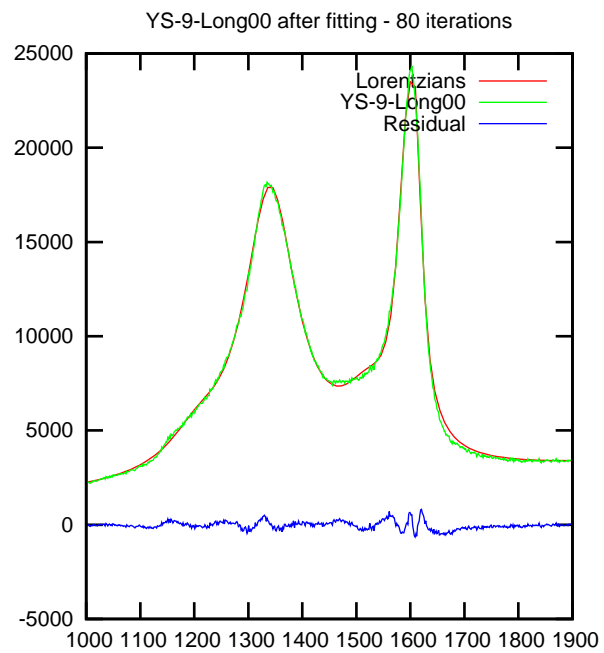
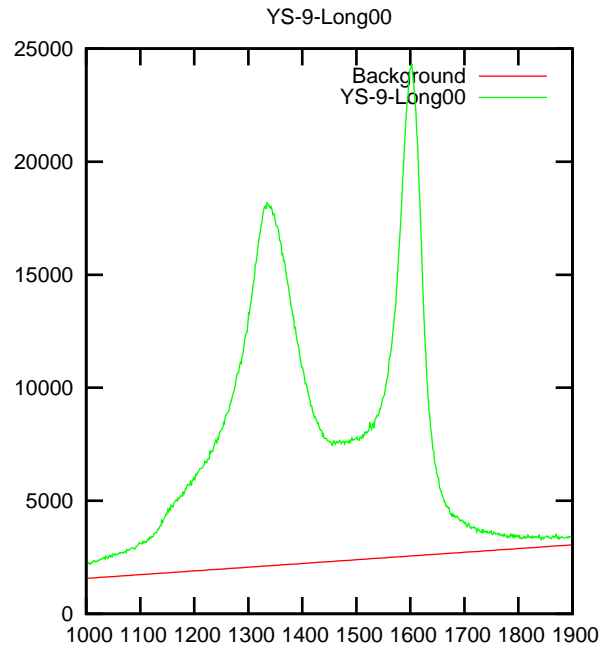
YS93_Long_b_08 = Noisy

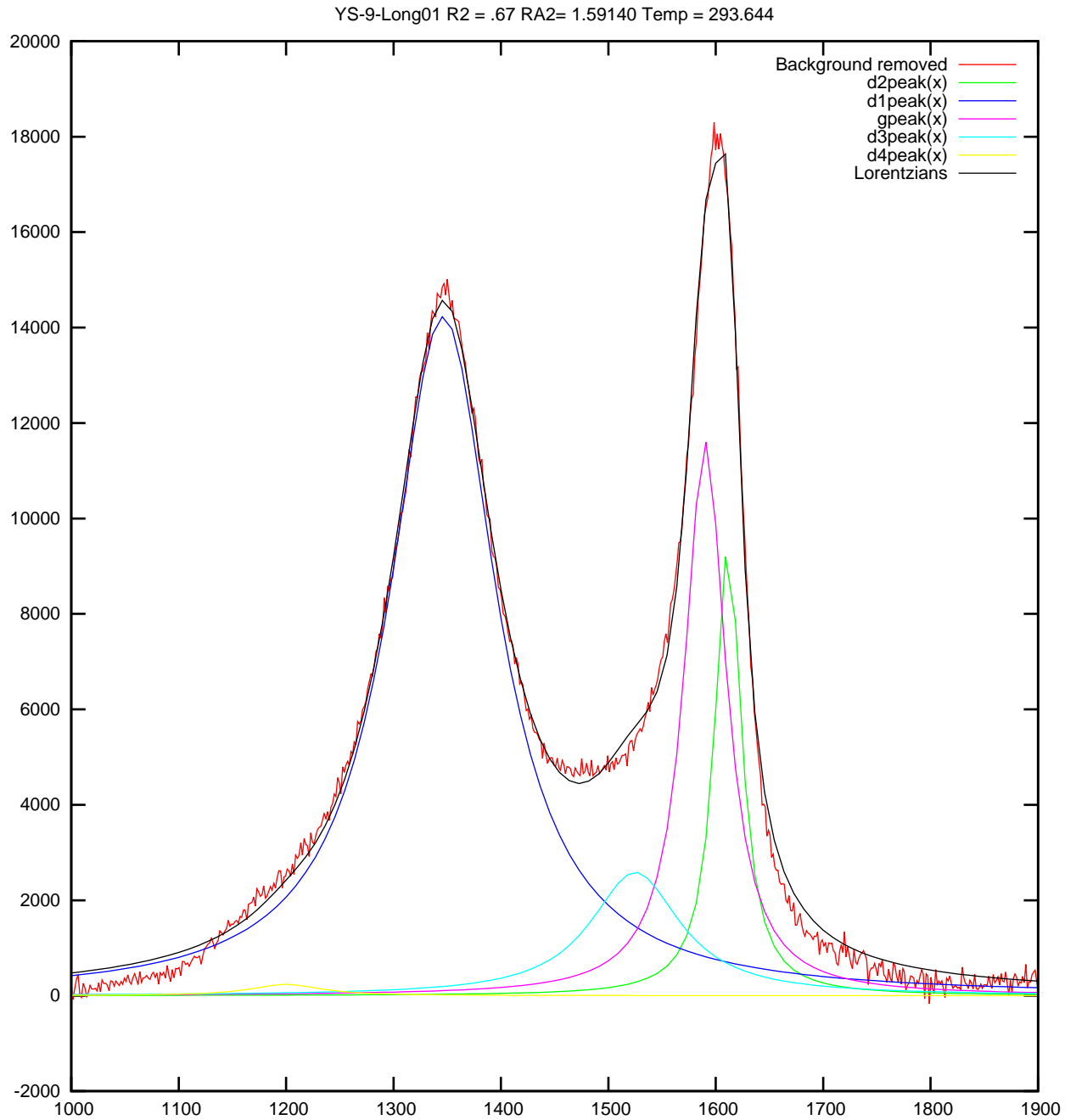
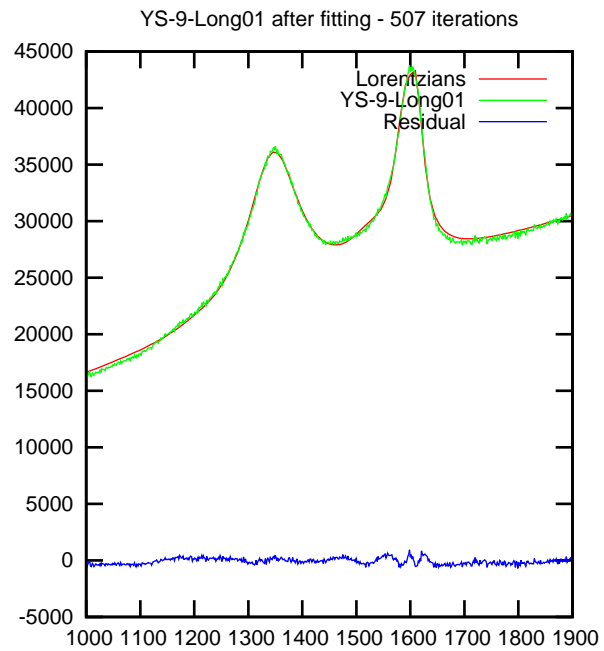
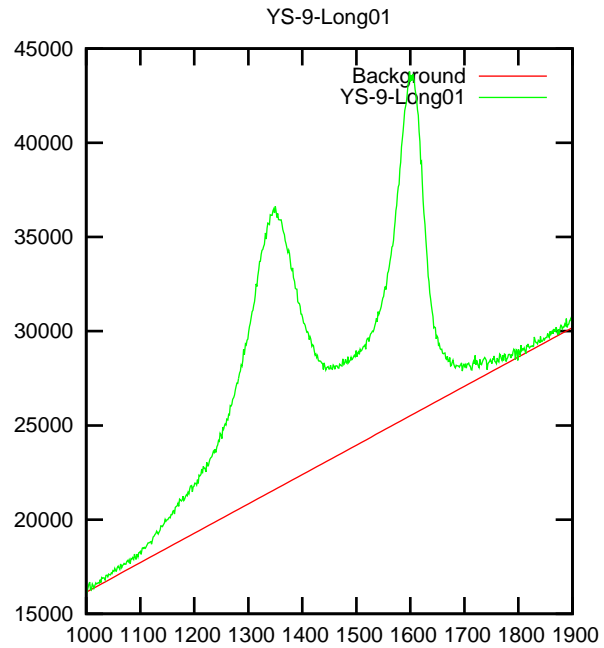


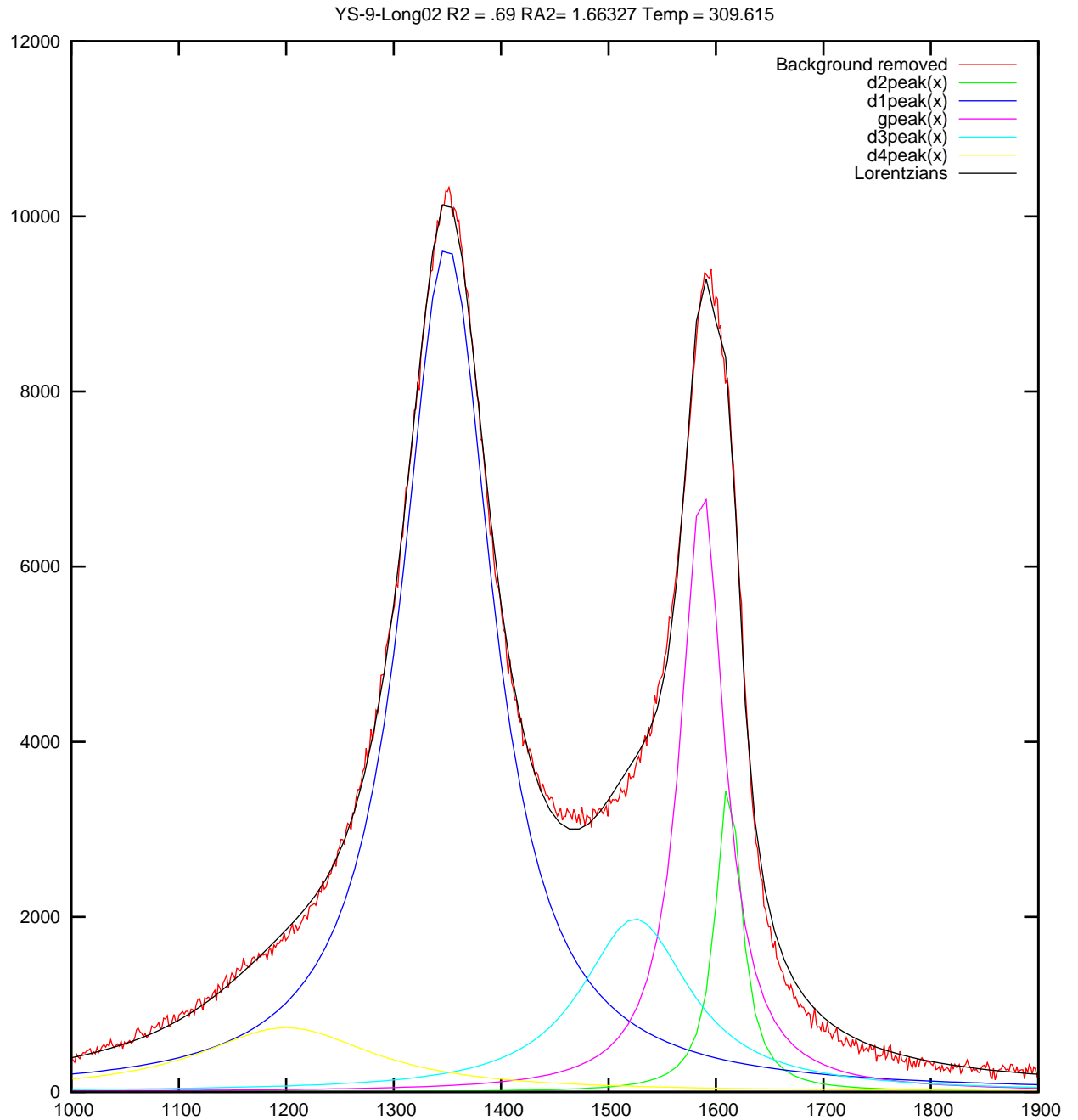
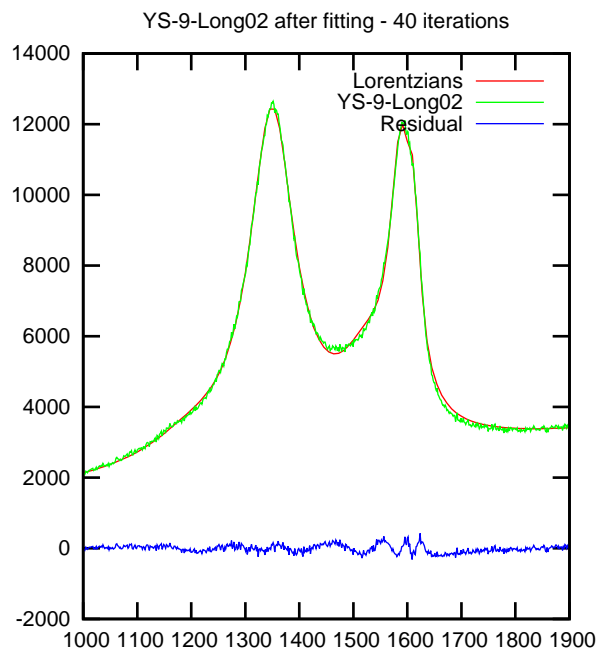
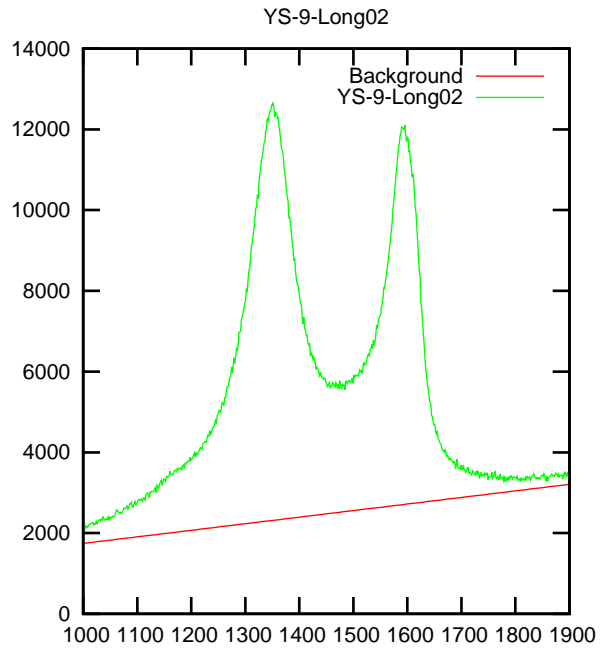
YS93_Long_b_08 = Noisy

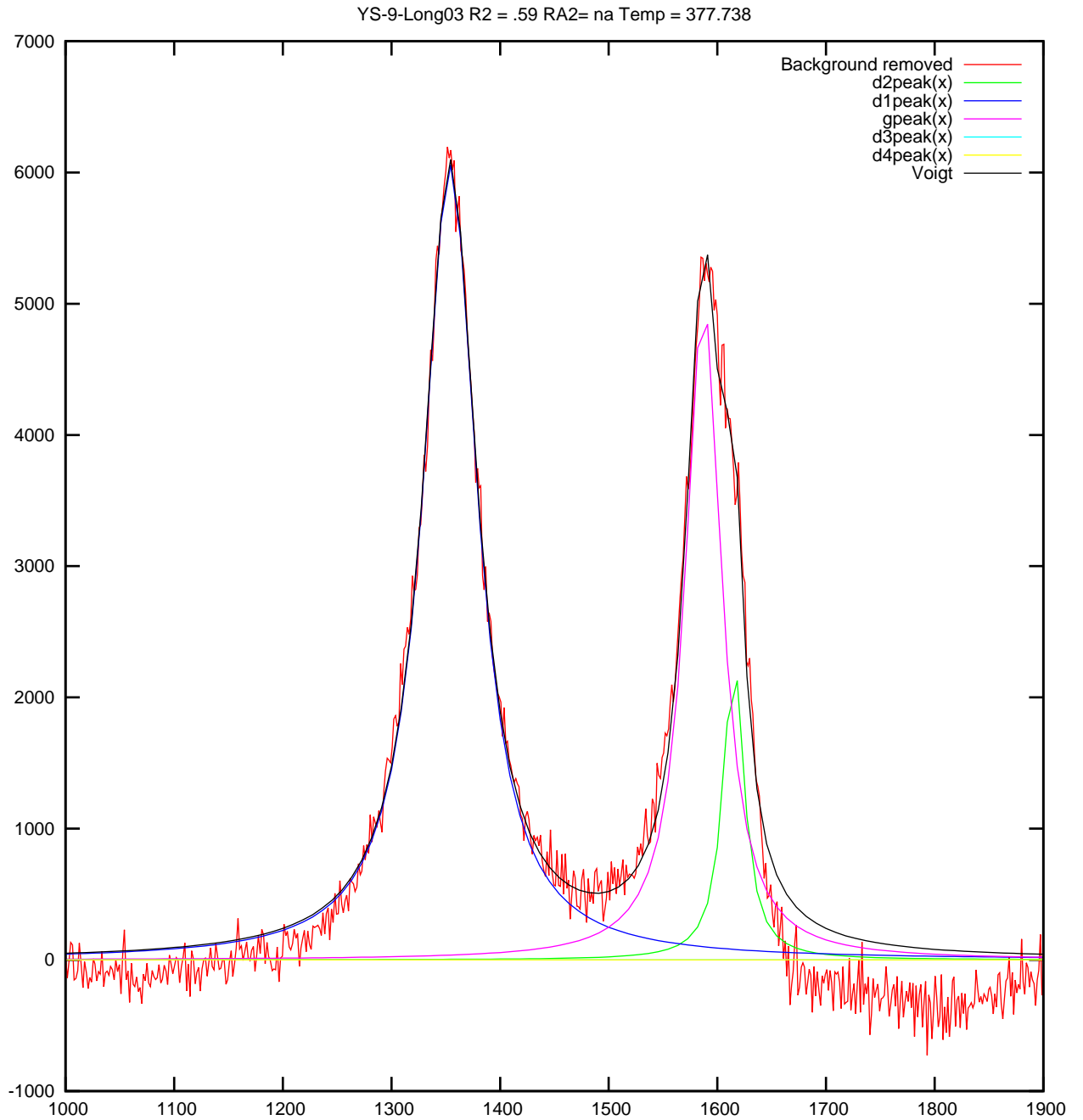
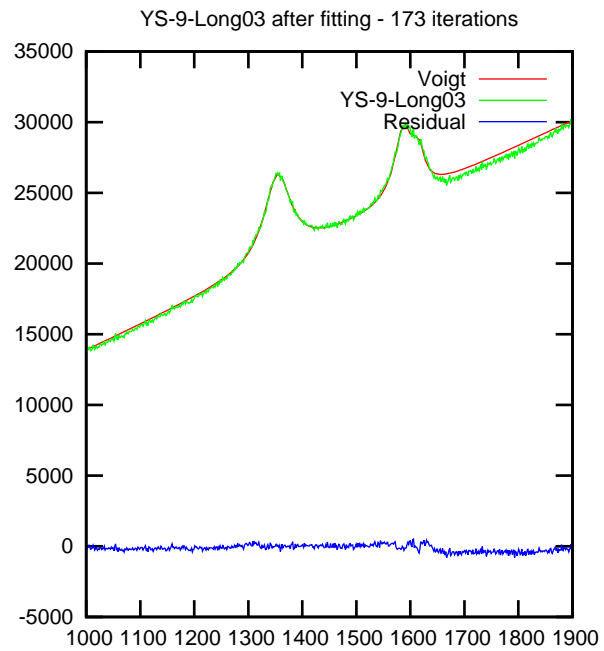
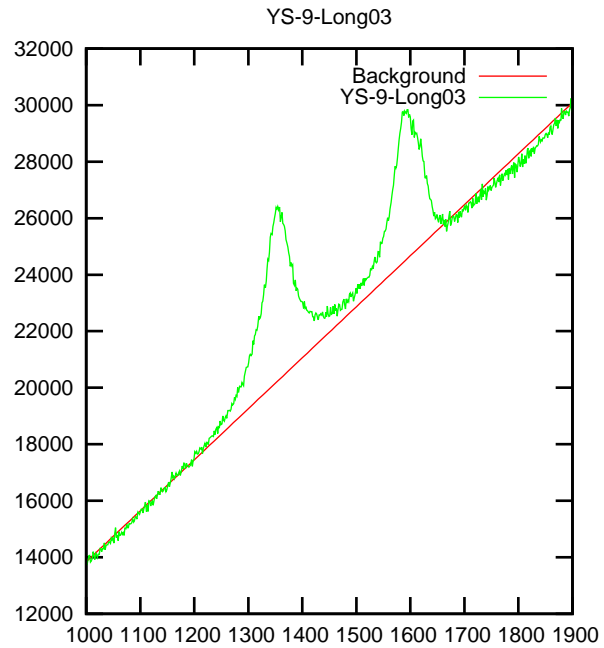
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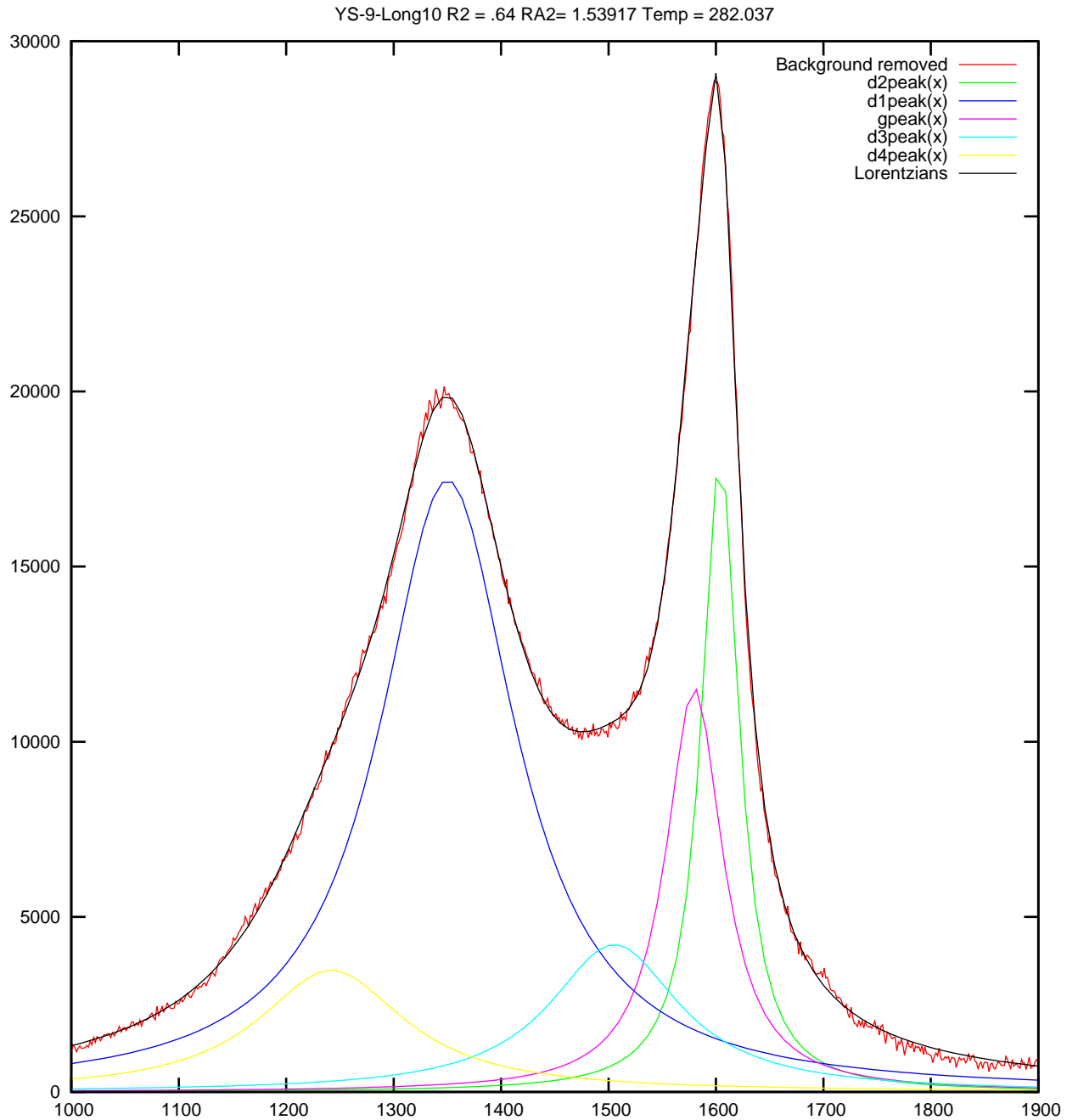
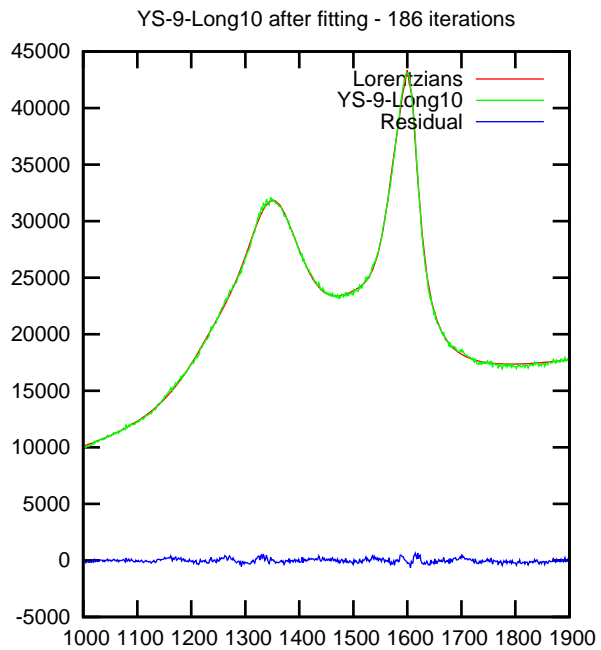
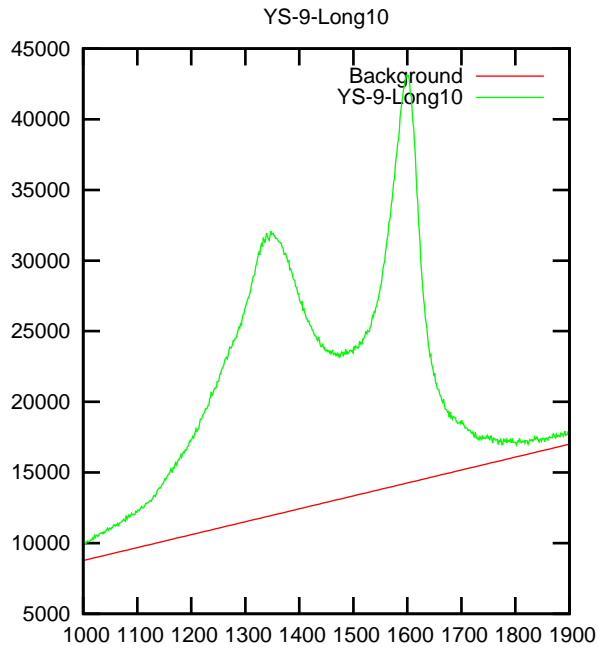


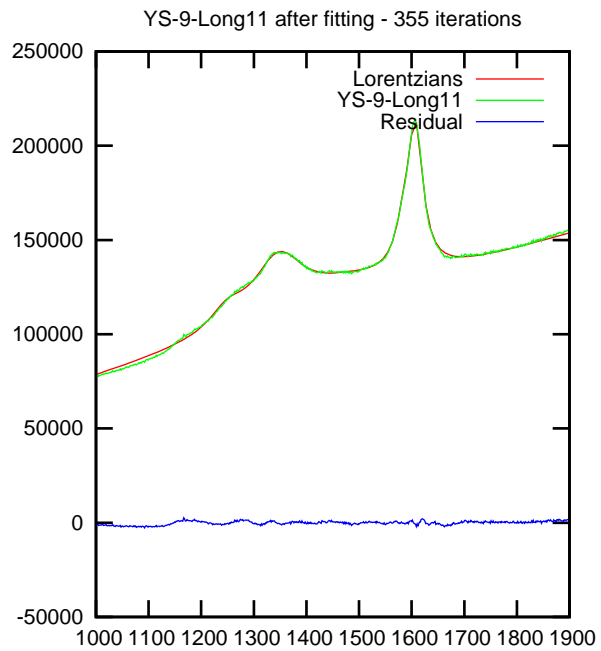
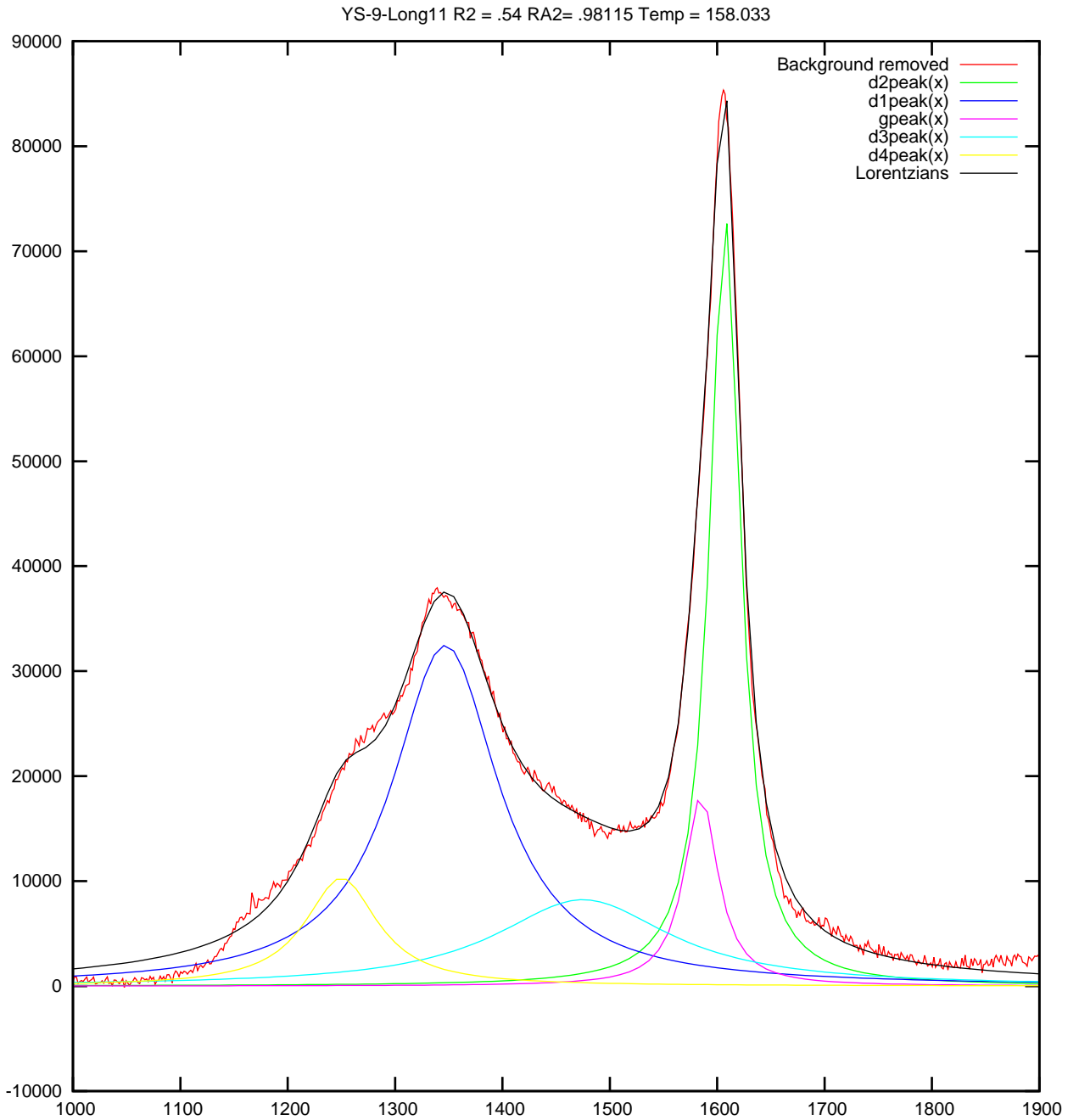
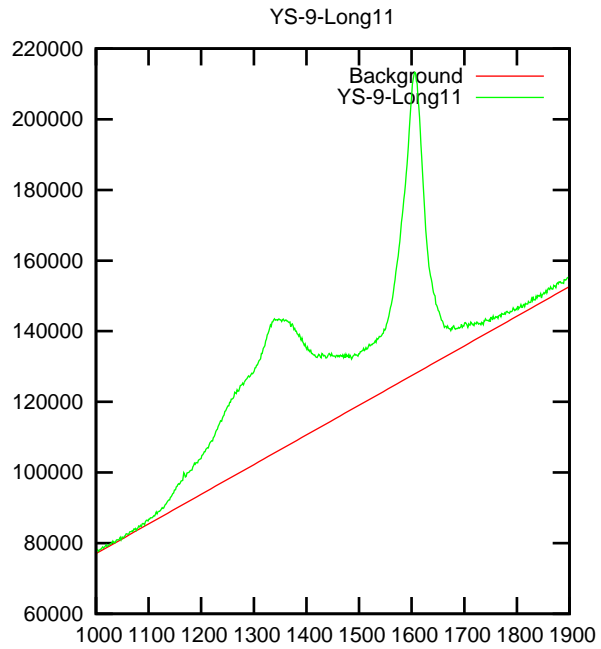


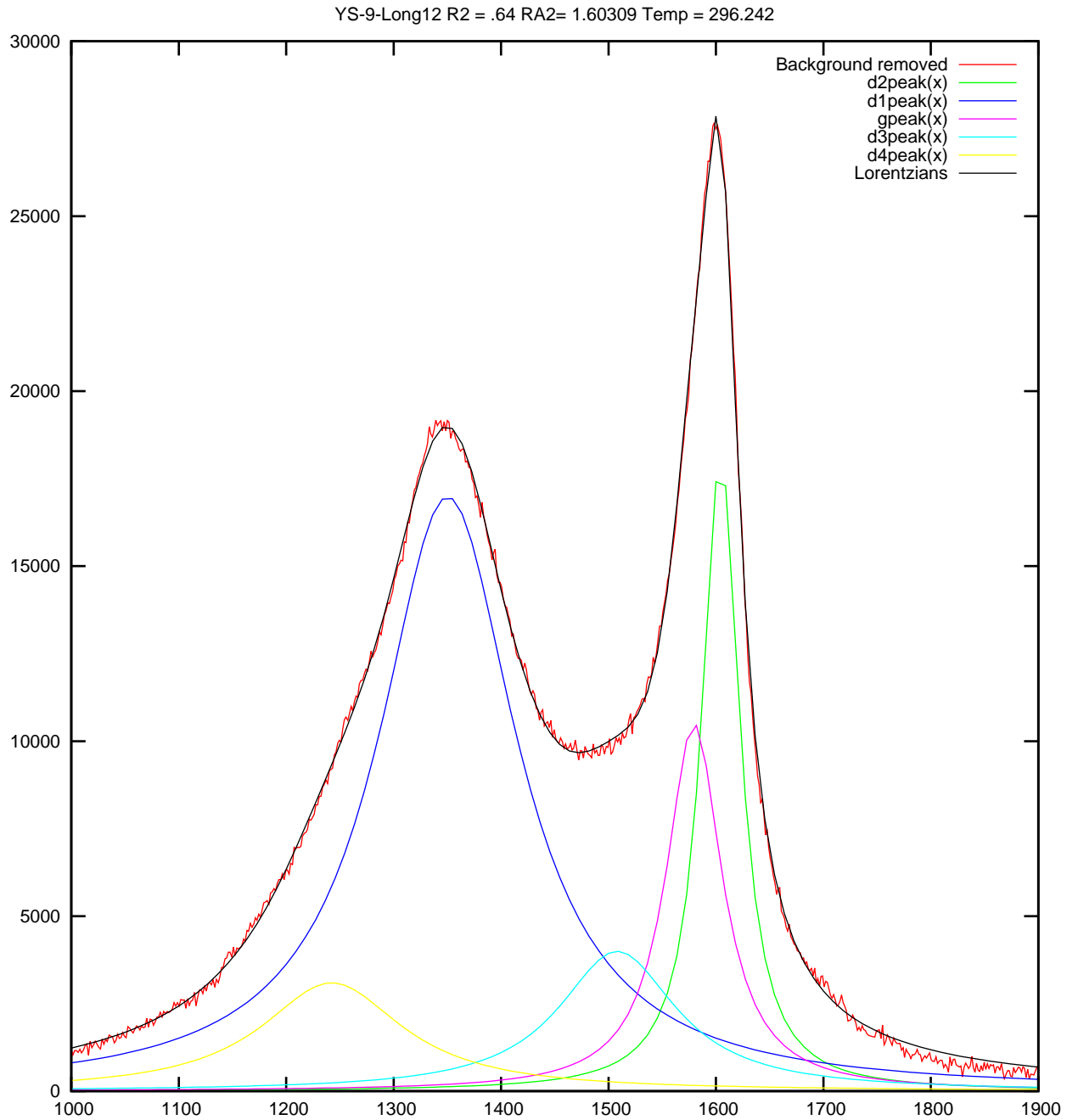
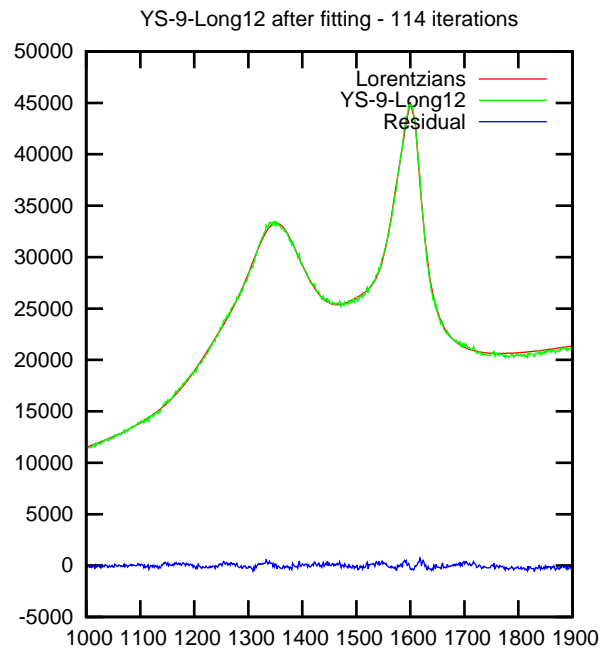
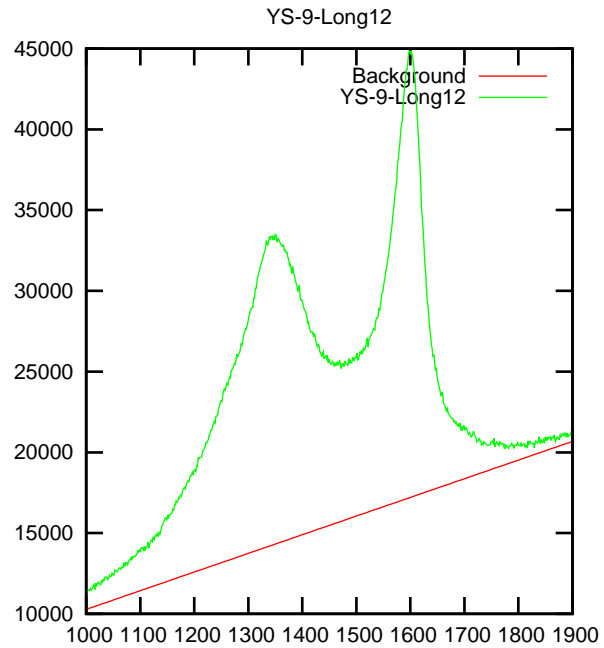


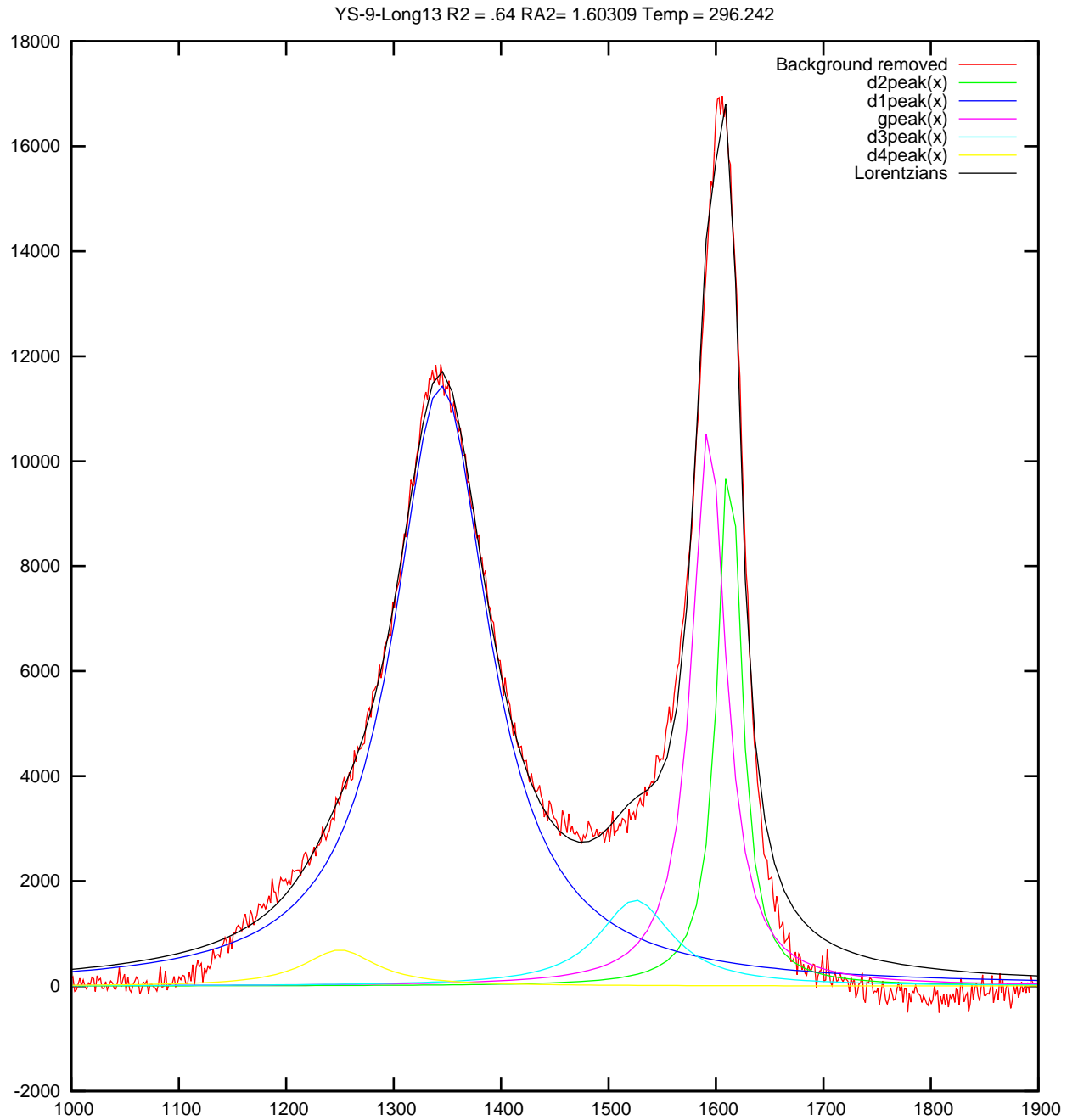
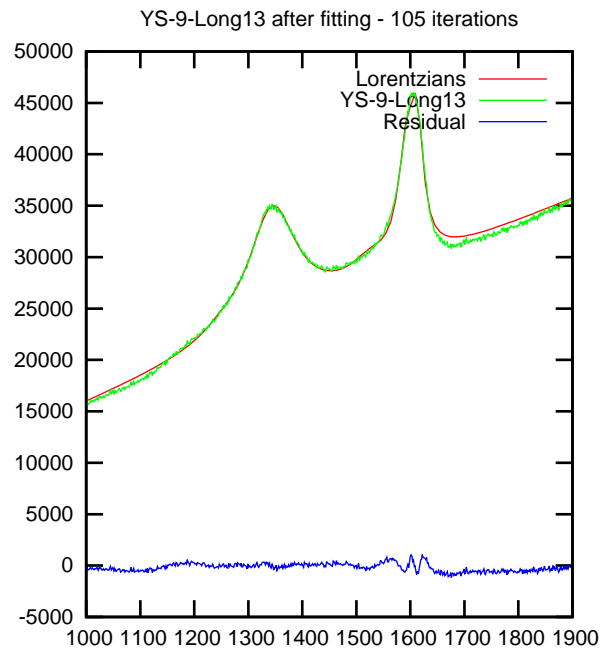
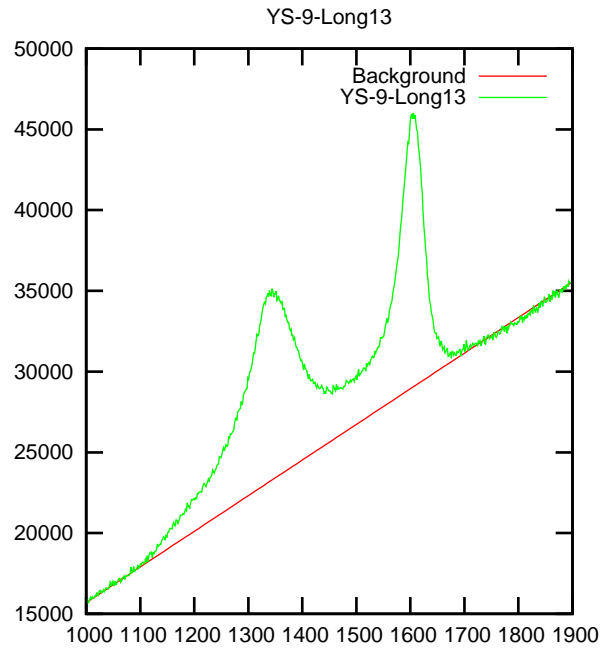


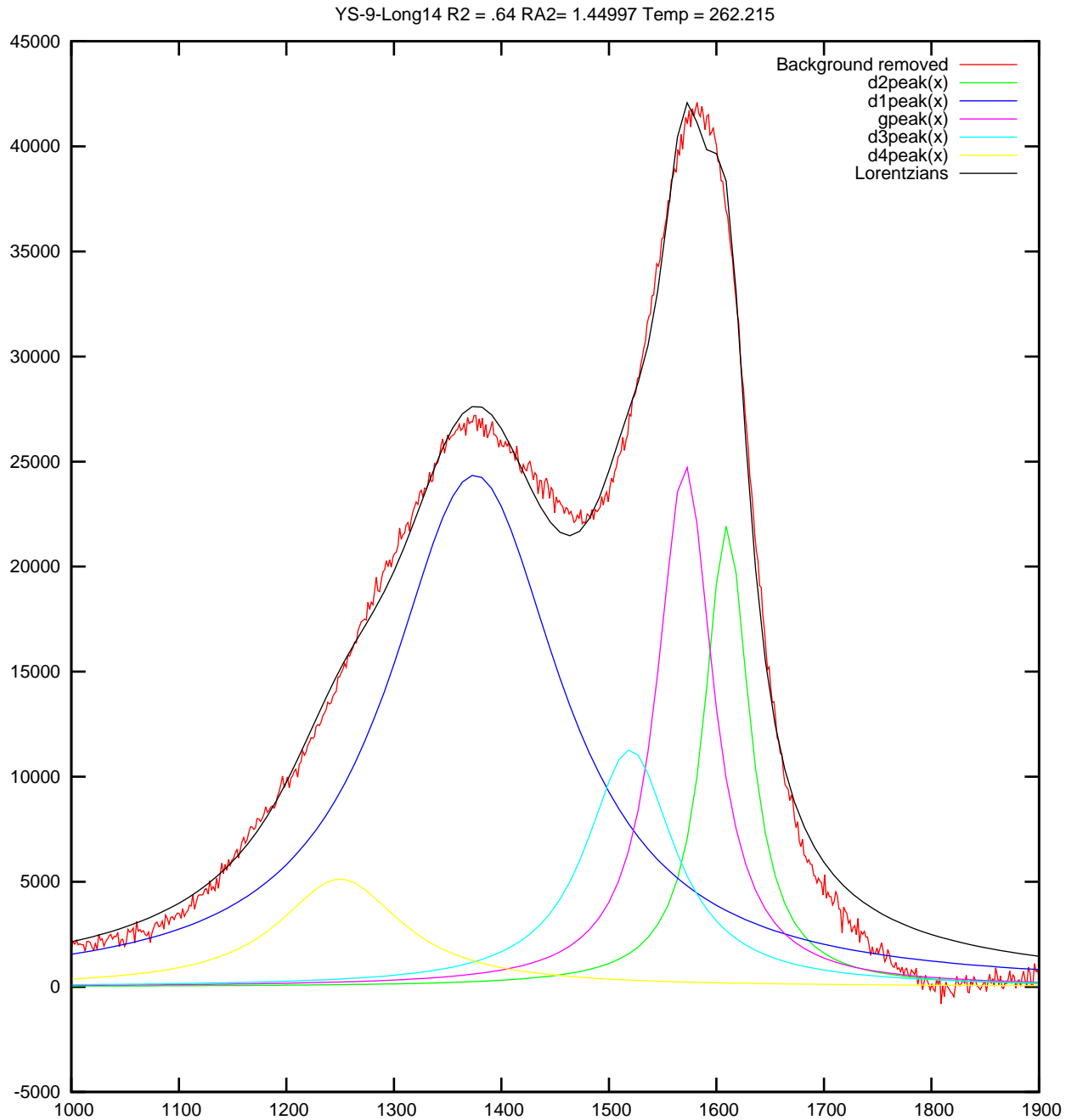
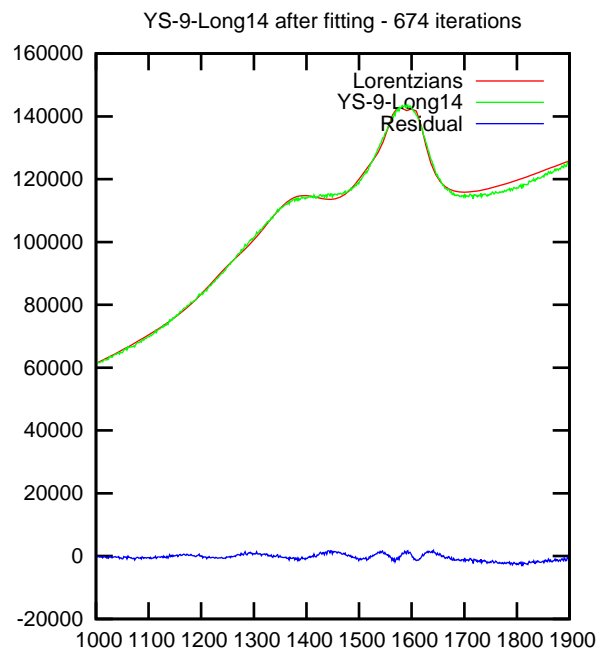
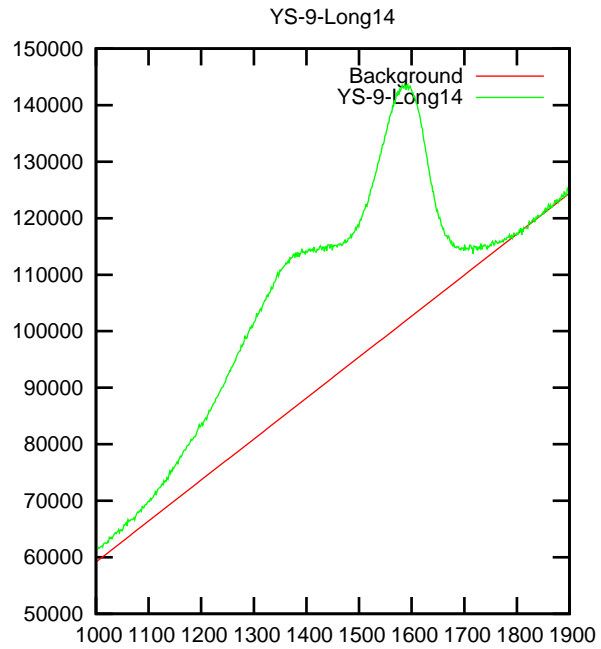


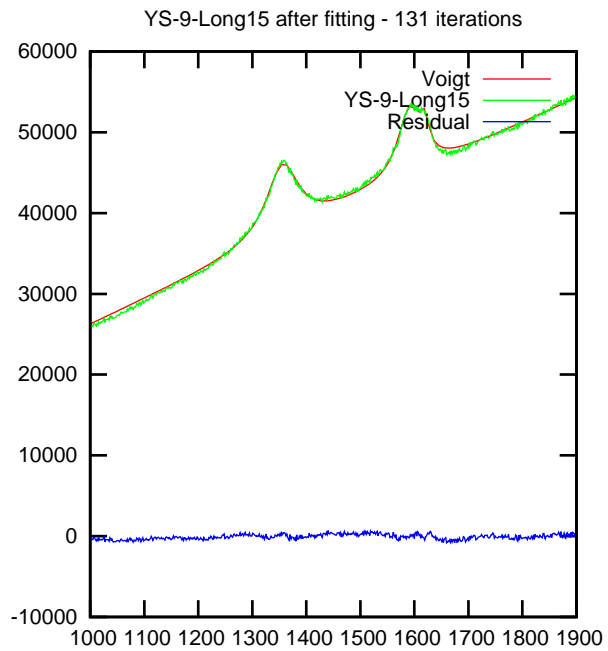
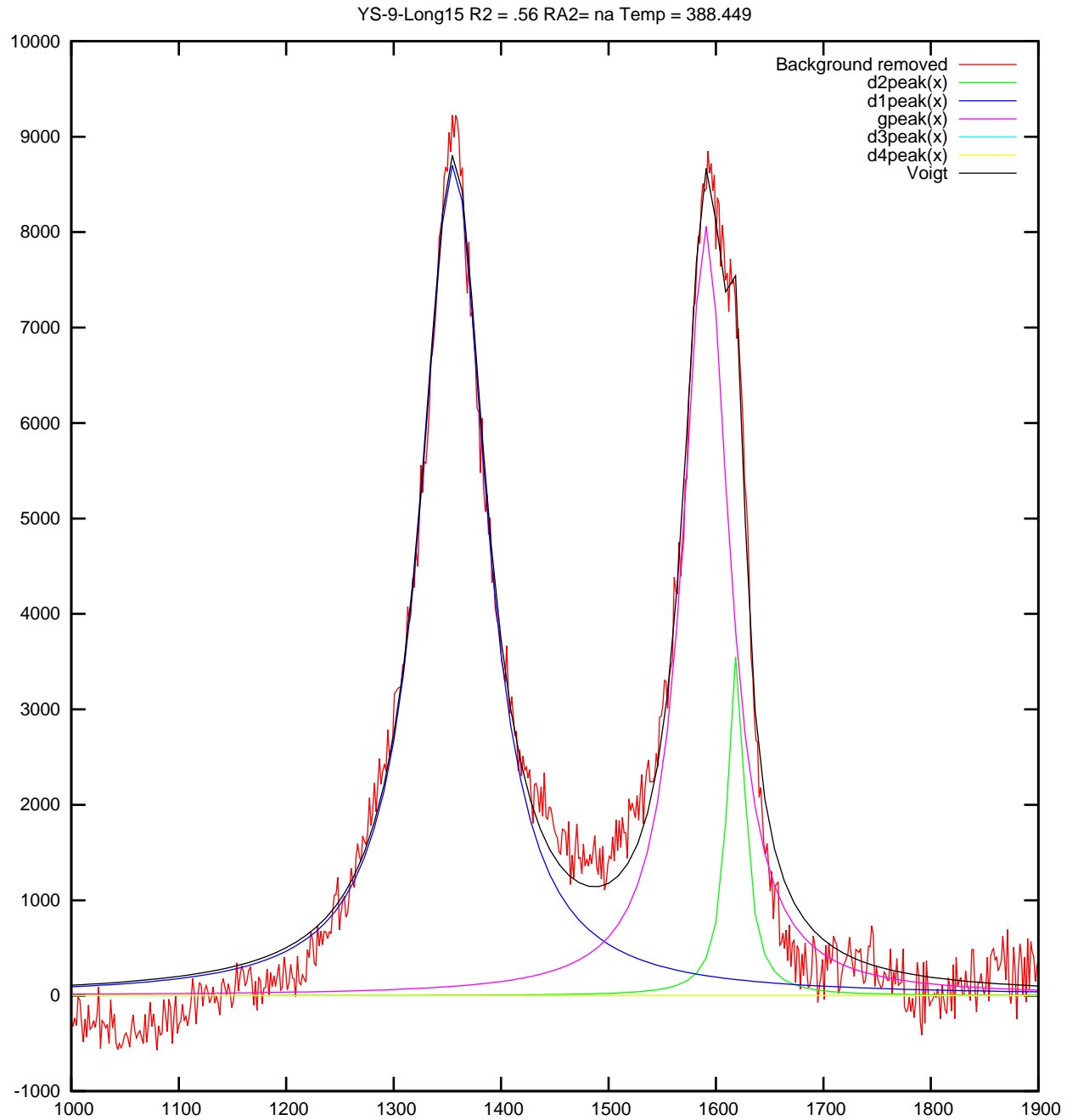
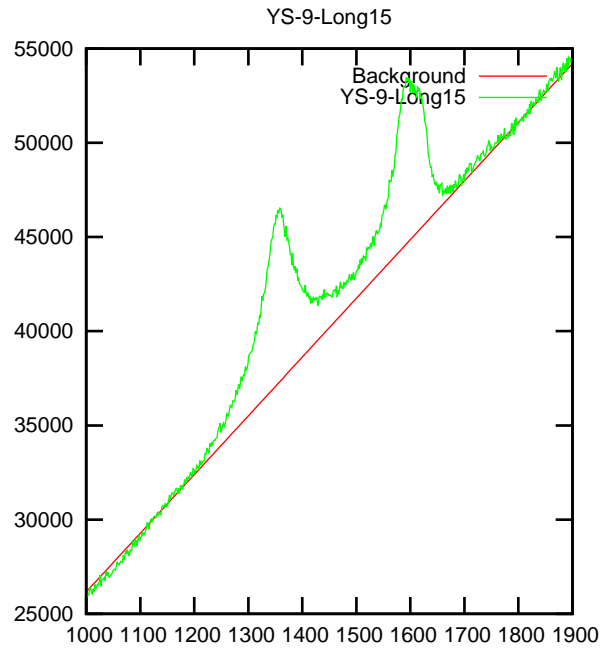




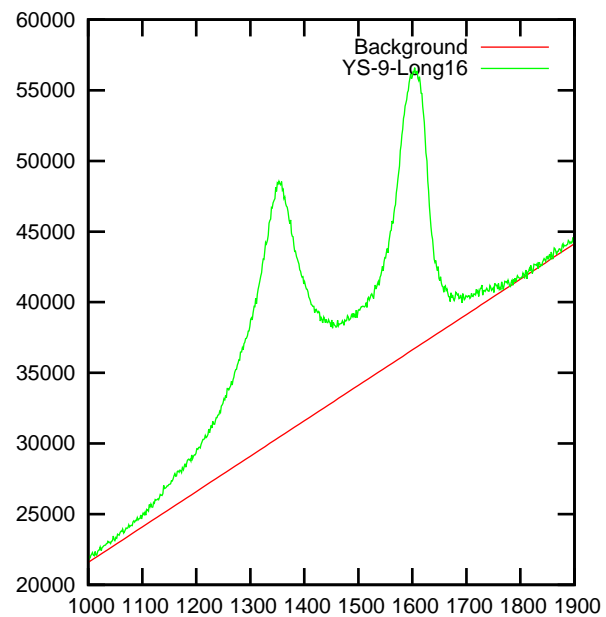




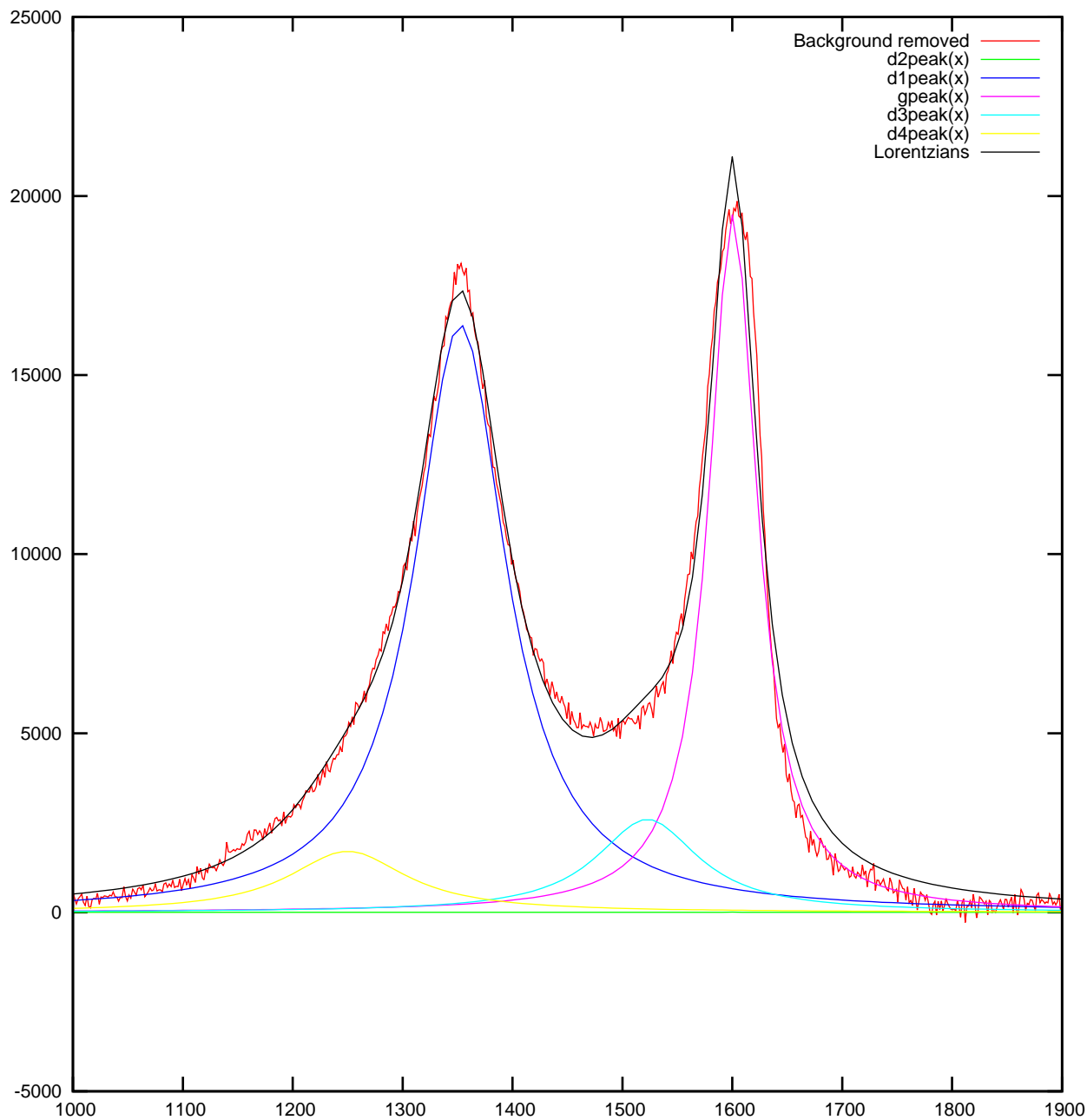




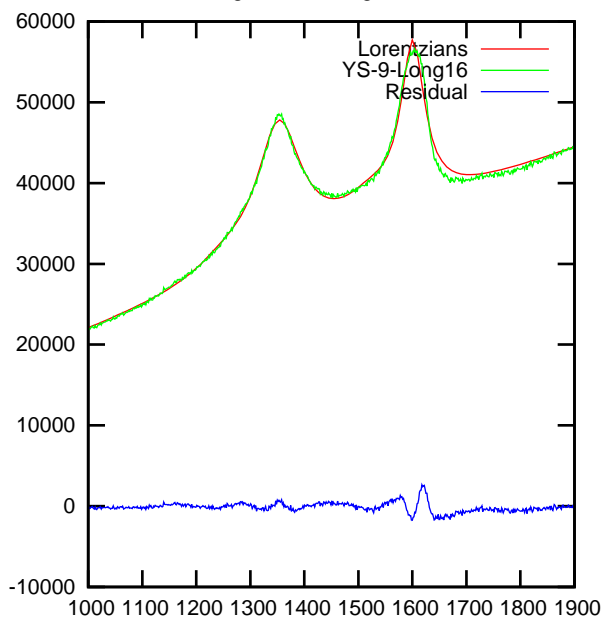
YS-9-Long16

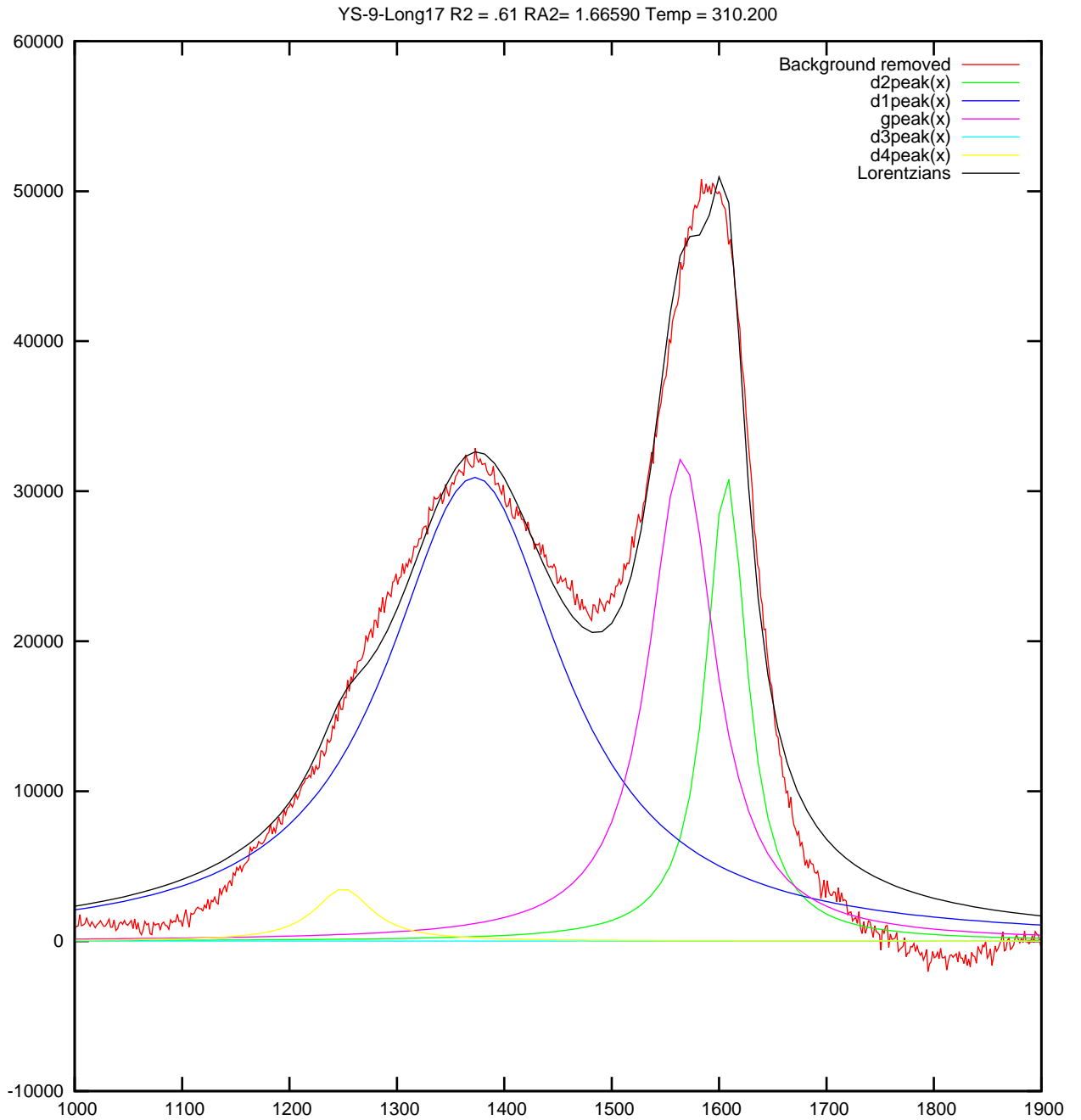
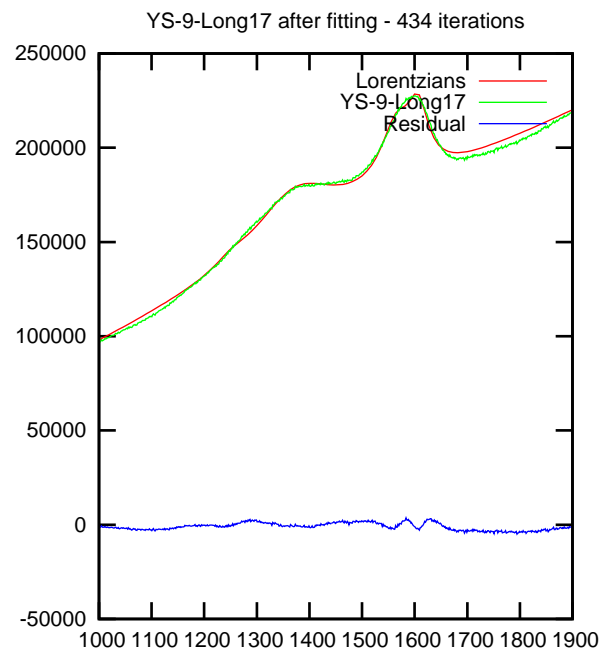
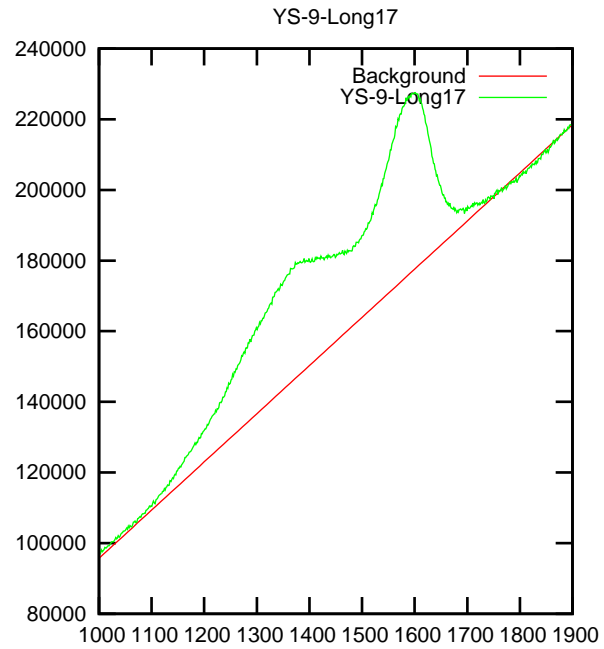


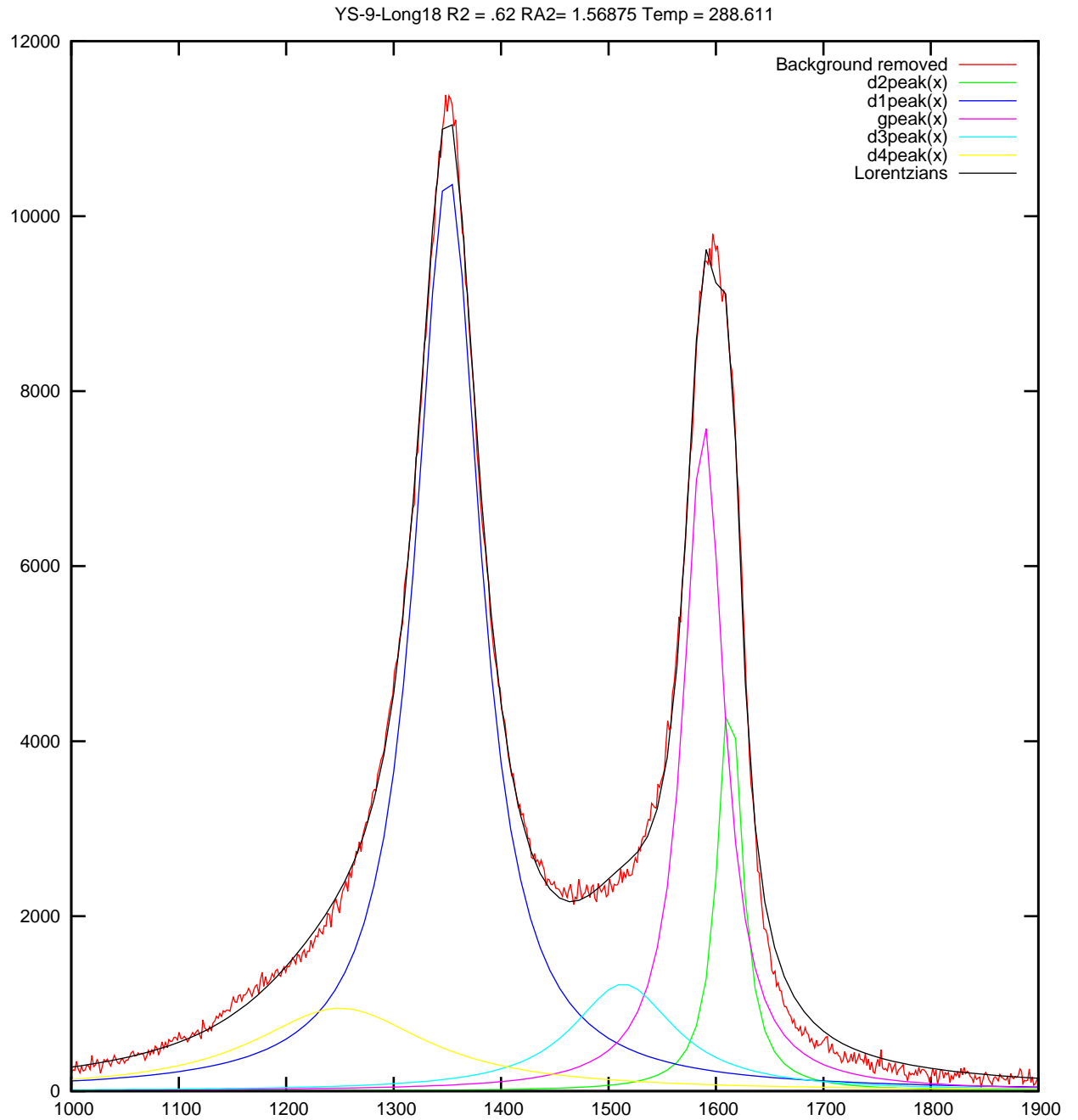
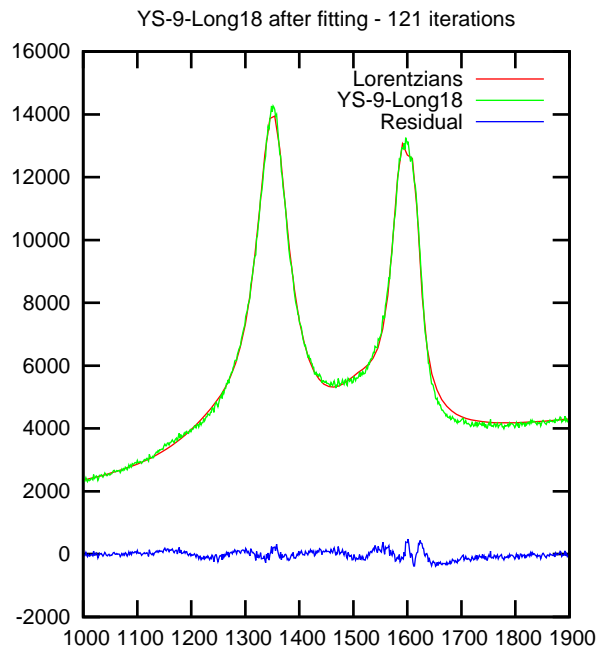
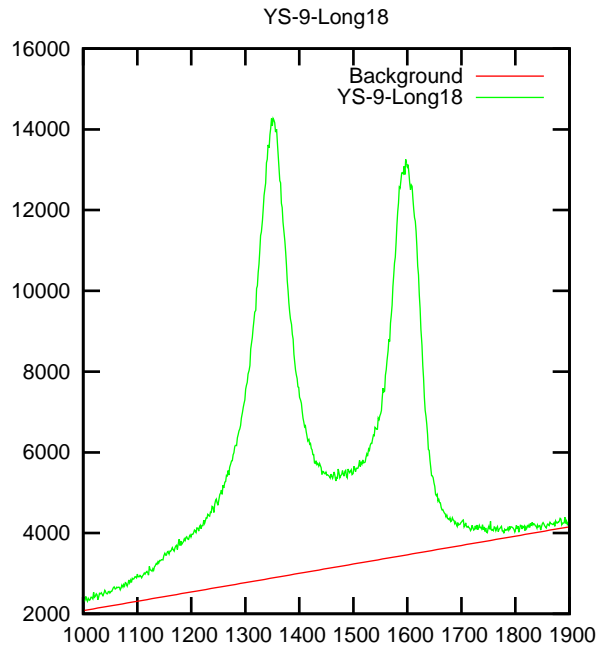
YS-9-Long16 R2 = .61 RA2= 1.41076 Temp = 253.502



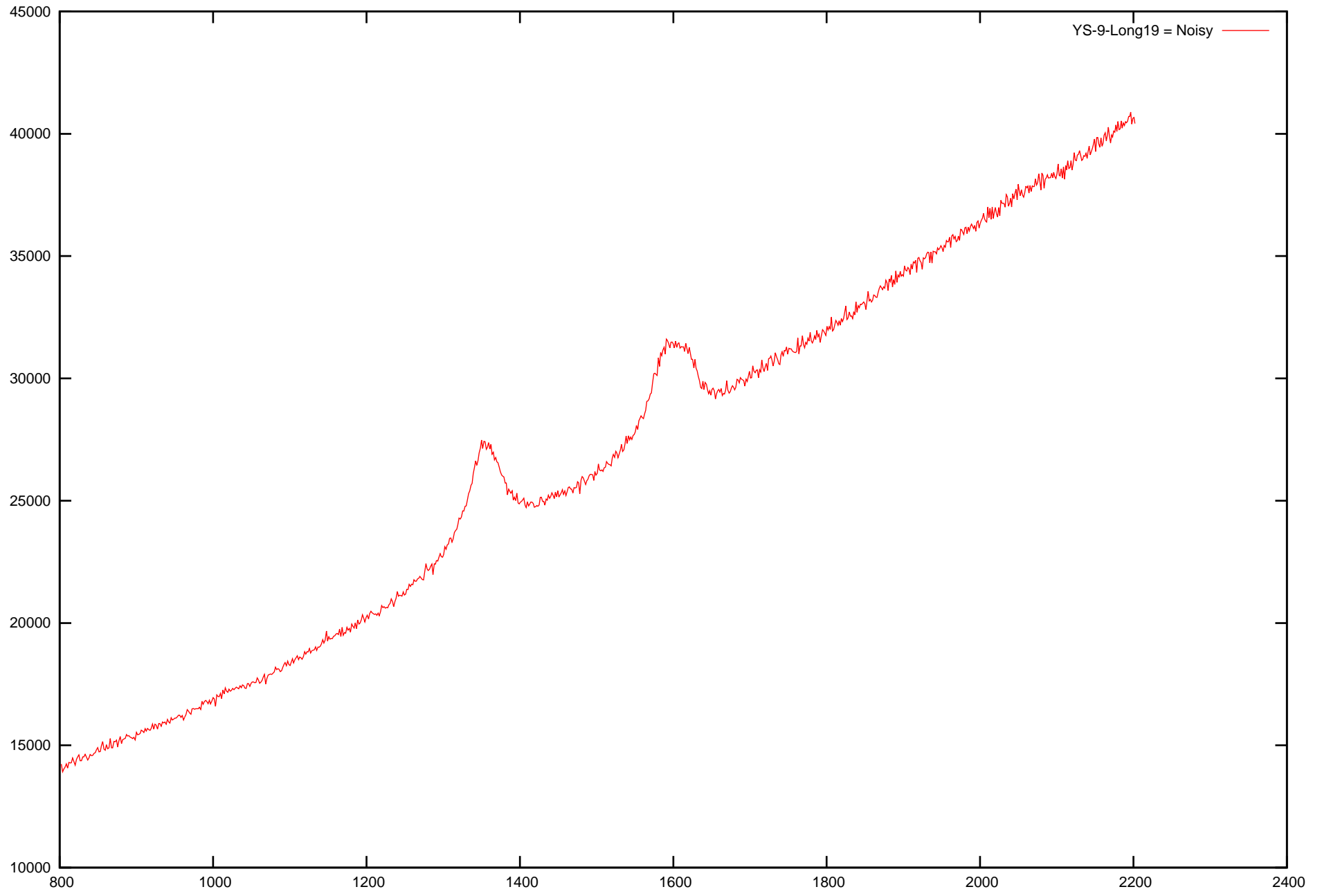
YS-9-Long16 after fitting - 167 iterations

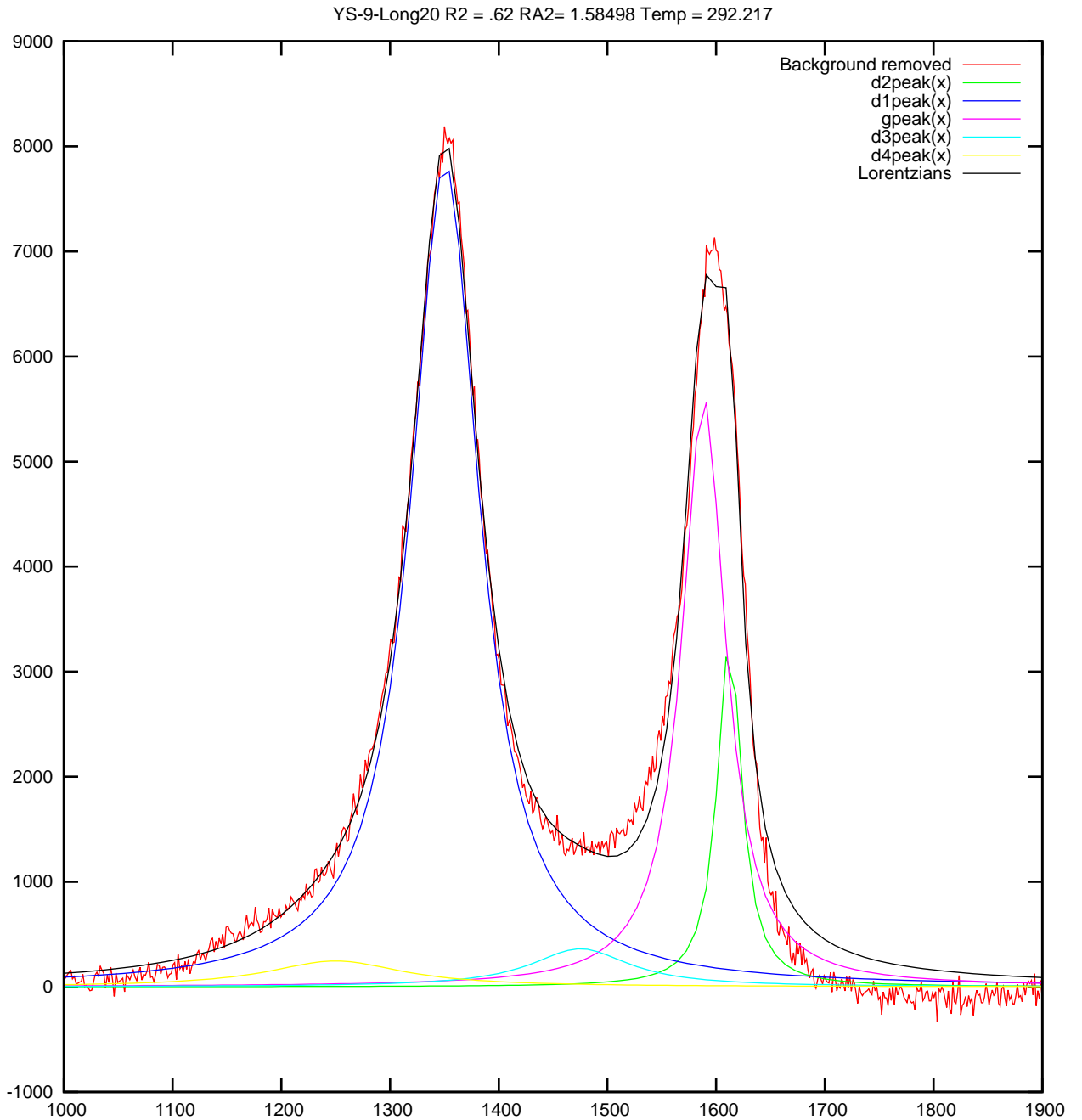
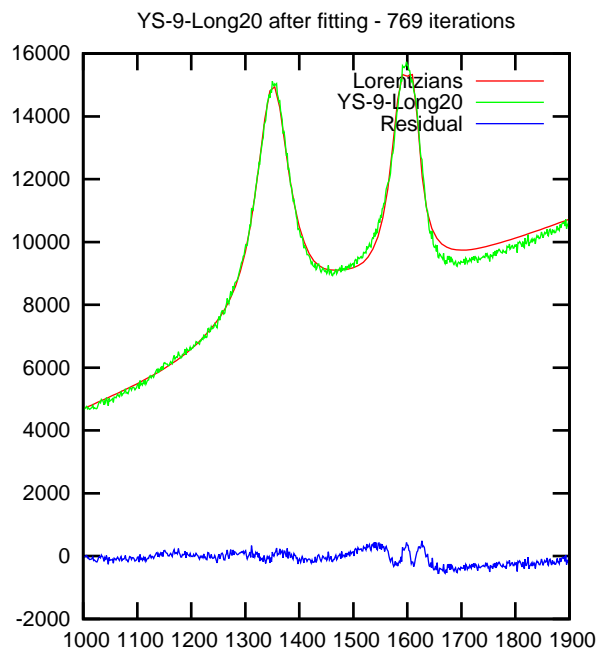
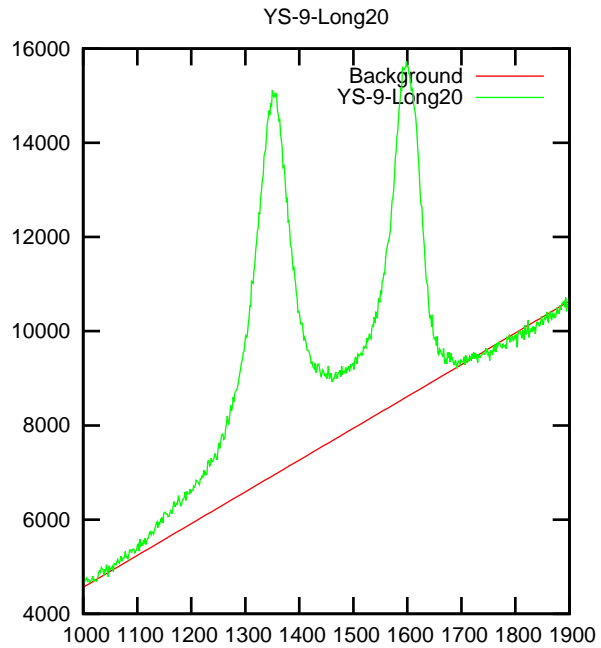


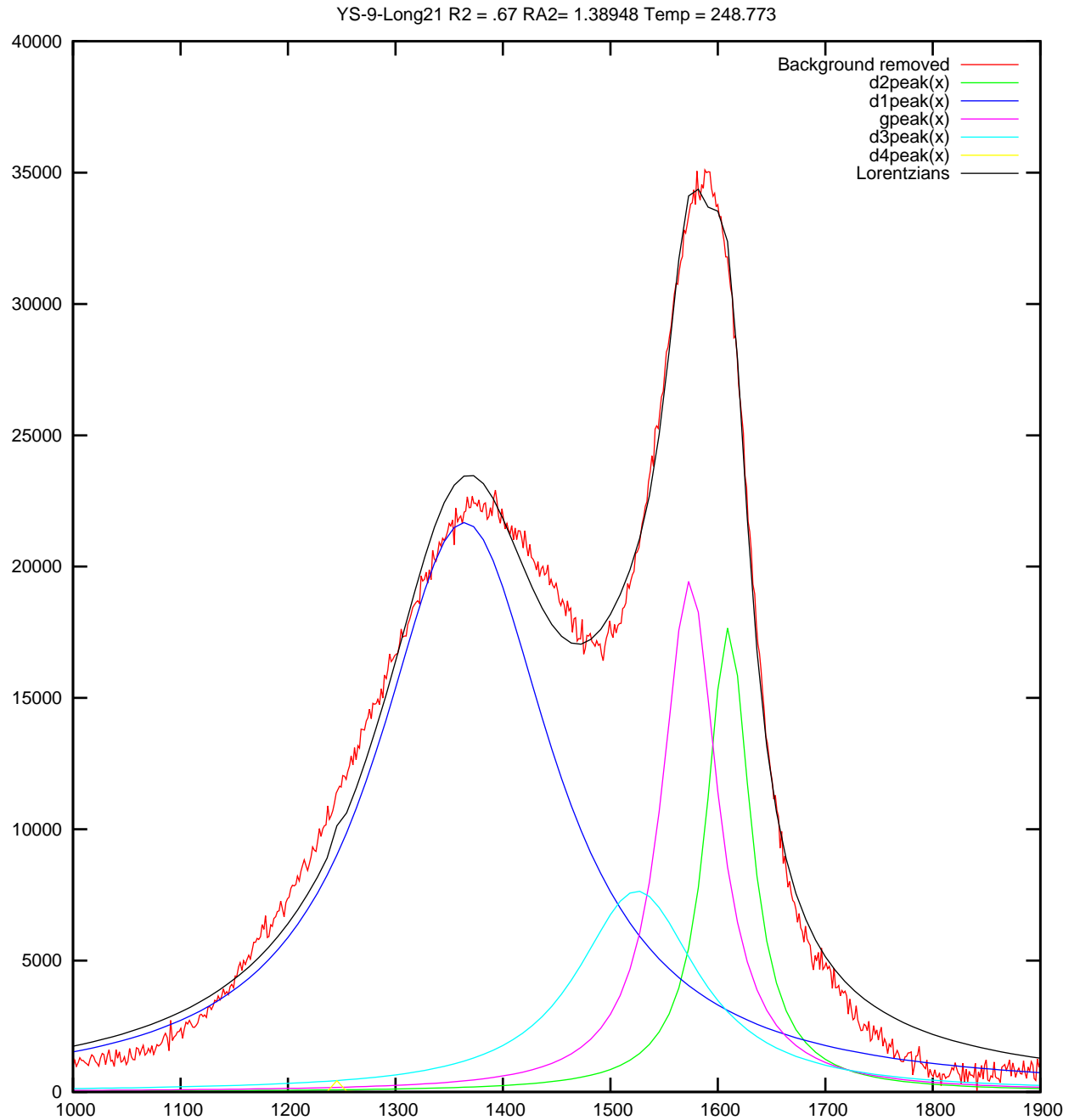
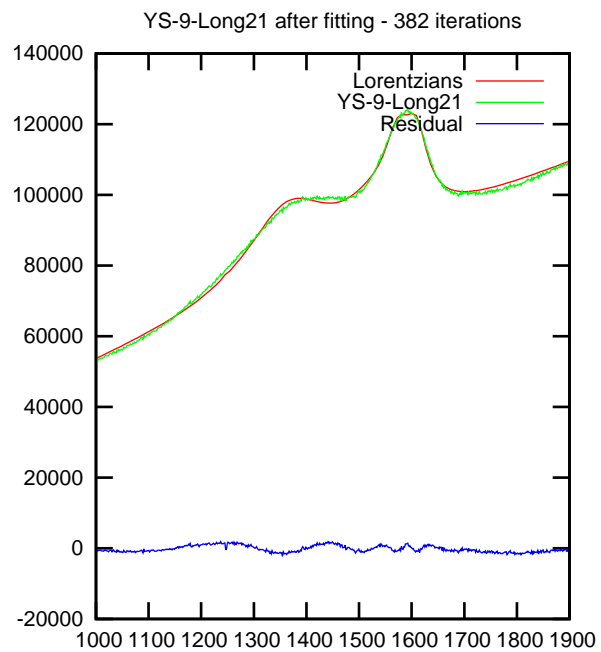
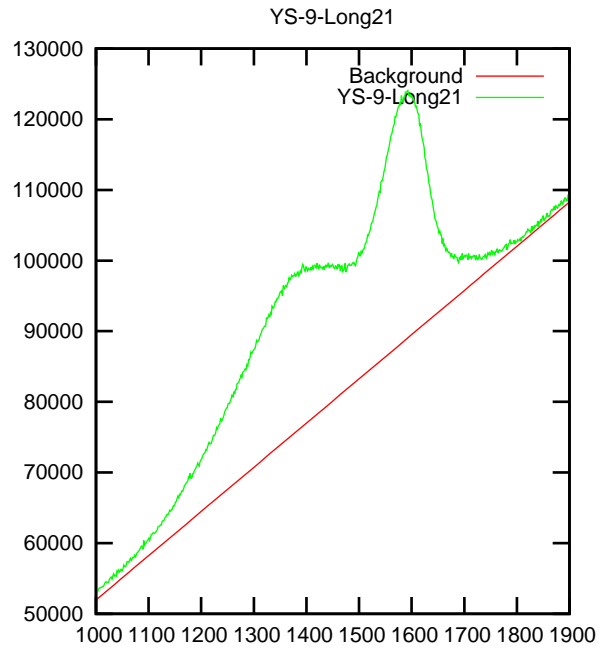


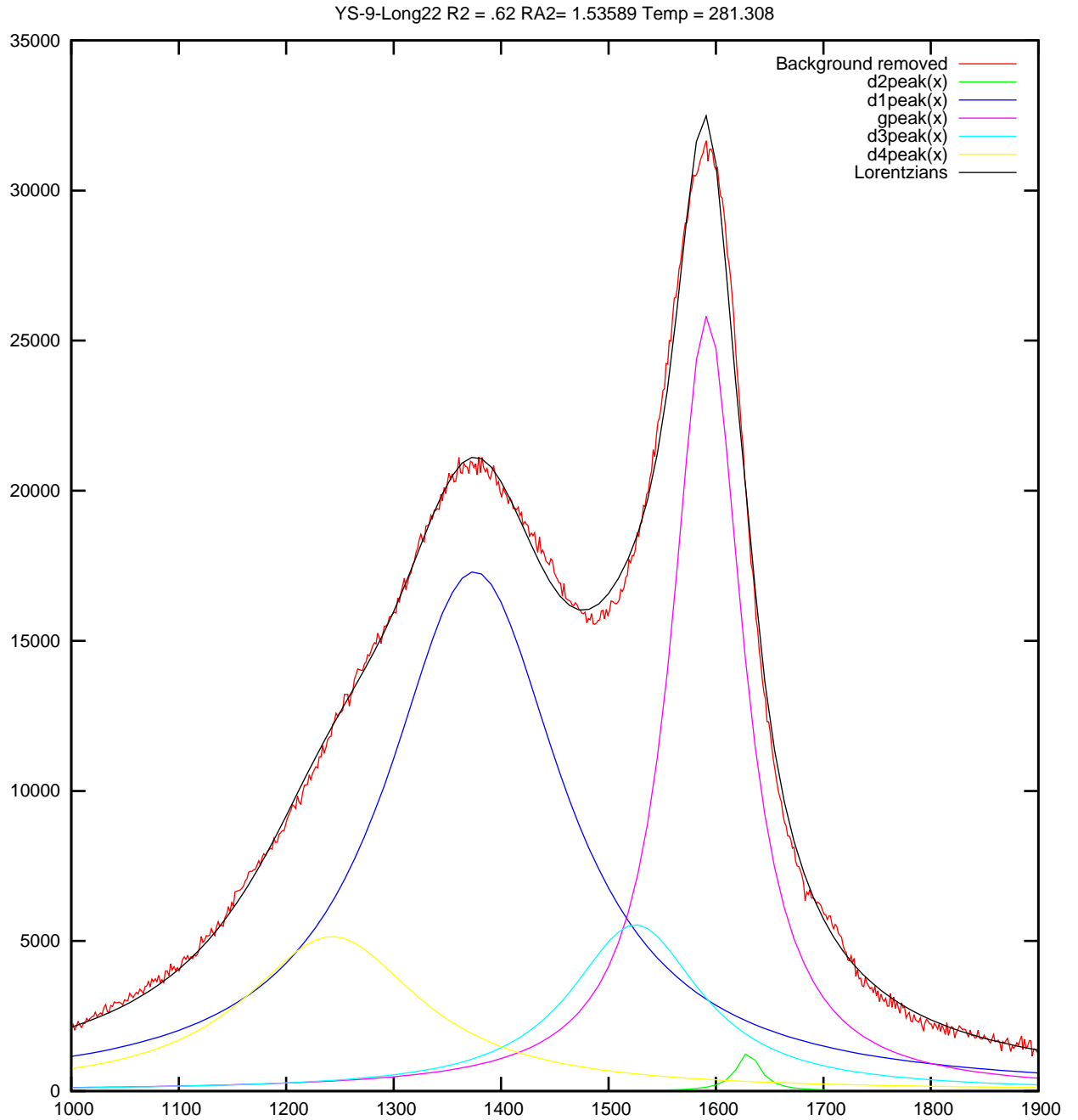
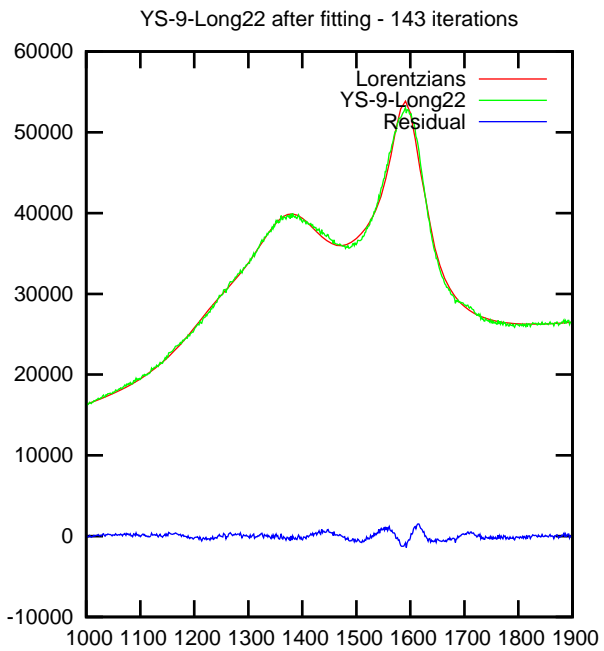
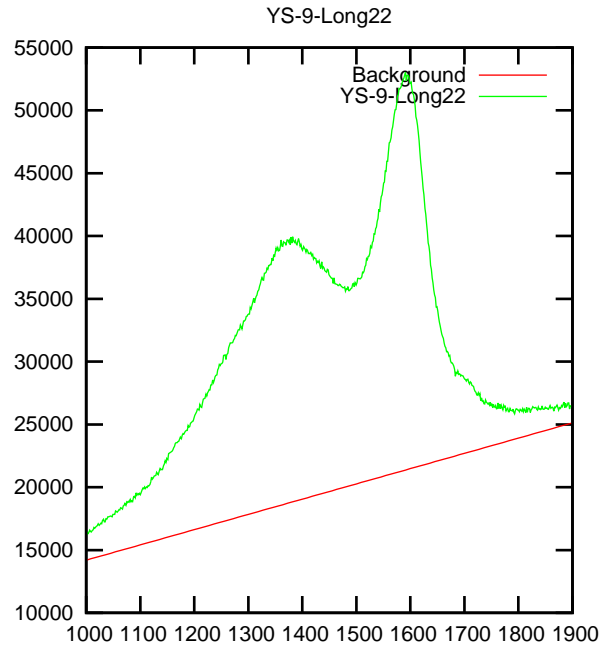


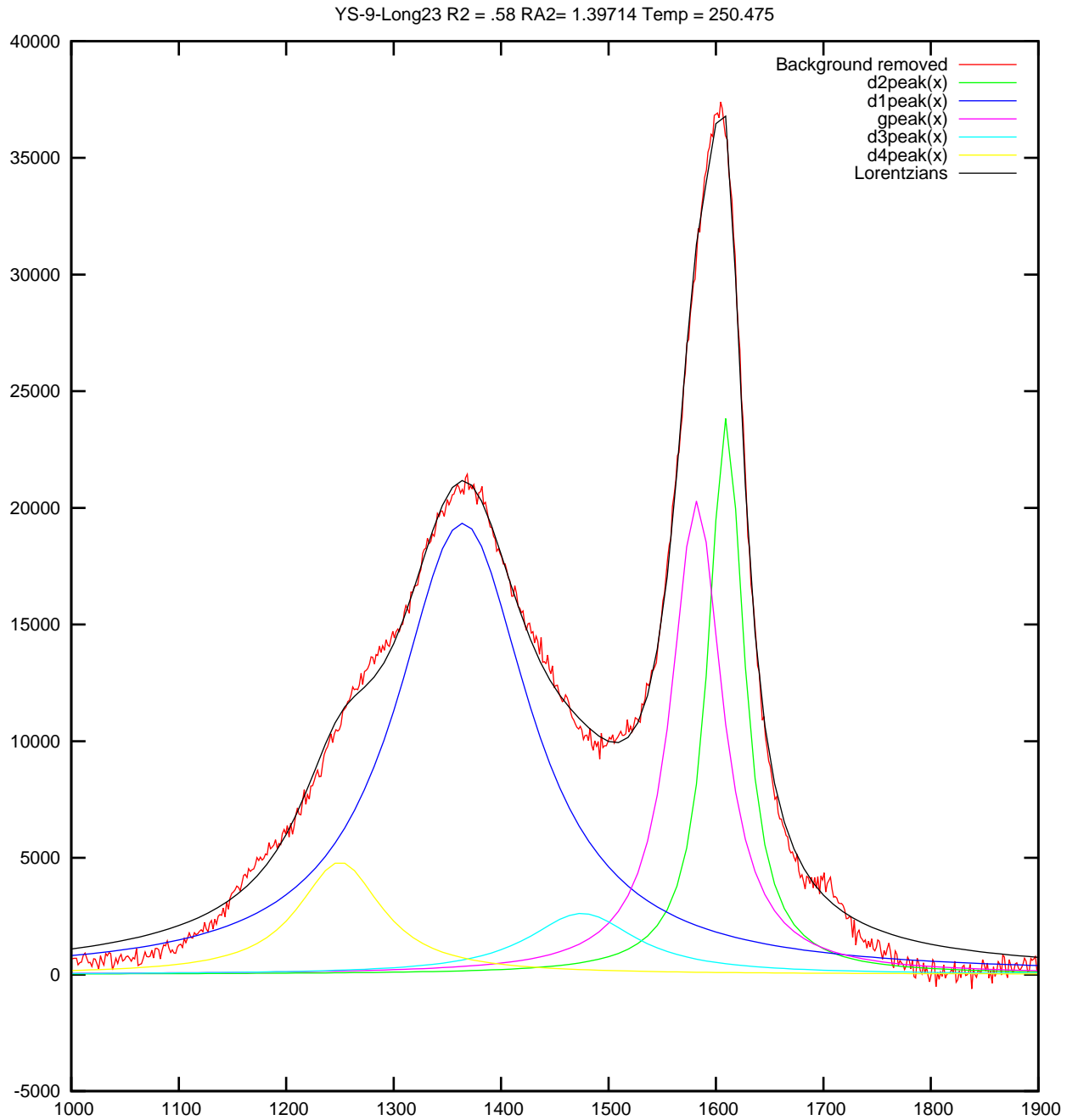
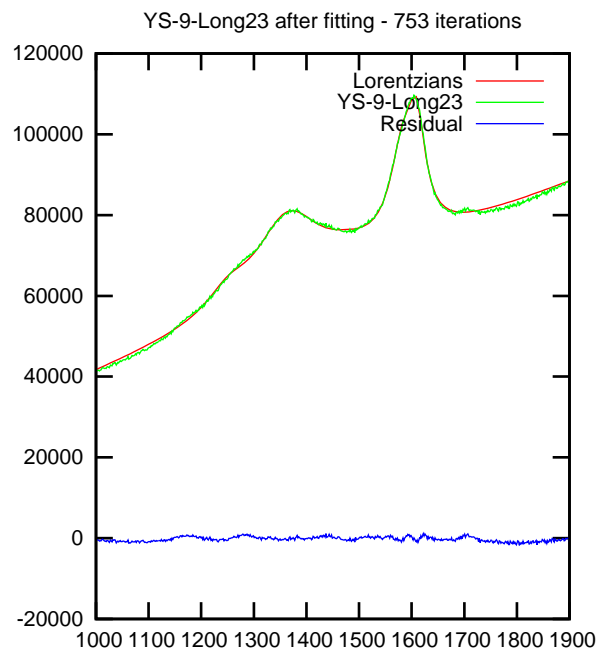
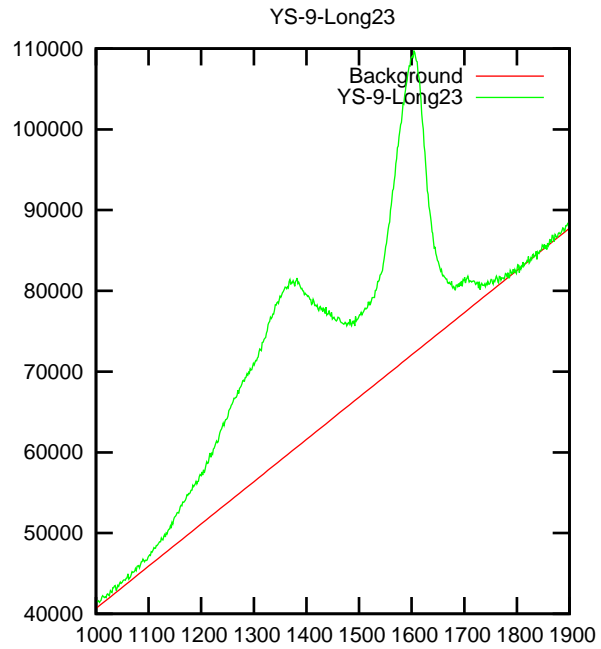
YS-9-Long19 = Noisy

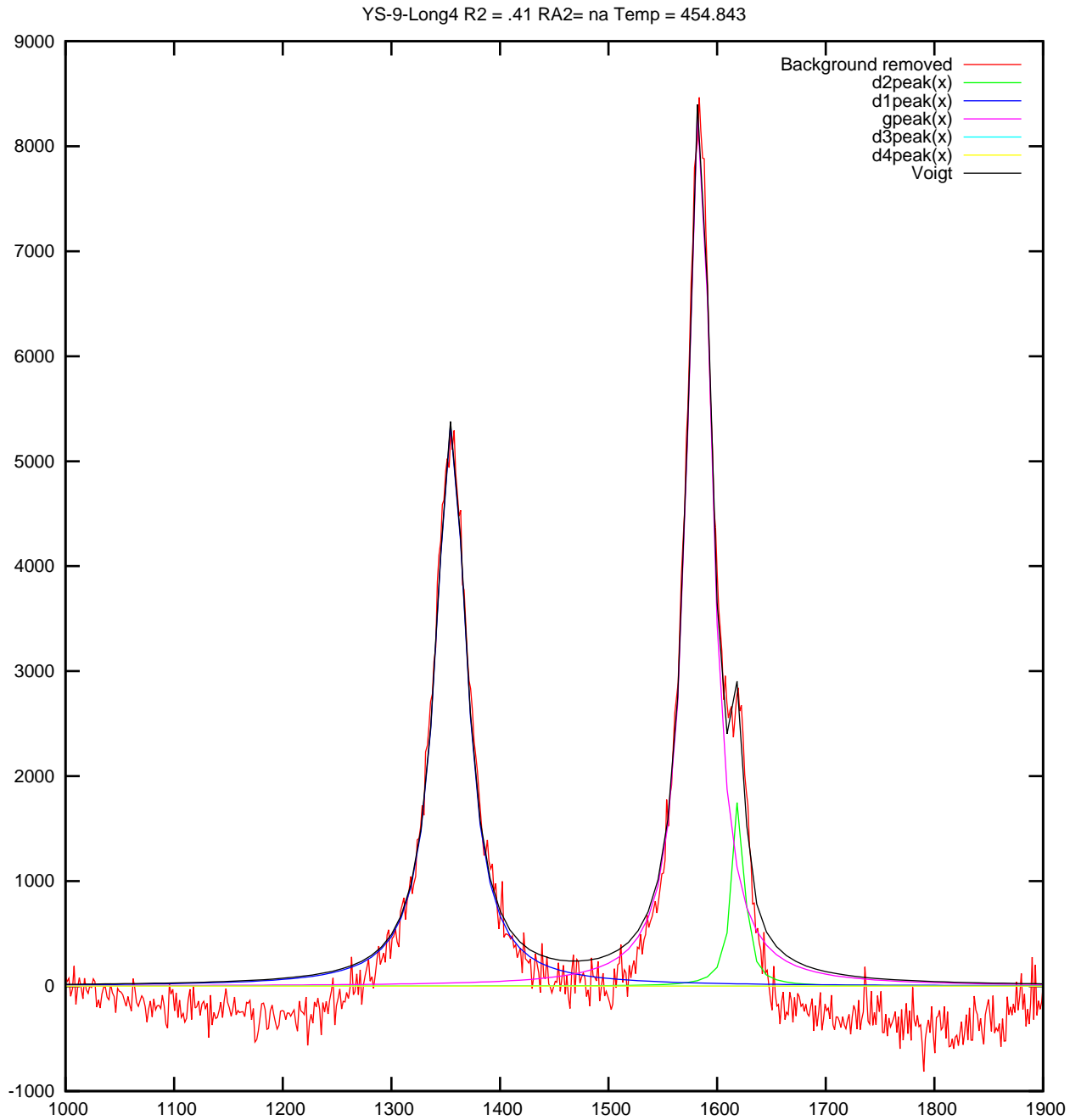
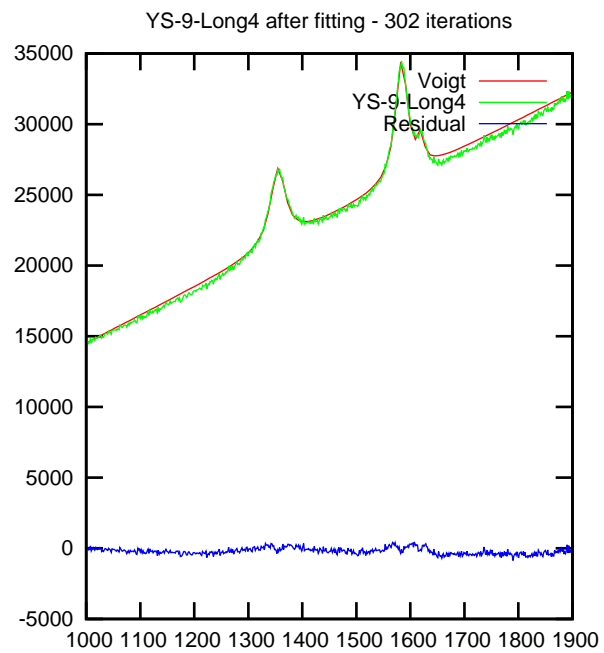
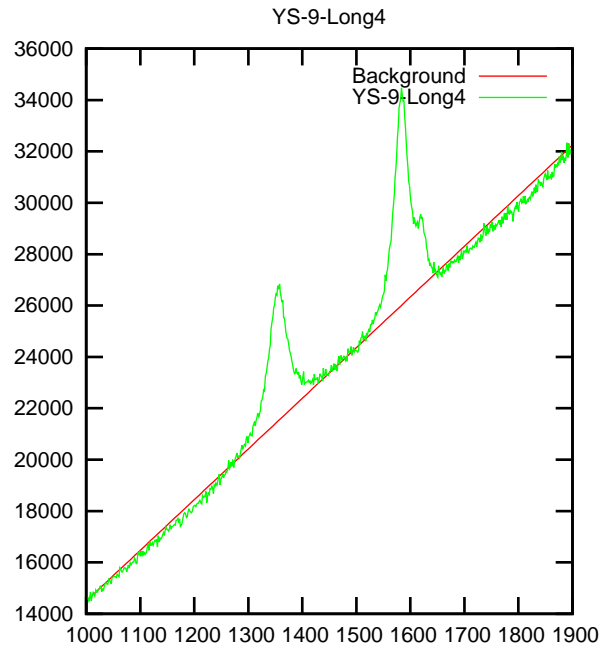


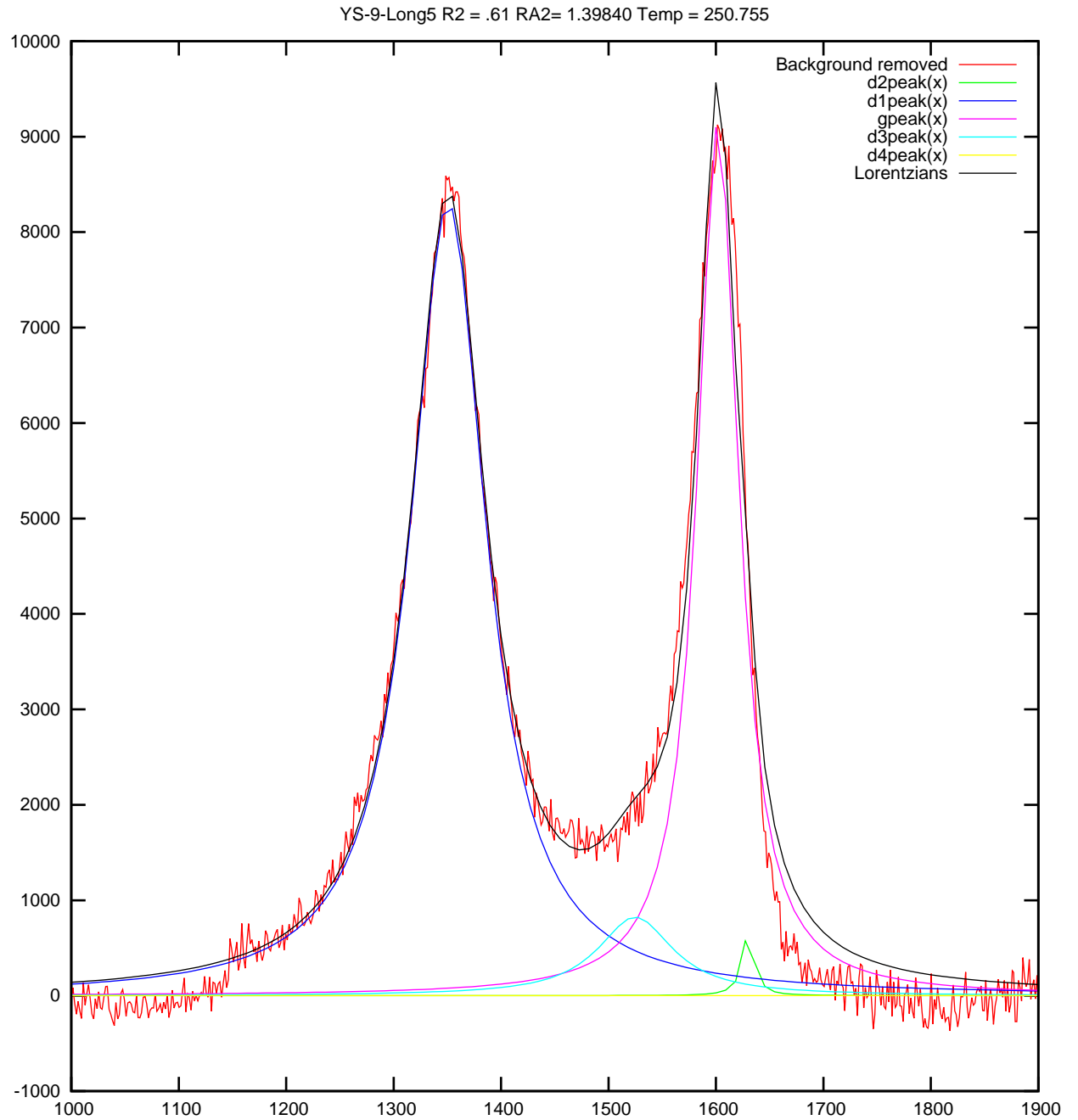
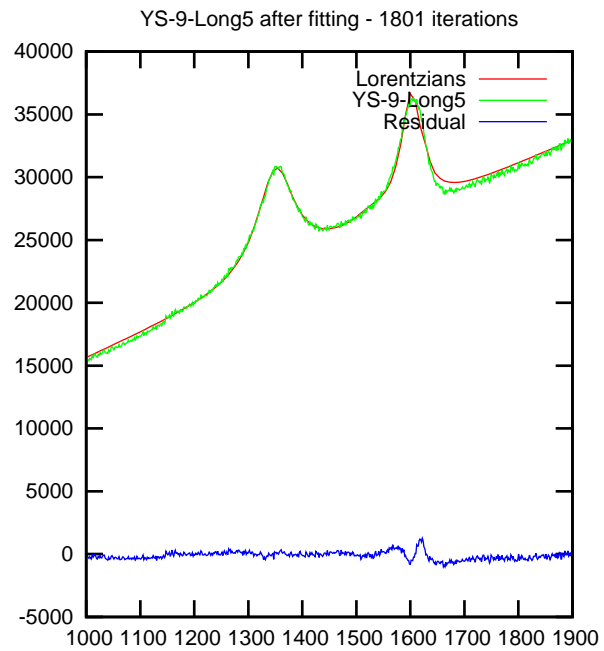
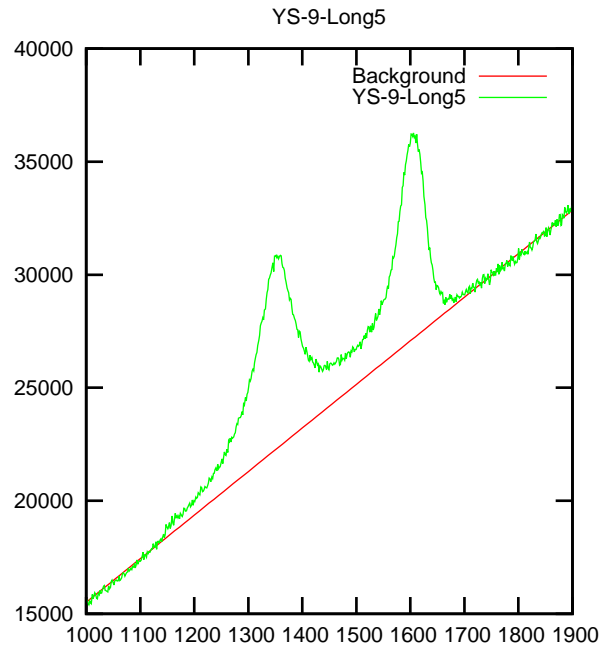




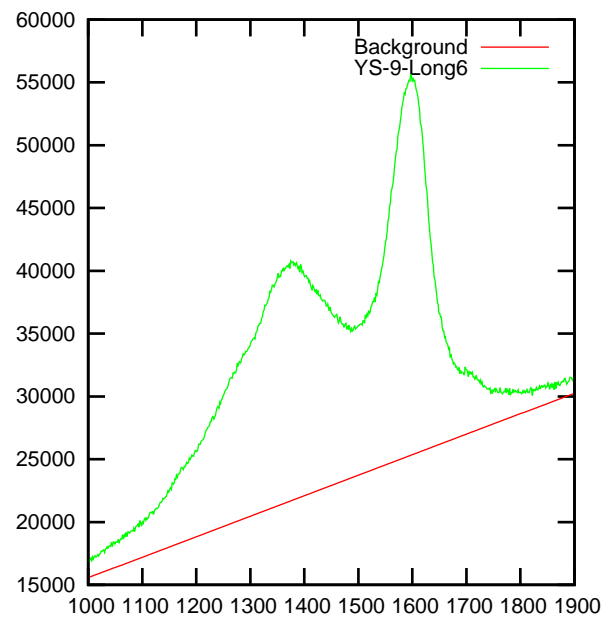




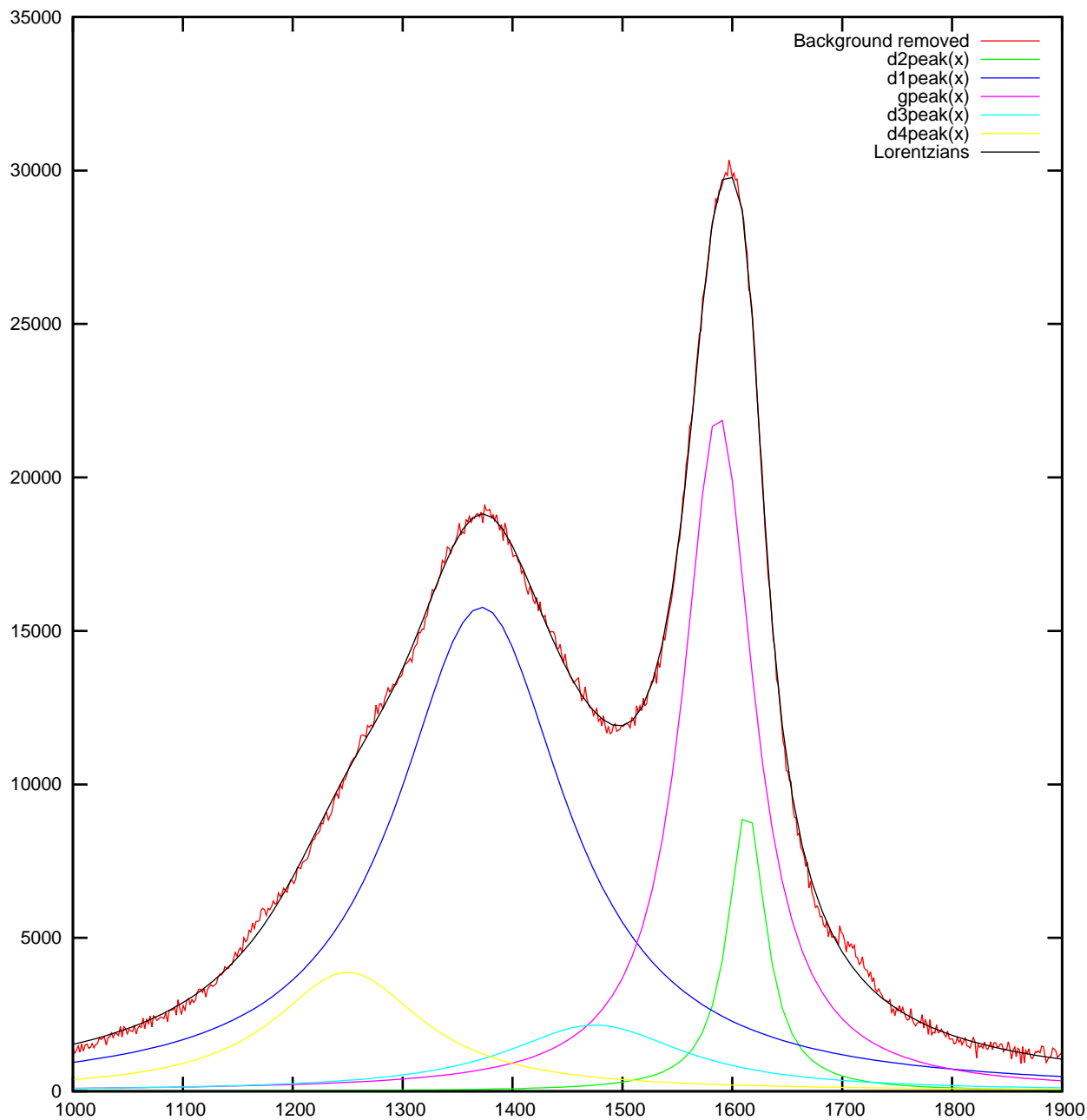




YS-9-Long6



YS-9-Long6 R2 = .58 RA2= 1.42005 Temp = 255.566



YS-9-Long6 after fitting - 16 iterations

