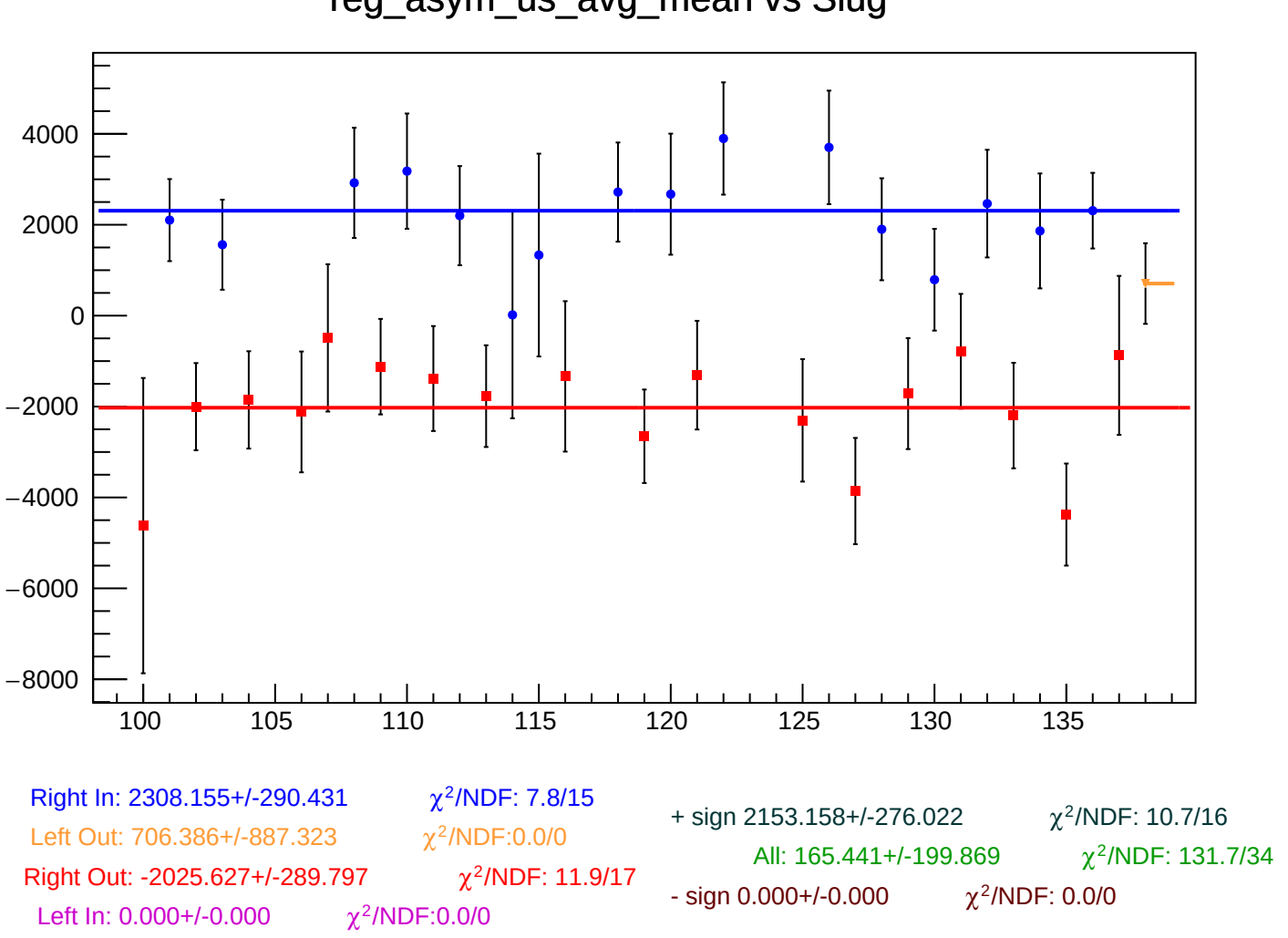
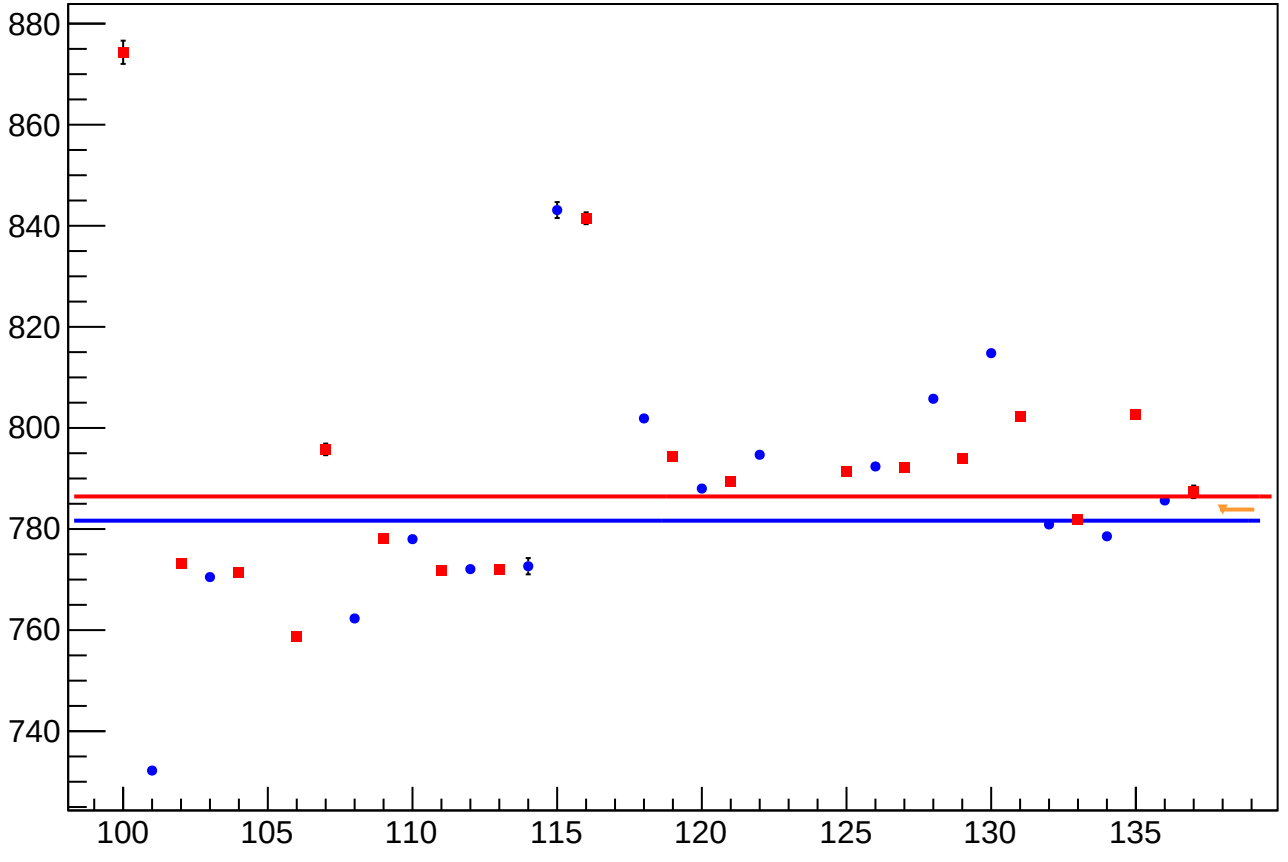

reg_asym_us_avg_mean vs Slug
4000
2000
0
−2000
−4000
−6000
−8000
100
105
110
115
120
125
130
135
Right In: 2308.155+/-290.431 χ²/NDF: 7.8/15
Left Out: 706.386+/-887.323 χ²/NDF:0.0/0
Right Out: -2025.627+/-289.797 χ²/NDF: 11.9/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 2153.158+/-276.022 χ²/NDF: 10.7/16
All: 165.441+/-199.869 χ²/NDF: 131.7/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 781.654+/-0.205 χ^2/NDF: 12319.0/15

Left Out: 783.858+/-0.627 χ^2/NDF:0.0/0

Right Out: 786.443+/-0.205 χ^2/NDF: 7201.6/17

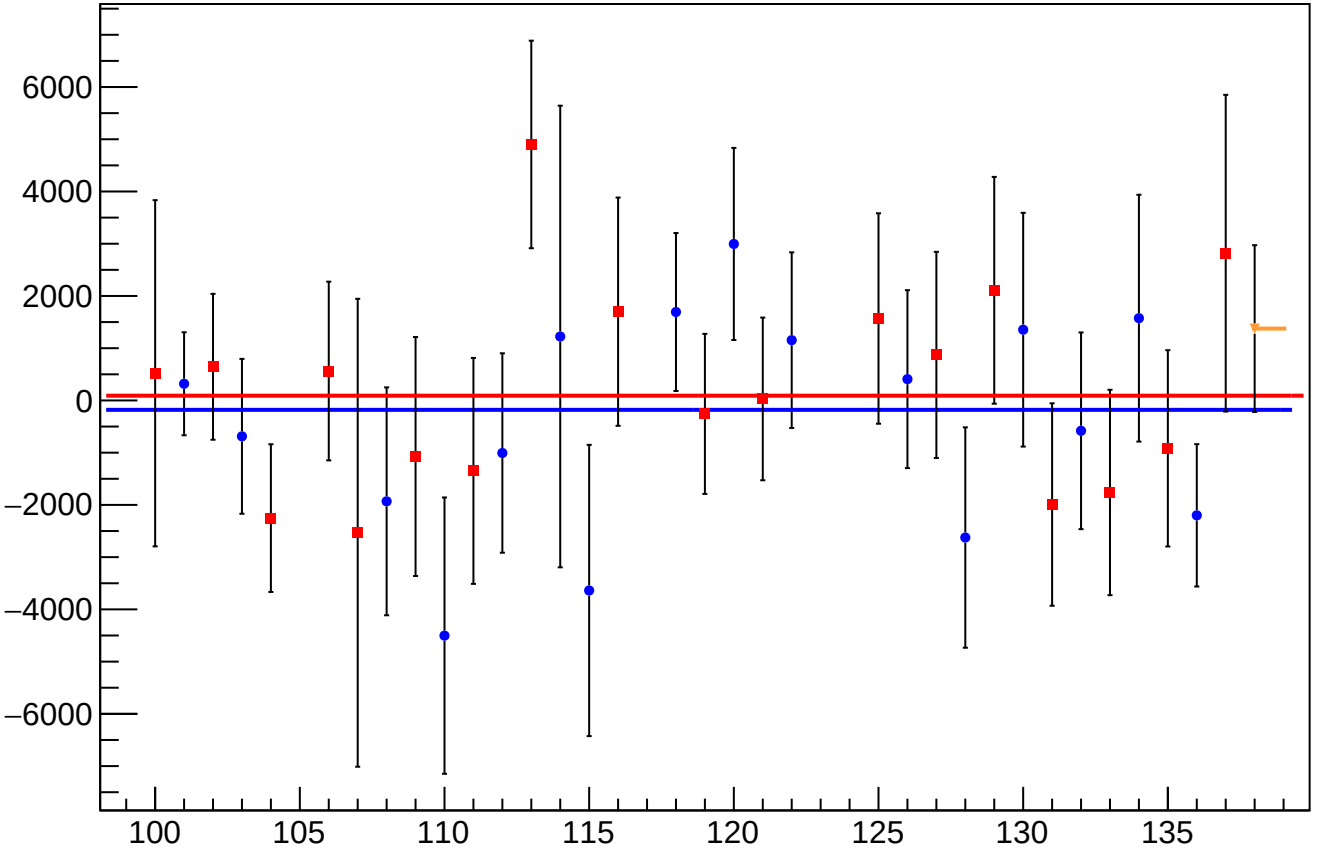
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 781.867+/-0.195 χ^2/NDF: 12330.2/16

All: 784.044+/-0.141 χ^2/NDF: 19793.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_reg_correction_mean vs Slug



Right In: -179.929+/-440.772 χ^2/NDF: 15.4/15

Left Out: 1375.586+/-1596.159 χ^2/NDF:0.0/0

Right Out: 91.288+/-454.811 χ^2/NDF: 15.2/17

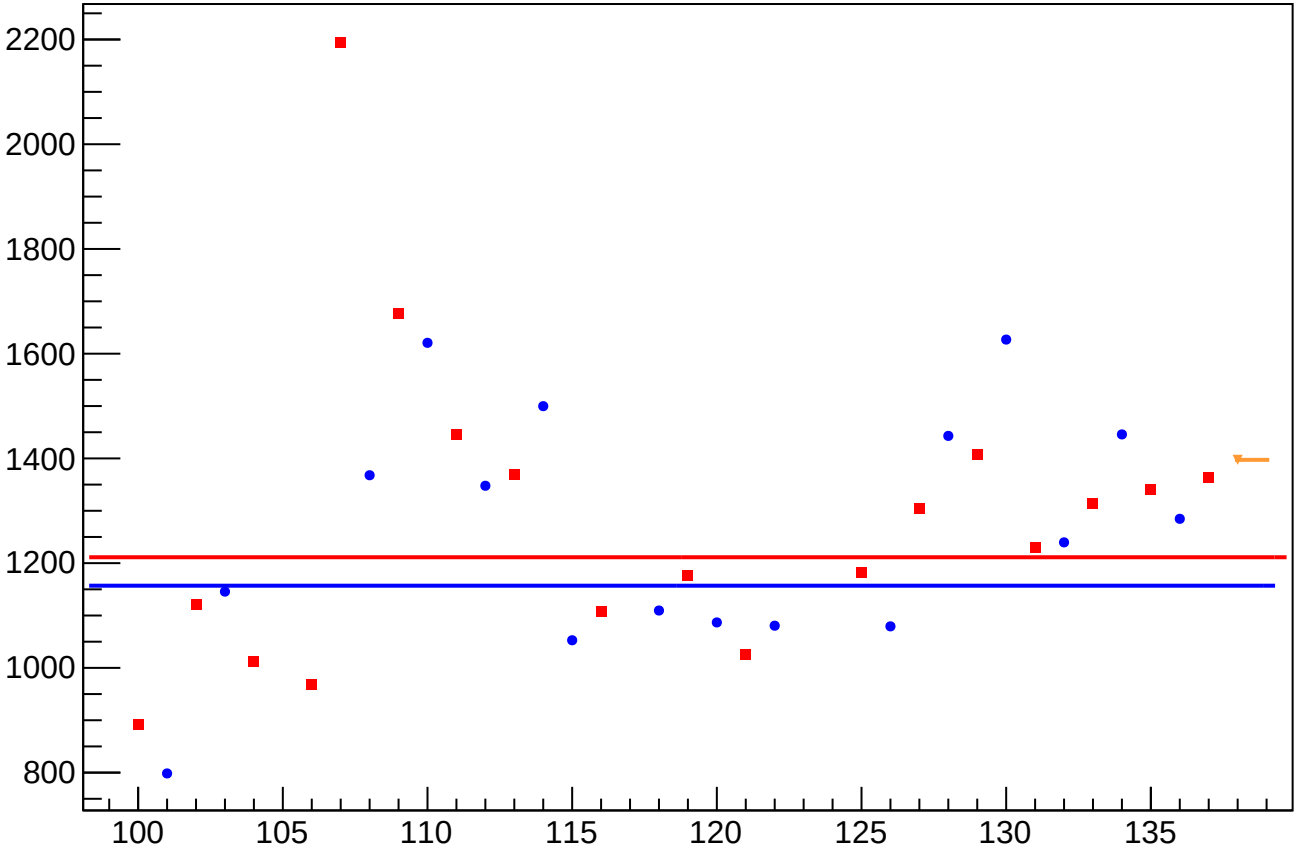
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -69.716+/-424.870 χ^2/NDF: 16.3/16

All: 5.313+/-310.474 χ^2/NDF: 31.5/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_reg_correction_rms vs Slug



Right In: 1156.948+/-0.312 χ^2/NDF: 569119.8/15

Left Out: 1397.270+/-1.129 χ^2/NDF:0.0/0

Right Out: 1211.264+/-0.322 χ^2/NDF: 397714.5/17

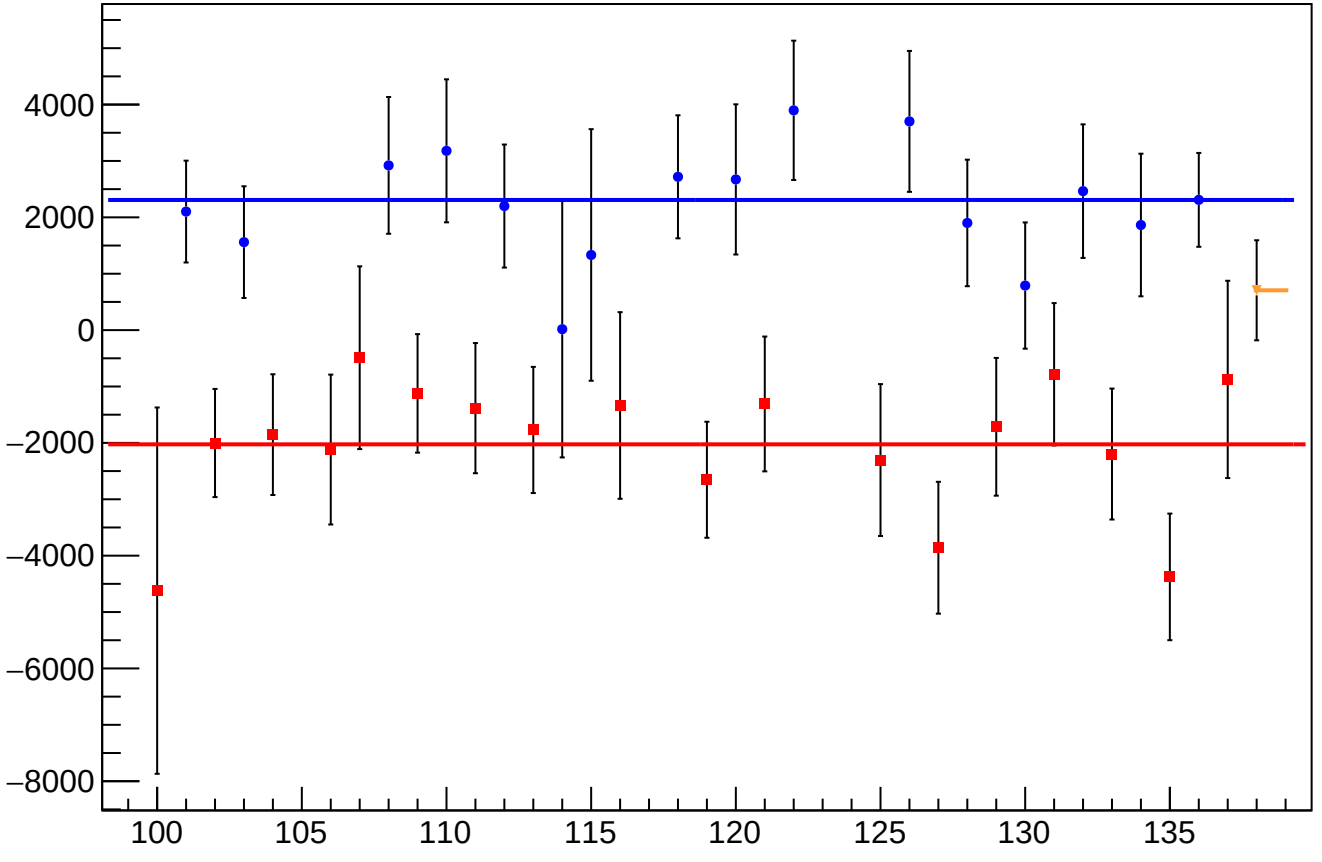
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1173.976+/-0.300 χ^2/NDF: 611245.8/16

All: 1191.352+/-0.220 χ^2/NDF: 1016139.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_mean vs Slug



Right In: 2308.155+/-290.431 χ^2/NDF: 7.8/15

Left Out: 706.386+/-887.323 χ^2/NDF:0.0/0

Right Out: -2025.627+/-289.797 χ^2/NDF: 11.9/17

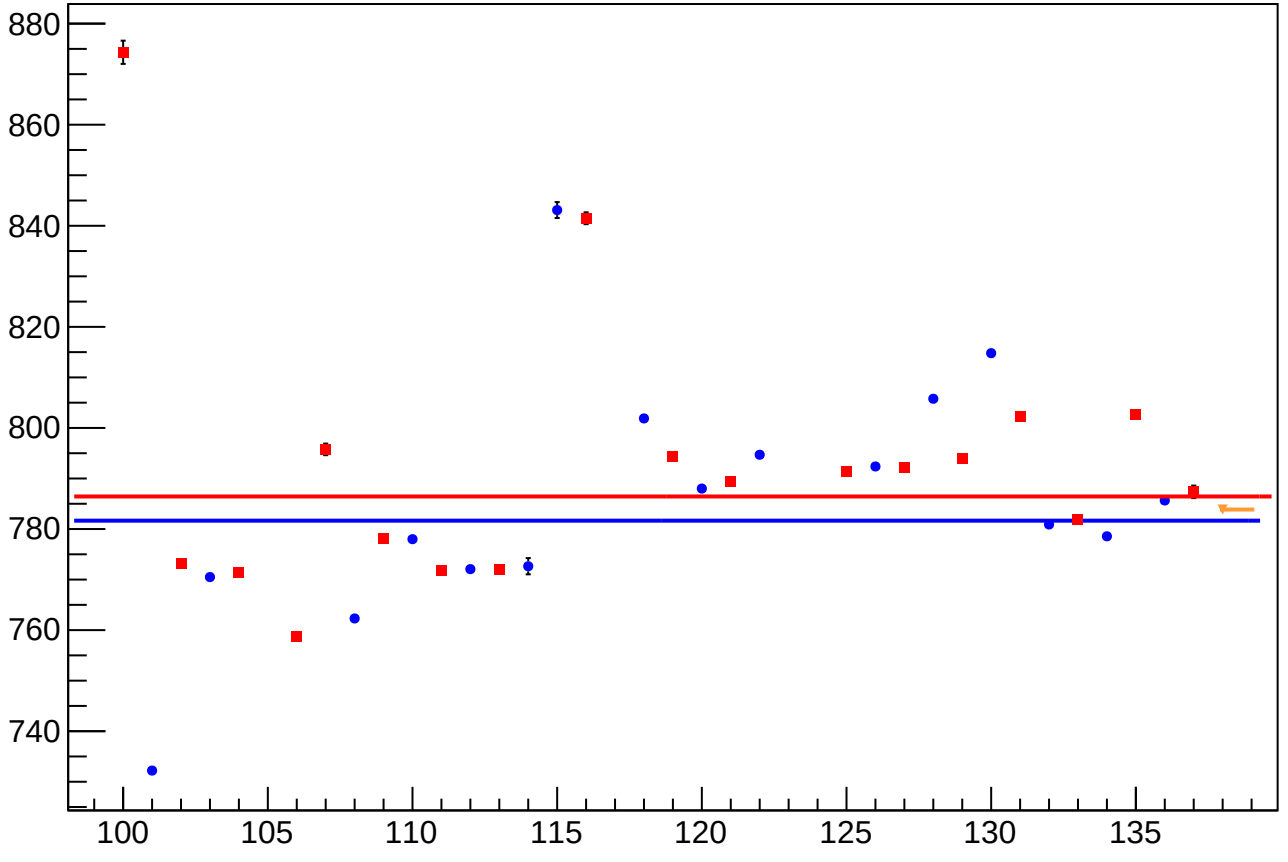
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2153.158+/-276.022 χ^2/NDF: 10.7/16

All: 165.441+/-199.869 χ^2/NDF: 131.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_rms vs Slug



Right In: 781.654+/-0.205 χ^2/NDF: 12319.0/15

Left Out: 783.858+/-0.627 χ^2/NDF:0.0/0

Right Out: 786.443+/-0.205 χ^2/NDF: 7201.6/17

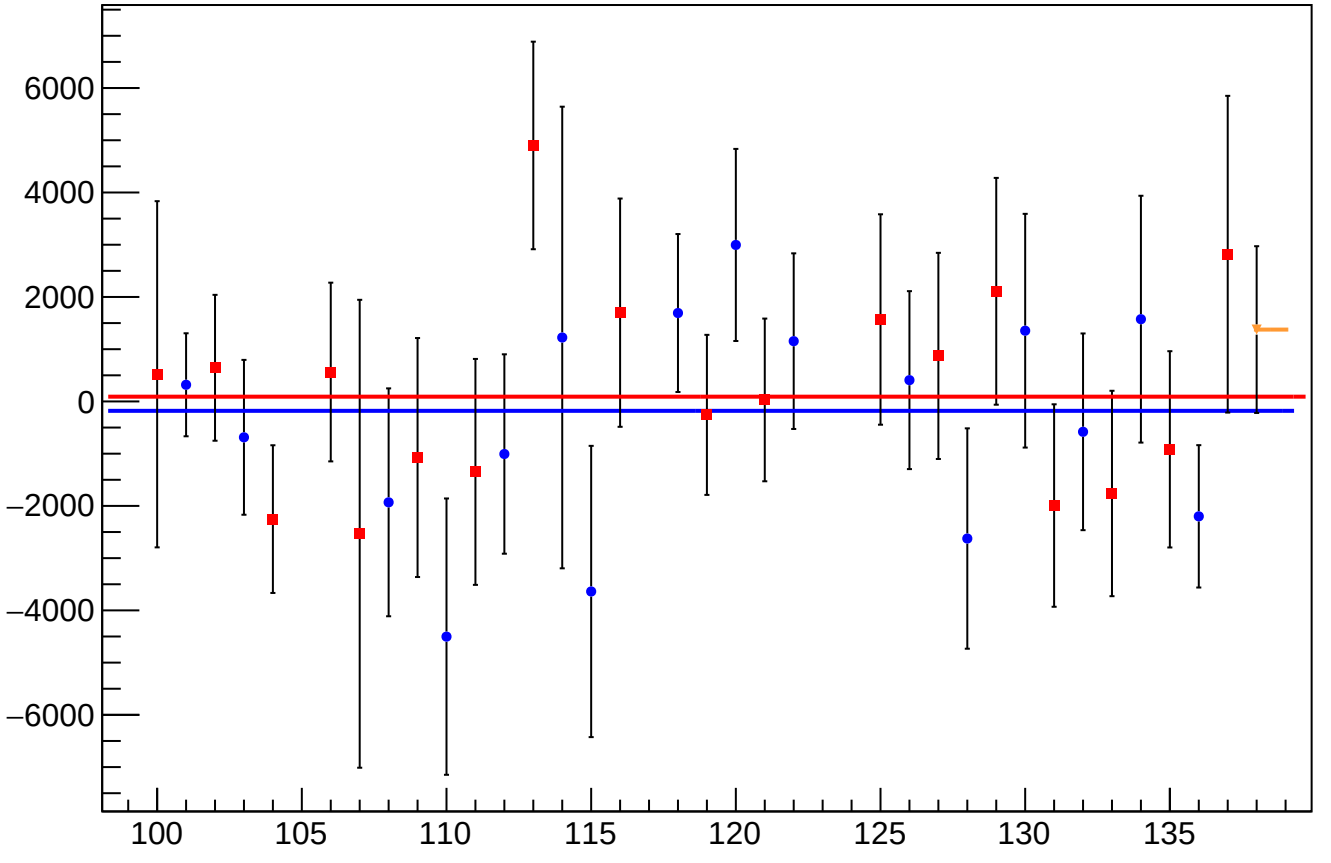
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 781.867+/-0.195 χ^2/NDF: 12330.2/16

All: 784.044+/-0.141 χ^2/NDF: 19793.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_cor_correction_mean vs Slug



Right In: -179.929+/-440.772 χ^2/NDF: 15.4/15

Left Out: 1375.586+/-1596.159 χ^2/NDF:0.0/0

Right Out: 91.288+/-454.811 χ^2/NDF: 15.2/17

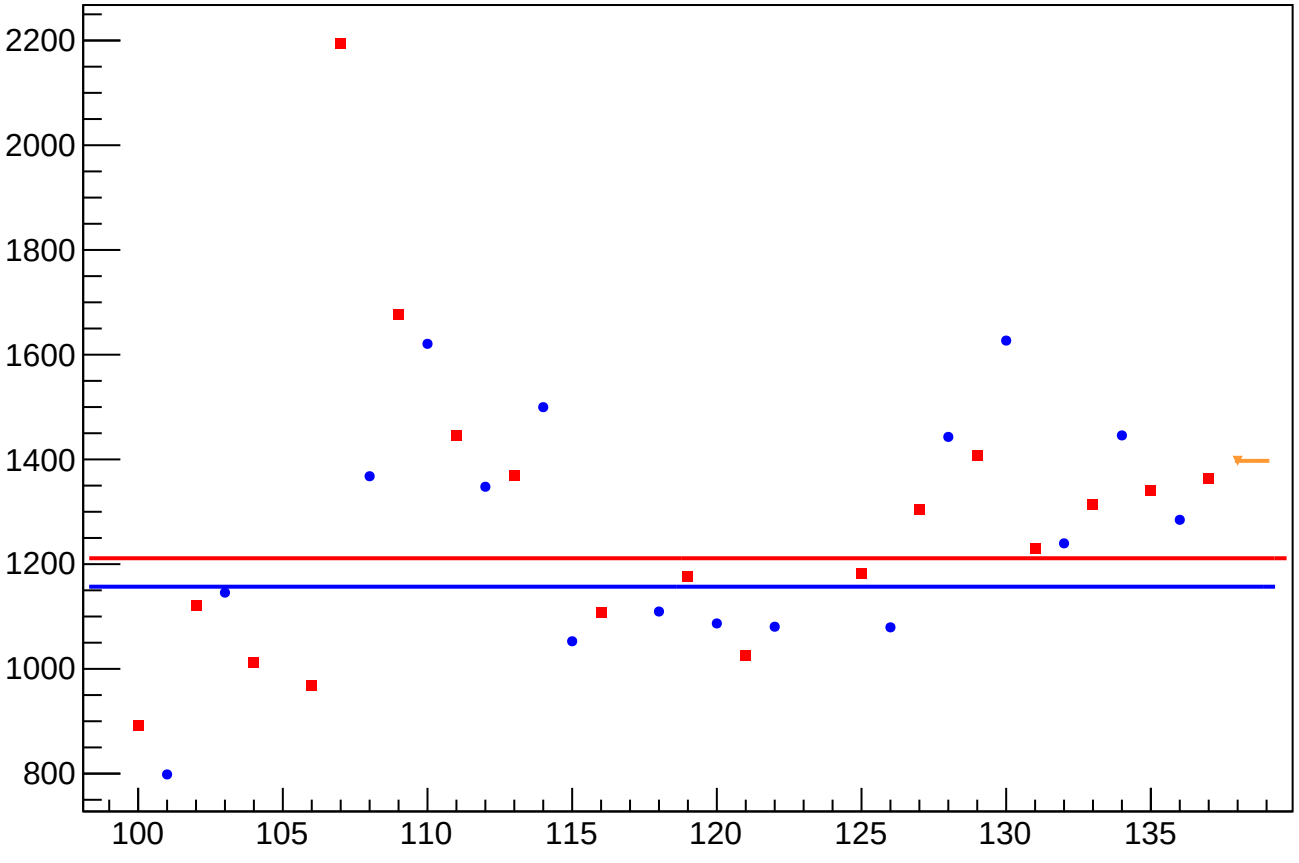
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -69.716+/-424.870 χ^2/NDF: 16.3/16

All: 5.313+/-310.474 χ^2/NDF: 31.5/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1156.948+/-0.312 χ^2/NDF: 569119.8/15

Left Out: 1397.270+/-1.129 χ^2/NDF:0.0/0

Right Out: 1211.264+/-0.322 χ^2/NDF: 397714.5/17

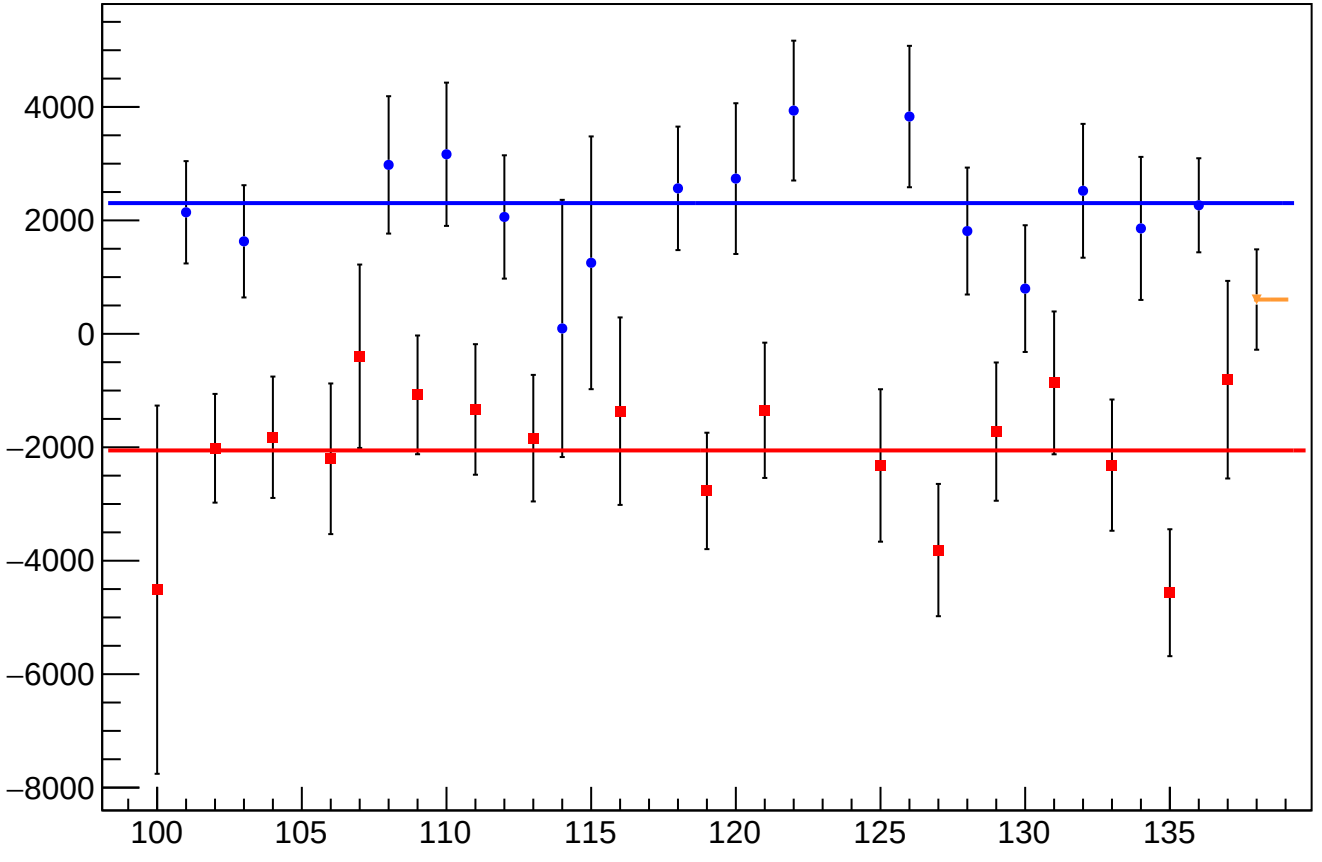
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1173.976+/-0.300 χ^2/NDF: 611245.8/16

All: 1191.352+/-0.220 χ^2/NDF: 1016139.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_us_avg_mean vs Slug



Right In: 2304.852+/-289.704 χ^2/NDF: 8.1/15

Left Out: 604.640+/-884.807 χ^2/NDF:0.0/0

Right Out: -2055.666+/-289.090 χ^2/NDF: 12.9/17

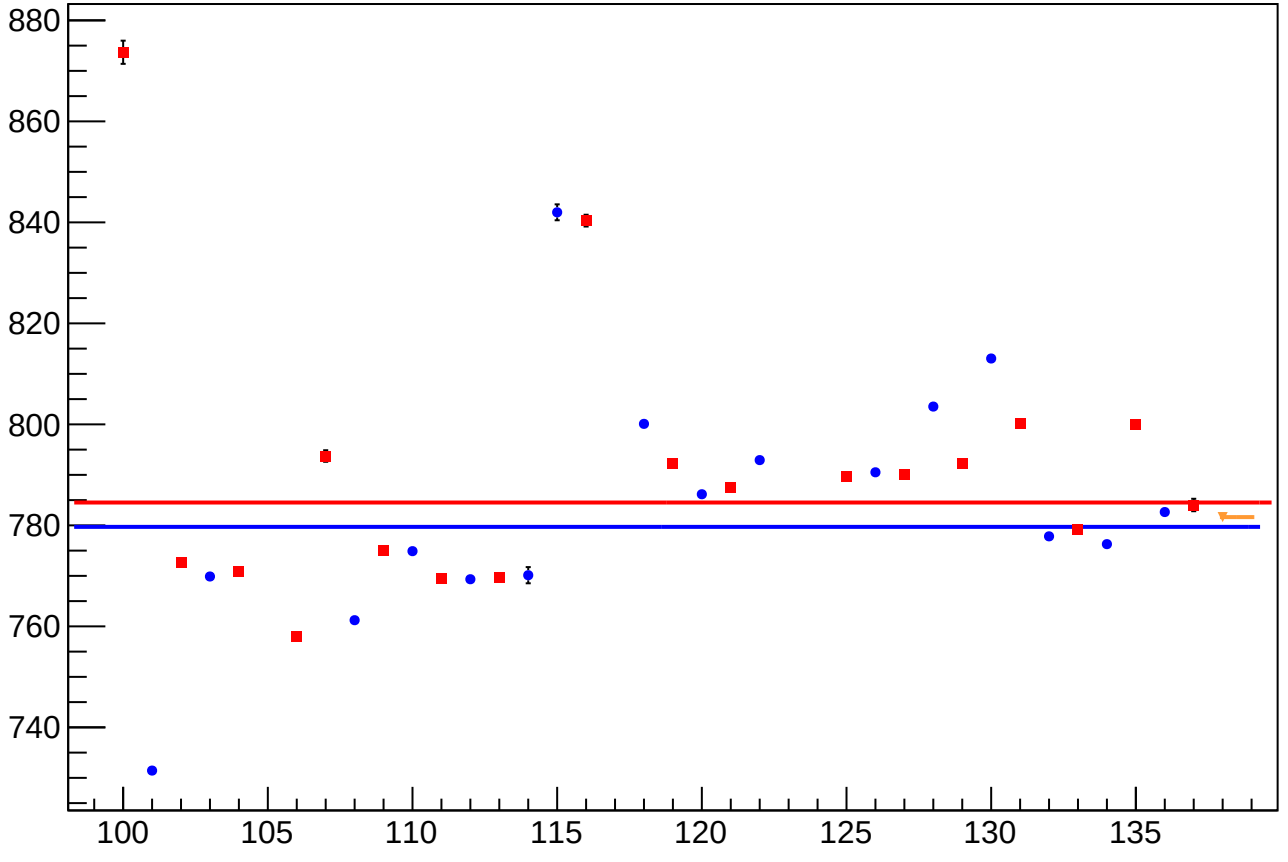
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2140.231+/-275.321 χ^2/NDF: 11.4/16

All: 144.576+/-199.371 χ^2/NDF: 134.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_us_avg_rms vs Slug



Right In: 779.702+/-0.205 χ^2/NDF: 12060.2/15

Left Out: 781.637+/-0.626 χ^2/NDF:0.0/0

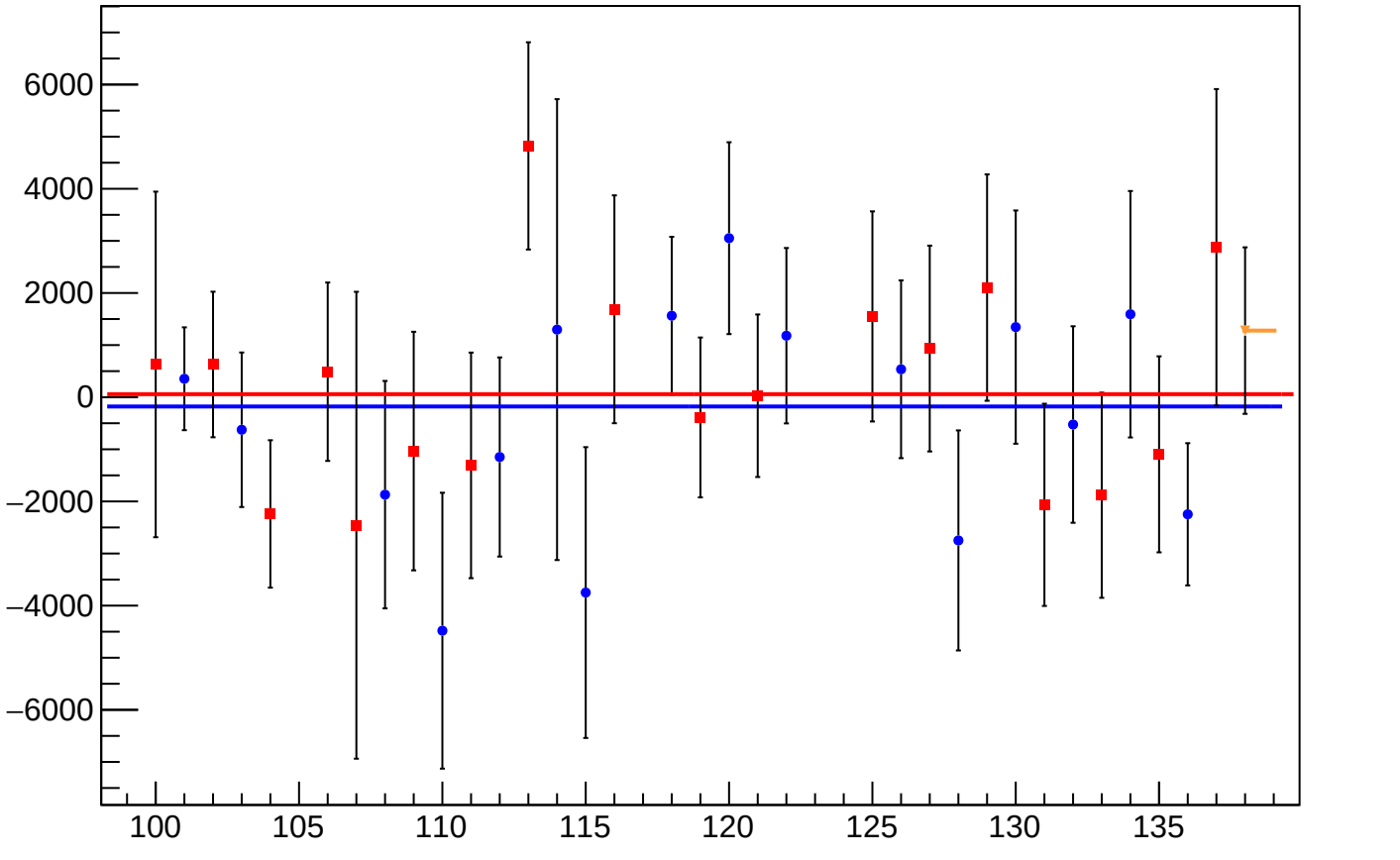
Right Out: 784.524+/-0.204 χ^2/NDF: 7160.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 779.890+/-0.195 χ^2/NDF: 12068.9/16

All: 782.094+/-0.141 χ^2/NDF: 19498.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -178.457+/-441.218 χ^2/NDF: 15.7/15

Left Out: 1278.204+/-1597.627 χ^2/NDF:0.0/0

Right Out: 58.040+/-455.216 χ^2/NDF: 15.3/17

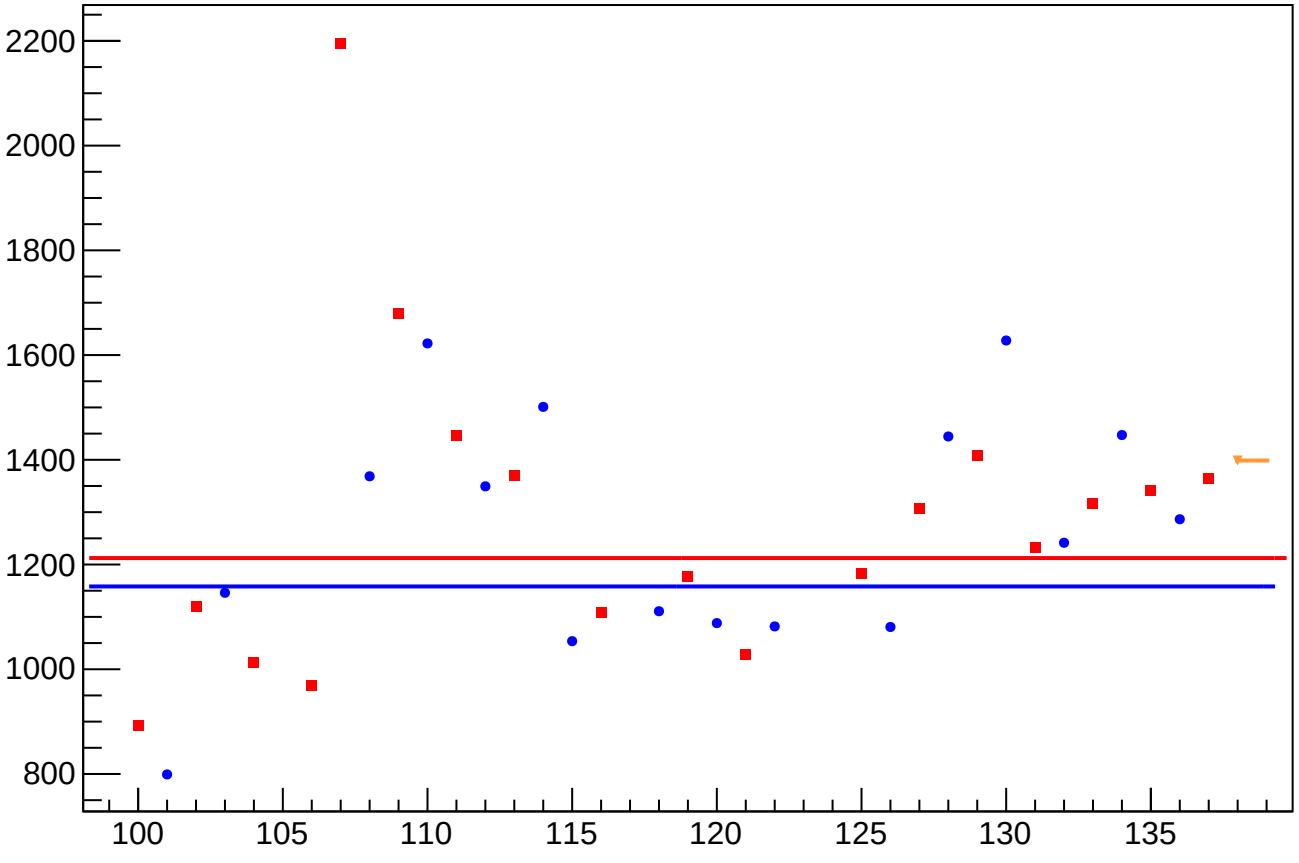
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -75.230+/-425.297 χ^2/NDF: 16.5/16

All: -13.118+/-310.770 χ^2/NDF: 31.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1158.134+/-0.312 χ^2/NDF: 569144.8/15

Left Out: 1398.596+/-1.130 χ^2/NDF:0.0/0

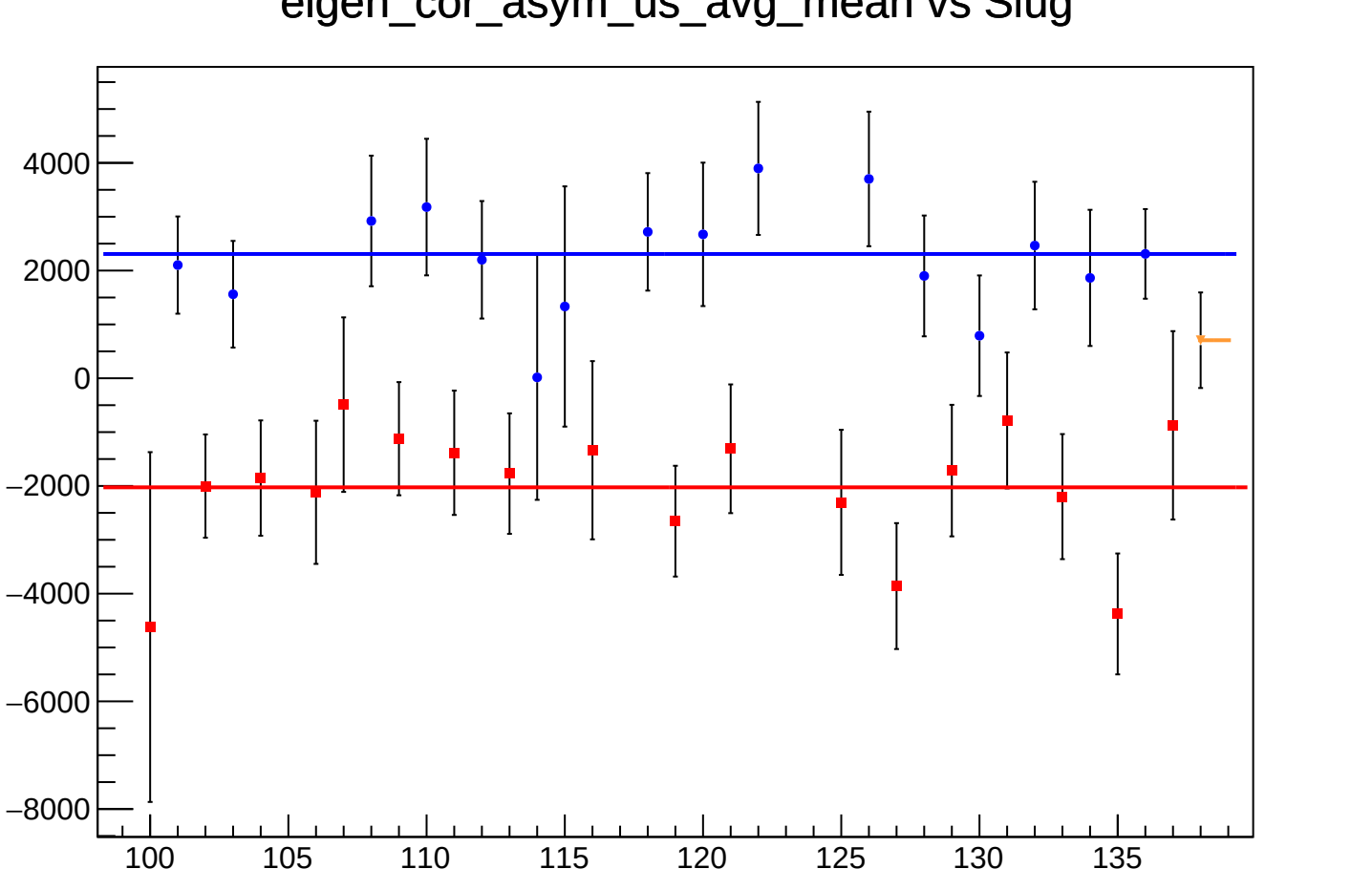
Right Out: 1212.347+/-0.322 χ^2/NDF: 397938.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1175.174+/-0.301 χ^2/NDF: 611242.0/16

All: 1192.499+/-0.220 χ^2/NDF: 1016301.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2308.155+/-290.431 χ^2/NDF: 7.8/15

Left Out: 706.386+/-887.323 χ^2/NDF:0.0/0

Right Out: -2025.627+/-289.797 χ^2/NDF: 11.9/17

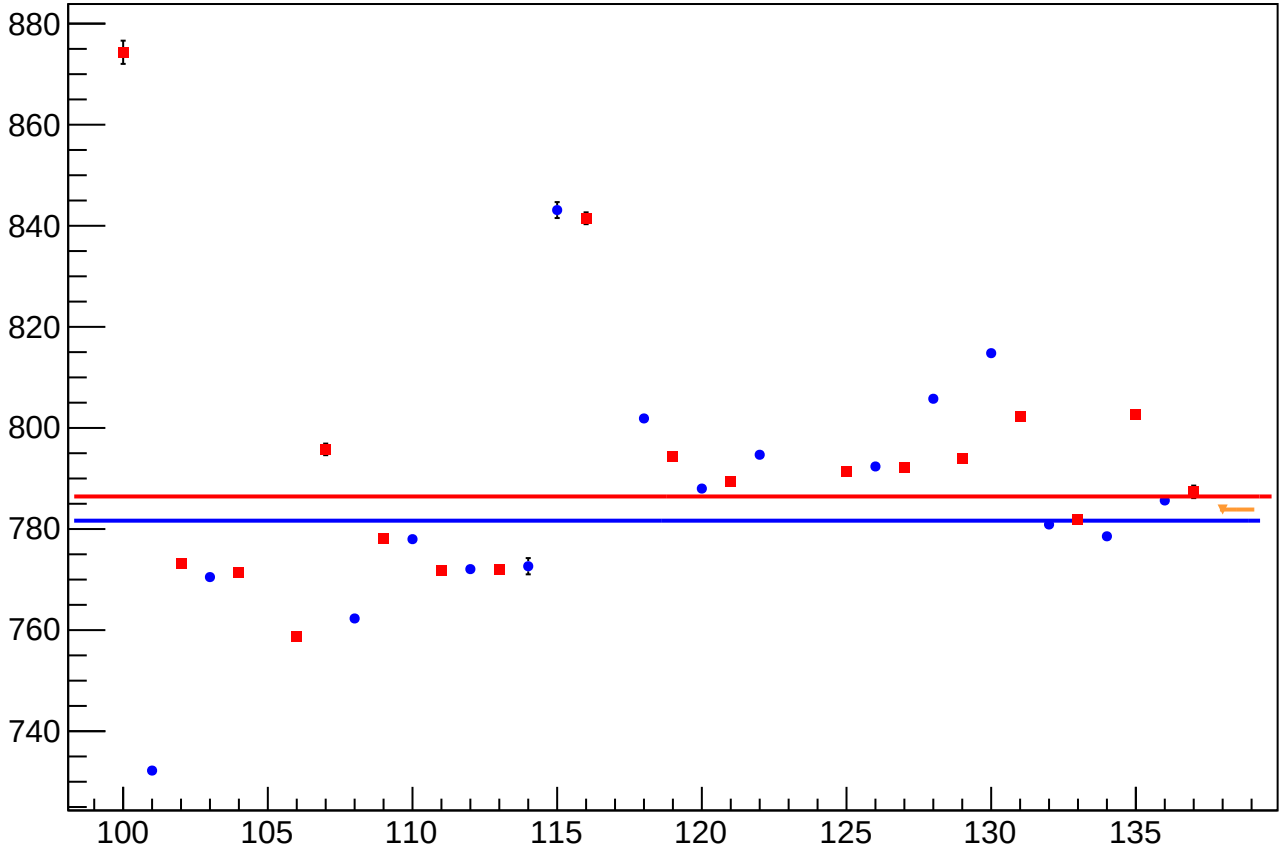
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2153.158+/-276.022 χ^2/NDF: 10.7/16

All: 165.441+/-199.869 χ^2/NDF: 131.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_rms vs Slug



Right In: 781.654+/-0.205 χ^2/NDF: 12319.0/15

Left Out: 783.858+/-0.627 χ^2/NDF:0.0/0

Right Out: 786.443+/-0.205 χ^2/NDF: 7201.6/17

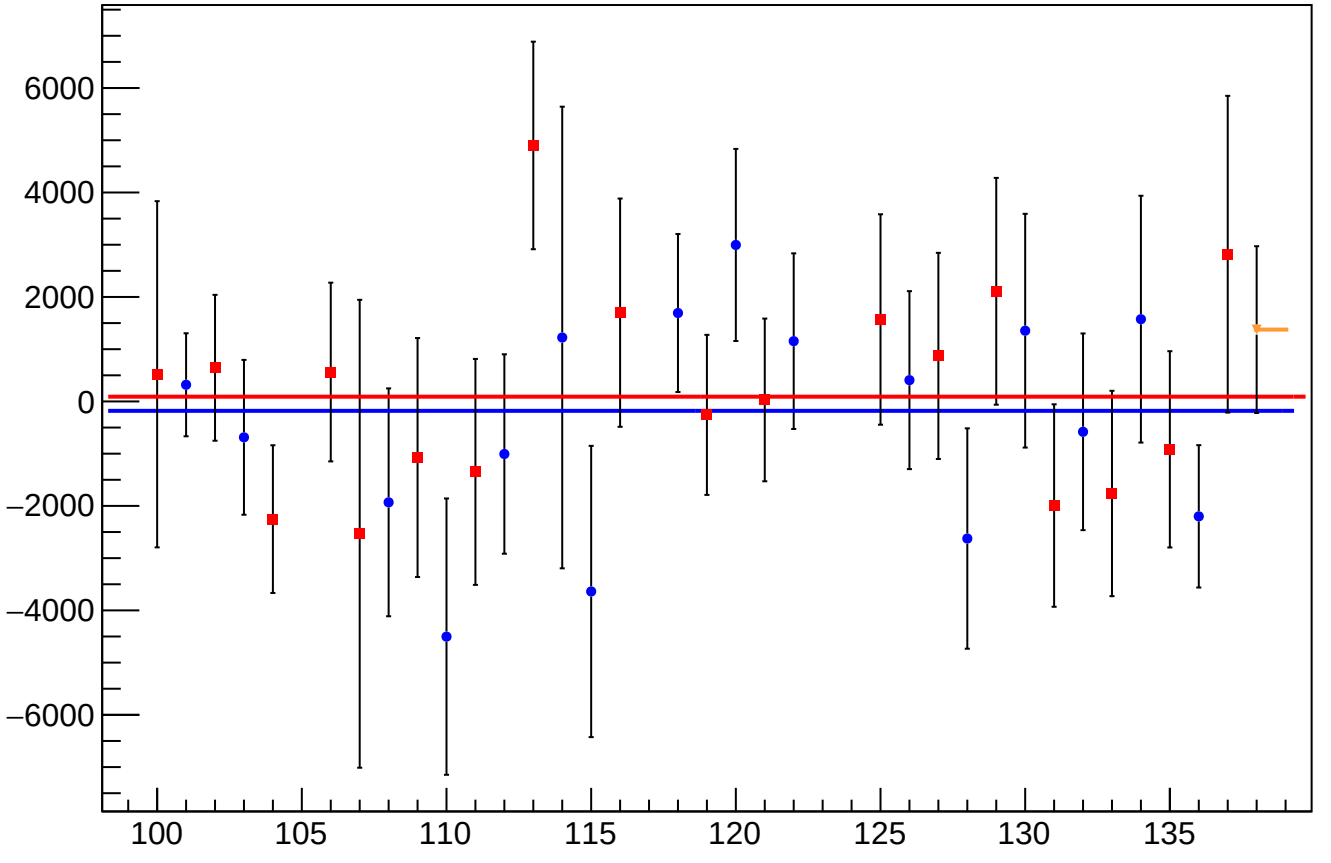
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 781.867+/-0.195 χ^2/NDF: 12330.2/16

All: 784.044+/-0.141 χ^2/NDF: 19793.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: -179.929+/-440.772 χ^2/NDF: 15.4/15

Left Out: 1375.586+/-1596.159 χ^2/NDF:0.0/0

Right Out: 91.288+/-454.811 χ^2/NDF: 15.2/17

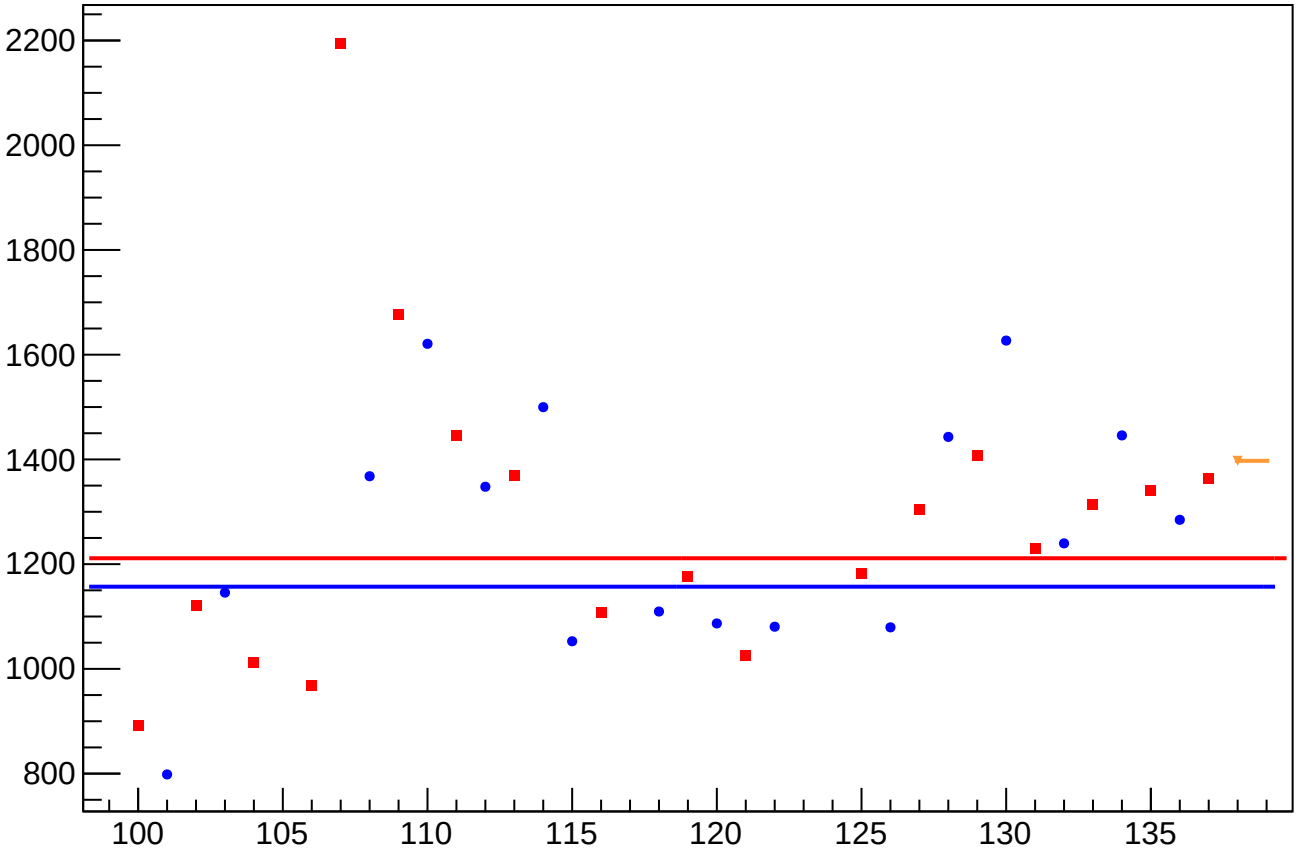
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -69.716+/-424.870 χ^2/NDF: 16.3/16

All: 5.313+/-310.474 χ^2/NDF: 31.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1156.948+/-0.312 χ^2/NDF: 569119.8/15

Left Out: 1397.270+/-1.129 χ^2/NDF:0.0/0

Right Out: 1211.264+/-0.322 χ^2/NDF: 397714.5/17

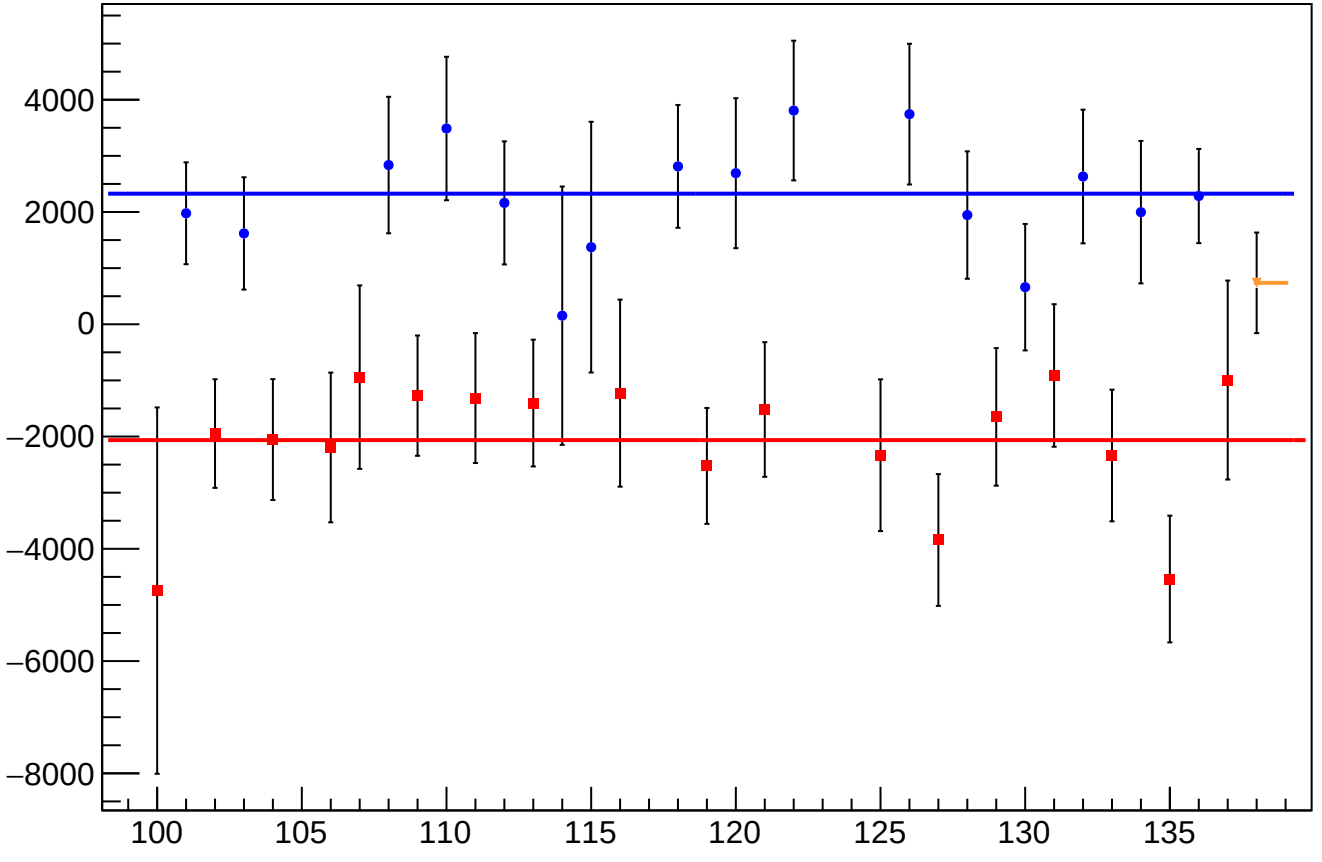
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1173.976+/-0.300 χ^2/NDF: 611245.8/16

All: 1191.352+/-0.220 χ^2/NDF: 1016139.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_mean vs Slug



Right In: 2326.430+/-292.176 χ^2/NDF: 8.1/15

Left Out: 738.222+/-896.273 χ^2/NDF:0.0/0

Right Out: -2063.976+/-291.790 χ^2/NDF: 11.6/17

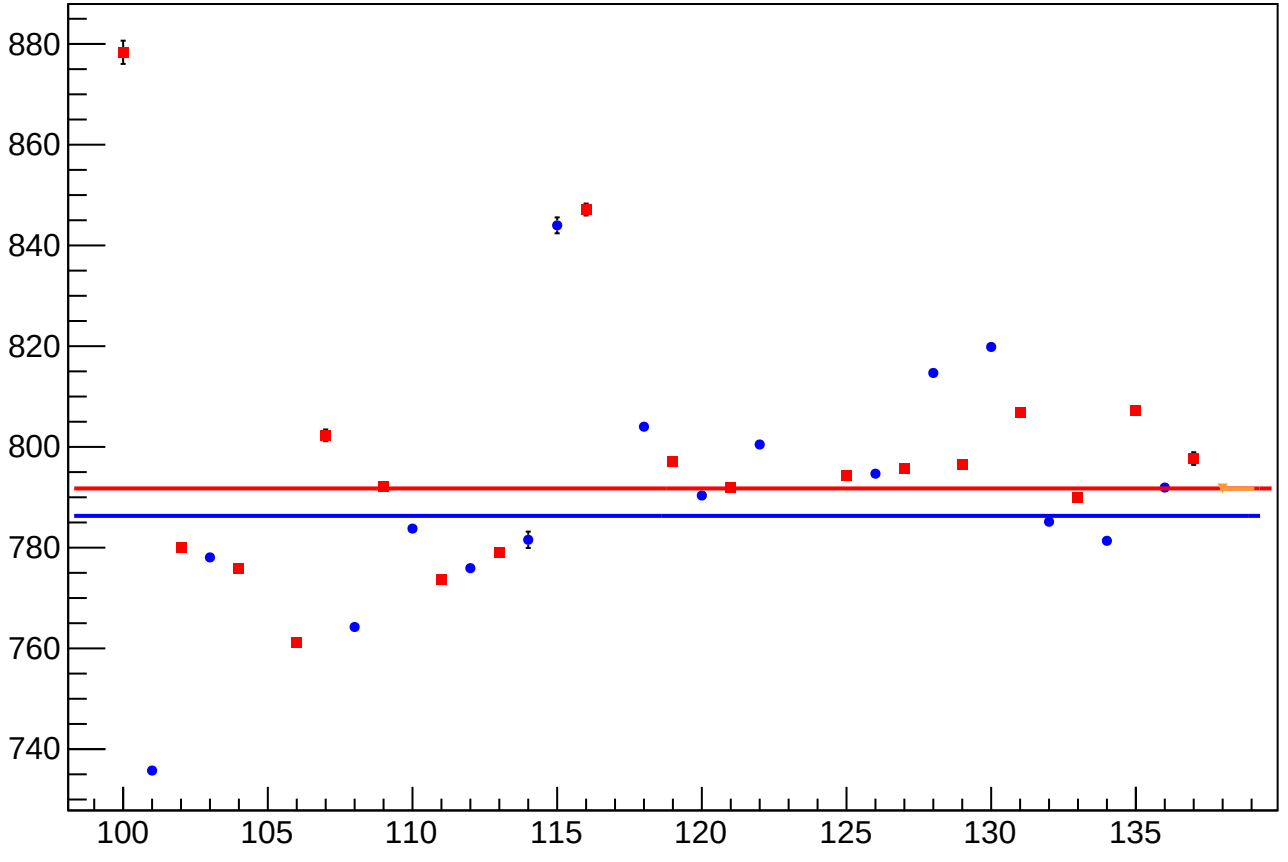
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2173.865+/-277.788 χ^2/NDF: 11.0/16

All: 159.062+/-201.194 χ^2/NDF: 133.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_rms vs Slug



Right In: 786.309+/-0.207 χ^2/NDF: 12571.1/15

Left Out: 791.743+/-0.634 χ^2/NDF:0.0/0

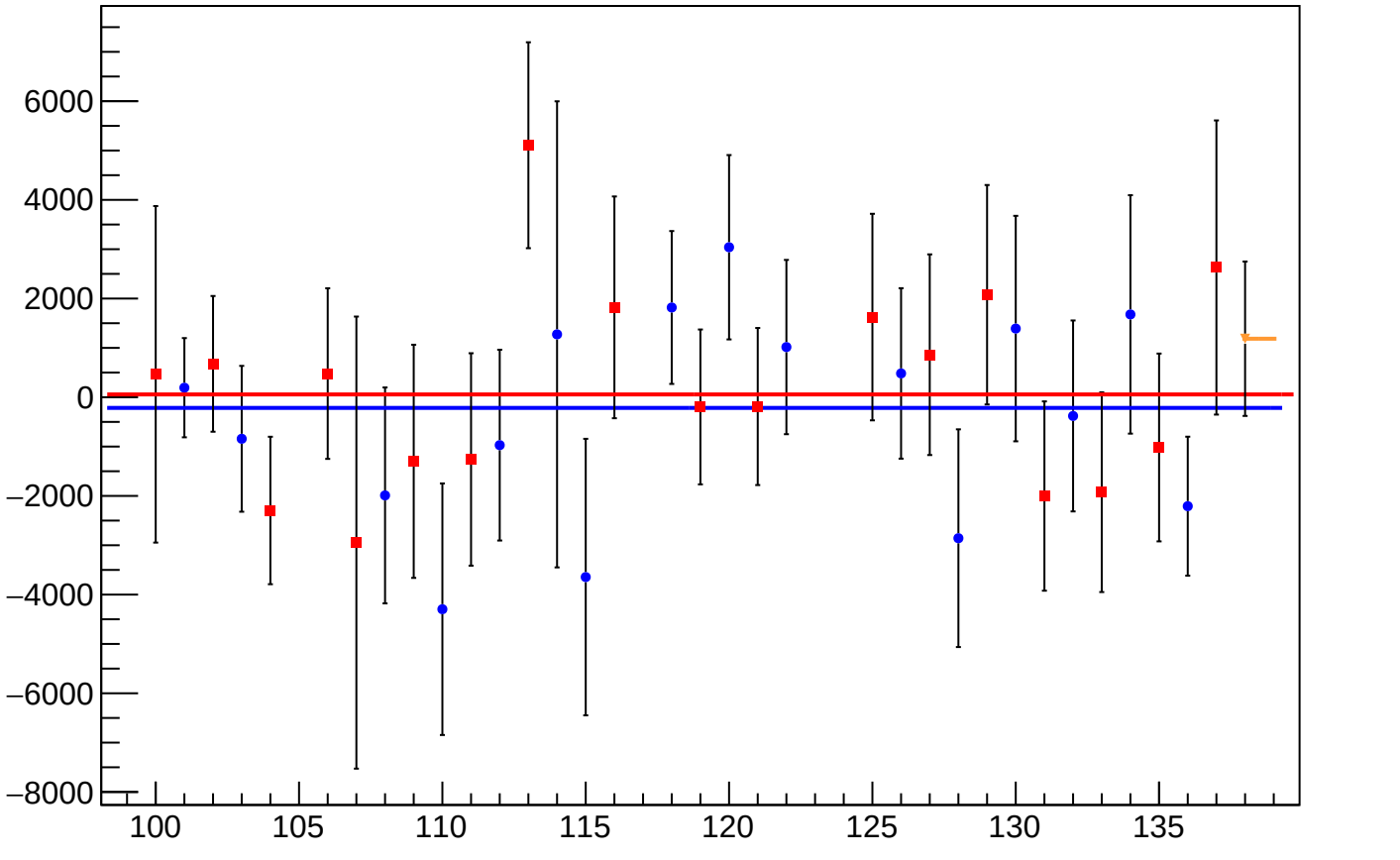
Right Out: 791.756+/-0.206 χ^2/NDF: 7015.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 786.831+/-0.196 χ^2/NDF: 12637.5/16

All: 789.173+/-0.142 χ^2/NDF: 19951.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -216.184+/-449.537 χ^2/NDF: 15.3/15

Left Out: 1185.800+/-1564.515 χ^2/NDF:0.0/0

Right Out: 56.784+/-463.978 χ^2/NDF: 15.1/17

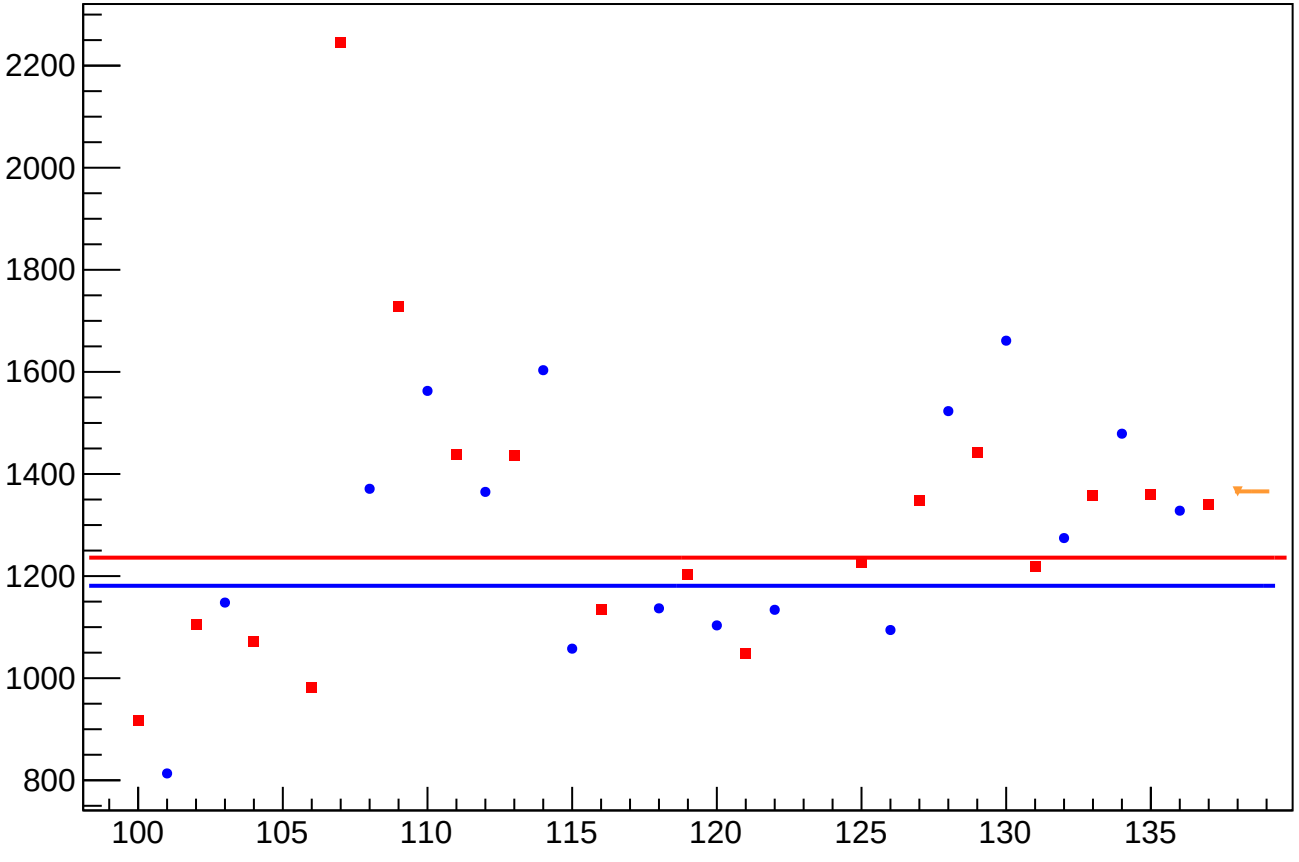
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -109.263+/-432.055 χ^2/NDF: 16.0/16

All: -32.148+/-316.193 χ^2/NDF: 31.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1180.998+/-0.318 χ^2/NDF: 571107.8/15

Left Out: 1365.922+/-1.106 χ^2/NDF:0.0/0

Right Out: 1236.134+/-0.328 χ^2/NDF: 397242.2/17

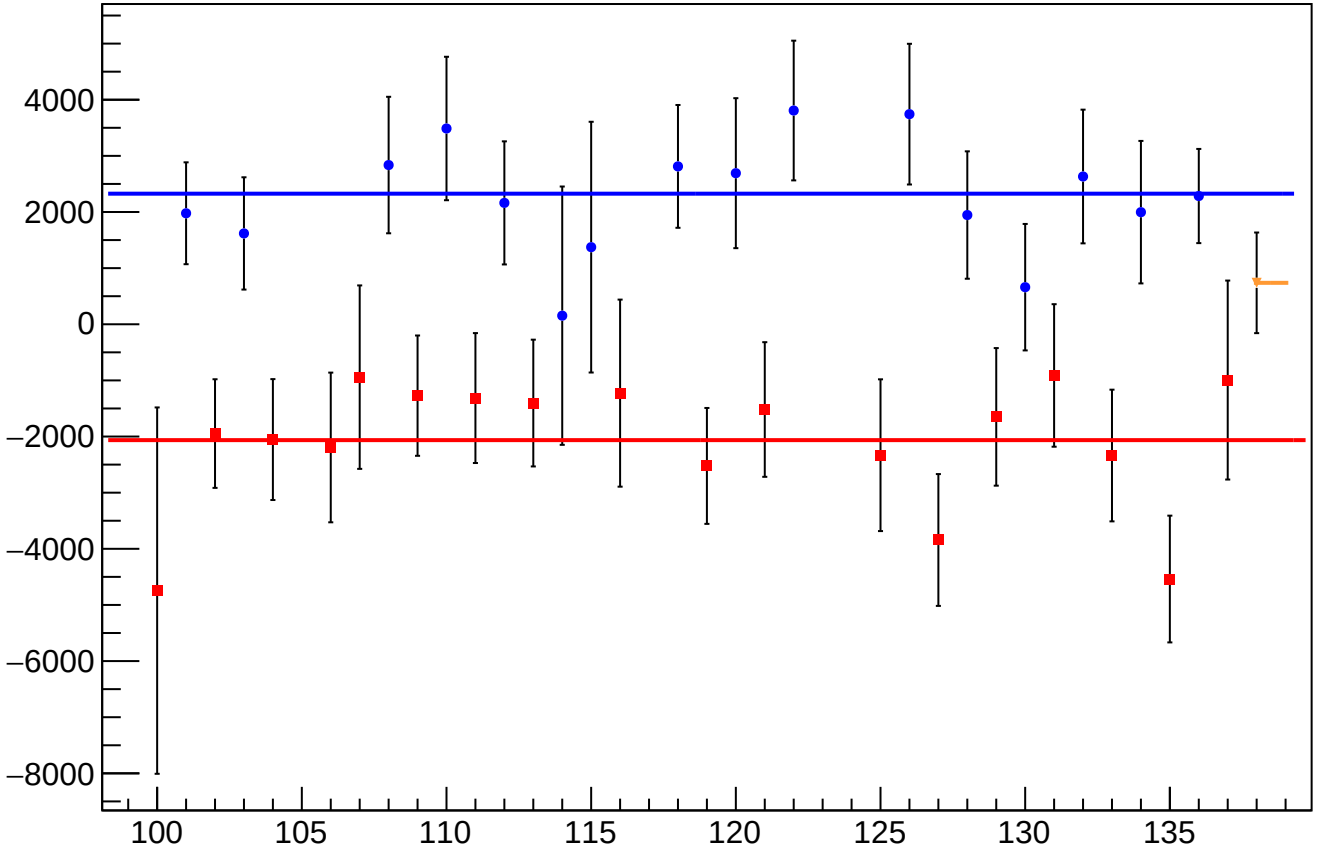
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1195.101+/-0.306 χ^2/NDF: 596919.0/16

All: 1214.158+/-0.224 χ^2/NDF: 1002539.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2326.429+/-292.176 χ^2/NDF: 8.1/15

Left Out: 738.228+/-896.272 χ^2/NDF:0.0/0

Right Out: -2063.975+/-291.790 χ^2/NDF: 11.6/17

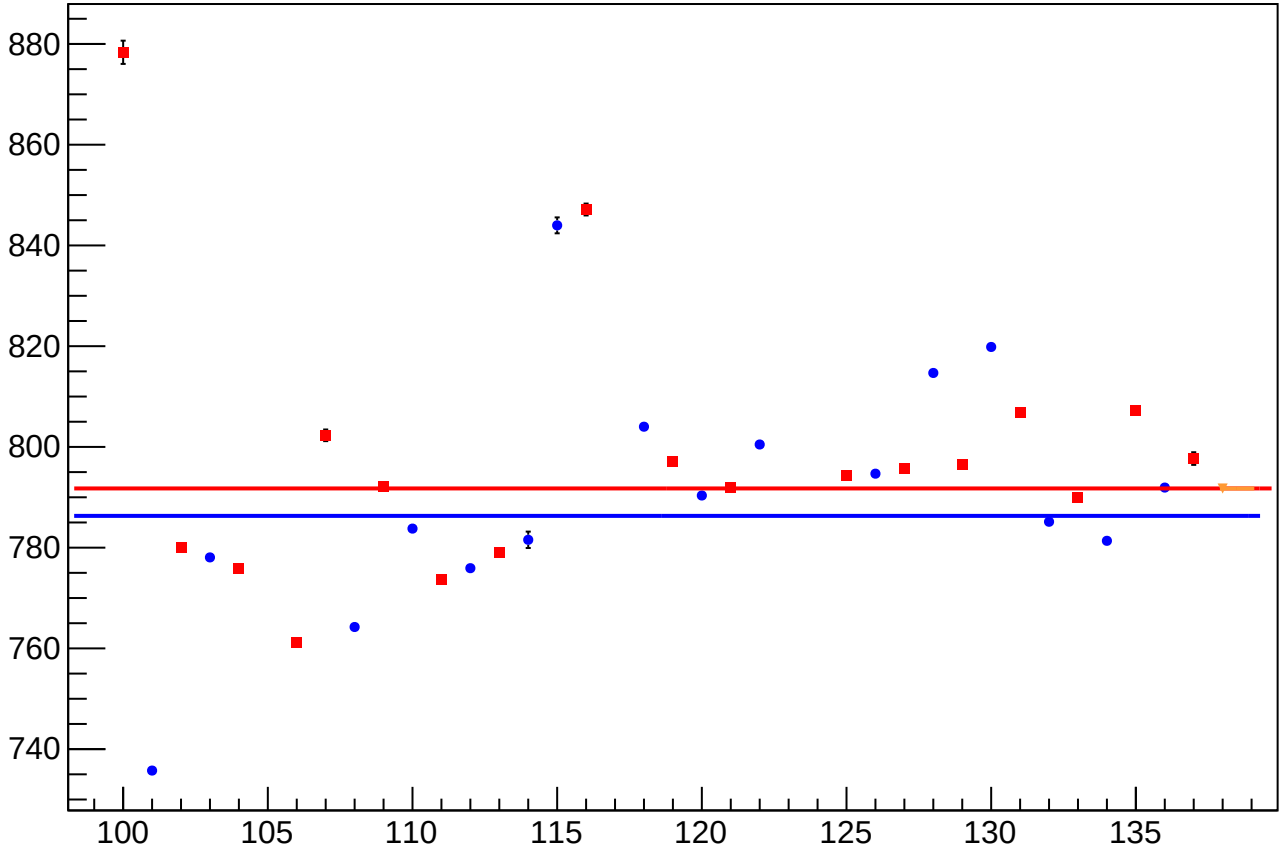
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2173.865+/-277.788 χ^2/NDF: 11.0/16

All: 159.062+/-201.194 χ^2/NDF: 133.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_rms vs Slug



Right In: 786.309+/-0.207 χ^2/NDF: 12571.0/15

Left Out: 791.743+/-0.634 χ^2/NDF:0.0/0

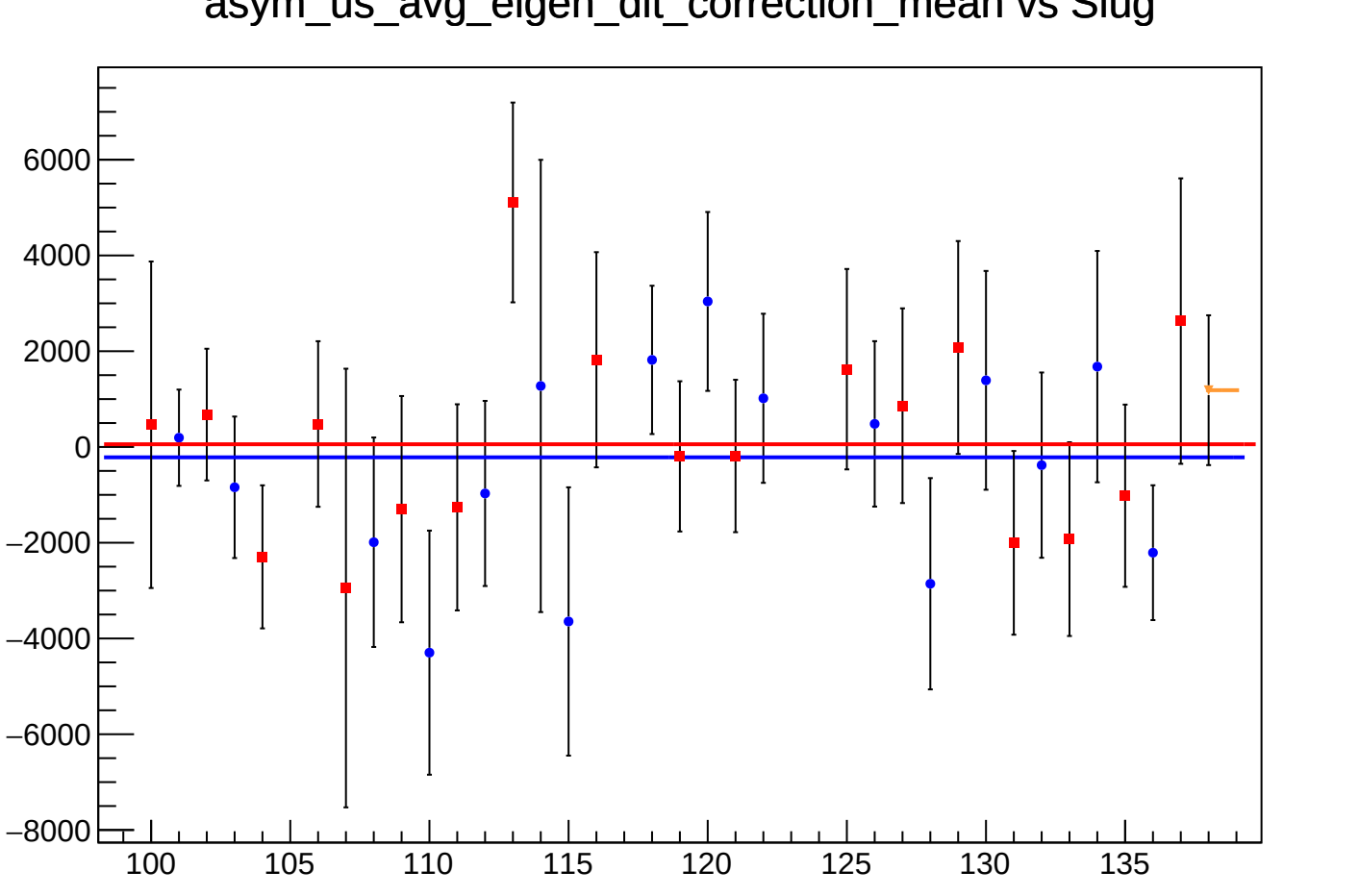
Right Out: 791.756+/-0.206 χ^2/NDF: 7015.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 786.831+/-0.196 χ^2/NDF: 12637.5/16

All: 789.173+/-0.142 χ^2/NDF: 19951.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -216.183+/-449.536 χ^2/NDF: 15.3/15

Left Out: 1185.805+/-1564.519 χ^2/NDF:0.0/0

Right Out: 56.784+/-463.977 χ^2/NDF: 15.1/17

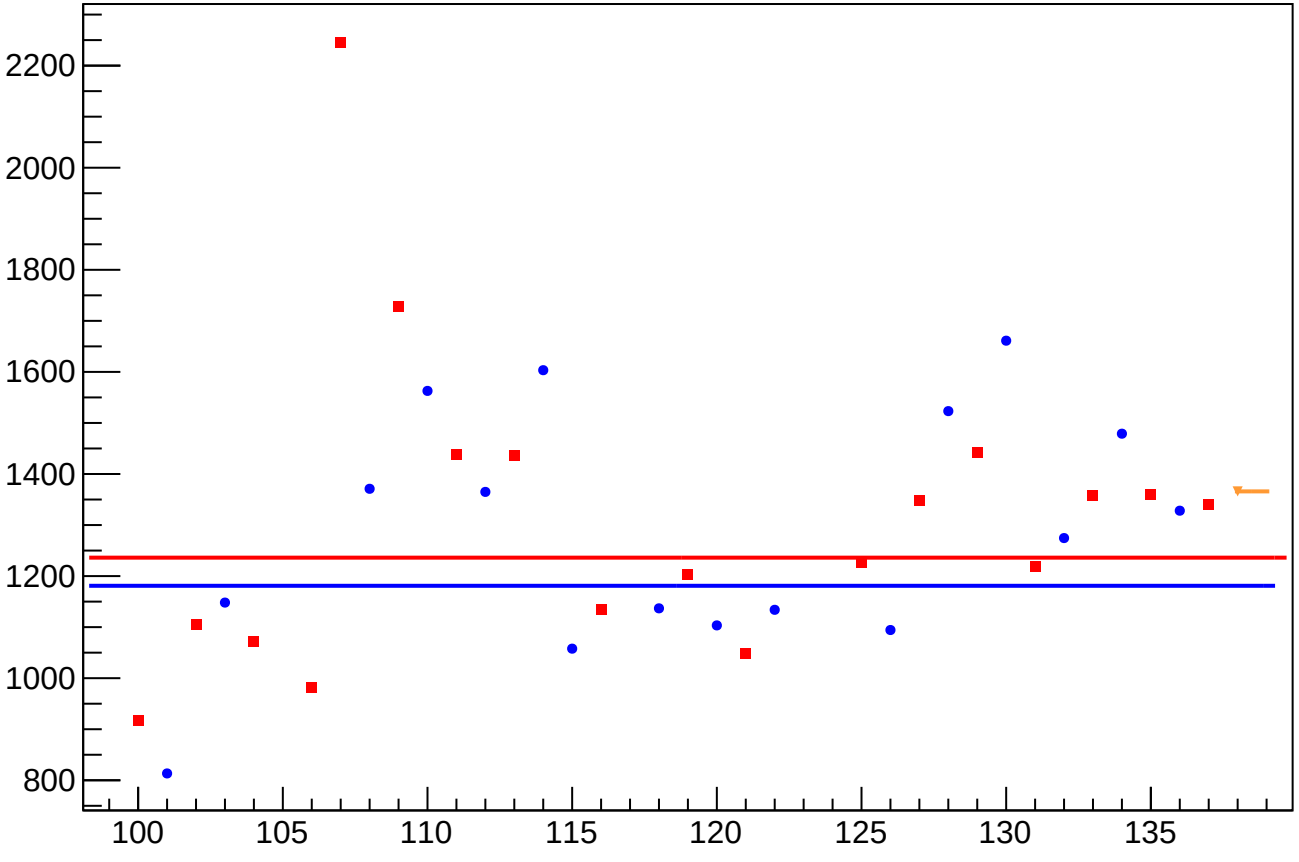
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -109.263+/-432.054 χ^2/NDF: 16.0/16

All: -32.148+/-316.192 χ^2/NDF: 31.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1180.995+/-0.318 χ^2/NDF: 571105.7/15

Left Out: 1365.926+/-1.106 χ^2/NDF:0.0/0

Right Out: 1236.131+/-0.328 χ^2/NDF: 397240.7/17

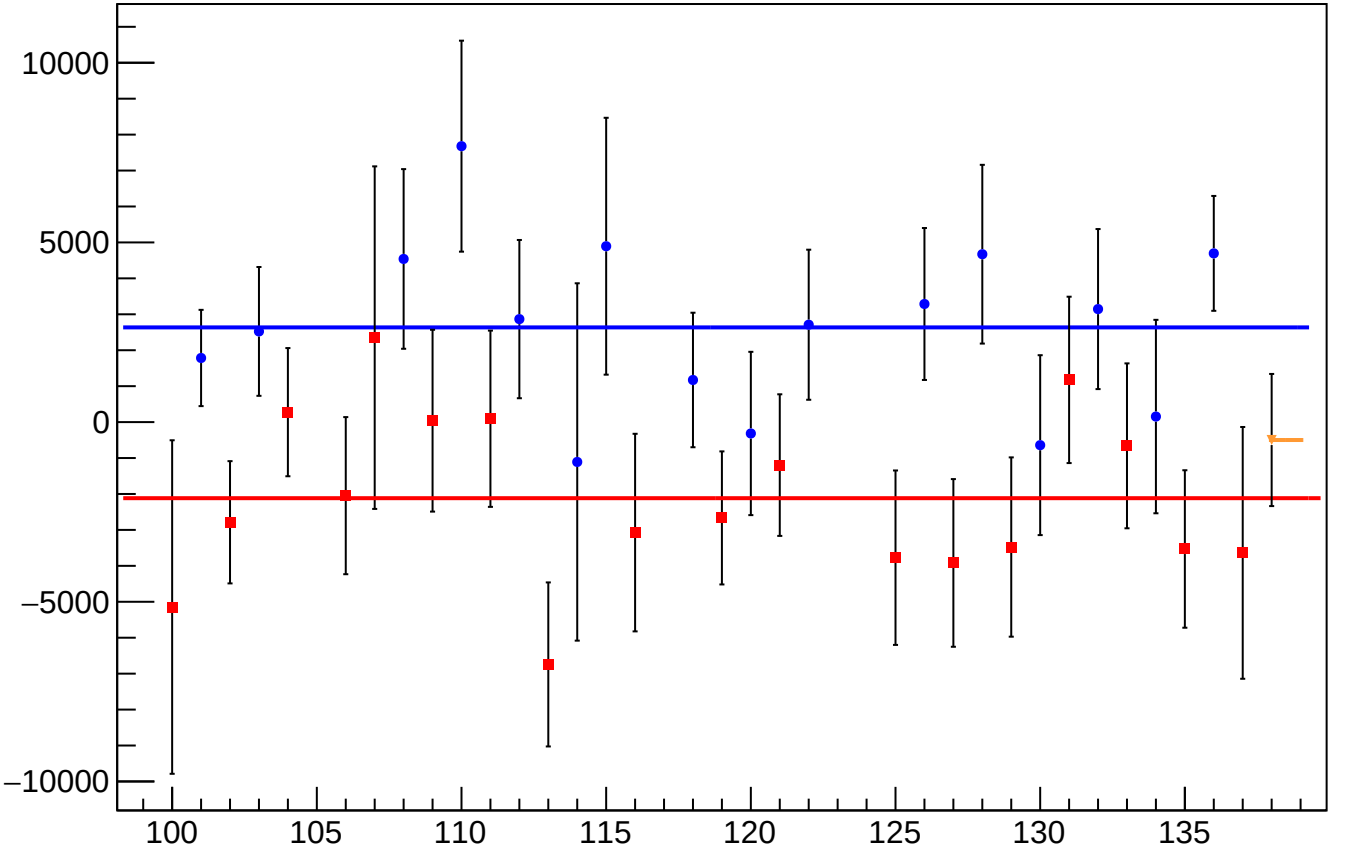
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1195.098+/-0.306 χ^2/NDF: 596918.6/16

All: 1214.155+/-0.224 χ^2/NDF: 1002536.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_mean vs Slug



Right In: 2635.397+/-538.034 χ^2/NDF: 12.3/15

Left Out: -498.455+/-1838.651 χ^2/NDF:0.0/0

Right Out: -2117.162+/-547.483 χ^2/NDF: 13.7/17

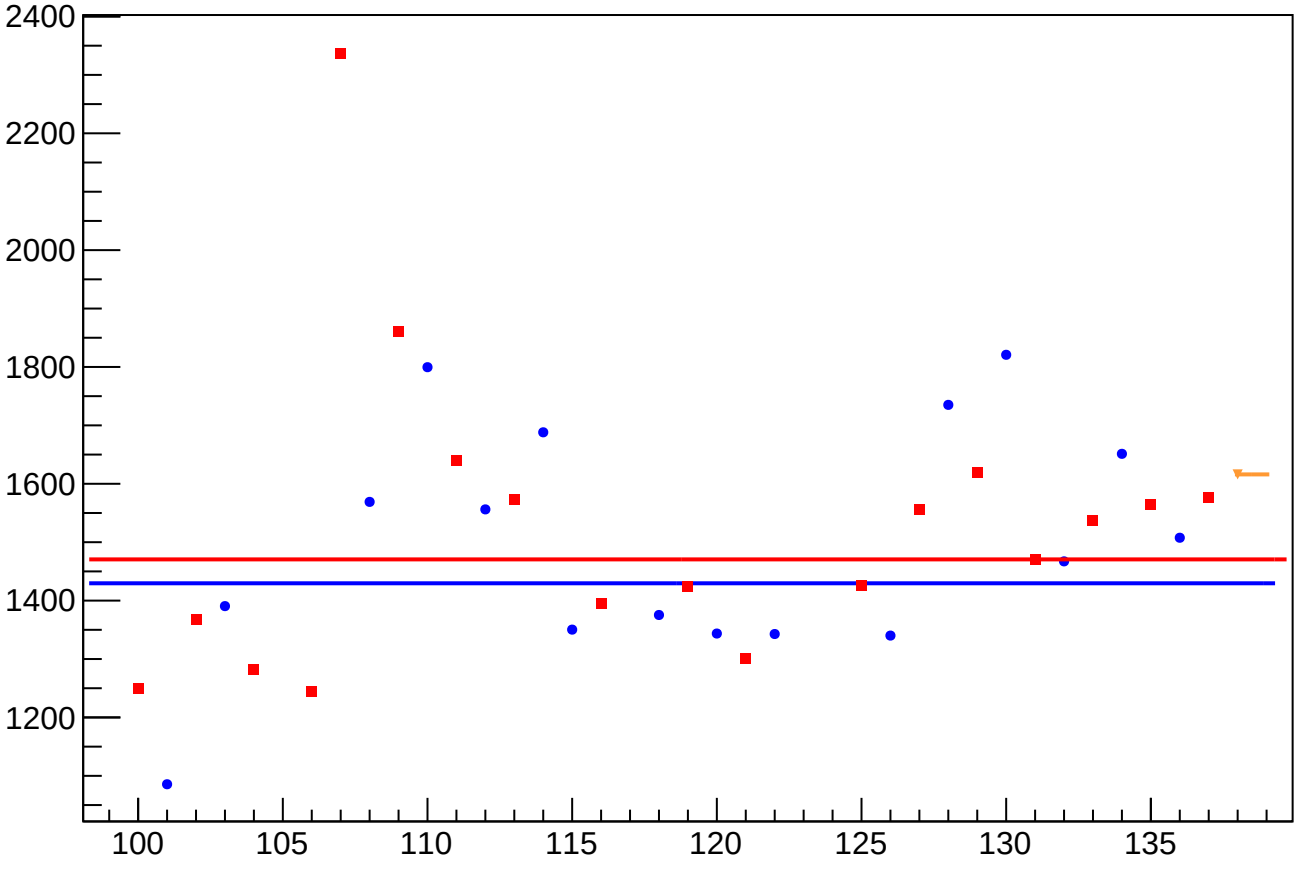
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2388.214+/-516.380 χ^2/NDF: 14.9/16

All: 267.134+/-375.650 χ^2/NDF: 64.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_rms vs Slug



Right In: 1429.654+/-0.380 χ^2/NDF: 293388.5/15

Left Out: 1616.064+/-1.300 χ^2/NDF:0.0/0

Right Out: 1470.565+/-0.387 χ^2/NDF: 218067.5/17

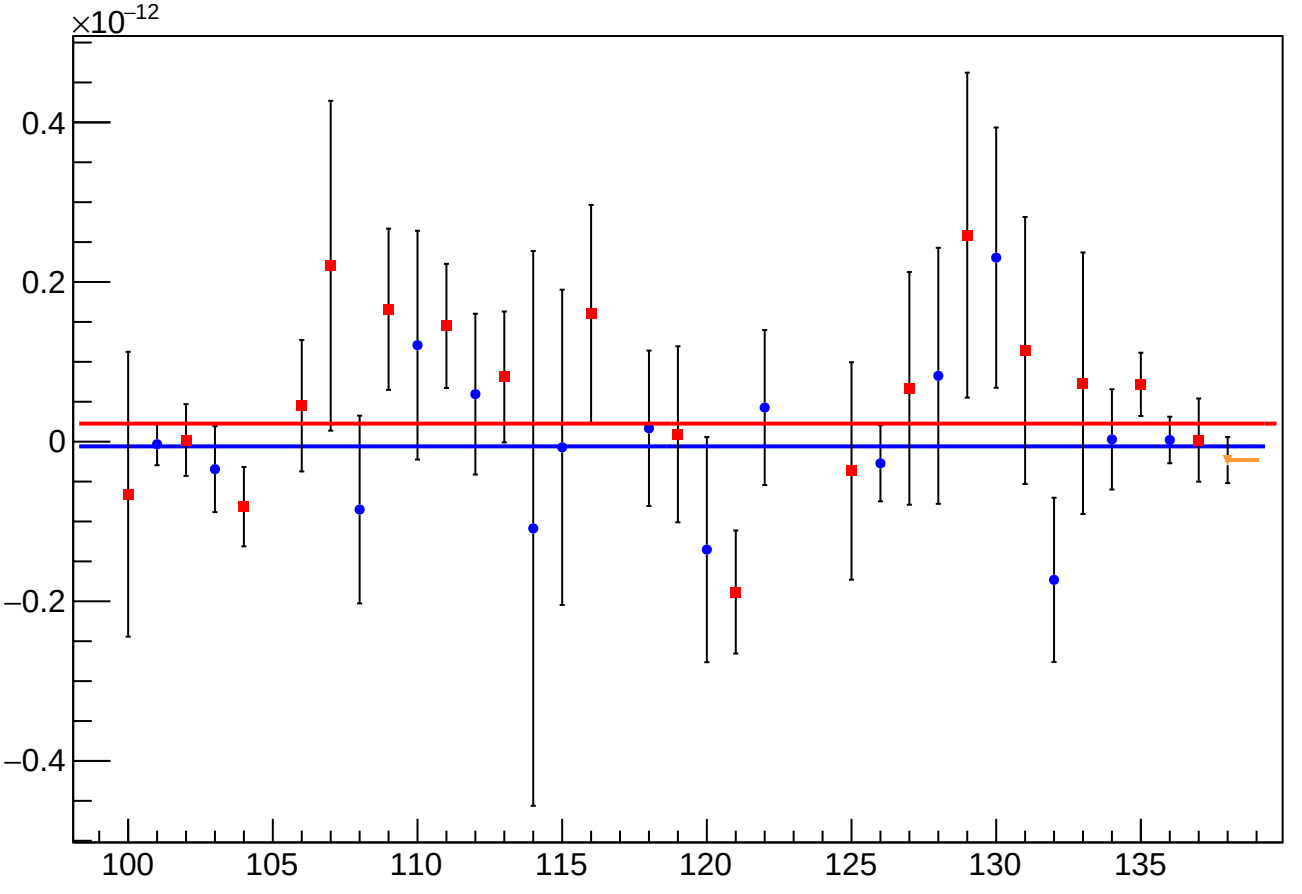
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1444.357+/-0.365 χ^2/NDF: 312324.6/16

All: 1456.695+/-0.266 χ^2/NDF: 532817.5/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 8.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

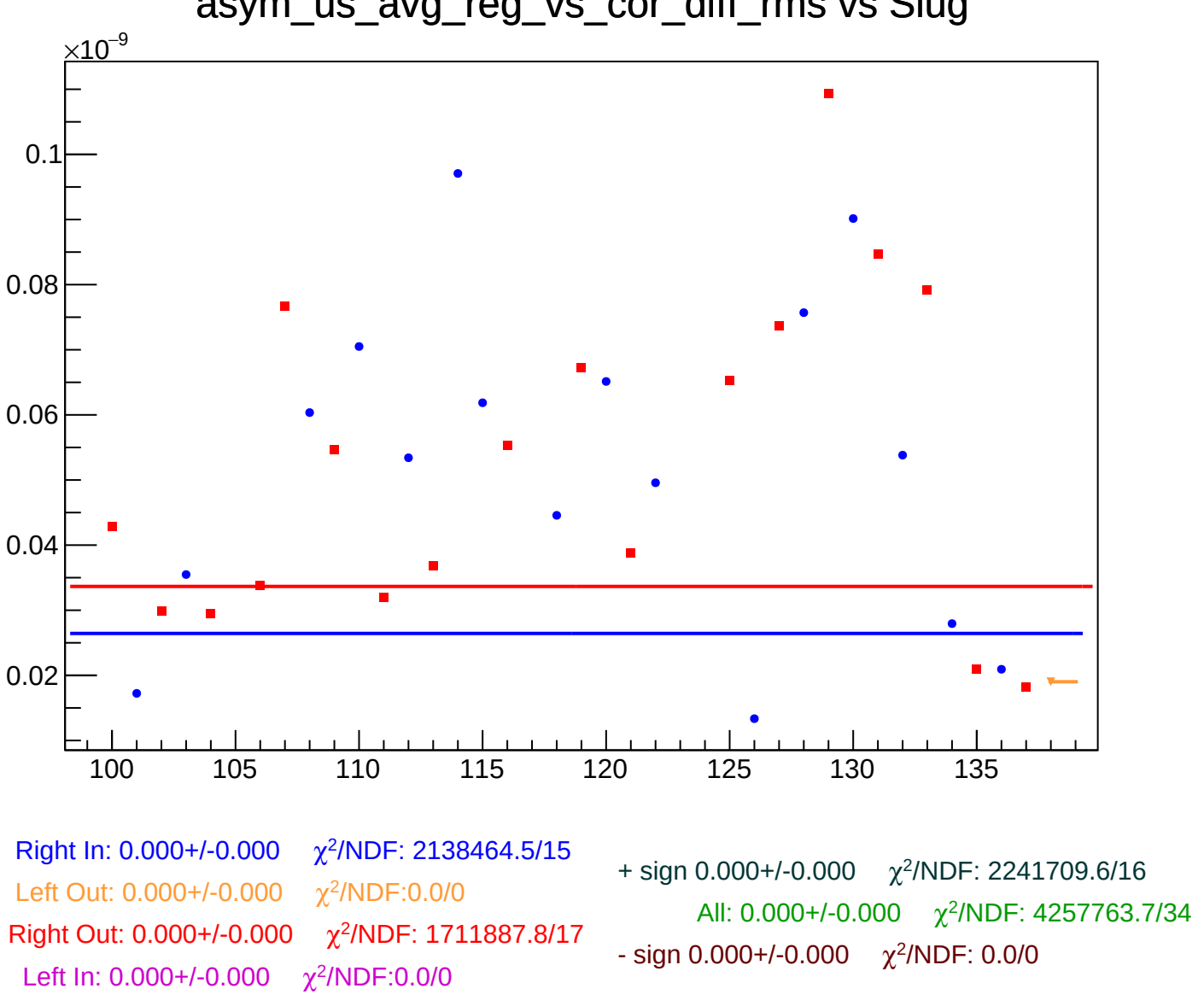
Right Out: 0.000+/-0.000 χ^2/NDF: 23.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

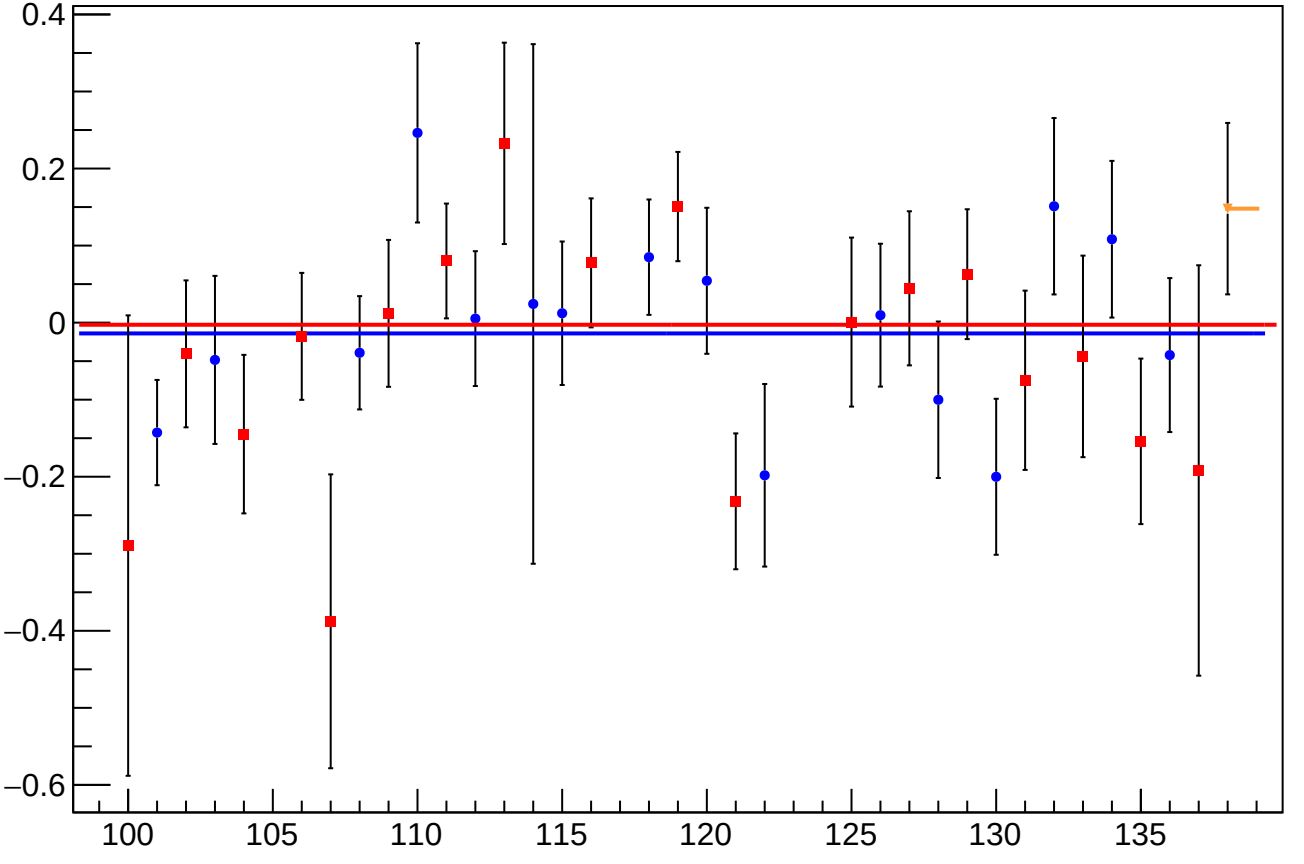
+ sign -0.000+/-0.000 χ^2/NDF: 8.8/16

All: 0.000+/-0.000 χ^2/NDF: 33.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2138464.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1711887.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2241709.6/16
All: 0.000+/-0.000 χ²/NDF: 4257763.7/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.014+/-0.024 χ^2/NDF: 21.4/15

Left Out: 0.148+/-0.111 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.024 χ^2/NDF: 27.8/17

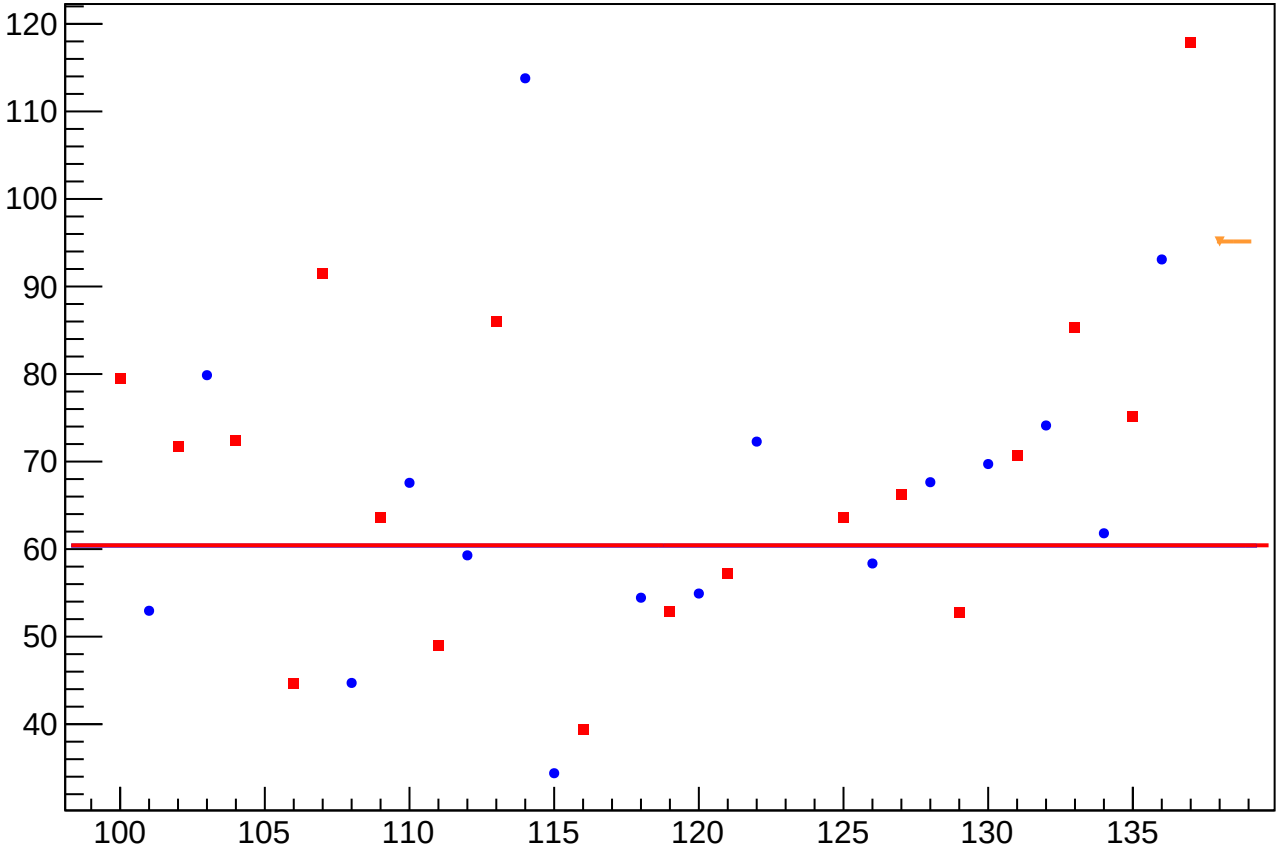
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.023 χ^2/NDF: 23.4/16

All: -0.005+/-0.017 χ^2/NDF: 51.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 60.399+/-0.017 χ^2/NDF: 703157.1/15

Left Out: 95.144+/-0.079 χ^2/NDF:0.0/0

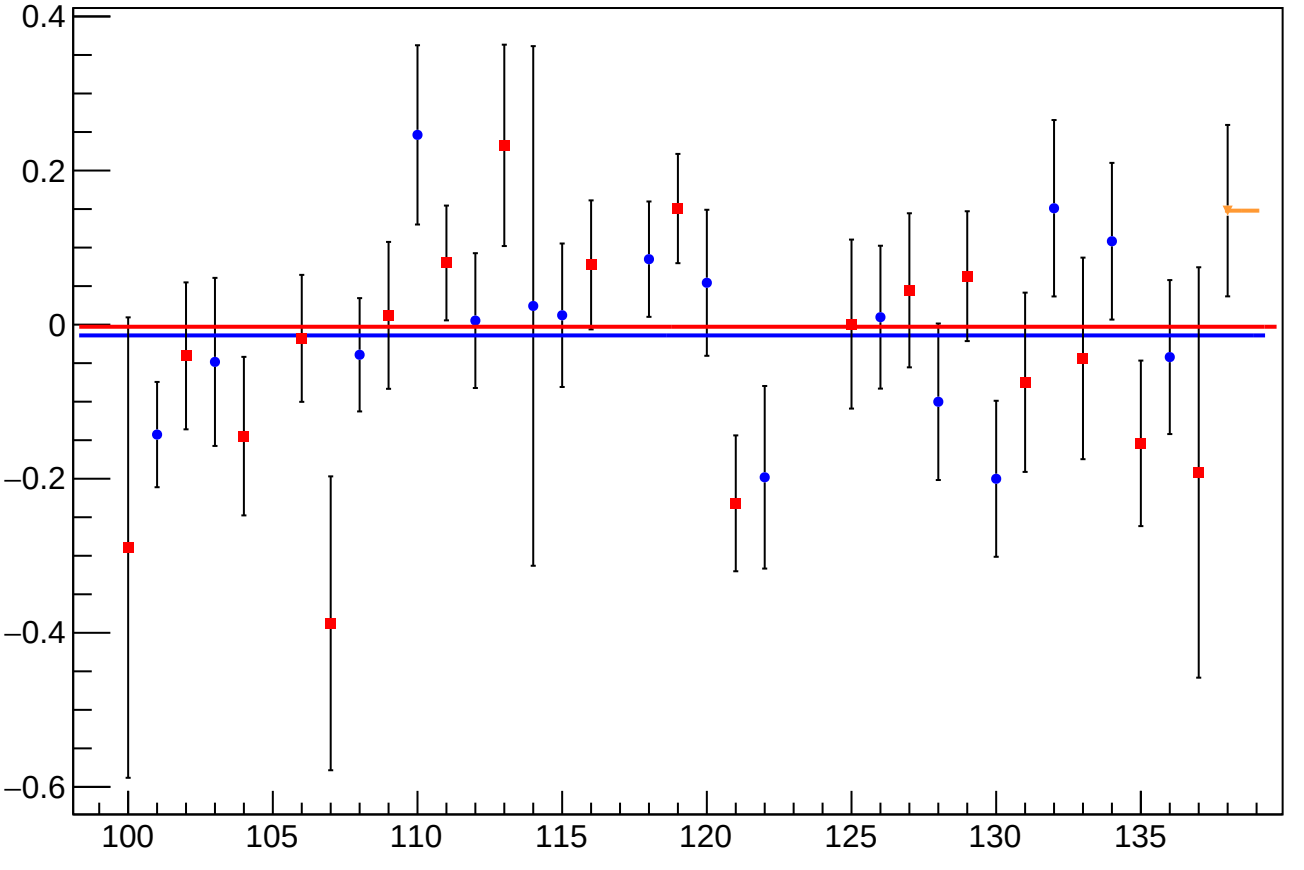
Right Out: 60.434+/-0.017 χ^2/NDF: 711093.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.927+/-0.016 χ^2/NDF: 889628.8/16

All: 61.195+/-0.012 χ^2/NDF: 1604736.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.014+/-0.024 χ^2/NDF: 21.4/15

Left Out: 0.148+/-0.111 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.024 χ^2/NDF: 27.8/17

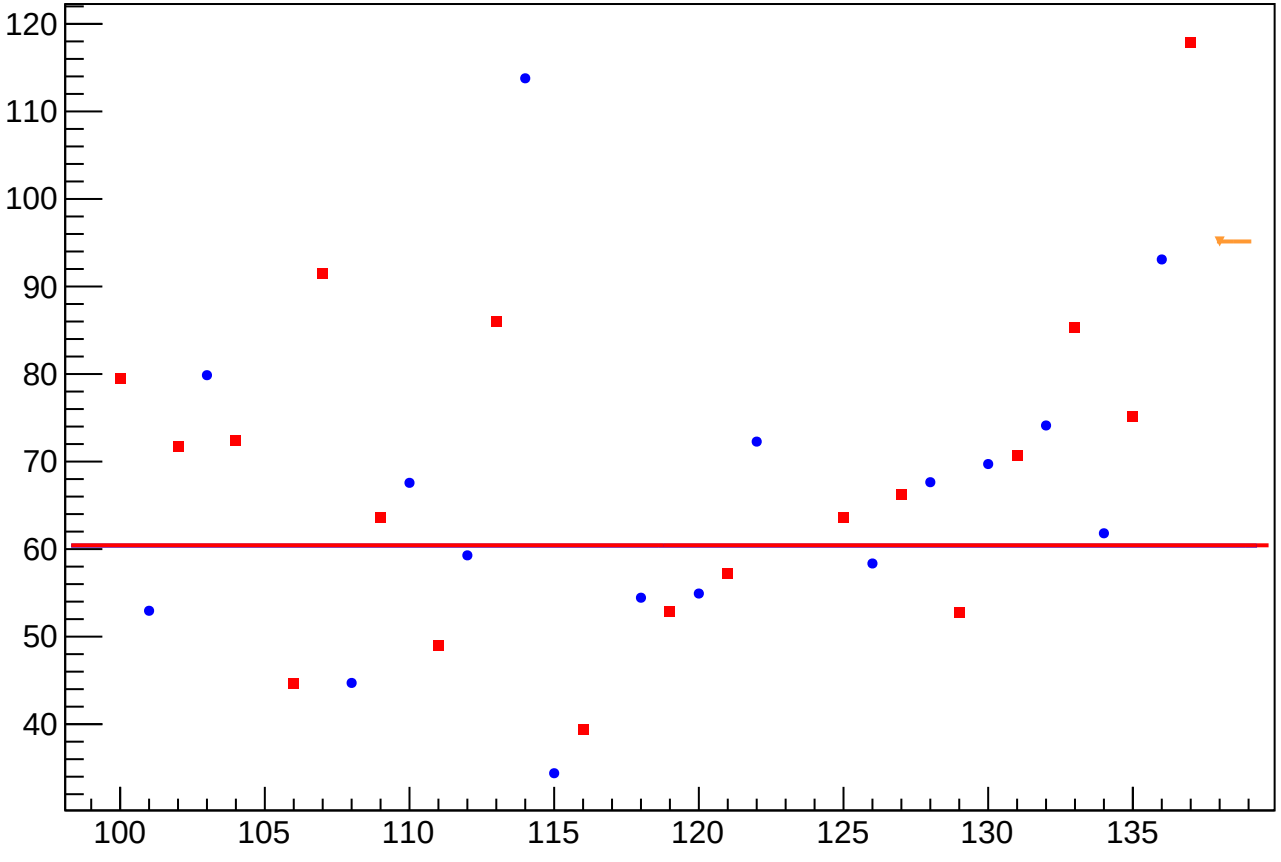
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.023 χ^2/NDF: 23.4/16

All: -0.005+/-0.017 χ^2/NDF: 51.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 60.399+/-0.017 χ^2/NDF: 703157.1/15

Left Out: 95.144+/-0.079 χ^2/NDF:0.0/0

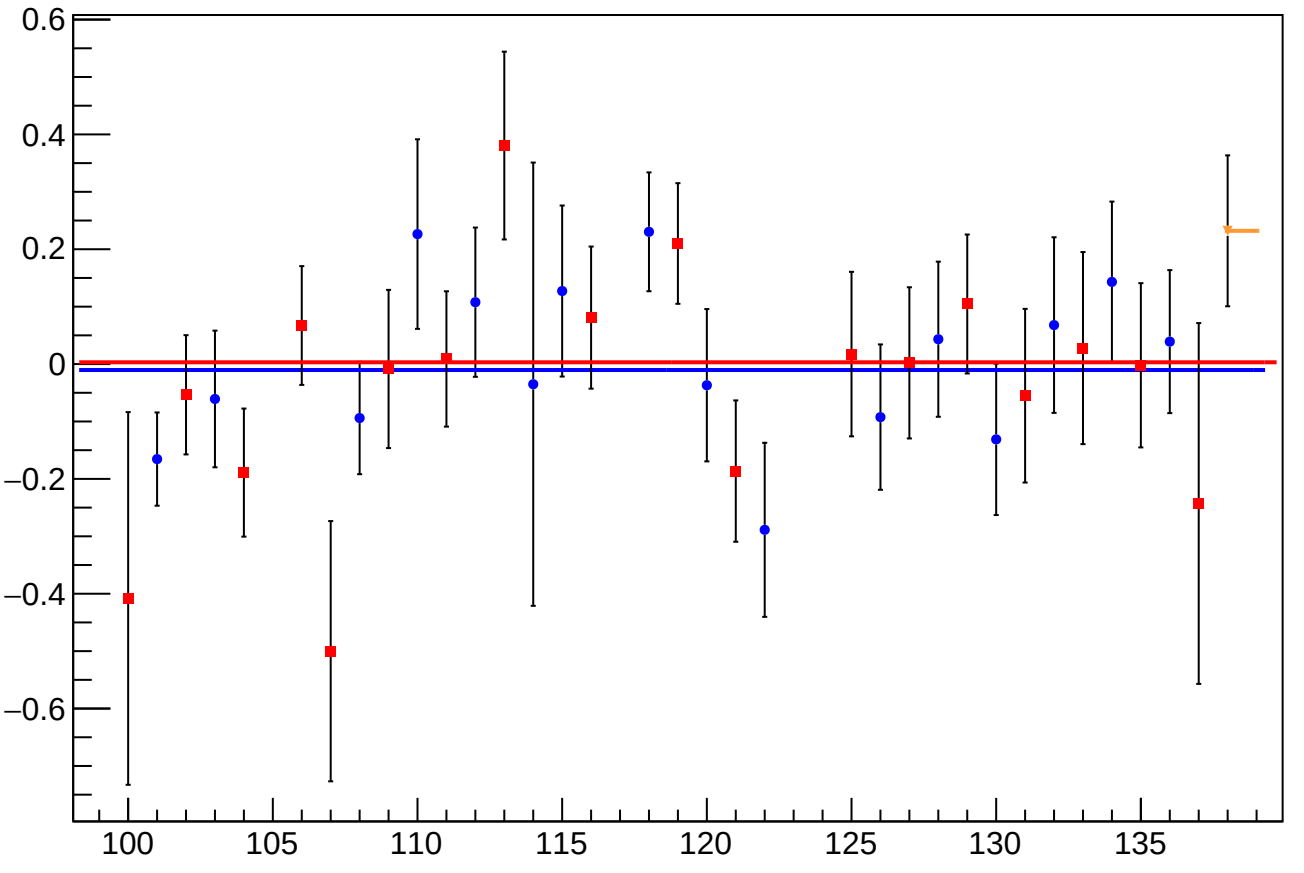
Right Out: 60.434+/-0.017 χ^2/NDF: 711093.4/17

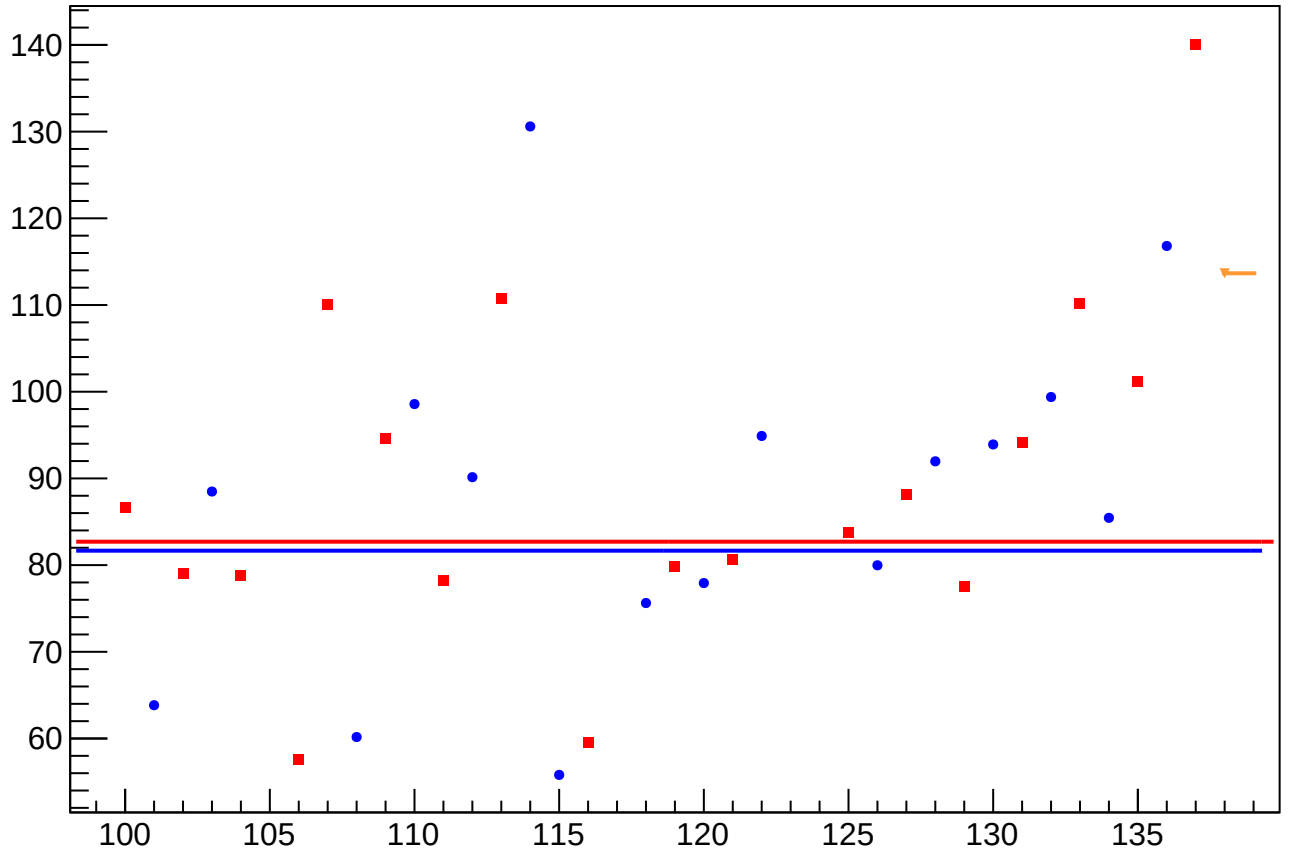
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.927+/-0.016 χ^2/NDF: 889628.8/16

All: 61.195+/-0.012 χ^2/NDF: 1604736.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
100
105
110
115
120
125
130
135
Right In: -0.010+/-0.032 χ²/NDF: 20.2/15
Left Out: 0.232+/-0.131 χ²/NDF:0.0/0
Right Out: 0.003+/-0.032 χ²/NDF: 23.7/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.003+/-0.031 χ²/NDF: 23.4/16
All: 0.003+/-0.022 χ²/NDF: 47.0/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 81.664+/-0.022 χ^2/NDF: 561848.8/15

Left Out: 113.659+/-0.093 χ^2/NDF:0.0/0

Right Out: 82.701+/-0.022 χ^2/NDF: 473065.7/17

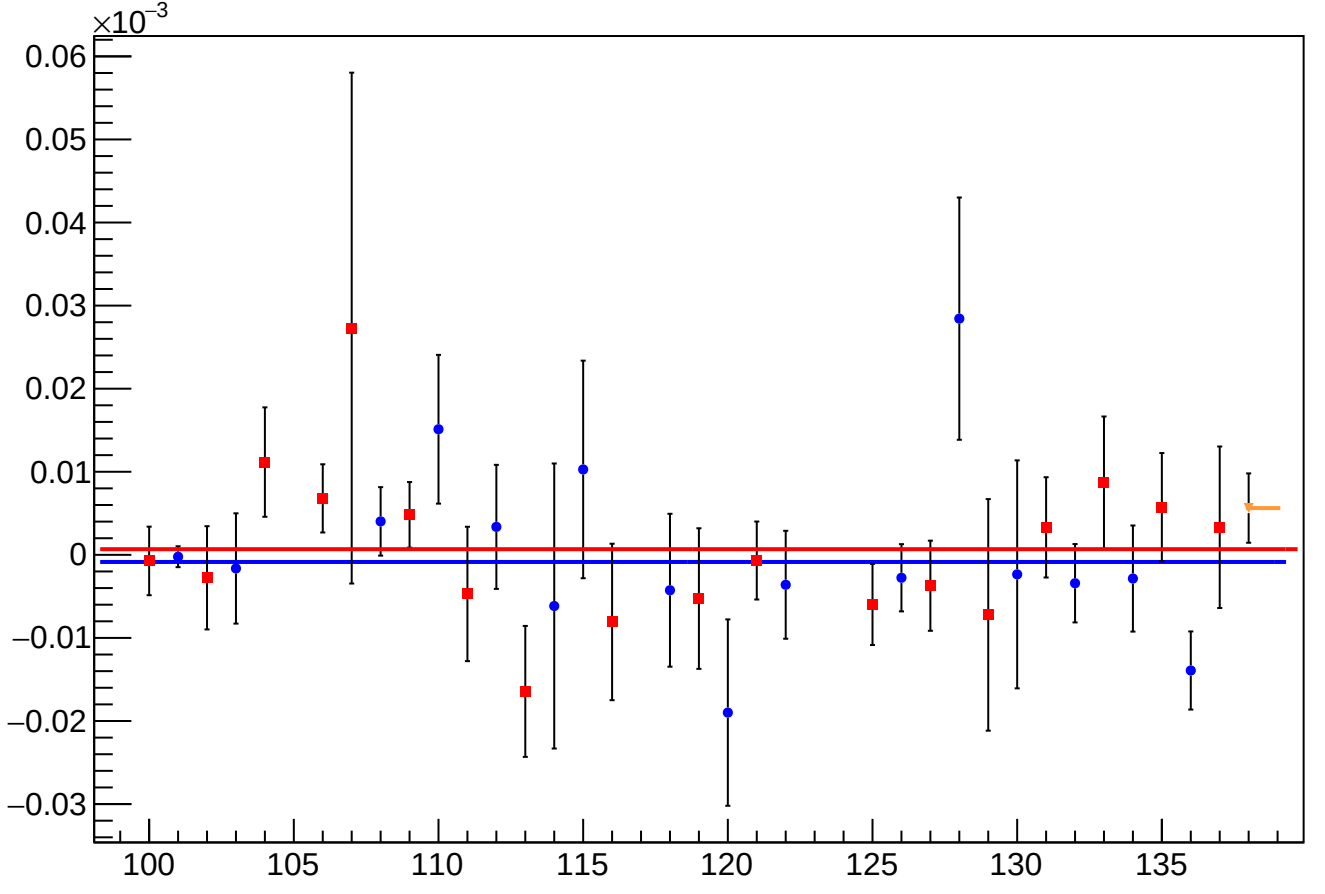
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 83.413+/-0.022 χ^2/NDF: 673905.8/16

All: 83.069+/-0.016 χ^2/NDF: 1147490.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 21.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

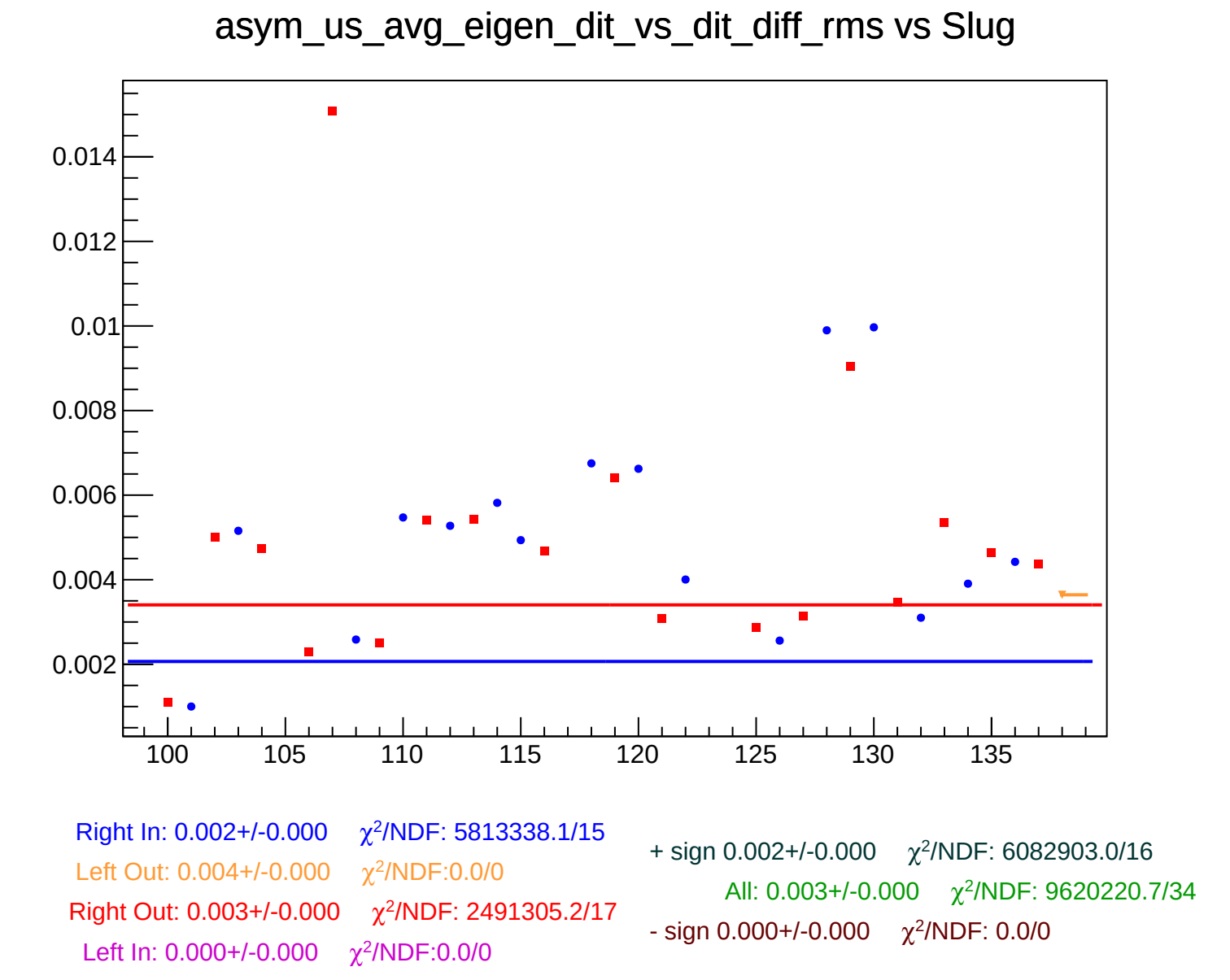
Right Out: 0.000+/-0.000 χ^2/NDF: 18.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

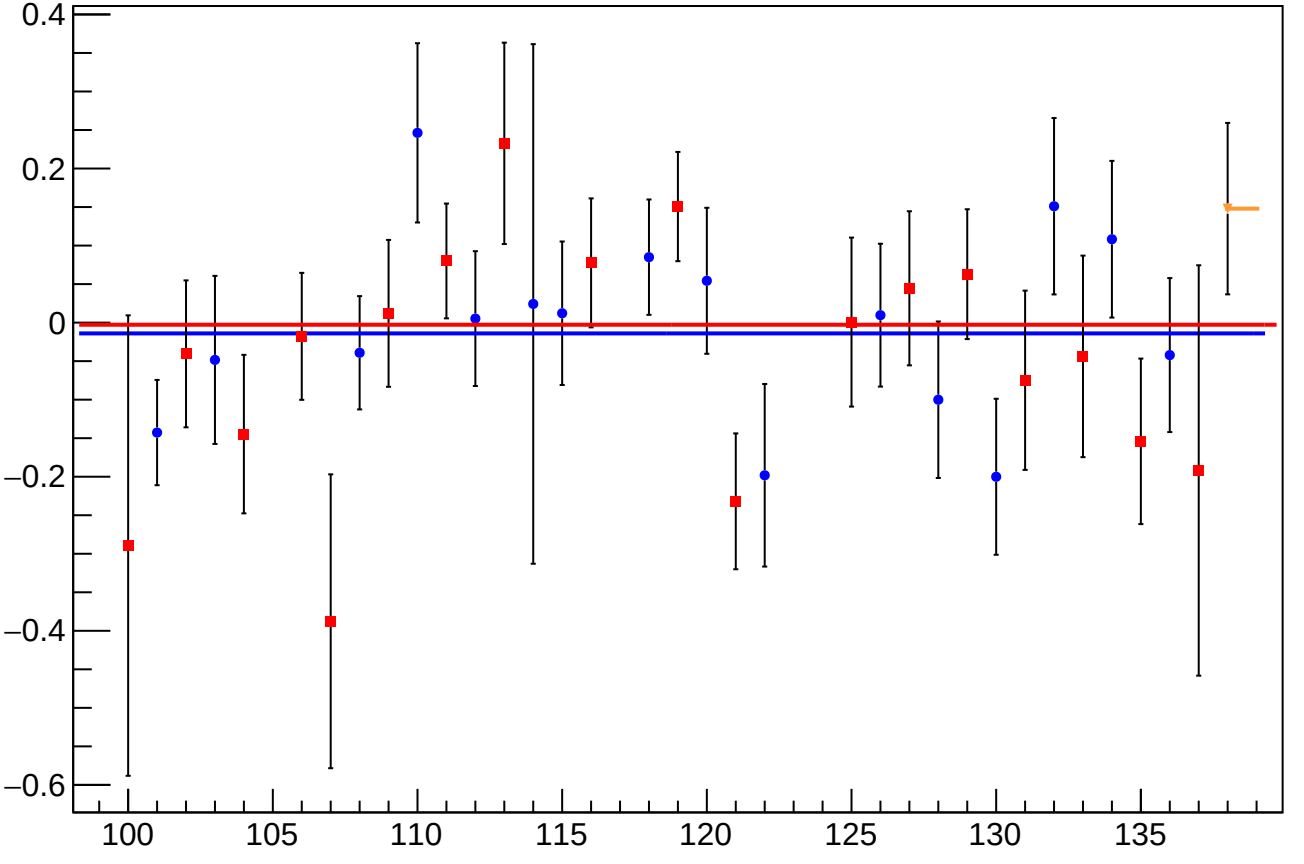
+ sign -0.000+/-0.000 χ^2/NDF: 23.6/16

All: -0.000+/-0.000 χ^2/NDF: 42.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 5813338.1/15
Left Out: 0.004+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 2491305.2/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 6082903.0/16
All: 0.003+/-0.000 χ²/NDF: 9620220.7/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.014+/-0.024 χ^2/NDF: 21.4/15

Left Out: 0.148+/-0.111 χ^2/NDF:0.0/0

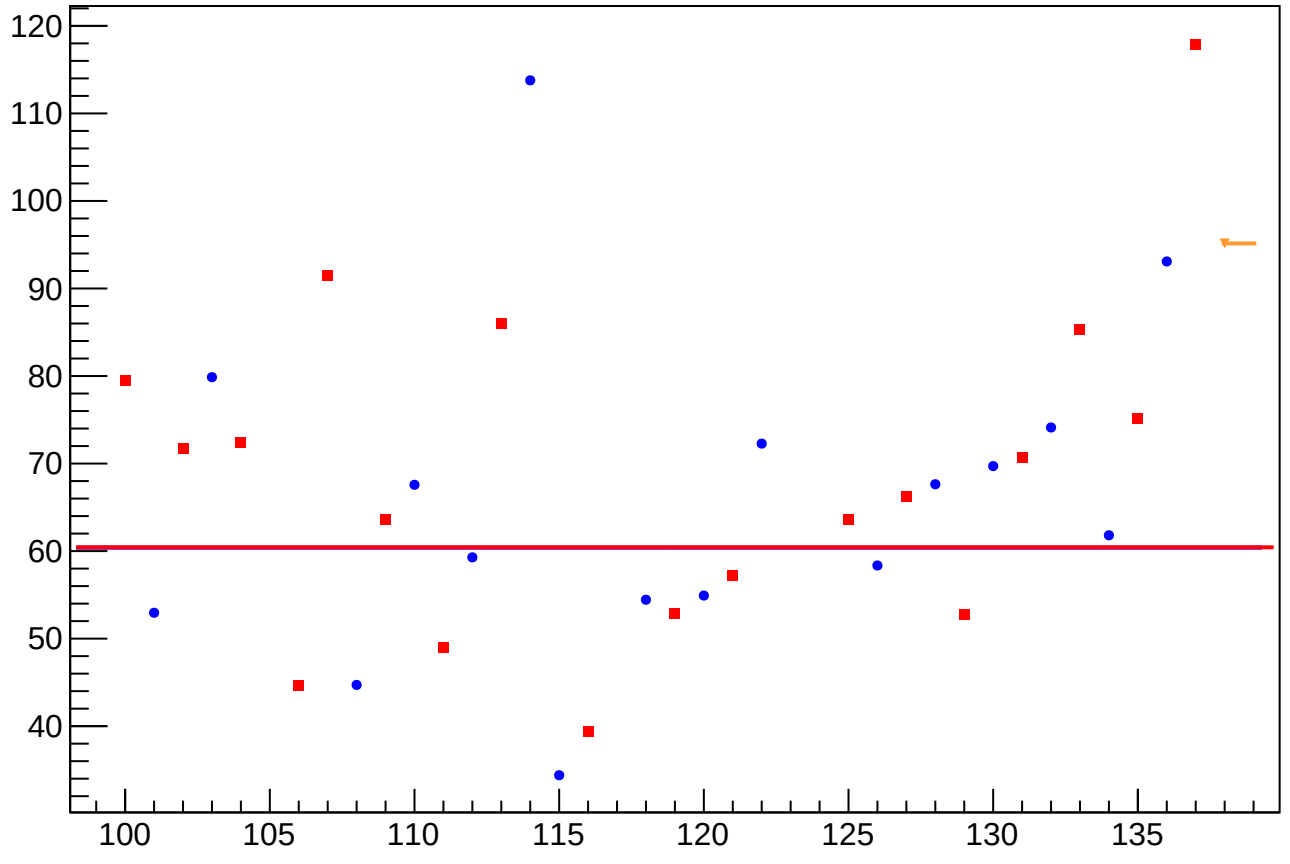
Right Out: -0.003+/-0.024 χ^2/NDF: 27.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.023 χ^2/NDF: 23.4/16

All: -0.005+/-0.017 χ^2/NDF: 51.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 60.398+/-0.017 χ^2/NDF: 703169.3/15

Left Out: 95.145+/-0.079 χ^2/NDF:0.0/0

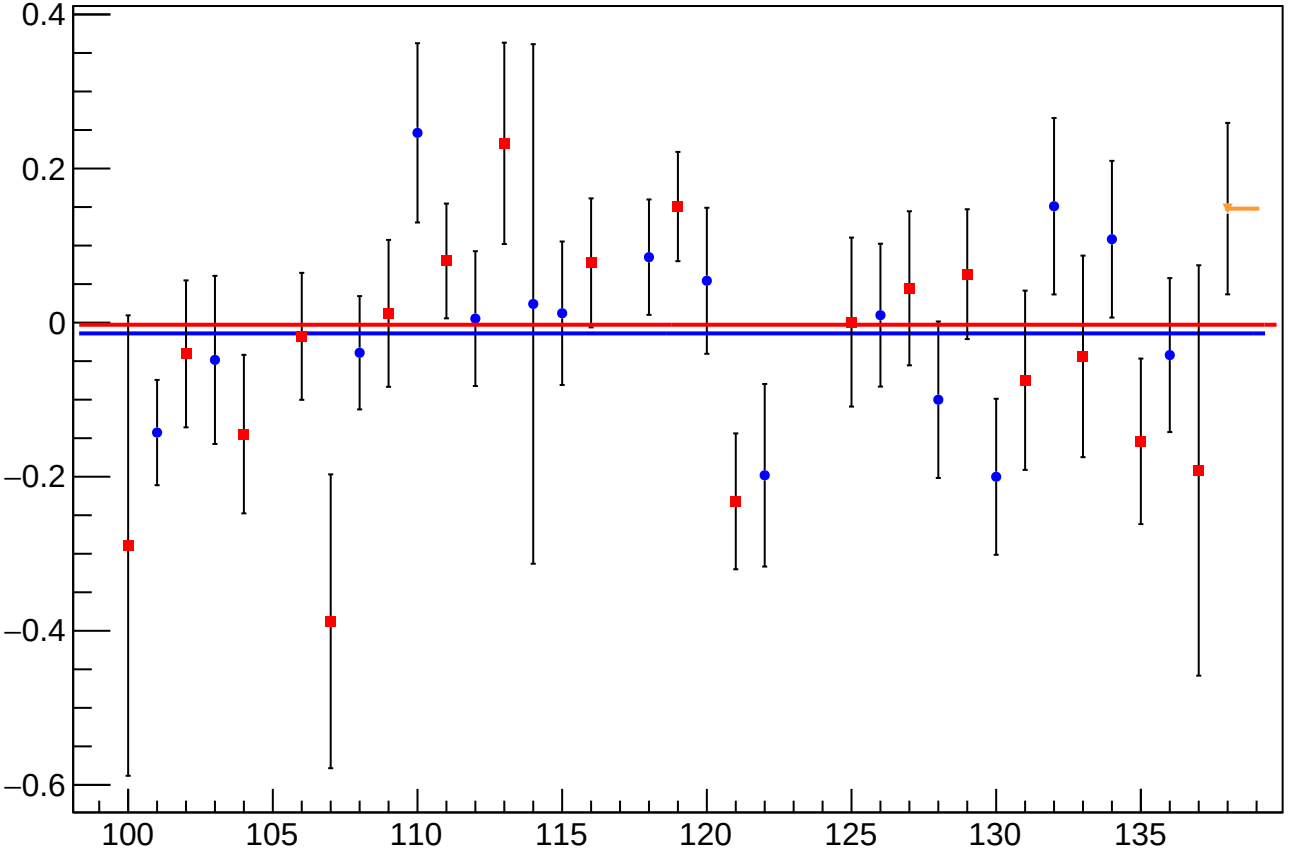
Right Out: 60.432+/-0.017 χ^2/NDF: 711122.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.926+/-0.016 χ^2/NDF: 889659.7/16

All: 61.194+/-0.012 χ^2/NDF: 1604798.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.014+/-0.024 χ^2/NDF: 21.4/15

Left Out: 0.148+/-0.111 χ^2/NDF:0.0/0

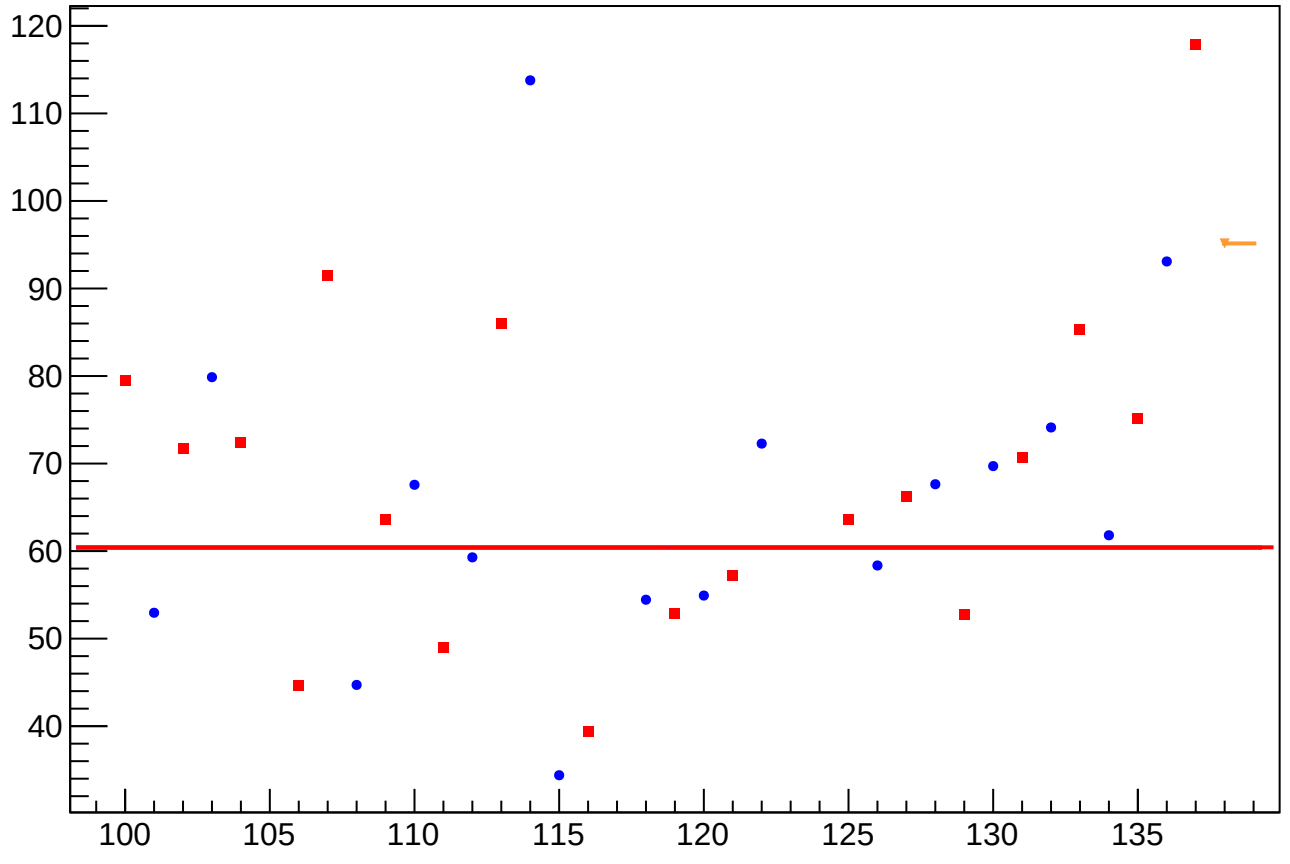
Right Out: -0.003+/-0.024 χ^2/NDF: 27.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.023 χ^2/NDF: 23.4/16

All: -0.005+/-0.017 χ^2/NDF: 51.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 60.398+/-0.017 χ^2/NDF: 703169.3/15

Left Out: 95.145+/-0.079 χ^2/NDF:0.0/0

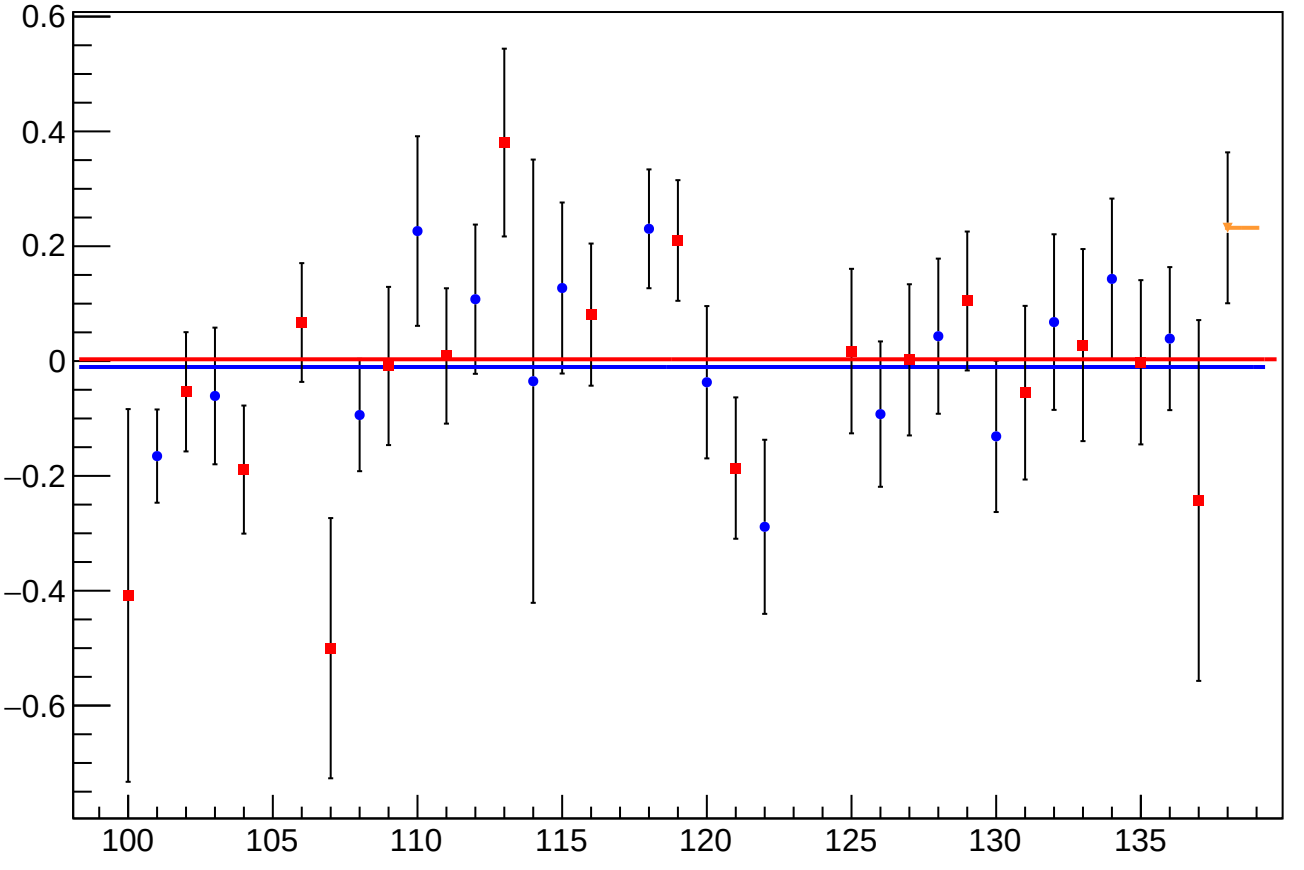
Right Out: 60.432+/-0.017 χ^2/NDF: 711122.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.926+/-0.016 χ^2/NDF: 889659.7/16

All: 61.194+/-0.012 χ^2/NDF: 1604798.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.010+/-0.032 χ^2/NDF: 20.2/15

Left Out: 0.232+/-0.131 χ^2/NDF:0.0/0

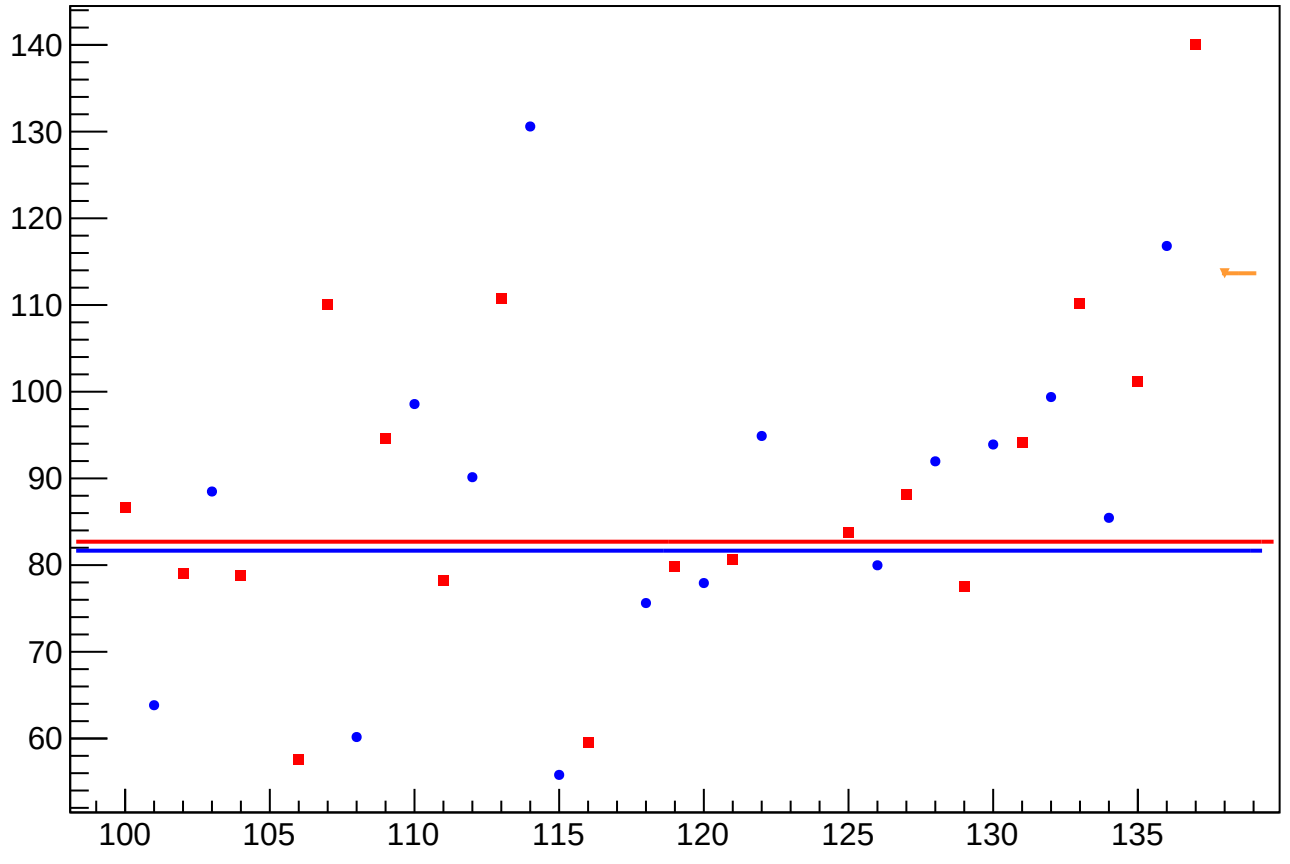
Right Out: 0.003+/-0.032 χ^2/NDF: 23.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.031 χ^2/NDF: 23.4/16

All: 0.003+/-0.022 χ^2/NDF: 47.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 81.663+/-0.022 χ^2/NDF: 561836.4/15

Left Out: 113.659+/-0.093 χ^2/NDF:0.0/0

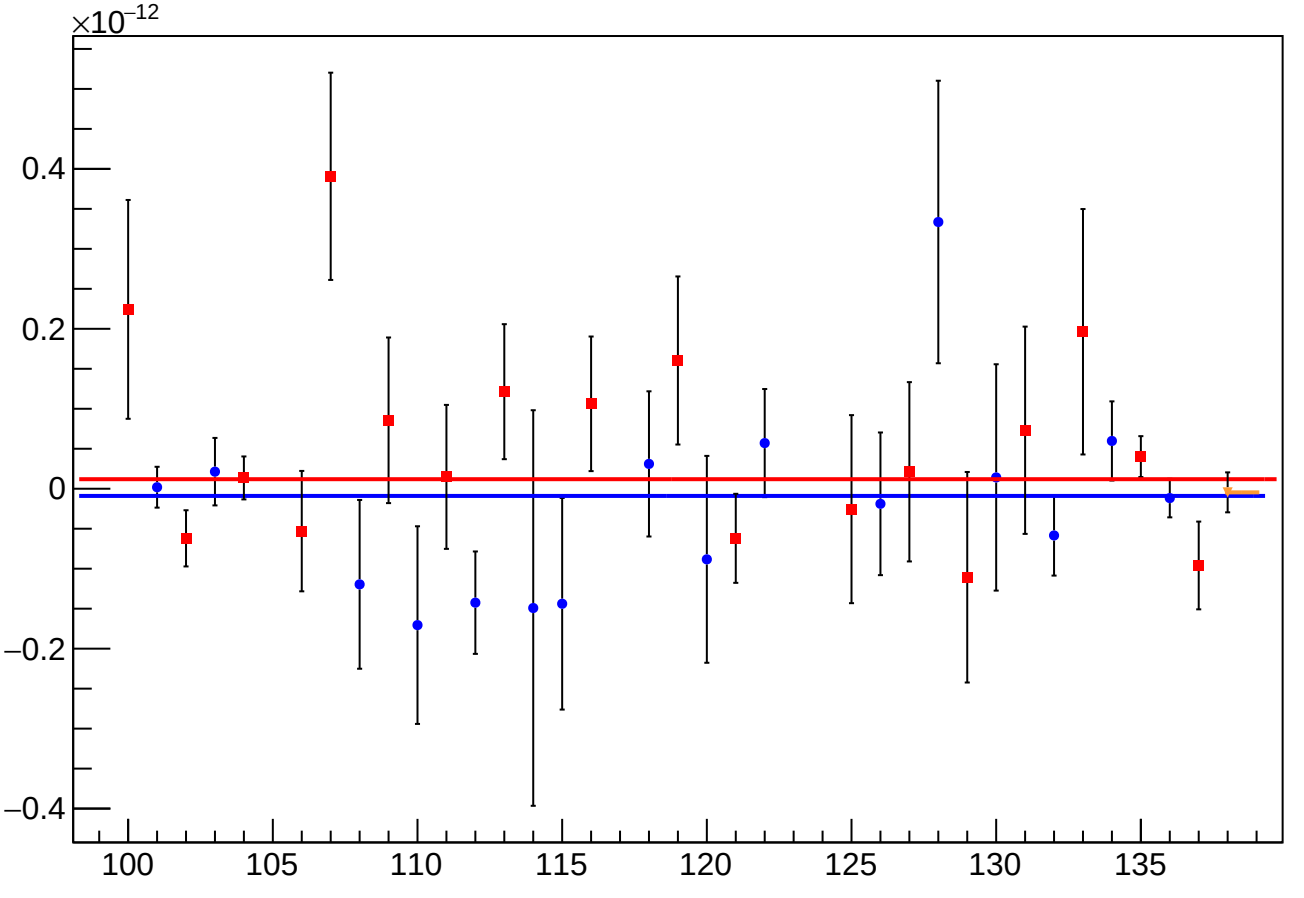
Right Out: 82.700+/-0.022 χ^2/NDF: 473062.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 83.412+/-0.022 χ^2/NDF: 673900.1/16

All: 83.068+/-0.016 χ^2/NDF: 1147481.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

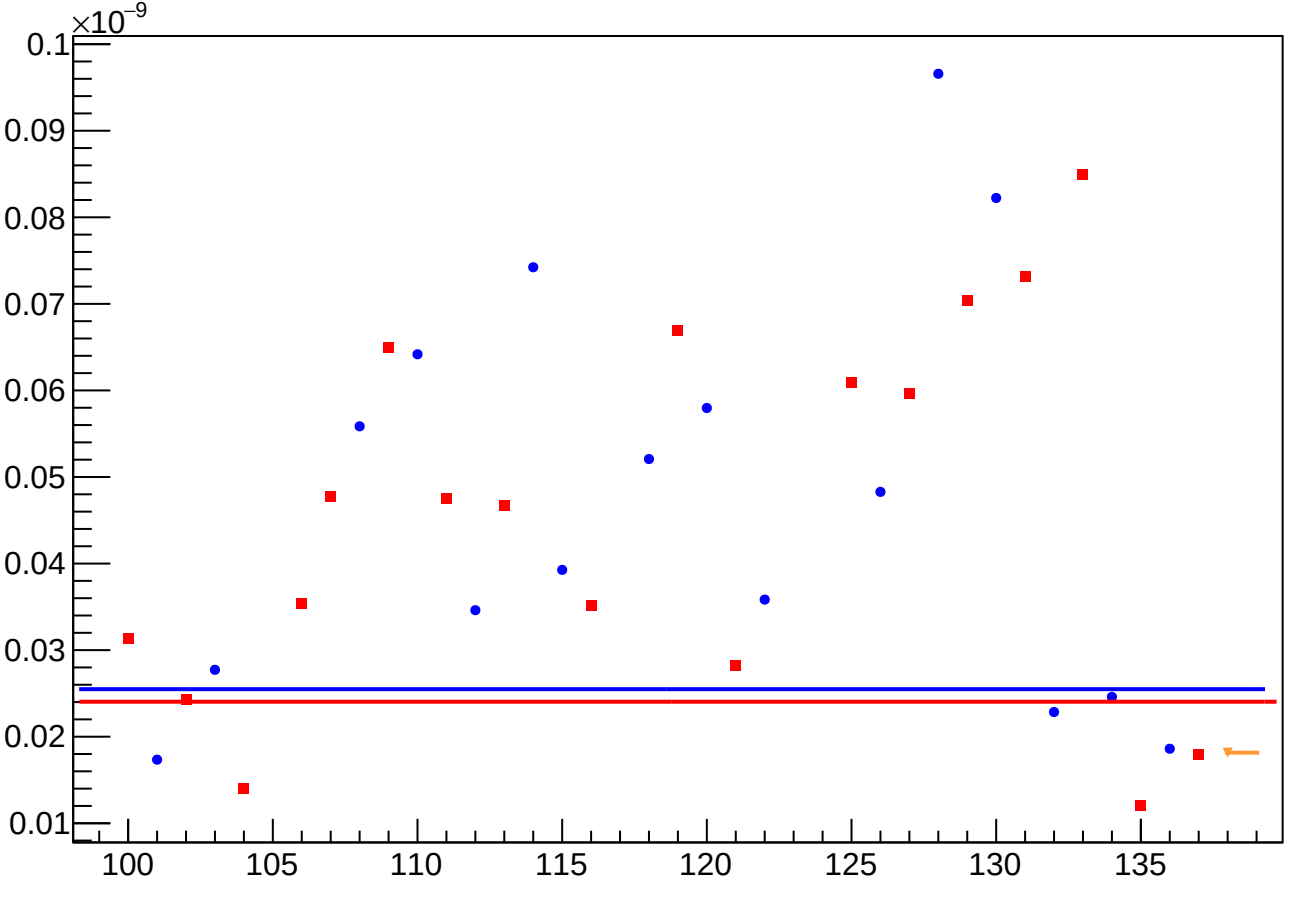
Right Out: 0.000+/-0.000 χ^2/NDF: 31.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.5/16

All: 0.000+/-0.000 χ^2/NDF: 49.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1999848.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

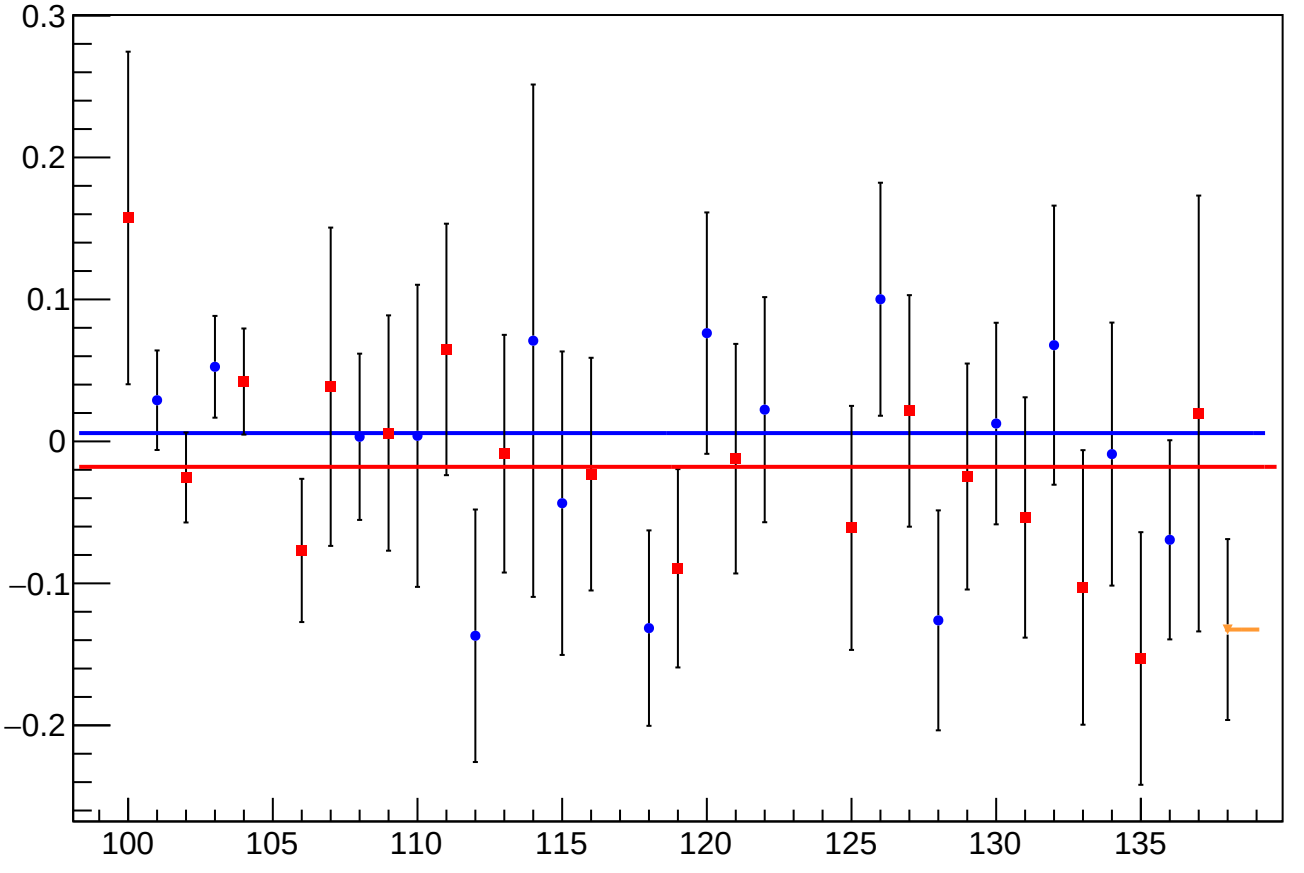
Right Out: 0.000+/-0.000 χ^2/NDF: 3084598.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2134399.0/16

All: 0.000+/-0.000 χ^2/NDF: 5219156.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.017 χ^2/NDF: 15.6/15

Left Out: -0.133+/-0.064 χ^2/NDF:0.0/0

Right Out: -0.018+/-0.016 χ^2/NDF: 12.3/17

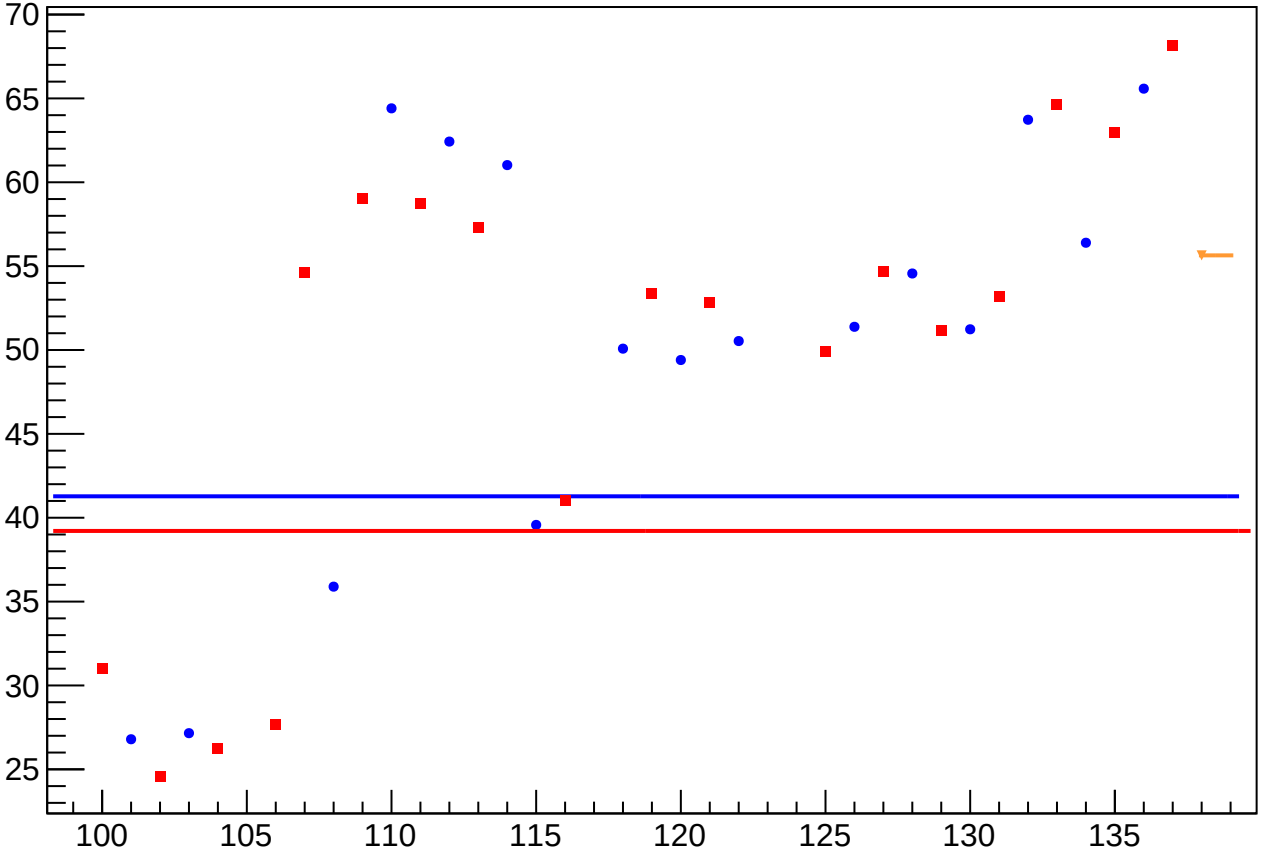
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.016 χ^2/NDF: 20.0/16

All: -0.011+/-0.011 χ^2/NDF: 32.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug



Right In: 41.277+/-0.012 χ^2/NDF: 1505245.8/15

Left Out: 55.642+/-0.045 χ^2/NDF:0.0/0

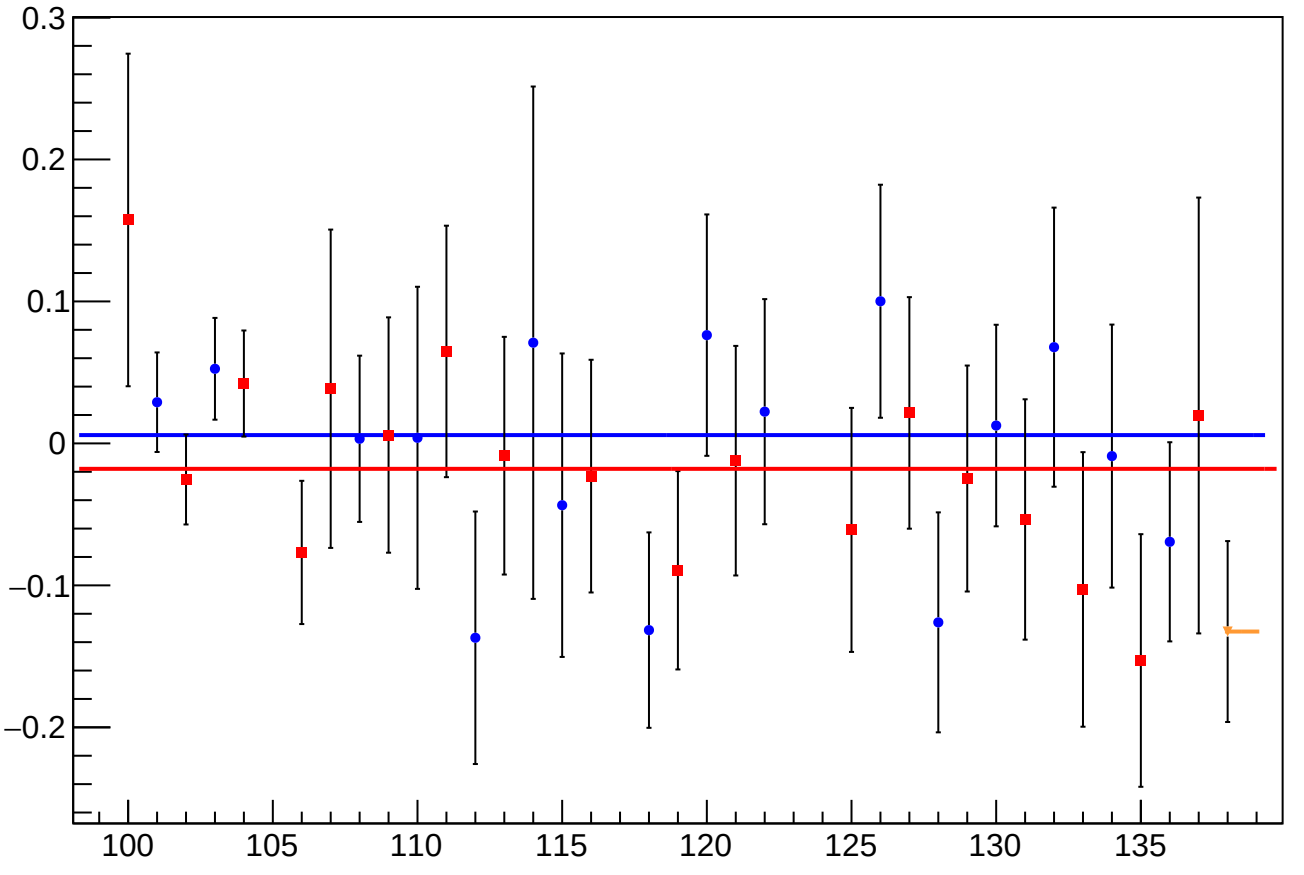
Right Out: 39.212+/-0.011 χ^2/NDF: 1819921.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.182+/-0.011 χ^2/NDF: 1600493.6/16

All: 40.673+/-0.008 χ^2/NDF: 3455457.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.017 χ^2/NDF: 15.6/15

Left Out: -0.133+/-0.064 χ^2/NDF:0.0/0

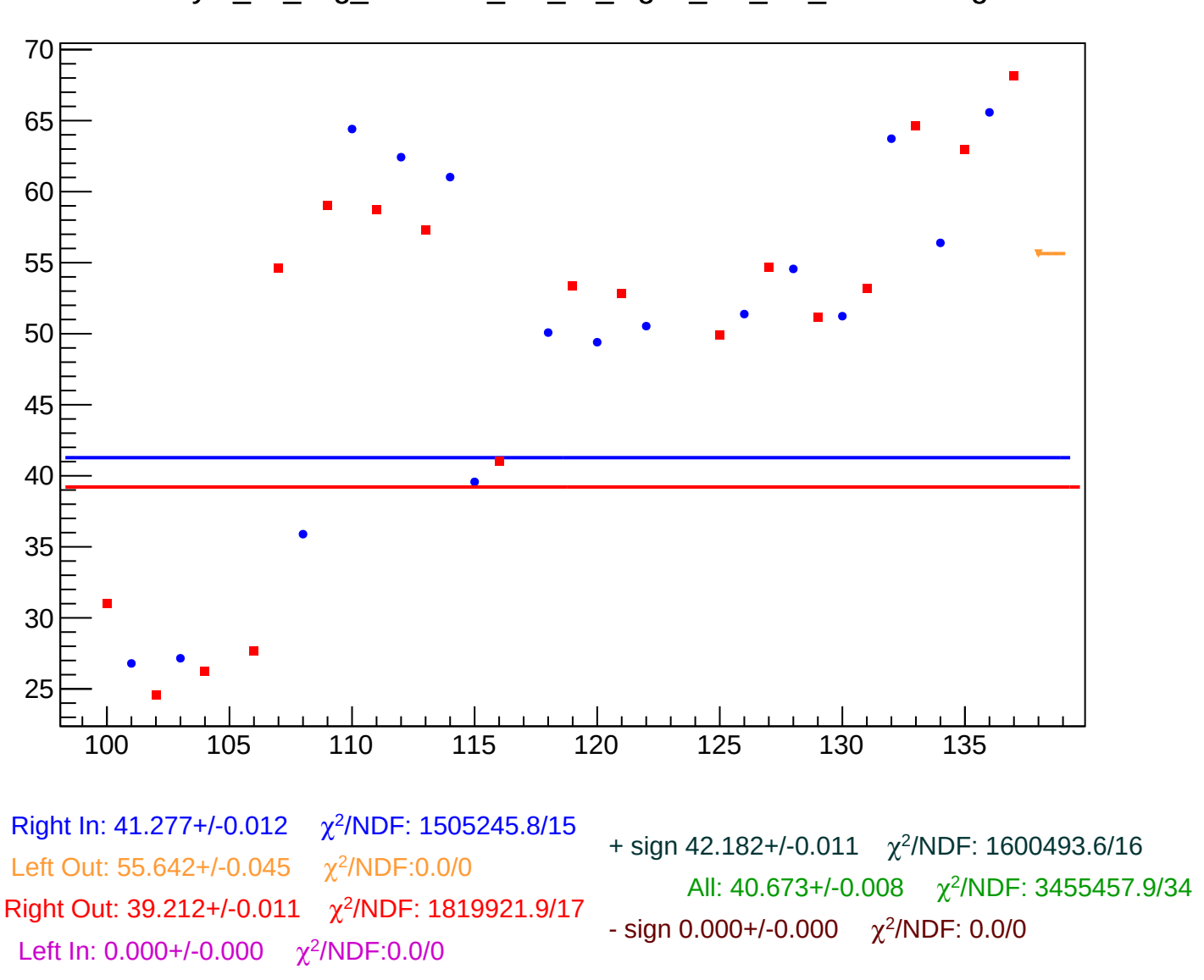
Right Out: -0.018+/-0.016 χ^2/NDF: 12.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

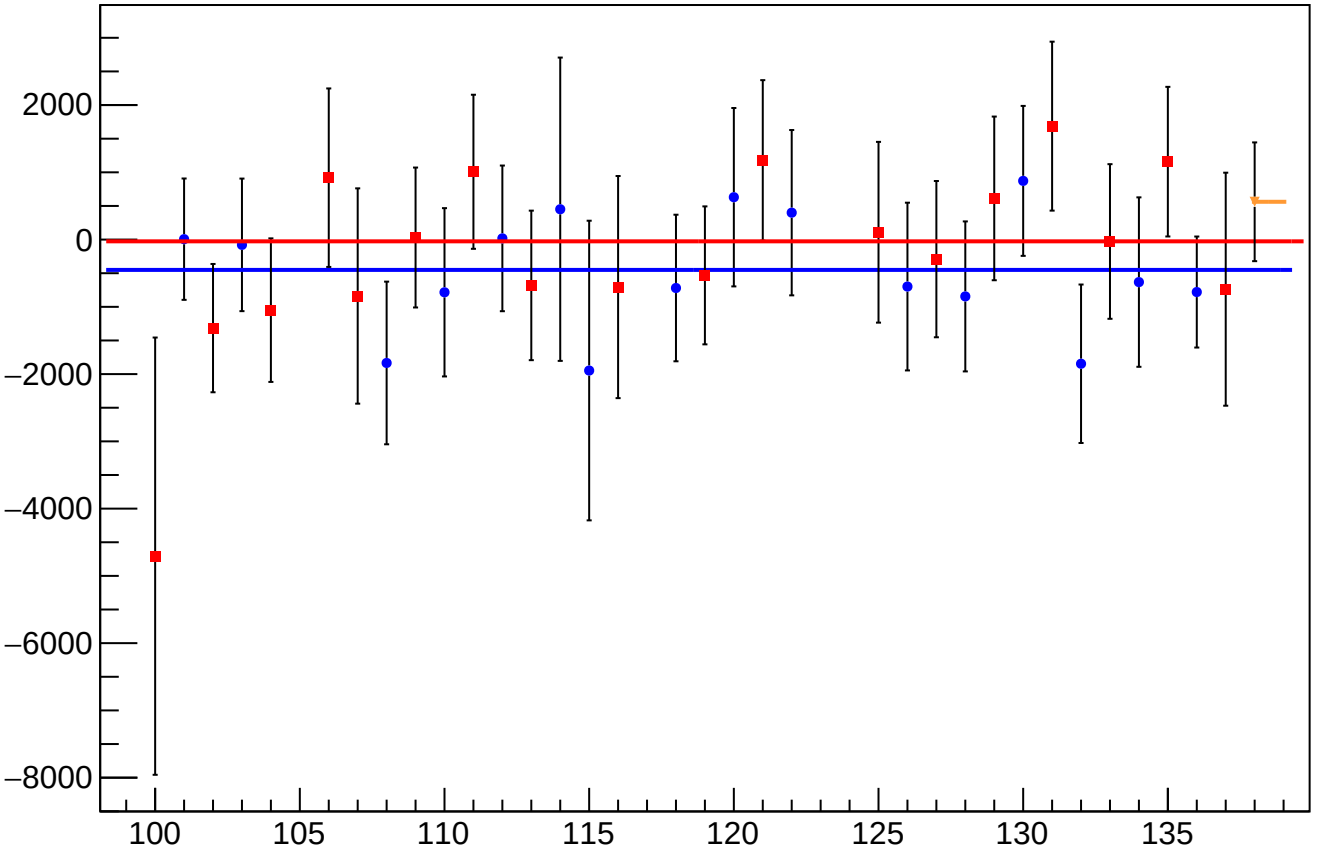
+ sign -0.003+/-0.016 χ^2/NDF: 20.0/16

All: -0.011+/-0.011 χ^2/NDF: 32.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug
70
65
60
55
50
45
40
35
30
25
100
105
110
115
120
125
130
135
Right In: 41.277+/-0.012 χ²/NDF: 1505245.8/15
Left Out: 55.642+/-0.045 χ²/NDF:0.0/0
Right Out: 39.212+/-0.011 χ²/NDF: 1819921.9/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 42.182+/-0.011 χ²/NDF: 1600493.6/16
All: 40.673+/-0.008 χ²/NDF: 3455457.9/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -450.953+/-288.950 χ^2/NDF: 6.9/15

Left Out: 561.892+/-882.767 χ^2/NDF:0.0/0

Right Out: -26.099+/-288.079 χ^2/NDF: 11.7/17

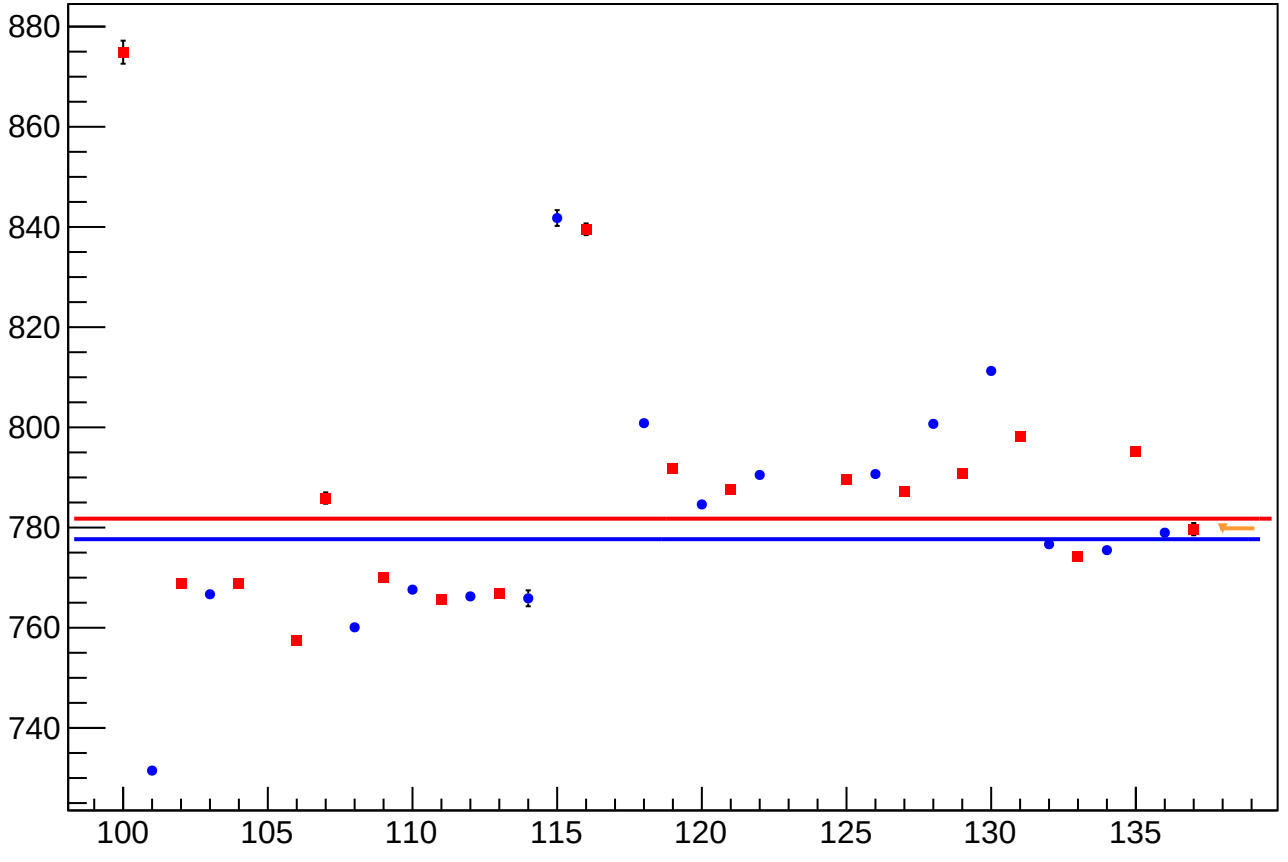
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -352.938+/-274.614 χ^2/NDF: 8.1/16

All: -197.335+/-198.771 χ^2/NDF: 20.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_rms vs Slug



Right In: 777.674+/-0.204 χ^2/NDF: 12055.4/15

Left Out: 779.843+/-0.624 χ^2/NDF:0.0/0

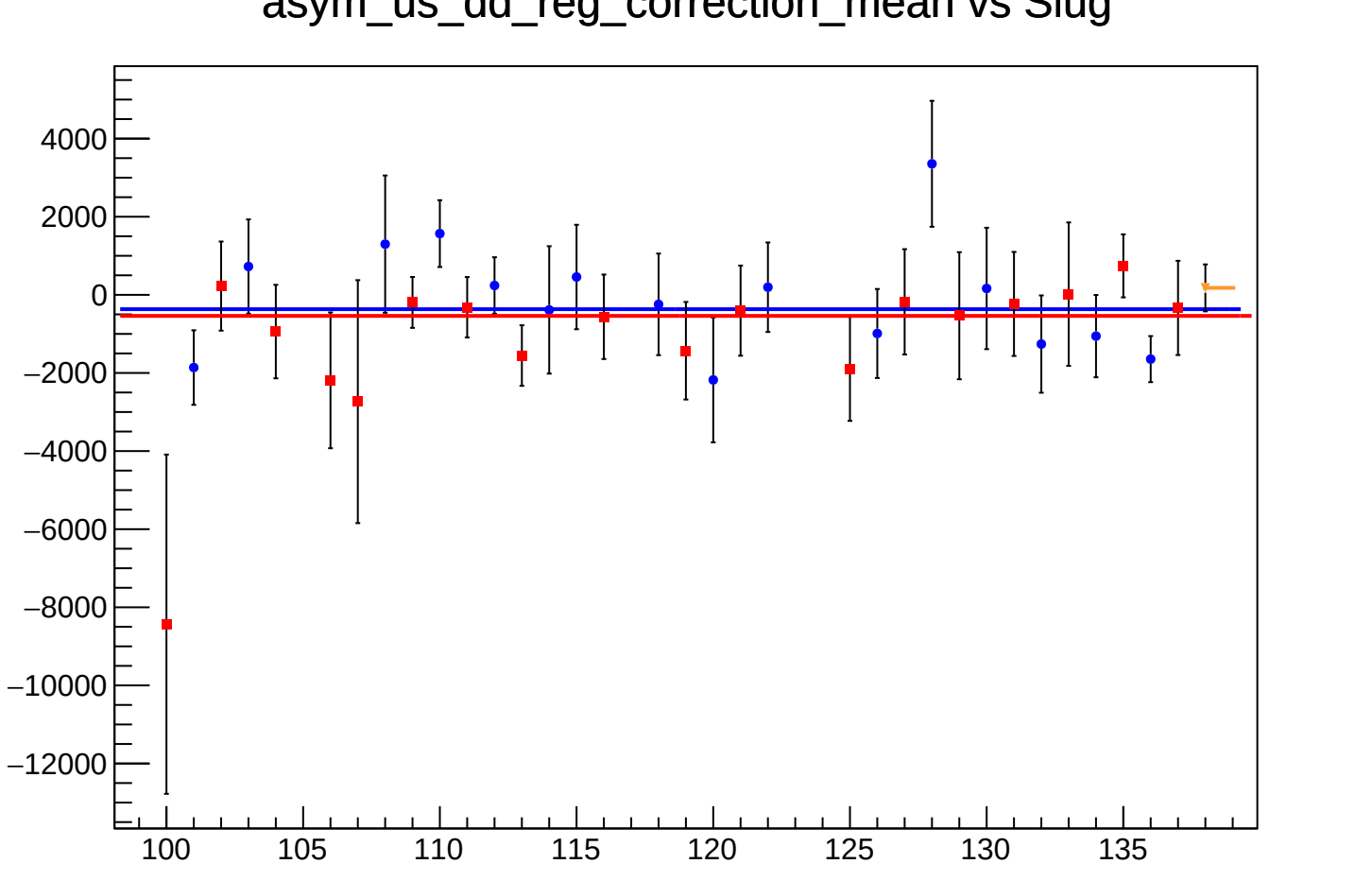
Right Out: 781.777+/-0.204 χ^2/NDF: 7626.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 777.884+/-0.194 χ^2/NDF: 12066.3/16

All: 779.737+/-0.141 χ^2/NDF: 19883.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -367.008+/-266.698 χ^2/NDF: 23.3/15

Left Out: 178.444+/-600.693 χ^2/NDF:0.0/0

Right Out: -538.887+/-262.907 χ^2/NDF: 11.7/17

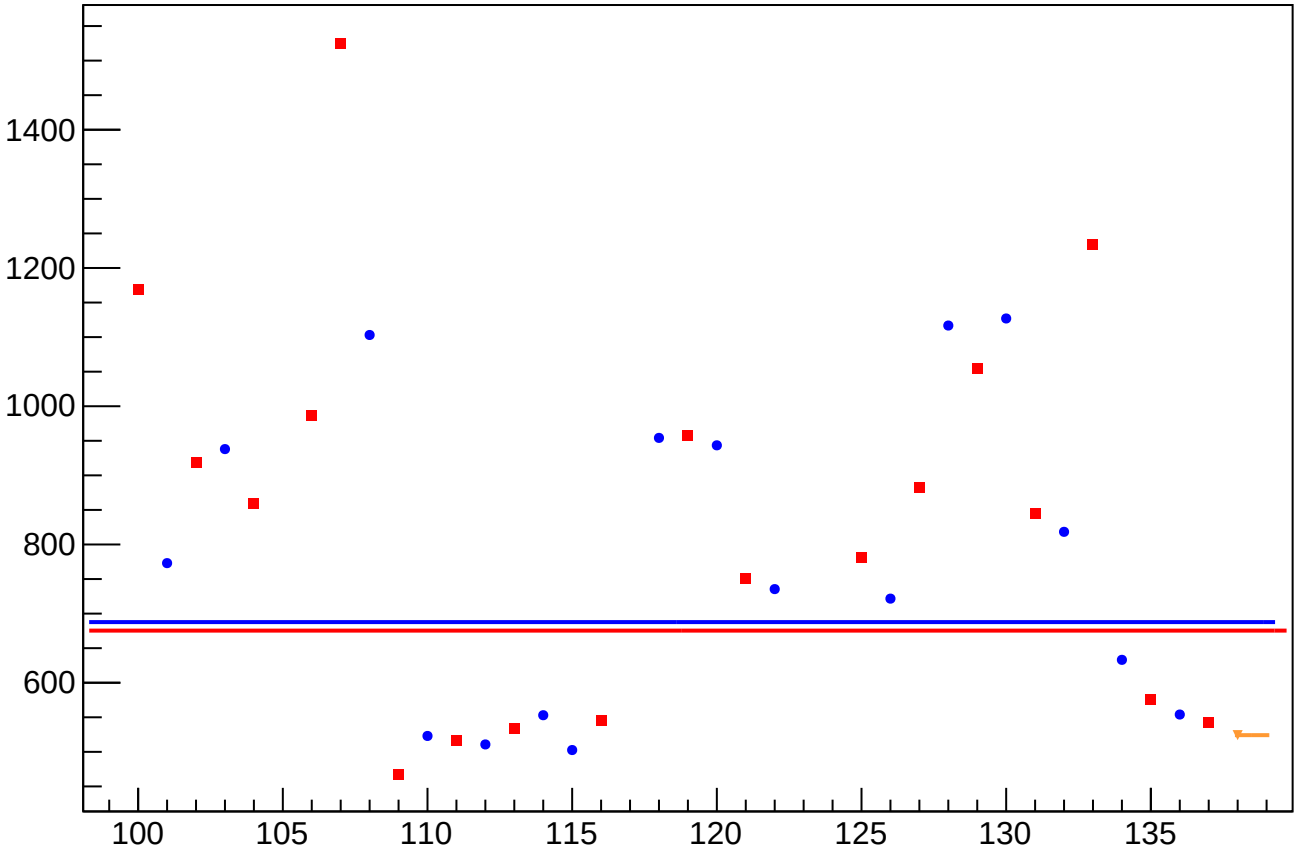
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -277.193+/-243.754 χ^2/NDF: 24.0/16

All: -398.161+/-178.748 χ^2/NDF: 36.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_reg_correction_rms vs Slug



Right In: 687.717+/-0.189 χ^2/NDF: 1031906.6/15

Left Out: 524.164+/-0.425 χ^2/NDF:0.0/0

Right Out: 675.410+/-0.186 χ^2/NDF: 1313004.6/17

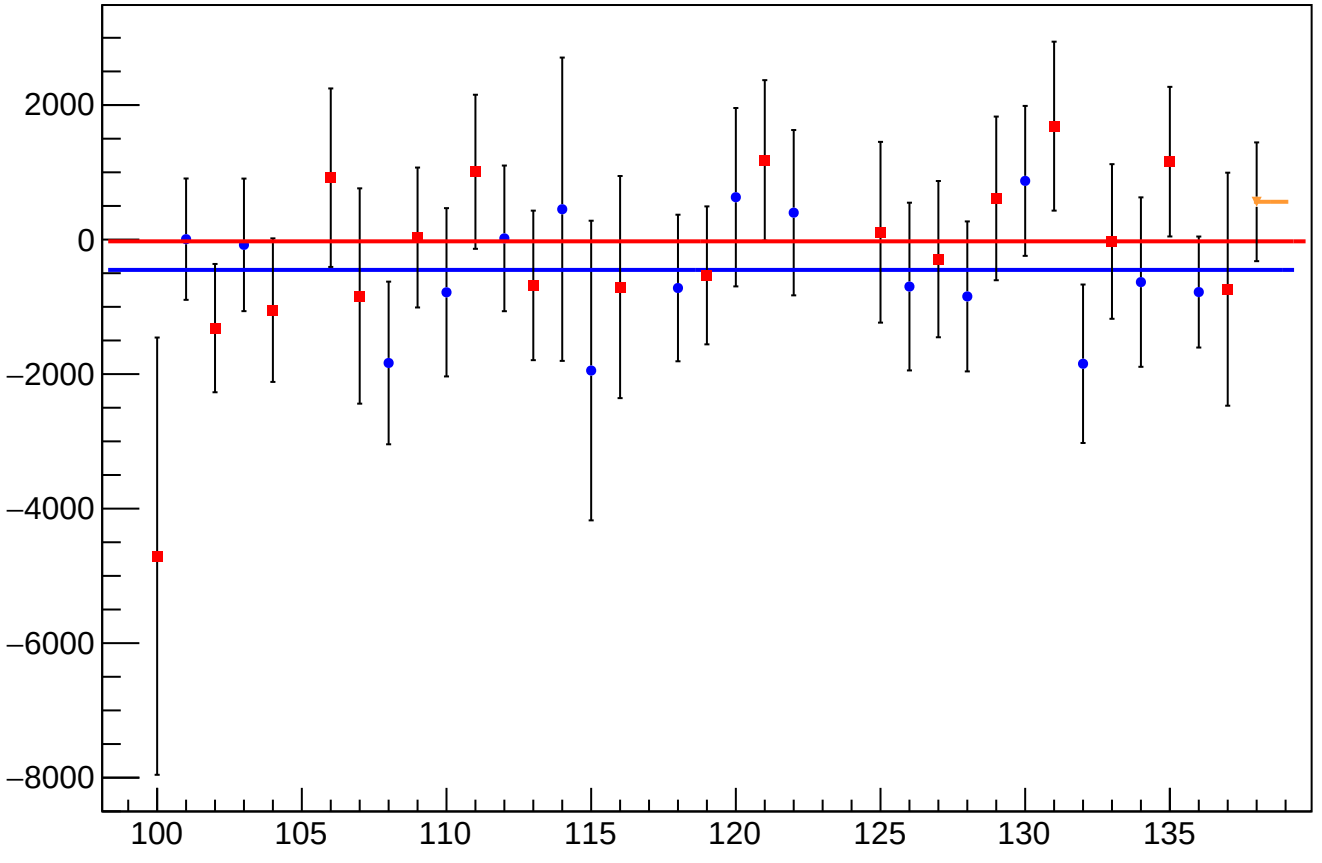
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 660.786+/-0.172 χ^2/NDF: 1155758.7/16

All: 667.546+/-0.126 χ^2/NDF: 2472090.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_mean vs Slug



Right In: -450.953+/-288.950 χ^2/NDF: 6.9/15

Left Out: 561.892+/-882.767 χ^2/NDF:0.0/0

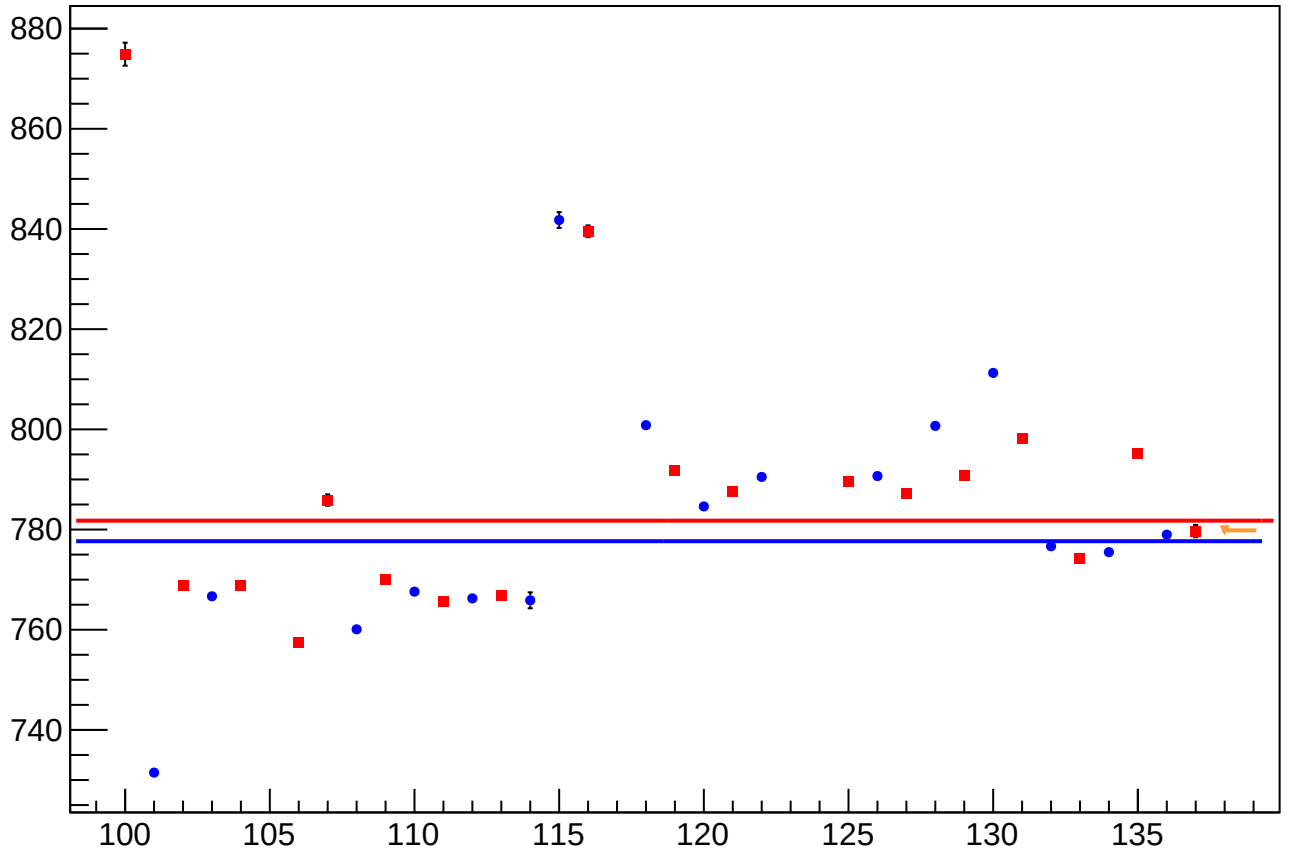
Right Out: -26.099+/-288.079 χ^2/NDF: 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -352.938+/-274.614 χ^2/NDF: 8.1/16

All: -197.335+/-198.771 χ^2/NDF: 20.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 777.674+/-0.204 χ^2/NDF: 12055.4/15

Left Out: 779.843+/-0.624 χ^2/NDF:0.0/0

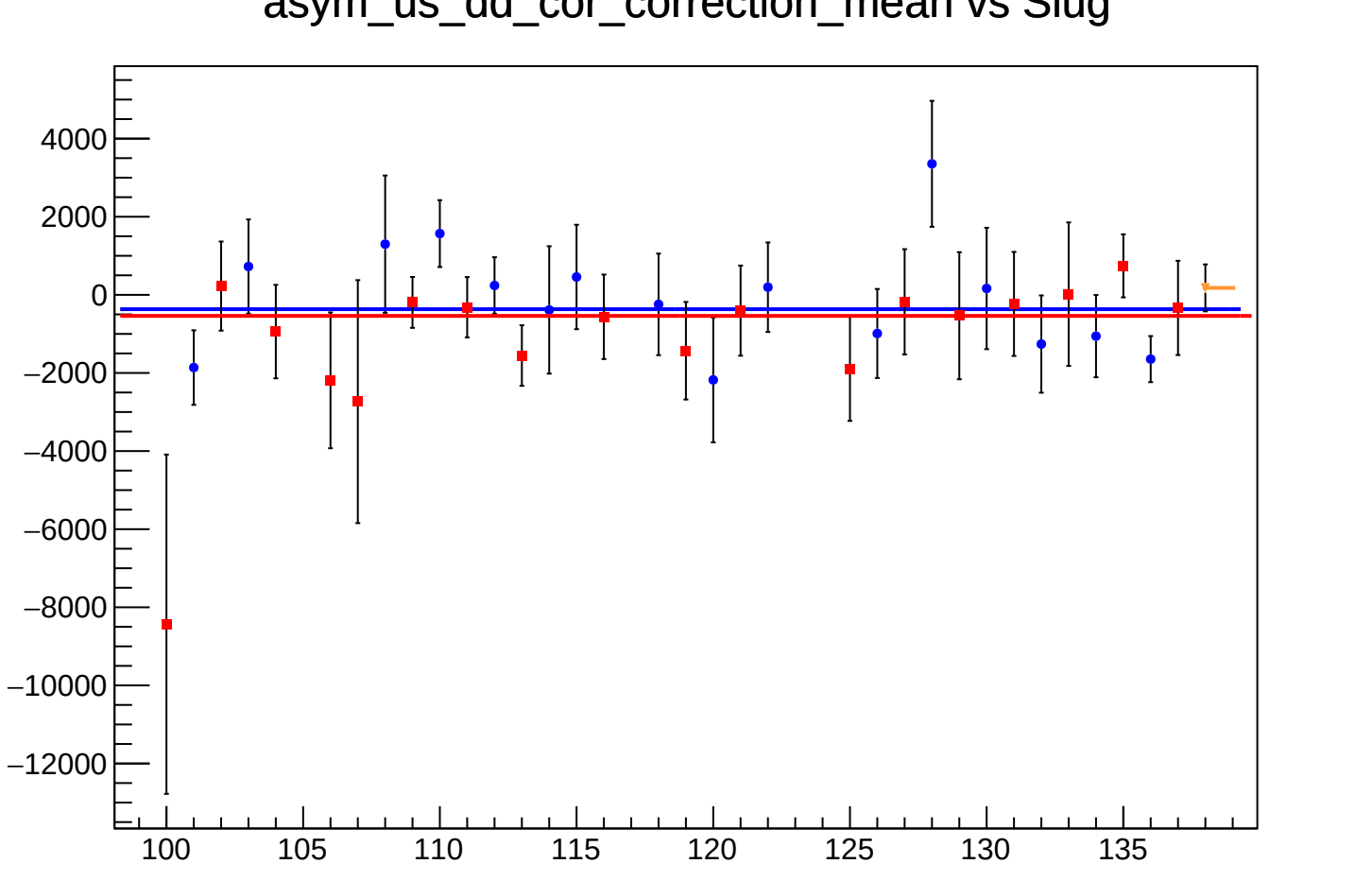
Right Out: 781.777+/-0.204 χ^2/NDF: 7626.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 777.884+/-0.194 χ^2/NDF: 12066.3/16

All: 779.737+/-0.141 χ^2/NDF: 19883.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -367.008+/-266.698 χ^2/NDF: 23.3/15

Left Out: 178.444+/-600.693 χ^2/NDF:0.0/0

Right Out: -538.887+/-262.907 χ^2/NDF: 11.7/17

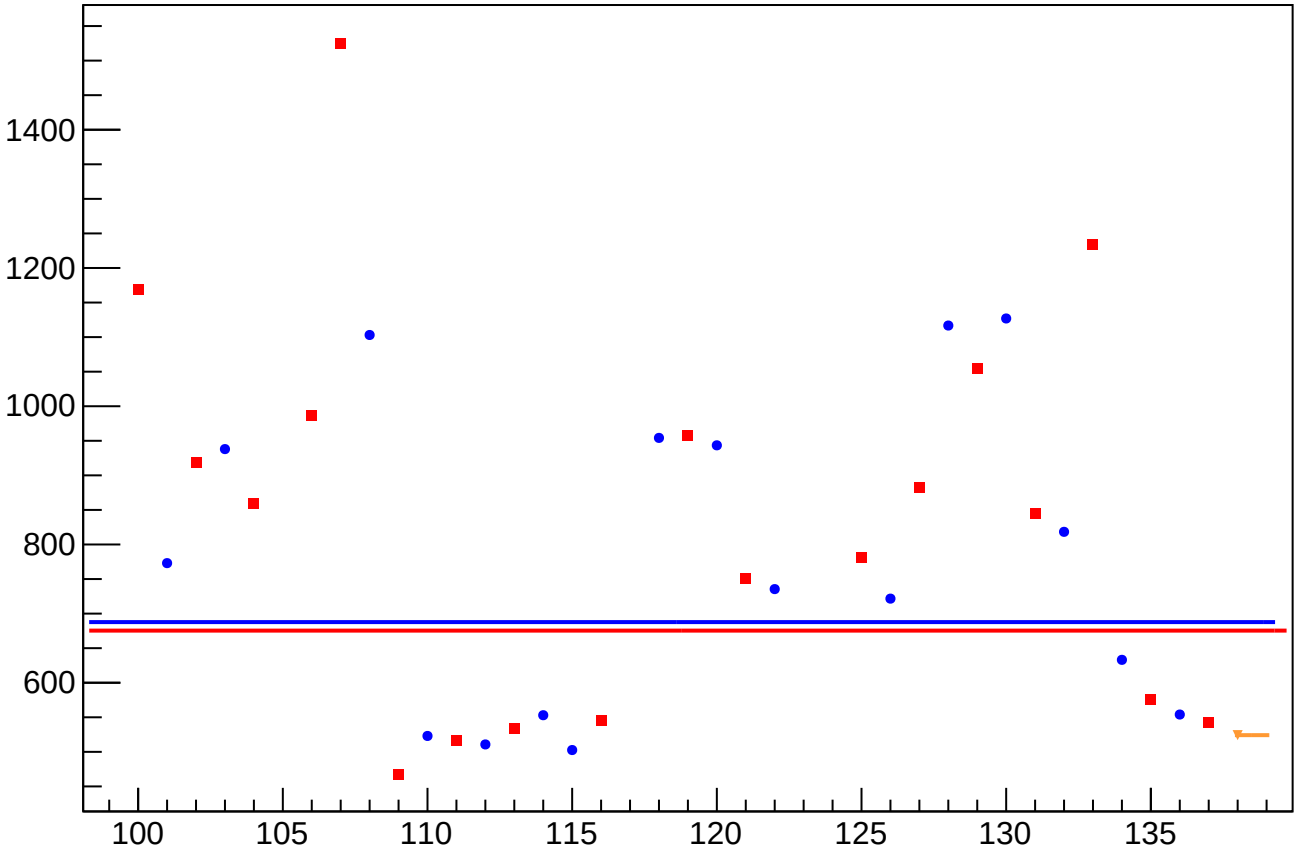
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -277.193+/-243.754 χ^2/NDF: 24.0/16

All: -398.161+/-178.748 χ^2/NDF: 36.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_cor_correction_rms vs Slug



Right In: 687.717+/-0.189 χ^2/NDF: 1031906.6/15

Left Out: 524.164+/-0.425 χ^2/NDF:0.0/0

Right Out: 675.410+/-0.186 χ^2/NDF: 1313004.6/17

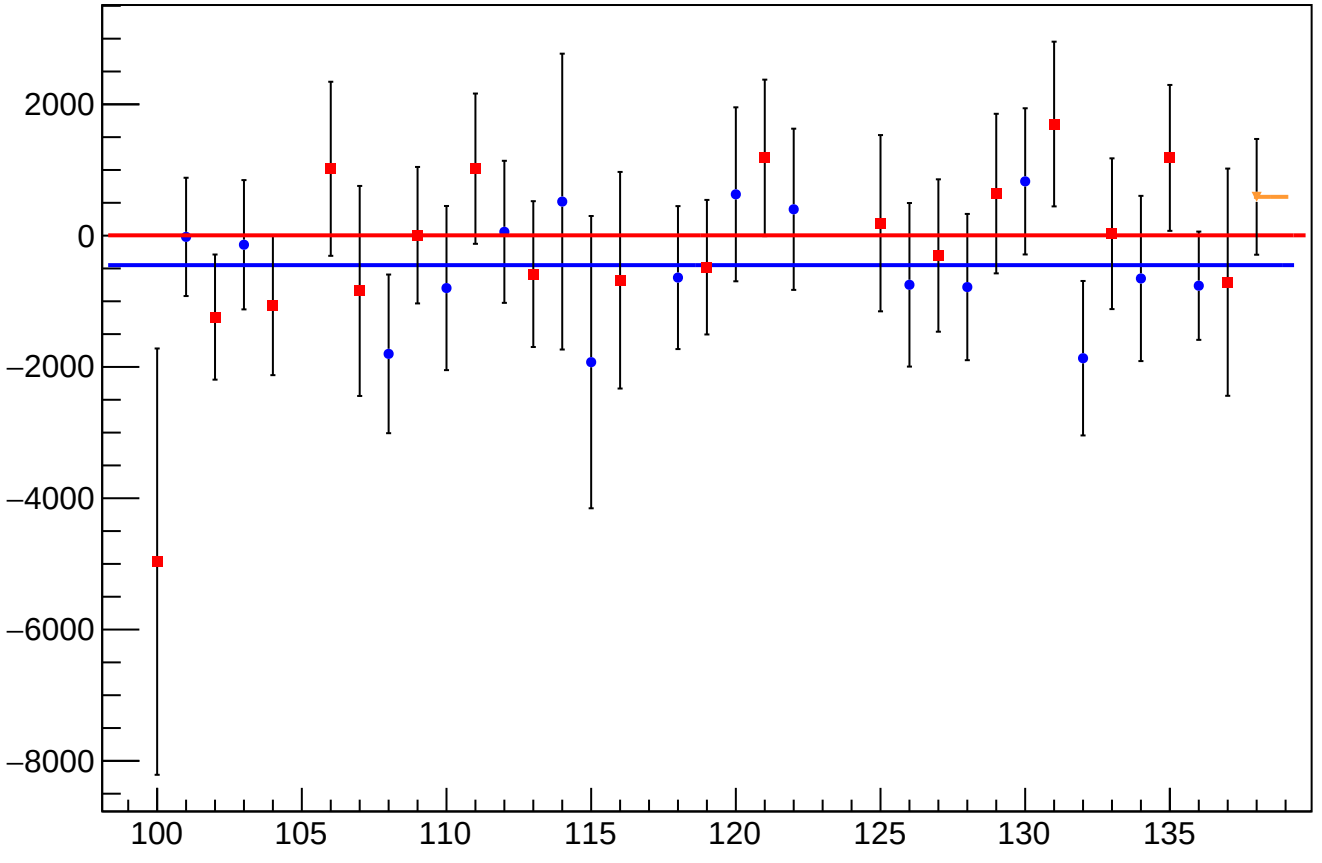
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 660.786+/-0.172 χ^2/NDF: 1155758.7/16

All: 667.546+/-0.126 χ^2/NDF: 2472090.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_us_dd_mean vs Slug



Right In: -449.430+/-288.668 χ^2/NDF: 6.8/15

Left Out: 590.776+/-881.610 χ^2/NDF:0.0/0

Right Out: 4.645+/-287.815 χ^2/NDF: 11.8/17

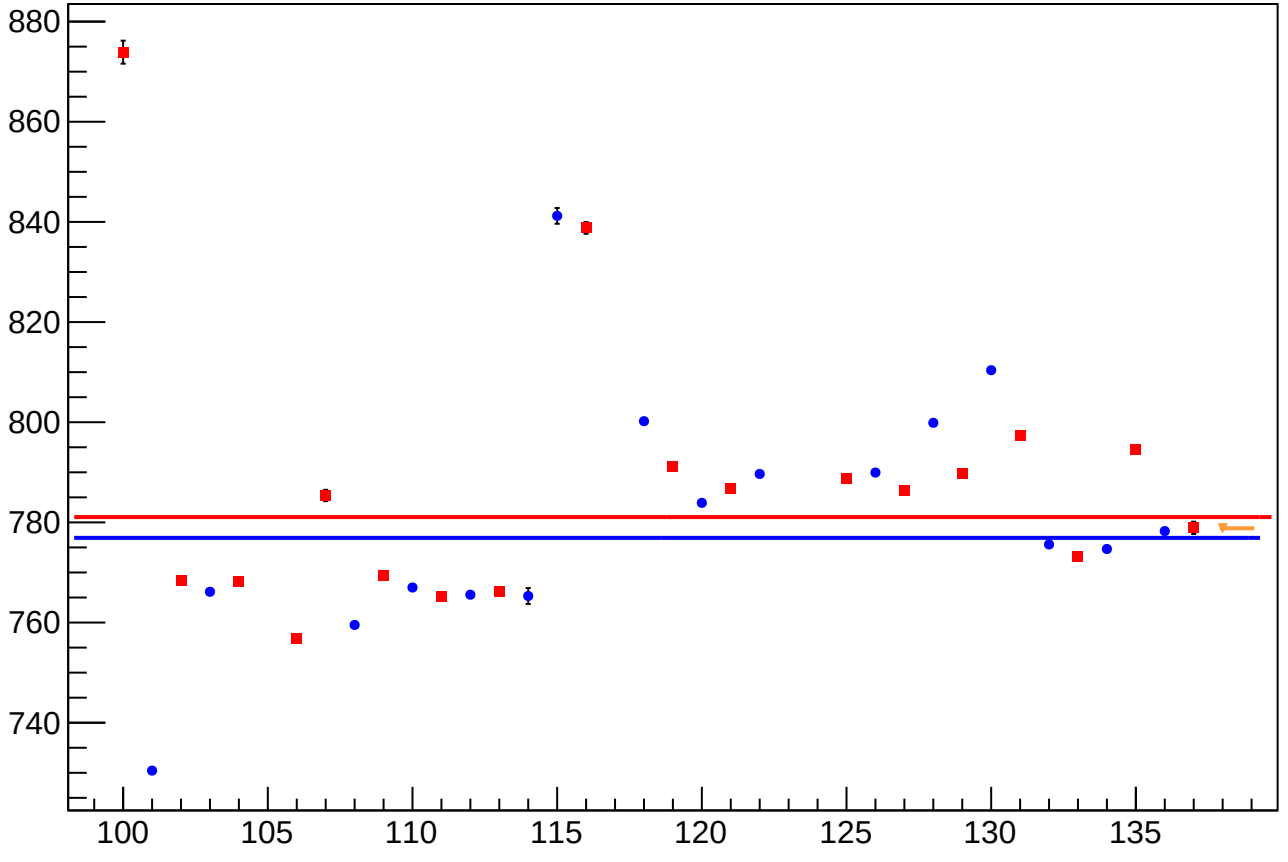
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -348.706+/-274.336 χ^2/NDF: 8.0/16

All: -180.498+/-198.579 χ^2/NDF: 20.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 776.913+/-0.204 χ^2/NDF: 12123.6/15

Left Out: 778.821+/-0.623 χ^2/NDF:0.0/0

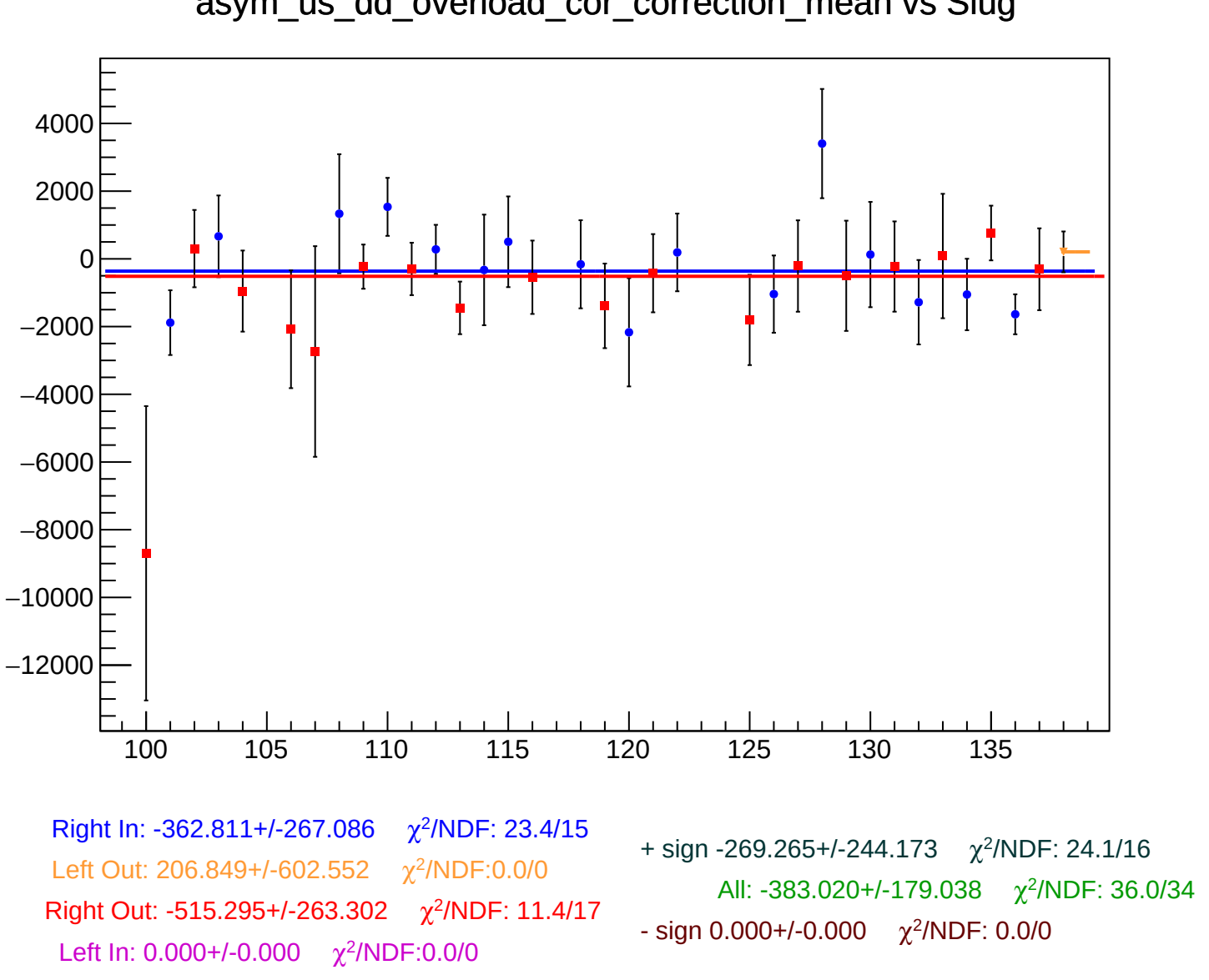
Right Out: 781.061+/-0.204 χ^2/NDF: 7585.8/17

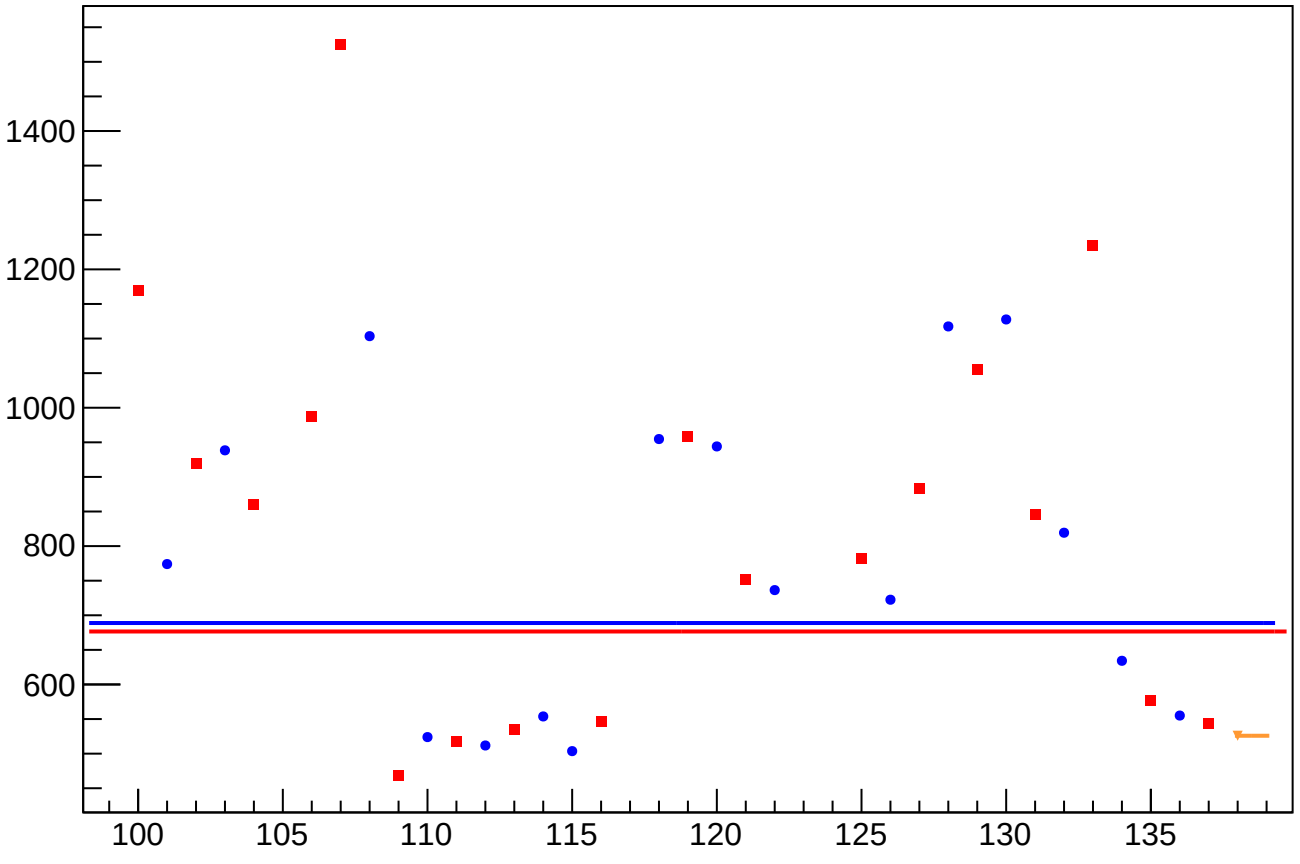
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 777.098+/-0.194 χ^2/NDF: 12132.0/16

All: 778.984+/-0.140 χ^2/NDF: 19916.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_overload_cor_correction_mean vs Slug
4000
2000
0
−2000
−4000
−6000
−8000
−10000
−12000
100
105
110
115
120
125
130
135
Right In: -362.811+/-267.086 χ²/NDF: 23.4/15
Left Out: 206.849+/-602.552 χ²/NDF:0.0/0
Right Out: -515.295+/-263.302 χ²/NDF: 11.4/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -269.265+/-244.173 χ²/NDF: 24.1/16
All: -383.020+/-179.038 χ²/NDF: 36.0/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 688.828+/-0.189 χ^2/NDF: 1028118.5/15

Left Out: 525.870+/-0.426 χ^2/NDF:0.0/0

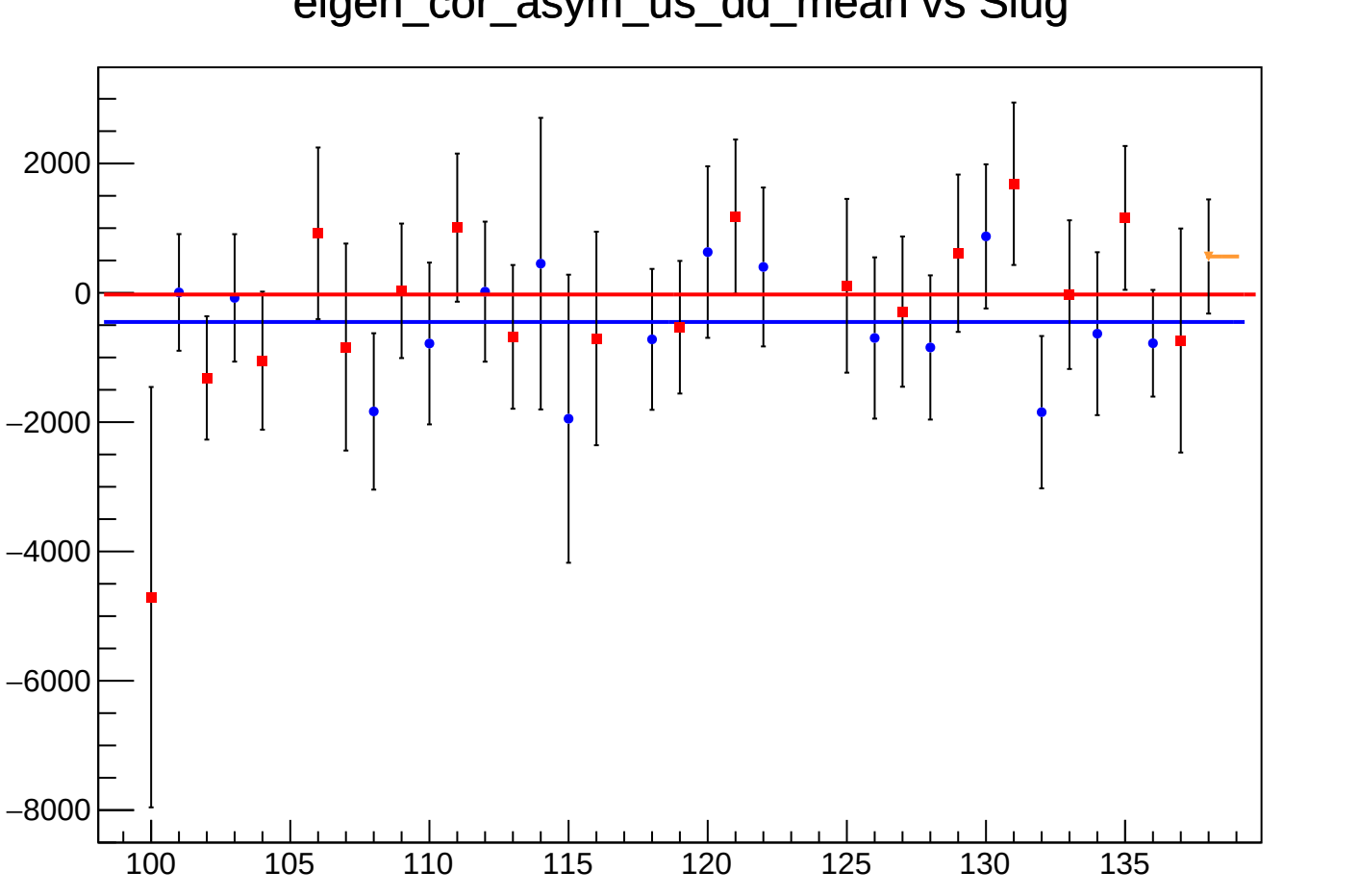
Right Out: 676.572+/-0.186 χ^2/NDF: 1308036.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 662.069+/-0.173 χ^2/NDF: 1150380.5/16

All: 668.774+/-0.127 χ^2/NDF: 2461679.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -450.953+/-288.950 χ^2/NDF: 6.9/15

Left Out: 561.892+/-882.767 χ^2/NDF:0.0/0

Right Out: -26.099+/-288.079 χ^2/NDF: 11.7/17

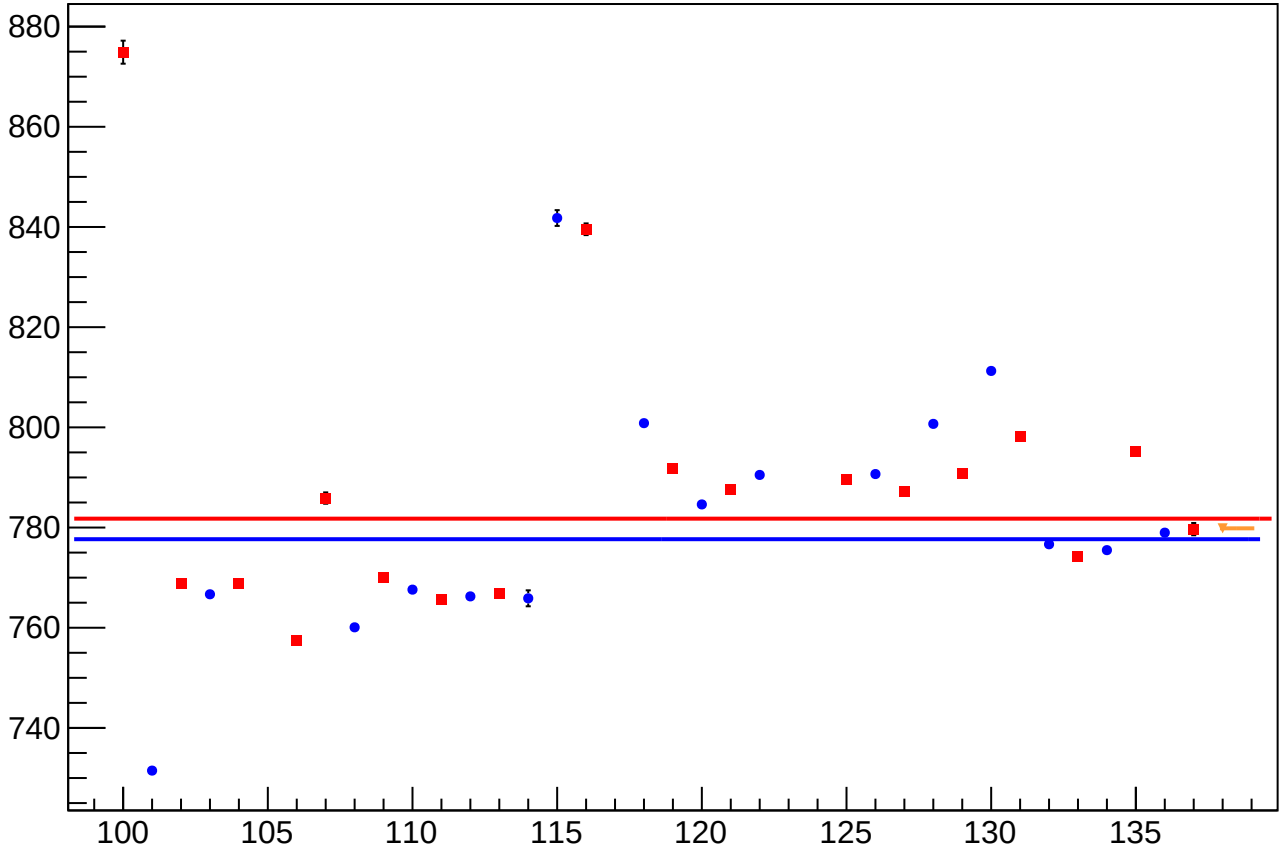
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -352.938+/-274.614 χ^2/NDF: 8.1/16

All: -197.335+/-198.771 χ^2/NDF: 20.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_rms vs Slug



Right In: 777.674+/-0.204 χ^2/NDF: 12055.4/15

Left Out: 779.843+/-0.624 χ^2/NDF:0.0/0

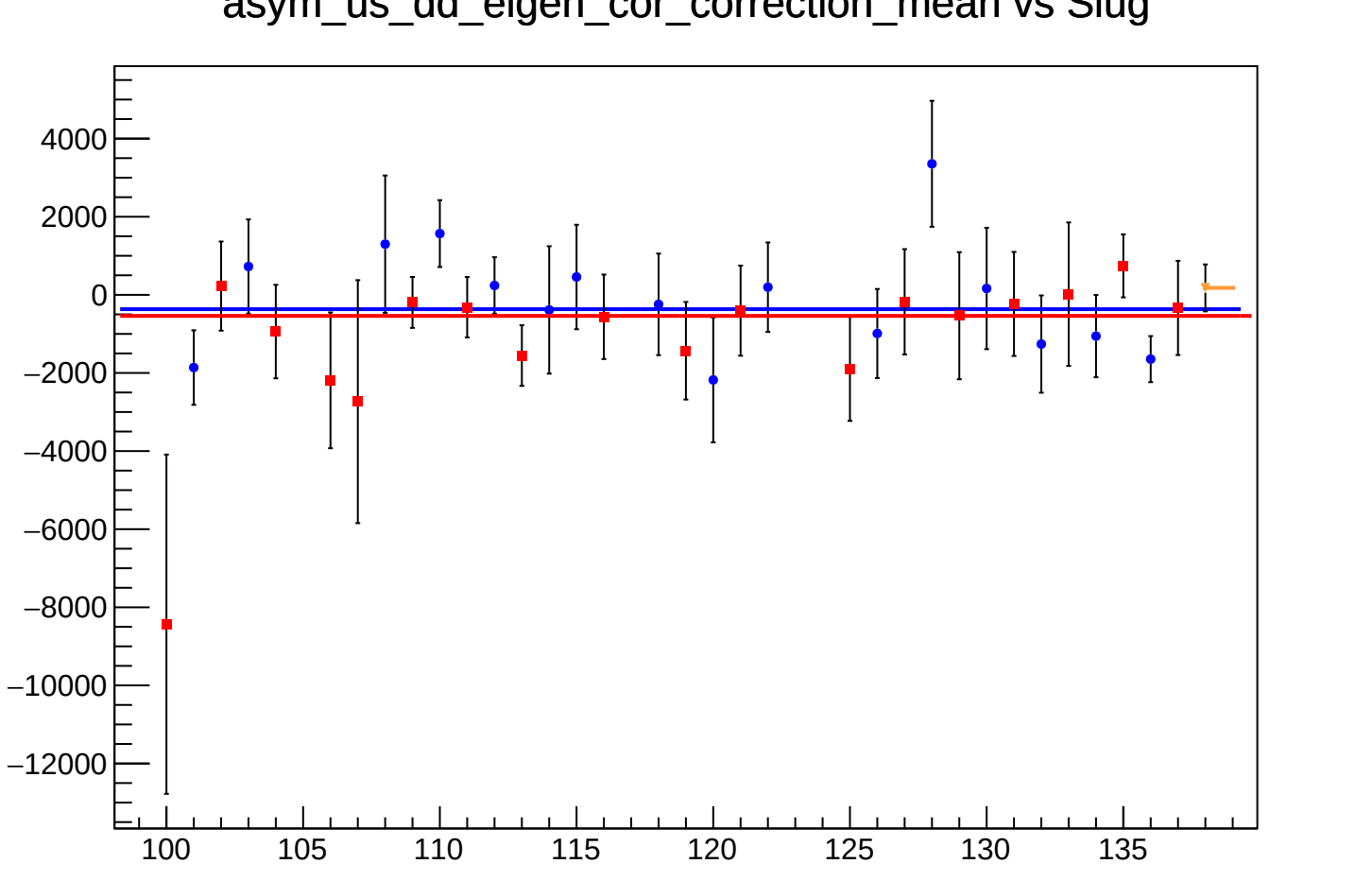
Right Out: 781.777+/-0.204 χ^2/NDF: 7626.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 777.884+/-0.194 χ^2/NDF: 12066.3/16

All: 779.737+/-0.141 χ^2/NDF: 19883.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -367.008+/-266.698 χ^2/NDF: 23.3/15

Left Out: 178.444+/-600.693 χ^2/NDF:0.0/0

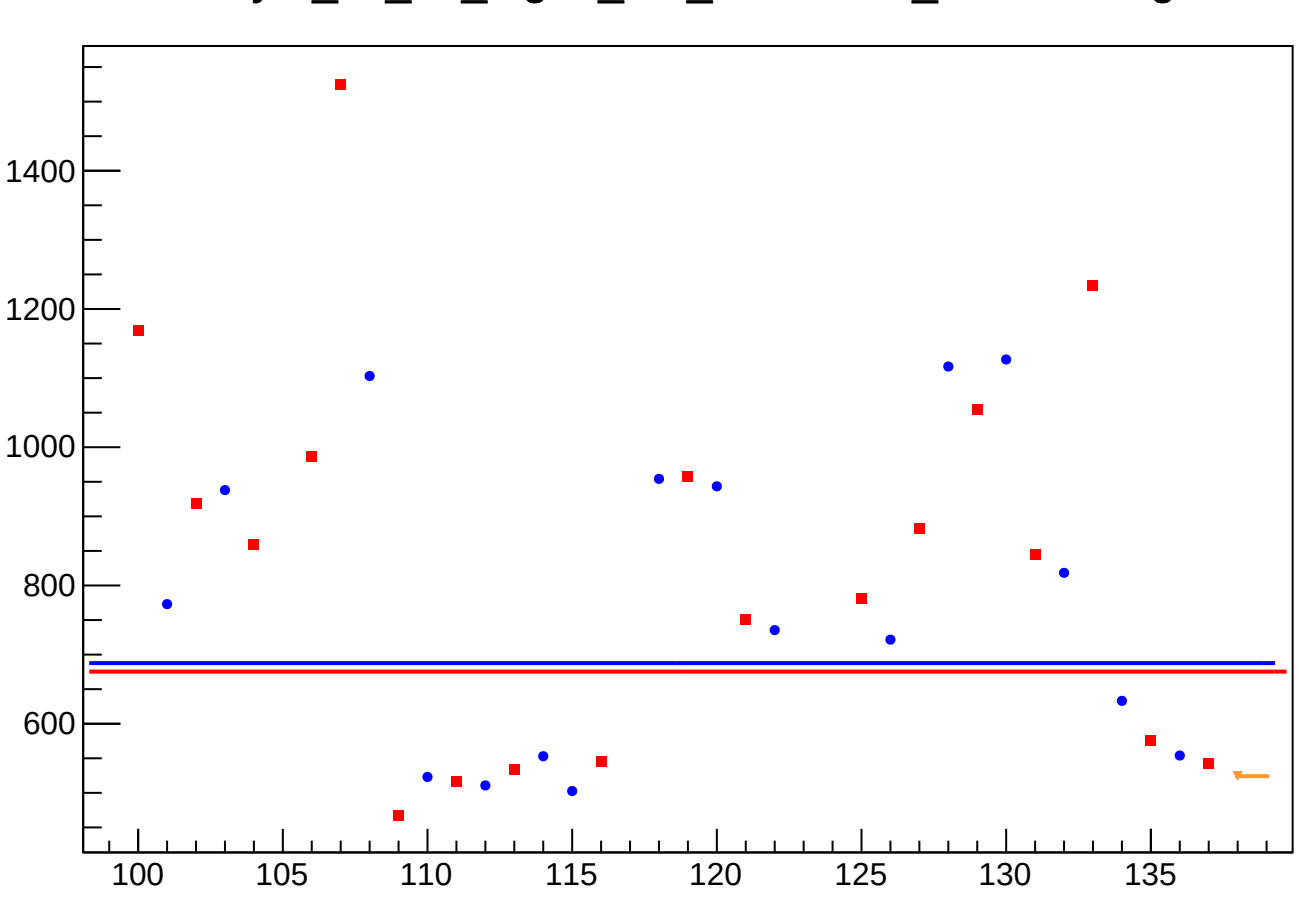
Right Out: -538.887+/-262.907 χ^2/NDF: 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -277.193+/-243.754 χ^2/NDF: 24.0/16

All: -398.161+/-178.748 χ^2/NDF: 36.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 687.717+/-0.189 χ^2/NDF: 1031906.6/15

Left Out: 524.164+/-0.425 χ^2/NDF:0.0/0

Right Out: 675.410+/-0.186 χ^2/NDF: 1313004.6/17

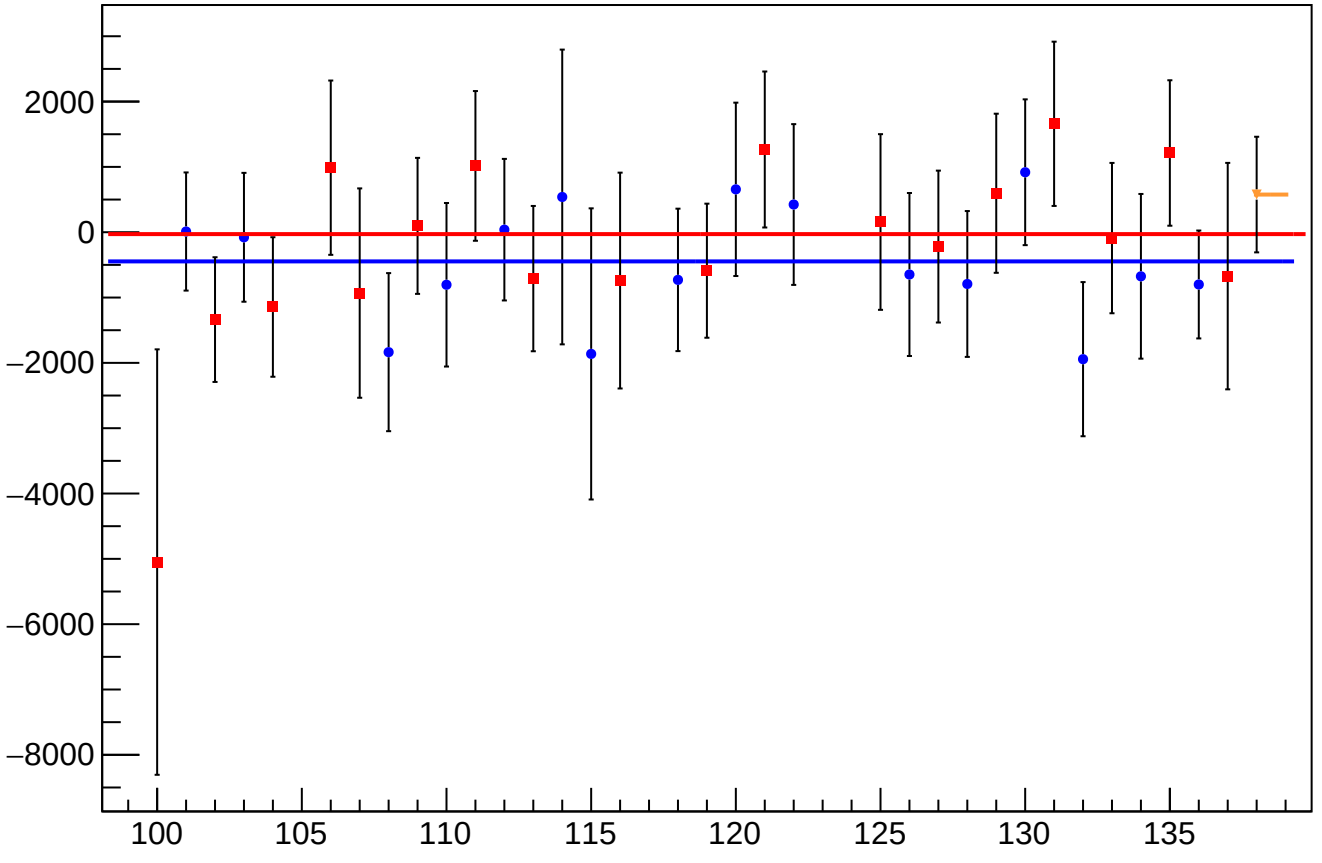
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 660.786+/-0.172 χ^2/NDF: 1155758.7/16

All: 667.546+/-0.126 χ^2/NDF: 2472090.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_mean vs Slug



Right In: -446.659+/-289.238 χ^2/NDF: 7.3/15

Left Out: 576.451+/-884.963 χ^2/NDF:0.0/0

Right Out: -28.787+/-288.372 χ^2/NDF: 12.6/17

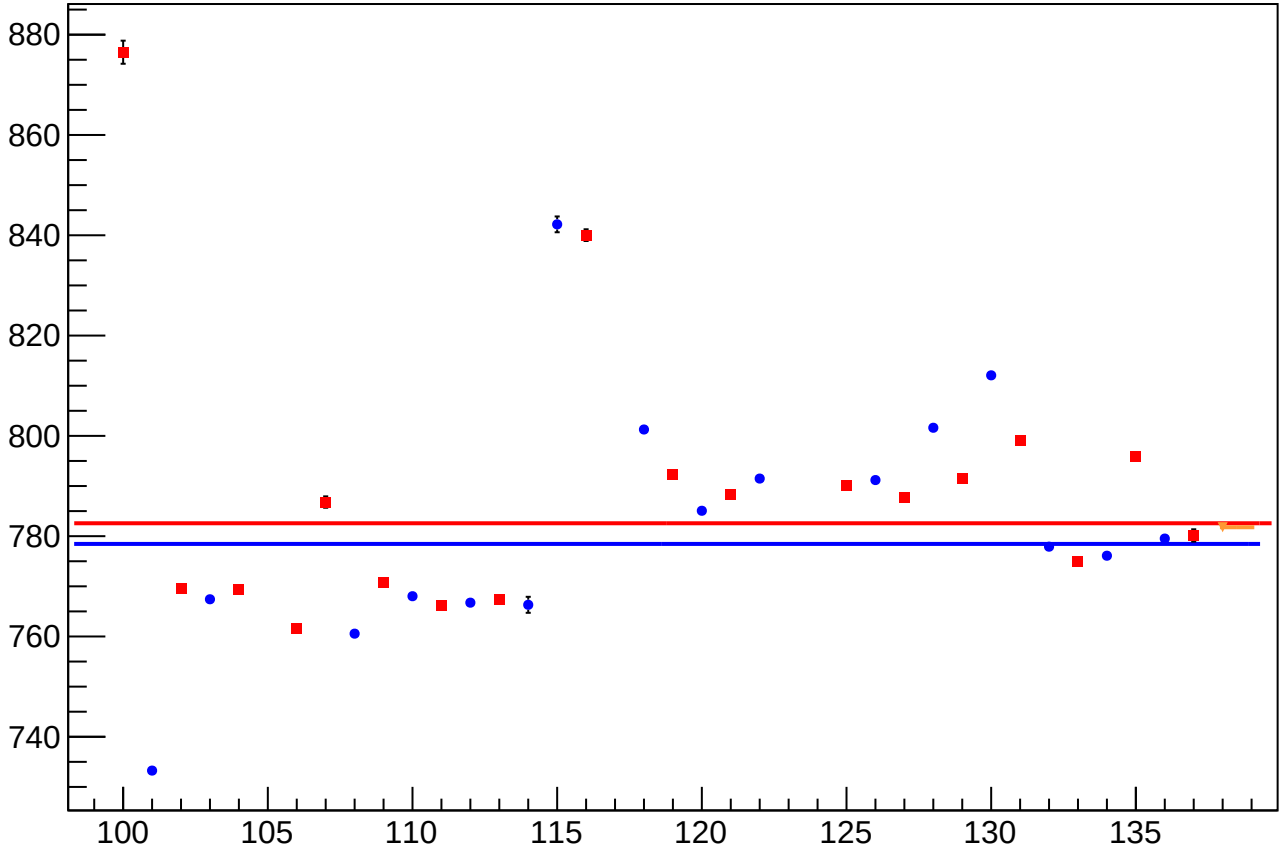
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -347.916+/-274.927 χ^2/NDF: 8.5/16

All: -195.964+/-198.986 χ^2/NDF: 21.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 778.456+/-0.205 χ^2/NDF: 11795.2/15

Left Out: 781.780+/-0.626 χ^2/NDF:0.0/0

Right Out: 782.575+/-0.204 χ^2/NDF: 7481.4/17

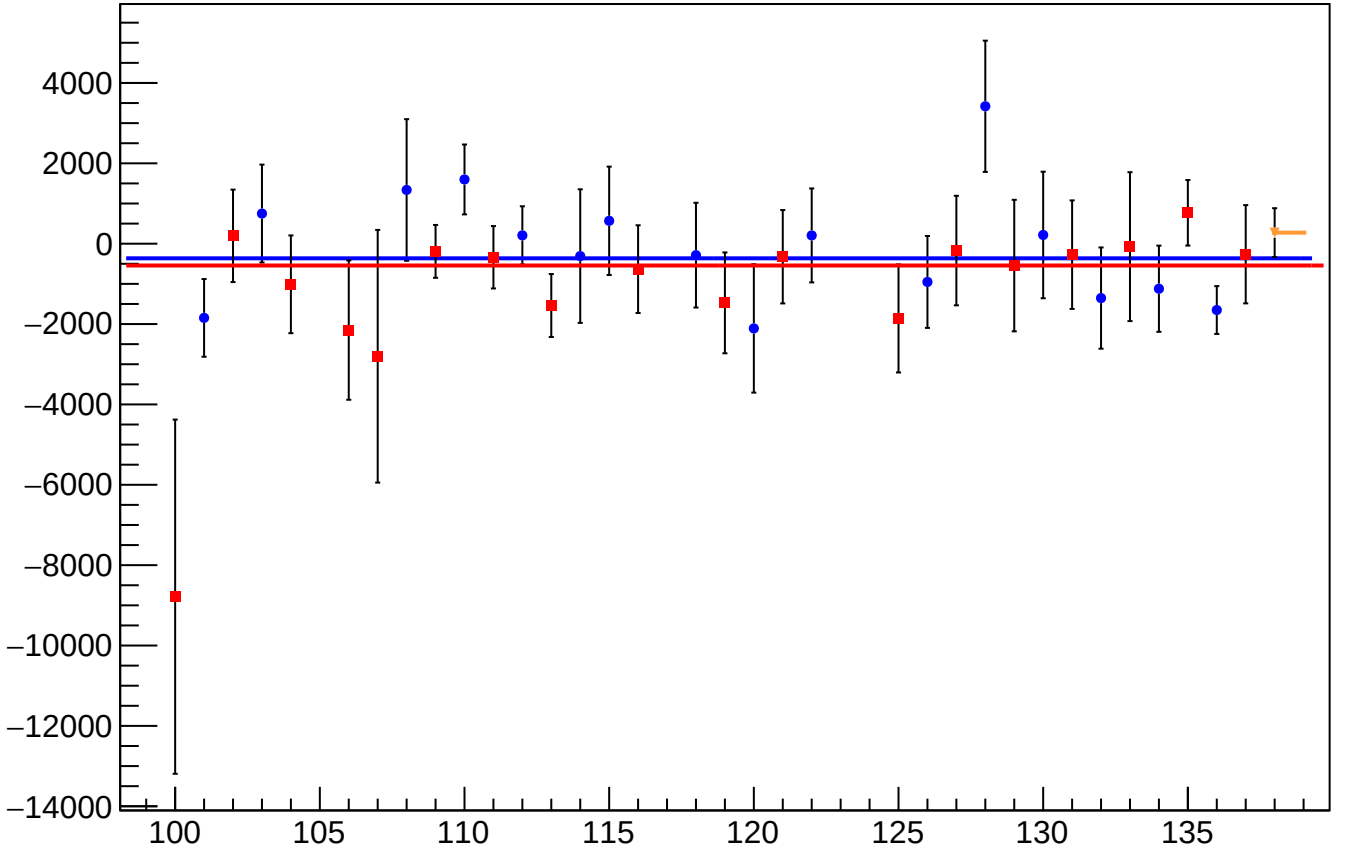
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 778.777+/-0.194 χ^2/NDF: 11820.7/16

All: 780.585+/-0.141 χ^2/NDF: 19483.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_dit_correction_mean vs Slug



Right In: -363.977+/-269.316 χ^2/NDF: 23.3/15

Left Out: 274.445+/-608.445 χ^2/NDF:0.0/0

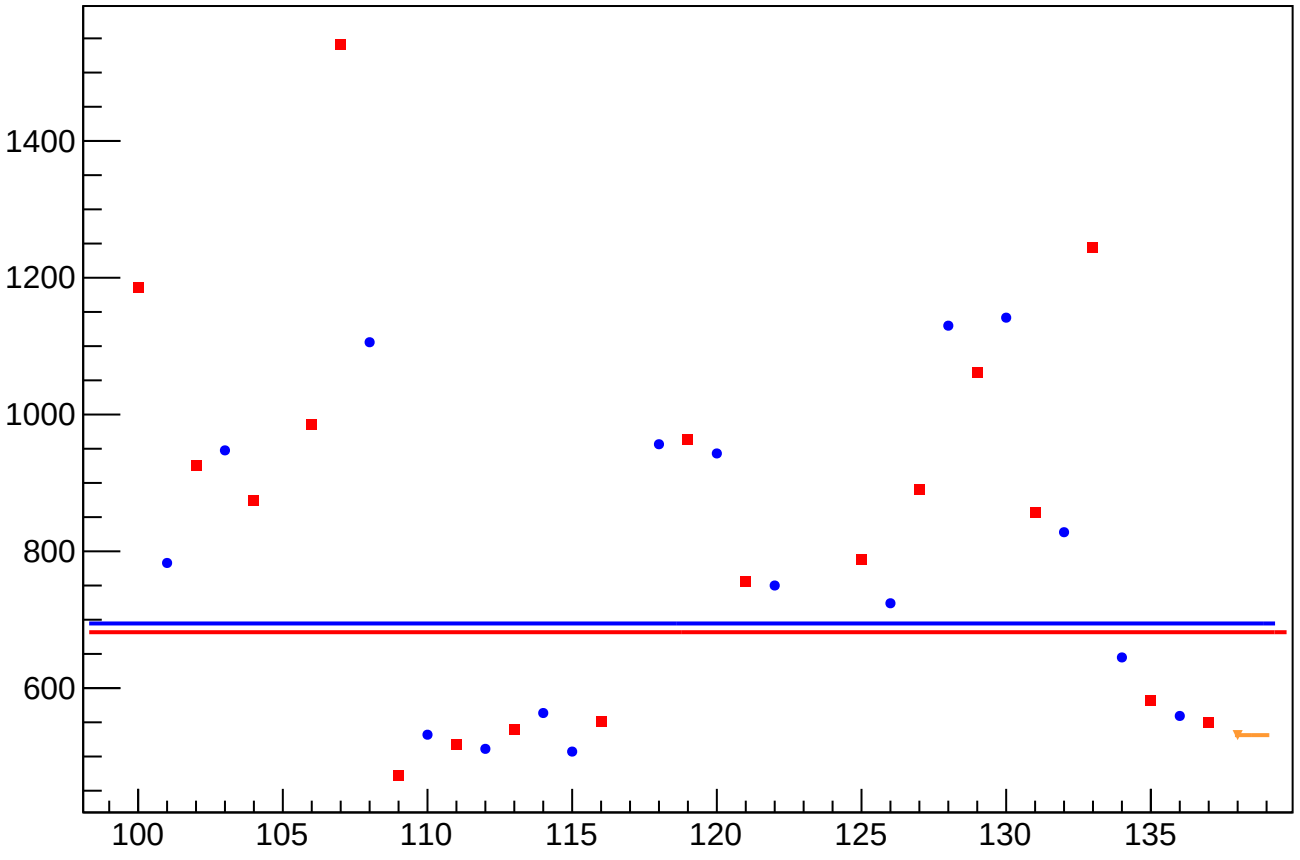
Right Out: -542.879+/-265.273 χ^2/NDF: 11.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -259.388+/-246.269 χ^2/NDF: 24.2/16

All: -390.616+/-180.483 χ^2/NDF: 36.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 694.522+/-0.190 χ^2/NDF: 1029884.9/15

Left Out: 531.270+/-0.430 χ^2/NDF:0.0/0

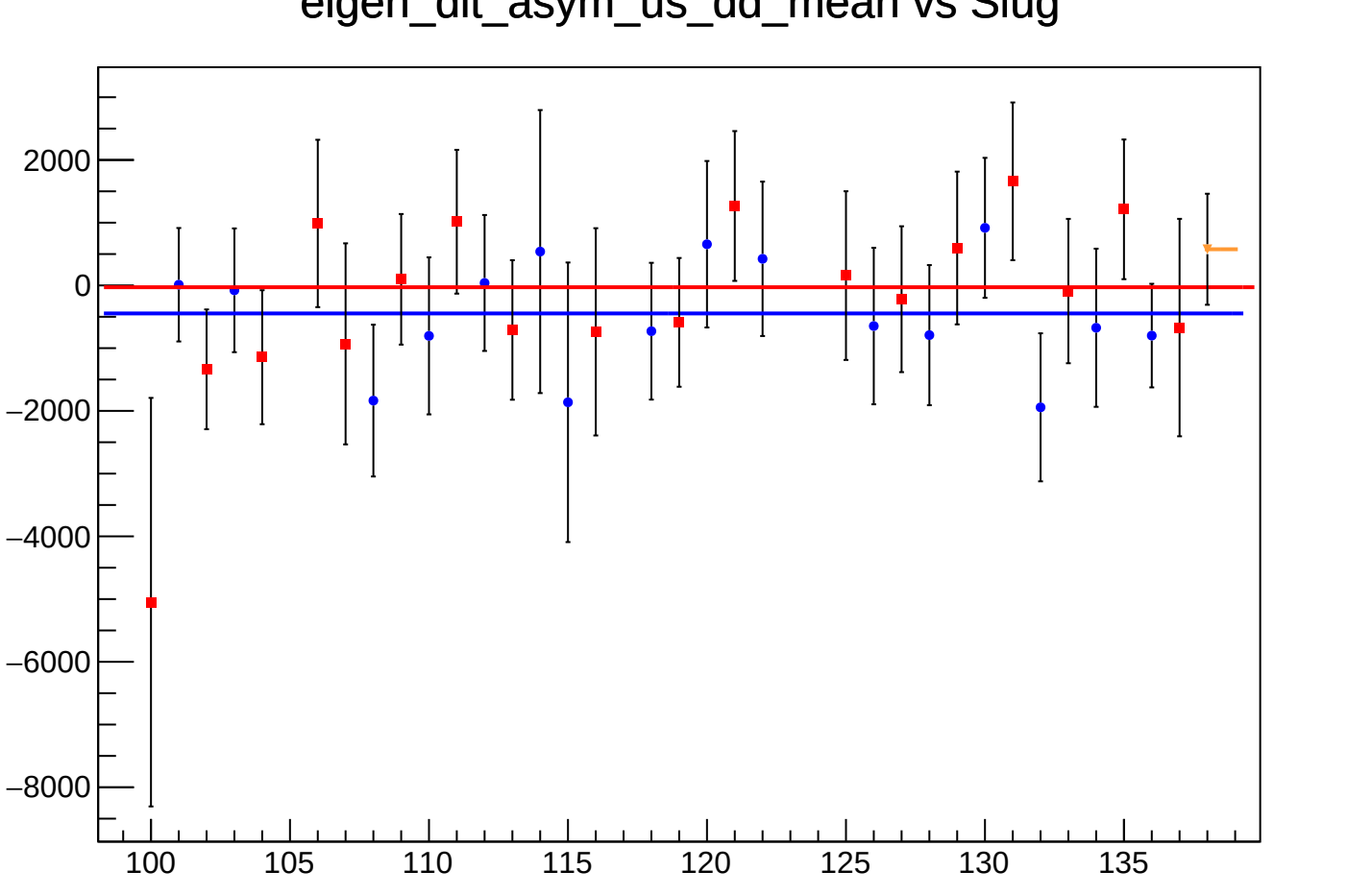
Right Out: 681.744+/-0.188 χ^2/NDF: 1311322.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 667.778+/-0.174 χ^2/NDF: 1150279.0/16

All: 674.243+/-0.128 χ^2/NDF: 2464579.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -446.659+/-289.238 χ^2/NDF: 7.3/15

Left Out: 576.451+/-884.963 χ^2/NDF:0.0/0

Right Out: -28.786+/-288.372 χ^2/NDF: 12.6/17

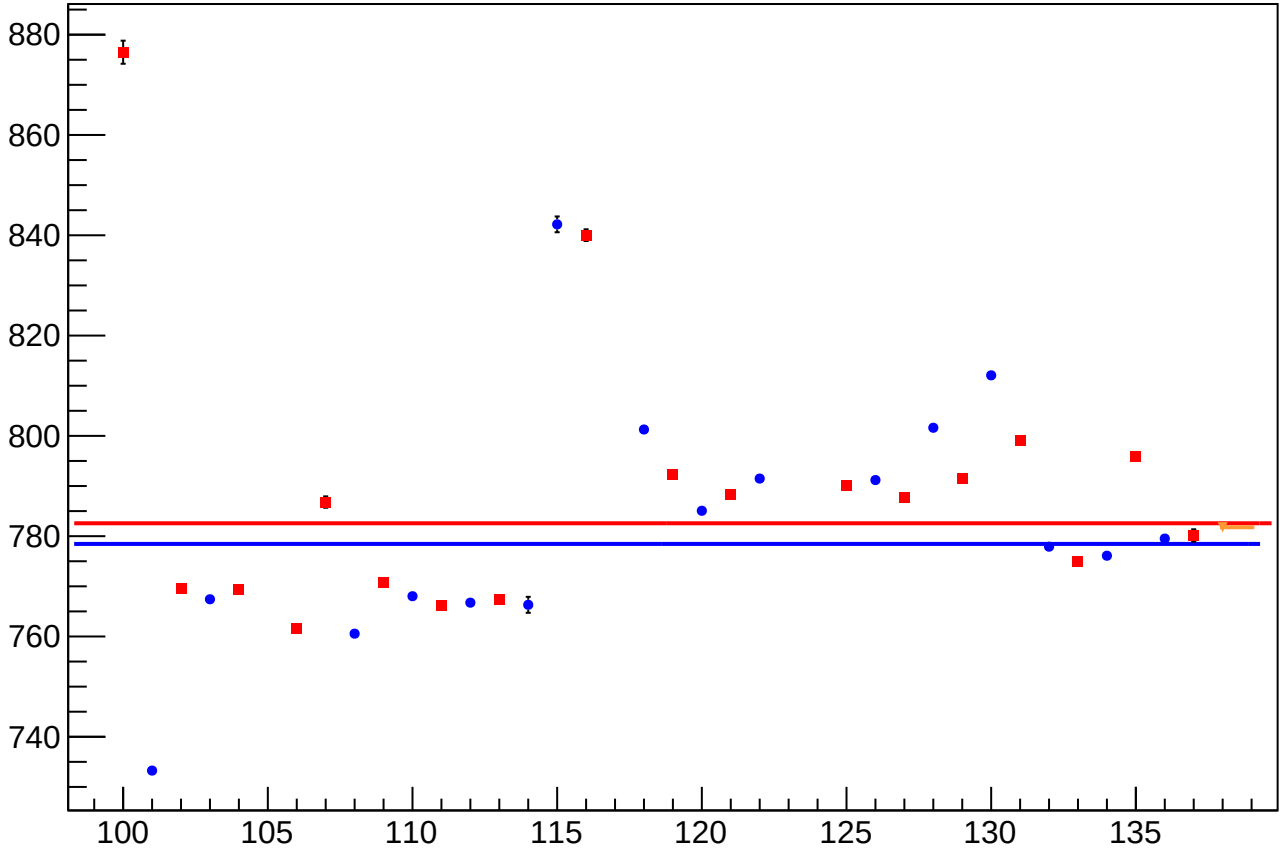
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -347.916+/-274.927 χ^2/NDF: 8.5/16

All: -195.964+/-198.986 χ^2/NDF: 21.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 778.456+/-0.205 χ^2/NDF: 11795.2/15

Left Out: 781.780+/-0.626 χ^2/NDF:0.0/0

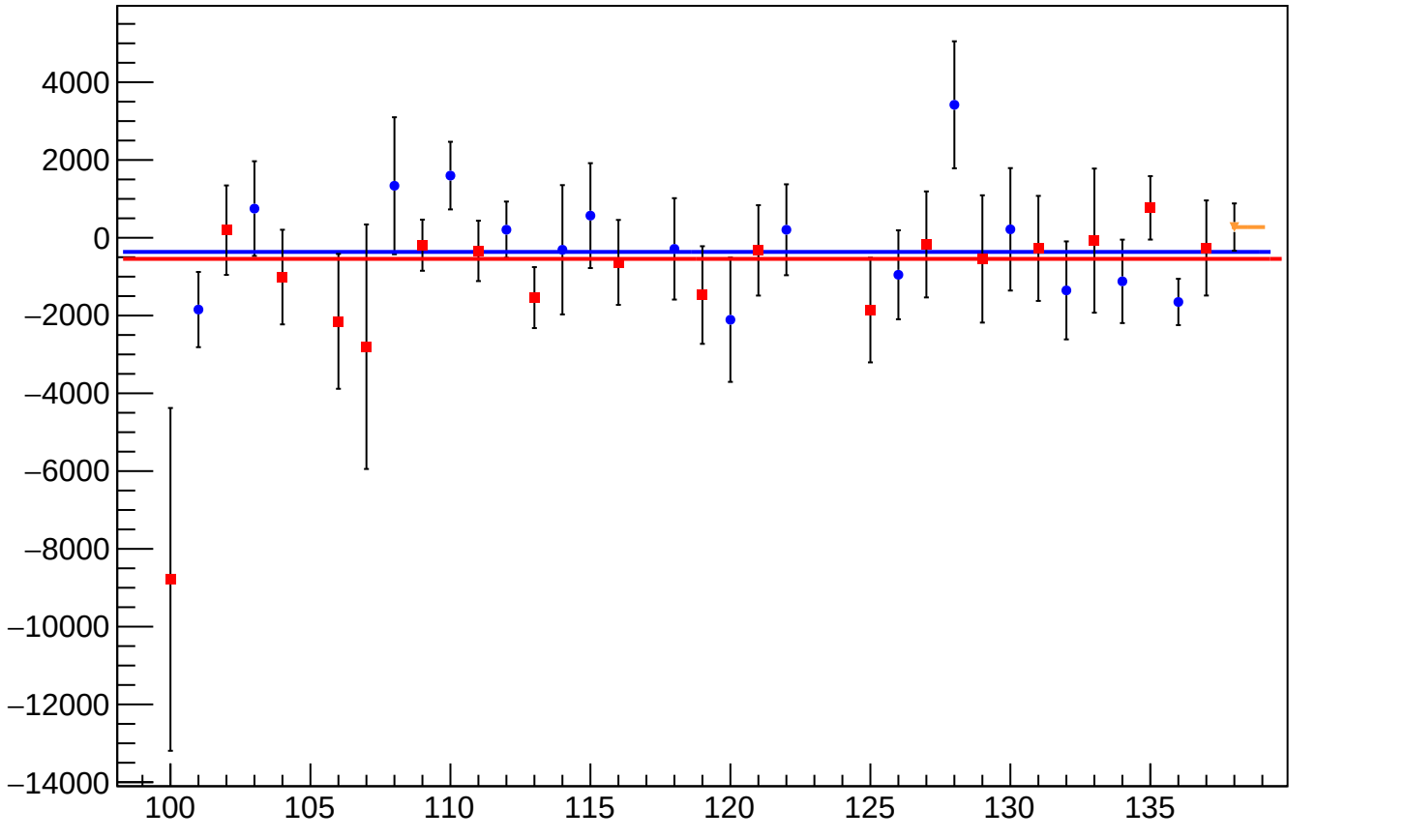
Right Out: 782.575+/-0.204 χ^2/NDF: 7481.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 778.777+/-0.194 χ^2/NDF: 11820.7/16

All: 780.585+/-0.141 χ^2/NDF: 19483.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -363.973+/-269.314 χ^2/NDF: 23.3/15

Left Out: 274.443+/-608.450 χ^2/NDF:0.0/0

Right Out: -542.878+/-265.272 χ^2/NDF: 11.8/17

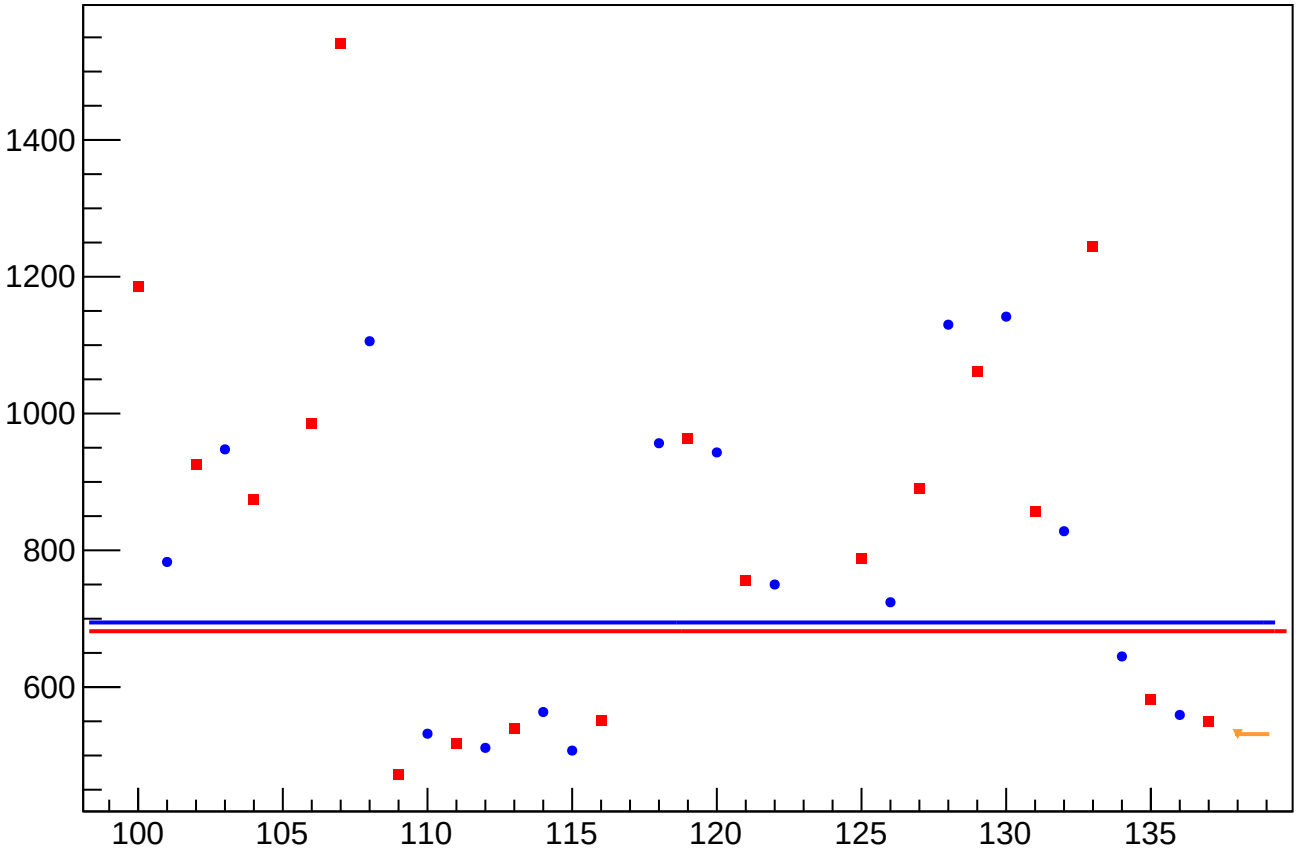
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -259.387+/-246.269 χ^2/NDF: 24.2/16

All: -390.615+/-180.483 χ^2/NDF: 36.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 694.519+/-0.190 χ^2/NDF: 1029897.1/15

Left Out: 531.274+/-0.430 χ^2/NDF:0.0/0

Right Out: 681.740+/-0.188 χ^2/NDF: 1311342.6/17

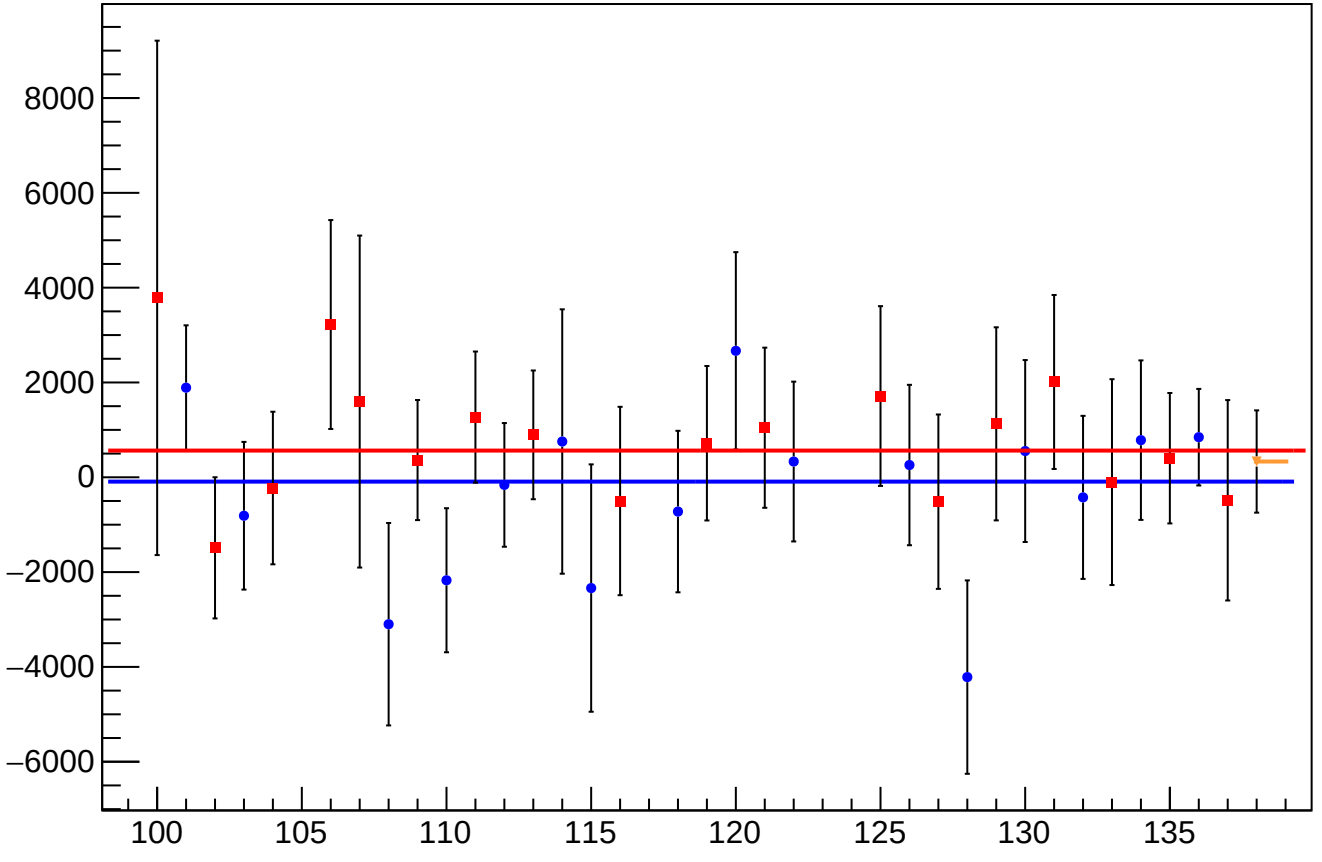
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 667.776+/-0.174 χ^2/NDF: 1150277.8/16

All: 674.240+/-0.128 χ^2/NDF: 2464597.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_mean vs Slug



Right In: -91.305+/-409.957 χ^2/NDF: 14.5/15

Left Out: 332.594+/-1078.948 χ^2/NDF:0.0/0

Right Out: 563.292+/-411.565 χ^2/NDF: 6.5/17

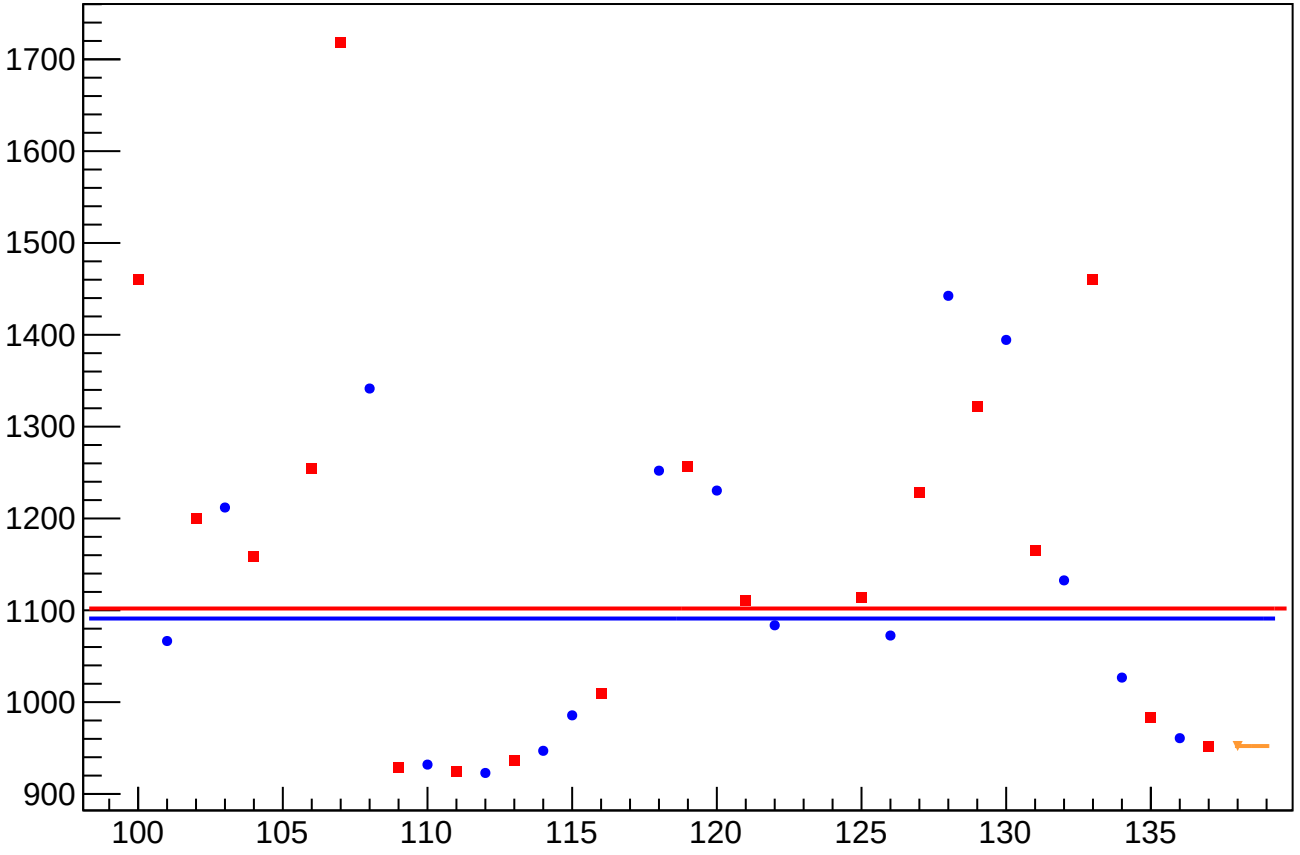
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -37.827+/-383.226 χ^2/NDF: 14.7/16

All: 241.326+/-280.465 χ^2/NDF: 22.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_rms vs Slug



Right In: 1091.041+/-0.290 χ^2/NDF: 277304.9/15

Left Out: 952.176+/-0.763 χ^2/NDF:0.0/0

Right Out: 1101.953+/-0.291 χ^2/NDF: 328107.6/17

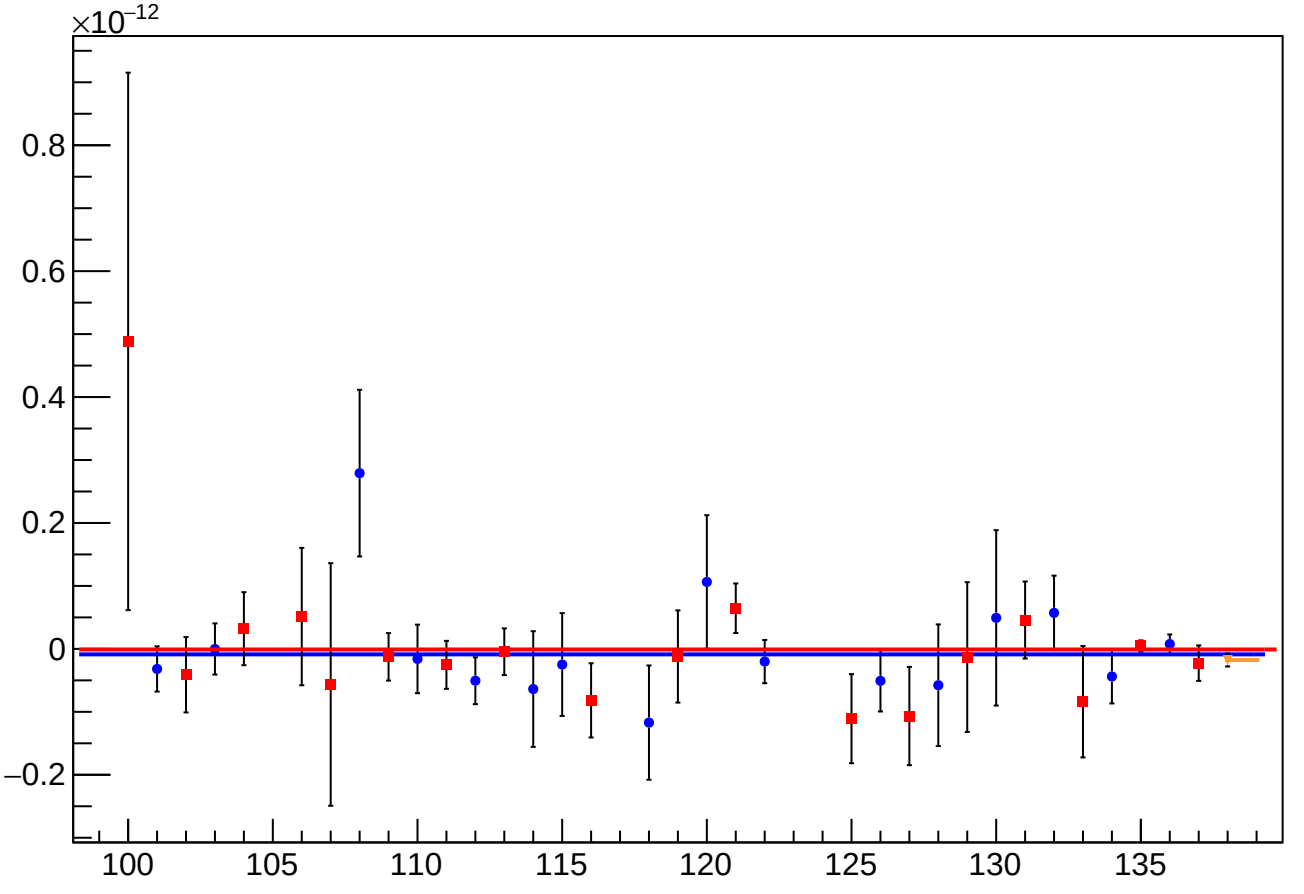
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1073.522+/-0.271 χ^2/NDF: 306255.1/16

All: 1086.725+/-0.198 χ^2/NDF: 639474.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 13.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

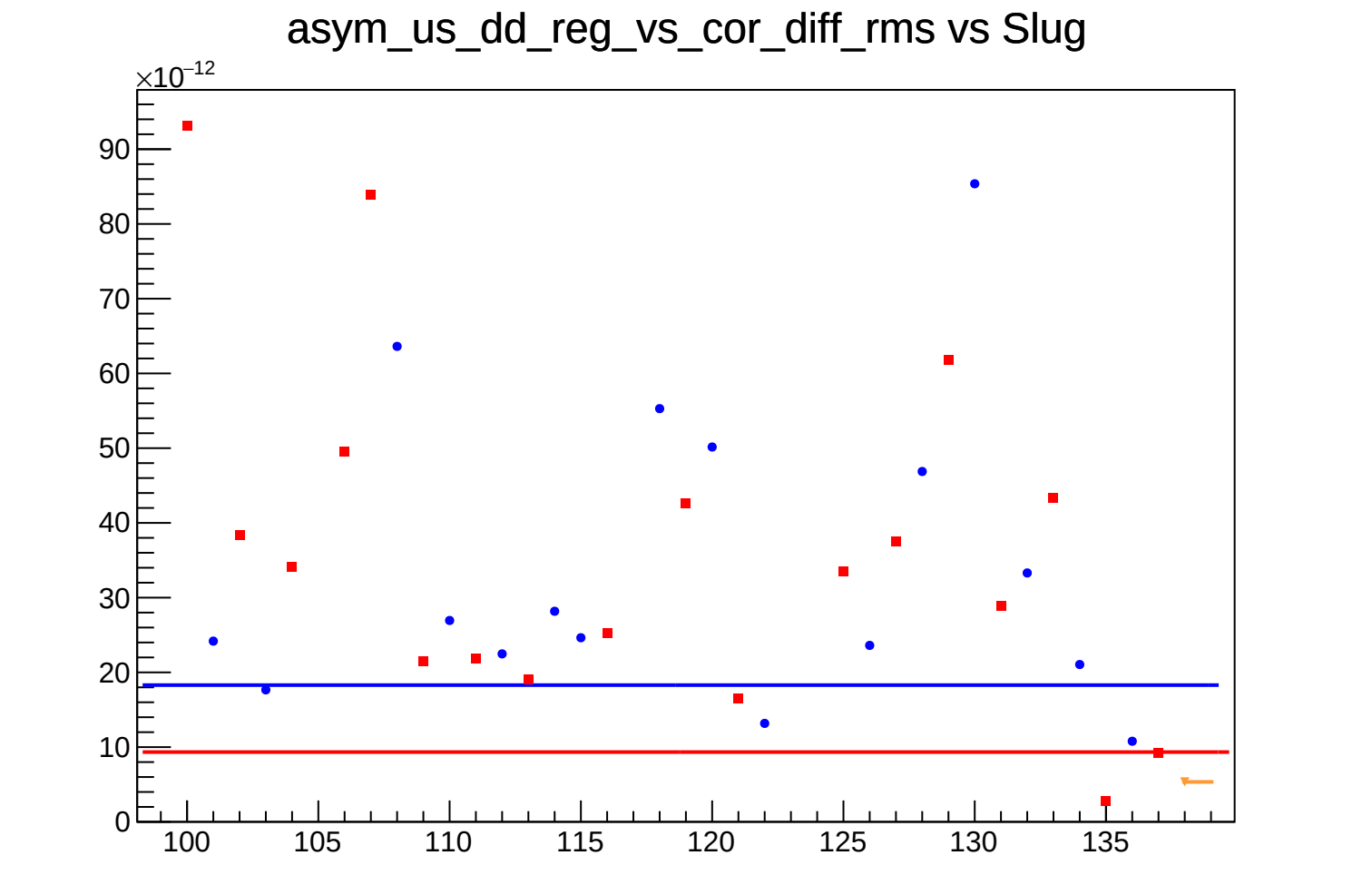
Right Out: -0.000+/-0.000 χ^2/NDF: 14.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 14.2/16

All: -0.000+/-0.000 χ^2/NDF: 30.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2242543.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

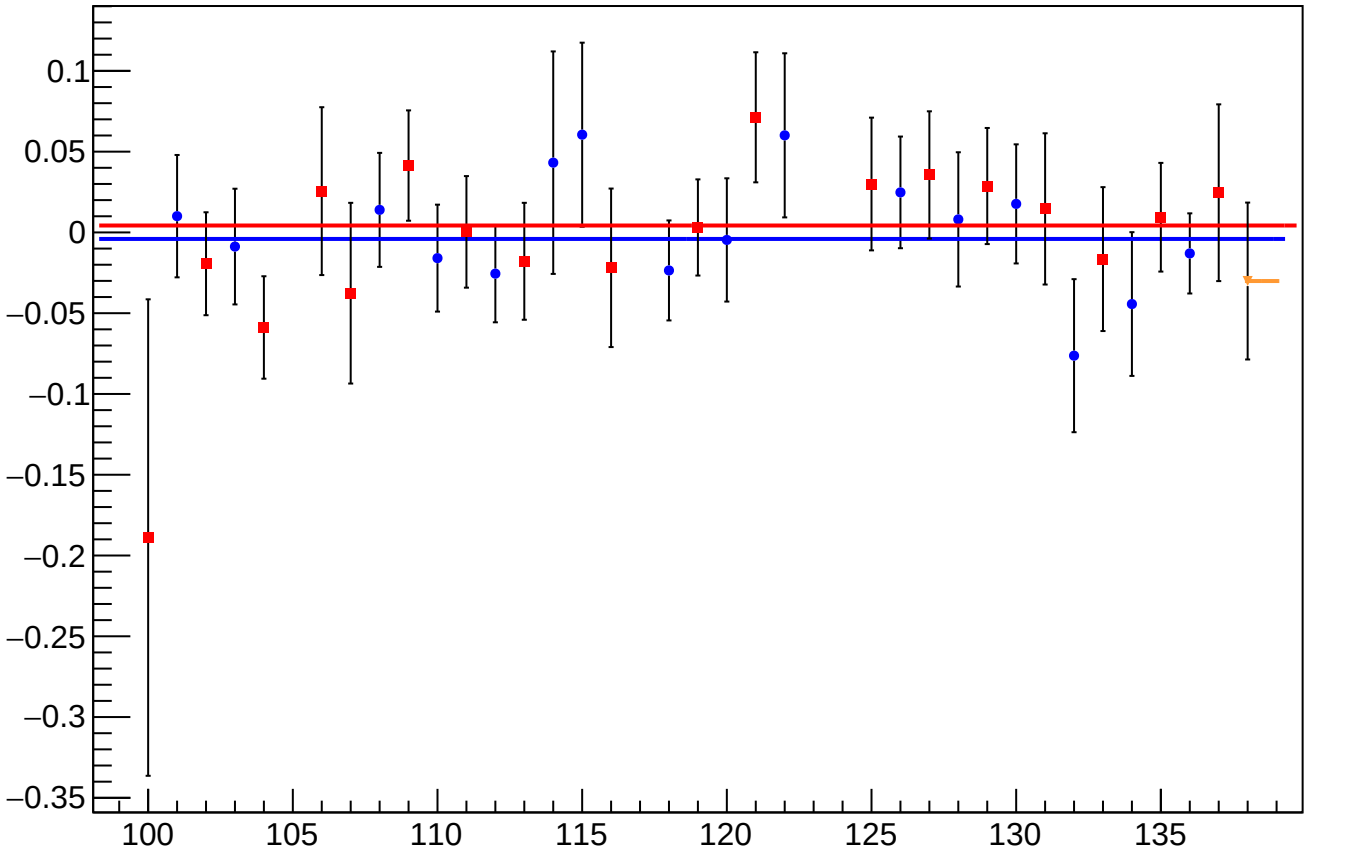
Right Out: 0.000+/-0.000 χ^2/NDF: 5140446.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3835740.9/16

All: 0.000+/-0.000 χ^2/NDF: 9095759.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.004+/-0.009 χ^2/NDF: 9.2/15

Left Out: -0.030+/-0.049 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF: 13.5/17

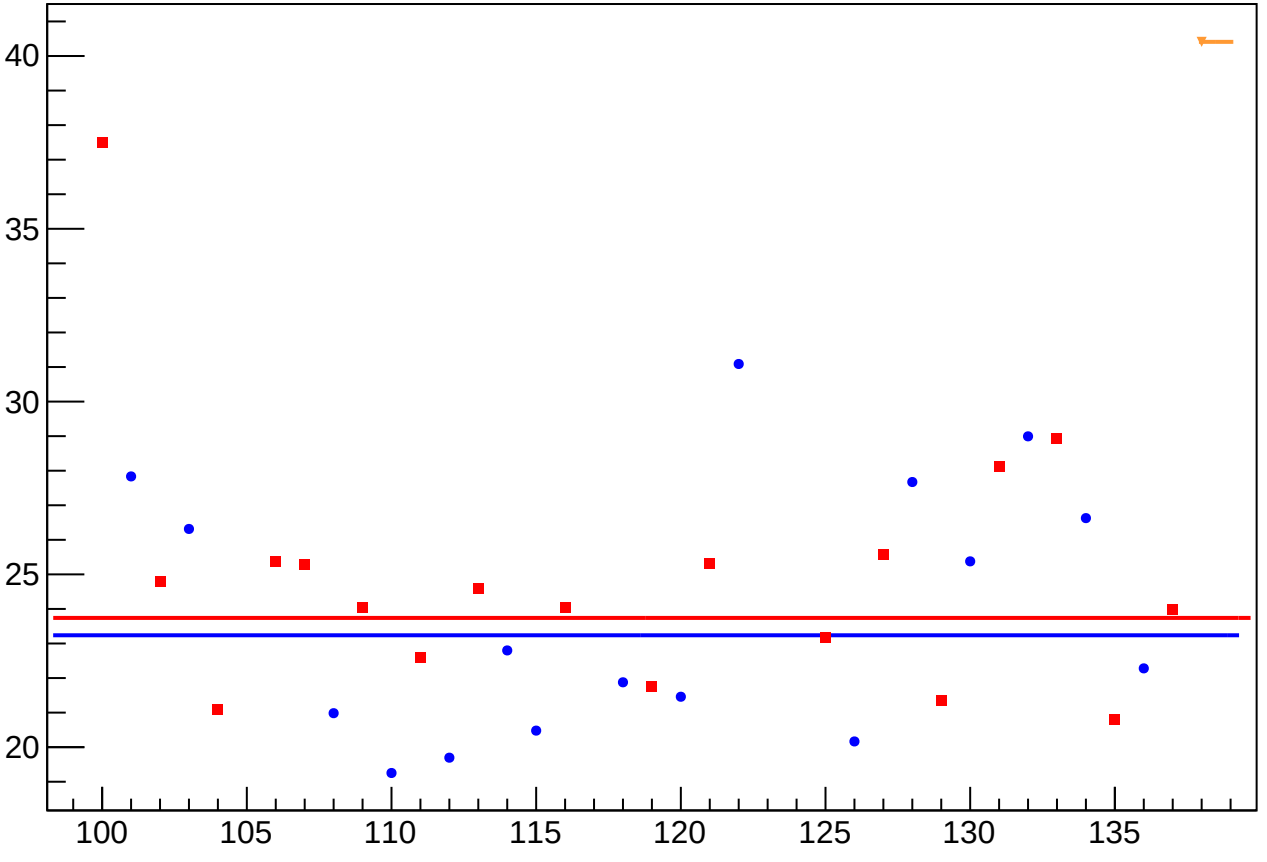
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.005+/-0.009 χ^2/NDF: 9.5/16

All: -0.000+/-0.007 χ^2/NDF: 23.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.238+/-0.007 χ^2/NDF: 259235.5/15

Left Out: 40.409+/-0.034 χ^2/NDF:0.0/0

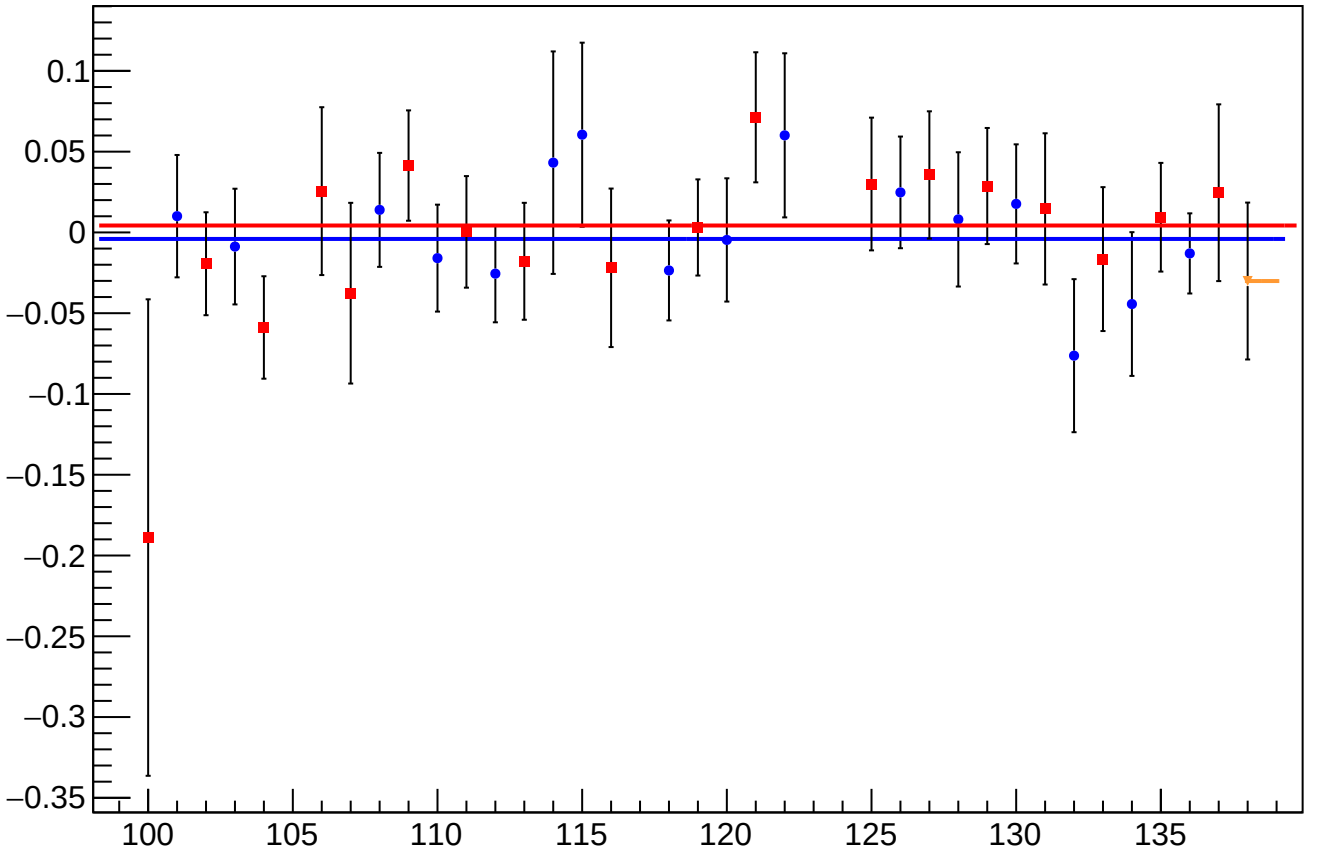
Right Out: 23.740+/-0.007 χ^2/NDF: 126183.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.841+/-0.006 χ^2/NDF: 500537.4/16

All: 23.792+/-0.005 χ^2/NDF: 626839.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.004+/-0.009 χ^2/NDF: 9.2/15

Left Out: -0.030+/-0.049 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF: 13.5/17

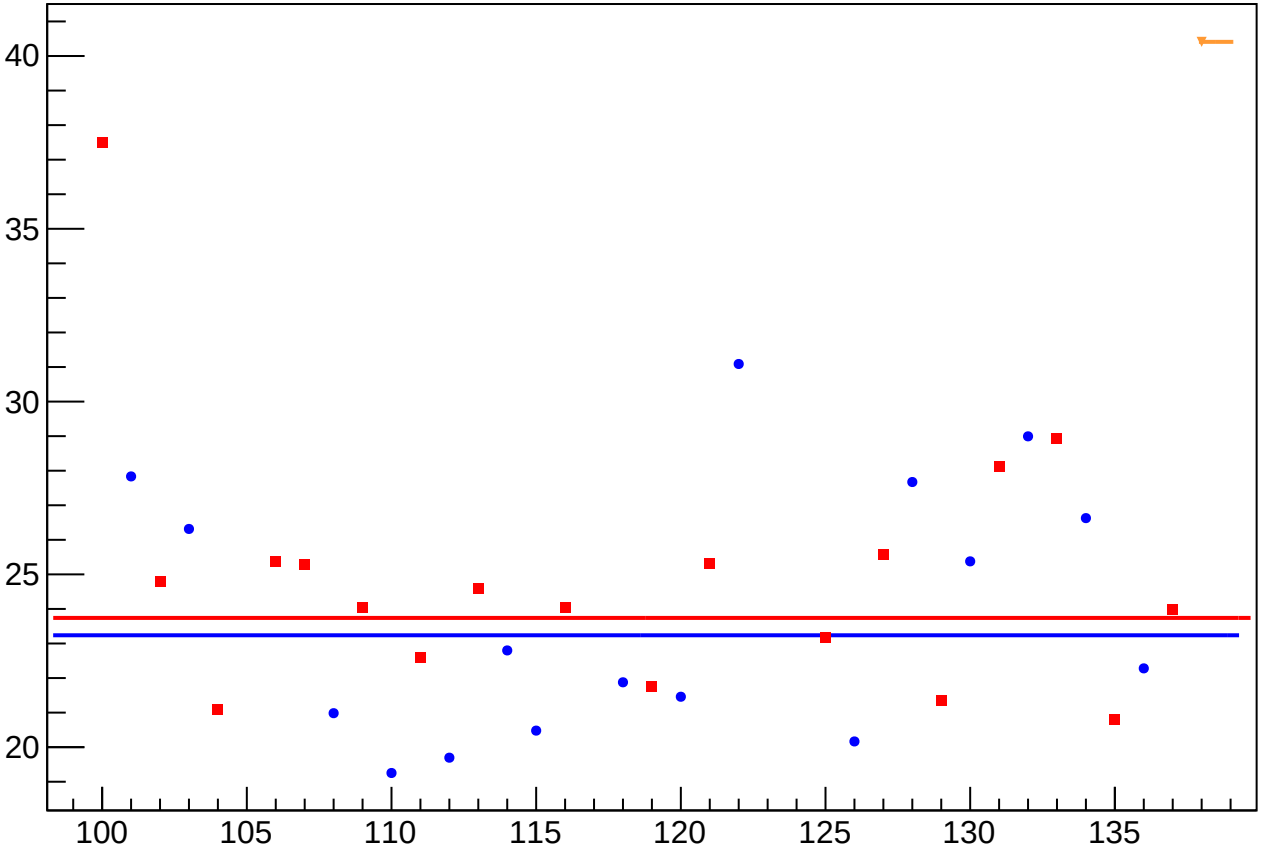
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.005+/-0.009 χ^2/NDF: 9.5/16

All: -0.000+/-0.007 χ^2/NDF: 23.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.238+/-0.007 χ^2/NDF: 259235.5/15

Left Out: 40.409+/-0.034 χ^2/NDF:0.0/0

Right Out: 23.740+/-0.007 χ^2/NDF: 126183.6/17

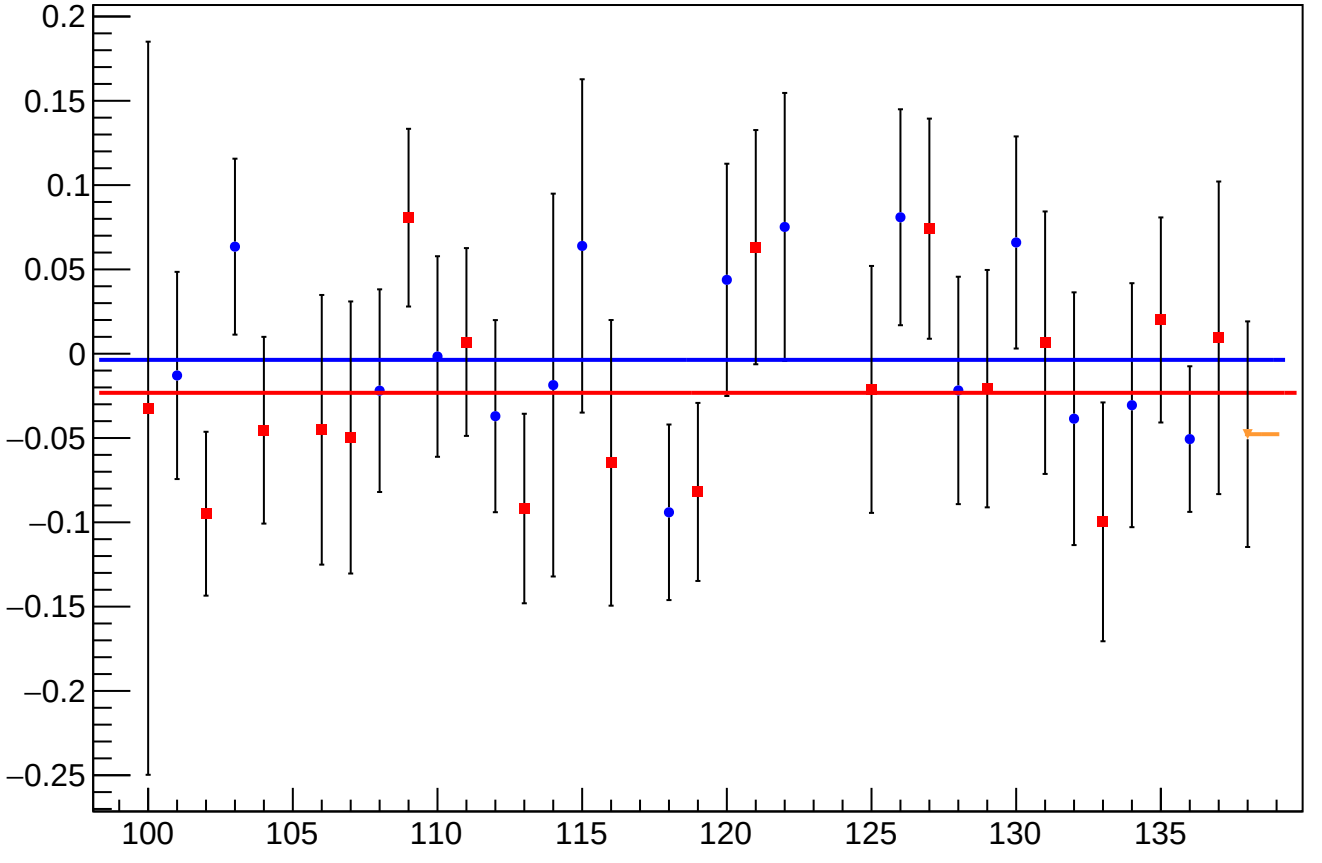
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.841+/-0.006 χ^2/NDF: 500537.4/16

All: 23.792+/-0.005 χ^2/NDF: 626839.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.004+/-0.016 χ^2/NDF: 11.7/15

Left Out: -0.048+/-0.067 χ^2/NDF:0.0/0

Right Out: -0.023+/-0.016 χ^2/NDF: 15.4/17

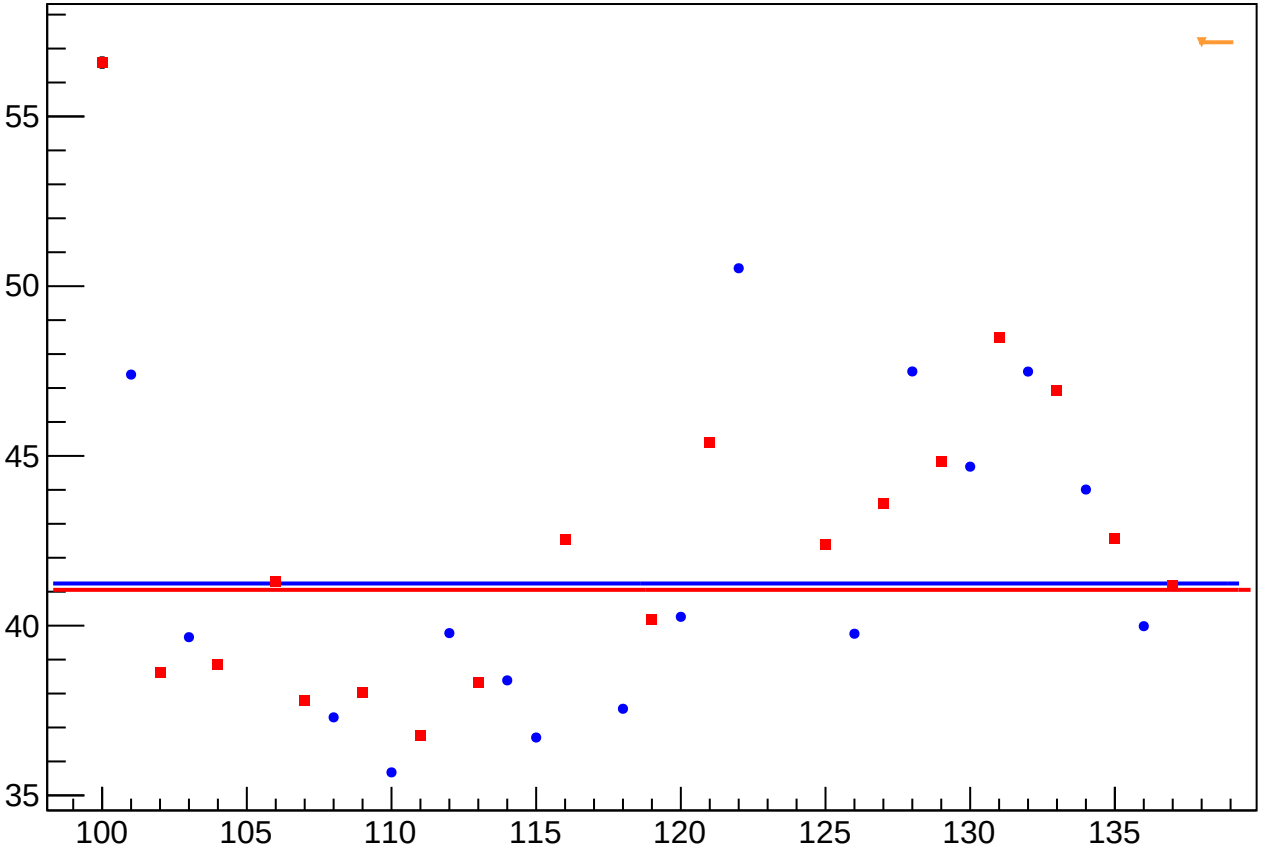
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.006+/-0.015 χ^2/NDF: 12.1/16

All: -0.014+/-0.011 χ^2/NDF: 28.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 41.242+/-0.011 χ^2/NDF: 135279.1/15

Left Out: 57.185+/-0.047 χ^2/NDF:0.0/0

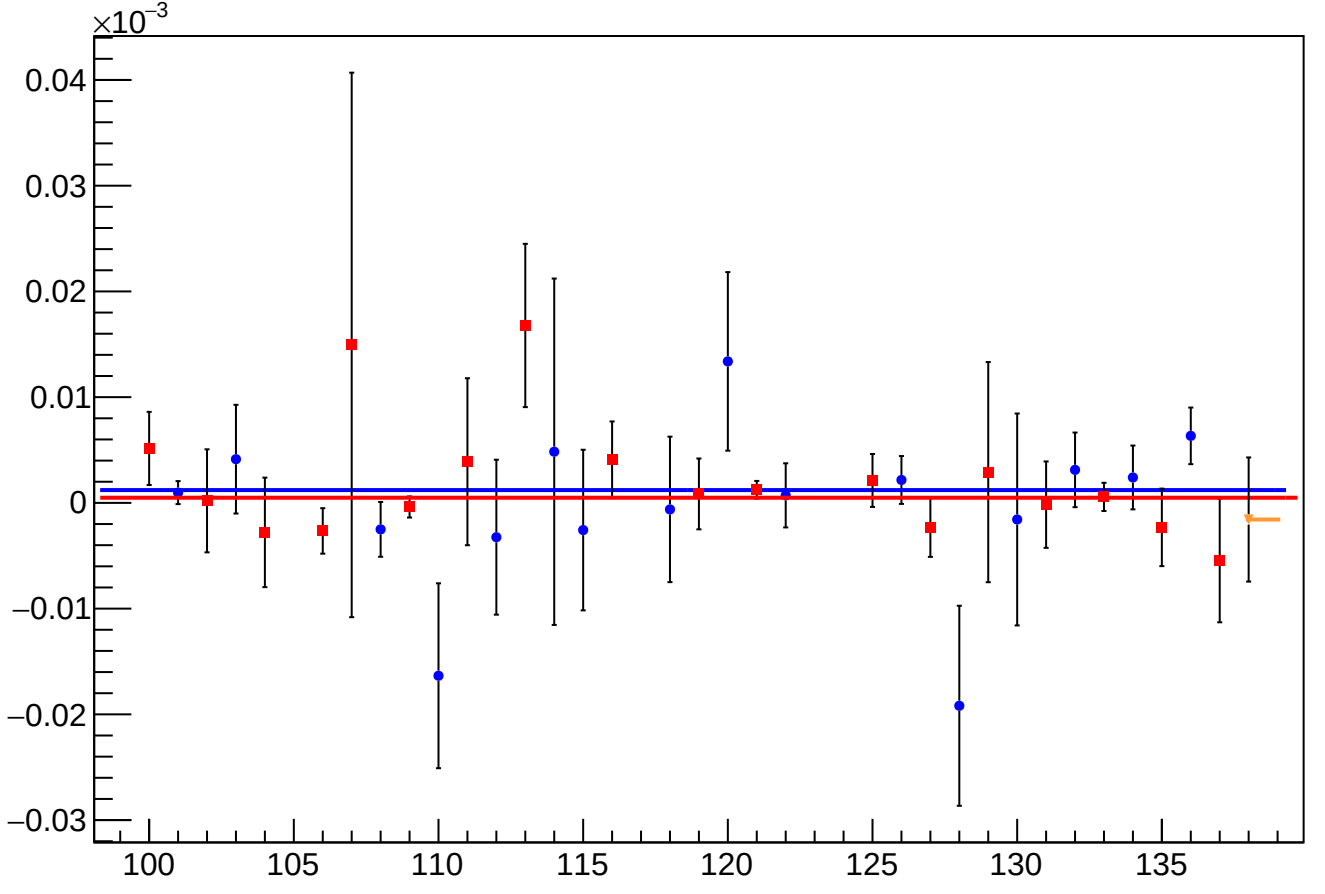
Right Out: 41.055+/-0.011 χ^2/NDF: 96560.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.077+/-0.011 χ^2/NDF: 242893.9/16

All: 41.572+/-0.008 χ^2/NDF: 343854.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 18.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

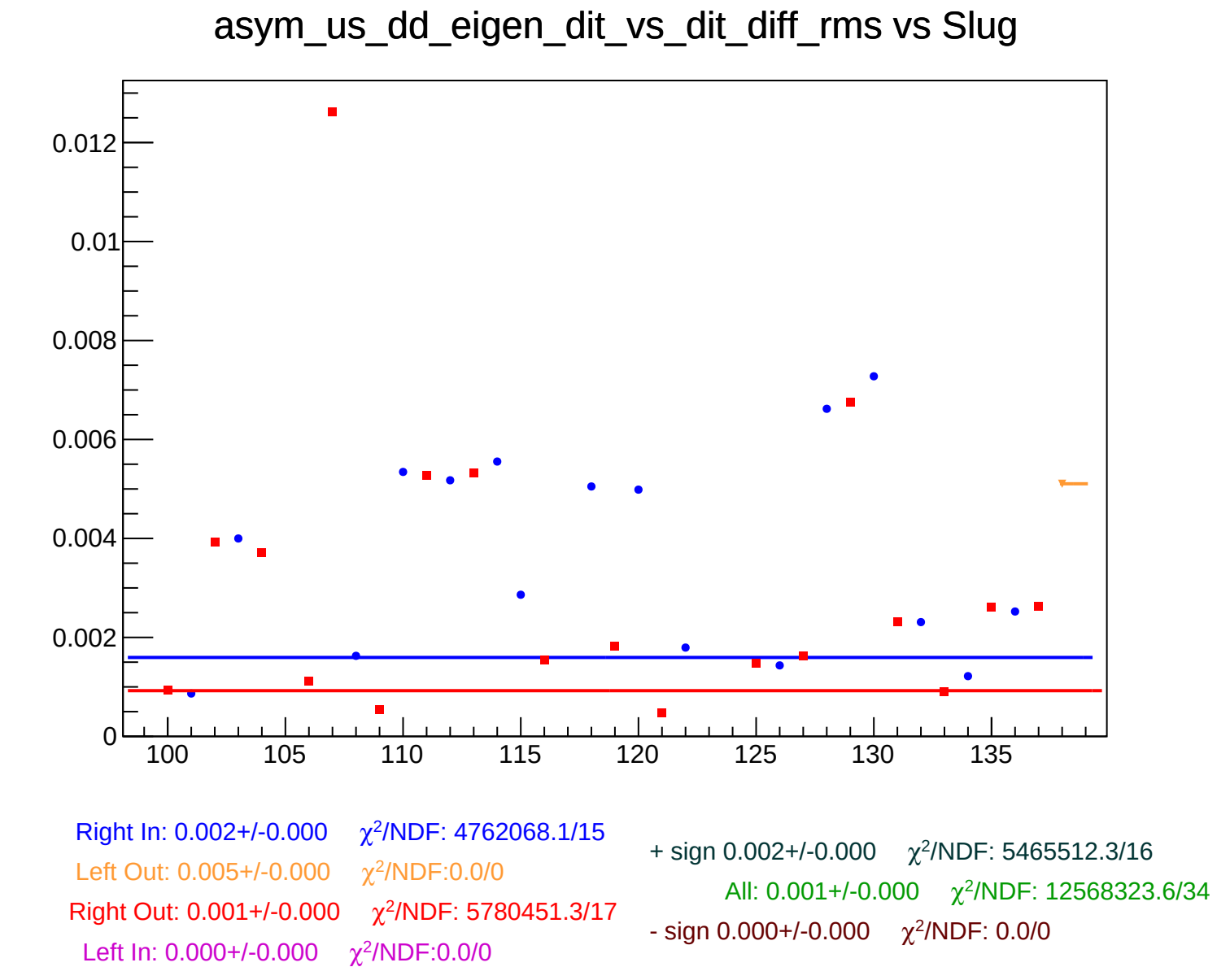
Right Out: 0.000+/-0.000 χ^2/NDF: 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

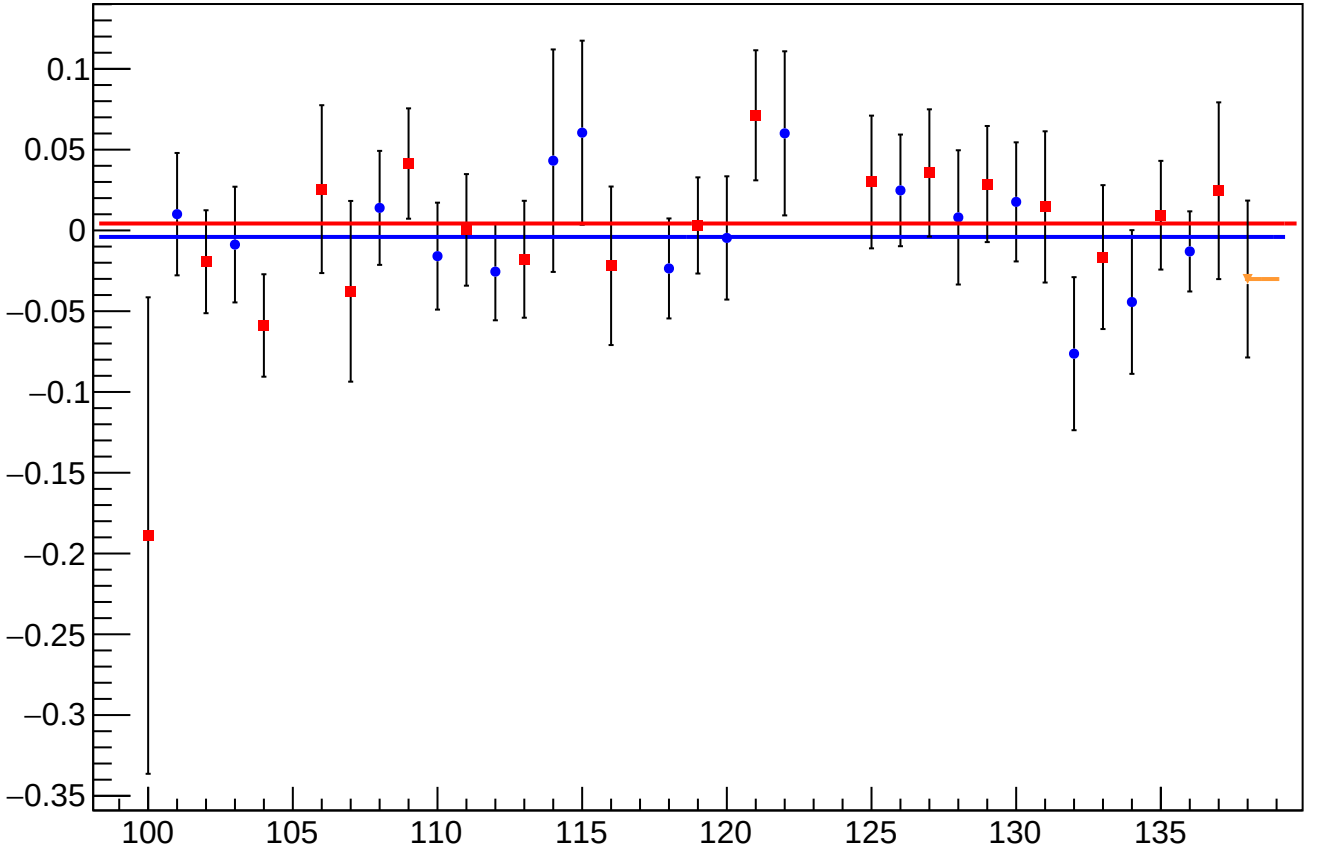
+ sign 0.000+/-0.000 χ^2/NDF: 18.5/16

All: 0.000+/-0.000 χ^2/NDF: 34.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.012
0.01
0.008
0.006
0.004
0.002
0
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 4762068.1/15
Left Out: 0.005+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 5780451.3/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 5465512.3/16
All: 0.001+/-0.000 χ²/NDF: 12568323.6/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004+/-0.009 χ^2/NDF: 9.2/15

Left Out: -0.030+/-0.049 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF: 13.5/17

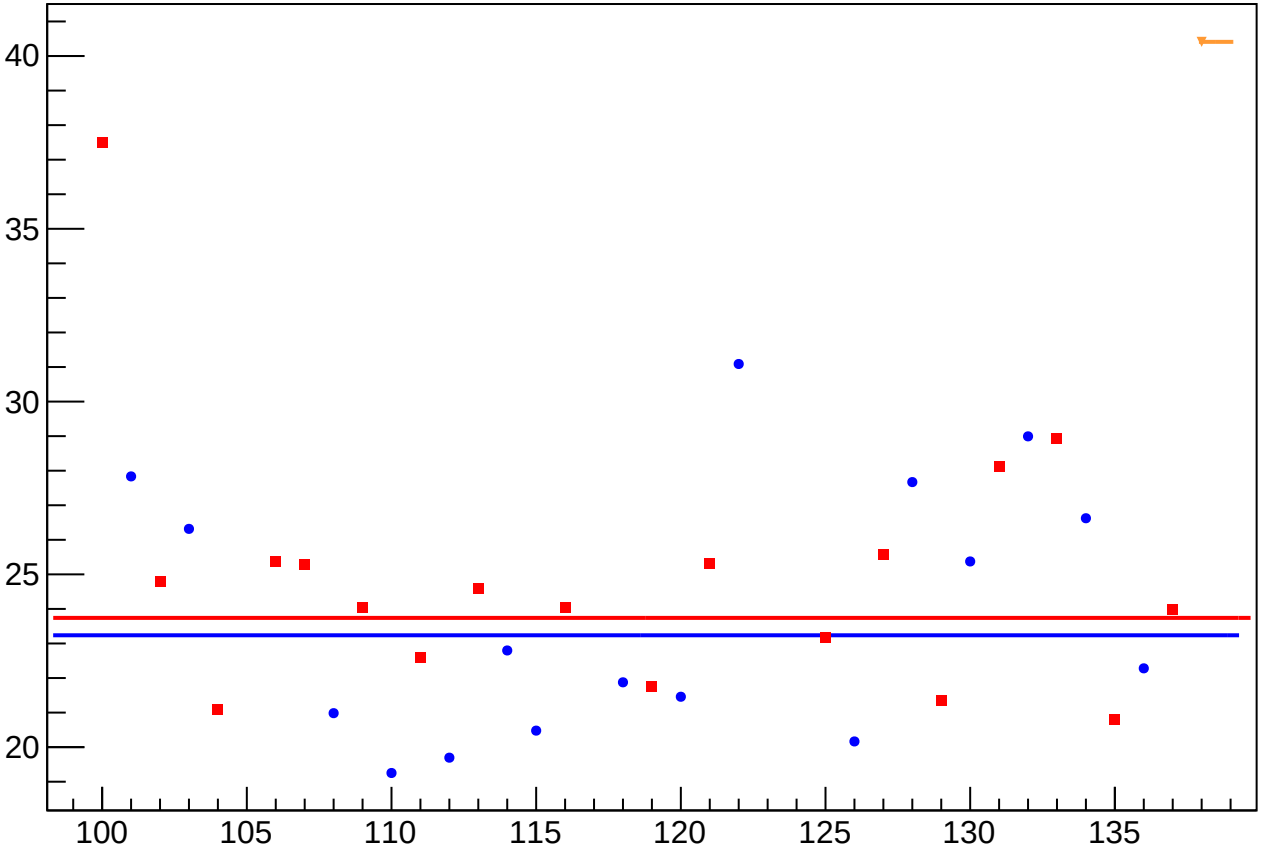
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.005+/-0.009 χ^2/NDF: 9.5/16

All: -0.000+/-0.007 χ^2/NDF: 23.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.237+/-0.007 χ^2/NDF: 259224.2/15

Left Out: 40.410+/-0.034 χ^2/NDF:0.0/0

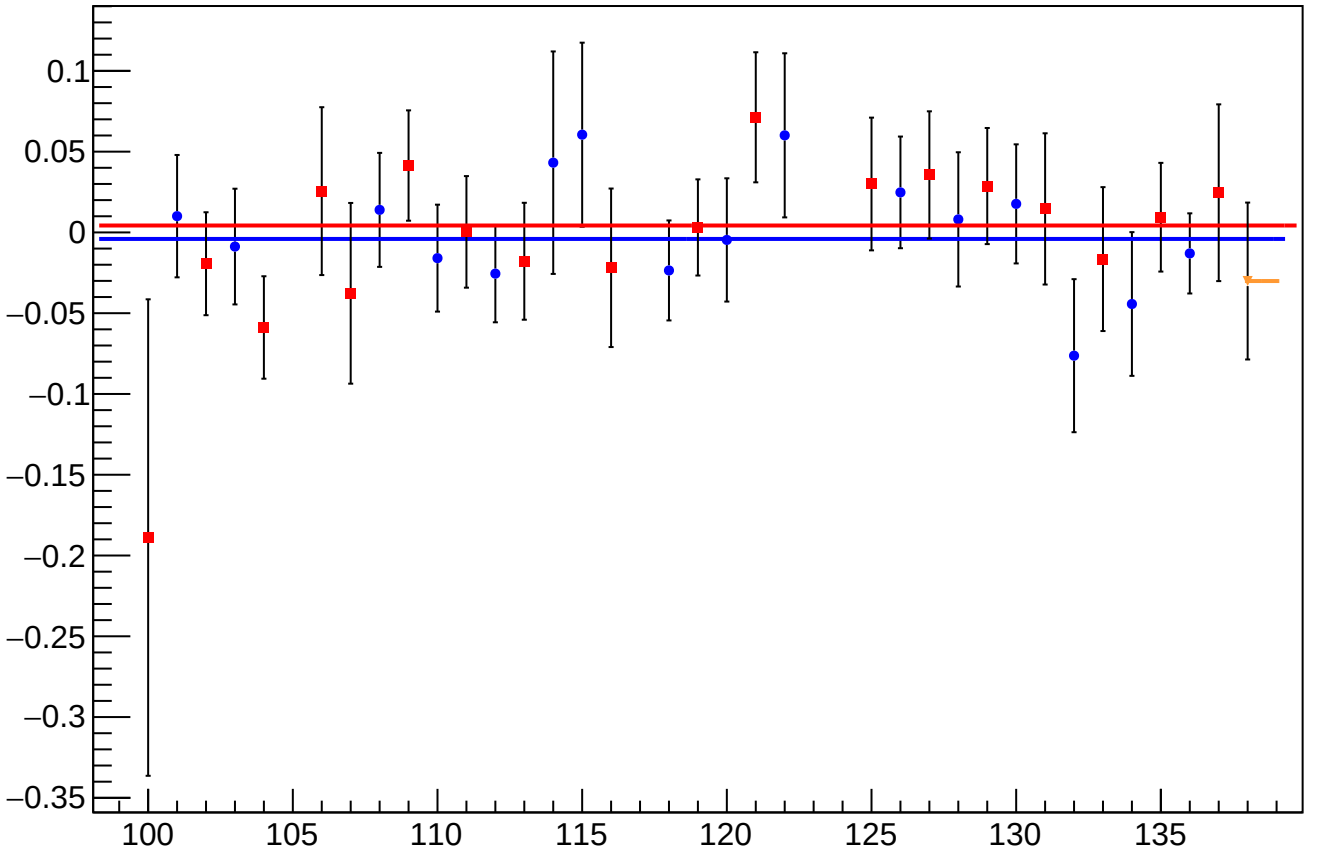
Right Out: 23.741+/-0.007 χ^2/NDF: 126132.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.840+/-0.006 χ^2/NDF: 500553.0/16

All: 23.791+/-0.005 χ^2/NDF: 626802.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.004+/-0.009 χ^2/NDF: 9.2/15

Left Out: -0.030+/-0.049 χ^2/NDF:0.0/0

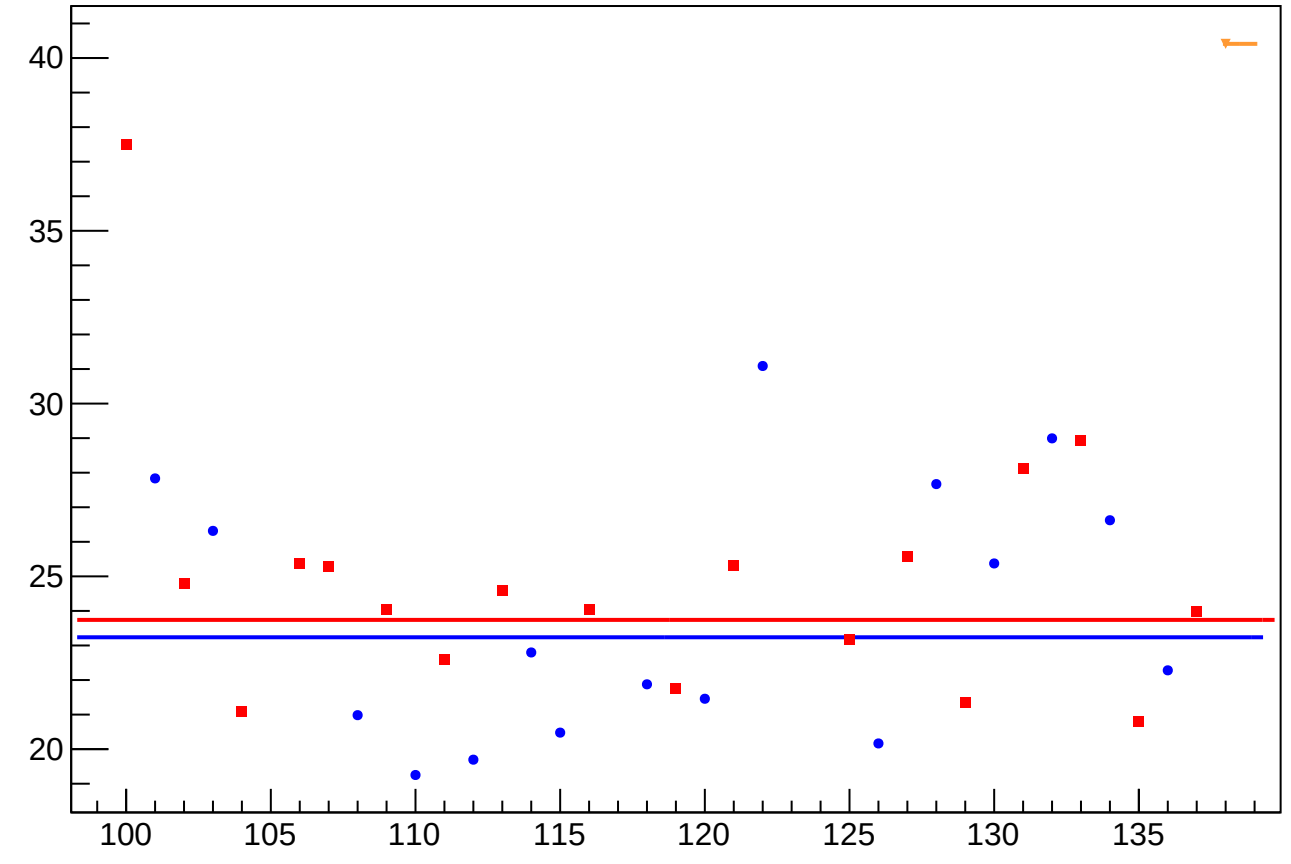
Right Out: 0.004+/-0.009 χ^2/NDF: 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.005+/-0.009 χ^2/NDF: 9.5/16

All: -0.000+/-0.007 χ^2/NDF: 23.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.237+/-0.007 χ^2/NDF: 259224.2/15

Left Out: 40.410+/-0.034 χ^2/NDF:0.0/0

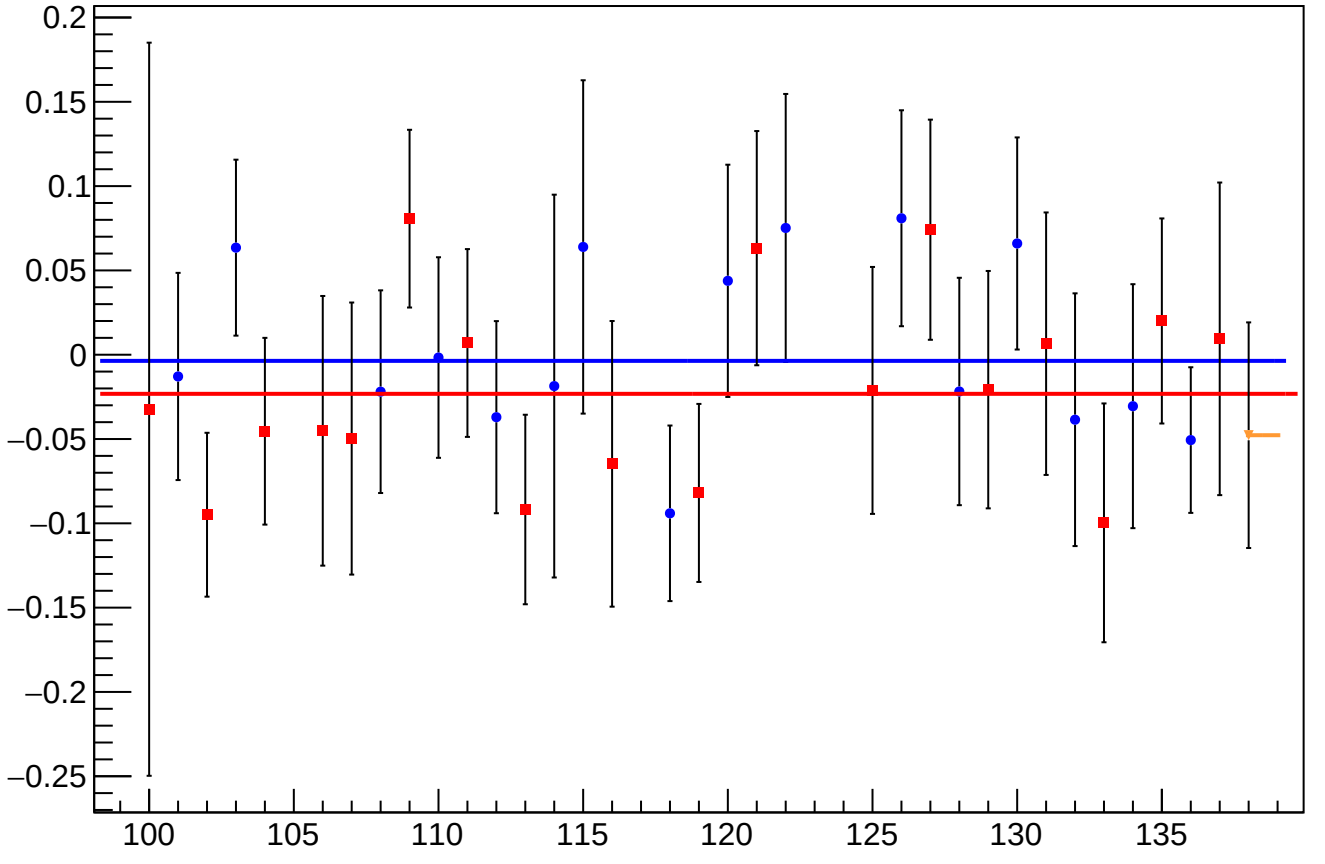
Right Out: 23.741+/-0.007 χ^2/NDF: 126132.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.840+/-0.006 χ^2/NDF: 500553.0/16

All: 23.791+/-0.005 χ^2/NDF: 626802.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.004+/-0.016 χ^2/NDF: 11.7/15

Left Out: -0.048+/-0.067 χ^2/NDF:0.0/0

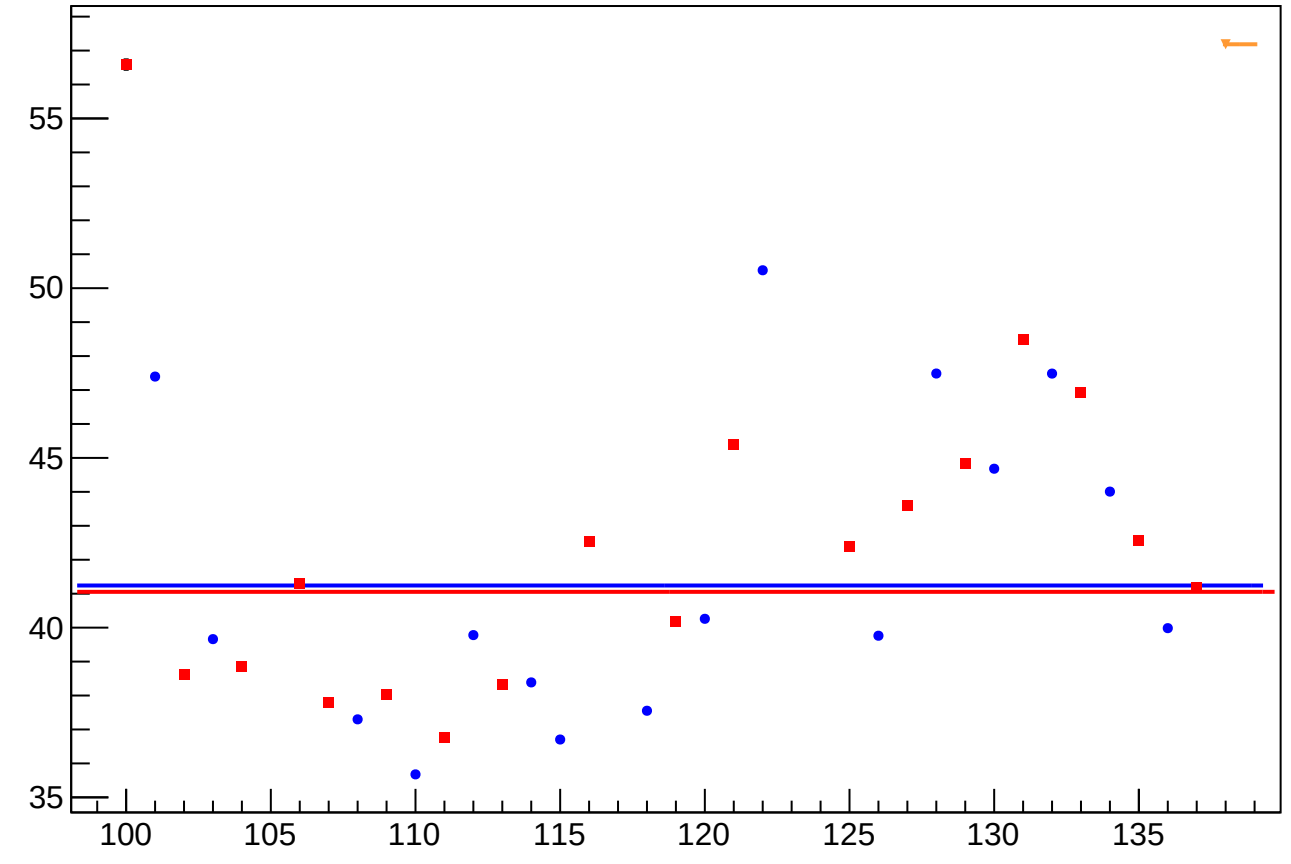
Right Out: -0.023+/-0.016 χ^2/NDF: 15.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.006+/-0.015 χ^2/NDF: 12.1/16

All: -0.014+/-0.011 χ^2/NDF: 28.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 41.241+/-0.011 χ^2/NDF: 135256.9/15

Left Out: 57.185+/-0.047 χ^2/NDF:0.0/0

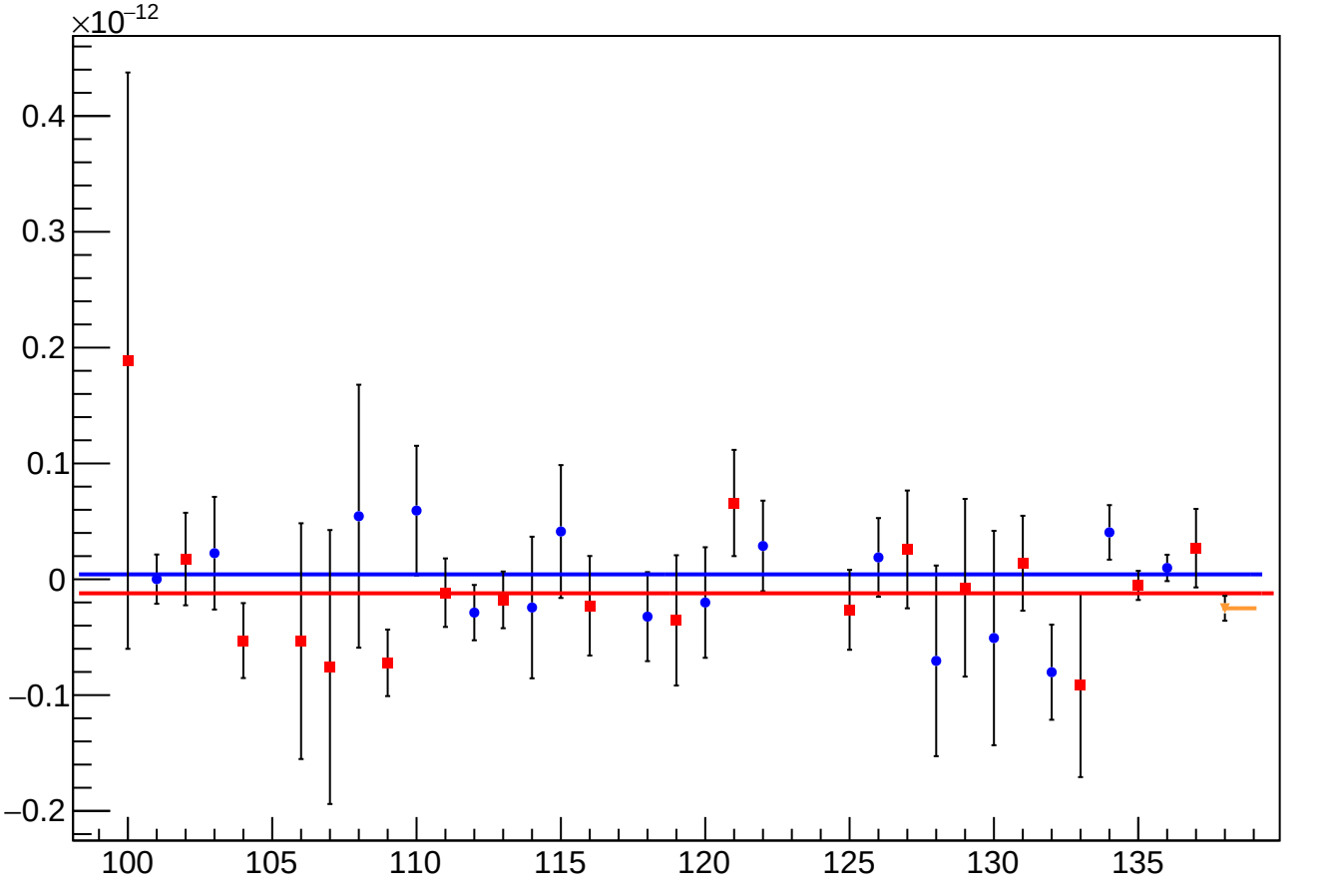
Right Out: 41.055+/-0.011 χ^2/NDF: 96549.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.077+/-0.011 χ^2/NDF: 242878.3/16

All: 41.572+/-0.008 χ^2/NDF: 343826.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 13.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

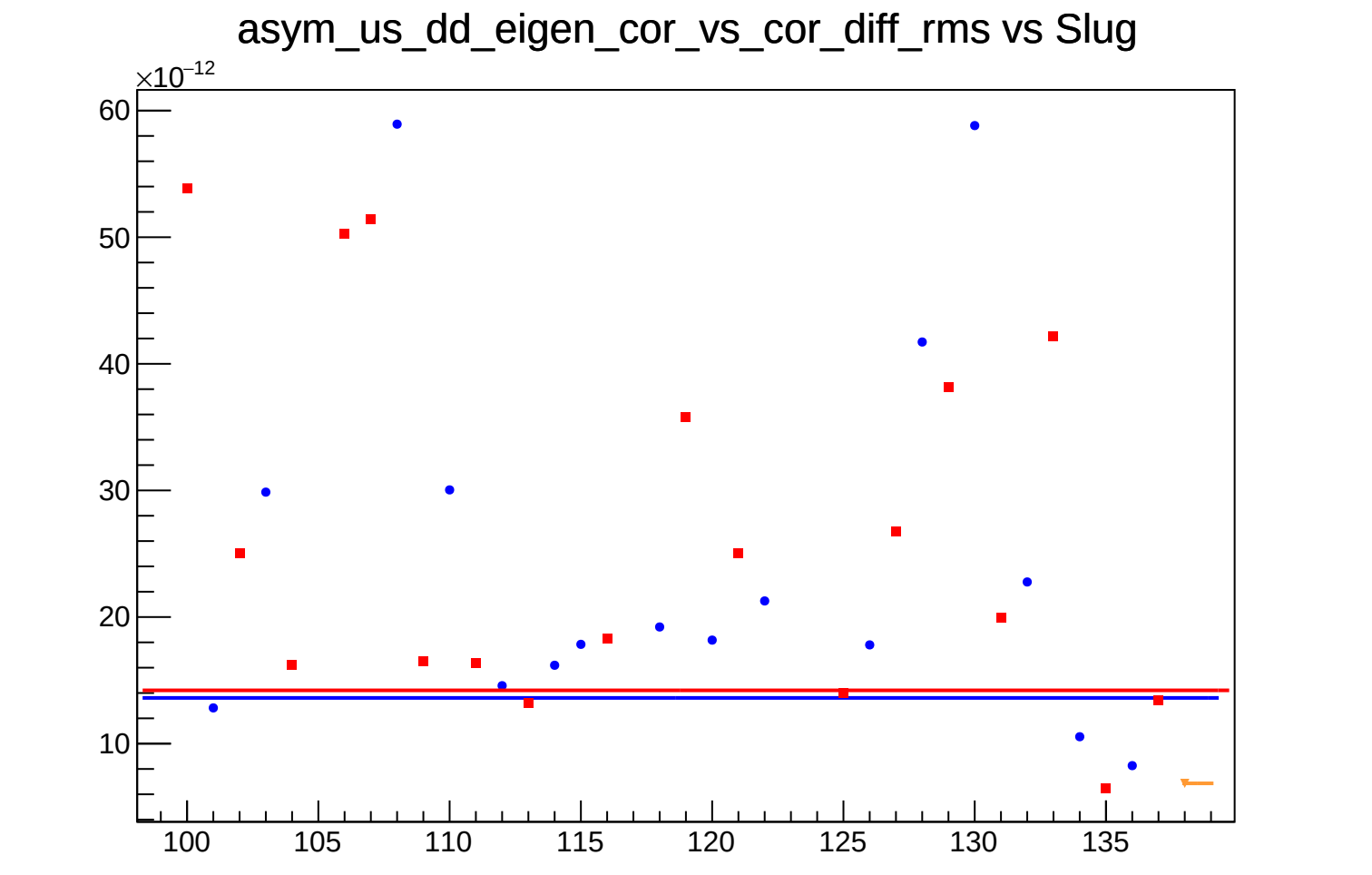
Right Out: -0.000+/-0.000 χ^2/NDF: 14.5/17

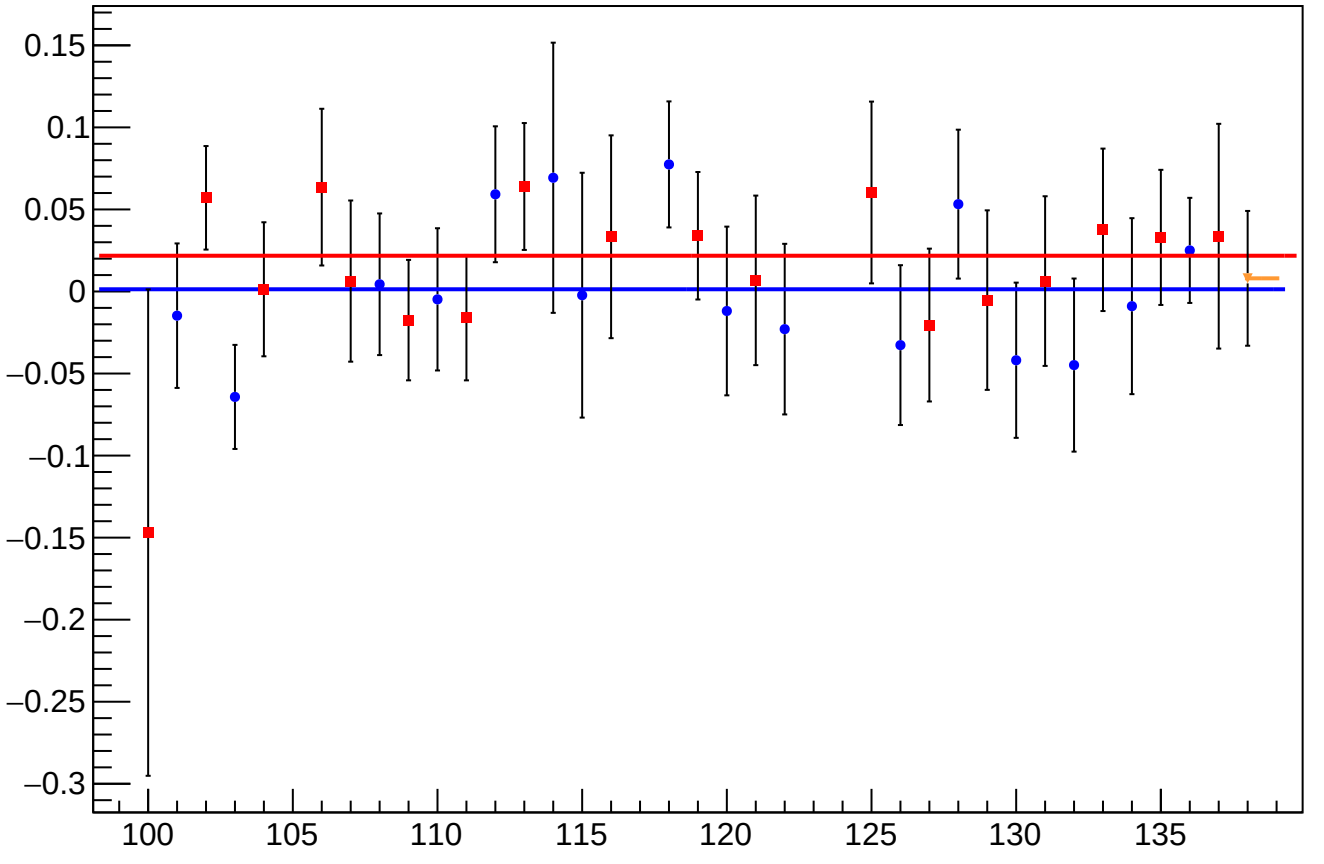
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.000+/-0.000 χ^2/NDF: 18.7/16

All: -0.000+/-0.000 χ^2/NDF: 33.7/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2188622.9/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2471664.5/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2725876.8/16
All: 0.000+/-0.000 χ²/NDF: 5354000.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.001+/-0.011 χ^2/NDF: 15.3/15

Left Out: 0.008+/-0.041 χ^2/NDF:0.0/0

Right Out: 0.022+/-0.011 χ^2/NDF: 9.0/17

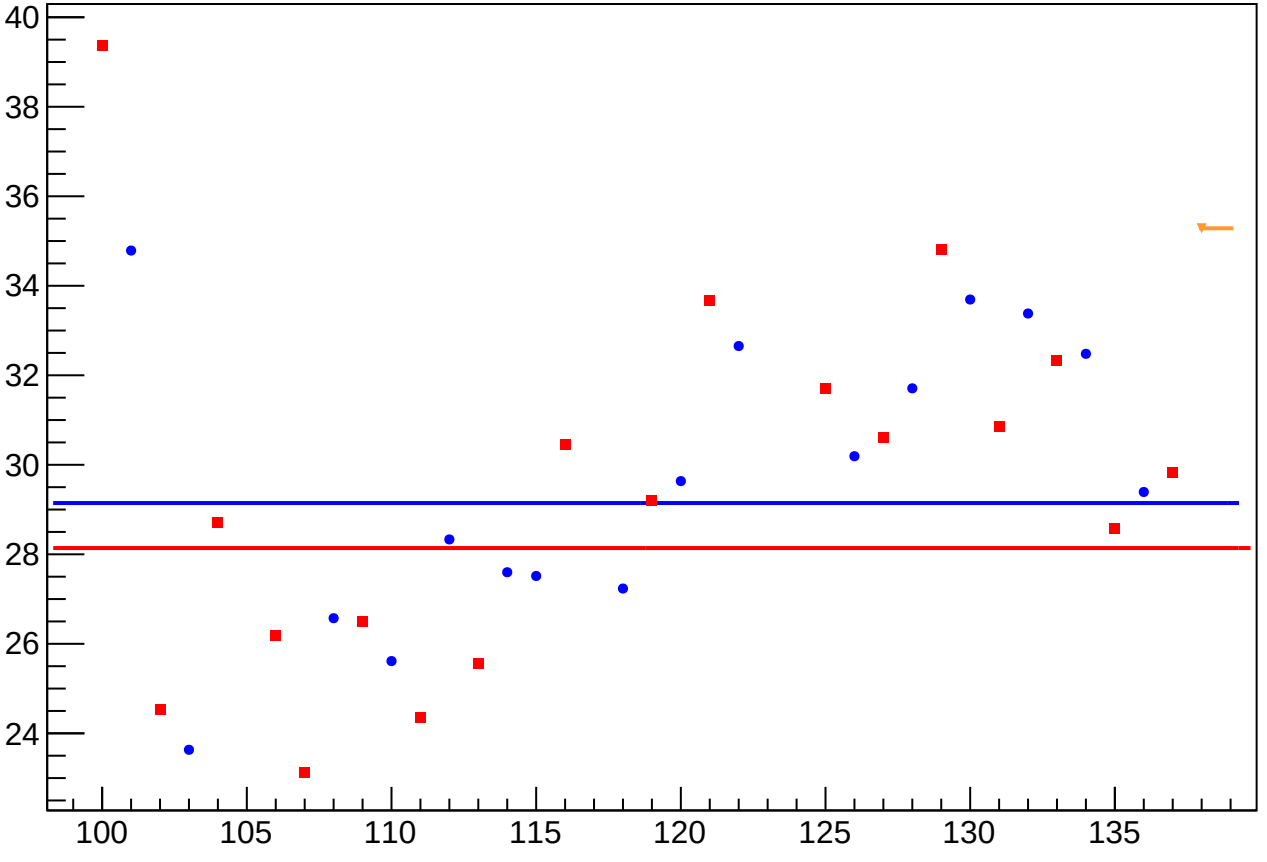
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.011 χ^2/NDF: 15.3/16

All: 0.012+/-0.008 χ^2/NDF: 26.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 29.146+/-0.008 χ^2/NDF: 176889.4/15

Left Out: 35.284+/-0.029 χ^2/NDF:0.0/0

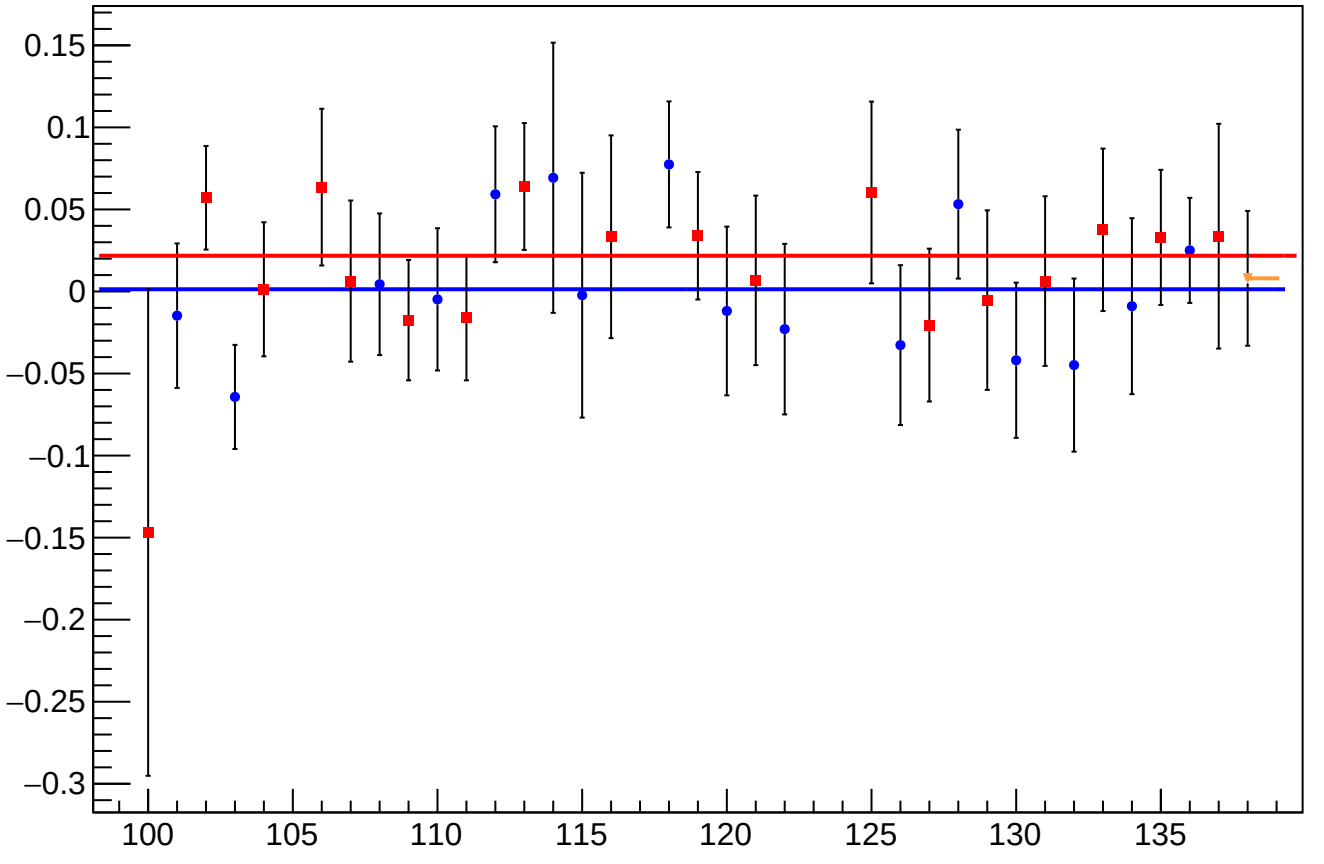
Right Out: 28.140+/-0.008 χ^2/NDF: 187103.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 29.571+/-0.008 χ^2/NDF: 218469.1/16

All: 28.853+/-0.005 χ^2/NDF: 423144.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.011 χ^2/NDF: 15.3/15

Left Out: 0.008+/-0.041 χ^2/NDF:0.0/0

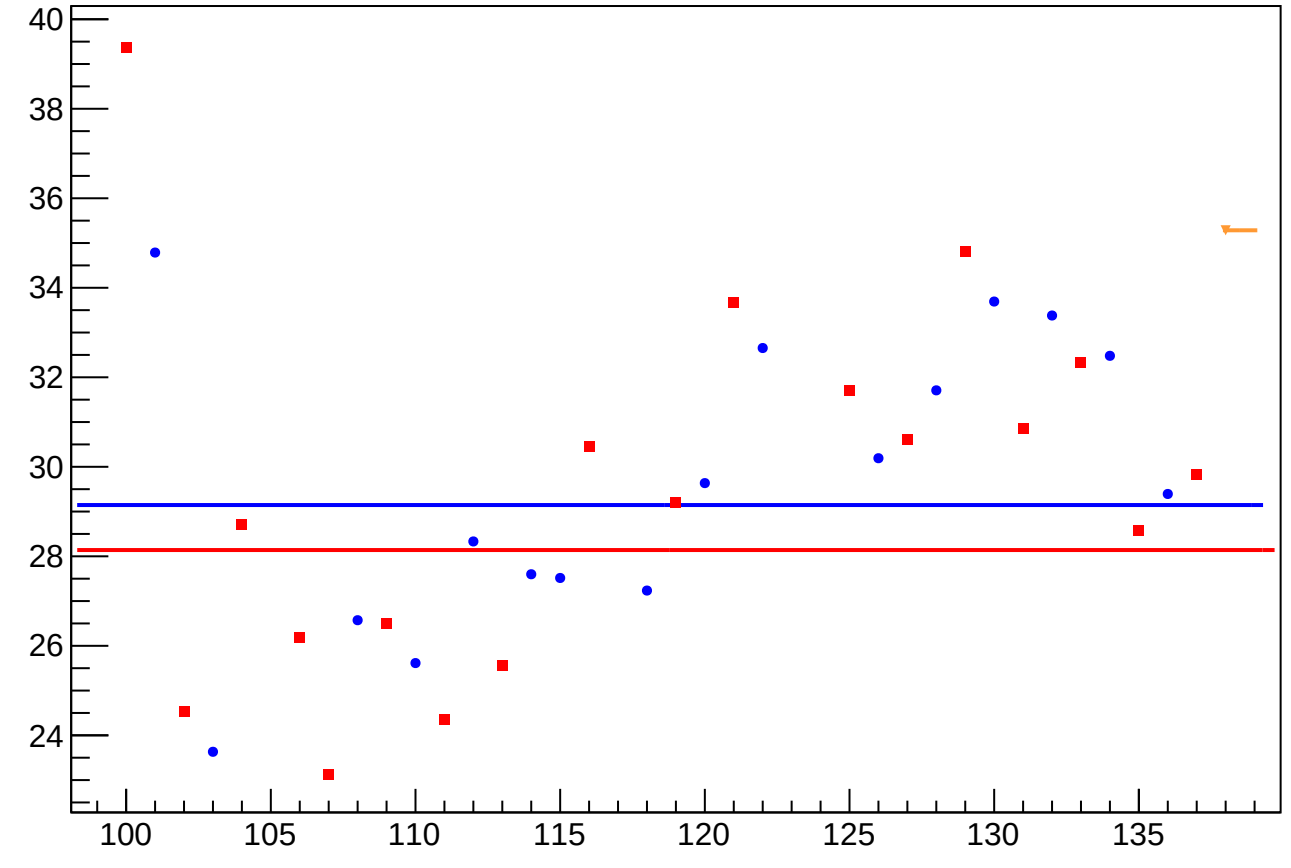
Right Out: 0.022+/-0.011 χ^2/NDF: 9.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.011 χ^2/NDF: 15.3/16

All: 0.012+/-0.008 χ^2/NDF: 26.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.146+/-0.008 χ^2/NDF: 176889.4/15

Left Out: 35.284+/-0.029 χ^2/NDF:0.0/0

Right Out: 28.140+/-0.008 χ^2/NDF: 187103.8/17

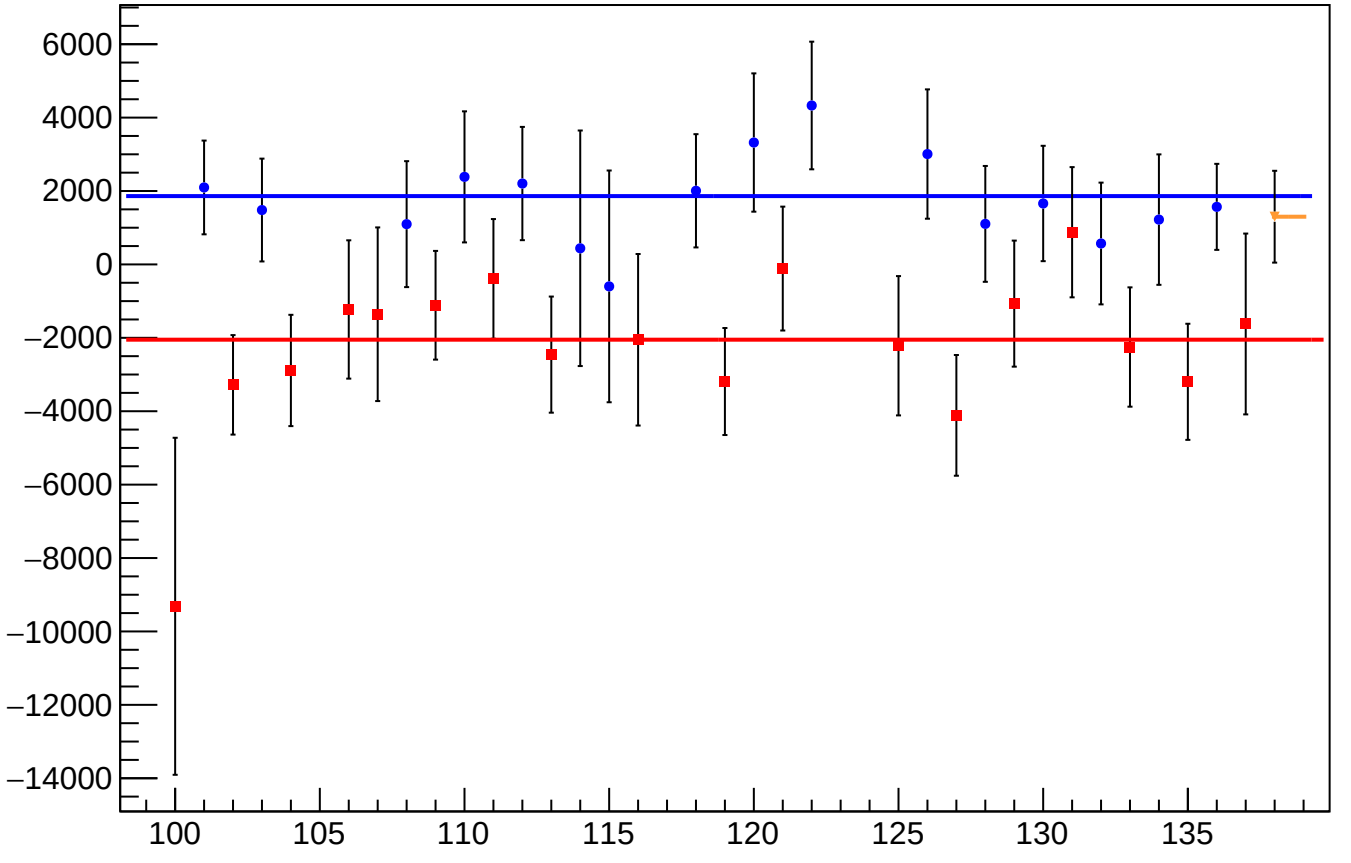
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.571+/-0.008 χ^2/NDF: 218469.1/16

All: 28.853+/-0.005 χ^2/NDF: 423144.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_mean vs Slug



Right In: 1861.525+/-409.524 χ^2/NDF: 5.3/15

Left Out: 1299.810+/-1250.792 χ^2/NDF:0.0/0

Right Out: -2050.842+/-409.249 χ^2/NDF: 12.5/17

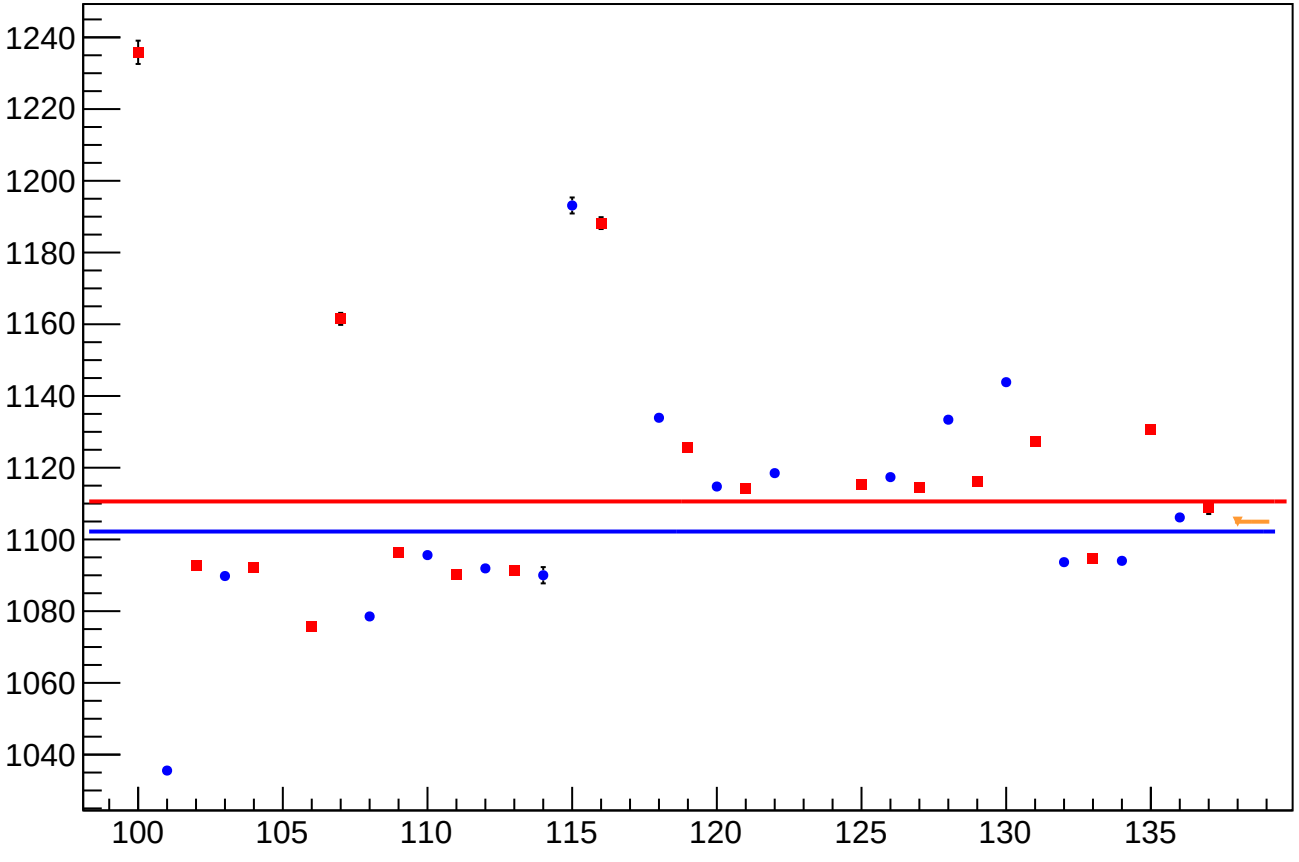
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1807.140+/-389.194 χ^2/NDF: 5.5/16

All: -25.010+/-282.025 χ^2/NDF: 64.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1102.205+/-0.290 χ^2/NDF: 11348.9/15

Left Out: 1104.953+/-0.884 χ^2/NDF:0.0/0

Right Out: 1110.592+/-0.289 χ^2/NDF: 7696.0/17

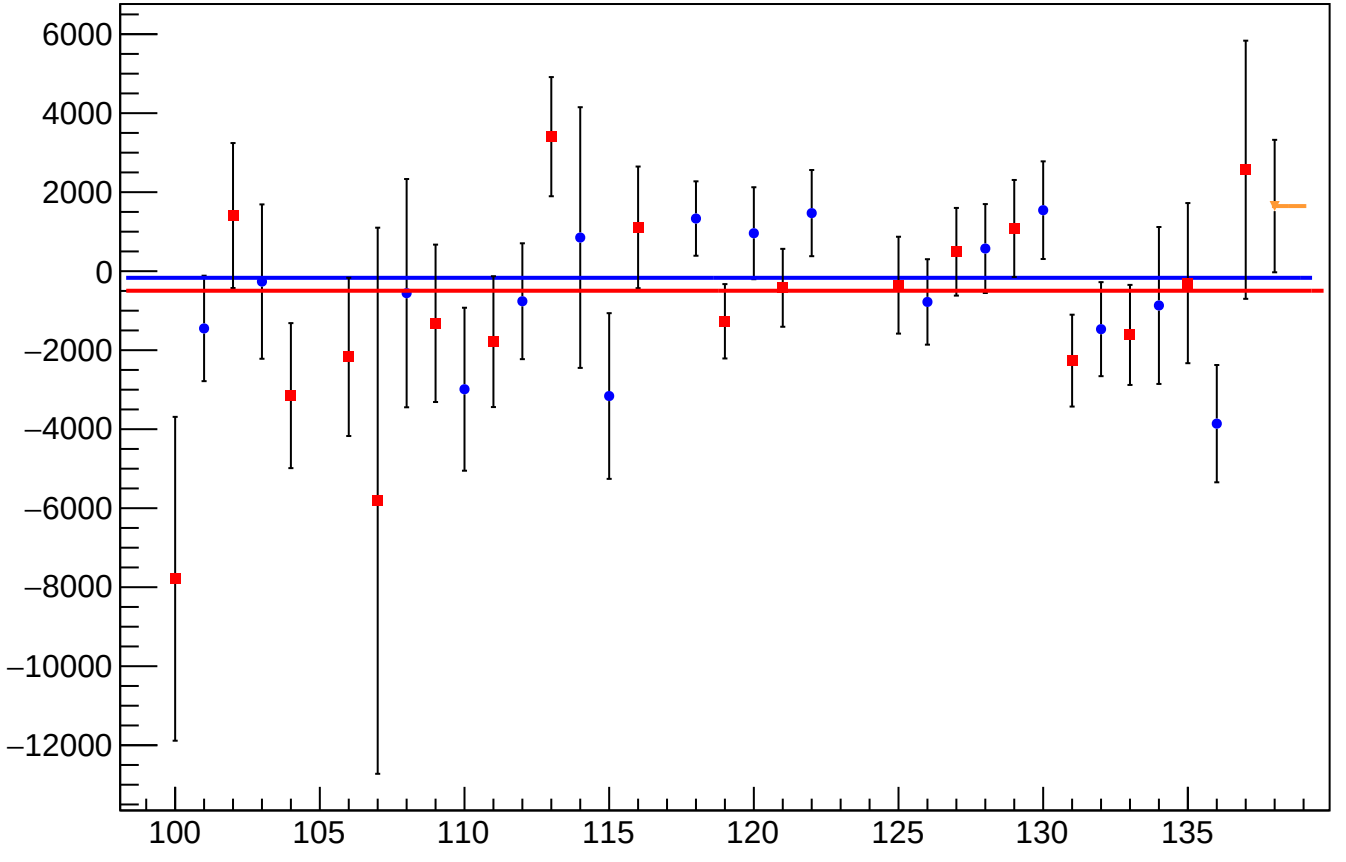
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1102.471+/-0.275 χ^2/NDF: 11357.7/16

All: 1106.328+/-0.199 χ^2/NDF: 19467.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: -167.891+/-345.441 χ^2/NDF: 21.0/15

Left Out: 1648.265+/-1676.306 χ^2/NDF:0.0/0

Right Out: -495.172+/-345.054 χ^2/NDF: 23.3/17

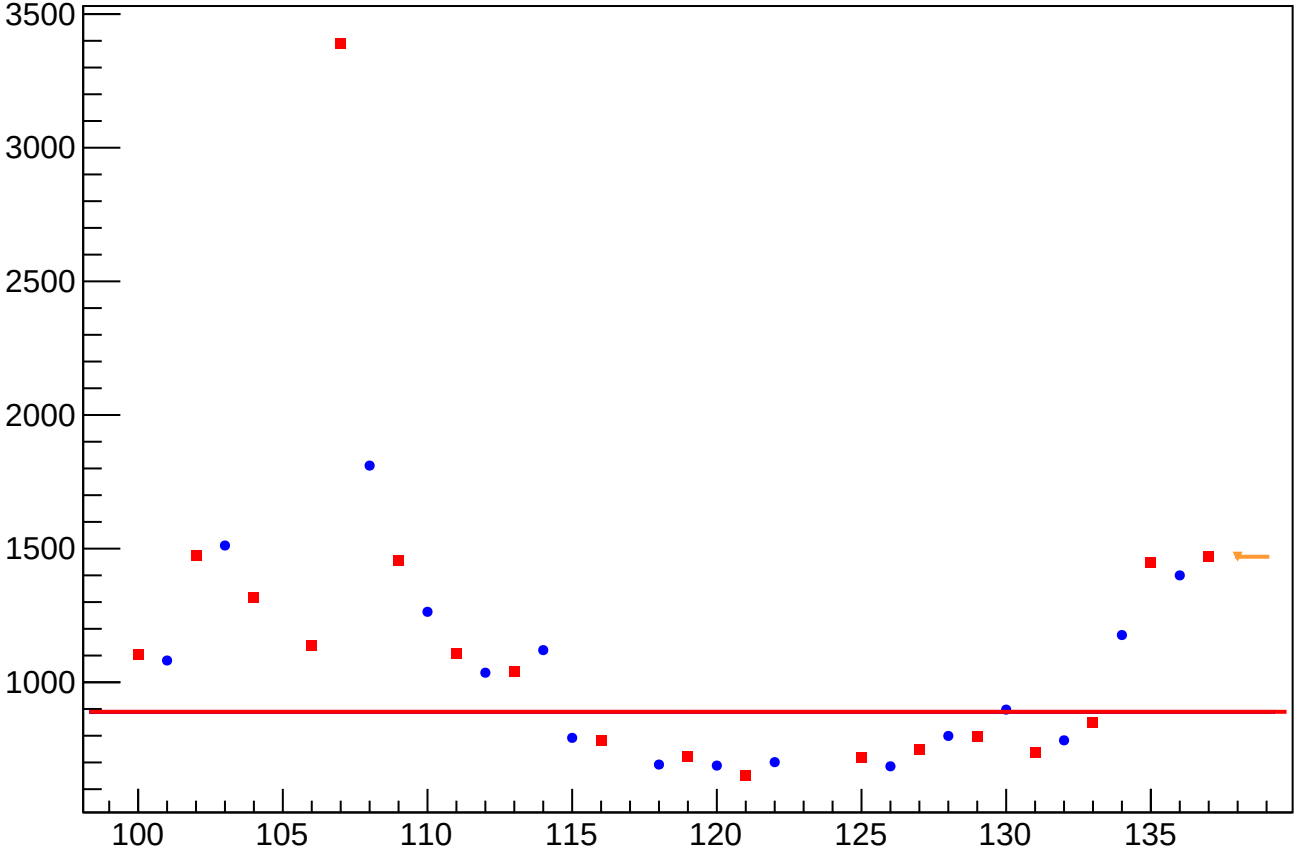
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -93.908+/-338.332 χ^2/NDF: 22.1/16

All: -290.593+/-241.578 χ^2/NDF: 46.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_reg_correction_rms vs Slug



Right In: 888.956+/-0.244 χ^2/NDF: 1132766.3/15

Left Out: 1469.670+/-1.185 χ^2/NDF:0.0/0

Right Out: 889.478+/-0.244 χ^2/NDF: 1345750.2/17

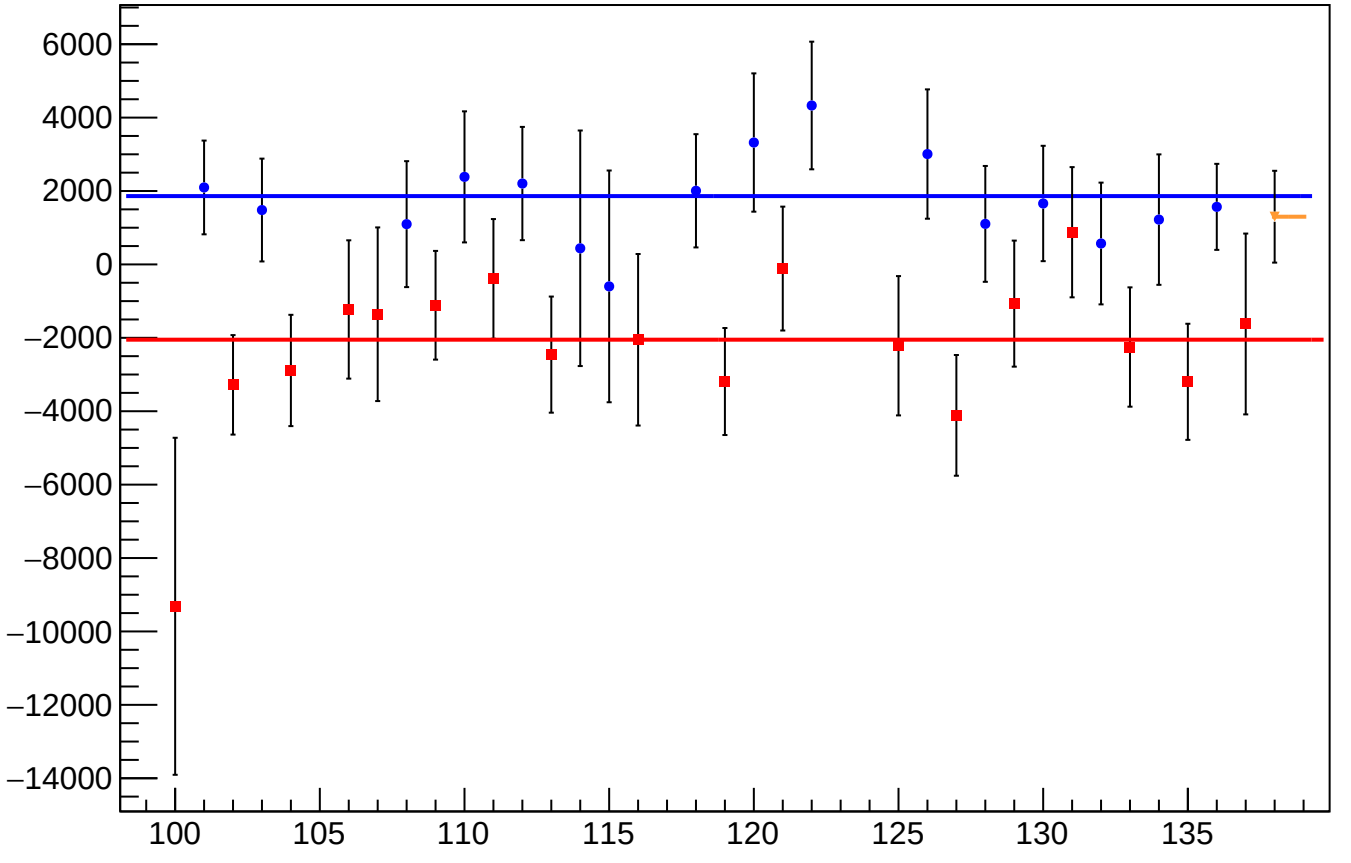
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 912.612+/-0.239 χ^2/NDF: 1363009.2/16

All: 901.273+/-0.171 χ^2/NDF: 2713342.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_mean vs Slug



Right In: 1861.525+/-409.524 χ^2/NDF: 5.3/15

Left Out: 1299.810+/-1250.792 χ^2/NDF:0.0/0

Right Out: -2050.842+/-409.249 χ^2/NDF: 12.5/17

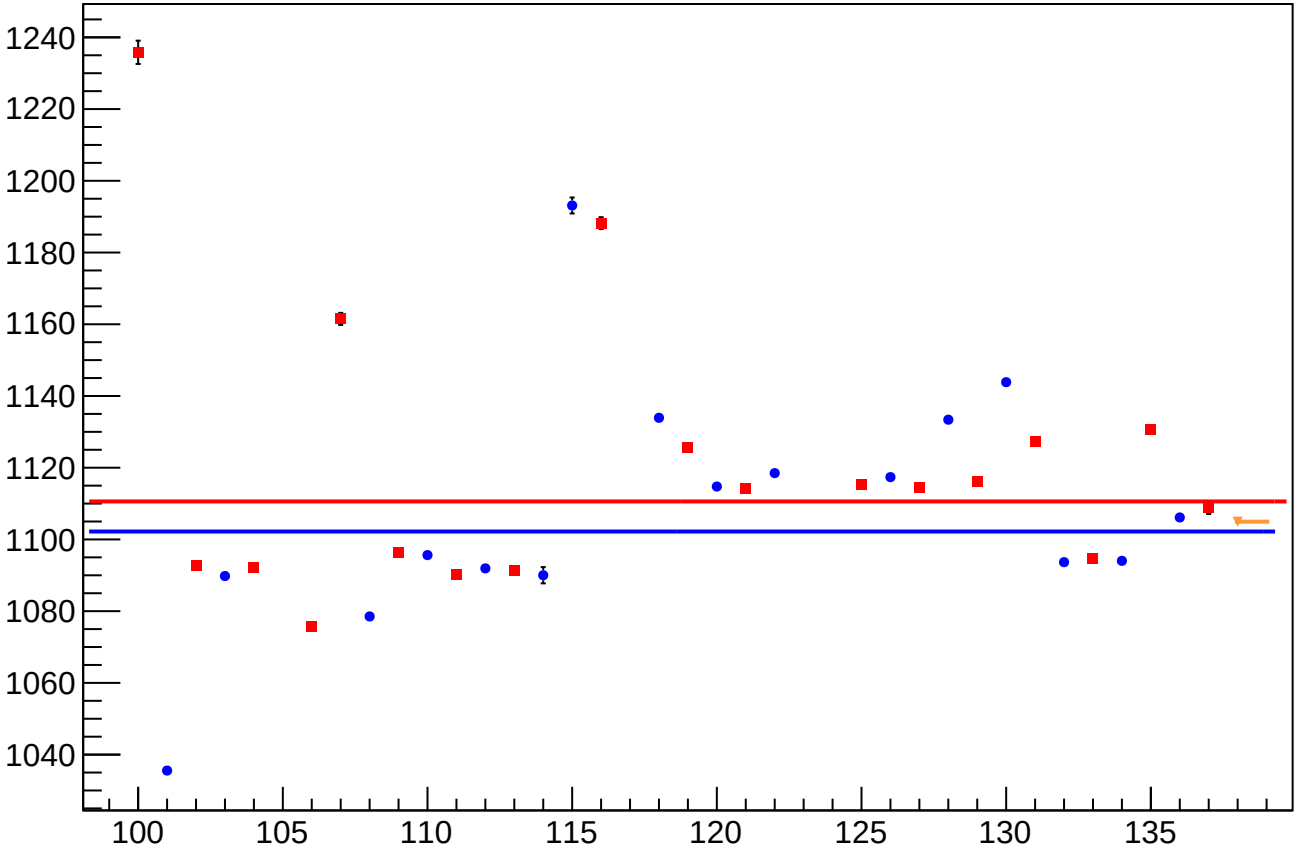
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1807.140+/-389.194 χ^2/NDF: 5.5/16

All: -25.010+/-282.025 χ^2/NDF: 64.7/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_rms vs Slug



Right In: 1102.205+/-0.290 χ^2/NDF: 11348.9/15

Left Out: 1104.953+/-0.884 χ^2/NDF:0.0/0

Right Out: 1110.592+/-0.289 χ^2/NDF: 7696.0/17

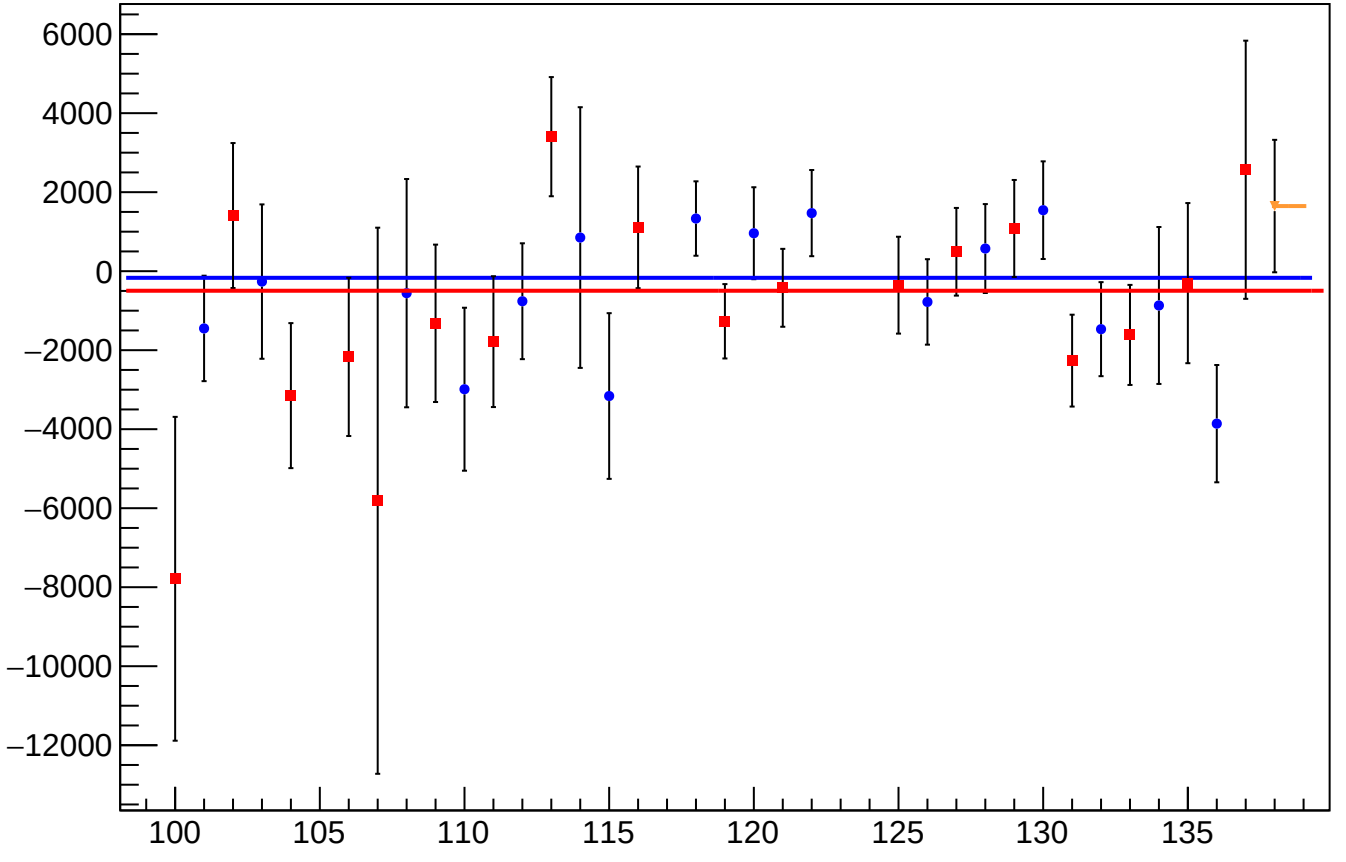
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1102.471+/-0.275 χ^2/NDF: 11357.7/16

All: 1106.328+/-0.199 χ^2/NDF: 19467.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_cor_correction_mean vs Slug



Right In: -167.891+/-345.441 χ^2/NDF: 21.0/15

Left Out: 1648.265+/-1676.306 χ^2/NDF:0.0/0

Right Out: -495.172+/-345.054 χ^2/NDF: 23.3/17

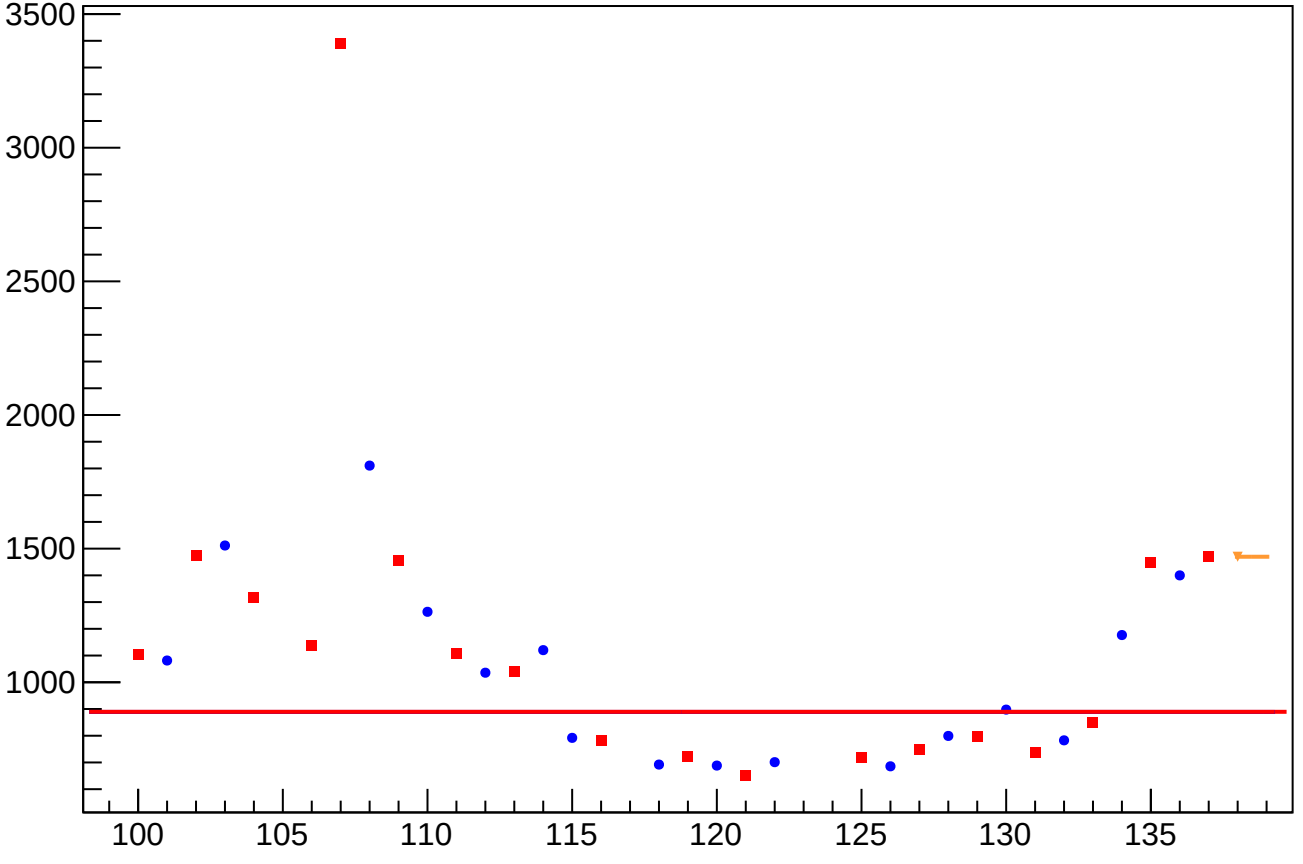
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -93.908+/-338.332 χ^2/NDF: 22.1/16

All: -290.593+/-241.578 χ^2/NDF: 46.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_cor_correction_rms vs Slug



Right In: 888.956+/-0.244 χ^2/NDF: 1132766.3/15

Left Out: 1469.670+/-1.185 χ^2/NDF:0.0/0

Right Out: 889.478+/-0.244 χ^2/NDF: 1345750.2/17

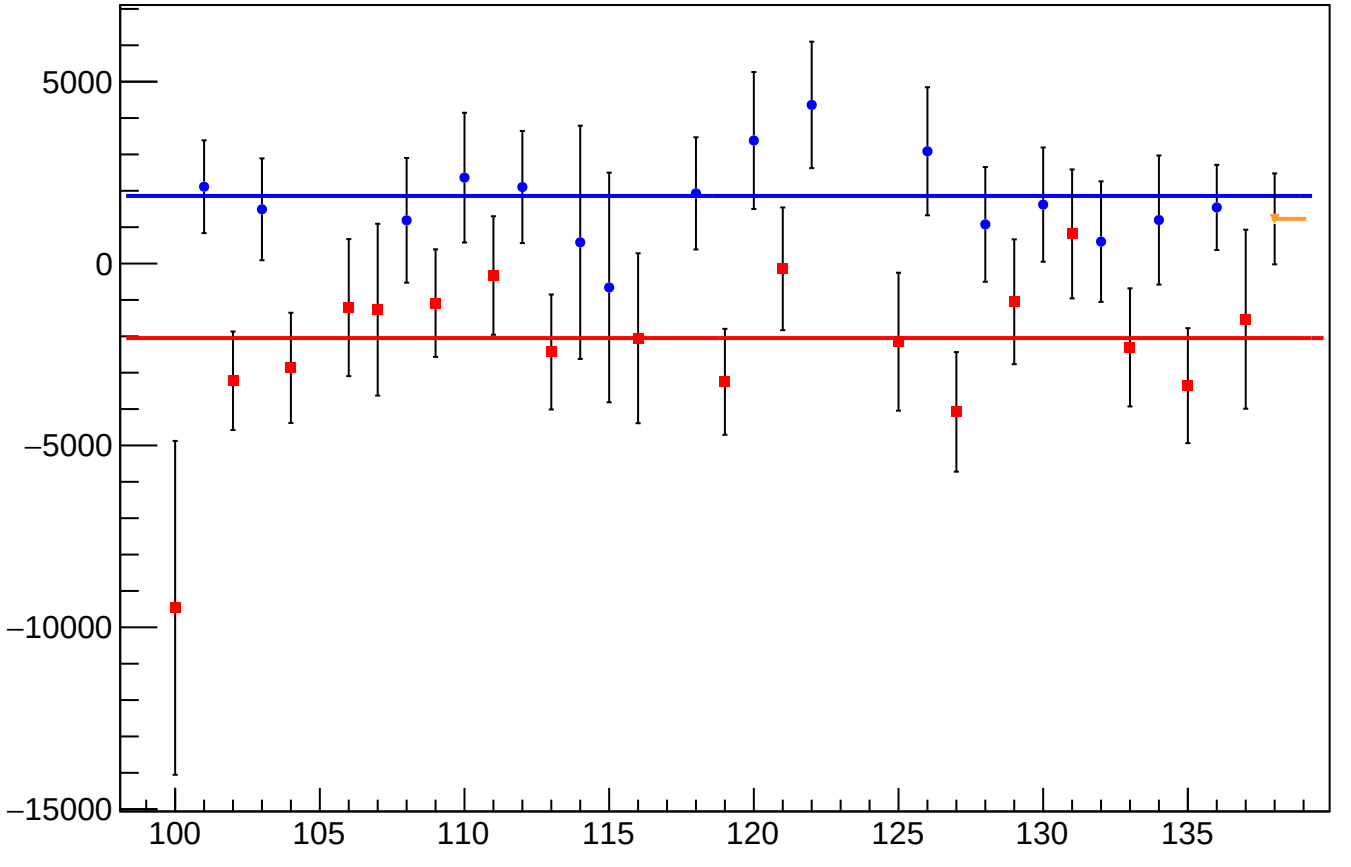
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 912.612+/-0.239 χ^2/NDF: 1363009.2/16

All: 901.273+/-0.171 χ^2/NDF: 2713342.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_usl_mean vs Slug



Right In: 1858.683+/-409.170 χ^2/NDF: 5.4/15

Left Out: 1228.245+/-1249.770 χ^2/NDF:0.0/0

Right Out: -2048.674+/-408.894 χ^2/NDF: 12.7/17

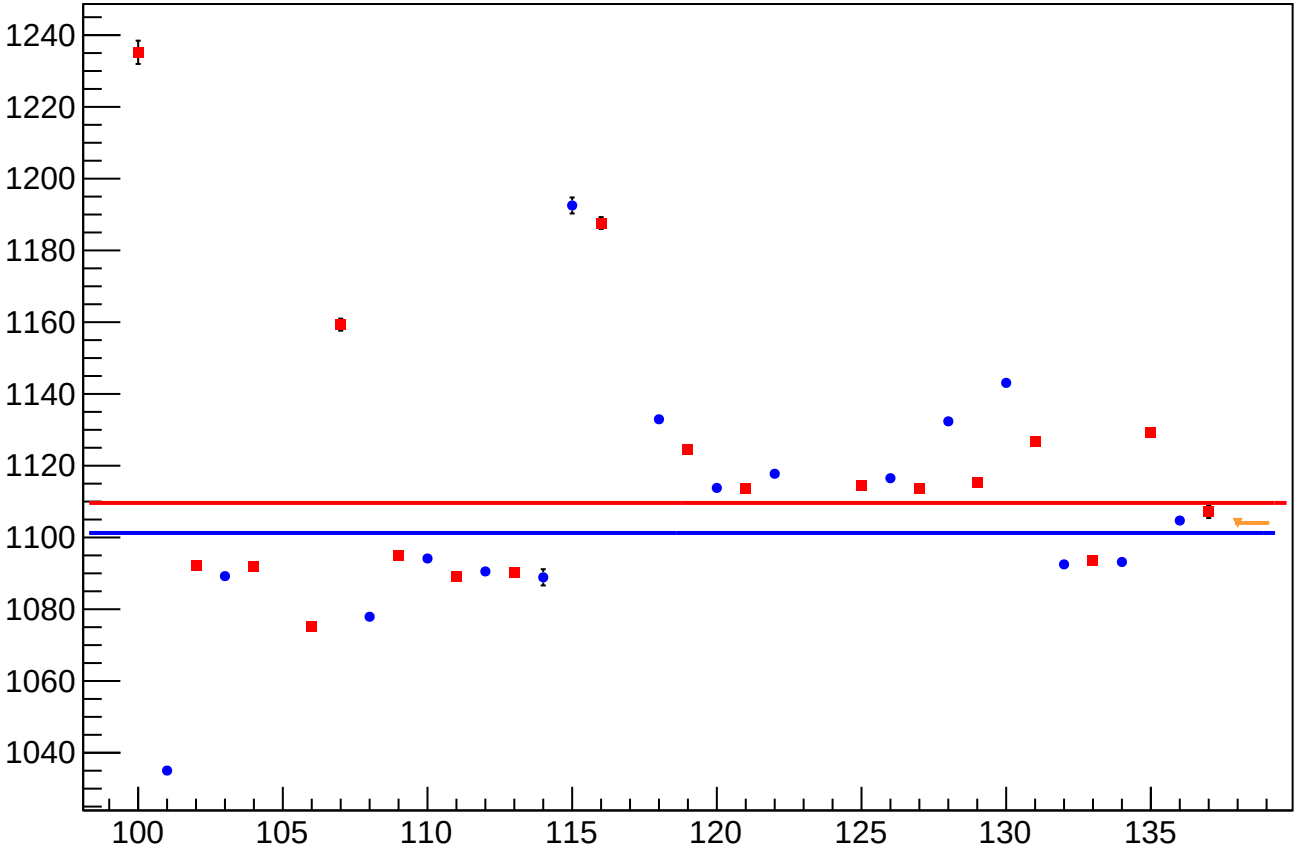
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1797.649+/-388.860 χ^2/NDF: 5.7/16

All: -28.981+/-281.782 χ^2/NDF: 64.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1101.254+/-0.289 χ^2/NDF: 11308.3/15

Left Out: 1104.049+/-0.884 χ^2/NDF:0.0/0

Right Out: 1109.629+/-0.289 χ^2/NDF: 7673.1/17

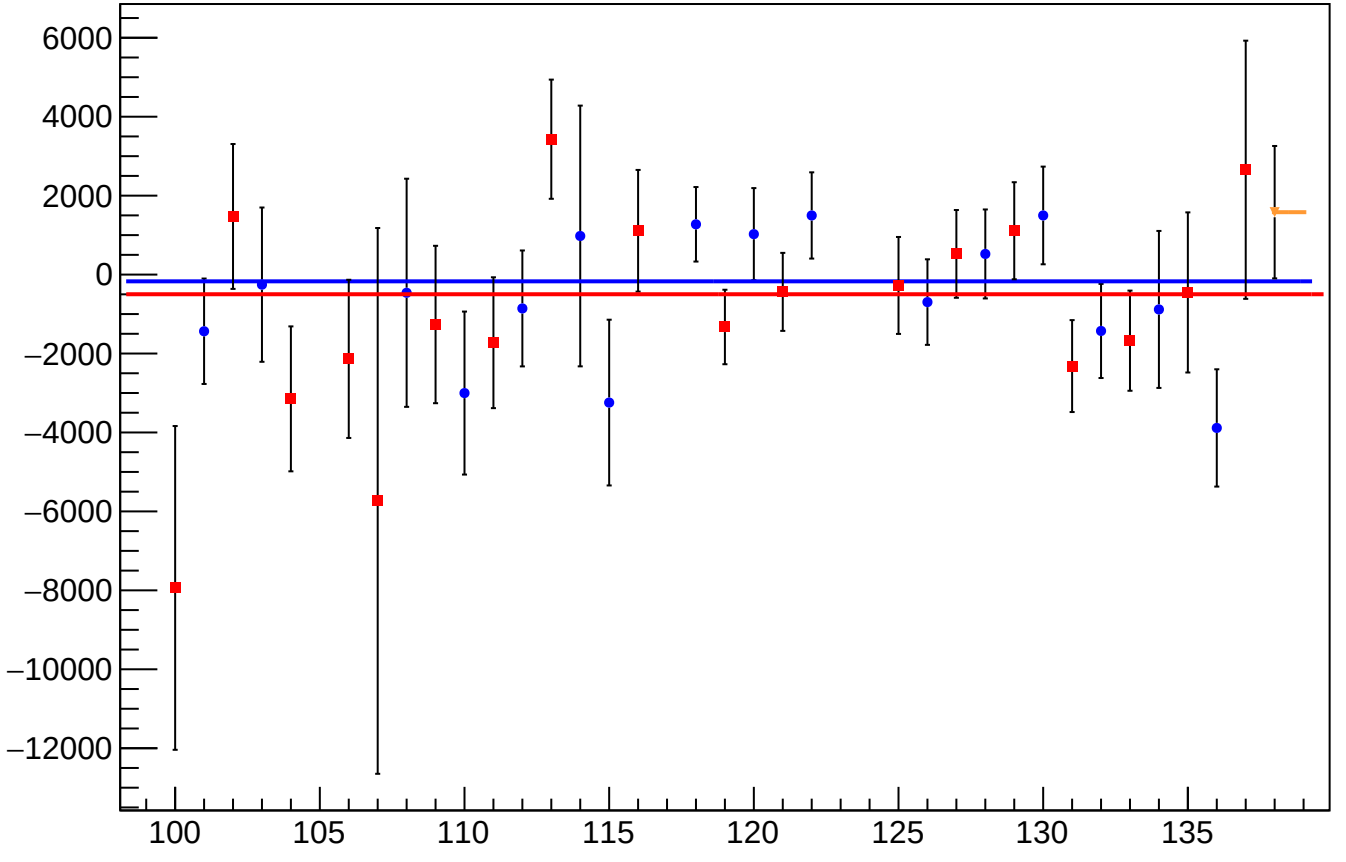
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1101.525+/-0.275 χ^2/NDF: 11317.3/16

All: 1105.373+/-0.199 χ^2/NDF: 19402.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_overload_cor_correction_mean vs Slug



Right In: -170.930+/-345.980 χ^2/NDF: 20.9/15

Left Out: 1581.081+/-1677.169 χ^2/NDF:0.0/0

Right Out: -497.957+/-345.565 χ^2/NDF: 23.9/17

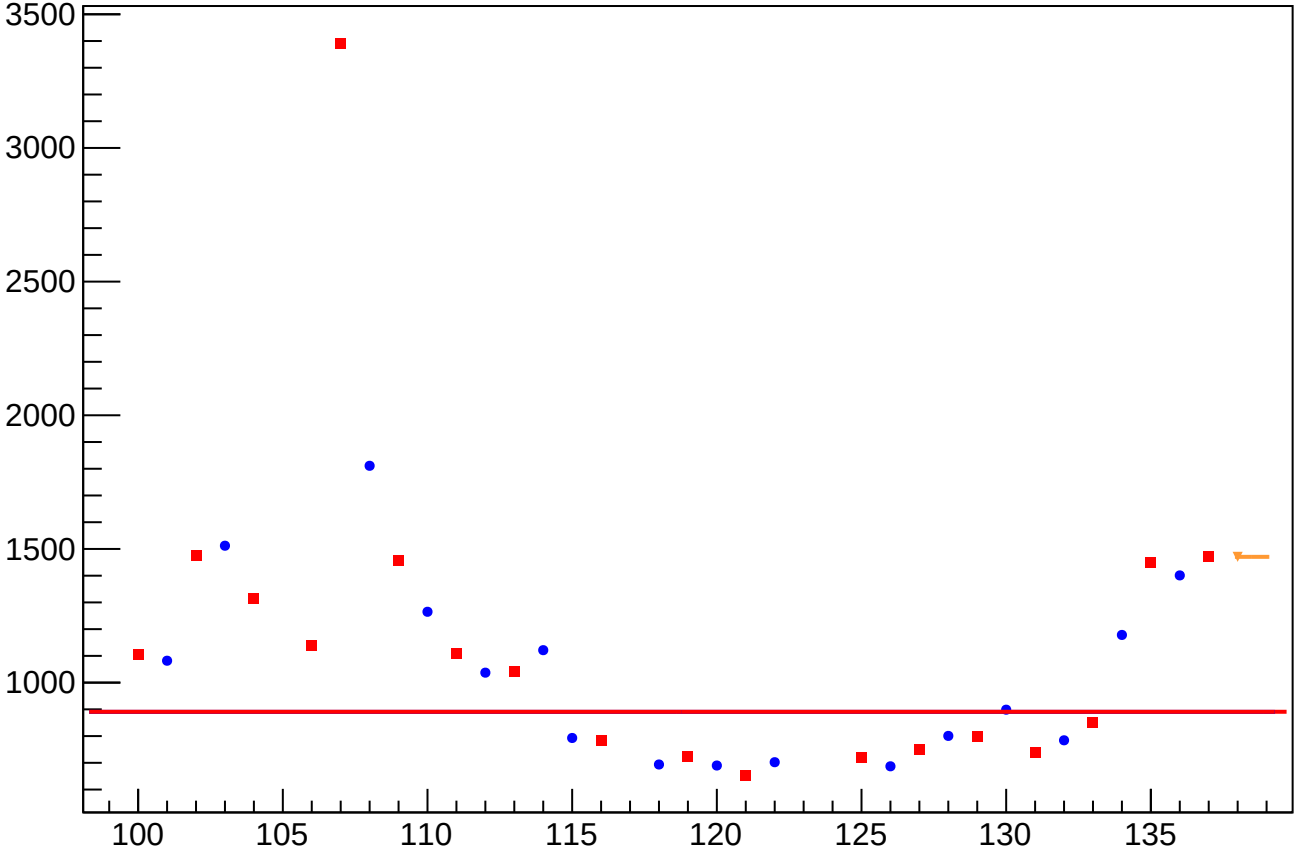
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -99.416+/-338.846 χ^2/NDF: 22.0/16

All: -294.774+/-241.941 χ^2/NDF: 46.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_overload_cor_correction_rms vs Slug



Right In: 890.495+/-0.245 χ^2/NDF: 1128739.3/15

Left Out: 1470.466+/-1.186 χ^2/NDF:0.0/0

Right Out: 890.938+/-0.244 χ^2/NDF: 1341804.2/17

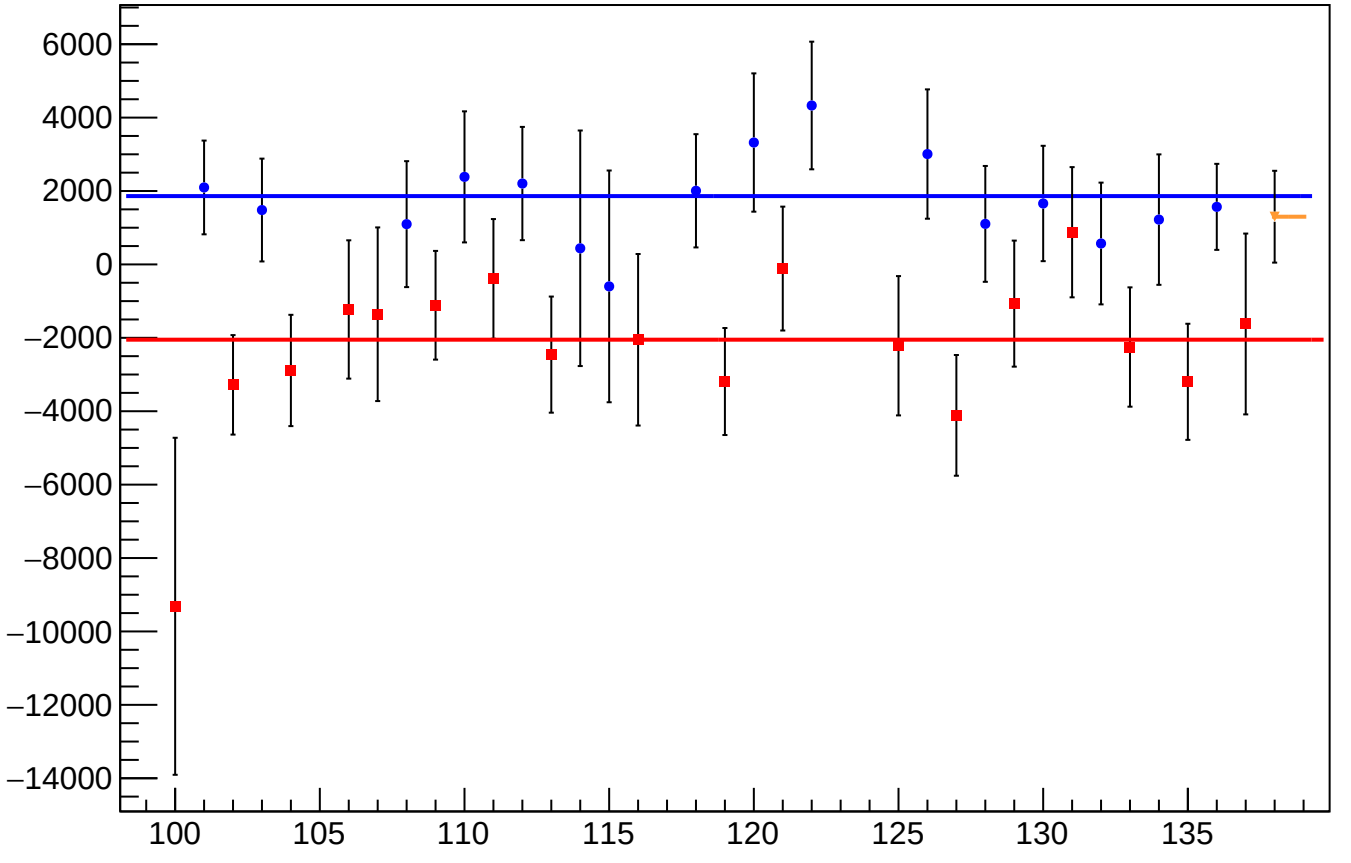
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 914.168+/-0.240 χ^2/NDF: 1358137.4/16

All: 902.781+/-0.171 χ^2/NDF: 2704549.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 1861.525+/-409.524 χ^2/NDF: 5.3/15

Left Out: 1299.810+/-1250.792 χ^2/NDF:0.0/0

Right Out: -2050.842+/-409.249 χ^2/NDF: 12.5/17

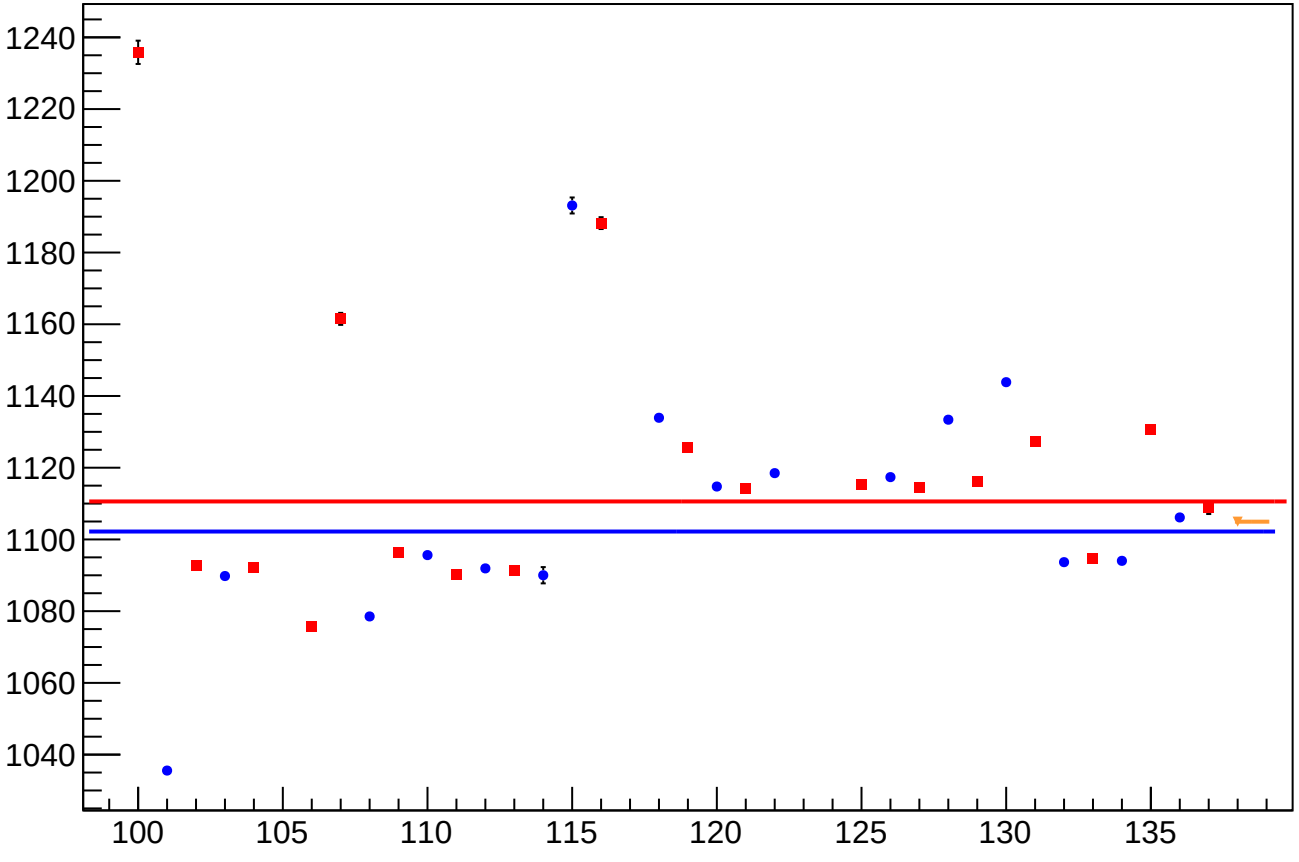
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1807.140+/-389.194 χ^2/NDF: 5.5/16

All: -25.010+/-282.025 χ^2/NDF: 64.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1102.205+/-0.290 χ^2/NDF: 11348.9/15

Left Out: 1104.953+/-0.884 χ^2/NDF:0.0/0

Right Out: 1110.592+/-0.289 χ^2/NDF: 7696.0/17

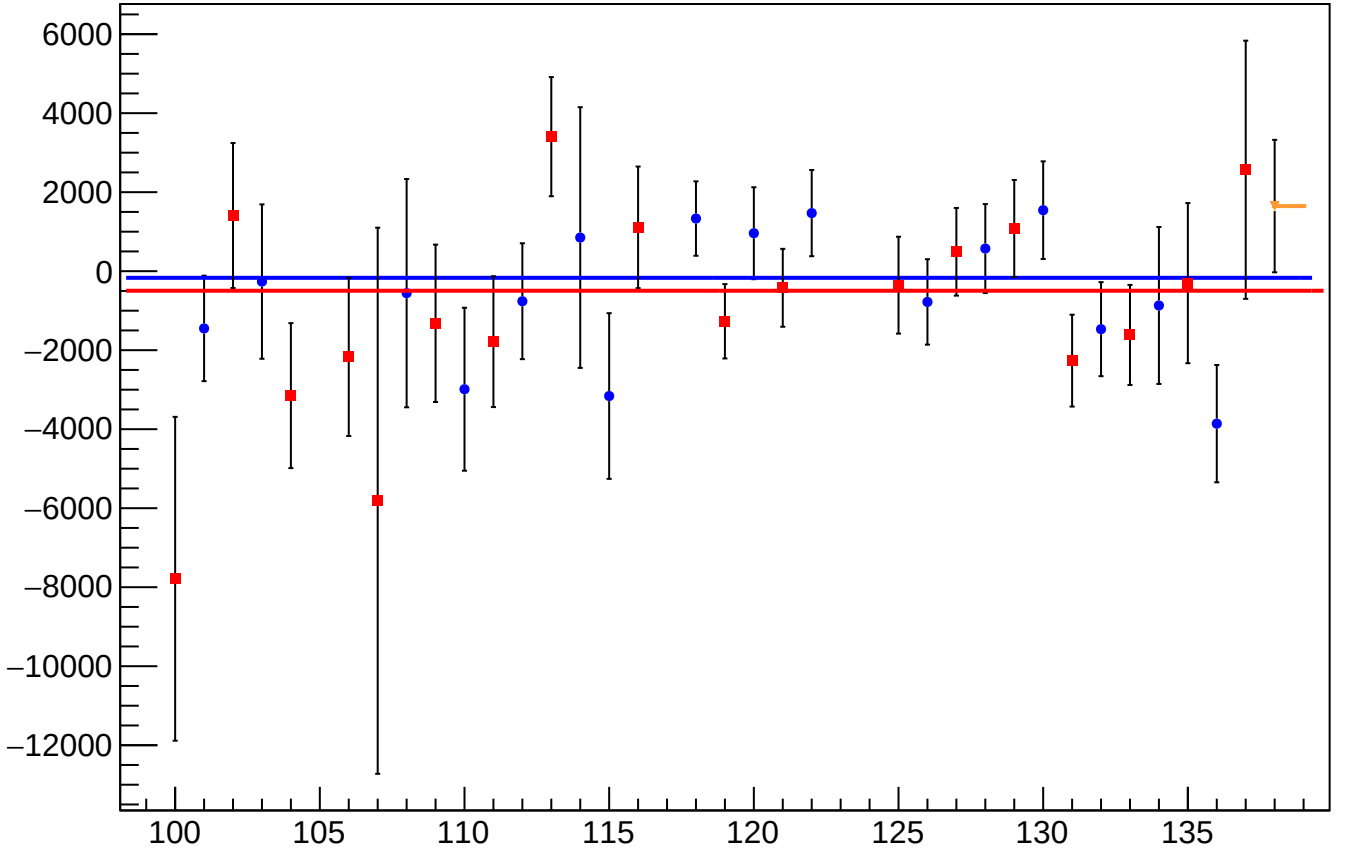
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1102.471+/-0.275 χ^2/NDF: 11357.7/16

All: 1106.328+/-0.199 χ^2/NDF: 19467.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: -167.891+/-345.441 χ^2/NDF: 21.0/15

Left Out: 1648.265+/-1676.306 χ^2/NDF:0.0/0

Right Out: -495.172+/-345.054 χ^2/NDF: 23.3/17

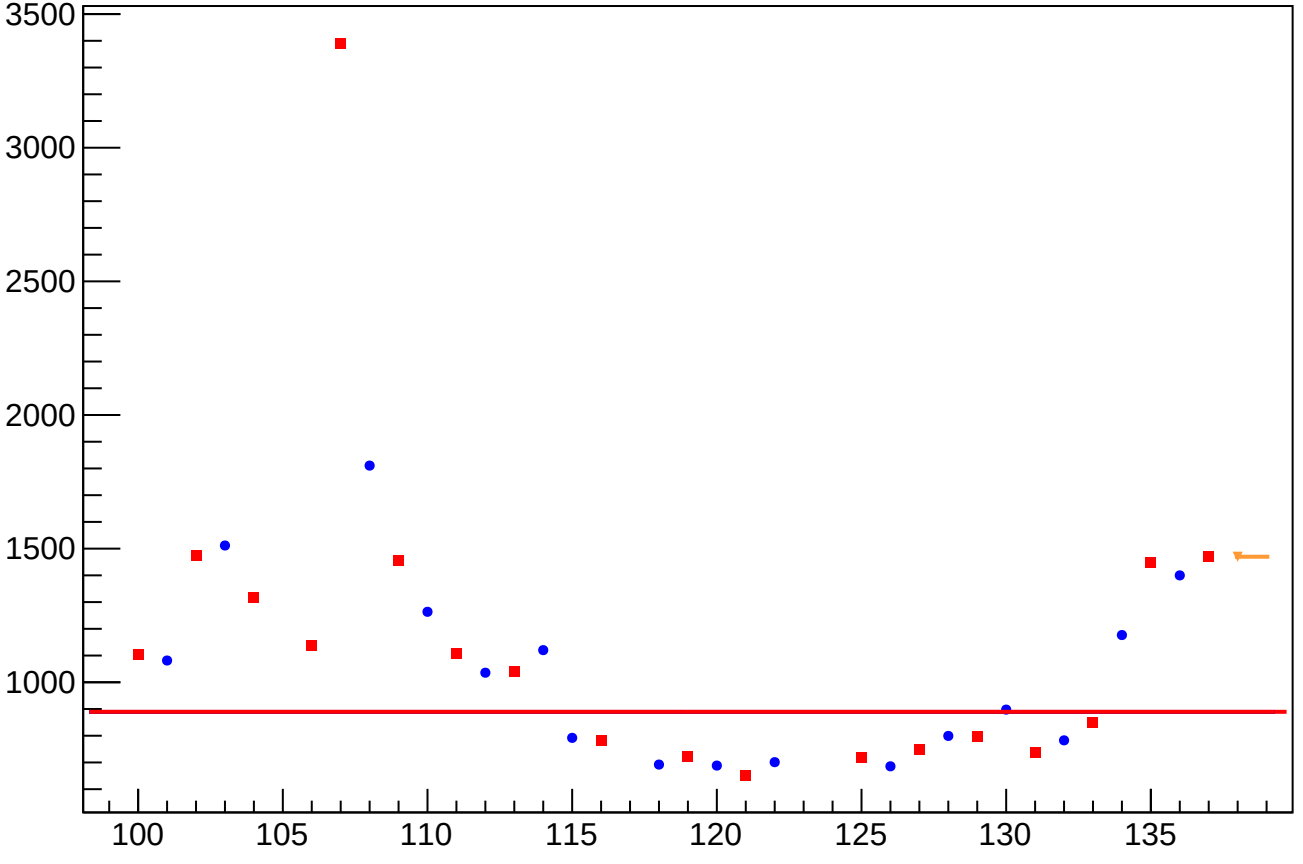
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -93.908+/-338.332 χ^2/NDF: 22.1/16

All: -290.593+/-241.578 χ^2/NDF: 46.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 888.956+/-0.244 χ^2/NDF: 1132766.3/15

Left Out: 1469.670+/-1.185 χ^2/NDF:0.0/0

Right Out: 889.478+/-0.244 χ^2/NDF: 1345750.2/17

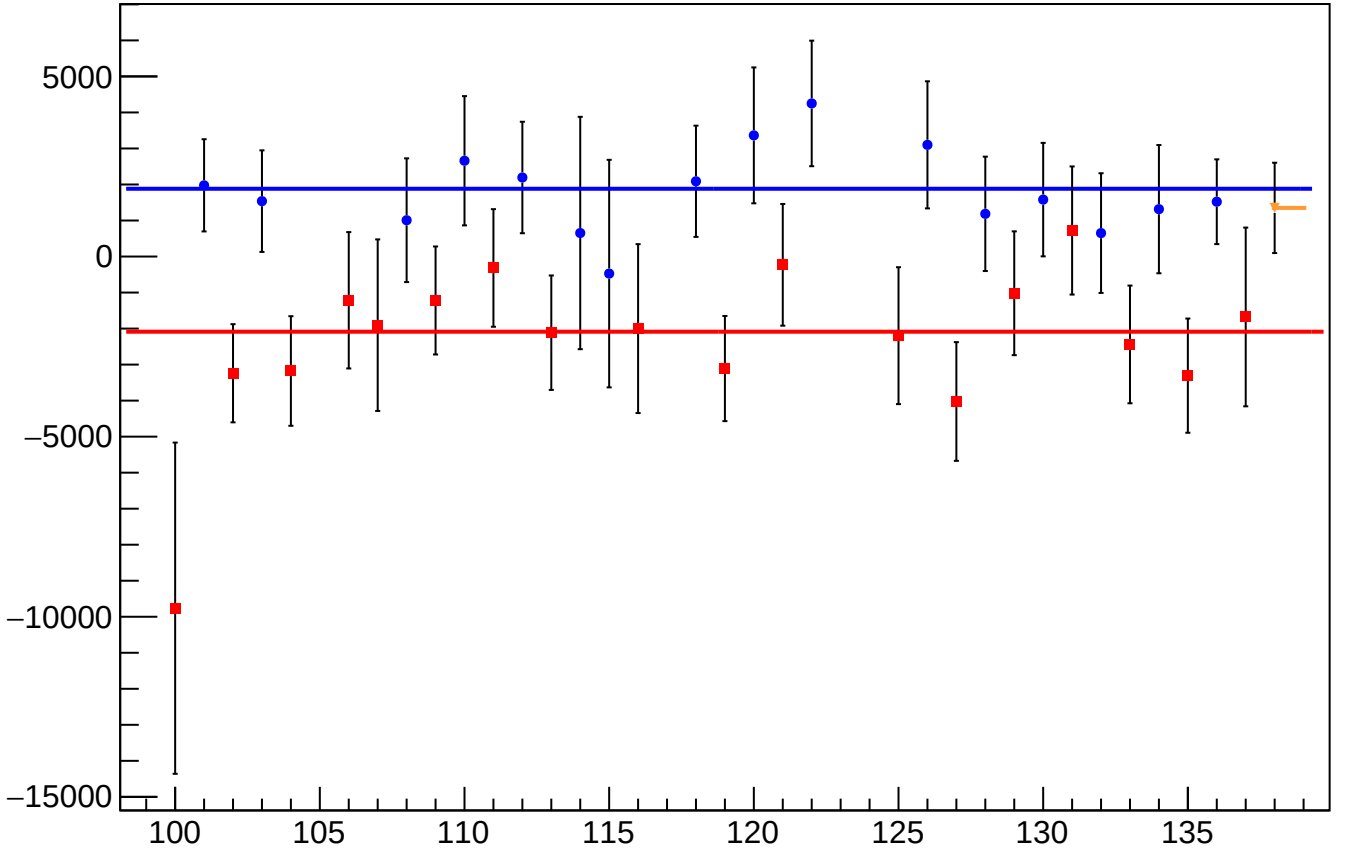
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 912.612+/-0.239 χ^2/NDF: 1363009.2/16

All: 901.273+/-0.171 χ^2/NDF: 2713342.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usl_mean vs Slug



Right In: 1881.524+/-410.700 χ^2/NDF: 5.2/15

Left Out: 1350.233+/-1253.811 χ^2/NDF:0.0/0

Right Out: -2086.886+/-410.785 χ^2/NDF: 12.4/17

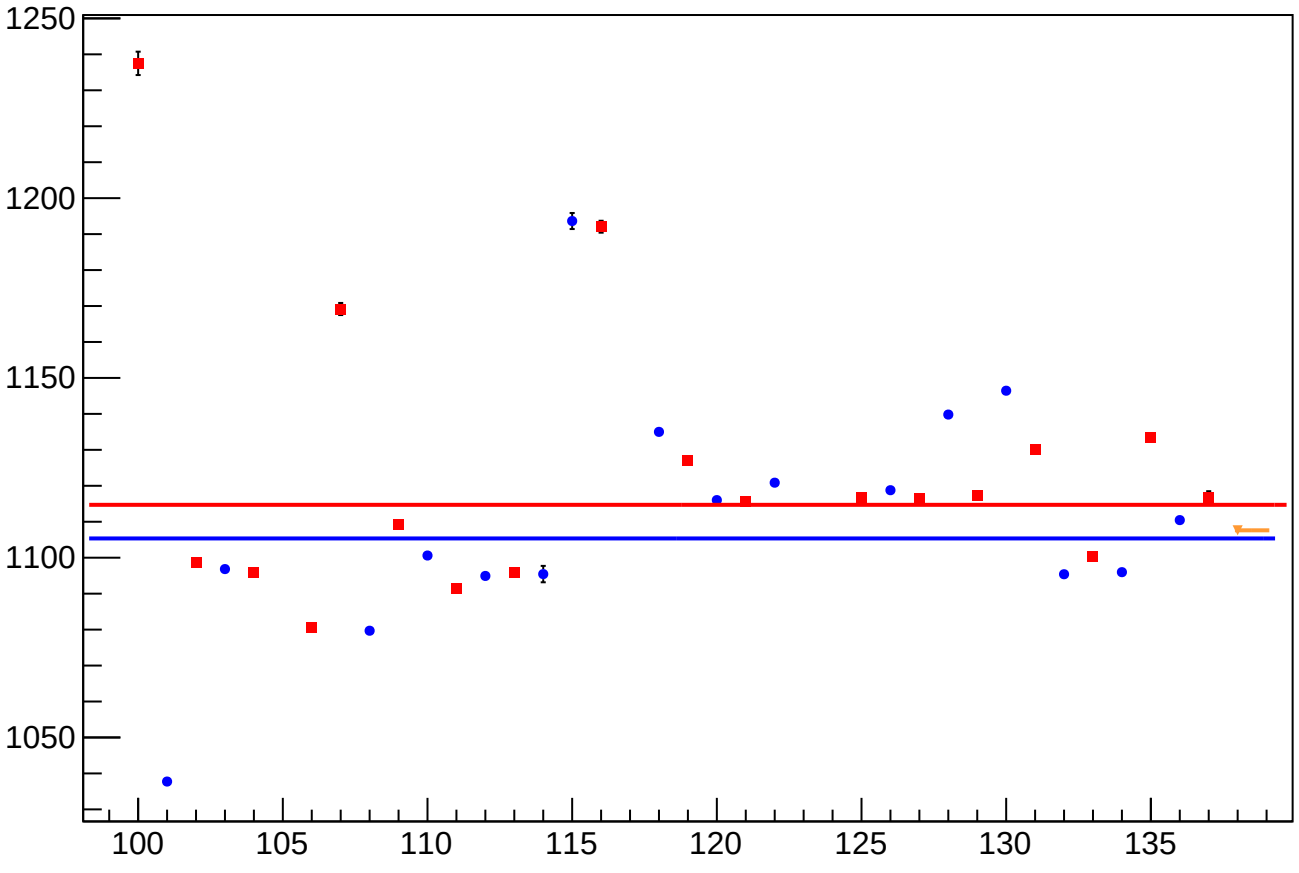
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1830.042+/-390.295 χ^2/NDF: 5.3/16

All: -28.300+/-282.947 χ^2/NDF: 65.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usl_rms vs Slug



Right In: 1105.355+/-0.290 χ^2/NDF: 11330.9/15

Left Out: 1107.616+/-0.887 χ^2/NDF:0.0/0

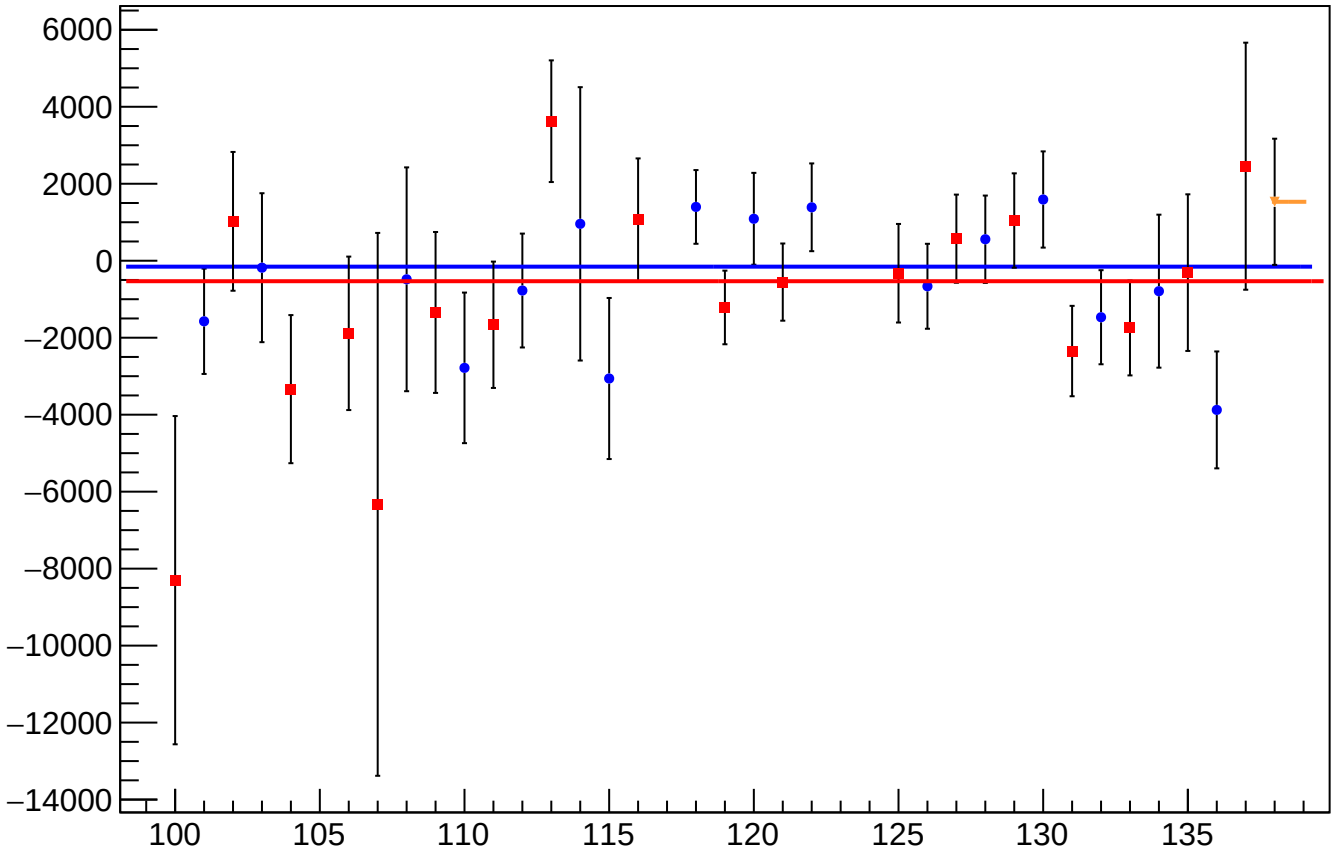
Right Out: 1114.705+/-0.290 χ^2/NDF: 7330.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1105.574+/-0.276 χ^2/NDF: 11336.8/16

All: 1109.906+/-0.200 χ^2/NDF: 19186.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -153.999+/-351.318 χ^2/NDF: 20.5/15

Left Out: 1531.290+/-1638.928 χ^2/NDF:0.0/0

Right Out: -532.155+/-350.407 χ^2/NDF: 23.2/17

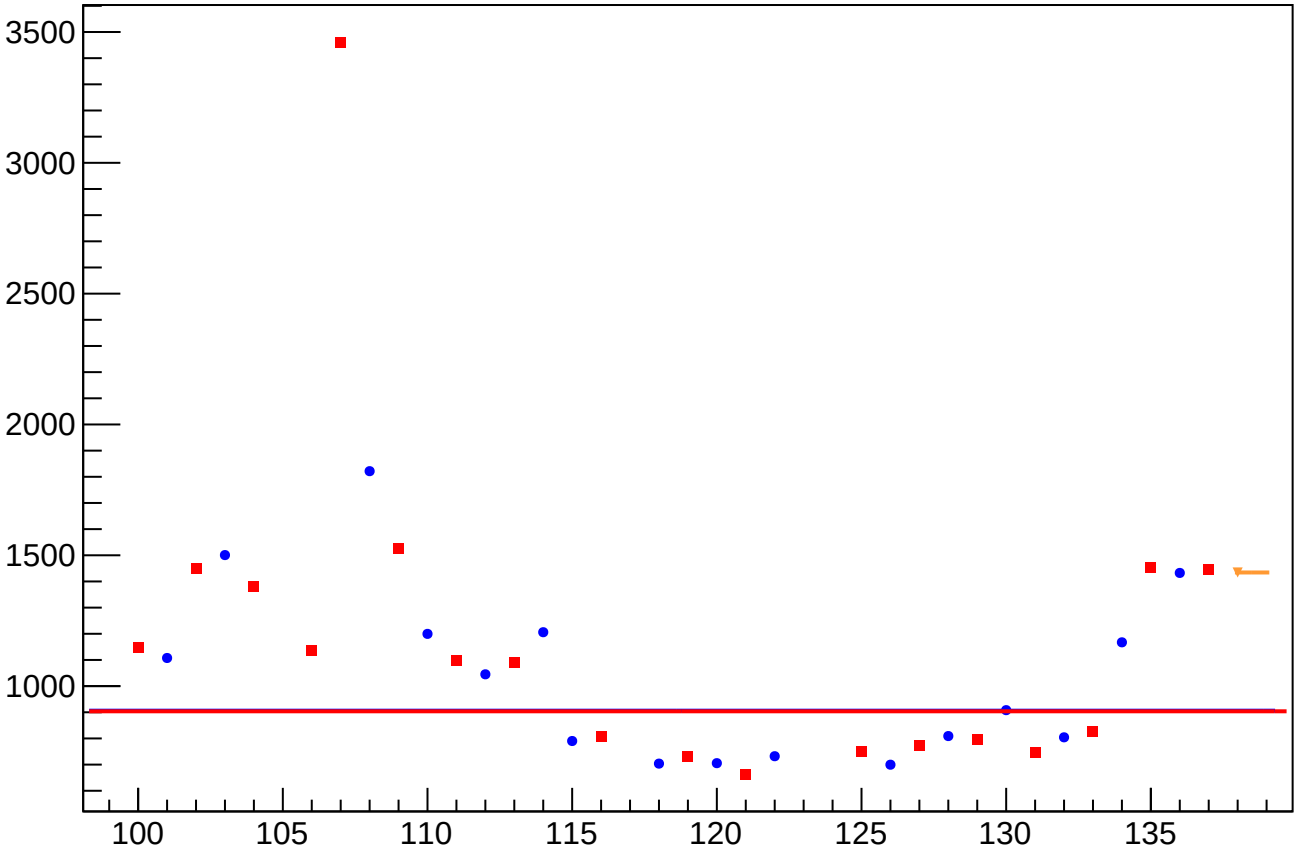
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -79.963+/-343.514 χ^2/NDF: 21.5/16

All: -301.568+/-245.302 χ^2/NDF: 45.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_dit_correction_rms vs Slug



Right In: 906.036+/-0.248 χ^2/NDF: 1079435.1/15

Left Out: 1434.329+/-1.159 χ^2/NDF:0.0/0

Right Out: 903.753+/-0.248 χ^2/NDF: 1339982.2/17

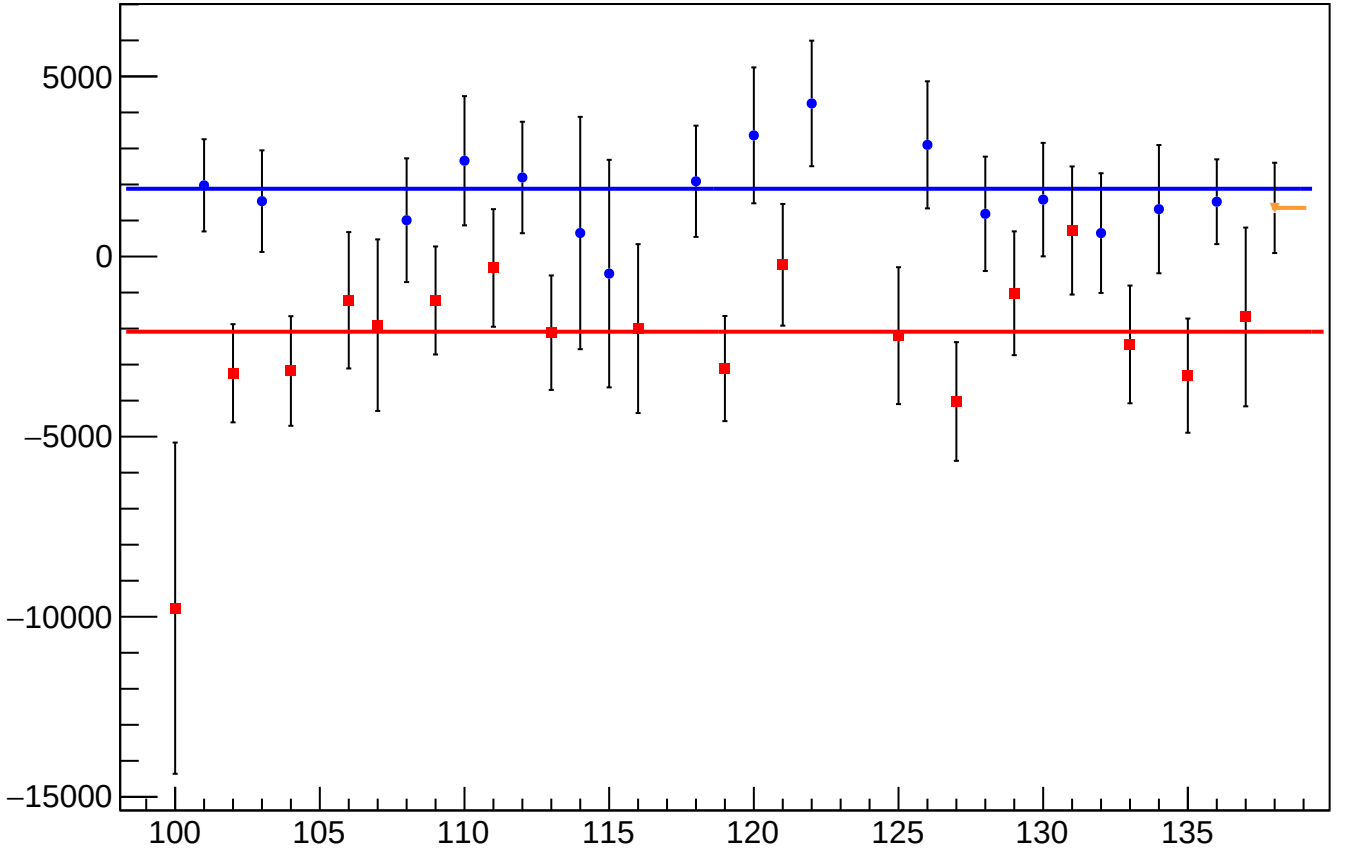
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 929.244+/-0.243 χ^2/NDF: 1278112.9/16

All: 916.752+/-0.173 χ^2/NDF: 2623492.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_mean vs Slug



Right In: 1881.523+/-410.700 χ^2/NDF: 5.2/15

Left Out: 1350.239+/-1253.811 χ^2/NDF:0.0/0

Right Out: -2086.884+/-410.785 χ^2/NDF: 12.4/17

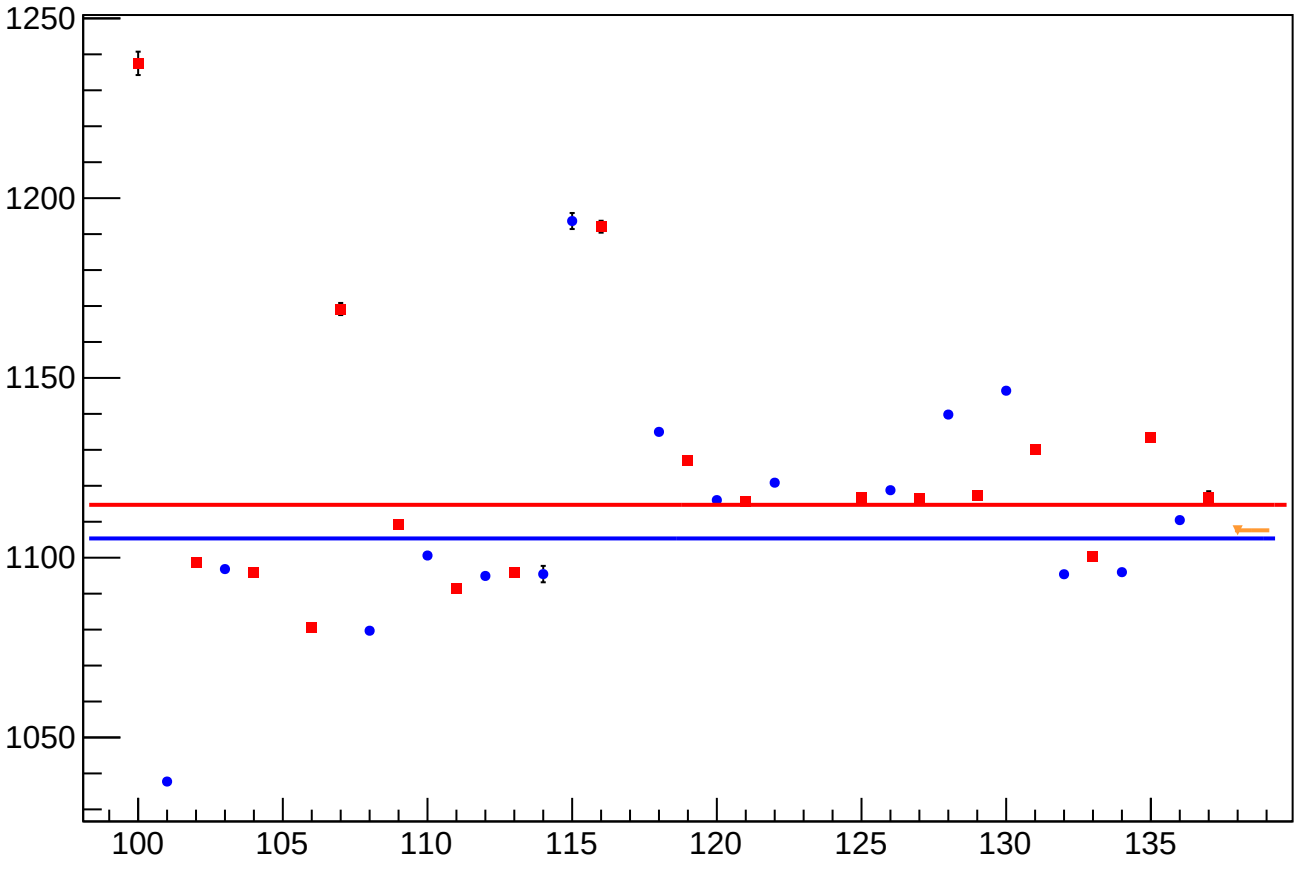
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1830.042+/-390.295 χ^2/NDF: 5.3/16

All: -28.299+/-282.947 χ^2/NDF: 65.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_rms vs Slug



Right In: 1105.355+/-0.290 χ^2/NDF: 11330.9/15

Left Out: 1107.616+/-0.887 χ^2/NDF:0.0/0

Right Out: 1114.705+/-0.290 χ^2/NDF: 7330.2/17

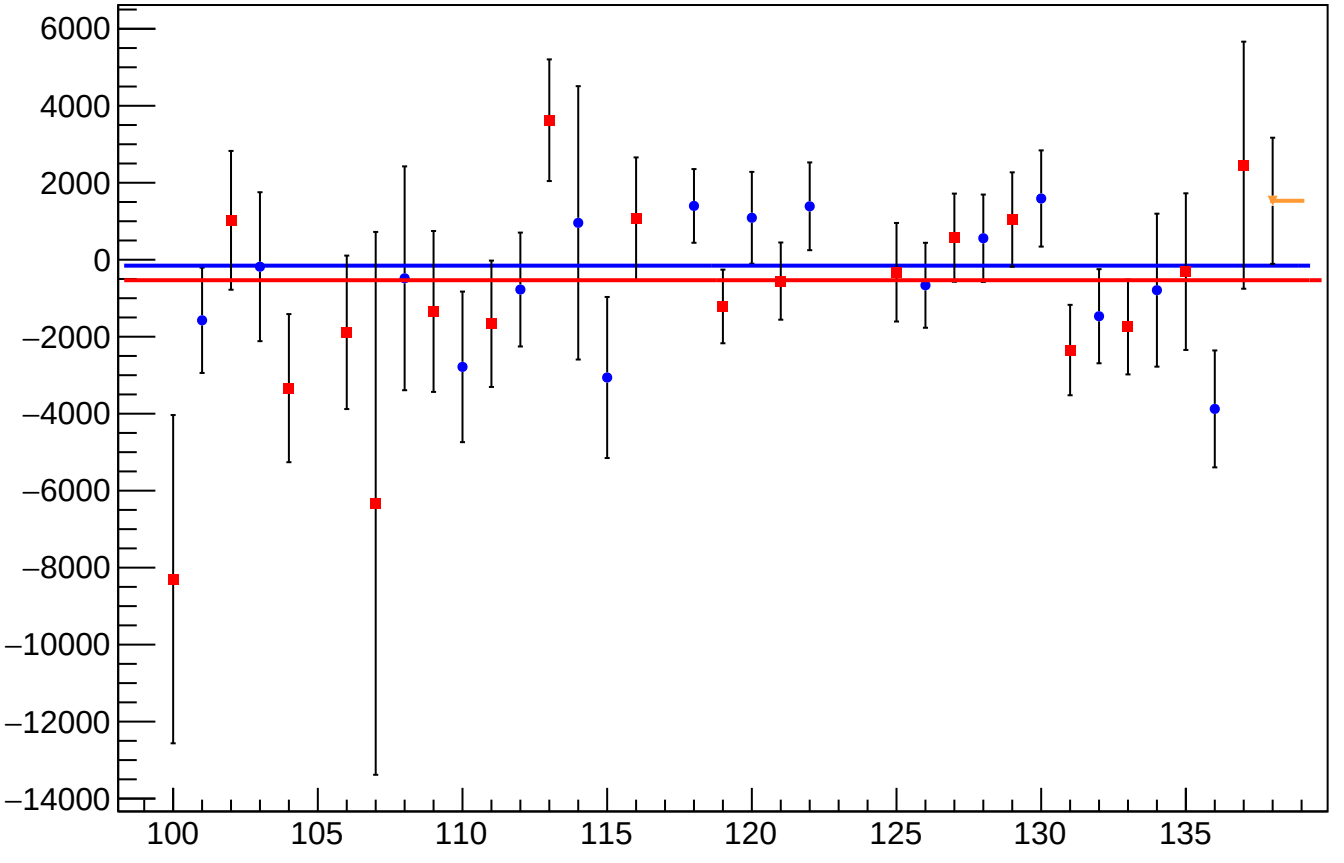
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1105.574+/-0.276 χ^2/NDF: 11336.8/16

All: 1109.906+/-0.200 χ^2/NDF: 19186.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



Right In: -153.998+/-351.317 χ^2/NDF: 20.5/15

Left Out: 1531.295+/-1638.931 χ^2/NDF:0.0/0

Right Out: -532.154+/-350.406 χ^2/NDF: 23.2/17

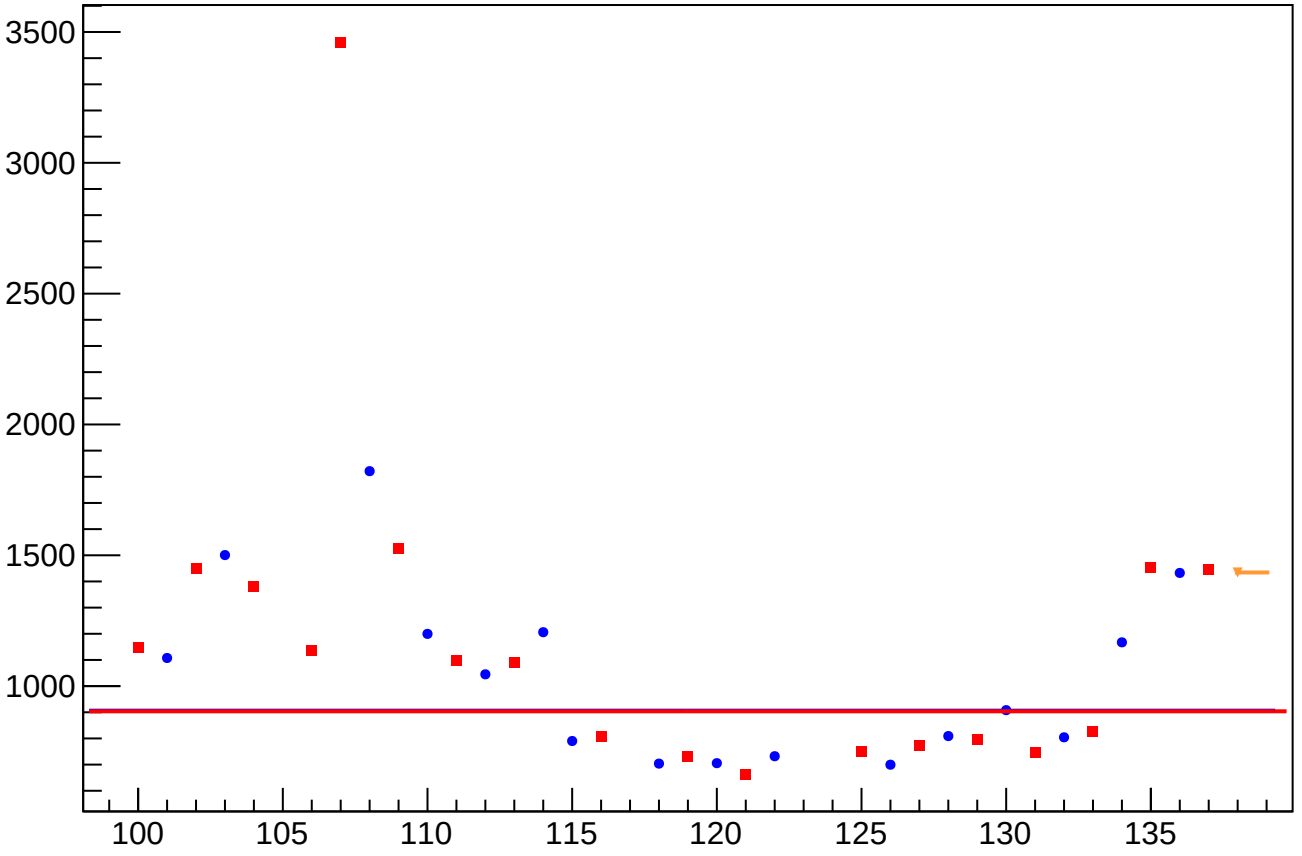
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -79.962+/-343.514 χ^2/NDF: 21.5/16

All: -301.567+/-245.301 χ^2/NDF: 45.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 906.034+/-0.248 χ^2/NDF: 1079440.1/15

Left Out: 1434.331+/-1.159 χ^2/NDF:0.0/0

Right Out: 903.751+/-0.248 χ^2/NDF: 1339985.4/17

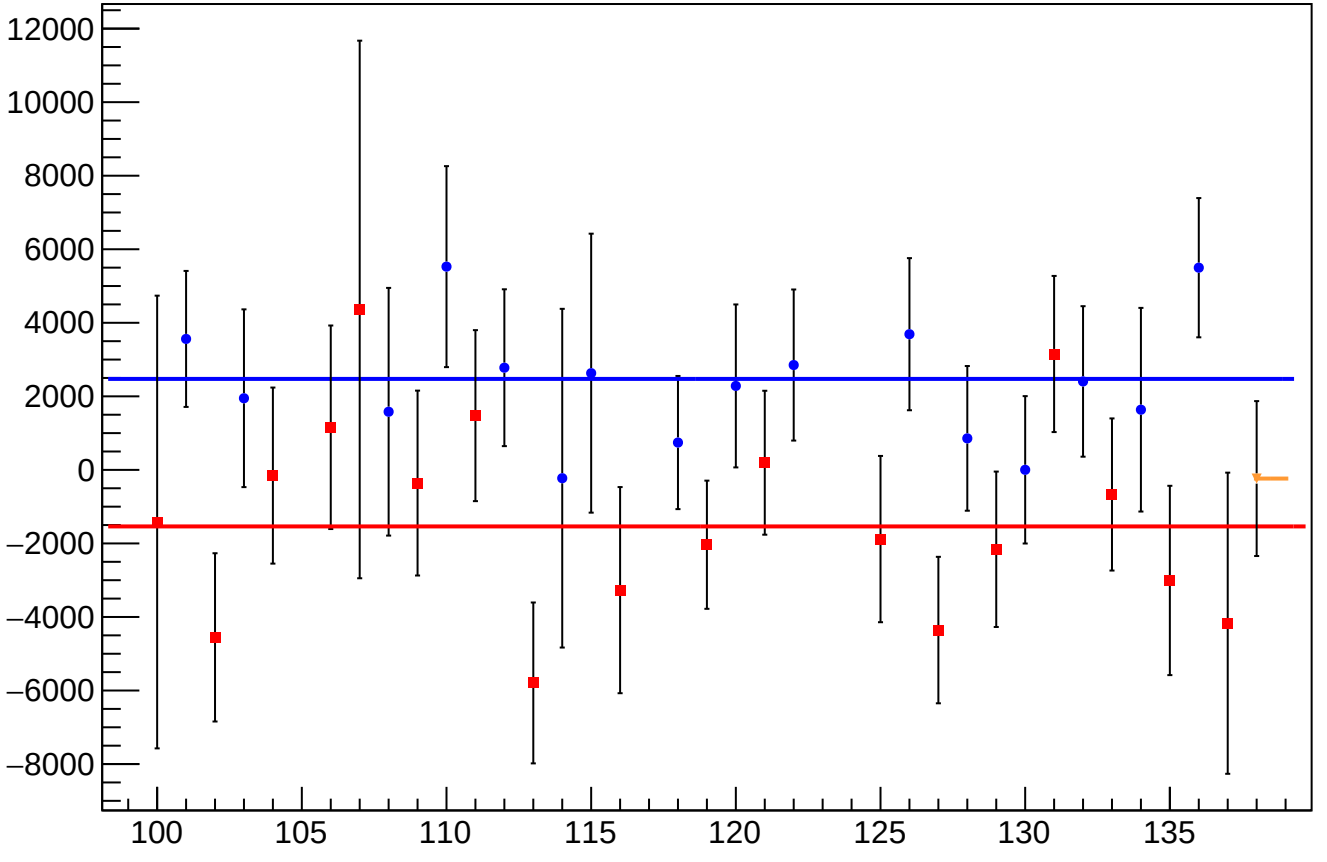
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 929.242+/-0.243 χ^2/NDF: 1278120.5/16

All: 916.750+/-0.173 χ^2/NDF: 2623503.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_mean vs Slug



Right In: 2474.066+/-562.796 χ^2/NDF: 8.2/15

Left Out: -235.914+/-2106.259 χ^2/NDF:0.0/0

Right Out: -1537.435+/-563.556 χ^2/NDF: 18.5/17

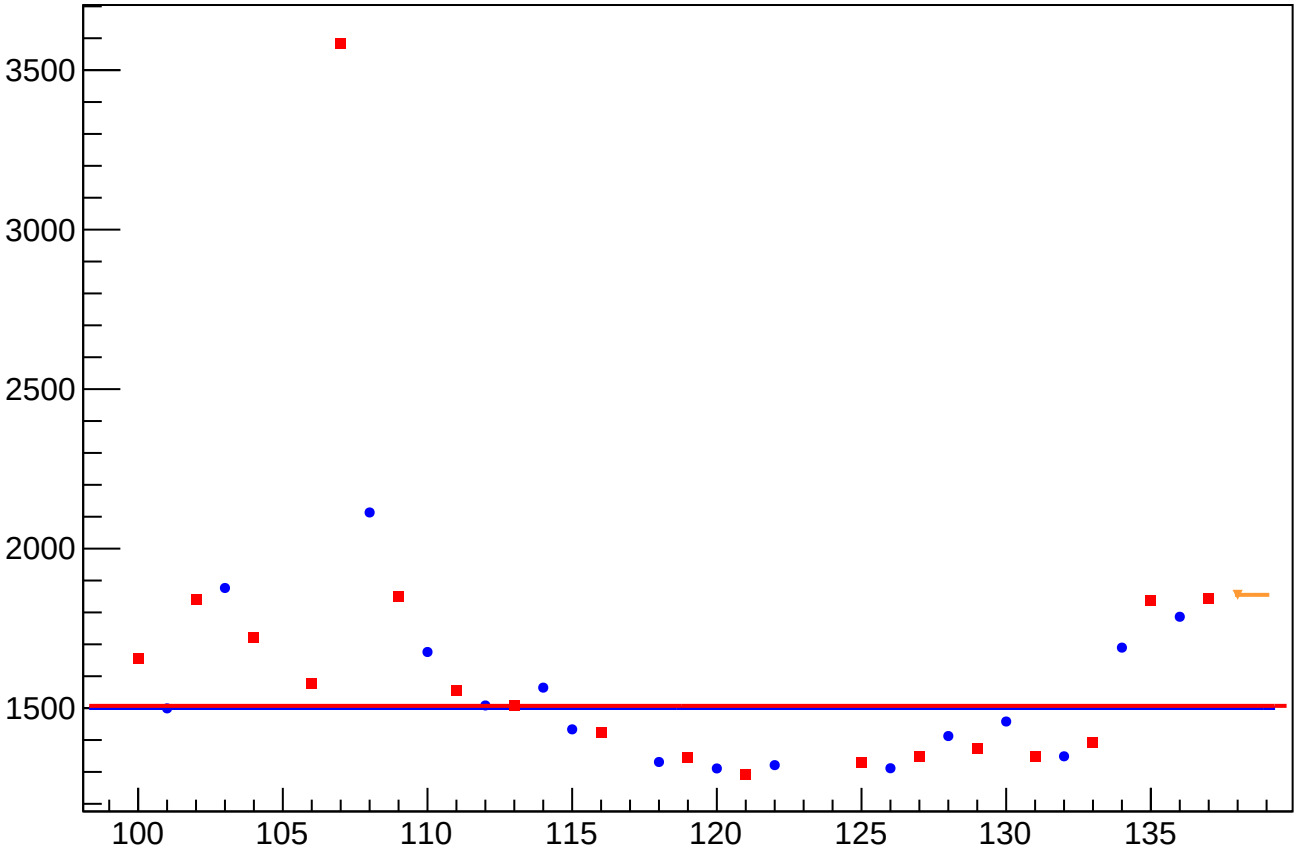
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2293.475+/-543.721 χ^2/NDF: 9.8/16

All: 446.625+/-391.293 χ^2/NDF: 52.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_rms vs Slug



Right In: 1500.377+/-0.398 χ^2/NDF: 258792.8/15

Left Out: 1855.118+/-1.489 χ^2/NDF:0.0/0

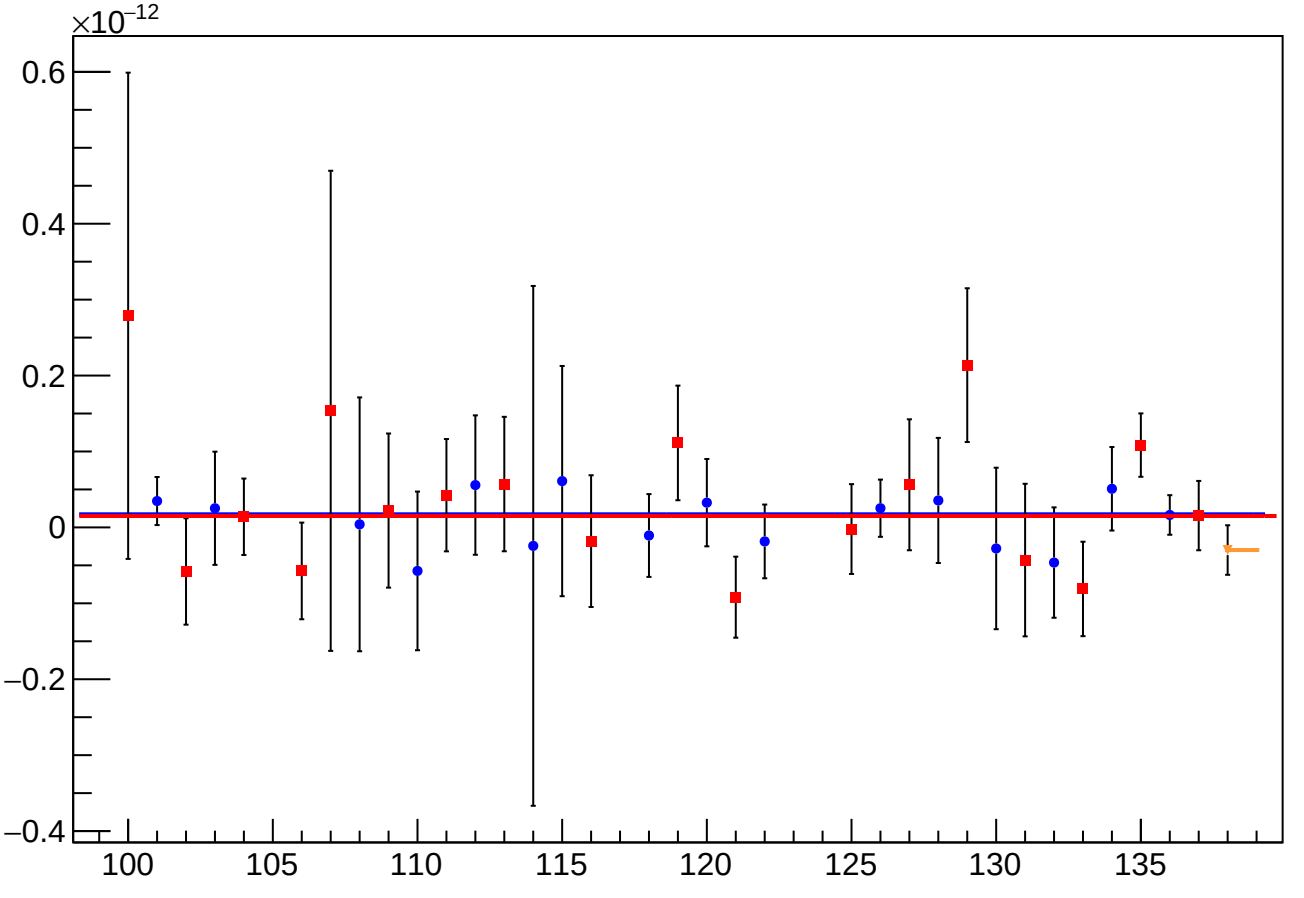
Right Out: 1507.098+/-0.398 χ^2/NDF: 401227.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1524.017+/-0.384 χ^2/NDF: 311744.5/16

All: 1515.860+/-0.277 χ^2/NDF: 713905.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

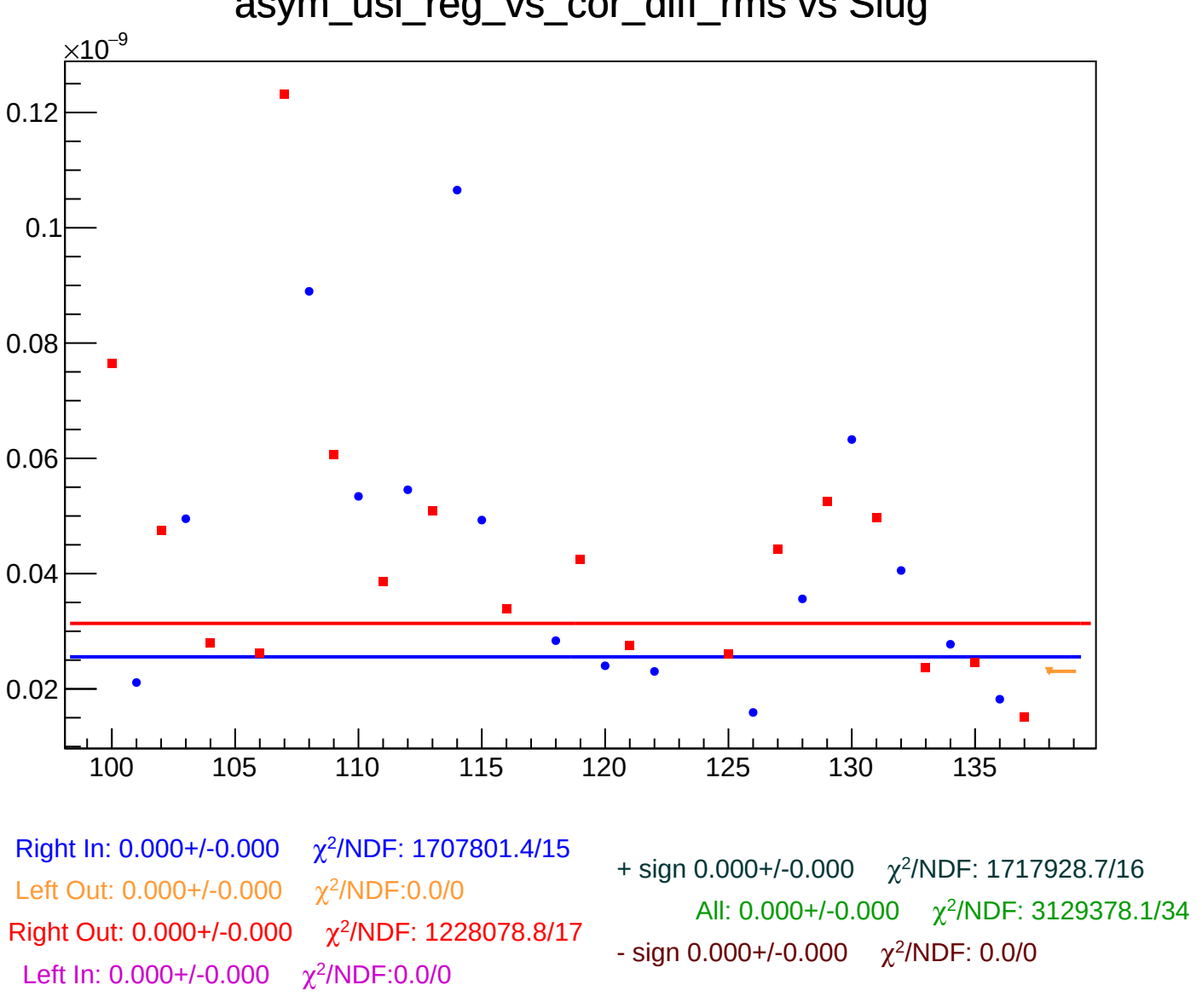
Right Out: 0.000+/-0.000 χ^2/NDF: 21.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

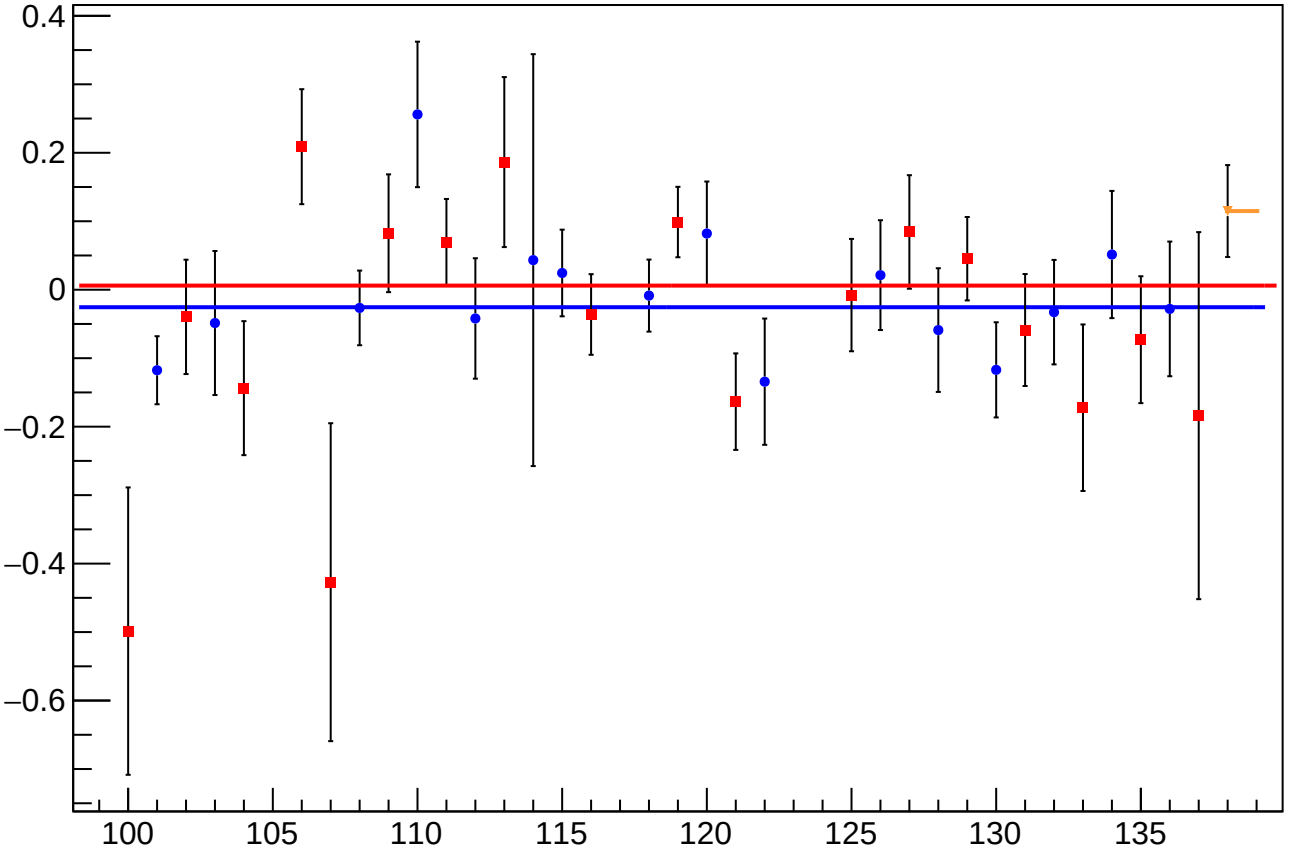
+ sign 0.000+/-0.000 χ^2/NDF: 5.2/16

All: 0.000+/-0.000 χ^2/NDF: 26.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usl_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1707801.4/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1228078.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1717928.7/16
All: 0.000+/-0.000 χ²/NDF: 3129378.1/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.026+/-0.019 χ^2/NDF: 17.6/15

Left Out: 0.115+/-0.067 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.019 χ^2/NDF: 36.5/17

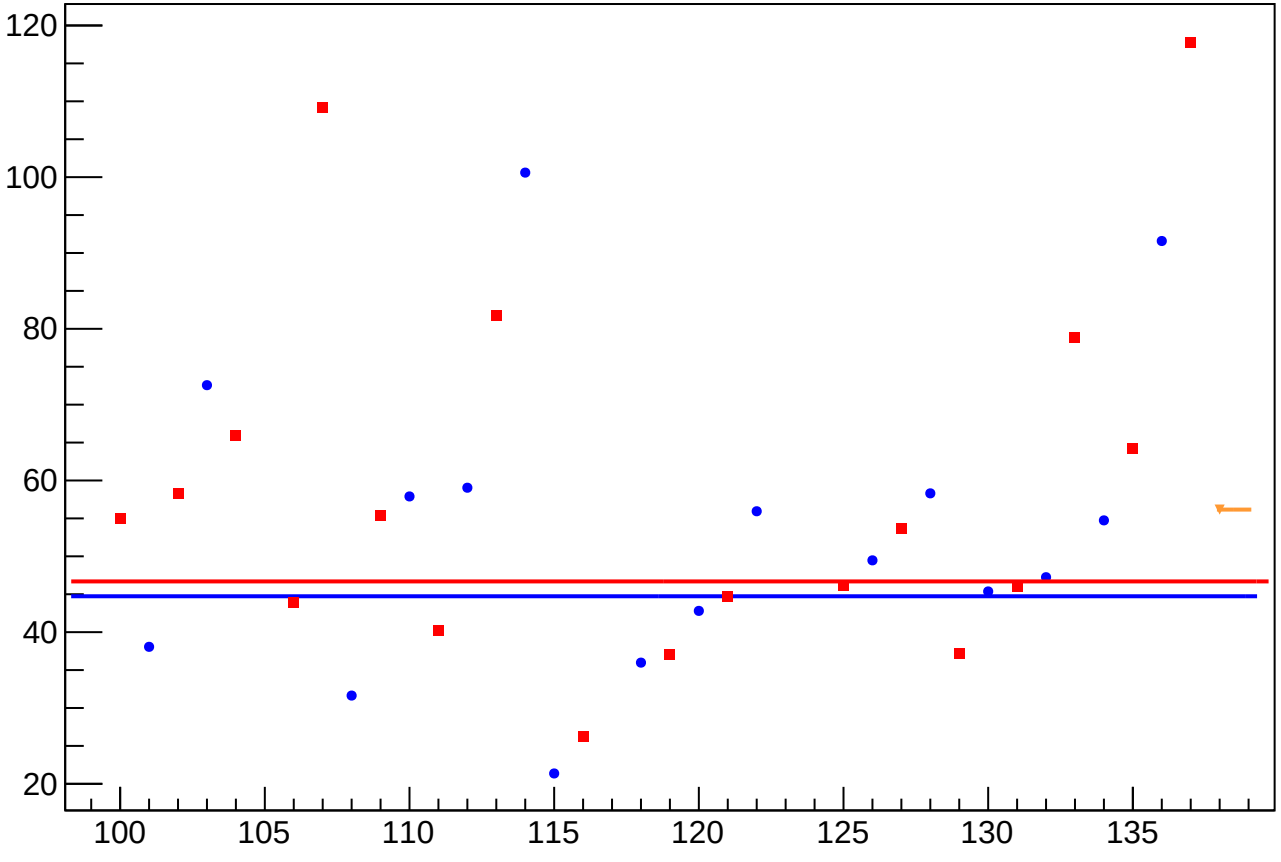
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.015+/-0.018 χ^2/NDF: 21.7/16

All: -0.005+/-0.013 χ^2/NDF: 58.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 44.733+/-0.013 χ^2/NDF: 1334541.9/15

Left Out: 56.163+/-0.047 χ^2/NDF:0.0/0

Right Out: 46.691+/-0.014 χ^2/NDF: 1195464.6/17

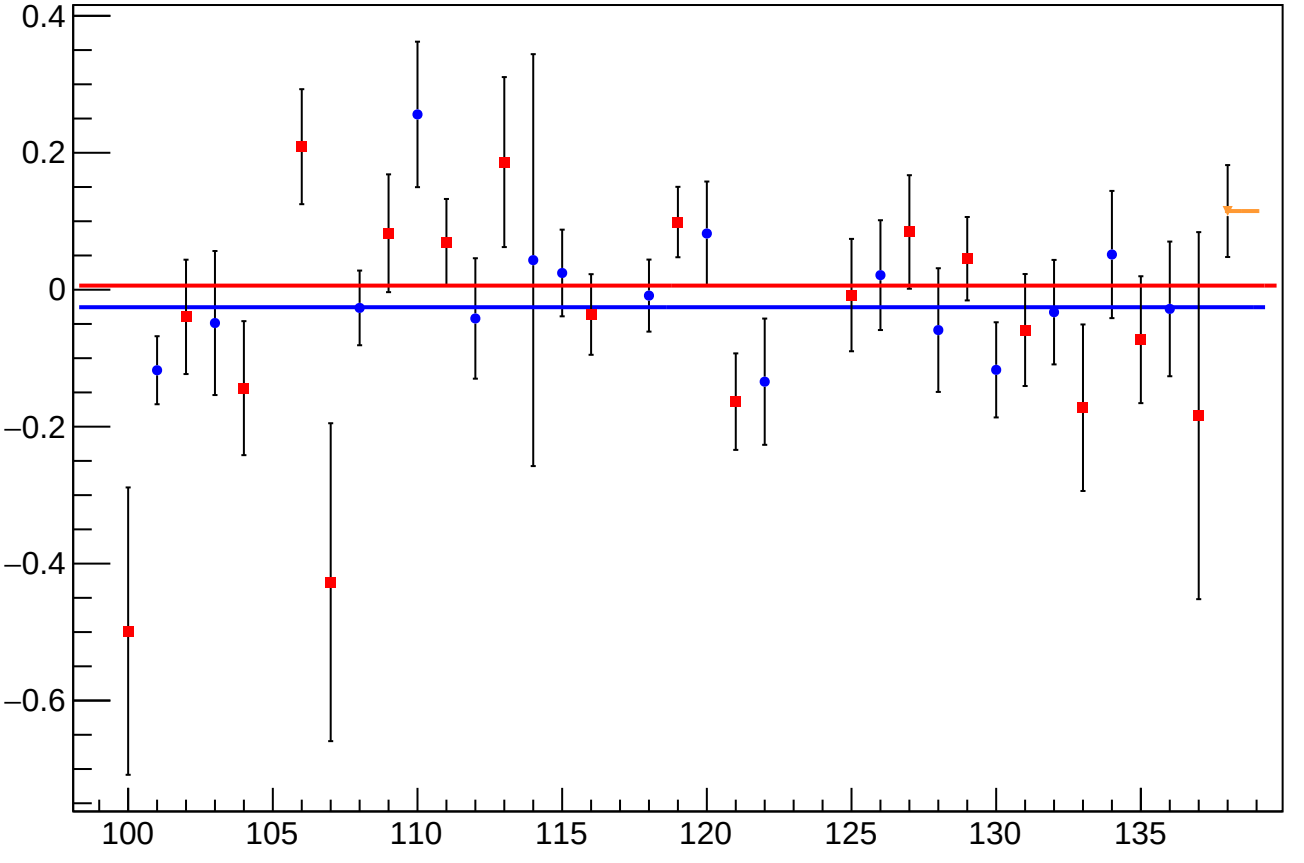
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.561+/-0.013 χ^2/NDF: 1388303.8/16

All: 46.086+/-0.009 χ^2/NDF: 2587396.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026+/-0.019 χ^2/NDF: 17.6/15

Left Out: 0.115+/-0.067 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.019 χ^2/NDF: 36.5/17

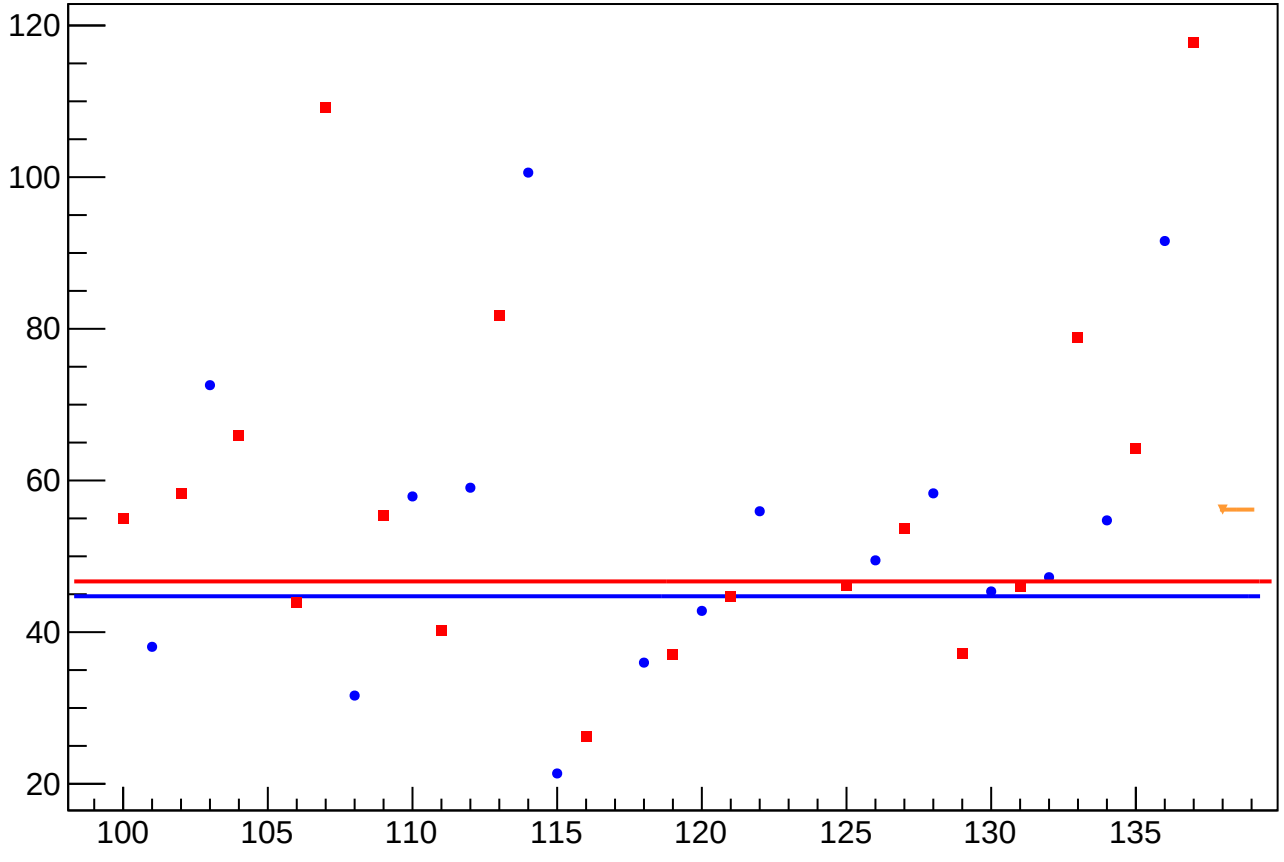
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.015+/-0.018 χ^2/NDF: 21.7/16

All: -0.005+/-0.013 χ^2/NDF: 58.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 44.733+/-0.013 χ^2/NDF: 1334541.9/15

Left Out: 56.163+/-0.047 χ^2/NDF:0.0/0

Right Out: 46.691+/-0.014 χ^2/NDF: 1195464.6/17

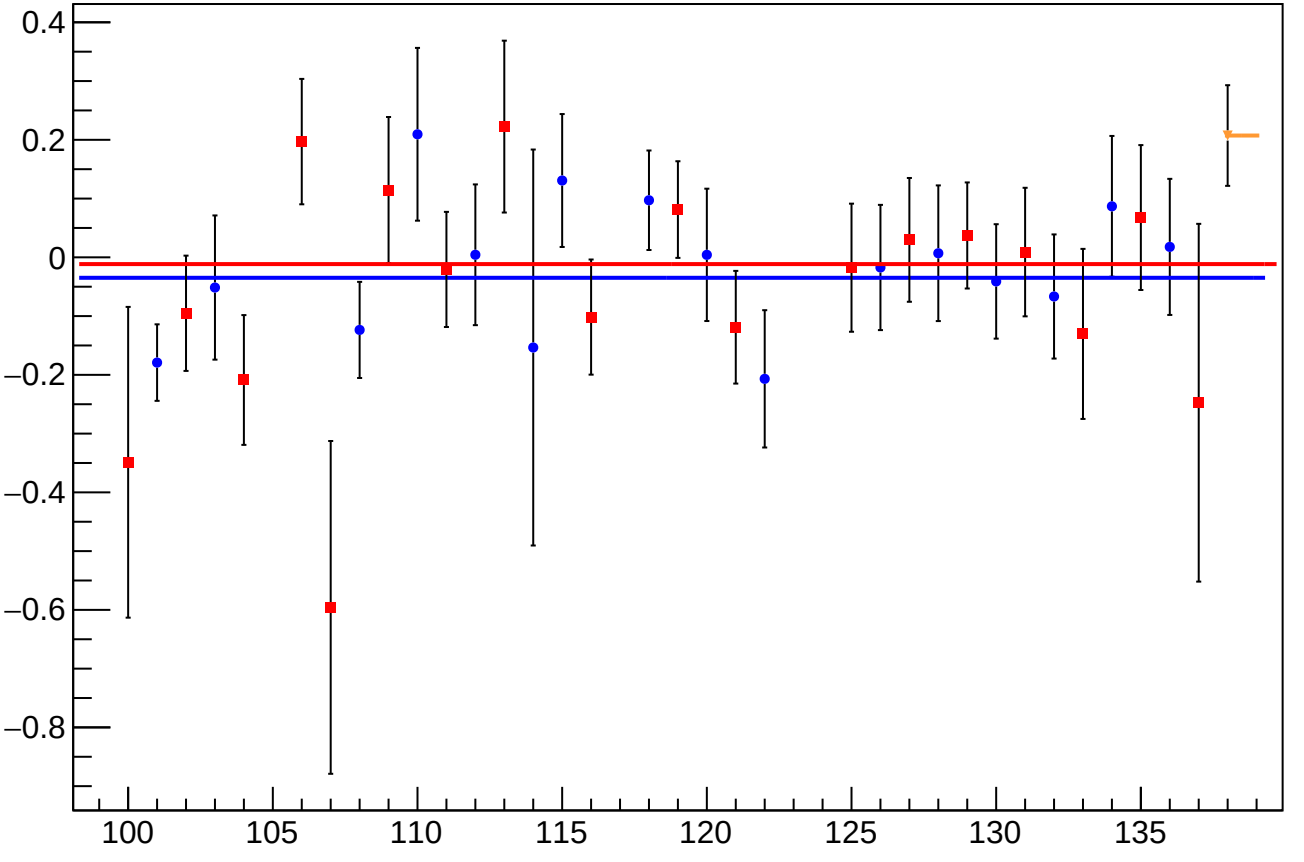
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.561+/-0.013 χ^2/NDF: 1388303.8/16

All: 46.086+/-0.009 χ^2/NDF: 2587396.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.035+/-0.026 χ^2/NDF: 17.4/15

Left Out: 0.207+/-0.086 χ^2/NDF:0.0/0

Right Out: -0.012+/-0.027 χ^2/NDF: 22.8/17

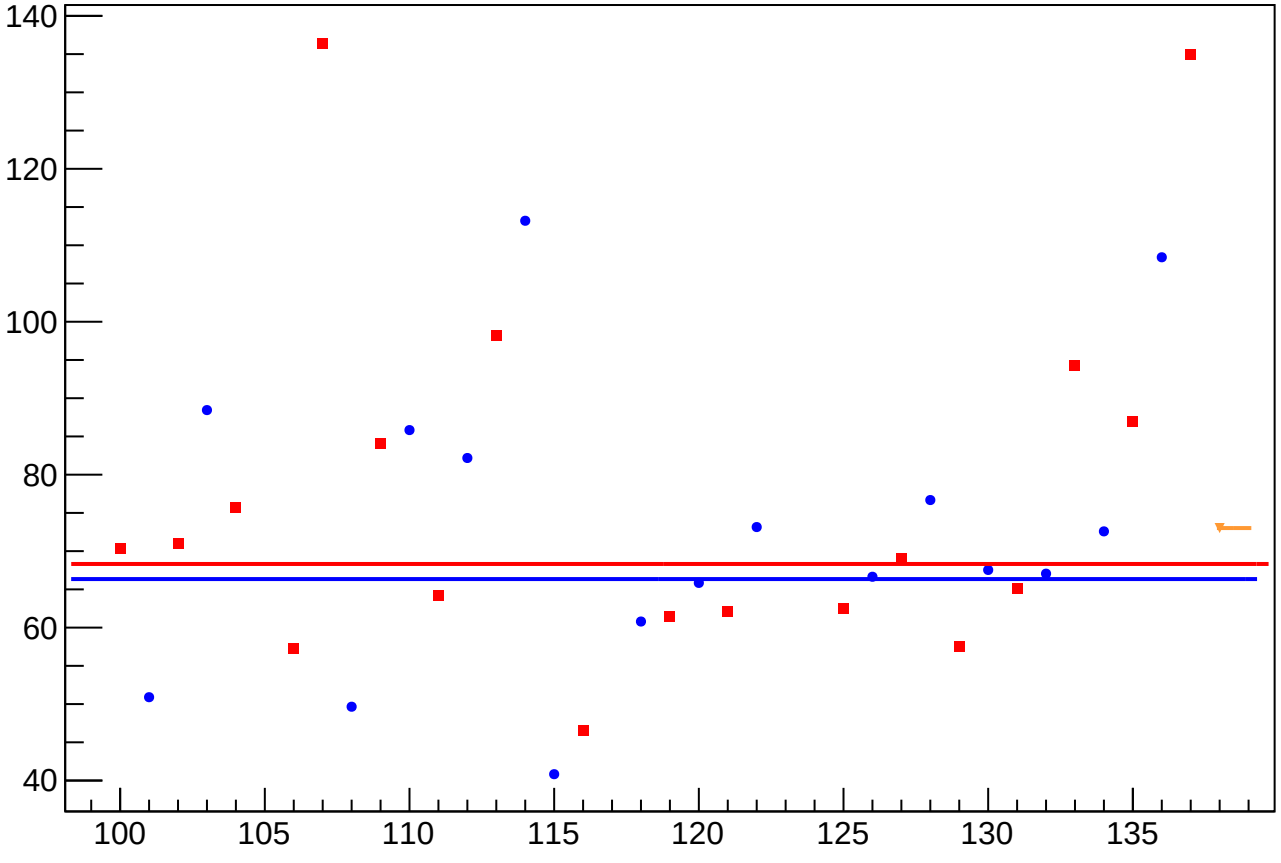
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.025 χ^2/NDF: 24.7/16

All: -0.013+/-0.018 χ^2/NDF: 47.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 66.348+/-0.019 χ^2/NDF: 772653.3/15

Left Out: 73.018+/-0.061 χ^2/NDF:0.0/0

Right Out: 68.322+/-0.019 χ^2/NDF: 629670.0/17

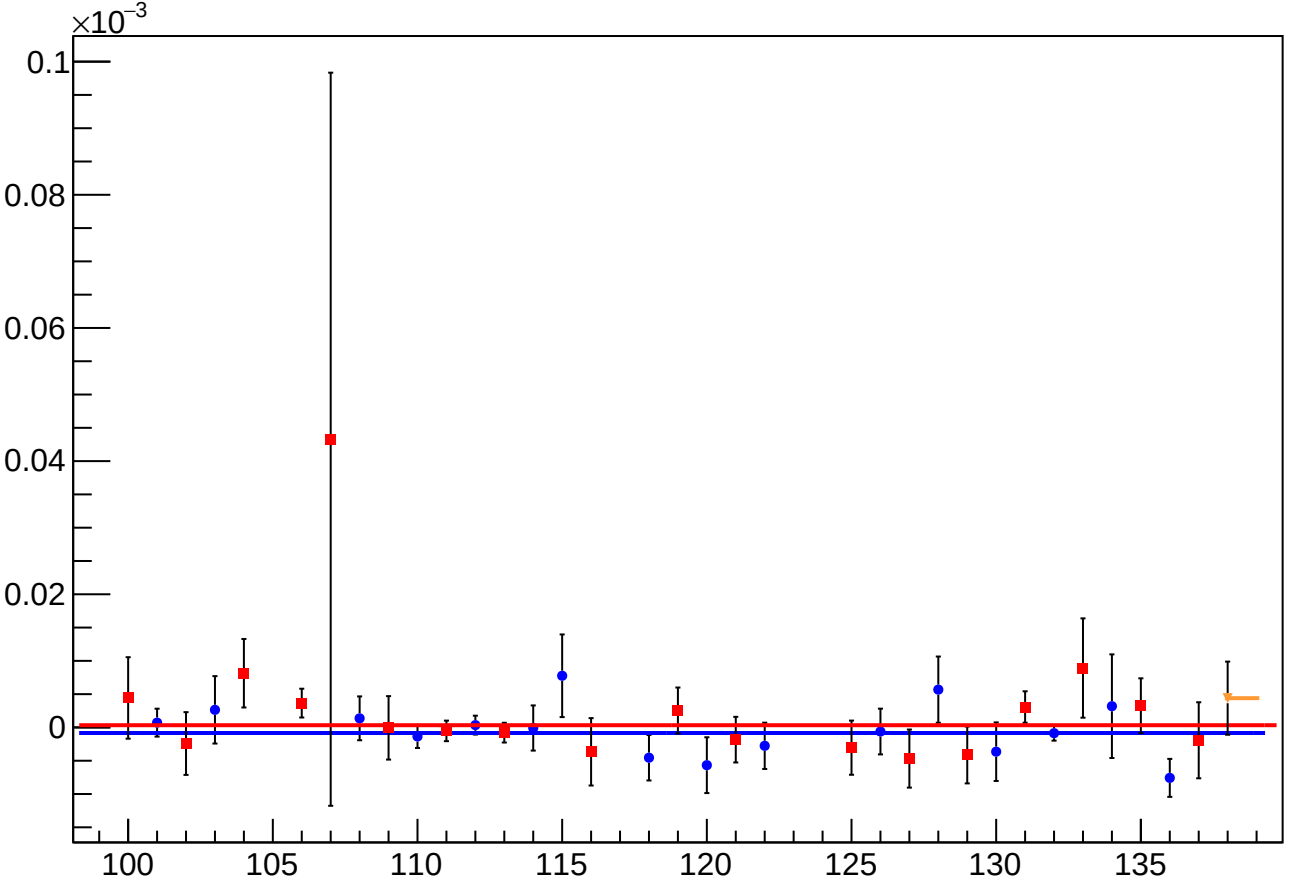
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 66.922+/-0.018 χ^2/NDF: 783736.4/16

All: 67.574+/-0.013 χ^2/NDF: 1416300.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 14.8/17

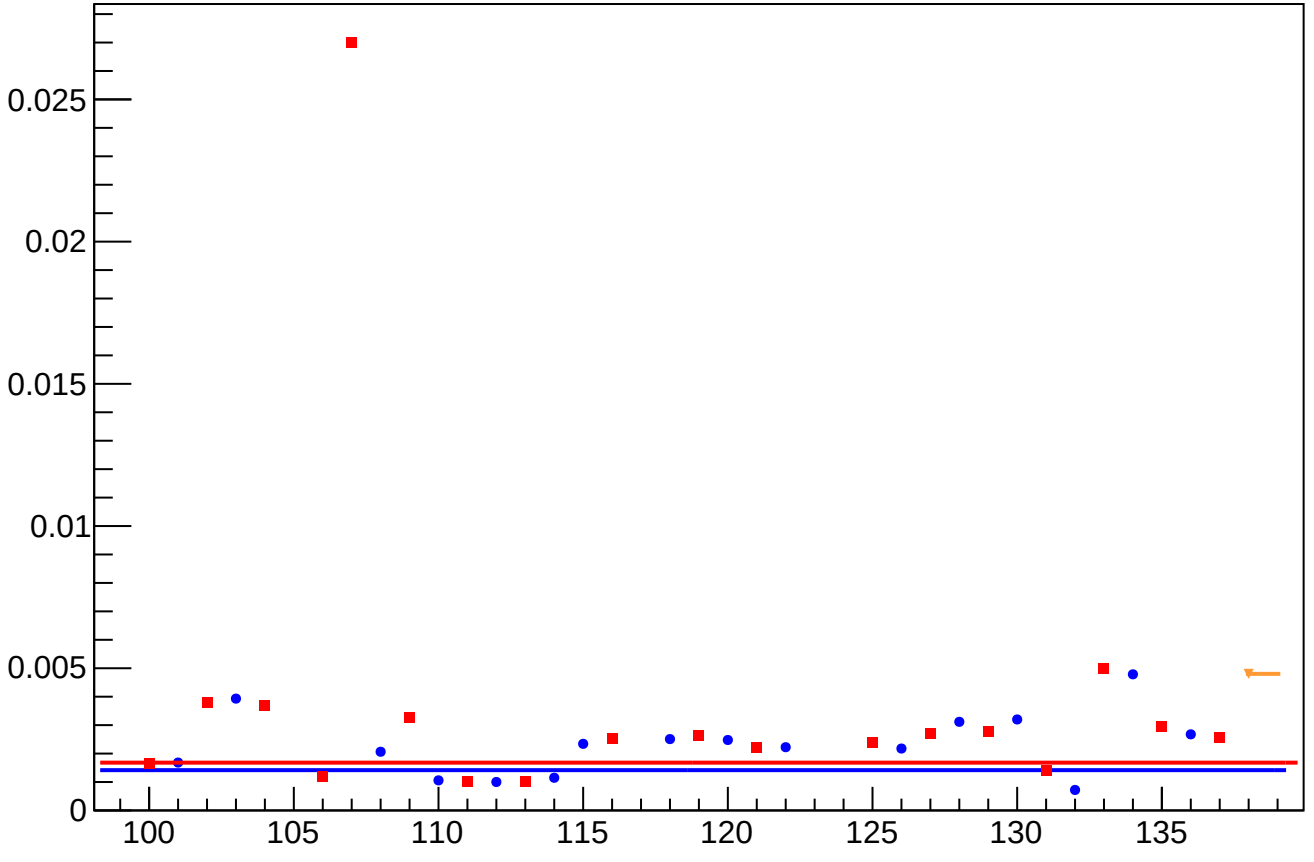
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.9/16

All: -0.000+/-0.000 χ^2/NDF: 32.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 3547259.2/15

Left Out: 0.005+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF: 3427218.5/17

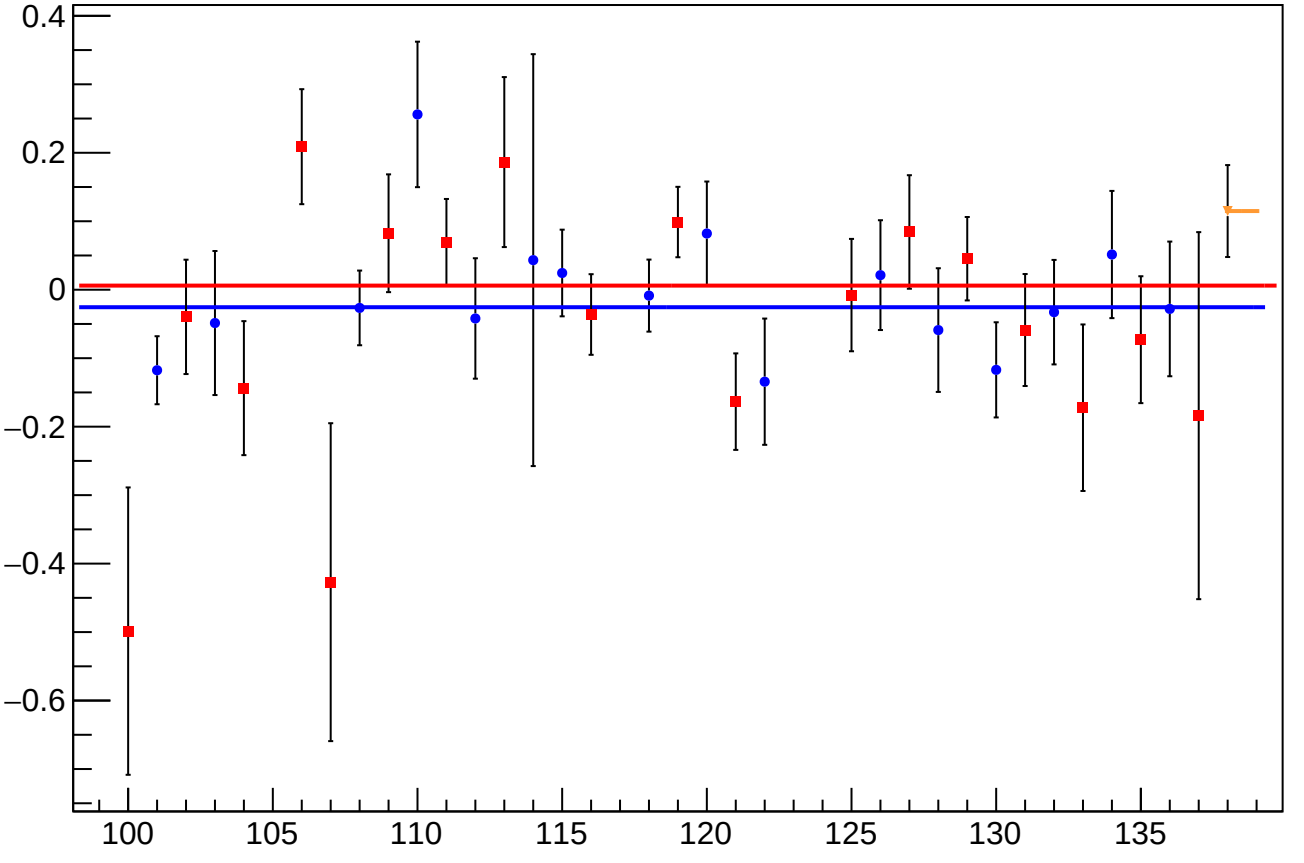
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 4297670.7/16

All: 0.002+/-0.000 χ^2/NDF: 7834563.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.026+/-0.019 χ^2/NDF: 17.6/15

Left Out: 0.115+/-0.067 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.019 χ^2/NDF: 36.5/17

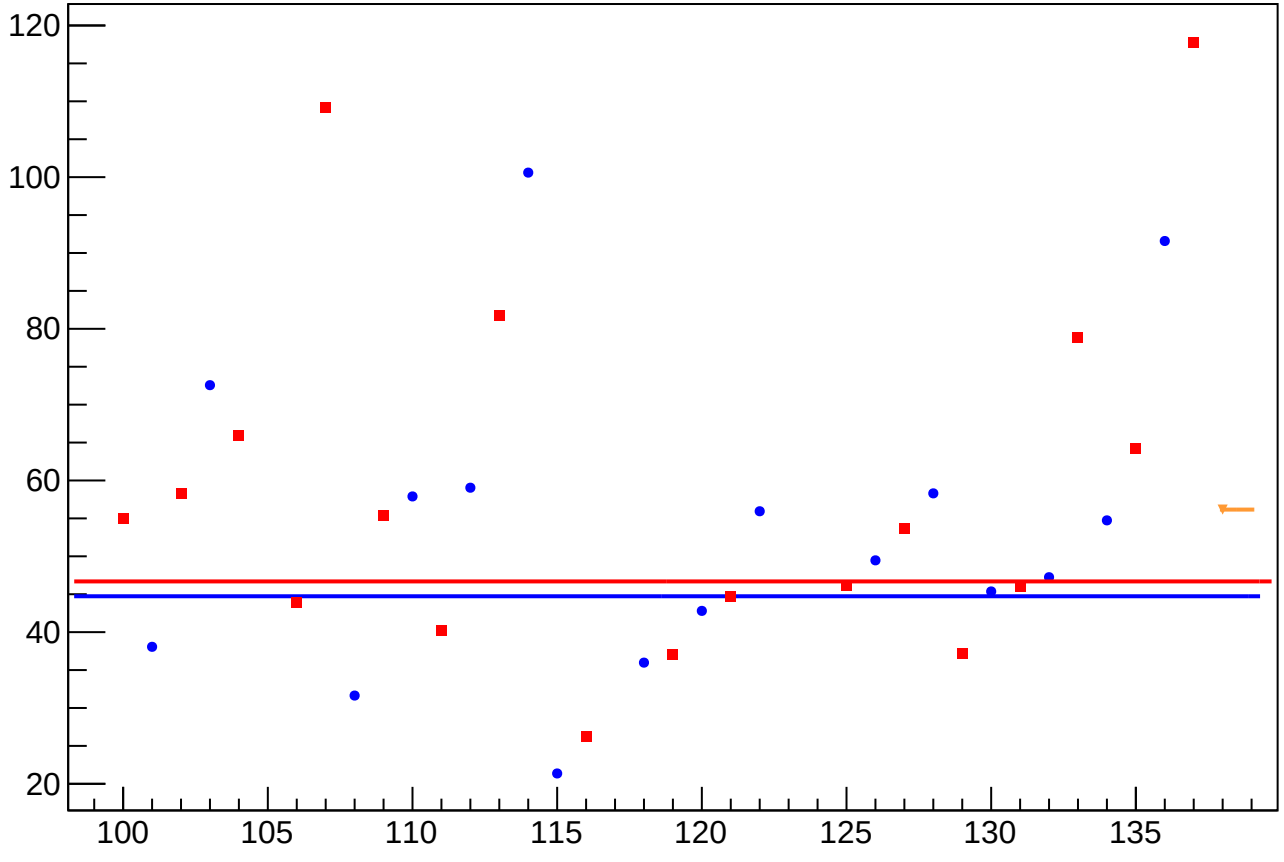
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.015+/-0.018 χ^2/NDF: 21.7/16

All: -0.005+/-0.013 χ^2/NDF: 58.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 44.732+/-0.013 χ^2/NDF: 1334604.0/15

Left Out: 56.162+/-0.047 χ^2/NDF:0.0/0

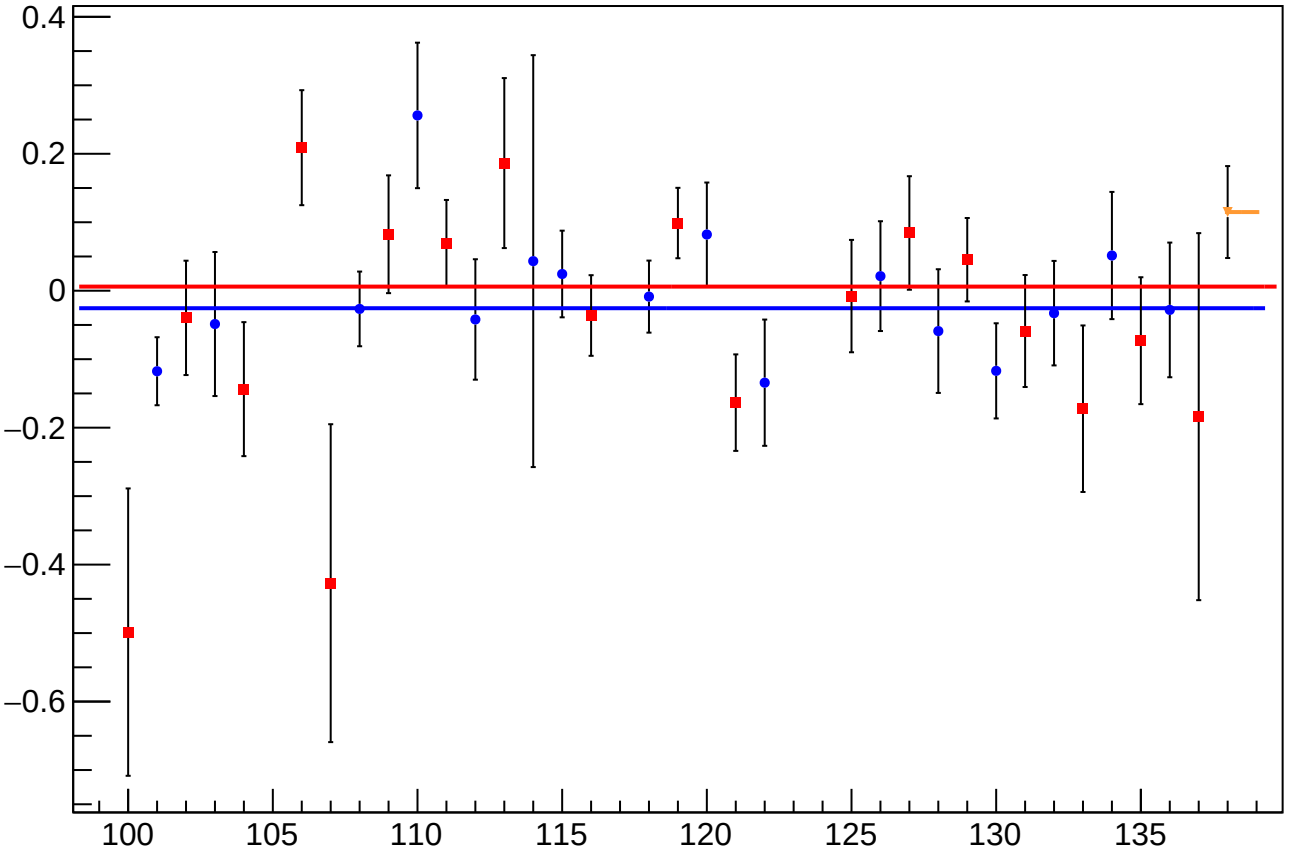
Right Out: 46.690+/-0.014 χ^2/NDF: 1195504.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.561+/-0.013 χ^2/NDF: 1388369.6/16

All: 46.085+/-0.009 χ^2/NDF: 2587502.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.026+/-0.019 χ^2/NDF: 17.6/15

Left Out: 0.115+/-0.067 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.019 χ^2/NDF: 36.5/17

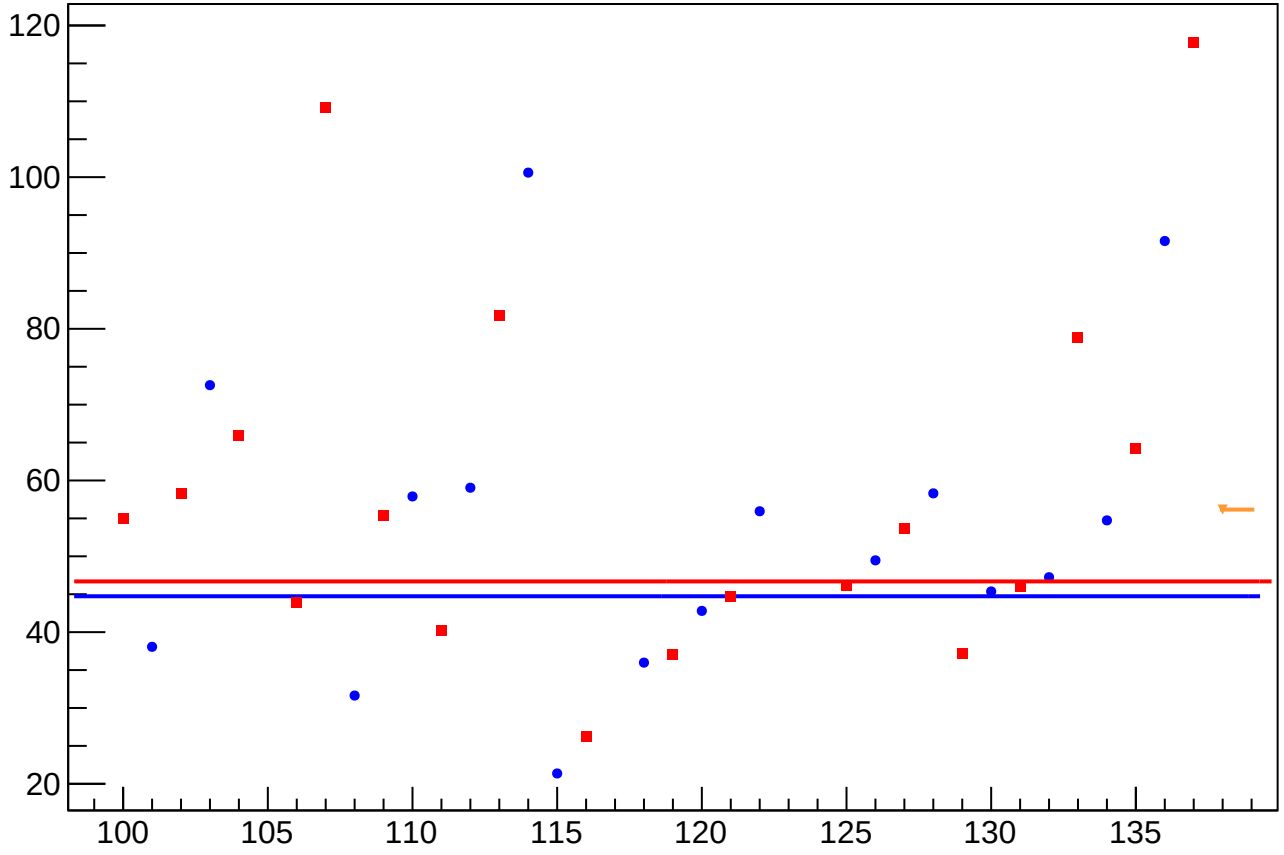
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.015+/-0.018 χ^2/NDF: 21.7/16

All: -0.005+/-0.013 χ^2/NDF: 58.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 44.732+/-0.013 χ^2/NDF: 1334604.0/15

Left Out: 56.162+/-0.047 χ^2/NDF:0.0/0

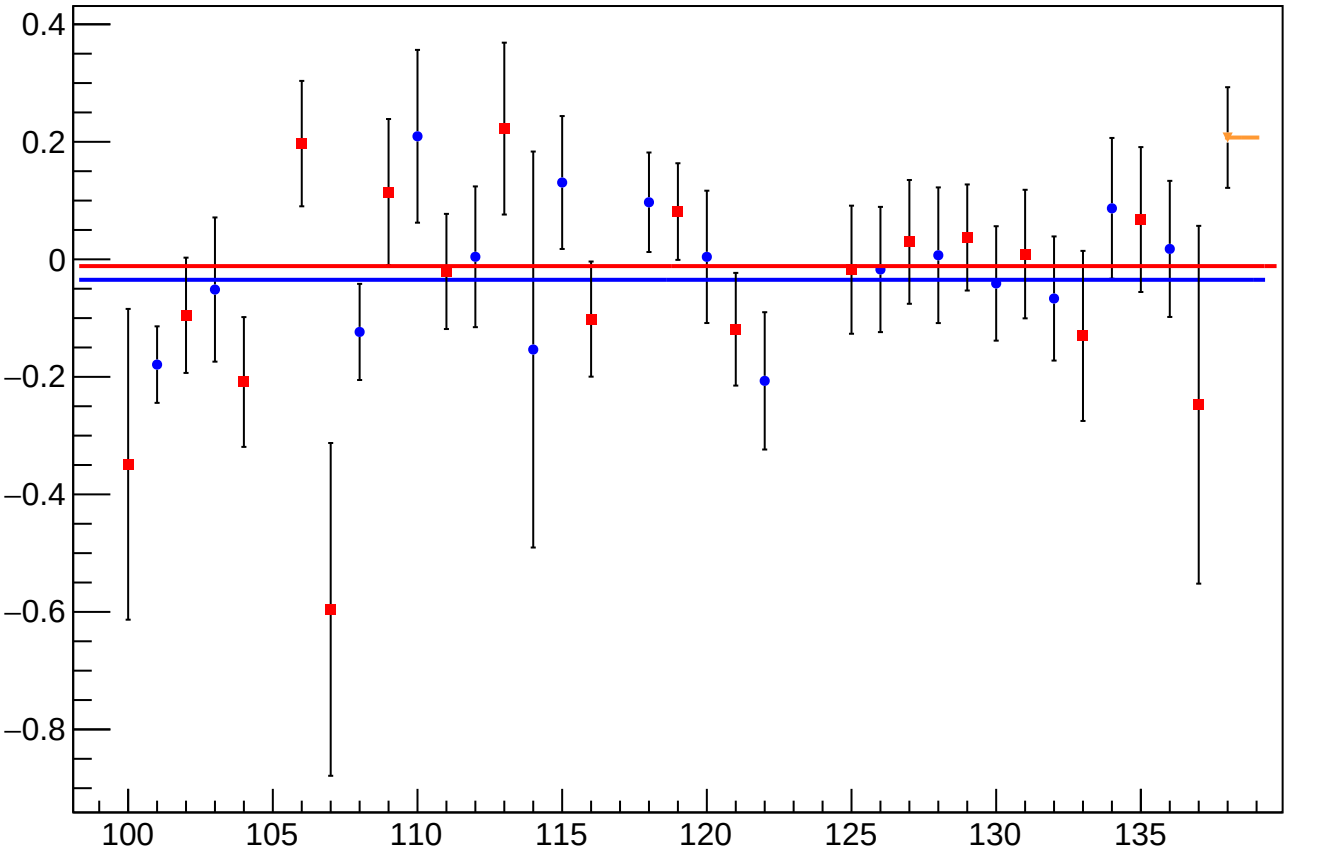
Right Out: 46.690+/-0.014 χ^2/NDF: 1195504.1/17

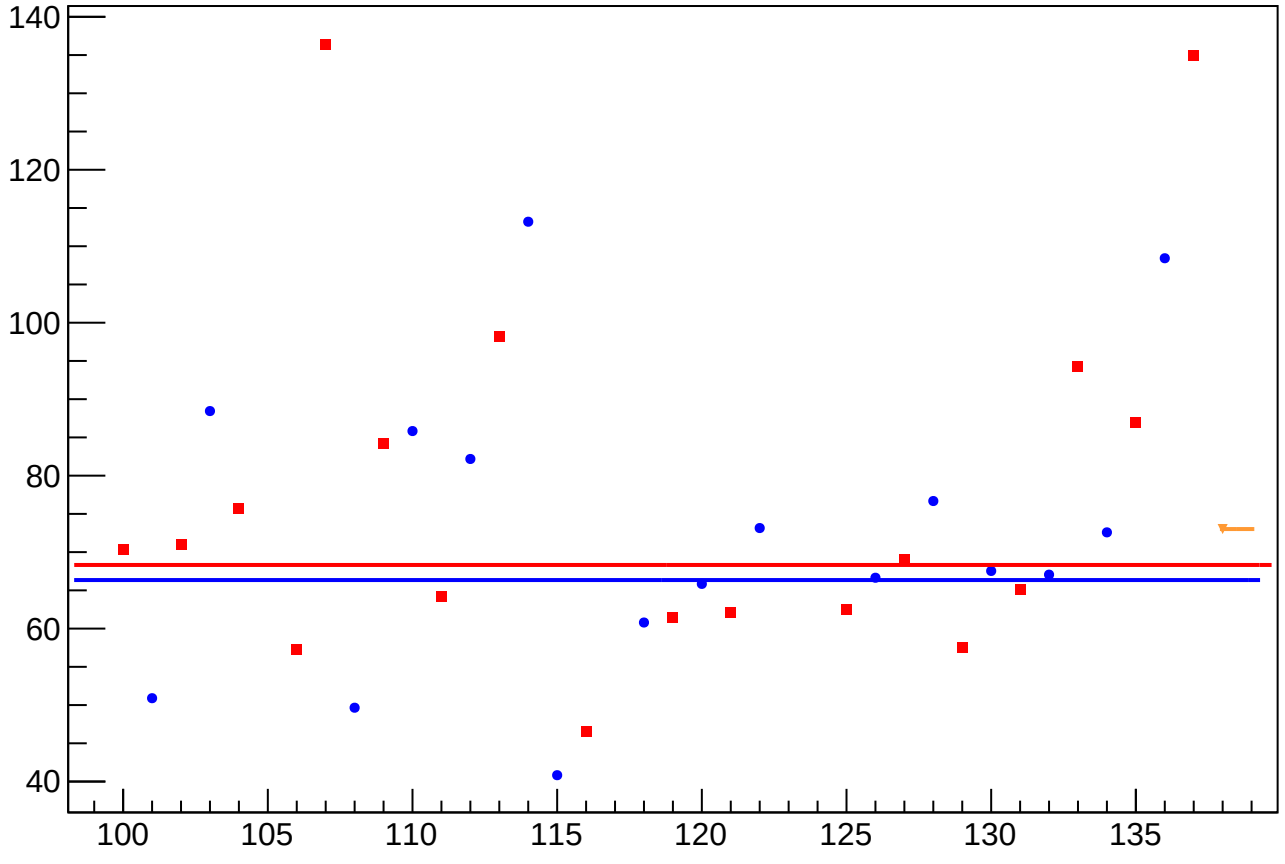
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.561+/-0.013 χ^2/NDF: 1388369.6/16

All: 46.085+/-0.009 χ^2/NDF: 2587502.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
100
105
110
115
120
125
130
135
Right In: -0.035+/-0.026 χ²/NDF: 17.4/15
Left Out: 0.207+/-0.086 χ²/NDF:0.0/0
Right Out: -0.012+/-0.027 χ²/NDF: 22.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.014+/-0.025 χ²/NDF: 24.7/16
All: -0.013+/-0.018 χ²/NDF: 47.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 66.348+/-0.019 χ^2/NDF: 772660.4/15

Left Out: 73.018+/-0.061 χ^2/NDF:0.0/0

Right Out: 68.321+/-0.019 χ^2/NDF: 629665.7/17

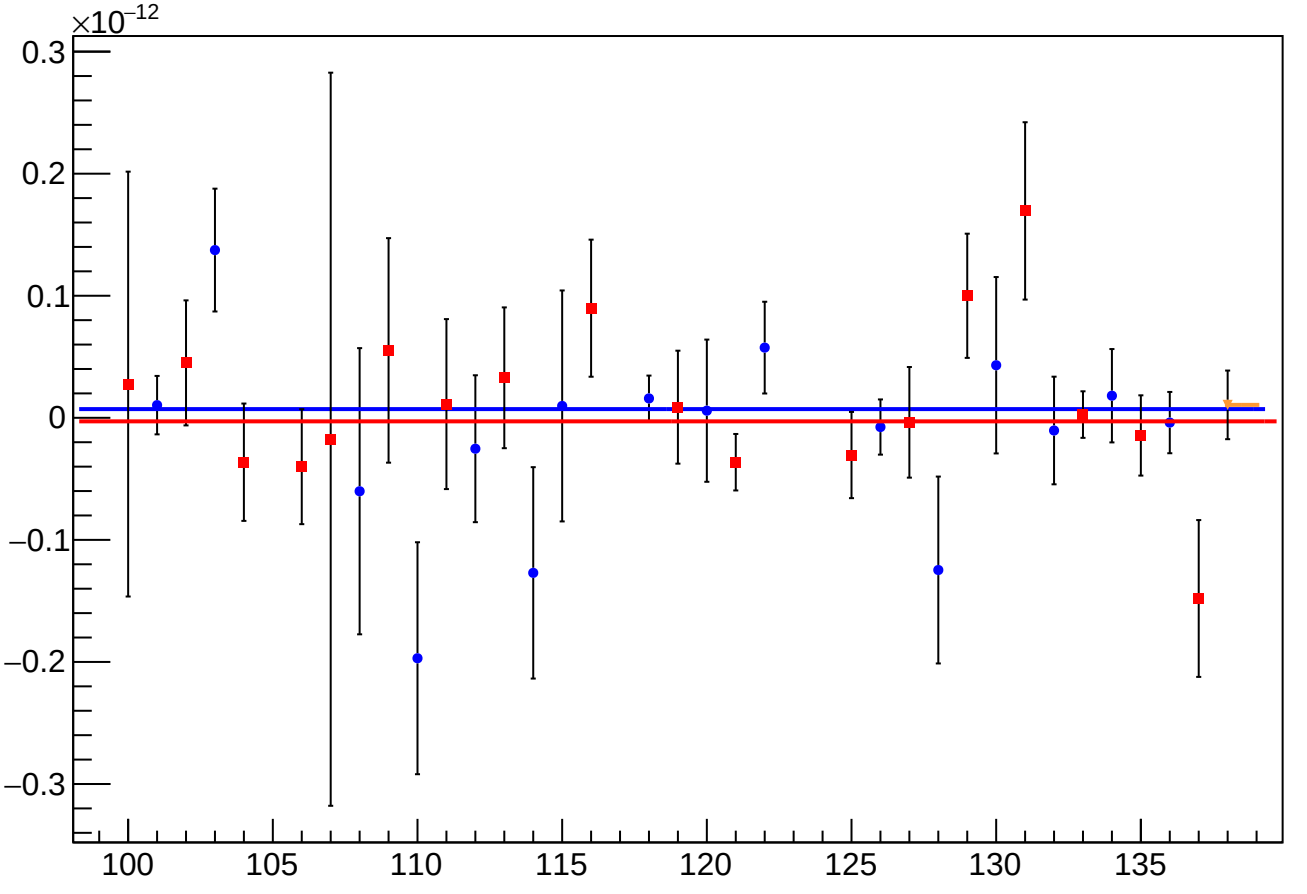
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 66.921+/-0.018 χ^2/NDF: 783743.8/16

All: 67.573+/-0.013 χ^2/NDF: 1416303.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

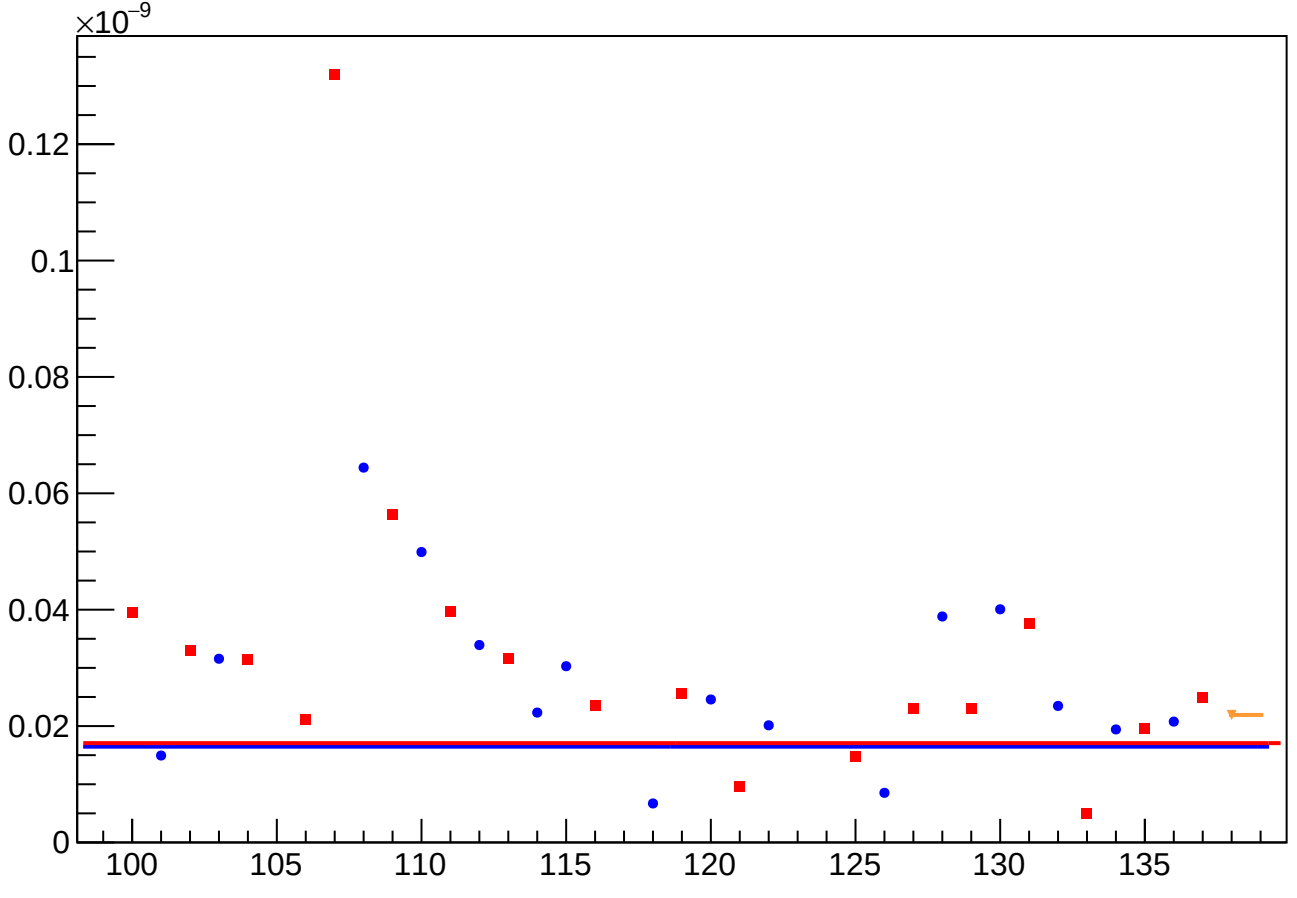
Right Out: -0.000+/-0.000 χ^2/NDF: 23.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 20.5/16

All: 0.000+/-0.000 χ^2/NDF: 44.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2345888.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2791354.7/17

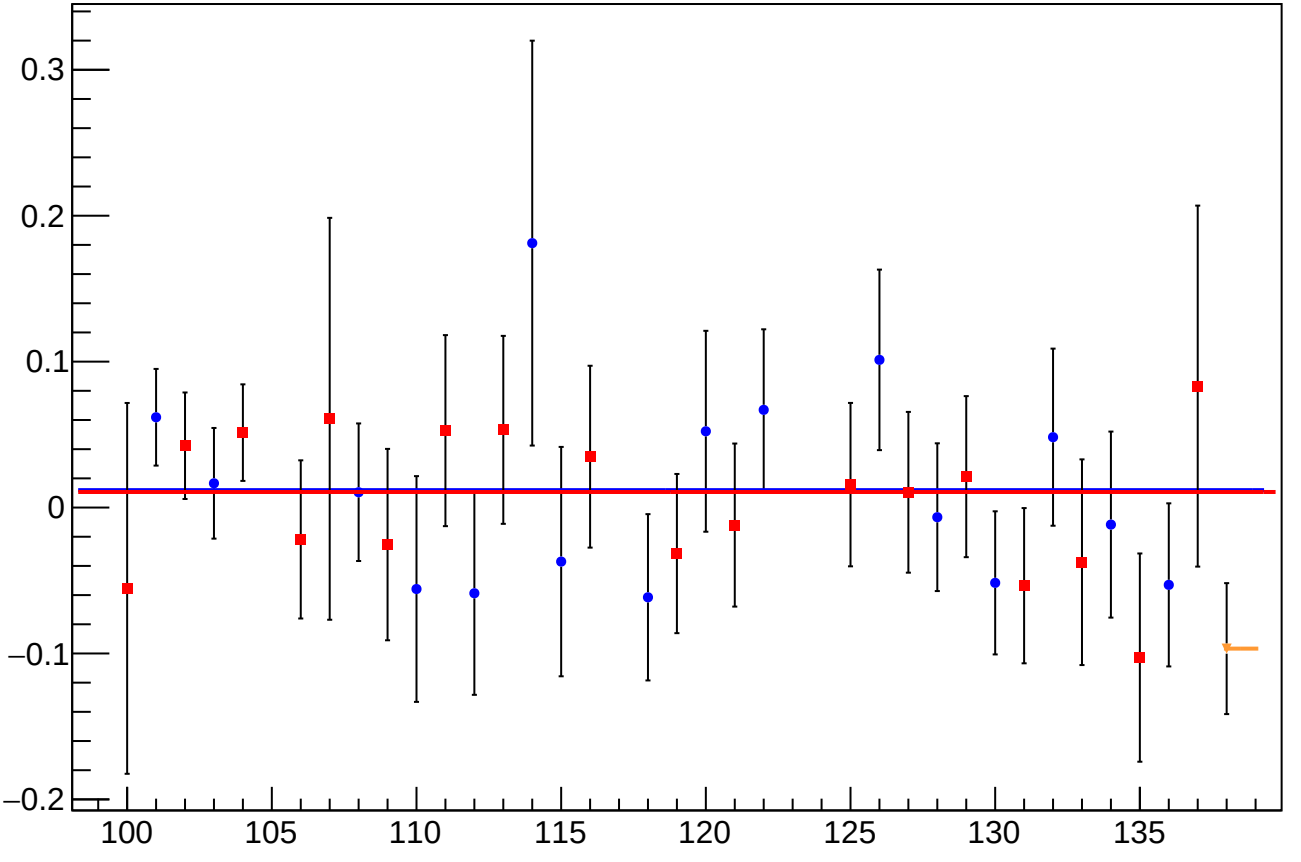
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2413845.7/16

All: 0.000+/-0.000 χ^2/NDF: 5205272.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.012+/-0.014 χ^2/NDF: 14.7/15

Left Out: -0.097+/-0.045 χ^2/NDF:0.0/0

Right Out: 0.011+/-0.013 χ^2/NDF: 9.9/17

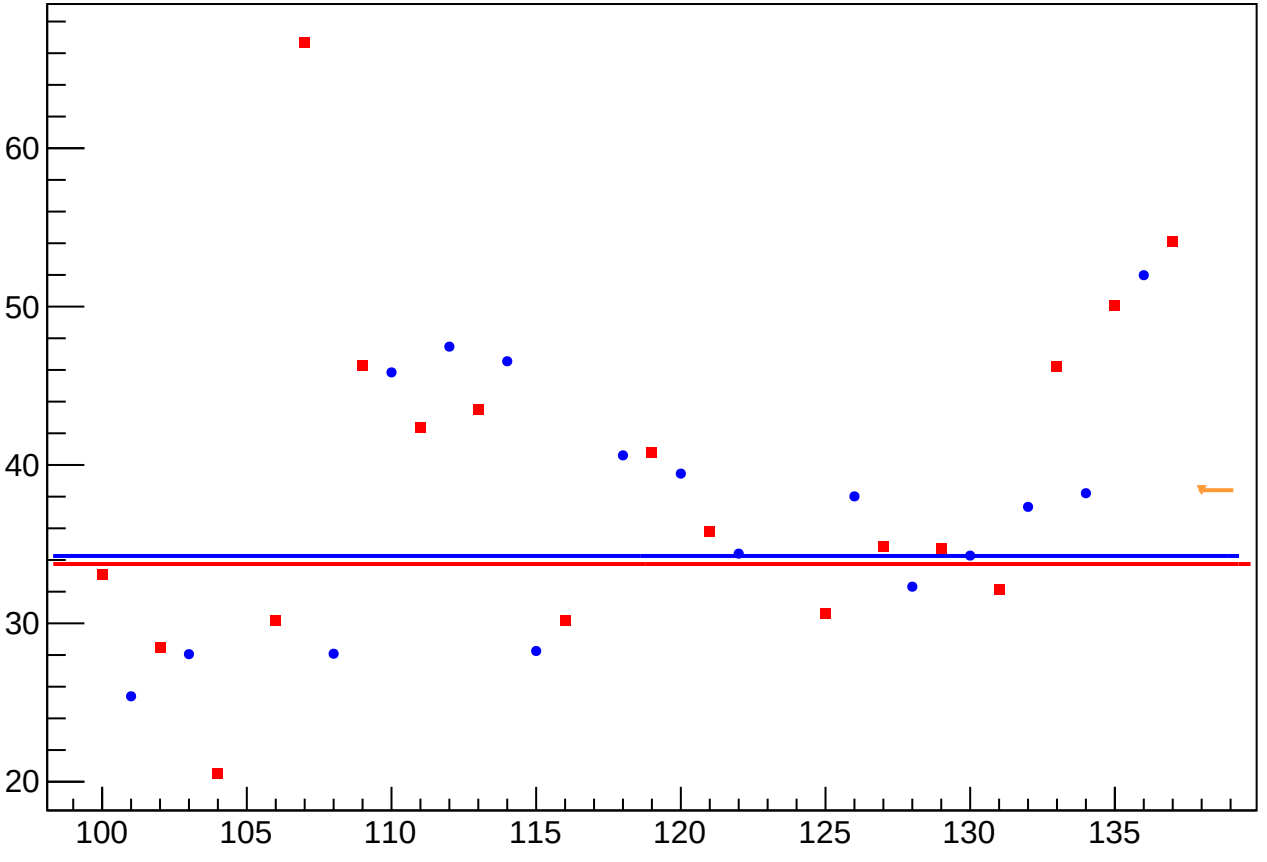
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.013 χ^2/NDF: 20.1/16

All: 0.007+/-0.009 χ^2/NDF: 30.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 34.254+/-0.010 χ^2/NDF: 636017.1/15

Left Out: 38.407+/-0.032 χ^2/NDF:0.0/0

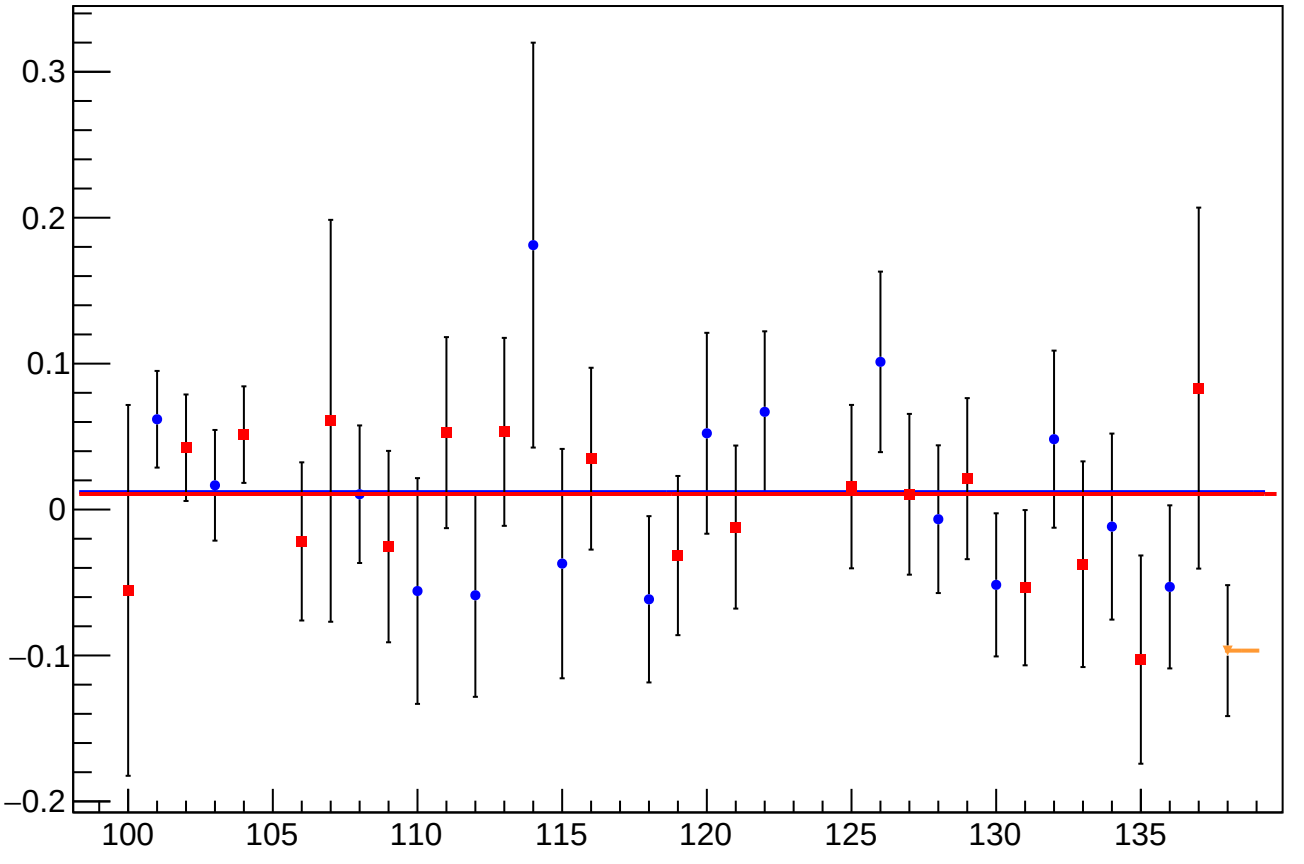
Right Out: 33.746+/-0.010 χ^2/NDF: 911938.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.604+/-0.009 χ^2/NDF: 651704.8/16

All: 34.189+/-0.007 χ^2/NDF: 1567850.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.012+/-0.014 χ^2/NDF: 14.7/15

Left Out: -0.097+/-0.045 χ^2/NDF:0.0/0

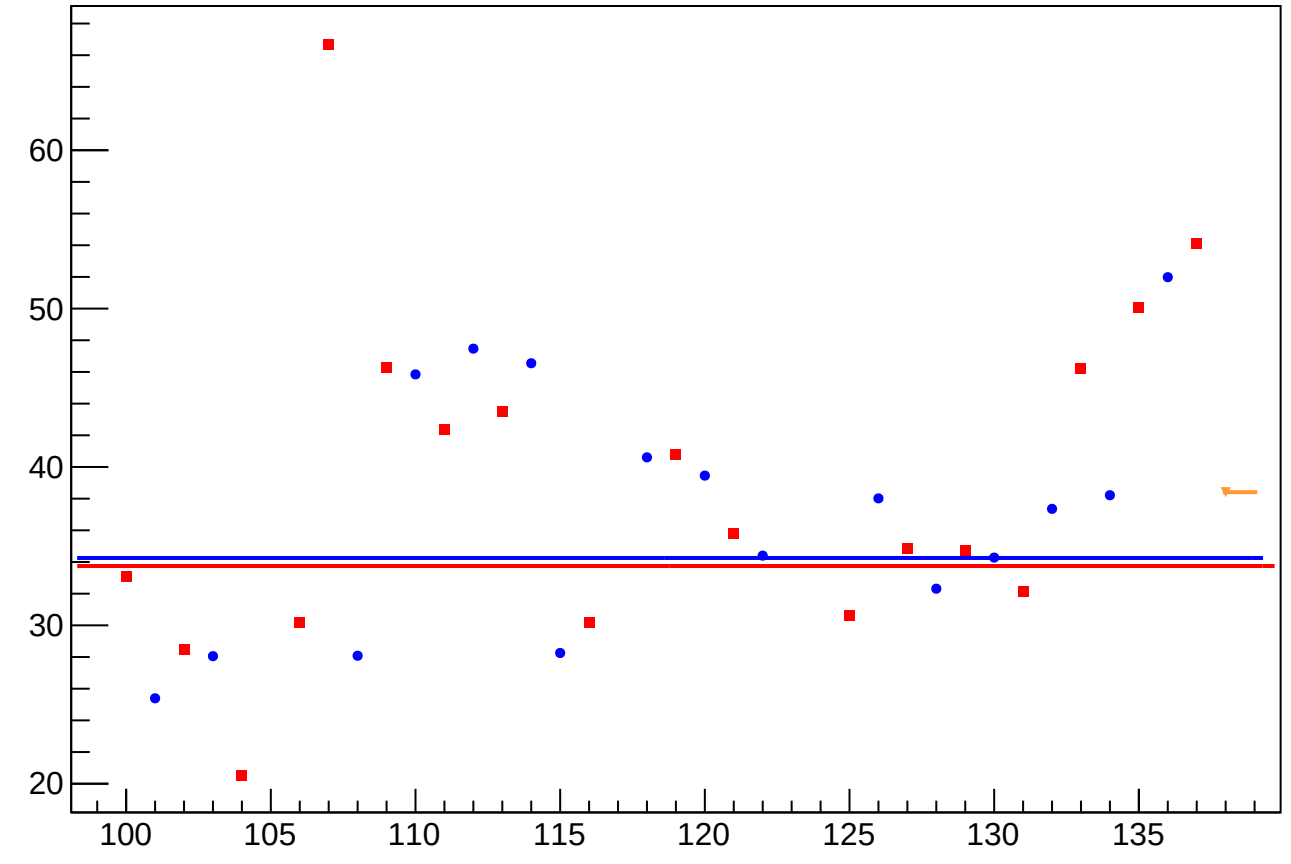
Right Out: 0.011+/-0.013 χ^2/NDF: 9.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.013 χ^2/NDF: 20.1/16

All: 0.007+/-0.009 χ^2/NDF: 30.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.254+/-0.010 χ^2/NDF: 636017.1/15

Left Out: 38.407+/-0.032 χ^2/NDF:0.0/0

Right Out: 33.746+/-0.010 χ^2/NDF: 911938.6/17

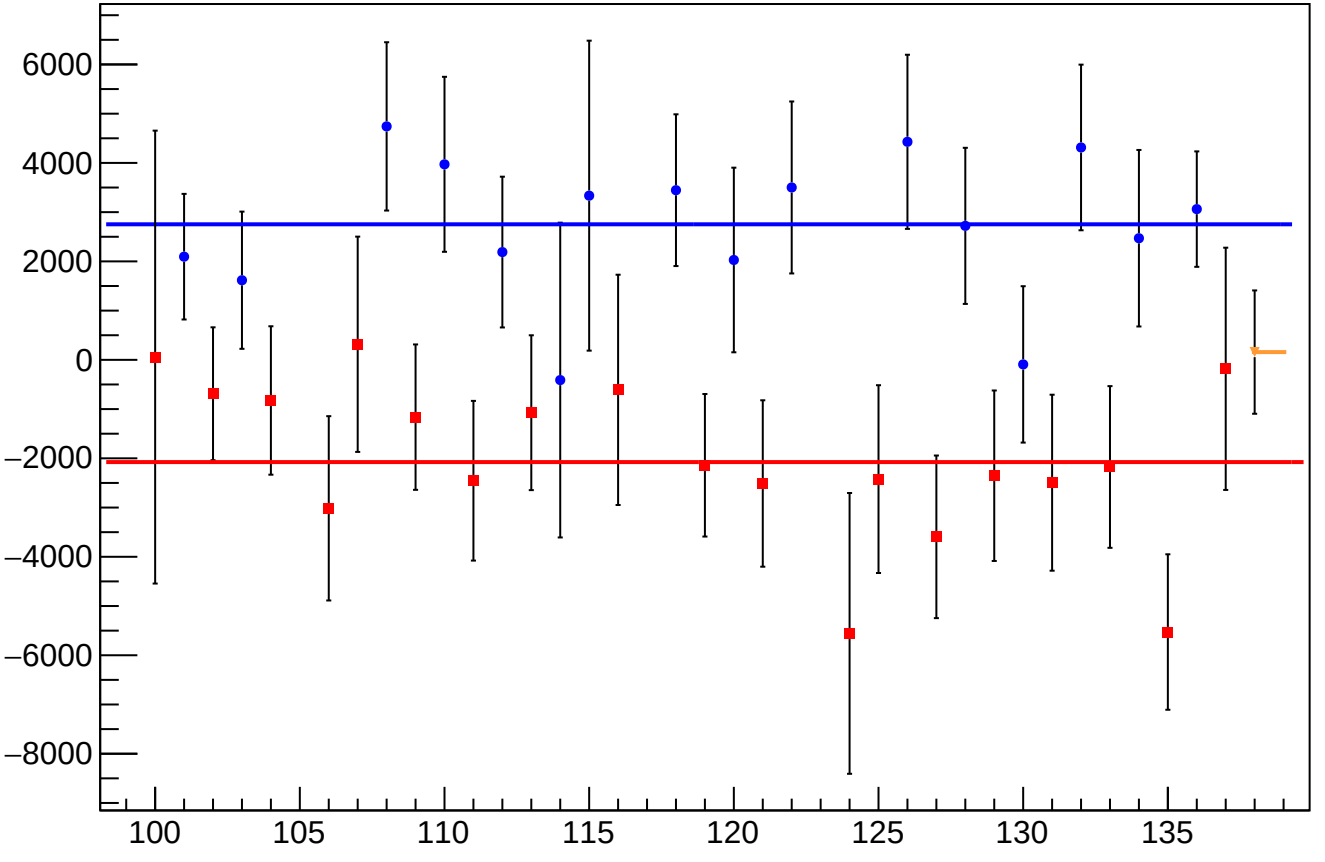
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.604+/-0.009 χ^2/NDF: 651704.8/16

All: 34.189+/-0.007 χ^2/NDF: 1567850.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2753.123+/-409.837 χ^2/NDF: 9.5/15

Left Out: 157.600+/-1252.509 χ^2/NDF:0.0/0

Right Out: -2076.471+/-403.796 χ^2/NDF: 12.5/18

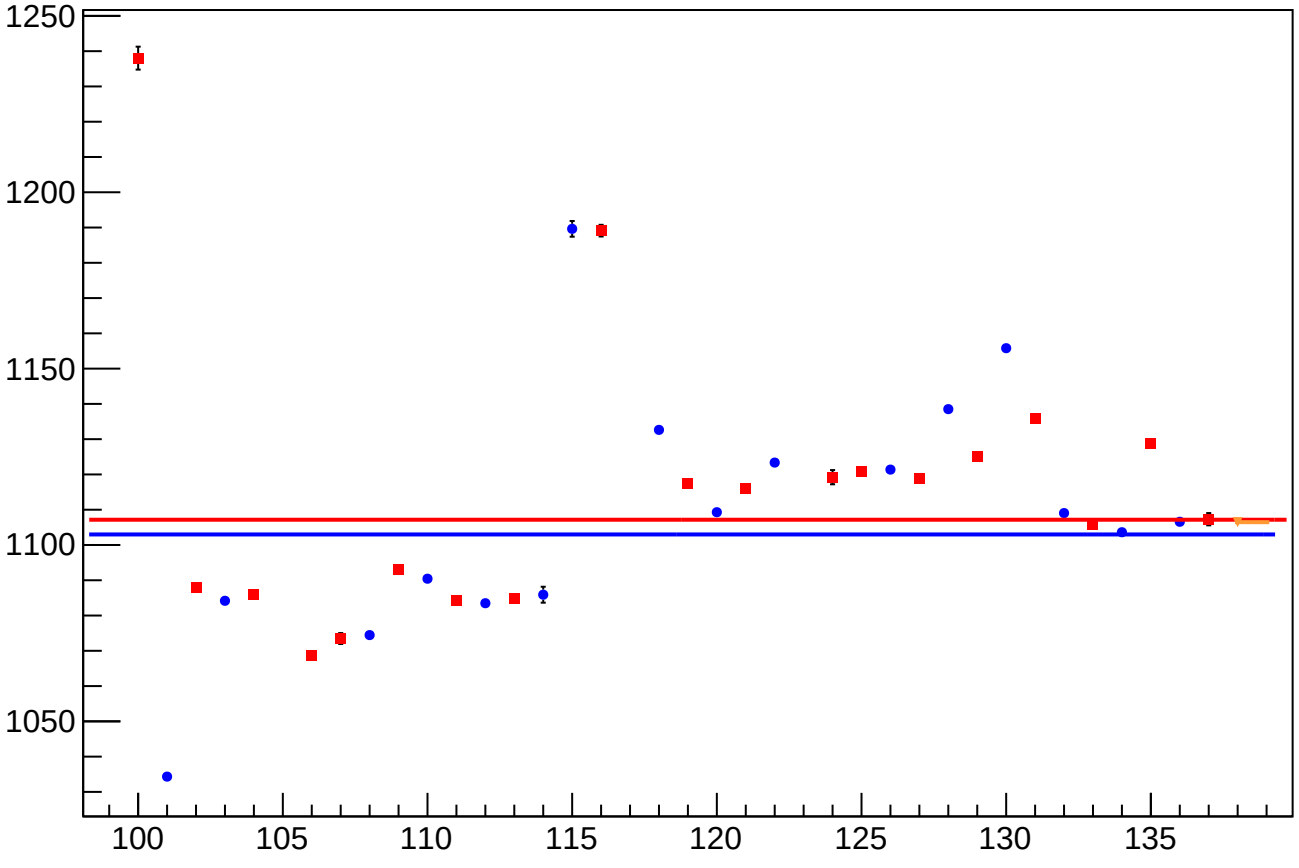
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2502.101+/-389.515 χ^2/NDF: 13.4/16

All: 295.207+/-280.341 χ^2/NDF: 92.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_rms vs Slug



Right In: 1102.988+/-0.290 χ^2/NDF: 13223.8/15

Left Out: 1106.470+/-0.886 χ^2/NDF:0.0/0

Right Out: 1107.159+/-0.286 χ^2/NDF: 8683.4/18

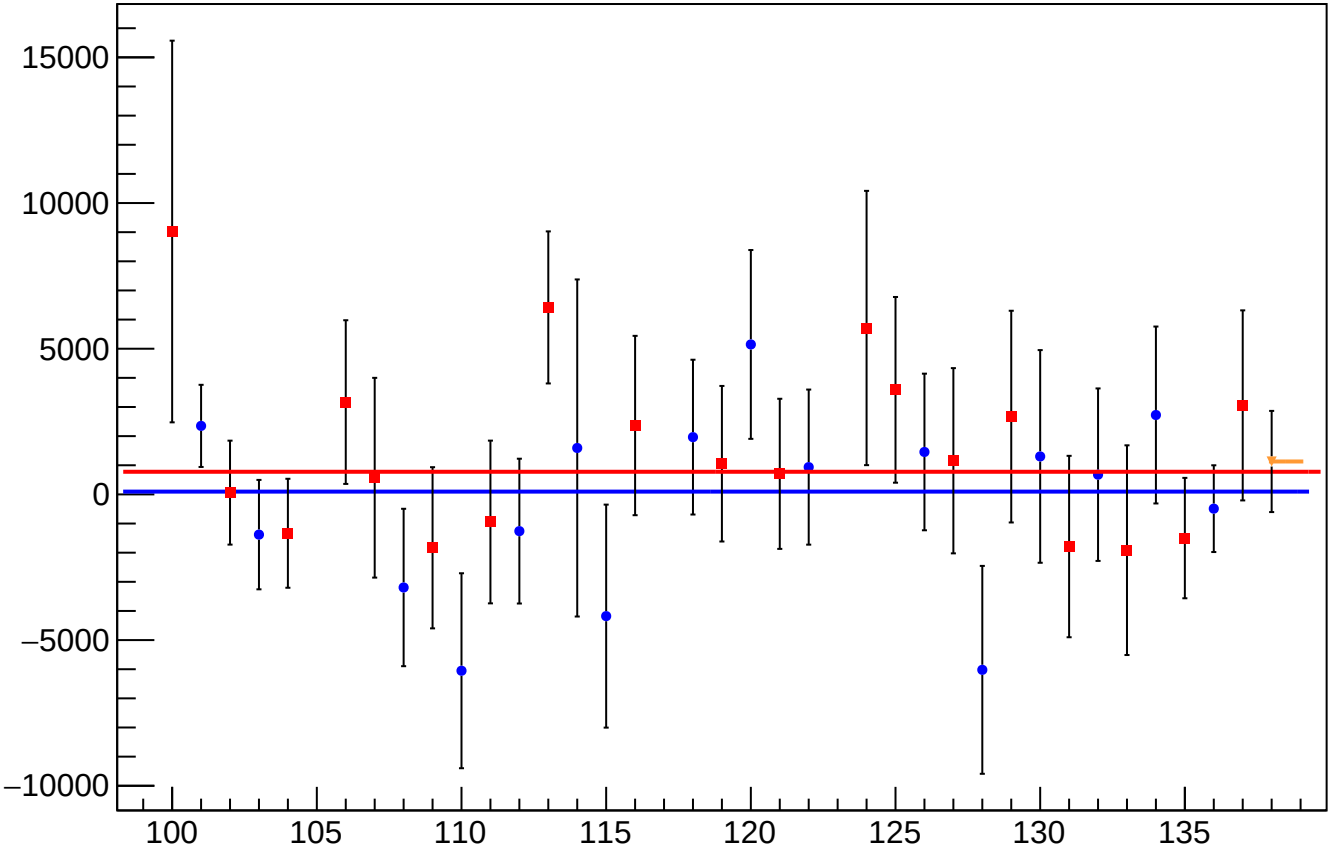
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1103.324+/-0.275 χ^2/NDF: 13237.8/16

All: 1105.173+/-0.198 χ^2/NDF: 22014.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_reg_correction_mean vs Slug



Right In: 95.955+/-618.095 χ^2/NDF: 16.9/15

Left Out: 1129.832+/-1736.220 χ^2/NDF:0.0/0

Right Out: 776.996+/-636.966 χ^2/NDF: 15.1/18

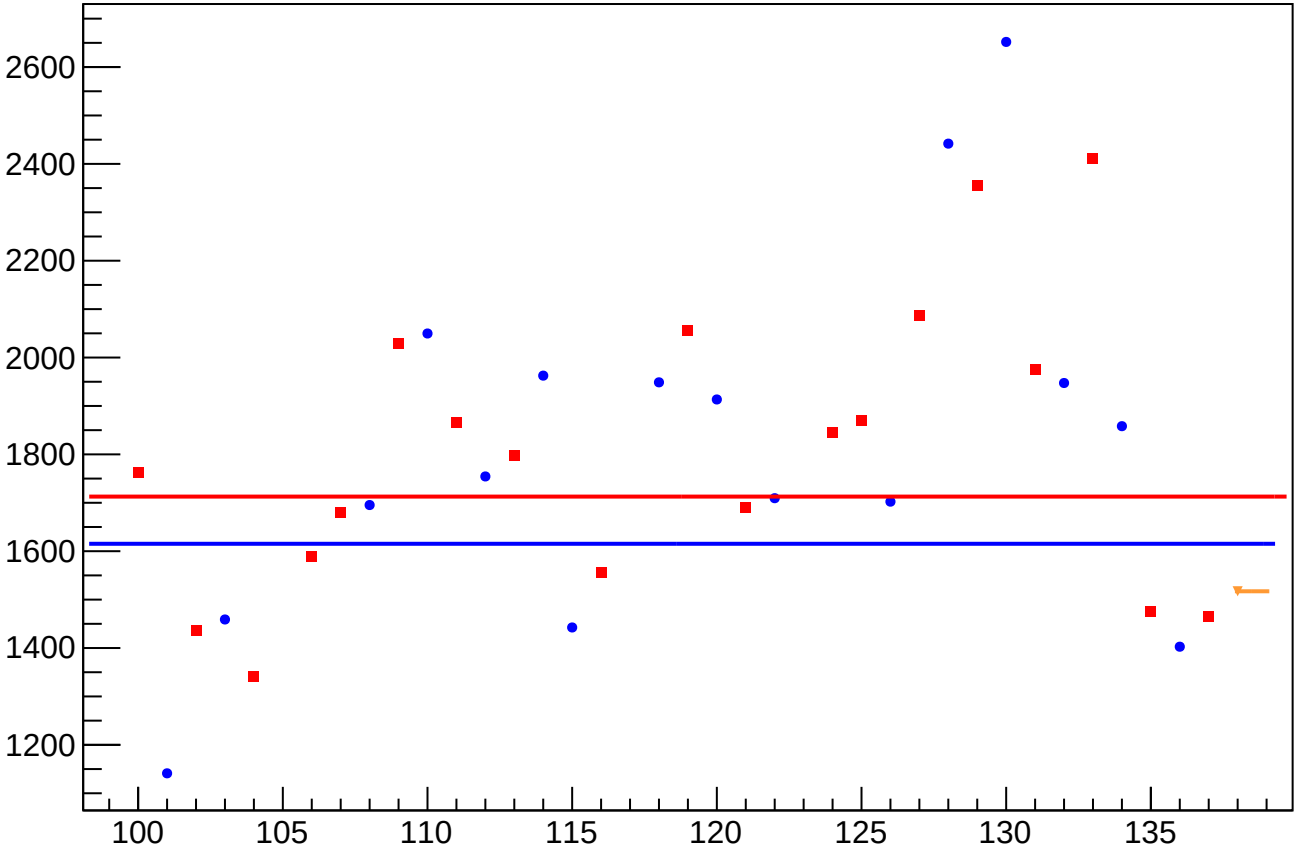
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 212.246+/-582.296 χ^2/NDF: 17.2/16

All: 469.349+/-429.776 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_reg_correction_rms vs Slug



Right In: 1615.316+/-0.437 χ^2/NDF: 693630.0/15

Left Out: 1517.197+/-1.228 χ^2/NDF:0.0/0

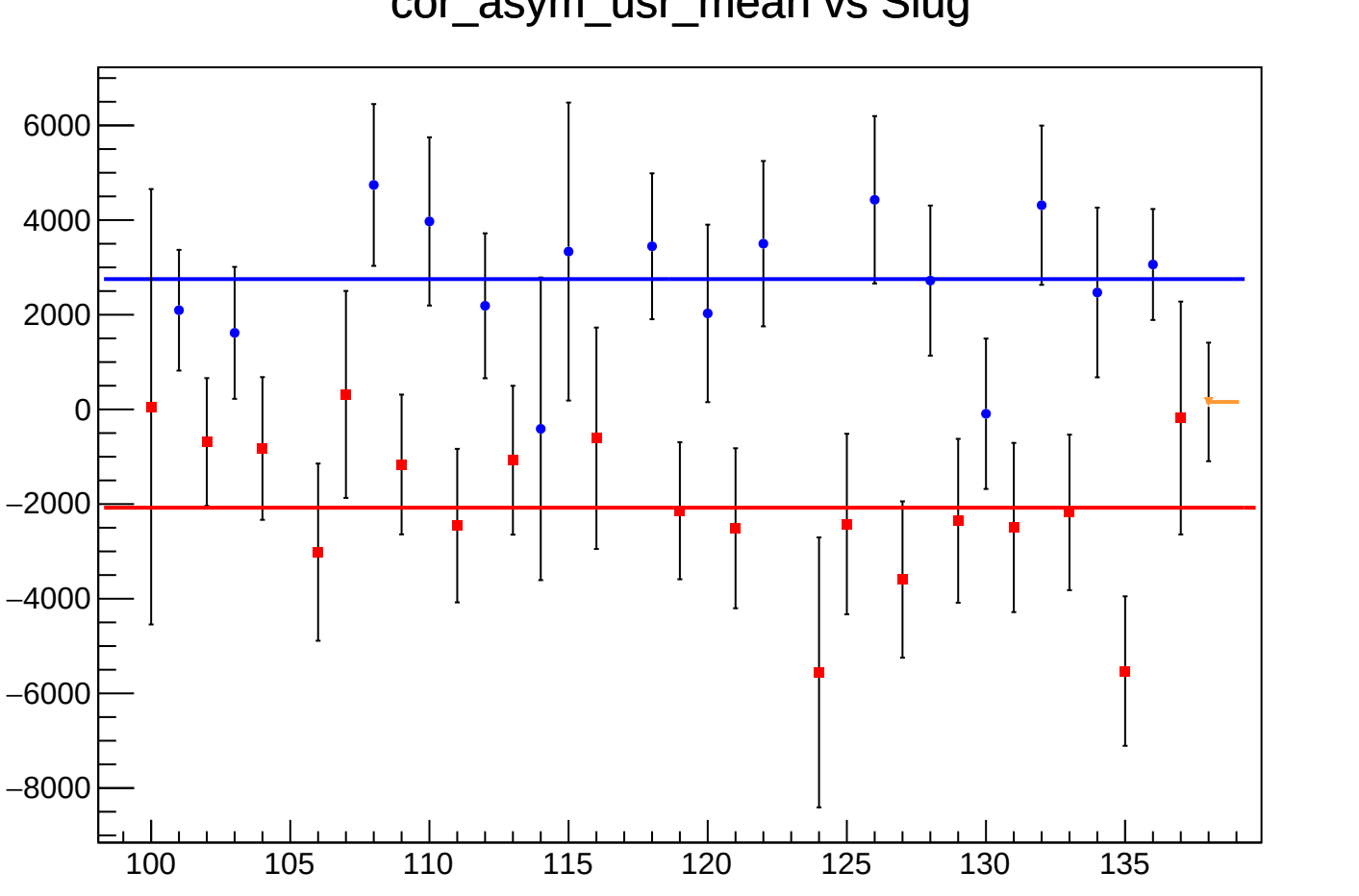
Right Out: 1712.798+/-0.450 χ^2/NDF: 428065.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

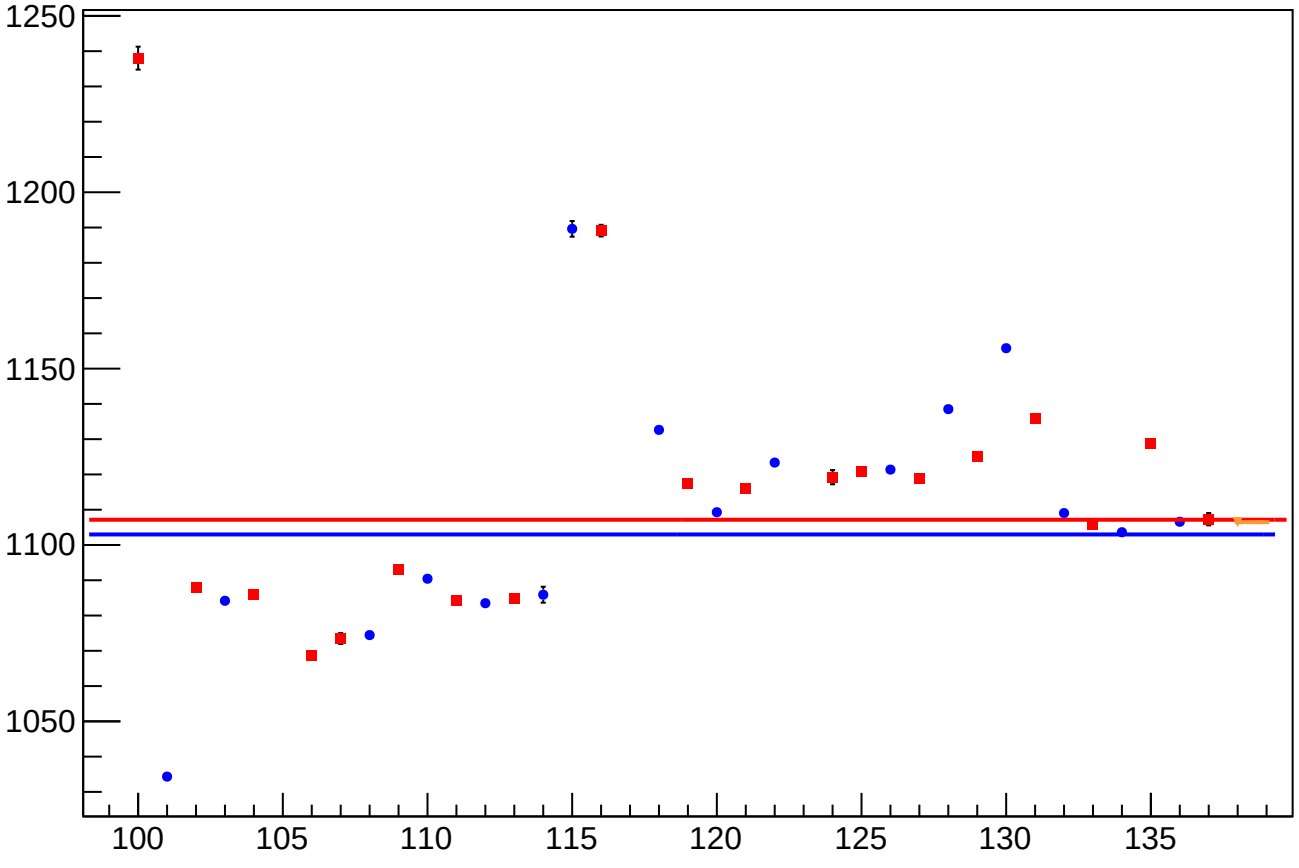
+ sign 1604.279+/-0.412 χ^2/NDF: 699298.8/16

All: 1653.683+/-0.304 χ^2/NDF: 1158986.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


cor_asym_usr_mean vs Slug
6000
4000
2000
0
−2000
−4000
−6000
−8000
100
105
110
115
120
125
130
135
Right In: 2753.123+/-409.837 χ²/NDF: 9.5/15
Left Out: 157.600+/-1252.509 χ²/NDF:0.0/0
Right Out: -2076.471+/-403.796 χ²/NDF: 12.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 2502.101+/-389.515 χ²/NDF: 13.4/16
All: 295.207+/-280.341 χ²/NDF: 92.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

cor_asym_usr_rms vs Slug



Right In: 1102.988+/-0.290 χ^2/NDF: 13223.8/15

Left Out: 1106.470+/-0.886 χ^2/NDF:0.0/0

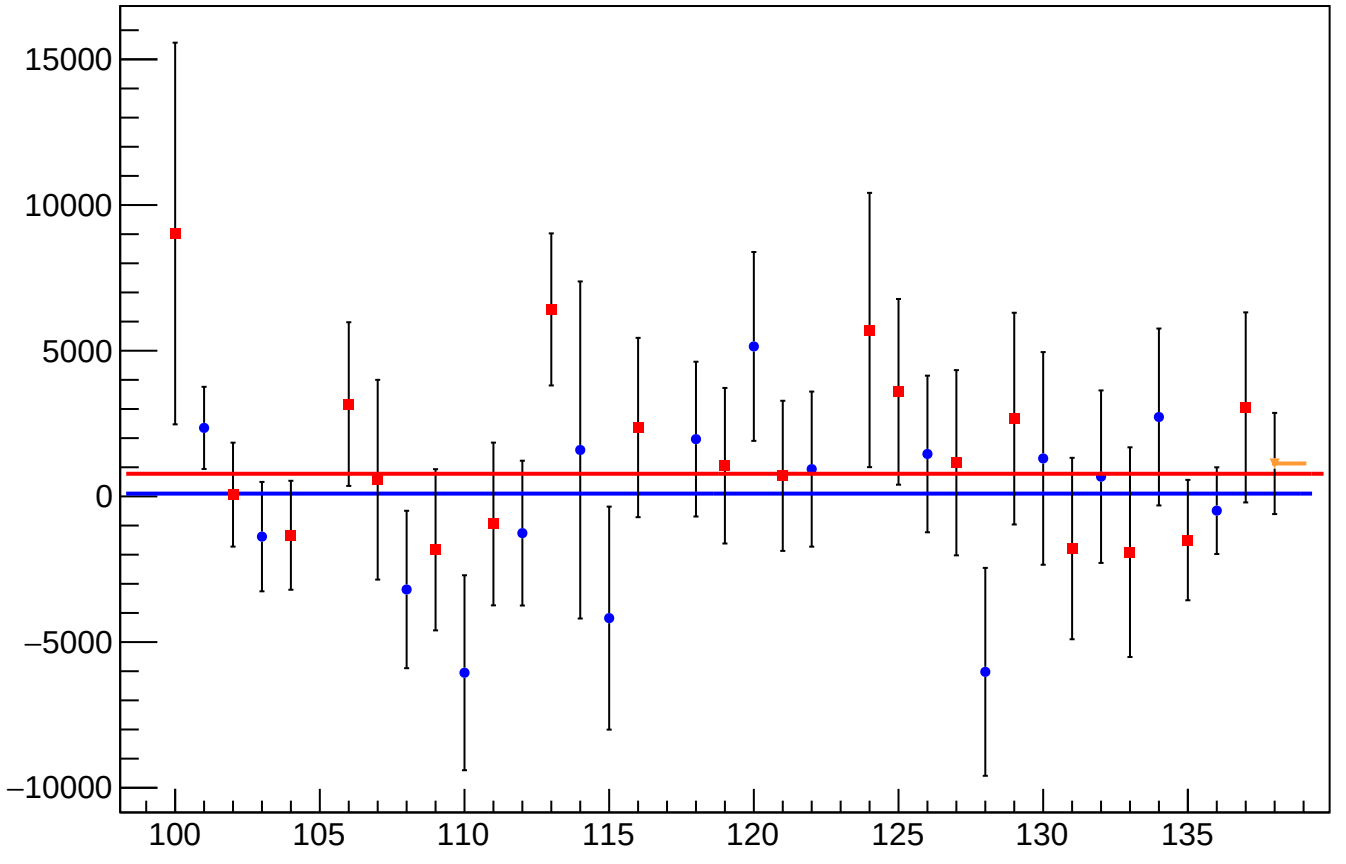
Right Out: 1107.159+/-0.286 χ^2/NDF: 8683.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1103.324+/-0.275 χ^2/NDF: 13237.8/16

All: 1105.173+/-0.198 χ^2/NDF: 22014.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 95.955+/-618.095 χ^2/NDF: 16.9/15

Left Out: 1129.832+/-1736.220 χ^2/NDF:0.0/0

Right Out: 776.996+/-636.966 χ^2/NDF: 15.1/18

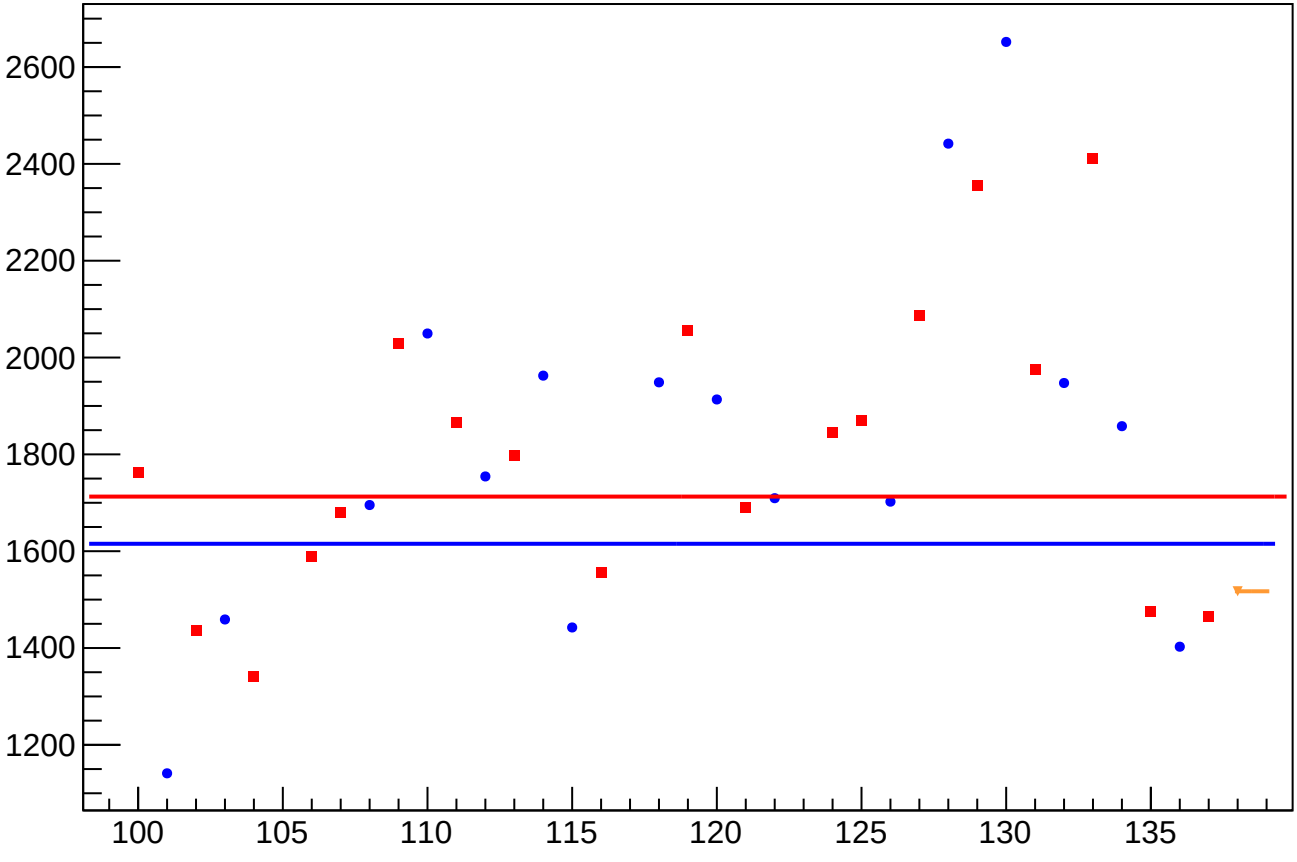
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 212.246+/-582.296 χ^2/NDF: 17.2/16

All: 469.349+/-429.776 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_cor_correction_rms vs Slug



Right In: 1615.316+/-0.437 χ^2/NDF: 693630.0/15

Left Out: 1517.197+/-1.228 χ^2/NDF:0.0/0

Right Out: 1712.798+/-0.450 χ^2/NDF: 428065.0/18

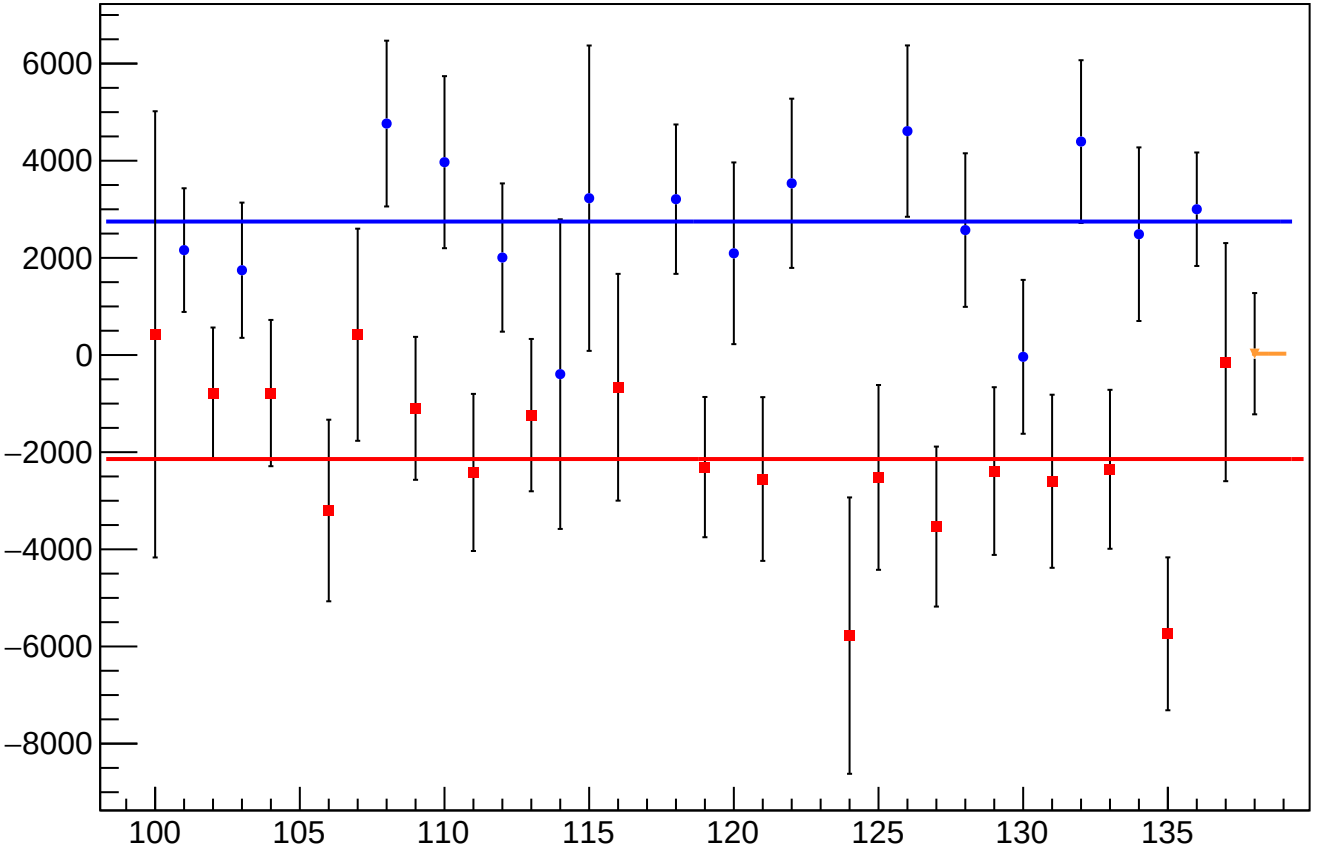
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1604.279+/-0.412 χ^2/NDF: 699298.8/16

All: 1653.683+/-0.304 χ^2/NDF: 1158986.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_usr_mean vs Slug



Right In: 2747.939+/-408.759 χ^2/NDF: 9.5/15

Left Out: 27.489+/-1248.326 χ^2/NDF:0.0/0

Right Out: -2141.169+/-402.789 χ^2/NDF: 13.6/18

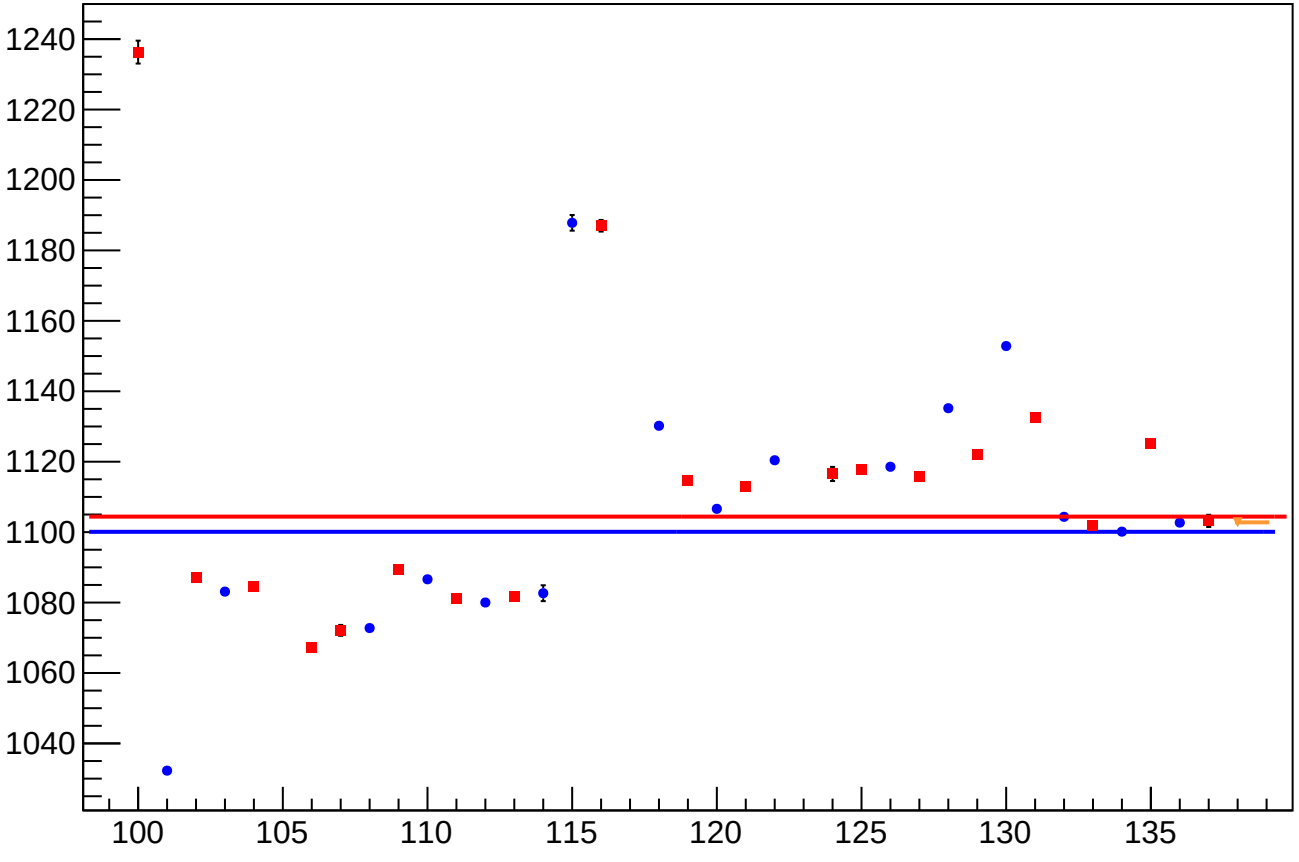
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2484.496+/-388.464 χ^2/NDF: 13.8/16

All: 255.379+/-279.612 χ^2/NDF: 95.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

overload_cor_asym_usr_rms vs Slug



Right In: 1100.090+/-0.289 χ^2/NDF: 13077.1/15

Left Out: 1102.775+/-0.883 χ^2/NDF:0.0/0

Right Out: 1104.403+/-0.285 χ^2/NDF: 8543.5/18

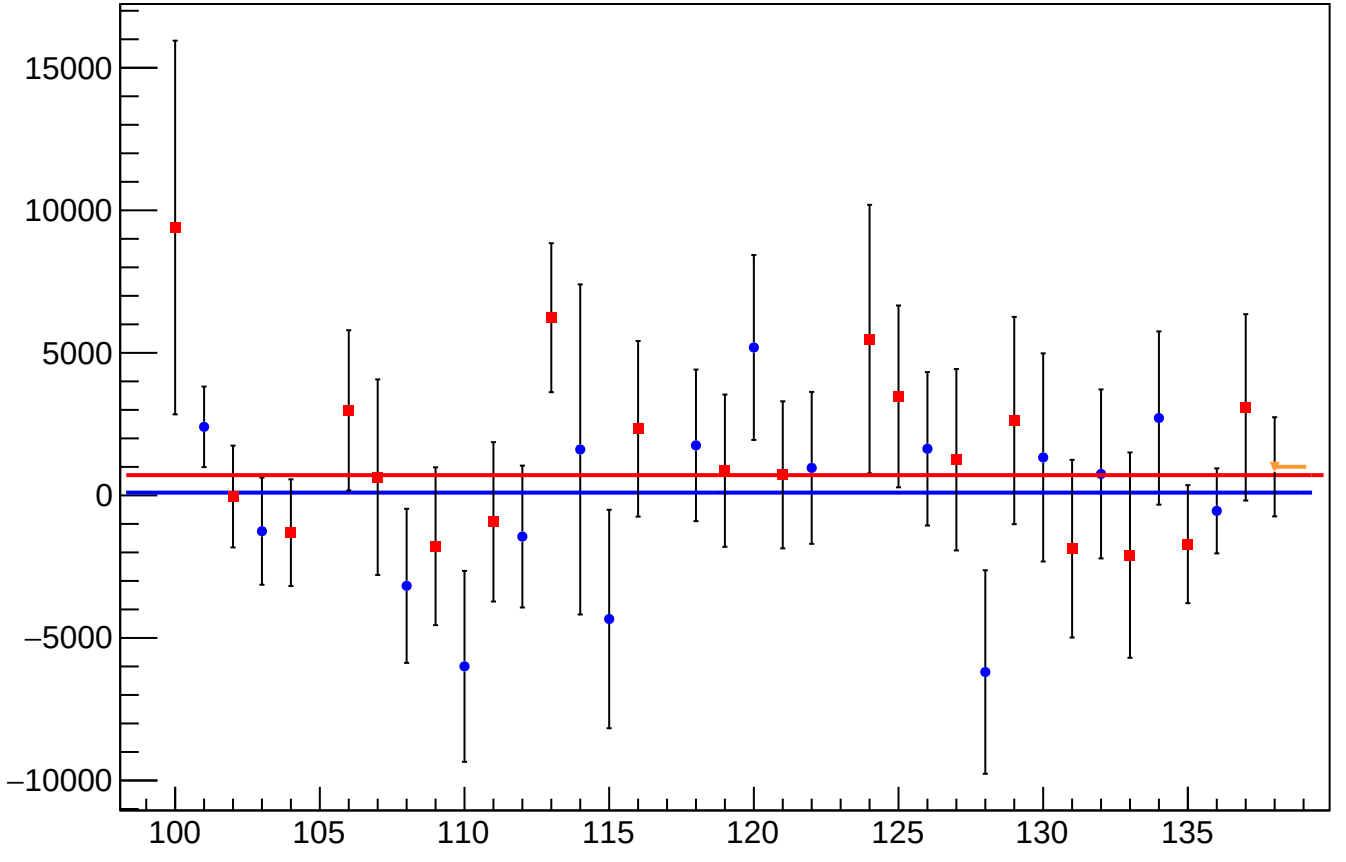
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1100.350+/-0.275 χ^2/NDF: 13085.5/16

All: 1102.303+/-0.198 χ^2/NDF: 21733.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_overload_cor_correction_mean vs Slug



Right In: 97.435+/-618.876 χ^2/NDF: 17.2/15

Left Out: 1003.116+/-1739.366 χ^2/NDF:0.0/0

Right Out: 711.287+/-637.587 χ^2/NDF: 14.9/18

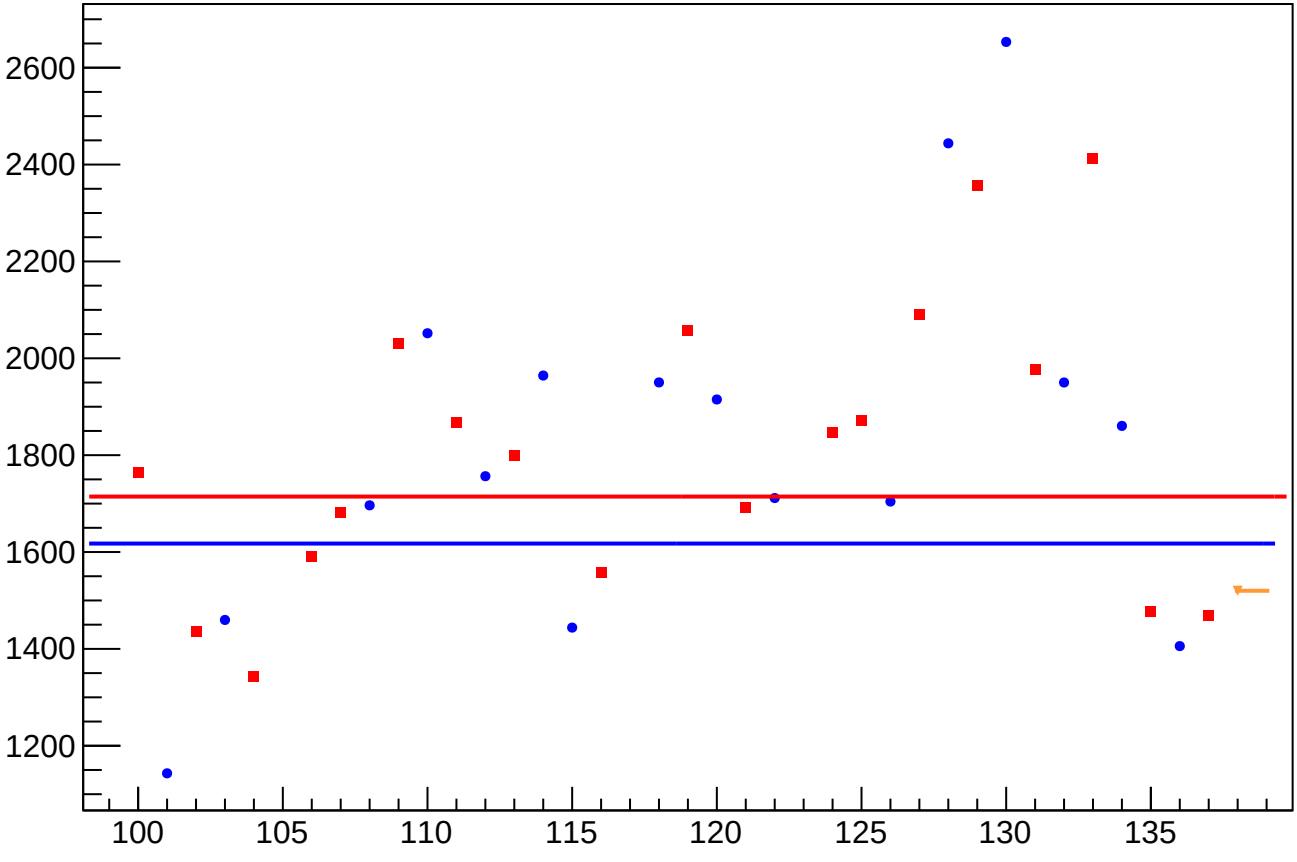
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 199.208+/-583.068 χ^2/NDF: 17.5/16

All: 432.422+/-430.277 χ^2/NDF: 32.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1617.491+/-0.438 χ^2/NDF: 691725.3/15

Left Out: 1520.040+/-1.230 χ^2/NDF:0.0/0

Right Out: 1714.508+/-0.451 χ^2/NDF: 427709.9/18

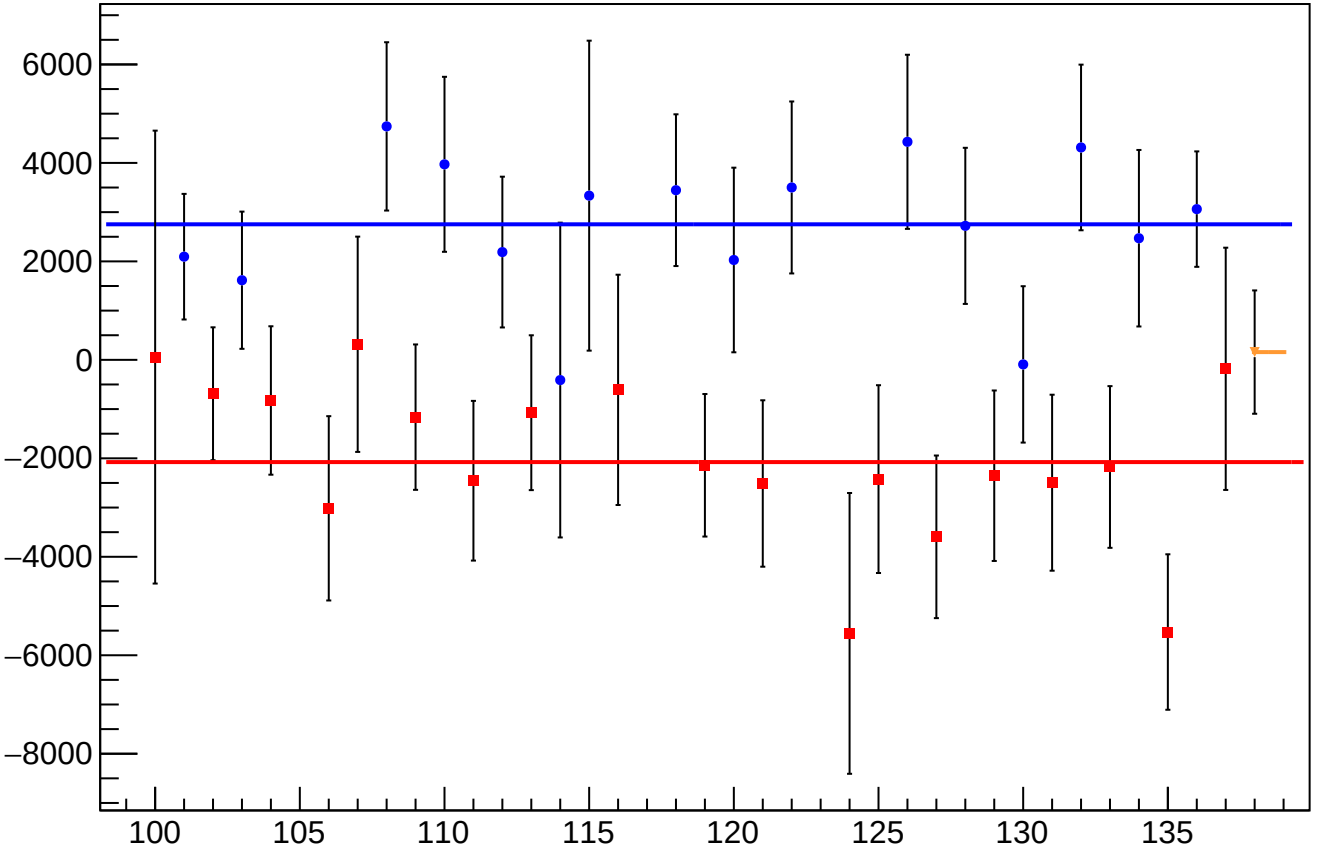
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1606.540+/-0.412 χ^2/NDF: 697297.8/16

All: 1655.711+/-0.304 χ^2/NDF: 1156239.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2753.123+/-409.837 χ^2/NDF: 9.5/15

Left Out: 157.600+/-1252.509 χ^2/NDF:0.0/0

Right Out: -2076.471+/-403.796 χ^2/NDF: 12.5/18

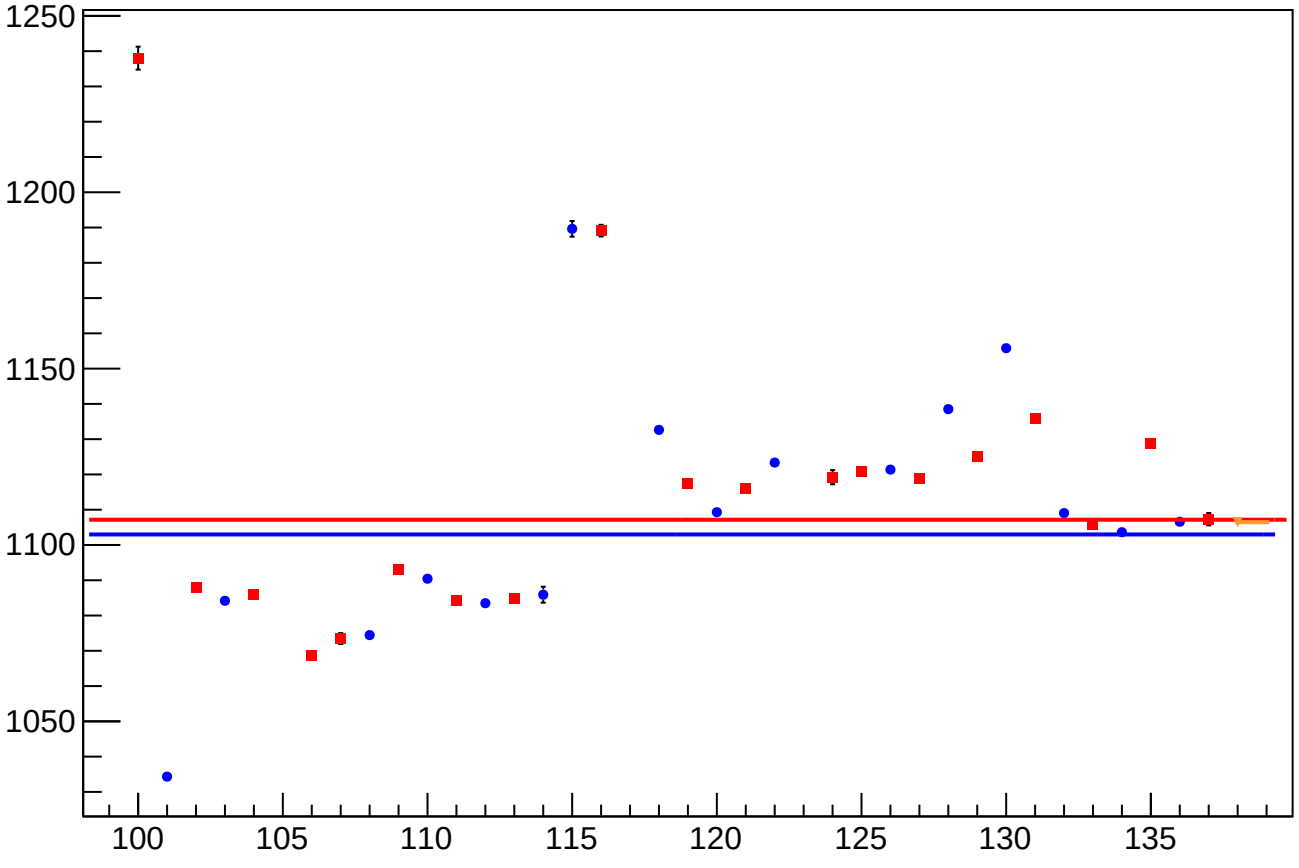
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2502.101+/-389.515 χ^2/NDF: 13.4/16

All: 295.207+/-280.341 χ^2/NDF: 92.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_rms vs Slug



Right In: 1102.988+/-0.290 χ^2/NDF: 13223.8/15

Left Out: 1106.470+/-0.886 χ^2/NDF:0.0/0

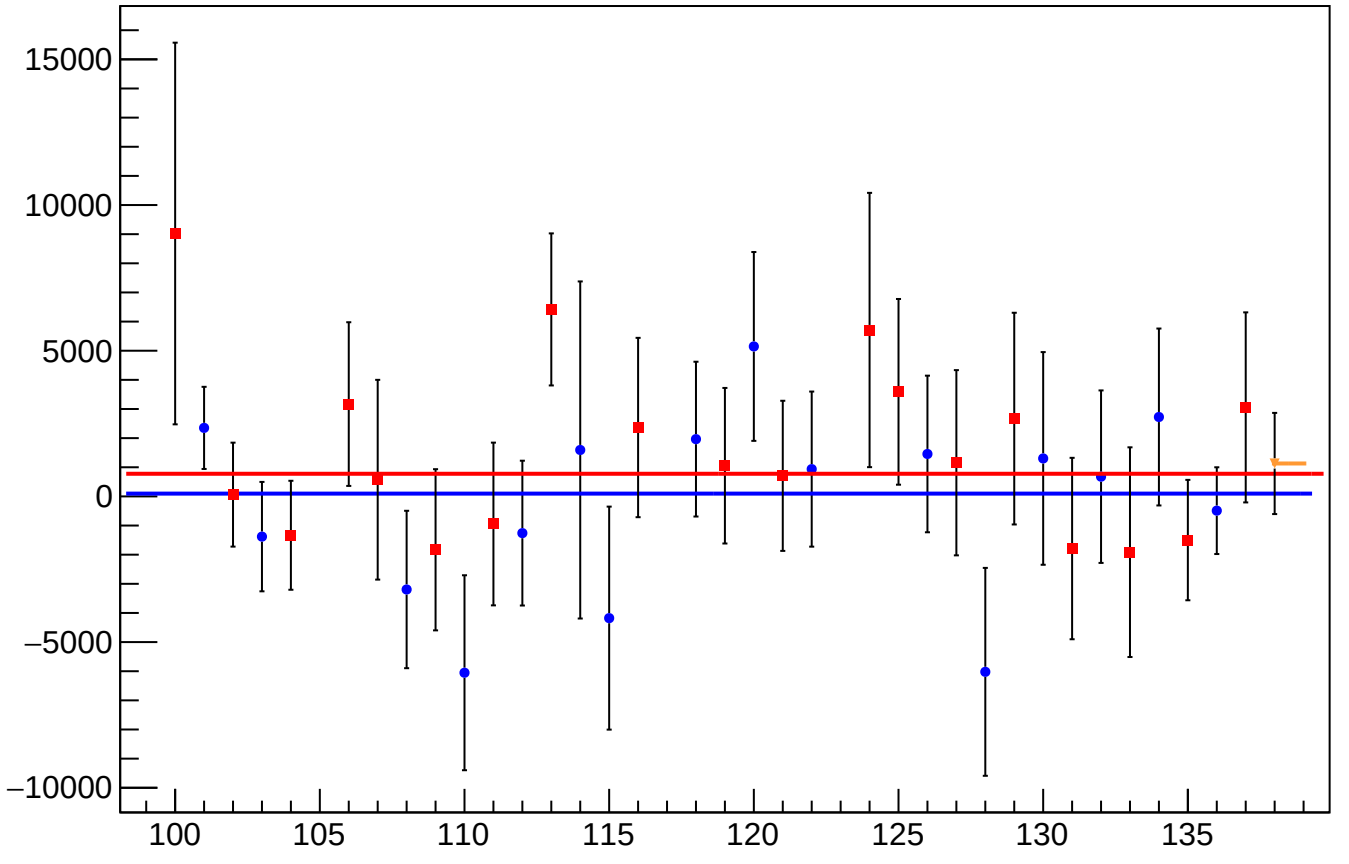
Right Out: 1107.159+/-0.286 χ^2/NDF: 8683.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1103.324+/-0.275 χ^2/NDF: 13237.8/16

All: 1105.173+/-0.198 χ^2/NDF: 22014.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 95.955+/-618.095 χ^2/NDF: 16.9/15

Left Out: 1129.832+/-1736.220 χ^2/NDF:0.0/0

Right Out: 776.996+/-636.966 χ^2/NDF: 15.1/18

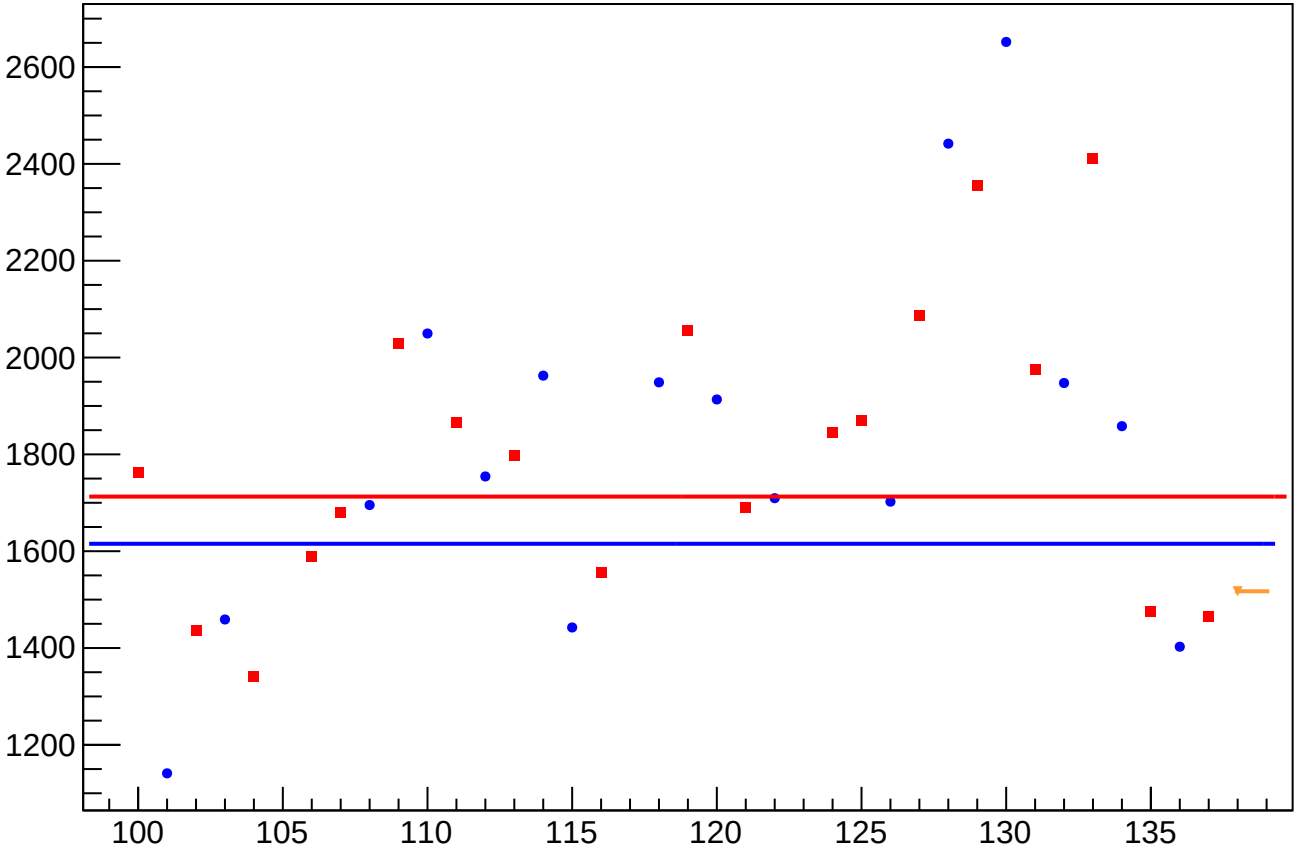
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 212.246+/-582.296 χ^2/NDF: 17.2/16

All: 469.349+/-429.776 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1615.316+/-0.437 χ^2/NDF: 693630.0/15

Left Out: 1517.197+/-1.228 χ^2/NDF:0.0/0

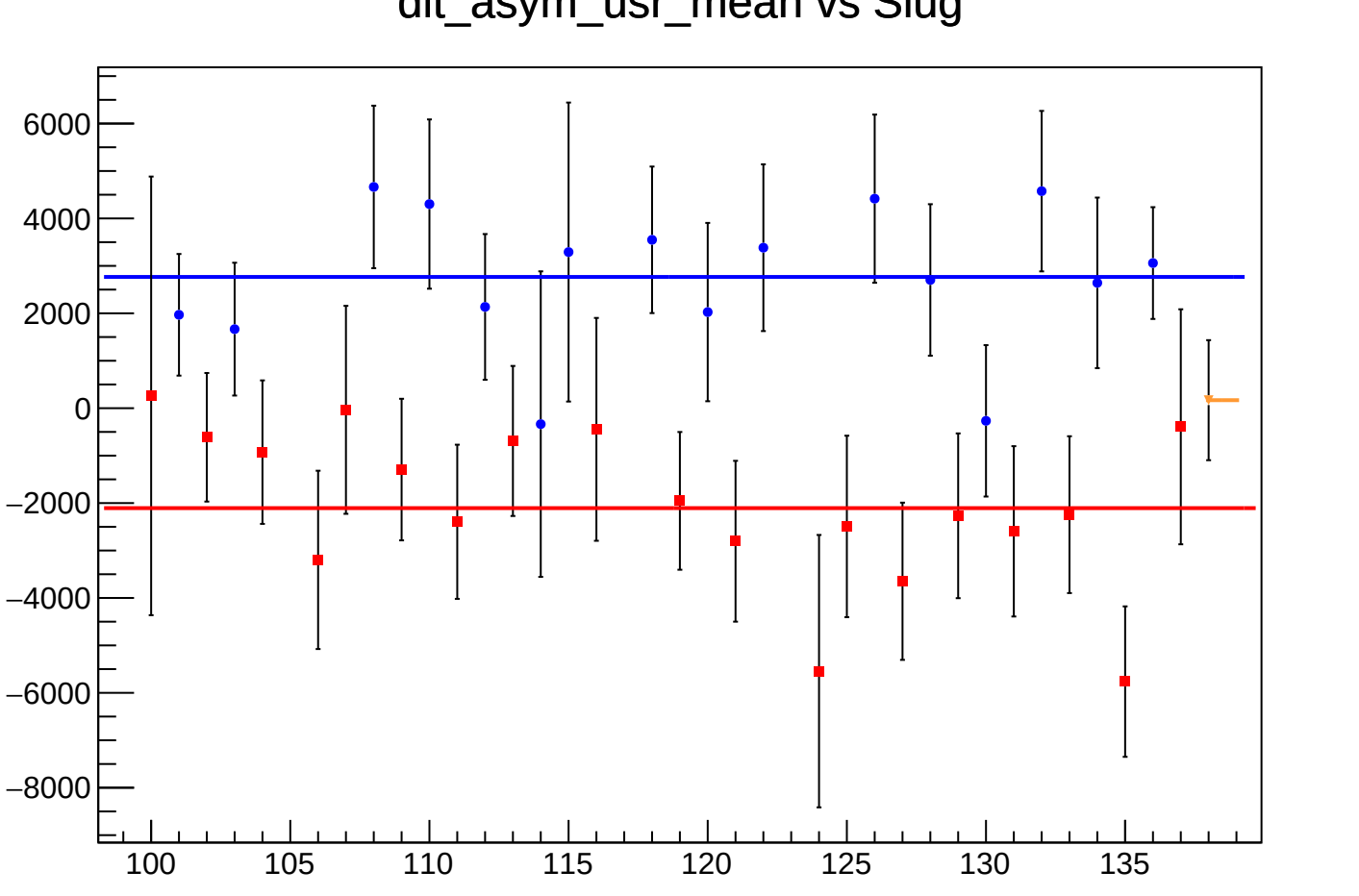
Right Out: 1712.798+/-0.450 χ^2/NDF: 428065.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1604.279+/-0.412 χ^2/NDF: 699298.8/16

All: 1653.683+/-0.304 χ^2/NDF: 1158986.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2766.657+/-411.563 χ^2/NDF: 10.3/15

Left Out: 168.986+/-1265.264 χ^2/NDF:0.0/0

Right Out: -2106.358+/-405.586 χ^2/NDF: 13.4/18

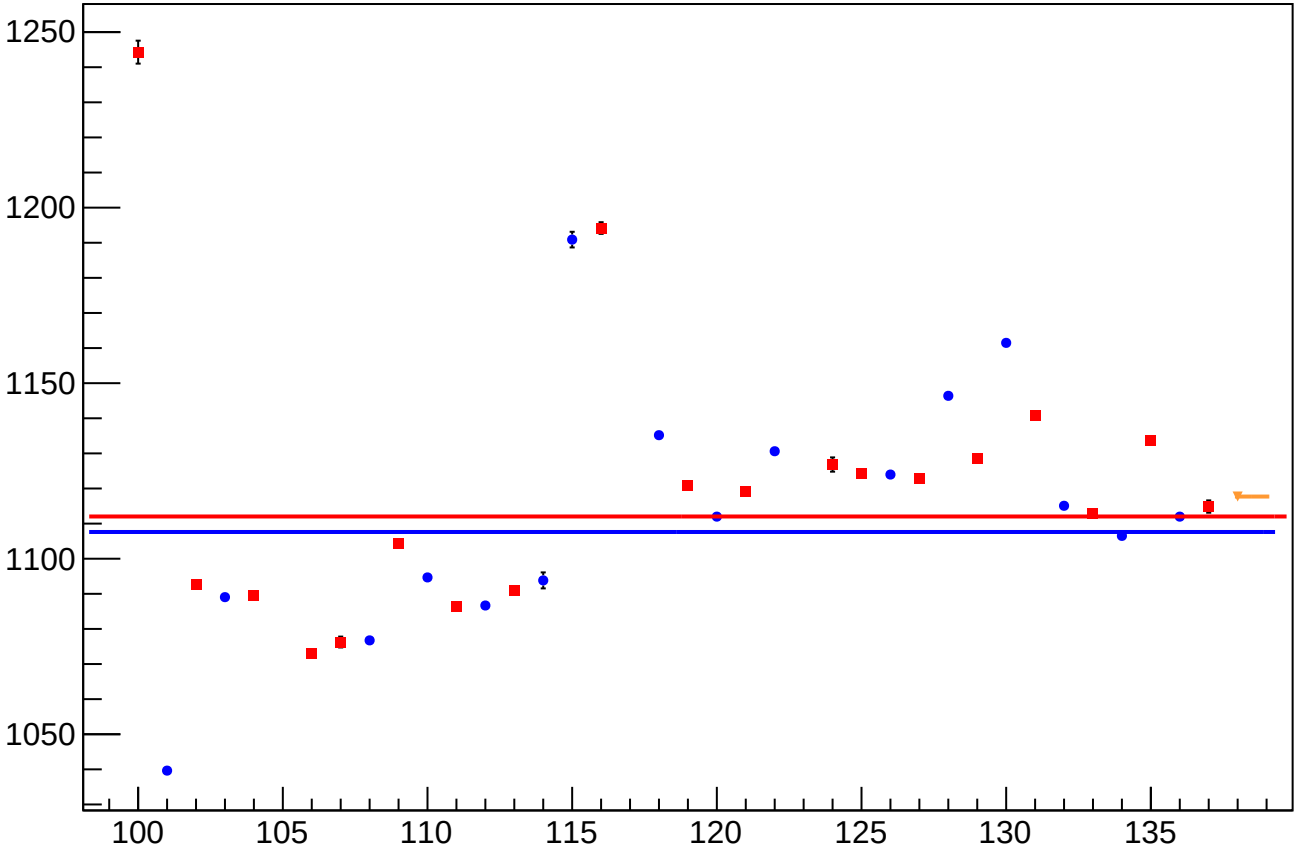
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2518.106+/-391.378 χ^2/NDF: 14.1/16

All: 288.289+/-281.635 χ^2/NDF: 94.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_rms vs Slug



Right In: 1107.613+/-0.291 χ^2/NDF: 13220.8/15

Left Out: 1117.707+/-0.895 χ^2/NDF:0.0/0

Right Out: 1112.029+/-0.287 χ^2/NDF: 8653.5/18

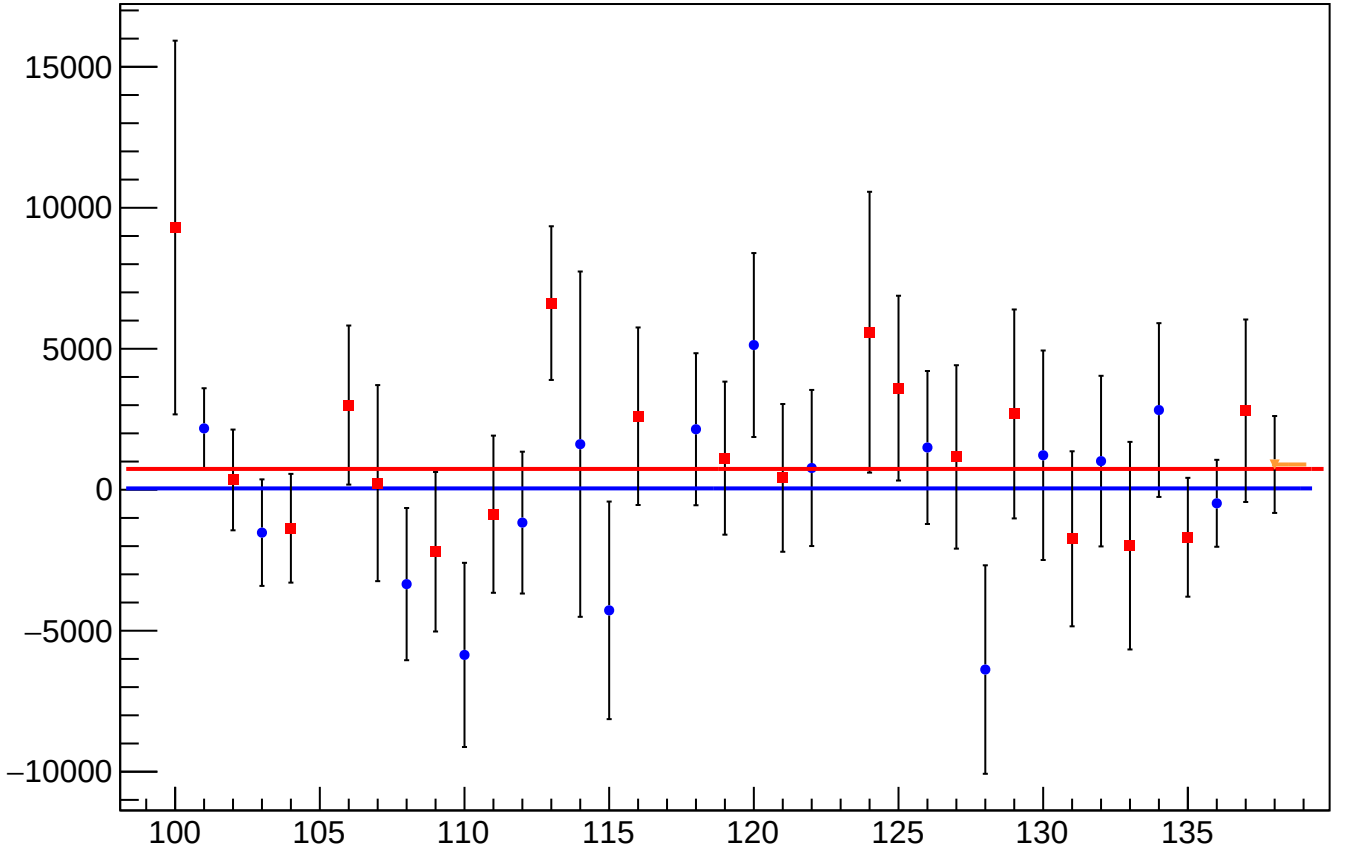
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1108.579+/-0.277 χ^2/NDF: 13335.9/16

All: 1110.243+/-0.199 χ^2/NDF: 22064.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_dit_correction_mean vs Slug



Right In: 47.817+/-628.060 χ^2/NDF: 16.9/15

Left Out: 896.086+/-1718.684 χ^2/NDF:0.0/0

Right Out: 738.185+/-647.795 χ^2/NDF: 14.9/18

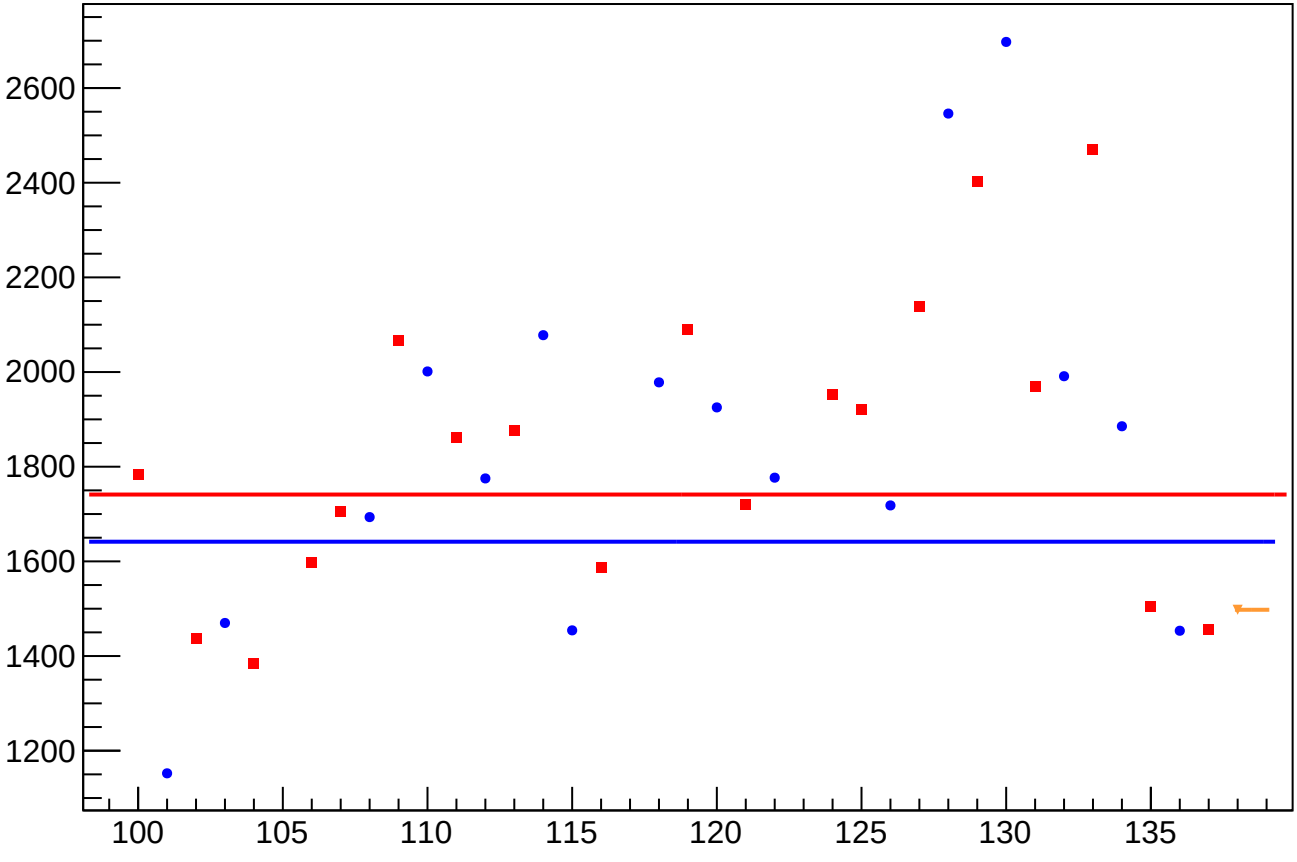
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 147.750+/-589.906 χ^2/NDF: 17.1/16

All: 415.412+/-436.160 χ^2/NDF: 32.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_dit_correction_rms vs Slug



Right In: 1641.538+/-0.444 χ^2/NDF: 701311.4/15

Left Out: 1497.751+/-1.215 χ^2/NDF:0.0/0

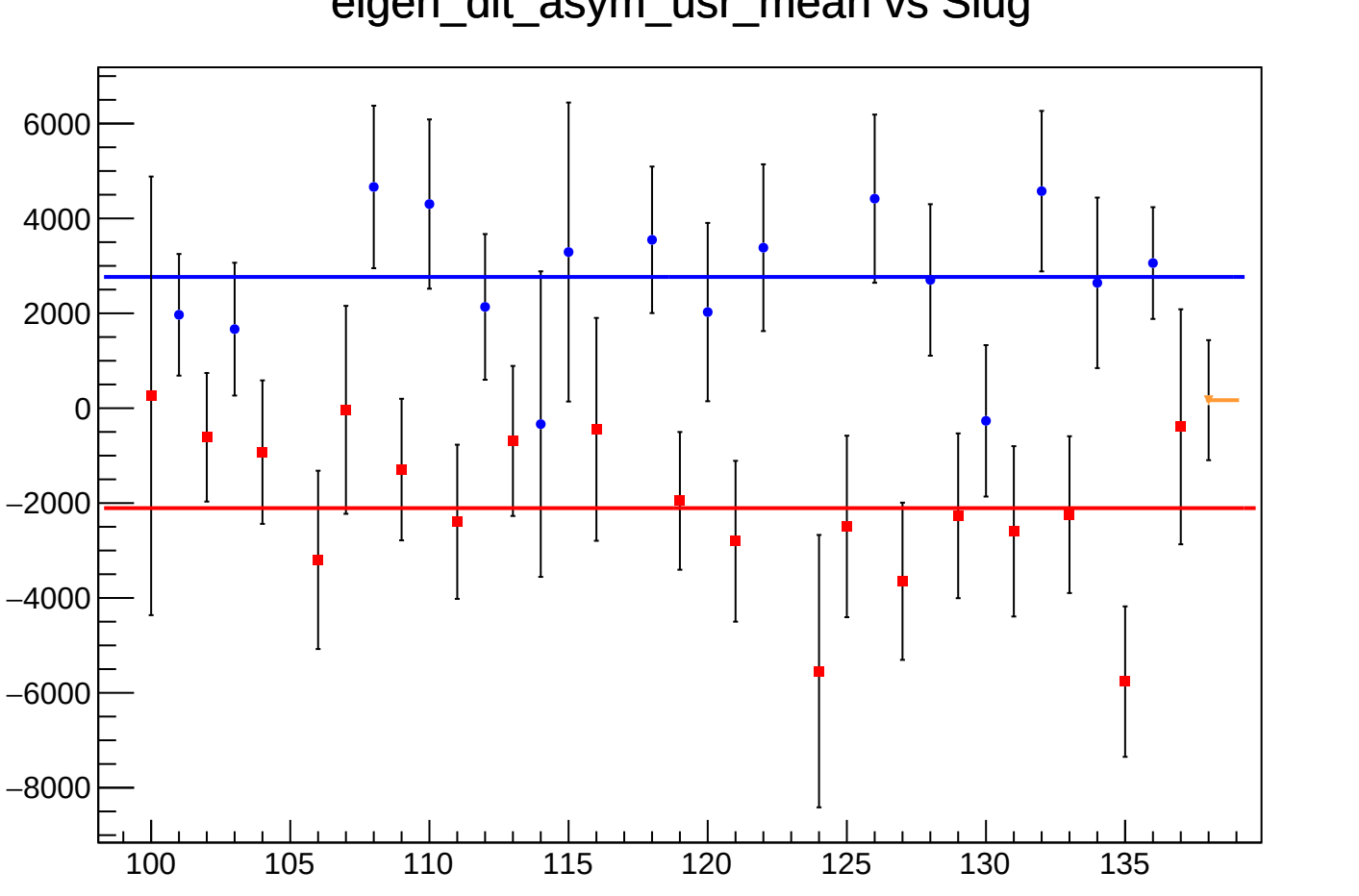
Right Out: 1741.200+/-0.458 χ^2/NDF: 438336.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

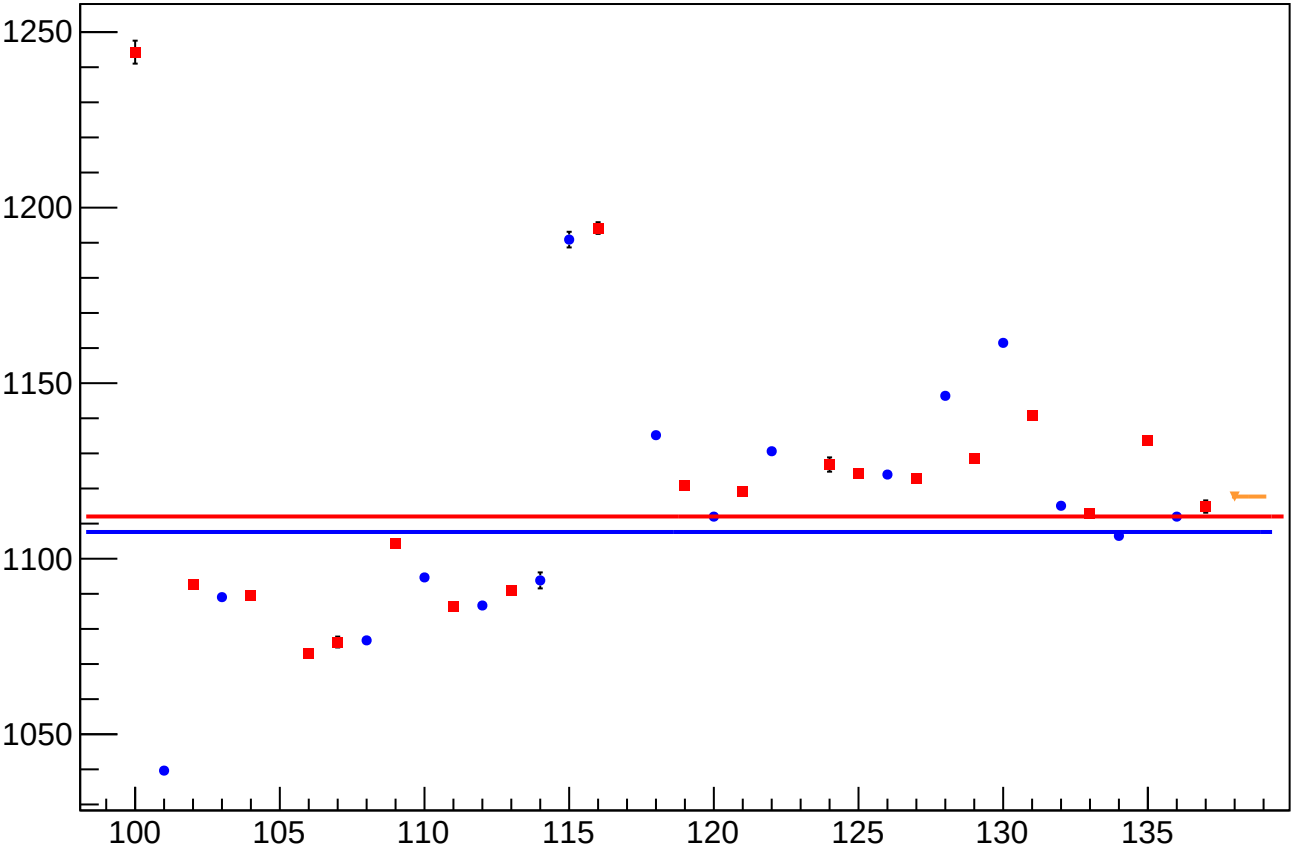
+ sign 1624.599+/-0.417 χ^2/NDF: 713660.5/16

All: 1677.458+/-0.308 χ^2/NDF: 1187420.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


eigen_dit_asym_usr_mean vs Slug
6000
4000
2000
0
−2000
−4000
−6000
−8000
100
105
110
115
120
125
130
135
Right In: 2766.656+/-411.563 χ²/NDF: 10.3/15
Left Out: 168.992+/-1265.264 χ²/NDF:0.0/0
Right Out: -2106.360+/-405.586 χ²/NDF: 13.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 2518.106+/-391.378 χ²/NDF: 14.1/16
All: 288.288+/-281.635 χ²/NDF: 94.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

eigen_dit_asym_usr_rms vs Slug



Right In: 1107.613+/-0.291 χ^2/NDF: 13220.7/15

Left Out: 1117.707+/-0.895 χ^2/NDF:0.0/0

Right Out: 1112.029+/-0.287 χ^2/NDF: 8653.5/18

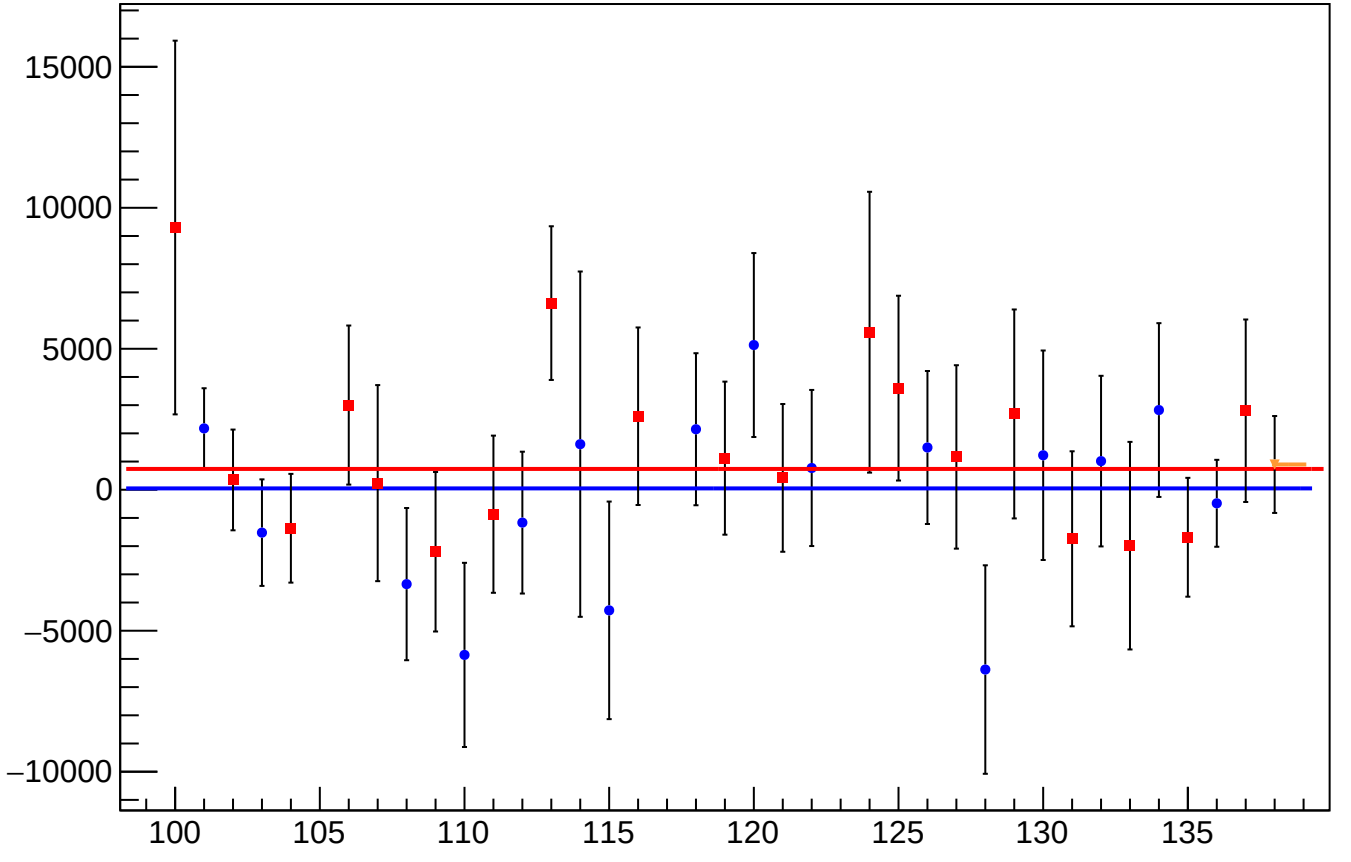
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1108.579+/-0.277 χ^2/NDF: 13335.8/16

All: 1110.243+/-0.199 χ^2/NDF: 22064.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_dit_correction_mean vs Slug



Right In: 47.813+/-628.059 χ^2/NDF: 16.9/15

Left Out: 896.092+/-1718.692 χ^2/NDF:0.0/0

Right Out: 738.188+/-647.795 χ^2/NDF: 14.9/18

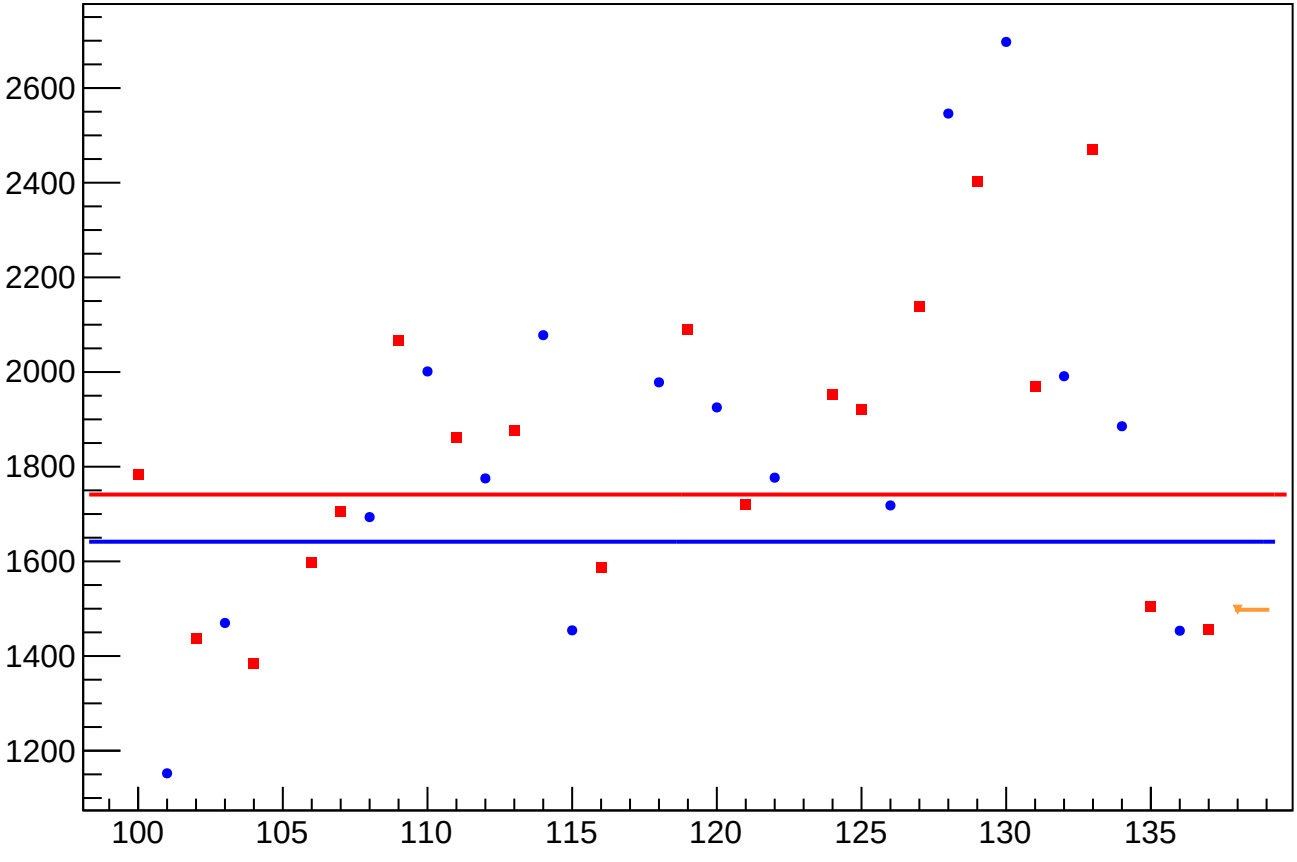
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 147.746+/-589.906 χ^2/NDF: 17.1/16

All: 415.412+/-436.159 χ^2/NDF: 32.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1641.536+/-0.444 χ^2/NDF: 701299.1/15

Left Out: 1497.758+/-1.215 χ^2/NDF:0.0/0

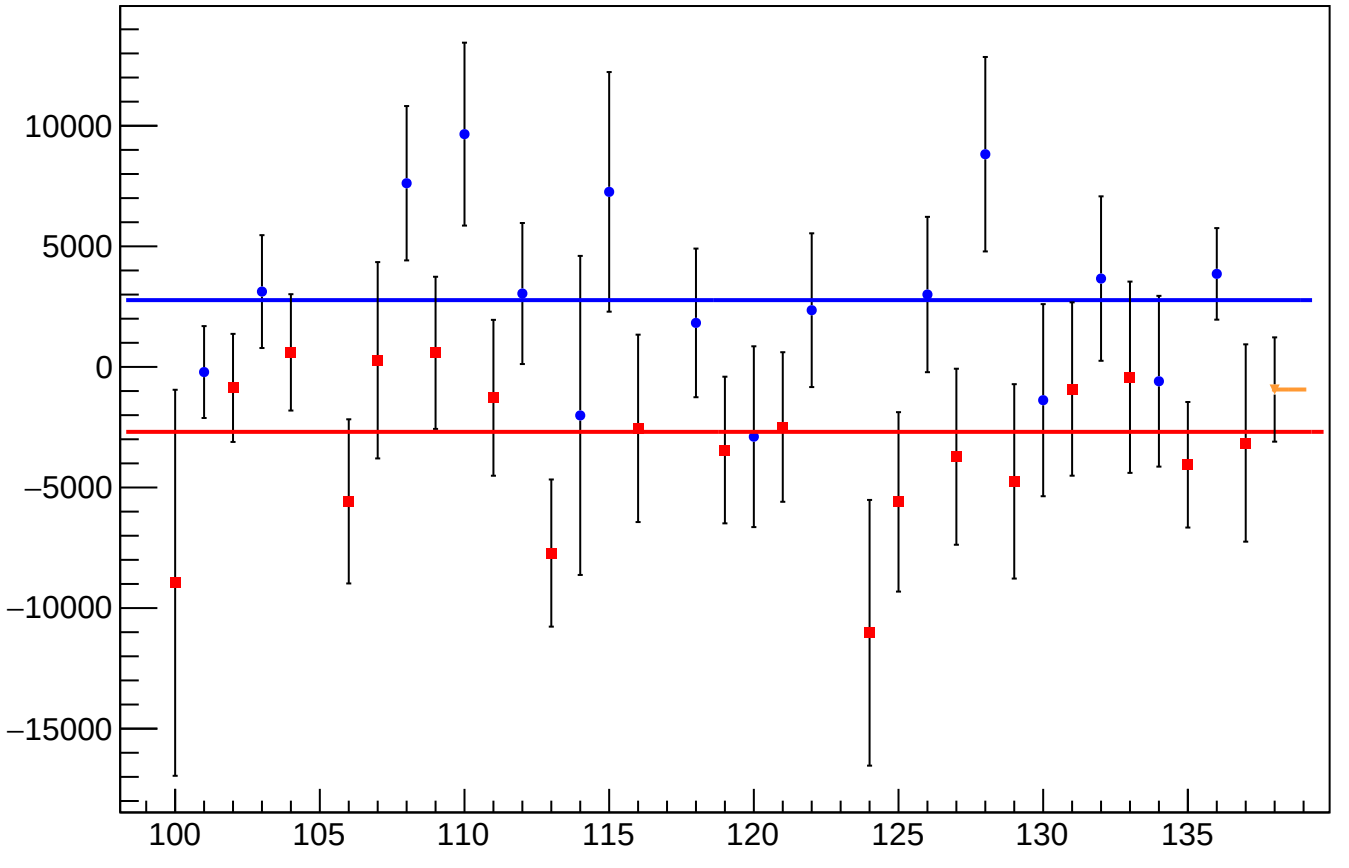
Right Out: 1741.199+/-0.458 χ^2/NDF: 438324.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1624.598+/-0.417 χ^2/NDF: 713646.6/16

All: 1677.457+/-0.308 χ^2/NDF: 1187393.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2769.952+/-757.109 χ^2/NDF: 16.4/15

Left Out: -936.623+/-2162.578 χ^2/NDF:0.0/0

Right Out: -2692.625+/-765.754 χ^2/NDF: 12.5/18

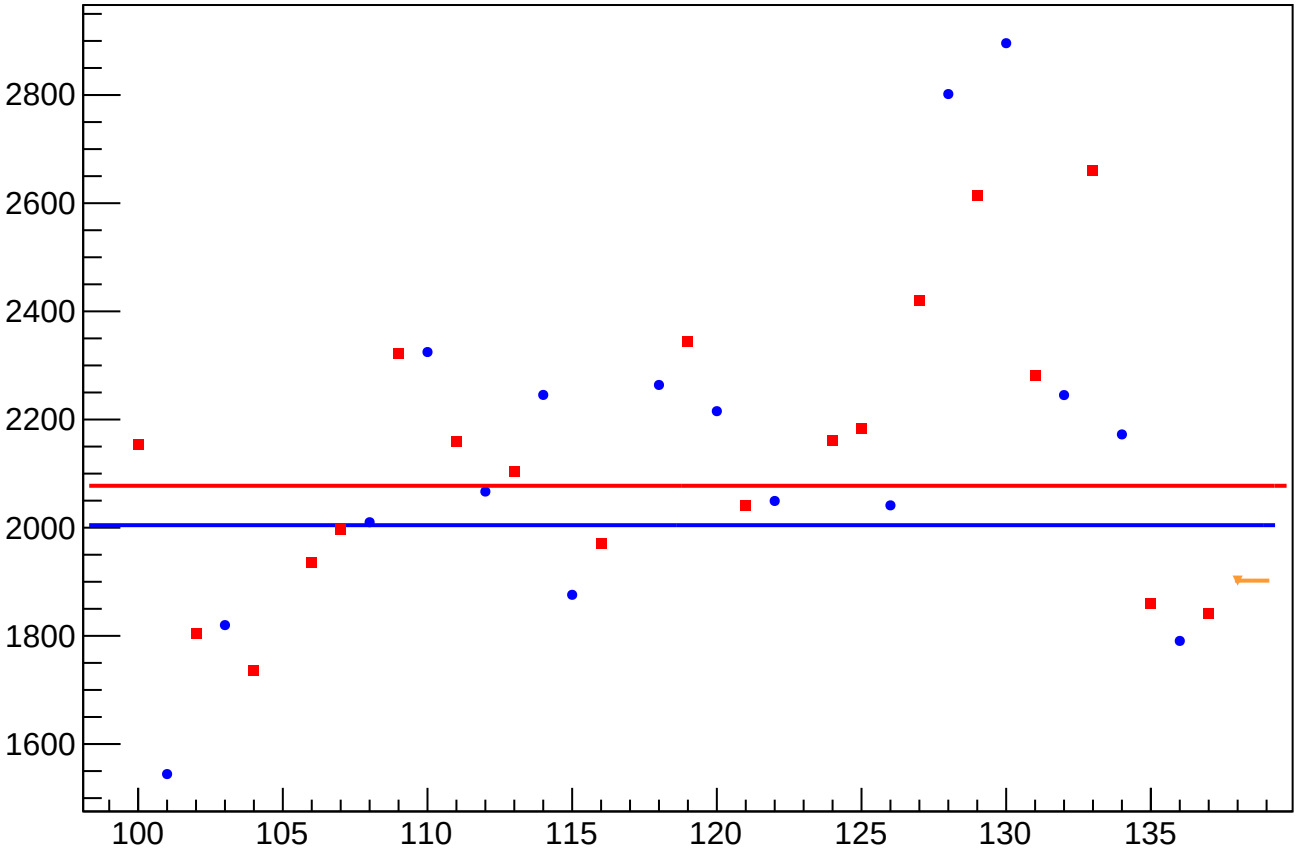
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2365.251+/-714.582 χ^2/NDF: 19.1/16

All: 10.942+/-522.441 χ^2/NDF: 54.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_rms vs Slug



Right In: 2004.635+/-0.535 χ^2/NDF: 387567.3/15

Left Out: 1902.135+/-1.529 χ^2/NDF:0.0/0

Right Out: 2077.500+/-0.541 χ^2/NDF: 230482.0/18

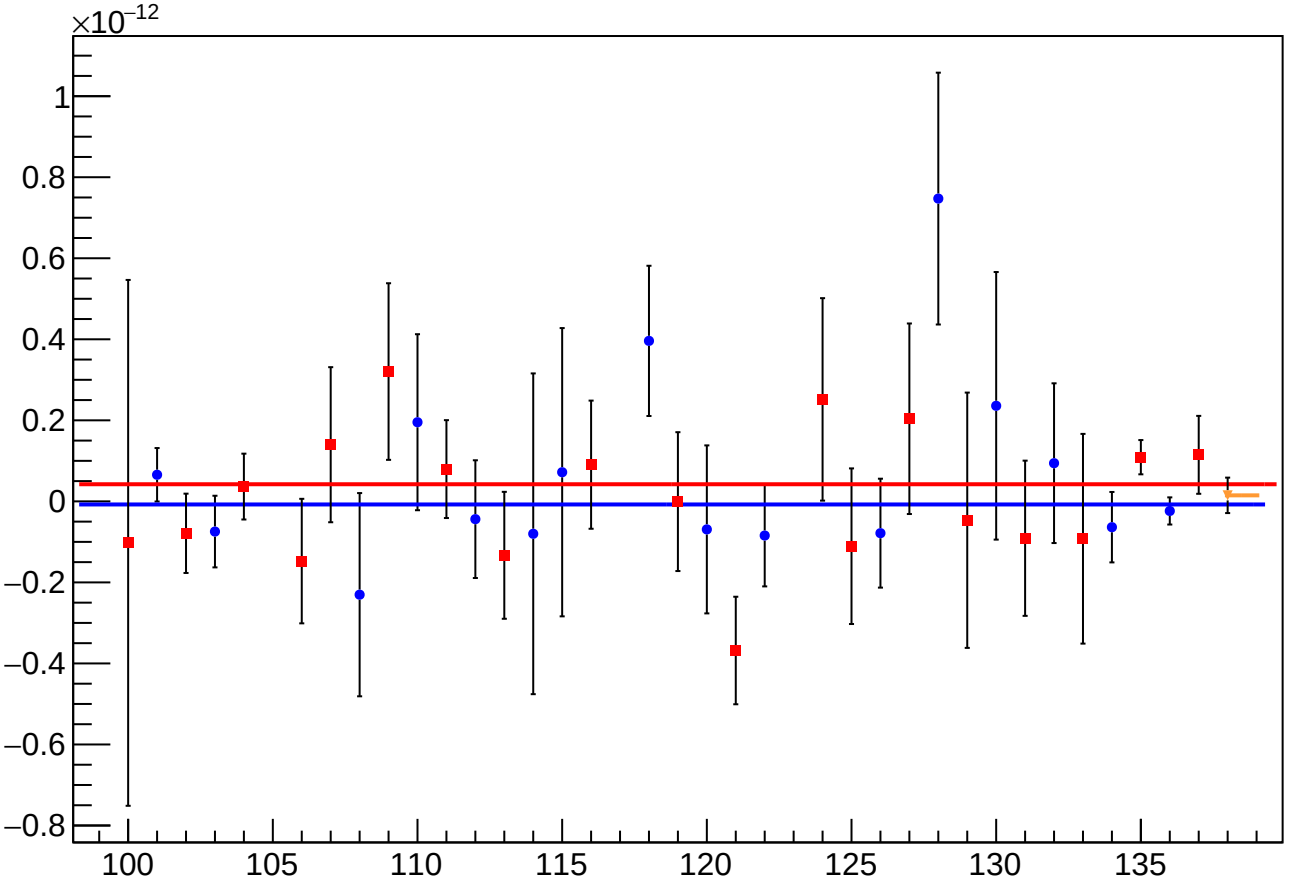
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1993.444+/-0.505 χ^2/NDF: 391569.8/16

All: 2032.570+/-0.369 χ^2/NDF: 634933.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

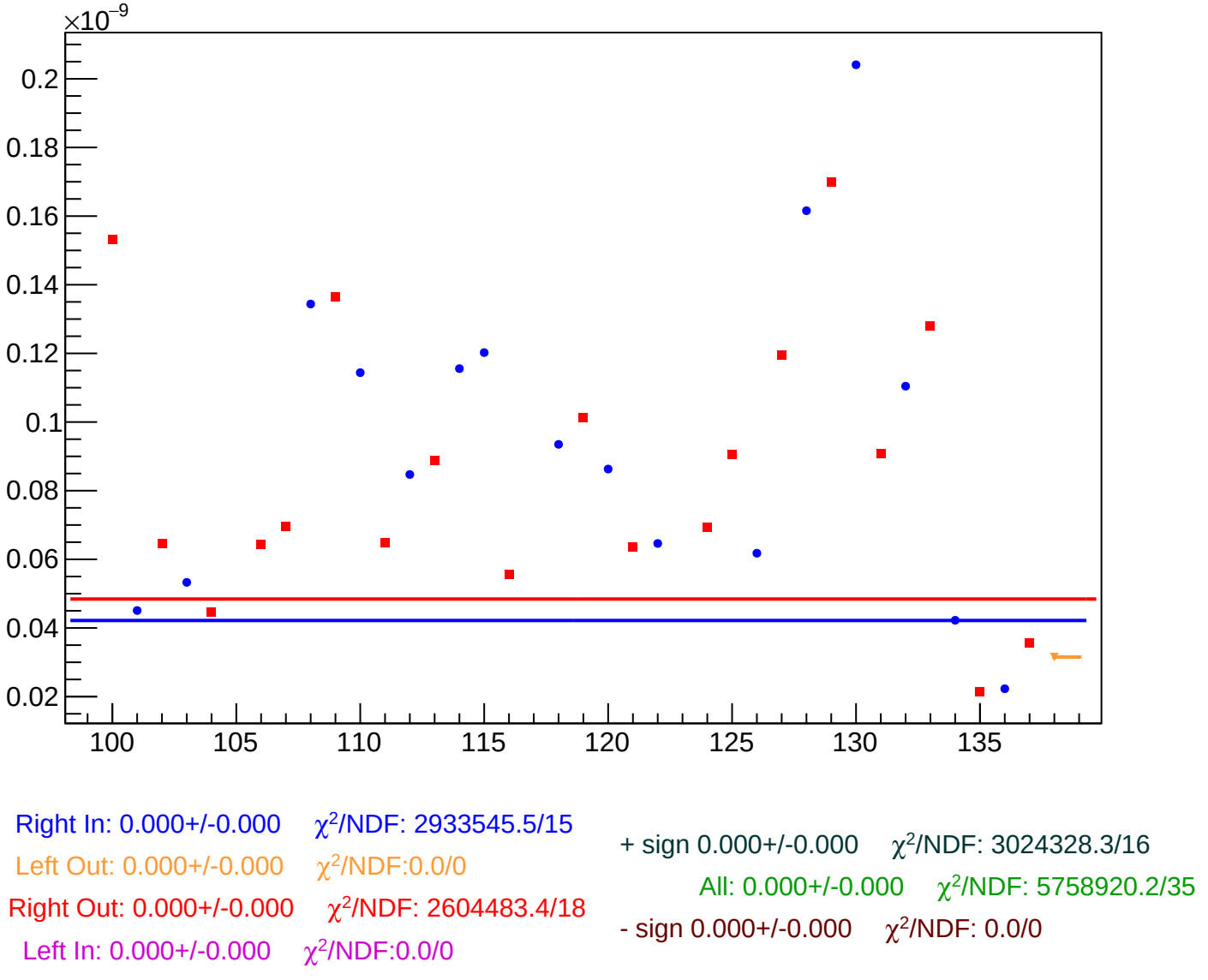
Right Out: 0.000+/-0.000 χ^2/NDF: 21.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

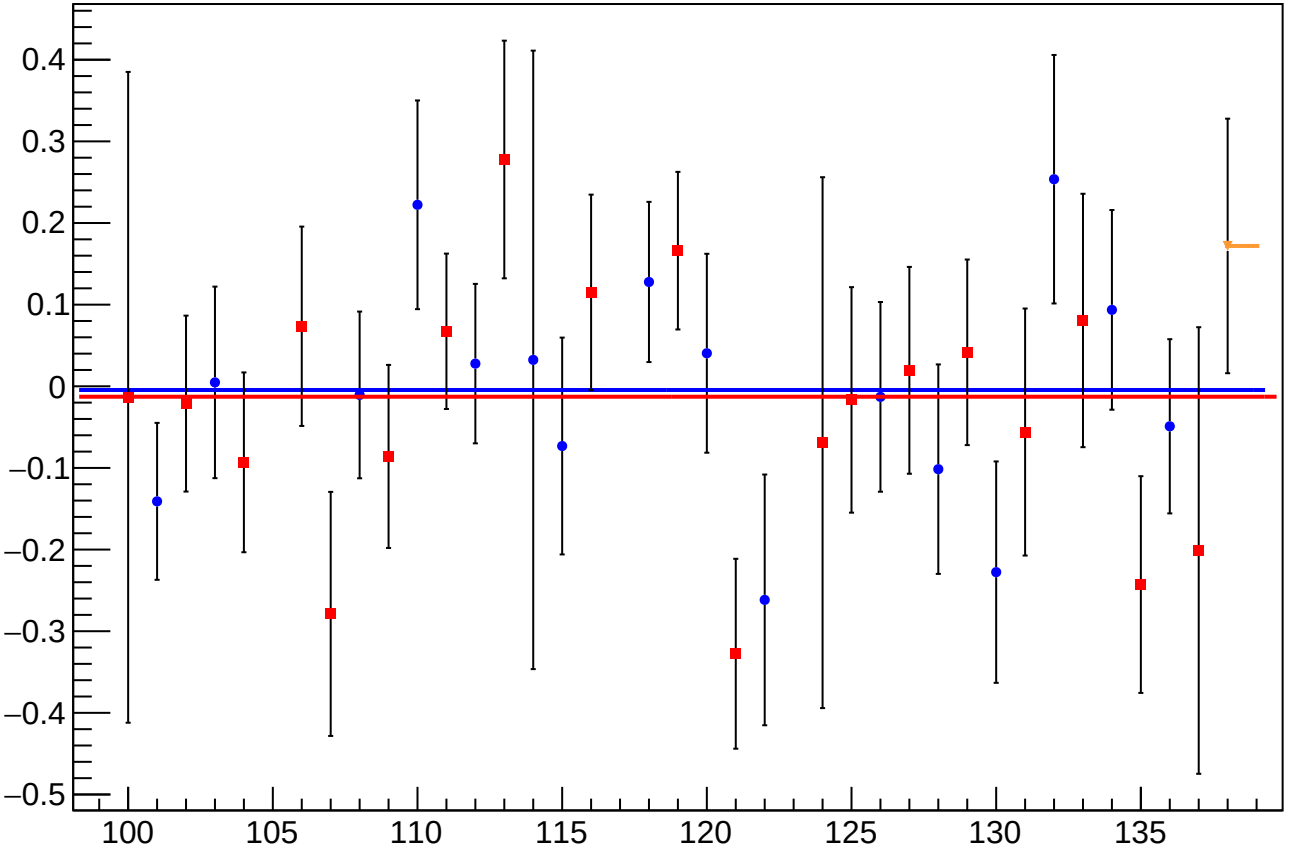
+ sign -0.000+/-0.000 χ^2/NDF: 16.7/16

All: 0.000+/-0.000 χ^2/NDF: 40.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2933545.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2604483.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3024328.3/16
All: 0.000+/-0.000 χ²/NDF: 5758920.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: -0.005+/-0.030 χ^2/NDF: 17.3/15

Left Out: 0.172+/-0.156 χ^2/NDF:0.0/0

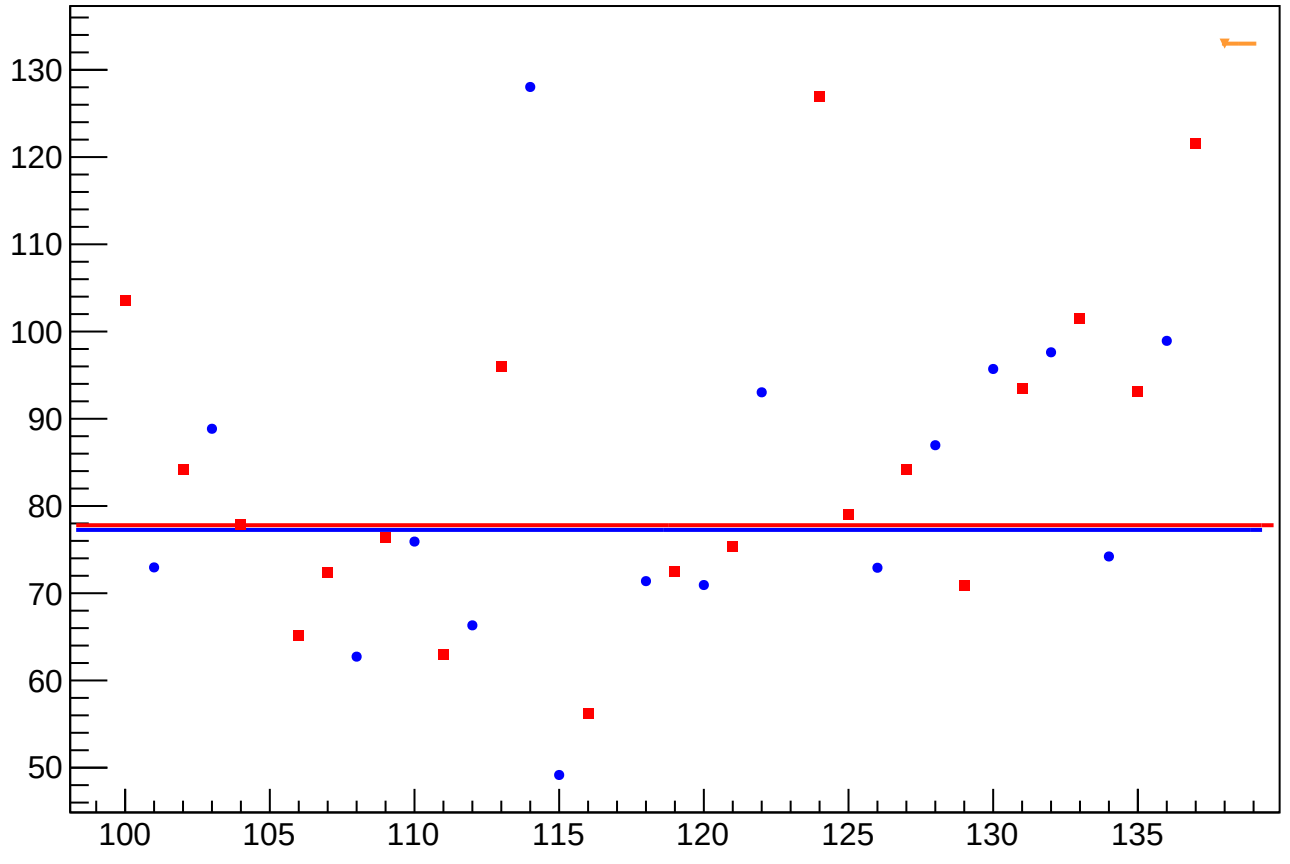
Right Out: -0.013+/-0.030 χ^2/NDF: 25.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.030 χ^2/NDF: 18.5/16

All: -0.005+/-0.021 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 77.259+/-0.021 χ^2/NDF: 419290.2/15

Left Out: 133.005+/-0.110 χ^2/NDF:0.0/0

Right Out: 77.796+/-0.021 χ^2/NDF: 396477.1/18

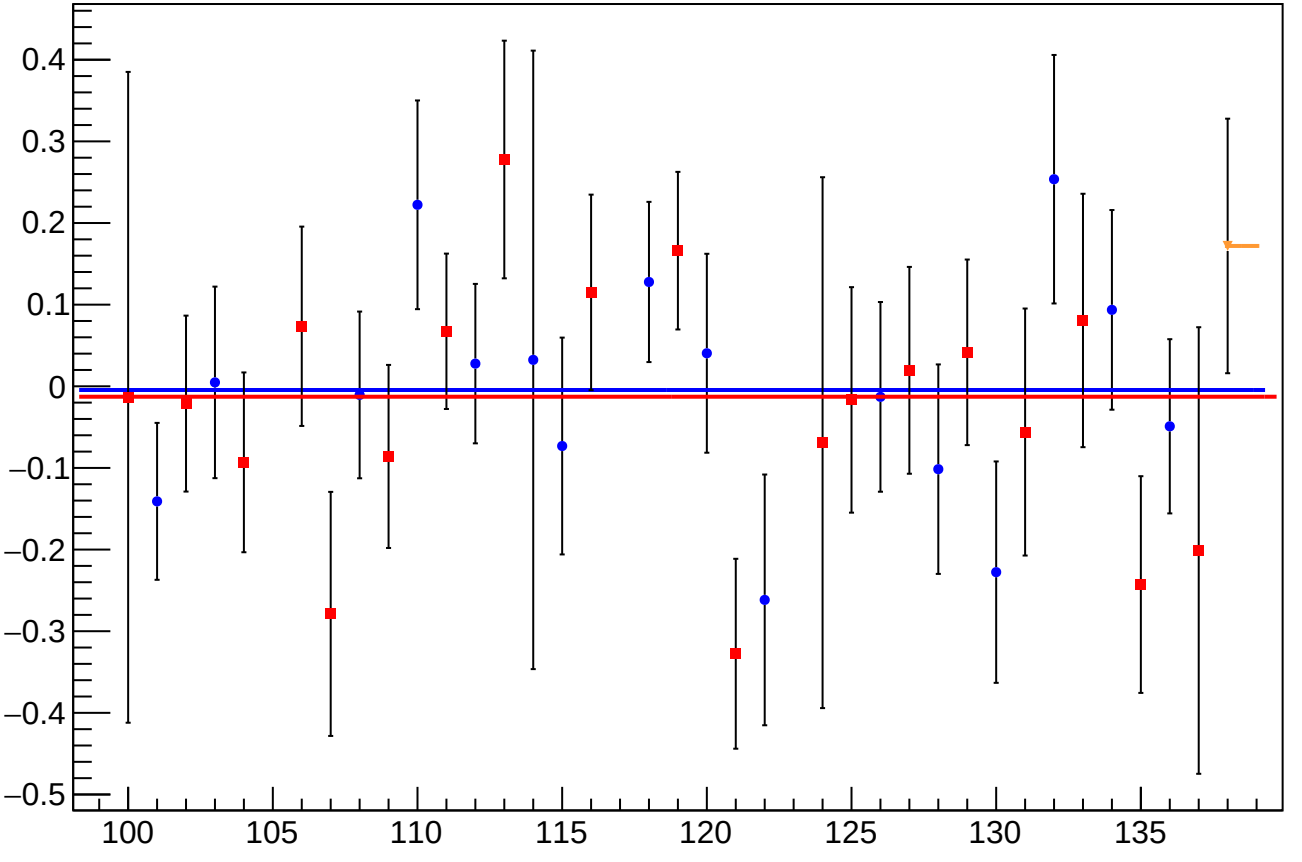
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 79.256+/-0.021 χ^2/NDF: 665852.9/16

All: 78.531+/-0.015 χ^2/NDF: 1064758.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005+/-0.030 χ^2/NDF: 17.3/15

Left Out: 0.172+/-0.156 χ^2/NDF:0.0/0

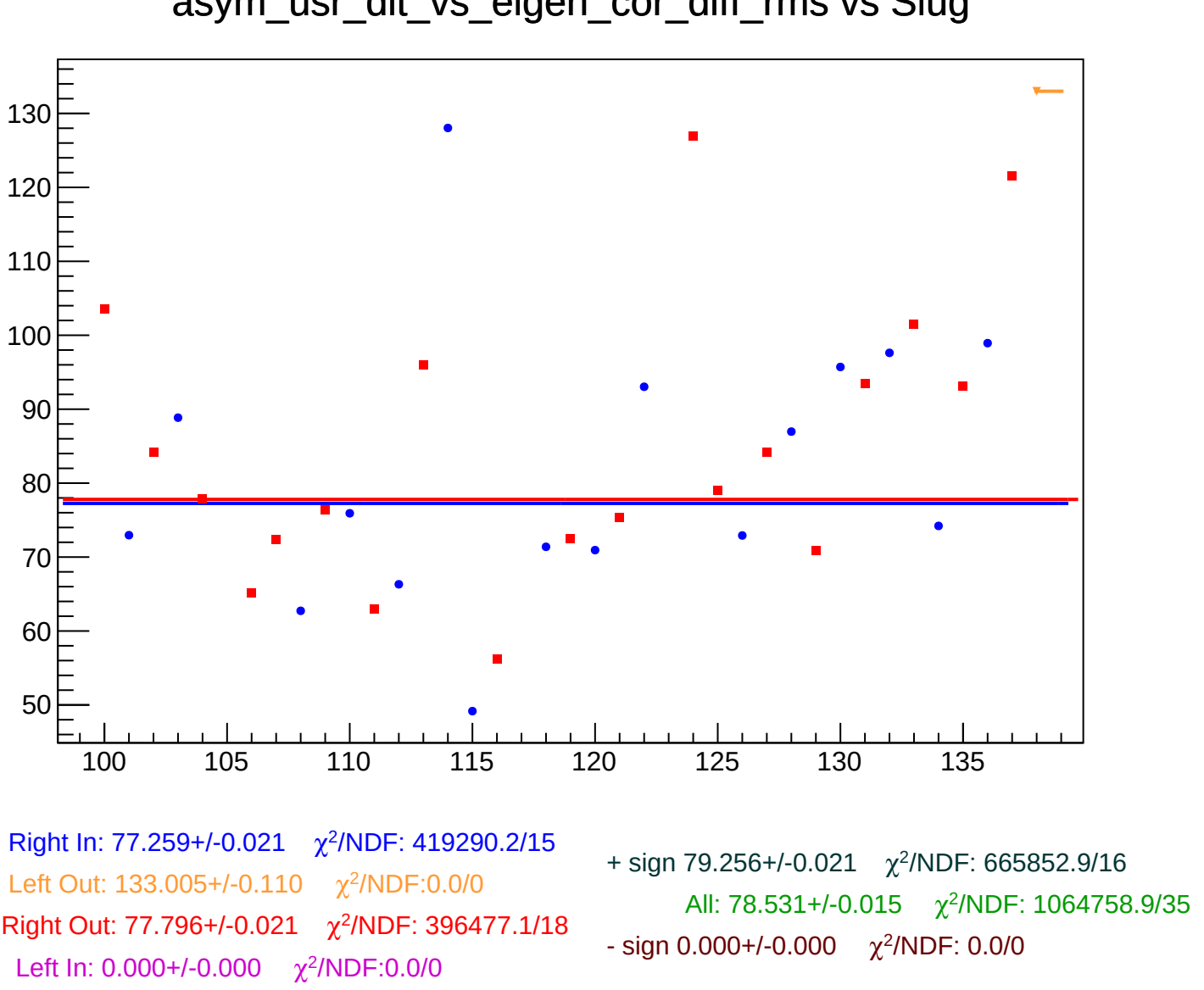
Right Out: -0.013+/-0.030 χ^2/NDF: 25.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

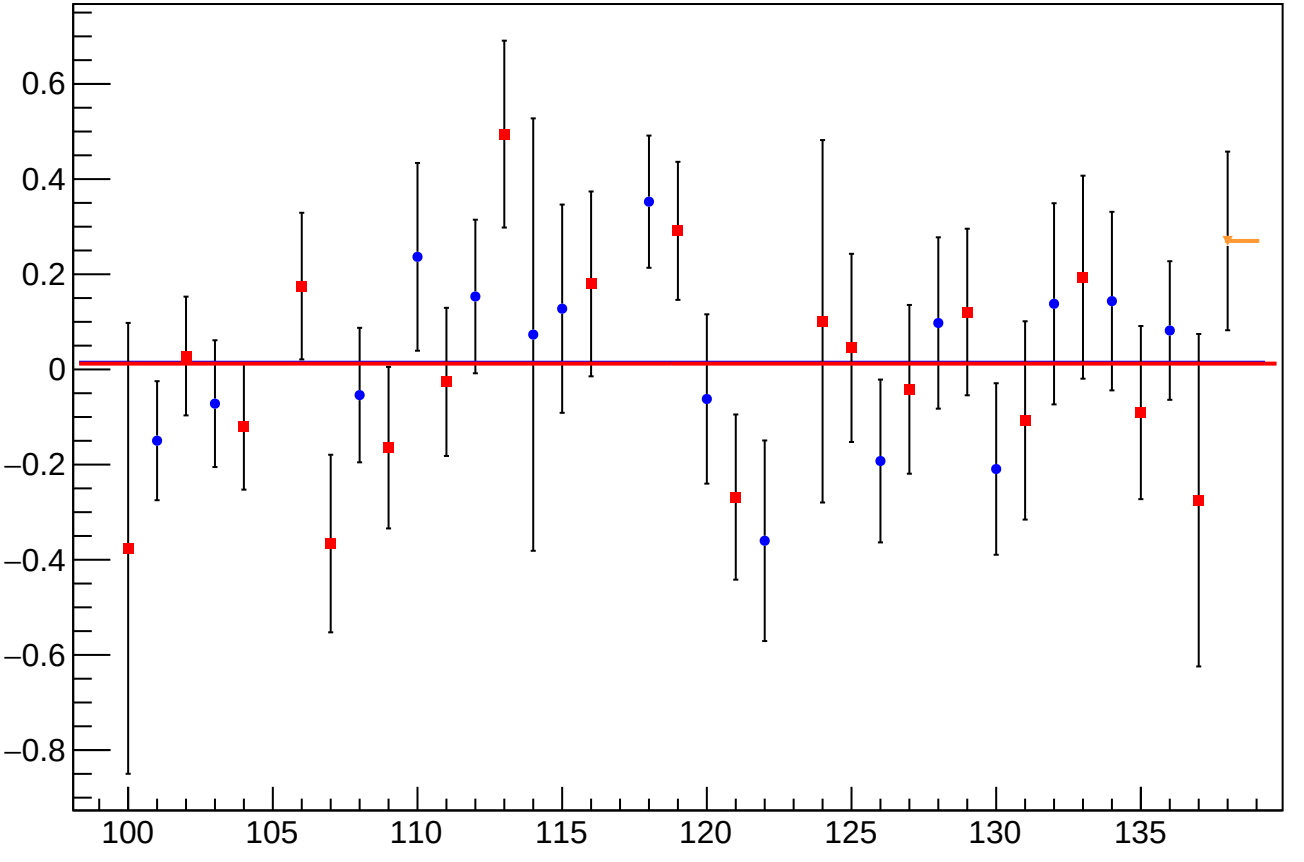
+ sign 0.002+/-0.030 χ^2/NDF: 18.5/16

All: -0.005+/-0.021 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_dit_vs_eigen_cor_diff_rms vs Slug
130
120
110
100
90
80
70
60
50
100
105
110
115
120
125
130
135
Right In: 77.259+/-0.021 χ²/NDF: 419290.2/15
Left Out: 133.005+/-0.110 χ²/NDF:0.0/0
Right Out: 77.796+/-0.021 χ²/NDF: 396477.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 79.256+/-0.021 χ²/NDF: 665852.9/16
All: 78.531+/-0.015 χ²/NDF: 1064758.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.014+/-0.042 χ^2/NDF: 18.2/15

Left Out: 0.270+/-0.188 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.041 χ^2/NDF: 23.8/18

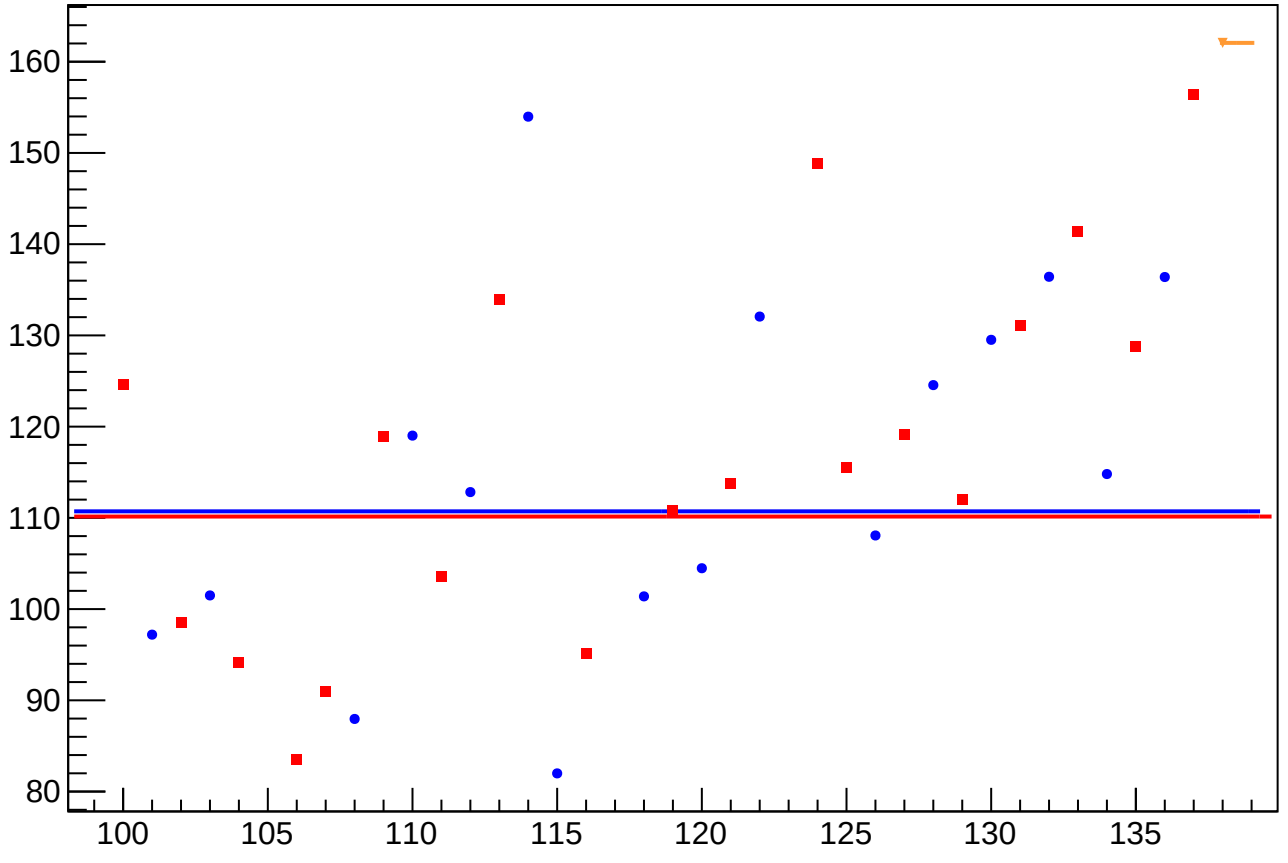
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.026+/-0.041 χ^2/NDF: 20.0/16

All: 0.019+/-0.029 χ^2/NDF: 43.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 110.714+/-0.030 χ^2/NDF: 299972.8/15

Left Out: 162.064+/-0.133 χ^2/NDF:0.0/0

Right Out: 110.145+/-0.029 χ^2/NDF: 326726.5/18

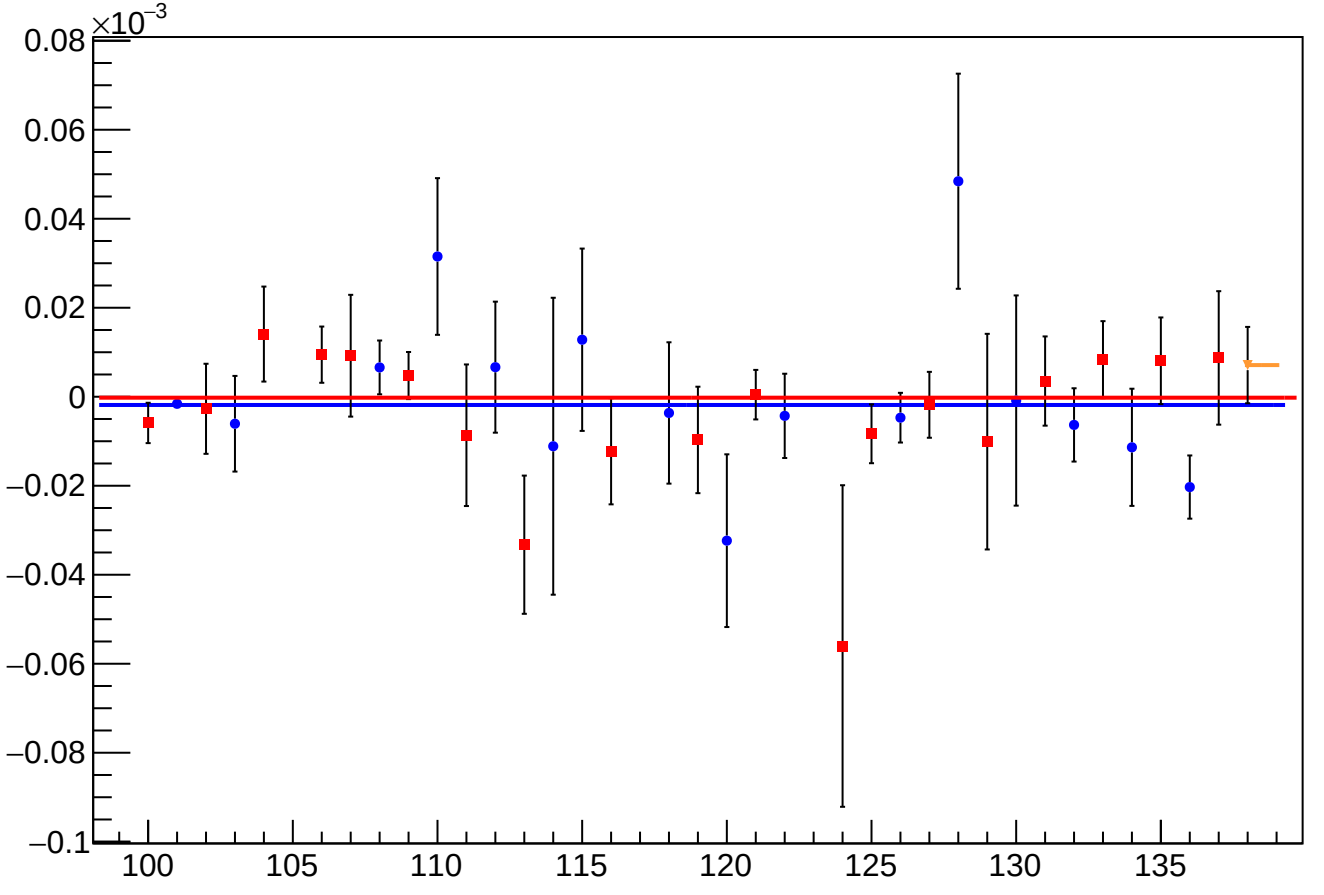
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.192+/-0.029 χ^2/NDF: 442392.2/16

All: 111.671+/-0.021 χ^2/NDF: 774570.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 21.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 19.9/18

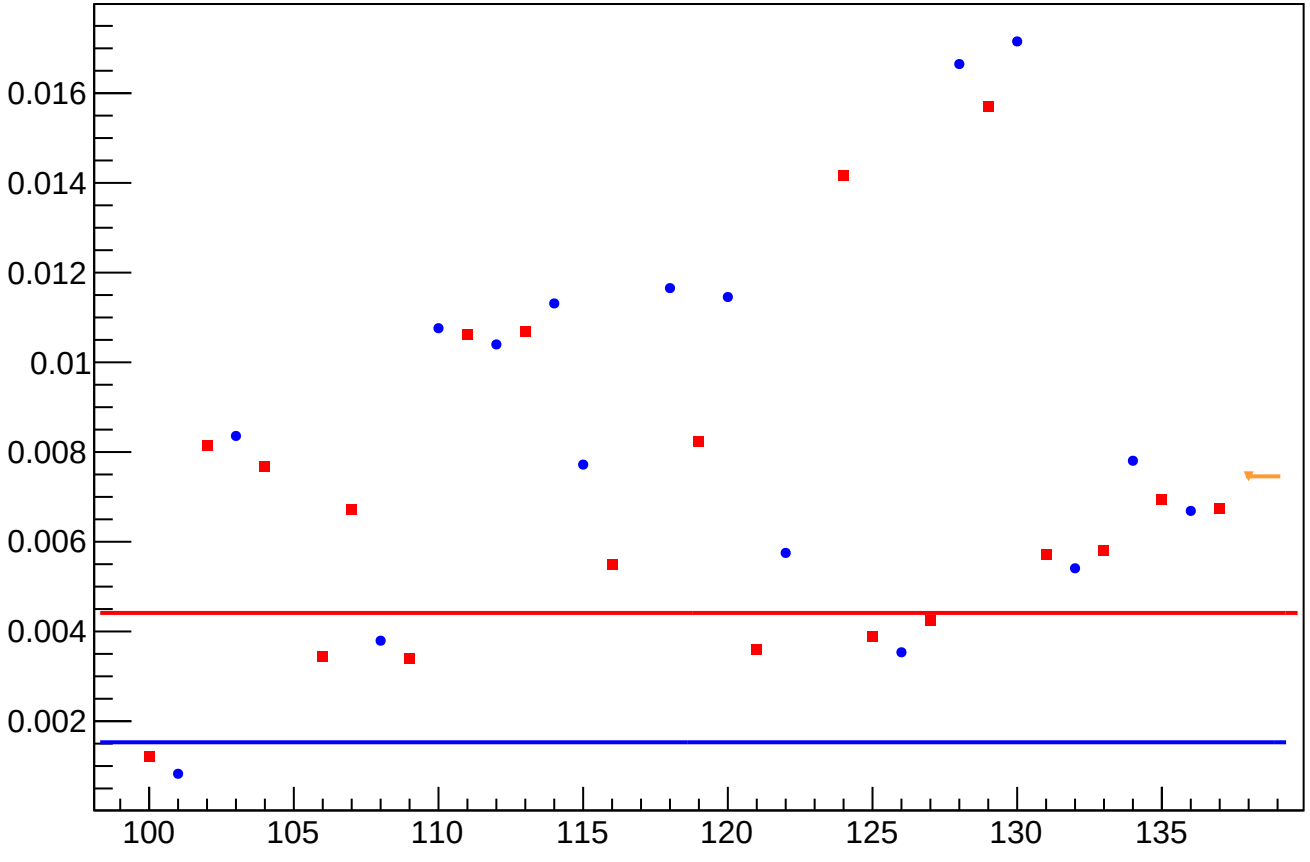
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.5/16

All: -0.000+/-0.000 χ^2/NDF: 42.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 9222940.9/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF: 3388069.5/18

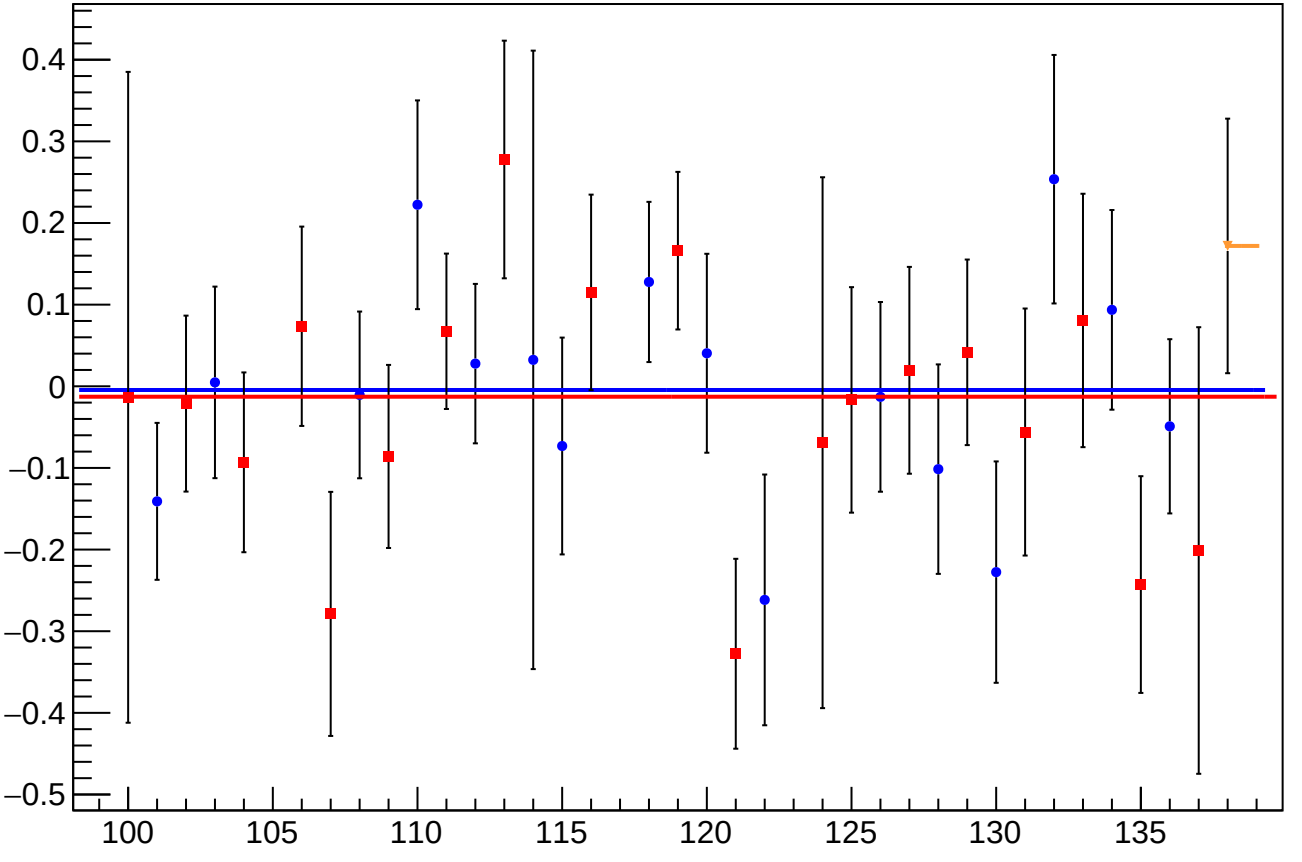
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 10165830.2/16

All: 0.002+/-0.000 χ^2/NDF: 16951214.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005+/-0.030 χ^2/NDF: 17.3/15

Left Out: 0.172+/-0.156 χ^2/NDF:0.0/0

Right Out: -0.013+/-0.030 χ^2/NDF: 25.5/18

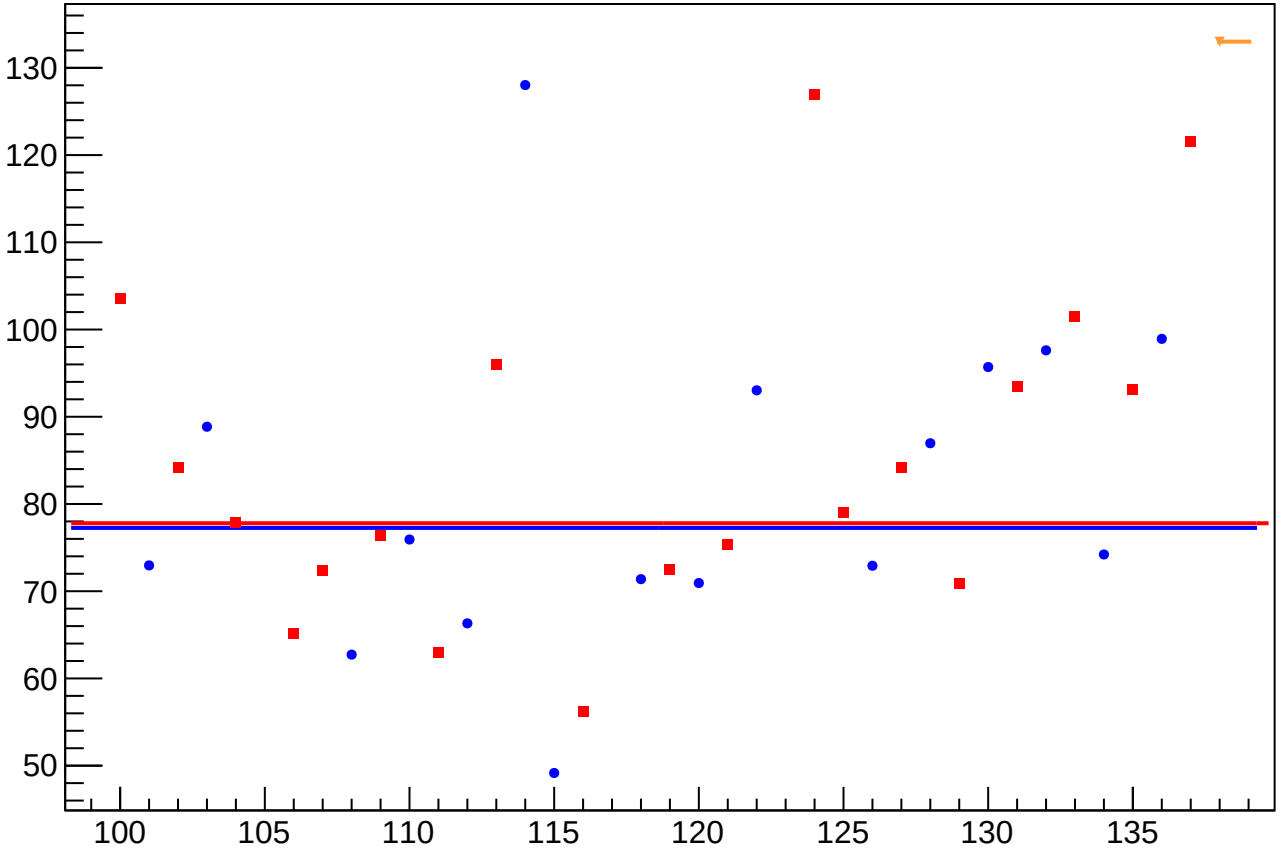
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.030 χ^2/NDF: 18.5/16

All: -0.005+/-0.021 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 77.257+/-0.021 χ^2/NDF: 419276.8/15

Left Out: 133.006+/-0.110 χ^2/NDF:0.0/0

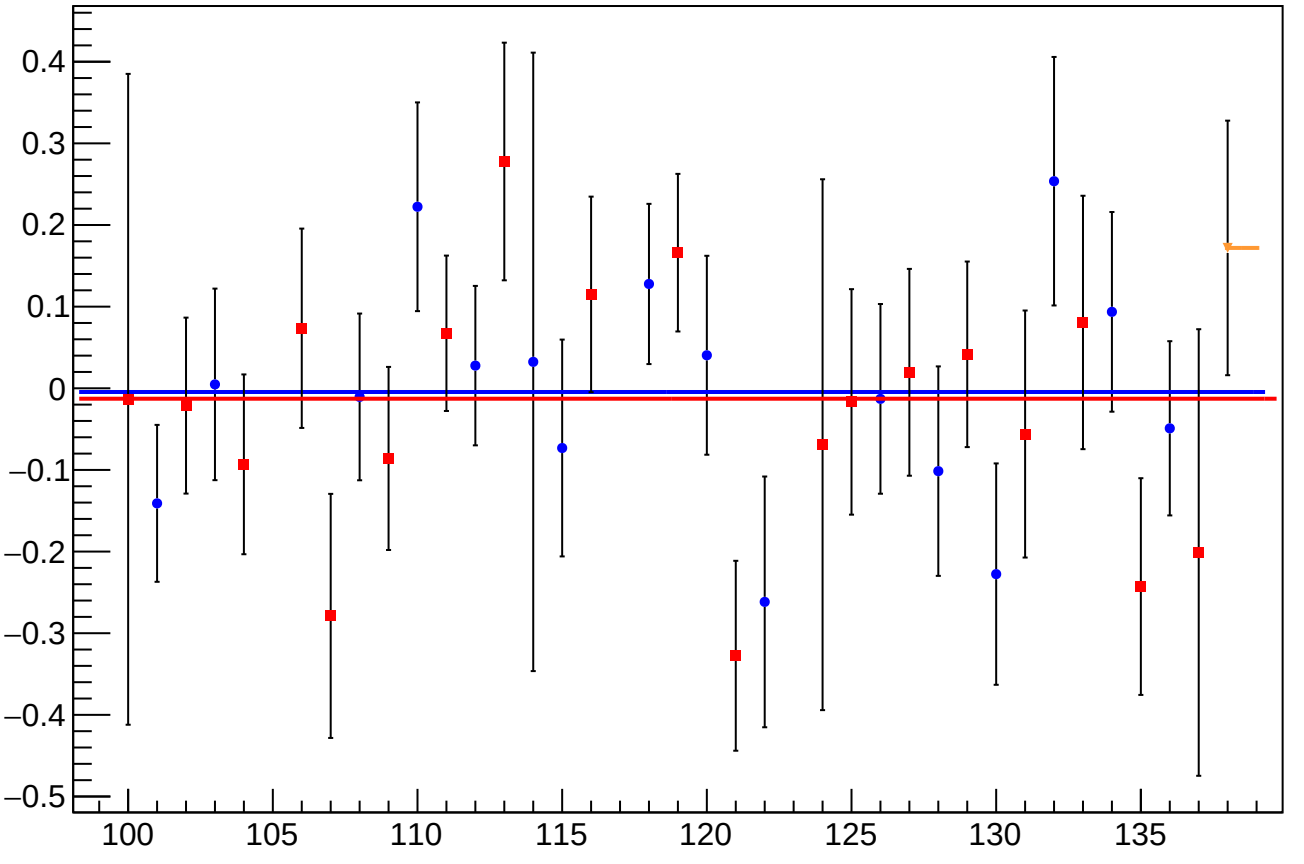
Right Out: 77.795+/-0.021 χ^2/NDF: 396473.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 79.254+/-0.021 χ^2/NDF: 665857.9/16

All: 78.530+/-0.015 χ^2/NDF: 1064760.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.005+/-0.030 χ^2/NDF: 17.3/15

Left Out: 0.172+/-0.156 χ^2/NDF:0.0/0

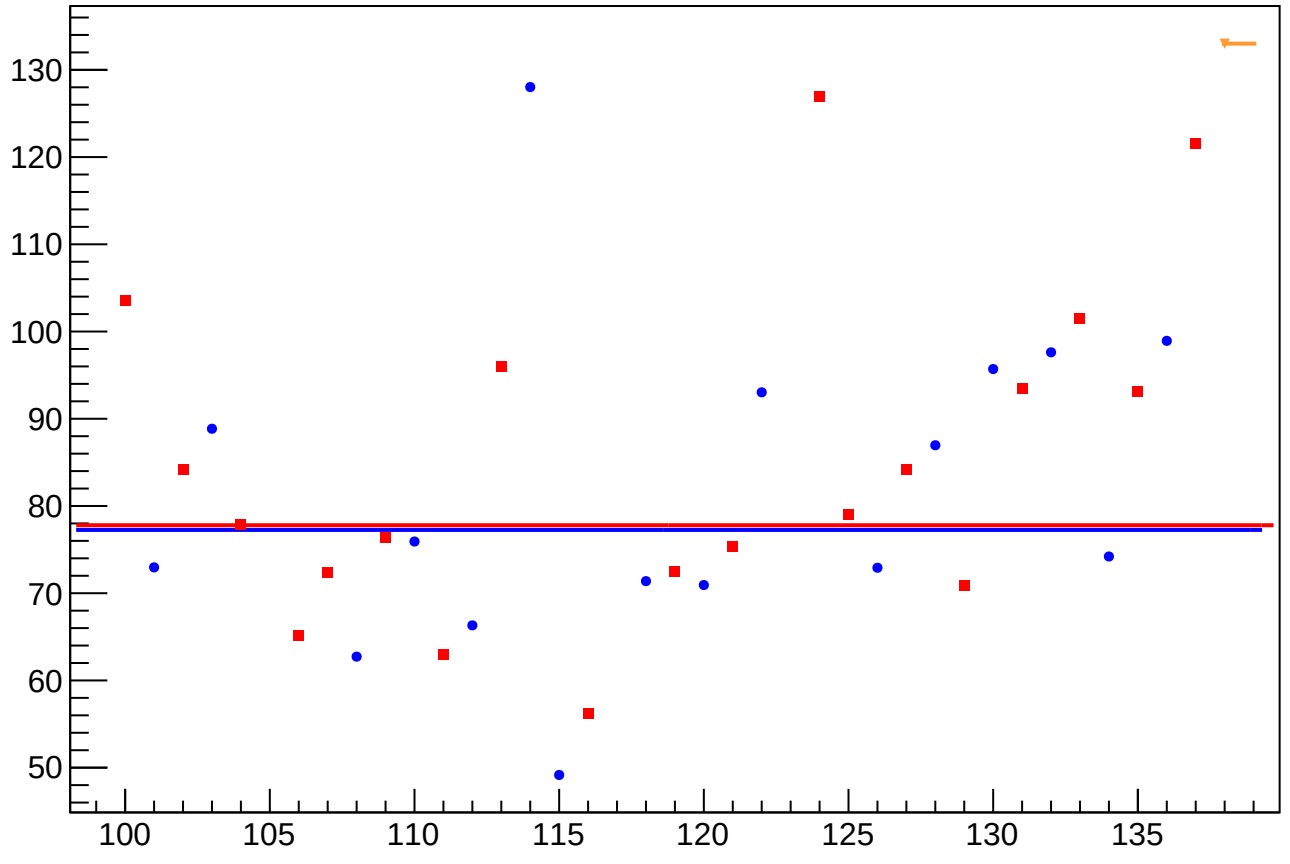
Right Out: -0.013+/-0.030 χ^2/NDF: 25.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.030 χ^2/NDF: 18.5/16

All: -0.005+/-0.021 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 77.257+/-0.021 χ^2/NDF: 419276.8/15

Left Out: 133.006+/-0.110 χ^2/NDF:0.0/0

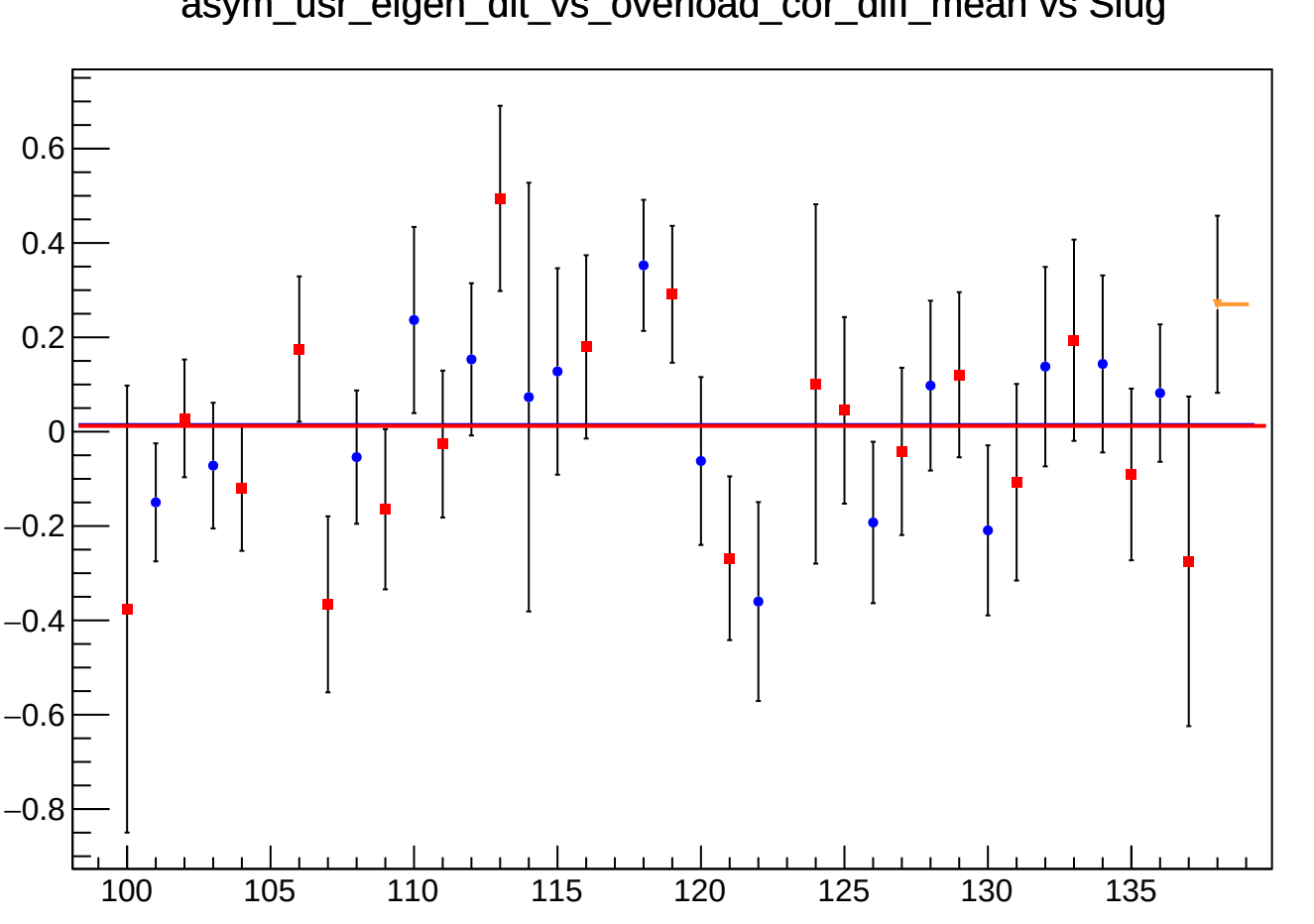
Right Out: 77.795+/-0.021 χ^2/NDF: 396473.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 79.254+/-0.021 χ^2/NDF: 665857.9/16

All: 78.530+/-0.015 χ^2/NDF: 1064760.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.042 χ^2/NDF: 18.2/15

Left Out: 0.270+/-0.188 χ^2/NDF:0.0/0

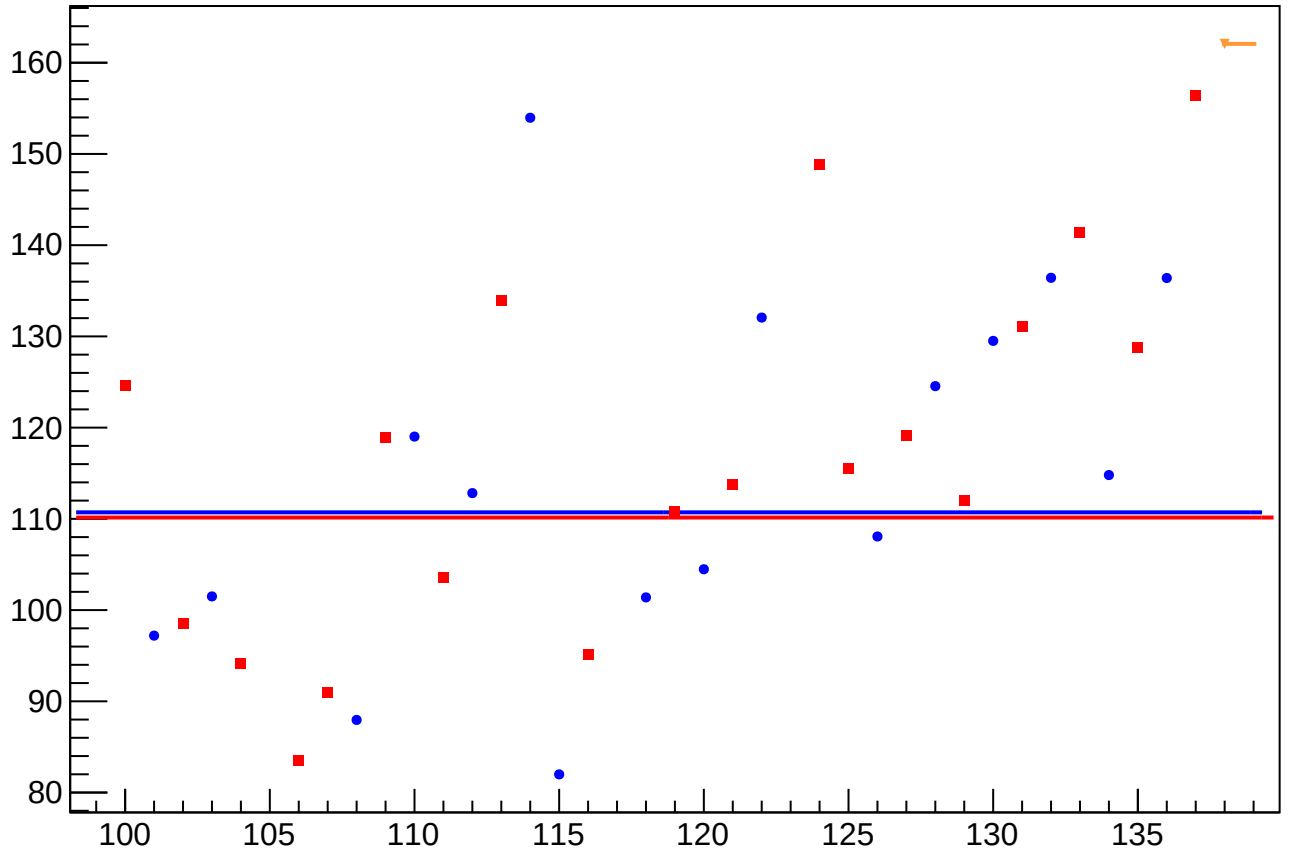
Right Out: 0.012+/-0.041 χ^2/NDF: 23.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.026+/-0.041 χ^2/NDF: 20.0/16

All: 0.019+/-0.029 χ^2/NDF: 43.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 110.714+/-0.030 χ^2/NDF: 299948.2/15

Left Out: 162.064+/-0.133 χ^2/NDF:0.0/0

Right Out: 110.144+/-0.029 χ^2/NDF: 326696.7/18

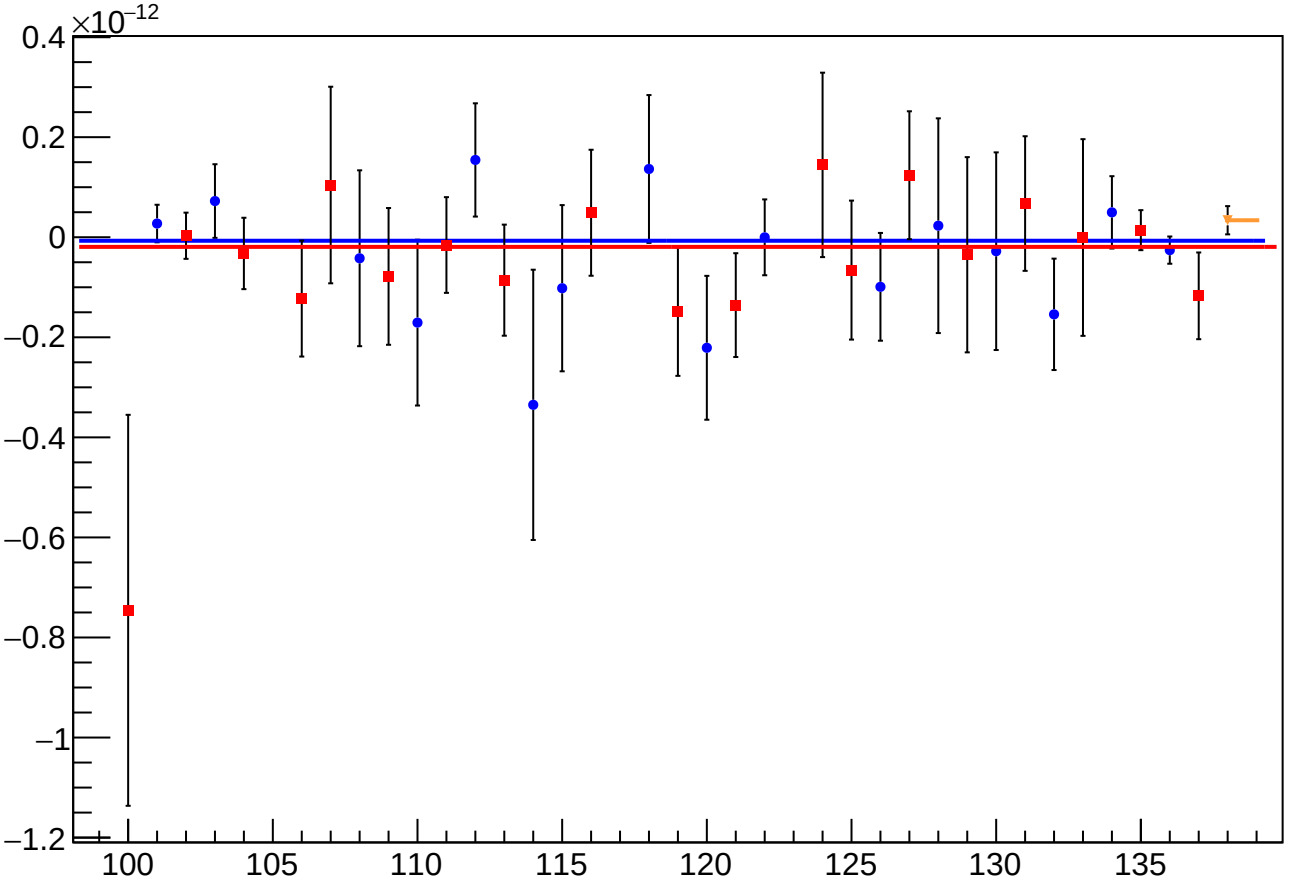
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.191+/-0.029 χ^2/NDF: 442373.5/16

All: 111.670+/-0.021 χ^2/NDF: 774521.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

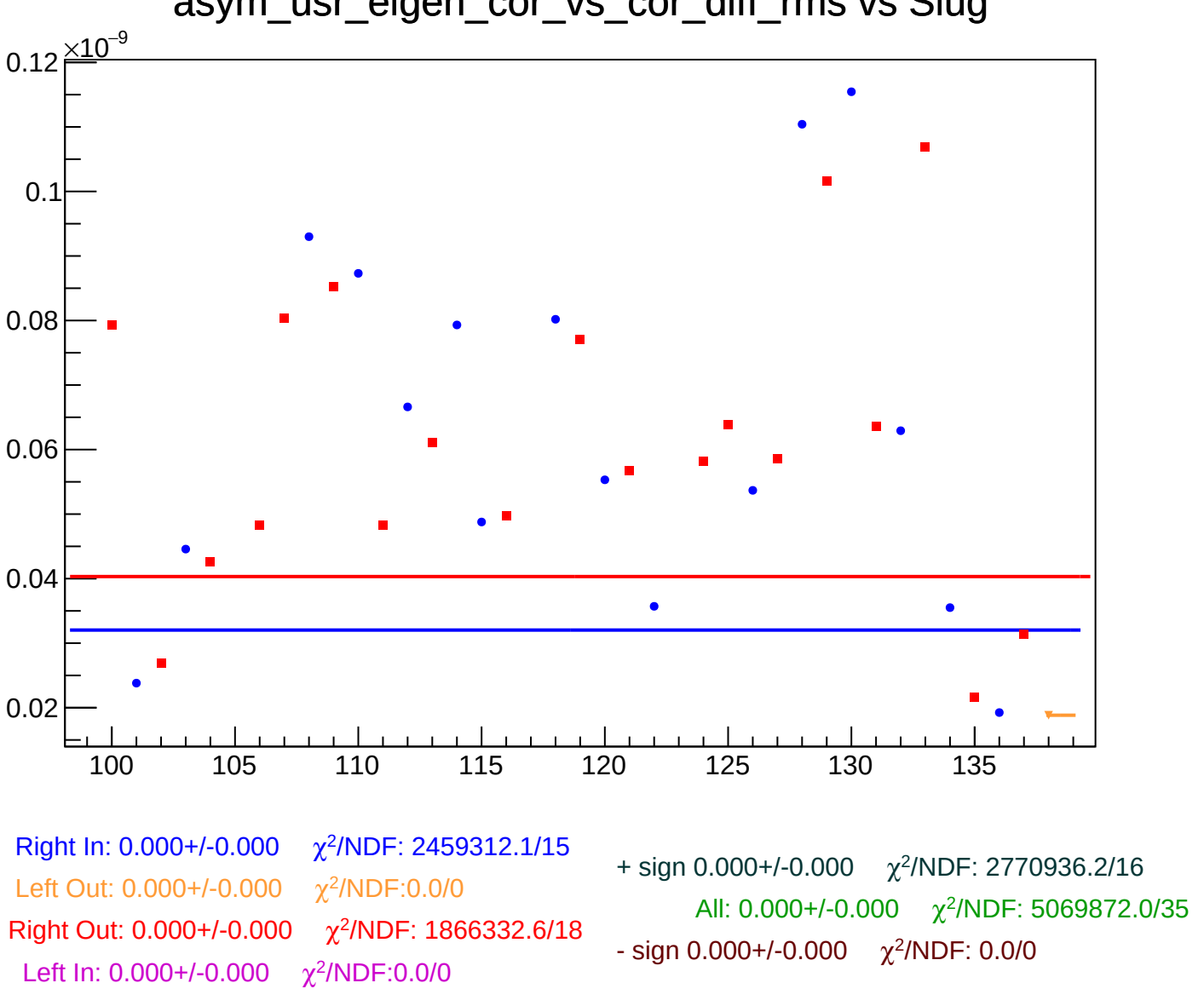
Right Out: -0.000+/-0.000 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

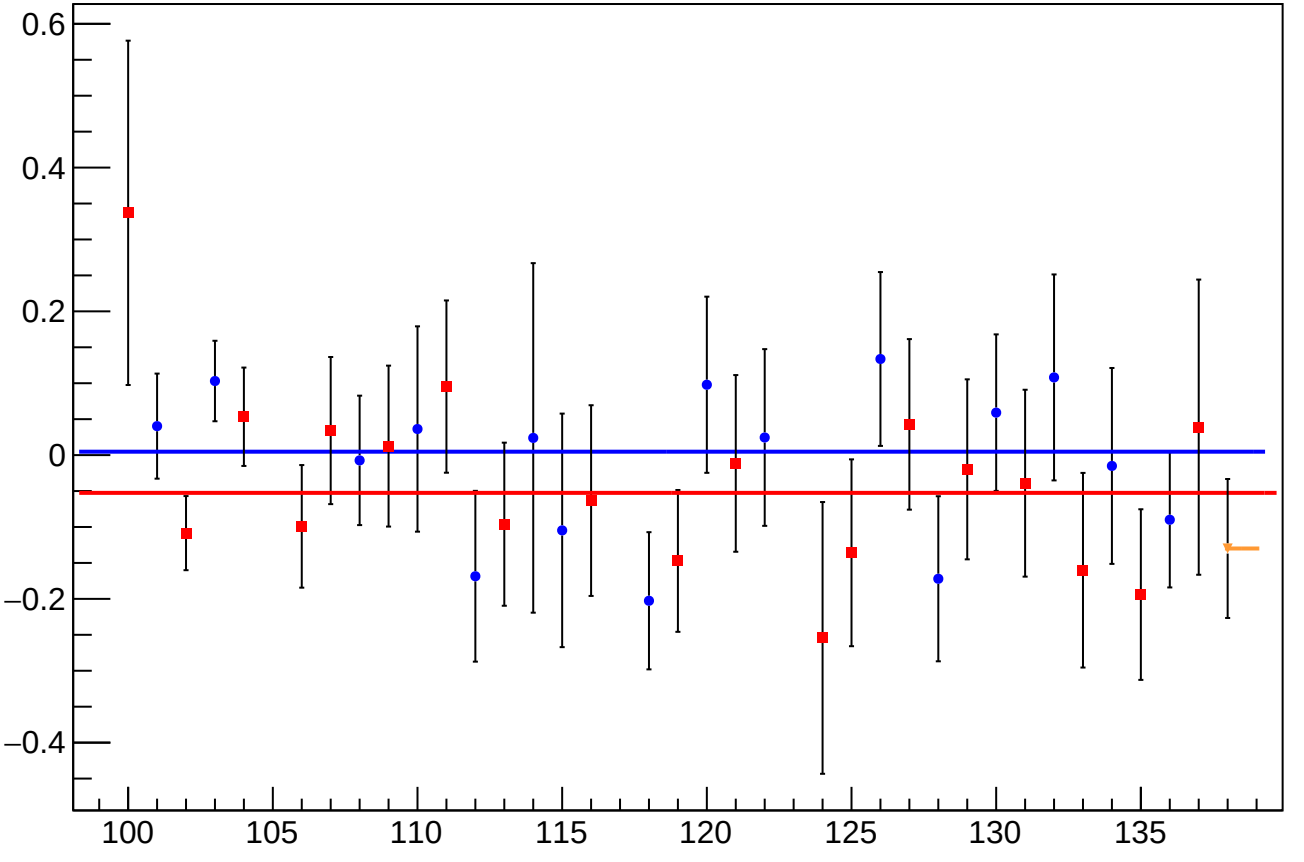
+ sign 0.000+/-0.000 χ^2/NDF: 15.1/16

All: -0.000+/-0.000 χ^2/NDF: 28.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2459312.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1866332.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2770936.2/16
All: 0.000+/-0.000 χ²/NDF: 5069872.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.005+/-0.026 χ^2/NDF: 16.6/15

Left Out: -0.130+/-0.097 χ^2/NDF:0.0/0

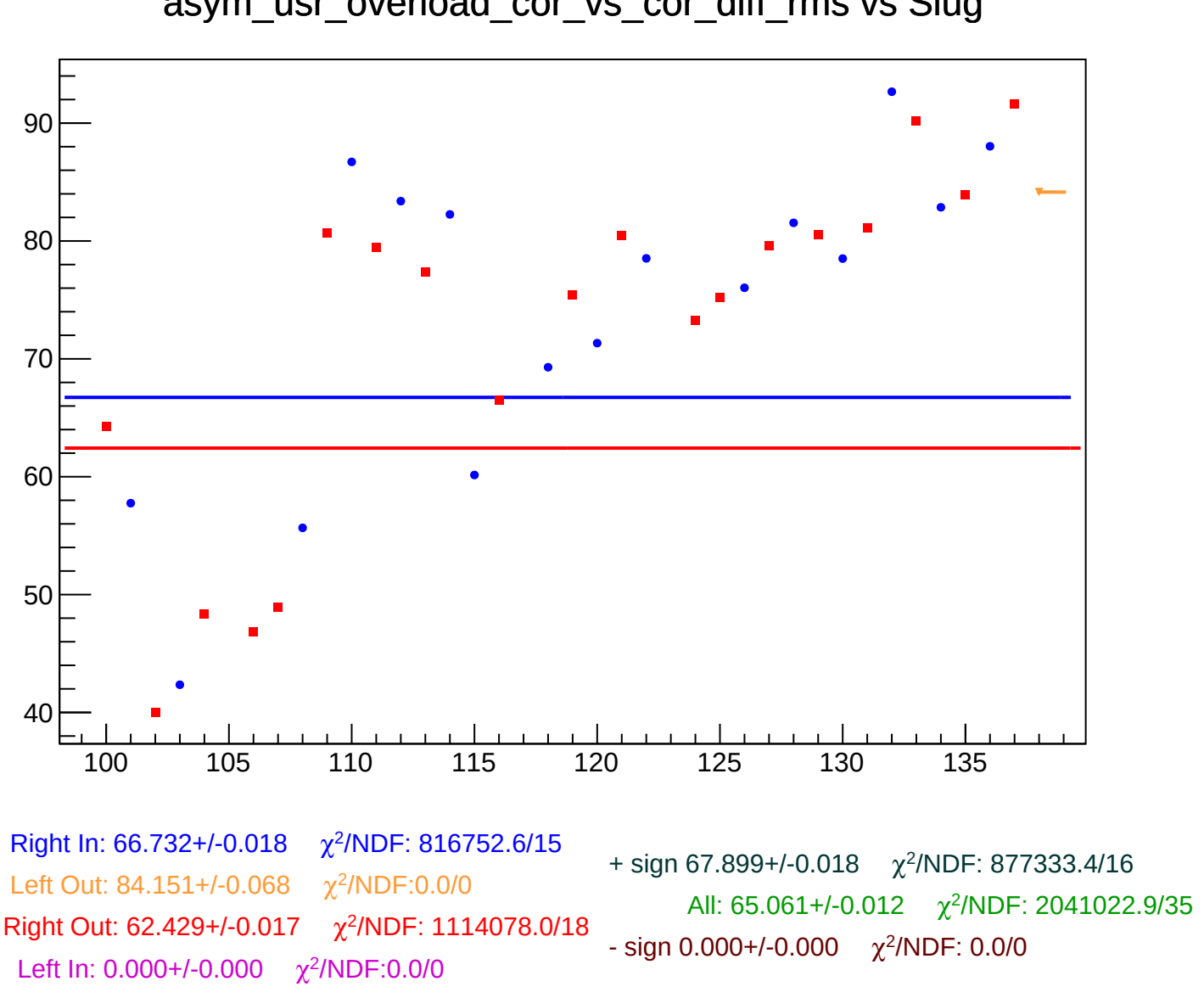
Right Out: -0.053+/-0.024 χ^2/NDF: 14.8/18

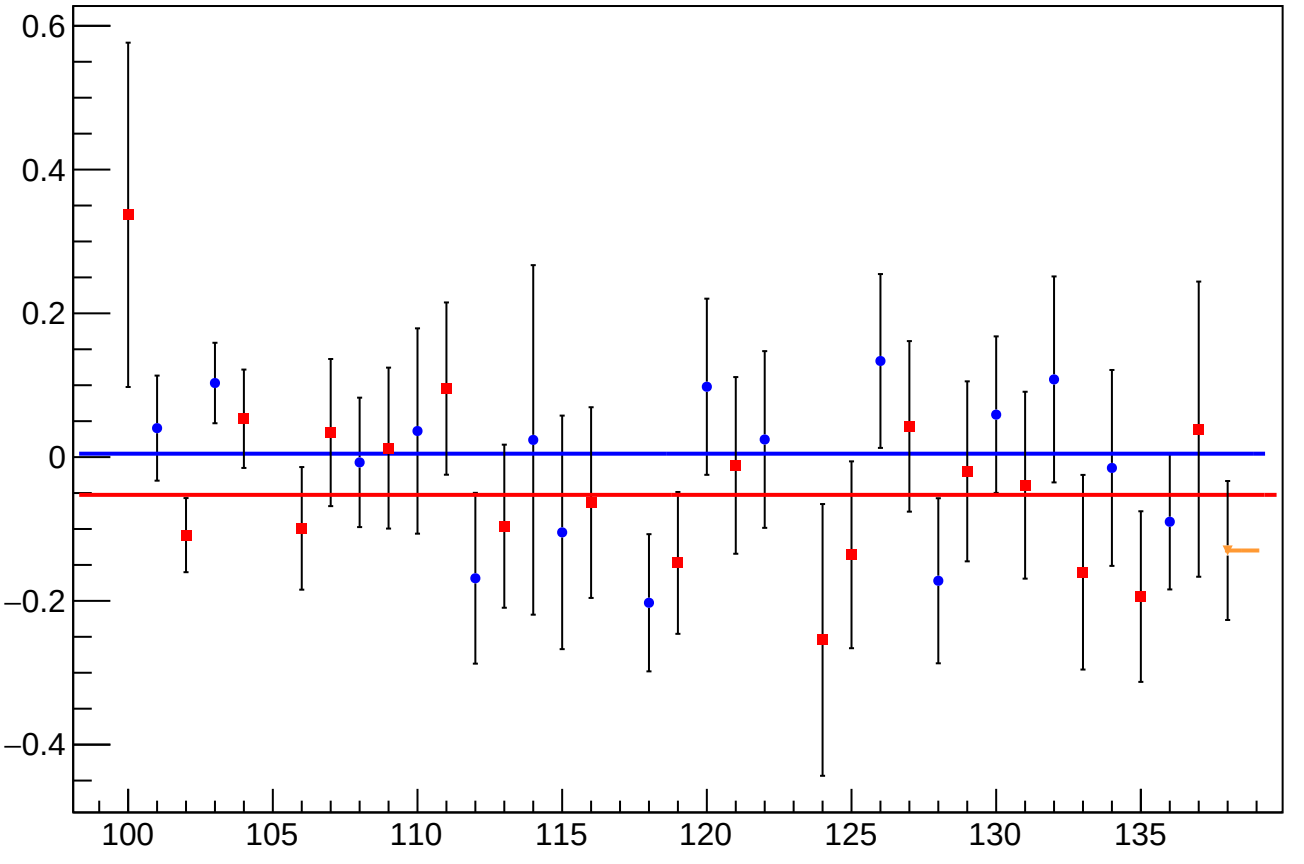
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.004+/-0.025 χ^2/NDF: 18.4/16

All: -0.029+/-0.017 χ^2/NDF: 35.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_overload_cor_vs_cor_diff_rms vs Slug
90
80
70
60
50
40
100
105
110
115
120
125
130
135
Right In: 66.732+/-0.018 χ²/NDF: 816752.6/15
Left Out: 84.151+/-0.068 χ²/NDF:0.0/0
Right Out: 62.429+/-0.017 χ²/NDF: 1114078.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 67.899+/-0.018 χ²/NDF: 877333.4/16
All: 65.061+/-0.012 χ²/NDF: 2041022.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.005+/-0.026 χ^2/NDF: 16.6/15

Left Out: -0.130+/-0.097 χ^2/NDF:0.0/0

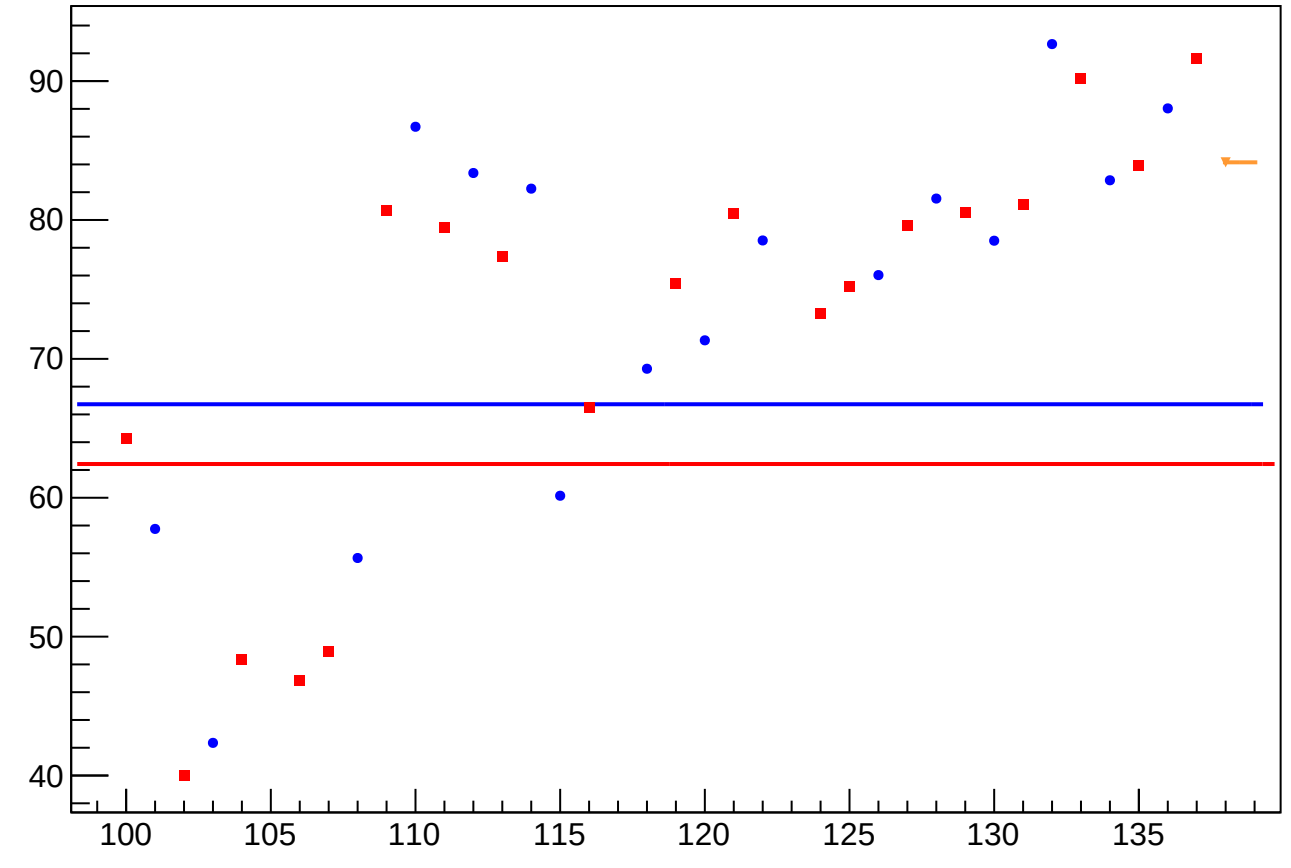
Right Out: -0.053+/-0.024 χ^2/NDF: 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.004+/-0.025 χ^2/NDF: 18.4/16

All: -0.029+/-0.017 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 66.732+/-0.018 χ^2/NDF: 816752.6/15

Left Out: 84.151+/-0.068 χ^2/NDF:0.0/0

Right Out: 62.429+/-0.017 χ^2/NDF: 1114078.0/18

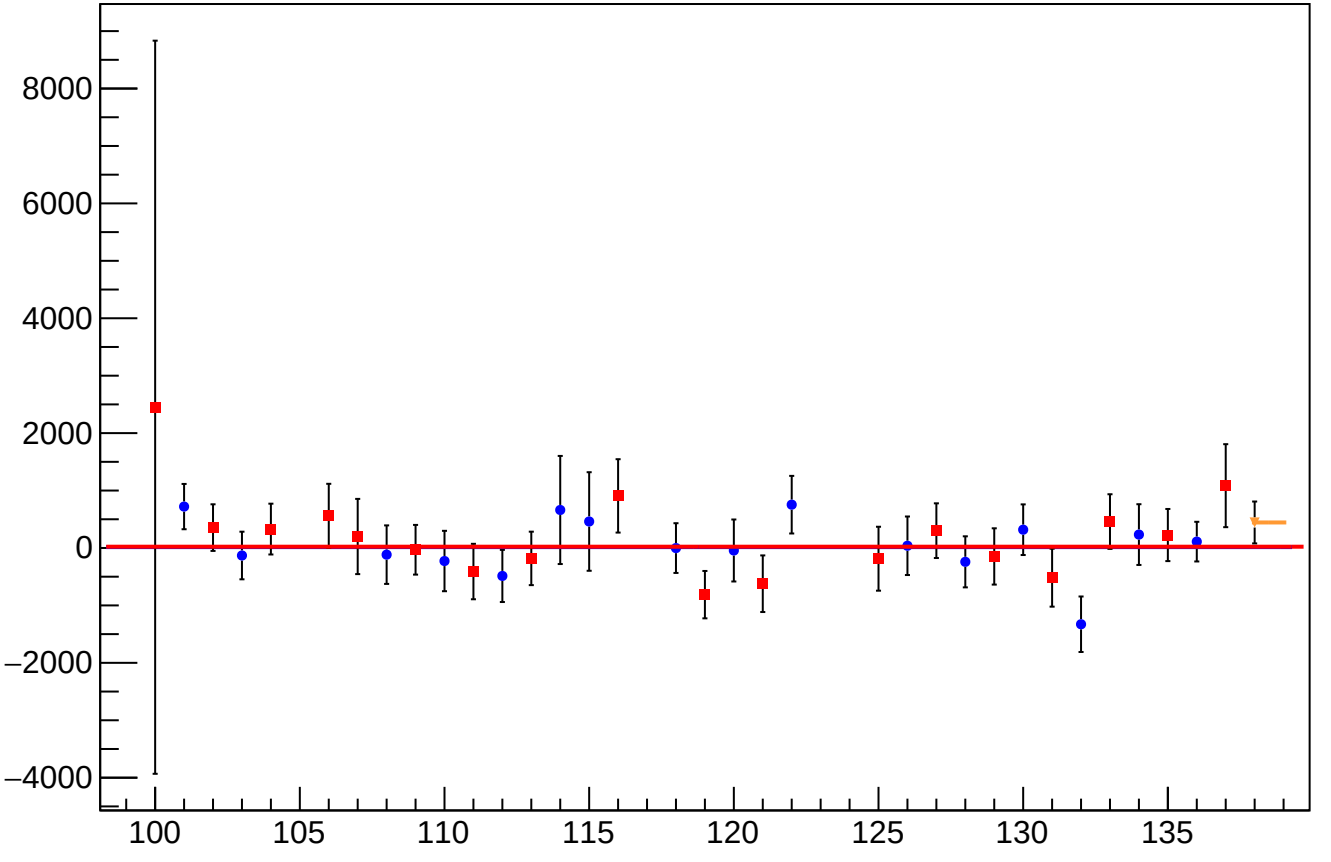
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 67.899+/-0.018 χ^2/NDF: 877333.4/16

All: 65.061+/-0.012 χ^2/NDF: 2041022.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_dsl_mean vs Slug



Right In: 15.517+/-119.431 χ^2/NDF: 16.5/15

Left Out: 444.296+/-364.655 χ^2/NDF:0.0/0

Right Out: 22.145+/-119.211 χ^2/NDF: 16.0/17

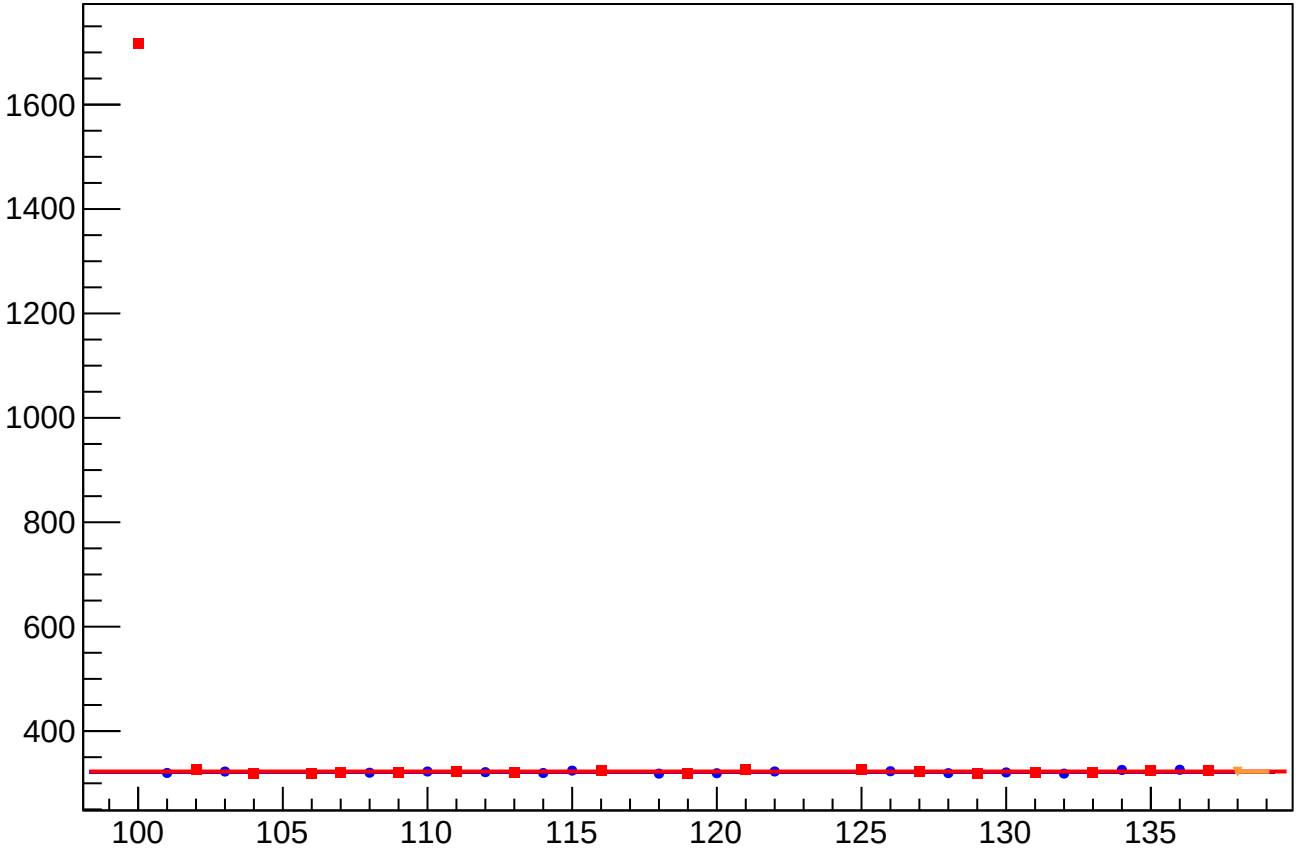
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 57.056+/-113.499 χ^2/NDF: 17.8/16

All: 40.457+/-82.201 χ^2/NDF: 33.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_dsl_rms vs Slug



Right In: 321.604+/-0.084 χ^2/NDF: 822.9/15

Left Out: 322.136+/-0.258 χ^2/NDF:0.0/0

Right Out: 322.553+/-0.084 χ^2/NDF: 96891.9/17

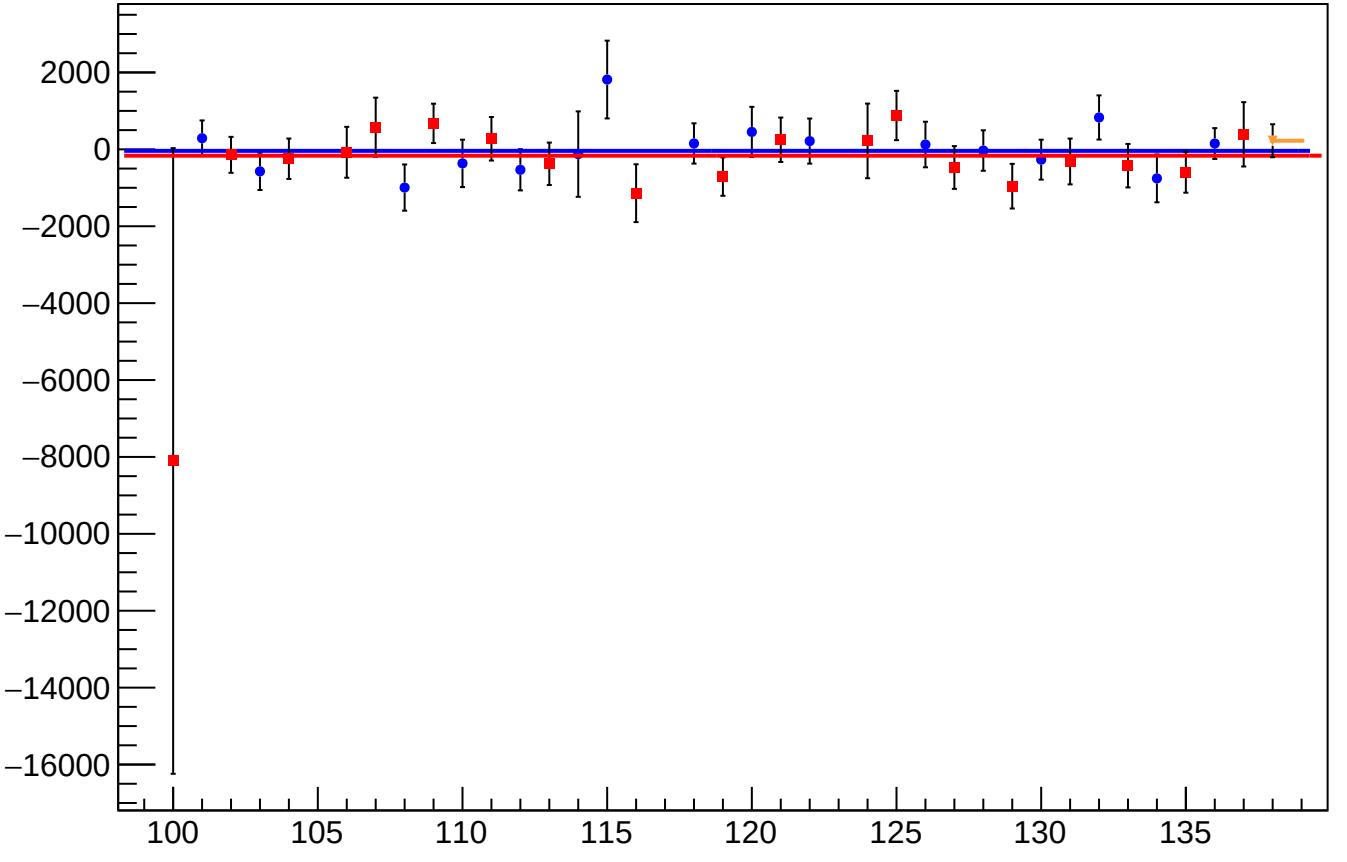
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 321.655+/-0.080 χ^2/NDF: 826.7/16

All: 322.082+/-0.058 χ^2/NDF: 97778.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_dsr_mean vs Slug



Right In: -38.914+/-140.720 χ^2/NDF: 13.7/15

Left Out: 224.052+/-428.857 χ^2/NDF:0.0/0

Right Out: -164.639+/-138.962 χ^2/NDF: 15.1/18

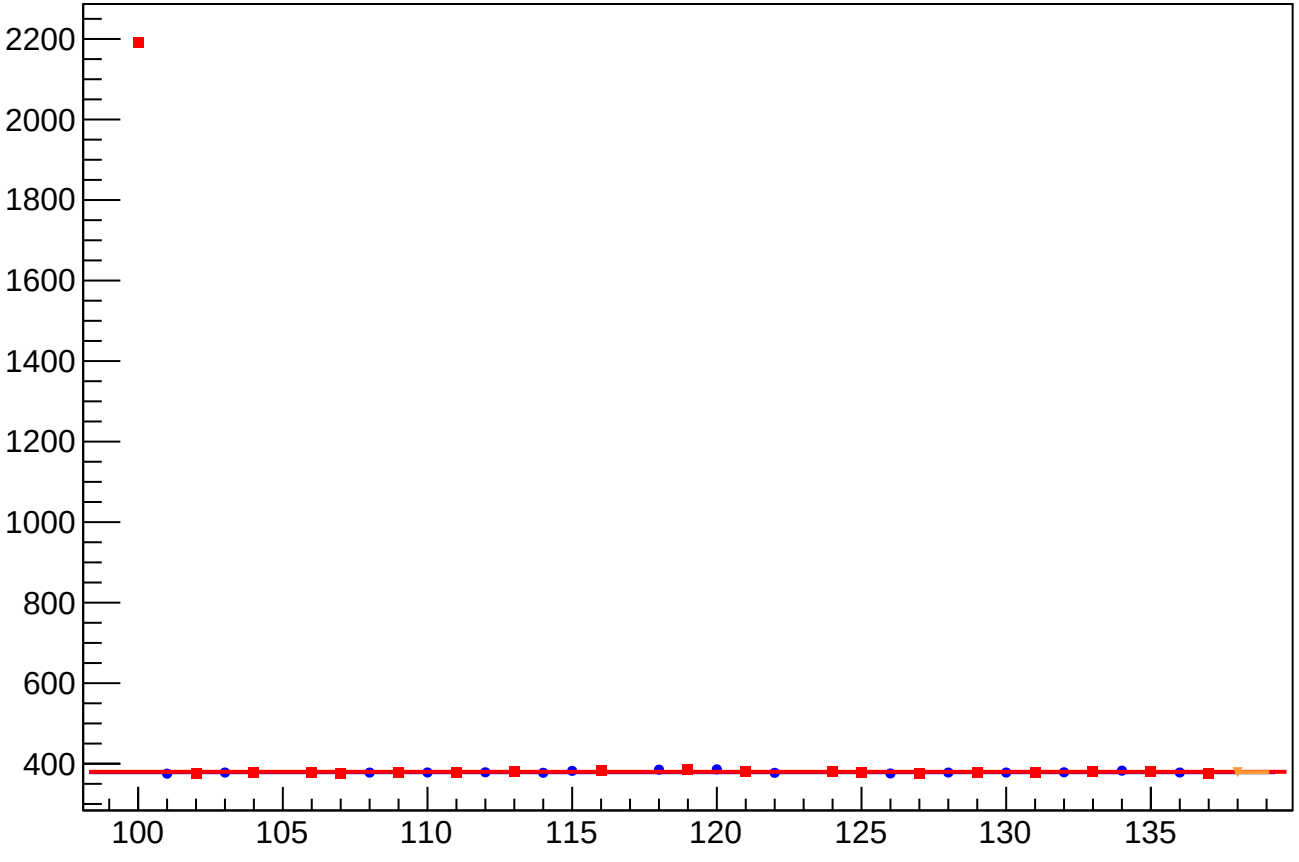
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -13.354+/-133.706 χ^2/NDF: 14.1/16

All: -86.081+/-96.349 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_dsr_rms vs Slug



Right In: 378.910+/-0.100 χ^2/NDF: 851.2/15

Left Out: 378.835+/-0.303 χ^2/NDF:0.0/0

Right Out: 379.878+/-0.098 χ^2/NDF: 99621.5/18

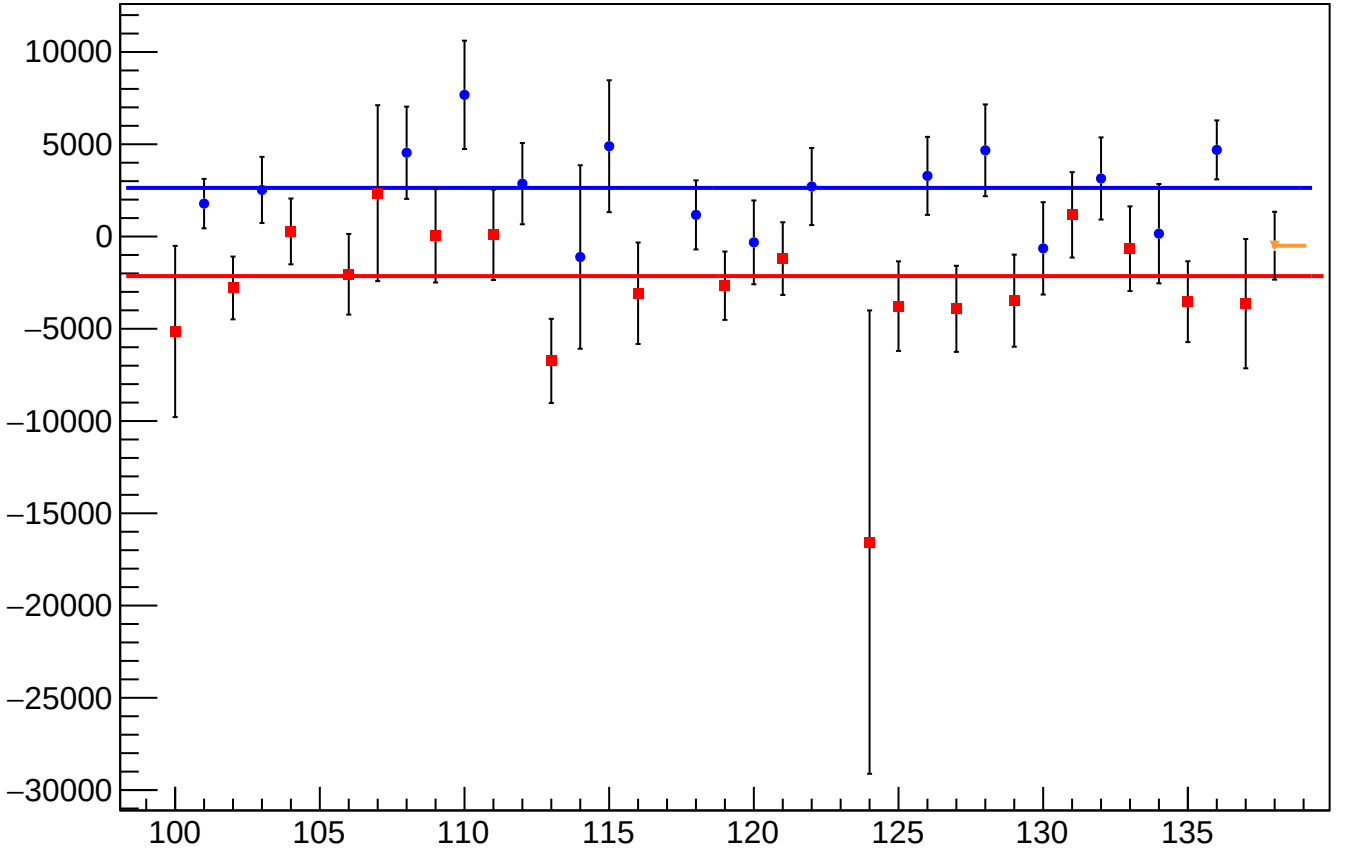
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 378.903+/-0.095 χ^2/NDF: 851.3/16

All: 379.371+/-0.068 χ^2/NDF: 100523.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_agg_avg_mean vs Slug



Right In: 2635.397+/-538.034 χ^2/NDF: 12.3/15

Left Out: -498.455+/-1838.651 χ^2/NDF:0.0/0

Right Out: -2144.569+/-546.963 χ^2/NDF: 15.0/18

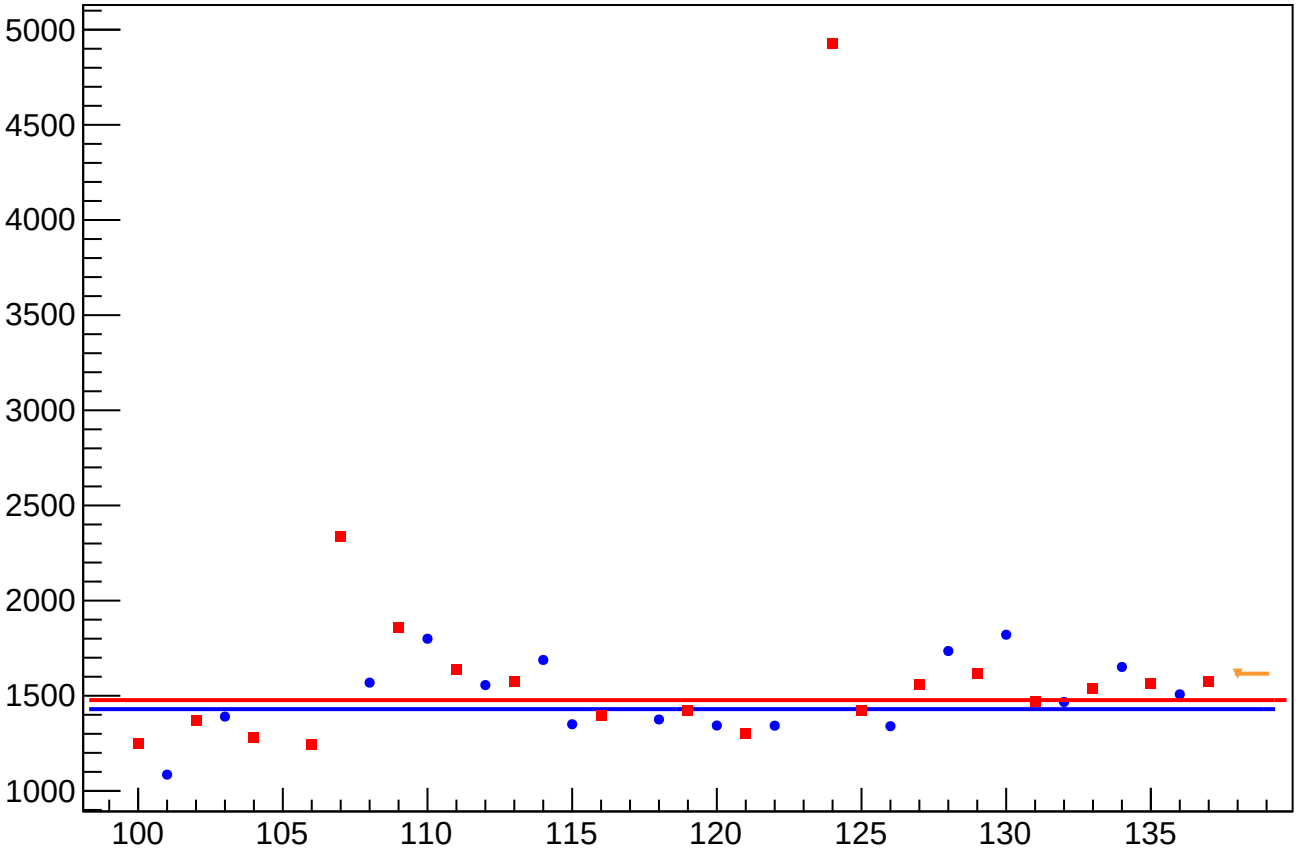
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2388.214+/-516.380 χ^2/NDF: 14.9/16

All: 252.086+/-375.482 χ^2/NDF: 66.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_agg_avg_rms vs Slug



Right In: 1429.654+/-0.380 χ^2/NDF: 293388.5/15

Left Out: 1616.064+/-1.300 χ^2/NDF:0.0/0

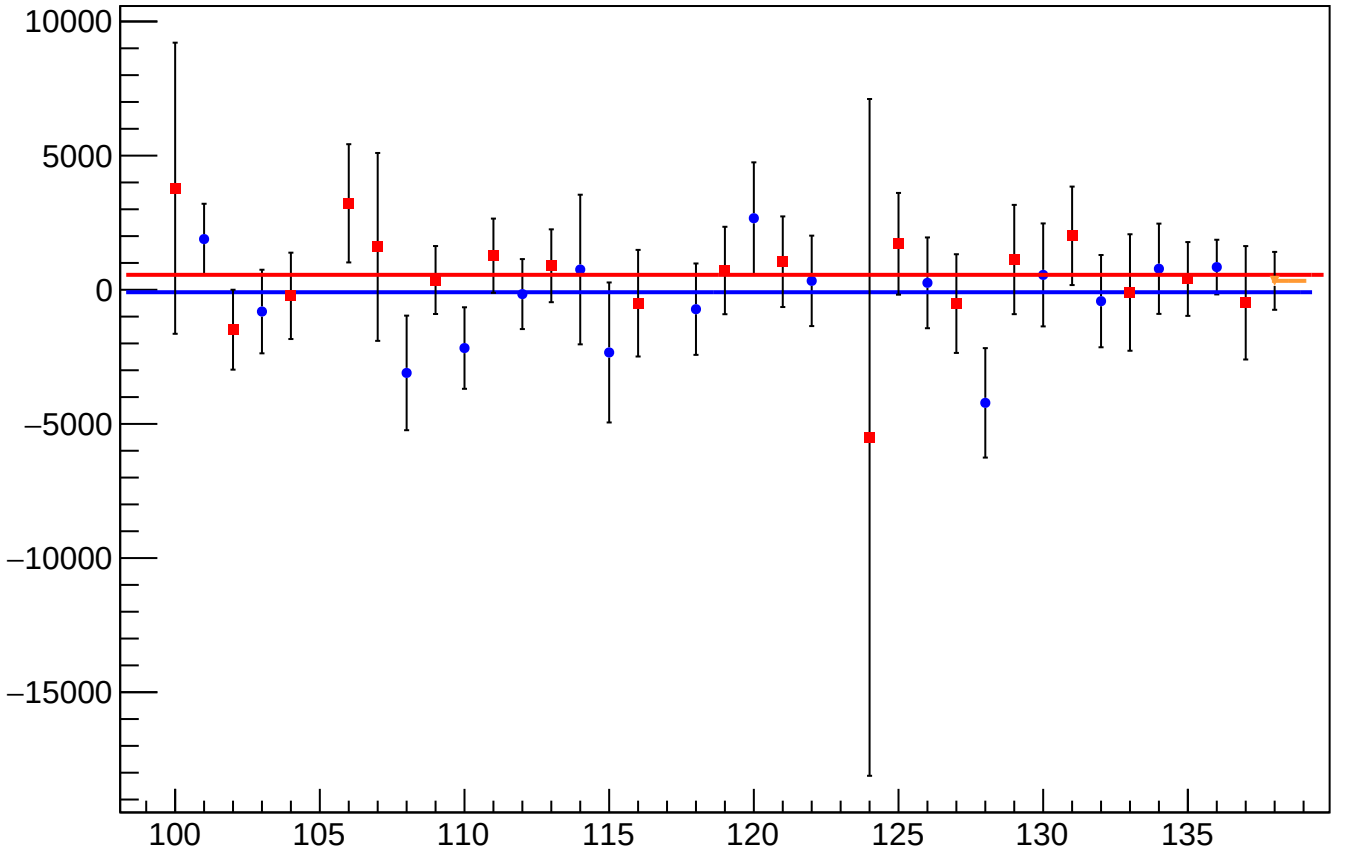
Right Out: 1477.126+/-0.387 χ^2/NDF: 369430.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1444.357+/-0.365 χ^2/NDF: 312324.6/16

All: 1459.800+/-0.266 χ^2/NDF: 685550.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -91.305+/-409.957 χ^2/NDF: 14.5/15

Left Out: 332.594+/-1078.948 χ^2/NDF:0.0/0

Right Out: 556.840+/-411.346 χ^2/NDF: 6.8/18

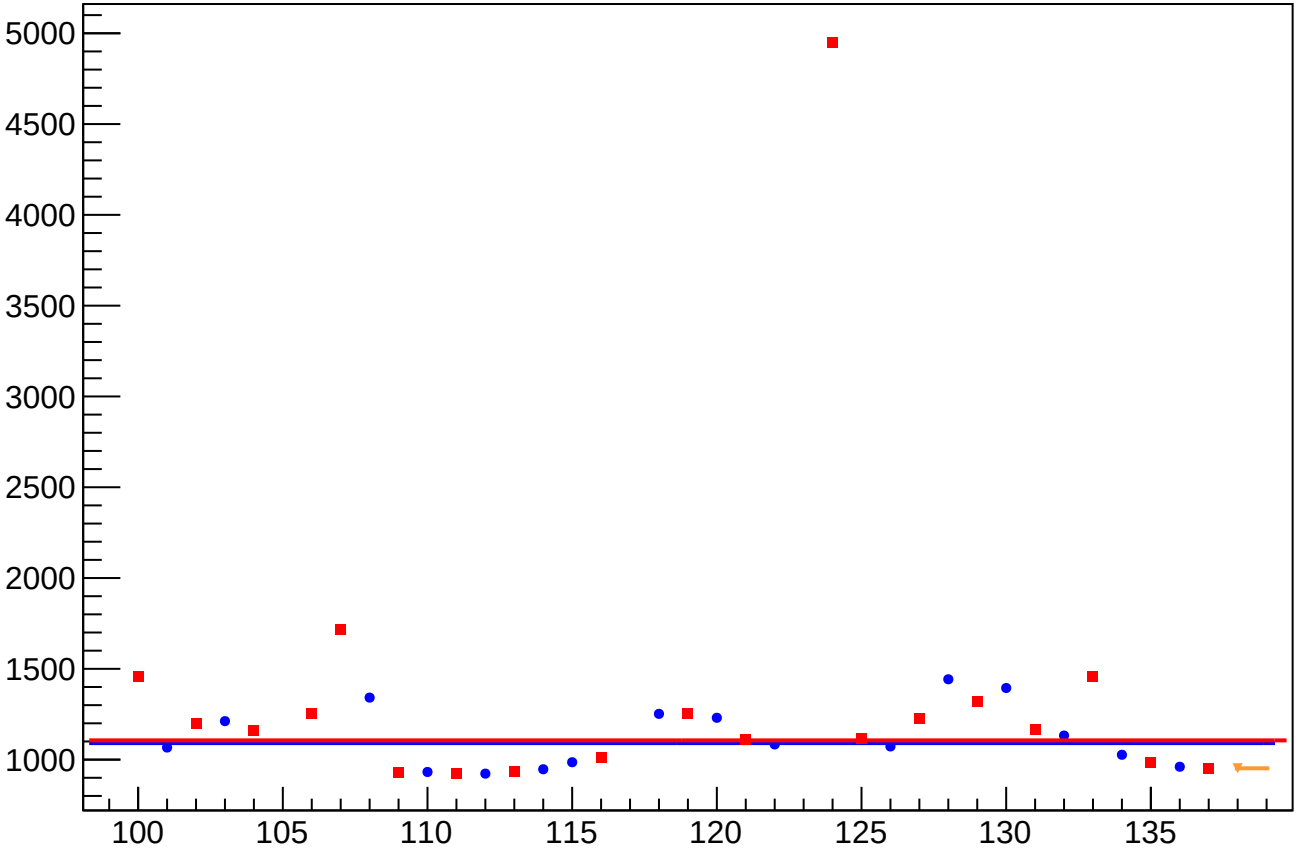
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -37.827+/-383.226 χ^2/NDF: 14.7/16

All: 238.487+/-280.396 χ^2/NDF: 22.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1091.041+/-0.290 χ^2/NDF: 277304.9/15

Left Out: 952.176+/-0.763 χ^2/NDF:0.0/0

Right Out: 1106.046+/-0.291 χ^2/NDF: 514097.9/18

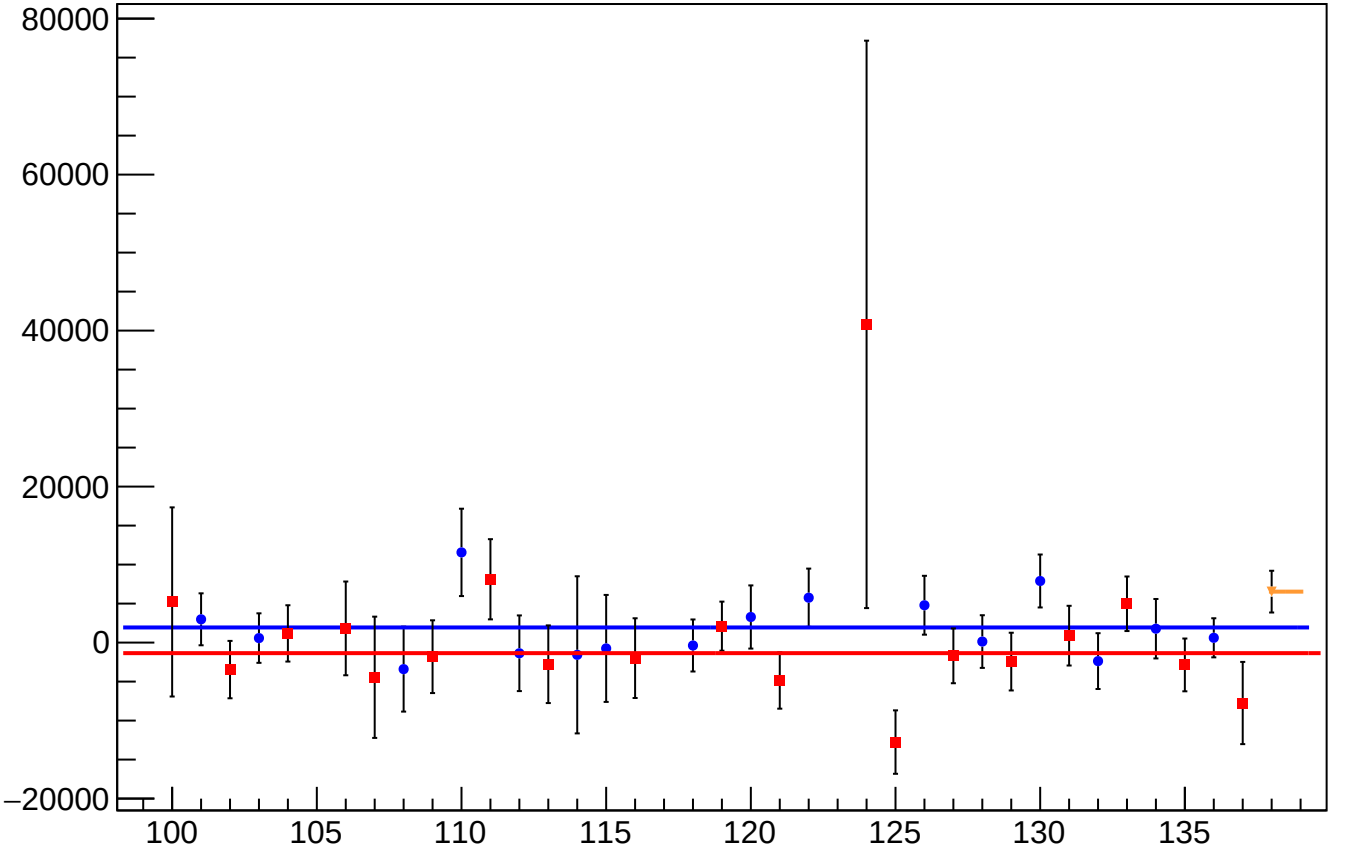
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1073.522+/-0.271 χ^2/NDF: 306255.1/16

All: 1088.635+/-0.198 χ^2/NDF: 827046.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_mean vs Slug



Right In: 1939.656+/-952.537 χ^2/NDF: 12.2/15

Left Out: 6532.131+/-2676.107 χ^2/NDF:0.0/0

Right Out: -1353.428+/-985.119 χ^2/NDF: 21.8/18

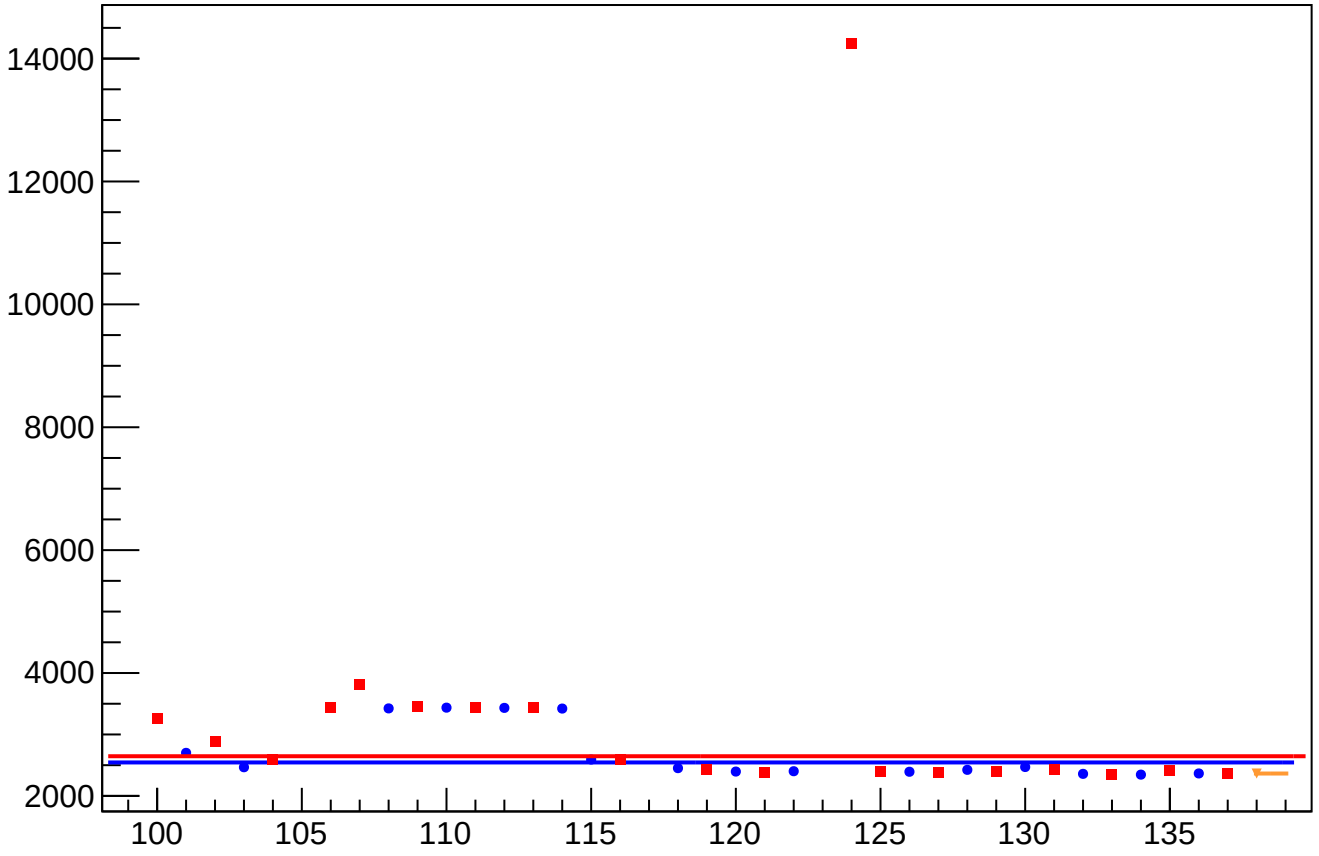
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2456.070+/-897.385 χ^2/NDF: 14.9/16

All: 728.478+/-663.400 χ^2/NDF: 44.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2544.416+/-0.674 χ^2/NDF: 225614.0/15

Left Out: 2364.098+/-1.892 χ^2/NDF:0.0/0

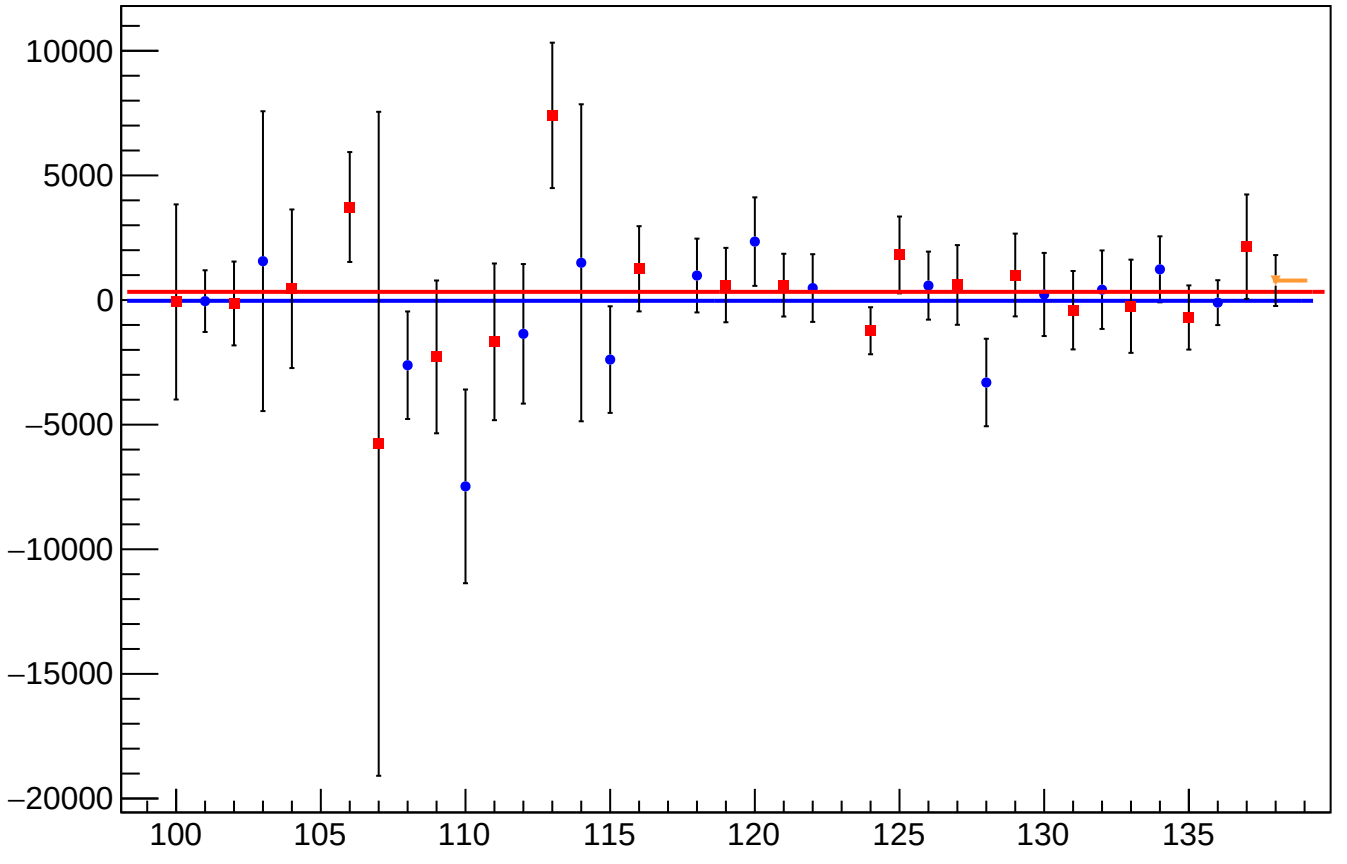
Right Out: 2645.647+/-0.697 χ^2/NDF: 536965.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2524.139+/-0.635 χ^2/NDF: 233673.3/16

All: 2579.243+/-0.469 χ^2/NDF: 787266.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -31.191+/-405.726 χ^2/NDF: 13.8/15

Left Out: 782.482+/-1021.673 χ^2/NDF:0.0/0

Right Out: 328.475+/-398.568 χ^2/NDF: 15.6/18

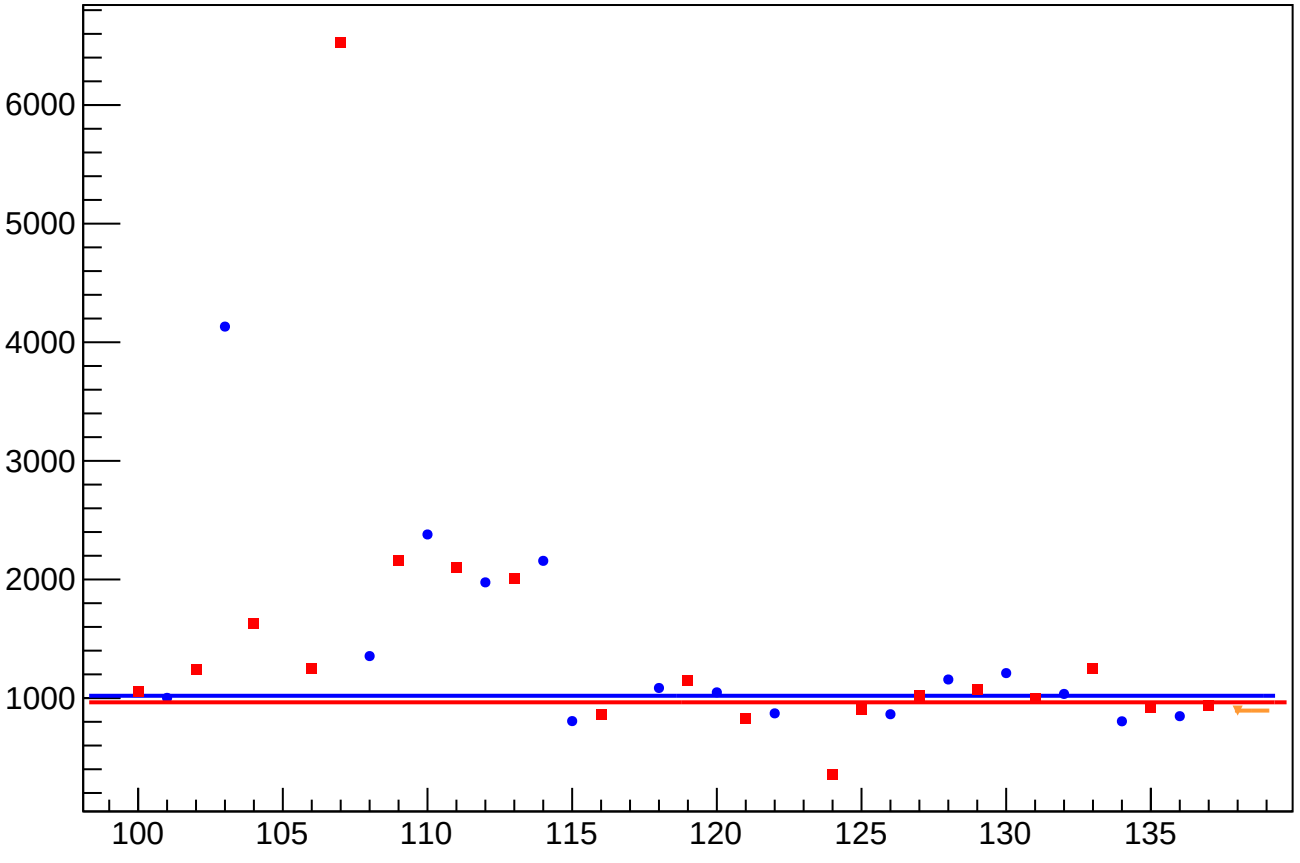
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 79.648+/-377.081 χ^2/NDF: 14.3/16

All: 197.174+/-273.918 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1019.523+/-0.287 χ^2/NDF: 1364745.9/15

Left Out: 894.594+/-0.722 χ^2/NDF:0.0/0

Right Out: 964.379+/-0.282 χ^2/NDF: 2309359.3/18

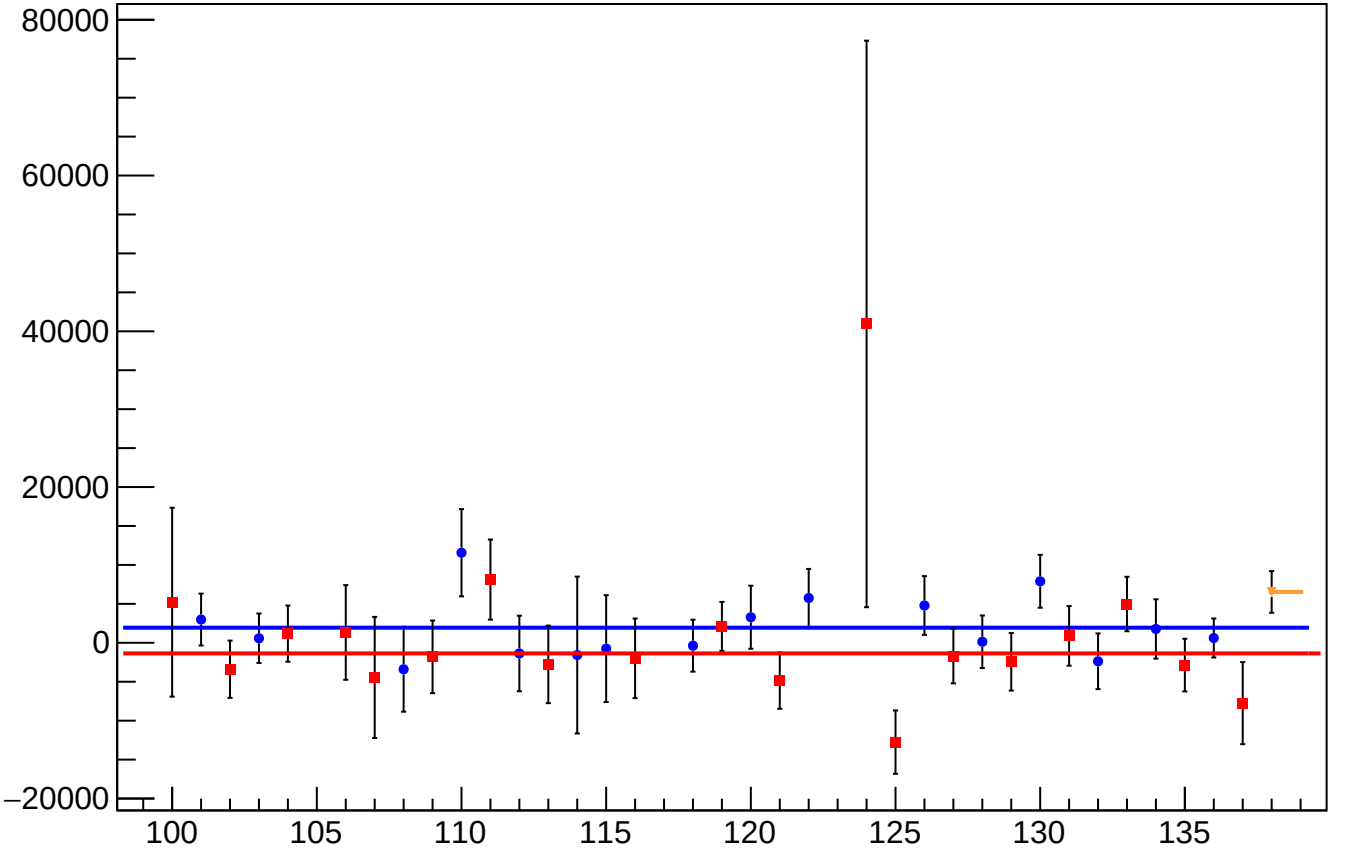
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1002.505+/-0.267 χ^2/NDF: 1390576.5/16

All: 984.497+/-0.194 χ^2/NDF: 3709592.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1_mean vs Slug



Right In: 1940.005+/-952.537 χ^2/NDF: 12.2/15

Left Out: 6532.111+/-2676.107 χ^2/NDF:0.0/0

Right Out: -1363.089+/-985.420 χ^2/NDF: 21.7/18

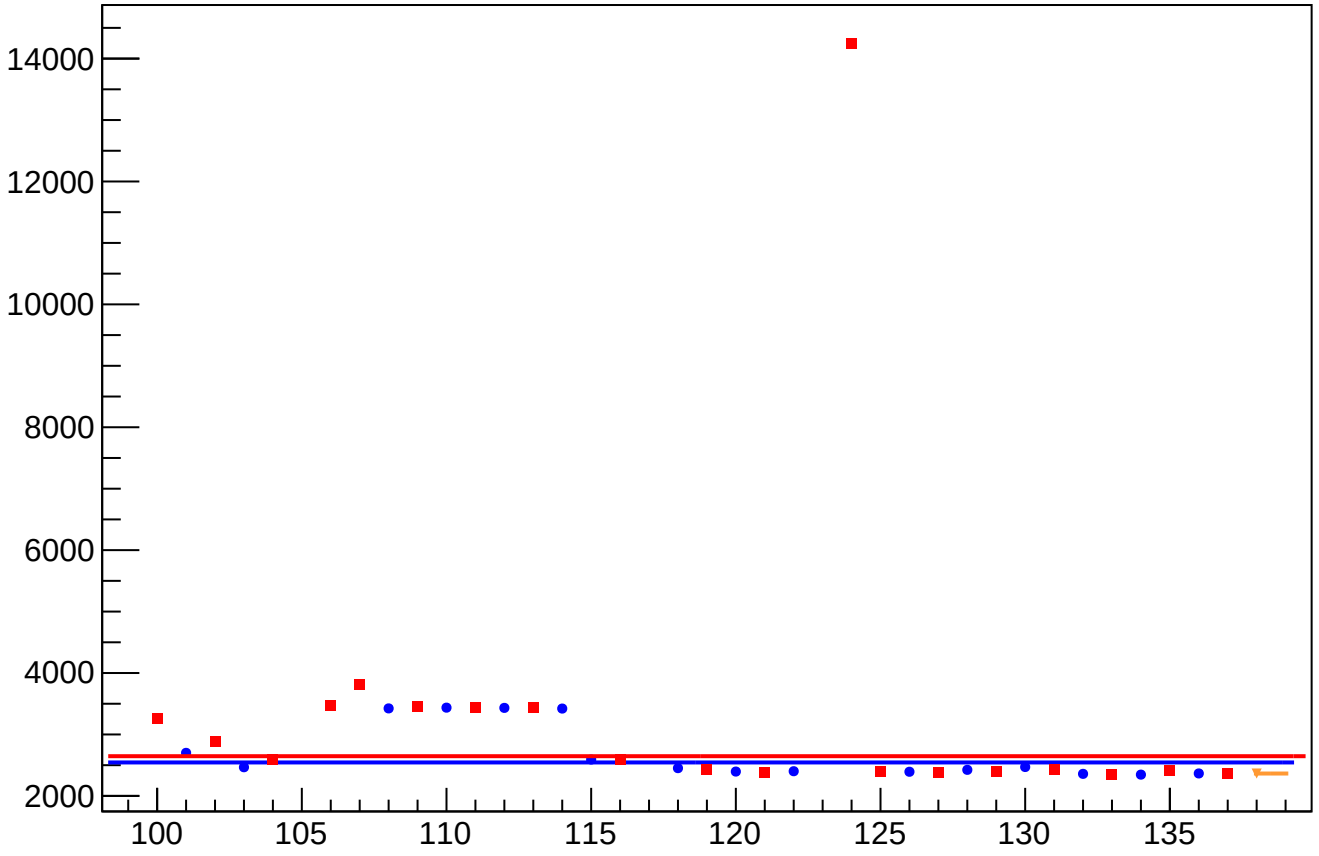
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2456.377+/-897.385 χ^2/NDF: 14.9/16

All: 724.842+/-663.492 χ^2/NDF: 44.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2544.416+/-0.674 χ^2/NDF: 225614.0/15

Left Out: 2364.098+/-1.892 χ^2/NDF:0.0/0

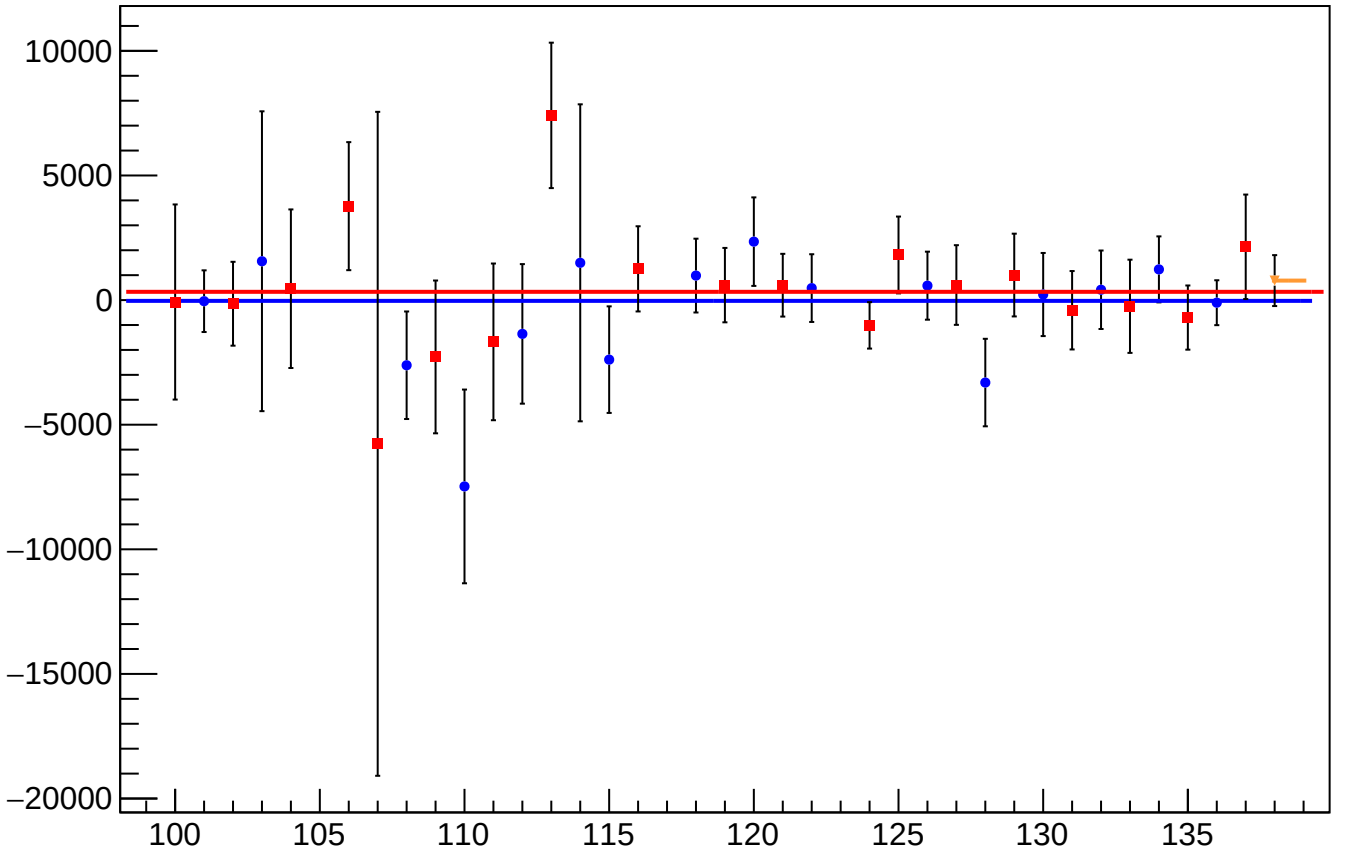
Right Out: 2646.203+/-0.697 χ^2/NDF: 539546.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2524.140+/-0.635 χ^2/NDF: 233673.2/16

All: 2579.476+/-0.469 χ^2/NDF: 789995.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -31.253+/-405.723 χ^2/NDF: 13.8/15

Left Out: 782.487+/-1021.683 χ^2/NDF:0.0/0

Right Out: 331.962+/-399.334 χ^2/NDF: 14.4/18

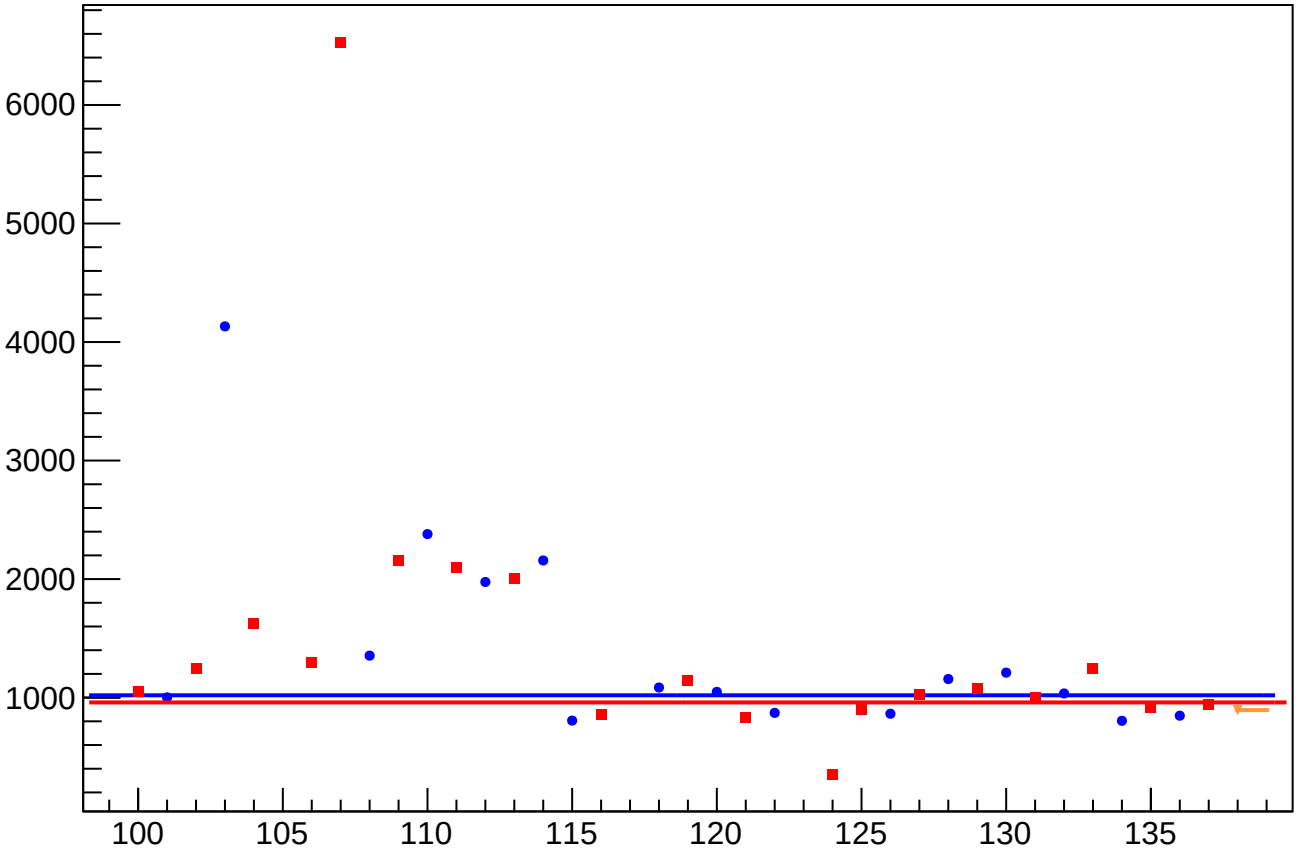
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 79.592+/-377.079 χ^2/NDF: 14.3/16

All: 198.549+/-274.165 χ^2/NDF: 28.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_cor_correction_rms vs Slug



Right In: 1019.514+/-0.287 χ^2/NDF: 1364741.0/15

Left Out: 894.605+/-0.722 χ^2/NDF:0.0/0

Right Out: 959.344+/-0.282 χ^2/NDF: 2344434.8/18

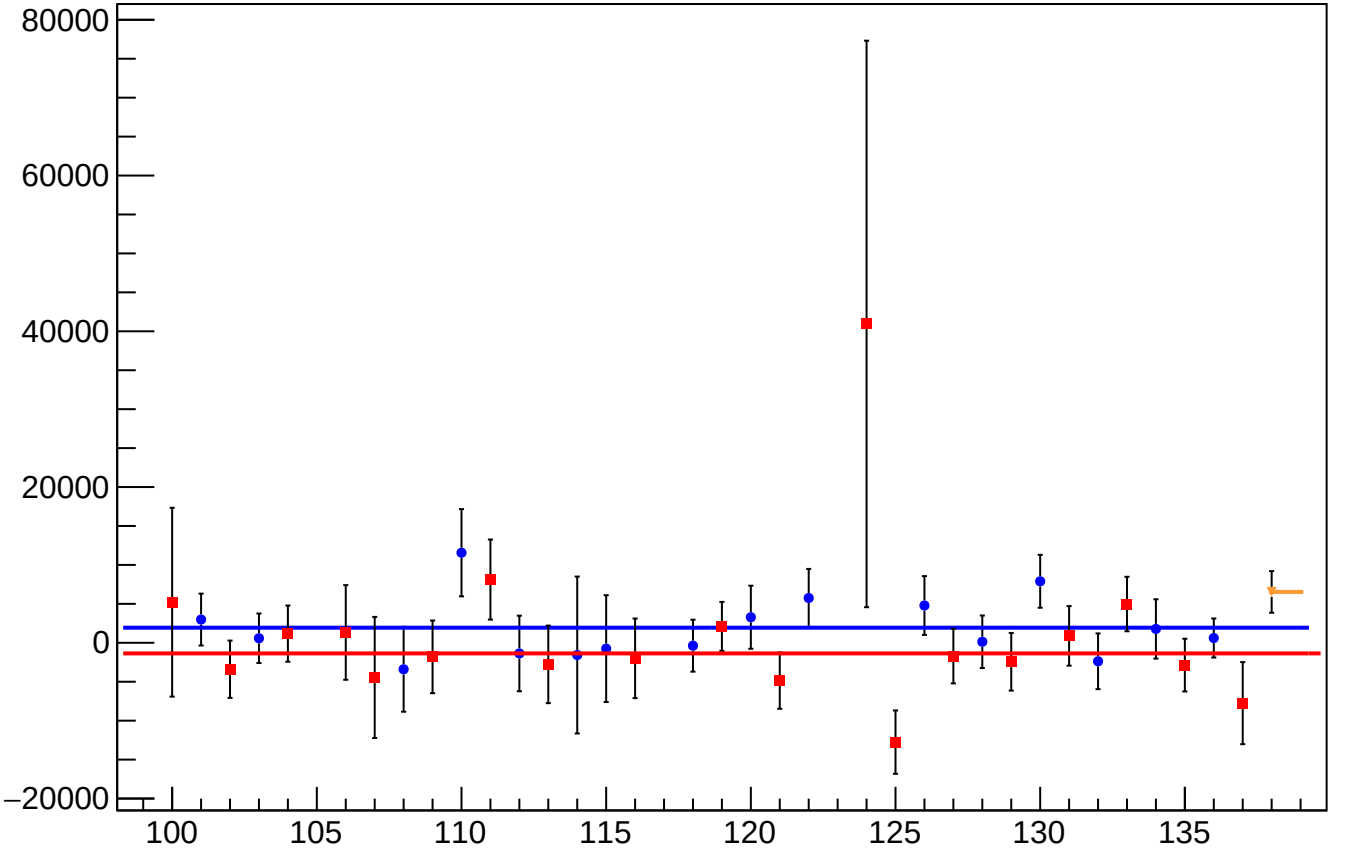
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1002.499+/-0.267 χ^2/NDF: 1390563.2/16

All: 982.158+/-0.194 χ^2/NDF: 3747345.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1_mean vs Slug



Right In: 1940.005+/-952.537 χ^2/NDF: 12.2/15

Left Out: 6532.111+/-2676.107 χ^2/NDF:0.0/0

Right Out: -1363.089+/-985.420 χ^2/NDF: 21.7/18

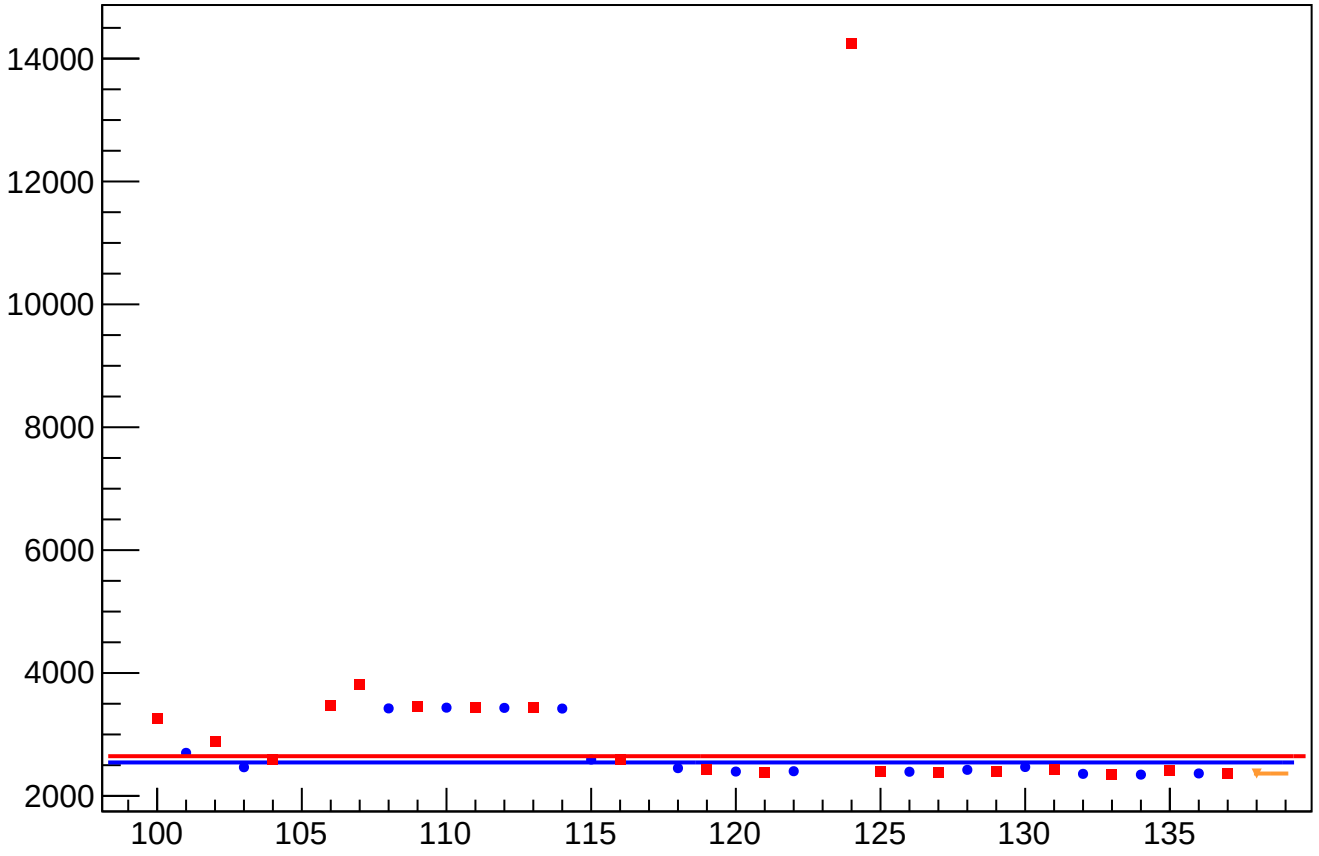
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2456.377+/-897.385 χ^2/NDF: 14.9/16

All: 724.842+/-663.492 χ^2/NDF: 44.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1_rms vs Slug



Right In: 2544.416+/-0.674 χ^2/NDF: 225614.0/15

Left Out: 2364.098+/-1.892 χ^2/NDF:0.0/0

Right Out: 2646.203+/-0.697 χ^2/NDF: 539546.8/18

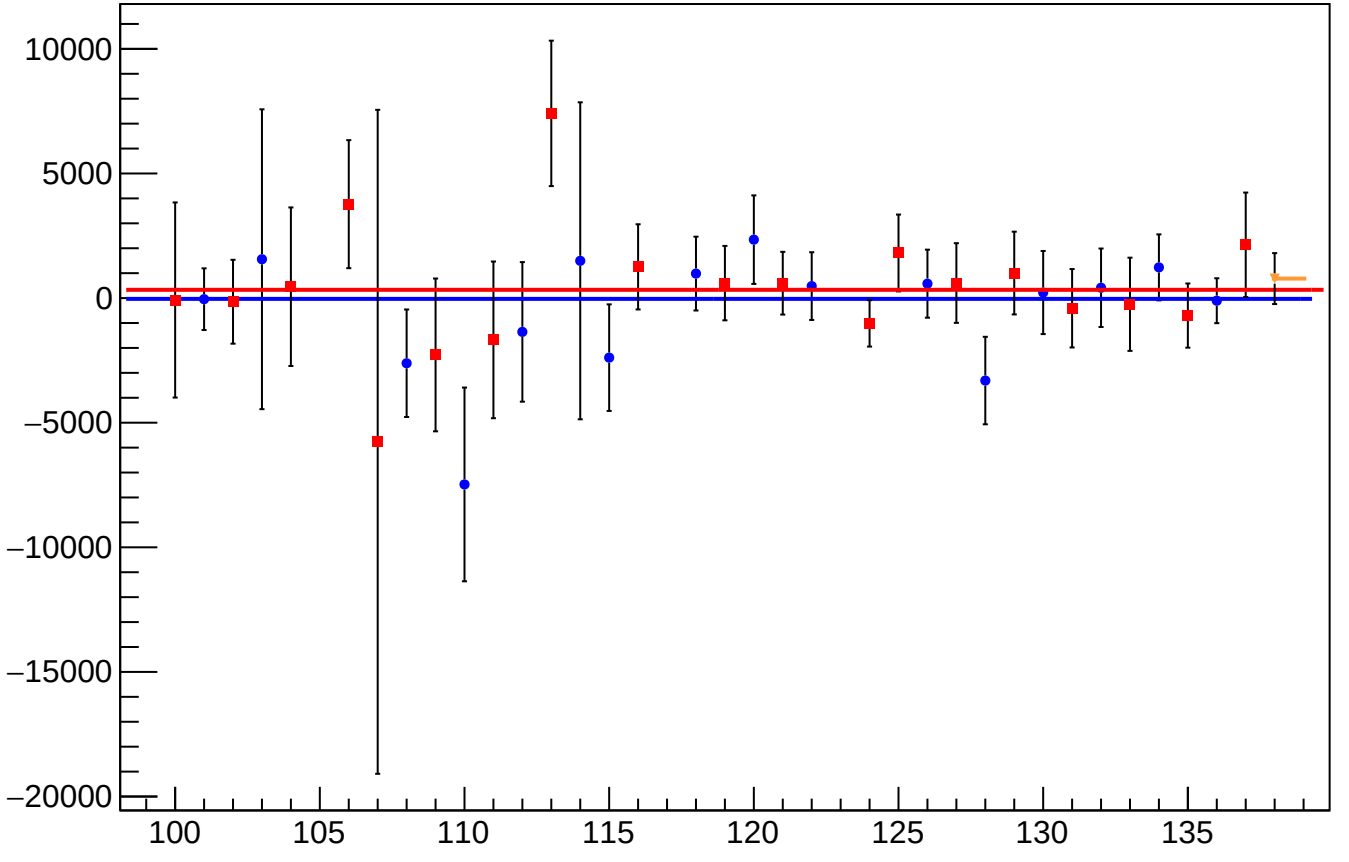
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2524.140+/-0.635 χ^2/NDF: 233673.2/16

All: 2579.476+/-0.469 χ^2/NDF: 789995.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: -31.253+/-405.723 χ^2/NDF: 13.8/15

Left Out: 782.487+/-1021.683 χ^2/NDF:0.0/0

Right Out: 331.962+/-399.334 χ^2/NDF: 14.4/18

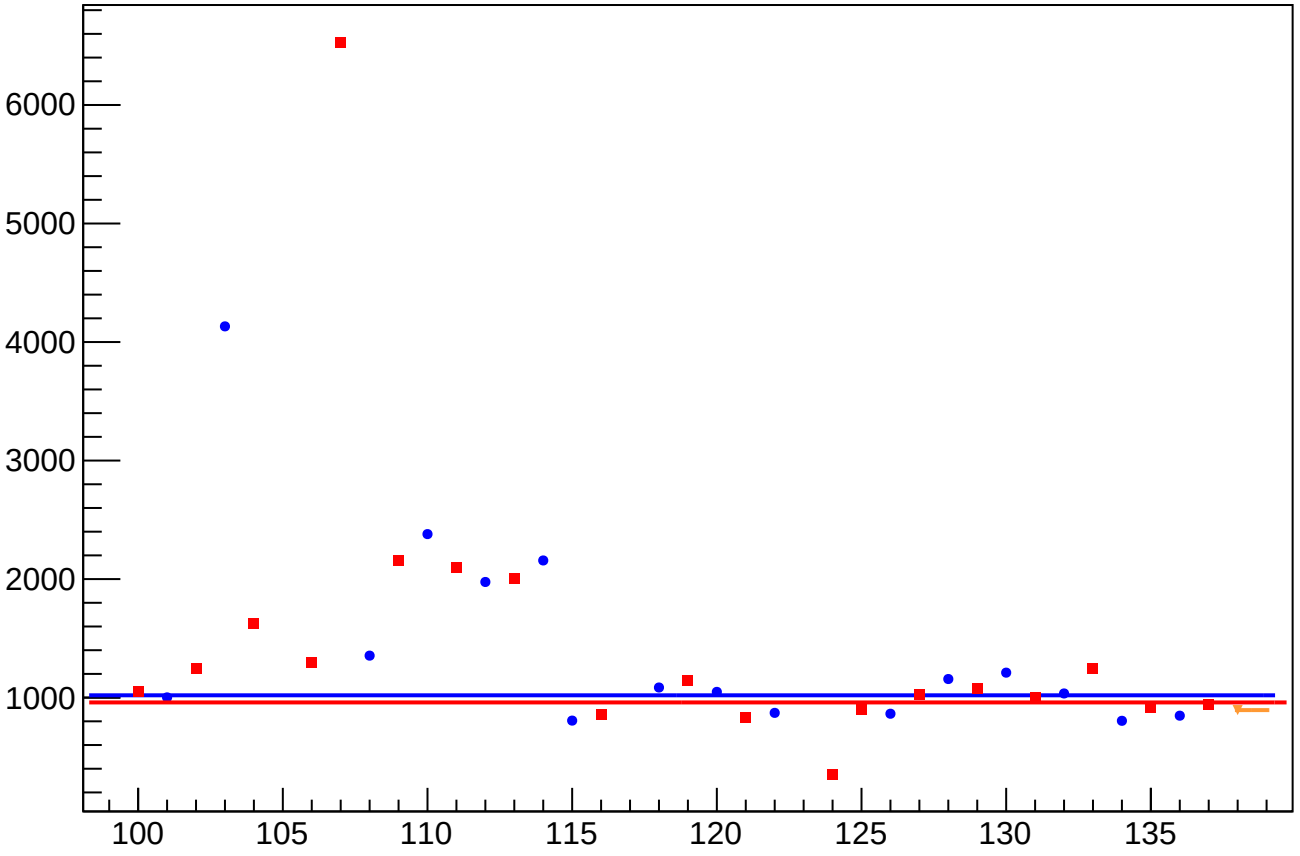
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 79.592+/-377.079 χ^2/NDF: 14.3/16

All: 198.549+/-274.165 χ^2/NDF: 28.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1019.514+/-0.287 χ^2/NDF: 1364741.0/15

Left Out: 894.605+/-0.722 χ^2/NDF:0.0/0

Right Out: 959.344+/-0.282 χ^2/NDF: 2344434.8/18

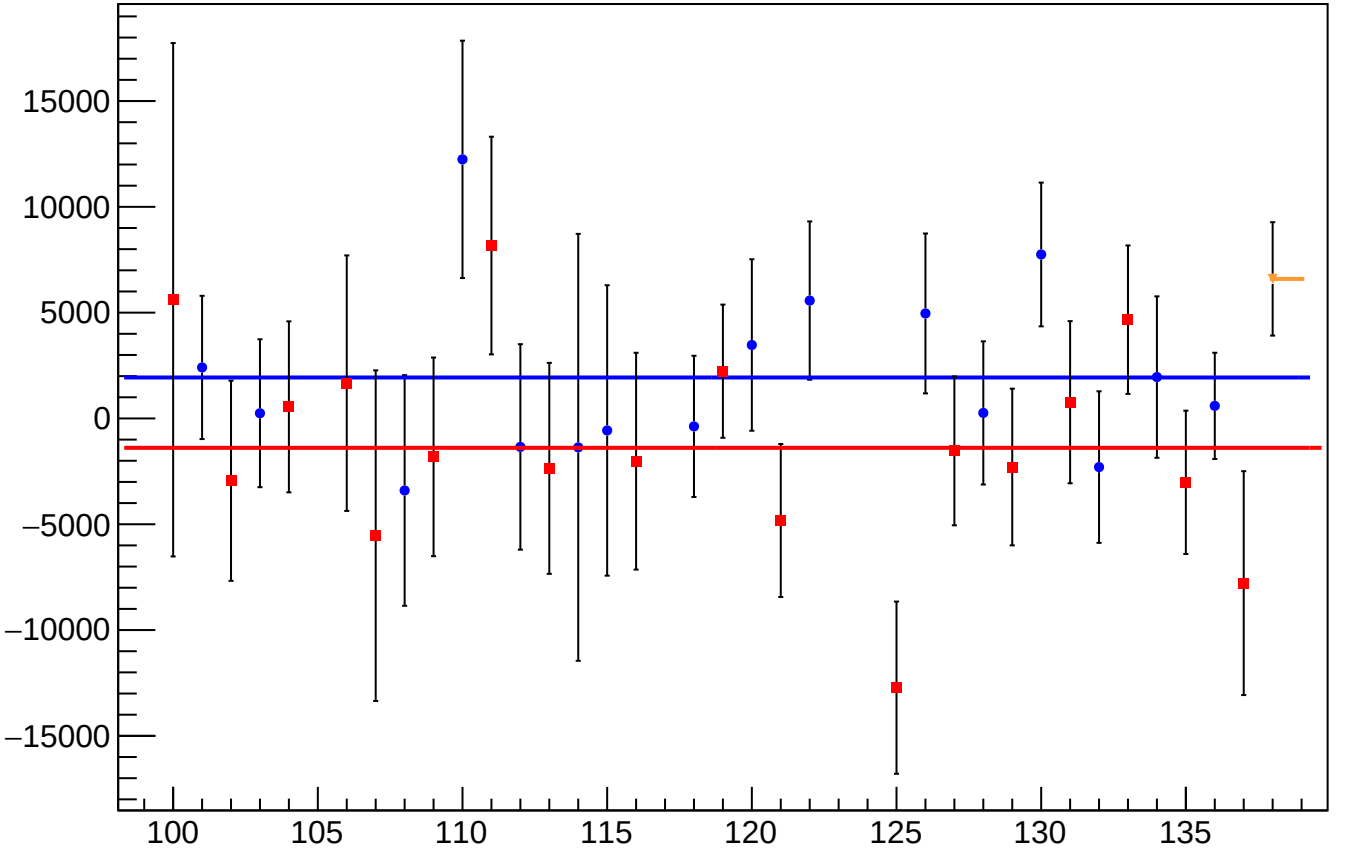
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1002.499+/-0.267 χ^2/NDF: 1390563.2/16

All: 982.158+/-0.194 χ^2/NDF: 3747345.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 1935.992+/-962.322 χ^2/NDF: 12.4/15

Left Out: 6595.237+/-2679.679 χ^2/NDF:0.0/0

Right Out: -1387.548+/-1009.105 χ^2/NDF: 19.8/17

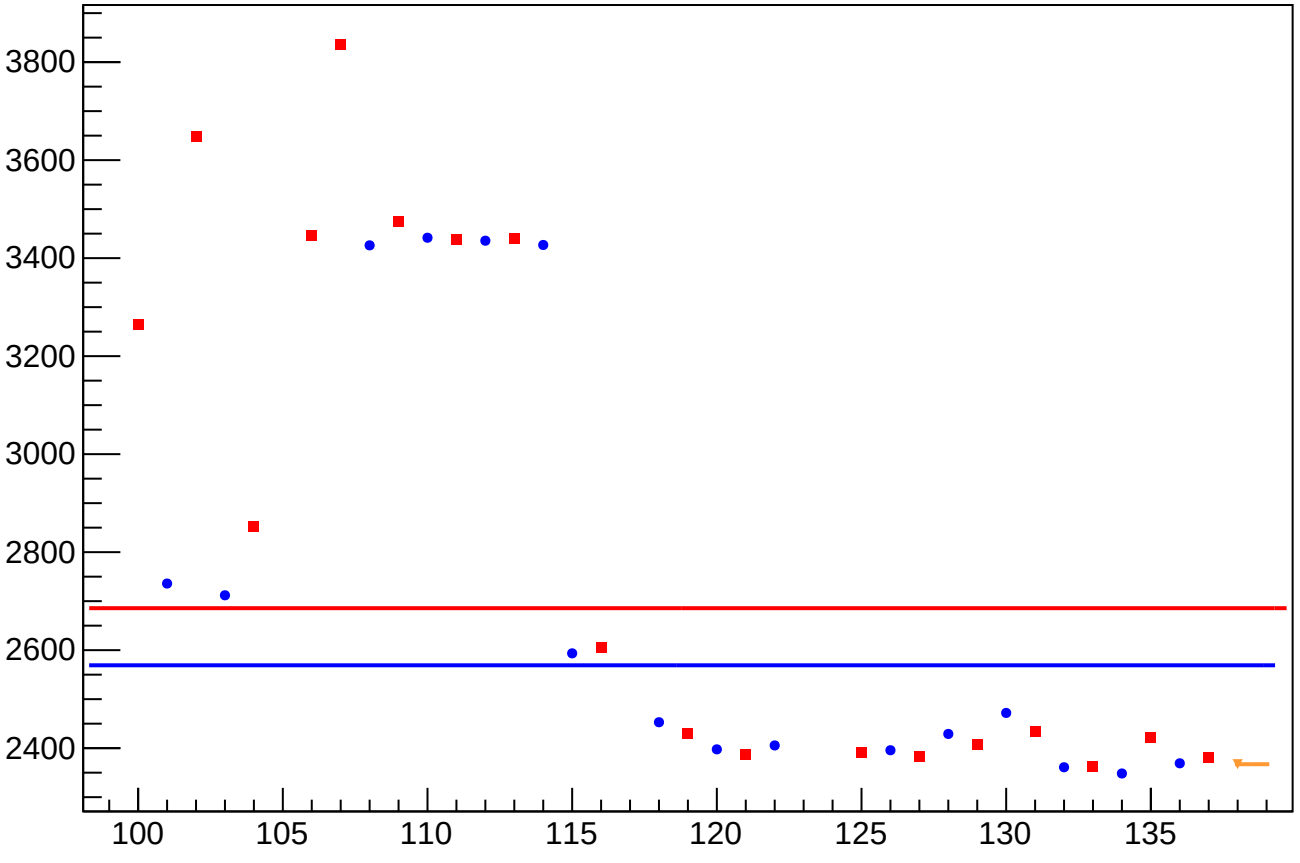
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2468.235+/-905.691 χ^2/NDF: 15.0/16

All: 747.981+/-674.026 χ^2/NDF: 42.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1_rms vs Slug



Right In: 2569.130+/-0.680 χ^2/NDF: 229487.5/15

Left Out: 2367.251+/-1.895 χ^2/NDF:0.0/0

Right Out: 2685.675+/-0.714 χ^2/NDF: 419264.8/17

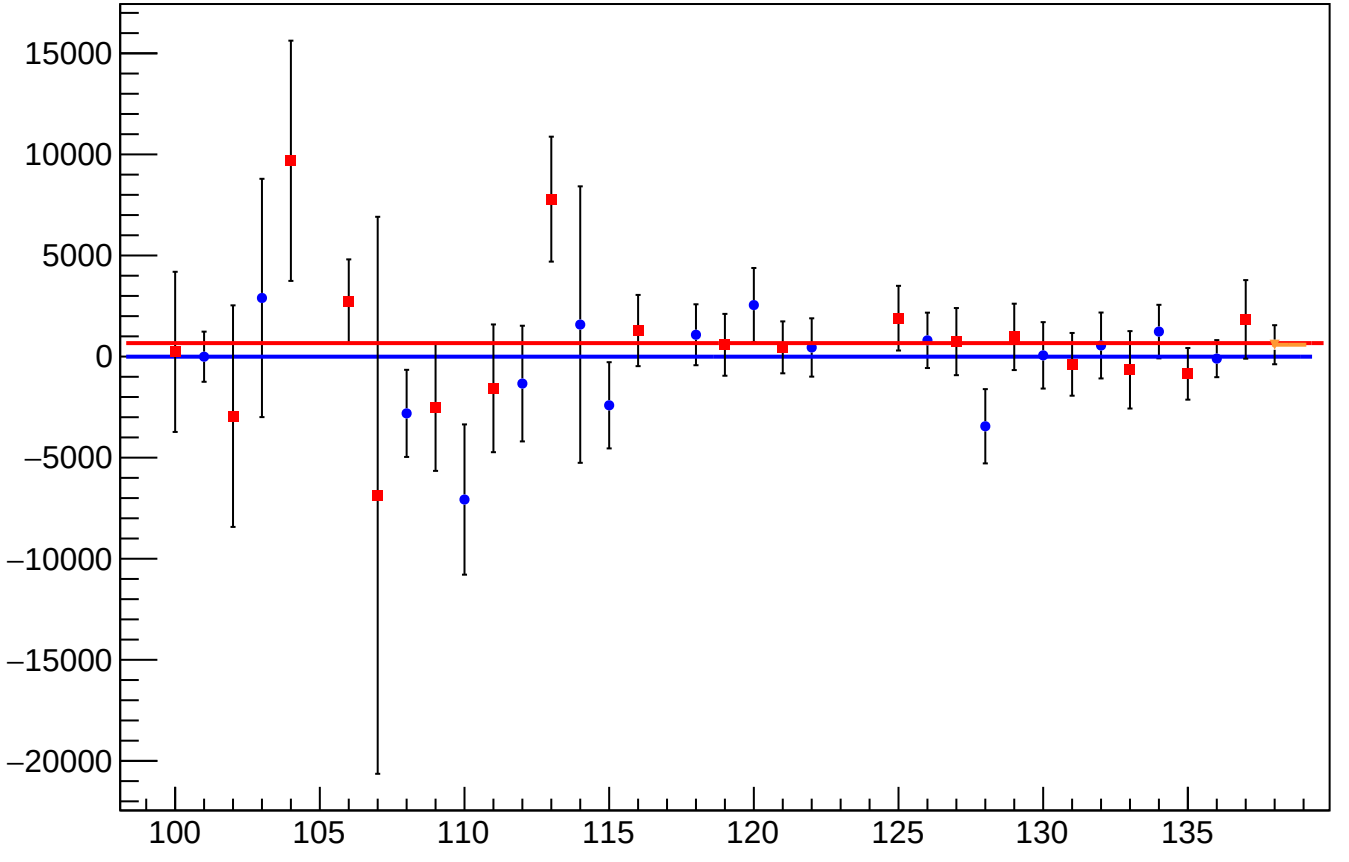
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2546.069+/-0.640 χ^2/NDF: 239542.1/16

All: 2608.354+/-0.477 χ^2/NDF: 680008.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_dit_correction_mean vs Slug



Right In: -5.169+/-412.248 χ^2/NDF: 14.5/15

Left Out: 586.370+/-966.152 χ^2/NDF:0.0/0

Right Out: 665.952+/-460.513 χ^2/NDF: 14.4/17

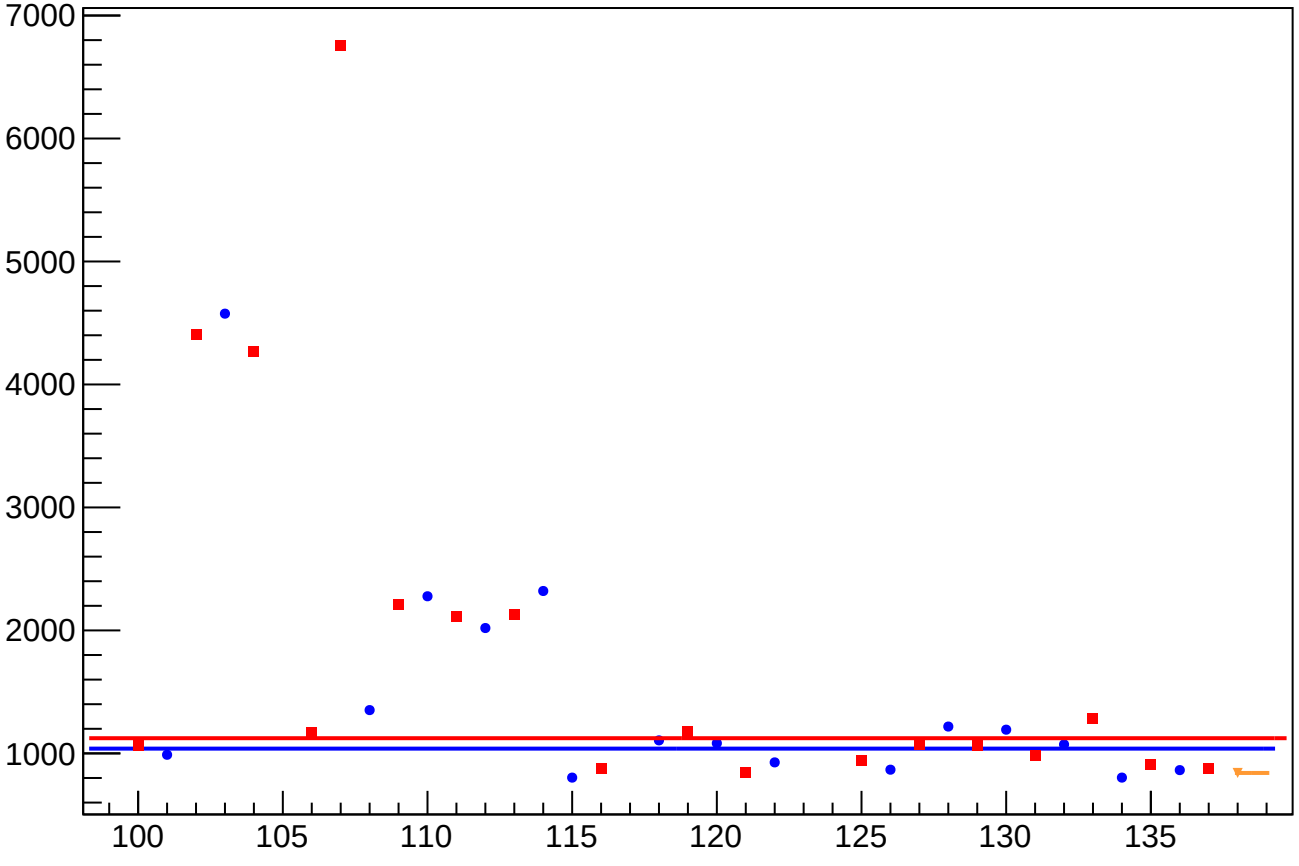
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 85.941+/-379.173 χ^2/NDF: 14.8/16

All: 320.284+/-292.718 χ^2/NDF: 30.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1038.803+/-0.292 χ^2/NDF: 1539731.1/15

Left Out: 840.934+/-0.683 χ^2/NDF:0.0/0

Right Out: 1123.474+/-0.326 χ^2/NDF: 2535511.7/17

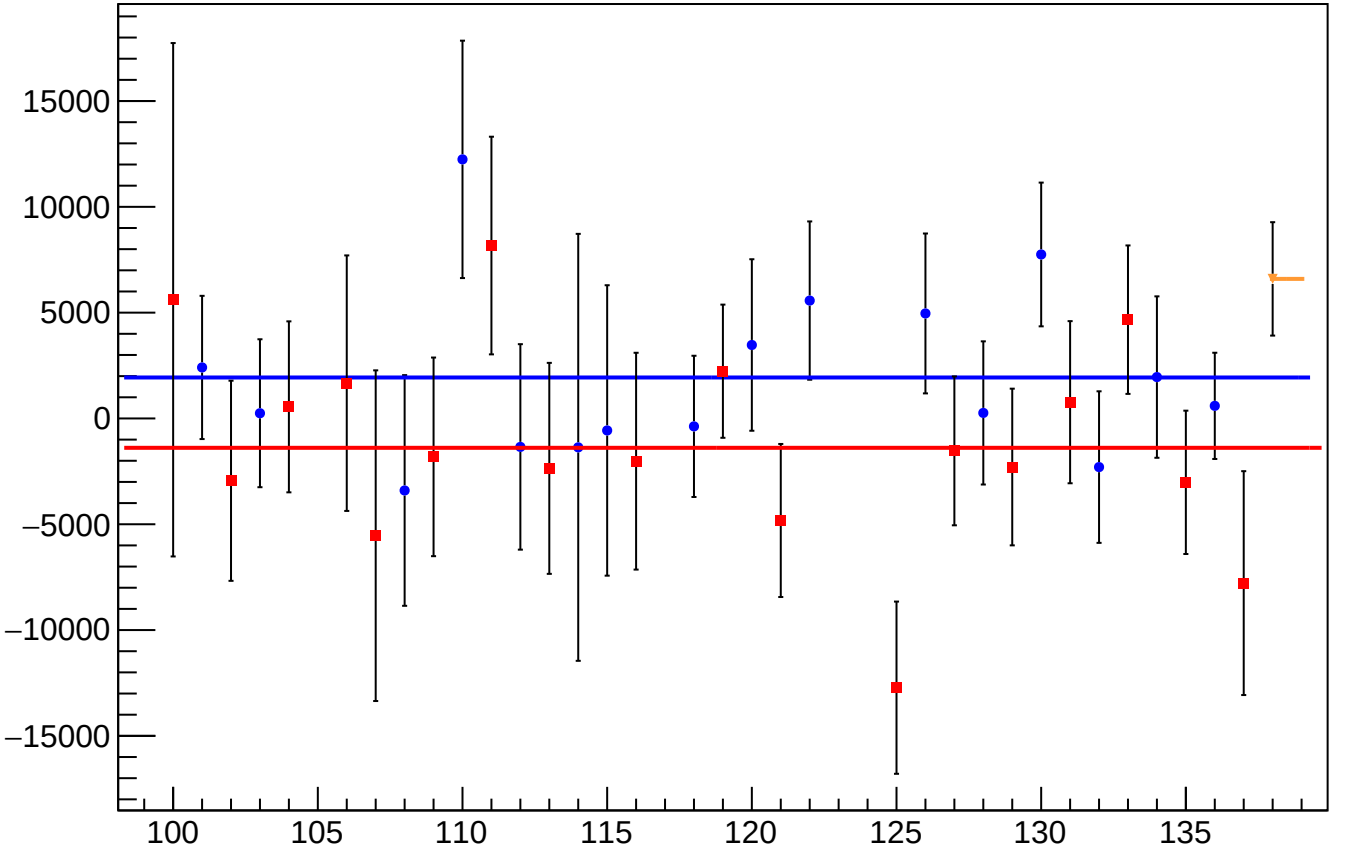
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1008.327+/-0.268 χ^2/NDF: 1610697.4/16

All: 1054.850+/-0.207 χ^2/NDF: 4220730.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl1_mean vs Slug



Right In: 1935.988+/-962.322 χ^2/NDF: 12.4/15

Left Out: 6595.241+/-2679.679 χ^2/NDF:0.0/0

Right Out: -1387.545+/-1009.105 χ^2/NDF: 19.8/17

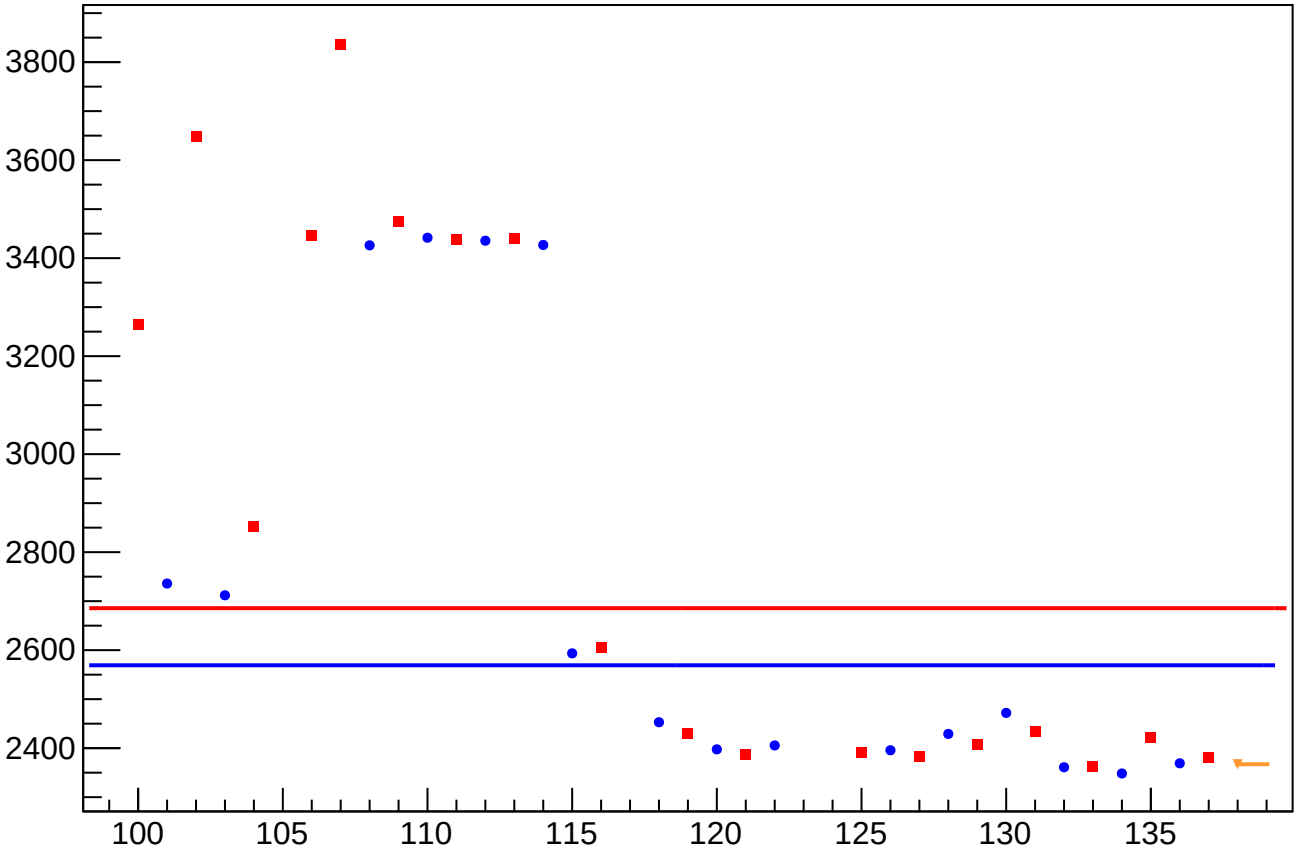
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2468.232+/-905.691 χ^2/NDF: 15.0/16

All: 747.980+/-674.025 χ^2/NDF: 42.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl1_rms vs Slug



Right In: 2569.130+/-0.680 χ^2/NDF: 229487.3/15

Left Out: 2367.251+/-1.895 χ^2/NDF:0.0/0

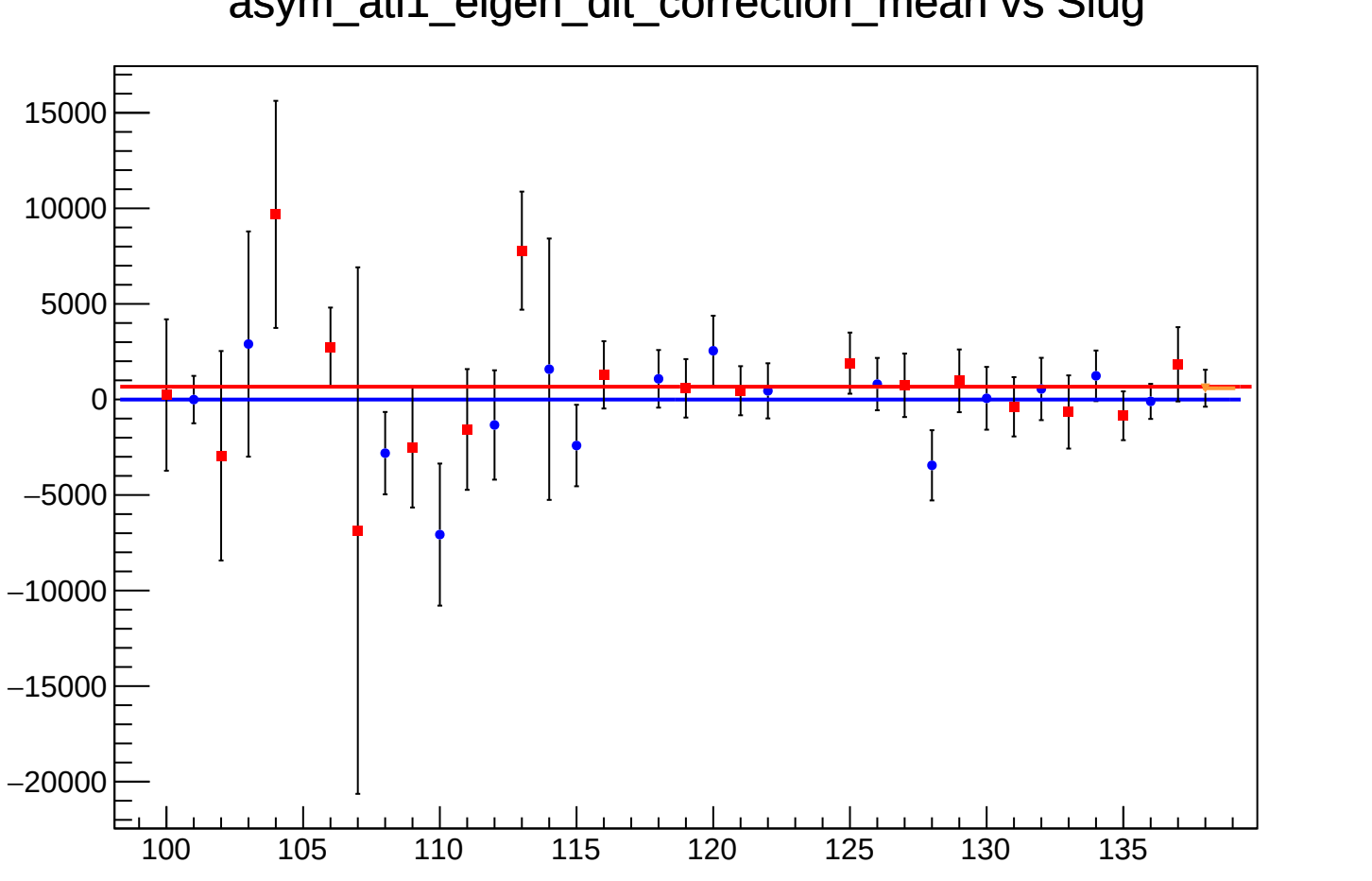
Right Out: 2685.674+/-0.714 χ^2/NDF: 419264.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2546.068+/-0.640 χ^2/NDF: 239541.8/16

All: 2608.353+/-0.477 χ^2/NDF: 680007.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -5.172+/-412.248 χ^2/NDF: 14.5/15

Left Out: 586.373+/-966.153 χ^2/NDF:0.0/0

Right Out: 665.953+/-460.513 χ^2/NDF: 14.4/17

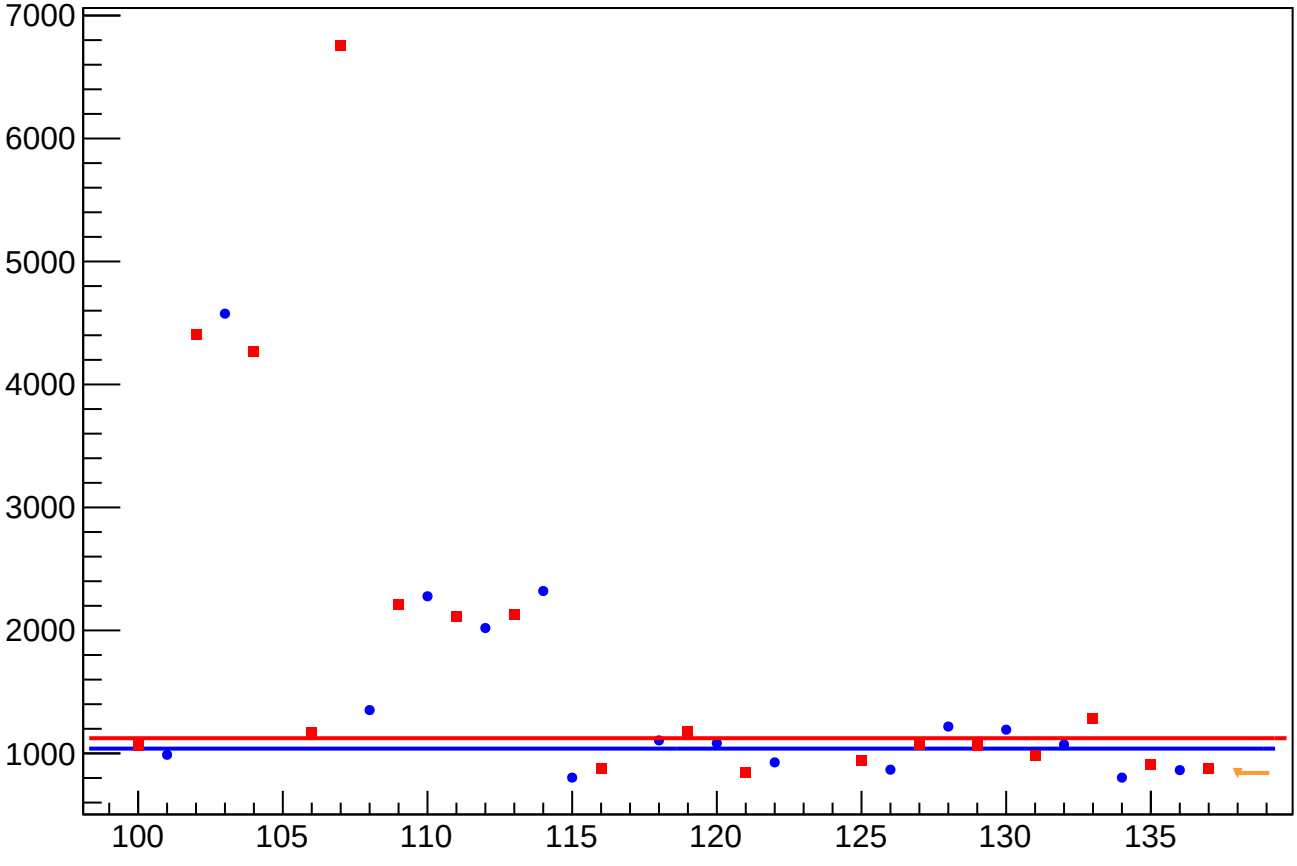
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 85.939+/-379.173 χ^2/NDF: 14.8/16

All: 320.283+/-292.718 χ^2/NDF: 30.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1038.804+/-0.292 χ^2/NDF: 1539724.8/15

Left Out: 840.934+/-0.683 χ^2/NDF:0.0/0

Right Out: 1123.474+/-0.326 χ^2/NDF: 2535509.9/17

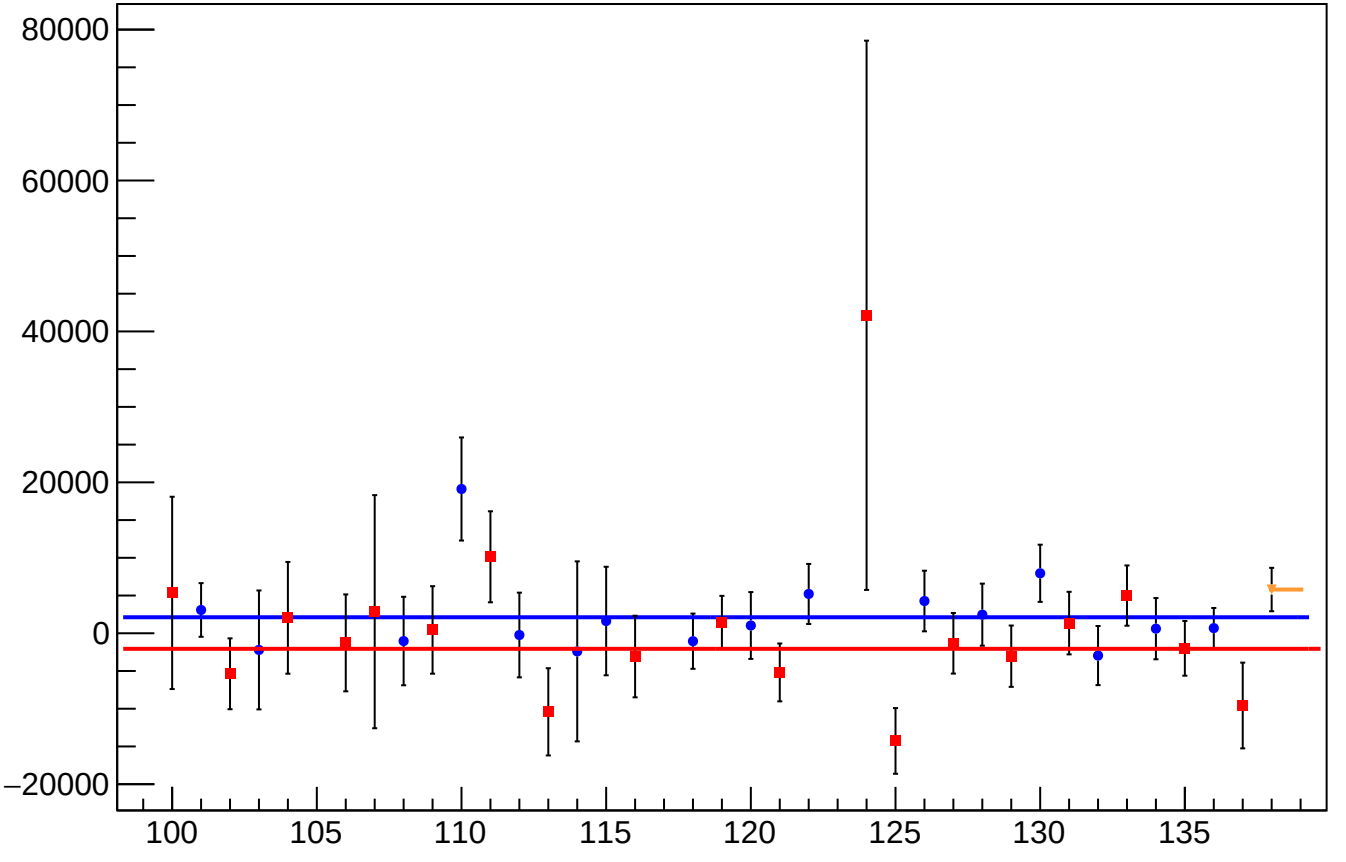
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1008.327+/-0.268 χ^2/NDF: 1610691.5/16

All: 1054.850+/-0.207 χ^2/NDF: 4220721.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_mean vs Slug



Right In: 2121.991+/-1084.700 χ^2/NDF: 13.4/15

Left Out: 5794.621+/-2875.634 χ^2/NDF:0.0/0

Right Out: -2059.741+/-1136.807 χ^2/NDF: 24.3/18

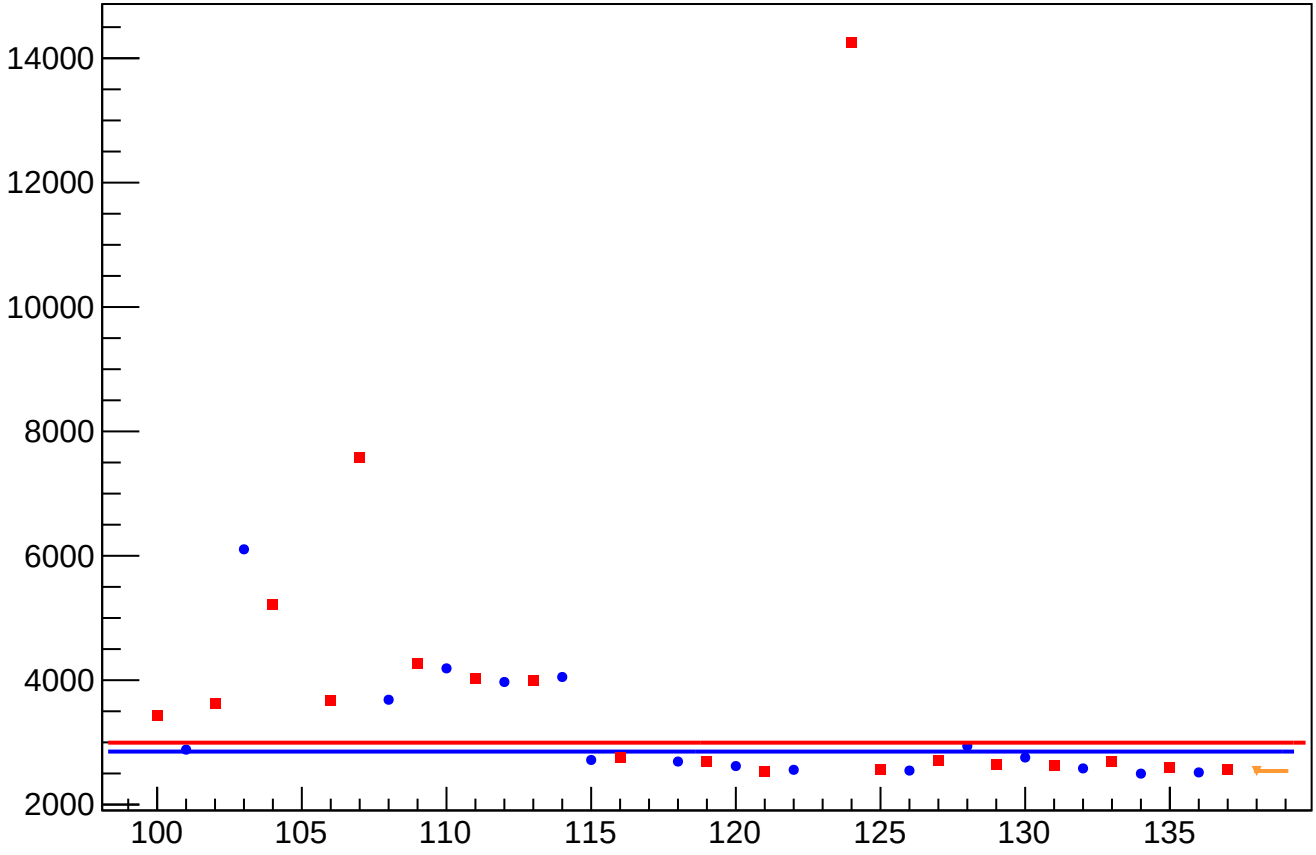
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2579.453+/-1014.899 χ^2/NDF: 14.8/16

All: 521.857+/-757.087 χ^2/NDF: 48.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_rms vs Slug



Right In: 2852.206+/-0.767 χ^2/NDF: 648715.2/15

Left Out: 2540.064+/-2.033 χ^2/NDF:0.0/0

Right Out: 2995.525+/-0.804 χ^2/NDF: 979168.6/18

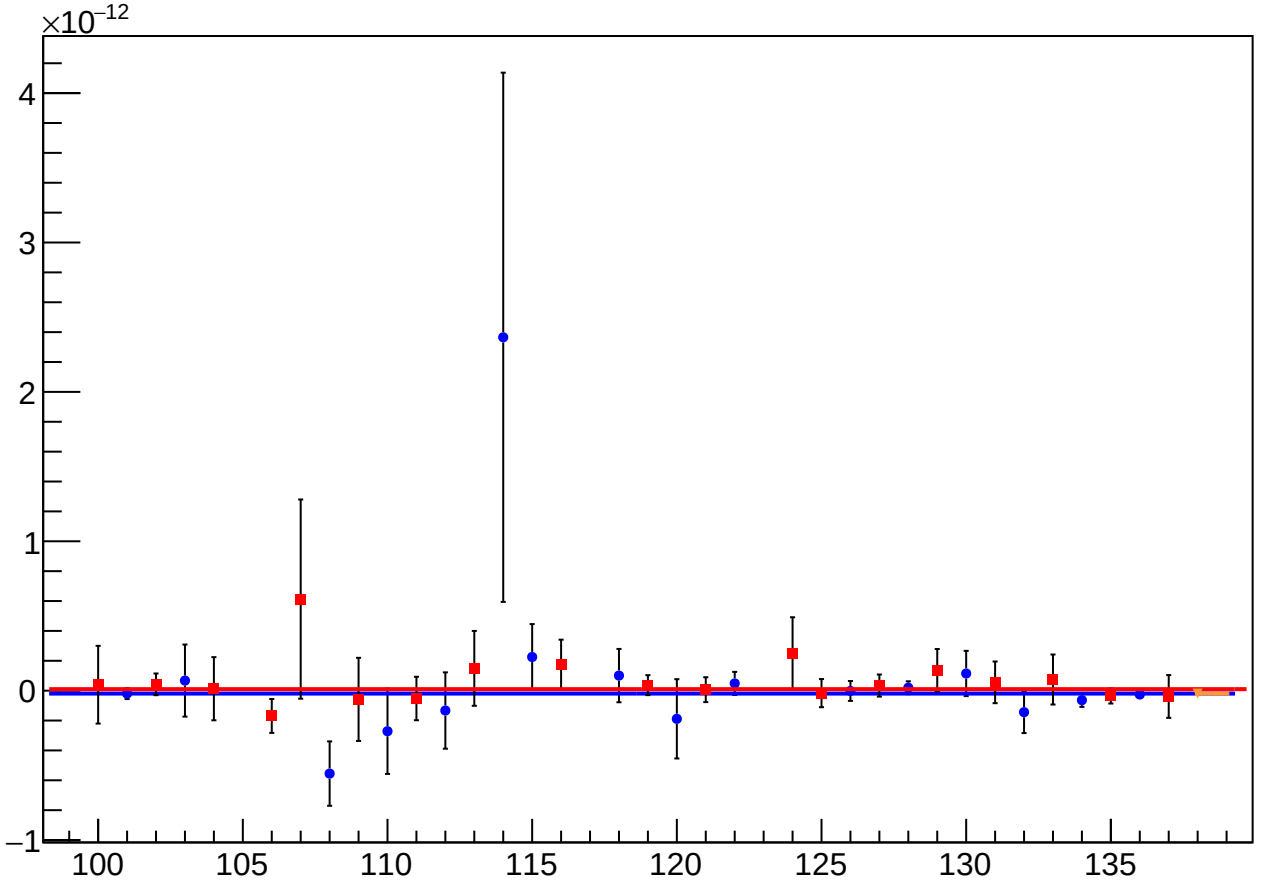
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2813.325+/-0.718 χ^2/NDF: 669344.9/16

All: 2894.136+/-0.535 χ^2/NDF: 1677102.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 15.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 8.3/18

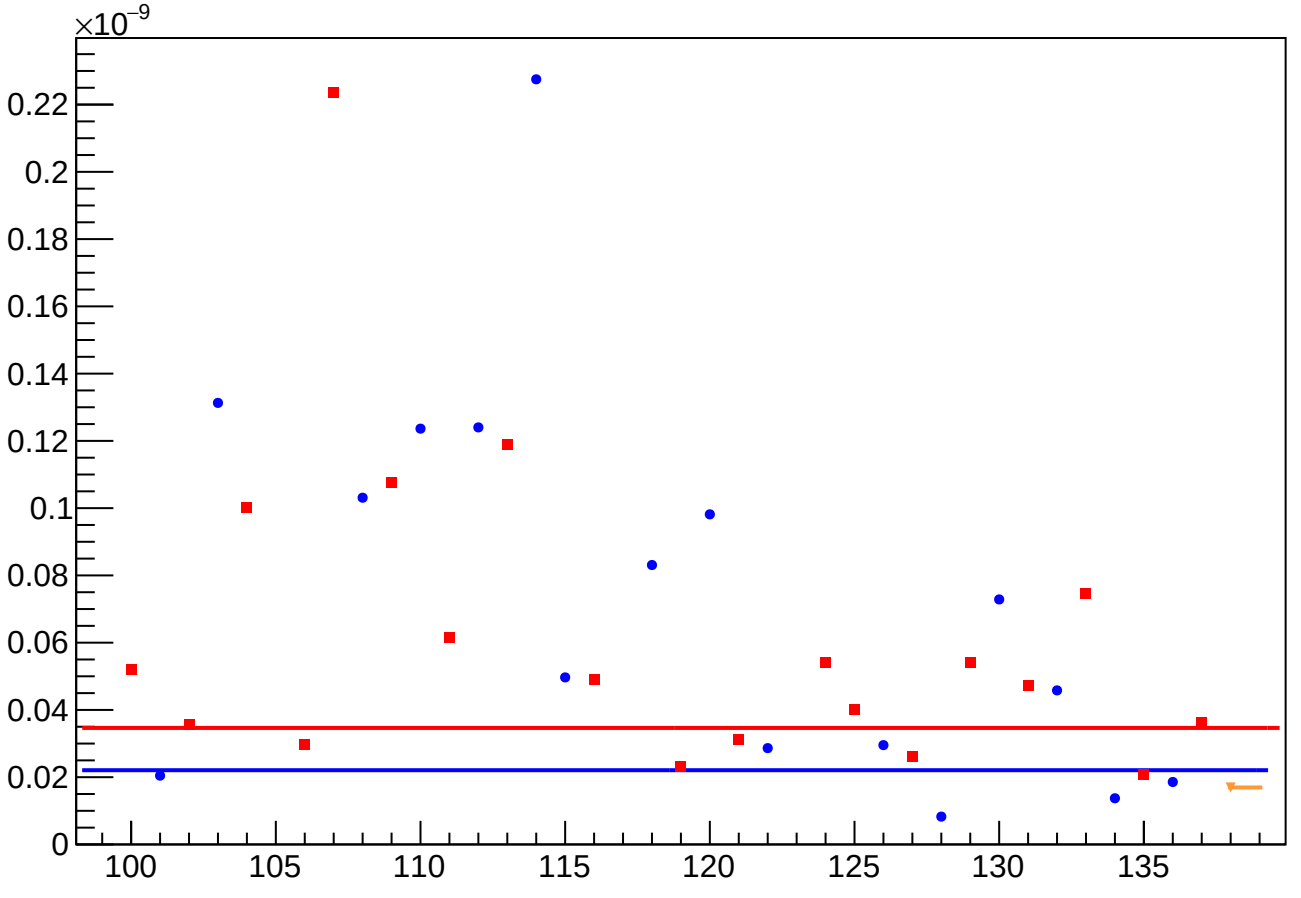
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.4/16

All: -0.000+/-0.000 χ^2/NDF: 24.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 2344133.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1242991.9/18

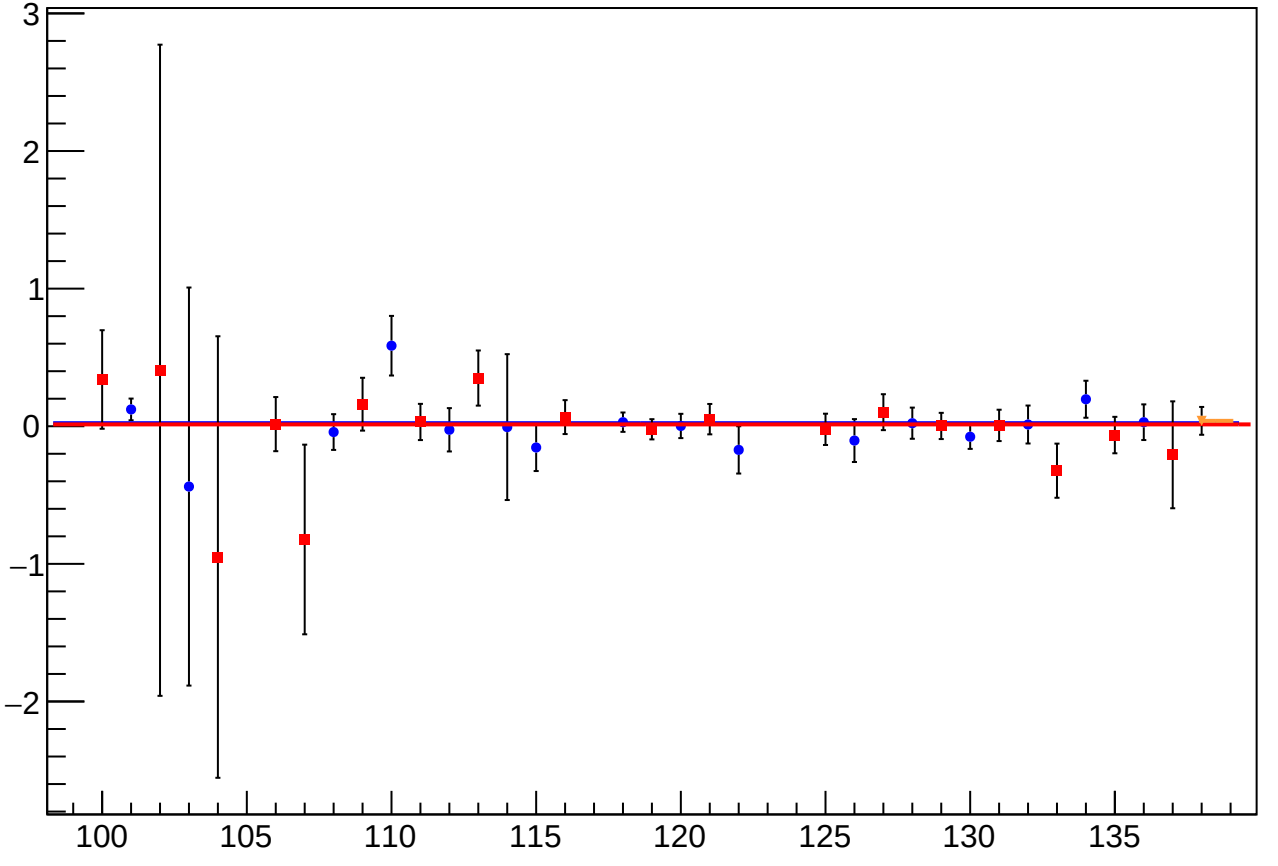
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2397890.1/16

All: 0.000+/-0.000 χ^2/NDF: 4137193.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.022+/-0.030 χ^2/NDF: 14.8/15

Left Out: 0.039+/-0.101 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.033 χ^2/NDF: 10.8/17

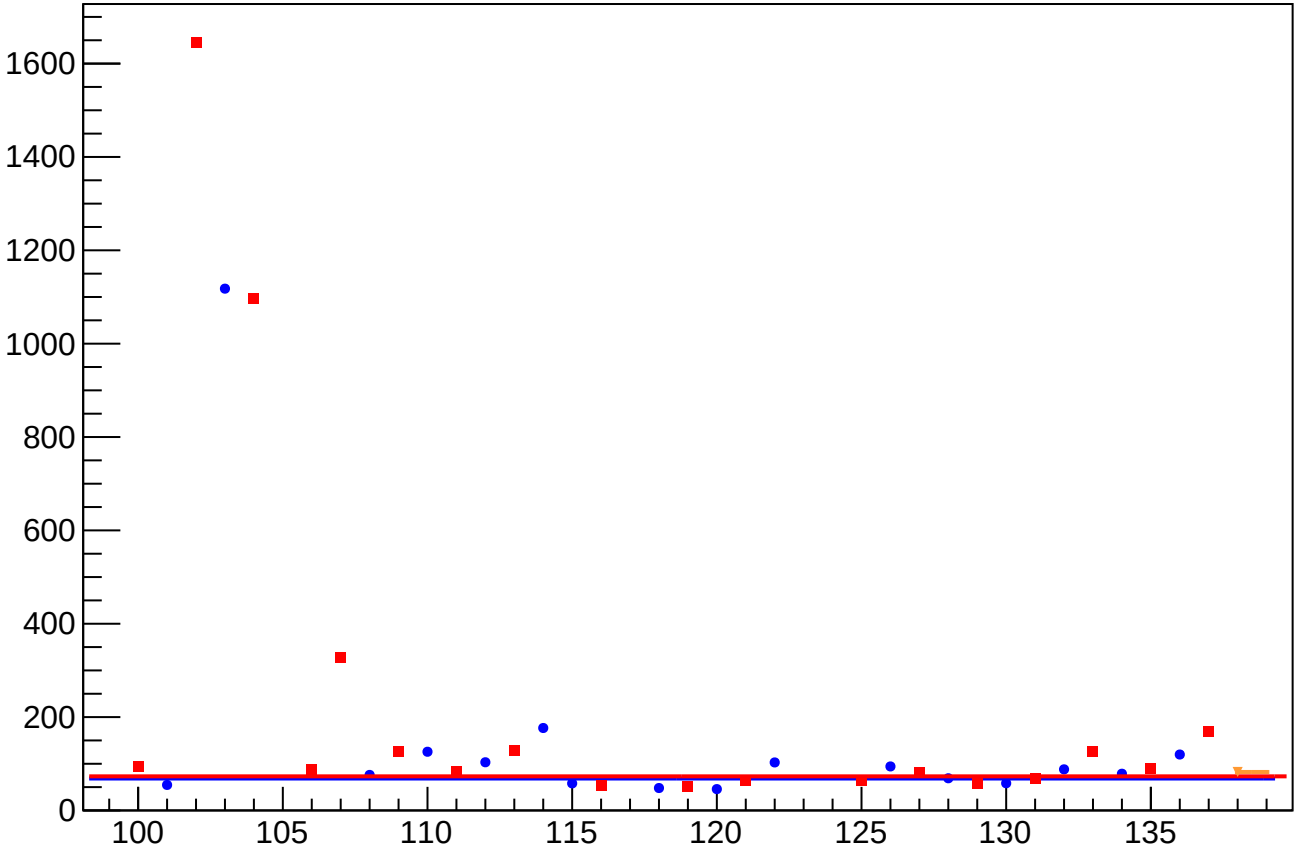
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.029 χ^2/NDF: 14.8/16

All: 0.019+/-0.022 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 68.429+/-0.021 χ^2/NDF: 2278083.9/15

Left Out: 82.449+/-0.072 χ^2/NDF:0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF: 2913147.6/17

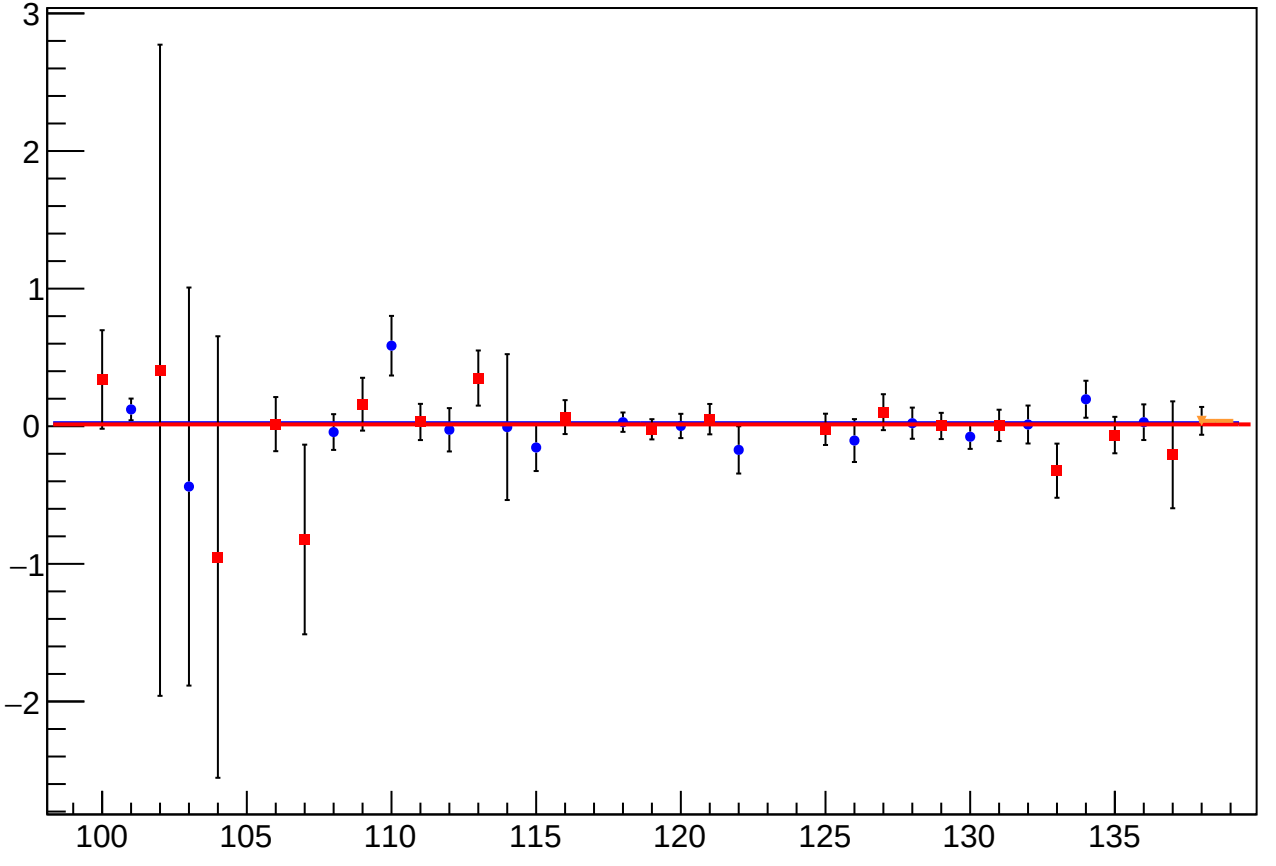
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.573+/-0.020 χ^2/NDF: 2313363.5/16

All: 71.067+/-0.015 χ^2/NDF: 5239031.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022+/-0.030 χ^2/NDF: 14.8/15

Left Out: 0.039+/-0.101 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.033 χ^2/NDF: 10.8/17

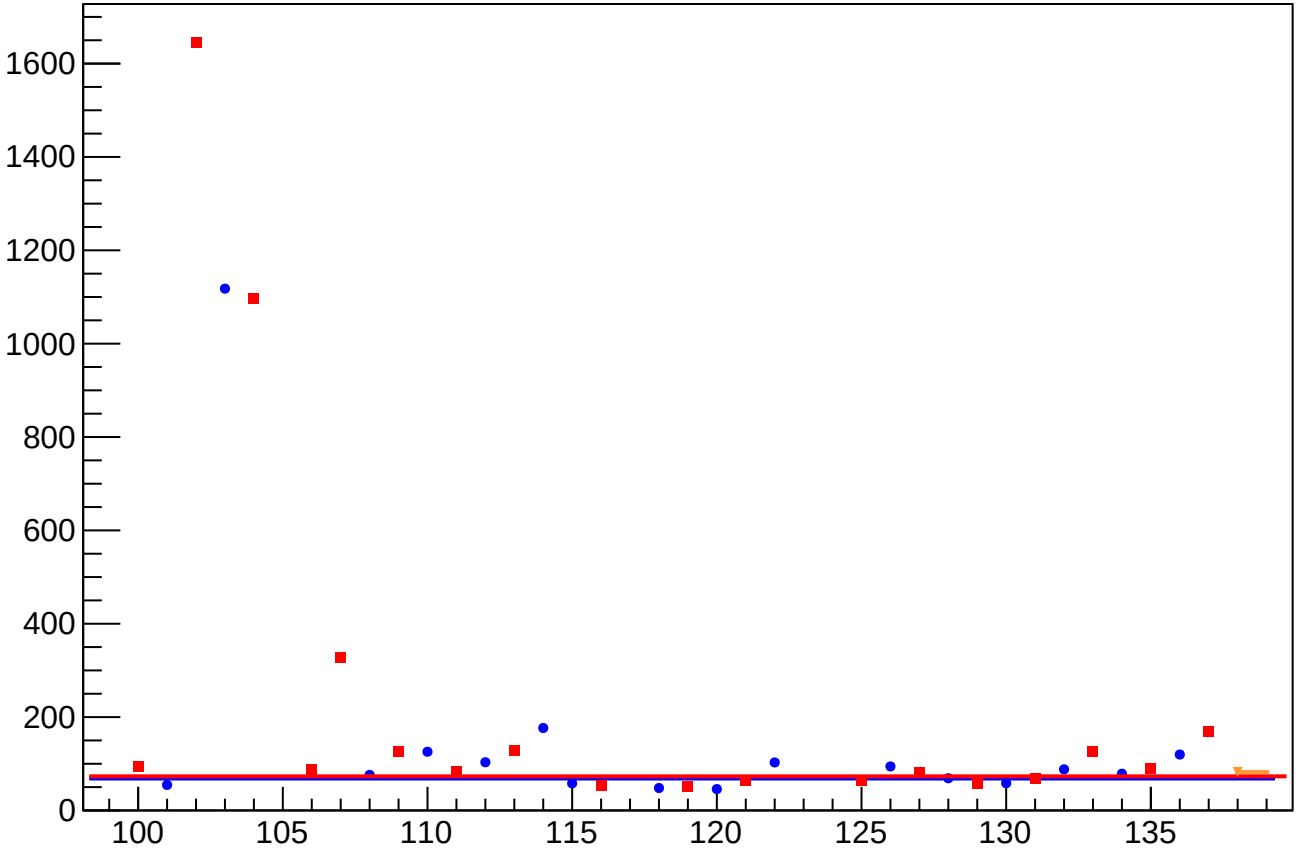
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.029 χ^2/NDF: 14.8/16

All: 0.019+/-0.022 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 68.429+/-0.021 χ^2/NDF: 2278083.9/15

Left Out: 82.449+/-0.072 χ^2/NDF:0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF: 2913147.6/17

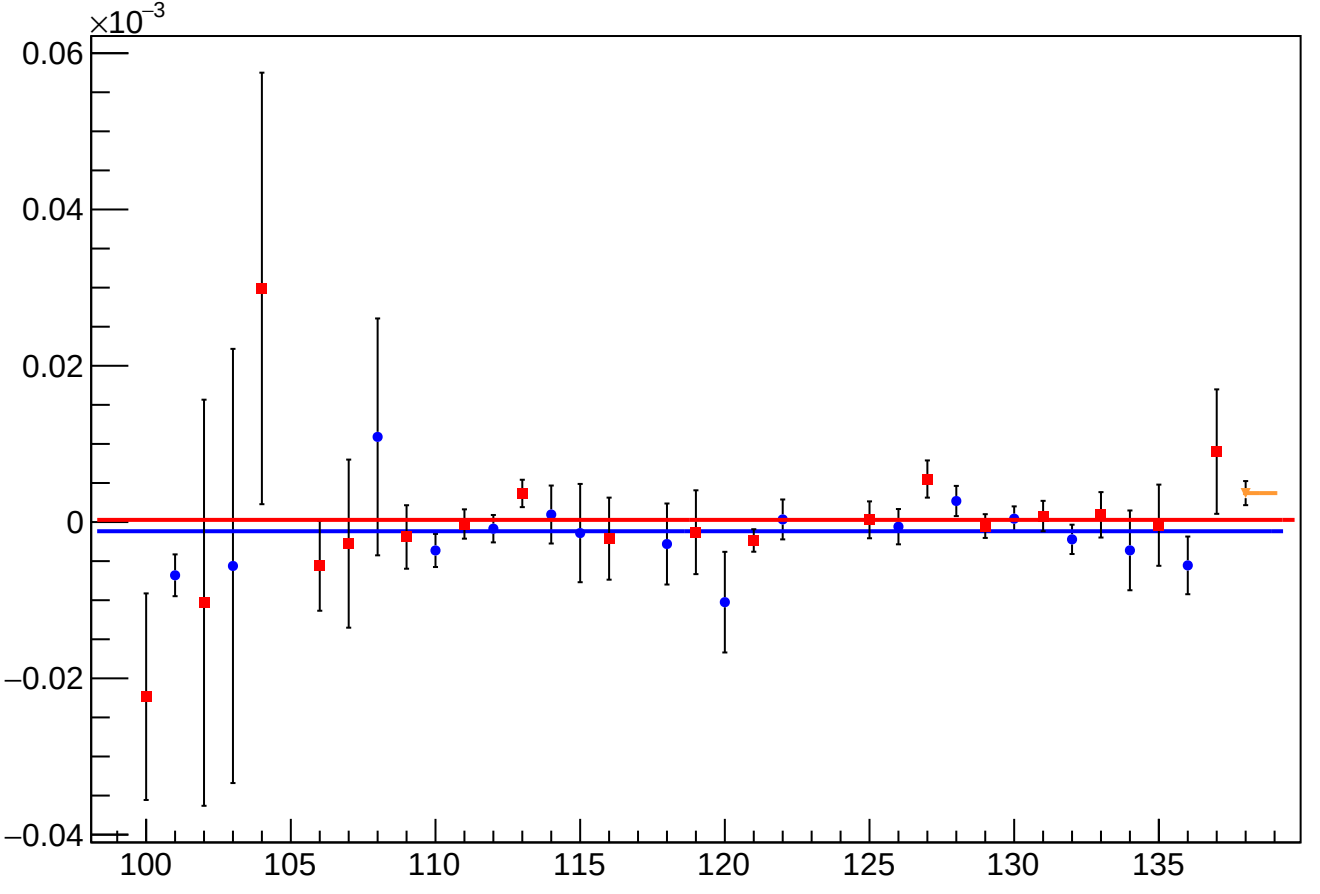
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.573+/-0.020 χ^2/NDF: 2313363.5/16

All: 71.067+/-0.015 χ^2/NDF: 5239031.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 16.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 19.5/17

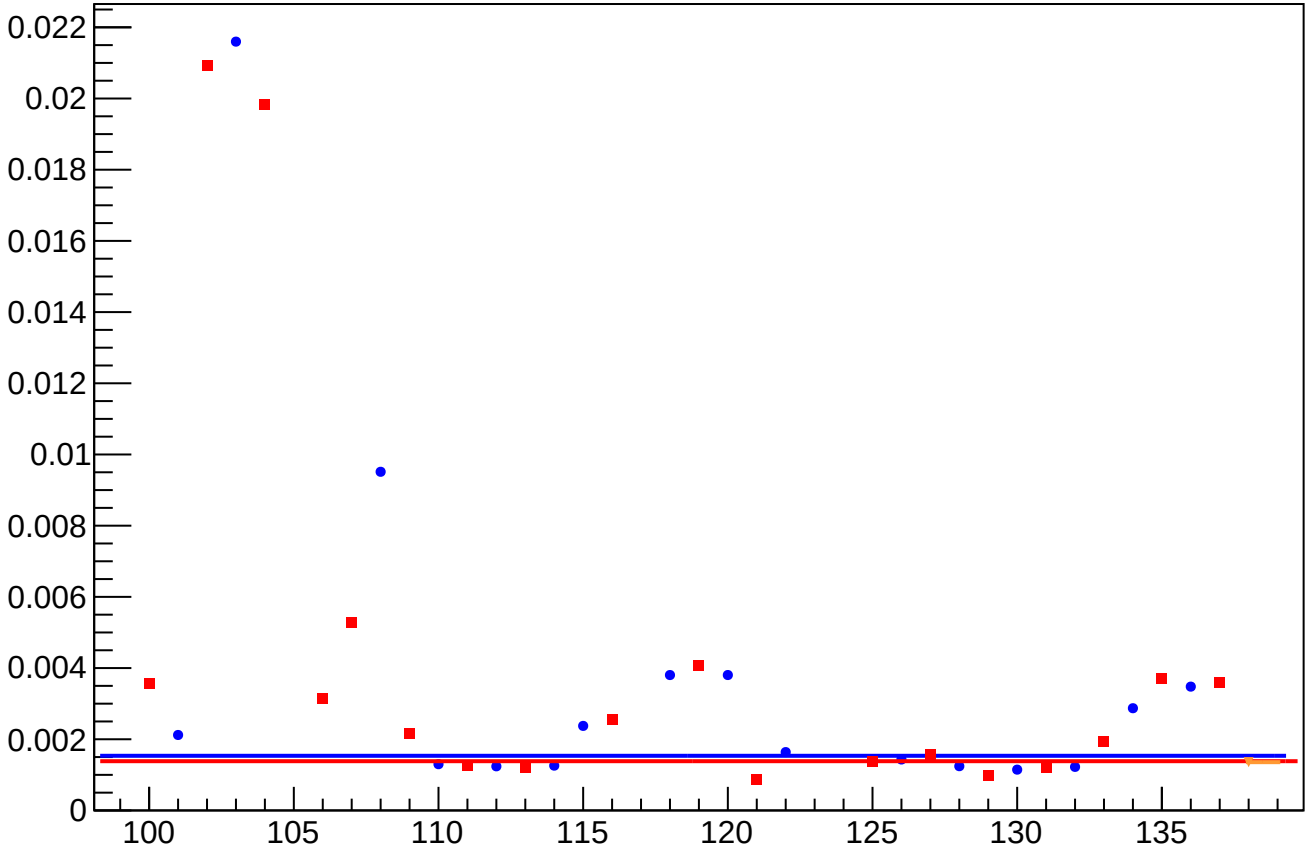
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 24.8/16

All: -0.000+/-0.000 χ^2/NDF: 44.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 3373907.9/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF: 4269081.2/17

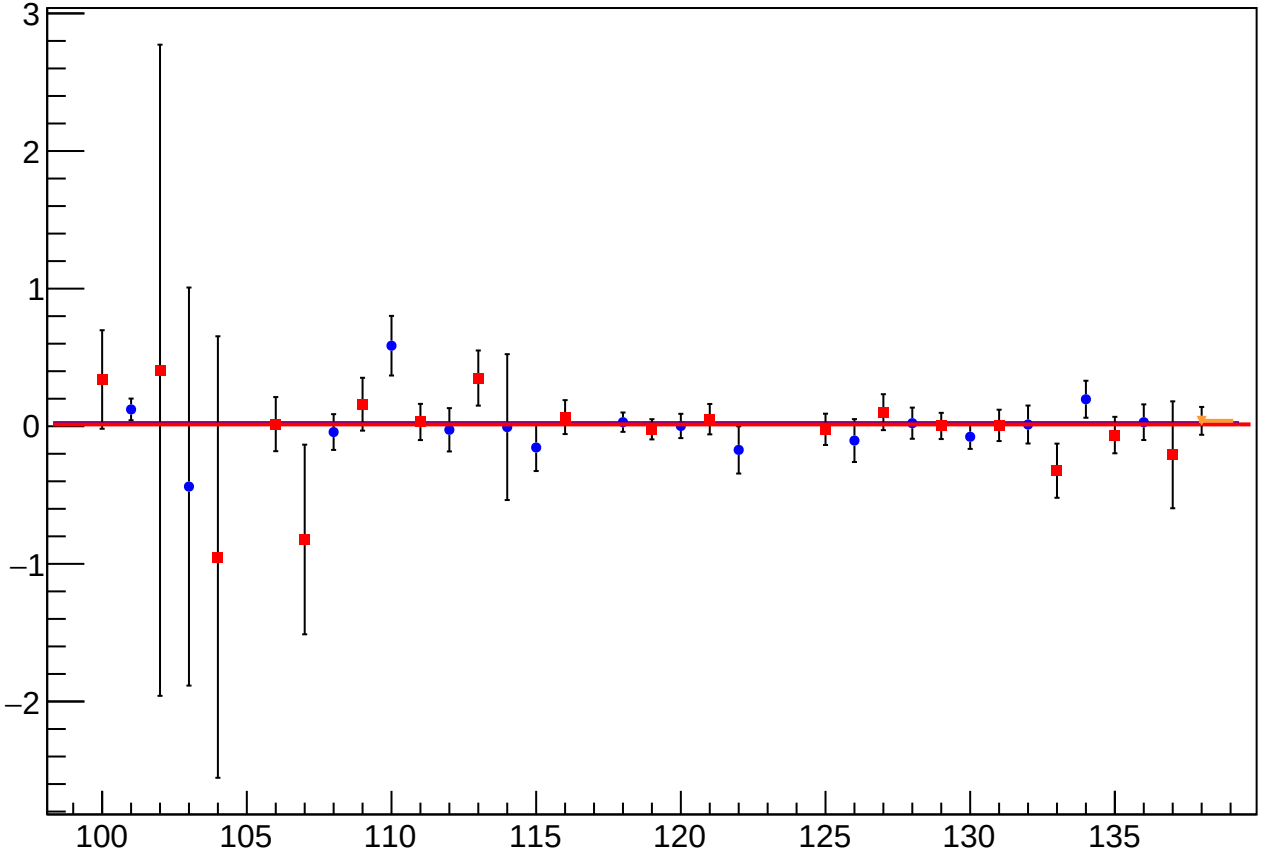
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 3396699.1/16

All: 0.001+/-0.000 χ^2/NDF: 7705548.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022+/-0.030 χ^2/NDF: 14.8/15

Left Out: 0.039+/-0.101 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.033 χ^2/NDF: 10.8/17

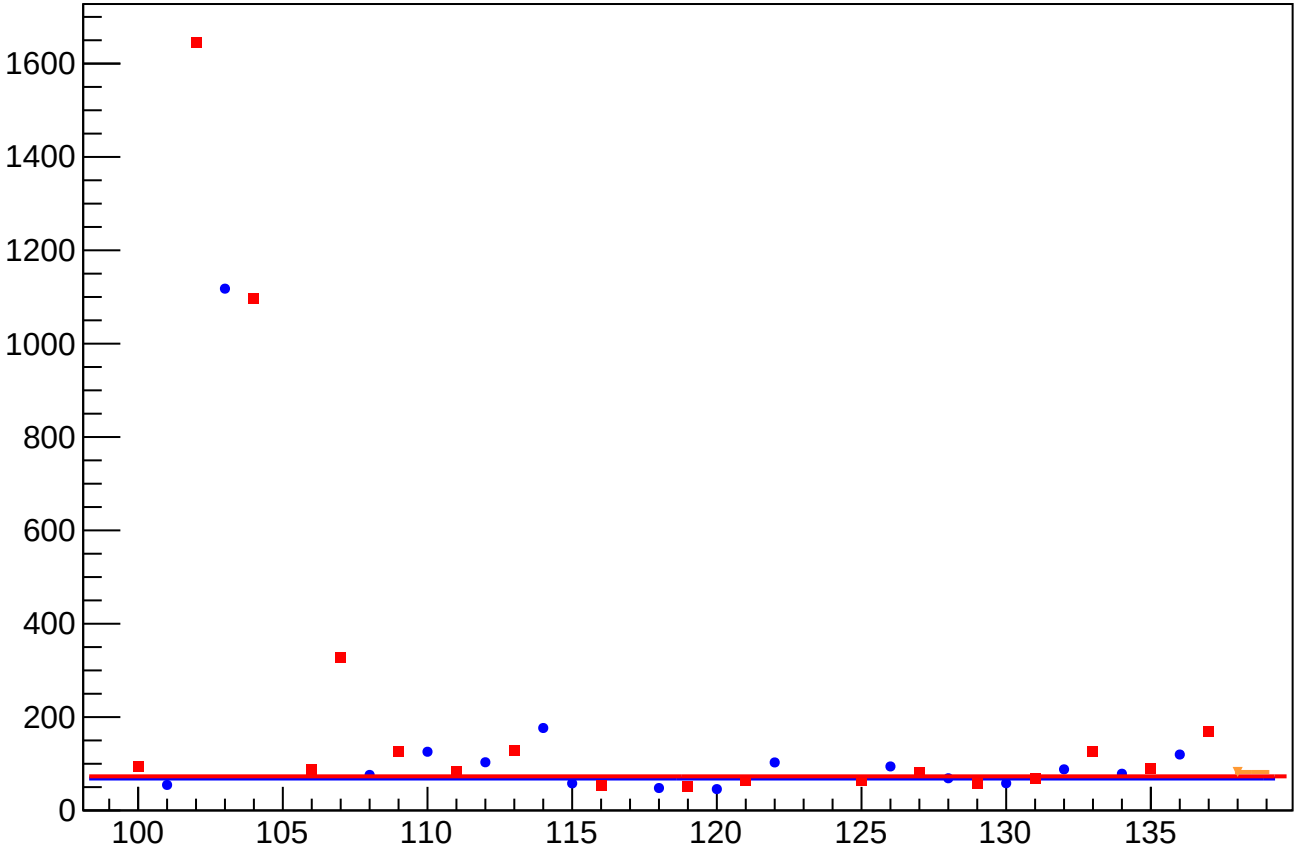
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.029 χ^2/NDF: 14.8/16

All: 0.019+/-0.022 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 68.428+/-0.021 χ^2/NDF: 2278168.9/15

Left Out: 82.449+/-0.072 χ^2/NDF:0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF: 2913161.9/17

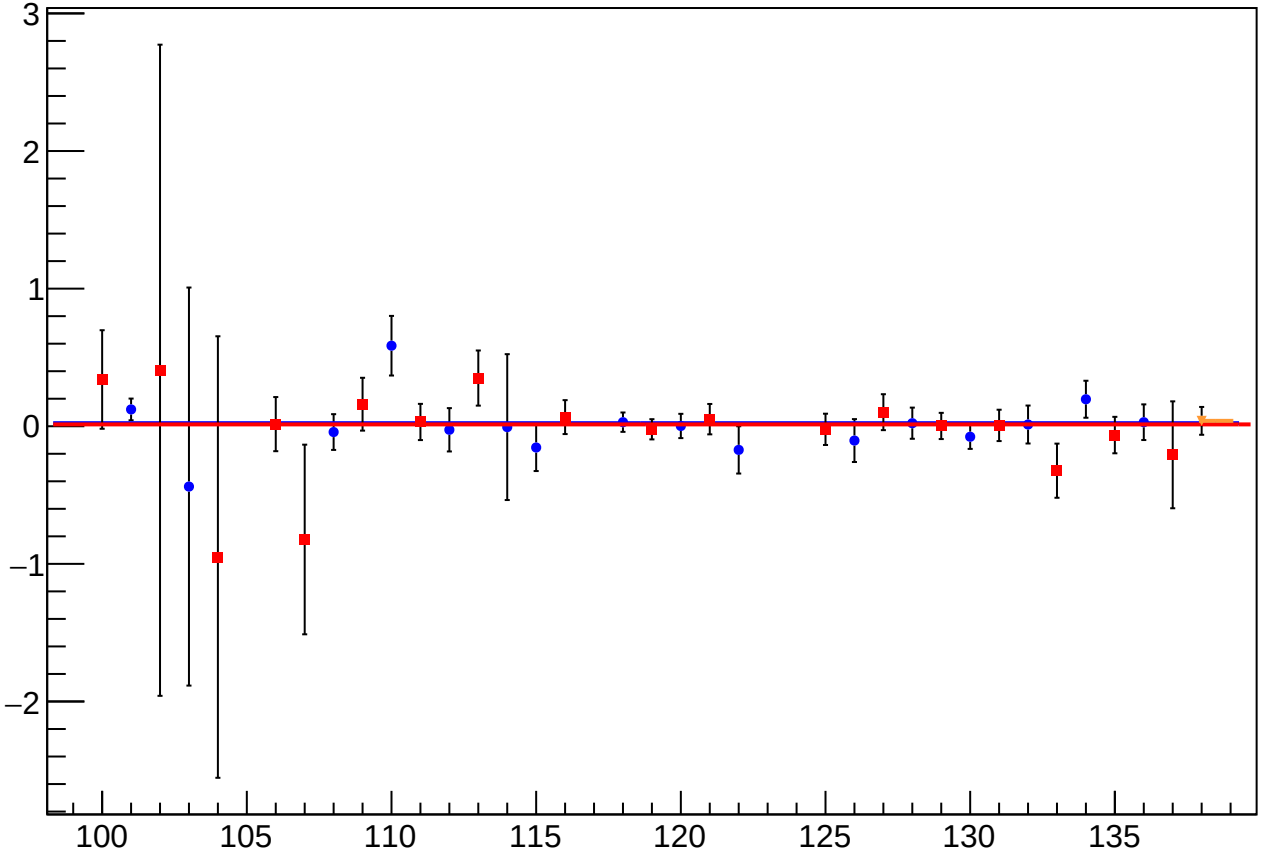
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.572+/-0.020 χ^2/NDF: 2313454.4/16

All: 71.066+/-0.015 χ^2/NDF: 5239139.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022+/-0.030 χ^2/NDF: 14.8/15

Left Out: 0.039+/-0.101 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.033 χ^2/NDF: 10.8/17

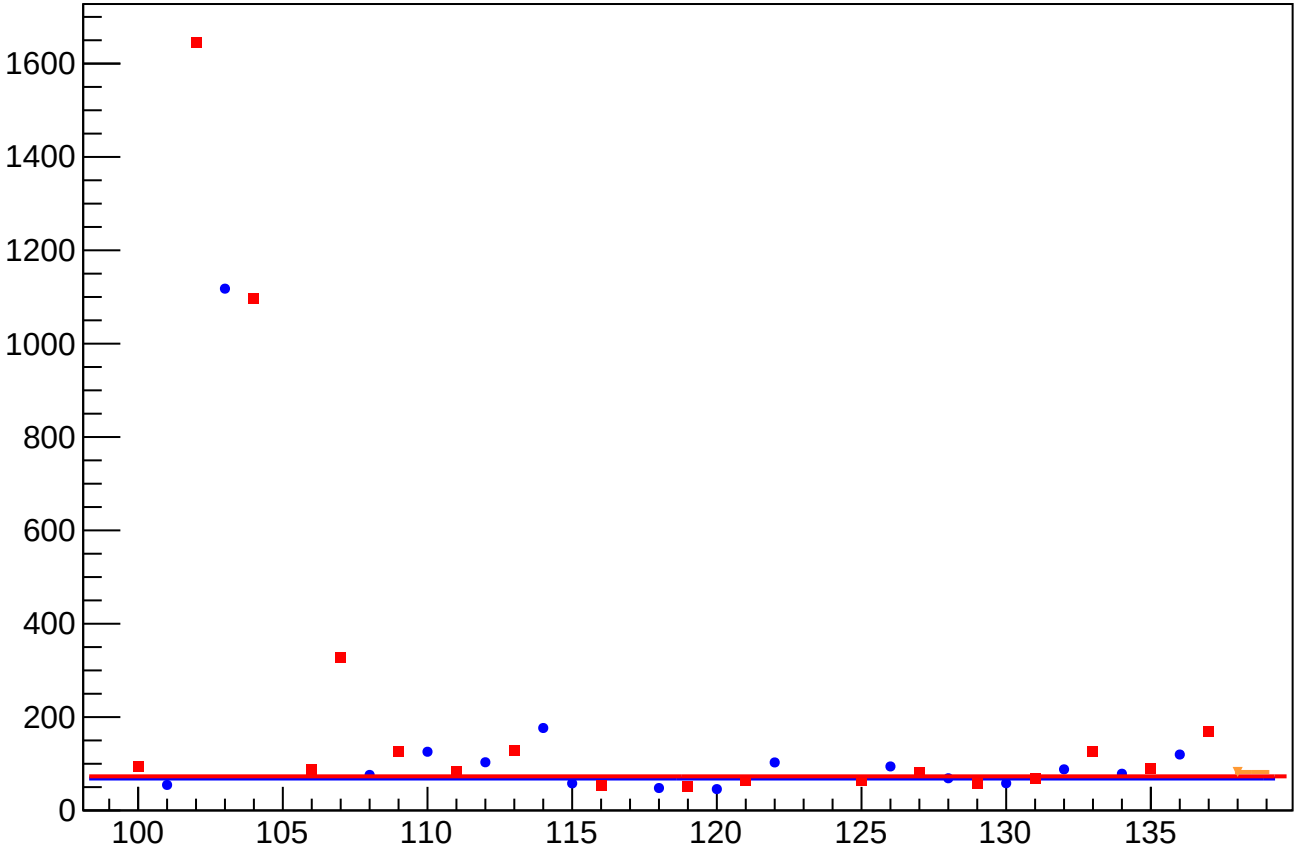
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.029 χ^2/NDF: 14.8/16

All: 0.019+/-0.022 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 68.428+/-0.021 χ^2/NDF: 2278168.9/15

Left Out: 82.449+/-0.072 χ^2/NDF:0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF: 2913161.9/17

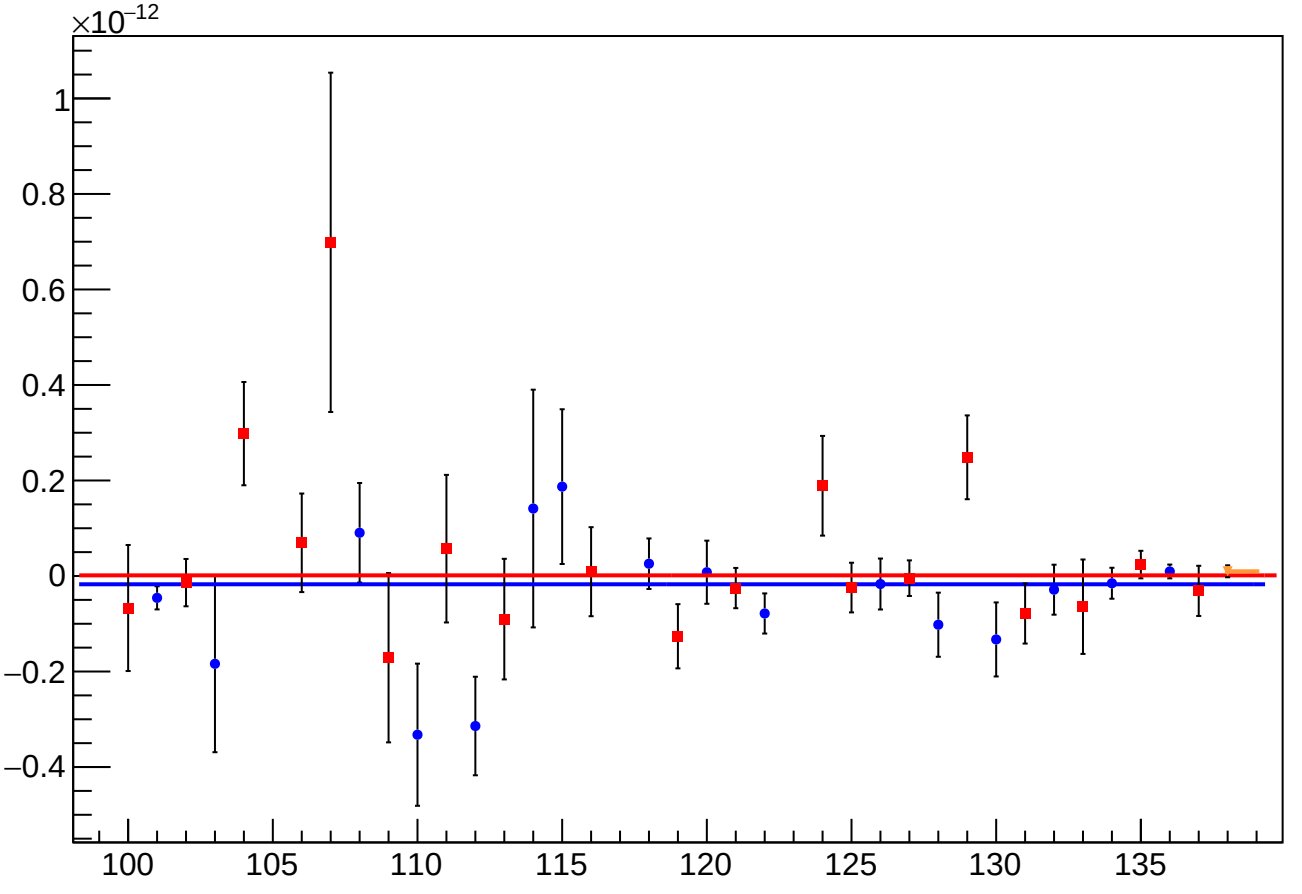
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.572+/-0.020 χ^2/NDF: 2313454.4/16

All: 71.066+/-0.015 χ^2/NDF: 5239139.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 28.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

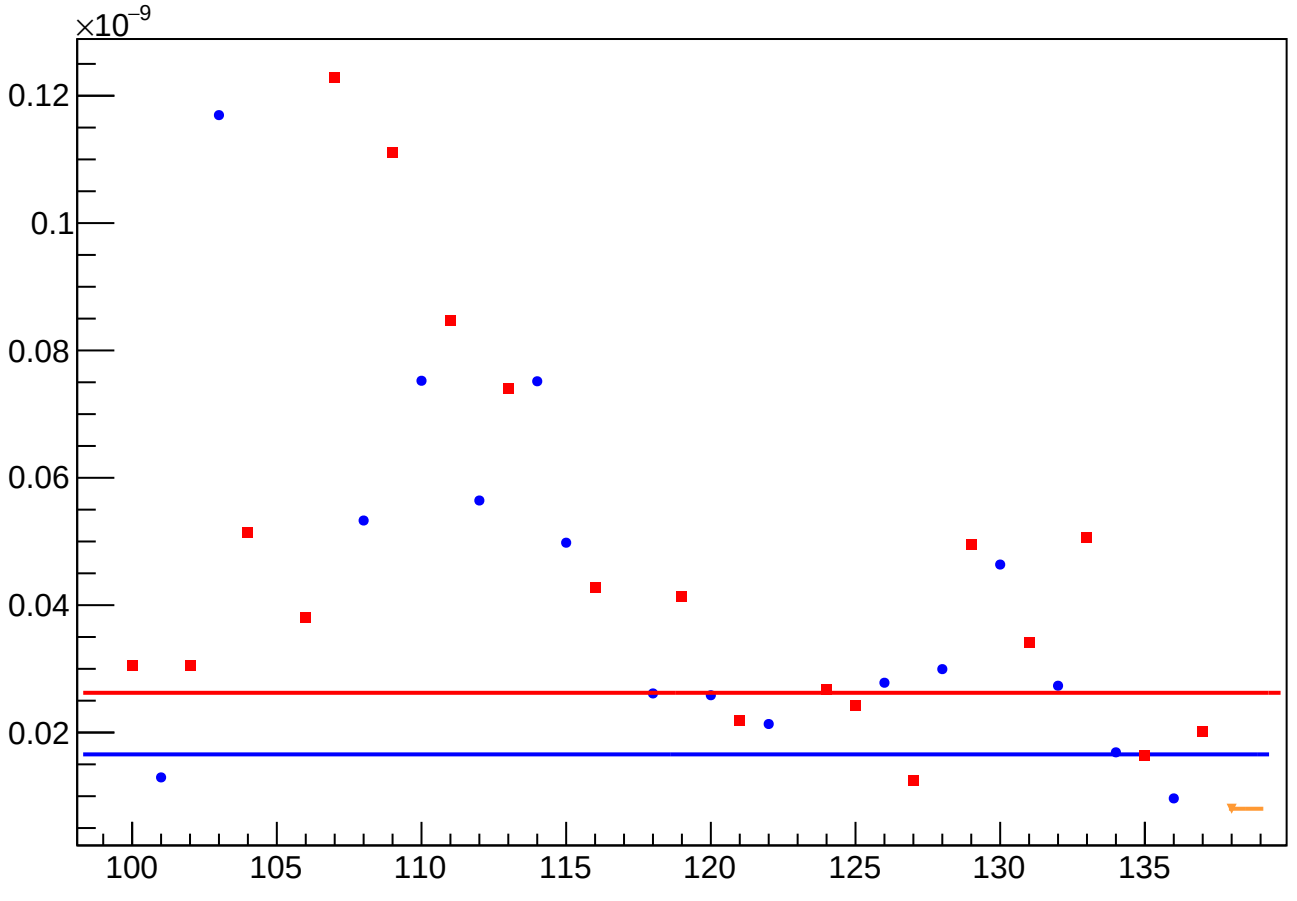
Right Out: 0.000+/-0.000 χ^2/NDF: 32.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 31.1/16

All: -0.000+/-0.000 χ^2/NDF: 63.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2823424.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2346394.7/18

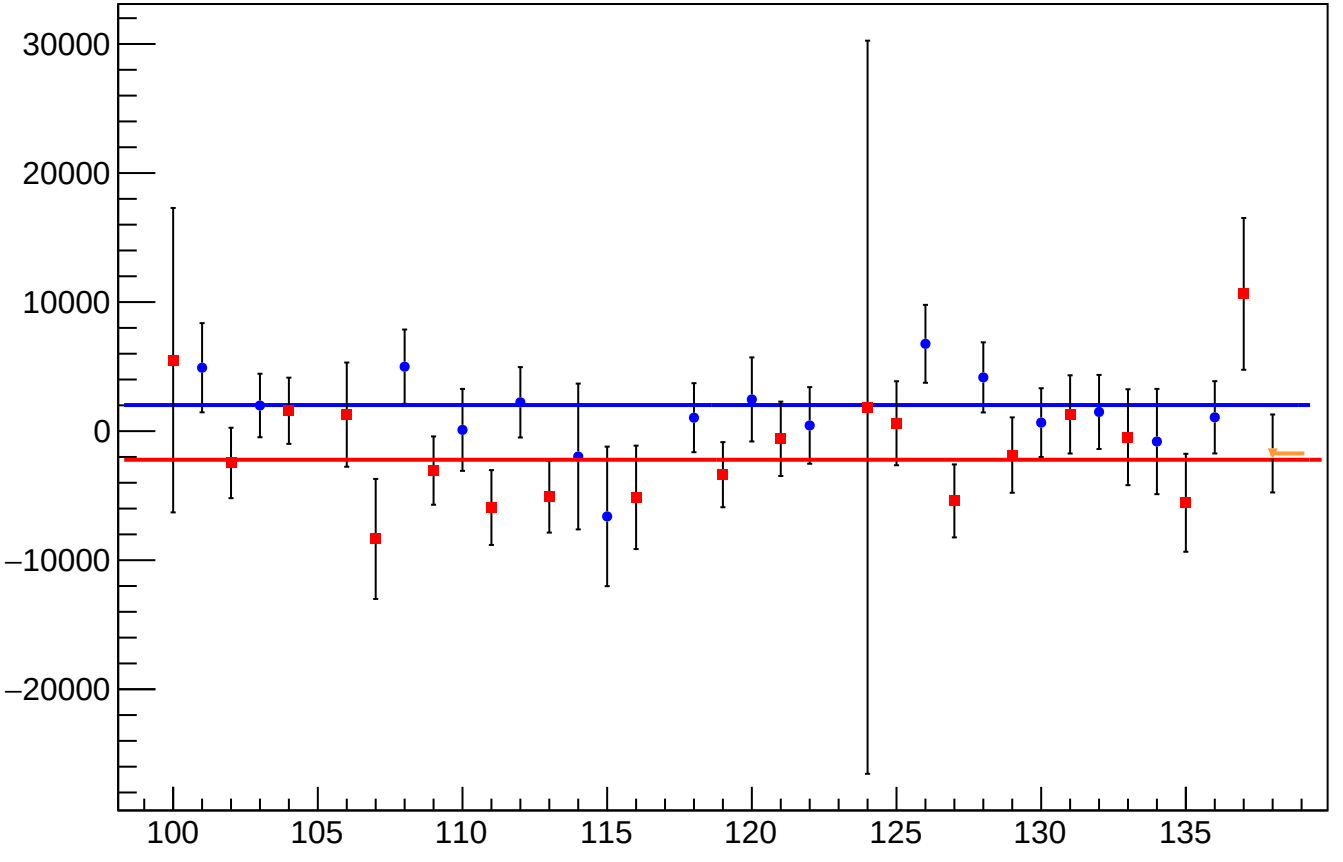
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3392304.7/16

All: 0.000+/-0.000 χ^2/NDF: 7016938.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 2022.690+/-764.357 χ^2/NDF: 9.6/15

Left Out: -1728.643+/-3021.087 χ^2/NDF:0.0/0

Right Out: -2217.261+/-756.139 χ^2/NDF: 18.1/18

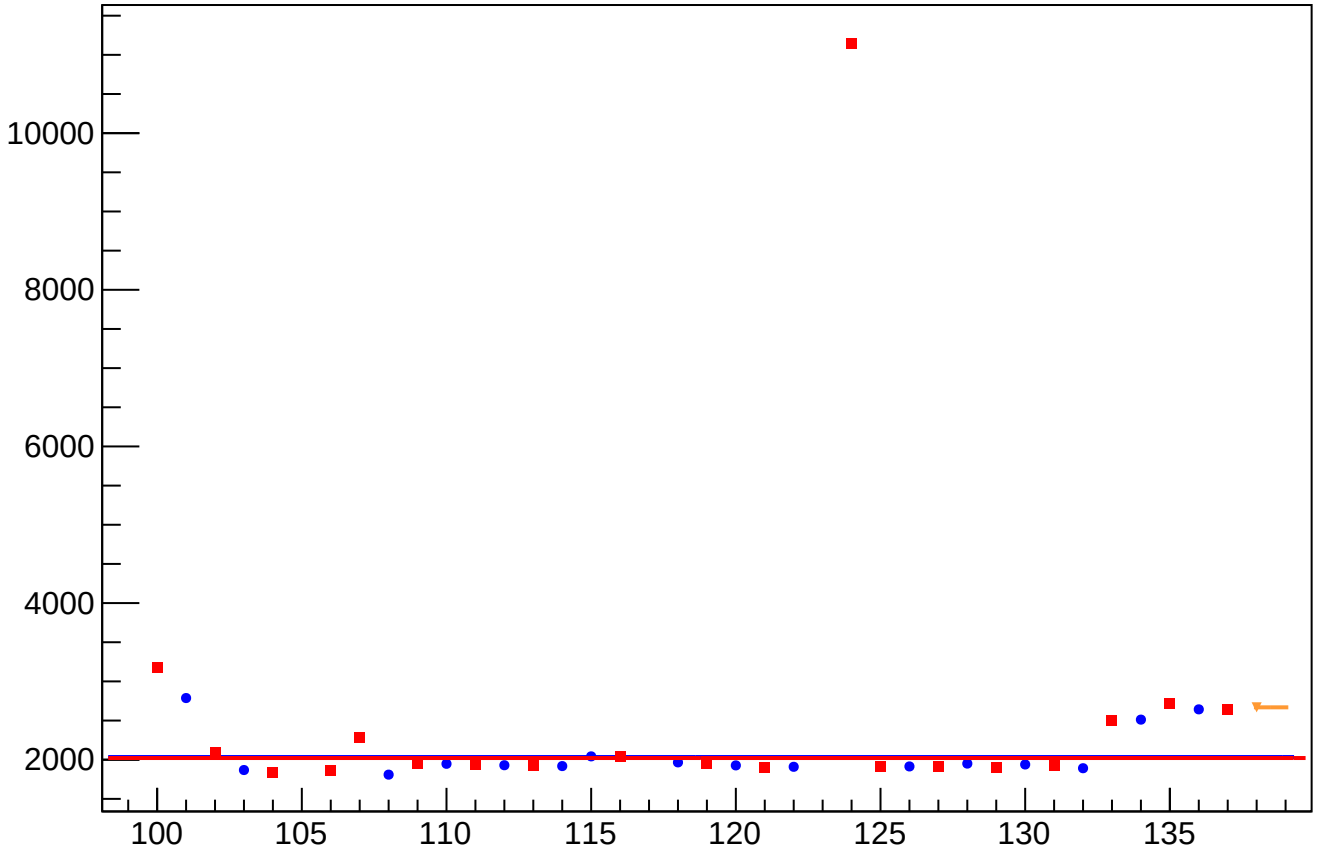
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1797.004+/-741.008 χ^2/NDF: 11.1/16

All: -169.561+/-529.240 χ^2/NDF: 43.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_rms vs Slug



Right In: 2034.159+/-0.540 χ^2/NDF: 262960.7/15

Left Out: 2668.796+/-2.136 χ^2/NDF:0.0/0

Right Out: 2021.545+/-0.535 χ^2/NDF: 390321.3/18

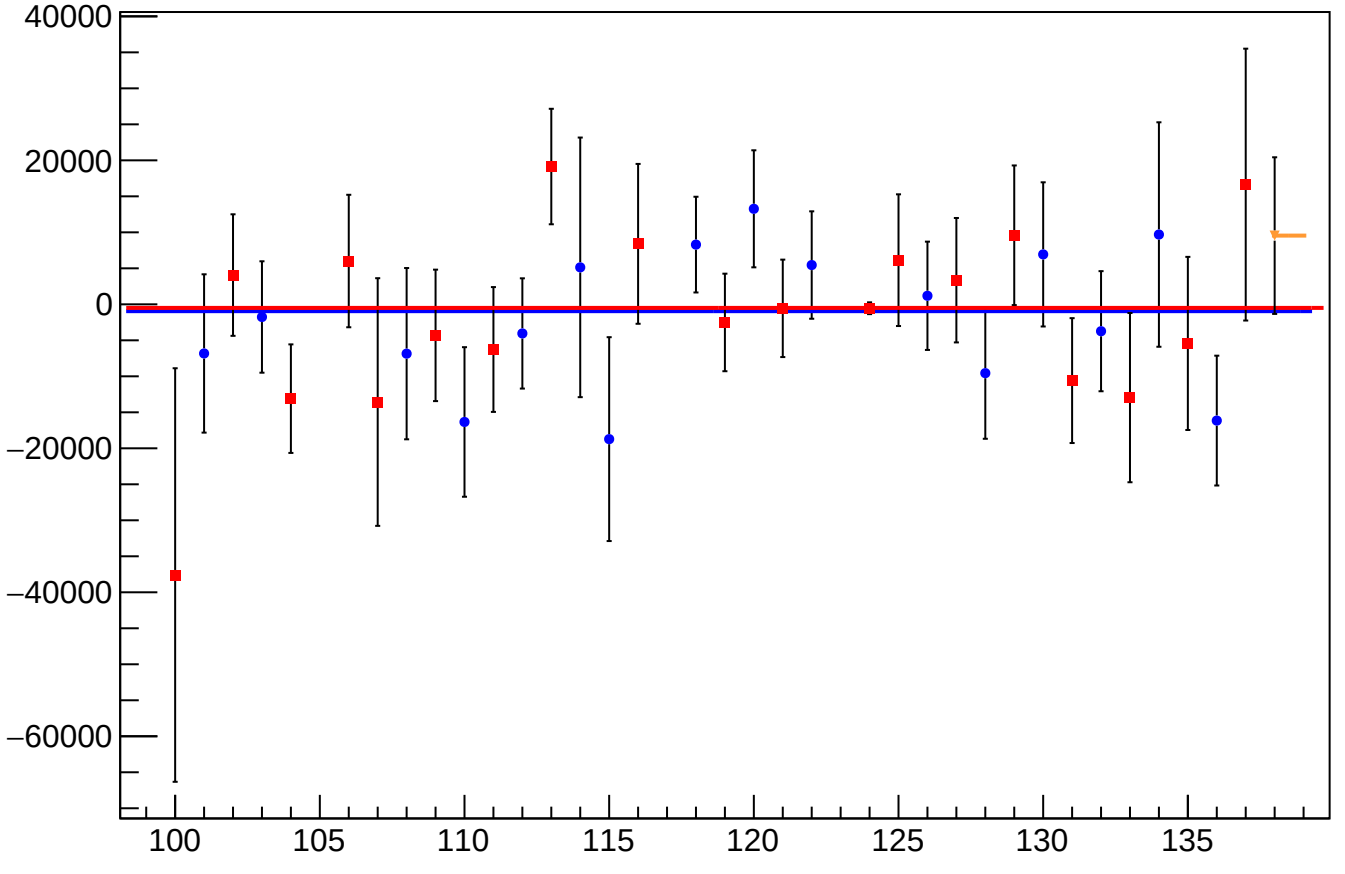
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2072.340+/-0.524 χ^2/NDF: 345909.0/16

All: 2047.456+/-0.374 χ^2/NDF: 740834.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_reg_correction_mean vs Slug



Right In: -950.519+/-2278.532 χ^2/NDF: 15.3/15

Left Out: 9546.041+/-10878.703 χ^2/NDF:0.0/0

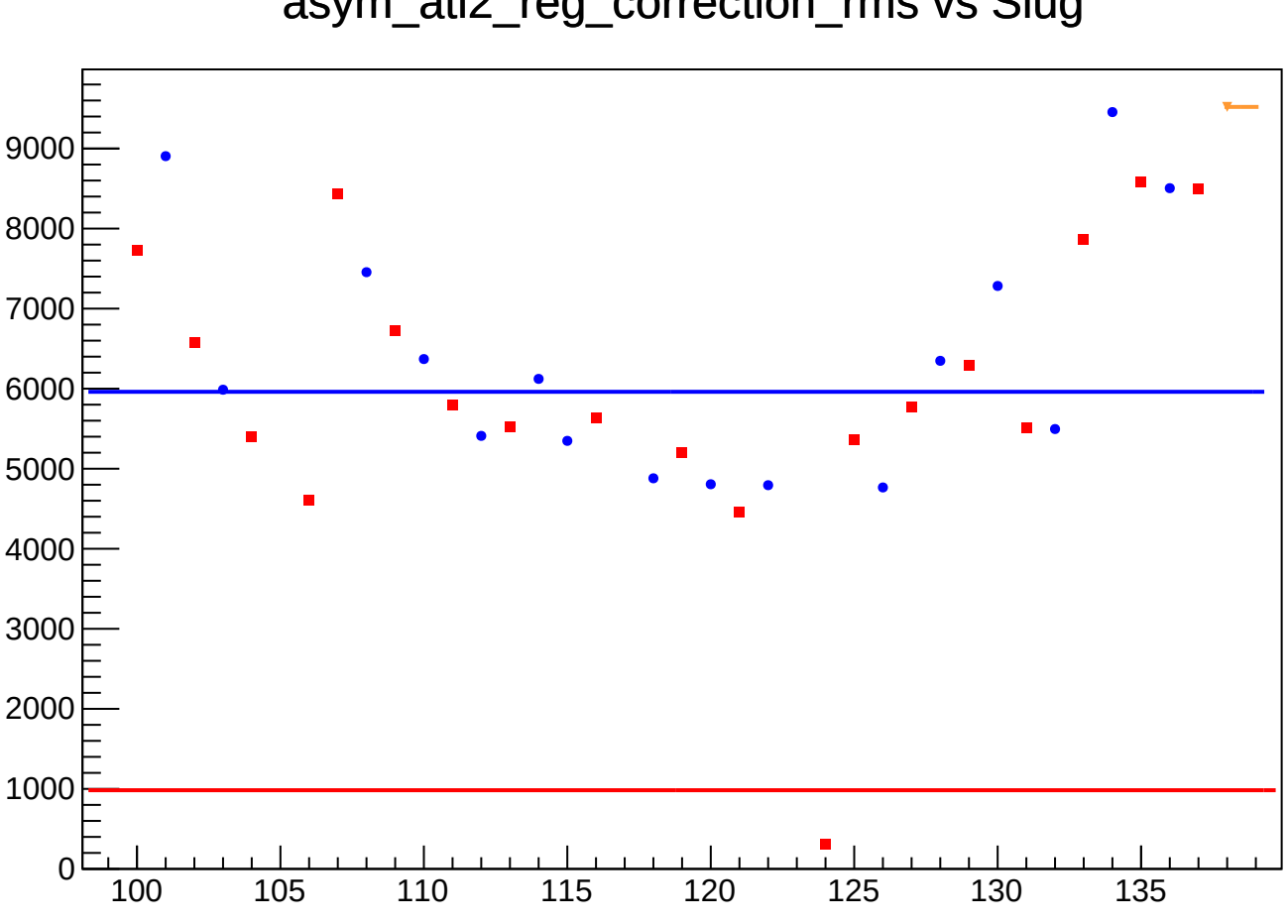
Right Out: -497.346+/-768.286 χ^2/NDF: 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -509.399+/-2230.140 χ^2/NDF: 16.2/16

All: -498.625+/-726.390 χ^2/NDF: 34.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5960.802+/-1.611 χ^2/NDF: 689267.6/15

Left Out: 9519.962+/-7.692 χ^2/NDF:0.0/0

Right Out: 983.316+/-0.543 χ^2/NDF: 11416689.8/18

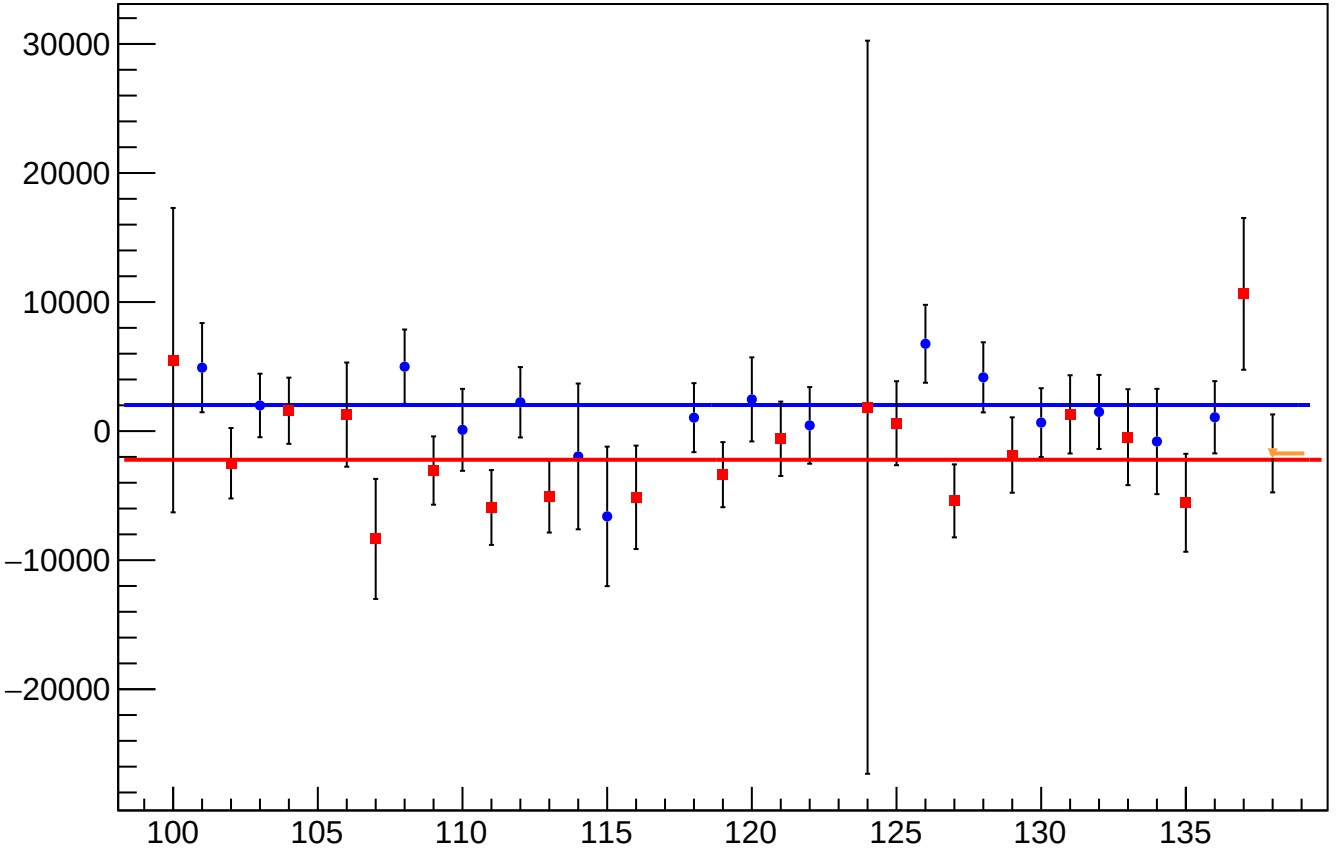
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6110.376+/-1.577 χ^2/NDF: 894348.4/16

All: 1527.248+/-0.514 χ^2/NDF: 21760263.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl2_mean vs Slug



Right In: 2022.816+/-764.357 χ^2/NDF: 9.6/15

Left Out: -1728.360+/-3021.087 χ^2/NDF:0.0/0

Right Out: -2219.099+/-756.147 χ^2/NDF: 18.1/18

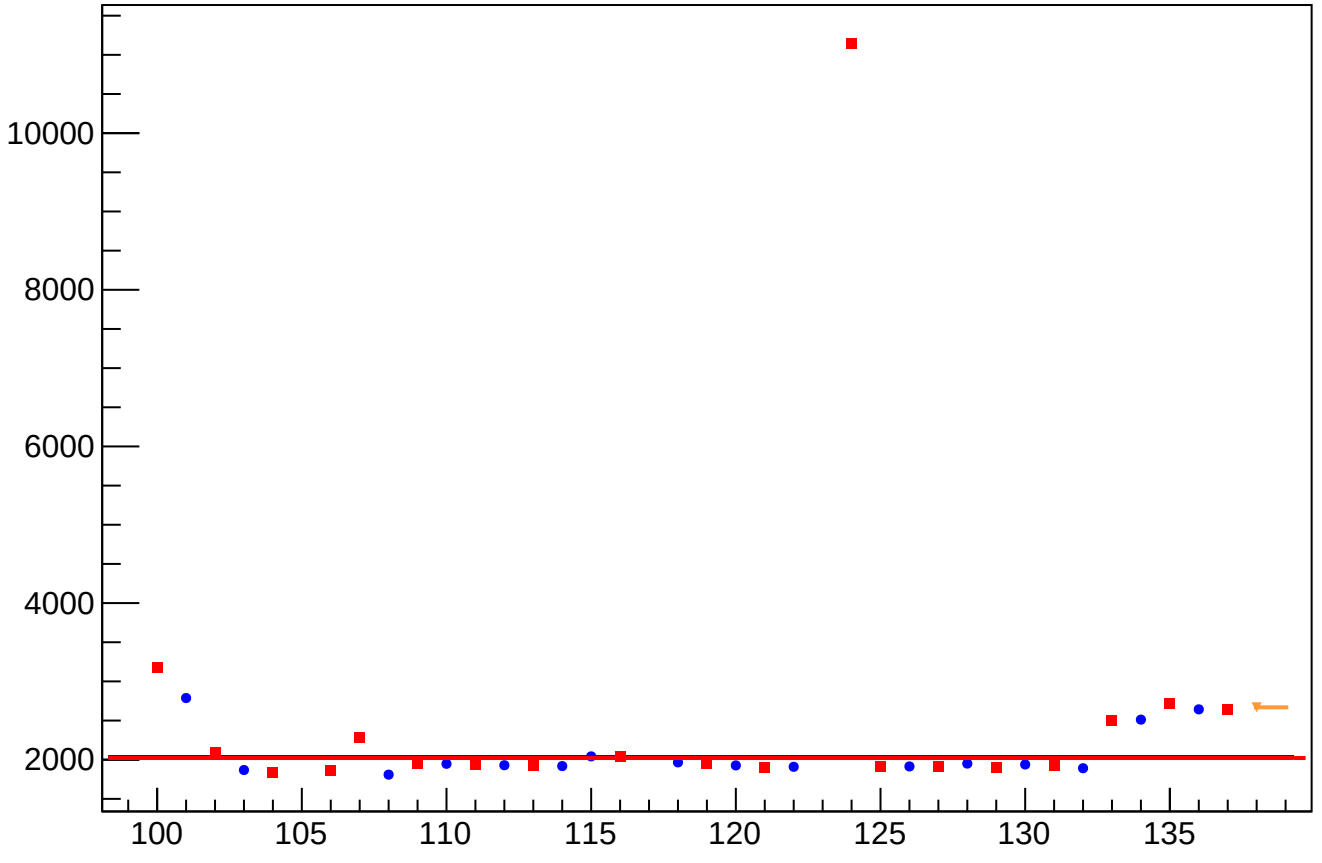
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1797.140+/-741.008 χ^2/NDF: 11.1/16

All: -170.372+/-529.243 χ^2/NDF: 43.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl2_rms vs Slug



Right In: 2034.159+/-0.540 χ^2/NDF: 262960.5/15

Left Out: 2668.796+/-2.136 χ^2/NDF:0.0/0

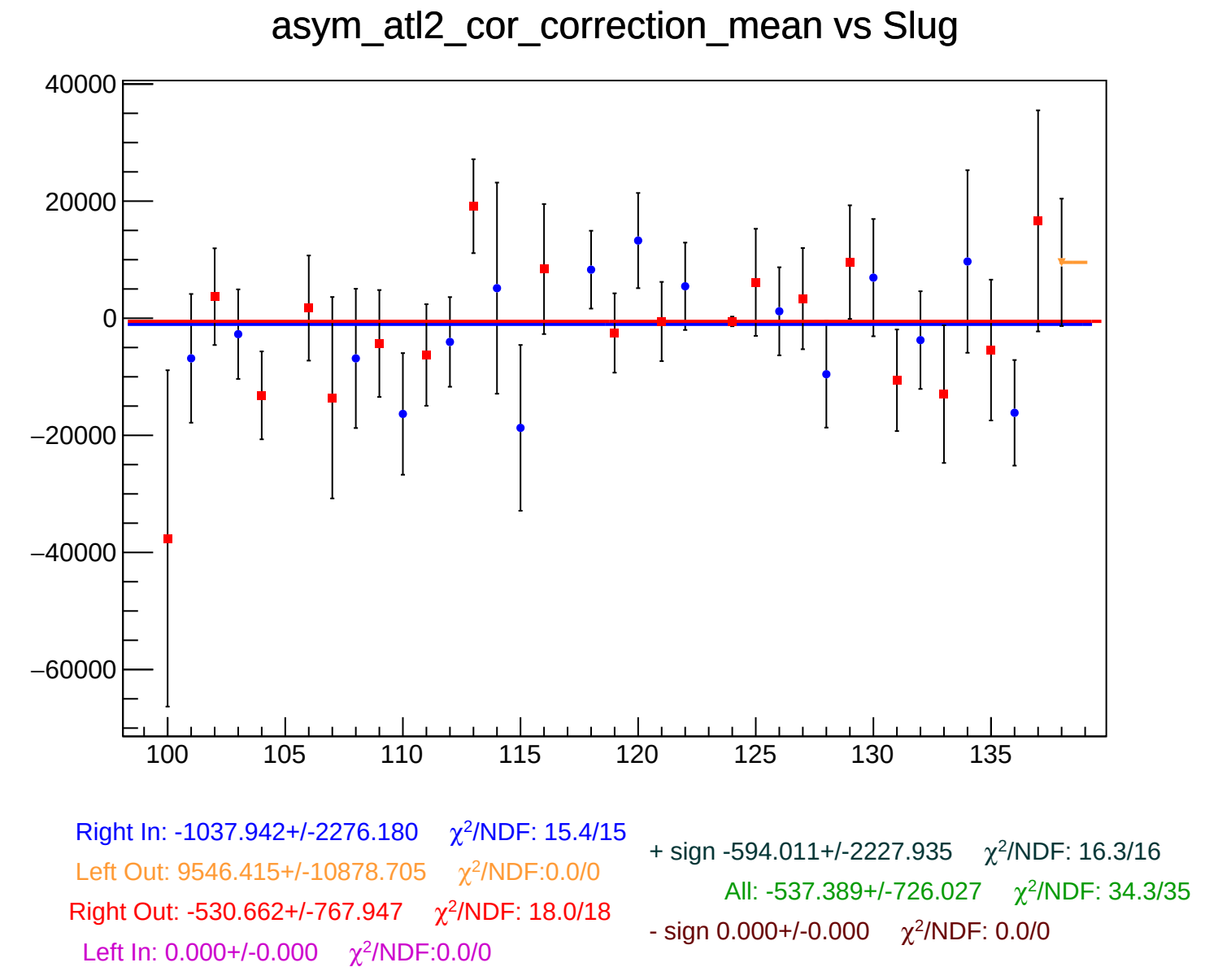
Right Out: 2021.566+/-0.535 χ^2/NDF: 390333.0/18

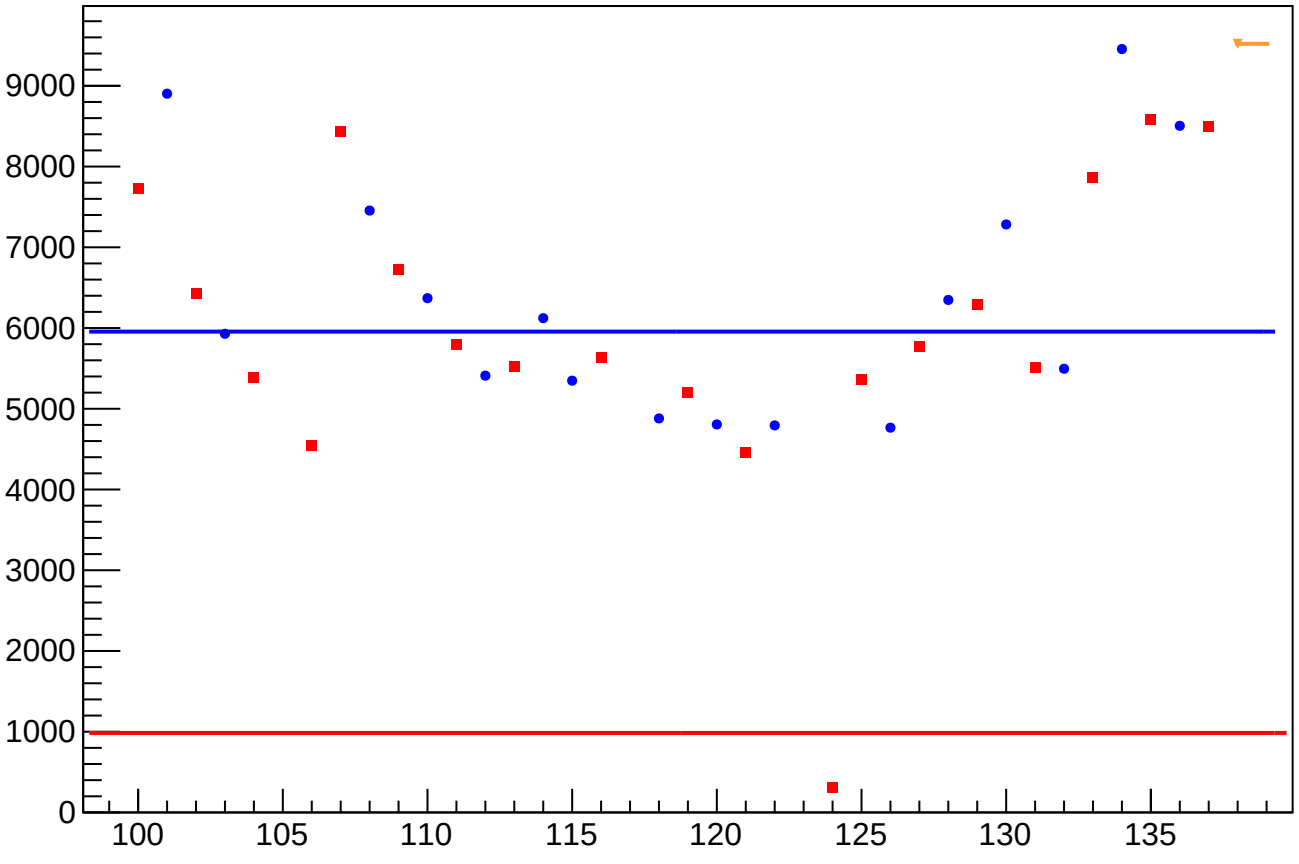
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2072.340+/-0.524 χ^2/NDF: 345908.9/16

All: 2047.466+/-0.374 χ^2/NDF: 740841.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl2_cor_correction_mean vs Slug
40000
20000
0
−20000
−40000
−60000
100
105
110
115
120
125
130
135
Right In: -1037.942+/-2276.180 χ²/NDF: 15.4/15
Left Out: 9546.415+/-10878.705 χ²/NDF:0.0/0
Right Out: -530.662+/-767.947 χ²/NDF: 18.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -594.011+/-2227.935 χ²/NDF: 16.3/16
All: -537.389+/-726.027 χ²/NDF: 34.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 5955.638+/-1.610 χ^2/NDF: 689141.5/15

Left Out: 9519.964+/-7.692 χ^2/NDF:0.0/0

Right Out: 985.045+/-0.543 χ^2/NDF: 11412843.1/18

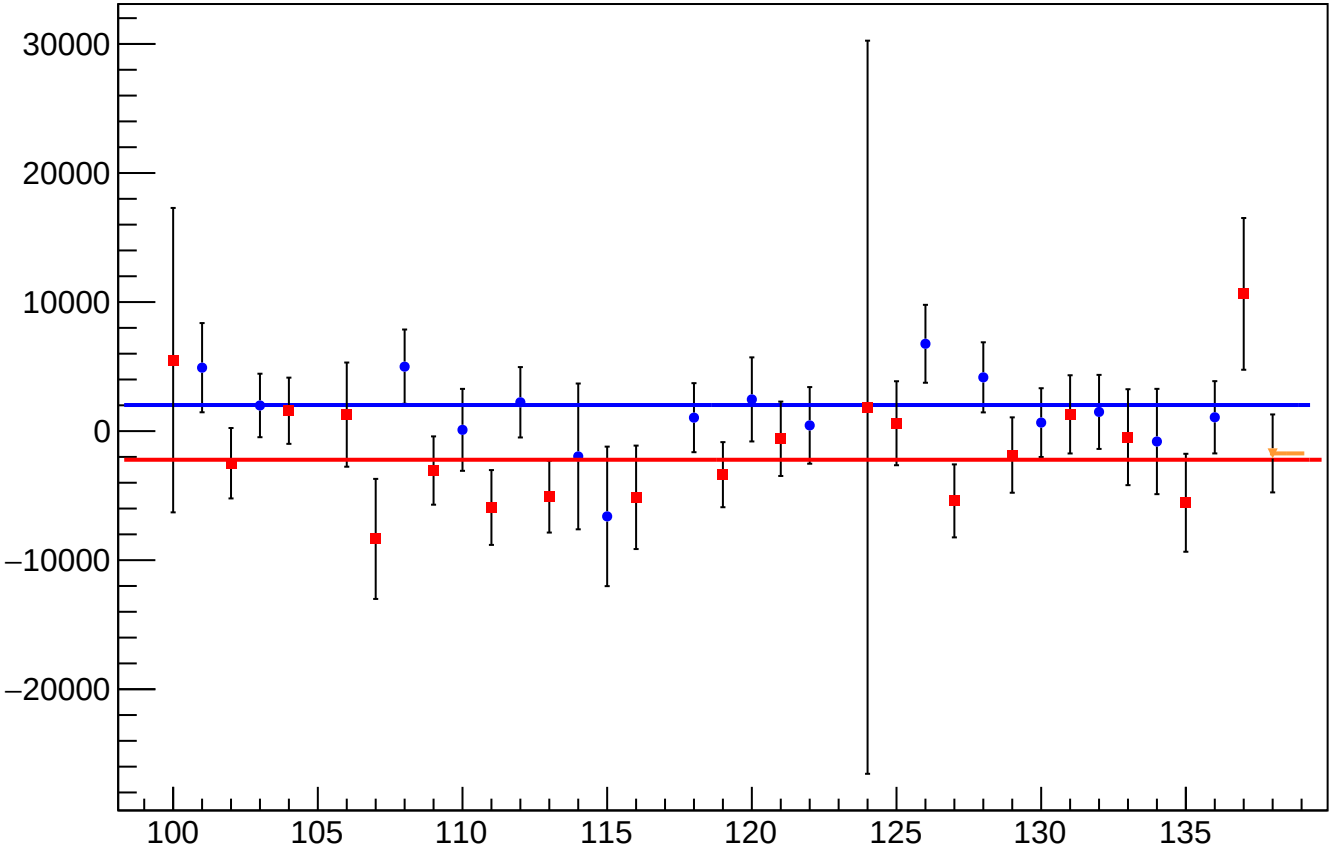
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6105.134+/-1.575 χ^2/NDF: 894835.7/16

All: 1528.768+/-0.513 χ^2/NDF: 21748790.5/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl2_mean vs Slug



Right In: 2022.816+/-764.357 χ^2/NDF: 9.6/15

Left Out: -1728.360+/-3021.087 χ^2/NDF:0.0/0

Right Out: -2219.099+/-756.147 χ^2/NDF: 18.1/18

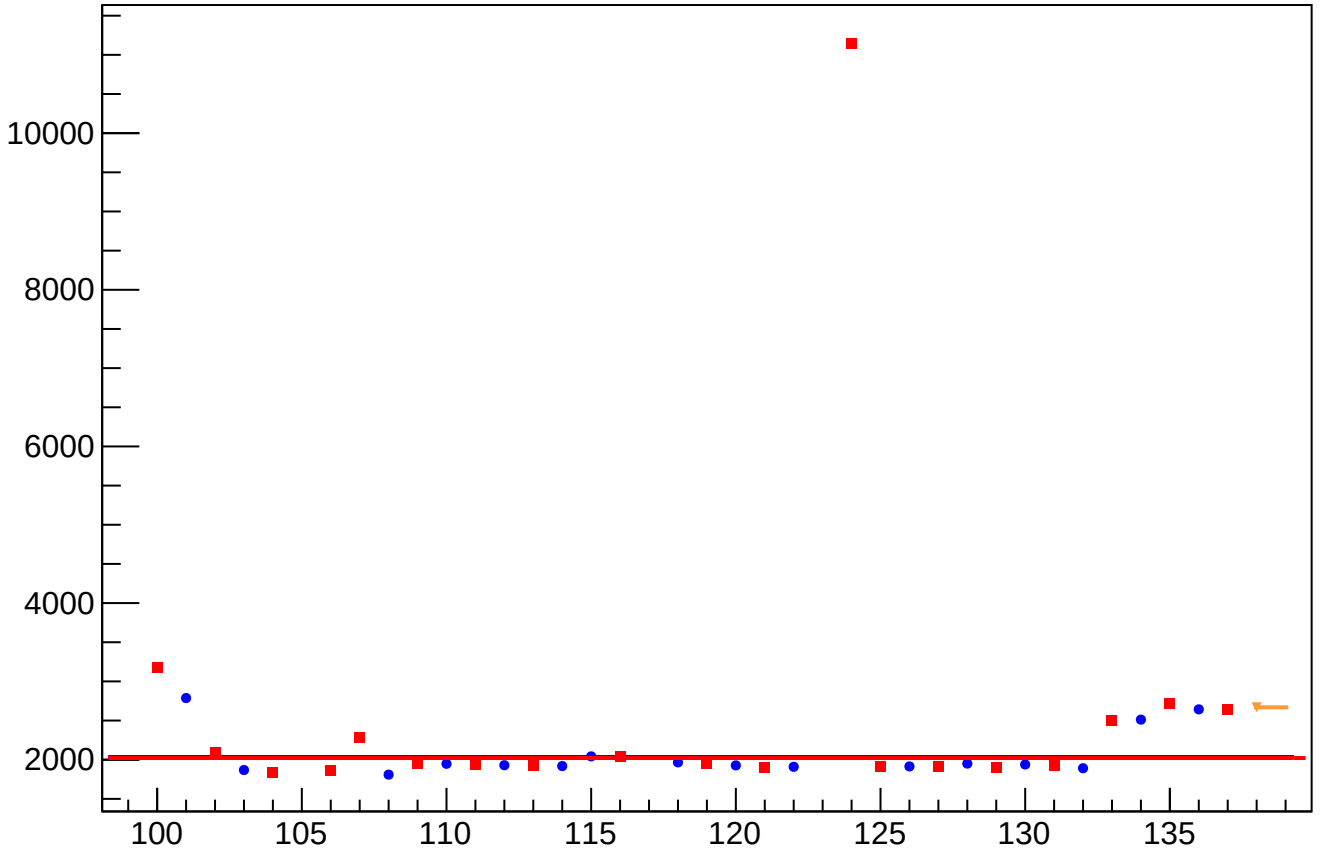
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1797.140+/-741.008 χ^2/NDF: 11.1/16

All: -170.372+/-529.243 χ^2/NDF: 43.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl2_rms vs Slug



Right In: 2034.159+/-0.540 χ^2/NDF: 262960.5/15

Left Out: 2668.796+/-2.136 χ^2/NDF:0.0/0

Right Out: 2021.566+/-0.535 χ^2/NDF: 390333.0/18

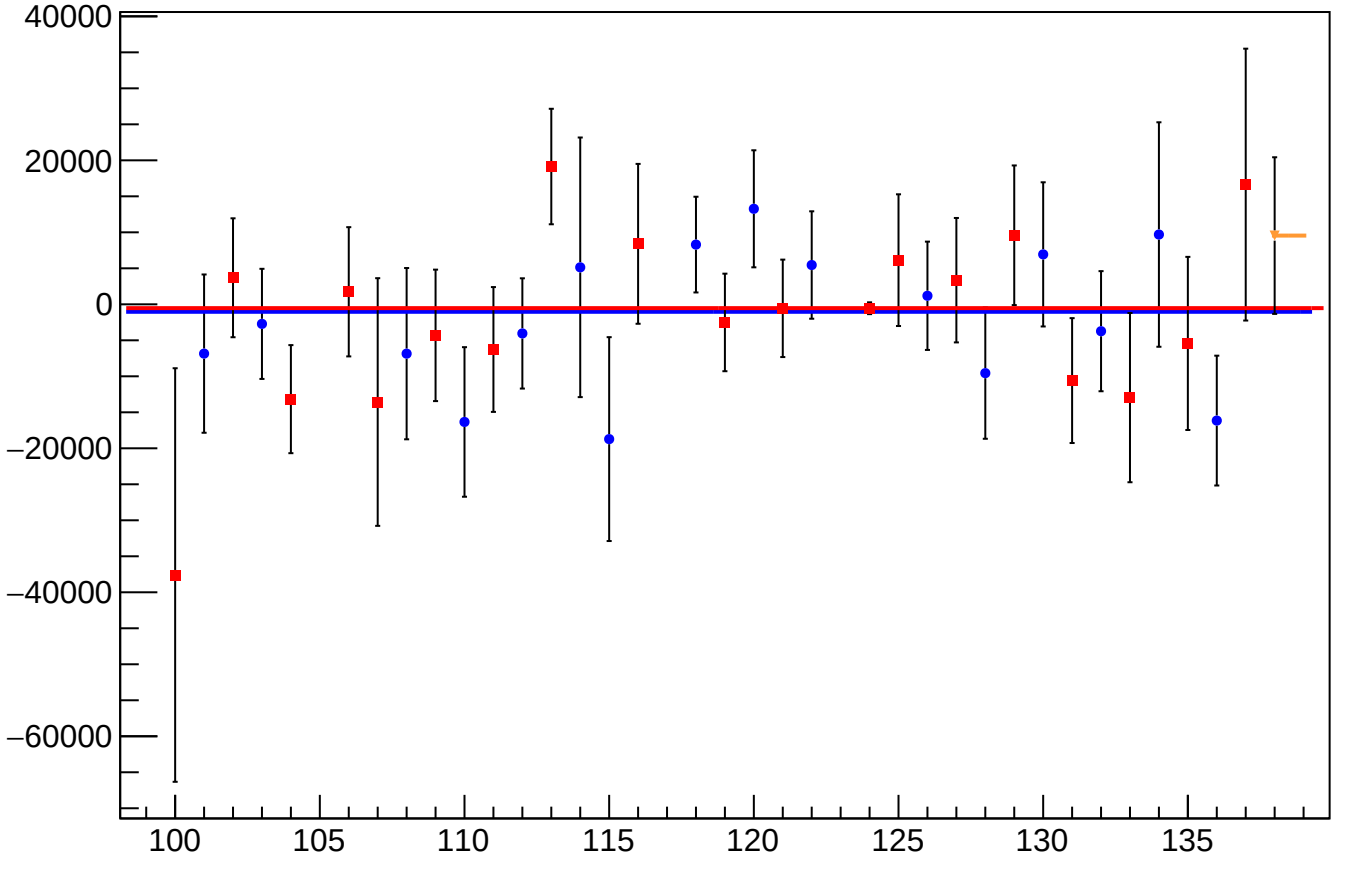
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2072.340+/-0.524 χ^2/NDF: 345908.9/16

All: 2047.466+/-0.374 χ^2/NDF: 740841.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: -1037.942+/-2276.180 χ^2/NDF: 15.4/15

Left Out: 9546.415+/-10878.705 χ^2/NDF:0.0/0

Right Out: -530.662+/-767.947 χ^2/NDF: 18.0/18

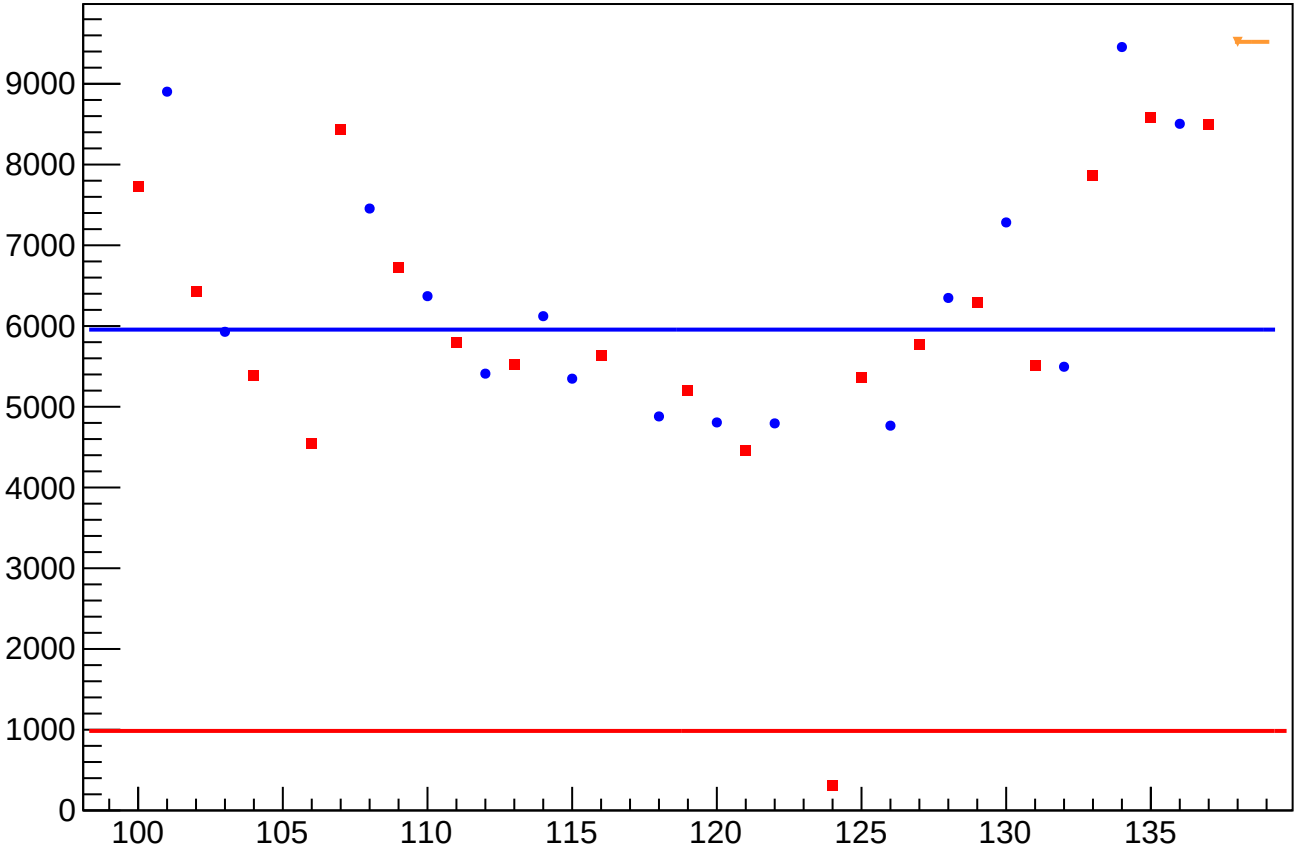
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -594.011+/-2227.935 χ^2/NDF: 16.3/16

All: -537.389+/-726.027 χ^2/NDF: 34.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 5955.638+/-1.610 χ^2/NDF: 689141.5/15

Left Out: 9519.964+/-7.692 χ^2/NDF:0.0/0

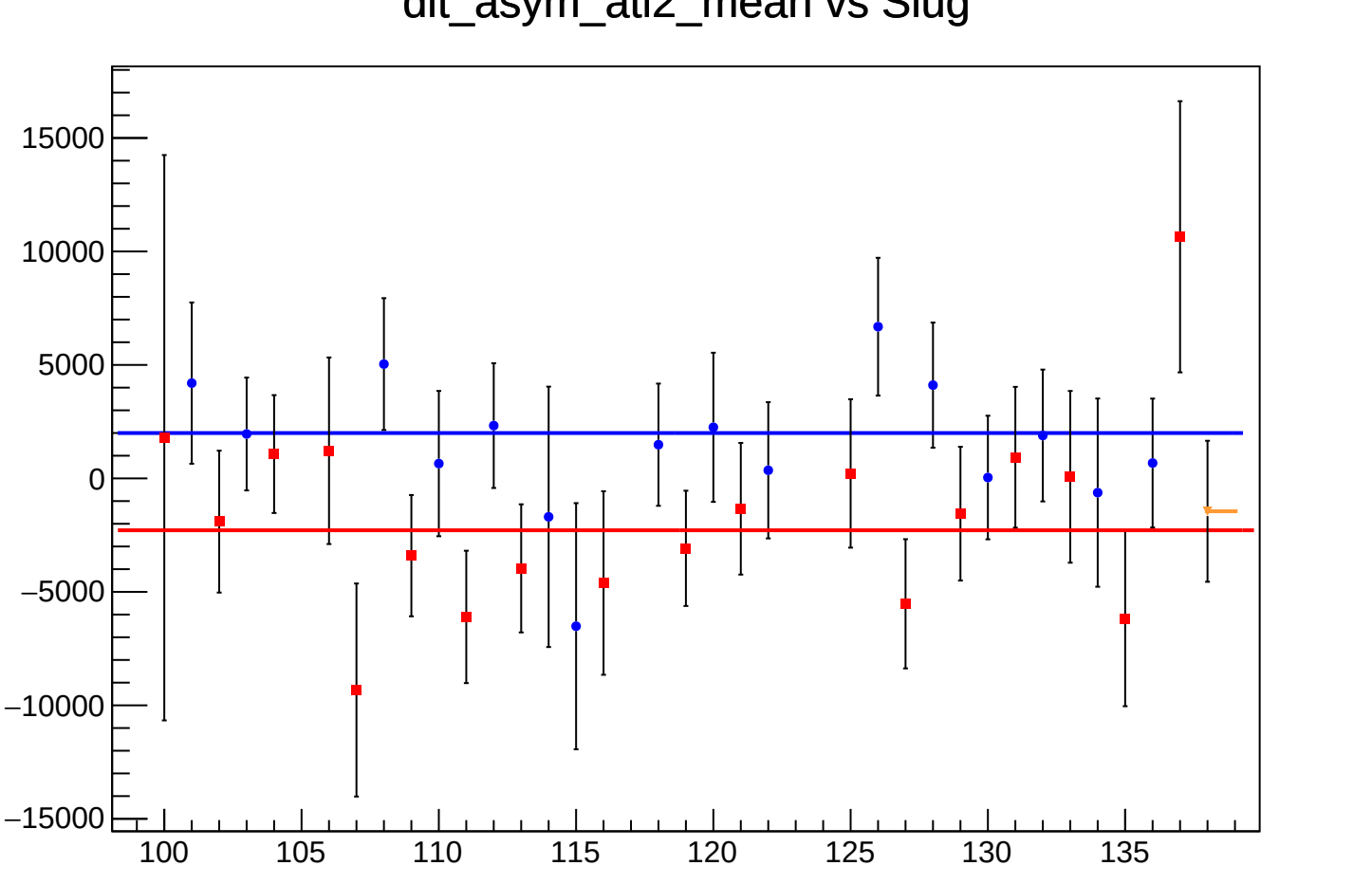
Right Out: 985.045+/-0.543 χ^2/NDF: 11412843.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6105.134+/-1.575 χ^2/NDF: 894835.7/16

All: 1528.768+/-0.513 χ^2/NDF: 21748790.5/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1999.214+/-773.538 χ^2/NDF: 9.0/15

Left Out: -1448.778+/-3106.641 χ^2/NDF:0.0/0

Right Out: -2285.899+/-771.299 χ^2/NDF: 16.7/17

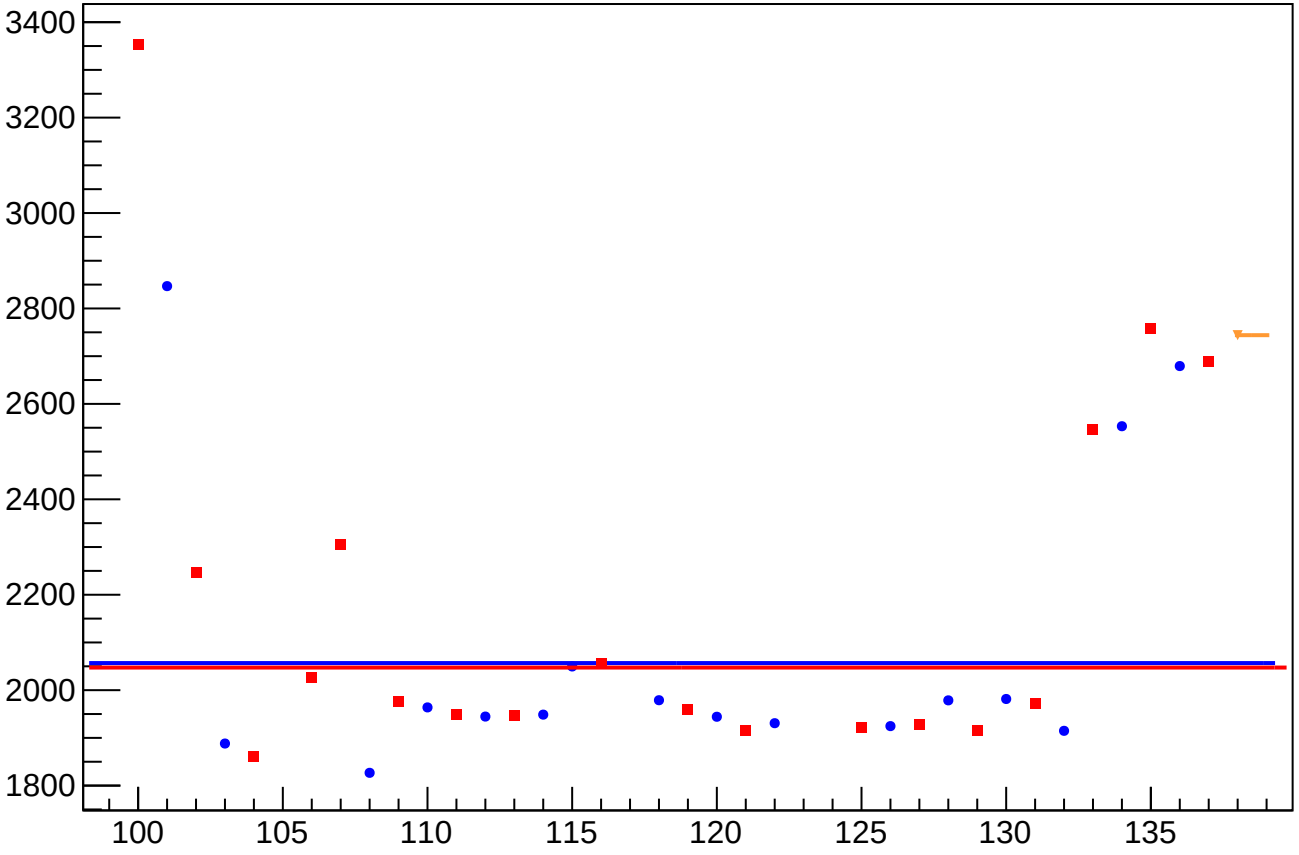
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1797.923+/-750.619 χ^2/NDF: 10.2/16

All: -188.508+/-537.930 χ^2/NDF: 41.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl2_rms vs Slug



Right In: 2056.796+/-0.547 χ^2/NDF: 270454.5/15

Left Out: 2744.016+/-2.197 χ^2/NDF:0.0/0

Right Out: 2047.400+/-0.545 χ^2/NDF: 196523.0/17

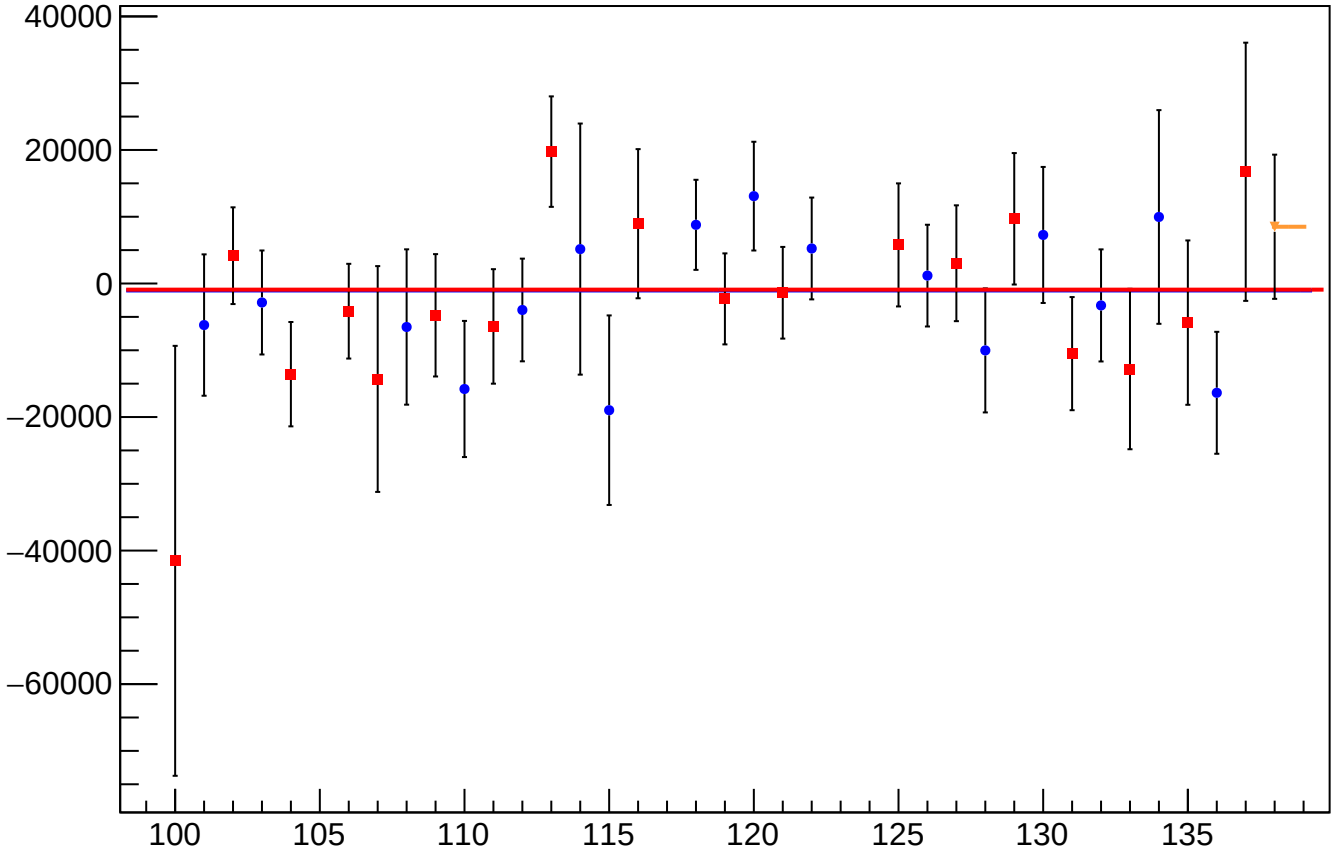
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2096.915+/-0.531 χ^2/NDF: 362608.9/16

All: 2072.793+/-0.380 χ^2/NDF: 563371.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_dit_correction_mean vs Slug



Right In: -1042.515+/-2294.607 χ^2/NDF: 15.3/15

Left Out: 8500.303+/-10798.329 χ^2/NDF:0.0/0

Right Out: -919.663+/-2150.895 χ^2/NDF: 18.4/17

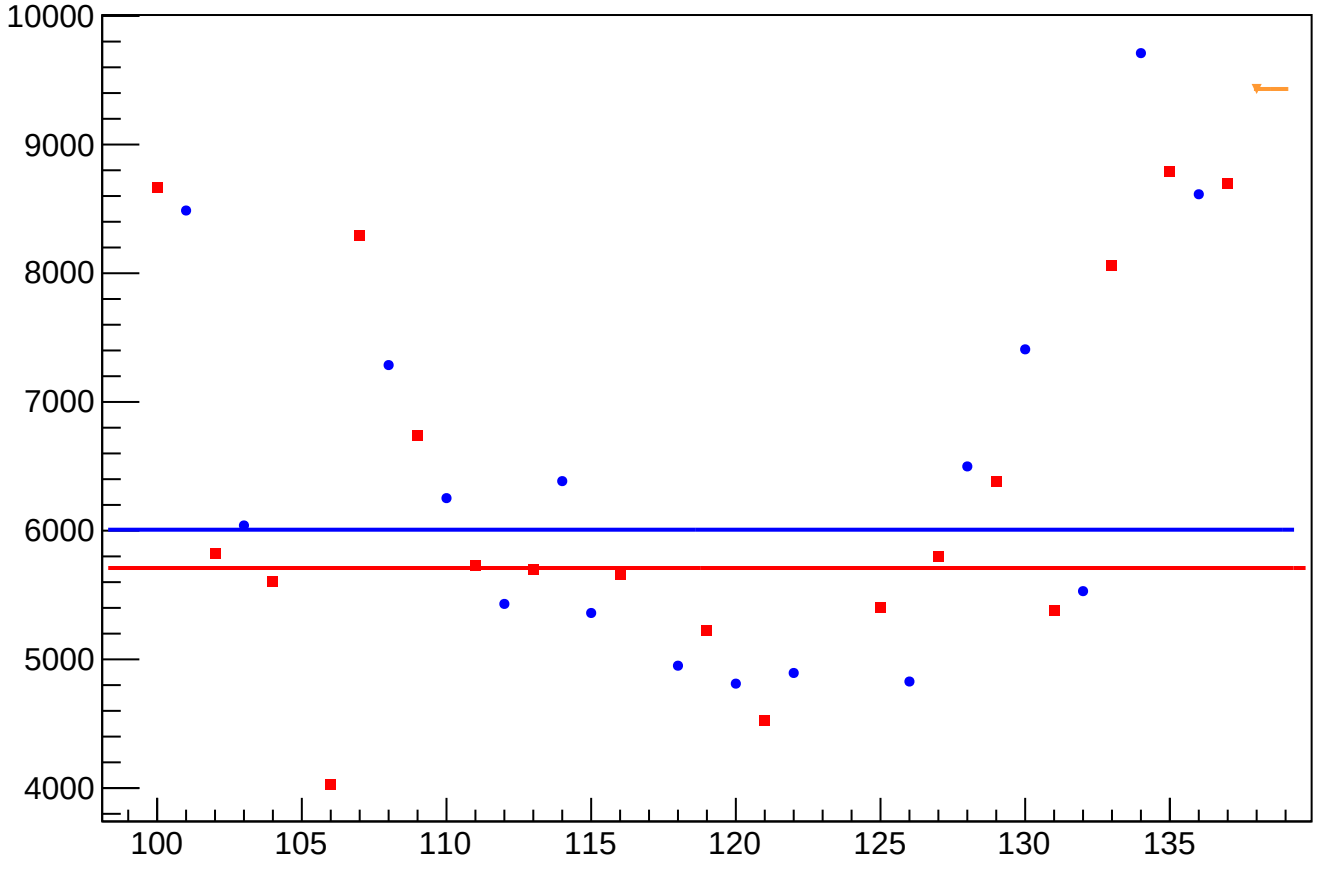
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -630.228+/-2244.492 χ^2/NDF: 16.1/16

All: -781.106+/-1552.947 χ^2/NDF: 34.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 6007.425+/-1.623 χ^2/NDF: 653996.7/15

Left Out: 9431.698+/-7.636 χ^2/NDF:0.0/0

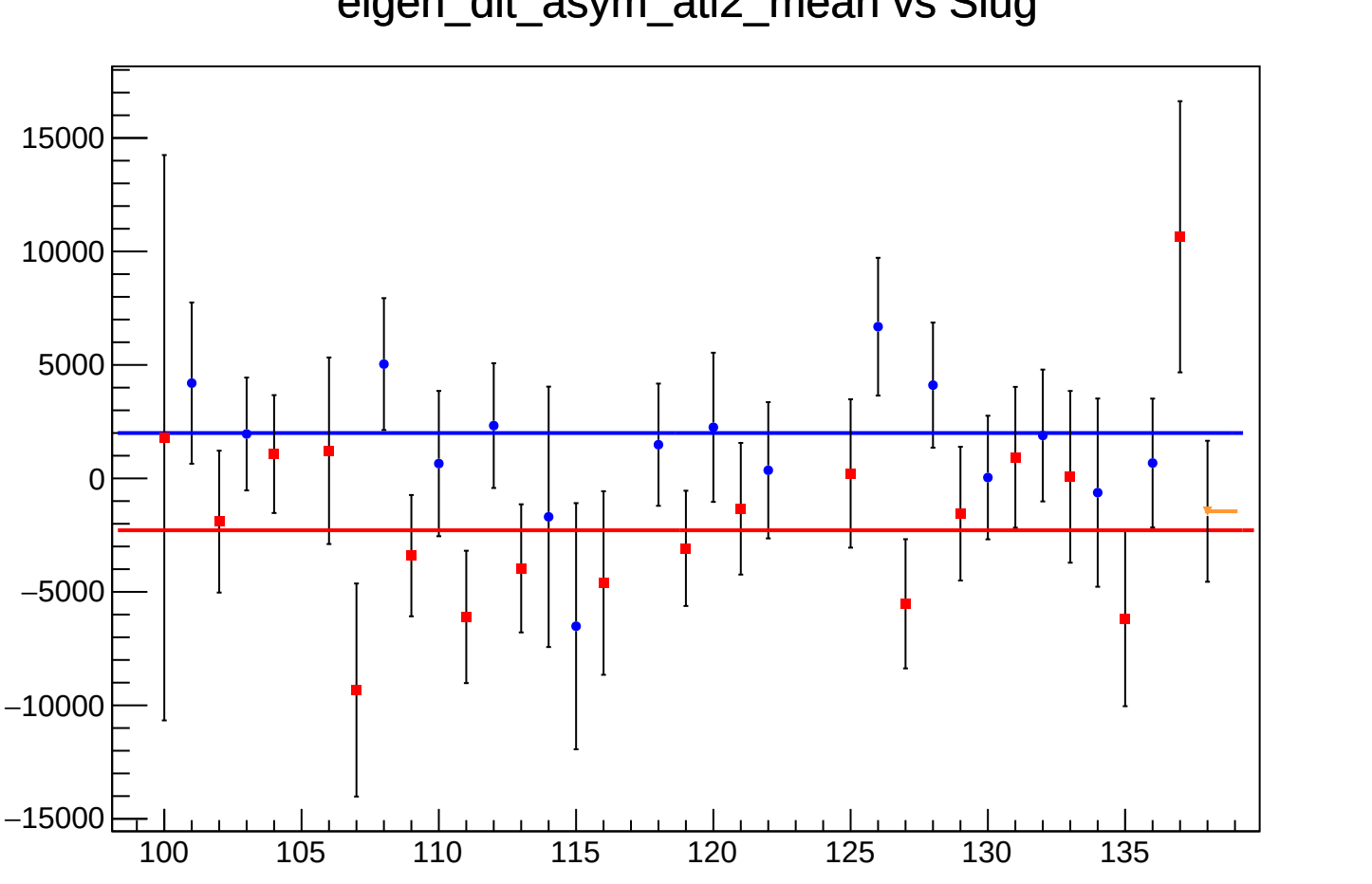
Right Out: 5709.903+/-1.521 χ^2/NDF: 535926.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6155.367+/-1.587 χ^2/NDF: 846426.8/16

All: 5923.153+/-1.098 χ^2/NDF: 1423420.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1999.218+/-773.538 χ^2/NDF: 9.0/15

Left Out: -1448.711+/-3106.641 χ^2/NDF:0.0/0

Right Out: -2285.903+/-771.299 χ^2/NDF: 16.7/17

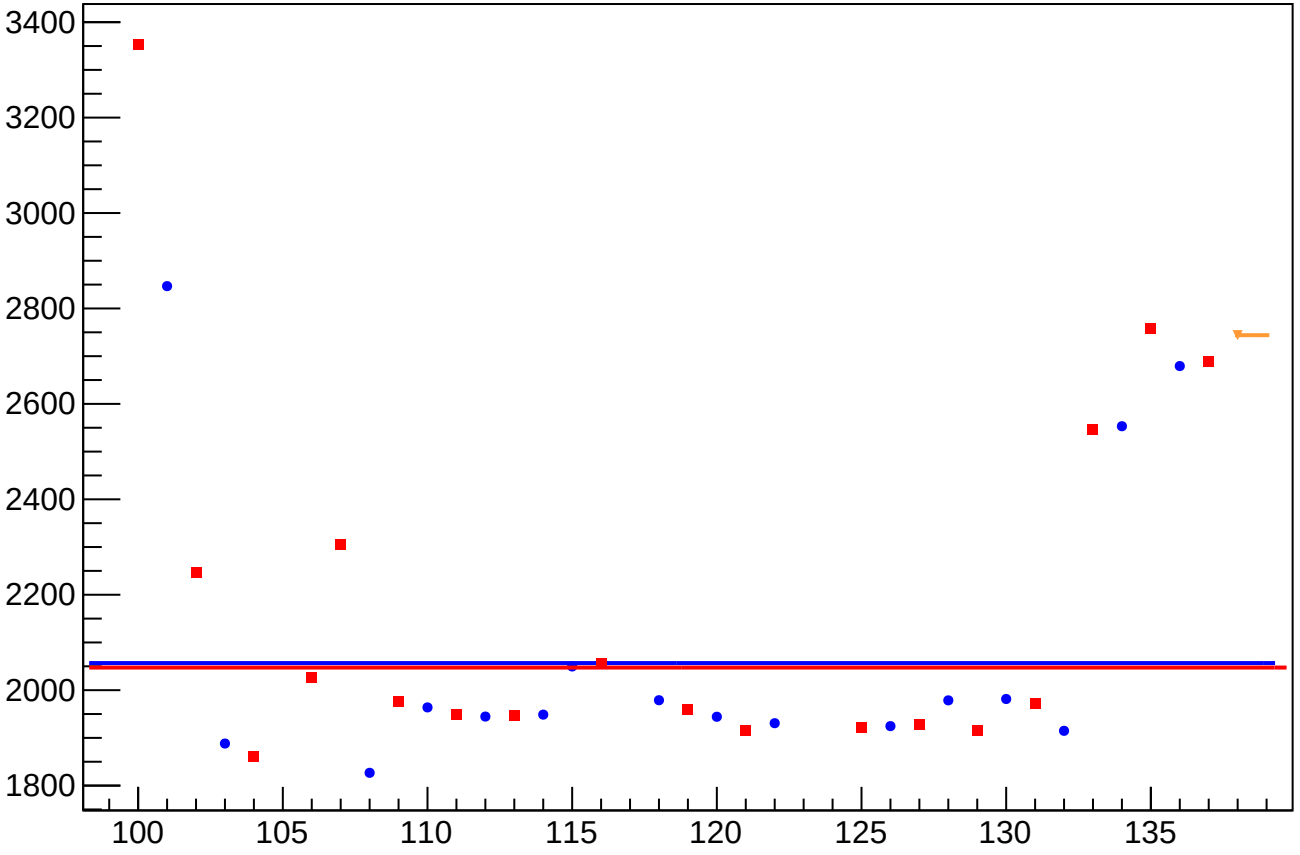
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1797.932+/-750.619 χ^2/NDF: 10.2/16

All: -188.506+/-537.930 χ^2/NDF: 41.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl2_rms vs Slug



Right In: 2056.796+/-0.547 χ^2/NDF: 270454.5/15

Left Out: 2744.016+/-2.197 χ^2/NDF:0.0/0

Right Out: 2047.400+/-0.545 χ^2/NDF: 196523.3/17

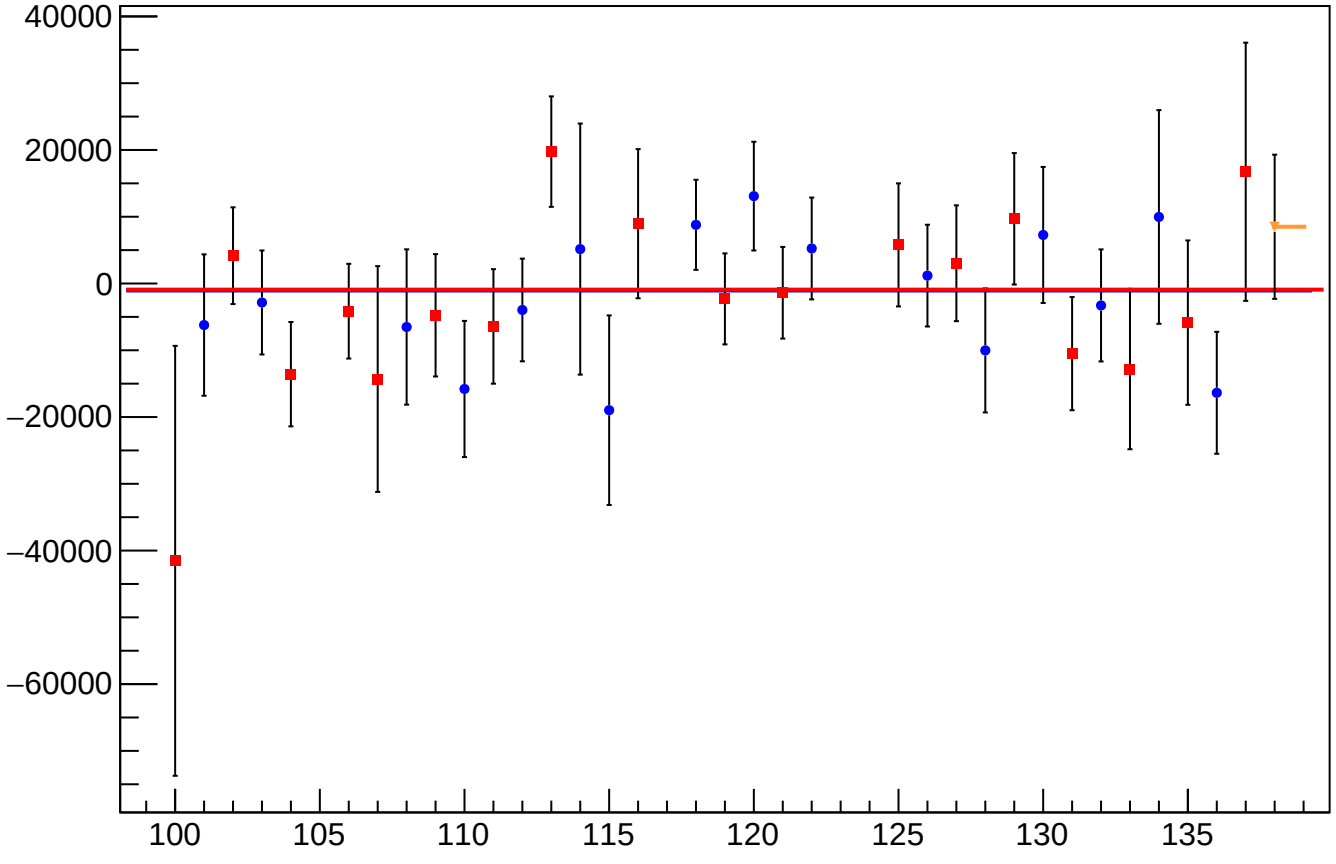
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2096.915+/-0.531 χ^2/NDF: 362608.8/16

All: 2072.793+/-0.380 χ^2/NDF: 563371.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: -1042.503+/-2294.600 χ^2/NDF: 15.3/15

Left Out: 8500.361+/-10798.369 χ^2/NDF:0.0/0

Right Out: -919.667+/-2150.889 χ^2/NDF: 18.4/17

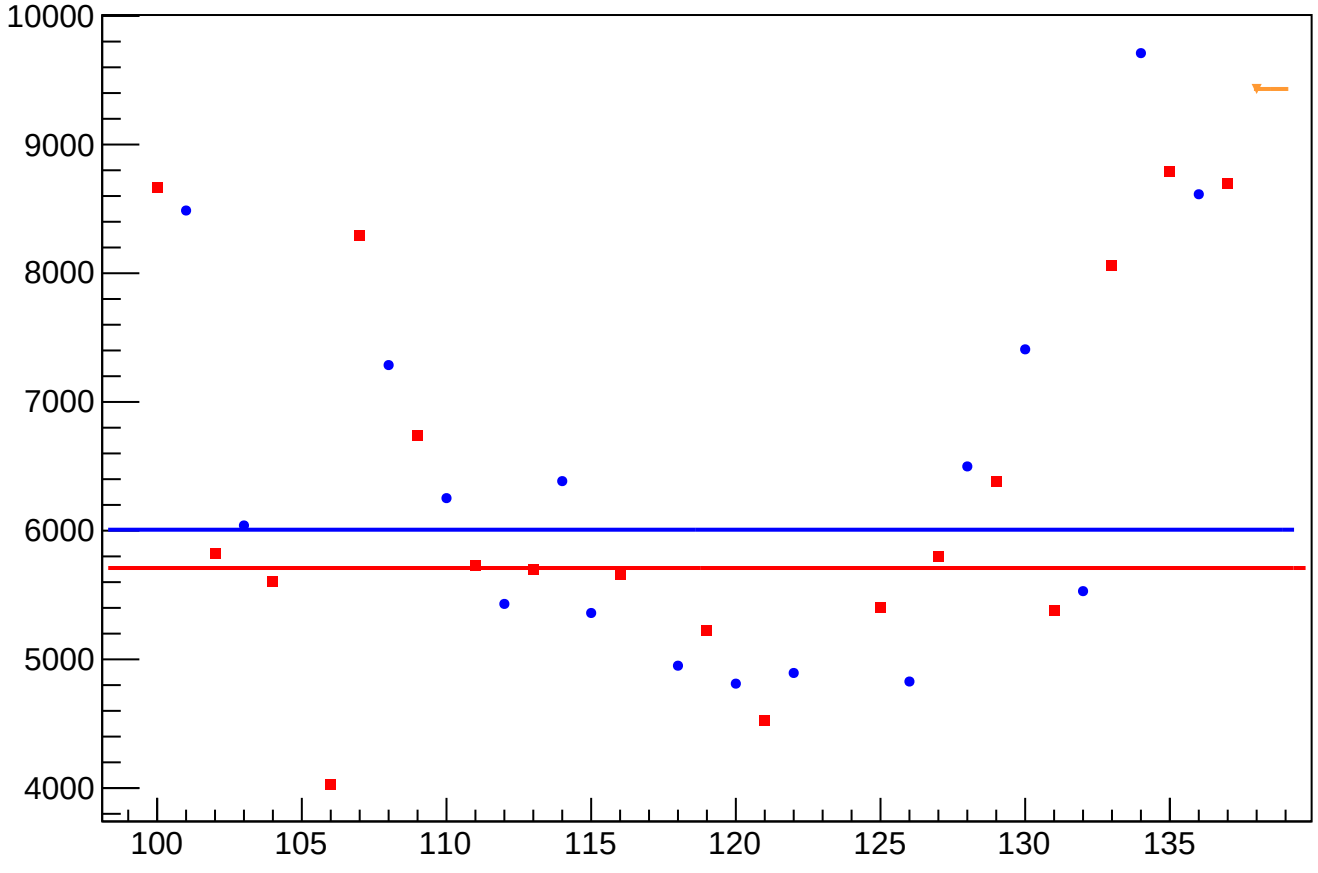
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -630.219+/-2244.485 χ^2/NDF: 16.1/16

All: -781.104+/-1552.943 χ^2/NDF: 34.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 6007.405+/-1.623 χ^2/NDF: 654004.9/15

Left Out: 9431.733+/-7.636 χ^2/NDF:0.0/0

Right Out: 5709.885+/-1.521 χ^2/NDF: 535929.9/17

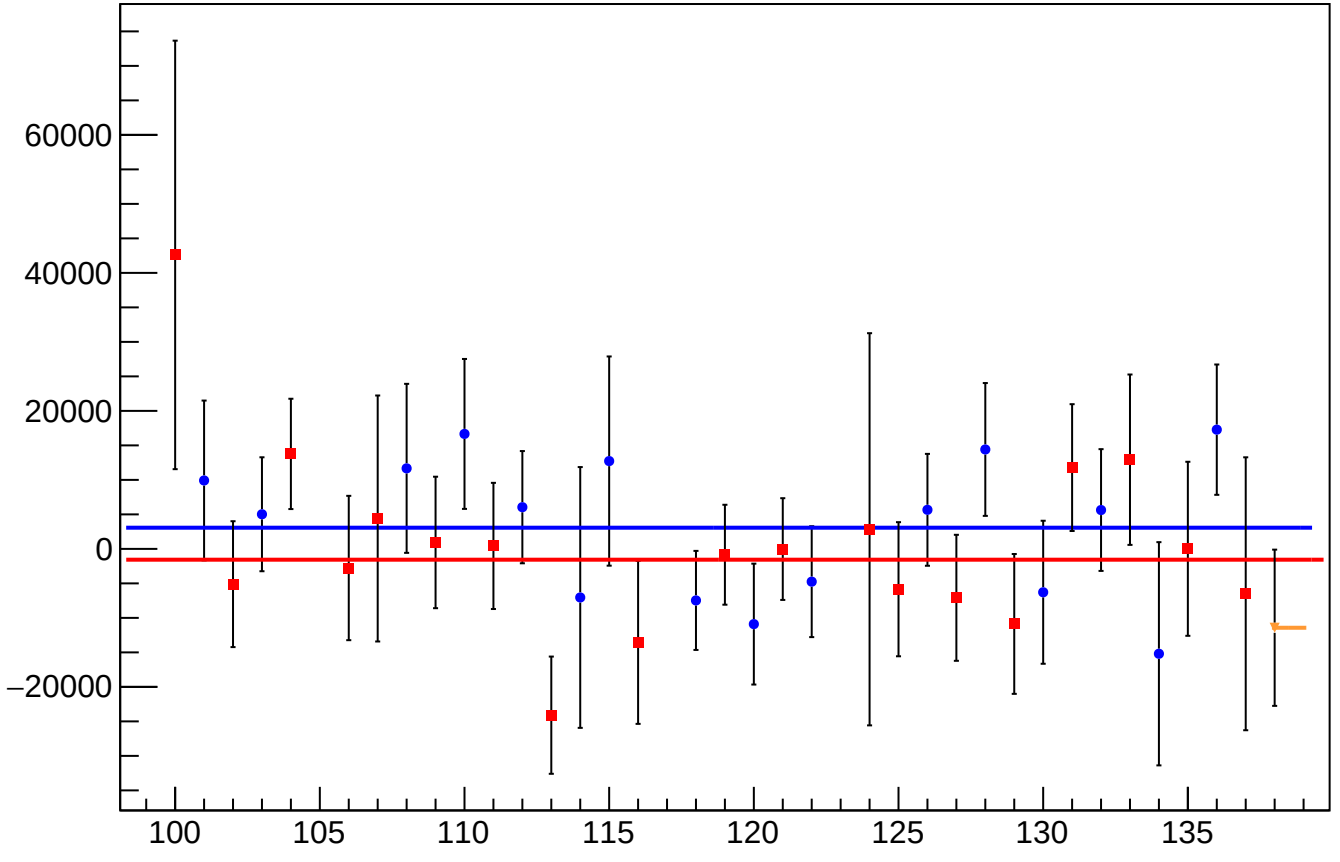
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6155.347+/-1.587 χ^2/NDF: 846439.9/16

All: 5923.135+/-1.098 χ^2/NDF: 1423436.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug



Right In: 3070.293+/-2420.721 χ^2/NDF: 14.9/15

Left Out: -11431.131+/-11321.352 χ^2/NDF:0.0/0

Right Out: -1567.088+/-2335.884 χ^2/NDF: 19.2/18

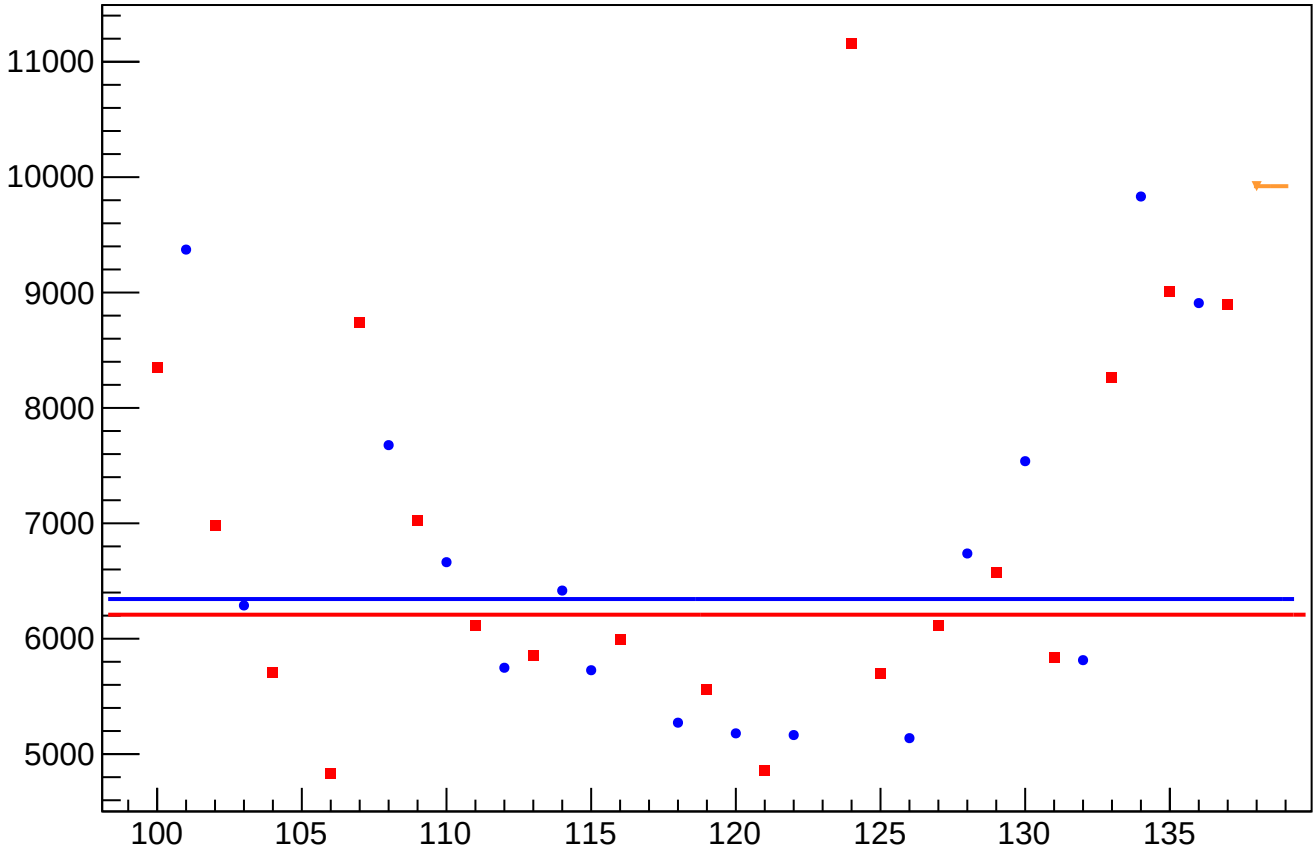
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2436.294+/-2367.213 χ^2/NDF: 16.4/16

All: 407.936+/-1662.685 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_rms vs Slug



Right In: 6343.796+/-1.712 χ^2/NDF: 621240.2/15

Left Out: 9921.753+/-8.005 χ^2/NDF:0.0/0

Right Out: 6208.099+/-1.652 χ^2/NDF: 471840.9/18

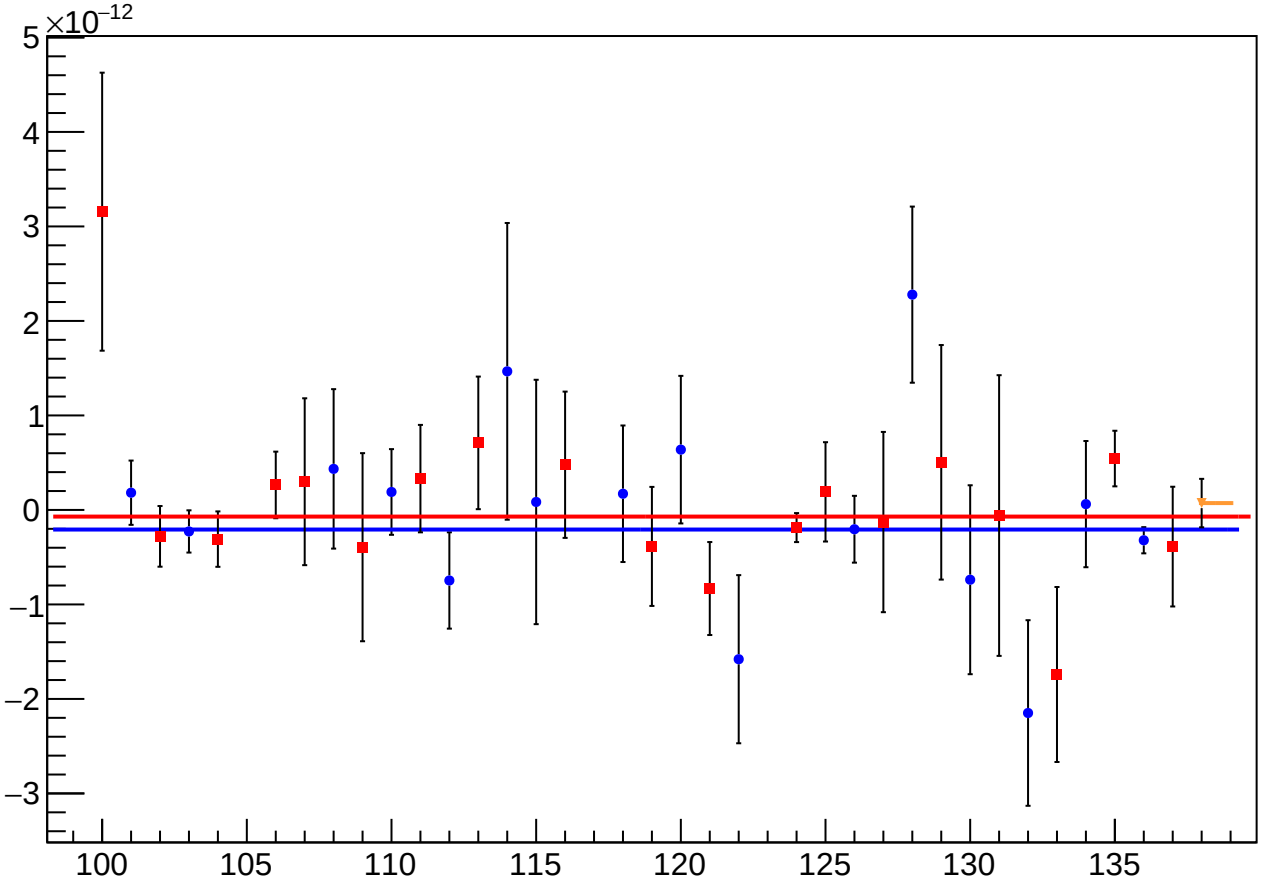
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6500.223+/-1.674 χ^2/NDF: 812264.6/16

All: 6352.215+/-1.176 χ^2/NDF: 1299537.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

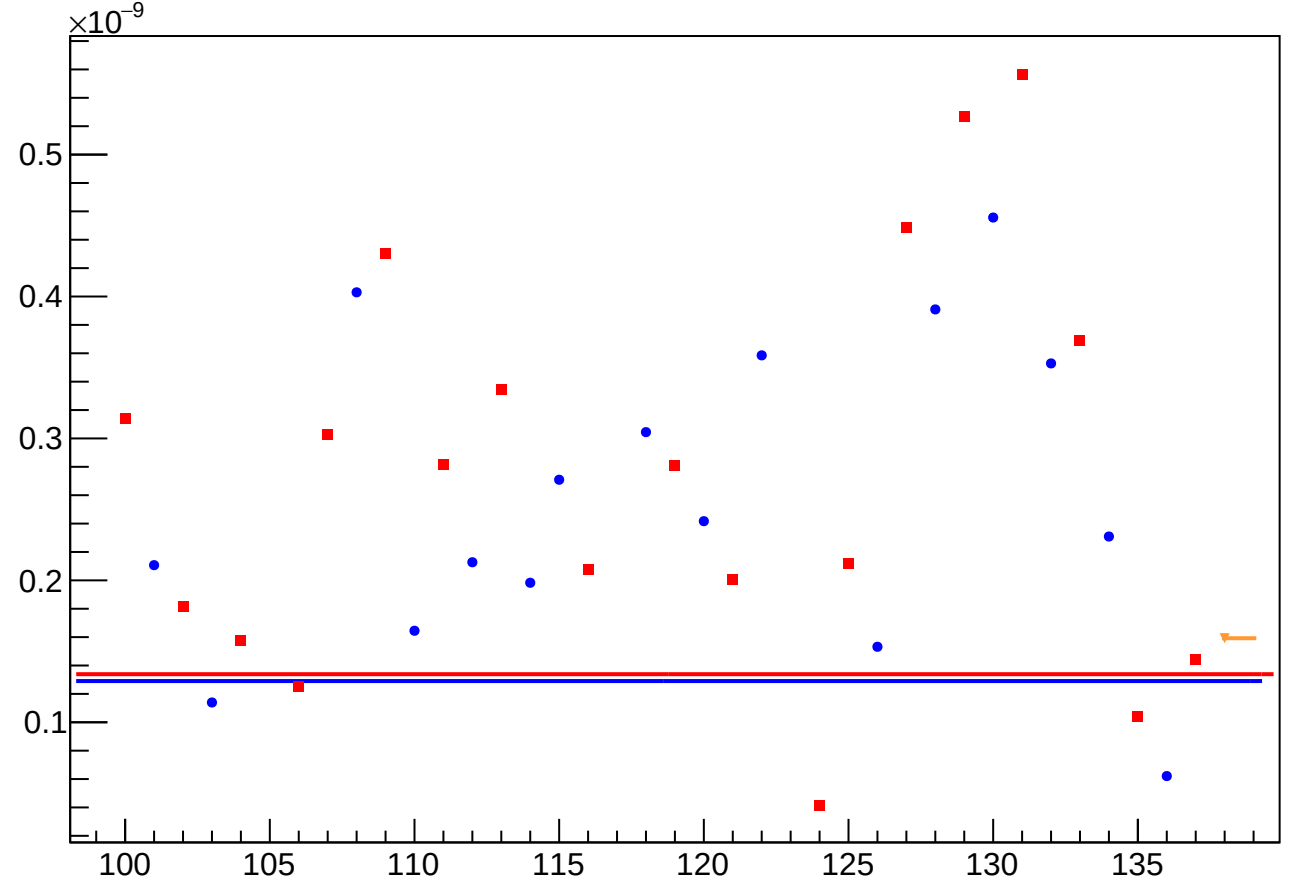
Right Out: -0.000+/-0.000 χ^2/NDF: 20.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.0/16

All: -0.000+/-0.000 χ^2/NDF: 43.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1720321.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2304489.5/18

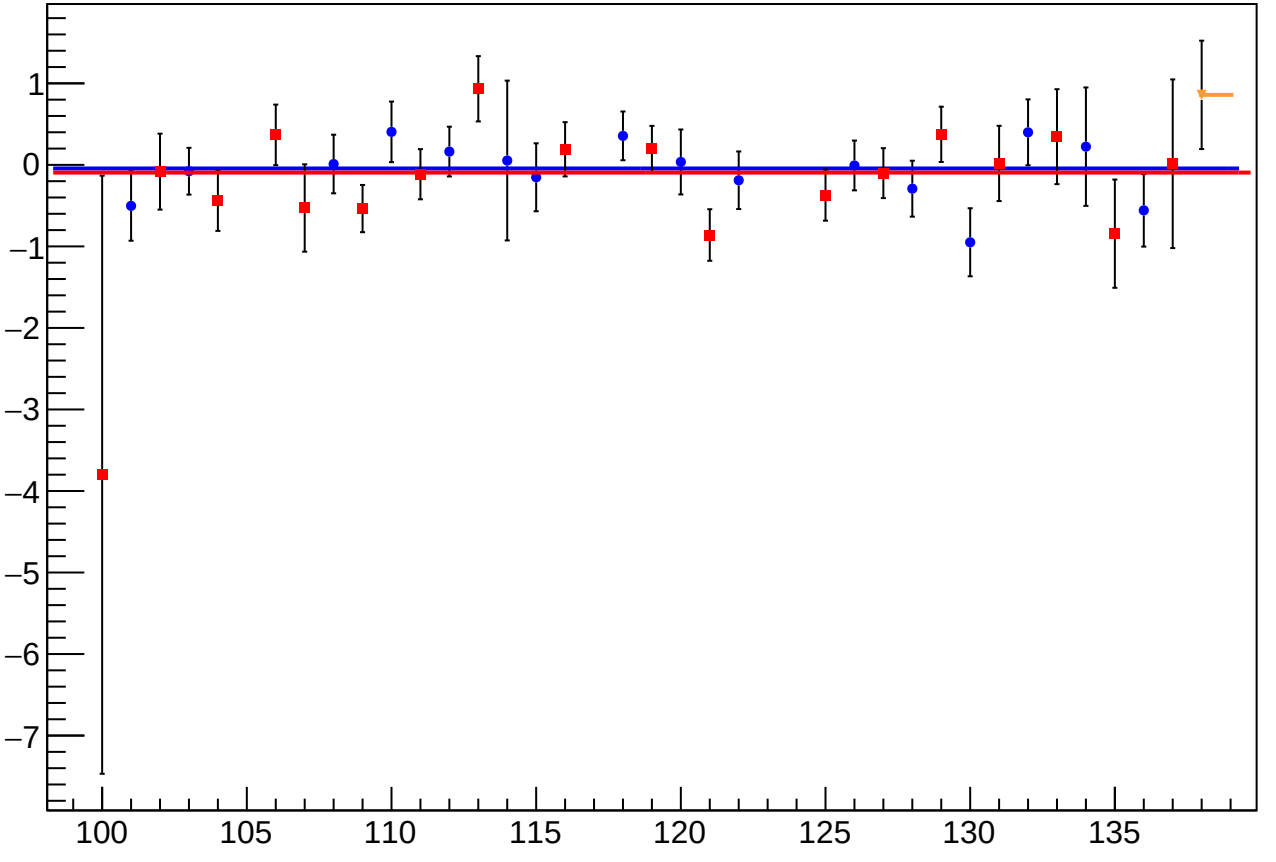
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1744678.1/16

All: 0.000+/-0.000 χ^2/NDF: 4049329.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: -0.044+/-0.094 χ^2/NDF: 13.1/15

Left Out: 0.859+/-0.665 χ^2/NDF:0.0/0

Right Out: -0.094+/-0.090 χ^2/NDF: 25.3/17

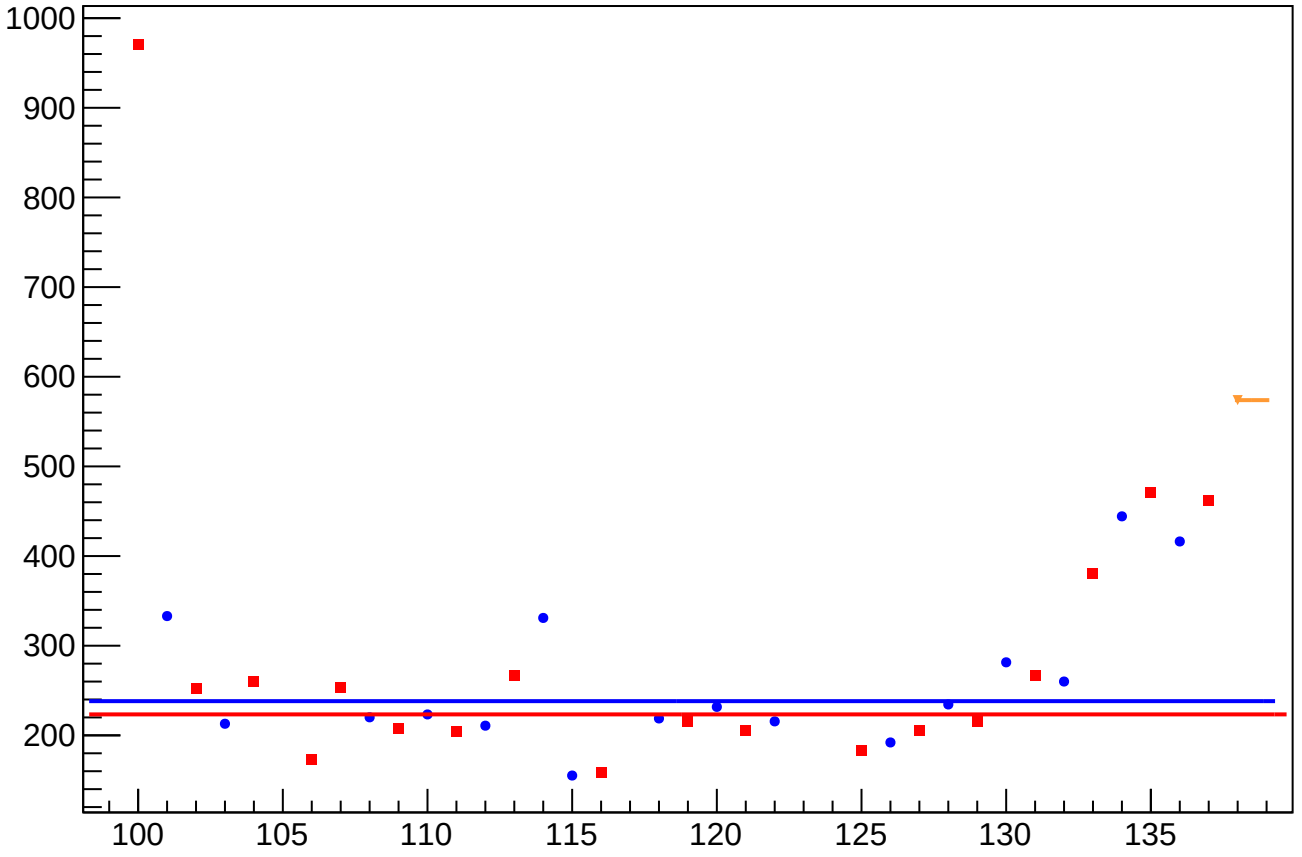
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.026+/-0.093 χ^2/NDF: 14.9/16

All: -0.061+/-0.065 χ^2/NDF: 40.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 238.165+/-0.066 χ^2/NDF: 807205.2/15

Left Out: 573.925+/-0.470 χ^2/NDF:0.0/0

Right Out: 223.388+/-0.064 χ^2/NDF: 862425.5/17

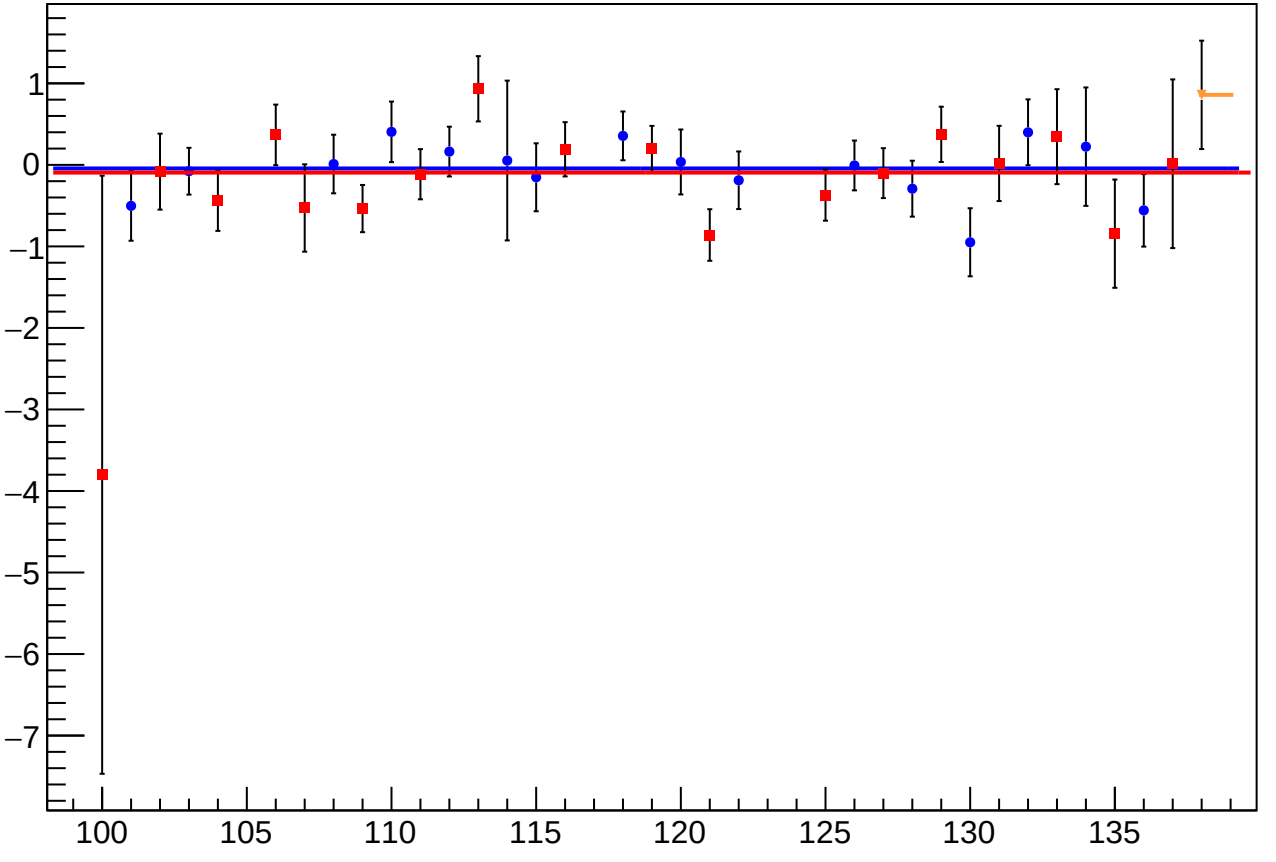
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 244.720+/-0.066 χ^2/NDF: 1307548.7/16

All: 233.723+/-0.046 χ^2/NDF: 2224367.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.044+/-0.094 χ^2/NDF: 13.1/15

Left Out: 0.859+/-0.665 χ^2/NDF:0.0/0

Right Out: -0.094+/-0.090 χ^2/NDF: 25.3/17

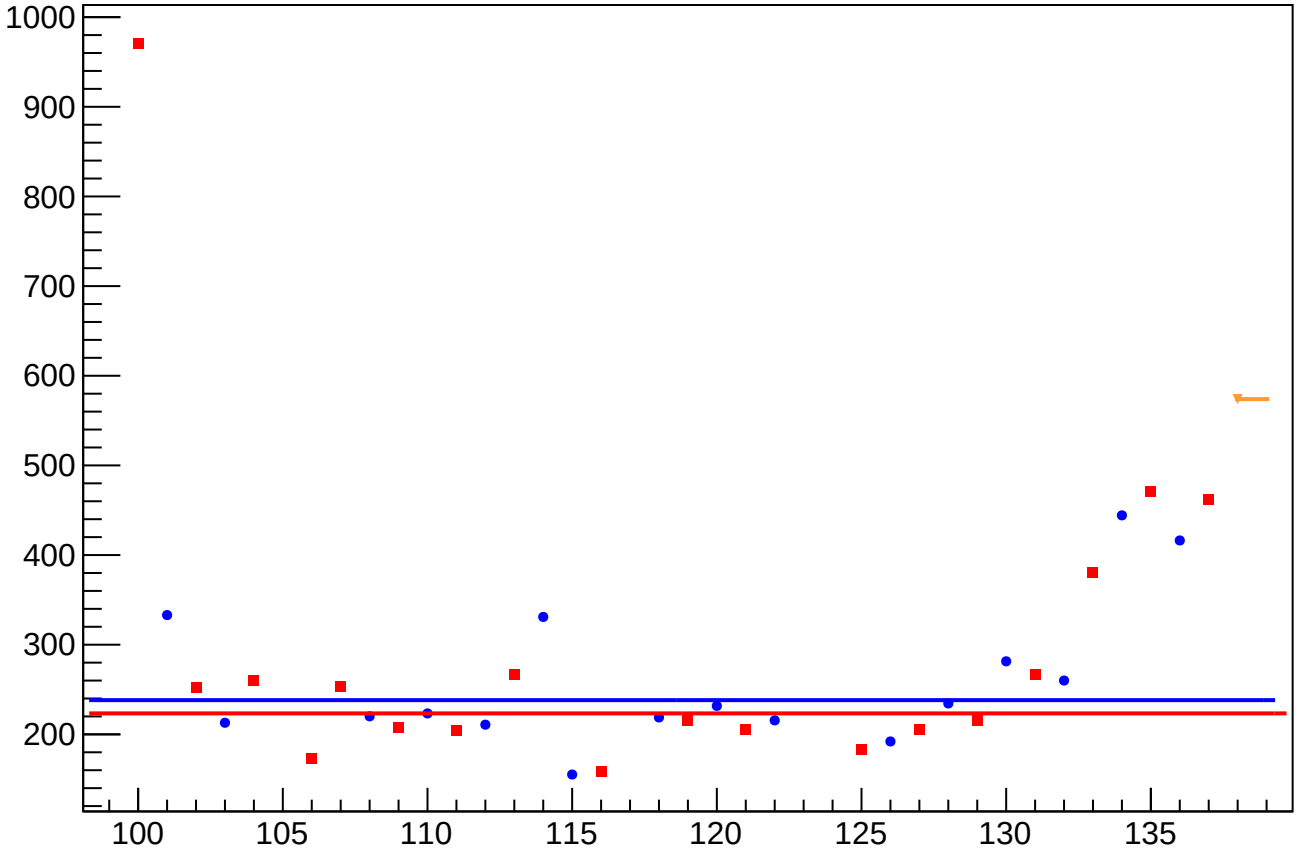
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.026+/-0.093 χ^2/NDF: 14.9/16

All: -0.061+/-0.065 χ^2/NDF: 40.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 238.165+/-0.066 χ^2/NDF: 807205.2/15

Left Out: 573.925+/-0.470 χ^2/NDF:0.0/0

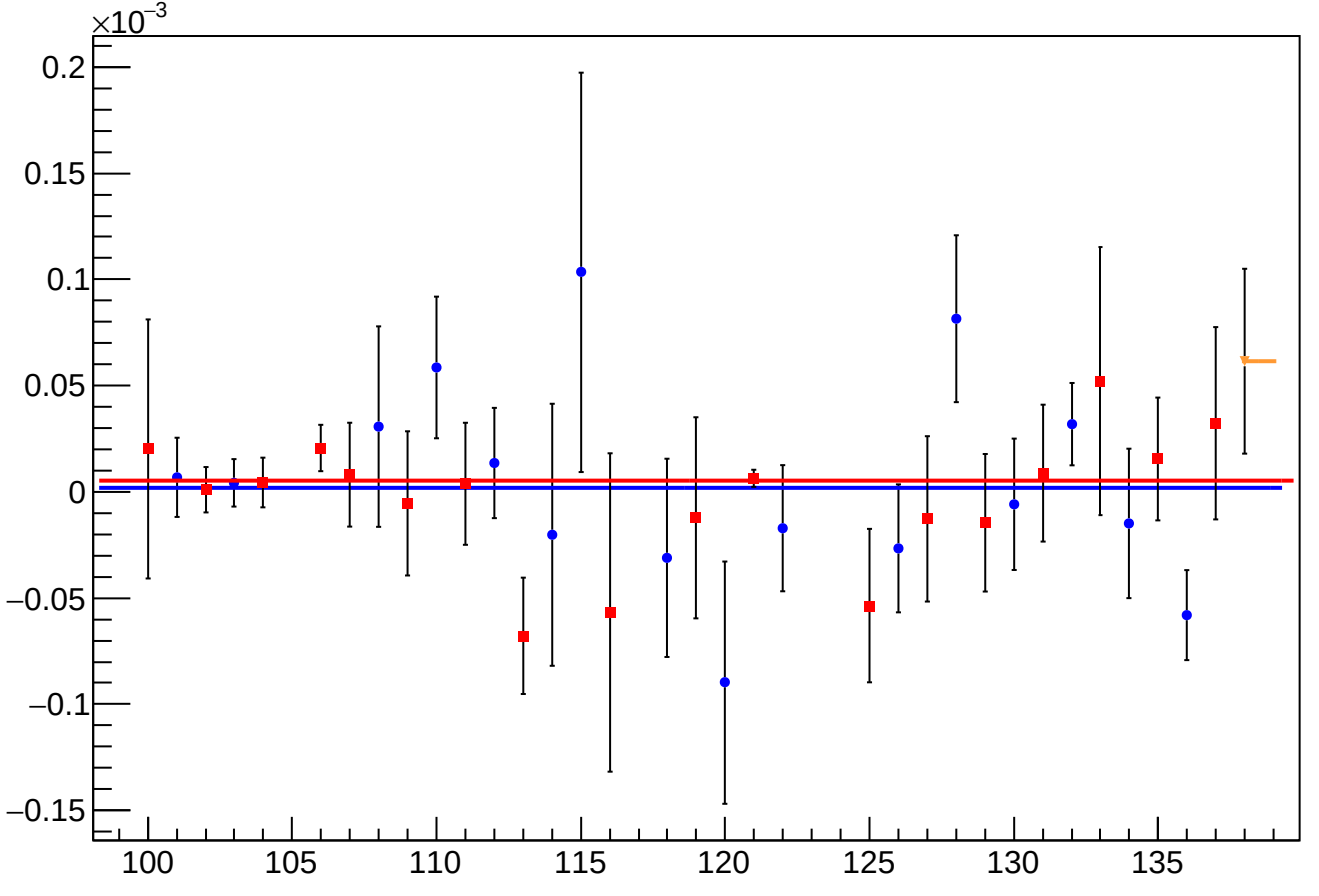
Right Out: 223.388+/-0.064 χ^2/NDF: 862425.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 244.720+/-0.066 χ^2/NDF: 1307548.7/16

All: 233.723+/-0.046 χ^2/NDF: 2224367.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 24.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 14.5/17

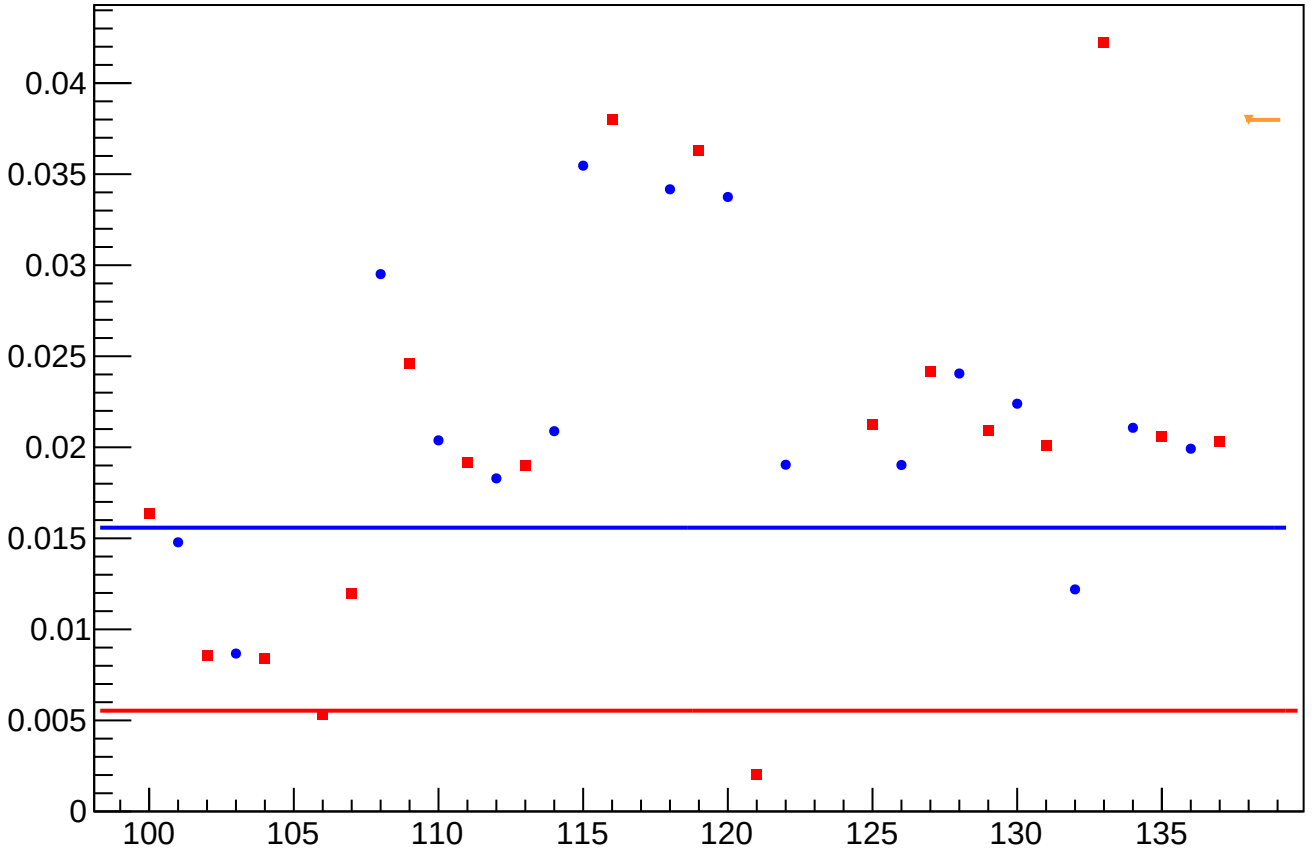
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 25.9/16

All: 0.000+/-0.000 χ^2/NDF: 40.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF: 2074656.7/15

Left Out: 0.038+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF: 7954965.8/17

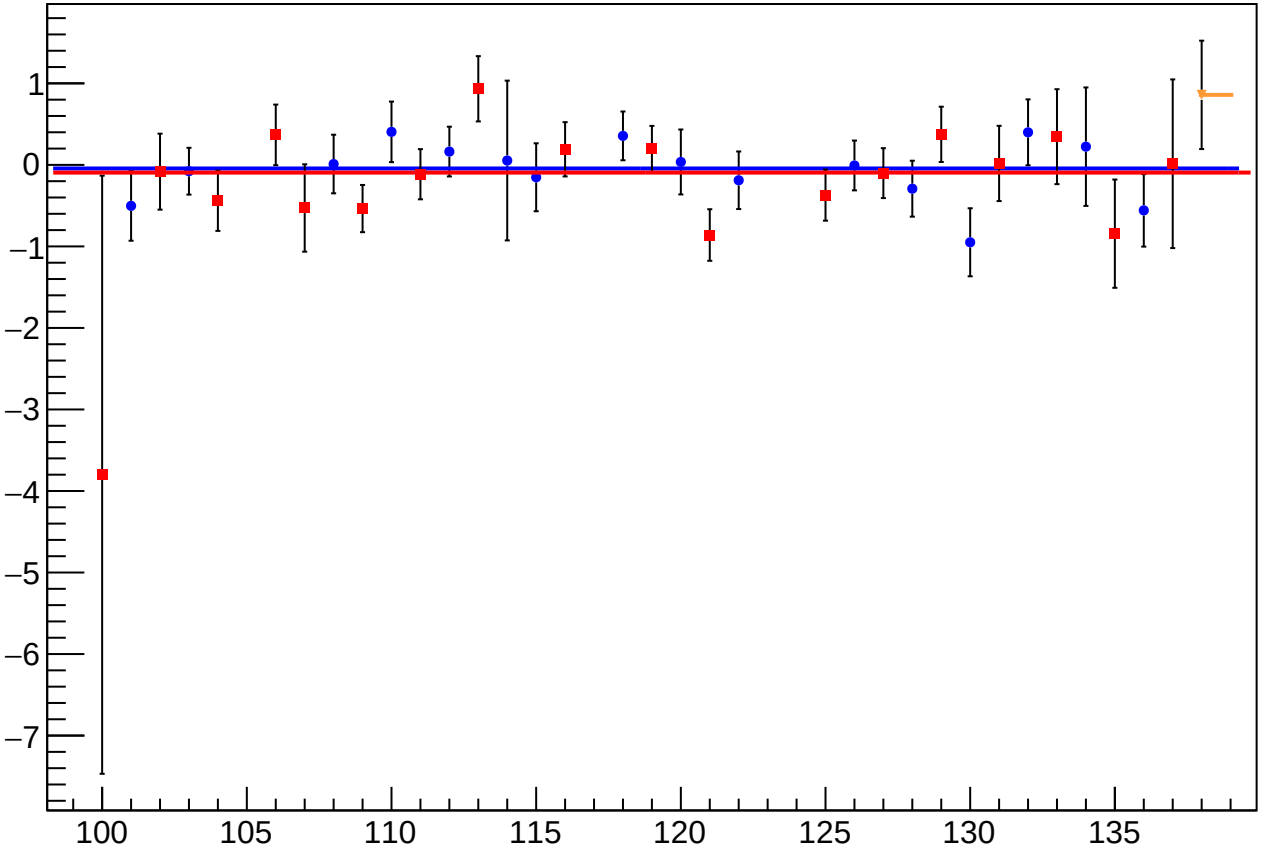
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.016+/-0.000 χ^2/NDF: 2595657.6/16

All: 0.008+/-0.000 χ^2/NDF: 14977675.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.044+/-0.094 χ^2/NDF: 13.1/15

Left Out: 0.859+/-0.665 χ^2/NDF:0.0/0

Right Out: -0.094+/-0.090 χ^2/NDF: 25.3/17

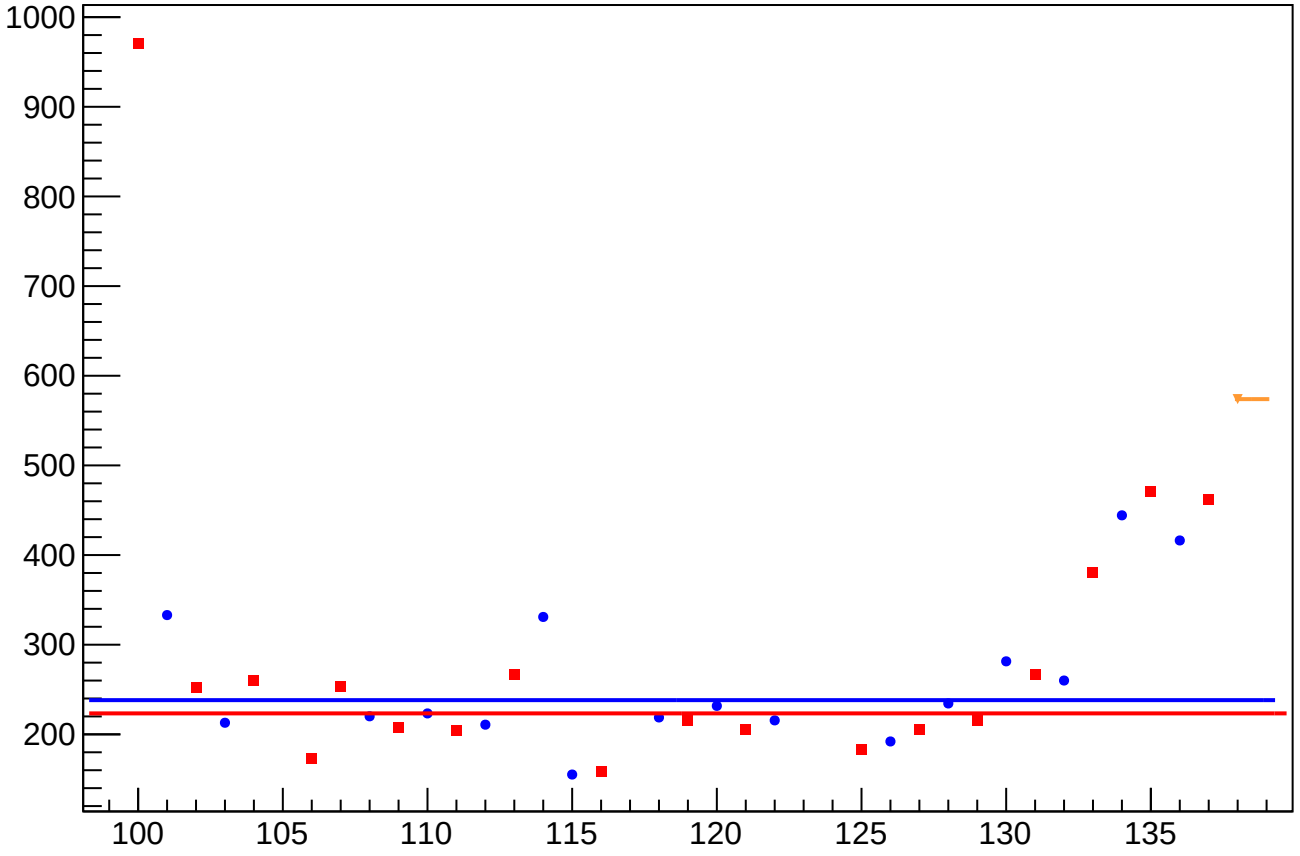
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.026+/-0.093 χ^2/NDF: 14.9/16

All: -0.061+/-0.065 χ^2/NDF: 40.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 238.165+/-0.066 χ^2/NDF: 807170.1/15

Left Out: 573.928+/-0.470 χ^2/NDF:0.0/0

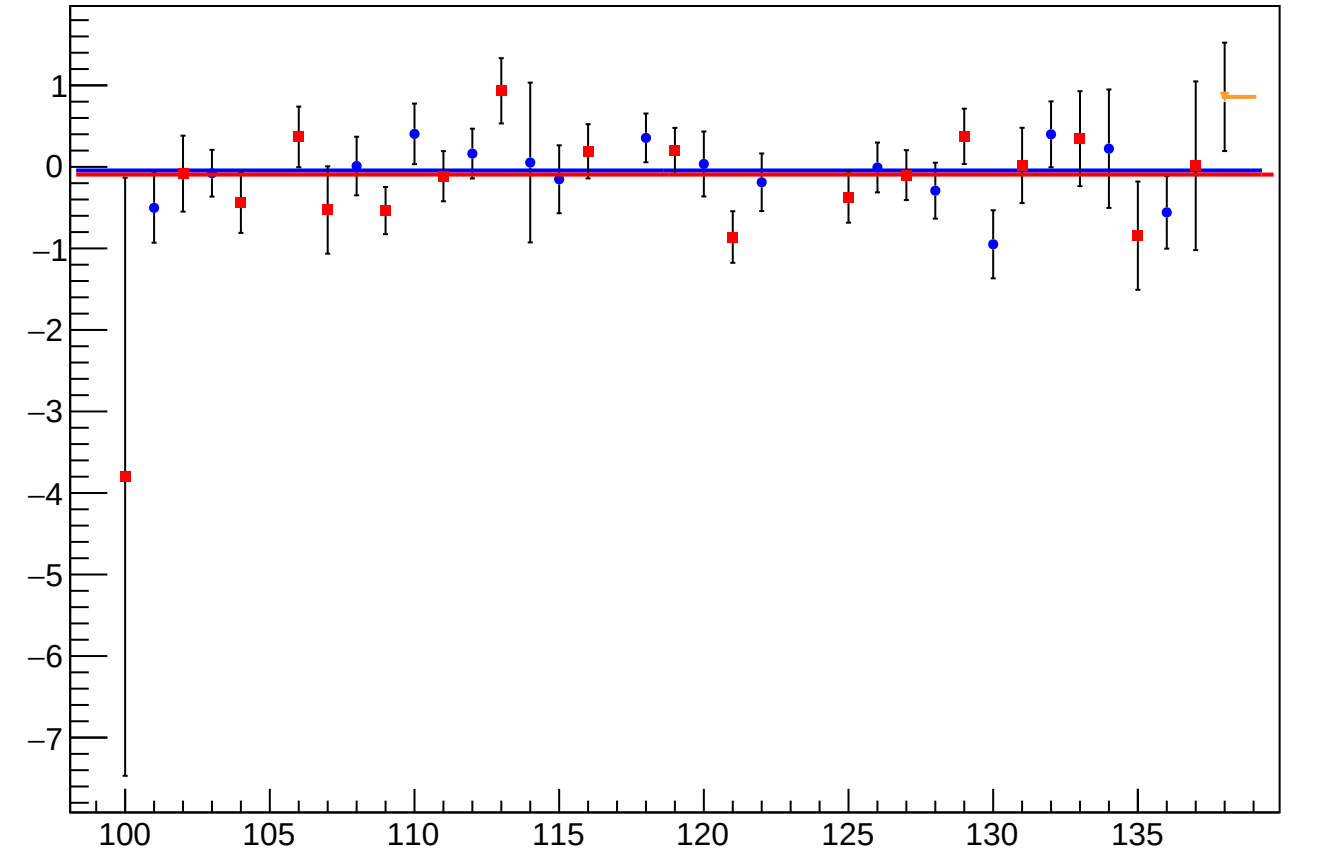
Right Out: 223.390+/-0.064 χ^2/NDF: 862366.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 244.721+/-0.066 χ^2/NDF: 1307518.3/16

All: 233.724+/-0.046 χ^2/NDF: 2224272.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.044+/-0.094 χ^2/NDF: 13.1/15

Left Out: 0.859+/-0.665 χ^2/NDF:0.0/0

Right Out: -0.094+/-0.090 χ^2/NDF: 25.3/17

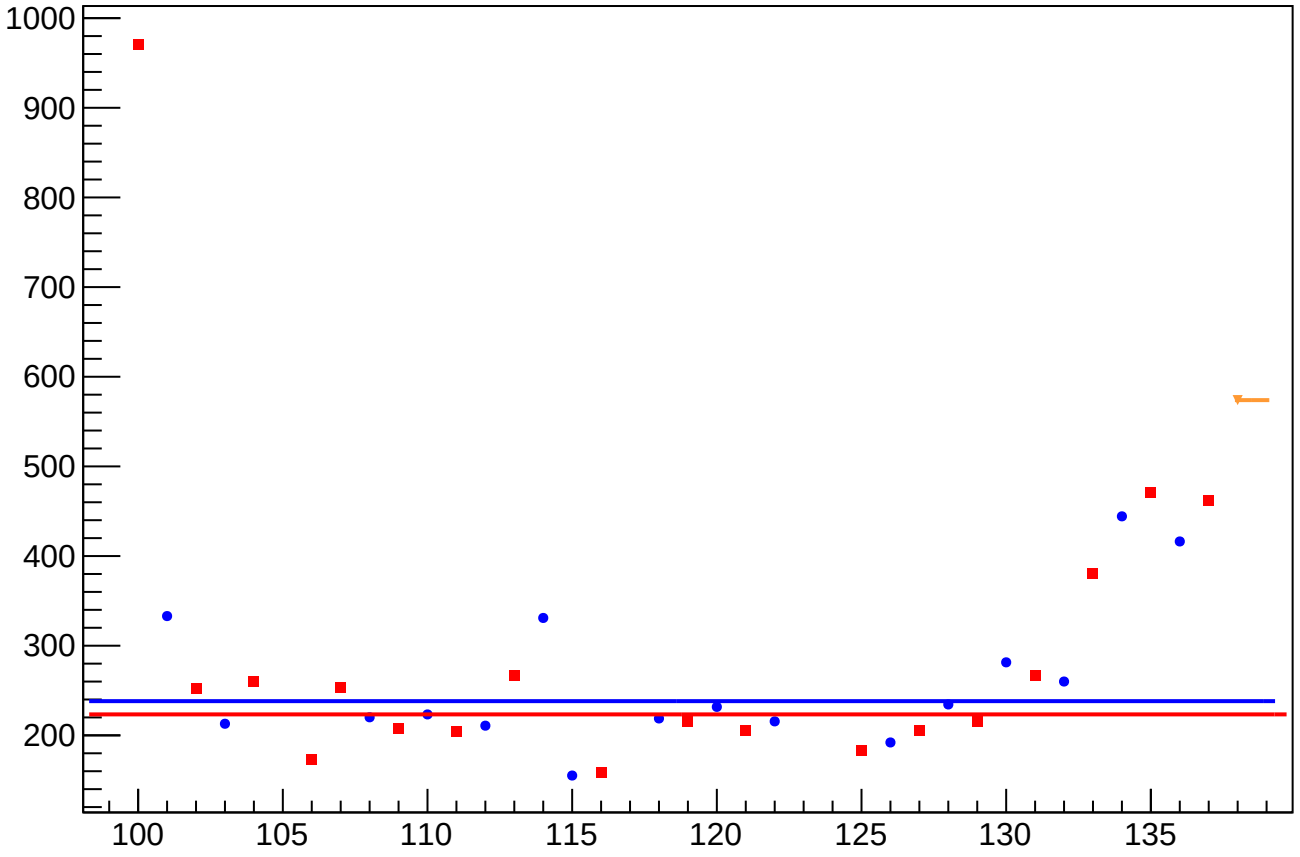
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.026+/-0.093 χ^2/NDF: 14.9/16

All: -0.061+/-0.065 χ^2/NDF: 40.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 238.165+/-0.066 χ^2/NDF: 807170.1/15

Left Out: 573.928+/-0.470 χ^2/NDF:0.0/0

Right Out: 223.390+/-0.064 χ^2/NDF: 862366.3/17

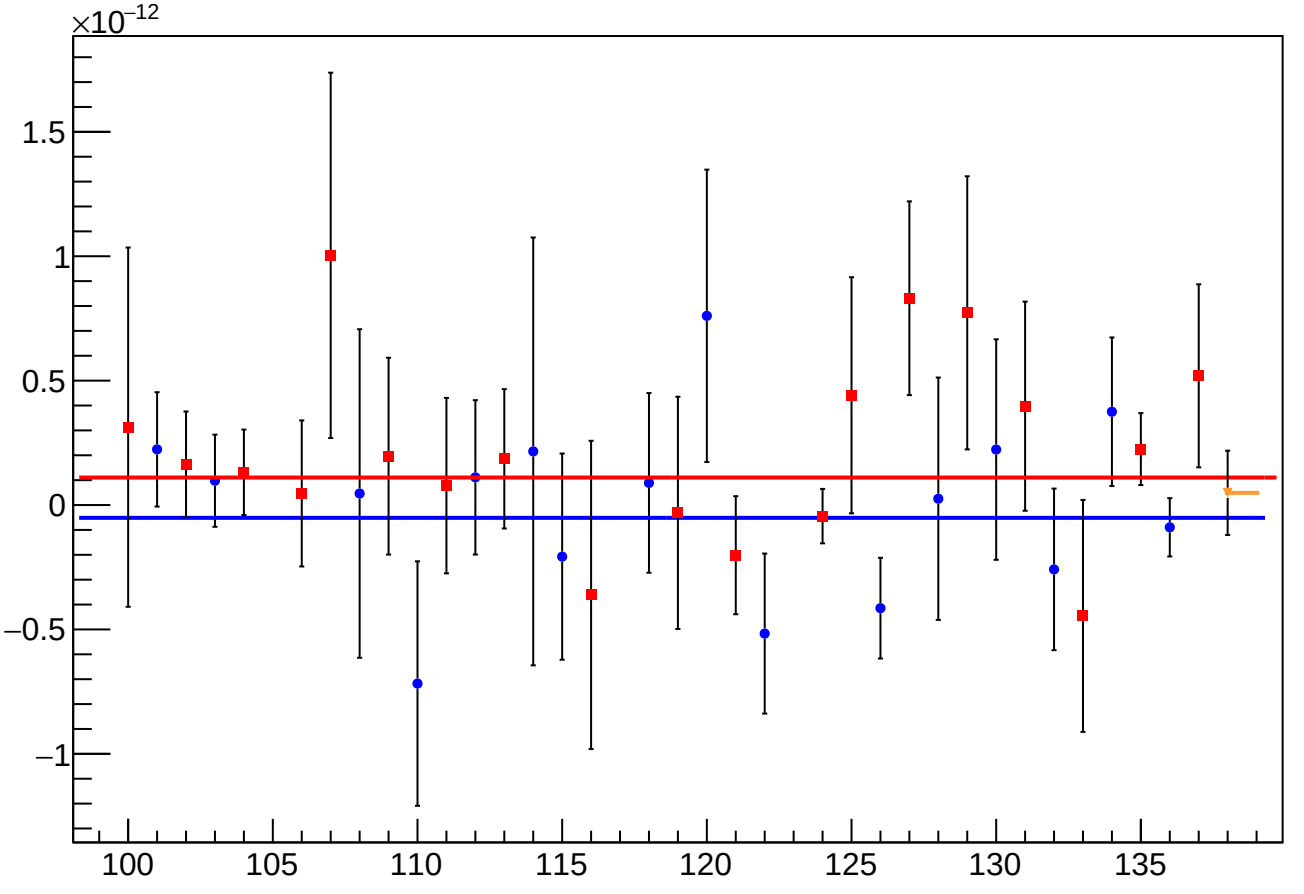
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 244.721+/-0.066 χ^2/NDF: 1307518.3/16

All: 233.724+/-0.046 χ^2/NDF: 2224272.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

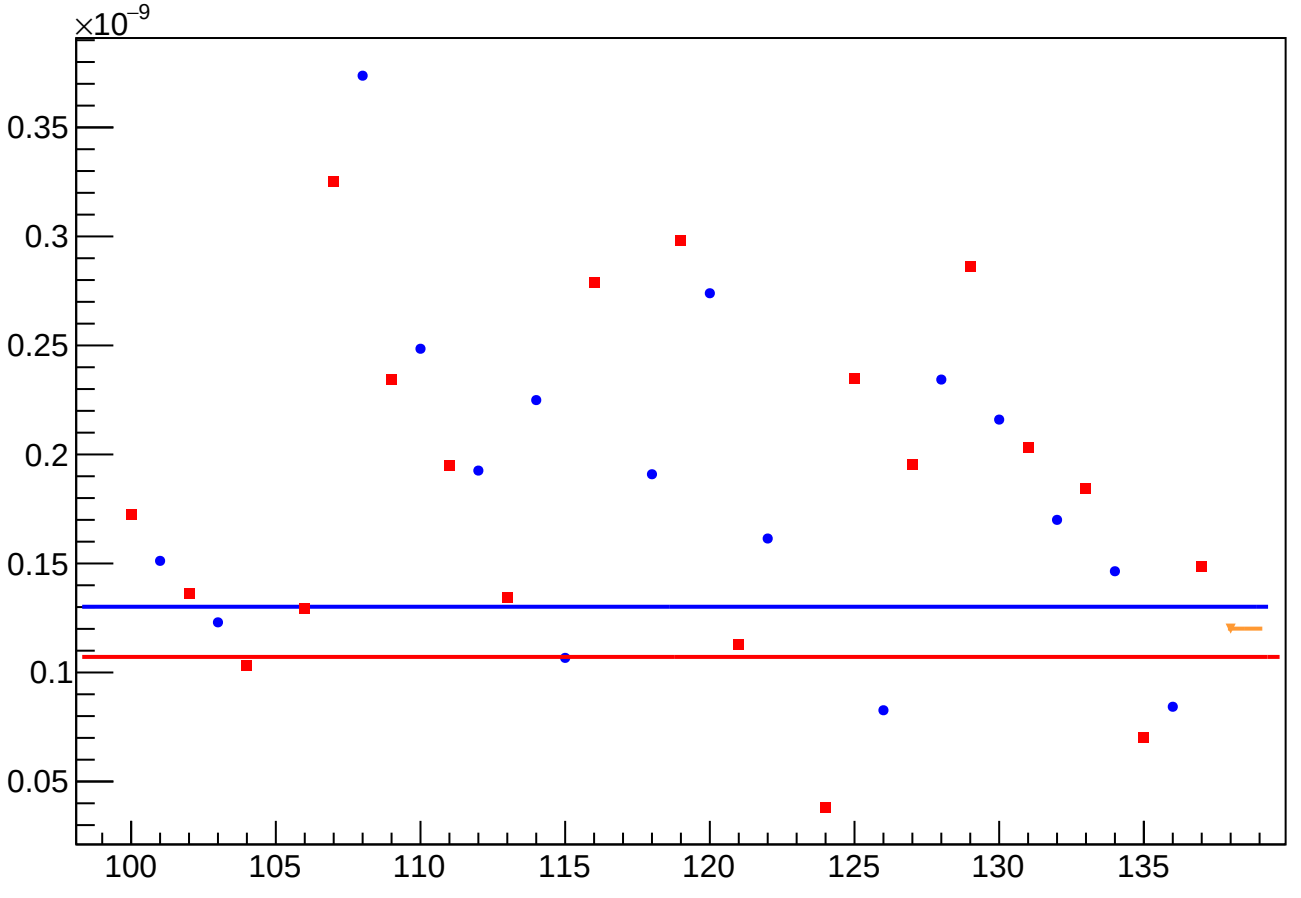
Right Out: 0.000+/-0.000 χ^2/NDF: 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.1/16

All: 0.000+/-0.000 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1334266.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2656168.1/18

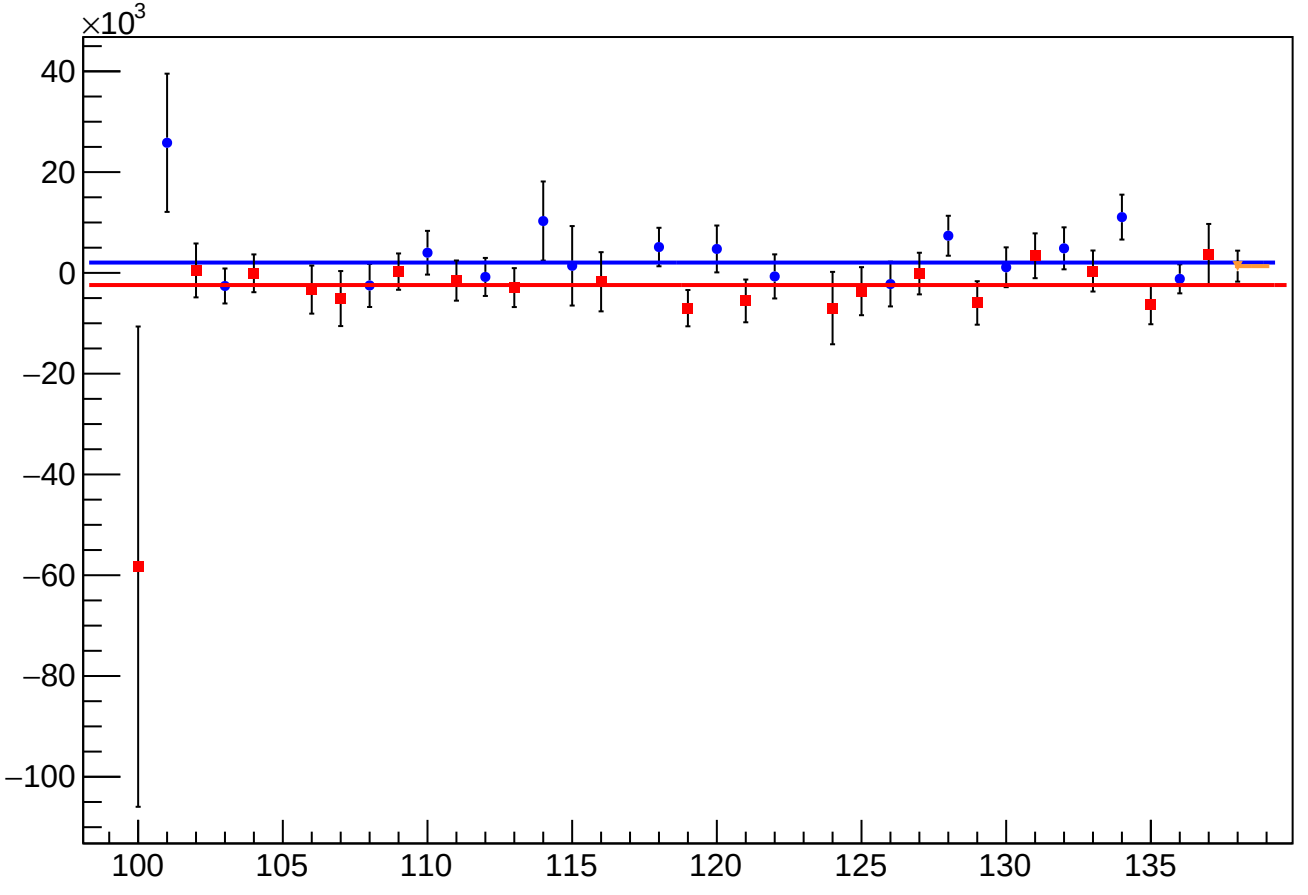
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1340326.7/16

All: 0.000+/-0.000 χ^2/NDF: 4122759.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_mean vs Slug



Right In: 2049.493+/-1070.395 χ^2/NDF: 17.8/15

Left Out: 1339.395+/-3072.706 χ^2/NDF:0.0/0

Right Out: -2411.858+/-1035.471 χ^2/NDF: 10.8/18

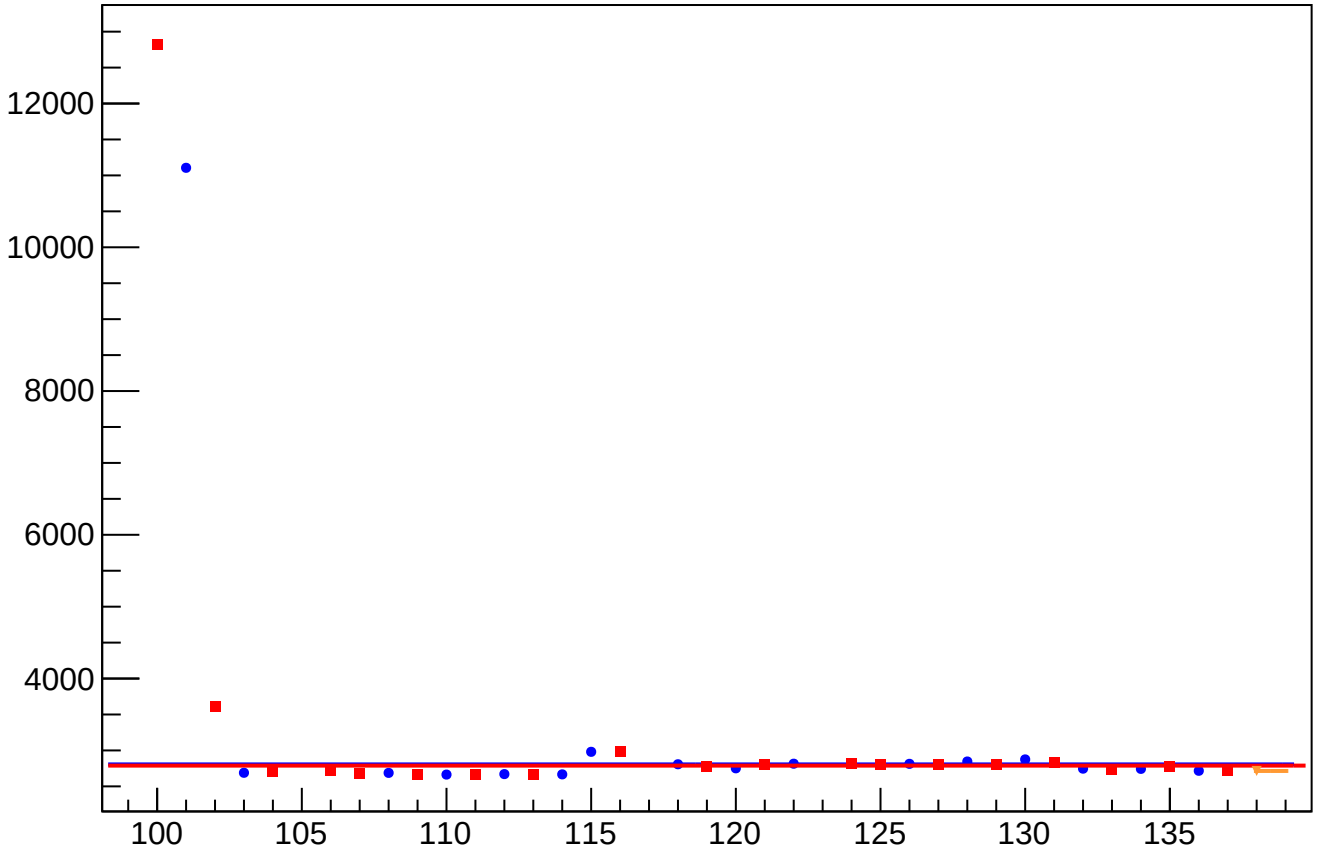
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1972.647+/-1010.819 χ^2/NDF: 17.8/16

All: -166.792+/-723.315 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_rms vs Slug



Right In: 2805.446+/-0.757 χ^2/NDF: 746240.6/15

Left Out: 2714.429+/-2.173 χ^2/NDF:0.0/0

Right Out: 2788.820+/-0.732 χ^2/NDF: 146998.3/18

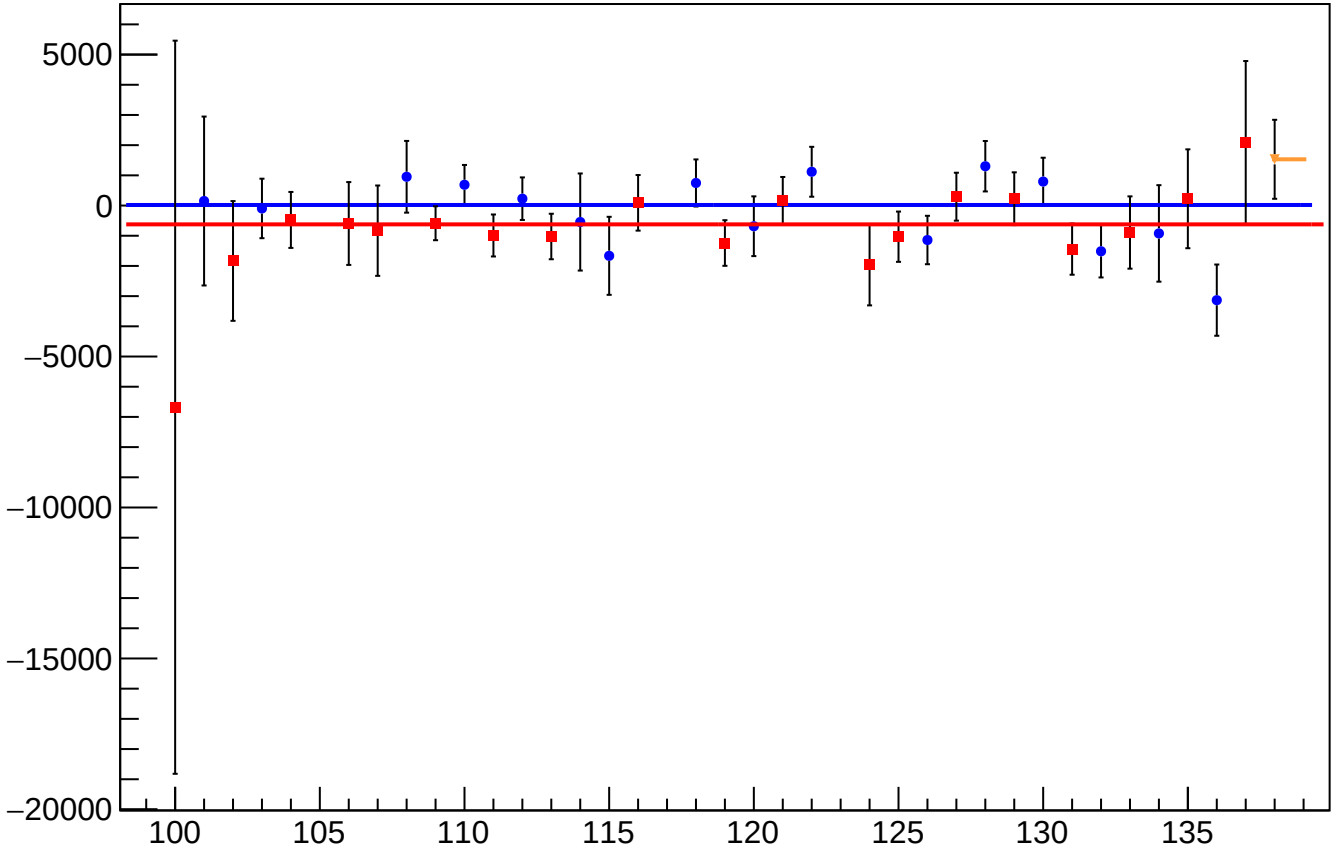
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 2795.596+/-0.715 χ^2/NDF: 747805.5/16

All: 2792.290+/-0.511 χ^2/NDF: 894847.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_reg_correction_mean vs Slug



Right In: 18.981+/-233.483 χ^2/NDF: 22.8/15

Left Out: 1531.711+/-1307.884 χ^2/NDF:0.0/0

Right Out: -623.107+/-215.948 χ^2/NDF: 9.3/18

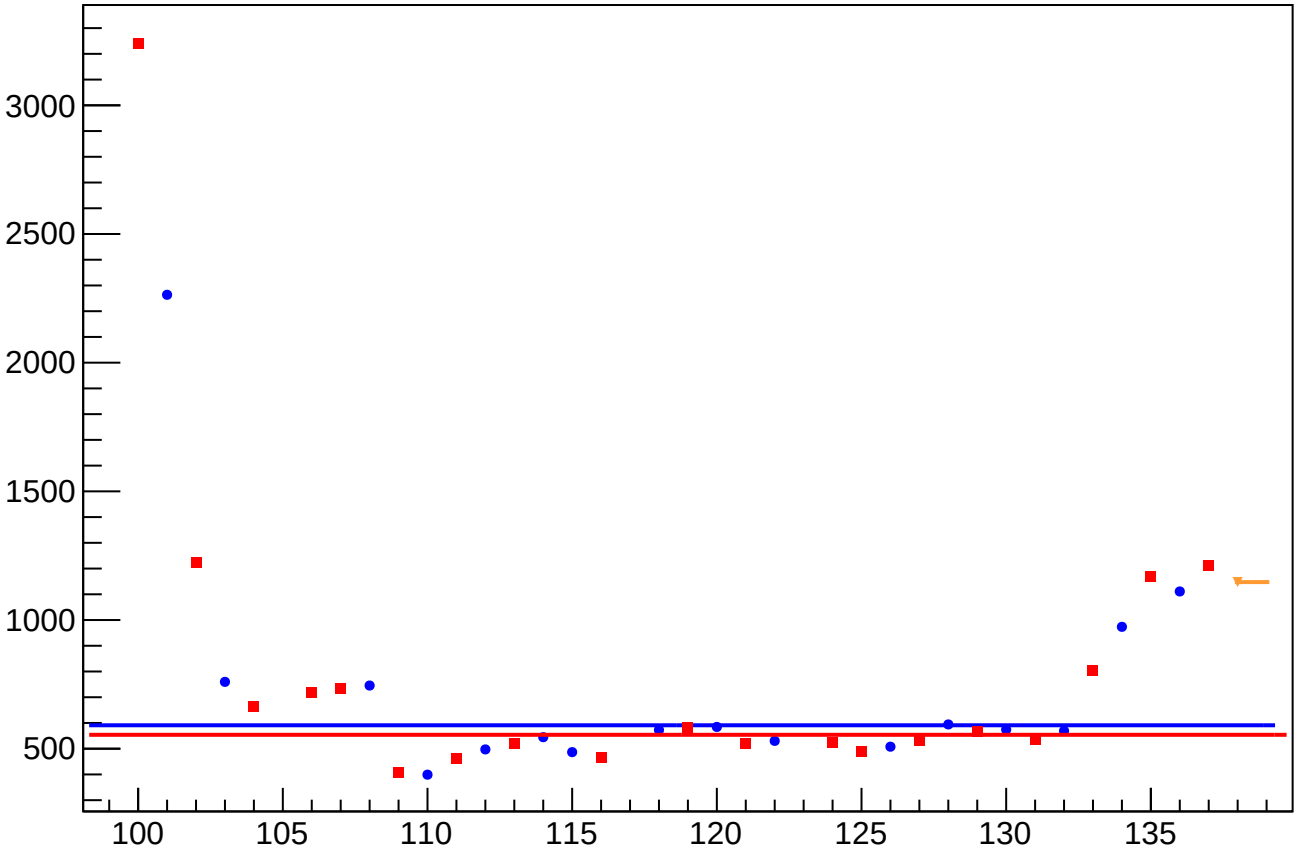
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 65.702+/-229.849 χ^2/NDF: 24.0/16

All: -300.161+/-157.383 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_reg_correction_rms vs Slug



Right In: 591.041+/-0.165 χ^2/NDF: 1567663.5/15

Left Out: 1147.476+/-0.925 χ^2/NDF:0.0/0

Right Out: 553.982+/-0.153 χ^2/NDF: 1116915.2/18

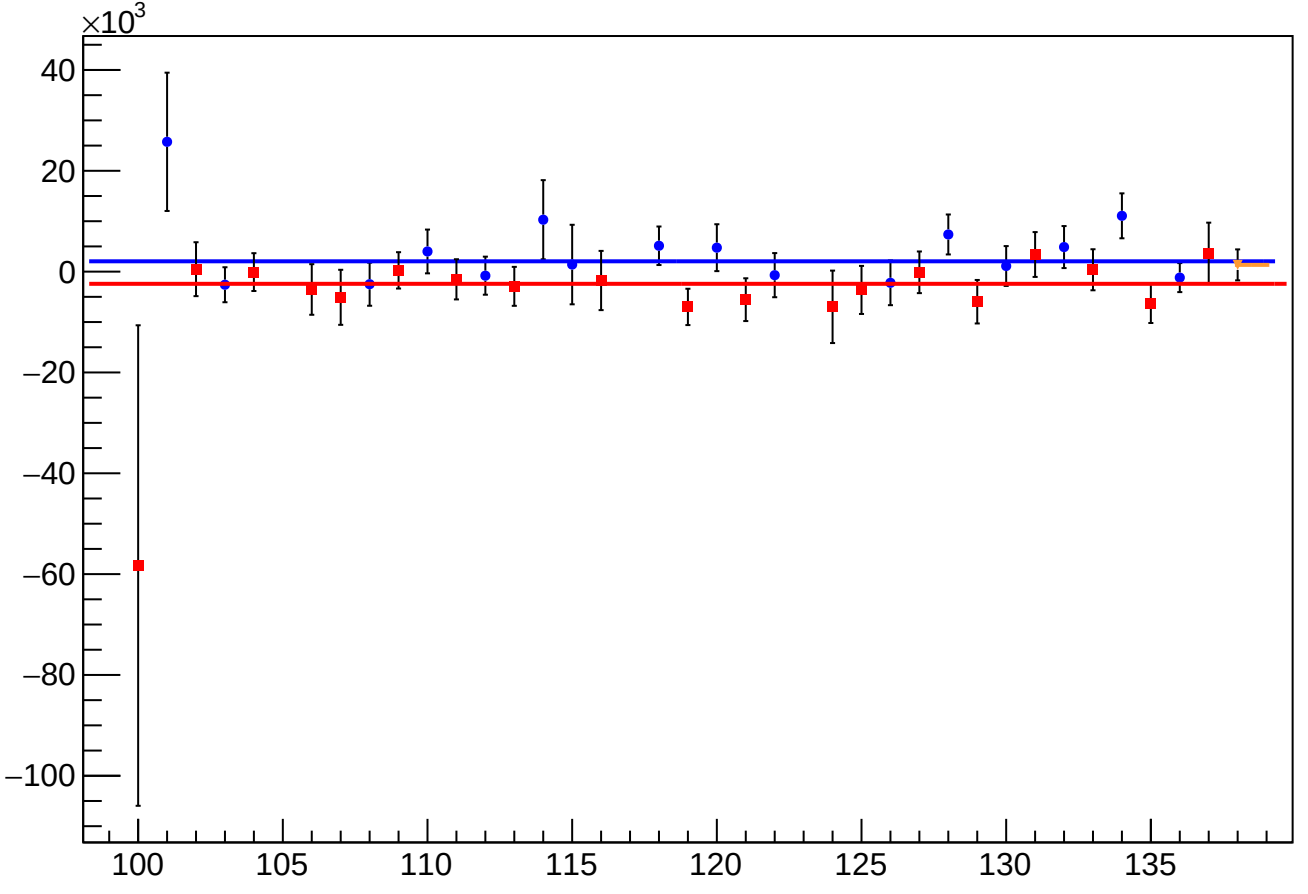
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 608.227+/-0.163 χ^2/NDF: 1918492.3/16

All: 579.414+/-0.111 χ^2/NDF: 3094574.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atr1_mean vs Slug



Right In: 2048.688+/-1070.395 χ^2/NDF: 17.8/15

Left Out: 1339.444+/-3072.706 χ^2/NDF:0.0/0

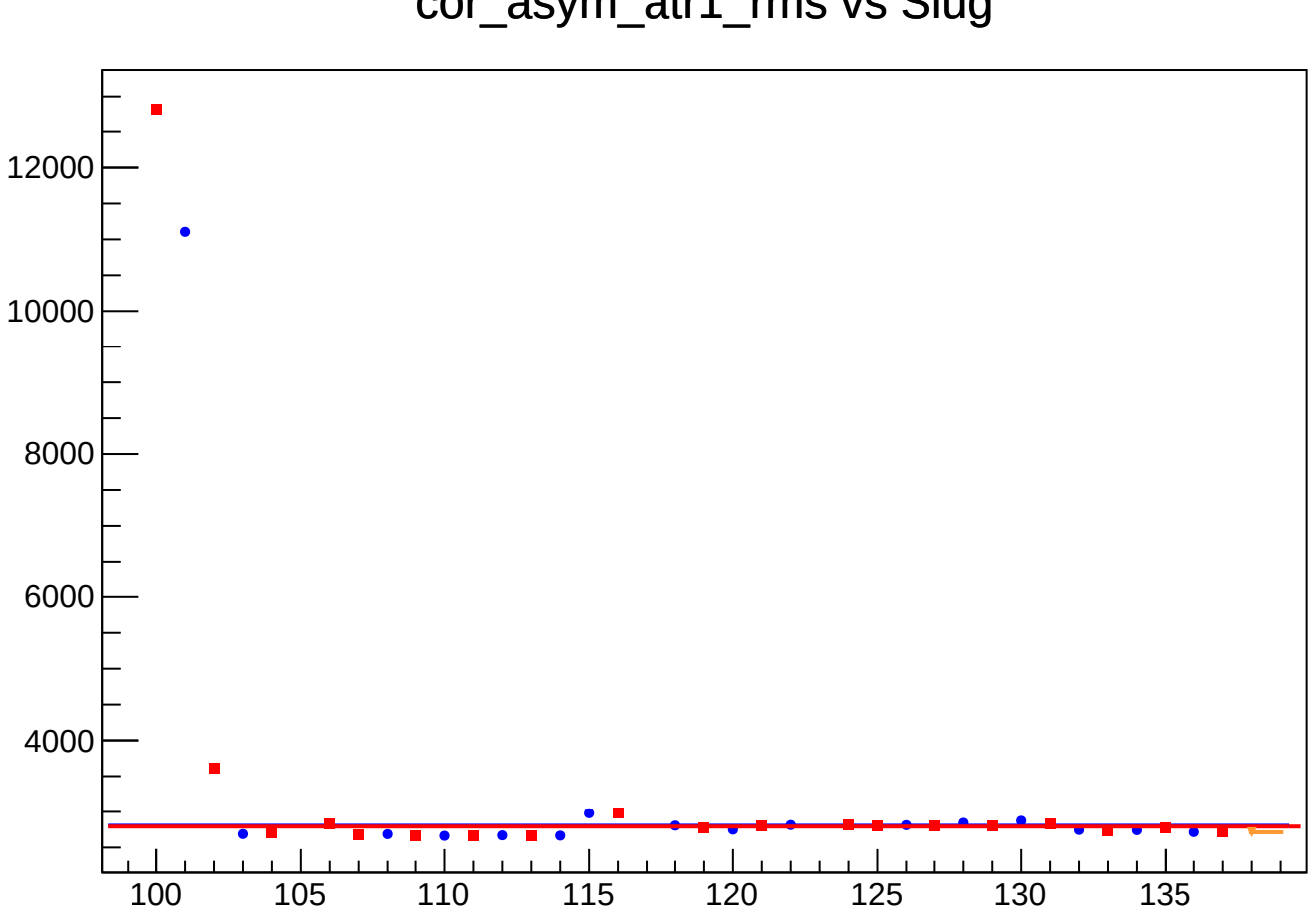
Right Out: -2417.909+/-1037.856 χ^2/NDF: 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1971.934+/-1010.819 χ^2/NDF: 17.8/16

All: -165.064+/-724.127 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2805.446+/-0.757 χ^2/NDF: 746239.8/15

Left Out: 2714.429+/-2.173 χ^2/NDF:0.0/0

Right Out: 2794.157+/-0.734 χ^2/NDF: 146744.3/18

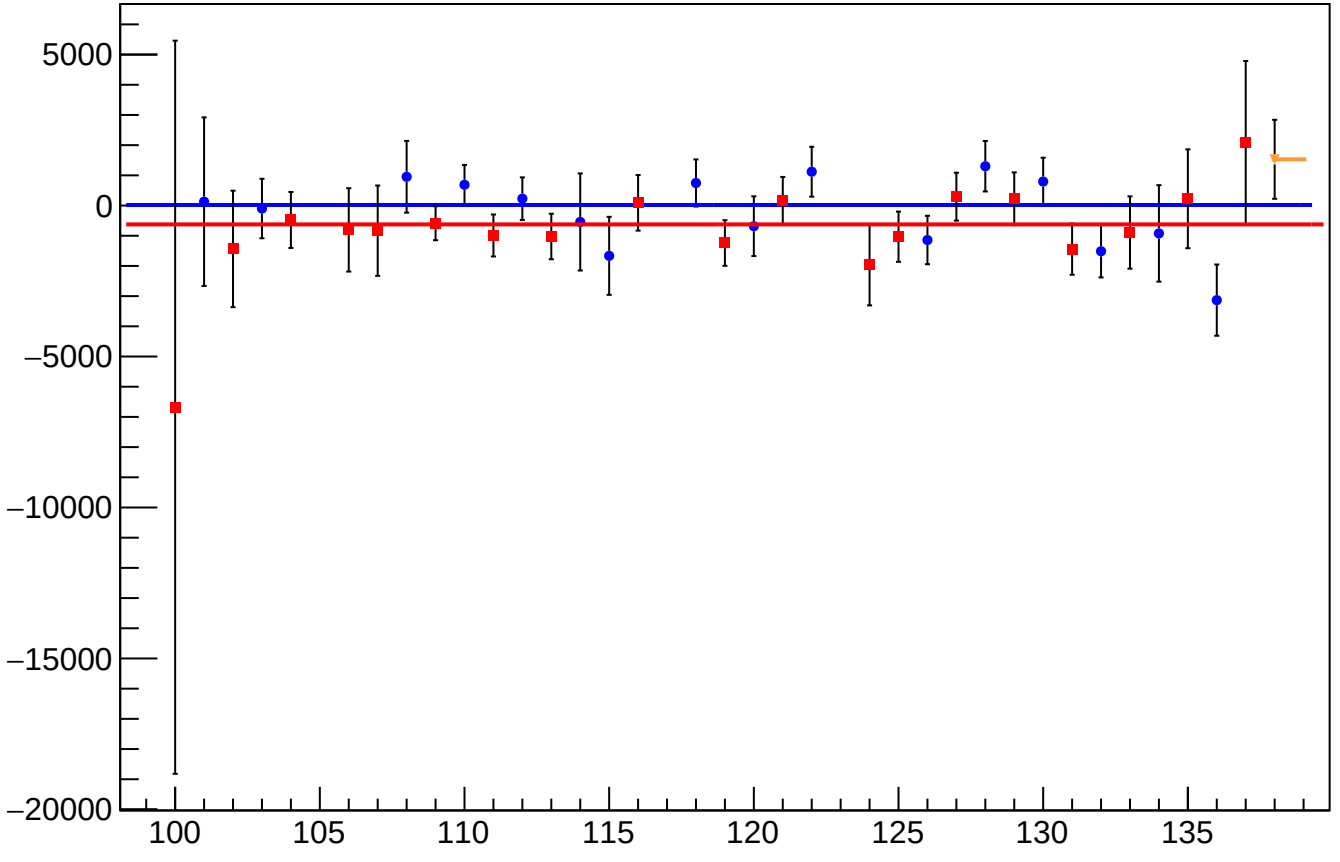
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2795.596+/-0.715 χ^2/NDF: 747804.7/16

All: 2794.895+/-0.512 χ^2/NDF: 894550.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_cor_correction_mean vs Slug



Right In: 18.940+/-233.471 χ^2/NDF: 22.8/15

Left Out: 1531.514+/-1307.883 χ^2/NDF:0.0/0

Right Out: -624.217+/-215.902 χ^2/NDF: 9.1/18

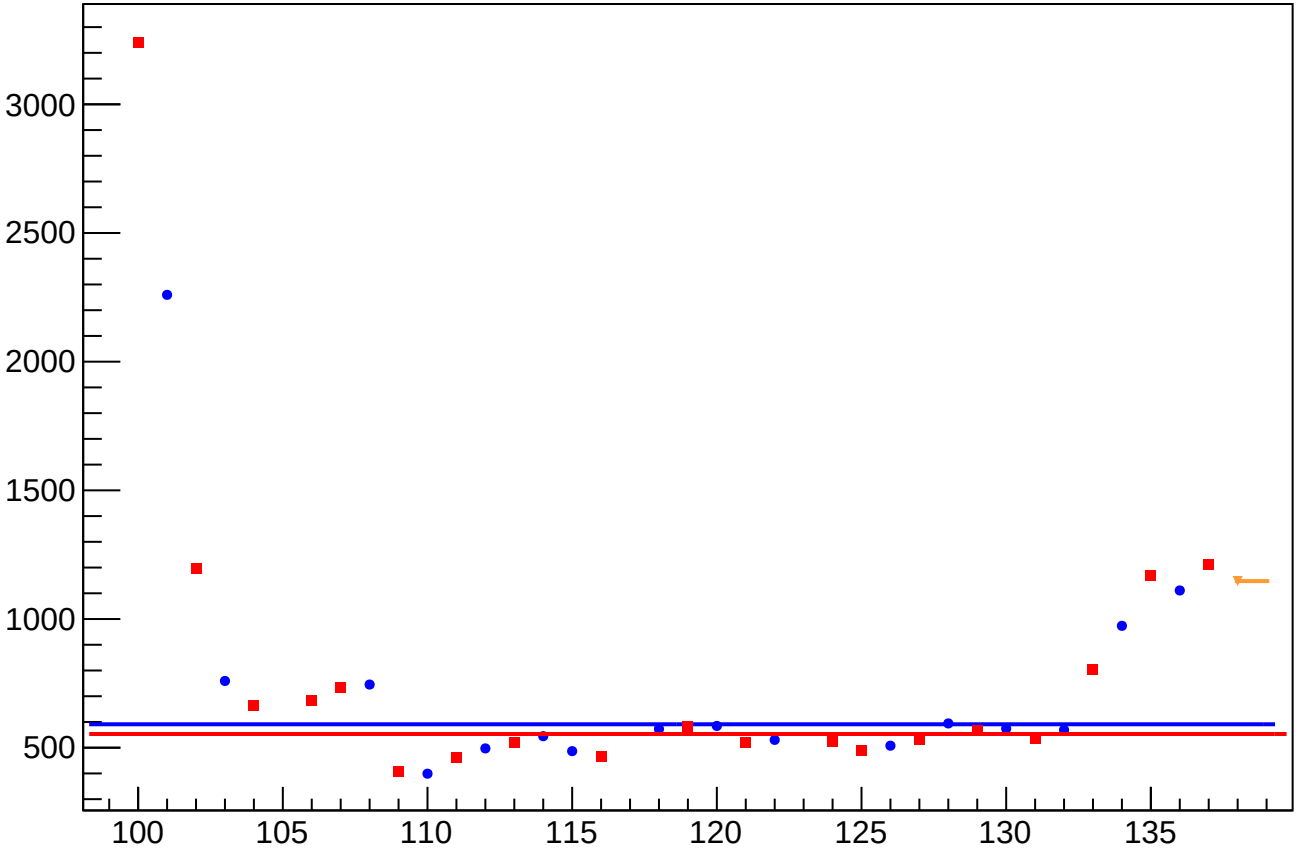
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 65.651+/-229.838 χ^2/NDF: 24.1/16

All: -300.831+/-157.362 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_cor_correction_rms vs Slug



Right In: 591.039+/-0.165 χ^2/NDF: 1566635.0/15

Left Out: 1147.472+/-0.925 χ^2/NDF:0.0/0

Right Out: 553.233+/-0.153 χ^2/NDF: 1101651.0/18

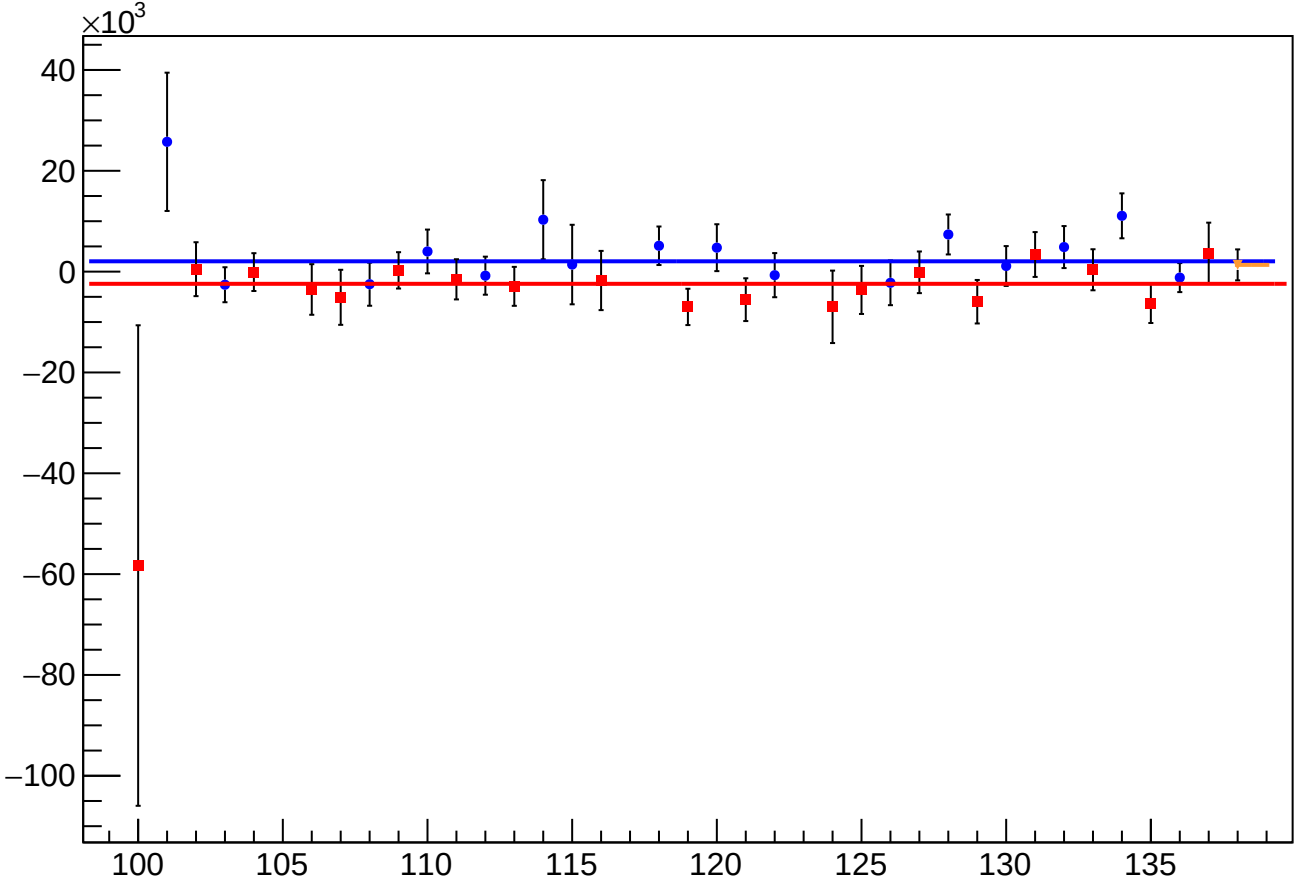
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 608.223+/-0.163 χ^2/NDF: 1917462.8/16

All: 579.010+/-0.111 χ^2/NDF: 3079933.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: 2048.688+/-1070.395 χ^2/NDF: 17.8/15

Left Out: 1339.444+/-3072.706 χ^2/NDF:0.0/0

Right Out: -2417.909+/-1037.856 χ^2/NDF: 10.8/18

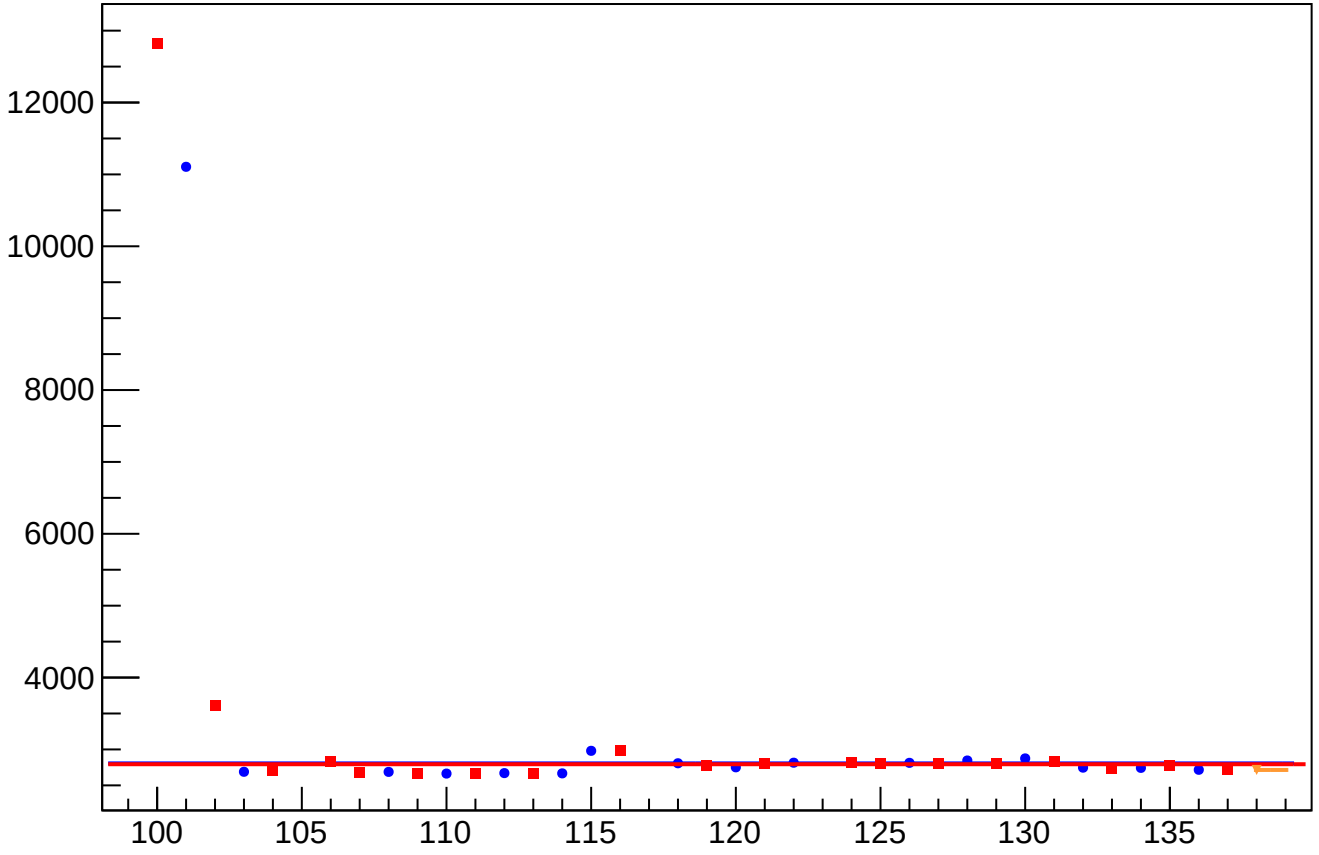
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1971.934+/-1010.819 χ^2/NDF: 17.8/16

All: -165.064+/-724.127 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr1_rms vs Slug



Right In: 2805.446+/-0.757 χ^2/NDF: 746239.8/15

Left Out: 2714.429+/-2.173 χ^2/NDF:0.0/0

Right Out: 2794.157+/-0.734 χ^2/NDF: 146744.3/18

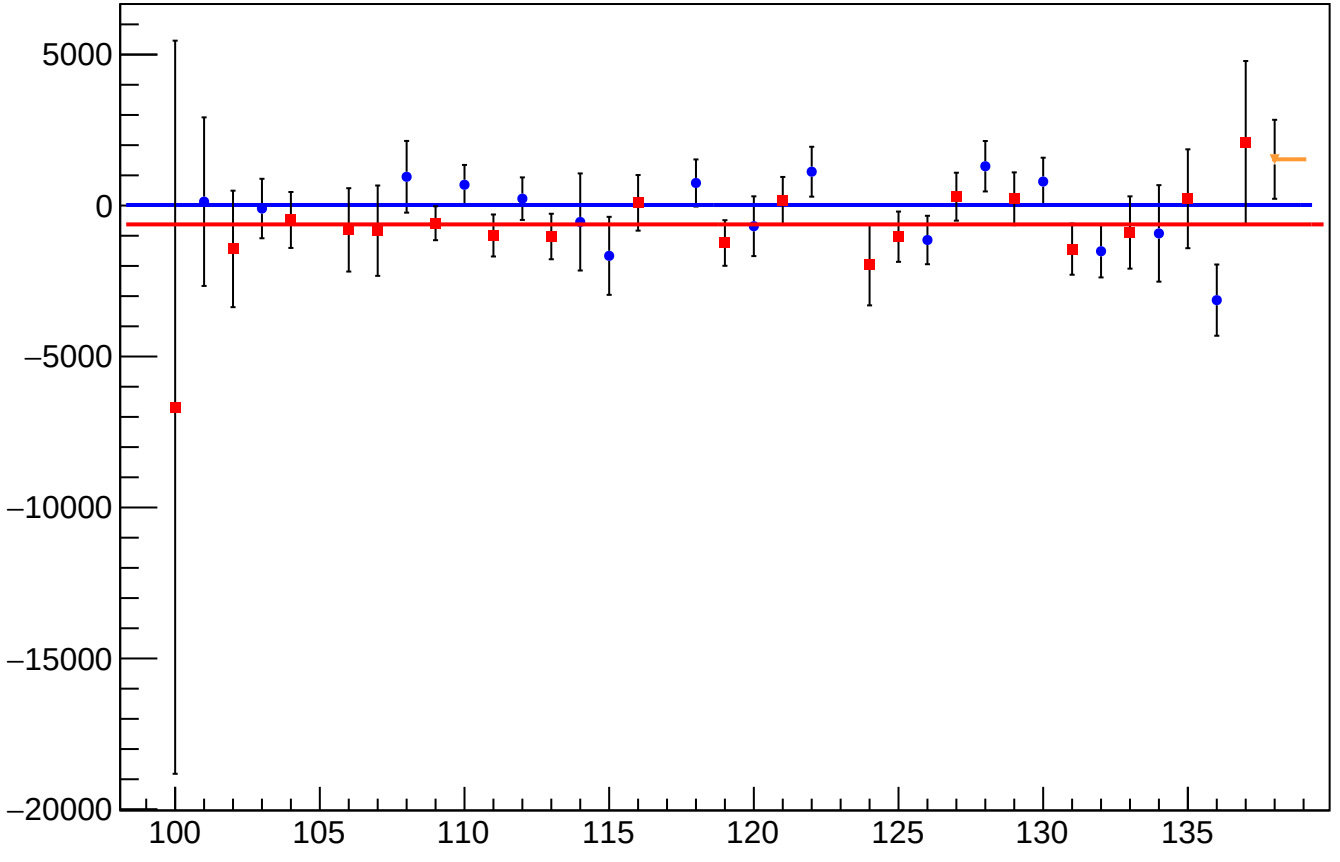
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2795.596+/-0.715 χ^2/NDF: 747804.7/16

All: 2794.895+/-0.512 χ^2/NDF: 894550.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 18.940+/-233.471 χ^2/NDF: 22.8/15

Left Out: 1531.514+/-1307.883 χ^2/NDF:0.0/0

Right Out: -624.217+/-215.902 χ^2/NDF: 9.1/18

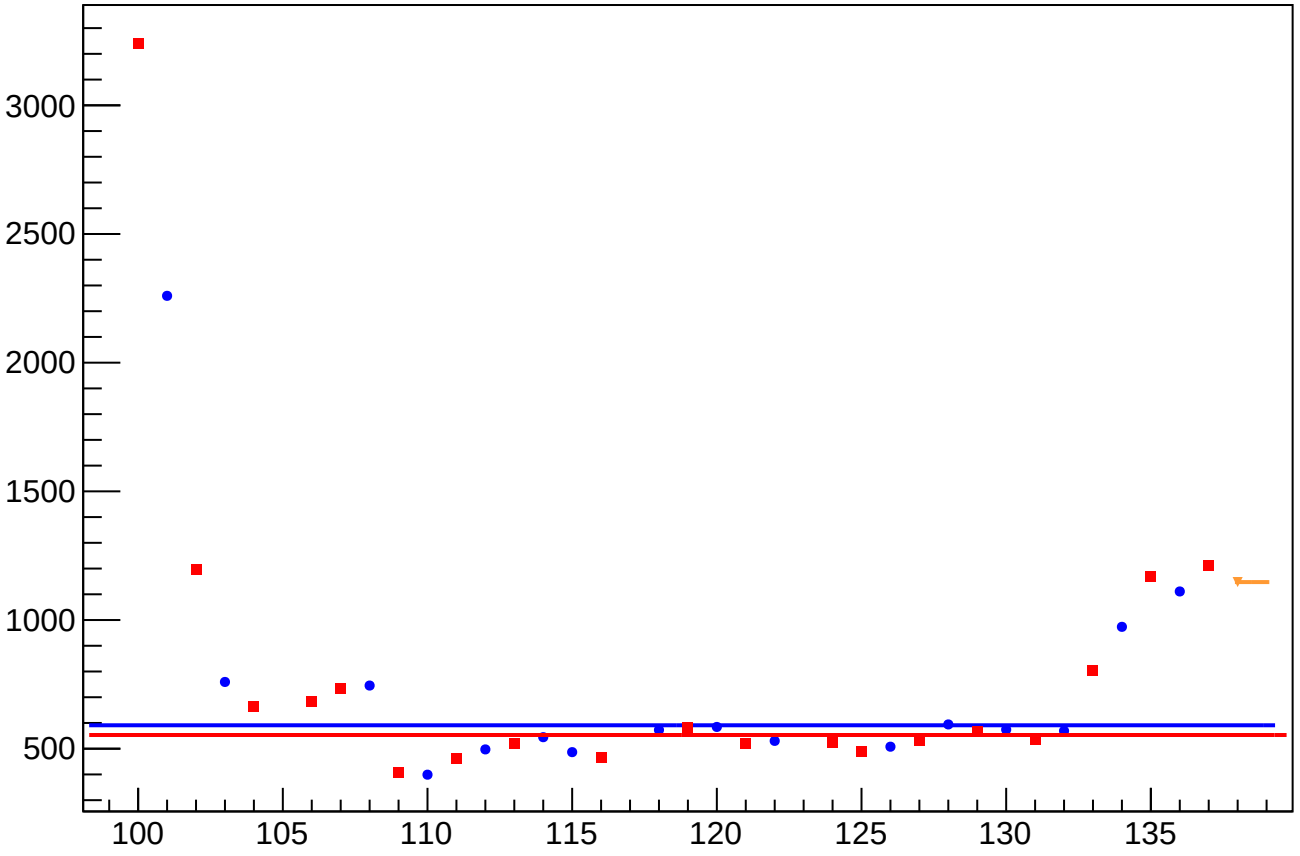
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 65.651+/-229.838 χ^2/NDF: 24.1/16

All: -300.831+/-157.362 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 591.039+/-0.165 χ^2/NDF: 1566635.0/15

Left Out: 1147.472+/-0.925 χ^2/NDF:0.0/0

Right Out: 553.233+/-0.153 χ^2/NDF: 1101651.0/18

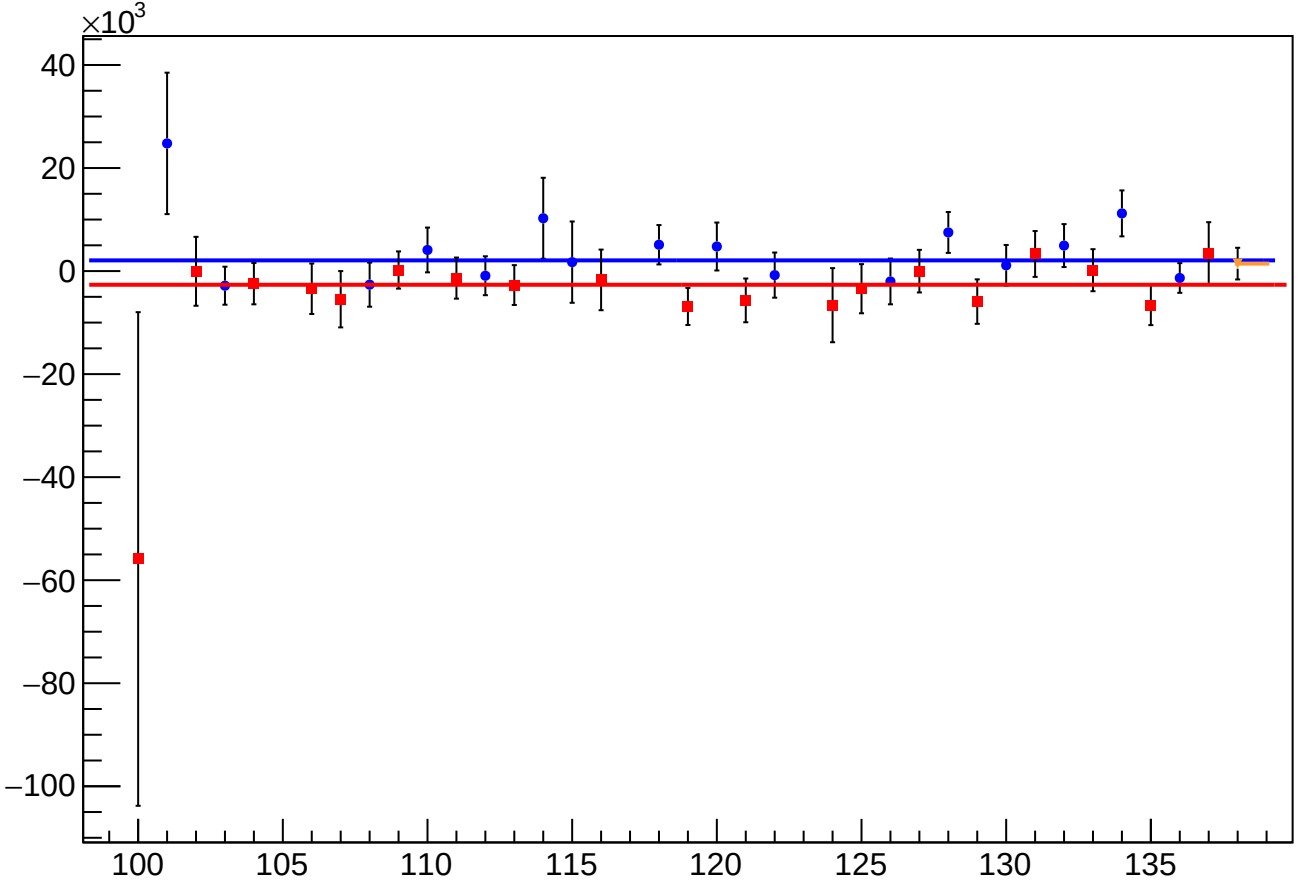
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 608.223+/-0.163 χ^2/NDF: 1917462.8/16

All: 579.010+/-0.111 χ^2/NDF: 3079933.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr1_mean vs Slug



Right In: 2074.766+/-1077.182 χ^2/NDF: 17.9/15

Left Out: 1448.385+/-3075.831 χ^2/NDF:0.0/0

Right Out: -2657.301+/-1049.868 χ^2/NDF: 9.9/18

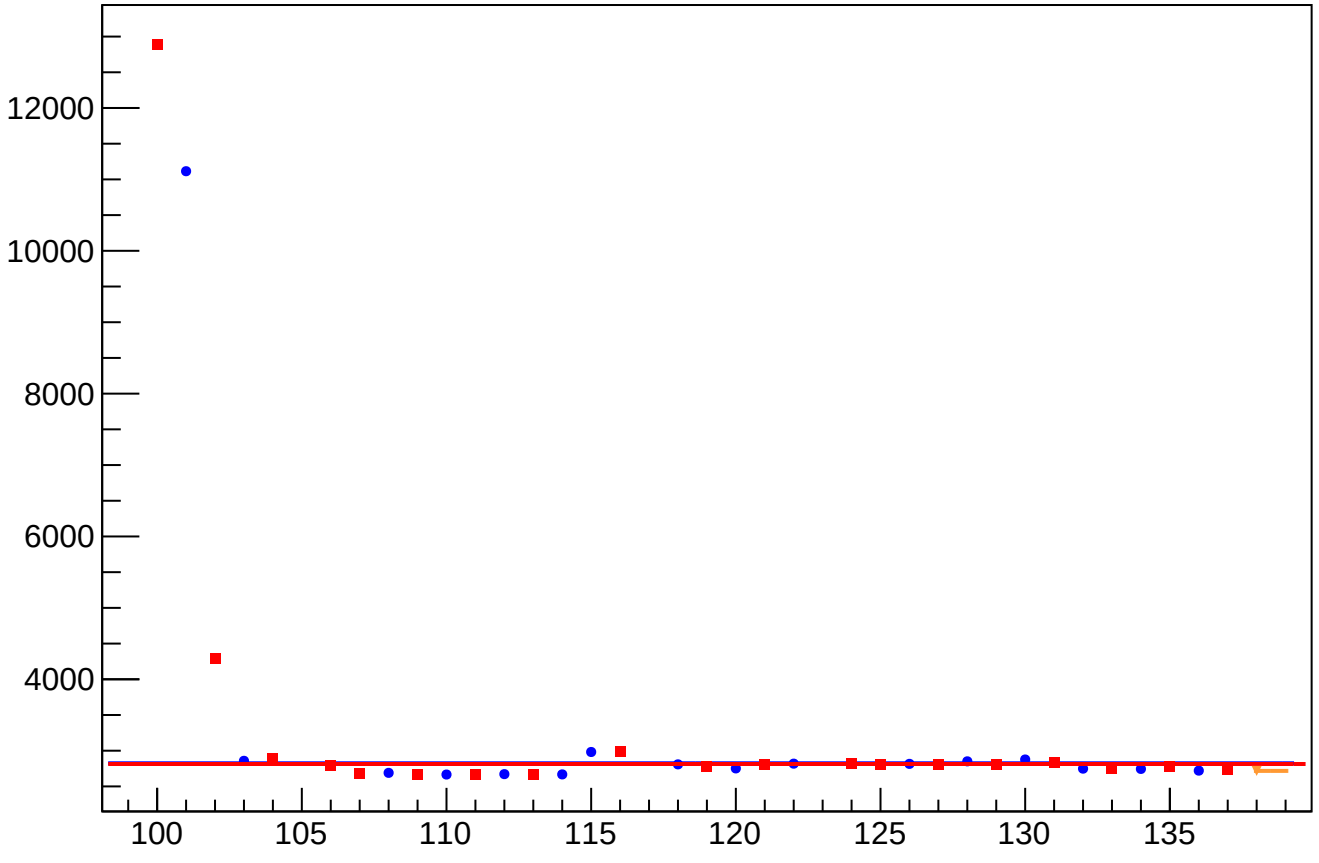
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2006.336+/-1016.641 χ^2/NDF: 17.9/16

All: -250.517+/-730.338 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr1_rms vs Slug



Right In: 2823.448+/-0.762 χ^2/NDF: 743916.1/15

Left Out: 2717.187+/-2.175 χ^2/NDF:0.0/0

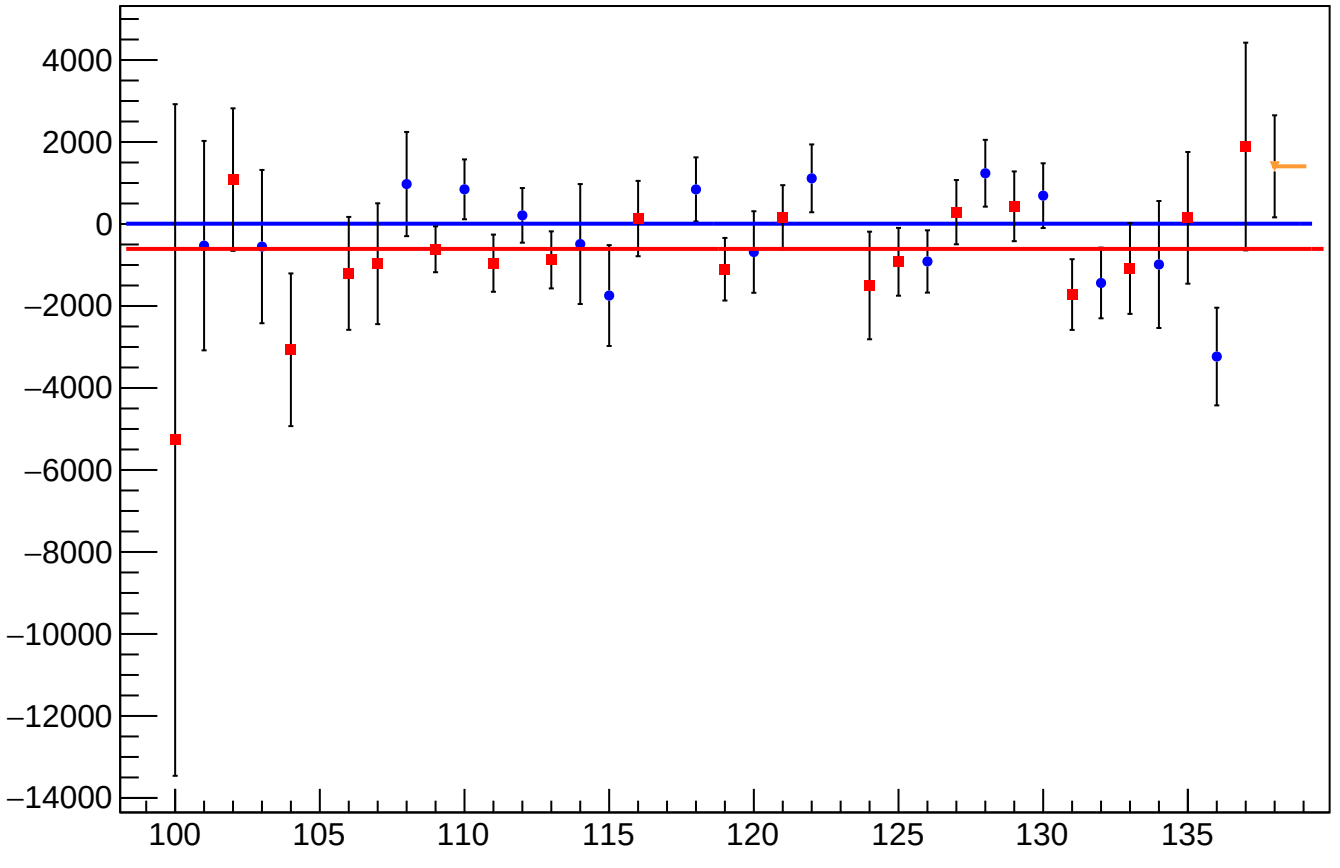
Right Out: 2813.821+/-0.742 χ^2/NDF: 200511.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2811.839+/-0.719 χ^2/NDF: 746042.3/16

All: 2812.798+/-0.516 χ^2/NDF: 946557.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 7.048+/-237.455 χ^2/NDF: 22.8/15

Left Out: 1406.511+/-1244.326 χ^2/NDF:0.0/0

Right Out: -607.647+/-217.093 χ^2/NDF: 12.2/18

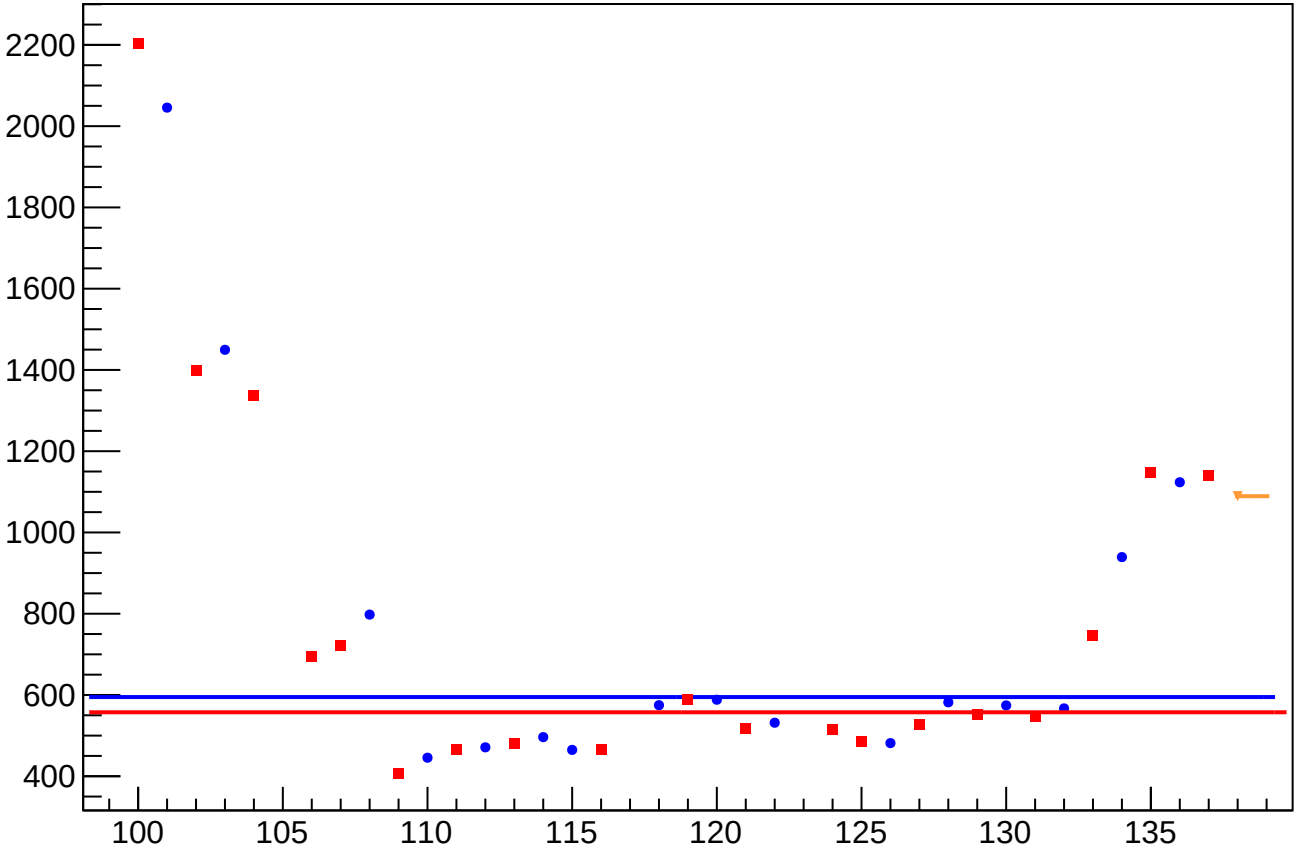
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.221+/-233.246 χ^2/NDF: 24.0/16

All: -299.494+/-158.912 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_dit_correction_rms vs Slug



Right In: 594.858+/-0.168 χ^2/NDF: 1852655.3/15

Left Out: 1089.261+/-0.880 χ^2/NDF:0.0/0

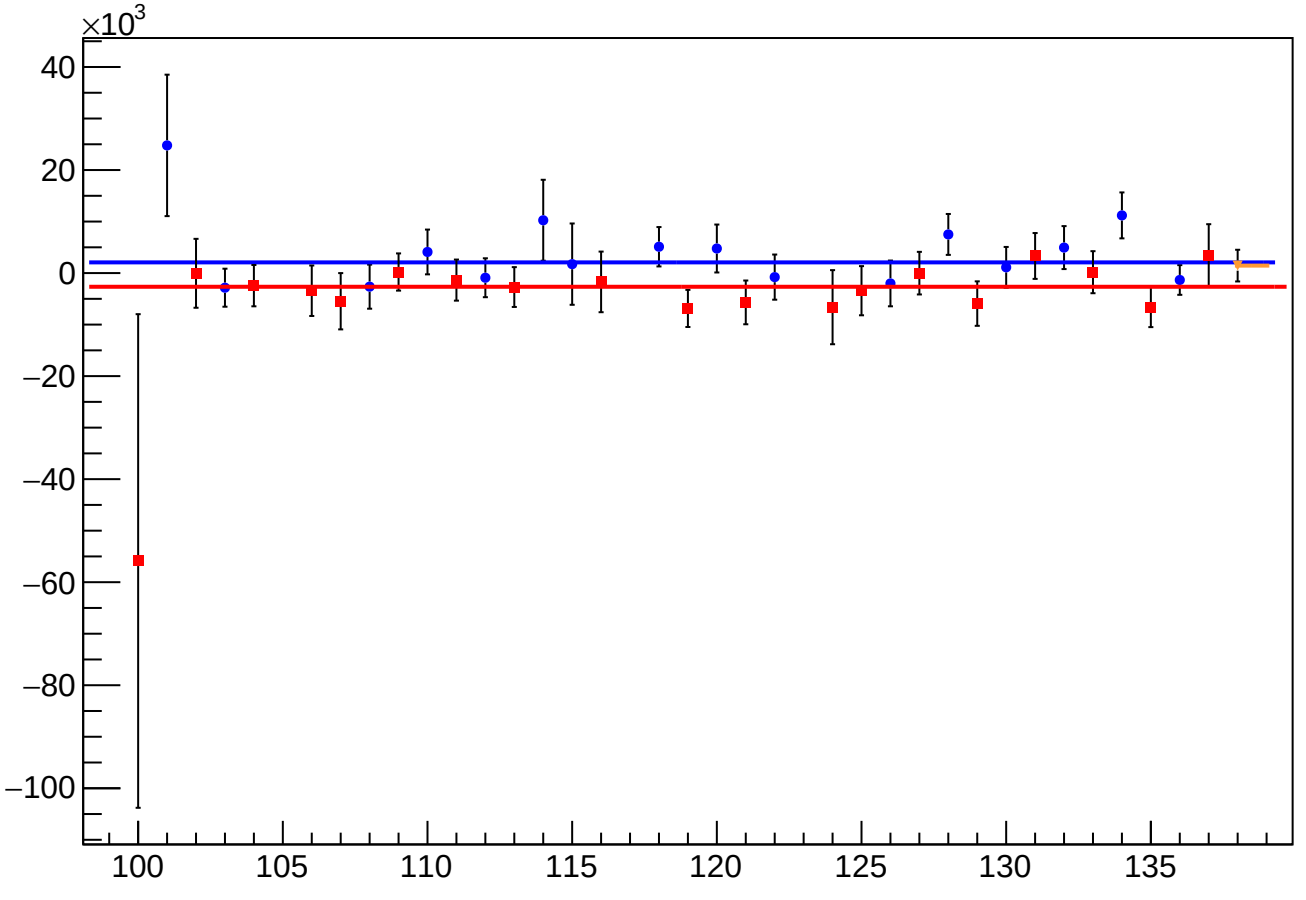
Right Out: 557.397+/-0.154 χ^2/NDF: 1631309.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 612.229+/-0.165 χ^2/NDF: 2157297.7/16

All: 582.849+/-0.112 χ^2/NDF: 3847830.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2074.766+/-1077.182 χ^2/NDF: 17.9/15

Left Out: 1448.383+/-3075.831 χ^2/NDF:0.0/0

Right Out: -2657.300+/-1049.868 χ^2/NDF: 9.9/18

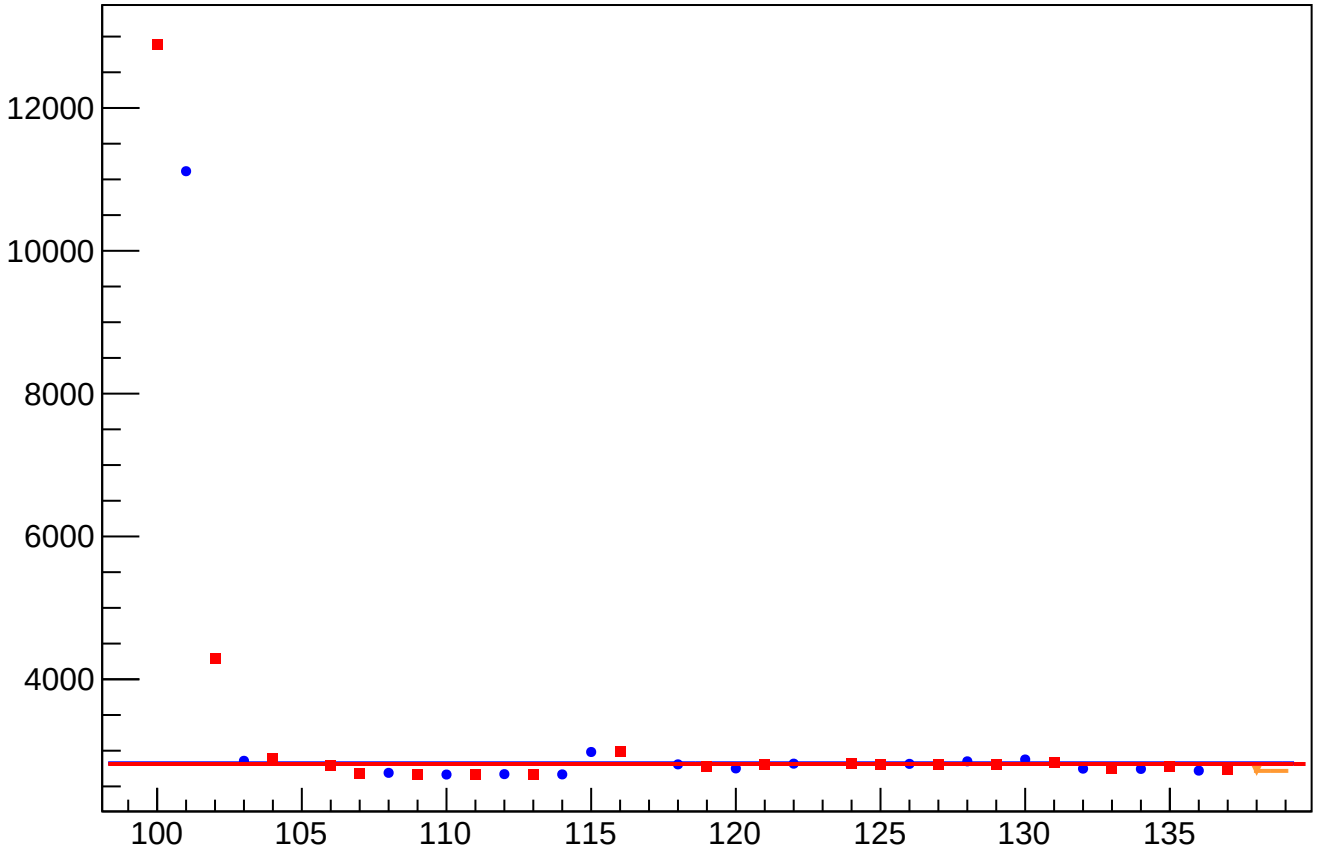
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2006.335+/-1016.641 χ^2/NDF: 17.9/16

All: -250.516+/-730.338 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 2823.448+/-0.762 χ^2/NDF: 743916.1/15

Left Out: 2717.187+/-2.175 χ^2/NDF:0.0/0

Right Out: 2813.821+/-0.742 χ^2/NDF: 200511.7/18

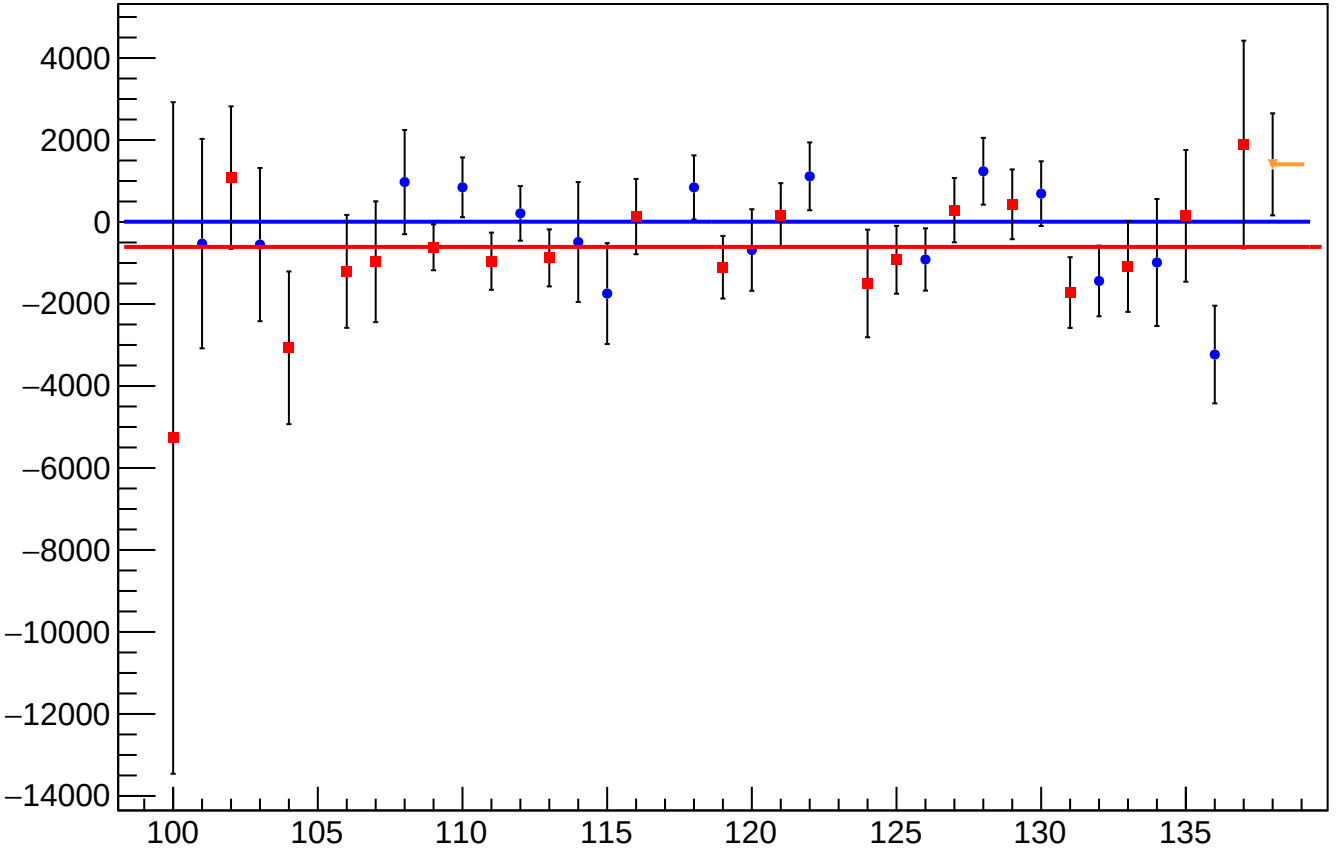
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2811.839+/-0.719 χ^2/NDF: 746042.3/16

All: 2812.798+/-0.516 χ^2/NDF: 946557.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 7.049+/-237.455 χ^2/NDF: 22.8/15

Left Out: 1406.510+/-1244.325 χ^2/NDF:0.0/0

Right Out: -607.647+/-217.094 χ^2/NDF: 12.2/18

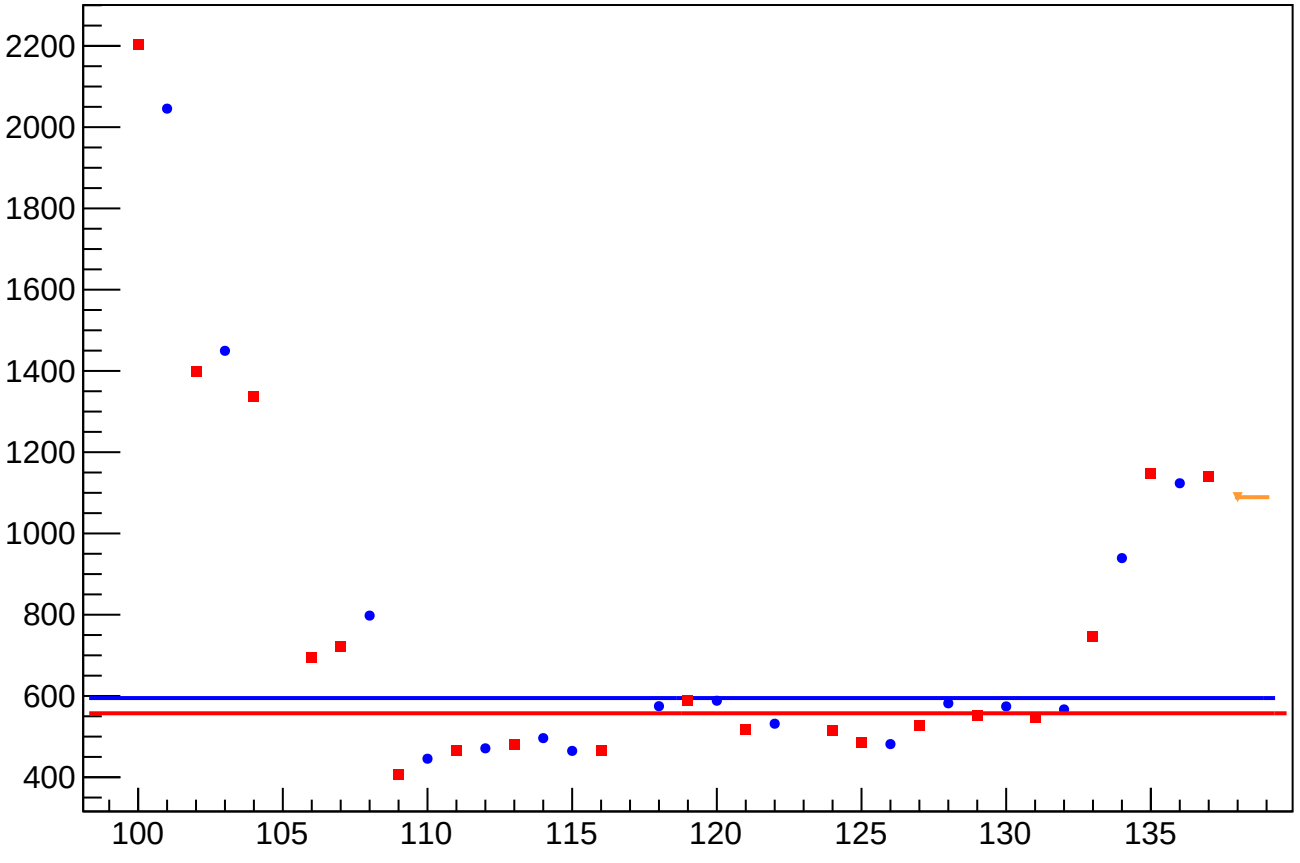
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.221+/-233.246 χ^2/NDF: 24.0/16

All: -299.494+/-158.912 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 594.858+/-0.168 χ^2/NDF: 1852649.9/15

Left Out: 1089.260+/-0.880 χ^2/NDF:0.0/0

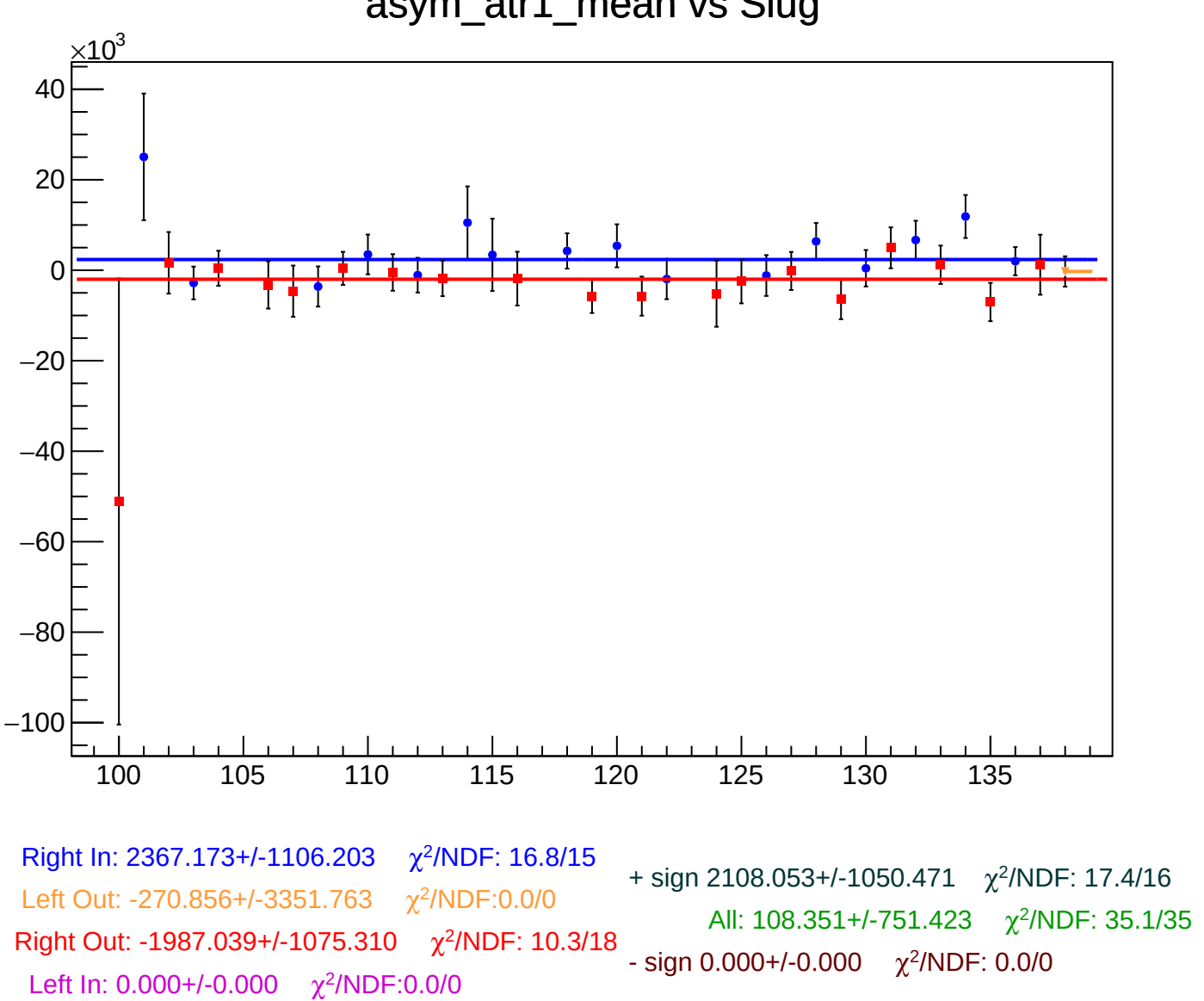
Right Out: 557.397+/-0.154 χ^2/NDF: 1631307.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

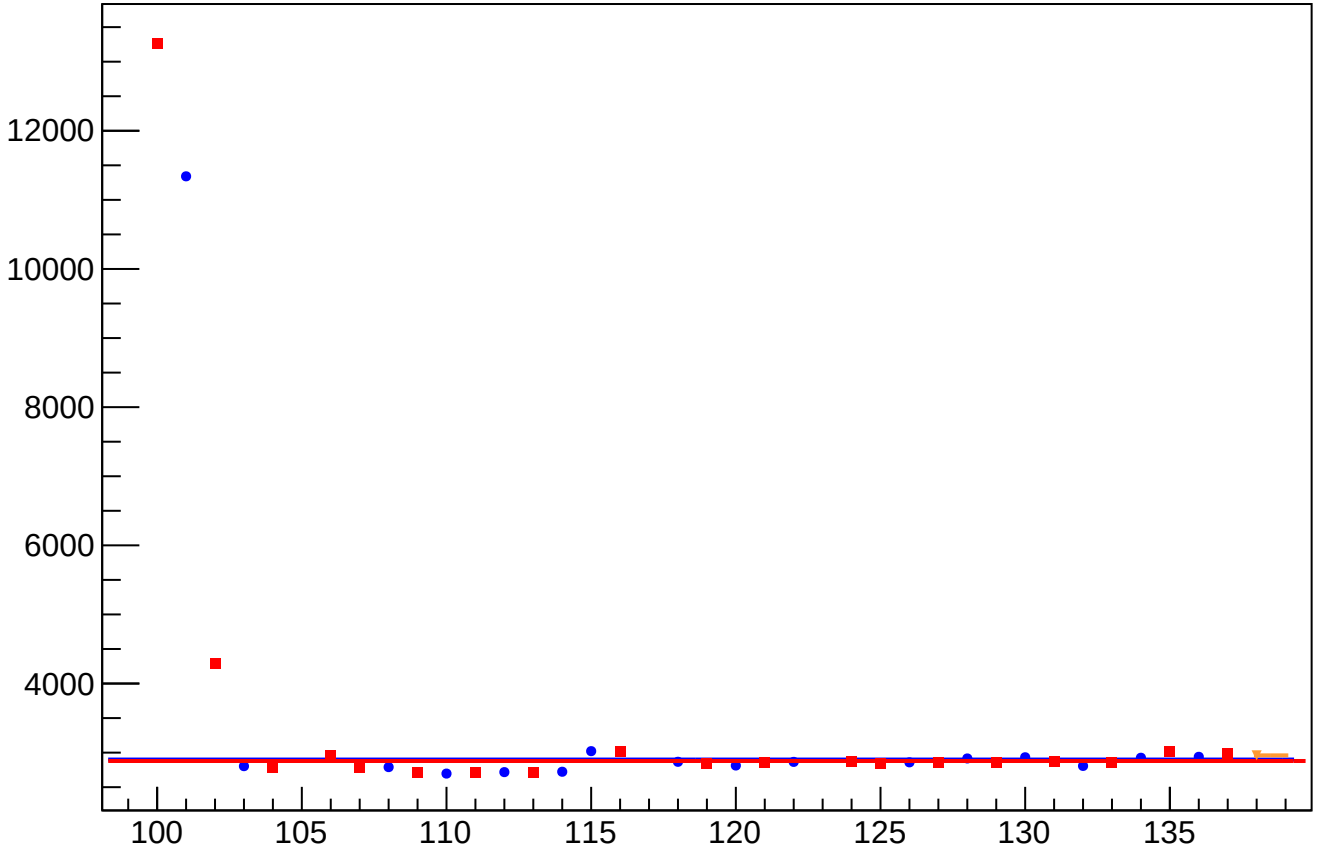
+ sign 612.230+/-0.165 χ^2/NDF: 2157291.0/16

All: 582.849+/-0.112 χ^2/NDF: 3847822.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr1_mean vs Slug
×10^3
40
20
0
−20
−40
−60
−80
−100
100
105
110
115
120
125
130
135
Right In: 2367.173+/-1106.203 χ²/NDF: 16.8/15
Left Out: -270.856+/-3351.763 χ²/NDF:0.0/0
Right Out: -1987.039+/-1075.310 χ²/NDF: 10.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 2108.053+/-1050.471 χ²/NDF: 17.4/16
All: 108.351+/-751.423 χ²/NDF: 35.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_atr1_rms vs Slug



Right In: 2899.827+/-0.782 χ^2/NDF: 741818.2/15

Left Out: 2960.490+/-2.370 χ^2/NDF:0.0/0

Right Out: 2878.957+/-0.760 χ^2/NDF: 193282.4/18

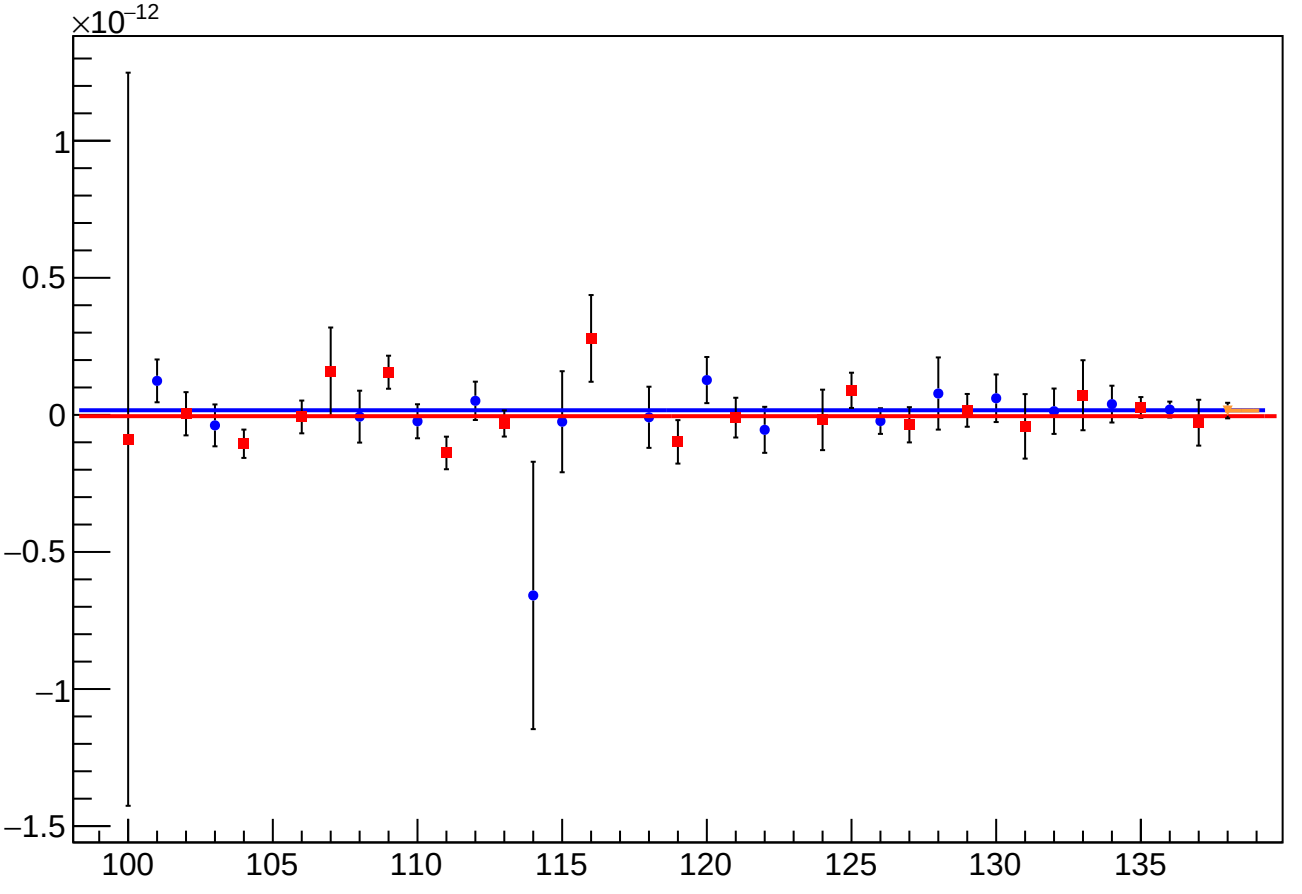
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2905.786+/-0.743 χ^2/NDF: 742408.9/16

All: 2892.685+/-0.531 χ^2/NDF: 936328.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

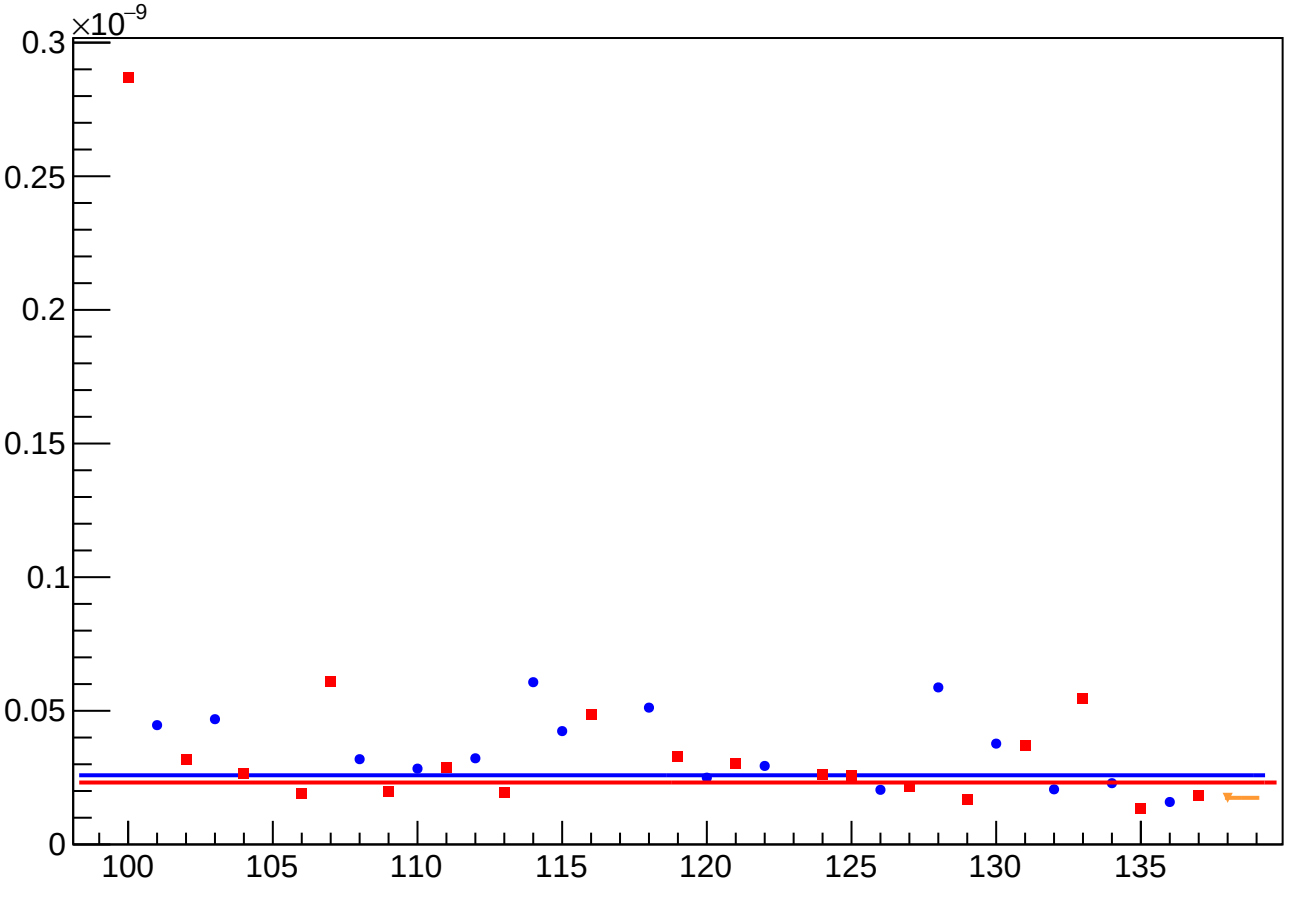
Right Out: -0.000+/-0.000 χ^2/NDF: 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

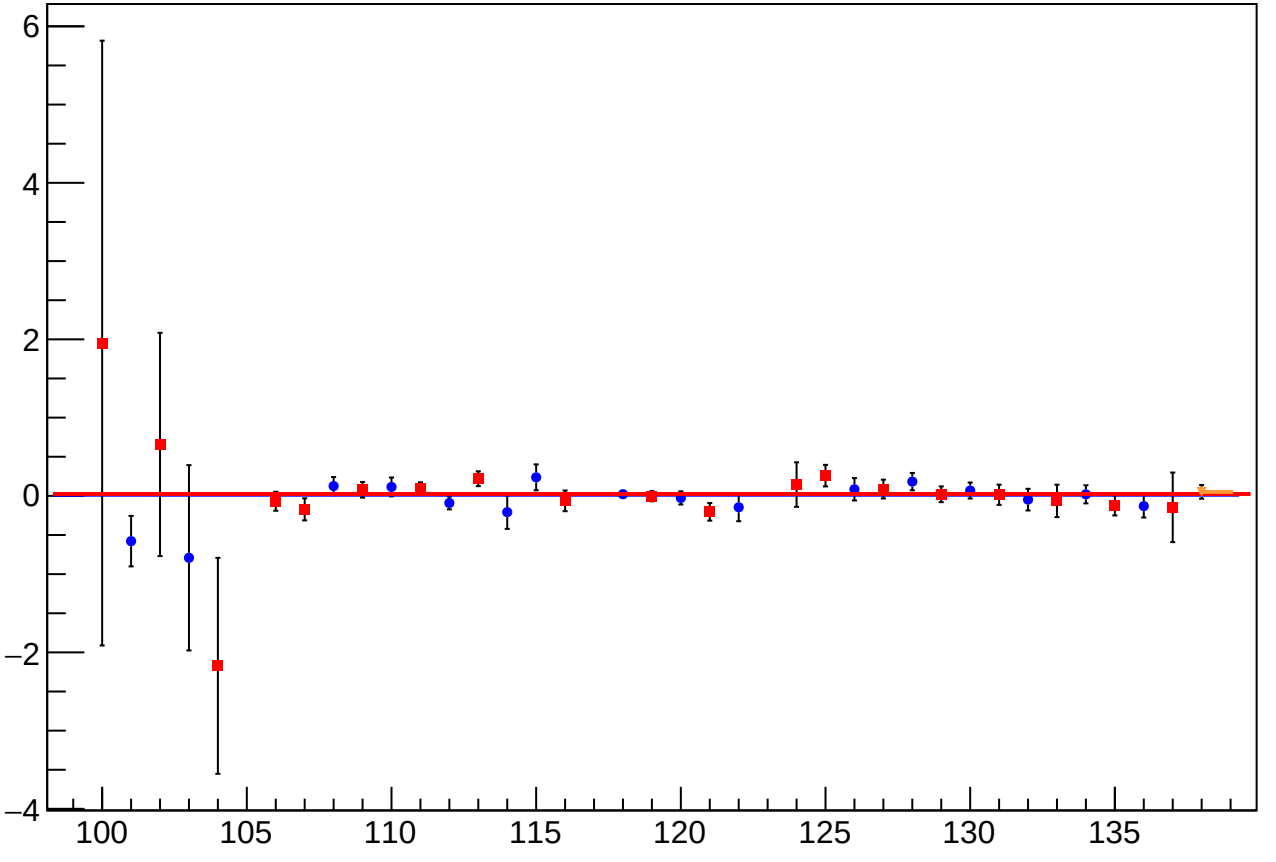
+ sign 0.000+/-0.000 χ^2/NDF: 8.9/16

All: 0.000+/-0.000 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr1_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.3
0.25
0.2
0.15
0.1
0.05
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 865479.7/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 688853.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 996293.3/16
All: 0.000+/-0.000 χ²/NDF: 1686259.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.015+/-0.028 χ^2/NDF: 15.0/15

Left Out: 0.051+/-0.088 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.028 χ^2/NDF: 20.8/18

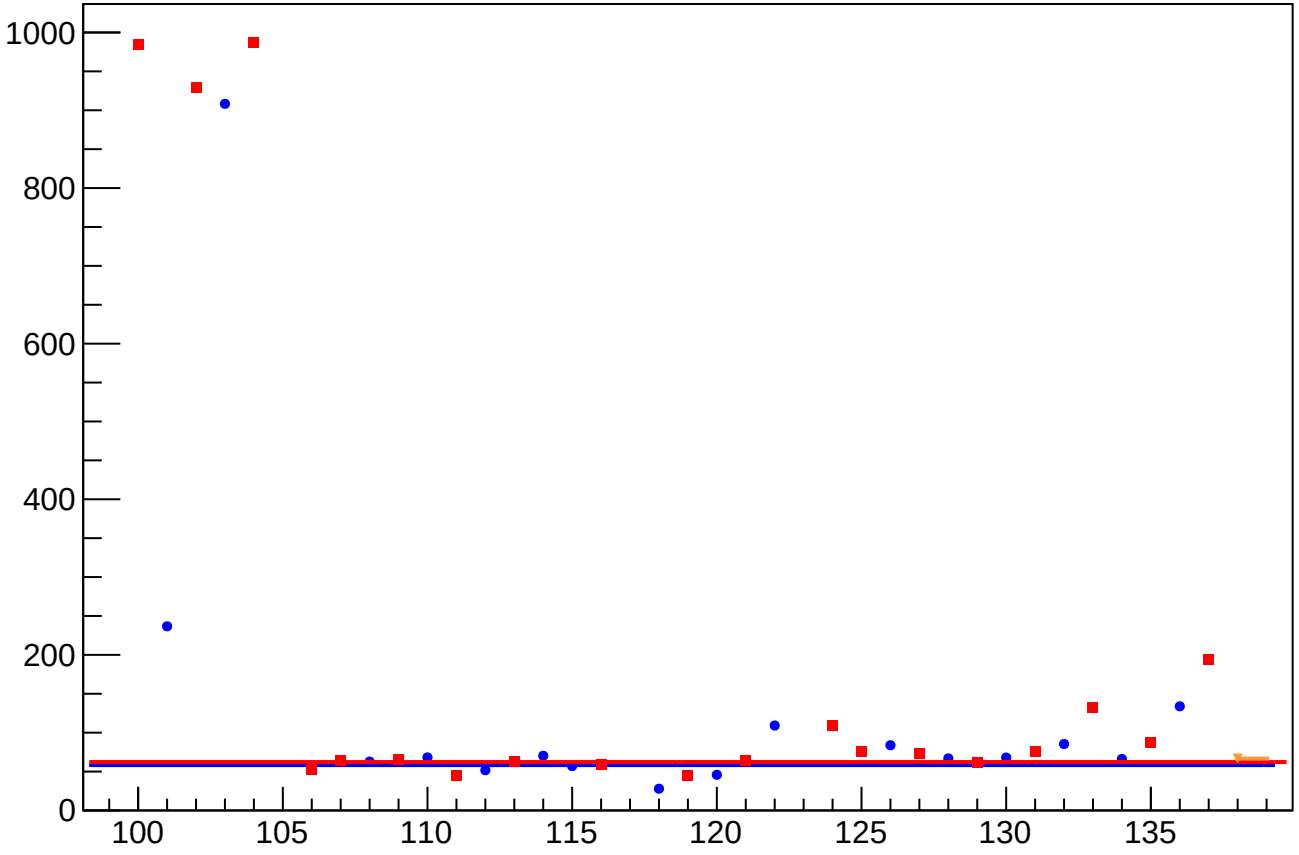
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.027 χ^2/NDF: 15.2/16

All: 0.021+/-0.019 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 58.313+/-0.020 χ^2/NDF: 3260404.3/15

Left Out: 66.659+/-0.062 χ^2/NDF:0.0/0

Right Out: 62.235+/-0.020 χ^2/NDF: 2627030.1/18

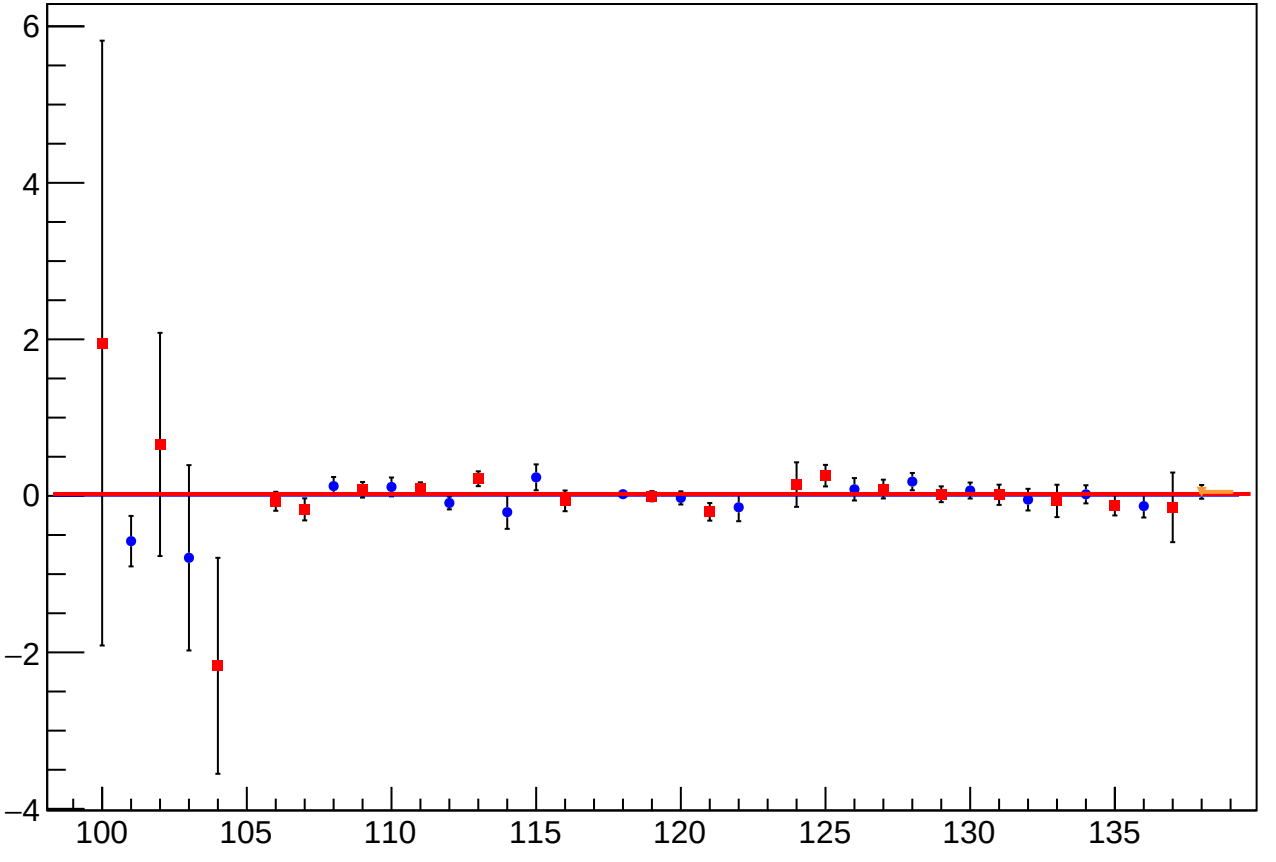
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.076+/-0.019 χ^2/NDF: 3276861.6/16

All: 60.569+/-0.014 χ^2/NDF: 5917293.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015+/-0.028 χ^2/NDF: 15.0/15

Left Out: 0.051+/-0.088 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.028 χ^2/NDF: 20.8/18

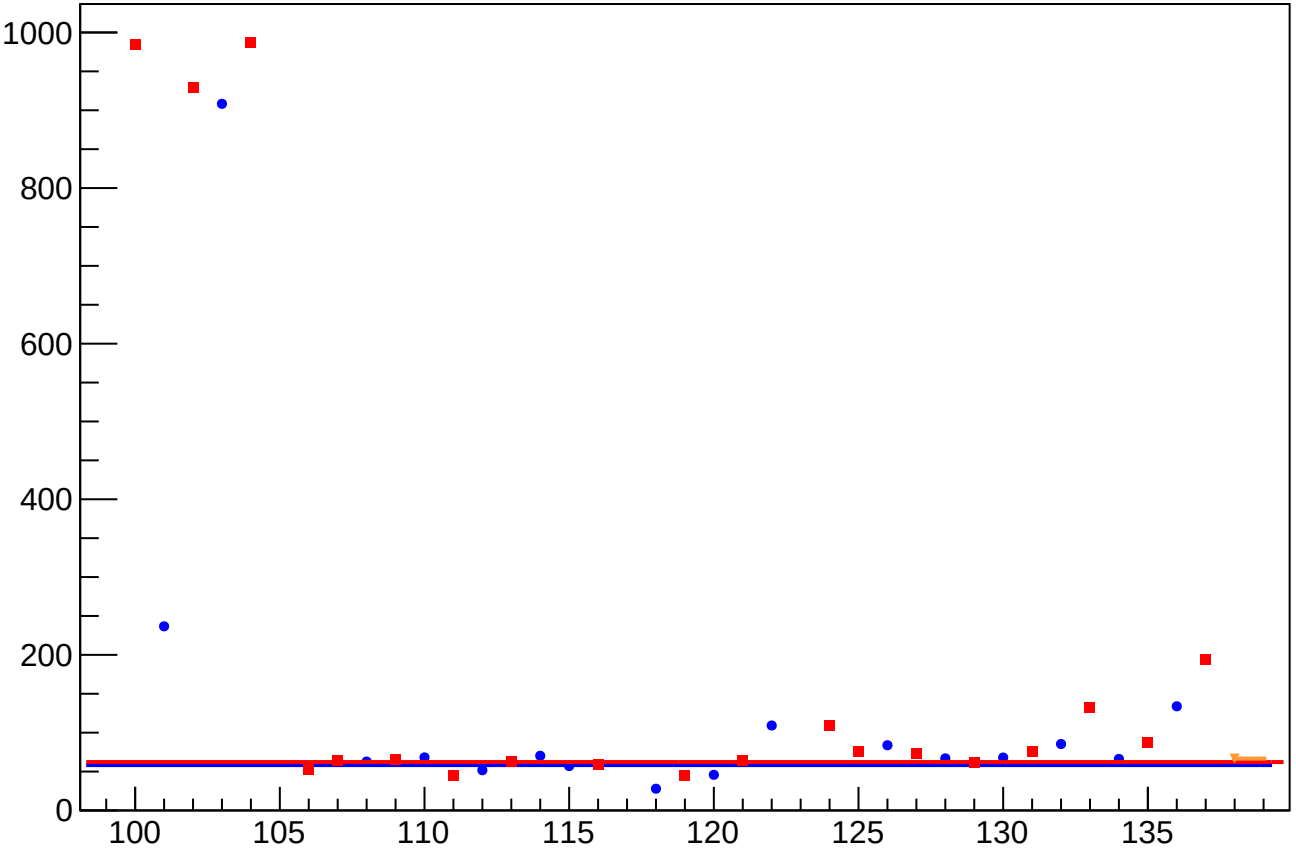
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.027 χ^2/NDF: 15.2/16

All: 0.021+/-0.019 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.313+/-0.020 χ^2/NDF: 3260404.3/15

Left Out: 66.659+/-0.062 χ^2/NDF:0.0/0

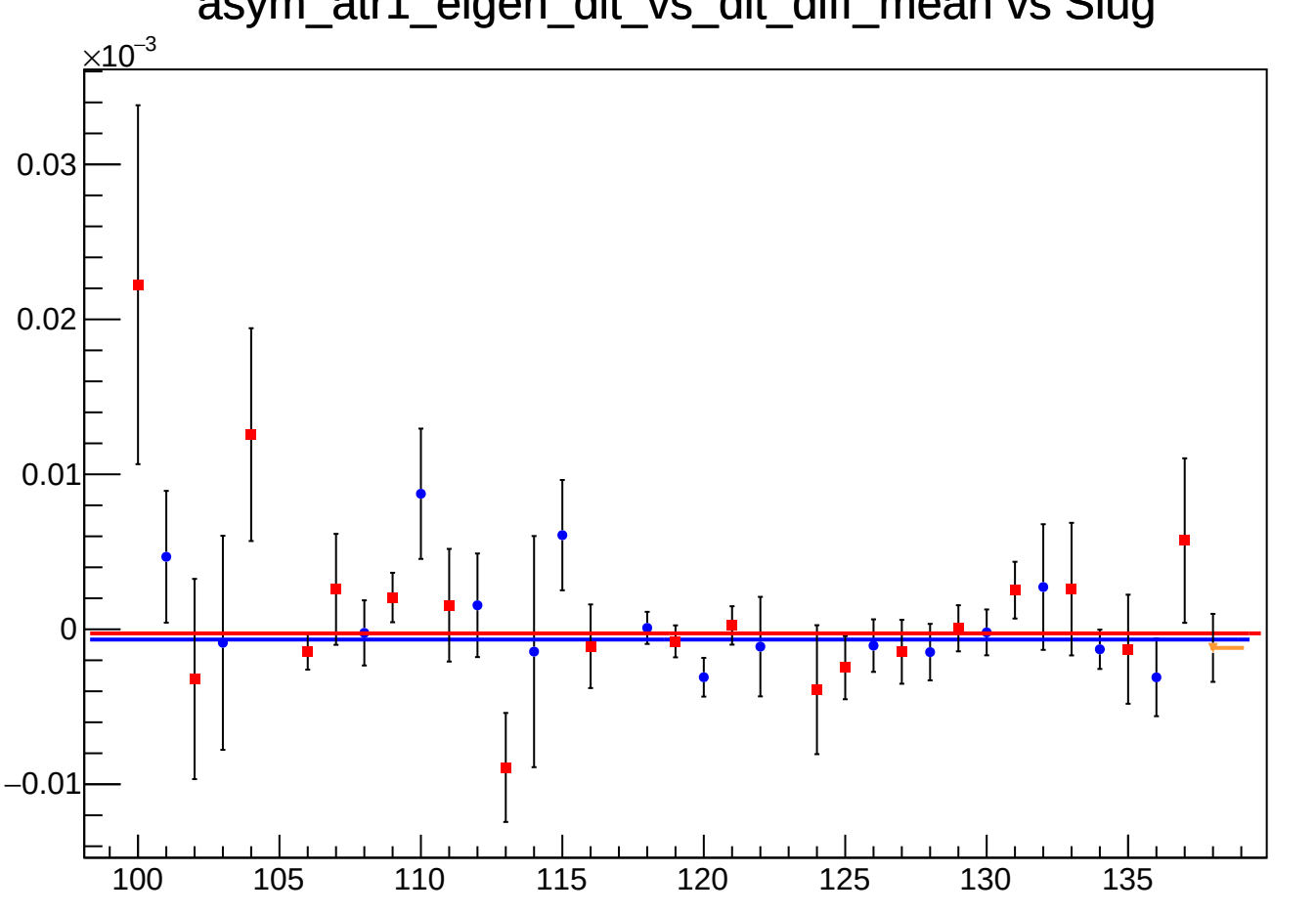
Right Out: 62.235+/-0.020 χ^2/NDF: 2627030.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.076+/-0.019 χ^2/NDF: 3276861.6/16

All: 60.569+/-0.014 χ^2/NDF: 5917293.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

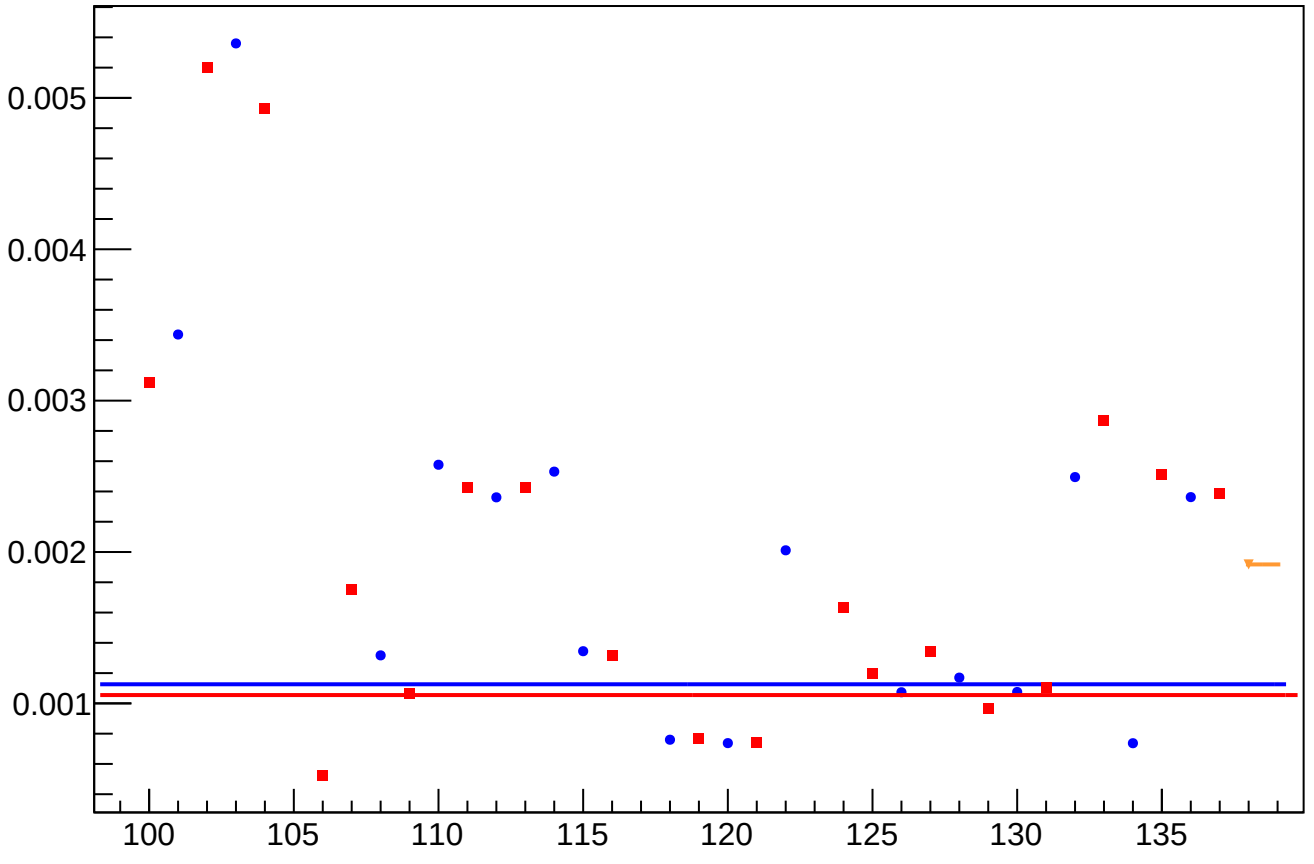
Right Out: -0.000+/-0.000 χ^2/NDF: 24.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.3/16

All: -0.000+/-0.000 χ^2/NDF: 42.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 3453081.7/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF: 3848500.2/18

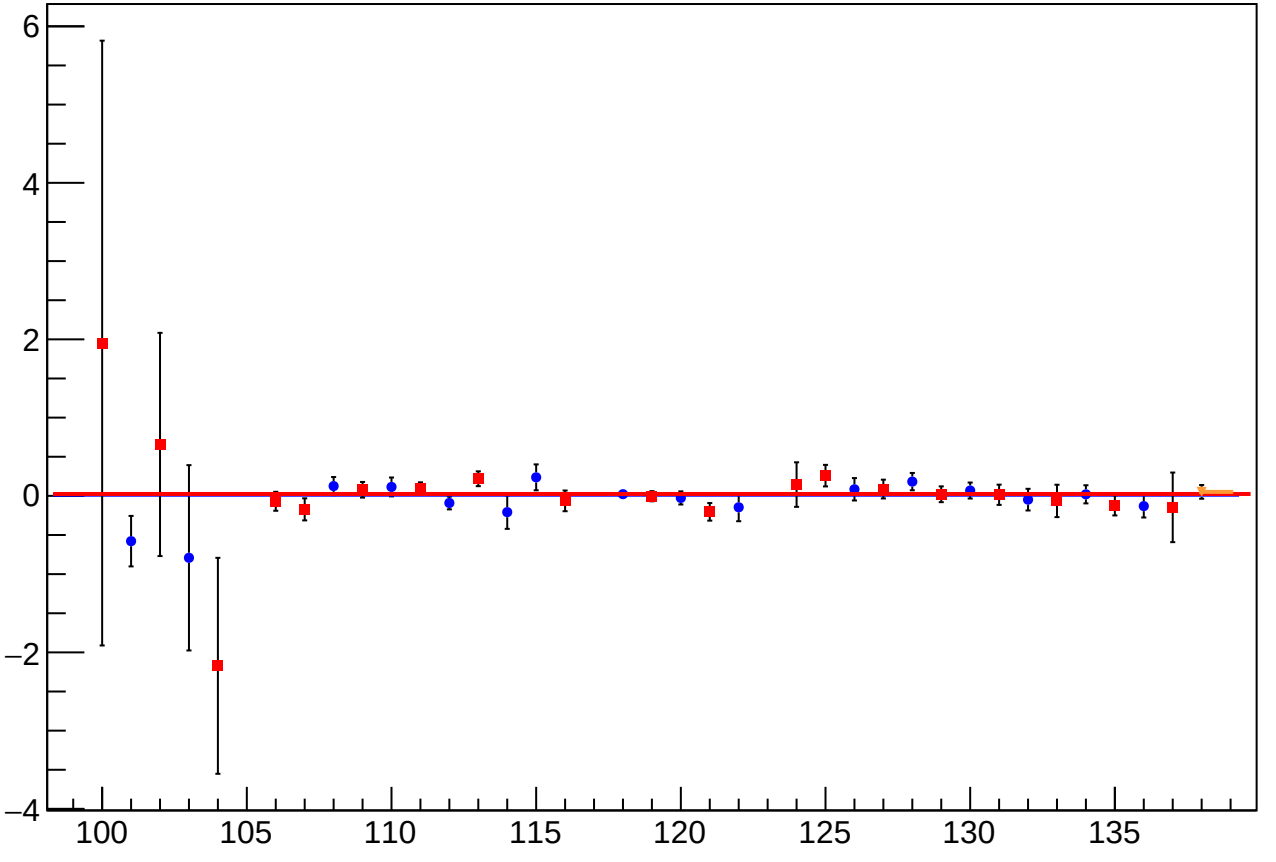
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 3701104.6/16

All: 0.001+/-0.000 χ^2/NDF: 7602869.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.015+/-0.028 χ^2/NDF: 15.0/15

Left Out: 0.051+/-0.088 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.028 χ^2/NDF: 20.8/18

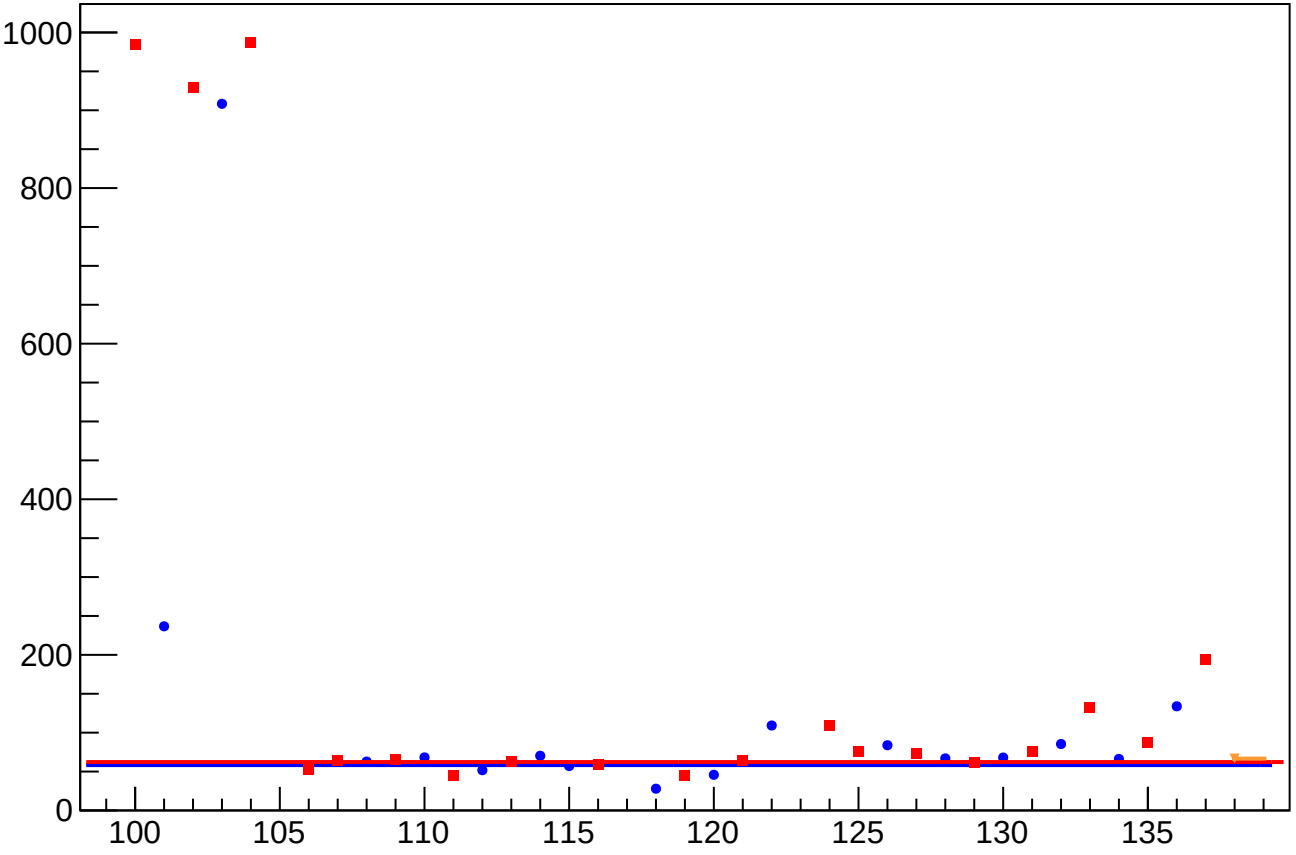
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.027 χ^2/NDF: 15.2/16

All: 0.021+/-0.019 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.312+/-0.020 χ^2/NDF: 3260484.2/15

Left Out: 66.659+/-0.062 χ^2/NDF:0.0/0

Right Out: 62.235+/-0.020 χ^2/NDF: 2627022.3/18

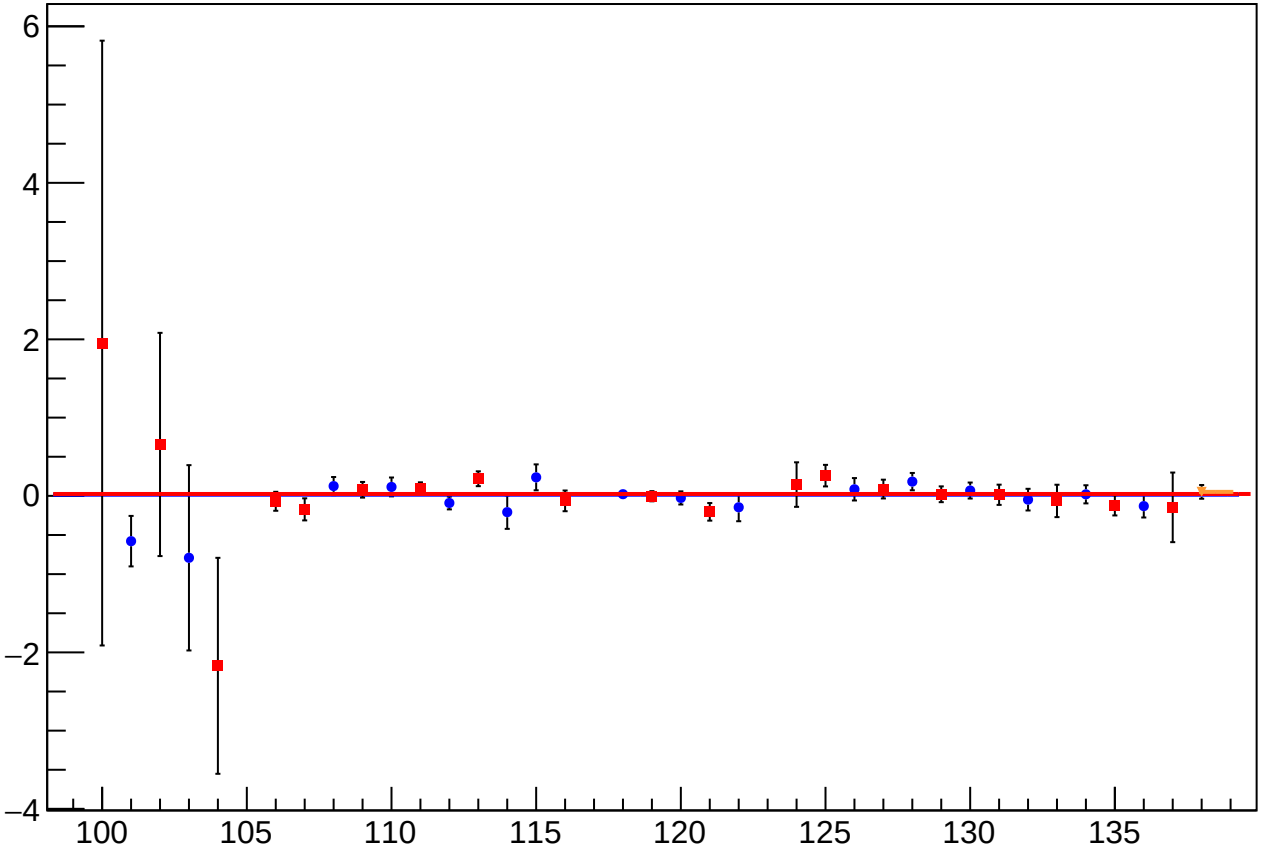
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.075+/-0.019 χ^2/NDF: 3276941.8/16

All: 60.569+/-0.014 χ^2/NDF: 5917371.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015+/-0.028 χ^2/NDF: 15.0/15

Left Out: 0.051+/-0.088 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.028 χ^2/NDF: 20.8/18

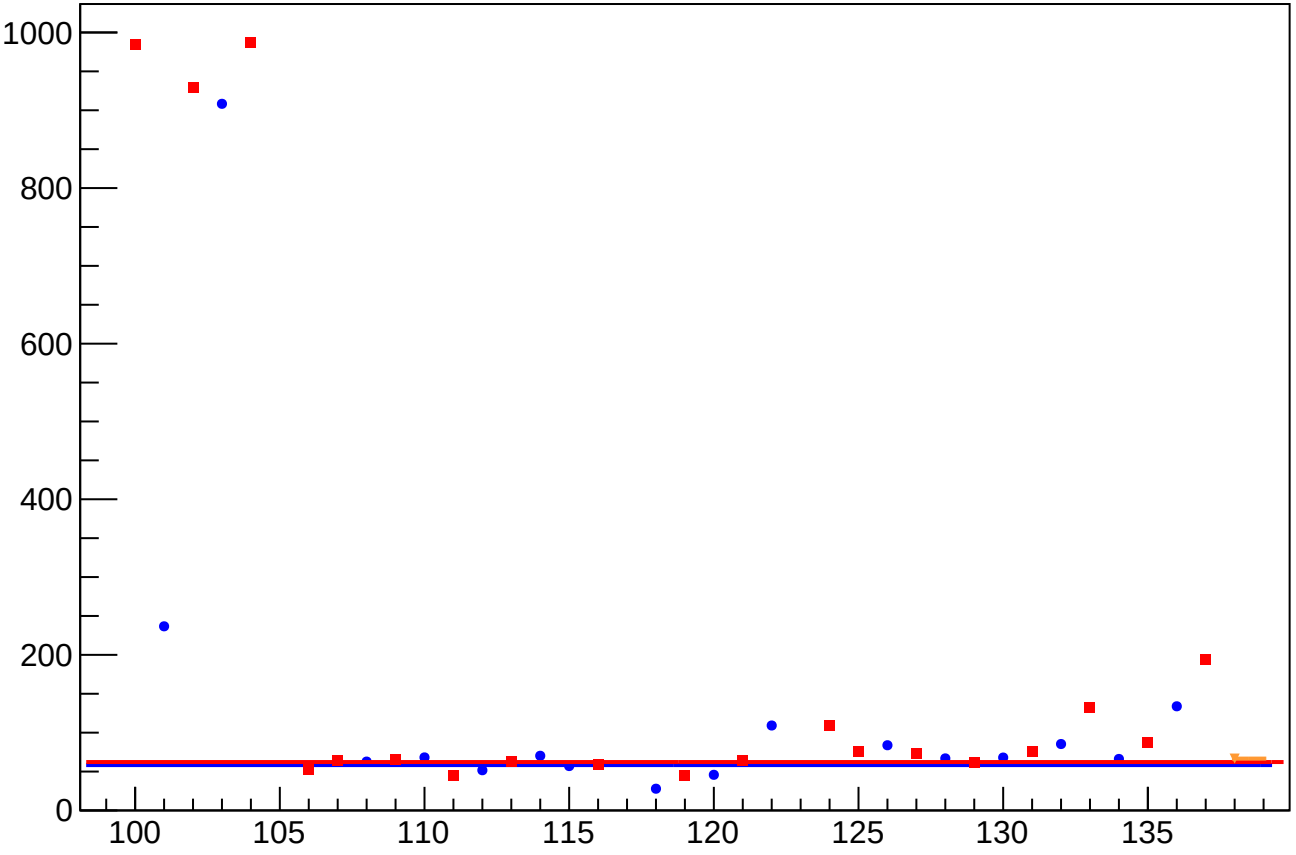
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.027 χ^2/NDF: 15.2/16

All: 0.021+/-0.019 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.312+/-0.020 χ^2/NDF: 3260484.2/15

Left Out: 66.659+/-0.062 χ^2/NDF:0.0/0

Right Out: 62.235+/-0.020 χ^2/NDF: 2627022.3/18

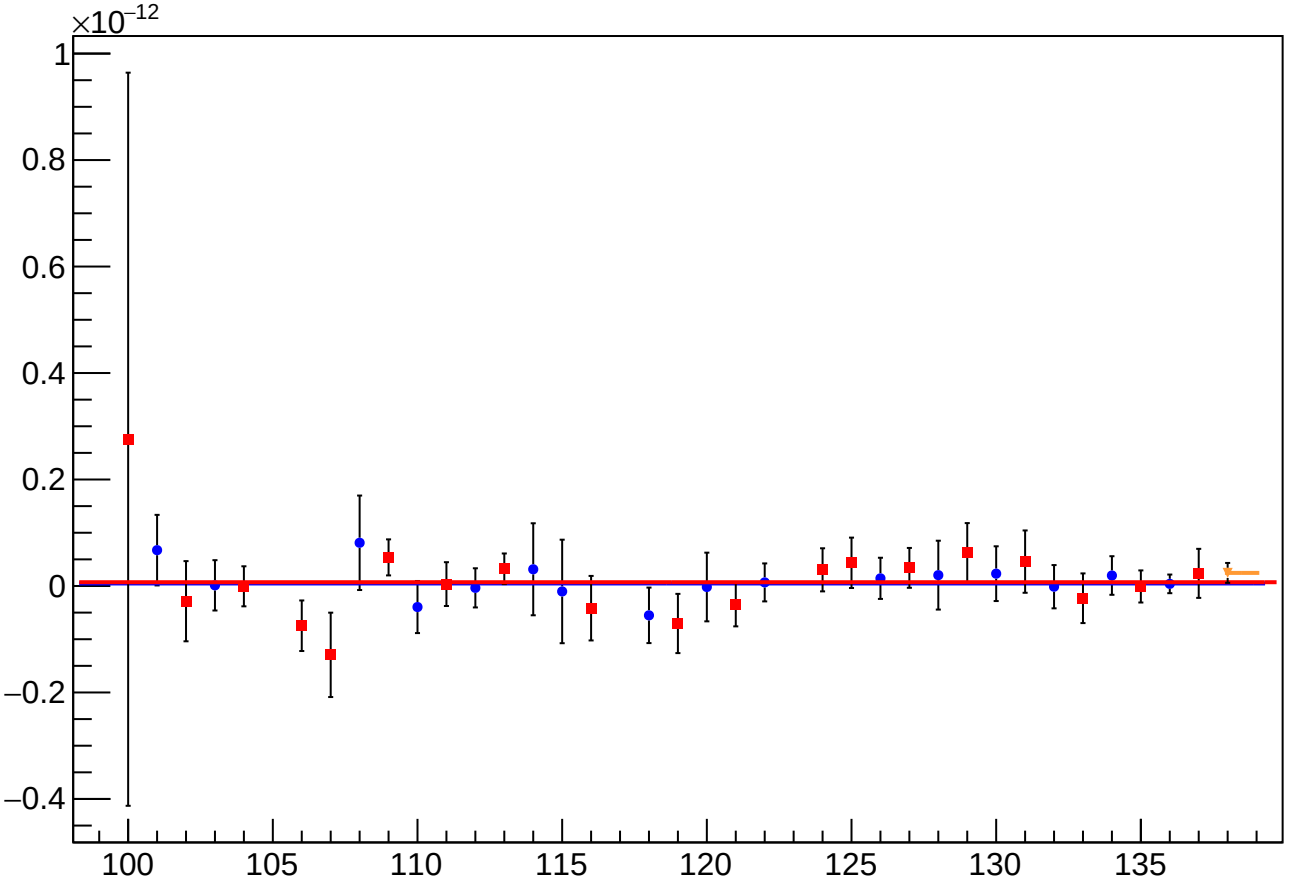
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.075+/-0.019 χ^2/NDF: 3276941.8/16

All: 60.569+/-0.014 χ^2/NDF: 5917371.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

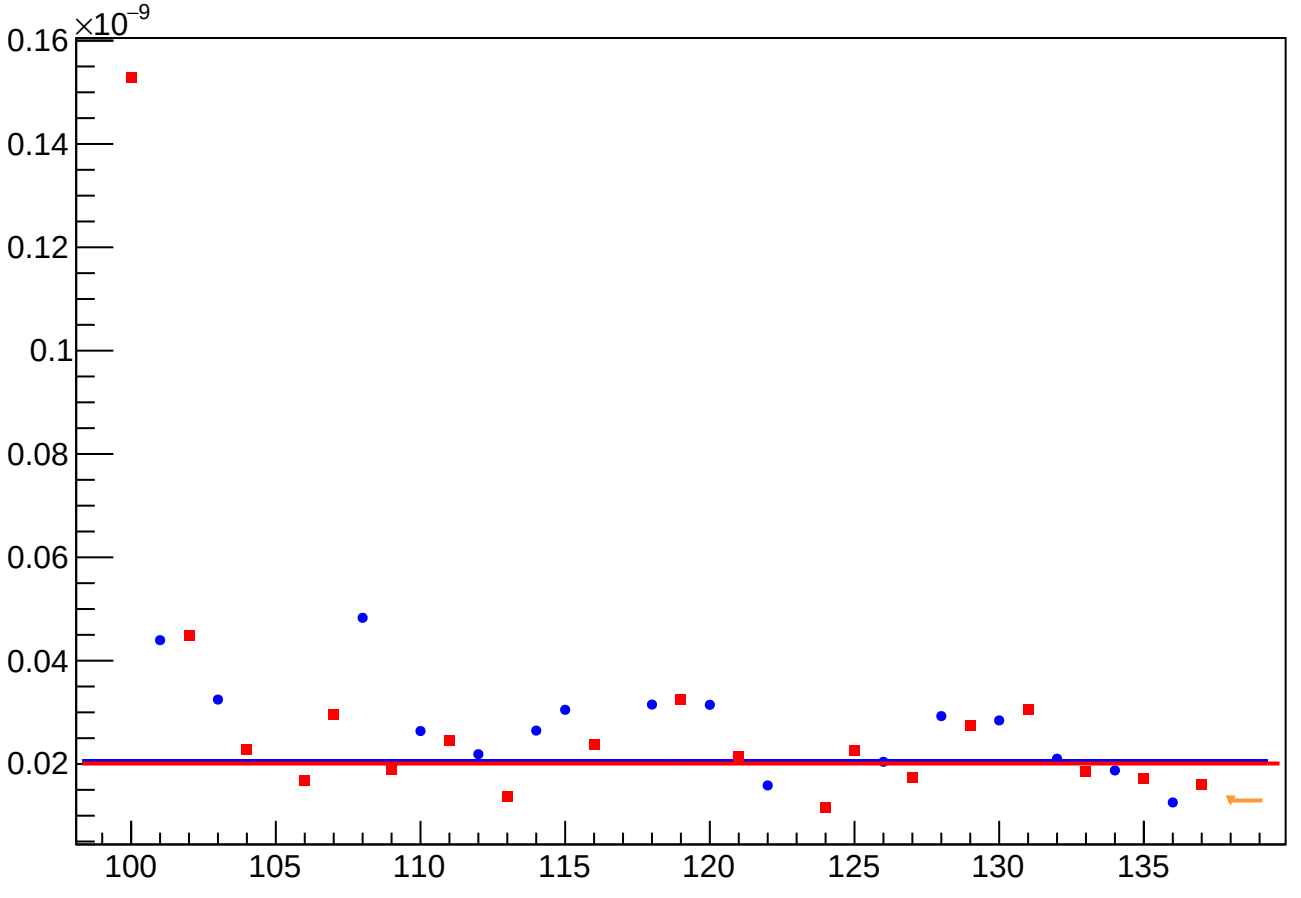
Right Out: 0.000+/-0.000 χ^2/NDF: 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 5.3/16

All: 0.000+/-0.000 χ^2/NDF: 21.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1319631.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

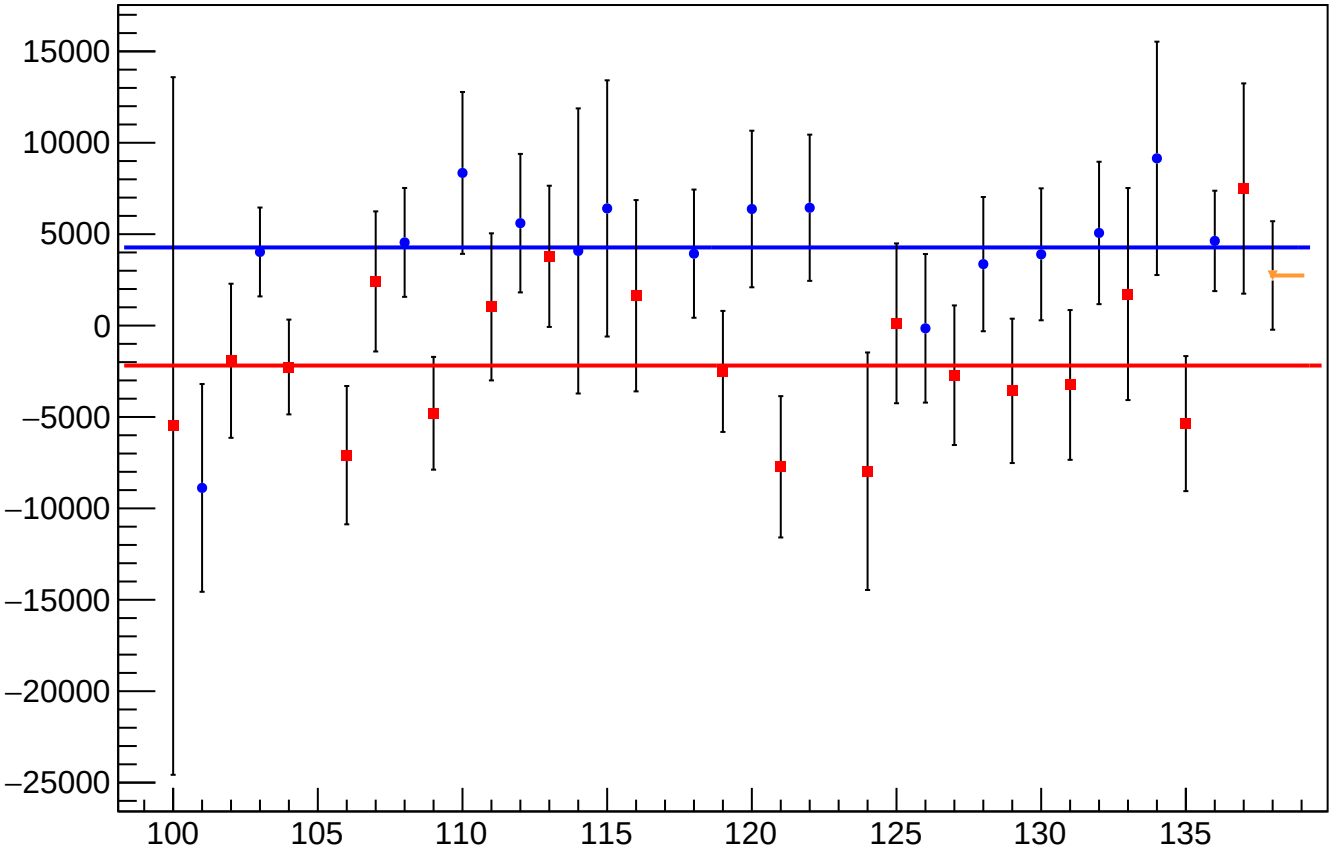
Right Out: 0.000+/-0.000 χ^2/NDF: 812191.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1576262.8/16

All: 0.000+/-0.000 χ^2/NDF: 2406473.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4274.393+/-951.956 χ^2/NDF: 8.9/15

Left Out: 2741.049+/-2967.929 χ^2/NDF:0.0/0

Right Out: -2186.264+/-922.104 χ^2/NDF: 14.8/18

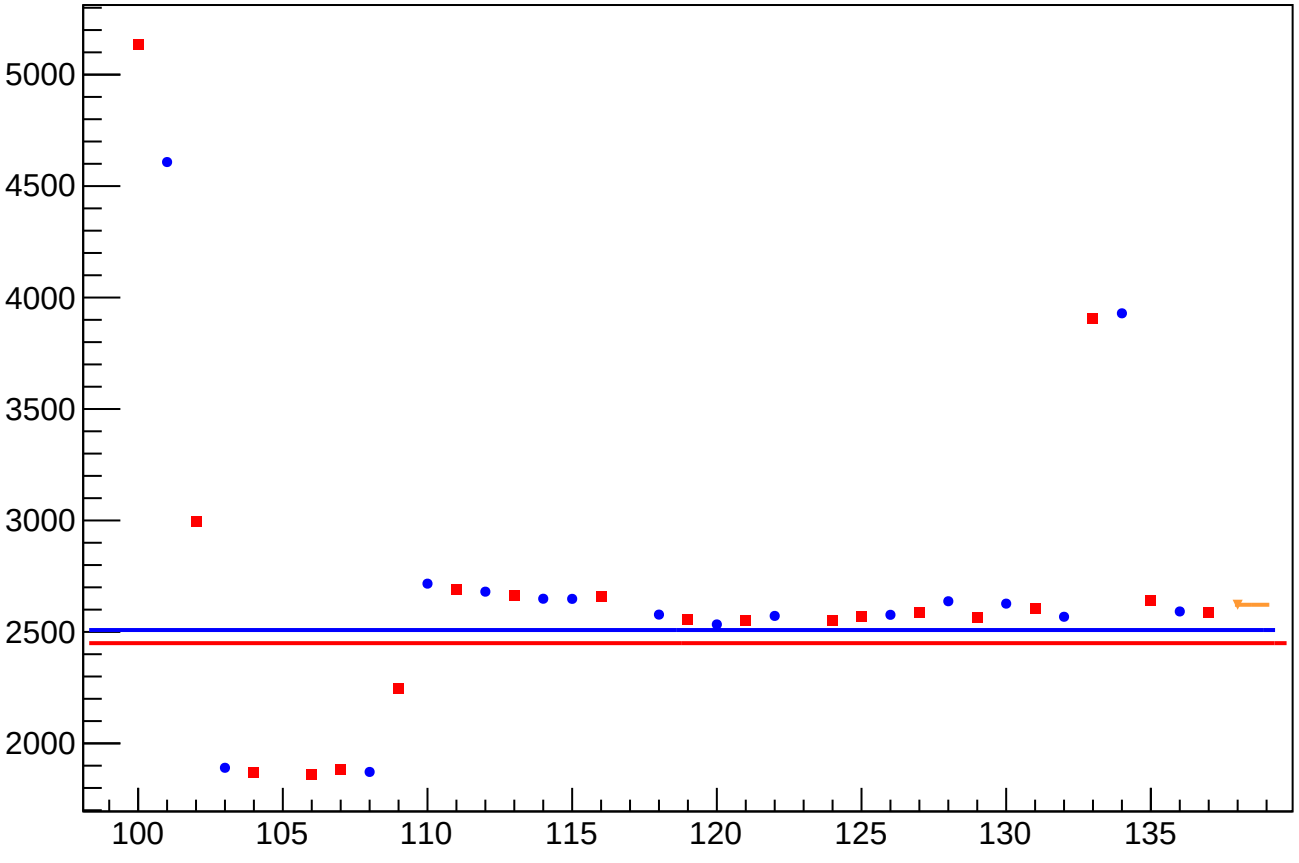
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4131.359+/-906.469 χ^2/NDF: 9.1/16

All: 1026.562+/-646.427 χ^2/NDF: 47.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2508.466+/-0.673 χ^2/NDF: 611589.6/15

Left Out: 2621.833+/-2.099 χ^2/NDF:0.0/0

Right Out: 2449.623+/-0.652 χ^2/NDF: 436901.0/18

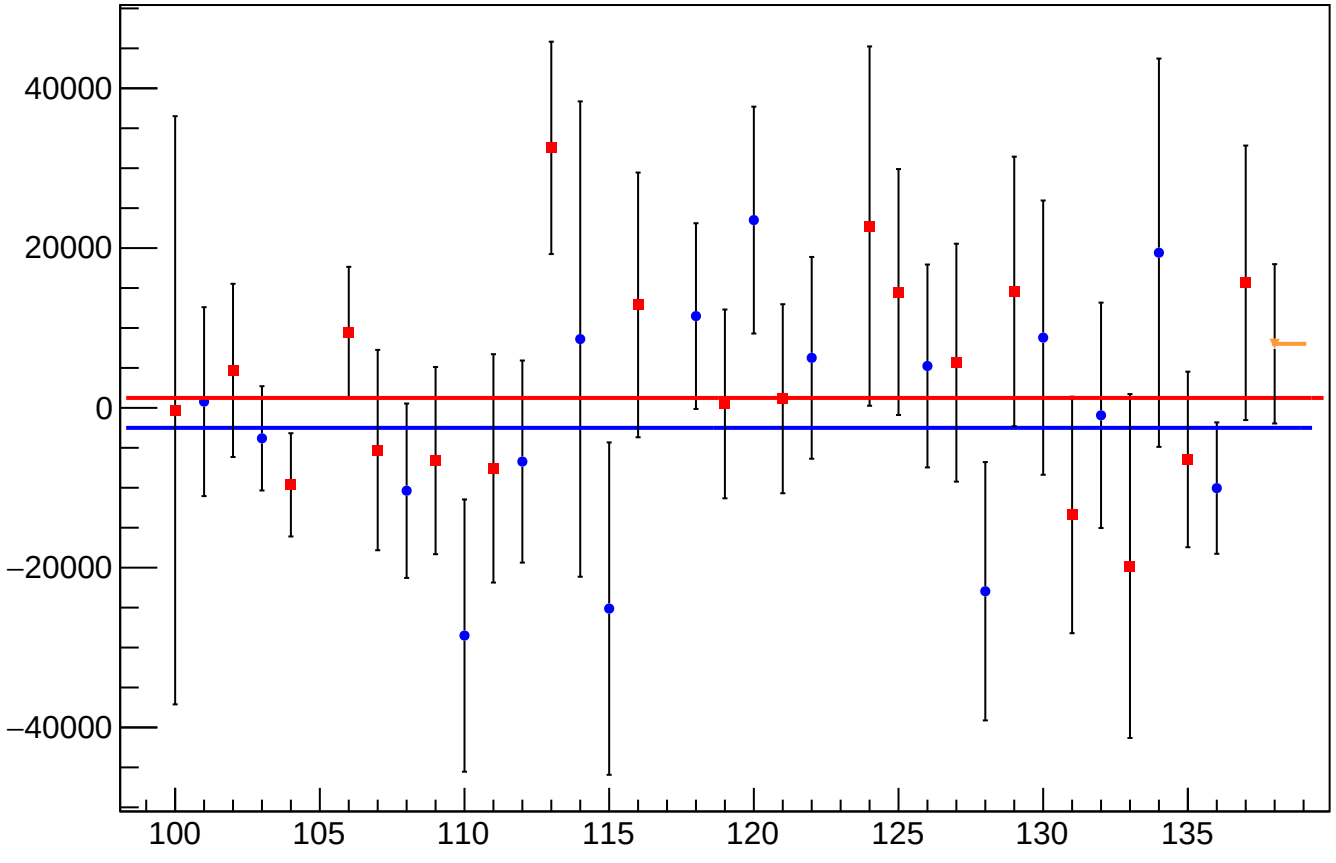
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2519.042+/-0.641 χ^2/NDF: 614235.5/16

All: 2484.926+/-0.457 χ^2/NDF: 1056901.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_reg_correction_mean vs Slug



Right In: -2500.602+/-3075.580 χ^2/NDF: 13.8/15

Left Out: 8018.876+/-9969.517 χ^2/NDF:0.0/0

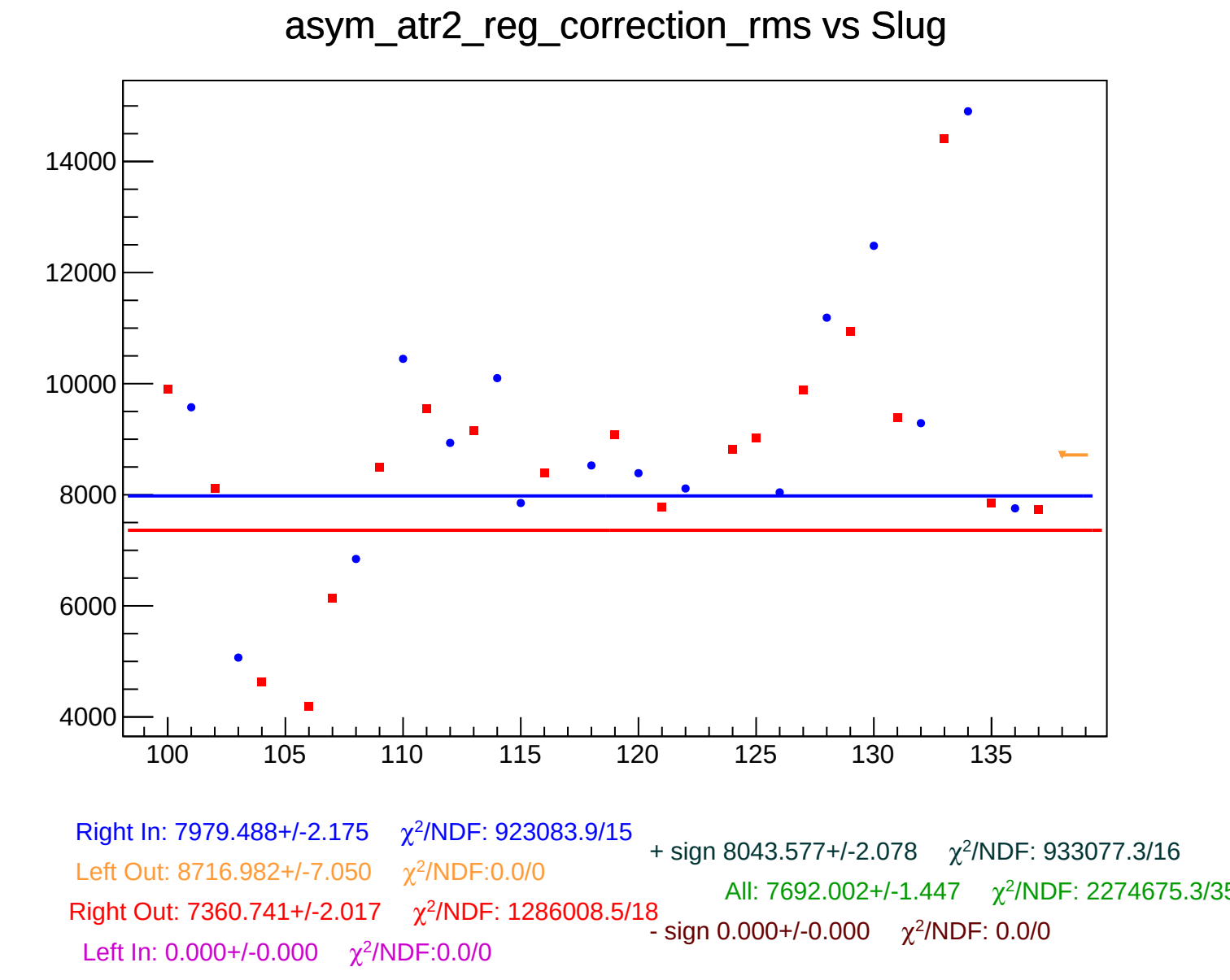
Right Out: 1244.352+/-2852.739 χ^2/NDF: 16.6/18

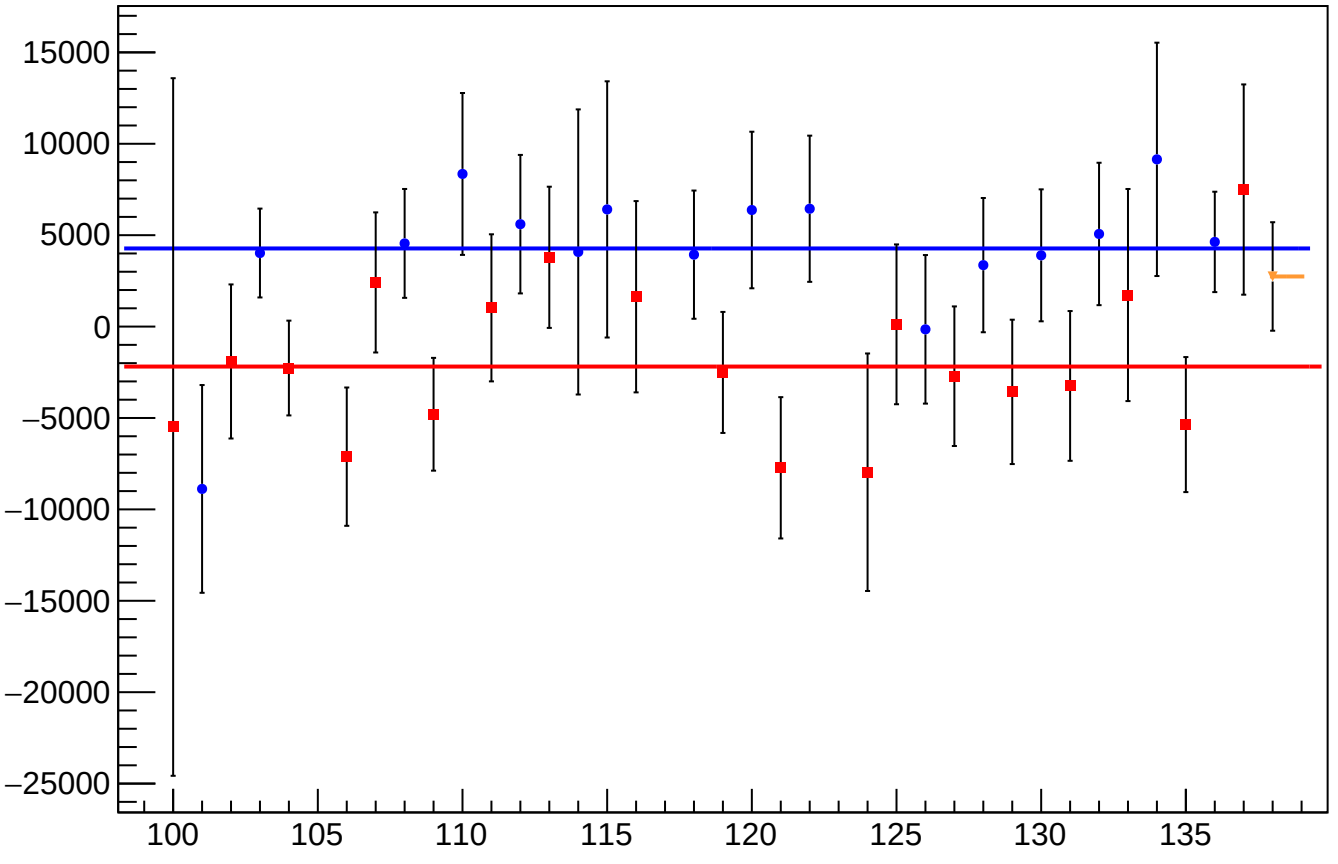
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1586.451+/-2938.908 χ^2/NDF: 14.8/16

All: -128.942+/-2046.977 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr2_reg_correction_rms vs Slug
14000
12000
10000
8000
6000
4000
100
105
110
115
120
125
130
135
Right In: 7979.488+/-2.175 χ²/NDF: 923083.9/15
Left Out: 8716.982+/-7.050 χ²/NDF:0.0/0
Right Out: 7360.741+/-2.017 χ²/NDF: 1286008.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 8043.577+/-2.078 χ²/NDF: 933077.3/16
All: 7692.002+/-1.447 χ²/NDF: 2274675.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 4273.903+/-951.956 χ^2/NDF: 8.9/15

Left Out: 2741.119+/-2967.929 χ^2/NDF:0.0/0

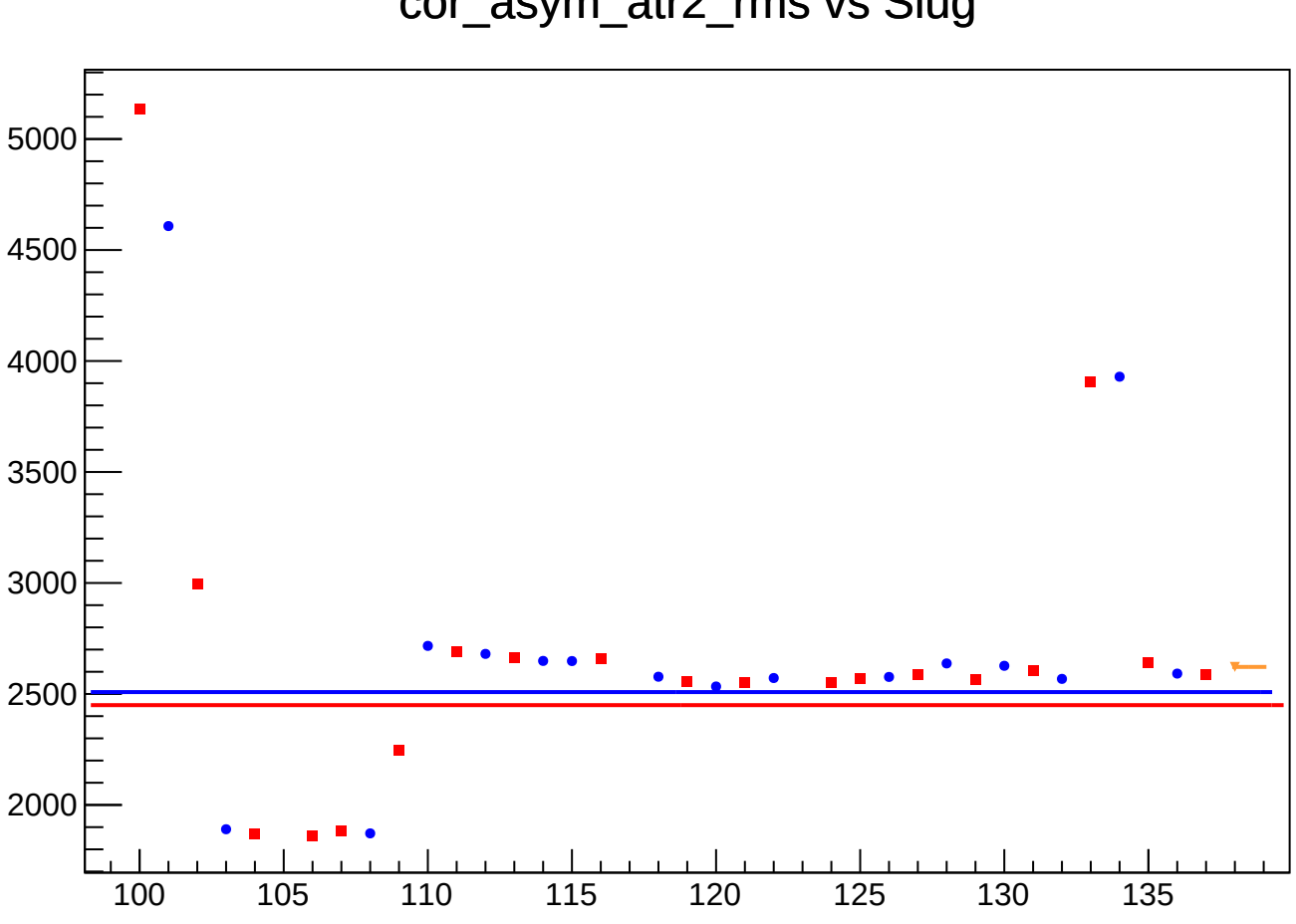
Right Out: -2186.887+/-922.111 χ^2/NDF: 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4130.921+/-906.469 χ^2/NDF: 9.1/16

All: 1026.058+/-646.430 χ^2/NDF: 47.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2508.467+/-0.673 χ^2/NDF: 611587.4/15

Left Out: 2621.833+/-2.099 χ^2/NDF:0.0/0

Right Out: 2449.647+/-0.652 χ^2/NDF: 436846.6/18

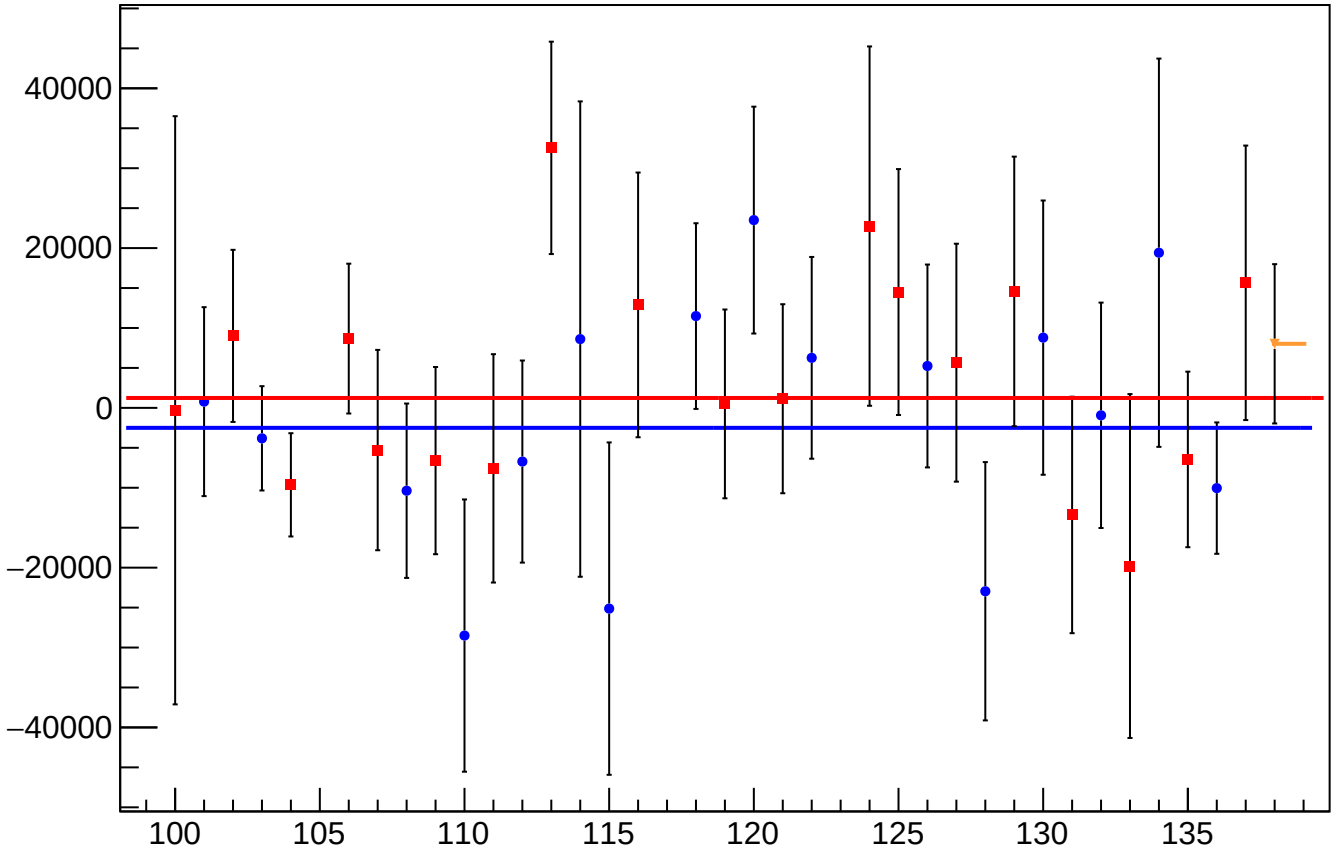
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2519.043+/-0.641 χ^2/NDF: 614233.3/16

All: 2484.938+/-0.457 χ^2/NDF: 1056840.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_cor_correction_mean vs Slug



Right In: -2500.380+/-3075.668 χ^2/NDF: 13.8/15

Left Out: 8018.977+/-9969.504 χ^2/NDF:0.0/0

Right Out: 1239.896+/-2893.464 χ^2/NDF: 16.6/18

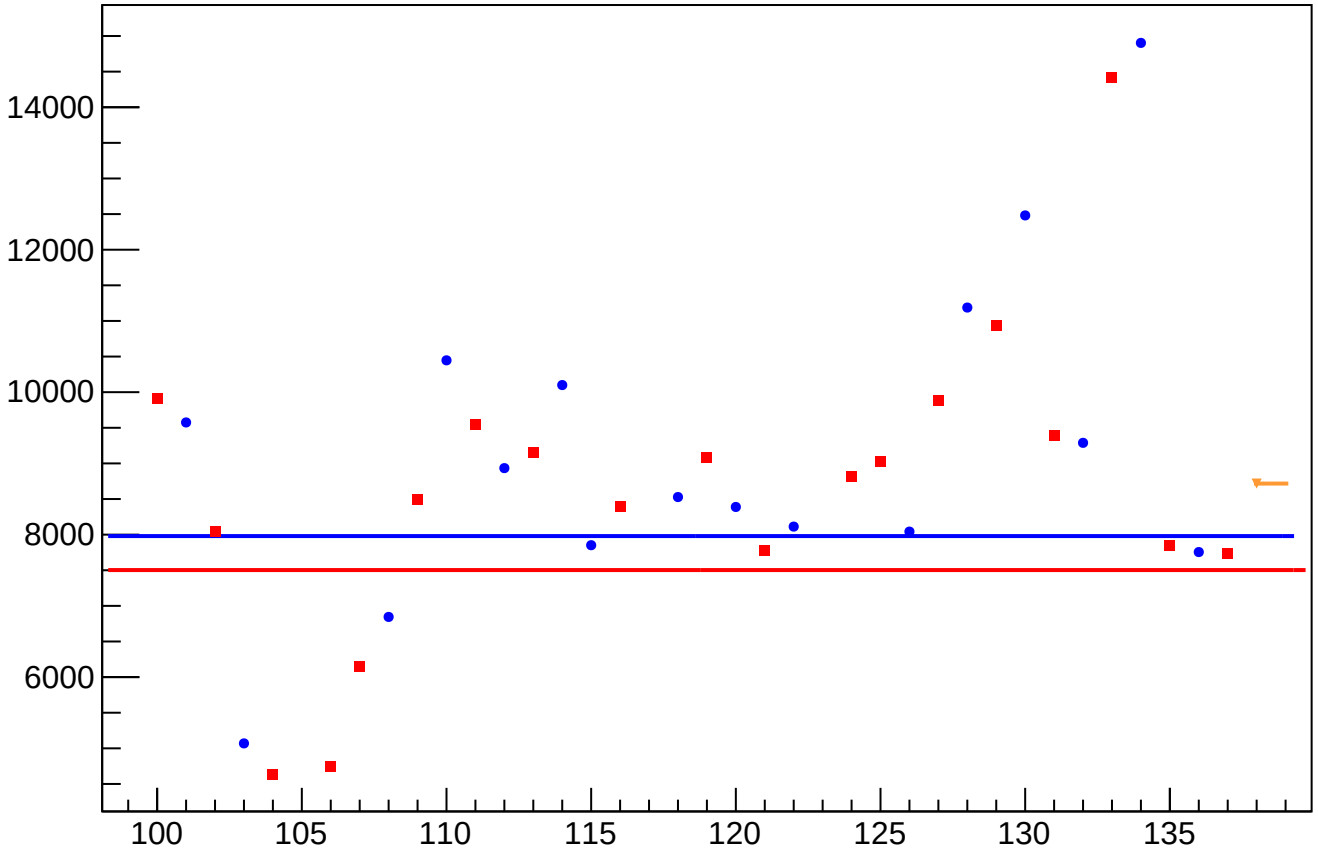
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1586.189+/-2938.984 χ^2/NDF: 14.8/16

All: -151.091+/-2061.894 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 7979.812+/-2.175 χ^2/NDF: 922785.4/15

Left Out: 8716.970+/-7.050 χ^2/NDF:0.0/0

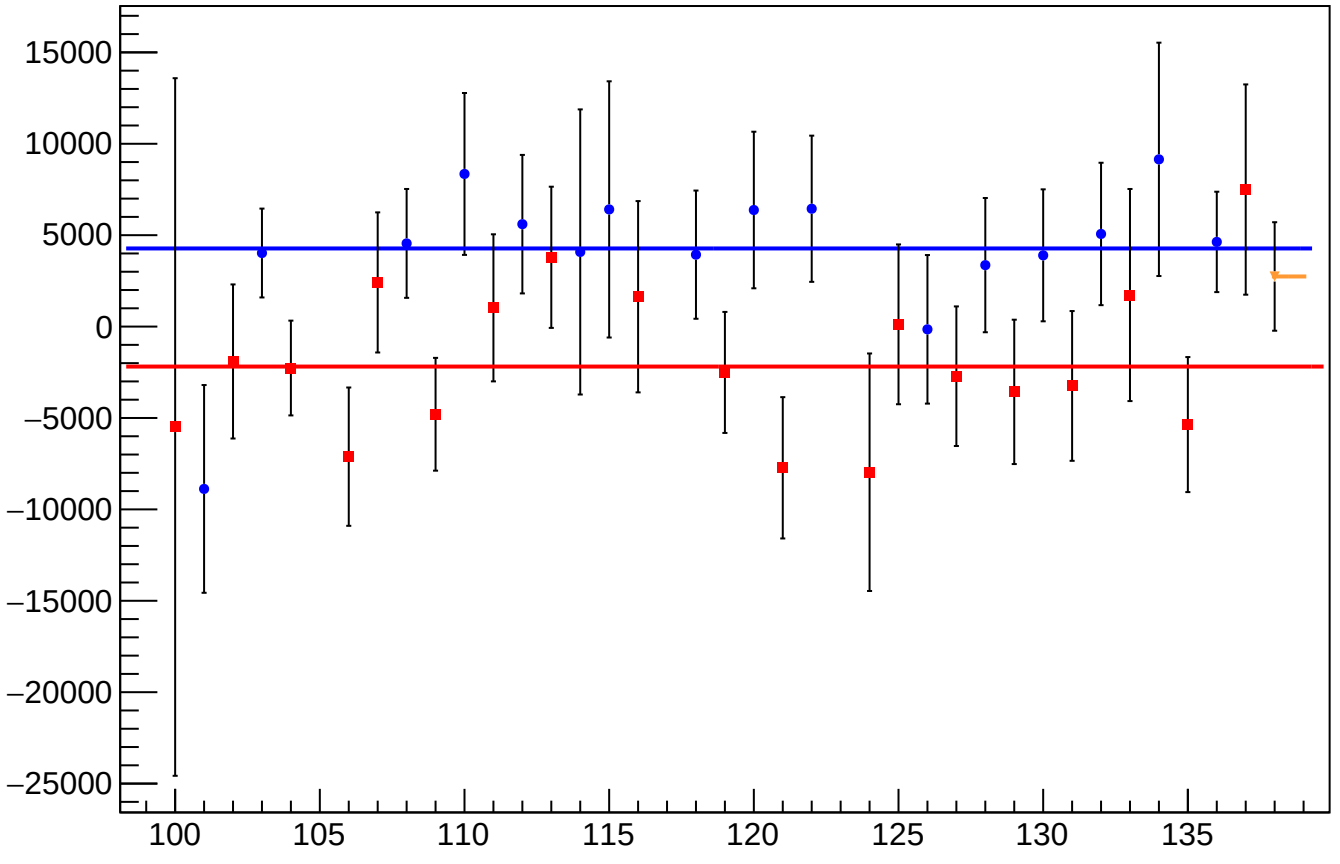
Right Out: 7502.685+/-2.046 χ^2/NDF: 1135523.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8043.875+/-2.078 χ^2/NDF: 932769.7/16

All: 7769.056+/-1.458 χ^2/NDF: 2102730.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4273.903+/-951.956 χ^2/NDF: 8.9/15

Left Out: 2741.119+/-2967.929 χ^2/NDF:0.0/0

Right Out: -2186.887+/-922.111 χ^2/NDF: 14.8/18

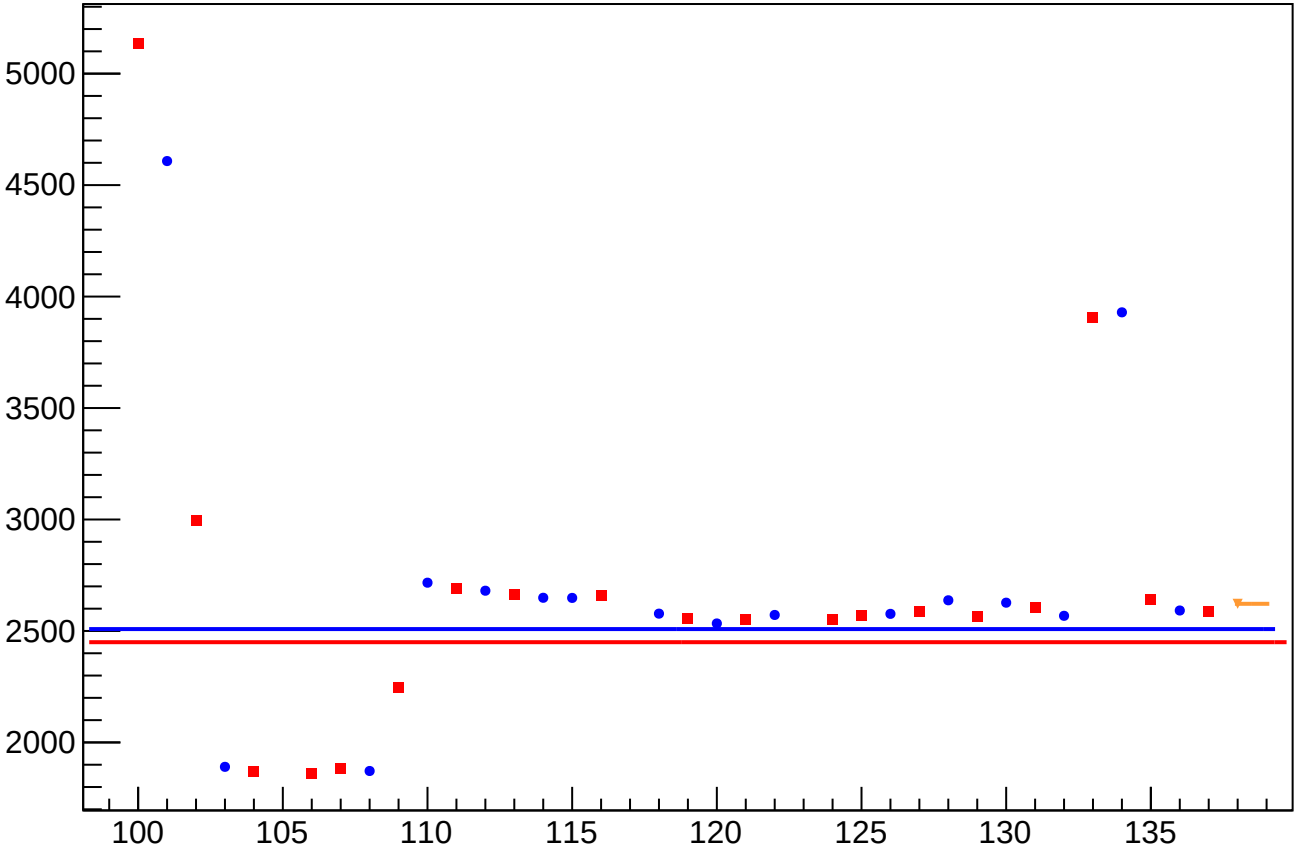
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4130.921+/-906.469 χ^2/NDF: 9.1/16

All: 1026.058+/-646.430 χ^2/NDF: 47.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr2_rms vs Slug



Right In: 2508.467+/-0.673 χ^2/NDF: 611587.4/15

Left Out: 2621.833+/-2.099 χ^2/NDF:0.0/0

Right Out: 2449.647+/-0.652 χ^2/NDF: 436846.6/18

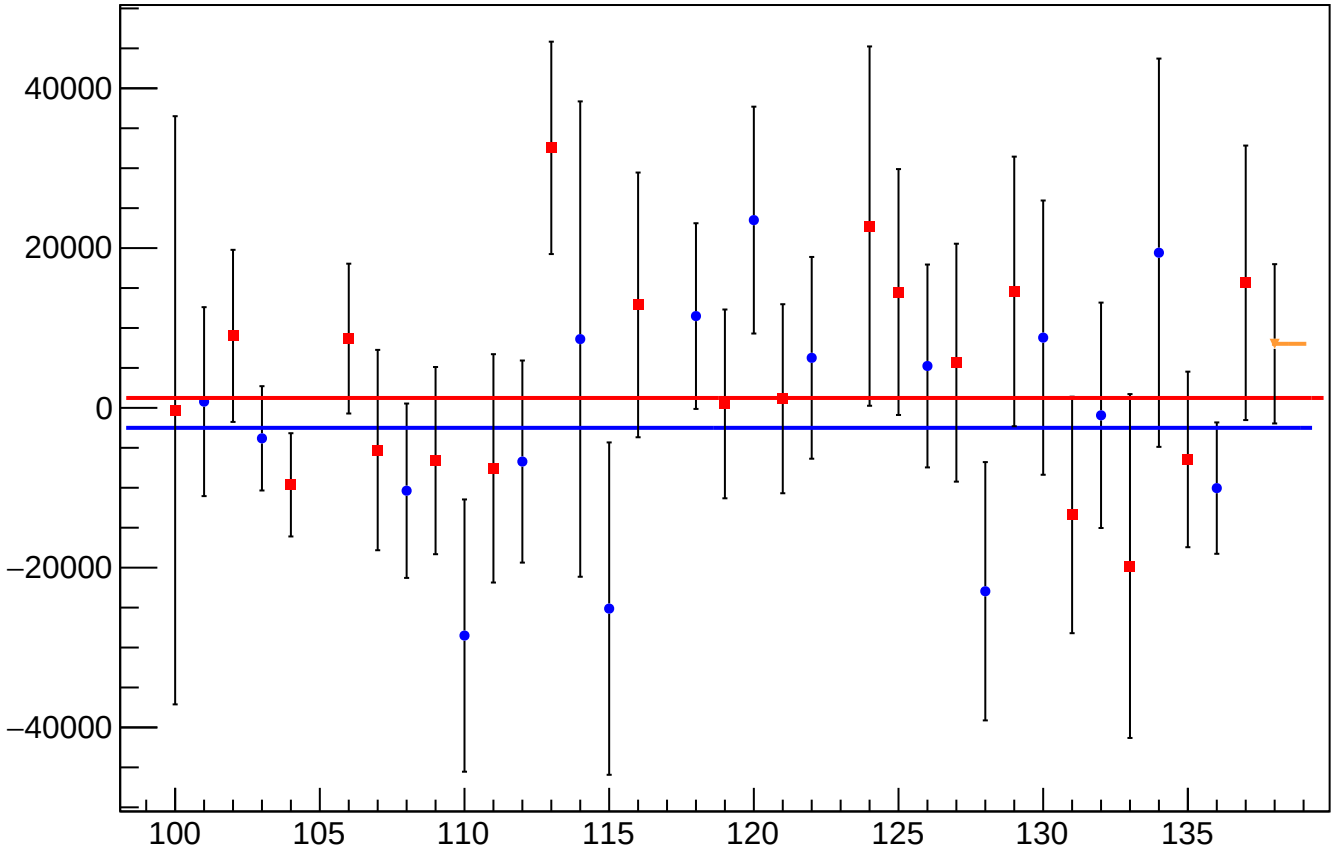
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2519.043+/-0.641 χ^2/NDF: 614233.3/16

All: 2484.938+/-0.457 χ^2/NDF: 1056840.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -2500.380+/-3075.668 χ^2/NDF: 13.8/15

Left Out: 8018.977+/-9969.504 χ^2/NDF:0.0/0

Right Out: 1239.896+/-2893.464 χ^2/NDF: 16.6/18

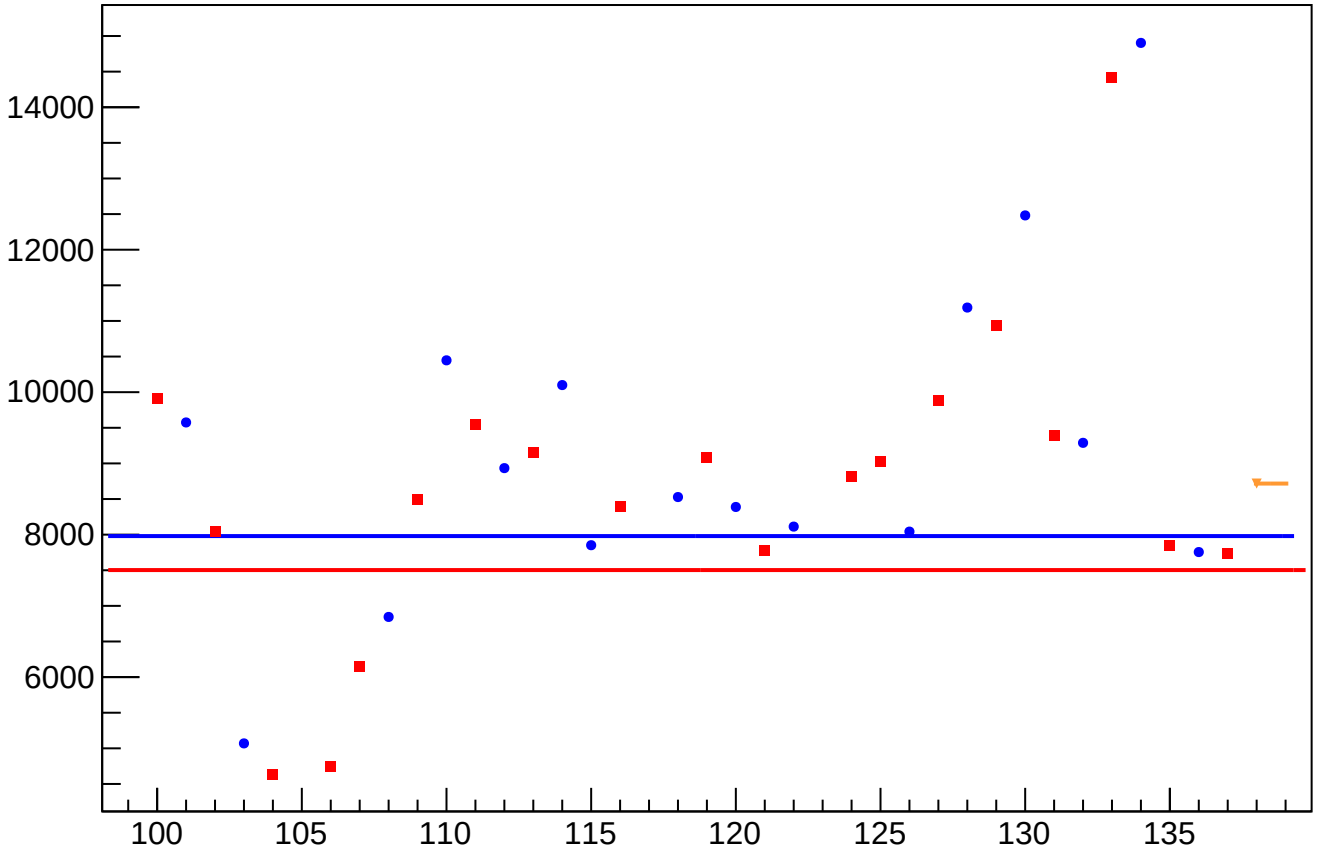
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1586.189+/-2938.984 χ^2/NDF: 14.8/16

All: -151.091+/-2061.894 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 7979.812+/-2.175 χ^2/NDF: 922785.4/15

Left Out: 8716.970+/-7.050 χ^2/NDF:0.0/0

Right Out: 7502.685+/-2.046 χ^2/NDF: 1135523.5/18

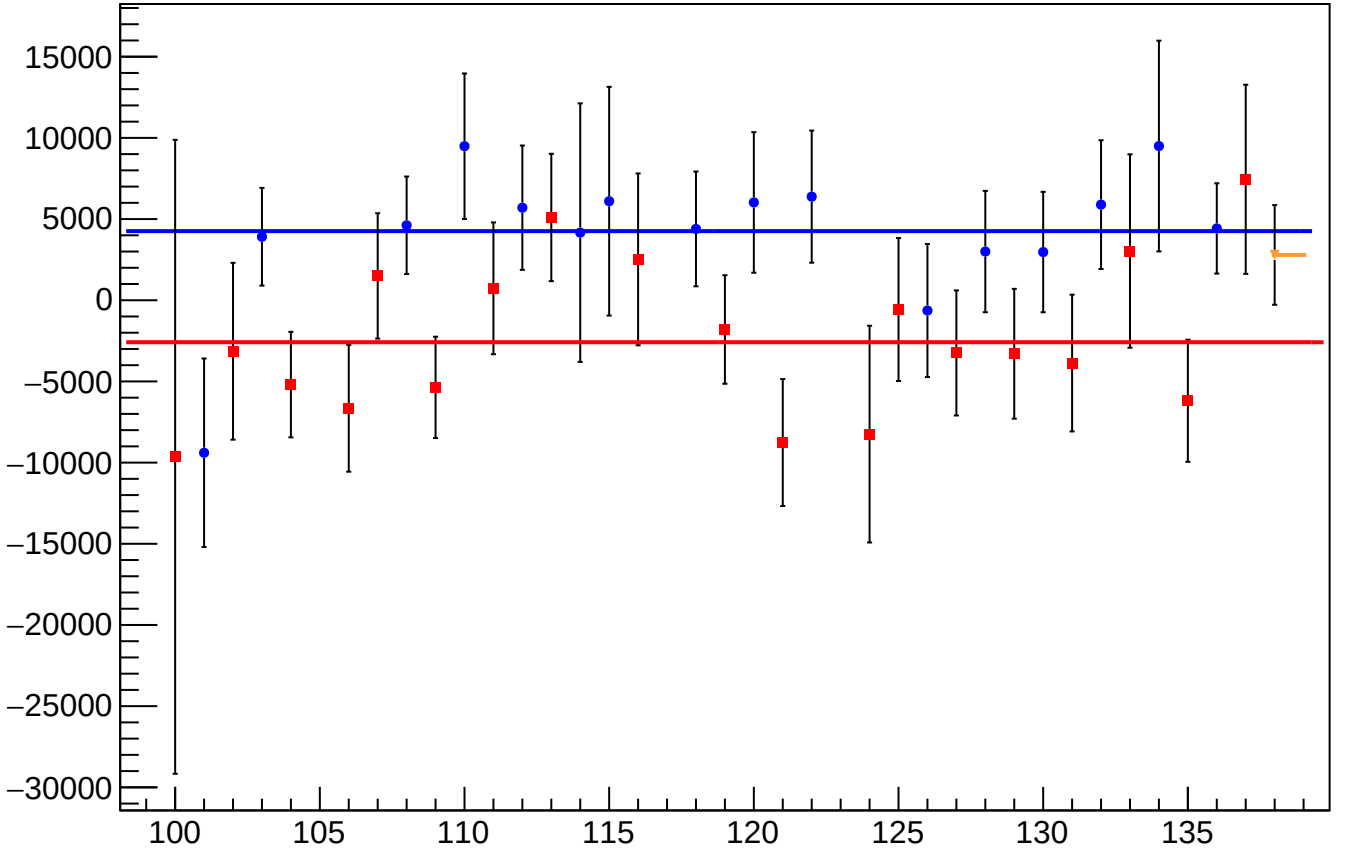
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8043.875+/-2.078 χ^2/NDF: 932769.7/16

All: 7769.056+/-1.458 χ^2/NDF: 2102730.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 4256.977+/-990.542 χ^2/NDF: 10.1/15

Left Out: 2791.337+/-3069.690 χ^2/NDF:0.0/0

Right Out: -2584.689+/-966.049 χ^2/NDF: 17.6/18

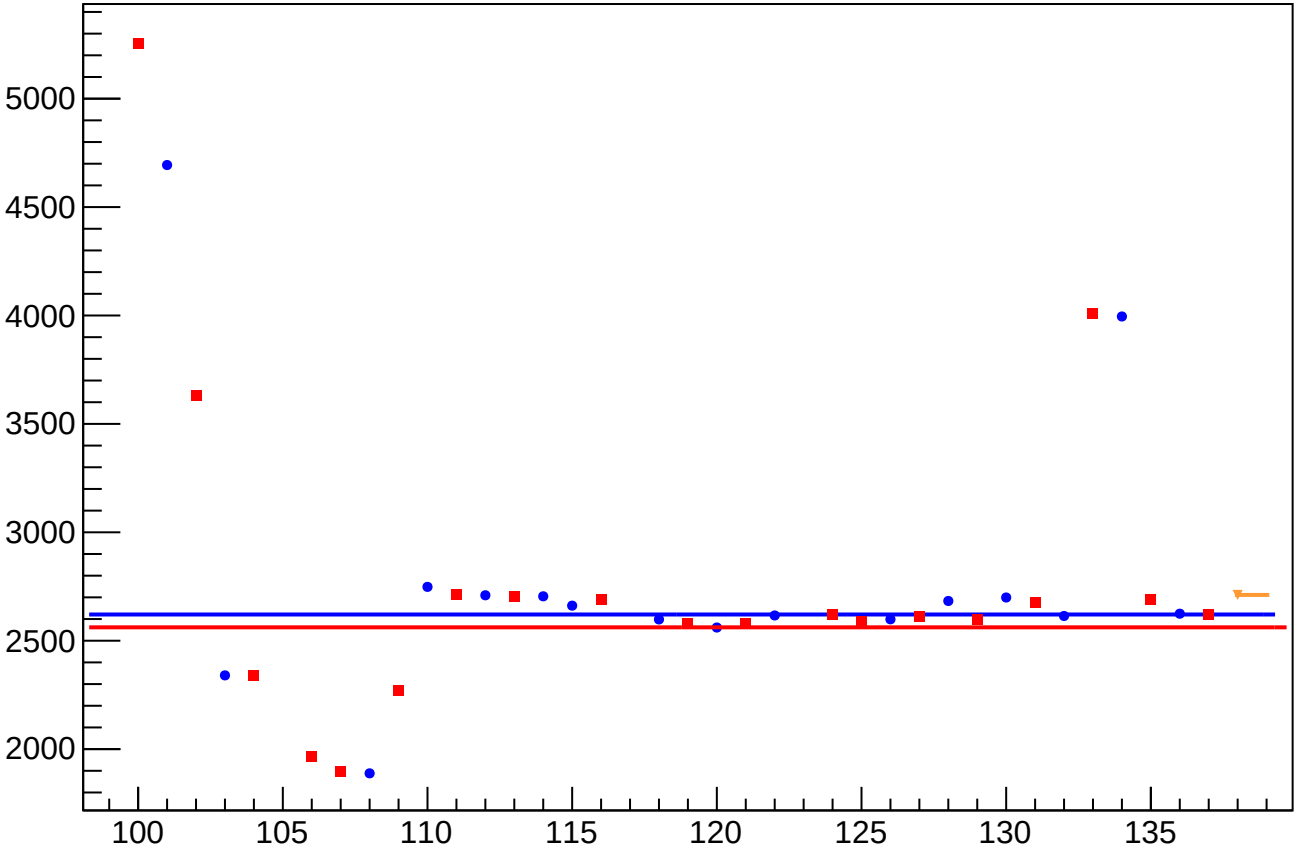
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4118.758+/-942.678 χ^2/NDF: 10.3/16

All: 849.098+/-674.685 χ^2/NDF: 52.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2620.964+/-0.700 χ^2/NDF: 485914.1/15

Left Out: 2711.181+/-2.171 χ^2/NDF:0.0/0

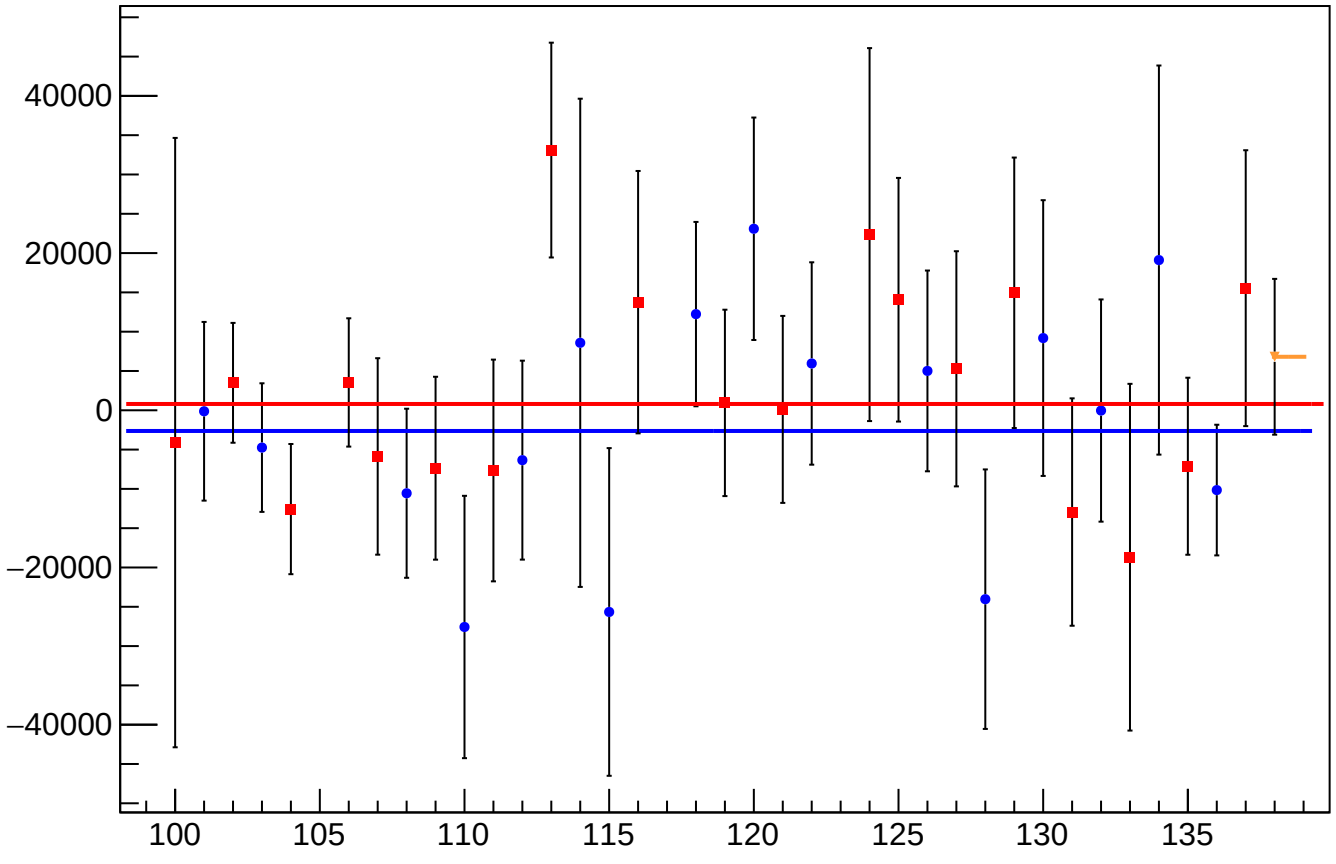
Right Out: 2561.718+/-0.683 χ^2/NDF: 378259.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2629.472+/-0.667 χ^2/NDF: 487478.7/16

All: 2596.405+/-0.477 χ^2/NDF: 870780.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2631.921+/-3211.506 χ^2/NDF: 13.8/15

Left Out: 6807.876+/-9910.035 χ^2/NDF:0.0/0

Right Out: 802.880+/-2872.934 χ^2/NDF: 15.4/18

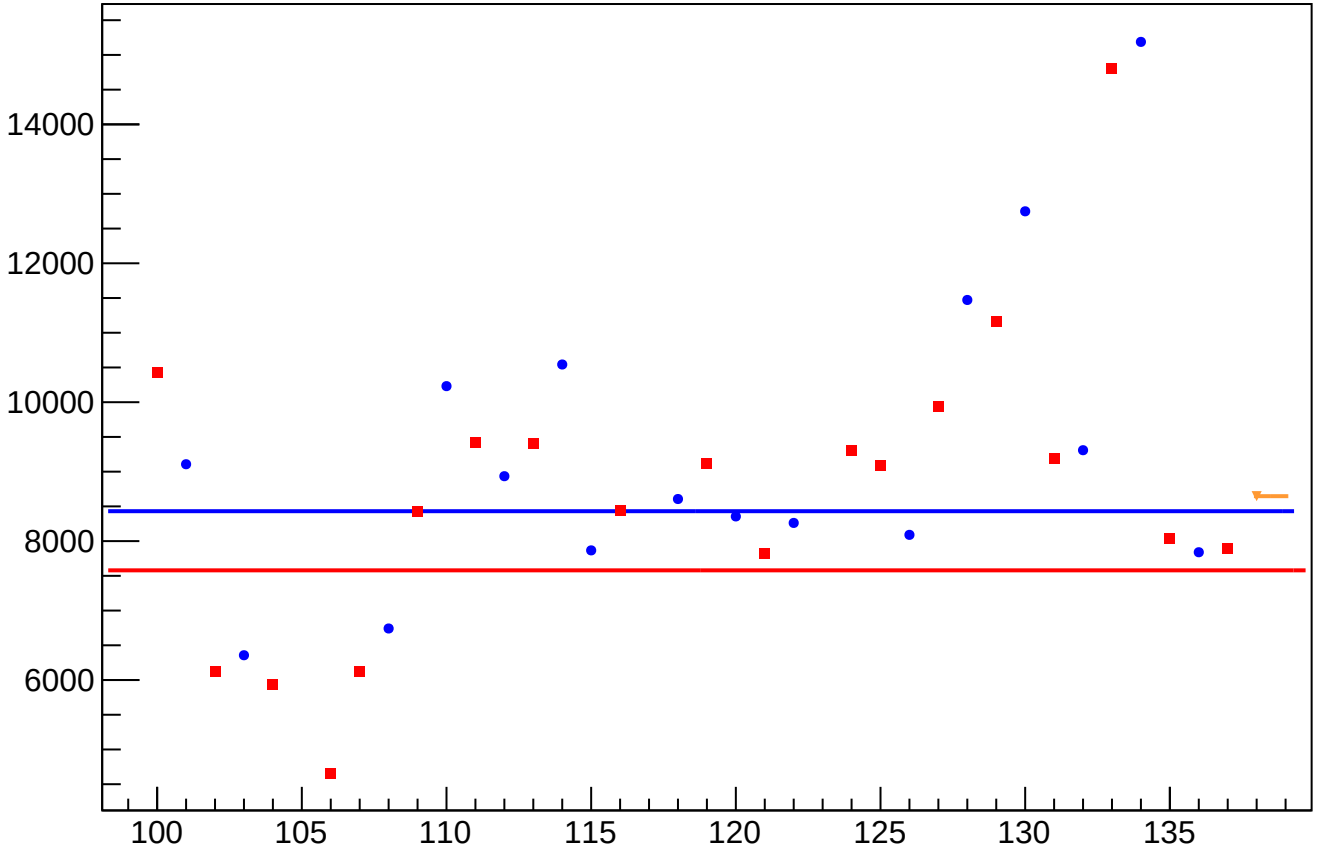
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1734.781+/-3055.089 χ^2/NDF: 14.6/16

All: -388.048+/-2092.906 χ^2/NDF: 30.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 8430.768+/-2.271 χ^2/NDF: 580295.1/15

Left Out: 8646.959+/-7.007 χ^2/NDF:0.0/0

Right Out: 7579.112+/-2.031 χ^2/NDF: 974126.9/18

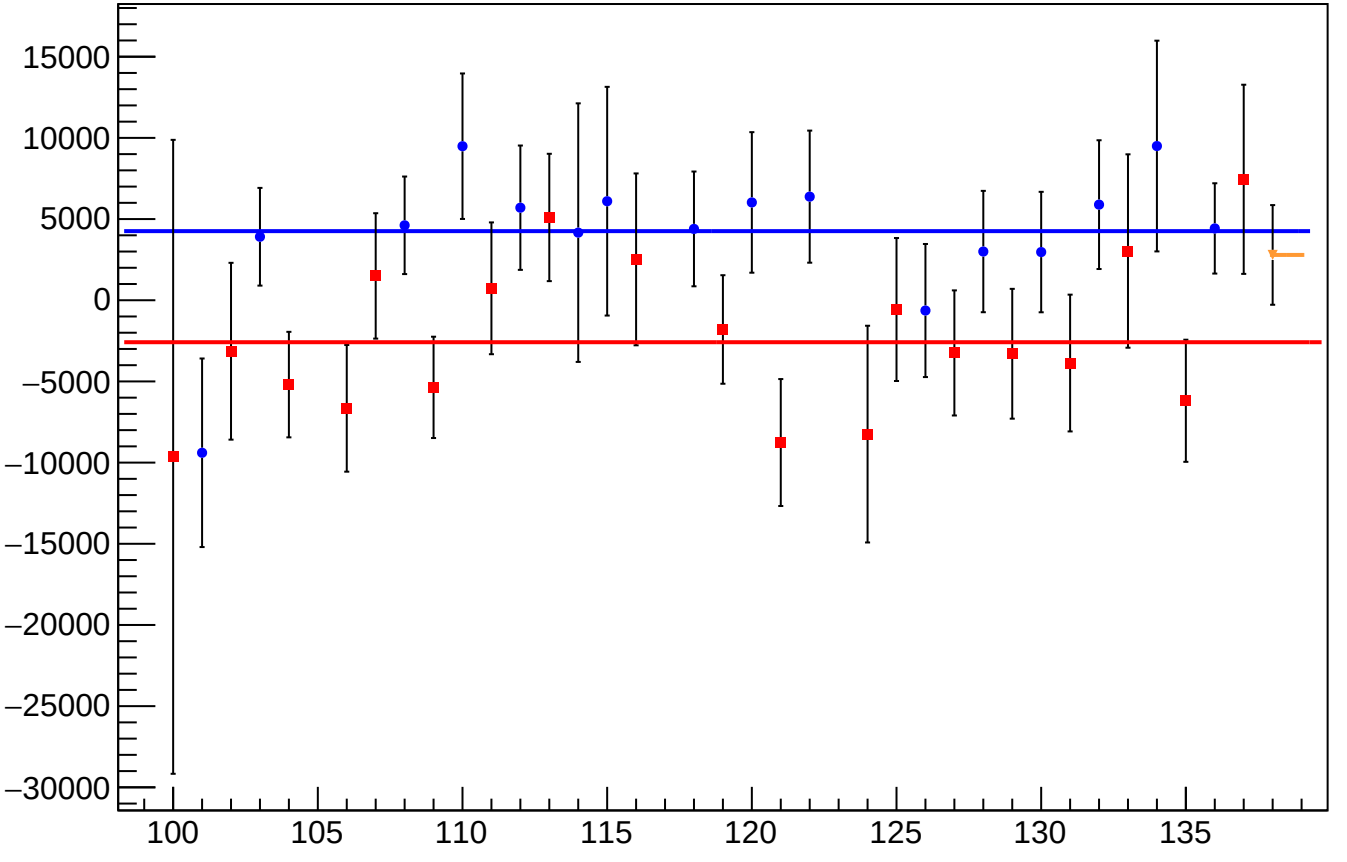
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8451.314+/-2.160 χ^2/NDF: 581156.4/16

All: 7988.438+/-1.480 χ^2/NDF: 1641793.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr2_mean vs Slug



Right In: 4256.984+/-990.541 χ^2/NDF: 10.1/15

Left Out: 2791.333+/-3069.692 χ^2/NDF:0.0/0

Right Out: -2584.699+/-966.048 χ^2/NDF: 17.6/18

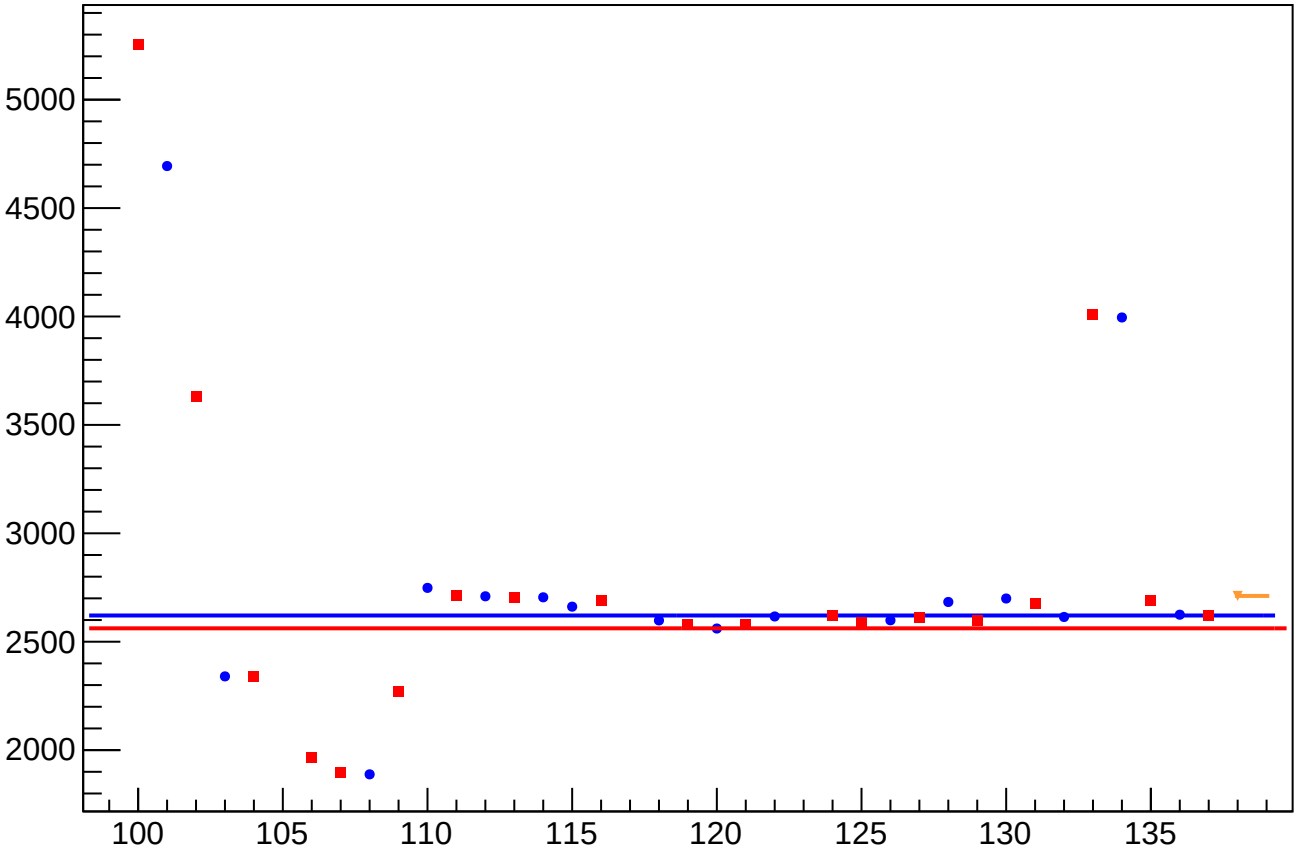
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4118.765+/-942.678 χ^2/NDF: 10.3/16

All: 849.097+/-674.685 χ^2/NDF: 52.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr2_rms vs Slug



Right In: 2620.963+/-0.700 χ^2/NDF: 485914.3/15

Left Out: 2711.182+/-2.171 χ^2/NDF:0.0/0

Right Out: 2561.718+/-0.683 χ^2/NDF: 378258.9/18

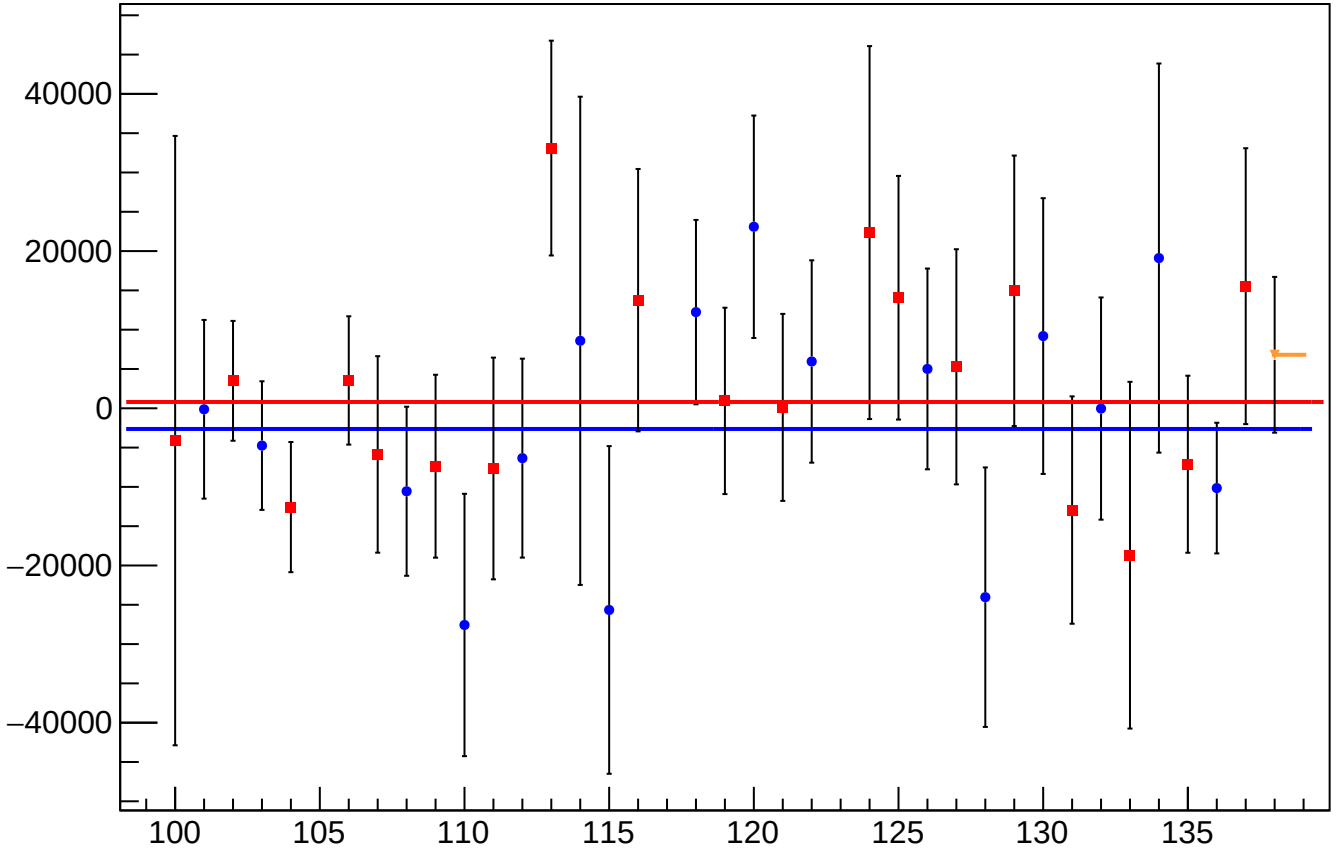
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2629.471+/-0.667 χ^2/NDF: 487479.0/16

All: 2596.404+/-0.477 χ^2/NDF: 870780.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_dit_correction_mean vs Slug



Right In: -2631.887+/-3211.501 χ^2/NDF: 13.8/15

Left Out: 6807.871+/-9910.051 χ^2/NDF:0.0/0

Right Out: 802.875+/-2872.930 χ^2/NDF: 15.4/18

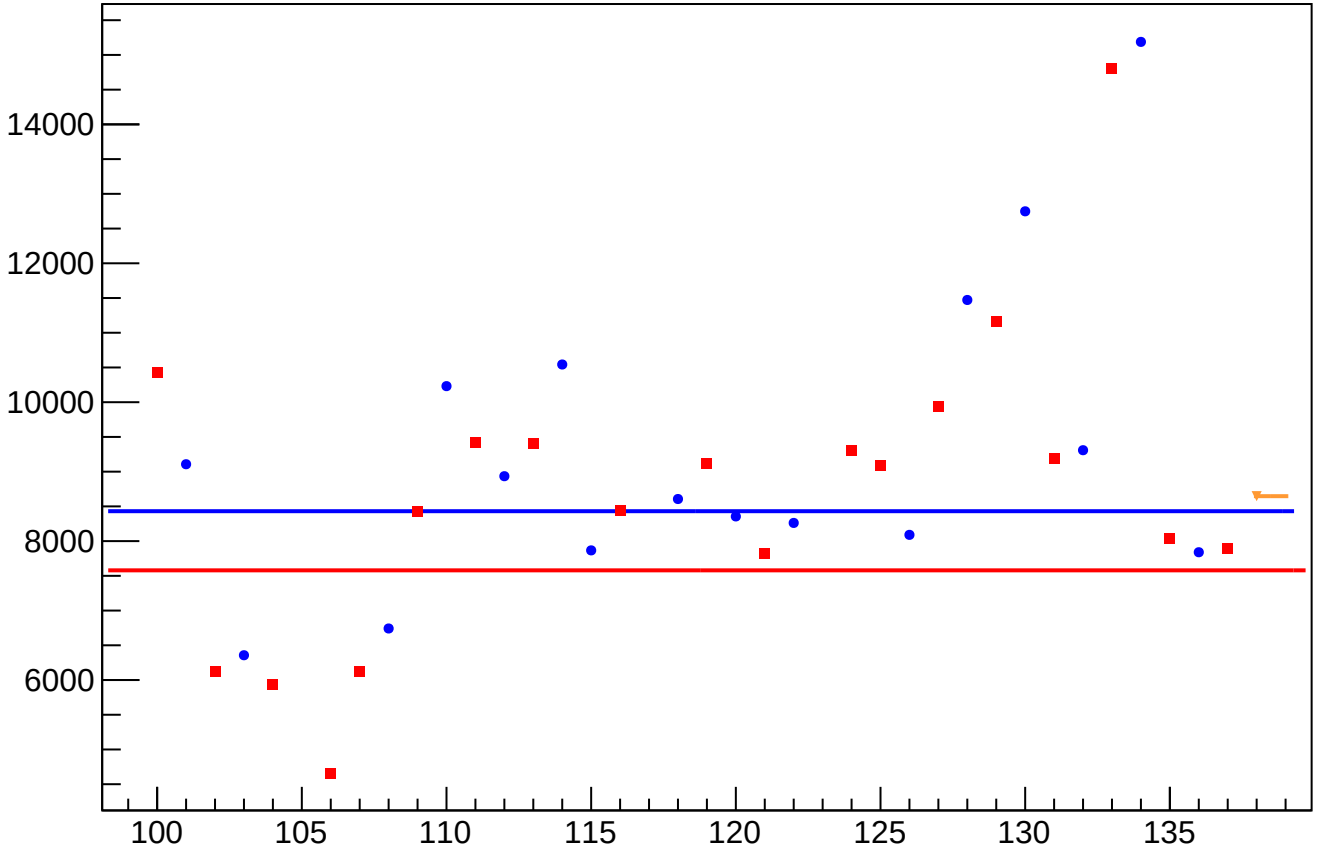
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1734.756+/-3055.086 χ^2/NDF: 14.6/16

All: -388.037+/-2092.903 χ^2/NDF: 30.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 8430.758+/-2.271 χ^2/NDF: 580289.4/15

Left Out: 8646.973+/-7.007 χ^2/NDF:0.0/0

Right Out: 7579.100+/-2.031 χ^2/NDF: 974123.2/18

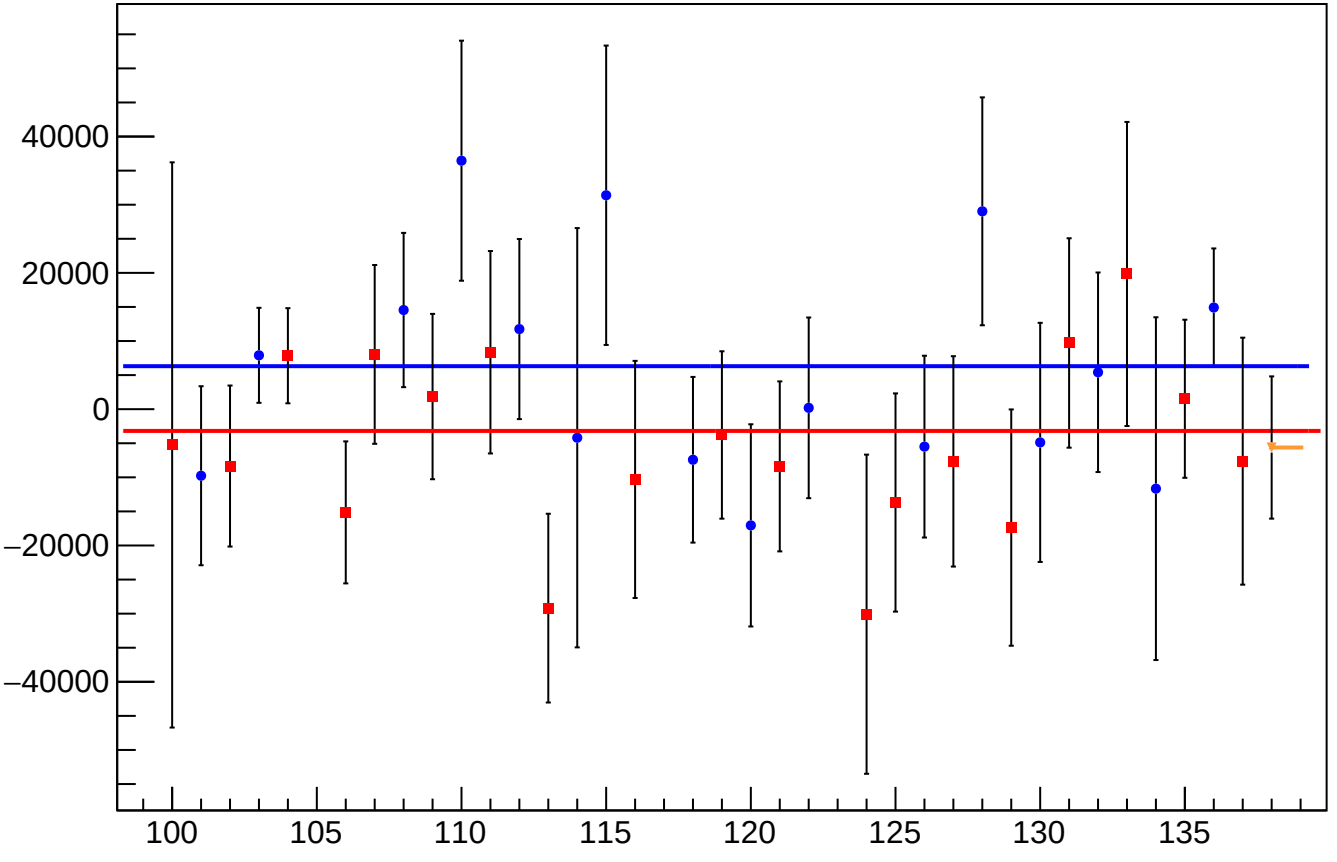
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8451.307+/-2.160 χ^2/NDF: 581150.9/16

All: 7988.428+/-1.480 χ^2/NDF: 1641784.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_mean vs Slug



Right In: 6307.034+/-3239.703 χ^2/NDF: 15.1/15

Left Out: -5623.705+/-10437.635 χ^2/NDF:0.0/0

Right Out: -3189.356+/-3068.645 χ^2/NDF: 13.9/18

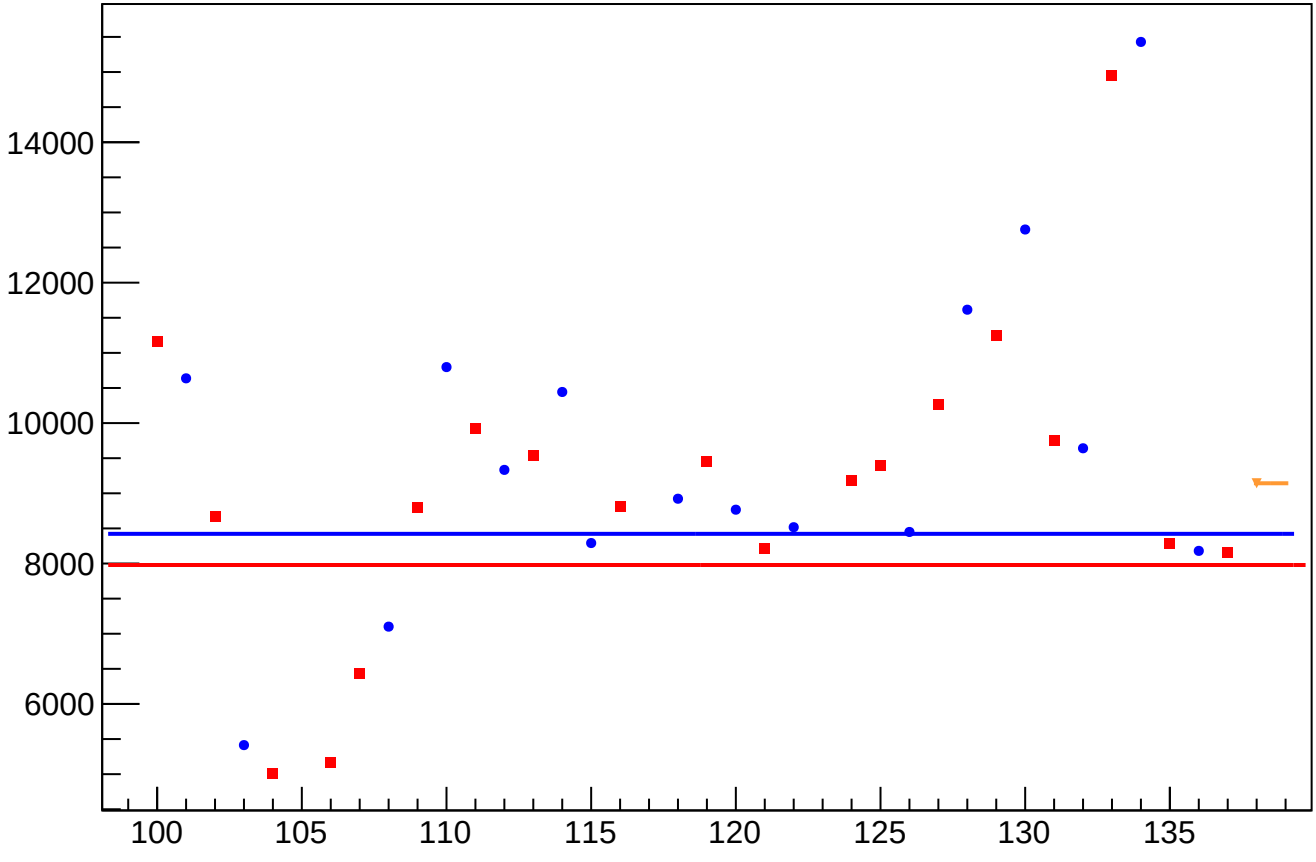
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5258.631+/-3094.087 χ^2/NDF: 16.3/16

All: 999.762+/-2178.799 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_rms vs Slug



Right In: 8422.717+/-2.291 χ^2/NDF: 881833.9/15

Left Out: 9142.875+/-7.381 χ^2/NDF:0.0/0

Right Out: 7978.997+/-2.170 χ^2/NDF: 1016019.0/18

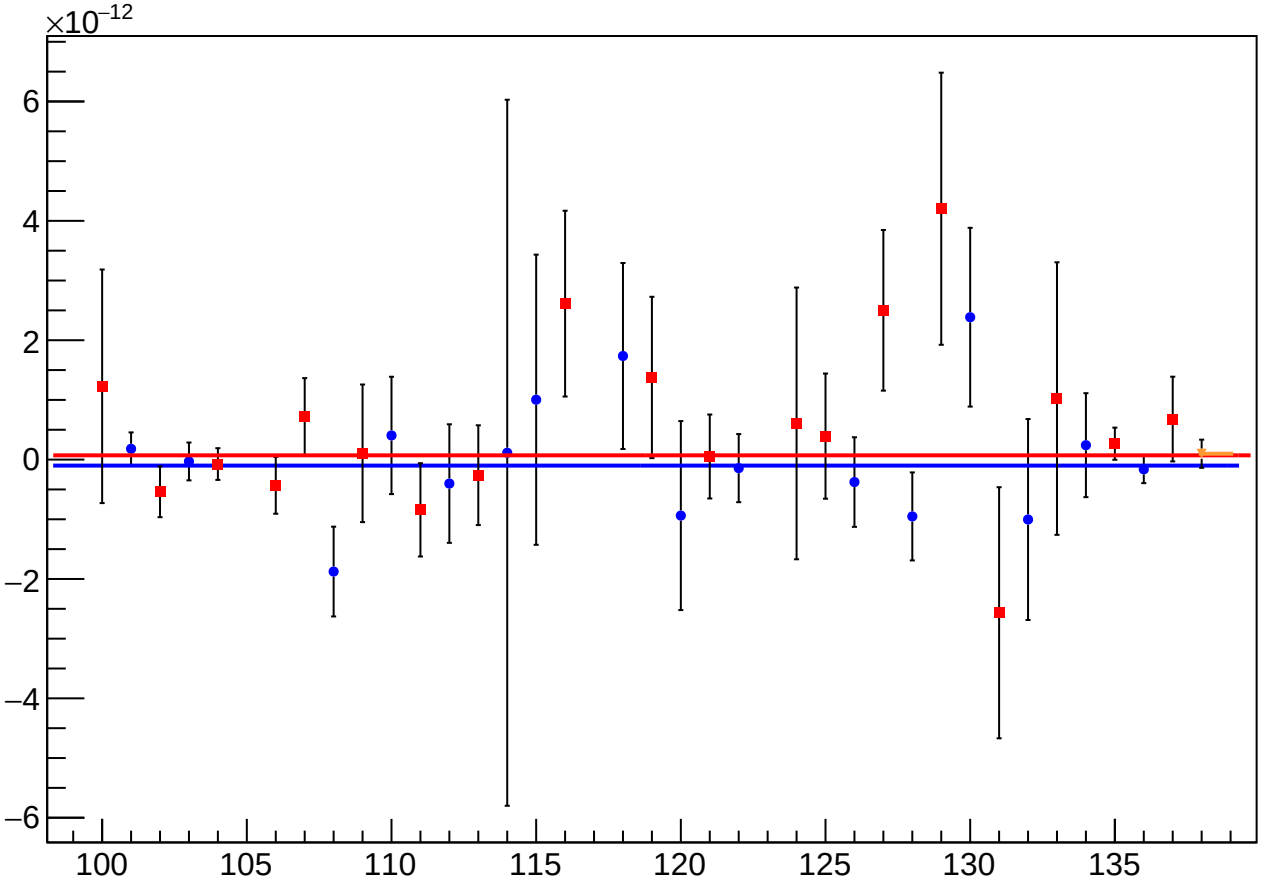
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8486.001+/-2.188 χ^2/NDF: 890518.2/16

All: 8230.401+/-1.541 χ^2/NDF: 1933610.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

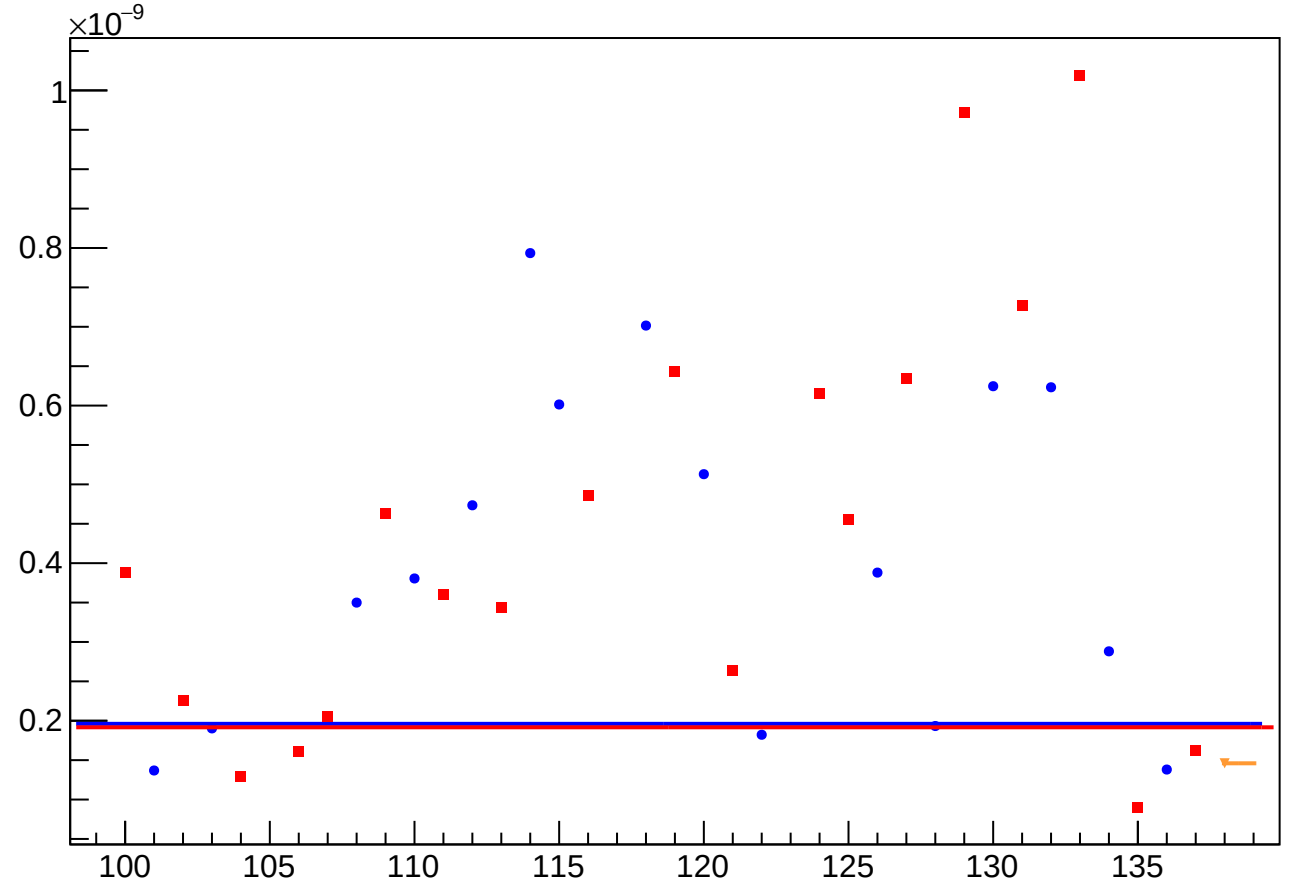
Right Out: 0.000+/-0.000 χ^2/NDF: 19.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 14.2/16

All: -0.000+/-0.000 χ^2/NDF: 34.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1342263.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2066454.3/18

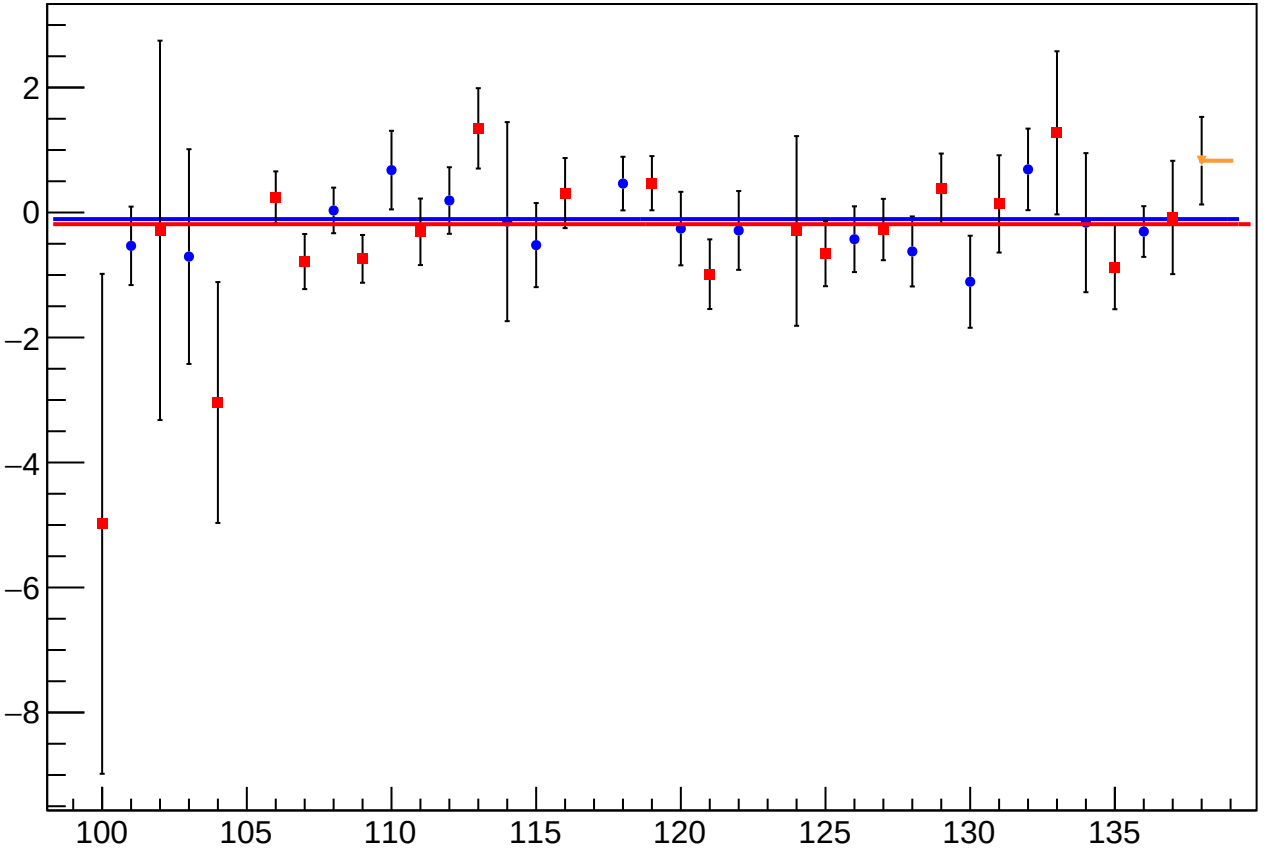
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1410267.8/16

All: 0.000+/-0.000 χ^2/NDF: 3480446.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.105+/-0.145 χ^2/NDF: 9.7/15

Left Out: 0.829+/-0.701 χ^2/NDF:0.0/0

Right Out: -0.187+/-0.137 χ^2/NDF: 23.9/18

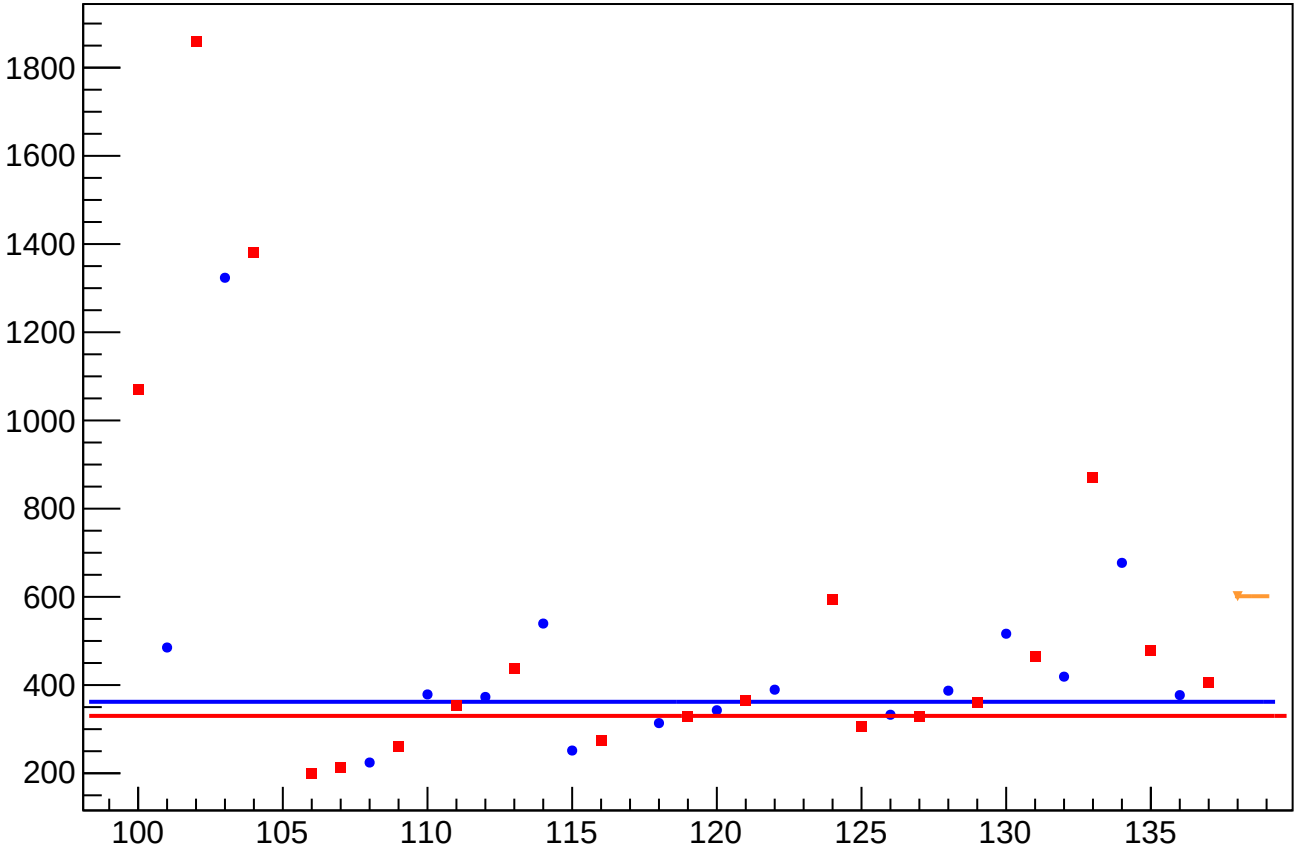
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.067+/-0.142 χ^2/NDF: 11.4/16

All: -0.129+/-0.099 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 362.037+/-0.102 χ^2/NDF: 1377330.2/15

Left Out: 601.429+/-0.495 χ^2/NDF:0.0/0

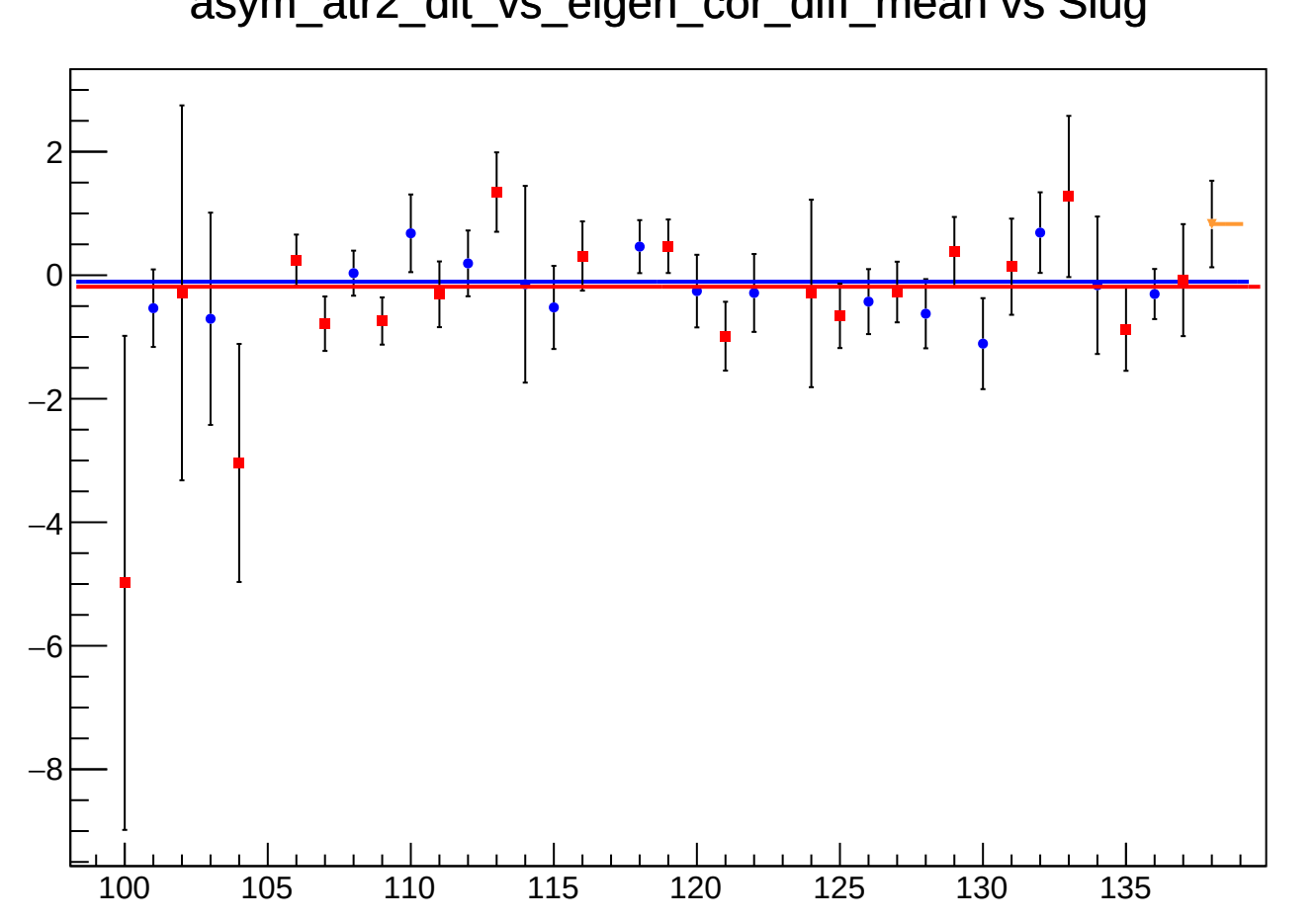
Right Out: 330.084+/-0.097 χ^2/NDF: 2246513.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.826+/-0.100 χ^2/NDF: 1601219.5/16

All: 350.314+/-0.070 χ^2/NDF: 3937179.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.105+/-0.145 χ^2/NDF: 9.7/15

Left Out: 0.829+/-0.701 χ^2/NDF:0.0/0

Right Out: -0.187+/-0.137 χ^2/NDF: 23.9/18

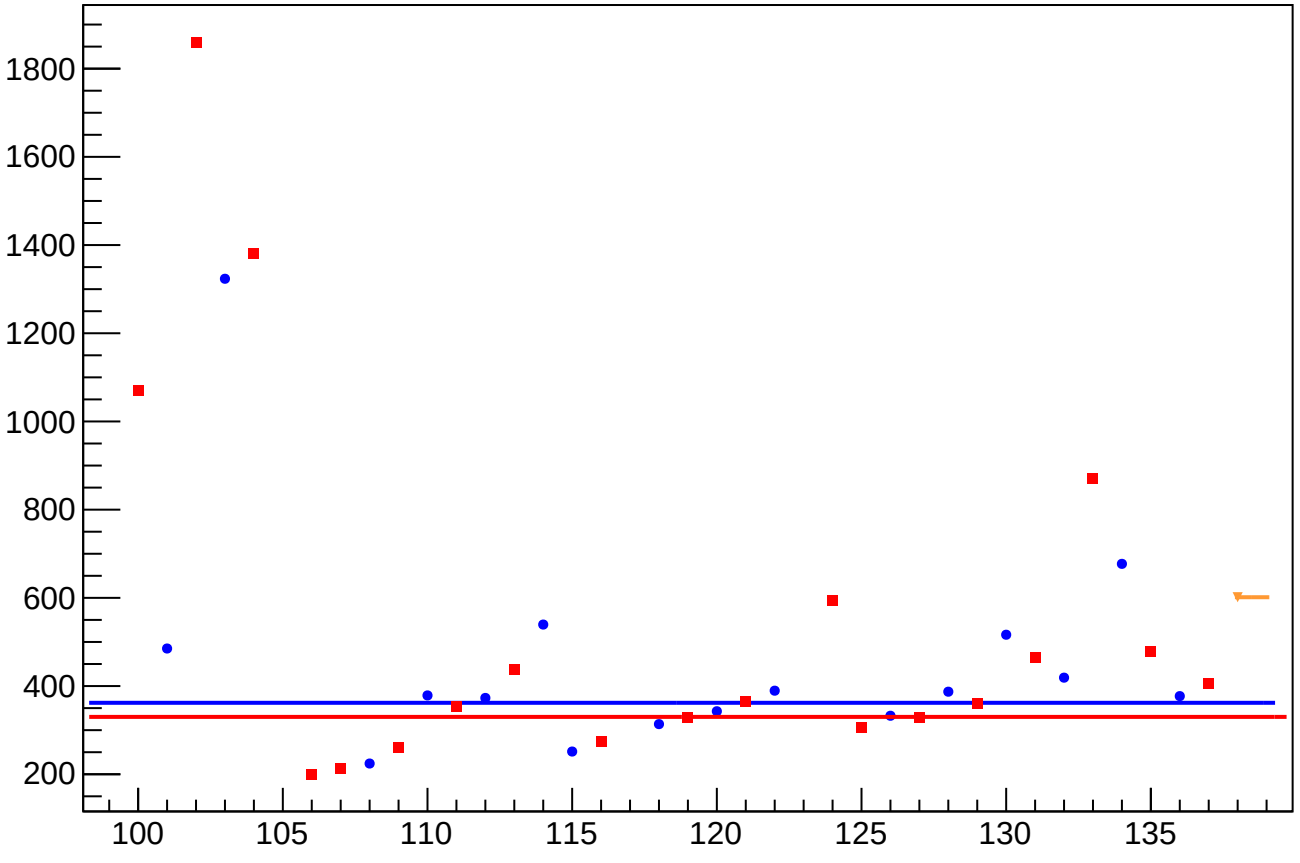
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.067+/-0.142 χ^2/NDF: 11.4/16

All: -0.129+/-0.099 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 362.037+/-0.102 χ^2/NDF: 1377330.2/15

Left Out: 601.429+/-0.495 χ^2/NDF:0.0/0

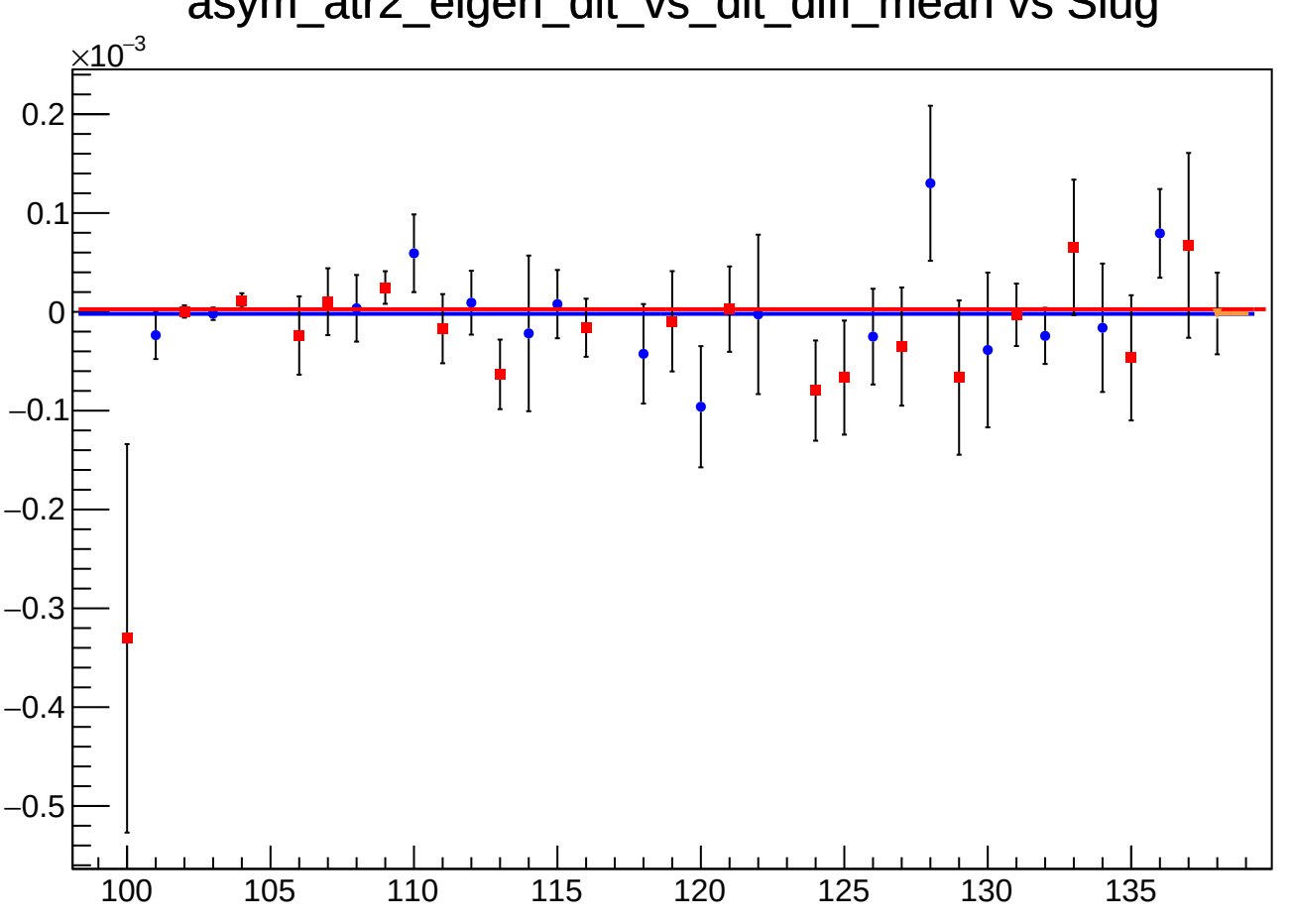
Right Out: 330.084+/-0.097 χ^2/NDF: 2246513.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.826+/-0.100 χ^2/NDF: 1601219.5/16

All: 350.314+/-0.070 χ^2/NDF: 3937179.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 18.2/18

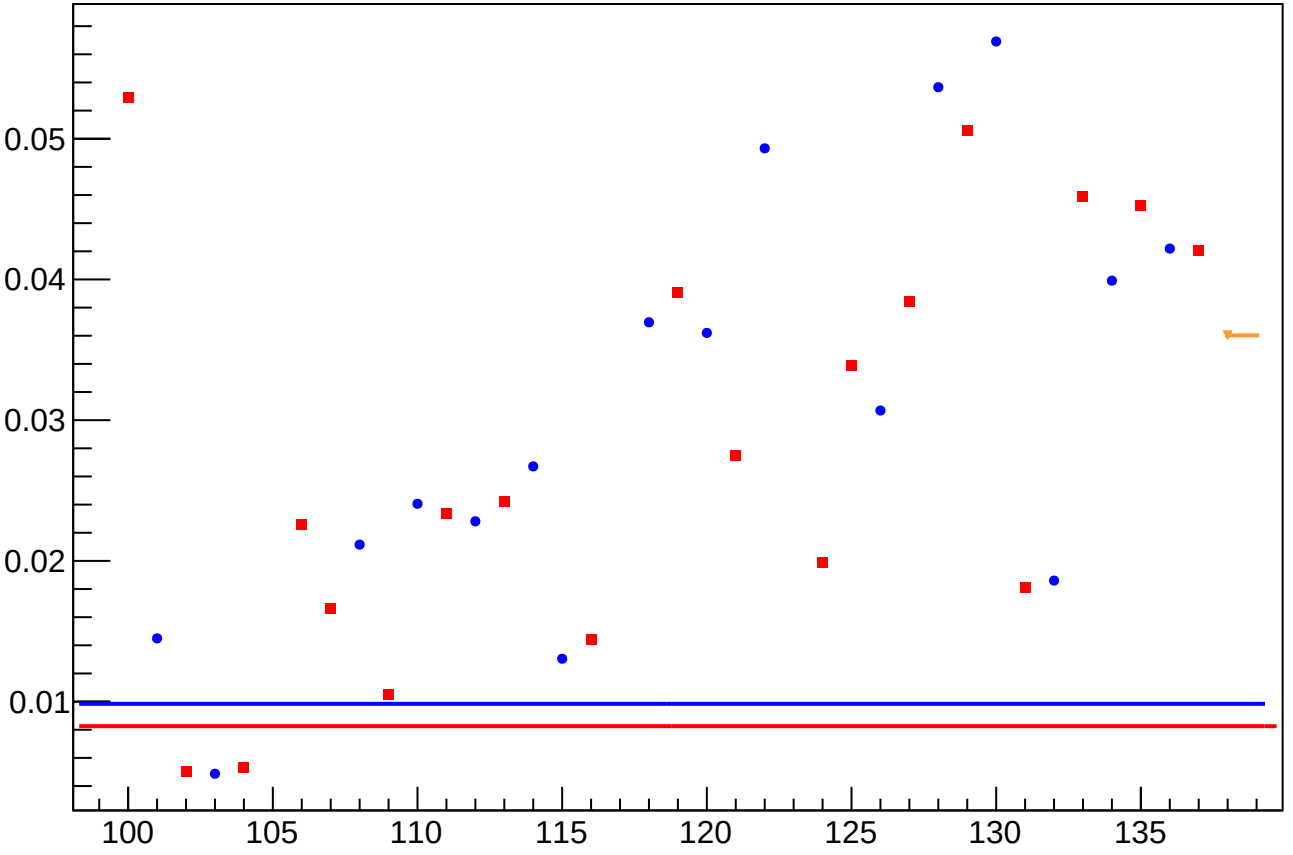
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.8/16

All: 0.000+/-0.000 χ^2/NDF: 32.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF: 7052383.3/15

Left Out: 0.036+/-0.000 χ^2/NDF:0.0/0

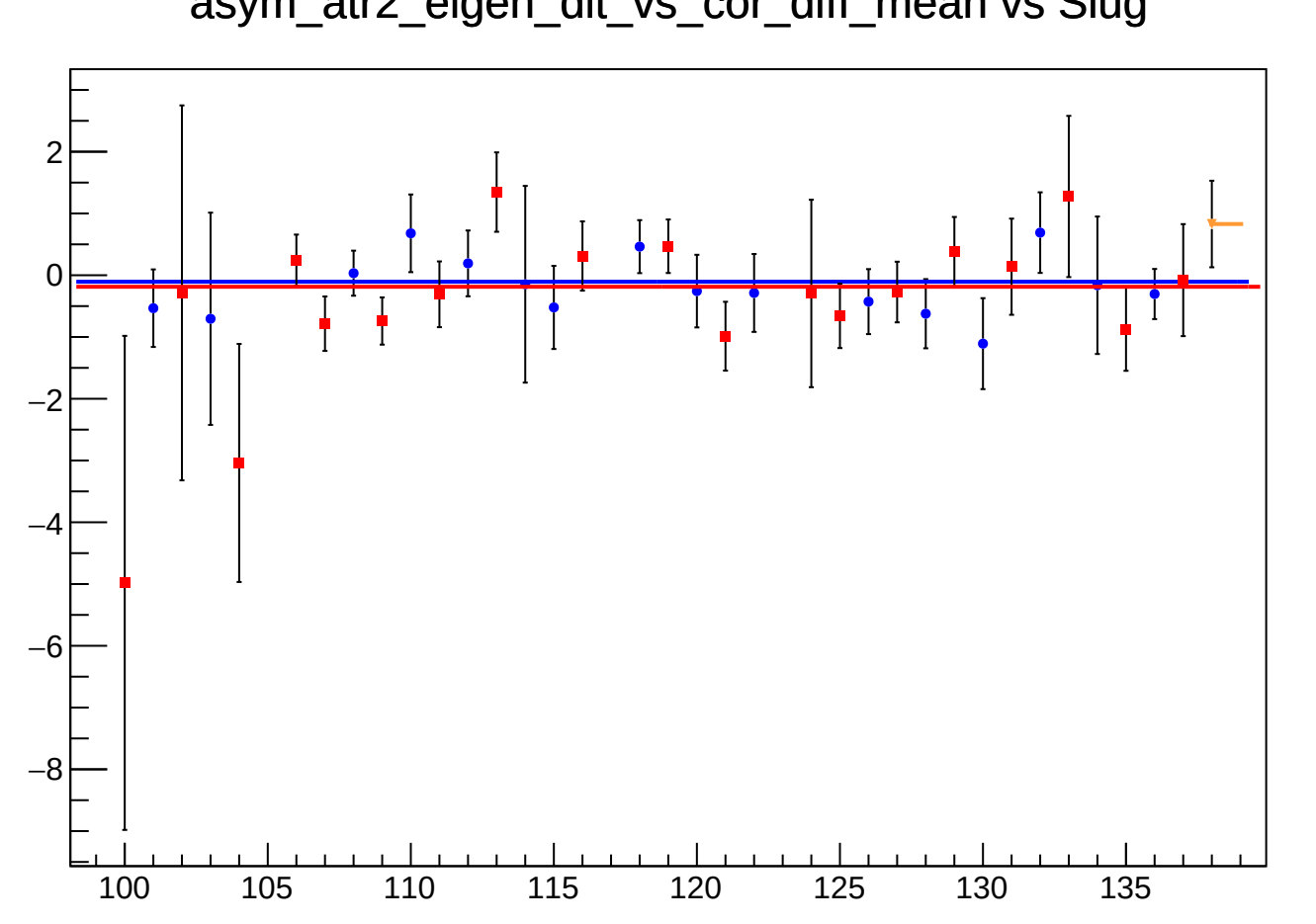
Right Out: 0.008+/-0.000 χ^2/NDF: 6740964.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.000 χ^2/NDF: 7842029.5/16

All: 0.009+/-0.000 χ^2/NDF: 14759410.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.105+/-0.145 χ^2/NDF: 9.7/15

Left Out: 0.829+/-0.701 χ^2/NDF:0.0/0

Right Out: -0.187+/-0.137 χ^2/NDF: 23.9/18

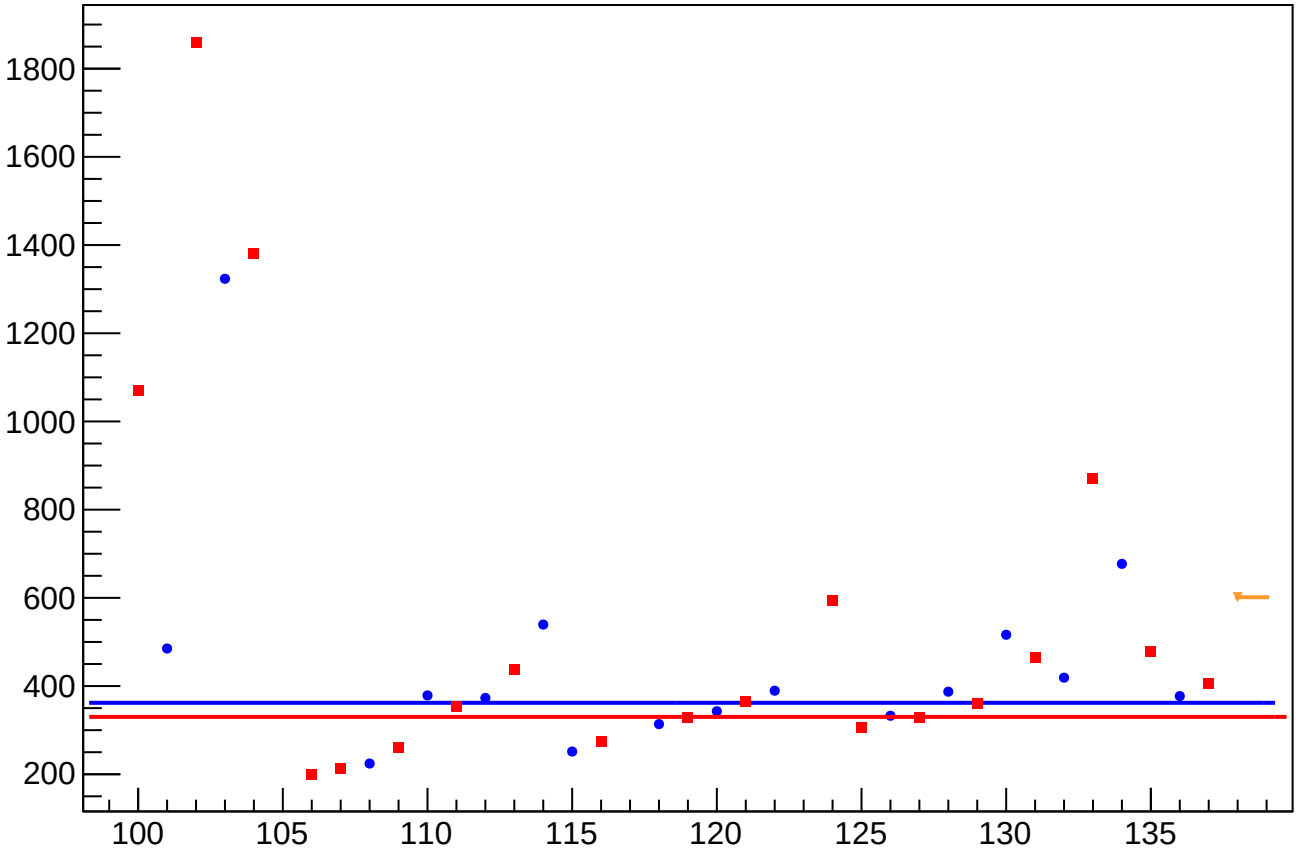
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.067+/-0.142 χ^2/NDF: 11.4/16

All: -0.129+/-0.099 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 362.034+/-0.102 χ^2/NDF: 1377333.3/15

Left Out: 601.439+/-0.495 χ^2/NDF:0.0/0

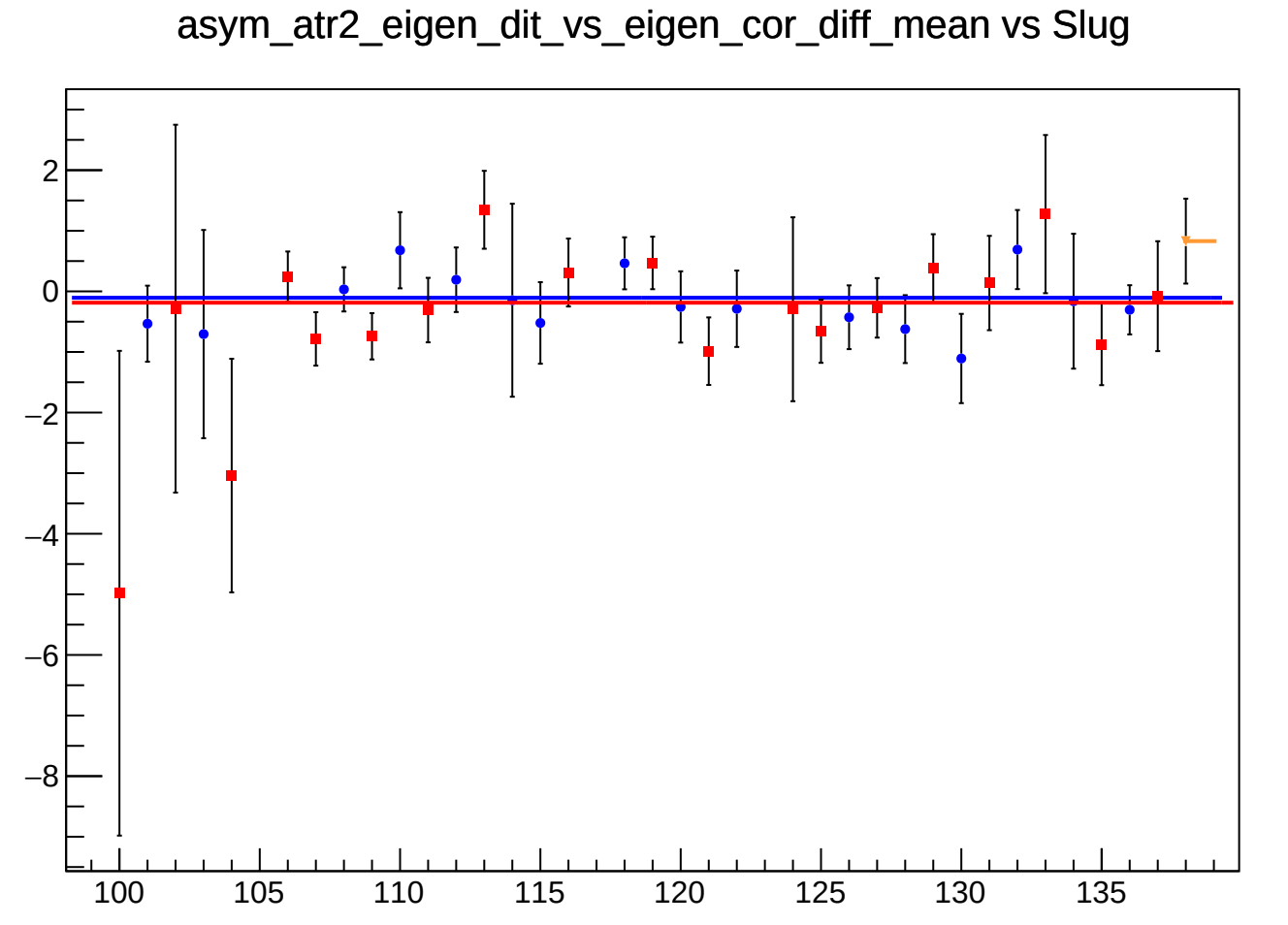
Right Out: 330.082+/-0.097 χ^2/NDF: 2246503.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.823+/-0.100 χ^2/NDF: 1601240.3/16

All: 350.312+/-0.070 χ^2/NDF: 3937186.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.105+/-0.145 χ^2/NDF: 9.7/15

Left Out: 0.829+/-0.701 χ^2/NDF:0.0/0

Right Out: -0.187+/-0.137 χ^2/NDF: 23.9/18

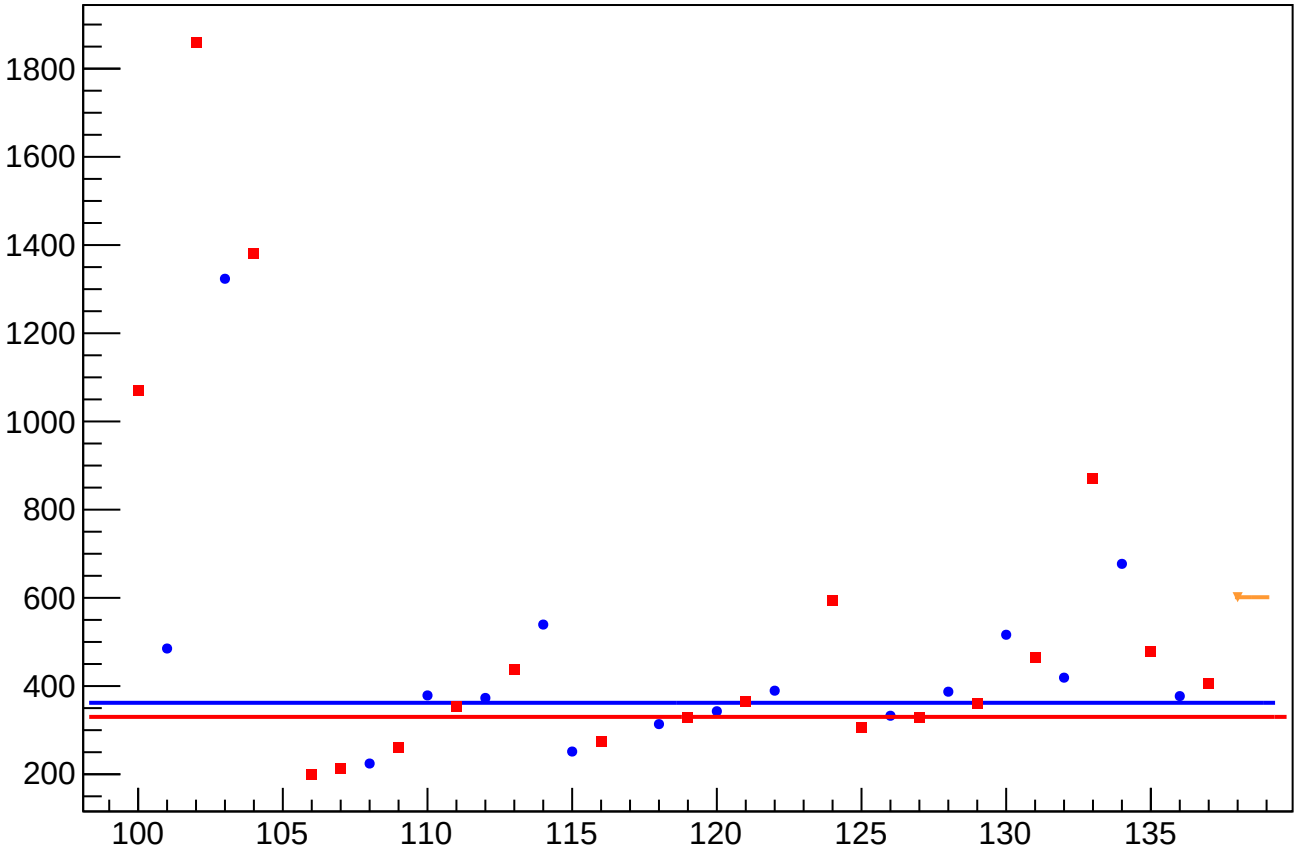
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.067+/-0.142 χ^2/NDF: 11.4/16

All: -0.129+/-0.099 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 362.034+/-0.102 χ^2/NDF: 1377333.3/15

Left Out: 601.439+/-0.495 χ^2/NDF:0.0/0

Right Out: 330.082+/-0.097 χ^2/NDF: 2246503.8/18

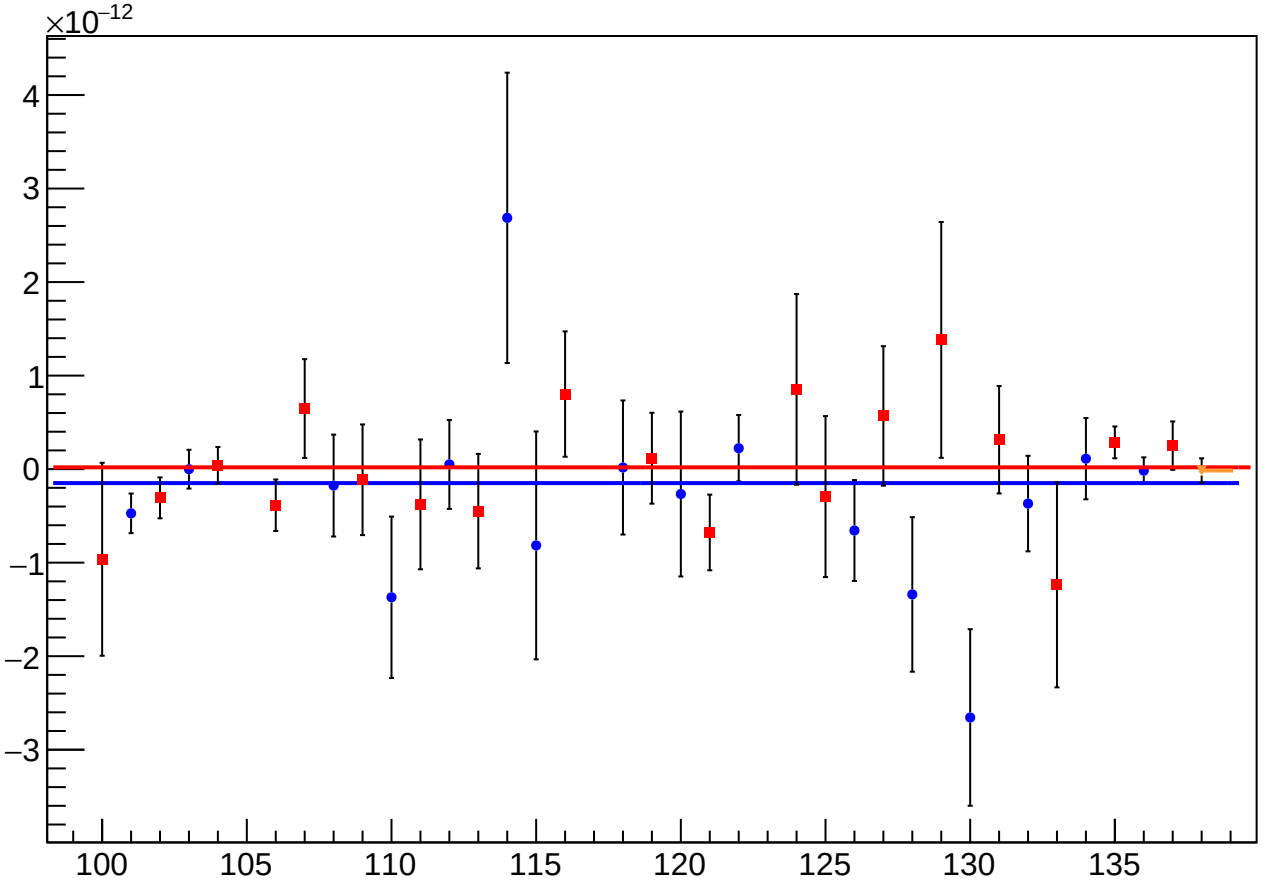
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.823+/-0.100 χ^2/NDF: 1601240.3/16

All: 350.312+/-0.070 χ^2/NDF: 3937186.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 21.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

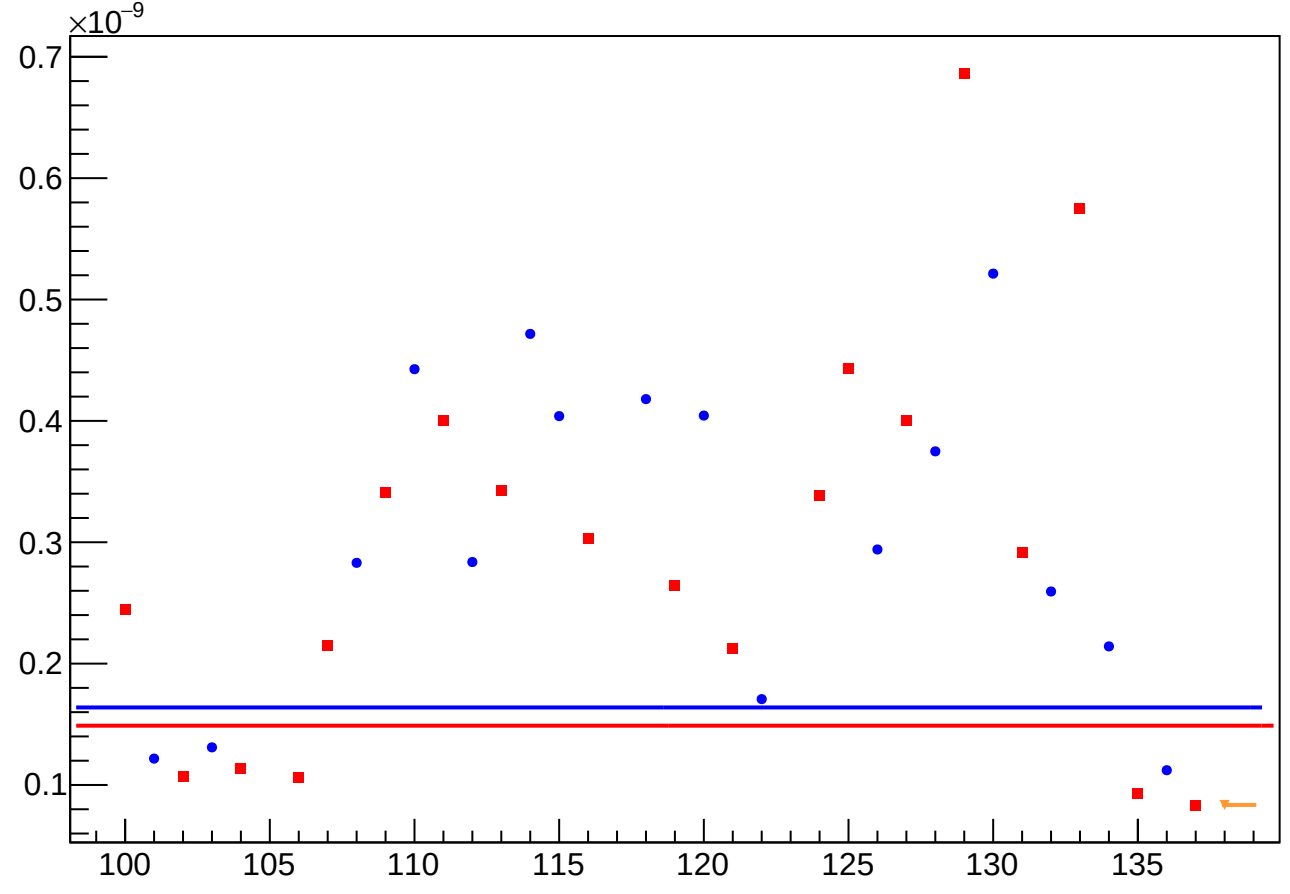
Right Out: 0.000+/-0.000 χ^2/NDF: 19.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.0/16

All: -0.000+/-0.000 χ^2/NDF: 42.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2011207.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2846265.5/18

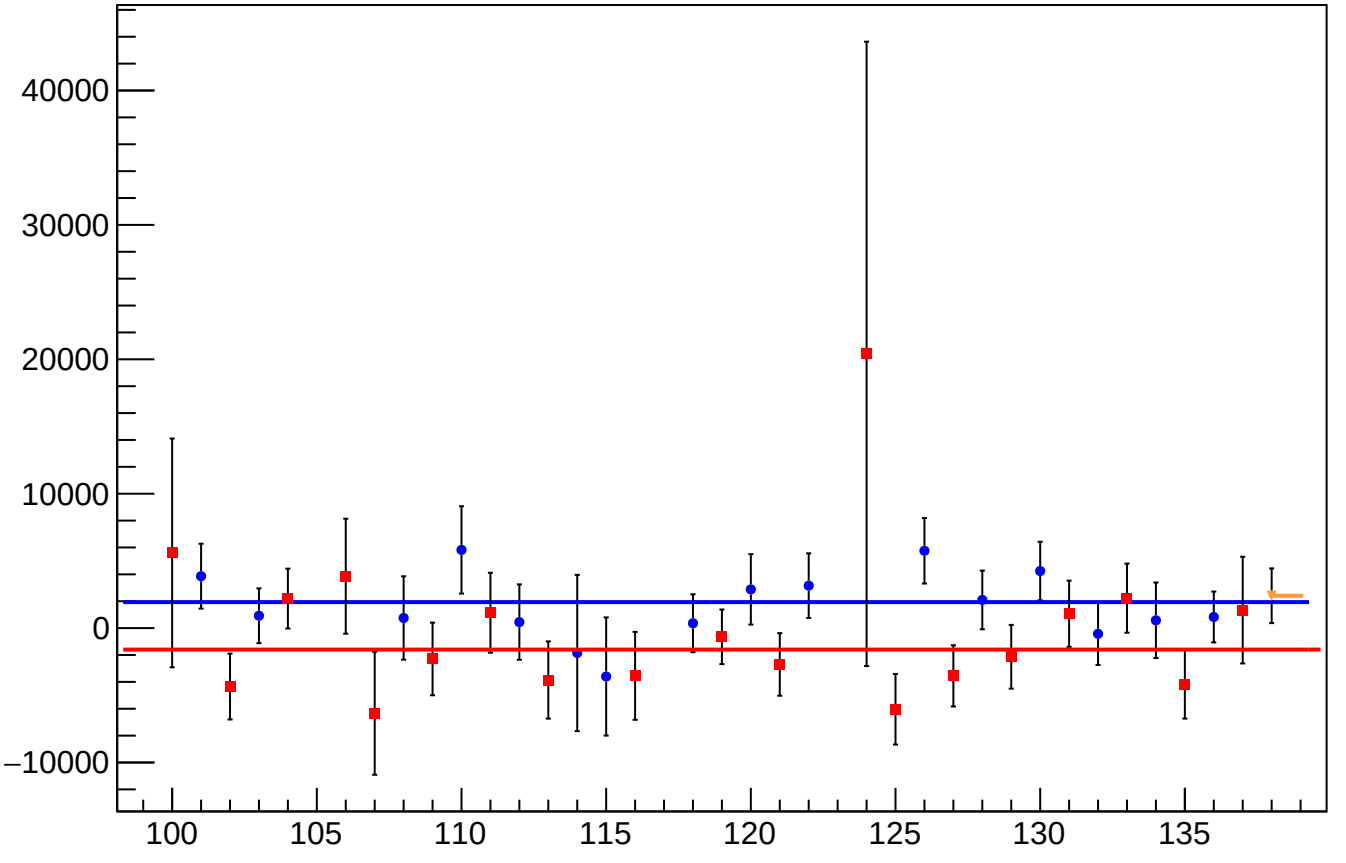
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2533621.1/16

All: 0.000+/-0.000 χ^2/NDF: 5395400.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 1934.755+/-627.874 χ^2/NDF: 10.9/15

Left Out: 2408.670+/-2035.473 χ^2/NDF:0.0/0

Right Out: -1597.959+/-642.207 χ^2/NDF: 19.4/18

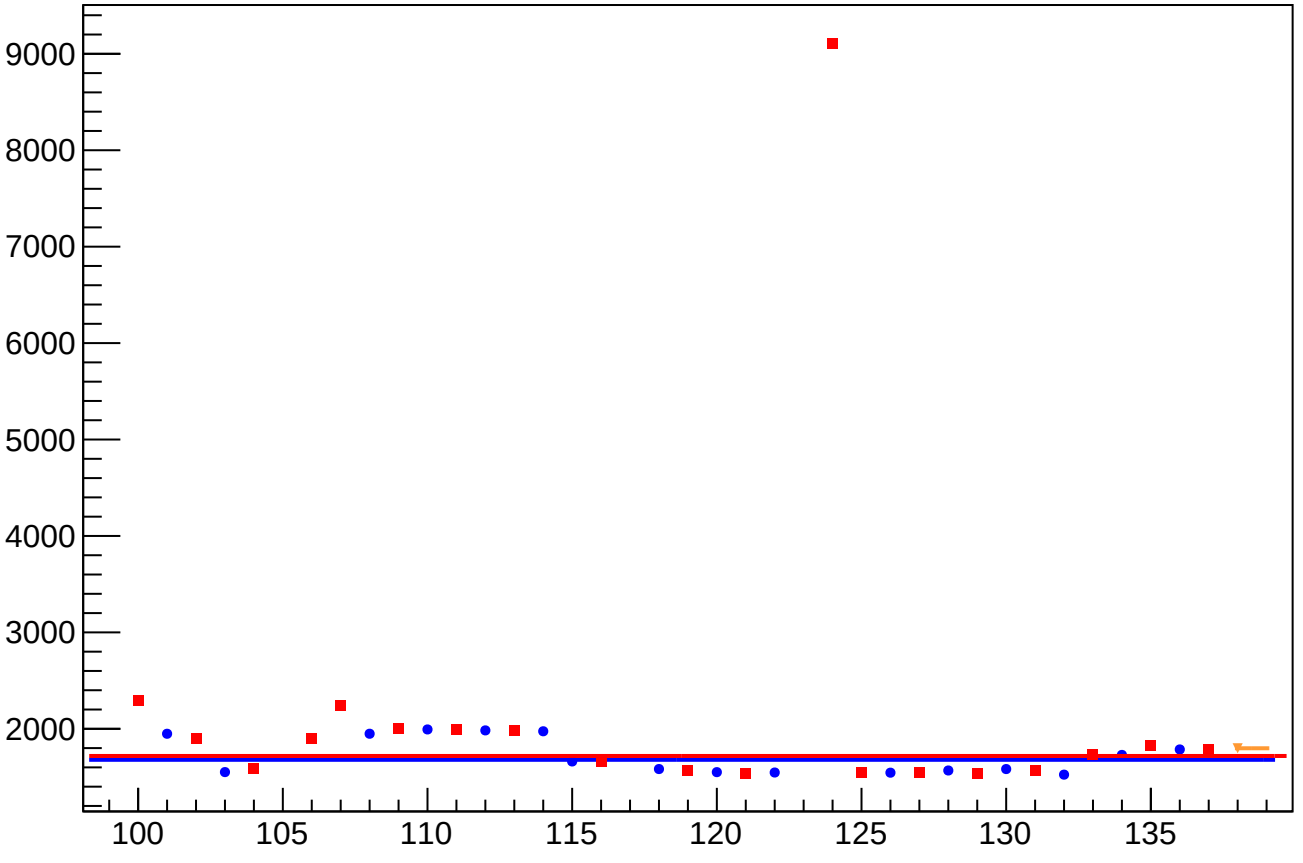
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1975.931+/-599.978 χ^2/NDF: 10.9/16

All: 310.340+/-438.418 χ^2/NDF: 46.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1678.543+/-0.444 χ^2/NDF: 141482.6/15

Left Out: 1798.117+/-1.439 χ^2/NDF:0.0/0

Right Out: 1718.312+/-0.452 χ^2/NDF: 383179.3/18

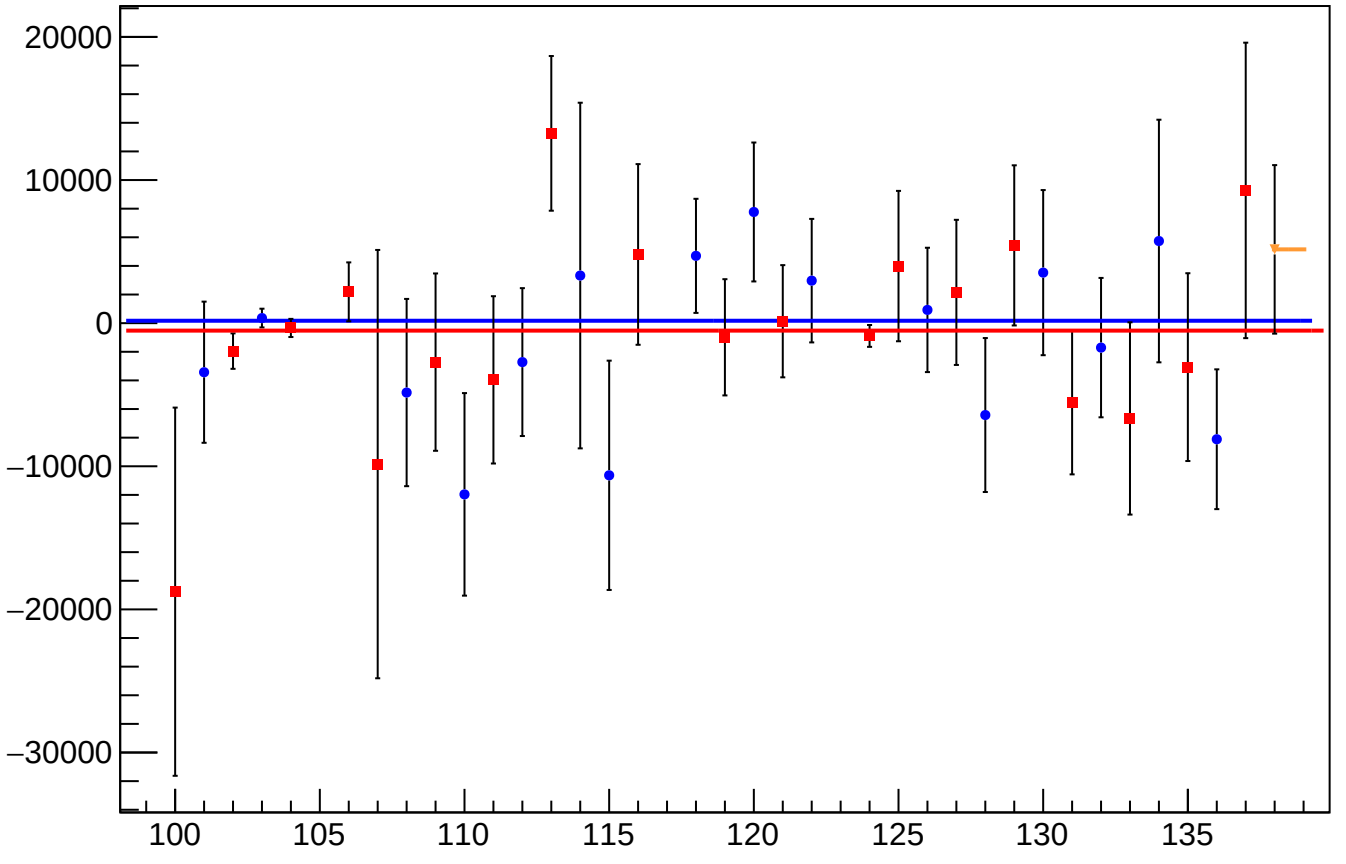
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1688.932+/-0.424 χ^2/NDF: 147785.0/16

All: 1702.694+/-0.309 χ^2/NDF: 533210.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 168.283+/-591.607 χ^2/NDF: 15.8/15

Left Out: 5155.886+/-5887.664 χ^2/NDF:0.0/0

Right Out: -521.080+/-424.783 χ^2/NDF: 18.5/18

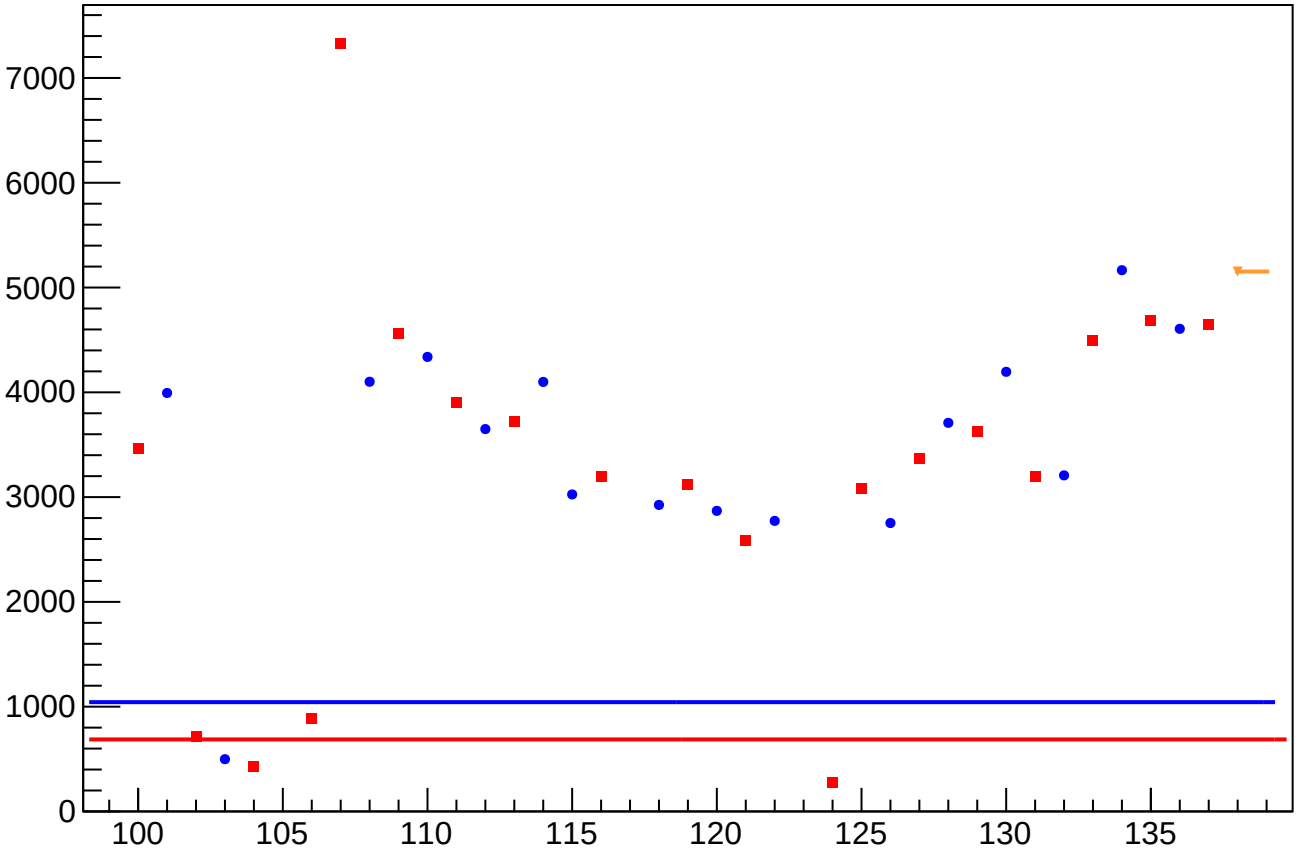
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 218.138+/-588.643 χ^2/NDF: 16.5/16

All: -267.950+/-344.459 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 1043.117+/-0.418 χ^2/NDF: 8111897.6/15

Left Out: 5152.551+/-4.163 χ^2/NDF:0.0/0

Right Out: 687.329+/-0.300 χ^2/NDF: 8631529.6/18

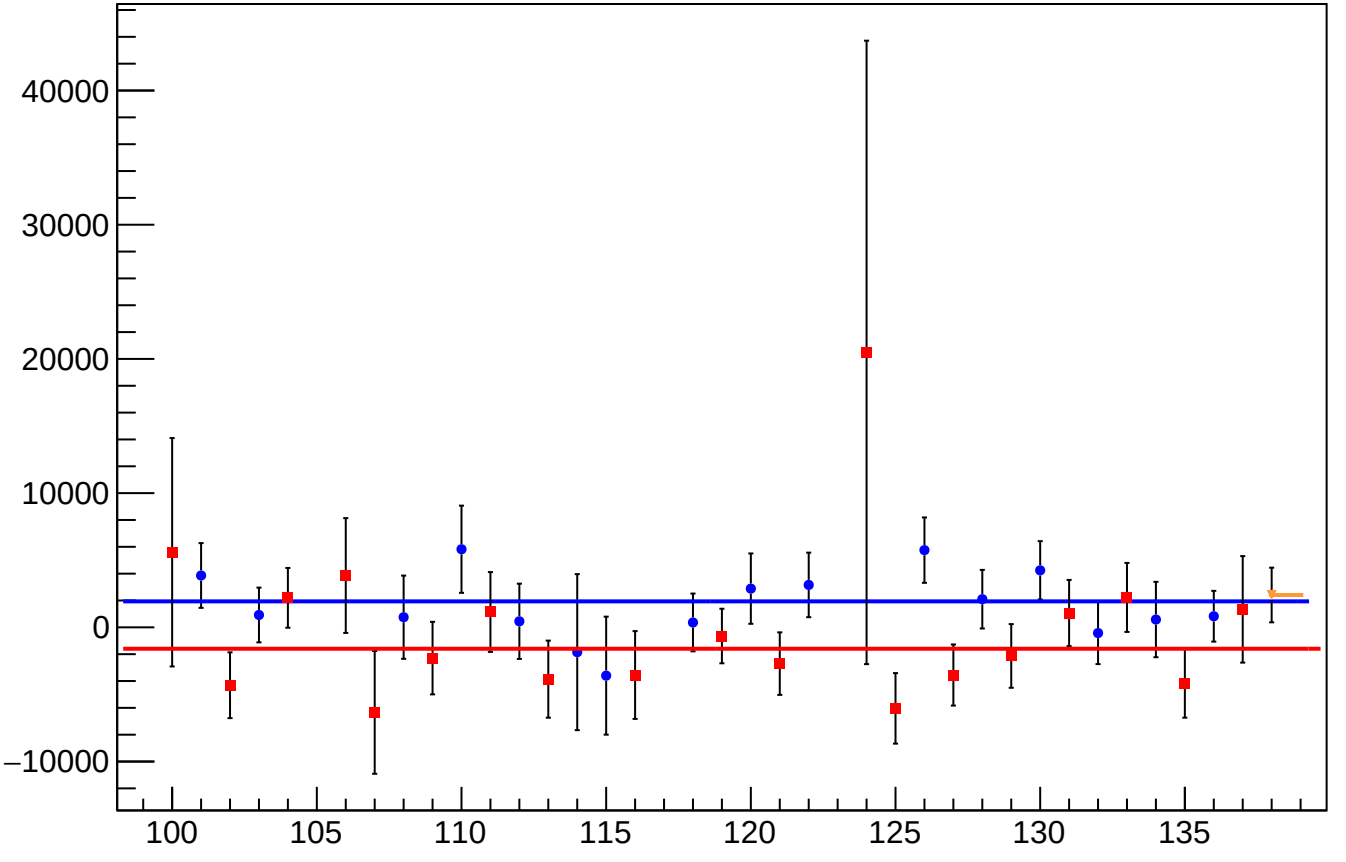
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1084.194+/-0.416 χ^2/NDF: 9076492.7/16

All: 823.228+/-0.244 χ^2/NDF: 18305819.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 1934.871+/-627.874 χ^2/NDF: 10.9/15

Left Out: 2408.807+/-2035.473 χ^2/NDF:0.0/0

Right Out: -1595.521+/-642.212 χ^2/NDF: 19.4/18

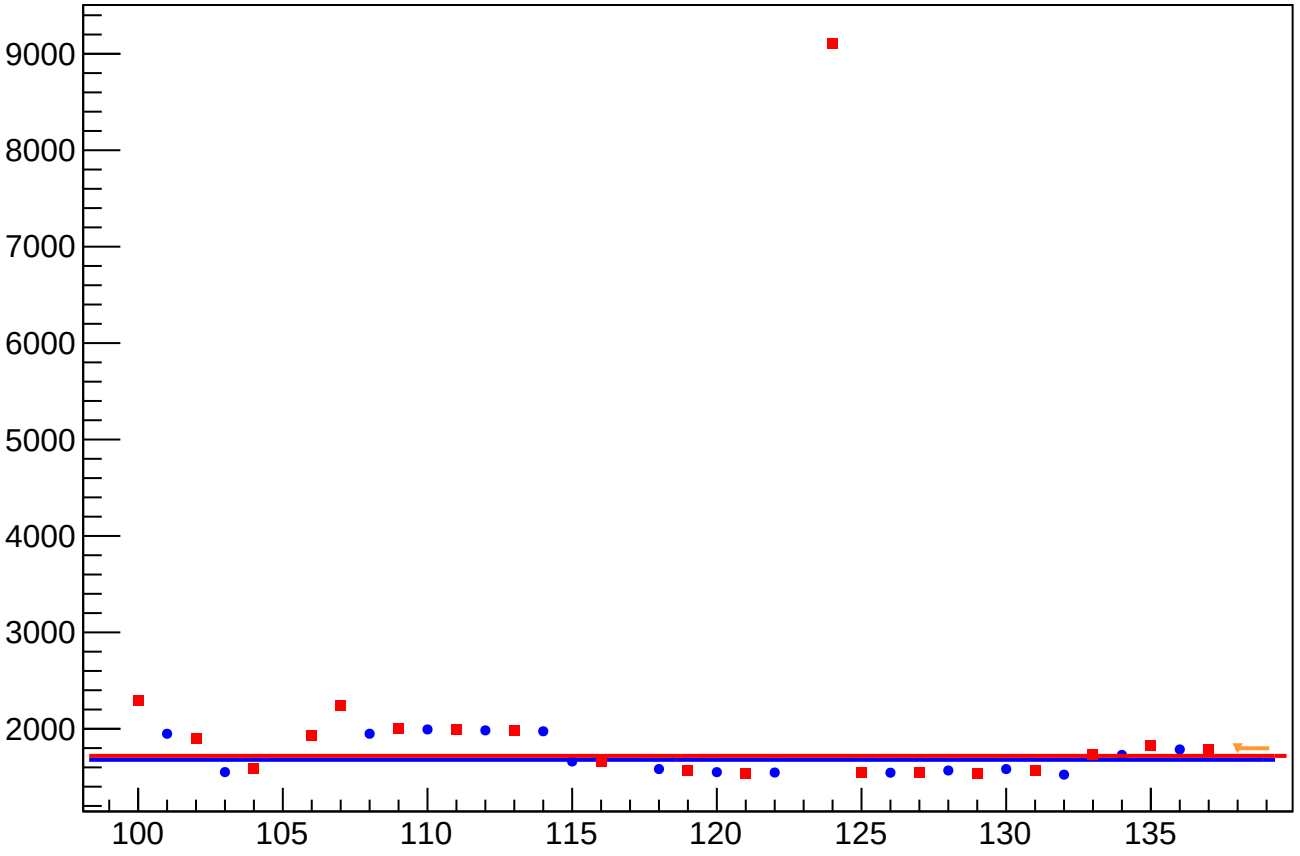
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1976.049+/-599.978 χ^2/NDF: 10.9/16

All: 311.554+/-438.420 χ^2/NDF: 46.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1678.543+/-0.444 χ^2/NDF: 141482.7/15

Left Out: 1798.117+/-1.439 χ^2/NDF:0.0/0

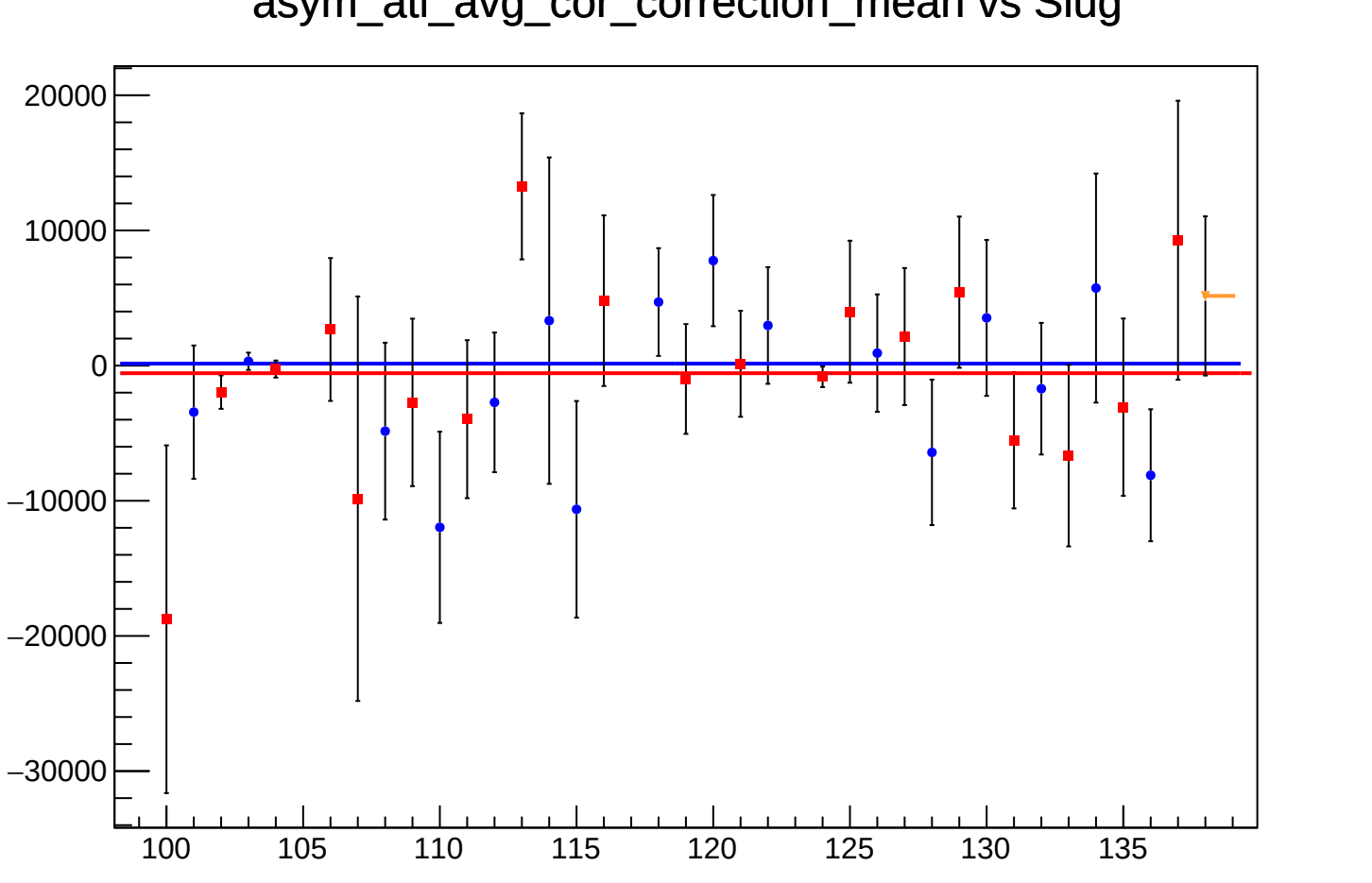
Right Out: 1719.146+/-0.452 χ^2/NDF: 384922.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1688.932+/-0.424 χ^2/NDF: 147785.1/16

All: 1703.077+/-0.309 χ^2/NDF: 535082.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.548+/-579.356 χ^2/NDF: 15.8/15

Left Out: 5156.176+/-5887.674 χ^2/NDF:0.0/0

Right Out: -561.454+/-430.621 χ^2/NDF: 17.2/18

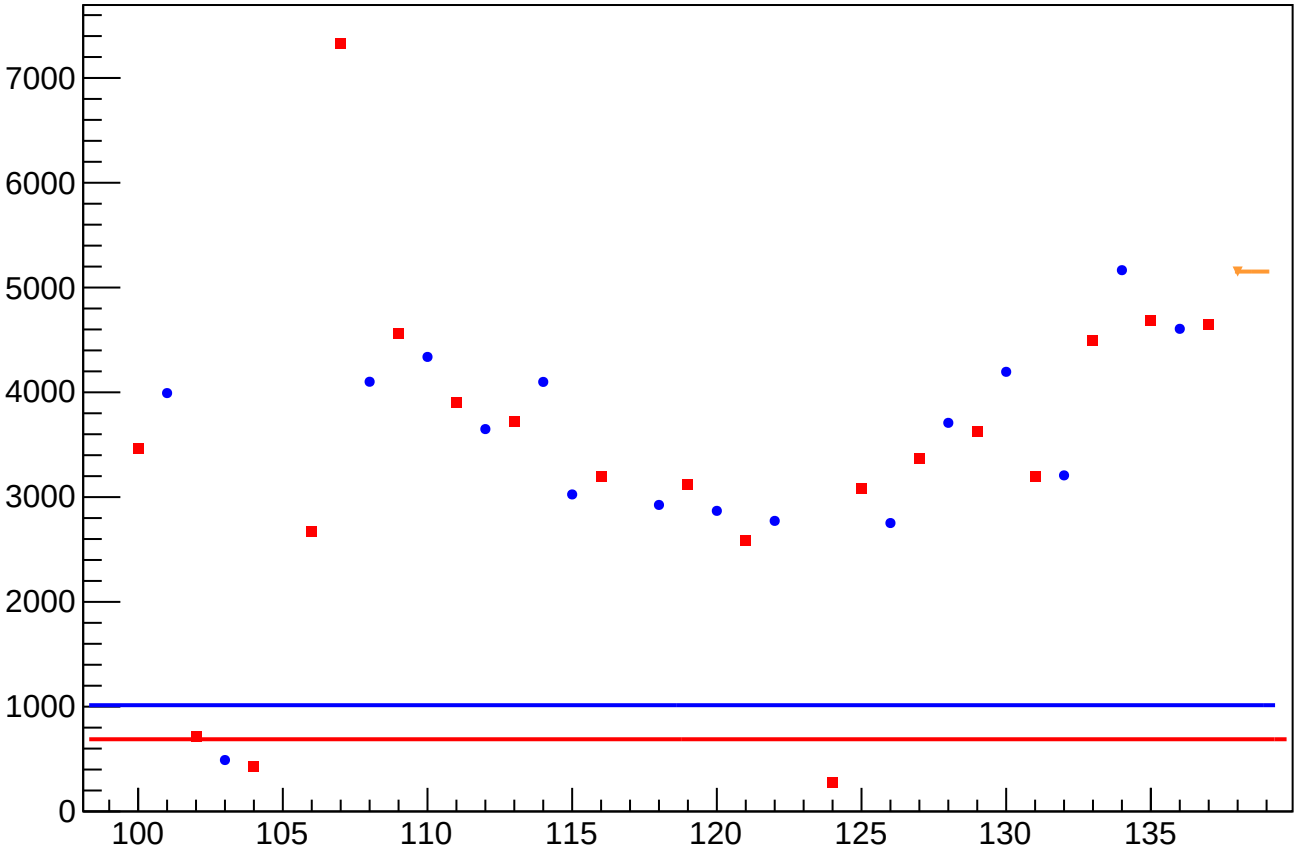
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 194.590+/-576.571 χ^2/NDF: 16.5/16

All: -290.736+/-345.015 χ^2/NDF: 34.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 1014.094+/-0.410 χ^2/NDF: 8223017.6/15

Left Out: 5152.561+/-4.163 χ^2/NDF:0.0/0

Right Out: 689.055+/-0.304 χ^2/NDF: 8910364.4/18

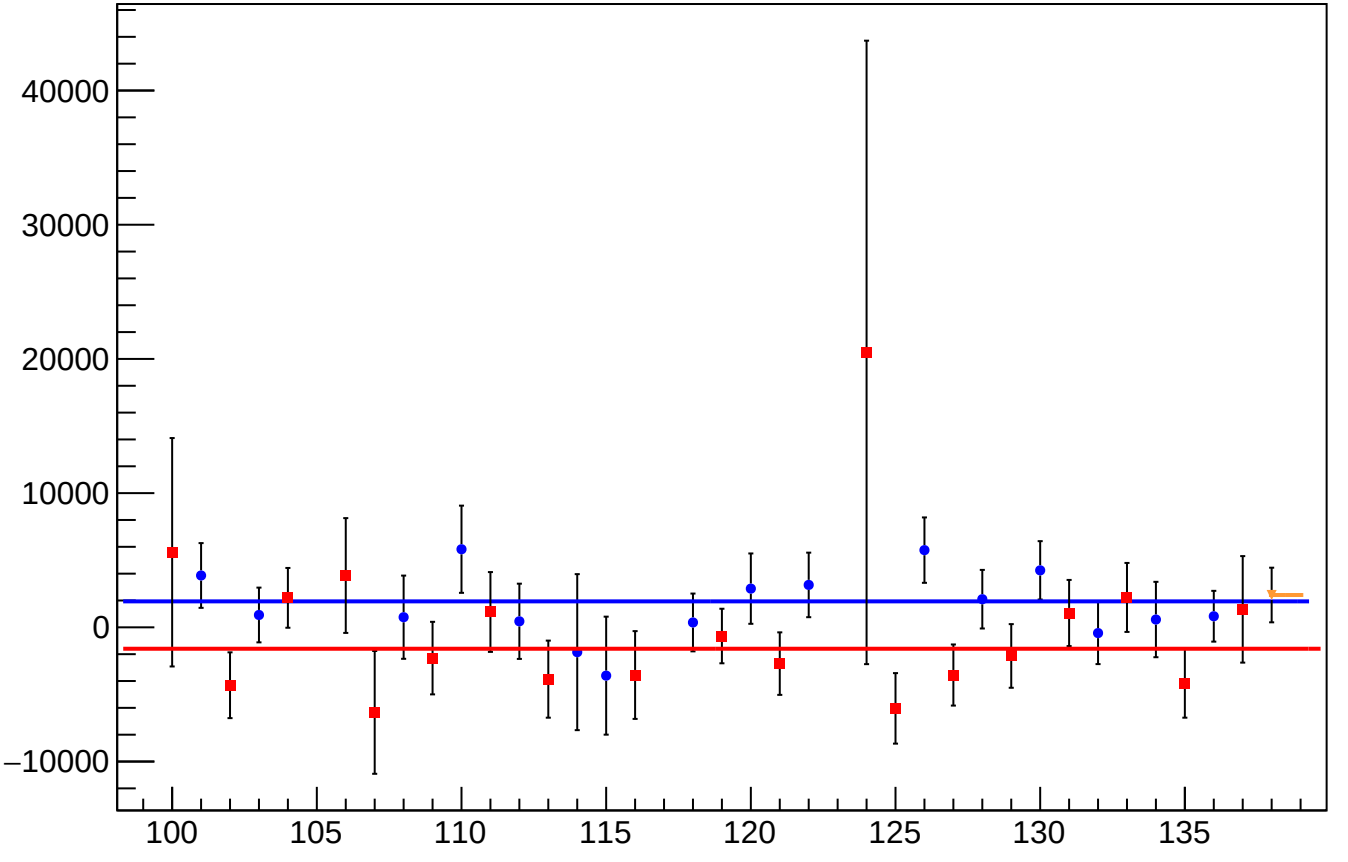
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1053.782+/-0.408 χ^2/NDF: 9201688.2/16

All: 819.654+/-0.244 χ^2/NDF: 18625797.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 1934.871+/-627.874 χ^2/NDF: 10.9/15

Left Out: 2408.807+/-2035.473 χ^2/NDF:0.0/0

Right Out: -1595.521+/-642.212 χ^2/NDF: 19.4/18

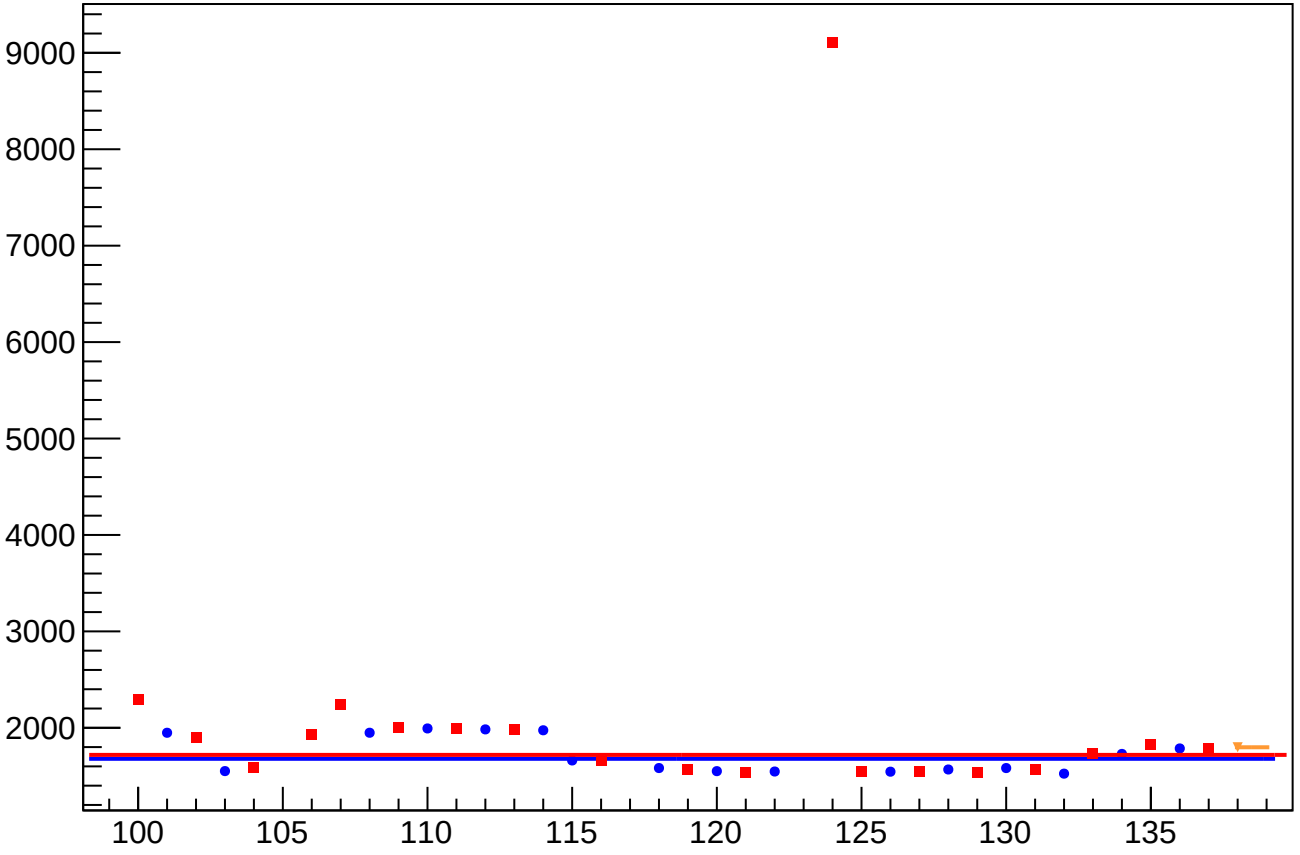
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1976.049+/-599.978 χ^2/NDF: 10.9/16

All: 311.554+/-438.420 χ^2/NDF: 46.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1678.543+/-0.444 χ^2/NDF: 141482.7/15

Left Out: 1798.117+/-1.439 χ^2/NDF:0.0/0

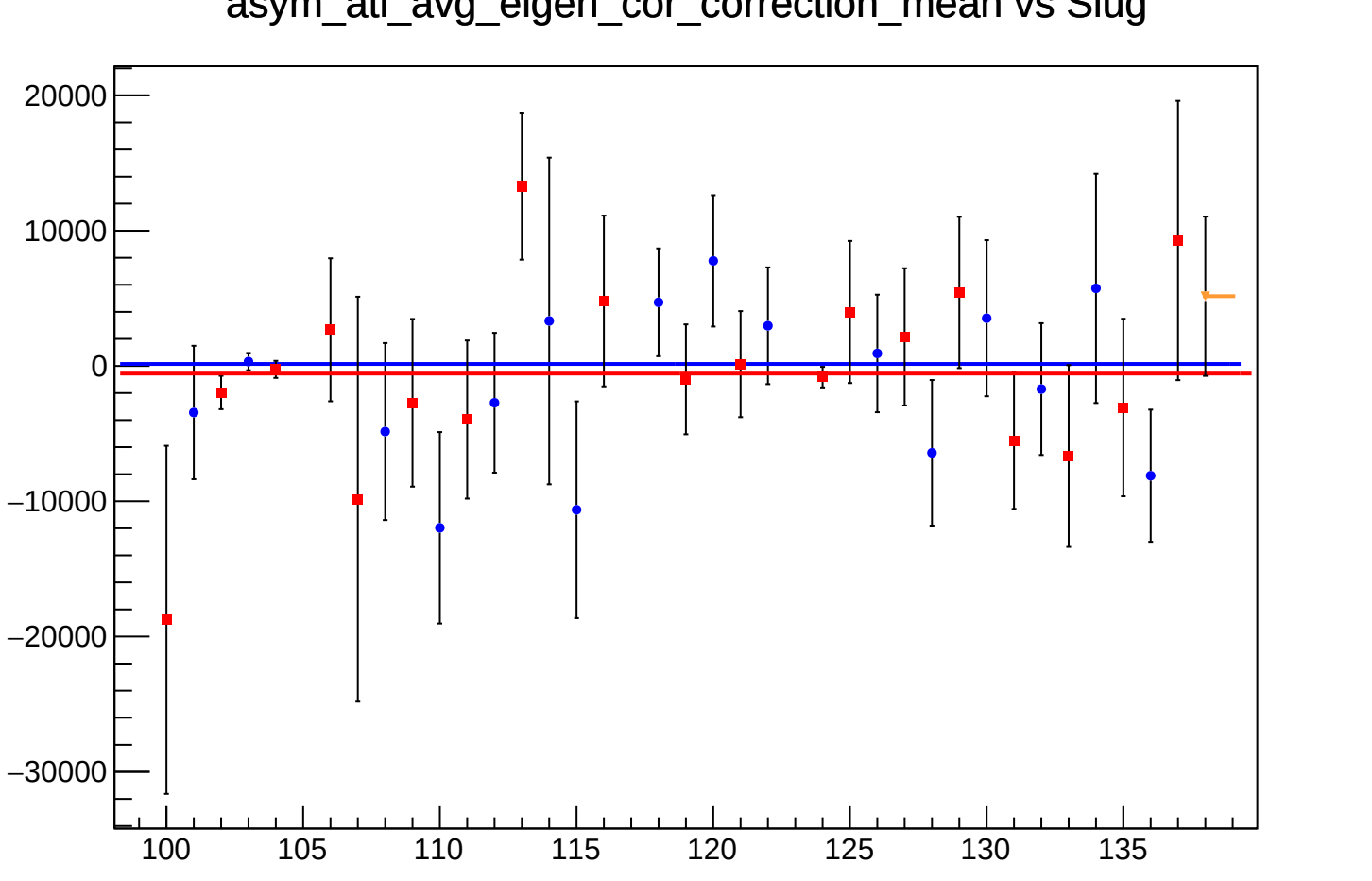
Right Out: 1719.146+/-0.452 χ^2/NDF: 384922.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1688.932+/-0.424 χ^2/NDF: 147785.1/16

All: 1703.077+/-0.309 χ^2/NDF: 535082.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.548+/-579.356 χ^2/NDF: 15.8/15

Left Out: 5156.176+/-5887.674 χ^2/NDF:0.0/0

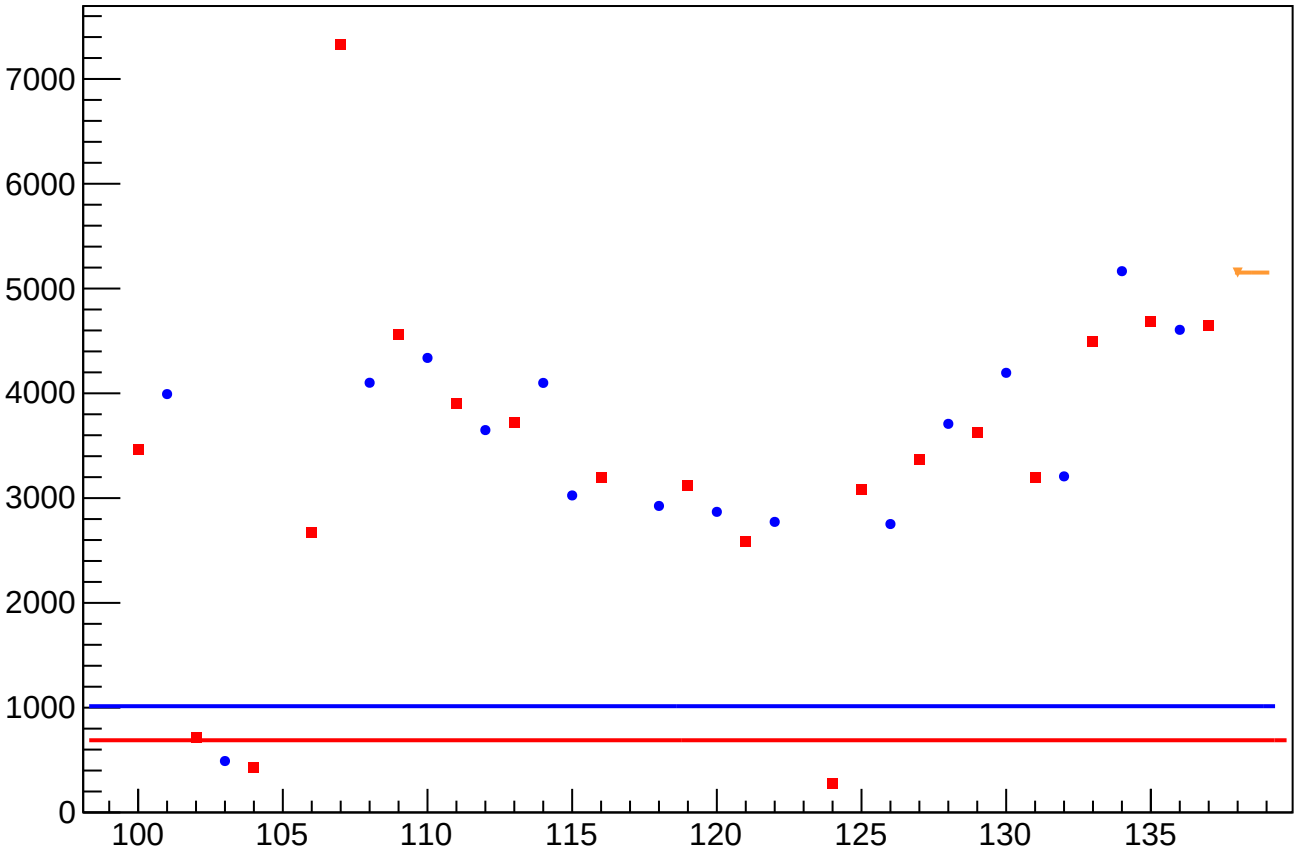
Right Out: -561.454+/-430.621 χ^2/NDF: 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 194.590+/-576.571 χ^2/NDF: 16.5/16

All: -290.736+/-345.015 χ^2/NDF: 34.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1014.094+/-0.410 χ^2/NDF: 8223017.6/15

Left Out: 5152.561+/-4.163 χ^2/NDF:0.0/0

Right Out: 689.055+/-0.304 χ^2/NDF: 8910364.4/18

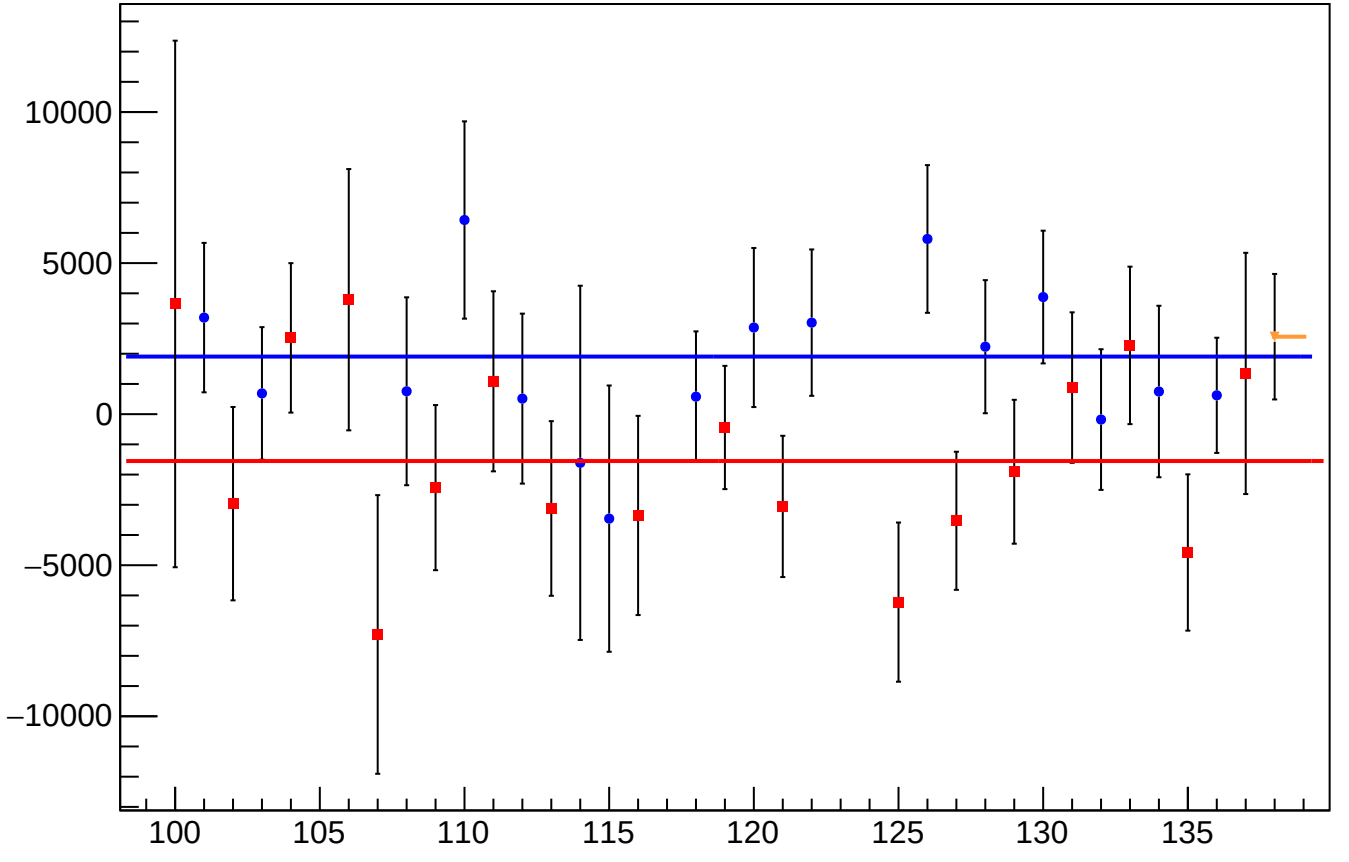
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1053.782+/-0.408 χ^2/NDF: 9201688.2/16

All: 819.654+/-0.244 χ^2/NDF: 18625797.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 1906.205+/-636.433 χ^2/NDF: 10.2/15

Left Out: 2564.188+/-2077.312 χ^2/NDF:0.0/0

Right Out: -1550.986+/-661.054 χ^2/NDF: 17.5/17

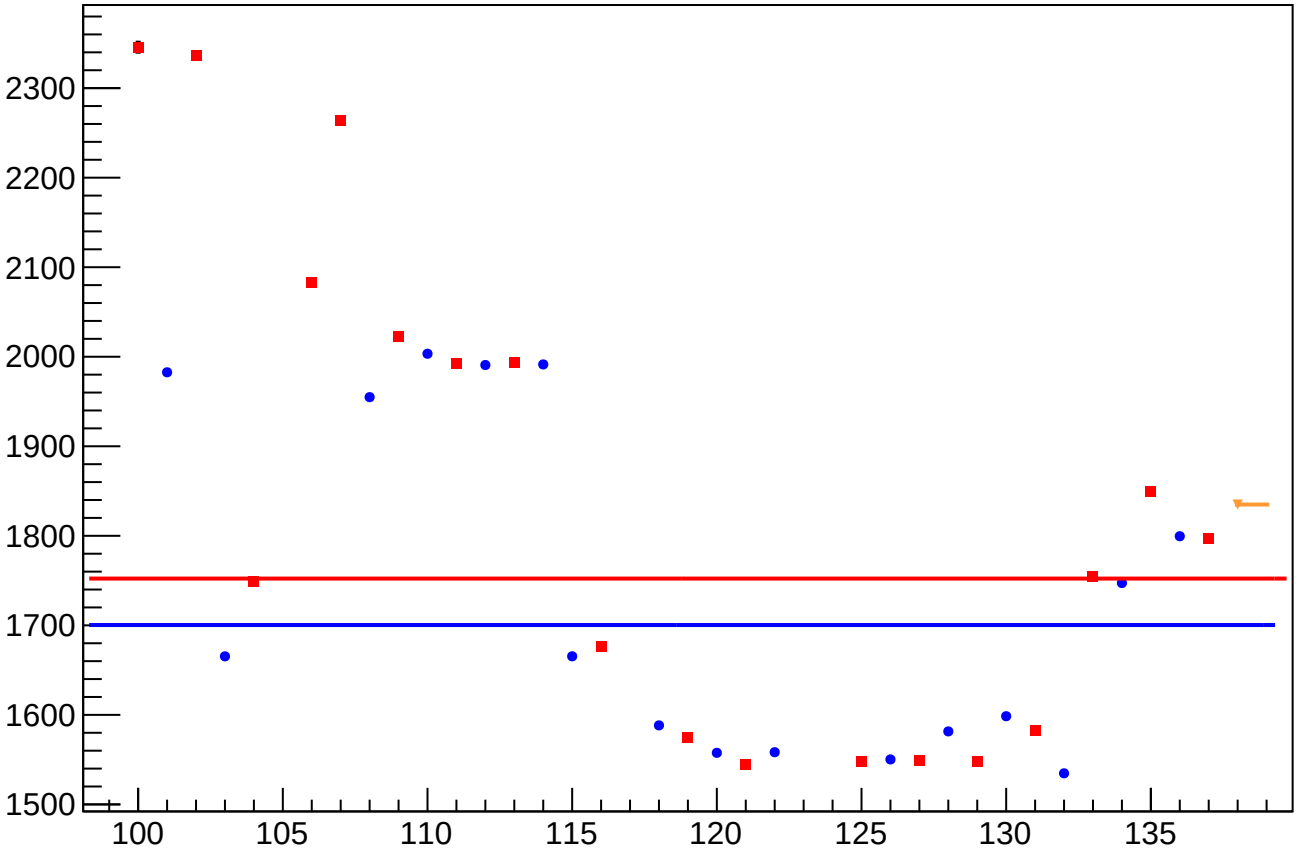
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1962.667+/-608.515 χ^2/NDF: 10.3/16

All: 350.999+/-447.708 χ^2/NDF: 43.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1700.357+/-0.450 χ^2/NDF: 135419.2/15

Left Out: 1834.943+/-1.469 χ^2/NDF:0.0/0

Right Out: 1752.239+/-0.466 χ^2/NDF: 247952.8/17

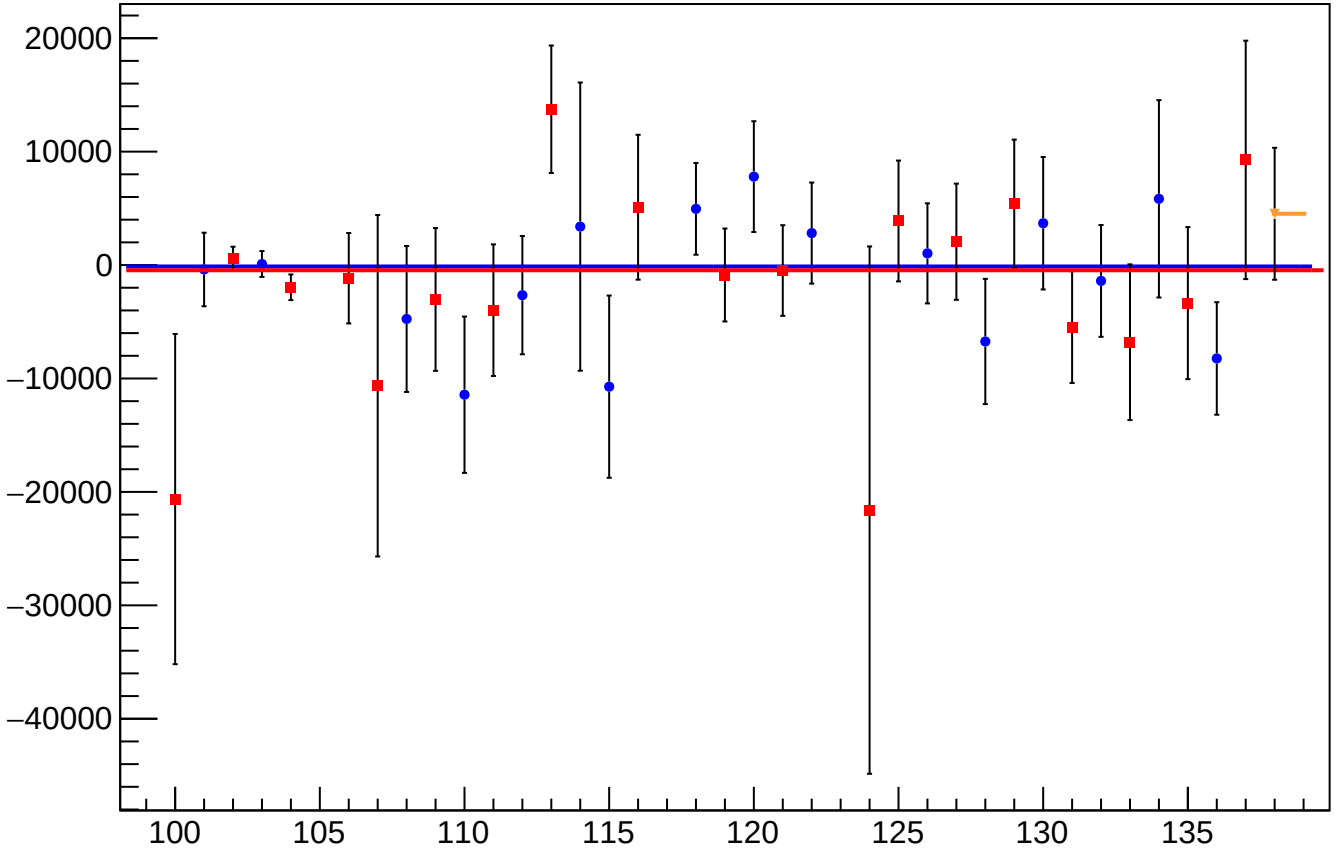
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1711.906+/-0.430 χ^2/NDF: 143093.9/16

All: 1730.452+/-0.316 χ^2/NDF: 395086.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



Right In: -125.468+/-867.645 χ^2/NDF: 15.1/15

Left Out: 4521.611+/-5814.710 χ^2/NDF:0.0/0

Right Out: -459.431+/-679.157 χ^2/NDF: 18.5/18

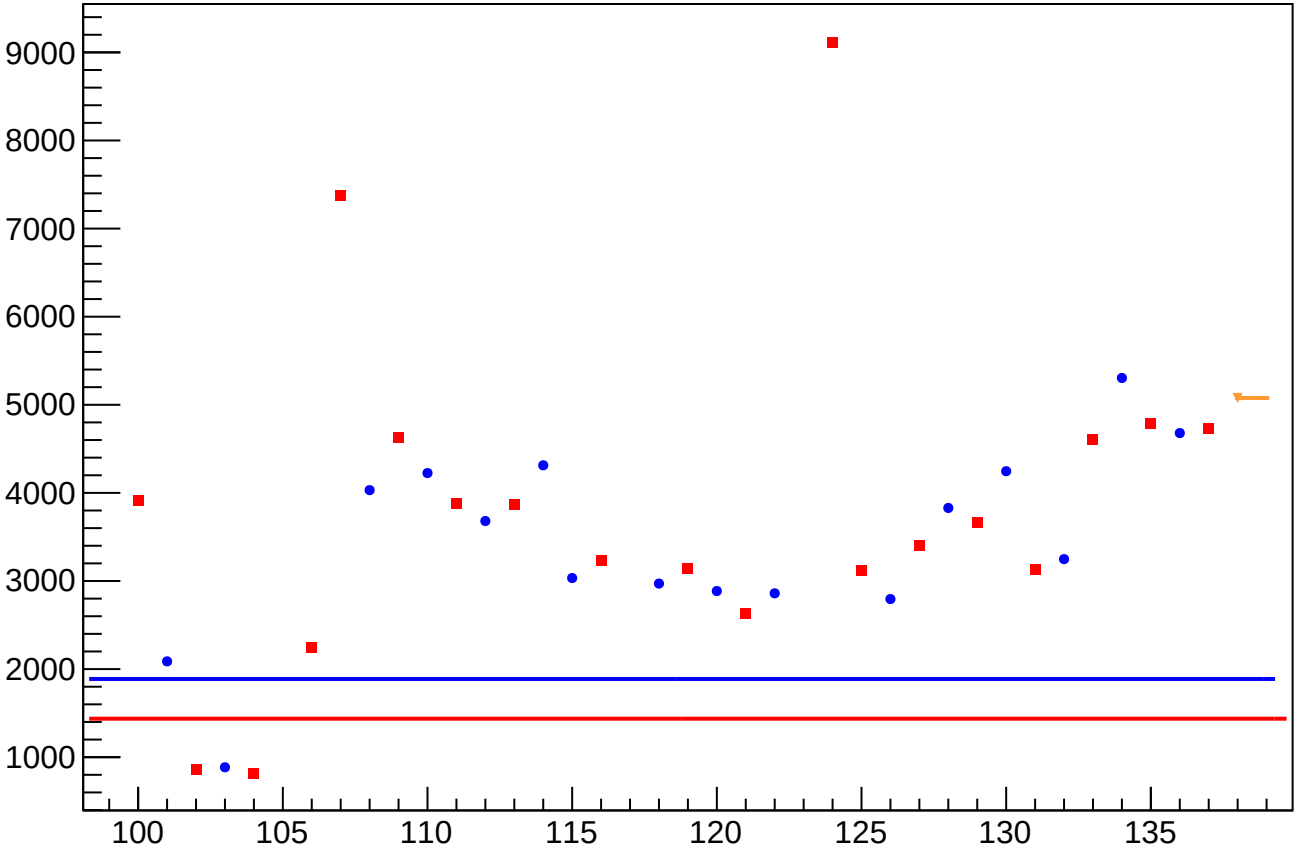
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -24.253+/-858.144 χ^2/NDF: 15.7/16

All: -291.832+/-532.553 χ^2/NDF: 34.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1887.999+/-0.614 χ^2/NDF: 4425691.6/15

Left Out: 5077.133+/-4.112 χ^2/NDF:0.0/0

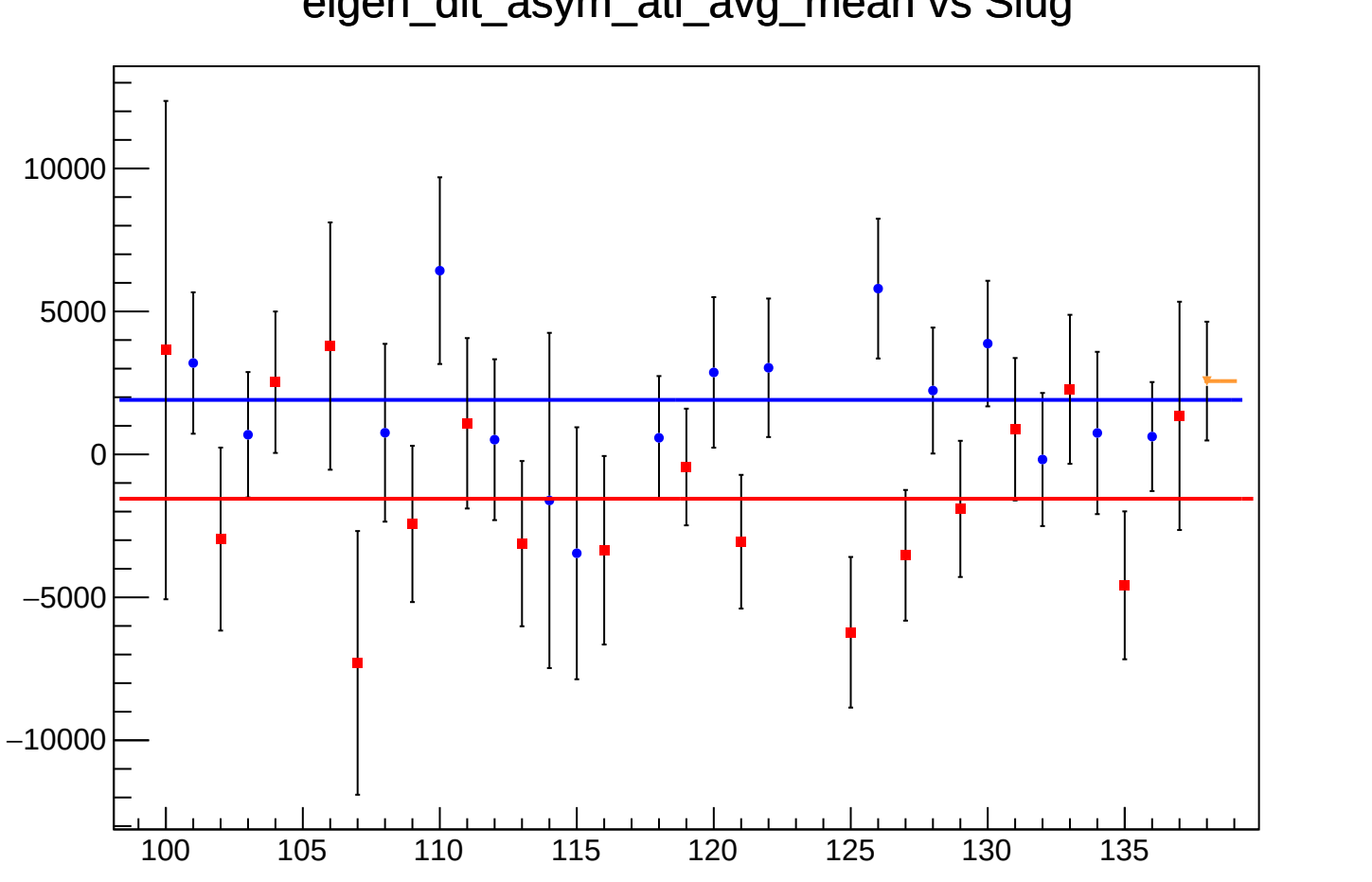
Right Out: 1437.108+/-0.480 χ^2/NDF: 5964193.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1957.459+/-0.607 χ^2/NDF: 5014204.3/16

All: 1637.510+/-0.377 χ^2/NDF: 11430552.8/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1906.203+/-636.433 χ^2/NDF: 10.2/15

Left Out: 2564.222+/-2077.311 χ^2/NDF:0.0/0

Right Out: -1550.983+/-661.054 χ^2/NDF: 17.5/17

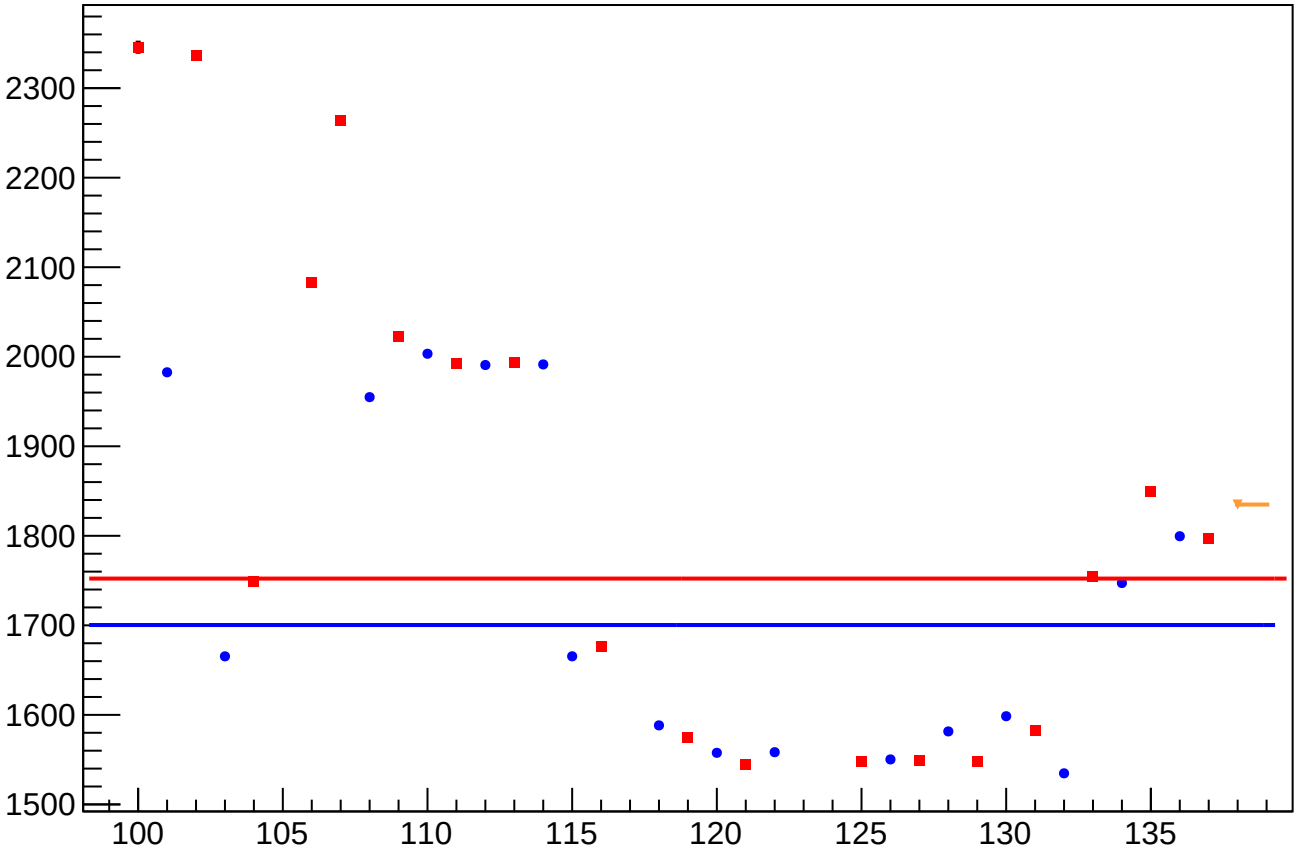
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1962.668+/-608.515 χ^2/NDF: 10.3/16

All: 351.001+/-447.708 χ^2/NDF: 43.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1700.357+/-0.450 χ^2/NDF: 135419.5/15

Left Out: 1834.942+/-1.469 χ^2/NDF:0.0/0

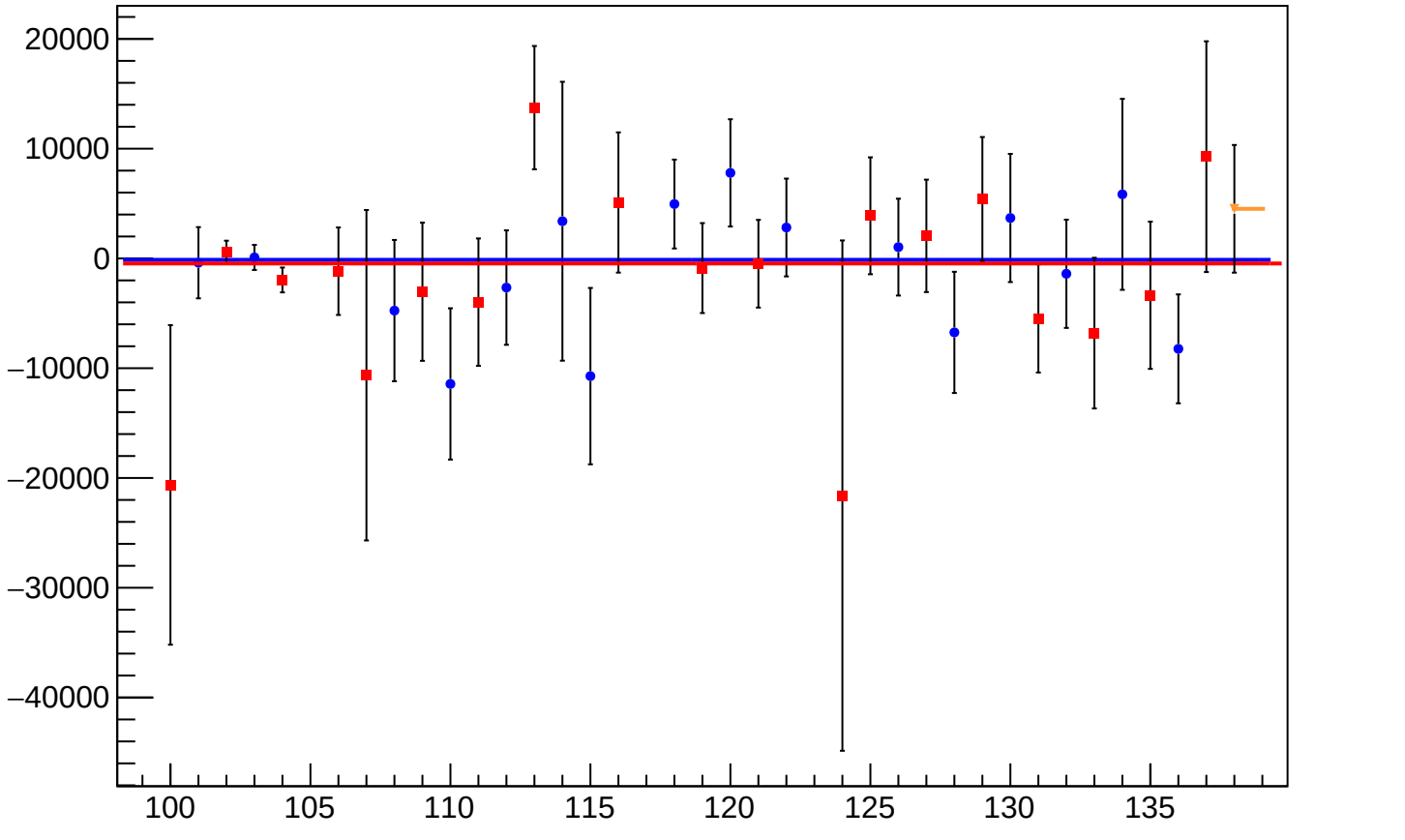
Right Out: 1752.238+/-0.466 χ^2/NDF: 247952.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1711.906+/-0.430 χ^2/NDF: 143094.1/16

All: 1730.451+/-0.316 χ^2/NDF: 395086.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -125.464+/-867.639 χ^2/NDF: 15.1/15

Left Out: 4521.641+/-5814.729 χ^2/NDF:0.0/0

Right Out: -459.430+/-679.152 χ^2/NDF: 18.5/18

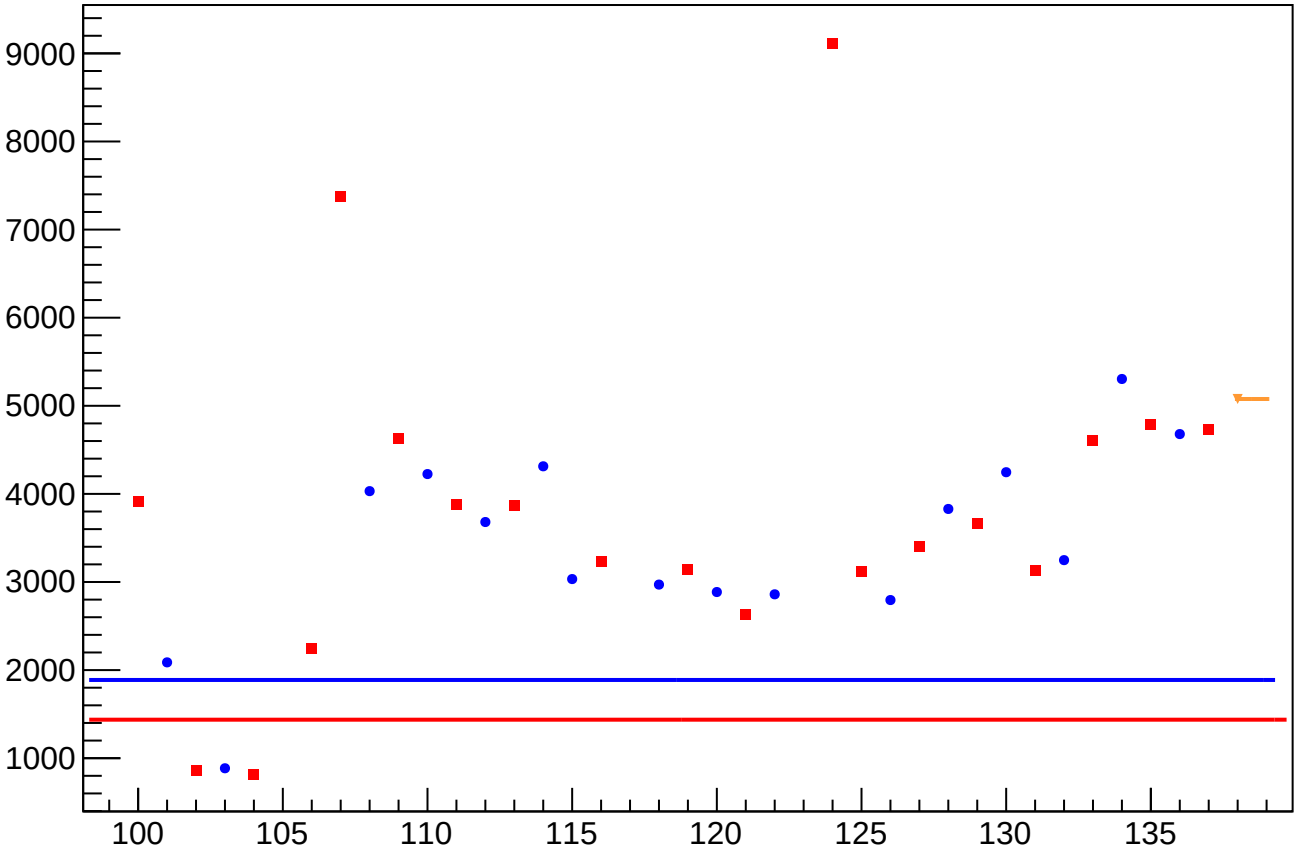
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -24.250+/-858.139 χ^2/NDF: 15.7/16

All: -291.830+/-532.549 χ^2/NDF: 34.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1887.982+/-0.614 χ^2/NDF: 4425728.6/15

Left Out: 5077.150+/-4.112 χ^2/NDF:0.0/0

Right Out: 1437.095+/-0.480 χ^2/NDF: 5964228.2/18

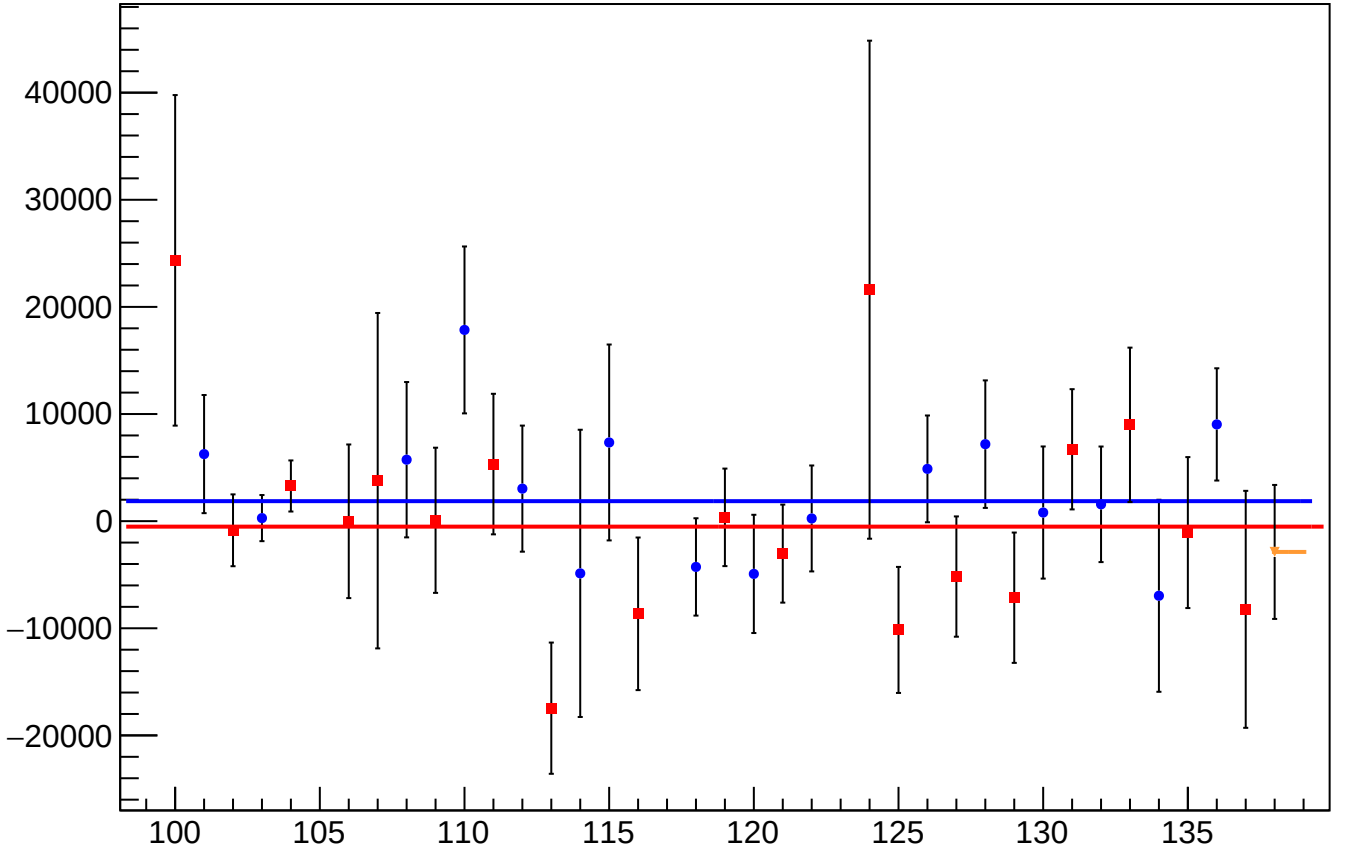
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1957.442+/-0.607 χ^2/NDF: 5014250.1/16

All: 1637.494+/-0.377 χ^2/NDF: 11430633.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1866.618+/-1259.187 χ^2/NDF: 13.8/15

Left Out: -2873.613+/-6253.972 χ^2/NDF:0.0/0

Right Out: -512.528+/-1241.513 χ^2/NDF: 24.7/18

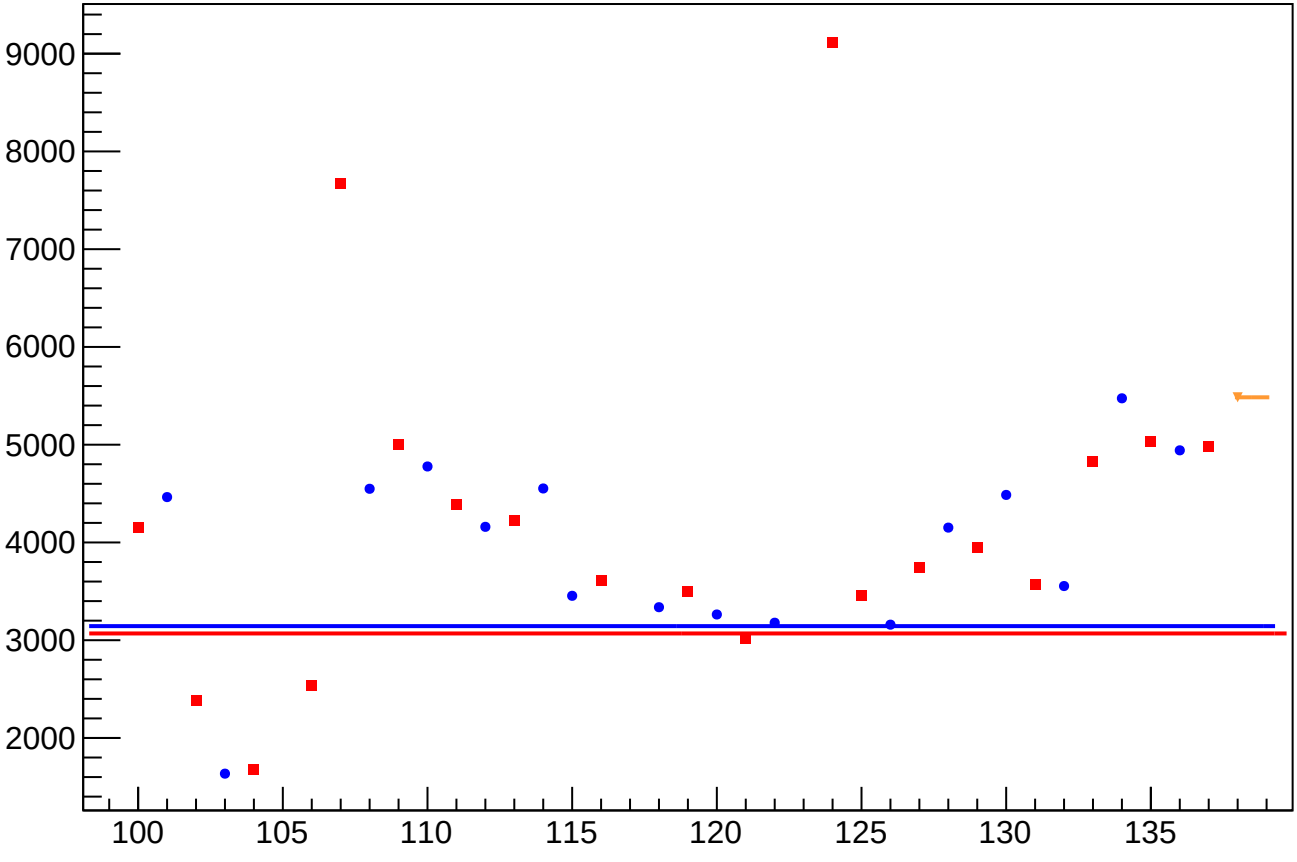
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1681.942+/-1234.415 χ^2/NDF: 14.4/16

All: 590.998+/-875.362 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_rms vs Slug



Right In: 3144.136+/-0.890 χ^2/NDF: 1883139.2/15

Left Out: 5484.720+/-4.422 χ^2/NDF:0.0/0

Right Out: 3069.098+/-0.864 χ^2/NDF: 1881644.6/18

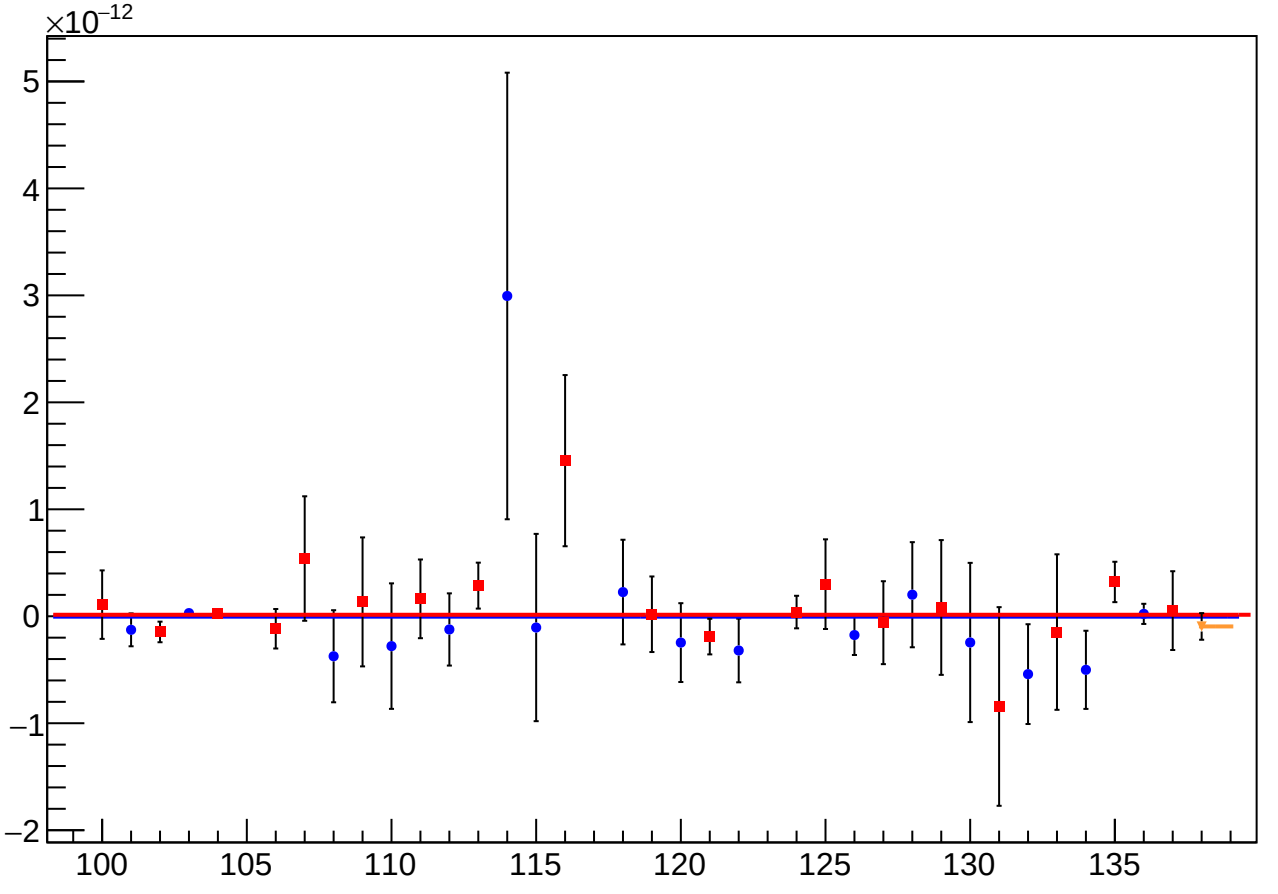
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3235.323+/-0.873 χ^2/NDF: 2152359.9/16

All: 3151.382+/-0.614 χ^2/NDF: 4052318.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 10.7/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

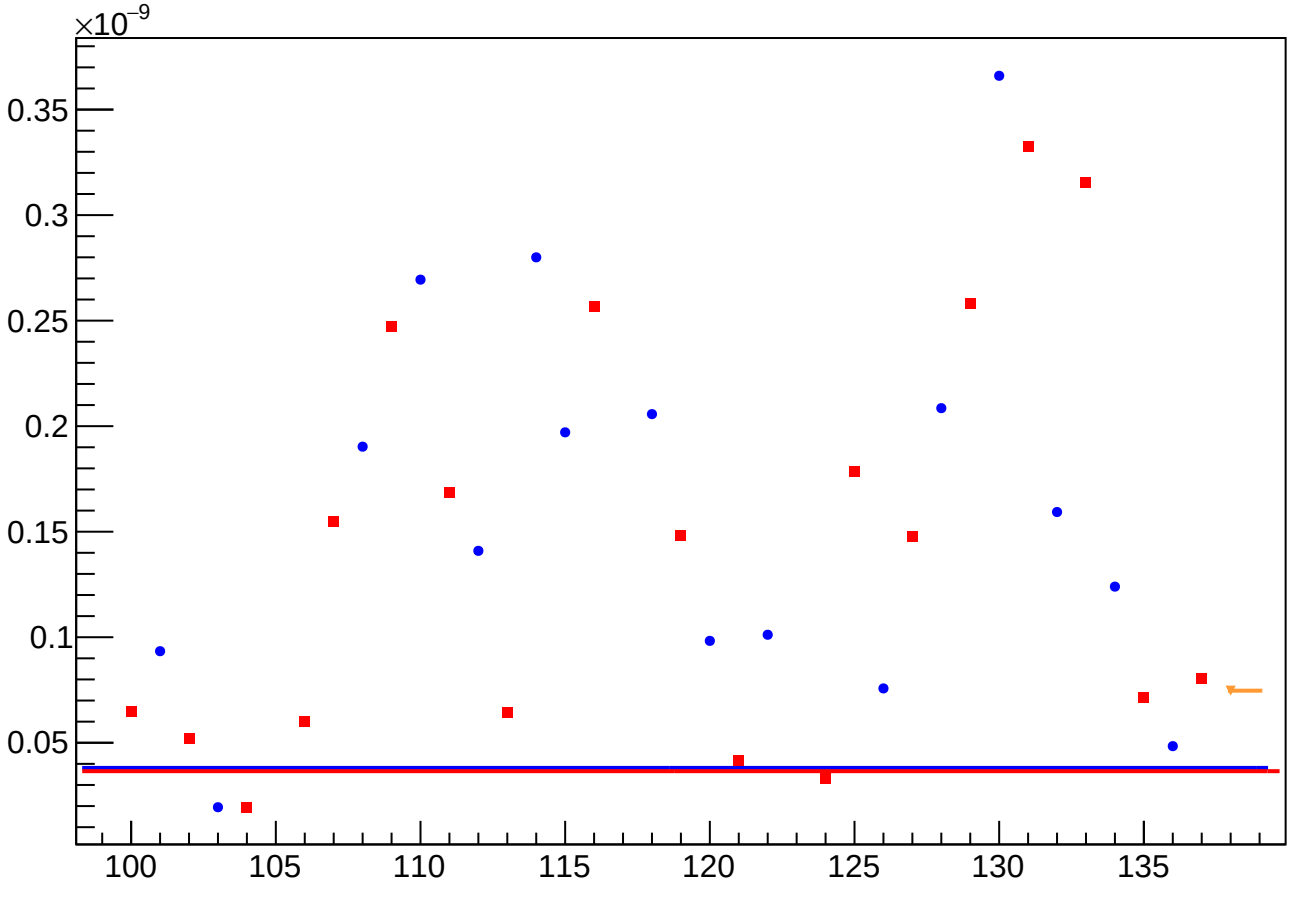
Right Out: 0.000+/-0.000 χ^2/NDF: 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 11.2/16

All: 0.000+/-0.000 χ^2/NDF: 26.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2888502.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2683451.3/18

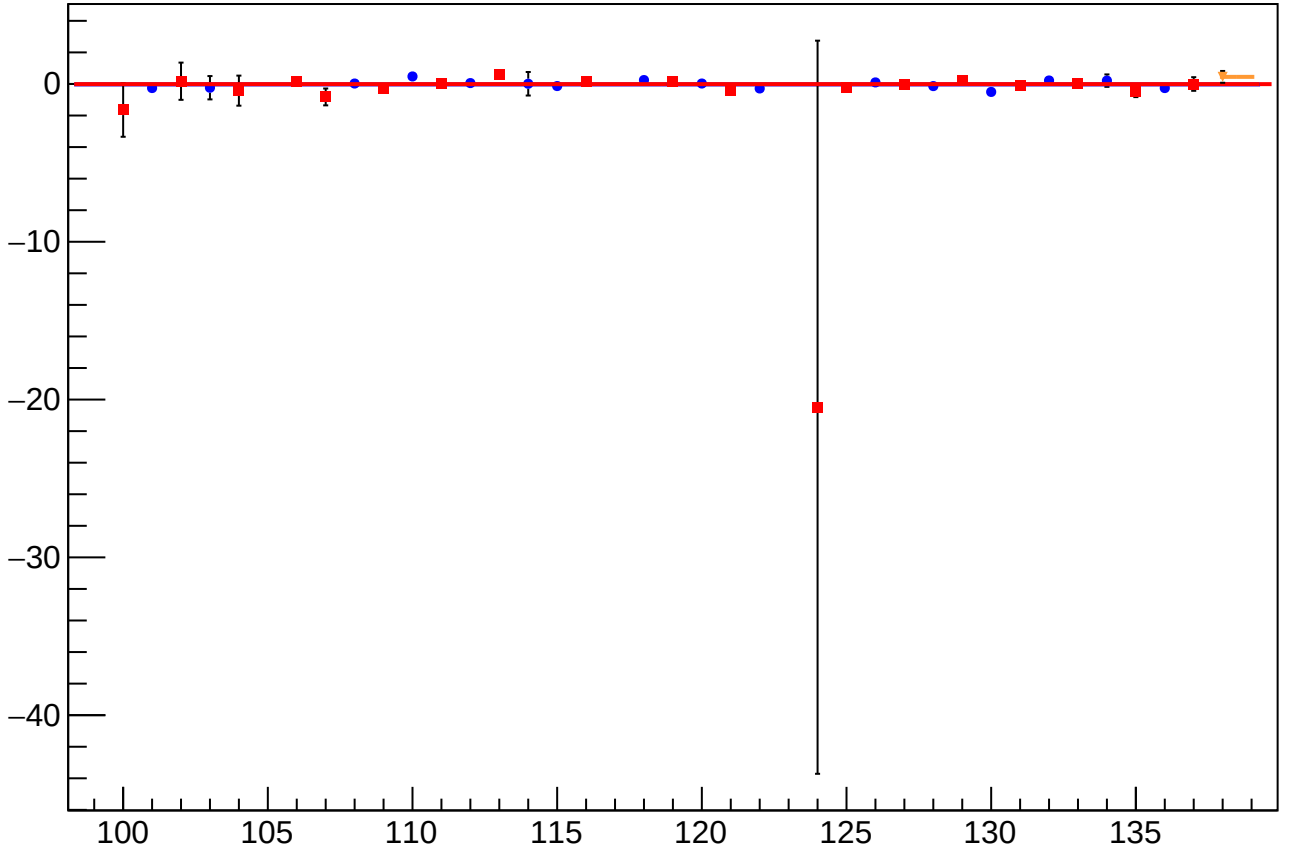
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3049458.0/16

All: 0.000+/-0.000 χ^2/NDF: 5748564.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.029+/-0.058 χ^2/NDF: 17.2/15

Left Out: 0.449+/-0.374 χ^2/NDF:0.0/0

Right Out: -0.011+/-0.057 χ^2/NDF: 21.8/18

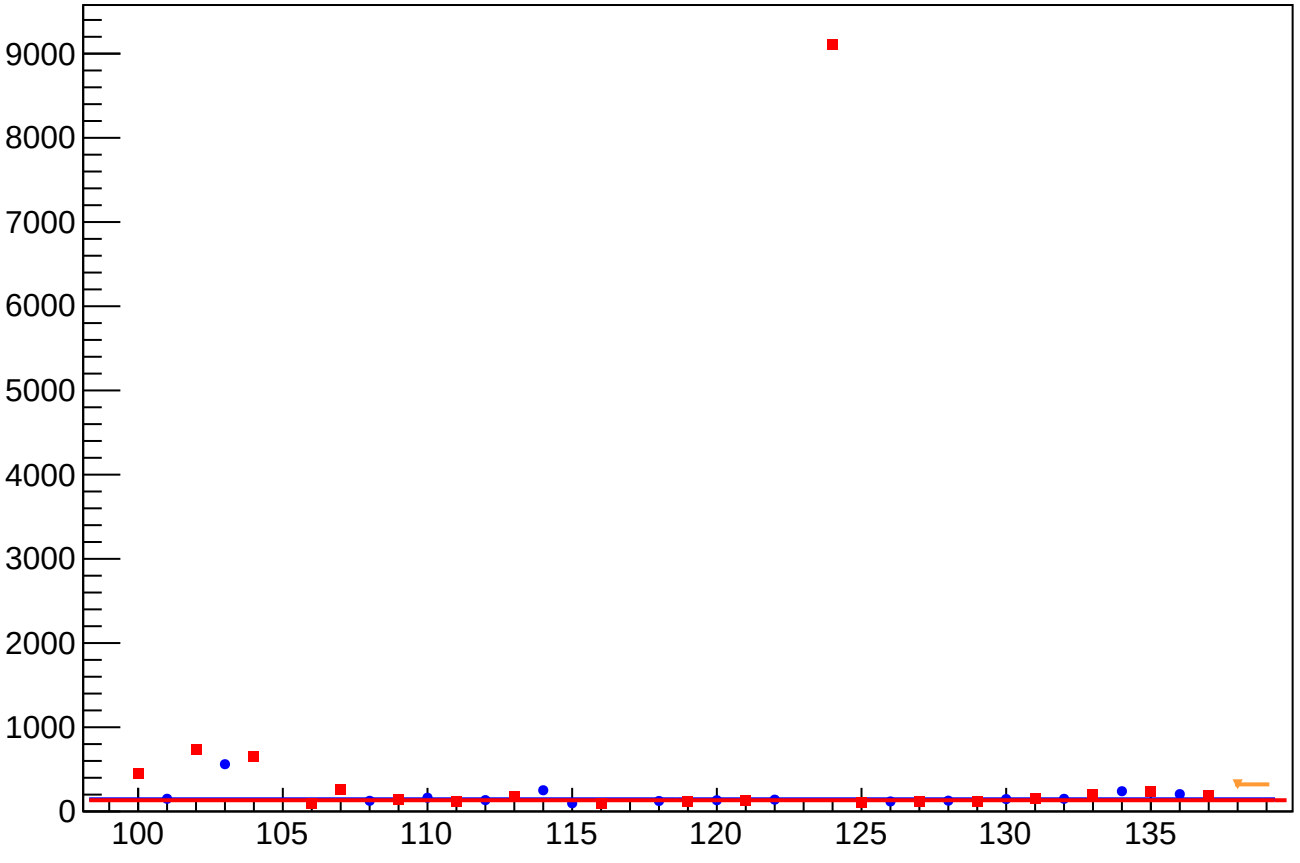
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.018+/-0.057 χ^2/NDF: 18.8/16

All: -0.014+/-0.040 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 144.291+/-0.041 χ^2/NDF: 1128779.2/15

Left Out: 321.523+/-0.265 χ^2/NDF:0.0/0

Right Out: 133.253+/-0.040 χ^2/NDF: 2220645.6/18

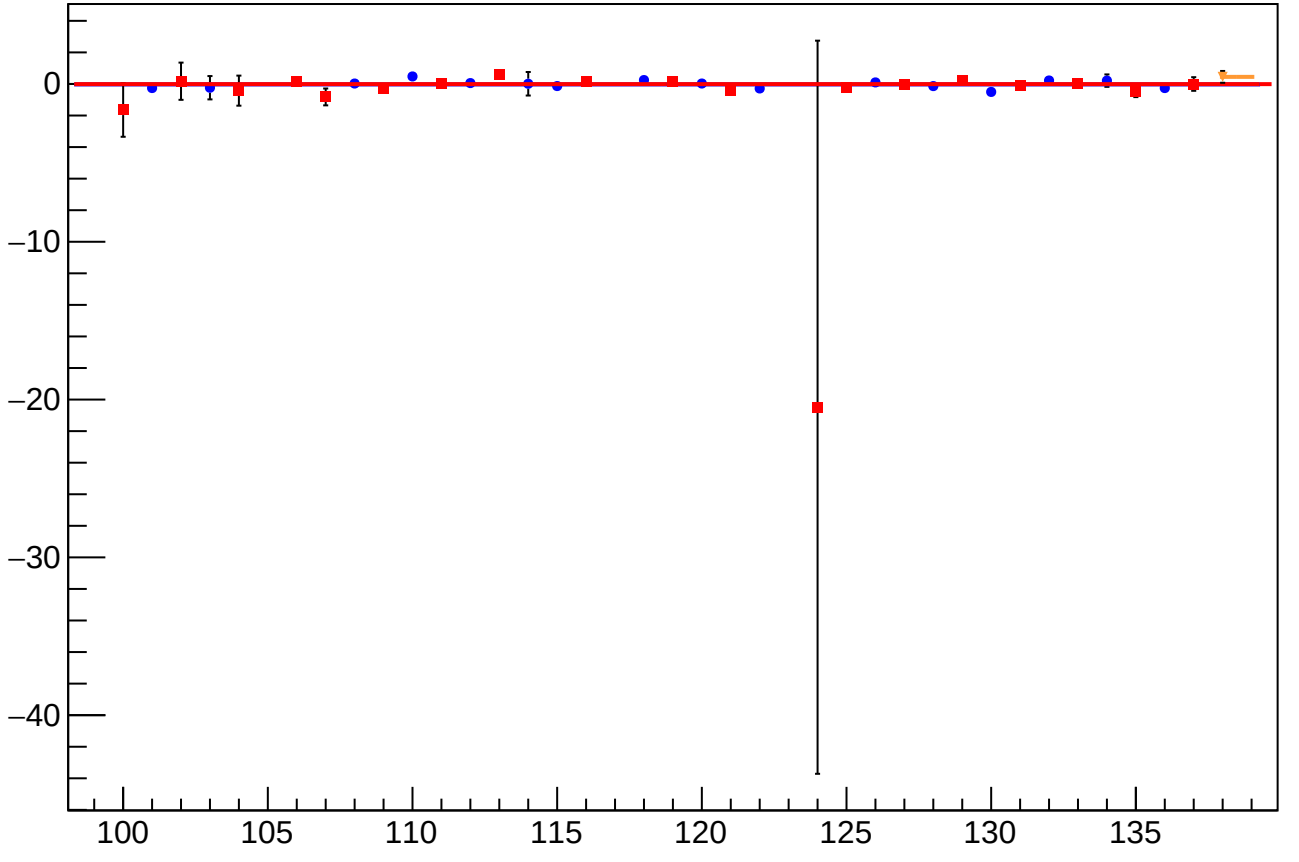
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 148.421+/-0.040 χ^2/NDF: 1566556.7/16

All: 140.752+/-0.028 χ^2/NDF: 3858428.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.029+/-0.058 χ^2/NDF: 17.2/15

Left Out: 0.449+/-0.374 χ^2/NDF:0.0/0

Right Out: -0.011+/-0.057 χ^2/NDF: 21.8/18

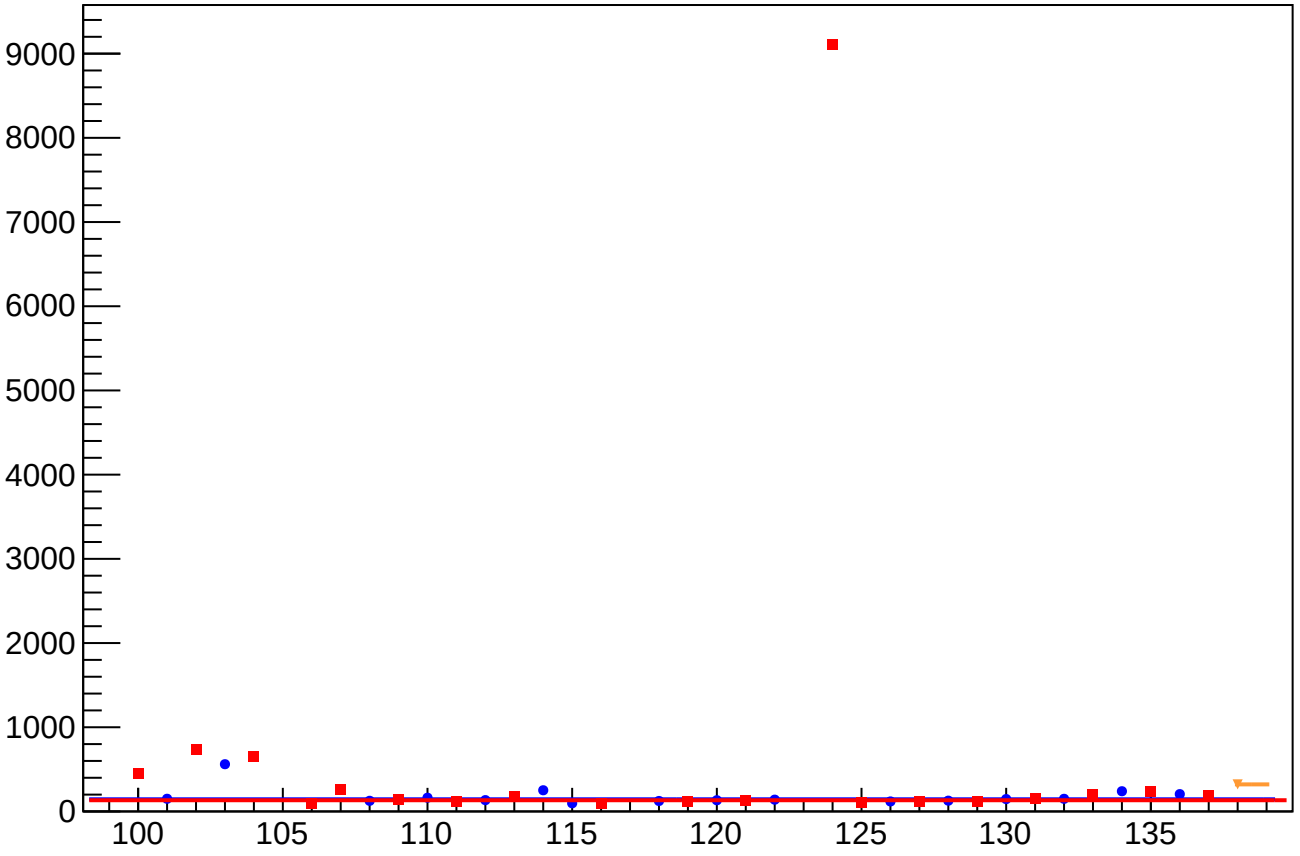
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.018+/-0.057 χ^2/NDF: 18.8/16

All: -0.014+/-0.040 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 144.291+/-0.041 χ^2/NDF: 1128779.2/15

Left Out: 321.523+/-0.265 χ^2/NDF:0.0/0

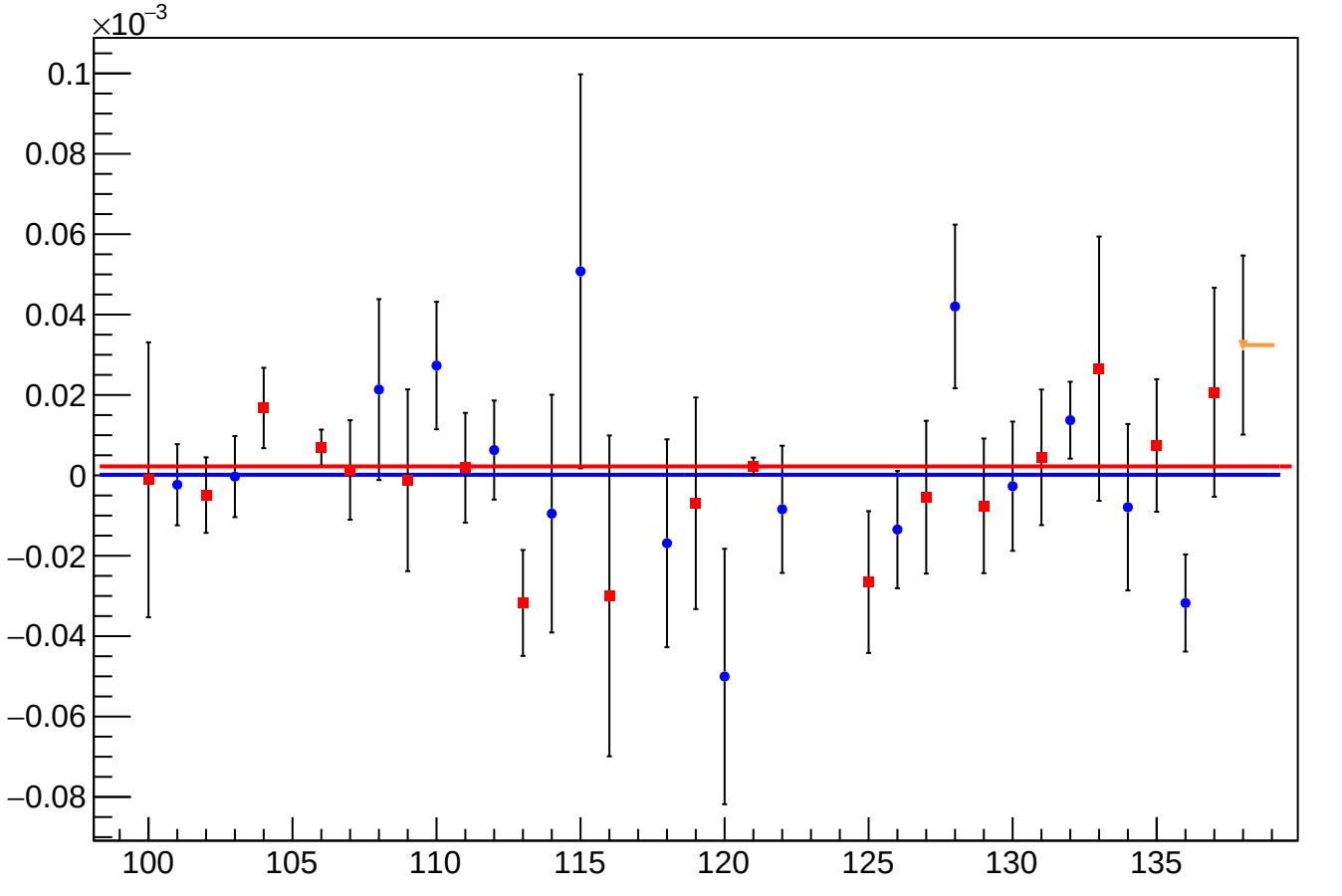
Right Out: 133.253+/-0.040 χ^2/NDF: 2220645.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 148.421+/-0.040 χ^2/NDF: 1566556.7/16

All: 140.752+/-0.028 χ^2/NDF: 3858428.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 15.6/17

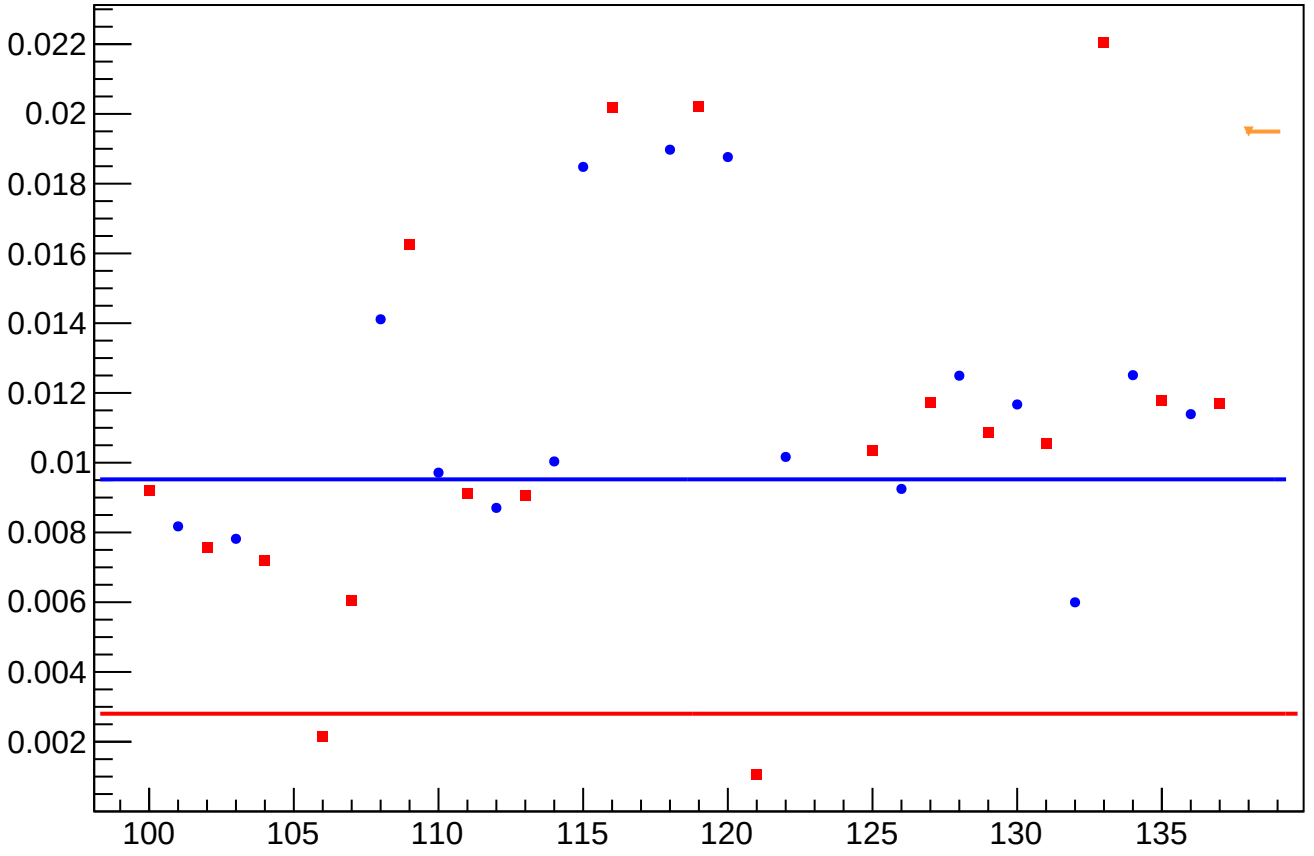
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 24.8/16

All: 0.000+/-0.000 χ^2/NDF: 40.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF: 1132946.4/15

Left Out: 0.019+/-0.000 χ^2/NDF:0.0/0

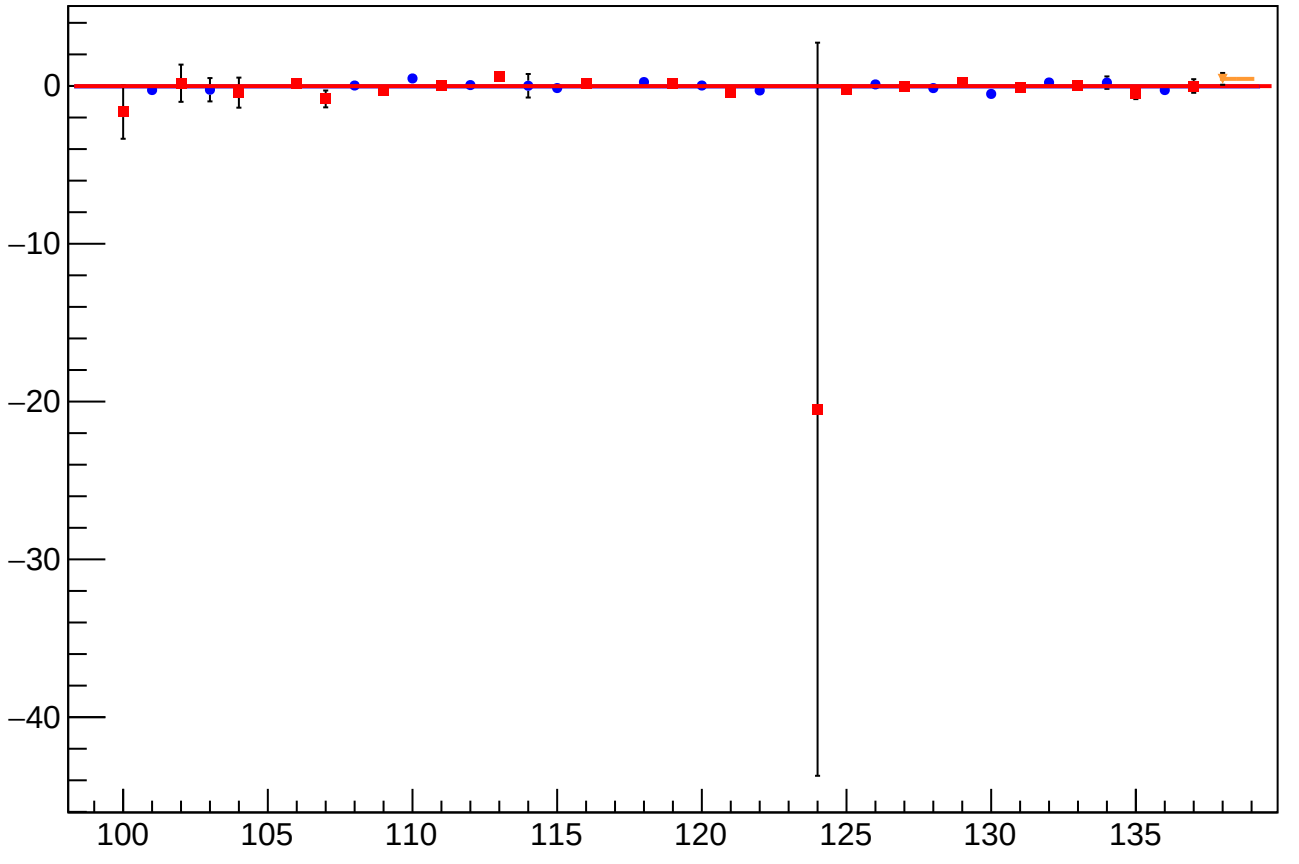
Right Out: 0.003+/-0.000 χ^2/NDF: 8568874.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.000 χ^2/NDF: 1522637.5/16

All: 0.004+/-0.000 χ^2/NDF: 15985962.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.029+/-0.058 χ^2/NDF: 17.2/15

Left Out: 0.449+/-0.374 χ^2/NDF:0.0/0

Right Out: -0.011+/-0.057 χ^2/NDF: 21.8/18

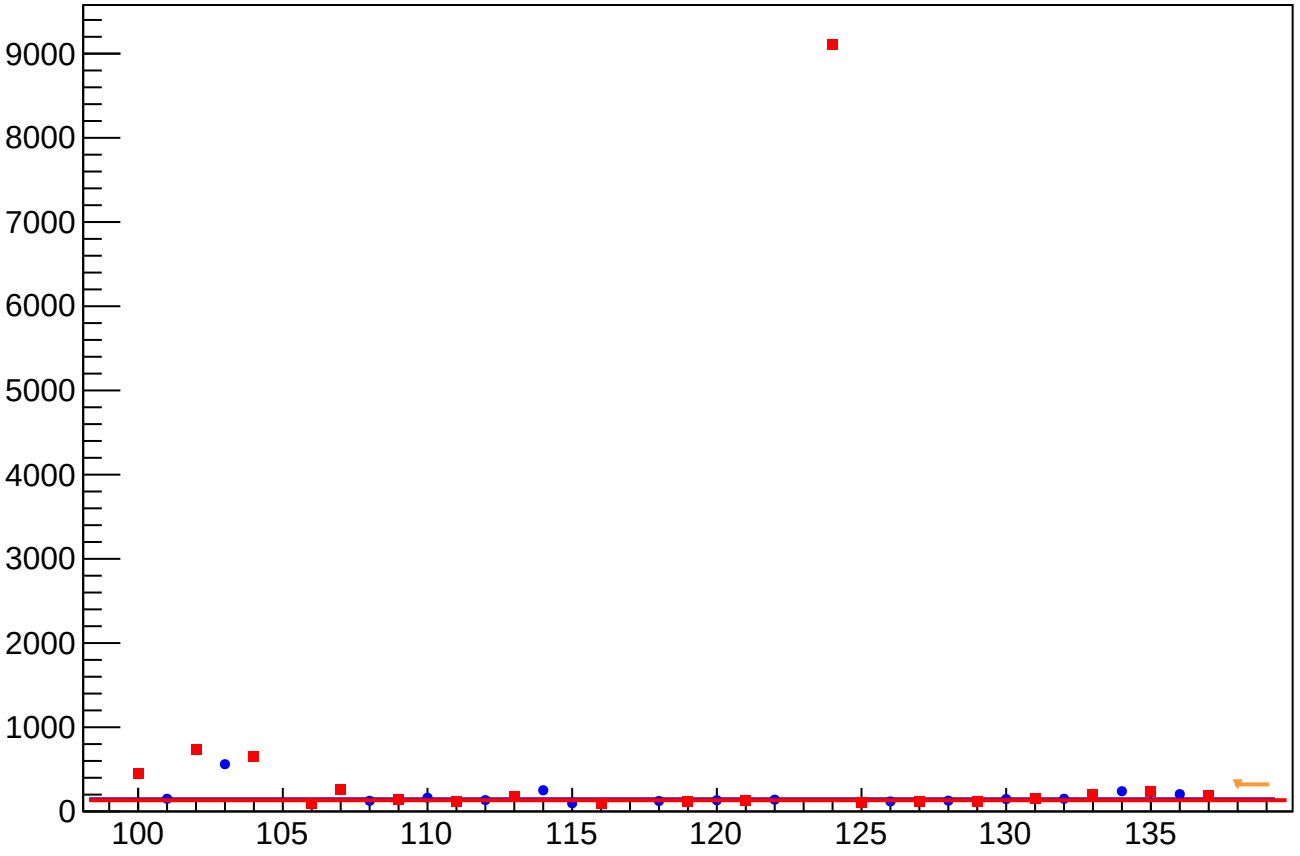
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.018+/-0.057 χ^2/NDF: 18.8/16

All: -0.014+/-0.040 χ^2/NDF: 40.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 144.289+/-0.041 χ^2/NDF: 1128804.3/15

Left Out: 321.524+/-0.265 χ^2/NDF:0.0/0

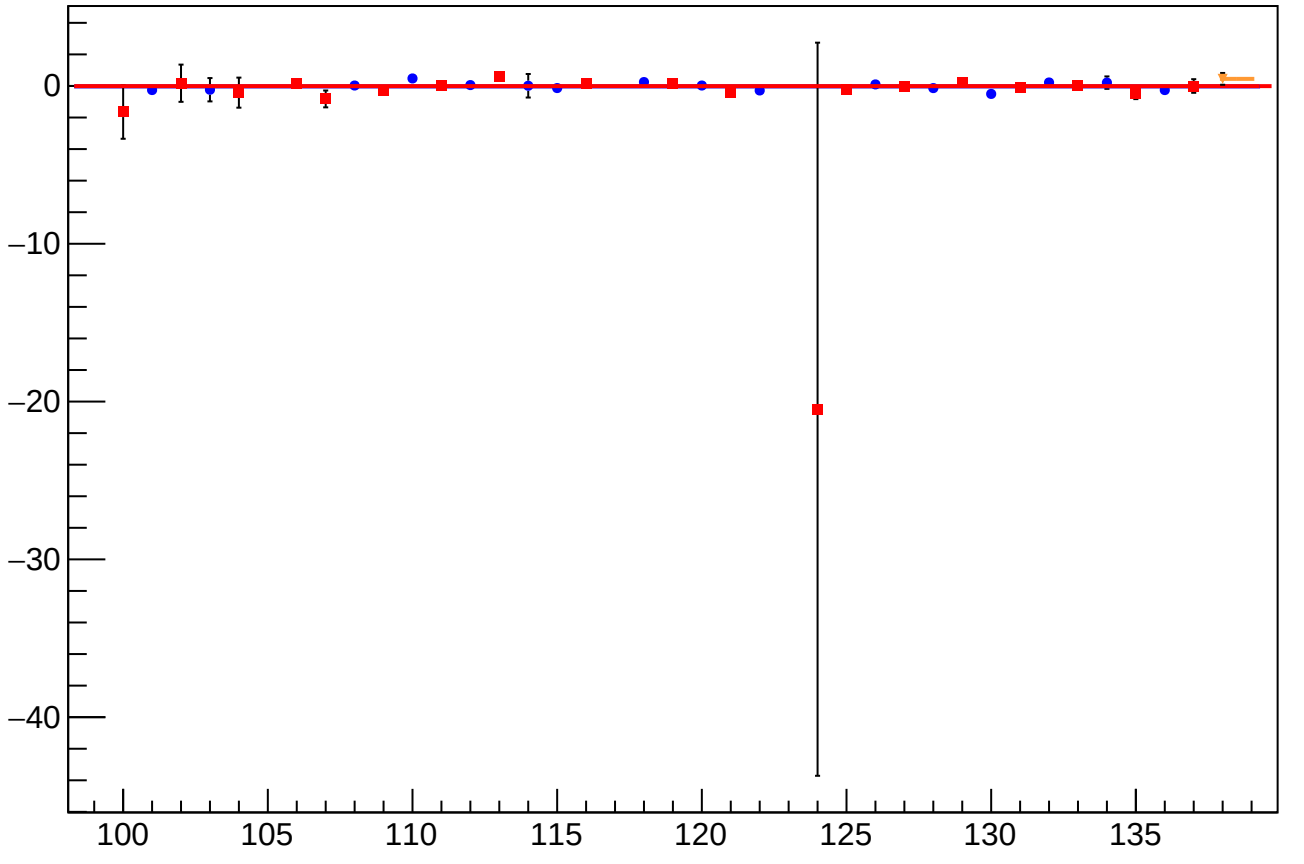
Right Out: 133.253+/-0.040 χ^2/NDF: 2220606.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 148.419+/-0.040 χ^2/NDF: 1566594.7/16

All: 140.751+/-0.028 χ^2/NDF: 3858419.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.029+/-0.058 χ^2/NDF: 17.2/15

Left Out: 0.449+/-0.374 χ^2/NDF:0.0/0

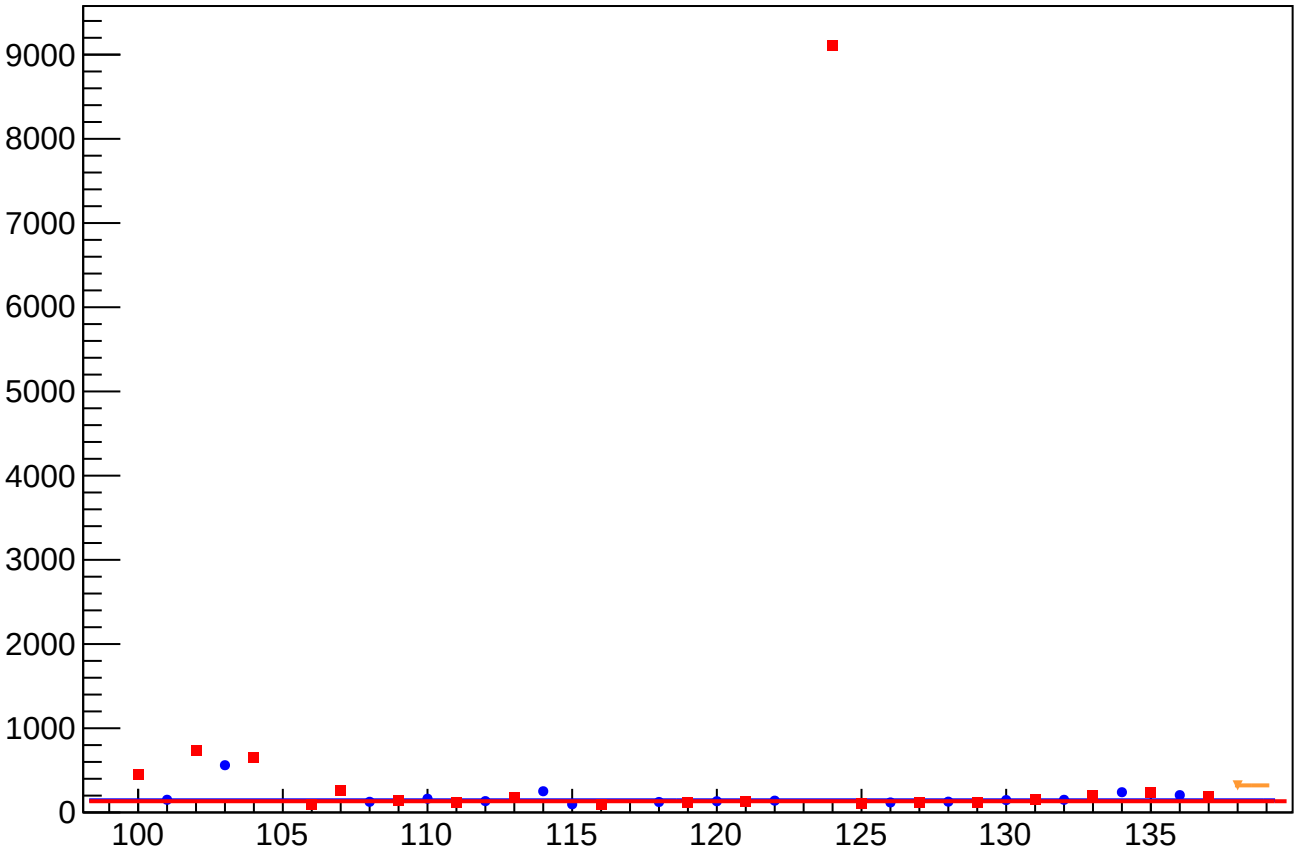
Right Out: -0.011+/-0.057 χ^2/NDF: 21.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.018+/-0.057 χ^2/NDF: 18.8/16

All: -0.014+/-0.040 χ^2/NDF: 40.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 144.289+/-0.041 χ^2/NDF: 1128804.3/15

Left Out: 321.524+/-0.265 χ^2/NDF:0.0/0

Right Out: 133.253+/-0.040 χ^2/NDF: 2220606.0/18

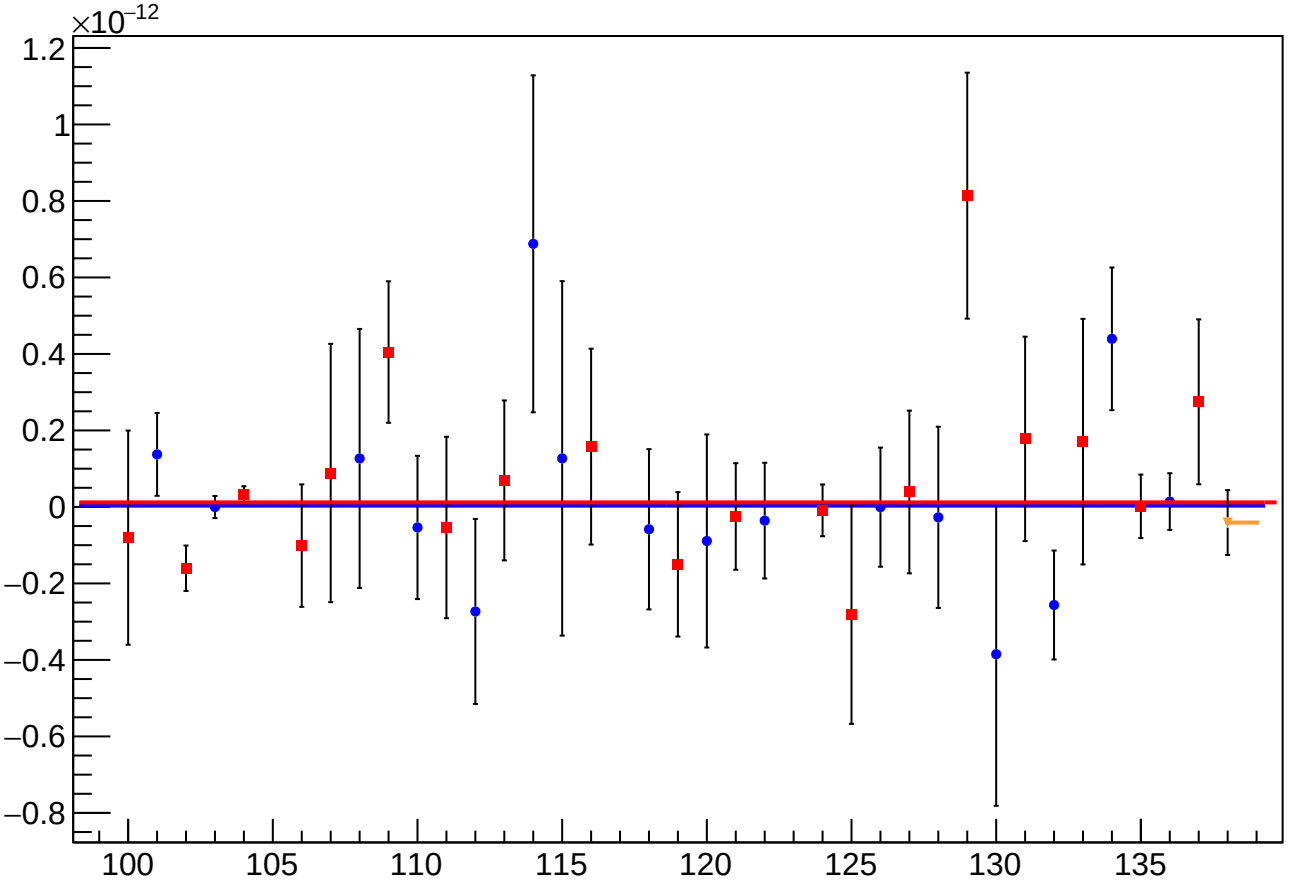
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 148.419+/-0.040 χ^2/NDF: 1566594.7/16

All: 140.751+/-0.028 χ^2/NDF: 3858419.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 15.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

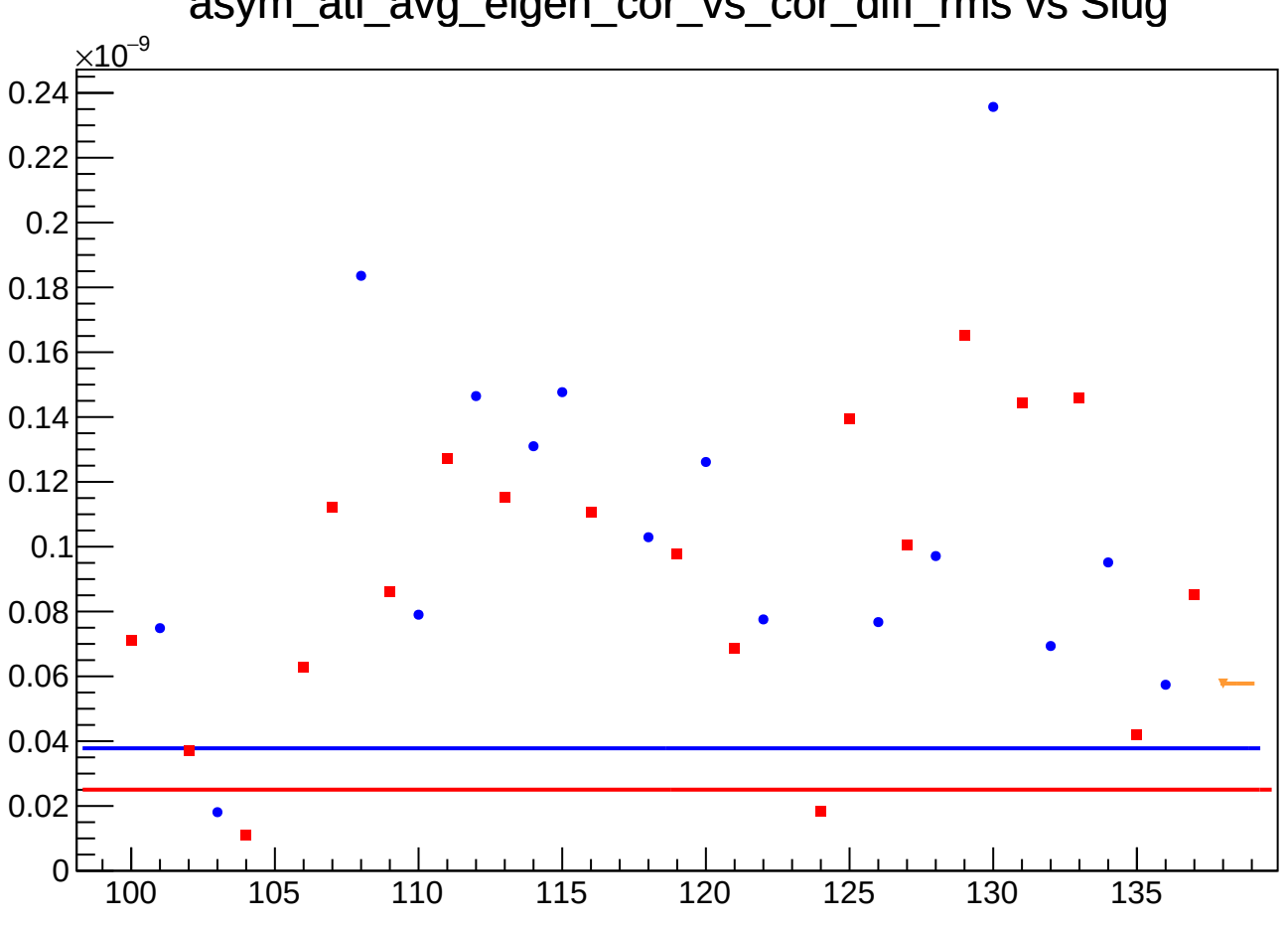
Right Out: 0.000+/-0.000 χ^2/NDF: 25.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.9/16

All: 0.000+/-0.000 χ^2/NDF: 41.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3942675.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4701757.7/18

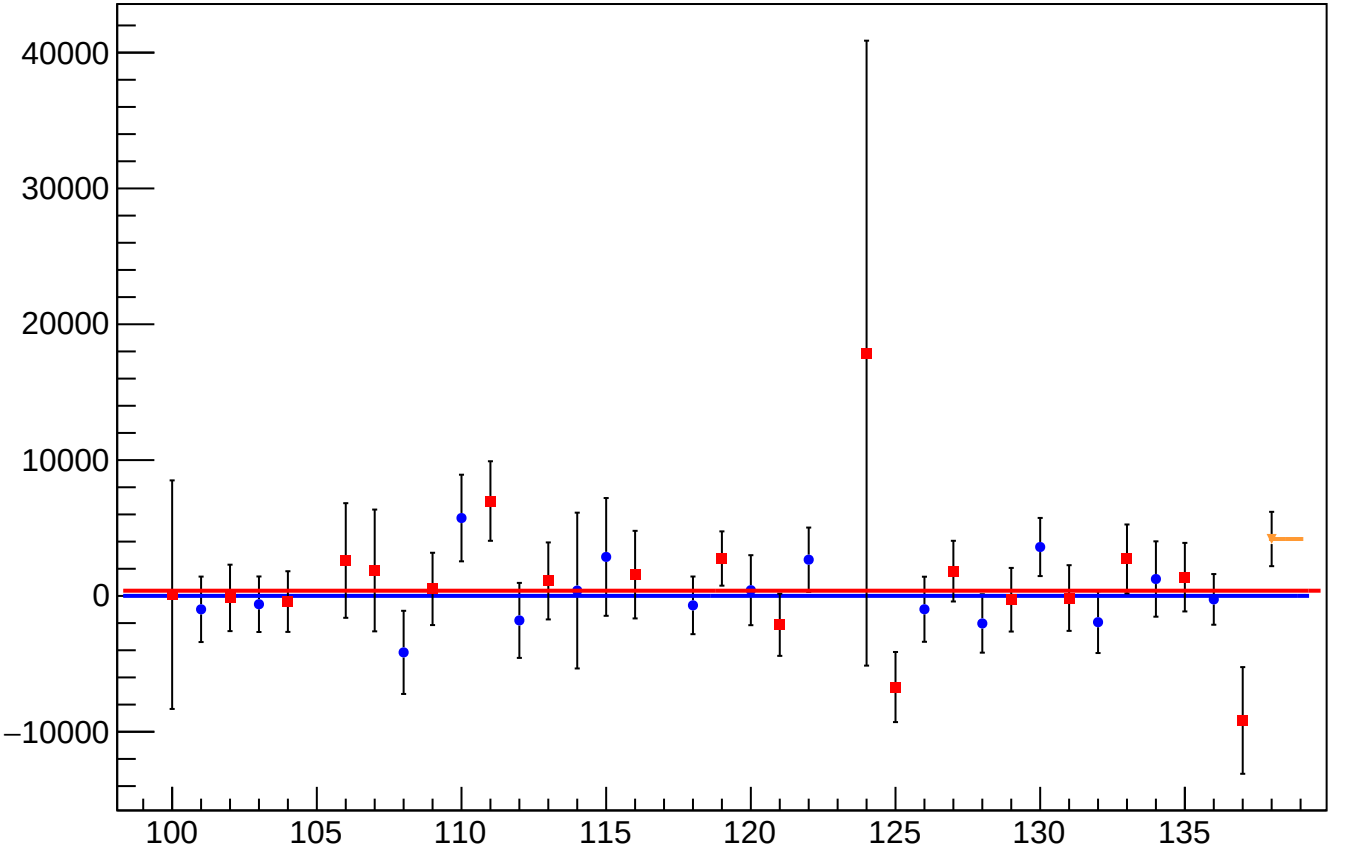
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4045573.9/16

All: 0.000+/-0.000 χ^2/NDF: 9211030.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: 4.373+/-619.905 χ^2/NDF: 12.4/15

Left Out: 4191.198+/-2000.318 χ^2/NDF:0.0/0

Right Out: 384.758+/-633.682 χ^2/NDF: 24.1/18

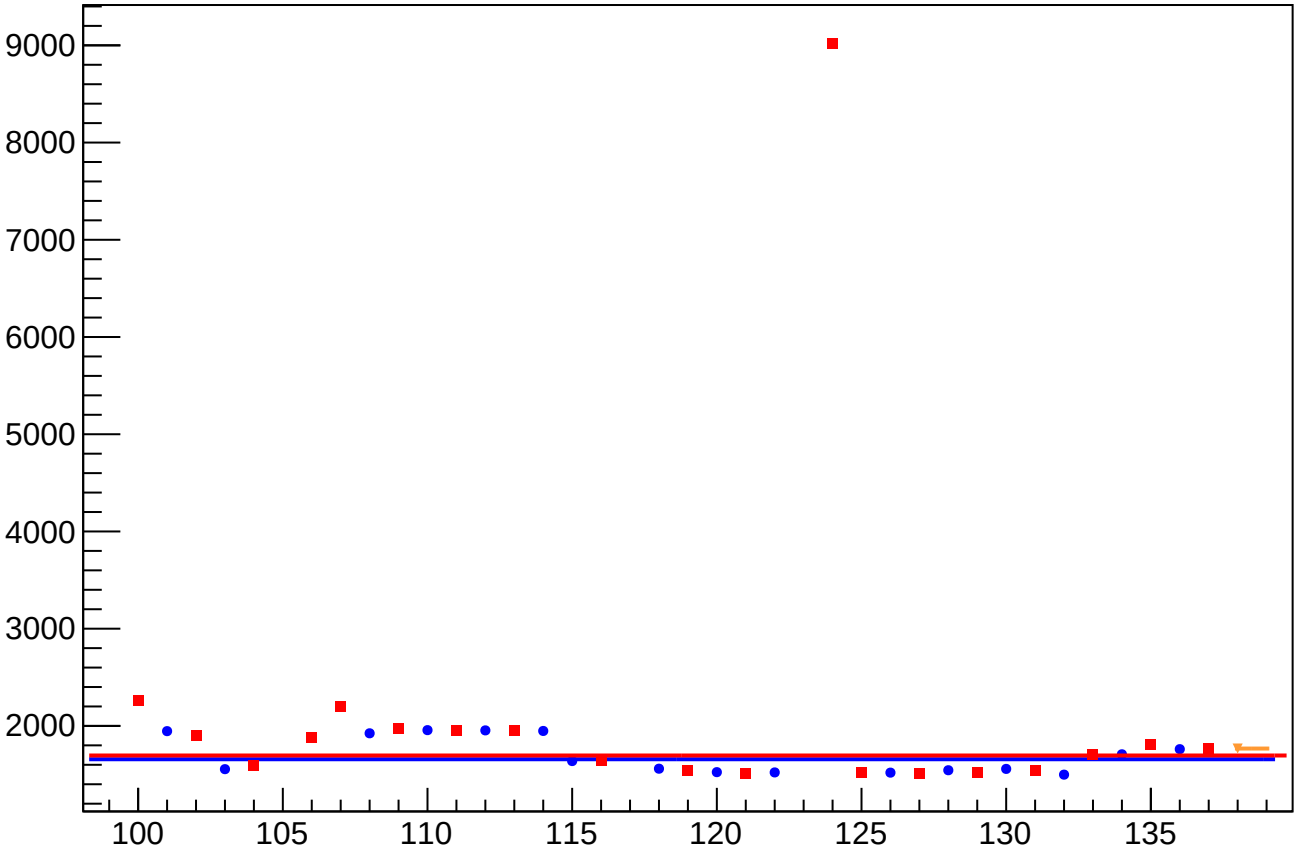
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.242+/-592.123 χ^2/NDF: 16.4/16

All: 377.542+/-432.641 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1657.119+/-0.438 χ^2/NDF: 143982.4/15

Left Out: 1767.103+/-1.414 χ^2/NDF:0.0/0

Right Out: 1695.649+/-0.446 χ^2/NDF: 386216.2/18

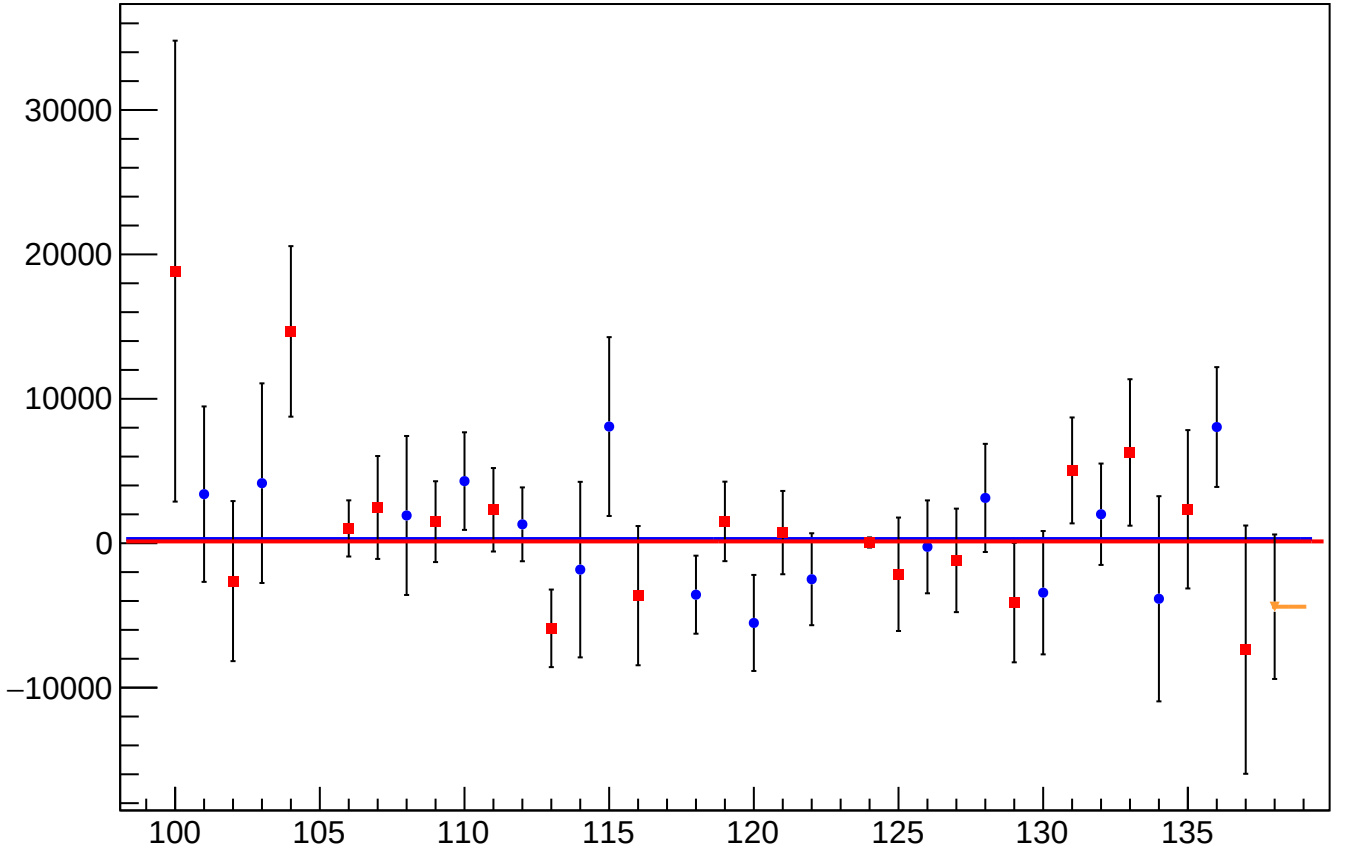
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1666.756+/-0.419 χ^2/NDF: 149498.9/16

All: 1680.290+/-0.305 χ^2/NDF: 537945.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: 289.262+/-961.071 χ^2/NDF: 15.2/15

Left Out: -4396.018+/-5002.983 χ^2/NDF:0.0/0

Right Out: 125.586+/-323.715 χ^2/NDF: 20.8/18

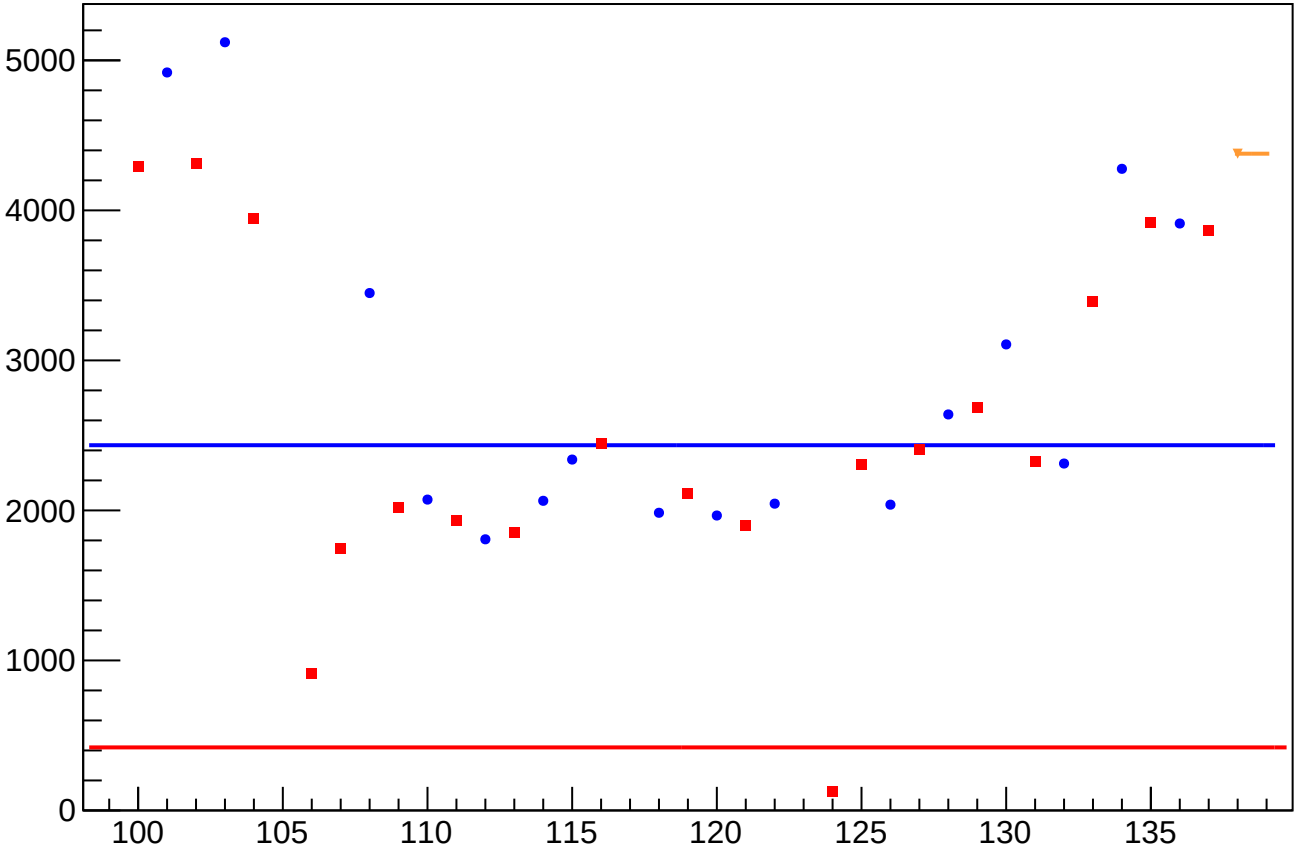
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 122.518+/-943.814 χ^2/NDF: 16.1/16

All: 125.263+/-306.204 χ^2/NDF: 36.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2434.593+/-0.680 χ^2/NDF: 1457721.5/15

Left Out: 4377.857+/-3.538 χ^2/NDF:0.0/0

Right Out: 420.292+/-0.229 χ^2/NDF: 11063973.9/18

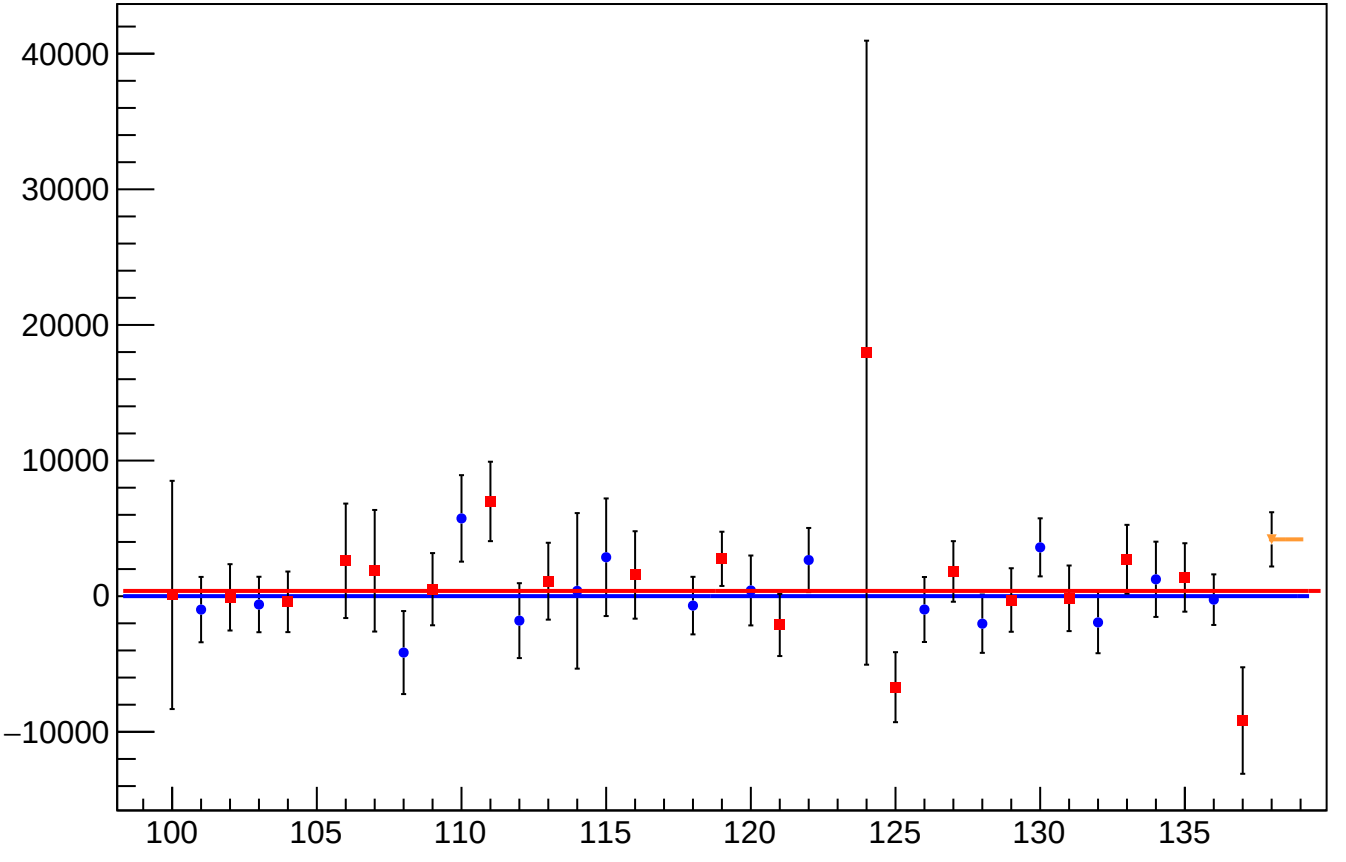
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2503.752+/-0.667 χ^2/NDF: 1748724.6/16

All: 639.590+/-0.217 χ^2/NDF: 21532882.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_dd_mean vs Slug



Right In: 4.295+/-619.905 χ^2/NDF: 12.4/15

Left Out: 4191.047+/-2000.318 χ^2/NDF:0.0/0

Right Out: 389.054+/-633.688 χ^2/NDF: 24.0/18

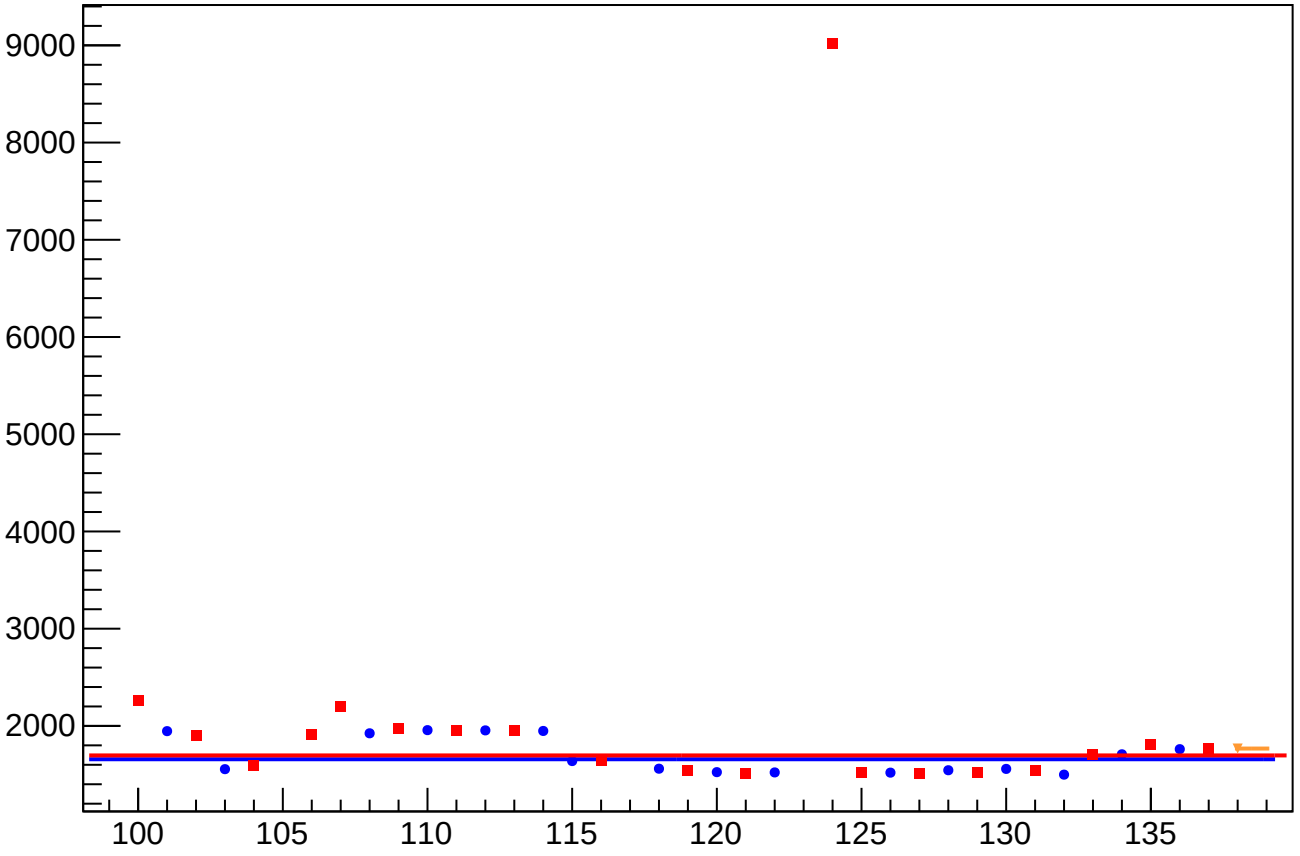
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.157+/-592.123 χ^2/NDF: 16.4/16

All: 379.500+/-432.643 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1657.119+/-0.438 χ^2/NDF: 143982.5/15

Left Out: 1767.103+/-1.414 χ^2/NDF:0.0/0

Right Out: 1696.442+/-0.446 χ^2/NDF: 387974.4/18

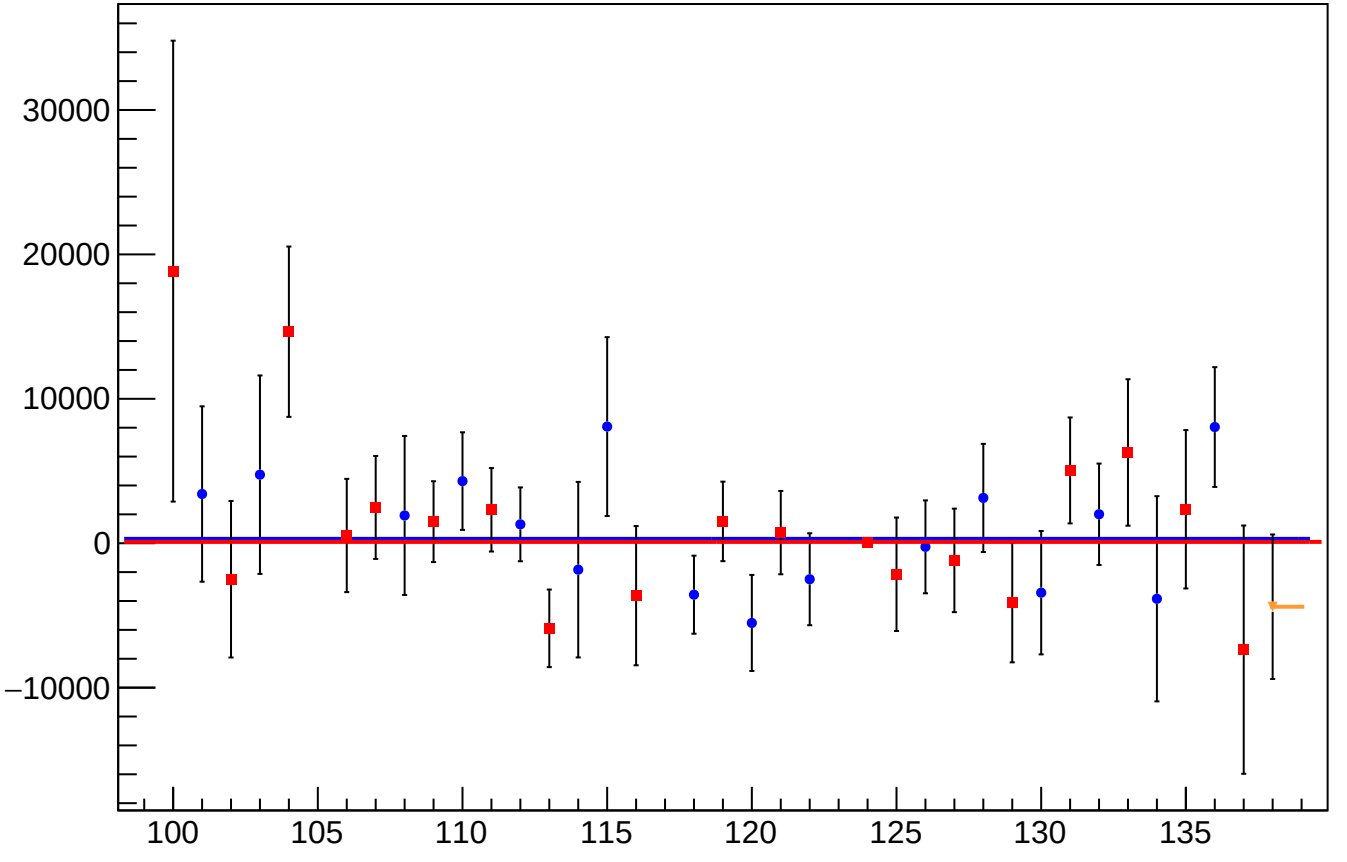
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1666.756+/-0.419 χ^2/NDF: 149499.0/16

All: 1680.655+/-0.305 χ^2/NDF: 539827.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: 301.839+/-960.952 χ^2/NDF: 15.3/15

Left Out: -4396.091+/-5002.975 χ^2/NDF:0.0/0

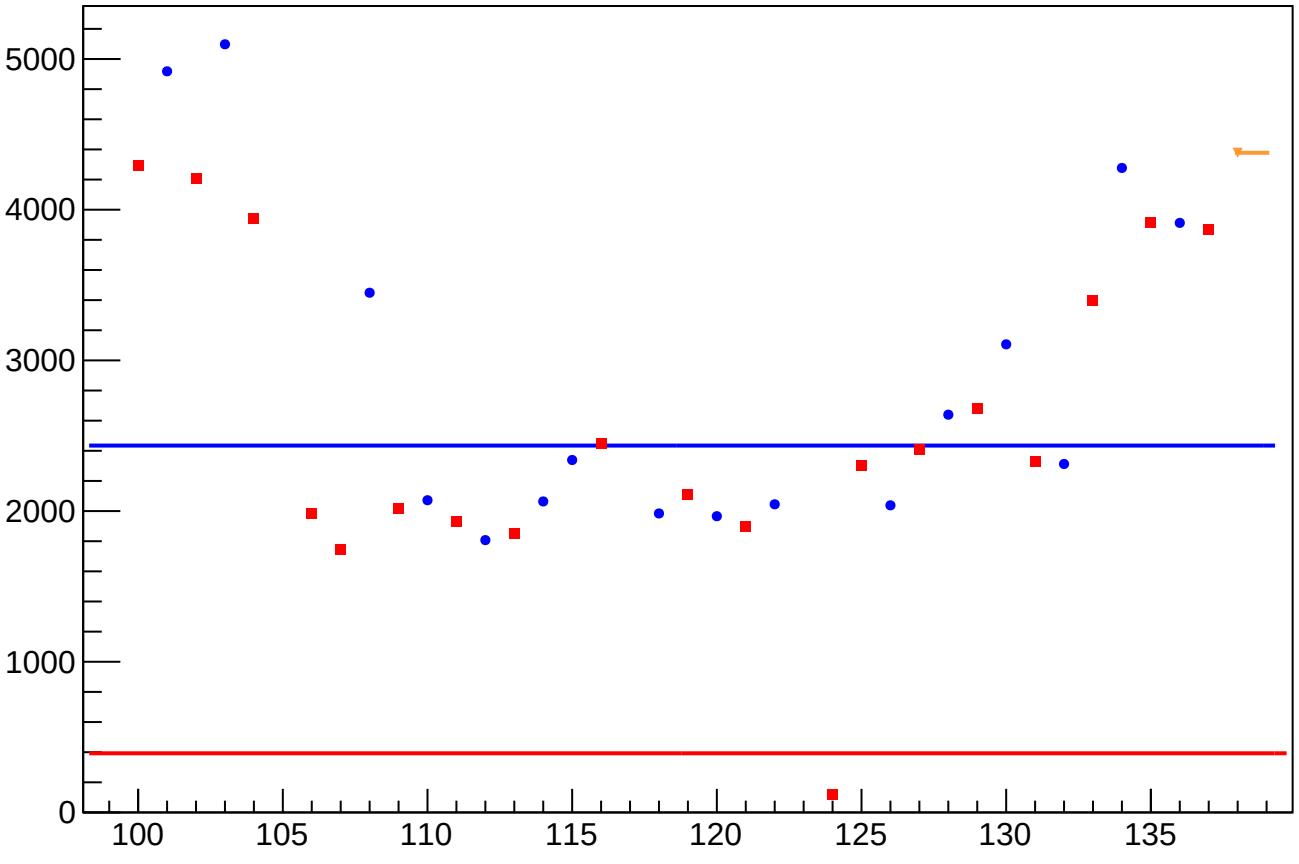
Right Out: 92.243+/-315.757 χ^2/NDF: 20.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 134.684+/-943.702 χ^2/NDF: 16.2/16

All: 96.516+/-299.440 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2434.758+/-0.679 χ^2/NDF: 1456027.7/15

Left Out: 4377.848+/-3.538 χ^2/NDF:0.0/0

Right Out: 392.666+/-0.223 χ^2/NDF: 11408006.3/18

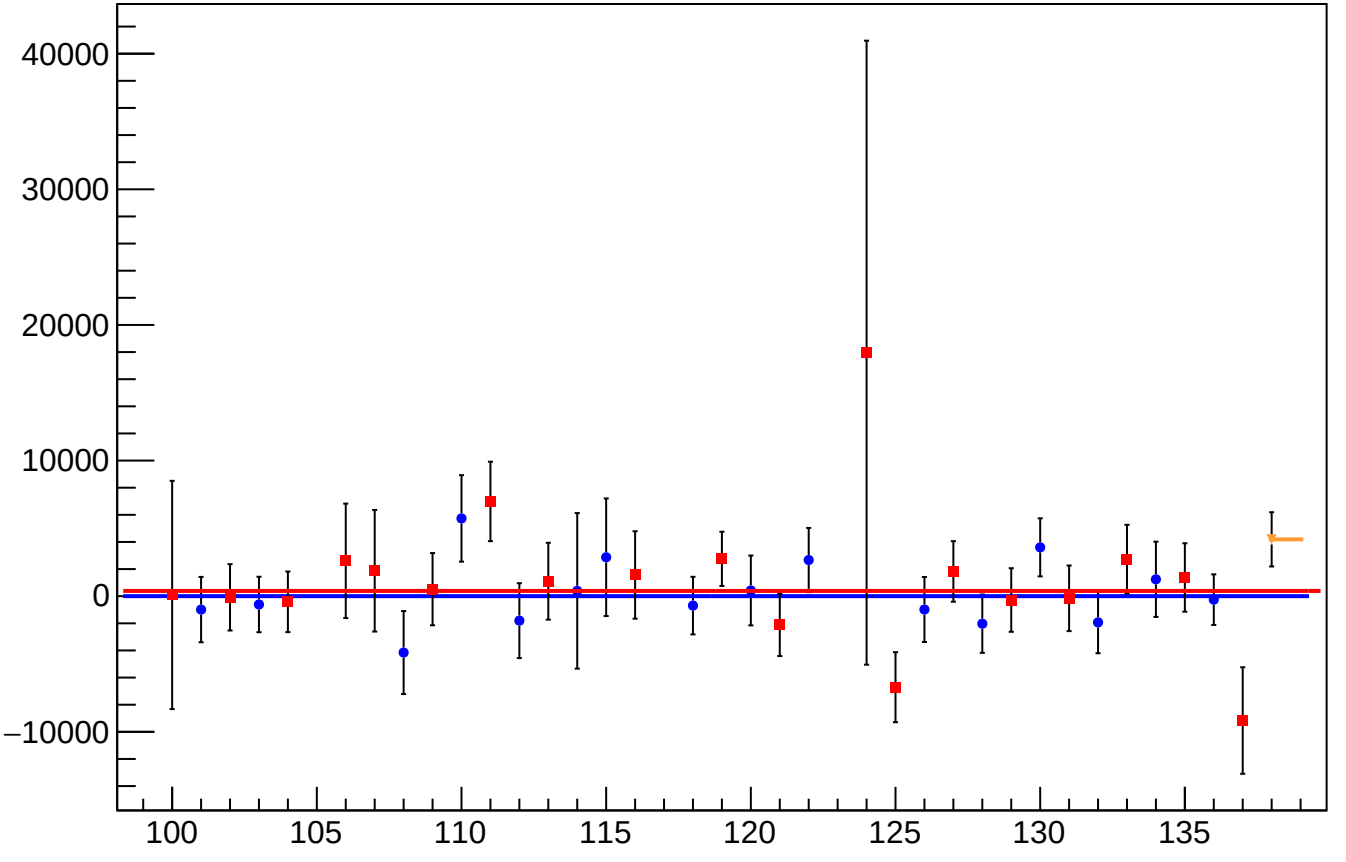
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2503.895+/-0.667 χ^2/NDF: 1746982.2/16

All: 605.228+/-0.212 χ^2/NDF: 22157102.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



Right In: 4.295+/-619.905 χ^2/NDF: 12.4/15

Left Out: 4191.047+/-2000.318 χ^2/NDF:0.0/0

Right Out: 389.054+/-633.688 χ^2/NDF: 24.0/18

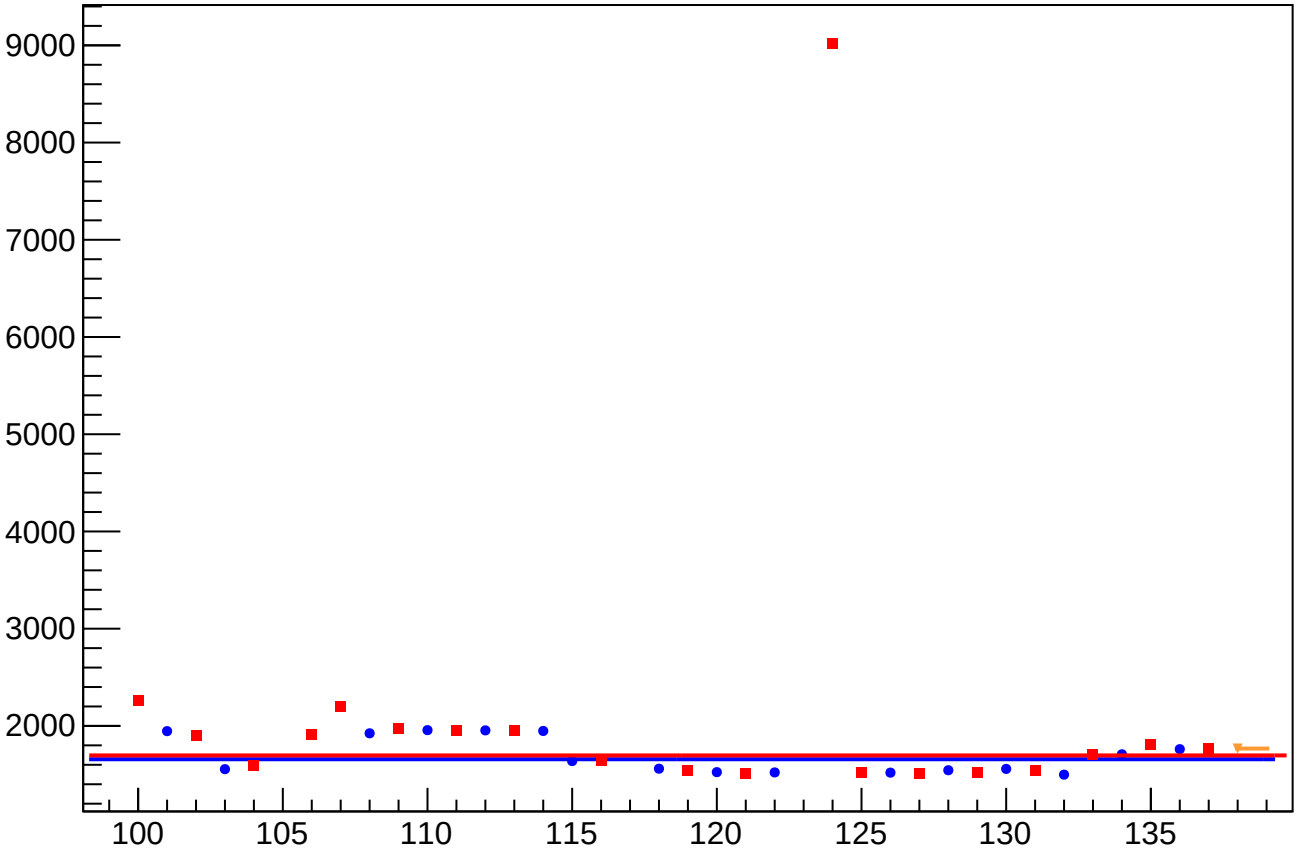
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 371.157+/-592.123 χ^2/NDF: 16.4/16

All: 379.500+/-432.643 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1657.119+/-0.438 χ^2/NDF: 143982.5/15

Left Out: 1767.103+/-1.414 χ^2/NDF:0.0/0

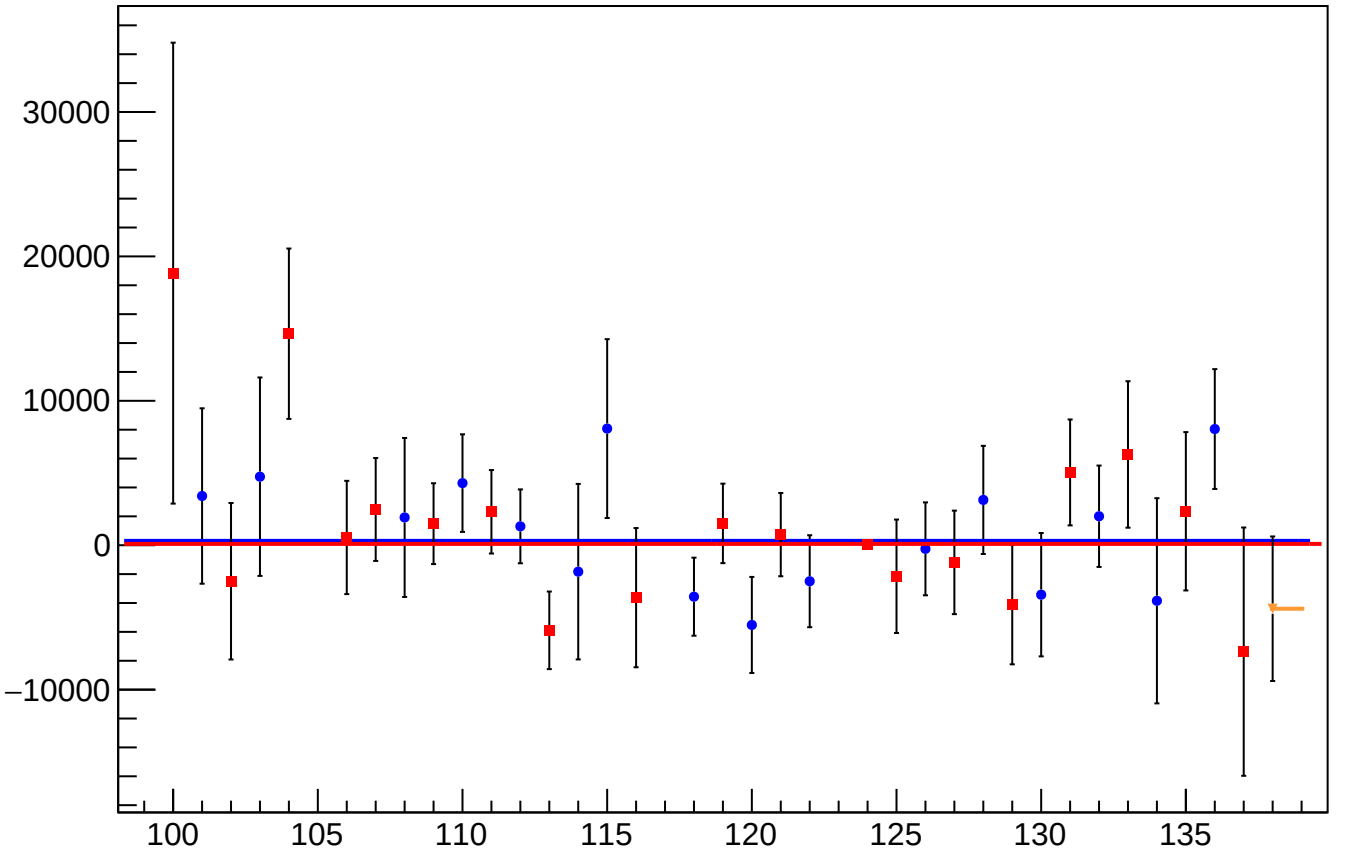
Right Out: 1696.442+/-0.446 χ^2/NDF: 387974.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1666.756+/-0.419 χ^2/NDF: 149499.0/16

All: 1680.655+/-0.305 χ^2/NDF: 539827.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 301.839+/-960.952 χ^2/NDF: 15.3/15

Left Out: -4396.091+/-5002.975 χ^2/NDF:0.0/0

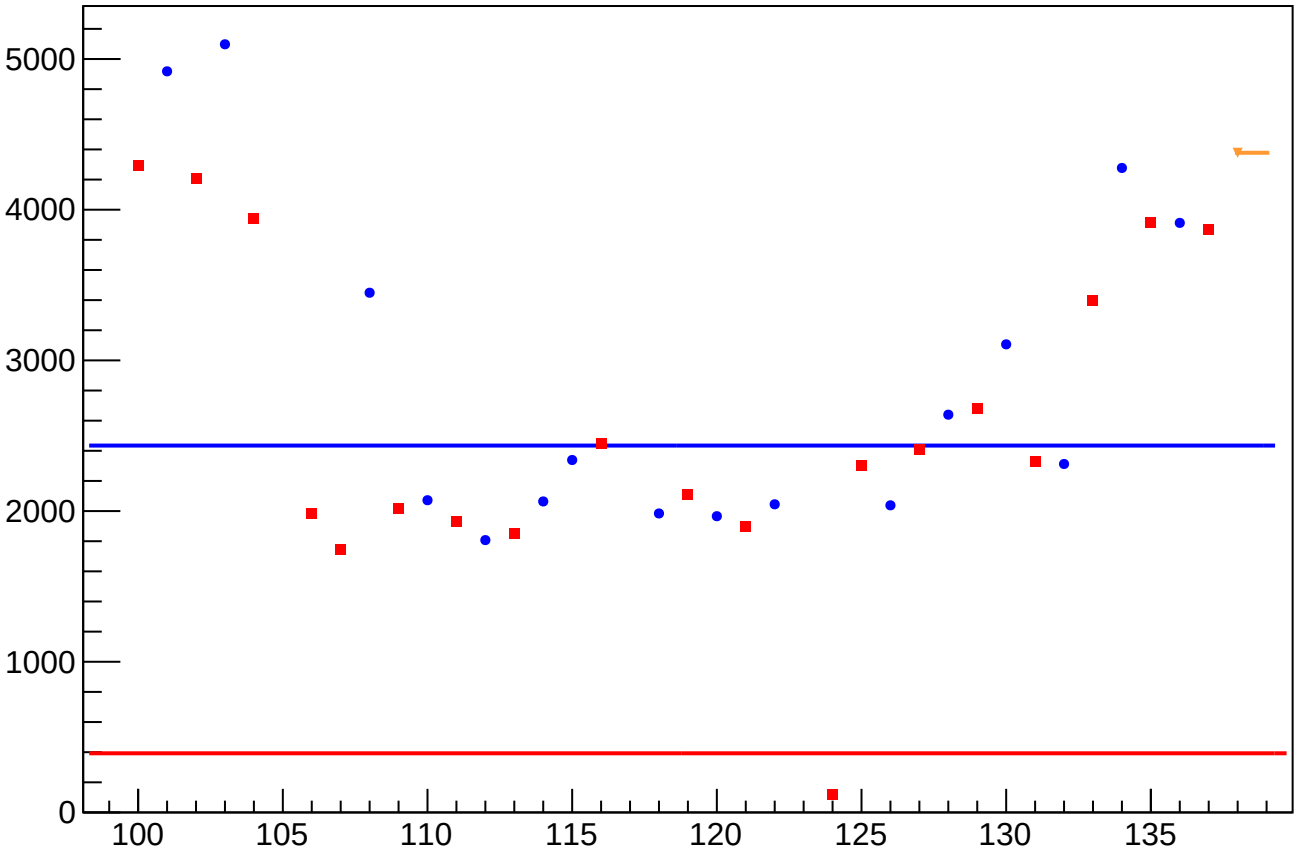
Right Out: 92.243+/-315.757 χ^2/NDF: 20.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 134.684+/-943.702 χ^2/NDF: 16.2/16

All: 96.516+/-299.440 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2434.758+/-0.679 χ^2/NDF: 1456027.7/15

Left Out: 4377.848+/-3.538 χ^2/NDF:0.0/0

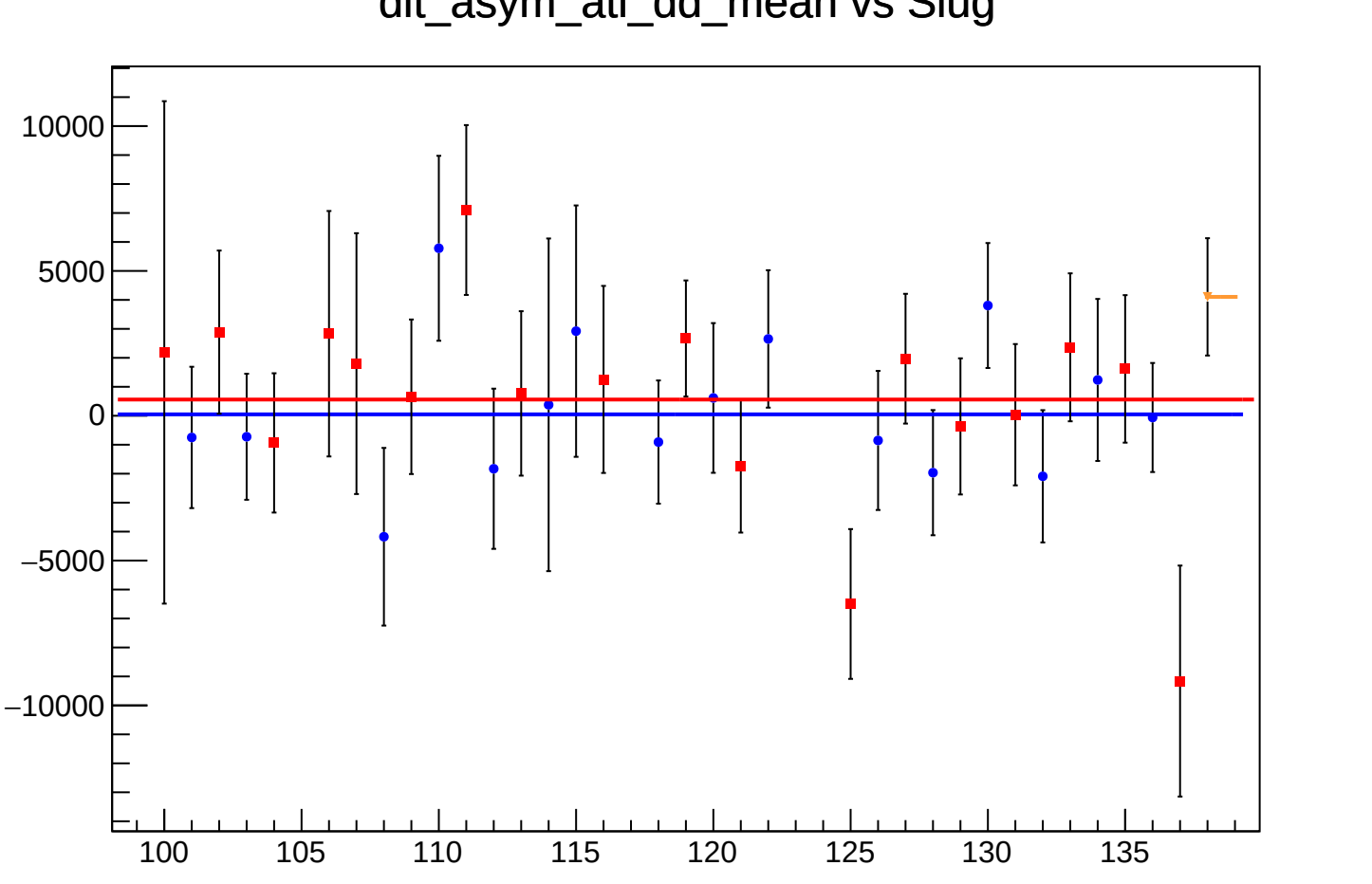
Right Out: 392.666+/-0.223 χ^2/NDF: 11408006.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2503.895+/-0.667 χ^2/NDF: 1746982.2/16

All: 605.228+/-0.212 χ^2/NDF: 22157102.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 48.331+/-626.151 χ^2/NDF: 12.8/15

Left Out: 4104.462+/-2025.510 χ^2/NDF:0.0/0

Right Out: 559.598+/-645.291 χ^2/NDF: 23.3/17

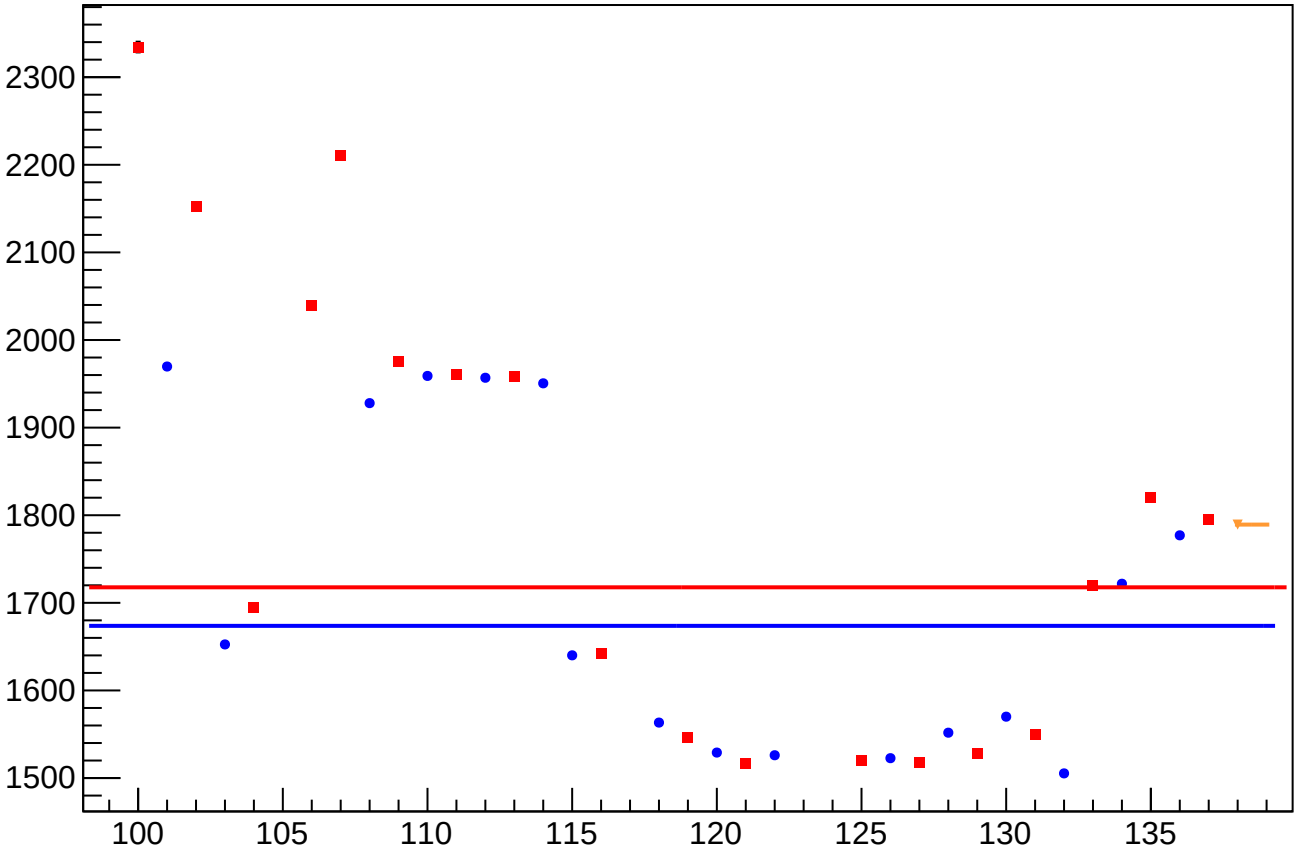
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 402.136+/-598.219 χ^2/NDF: 16.5/16

All: 474.915+/-438.703 χ^2/NDF: 39.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1673.729+/-0.443 χ^2/NDF: 140873.1/15

Left Out: 1789.313+/-1.432 χ^2/NDF:0.0/0

Right Out: 1717.713+/-0.455 χ^2/NDF: 227642.0/17

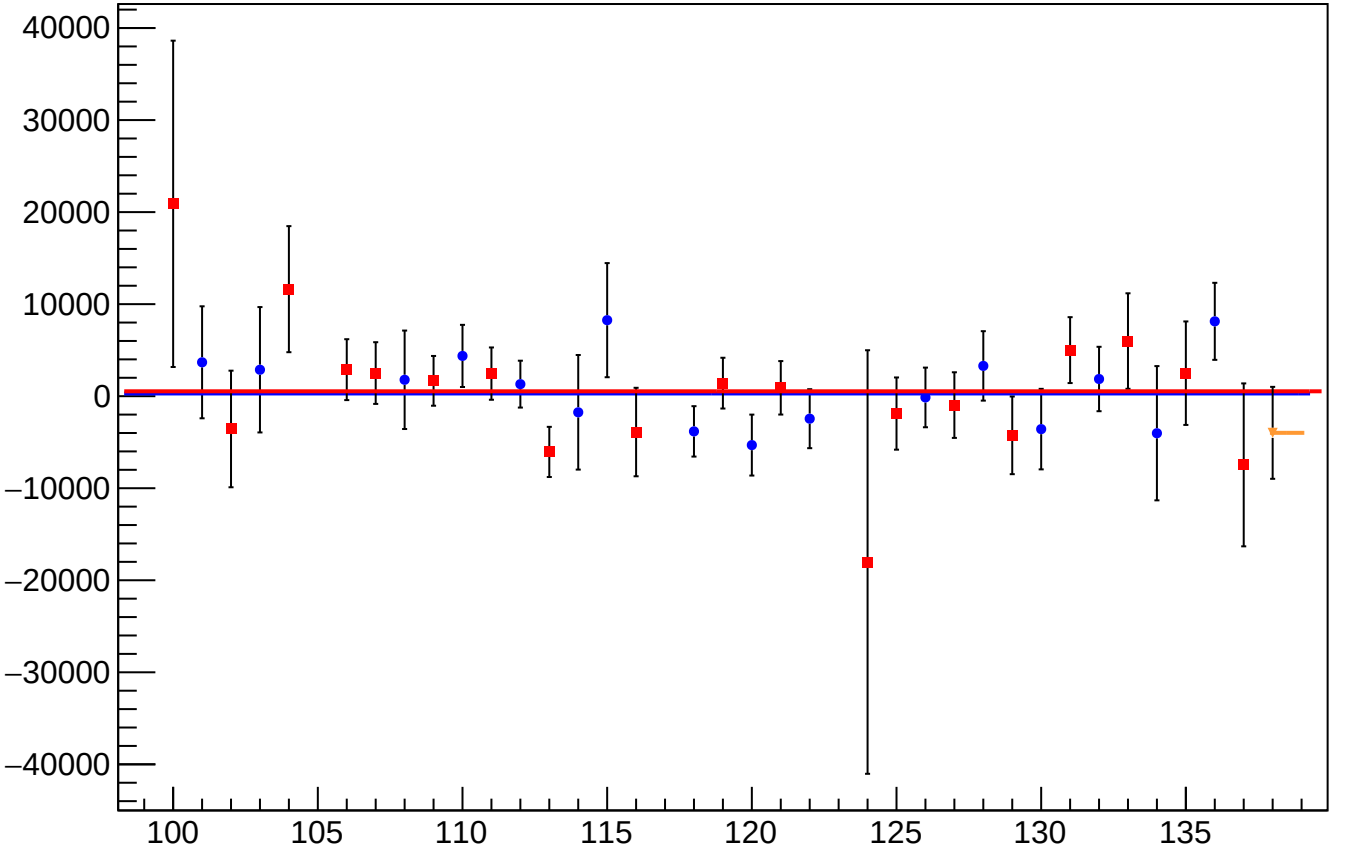
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1683.811+/-0.423 χ^2/NDF: 146817.6/16

All: 1699.520+/-0.310 χ^2/NDF: 377436.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: 296.517+/-964.677 χ^2/NDF: 15.3/15

Left Out: -3982.474+/-4995.844 χ^2/NDF:0.0/0

Right Out: 531.007+/-883.969 χ^2/NDF: 18.8/18

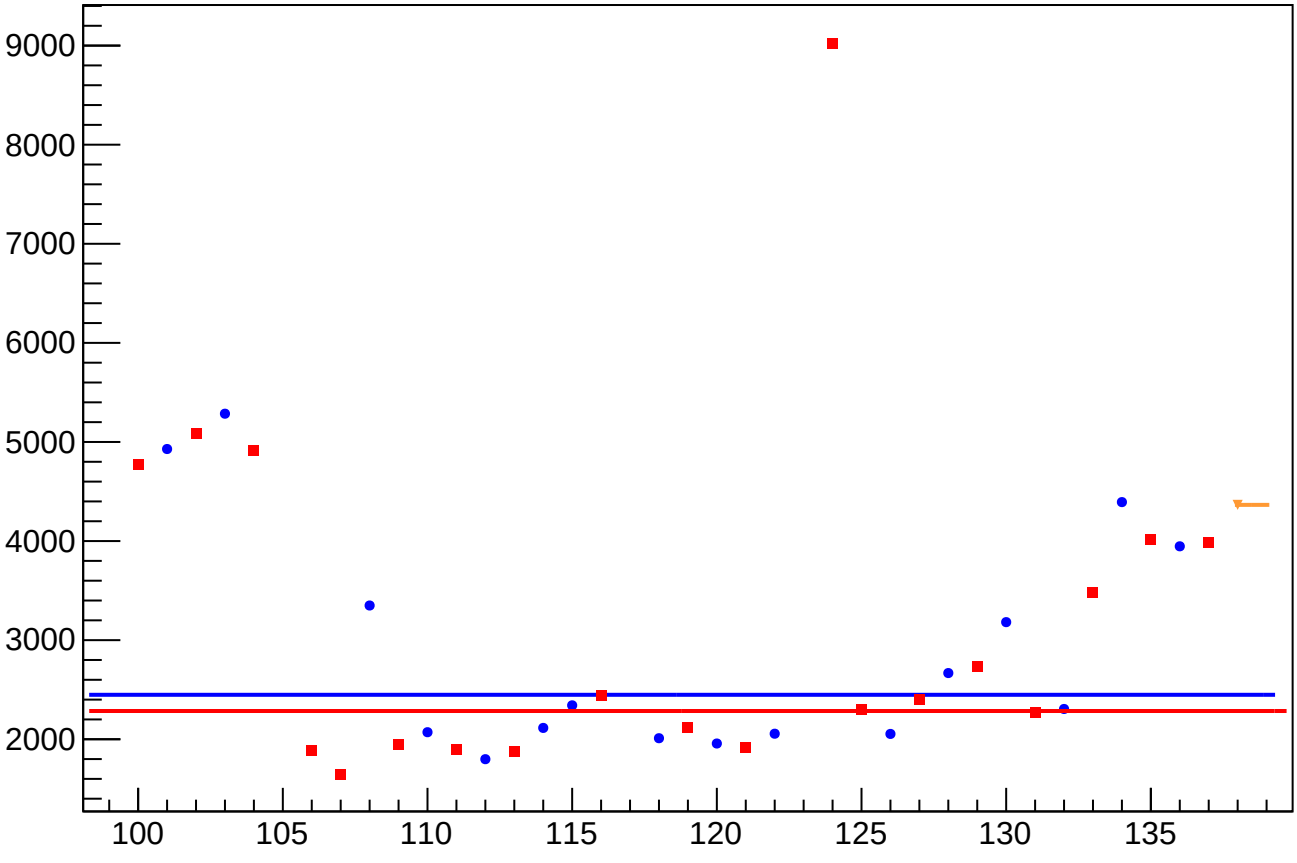
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 142.705+/-947.181 χ^2/NDF: 16.0/16

All: 350.244+/-646.253 χ^2/NDF: 34.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2448.598+/-0.682 χ^2/NDF: 1517585.7/15

Left Out: 4365.244+/-3.533 χ^2/NDF:0.0/0

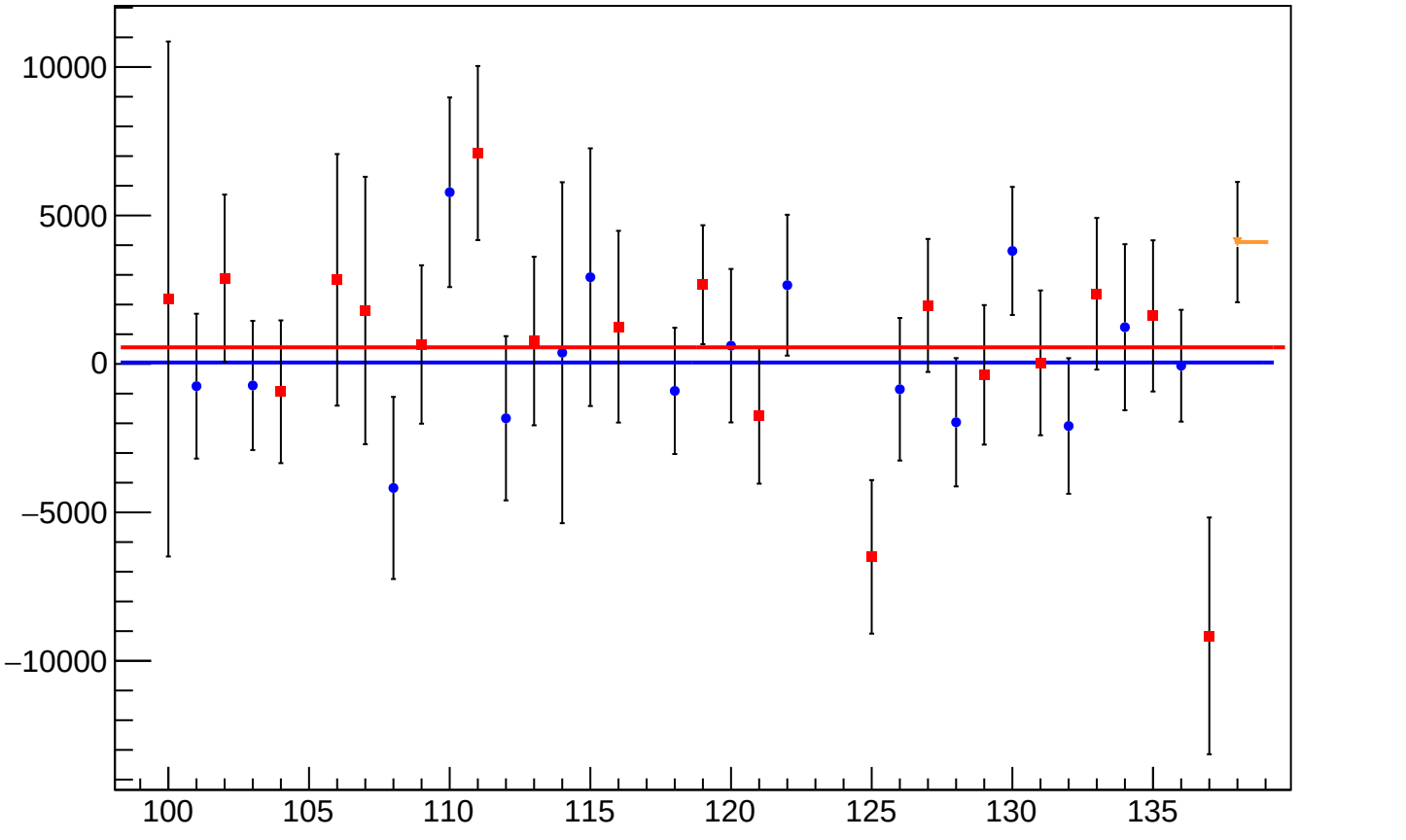
Right Out: 2285.075+/-0.625 χ^2/NDF: 1548819.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2517.493+/-0.670 χ^2/NDF: 1801375.9/16

All: 2393.270+/-0.457 χ^2/NDF: 3414558.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 48.329+/-626.151 χ^2/NDF: 12.8/15

Left Out: 4104.428+/-2025.510 χ^2/NDF:0.0/0

Right Out: 559.600+/-645.291 χ^2/NDF: 23.3/17

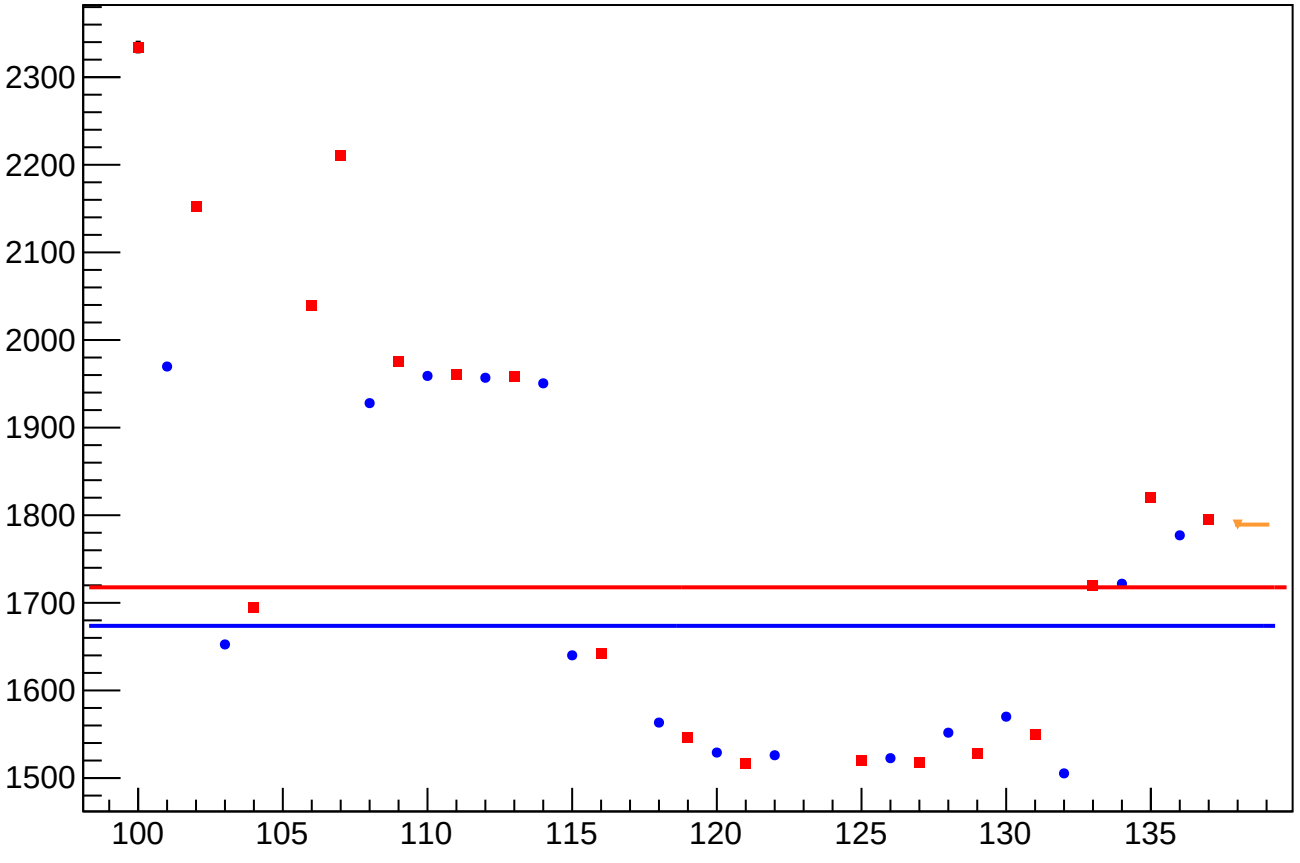
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 402.131+/-598.219 χ^2/NDF: 16.5/16

All: 474.913+/-438.703 χ^2/NDF: 39.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1673.728+/-0.443 χ^2/NDF: 140873.1/15

Left Out: 1789.313+/-1.432 χ^2/NDF:0.0/0

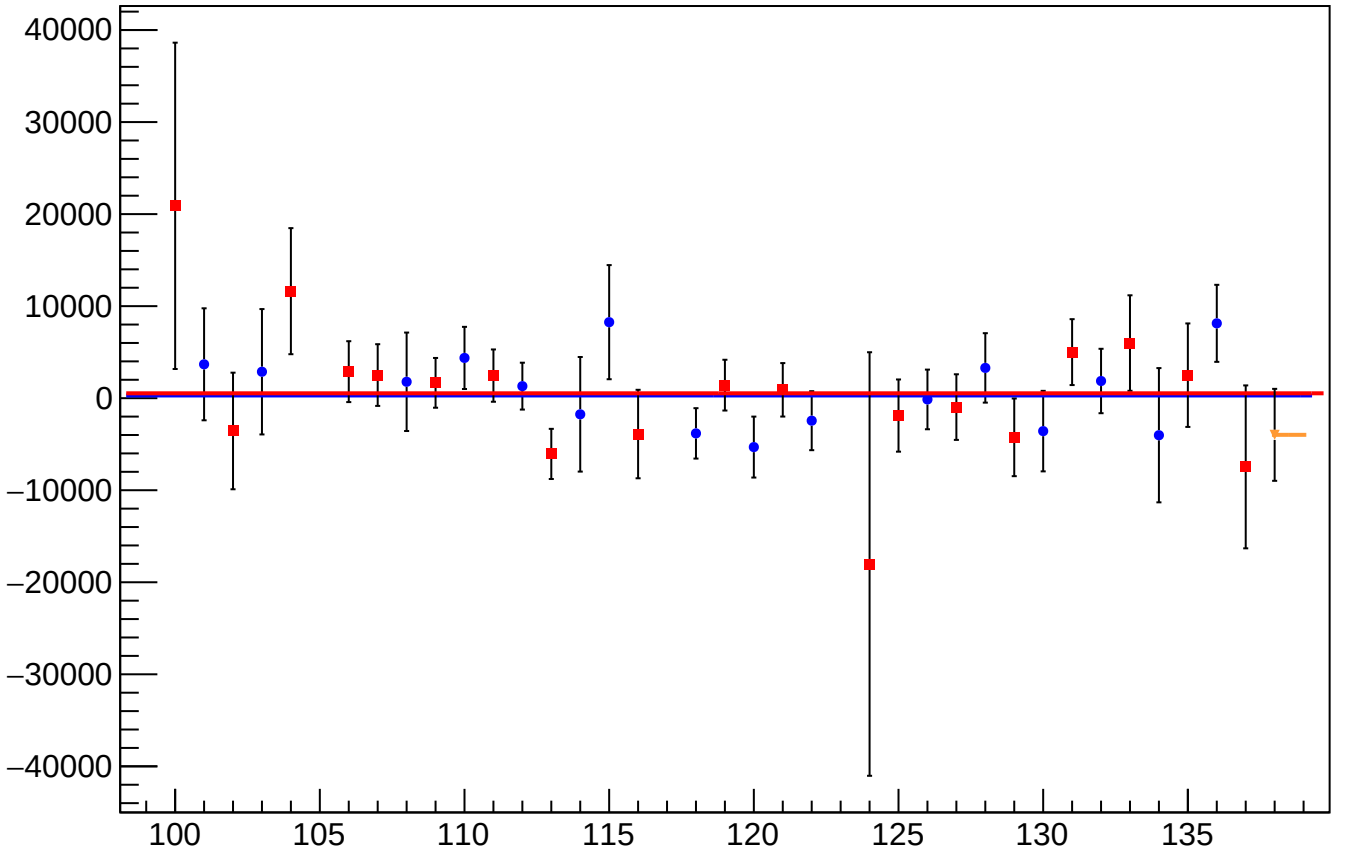
Right Out: 1717.713+/-0.455 χ^2/NDF: 227641.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1683.810+/-0.423 χ^2/NDF: 146817.7/16

All: 1699.519+/-0.310 χ^2/NDF: 377435.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 296.511+/-964.673 χ^2/NDF: 15.3/15

Left Out: -3982.501+/-4995.864 χ^2/NDF:0.0/0

Right Out: 531.009+/-883.966 χ^2/NDF: 18.8/18

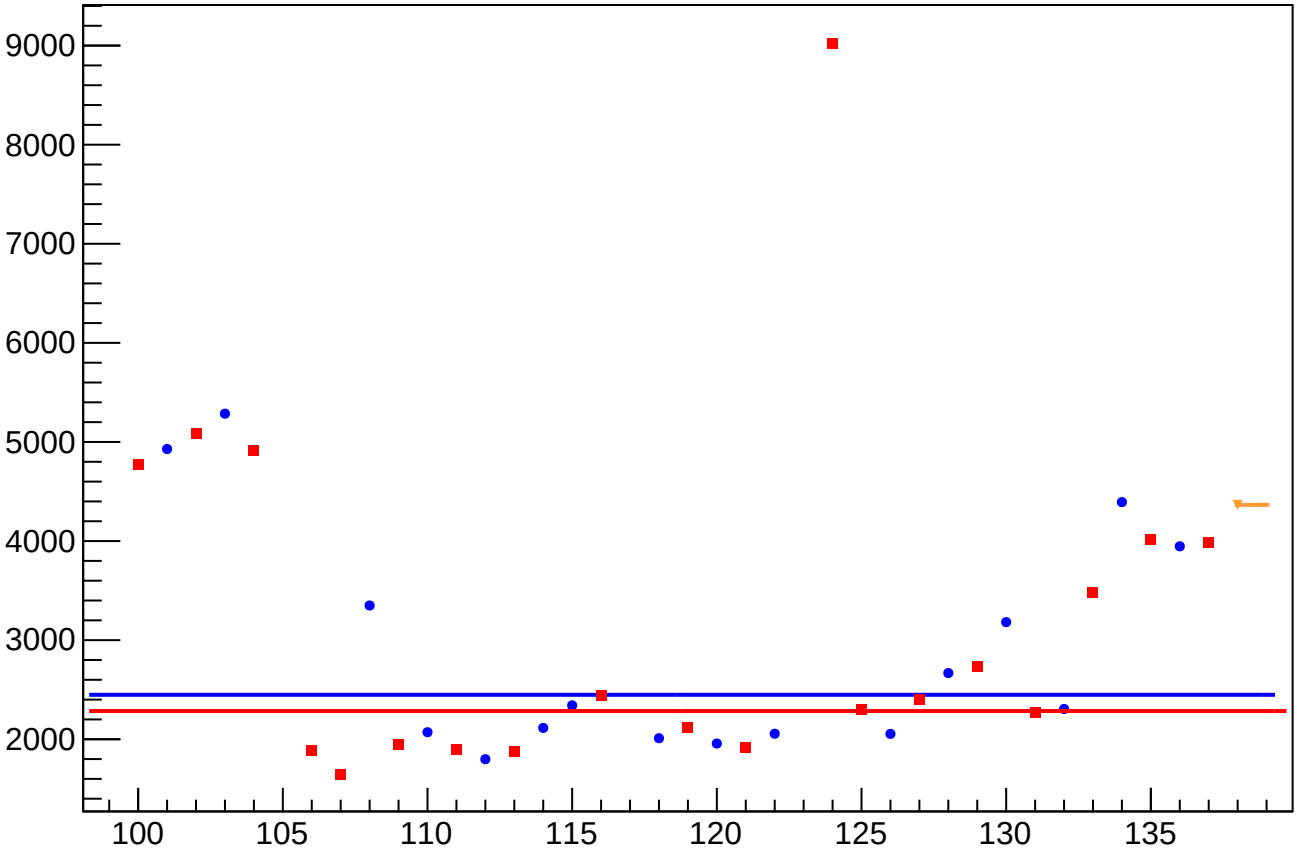
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 142.701+/-947.177 χ^2/NDF: 16.0/16

All: 350.243+/-646.250 χ^2/NDF: 34.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2448.587+/-0.682 χ^2/NDF: 1517598.4/15

Left Out: 4365.261+/-3.533 χ^2/NDF:0.0/0

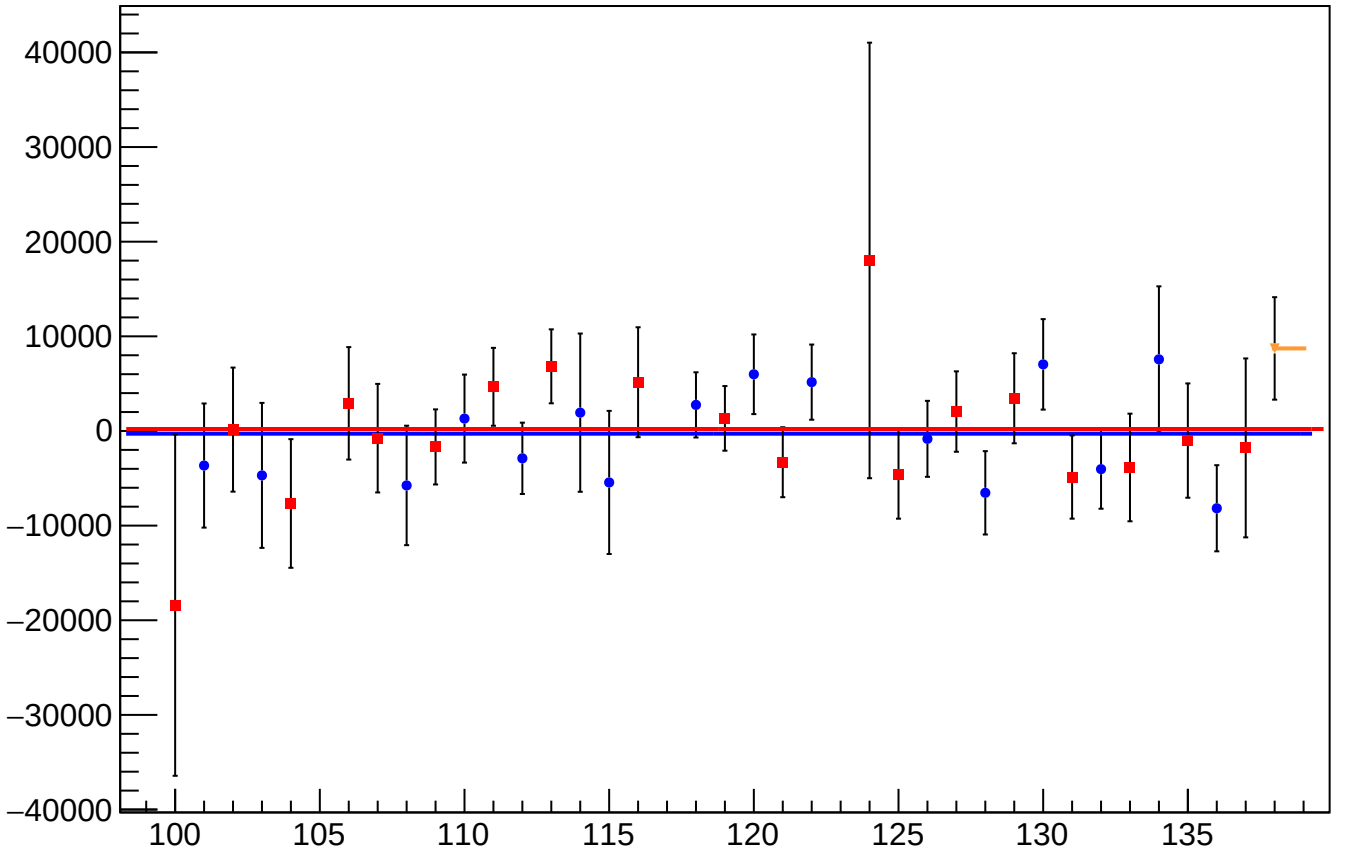
Right Out: 2285.066+/-0.625 χ^2/NDF: 1548827.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2517.483+/-0.670 χ^2/NDF: 1801394.8/16

All: 2393.261+/-0.457 χ^2/NDF: 3414584.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -287.276+/-1197.339 χ^2/NDF: 16.6/15

Left Out: 8722.159+/-5414.234 χ^2/NDF:0.0/0

Right Out: 209.473+/-1153.742 χ^2/NDF: 12.9/18

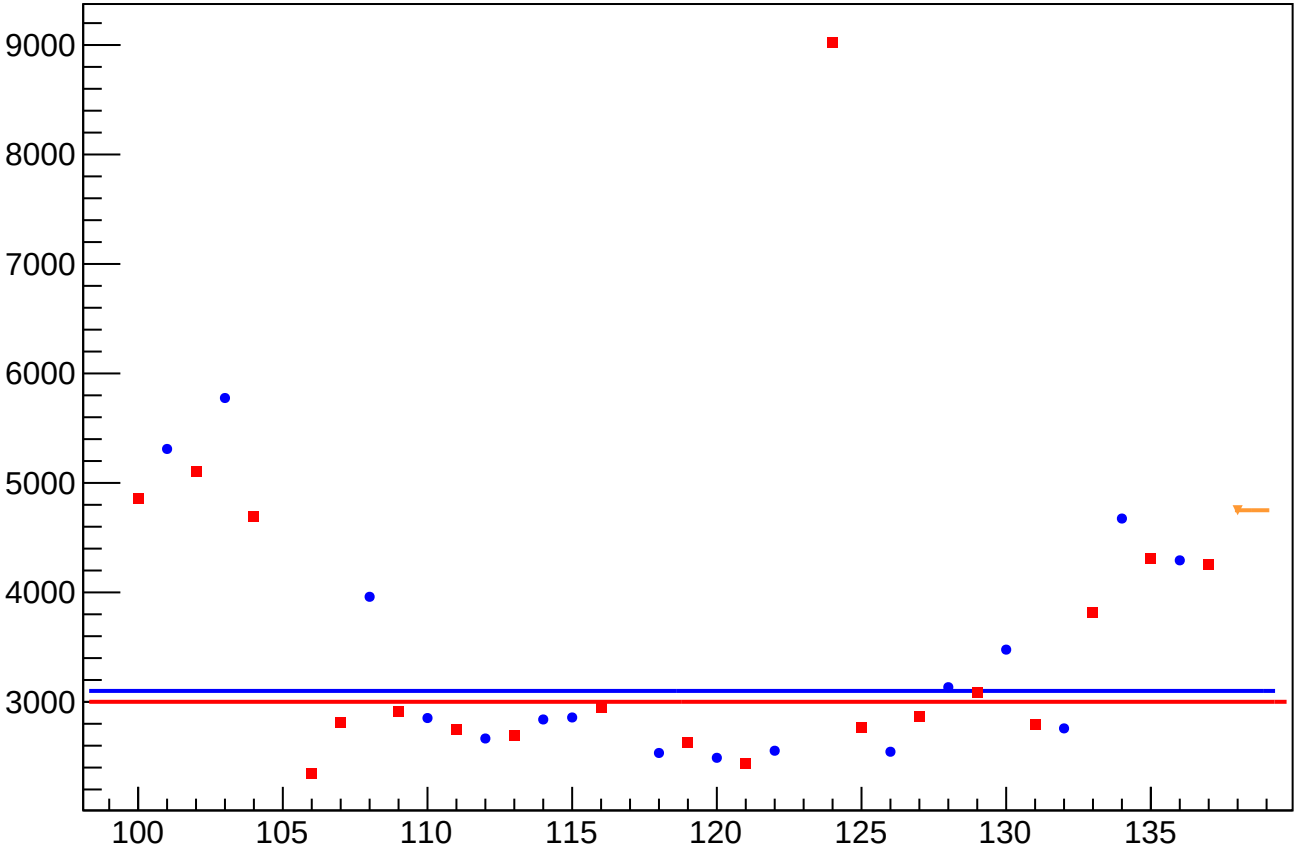
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 132.794+/-1169.092 χ^2/NDF: 19.2/16

All: 171.640+/-821.192 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_rms vs Slug



Right In: 3100.135+/-0.847 χ^2/NDF: 963669.6/15

Left Out: 4750.395+/-3.828 χ^2/NDF:0.0/0

Right Out: 3000.750+/-0.805 χ^2/NDF: 806601.4/18

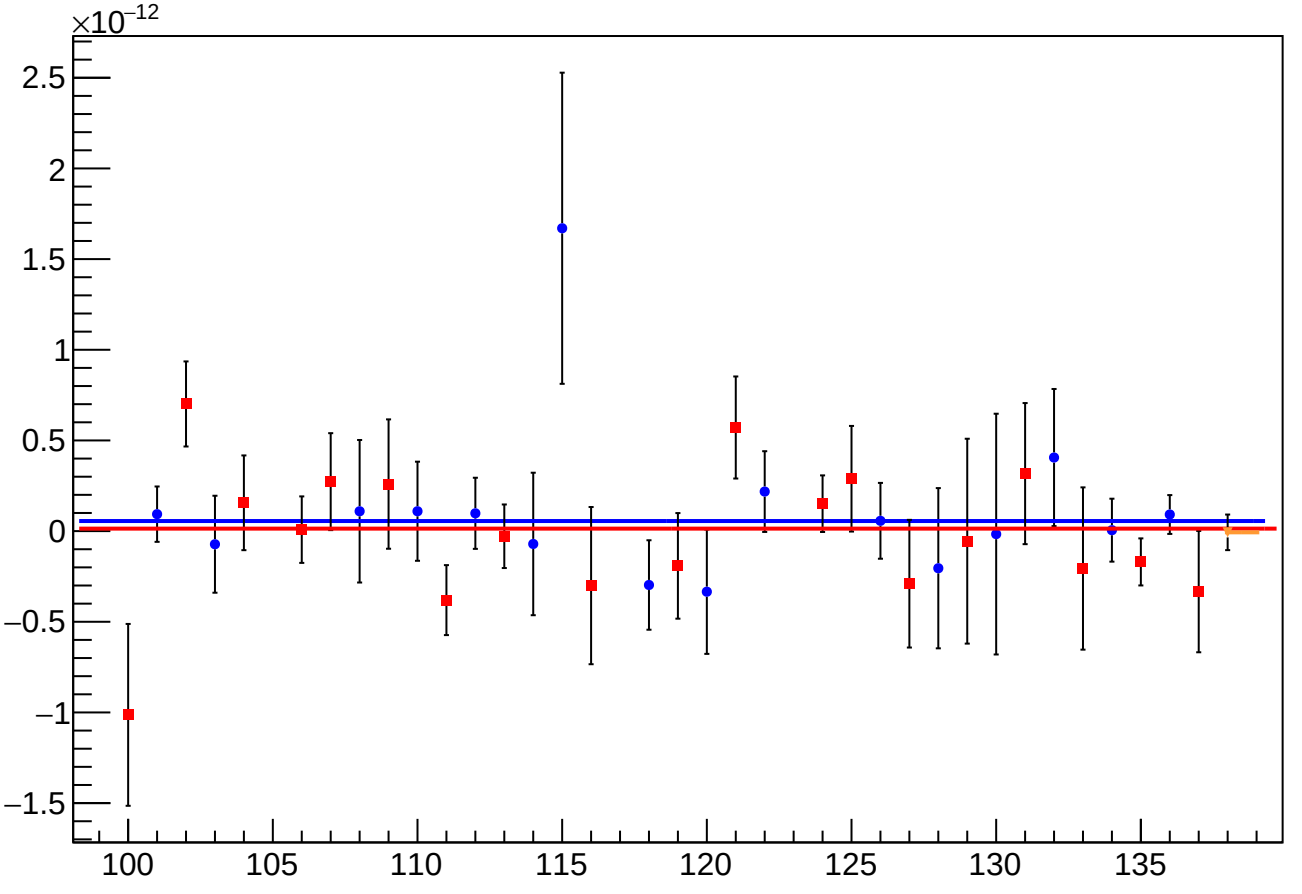
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3177.079+/-0.827 χ^2/NDF: 1140812.8/16

All: 3086.552+/-0.577 χ^2/NDF: 1970772.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 9.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

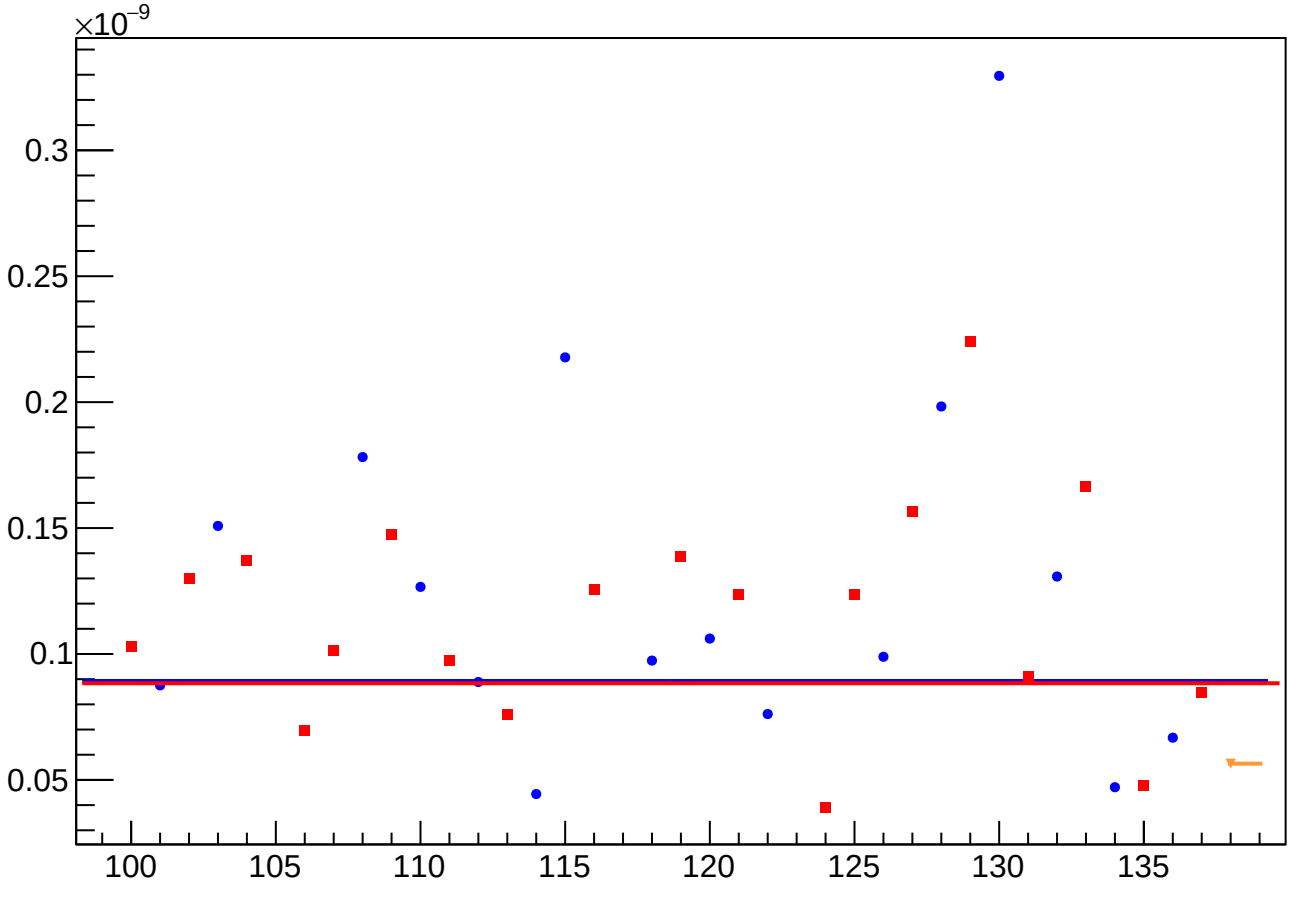
Right Out: 0.000+/-0.000 χ^2/NDF: 30.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 9.6/16

All: 0.000+/-0.000 χ^2/NDF: 39.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 949608.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1013814.1/18

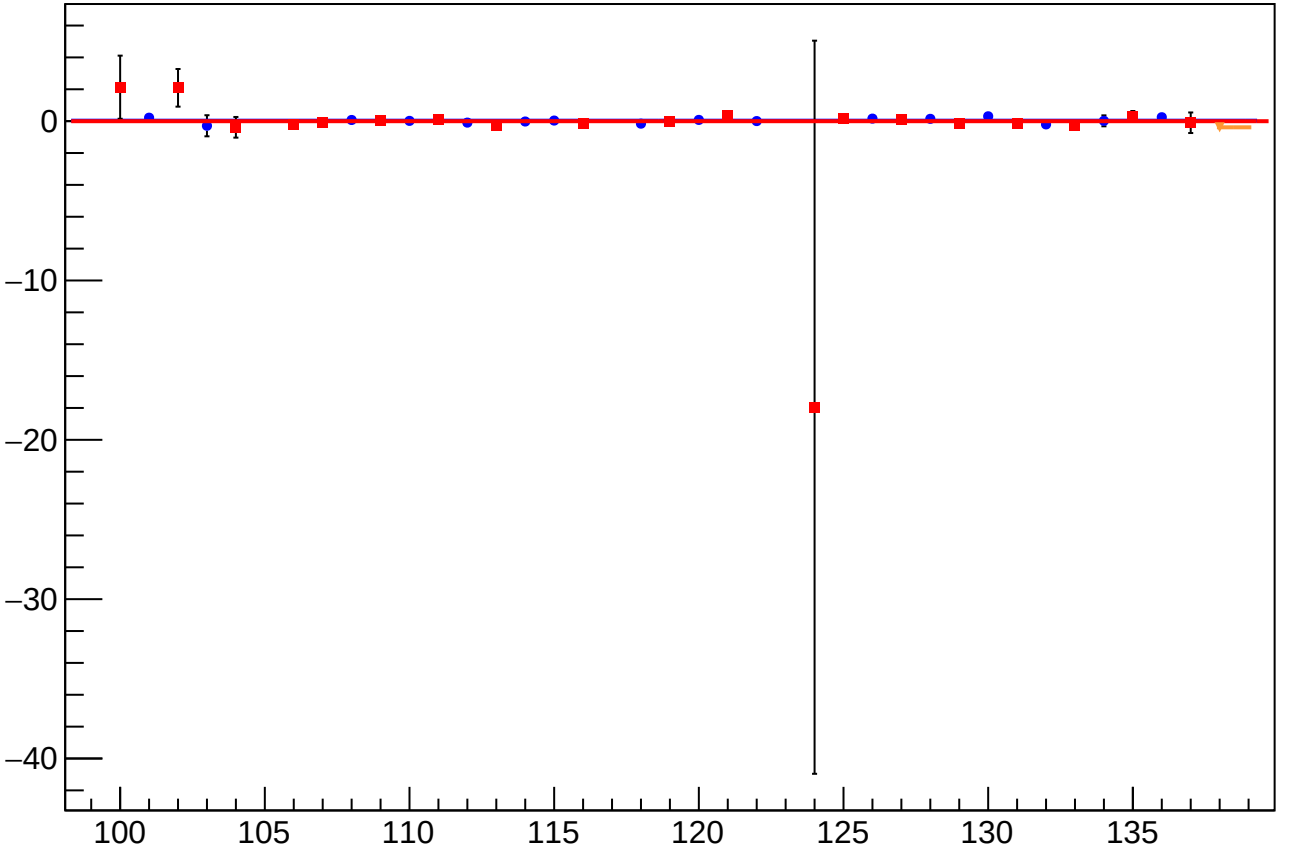
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1117642.1/16

All: 0.000+/-0.000 χ^2/NDF: 2150660.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.028+/-0.045 χ^2/NDF: 8.9/15

Left Out: -0.387+/-0.293 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.043 χ^2/NDF: 22.4/18

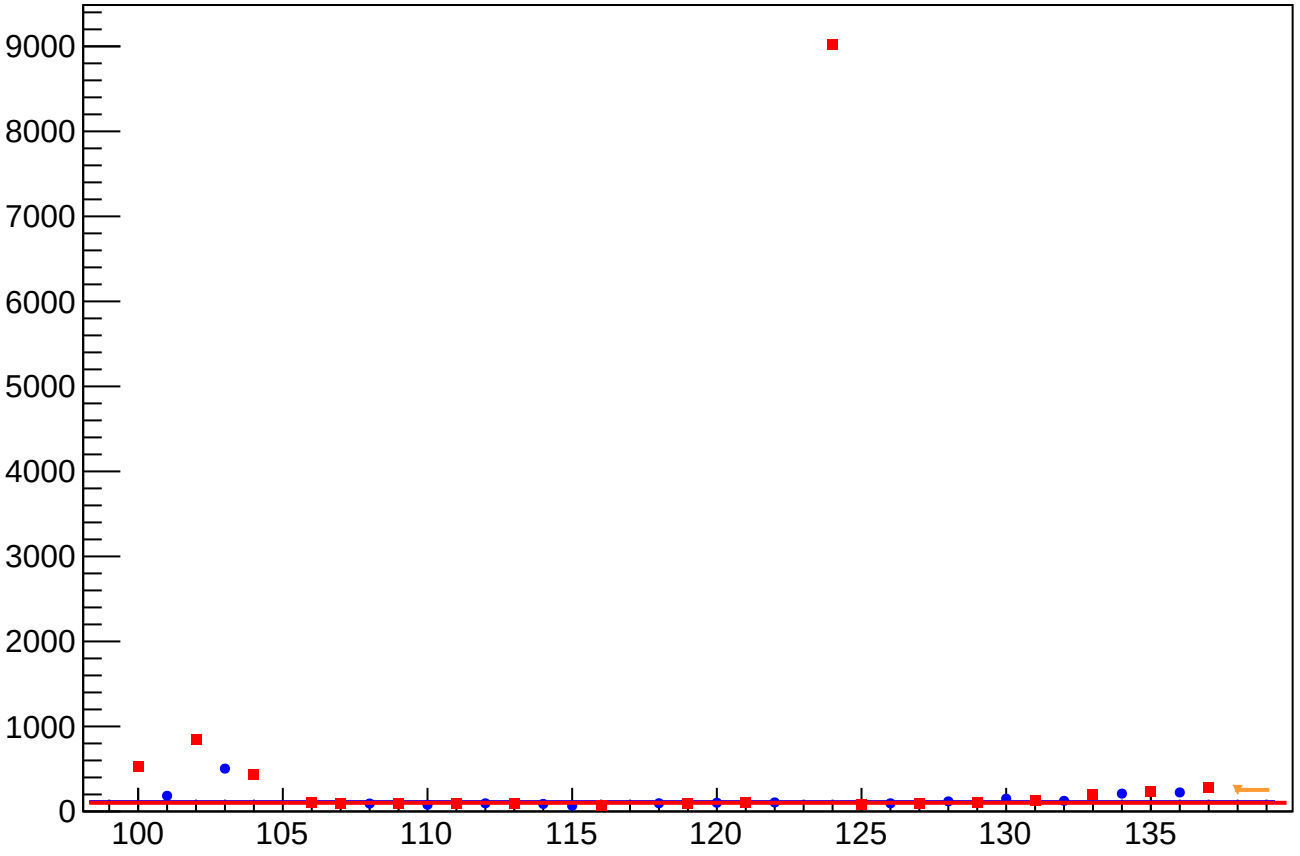
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.045 χ^2/NDF: 10.8/16

All: 0.007+/-0.031 χ^2/NDF: 33.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 109.988+/-0.032 χ^2/NDF: 1930558.2/15

Left Out: 253.498+/-0.207 χ^2/NDF:0.0/0

Right Out: 101.852+/-0.031 χ^2/NDF: 2589792.8/18

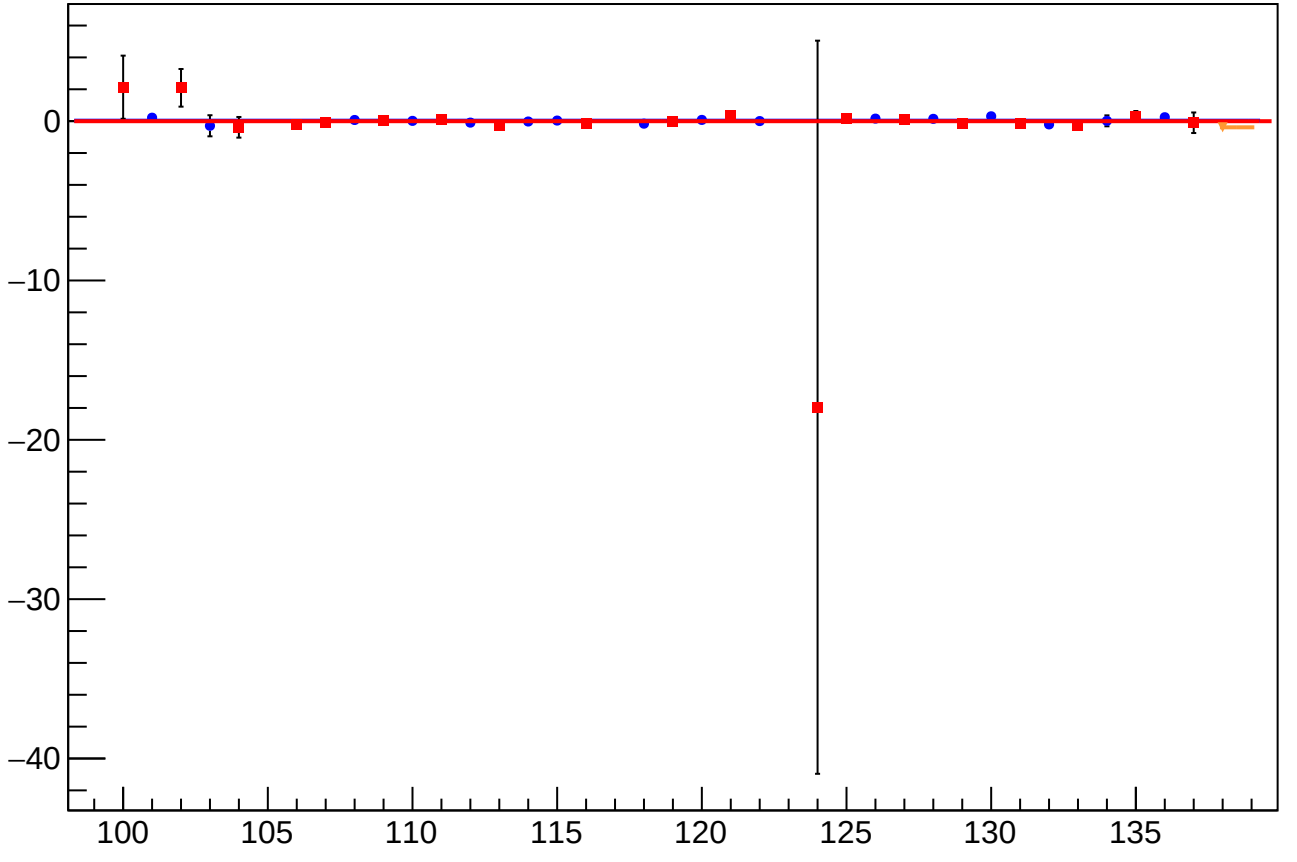
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.340+/-0.032 χ^2/NDF: 2399429.9/16

All: 107.414+/-0.022 χ^2/NDF: 5057160.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028+/-0.045 χ^2/NDF: 8.9/15

Left Out: -0.387+/-0.293 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.043 χ^2/NDF: 22.4/18

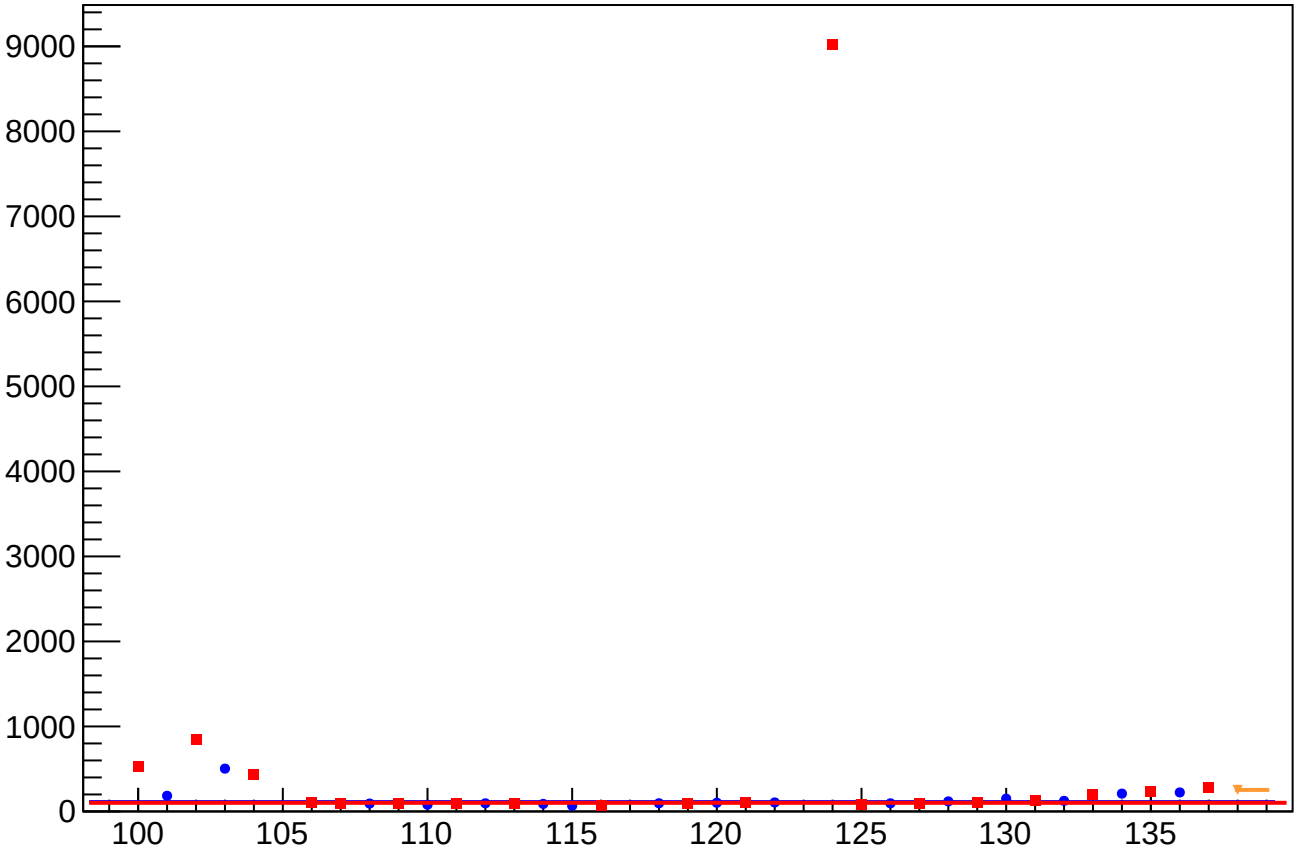
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.045 χ^2/NDF: 10.8/16

All: 0.007+/-0.031 χ^2/NDF: 33.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 109.988+/-0.032 χ^2/NDF: 1930558.2/15

Left Out: 253.498+/-0.207 χ^2/NDF:0.0/0

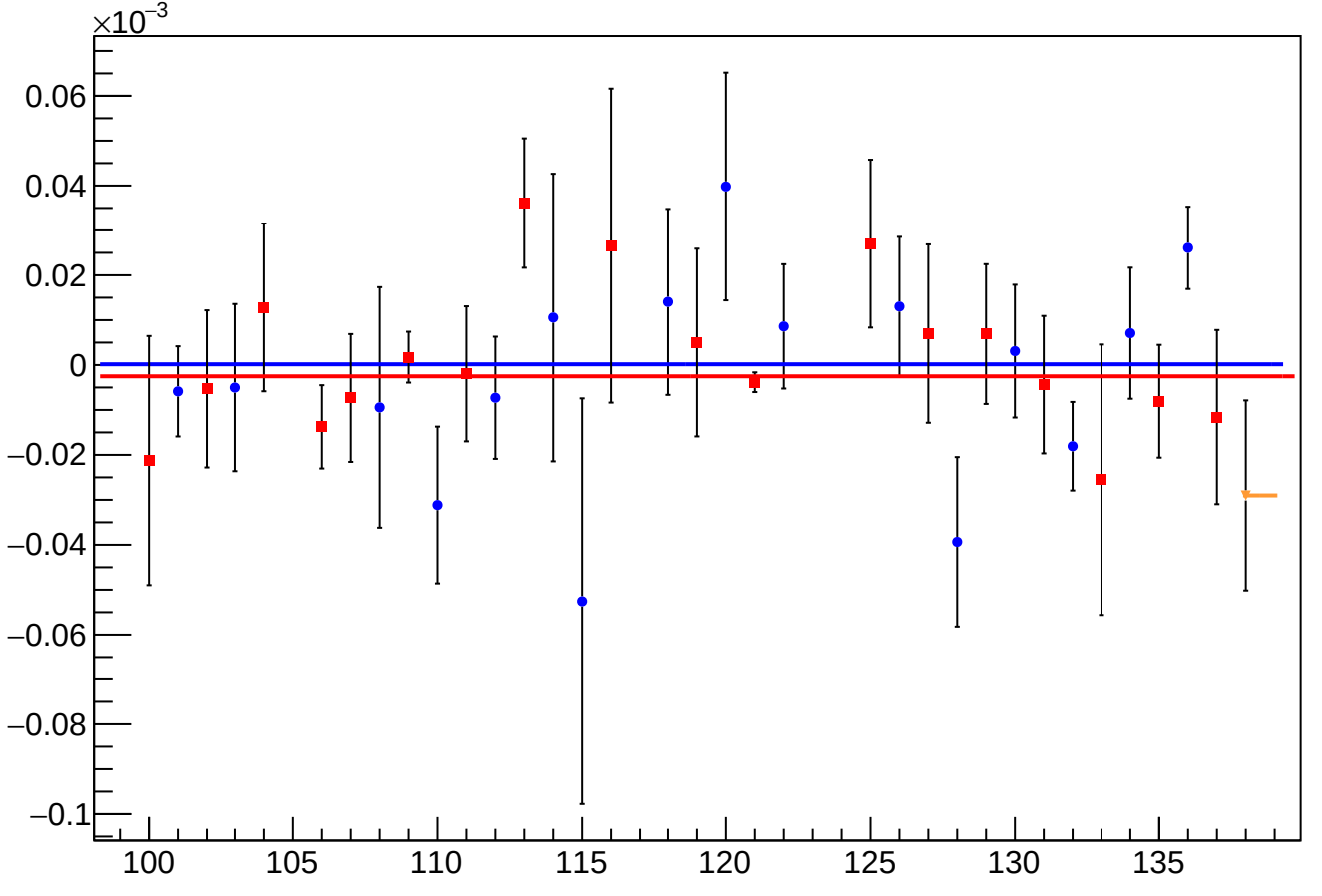
Right Out: 101.852+/-0.031 χ^2/NDF: 2589792.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.340+/-0.032 χ^2/NDF: 2399429.9/16

All: 107.414+/-0.022 χ^2/NDF: 5057160.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 25.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

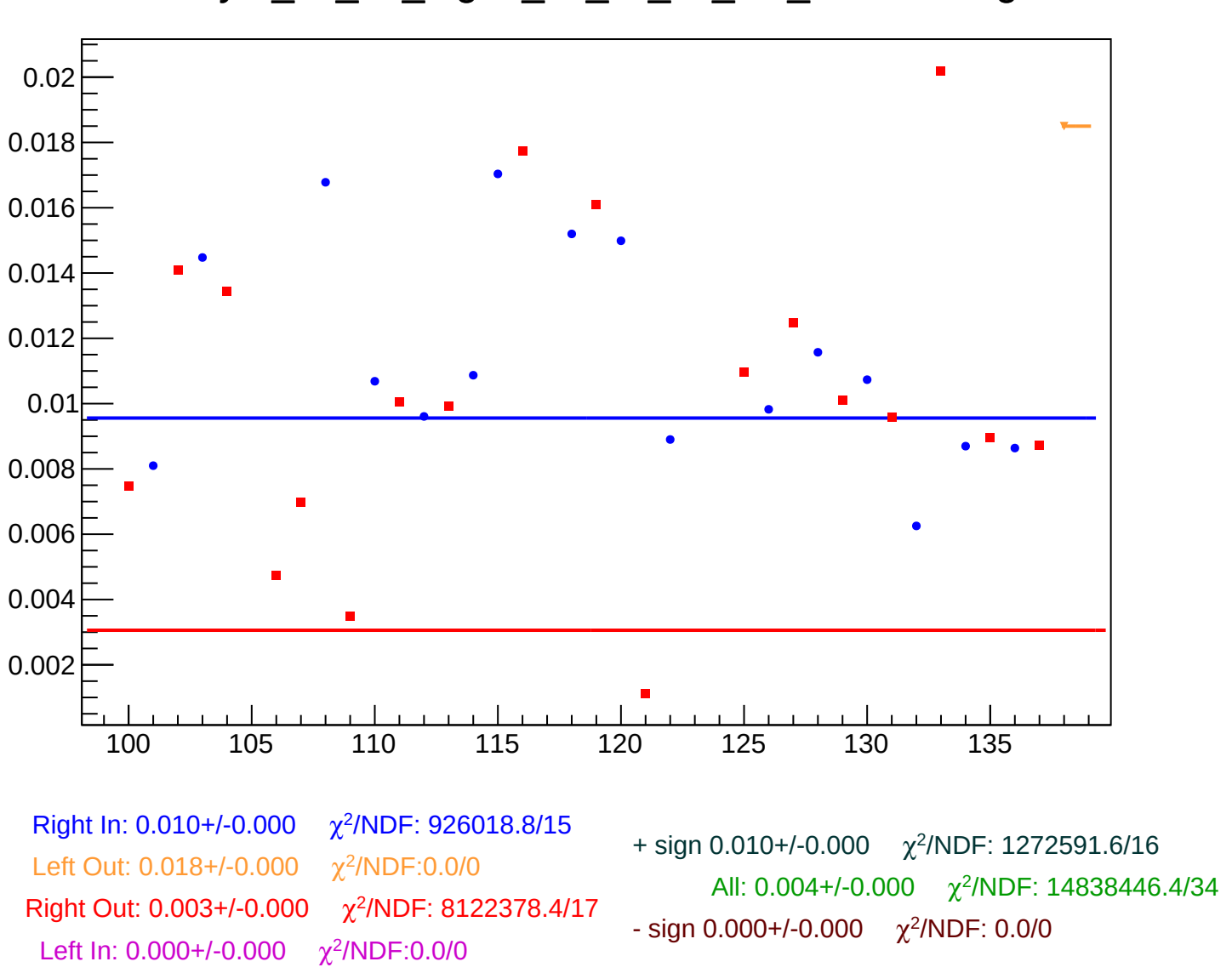
Right Out: -0.000+/-0.000 χ^2/NDF: 15.8/17

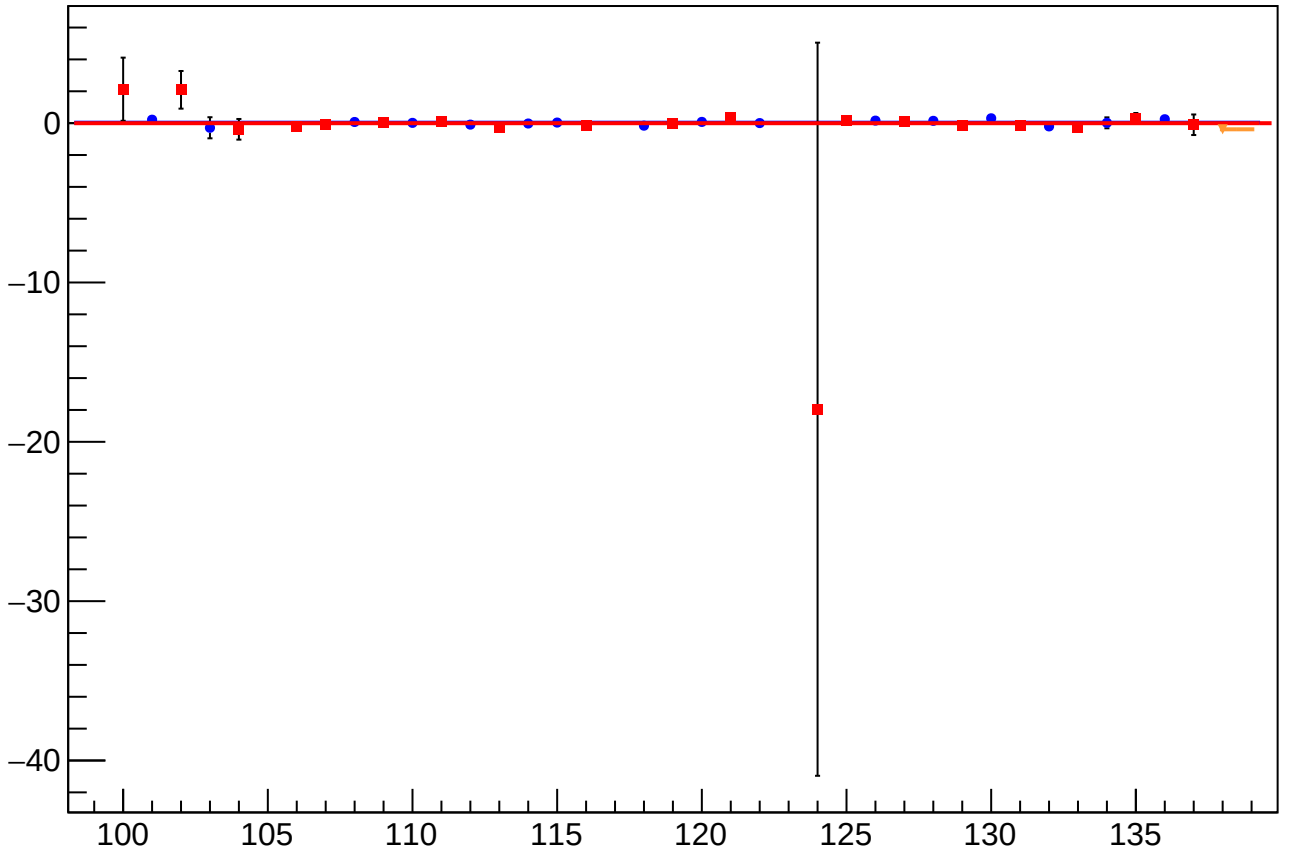
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 27.4/16

All: -0.000+/-0.000 χ^2/NDF: 43.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.010+/-0.000 χ²/NDF: 926018.8/15
Left Out: 0.018+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 8122378.4/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.010+/-0.000 χ²/NDF: 1272591.6/16
All: 0.004+/-0.000 χ²/NDF: 14838446.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.028+/-0.045 χ^2/NDF: 8.9/15

Left Out: -0.387+/-0.293 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.043 χ^2/NDF: 22.4/18

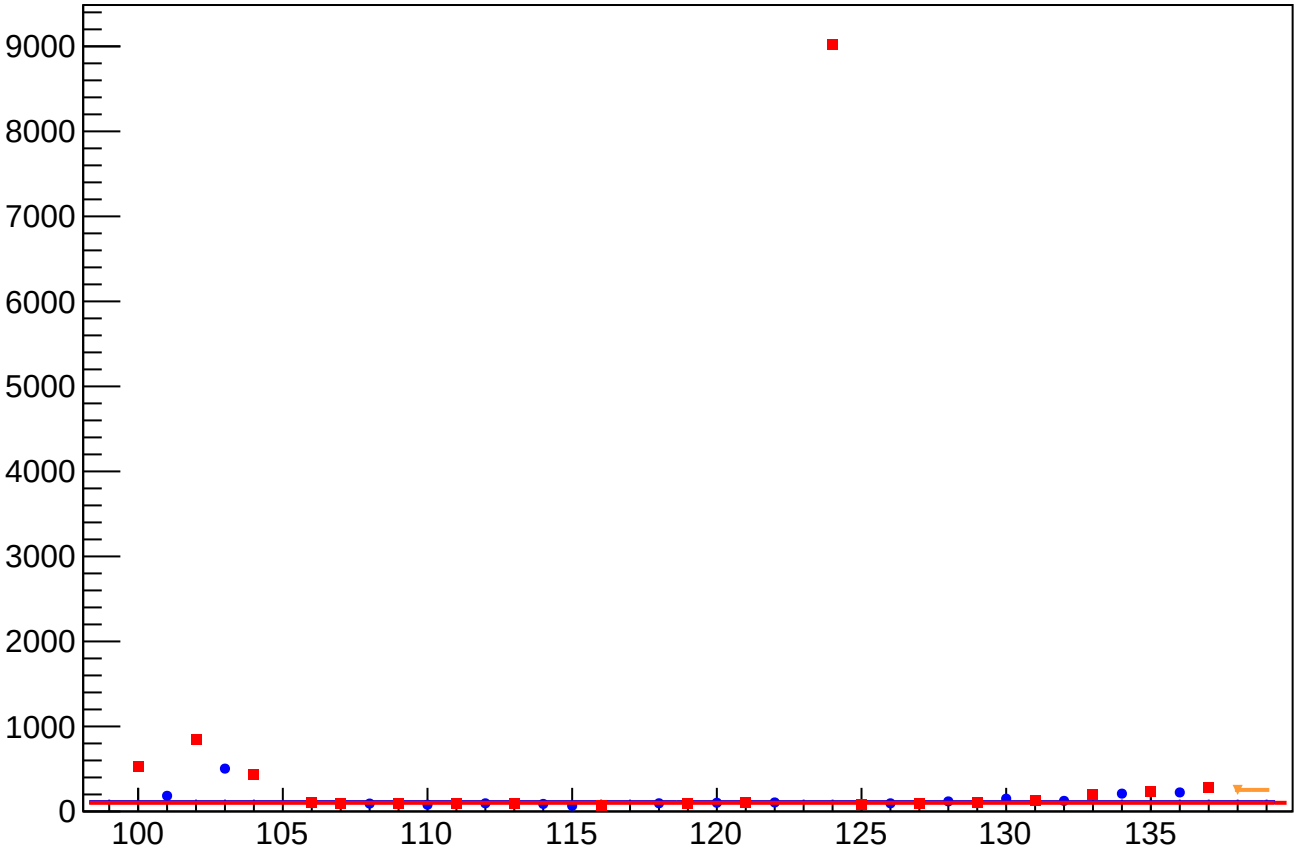
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.018+/-0.045 χ^2/NDF: 10.8/16

All: 0.007+/-0.031 χ^2/NDF: 33.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 109.989+/-0.032 χ^2/NDF: 1930489.2/15

Left Out: 253.501+/-0.207 χ^2/NDF:0.0/0

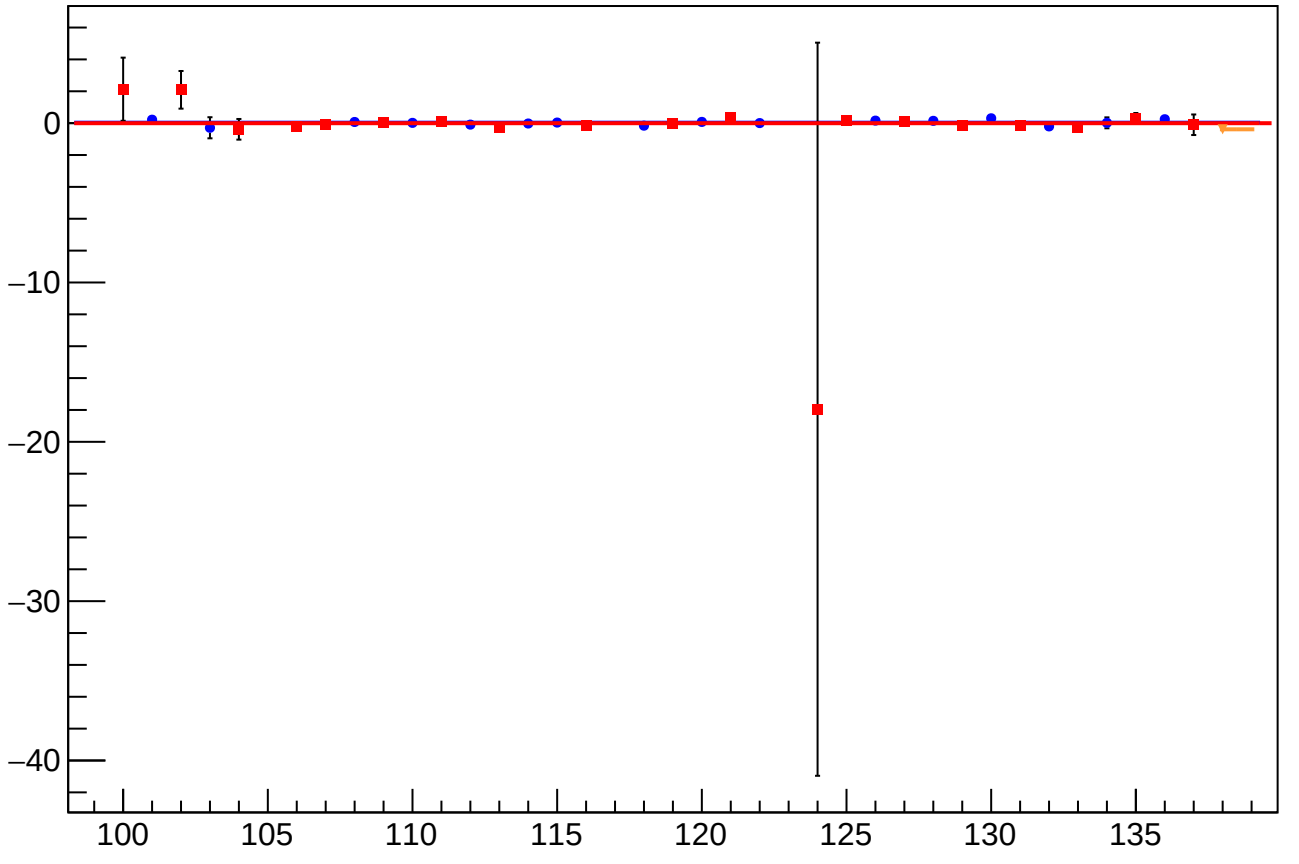
Right Out: 101.853+/-0.031 χ^2/NDF: 2589710.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.341+/-0.032 χ^2/NDF: 2399365.2/16

All: 107.415+/-0.022 χ^2/NDF: 5057008.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.045 χ^2/NDF: 8.9/15

Left Out: -0.387+/-0.293 χ^2/NDF:0.0/0

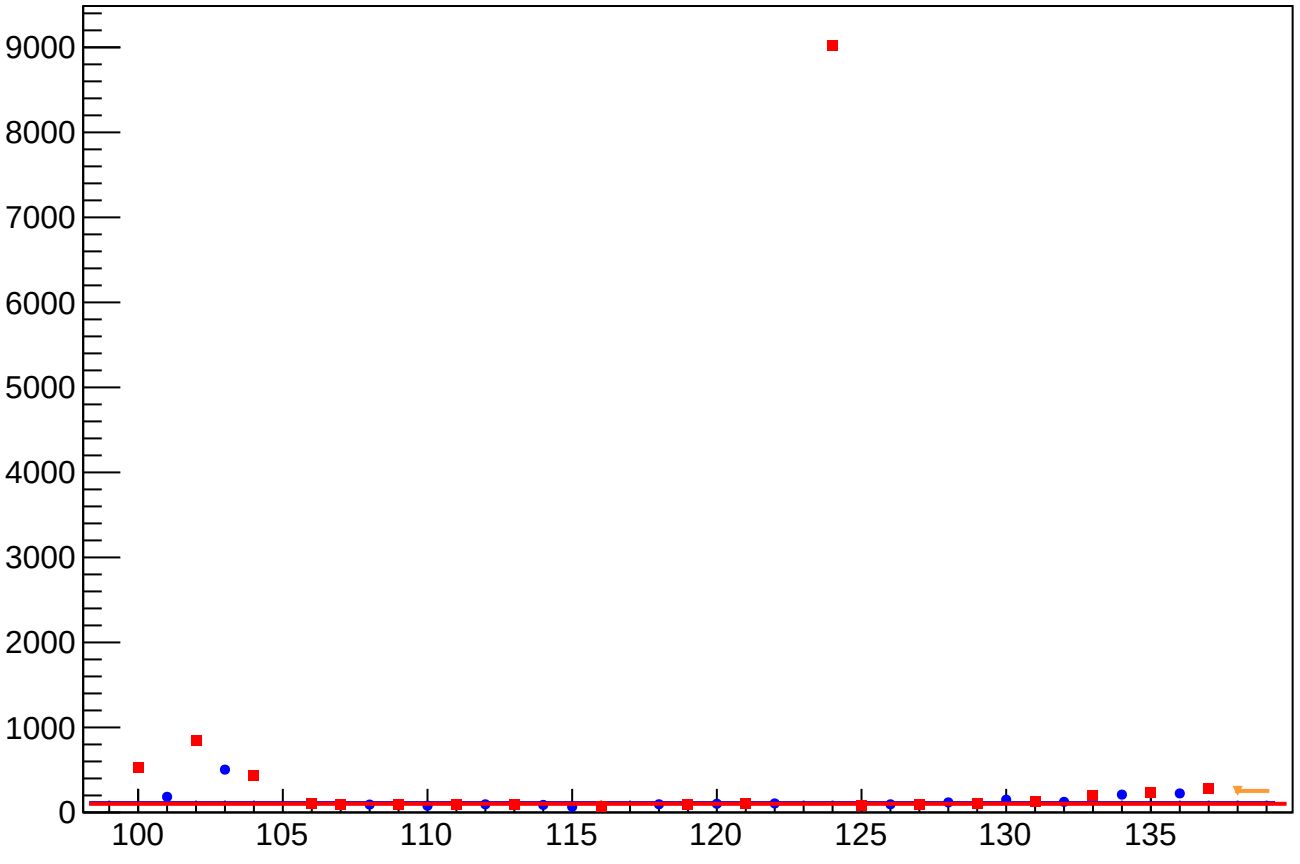
Right Out: -0.003+/-0.043 χ^2/NDF: 22.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.018+/-0.045 χ^2/NDF: 10.8/16

All: 0.007+/-0.031 χ^2/NDF: 33.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 109.989+/-0.032 χ^2/NDF: 1930489.2/15

Left Out: 253.501+/-0.207 χ^2/NDF:0.0/0

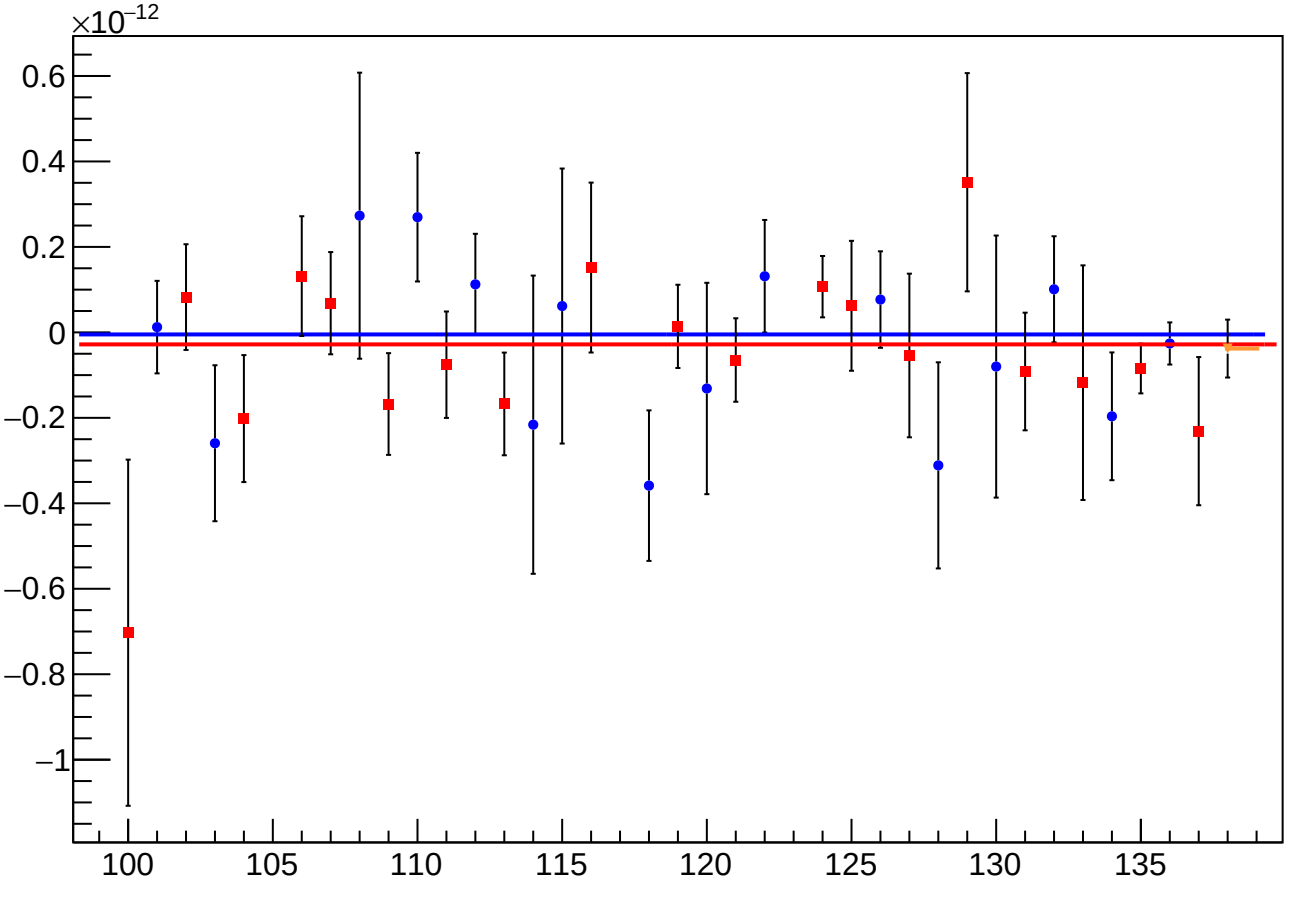
Right Out: 101.853+/-0.031 χ^2/NDF: 2589710.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.341+/-0.032 χ^2/NDF: 2399365.2/16

All: 107.415+/-0.022 χ^2/NDF: 5057008.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

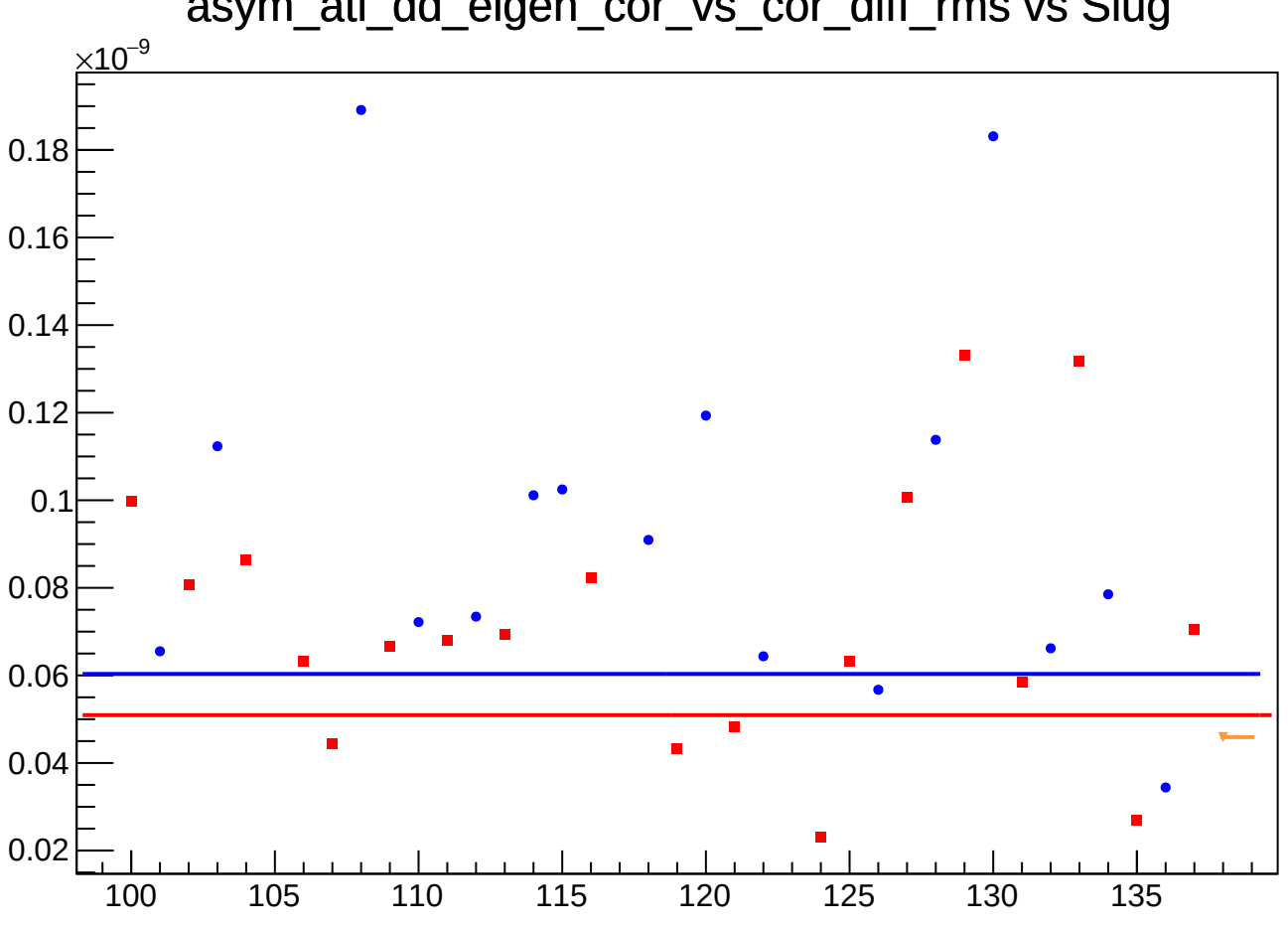
Right Out: -0.000+/-0.000 χ^2/NDF: 19.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.7/16

All: -0.000+/-0.000 χ^2/NDF: 37.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1746170.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1667004.7/18

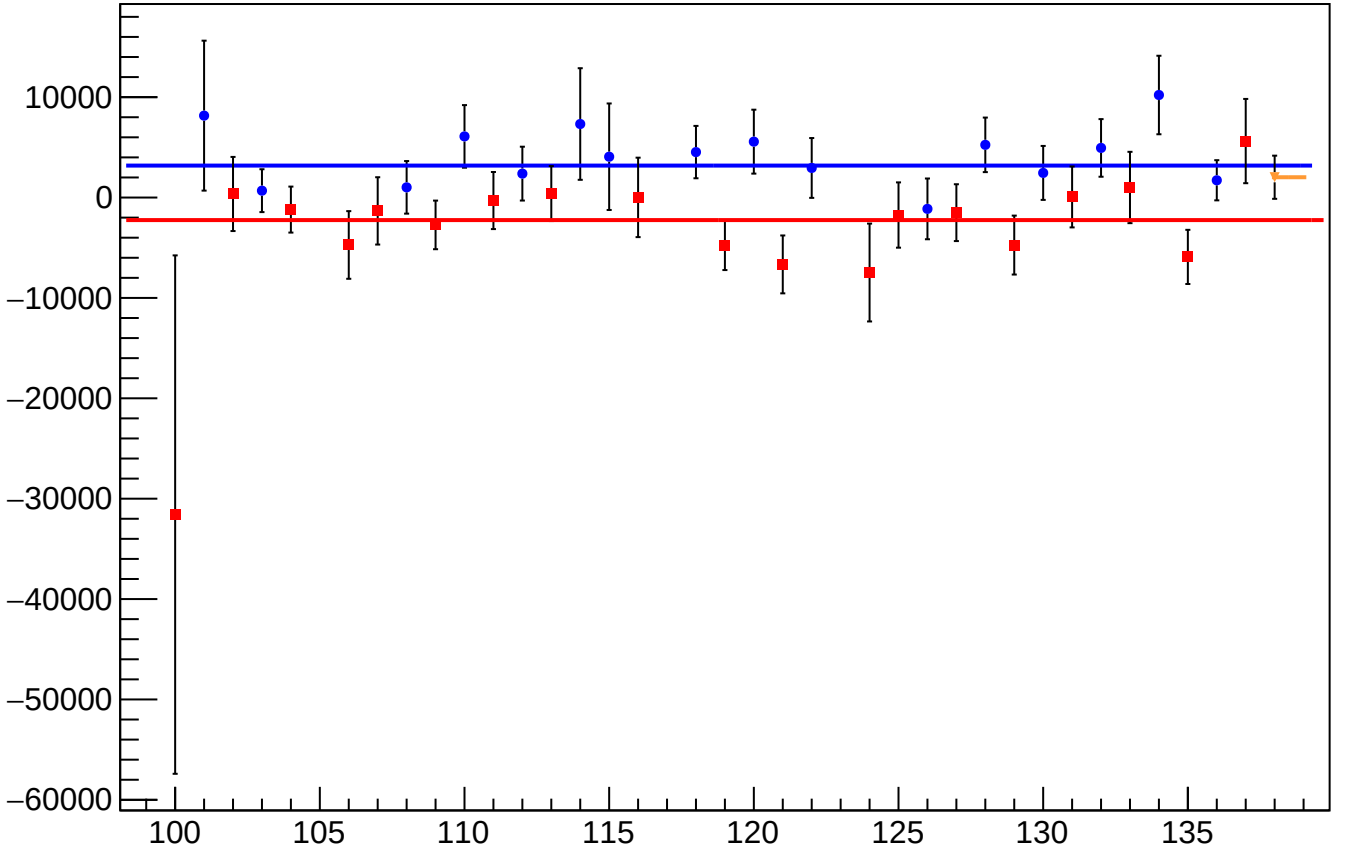
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1820544.4/16

All: 0.000+/-0.000 χ^2/NDF: 3546691.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 3183.705+/-731.133 χ^2/NDF: 11.7/15

Left Out: 2022.335+/-2150.404 χ^2/NDF:0.0/0

Right Out: -2246.057+/-710.912 χ^2/NDF: 16.5/18

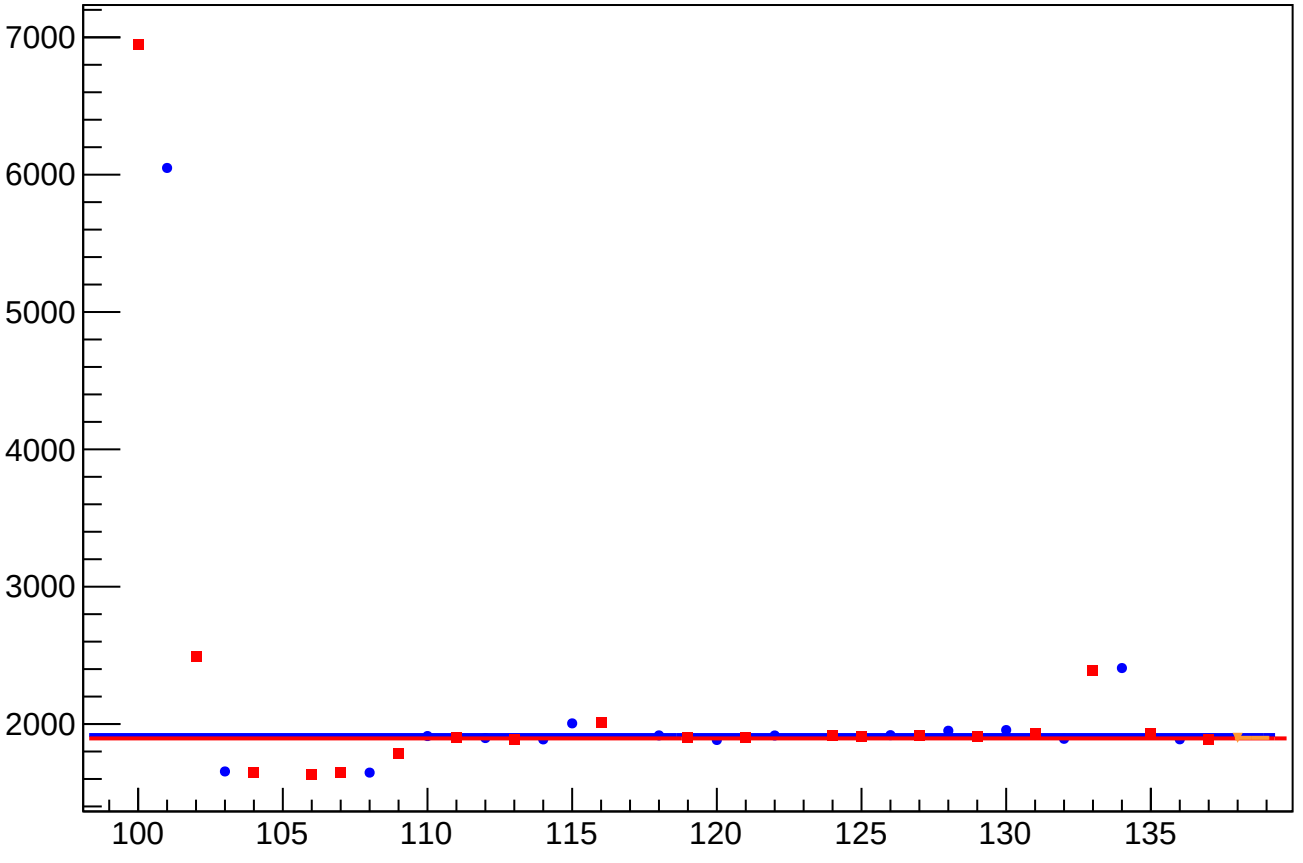
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3063.364+/-692.217 χ^2/NDF: 12.0/16

All: 479.381+/-495.949 χ^2/NDF: 57.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1919.827+/-0.517 χ^2/NDF: 697331.5/15

Left Out: 1899.675+/-1.521 χ^2/NDF:0.0/0

Right Out: 1895.361+/-0.501 χ^2/NDF: 222273.9/18

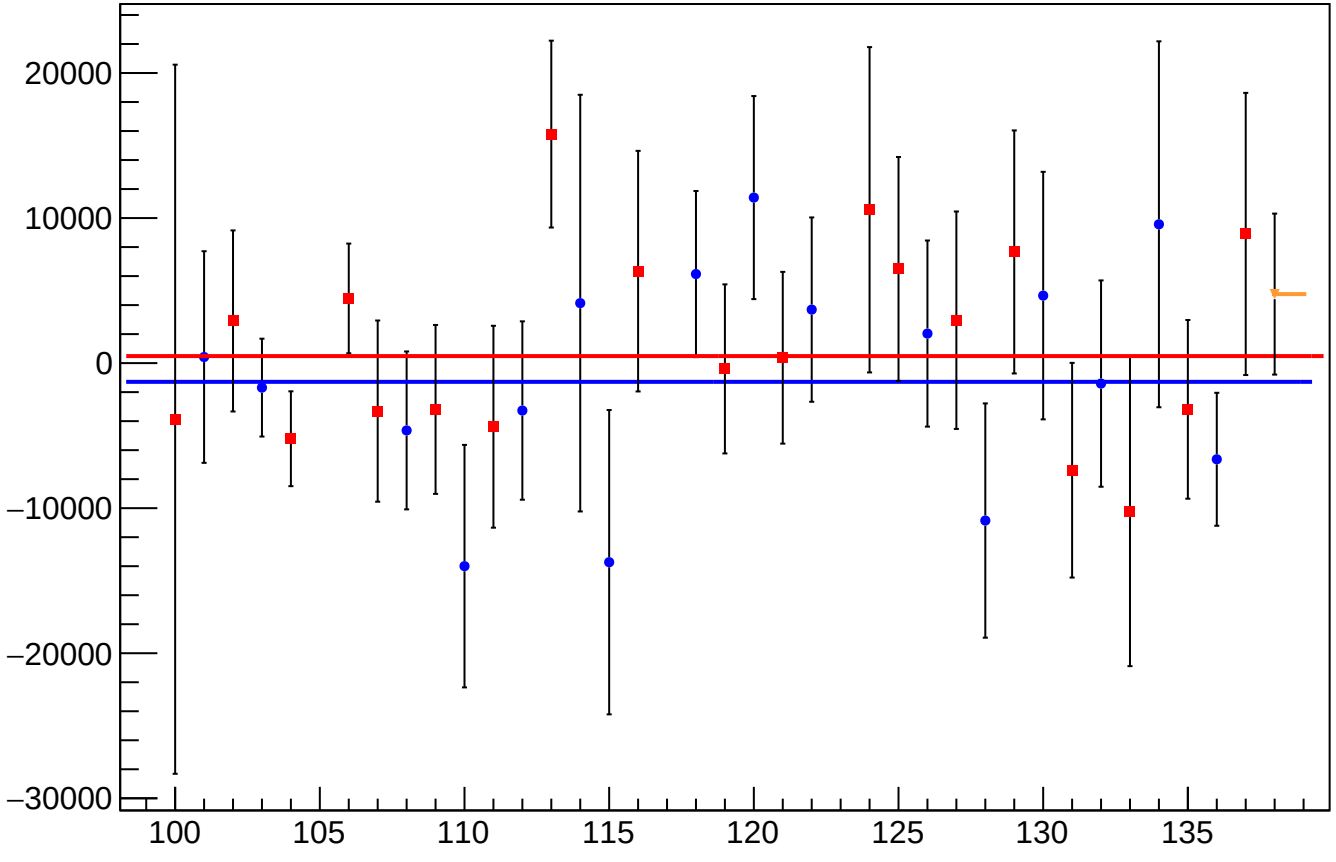
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1917.739+/-0.489 χ^2/NDF: 697488.9/16

All: 1906.809+/-0.350 χ^2/NDF: 920783.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -1290.495+/-1585.432 χ^2/NDF: 14.3/15

Left Out: 4757.913+/-5549.296 χ^2/NDF:0.0/0

Right Out: 485.214+/-1437.465 χ^2/NDF: 17.2/18

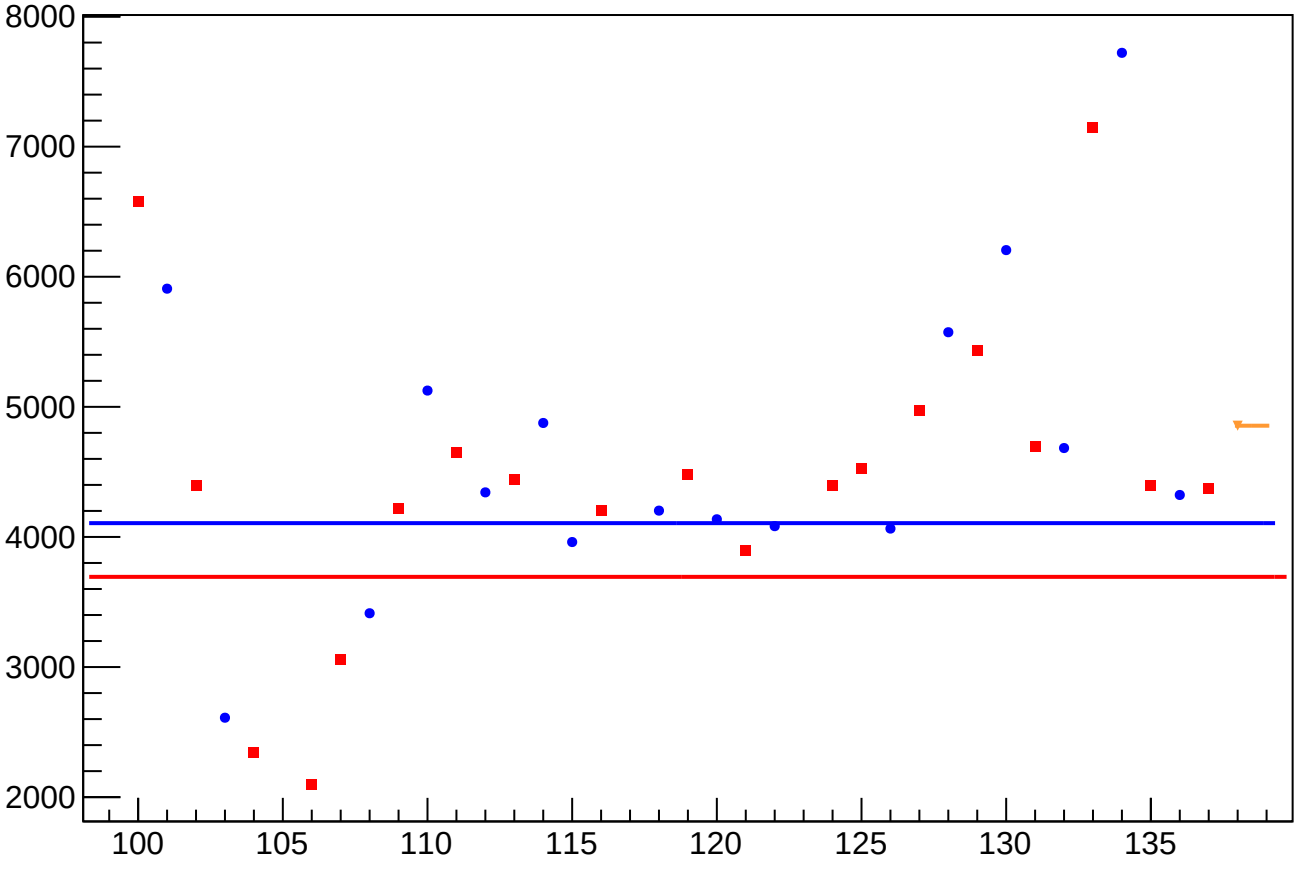
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -834.054+/-1524.437 χ^2/NDF: 15.4/16

All: -135.715+/-1045.837 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 4106.141+/-1.121 χ^2/NDF: 956130.4/15

Left Out: 4855.105+/-3.924 χ^2/NDF:0.0/0

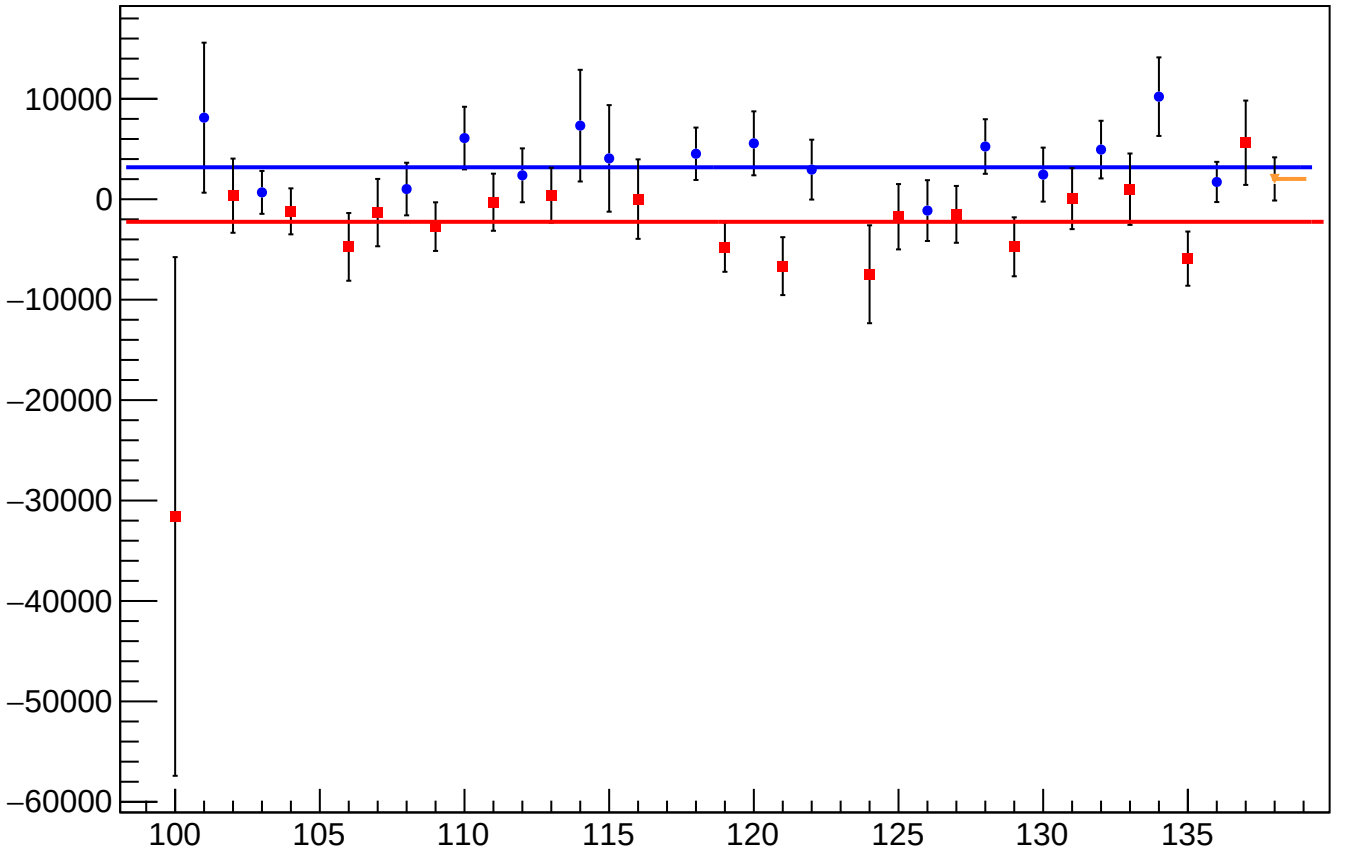
Right Out: 3693.266+/-1.016 χ^2/NDF: 1356643.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4162.662+/-1.078 χ^2/NDF: 989812.5/16

All: 3914.193+/-0.740 χ^2/NDF: 2446829.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3182.973+/-731.133 χ^2/NDF: 11.7/15

Left Out: 2022.392+/-2150.404 χ^2/NDF:0.0/0

Right Out: -2247.193+/-710.916 χ^2/NDF: 16.5/18

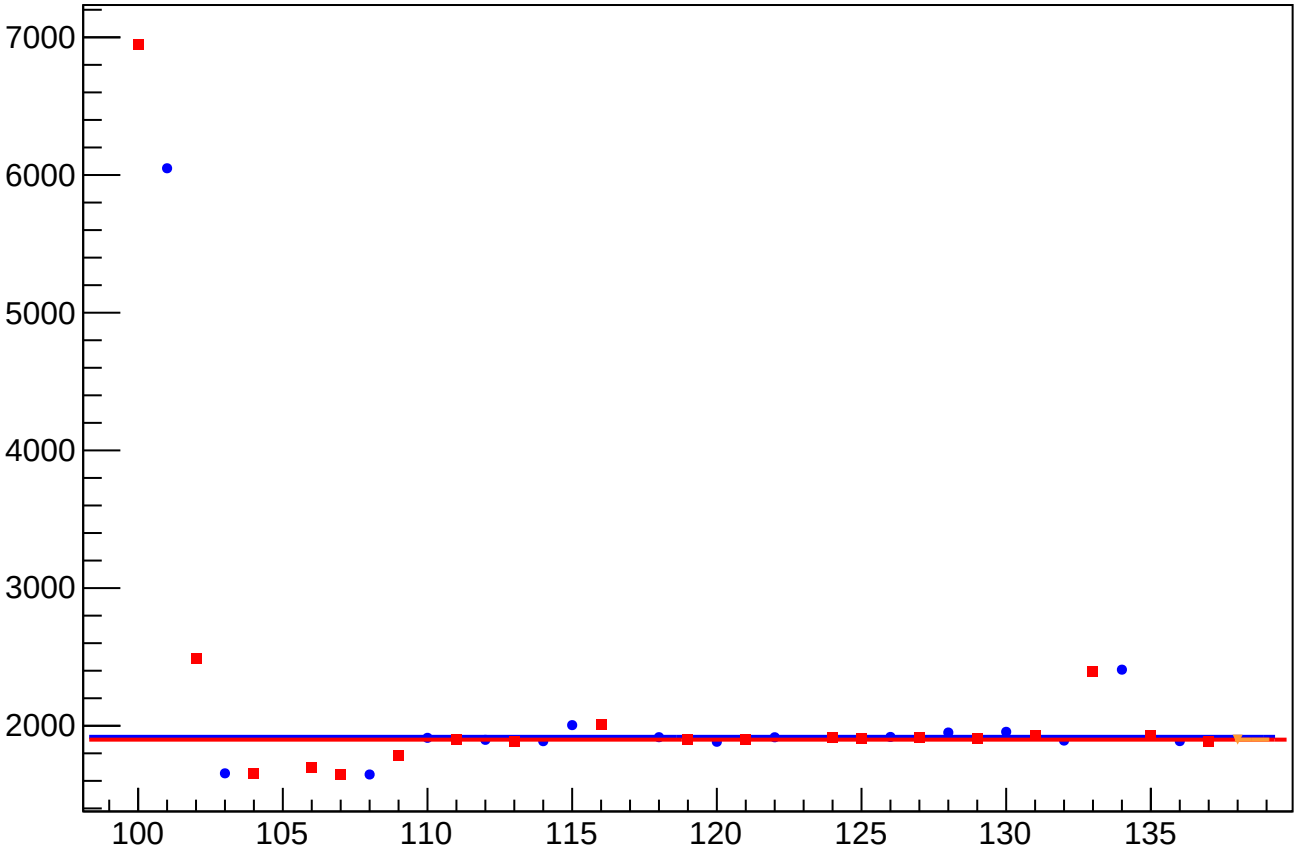
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3062.713+/-692.217 χ^2/NDF: 12.0/16

All: 478.509+/-495.950 χ^2/NDF: 57.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1919.827+/-0.517 χ^2/NDF: 697330.6/15

Left Out: 1899.675+/-1.521 χ^2/NDF:0.0/0

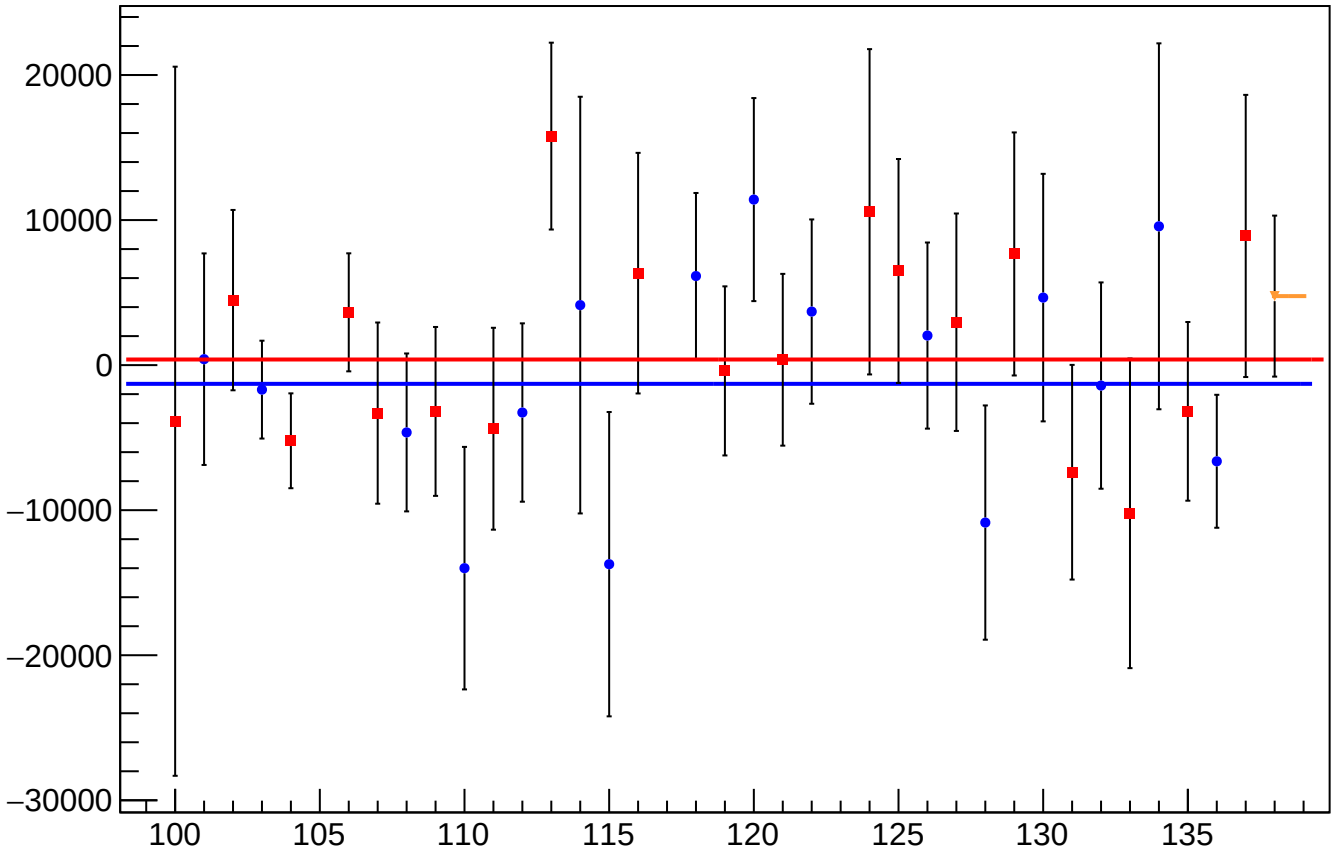
Right Out: 1899.364+/-0.502 χ^2/NDF: 215654.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1917.739+/-0.489 χ^2/NDF: 697488.1/16

All: 1908.782+/-0.350 χ^2/NDF: 913829.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1290.862+/-1585.435 χ^2/NDF: 14.3/15

Left Out: 4757.832+/-5549.281 χ^2/NDF:0.0/0

Right Out: 387.626+/-1451.530 χ^2/NDF: 17.0/18

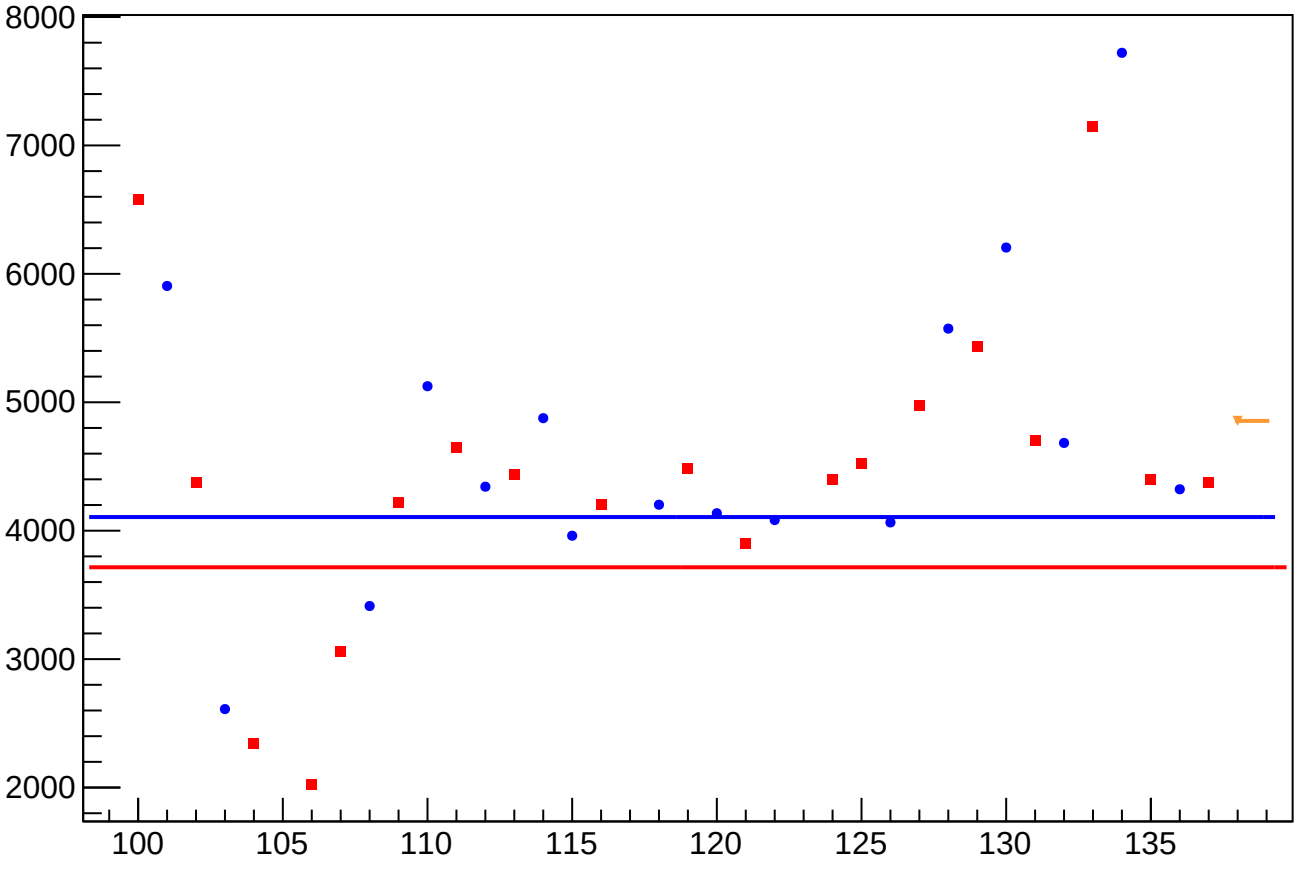
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -834.396+/-1524.439 χ^2/NDF: 15.4/16

All: -193.464+/-1051.217 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 4106.234+/-1.121 χ^2/NDF: 955631.2/15

Left Out: 4855.088+/-3.924 χ^2/NDF:0.0/0

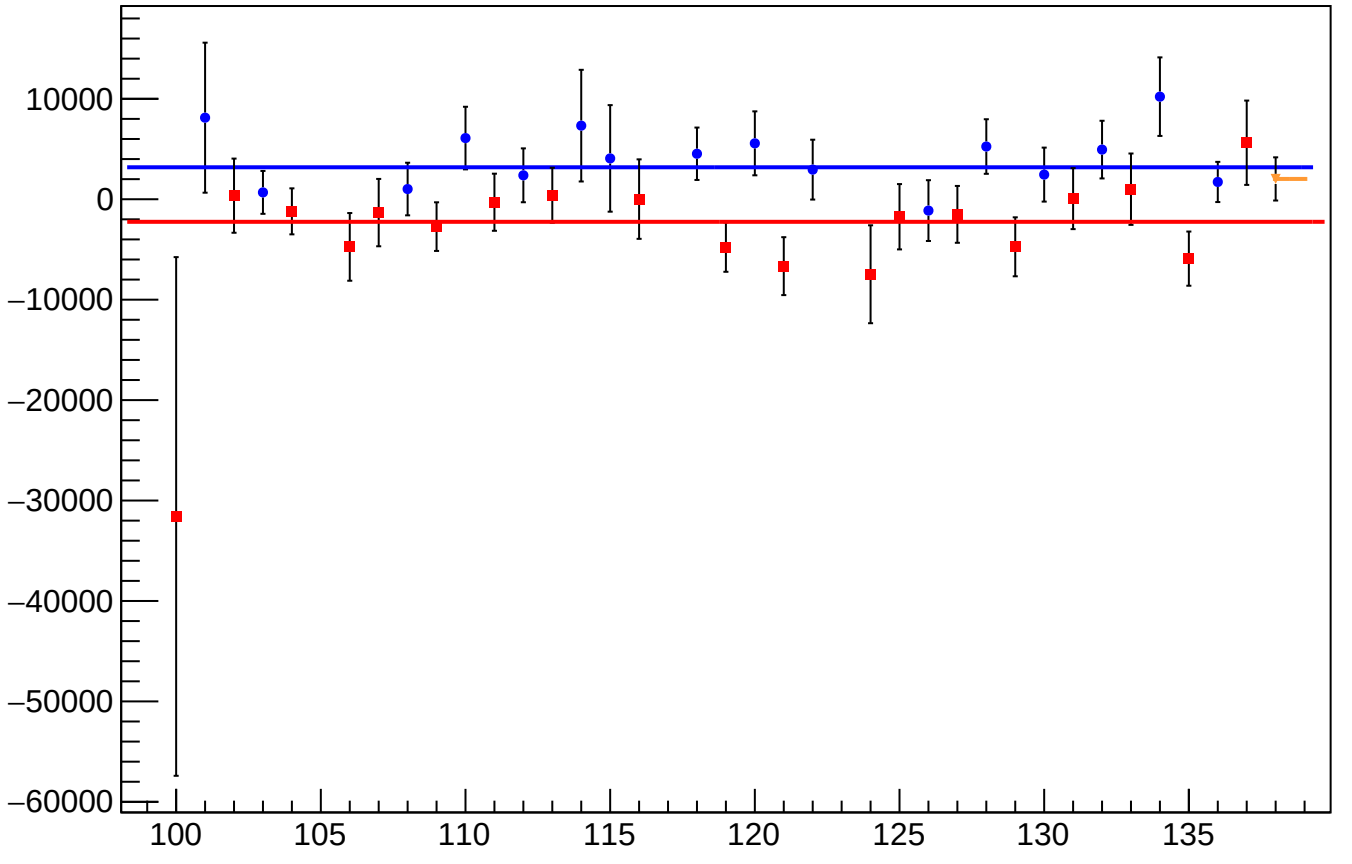
Right Out: 3715.202+/-1.026 χ^2/NDF: 1335100.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4162.746+/-1.078 χ^2/NDF: 989303.6/16

All: 3928.017+/-0.743 χ^2/NDF: 2414813.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3182.973+/-731.133 χ^2/NDF: 11.7/15

Left Out: 2022.392+/-2150.404 χ^2/NDF:0.0/0

Right Out: -2247.193+/-710.916 χ^2/NDF: 16.5/18

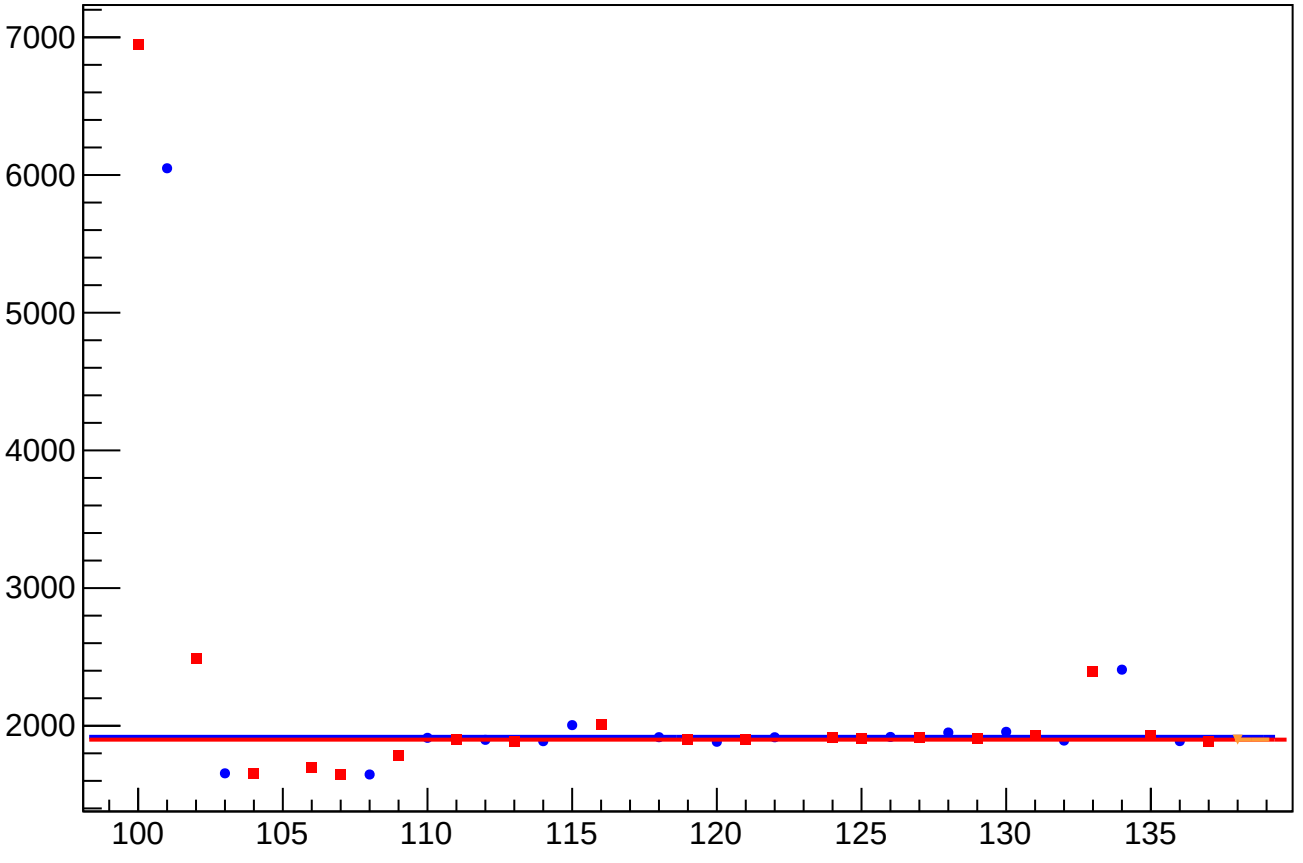
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3062.713+/-692.217 χ^2/NDF: 12.0/16

All: 478.509+/-495.950 χ^2/NDF: 57.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1919.827+/-0.517 χ^2/NDF: 697330.6/15

Left Out: 1899.675+/-1.521 χ^2/NDF:0.0/0

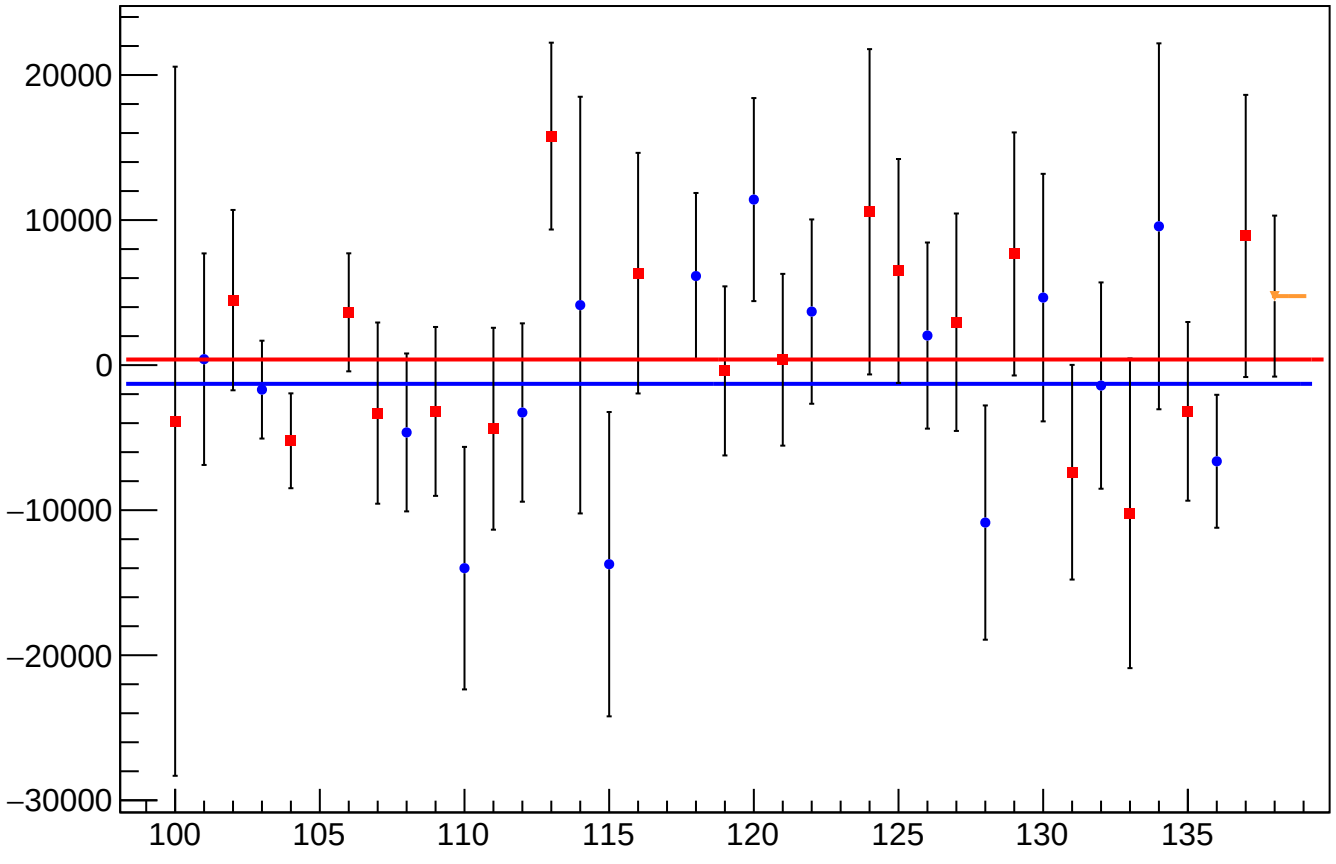
Right Out: 1899.364+/-0.502 χ^2/NDF: 215654.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1917.739+/-0.489 χ^2/NDF: 697488.1/16

All: 1908.782+/-0.350 χ^2/NDF: 913829.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1290.862+/-1585.435 χ^2/NDF: 14.3/15

Left Out: 4757.832+/-5549.281 χ^2/NDF:0.0/0

Right Out: 387.626+/-1451.530 χ^2/NDF: 17.0/18

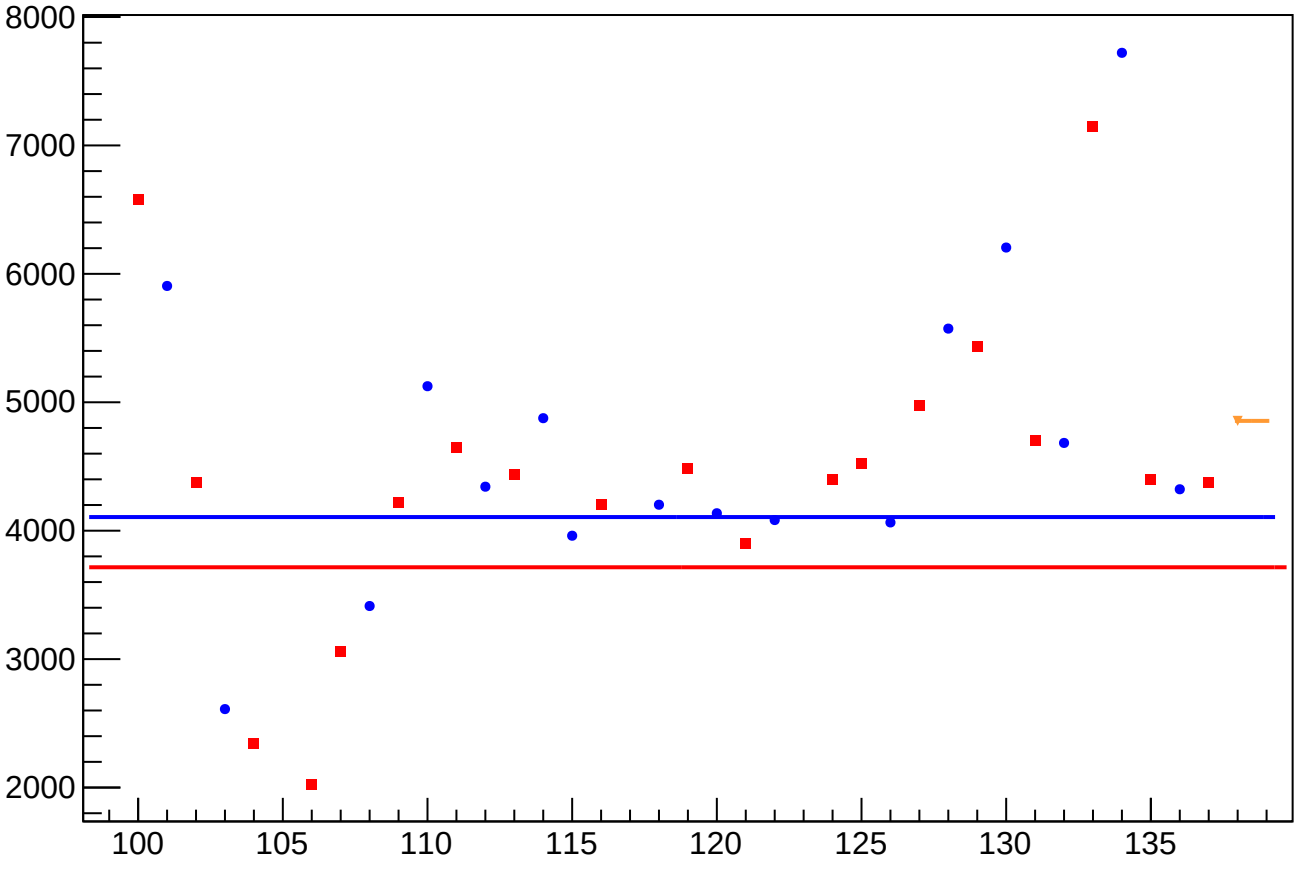
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -834.396+/-1524.439 χ^2/NDF: 15.4/16

All: -193.464+/-1051.217 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 4106.234+/-1.121 χ^2/NDF: 955631.2/15

Left Out: 4855.088+/-3.924 χ^2/NDF:0.0/0

Right Out: 3715.202+/-1.026 χ^2/NDF: 1335100.7/18

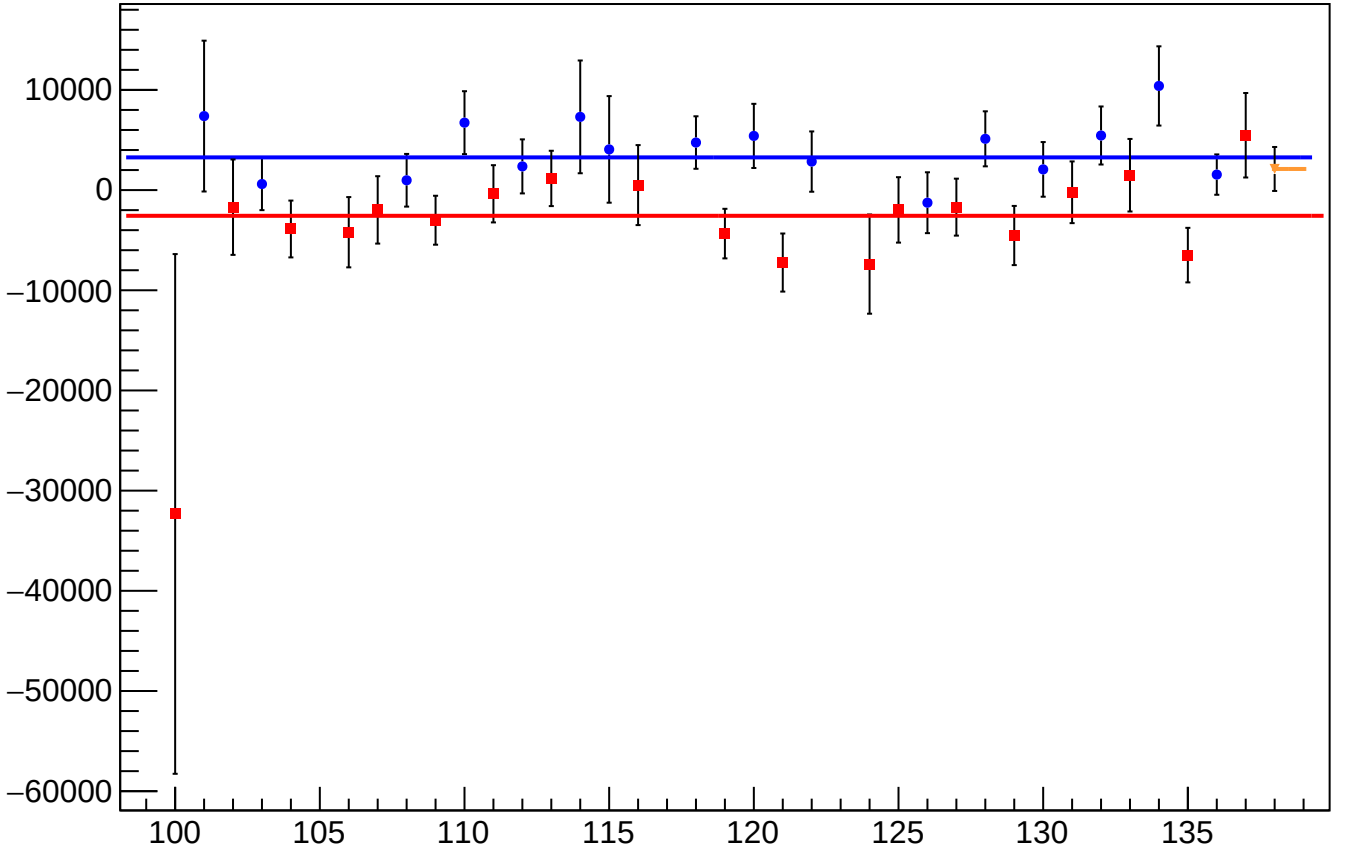
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4162.746+/-1.078 χ^2/NDF: 989303.6/16

All: 3928.017+/-0.743 χ^2/NDF: 2414813.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 3264.639+/-750.865 χ^2/NDF: 12.2/15

Left Out: 2108.355+/-2194.587 χ^2/NDF:0.0/0

Right Out: -2566.683+/-734.876 χ^2/NDF: 17.0/18

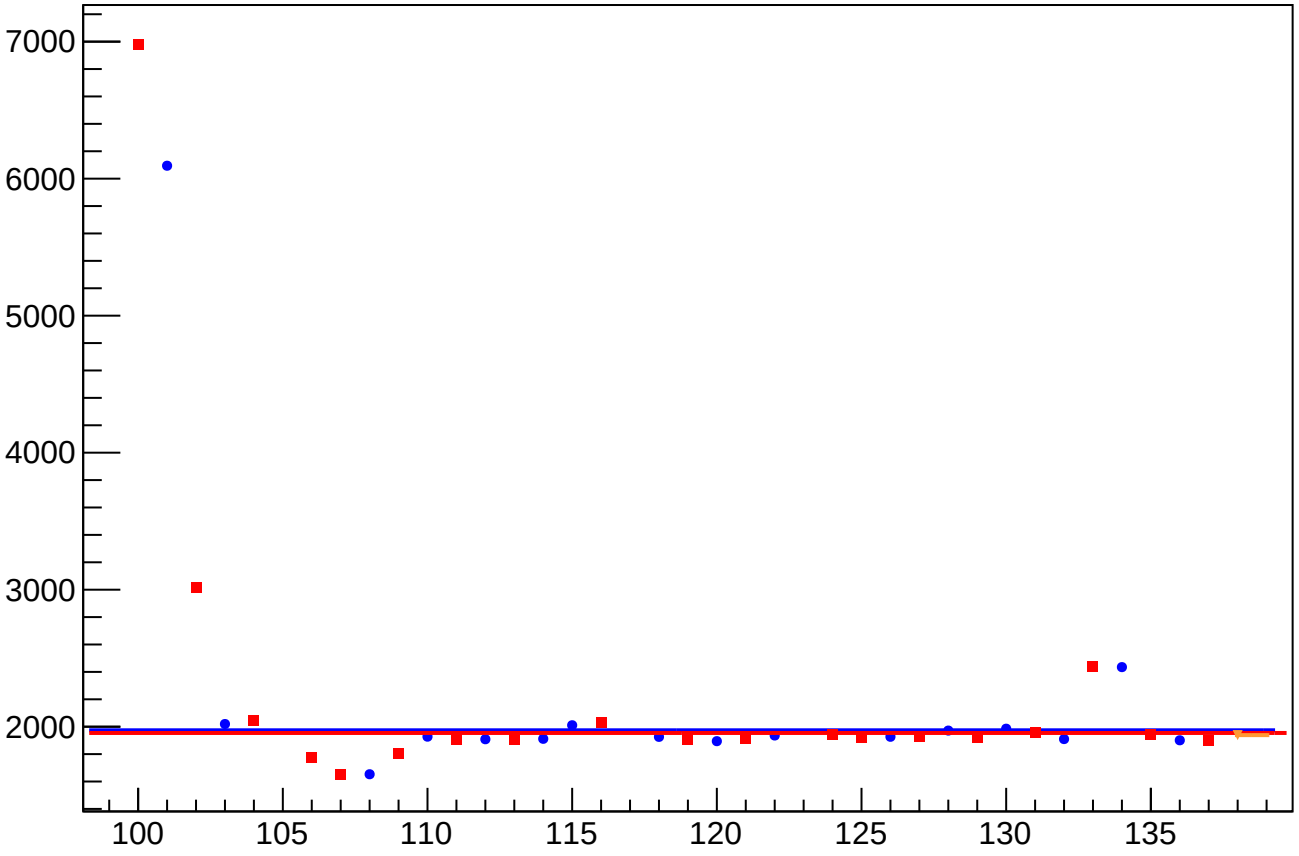
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3143.467+/-710.433 χ^2/NDF: 12.4/16

All: 384.932+/-510.775 χ^2/NDF: 60.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 1973.748+/-0.531 χ^2/NDF: 665124.2/15

Left Out: 1938.544+/-1.552 χ^2/NDF:0.0/0

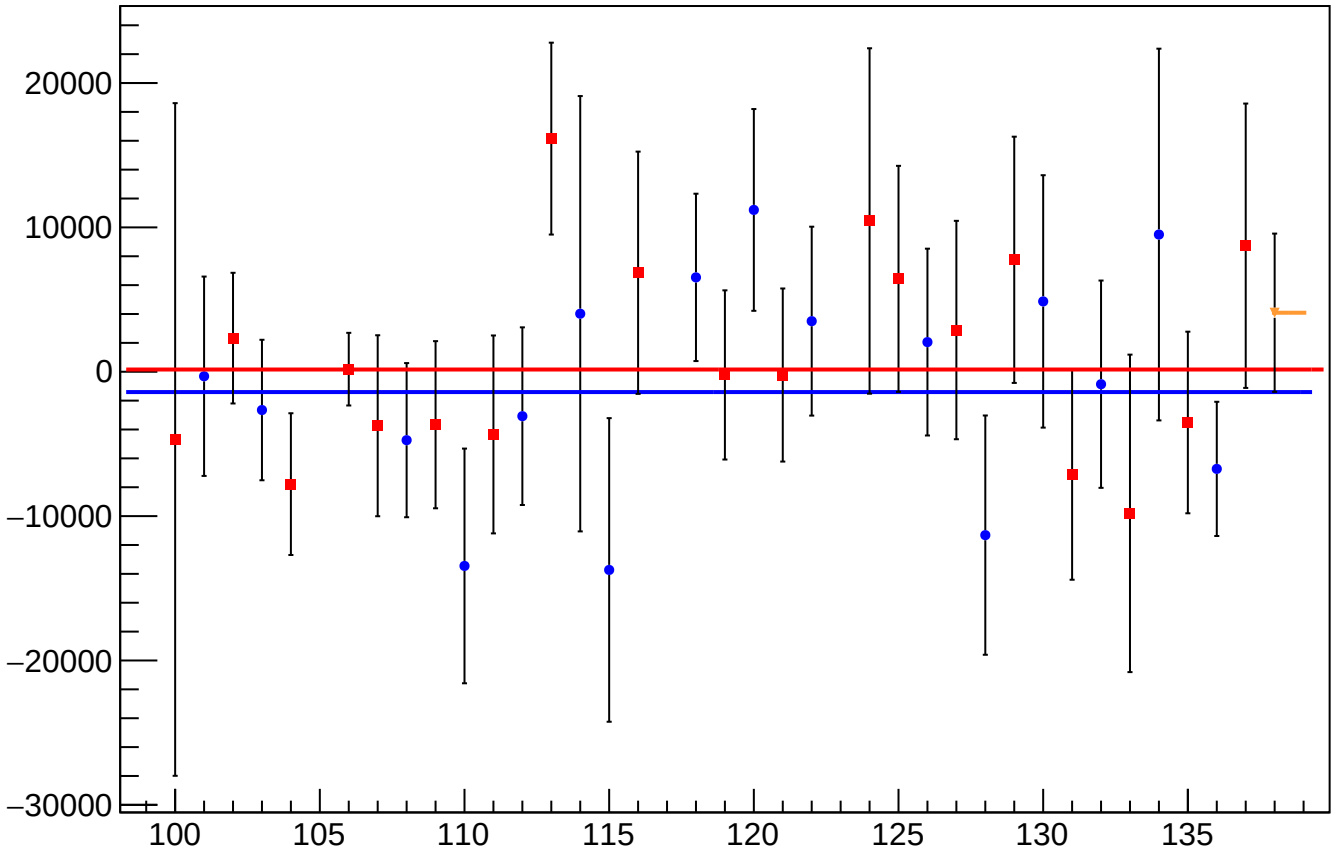
Right Out: 1954.339+/-0.519 χ^2/NDF: 246211.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1970.059+/-0.502 χ^2/NDF: 665585.0/16

All: 1962.458+/-0.361 χ^2/NDF: 912269.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1407.382+/-1689.989 χ^2/NDF: 14.2/15

Left Out: 4087.914+/-5482.165 χ^2/NDF:0.0/0

Right Out: 155.271+/-1363.642 χ^2/NDF: 15.8/18

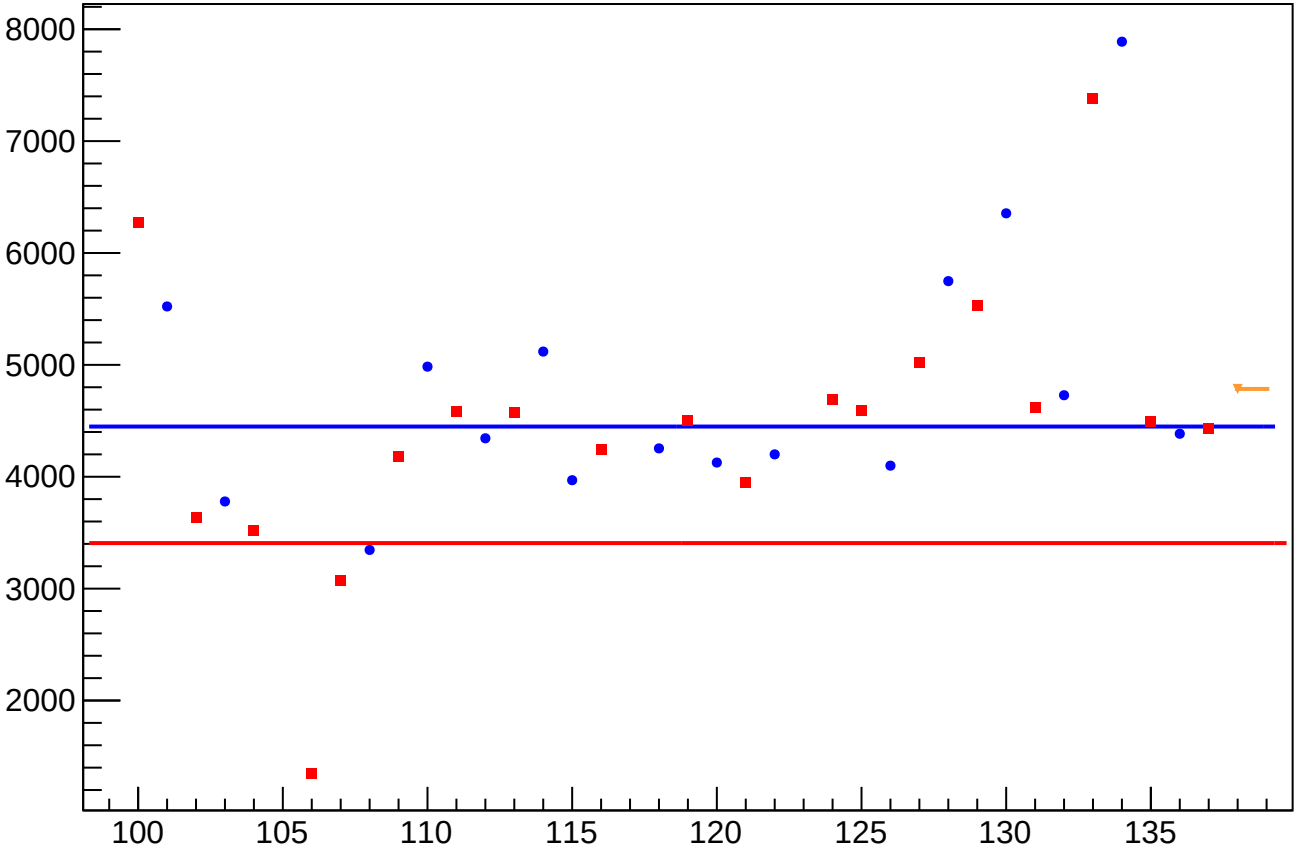
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -930.481+/-1614.993 χ^2/NDF: 15.1/16

All: -296.632+/-1041.905 χ^2/NDF: 31.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4448.711+/-1.195 χ^2/NDF: 494613.5/15

Left Out: 4784.962+/-3.876 χ^2/NDF:0.0/0

Right Out: 3407.128+/-0.964 χ^2/NDF: 2326060.4/18

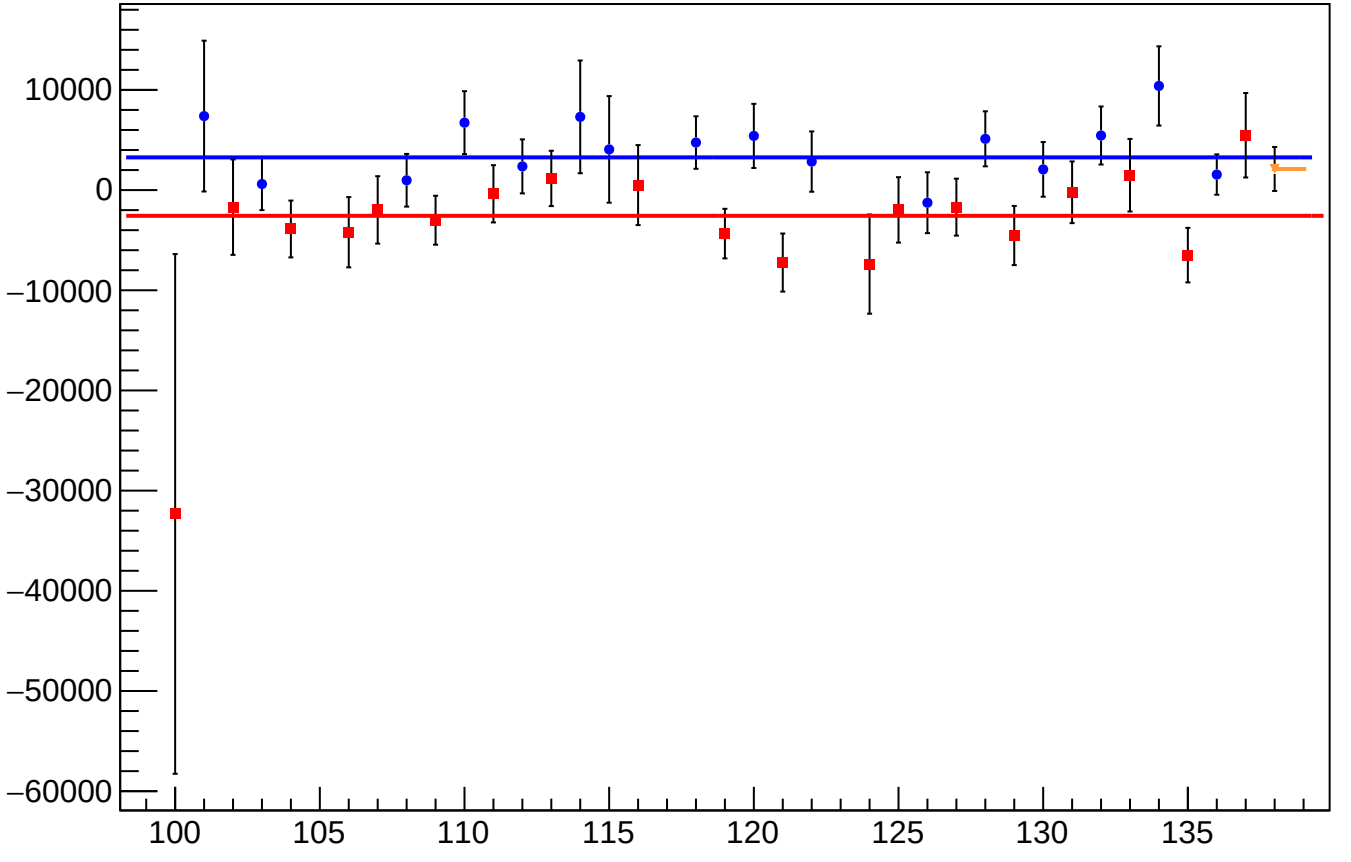
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4477.892+/-1.142 χ^2/NDF: 501484.6/16

All: 3852.793+/-0.737 χ^2/NDF: 3340797.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 3264.644+/-750.865 χ^2/NDF: 12.2/15

Left Out: 2108.352+/-2194.588 χ^2/NDF:0.0/0

Right Out: -2566.689+/-734.875 χ^2/NDF: 17.0/18

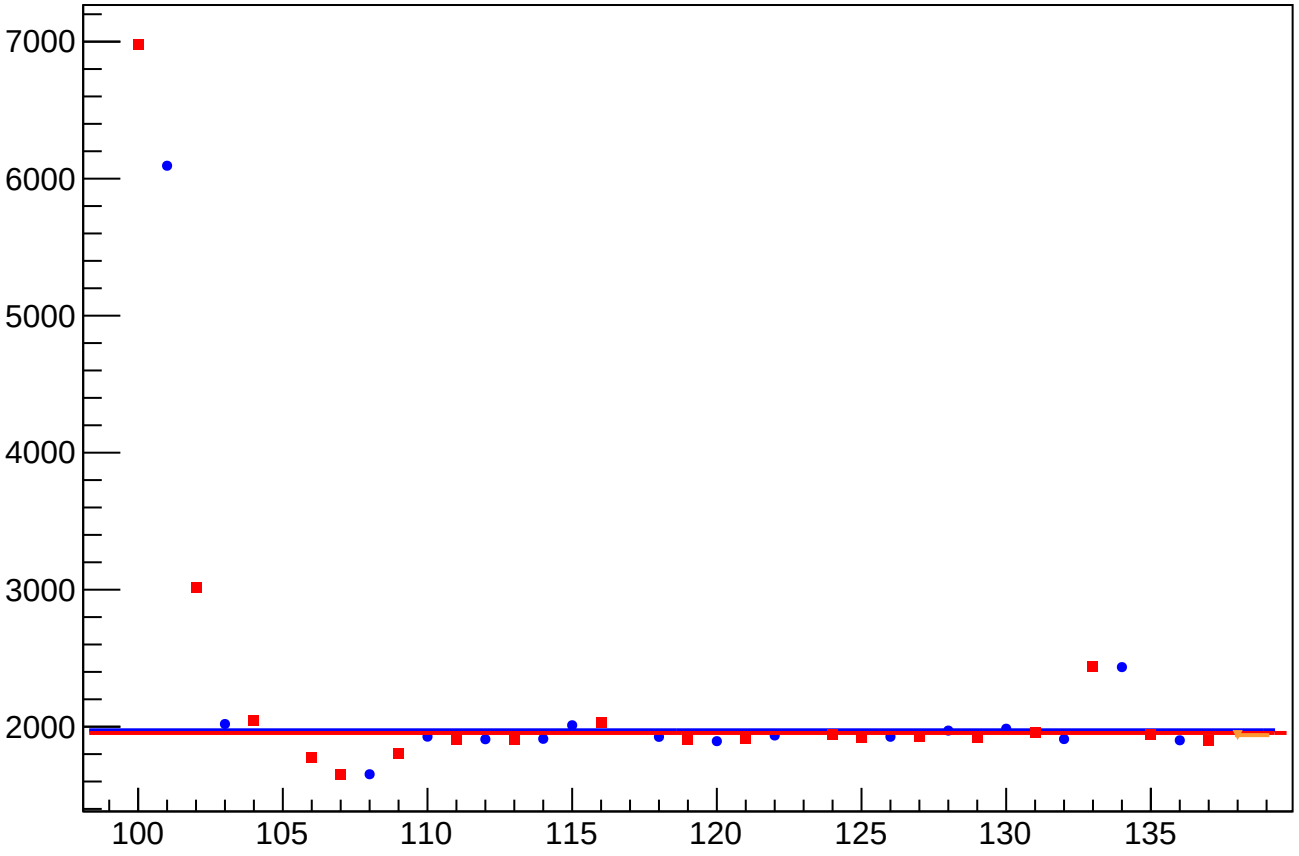
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3143.470+/-710.433 χ^2/NDF: 12.4/16

All: 384.931+/-510.774 χ^2/NDF: 60.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1973.748+/-0.531 χ^2/NDF: 665124.2/15

Left Out: 1938.545+/-1.552 χ^2/NDF:0.0/0

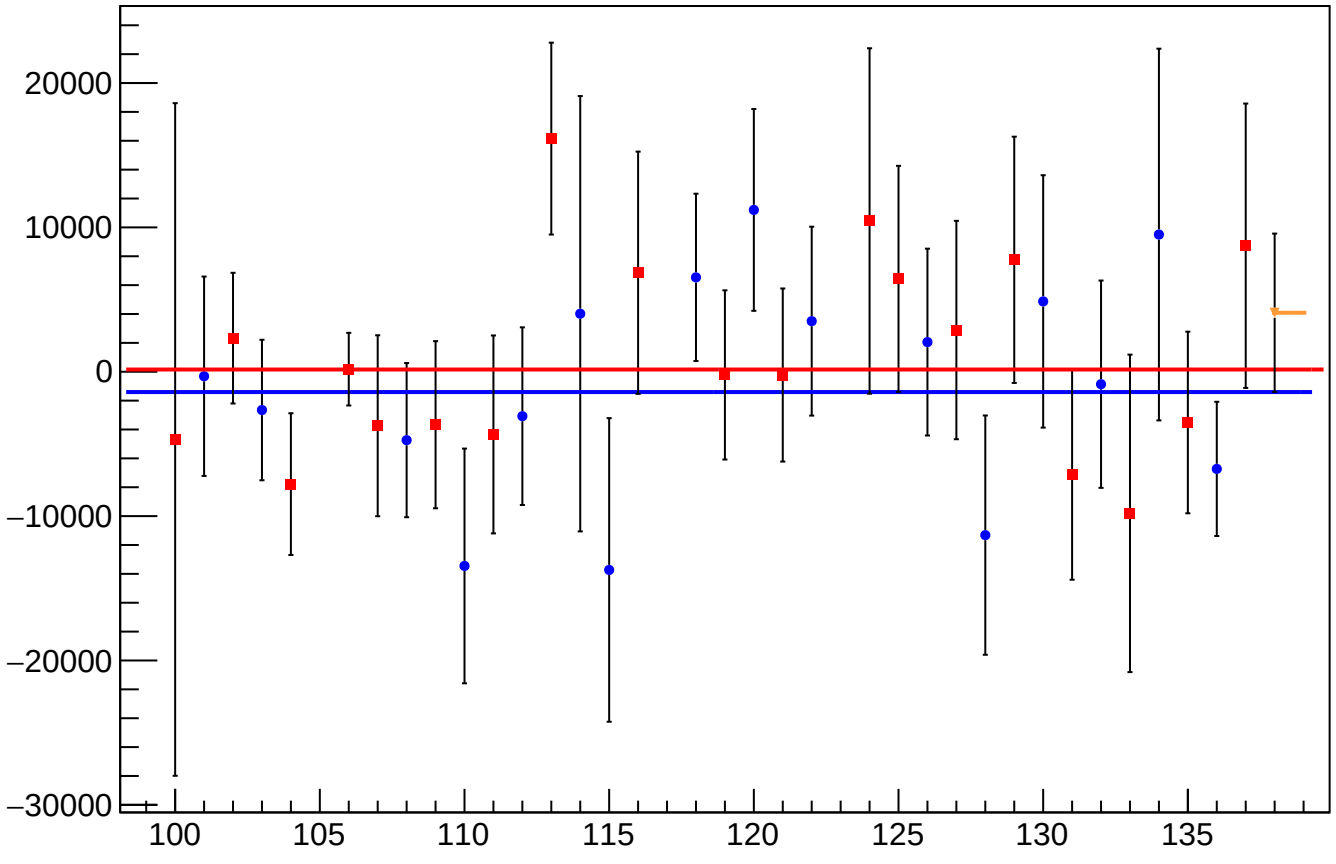
Right Out: 1954.339+/-0.519 χ^2/NDF: 246210.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1970.059+/-0.502 χ^2/NDF: 665584.9/16

All: 1962.458+/-0.361 χ^2/NDF: 912269.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1407.363+/-1689.986 χ^2/NDF: 14.2/15

Left Out: 4087.911+/-5482.171 χ^2/NDF:0.0/0

Right Out: 155.272+/-1363.639 χ^2/NDF: 15.8/18

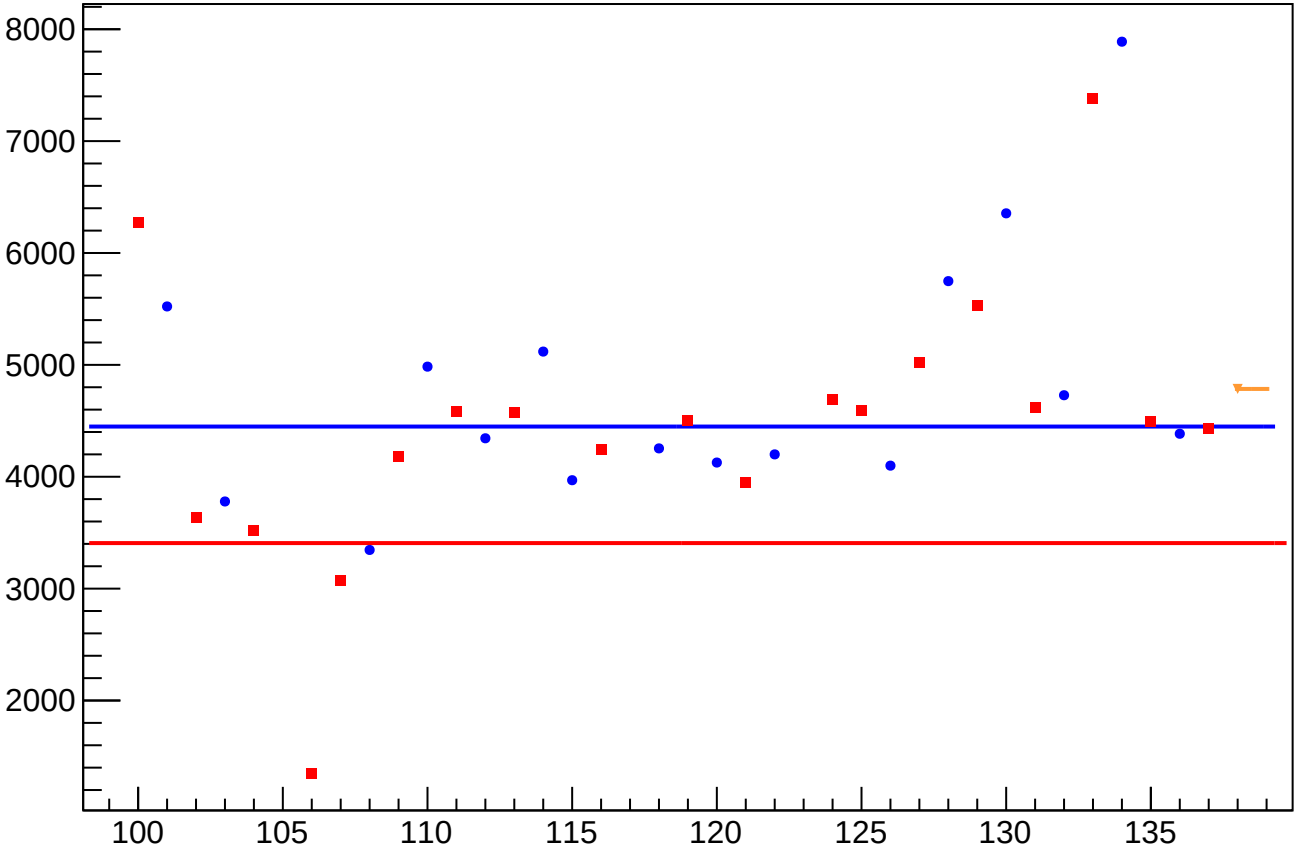
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -930.466+/-1614.991 χ^2/NDF: 15.1/16

All: -296.625+/-1041.903 χ^2/NDF: 31.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 4448.704+/-1.195 χ^2/NDF: 494610.6/15

Left Out: 4784.968+/-3.876 χ^2/NDF:0.0/0

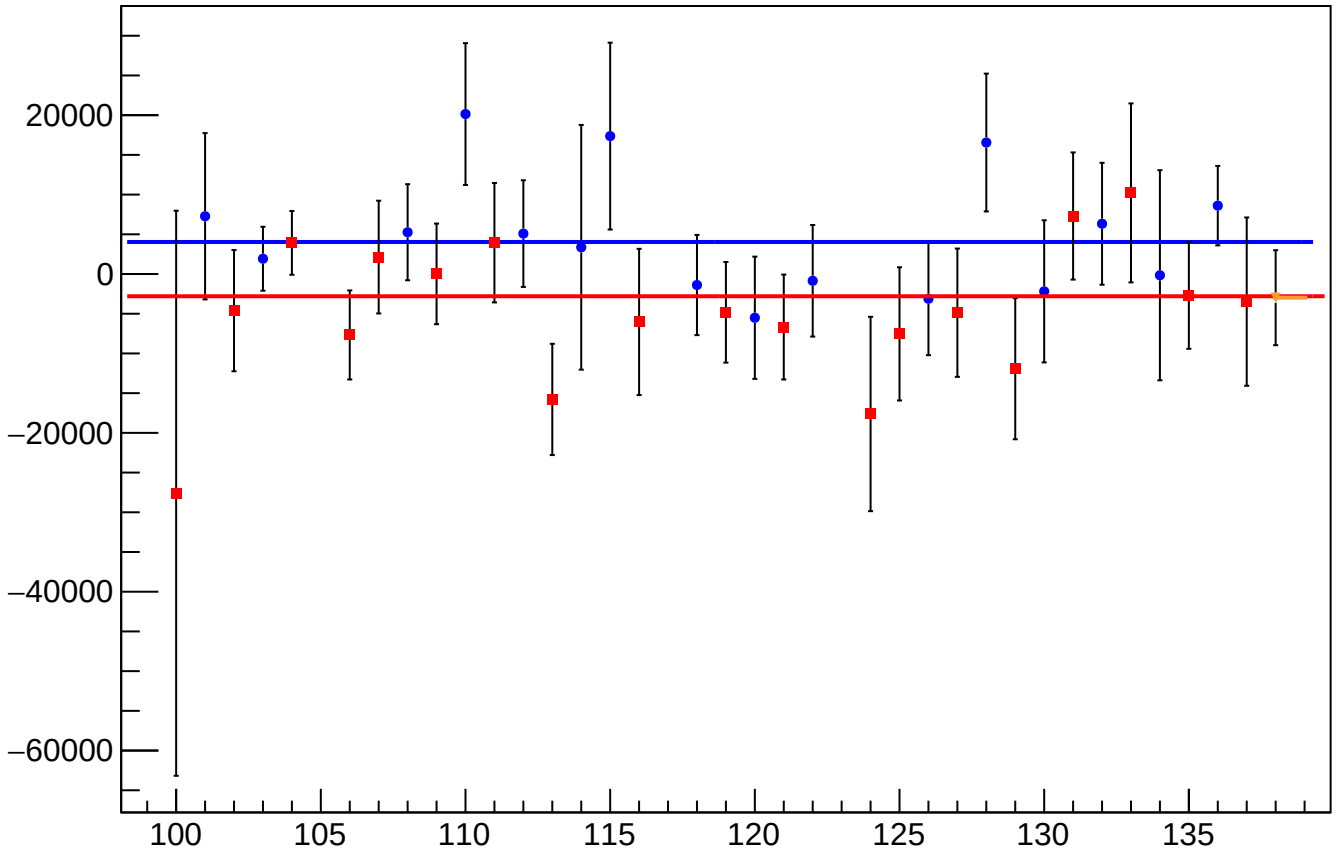
Right Out: 3407.120+/-0.964 χ^2/NDF: 2326064.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4477.886+/-1.142 χ^2/NDF: 501482.2/16

All: 3852.785+/-0.737 χ^2/NDF: 3340802.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4034.572+/-1782.030 χ^2/NDF: 12.3/15

Left Out: -2983.470+/-5979.901 χ^2/NDF:0.0/0

Right Out: -2800.547+/-1671.877 χ^2/NDF: 15.4/18

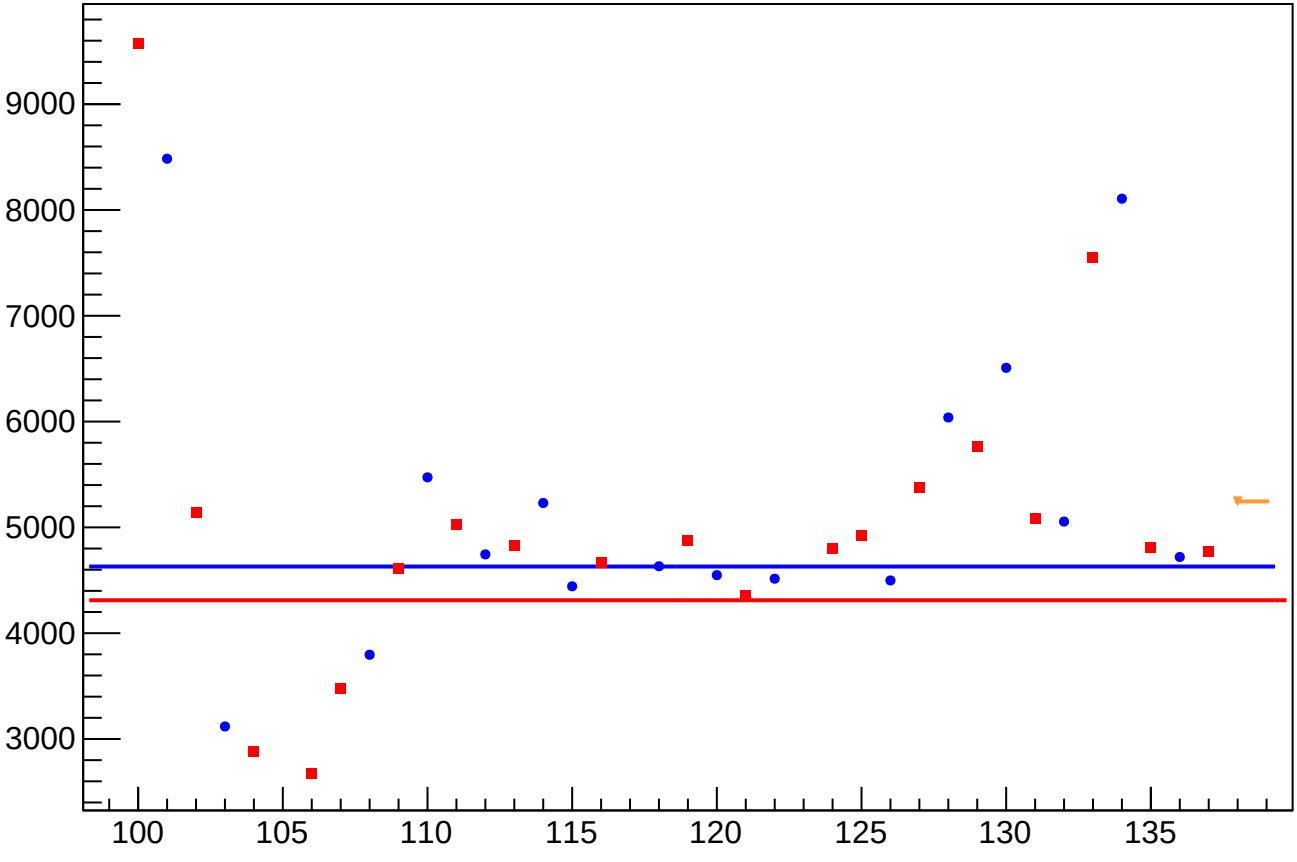
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3462.162+/-1707.811 χ^2/NDF: 13.6/16

All: 264.227+/-1194.697 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_rms vs Slug



Right In: 4629.967+/-1.260 χ^2/NDF: 900246.3/15

Left Out: 5245.508+/-4.228 χ^2/NDF:0.0/0

Right Out: 4311.218+/-1.172 χ^2/NDF: 904737.2/18

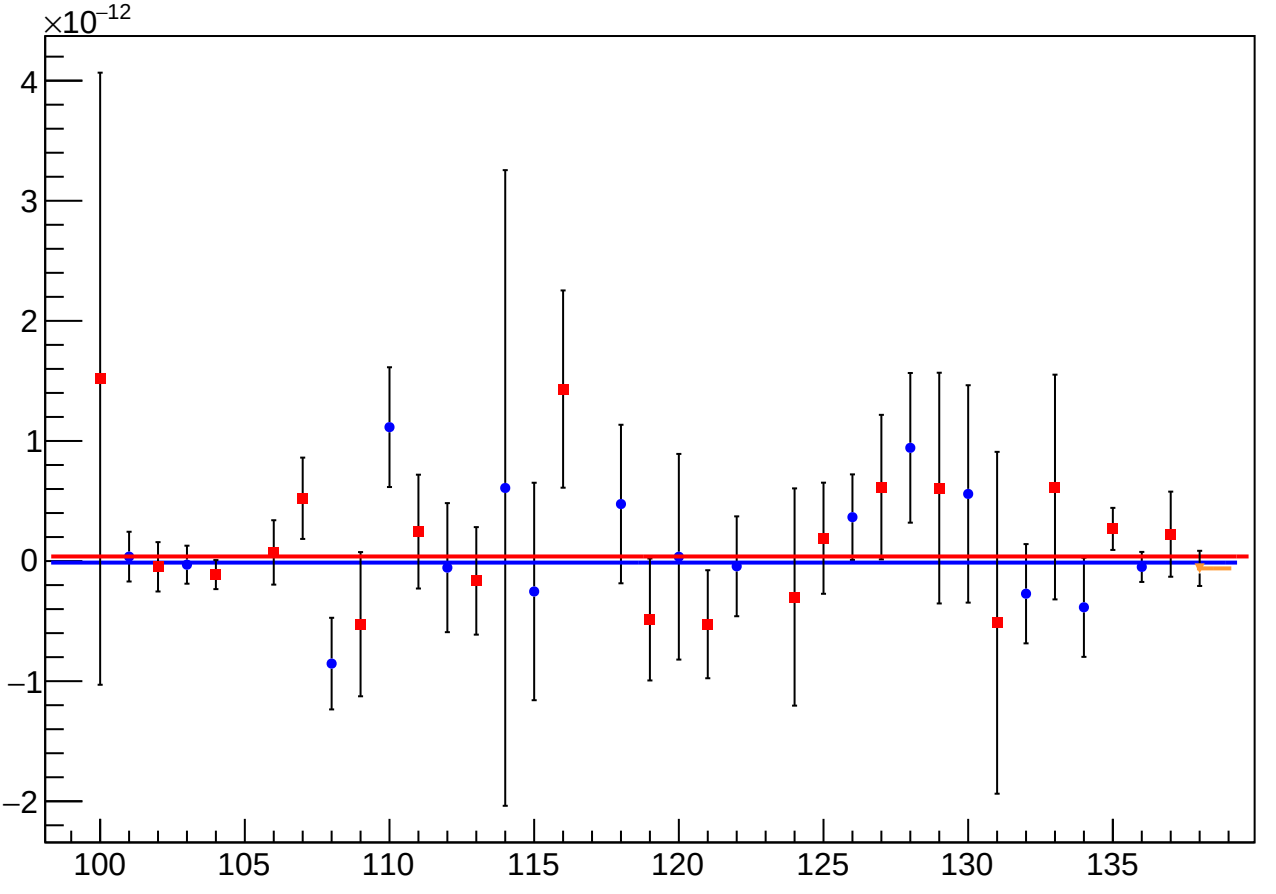
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4680.172+/-1.208 χ^2/NDF: 919709.1/16

All: 4490.171+/-0.841 χ^2/NDF: 1872516.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 15.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

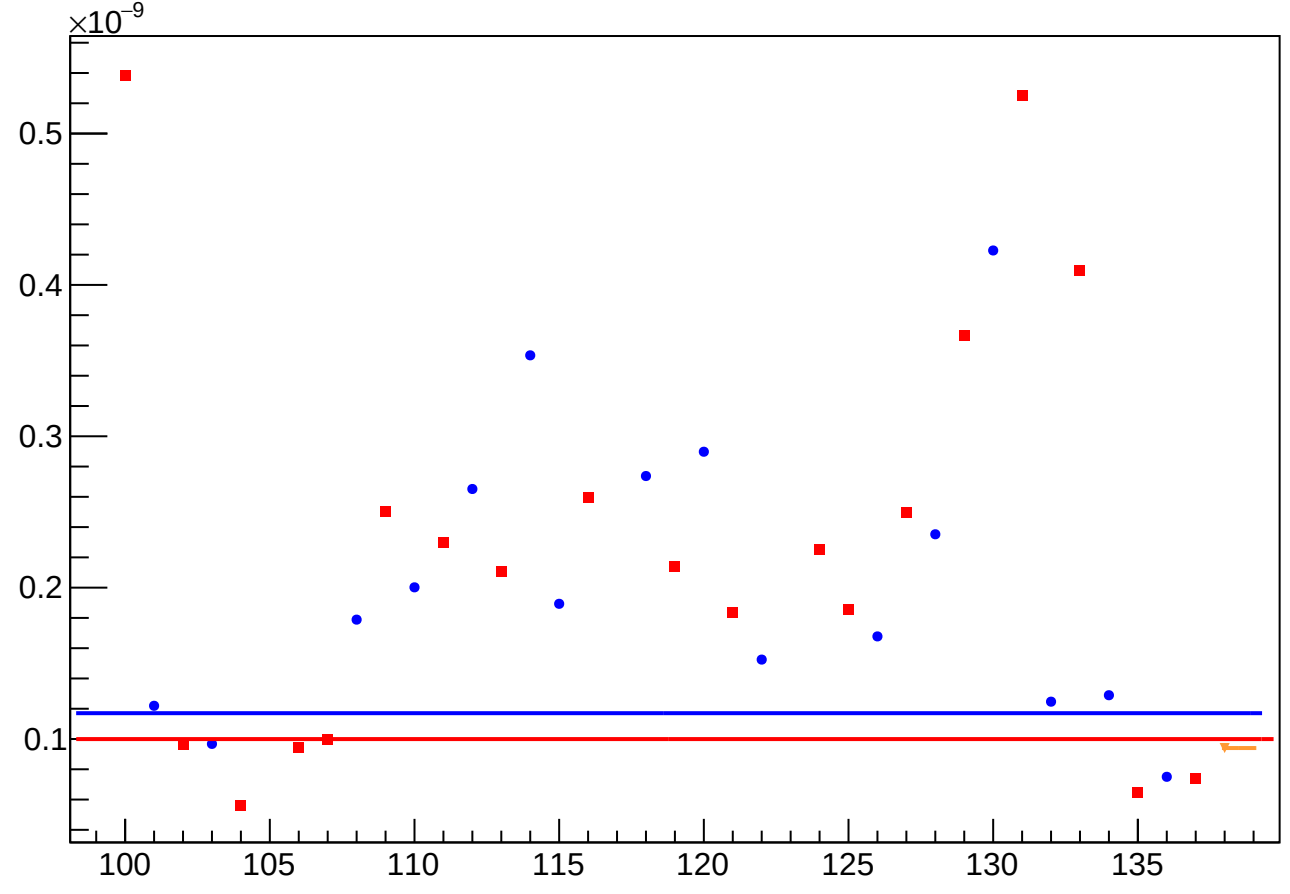
Right Out: 0.000+/-0.000 χ^2/NDF: 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.0/16

All: 0.000+/-0.000 χ^2/NDF: 31.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1100462.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1844111.3/18

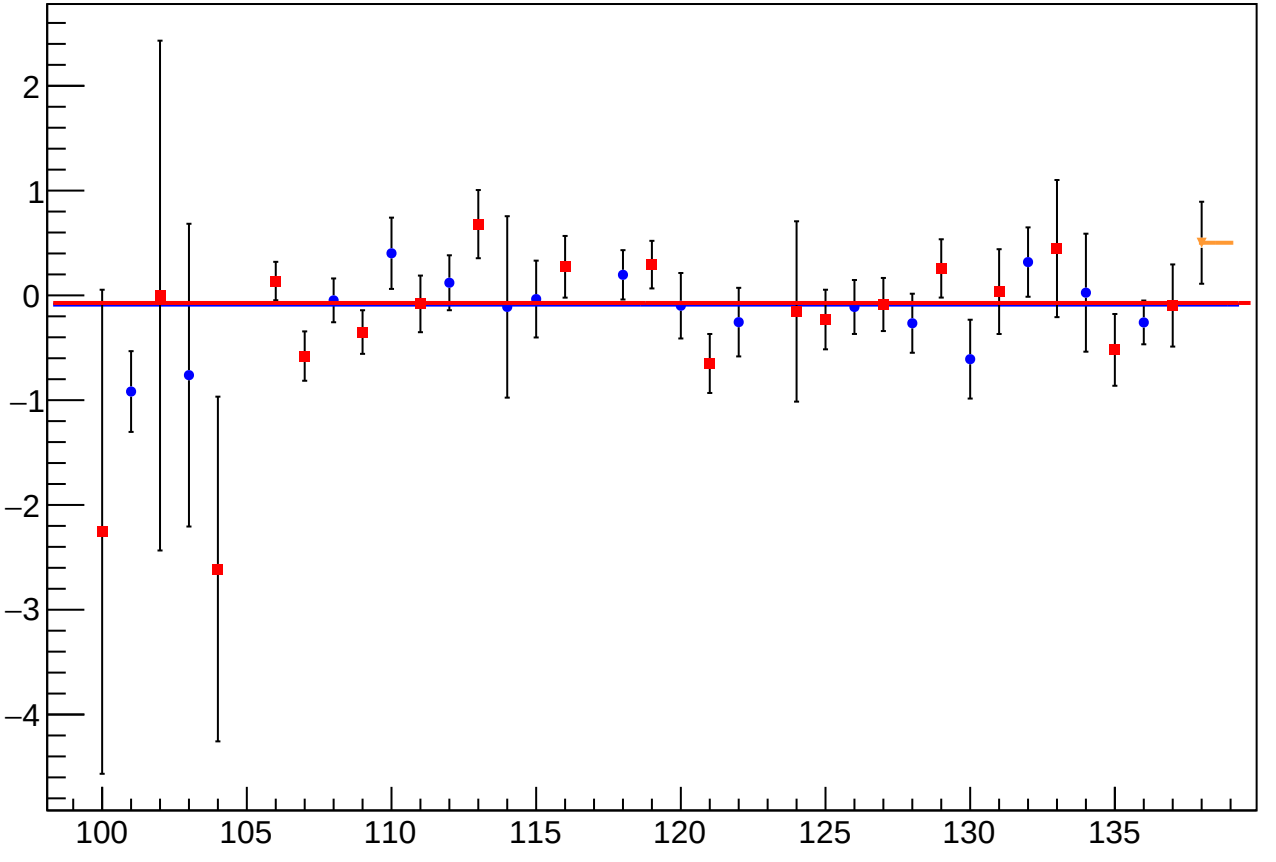
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1139557.0/16

All: 0.000+/-0.000 χ^2/NDF: 3014515.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.088+/-0.077 χ^2/NDF: 13.9/15

Left Out: 0.502+/-0.391 χ^2/NDF:0.0/0

Right Out: -0.072+/-0.070 χ^2/NDF: 28.7/18

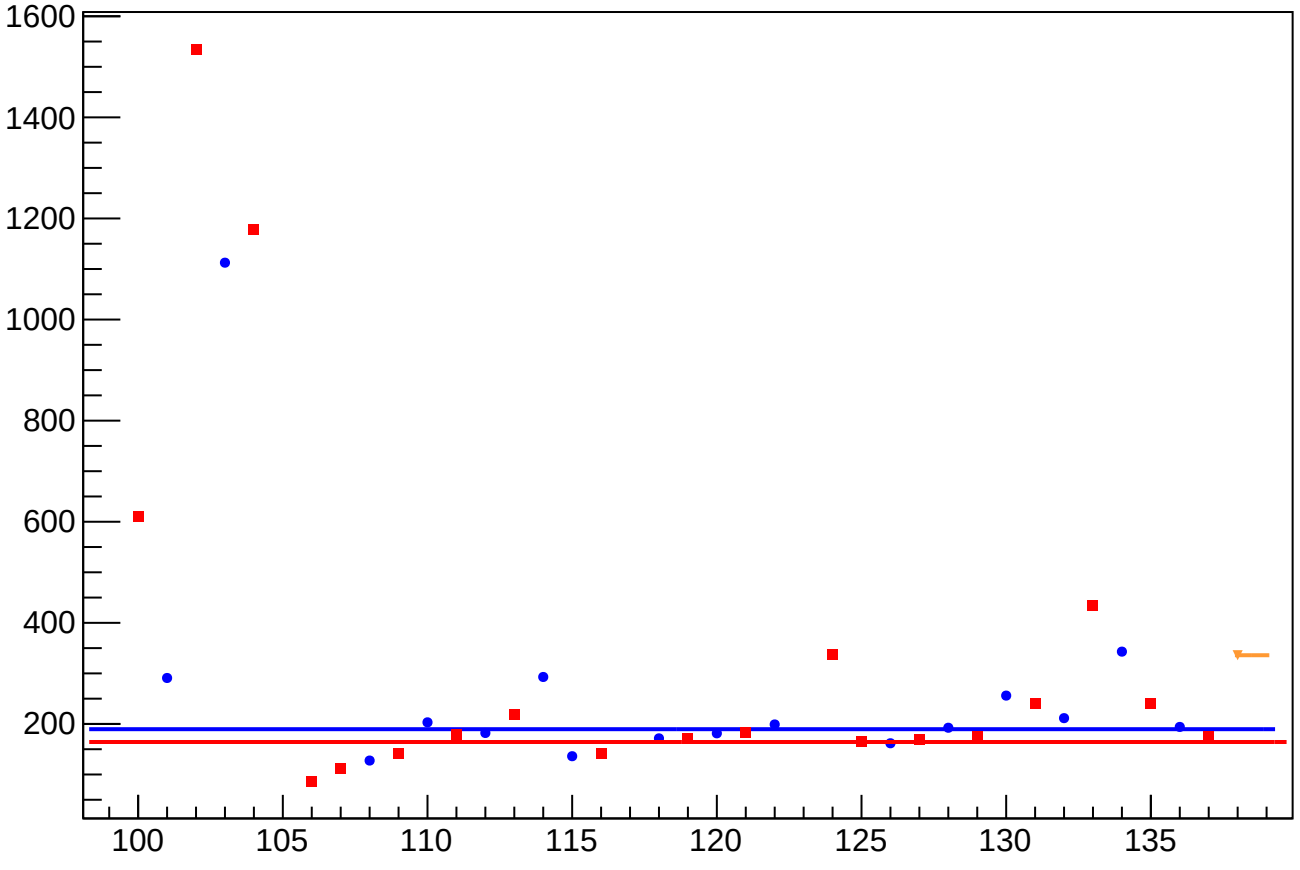
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.066+/-0.075 χ^2/NDF: 16.1/16

All: -0.069+/-0.051 χ^2/NDF: 44.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 189.628+/-0.054 χ^2/NDF: 1465476.9/15

Left Out: 335.930+/-0.277 χ^2/NDF:0.0/0

Right Out: 164.287+/-0.050 χ^2/NDF: 2643490.2/18

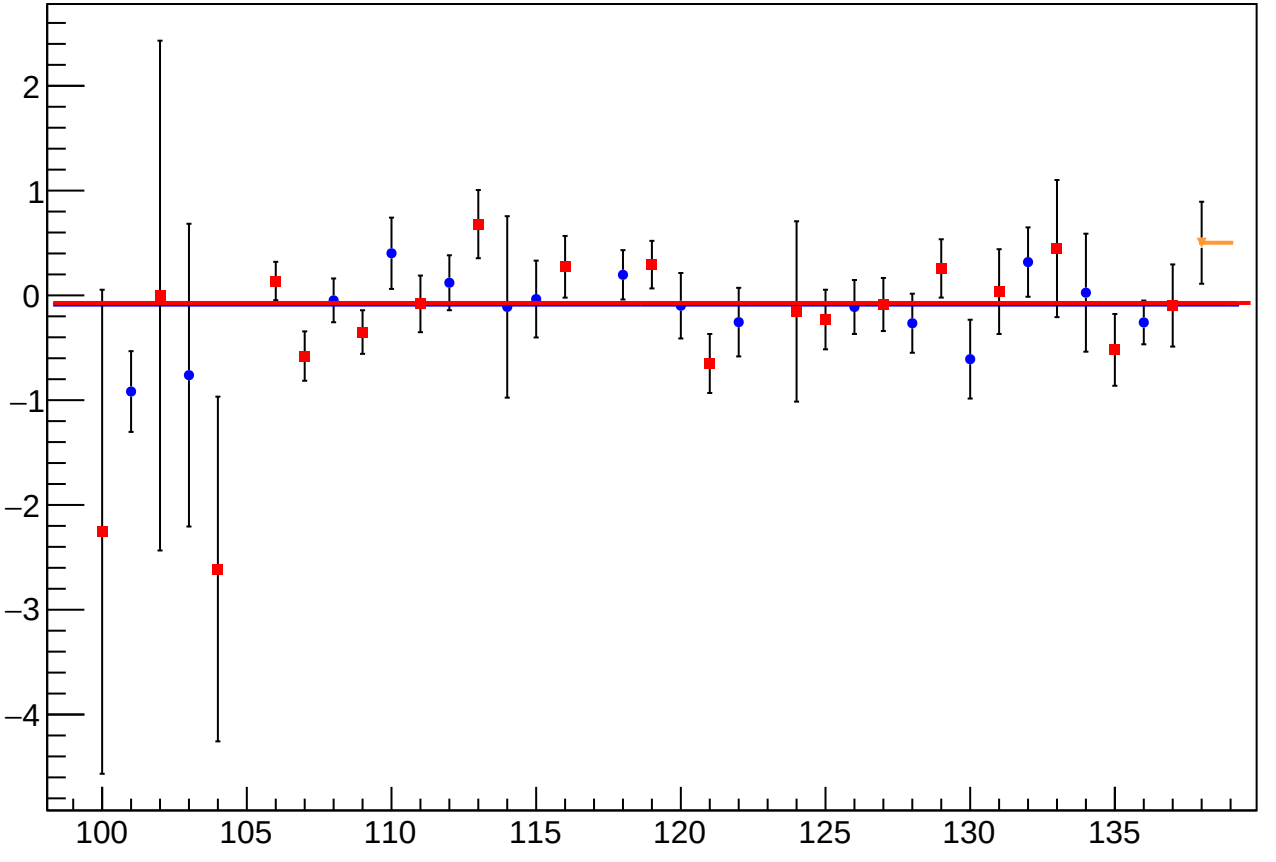
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 195.050+/-0.053 χ^2/NDF: 1734636.5/16

All: 178.544+/-0.036 χ^2/NDF: 4557071.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.088+/-0.077 χ^2/NDF: 13.9/15

Left Out: 0.502+/-0.391 χ^2/NDF:0.0/0

Right Out: -0.072+/-0.070 χ^2/NDF: 28.7/18

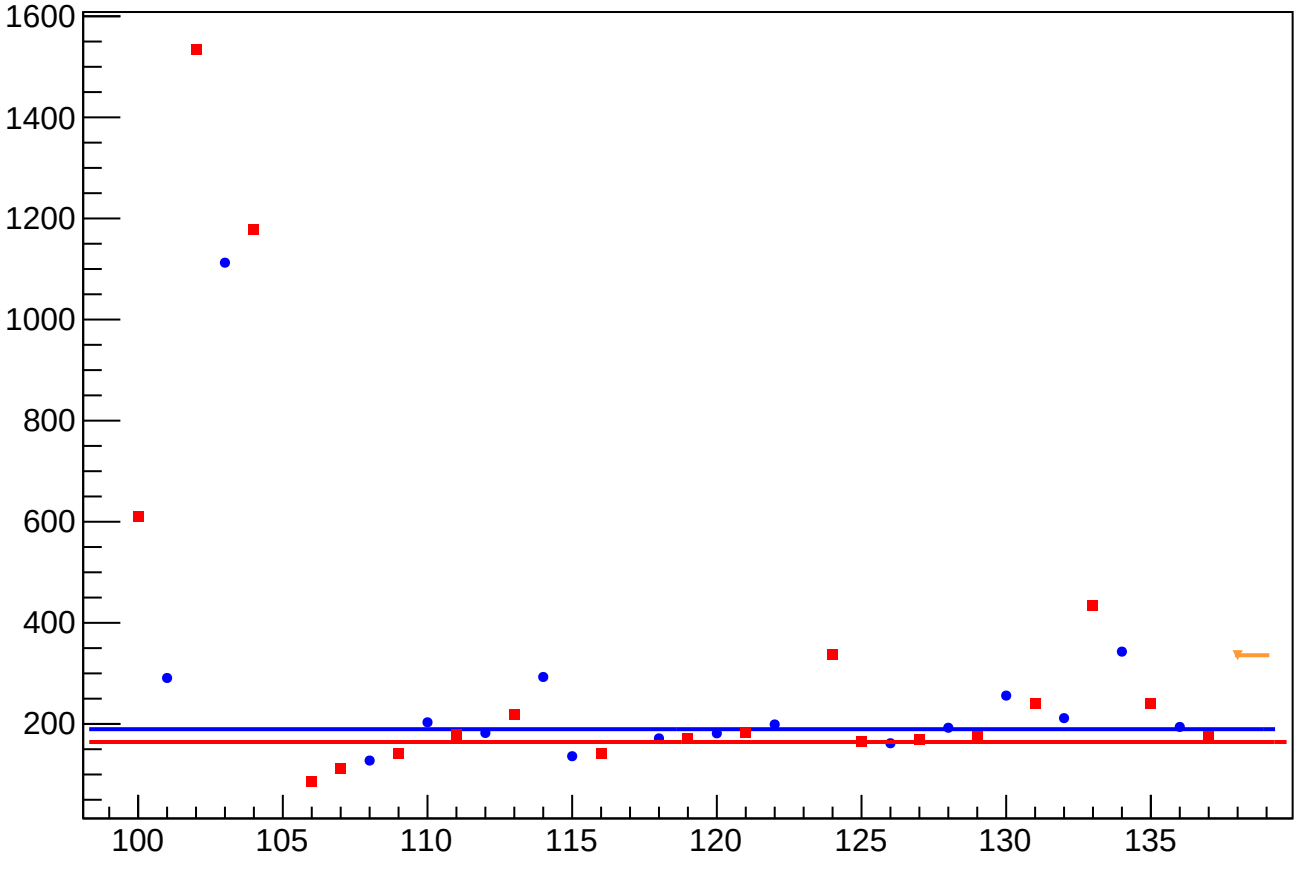
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.066+/-0.075 χ^2/NDF: 16.1/16

All: -0.069+/-0.051 χ^2/NDF: 44.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 189.628+/-0.054 χ^2/NDF: 1465476.9/15

Left Out: 335.930+/-0.277 χ^2/NDF:0.0/0

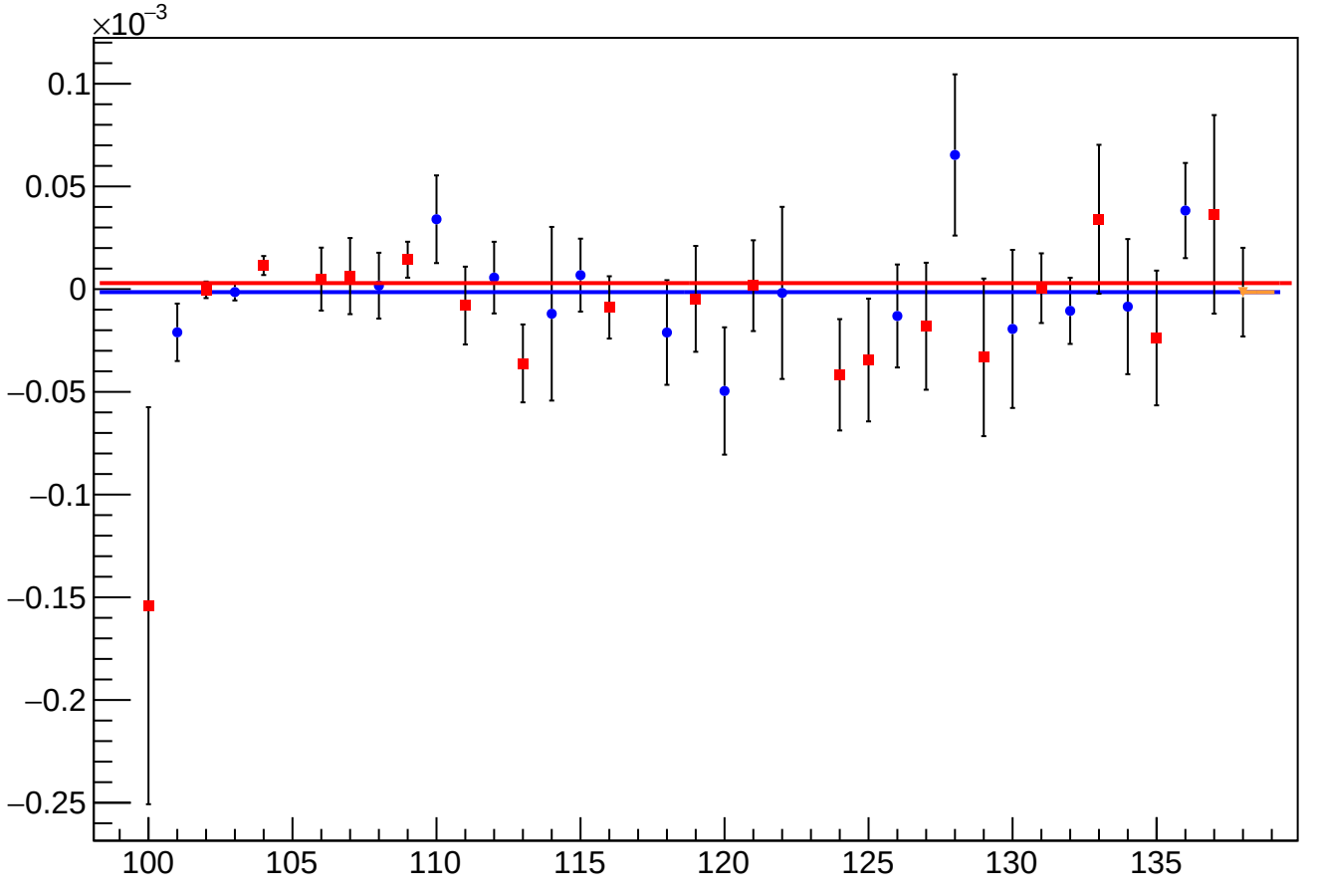
Right Out: 164.287+/-0.050 χ^2/NDF: 2643490.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.050+/-0.053 χ^2/NDF: 1734636.5/16

All: 178.544+/-0.036 χ^2/NDF: 4557071.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

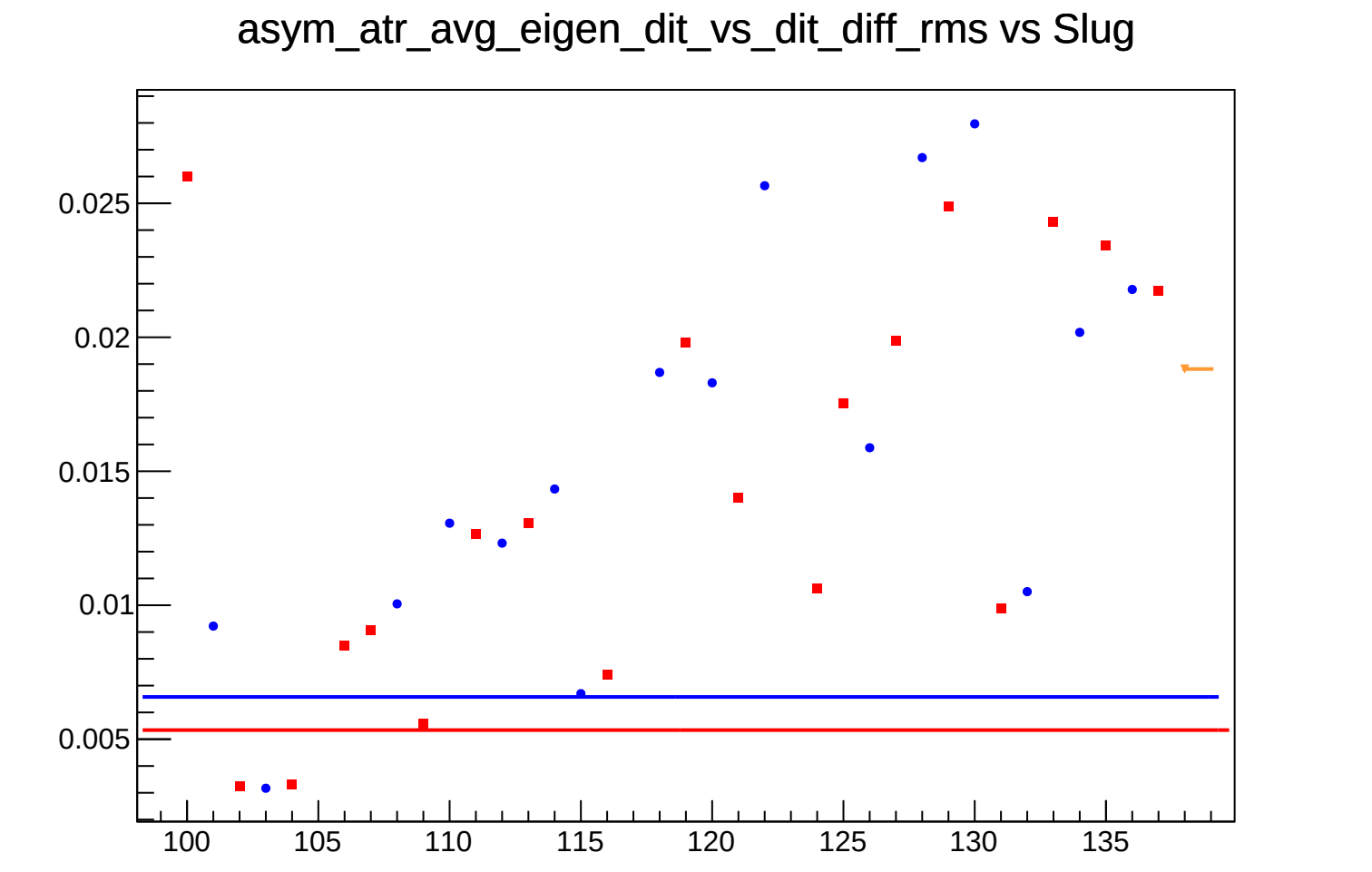
Right Out: 0.000+/-0.000 χ^2/NDF: 21.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

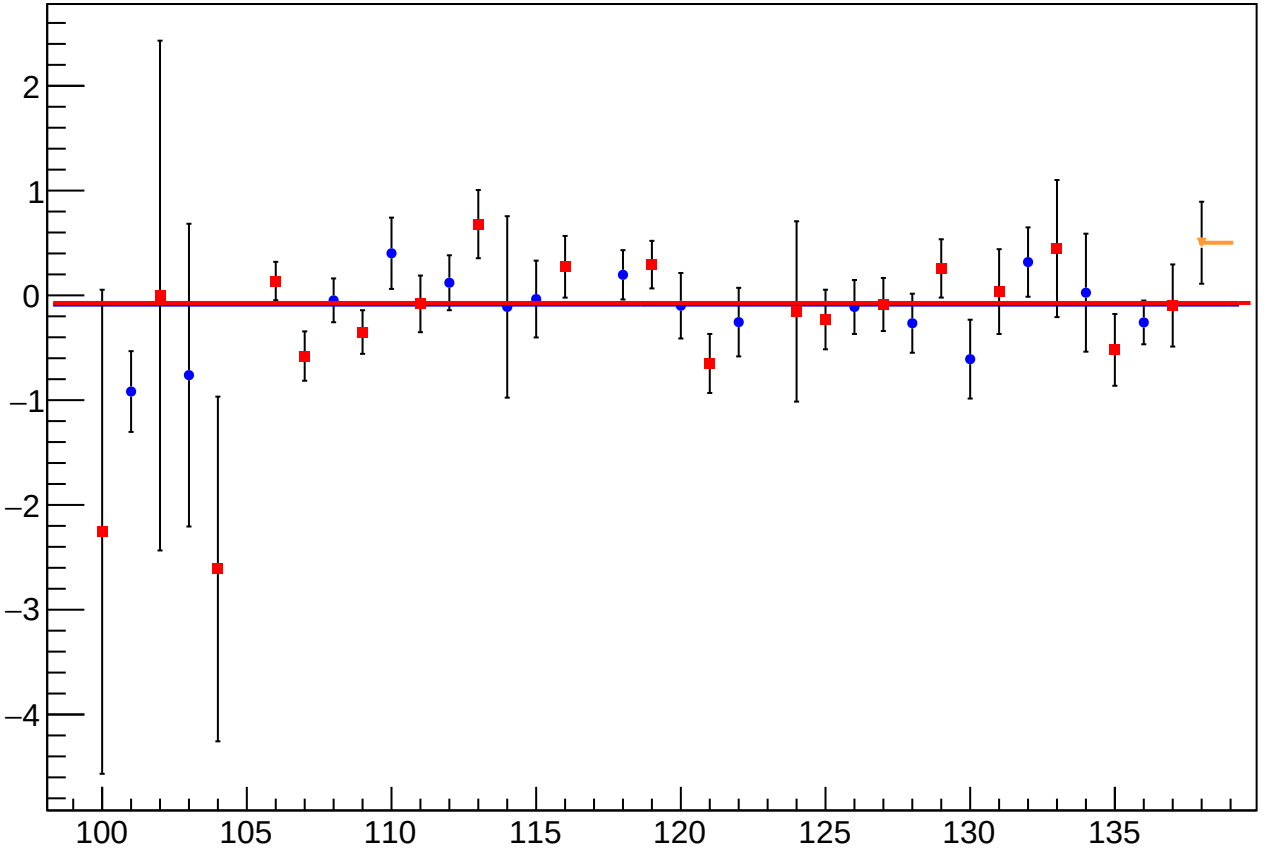
\+ sign -0.000+/-0.000 χ^2/NDF: 14.8/16

All: 0.000+/-0.000 χ^2/NDF: 37.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
100
105
110
115
120
125
130
135
Right In: 0.007+/-0.000 χ²/NDF: 5928012.0/15
Left Out: 0.019+/-0.000 χ²/NDF:0.0/0
Right Out: 0.005+/-0.000 χ²/NDF: 5685915.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.007+/-0.000 χ²/NDF: 6556423.2/16
All: 0.006+/-0.000 χ²/NDF: 12509159.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.088+/-0.077 χ^2/NDF: 13.9/15

Left Out: 0.502+/-0.391 χ^2/NDF:0.0/0

Right Out: -0.072+/-0.070 χ^2/NDF: 28.7/18

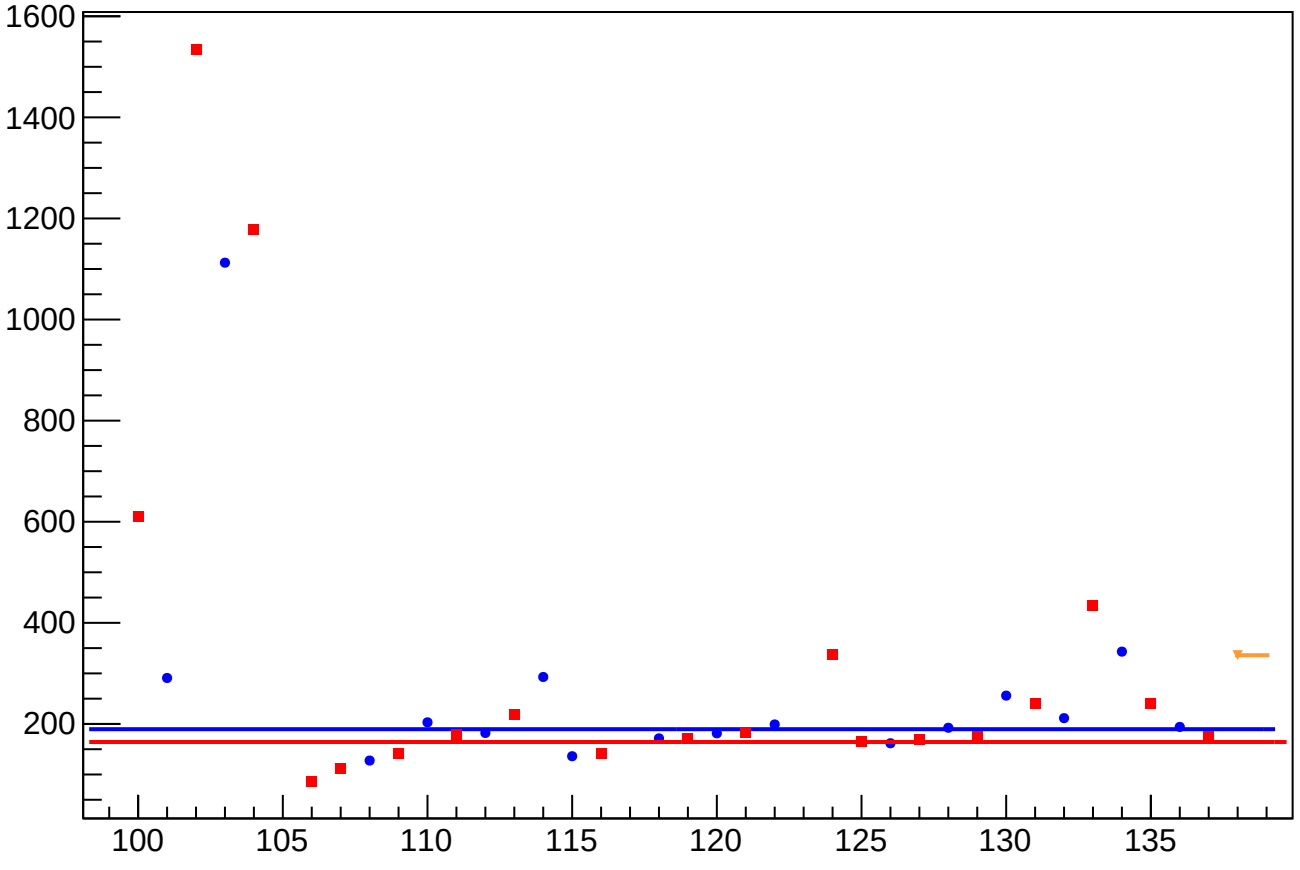
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.066+/-0.075 χ^2/NDF: 16.1/16

All: -0.069+/-0.051 χ^2/NDF: 44.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 189.628+/-0.054 χ^2/NDF: 1465464.1/15

Left Out: 335.935+/-0.277 χ^2/NDF:0.0/0

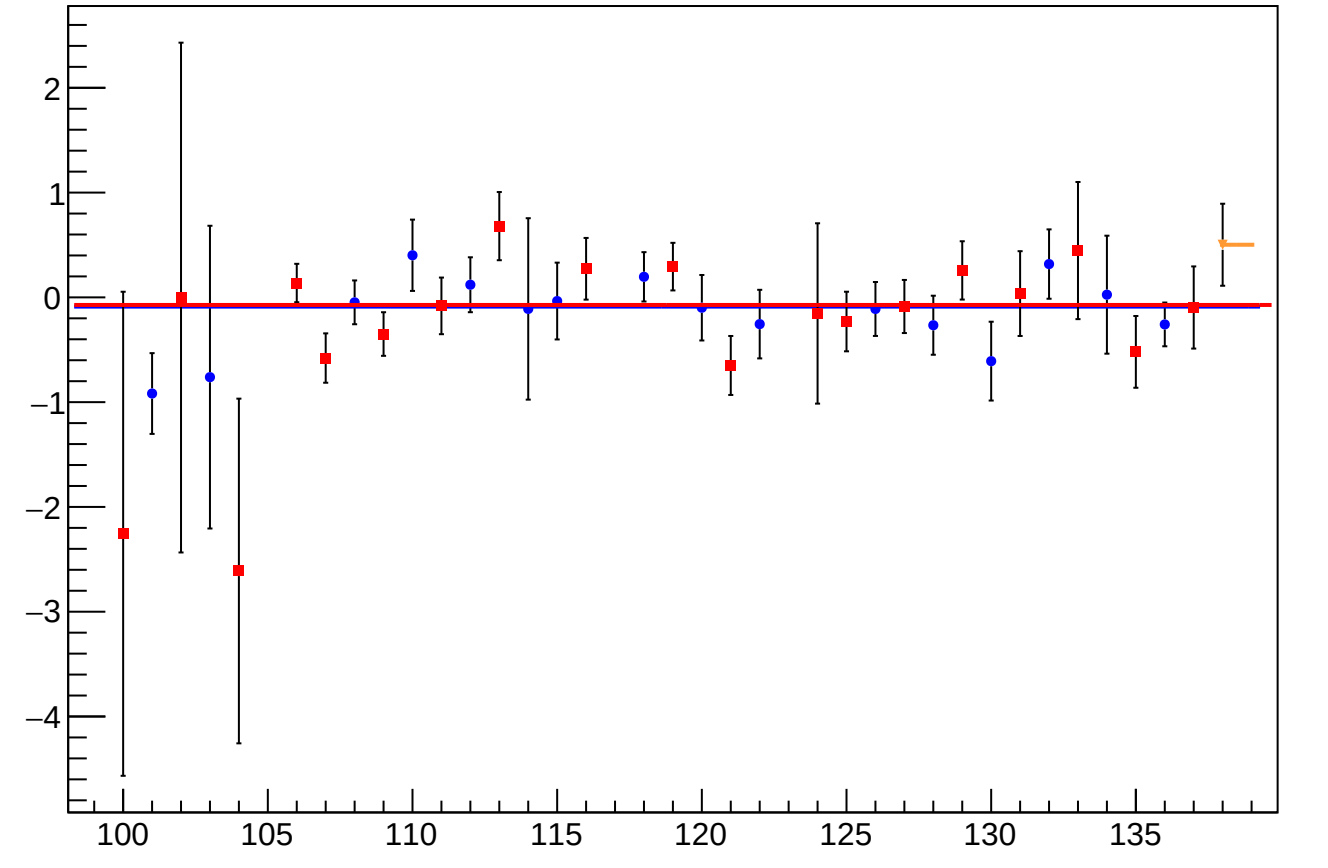
Right Out: 164.286+/-0.050 χ^2/NDF: 2643465.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.049+/-0.053 χ^2/NDF: 1734639.1/16

All: 178.543+/-0.036 χ^2/NDF: 4557051.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.088+/-0.077 χ^2/NDF: 13.9/15

Left Out: 0.502+/-0.391 χ^2/NDF:0.0/0

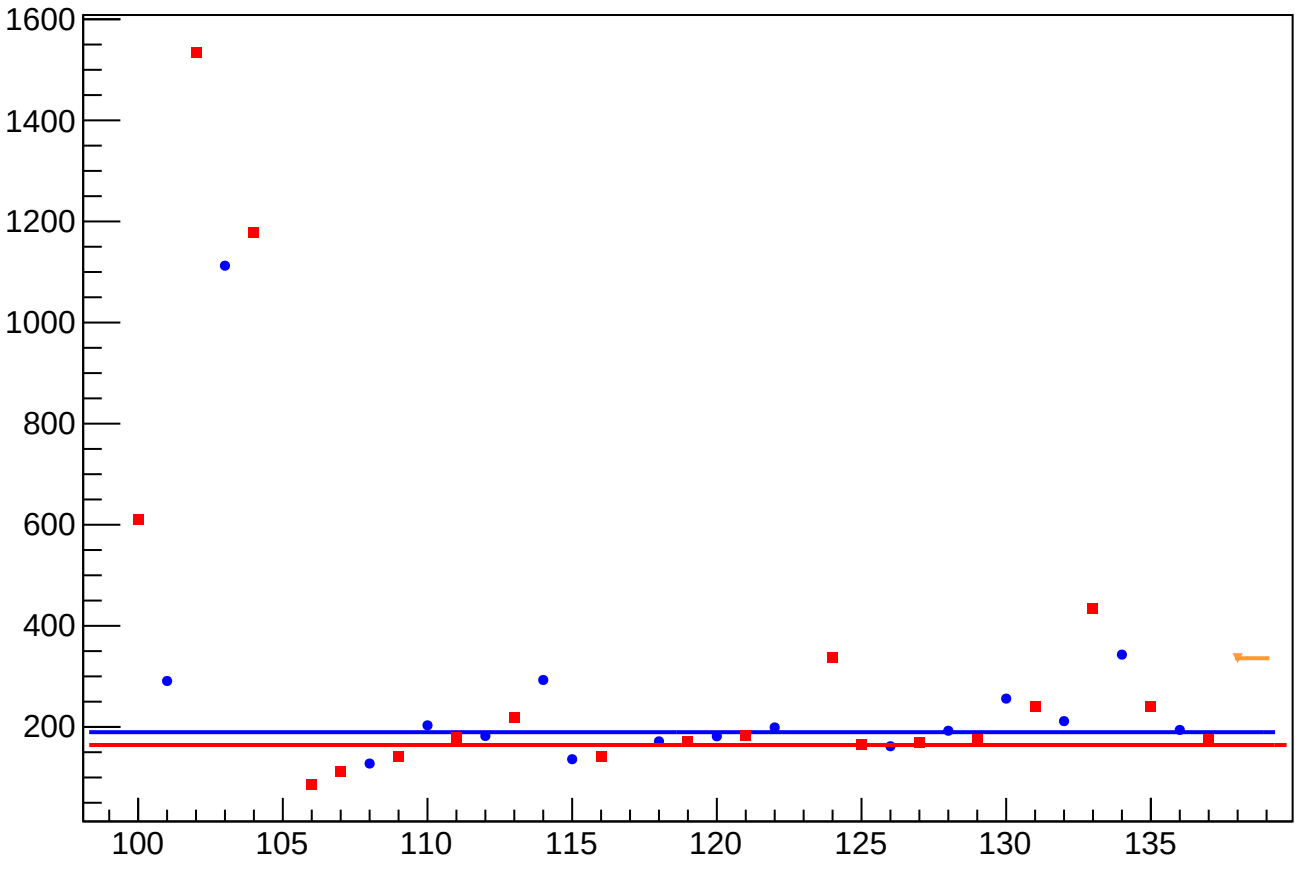
Right Out: -0.072+/-0.070 χ^2/NDF: 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.066+/-0.075 χ^2/NDF: 16.1/16

All: -0.069+/-0.051 χ^2/NDF: 44.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 189.628+/-0.054 χ^2/NDF: 1465464.1/15

Left Out: 335.935+/-0.277 χ^2/NDF:0.0/0

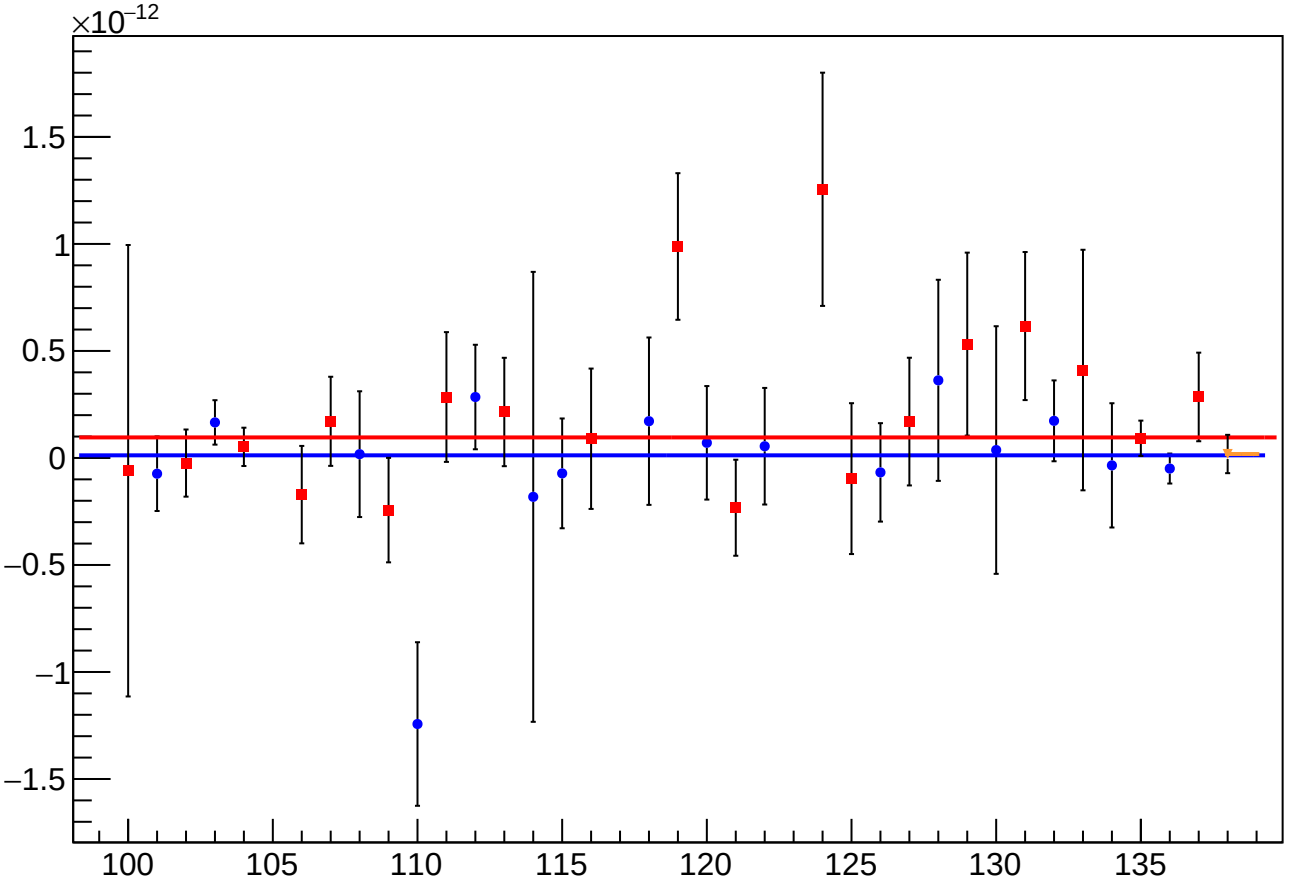
Right Out: 164.286+/-0.050 χ^2/NDF: 2643465.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.049+/-0.053 χ^2/NDF: 1734639.1/16

All: 178.543+/-0.036 χ^2/NDF: 4557051.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 23.2/18

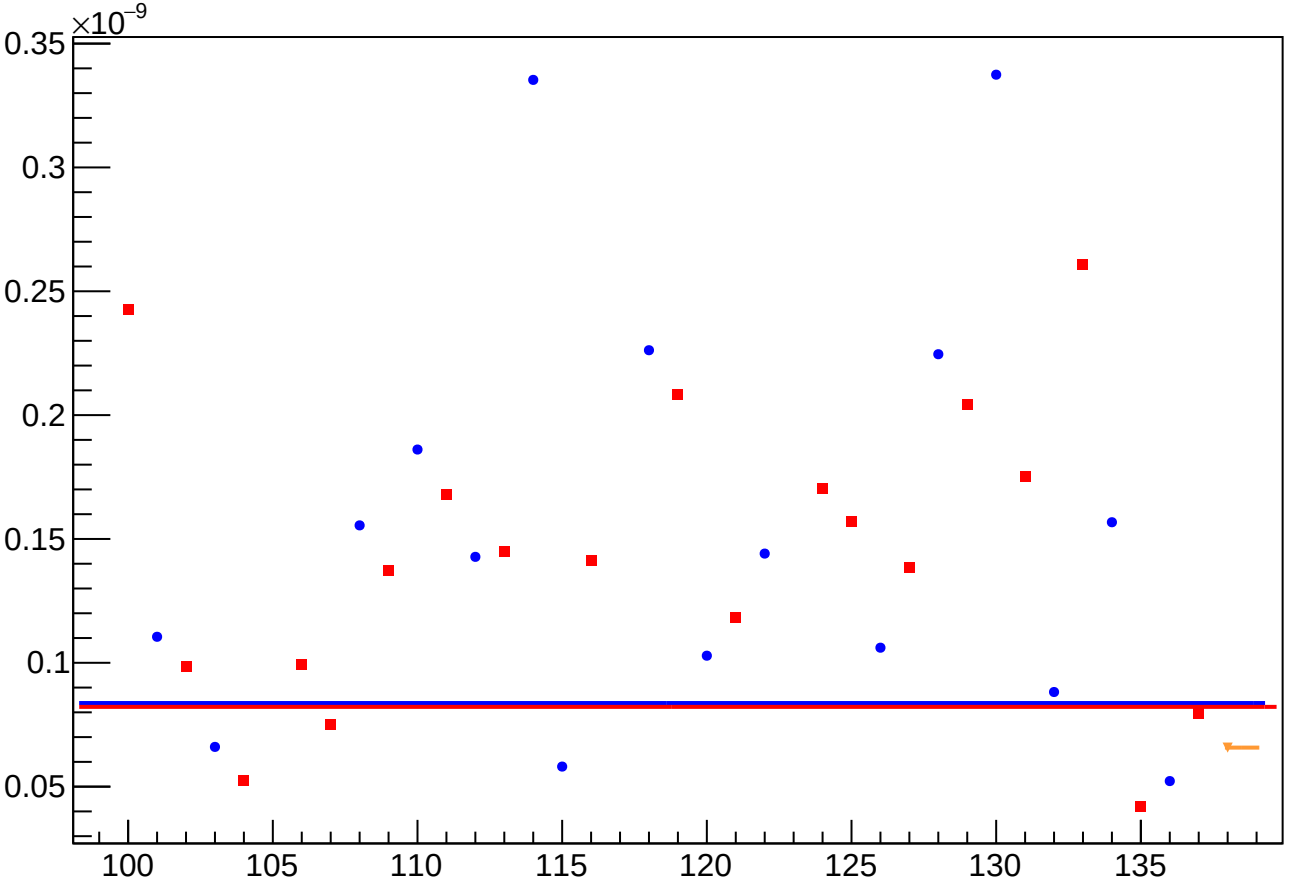
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.1/16

All: 0.000+/-0.000 χ^2/NDF: 42.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 2109060.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2271900.5/18

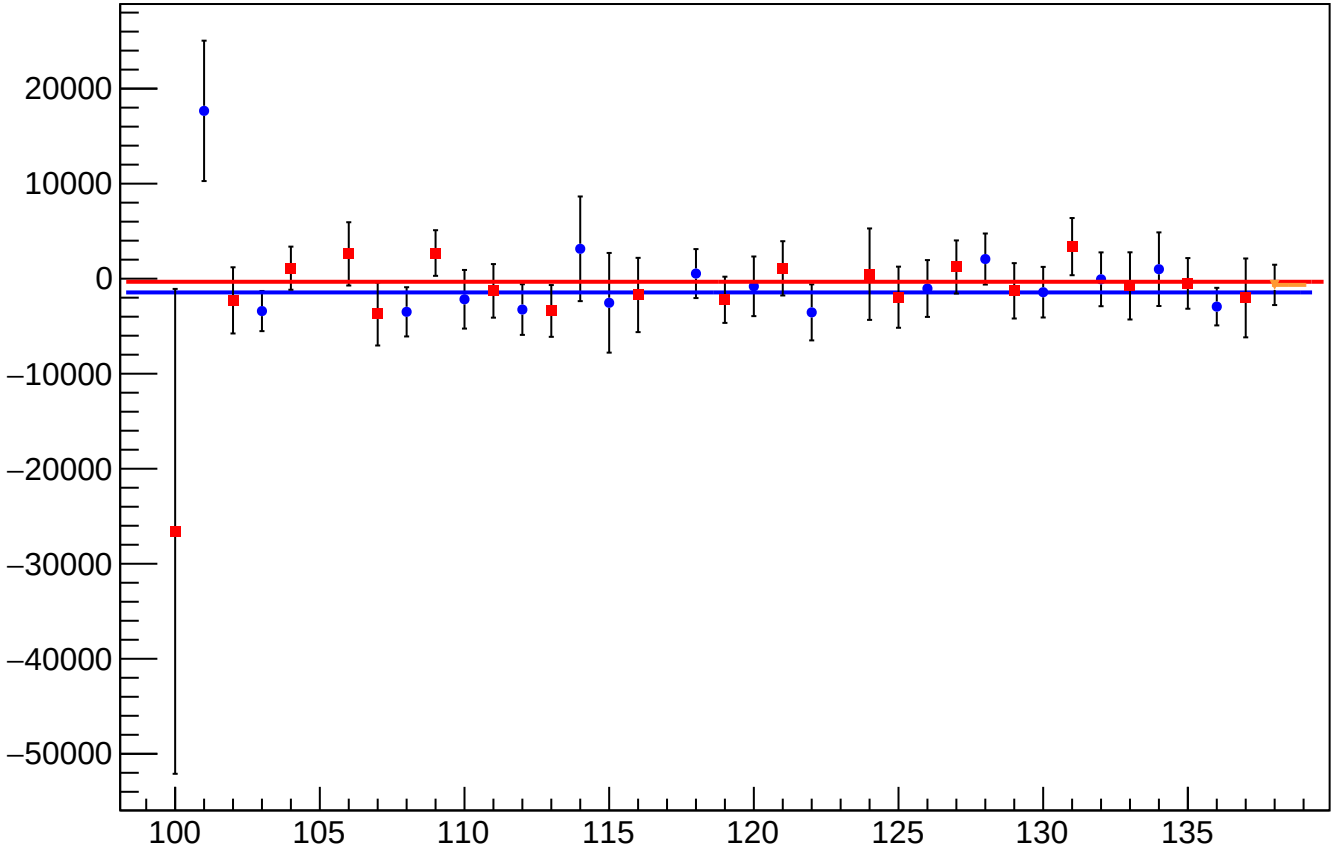
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2173198.3/16

All: 0.000+/-0.000 χ^2/NDF: 4447635.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1446.547+/-723.140 χ^2/NDF: 13.5/15

Left Out: -654.059+/-2121.638 χ^2/NDF:0.0/0

Right Out: -325.908+/-702.648 χ^2/NDF: 9.9/18

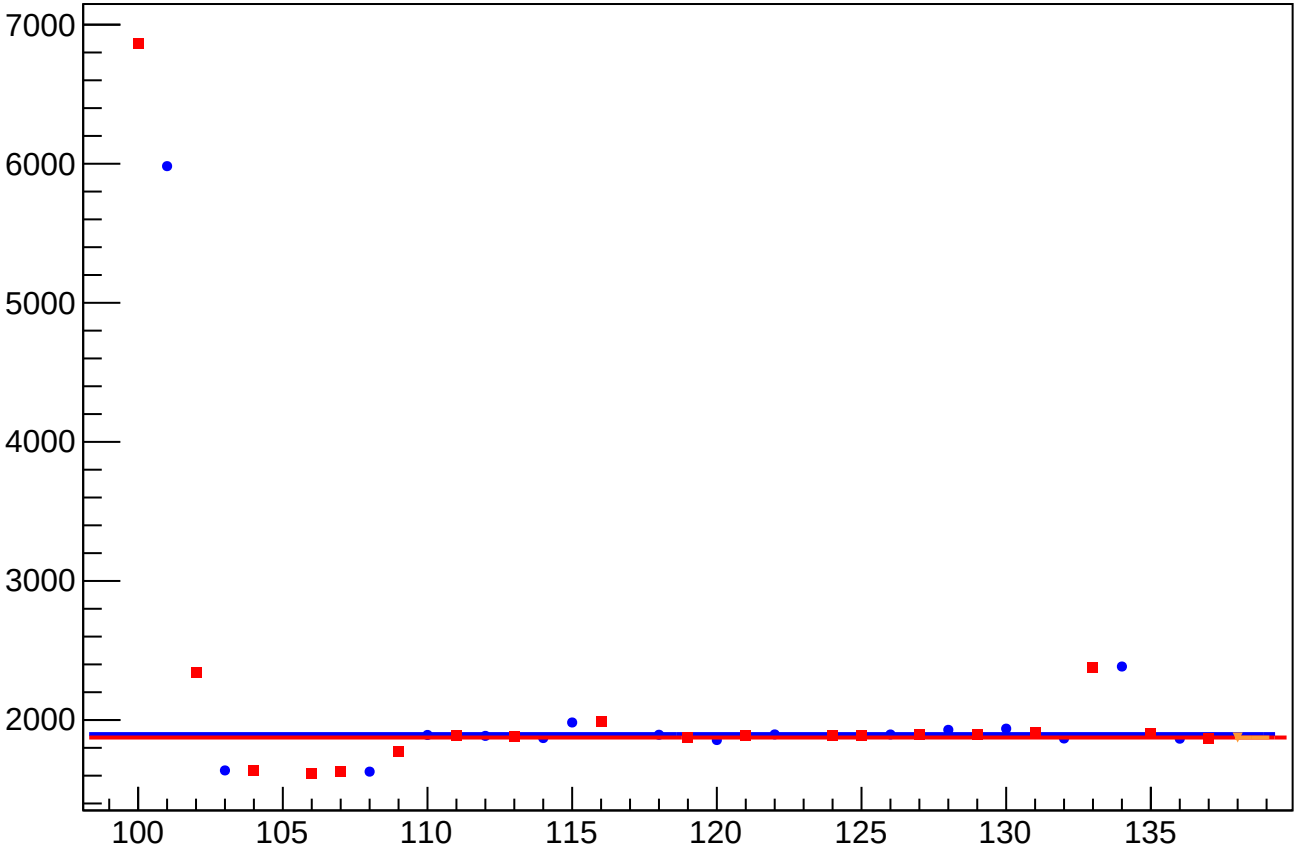
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1364.064+/-684.474 χ^2/NDF: 13.6/16

All: -858.586+/-490.295 χ^2/NDF: 24.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1898.826+/-0.511 χ^2/NDF: 697514.2/15

Left Out: 1874.250+/-1.500 χ^2/NDF:0.0/0

Right Out: 1874.251+/-0.495 χ^2/NDF: 207657.7/18

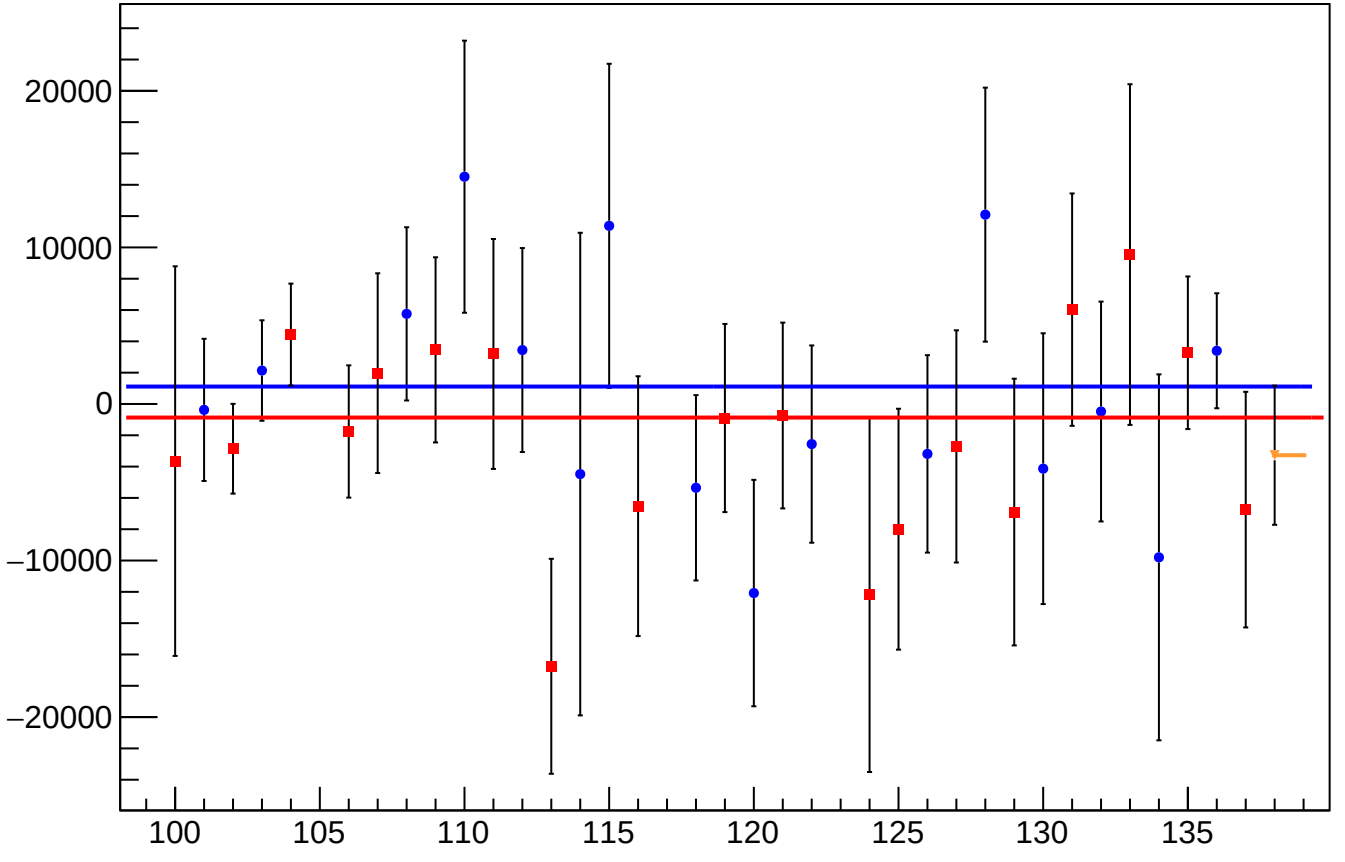
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1896.268+/-0.484 χ^2/NDF: 697754.7/16

All: 1885.511+/-0.346 χ^2/NDF: 906423.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 1112.704+/-1479.265 χ^2/NDF: 13.4/15

Left Out: -3273.560+/-4444.189 χ^2/NDF:0.0/0

Right Out: -866.976+/-1307.223 χ^2/NDF: 15.6/18

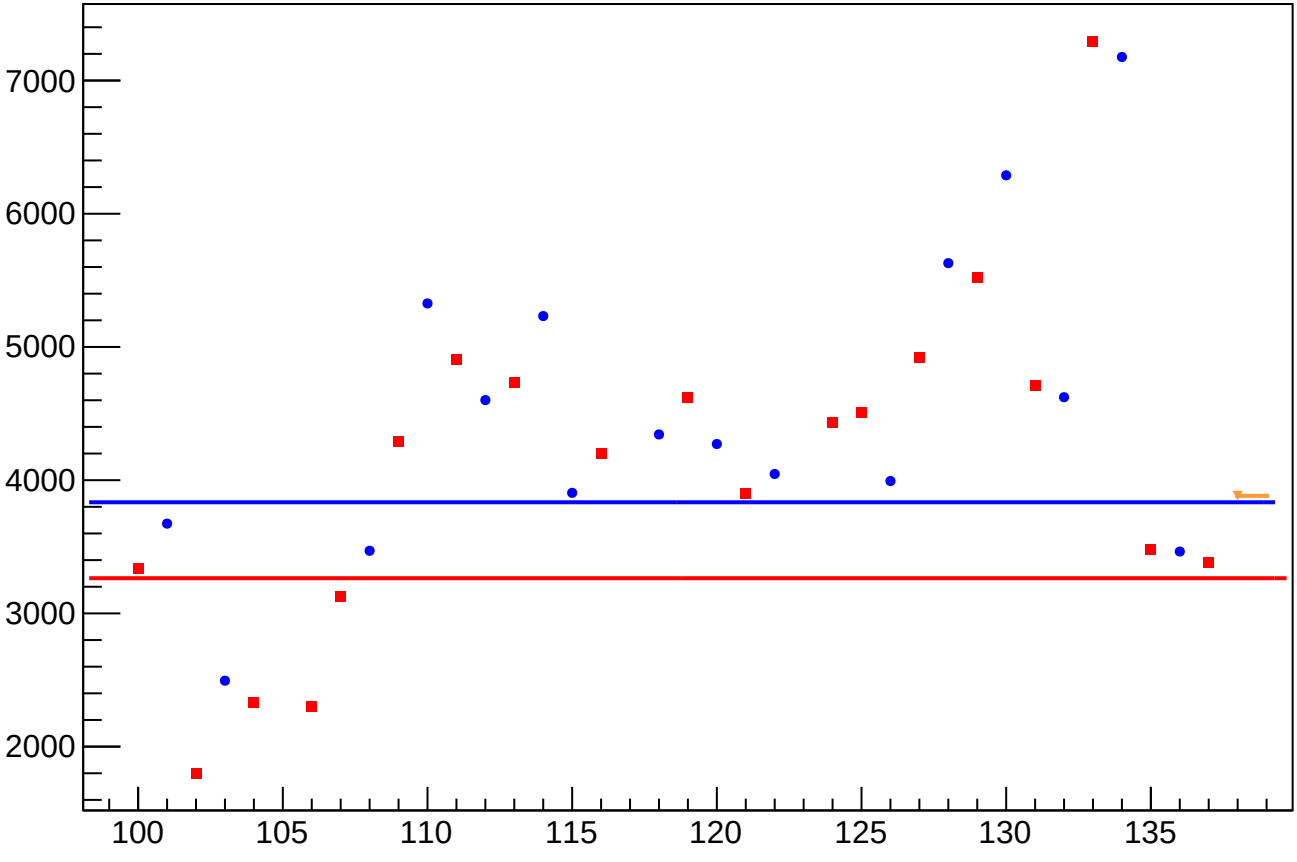
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 675.213+/-1403.556 χ^2/NDF: 14.2/16

All: -150.617+/-956.591 χ^2/NDF: 30.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 3834.164+/-1.046 χ^2/NDF: 956775.6/15

Left Out: 3882.555+/-3.143 χ^2/NDF:0.0/0

Right Out: 3264.110+/-0.924 χ^2/NDF: 1864241.4/18

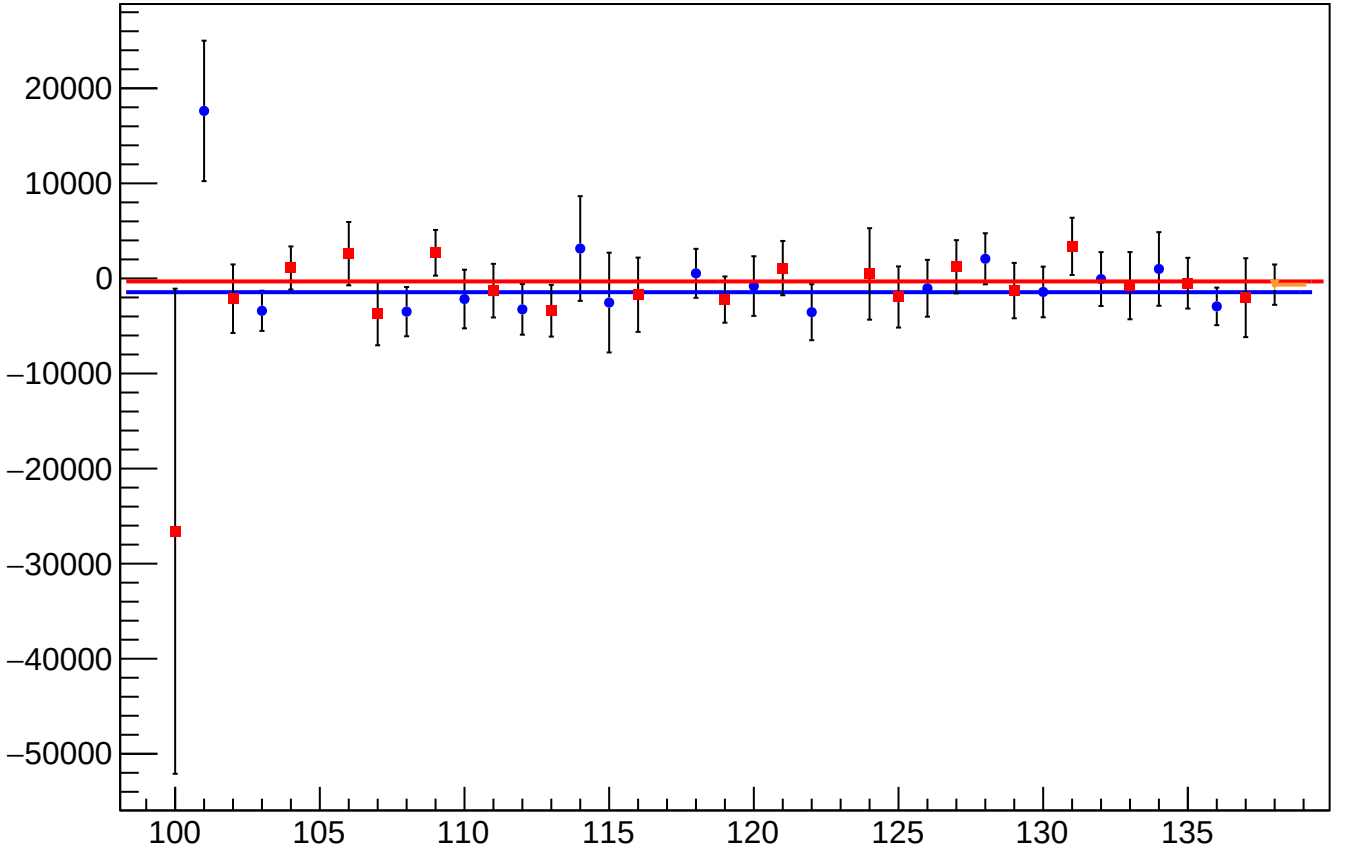
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3838.990+/-0.992 χ^2/NDF: 956989.1/16

All: 3531.147+/-0.676 χ^2/NDF: 3000901.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atr_dd_mean vs Slug



Right In: -1446.933+/-723.140 χ^2/NDF: 13.5/15

Left Out: -654.066+/-2121.638 χ^2/NDF:0.0/0

Right Out: -315.462+/-703.596 χ^2/NDF: 9.9/18

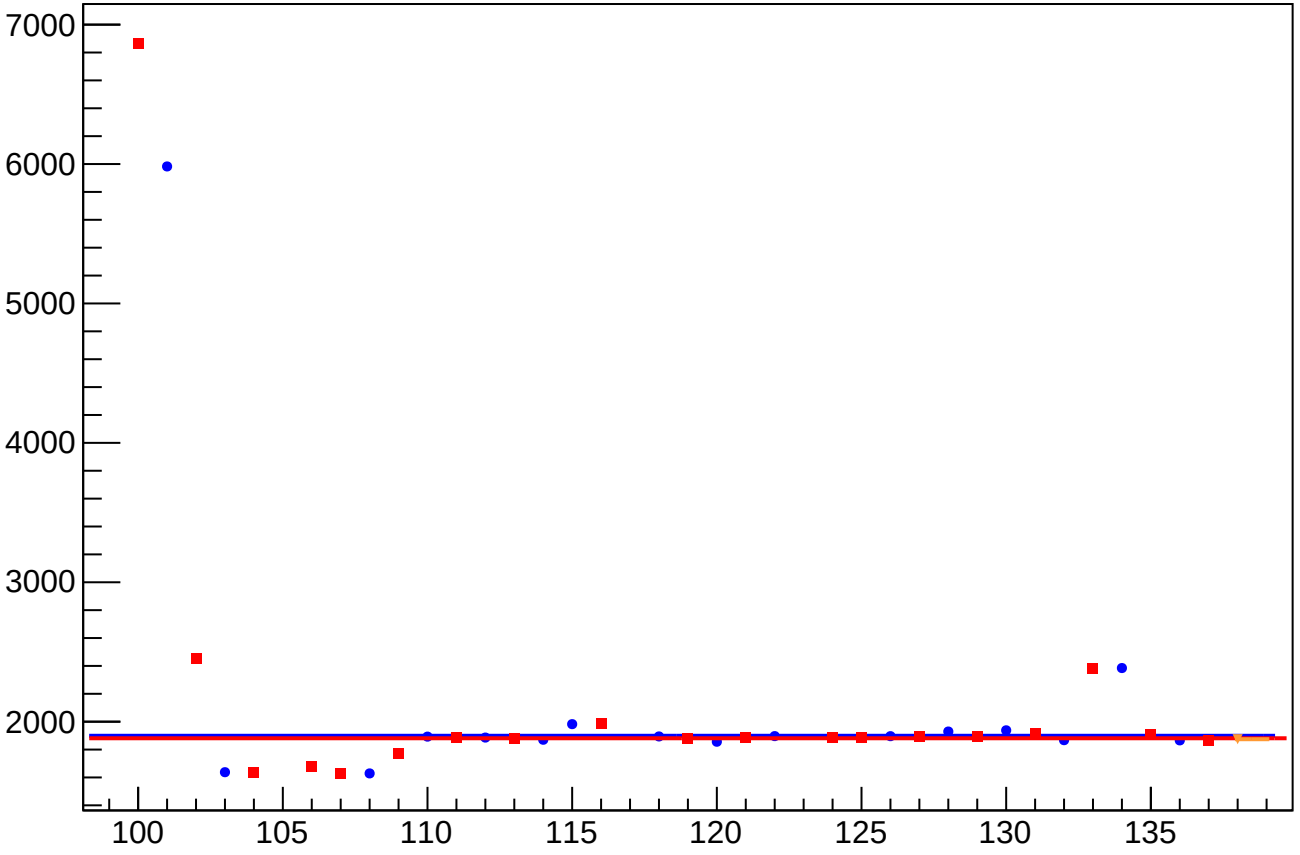
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1364.411+/-684.474 χ^2/NDF: 13.6/16

All: -854.384+/-490.617 χ^2/NDF: 24.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1898.826+/-0.511 χ^2/NDF: 697514.4/15

Left Out: 1874.250+/-1.500 χ^2/NDF:0.0/0

Right Out: 1881.007+/-0.497 χ^2/NDF: 216564.4/18

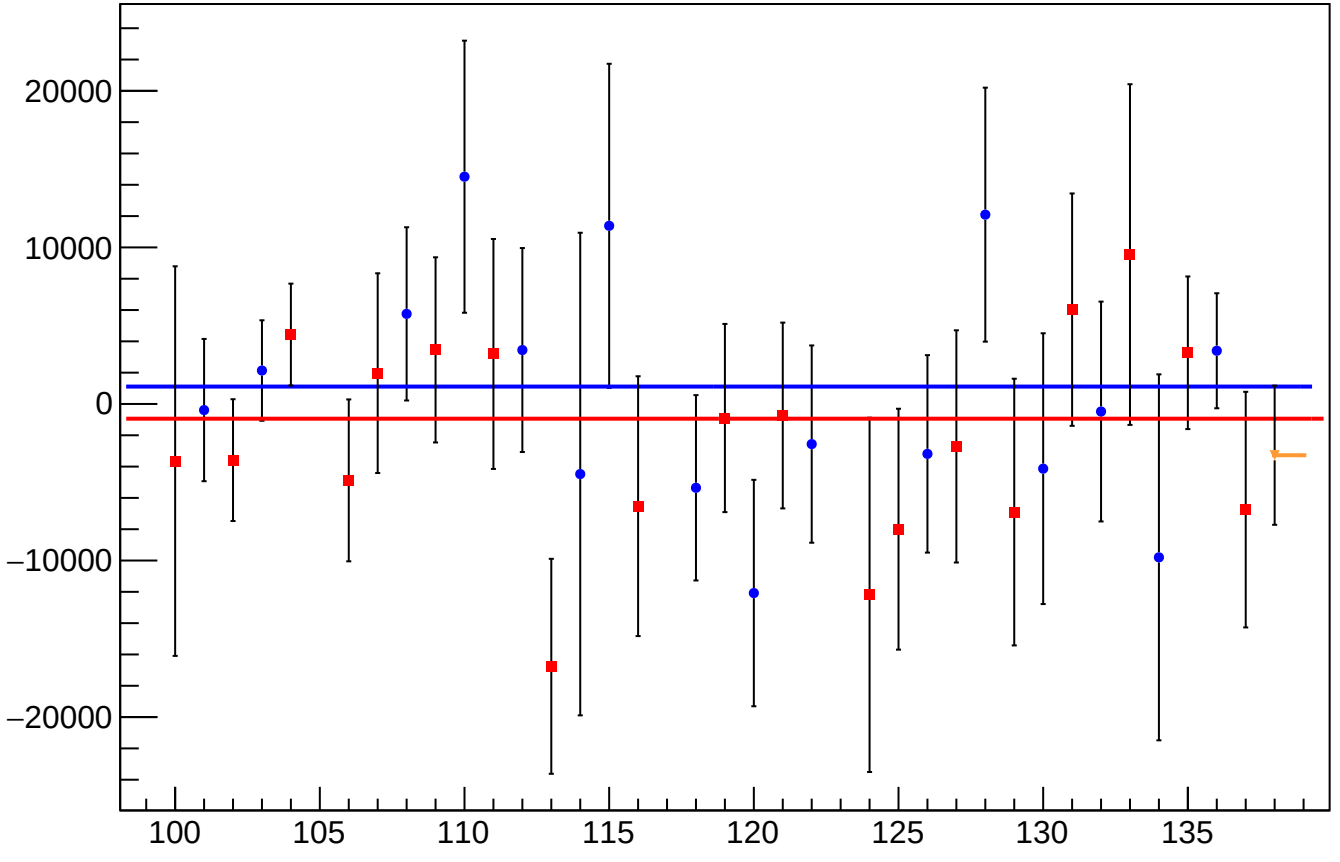
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1896.268+/-0.484 χ^2/NDF: 697754.8/16

All: 1888.836+/-0.347 χ^2/NDF: 914803.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 1111.533+/-1479.438 χ^2/NDF: 13.4/15

Left Out: -3273.734+/-4444.193 χ^2/NDF:0.0/0

Right Out: -940.712+/-1398.993 χ^2/NDF: 16.2/18

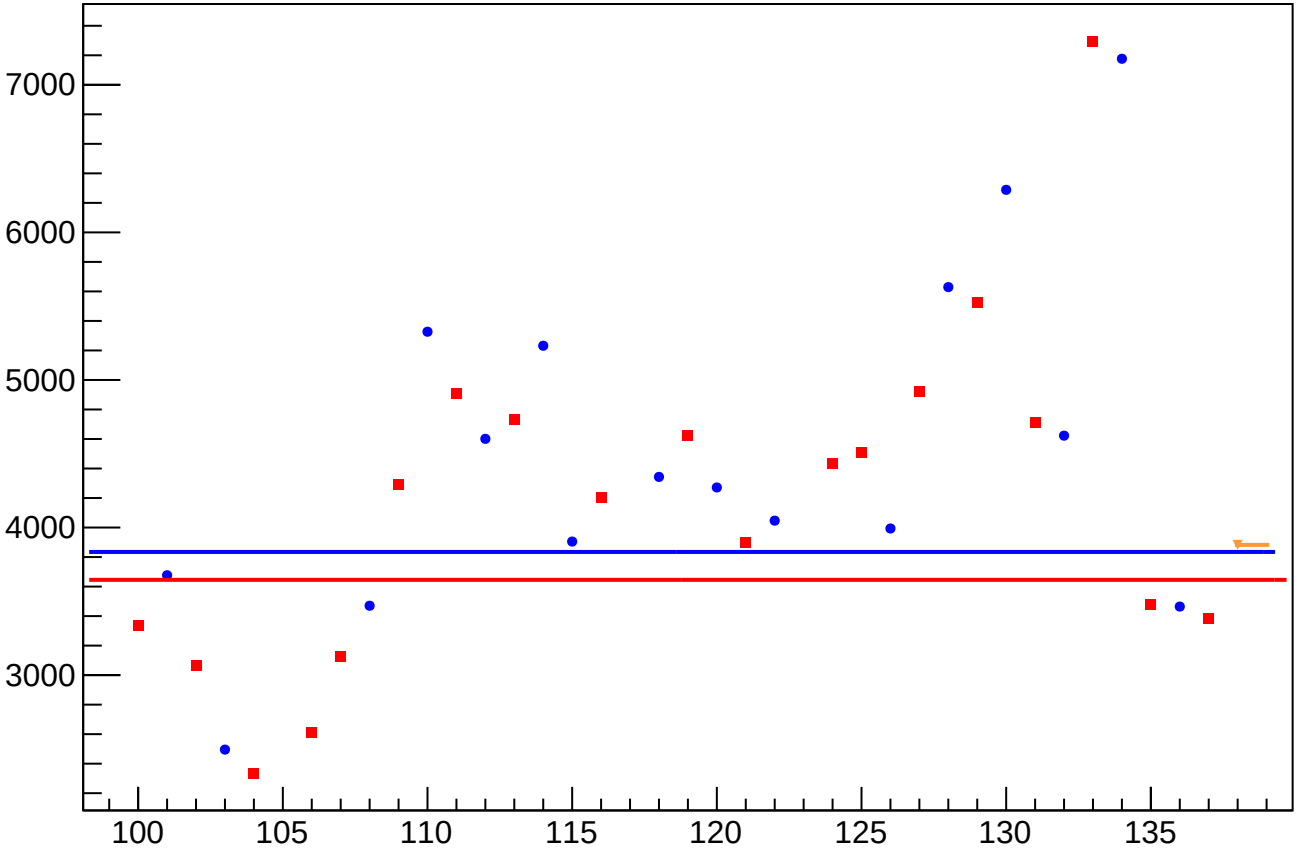
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 674.050+/-1403.704 χ^2/NDF: 14.3/16

All: -136.045+/-990.899 χ^2/NDF: 31.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3834.690+/-1.046 χ^2/NDF: 956312.2/15

Left Out: 3882.561+/-3.143 χ^2/NDF:0.0/0

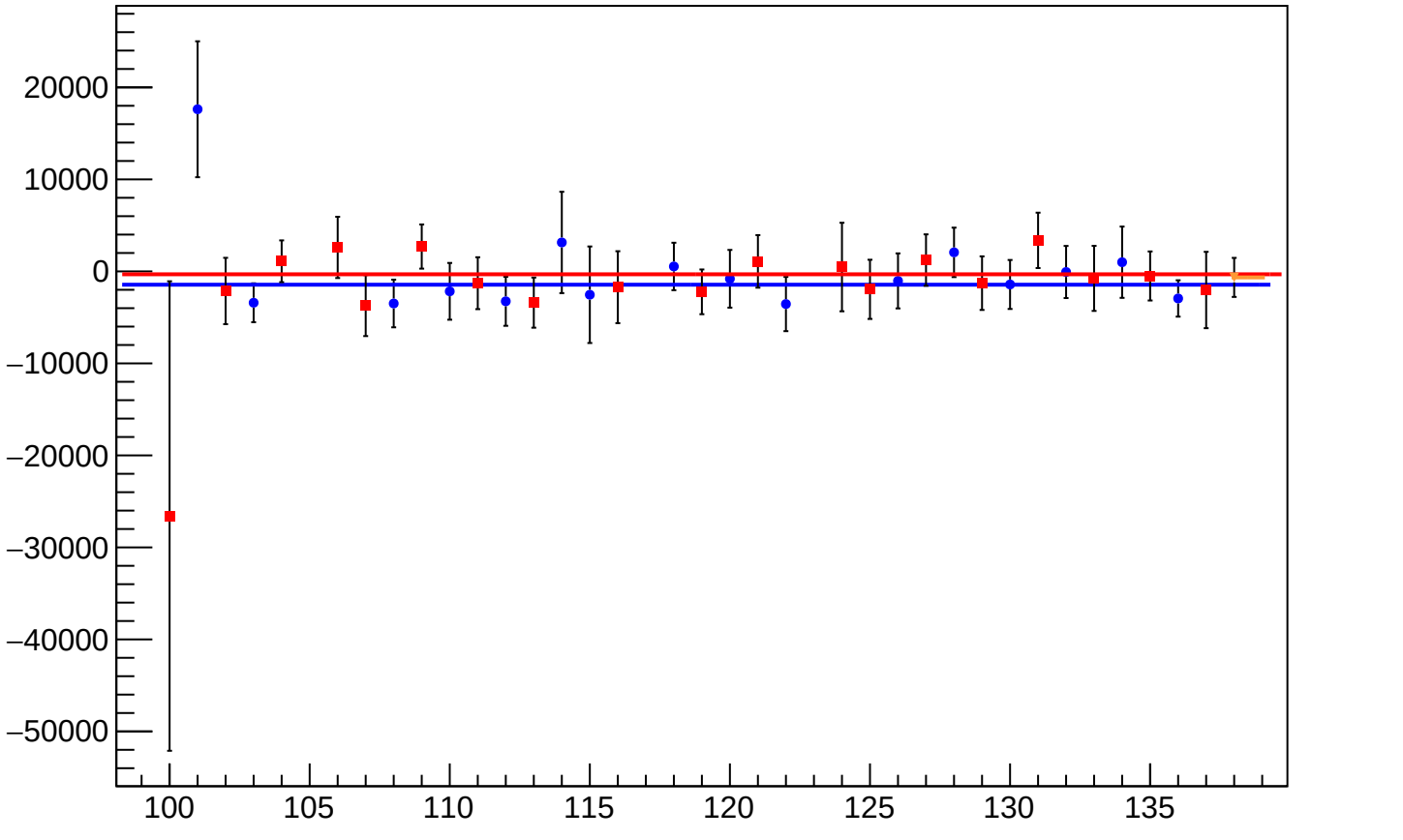
Right Out: 3645.689+/-0.989 χ^2/NDF: 1124981.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3839.466+/-0.993 χ^2/NDF: 956521.1/16

All: 3742.252+/-0.701 χ^2/NDF: 2100623.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1446.933+/-723.140 χ^2/NDF: 13.5/15

Left Out: -654.066+/-2121.638 χ^2/NDF:0.0/0

Right Out: -315.462+/-703.596 χ^2/NDF: 9.9/18

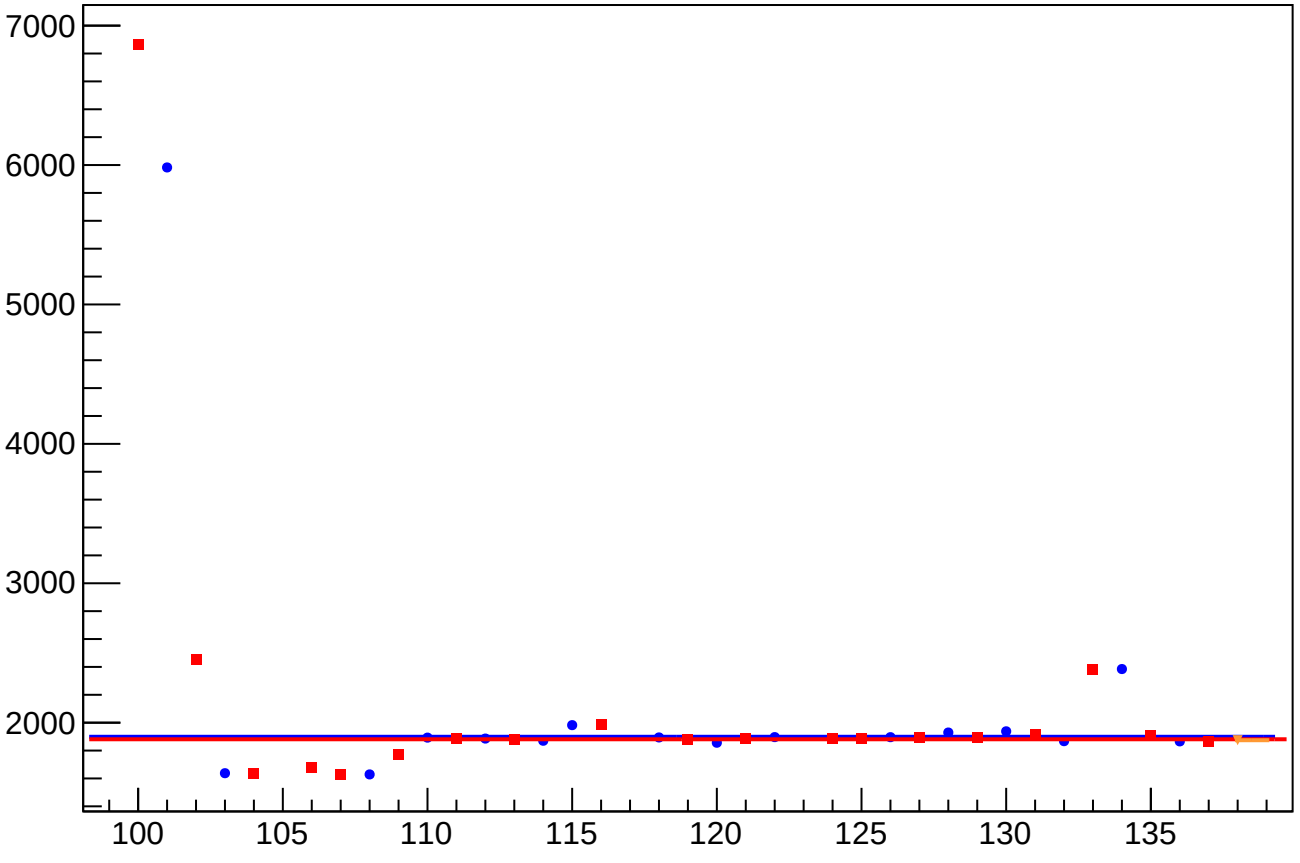
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1364.411+/-684.474 χ^2/NDF: 13.6/16

All: -854.384+/-490.617 χ^2/NDF: 24.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1898.826+/-0.511 χ^2/NDF: 697514.4/15

Left Out: 1874.250+/-1.500 χ^2/NDF:0.0/0

Right Out: 1881.007+/-0.497 χ^2/NDF: 216564.4/18

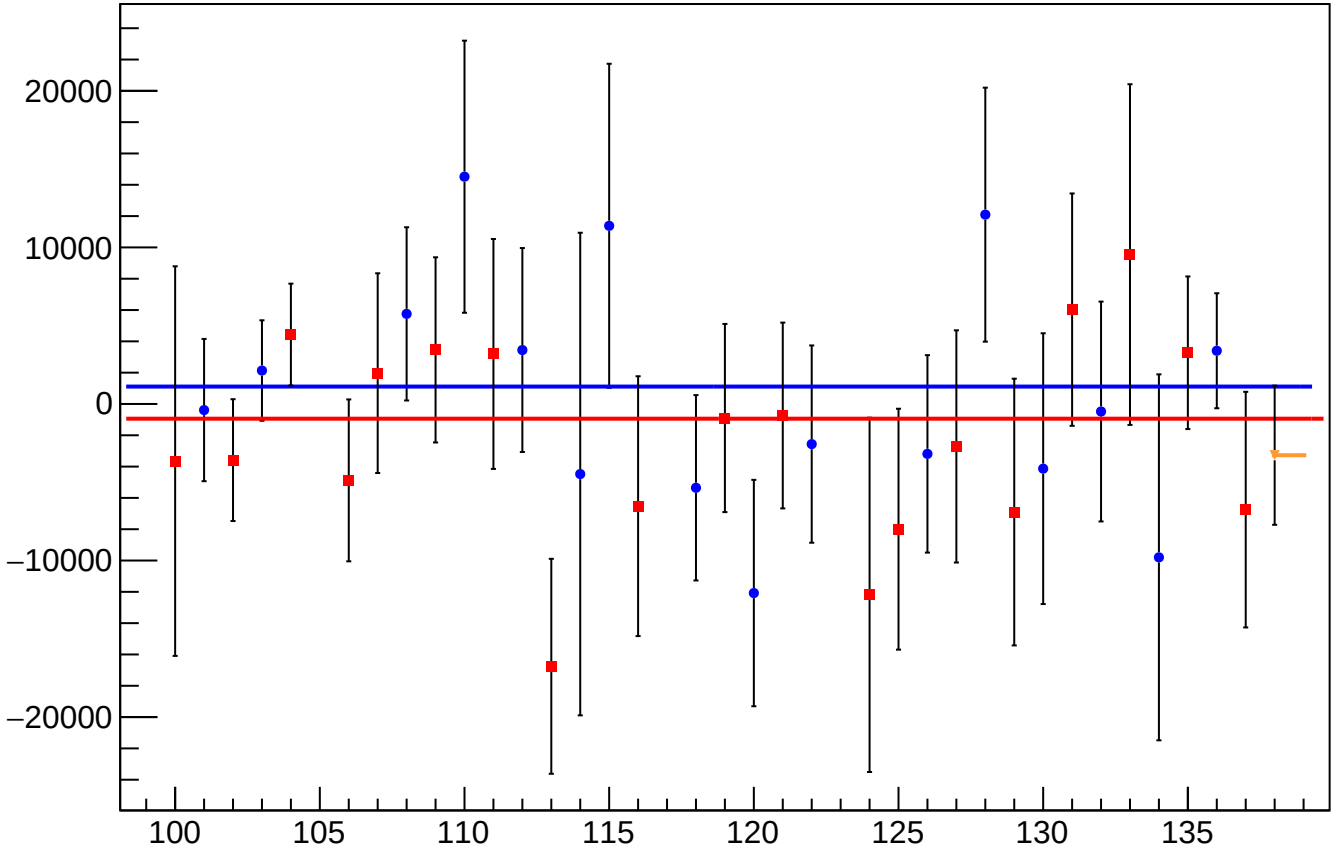
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1896.268+/-0.484 χ^2/NDF: 697754.8/16

All: 1888.836+/-0.347 χ^2/NDF: 914803.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 1111.533+/-1479.438 χ^2/NDF: 13.4/15

Left Out: -3273.734+/-4444.193 χ^2/NDF:0.0/0

Right Out: -940.712+/-1398.993 χ^2/NDF: 16.2/18

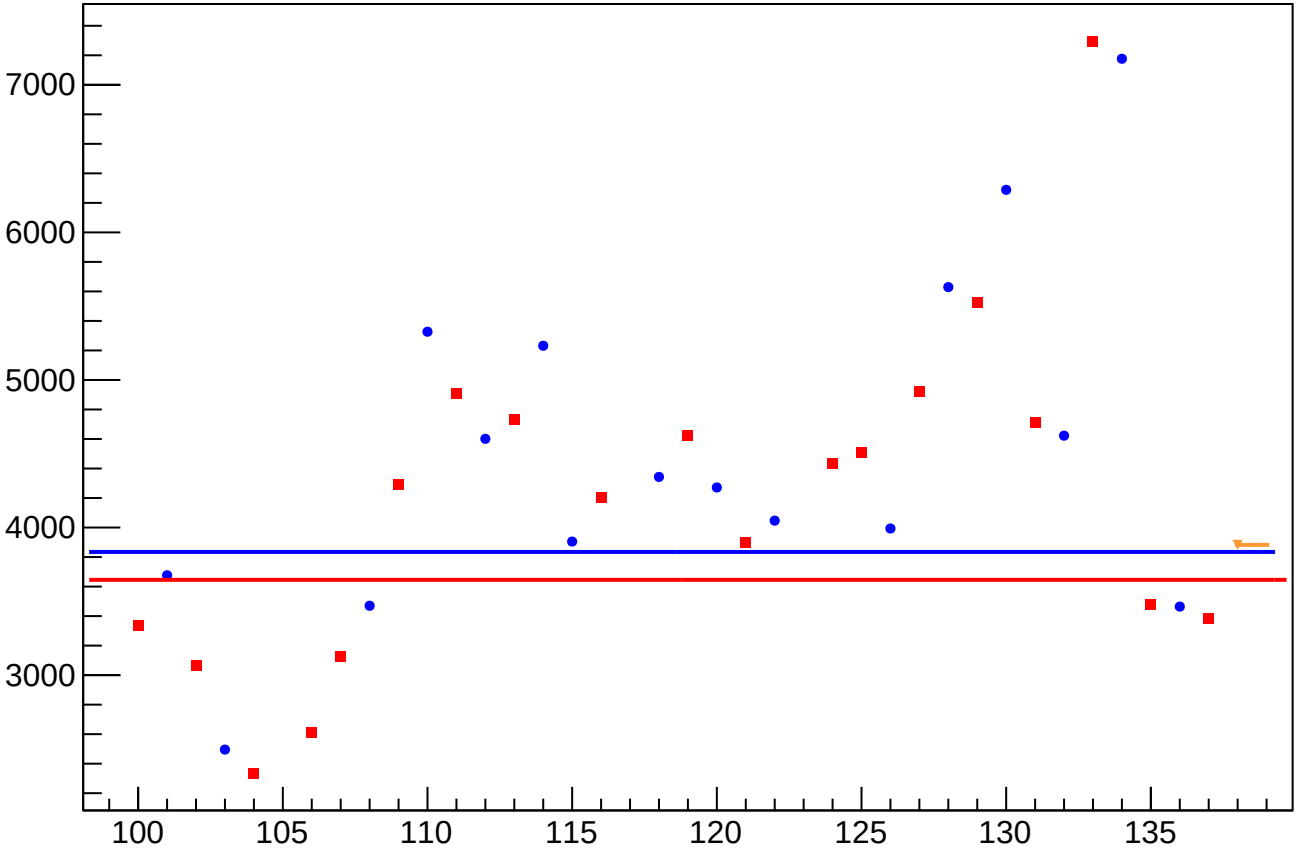
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 674.050+/-1403.704 χ^2/NDF: 14.3/16

All: -136.045+/-990.899 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 3834.690+/-1.046 χ^2/NDF: 956312.2/15

Left Out: 3882.561+/-3.143 χ^2/NDF:0.0/0

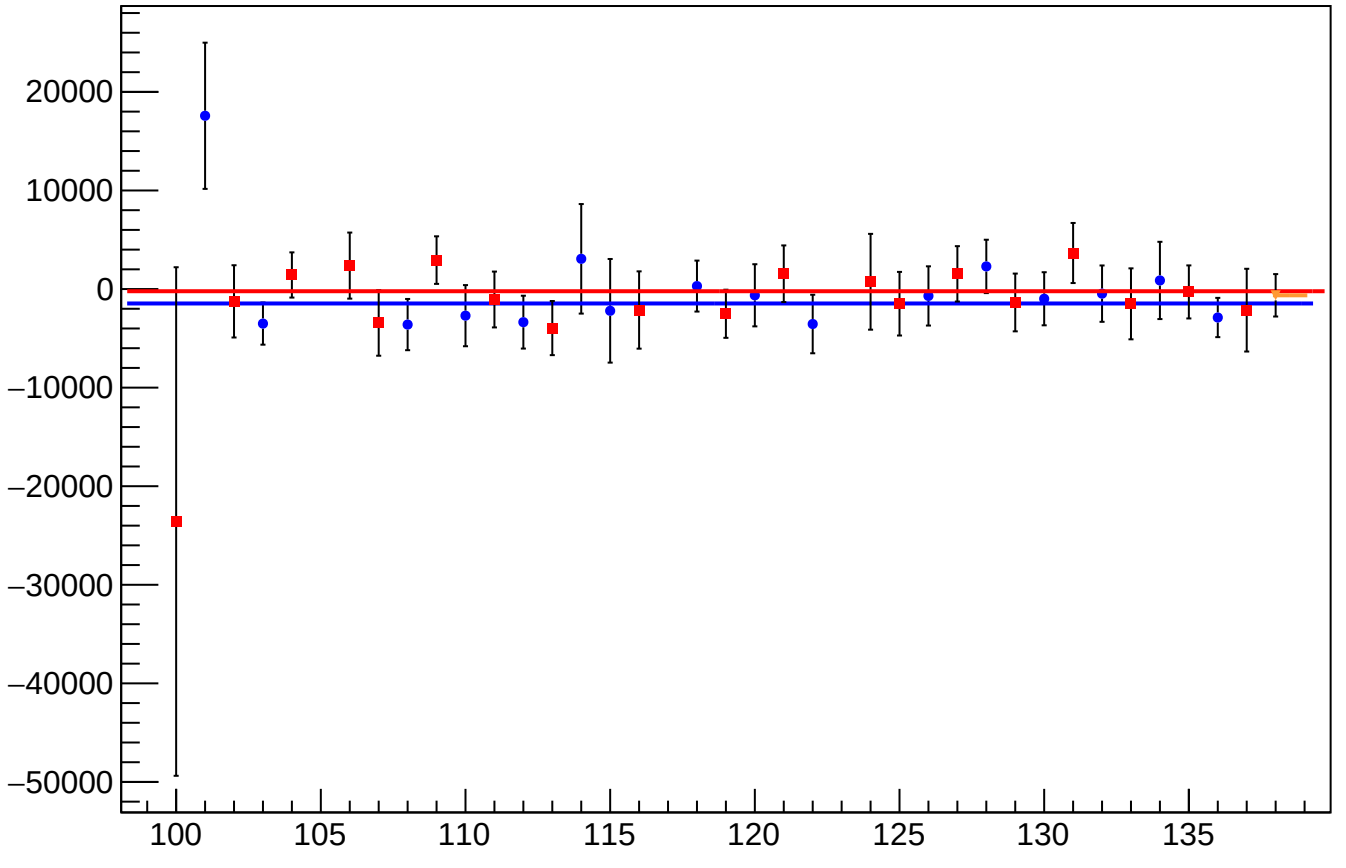
Right Out: 3645.689+/-0.989 χ^2/NDF: 1124981.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3839.466+/-0.993 χ^2/NDF: 956521.1/16

All: 3742.252+/-0.701 χ^2/NDF: 2100623.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1462.640+/-728.274 χ^2/NDF: 13.6/15

Left Out: -634.451+/-2151.547 χ^2/NDF:0.0/0

Right Out: -219.726+/-708.852 χ^2/NDF: 10.8/18

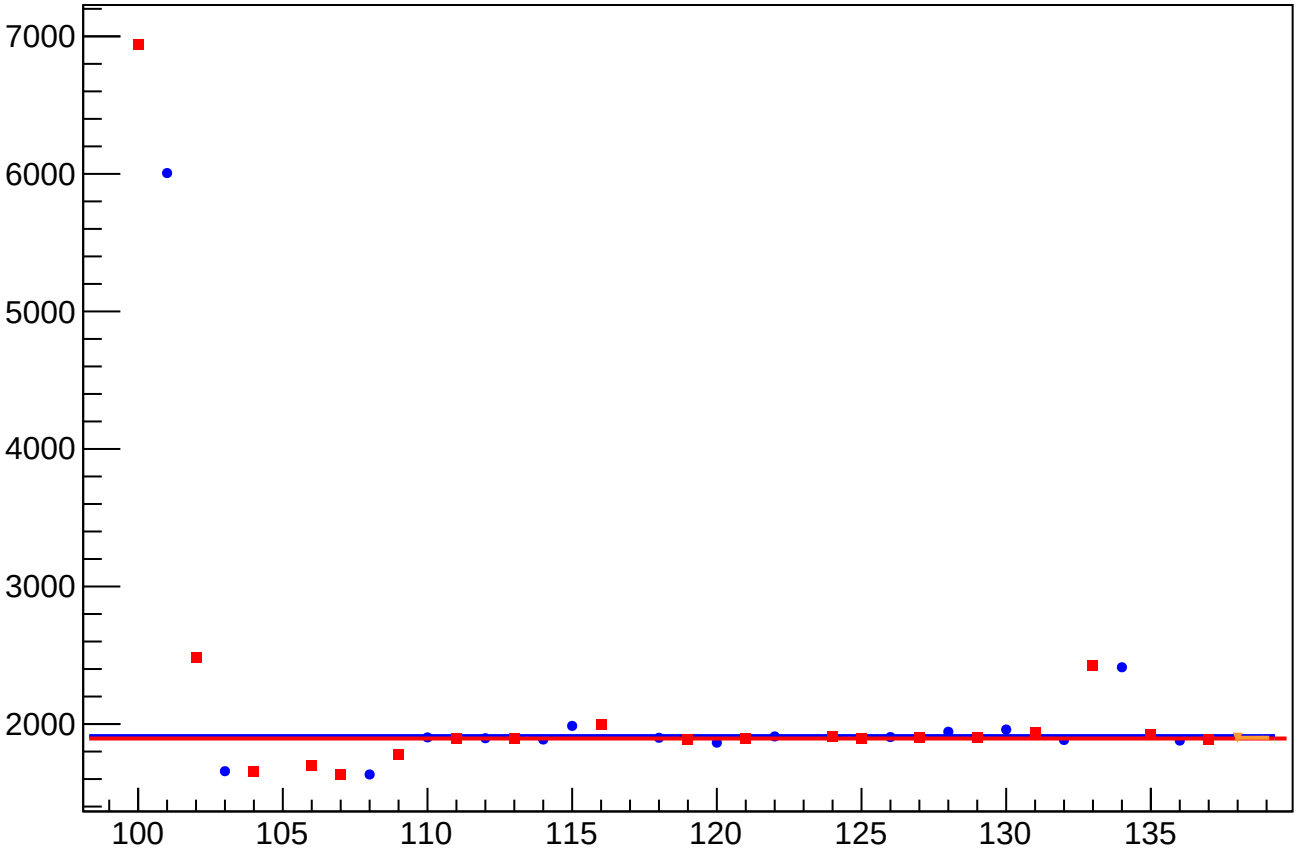
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1377.505+/-689.827 χ^2/NDF: 13.7/16

All: -814.360+/-494.370 χ^2/NDF: 25.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1912.378+/-0.515 χ^2/NDF: 696220.3/15

Left Out: 1900.591+/-1.521 χ^2/NDF:0.0/0

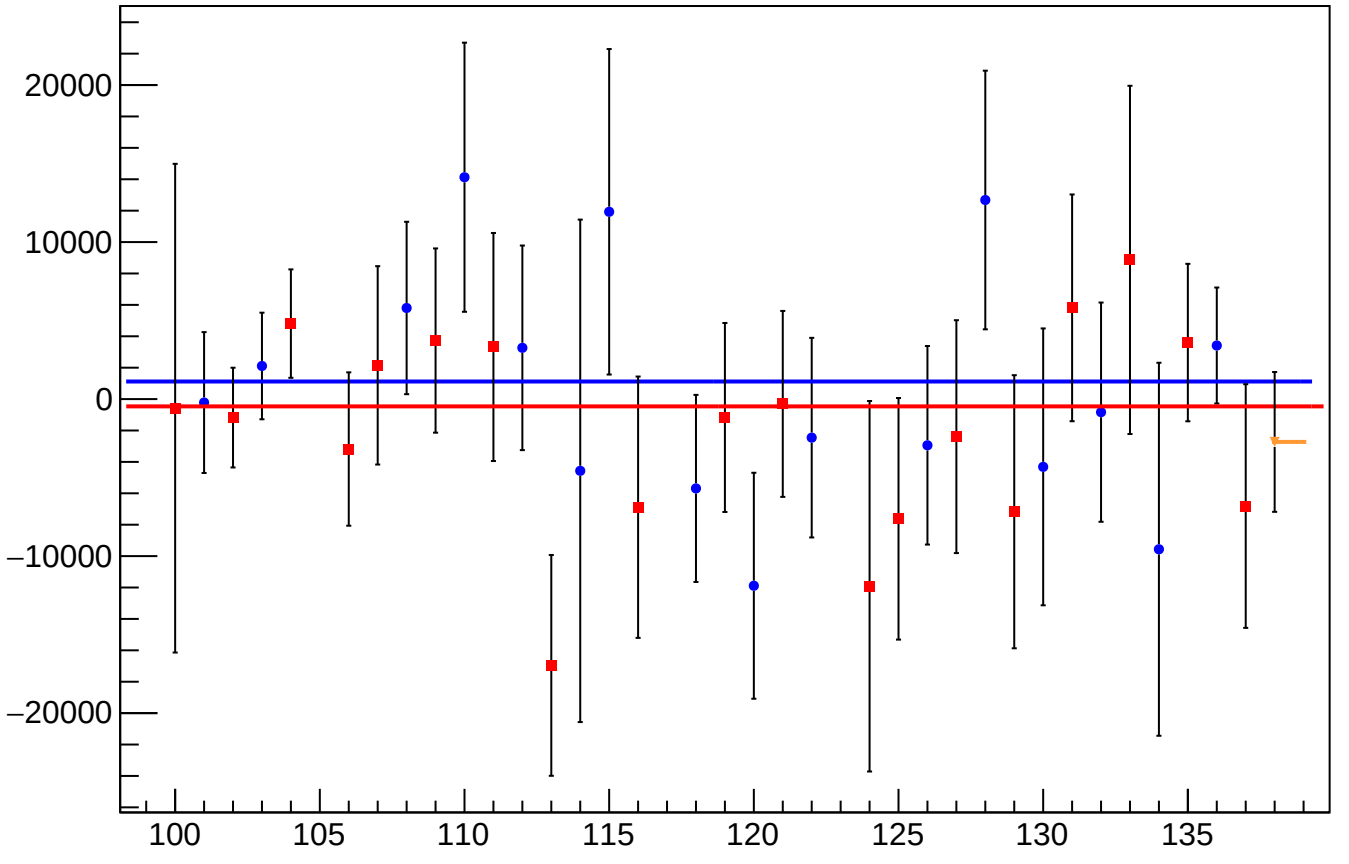
Right Out: 1894.765+/-0.501 χ^2/NDF: 219781.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1911.167+/-0.488 χ^2/NDF: 696274.1/16

All: 1903.180+/-0.349 χ^2/NDF: 916606.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1120.173+/-1497.671 χ^2/NDF: 13.5/15

Left Out: -2727.682+/-4452.469 χ^2/NDF:0.0/0

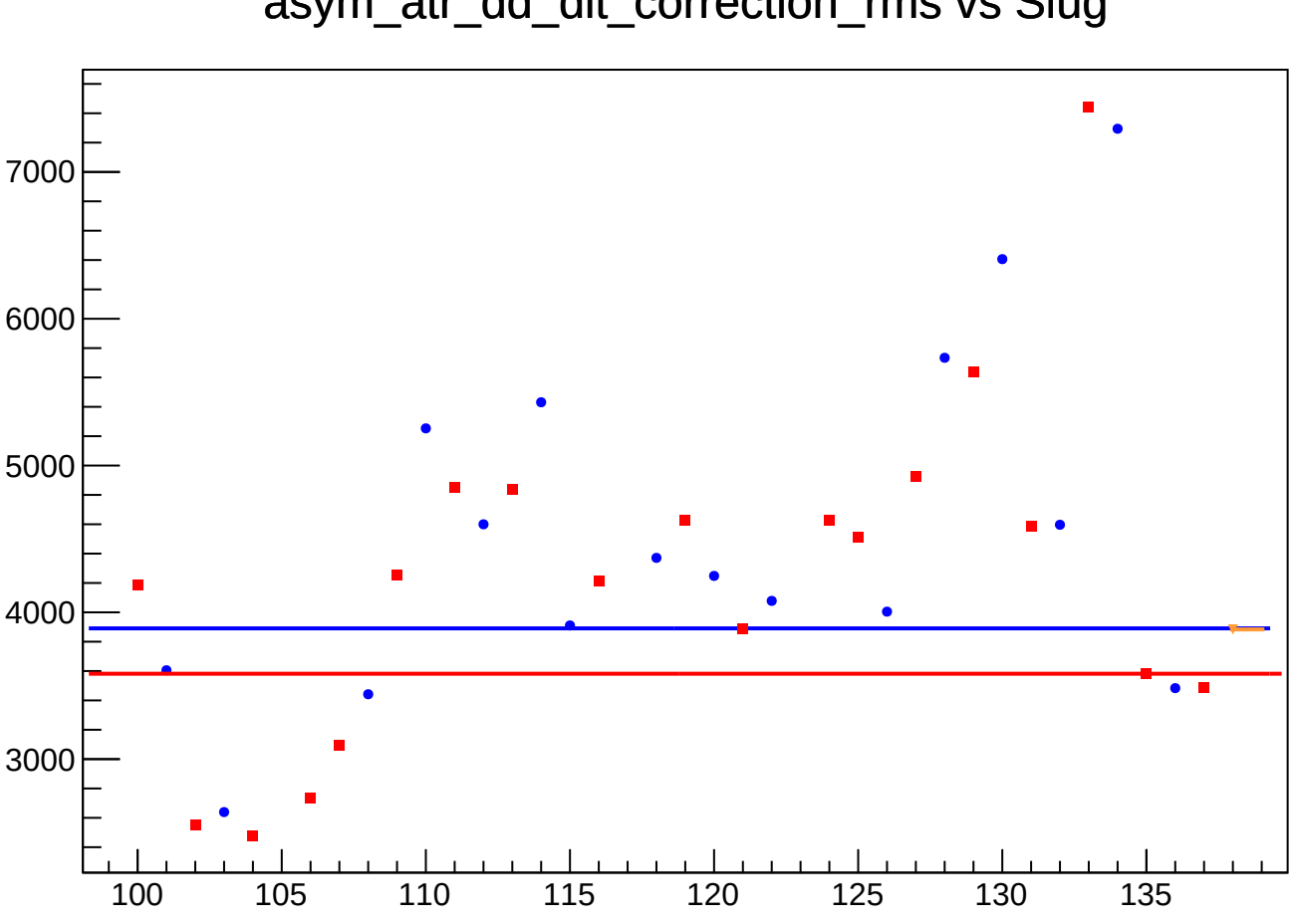
Right Out: -464.368+/-1370.818 χ^2/NDF: 15.0/18

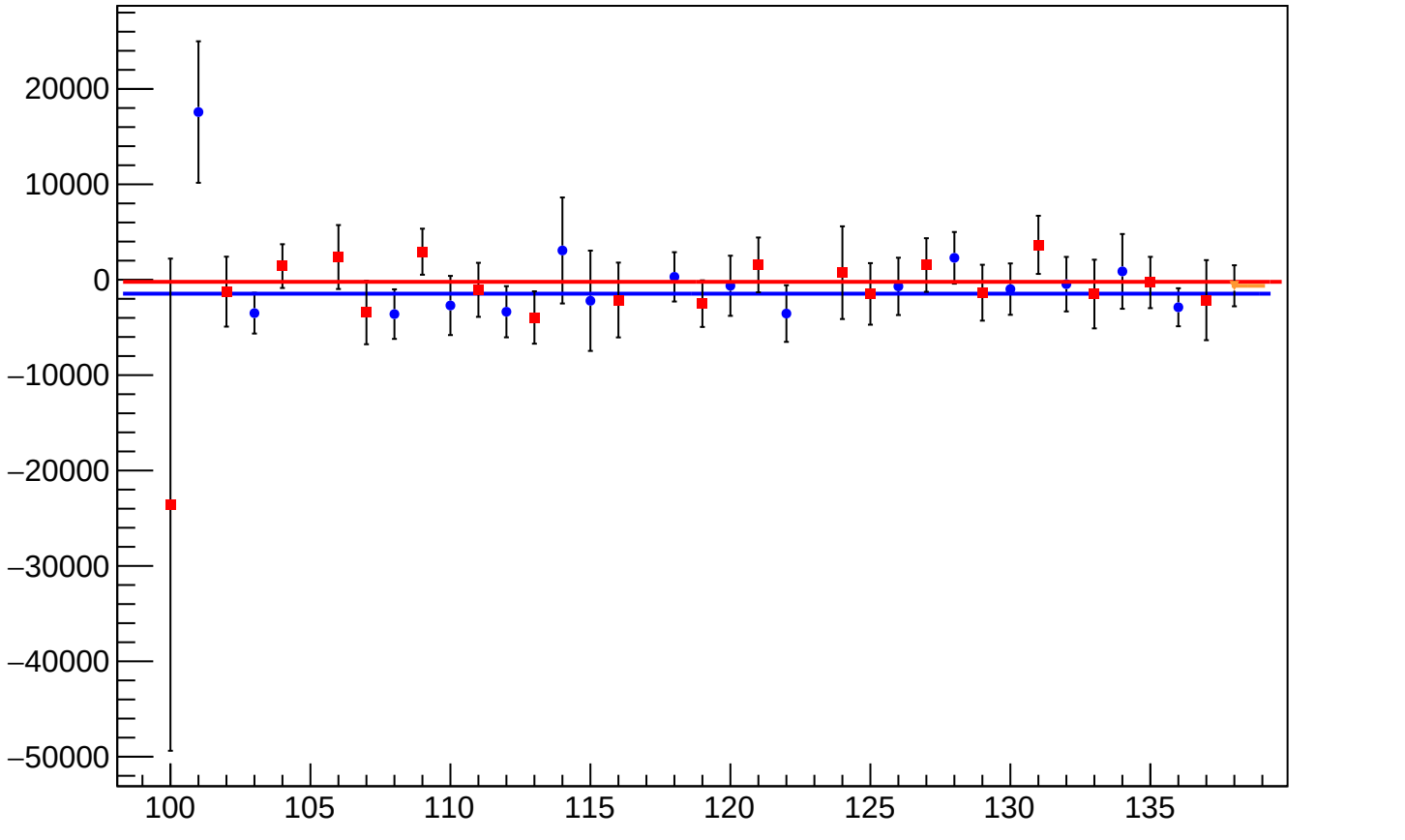
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 729.064+/-1419.517 χ^2/NDF: 14.1/16

All: 111.526+/-986.082 χ^2/NDF: 29.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr_dd_dit_correction_rms vs Slug
7000
6000
5000
4000
3000
100
105
110
115
120
125
130
135
Right In: 3890.708+/-1.059 χ²/NDF: 878418.2/15
Left Out: 3883.608+/-3.148 χ²/NDF:0.0/0
Right Out: 3581.780+/-0.969 χ²/NDF: 1221855.2/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 3889.986+/-1.004 χ²/NDF: 878422.8/16
All: 3730.506+/-0.697 χ²/NDF: 2149064.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -1462.646+/-728.274 χ^2/NDF: 13.6/15

Left Out: -634.452+/-2151.548 χ^2/NDF:0.0/0

Right Out: -219.720+/-708.852 χ^2/NDF: 10.8/18

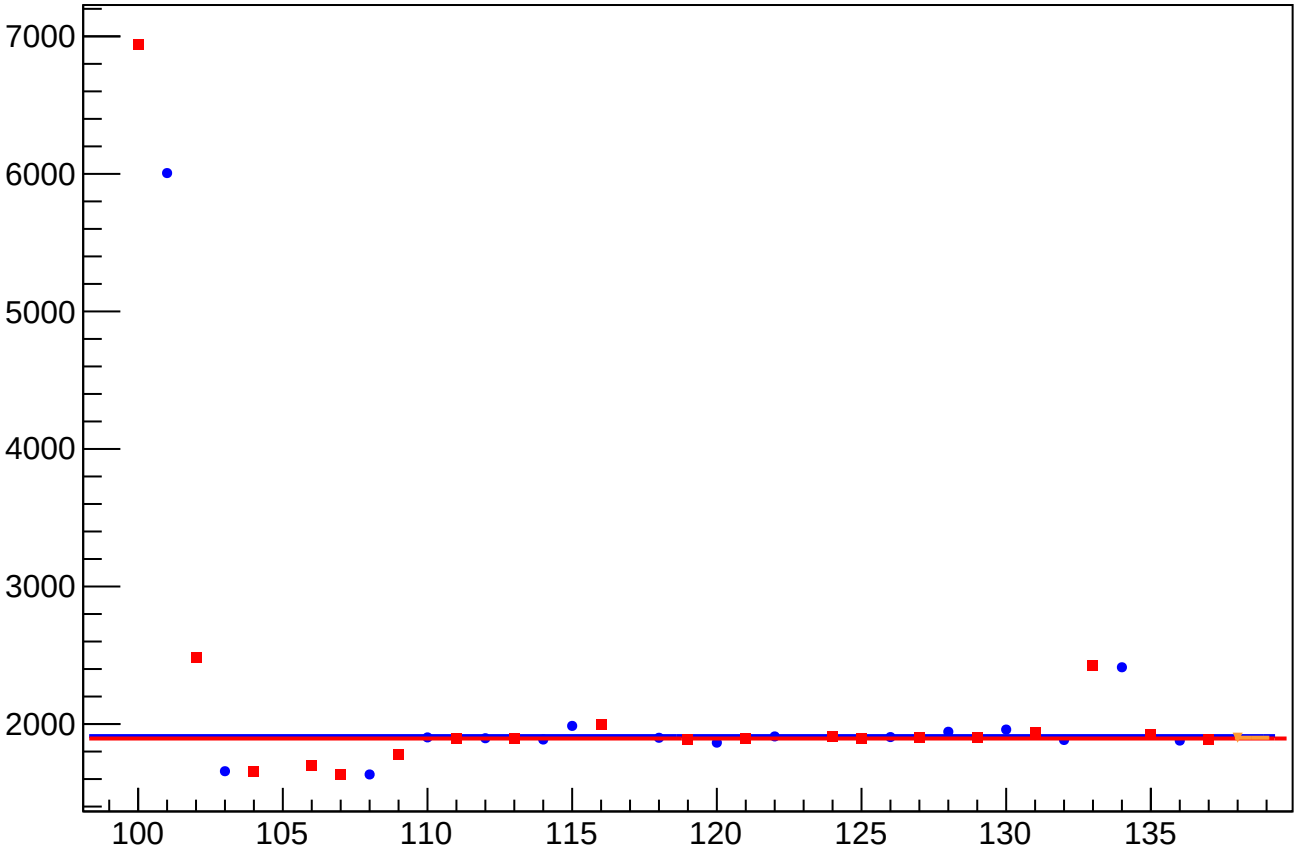
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1377.510+/-689.827 χ^2/NDF: 13.7/16

All: -814.360+/-494.370 χ^2/NDF: 25.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1912.378+/-0.515 χ^2/NDF: 696220.1/15

Left Out: 1900.592+/-1.521 χ^2/NDF:0.0/0

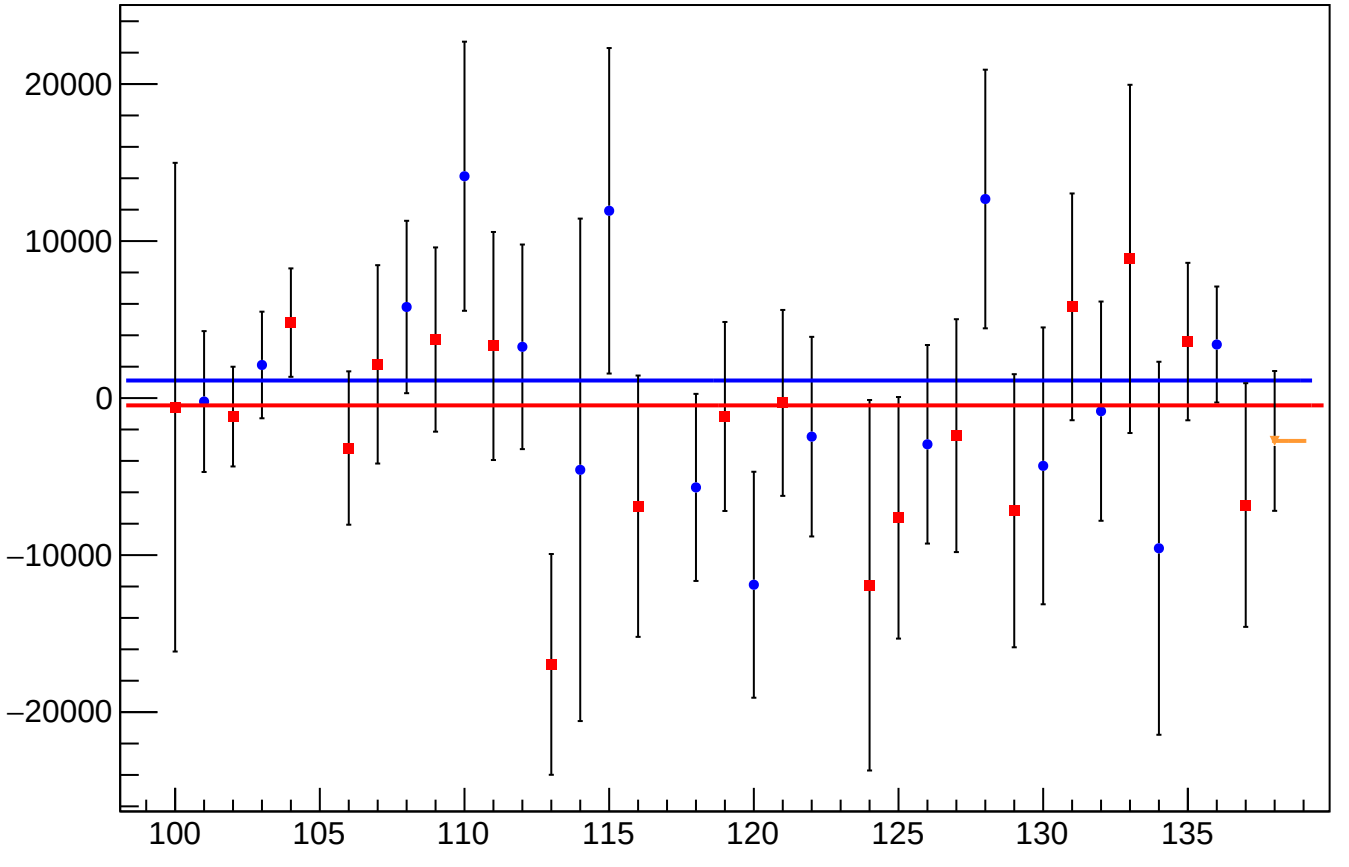
Right Out: 1894.765+/-0.501 χ^2/NDF: 219781.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1911.167+/-0.488 χ^2/NDF: 696274.0/16

All: 1903.180+/-0.349 χ^2/NDF: 916606.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1120.159+/-1497.669 χ^2/NDF: 13.5/15

Left Out: -2727.681+/-4452.479 χ^2/NDF:0.0/0

Right Out: -464.367+/-1370.817 χ^2/NDF: 15.0/18

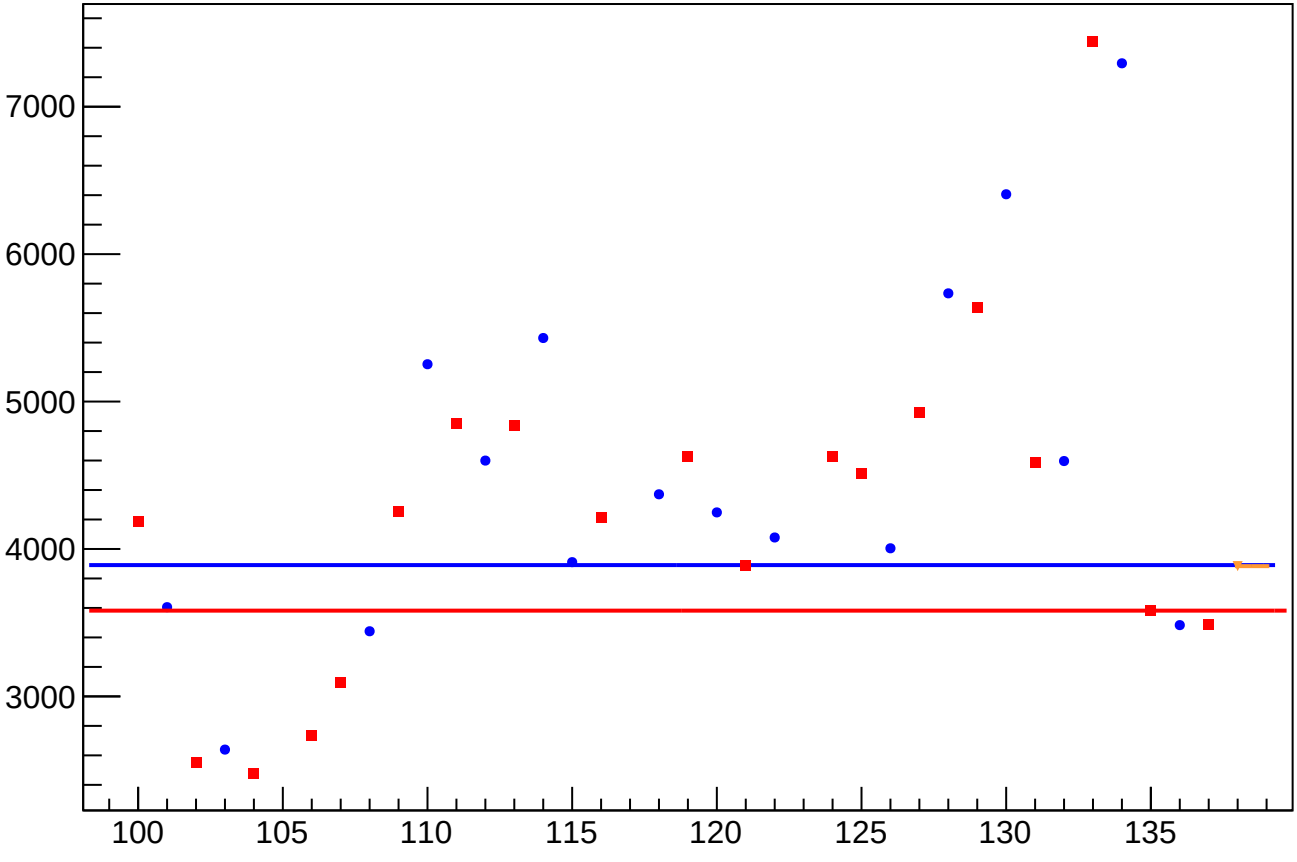
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 729.054+/-1419.516 χ^2/NDF: 14.1/16

All: 111.521+/-986.081 χ^2/NDF: 29.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3890.705+/-1.059 χ^2/NDF: 878409.2/15

Left Out: 3883.616+/-3.148 χ^2/NDF:0.0/0

Right Out: 3581.777+/-0.969 χ^2/NDF: 1221846.6/18

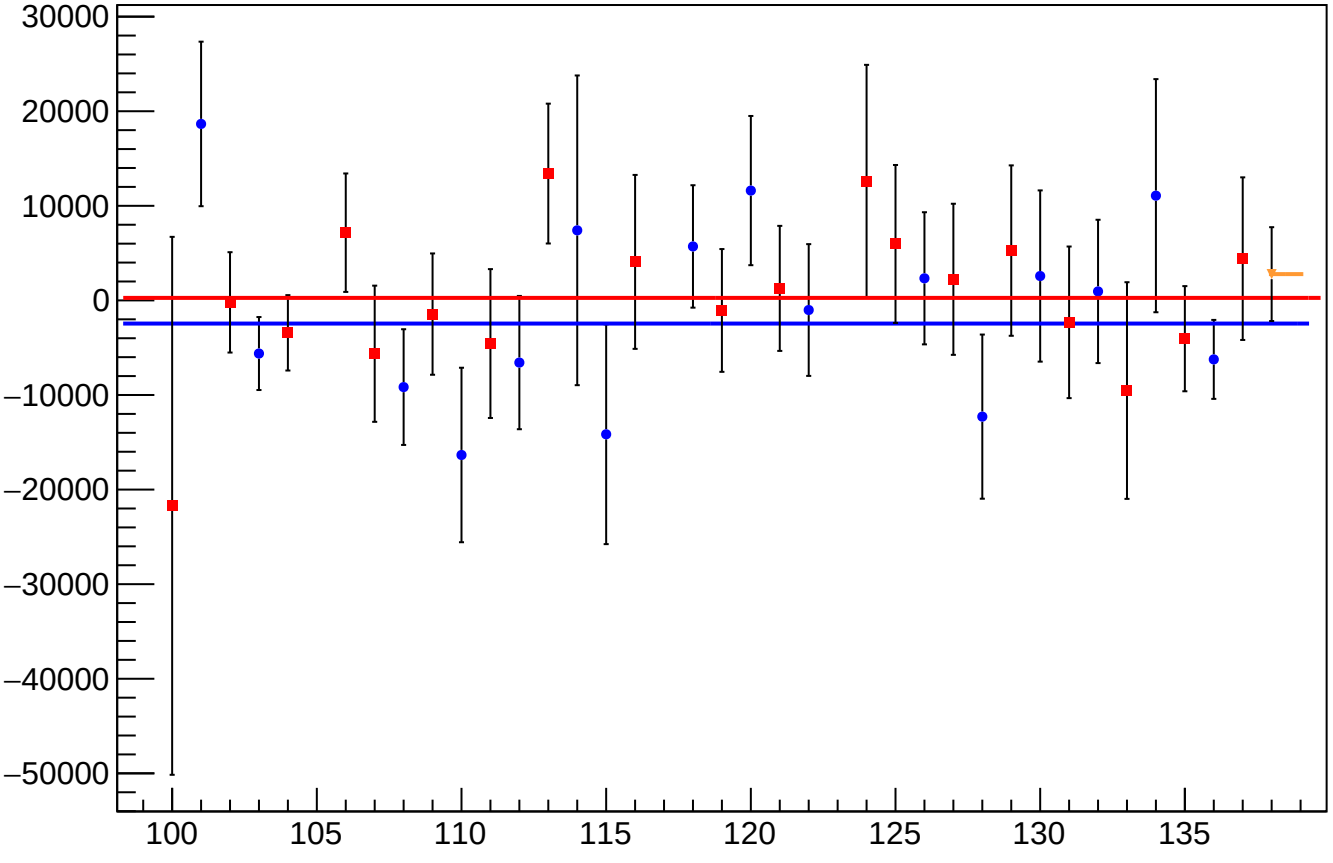
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3889.985+/-1.004 χ^2/NDF: 878413.8/16

All: 3730.503+/-0.697 χ^2/NDF: 2149047.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_mean vs Slug



Right In: -2448.262+/-1719.694 χ^2/NDF: 20.9/15

Left Out: 2780.382+/-4960.156 χ^2/NDF:0.0/0

Right Out: 265.886+/-1622.574 χ^2/NDF: 10.7/18

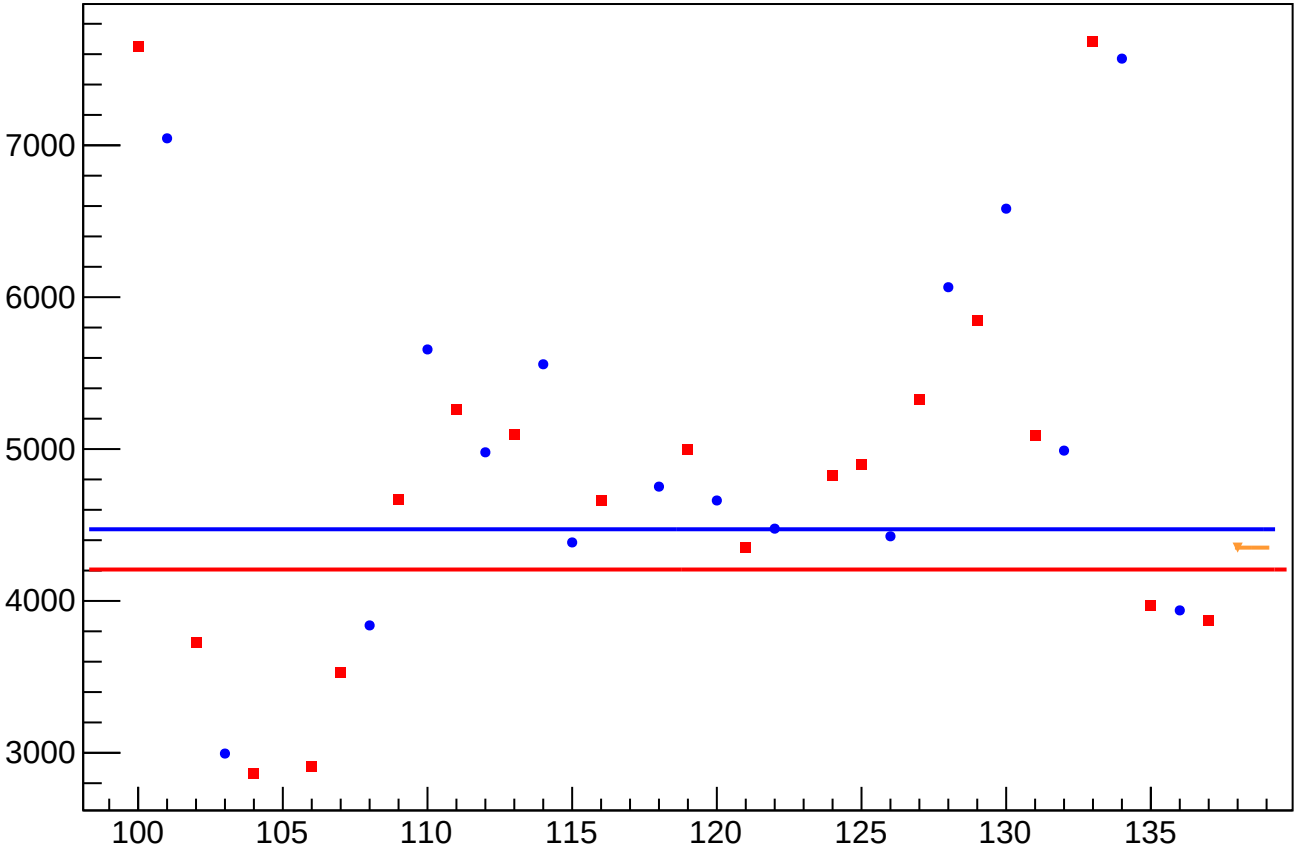
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1887.209+/-1624.812 χ^2/NDF: 21.8/16

All: -809.178+/-1148.123 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_rms vs Slug



Right In: 4471.904+/-1.216 χ^2/NDF: 891678.4/15

Left Out: 4351.053+/-3.507 χ^2/NDF:0.0/0

Right Out: 4206.907+/-1.138 χ^2/NDF: 846525.2/18

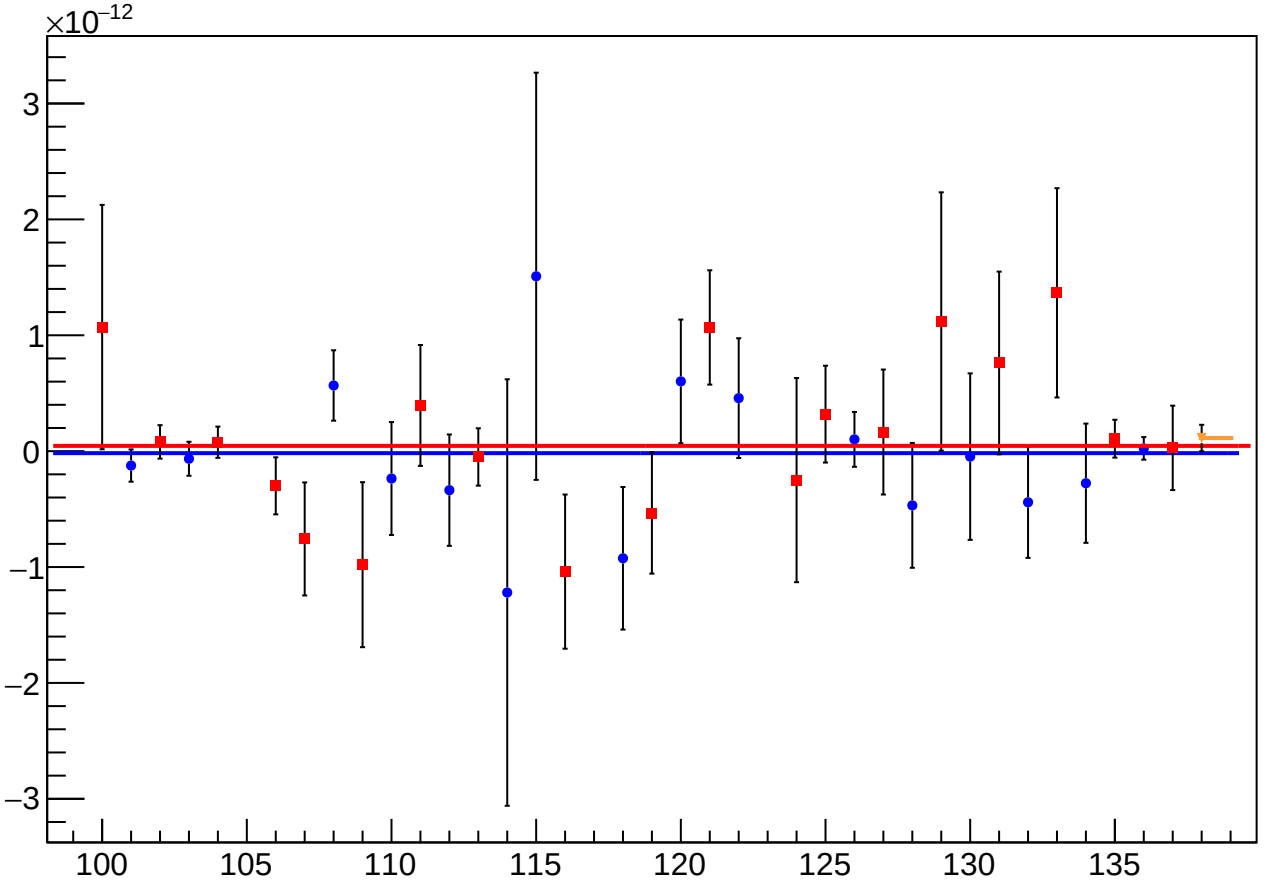
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4458.936+/-1.149 χ^2/NDF: 892738.3/16

All: 4331.716+/-0.809 χ^2/NDF: 1763553.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

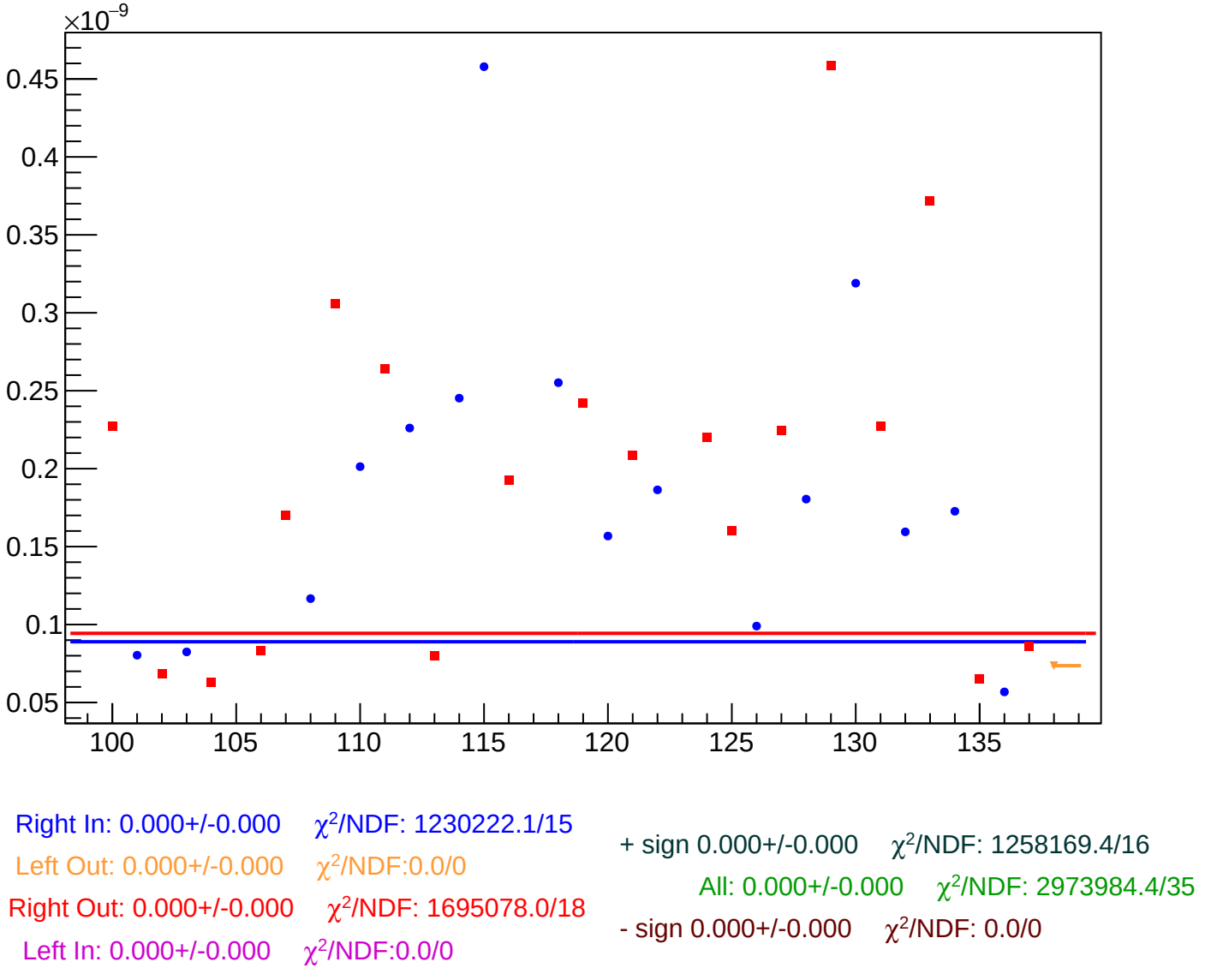
Right Out: 0.000+/-0.000 χ^2/NDF: 21.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

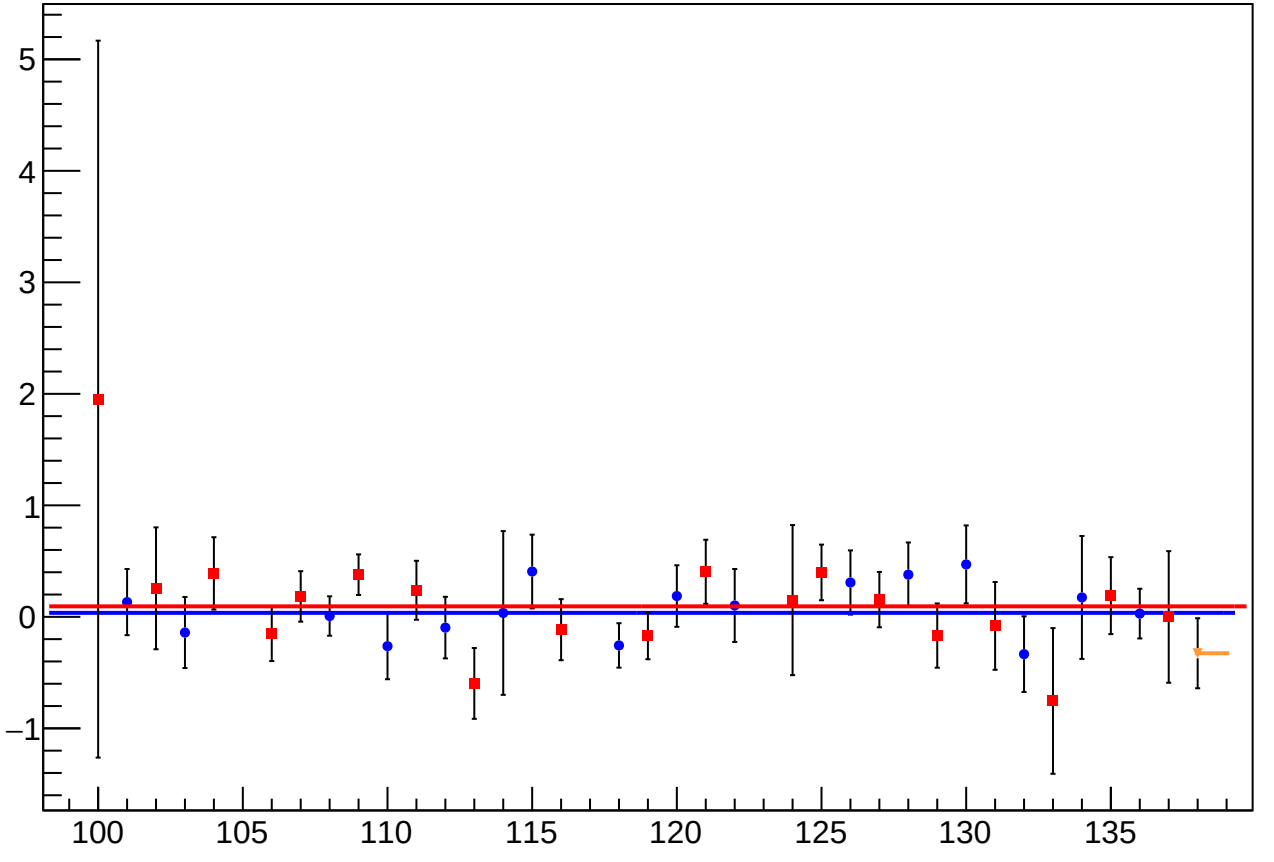
+ sign 0.000+/-0.000 χ^2/NDF: 13.8/16

All: 0.000+/-0.000 χ^2/NDF: 35.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1230222.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1695078.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1258169.4/16
All: 0.000+/-0.000 χ²/NDF: 2973984.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.036+/-0.071 χ^2/NDF: 10.5/15

Left Out: -0.326+/-0.314 χ^2/NDF:0.0/0

Right Out: 0.094+/-0.068 χ^2/NDF: 17.6/18

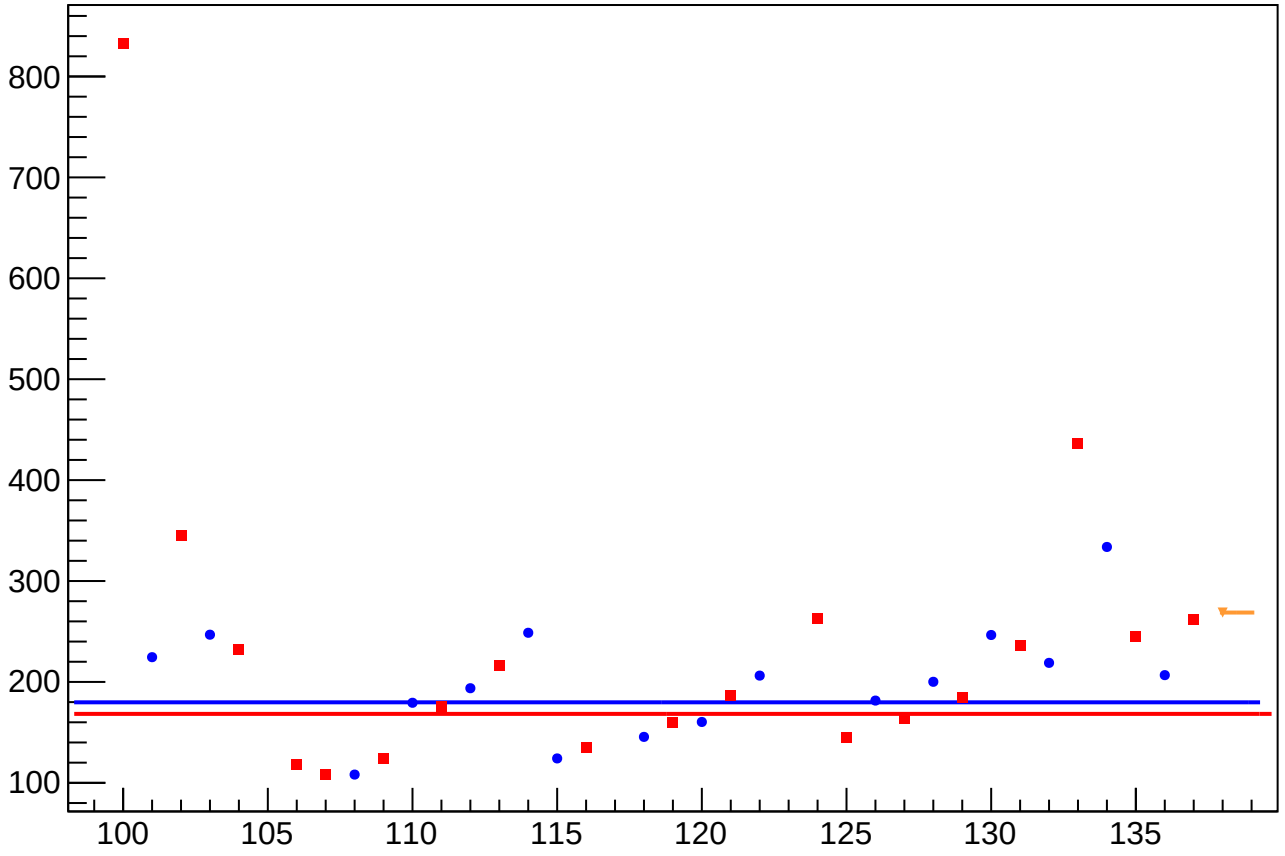
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.019+/-0.069 χ^2/NDF: 11.8/16

All: 0.057+/-0.048 χ^2/NDF: 30.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 179.796+/-0.050 χ^2/NDF: 918536.0/15

Left Out: 268.763+/-0.222 χ^2/NDF:0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF: 1409290.2/18

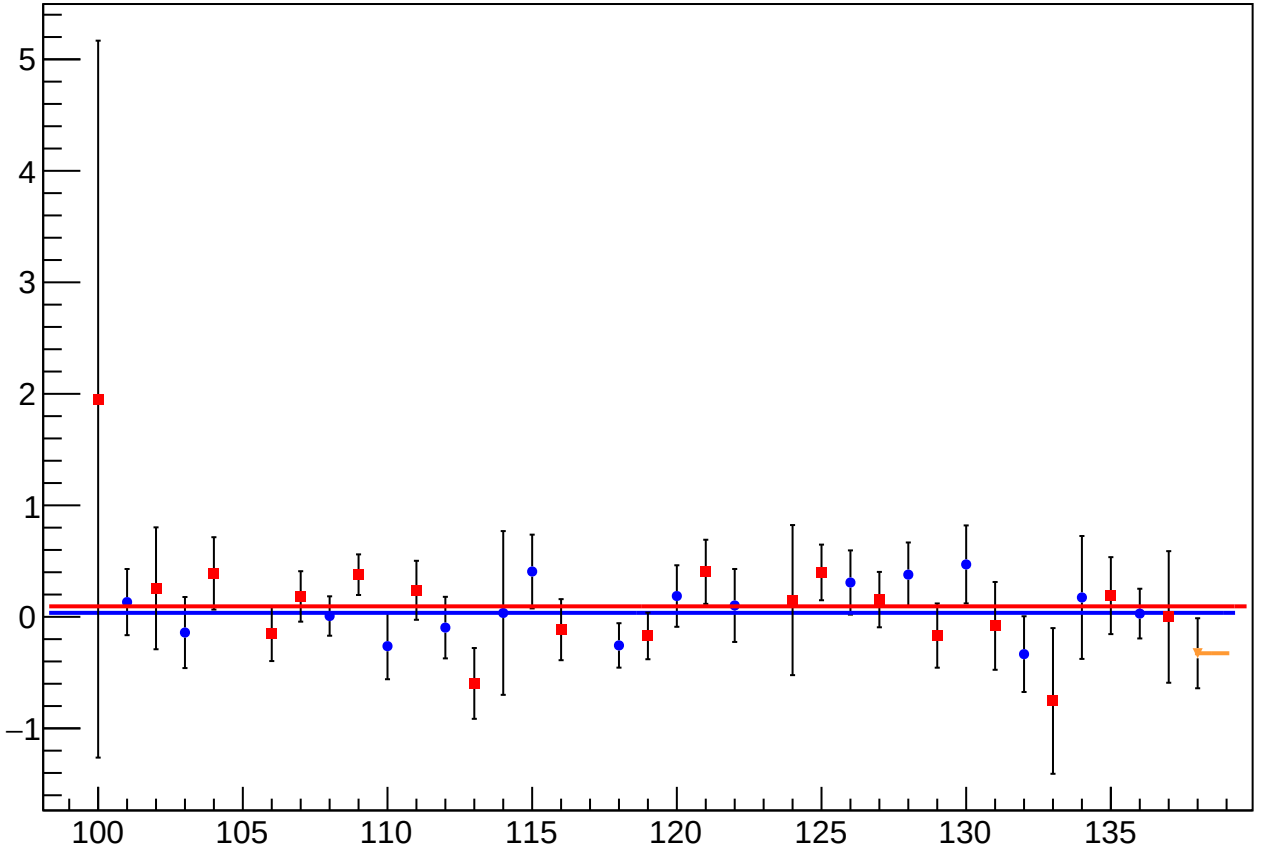
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 184.074+/-0.049 χ^2/NDF: 1071367.1/16

All: 176.063+/-0.034 χ^2/NDF: 2533847.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.036+/-0.071 χ^2/NDF: 10.5/15

Left Out: -0.326+/-0.314 χ^2/NDF:0.0/0

Right Out: 0.094+/-0.068 χ^2/NDF: 17.6/18

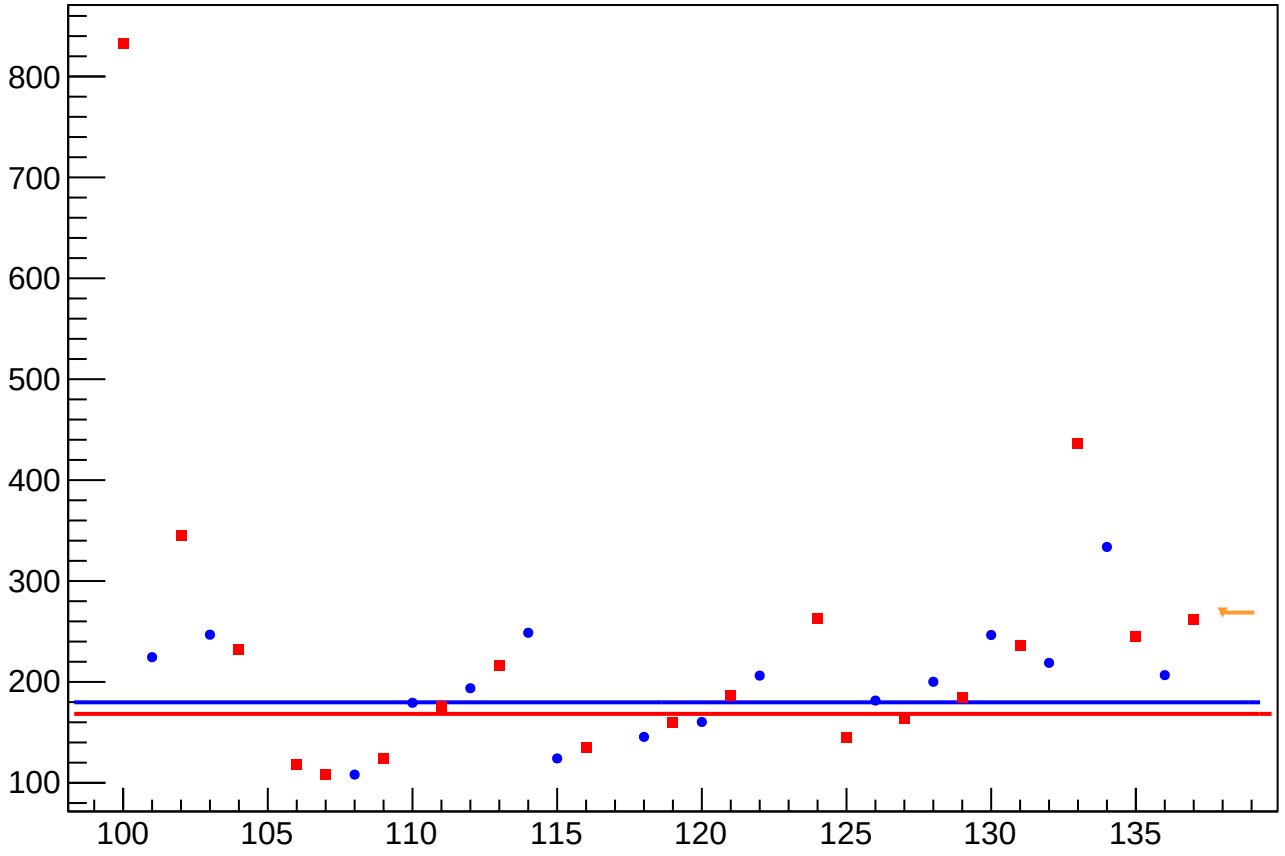
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.069 χ^2/NDF: 11.8/16

All: 0.057+/-0.048 χ^2/NDF: 30.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 179.796+/-0.050 χ^2/NDF: 918536.0/15

Left Out: 268.763+/-0.222 χ^2/NDF:0.0/0

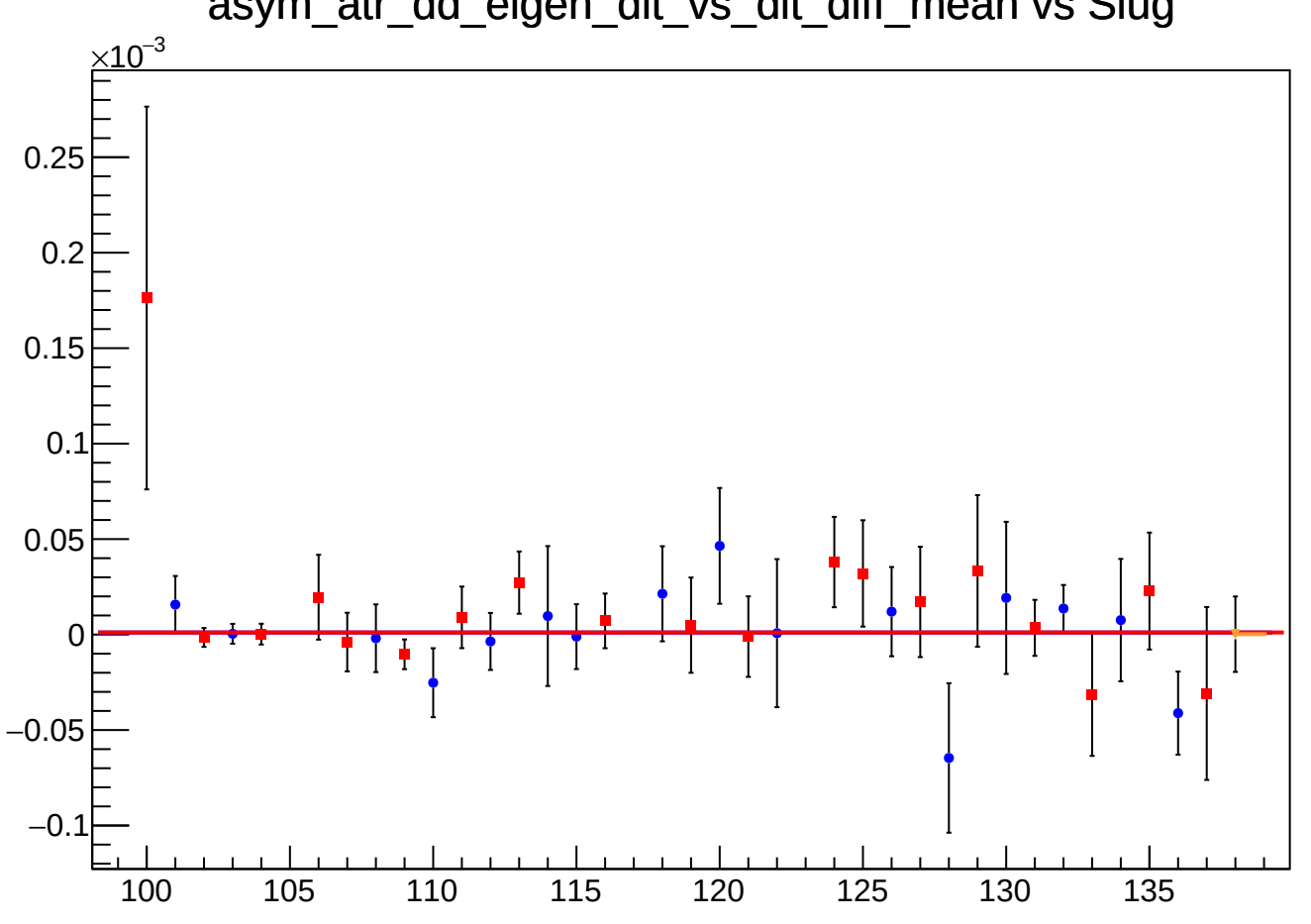
Right Out: 168.334+/-0.048 χ^2/NDF: 1409290.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 184.074+/-0.049 χ^2/NDF: 1071367.1/16

All: 176.063+/-0.034 χ^2/NDF: 2533847.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

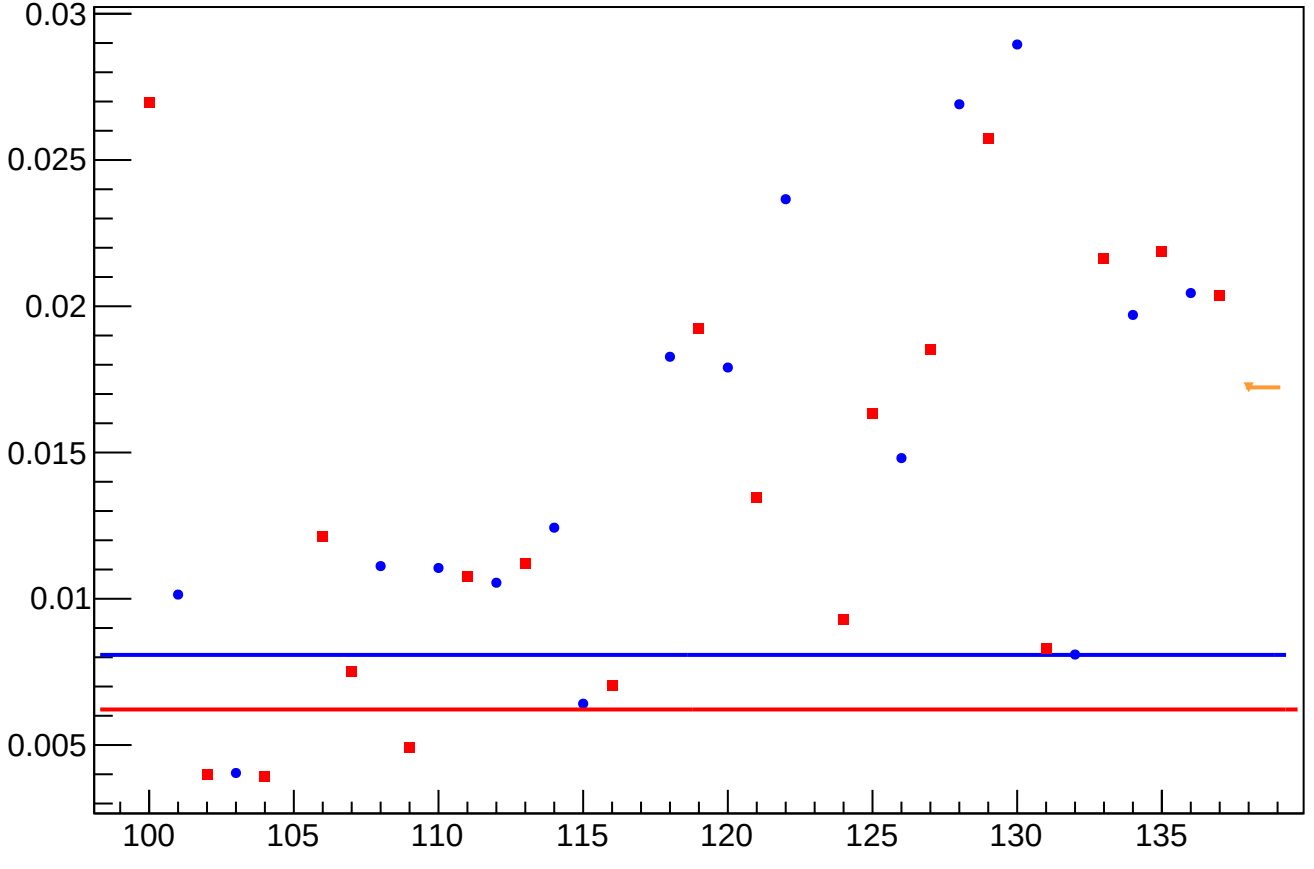
Right Out: 0.000+/-0.000 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 14.3/16

All: 0.000+/-0.000 χ^2/NDF: 30.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.000 χ^2/NDF: 4413462.8/15

Left Out: 0.017+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF: 4560988.3/18

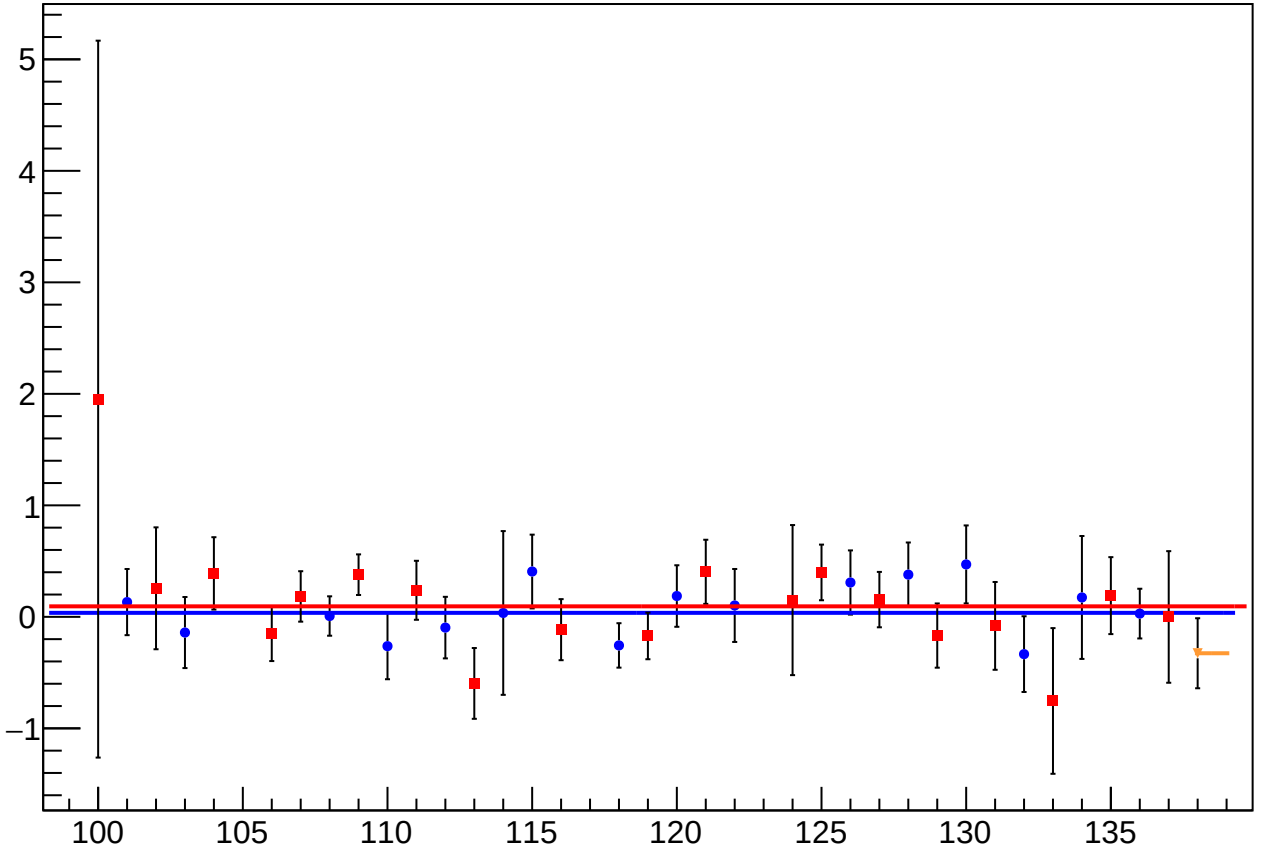
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 4827440.8/16

All: 0.007+/-0.000 χ^2/NDF: 9834884.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.036+/-0.071 χ^2/NDF: 10.5/15

Left Out: -0.326+/-0.314 χ^2/NDF:0.0/0

Right Out: 0.094+/-0.068 χ^2/NDF: 17.6/18

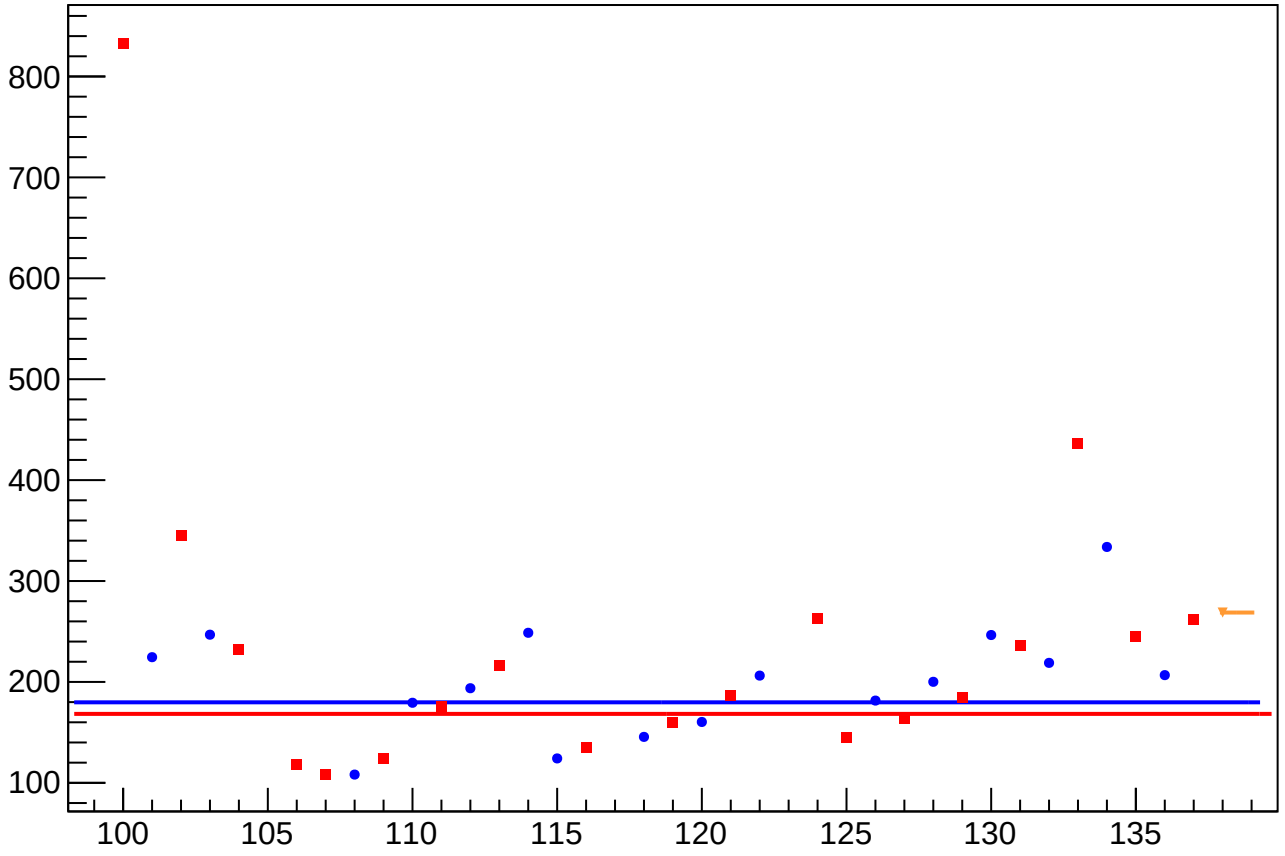
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.069 χ^2/NDF: 11.8/16

All: 0.057+/-0.048 χ^2/NDF: 30.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 179.793+/-0.050 χ^2/NDF: 918583.7/15

Left Out: 268.768+/-0.222 χ^2/NDF:0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF: 1409289.2/18

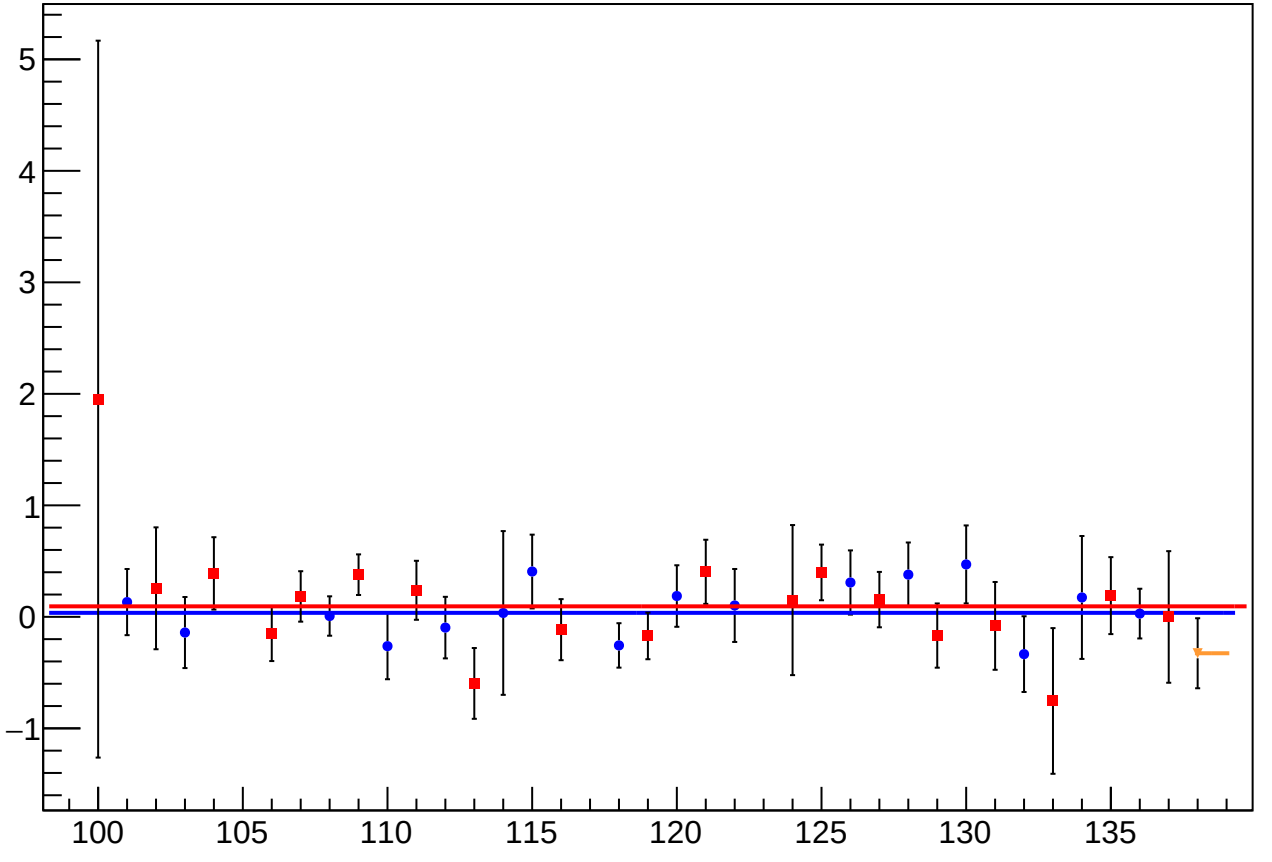
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 184.072+/-0.049 χ^2/NDF: 1071435.5/16

All: 176.061+/-0.034 χ^2/NDF: 2533900.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.036+/-0.071 χ^2/NDF: 10.5/15

Left Out: -0.326+/-0.314 χ^2/NDF:0.0/0

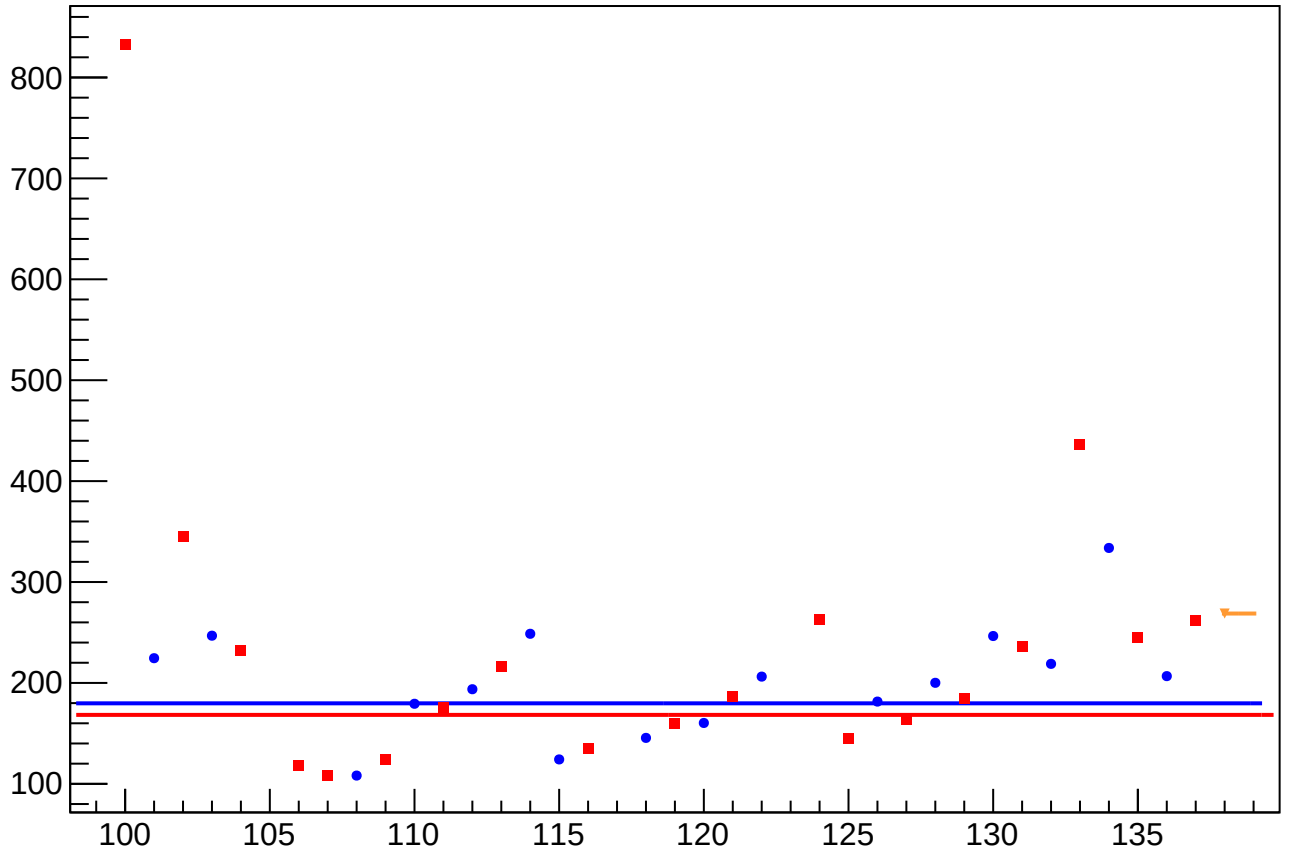
Right Out: 0.094+/-0.068 χ^2/NDF: 17.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.069 χ^2/NDF: 11.8/16

All: 0.057+/-0.048 χ^2/NDF: 30.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 179.793+/-0.050 χ^2/NDF: 918583.7/15

Left Out: 268.768+/-0.222 χ^2/NDF:0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF: 1409289.2/18

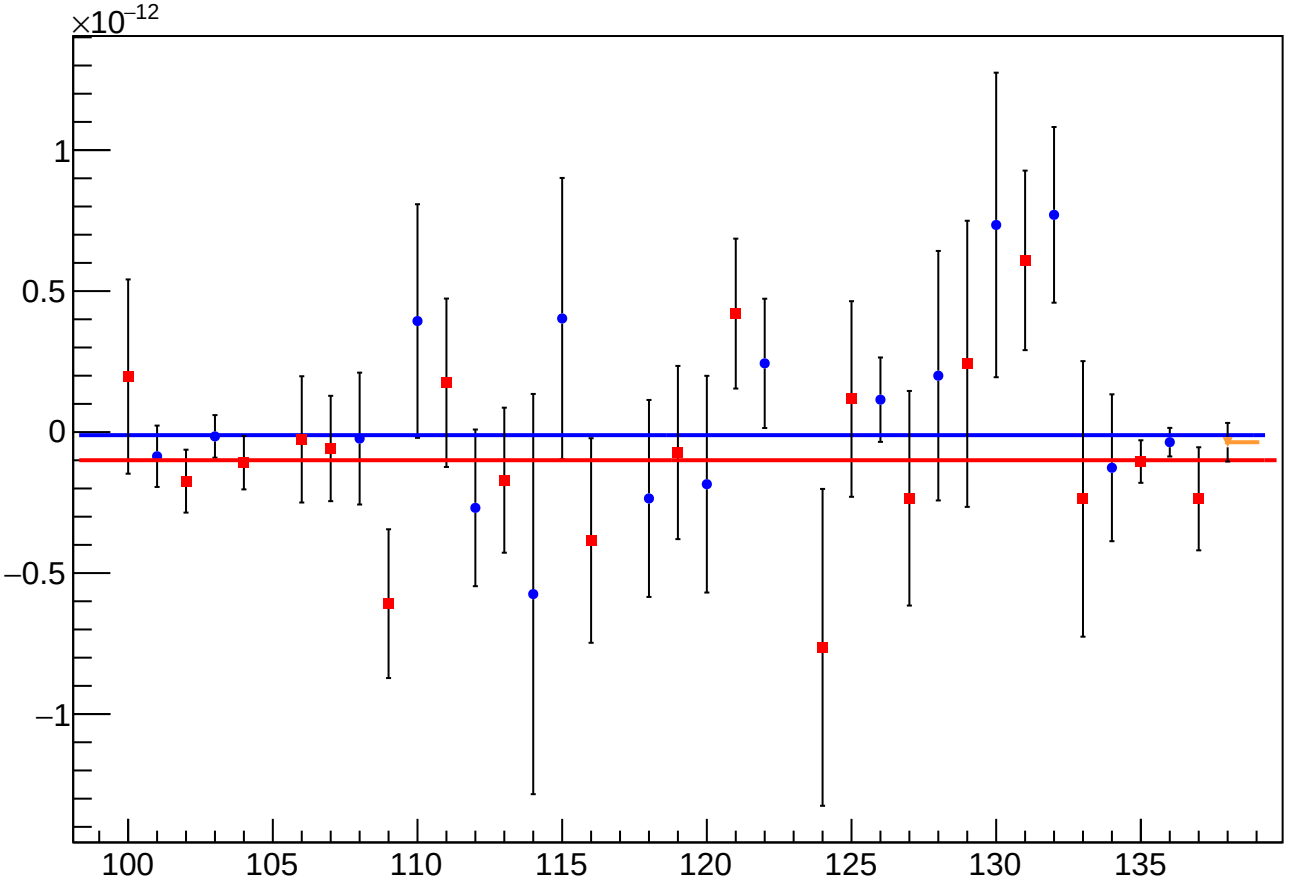
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 184.072+/-0.049 χ^2/NDF: 1071435.5/16

All: 176.061+/-0.034 χ^2/NDF: 2533900.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 15.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

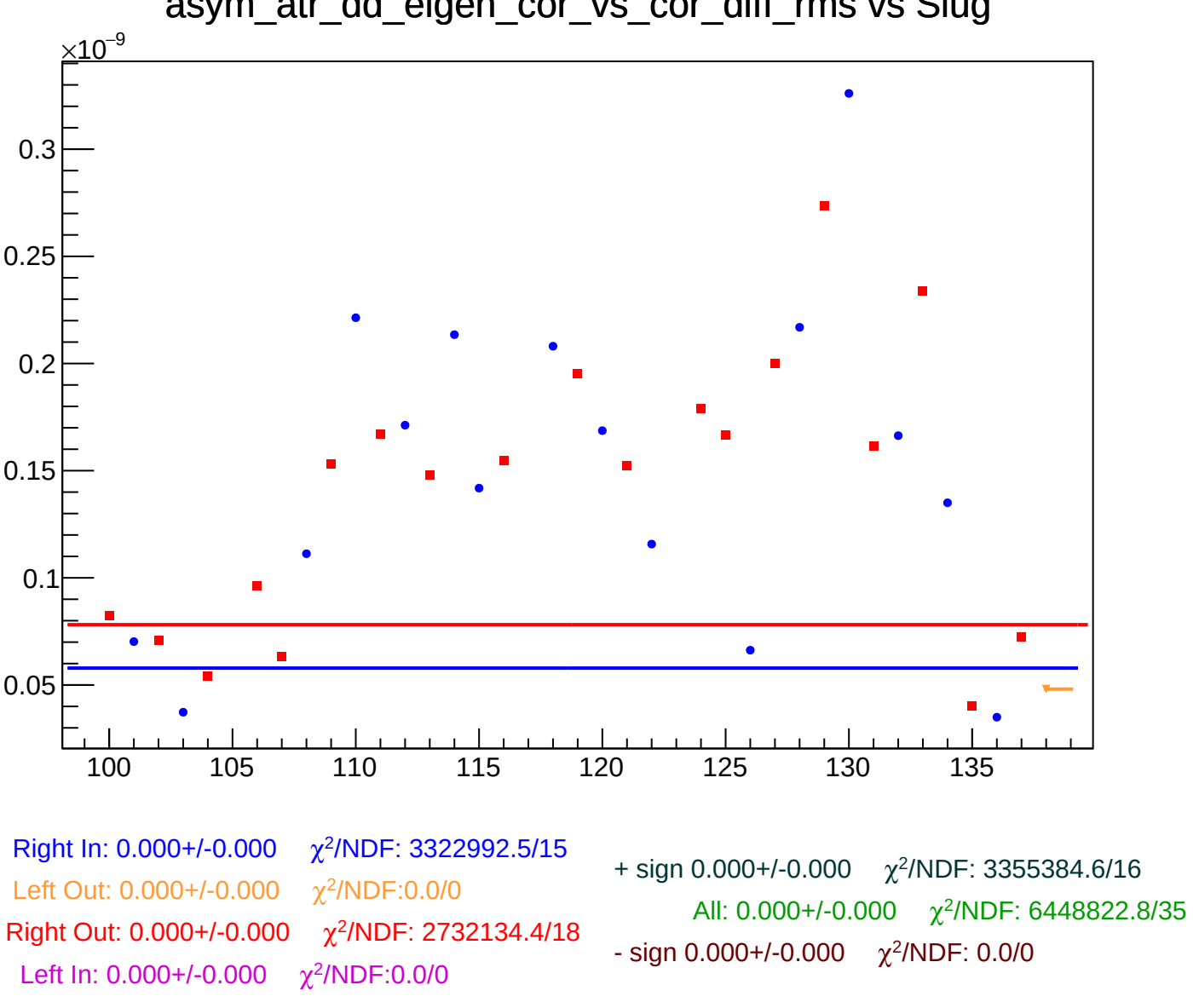
Right Out: -0.000+/-0.000 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

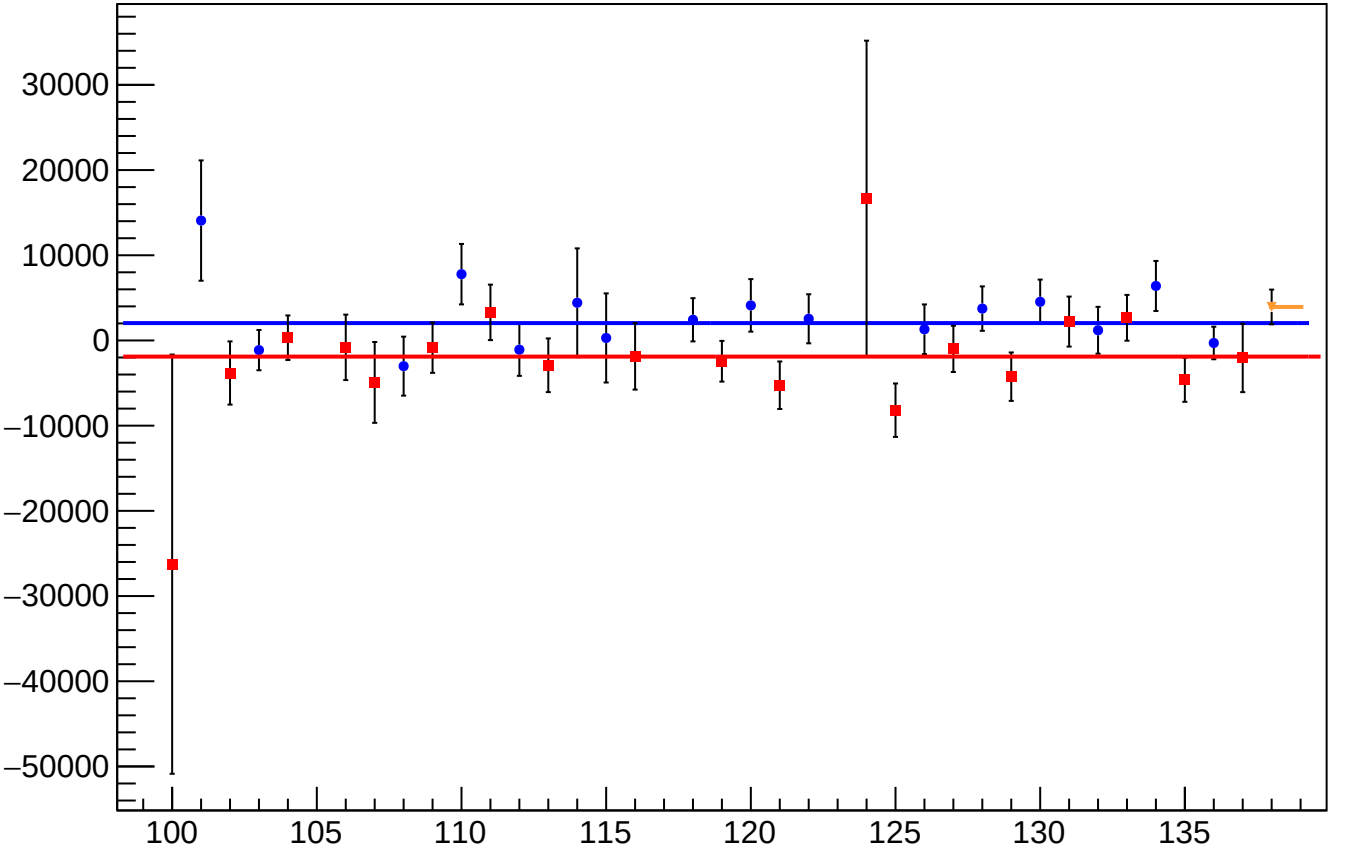
+ sign -0.000+/-0.000 χ^2/NDF: 15.1/16

All: -0.000+/-0.000 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.3
0.25
0.2
0.15
0.1
0.05
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 3322992.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2732134.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3355384.6/16
All: 0.000+/-0.000 χ²/NDF: 6448822.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: 2039.211+/-736.211 χ^2/NDF: 16.4/15

Left Out: 3932.972+/-2038.300 χ^2/NDF:0.0/0

Right Out: -1895.242+/-736.762 χ^2/NDF: 18.5/18

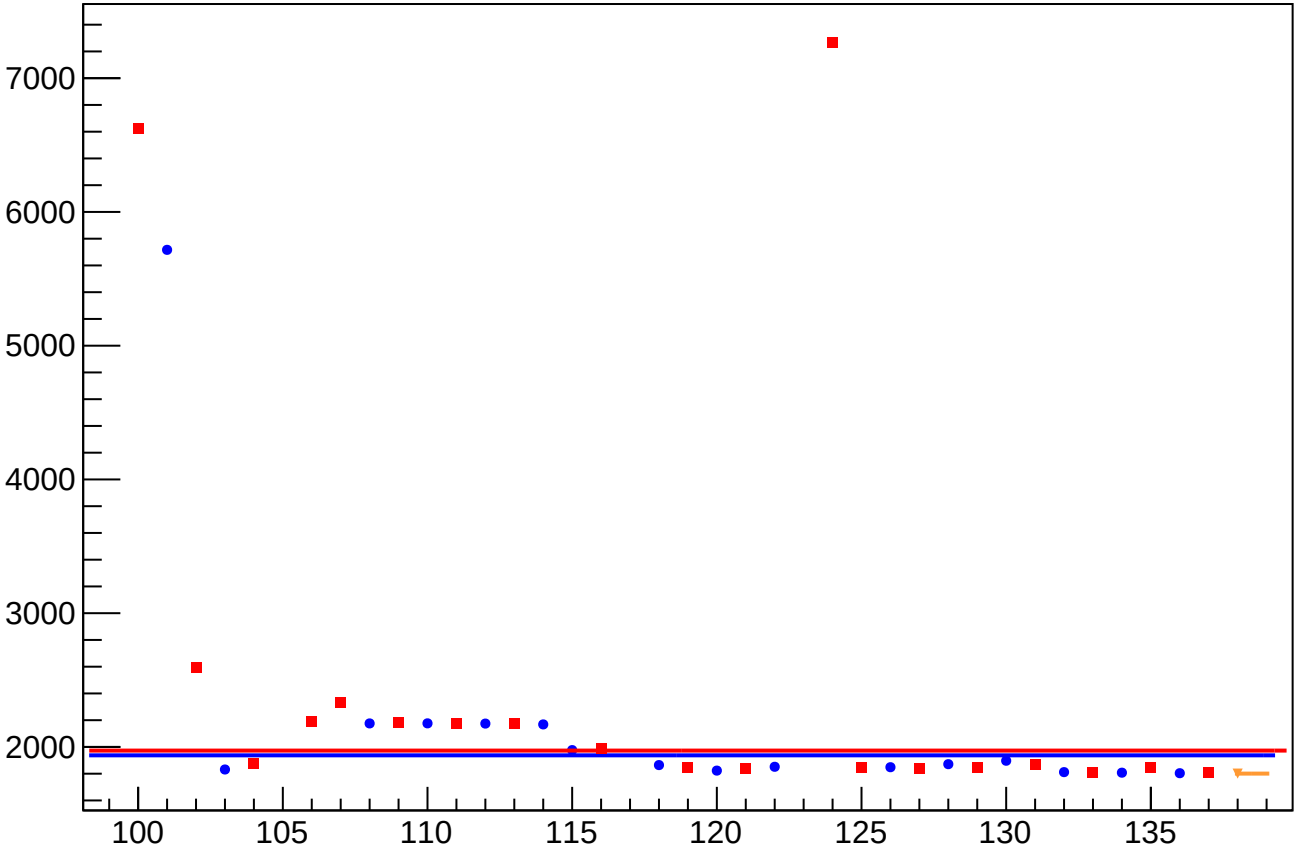
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2257.756+/-692.429 χ^2/NDF: 17.2/16

All: 309.956+/-504.566 χ^2/NDF: 52.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 1937.251+/-0.521 χ^2/NDF: 638092.5/15

Left Out: 1800.638+/-1.441 χ^2/NDF:0.0/0

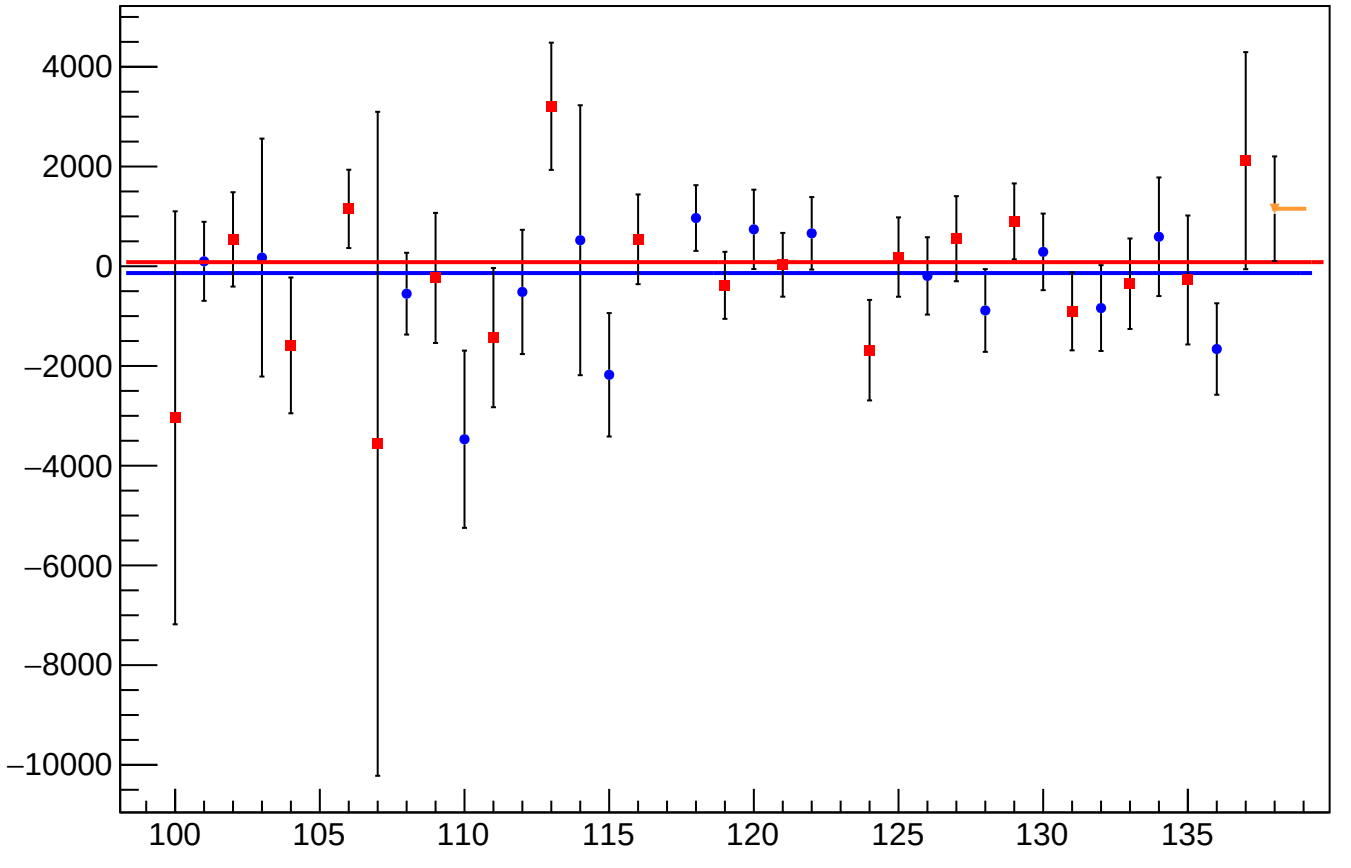
Right Out: 1972.760+/-0.521 χ^2/NDF: 377537.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1921.486+/-0.490 χ^2/NDF: 646039.9/16

All: 1945.534+/-0.357 χ^2/NDF: 1028720.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -136.643+/-230.431 χ^2/NDF: 16.9/15

Left Out: 1153.785+/-1049.048 χ^2/NDF:0.0/0

Right Out: 82.296+/-222.019 χ^2/NDF: 19.7/18

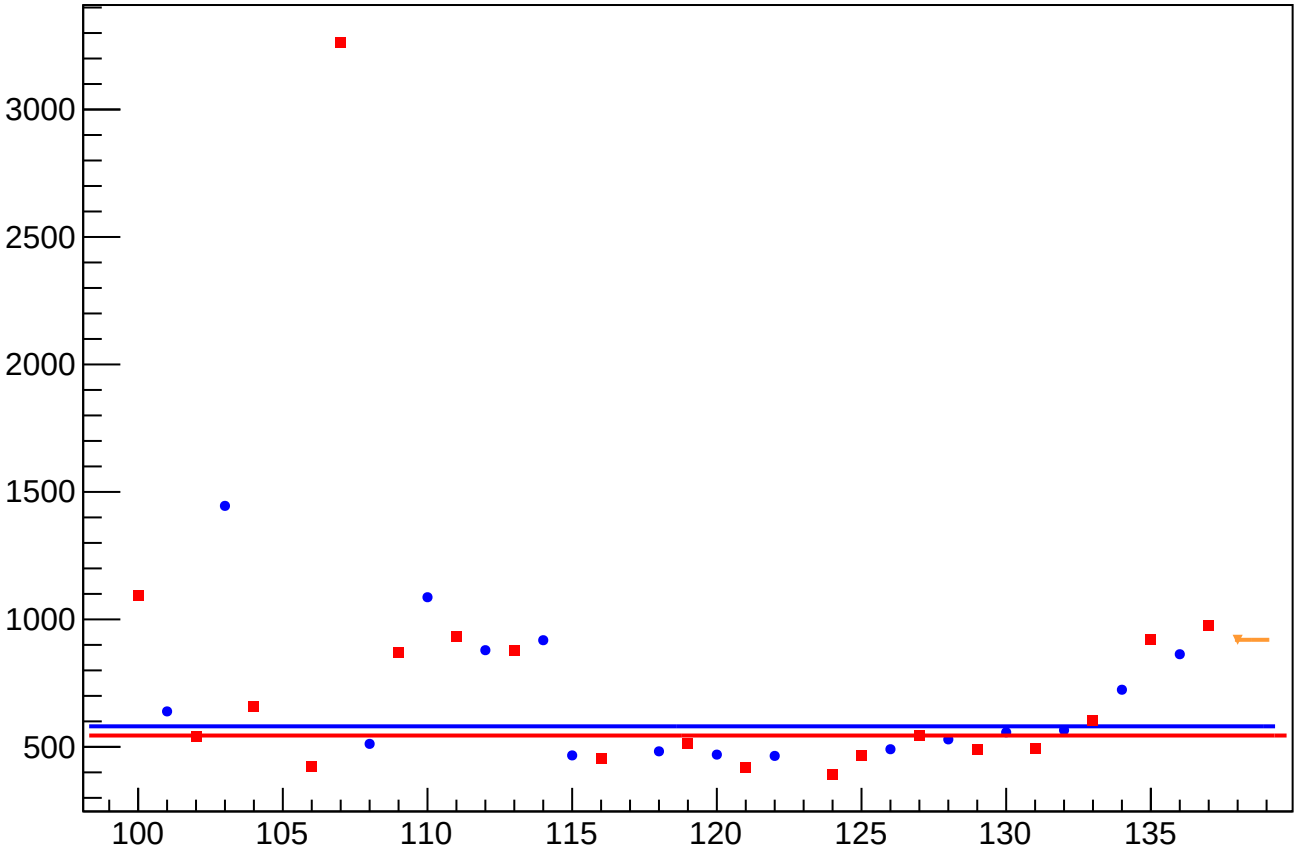
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -77.247+/-225.065 χ^2/NDF: 18.3/16

All: 3.612+/-158.057 χ^2/NDF: 38.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 580.611+/-0.163 χ^2/NDF: 1003410.8/15

Left Out: 919.983+/-0.742 χ^2/NDF:0.0/0

Right Out: 544.530+/-0.157 χ^2/NDF: 1287643.0/18

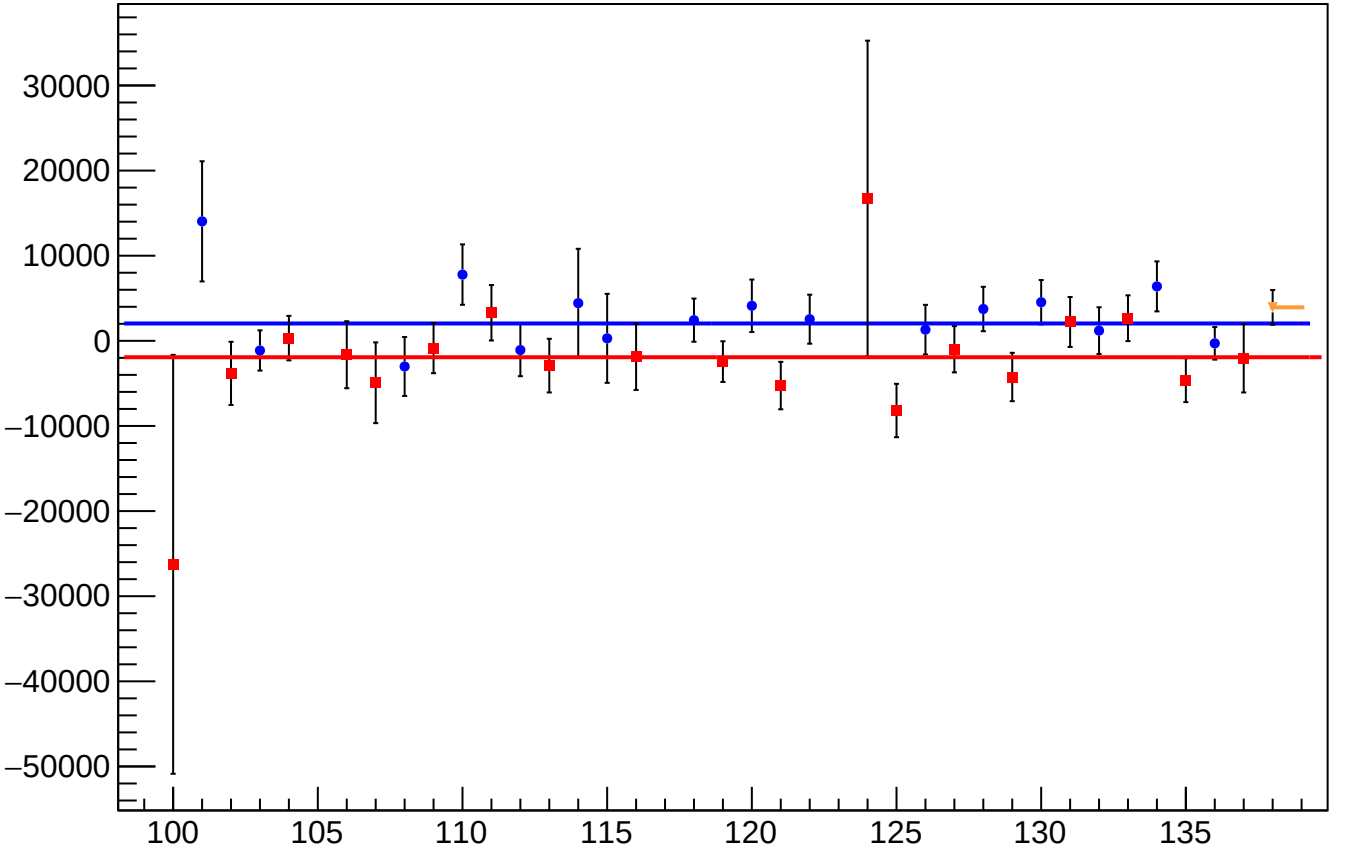
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 596.231+/-0.159 χ^2/NDF: 1203088.0/16

All: 570.029+/-0.112 χ^2/NDF: 2544219.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: 2038.842+/-736.211 χ^2/NDF: 16.4/15

Left Out: 3932.986+/-2038.301 χ^2/NDF:0.0/0

Right Out: -1926.264+/-737.411 χ^2/NDF: 18.4/18

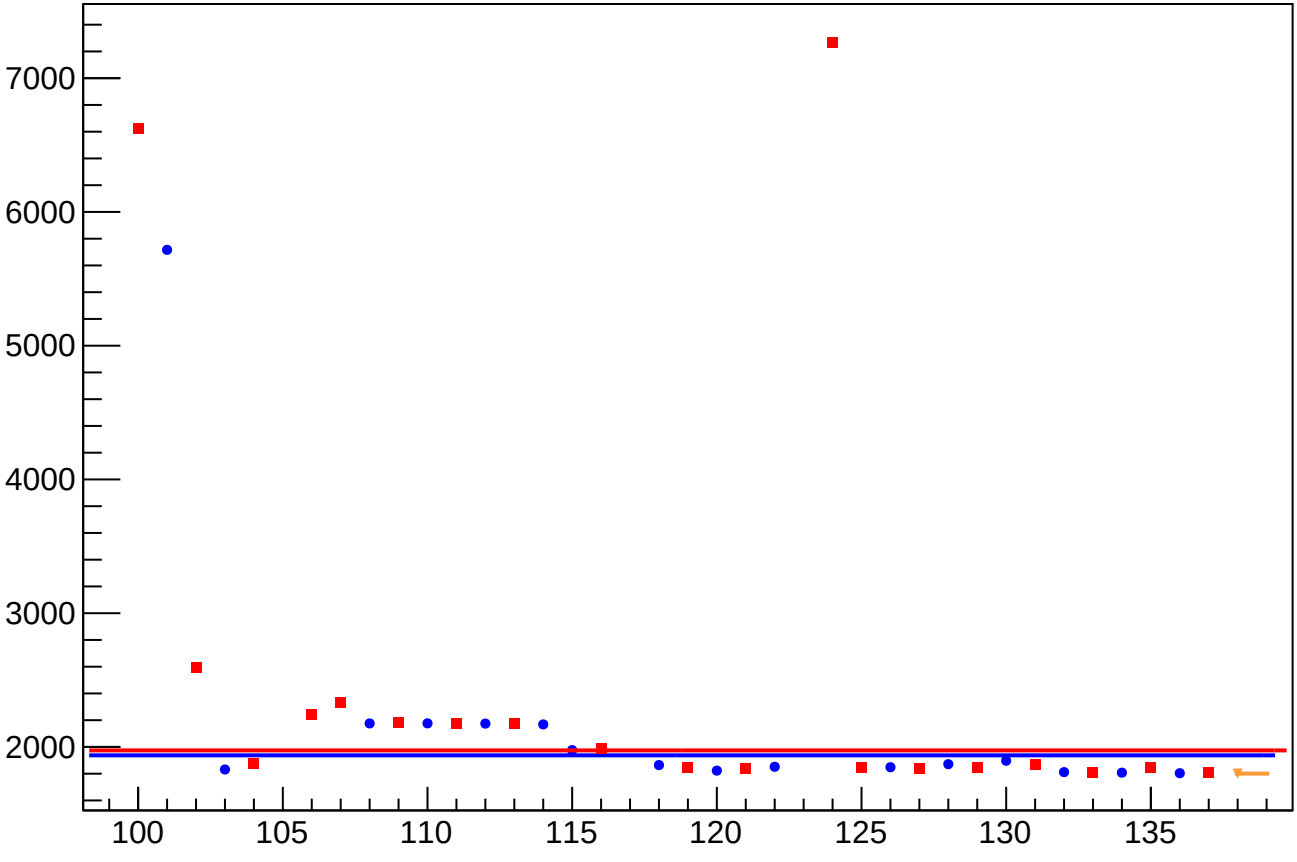
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2257.430+/-692.429 χ^2/NDF: 17.2/16

All: 297.068+/-504.775 χ^2/NDF: 52.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 1937.251+/-0.521 χ^2/NDF: 638092.5/15

Left Out: 1800.638+/-1.441 χ^2/NDF:0.0/0

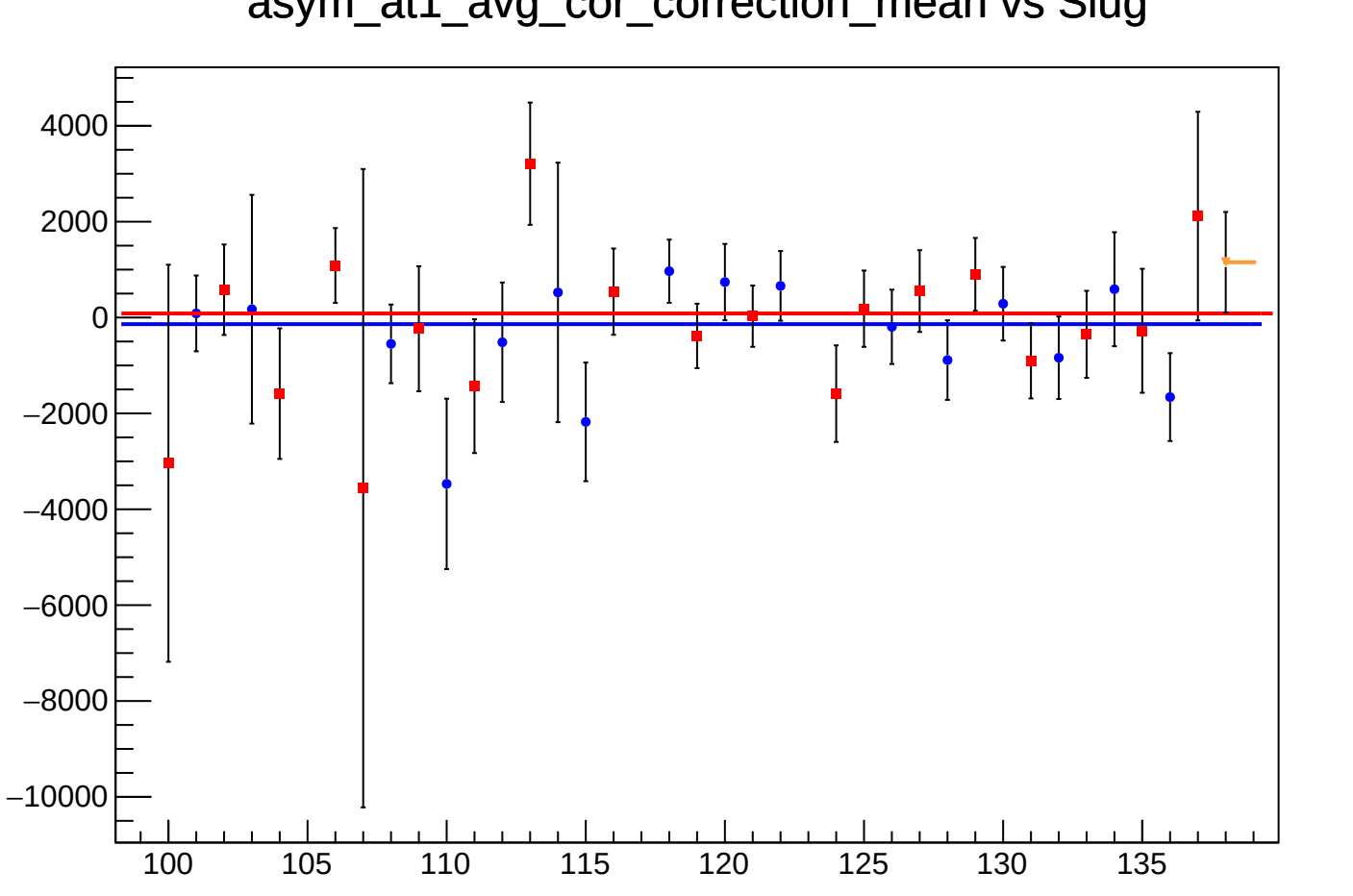
Right Out: 1974.155+/-0.521 χ^2/NDF: 380430.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1921.486+/-0.490 χ^2/NDF: 646040.0/16

All: 1946.165+/-0.357 χ^2/NDF: 1031892.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -137.491+/-230.382 χ^2/NDF: 16.9/15

Left Out: 1153.743+/-1049.050 χ^2/NDF:0.0/0

Right Out: 84.947+/-221.881 χ^2/NDF: 19.3/18

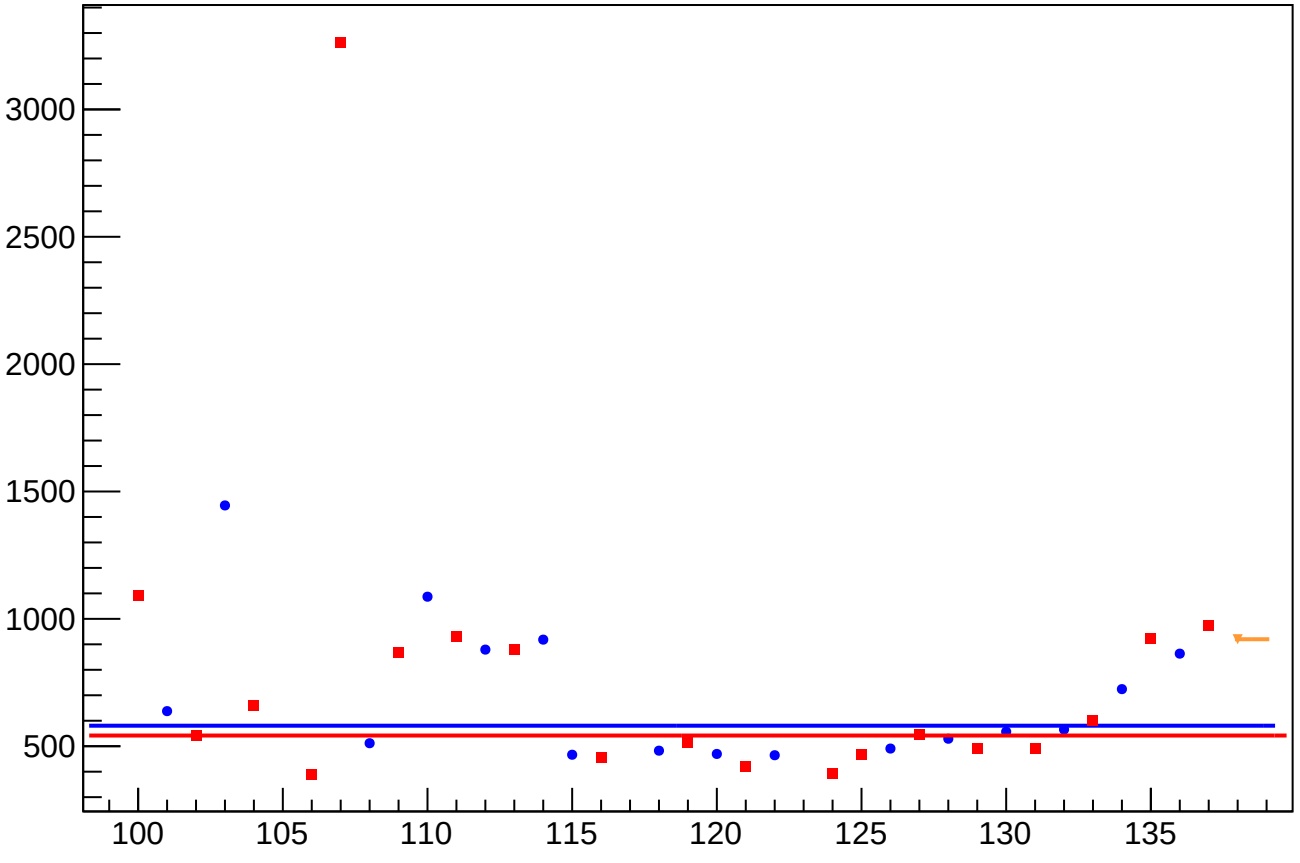
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -78.082+/-225.020 χ^2/NDF: 18.3/16

All: 4.578+/-157.991 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



Right In: 580.519+/-0.163 χ^2/NDF: 1002900.5/15

Left Out: 919.985+/-0.742 χ^2/NDF:0.0/0

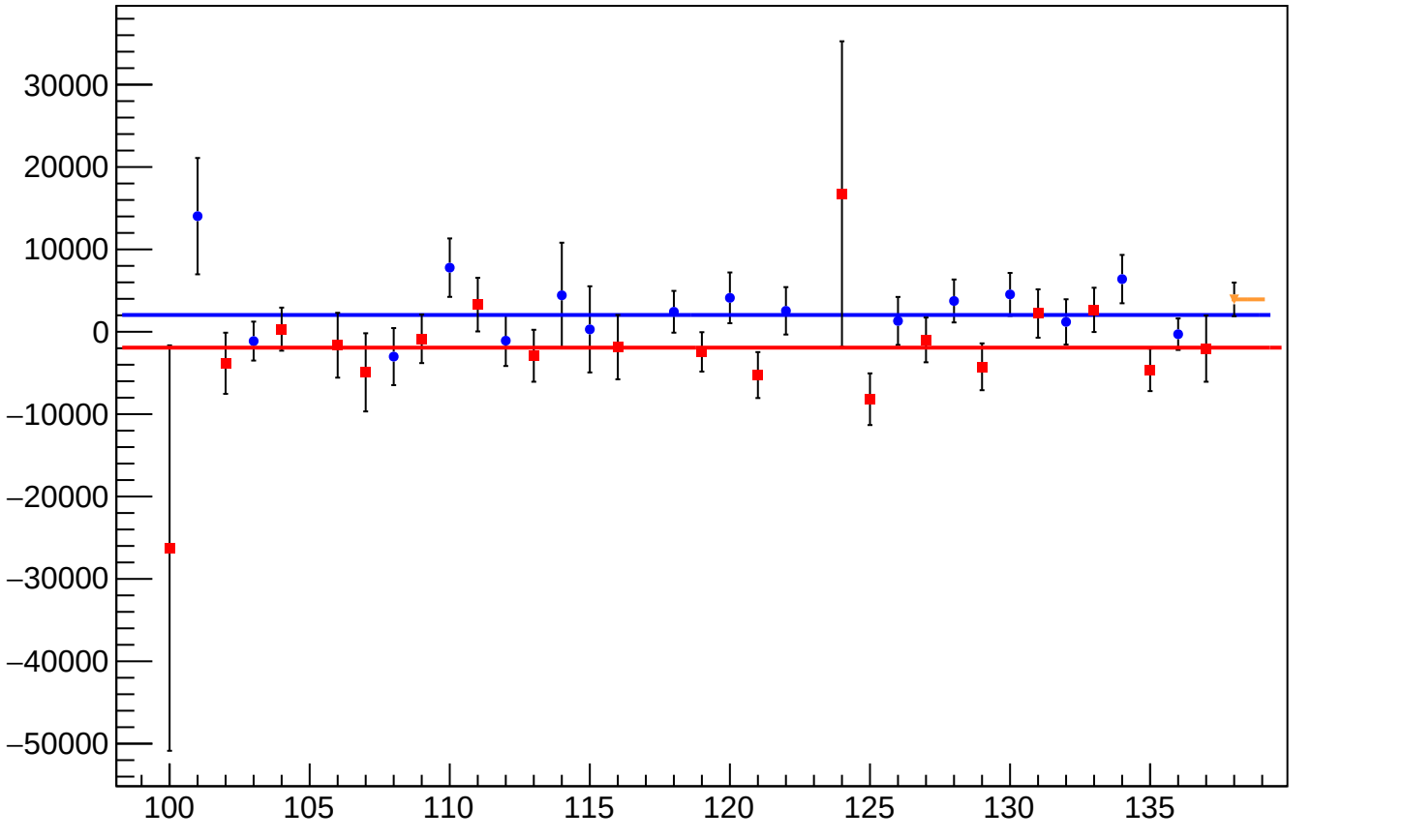
Right Out: 541.939+/-0.157 χ^2/NDF: 1318850.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 596.137+/-0.159 χ^2/NDF: 1202690.7/16

All: 568.657+/-0.112 χ^2/NDF: 2580370.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2038.842+/-736.211 χ^2/NDF: 16.4/15

Left Out: 3932.986+/-2038.301 χ^2/NDF:0.0/0

Right Out: -1926.264+/-737.411 χ^2/NDF: 18.4/18

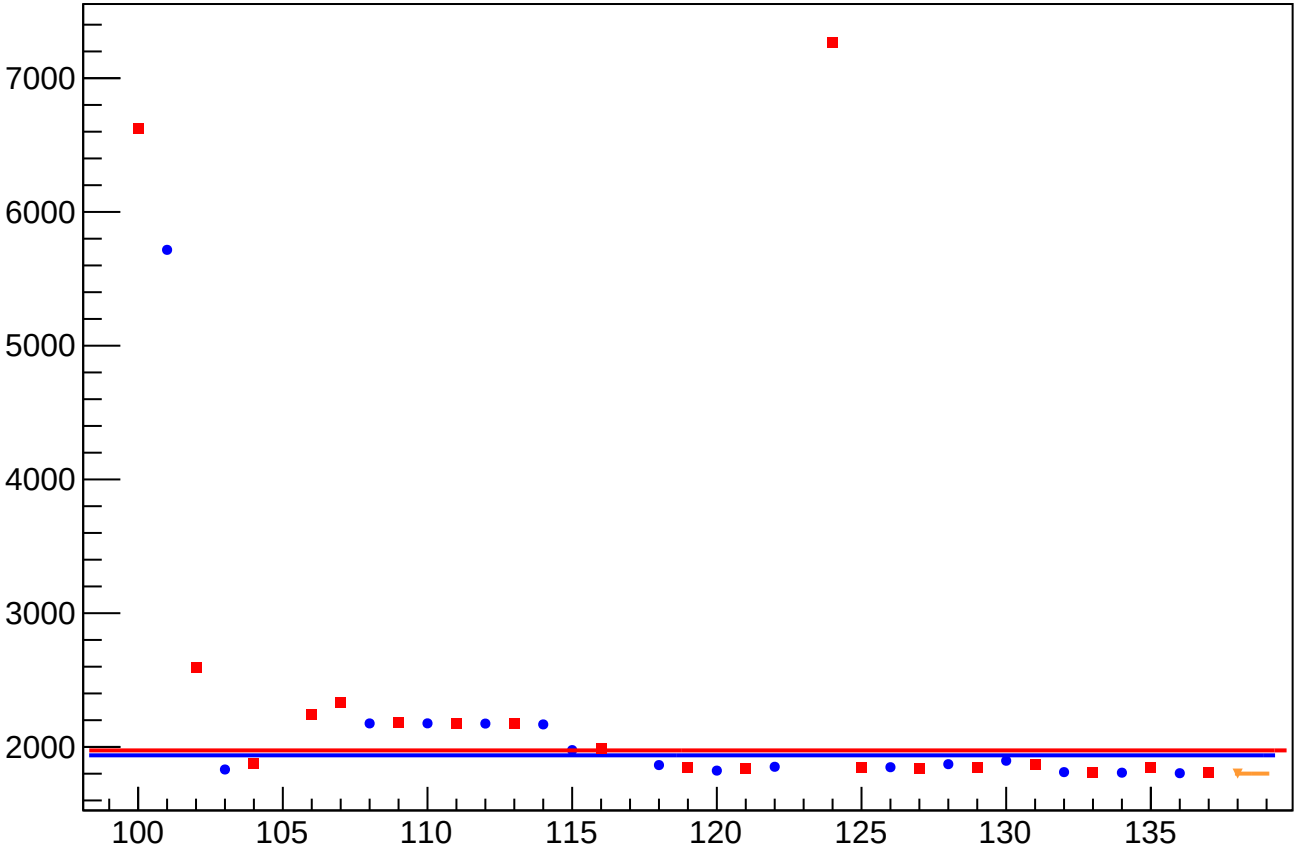
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2257.430+/-692.429 χ^2/NDF: 17.2/16

All: 297.068+/-504.775 χ^2/NDF: 52.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 1937.251+/-0.521 χ^2/NDF: 638092.5/15

Left Out: 1800.638+/-1.441 χ^2/NDF:0.0/0

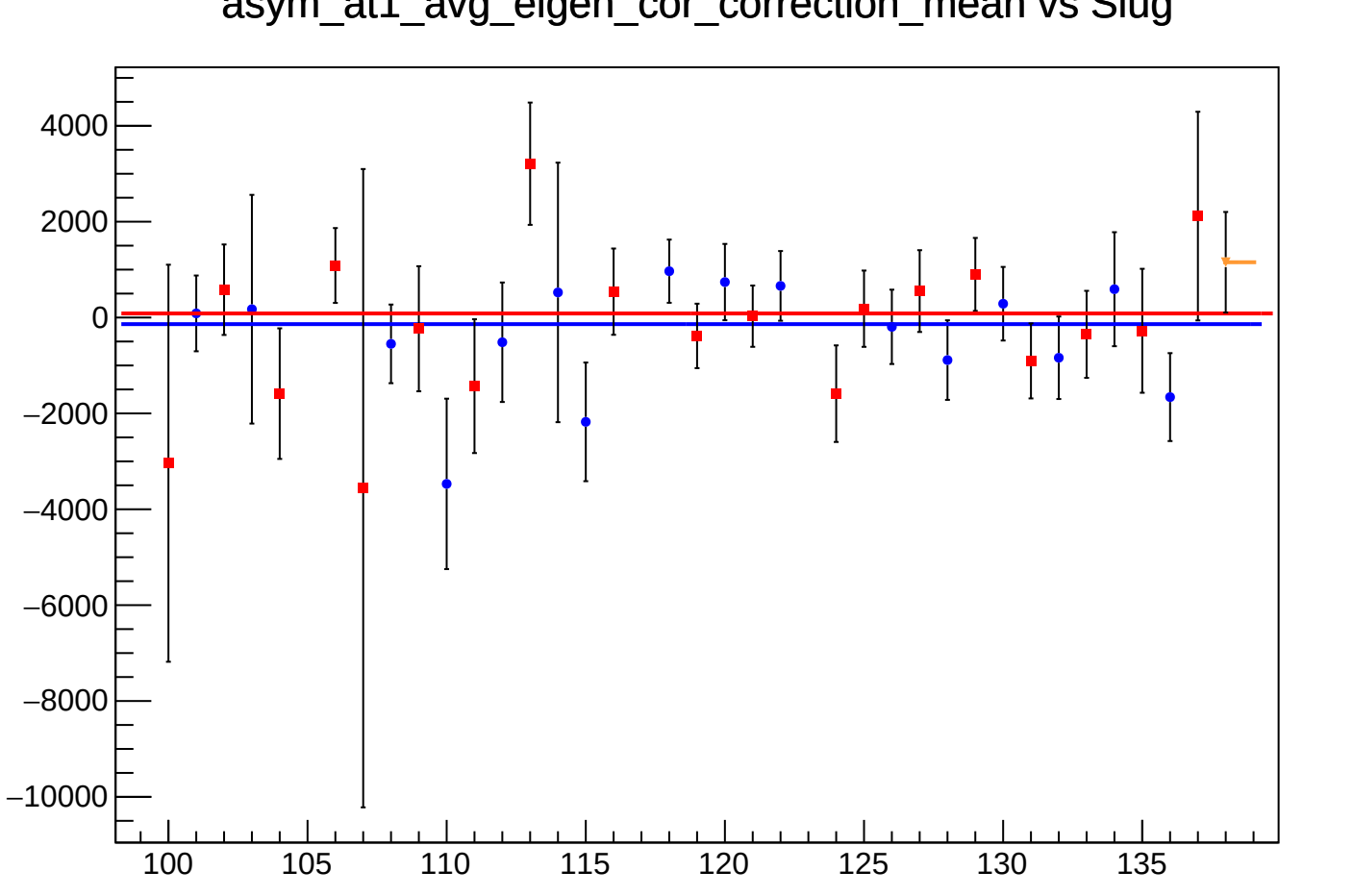
Right Out: 1974.155+/-0.521 χ^2/NDF: 380430.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

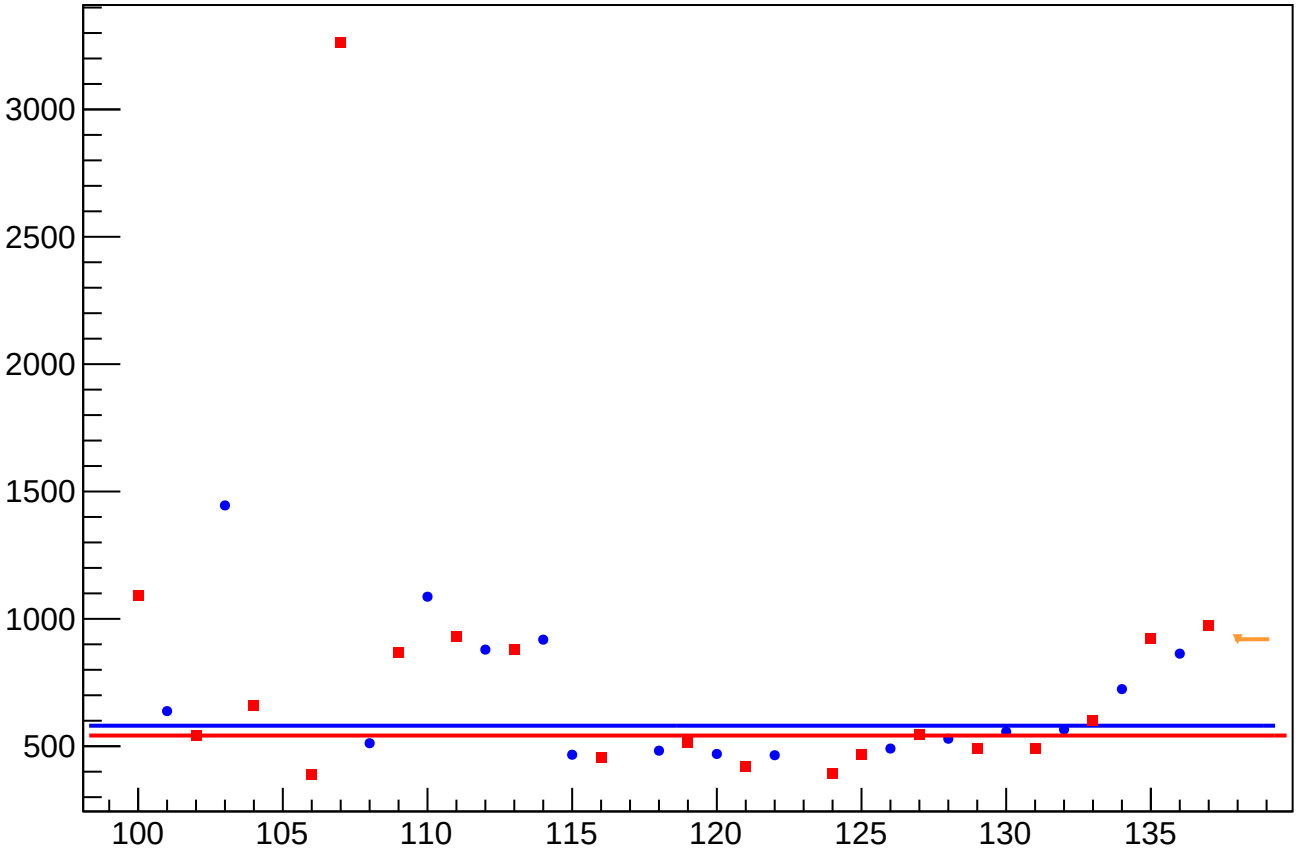
+ sign 1921.486+/-0.490 χ^2/NDF: 646040.0/16

All: 1946.165+/-0.357 χ^2/NDF: 1031892.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at1_avg_eigen_cor_correction_mean vs Slug
4000
2000
0
−2000
−4000
−6000
−8000
−10000
100
105
110
115
120
125
130
135
Right In: -137.491+/-230.382 χ²/NDF: 16.9/15
Left Out: 1153.743+/-1049.050 χ²/NDF:0.0/0
Right Out: 84.947+/-221.881 χ²/NDF: 19.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -78.082+/-225.020 χ²/NDF: 18.3/16
All: 4.578+/-157.991 χ²/NDF: 37.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 580.519+/-0.163 χ^2/NDF: 1002900.5/15

Left Out: 919.985+/-0.742 χ^2/NDF:0.0/0

Right Out: 541.939+/-0.157 χ^2/NDF: 1318850.5/18

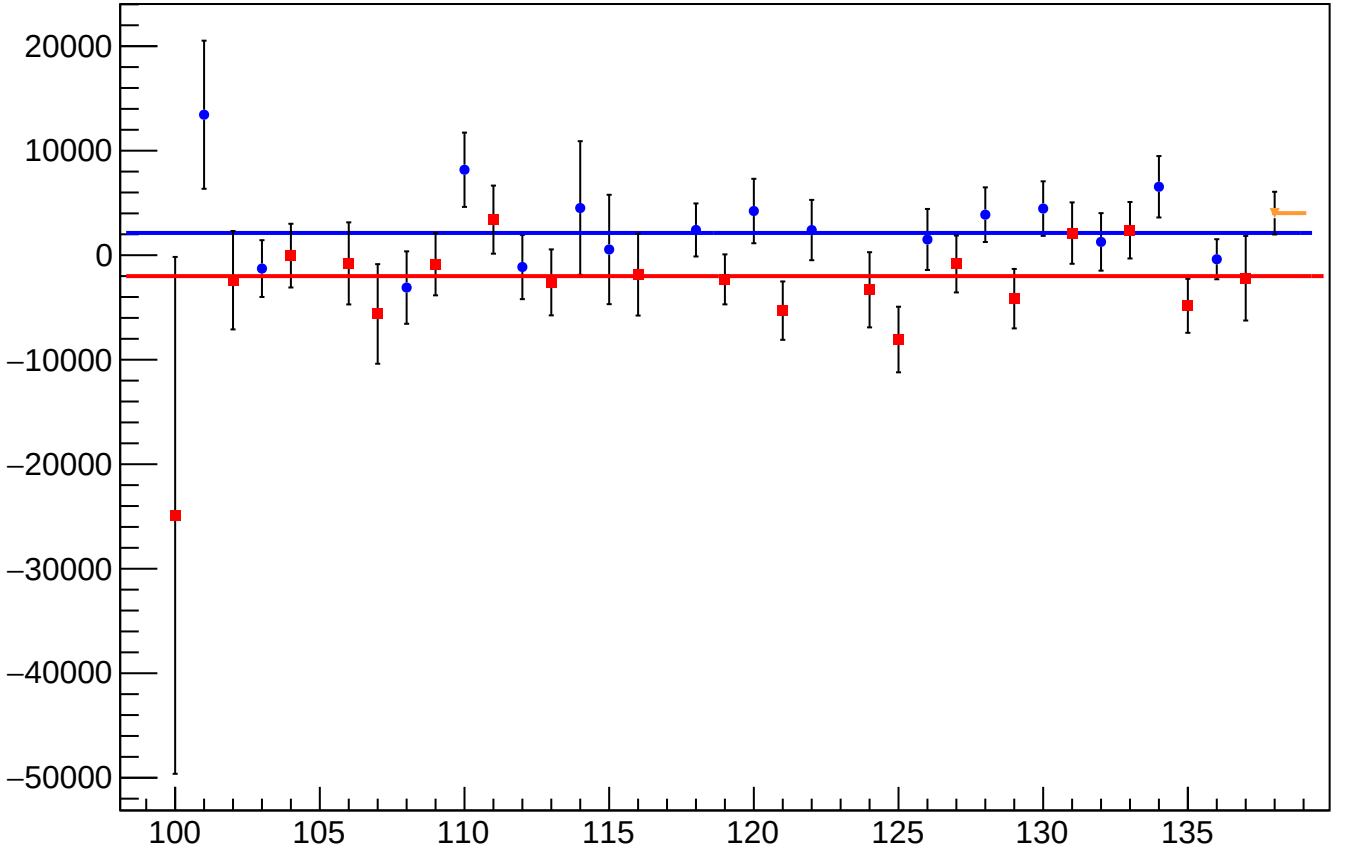
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 596.137+/-0.159 χ^2/NDF: 1202690.7/16

All: 568.657+/-0.112 χ^2/NDF: 2580370.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 2128.748+/-746.242 χ^2/NDF: 16.5/15

Left Out: 4025.273+/-2042.457 χ^2/NDF:0.0/0

Right Out: -2002.220+/-737.195 χ^2/NDF: 16.7/18

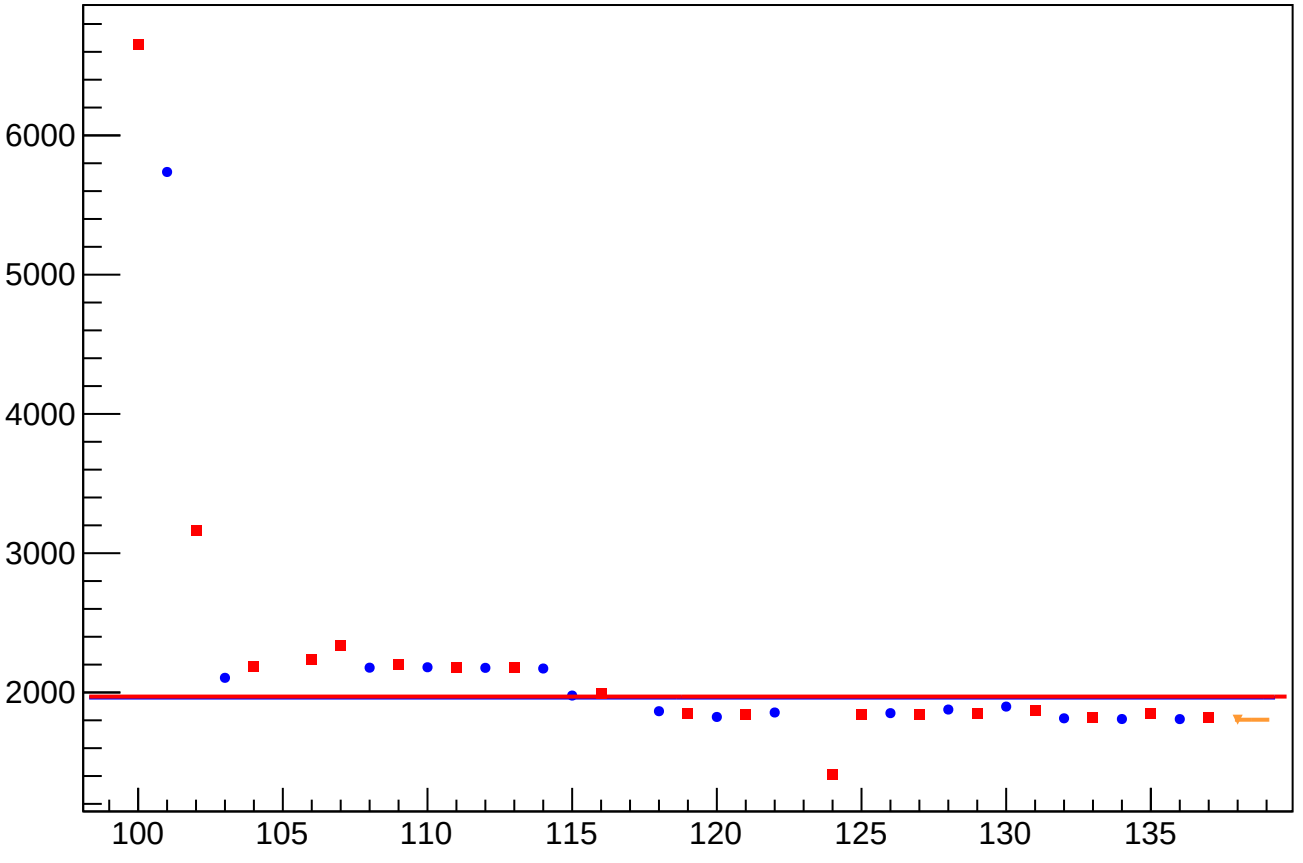
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2352.103+/-700.924 χ^2/NDF: 17.3/16

All: 284.694+/-507.967 χ^2/NDF: 52.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 1963.415+/-0.528 χ^2/NDF: 640254.1/15

Left Out: 1804.300+/-1.444 χ^2/NDF:0.0/0

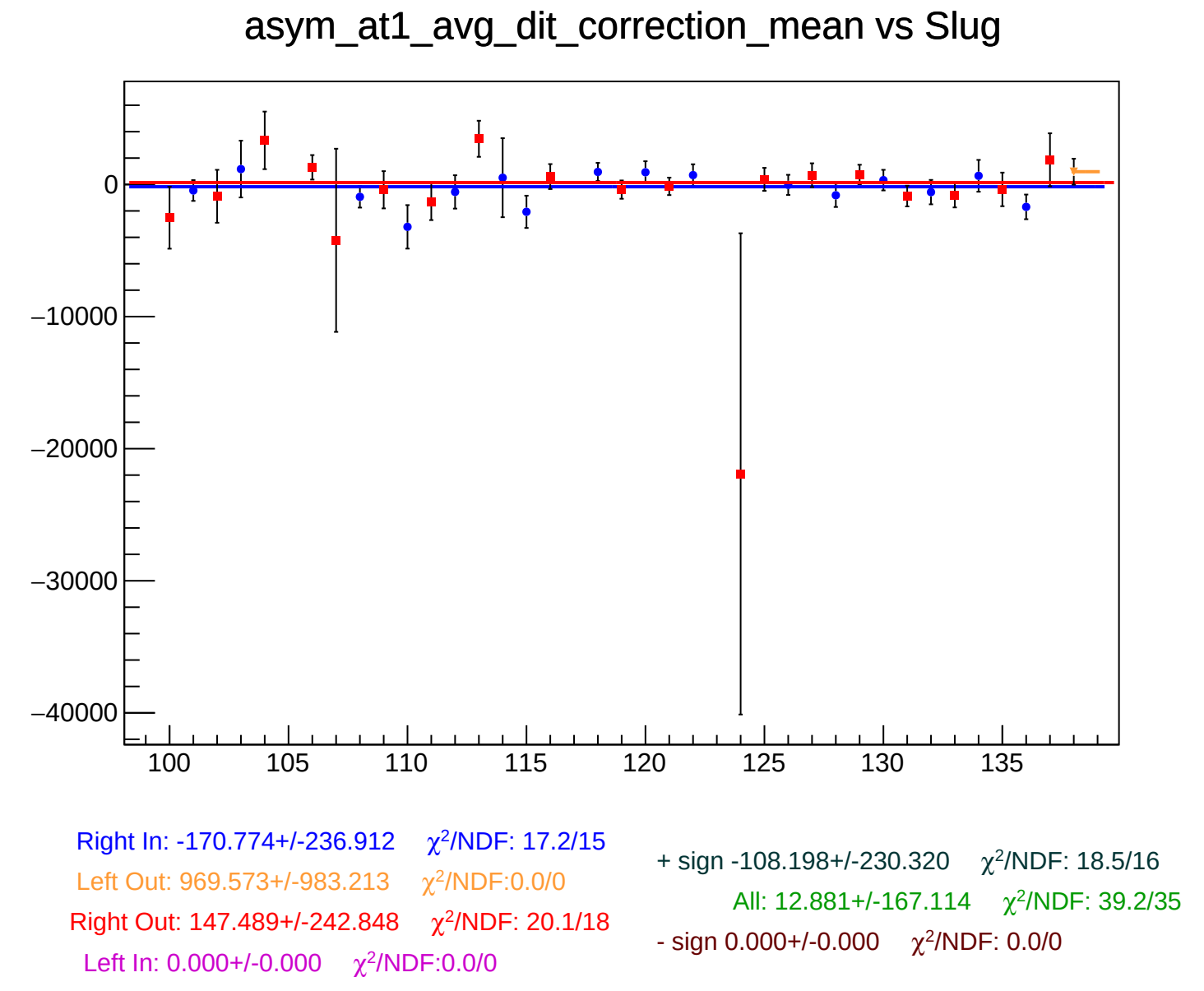
Right Out: 1970.459+/-0.521 χ^2/NDF: 345133.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

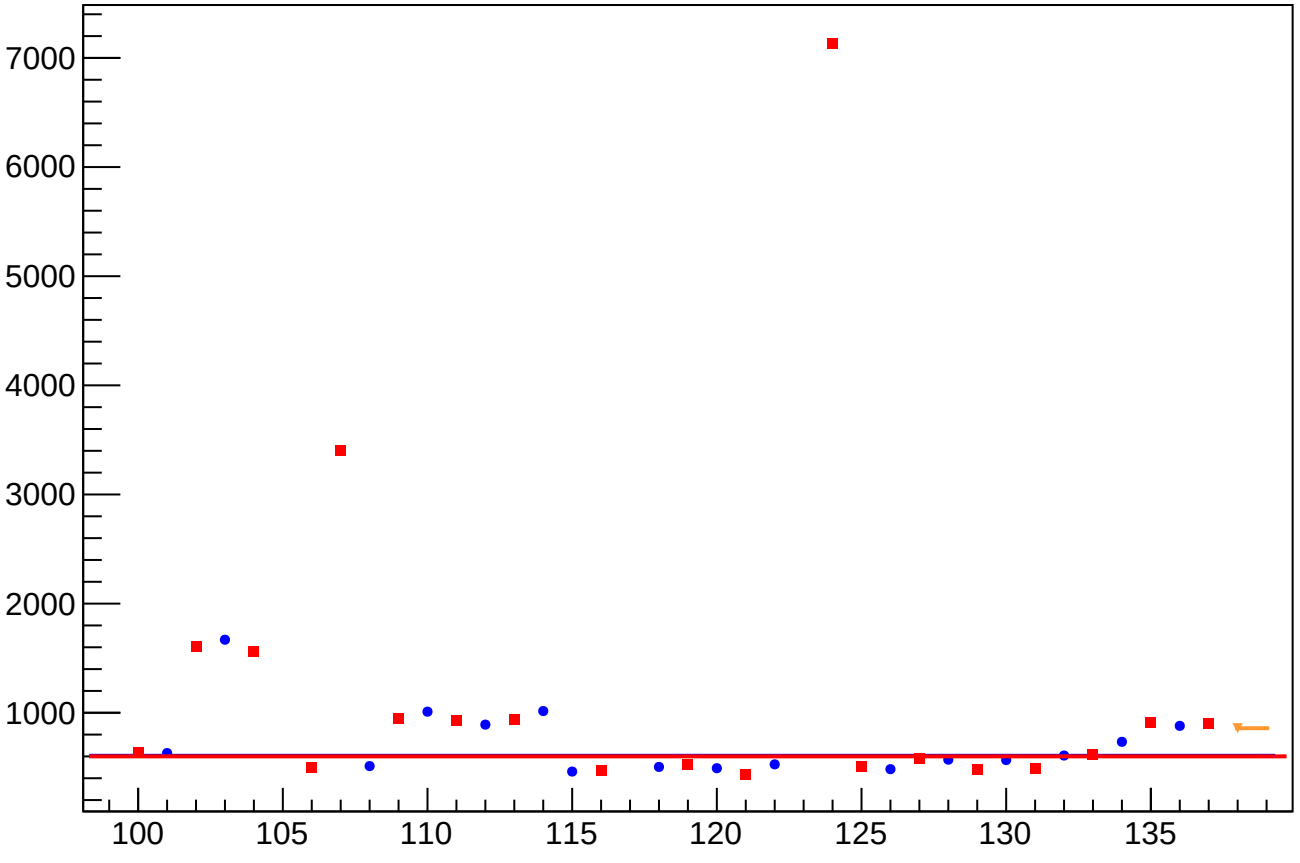
+ sign 1944.676+/-0.496 χ^2/NDF: 650962.5/16

All: 1956.918+/-0.359 χ^2/NDF: 997380.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at1_avg_dit_correction_mean vs Slug
0
−10000
−20000
−30000
−40000
100
105
110
115
120
125
130
135
Right In: -170.774+/-236.912 χ²/NDF: 17.2/15
Left Out: 969.573+/-983.213 χ²/NDF:0.0/0
Right Out: 147.489+/-242.848 χ²/NDF: 20.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -108.198+/-230.320 χ²/NDF: 18.5/16
All: 12.881+/-167.114 χ²/NDF: 39.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 605.430+/-0.168 χ^2/NDF: 1162454.5/15

Left Out: 858.372+/-0.695 χ^2/NDF:0.0/0

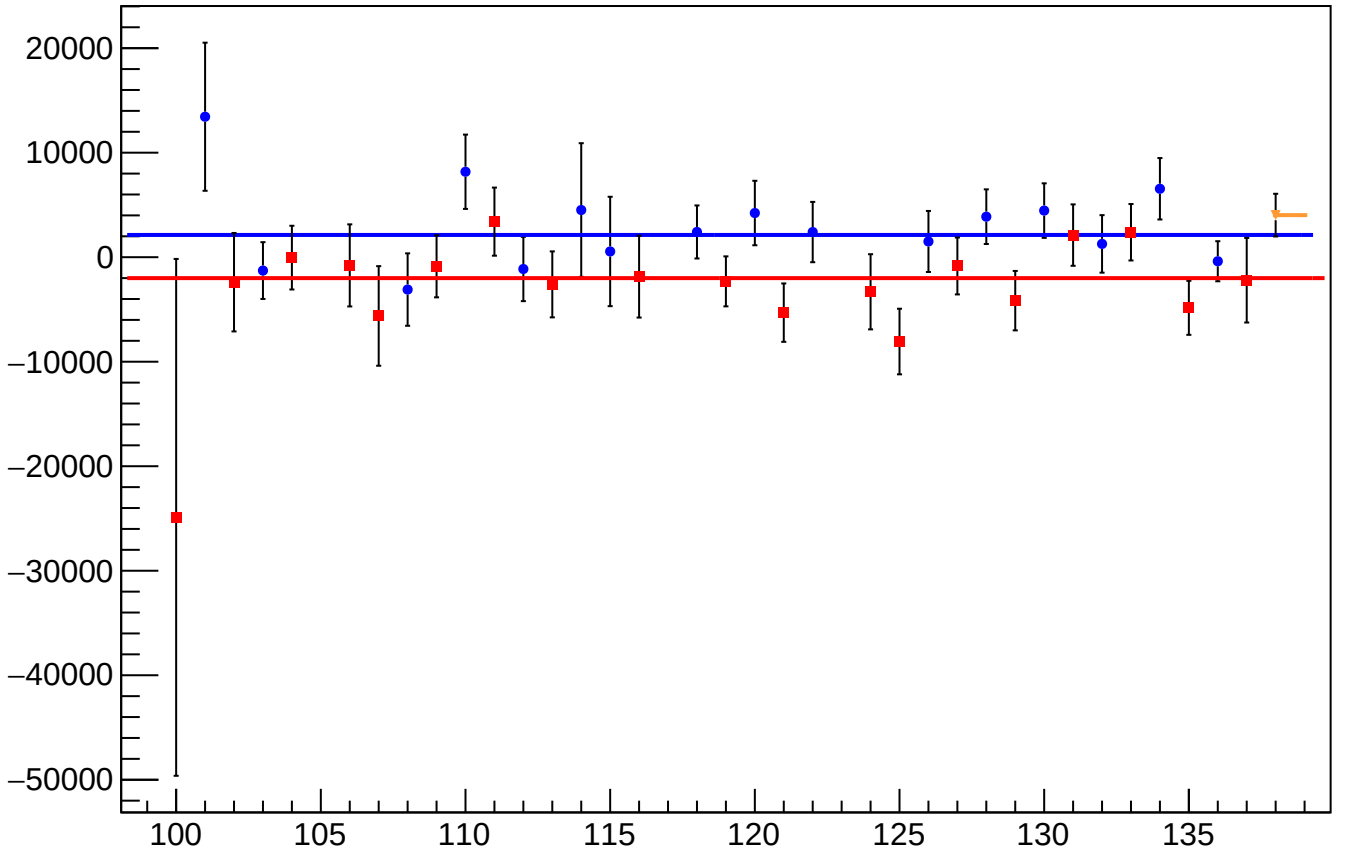
Right Out: 600.447+/-0.172 χ^2/NDF: 2328523.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 619.310+/-0.163 χ^2/NDF: 1287557.8/16

All: 610.377+/-0.118 χ^2/NDF: 3622434.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2128.746+/-746.242 χ^2/NDF: 16.5/15

Left Out: 4025.273+/-2042.457 χ^2/NDF:0.0/0

Right Out: -2002.218+/-737.195 χ^2/NDF: 16.7/18

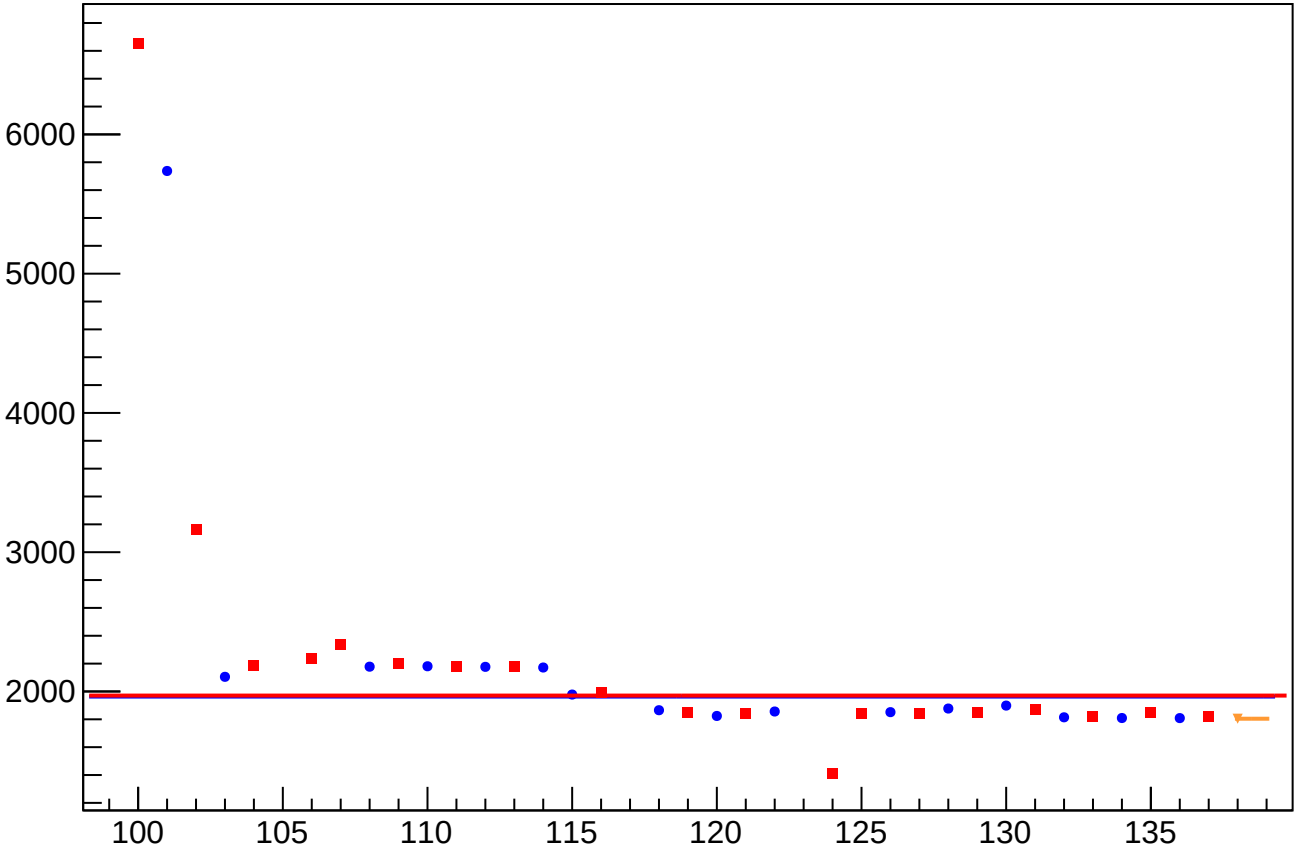
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2352.101+/-700.923 χ^2/NDF: 17.3/16

All: 284.693+/-507.967 χ^2/NDF: 52.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 1963.415+/-0.528 χ^2/NDF: 640253.8/15

Left Out: 1804.300+/-1.444 χ^2/NDF:0.0/0

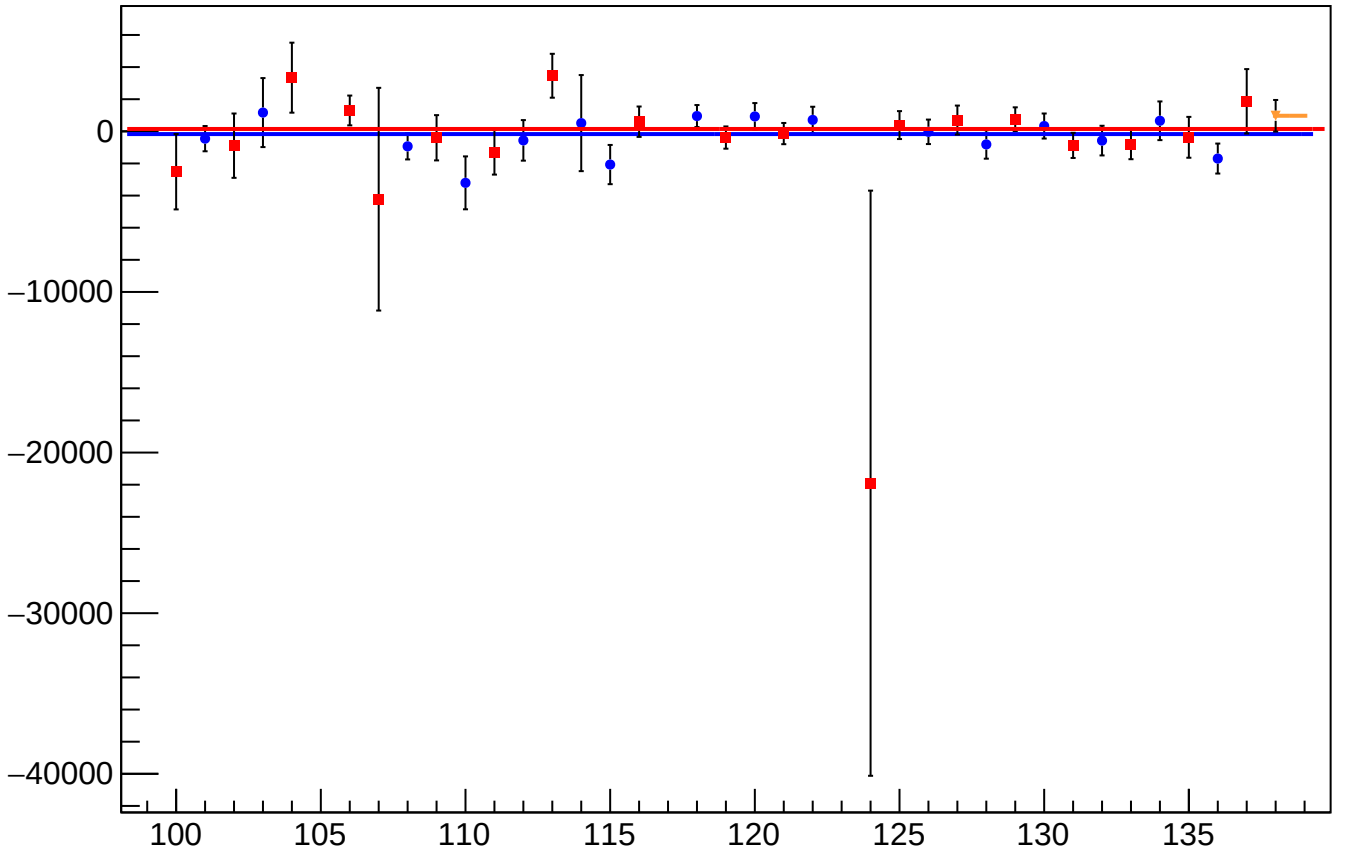
Right Out: 1970.459+/-0.521 χ^2/NDF: 345131.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1944.676+/-0.496 χ^2/NDF: 650962.2/16

All: 1956.917+/-0.359 χ^2/NDF: 997378.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -170.773+/-236.912 χ^2/NDF: 17.2/15

Left Out: 969.574+/-983.213 χ^2/NDF:0.0/0

Right Out: 147.489+/-242.847 χ^2/NDF: 20.1/18

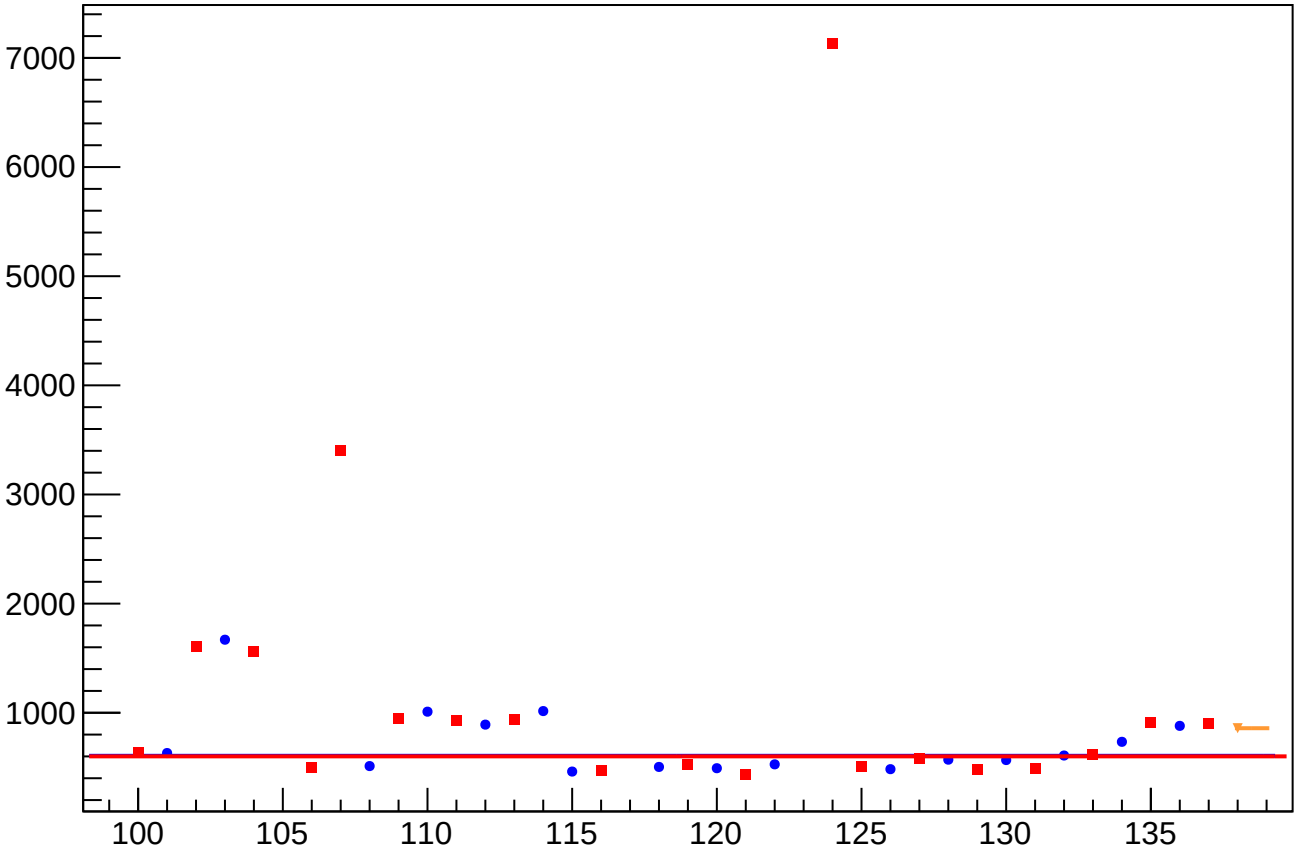
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -108.198+/-230.320 χ^2/NDF: 18.5/16

All: 12.881+/-167.114 χ^2/NDF: 39.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 605.429+/-0.168 χ^2/NDF: 1162462.4/15

Left Out: 858.372+/-0.695 χ^2/NDF:0.0/0

Right Out: 600.446+/-0.172 χ^2/NDF: 2328531.9/18

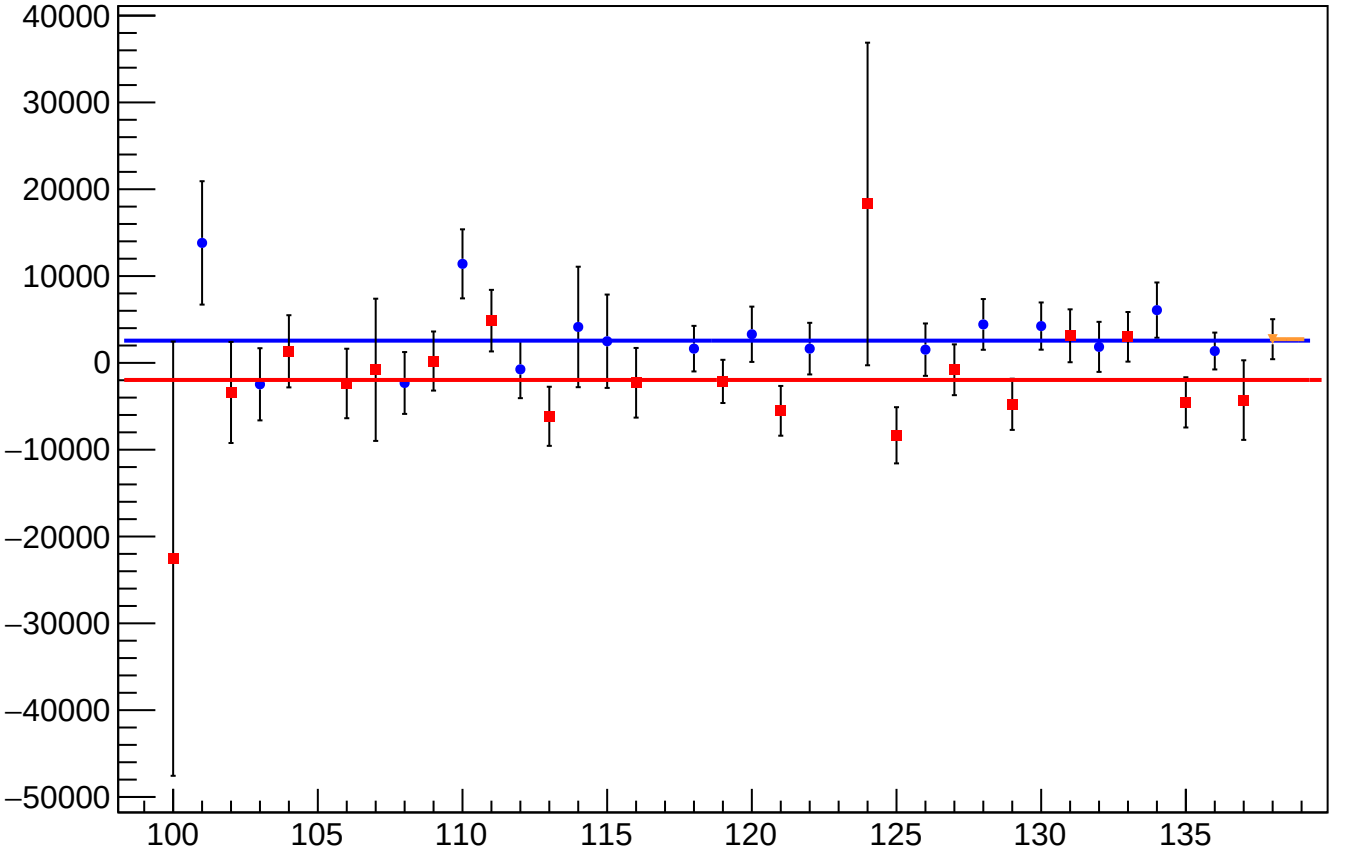
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 619.309+/-0.163 χ^2/NDF: 1287566.7/16

All: 610.376+/-0.118 χ^2/NDF: 3622450.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2560.971+/-809.658 χ^2/NDF: 14.6/15

Left Out: 2728.052+/-2303.605 χ^2/NDF:0.0/0

Right Out: -1966.731+/-818.839 χ^2/NDF: 21.6/18

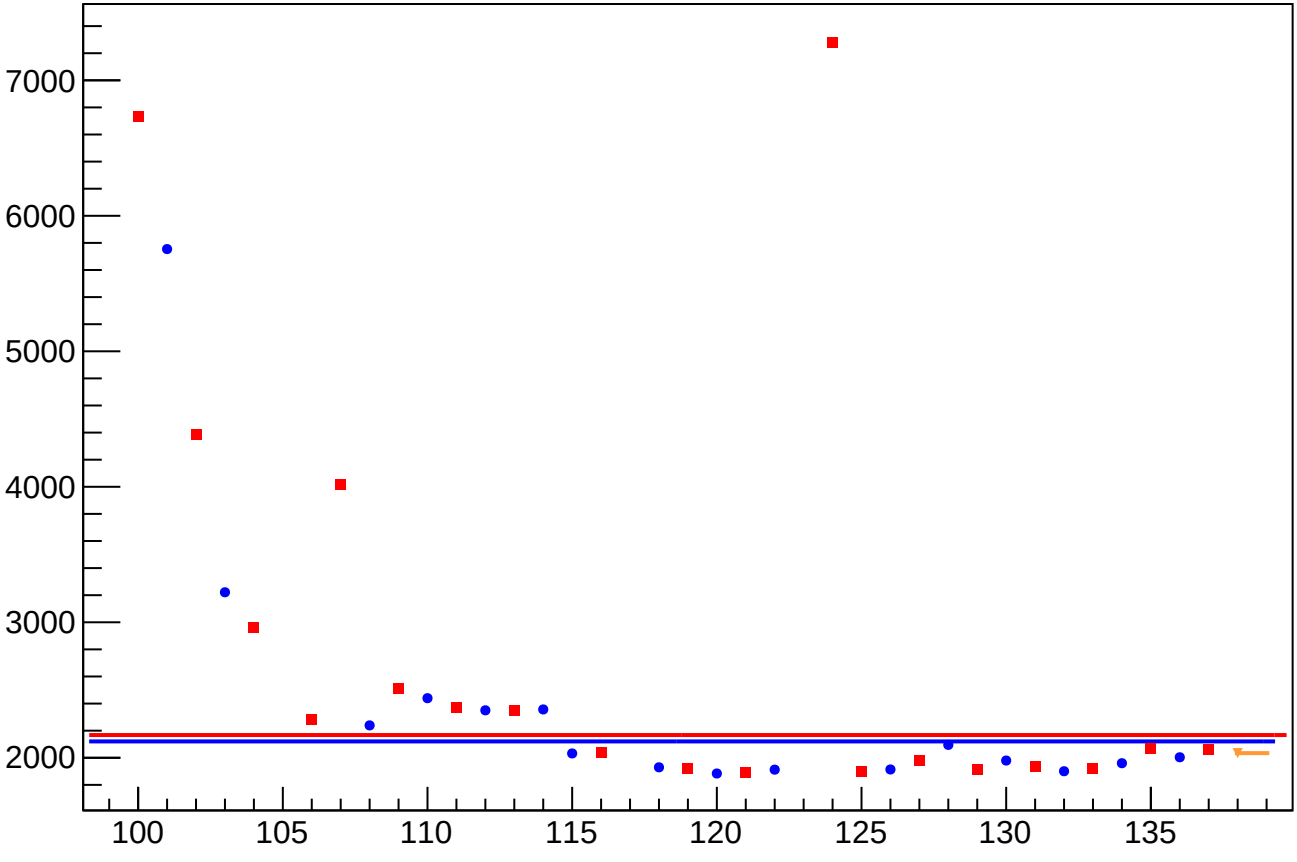
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2579.341+/-763.851 χ^2/NDF: 14.6/16

All: 464.061+/-558.553 χ^2/NDF: 52.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2120.778+/-0.573 χ^2/NDF: 759969.1/15

Left Out: 2034.328+/-1.629 χ^2/NDF:0.0/0

Right Out: 2167.840+/-0.579 χ^2/NDF: 823925.5/18

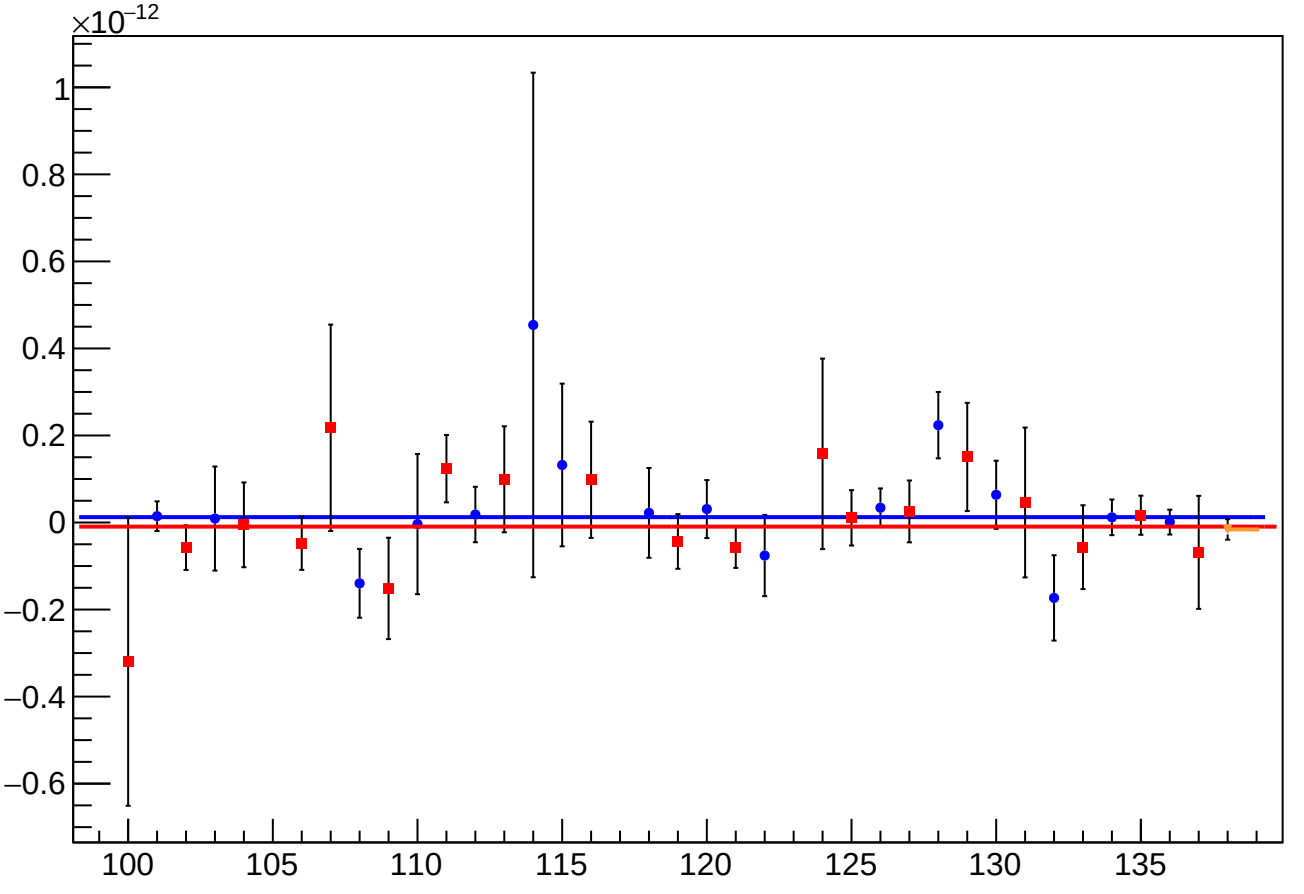
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2111.272+/-0.540 χ^2/NDF: 762476.1/16

All: 2137.593+/-0.395 χ^2/NDF: 1591505.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 17.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 13.8/18

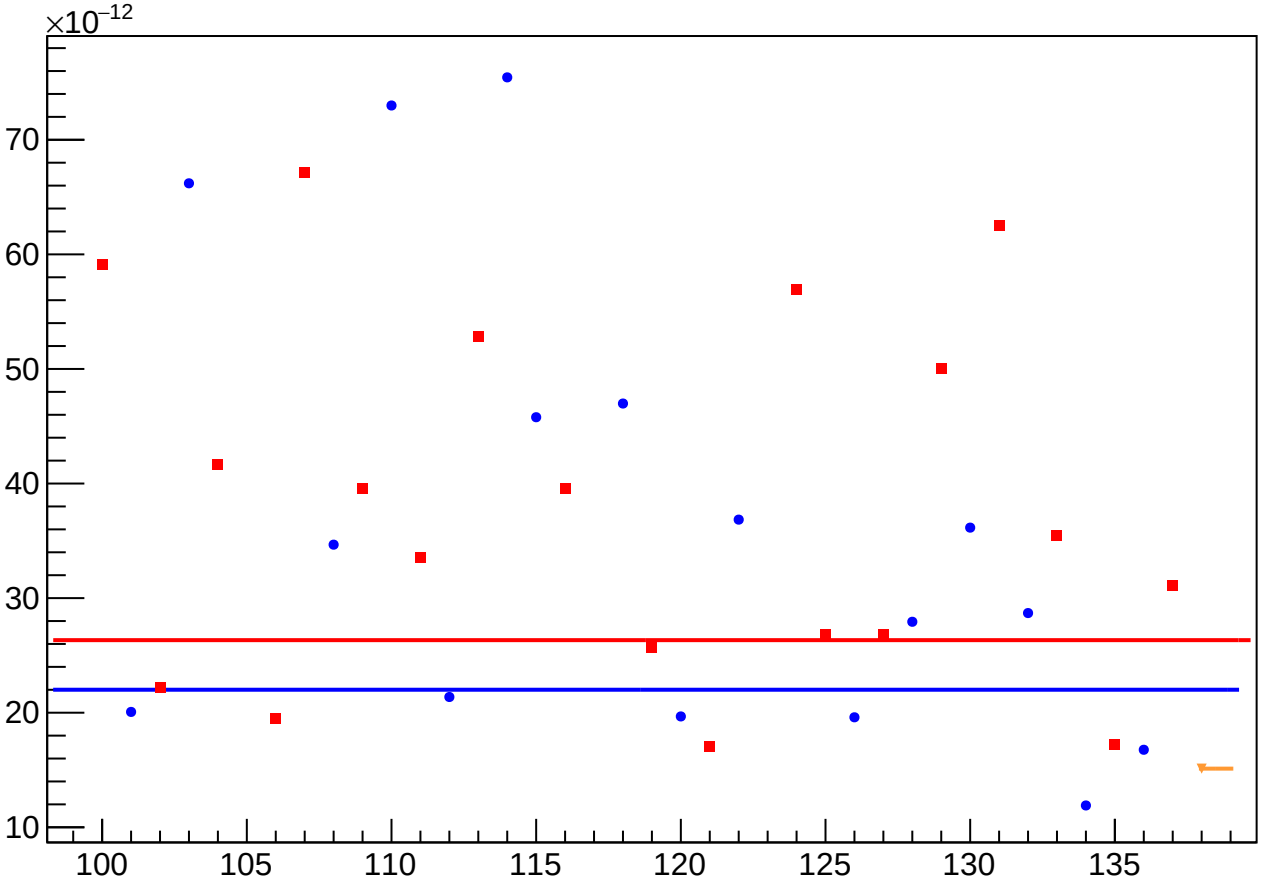
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.8/16

All: -0.000+/-0.000 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 1032604.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

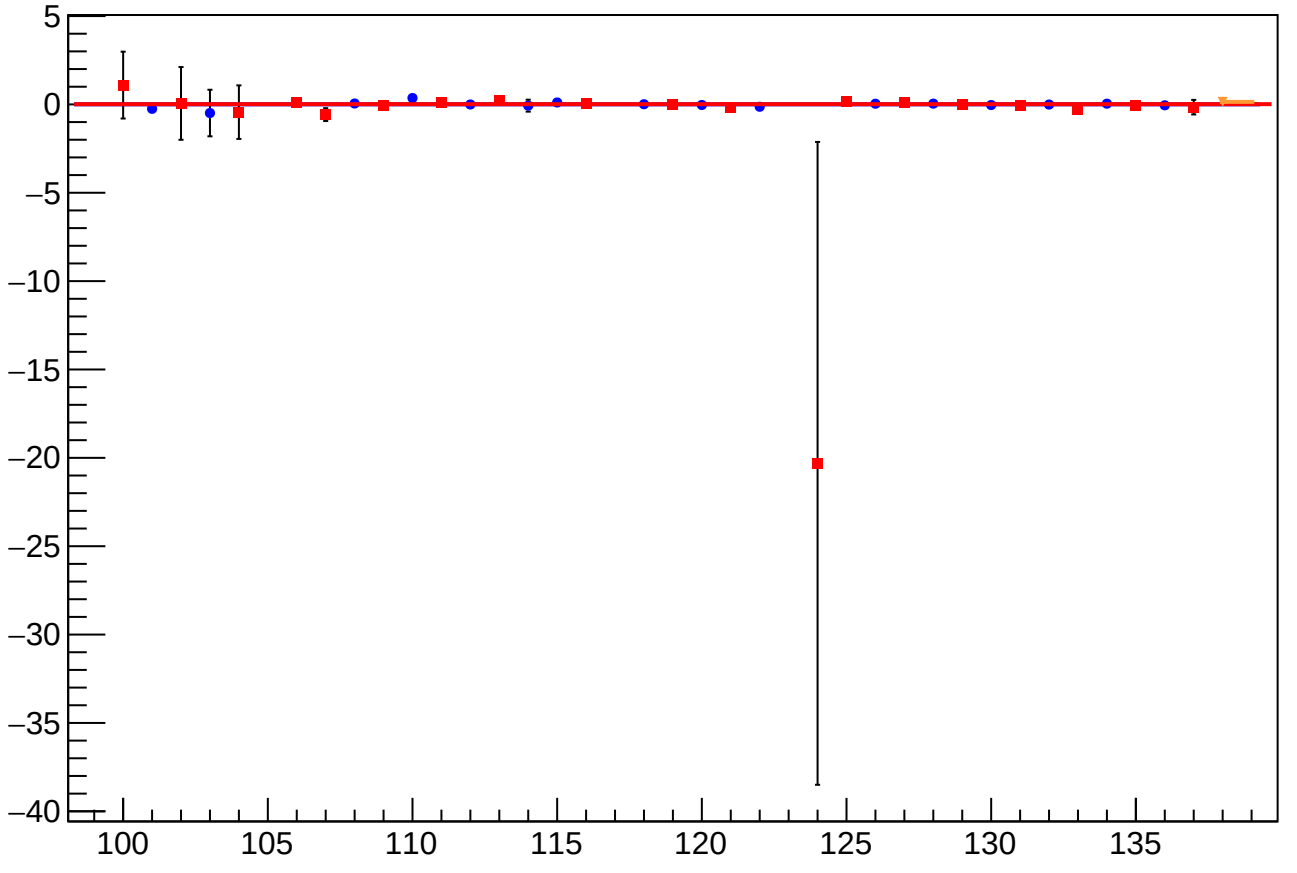
Right Out: 0.000+/-0.000 χ^2/NDF: 705211.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1155433.0/16

All: 0.000+/-0.000 χ^2/NDF: 2023634.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.004+/-0.027 χ^2/NDF: 11.4/15

Left Out: 0.142+/-0.093 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.026 χ^2/NDF: 17.6/18

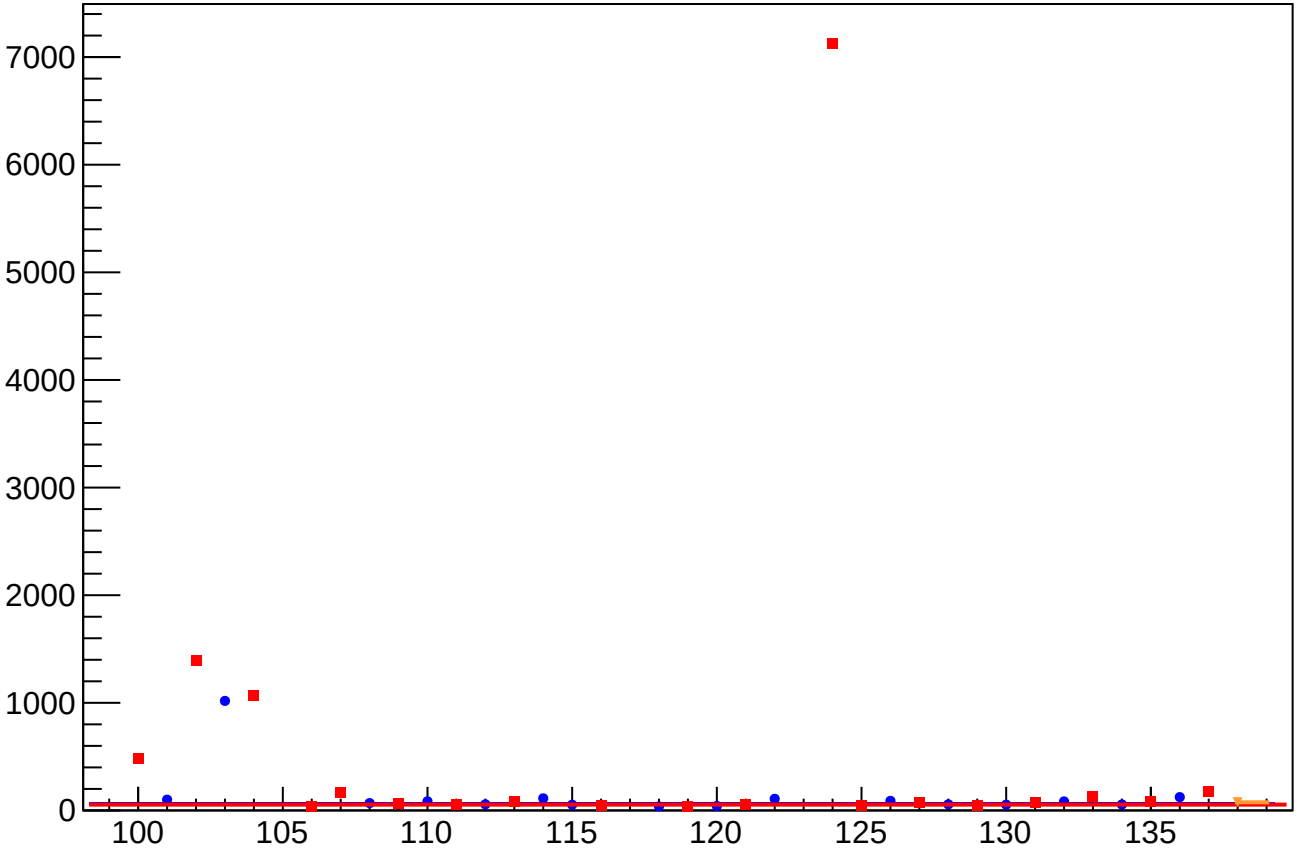
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.026 χ^2/NDF: 13.4/16

All: 0.014+/-0.018 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 59.840+/-0.019 χ^2/NDF: 2538867.4/15

Left Out: 75.969+/-0.066 χ^2/NDF:0.0/0

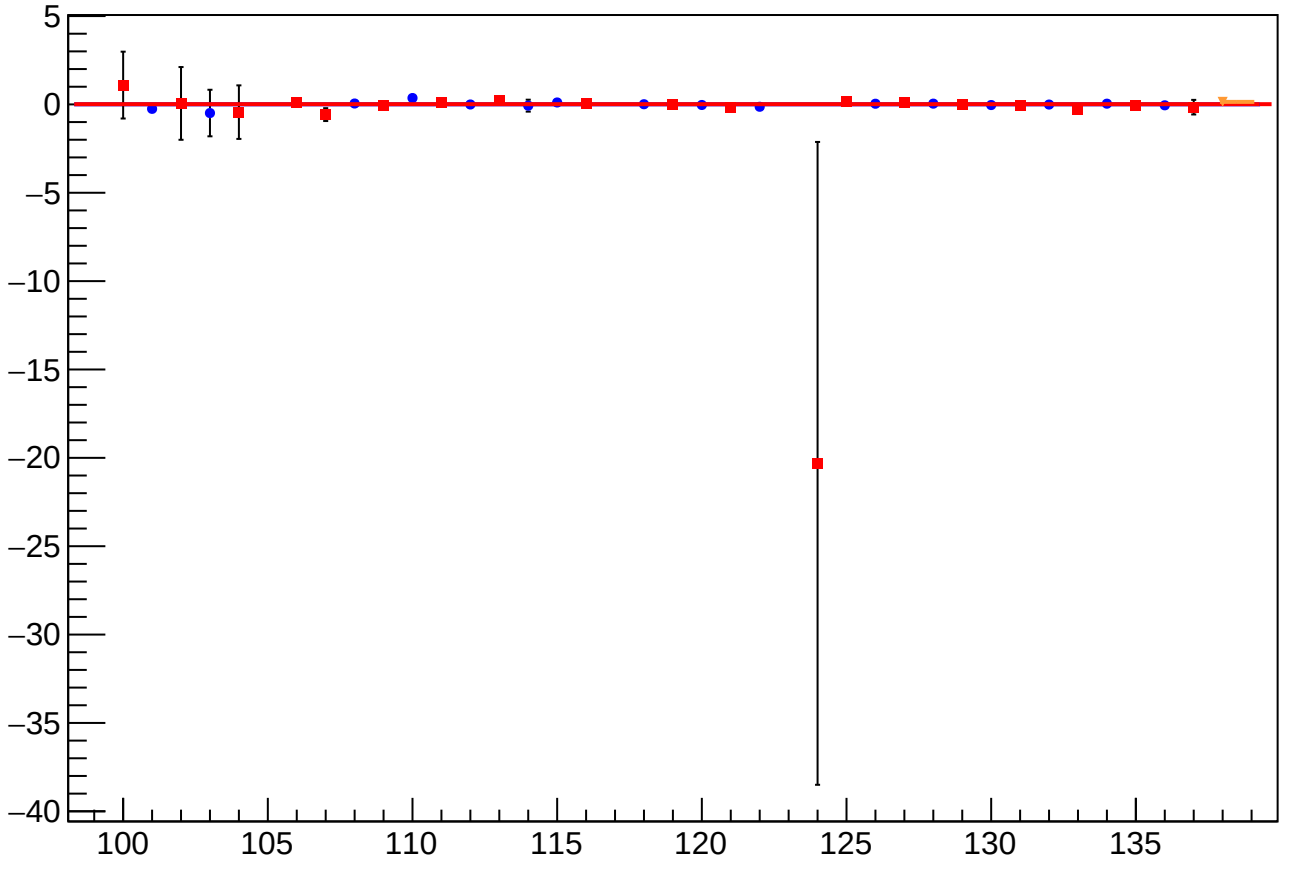
Right Out: 54.249+/-0.018 χ^2/NDF: 3521580.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.069+/-0.018 χ^2/NDF: 2594410.0/16

All: 57.676+/-0.013 χ^2/NDF: 6186168.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.004+/-0.027 χ^2/NDF: 11.4/15

Left Out: 0.142+/-0.093 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.026 χ^2/NDF: 17.6/18

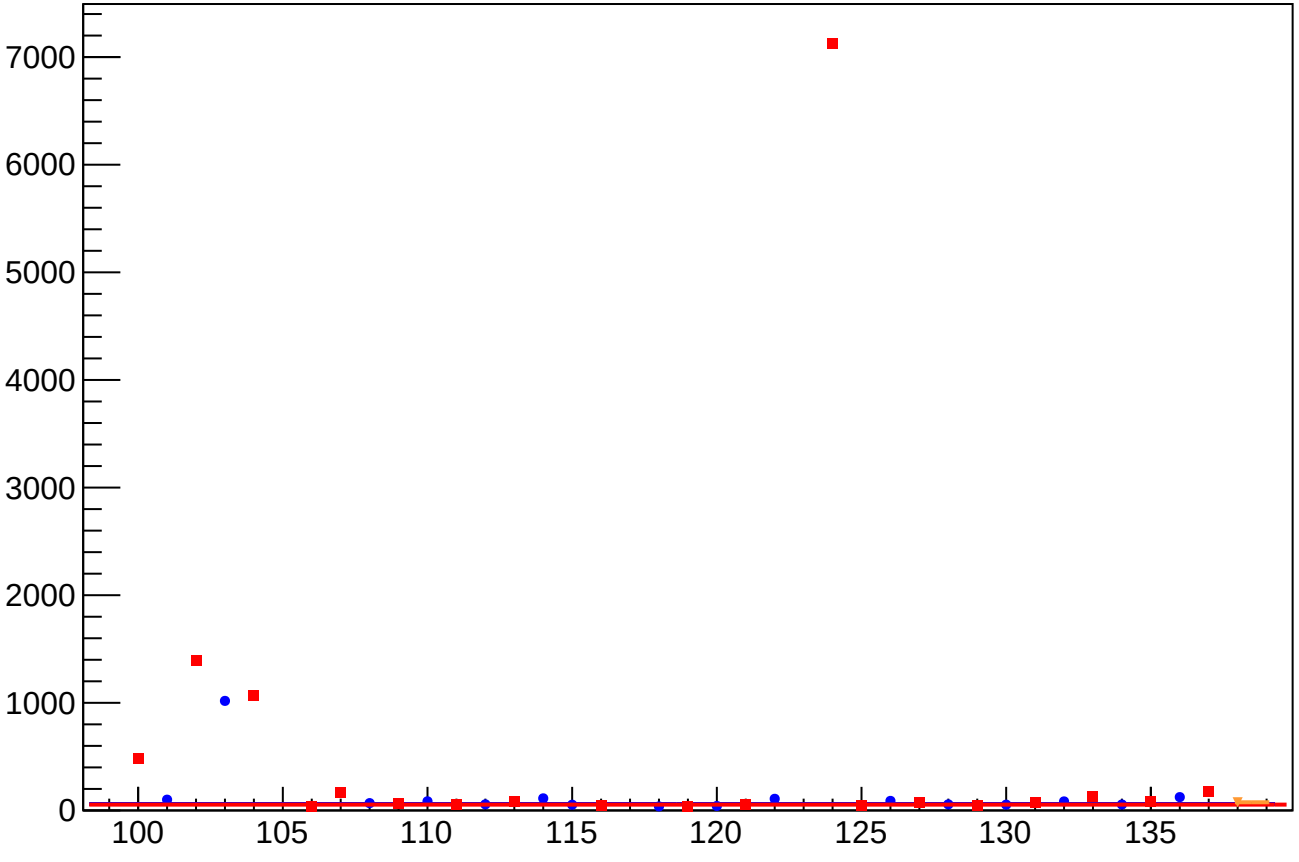
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.026 χ^2/NDF: 13.4/16

All: 0.014+/-0.018 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 59.840+/-0.019 χ^2/NDF: 2538867.4/15

Left Out: 75.969+/-0.066 χ^2/NDF:0.0/0

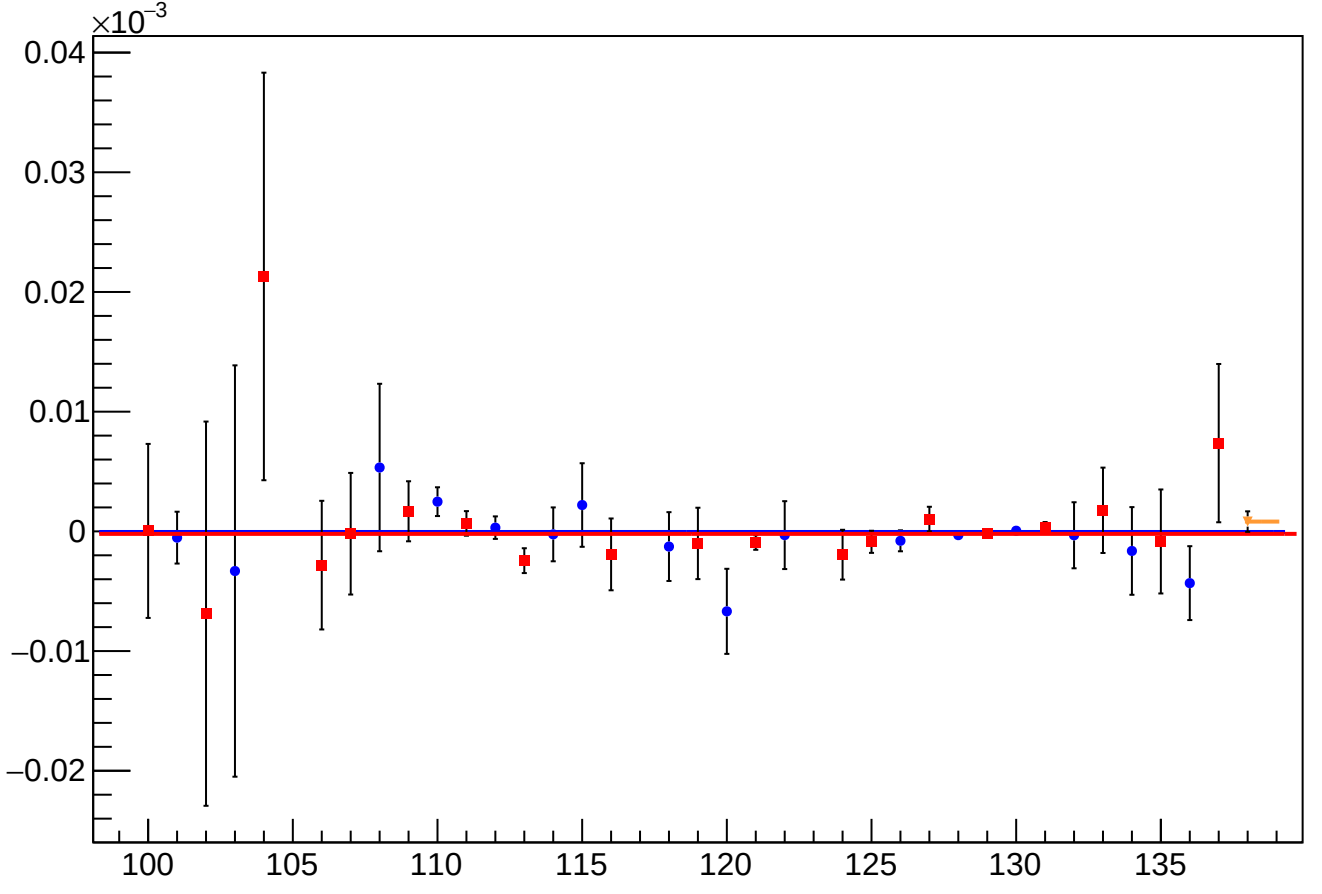
Right Out: 54.249+/-0.018 χ^2/NDF: 3521580.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.069+/-0.018 χ^2/NDF: 2594410.0/16

All: 57.676+/-0.013 χ^2/NDF: 6186168.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 15.6/18

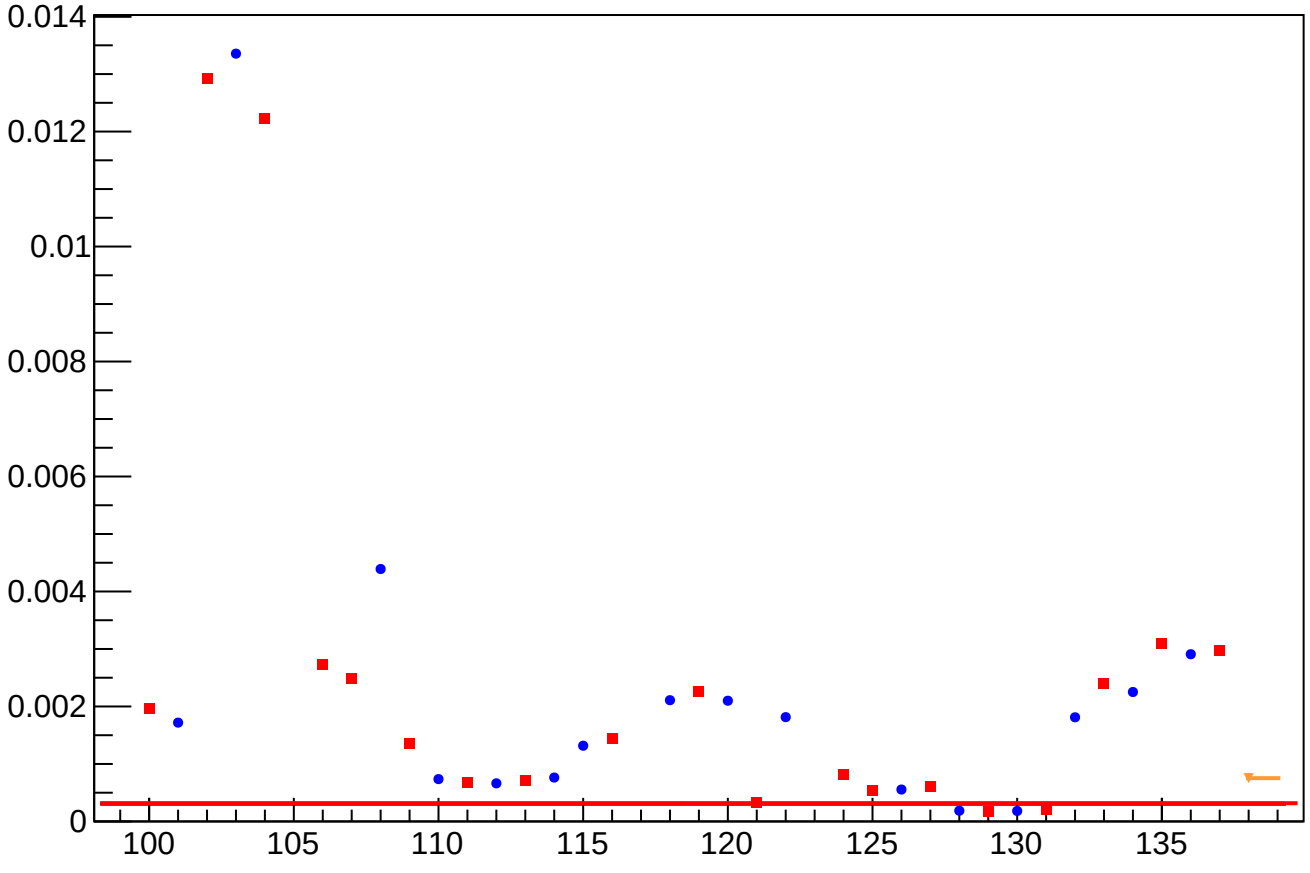
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.8/16

All: -0.000+/-0.000 χ^2/NDF: 30.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 8756212.9/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

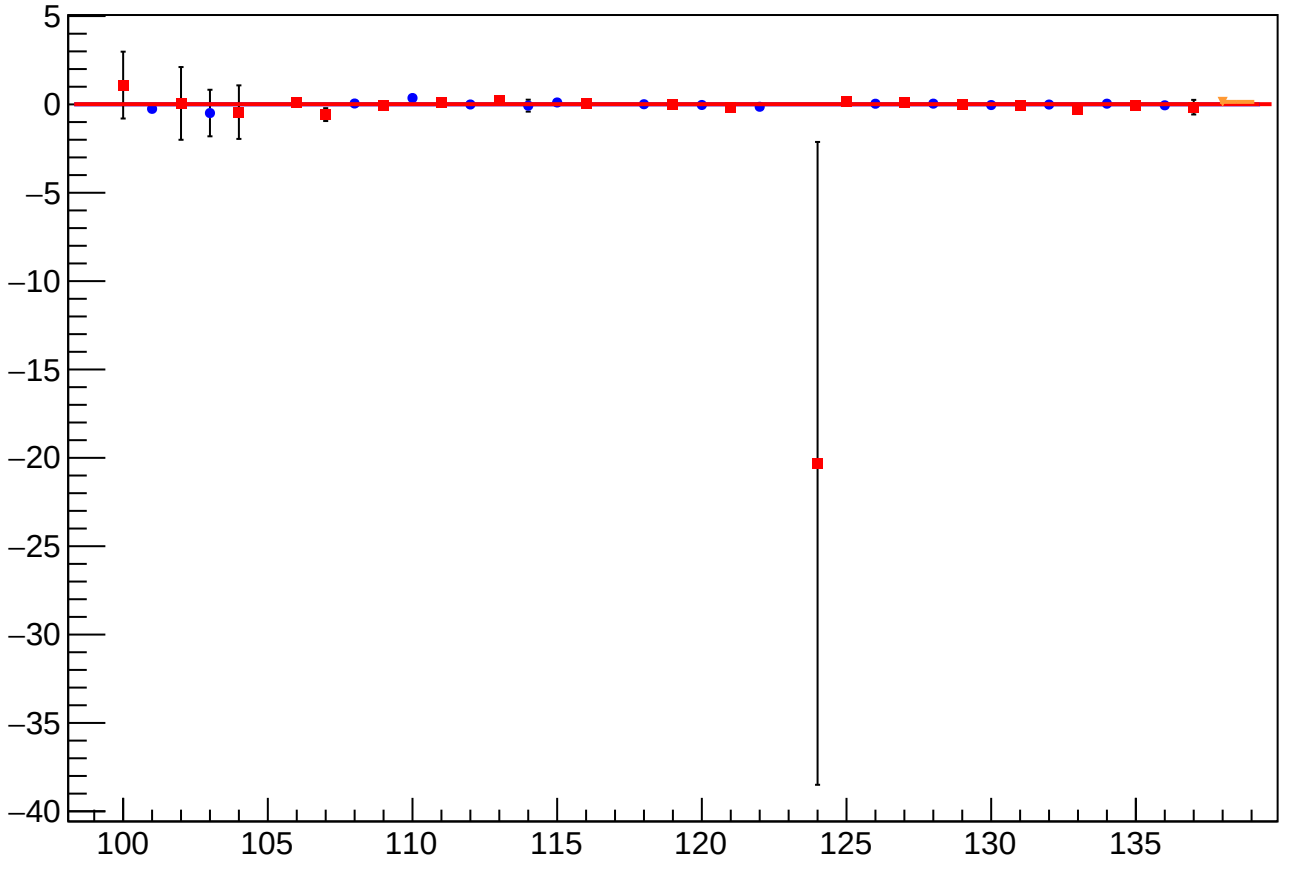
Right Out: 0.000+/-0.000 χ^2/NDF: 8015537.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 9269645.8/16

All: 0.000+/-0.000 χ^2/NDF: 17289612.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.004+/-0.027 χ^2/NDF: 11.4/15

Left Out: 0.142+/-0.093 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.026 χ^2/NDF: 17.6/18

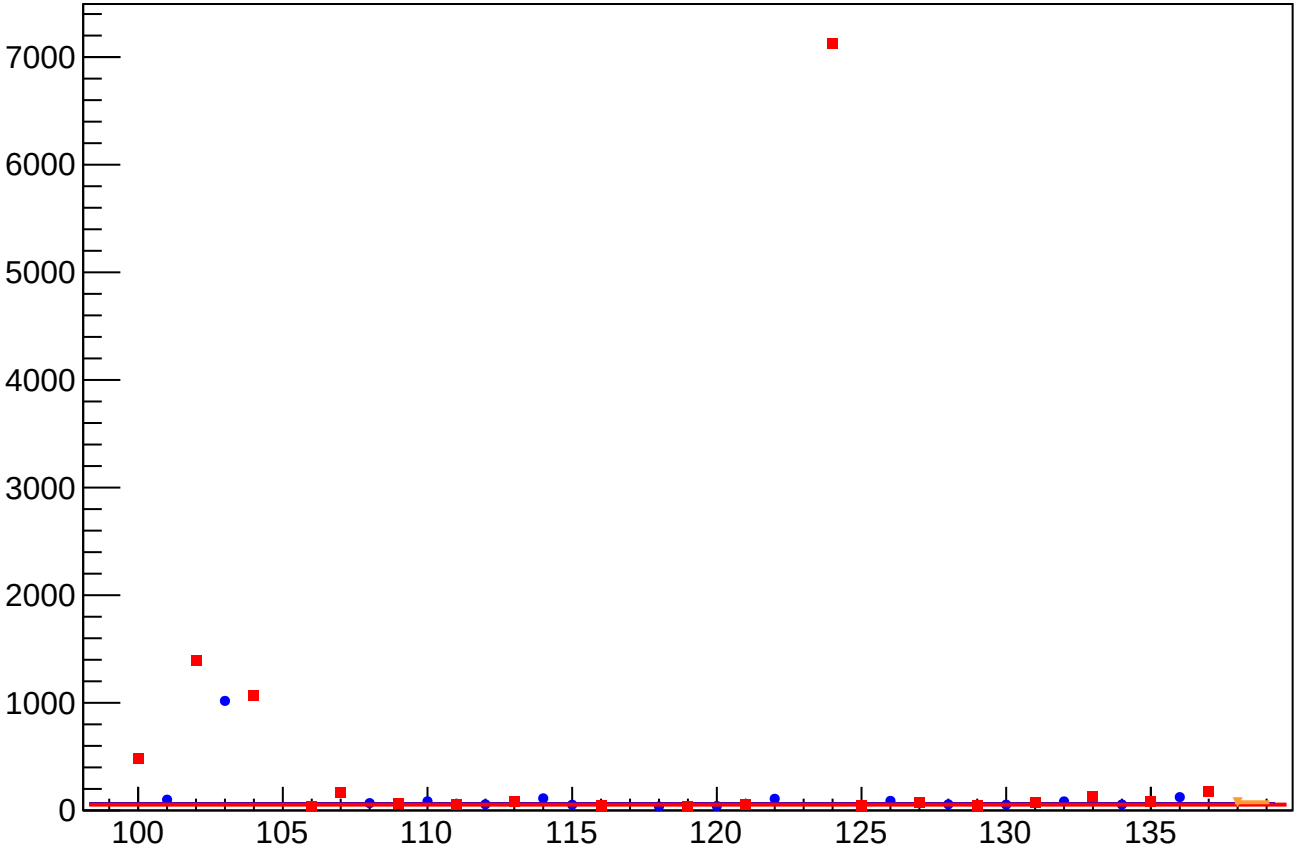
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.026 χ^2/NDF: 13.4/16

All: 0.014+/-0.018 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 59.839+/-0.019 χ^2/NDF: 2538881.2/15

Left Out: 75.969+/-0.066 χ^2/NDF:0.0/0

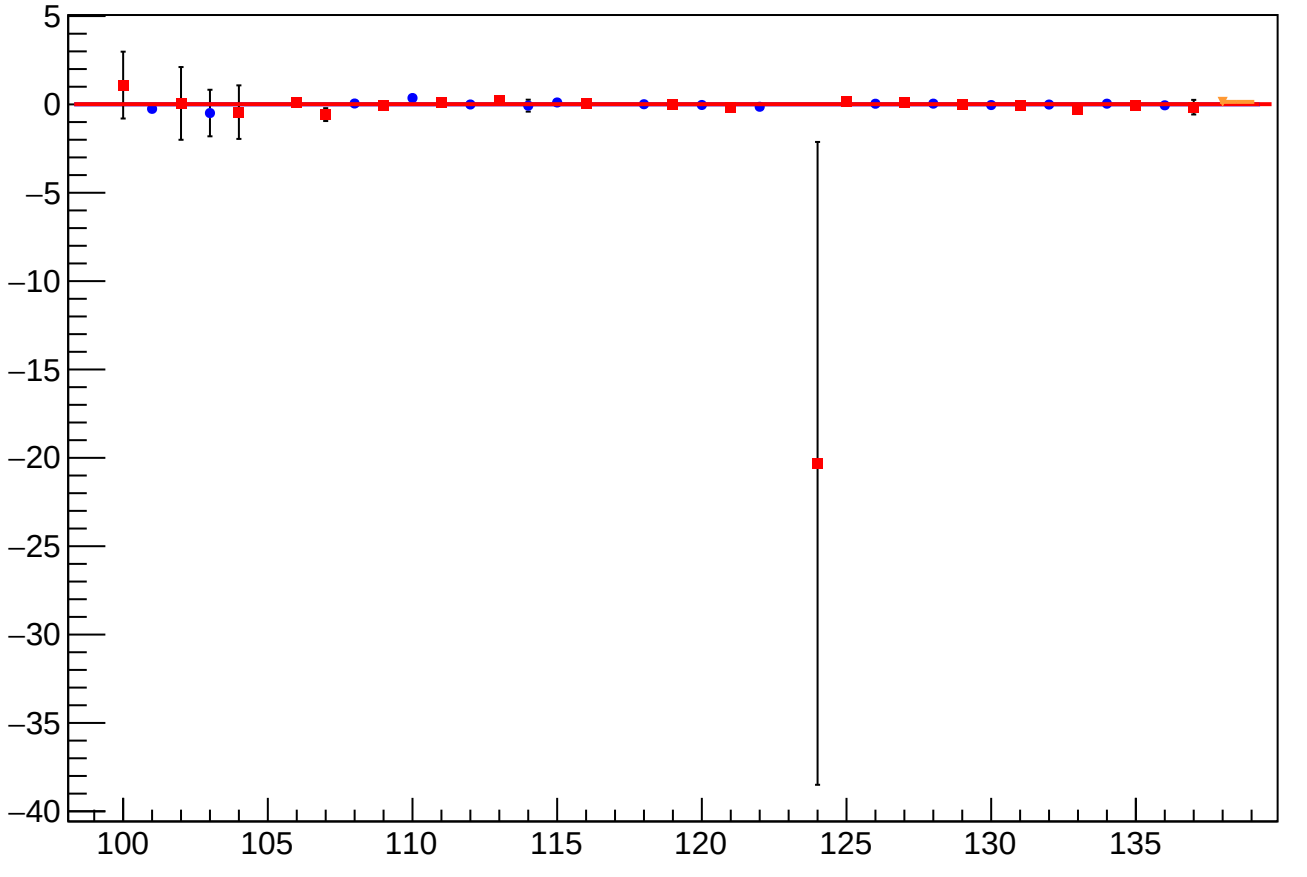
Right Out: 54.248+/-0.018 χ^2/NDF: 3521640.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.069+/-0.018 χ^2/NDF: 2594426.2/16

All: 57.675+/-0.013 χ^2/NDF: 6186263.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.004+/-0.027 χ^2/NDF: 11.4/15

Left Out: 0.142+/-0.093 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.026 χ^2/NDF: 17.6/18

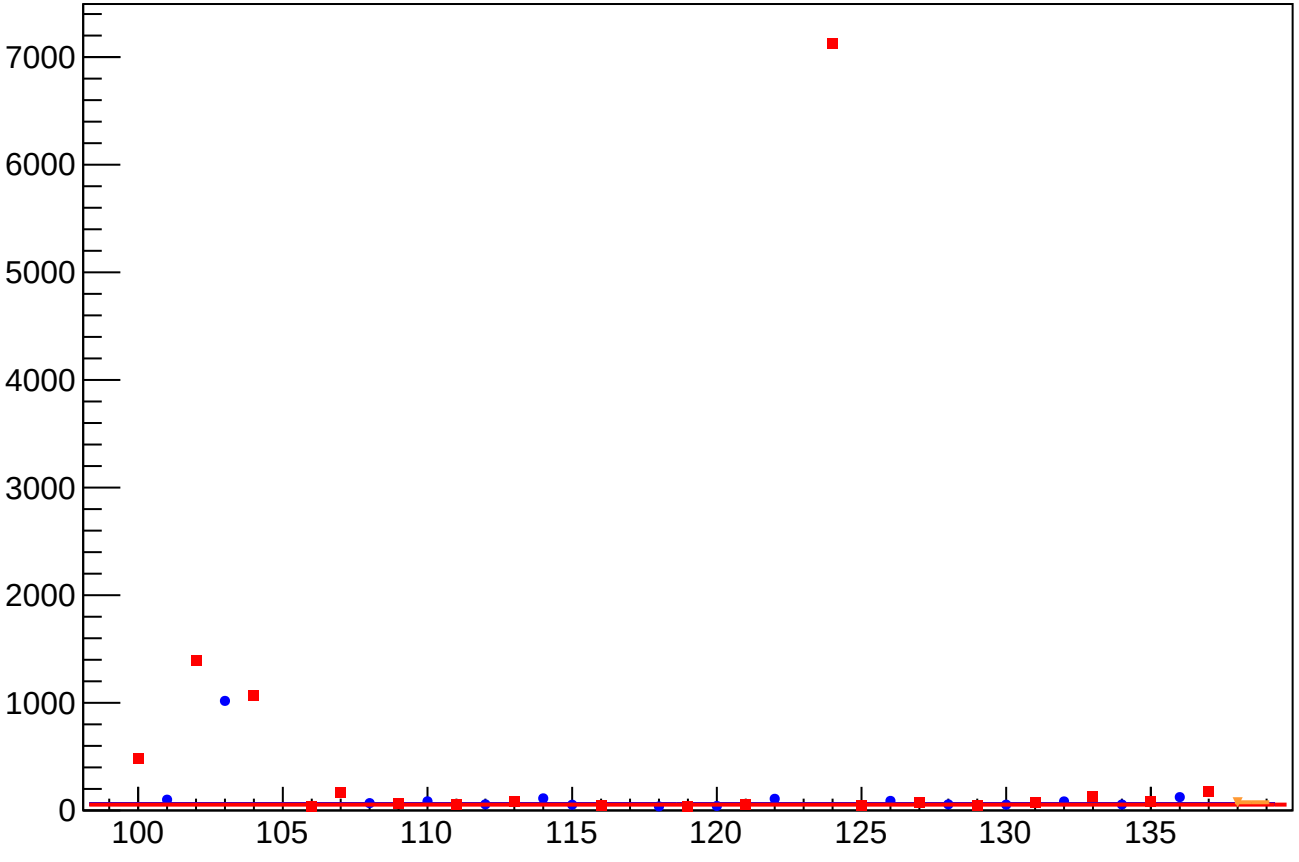
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.026 χ^2/NDF: 13.4/16

All: 0.014+/-0.018 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 59.839+/-0.019 χ^2/NDF: 2538881.2/15

Left Out: 75.969+/-0.066 χ^2/NDF:0.0/0

Right Out: 54.248+/-0.018 χ^2/NDF: 3521640.4/18

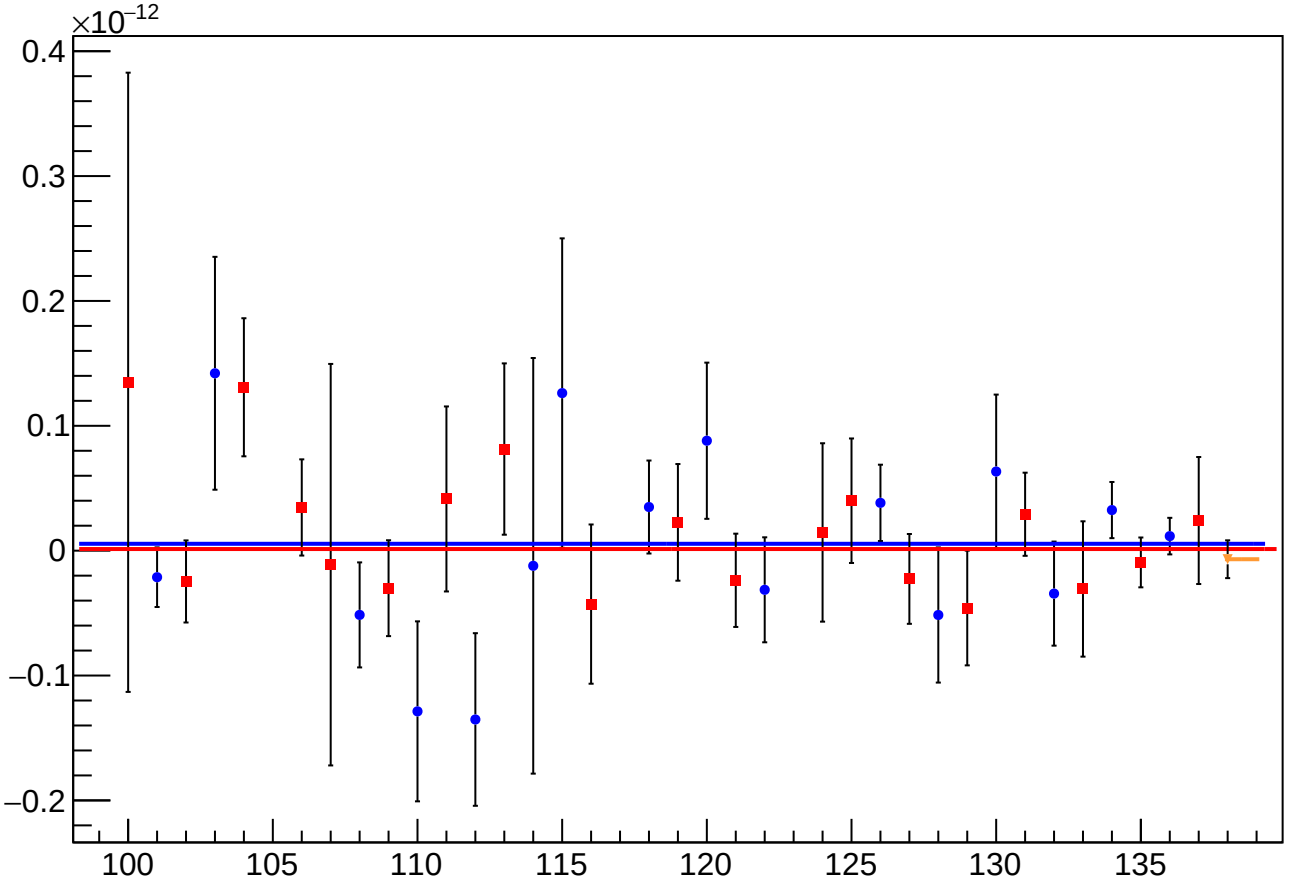
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.069+/-0.018 χ^2/NDF: 2594426.2/16

All: 57.675+/-0.013 χ^2/NDF: 6186263.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 22.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

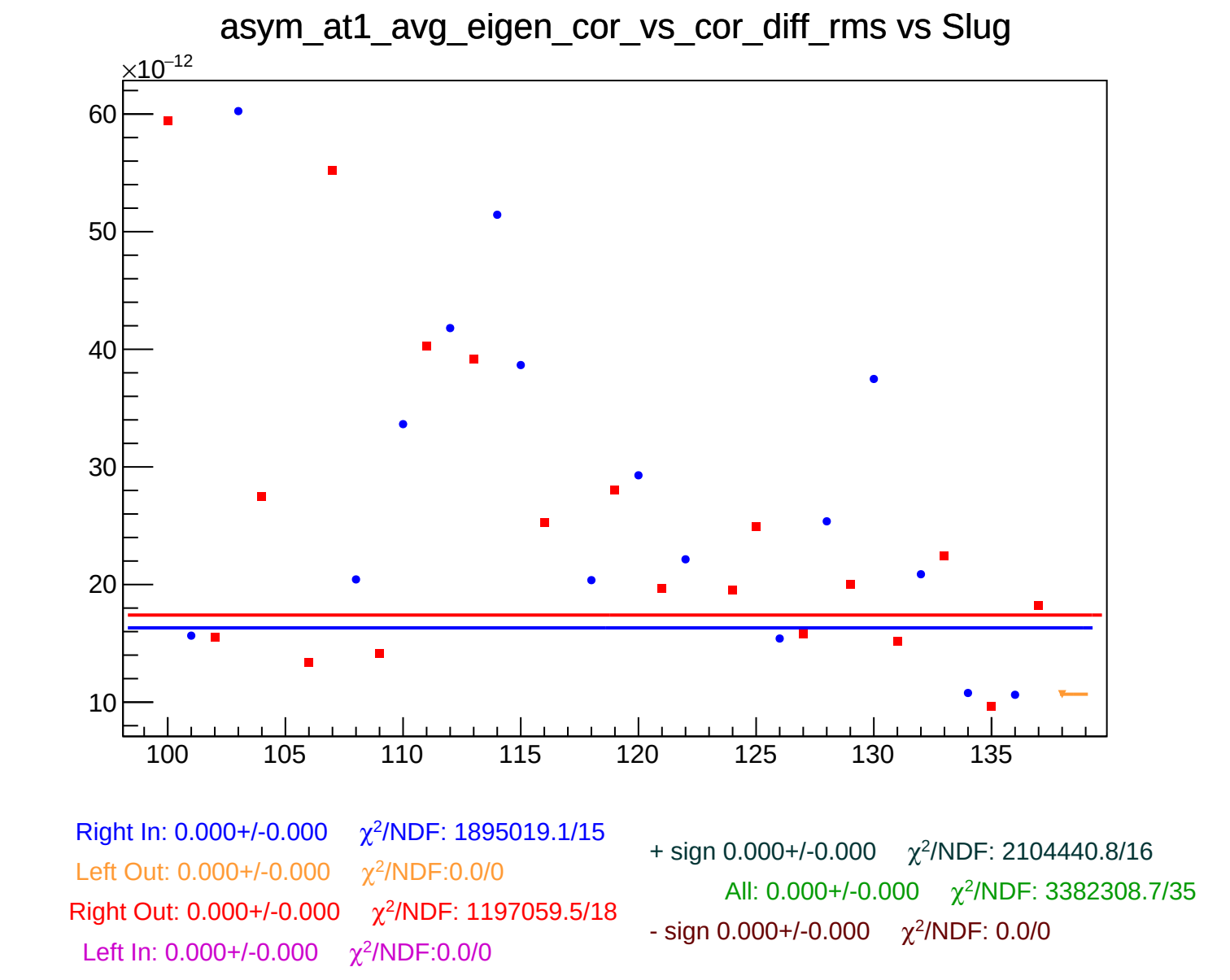
Right Out: 0.000+/-0.000 χ^2/NDF: 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

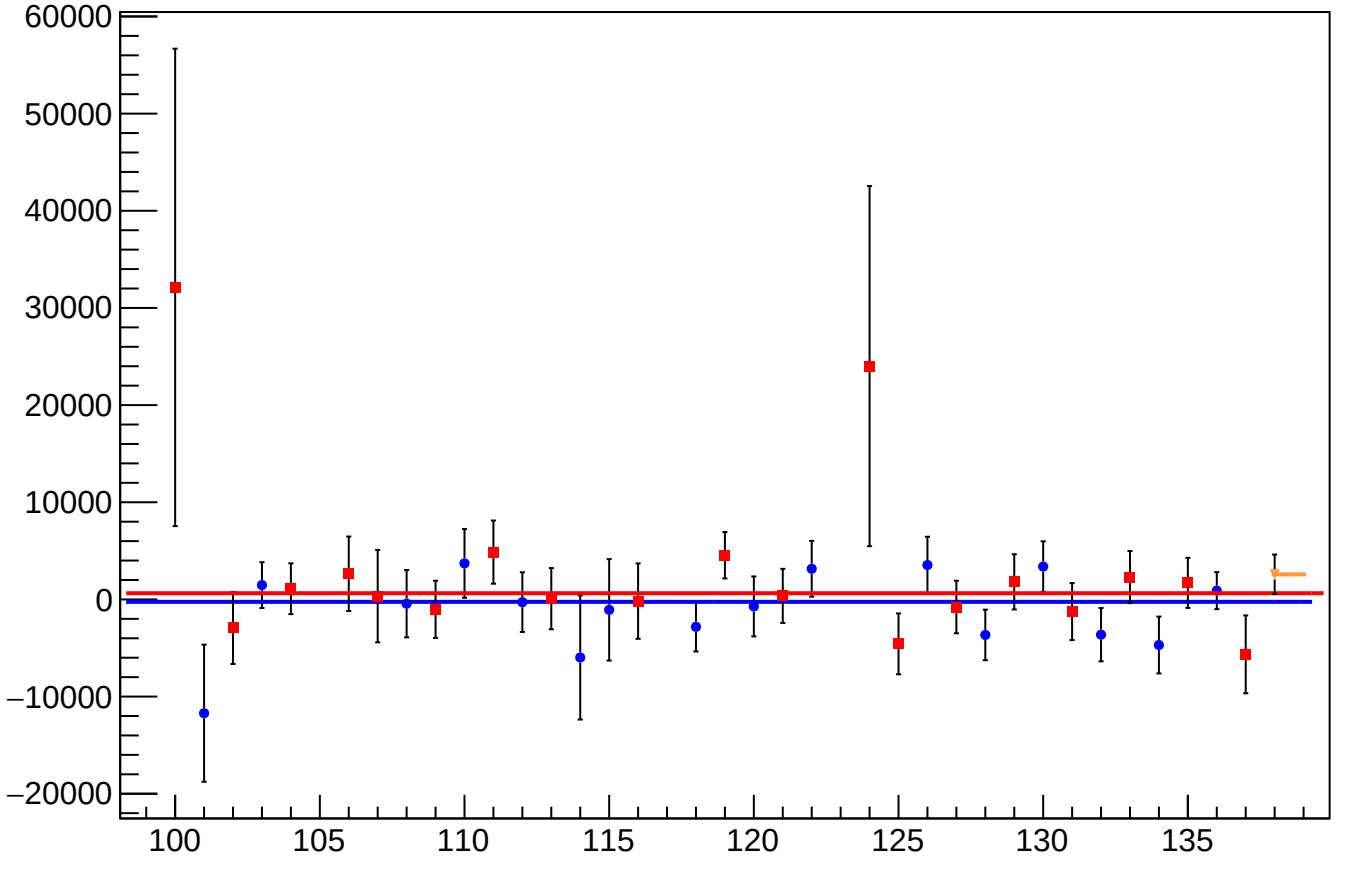
+ sign 0.000+/-0.000 χ^2/NDF: 23.1/16

All: 0.000+/-0.000 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1895019.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1197059.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2104440.8/16
All: 0.000+/-0.000 χ²/NDF: 3382308.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: -251.297+/-735.111 χ^2/NDF: 17.3/15

Left Out: 2580.525+/-2036.445 χ^2/NDF:0.0/0

Right Out: 636.082+/-735.477 χ^2/NDF: 15.9/18

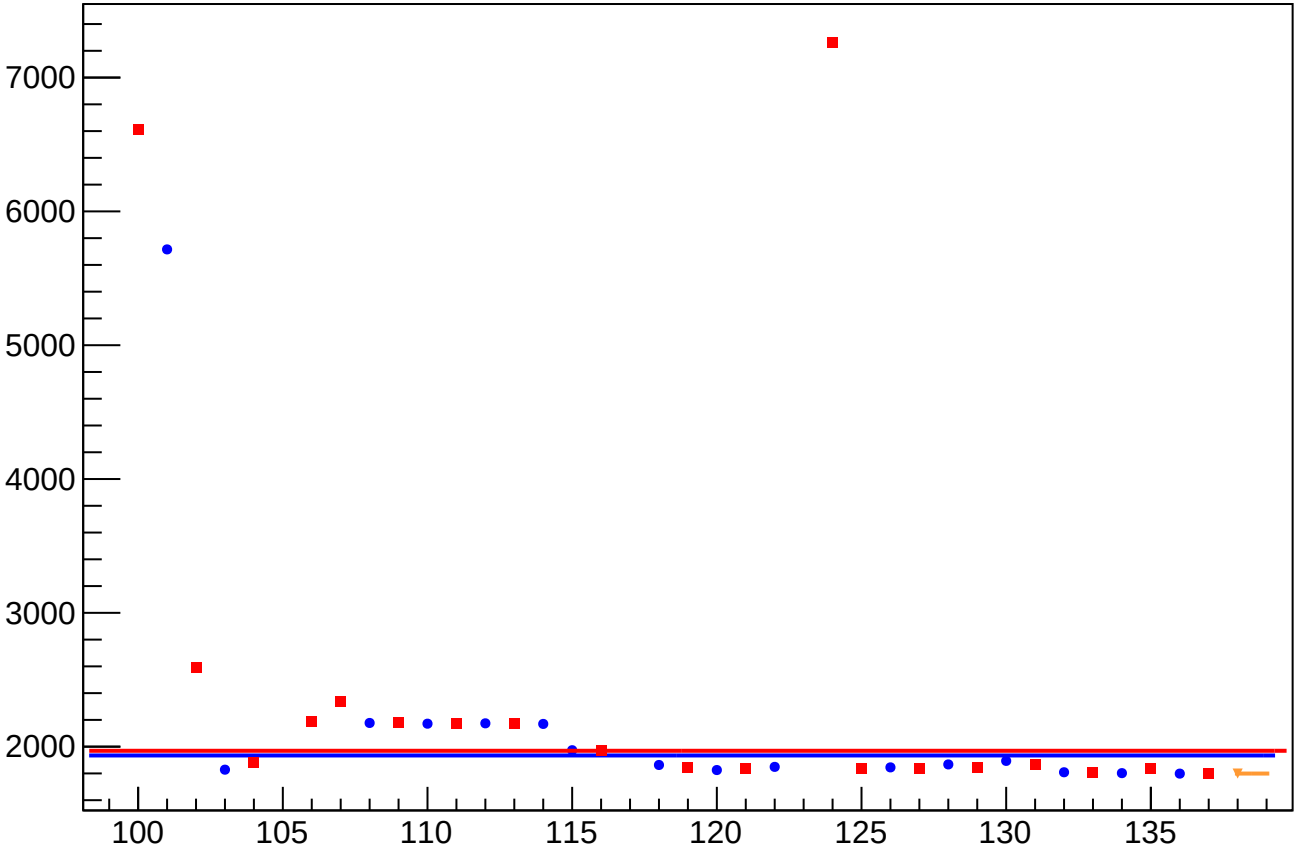
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.164+/-691.441 χ^2/NDF: 19.0/16

All: 338.329+/-503.772 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 1934.217+/-0.520 χ^2/NDF: 639920.0/15

Left Out: 1799.022+/-1.440 χ^2/NDF:0.0/0

Right Out: 1969.204+/-0.520 χ^2/NDF: 378378.8/18

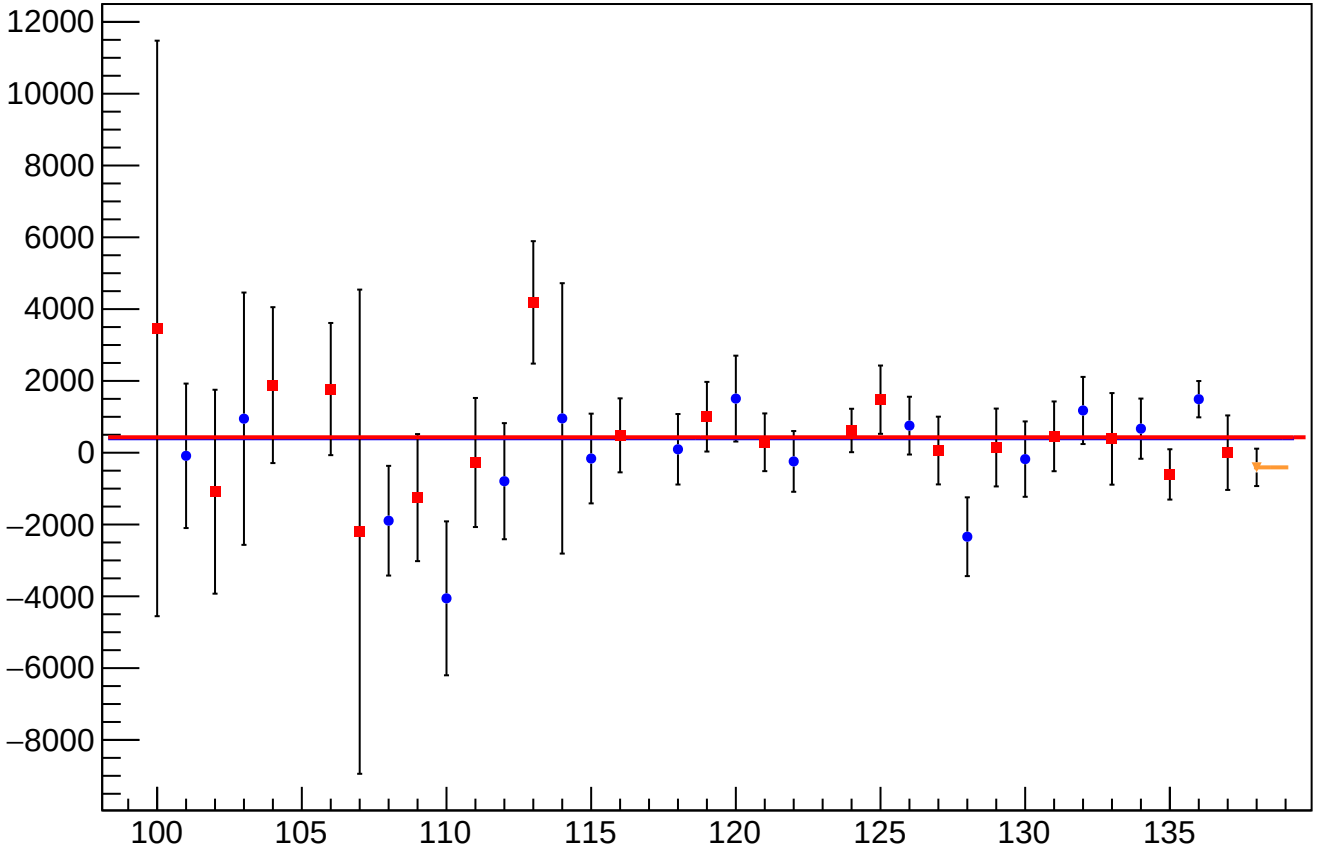
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1918.631+/-0.489 χ^2/NDF: 647718.4/16

All: 1942.358+/-0.356 χ^2/NDF: 1031117.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



Right In: 402.626+/-258.574 χ^2/NDF: 21.1/15

Left Out: -408.032+/-520.753 χ^2/NDF:0.0/0

Right Out: 430.066+/-252.823 χ^2/NDF: 11.7/18

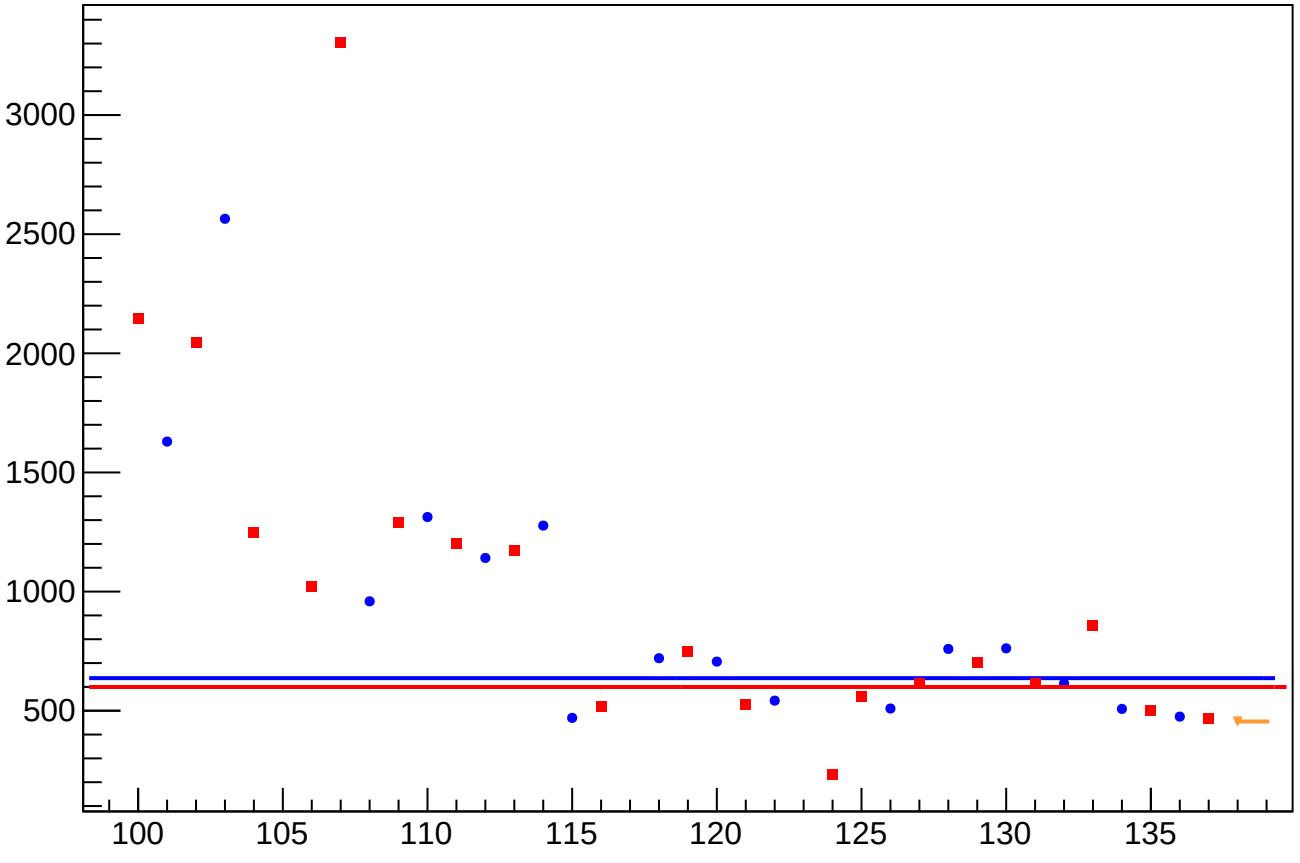
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 242.289+/-231.595 χ^2/NDF: 23.1/16

All: 327.965+/-170.775 χ^2/NDF: 35.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 636.700+/-0.183 χ^2/NDF: 2066891.4/15

Left Out: 454.709+/-0.368 χ^2/NDF:0.0/0

Right Out: 599.631+/-0.179 χ^2/NDF: 2944100.6/18

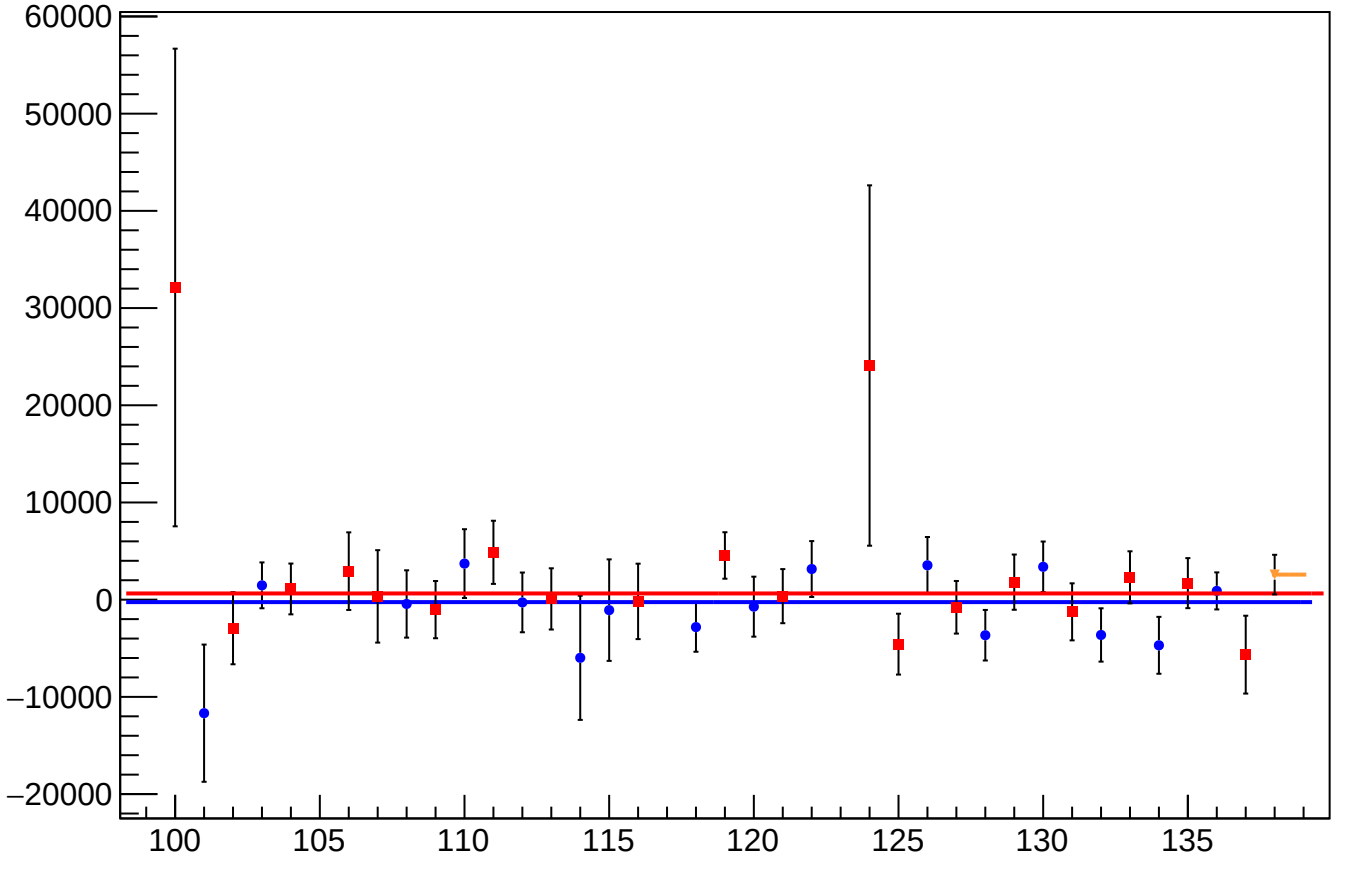
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 600.705+/-0.164 χ^2/NDF: 2262845.2/16

All: 600.215+/-0.121 χ^2/NDF: 5206965.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_dd_mean vs Slug



Right In: -250.487+/-735.112 χ^2/NDF: 17.2/15

Left Out: 2580.485+/-2036.445 χ^2/NDF:0.0/0

Right Out: 640.865+/-736.549 χ^2/NDF: 16.0/18

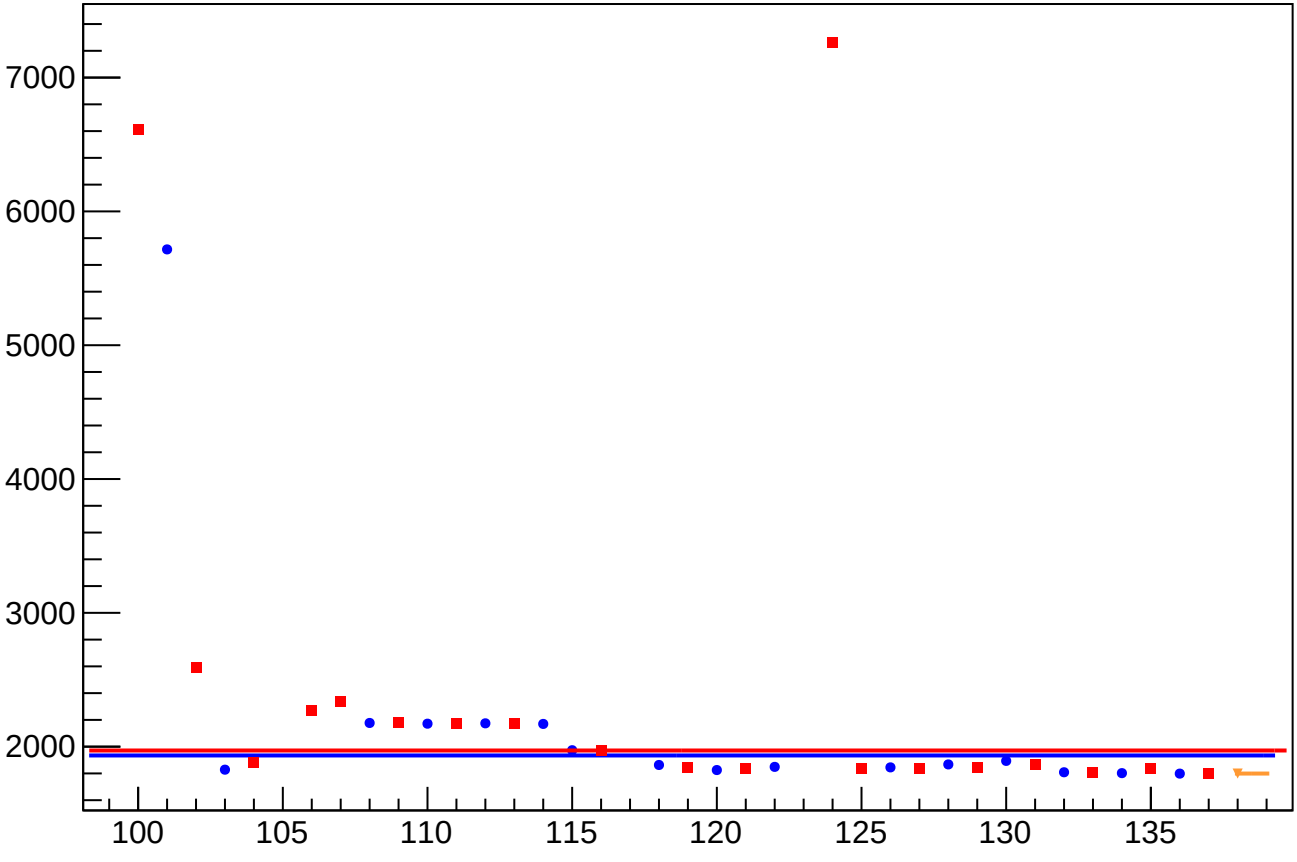
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.876+/-691.441 χ^2/NDF: 19.0/16

All: 340.541+/-504.116 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 1934.217+/-0.520 χ^2/NDF: 639919.9/15

Left Out: 1799.022+/-1.440 χ^2/NDF:0.0/0

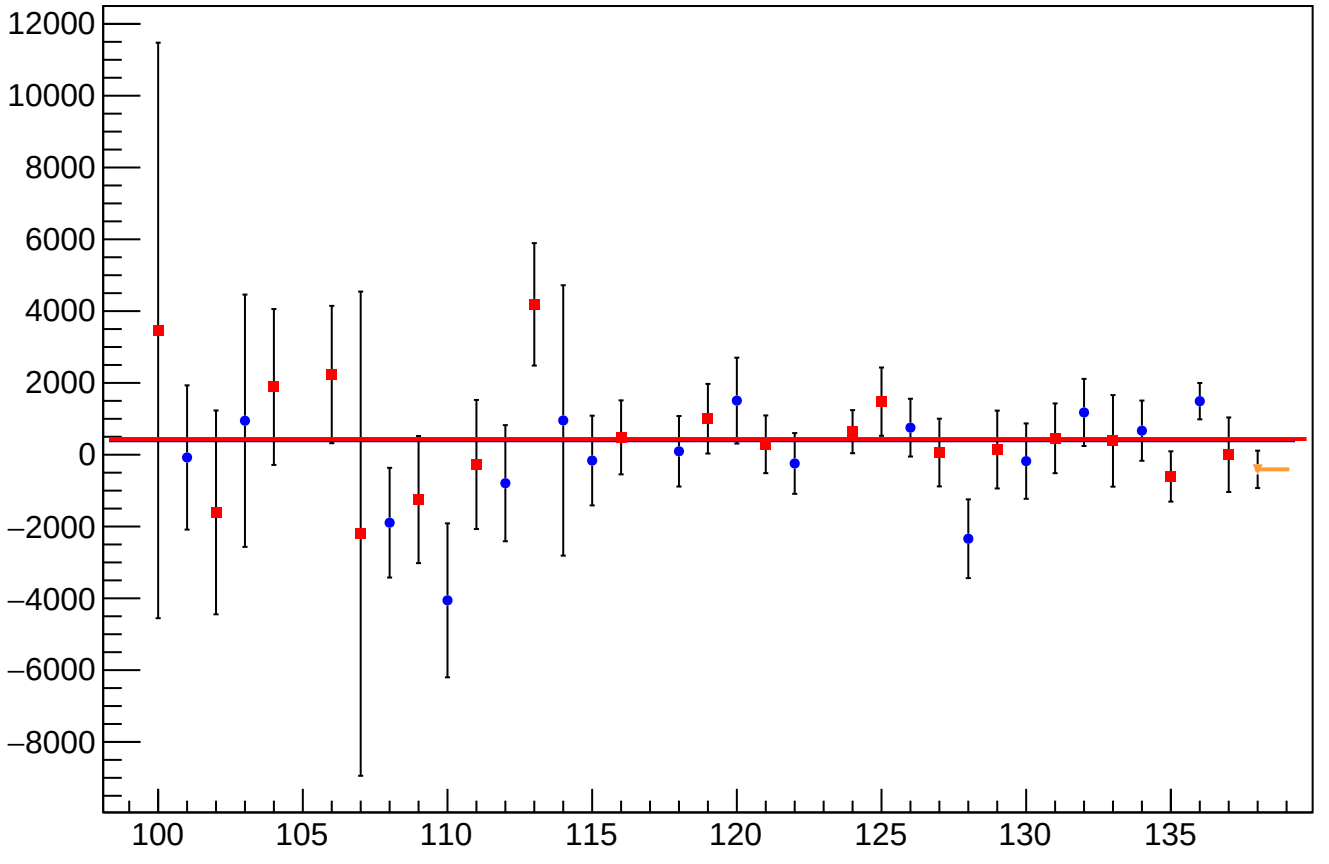
Right Out: 1971.357+/-0.521 χ^2/NDF: 383176.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1918.631+/-0.489 χ^2/NDF: 647718.3/16

All: 1943.330+/-0.356 χ^2/NDF: 1036342.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 402.701+/-258.564 χ^2/NDF: 21.1/15

Left Out: -407.962+/-520.752 χ^2/NDF:0.0/0

Right Out: 436.691+/-252.672 χ^2/NDF: 12.4/18

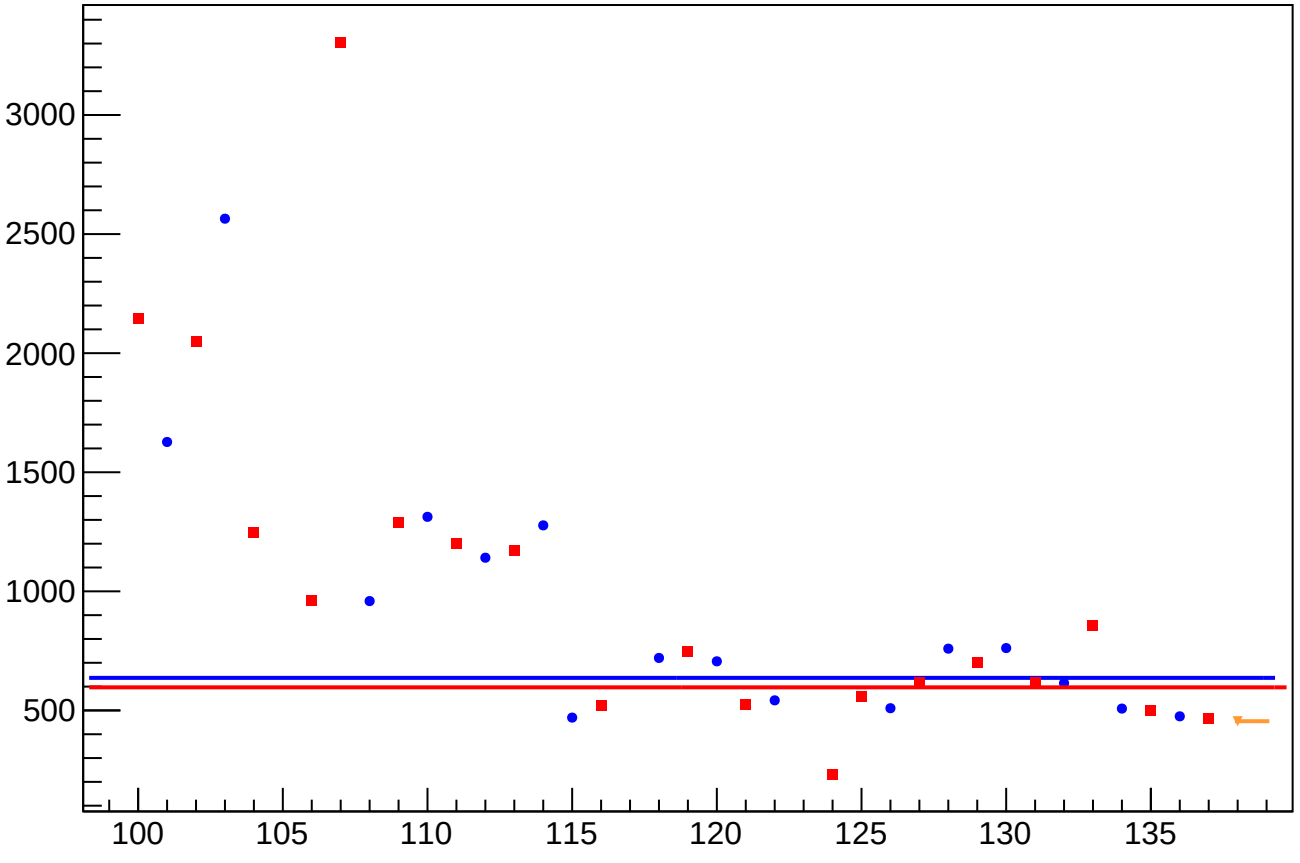
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 242.373+/-231.588 χ^2/NDF: 23.1/16

All: 331.087+/-170.726 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 636.698+/-0.183 χ^2/NDF: 2066022.1/15

Left Out: 454.706+/-0.368 χ^2/NDF:0.0/0

Right Out: 596.862+/-0.179 χ^2/NDF: 2930443.7/18

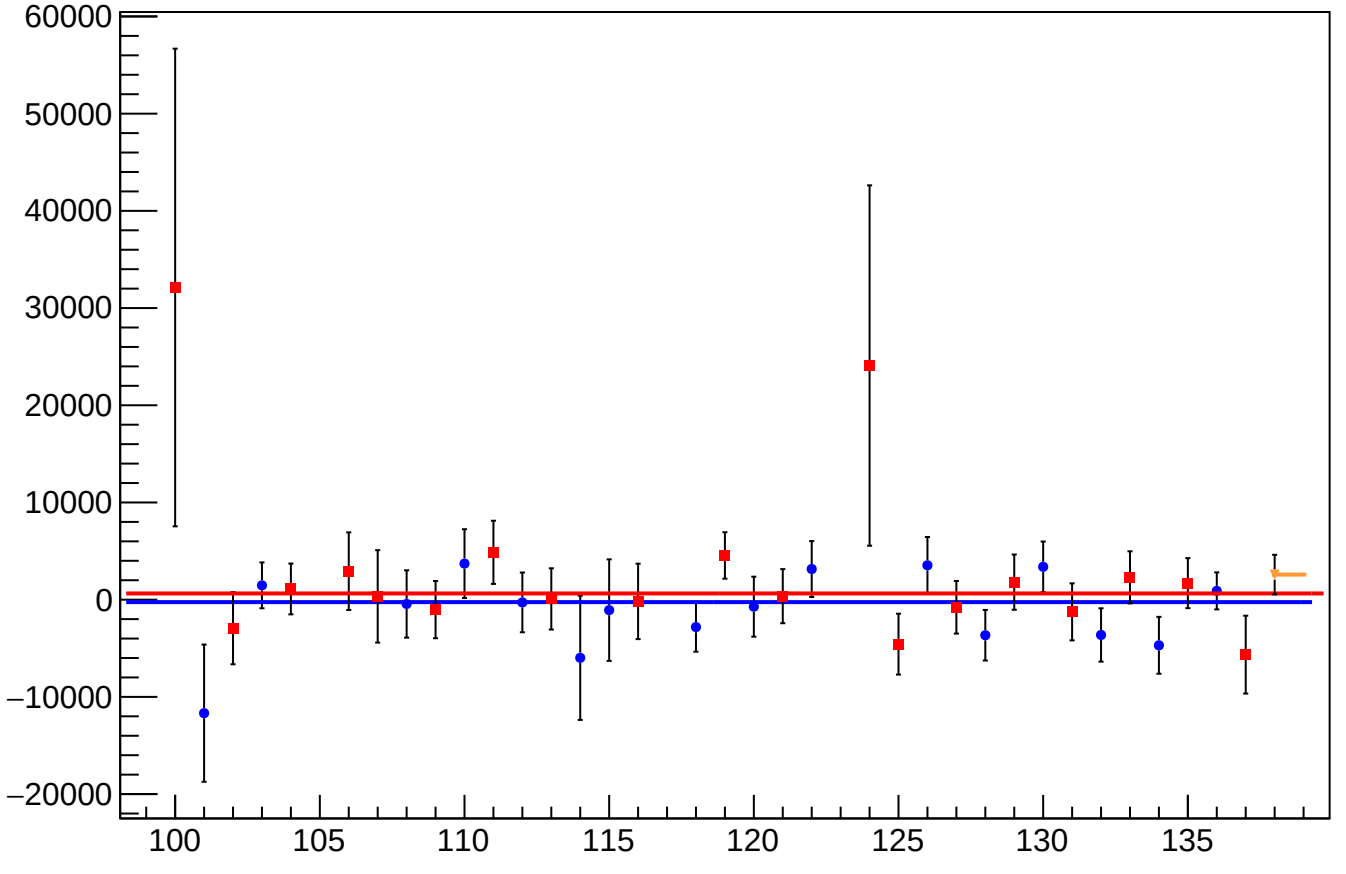
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 600.705+/-0.164 χ^2/NDF: 2261983.6/16

All: 598.950+/-0.121 χ^2/NDF: 5192678.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: -250.487+/-735.112 χ^2/NDF: 17.2/15

Left Out: 2580.485+/-2036.445 χ^2/NDF:0.0/0

Right Out: 640.865+/-736.549 χ^2/NDF: 16.0/18

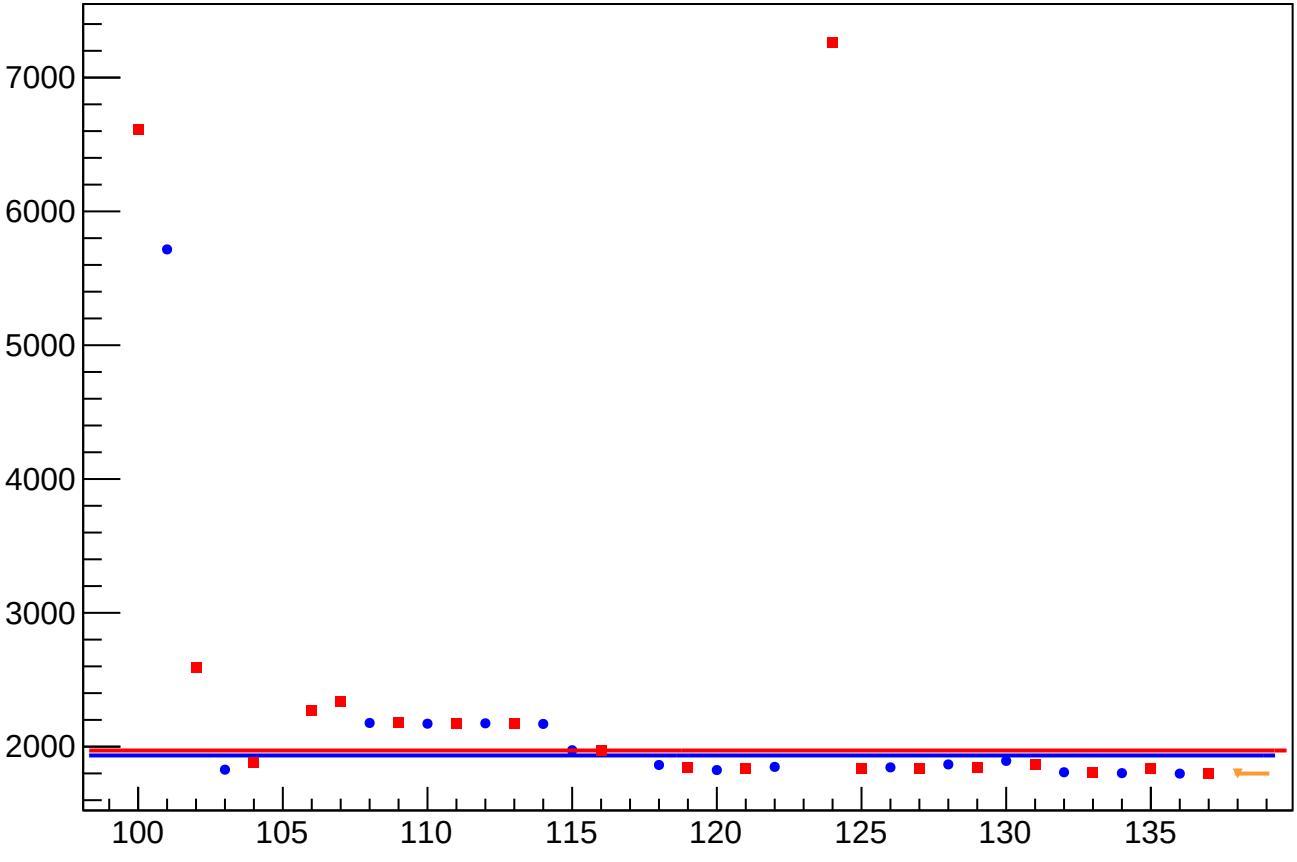
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.876+/-691.441 χ^2/NDF: 19.0/16

All: 340.541+/-504.116 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 1934.217+/-0.520 χ^2/NDF: 639919.9/15

Left Out: 1799.022+/-1.440 χ^2/NDF:0.0/0

Right Out: 1971.357+/-0.521 χ^2/NDF: 383176.6/18

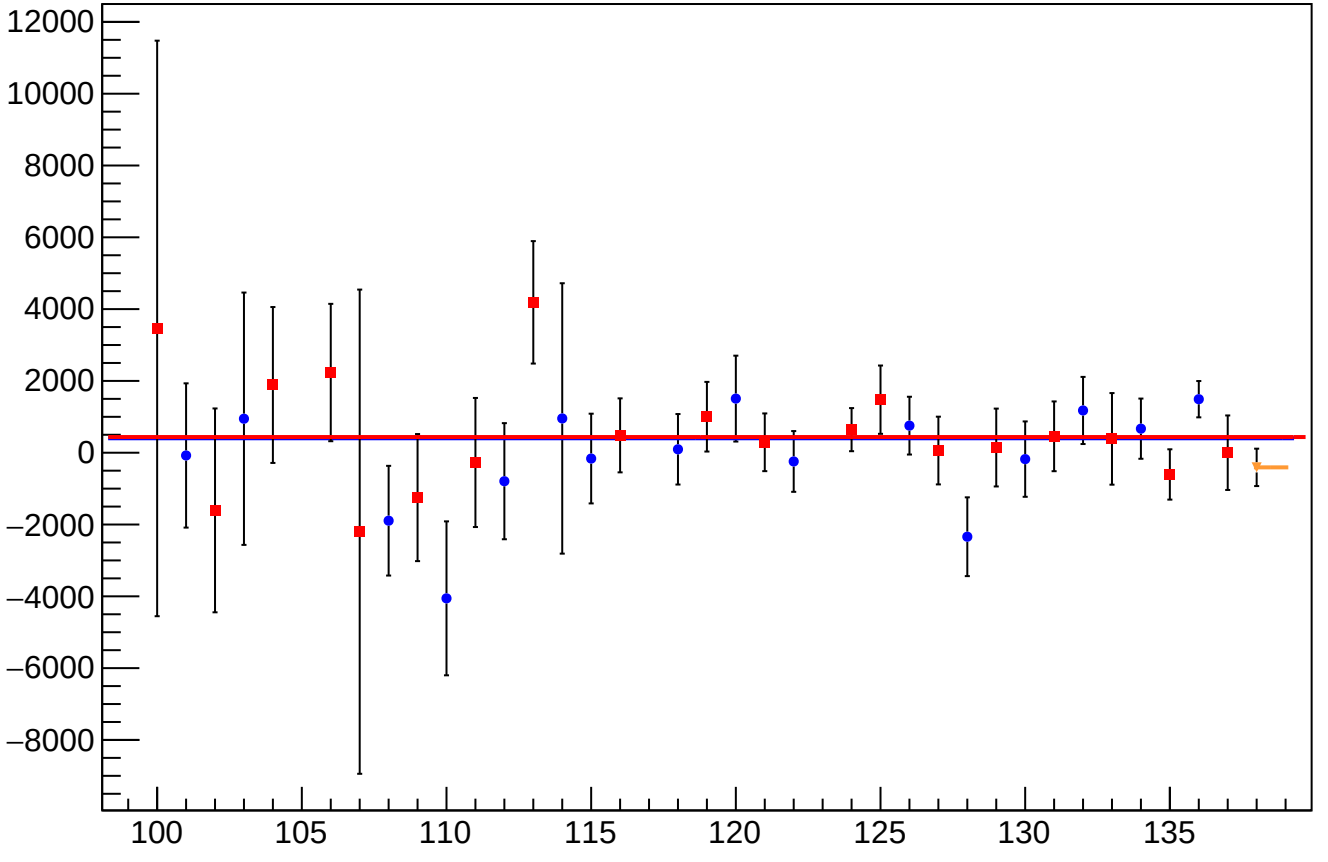
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1918.631+/-0.489 χ^2/NDF: 647718.3/16

All: 1943.330+/-0.356 χ^2/NDF: 1036342.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: 402.701+/-258.564 χ^2/NDF: 21.1/15

Left Out: -407.962+/-520.752 χ^2/NDF:0.0/0

Right Out: 436.691+/-252.672 χ^2/NDF: 12.4/18

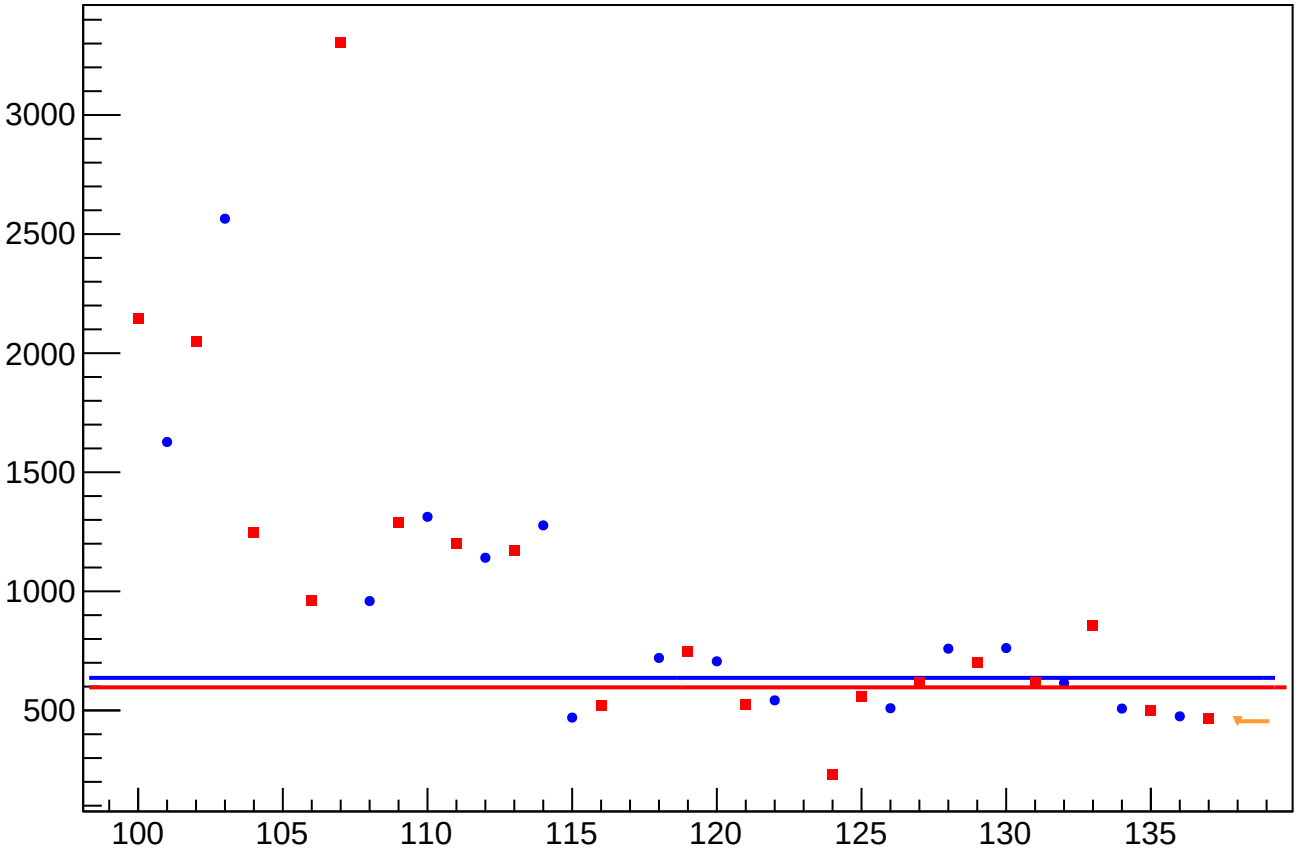
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 242.373+/-231.588 χ^2/NDF: 23.1/16

All: 331.087+/-170.726 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 636.698+/-0.183 χ^2/NDF: 2066022.1/15

Left Out: 454.706+/-0.368 χ^2/NDF:0.0/0

Right Out: 596.862+/-0.179 χ^2/NDF: 2930443.7/18

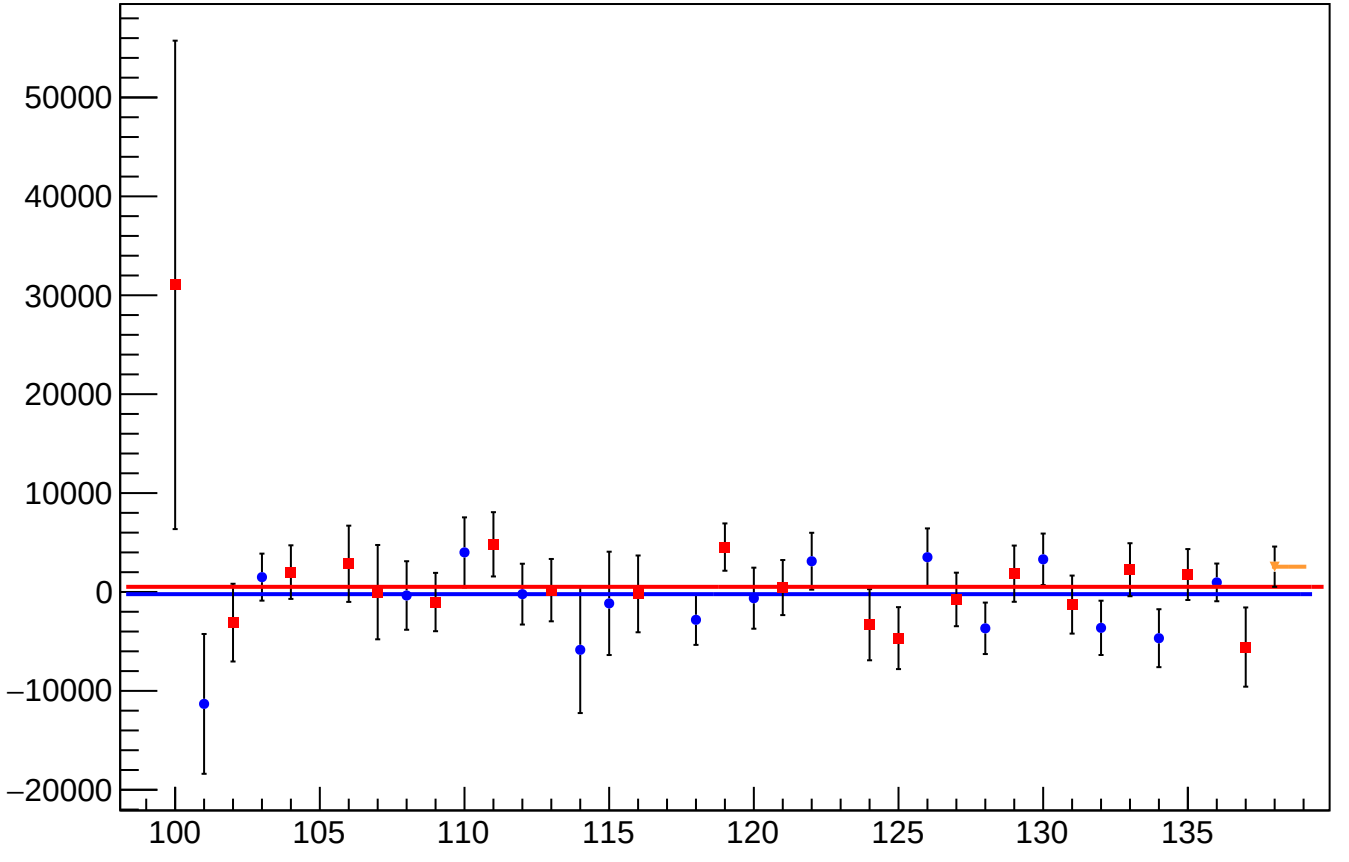
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 600.705+/-0.164 χ^2/NDF: 2261983.6/16

All: 598.950+/-0.121 χ^2/NDF: 5192678.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: -220.393+/-735.888 χ^2/NDF: 17.1/15

Left Out: 2555.421+/-2036.962 χ^2/NDF:0.0/0

Right Out: 520.265+/-724.980 χ^2/NDF: 15.6/18

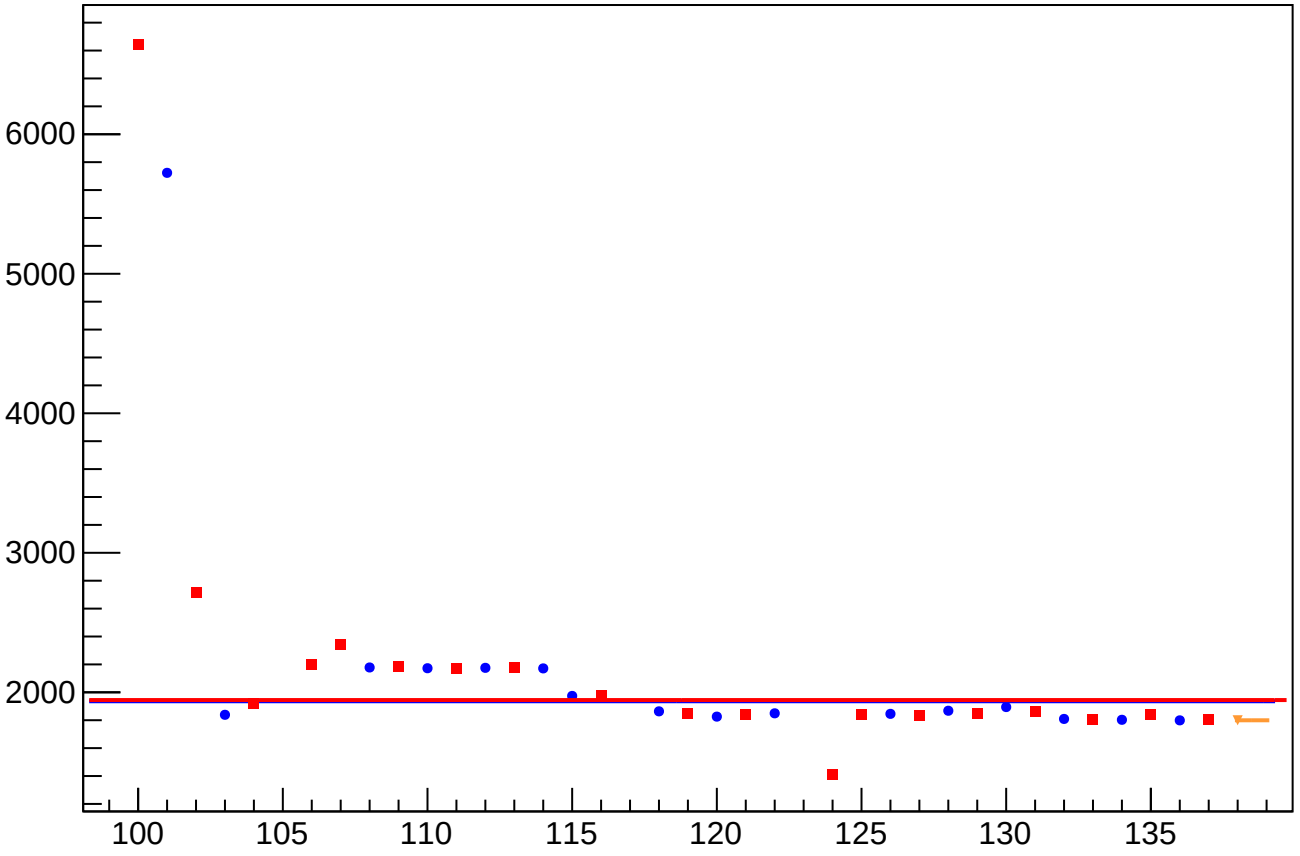
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 100.066+/-692.108 χ^2/NDF: 18.8/16

All: 300.423+/-500.612 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 1935.974+/-0.520 χ^2/NDF: 639808.0/15

Left Out: 1799.479+/-1.440 χ^2/NDF:0.0/0

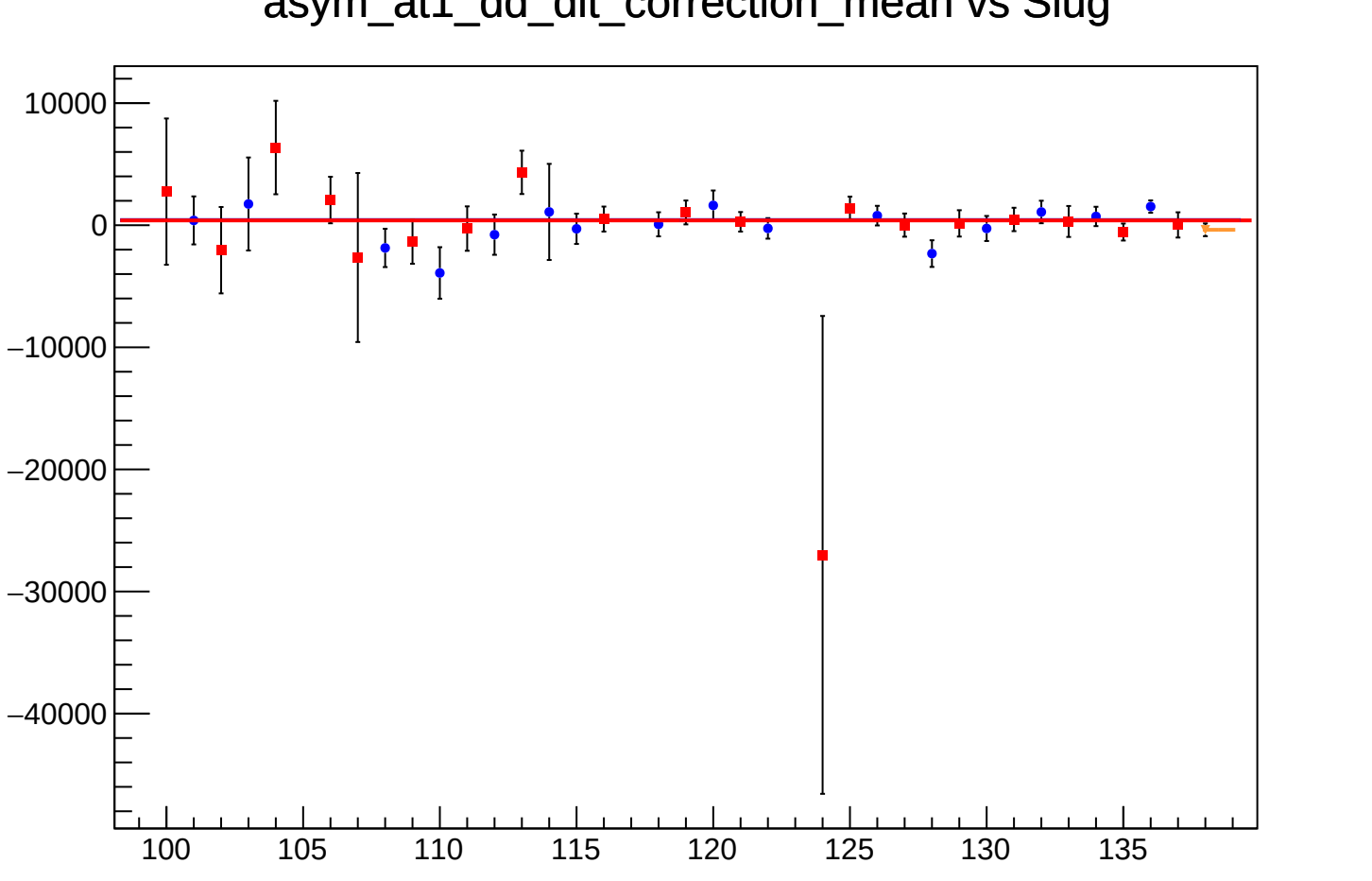
Right Out: 1944.495+/-0.513 χ^2/NDF: 276223.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1920.216+/-0.489 χ^2/NDF: 647751.6/16

All: 1931.793+/-0.354 χ^2/NDF: 925148.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 421.145+/-256.749 χ^2/NDF: 21.5/15

Left Out: -375.899+/-523.417 χ^2/NDF:0.0/0

Right Out: 393.590+/-279.562 χ^2/NDF: 15.9/18

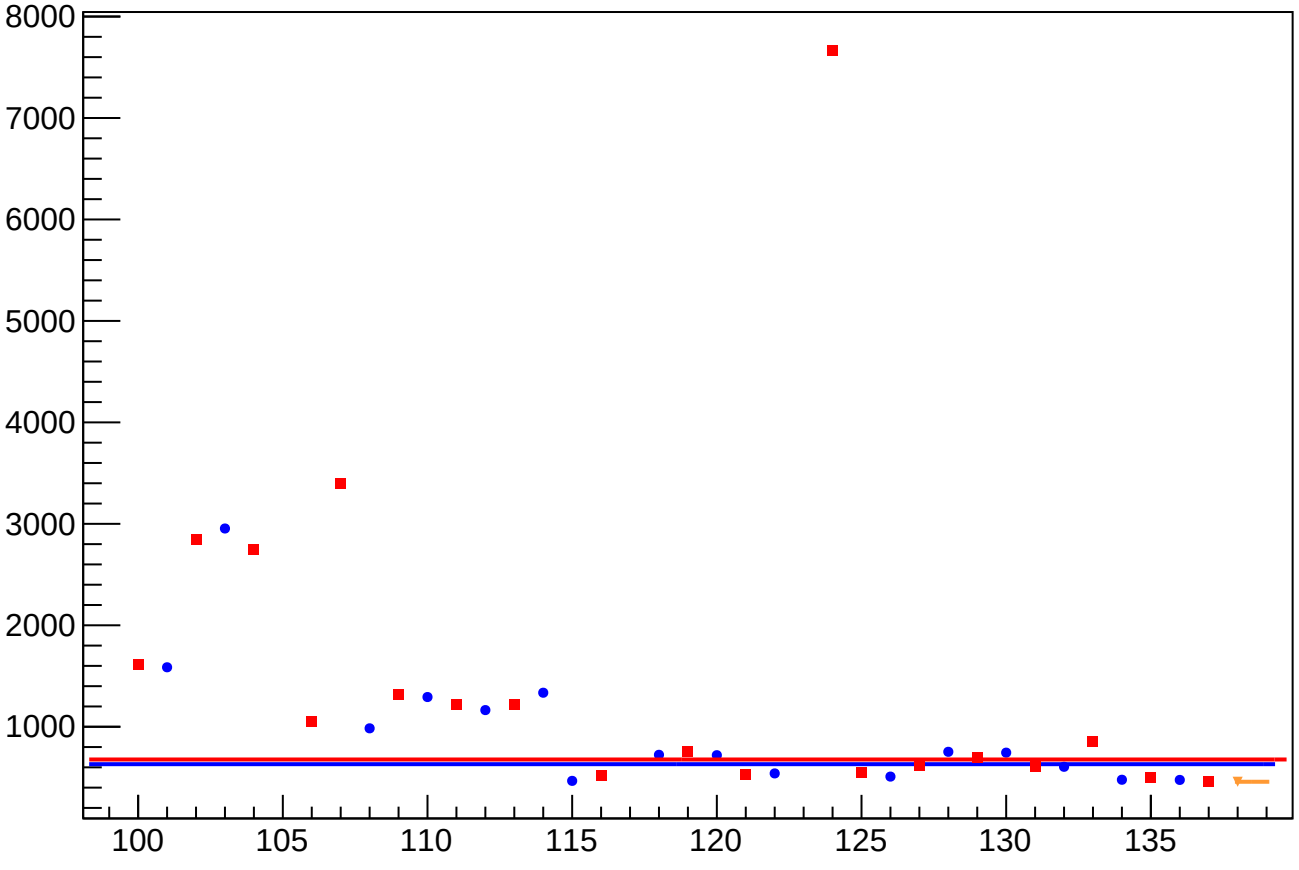
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 266.560+/-230.511 χ^2/NDF: 23.4/16

All: 317.971+/-177.850 χ^2/NDF: 39.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 631.140+/-0.182 χ^2/NDF: 2234480.1/15

Left Out: 457.867+/-0.370 χ^2/NDF:0.0/0

Right Out: 677.438+/-0.198 χ^2/NDF: 3081569.8/18

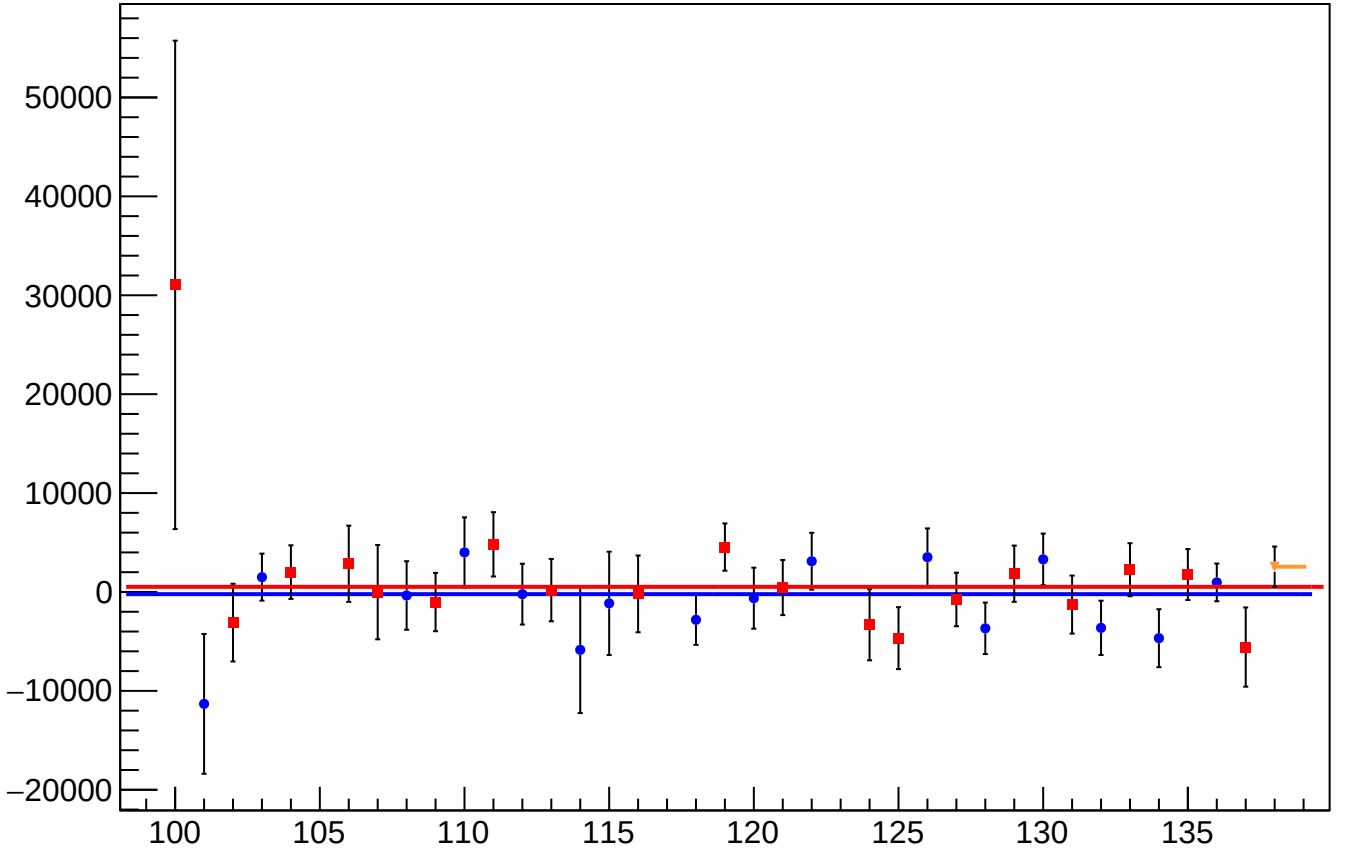
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 597.534+/-0.163 χ^2/NDF: 2411148.3/16

All: 629.872+/-0.126 χ^2/NDF: 5589977.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: -220.393+/-735.888 χ^2/NDF: 17.1/15

Left Out: 2555.424+/-2036.962 χ^2/NDF:0.0/0

Right Out: 520.265+/-724.980 χ^2/NDF: 15.6/18

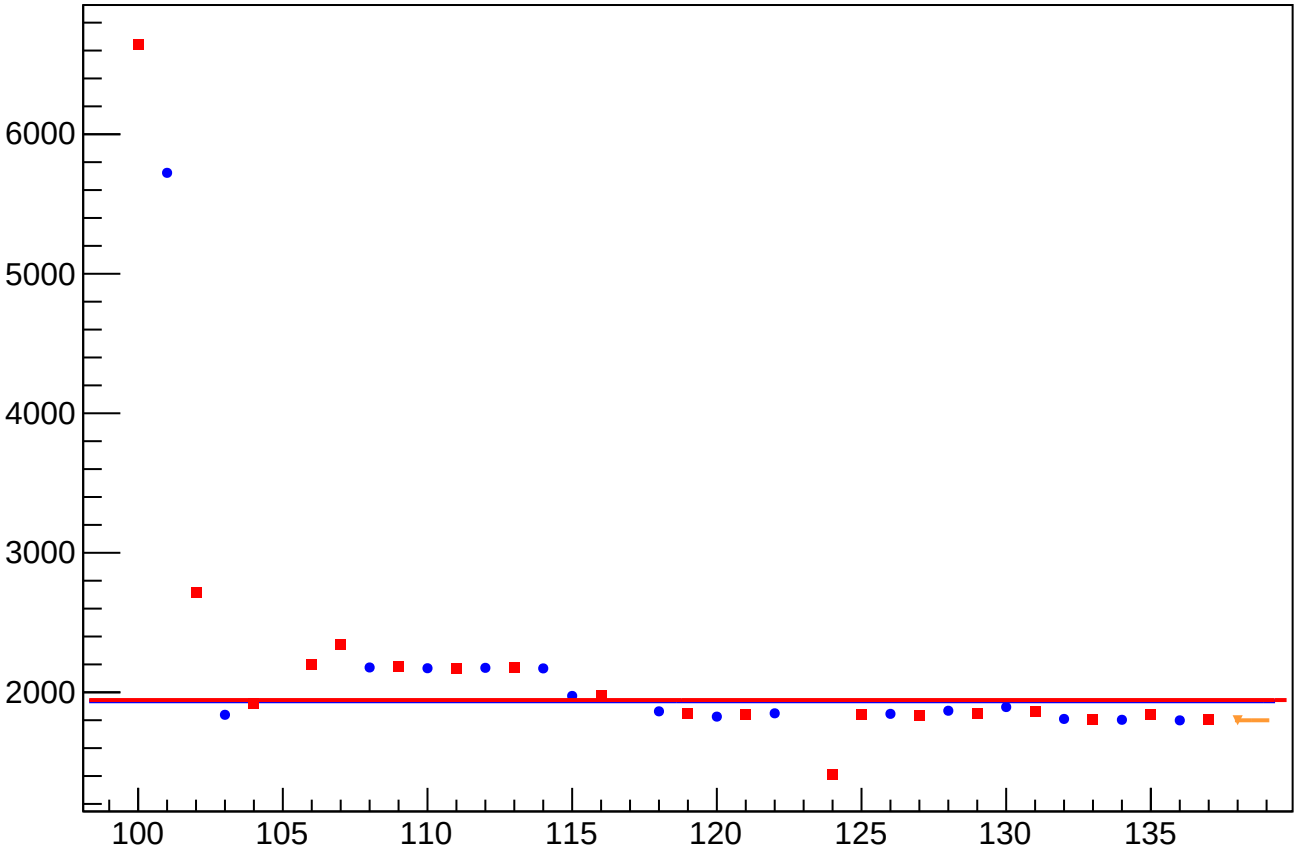
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 100.066+/-692.108 χ^2/NDF: 18.8/16

All: 300.423+/-500.612 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 1935.974+/-0.520 χ^2/NDF: 639808.0/15

Left Out: 1799.479+/-1.440 χ^2/NDF:0.0/0

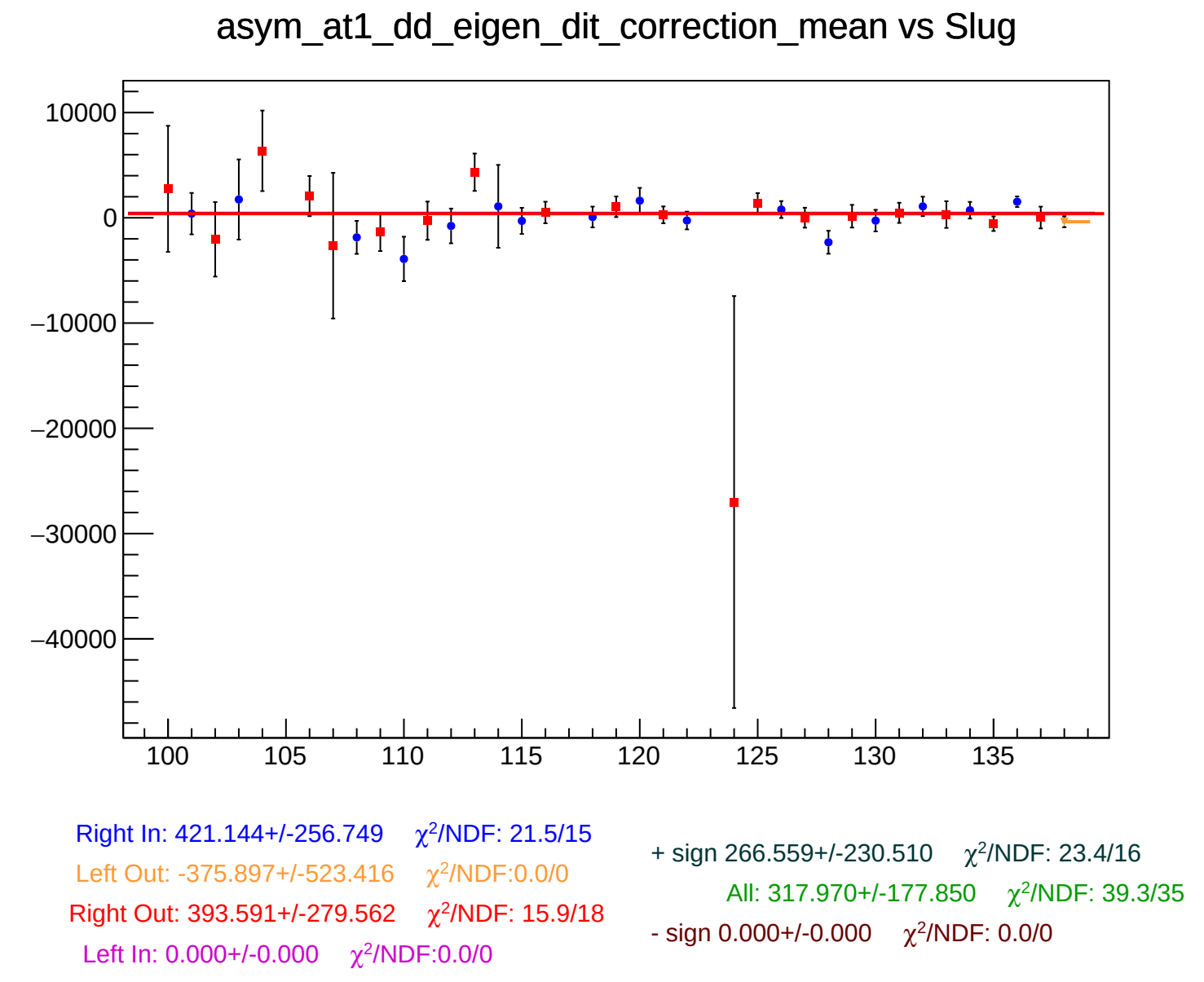
Right Out: 1944.495+/-0.513 χ^2/NDF: 276223.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

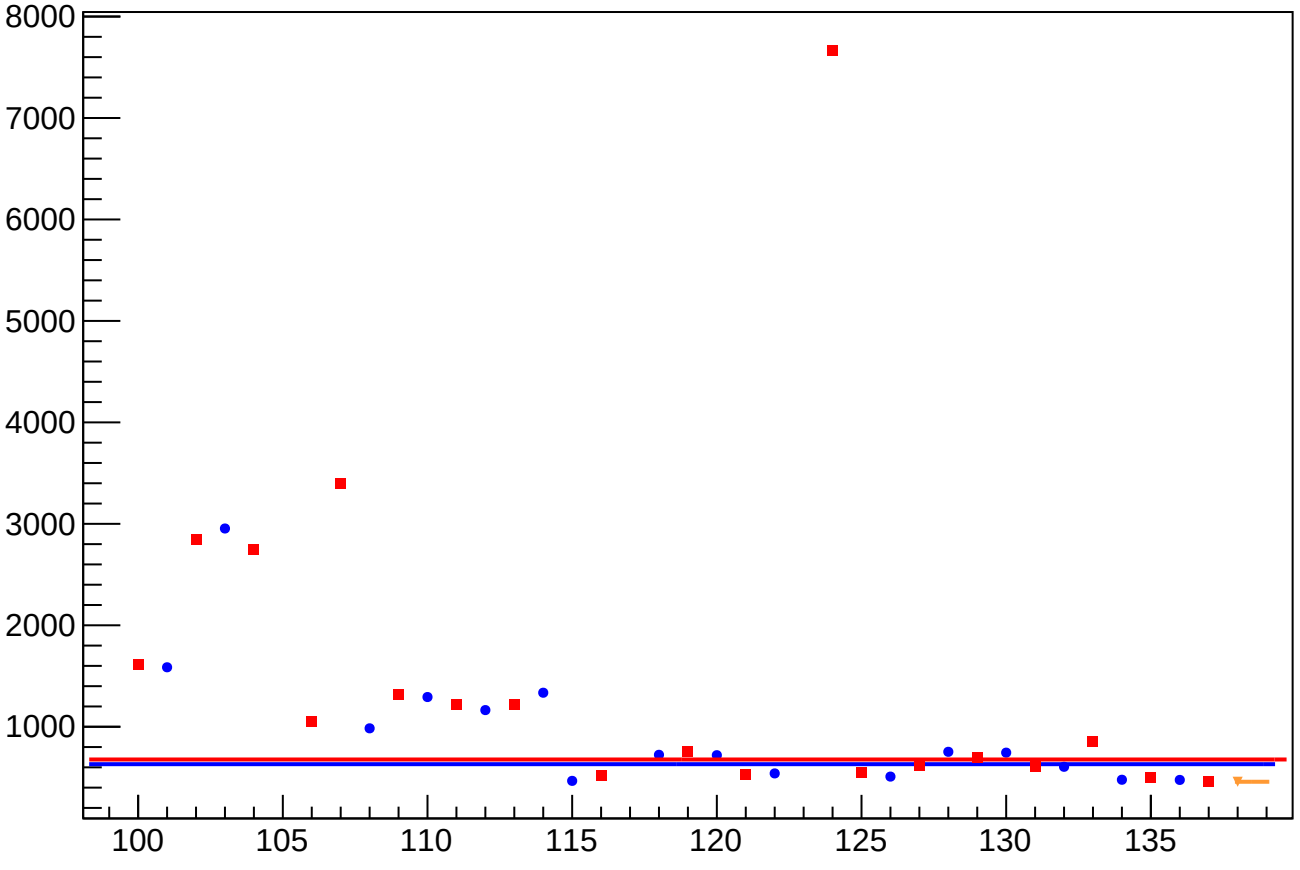
+ sign 1920.216+/-0.489 χ^2/NDF: 647751.7/16

All: 1931.793+/-0.354 χ^2/NDF: 925148.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at1_dd_eigen_dit_correction_mean vs Slug
10000
0
−10000
−20000
−30000
−40000
100
105
110
115
120
125
130
135
Right In: 421.144+/-256.749 χ²/NDF: 21.5/15
Left Out: -375.897+/-523.416 χ²/NDF:0.0/0
Right Out: 393.591+/-279.562 χ²/NDF: 15.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 266.559+/-230.510 χ²/NDF: 23.4/16
All: 317.970+/-177.850 χ²/NDF: 39.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 631.139+/-0.182 χ^2/NDF: 2234479.1/15

Left Out: 457.865+/-0.370 χ^2/NDF:0.0/0

Right Out: 677.437+/-0.198 χ^2/NDF: 3081570.5/18

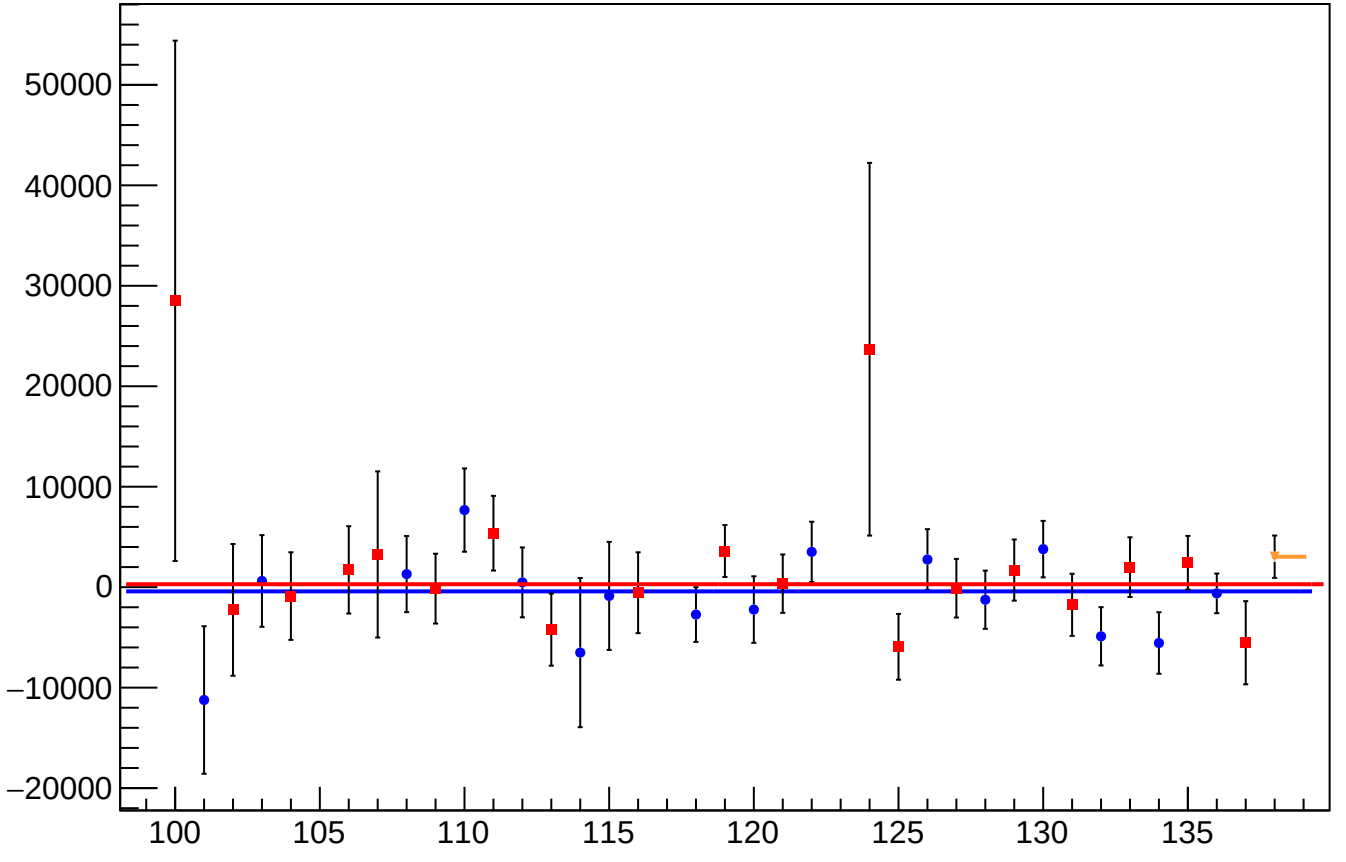
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 597.533+/-0.163 χ^2/NDF: 2411150.4/16

All: 629.872+/-0.126 χ^2/NDF: 5589981.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_mean vs Slug



Right In: -417.662+/-815.370 χ^2/NDF: 18.3/15

Left Out: 3032.371+/-2107.376 χ^2/NDF:0.0/0

Right Out: 294.527+/-831.610 χ^2/NDF: 15.6/18

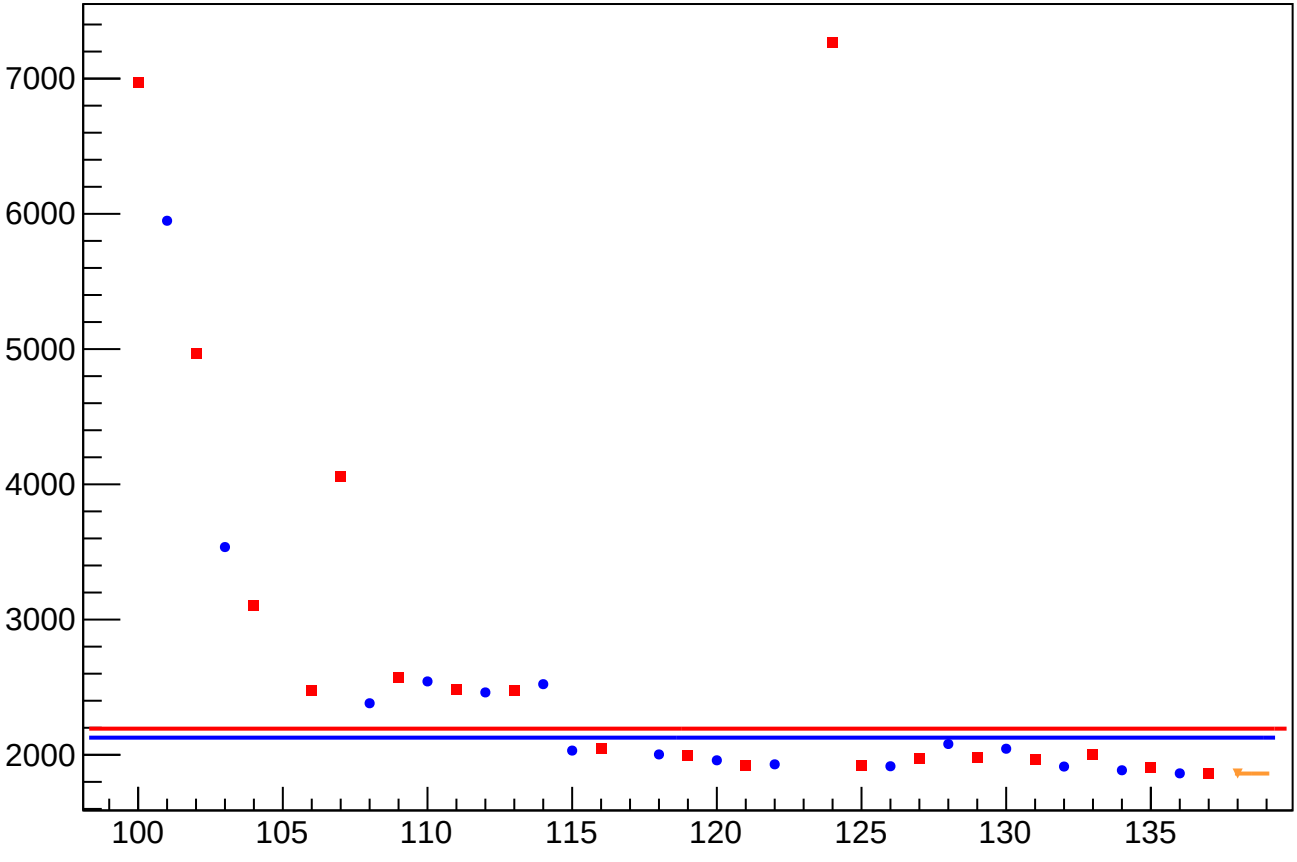
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 31.563+/-760.435 χ^2/NDF: 20.7/16

All: 151.312+/-561.187 χ^2/NDF: 36.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_rms vs Slug



Right In: 2127.041+/-0.577 χ^2/NDF: 875078.1/15

Left Out: 1861.642+/-1.490 χ^2/NDF:0.0/0

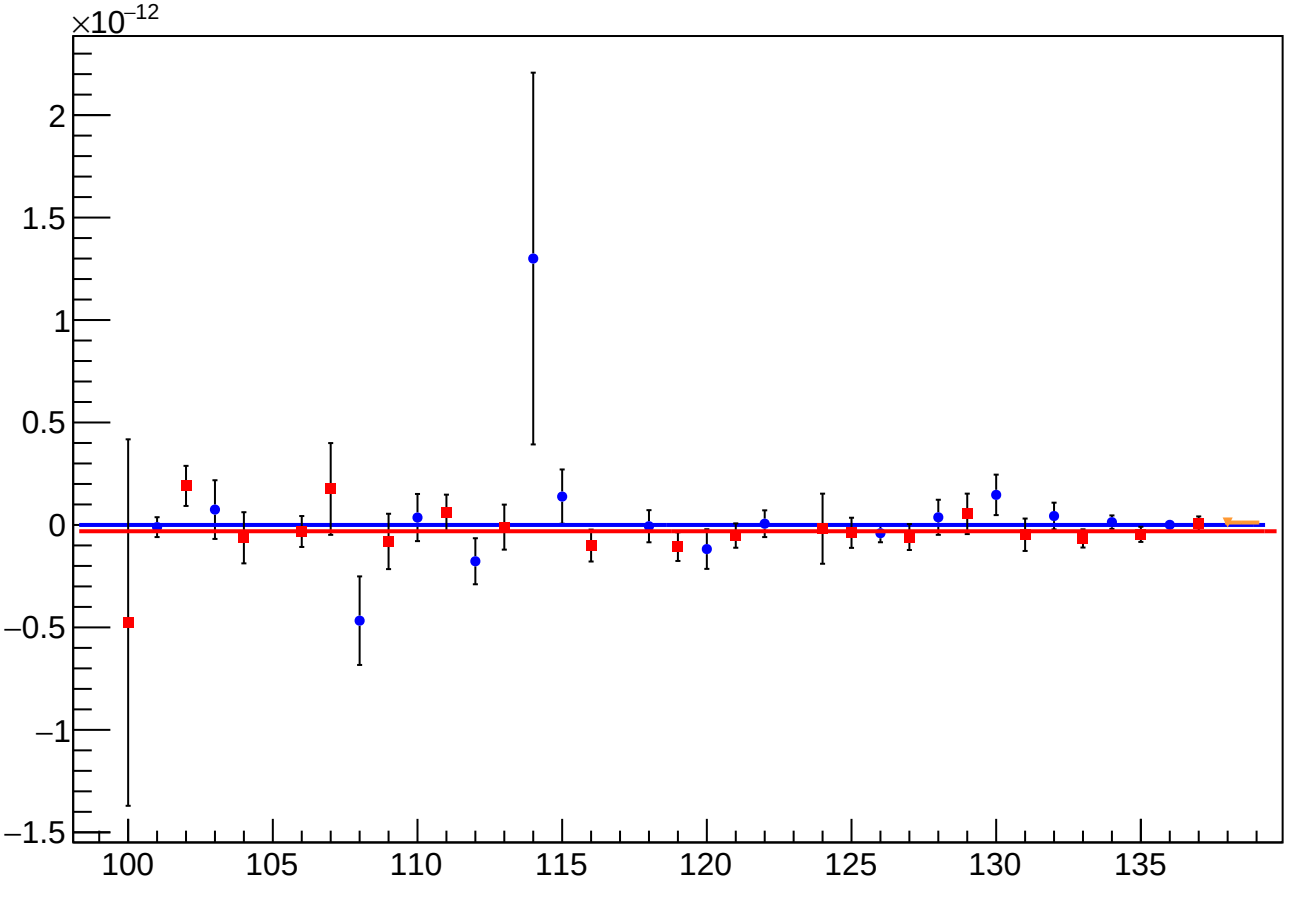
Right Out: 2193.560+/-0.588 χ^2/NDF: 942581.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2092.484+/-0.538 χ^2/NDF: 902668.7/16

All: 2138.512+/-0.397 χ^2/NDF: 1861340.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

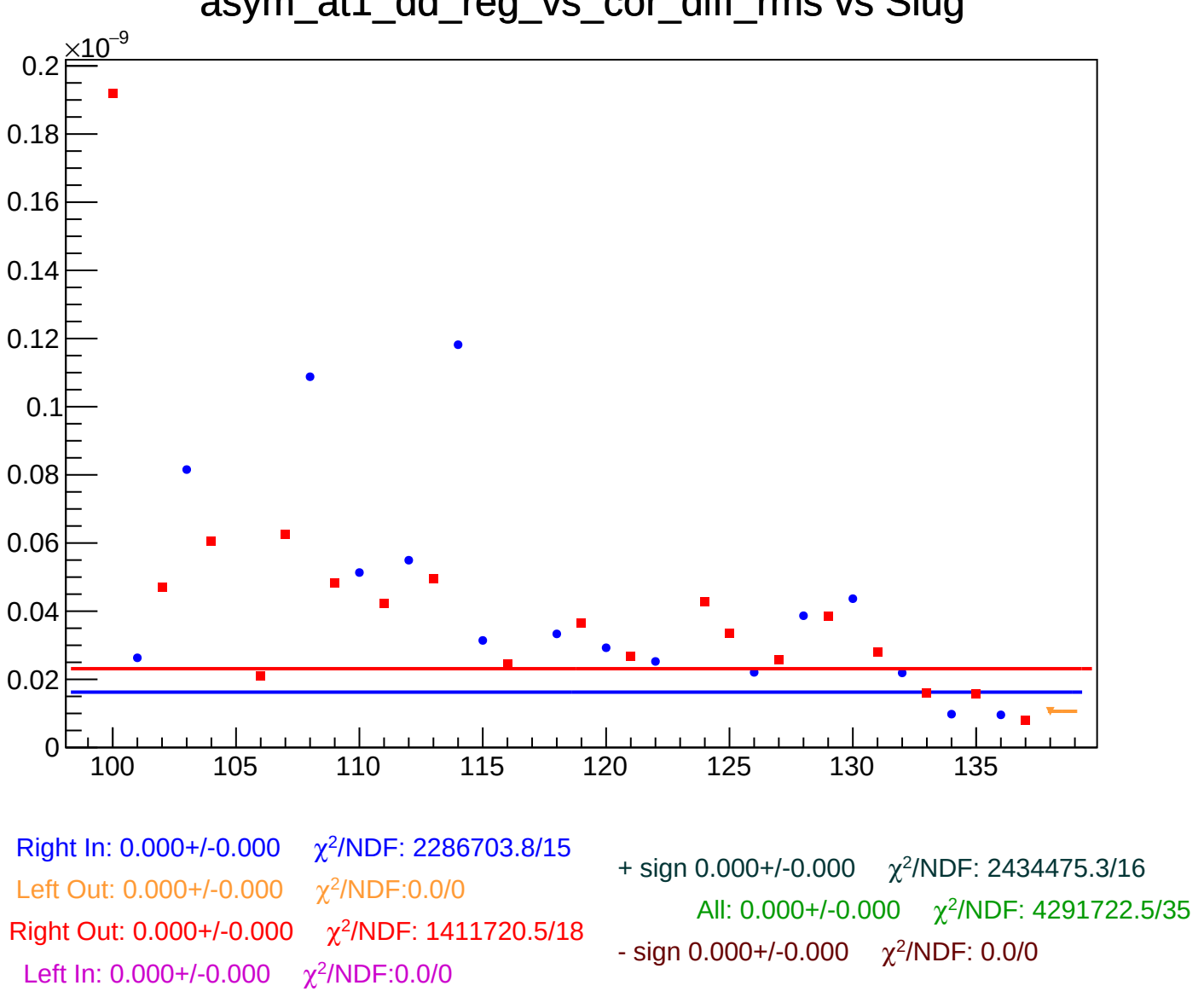
Right Out: -0.000+/-0.000 χ^2/NDF: 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

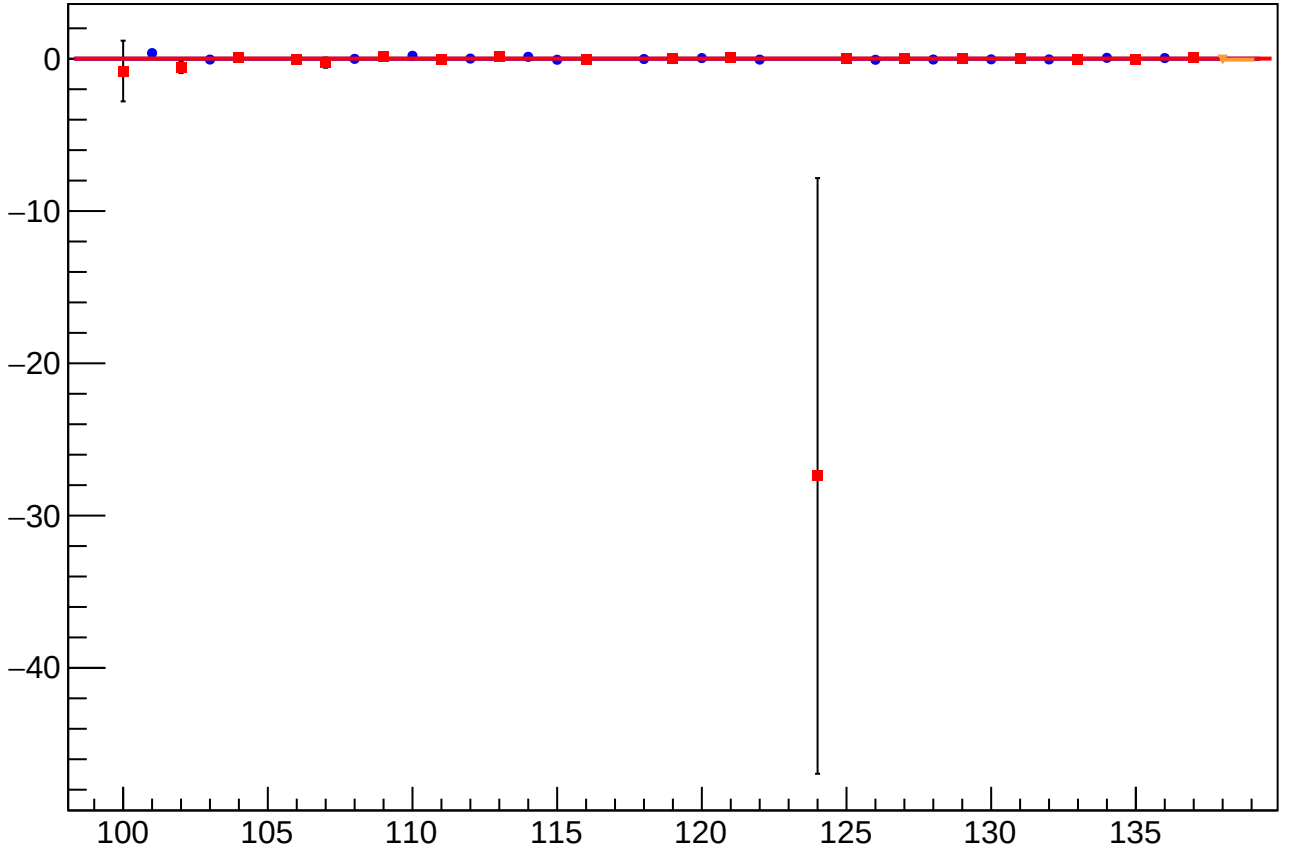
+ sign 0.000+/-0.000 χ^2/NDF: 16.4/16

All: -0.000+/-0.000 χ^2/NDF: 32.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at1_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2286703.8/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1411720.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2434475.3/16
All: 0.000+/-0.000 χ²/NDF: 4291722.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002+/-0.015 χ^2/NDF: 21.0/15

Left Out: -0.057+/-0.037 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.015 χ^2/NDF: 14.2/18

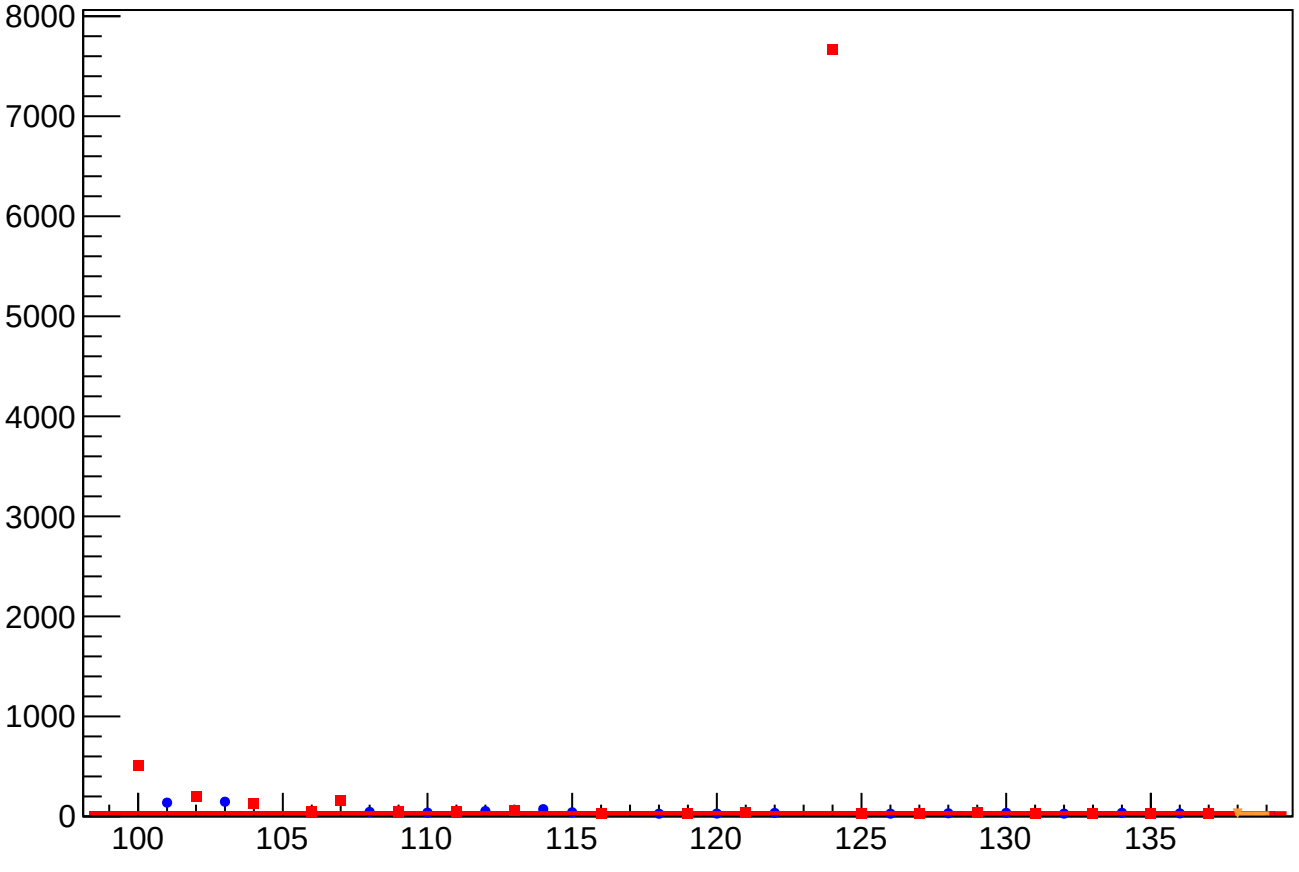
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.014 χ^2/NDF: 23.2/16

All: 0.002+/-0.010 χ^2/NDF: 38.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 34.055+/-0.010 χ^2/NDF: 1717266.1/15

Left Out: 30.278+/-0.026 χ^2/NDF:0.0/0

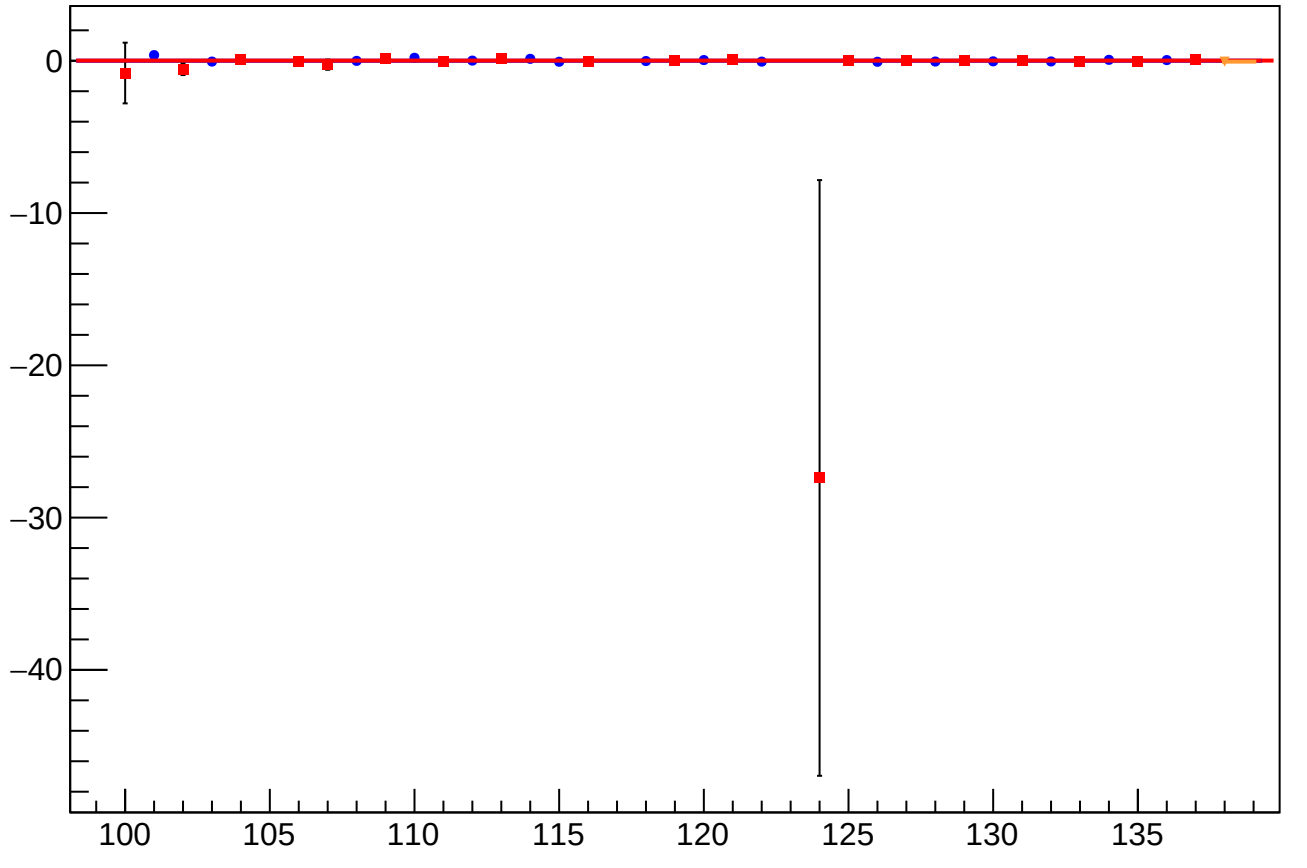
Right Out: 33.084+/-0.011 χ^2/NDF: 2075124.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.530+/-0.010 χ^2/NDF: 1735498.5/16

All: 33.325+/-0.007 χ^2/NDF: 3811599.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.015 χ^2/NDF: 21.0/15

Left Out: -0.057+/-0.037 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.015 χ^2/NDF: 14.2/18

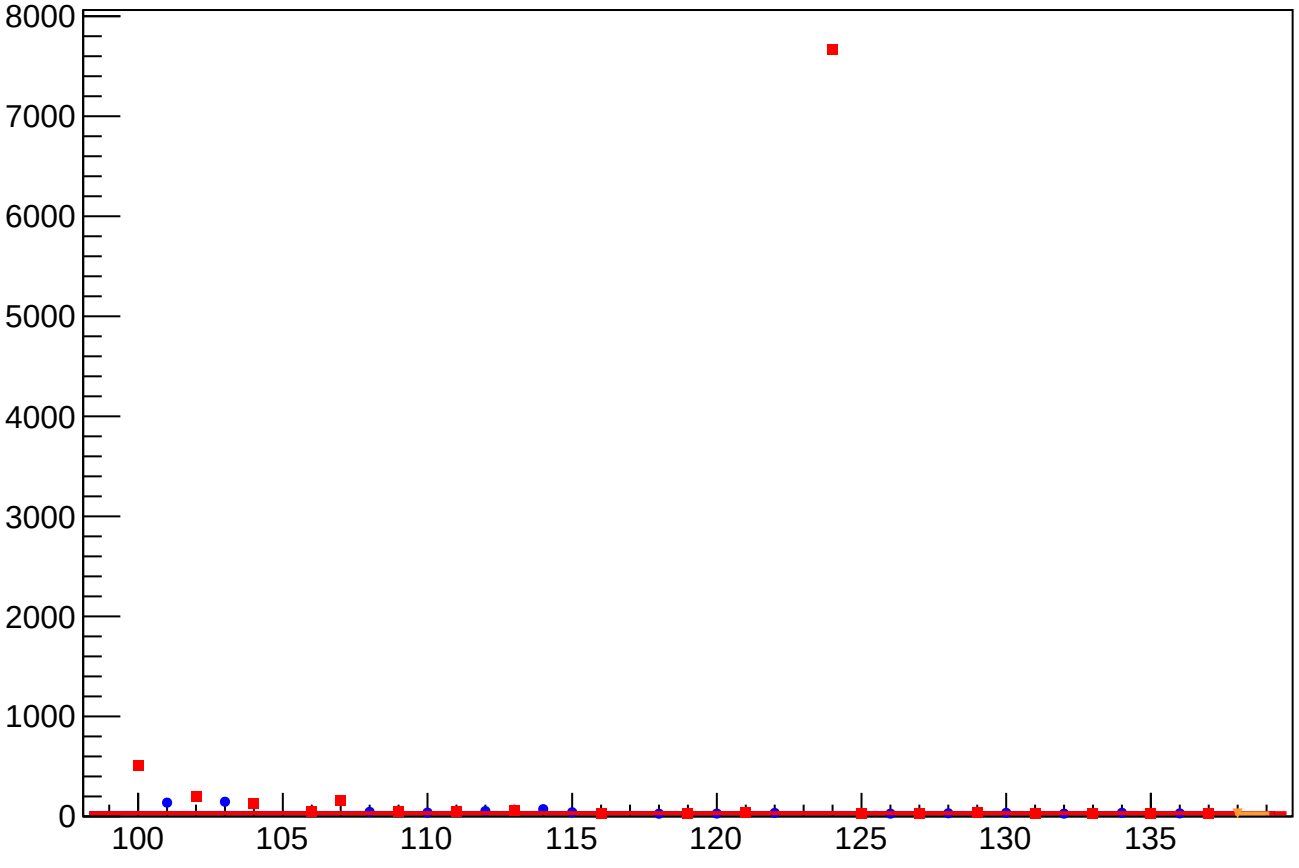
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.014 χ^2/NDF: 23.2/16

All: 0.002+/-0.010 χ^2/NDF: 38.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.055+/-0.010 χ^2/NDF: 1717266.1/15

Left Out: 30.278+/-0.026 χ^2/NDF:0.0/0

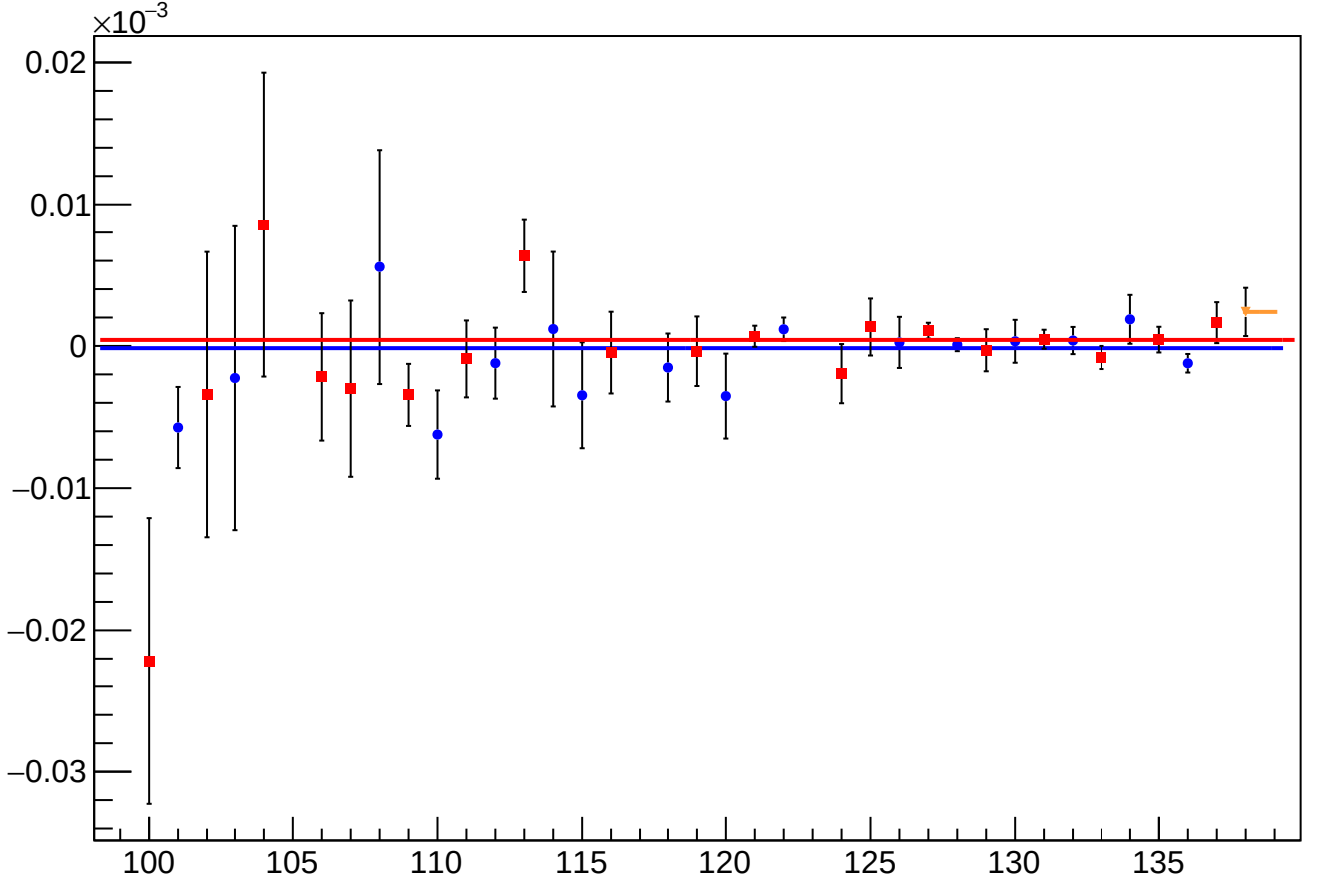
Right Out: 33.084+/-0.011 χ^2/NDF: 2075124.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.530+/-0.010 χ^2/NDF: 1735498.5/16

All: 33.325+/-0.007 χ^2/NDF: 3811599.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

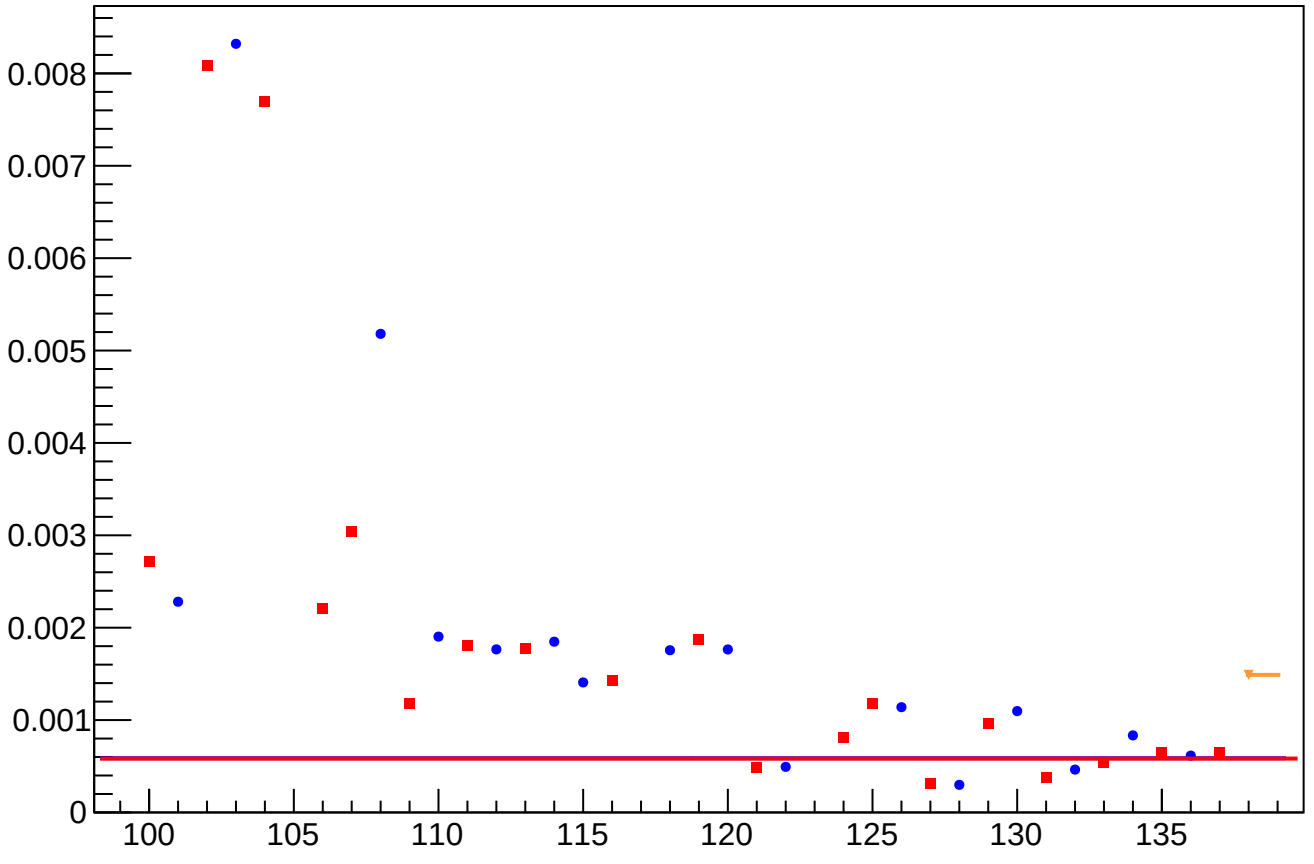
Right Out: 0.000+/-0.000 χ^2/NDF: 21.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 20.4/16

All: 0.000+/-0.000 χ^2/NDF: 43.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 5485949.6/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

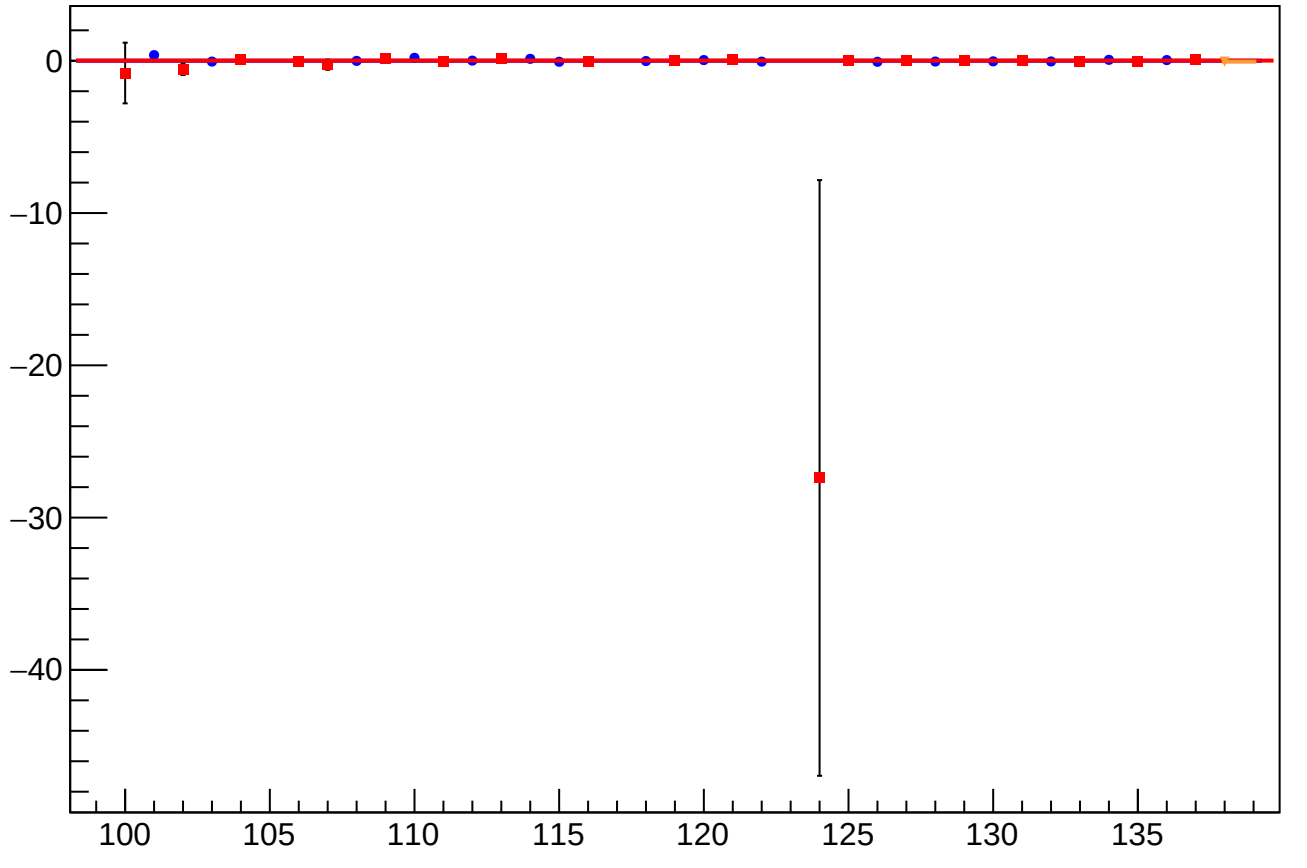
Right Out: 0.001+/-0.000 χ^2/NDF: 5431787.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 6033901.7/16

All: 0.001+/-0.000 χ^2/NDF: 11476385.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.015 χ^2/NDF: 21.0/15

Left Out: -0.057+/-0.037 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.015 χ^2/NDF: 14.2/18

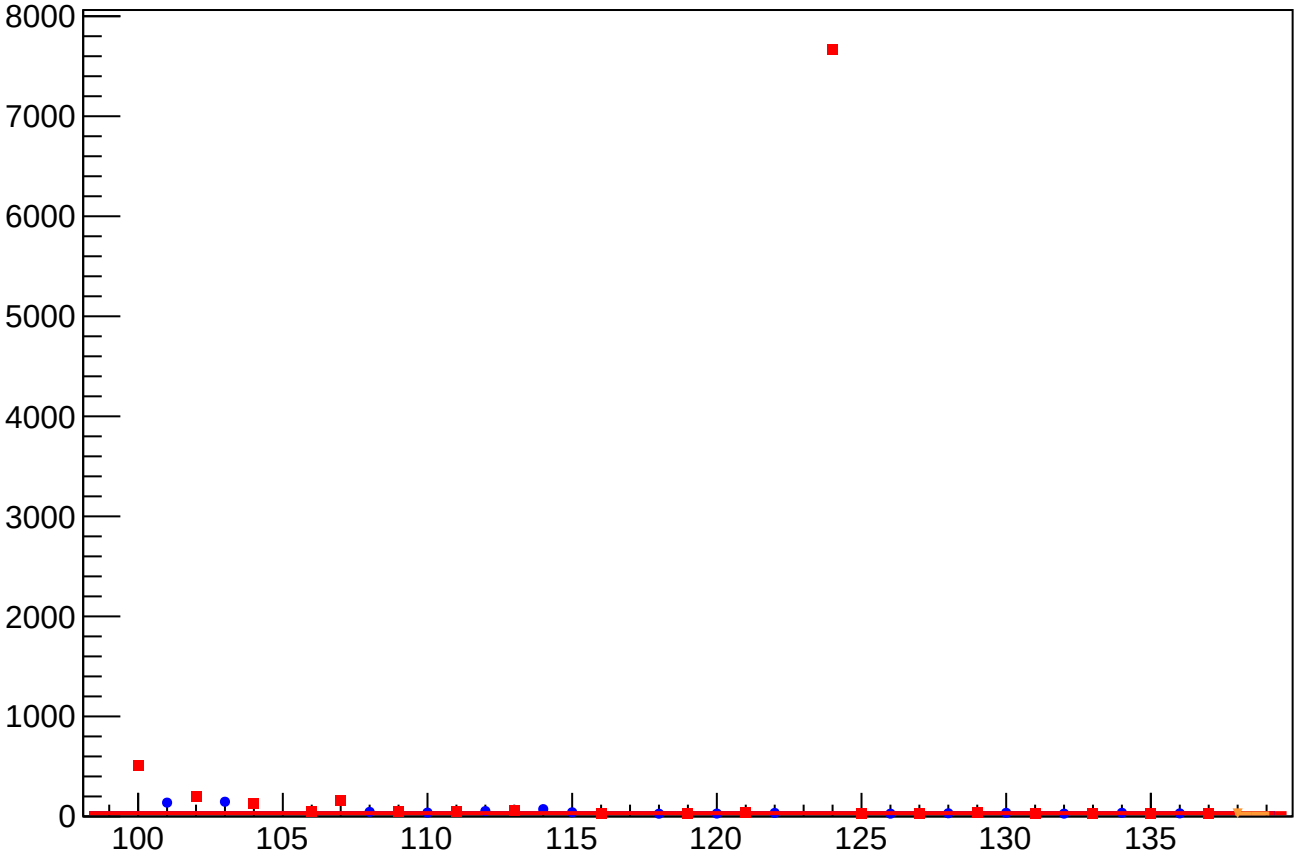
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.014 χ^2/NDF: 23.2/16

All: 0.002+/-0.010 χ^2/NDF: 38.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 34.055+/-0.010 χ^2/NDF: 1717254.5/15

Left Out: 30.277+/-0.026 χ^2/NDF:0.0/0

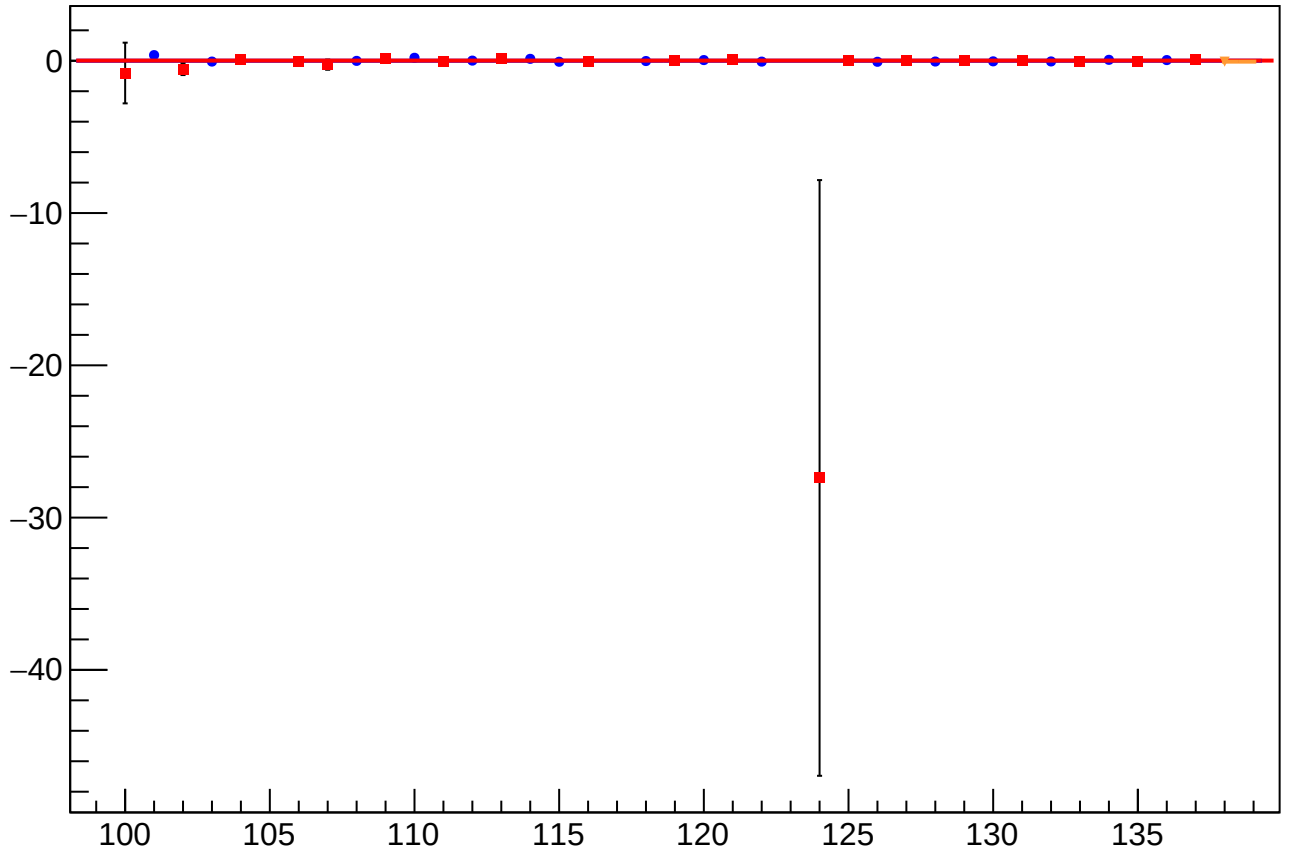
Right Out: 33.083+/-0.011 χ^2/NDF: 2075105.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.530+/-0.010 χ^2/NDF: 1735492.6/16

All: 33.325+/-0.007 χ^2/NDF: 3811574.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.015 χ^2/NDF: 21.0/15

Left Out: -0.057+/-0.037 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.015 χ^2/NDF: 14.2/18

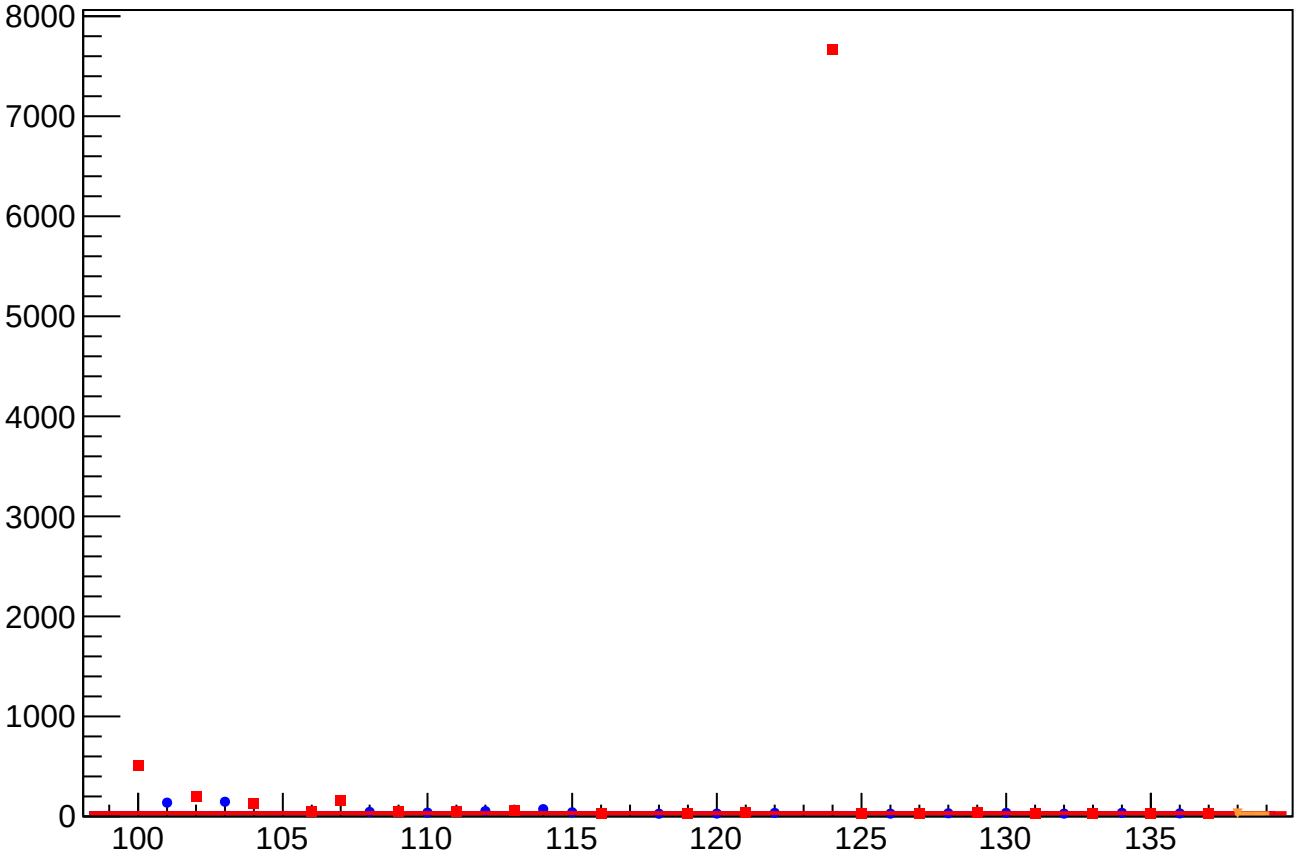
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.007+/-0.014 χ^2/NDF: 23.2/16

All: 0.002+/-0.010 χ^2/NDF: 38.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.055+/-0.010 χ^2/NDF: 1717254.5/15

Left Out: 30.277+/-0.026 χ^2/NDF:0.0/0

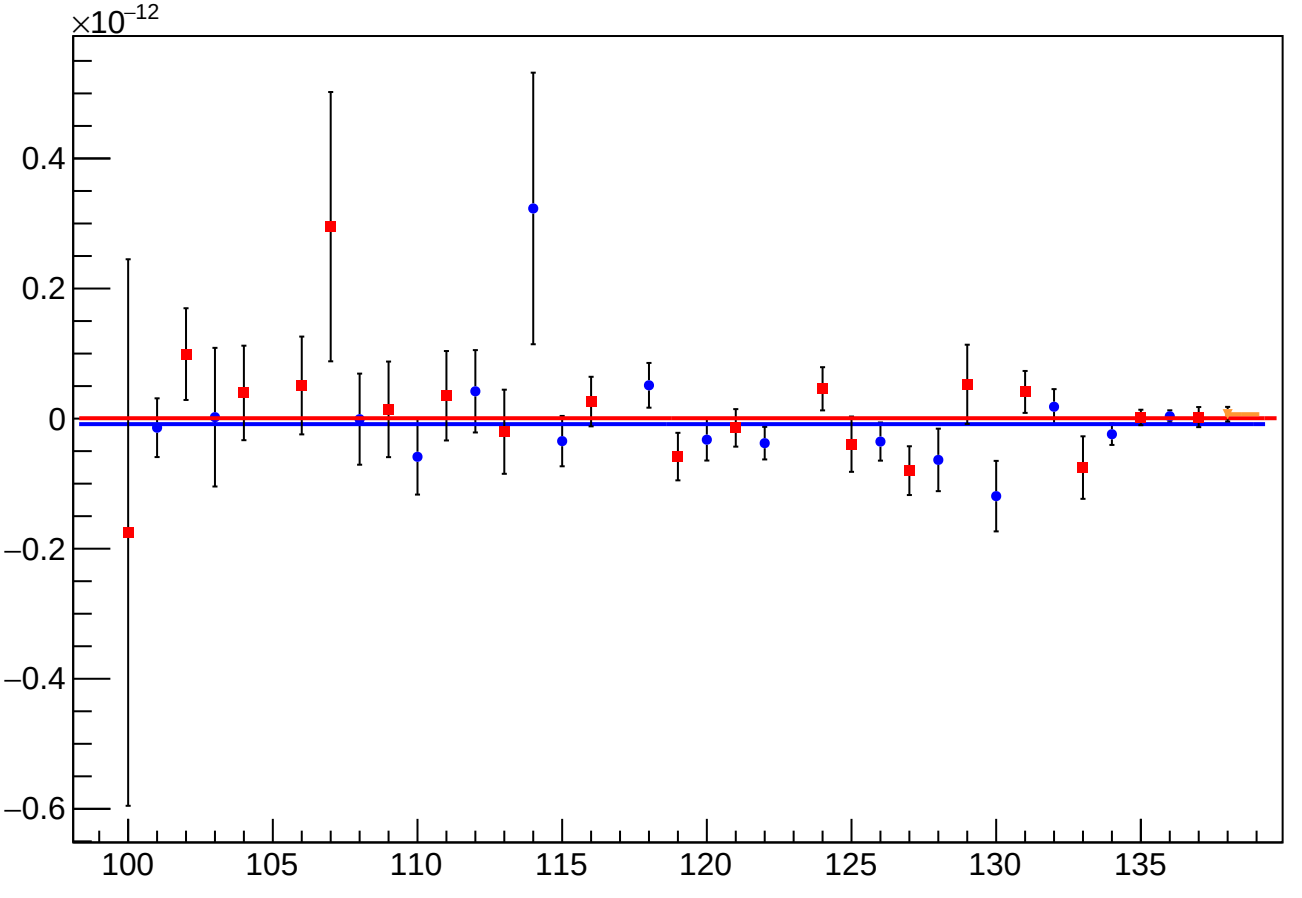
Right Out: 33.083+/-0.011 χ^2/NDF: 2075105.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.530+/-0.010 χ^2/NDF: 1735492.6/16

All: 33.325+/-0.007 χ^2/NDF: 3811574.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

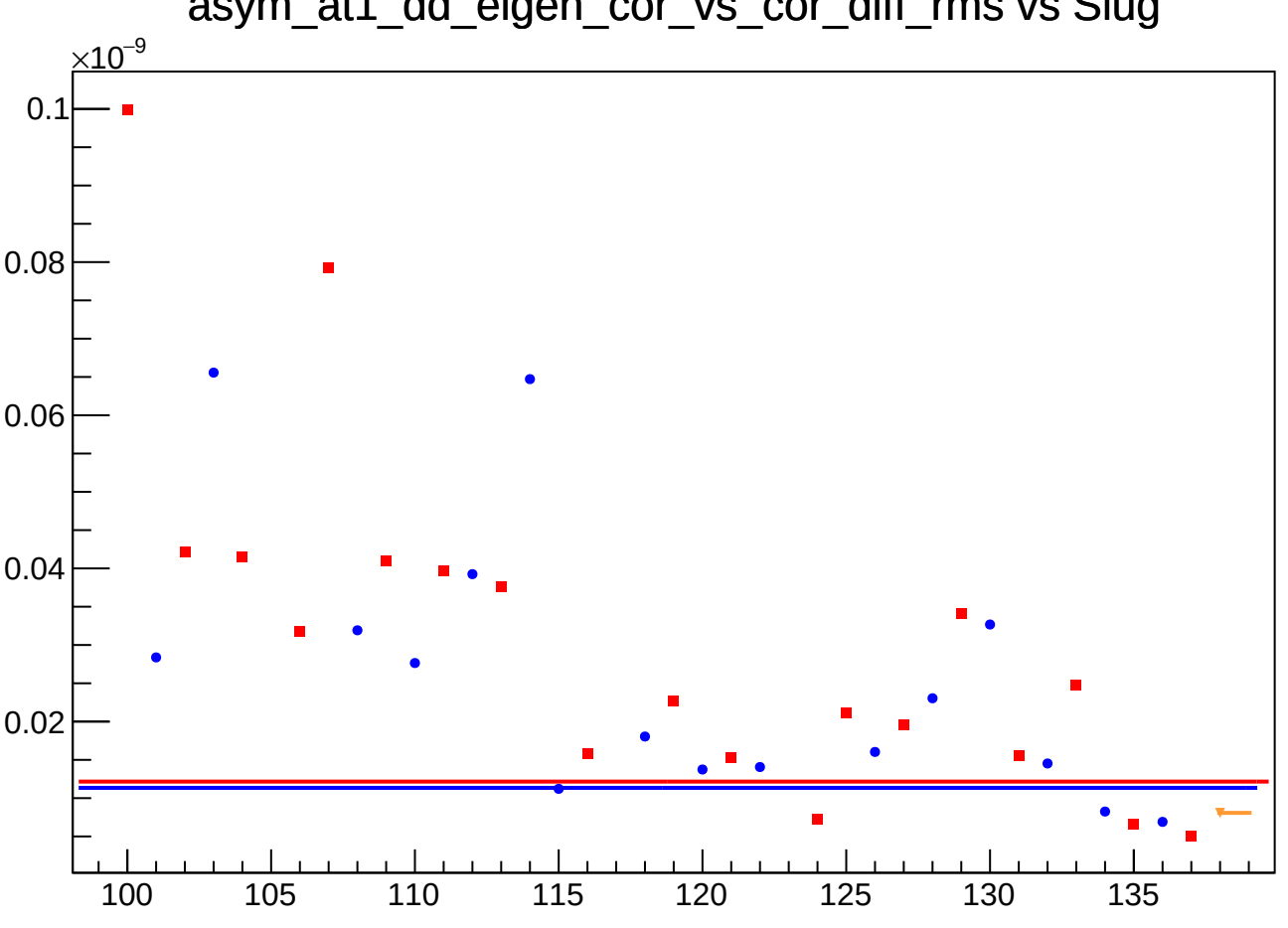
Right Out: 0.000+/-0.000 χ^2/NDF: 20.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 20.7/16

All: -0.000+/-0.000 χ^2/NDF: 41.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2813598.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

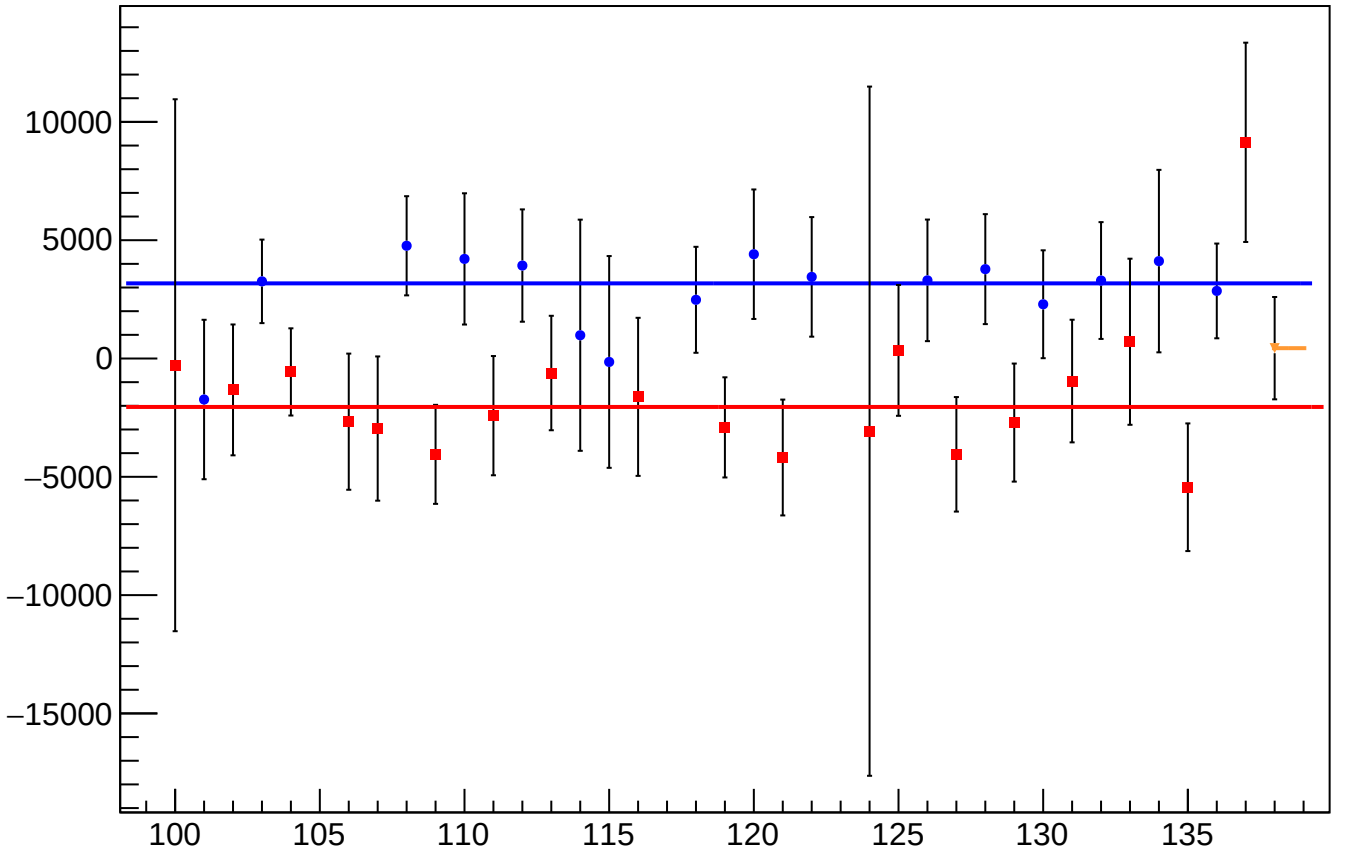
Right Out: 0.000+/-0.000 χ^2/NDF: 3757412.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2941193.4/16

All: 0.000+/-0.000 χ^2/NDF: 6761440.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3175.599+/-627.992 χ^2/NDF: 4.3/15

Left Out: 437.121+/-2162.790 χ^2/NDF:0.0/0

Right Out: -2047.403+/-621.498 χ^2/NDF: 14.0/18

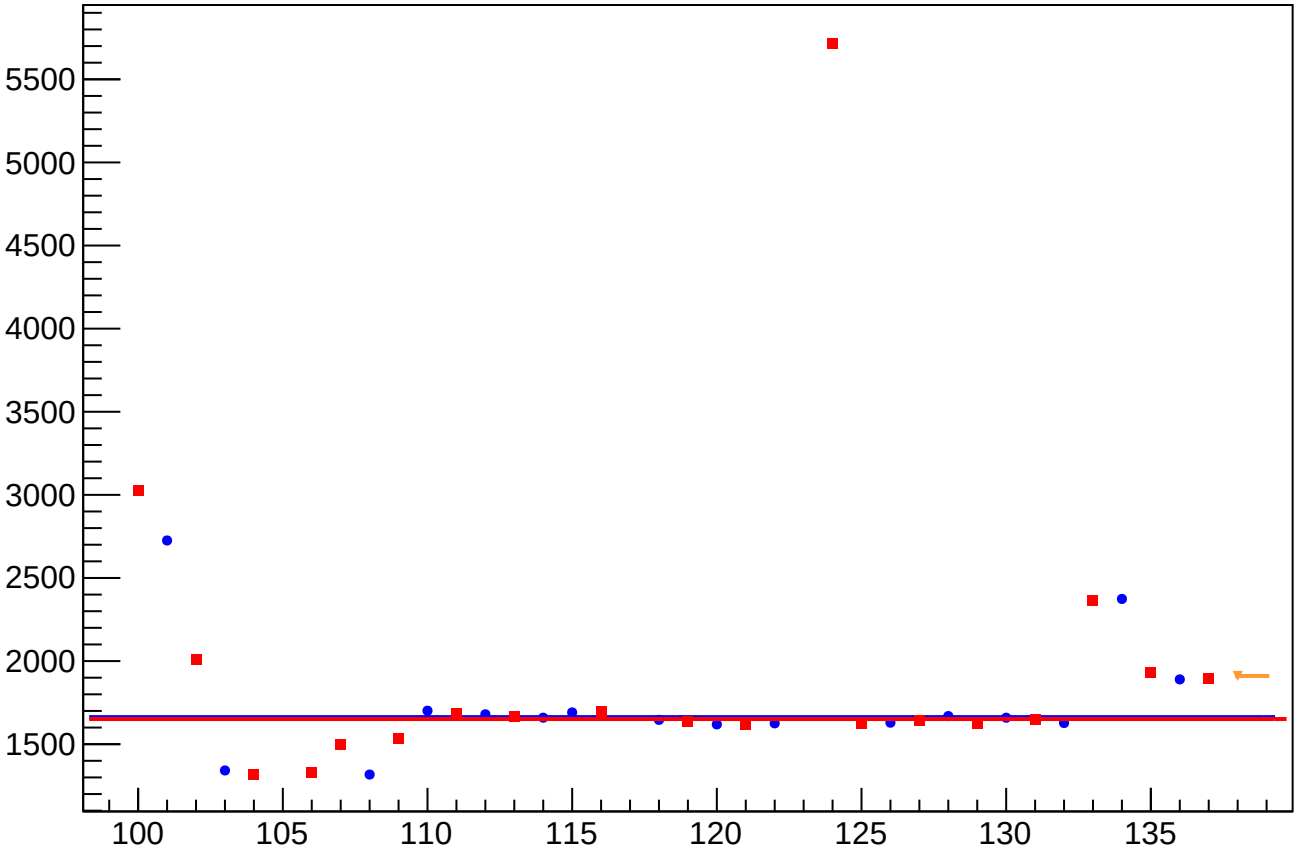
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2962.669+/-603.083 χ^2/NDF: 5.8/16

All: 532.956+/-432.808 χ^2/NDF: 53.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1662.901+/-0.444 χ^2/NDF: 415630.7/15

Left Out: 1910.547+/-1.529 χ^2/NDF:0.0/0

Right Out: 1651.322+/-0.439 χ^2/NDF: 431965.1/18

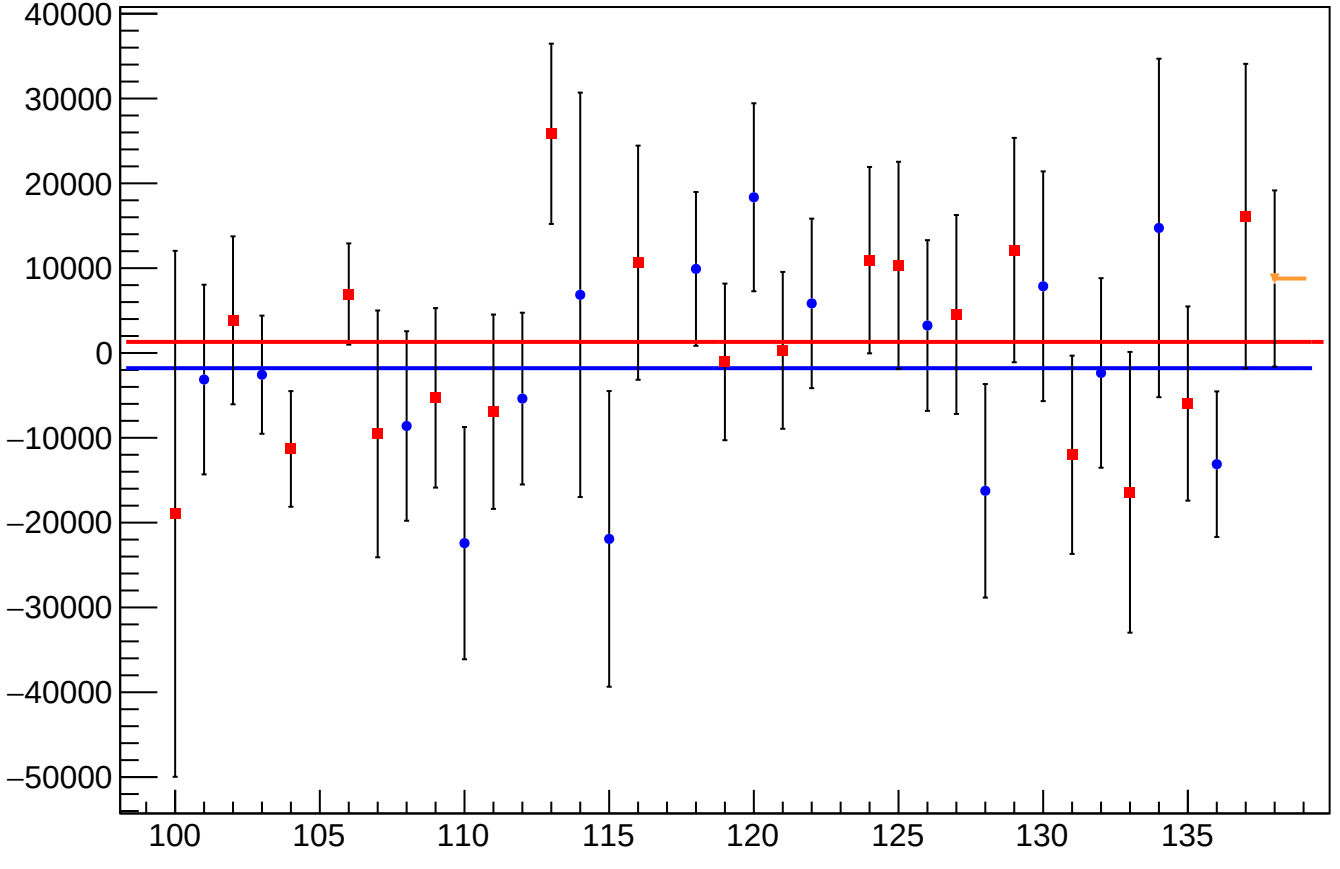
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1682.157+/-0.426 χ^2/NDF: 439813.7/16

All: 1667.203+/-0.306 χ^2/NDF: 874314.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -1791.030+/-2743.617 χ^2/NDF: 14.3/15

Left Out: 8778.562+/-10389.133 χ^2/NDF:0.0/0

Right Out: 1306.311+/-2430.063 χ^2/NDF: 17.7/18

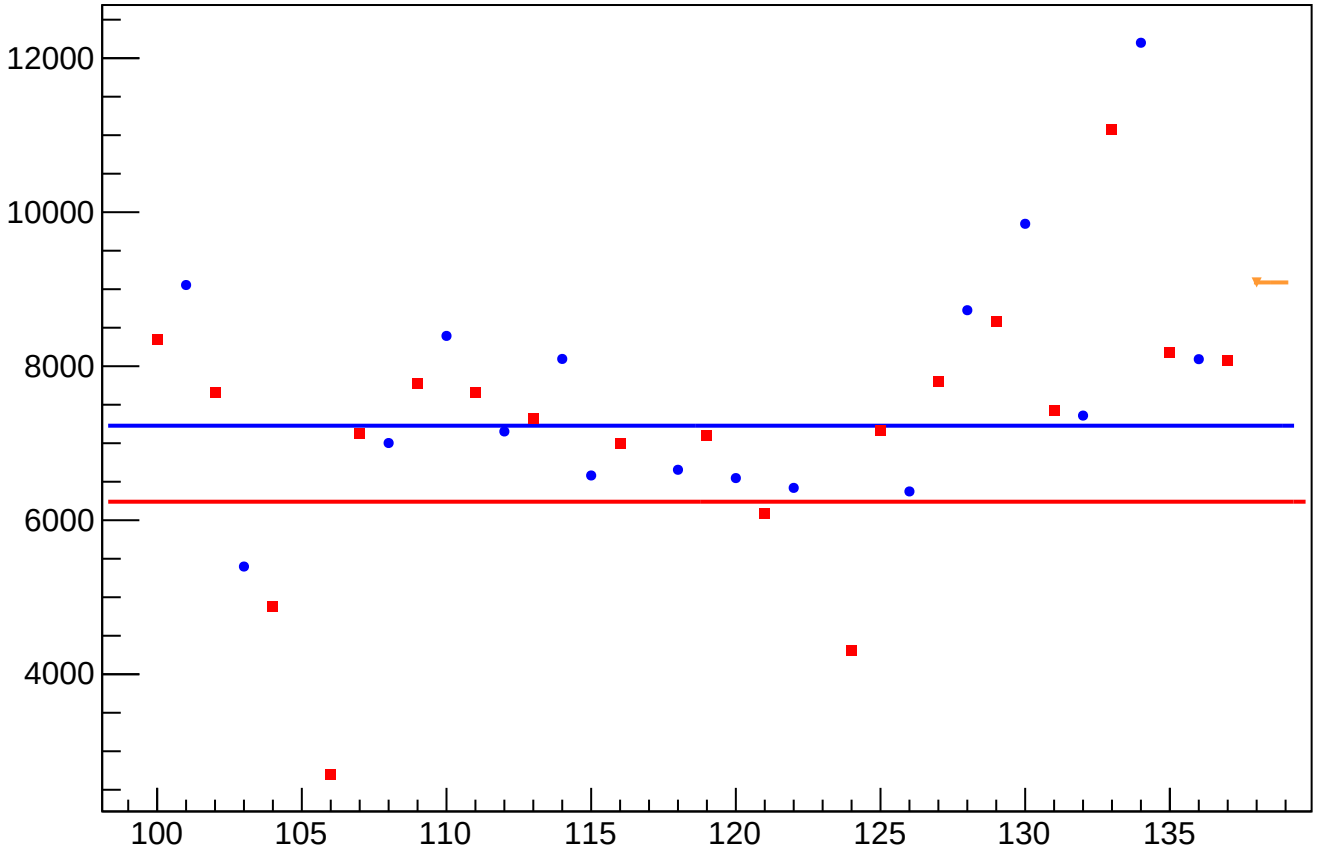
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1101.953+/-2652.676 χ^2/NDF: 15.3/16

All: 207.454+/-1791.855 χ^2/NDF: 33.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 7227.590+/-1.940 χ^2/NDF: 503260.9/15

Left Out: 9087.916+/-7.346 χ^2/NDF:0.0/0

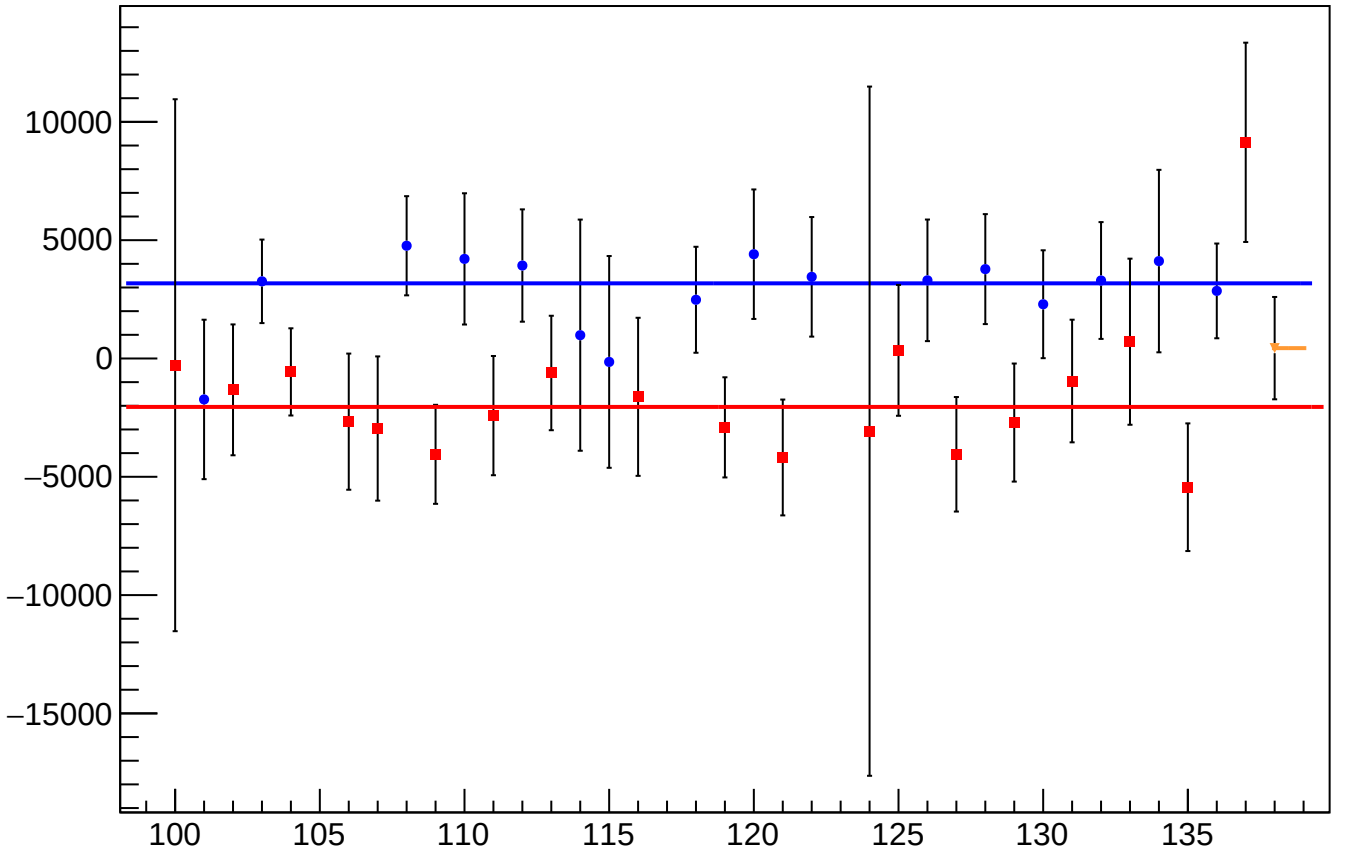
Right Out: 6240.557+/-1.718 χ^2/NDF: 1399077.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7348.873+/-1.876 χ^2/NDF: 563208.3/16

All: 6746.266+/-1.267 χ^2/NDF: 2152113.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3175.689+/-627.992 χ^2/NDF: 4.3/15

Left Out: 437.298+/-2162.790 χ^2/NDF:0.0/0

Right Out: -2047.209+/-621.498 χ^2/NDF: 14.0/18

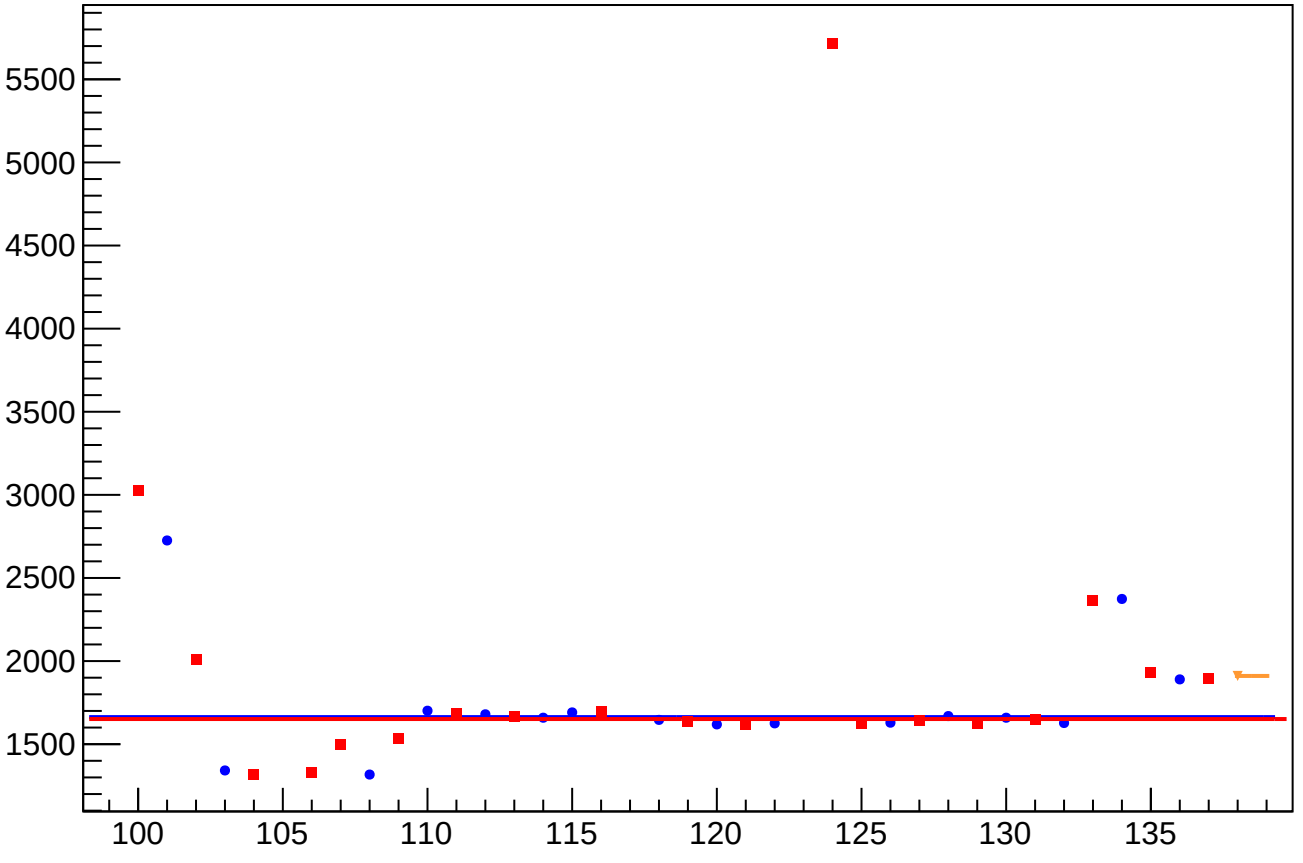
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2962.766+/-603.083 χ^2/NDF: 5.8/16

All: 533.100+/-432.808 χ^2/NDF: 53.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1662.901+/-0.444 χ^2/NDF: 415631.0/15

Left Out: 1910.547+/-1.529 χ^2/NDF:0.0/0

Right Out: 1651.322+/-0.439 χ^2/NDF: 431965.2/18

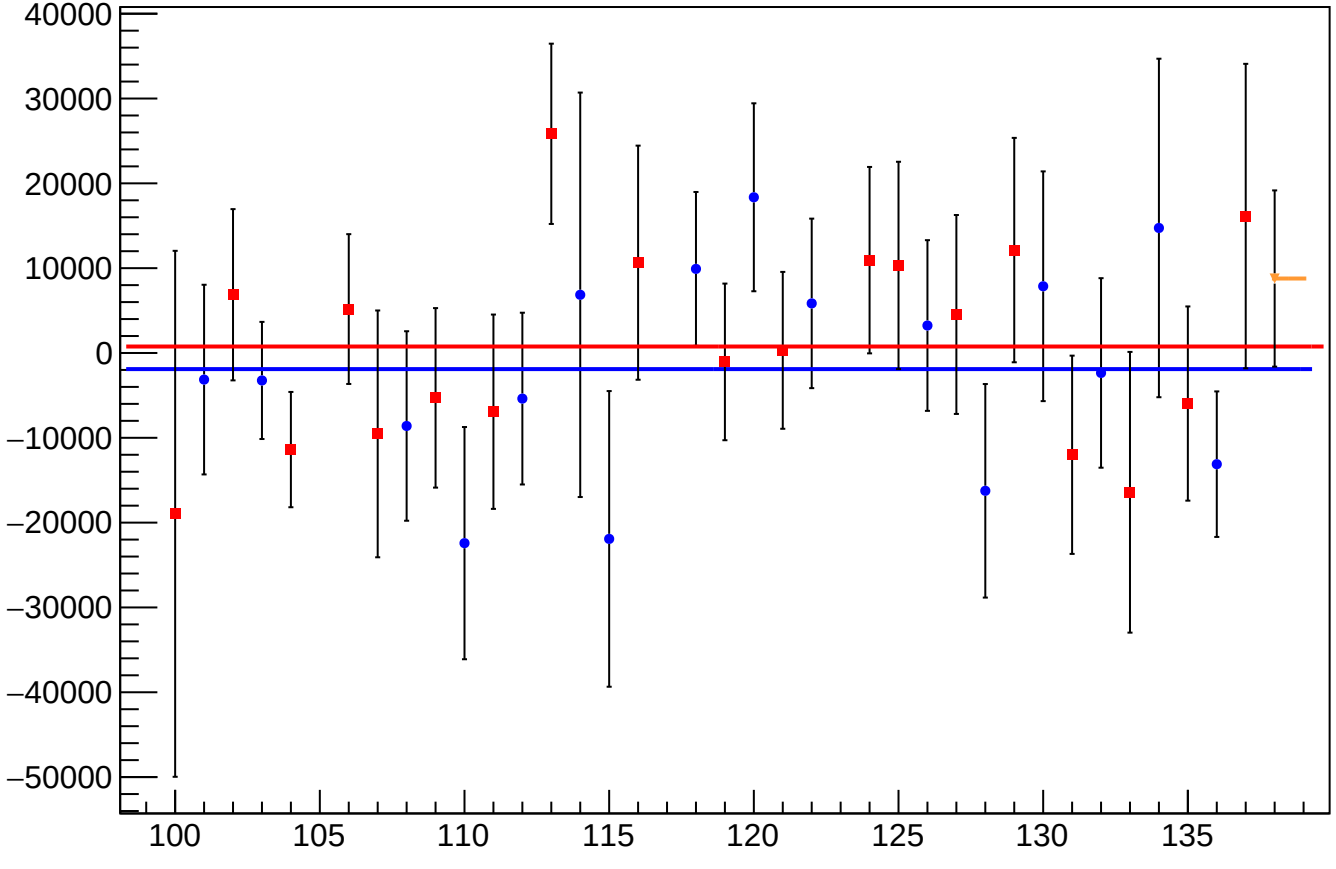
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1682.157+/-0.426 χ^2/NDF: 439814.0/16

All: 1667.203+/-0.306 χ^2/NDF: 874314.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -1900.125+/-2739.954 χ^2/NDF: 14.4/15

Left Out: 8778.815+/-10389.128 χ^2/NDF:0.0/0

Right Out: 762.513+/-2549.943 χ^2/NDF: 17.3/18

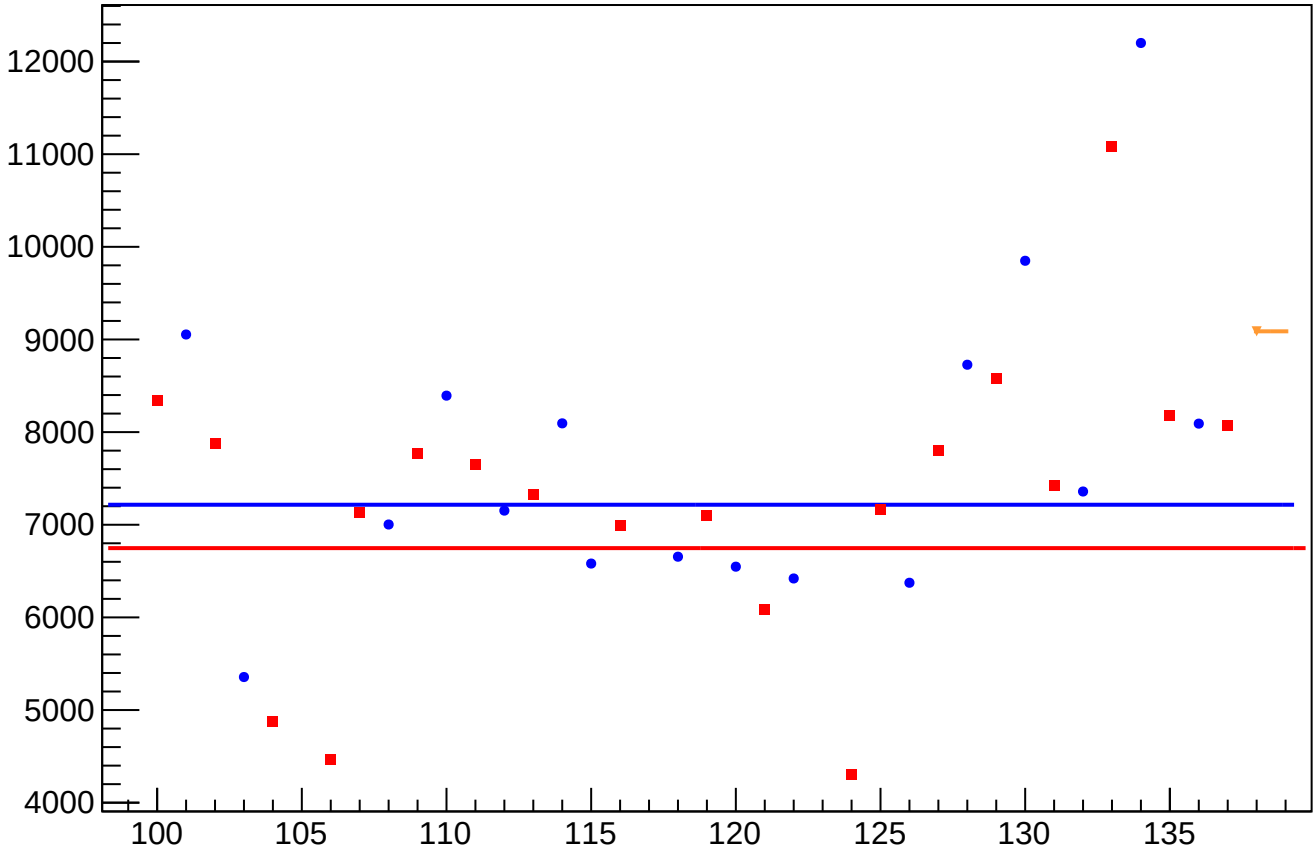
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1205.655+/-2649.365 χ^2/NDF: 15.3/16

All: -183.950+/-1837.225 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 7216.029+/-1.937 χ^2/NDF: 512126.4/15

Left Out: 9087.911+/-7.346 χ^2/NDF:0.0/0

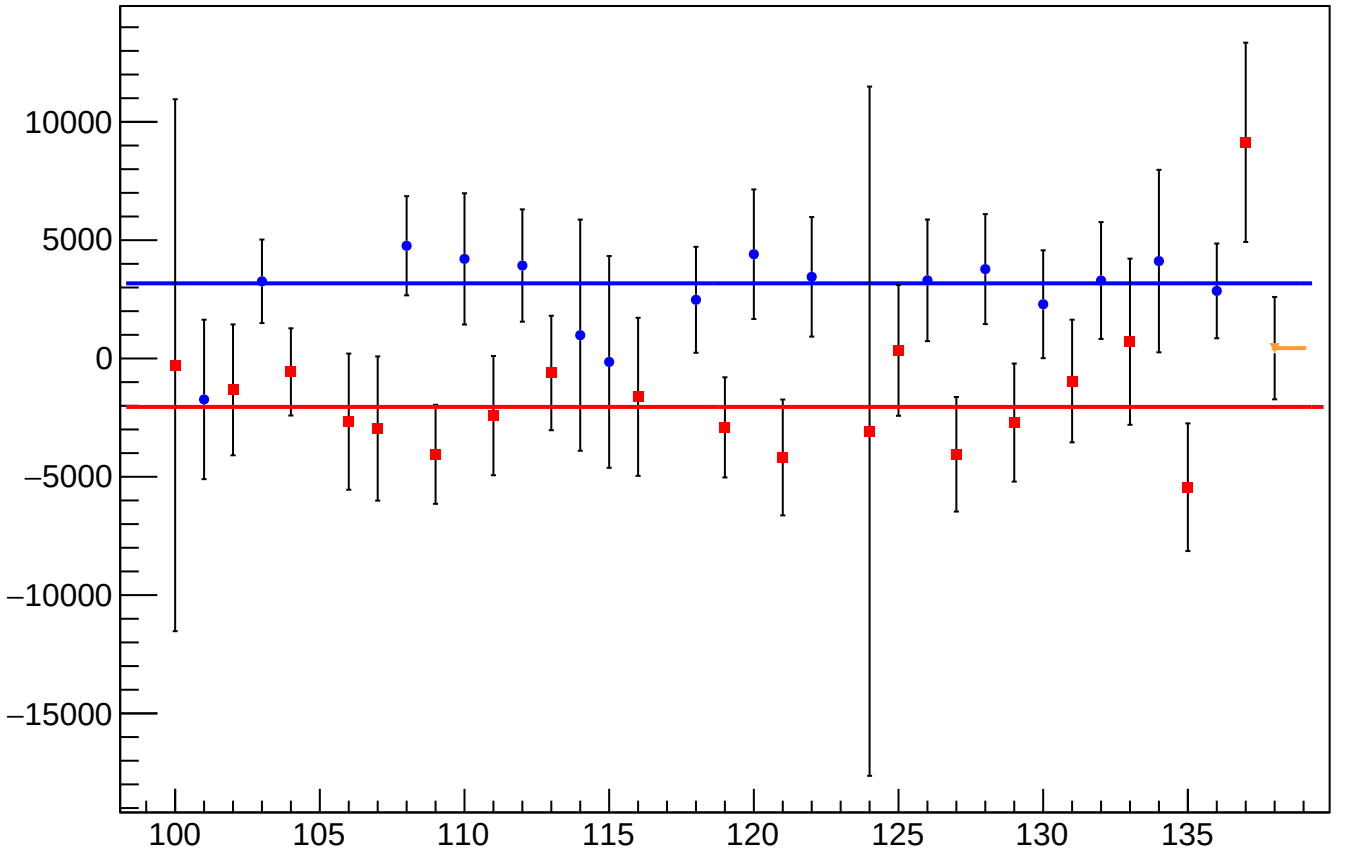
Right Out: 6747.736+/-1.803 χ^2/NDF: 708793.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7337.761+/-1.873 χ^2/NDF: 572831.5/16

All: 7031.470+/-1.299 χ^2/NDF: 1333118.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3175.689+/-627.992 χ^2/NDF: 4.3/15

Left Out: 437.298+/-2162.790 χ^2/NDF:0.0/0

Right Out: -2047.209+/-621.498 χ^2/NDF: 14.0/18

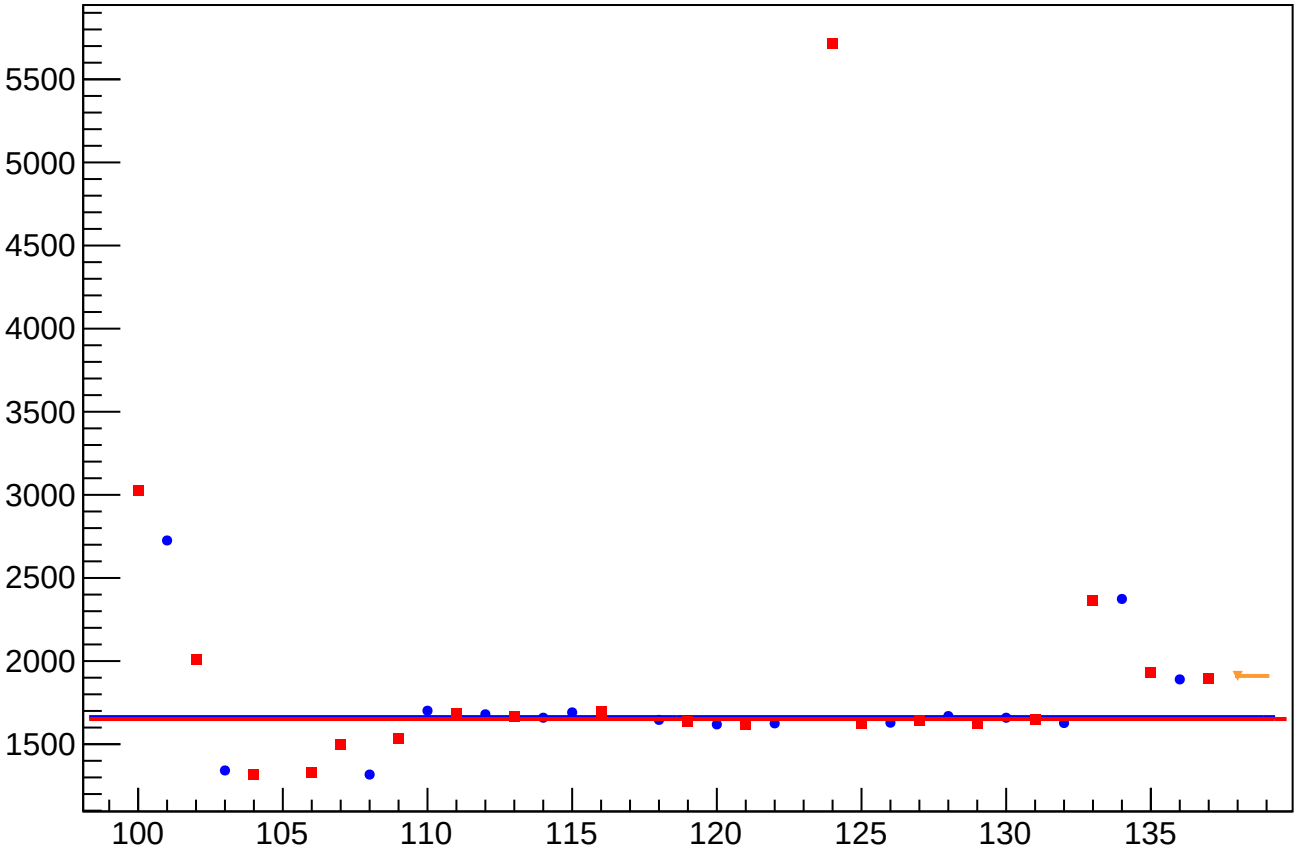
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2962.766+/-603.083 χ^2/NDF: 5.8/16

All: 533.100+/-432.808 χ^2/NDF: 53.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1662.901+/-0.444 χ^2/NDF: 415631.0/15

Left Out: 1910.547+/-1.529 χ^2/NDF:0.0/0

Right Out: 1651.322+/-0.439 χ^2/NDF: 431965.2/18

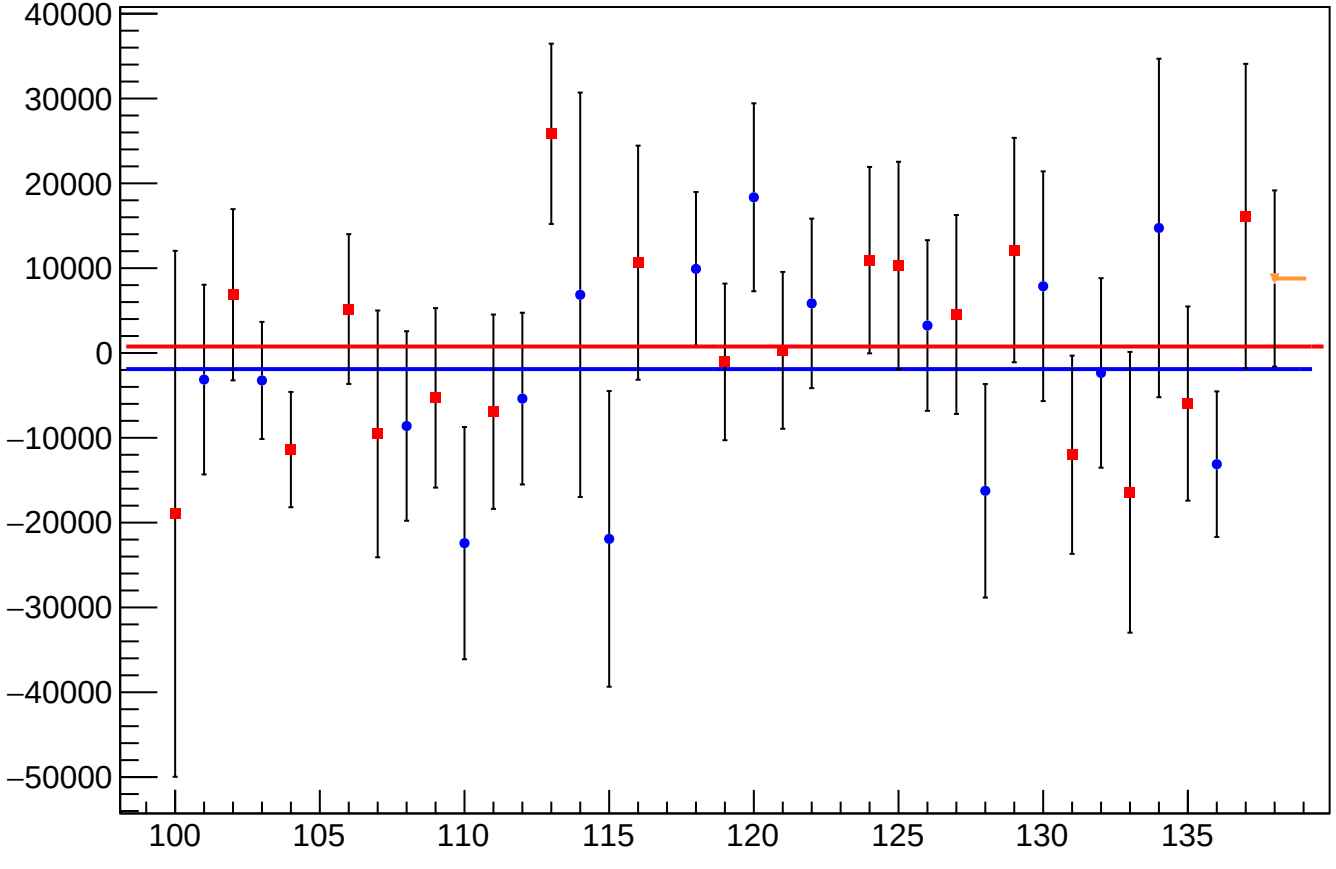
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1682.157+/-0.426 χ^2/NDF: 439814.0/16

All: 1667.203+/-0.306 χ^2/NDF: 874314.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_cor_correction_mean vs Slug



Right In: -1900.125+/-2739.954 χ^2/NDF: 14.4/15

Left Out: 8778.815+/-10389.128 χ^2/NDF:0.0/0

Right Out: 762.513+/-2549.943 χ^2/NDF: 17.3/18

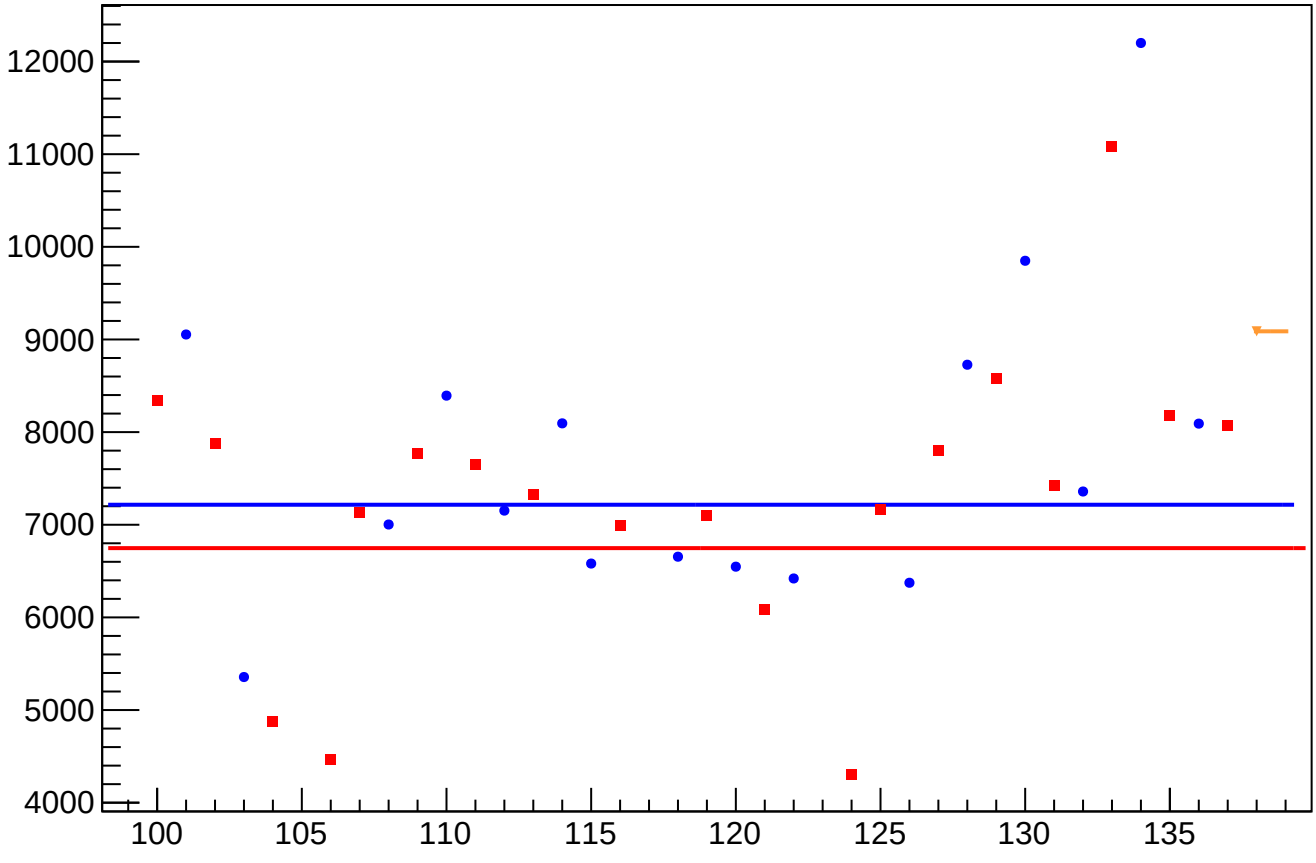
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1205.655+/-2649.365 χ^2/NDF: 15.3/16

All: -183.950+/-1837.225 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 7216.029+/-1.937 χ^2/NDF: 512126.4/15

Left Out: 9087.911+/-7.346 χ^2/NDF:0.0/0

Right Out: 6747.736+/-1.803 χ^2/NDF: 708793.3/18

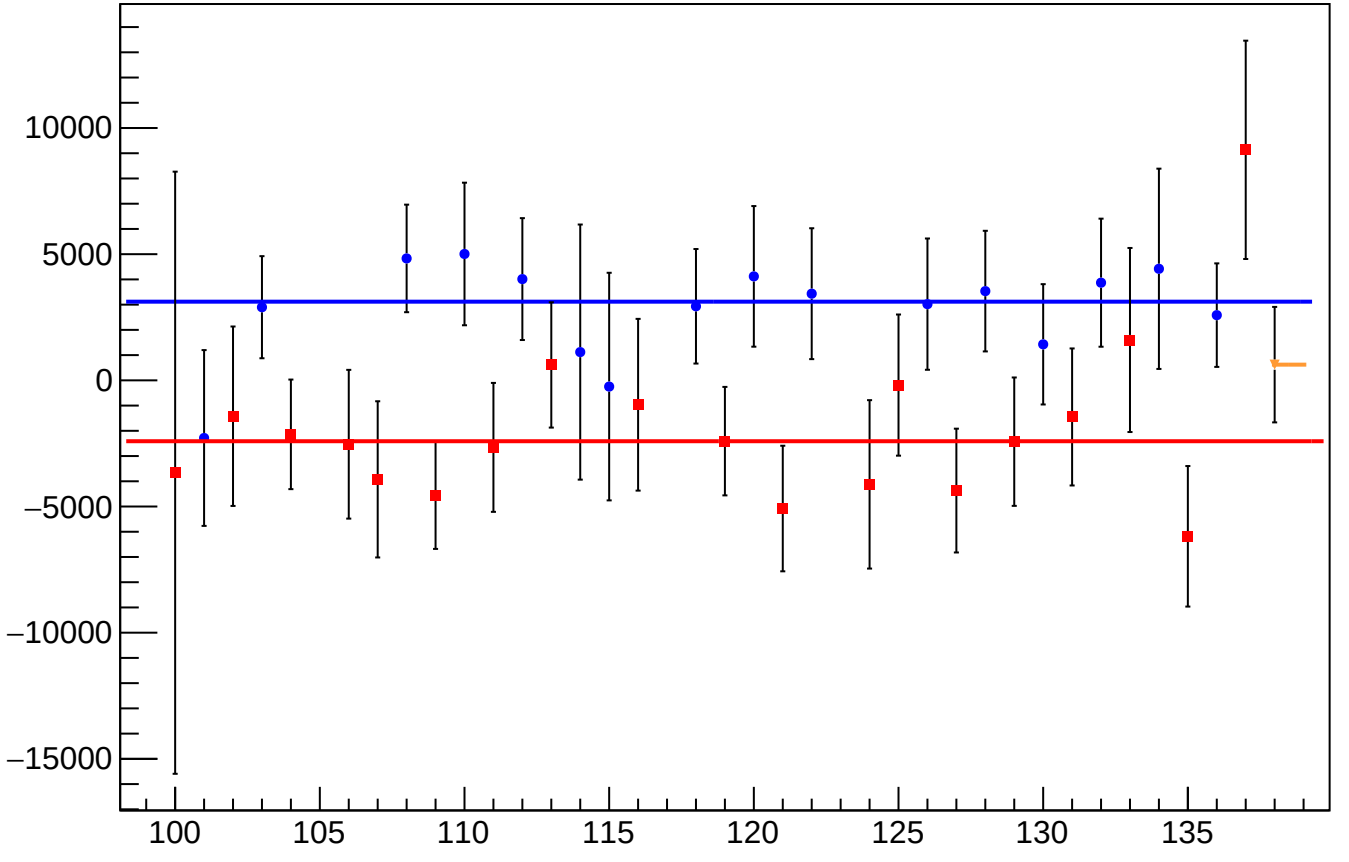
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7337.761+/-1.873 χ^2/NDF: 572831.5/16

All: 7031.470+/-1.299 χ^2/NDF: 1333118.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3117.878+/-651.119 χ^2/NDF: 5.3/15

Left Out: 622.124+/-2288.213 χ^2/NDF:0.0/0

Right Out: -2412.473+/-639.018 χ^2/NDF: 16.0/18

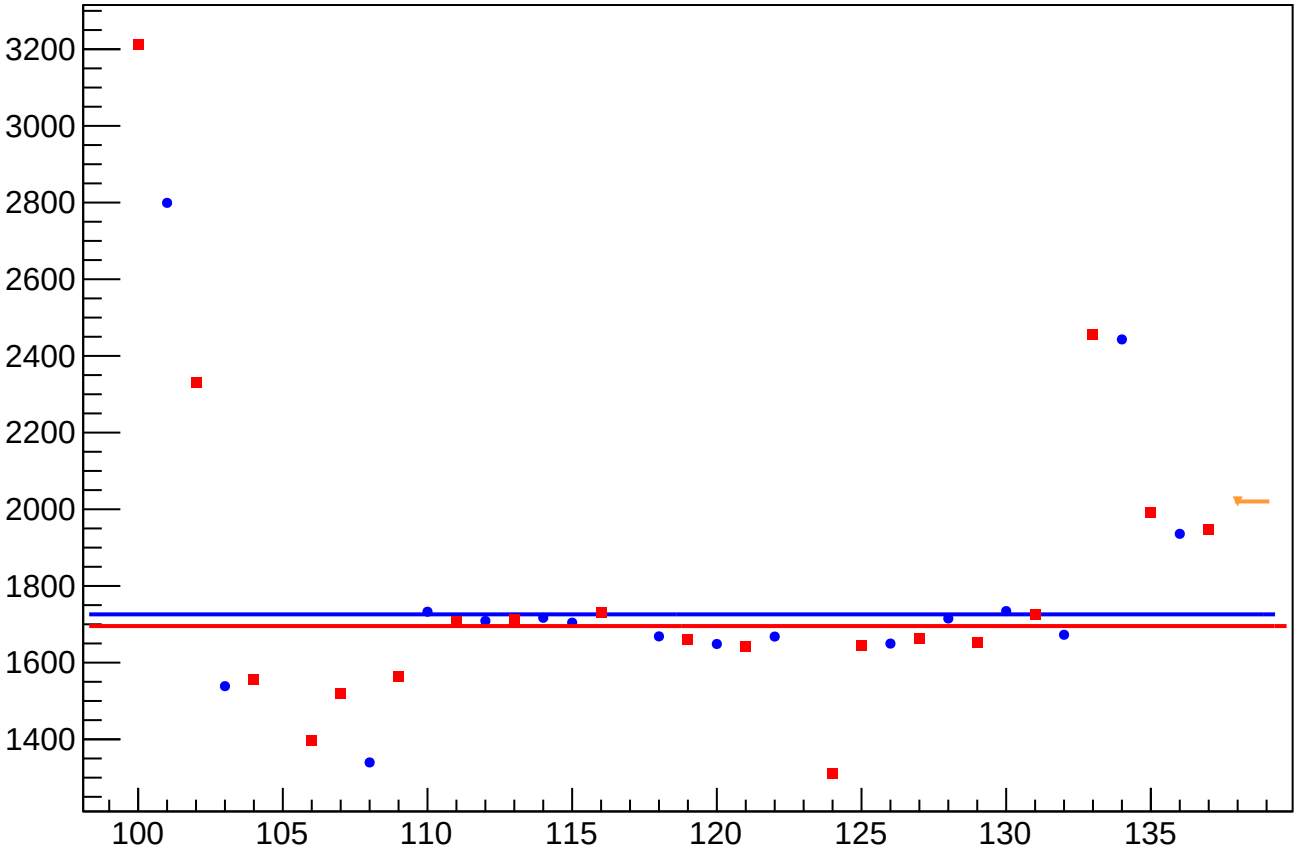
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2930.933+/-626.258 χ^2/NDF: 6.4/16

All: 313.112+/-447.274 χ^2/NDF: 58.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1725.911+/-0.460 χ^2/NDF: 365638.9/15

Left Out: 2020.417+/-1.618 χ^2/NDF:0.0/0

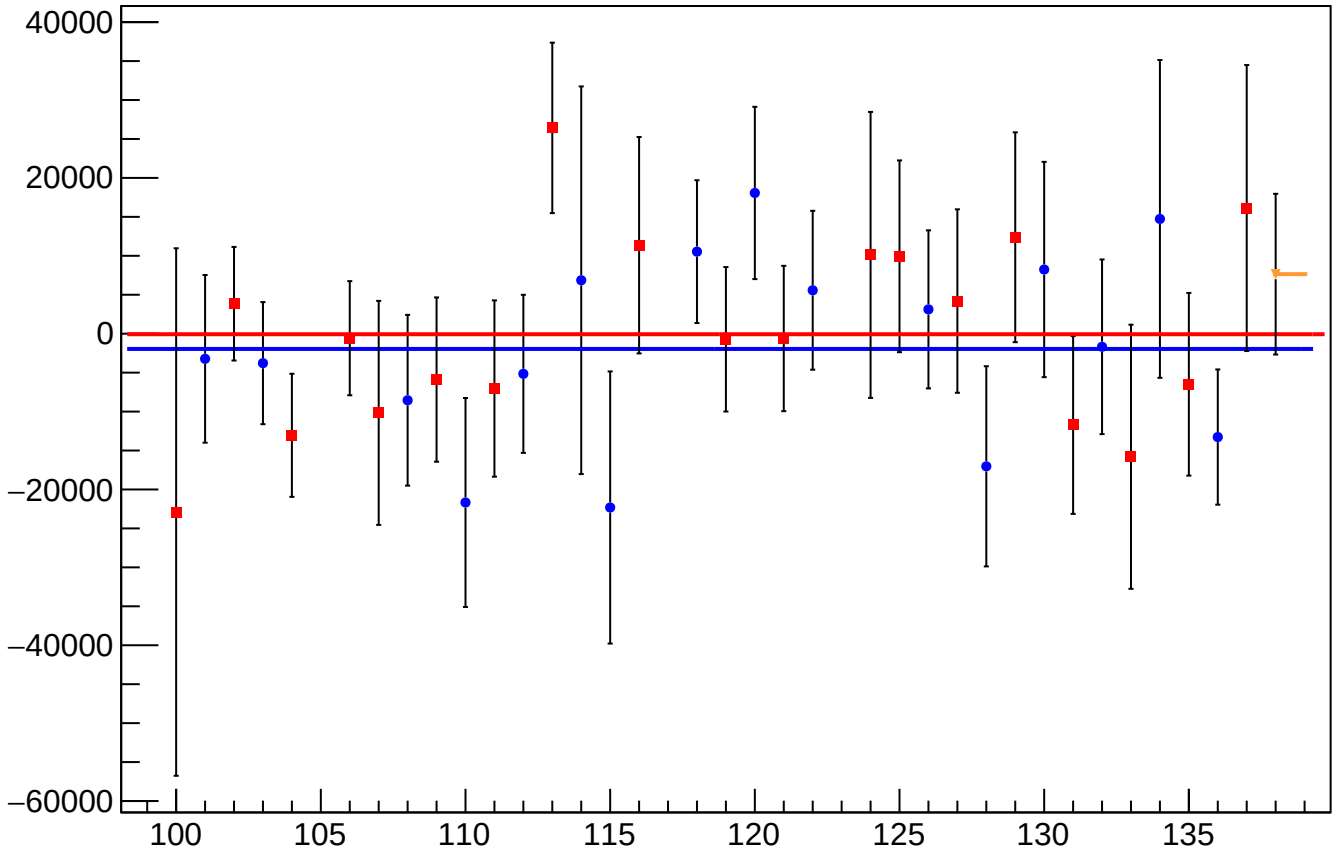
Right Out: 1695.387+/-0.452 χ^2/NDF: 285622.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1747.971+/-0.443 χ^2/NDF: 396287.6/16

All: 1722.200+/-0.316 χ^2/NDF: 688820.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1958.559+/-2798.309 χ^2/NDF: 14.4/15

Left Out: 7642.461+/-10317.888 χ^2/NDF:0.0/0

Right Out: -68.156+/-2529.527 χ^2/NDF: 16.1/18

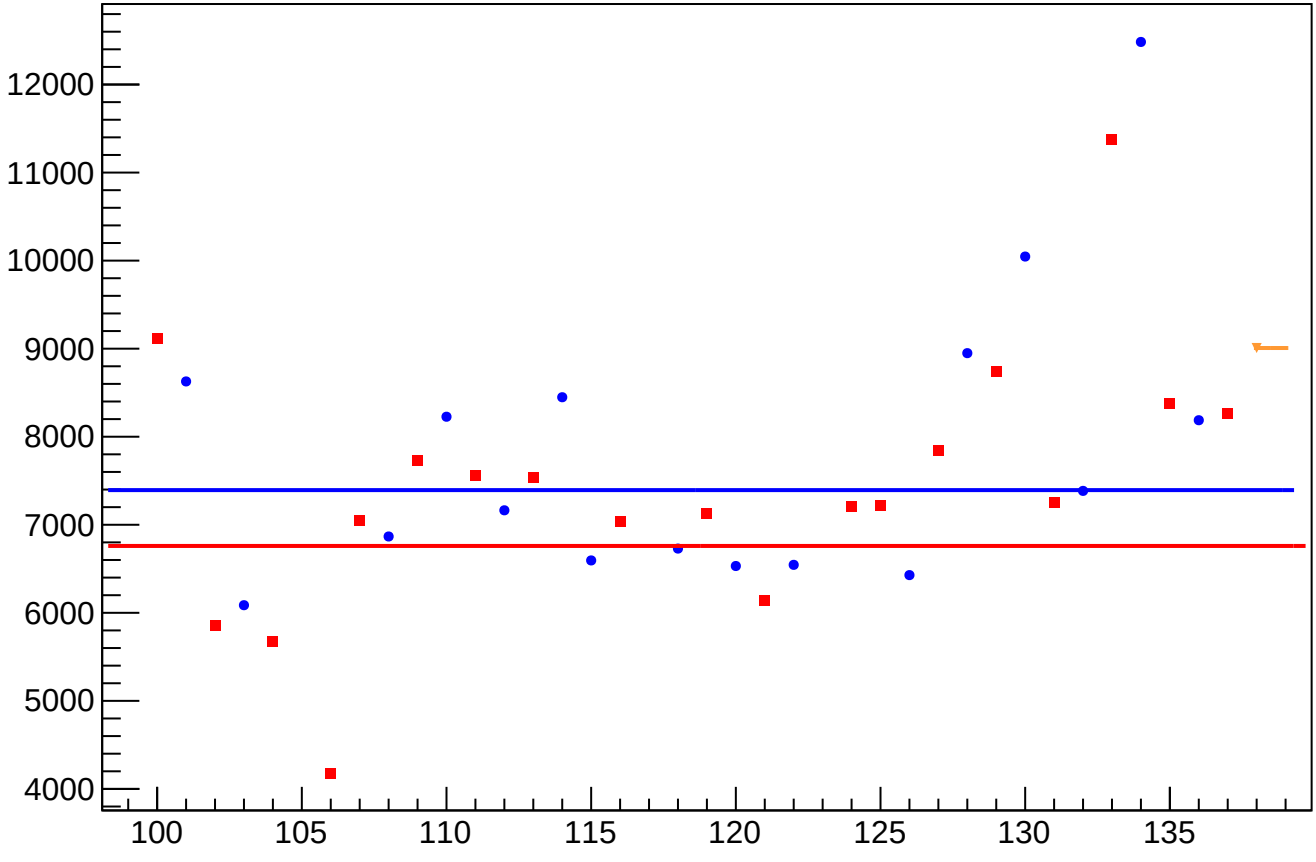
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1300.746+/-2700.745 χ^2/NDF: 15.2/16

All: -644.144+/-1846.210 χ^2/NDF: 31.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 7393.622+/-1.979 χ^2/NDF: 401826.8/15

Left Out: 9007.512+/-7.296 χ^2/NDF:0.0/0

Right Out: 6759.428+/-1.789 χ^2/NDF: 644290.9/18

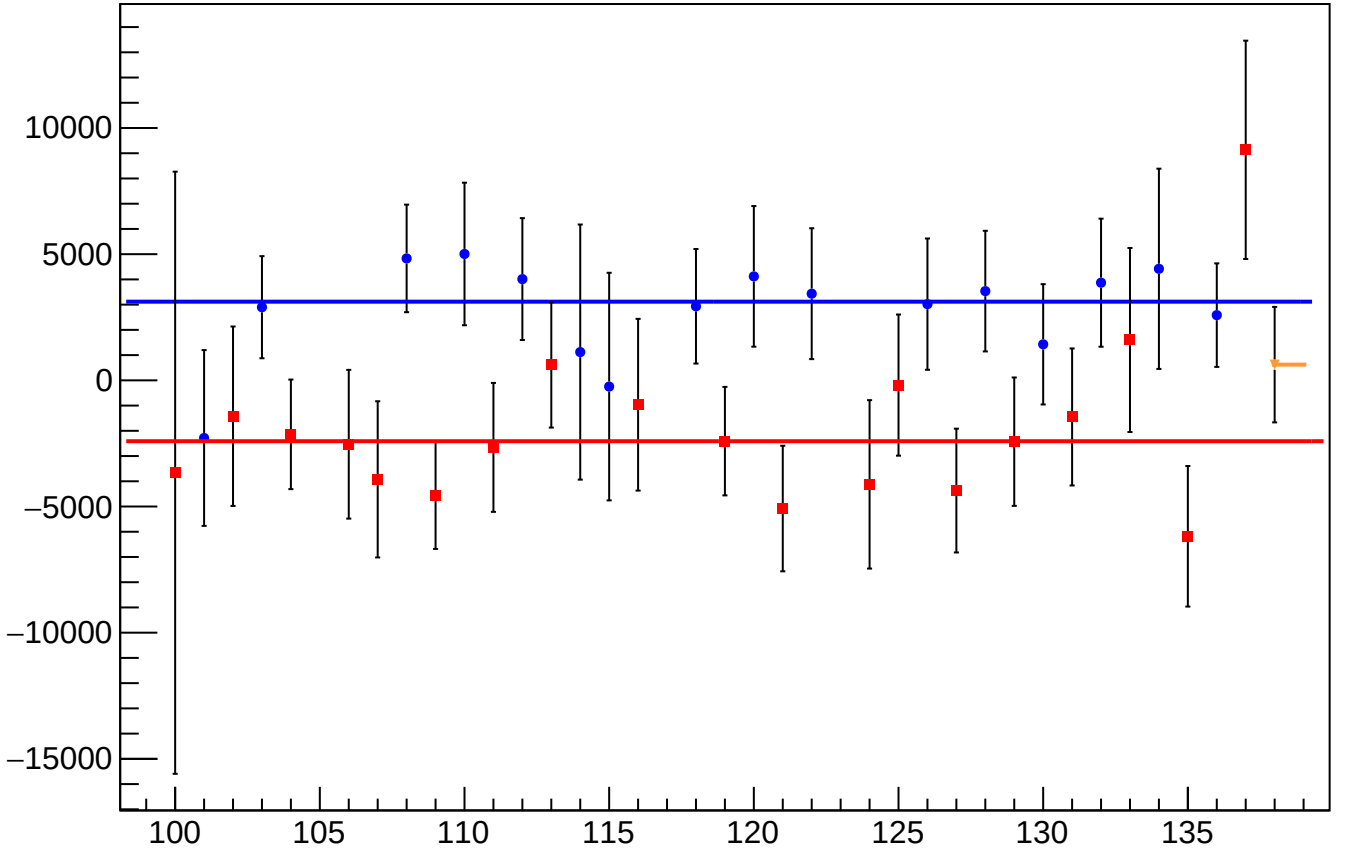
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7504.198+/-1.910 χ^2/NDF: 447406.5/16

All: 7107.458+/-1.305 χ^2/NDF: 1172717.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3117.882+/-651.118 χ^2/NDF: 5.3/15

Left Out: 622.155+/-2288.214 χ^2/NDF:0.0/0

Right Out: -2412.481+/-639.018 χ^2/NDF: 16.0/18

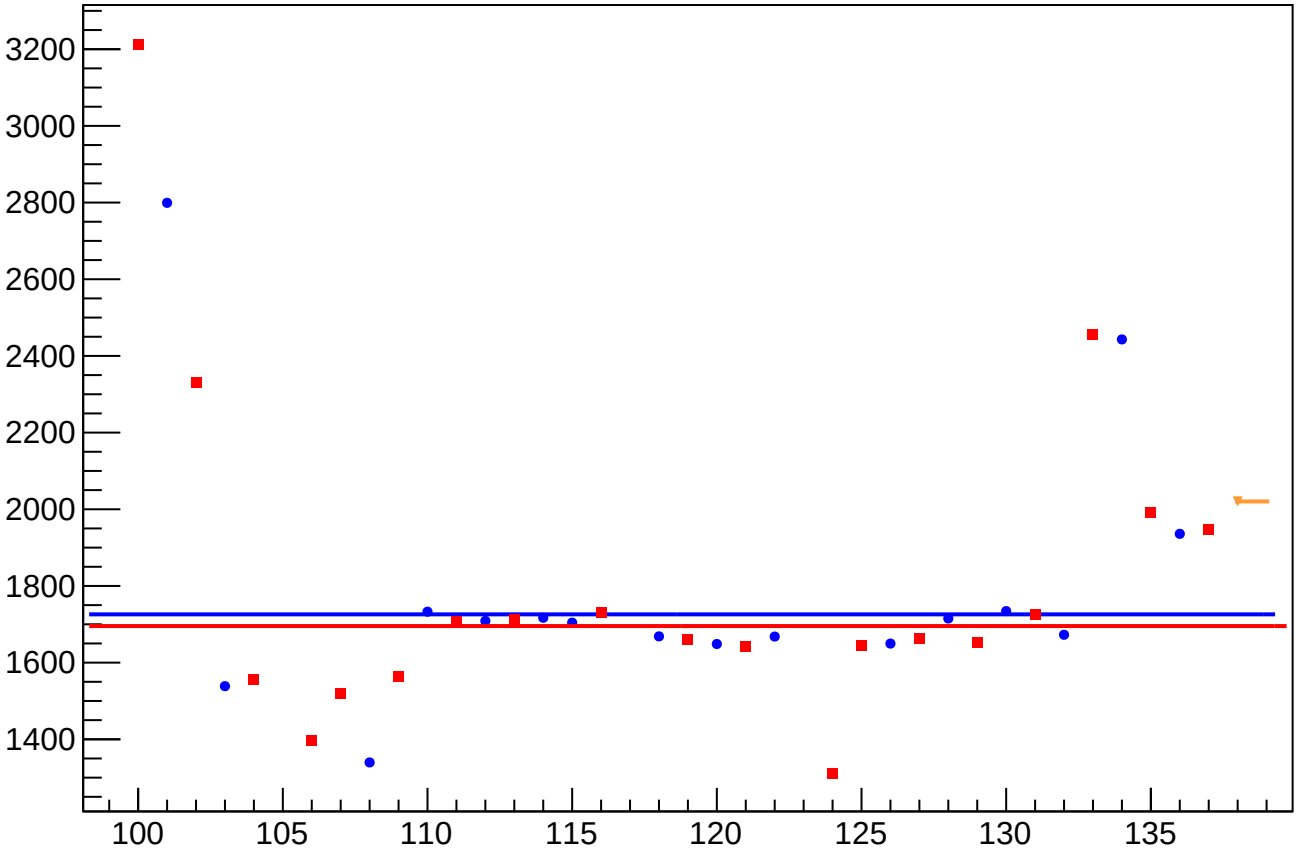
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2930.938+/-626.258 χ^2/NDF: 6.4/16

All: 313.111+/-447.274 χ^2/NDF: 58.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1725.910+/-0.460 χ^2/NDF: 365639.0/15

Left Out: 2020.418+/-1.618 χ^2/NDF:0.0/0

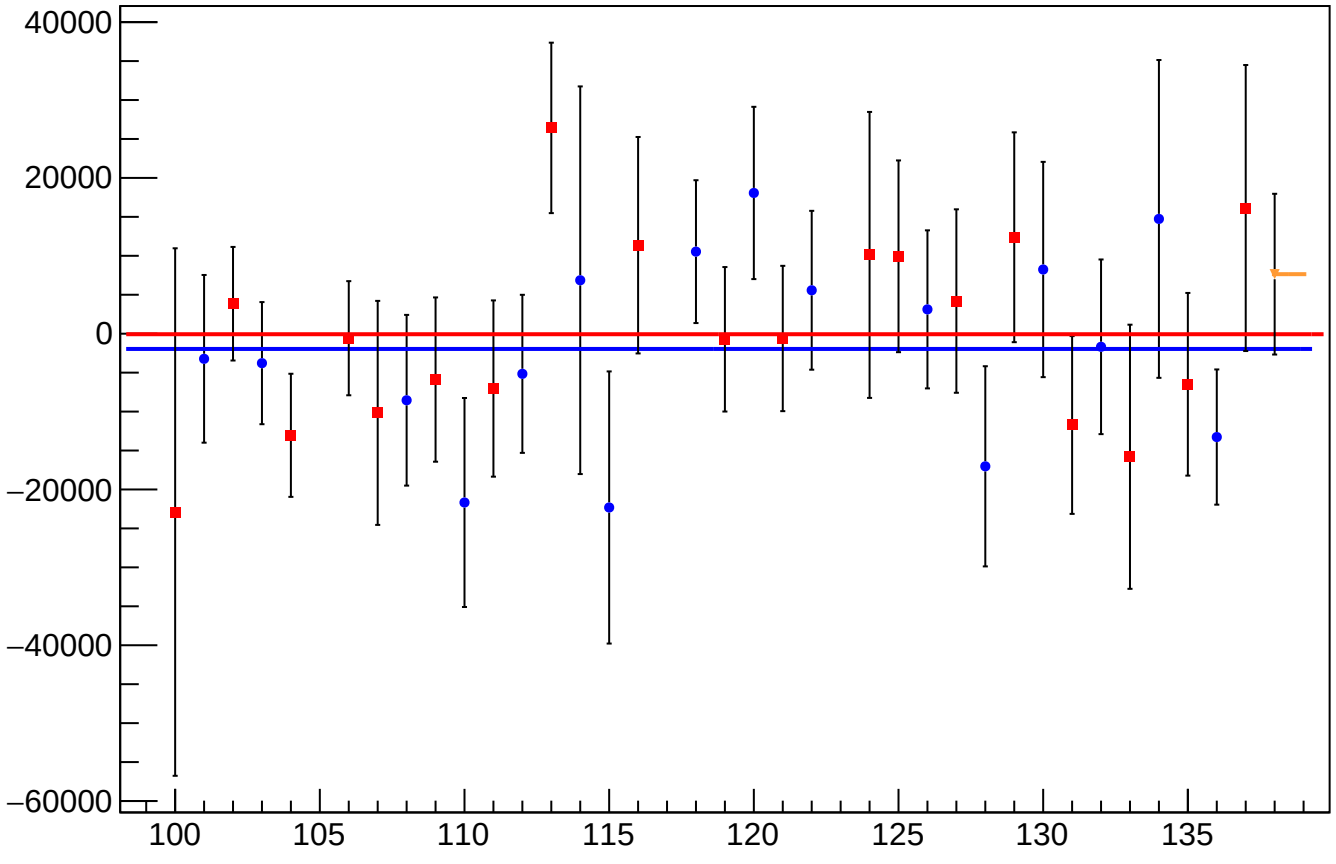
Right Out: 1695.387+/-0.452 χ^2/NDF: 285622.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1747.971+/-0.443 χ^2/NDF: 396287.9/16

All: 1722.199+/-0.316 χ^2/NDF: 688820.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1958.538+/-2798.302 χ^2/NDF: 14.4/15

Left Out: 7642.487+/-10317.913 χ^2/NDF:0.0/0

Right Out: -68.163+/-2529.521 χ^2/NDF: 16.1/18

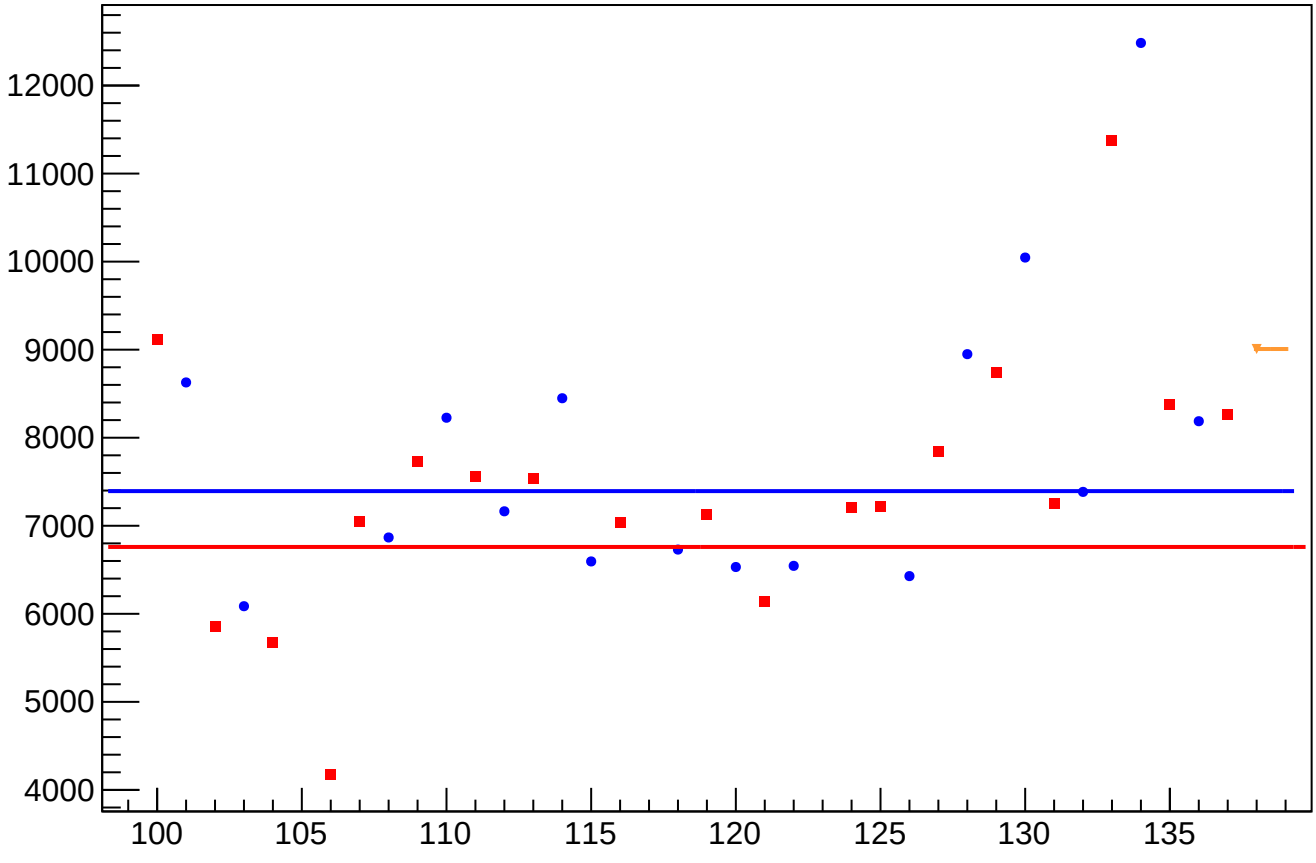
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1300.730+/-2700.739 χ^2/NDF: 15.2/16

All: -644.140+/-1846.206 χ^2/NDF: 31.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 7393.605+/-1.979 χ^2/NDF: 401829.0/15

Left Out: 9007.535+/-7.296 χ^2/NDF:0.0/0

Right Out: 6759.413+/-1.789 χ^2/NDF: 644289.7/18

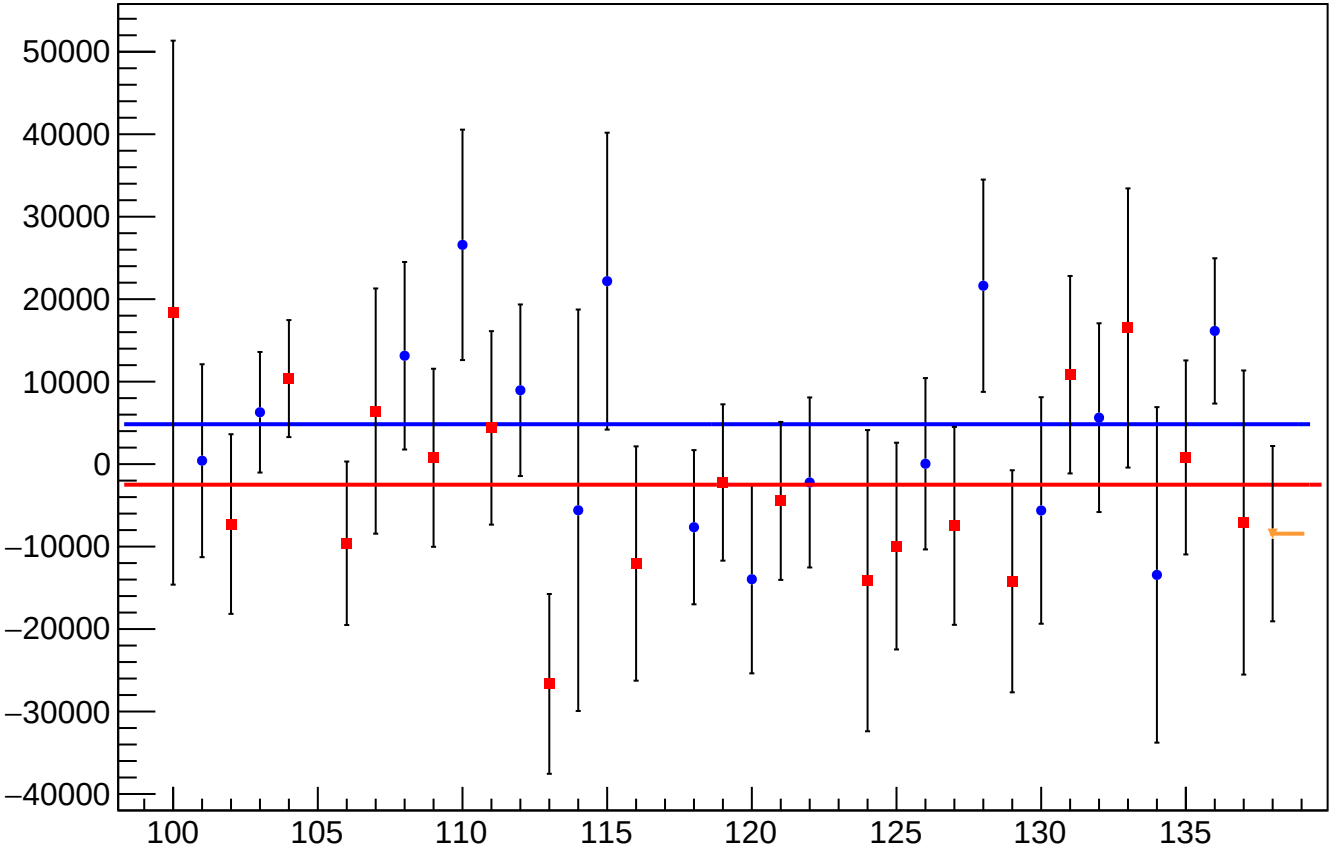
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7504.182+/-1.910 χ^2/NDF: 447410.8/16

All: 7107.443+/-1.305 χ^2/NDF: 1172720.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_mean vs Slug



Right In: 4837.820+/-2828.918 χ^2/NDF: 14.3/15

Left Out: -8433.311+/-10629.635 χ^2/NDF:0.0/0

Right Out: -2495.844+/-2695.530 χ^2/NDF: 14.9/18

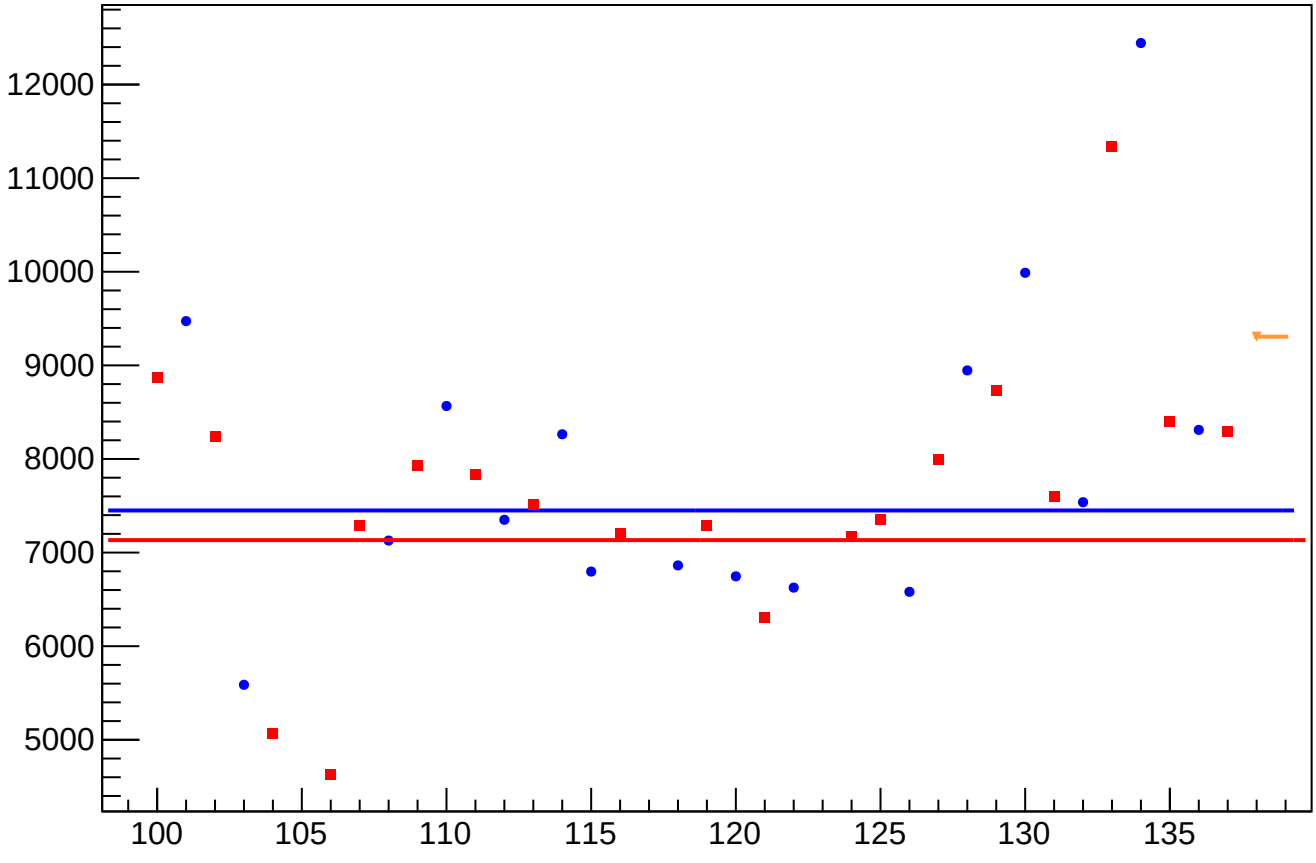
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3960.027+/-2733.761 χ^2/NDF: 15.8/16

All: 686.635+/-1919.401 χ^2/NDF: 33.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_rms vs Slug



Right In: 7449.985+/-2.000 χ^2/NDF: 486427.7/15

Left Out: 9306.553+/-7.516 χ^2/NDF:0.0/0

Right Out: 7133.115+/-1.906 χ^2/NDF: 556993.0/18

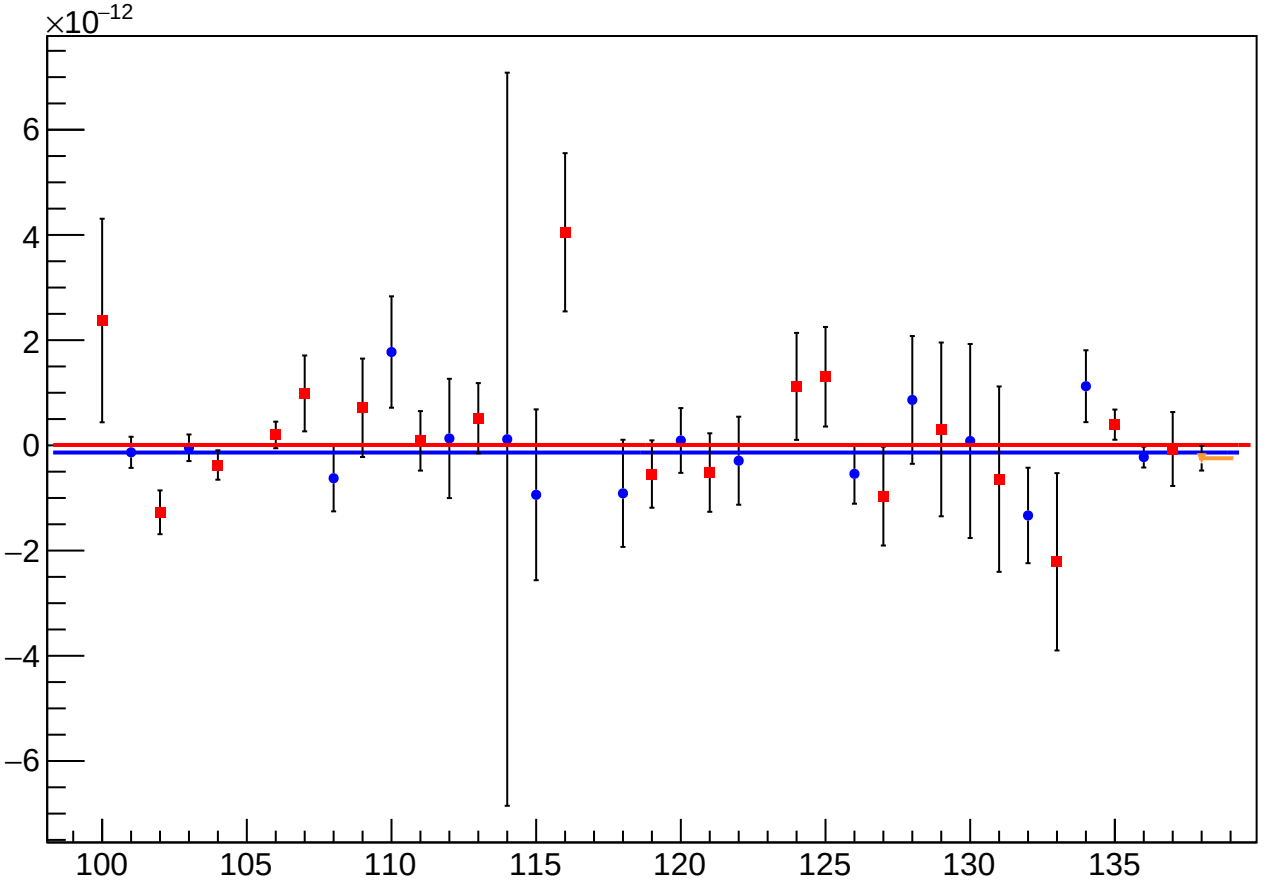
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7572.782+/-1.933 χ^2/NDF: 543404.2/16

All: 7349.839+/-1.357 χ^2/NDF: 1126629.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 11.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

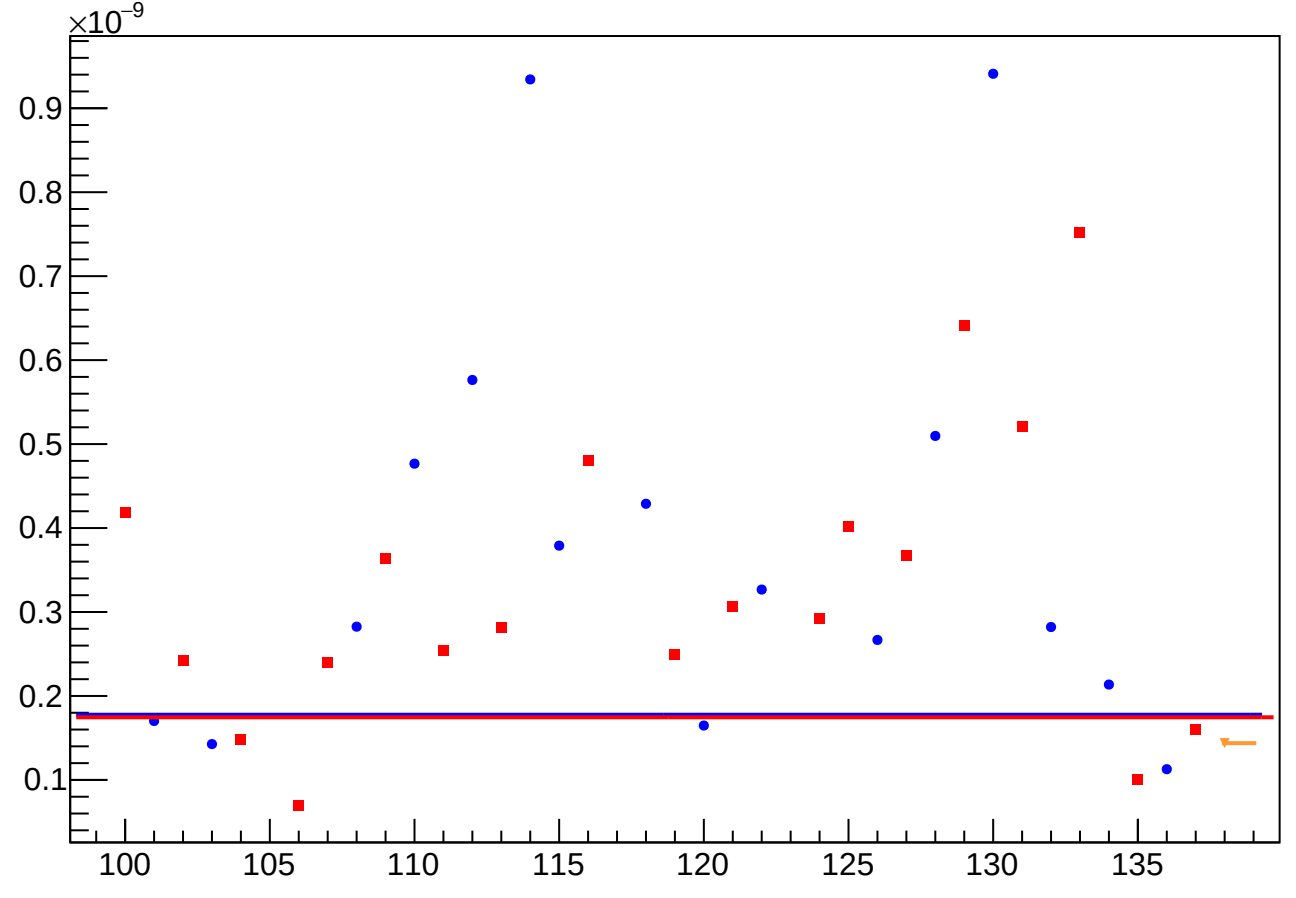
Right Out: 0.000+/-0.000 χ^2/NDF: 32.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 11.7/16

All: -0.000+/-0.000 χ^2/NDF: 45.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1530066.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1641366.3/18

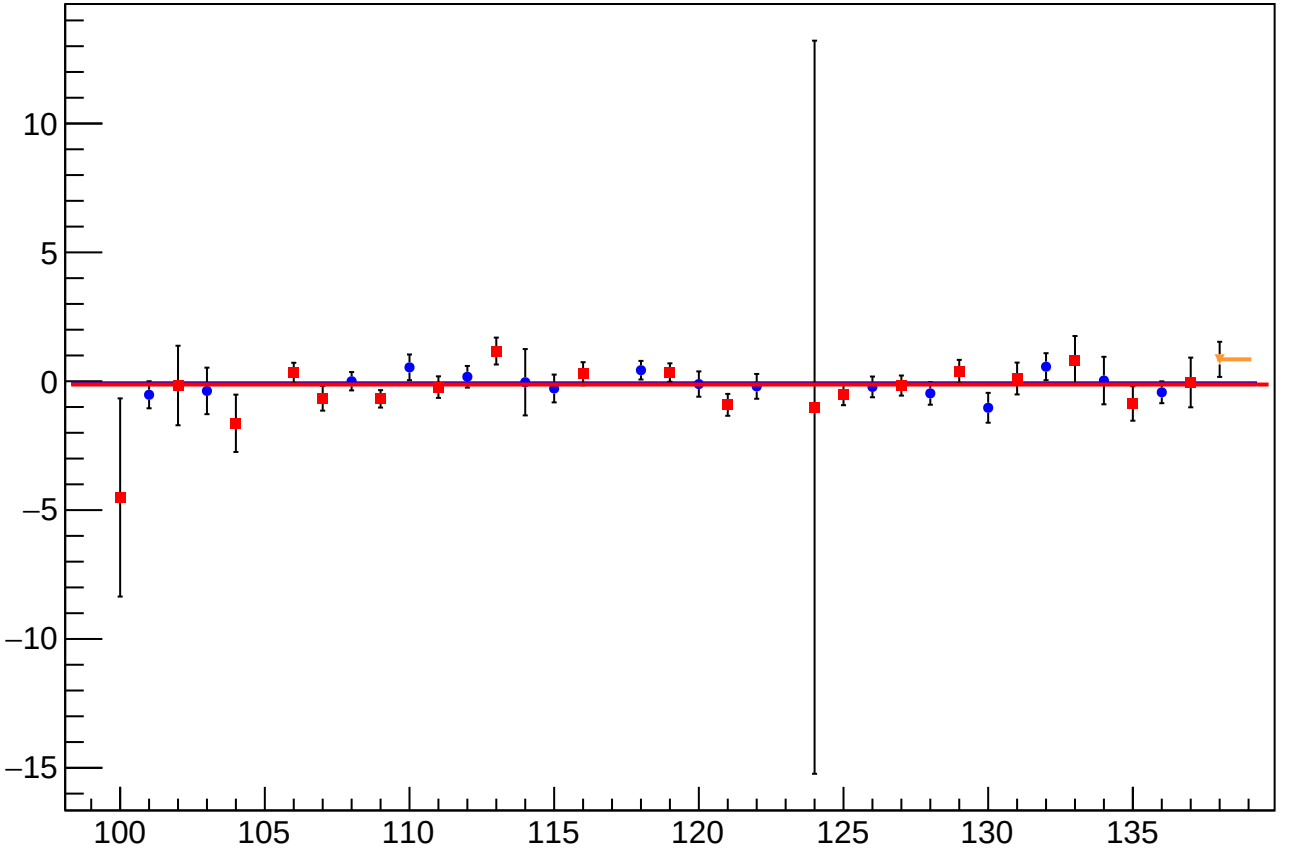
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1563144.4/16

All: 0.000+/-0.000 χ^2/NDF: 3205691.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.080+/-0.122 χ^2/NDF: 10.8/15

Left Out: 0.850+/-0.681 χ^2/NDF:0.0/0

Right Out: -0.128+/-0.117 χ^2/NDF: 25.3/18

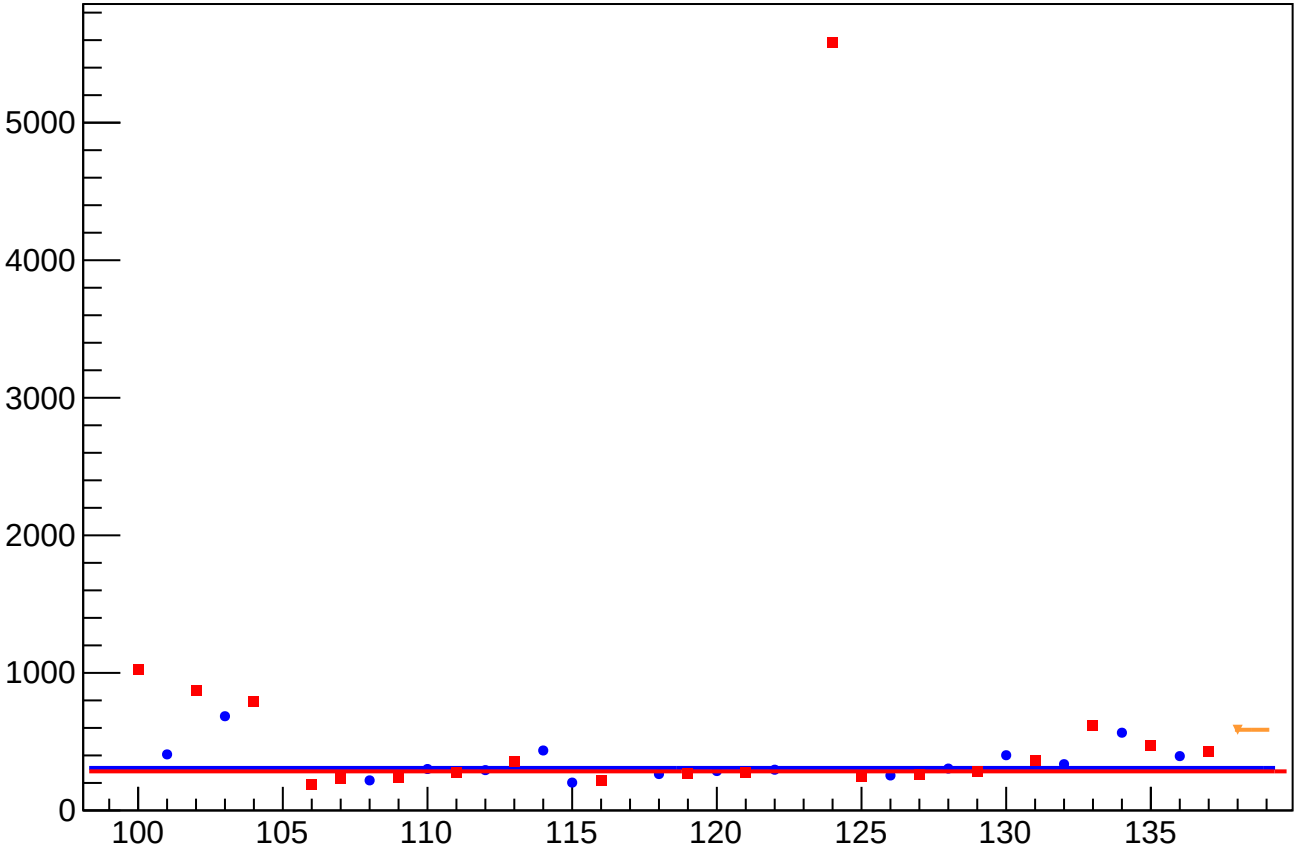
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.051+/-0.120 χ^2/NDF: 12.6/16

All: -0.090+/-0.084 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 309.093+/-0.086 χ^2/NDF: 1014604.9/15

Left Out: 586.587+/-0.482 χ^2/NDF:0.0/0

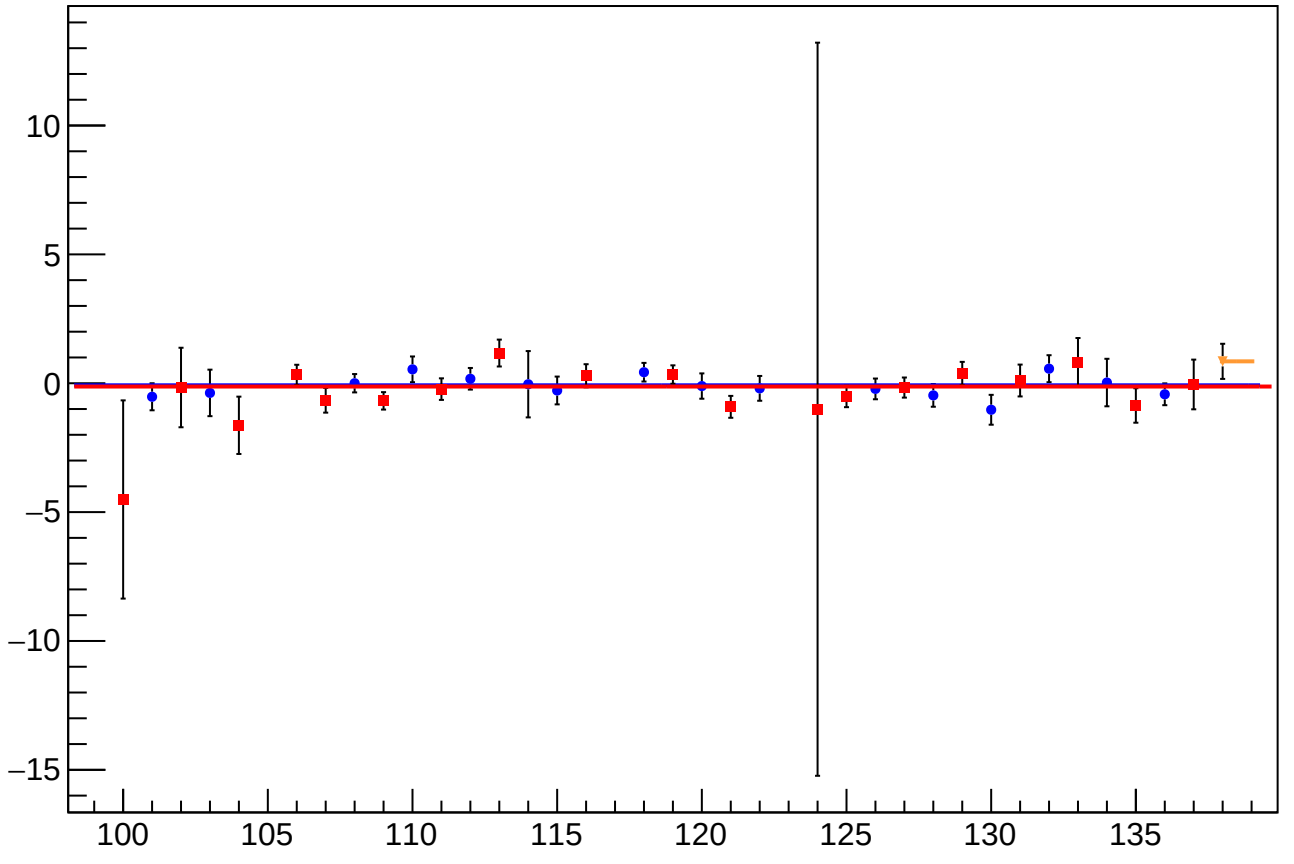
Right Out: 284.189+/-0.083 χ^2/NDF: 1856451.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 317.694+/-0.085 χ^2/NDF: 1336008.2/16

All: 300.510+/-0.059 χ^2/NDF: 3272475.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.080+/-0.122 χ^2/NDF: 10.8/15

Left Out: 0.850+/-0.681 χ^2/NDF:0.0/0

Right Out: -0.128+/-0.117 χ^2/NDF: 25.3/18

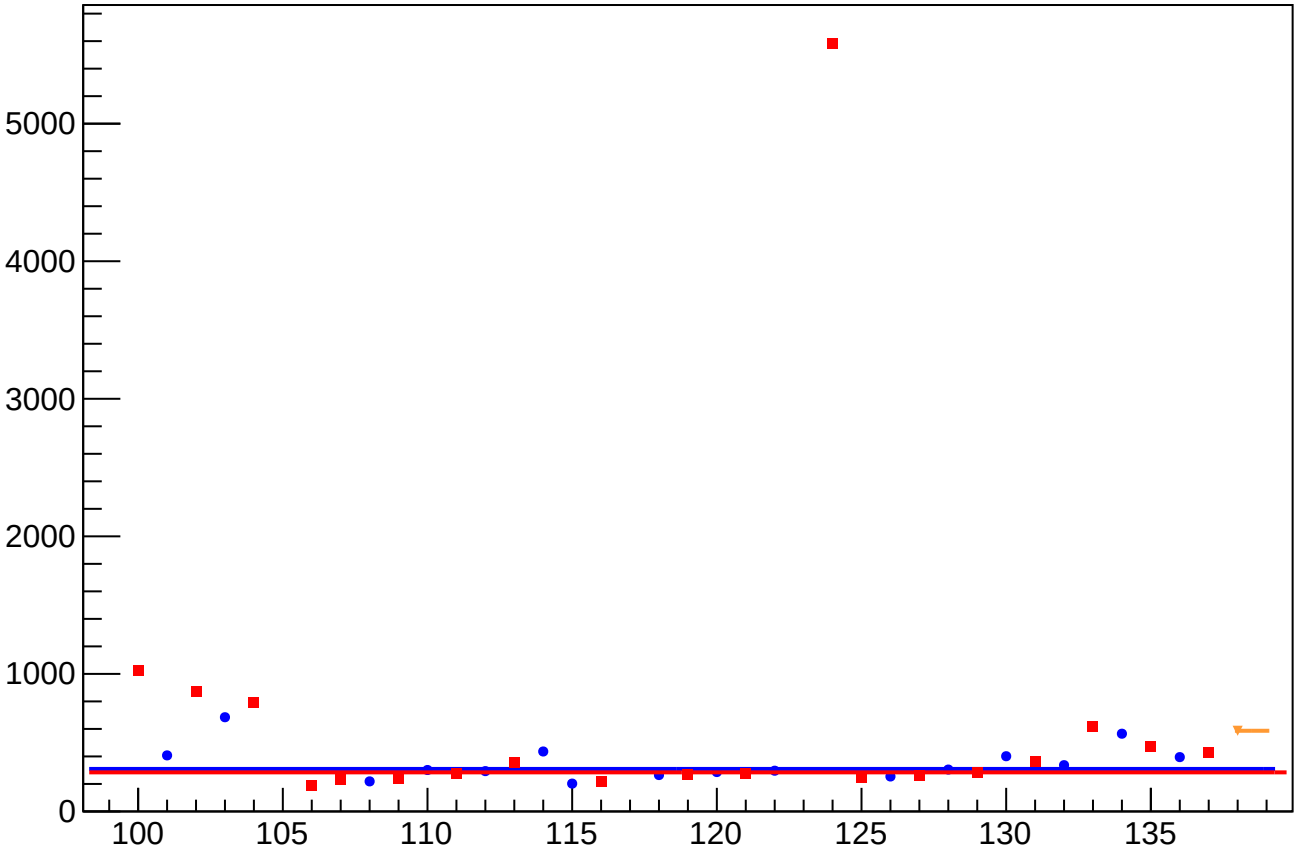
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.051+/-0.120 χ^2/NDF: 12.6/16

All: -0.090+/-0.084 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 309.093+/-0.086 χ^2/NDF: 1014604.9/15

Left Out: 586.587+/-0.482 χ^2/NDF:0.0/0

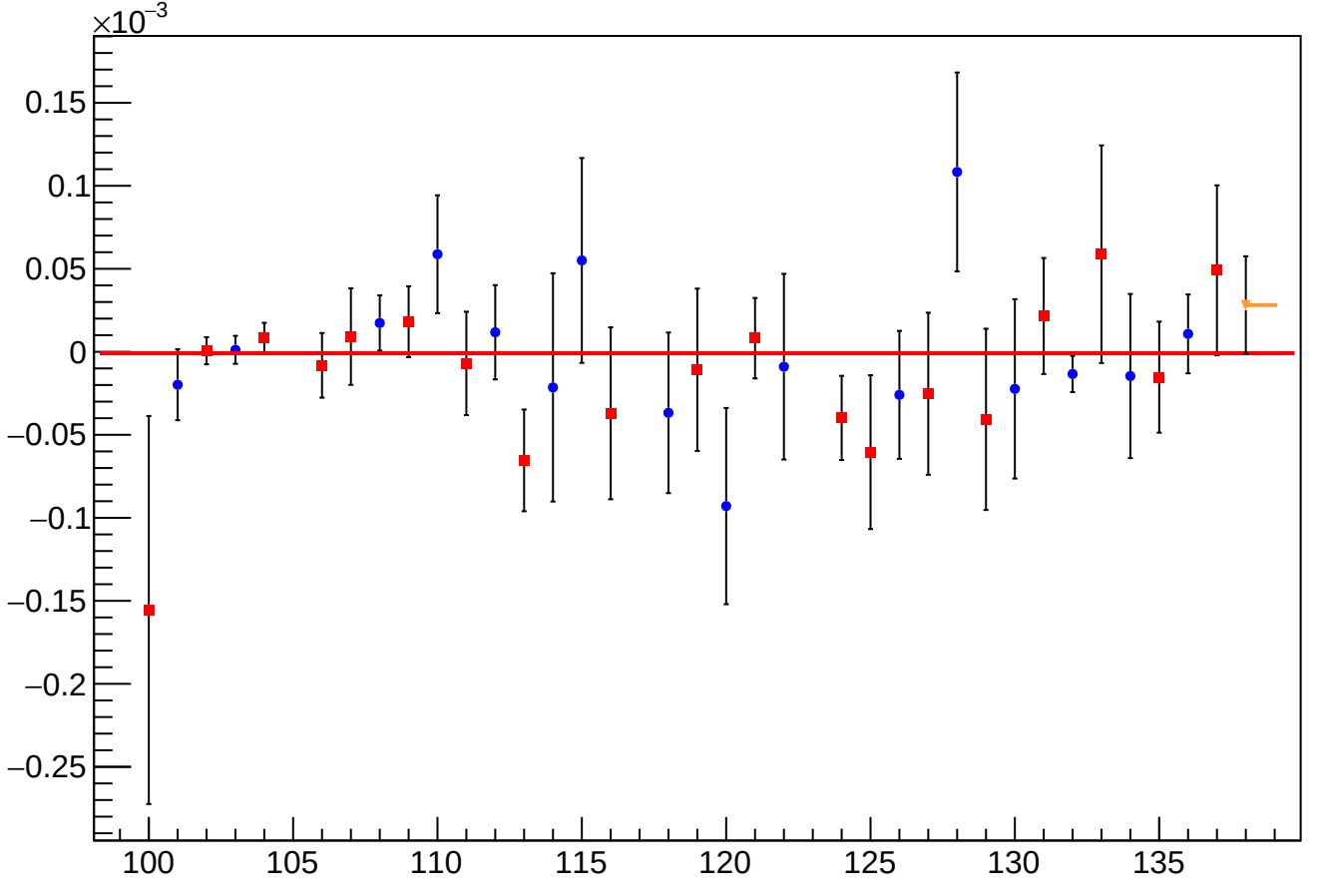
Right Out: 284.189+/-0.083 χ^2/NDF: 1856451.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 317.694+/-0.085 χ^2/NDF: 1336008.2/16

All: 300.510+/-0.059 χ^2/NDF: 3272475.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 16.1/18

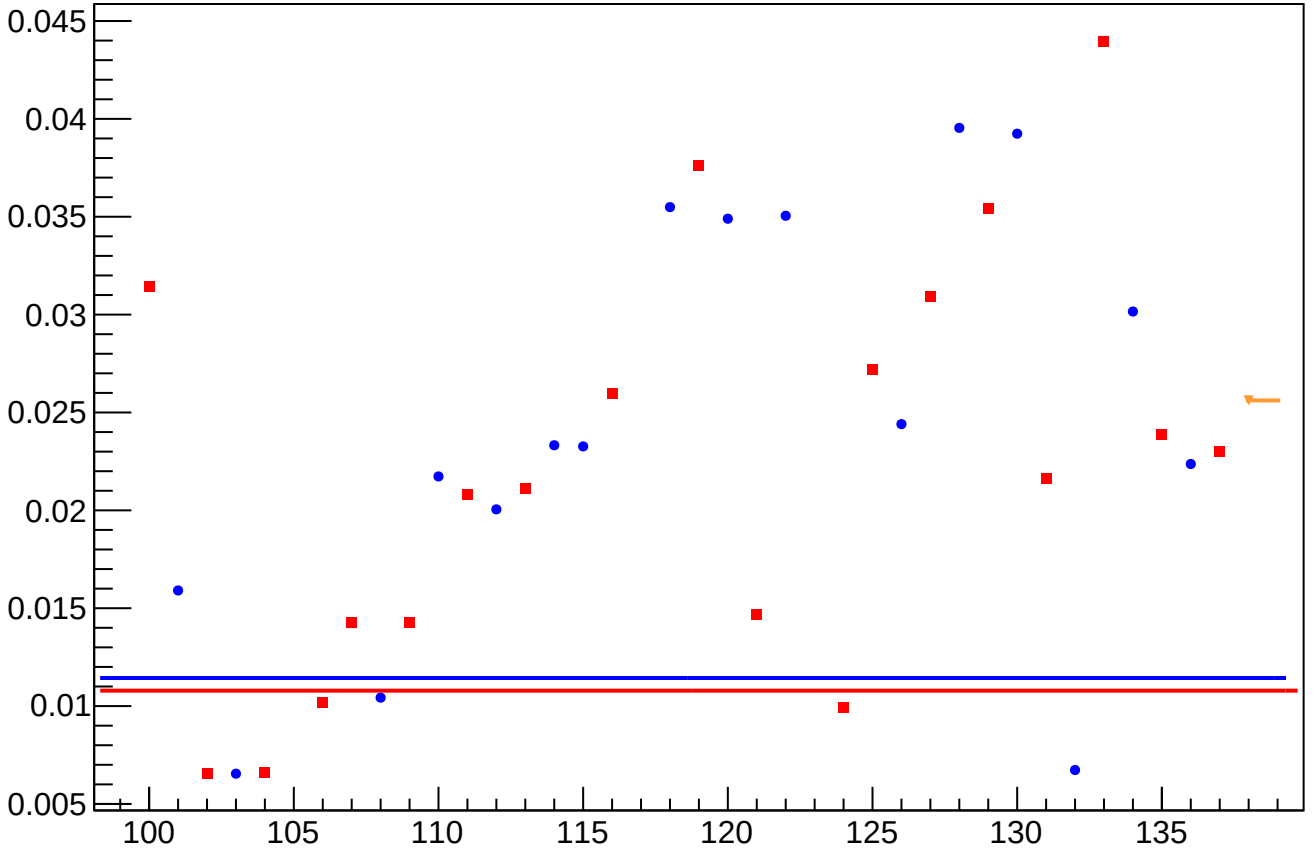
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.4/16

All: -0.000+/-0.000 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 4699938.2/15

Left Out: 0.026+/-0.000 χ^2/NDF:0.0/0

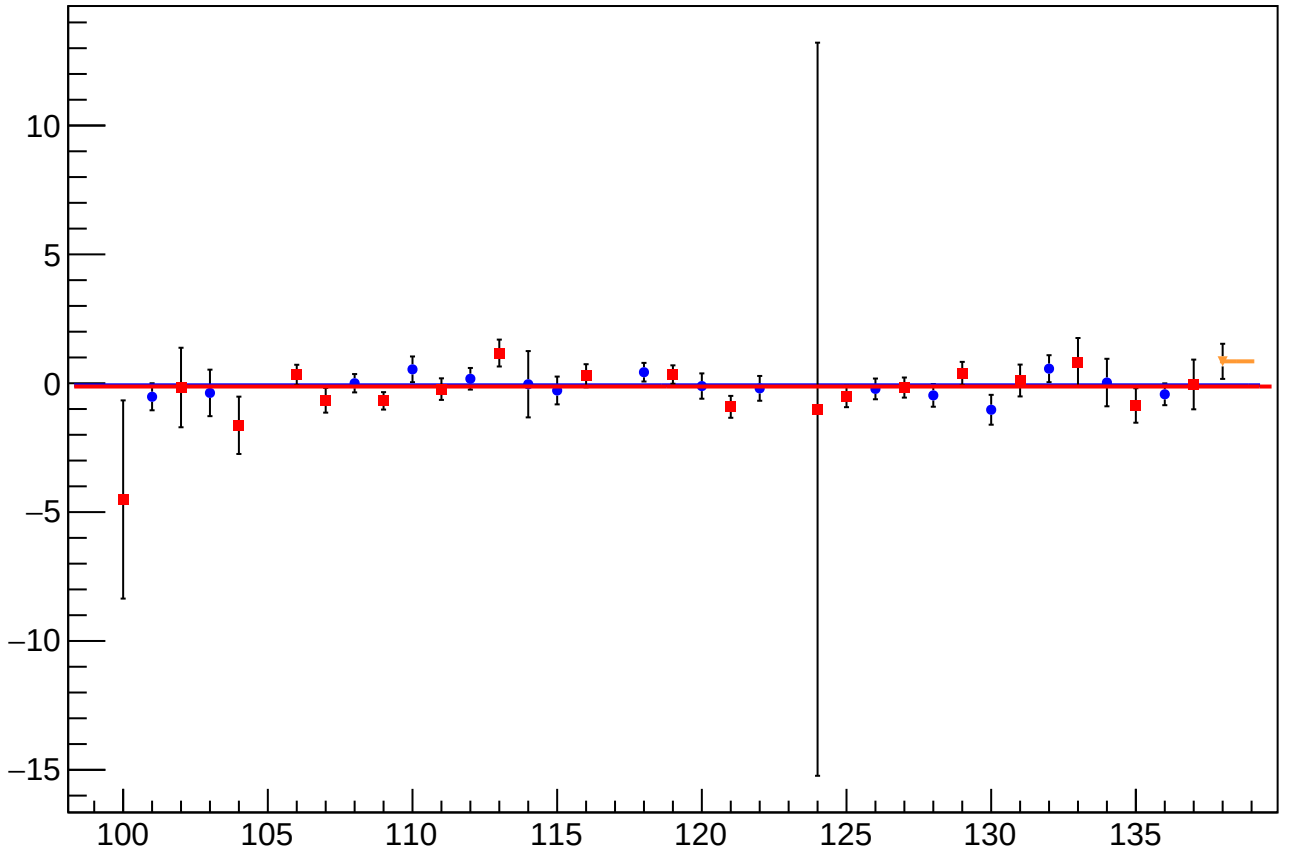
Right Out: 0.011+/-0.000 χ^2/NDF: 4473688.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 5150233.5/16

All: 0.011+/-0.000 χ^2/NDF: 9671068.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.080+/-0.122 χ^2/NDF: 10.8/15

Left Out: 0.850+/-0.681 χ^2/NDF:0.0/0

Right Out: -0.128+/-0.117 χ^2/NDF: 25.3/18

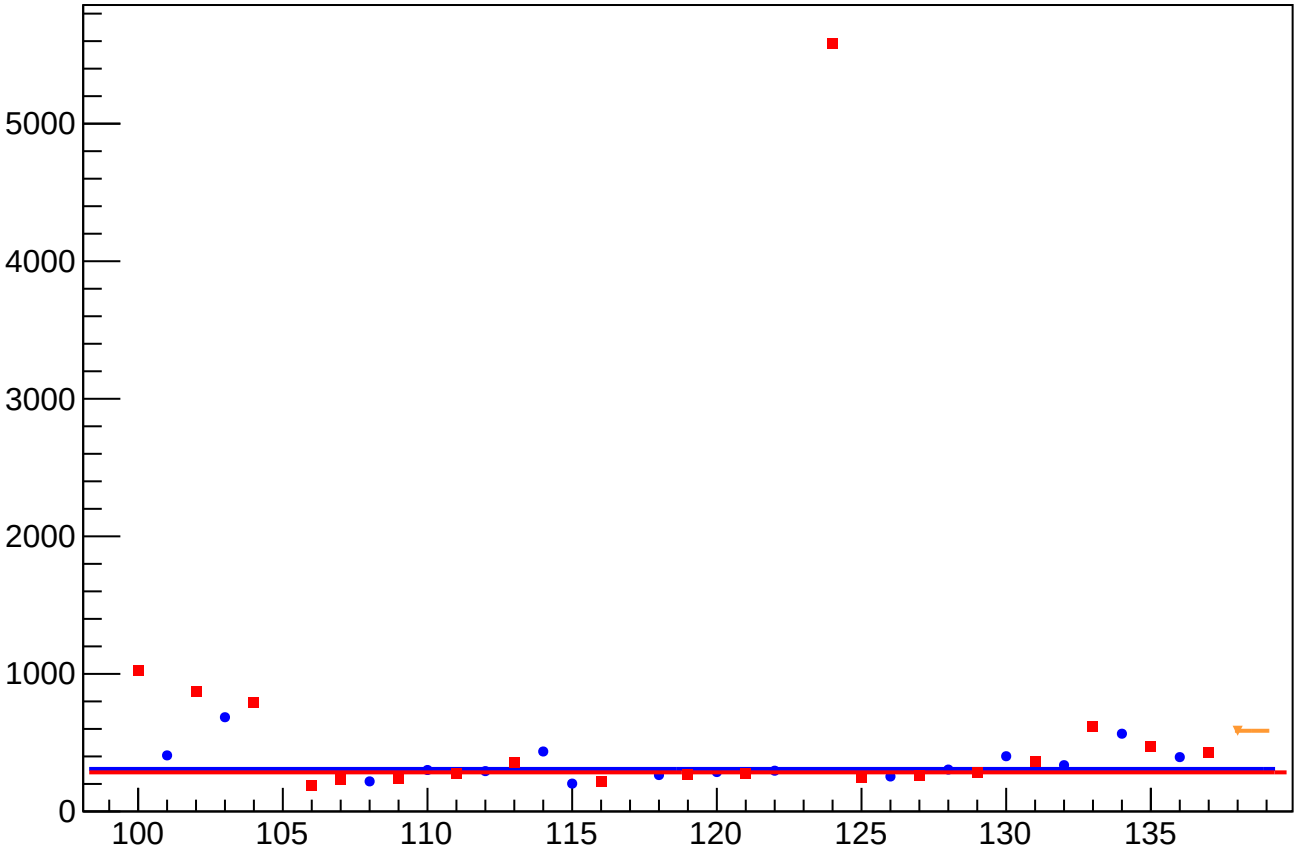
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.051+/-0.120 χ^2/NDF: 12.6/16

All: -0.090+/-0.084 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 309.093+/-0.086 χ^2/NDF: 1014573.4/15

Left Out: 586.593+/-0.482 χ^2/NDF:0.0/0

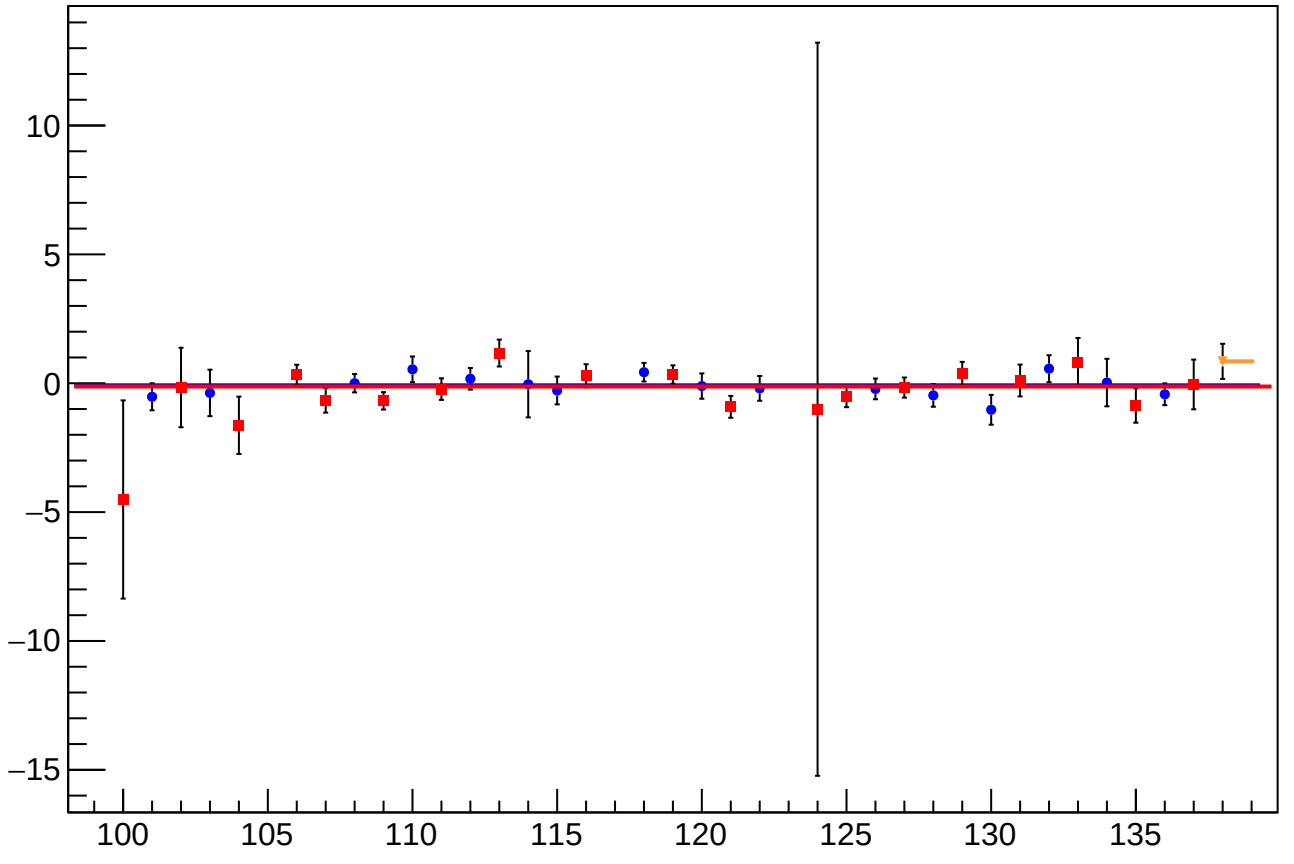
Right Out: 284.188+/-0.083 χ^2/NDF: 1856434.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 317.693+/-0.085 χ^2/NDF: 1335987.5/16

All: 300.509+/-0.059 χ^2/NDF: 3272437.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.080+/-0.122 χ^2/NDF: 10.8/15

Left Out: 0.850+/-0.681 χ^2/NDF:0.0/0

Right Out: -0.128+/-0.117 χ^2/NDF: 25.3/18

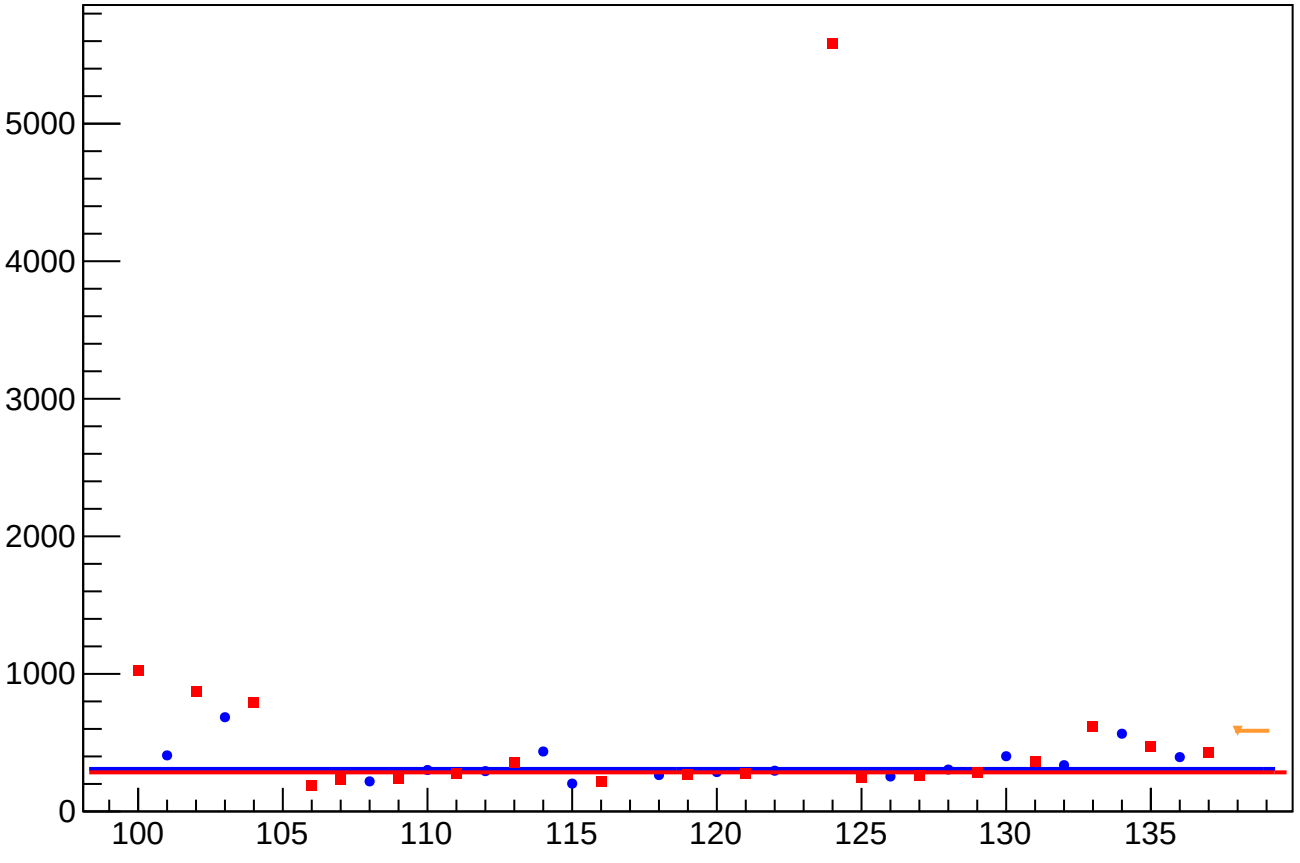
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.051+/-0.120 χ^2/NDF: 12.6/16

All: -0.090+/-0.084 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 309.093+/-0.086 χ^2/NDF: 1014573.4/15

Left Out: 586.593+/-0.482 χ^2/NDF:0.0/0

Right Out: 284.188+/-0.083 χ^2/NDF: 1856434.1/18

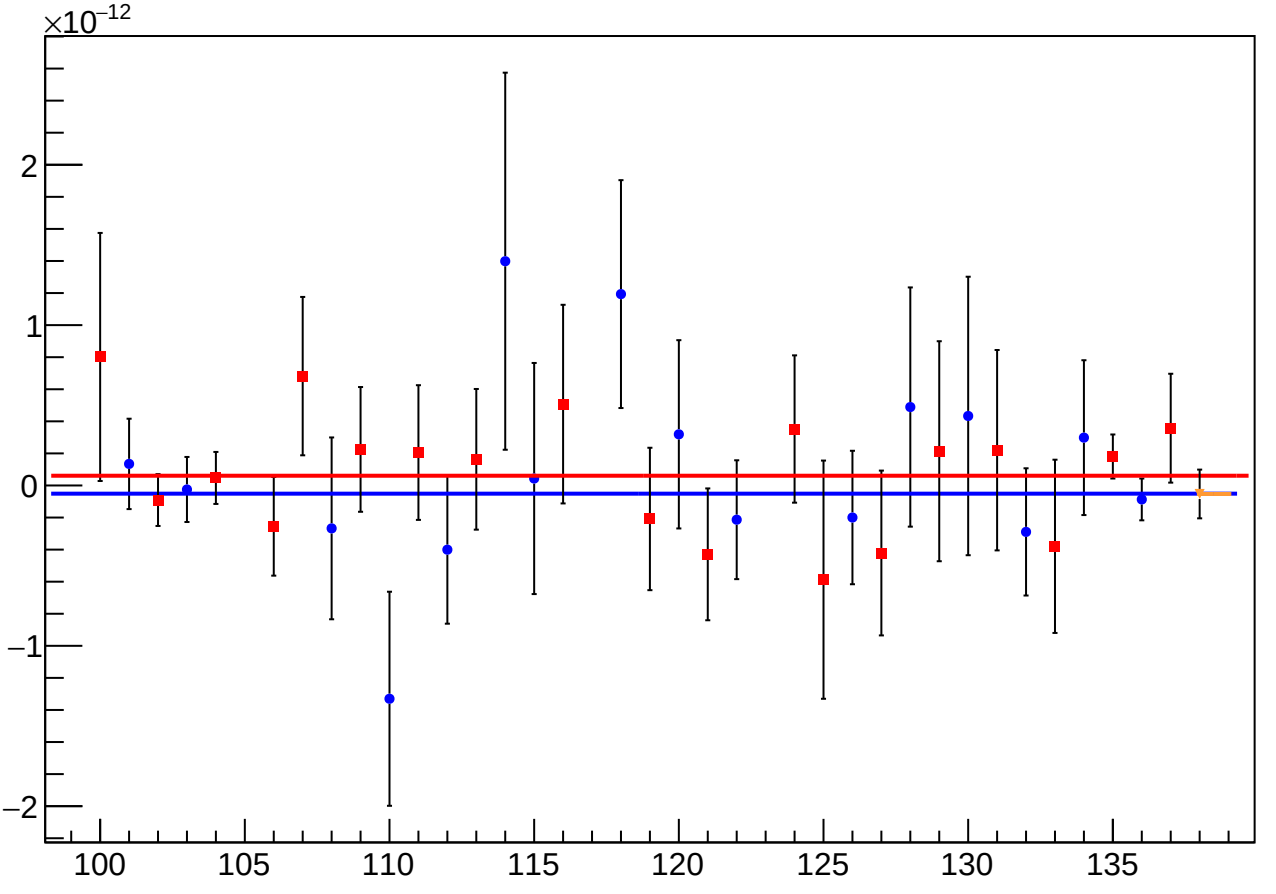
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 317.693+/-0.085 χ^2/NDF: 1335987.5/16

All: 300.509+/-0.059 χ^2/NDF: 3272437.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 12.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

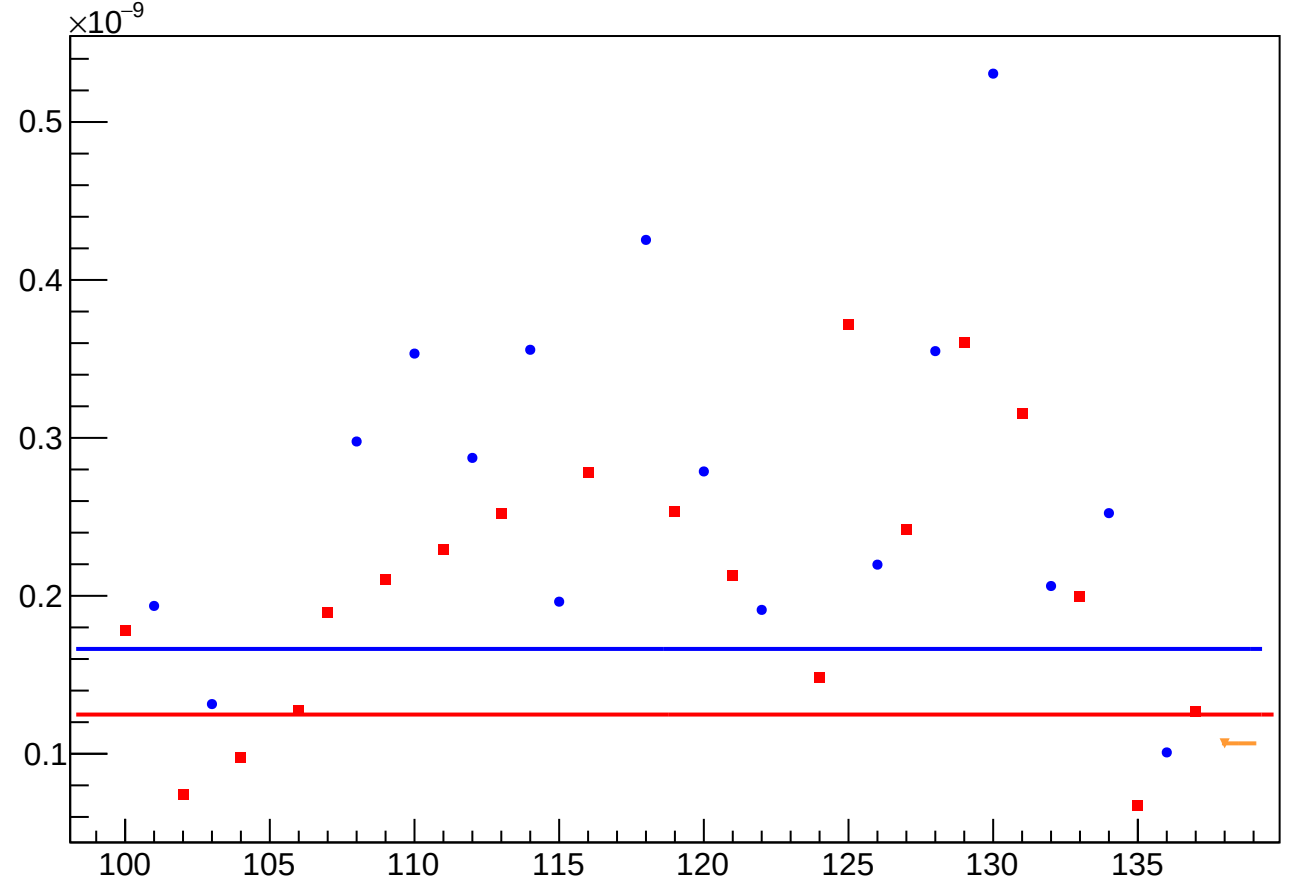
Right Out: 0.000+/-0.000 χ^2/NDF: 11.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 12.0/16

All: 0.000+/-0.000 χ^2/NDF: 24.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1984237.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

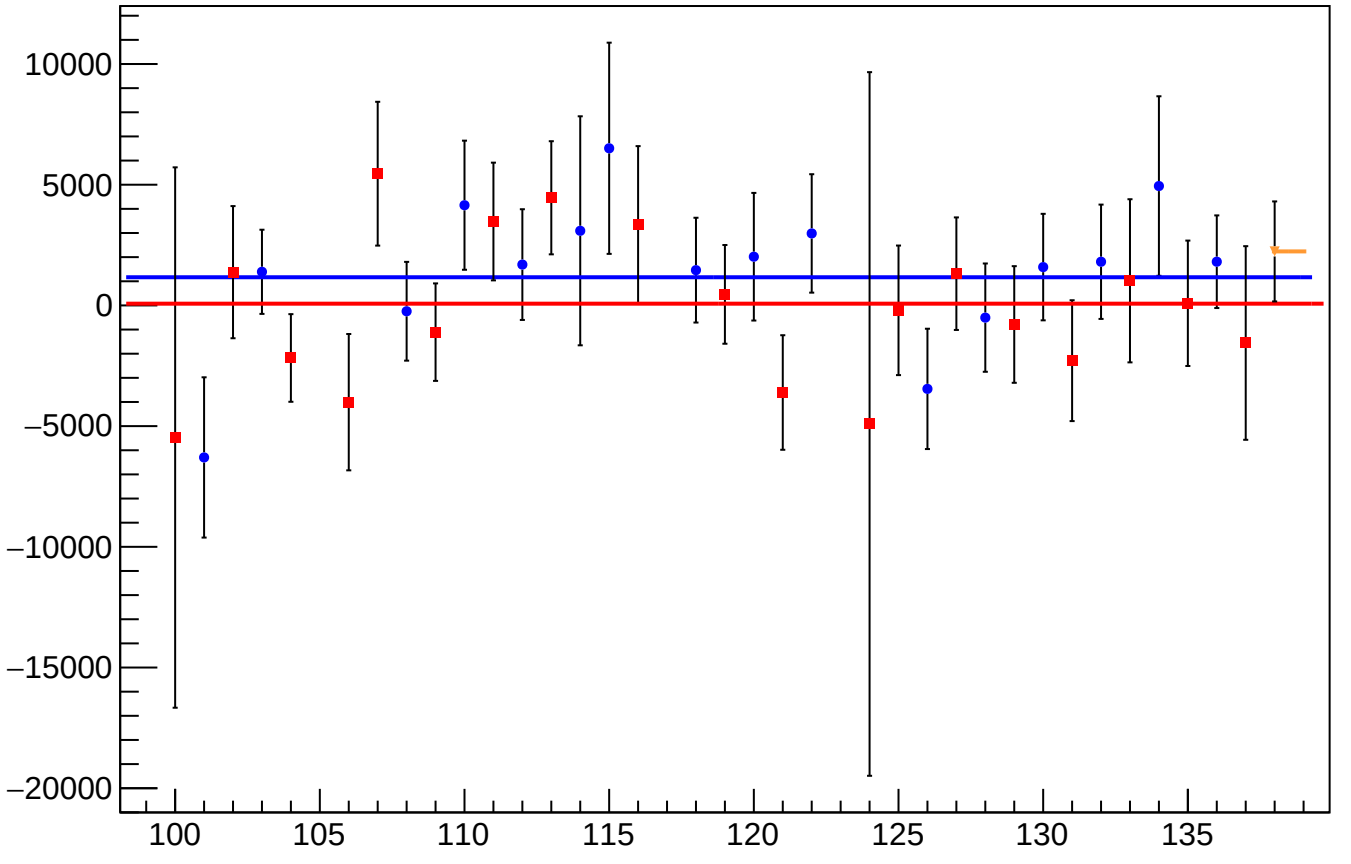
Right Out: 0.000+/-0.000 χ^2/NDF: 2209554.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2220759.6/16

All: 0.000+/-0.000 χ^2/NDF: 4575666.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1166.862+/-609.171 χ^2/NDF: 14.4/15

Left Out: 2237.294+/-2071.037 χ^2/NDF:0.0/0

Right Out: 72.181+/-603.362 χ^2/NDF: 18.3/18

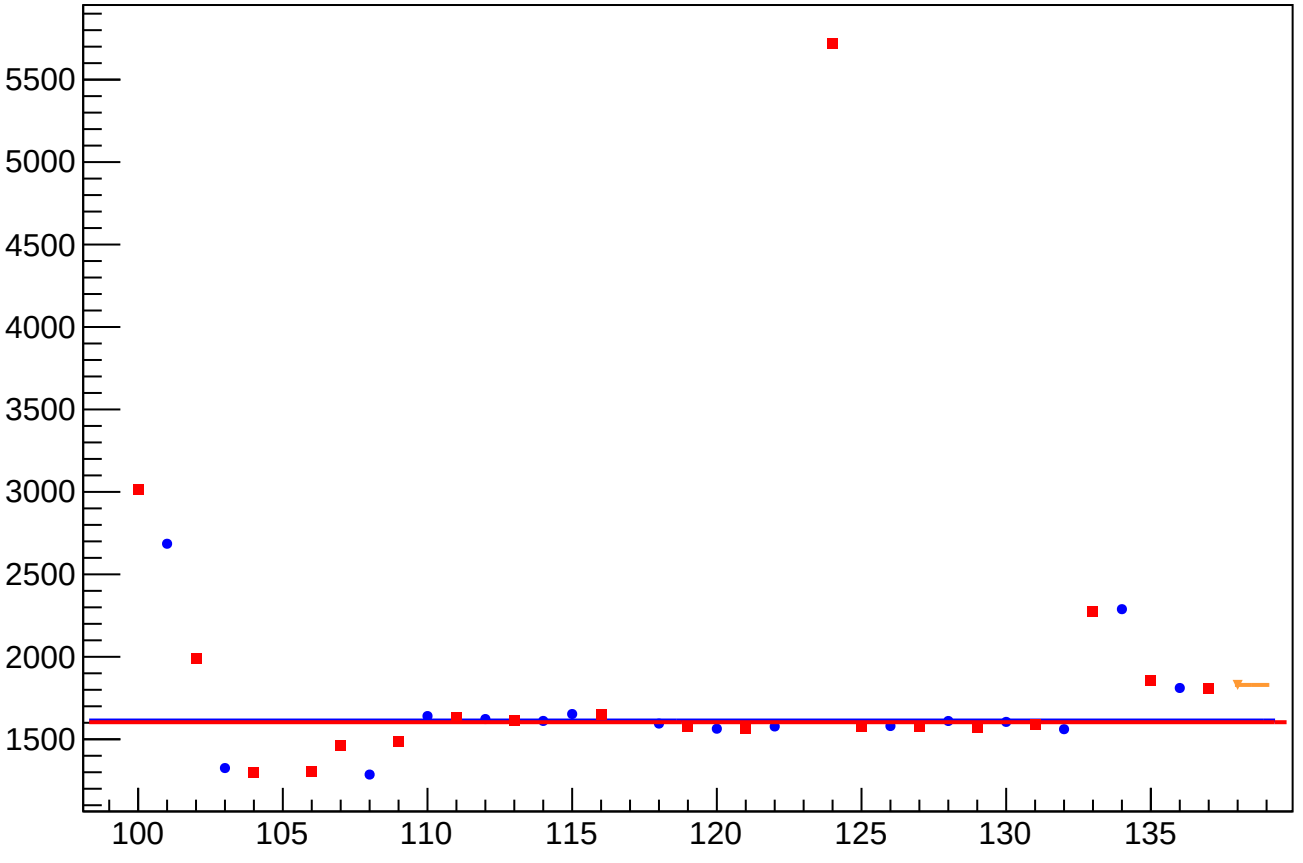
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1252.099+/-584.415 χ^2/NDF: 14.7/16

All: 680.957+/-419.782 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1613.674+/-0.431 χ^2/NDF: 404688.5/15

Left Out: 1829.520+/-1.464 χ^2/NDF:0.0/0

Right Out: 1603.464+/-0.427 χ^2/NDF: 425793.5/18

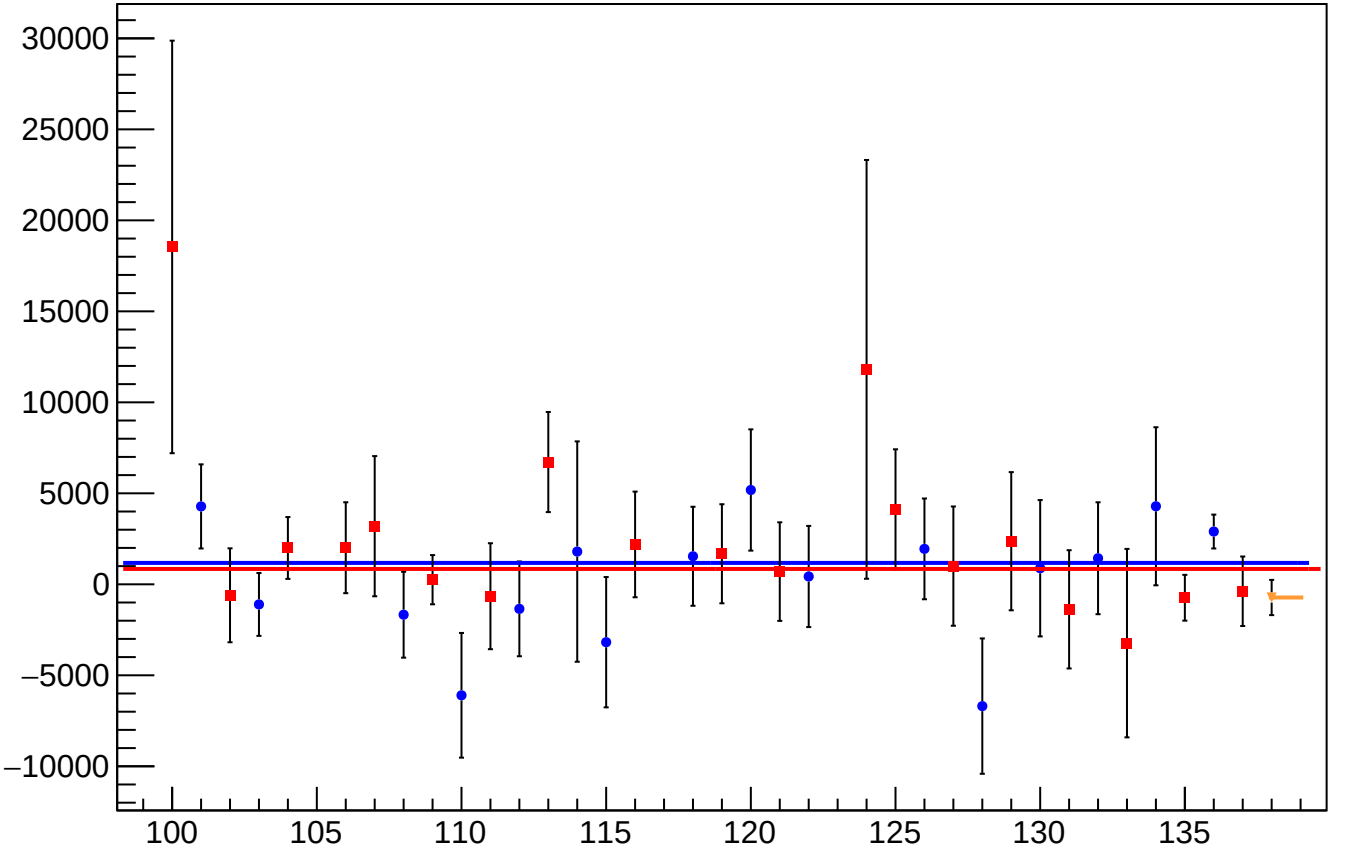
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1630.861+/-0.413 χ^2/NDF: 424682.9/16

All: 1617.600+/-0.297 χ^2/NDF: 852603.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: 1175.479+/-579.062 χ^2/NDF: 22.0/15

Left Out: -724.962+/-967.626 χ^2/NDF:0.0/0

Right Out: 843.857+/-557.438 χ^2/NDF: 14.3/18

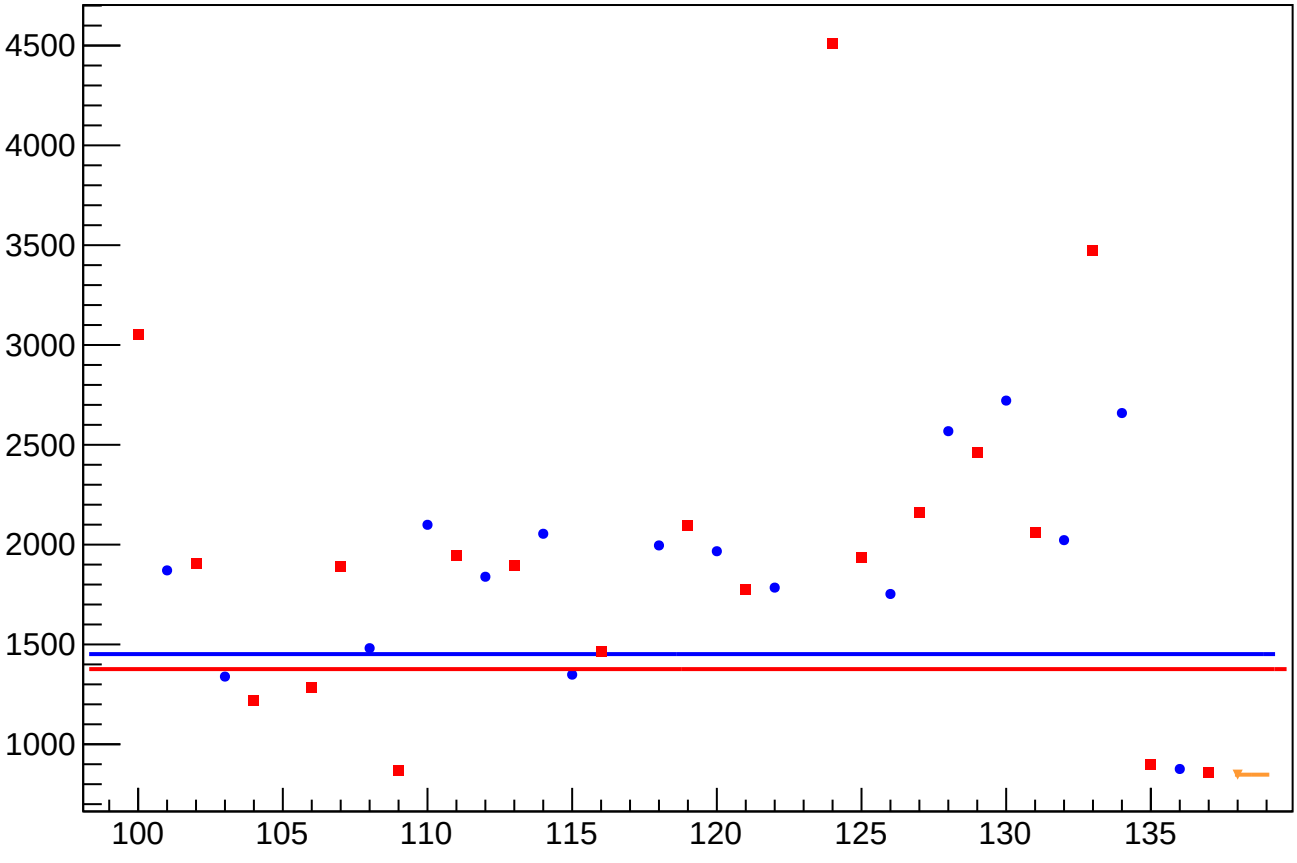
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 674.350+/-496.884 χ^2/NDF: 24.8/16

All: 749.400+/-370.919 χ^2/NDF: 39.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1451.631+/-0.409 χ^2/NDF: 1790839.5/15

Left Out: 847.717+/-0.684 χ^2/NDF:0.0/0

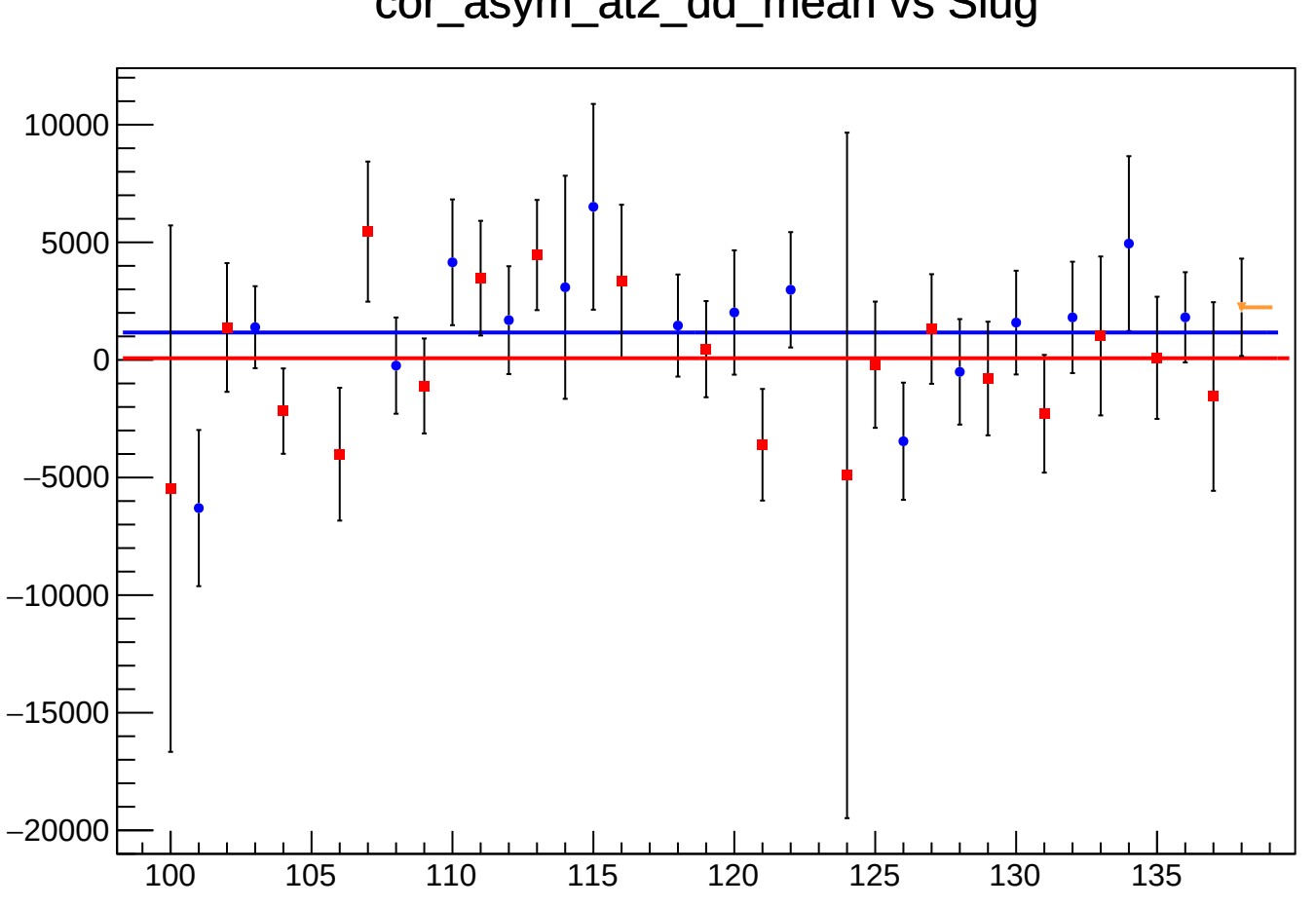
Right Out: 1376.470+/-0.394 χ^2/NDF: 2132051.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1292.384+/-0.351 χ^2/NDF: 2364461.6/16

All: 1329.614+/-0.262 χ^2/NDF: 4521871.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1166.769+/-609.171 χ^2/NDF: 14.4/15

Left Out: 2237.191+/-2071.037 χ^2/NDF:0.0/0

Right Out: 72.499+/-603.362 χ^2/NDF: 18.3/18

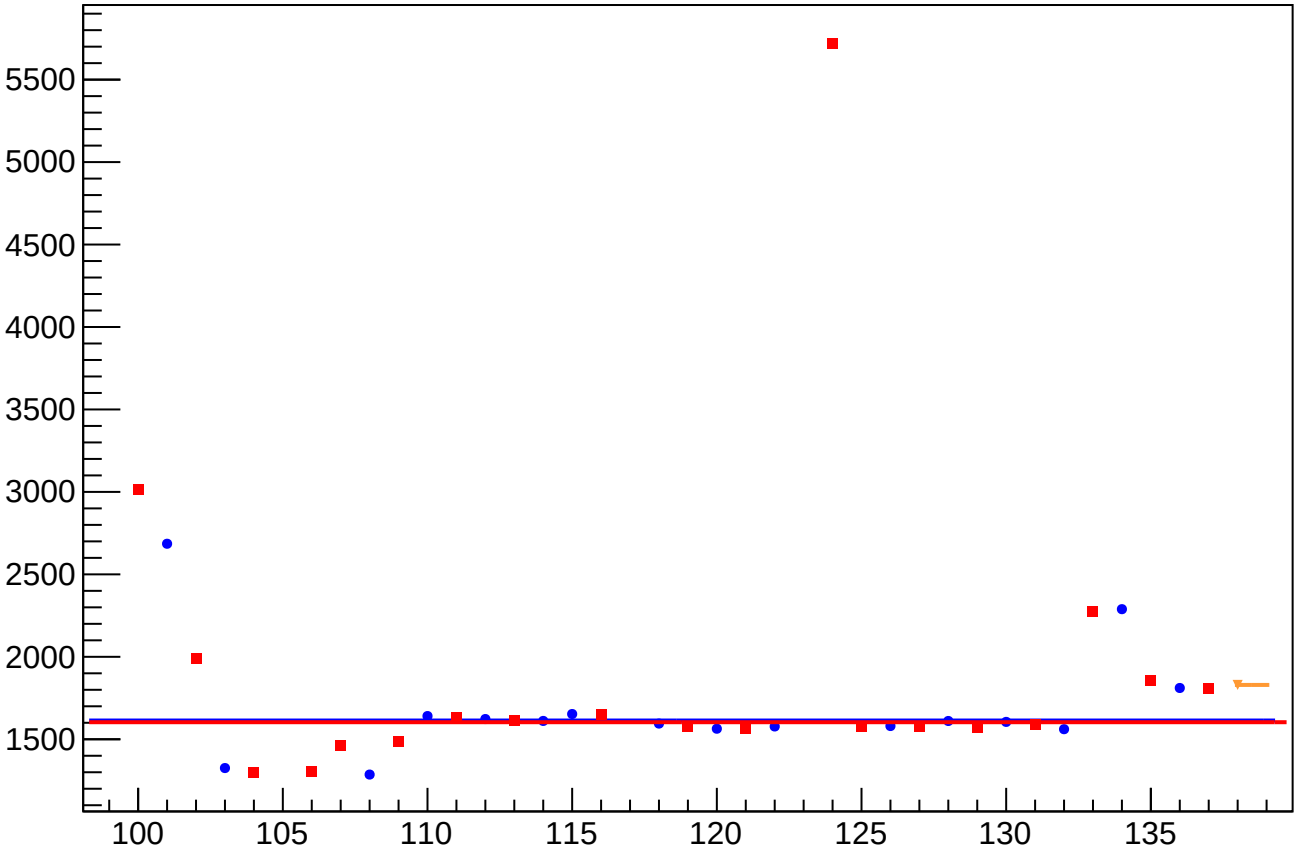
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1252.005+/-584.415 χ^2/NDF: 14.7/16

All: 681.062+/-419.782 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1613.674+/-0.431 χ^2/NDF: 404688.8/15

Left Out: 1829.520+/-1.464 χ^2/NDF:0.0/0

Right Out: 1603.464+/-0.427 χ^2/NDF: 425793.4/18

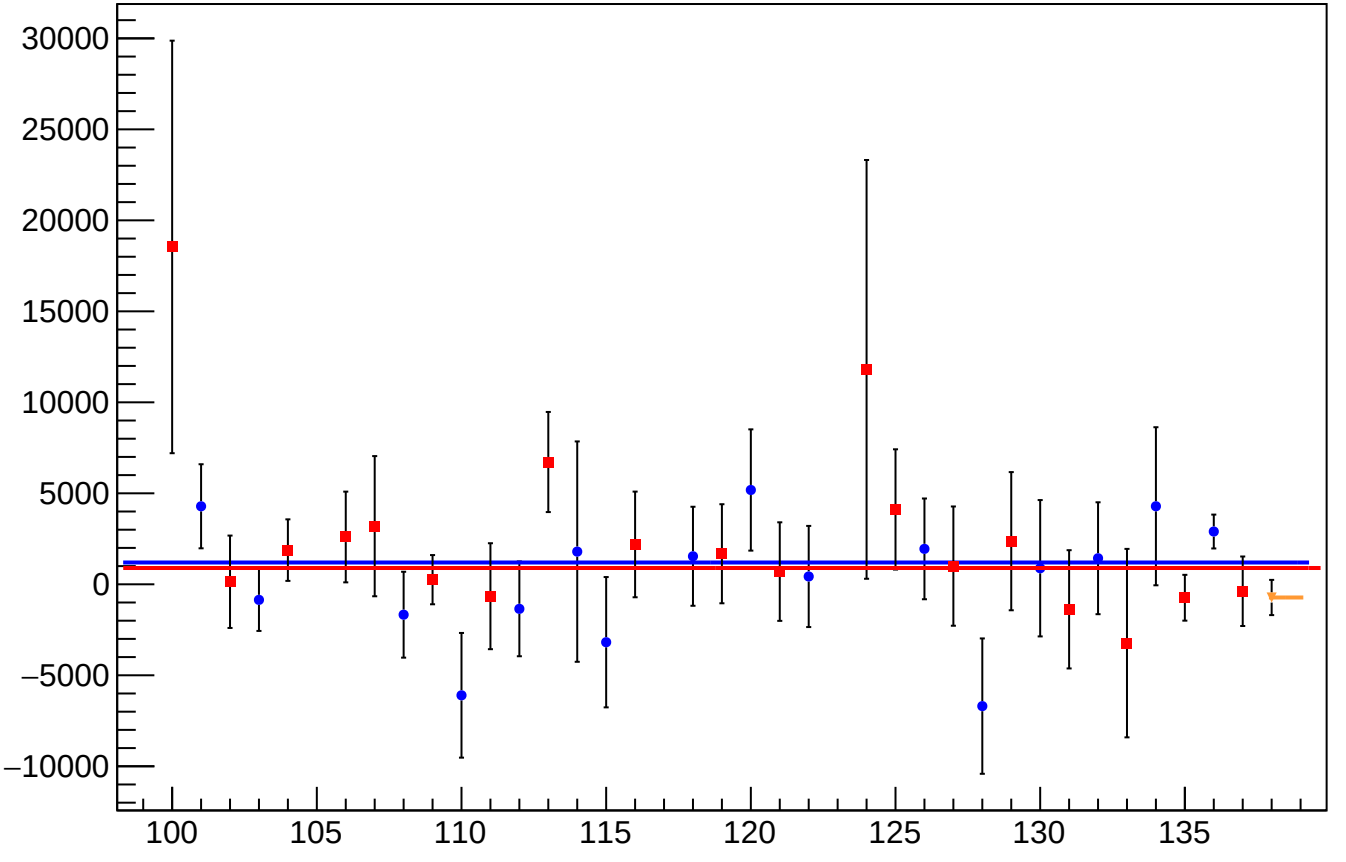
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1630.861+/-0.413 χ^2/NDF: 424683.2/16

All: 1617.599+/-0.297 χ^2/NDF: 852604.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



Right In: 1198.338+/-578.240 χ^2/NDF: 21.7/15

Left Out: -724.951+/-967.626 χ^2/NDF:0.0/0

Right Out: 895.463+/-556.666 χ^2/NDF: 14.2/18

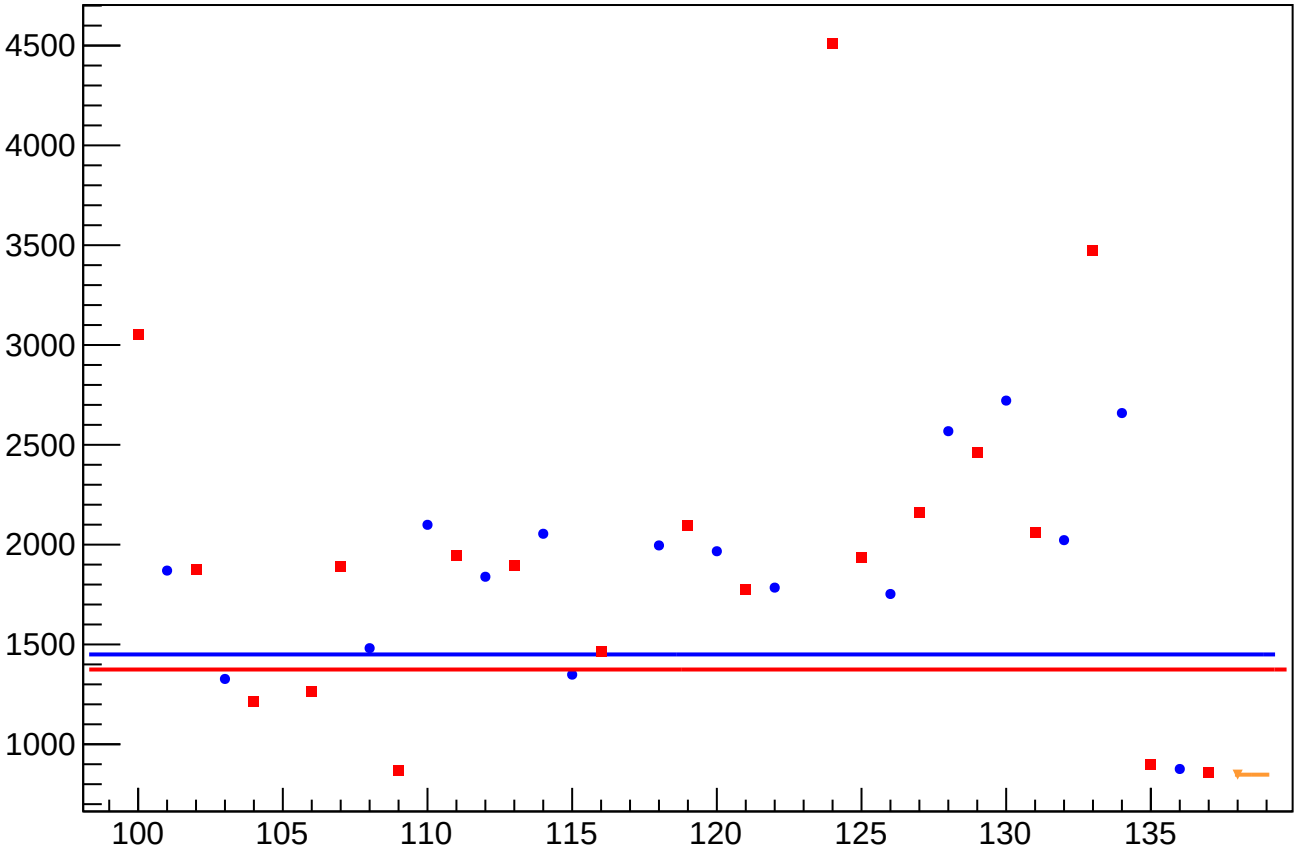
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 692.244+/-496.365 χ^2/NDF: 24.6/16

All: 782.254+/-370.475 χ^2/NDF: 38.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1449.939+/-0.409 χ^2/NDF: 1792673.2/15

Left Out: 847.717+/-0.684 χ^2/NDF:0.0/0

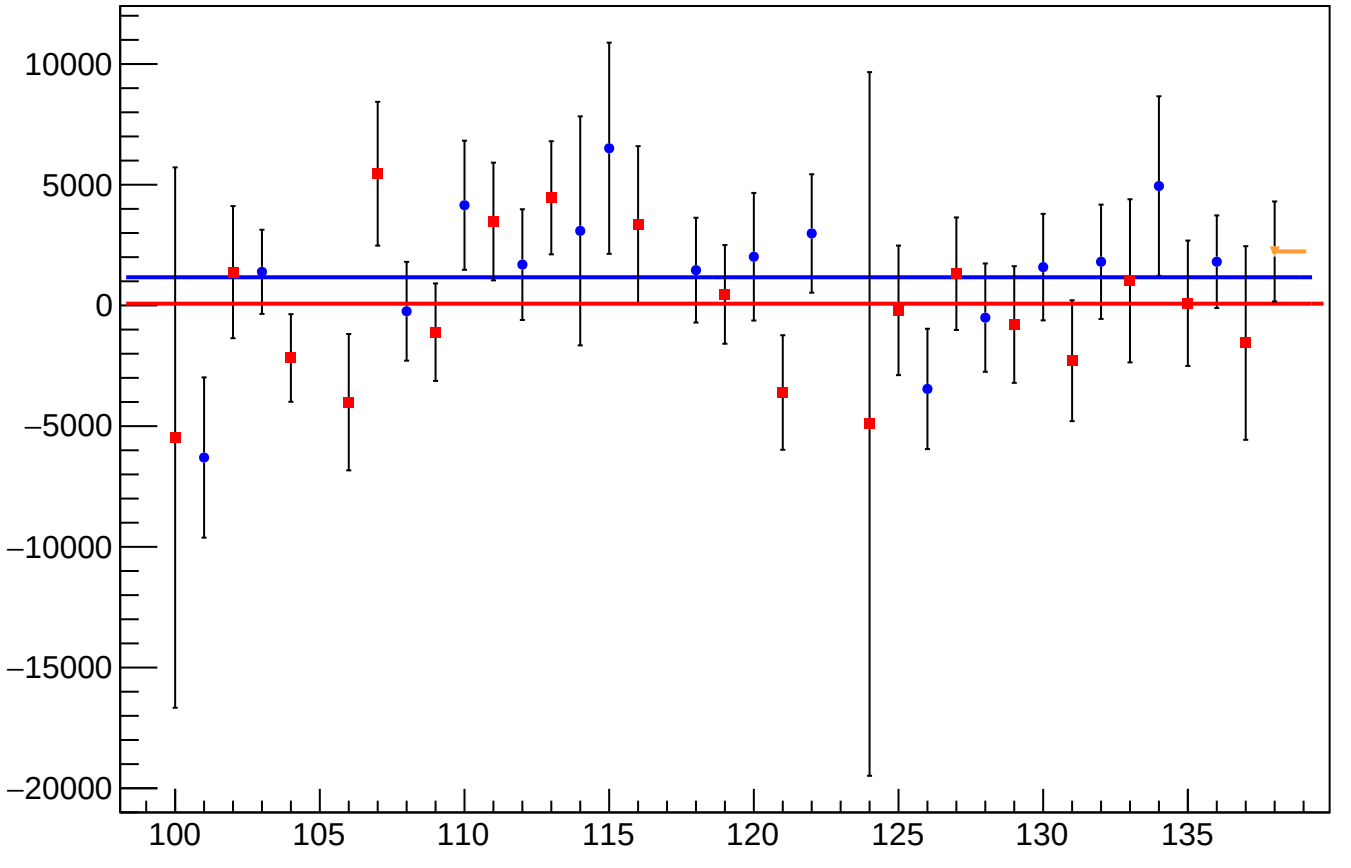
Right Out: 1374.438+/-0.394 χ^2/NDF: 2127695.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1291.470+/-0.351 χ^2/NDF: 2363511.8/16

All: 1328.218+/-0.262 χ^2/NDF: 4515957.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1166.769+/-609.171 χ^2/NDF: 14.4/15

Left Out: 2237.191+/-2071.037 χ^2/NDF:0.0/0

Right Out: 72.499+/-603.362 χ^2/NDF: 18.3/18

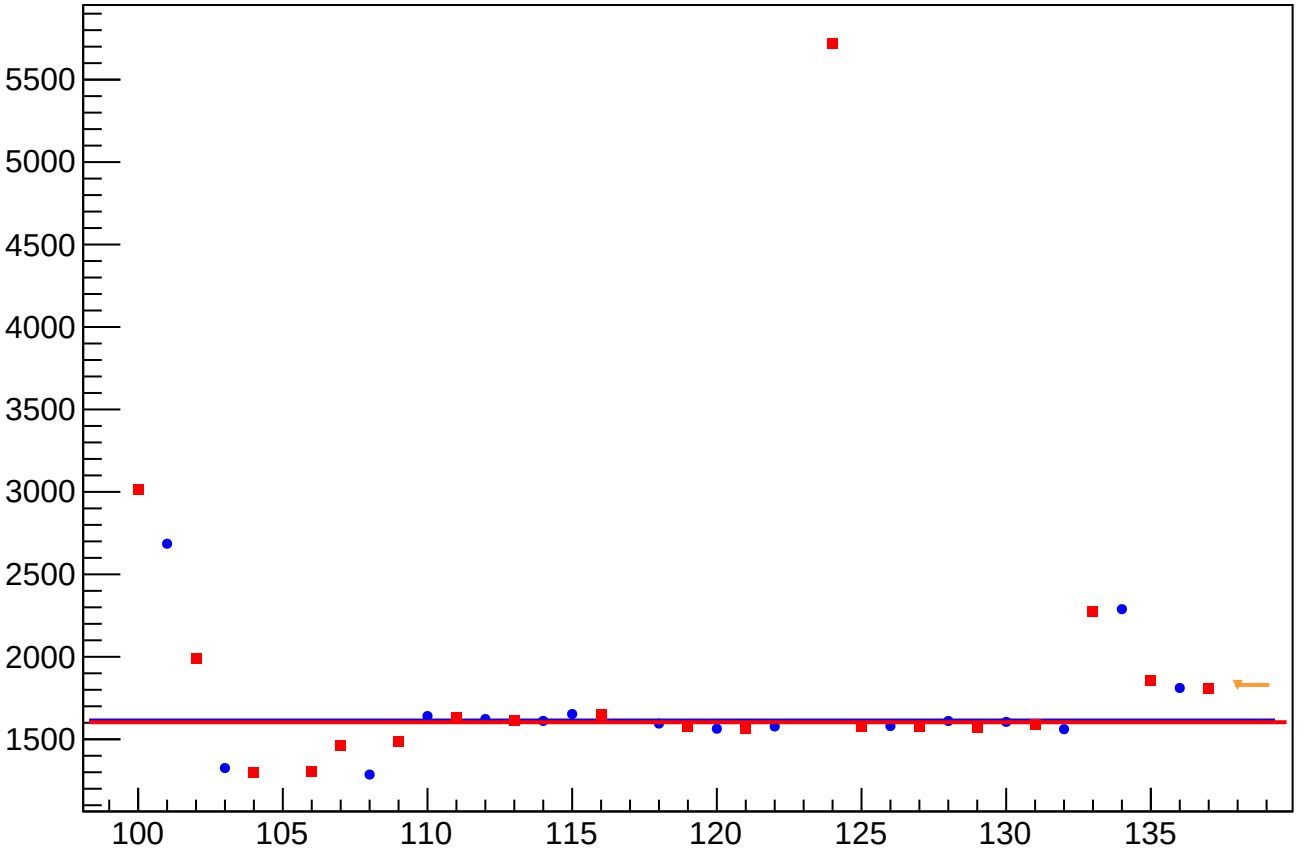
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1252.005+/-584.415 χ^2/NDF: 14.7/16

All: 681.062+/-419.782 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1613.674+/-0.431 χ^2/NDF: 404688.8/15

Left Out: 1829.520+/-1.464 χ^2/NDF:0.0/0

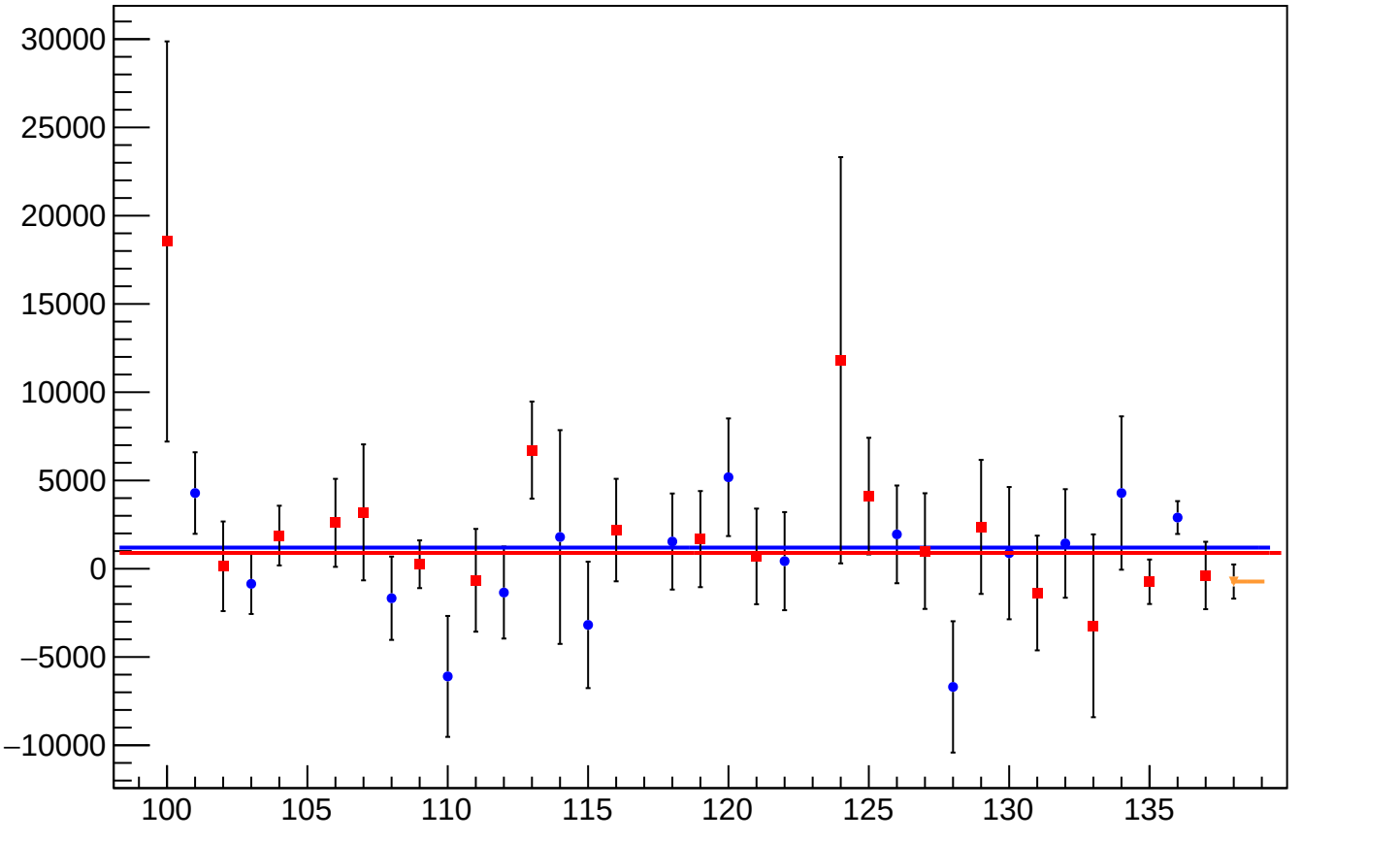
Right Out: 1603.464+/-0.427 χ^2/NDF: 425793.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1630.861+/-0.413 χ^2/NDF: 424683.2/16

All: 1617.599+/-0.297 χ^2/NDF: 852604.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1198.338+/-578.240 χ^2/NDF: 21.7/15

Left Out: -724.951+/-967.626 χ^2/NDF:0.0/0

Right Out: 895.463+/-556.666 χ^2/NDF: 14.2/18

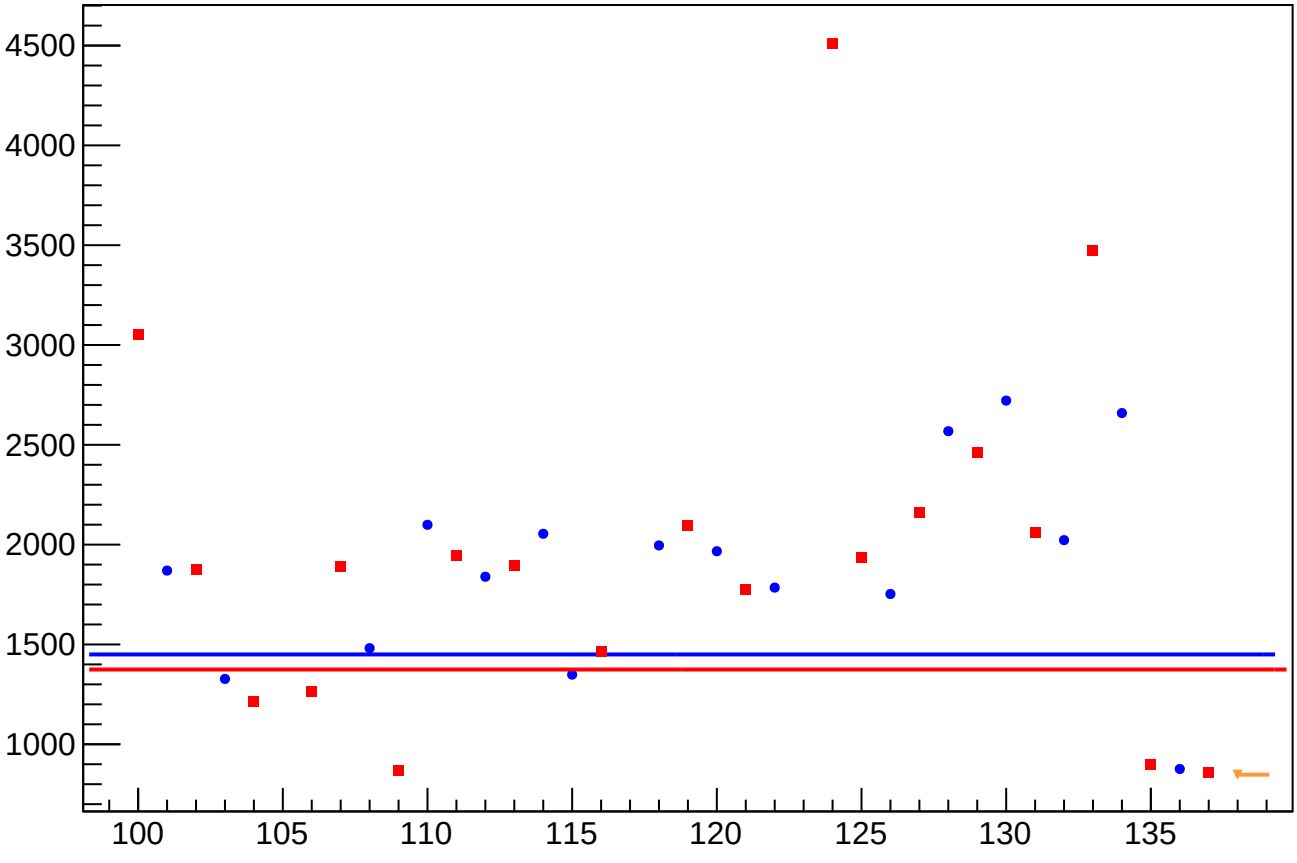
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 692.244+/-496.365 χ^2/NDF: 24.6/16

All: 782.254+/-370.475 χ^2/NDF: 38.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1449.939+/-0.409 χ^2/NDF: 1792673.2/15

Left Out: 847.717+/-0.684 χ^2/NDF:0.0/0

Right Out: 1374.438+/-0.394 χ^2/NDF: 2127695.6/18

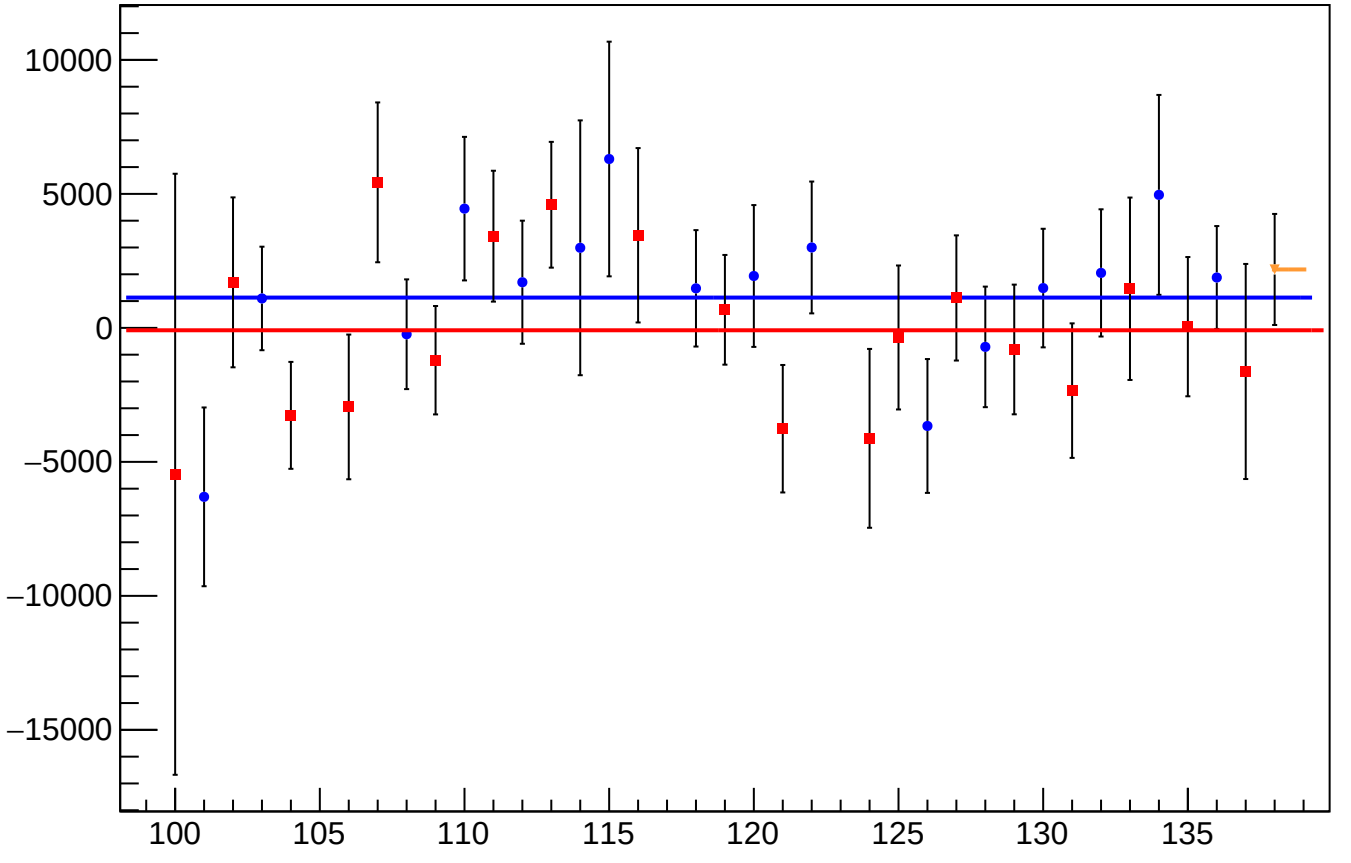
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1291.470+/-0.351 χ^2/NDF: 2363511.8/16

All: 1328.218+/-0.262 χ^2/NDF: 4515957.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 1130.726+/-617.236 χ^2/NDF: 15.0/15

Left Out: 2180.226+/-2071.987 χ^2/NDF:0.0/0

Right Out: -89.220+/-603.072 χ^2/NDF: 20.7/18

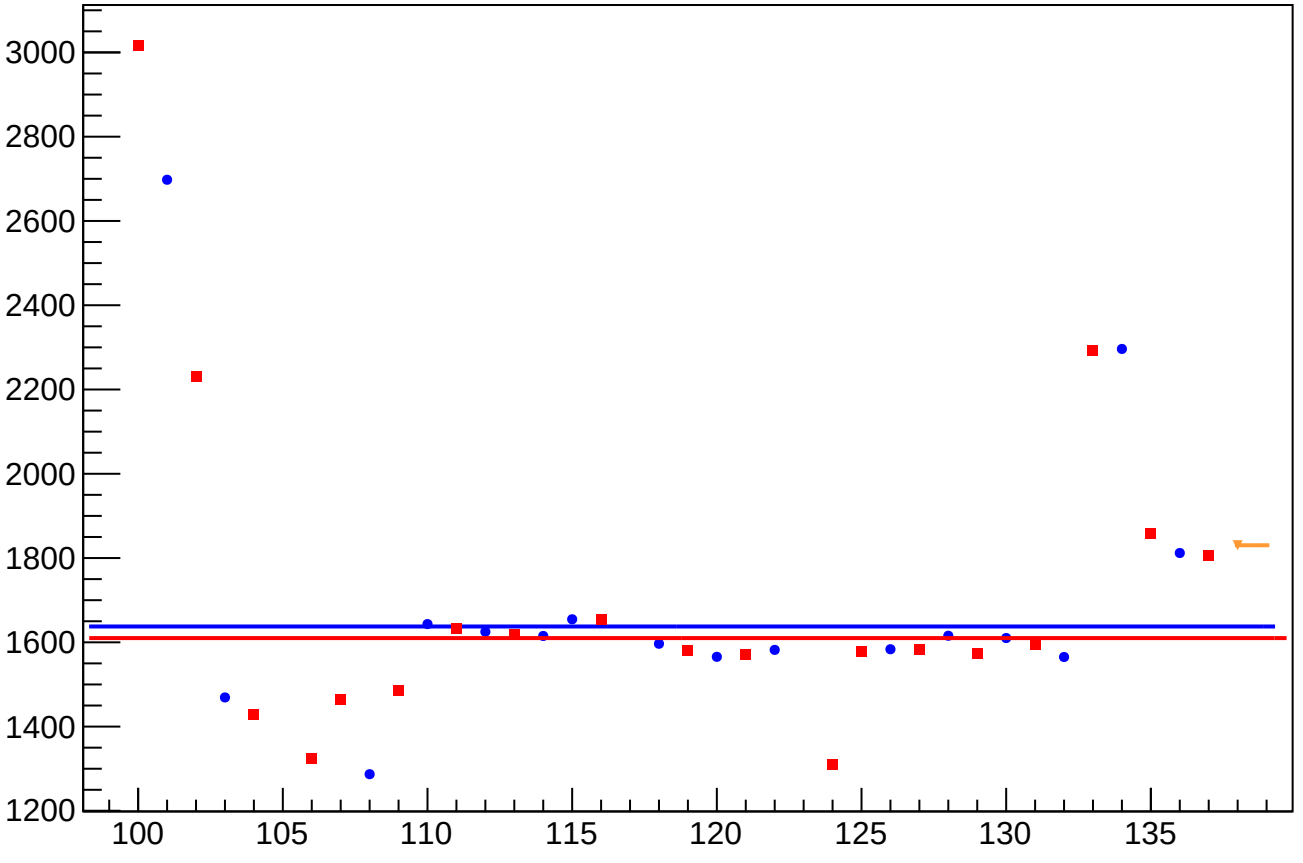
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1216.269+/-591.546 χ^2/NDF: 15.2/16

All: 576.119+/-422.302 χ^2/NDF: 38.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1637.574+/-0.436 χ^2/NDF: 361417.0/15

Left Out: 1830.359+/-1.465 χ^2/NDF:0.0/0

Right Out: 1610.043+/-0.426 χ^2/NDF: 280812.5/18

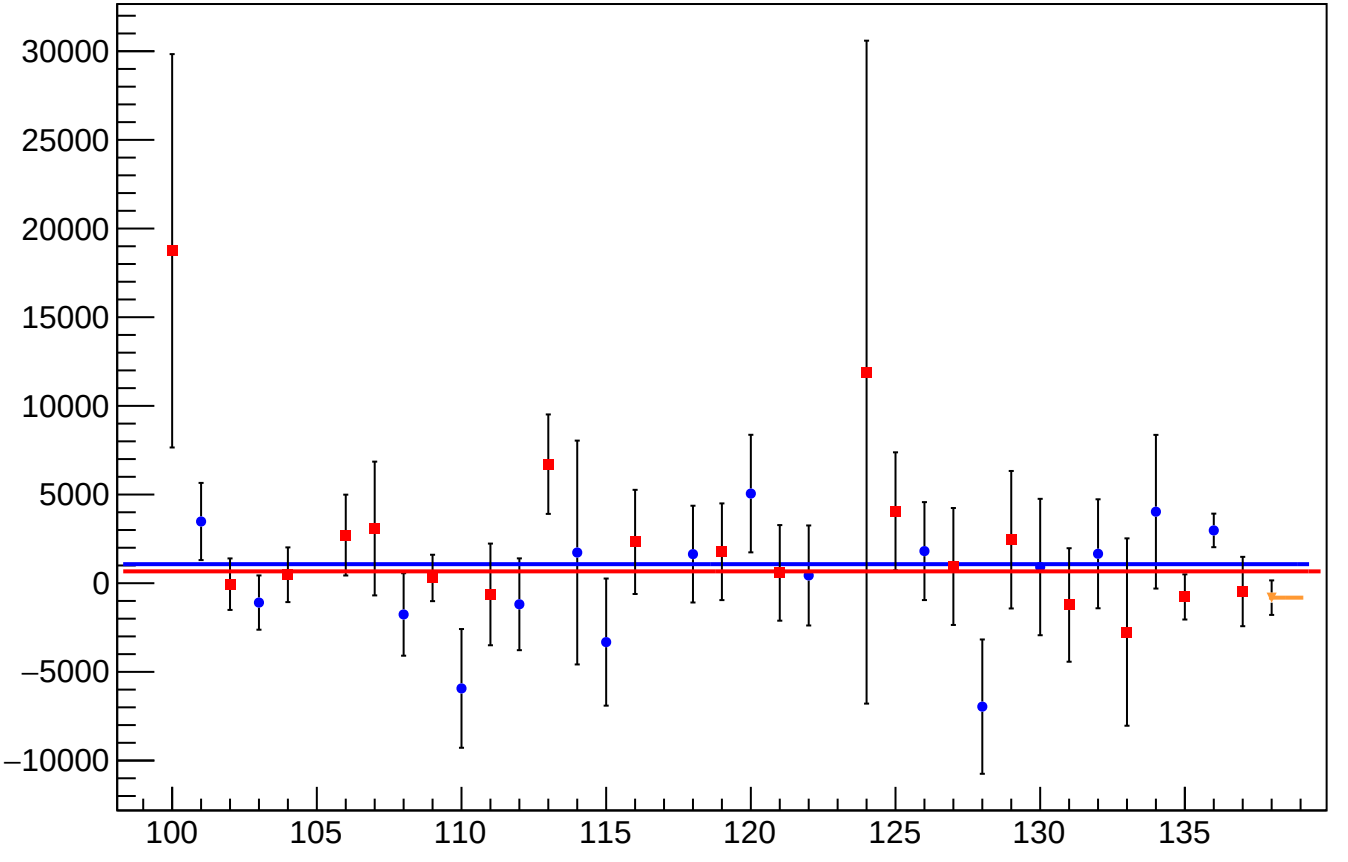
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1653.287+/-0.418 χ^2/NDF: 377320.0/16

All: 1632.083+/-0.299 χ^2/NDF: 663373.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: 1073.600+/-571.609 χ^2/NDF: 22.0/15

Left Out: -814.666+/-973.454 χ^2/NDF:0.0/0

Right Out: 667.777+/-523.477 χ^2/NDF: 13.6/18

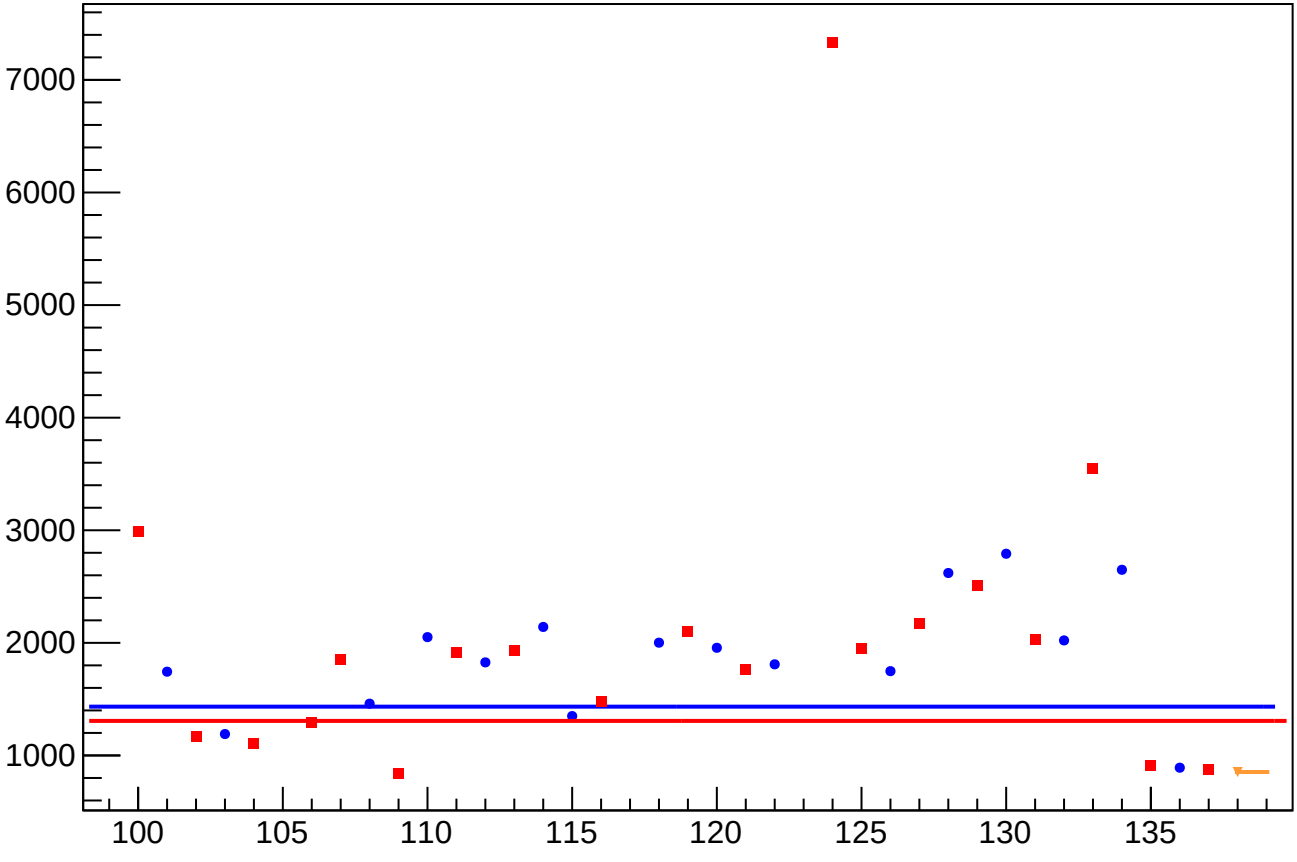
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 589.458+/-492.913 χ^2/NDF: 24.8/16

All: 626.264+/-358.861 χ^2/NDF: 38.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1433.477+/-0.404 χ^2/NDF: 1763491.8/15

Left Out: 853.009+/-0.688 χ^2/NDF:0.0/0

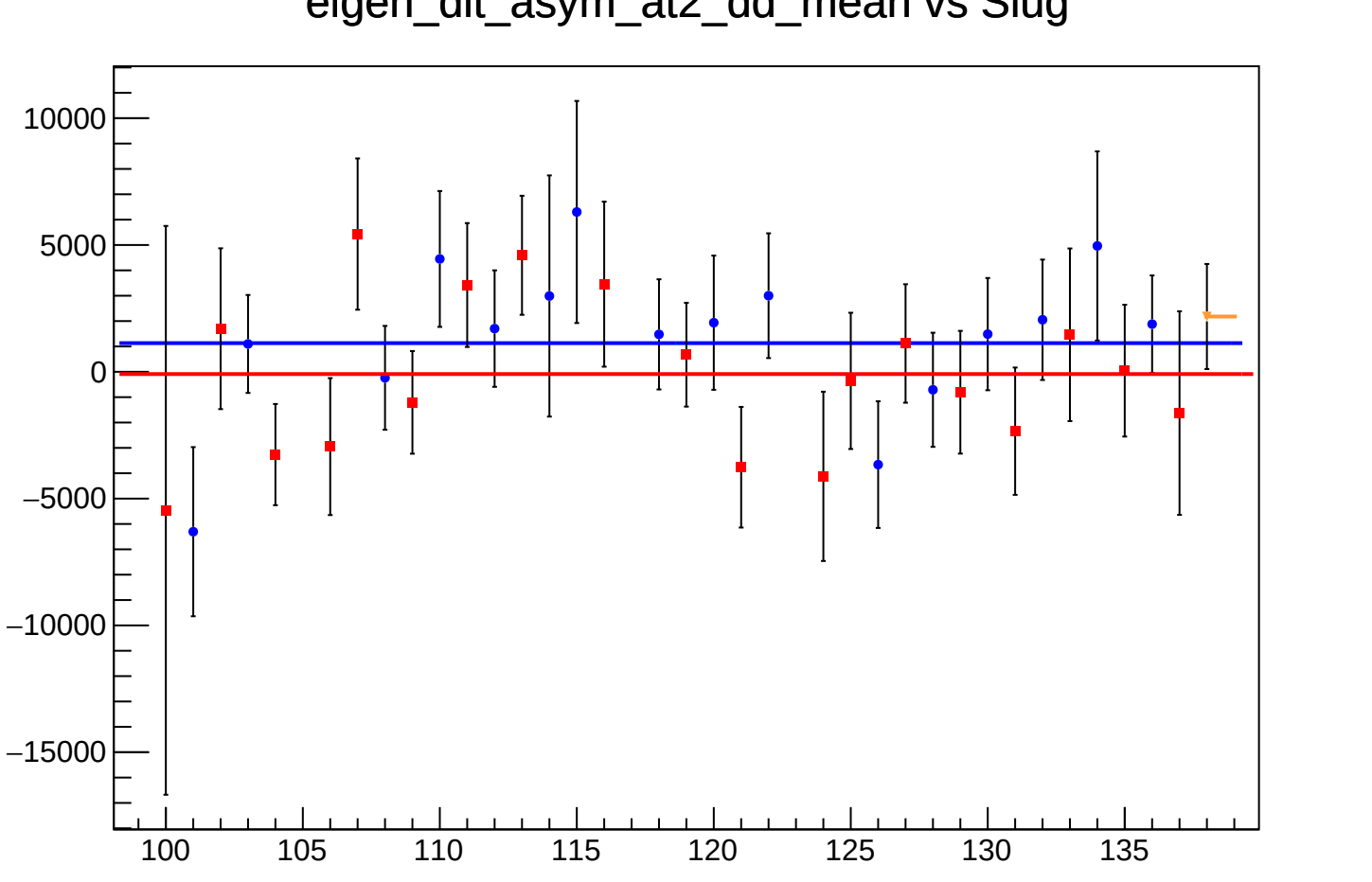
Right Out: 1306.866+/-0.370 χ^2/NDF: 2183906.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1284.648+/-0.349 χ^2/NDF: 2292300.4/16

All: 1295.090+/-0.254 χ^2/NDF: 4478116.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1130.728+/-617.236 χ^2/NDF: 15.0/15

Left Out: 2180.191+/-2071.987 χ^2/NDF:0.0/0

Right Out: -89.225+/-603.072 χ^2/NDF: 20.7/18

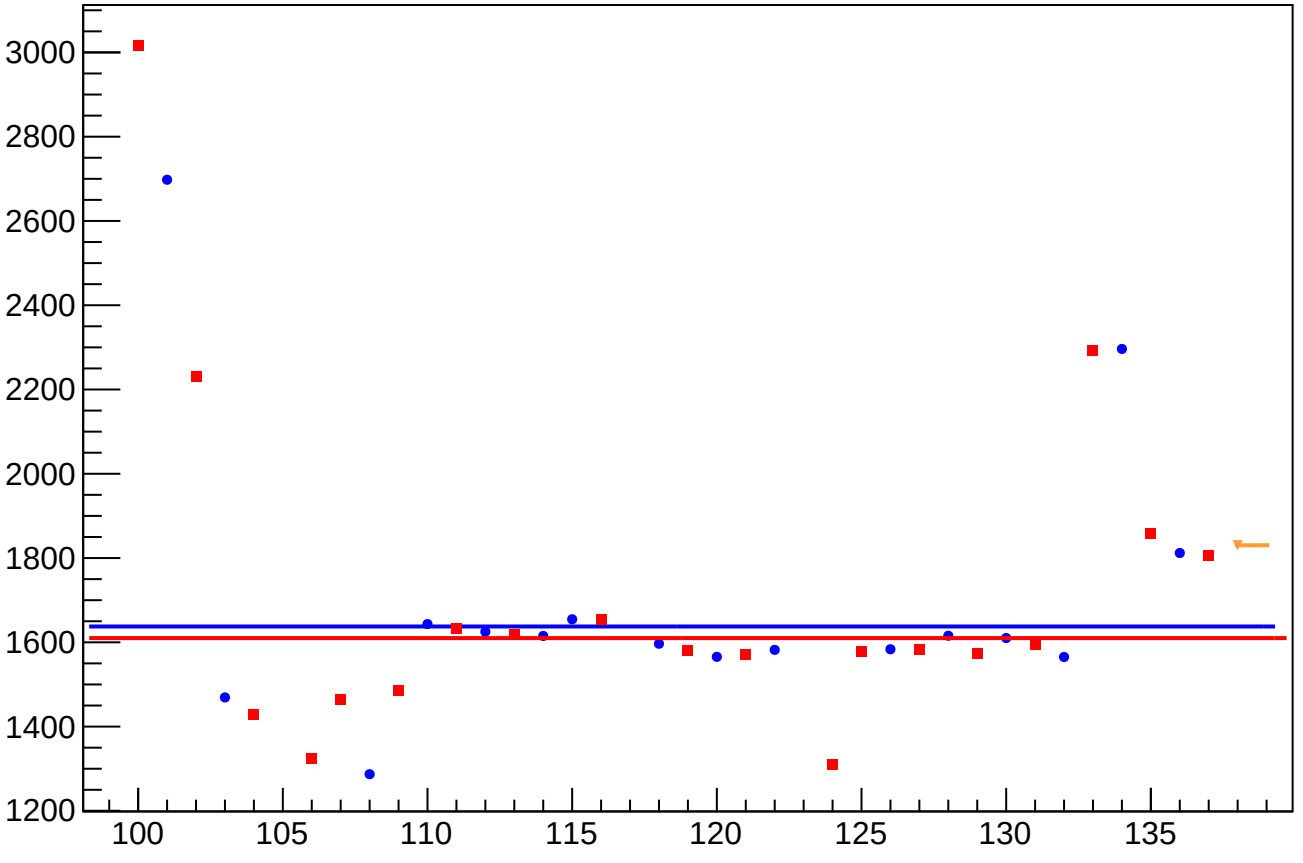
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1216.268+/-591.546 χ^2/NDF: 15.2/16

All: 576.115+/-422.302 χ^2/NDF: 38.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1637.574+/-0.436 χ^2/NDF: 361416.8/15

Left Out: 1830.359+/-1.465 χ^2/NDF:0.0/0

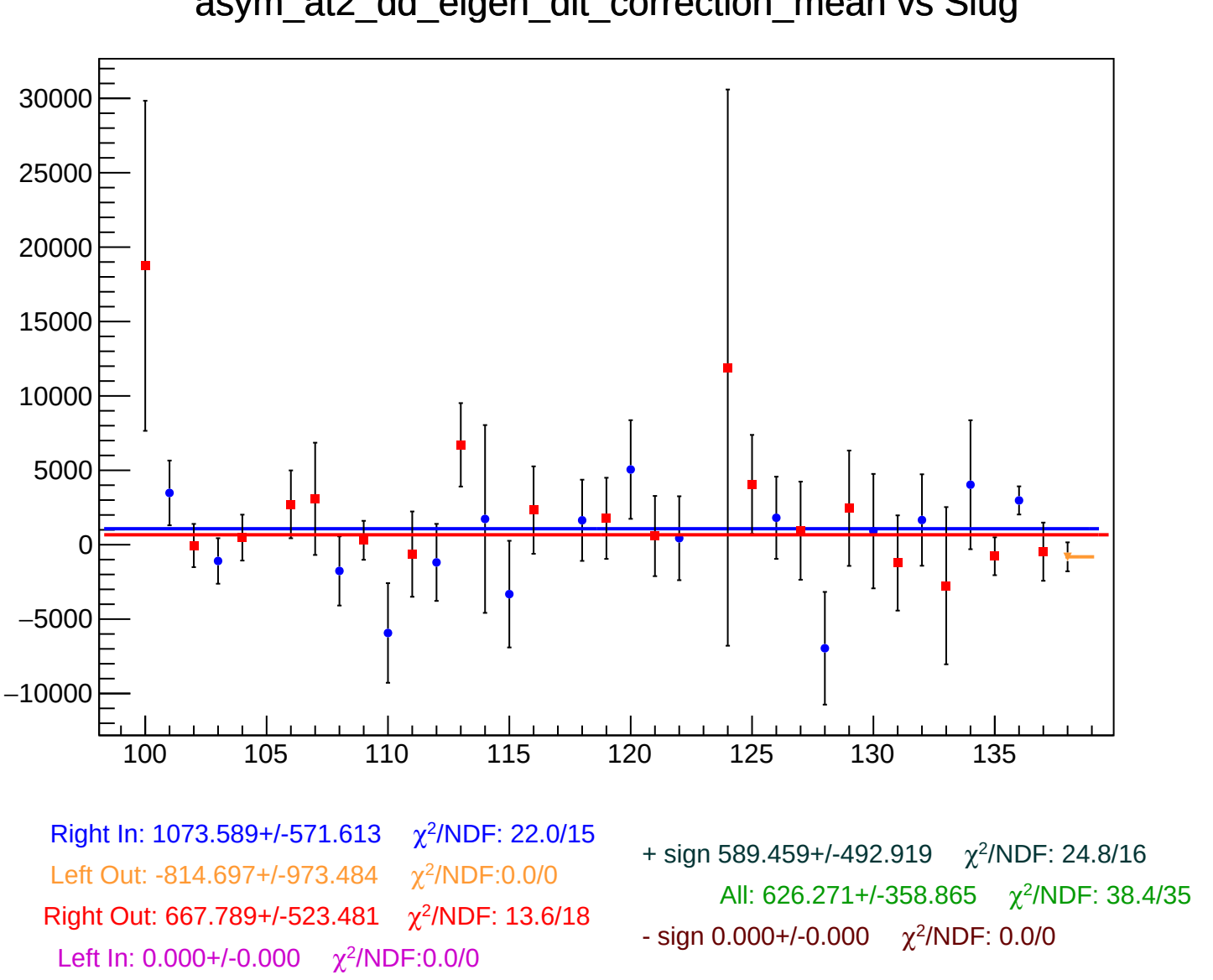
Right Out: 1610.043+/-0.426 χ^2/NDF: 280812.7/18

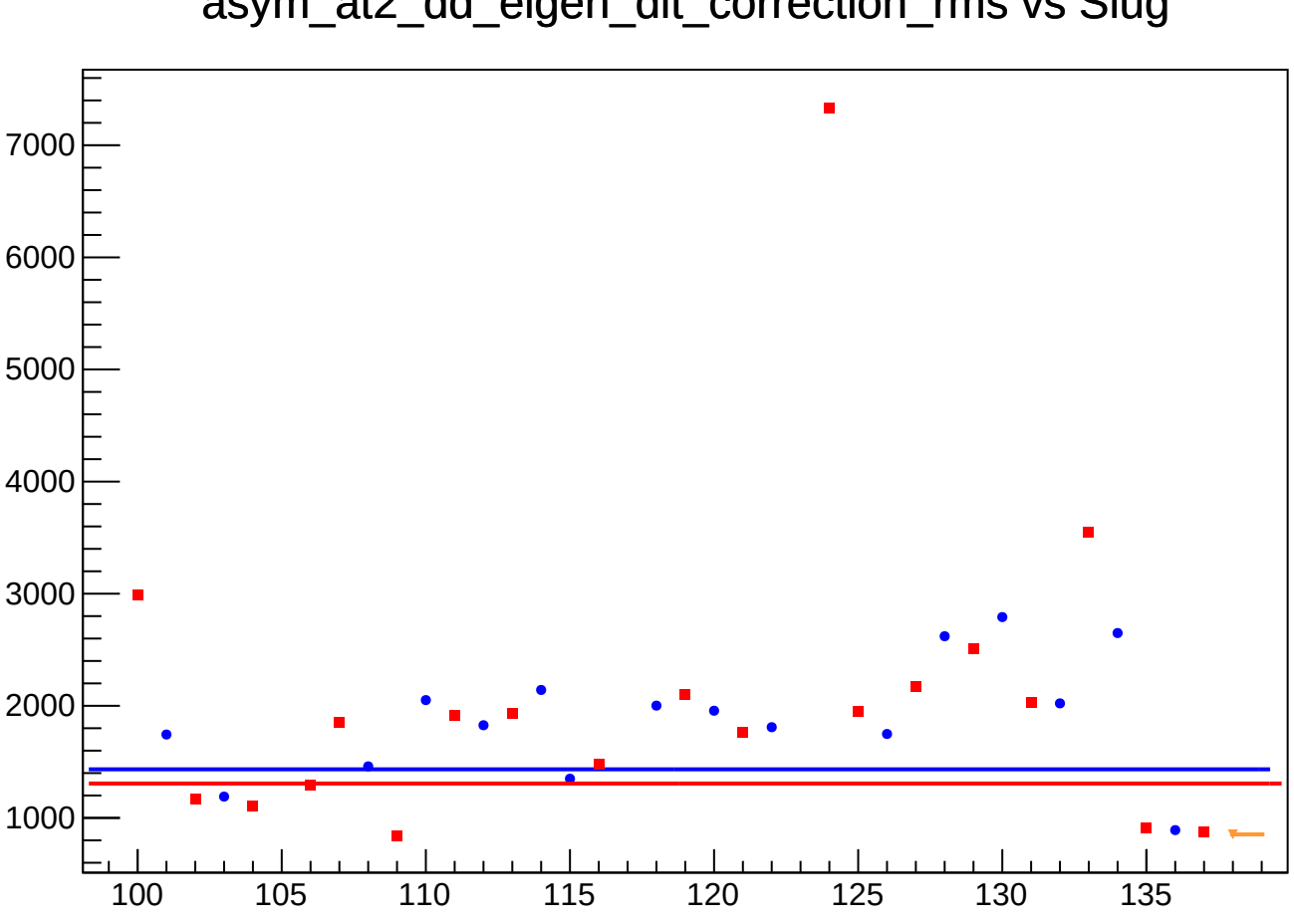
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1653.287+/-0.418 χ^2/NDF: 377319.9/16

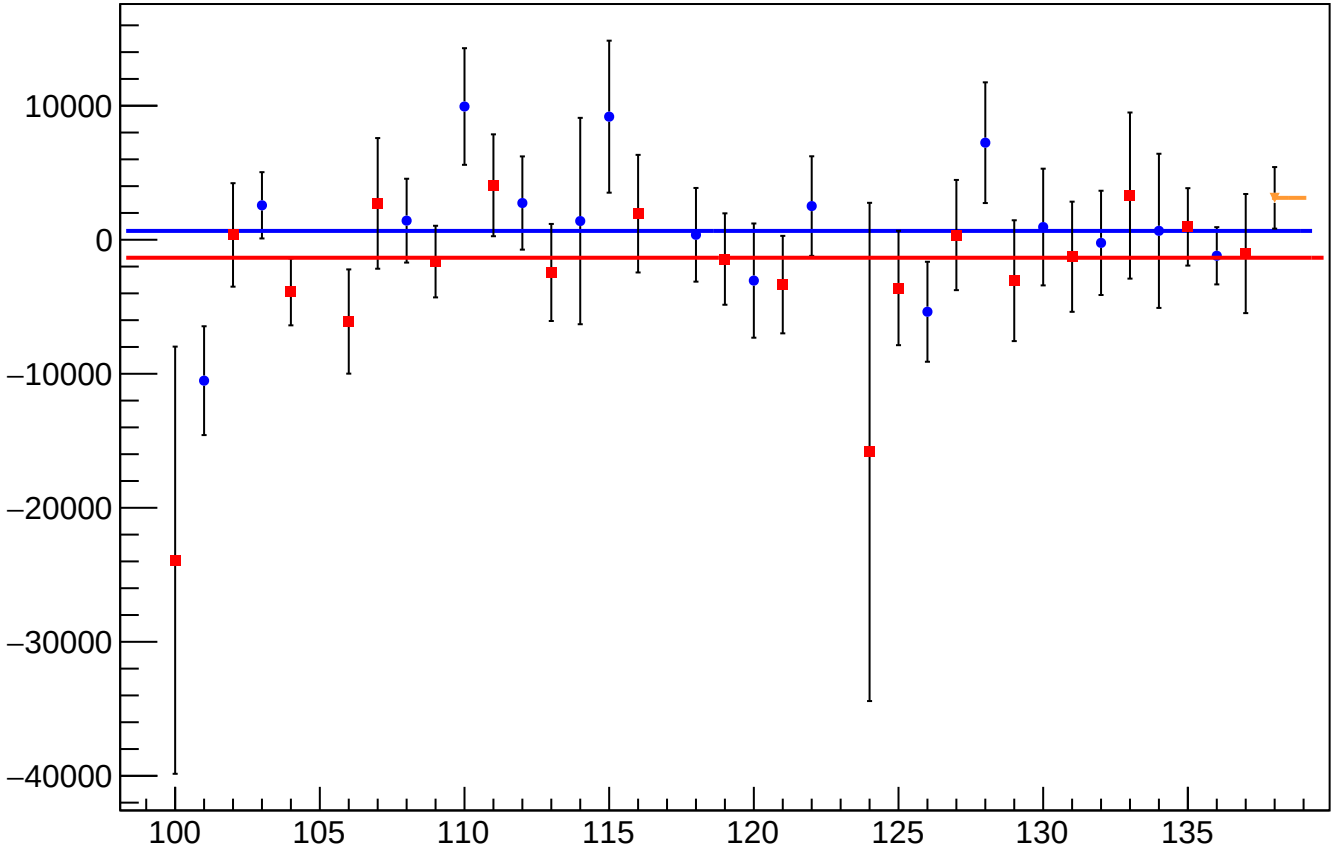
All: 1632.082+/-0.299 χ^2/NDF: 663373.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at2_dd_eigen_dit_correction_mean vs Slug
30000
25000
20000
15000
10000
5000
0
−5000
−10000
100
105
110
115
120
125
130
135
Right In: 1073.589+/-571.613 χ²/NDF: 22.0/15
Left Out: -814.697+/-973.484 χ²/NDF:0.0/0
Right Out: 667.789+/-523.481 χ²/NDF: 13.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 589.459+/-492.919 χ²/NDF: 24.8/16
All: 626.271+/-358.865 χ²/NDF: 38.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_at2_dd_eigen_dit_correction_rms vs Slug
7000
6000
5000
4000
3000
2000
1000
100
105
110
115
120
125
130
135
Right In: 1433.492+/-0.404 χ²/NDF: 1763397.4/15
Left Out: 853.035+/-0.688 χ²/NDF:0.0/0
Right Out: 1306.880+/-0.370 χ²/NDF: 2183835.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 1284.671+/-0.349 χ²/NDF: 2292159.4/16
All: 1295.108+/-0.254 χ²/NDF: 4477902.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_at2_dd_mean vs Slug



Right In: 659.458+/-909.570 χ^2/NDF: 22.0/15

Left Out: 3126.418+/-2297.648 χ^2/NDF:0.0/0

Right Out: -1341.998+/-890.576 χ^2/NDF: 10.8/18

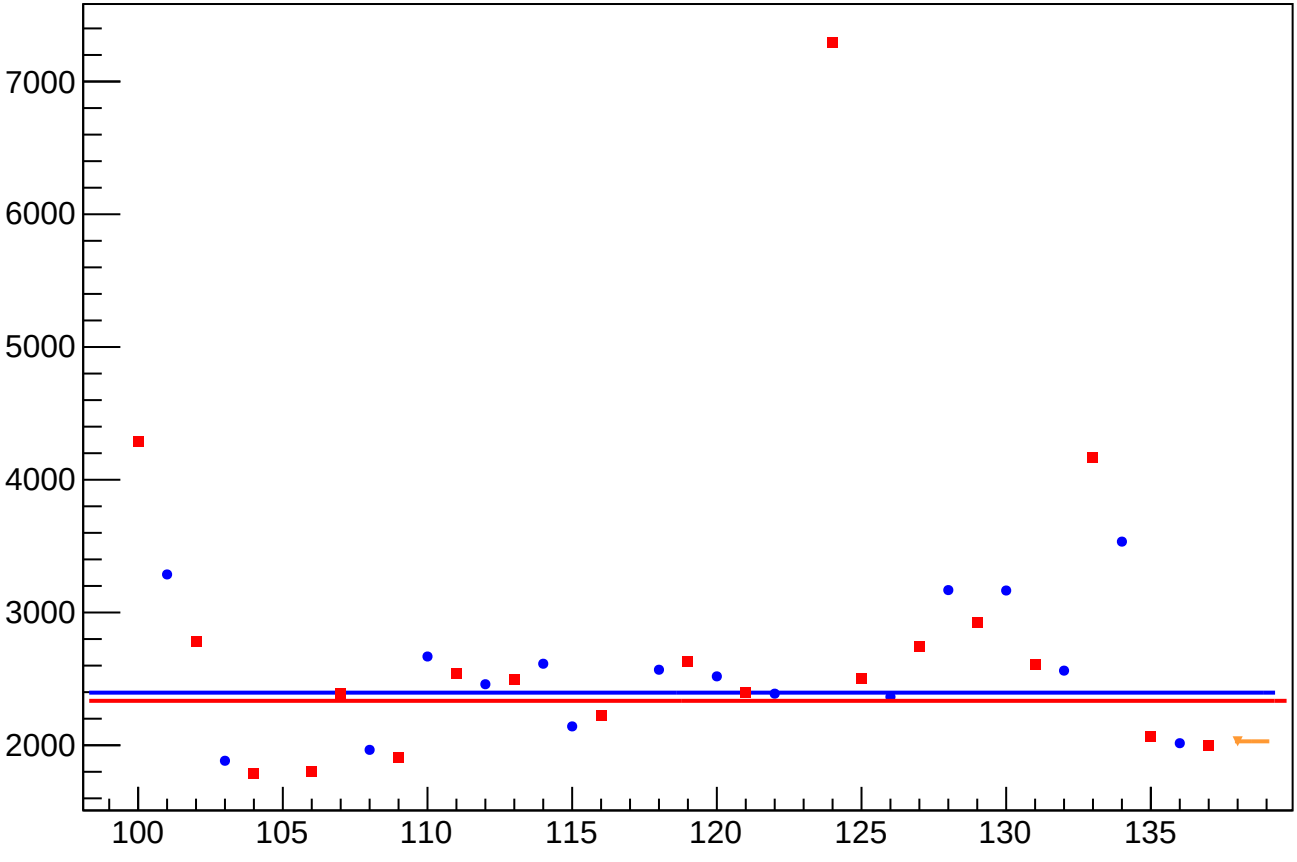
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 993.685+/-845.714 χ^2/NDF: 23.0/16

All: -113.847+/-613.256 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2396.276+/-0.643 χ^2/NDF: 507897.2/15

Left Out: 2029.448+/-1.625 χ^2/NDF:0.0/0

Right Out: 2334.592+/-0.630 χ^2/NDF: 681568.6/18

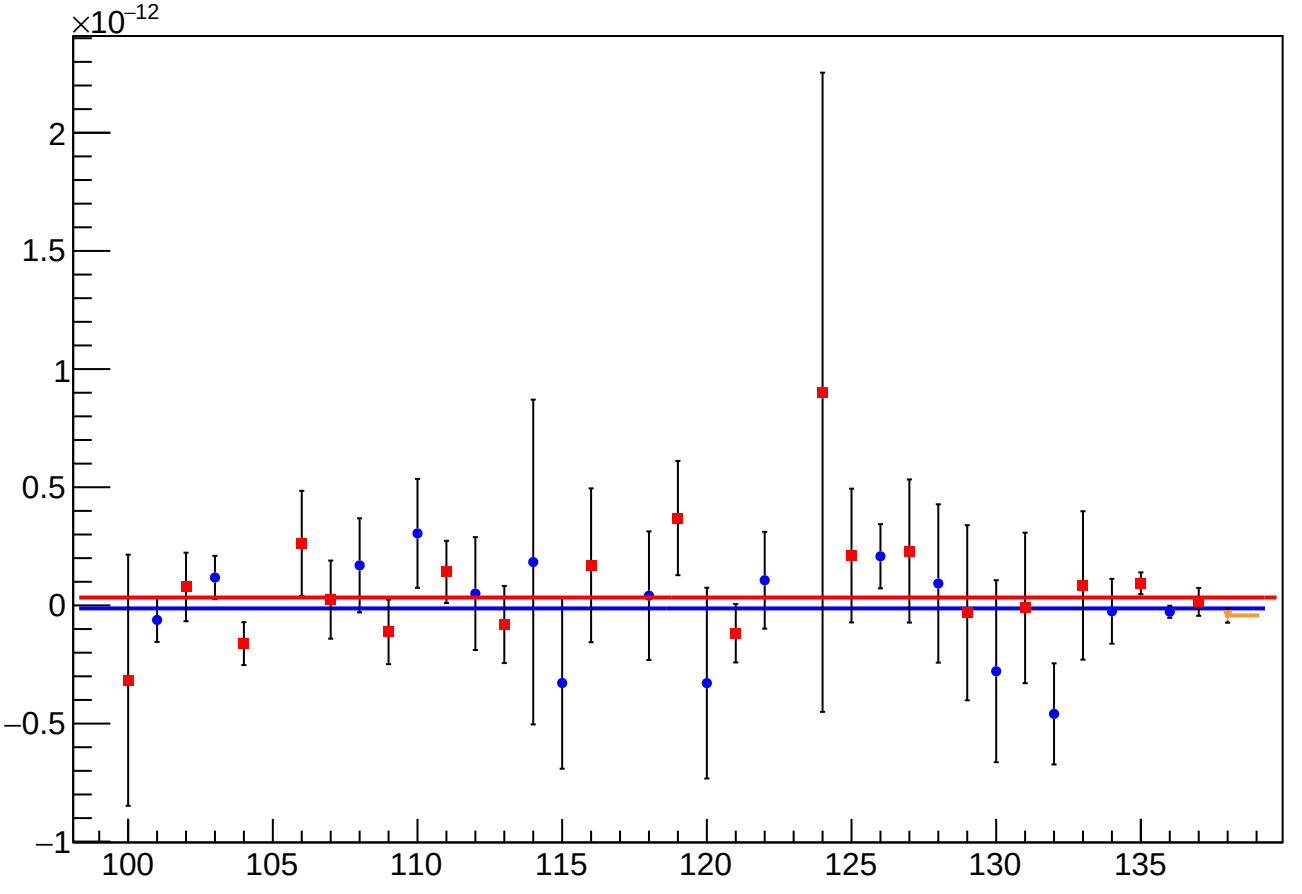
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2346.578+/-0.598 χ^2/NDF: 551969.2/16

All: 2340.894+/-0.434 χ^2/NDF: 1233728.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 14.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

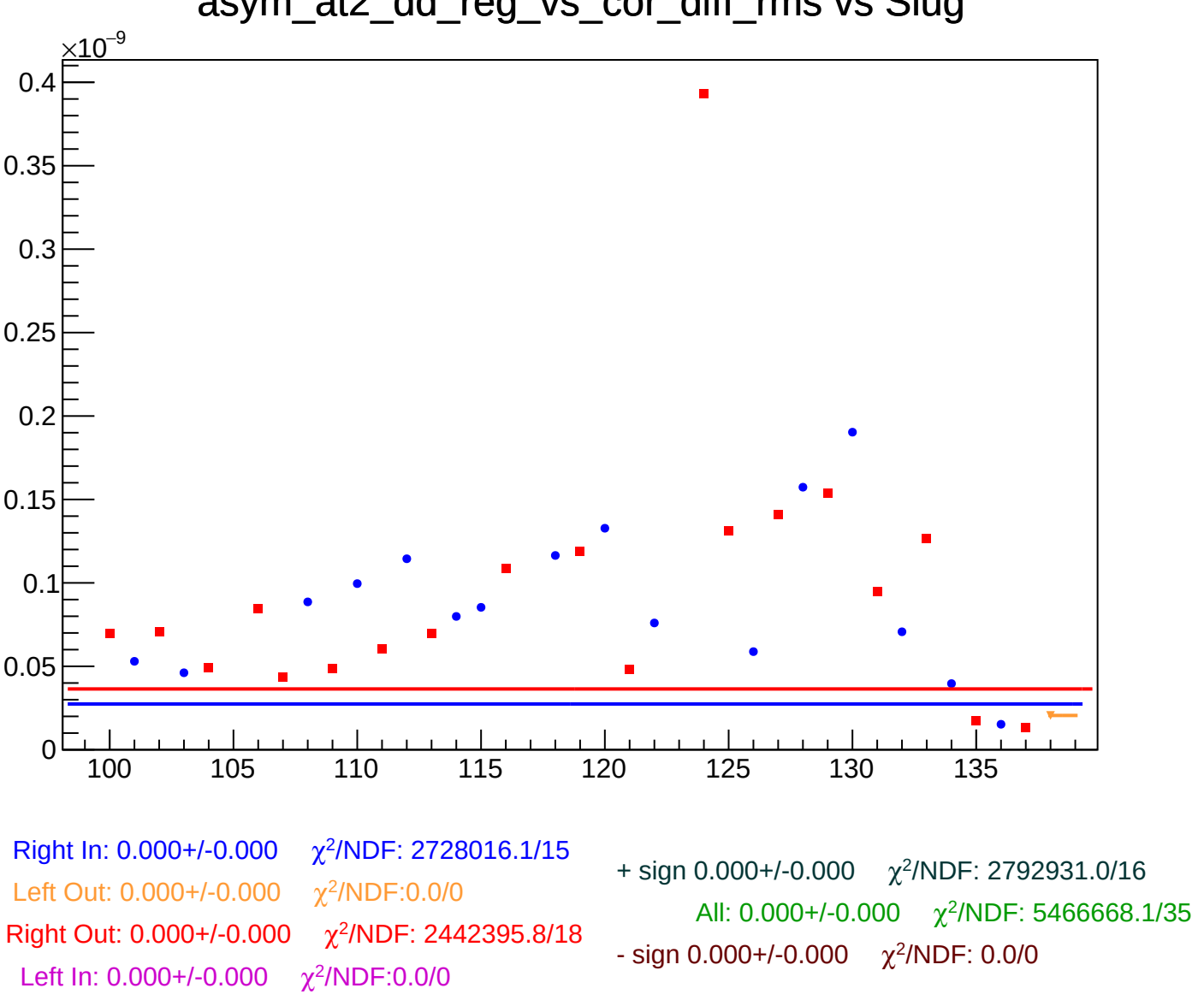
Right Out: 0.000+/-0.000 χ^2/NDF: 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

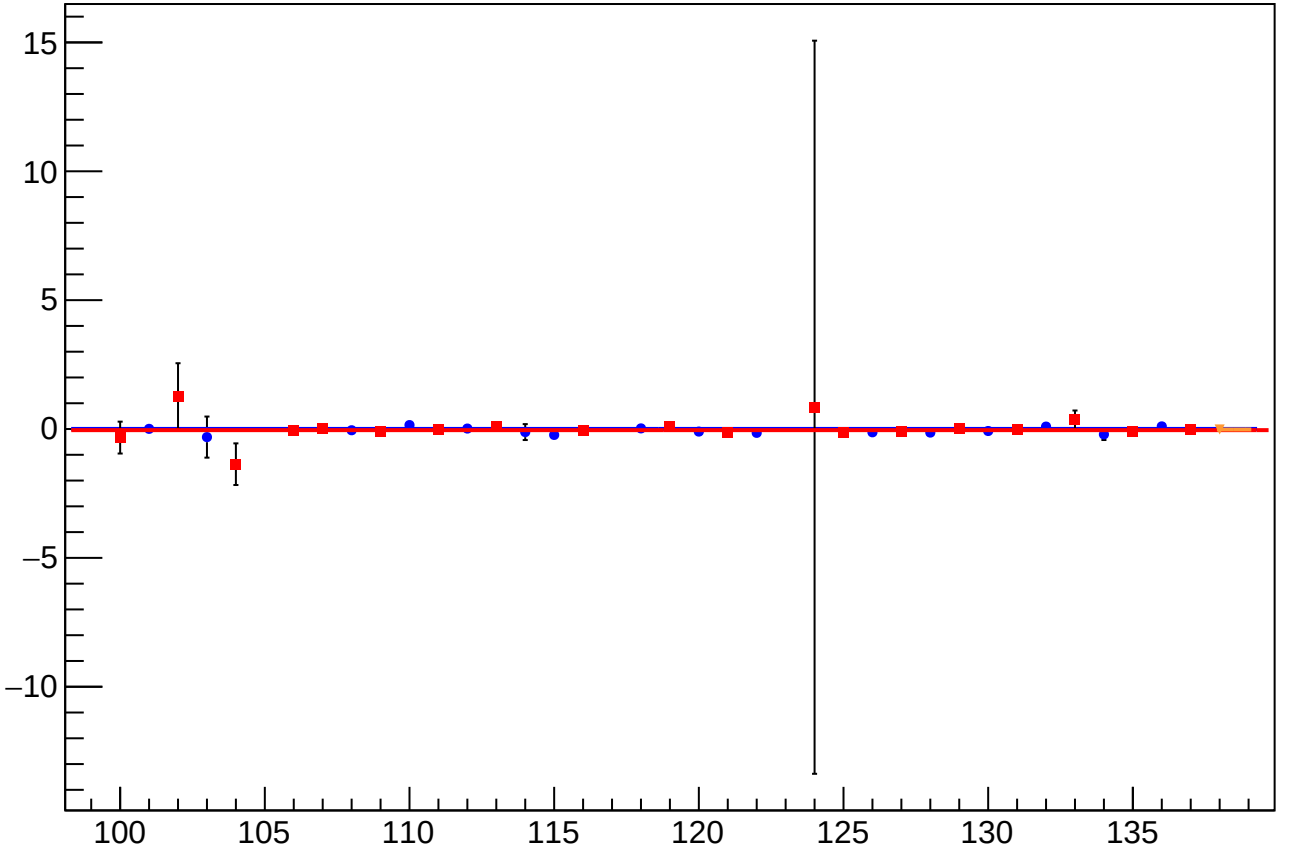
+ sign -0.000+/-0.000 χ^2/NDF: 15.4/16

All: -0.000+/-0.000 χ^2/NDF: 33.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_at2_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2728016.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2442395.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2792931.0/16
All: 0.000+/-0.000 χ²/NDF: 5466668.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.027 χ^2/NDF: 13.3/15

Left Out: -0.017+/-0.044 χ^2/NDF:0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF: 12.7/18

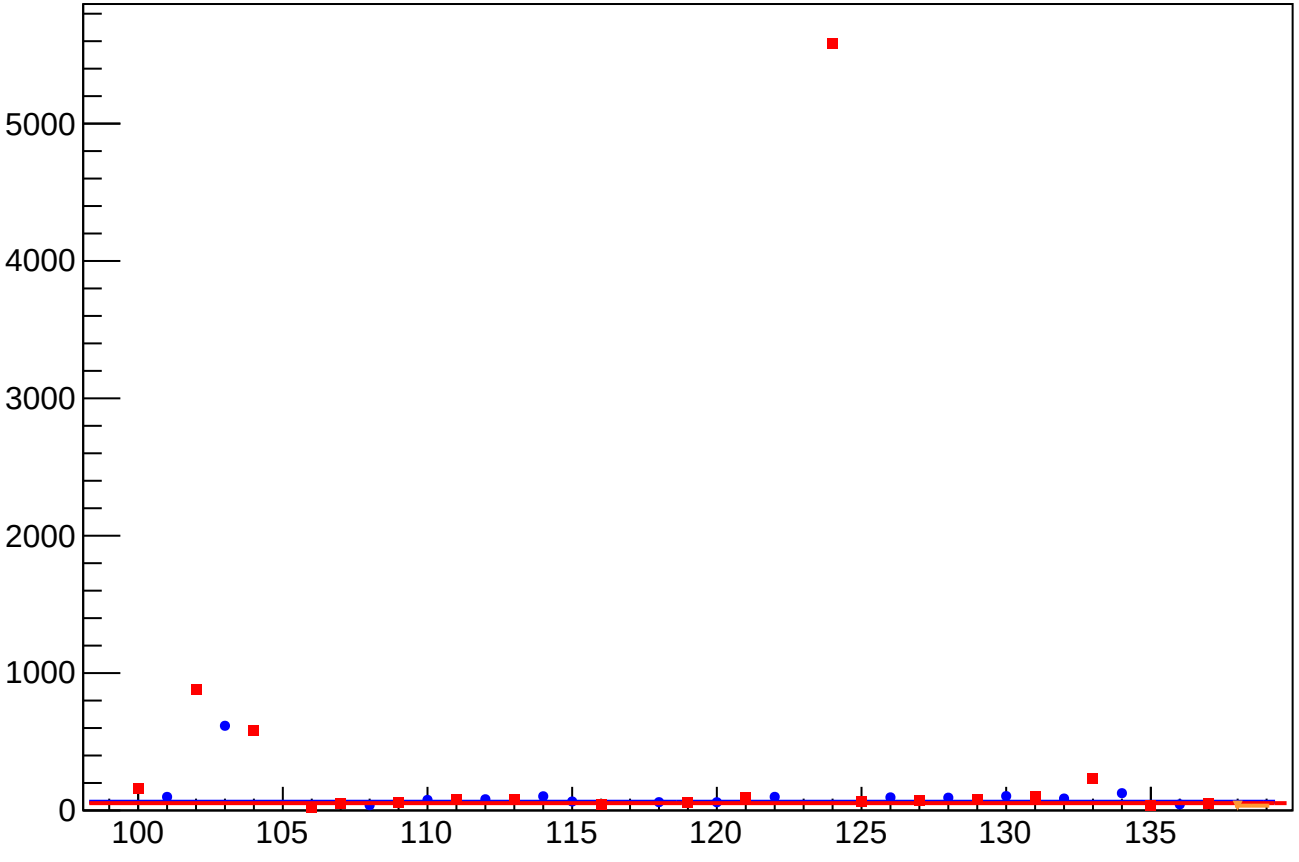
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.002+/-0.023 χ^2/NDF: 13.4/16

All: -0.022+/-0.017 χ^2/NDF: 27.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 63.454+/-0.019 χ^2/NDF: 2445255.1/15

Left Out: 34.977+/-0.031 χ^2/NDF:0.0/0

Right Out: 53.206+/-0.018 χ^2/NDF: 3945779.6/18

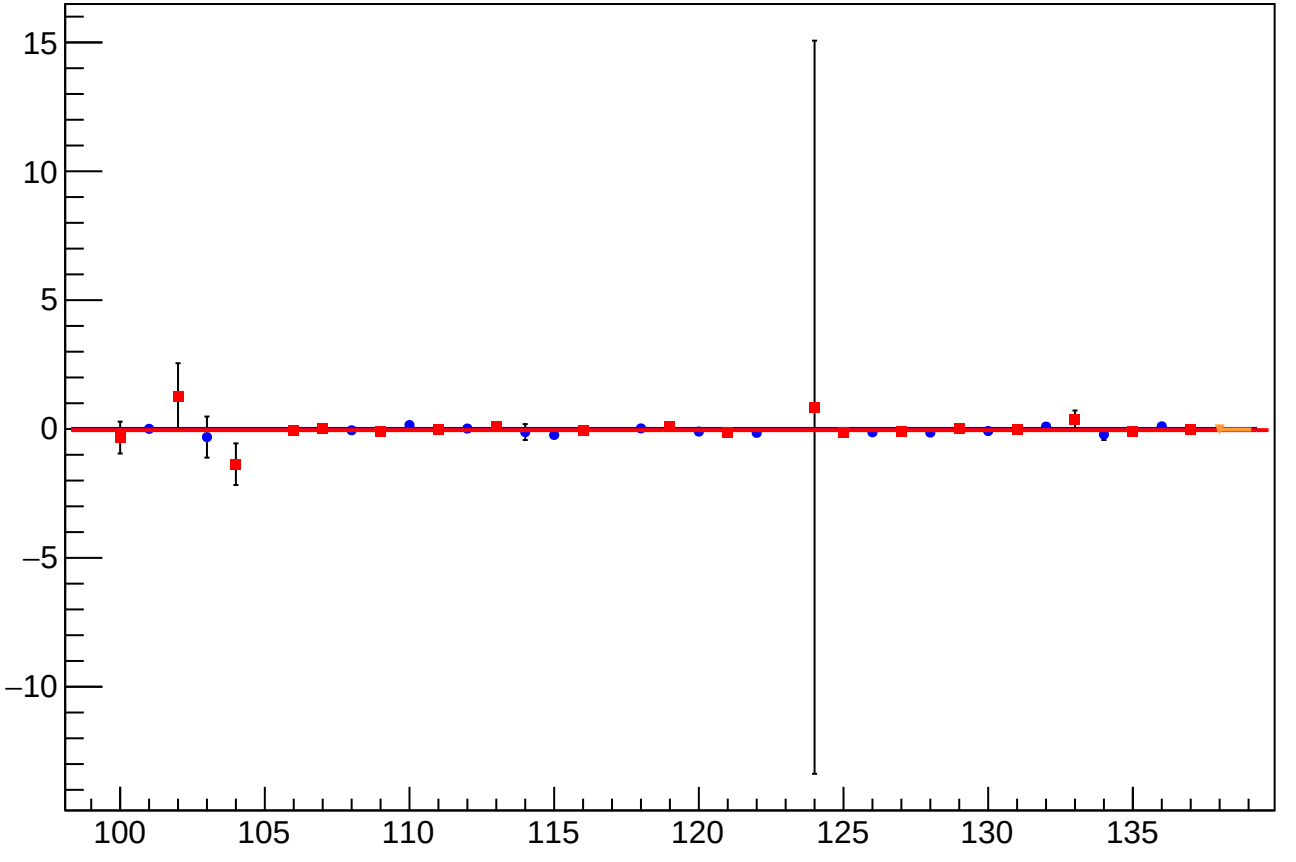
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 55.582+/-0.016 χ^2/NDF: 3050693.3/16

All: 54.477+/-0.012 χ^2/NDF: 7006260.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003+/-0.027 χ^2/NDF: 13.3/15

Left Out: -0.017+/-0.044 χ^2/NDF:0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF: 12.7/18

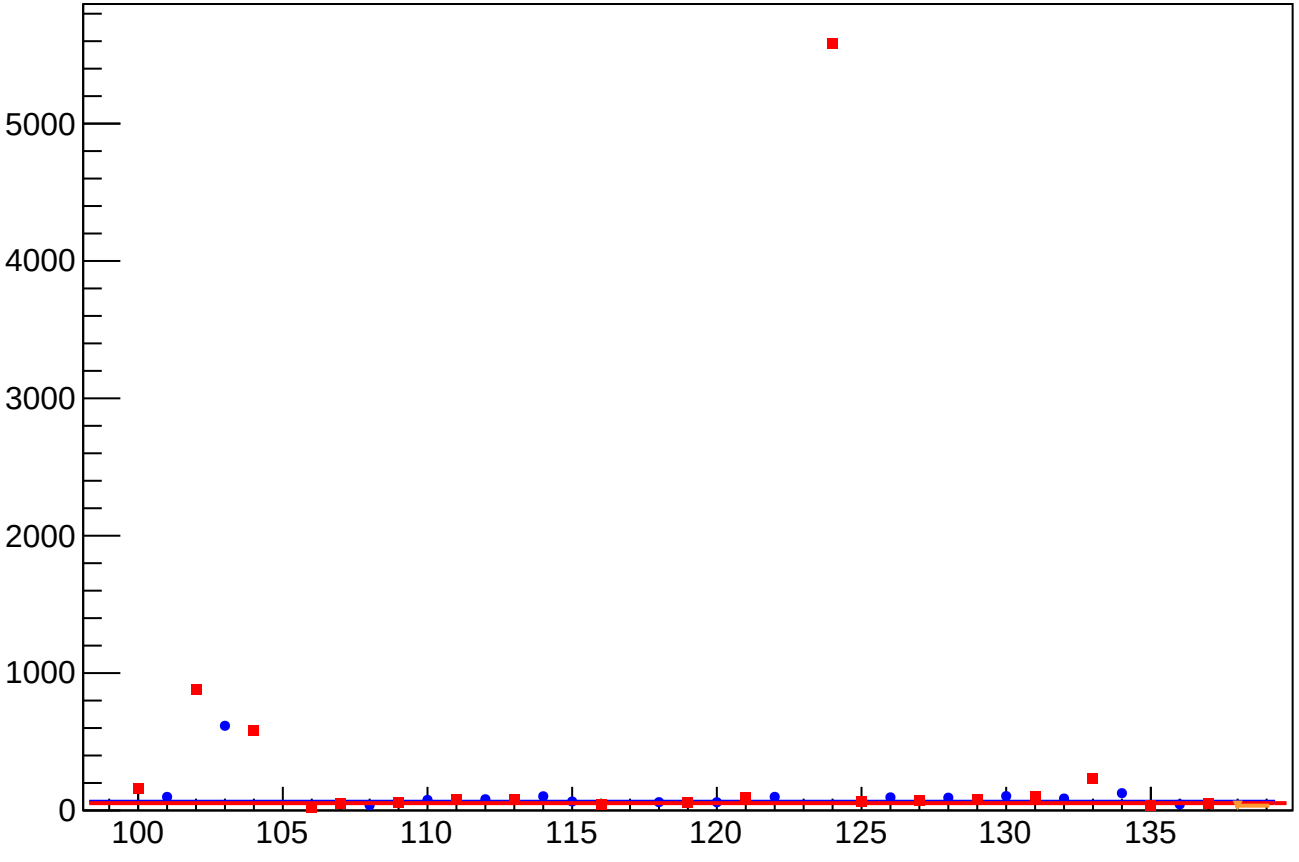
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.002+/-0.023 χ^2/NDF: 13.4/16

All: -0.022+/-0.017 χ^2/NDF: 27.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.454+/-0.019 χ^2/NDF: 2445255.1/15

Left Out: 34.977+/-0.031 χ^2/NDF:0.0/0

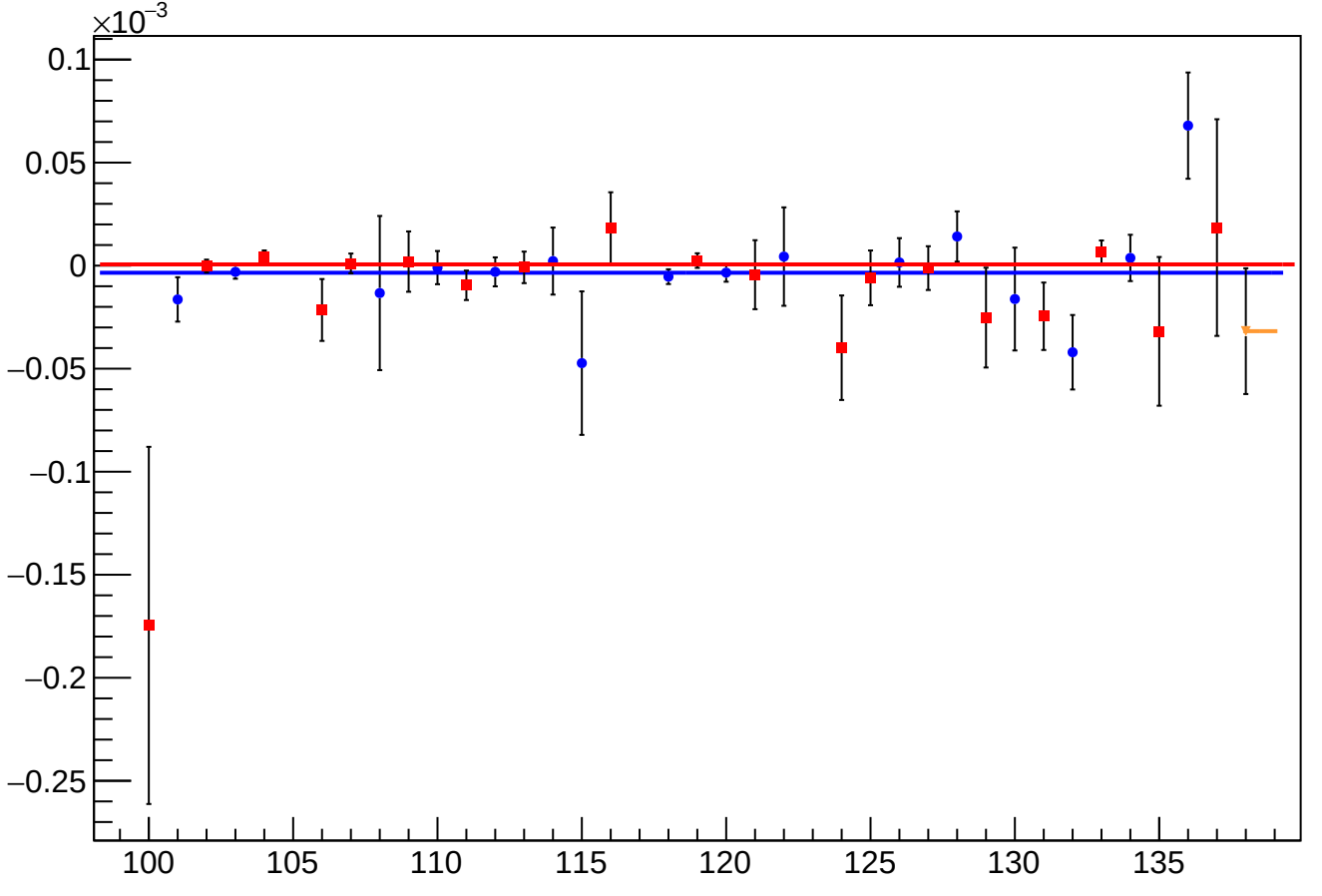
Right Out: 53.206+/-0.018 χ^2/NDF: 3945779.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 55.582+/-0.016 χ^2/NDF: 3050693.3/16

All: 54.477+/-0.012 χ^2/NDF: 7006260.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 18.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 19.2/18

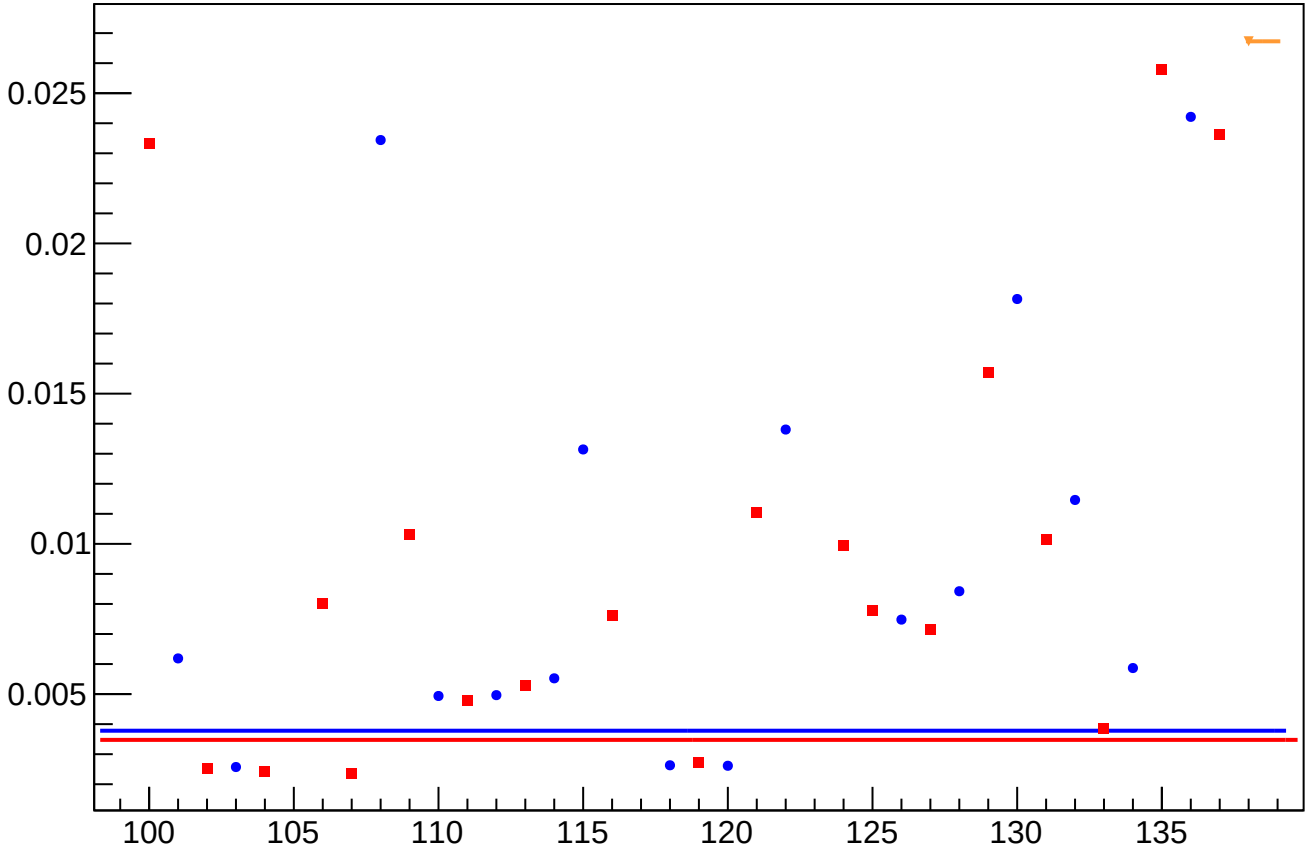
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 19.7/16

All: -0.000+/-0.000 χ^2/NDF: 41.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 4719536.5/15

Left Out: 0.027+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF: 4495340.7/18

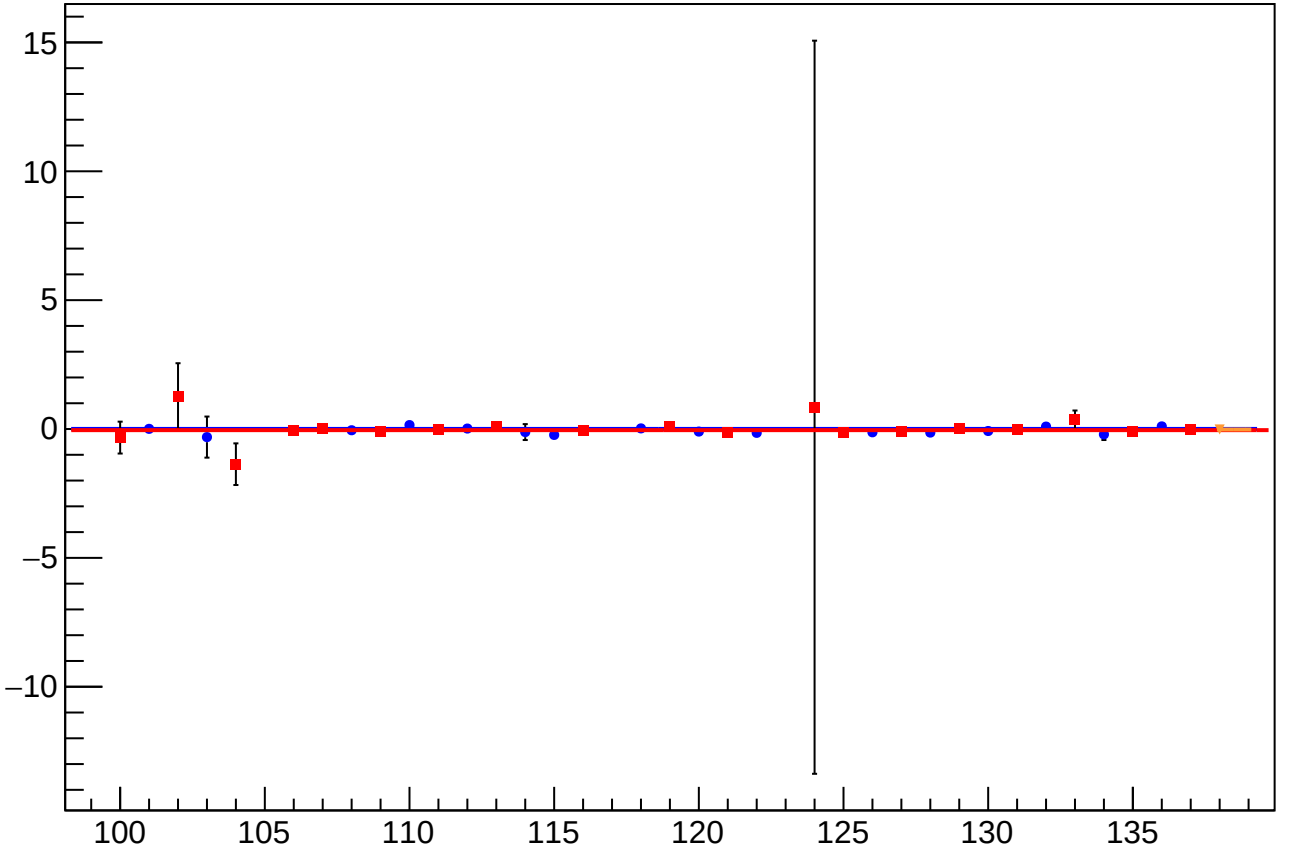
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 5846453.4/16

All: 0.004+/-0.000 χ^2/NDF: 10394277.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.027 χ^2/NDF: 13.3/15

Left Out: -0.017+/-0.044 χ^2/NDF:0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF: 12.7/18

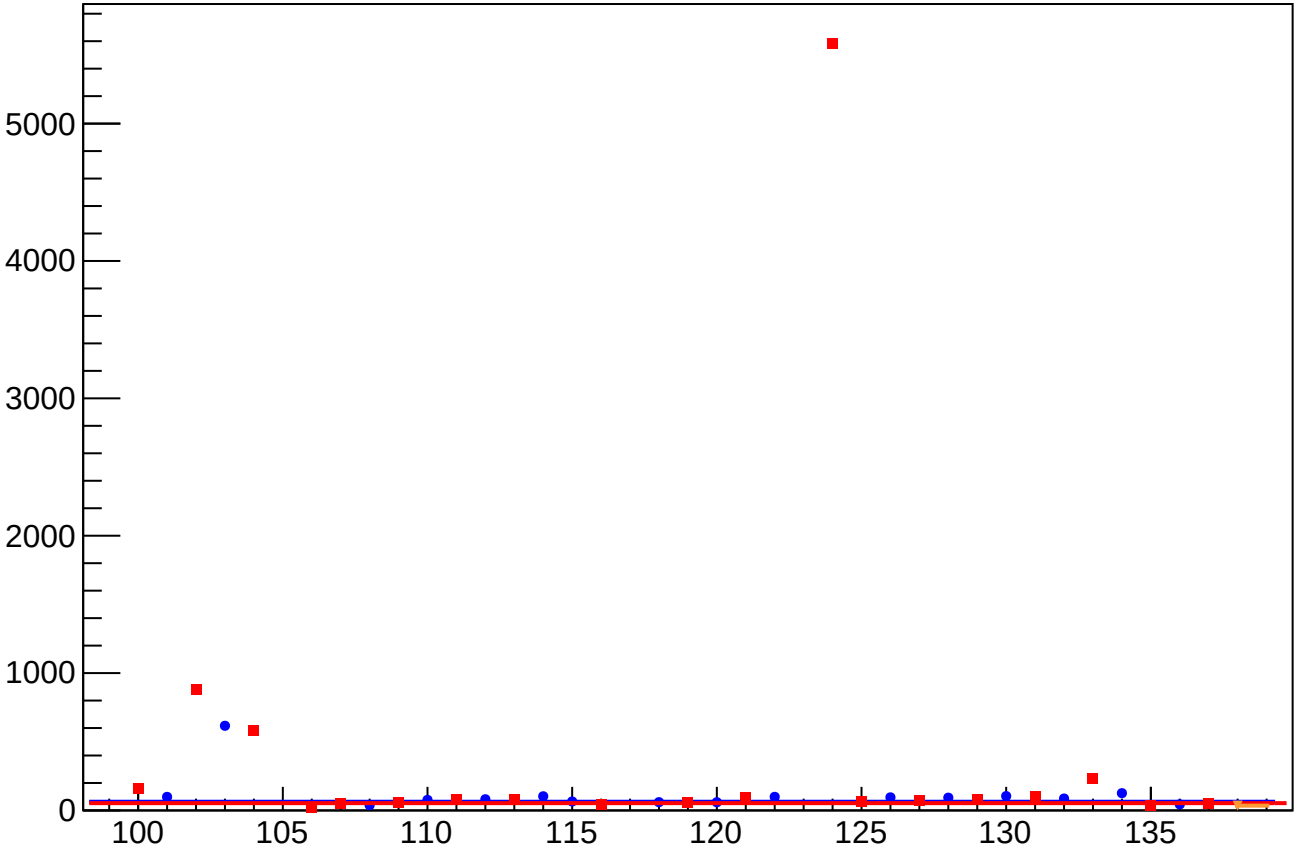
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.002+/-0.023 χ^2/NDF: 13.4/16

All: -0.022+/-0.017 χ^2/NDF: 27.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 63.463+/-0.019 χ^2/NDF: 2444357.3/15

Left Out: 34.978+/-0.031 χ^2/NDF:0.0/0

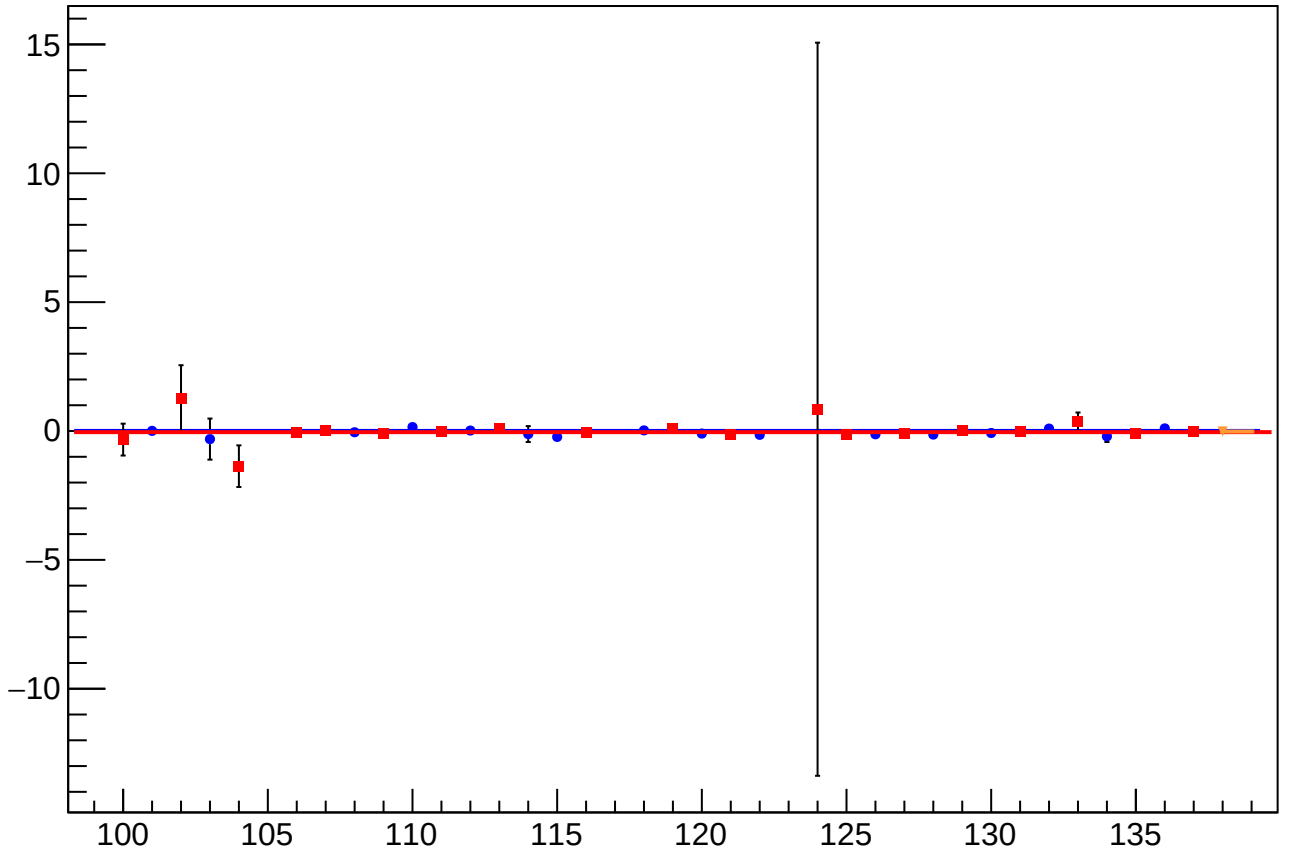
Right Out: 53.201+/-0.018 χ^2/NDF: 3946328.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 55.587+/-0.016 χ^2/NDF: 3050106.7/16

All: 54.478+/-0.012 χ^2/NDF: 7006313.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.027 χ^2/NDF: 13.3/15

Left Out: -0.017+/-0.044 χ^2/NDF:0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF: 12.7/18

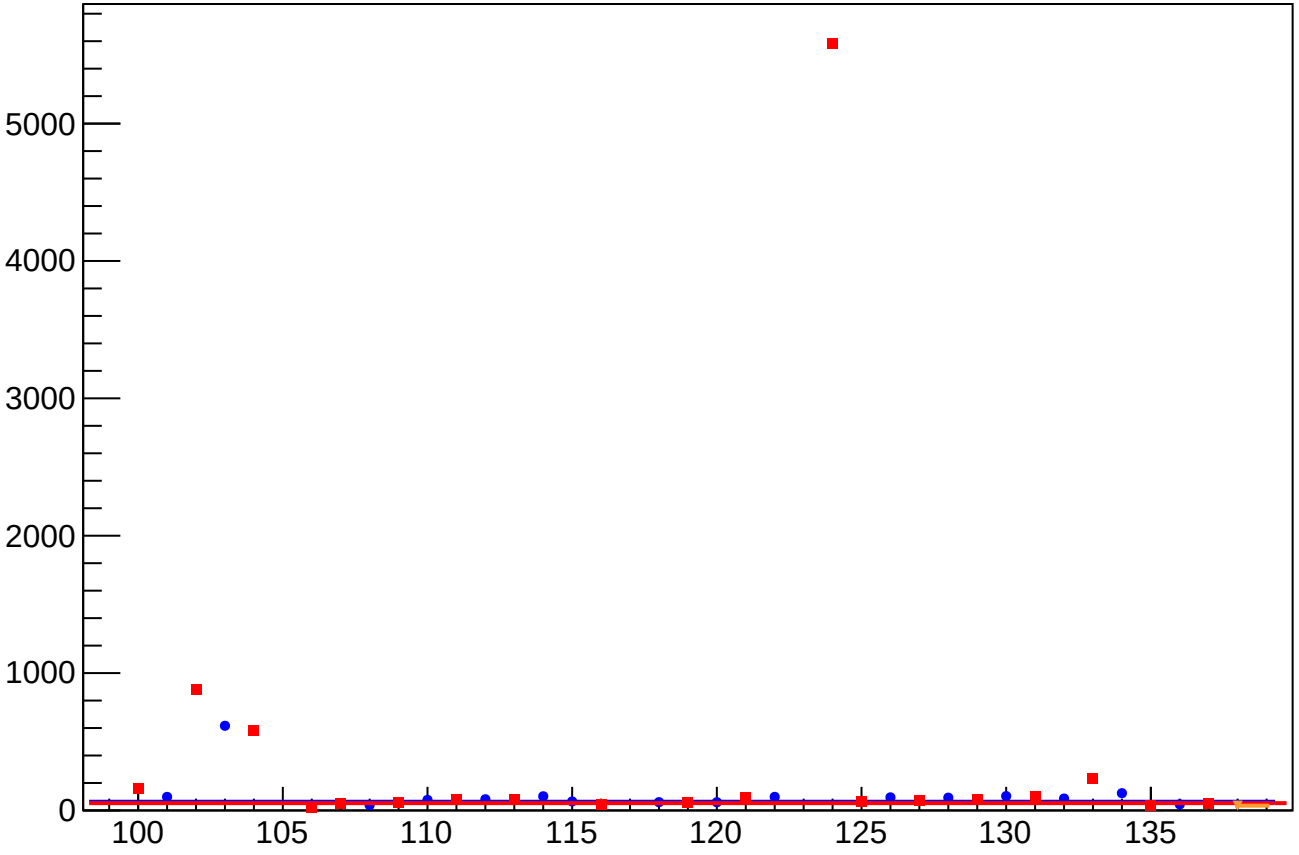
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.002+/-0.023 χ^2/NDF: 13.4/16

All: -0.022+/-0.017 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.463+/-0.019 χ^2/NDF: 2444357.3/15

Left Out: 34.978+/-0.031 χ^2/NDF:0.0/0

Right Out: 53.201+/-0.018 χ^2/NDF: 3946328.9/18

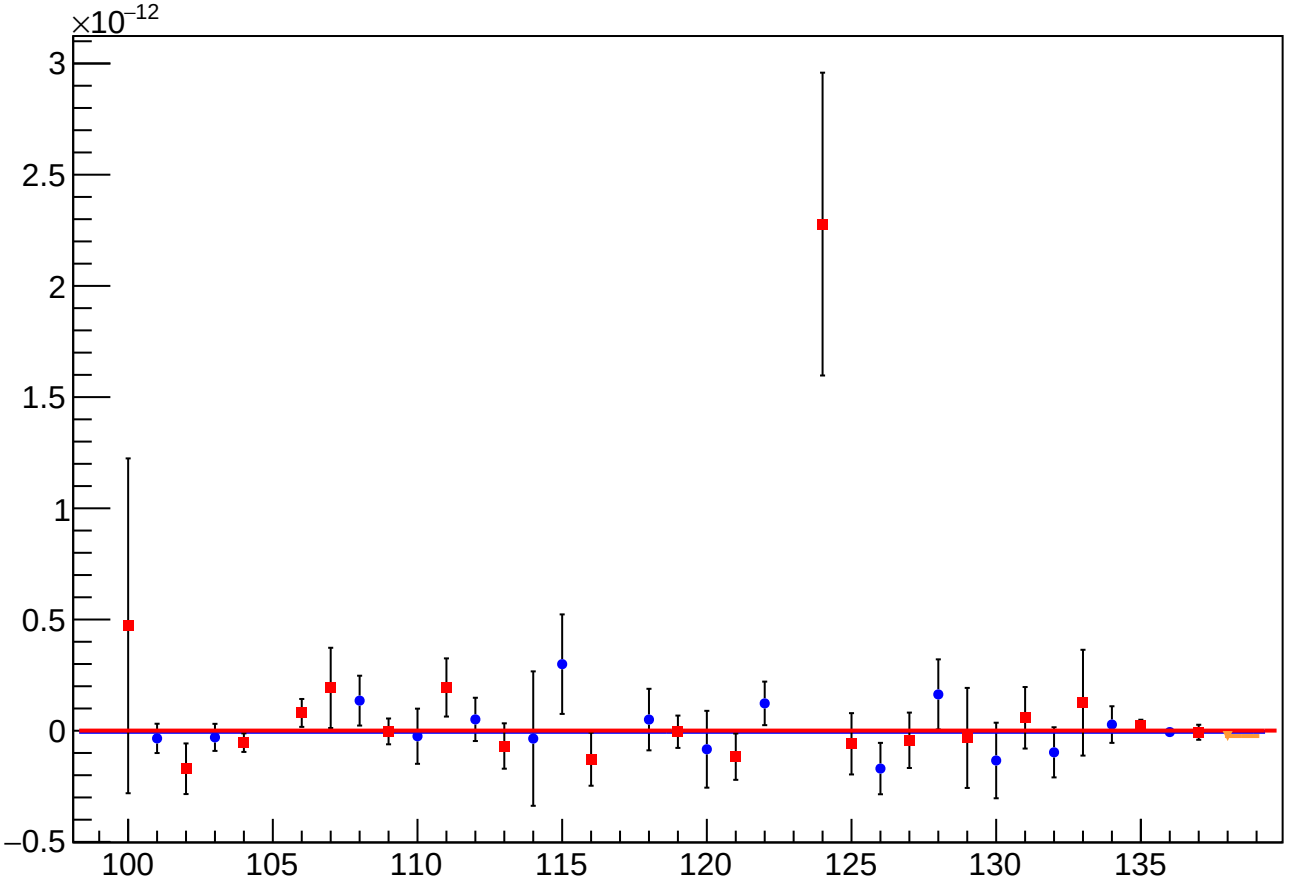
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 55.587+/-0.016 χ^2/NDF: 3050106.7/16

All: 54.478+/-0.012 χ^2/NDF: 7006313.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 10.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 25.1/18

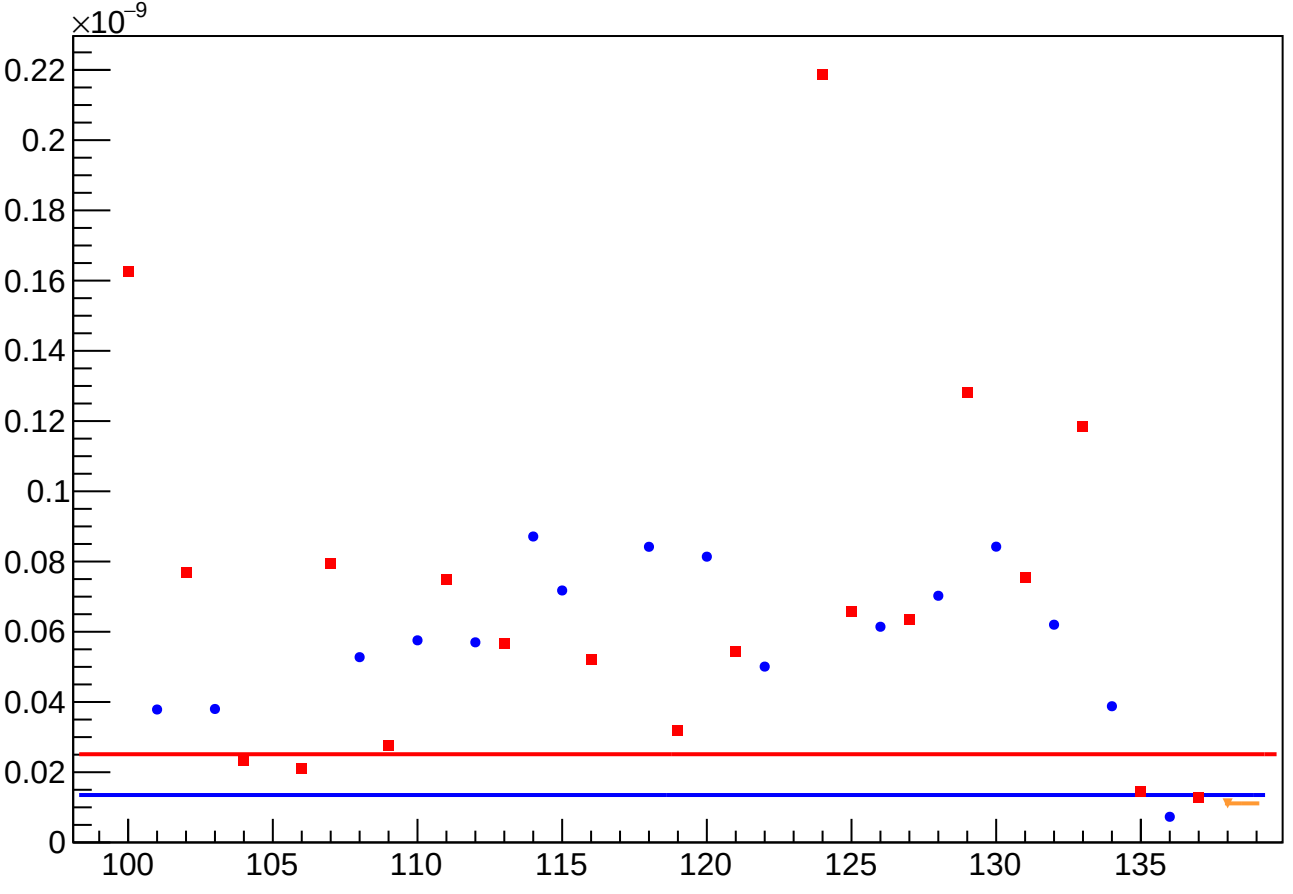
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 11.8/16

All: -0.000+/-0.000 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4993378.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3578472.9/18

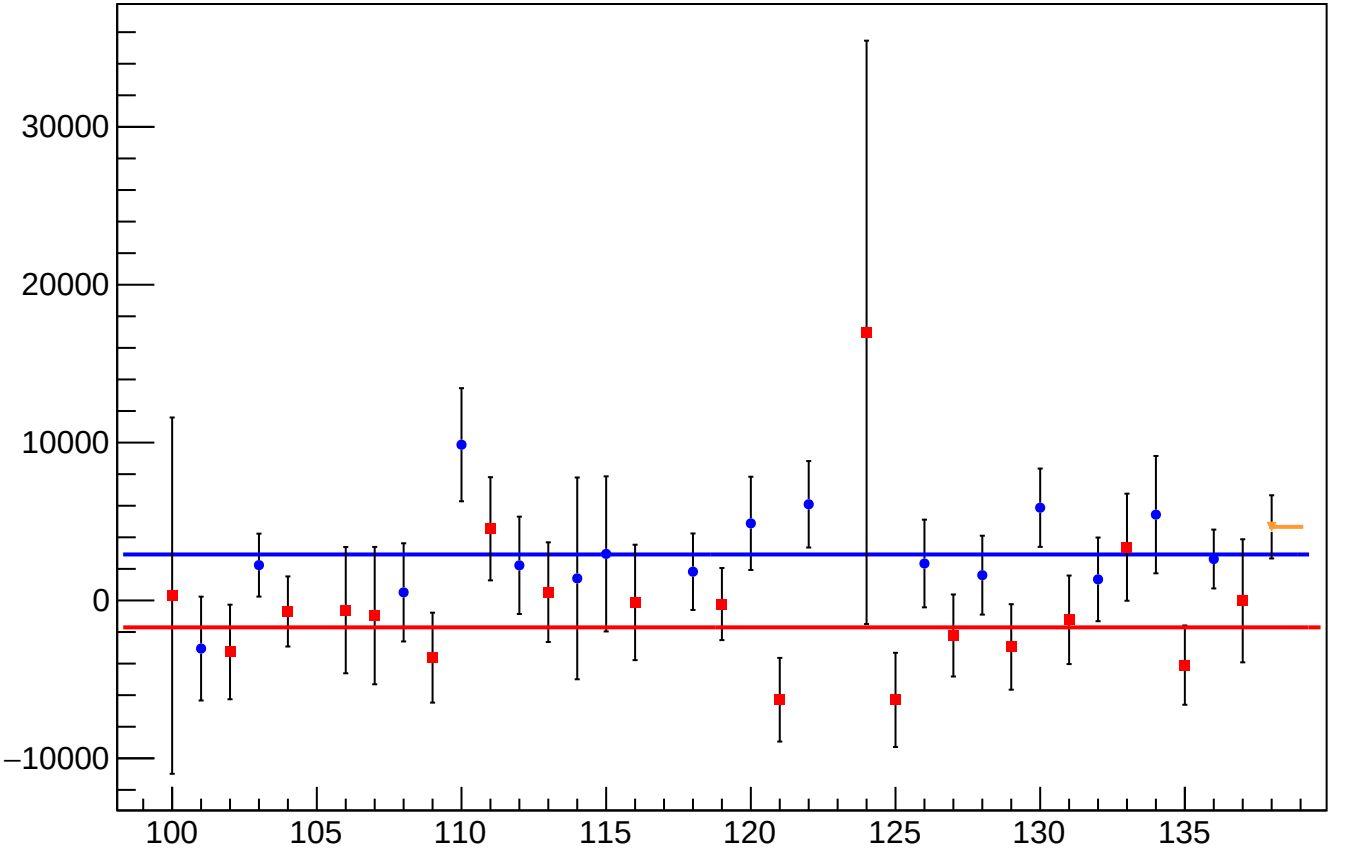
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 5025091.5/16

All: 0.000+/-0.000 χ^2/NDF: 9612112.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2912.991+/-695.062 χ^2/NDF: 12.4/15

Left Out: 4662.069+/-2001.583 χ^2/NDF:0.0/0

Right Out: -1704.904+/-706.846 χ^2/NDF: 15.8/18

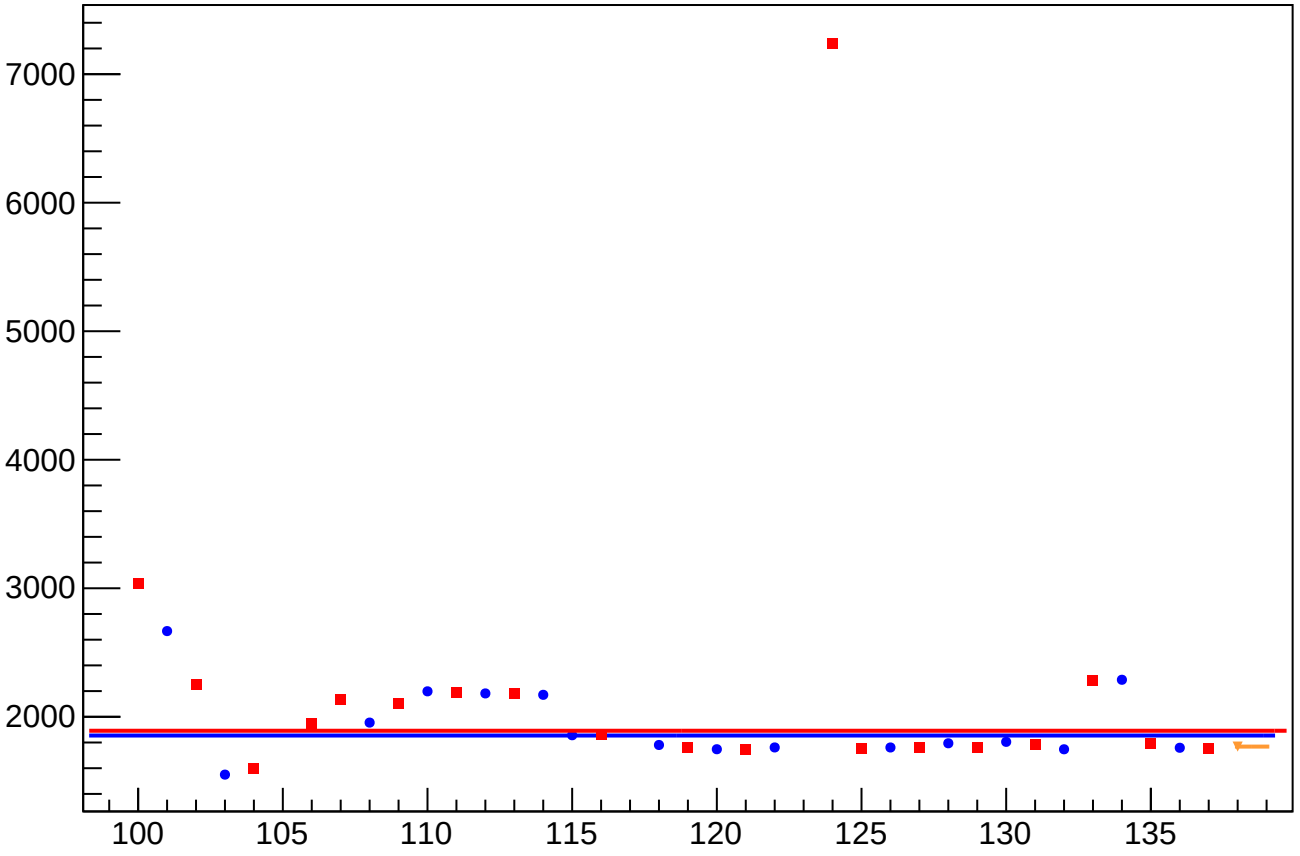
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3101.210+/-656.600 χ^2/NDF: 13.1/16

All: 875.030+/-481.070 χ^2/NDF: 53.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1854.314+/-0.491 χ^2/NDF: 263322.7/15

Left Out: 1768.198+/-1.415 χ^2/NDF:0.0/0

Right Out: 1891.469+/-0.499 χ^2/NDF: 364050.6/18

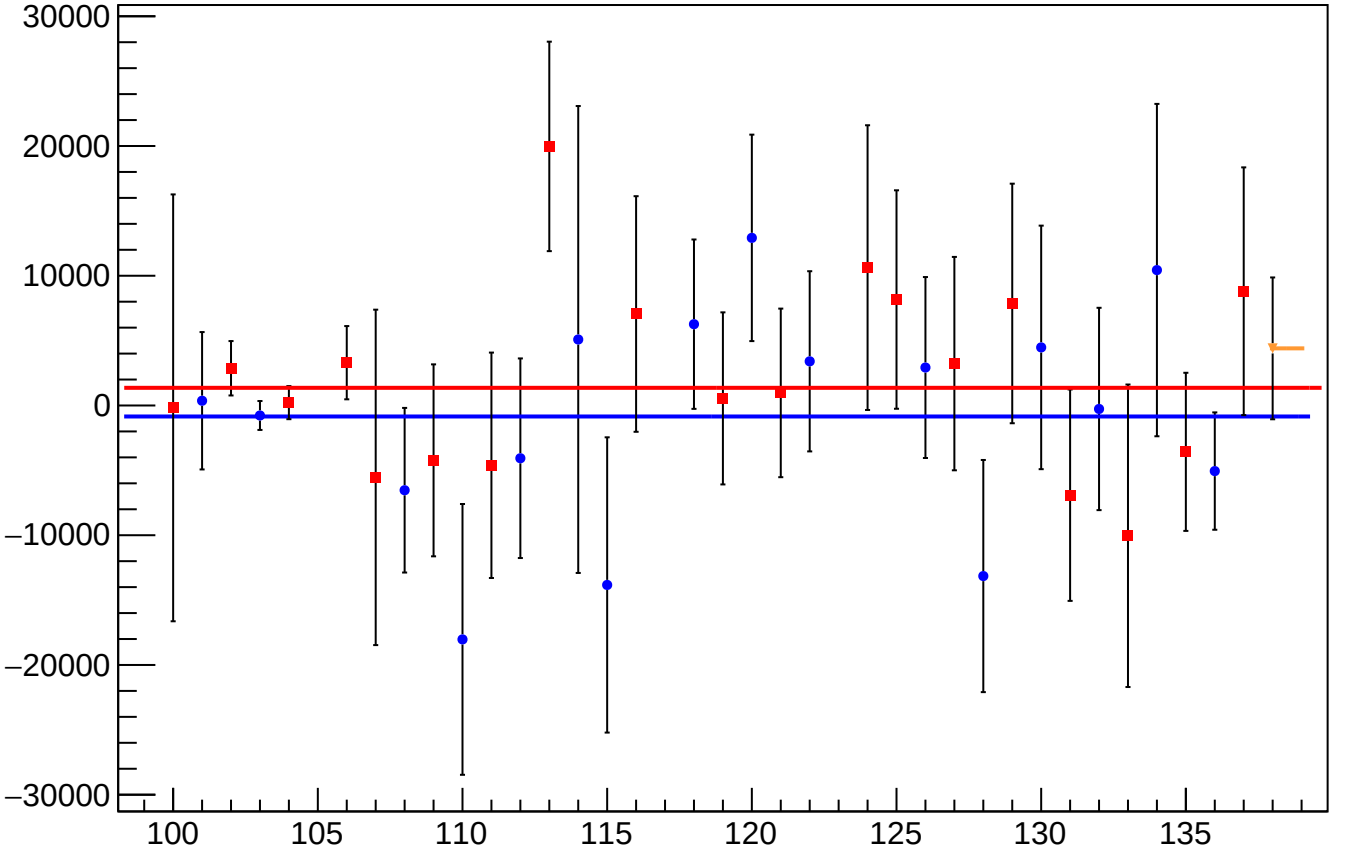
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1845.047+/-0.464 χ^2/NDF: 266626.4/16

All: 1866.603+/-0.340 χ^2/NDF: 635319.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -847.977+/-962.920 χ^2/NDF: 13.9/15

Left Out: 4402.572+/-5465.646 χ^2/NDF:0.0/0

Right Out: 1361.523+/-915.925 χ^2/NDF: 14.0/18

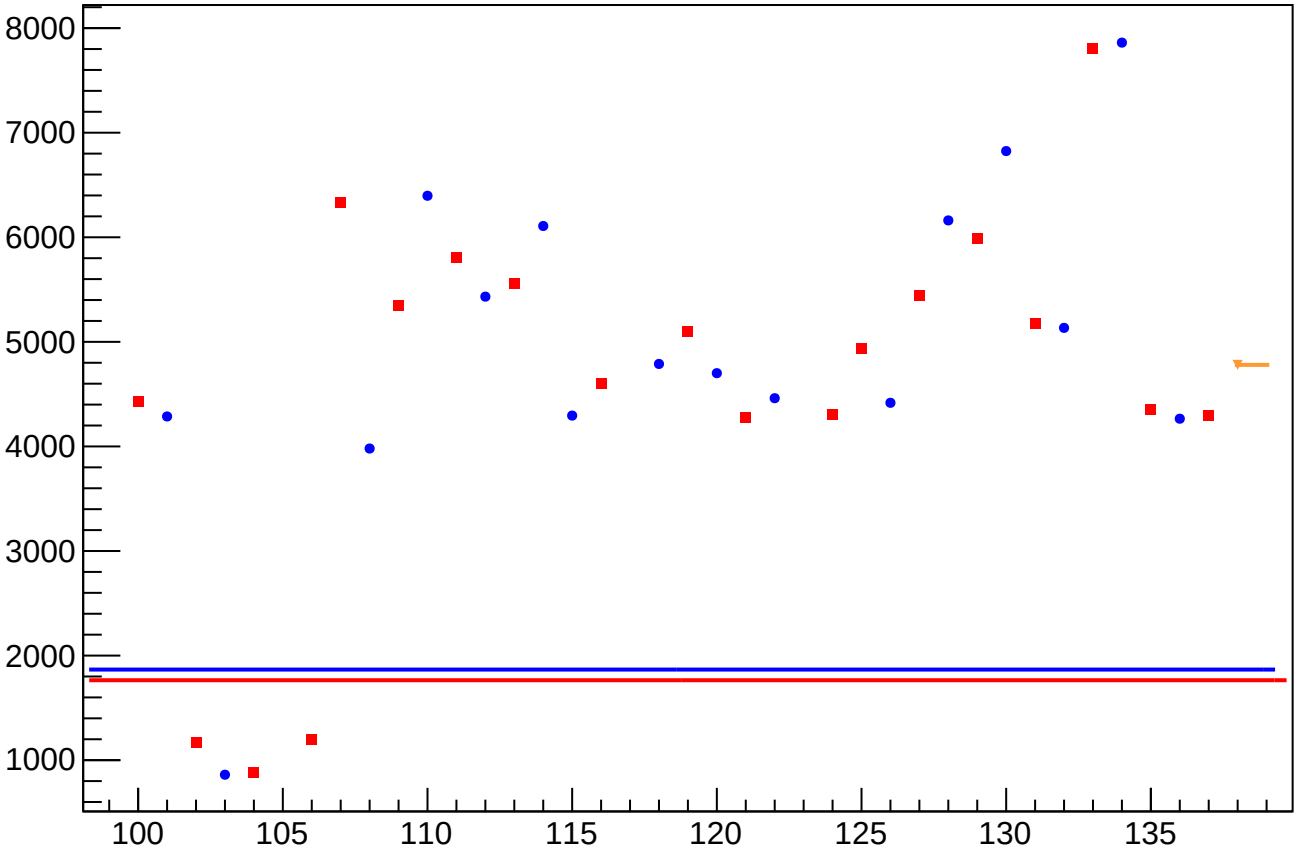
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -689.915+/-948.315 χ^2/NDF: 14.8/16

All: 371.436+/-658.810 χ^2/NDF: 31.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1866.405+/-0.681 χ^2/NDF: 6849638.3/15

Left Out: 4779.724+/-3.865 χ^2/NDF:0.0/0

Right Out: 1764.281+/-0.648 χ^2/NDF: 6434807.7/18

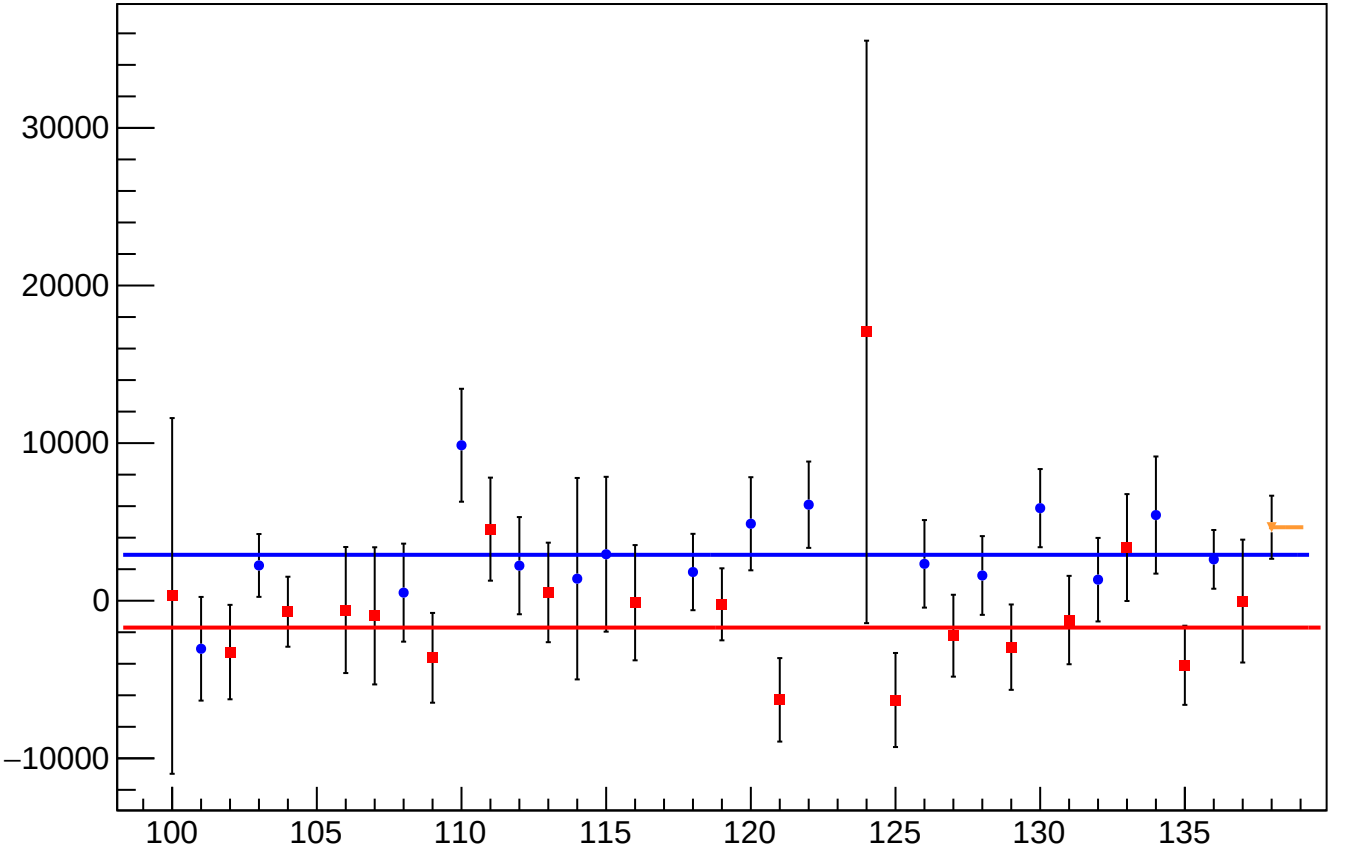
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1954.107+/-0.671 χ^2/NDF: 7400761.1/16

All: 1855.897+/-0.466 χ^2/NDF: 13877029.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2913.091+/-695.062 χ^2/NDF: 12.4/15

Left Out: 4662.094+/-2001.583 χ^2/NDF:0.0/0

Right Out: -1703.523+/-706.847 χ^2/NDF: 15.8/18

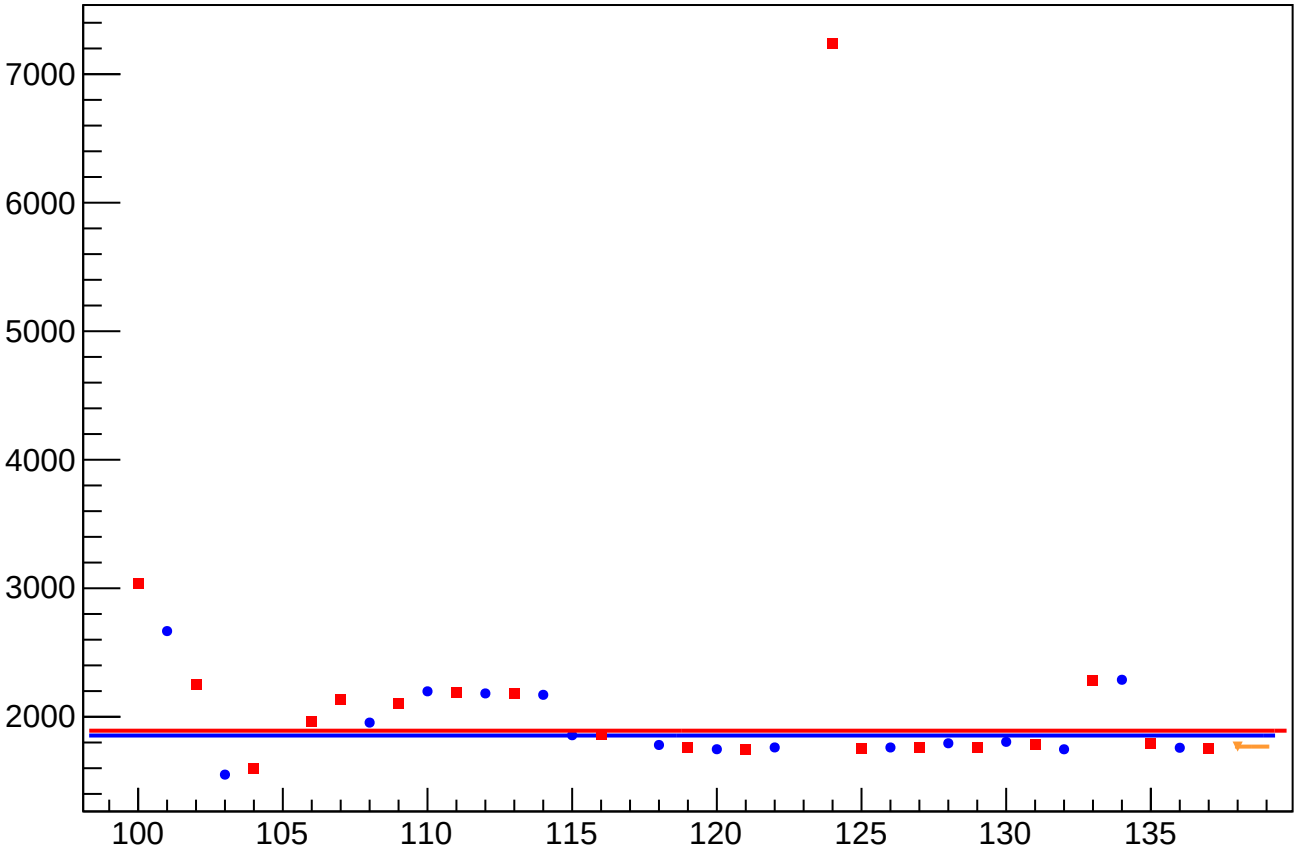
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3101.302+/-656.600 χ^2/NDF: 13.1/16

All: 875.722+/-481.070 χ^2/NDF: 53.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1854.314+/-0.491 χ^2/NDF: 263322.5/15

Left Out: 1768.198+/-1.415 χ^2/NDF:0.0/0

Right Out: 1891.927+/-0.499 χ^2/NDF: 364292.2/18

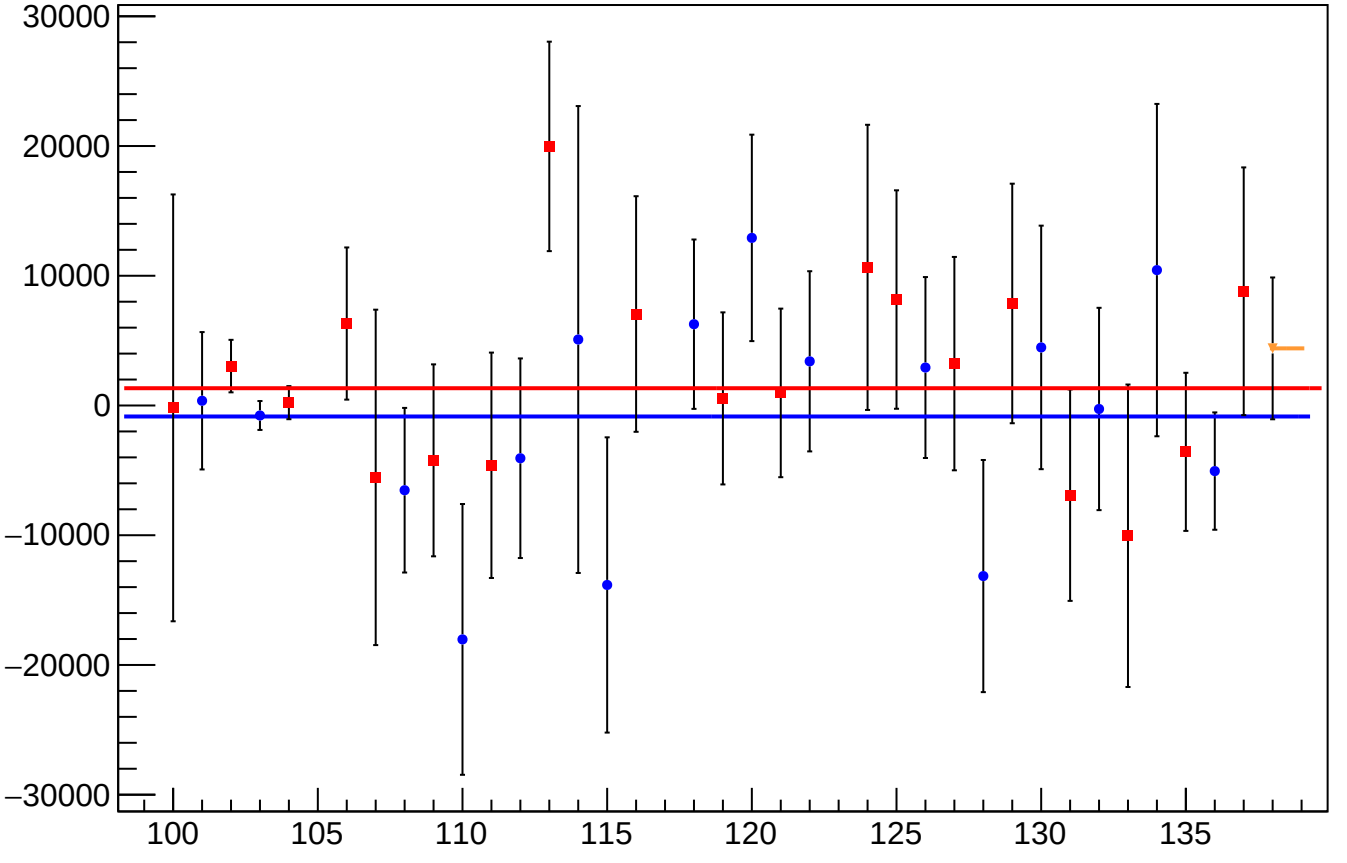
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1845.047+/-0.464 χ^2/NDF: 266626.3/16

All: 1866.810+/-0.340 χ^2/NDF: 635651.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -847.504+/-962.866 χ^2/NDF: 13.9/15

Left Out: 4402.694+/-5465.647 χ^2/NDF:0.0/0

Right Out: 1331.371+/-948.163 χ^2/NDF: 14.4/18

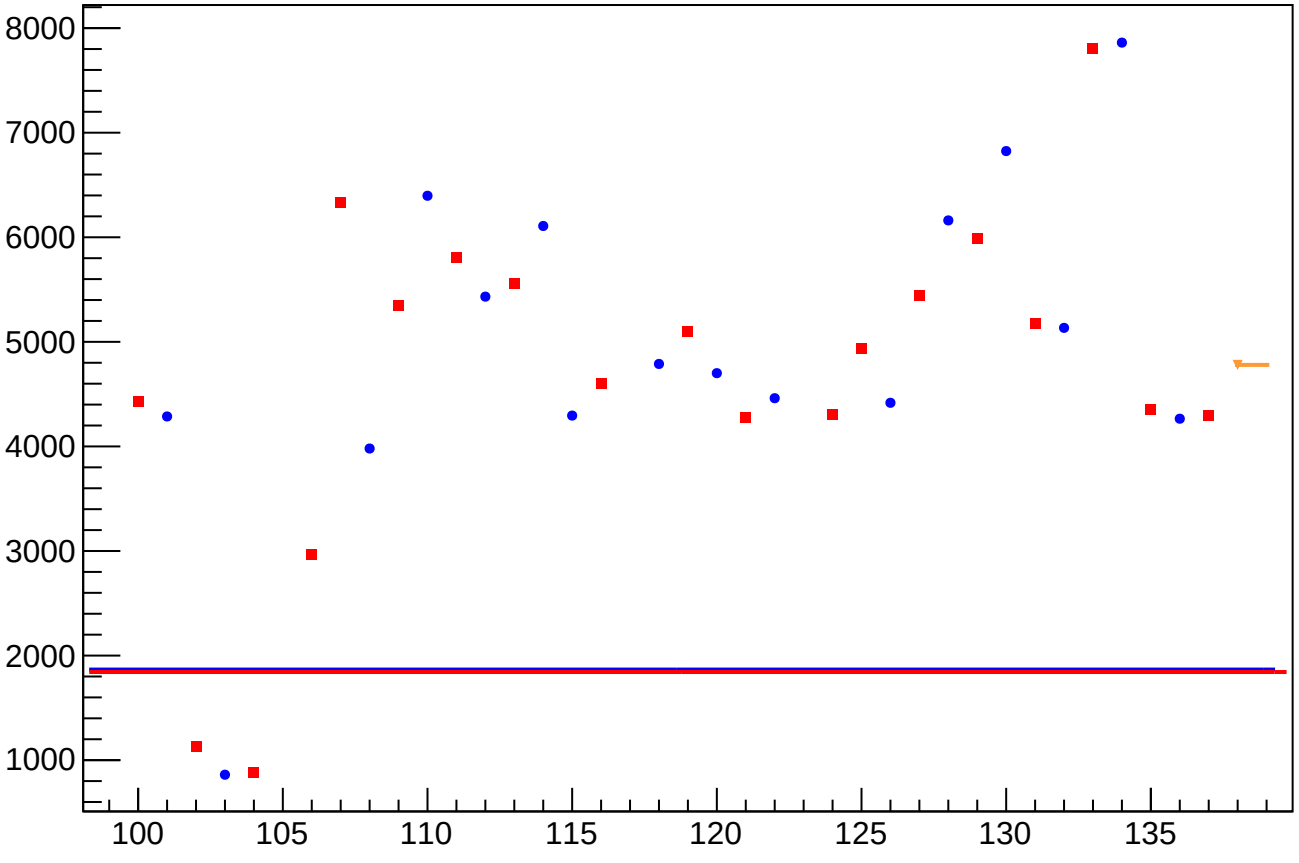
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -689.469+/-948.264 χ^2/NDF: 14.8/16

All: 321.059+/-670.488 χ^2/NDF: 31.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1866.251+/-0.681 χ^2/NDF: 6850061.4/15

Left Out: 4779.726+/-3.865 χ^2/NDF:0.0/0

Right Out: 1842.882+/-0.670 χ^2/NDF: 6458456.4/18

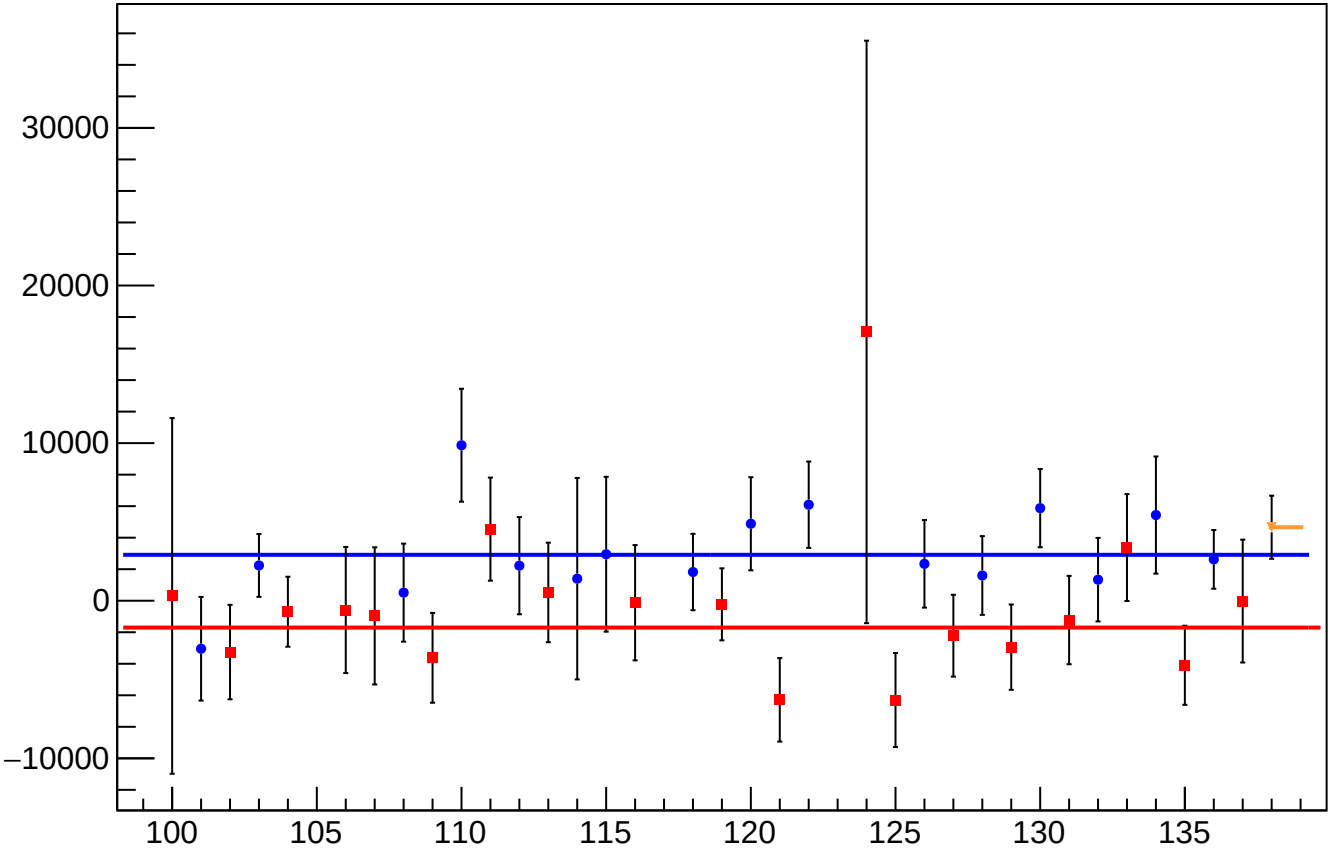
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1953.949+/-0.671 χ^2/NDF: 7401244.8/16

All: 1898.410+/-0.474 χ^2/NDF: 13873421.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2913.091+/-695.062 χ^2/NDF: 12.4/15

Left Out: 4662.094+/-2001.583 χ^2/NDF:0.0/0

Right Out: -1703.523+/-706.847 χ^2/NDF: 15.8/18

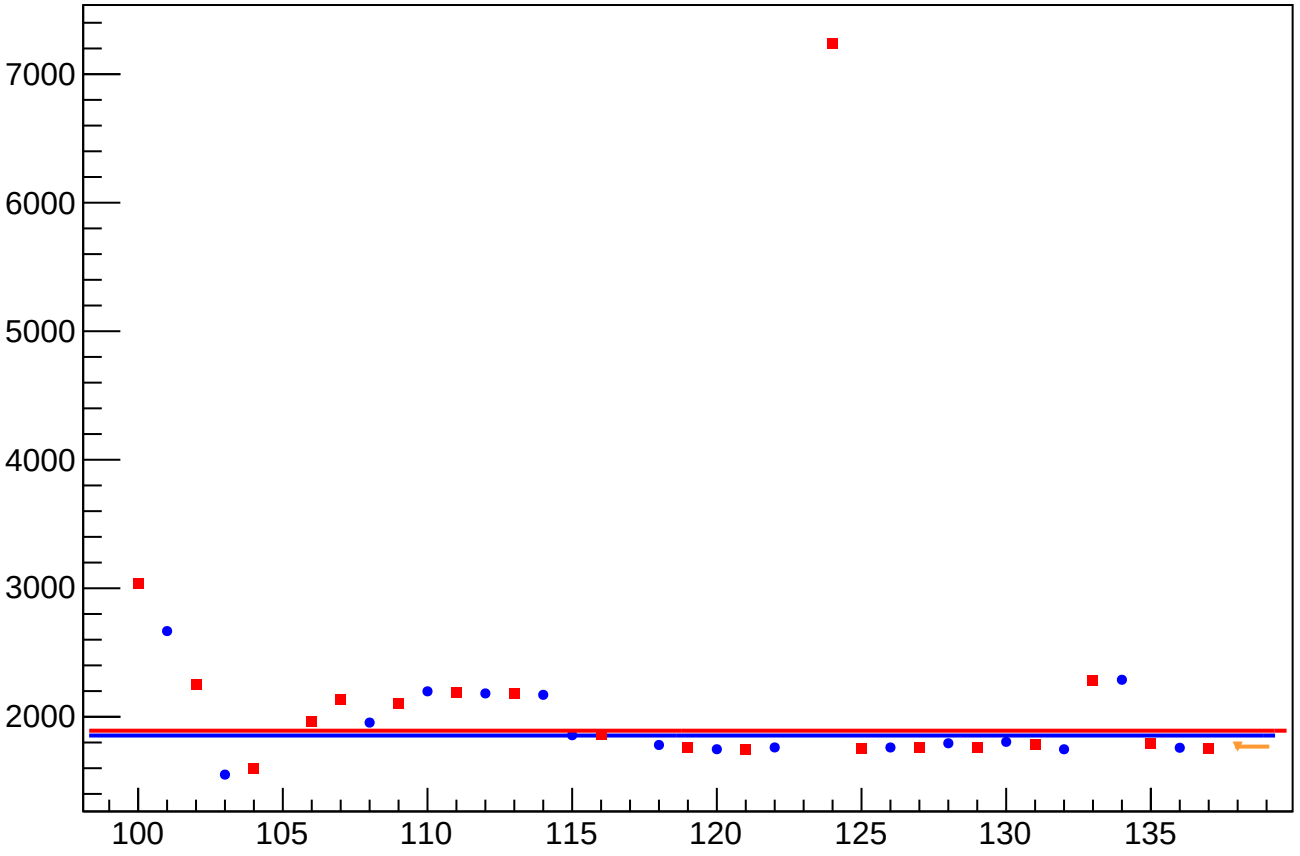
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3101.302+/-656.600 χ^2/NDF: 13.1/16

All: 875.722+/-481.070 χ^2/NDF: 53.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1854.314+/-0.491 χ^2/NDF: 263322.5/15

Left Out: 1768.198+/-1.415 χ^2/NDF:0.0/0

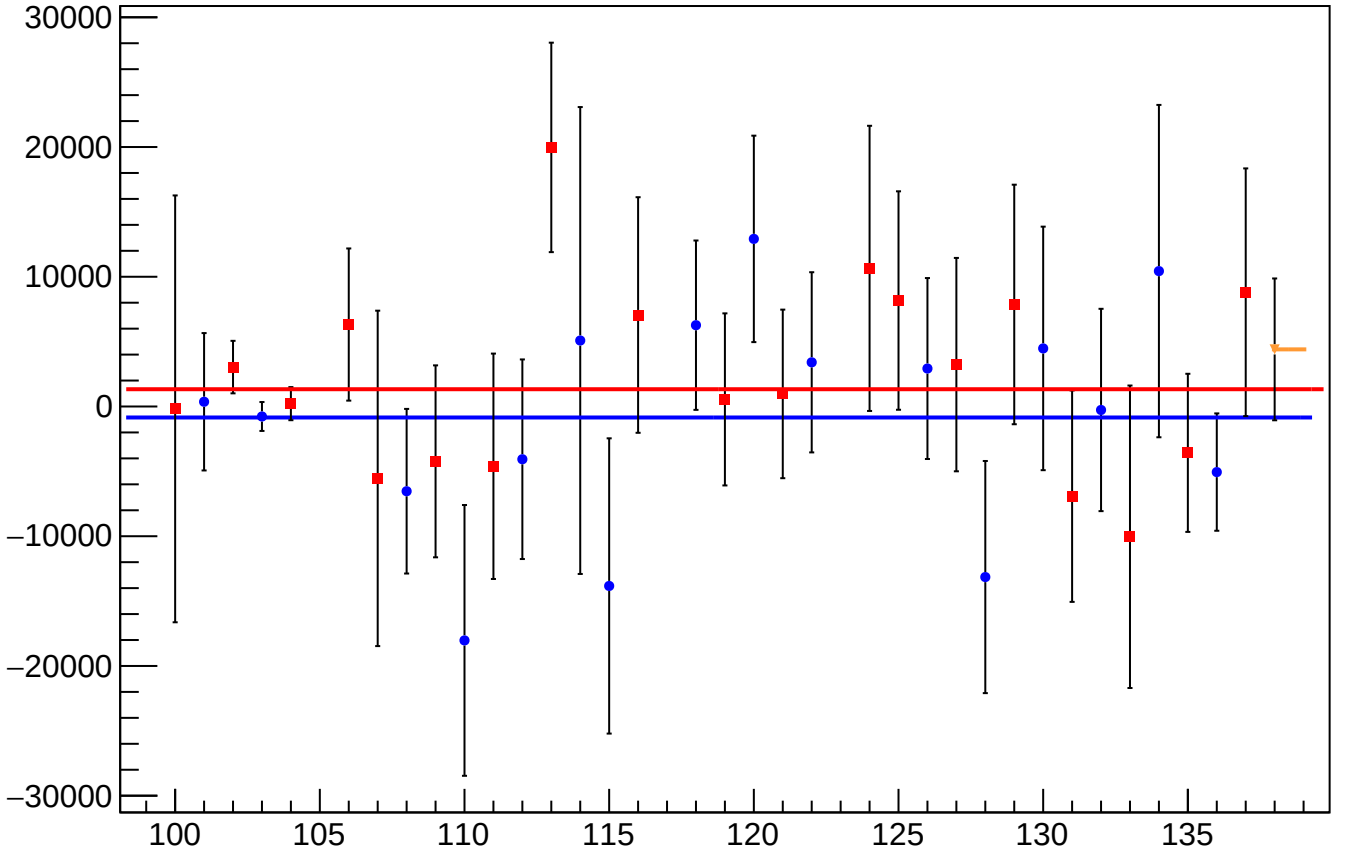
Right Out: 1891.927+/-0.499 χ^2/NDF: 364292.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1845.047+/-0.464 χ^2/NDF: 266626.3/16

All: 1866.810+/-0.340 χ^2/NDF: 635651.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -847.504+/-962.866 χ^2/NDF: 13.9/15

Left Out: 4402.694+/-5465.647 χ^2/NDF:0.0/0

Right Out: 1331.371+/-948.163 χ^2/NDF: 14.4/18

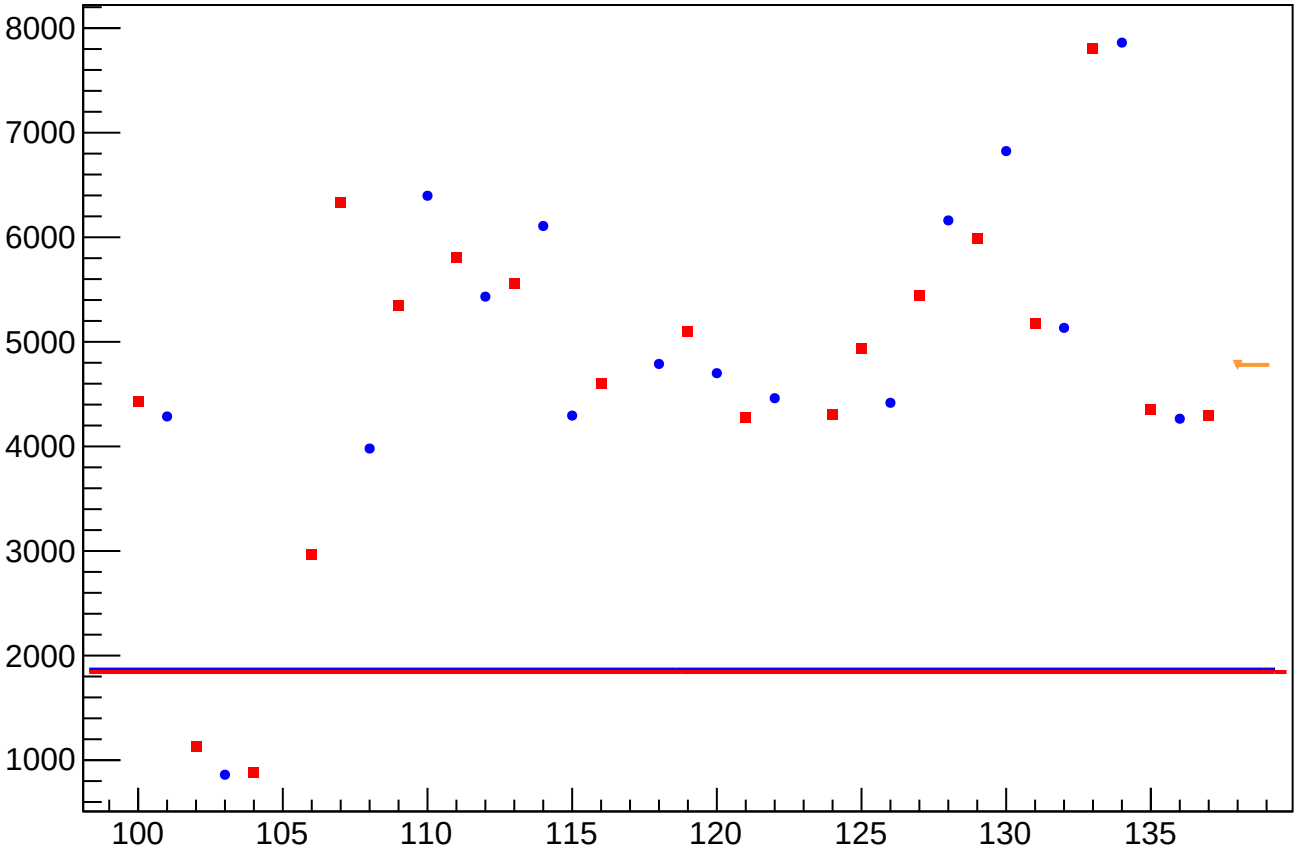
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -689.469+/-948.264 χ^2/NDF: 14.8/16

All: 321.059+/-670.488 χ^2/NDF: 31.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1866.251+/-0.681 χ^2/NDF: 6850061.4/15

Left Out: 4779.726+/-3.865 χ^2/NDF:0.0/0

Right Out: 1842.882+/-0.670 χ^2/NDF: 6458456.4/18

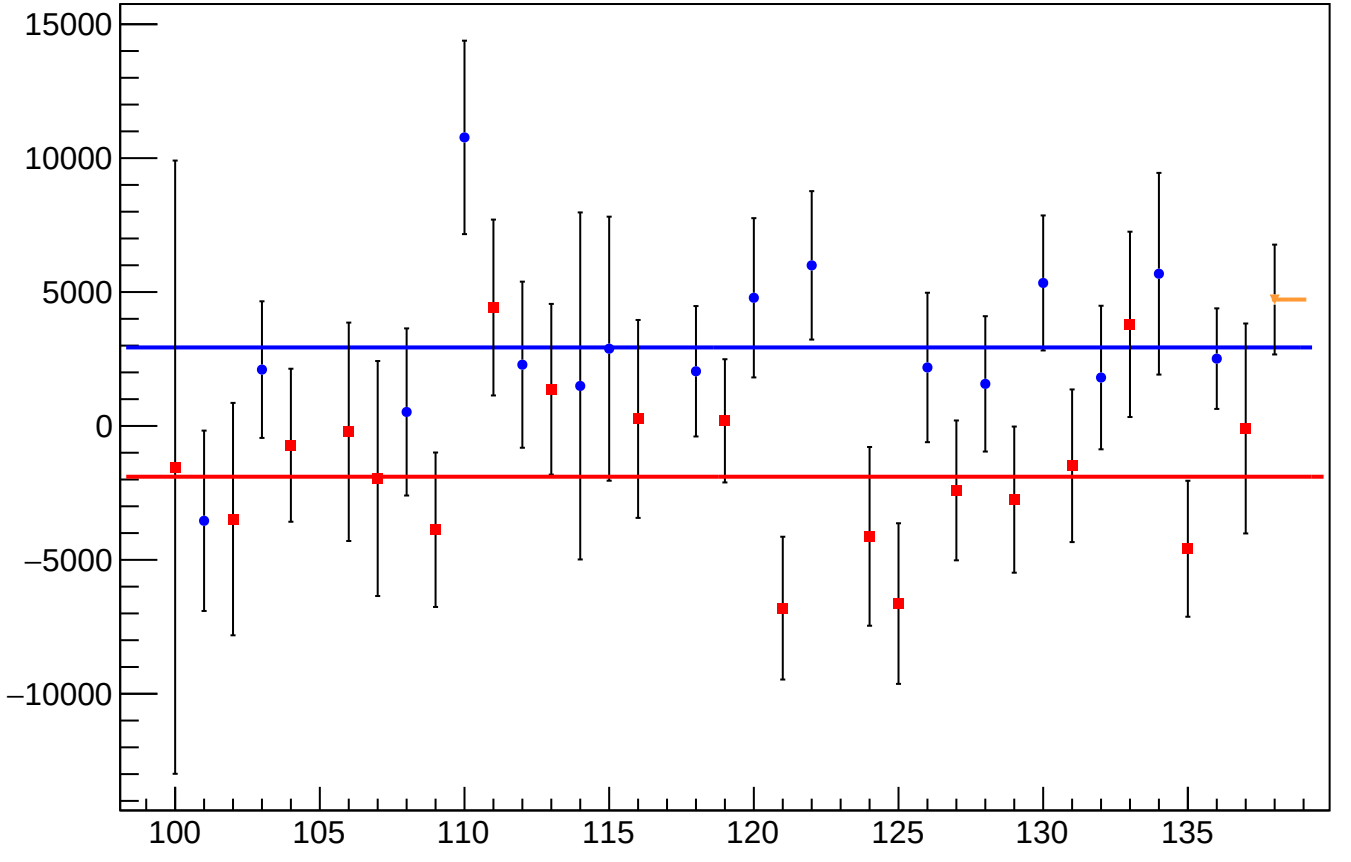
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1953.949+/-0.671 χ^2/NDF: 7401244.8/16

All: 1898.410+/-0.474 χ^2/NDF: 13873421.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



Right In: 2931.691+/-718.305 χ^2/NDF: 13.0/15

Left Out: 4720.080+/-2050.413 χ^2/NDF:0.0/0

Right Out: -1895.503+/-721.954 χ^2/NDF: 17.4/18

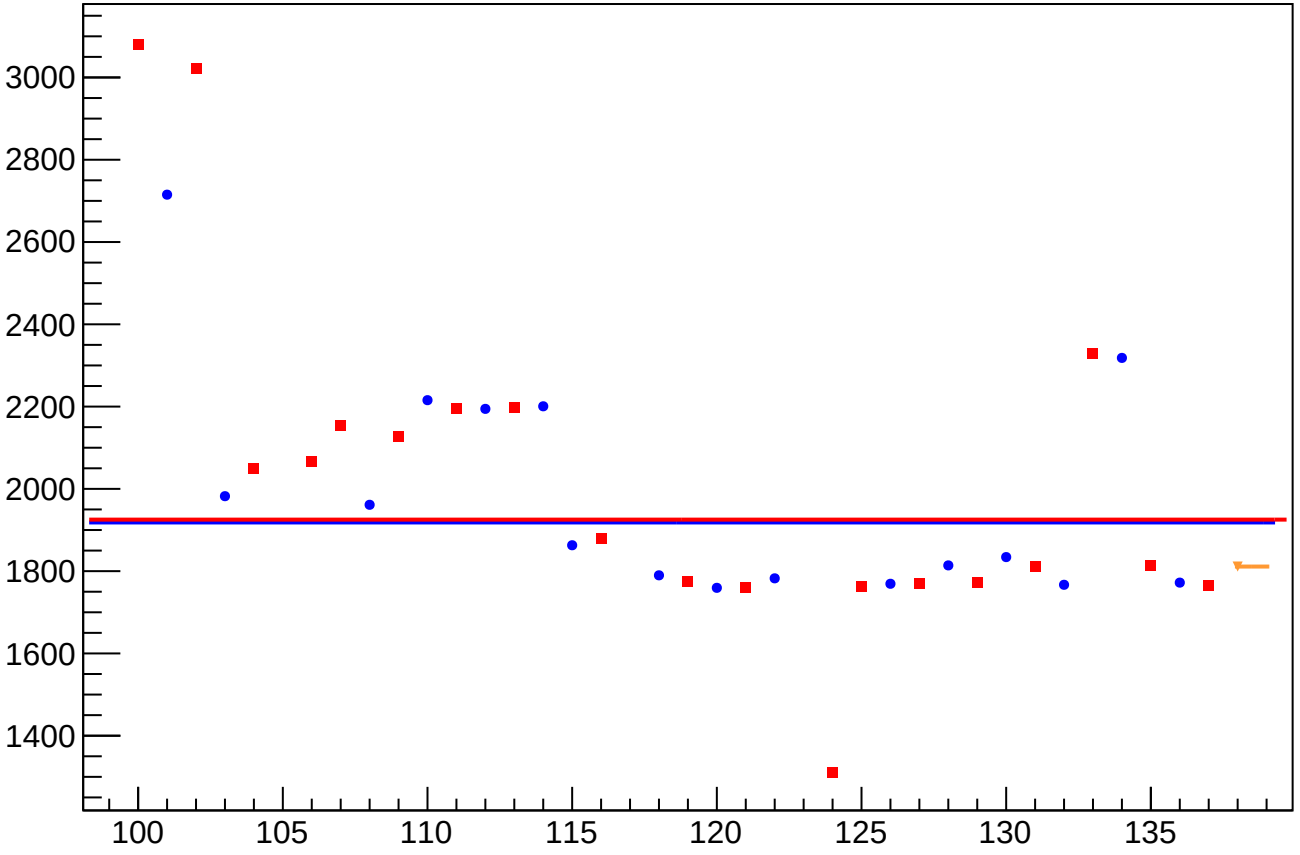
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3127.180+/-677.910 χ^2/NDF: 13.7/16

All: 773.708+/-494.192 χ^2/NDF: 56.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 1918.367+/-0.508 χ^2/NDF: 215592.7/15

Left Out: 1811.170+/-1.450 χ^2/NDF:0.0/0

Right Out: 1925.260+/-0.510 χ^2/NDF: 339095.4/18

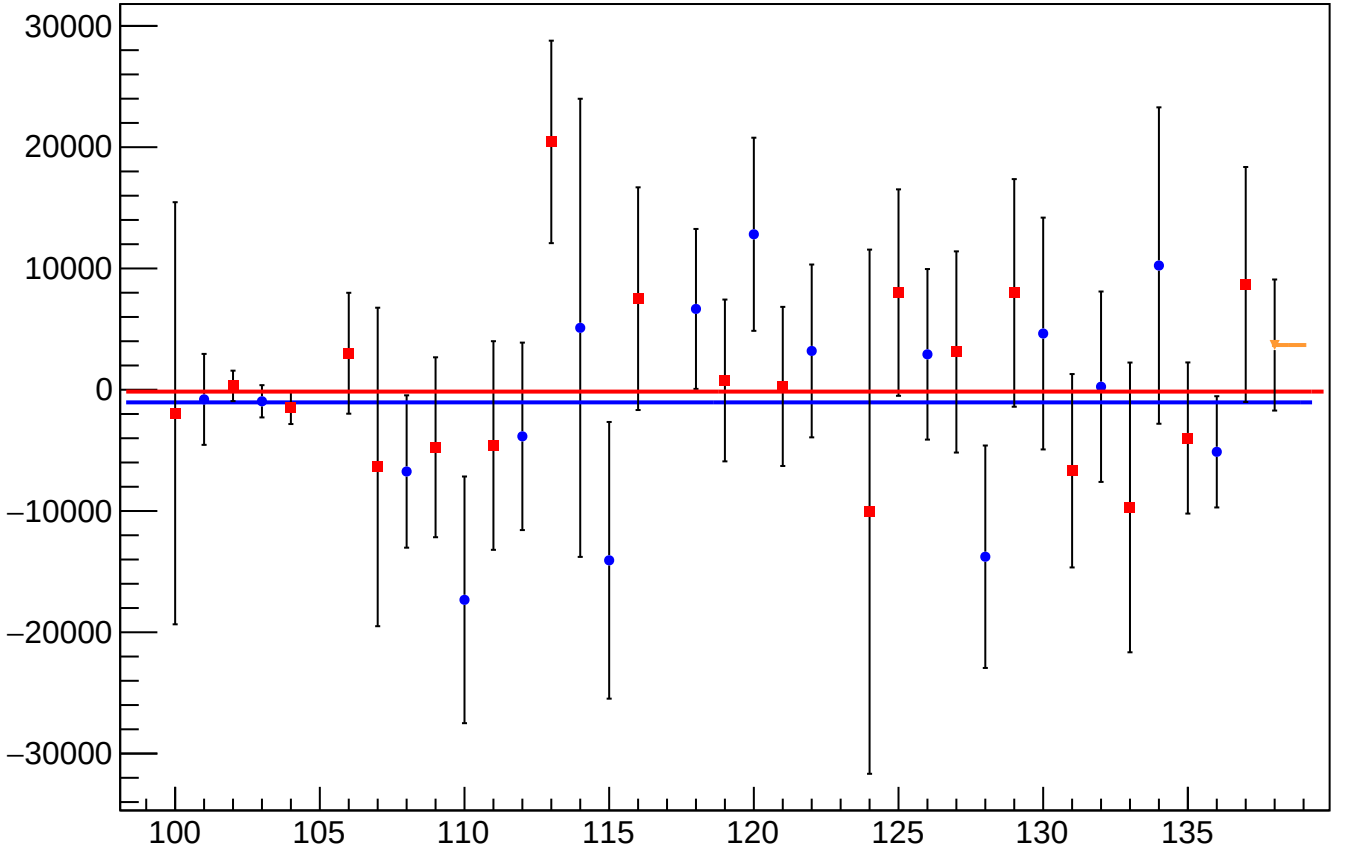
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1906.650+/-0.479 χ^2/NDF: 220461.7/16

All: 1915.377+/-0.349 χ^2/NDF: 560264.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -1041.908+/-1072.406 χ^2/NDF: 13.8/15

Left Out: 3686.663+/-5404.163 χ^2/NDF:0.0/0

Right Out: -153.619+/-835.656 χ^2/NDF: 13.7/18

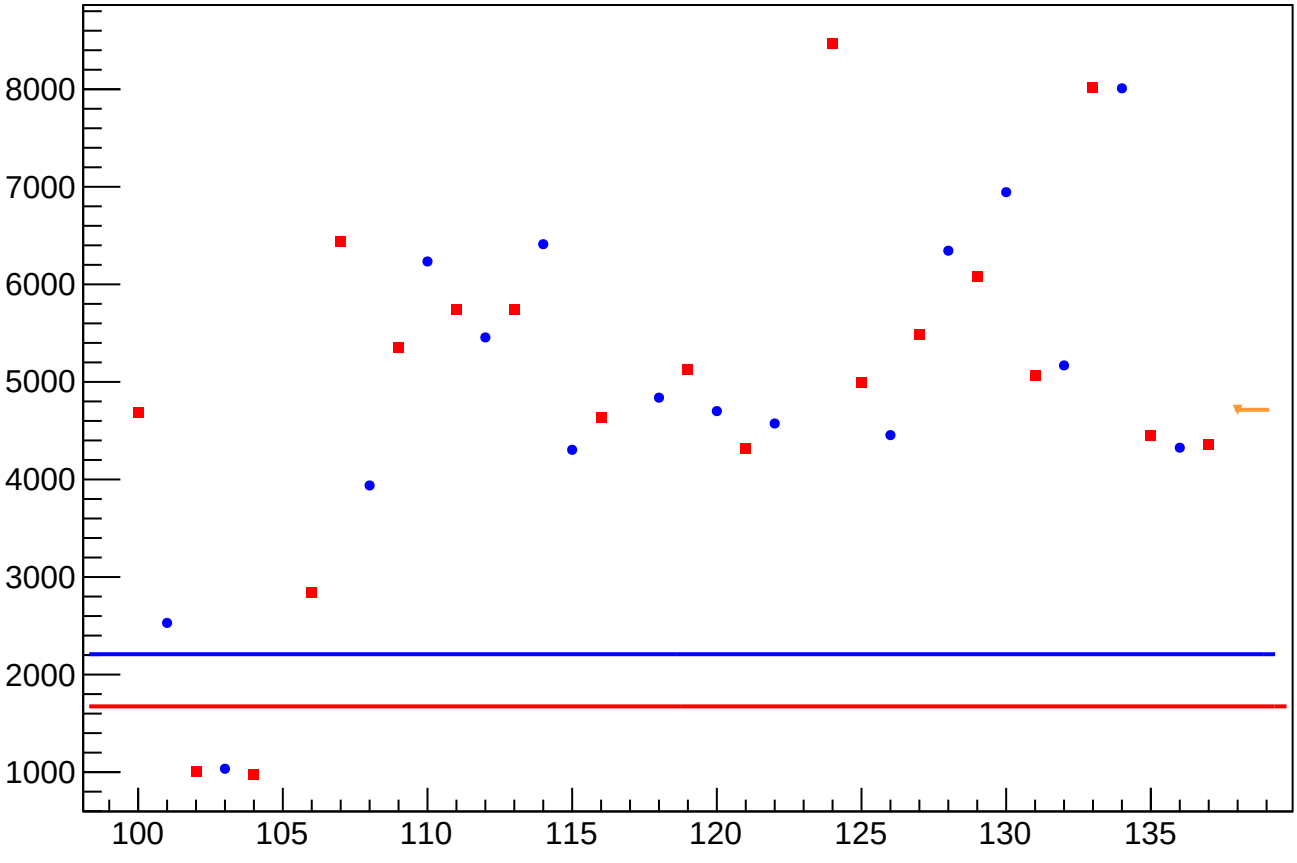
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -862.757+/-1051.895 χ^2/NDF: 14.6/16

All: -428.001+/-654.312 χ^2/NDF: 28.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 2208.912+/-0.758 χ^2/NDF: 5499011.4/15

Left Out: 4714.180+/-3.821 χ^2/NDF:0.0/0

Right Out: 1674.162+/-0.591 χ^2/NDF: 6853212.9/18

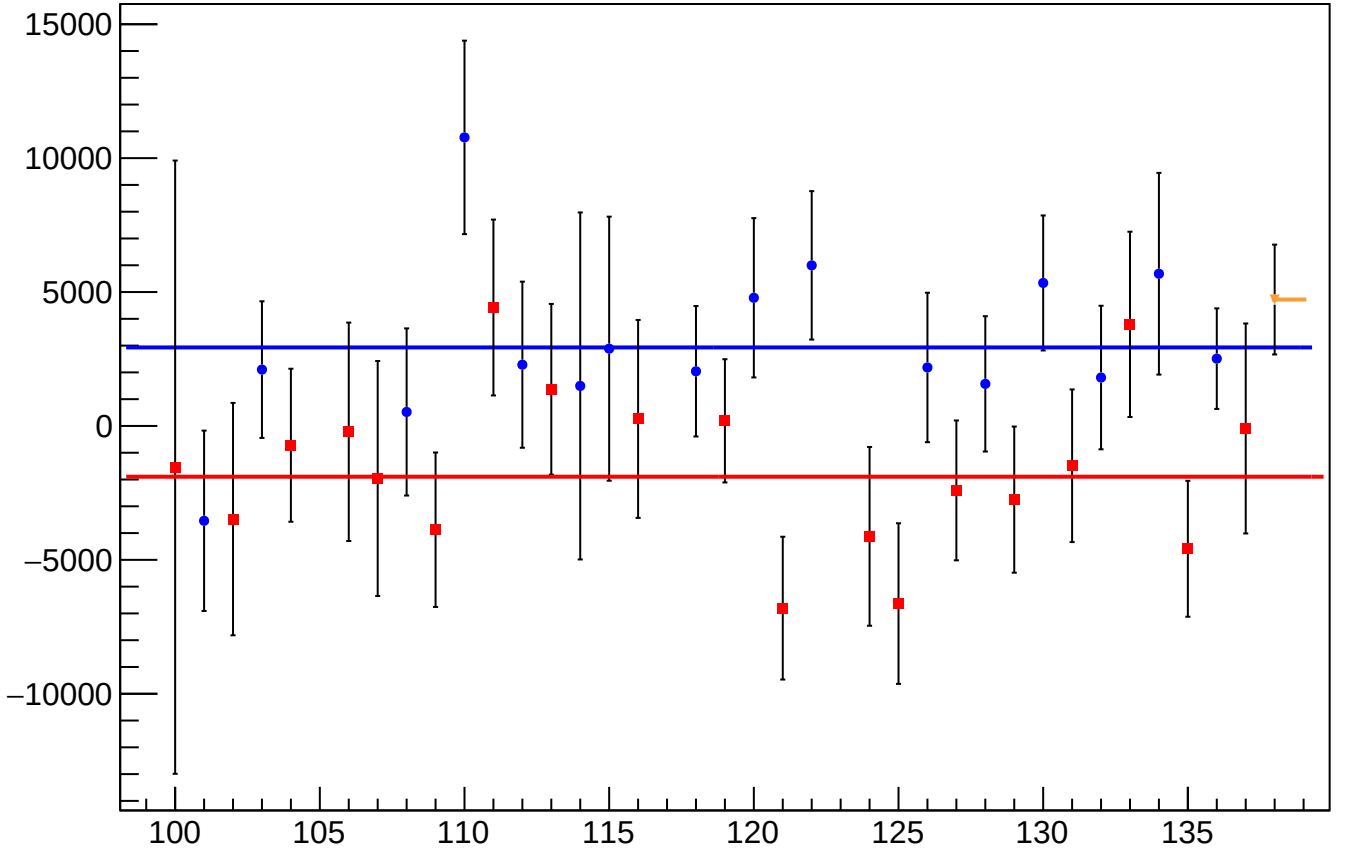
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2303.828+/-0.744 χ^2/NDF: 5912542.1/16

All: 1917.795+/-0.463 χ^2/NDF: 13205115.9/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl1r2_avg_mean vs Slug



Right In: 2931.693+/-718.305 χ^2/NDF: 13.0/15

Left Out: 4720.081+/-2050.414 χ^2/NDF:0.0/0

Right Out: -1895.508+/-721.953 χ^2/NDF: 17.4/18

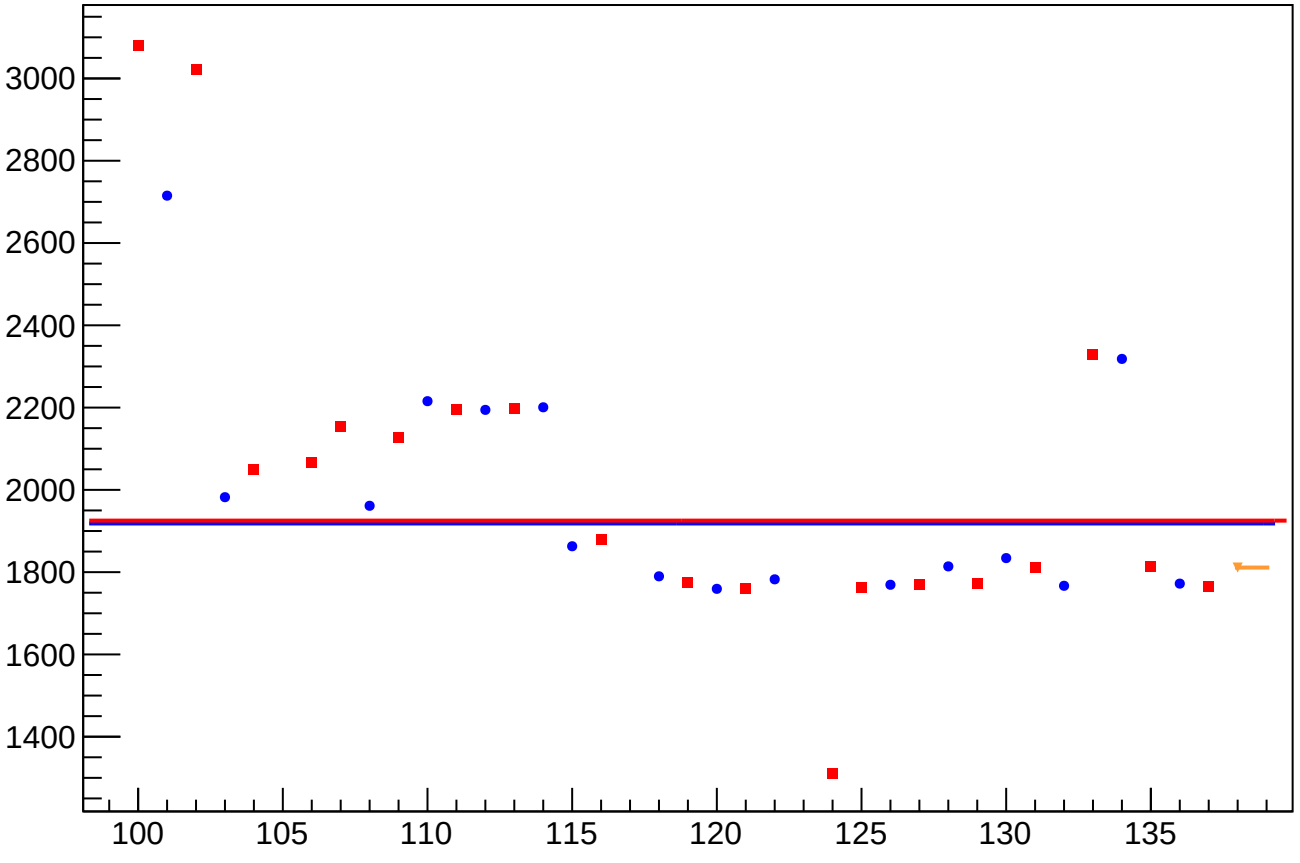
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3127.182+/-677.910 χ^2/NDF: 13.7/16

All: 773.707+/-494.192 χ^2/NDF: 56.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 1918.367+/-0.508 χ^2/NDF: 215592.7/15

Left Out: 1811.170+/-1.450 χ^2/NDF:0.0/0

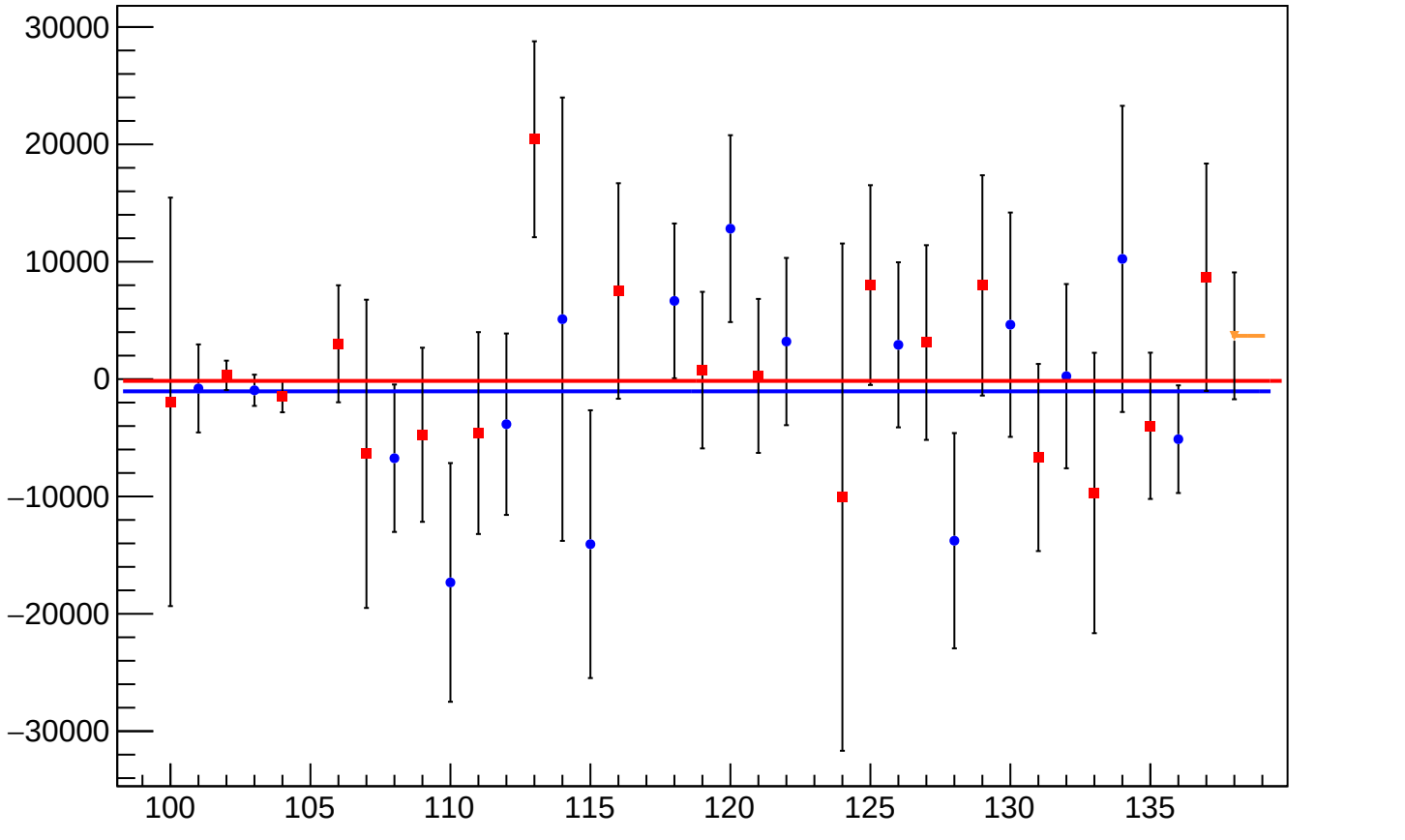
Right Out: 1925.259+/-0.510 χ^2/NDF: 339094.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1906.649+/-0.479 χ^2/NDF: 220461.7/16

All: 1915.377+/-0.349 χ^2/NDF: 560262.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1041.906+/-1072.405 χ^2/NDF: 13.8/15

Left Out: 3686.662+/-5404.172 χ^2/NDF:0.0/0

Right Out: -153.614+/-835.655 χ^2/NDF: 13.7/18

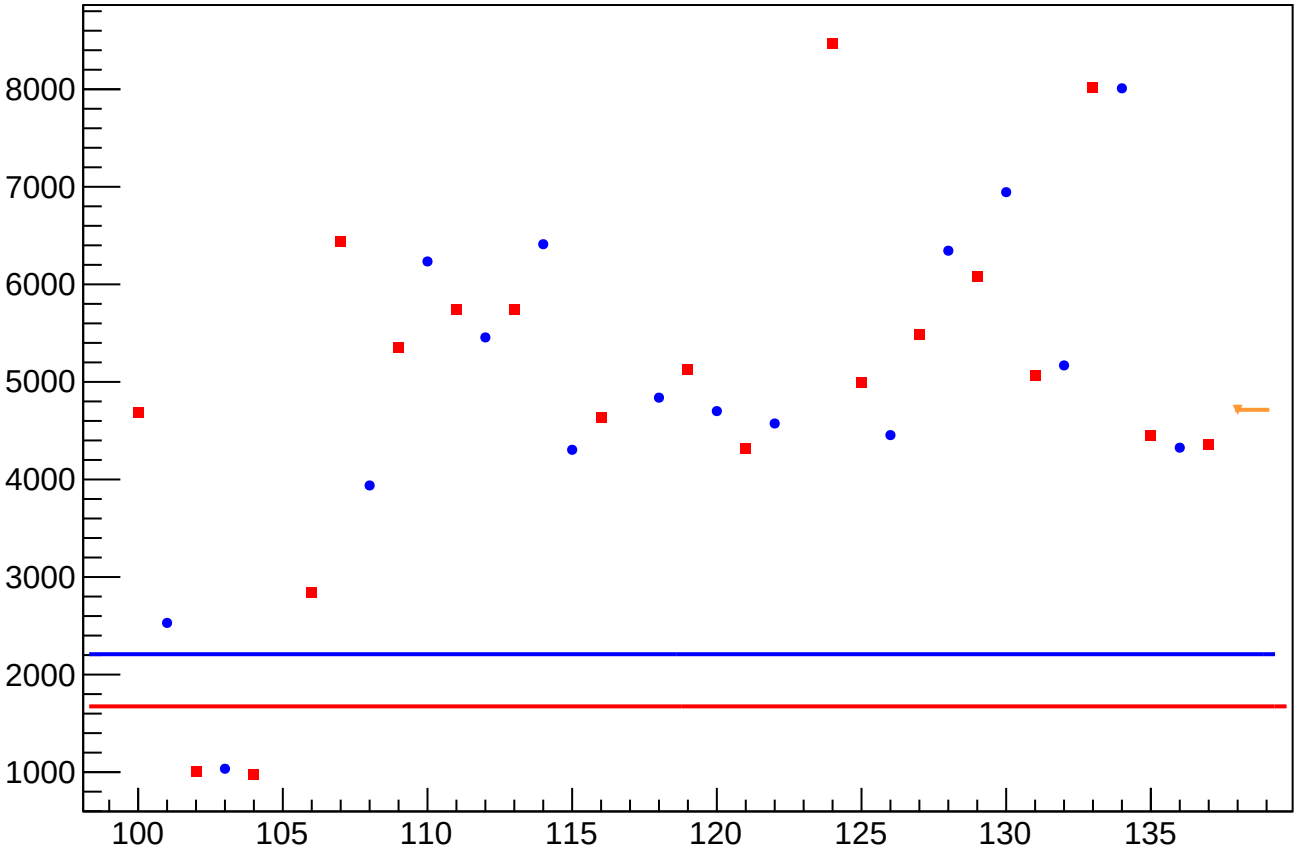
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -862.756+/-1051.894 χ^2/NDF: 14.6/16

All: -427.998+/-654.311 χ^2/NDF: 28.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 2208.911+/-0.758 χ^2/NDF: 5499004.2/15

Left Out: 4714.188+/-3.821 χ^2/NDF:0.0/0

Right Out: 1674.162+/-0.591 χ^2/NDF: 6853204.8/18

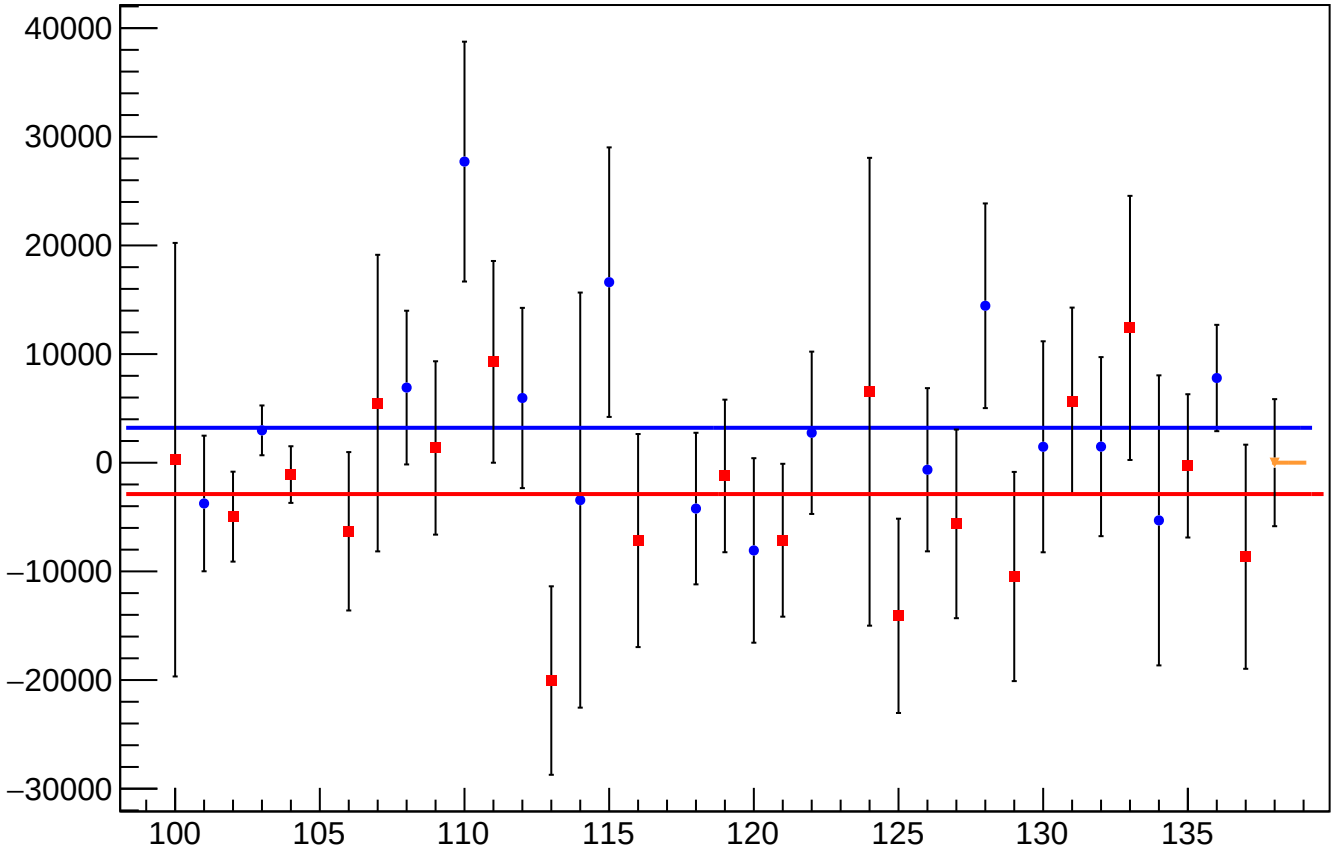
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2303.828+/-0.744 χ^2/NDF: 5912536.4/16

All: 1917.794+/-0.463 χ^2/NDF: 13205101.8/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 3215.695+/-1539.262 χ^2/NDF: 13.8/15

Left Out: 6.060+/-5847.841 χ^2/NDF:0.0/0

Right Out: -2883.411+/-1552.120 χ^2/NDF: 13.4/18

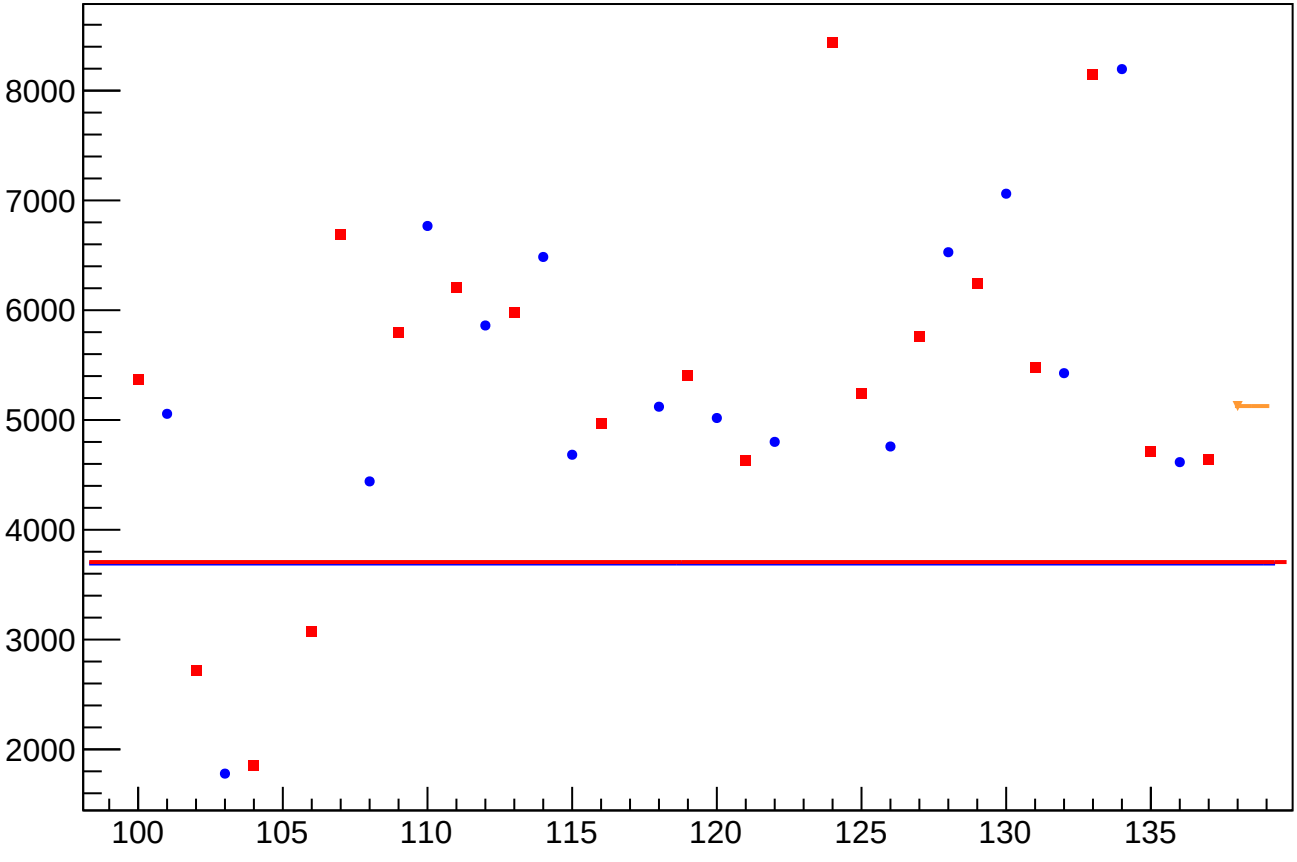
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3007.727+/-1488.558 χ^2/NDF: 14.1/16

All: 185.251+/-1074.338 χ^2/NDF: 35.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 3692.815+/-1.088 χ^2/NDF: 2885658.0/15

Left Out: 5126.896+/-4.135 χ^2/NDF:0.0/0

Right Out: 3706.081+/-1.087 χ^2/NDF: 2684528.0/18

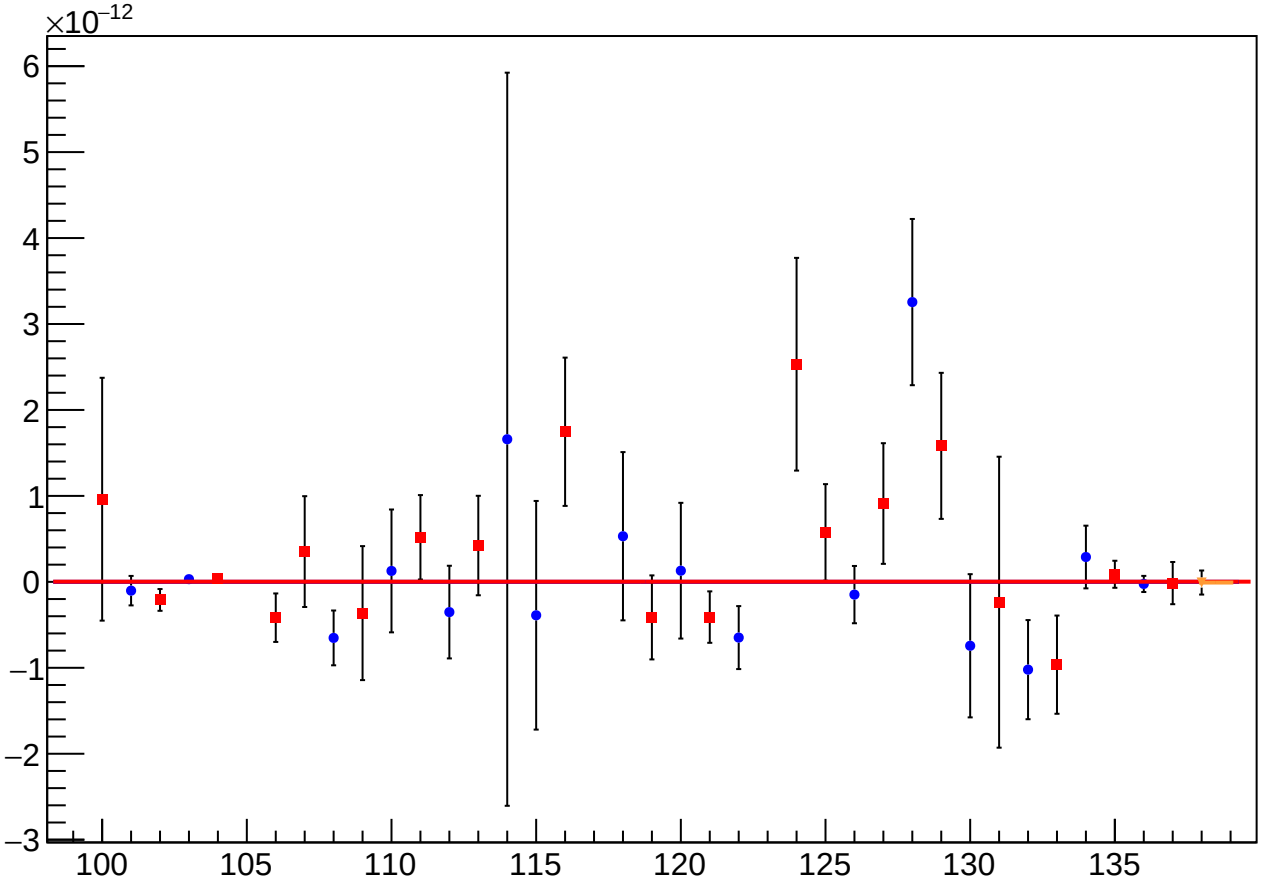
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 3785.736+/-1.053 χ^2/NDF: 2998142.6/16

All: 3747.174+/-0.756 χ^2/NDF: 5685443.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 25.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

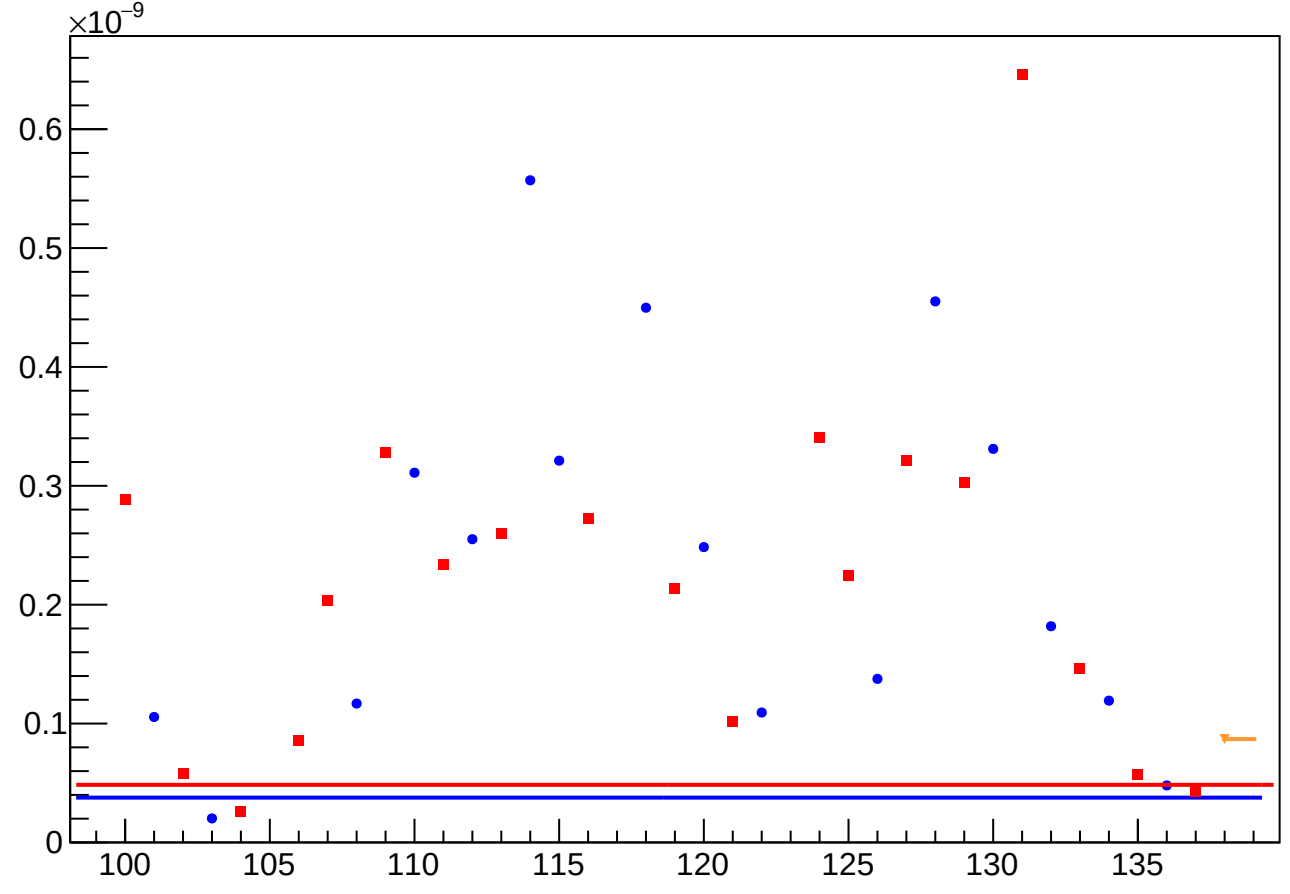
Right Out: 0.000+/-0.000 χ^2/NDF: 28.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 25.4/16

All: 0.000+/-0.000 χ^2/NDF: 53.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3140697.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

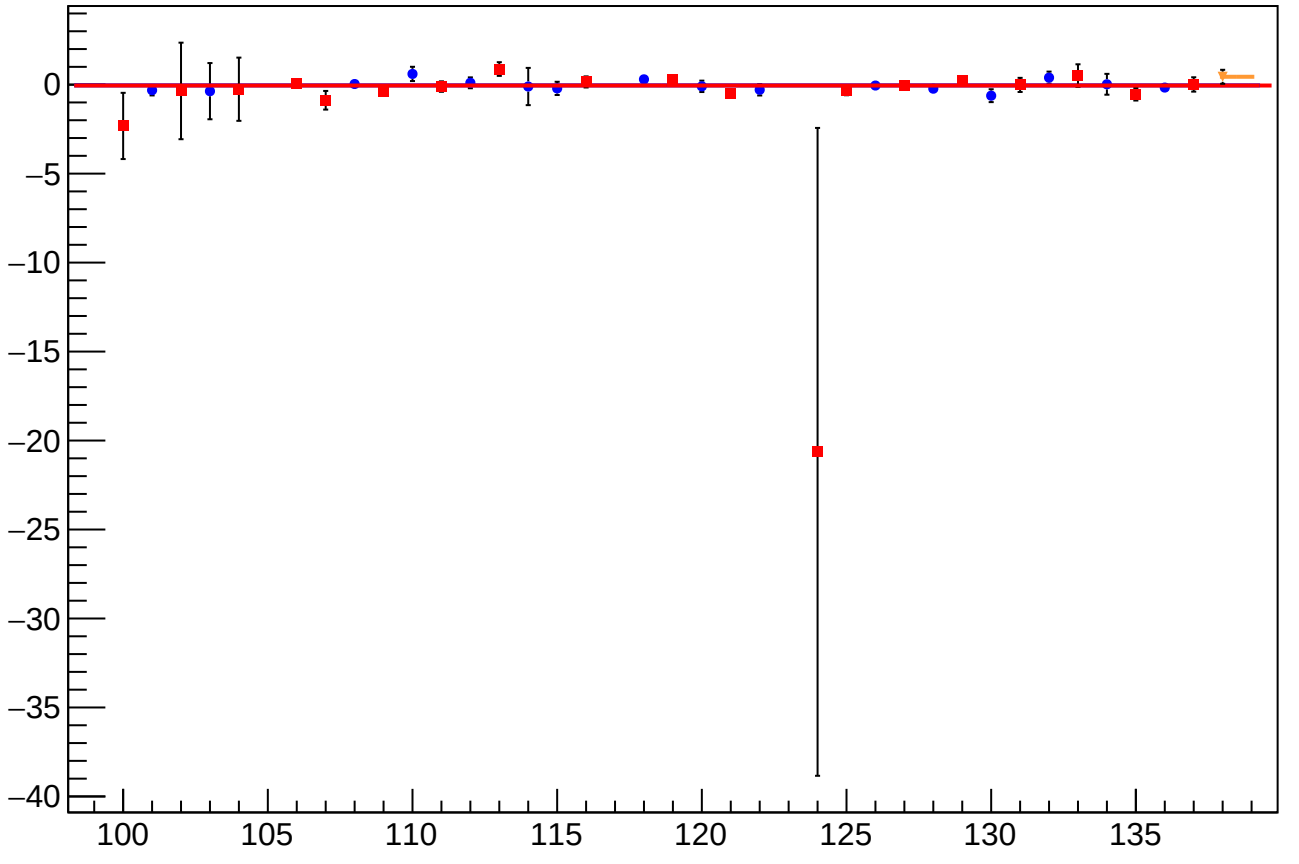
Right Out: 0.000+/-0.000 χ^2/NDF: 2895431.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3372880.5/16

All: 0.000+/-0.000 χ^2/NDF: 6304490.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.041+/-0.078 χ^2/NDF: 11.7/15

Left Out: 0.442+/-0.392 χ^2/NDF:0.0/0

Right Out: -0.049+/-0.079 χ^2/NDF: 23.0/18

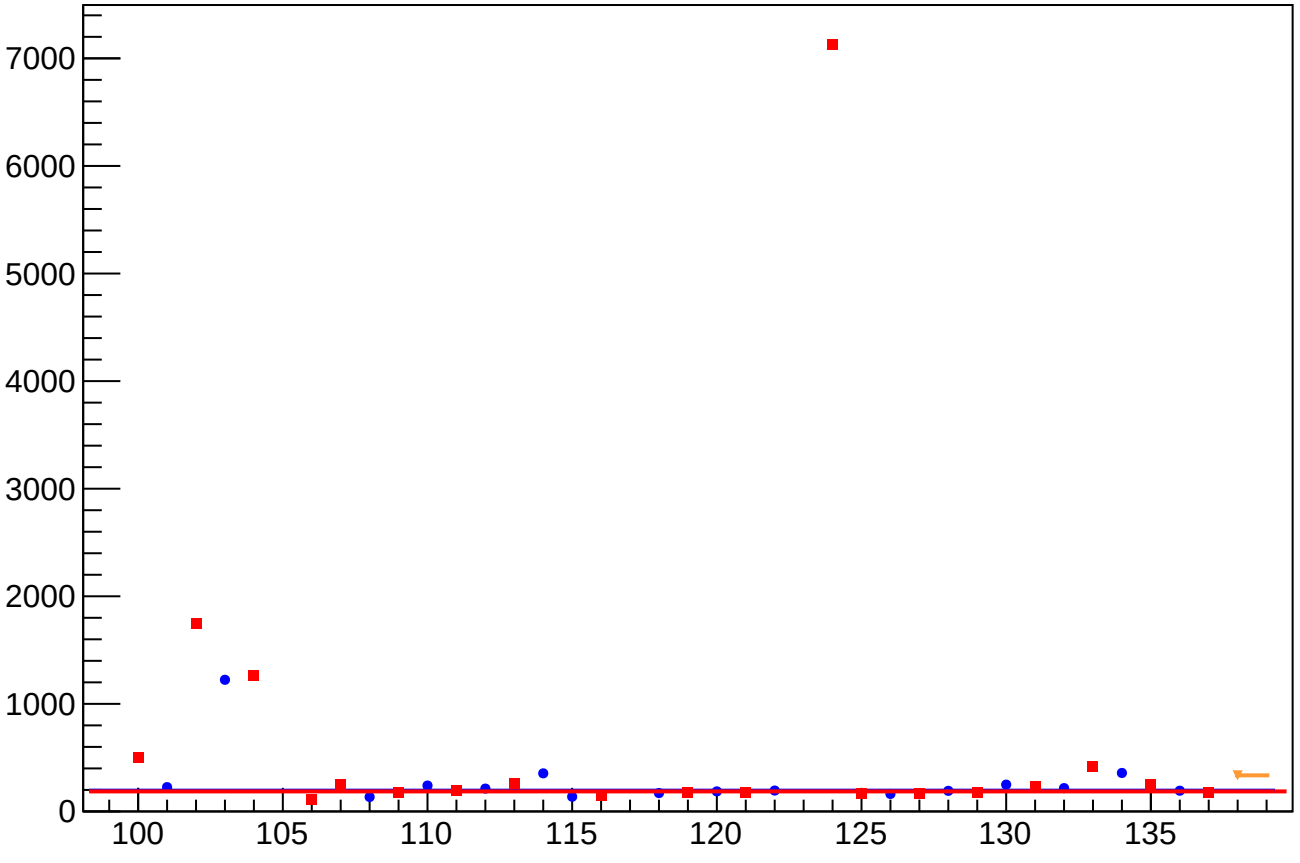
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.023+/-0.076 χ^2/NDF: 13.2/16

All: -0.036+/-0.055 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 193.248+/-0.055 χ^2/NDF: 1408397.0/15

Left Out: 335.616+/-0.277 χ^2/NDF:0.0/0

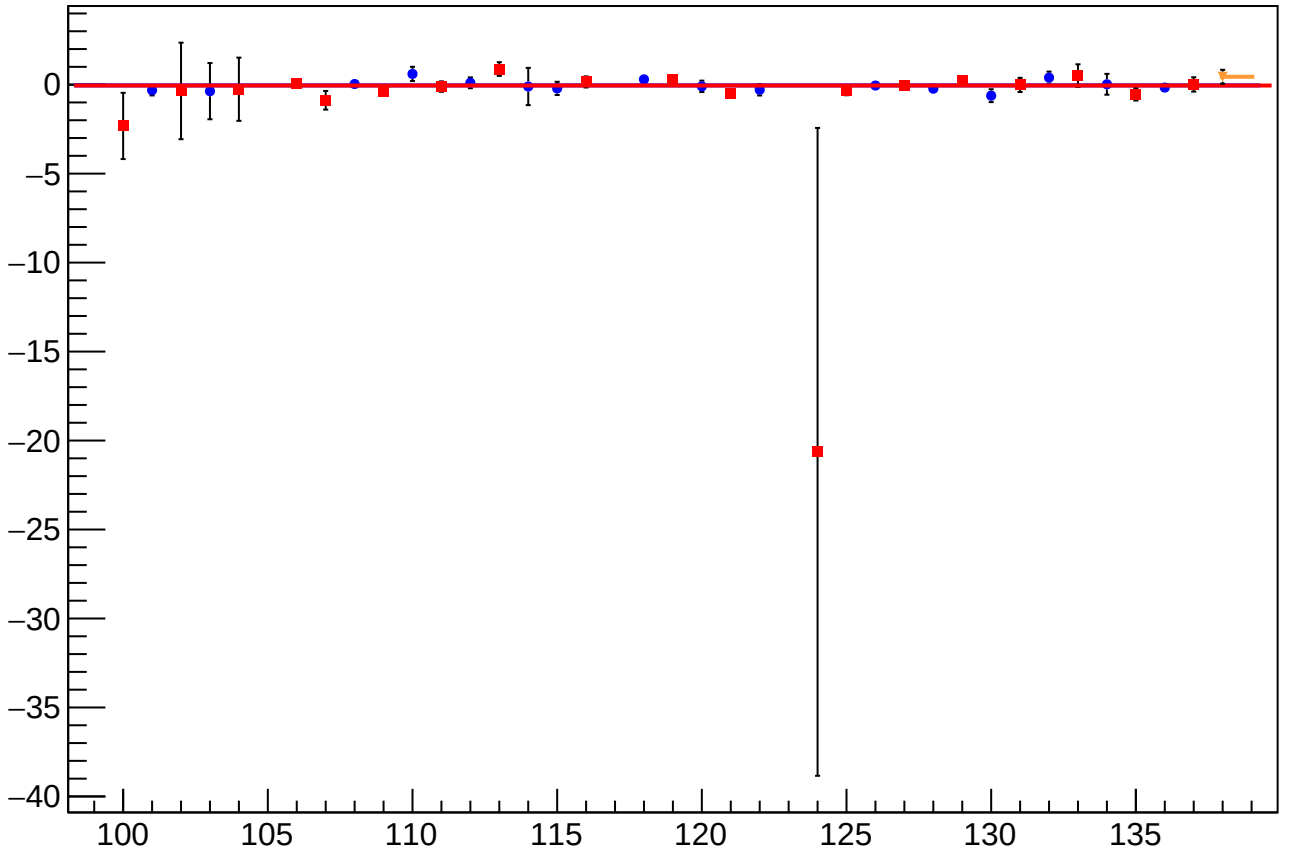
Right Out: 186.379+/-0.056 χ^2/NDF: 2479083.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 198.626+/-0.054 χ^2/NDF: 1661674.1/16

All: 192.701+/-0.039 χ^2/NDF: 4165706.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.041+/-0.078 χ^2/NDF: 11.7/15

Left Out: 0.442+/-0.392 χ^2/NDF:0.0/0

Right Out: -0.049+/-0.079 χ^2/NDF: 23.0/18

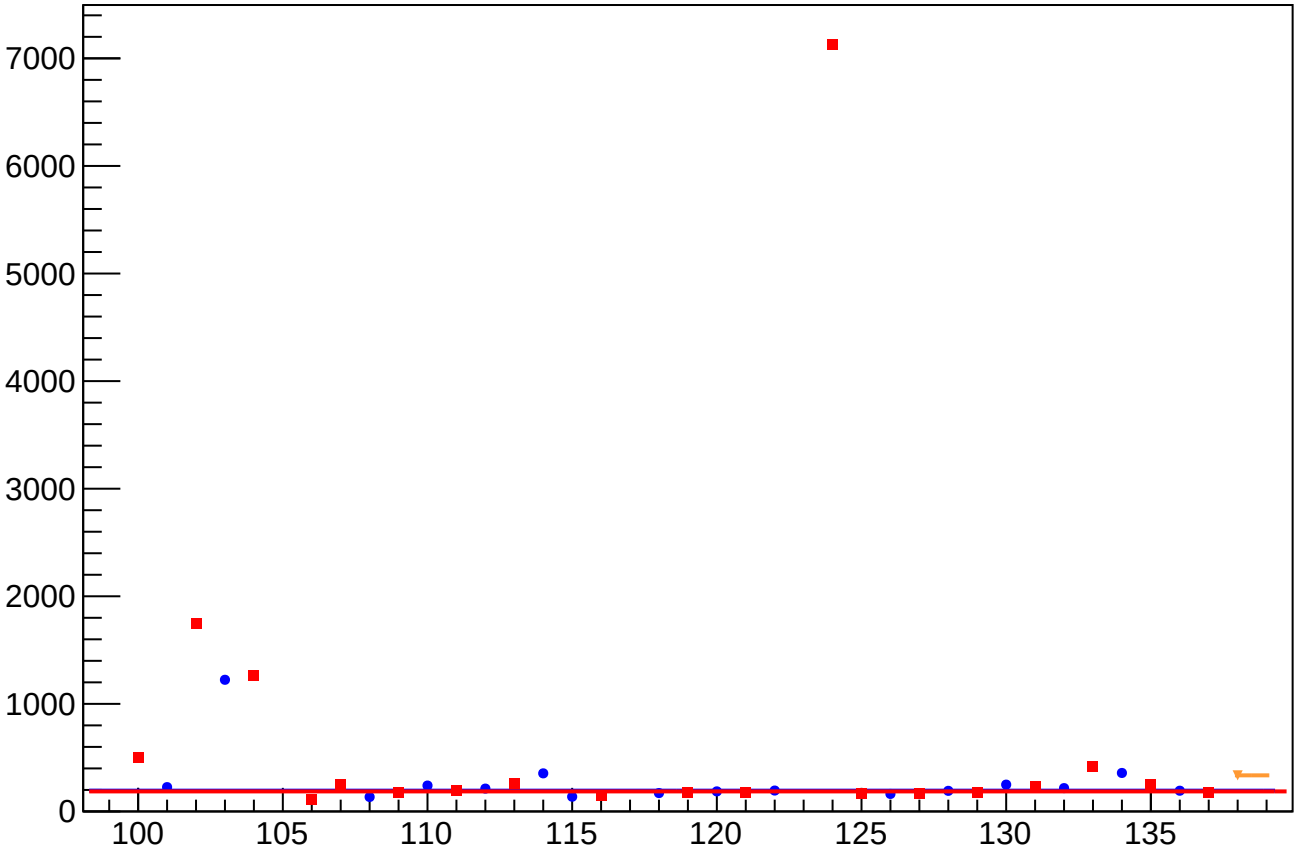
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.023+/-0.076 χ^2/NDF: 13.2/16

All: -0.036+/-0.055 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 193.248+/-0.055 χ^2/NDF: 1408397.0/15

Left Out: 335.616+/-0.277 χ^2/NDF:0.0/0

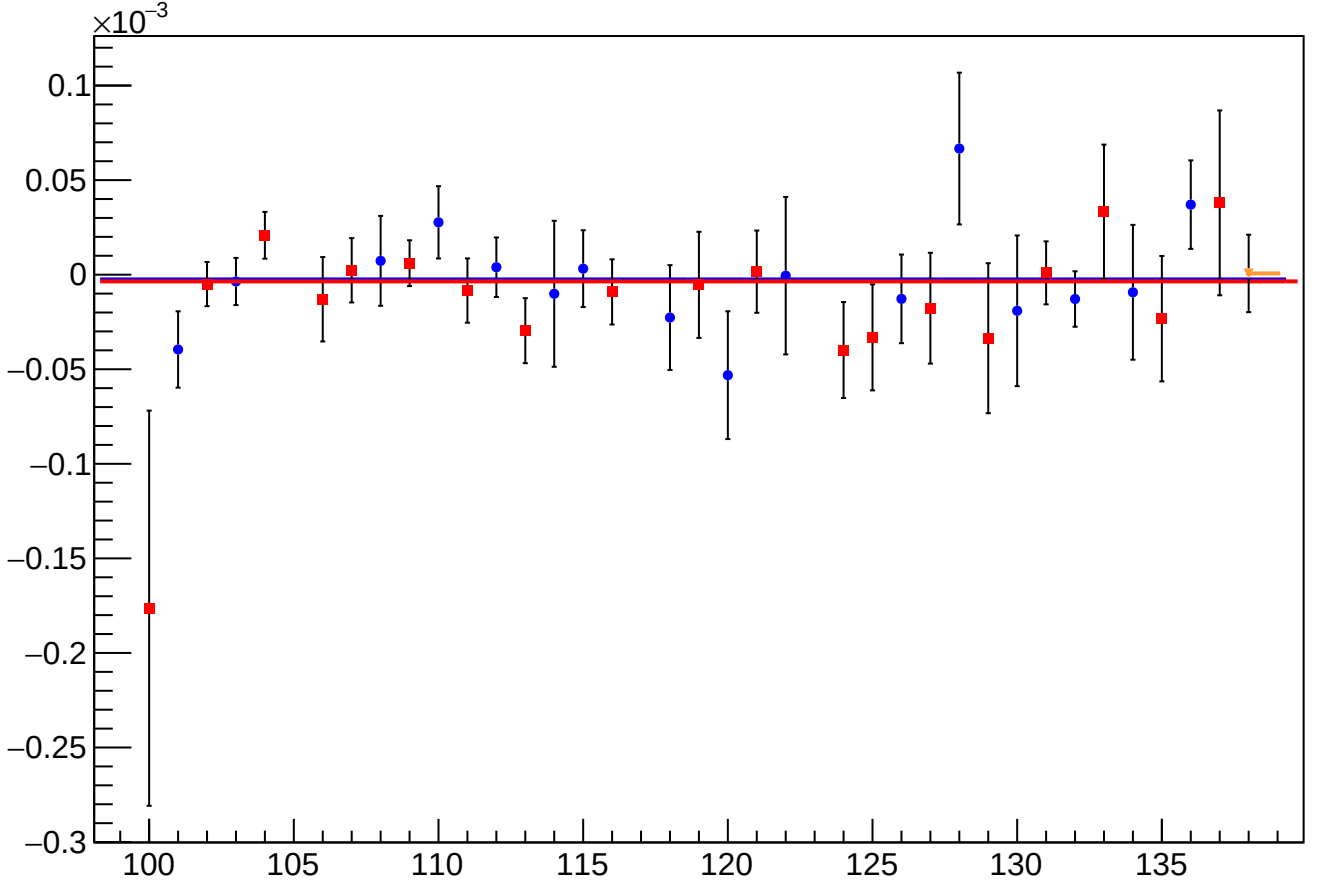
Right Out: 186.379+/-0.056 χ^2/NDF: 2479083.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 198.626+/-0.054 χ^2/NDF: 1661674.1/16

All: 192.701+/-0.039 χ^2/NDF: 4165706.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

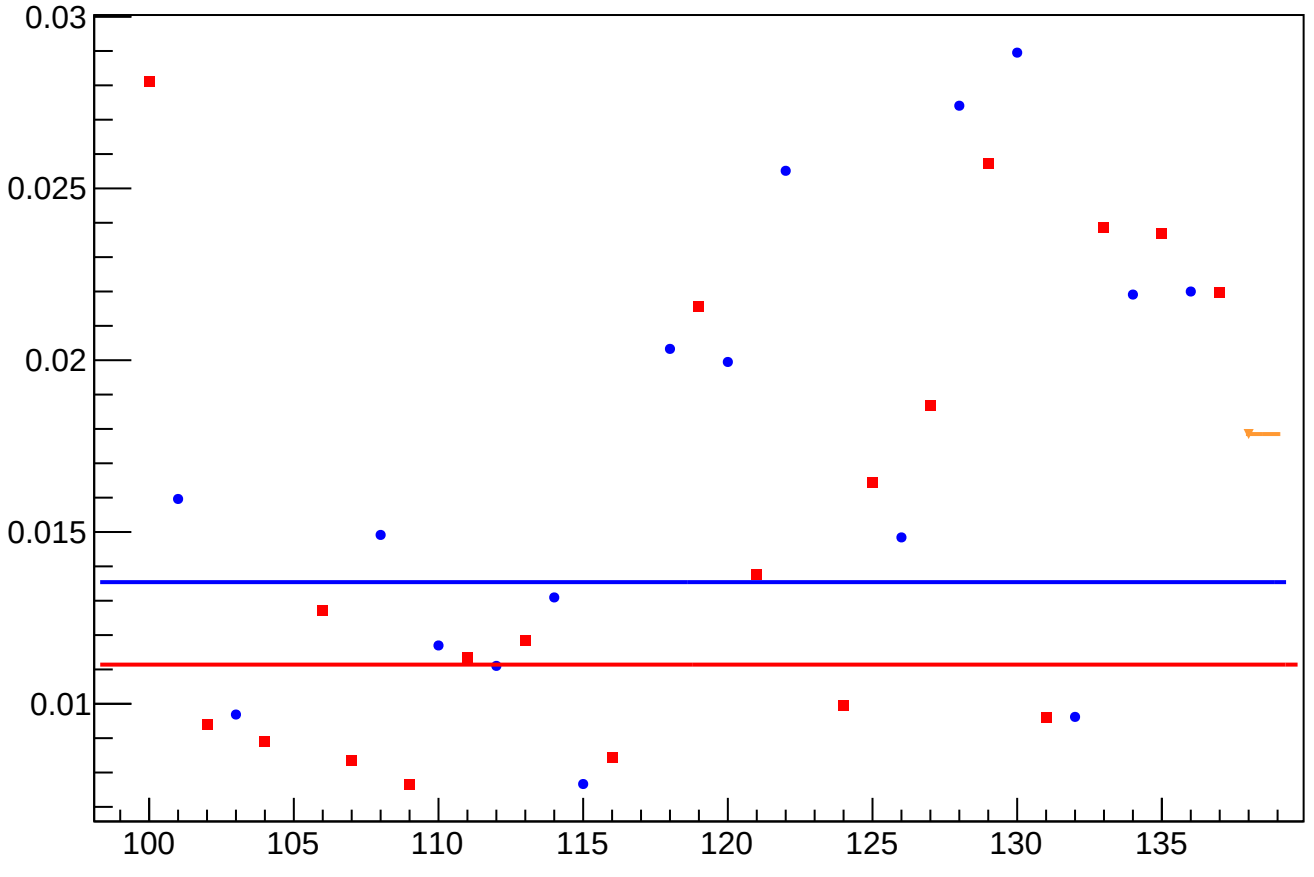
Right Out: -0.000+/-0.000 χ^2/NDF: 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.9/16

All: -0.000+/-0.000 χ^2/NDF: 32.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.000 χ^2/NDF: 1877615.1/15

Left Out: 0.018+/-0.000 χ^2/NDF:0.0/0

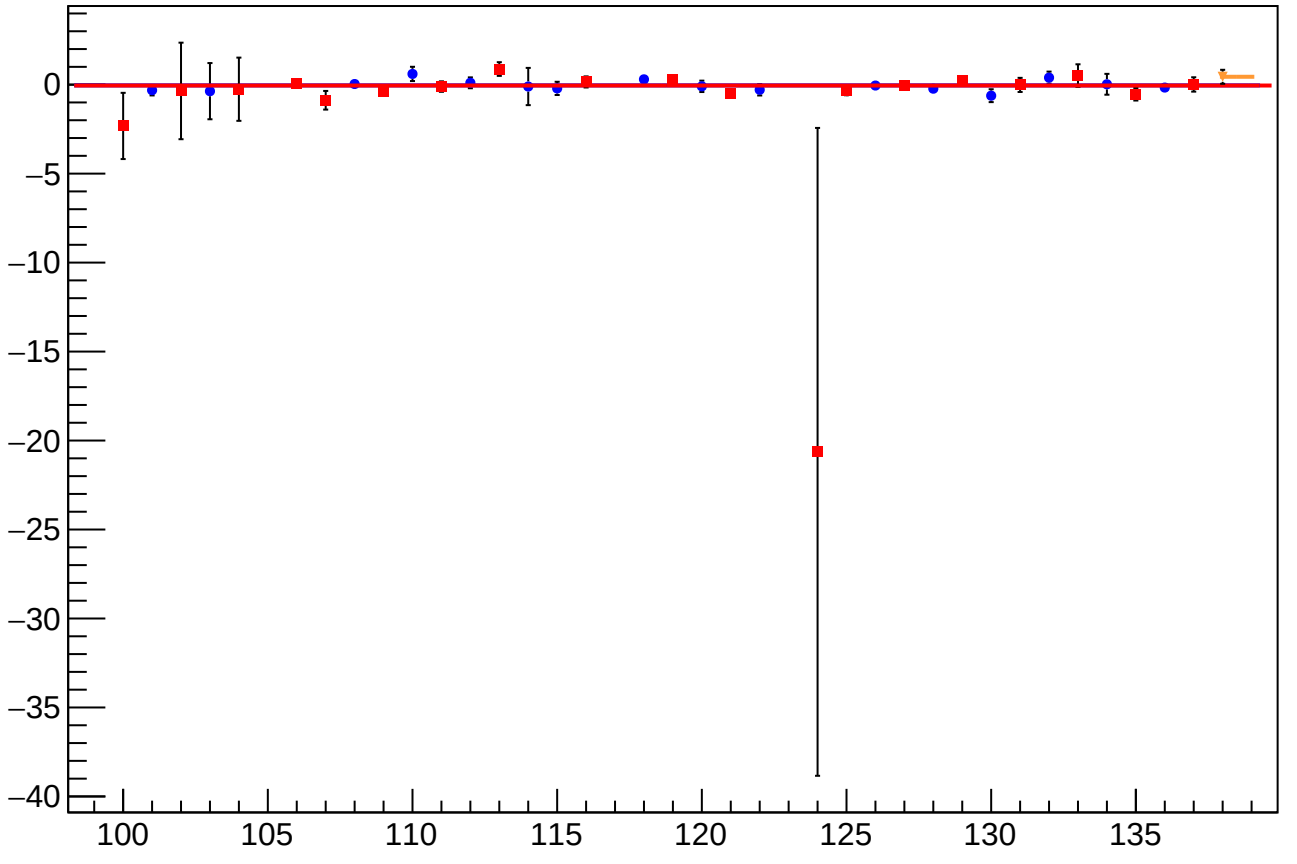
Right Out: 0.011+/-0.000 χ^2/NDF: 1887740.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.000 χ^2/NDF: 1960390.2/16

All: 0.012+/-0.000 χ^2/NDF: 4150706.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.041+/-0.078 χ^2/NDF: 11.7/15

Left Out: 0.442+/-0.392 χ^2/NDF:0.0/0

Right Out: -0.049+/-0.079 χ^2/NDF: 23.0/18

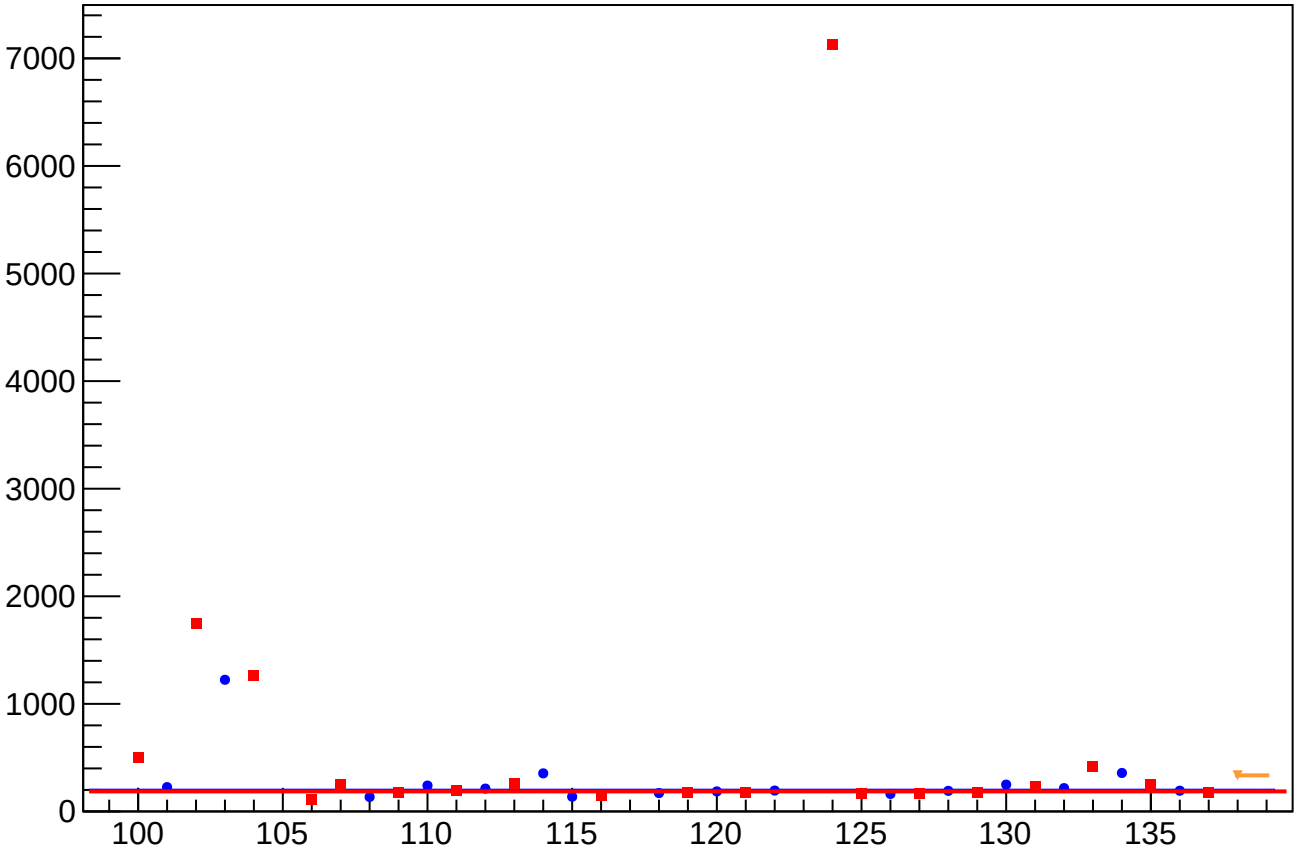
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.023+/-0.076 χ^2/NDF: 13.2/16

All: -0.036+/-0.055 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 193.247+/-0.055 χ^2/NDF: 1408390.6/15

Left Out: 335.621+/-0.277 χ^2/NDF:0.0/0

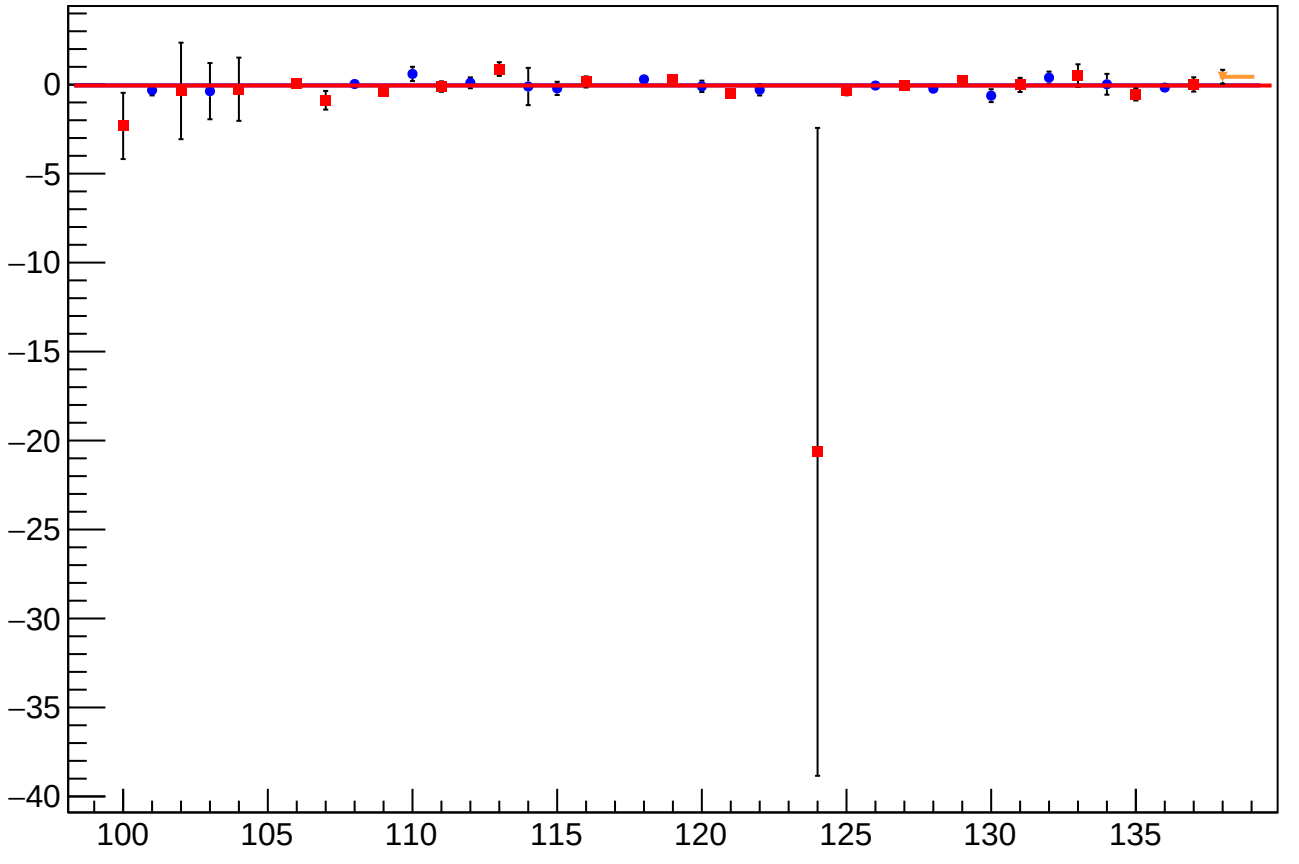
Right Out: 186.376+/-0.056 χ^2/NDF: 2479113.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 198.625+/-0.054 χ^2/NDF: 1661684.4/16

All: 192.700+/-0.039 χ^2/NDF: 4165749.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.041+/-0.078 χ^2/NDF: 11.7/15

Left Out: 0.442+/-0.392 χ^2/NDF:0.0/0

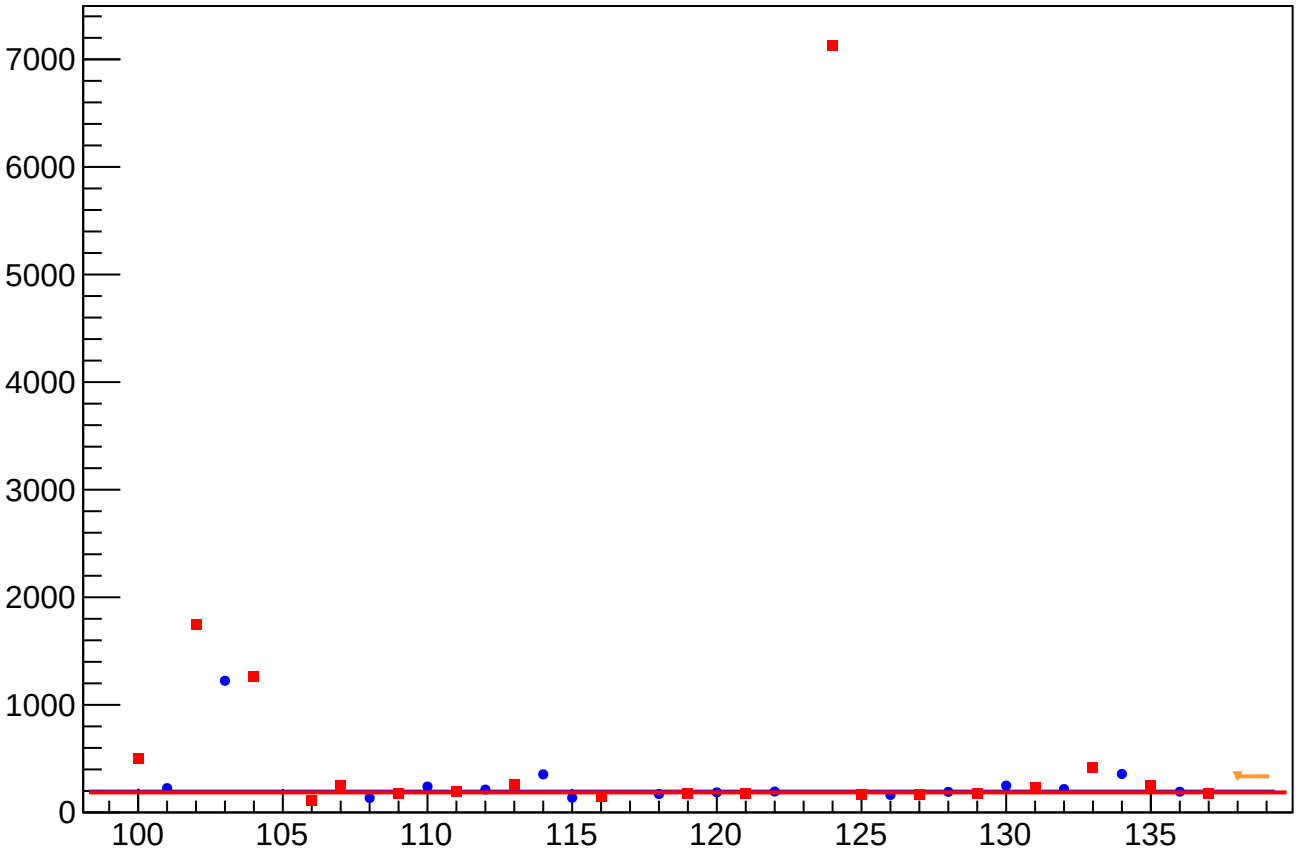
Right Out: -0.049+/-0.079 χ^2/NDF: 23.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.023+/-0.076 χ^2/NDF: 13.2/16

All: -0.036+/-0.055 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 193.247+/-0.055 χ^2/NDF: 1408390.6/15

Left Out: 335.621+/-0.277 χ^2/NDF:0.0/0

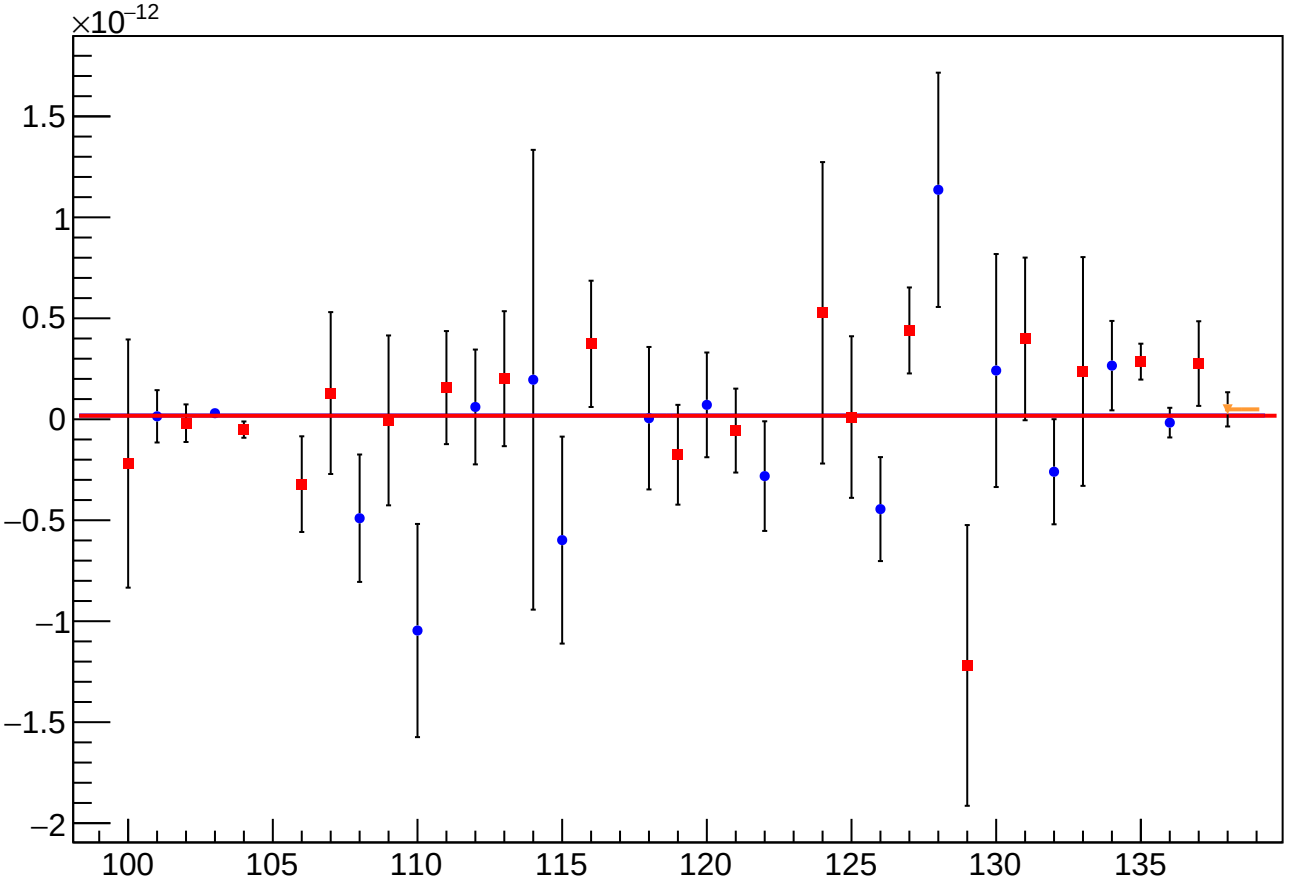
Right Out: 186.376+/-0.056 χ^2/NDF: 2479113.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 198.625+/-0.054 χ^2/NDF: 1661684.4/16

All: 192.700+/-0.039 χ^2/NDF: 4165749.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

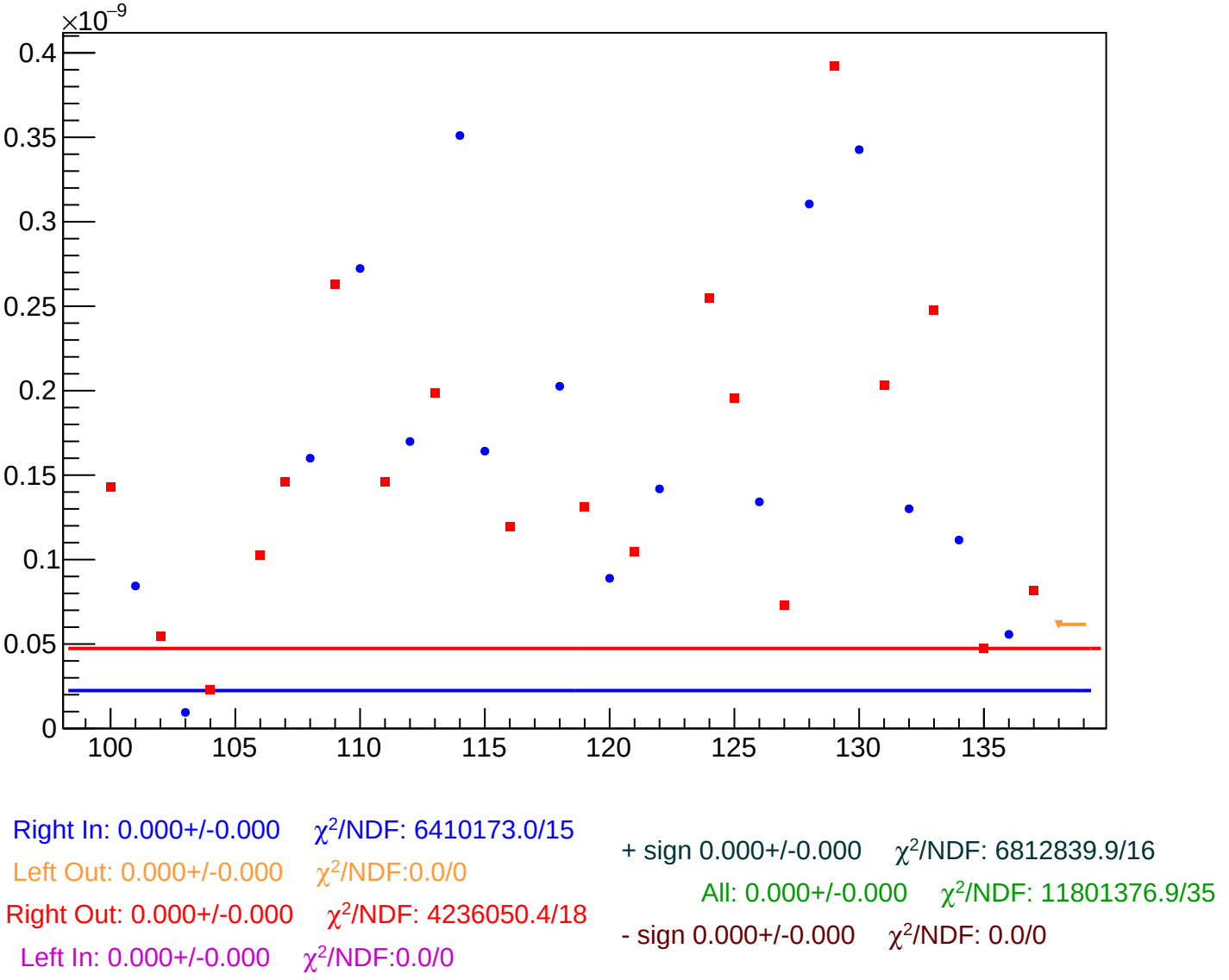
Right Out: 0.000+/-0.000 χ^2/NDF: 27.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

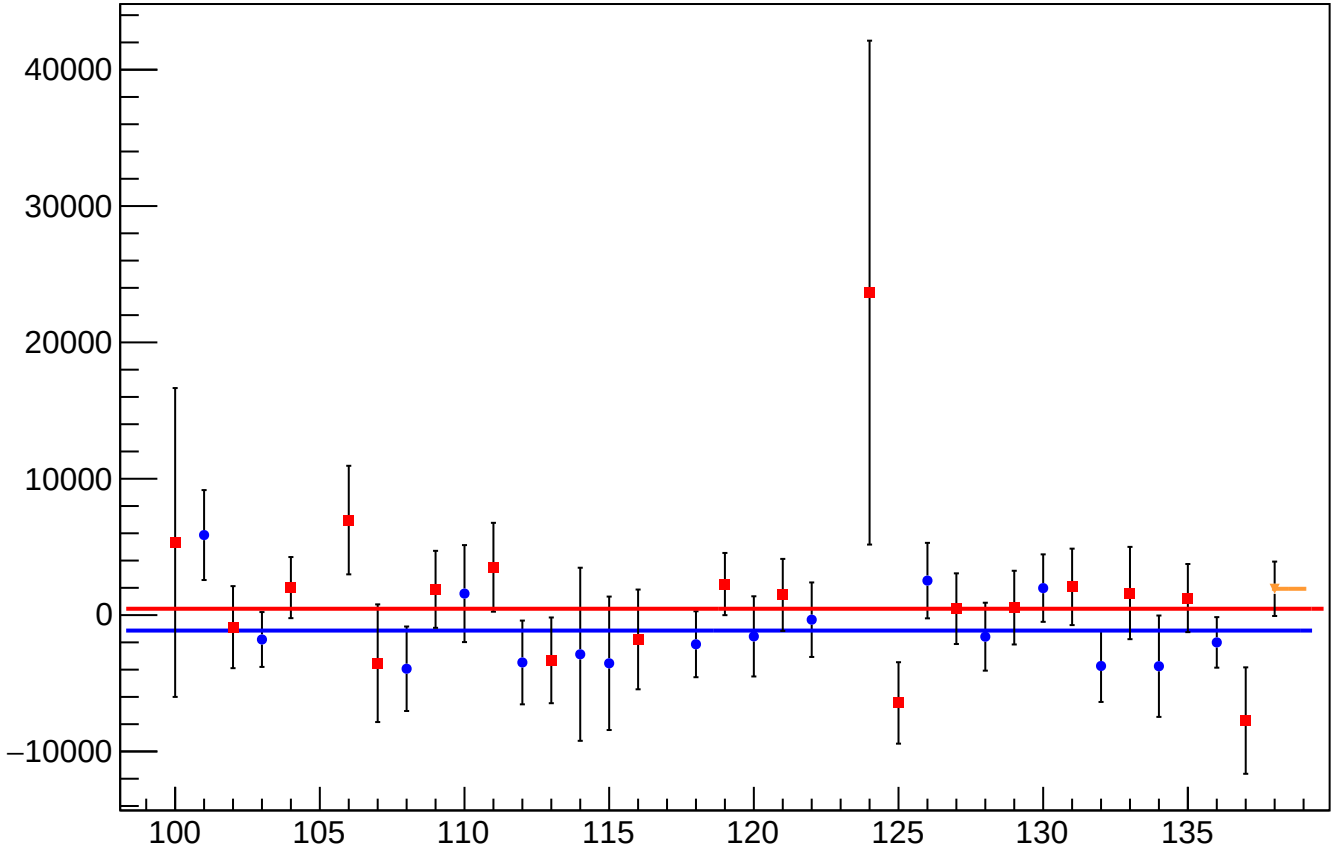
+ sign 0.000+/-0.000 χ^2/NDF: 19.5/16

All: 0.000+/-0.000 χ^2/NDF: 46.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 6410173.0/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 4236050.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 6812839.9/16
All: 0.000+/-0.000 χ²/NDF: 11801376.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -1134.630+/-693.782 χ^2/NDF: 12.2/15

Left Out: 1929.886+/-1994.753 χ^2/NDF:0.0/0

Right Out: 465.519+/-705.926 χ^2/NDF: 20.0/18

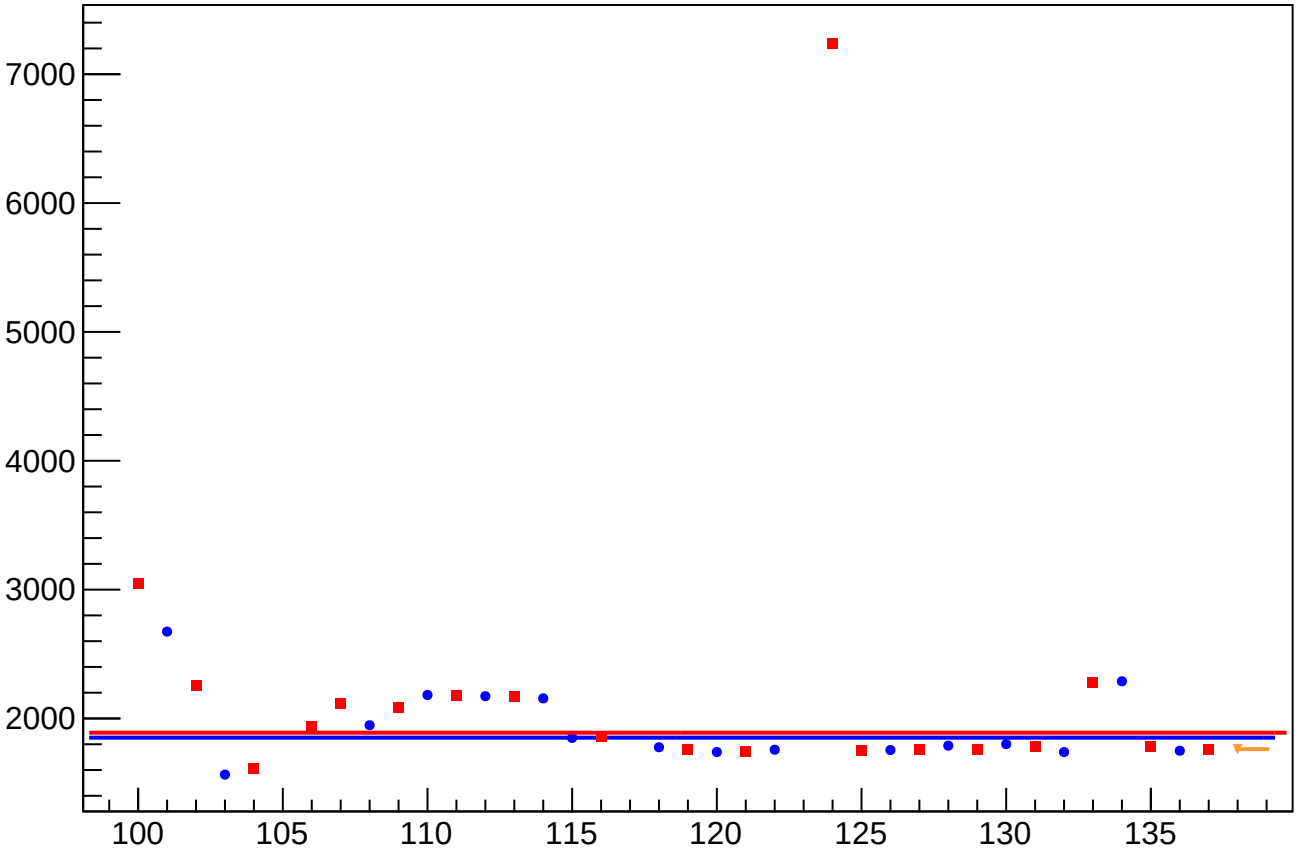
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -803.928+/-655.279 χ^2/NDF: 14.3/16

All: -216.372+/-480.260 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1851.130+/-0.491 χ^2/NDF: 259981.6/15

Left Out: 1762.174+/-1.411 χ^2/NDF:0.0/0

Right Out: 1889.528+/-0.498 χ^2/NDF: 358902.6/18

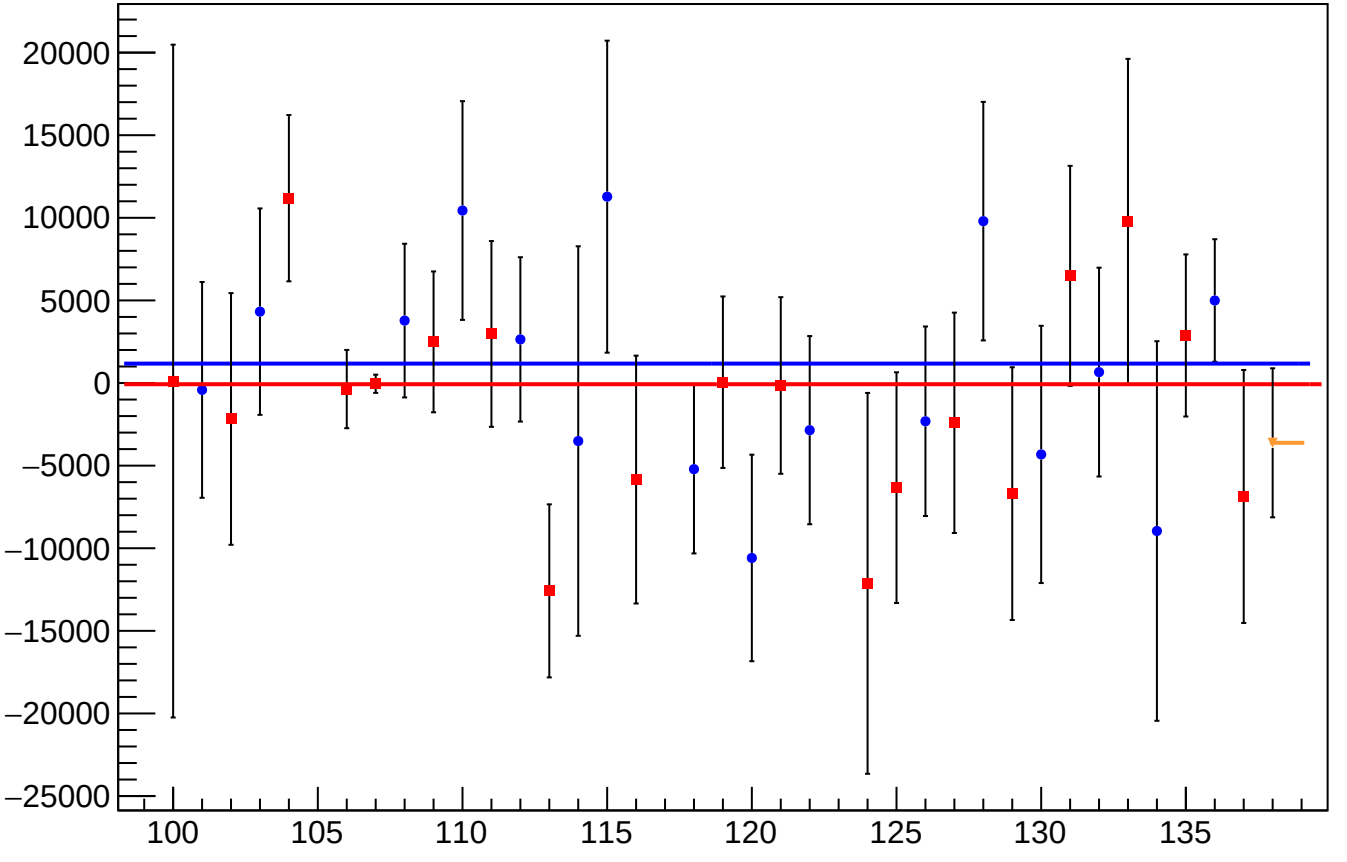
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1841.531+/-0.463 χ^2/NDF: 263529.8/16

All: 1863.801+/-0.339 χ^2/NDF: 627411.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 1175.430+/-1502.128 χ^2/NDF: 13.7/15

Left Out: -3618.633+/-4510.423 χ^2/NDF:0.0/0

Right Out: -72.681+/-505.693 χ^2/NDF: 17.9/18

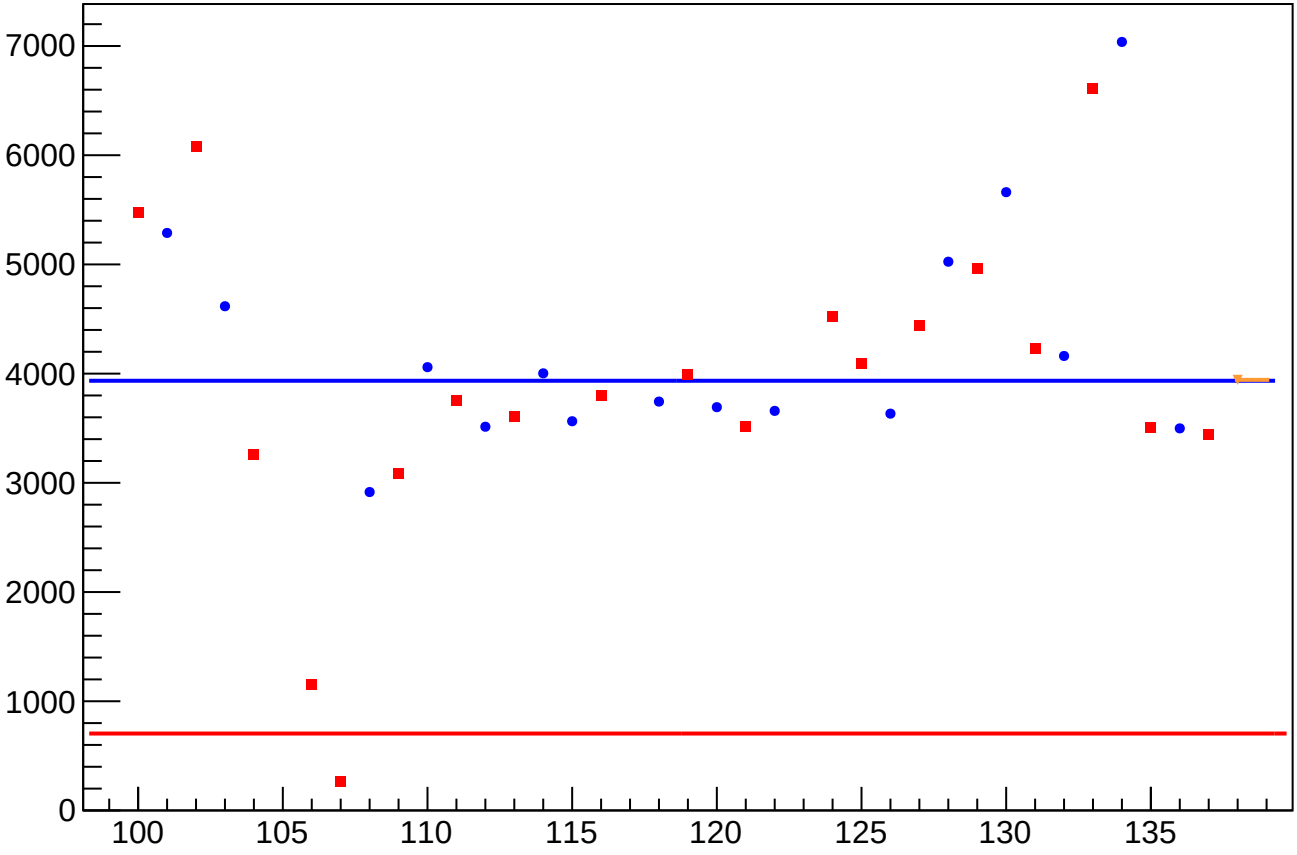
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 696.796+/-1425.172 χ^2/NDF: 14.7/16

All: 13.365+/-476.581 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3934.718+/-1.062 χ^2/NDF: 560125.6/15

Left Out: 3942.963+/-3.189 χ^2/NDF:0.0/0

Right Out: 704.385+/-0.358 χ^2/NDF: 10618643.5/18

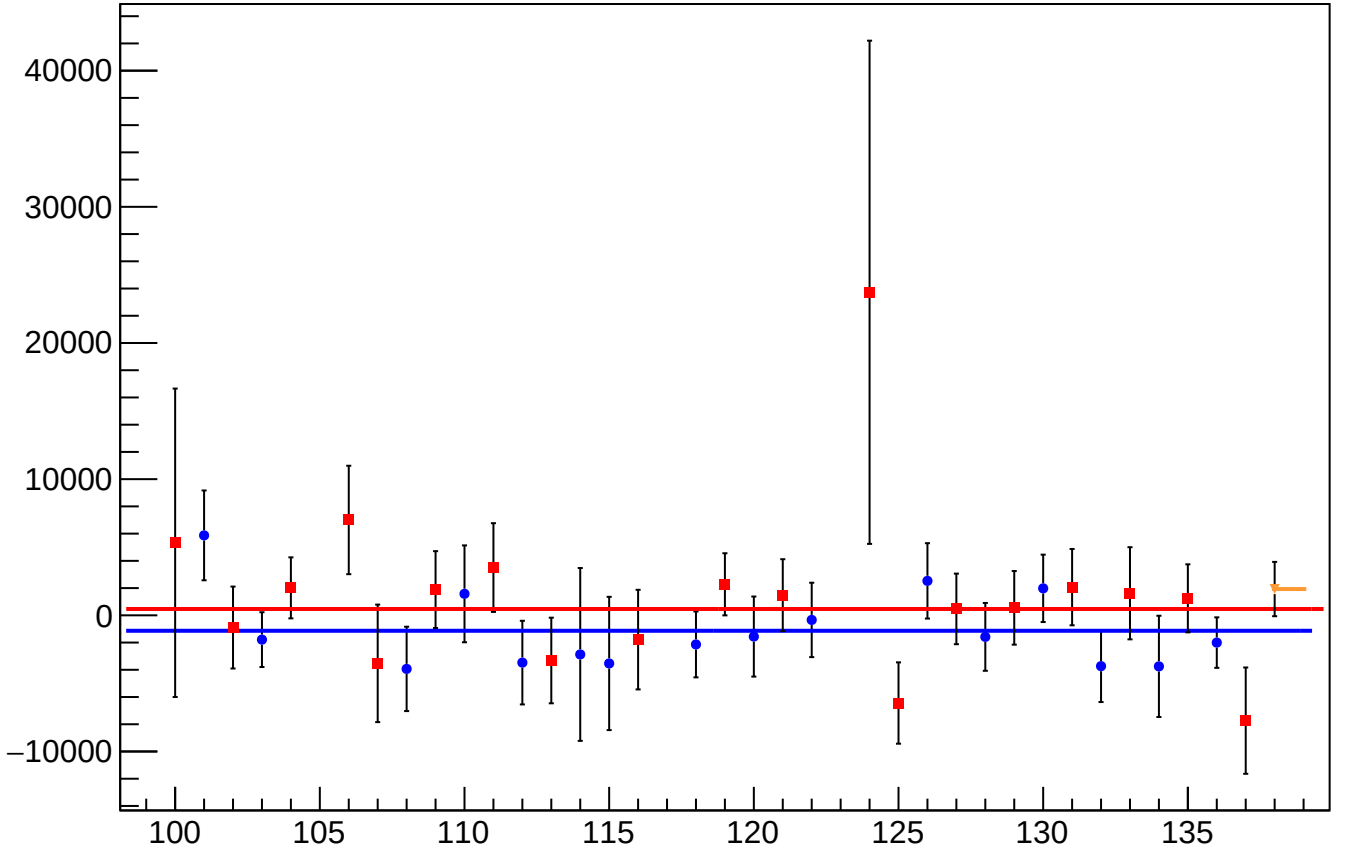
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3935.541+/-1.008 χ^2/NDF: 560131.6/16

All: 1065.709+/-0.337 χ^2/NDF: 20309602.3/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



Right In: -1134.203+/-693.782 χ^2/NDF: 12.2/15

Left Out: 1929.837+/-1994.753 χ^2/NDF:0.0/0

Right Out: 465.899+/-705.928 χ^2/NDF: 20.0/18

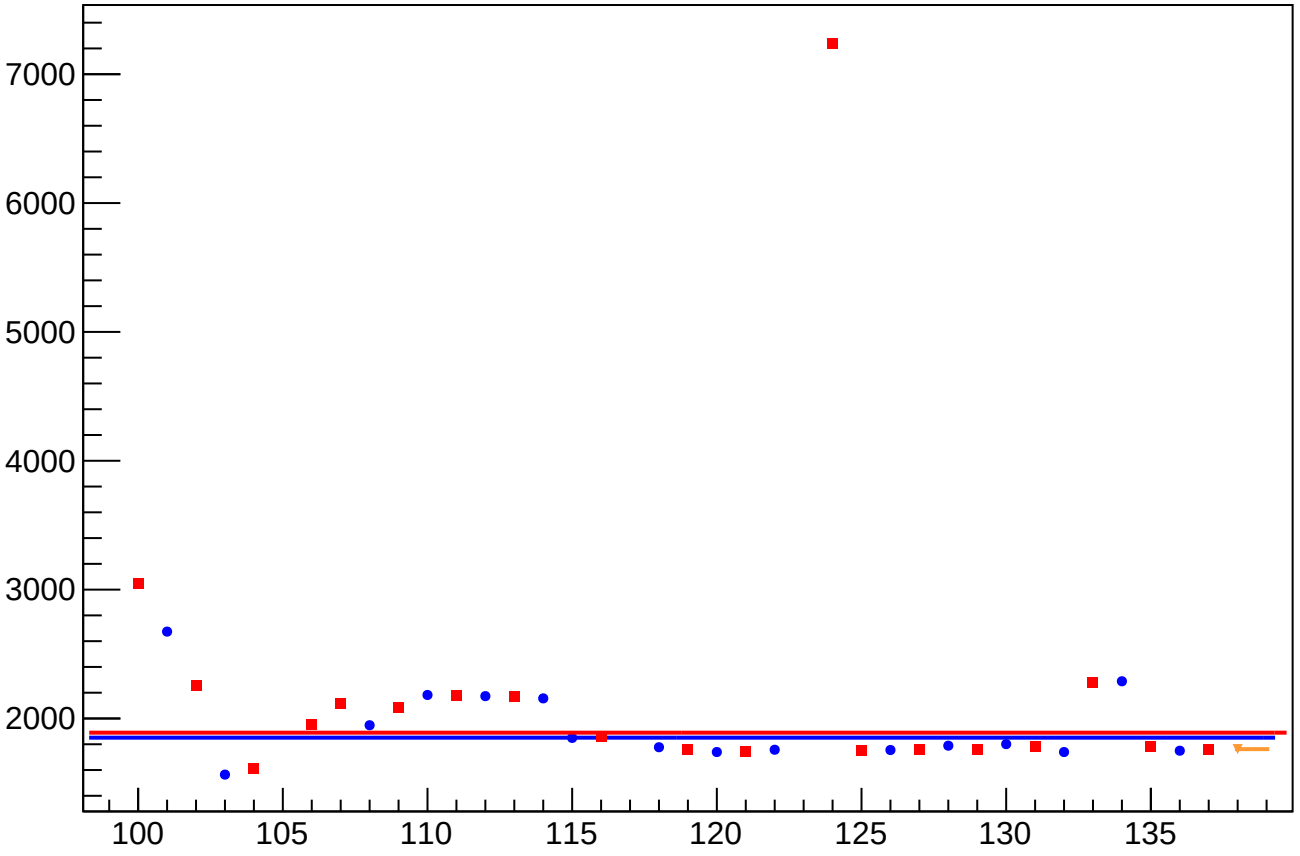
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -803.552+/-655.279 χ^2/NDF: 14.3/16

All: -215.996+/-480.261 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1851.131+/-0.491 χ^2/NDF: 259980.7/15

Left Out: 1762.174+/-1.411 χ^2/NDF:0.0/0

Right Out: 1889.986+/-0.498 χ^2/NDF: 359122.3/18

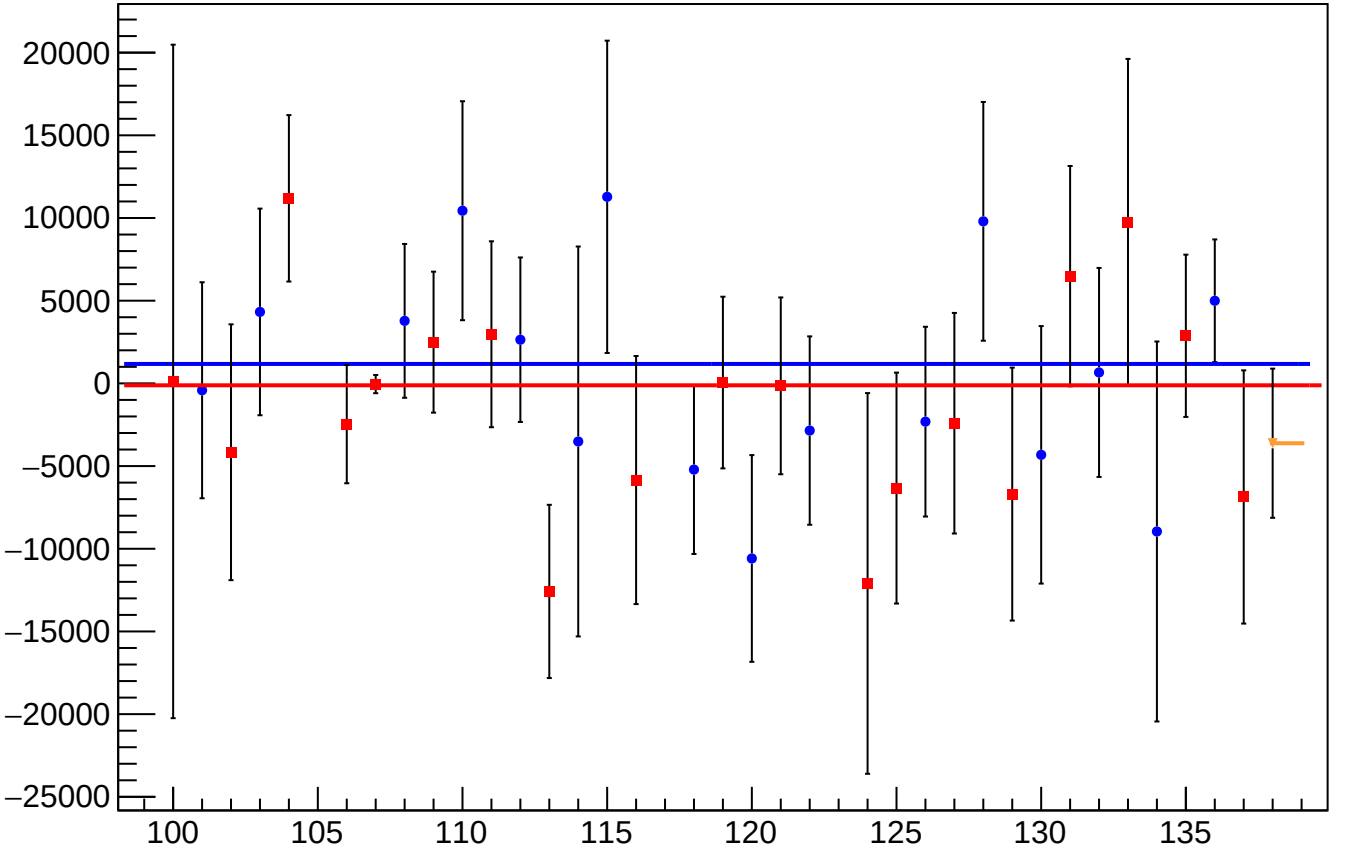
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1841.531+/-0.463 χ^2/NDF: 263529.0/16

All: 1864.009+/-0.339 χ^2/NDF: 627724.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 1175.408+/-1502.134 χ^2/NDF: 13.7/15

Left Out: -3618.601+/-4510.408 χ^2/NDF:0.0/0

Right Out: -115.917+/-512.289 χ^2/NDF: 18.6/18

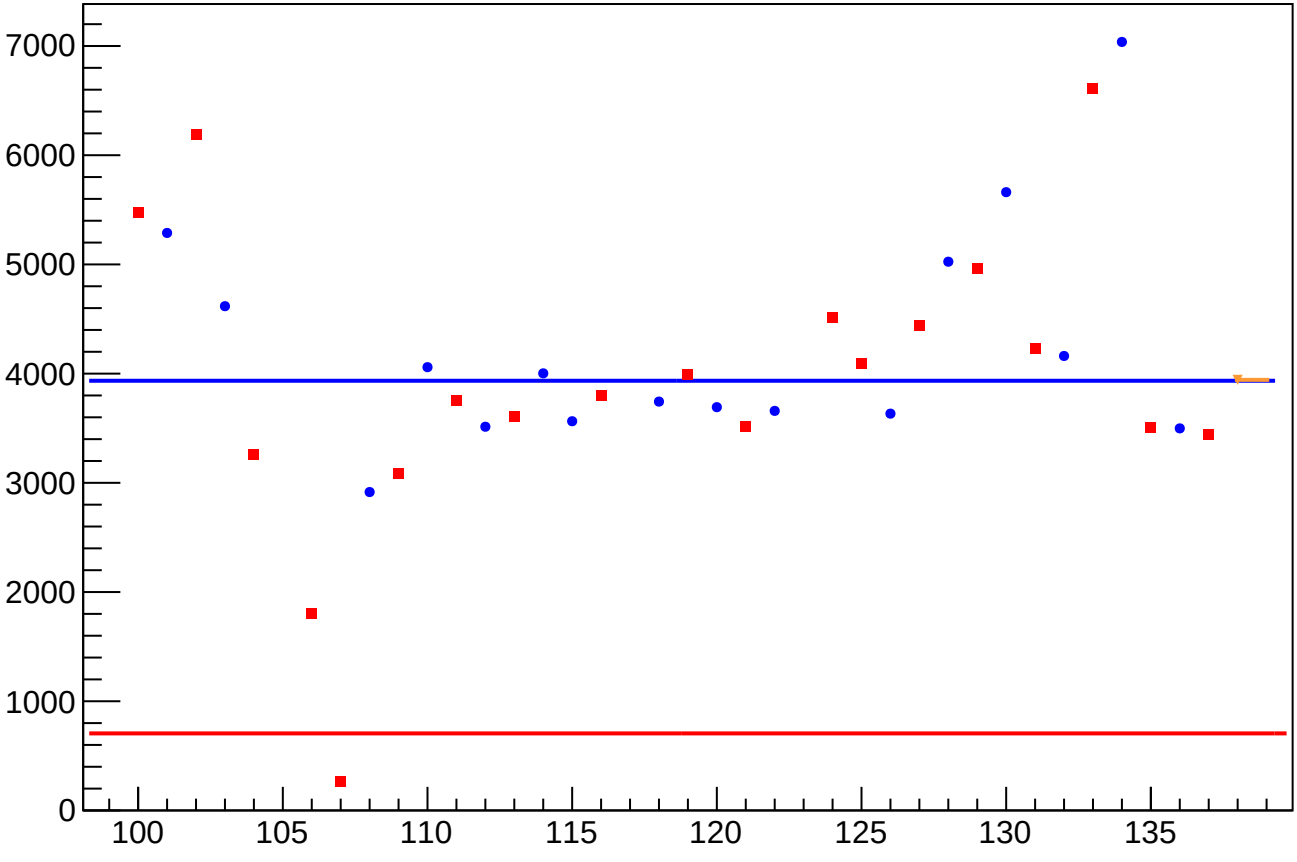
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 696.773+/-1425.176 χ^2/NDF: 14.7/16

All: -22.925+/-482.090 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 3934.727+/-1.062 χ^2/NDF: 560149.8/15

Left Out: 3942.948+/-3.189 χ^2/NDF:0.0/0

Right Out: 705.620+/-0.362 χ^2/NDF: 10747208.1/18

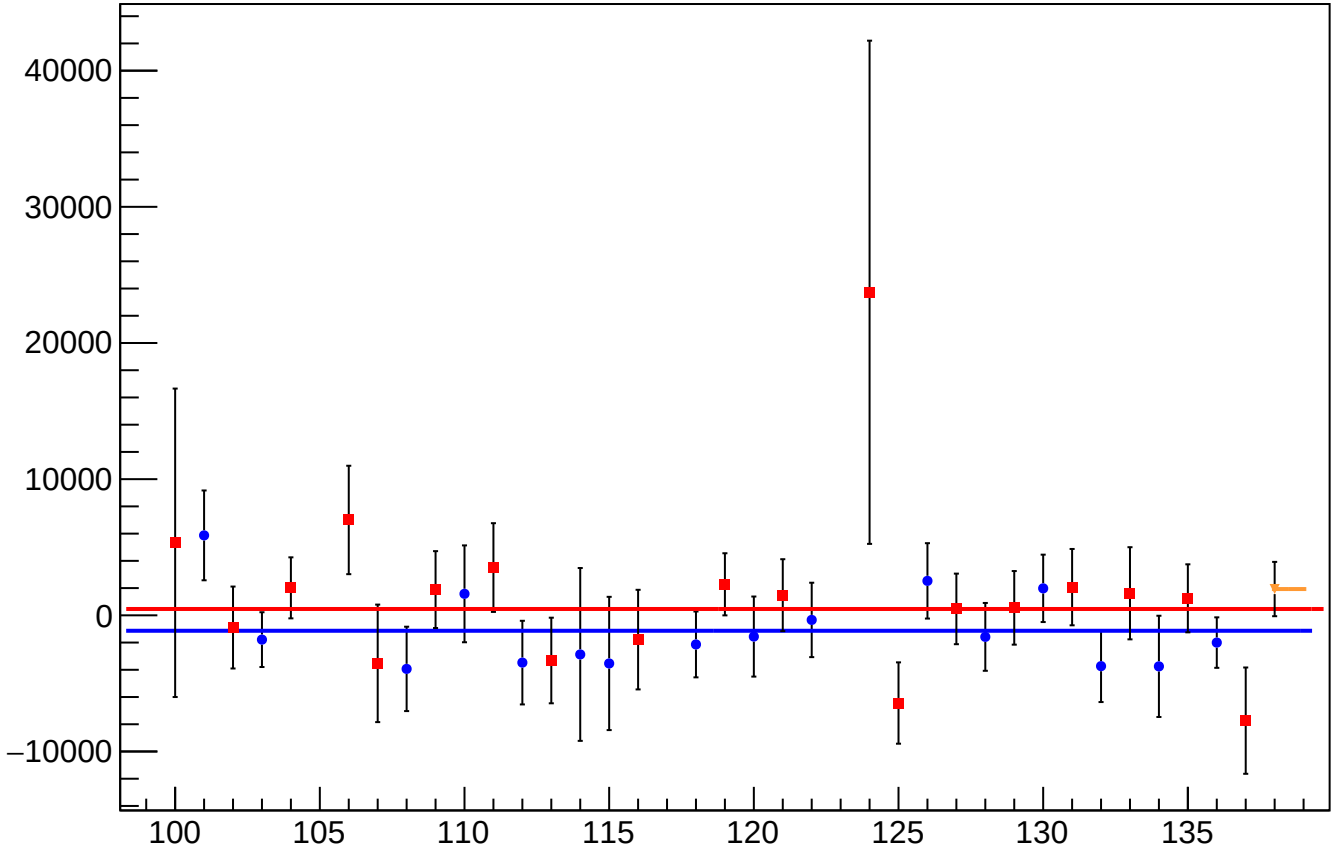
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 3935.548+/-1.008 χ^2/NDF: 560155.8/16

All: 1075.203+/-0.341 χ^2/NDF: 20404489.0/3

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -1134.203+/-693.782 χ^2/NDF: 12.2/15

Left Out: 1929.837+/-1994.753 χ^2/NDF:0.0/0

Right Out: 465.899+/-705.928 χ^2/NDF: 20.0/18

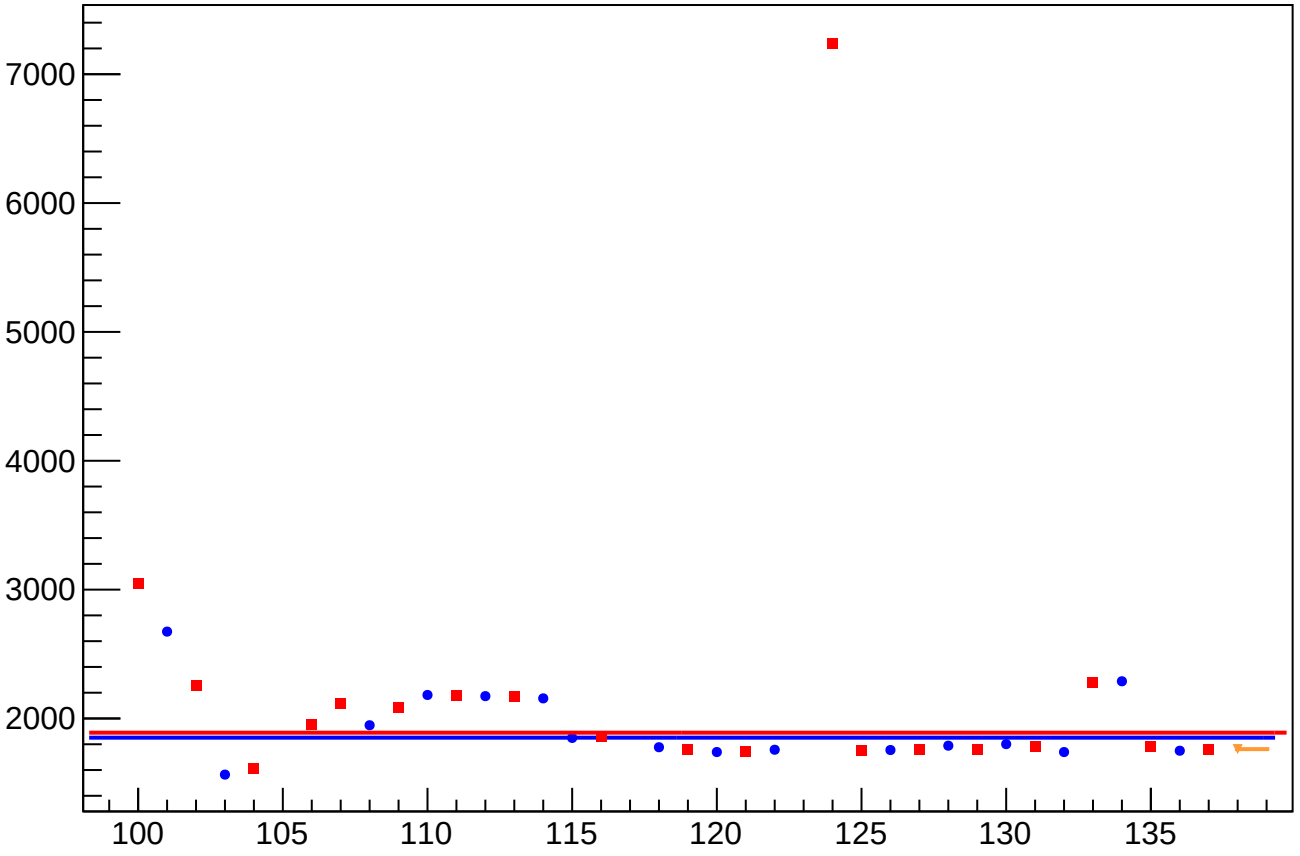
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -803.552+/-655.279 χ^2/NDF: 14.3/16

All: -215.996+/-480.261 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1851.131+/-0.491 χ^2/NDF: 259980.7/15

Left Out: 1762.174+/-1.411 χ^2/NDF:0.0/0

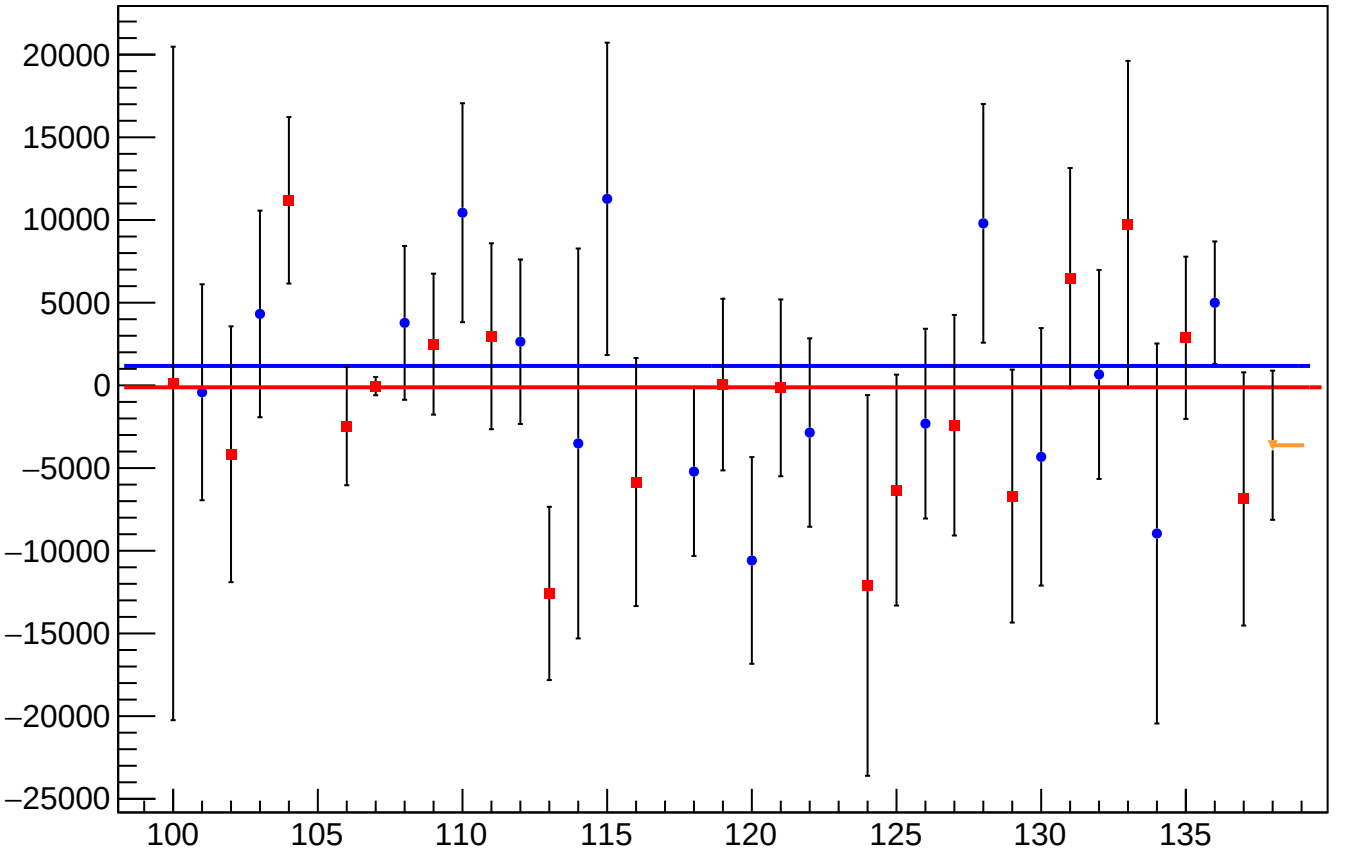
Right Out: 1889.986+/-0.498 χ^2/NDF: 359122.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1841.531+/-0.463 χ^2/NDF: 263529.0/16

All: 1864.009+/-0.339 χ^2/NDF: 627724.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1175.408+/-1502.134 χ^2/NDF: 13.7/15

Left Out: -3618.601+/-4510.408 χ^2/NDF:0.0/0

Right Out: -115.917+/-512.289 χ^2/NDF: 18.6/18

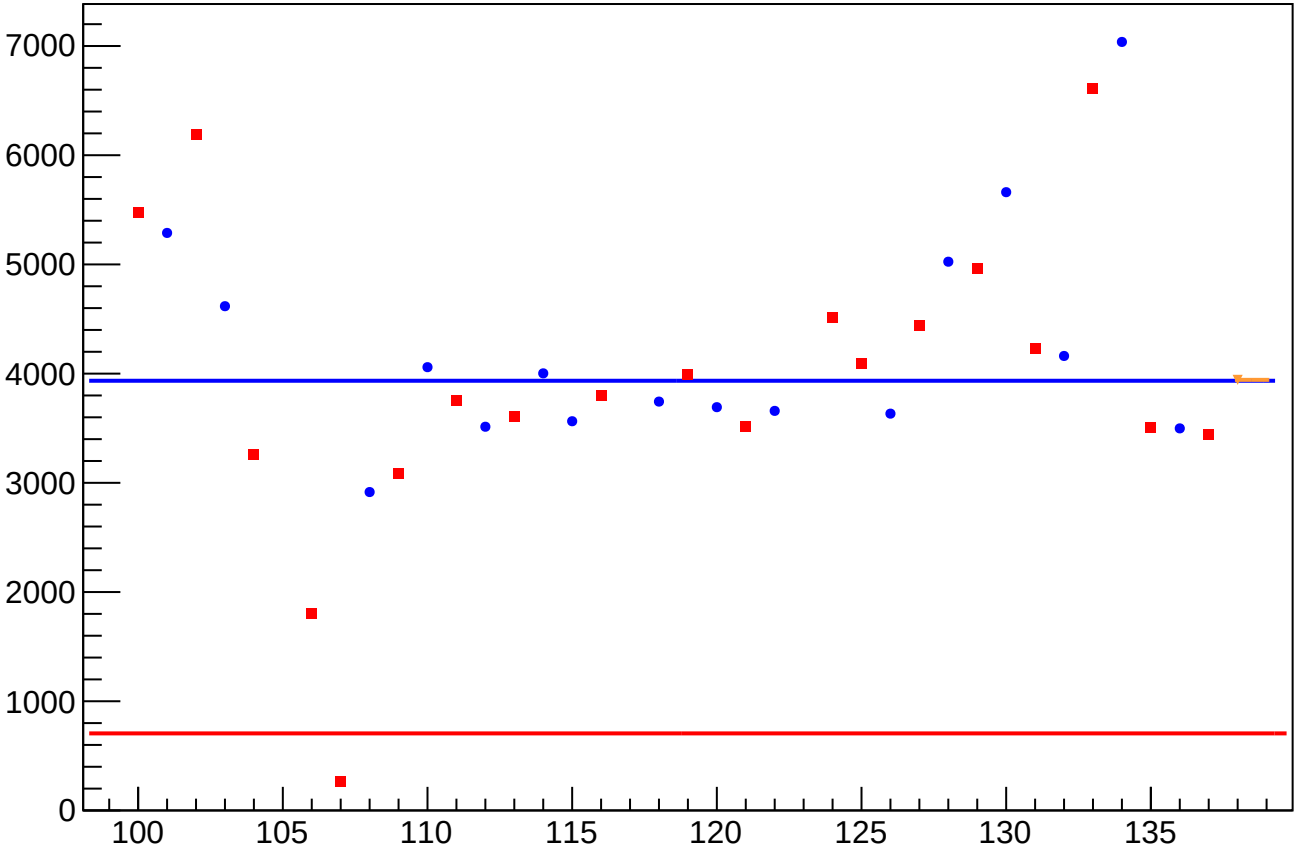
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 696.773+/-1425.176 χ^2/NDF: 14.7/16

All: -22.925+/-482.090 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 3934.727+/-1.062 χ^2/NDF: 560149.8/15

Left Out: 3942.948+/-3.189 χ^2/NDF:0.0/0

Right Out: 705.620+/-0.362 χ^2/NDF: 10747208.1/18

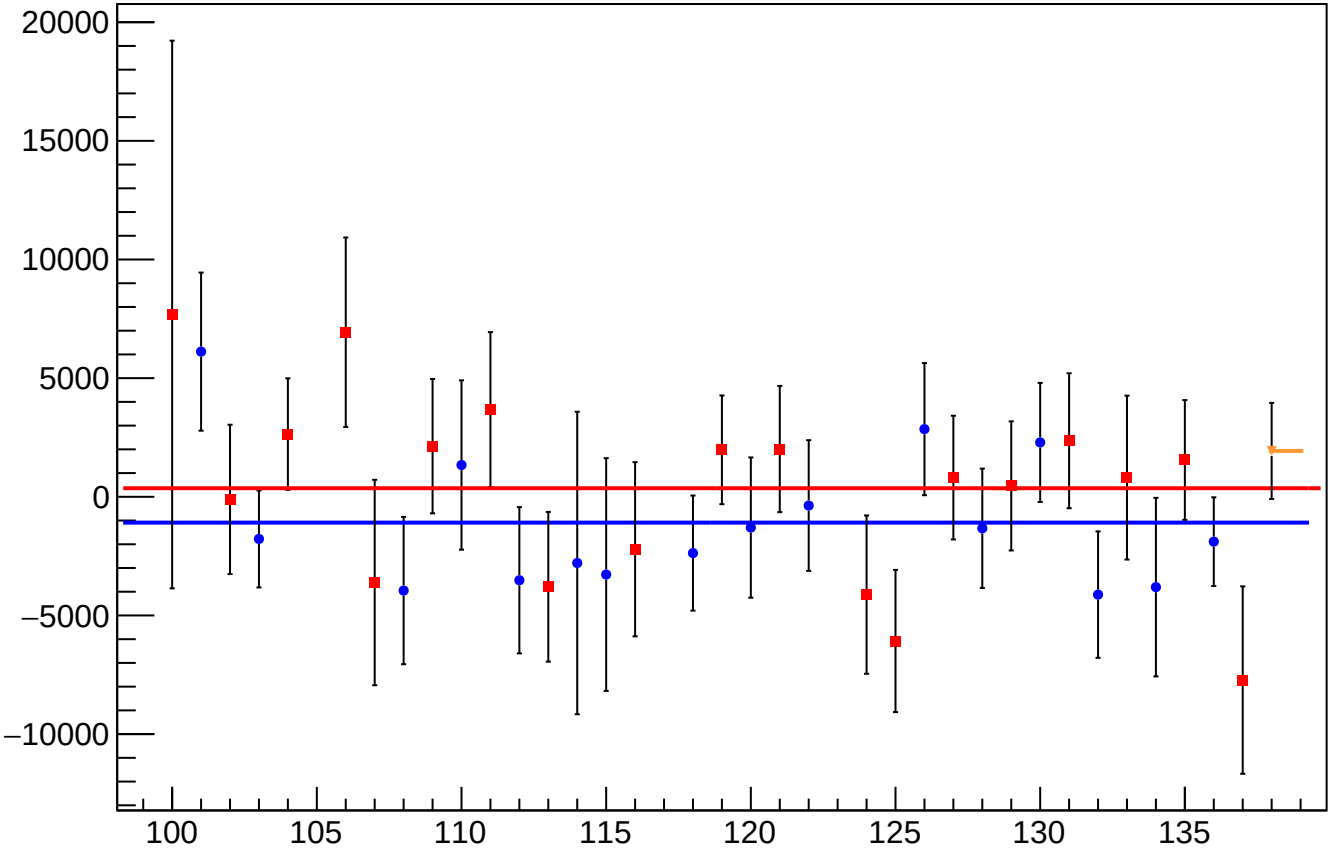
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3935.548+/-1.008 χ^2/NDF: 560155.8/16

All: 1075.203+/-0.341 χ^2/NDF: 20404489.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -1087.731+/-699.579 χ^2/NDF: 13.2/15

Left Out: 1933.278+/-2025.098 χ^2/NDF:0.0/0

Right Out: 361.218+/-699.665 χ^2/NDF: 20.8/18

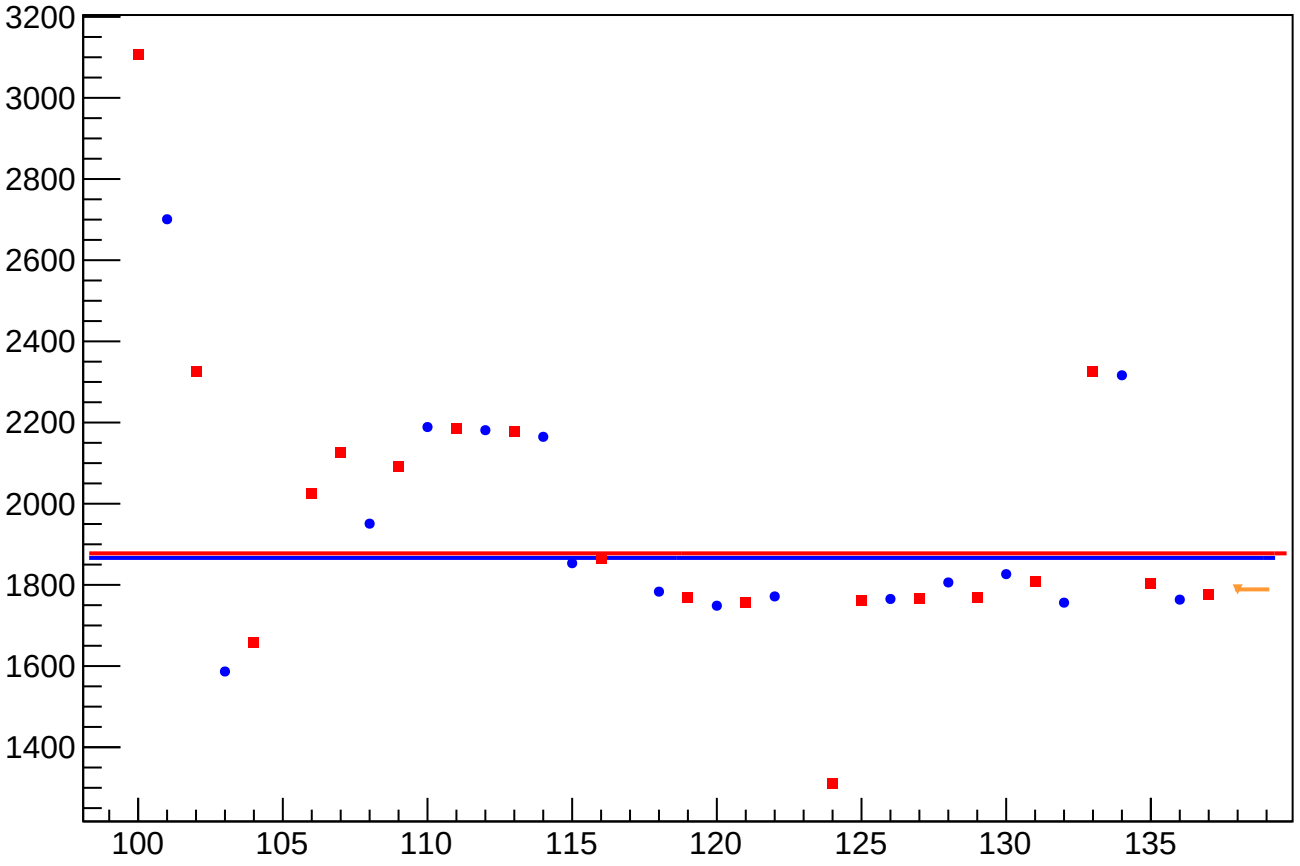
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -765.645+/-661.235 χ^2/NDF: 15.2/16

All: -234.009+/-480.576 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1866.456+/-0.495 χ^2/NDF: 256262.4/15

Left Out: 1788.889+/-1.432 χ^2/NDF:0.0/0

Right Out: 1877.659+/-0.494 χ^2/NDF: 251850.5/18

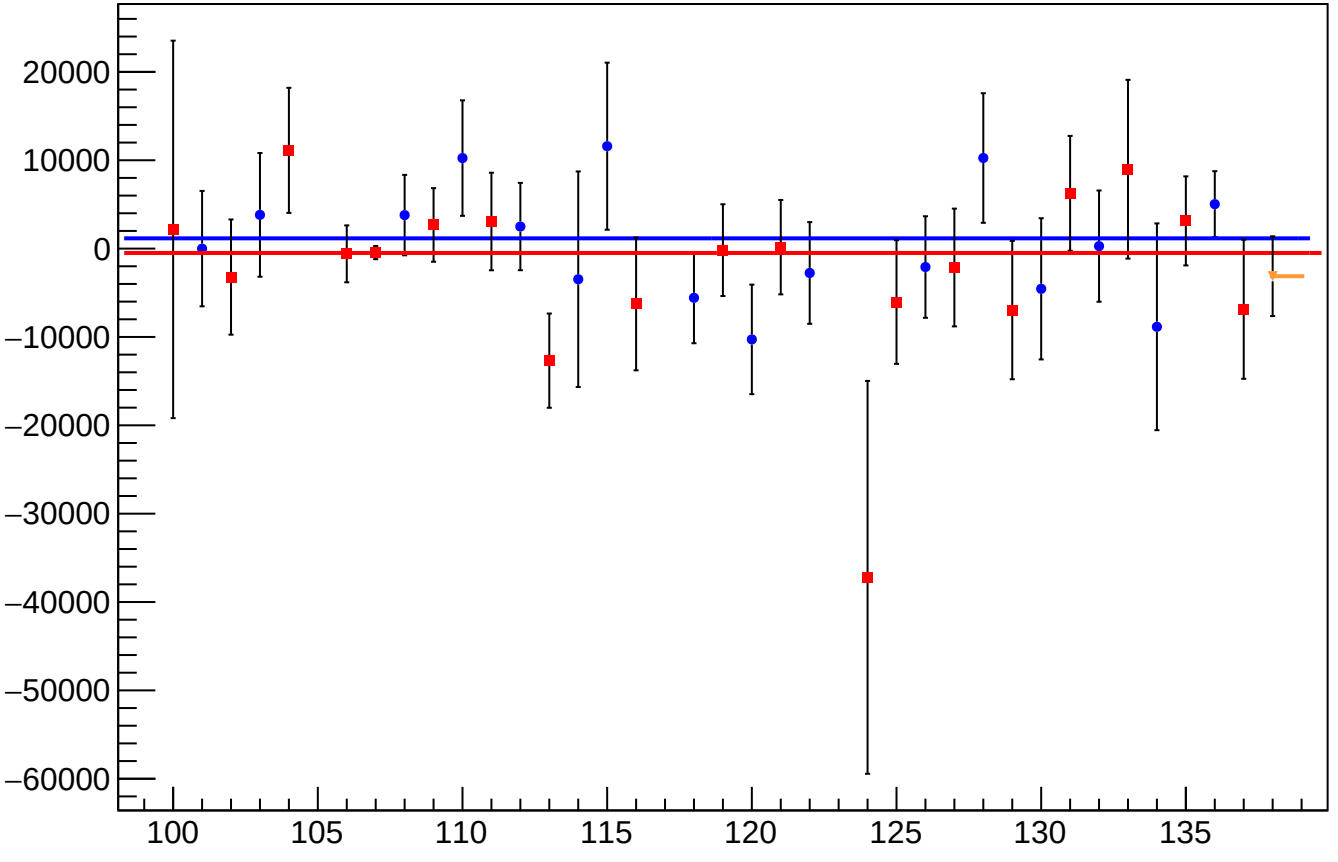
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1858.186+/-0.468 χ^2/NDF: 258883.7/16

All: 1867.381+/-0.340 χ^2/NDF: 511553.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 1161.124+/-1512.225 χ^2/NDF: 13.7/15

Left Out: -3124.051+/-4512.903 χ^2/NDF:0.0/0

Right Out: -492.907+/-658.510 χ^2/NDF: 16.9/18

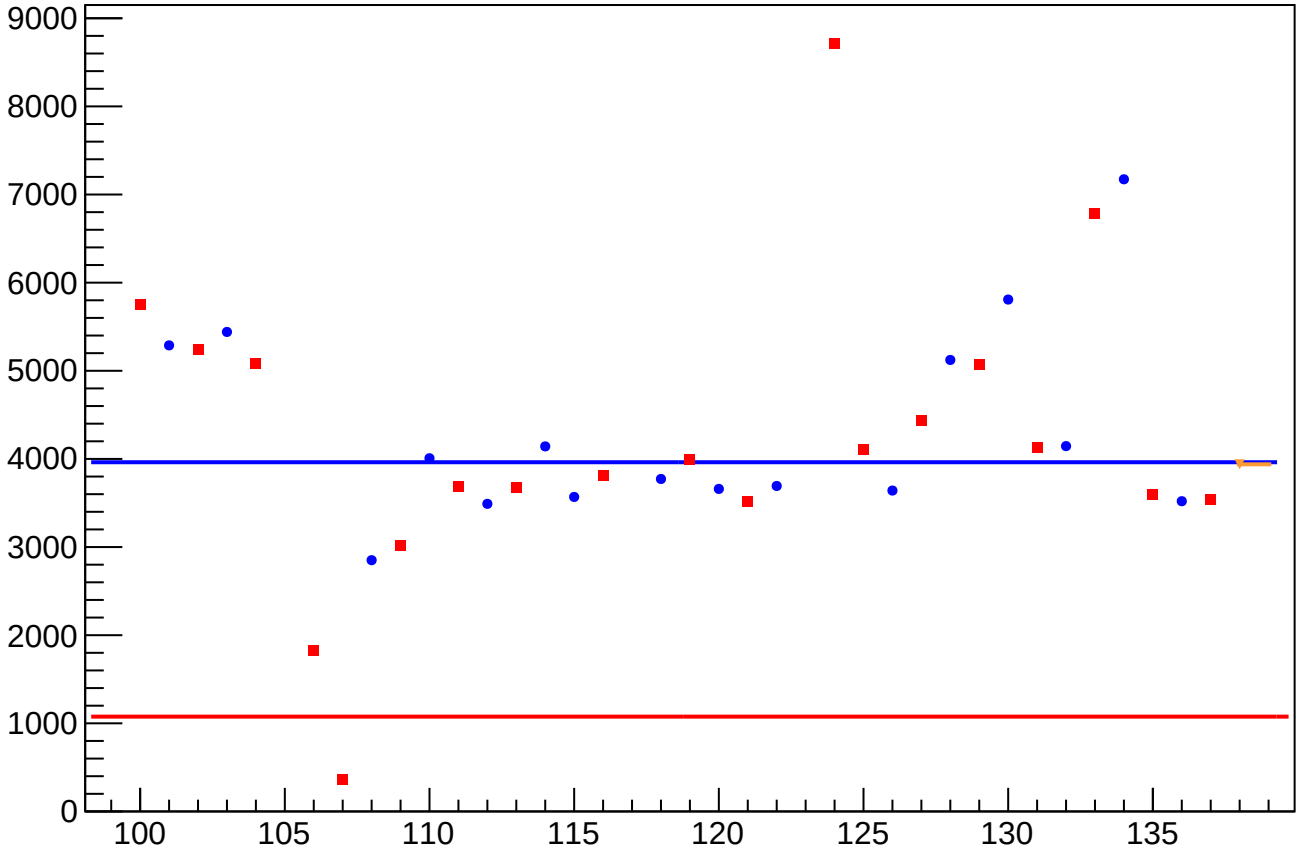
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 728.537+/-1433.865 χ^2/NDF: 14.5/16

All: -280.158+/-598.419 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 3962.368+/-1.069 χ^2/NDF: 668339.6/15

Left Out: 3938.933+/-3.191 χ^2/NDF:0.0/0

Right Out: 1075.957+/-0.466 χ^2/NDF: 9558372.9/18

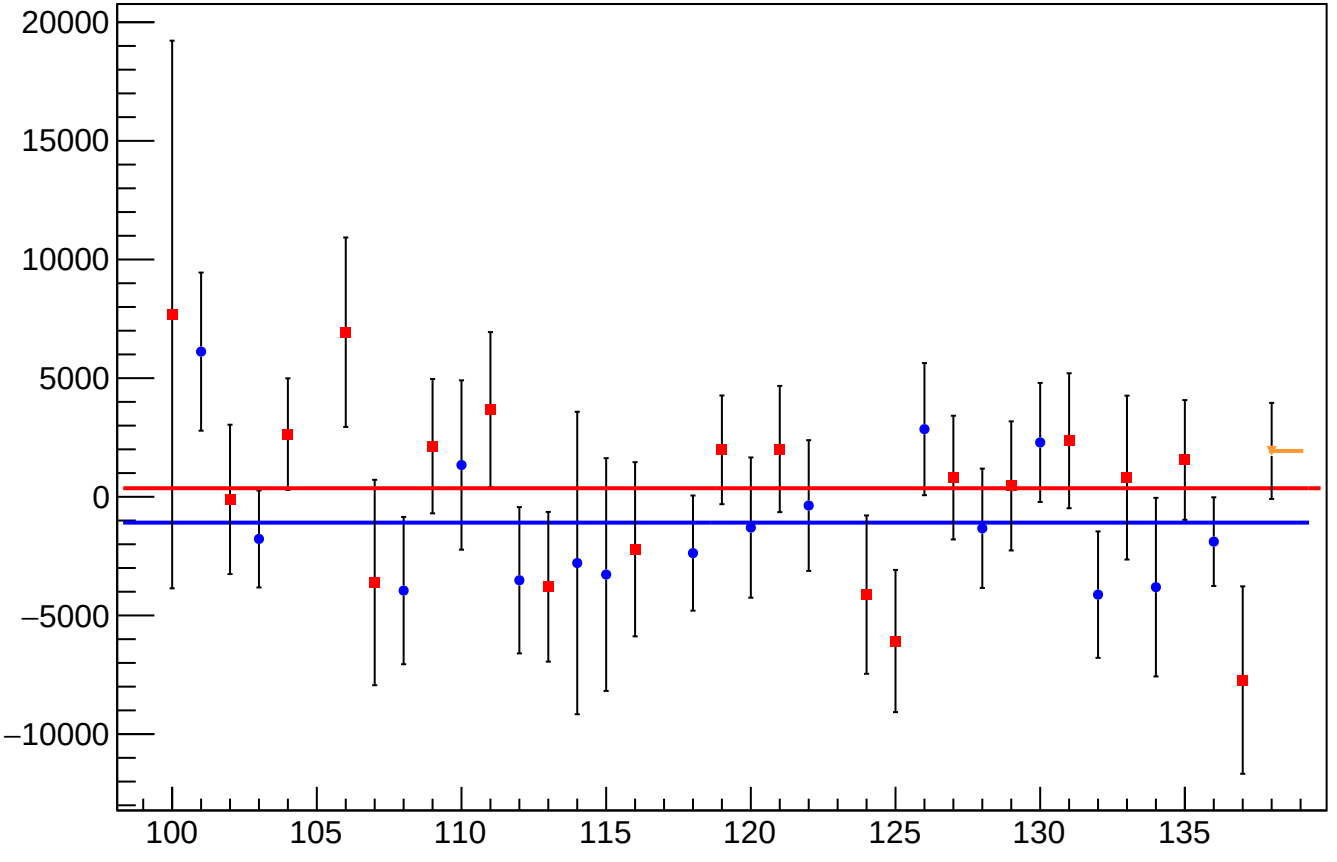
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3960.002+/-1.014 χ^2/NDF: 668388.1/16

All: 1578.296+/-0.423 χ^2/NDF: 16908713.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -1087.736+/-699.579 χ^2/NDF: 13.2/15

Left Out: 1933.281+/-2025.099 χ^2/NDF:0.0/0

Right Out: 361.223+/-699.665 χ^2/NDF: 20.8/18

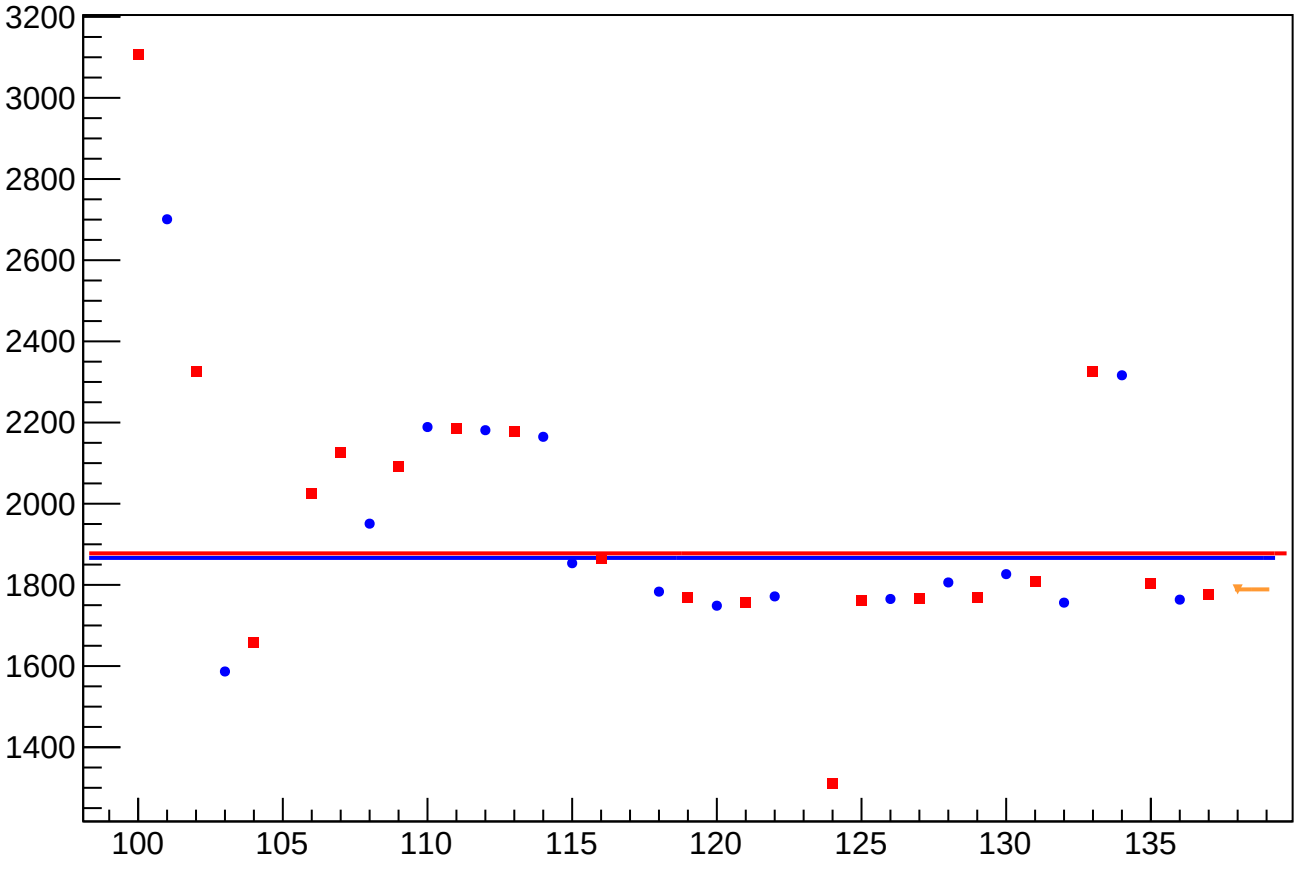
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -765.649+/-661.235 χ^2/NDF: 15.2/16

All: -234.009+/-480.576 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1866.456+/-0.495 χ^2/NDF: 256262.3/15

Left Out: 1788.890+/-1.432 χ^2/NDF:0.0/0

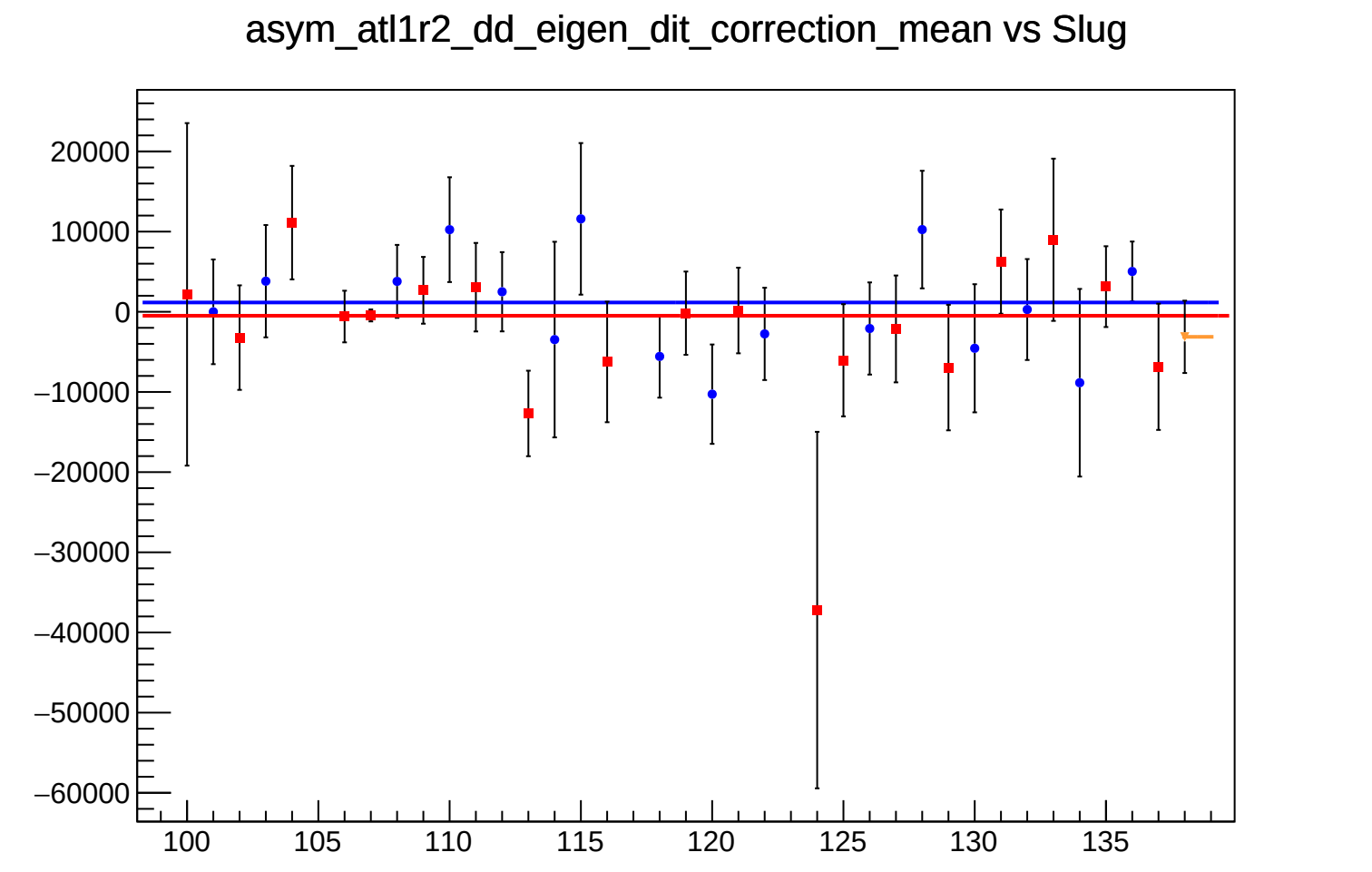
Right Out: 1877.659+/-0.494 χ^2/NDF: 251850.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1858.186+/-0.468 χ^2/NDF: 258883.6/16

All: 1867.381+/-0.340 χ^2/NDF: 511553.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1161.104+/-1512.222 χ^2/NDF: 13.7/15

Left Out: -3124.047+/-4512.910 χ^2/NDF:0.0/0

Right Out: -492.914+/-658.521 χ^2/NDF: 16.9/18

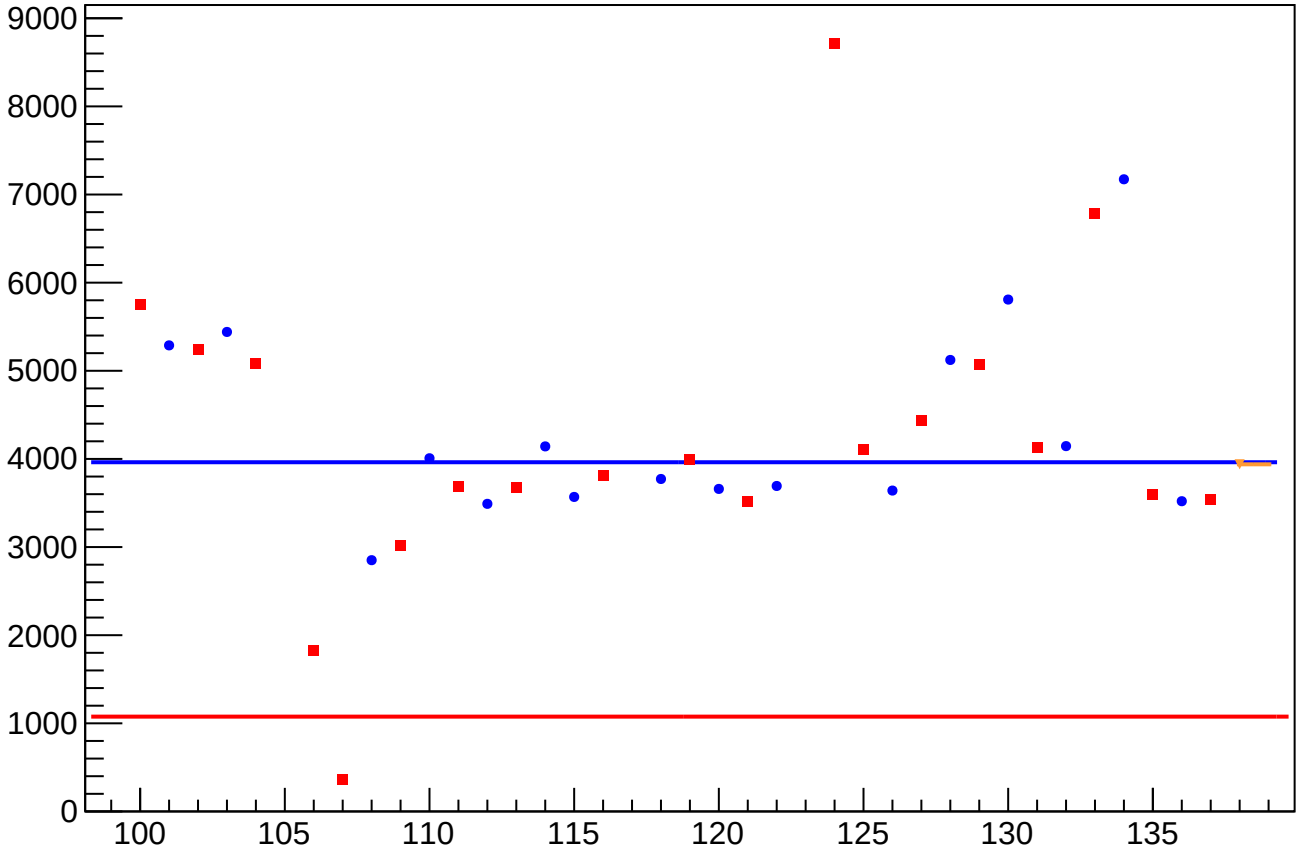
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 728.522+/-1433.863 χ^2/NDF: 14.5/16

All: -280.160+/-598.427 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 3962.361+/-1.069 χ^2/NDF: 668335.9/15

Left Out: 3938.939+/-3.191 χ^2/NDF:0.0/0

Right Out: 1075.988+/-0.466 χ^2/NDF: 9558243.3/18

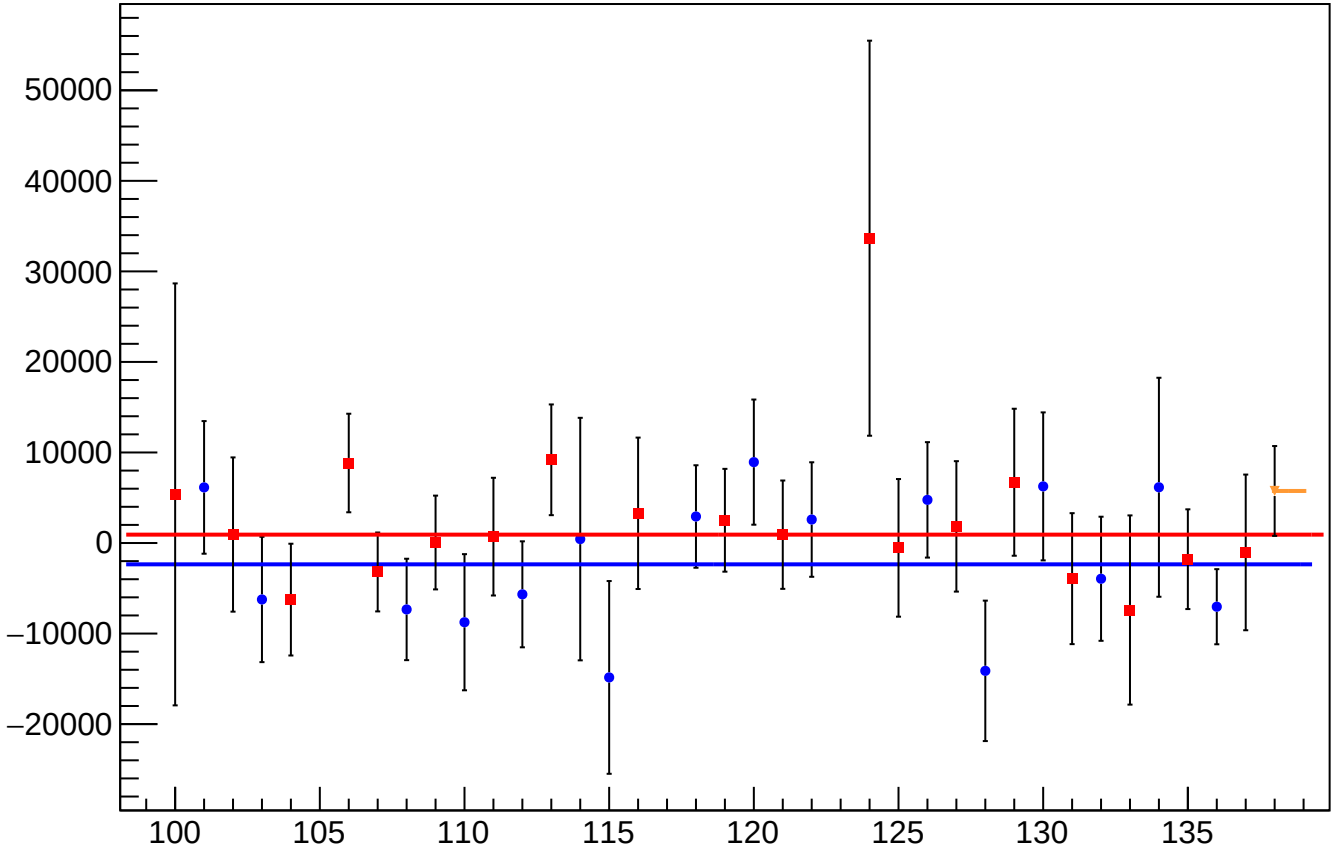
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3959.997+/-1.014 χ^2/NDF: 668384.4/16

All: 1578.335+/-0.423 χ^2/NDF: 16908391.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_mean vs Slug



Right In: -2354.851+/-1684.784 χ^2/NDF: 15.5/15

Left Out: 5748.379+/-4962.475 χ^2/NDF:0.0/0

Right Out: 924.896+/-1546.889 χ^2/NDF: 10.6/18

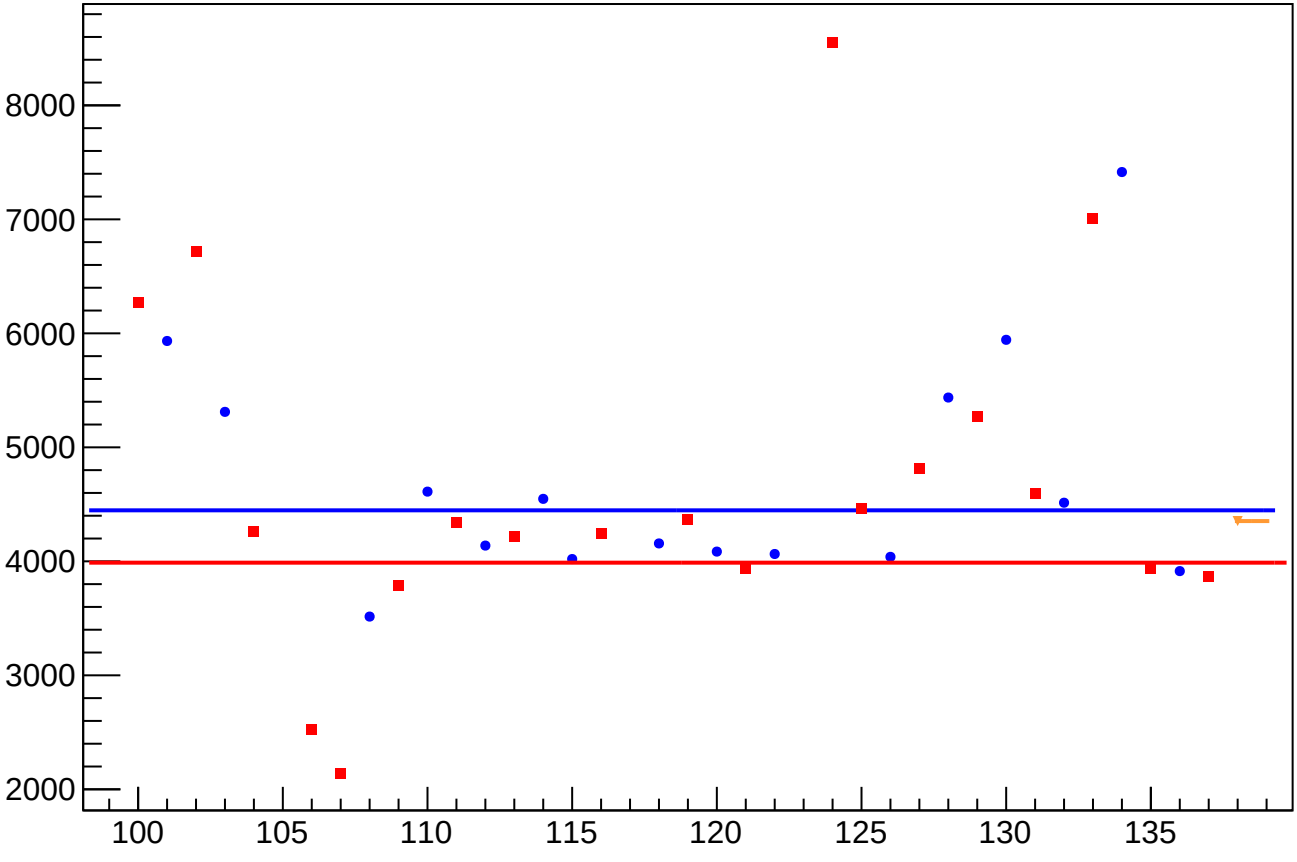
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1517.375+/-1595.349 χ^2/NDF: 17.9/16

All: -258.584+/-1110.553 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4447.424+/-1.191 χ^2/NDF: 458251.2/15

Left Out: 4353.182+/-3.509 χ^2/NDF:0.0/0

Right Out: 3988.249+/-1.083 χ^2/NDF: 1143932.4/18

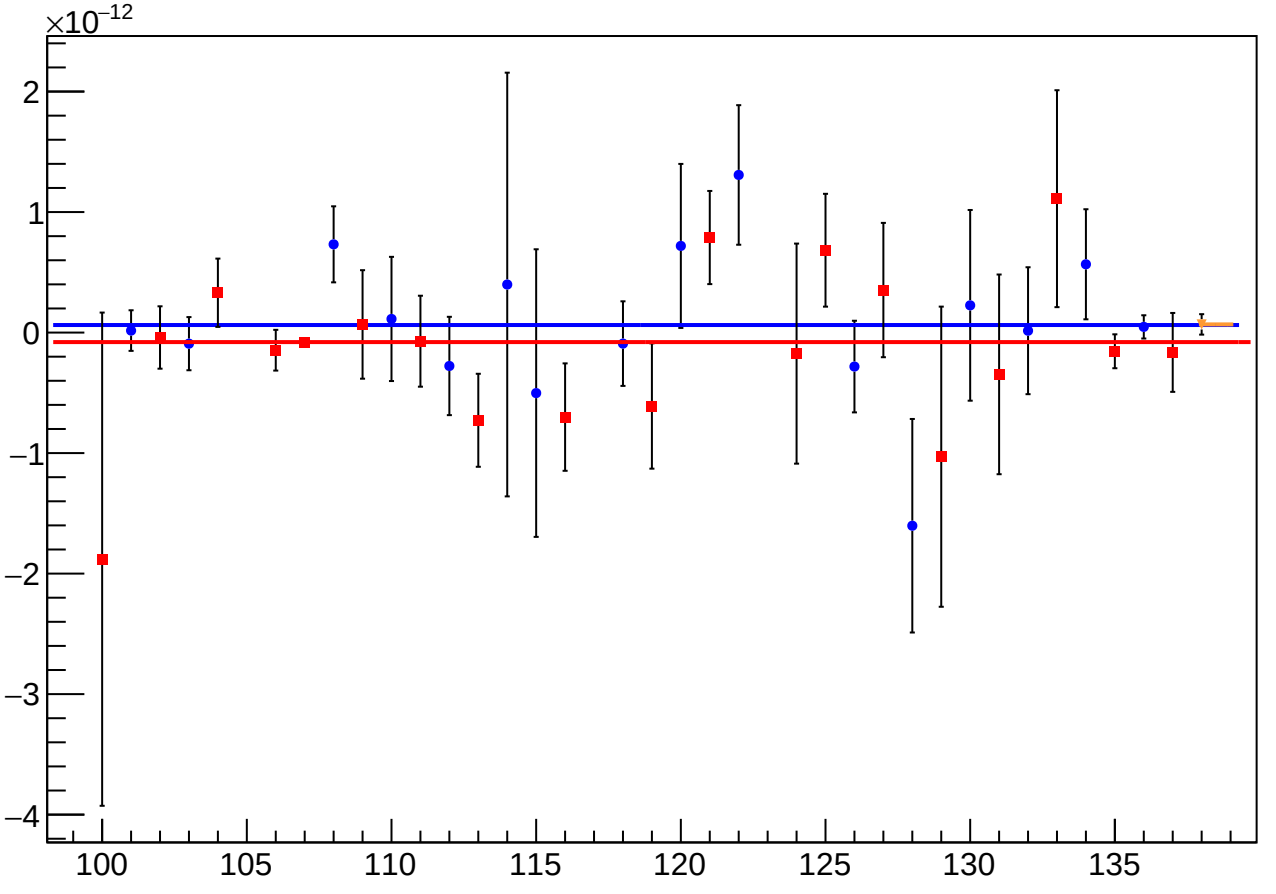
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4437.684+/-1.128 χ^2/NDF: 458898.0/16

All: 4203.800+/-0.781 χ^2/NDF: 1685431.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 17.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

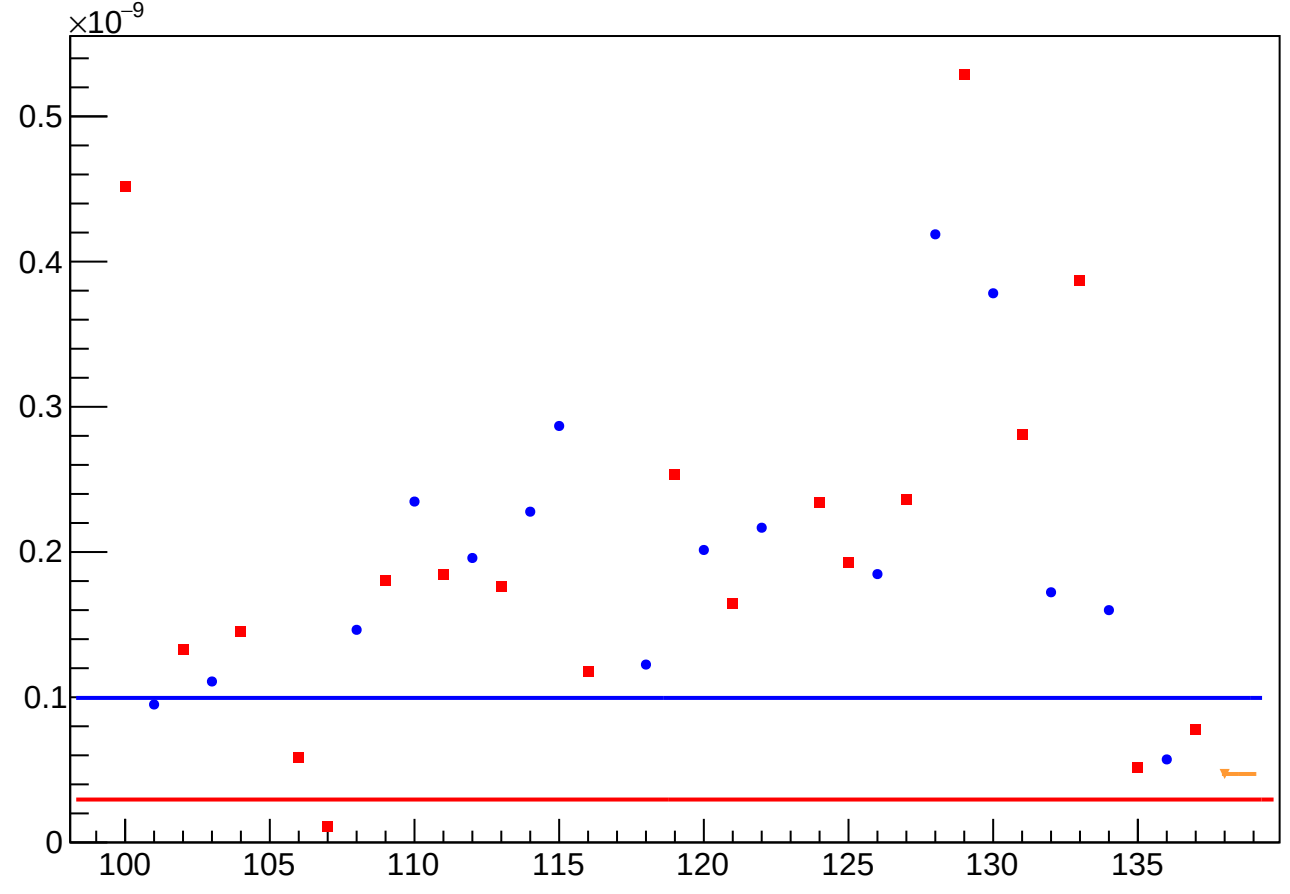
Right Out: -0.000+/-0.000 χ^2/NDF: 20.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.4/16

All: -0.000+/-0.000 χ^2/NDF: 42.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1562904.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

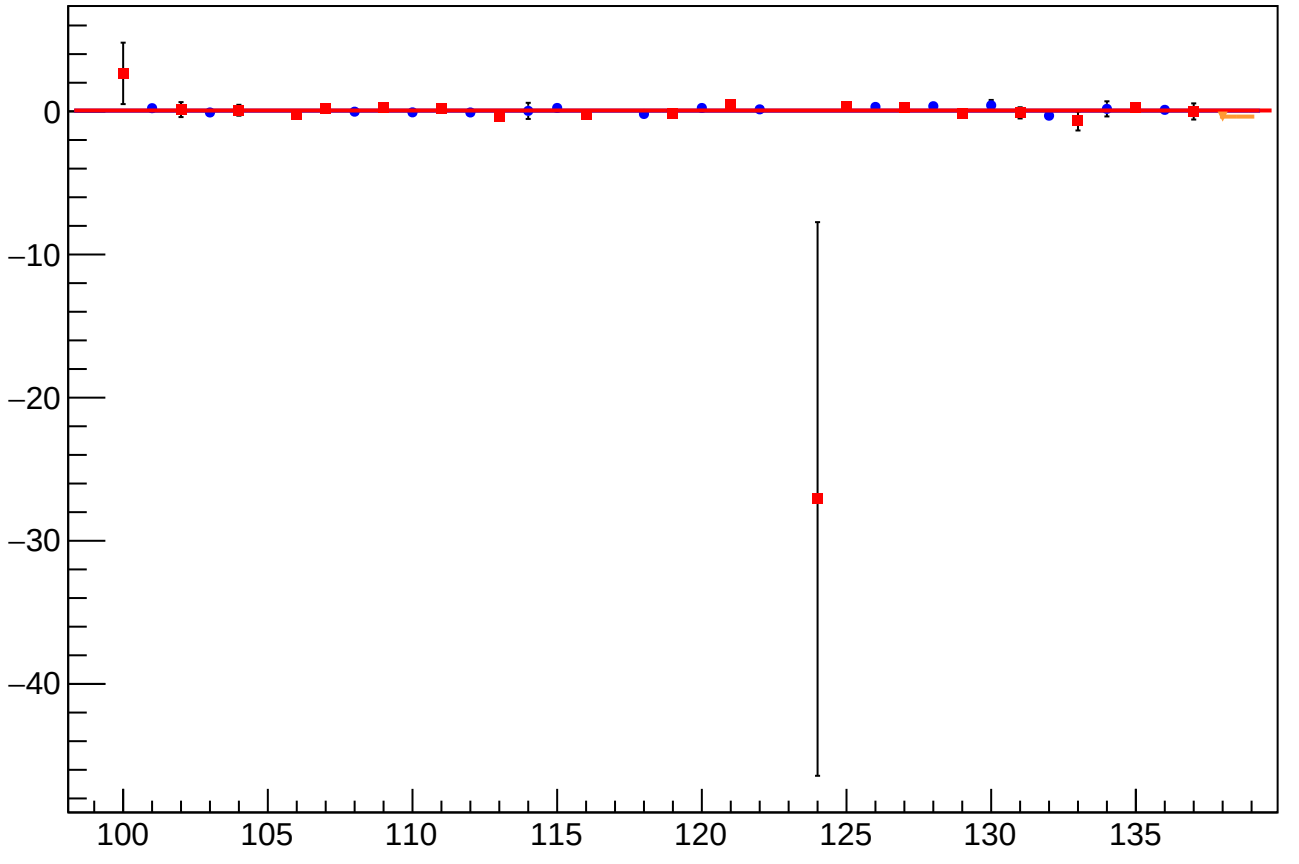
Right Out: 0.000+/-0.000 χ^2/NDF: 4363474.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2026776.6/16

All: 0.000+/-0.000 χ^2/NDF: 7635758.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.048+/-0.066 χ^2/NDF: 7.6/15

Left Out: -0.366+/-0.311 χ^2/NDF:0.0/0

Right Out: 0.061+/-0.064 χ^2/NDF: 18.4/18

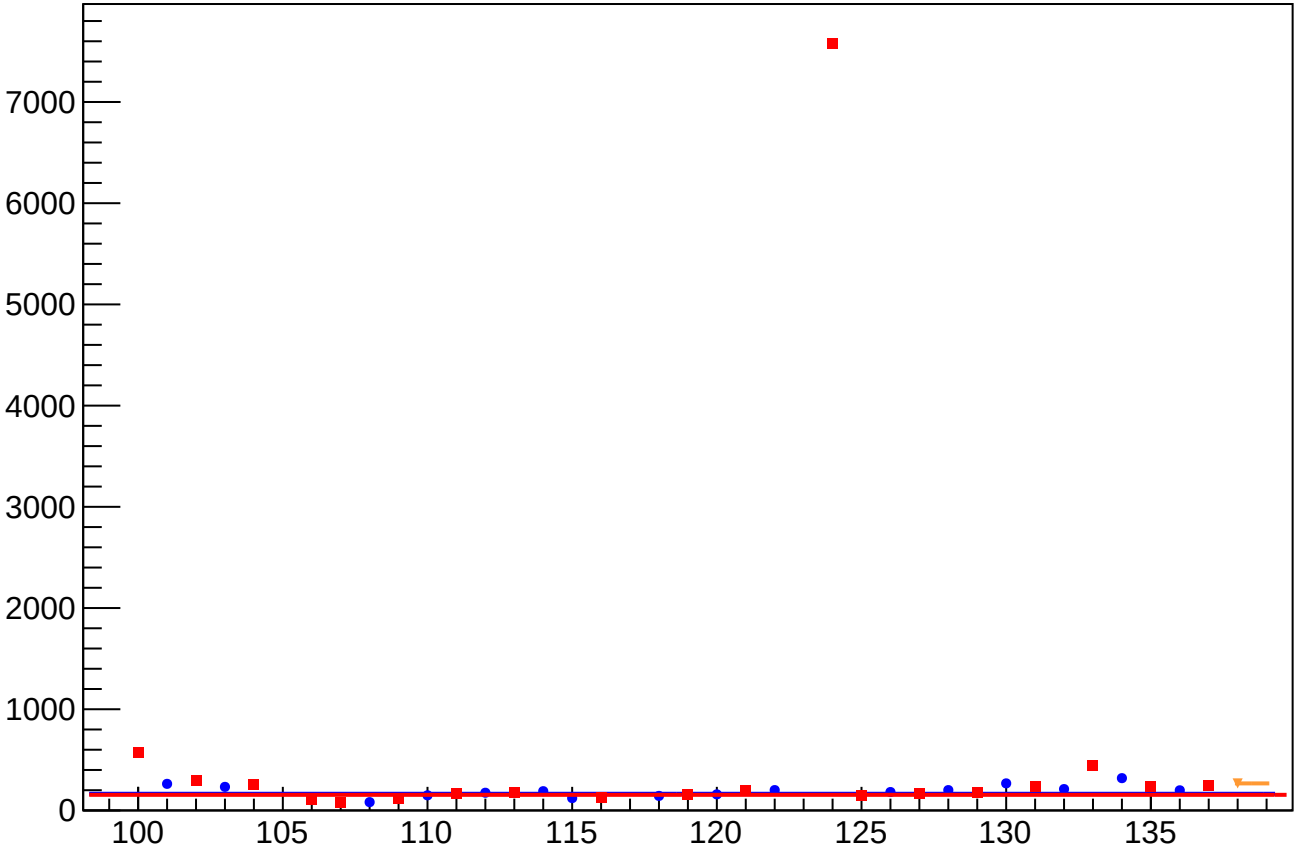
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.030+/-0.065 χ^2/NDF: 9.3/16

All: 0.046+/-0.046 χ^2/NDF: 27.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 164.862+/-0.047 χ^2/NDF: 1474718.1/15

Left Out: 267.229+/-0.220 χ^2/NDF:0.0/0

Right Out: 154.388+/-0.046 χ^2/NDF: 1921322.6/18

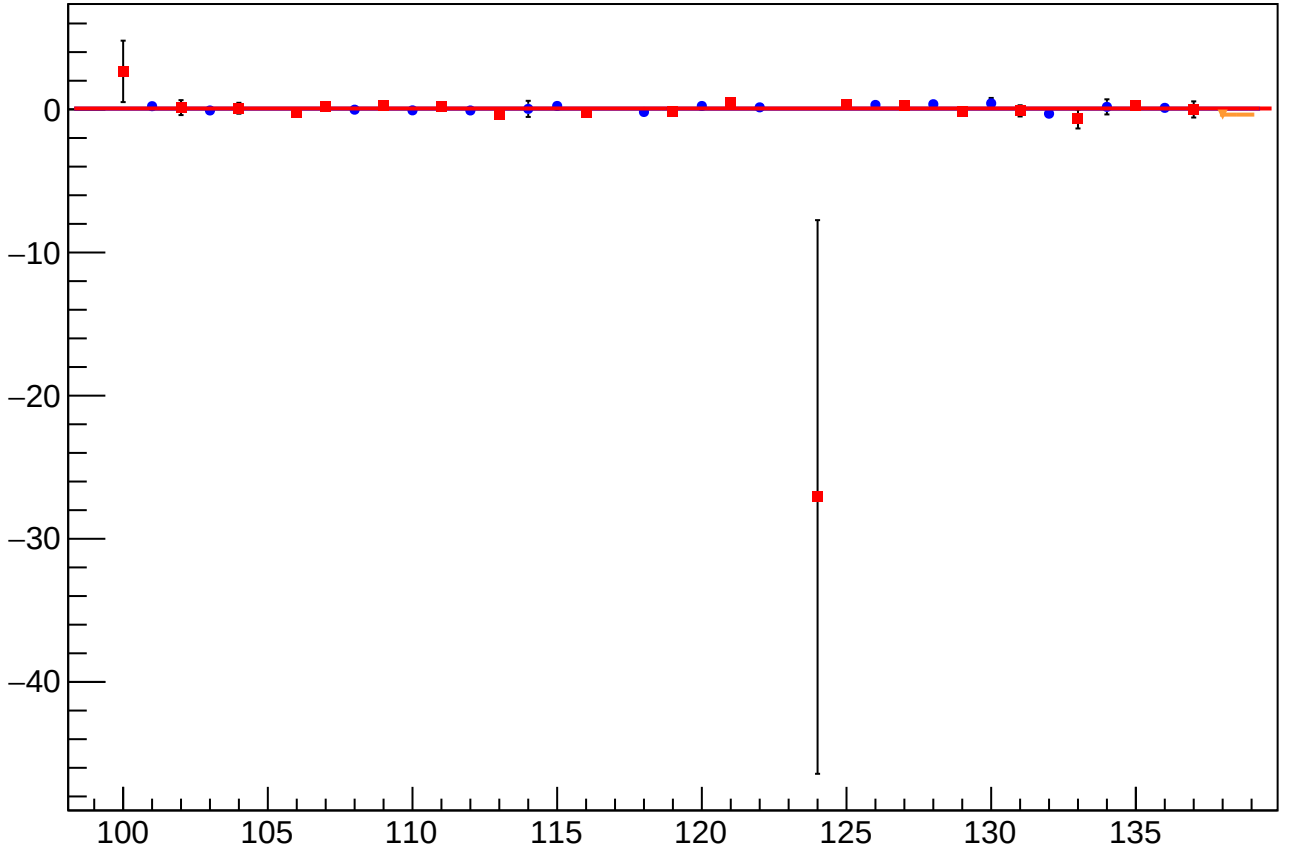
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 169.324+/-0.046 χ^2/NDF: 1681854.8/16

All: 161.793+/-0.032 χ^2/NDF: 3656508.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.048+/-0.066 χ^2/NDF: 7.6/15

Left Out: -0.366+/-0.311 χ^2/NDF:0.0/0

Right Out: 0.061+/-0.064 χ^2/NDF: 18.4/18

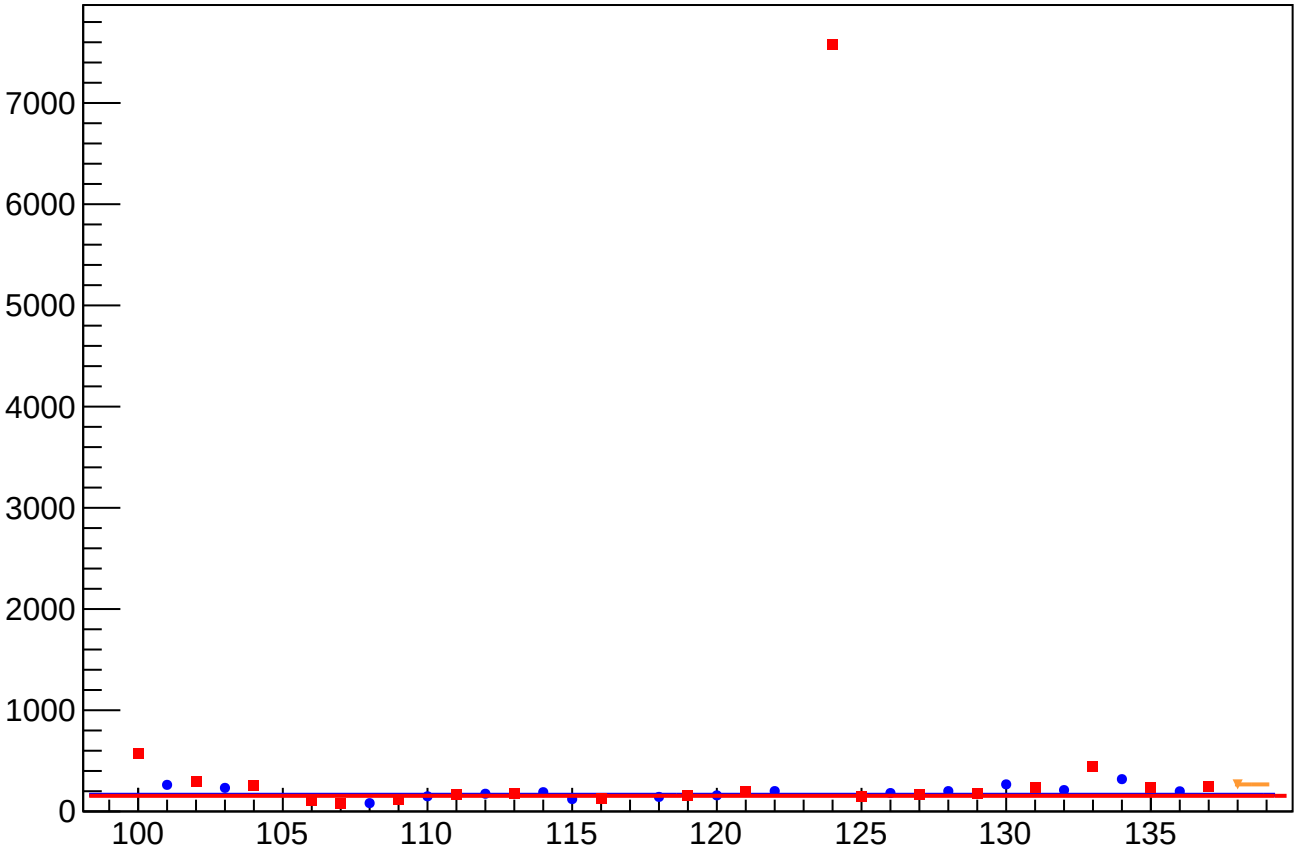
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.030+/-0.065 χ^2/NDF: 9.3/16

All: 0.046+/-0.046 χ^2/NDF: 27.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 164.862+/-0.047 χ^2/NDF: 1474718.1/15

Left Out: 267.229+/-0.220 χ^2/NDF:0.0/0

Right Out: 154.388+/-0.046 χ^2/NDF: 1921322.6/18

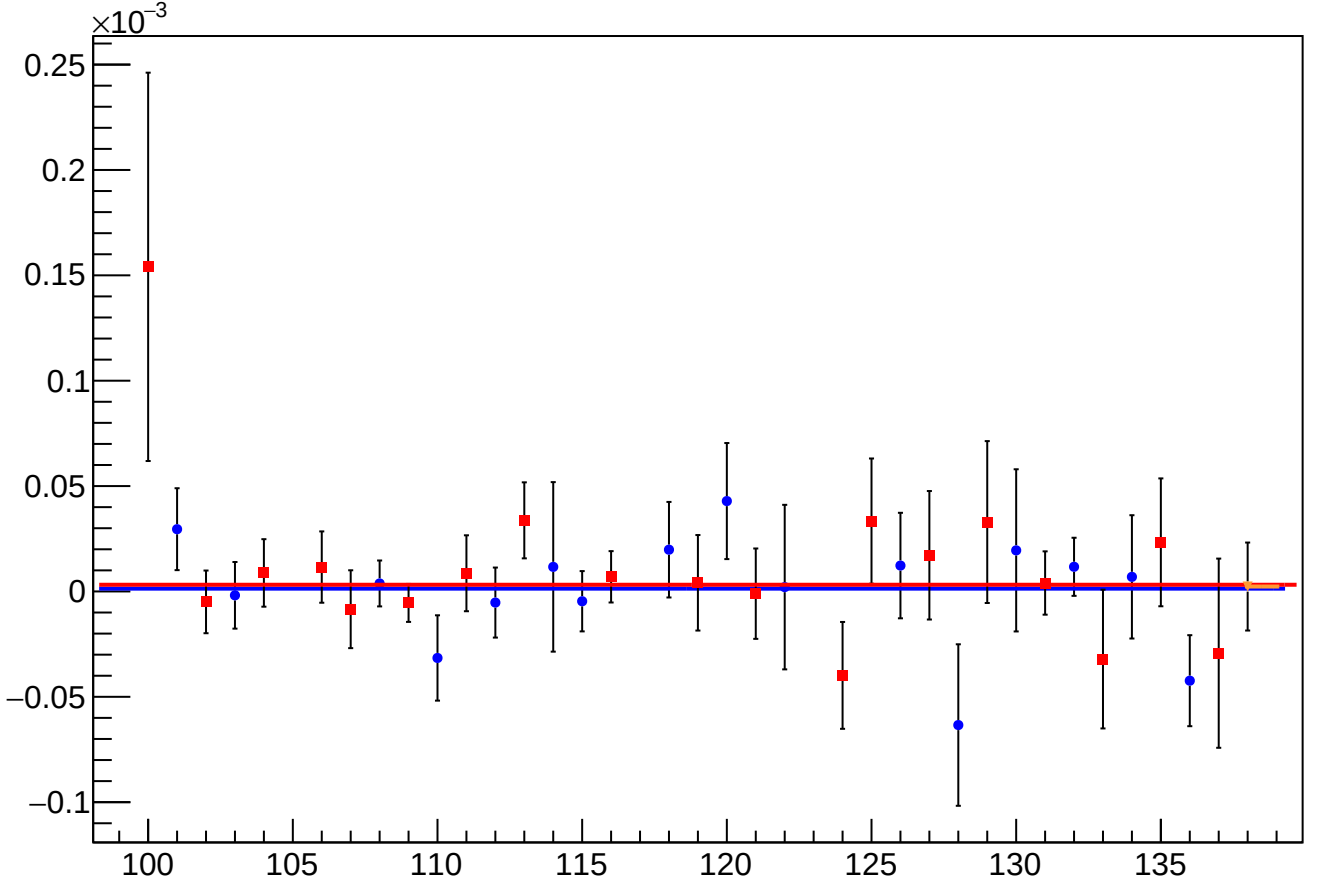
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 169.324+/-0.046 χ^2/NDF: 1681854.8/16

All: 161.793+/-0.032 χ^2/NDF: 3656508.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

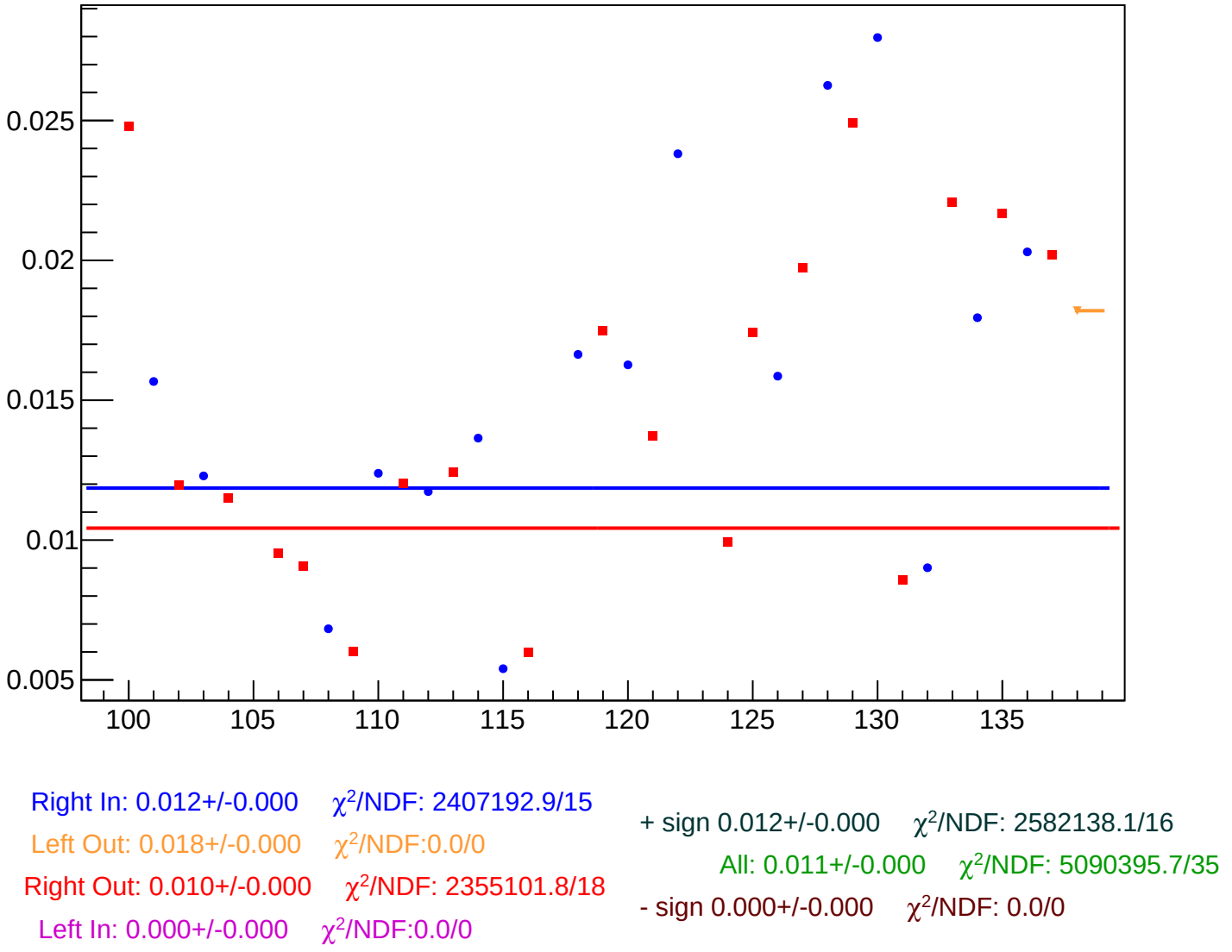
Right Out: 0.000+/-0.000 χ^2/NDF: 14.6/18

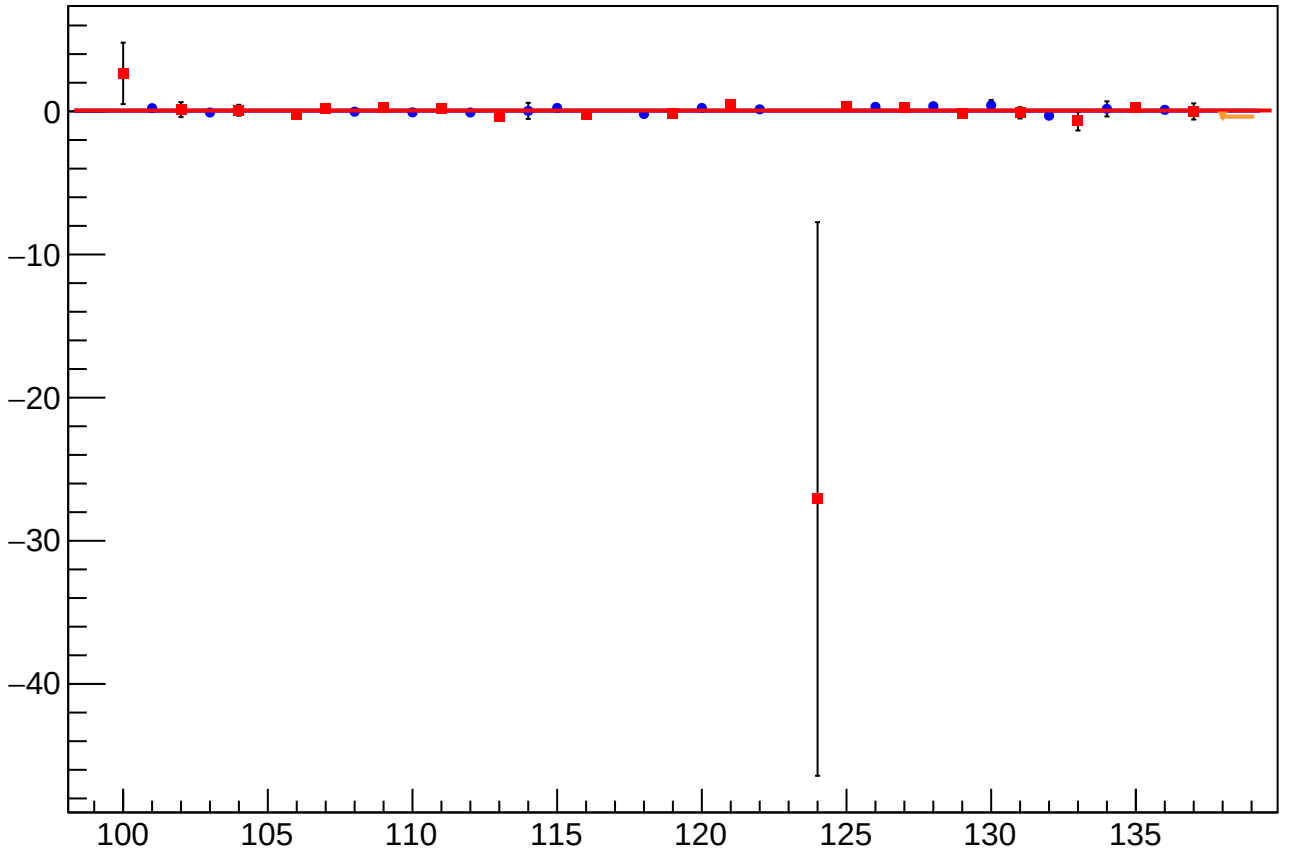
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 16.1/16

All: 0.000+/-0.000 χ^2/NDF: 30.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
100
105
110
115
120
125
130
135
Right In: 0.012+/-0.000 χ²/NDF: 2407192.9/15
Left Out: 0.018+/-0.000 χ²/NDF:0.0/0
Right Out: 0.010+/-0.000 χ²/NDF: 2355101.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.012+/-0.000 χ²/NDF: 2582138.1/16
All: 0.011+/-0.000 χ²/NDF: 5090395.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.048+/-0.066 χ^2/NDF: 7.6/15

Left Out: -0.367+/-0.311 χ^2/NDF:0.0/0

Right Out: 0.061+/-0.064 χ^2/NDF: 18.4/18

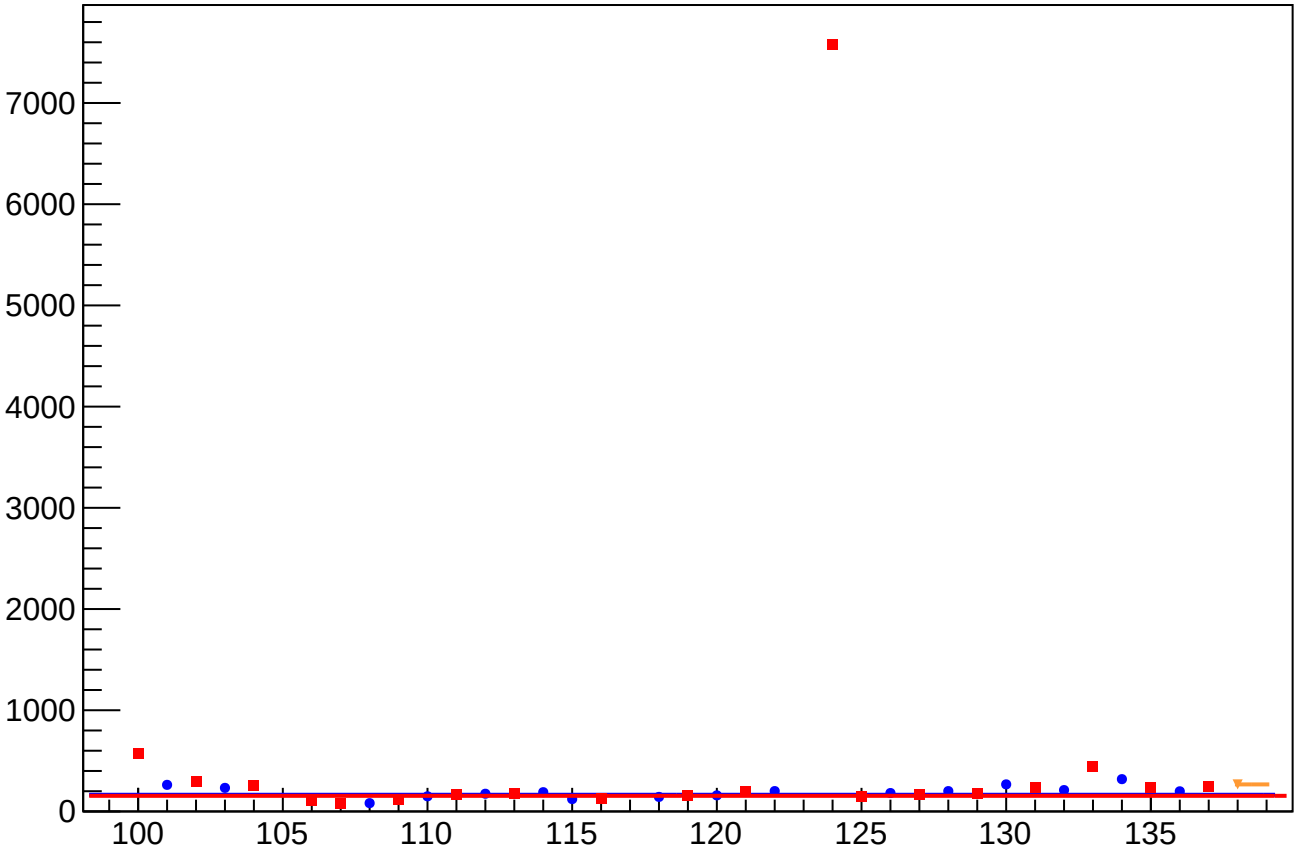
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.030+/-0.065 χ^2/NDF: 9.3/16

All: 0.046+/-0.046 χ^2/NDF: 27.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 164.862+/-0.047 χ^2/NDF: 1474692.6/15

Left Out: 267.234+/-0.220 χ^2/NDF:0.0/0

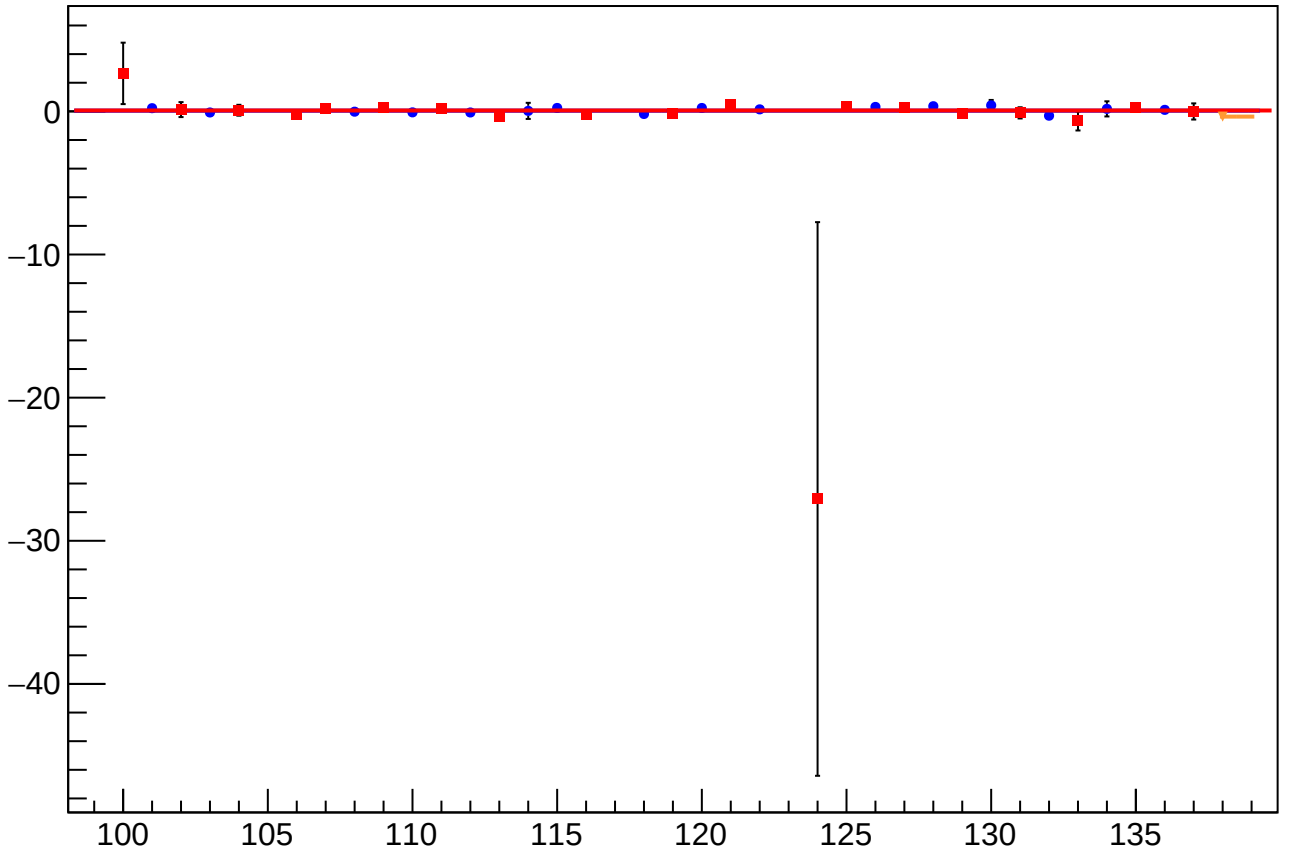
Right Out: 154.388+/-0.046 χ^2/NDF: 1921346.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 169.323+/-0.046 χ^2/NDF: 1681844.1/16

All: 161.793+/-0.032 χ^2/NDF: 3656523.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.048+/-0.066 χ^2/NDF: 7.6/15

Left Out: -0.367+/-0.311 χ^2/NDF:0.0/0

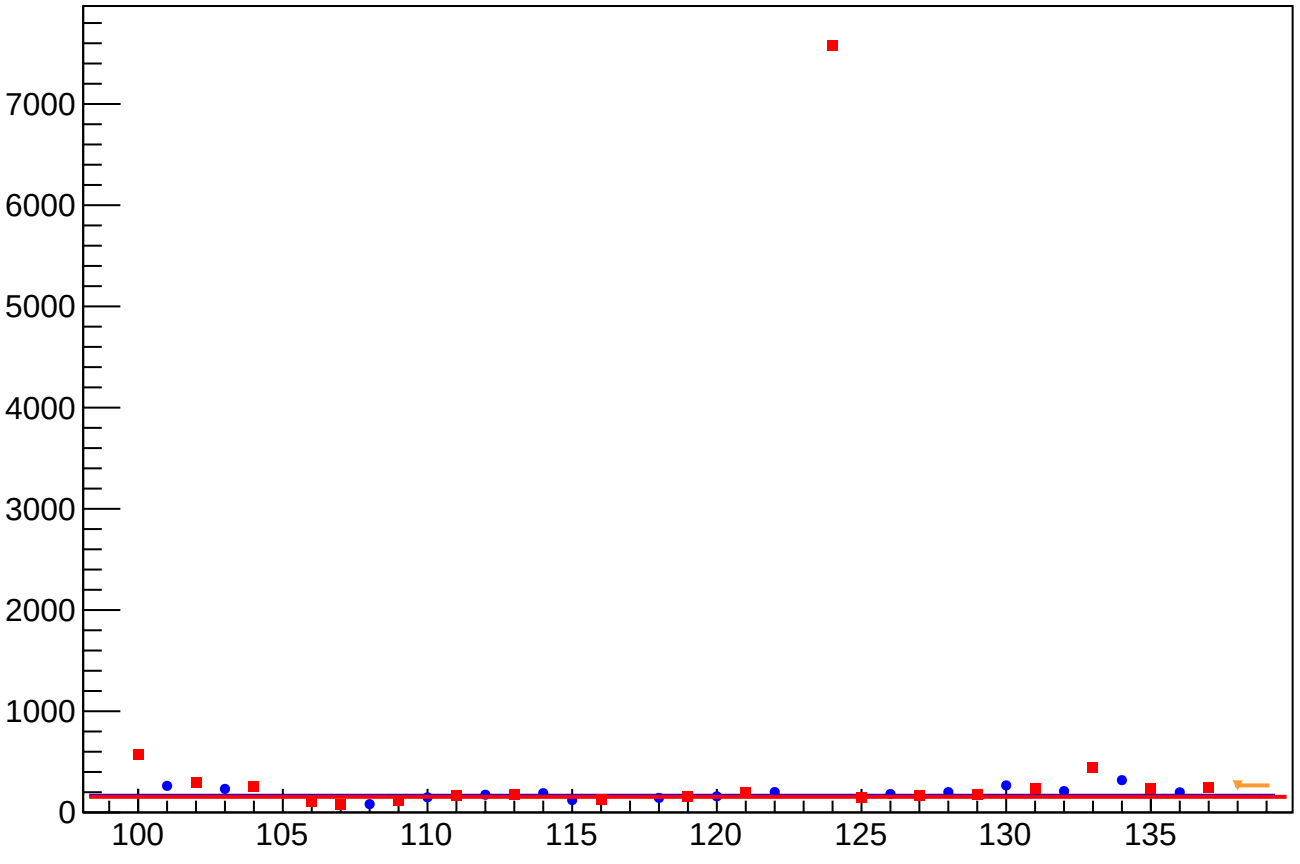
Right Out: 0.061+/-0.064 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.030+/-0.065 χ^2/NDF: 9.3/16

All: 0.046+/-0.046 χ^2/NDF: 27.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 164.862+/-0.047 χ^2/NDF: 1474692.6/15

Left Out: 267.234+/-0.220 χ^2/NDF:0.0/0

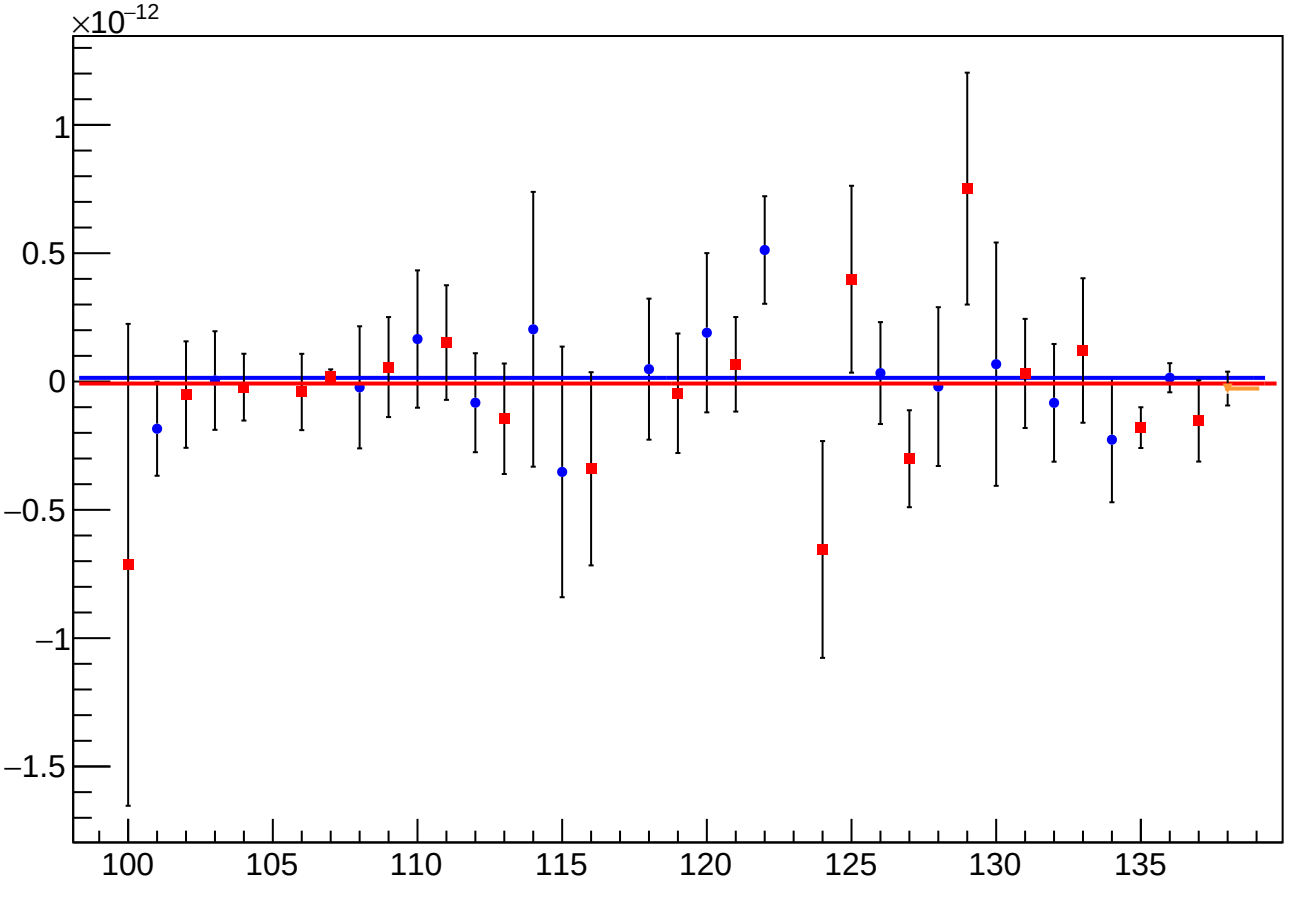
Right Out: 154.388+/-0.046 χ^2/NDF: 1921346.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 169.323+/-0.046 χ^2/NDF: 1681844.1/16

All: 161.793+/-0.032 χ^2/NDF: 3656523.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 9.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

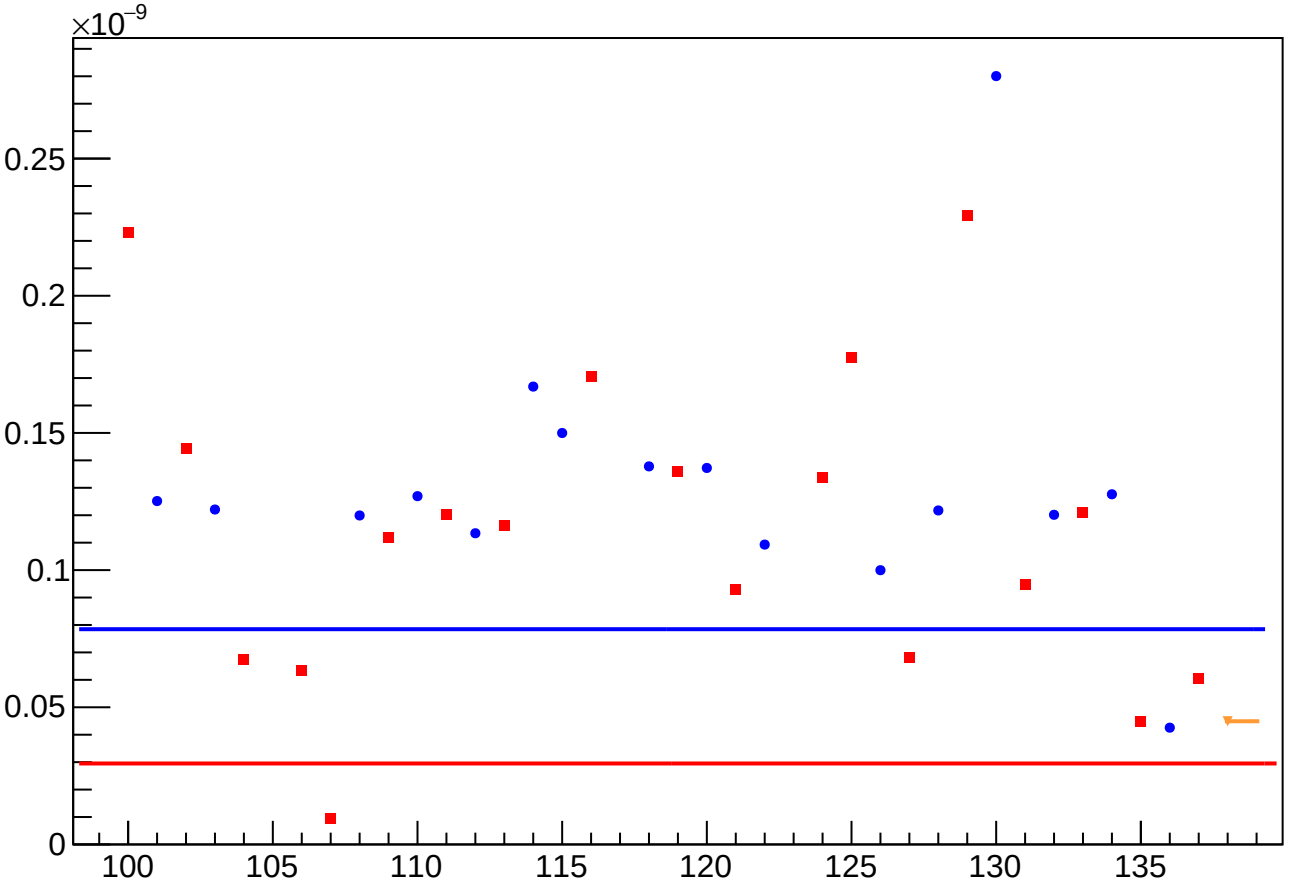
Right Out: -0.000+/-0.000 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 9.9/16

All: -0.000+/-0.000 χ^2/NDF: 28.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2103056.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

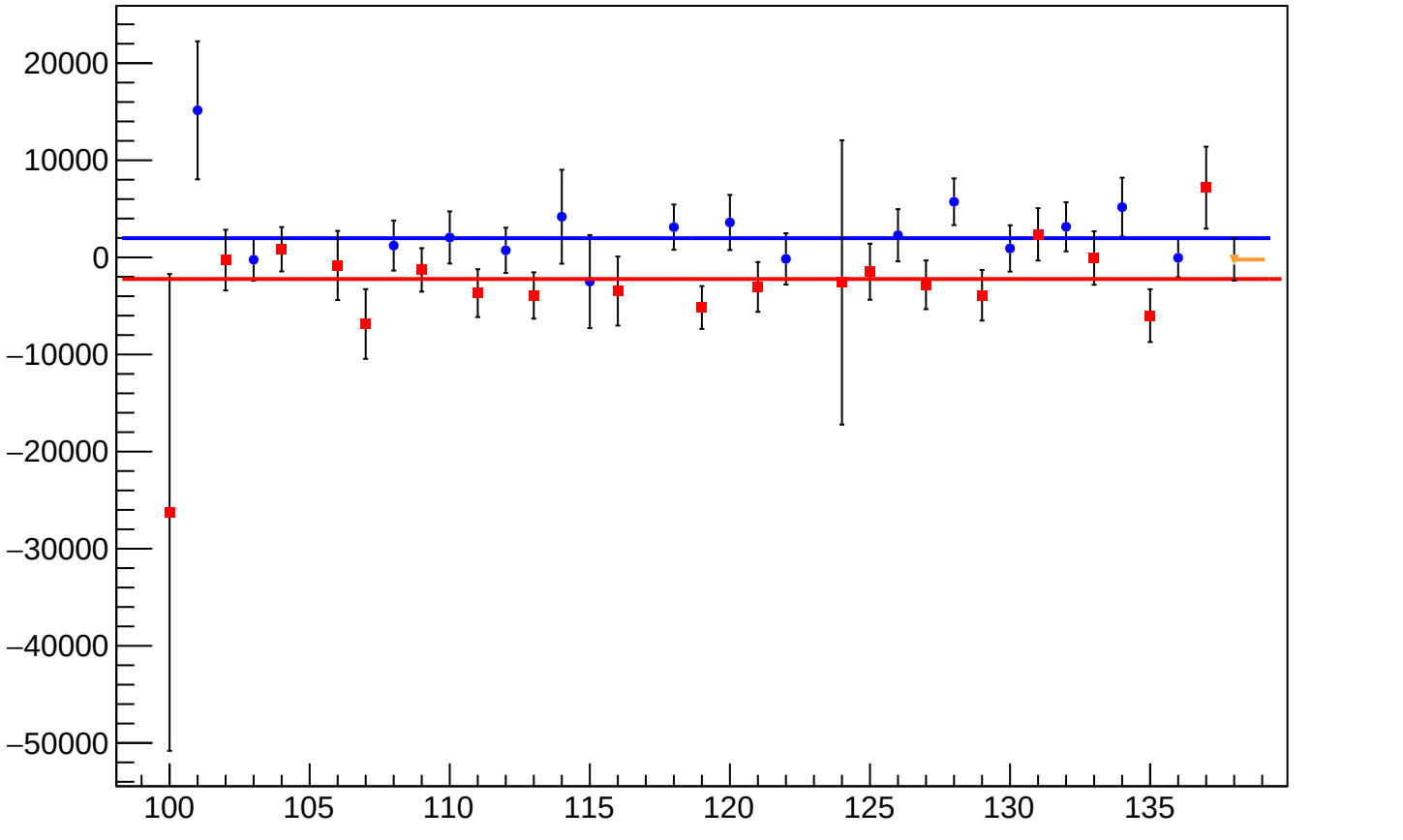
Right Out: 0.000+/-0.000 χ^2/NDF: 5487361.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2469748.0/16

All: 0.000+/-0.000 χ^2/NDF: 9659183.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1976.299+/-667.710 χ^2/NDF: 12.1/15

Left Out: -225.642+/-2159.061 χ^2/NDF:0.0/0

Right Out: -2226.171+/-656.286 χ^2/NDF: 19.0/18

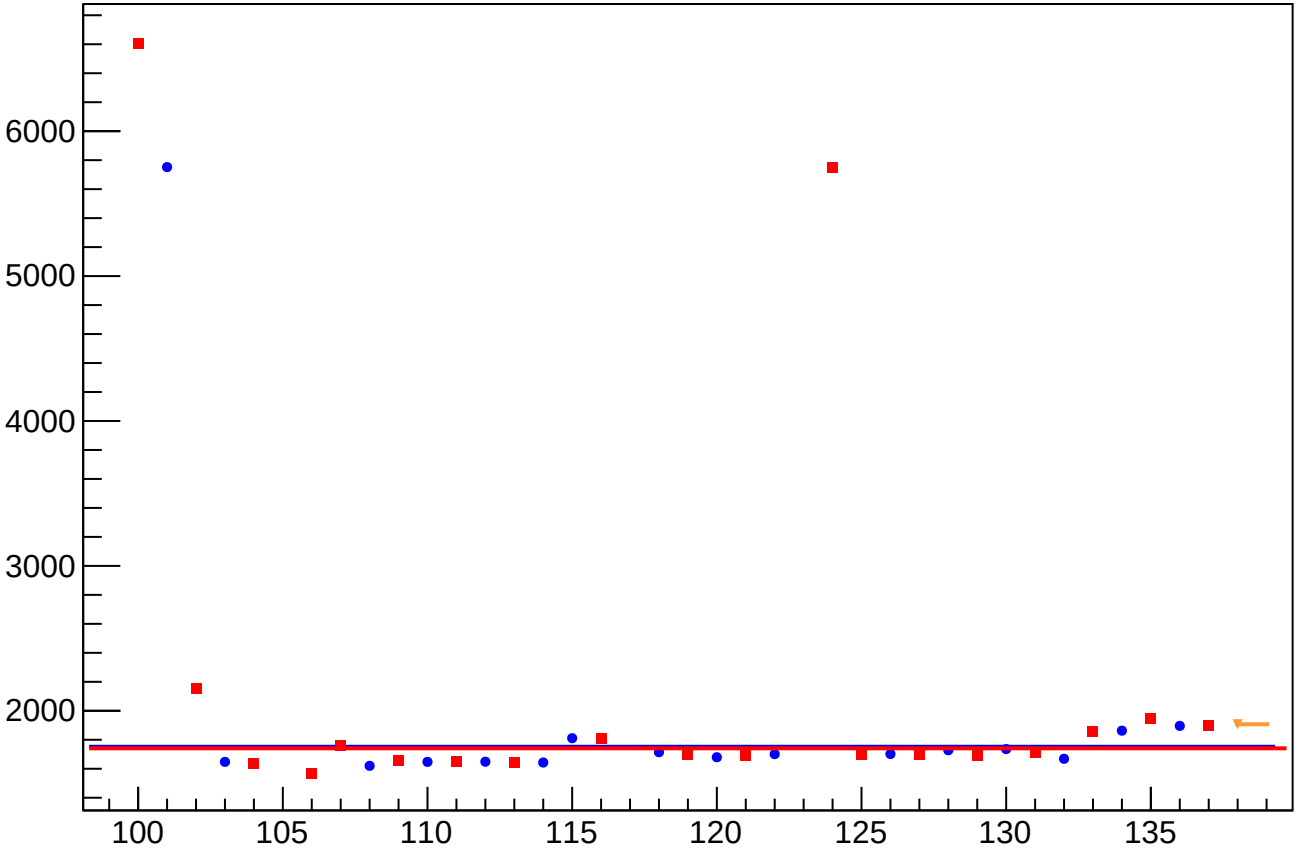
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1784.086+/-637.901 χ^2/NDF: 13.1/16

All: -164.084+/-457.426 χ^2/NDF: 51.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1751.607+/-0.472 χ^2/NDF: 670651.4/15

Left Out: 1907.303+/-1.527 χ^2/NDF:0.0/0

Right Out: 1741.052+/-0.461 χ^2/NDF: 304655.0/18

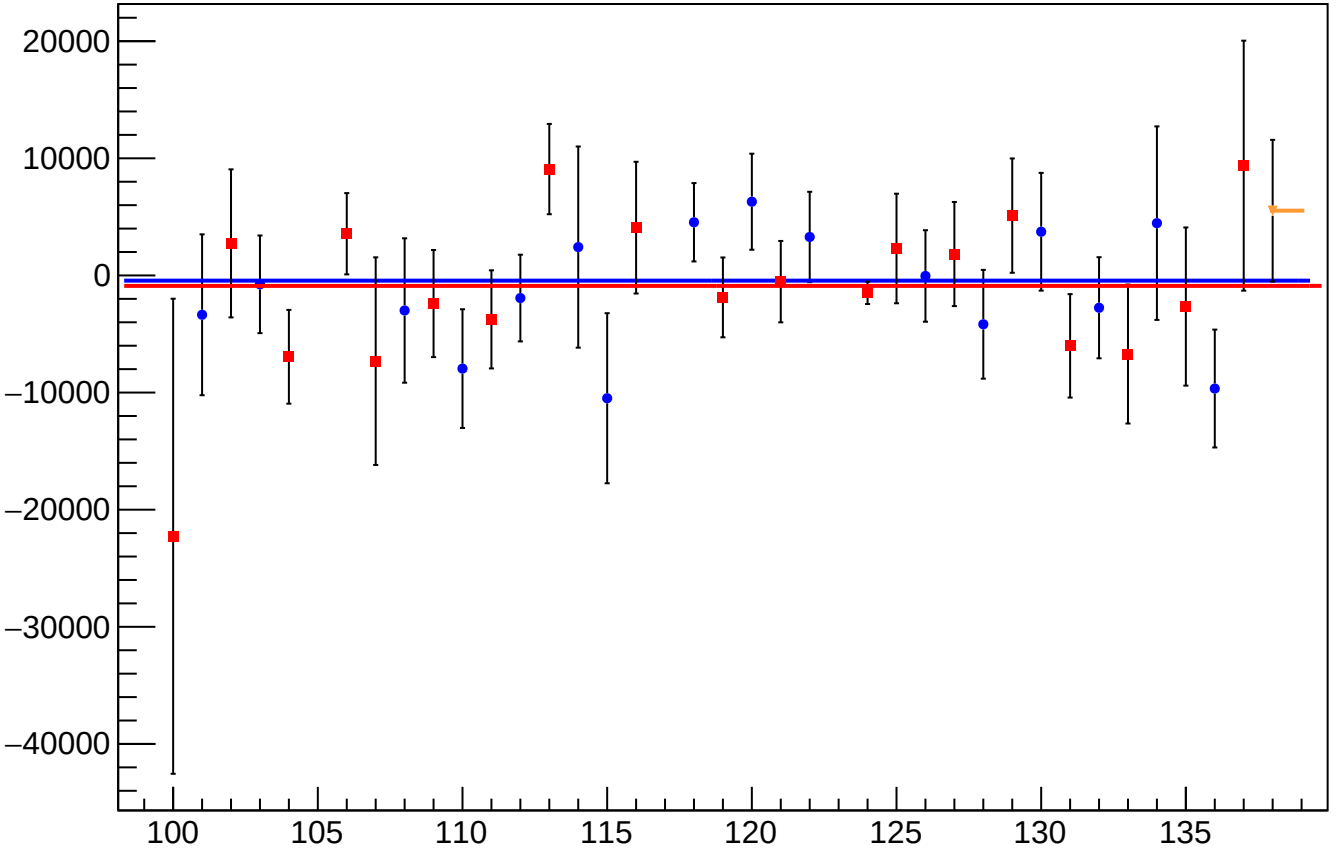
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1765.198+/-0.451 χ^2/NDF: 680144.1/16

All: 1753.379+/-0.322 χ^2/NDF: 986201.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: -444.273+/-1174.448 χ^2/NDF: 15.9/15

Left Out: 5529.767+/-6046.736 χ^2/NDF:0.0/0

Right Out: -892.237+/-725.737 χ^2/NDF: 20.1/18

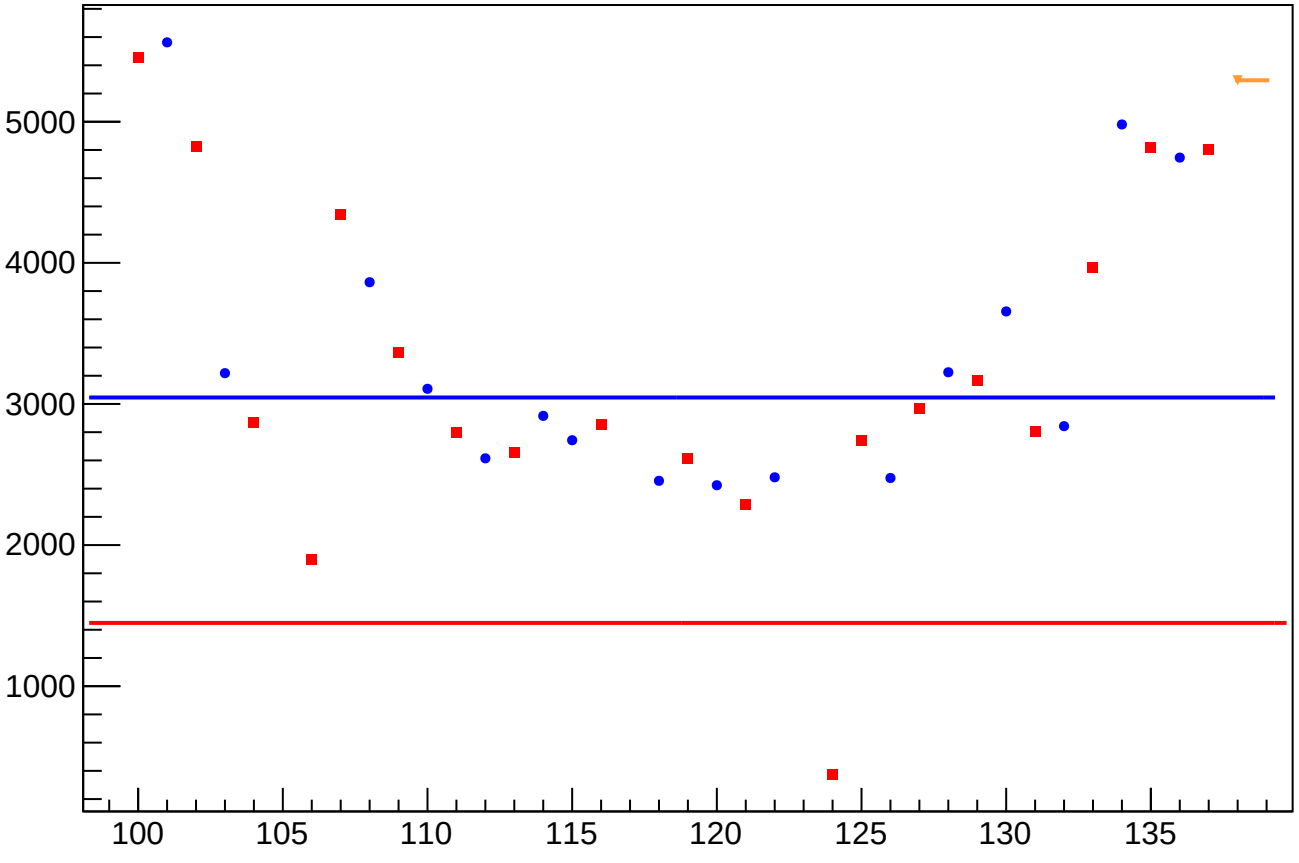
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -227.098+/-1152.903 χ^2/NDF: 16.9/16

All: -703.472+/-614.182 χ^2/NDF: 37.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 3045.917+/-0.830 χ^2/NDF: 907385.5/15

Left Out: 5293.859+/-4.276 χ^2/NDF:0.0/0

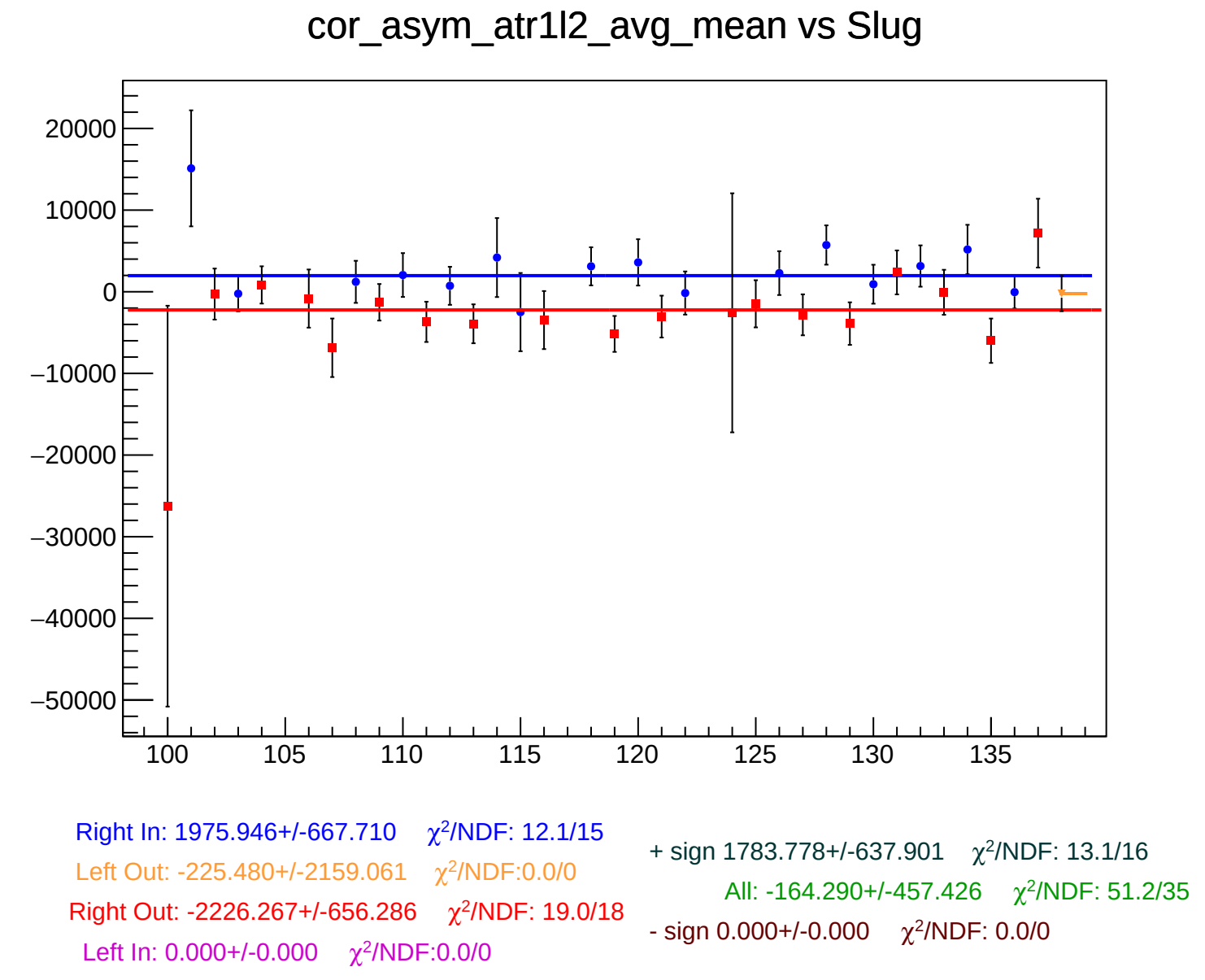
Right Out: 1448.519+/-0.513 χ^2/NDF: 6786925.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

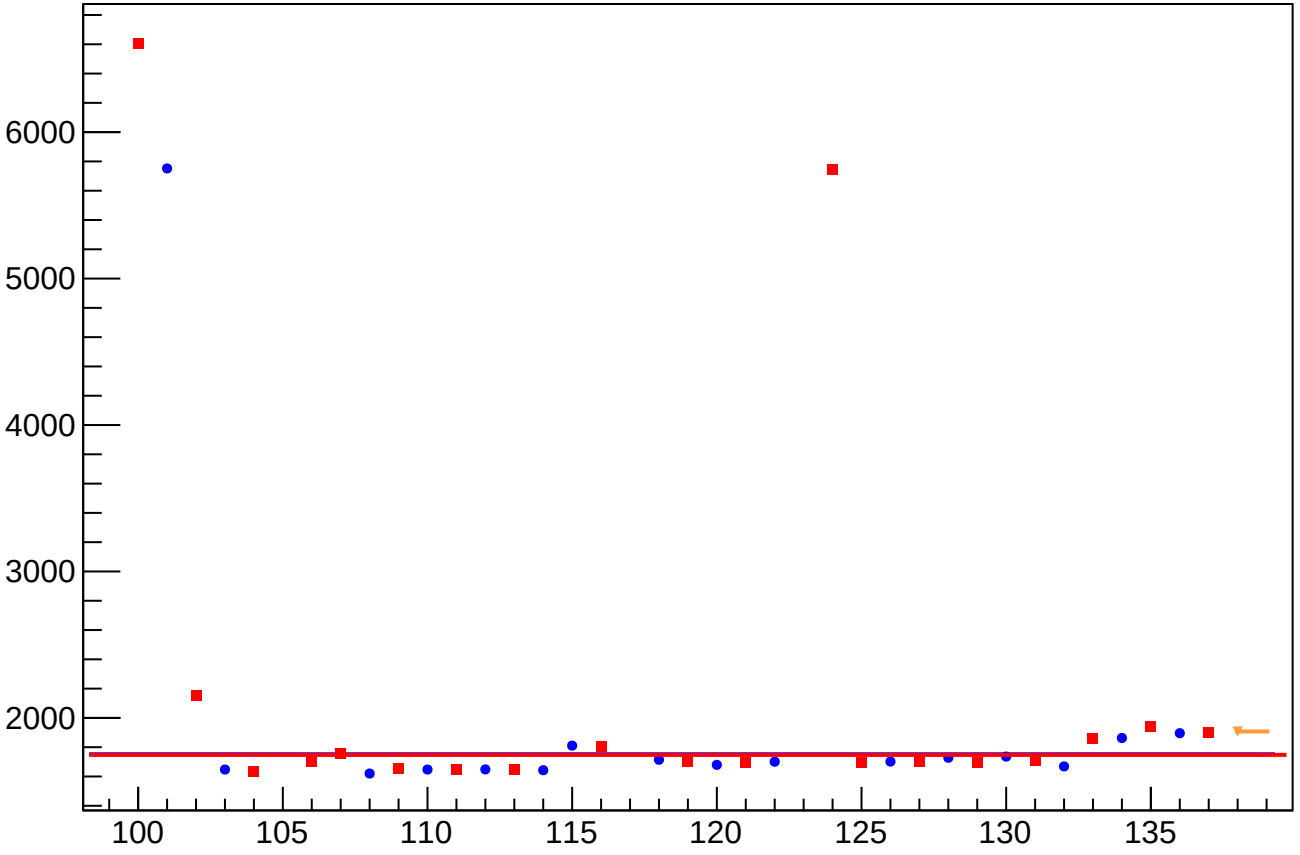
+ sign 3127.637+/-0.815 χ^2/NDF: 1173749.6/16

All: 1925.049+/-0.434 χ^2/NDF: 10999059.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


cor_asym_atr1l2_avg_mean vs Slug
20000
10000
0
−10000
−20000
−30000
−40000
−50000
100
105
110
115
120
125
130
135
Right In: 1975.946+/-667.710 χ²/NDF: 12.1/15
Left Out: -225.480+/-2159.061 χ²/NDF:0.0/0
Right Out: -2226.267+/-656.286 χ²/NDF: 19.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 1783.778+/-637.901 χ²/NDF: 13.1/16
All: -164.290+/-457.426 χ²/NDF: 51.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1751.606+/-0.472 χ^2/NDF: 670651.6/15

Left Out: 1907.303+/-1.527 χ^2/NDF:0.0/0

Right Out: 1747.786+/-0.462 χ^2/NDF: 297917.6/18

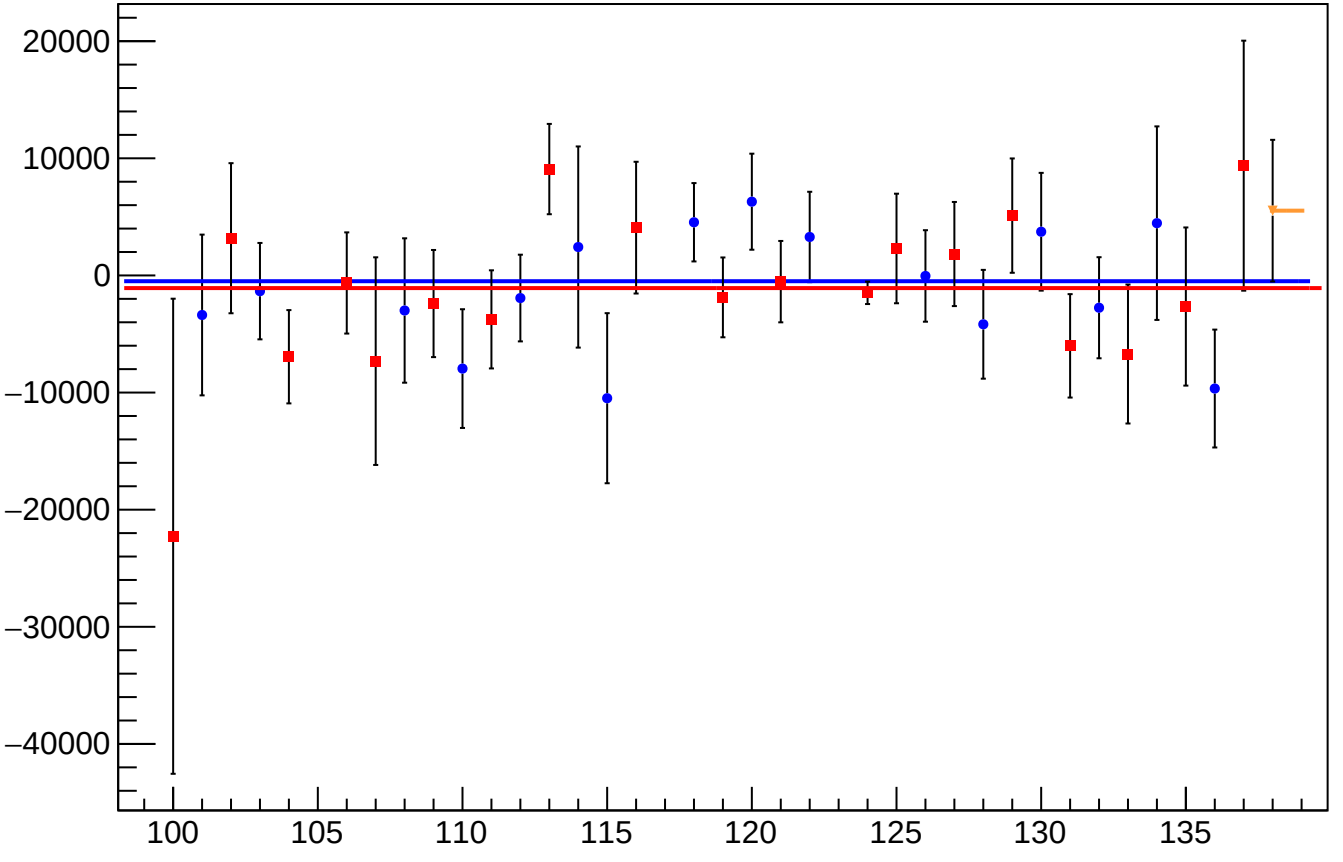
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1765.197+/-0.451 χ^2/NDF: 680144.3/16

All: 1756.707+/-0.323 χ^2/NDF: 978788.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: -492.916+/-1173.239 χ^2/NDF: 16.0/15

Left Out: 5529.806+/-6046.730 χ^2/NDF:0.0/0

Right Out: -1080.924+/-731.458 χ^2/NDF: 18.5/18

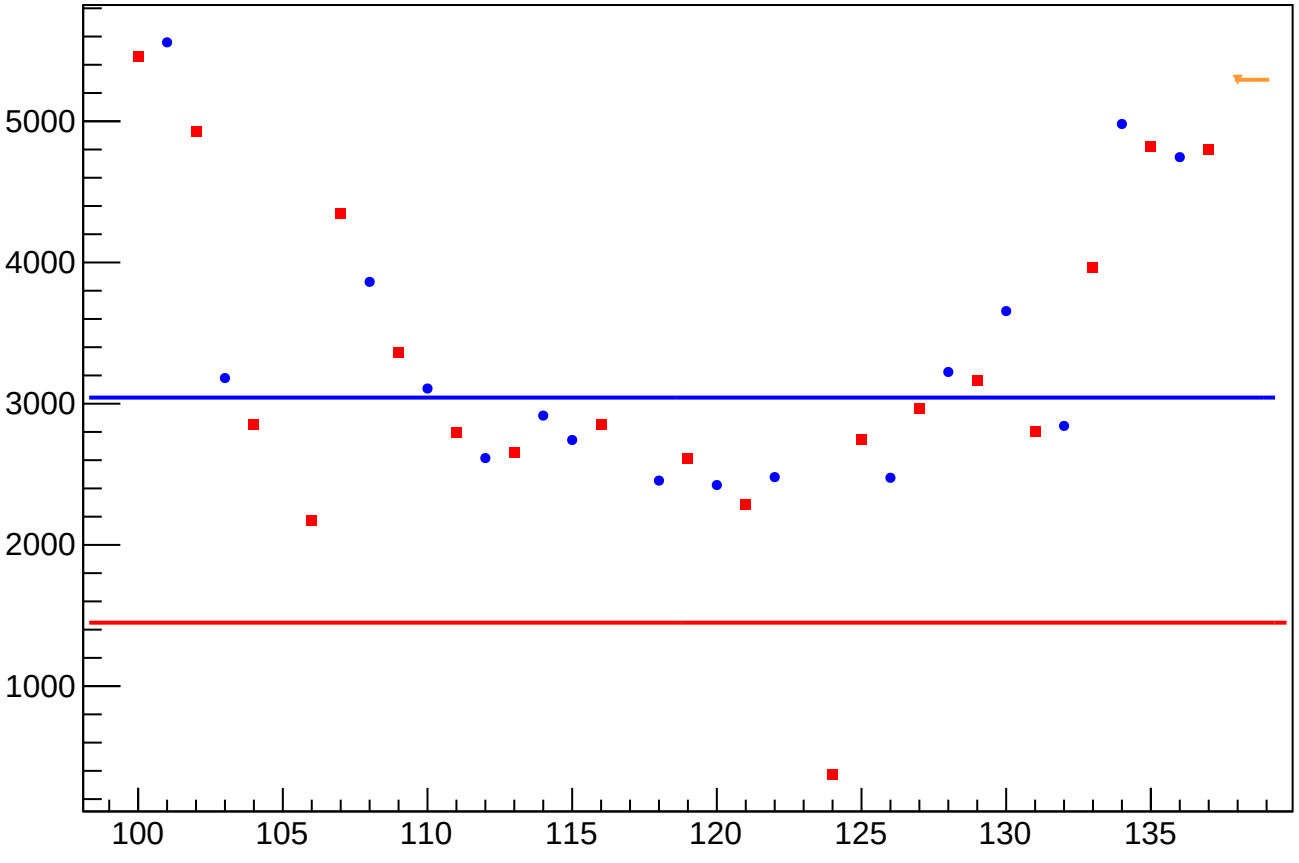
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -274.404+/-1151.759 χ^2/NDF: 16.9/16

All: -849.125+/-617.462 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 3043.270+/-0.830 χ^2/NDF: 905659.7/15

Left Out: 5293.851+/-4.276 χ^2/NDF:0.0/0

Right Out: 1449.516+/-0.517 χ^2/NDF: 6825716.5/18

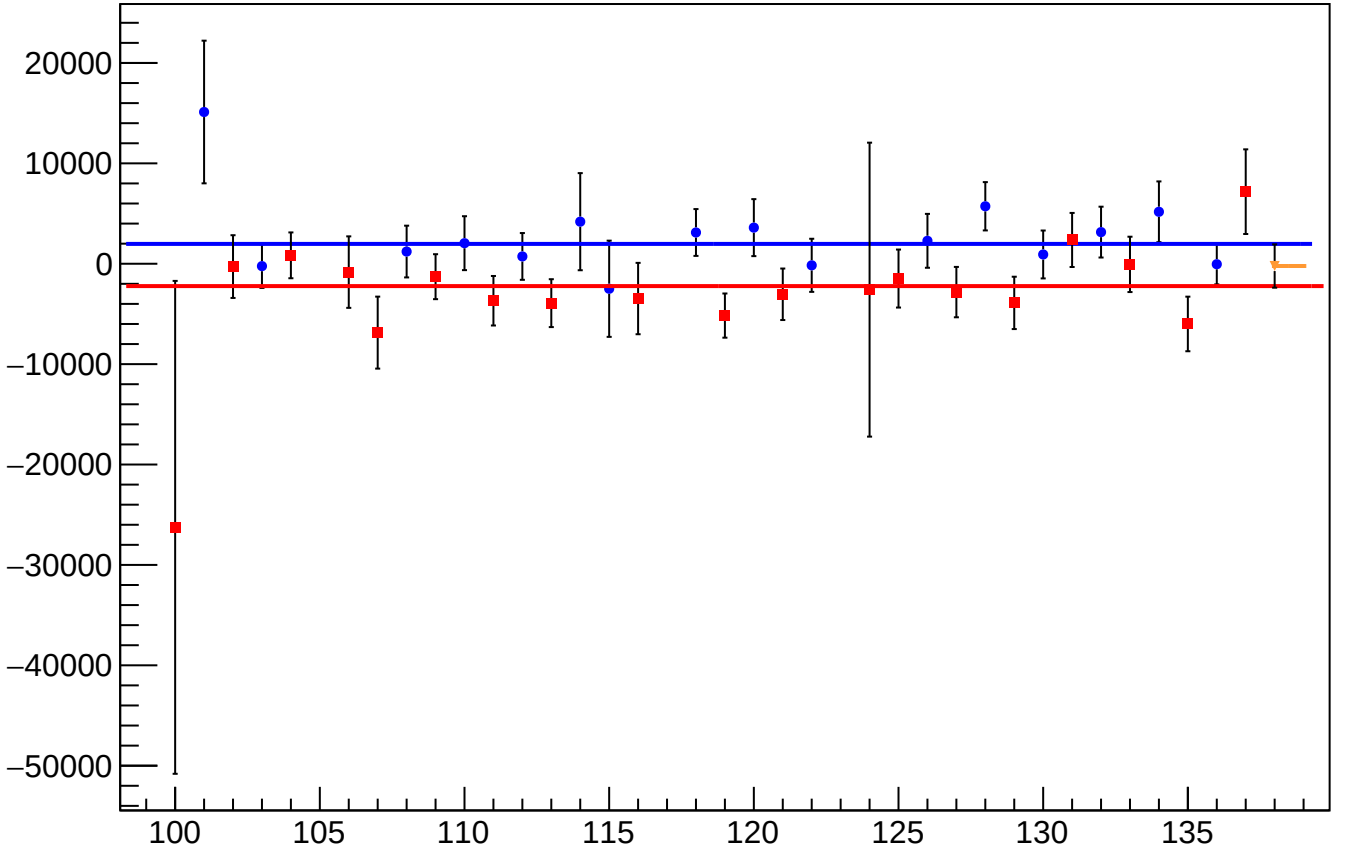
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3124.924+/-0.814 χ^2/NDF: 1172670.2/16

All: 1931.040+/-0.437 χ^2/NDF: 11014096.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 1975.946+/-667.710 χ^2/NDF: 12.1/15

Left Out: -225.480+/-2159.061 χ^2/NDF:0.0/0

Right Out: -2226.267+/-656.286 χ^2/NDF: 19.0/18

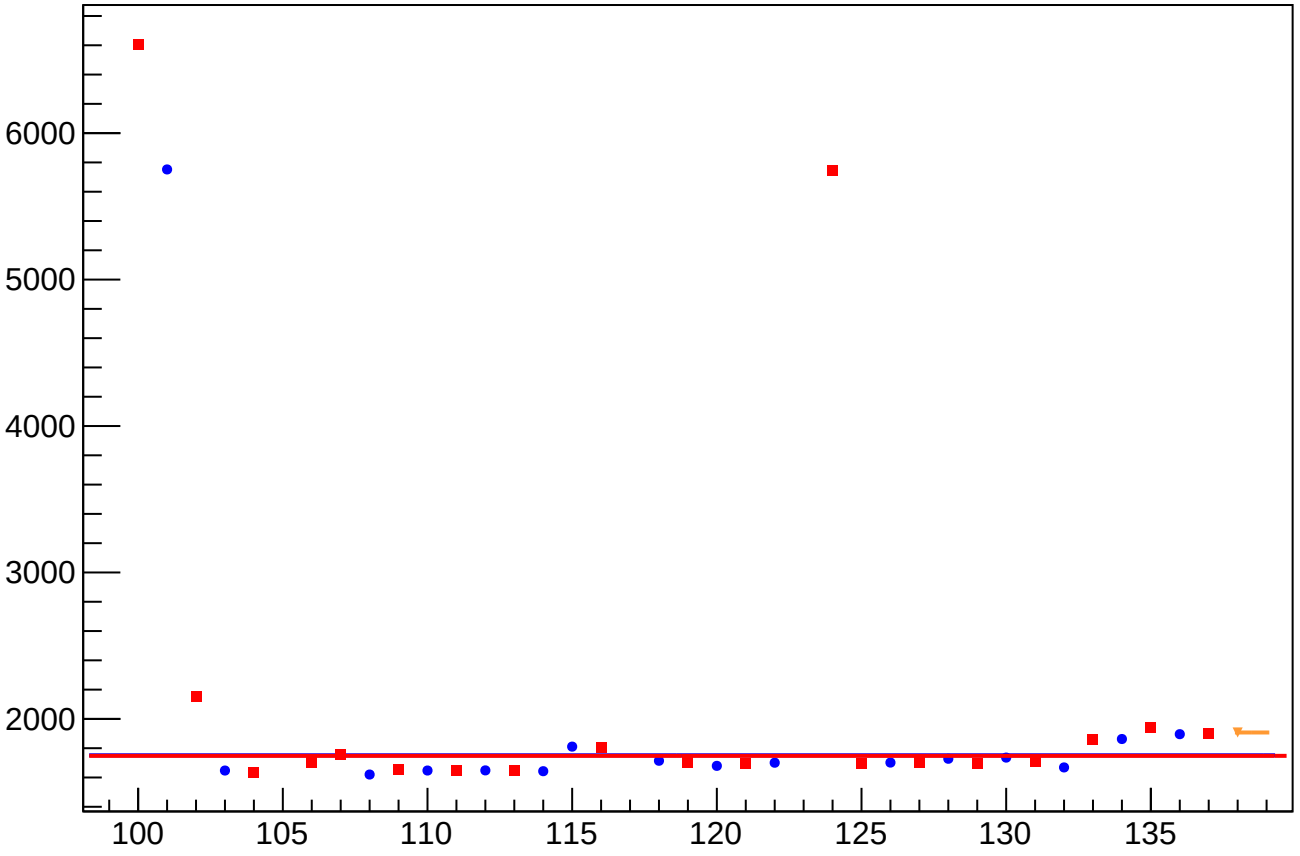
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1783.778+/-637.901 χ^2/NDF: 13.1/16

All: -164.290+/-457.426 χ^2/NDF: 51.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1751.606+/-0.472 χ^2/NDF: 670651.6/15

Left Out: 1907.303+/-1.527 χ^2/NDF:0.0/0

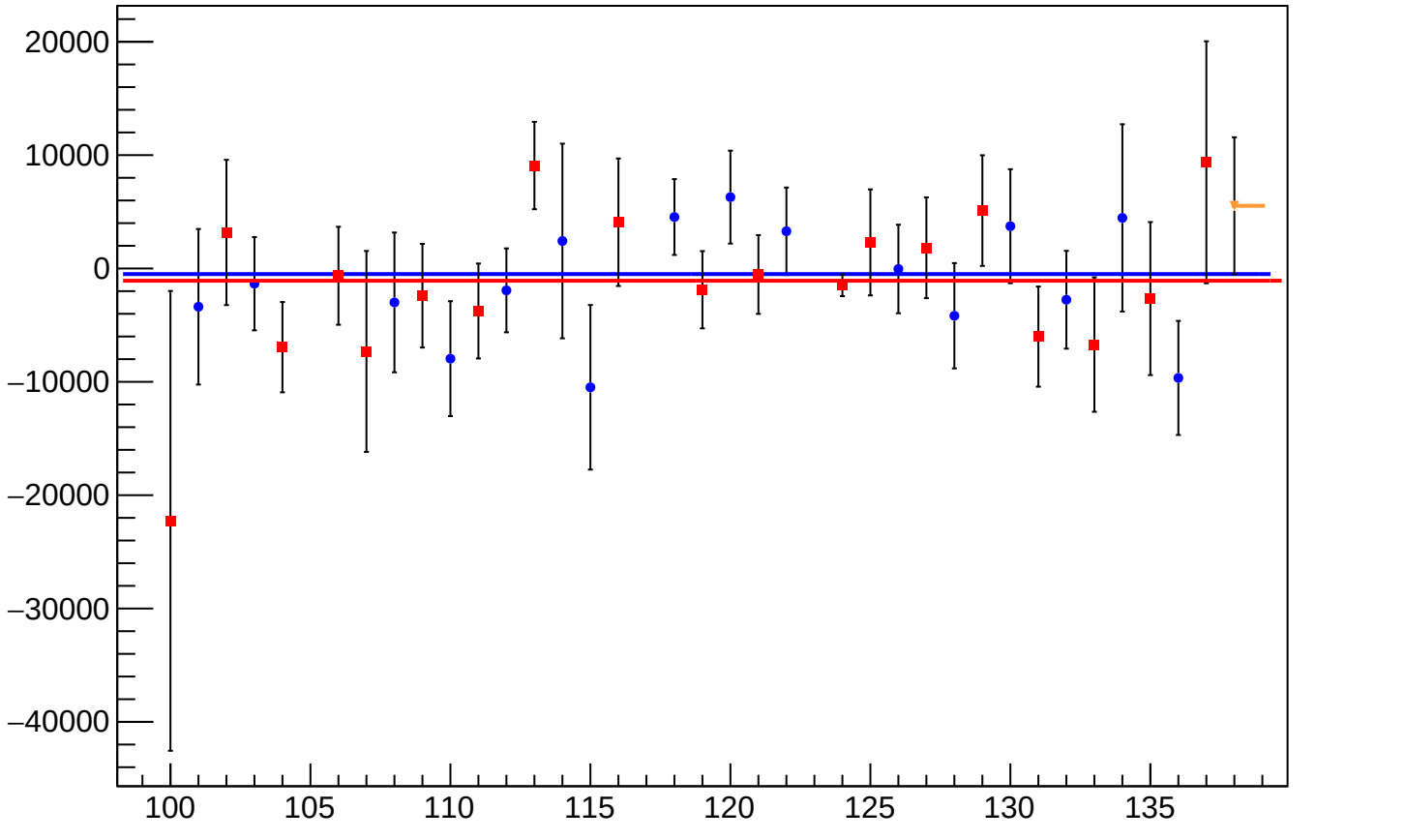
Right Out: 1747.786+/-0.462 χ^2/NDF: 297917.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1765.197+/-0.451 χ^2/NDF: 680144.3/16

All: 1756.707+/-0.323 χ^2/NDF: 978788.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -492.916+/-1173.239 χ^2/NDF: 16.0/15

Left Out: 5529.806+/-6046.730 χ^2/NDF:0.0/0

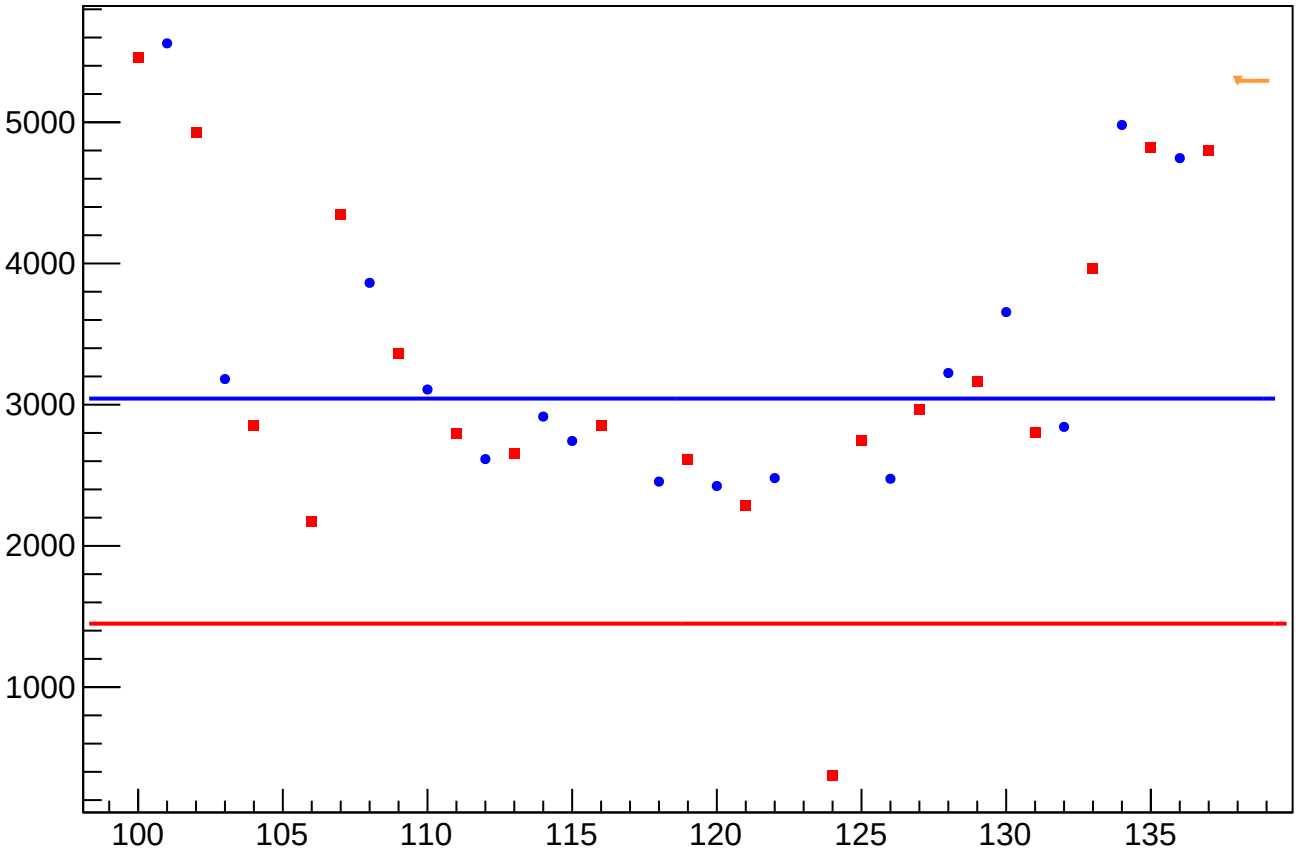
Right Out: -1080.924+/-731.458 χ^2/NDF: 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -274.404+/-1151.759 χ^2/NDF: 16.9/16

All: -849.125+/-617.462 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3043.270+/-0.830 χ^2/NDF: 905659.7/15

Left Out: 5293.851+/-4.276 χ^2/NDF:0.0/0

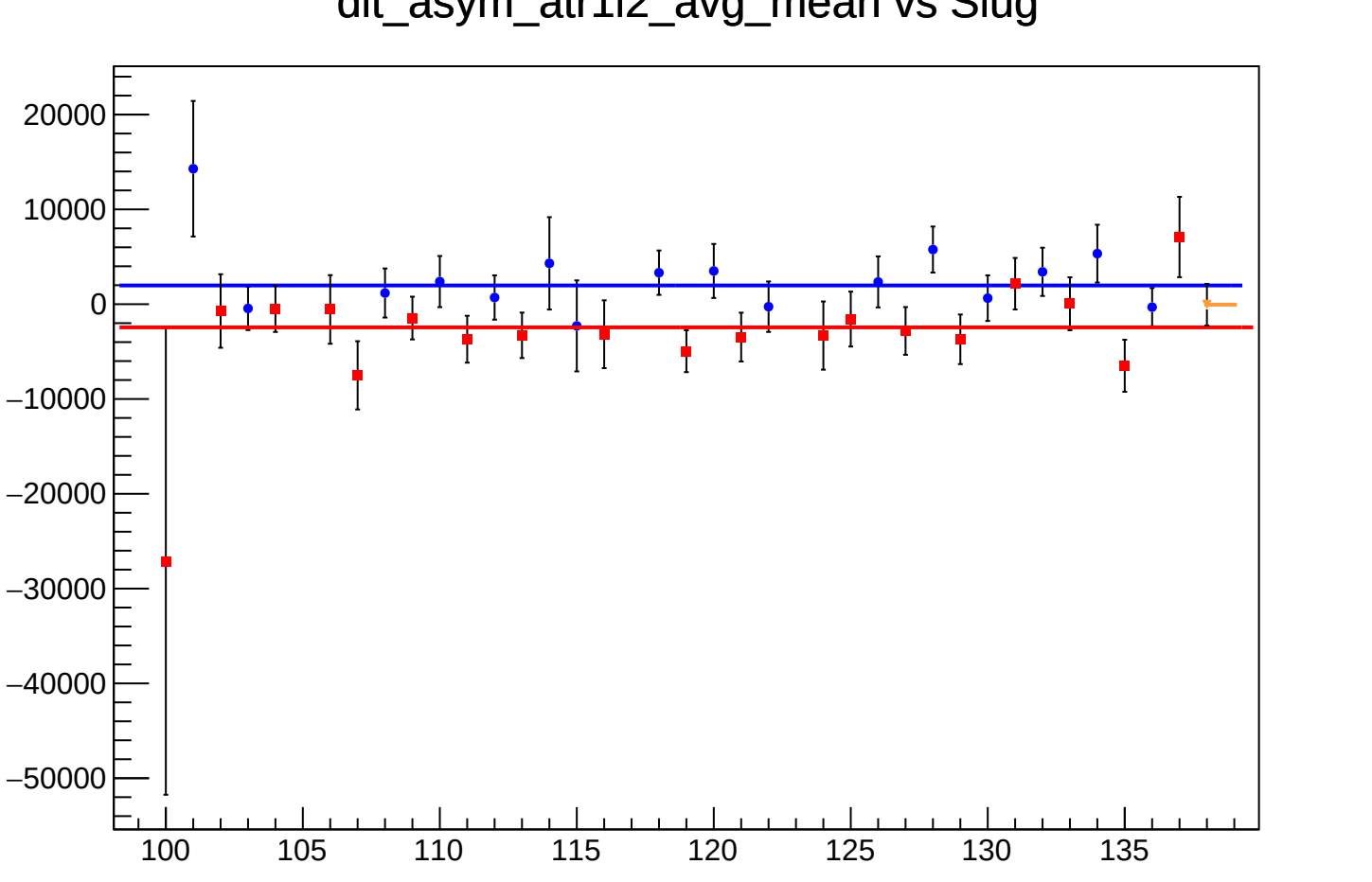
Right Out: 1449.516+/-0.517 χ^2/NDF: 6825716.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

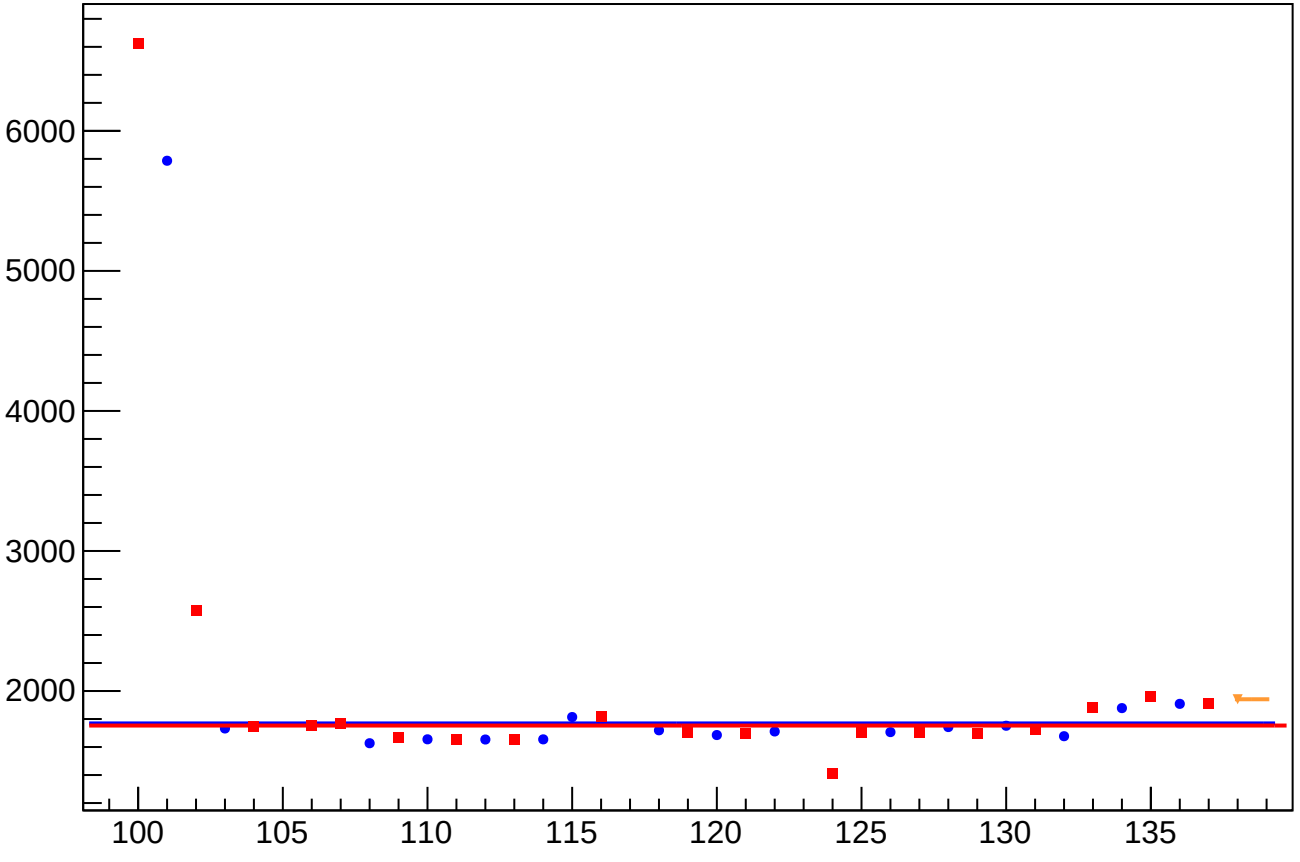
+ sign 3124.924+/-0.814 χ^2/NDF: 1172670.2/16

All: 1931.040+/-0.437 χ^2/NDF: 11014096.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


dit_asym_atr1l2_avg_mean vs Slug
20000
10000
0
−10000
−20000
−30000
−40000
−50000
100
105
110
115
120
125
130
135
Right In: 1975.804+/-674.086 χ²/NDF: 12.4/15
Left Out: -50.777+/-2197.442 χ²/NDF:0.0/0
Right Out: -2444.199+/-657.682 χ²/NDF: 17.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 1801.502+/-644.446 χ²/NDF: 13.2/16
All: -278.196+/-460.301 χ²/NDF: 51.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1768.480+/-0.477 χ^2/NDF: 667367.4/15

Left Out: 1941.089+/-1.554 χ^2/NDF:0.0/0

Right Out: 1753.383+/-0.464 χ^2/NDF: 218864.4/18

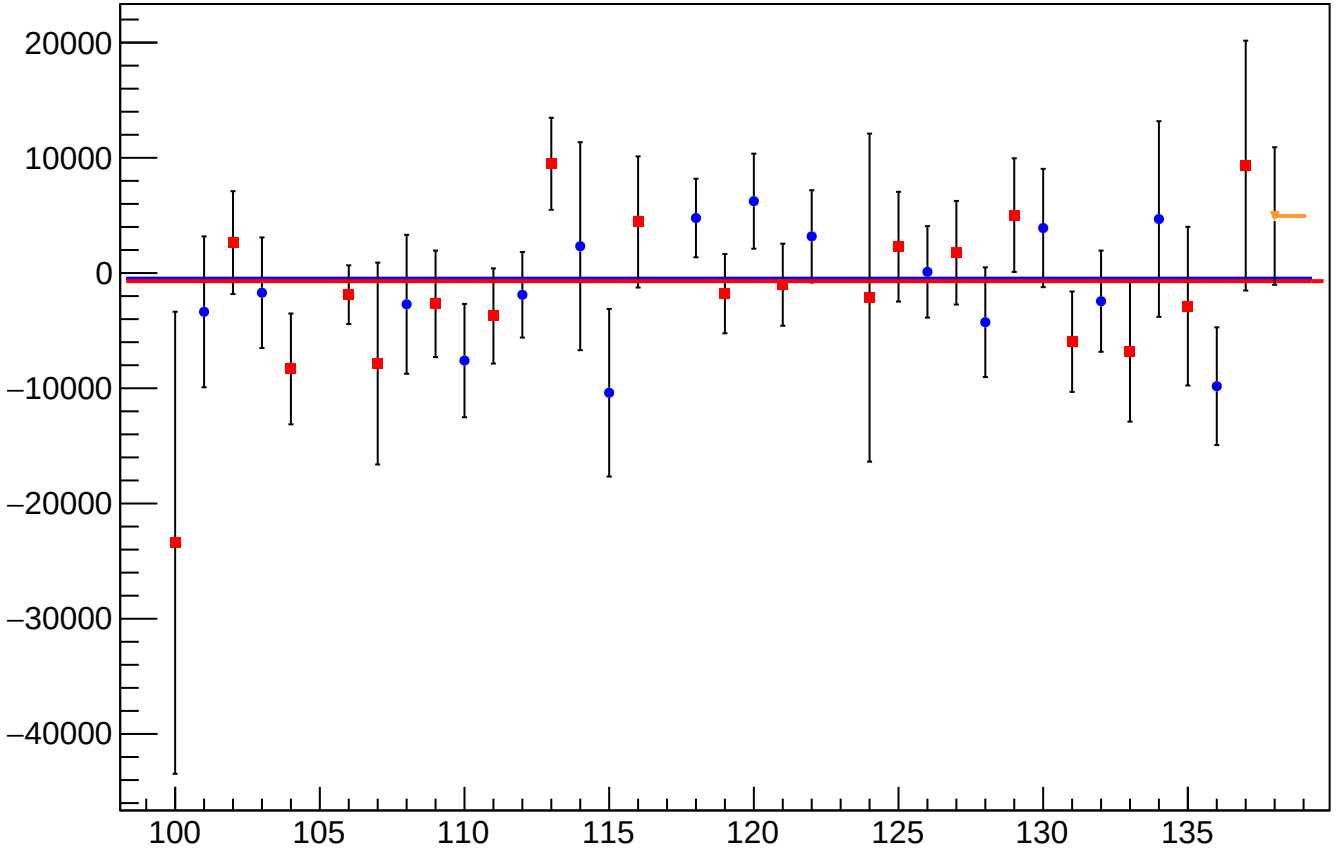
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1783.326+/-0.456 χ^2/NDF: 678646.3/16

All: 1768.619+/-0.325 χ^2/NDF: 899631.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: -488.104+/-1198.506 χ^2/NDF: 15.8/15

Left Out: 4947.536+/-5970.361 χ^2/NDF:0.0/0

Right Out: -703.324+/-1069.467 χ^2/NDF: 18.8/18

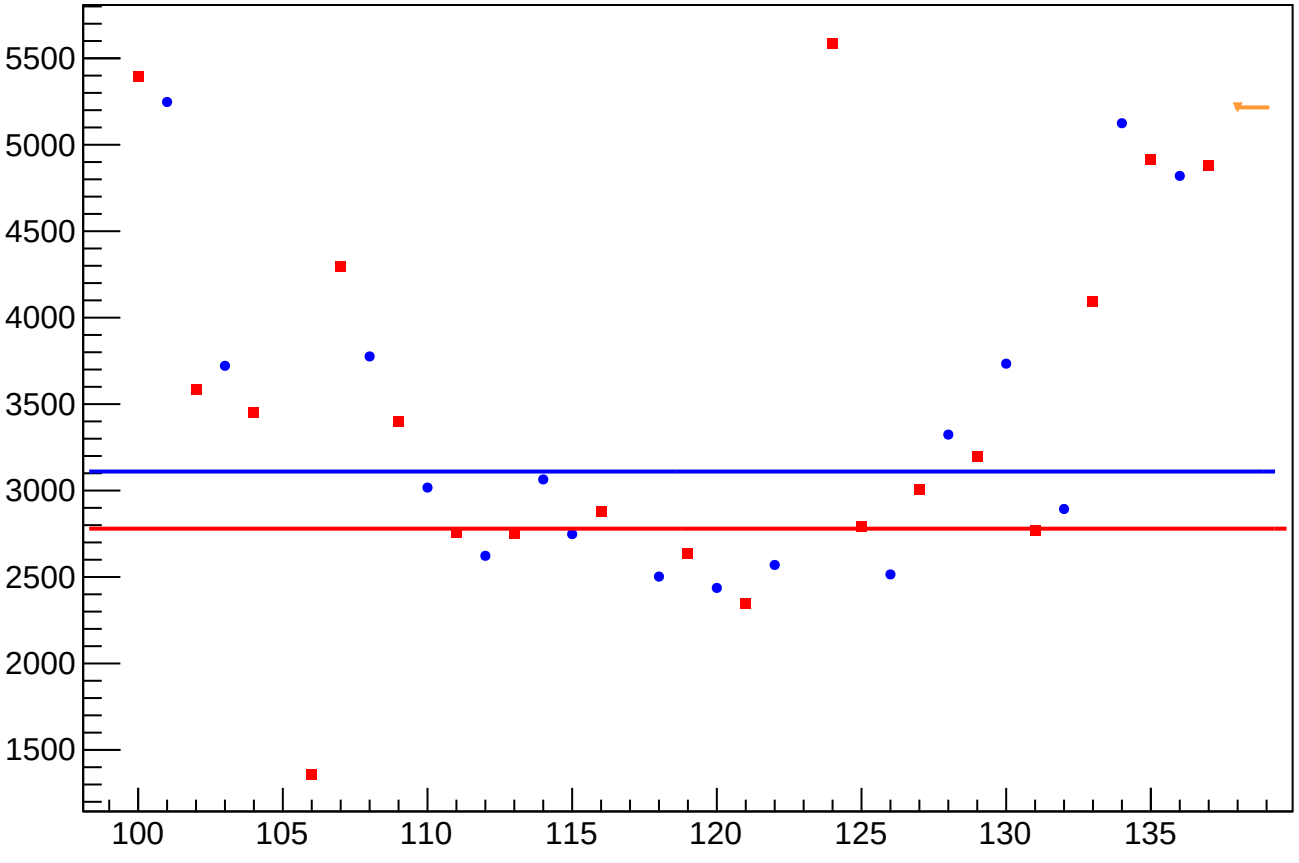
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -277.546+/-1175.063 χ^2/NDF: 16.5/16

All: -510.422+/-790.930 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 3110.133+/-0.847 χ^2/NDF: 883262.4/15

Left Out: 5215.945+/-4.222 χ^2/NDF:0.0/0

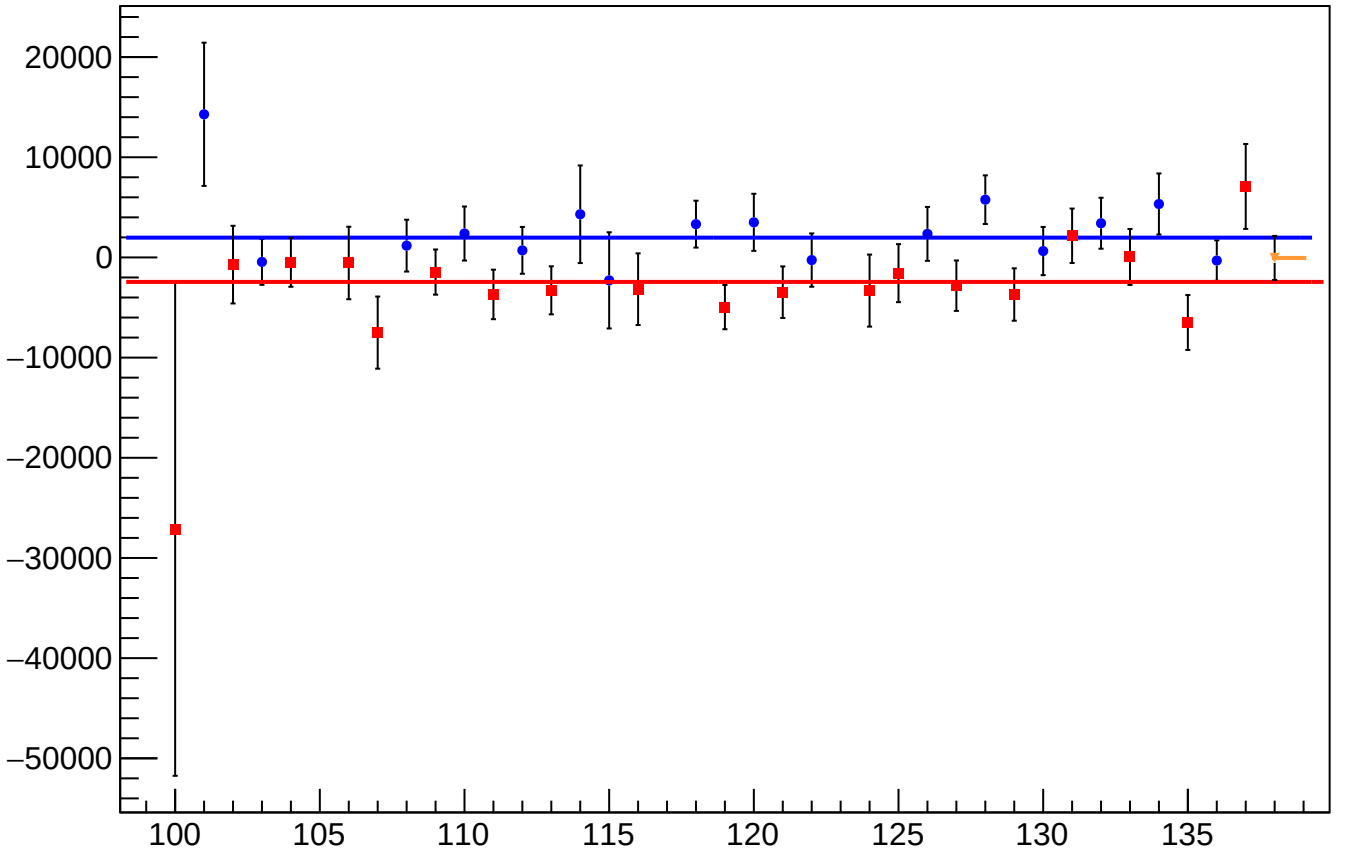
Right Out: 2779.630+/-0.756 χ^2/NDF: 1348141.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3191.705+/-0.831 χ^2/NDF: 1122434.4/16

All: 2966.324+/-0.559 χ^2/NDF: 2605100.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1975.805+/-674.086 χ^2/NDF: 12.4/15

Left Out: -50.746+/-2197.442 χ^2/NDF:0.0/0

Right Out: -2444.199+/-657.682 χ^2/NDF: 17.5/18

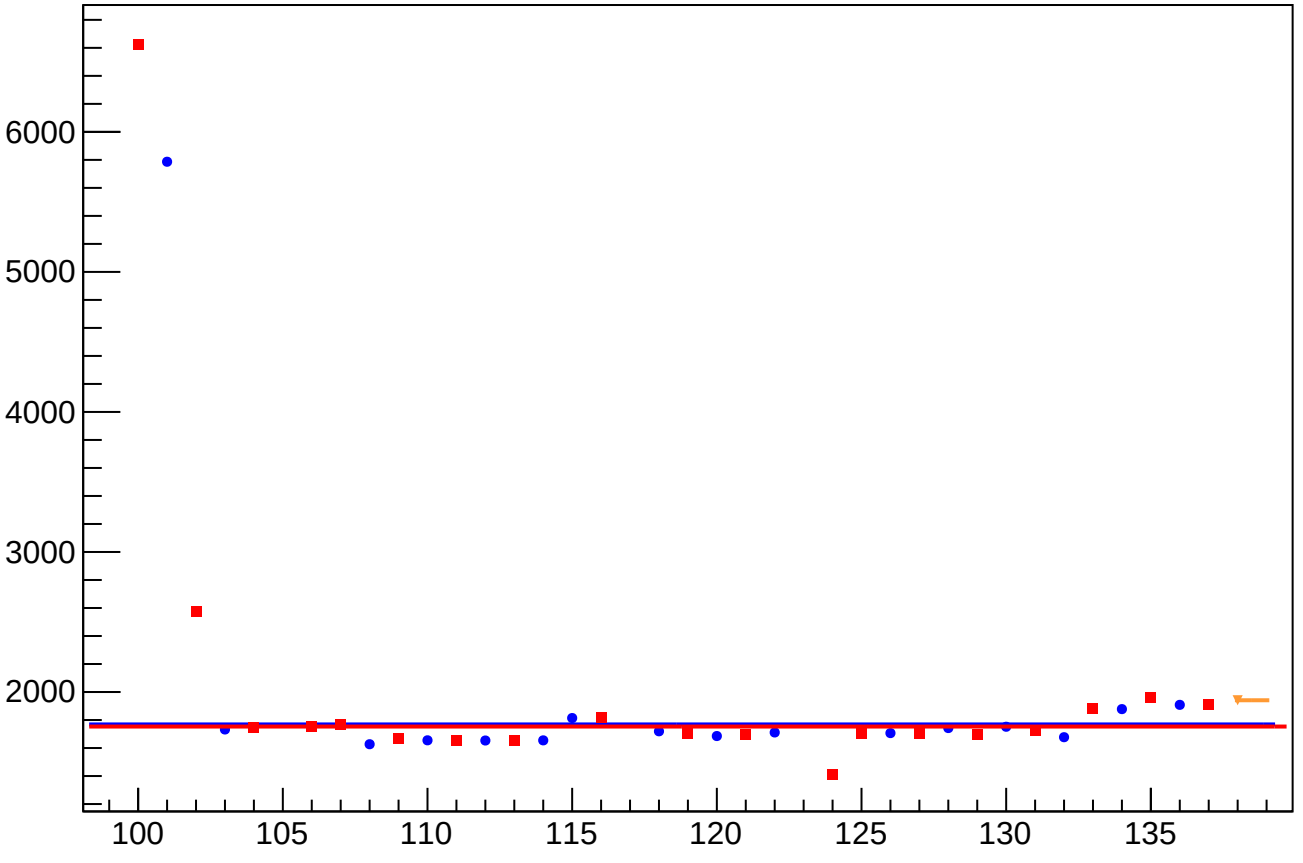
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1801.505+/-644.446 χ^2/NDF: 13.2/16

All: -278.194+/-460.301 χ^2/NDF: 51.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1768.480+/-0.477 χ^2/NDF: 667367.4/15

Left Out: 1941.089+/-1.554 χ^2/NDF:0.0/0

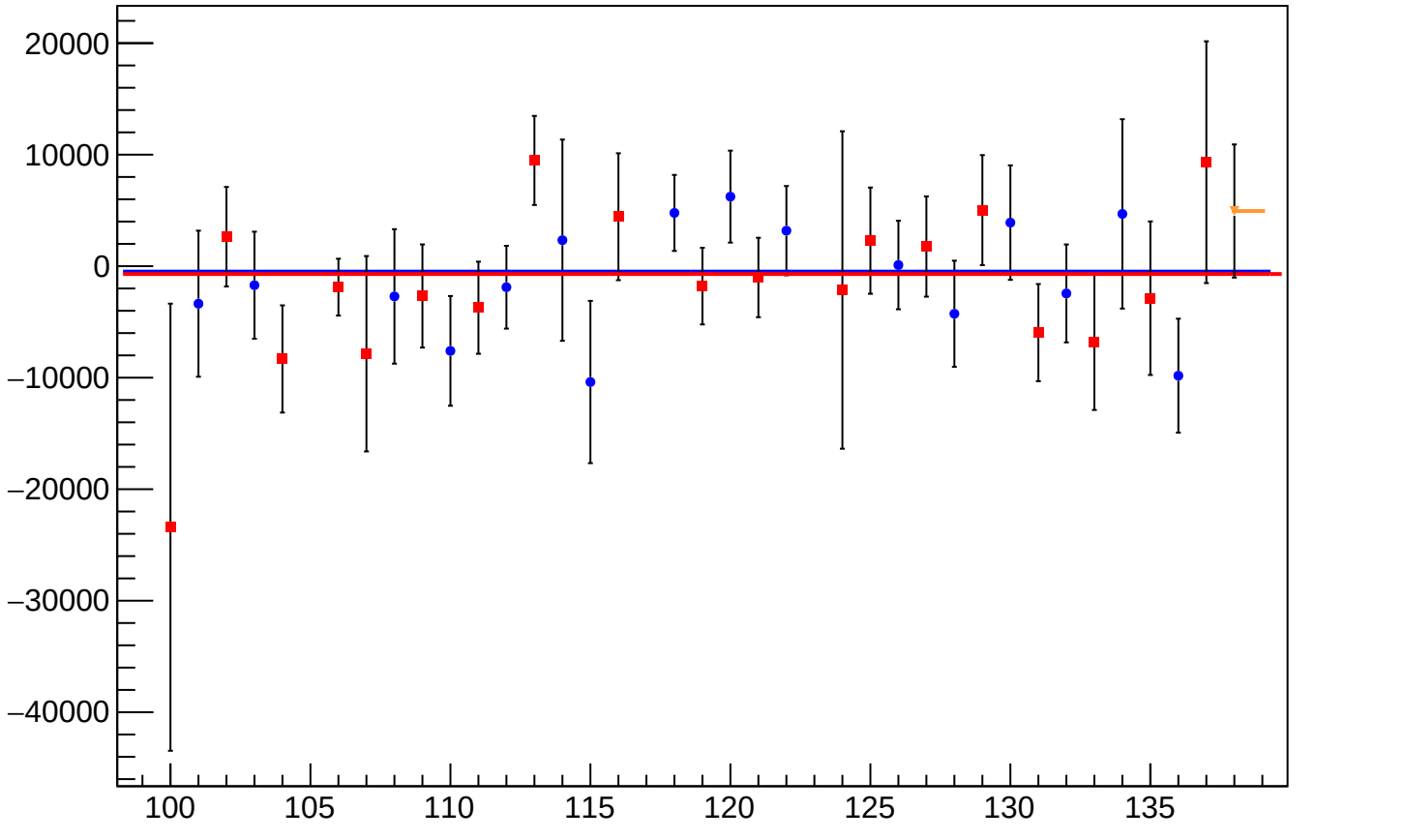
Right Out: 1753.382+/-0.464 χ^2/NDF: 218864.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1783.326+/-0.456 χ^2/NDF: 678646.2/16

All: 1768.619+/-0.325 χ^2/NDF: 899631.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -488.098+/-1198.502 χ^2/NDF: 15.8/15

Left Out: 4947.564+/-5970.381 χ^2/NDF:0.0/0

Right Out: -703.325+/-1069.463 χ^2/NDF: 18.8/18

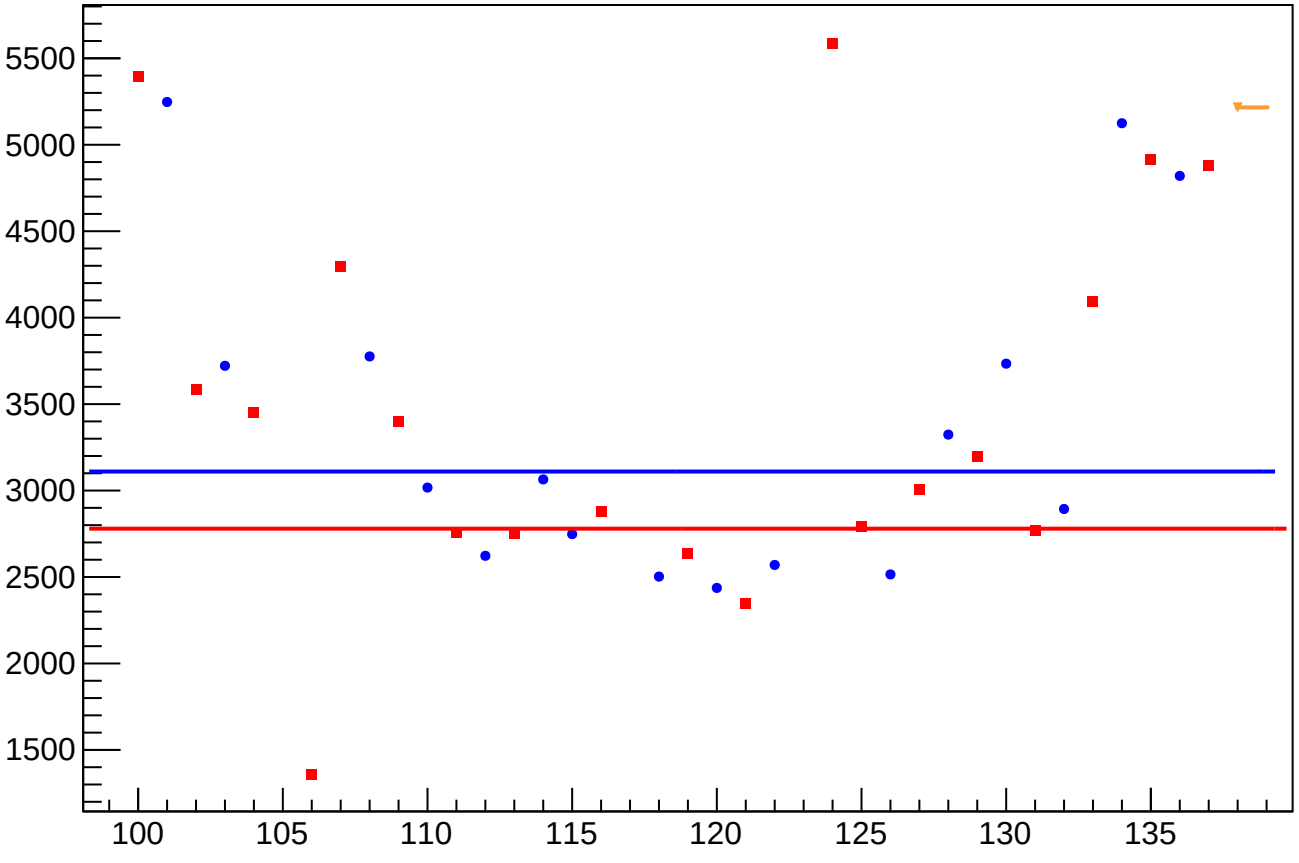
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -277.542+/-1175.060 χ^2/NDF: 16.5/16

All: -510.421+/-790.927 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 3110.121+/-0.847 χ^2/NDF: 883272.2/15

Left Out: 5215.962+/-4.222 χ^2/NDF:0.0/0

Right Out: 2779.617+/-0.756 χ^2/NDF: 1348160.7/18

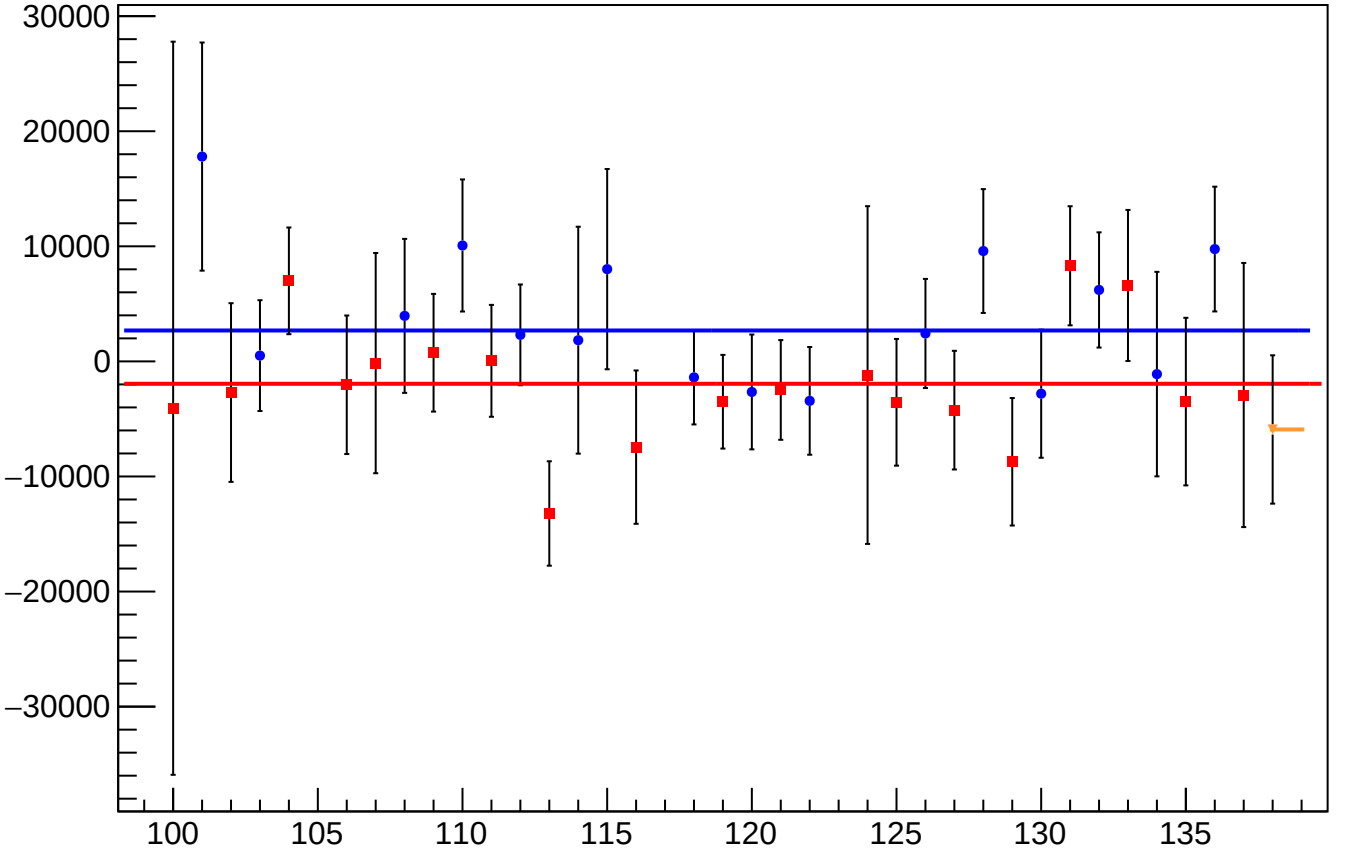
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3191.693+/-0.831 χ^2/NDF: 1122449.3/16

All: 2966.311+/-0.559 χ^2/NDF: 2605136.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_mean vs Slug



Right In: 2685.414+/-1379.907 χ^2/NDF: 13.5/15

Left Out: -5916.024+/-6445.294 χ^2/NDF:0.0/0

Right Out: -1945.685+/-1332.986 χ^2/NDF: 18.7/18

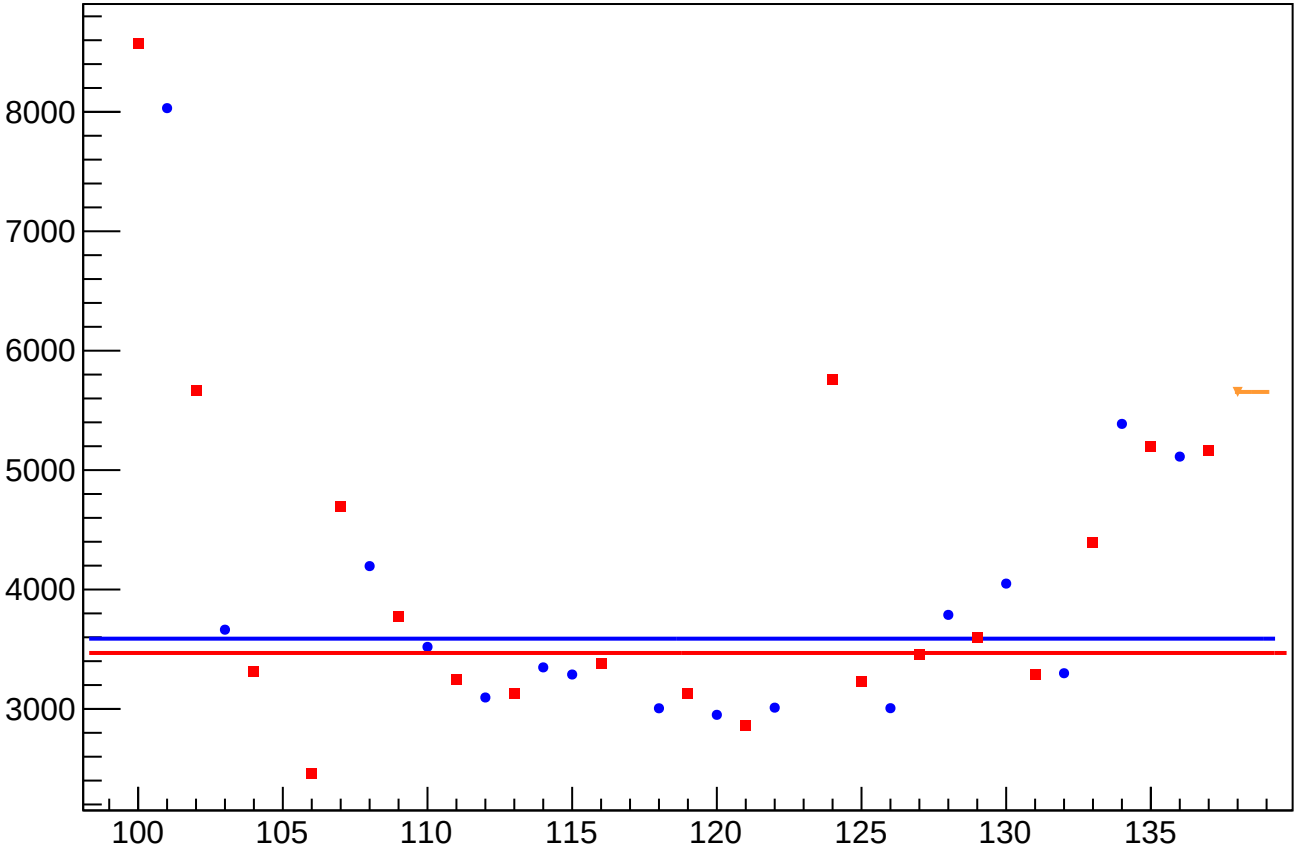
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2308.432+/-1349.329 χ^2/NDF: 15.2/16

All: 155.455+/-948.289 χ^2/NDF: 38.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 3588.430+/-0.976 χ^2/NDF: 845218.6/15

Left Out: 5654.609+/-4.558 χ^2/NDF:0.0/0

Right Out: 3468.624+/-0.928 χ^2/NDF: 666541.5/18

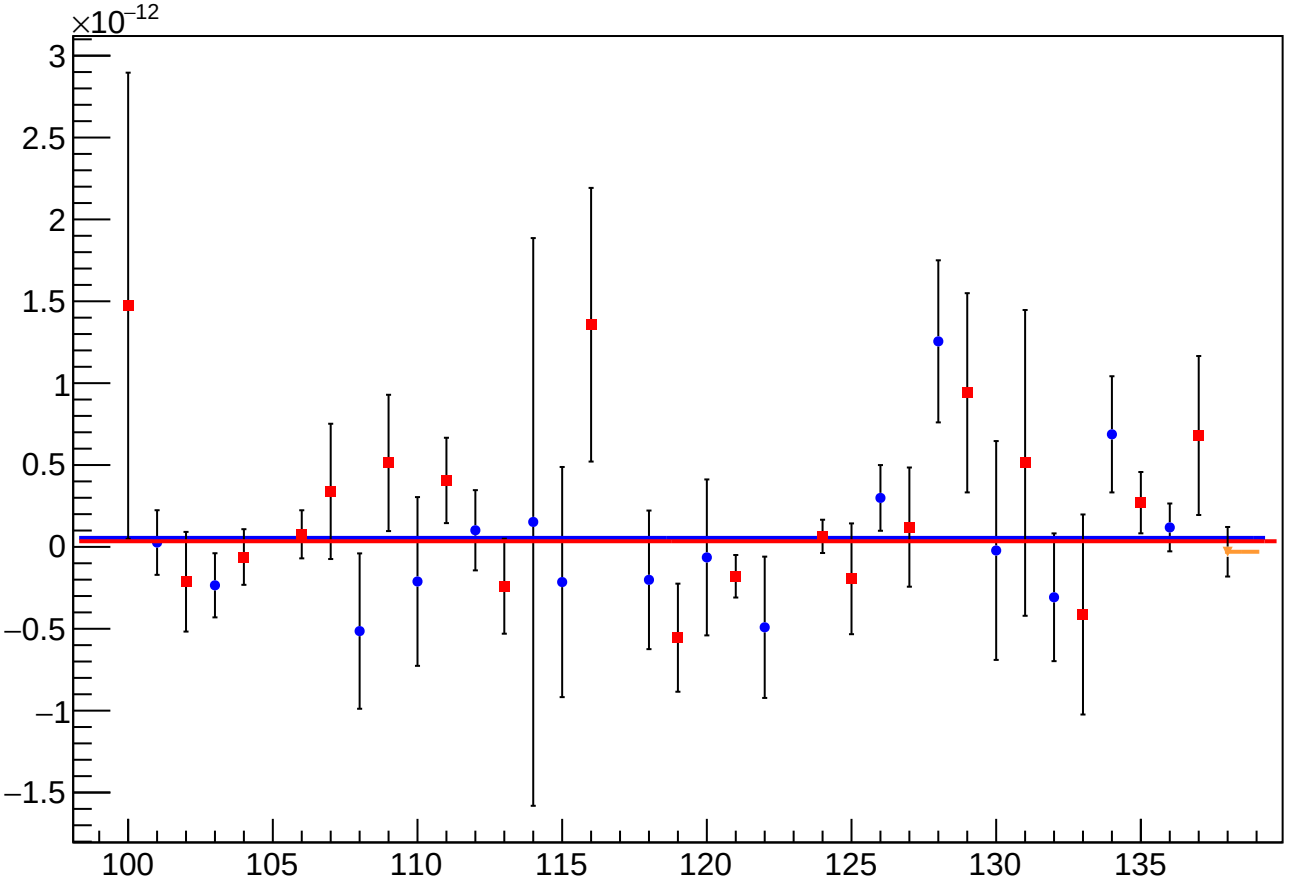
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3678.986+/-0.954 χ^2/NDF: 1041742.9/16

All: 3570.915+/-0.665 χ^2/NDF: 1733257.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 17.7/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

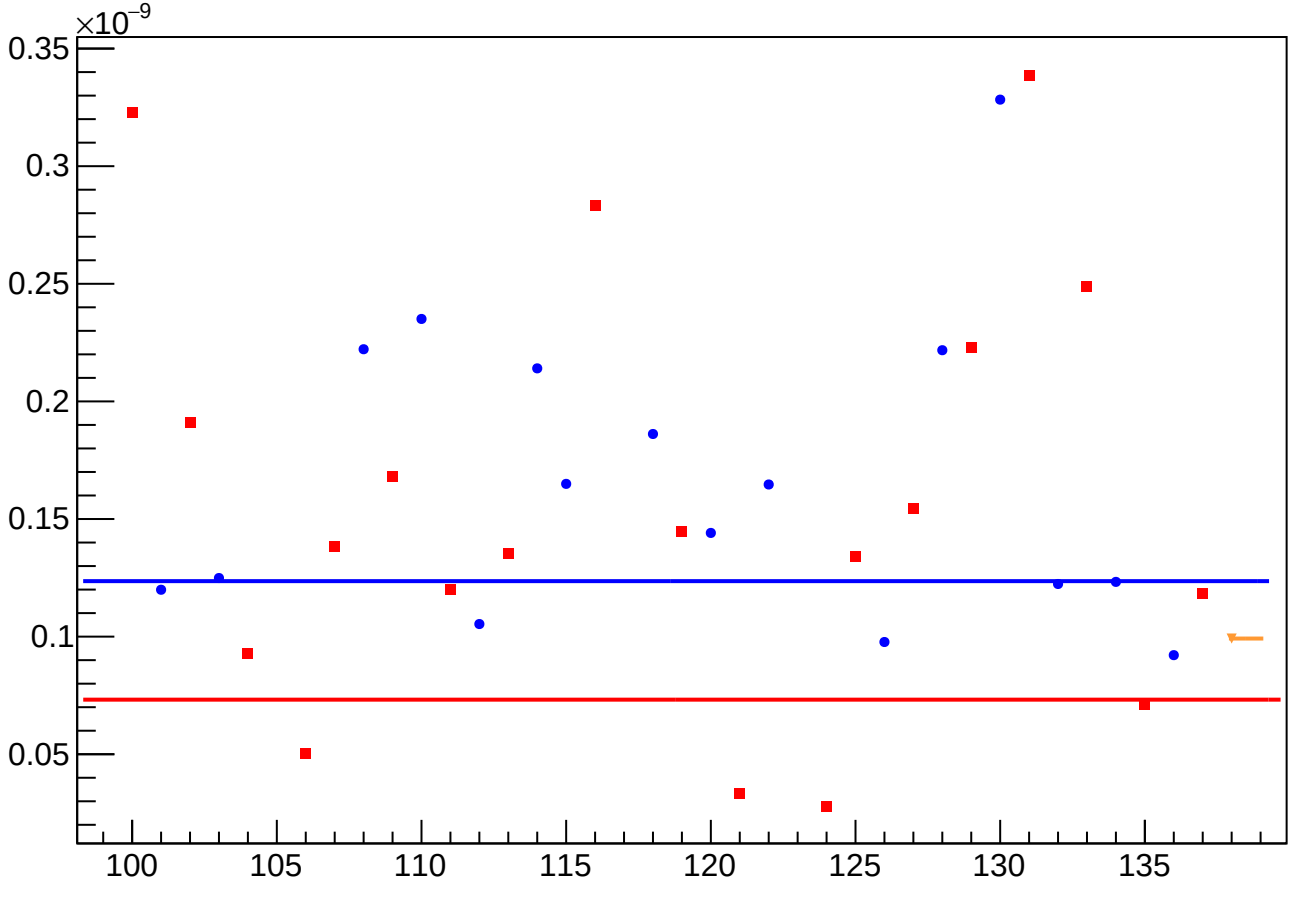
Right Out: 0.000+/-0.000 χ^2/NDF: 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.0/16

All: 0.000+/-0.000 χ^2/NDF: 40.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 662149.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2188857.9/18

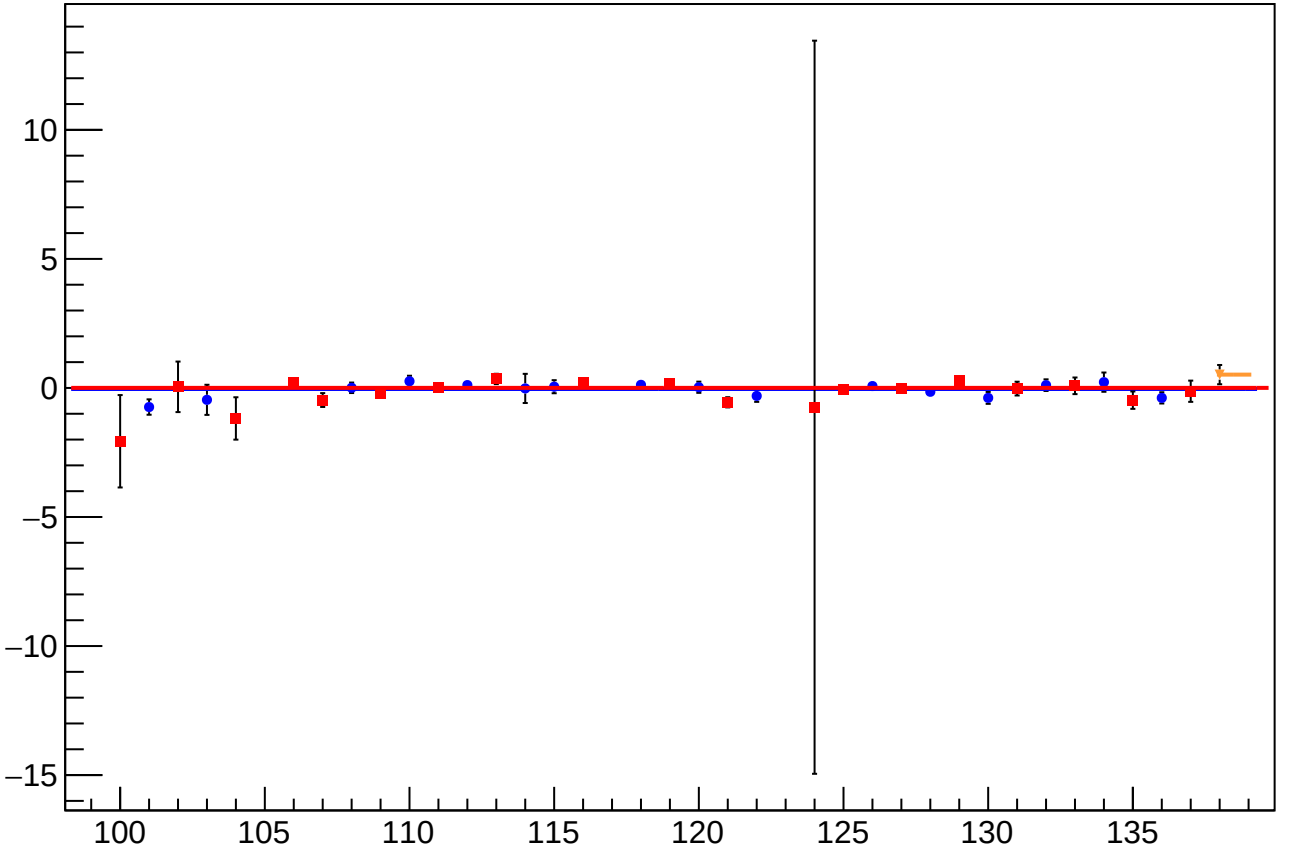
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 704305.9/16

All: 0.000+/-0.000 χ^2/NDF: 3477211.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.040+/-0.056 χ^2/NDF: 17.9/15

Left Out: 0.517+/-0.373 χ^2/NDF:0.0/0

Right Out: 0.003+/-0.051 χ^2/NDF: 28.7/18

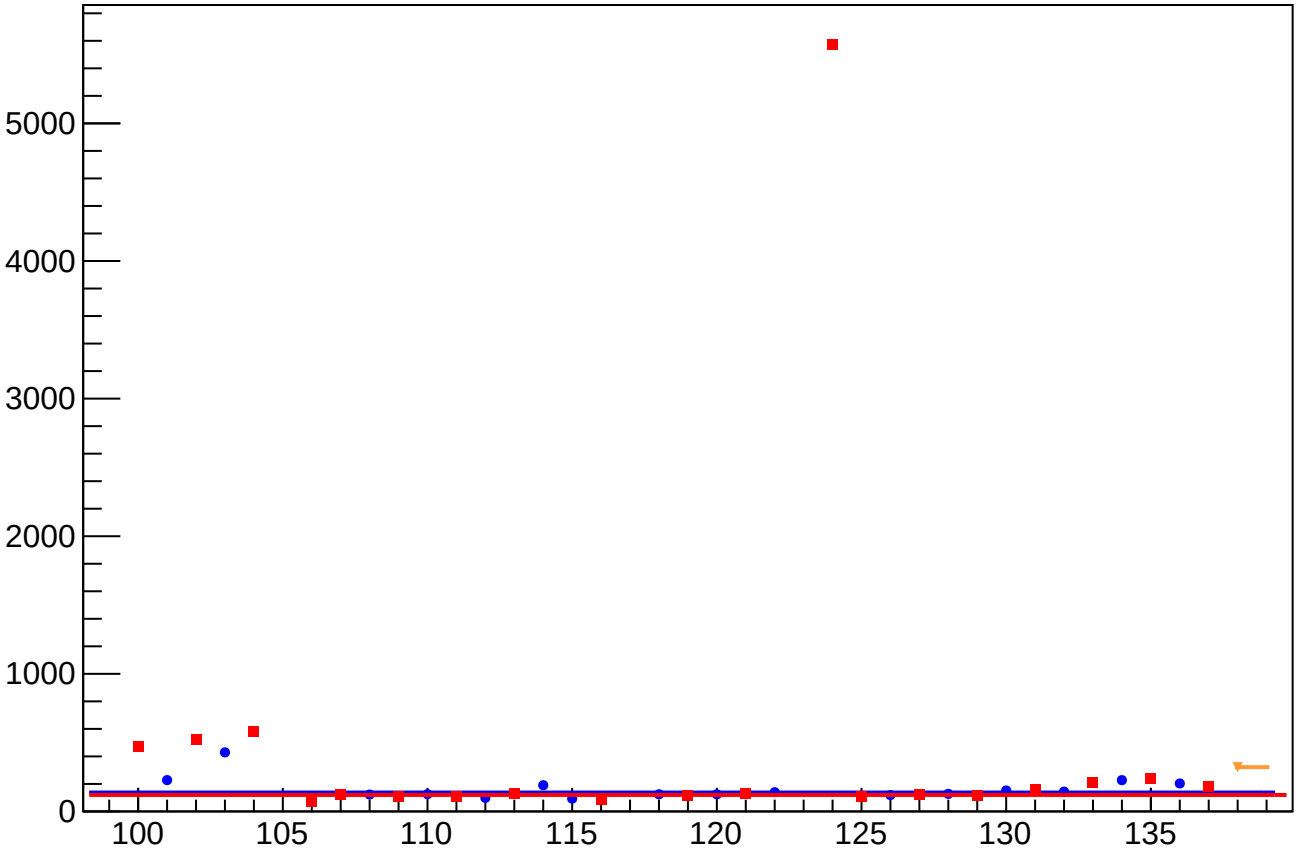
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.027+/-0.055 χ^2/NDF: 20.1/16

All: -0.011+/-0.037 χ^2/NDF: 49.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 137.399+/-0.039 χ^2/NDF: 1268257.0/15

Left Out: 322.006+/-0.264 χ^2/NDF:0.0/0

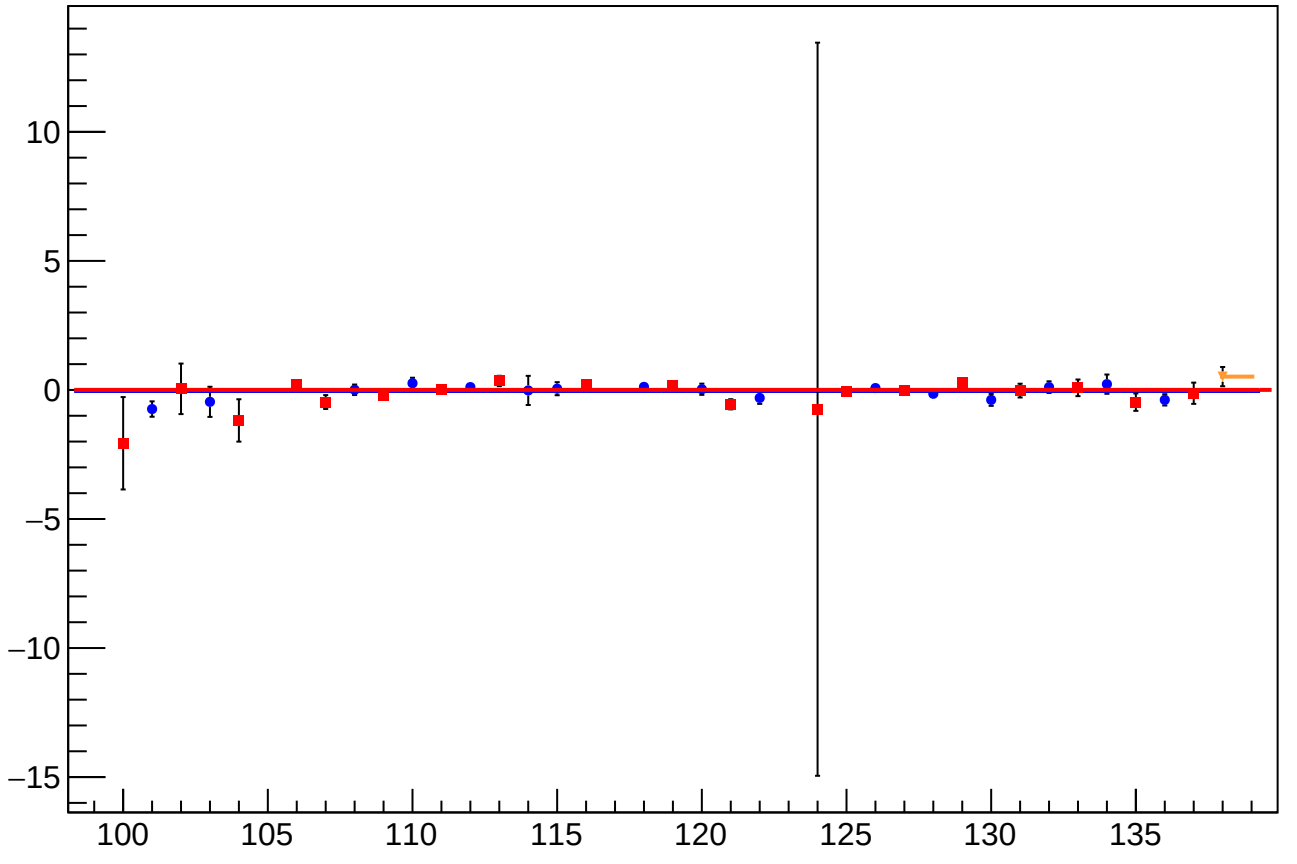
Right Out: 120.006+/-0.036 χ^2/NDF: 2139894.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.436+/-0.039 χ^2/NDF: 1746529.1/16

All: 129.858+/-0.026 χ^2/NDF: 4049235.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.040+/-0.056 χ^2/NDF: 17.9/15

Left Out: 0.517+/-0.373 χ^2/NDF:0.0/0

Right Out: 0.003+/-0.051 χ^2/NDF: 28.7/18

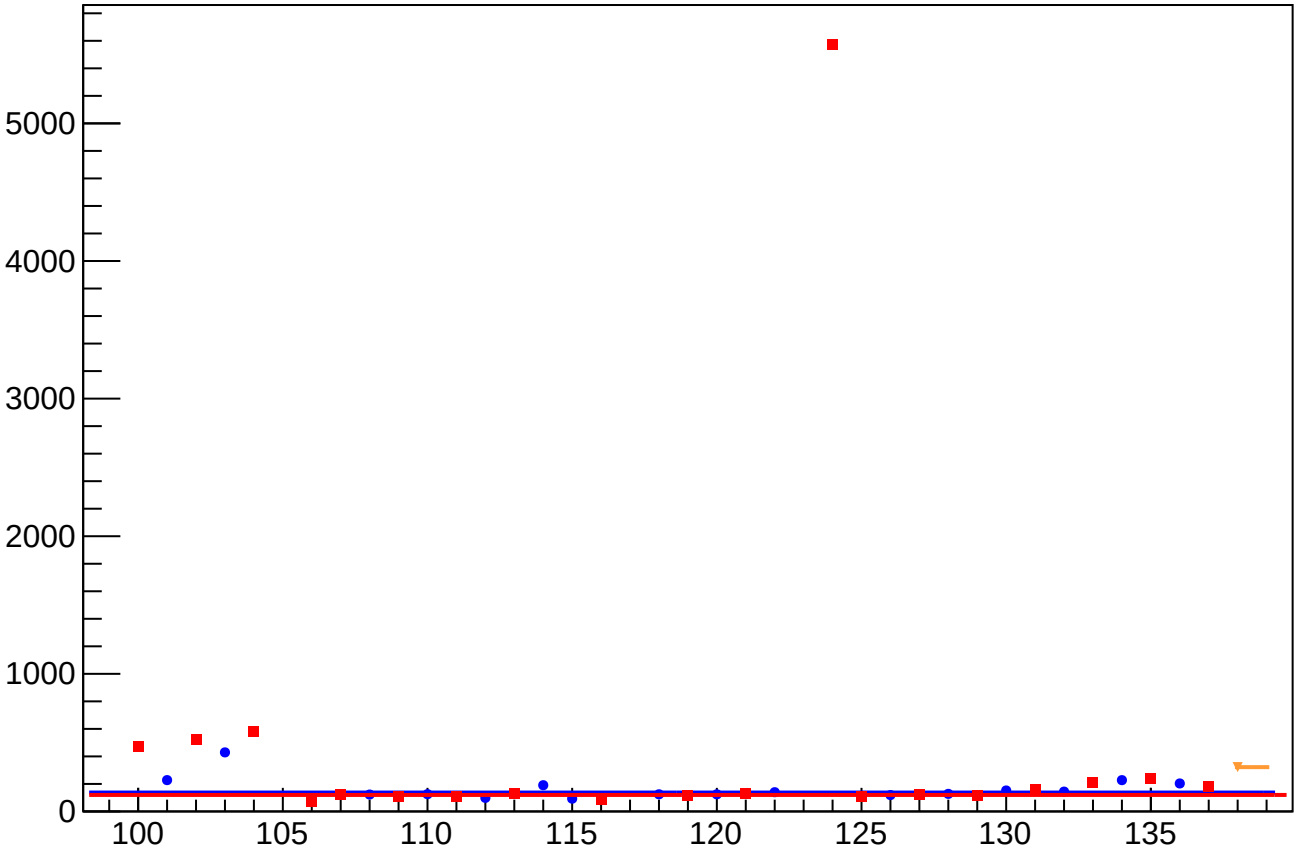
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.027+/-0.055 χ^2/NDF: 20.1/16

All: -0.011+/-0.037 χ^2/NDF: 49.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 137.399+/-0.039 χ^2/NDF: 1268257.0/15

Left Out: 322.006+/-0.264 χ^2/NDF:0.0/0

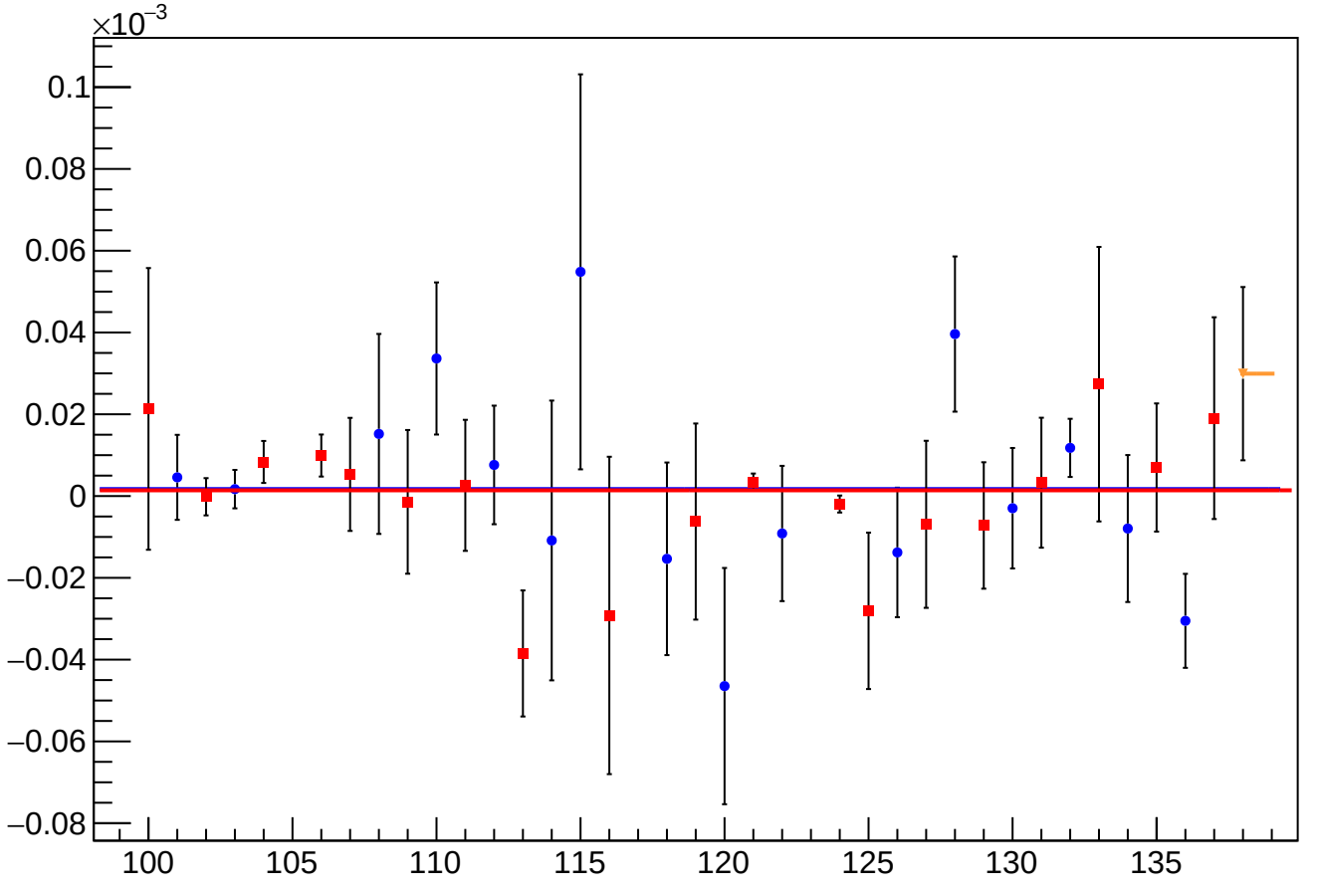
Right Out: 120.006+/-0.036 χ^2/NDF: 2139894.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.436+/-0.039 χ^2/NDF: 1746529.1/16

All: 129.858+/-0.026 χ^2/NDF: 4049235.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 20.3/18

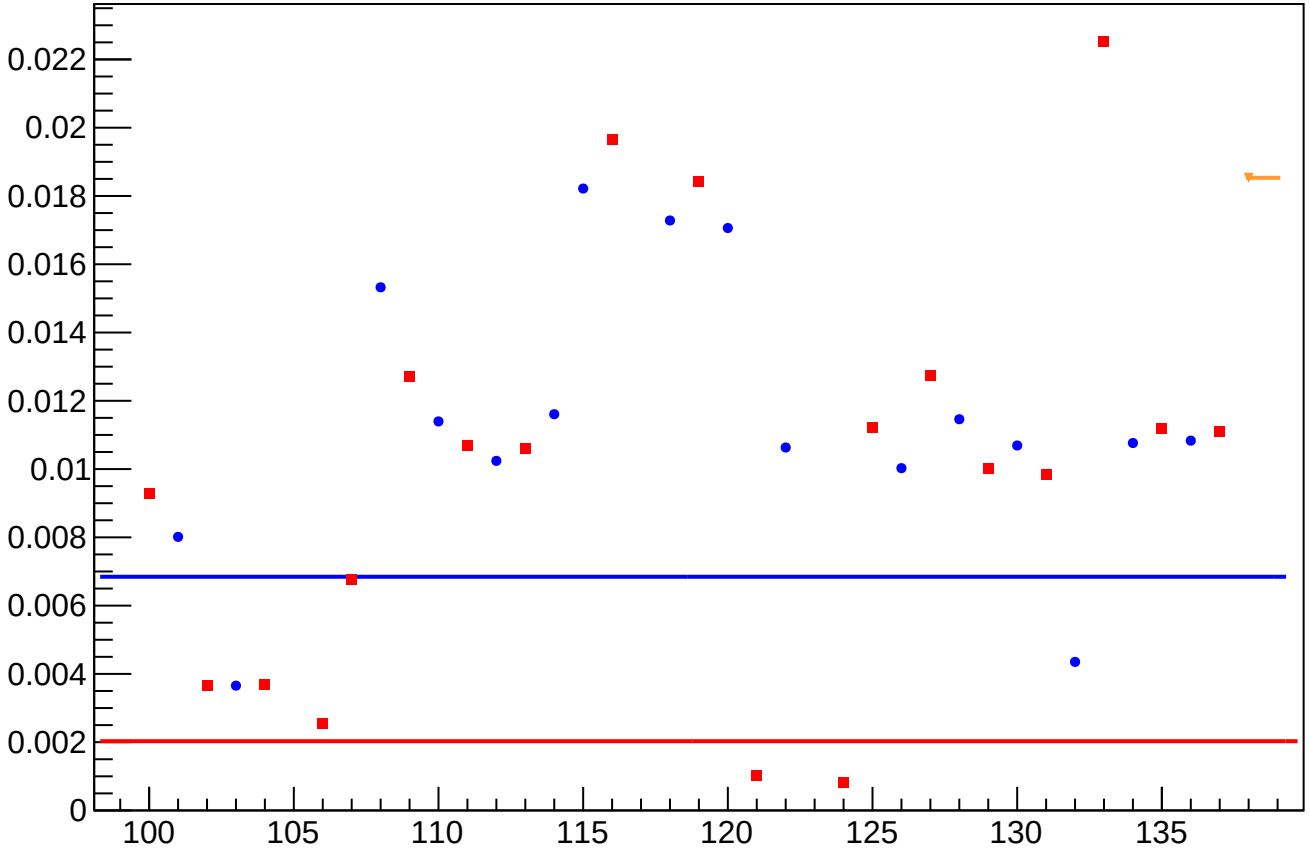
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 25.5/16

All: 0.000+/-0.000 χ^2/NDF: 45.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 3230112.6/15

Left Out: 0.019+/-0.000 χ^2/NDF:0.0/0

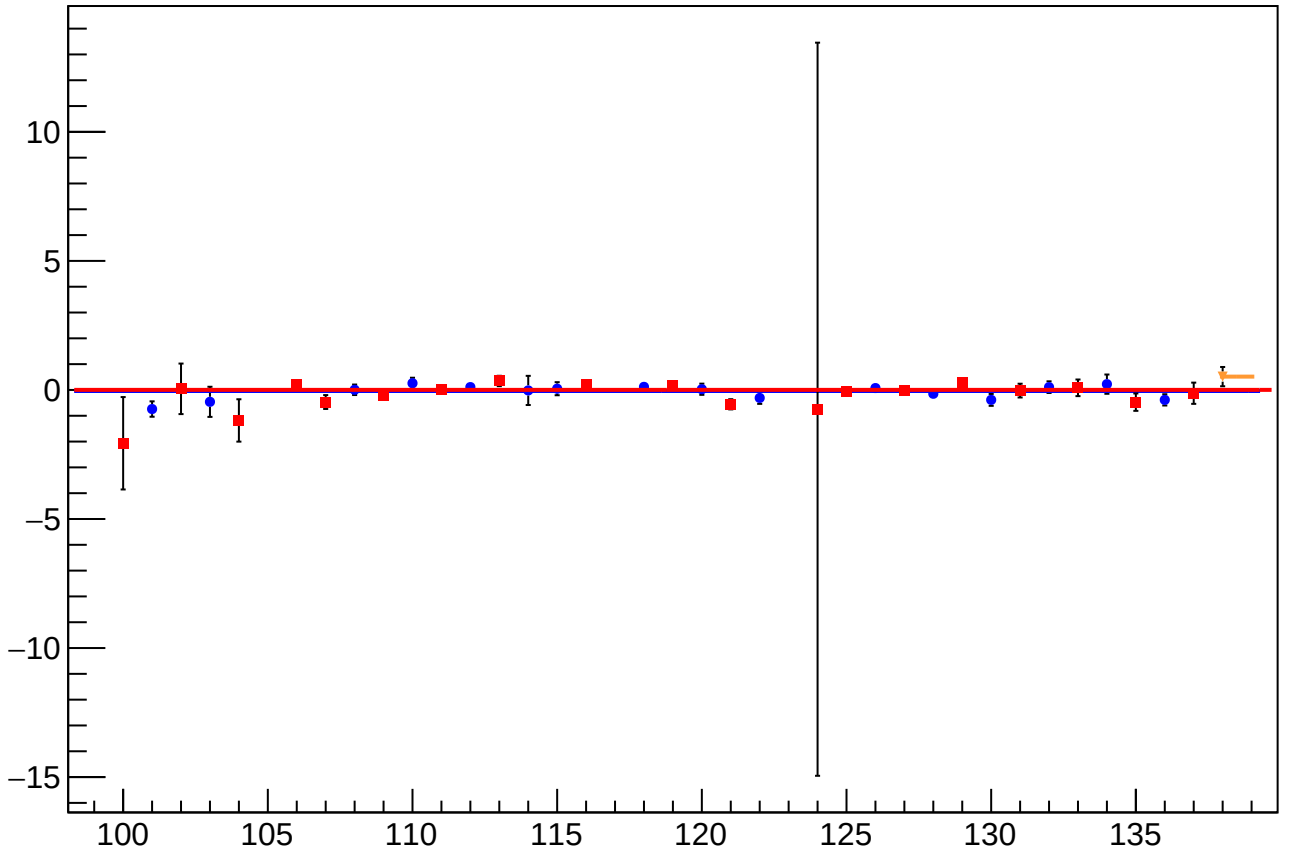
Right Out: 0.002+/-0.000 χ^2/NDF: 9007527.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 3826735.6/16

All: 0.003+/-0.000 χ^2/NDF: 17811756.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.040+/-0.056 χ^2/NDF: 17.9/15

Left Out: 0.517+/-0.373 χ^2/NDF:0.0/0

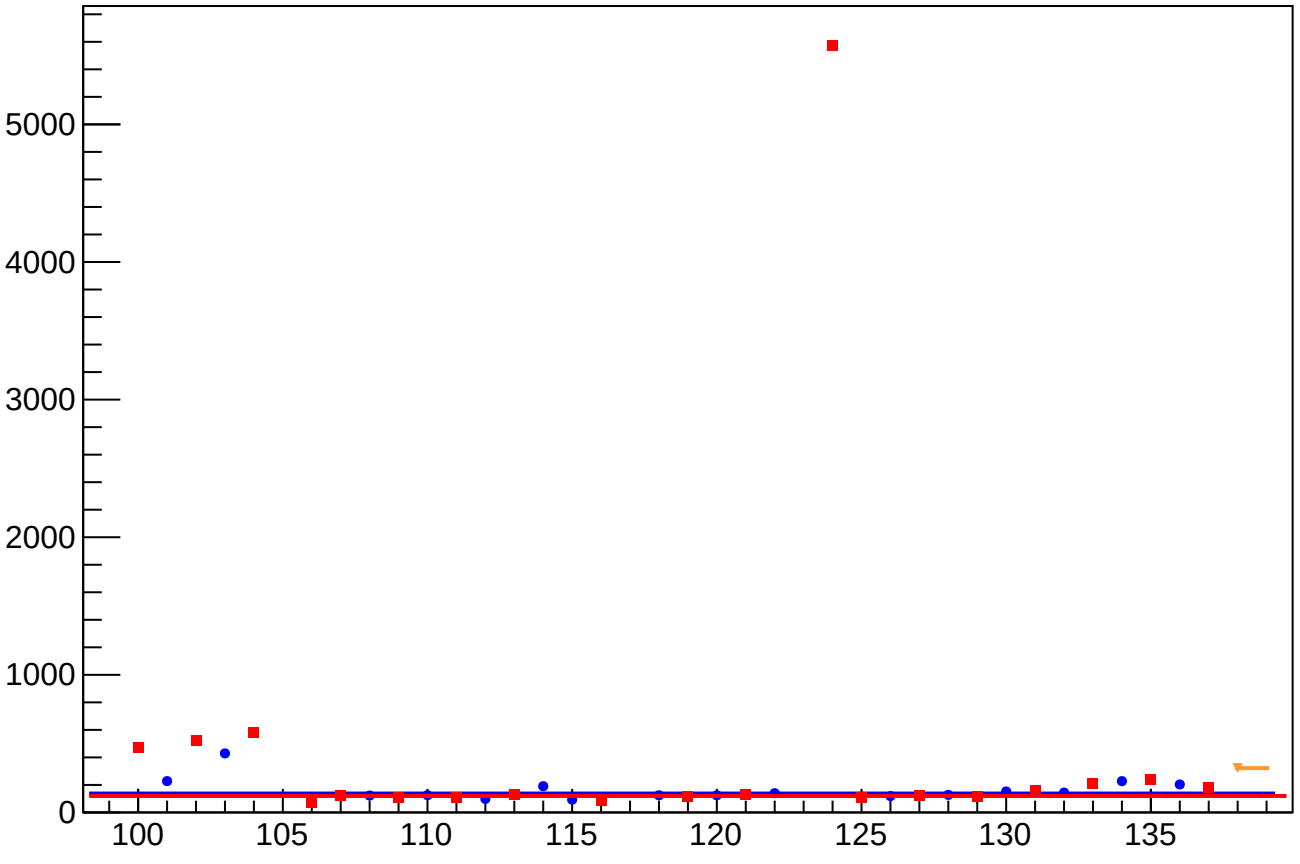
Right Out: 0.003+/-0.051 χ^2/NDF: 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.027+/-0.055 χ^2/NDF: 20.1/16

All: -0.011+/-0.037 χ^2/NDF: 49.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 137.400+/-0.039 χ^2/NDF: 1268197.9/15

Left Out: 322.008+/-0.264 χ^2/NDF:0.0/0

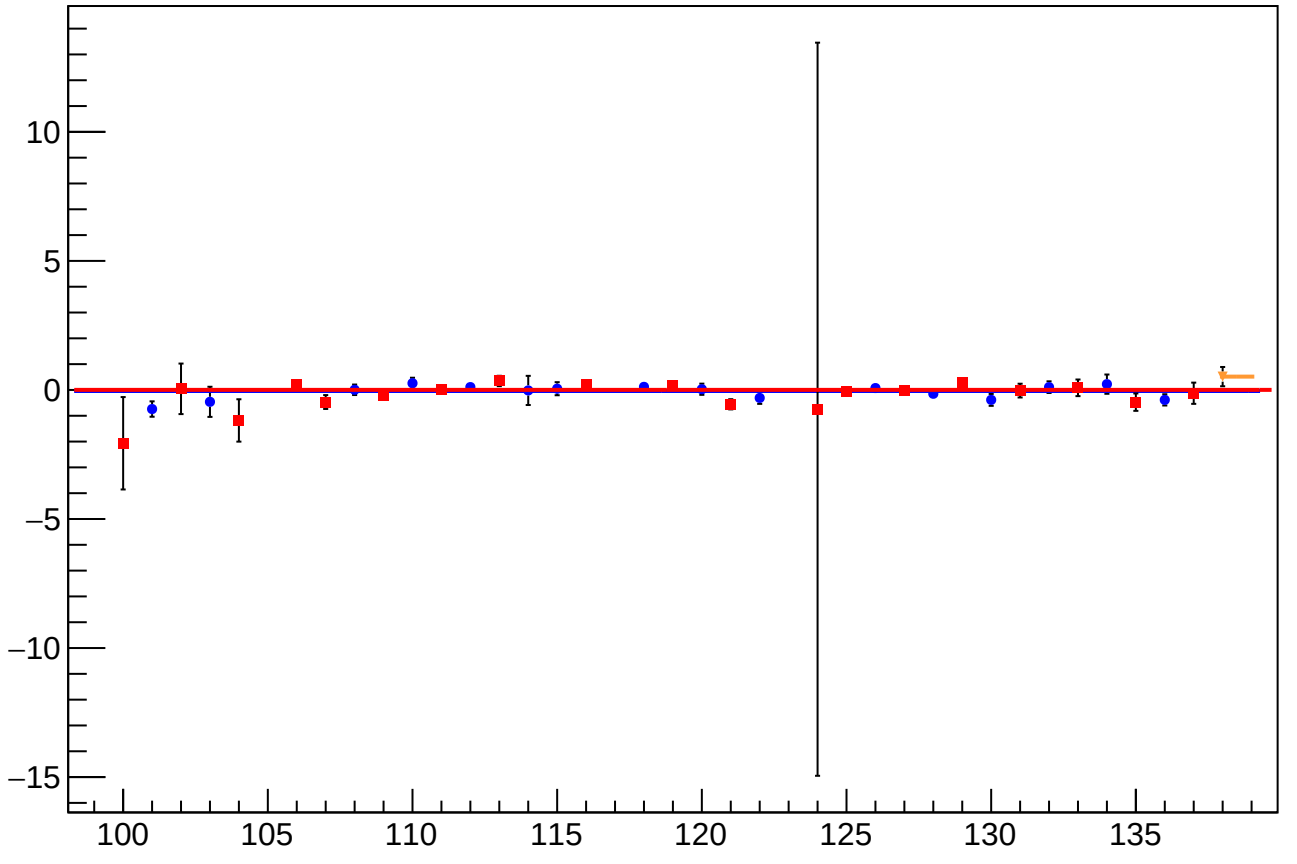
Right Out: 120.006+/-0.036 χ^2/NDF: 2139820.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.437+/-0.039 χ^2/NDF: 1746470.9/16

All: 129.858+/-0.026 χ^2/NDF: 4049117.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.040+/-0.056 χ^2/NDF: 17.9/15

Left Out: 0.517+/-0.373 χ^2/NDF:0.0/0

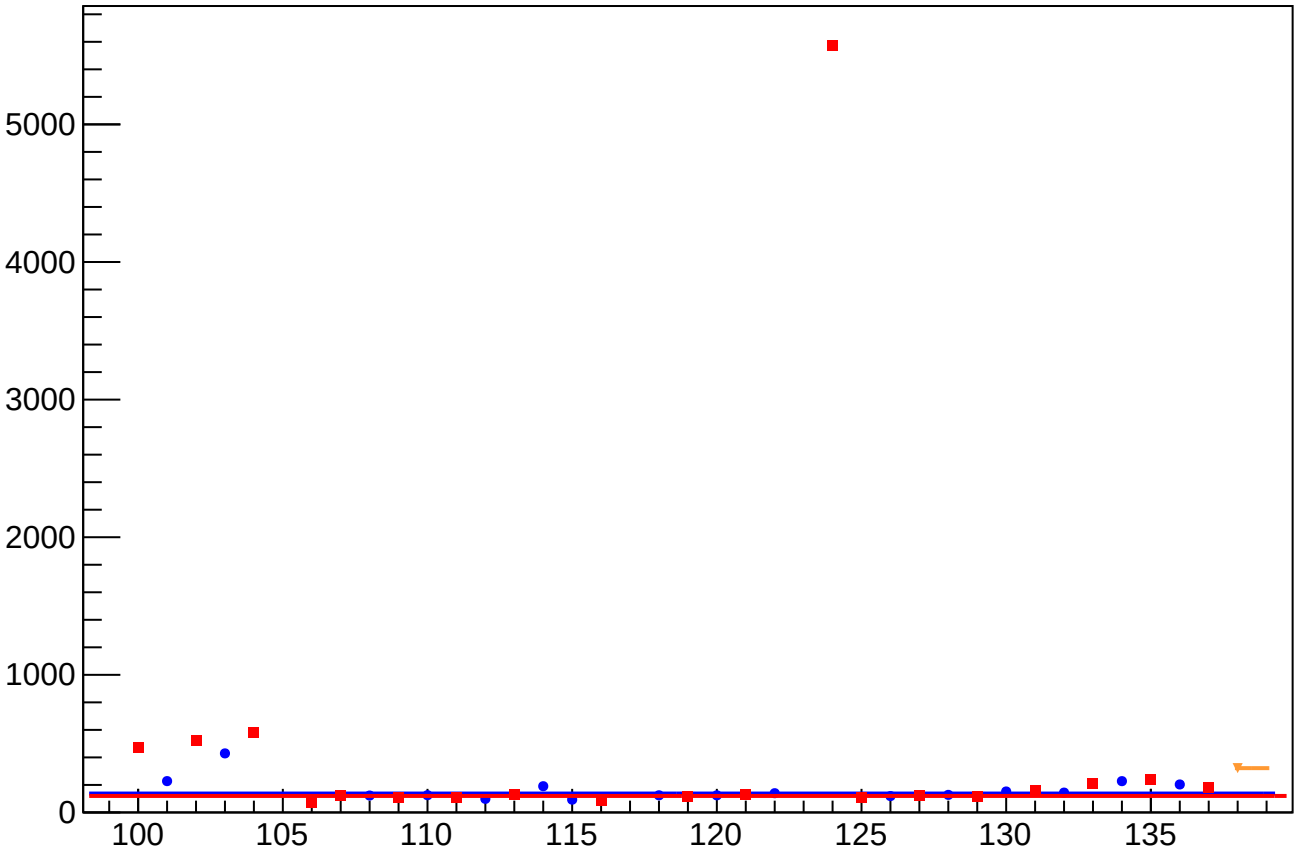
Right Out: 0.003+/-0.051 χ^2/NDF: 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.027+/-0.055 χ^2/NDF: 20.1/16

All: -0.011+/-0.037 χ^2/NDF: 49.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 137.400+/-0.039 χ^2/NDF: 1268197.9/15

Left Out: 322.008+/-0.264 χ^2/NDF:0.0/0

Right Out: 120.006+/-0.036 χ^2/NDF: 2139820.8/18

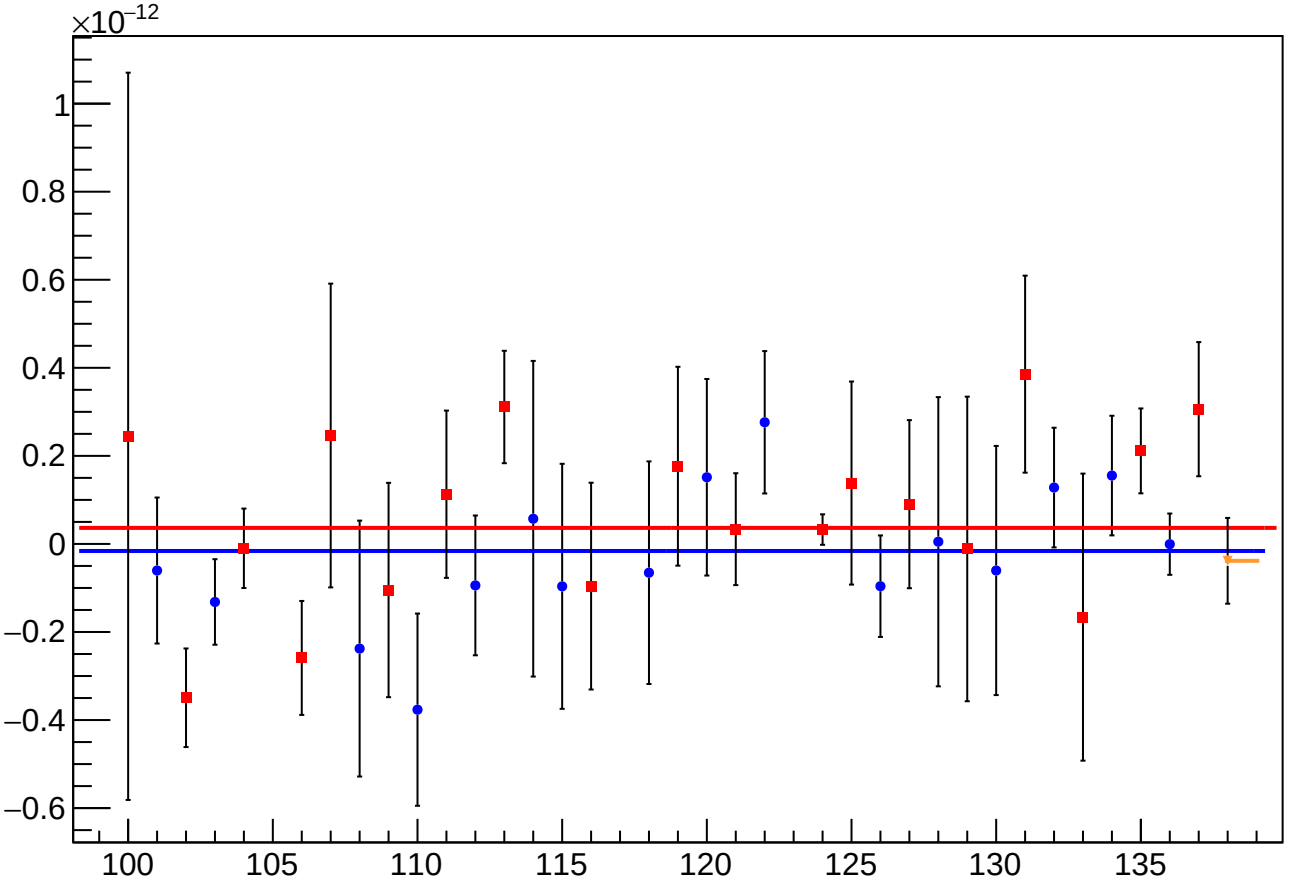
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.437+/-0.039 χ^2/NDF: 1746470.9/16

All: 129.858+/-0.026 χ^2/NDF: 4049117.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 12.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

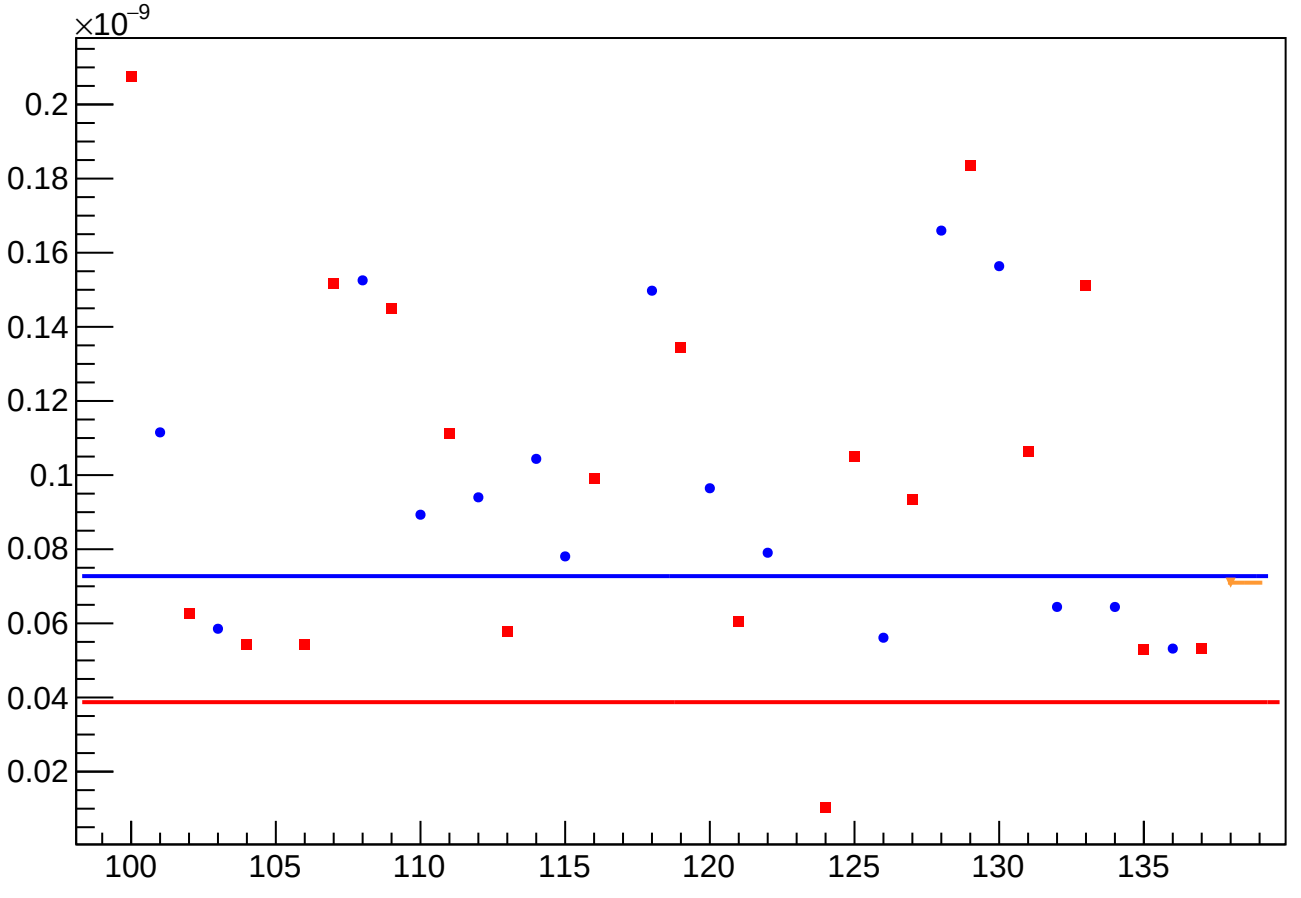
Right Out: 0.000+/-0.000 χ^2/NDF: 33.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 12.4/16

All: 0.000+/-0.000 χ^2/NDF: 47.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1128031.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4266020.5/18

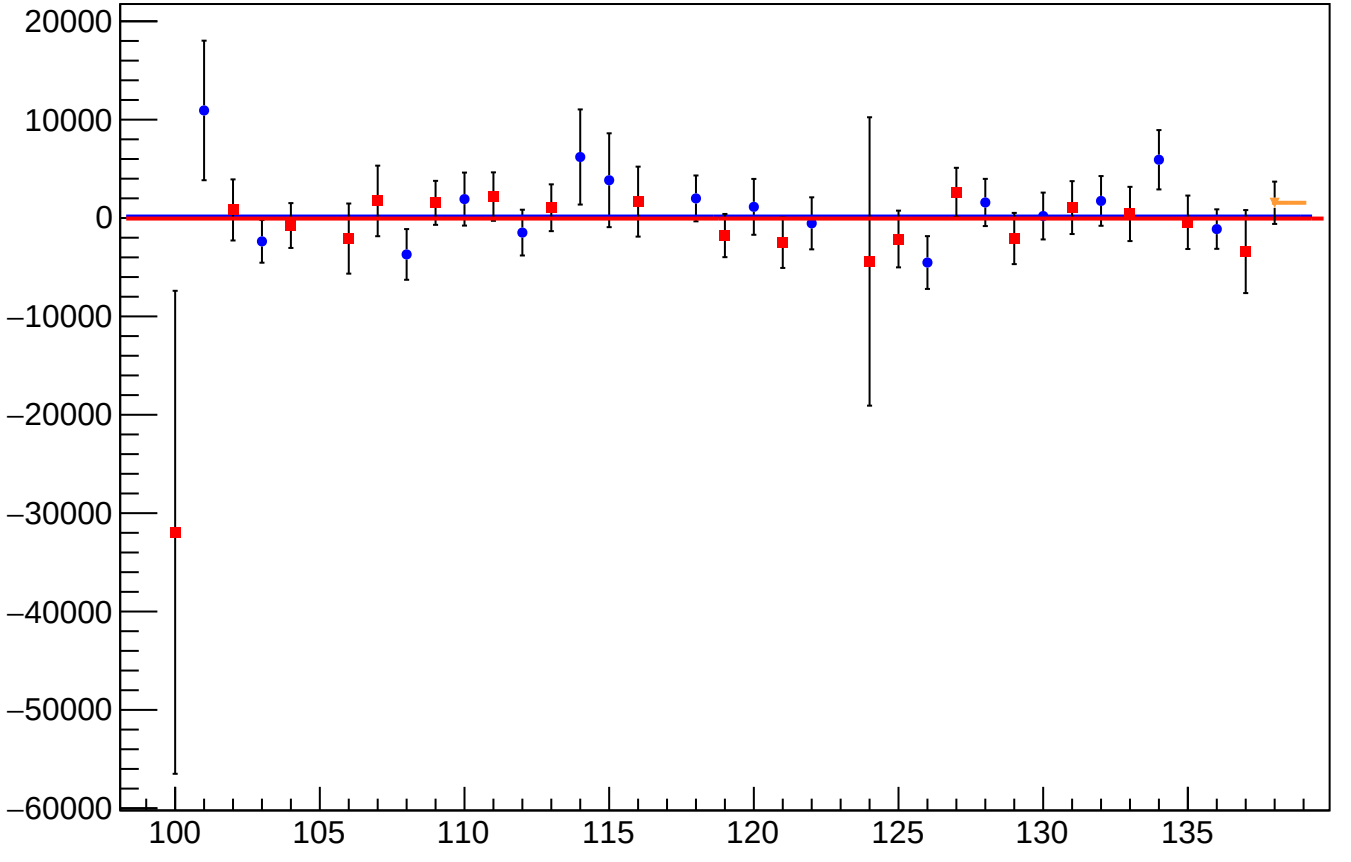
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1128606.5/16

All: 0.000+/-0.000 χ^2/NDF: 6624578.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: 150.722+/-667.029 χ^2/NDF: 17.7/15

Left Out: 1550.667+/-2150.164 χ^2/NDF:0.0/0

Right Out: -54.106+/-655.266 χ^2/NDF: 9.0/18

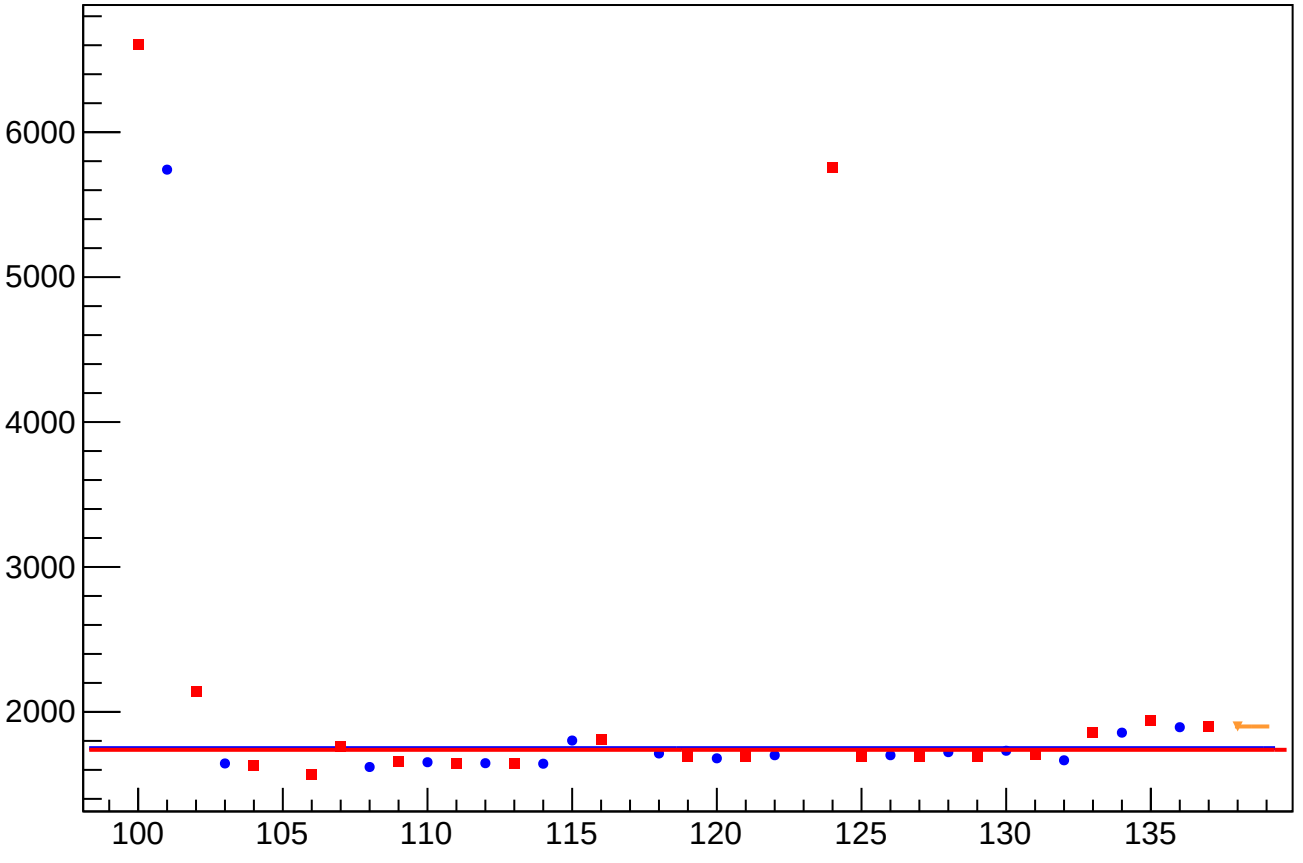
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 273.622+/-637.078 χ^2/NDF: 18.0/16

All: 114.369+/-456.777 χ^2/NDF: 27.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1749.864+/-0.472 χ^2/NDF: 669576.0/15

Left Out: 1899.469+/-1.520 χ^2/NDF:0.0/0

Right Out: 1738.493+/-0.460 χ^2/NDF: 304493.3/18

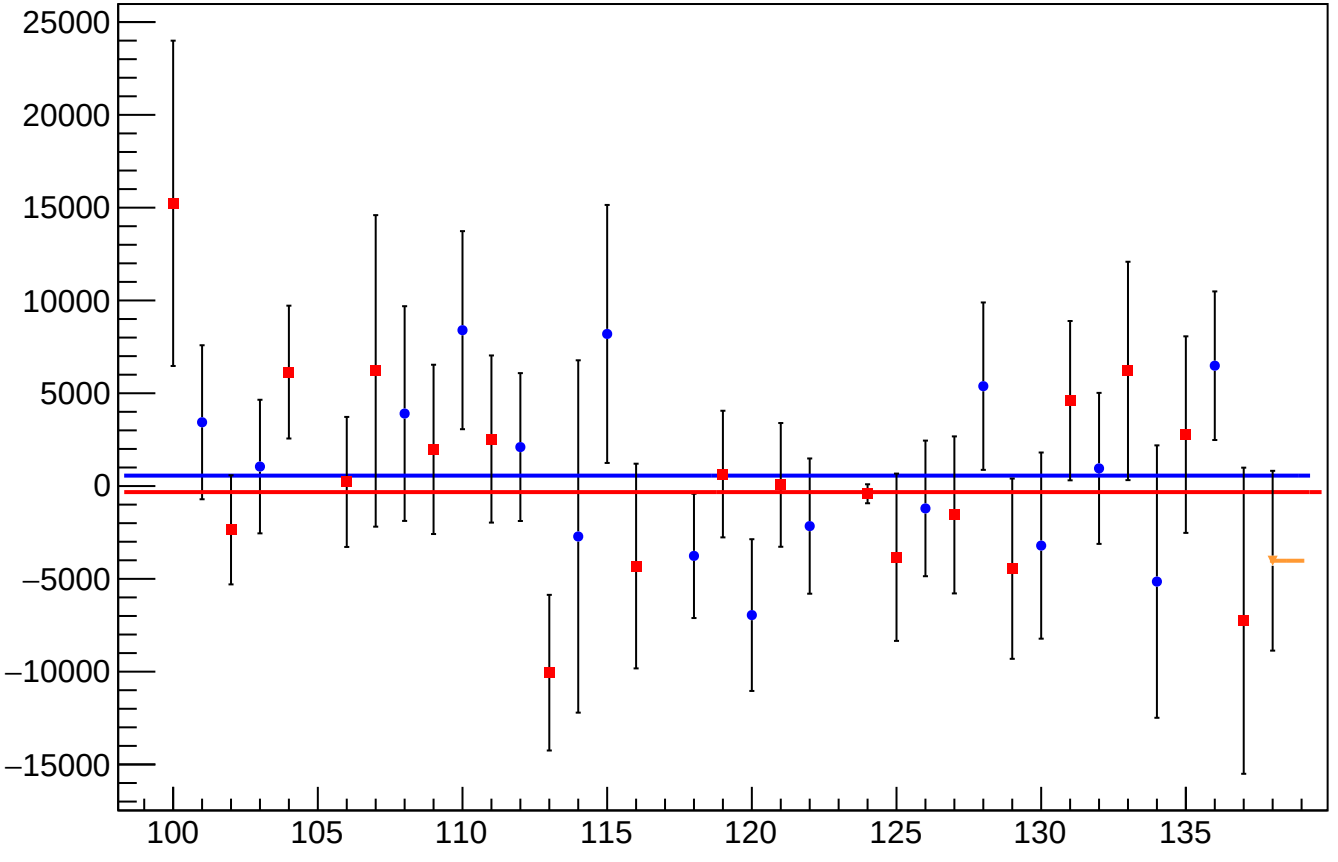
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1762.998+/-0.450 χ^2/NDF: 678408.2/16

All: 1751.000+/-0.322 χ^2/NDF: 984350.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 562.339+/-1101.163 χ^2/NDF: 14.8/15

Left Out: -4023.740+/-4843.783 χ^2/NDF:0.0/0

Right Out: -325.567+/-457.948 χ^2/NDF: 19.2/18

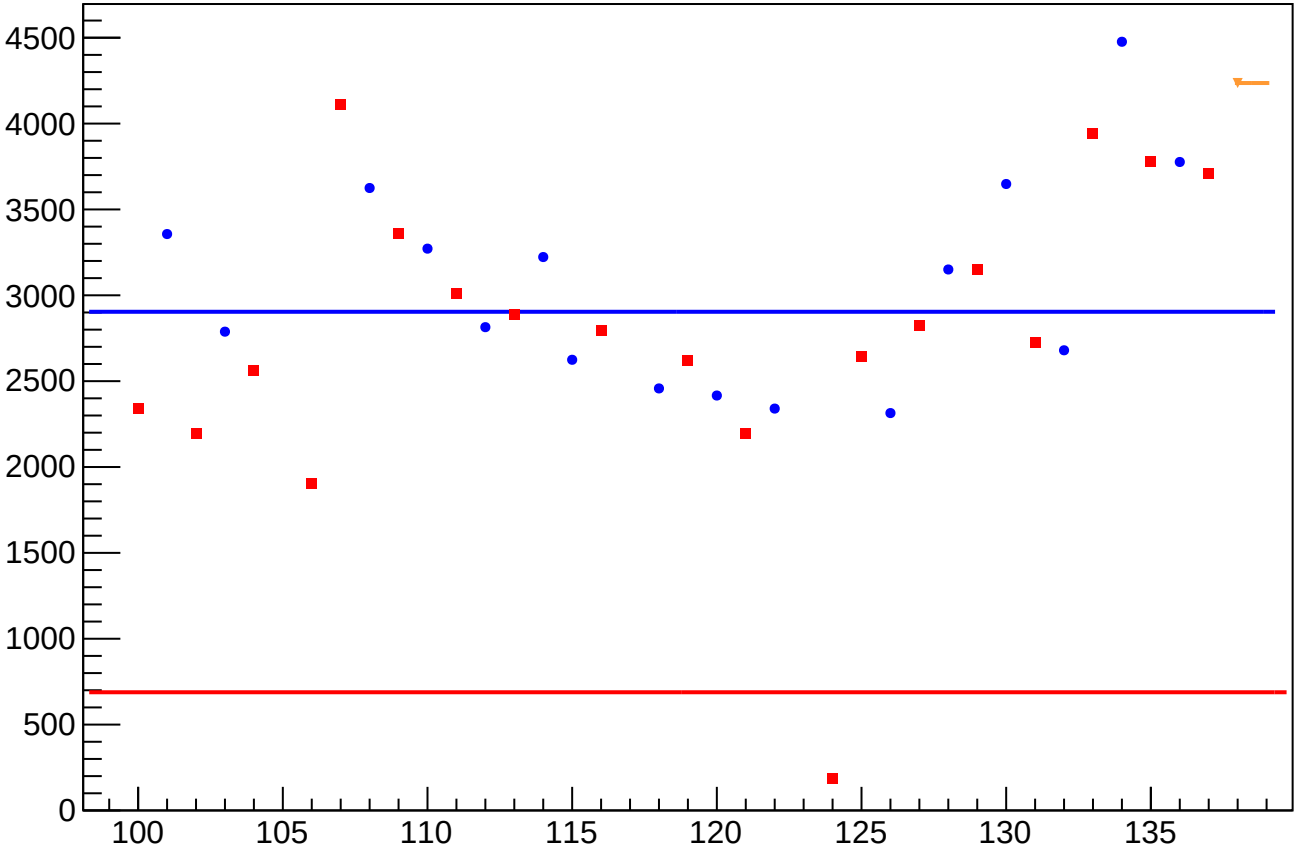
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 336.972+/-1073.765 χ^2/NDF: 15.7/16

All: -223.603+/-421.238 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 2904.059+/-0.779 χ^2/NDF: 479774.3/15

Left Out: 4236.199+/-3.425 χ^2/NDF:0.0/0

Right Out: 688.319+/-0.324 χ^2/NDF: 10148914.1/18

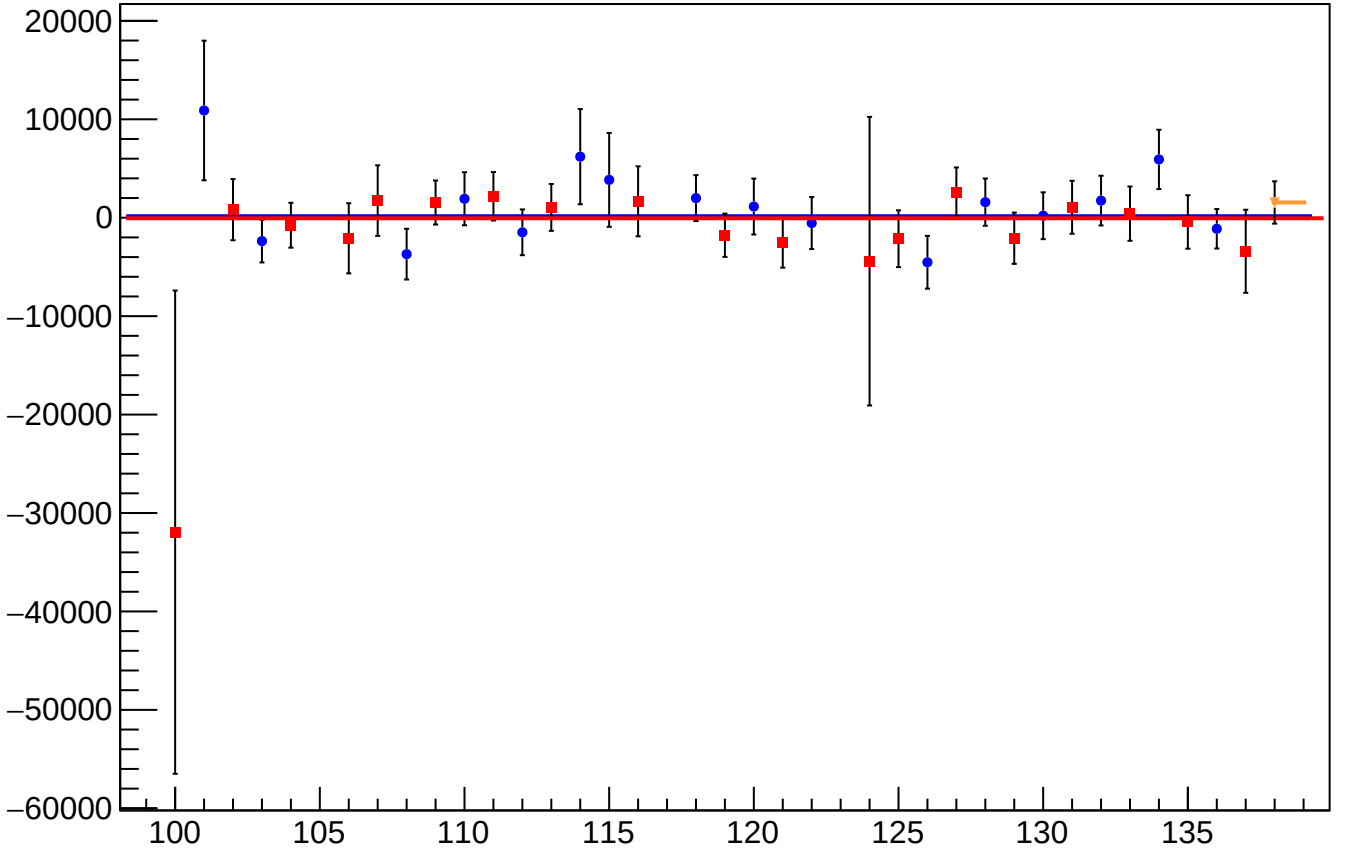
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2969.523+/-0.759 χ^2/NDF: 623613.1/16

All: 1039.394+/-0.298 χ^2/NDF: 18410208.9/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: 150.254+/-667.029 χ^2/NDF: 17.6/15

Left Out: 1550.554+/-2150.164 χ^2/NDF:0.0/0

Right Out: -54.158+/-655.266 χ^2/NDF: 9.0/18

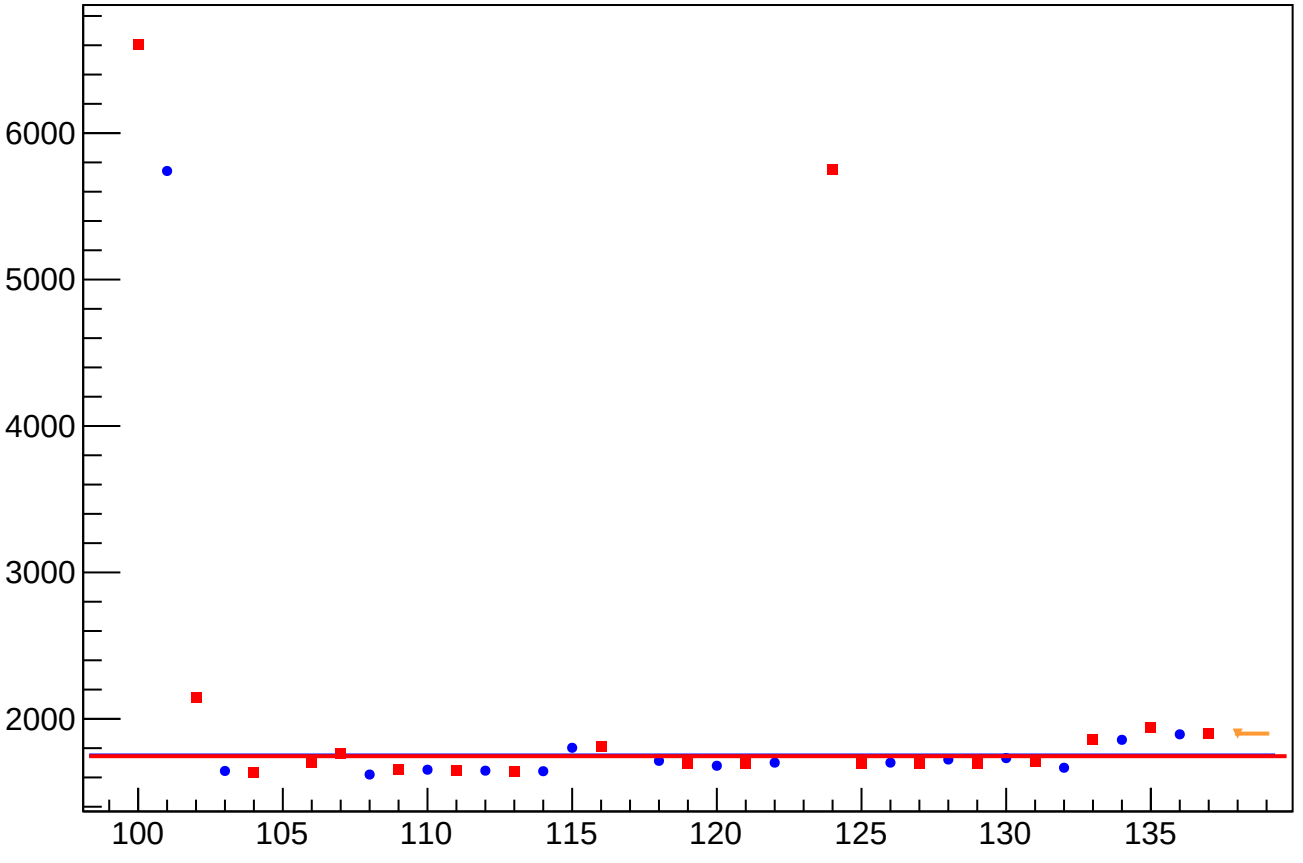
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 273.185+/-637.078 χ^2/NDF: 18.0/16

All: 114.120+/-456.777 χ^2/NDF: 27.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1749.864+/-0.472 χ^2/NDF: 669576.1/15

Left Out: 1899.469+/-1.520 χ^2/NDF:0.0/0

Right Out: 1745.188+/-0.462 χ^2/NDF: 297979.0/18

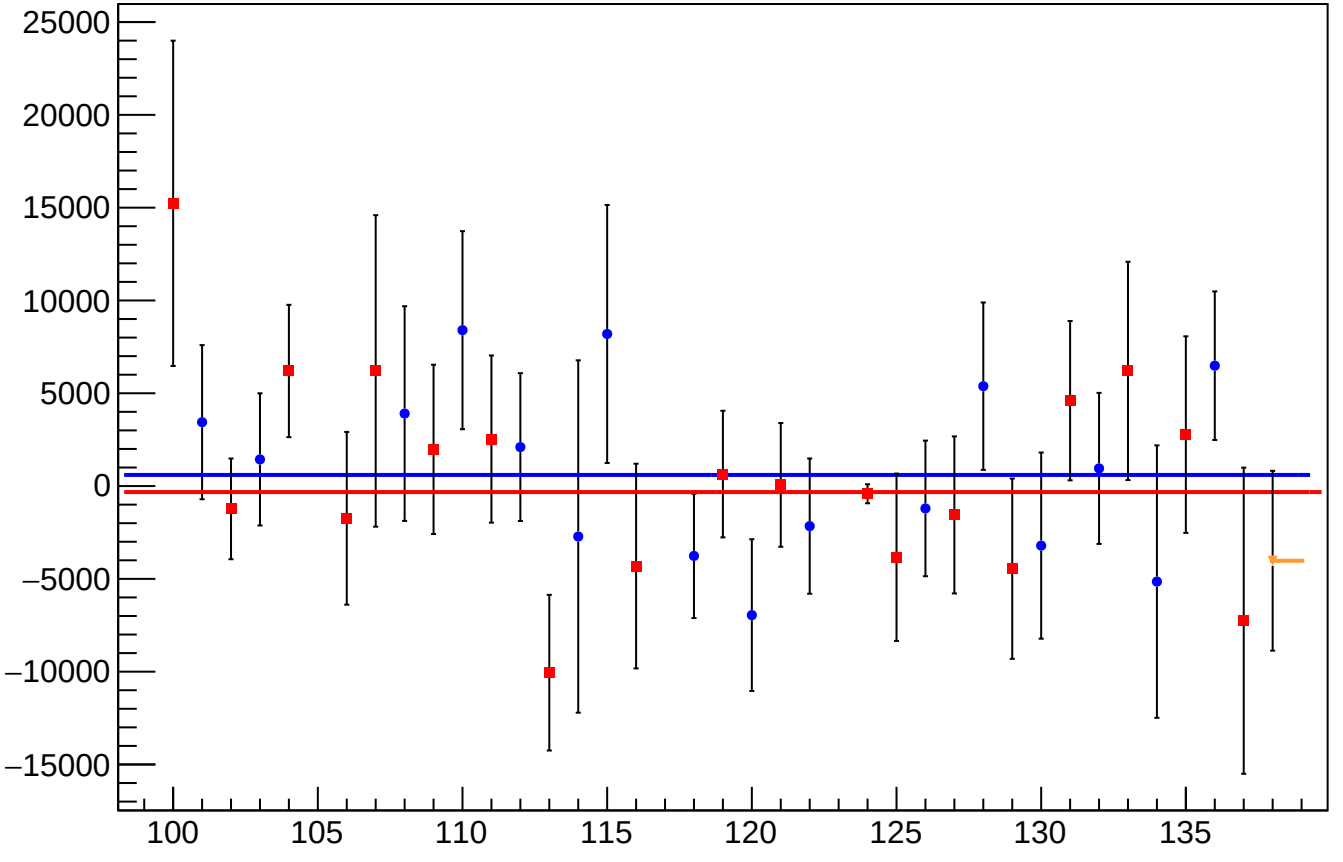
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1762.998+/-0.450 χ^2/NDF: 678408.4/16

All: 1754.310+/-0.322 χ^2/NDF: 977149.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 600.202+/-1100.125 χ^2/NDF: 14.9/15

Left Out: -4024.081+/-4843.793 χ^2/NDF:0.0/0

Right Out: -323.164+/-458.862 χ^2/NDF: 19.0/18

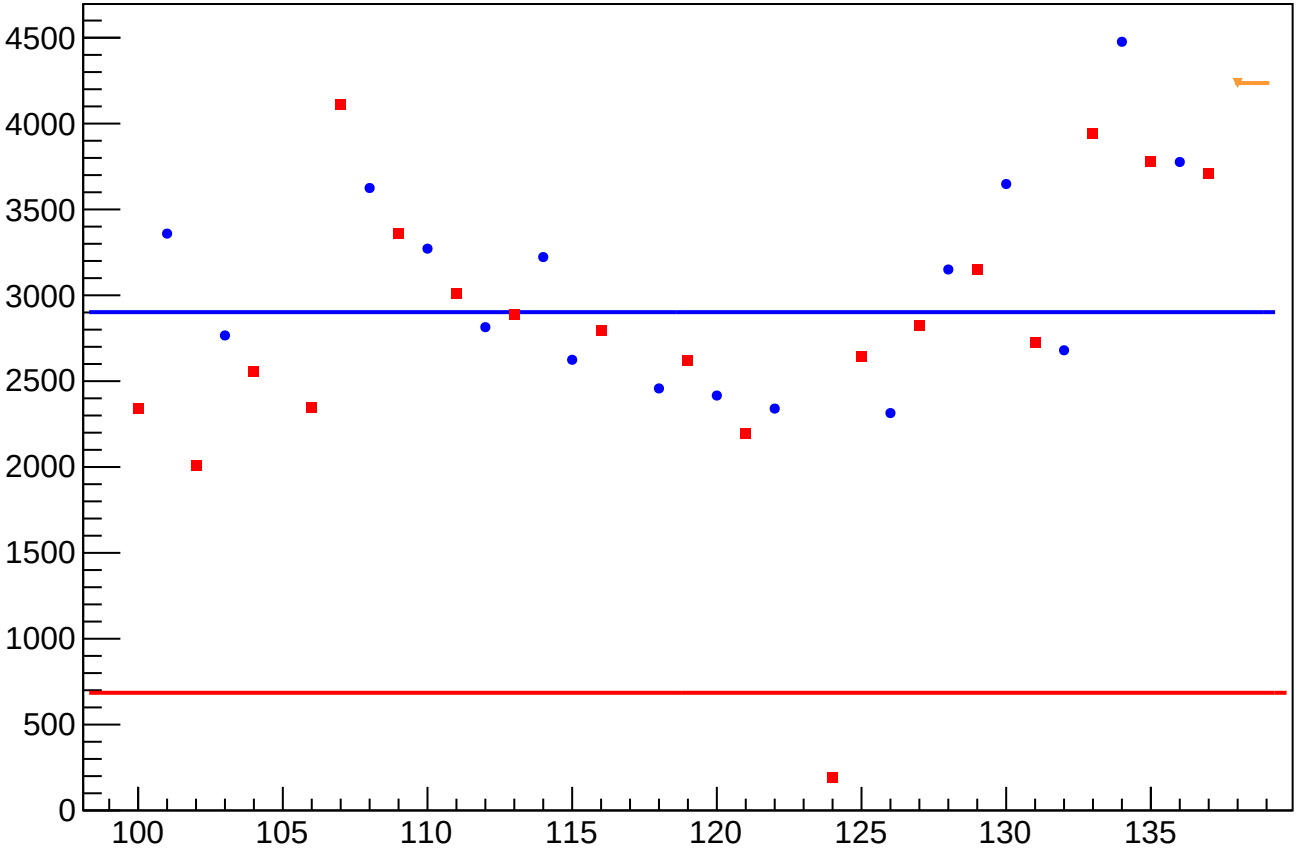
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 373.365+/-1072.804 χ^2/NDF: 15.7/16

All: -215.443+/-421.891 χ^2/NDF: 35.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 2901.861+/-0.778 χ^2/NDF: 480934.2/15

Left Out: 4236.211+/-3.425 χ^2/NDF:0.0/0

Right Out: 685.257+/-0.324 χ^2/NDF: 10105797.4/18

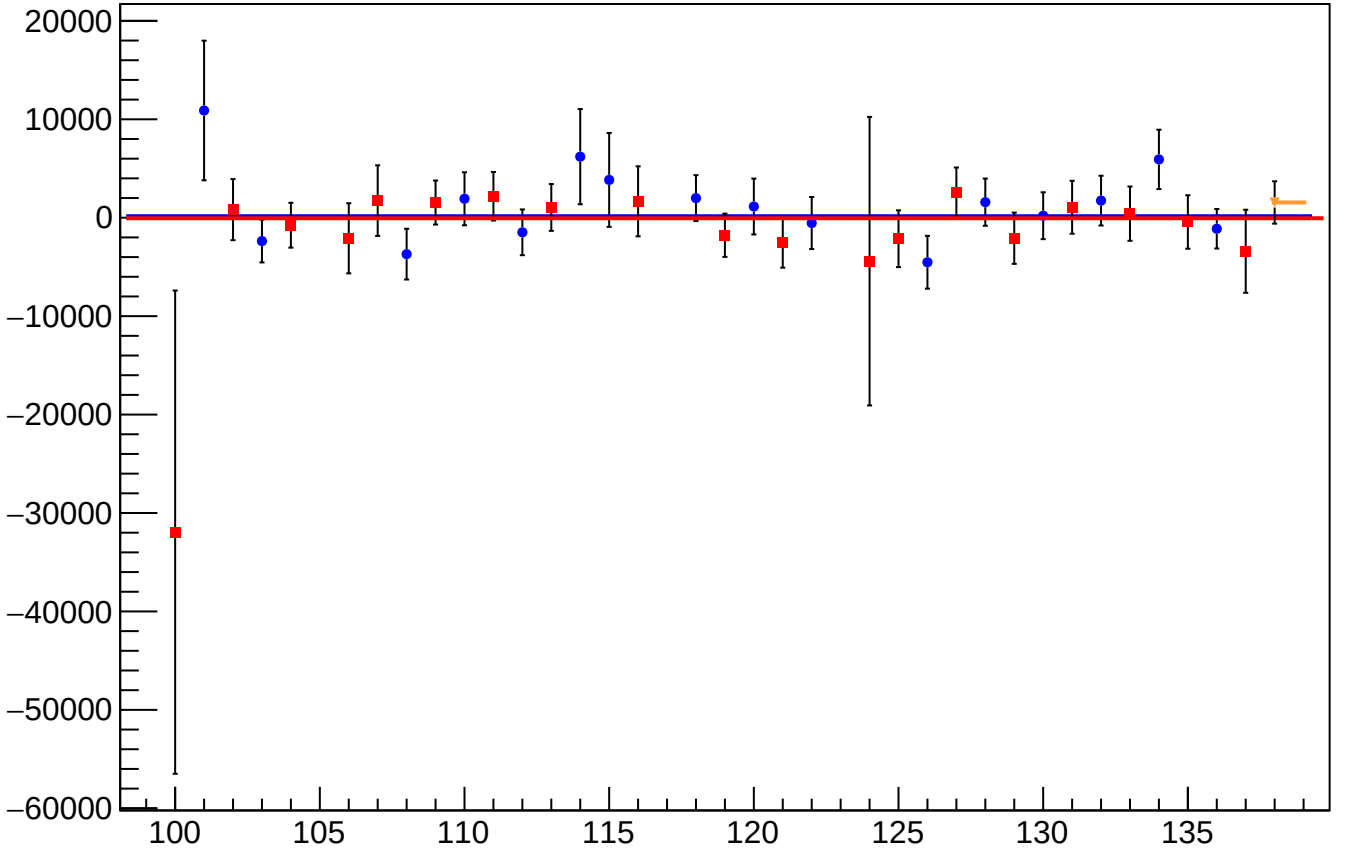
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2967.316+/-0.759 χ^2/NDF: 625263.3/16

All: 1038.185+/-0.298 χ^2/NDF: 18381353.7/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: 150.254+/-667.029 χ^2/NDF: 17.6/15

Left Out: 1550.554+/-2150.164 χ^2/NDF:0.0/0

Right Out: -54.158+/-655.266 χ^2/NDF: 9.0/18

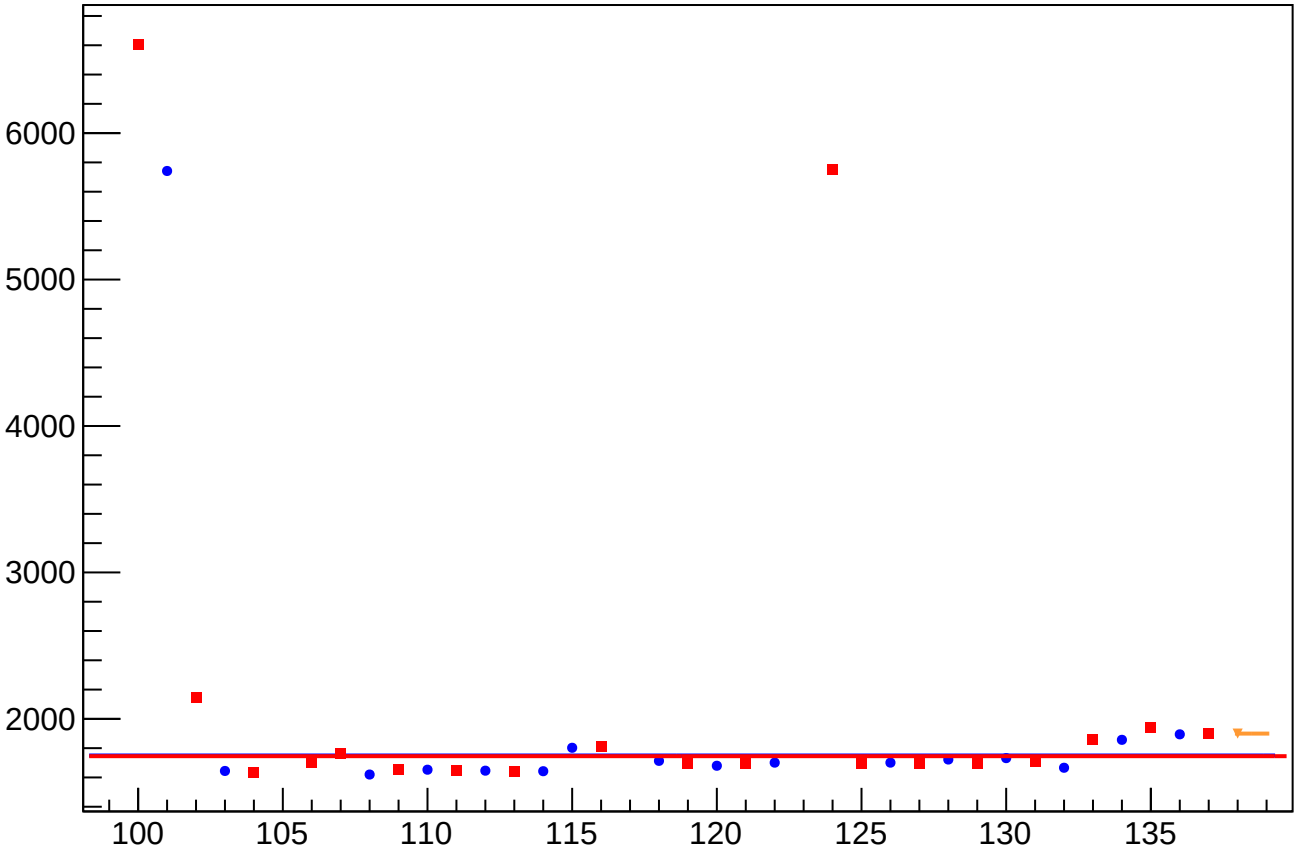
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 273.185+/-637.078 χ^2/NDF: 18.0/16

All: 114.120+/-456.777 χ^2/NDF: 27.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1749.864+/-0.472 χ^2/NDF: 669576.1/15

Left Out: 1899.469+/-1.520 χ^2/NDF:0.0/0

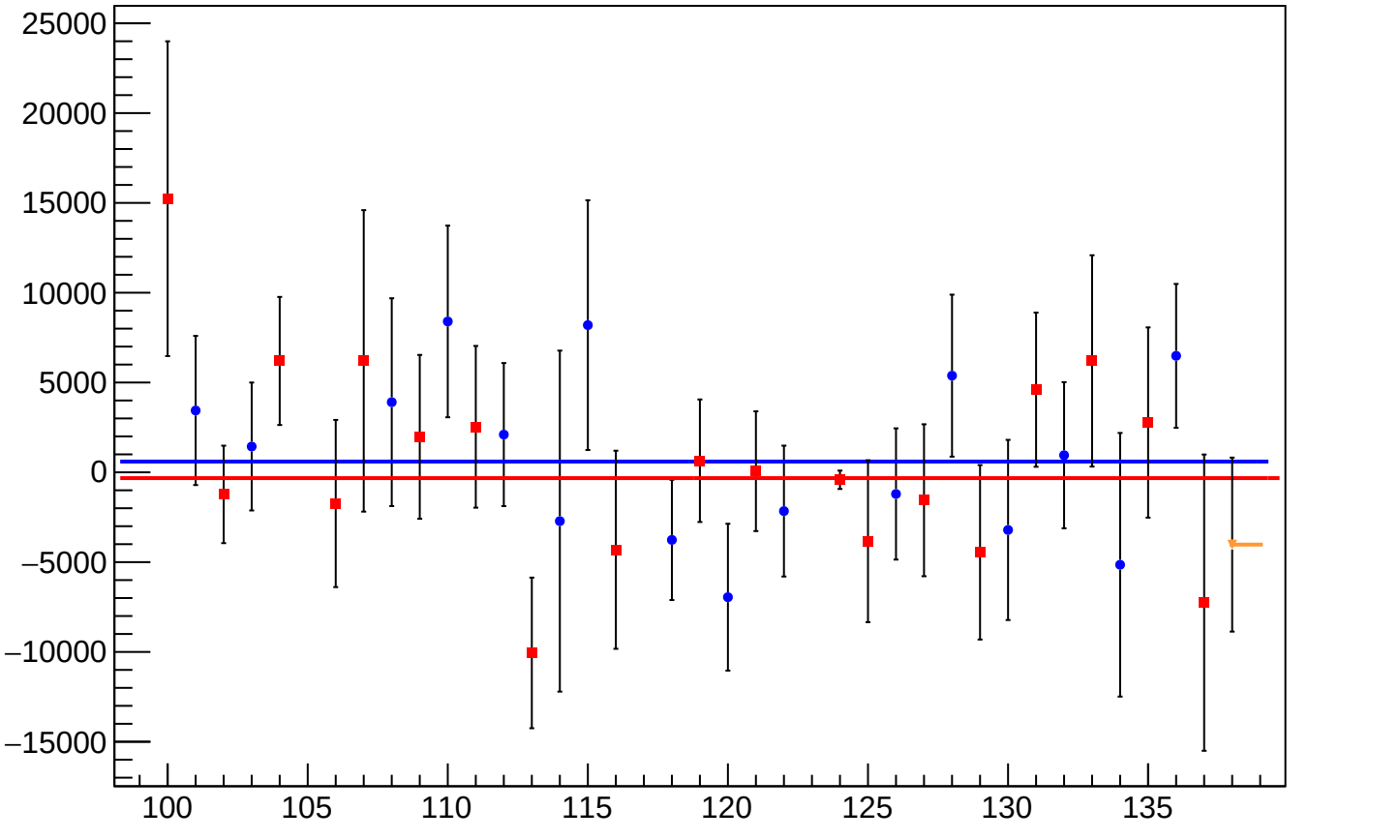
Right Out: 1745.188+/-0.462 χ^2/NDF: 297979.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

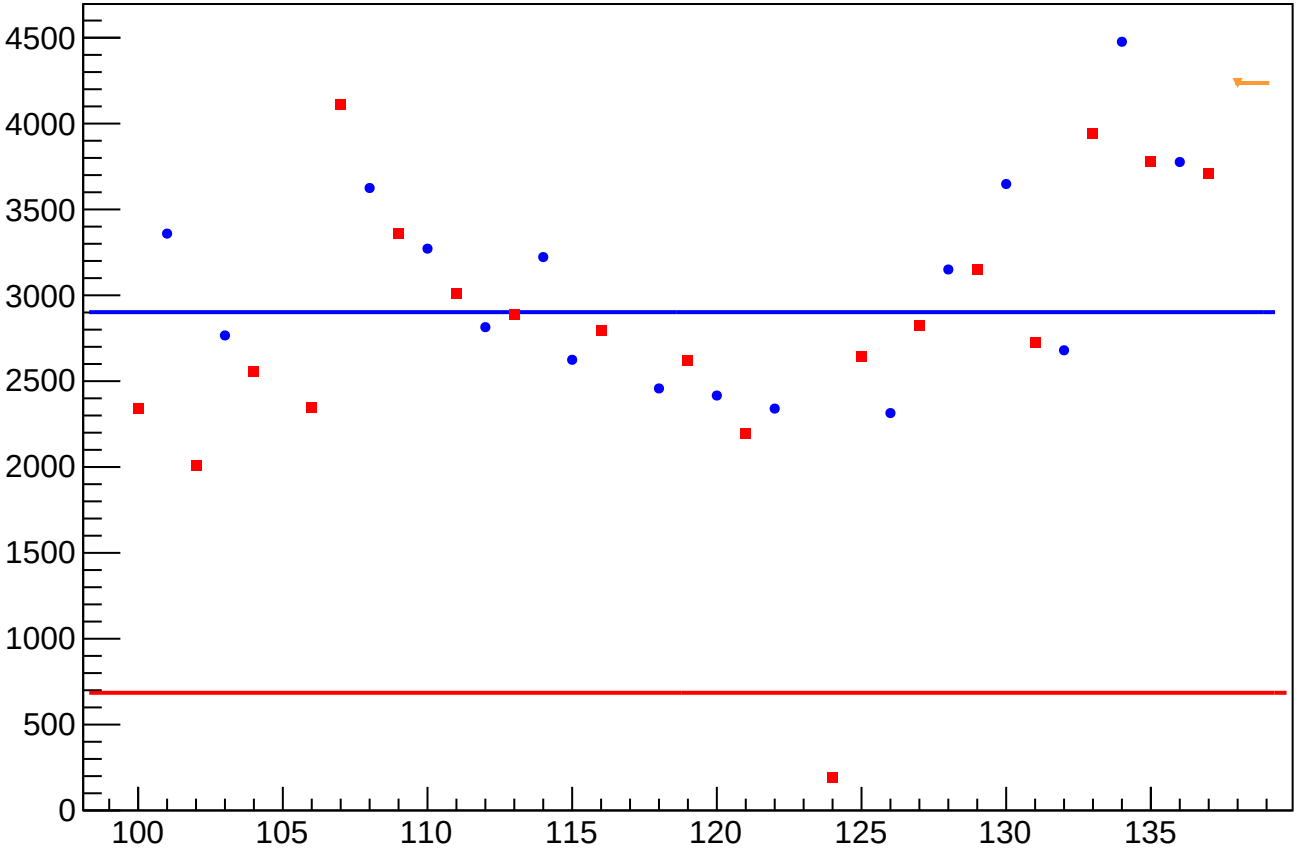
+ sign 1762.998+/-0.450 χ^2/NDF: 678408.4/16

All: 1754.310+/-0.322 χ^2/NDF: 977149.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr1l2_dd_eigen_cor_correction_mean vs Slug
25000
20000
15000
10000
5000
0
−5000
−10000
−15000
100
105
110
115
120
125
130
135
Right In: 600.202+/-1100.125 χ²/NDF: 14.9/15
Left Out: -4024.081+/-4843.793 χ²/NDF:0.0/0
Right Out: -323.164+/-458.862 χ²/NDF: 19.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 373.365+/-1072.804 χ²/NDF: 15.7/16
All: -215.443+/-421.891 χ²/NDF: 35.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 2901.861+/-0.778 χ^2/NDF: 480934.2/15

Left Out: 4236.211+/-3.425 χ^2/NDF:0.0/0

Right Out: 685.257+/-0.324 χ^2/NDF: 10105797.4/18

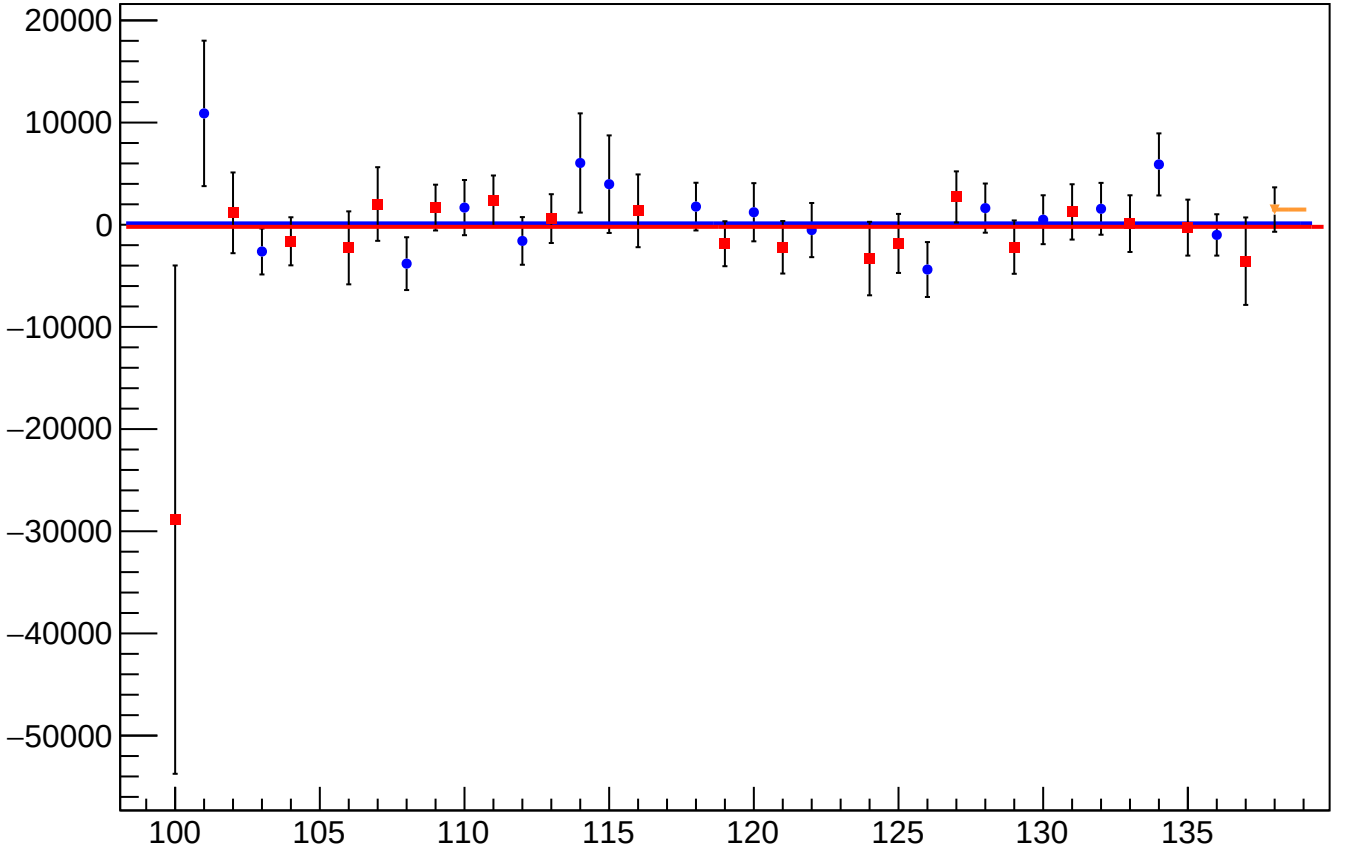
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2967.316+/-0.759 χ^2/NDF: 625263.3/16

All: 1038.185+/-0.298 χ^2/NDF: 18381353.7/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



Right In: 133.838+/-671.621 χ^2/NDF: 17.3/15

Left Out: 1486.368+/-2174.751 χ^2/NDF:0.0/0

Right Out: -205.424+/-654.444 χ^2/NDF: 9.7/18

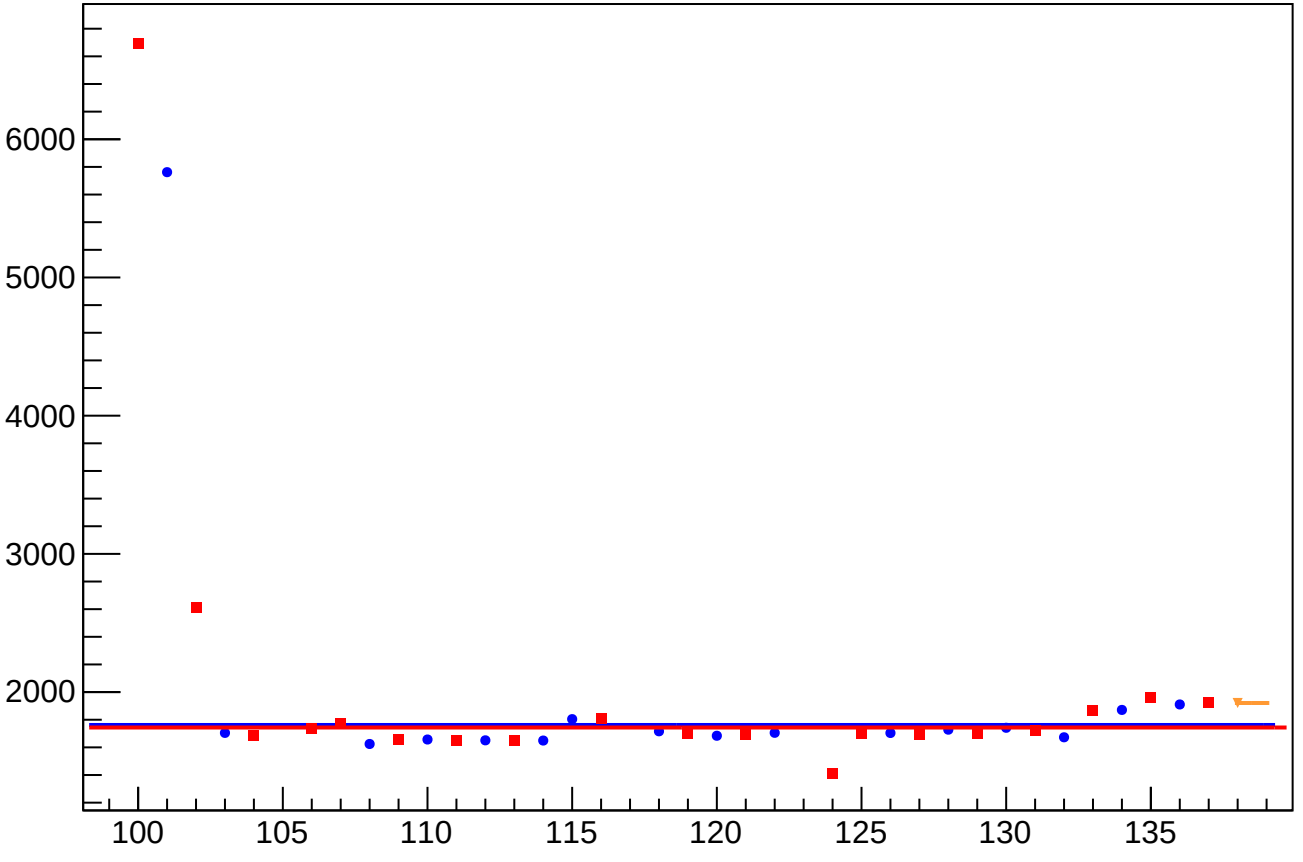
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 251.602+/-641.716 χ^2/NDF: 17.6/16

All: 27.577+/-458.196 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1762.052+/-0.475 χ^2/NDF: 667696.6/15

Left Out: 1921.141+/-1.538 χ^2/NDF:0.0/0

Right Out: 1743.723+/-0.461 χ^2/NDF: 227762.1/18

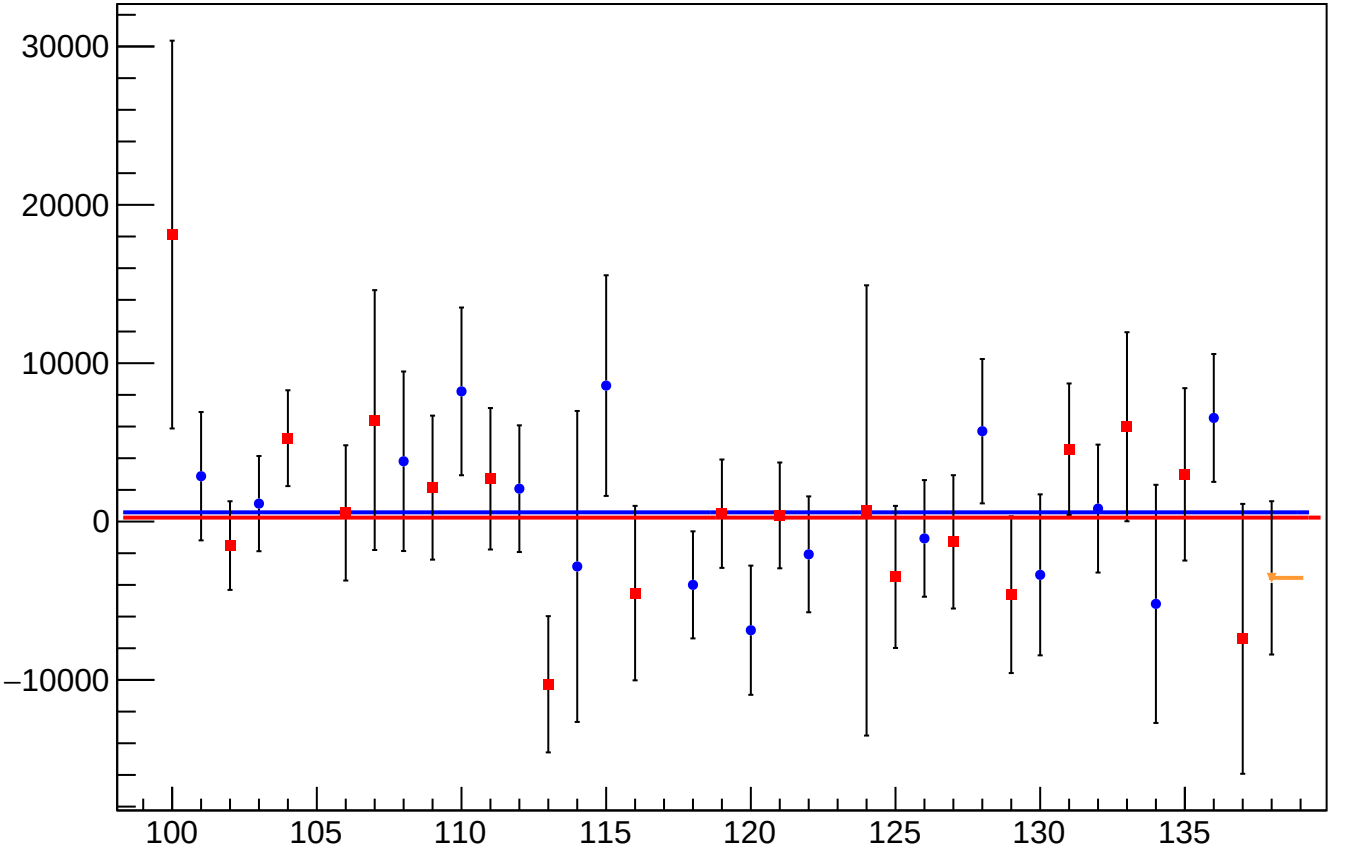
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1775.904+/-0.454 χ^2/NDF: 677467.4/16

All: 1760.083+/-0.324 χ^2/NDF: 907702.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 582.223+/-1081.481 χ^2/NDF: 14.9/15

Left Out: -3556.208+/-4840.608 χ^2/NDF:0.0/0

Right Out: 250.224+/-1021.012 χ^2/NDF: 17.9/18

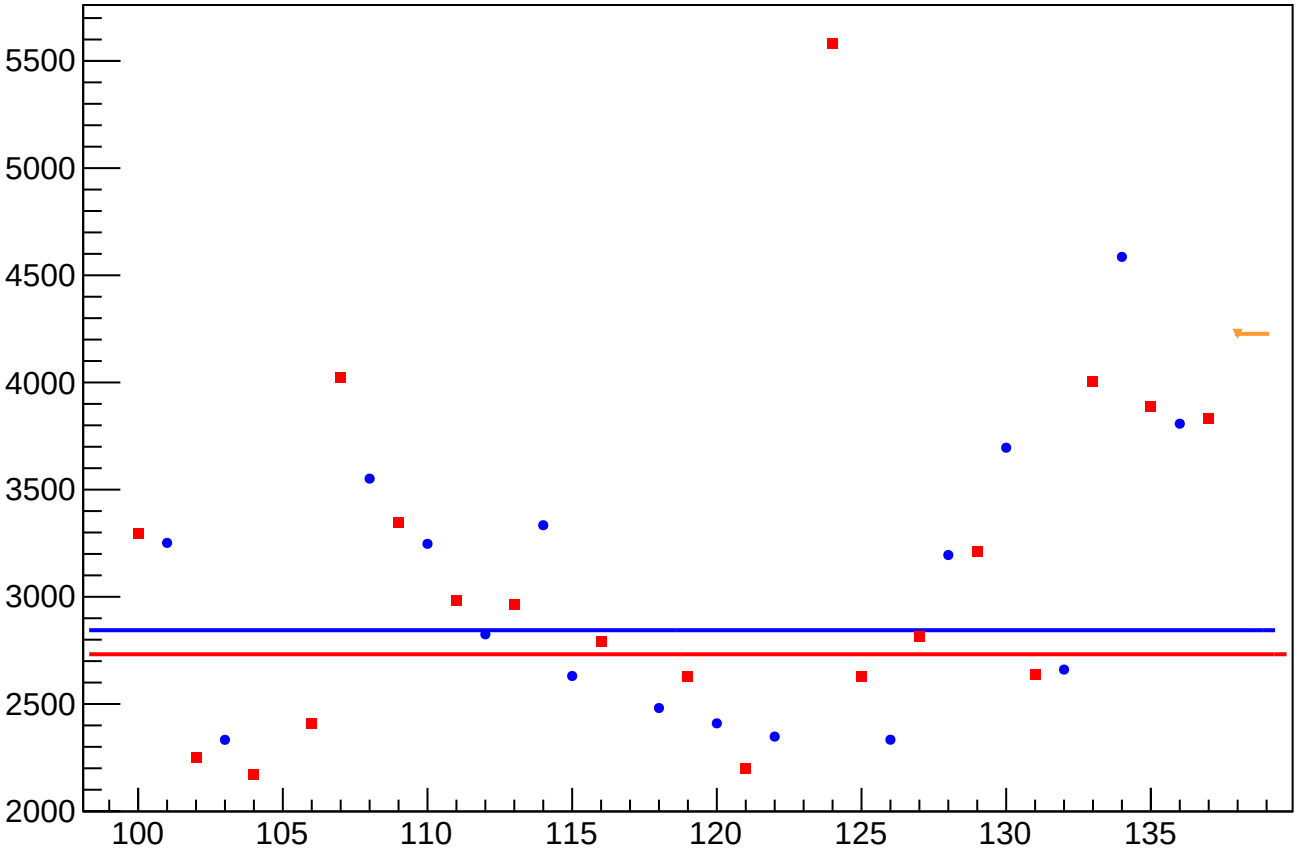
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 385.471+/-1055.460 χ^2/NDF: 15.6/16

All: 315.605+/-733.841 χ^2/NDF: 33.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2844.153+/-0.765 χ^2/NDF: 542032.5/15

Left Out: 4226.843+/-3.423 χ^2/NDF:0.0/0

Right Out: 2731.978+/-0.722 χ^2/NDF: 611275.1/18

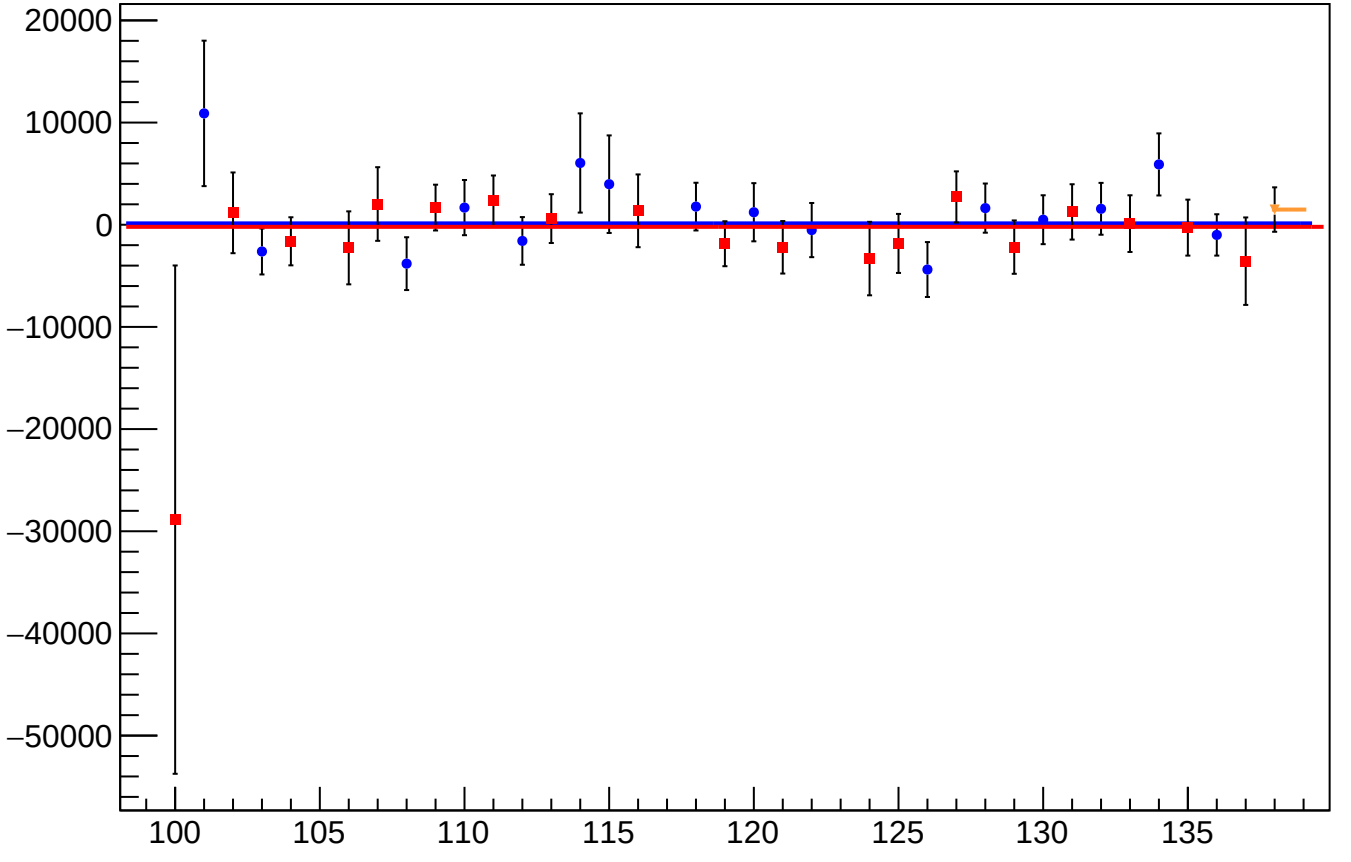
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2909.889+/-0.746 χ^2/NDF: 697459.1/16

All: 2817.983+/-0.519 χ^2/NDF: 1338090.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: 133.837+/-671.621 χ^2/NDF: 17.3/15

Left Out: 1486.331+/-2174.751 χ^2/NDF:0.0/0

Right Out: -205.422+/-654.444 χ^2/NDF: 9.7/18

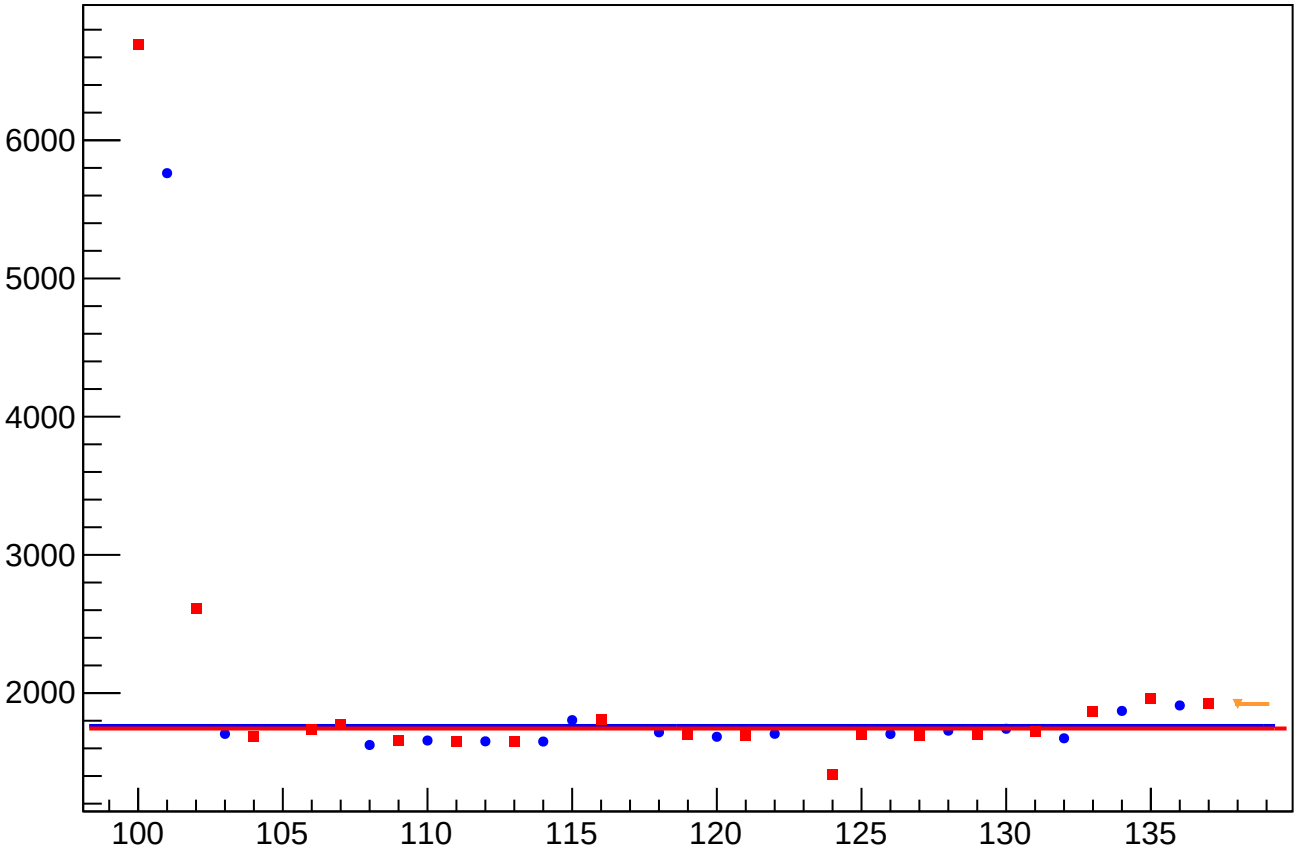
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 251.598+/-641.716 χ^2/NDF: 17.6/16

All: 27.575+/-458.196 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1762.052+/-0.475 χ^2/NDF: 667696.6/15

Left Out: 1921.141+/-1.538 χ^2/NDF:0.0/0

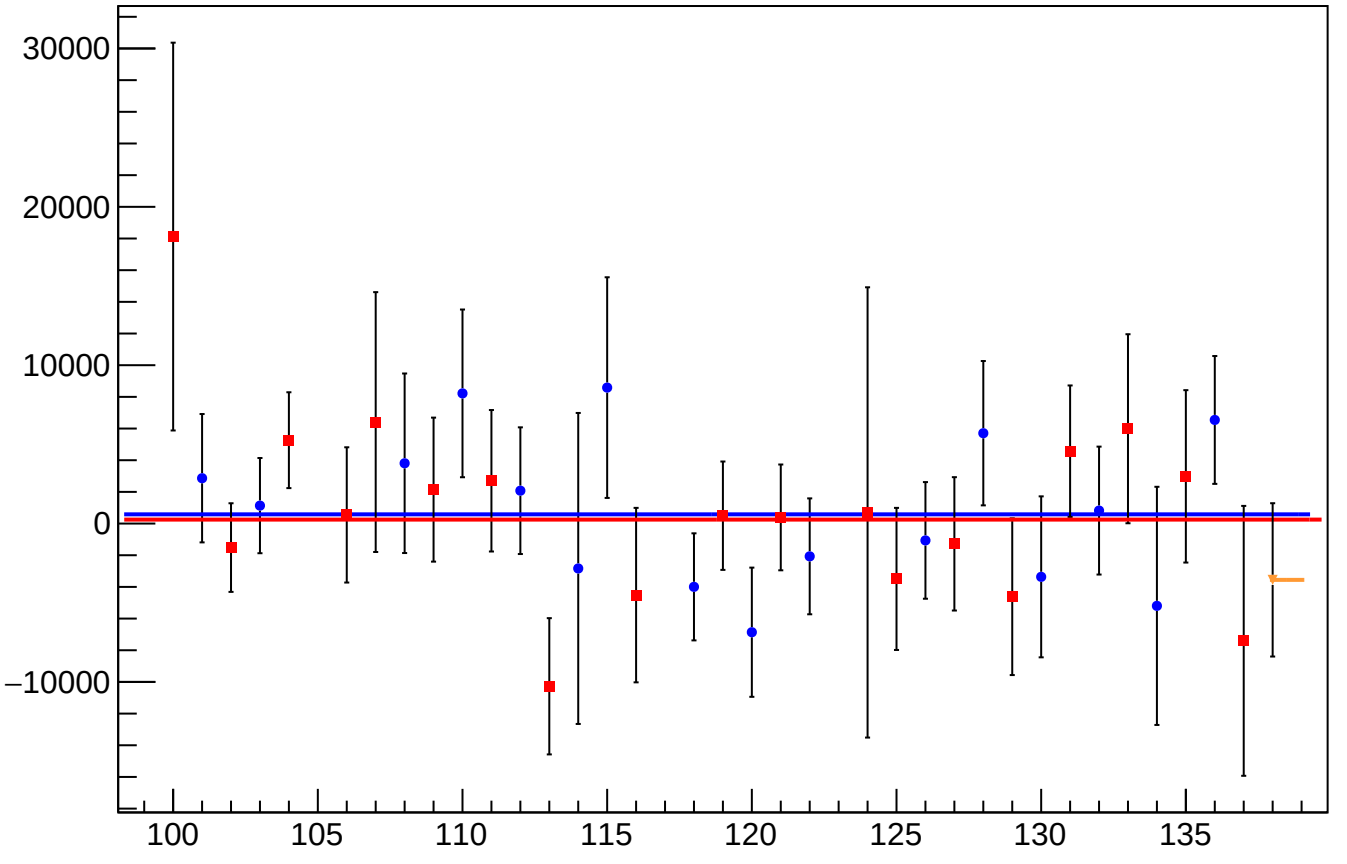
Right Out: 1743.723+/-0.461 χ^2/NDF: 227762.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1775.904+/-0.454 χ^2/NDF: 677467.4/16

All: 1760.083+/-0.324 χ^2/NDF: 907702.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 582.219+/-1081.478 χ^2/NDF: 14.9/15

Left Out: -3556.238+/-4840.628 χ^2/NDF:0.0/0

Right Out: 250.225+/-1021.010 χ^2/NDF: 17.9/18

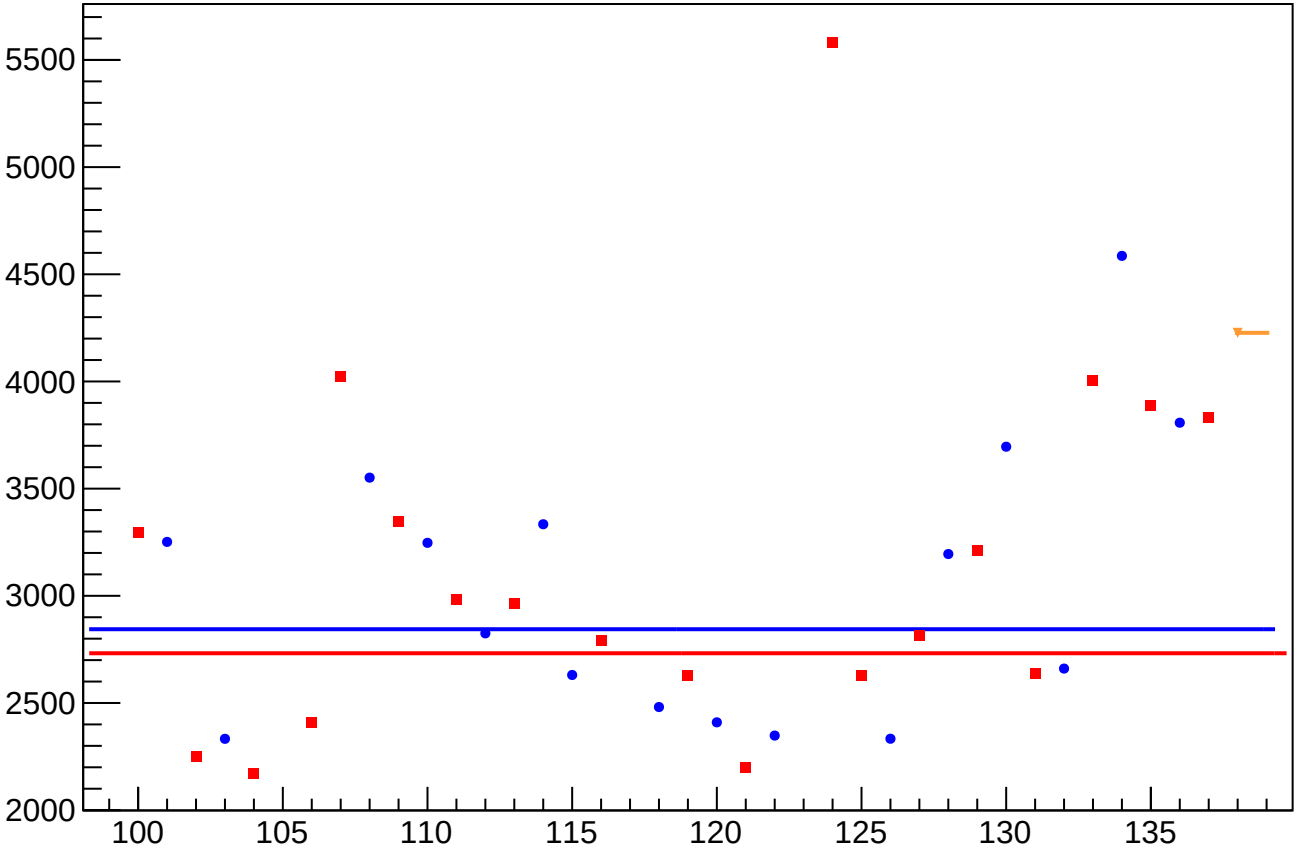
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 385.468+/-1055.457 χ^2/NDF: 15.6/16

All: 315.603+/-733.839 χ^2/NDF: 33.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2844.145+/-0.765 χ^2/NDF: 542036.2/15

Left Out: 4226.860+/-3.423 χ^2/NDF:0.0/0

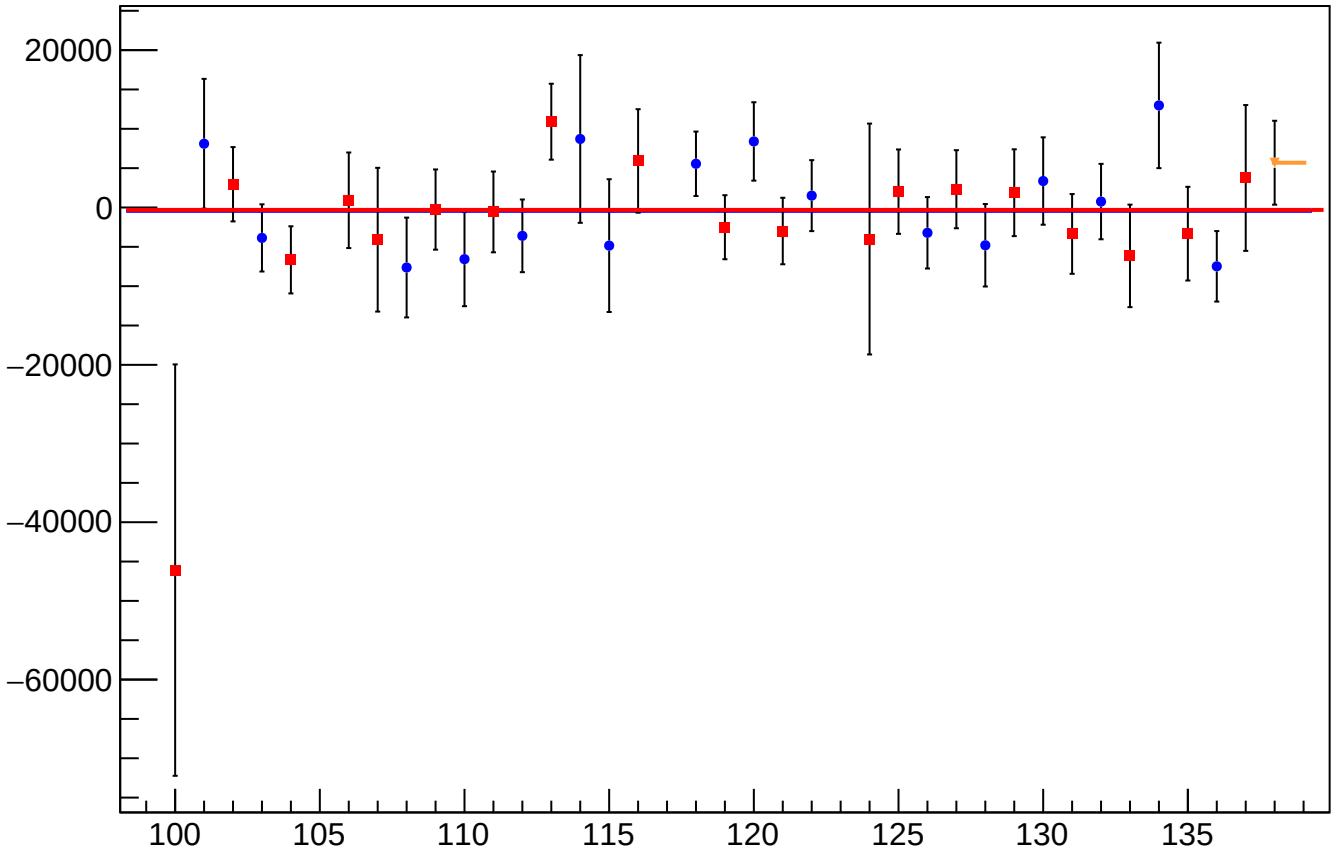
Right Out: 2731.972+/-0.722 χ^2/NDF: 611272.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2909.882+/-0.746 χ^2/NDF: 697467.2/16

All: 2817.976+/-0.519 χ^2/NDF: 1338095.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -423.131+/-1327.258 χ^2/NDF: 17.9/15

Left Out: 5689.740+/-5331.188 χ^2/NDF:0.0/0

Right Out: -307.823+/-1275.718 χ^2/NDF: 15.3/18

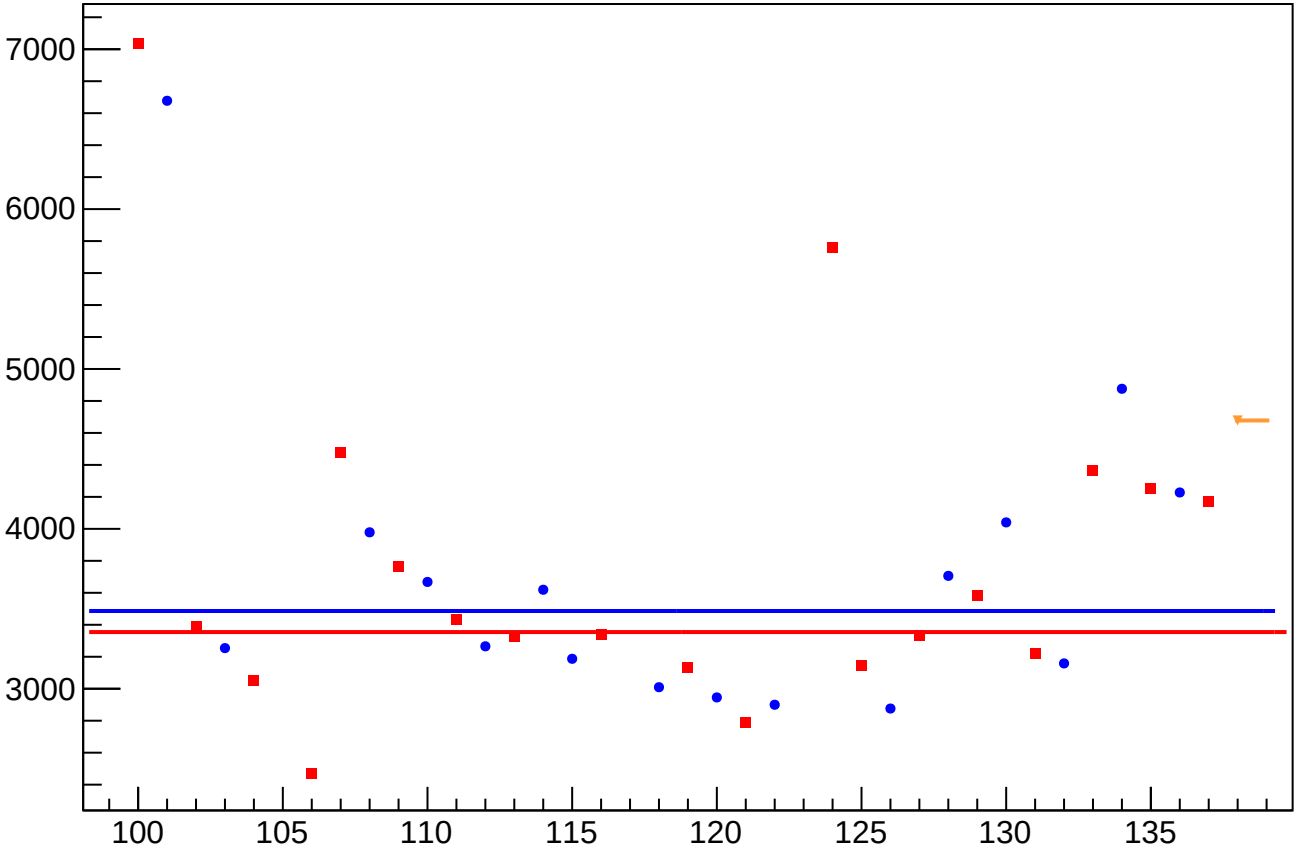
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -66.359+/-1287.944 χ^2/NDF: 19.1/16

All: -188.243+/-906.360 χ^2/NDF: 34.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3486.167+/-0.939 χ^2/NDF: 595790.9/15

Left Out: 4678.005+/-3.770 χ^2/NDF:0.0/0

Right Out: 3354.426+/-0.889 χ^2/NDF: 376426.3/18

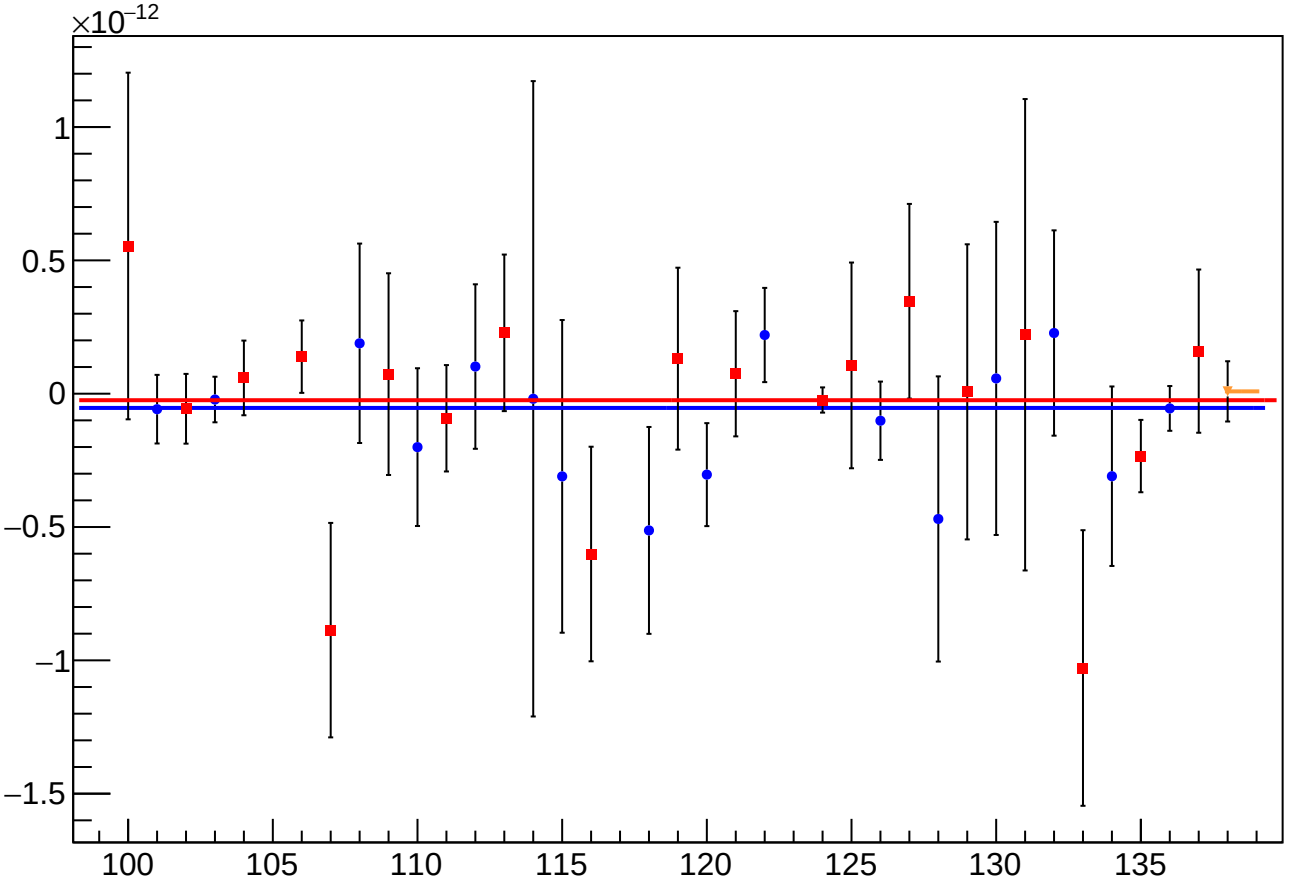
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3555.727+/-0.911 χ^2/NDF: 689914.7/16

All: 3452.704+/-0.636 χ^2/NDF: 1091345.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

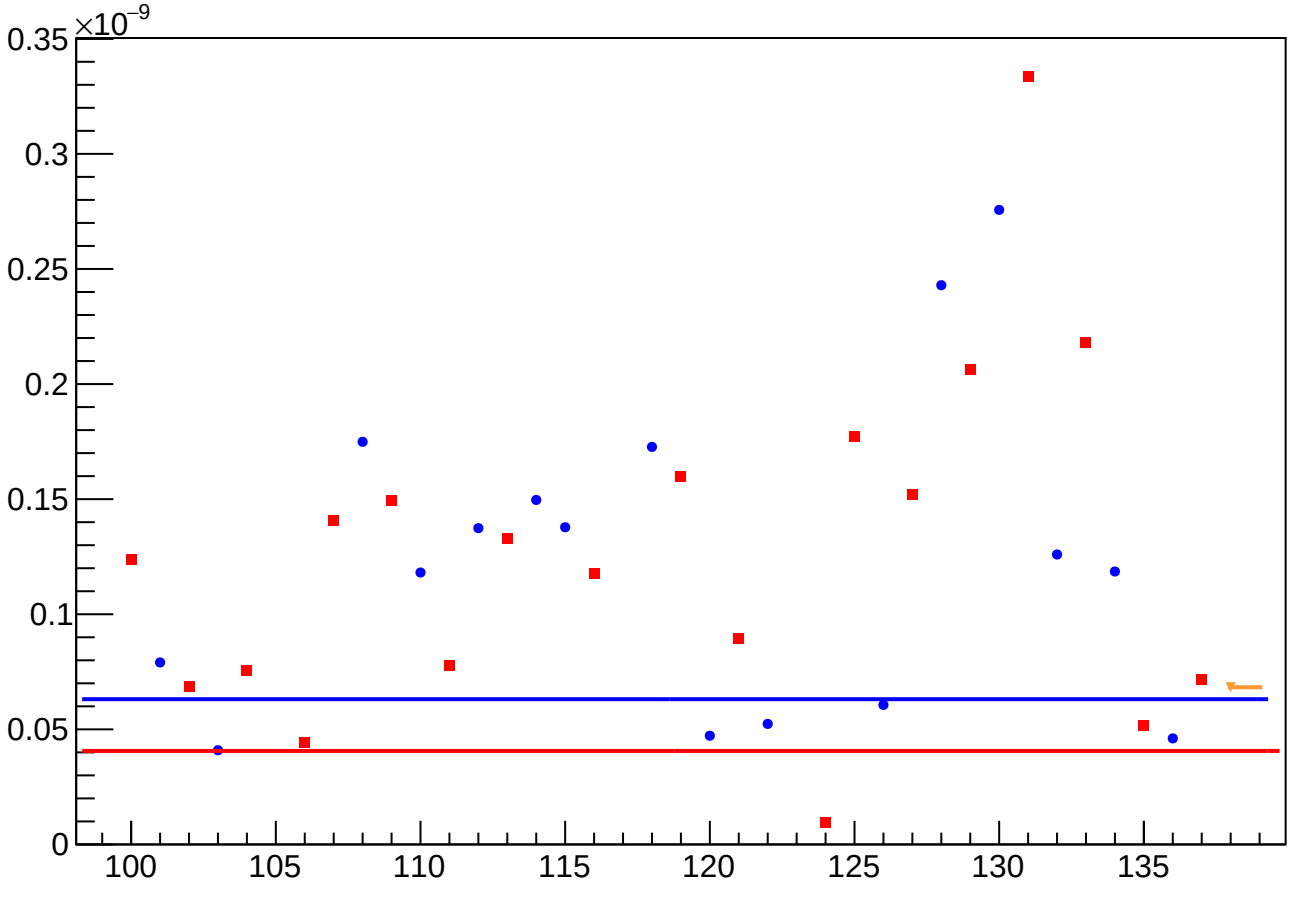
Right Out: -0.000+/-0.000 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 8.8/16

All: -0.000+/-0.000 χ^2/NDF: 27.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1432018.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3172346.7/18

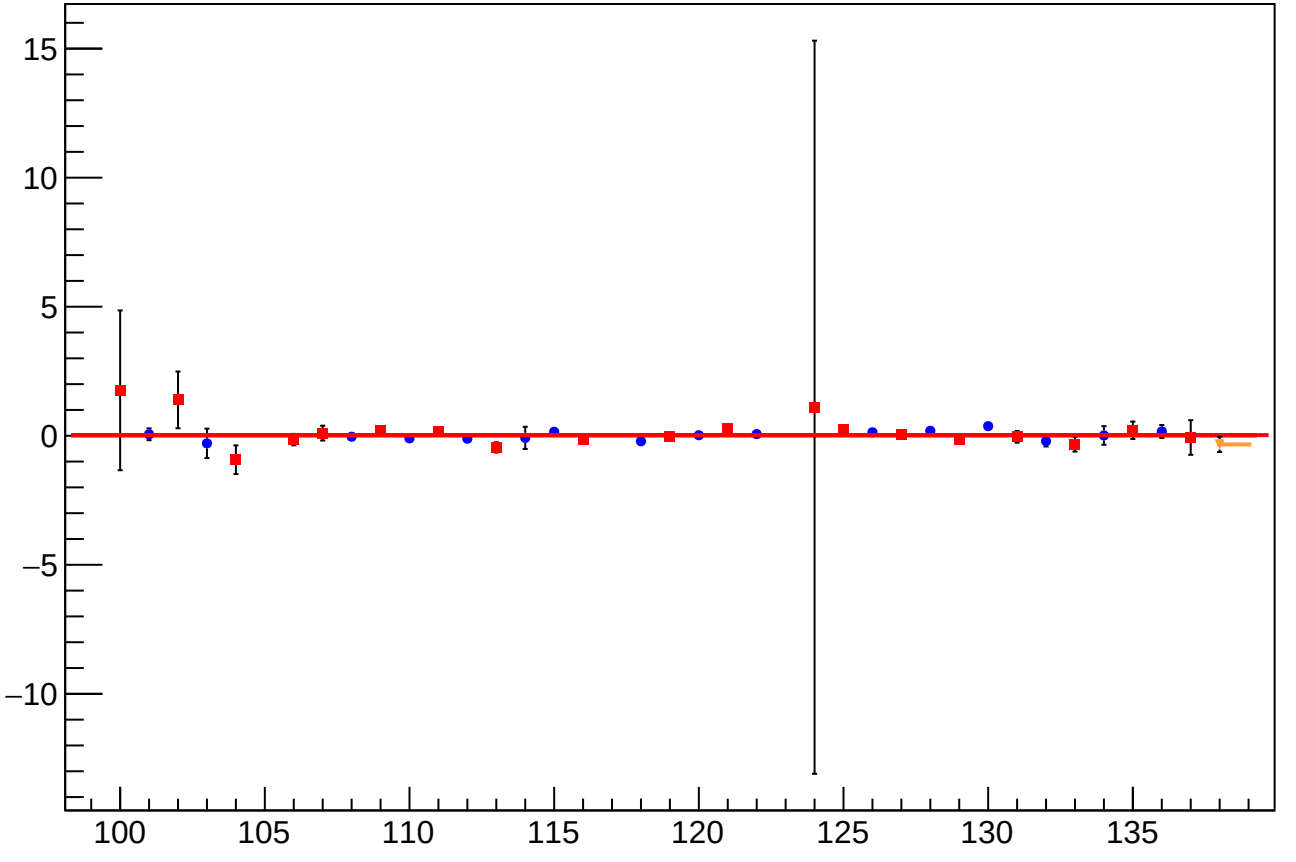
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1435671.5/16

All: 0.000+/-0.000 χ^2/NDF: 4967421.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.015+/-0.048 χ^2/NDF: 11.8/15

Left Out: -0.336+/-0.295 χ^2/NDF:0.0/0

Right Out: 0.026+/-0.047 χ^2/NDF: 22.1/18

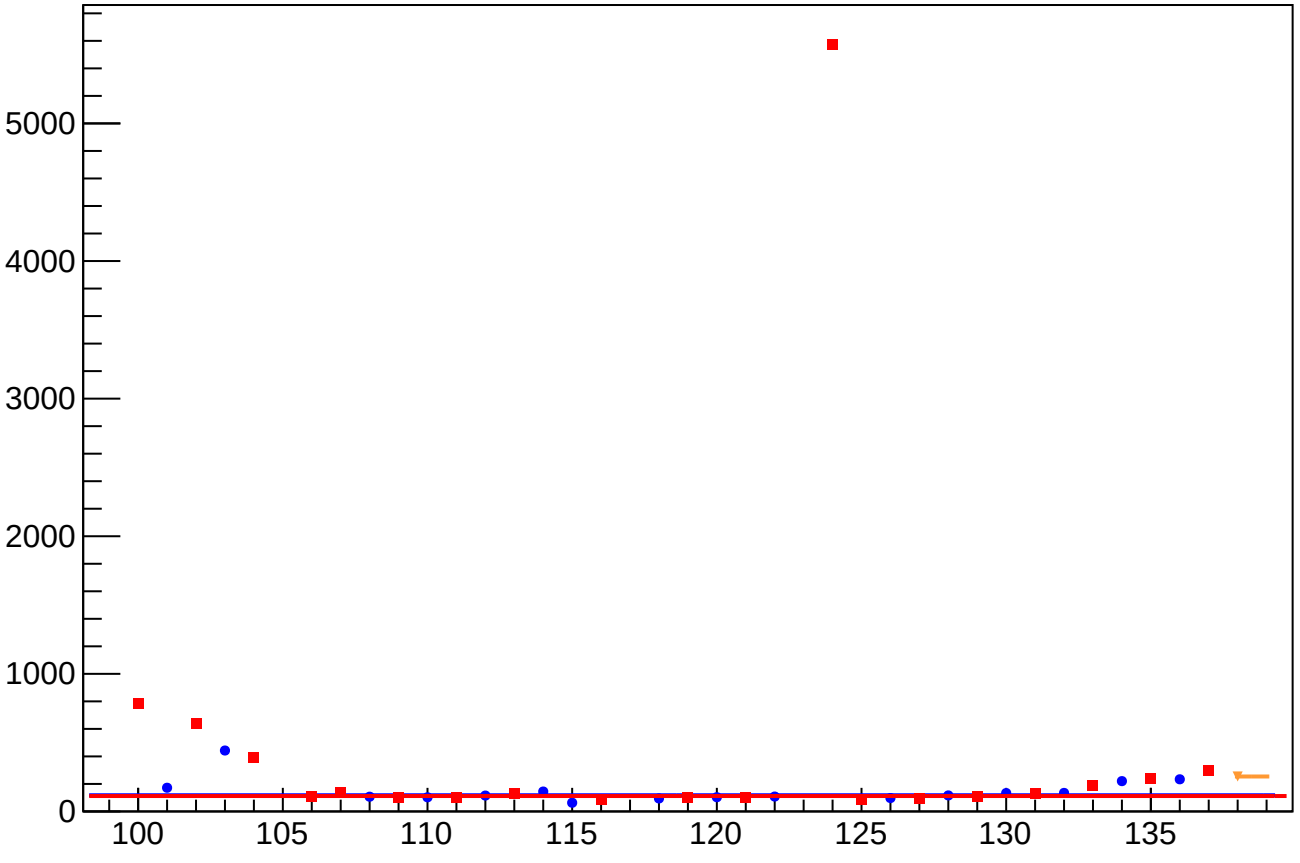
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.047 χ^2/NDF: 13.2/16

All: 0.016+/-0.033 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 117.649+/-0.034 χ^2/NDF: 1722401.0/15

Left Out: 254.062+/-0.209 χ^2/NDF:0.0/0

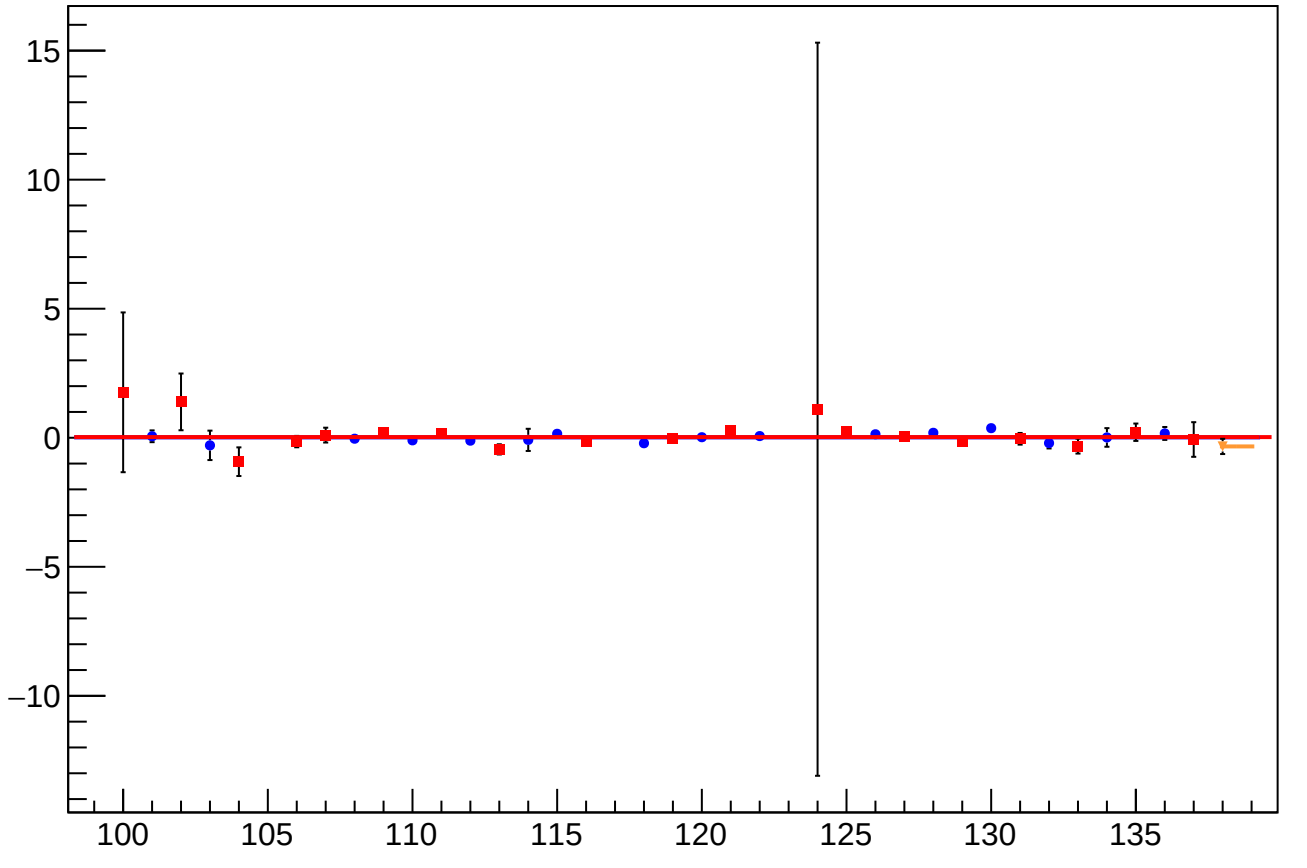
Right Out: 112.124+/-0.033 χ^2/NDF: 2186364.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.151+/-0.033 χ^2/NDF: 2138874.0/16

All: 116.596+/-0.024 χ^2/NDF: 4362031.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.015+/-0.048 χ^2/NDF: 11.8/15

Left Out: -0.336+/-0.295 χ^2/NDF:0.0/0

Right Out: 0.026+/-0.047 χ^2/NDF: 22.1/18

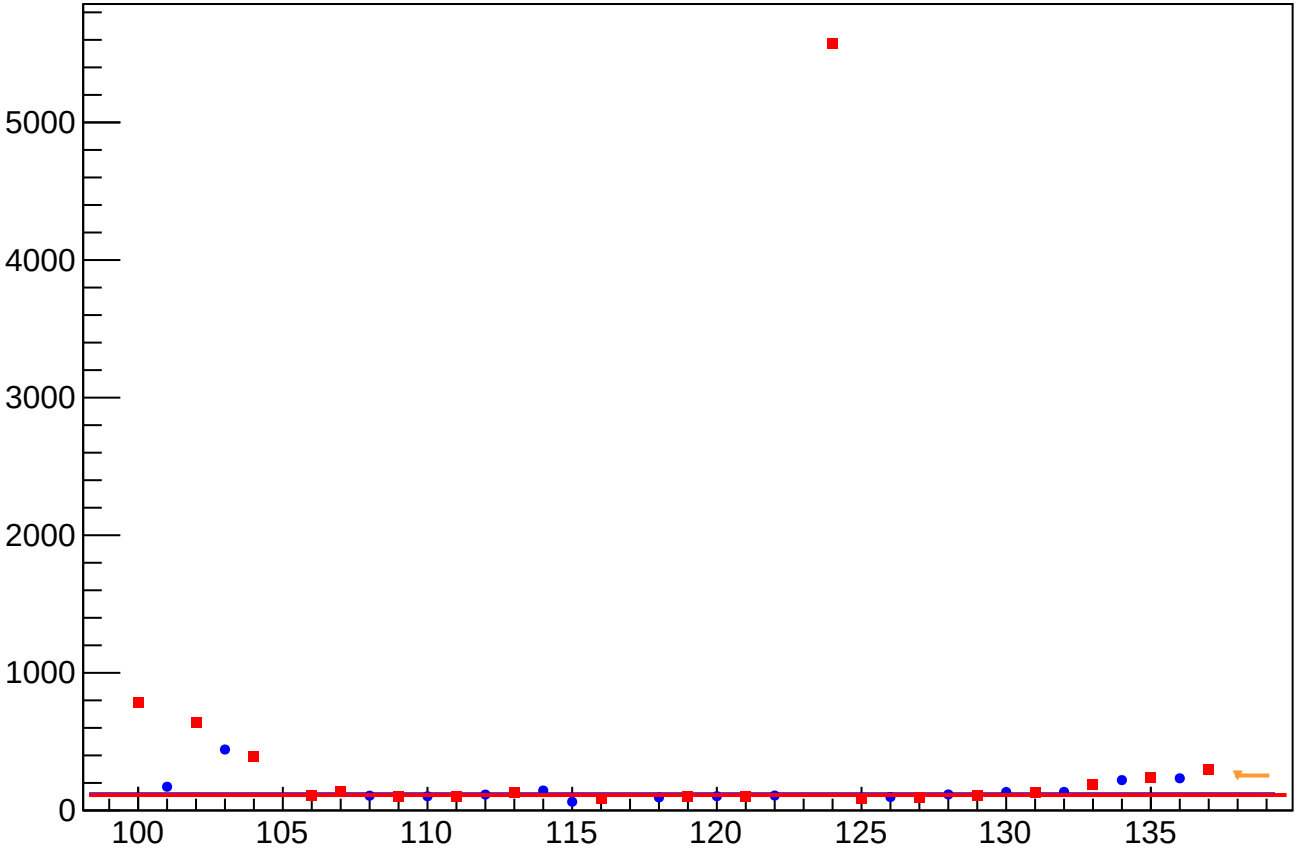
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.047 χ^2/NDF: 13.2/16

All: 0.016+/-0.033 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 117.649+/-0.034 χ^2/NDF: 1722401.0/15

Left Out: 254.062+/-0.209 χ^2/NDF:0.0/0

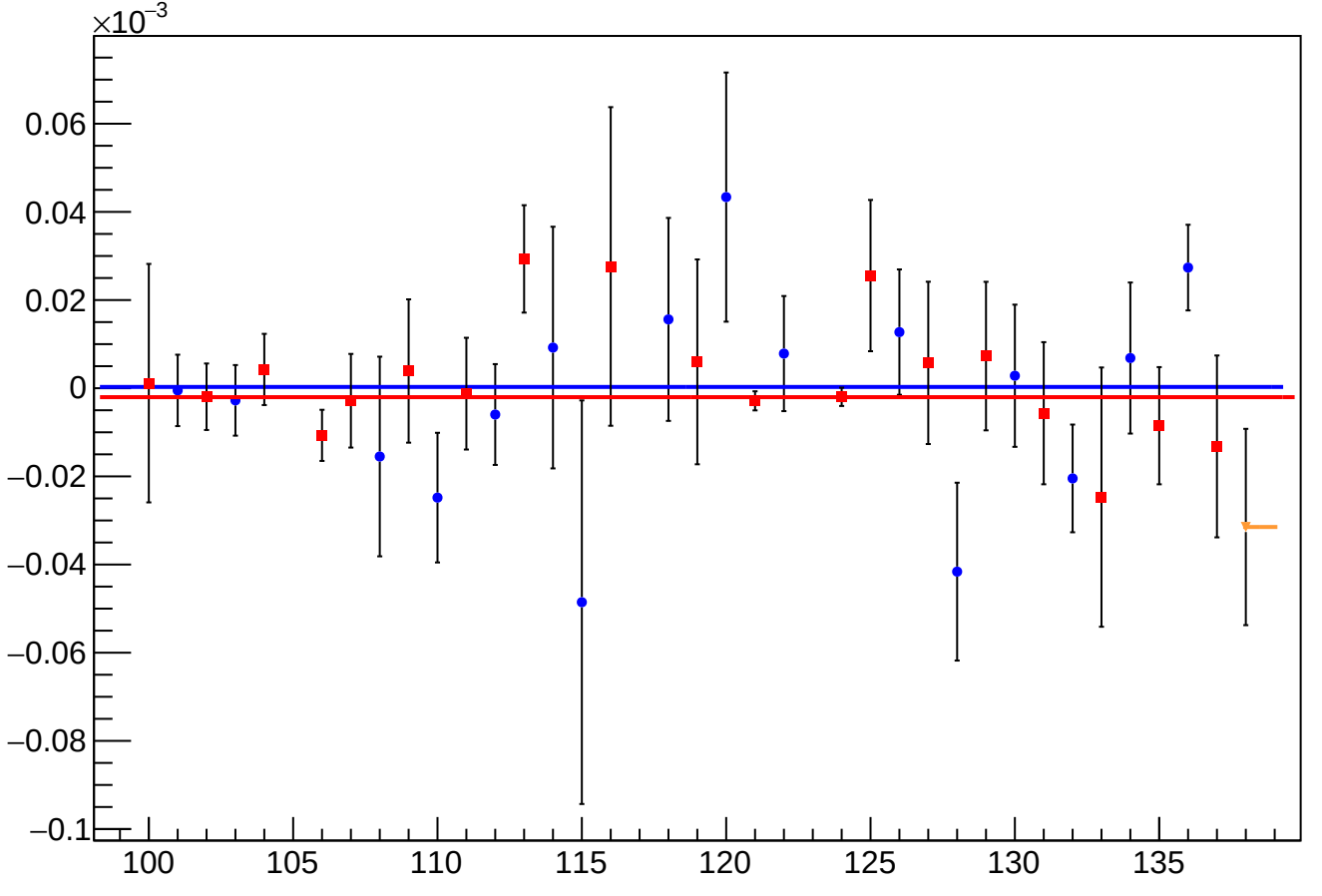
Right Out: 112.124+/-0.033 χ^2/NDF: 2186364.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.151+/-0.033 χ^2/NDF: 2138874.0/16

All: 116.596+/-0.024 χ^2/NDF: 4362031.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 24.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

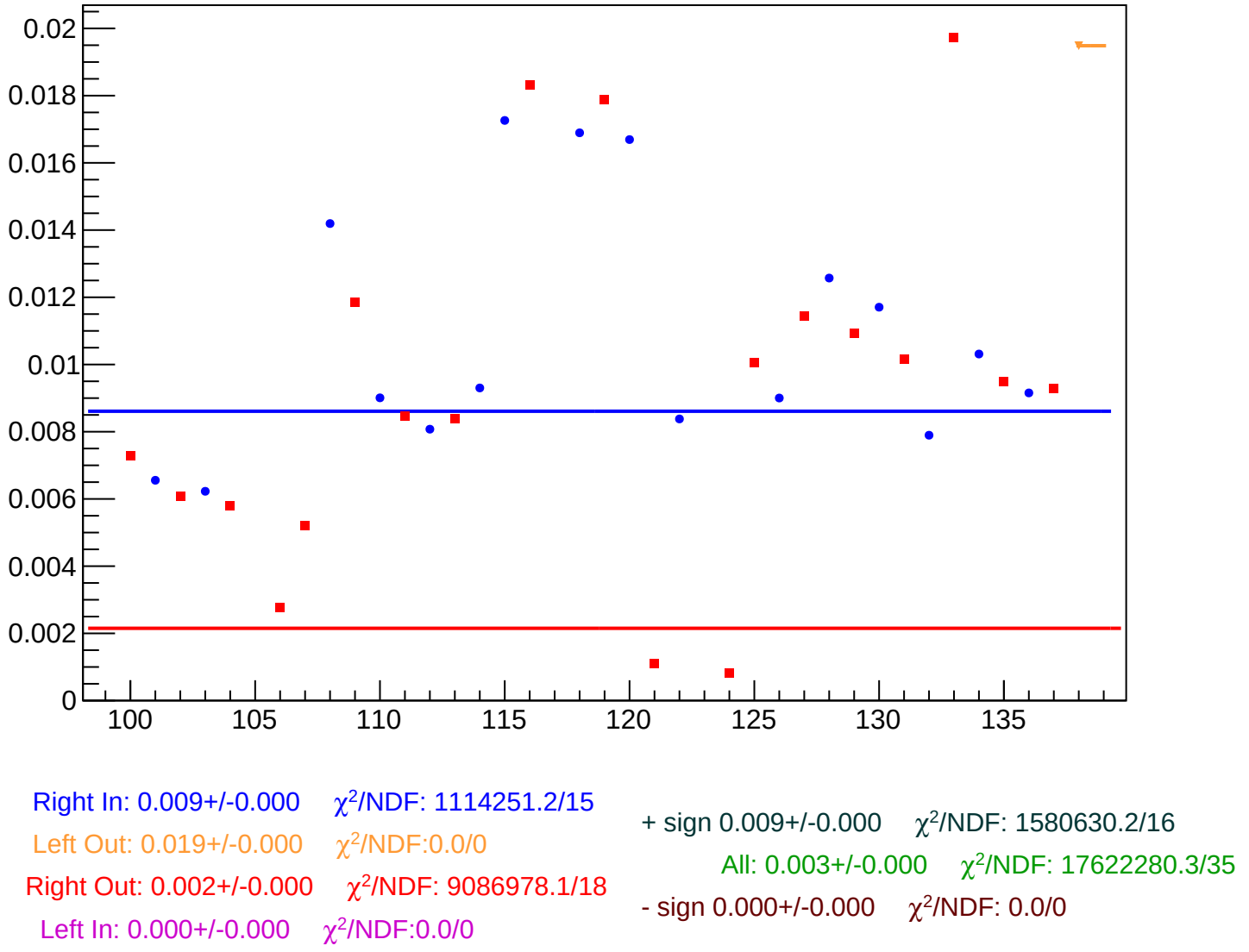
Right Out: -0.000+/-0.000 χ^2/NDF: 14.8/18

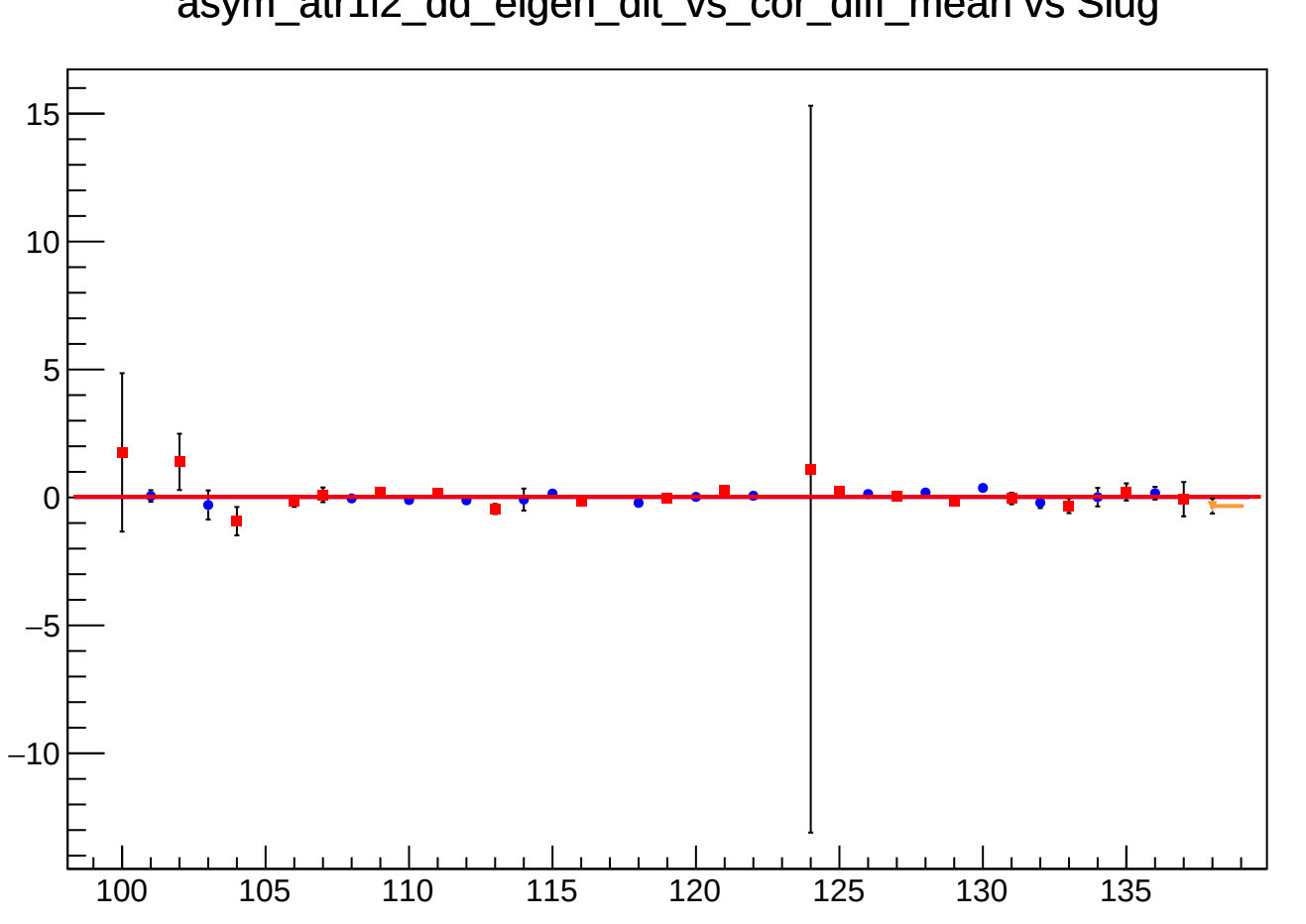
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 26.1/16

All: -0.000+/-0.000 χ^2/NDF: 41.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
105
110
115
120
125
130
135
Right In: 0.009+/-0.000 χ²/NDF: 1114251.2/15
Left Out: 0.019+/-0.000 χ²/NDF:0.0/0
Right Out: 0.002+/-0.000 χ²/NDF: 9086978.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.009+/-0.000 χ²/NDF: 1580630.2/16
All: 0.003+/-0.000 χ²/NDF: 17622280.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.015+/-0.048 χ^2/NDF: 11.8/15

Left Out: -0.336+/-0.295 χ^2/NDF:0.0/0

Right Out: 0.026+/-0.047 χ^2/NDF: 22.1/18

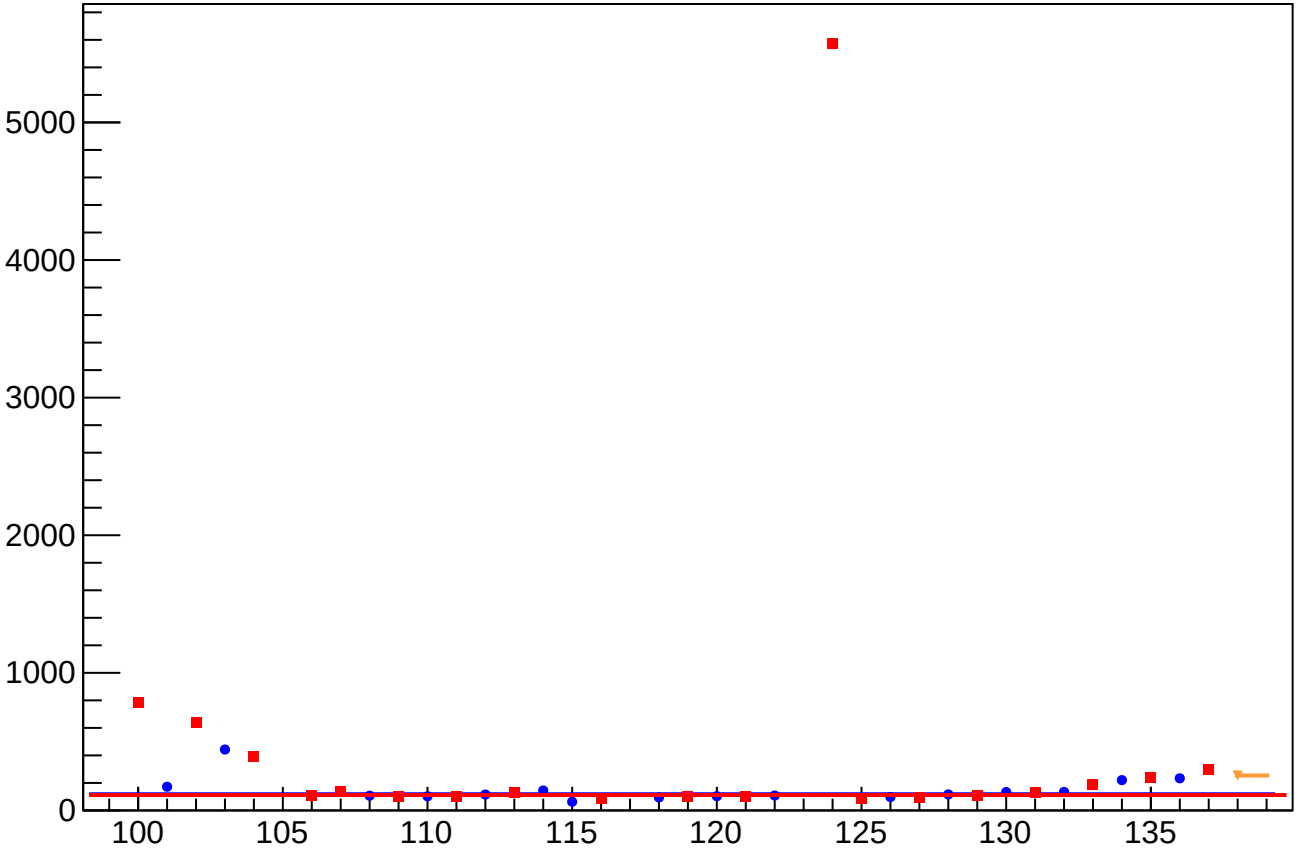
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.047 χ^2/NDF: 13.2/16

All: 0.016+/-0.033 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 117.649+/-0.034 χ^2/NDF: 1722367.8/15

Left Out: 254.064+/-0.209 χ^2/NDF:0.0/0

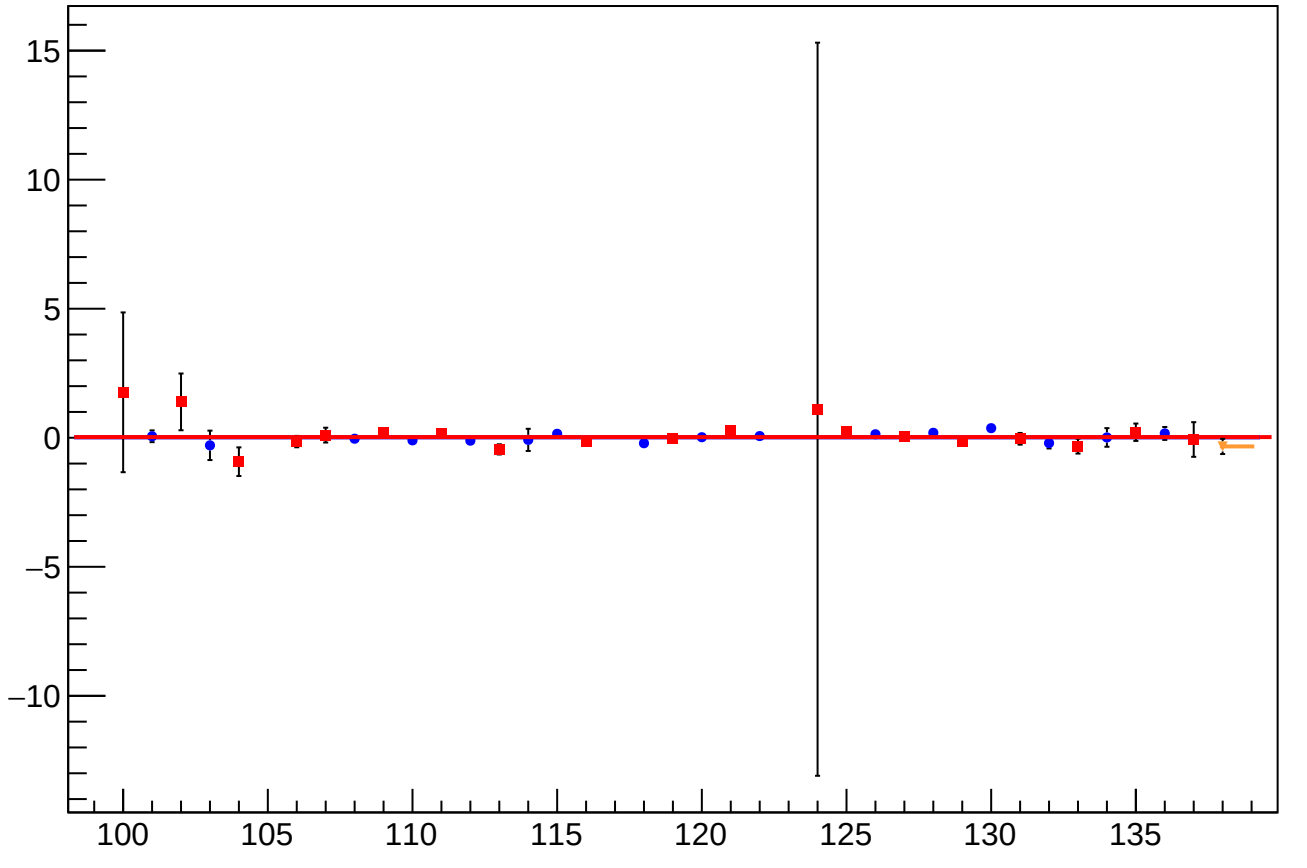
Right Out: 112.126+/-0.033 χ^2/NDF: 2186296.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.151+/-0.033 χ^2/NDF: 2138849.8/16

All: 116.597+/-0.024 χ^2/NDF: 4361925.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.015+/-0.048 χ^2/NDF: 11.8/15

Left Out: -0.336+/-0.295 χ^2/NDF:0.0/0

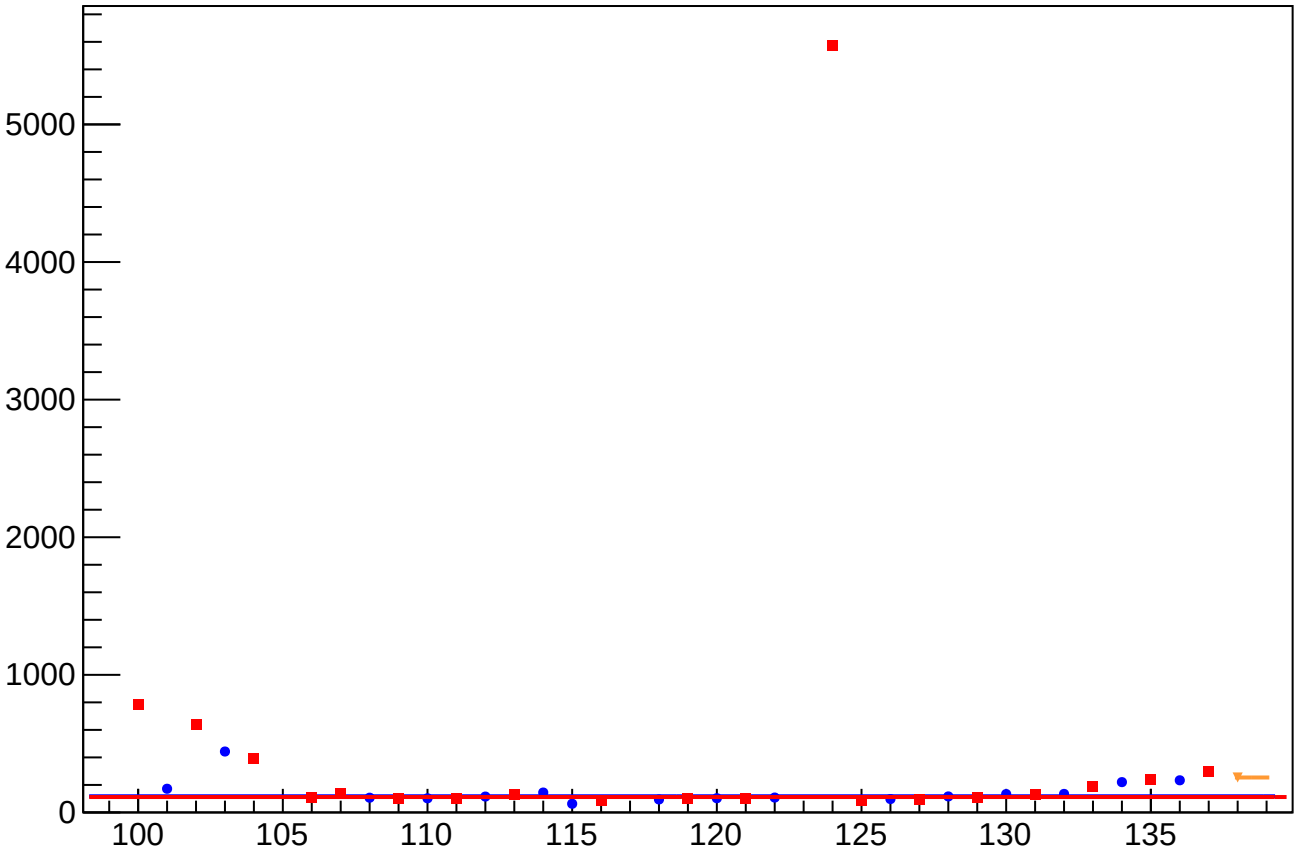
Right Out: 0.026+/-0.047 χ^2/NDF: 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.047 χ^2/NDF: 13.2/16

All: 0.016+/-0.033 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 117.649+/-0.034 χ^2/NDF: 1722367.8/15

Left Out: 254.064+/-0.209 χ^2/NDF:0.0/0

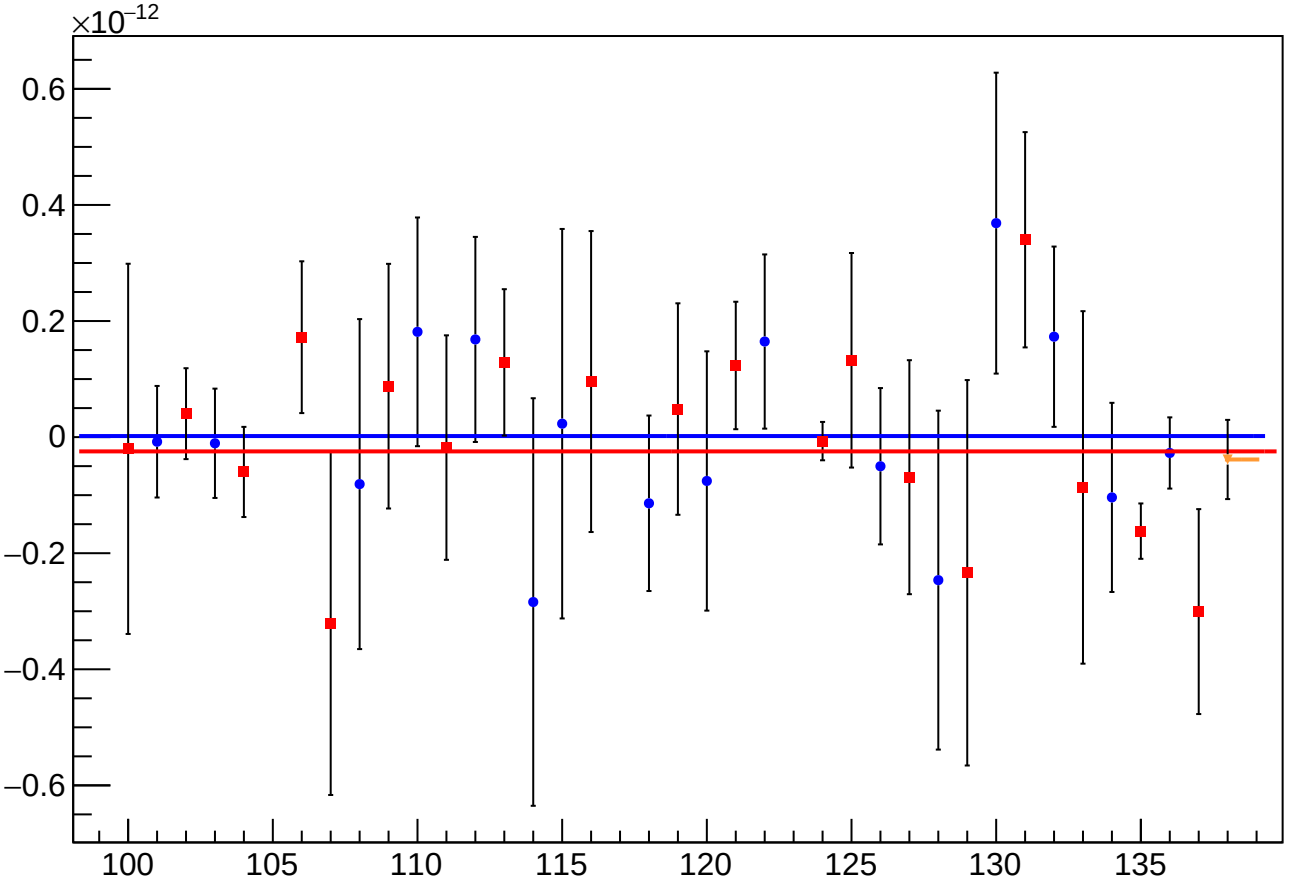
Right Out: 112.126+/-0.033 χ^2/NDF: 2186296.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.151+/-0.033 χ^2/NDF: 2138849.8/16

All: 116.597+/-0.024 χ^2/NDF: 4361925.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 9.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

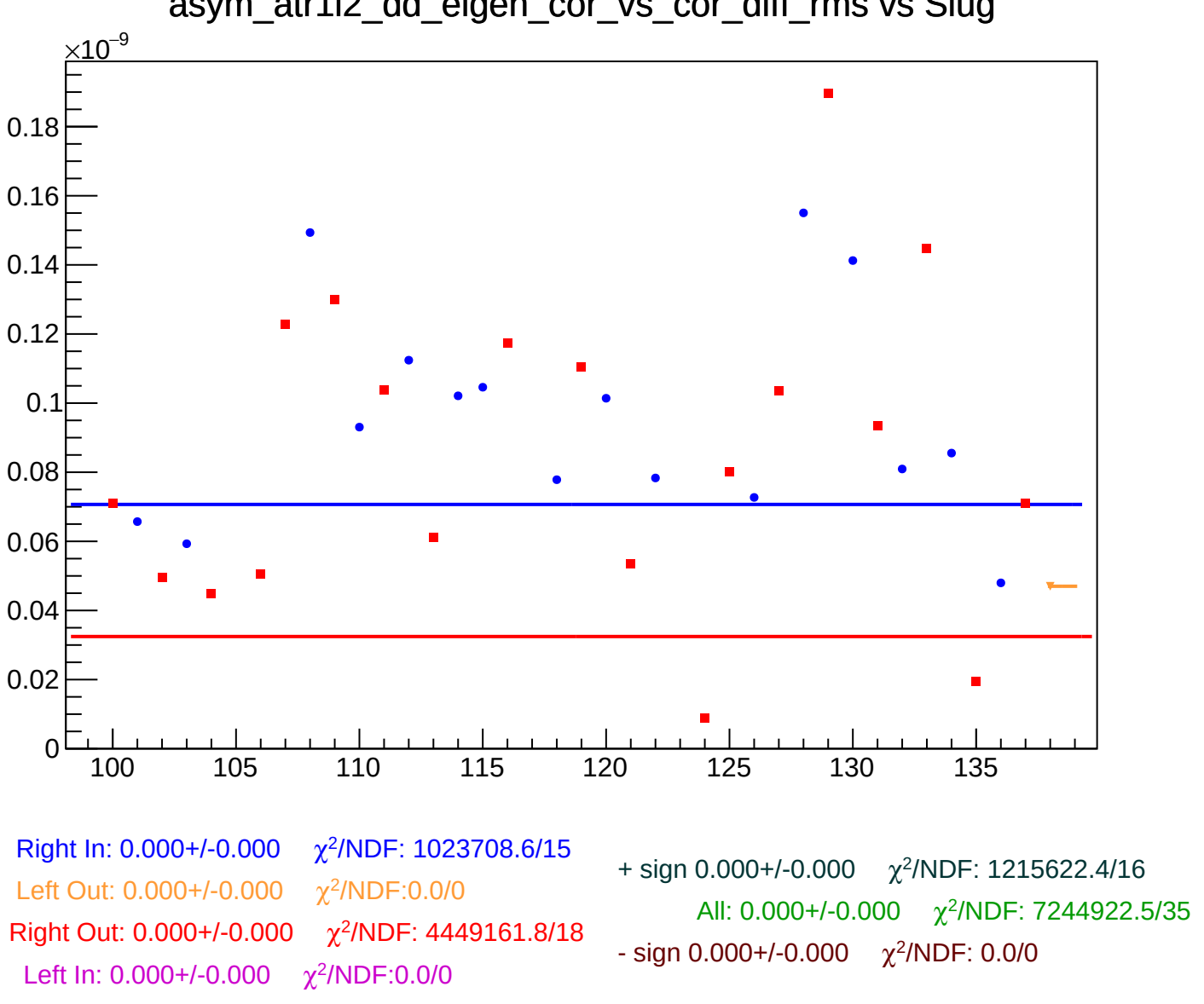
Right Out: -0.000+/-0.000 χ^2/NDF: 24.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

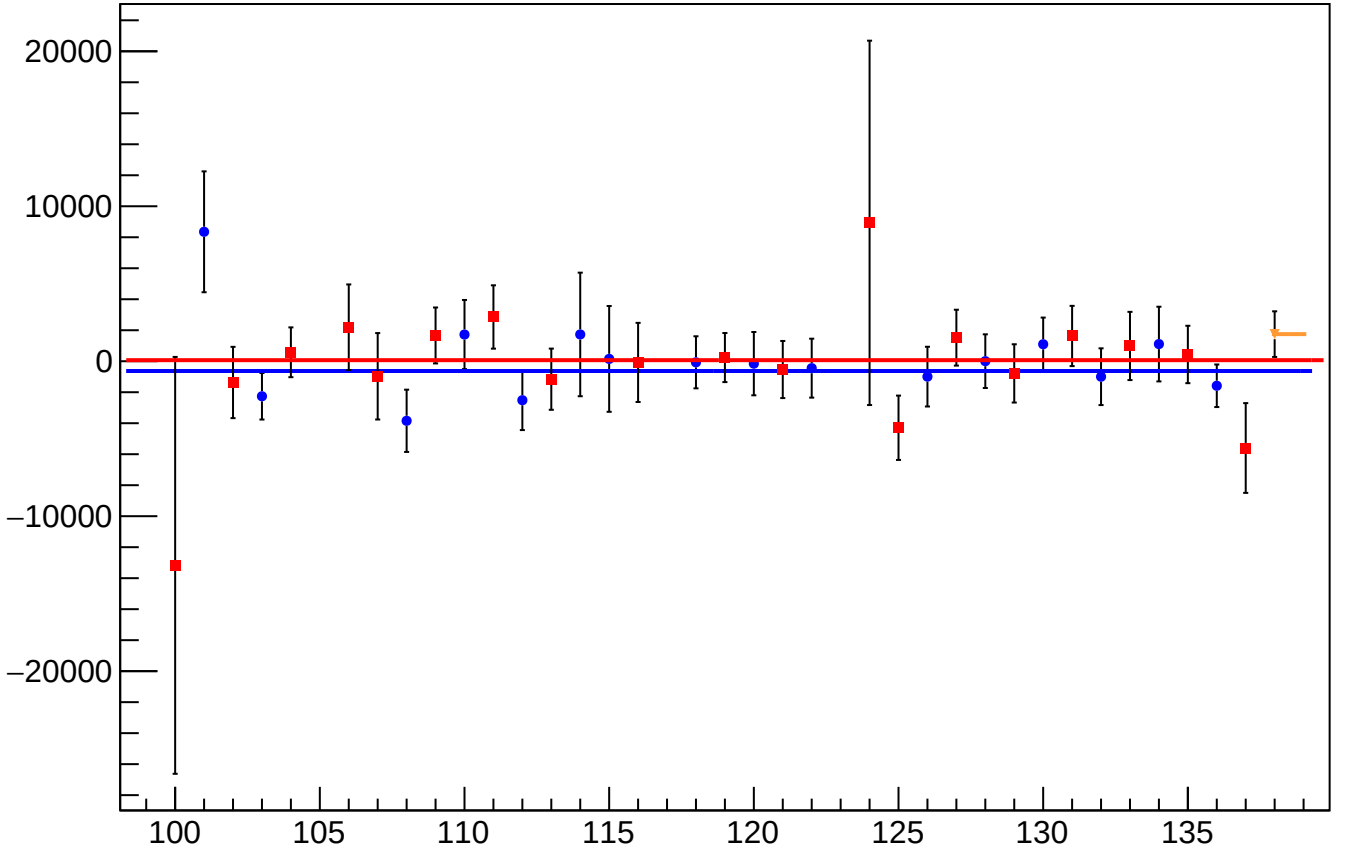
+ sign -0.000+/-0.000 χ^2/NDF: 9.4/16

All: -0.000+/-0.000 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1023708.6/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 4449161.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1215622.4/16
All: 0.000+/-0.000 χ²/NDF: 7244922.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -631.041+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.176+/-1472.063 χ^2/NDF:0.0/0

Right Out: 67.642+/-487.761 χ^2/NDF: 15.9/18

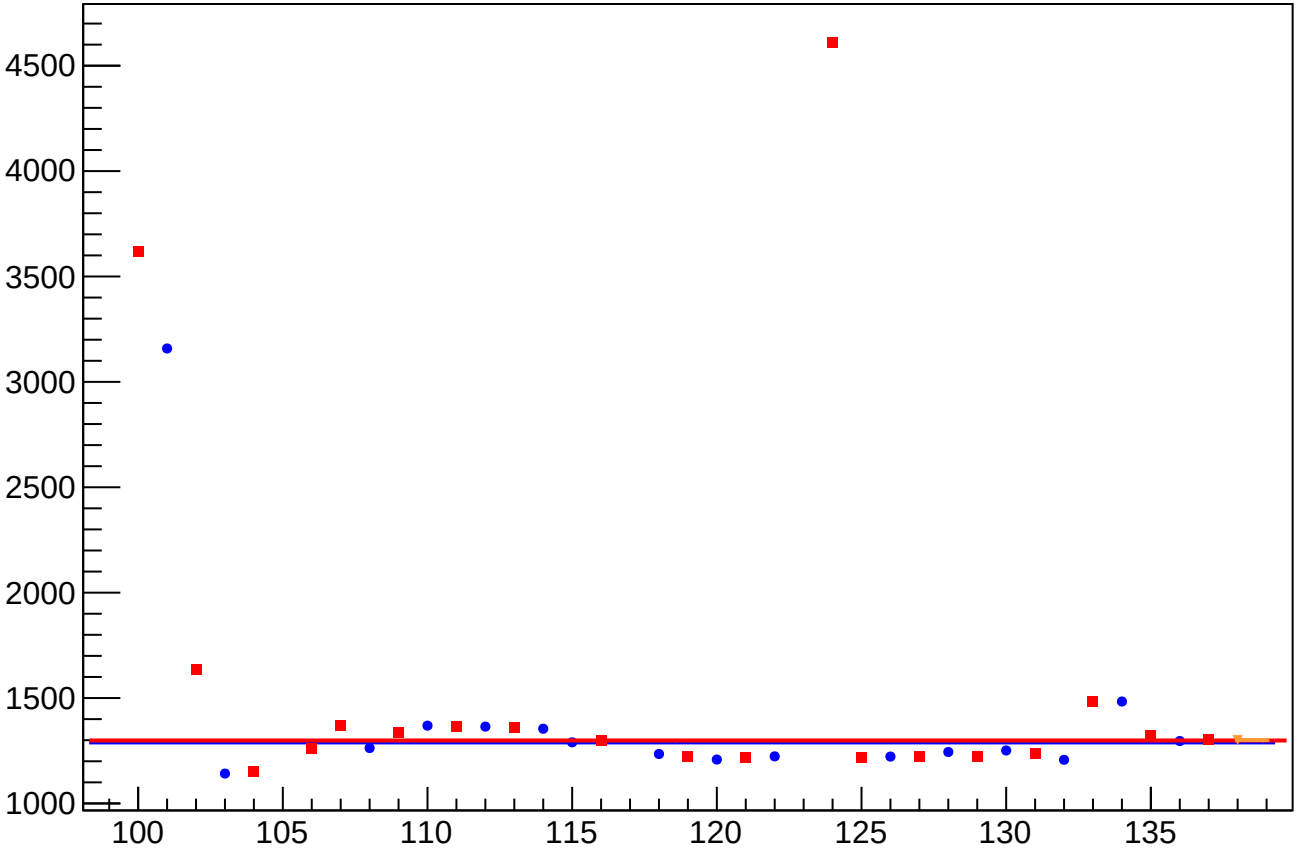
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -394.785+/-463.777 χ^2/NDF: 16.3/16

All: -175.219+/-336.099 χ^2/NDF: 32.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514675.0/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

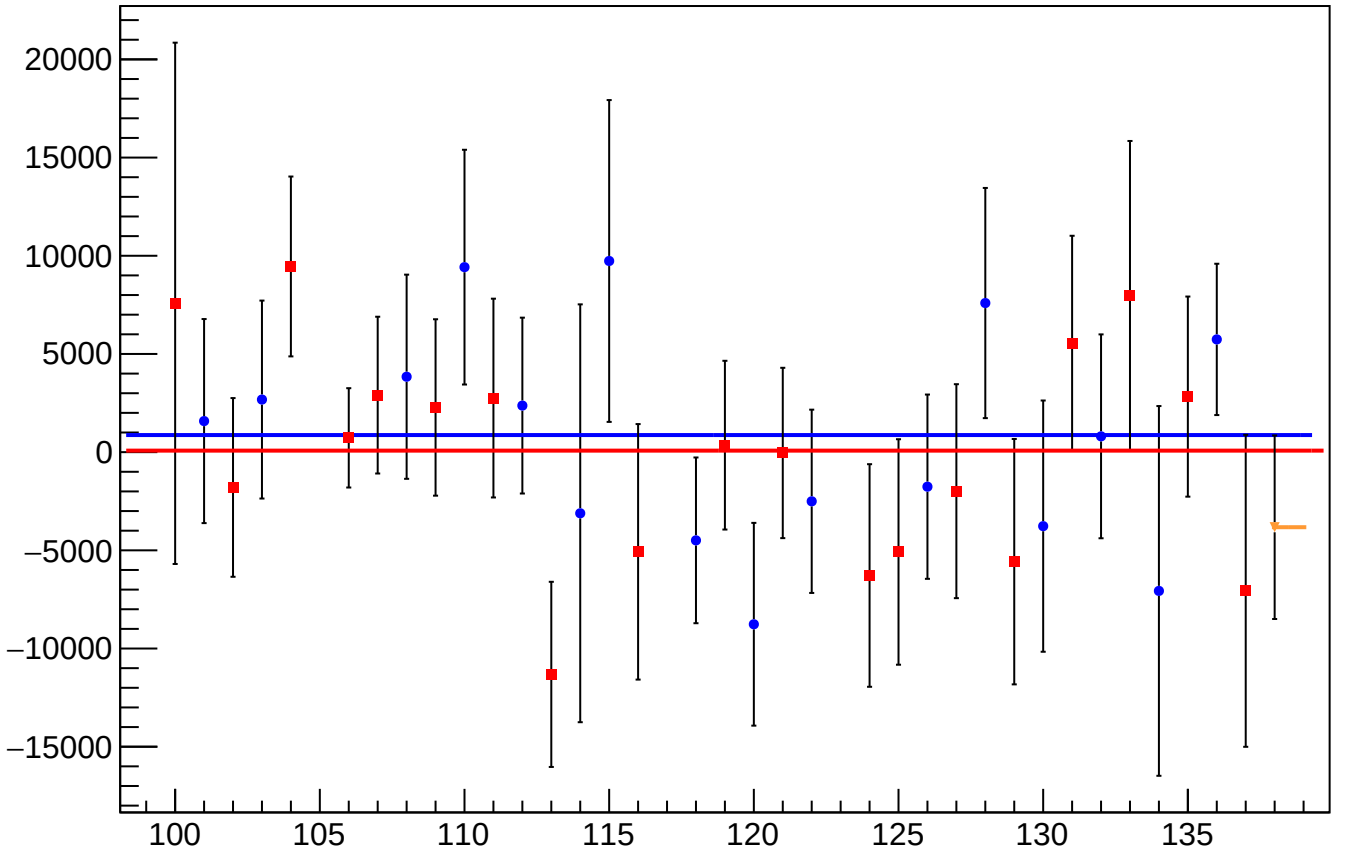
Right Out: 1298.656+/-0.344 χ^2/NDF: 319374.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1290.554+/-0.328 χ^2/NDF: 514774.9/16

All: 1294.411+/-0.237 χ^2/NDF: 834440.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 870.295+/-1325.278 χ^2/NDF: 14.0/15

Left Out: -3822.471+/-4673.884 χ^2/NDF:0.0/0

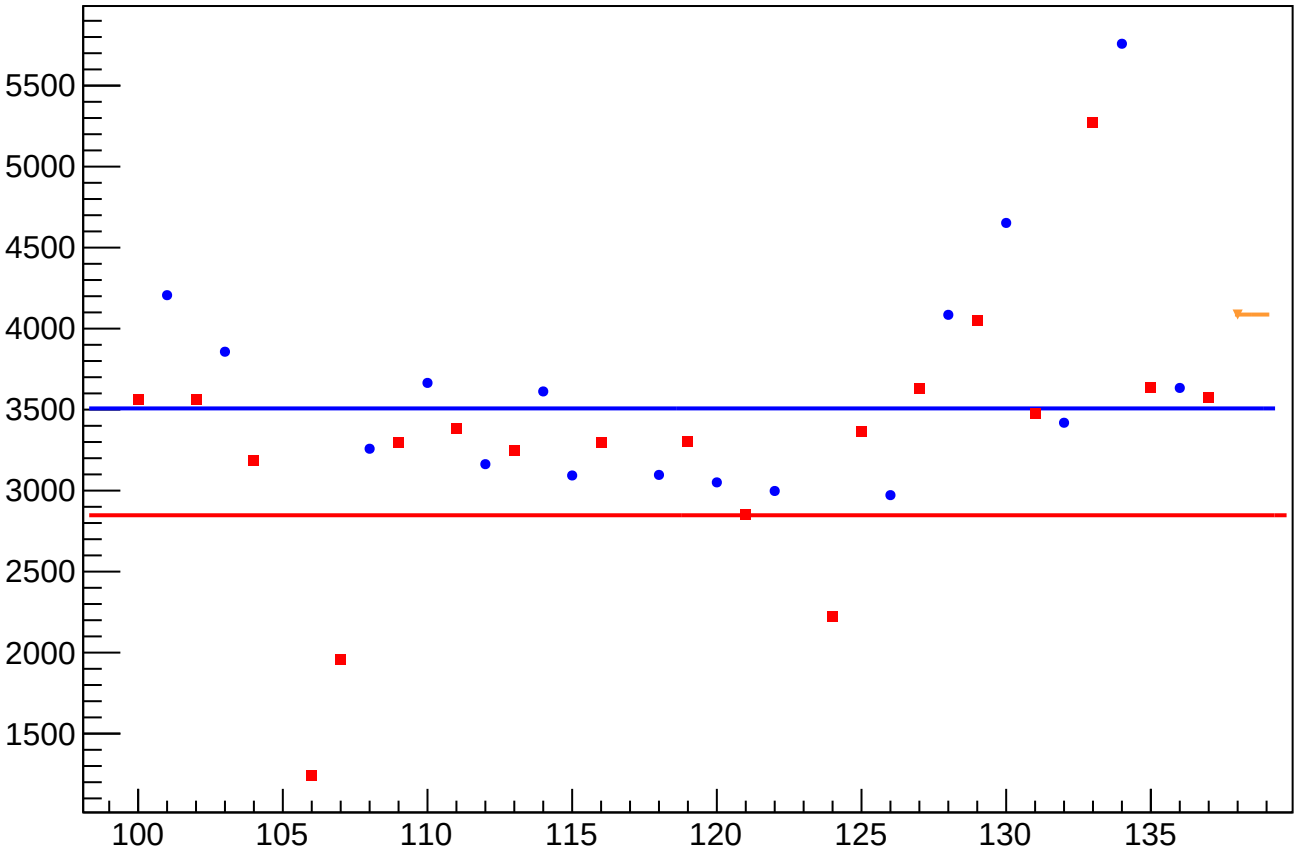
Right Out: 77.323+/-1111.074 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 521.072+/-1275.013 χ^2/NDF: 15.0/16

All: 268.853+/-837.652 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3507.397+/-0.937 χ^2/NDF: 353979.1/15

Left Out: 4086.792+/-3.305 χ^2/NDF:0.0/0

Right Out: 2847.833+/-0.786 χ^2/NDF: 1499373.6/18

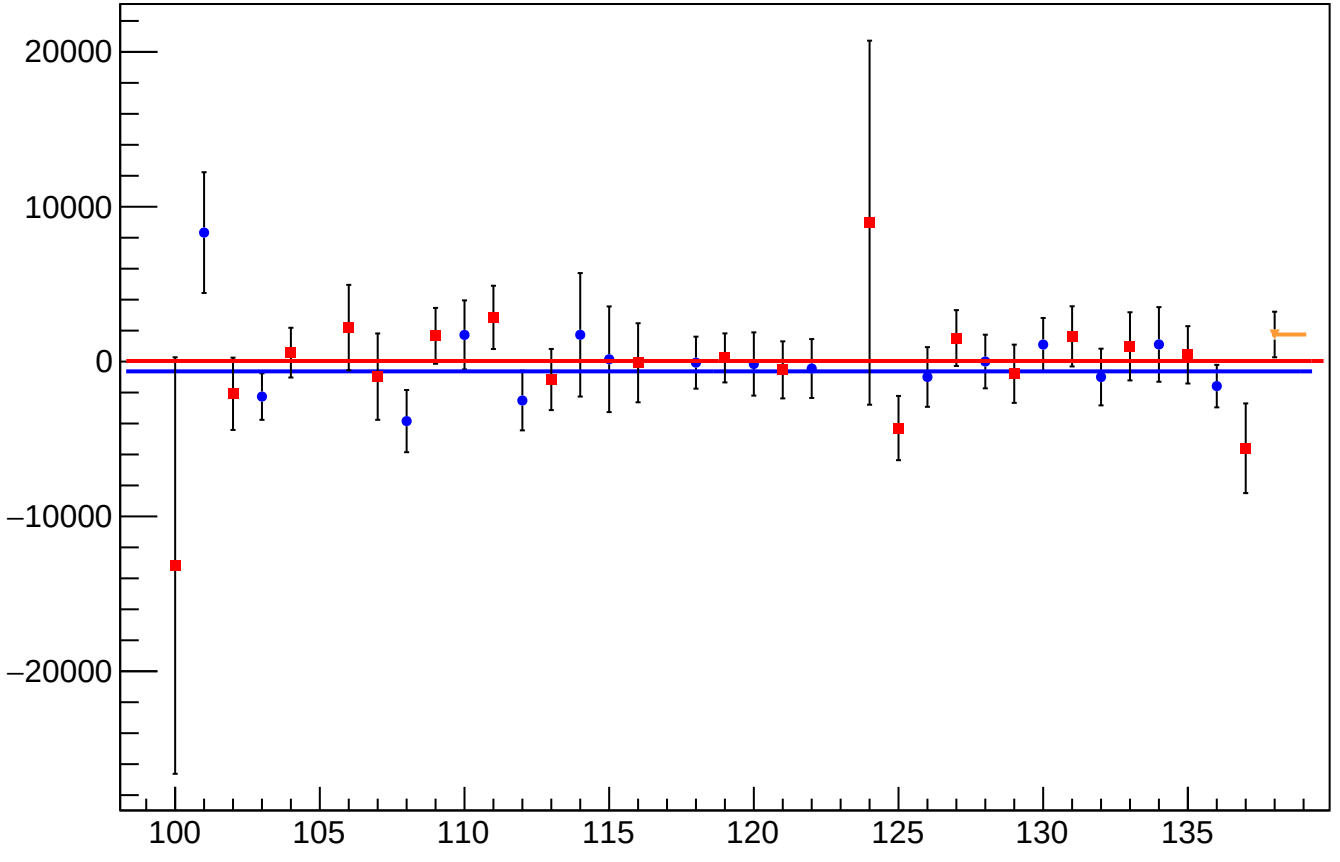
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3550.514+/-0.902 χ^2/NDF: 382426.3/16

All: 3151.122+/-0.592 χ^2/NDF: 2227069.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -631.427+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.097+/-1472.063 χ^2/NDF:0.0/0

Right Out: 38.623+/-488.084 χ^2/NDF: 16.3/18

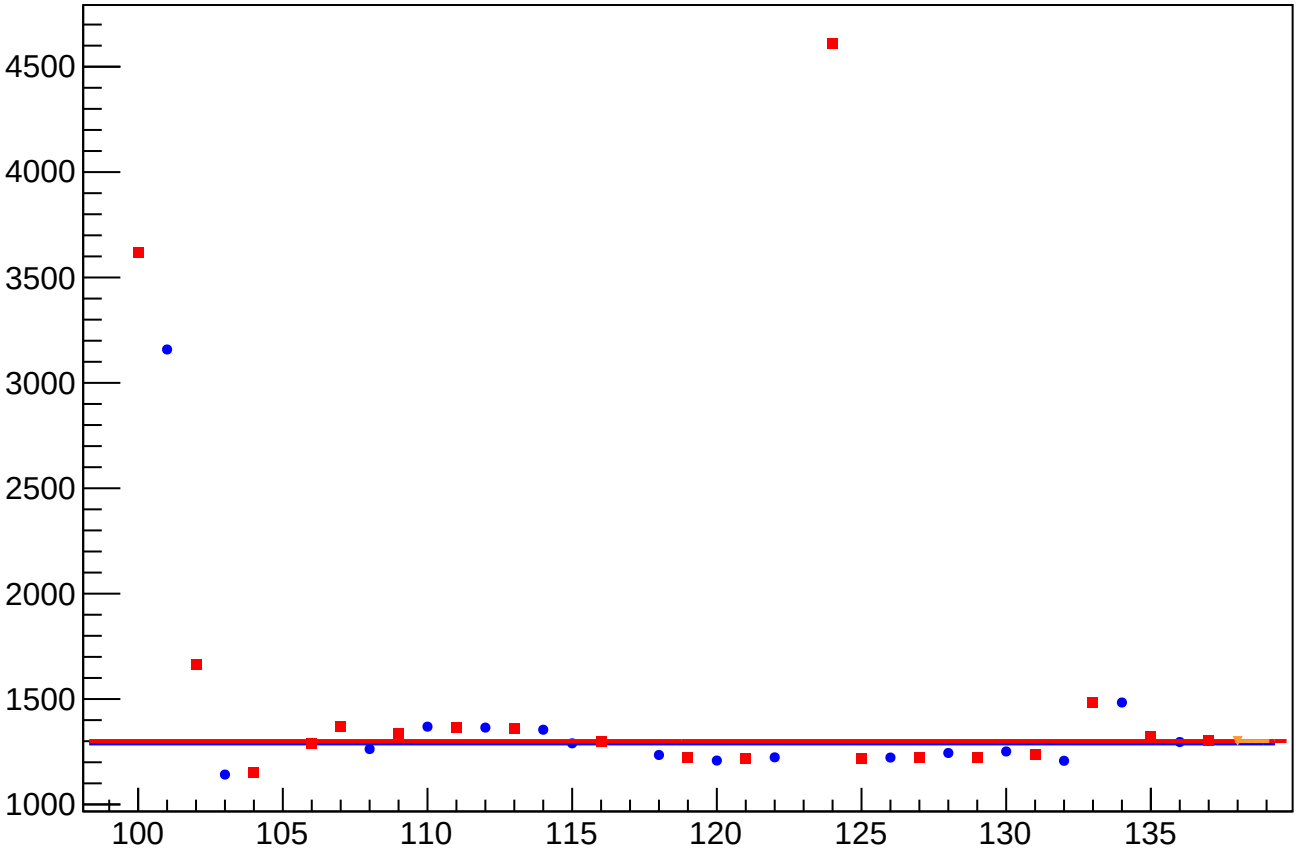
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -395.140+/-463.777 χ^2/NDF: 16.2/16

All: -189.328+/-336.205 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514676.5/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

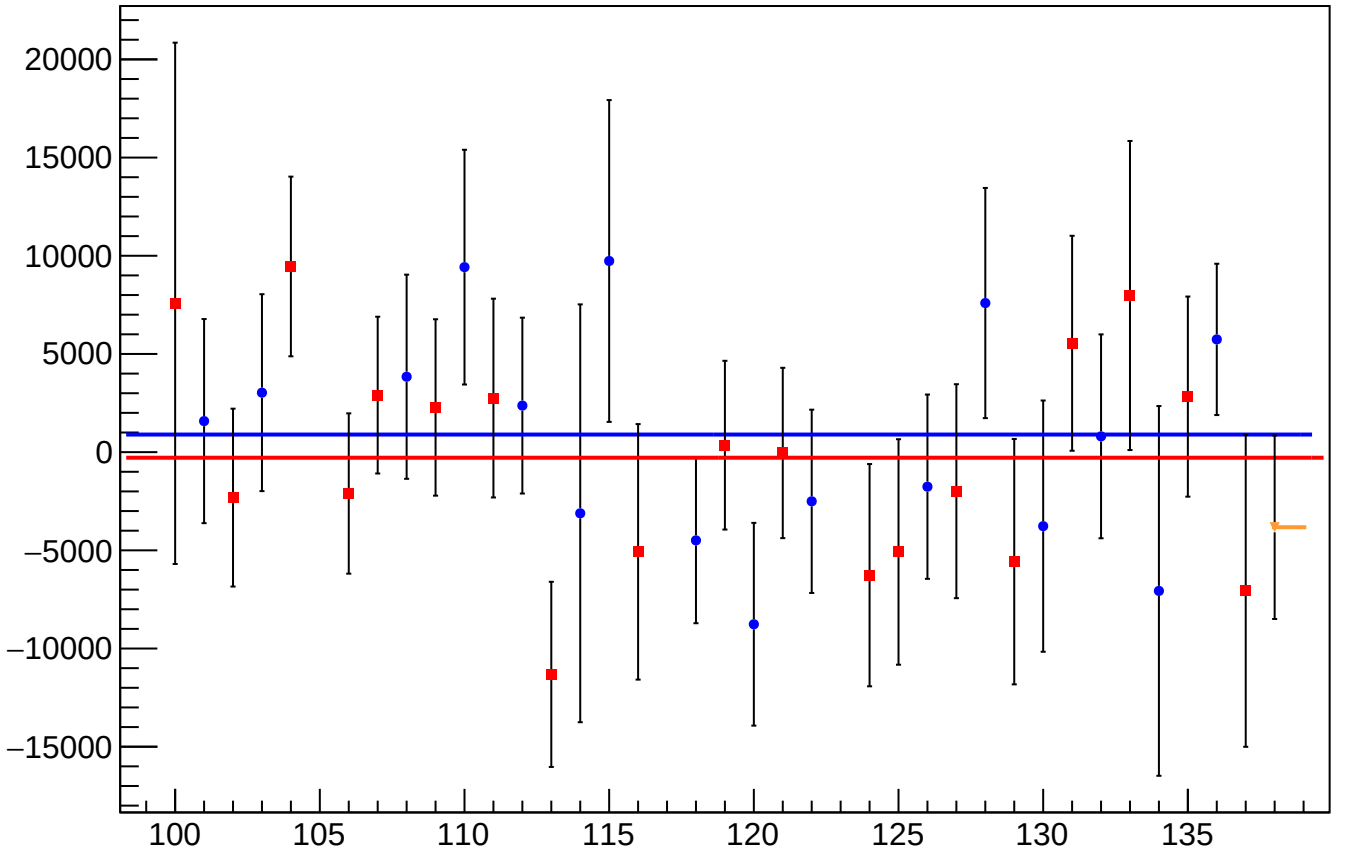
Right Out: 1300.684+/-0.344 χ^2/NDF: 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1290.554+/-0.328 χ^2/NDF: 514776.3/16

All: 1295.370+/-0.238 χ^2/NDF: 841137.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 896.017+/-1324.823 χ^2/NDF: 14.1/15

Left Out: -3822.622+/-4673.882 χ^2/NDF:0.0/0

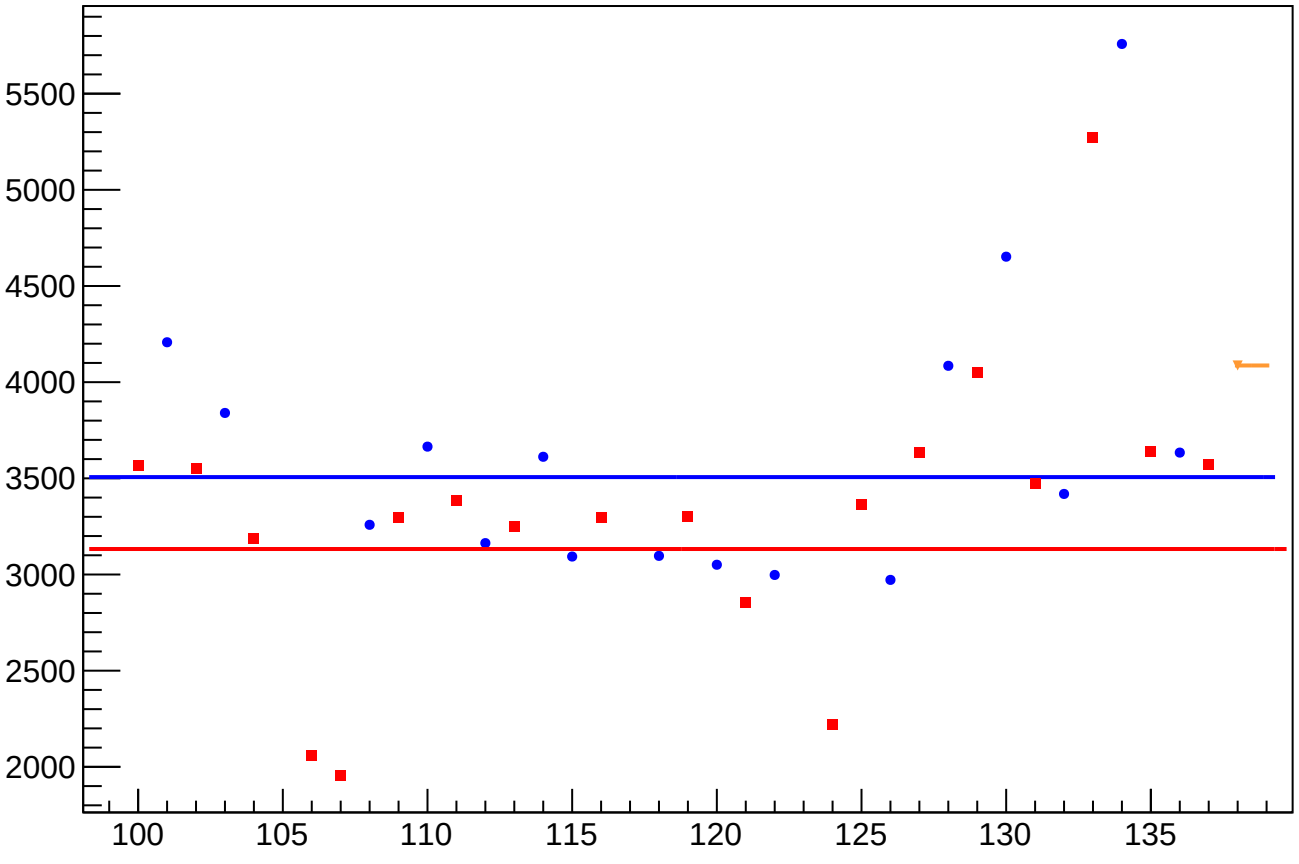
Right Out: -283.963+/-1183.171 χ^2/NDF: 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 545.091+/-1274.608 χ^2/NDF: 15.0/16

All: 99.764+/-867.154 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3506.484+/-0.937 χ^2/NDF: 353237.7/15

Left Out: 4086.790+/-3.305 χ^2/NDF:0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF: 649611.1/18

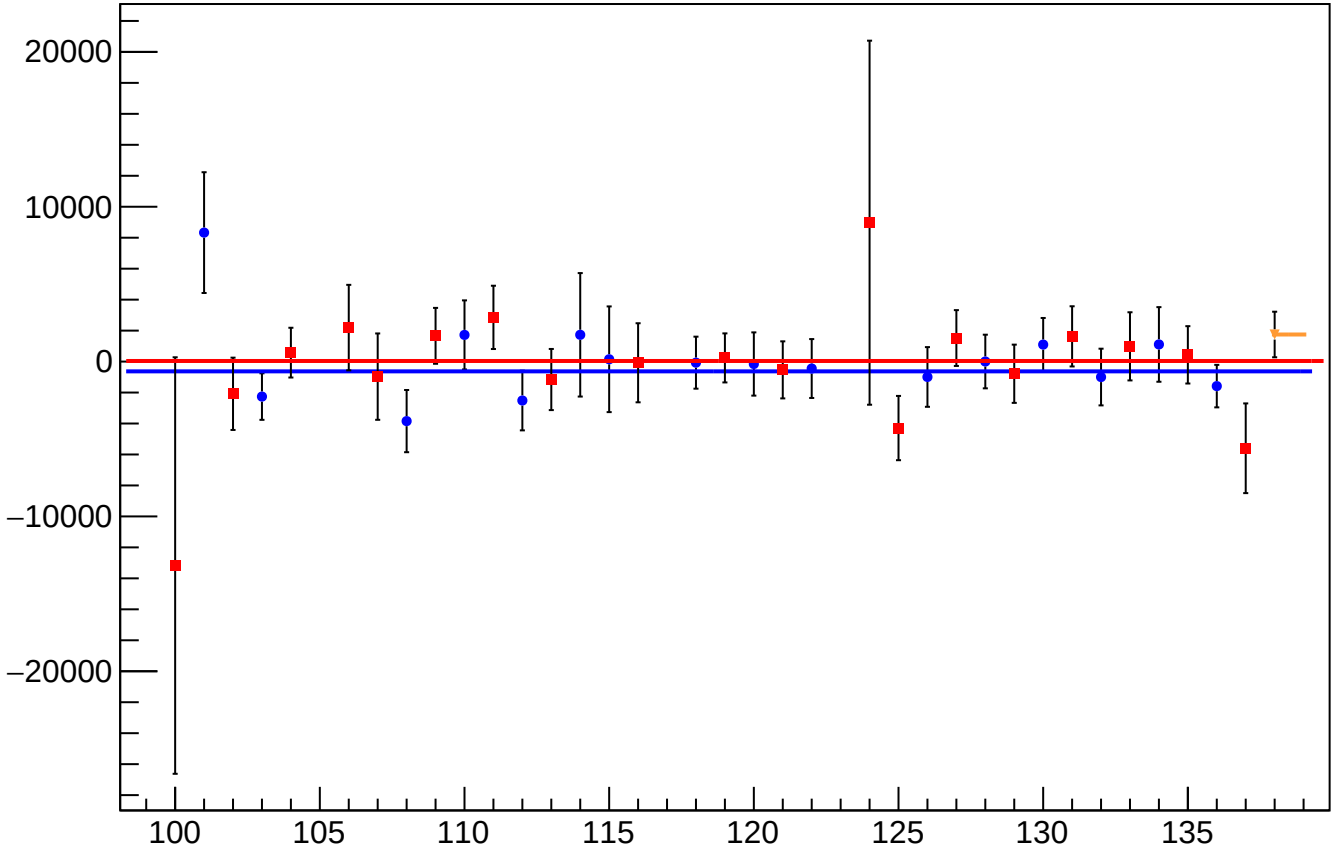
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3549.641+/-0.901 χ^2/NDF: 381775.9/16

All: 3325.620+/-0.613 χ^2/NDF: 1146403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -631.427+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.097+/-1472.063 χ^2/NDF:0.0/0

Right Out: 38.623+/-488.084 χ^2/NDF: 16.3/18

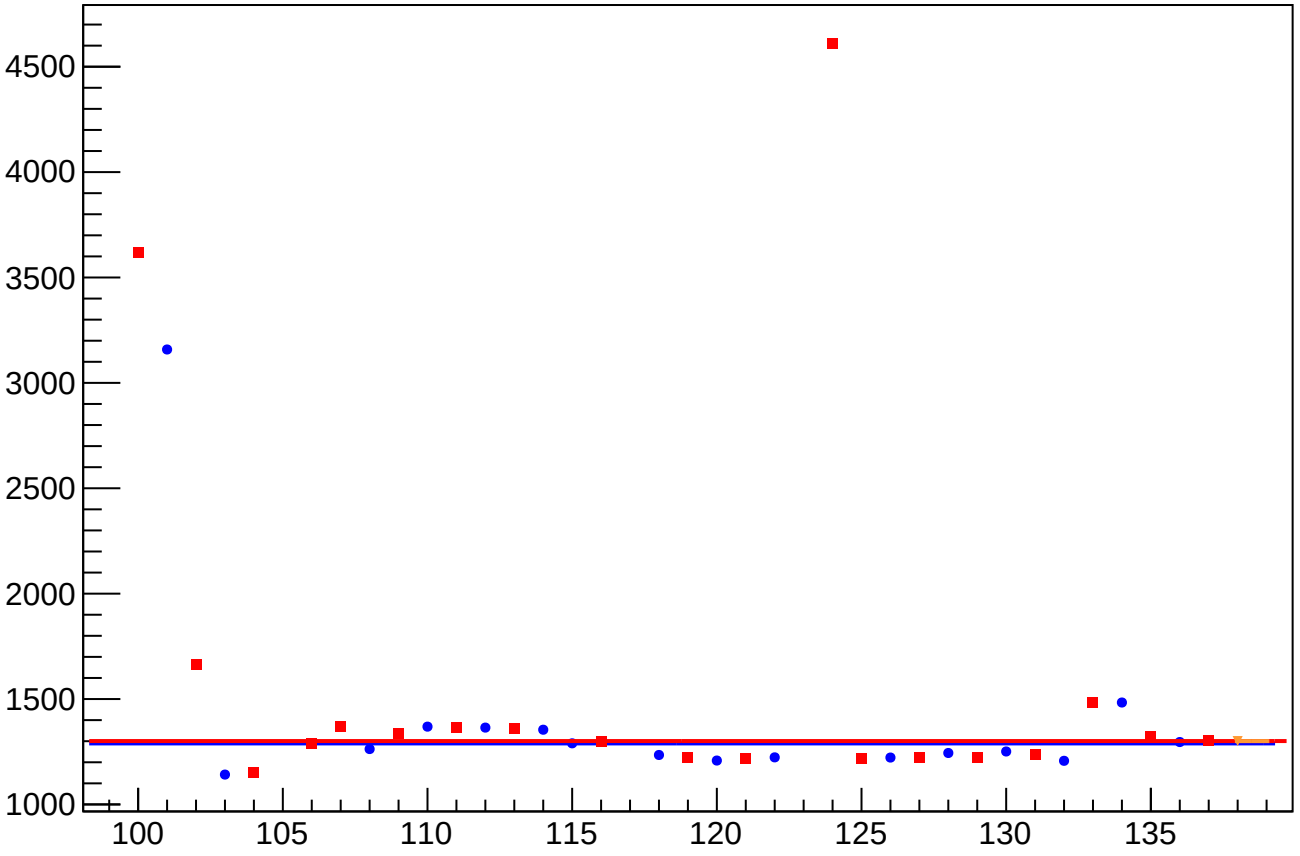
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -395.140+/-463.777 χ^2/NDF: 16.2/16

All: -189.328+/-336.205 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514676.5/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

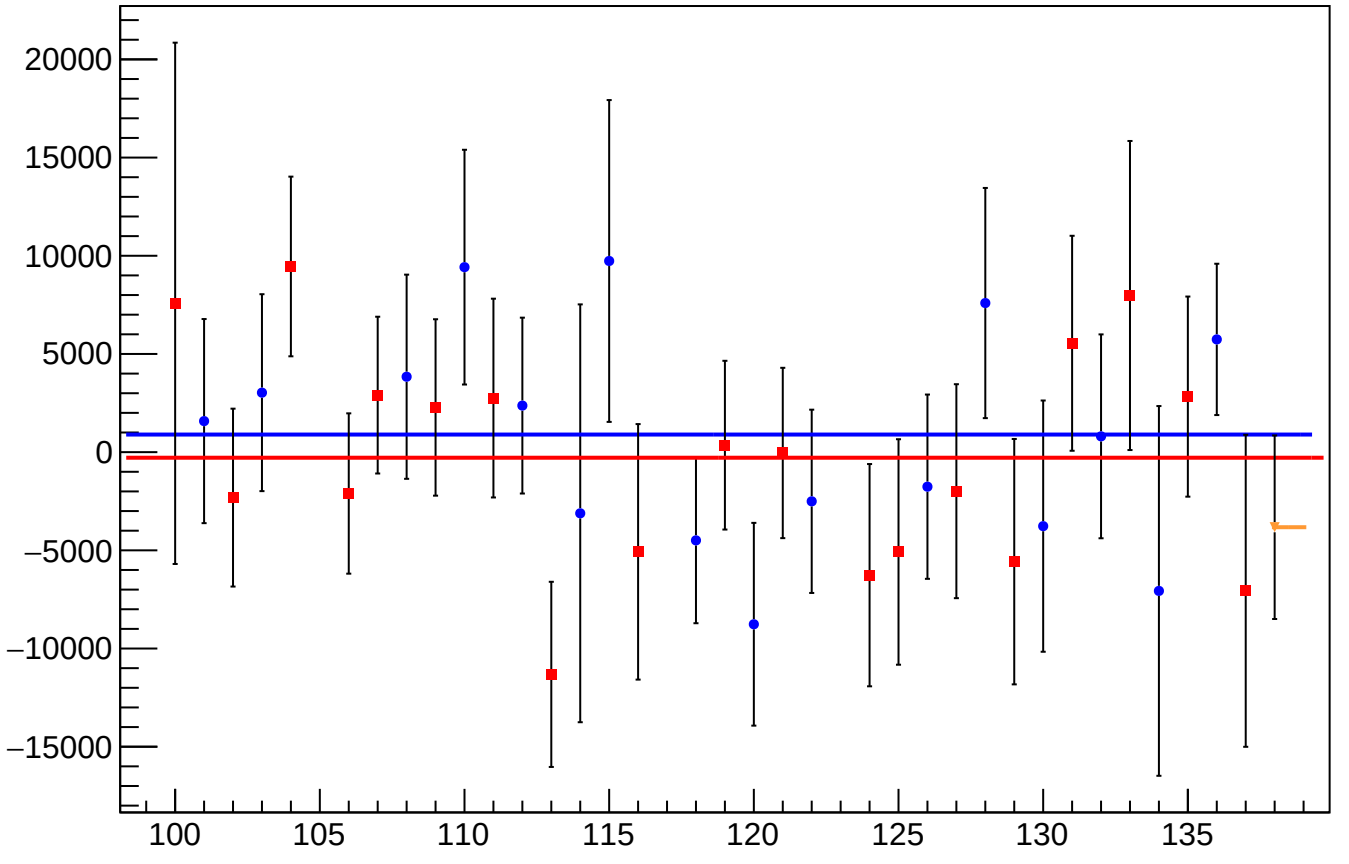
Right Out: 1300.684+/-0.344 χ^2/NDF: 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1290.554+/-0.328 χ^2/NDF: 514776.3/16

All: 1295.370+/-0.238 χ^2/NDF: 841137.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 896.017+/-1324.823 χ^2/NDF: 14.1/15

Left Out: -3822.622+/-4673.882 χ^2/NDF:0.0/0

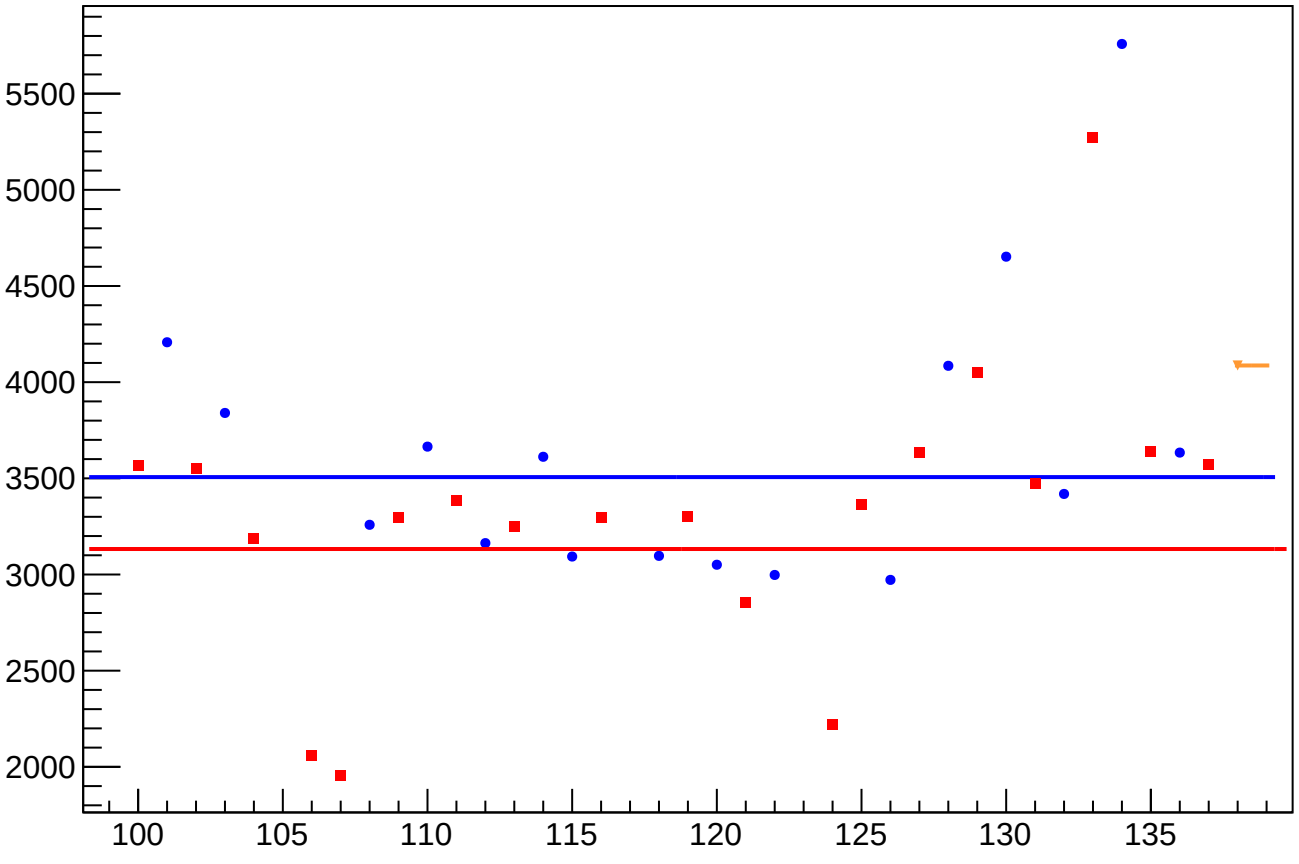
Right Out: -283.963+/-1183.171 χ^2/NDF: 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 545.091+/-1274.608 χ^2/NDF: 15.0/16

All: 99.764+/-867.154 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3506.484+/-0.937 χ^2/NDF: 353237.7/15

Left Out: 4086.790+/-3.305 χ^2/NDF:0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF: 649611.1/18

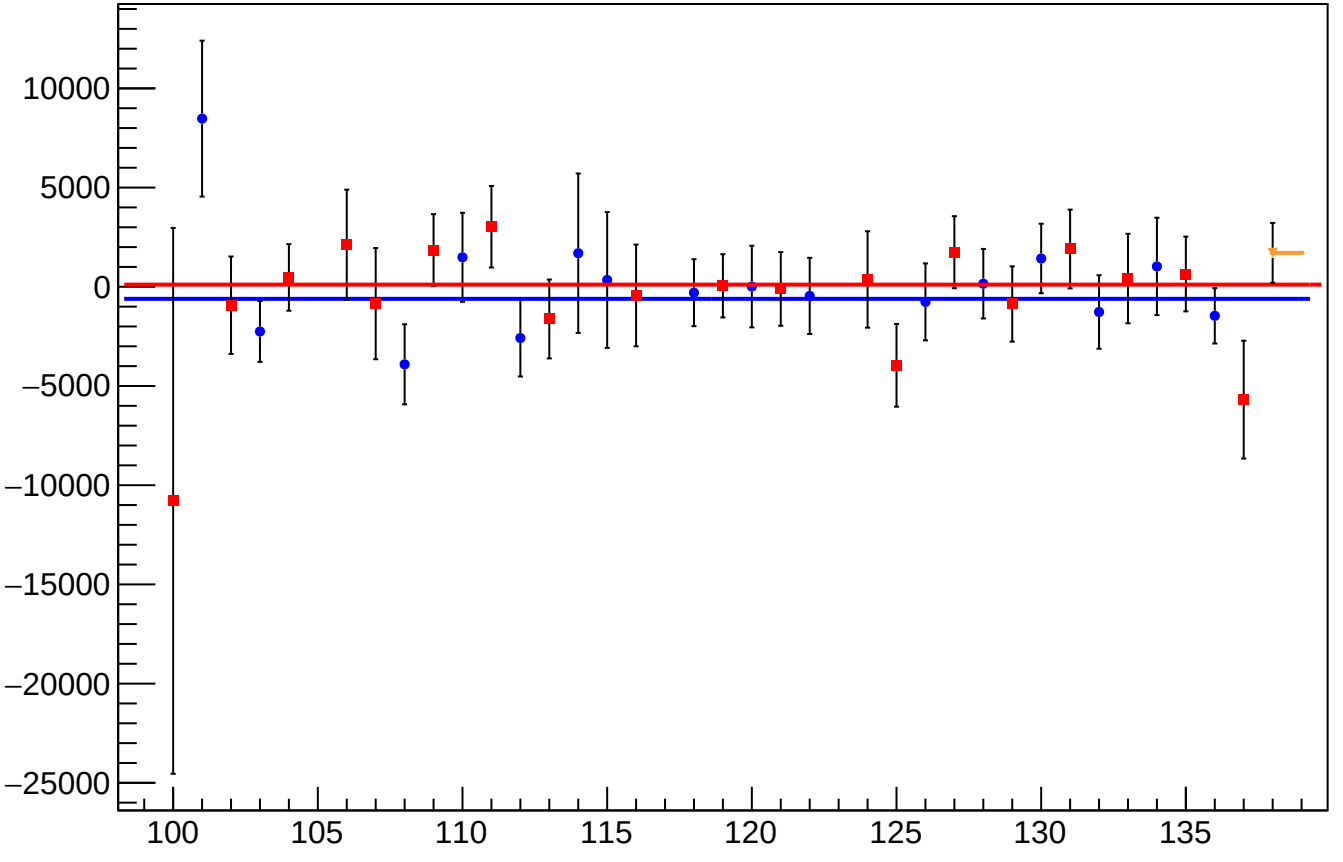
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3549.641+/-0.901 χ^2/NDF: 381775.9/16

All: 3325.620+/-0.613 χ^2/NDF: 1146403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -607.831+/-494.182 χ^2/NDF: 14.1/15

Left Out: 1709.032+/-1509.647 χ^2/NDF:0.0/0

Right Out: 108.614+/-485.552 χ^2/NDF: 14.9/18

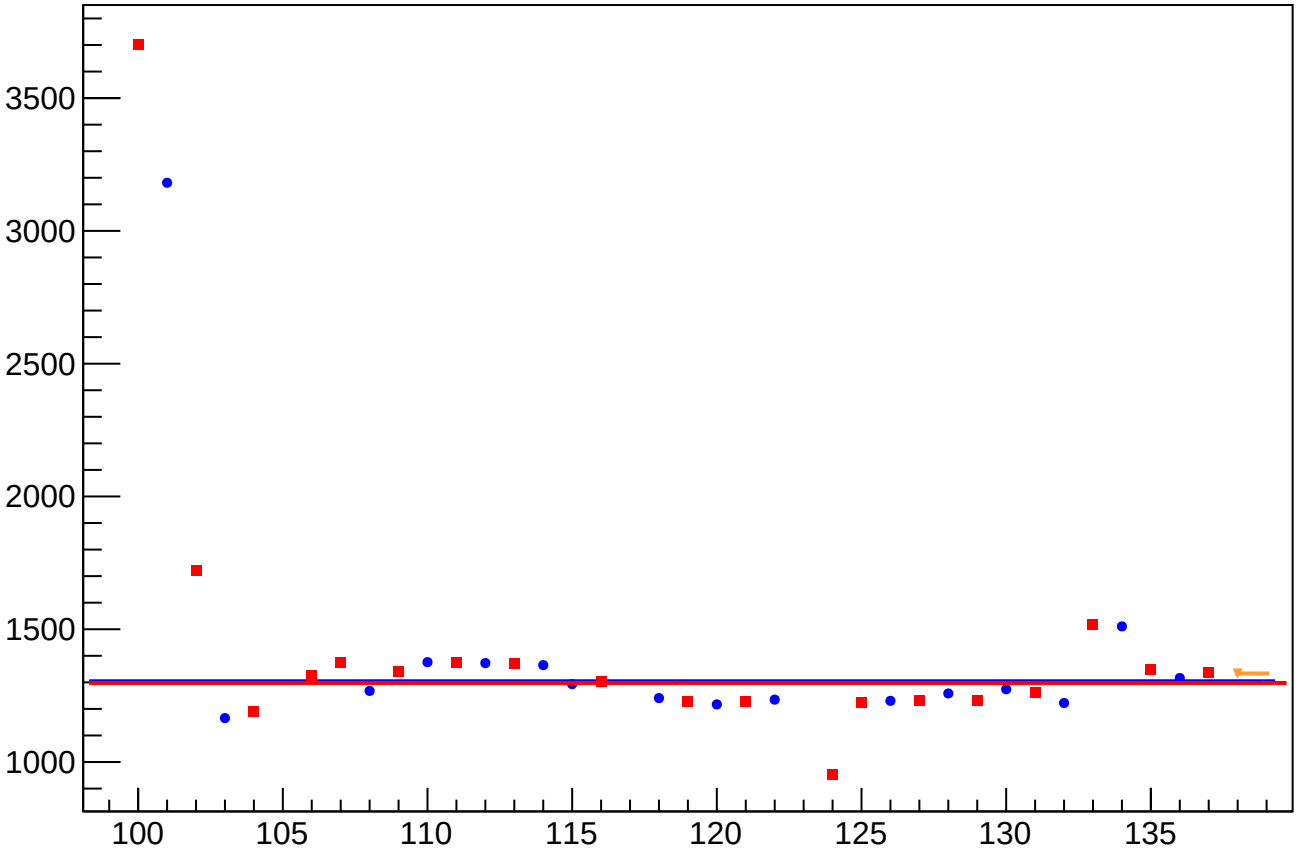
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -383.591+/-469.658 χ^2/NDF: 16.2/16

All: -145.676+/-337.578 χ^2/NDF: 31.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1304.102+/-0.349 χ^2/NDF: 510589.4/15

Left Out: 1333.477+/-1.067 χ^2/NDF:0.0/0

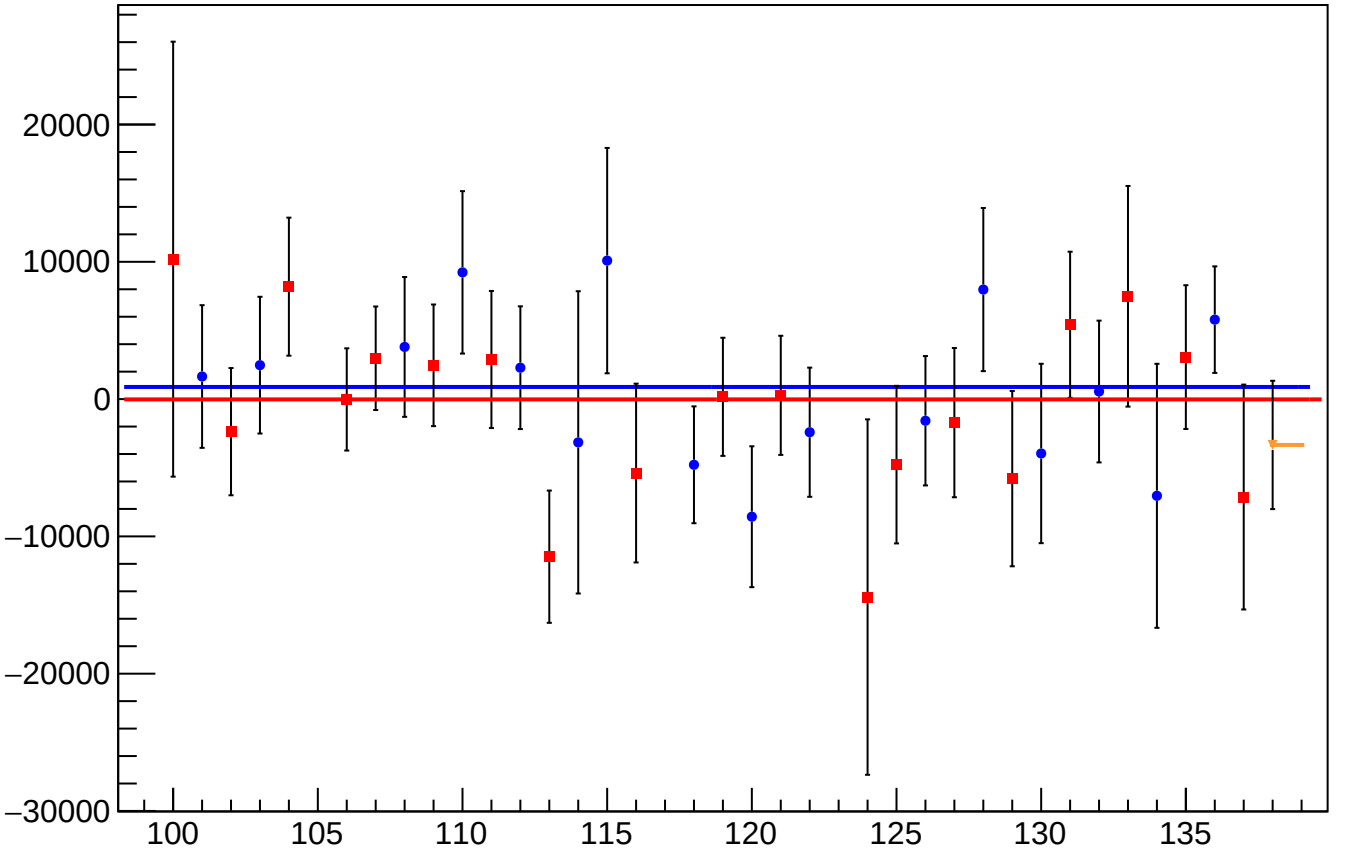
Right Out: 1297.796+/-0.343 χ^2/NDF: 213096.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.945+/-0.332 χ^2/NDF: 511273.3/16

All: 1302.520+/-0.239 χ^2/NDF: 724737.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.058+/-1327.399 χ^2/NDF: 14.1/15

Left Out: -3338.973+/-4673.285 χ^2/NDF:0.0/0

Right Out: -20.681+/-1200.015 χ^2/NDF: 16.8/18

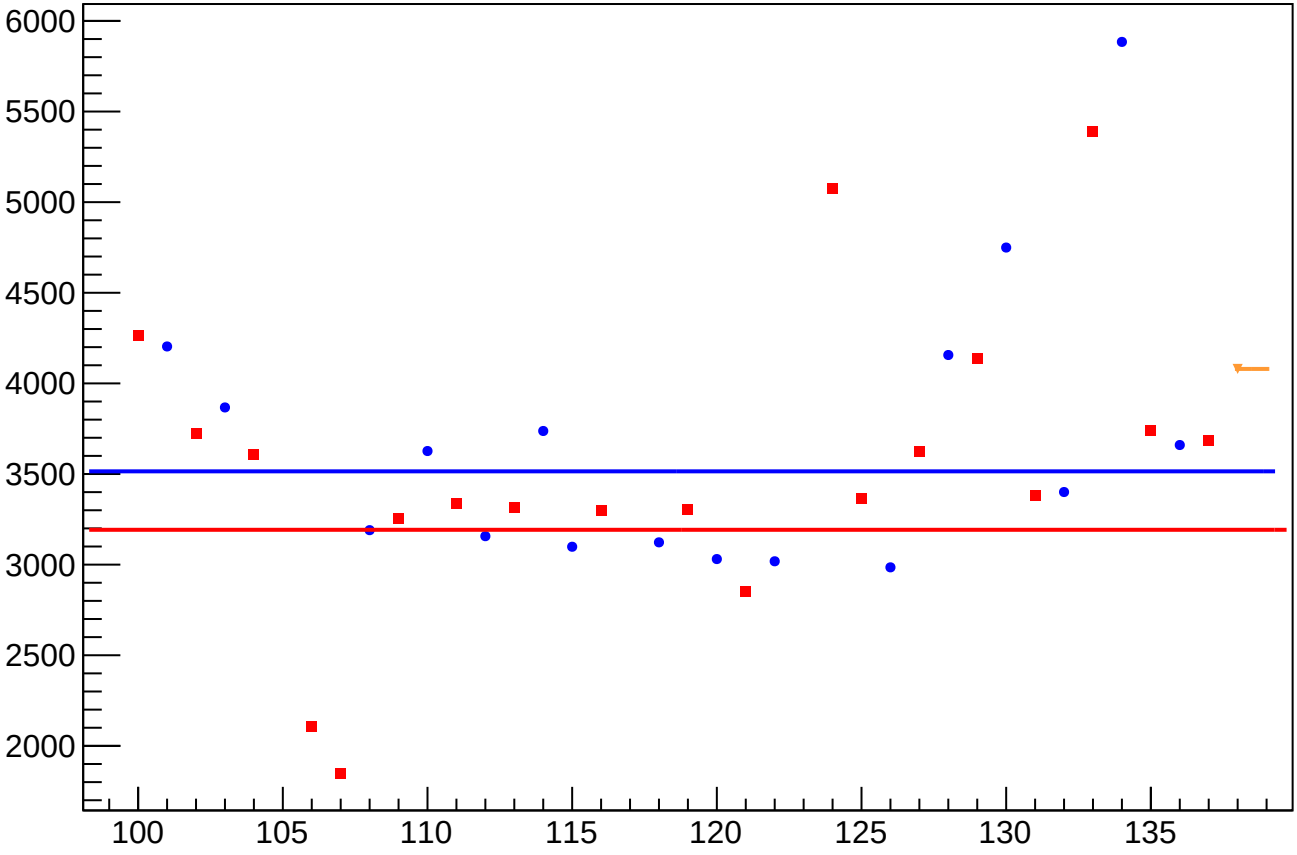
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 568.785+/-1276.889 χ^2/NDF: 14.9/16

All: 255.775+/-874.453 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3514.746+/-0.939 χ^2/NDF: 375078.6/15

Left Out: 4079.841+/-3.305 χ^2/NDF:0.0/0

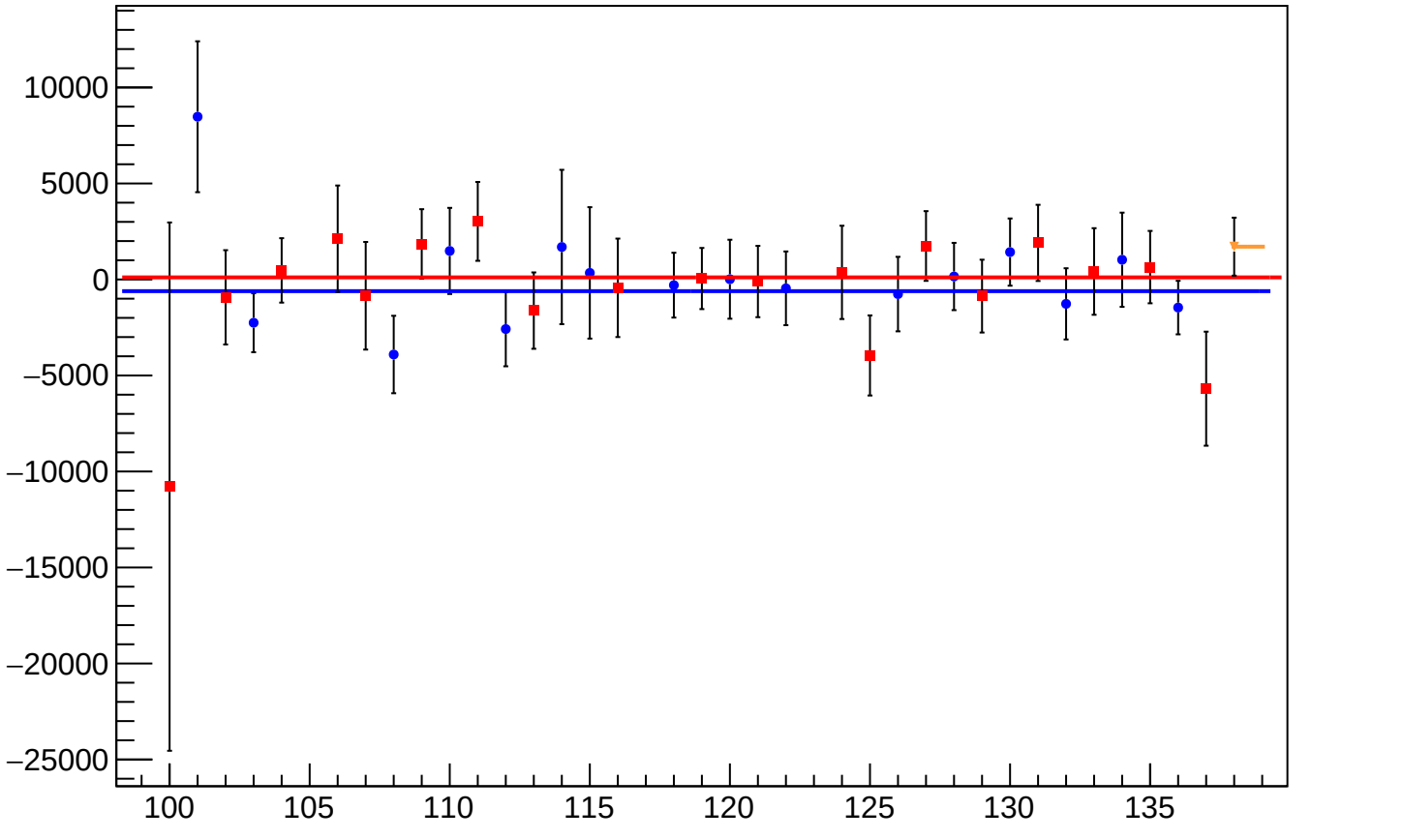
Right Out: 3192.203+/-0.849 χ^2/NDF: 772495.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3556.933+/-0.903 χ^2/NDF: 402138.9/16

All: 3363.259+/-0.618 χ^2/NDF: 1261284.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -607.834+/-494.182 χ^2/NDF: 14.1/15

Left Out: 1709.015+/-1509.647 χ^2/NDF:0.0/0

Right Out: 108.619+/-485.553 χ^2/NDF: 14.9/18

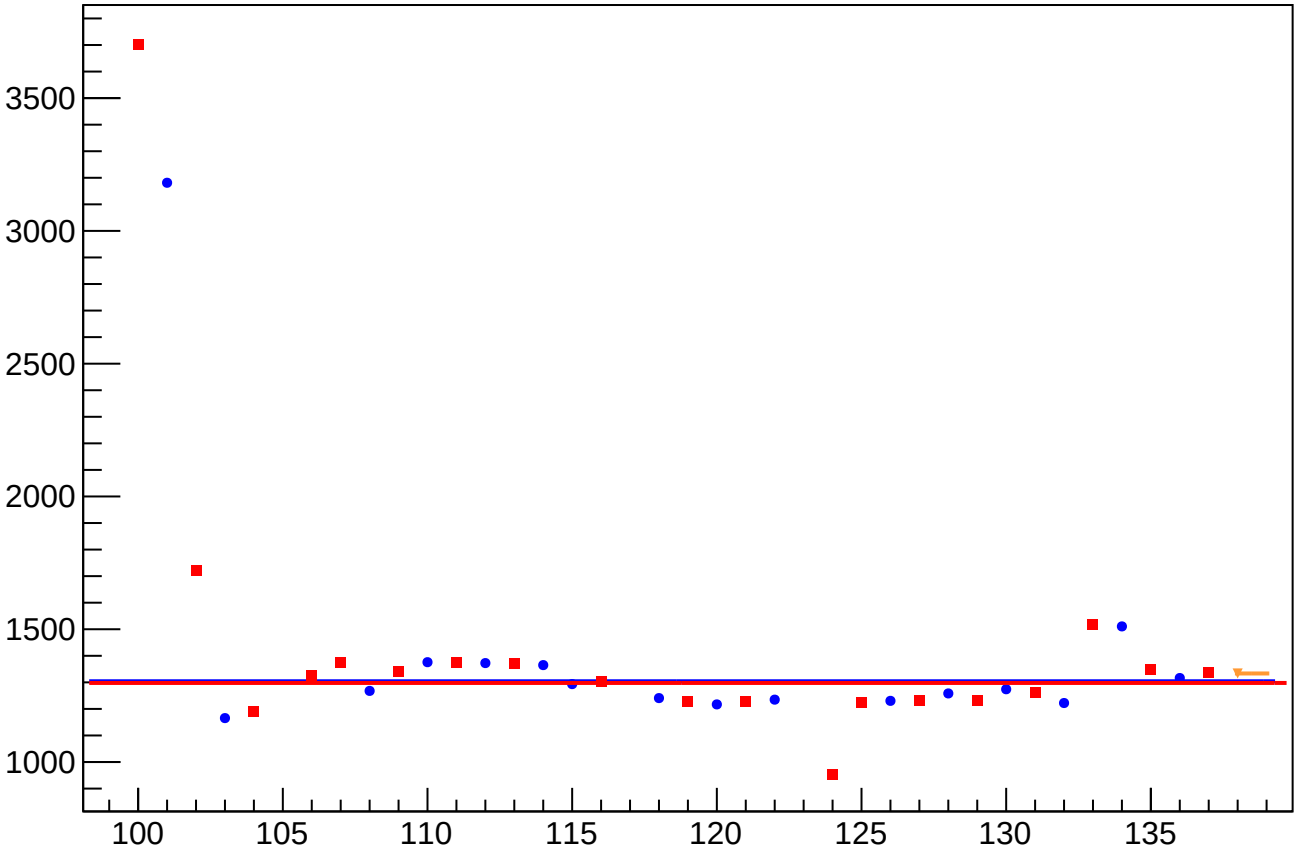
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -383.595+/-469.658 χ^2/NDF: 16.2/16

All: -145.676+/-337.578 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1304.102+/-0.349 χ^2/NDF: 510589.6/15

Left Out: 1333.477+/-1.067 χ^2/NDF:0.0/0

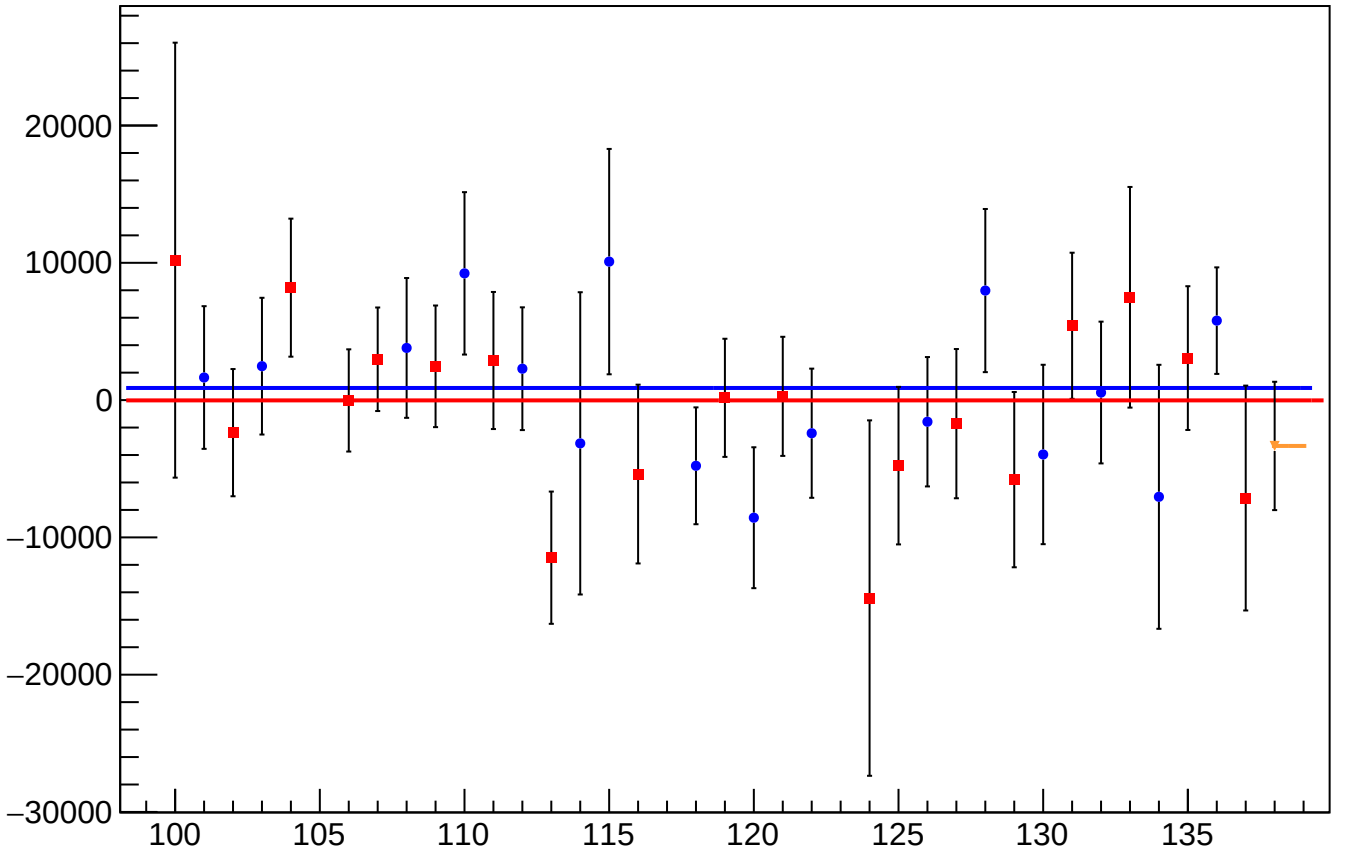
Right Out: 1297.796+/-0.343 χ^2/NDF: 213097.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.945+/-0.332 χ^2/NDF: 511273.5/16

All: 1302.520+/-0.239 χ^2/NDF: 724737.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.047+/-1327.396 χ^2/NDF: 14.1/15

Left Out: -3338.986+/-4673.298 χ^2/NDF:0.0/0

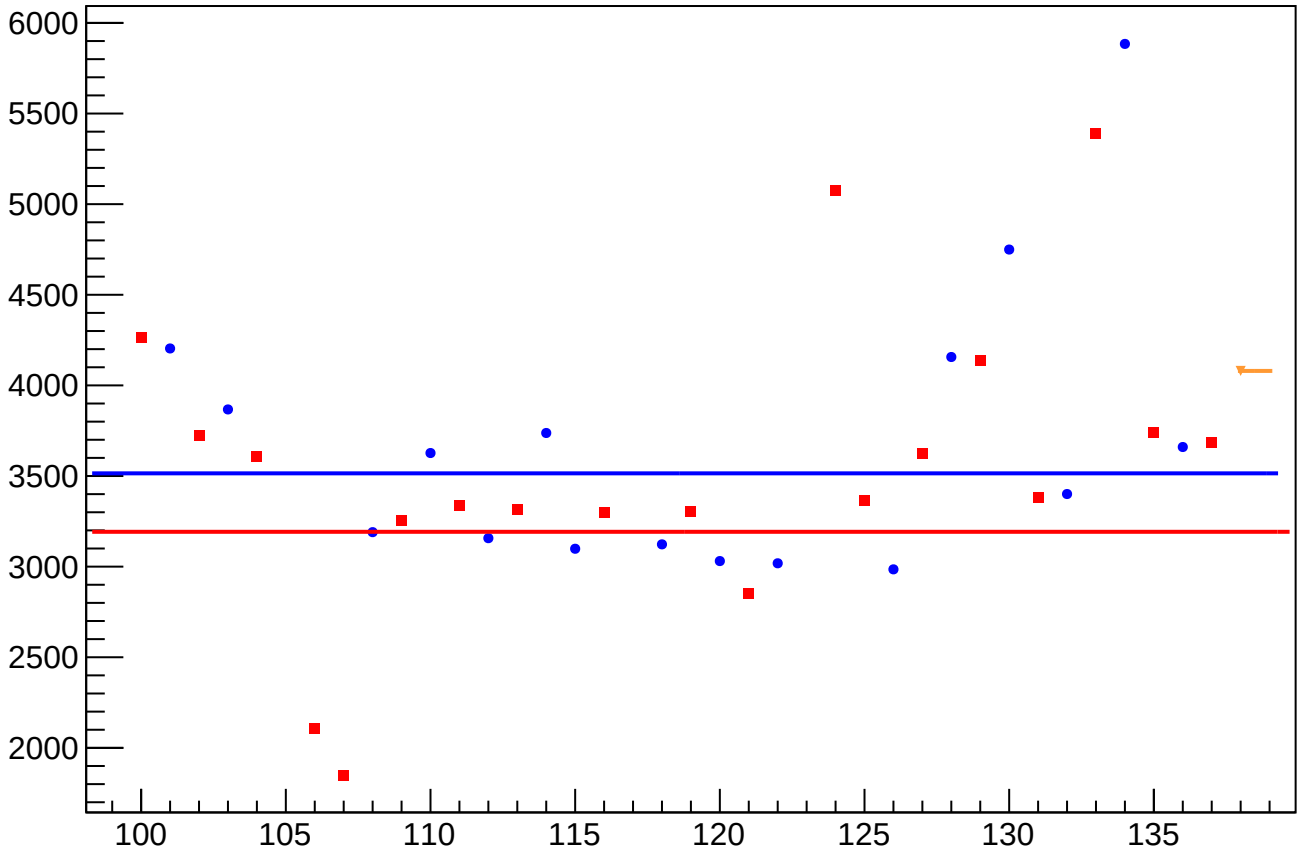
Right Out: -20.677+/-1200.012 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 568.778+/-1276.886 χ^2/NDF: 14.9/16

All: 255.773+/-874.451 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3514.737+/-0.939 χ^2/NDF: 375082.8/15

Left Out: 4079.852+/-3.305 χ^2/NDF:0.0/0

Right Out: 3192.196+/-0.849 χ^2/NDF: 772497.9/18

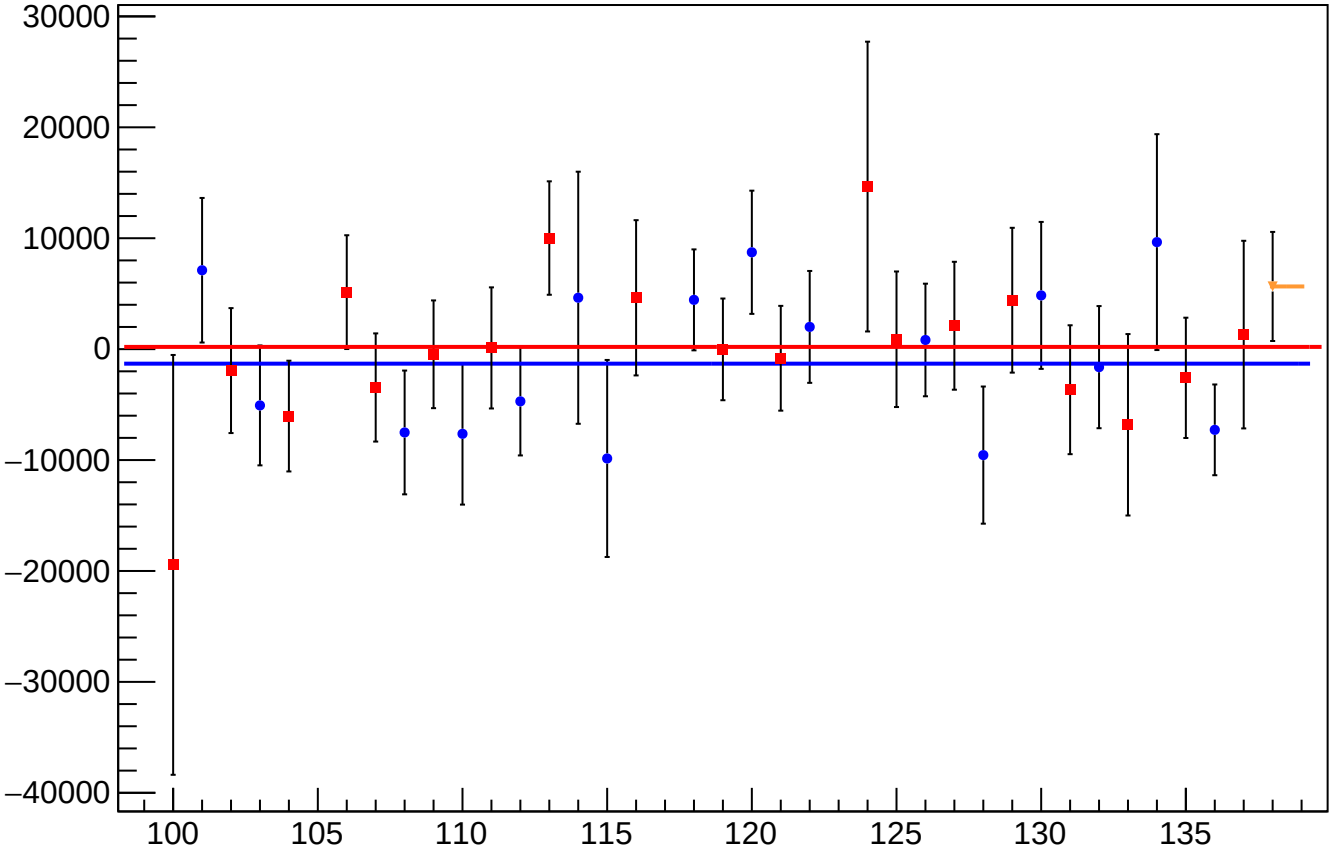
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3556.925+/-0.903 χ^2/NDF: 402144.9/16

All: 3363.251+/-0.618 χ^2/NDF: 1261292.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1309.349+/-1431.624 χ^2/NDF: 17.6/15

Left Out: 5651.648+/-4917.753 χ^2/NDF:0.0/0

Right Out: 201.593+/-1336.062 χ^2/NDF: 11.6/18

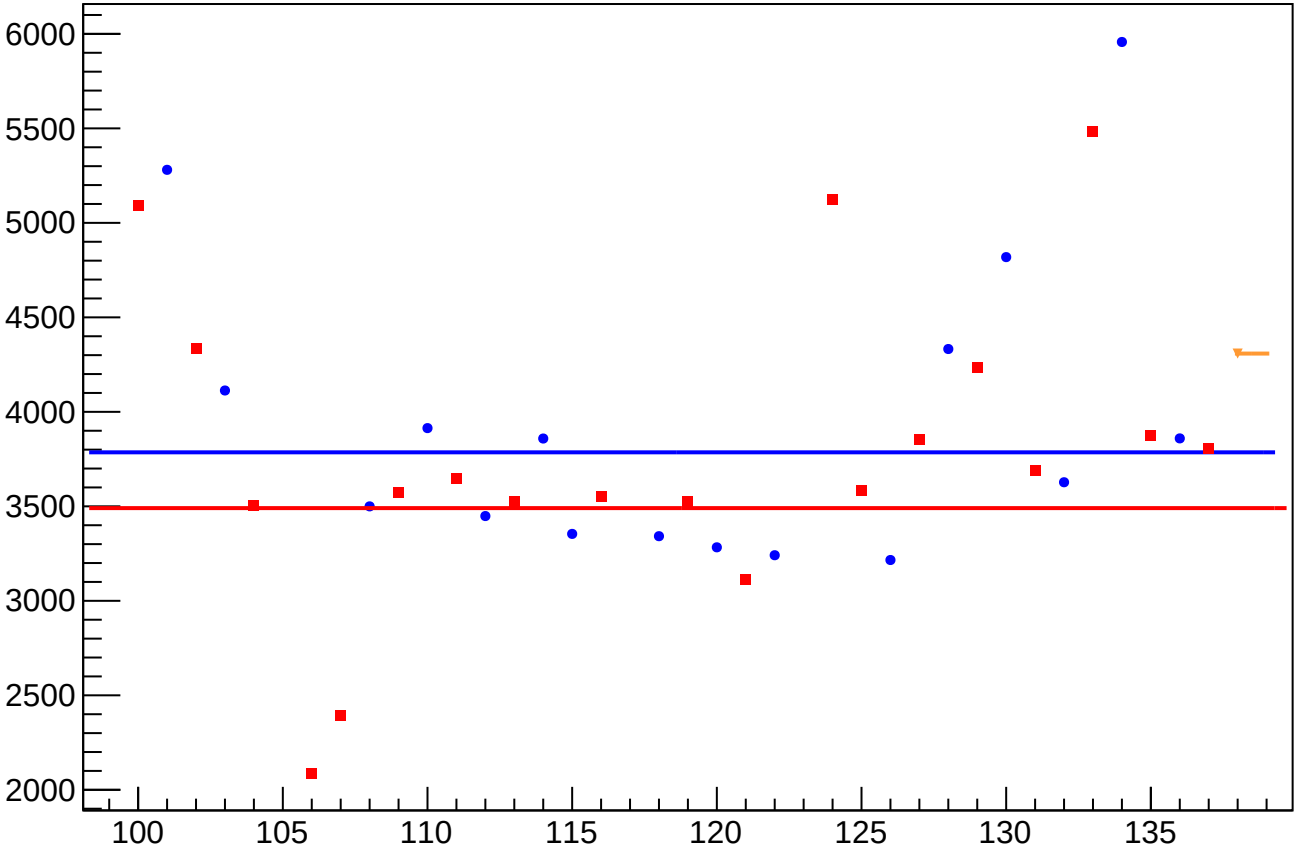
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -765.514+/-1374.563 χ^2/NDF: 19.4/16

All: -268.227+/-958.061 χ^2/NDF: 31.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3785.774+/-1.012 χ^2/NDF: 382992.9/15

Left Out: 4308.373+/-3.477 χ^2/NDF:0.0/0

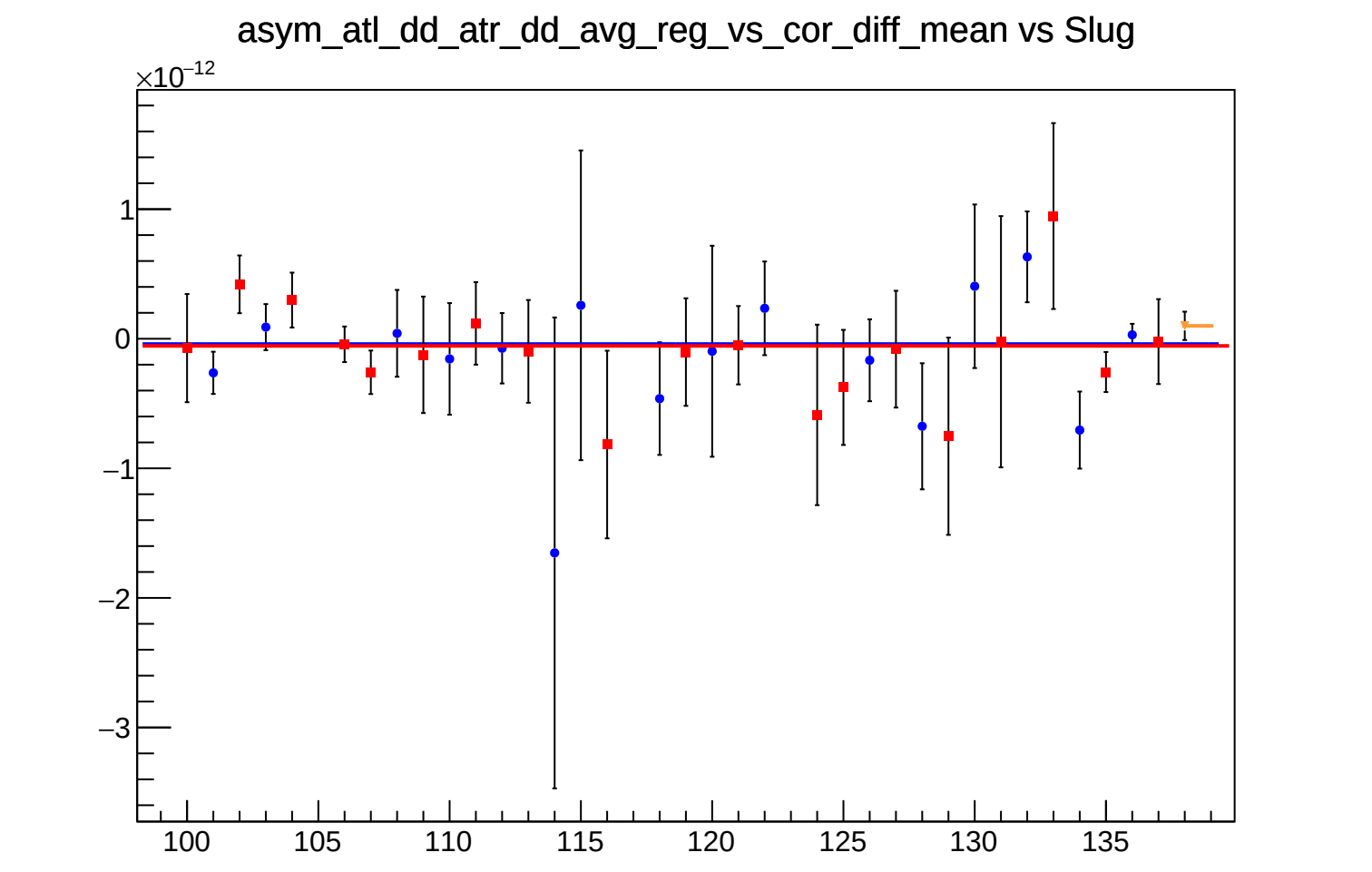
Right Out: 3490.614+/-0.932 χ^2/NDF: 586715.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3826.602+/-0.972 χ^2/NDF: 403814.1/16

All: 3651.535+/-0.673 χ^2/NDF: 1052793.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

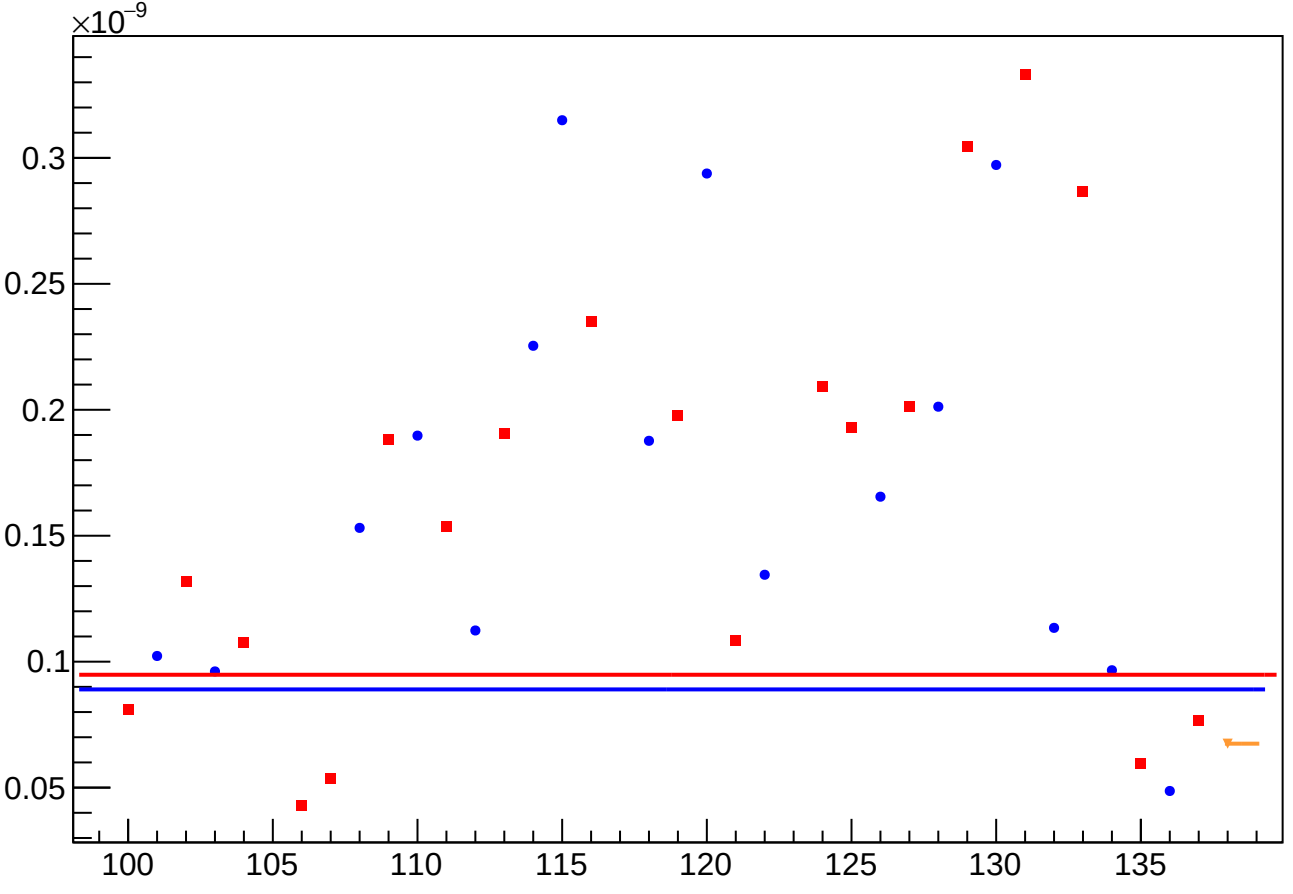
Right Out: -0.000+/-0.000 χ^2/NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.9/16

All: -0.000+/-0.000 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1460718.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

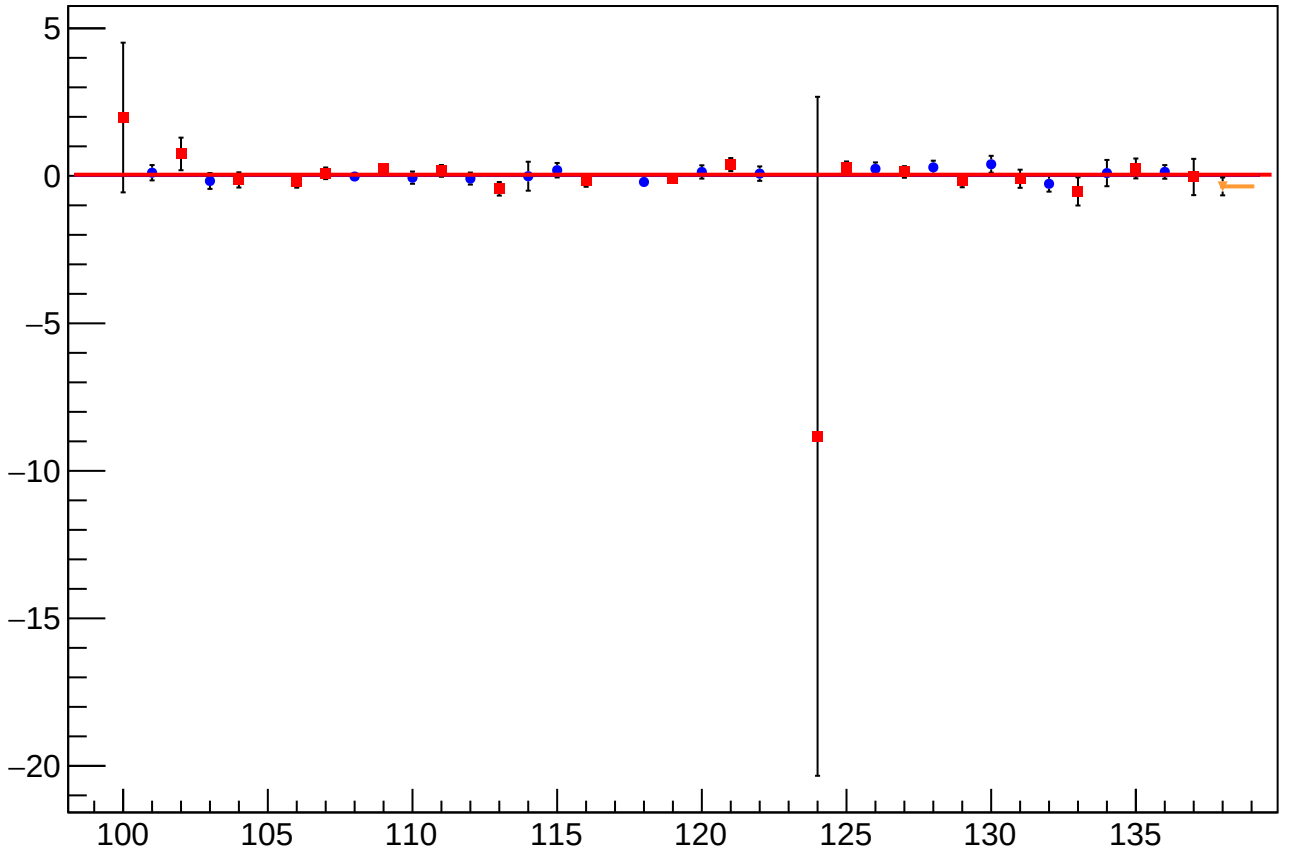
Right Out: 0.000+/-0.000 χ^2/NDF: 1734601.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1520741.4/16

All: 0.000+/-0.000 χ^2/NDF: 3288873.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

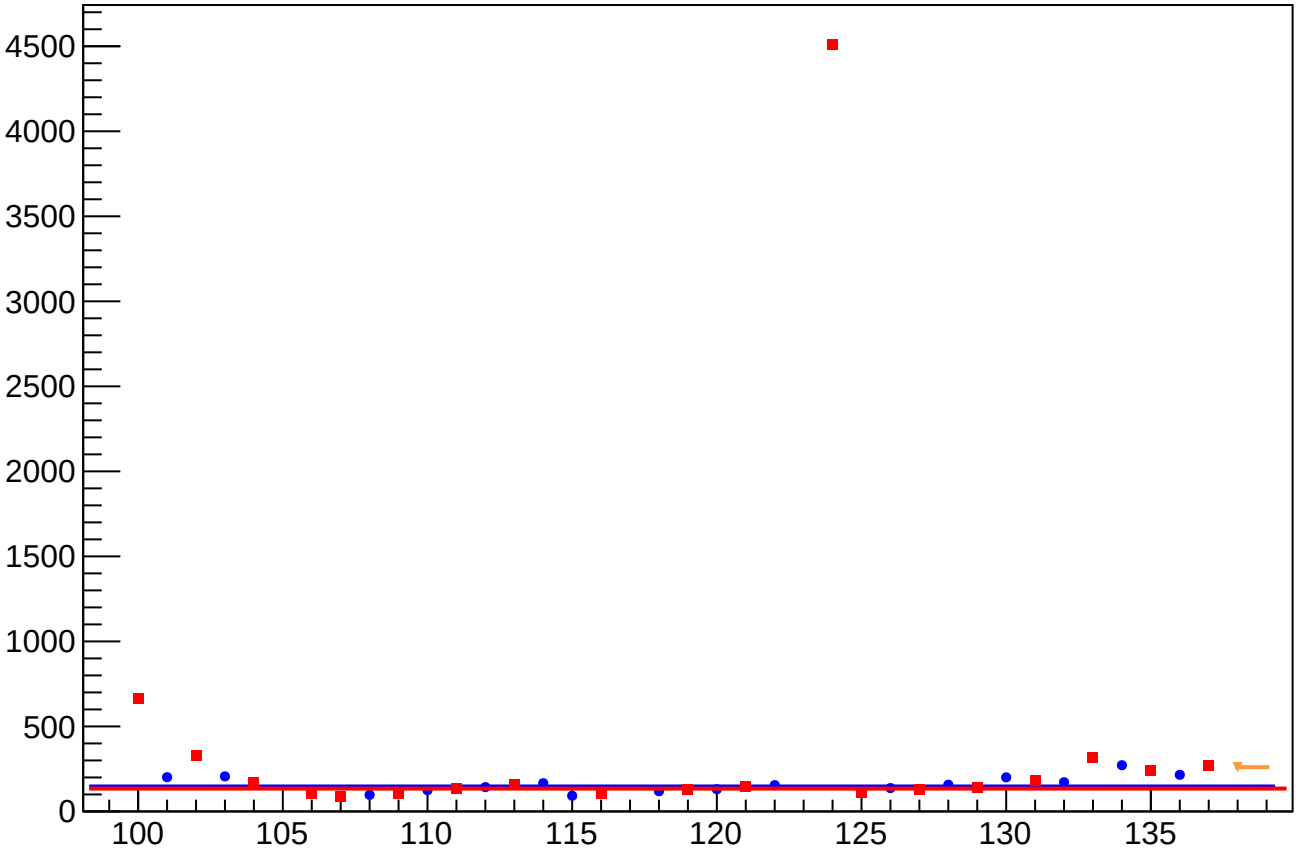
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 146.829+/-0.041 χ^2/NDF: 998704.7/15

Left Out: 260.467+/-0.214 χ^2/NDF:0.0/0

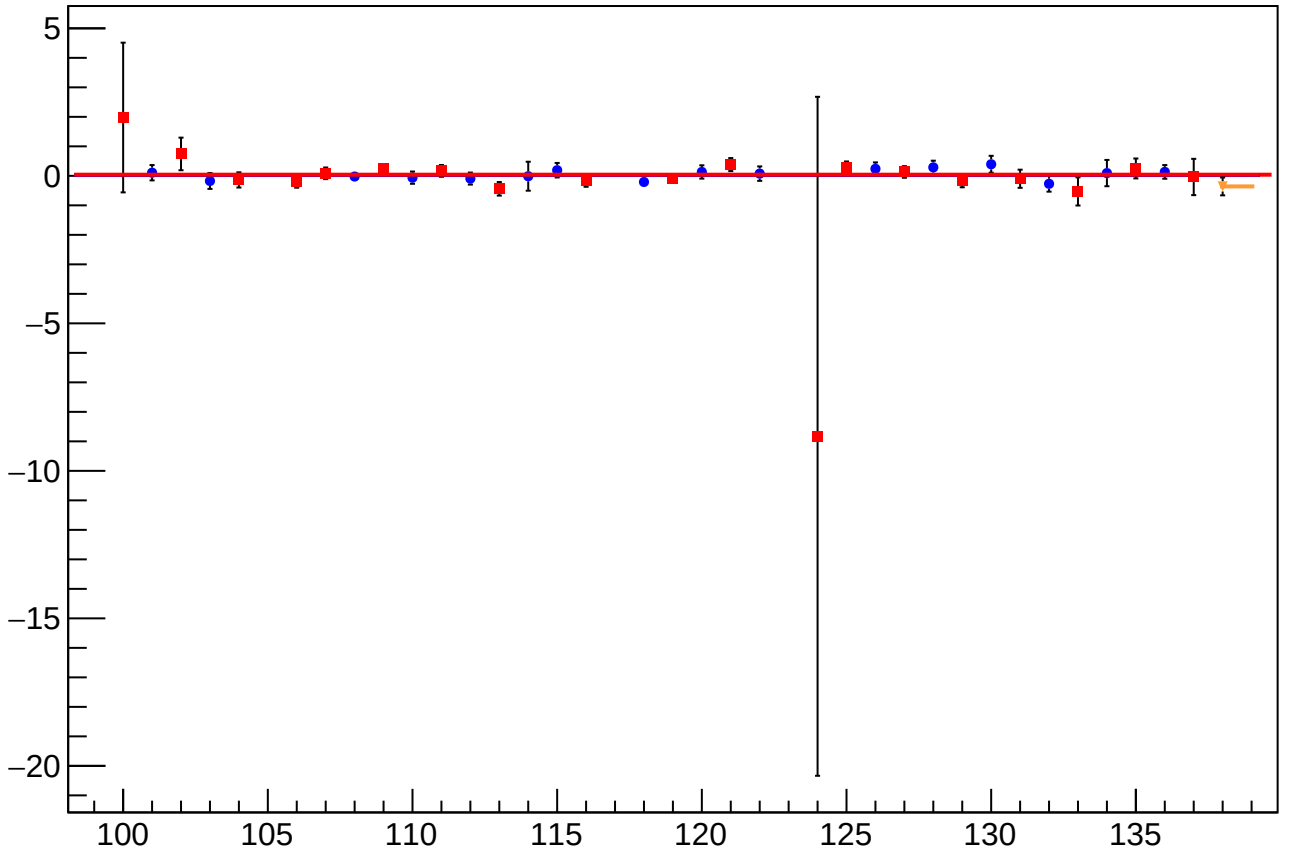
Right Out: 134.505+/-0.039 χ^2/NDF: 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1271026.4/16

All: 142.383+/-0.028 χ^2/NDF: 2963081.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

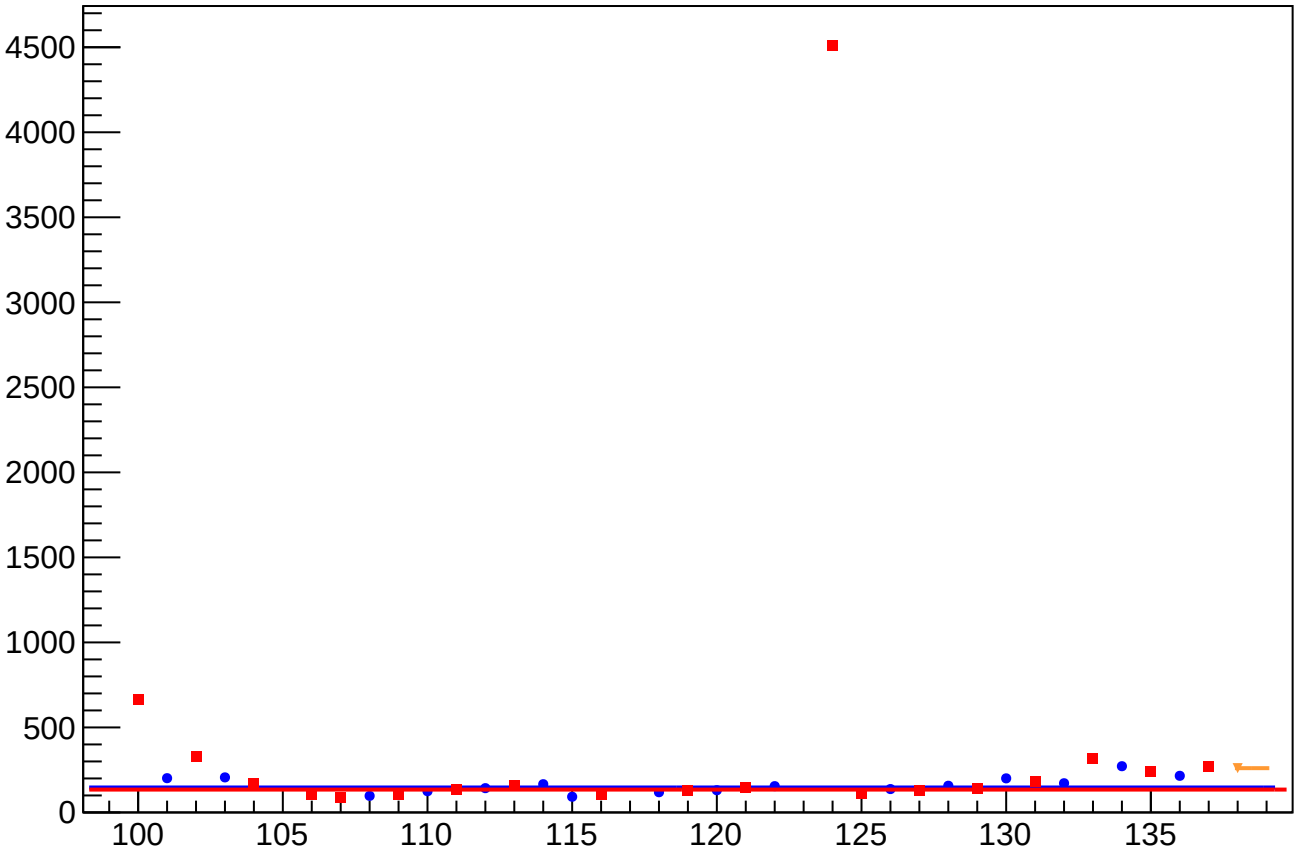
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998704.7/15

Left Out: 260.467+/-0.214 χ^2/NDF:0.0/0

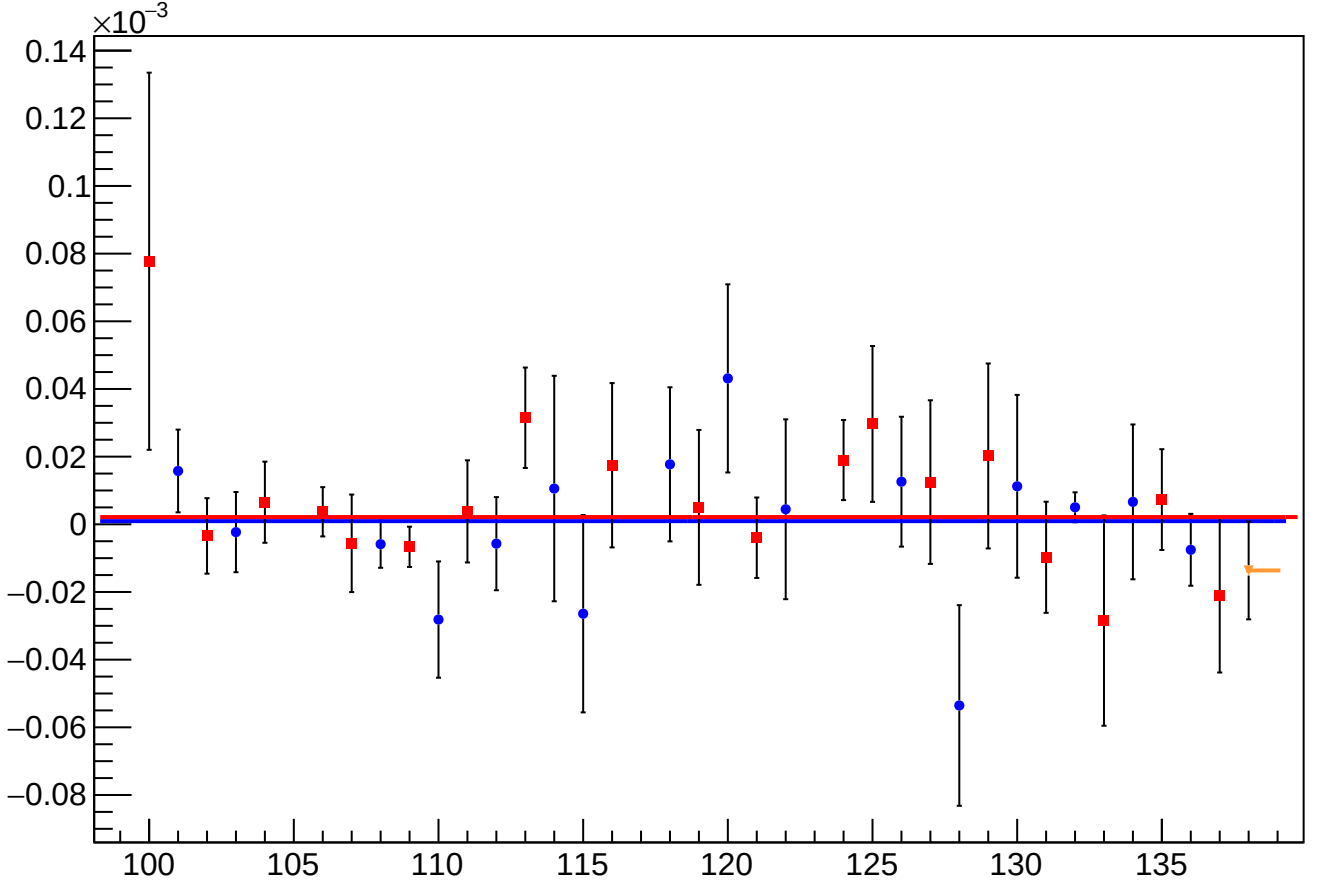
Right Out: 134.505+/-0.039 χ^2/NDF: 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1271026.4/16

All: 142.383+/-0.028 χ^2/NDF: 2963081.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

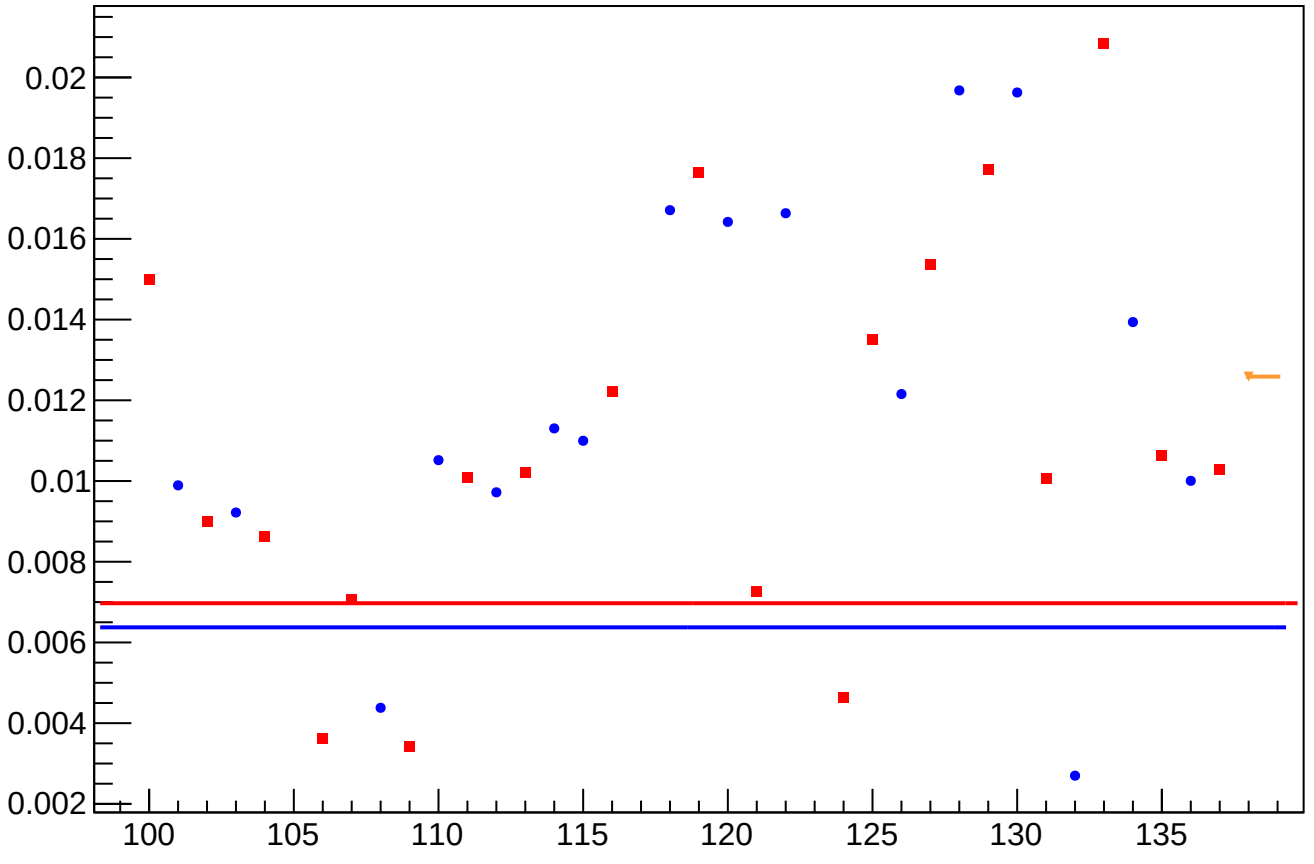
Right Out: 0.000+/-0.000 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.8/16

All: 0.000+/-0.000 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.000 χ^2/NDF: 4639775.7/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

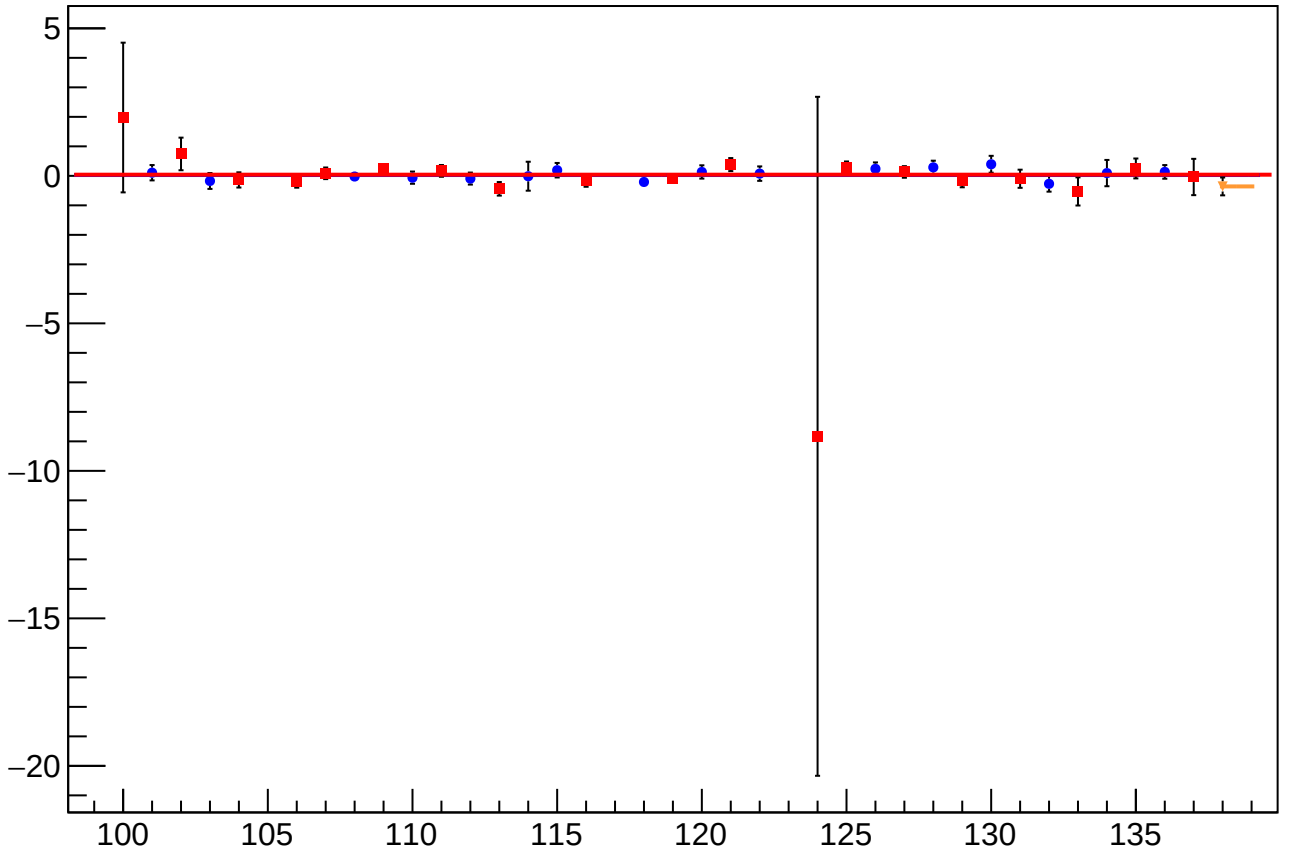
Right Out: 0.007+/-0.000 χ^2/NDF: 3409939.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 4994862.2/16

All: 0.007+/-0.000 χ^2/NDF: 8419167.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

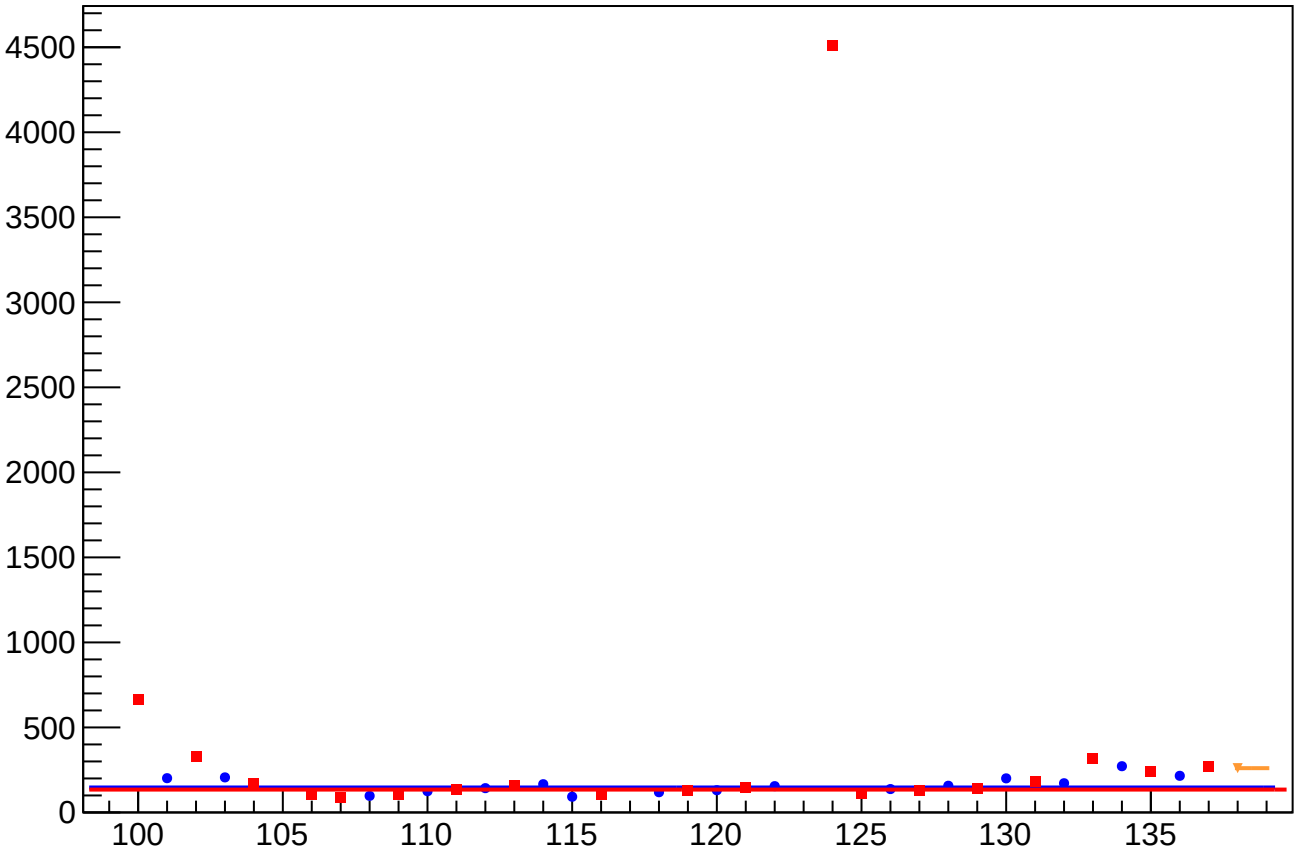
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998646.8/15

Left Out: 260.470+/-0.214 χ^2/NDF:0.0/0

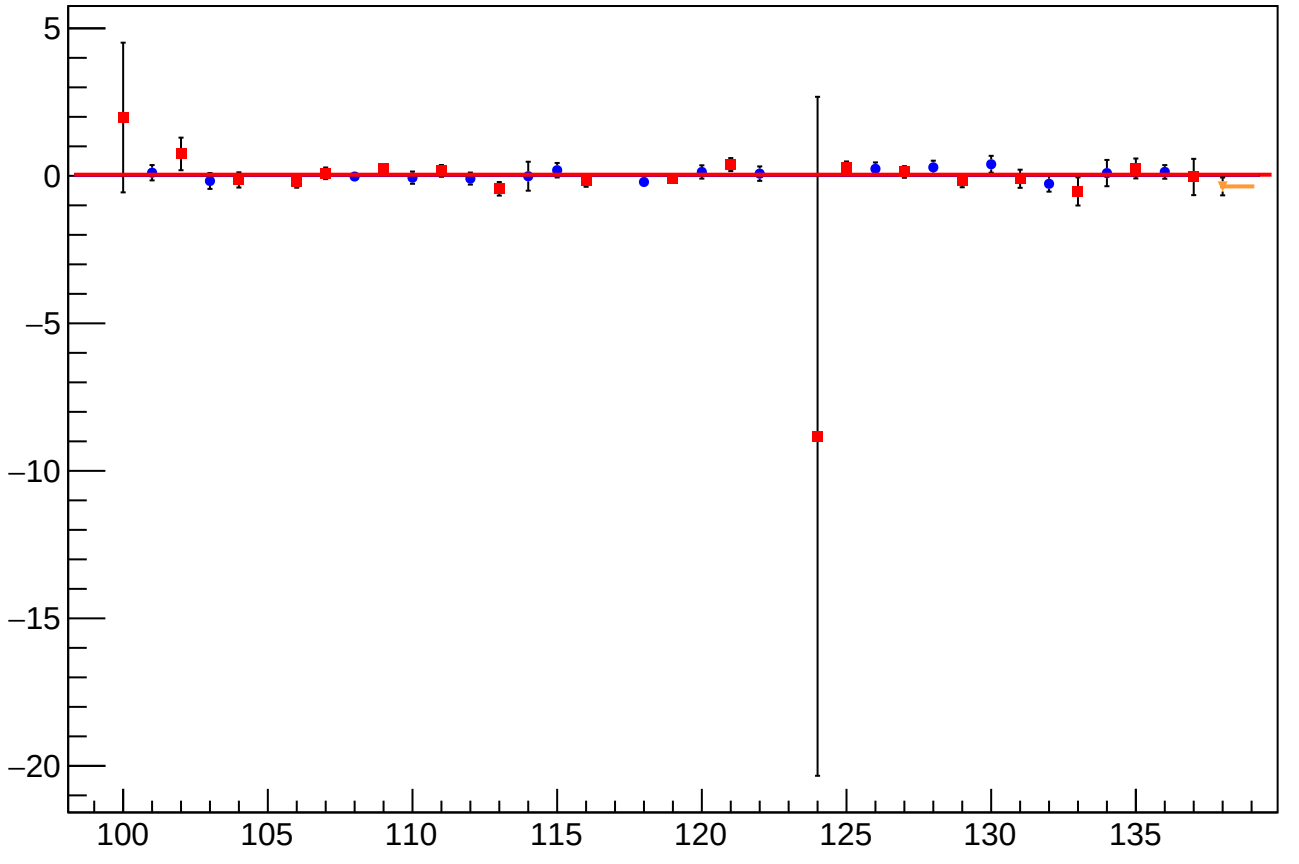
Right Out: 134.506+/-0.039 χ^2/NDF: 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1270979.4/16

All: 142.384+/-0.028 χ^2/NDF: 2962947.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

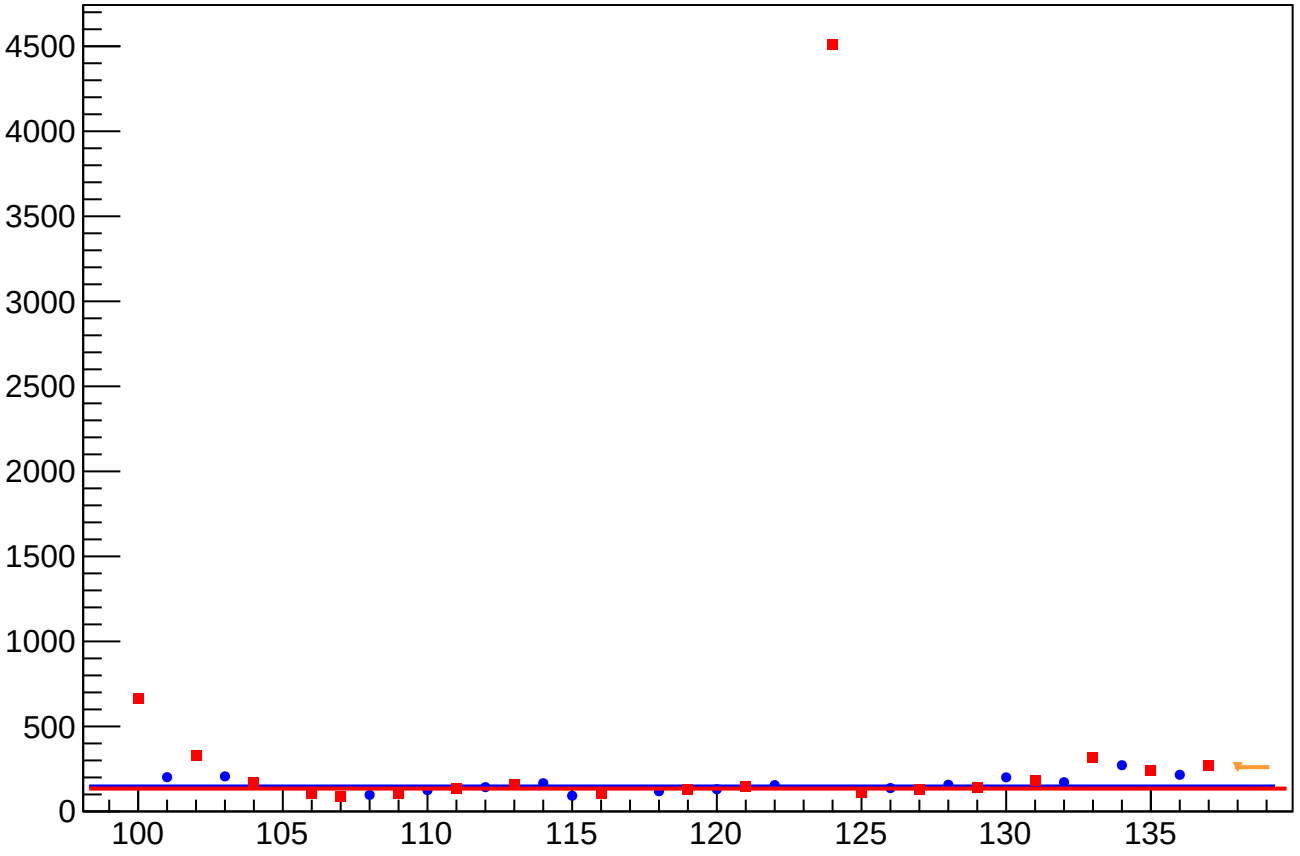
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 146.829+/-0.041 χ^2/NDF: 998646.8/15

Left Out: 260.470+/-0.214 χ^2/NDF:0.0/0

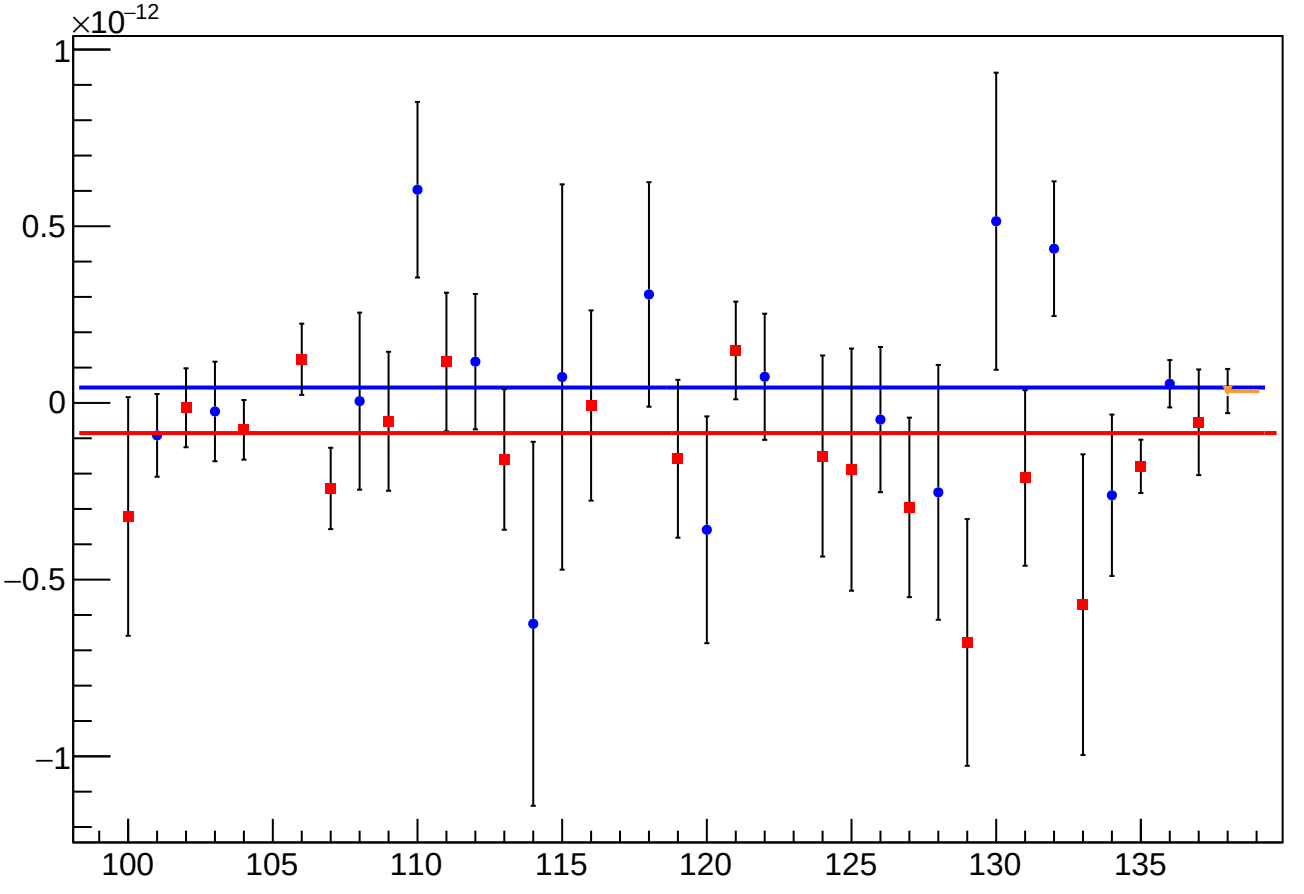
Right Out: 134.506+/-0.039 χ^2/NDF: 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1270979.4/16

All: 142.384+/-0.028 χ^2/NDF: 2962947.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

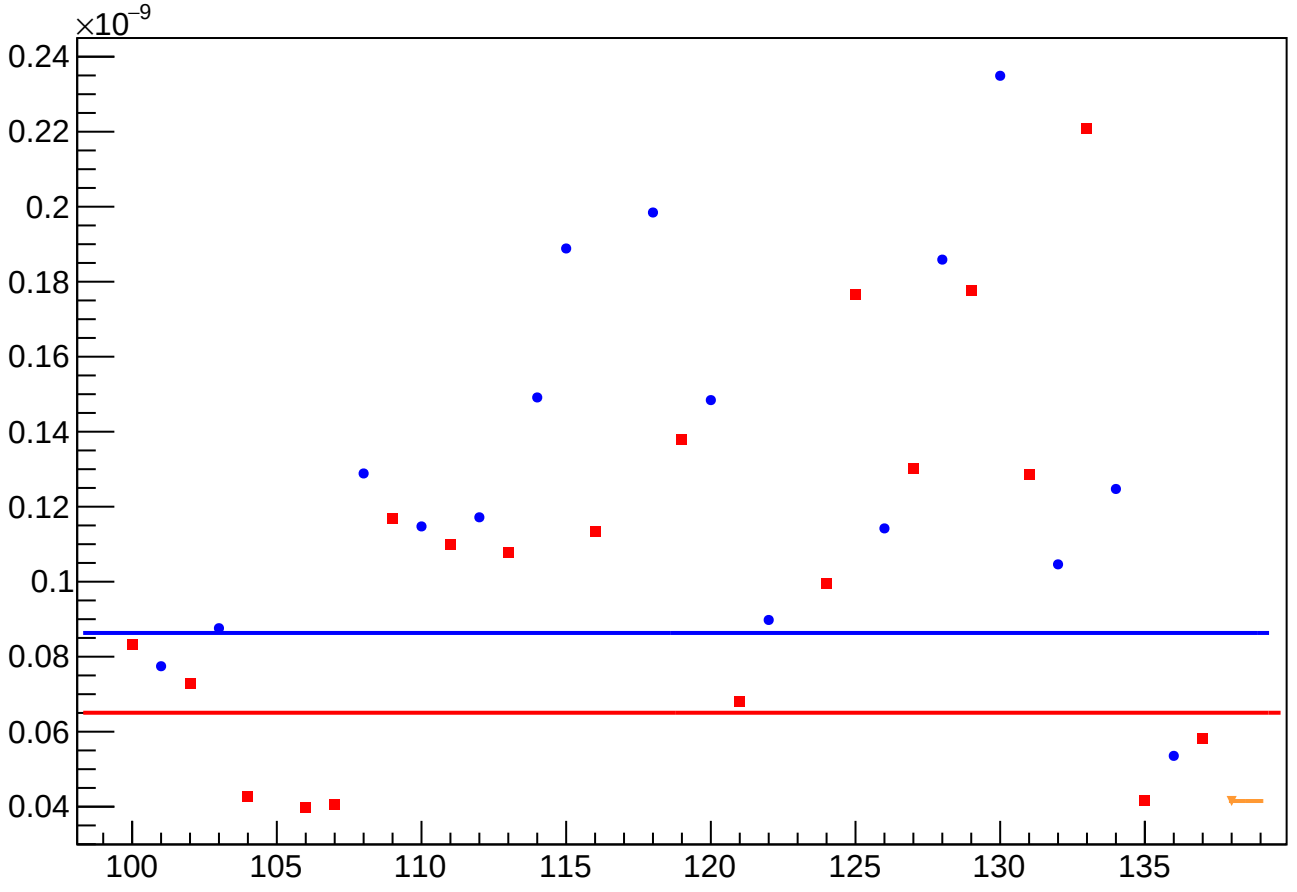
Right Out: -0.000+/-0.000 χ^2/NDF: 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 19.0/16

All: -0.000+/-0.000 χ^2/NDF: 43.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1565662.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2158861.4/18

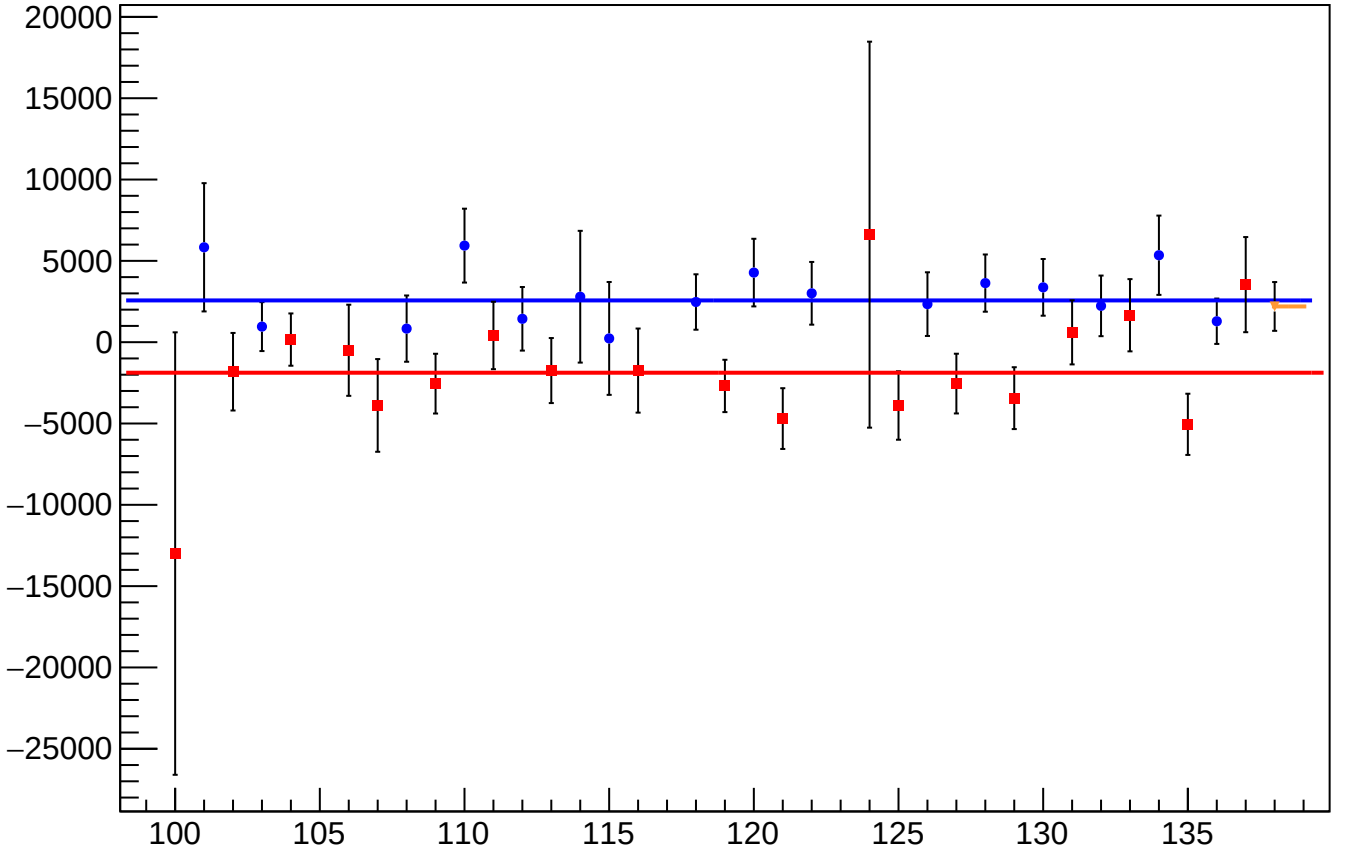
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2265748.3/16

All: 0.000+/-0.000 χ^2/NDF: 4465296.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2567.460+/-495.364 χ^2/NDF: 9.0/15

Left Out: 2197.327+/-1499.867 χ^2/NDF:0.0/0

Right Out: -1878.030+/-494.719 χ^2/NDF: 19.5/18

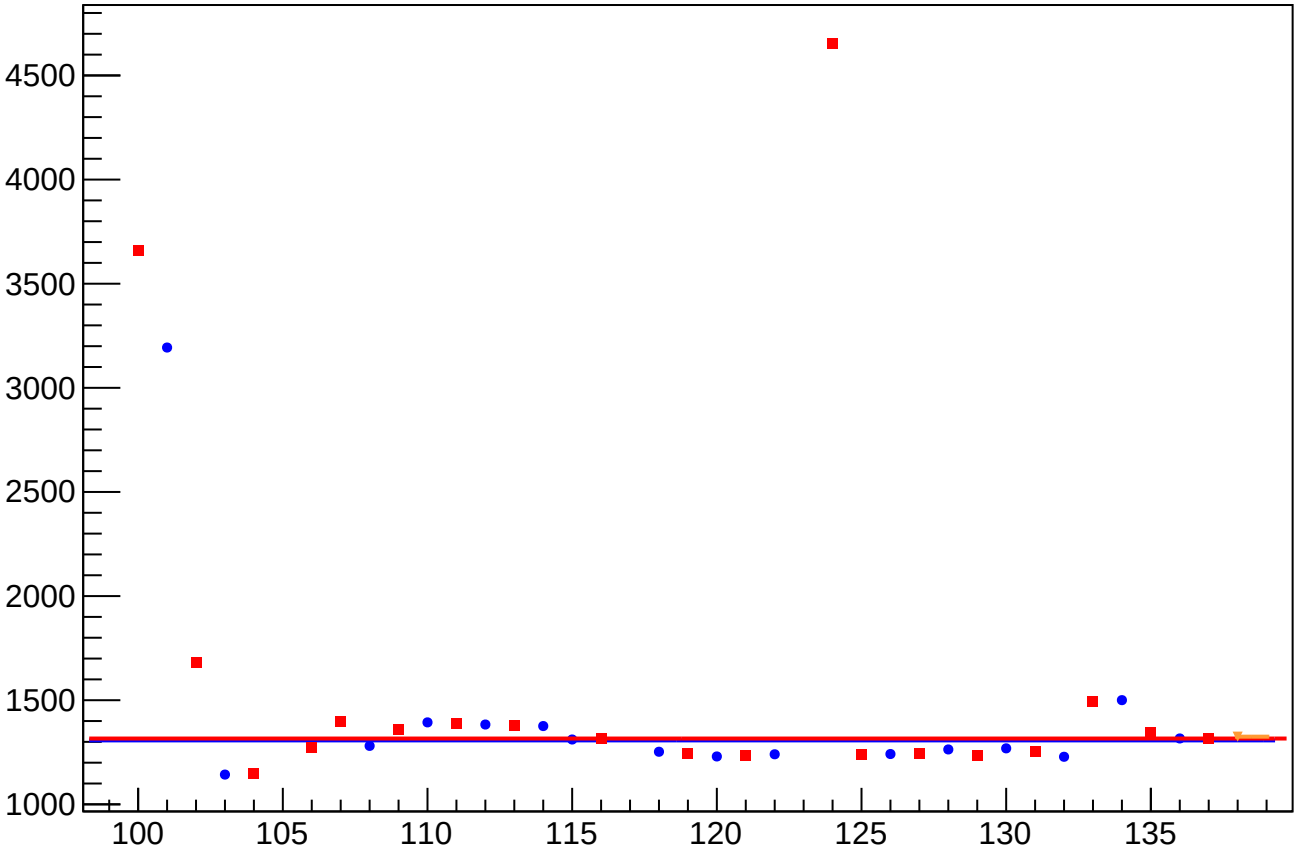
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2531.057+/-470.374 χ^2/NDF: 9.1/16

All: 437.666+/-340.886 χ^2/NDF: 70.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1307.068+/-0.350 χ^2/NDF: 516249.0/15

Left Out: 1324.967+/-1.061 χ^2/NDF:0.0/0

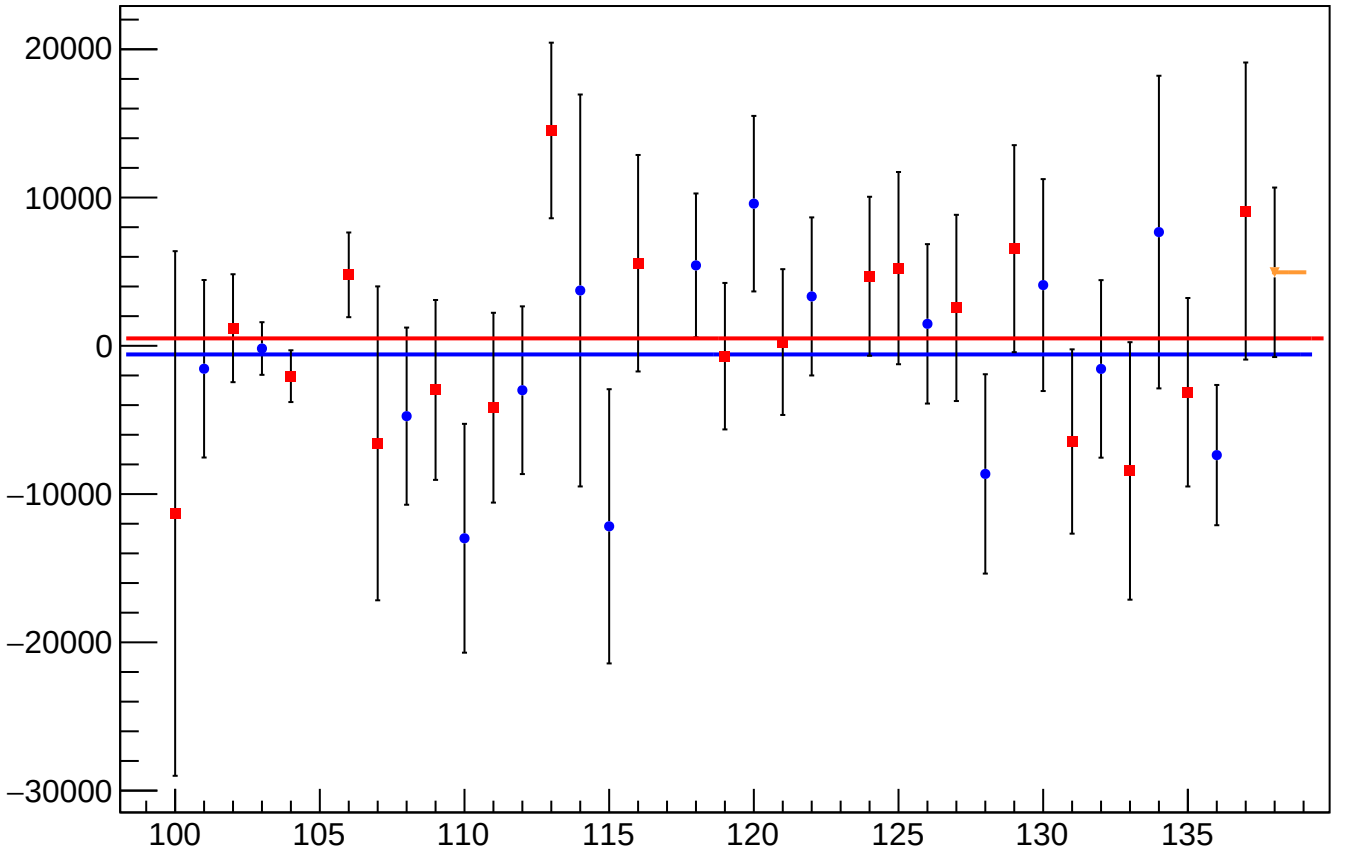
Right Out: 1315.999+/-0.349 χ^2/NDF: 326420.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1308.829+/-0.333 χ^2/NDF: 516505.9/16

All: 1312.243+/-0.241 χ^2/NDF: 843147.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -581.790+/-1192.862 χ^2/NDF: 14.7/15

Left Out: 4957.945+/-5715.912 χ^2/NDF:0.0/0

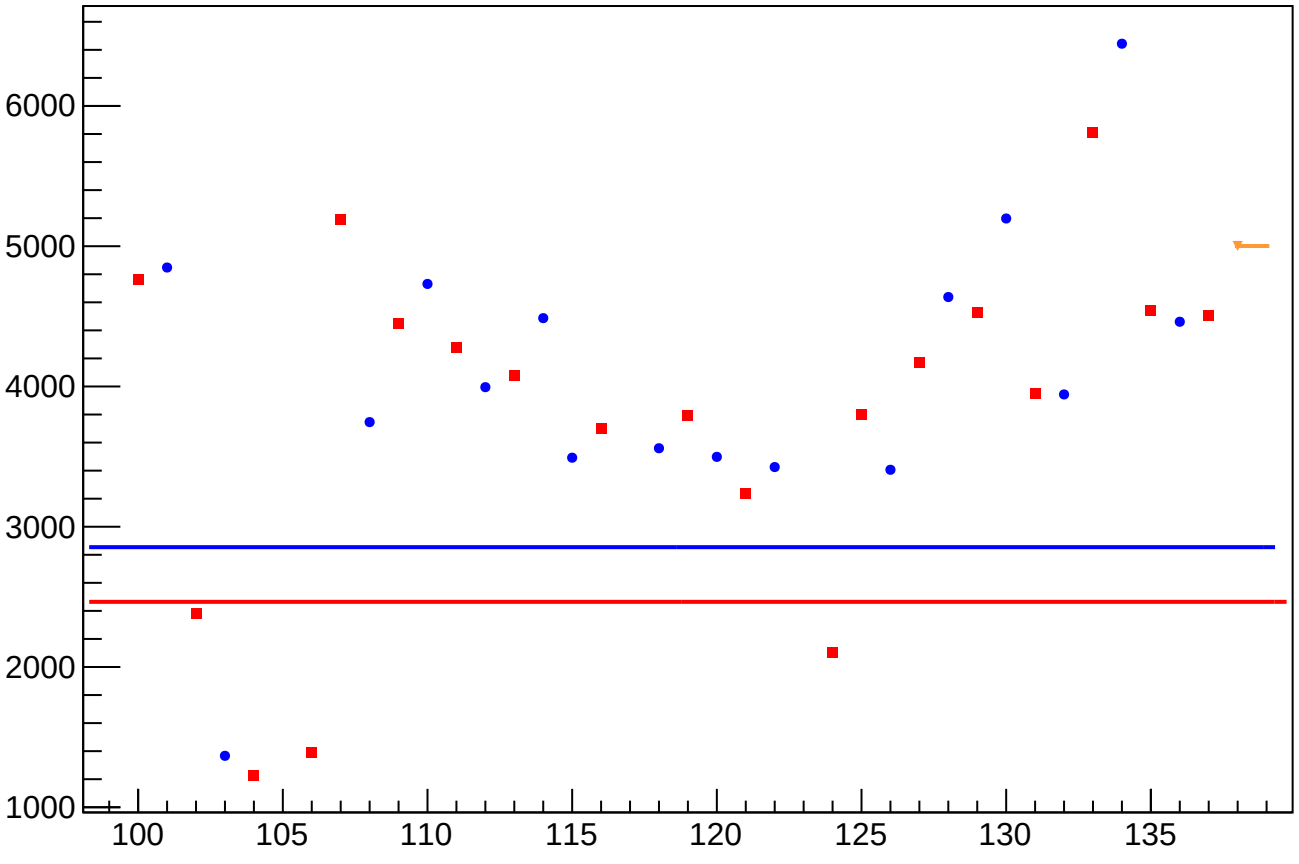
Right Out: 500.098+/-1055.434 χ^2/NDF: 17.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -350.592+/-1167.705 χ^2/NDF: 15.6/16

All: 117.605+/-782.996 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2854.300+/-0.843 χ^2/NDF: 2904822.2/15

Left Out: 5001.600+/-4.042 χ^2/NDF:0.0/0

Right Out: 2464.593+/-0.746 χ^2/NDF: 3355947.0/18

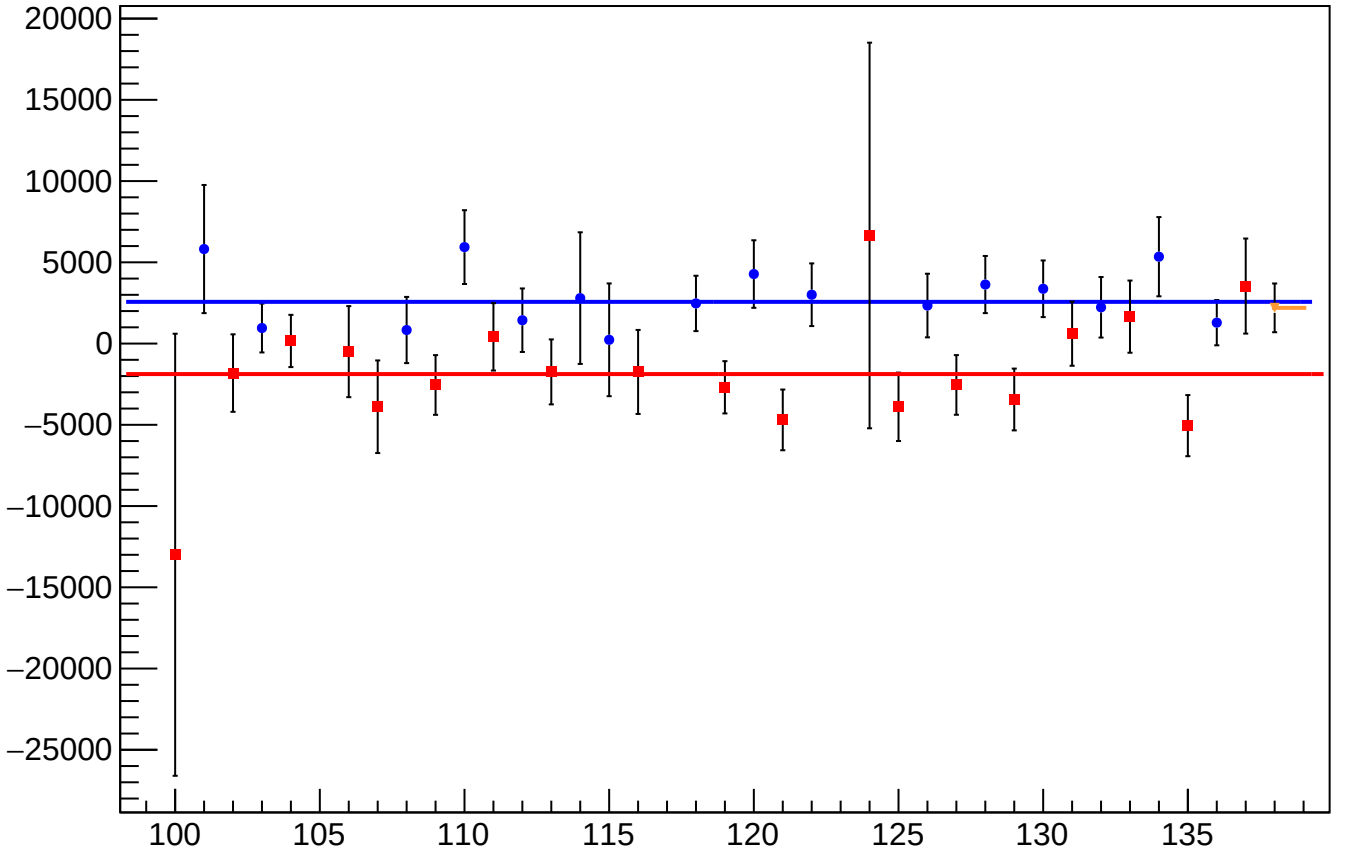
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2943.916+/-0.826 χ^2/NDF: 3175299.2/16

All: 2680.110+/-0.554 χ^2/NDF: 6716717.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2567.180+/-495.364 χ^2/NDF: 9.0/15

Left Out: 2197.424+/-1499.867 χ^2/NDF:0.0/0

Right Out: -1877.774+/-494.719 χ^2/NDF: 19.5/18

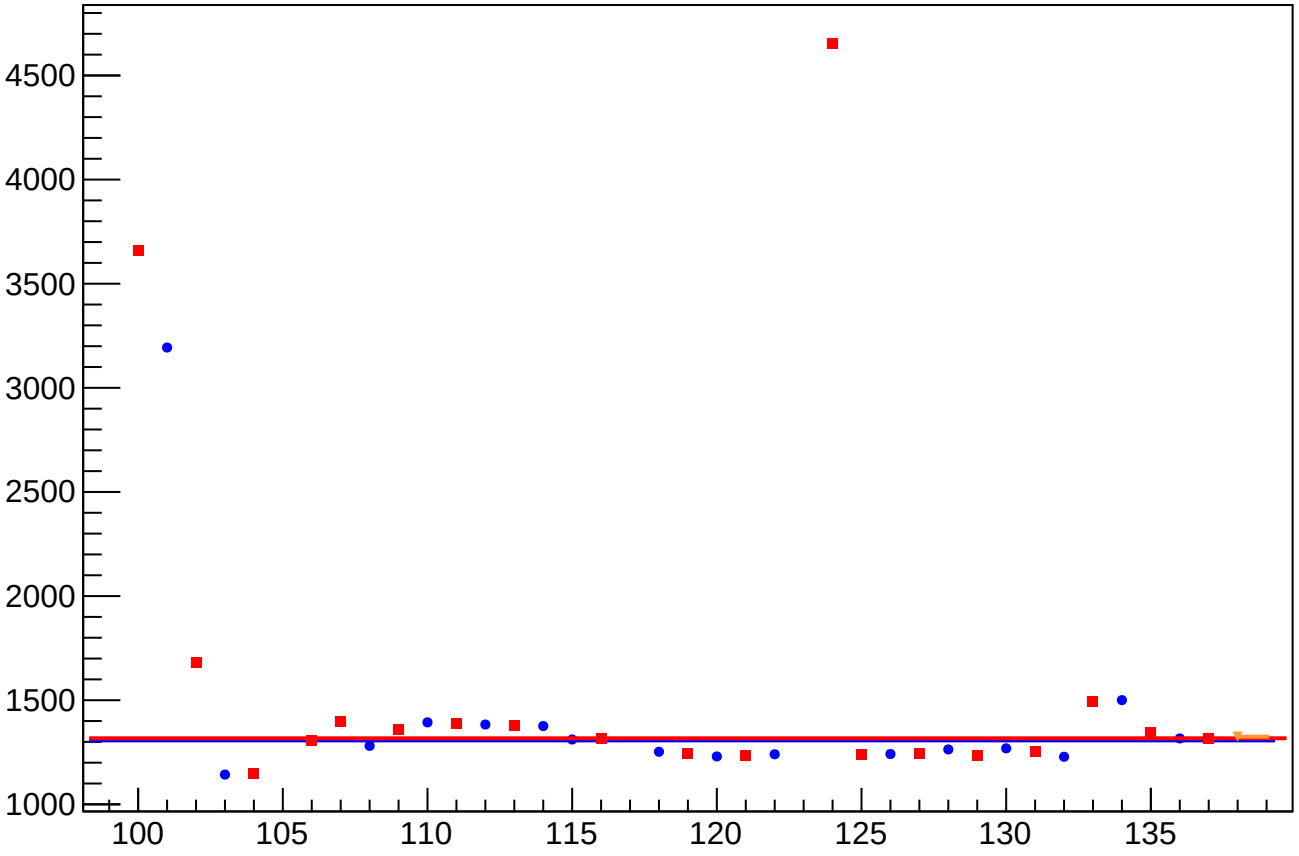
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2530.814+/-470.374 χ^2/NDF: 9.1/16

All: 437.660+/-340.886 χ^2/NDF: 70.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1307.068+/-0.350 χ^2/NDF: 516250.6/15

Left Out: 1324.967+/-1.061 χ^2/NDF:0.0/0

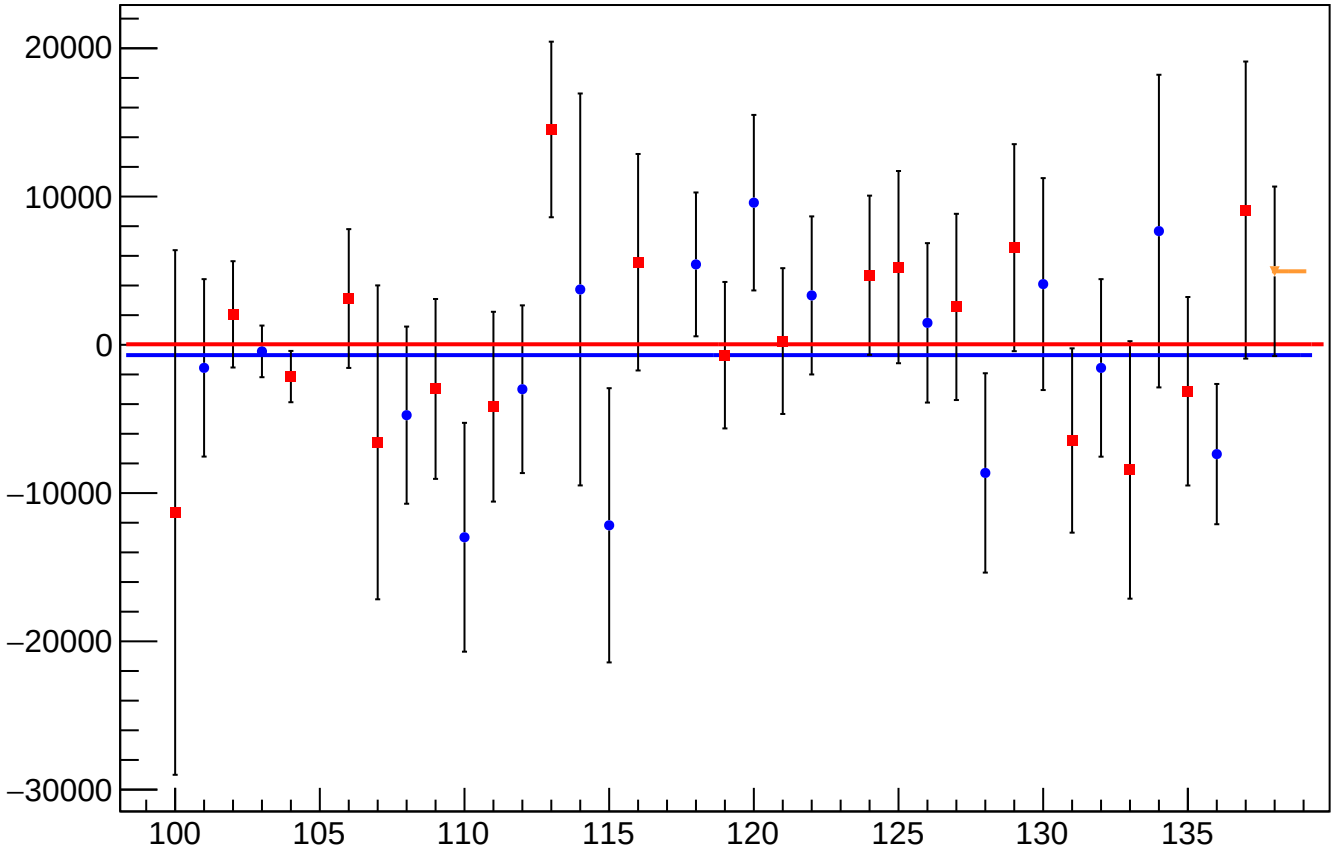
Right Out: 1317.128+/-0.349 χ^2/NDF: 325926.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1308.828+/-0.333 χ^2/NDF: 516507.4/16

All: 1312.777+/-0.241 χ^2/NDF: 842730.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -695.249+/-1182.433 χ^2/NDF: 14.7/15

Left Out: 4958.047+/-5715.909 χ^2/NDF:0.0/0

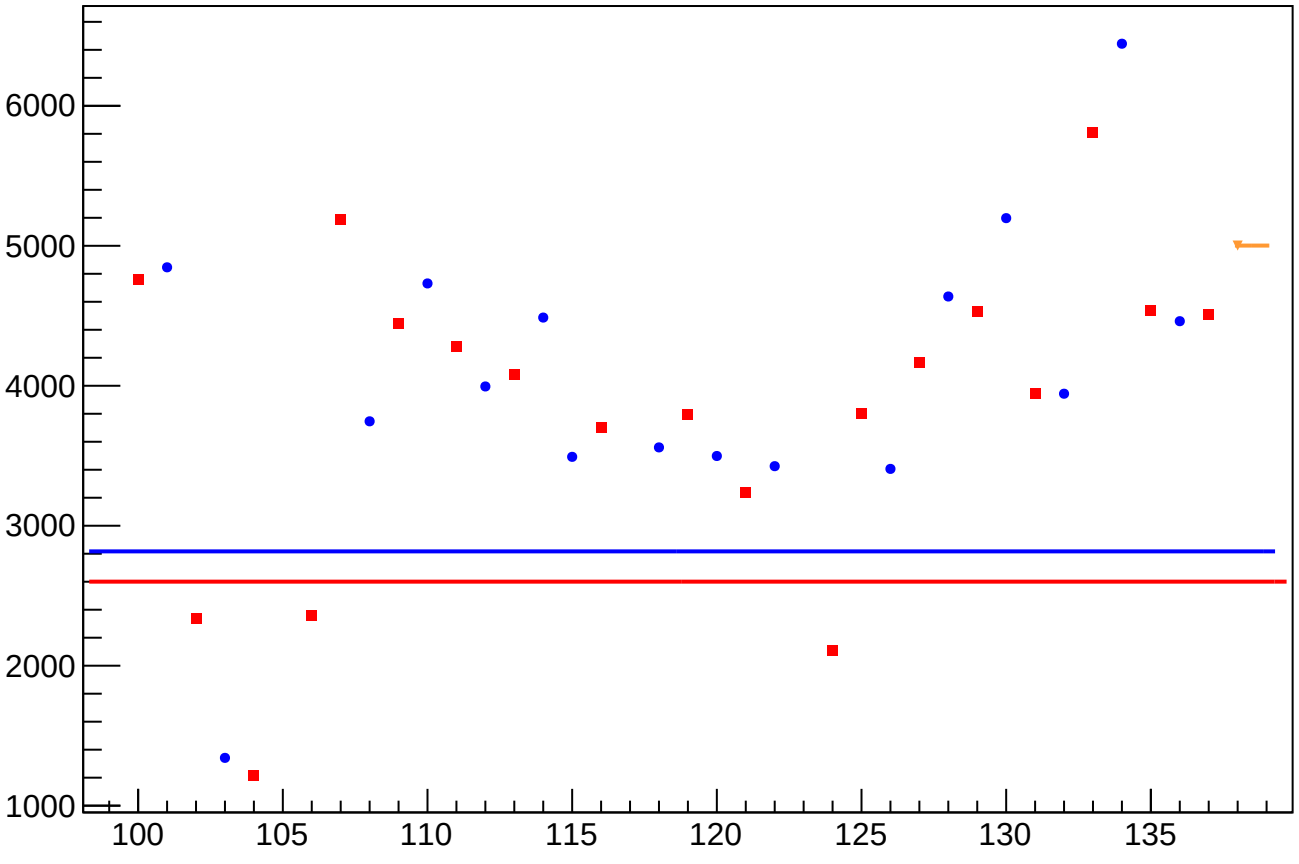
Right Out: 36.115+/-1098.207 χ^2/NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -463.251+/-1157.916 χ^2/NDF: 15.6/16

All: -200.361+/-796.822 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2816.784+/-0.836 χ^2/NDF: 3007570.0/15

Left Out: 5001.597+/-4.042 χ^2/NDF:0.0/0

Right Out: 2600.524+/-0.777 χ^2/NDF: 3080771.9/18

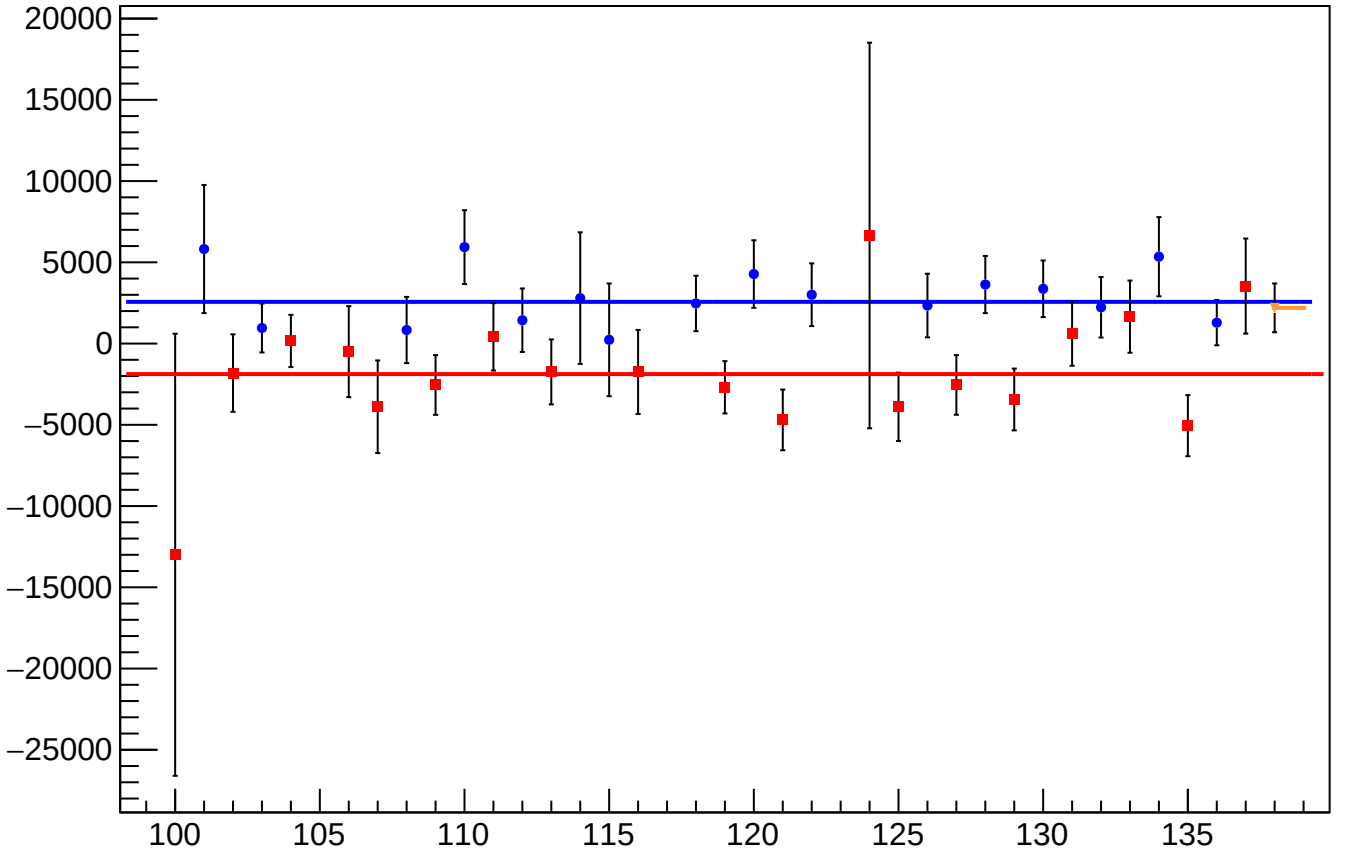
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2906.444+/-0.819 χ^2/NDF: 3287783.8/16

All: 2745.393+/-0.563 χ^2/NDF: 6442048.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2567.180+/-495.364 χ^2/NDF: 9.0/15

Left Out: 2197.424+/-1499.867 χ^2/NDF:0.0/0

Right Out: -1877.774+/-494.719 χ^2/NDF: 19.5/18

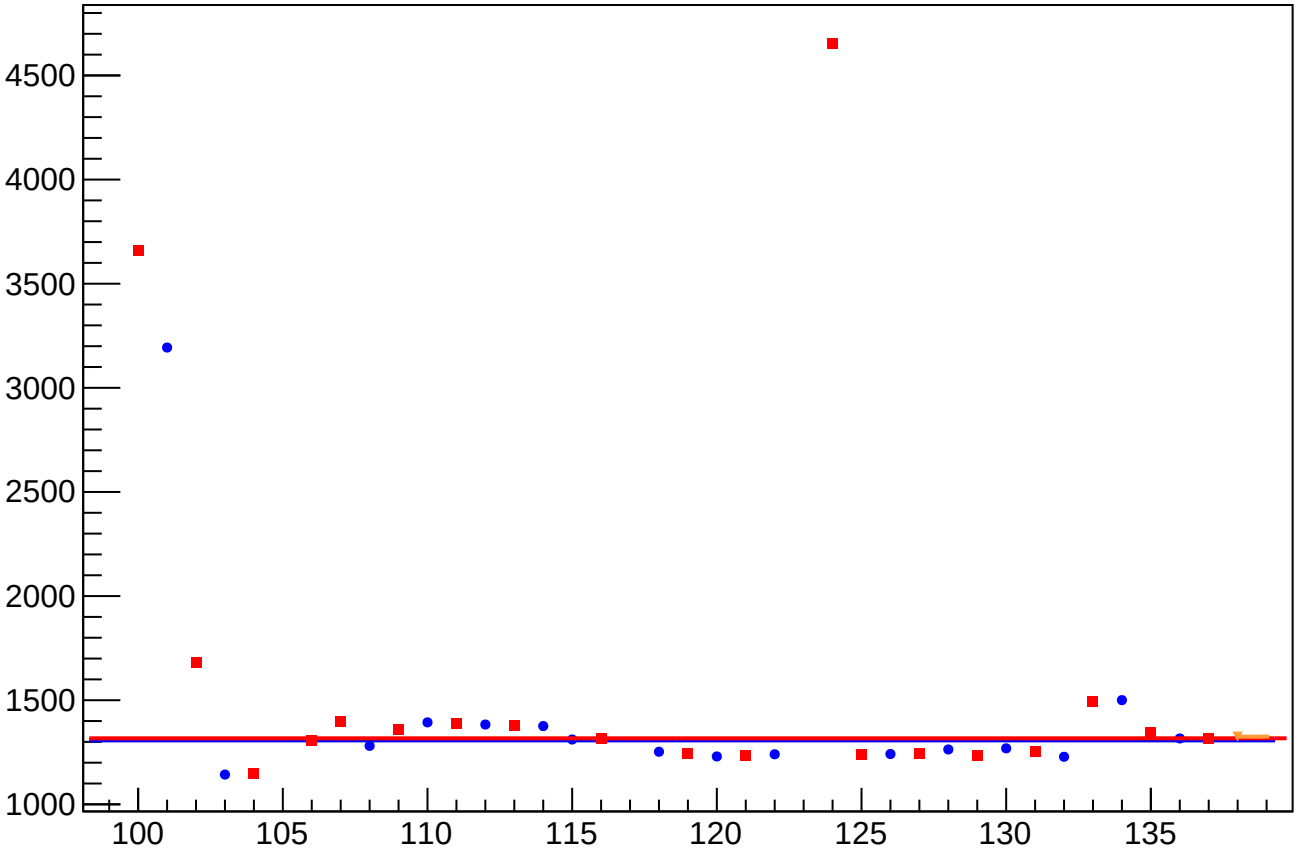
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2530.814+/-470.374 χ^2/NDF: 9.1/16

All: 437.660+/-340.886 χ^2/NDF: 70.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1307.068+/-0.350 χ^2/NDF: 516250.6/15

Left Out: 1324.967+/-1.061 χ^2/NDF:0.0/0

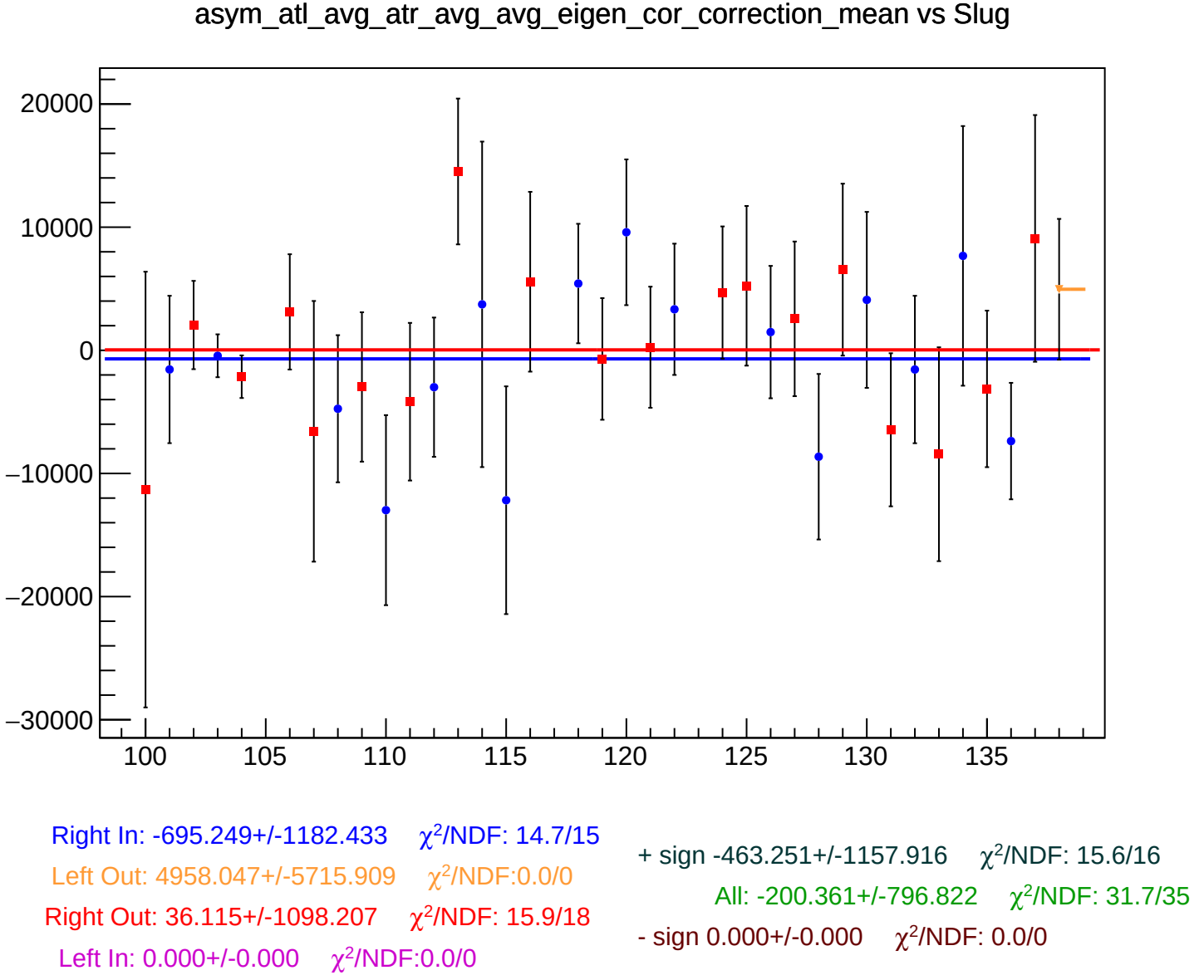
Right Out: 1317.128+/-0.349 χ^2/NDF: 325926.8/18

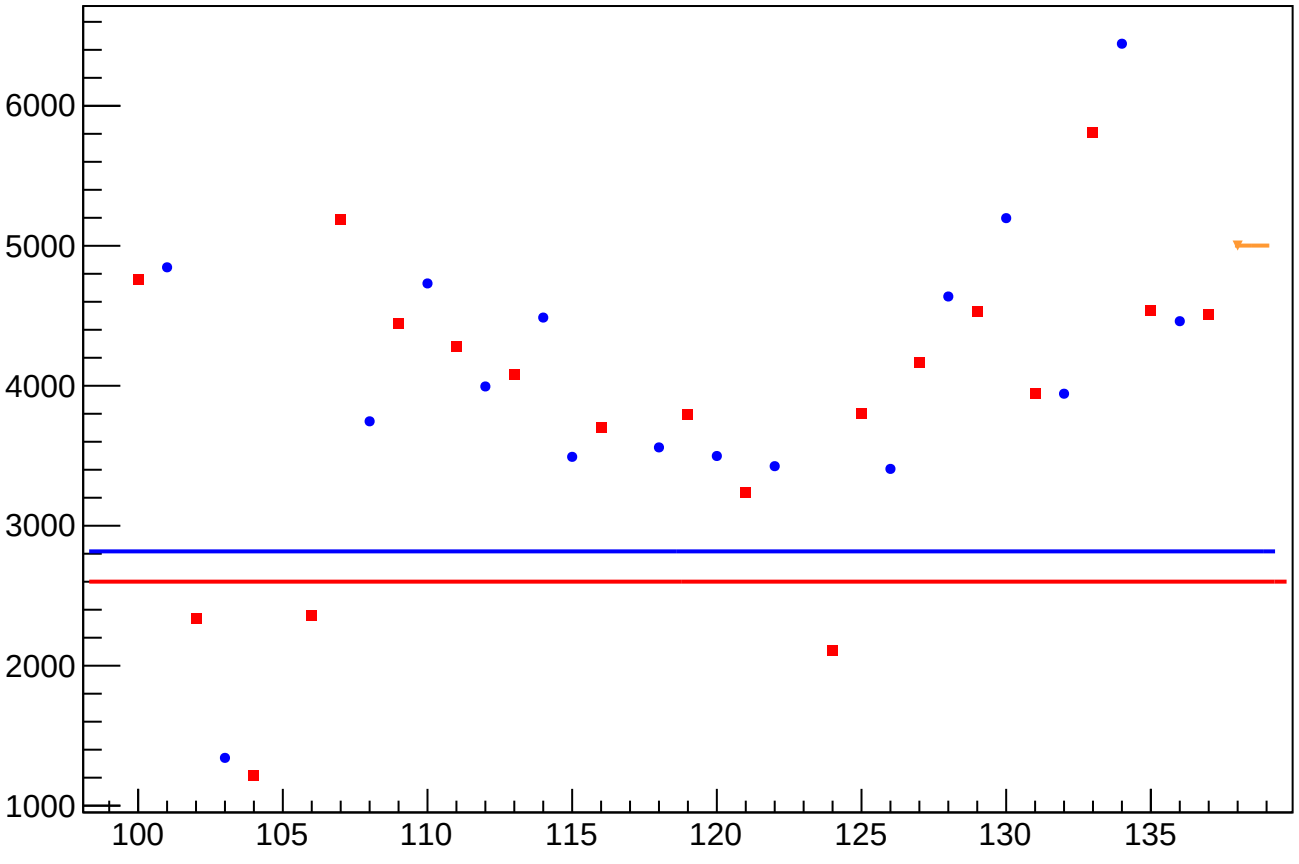
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1308.828+/-0.333 χ^2/NDF: 516507.4/16

All: 1312.777+/-0.241 χ^2/NDF: 842730.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug
20000
10000
0
−10000
−20000
−30000
100
105
110
115
120
125
130
135
Right In: -695.249+/-1182.433 χ²/NDF: 14.7/15
Left Out: 4958.047+/-5715.909 χ²/NDF:0.0/0
Right Out: 36.115+/-1098.207 χ²/NDF: 15.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -463.251+/-1157.916 χ²/NDF: 15.6/16
All: -200.361+/-796.822 χ²/NDF: 31.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 2816.784+/-0.836 χ^2/NDF: 3007570.0/15

Left Out: 5001.597+/-4.042 χ^2/NDF:0.0/0

Right Out: 2600.524+/-0.777 χ^2/NDF: 3080771.9/18

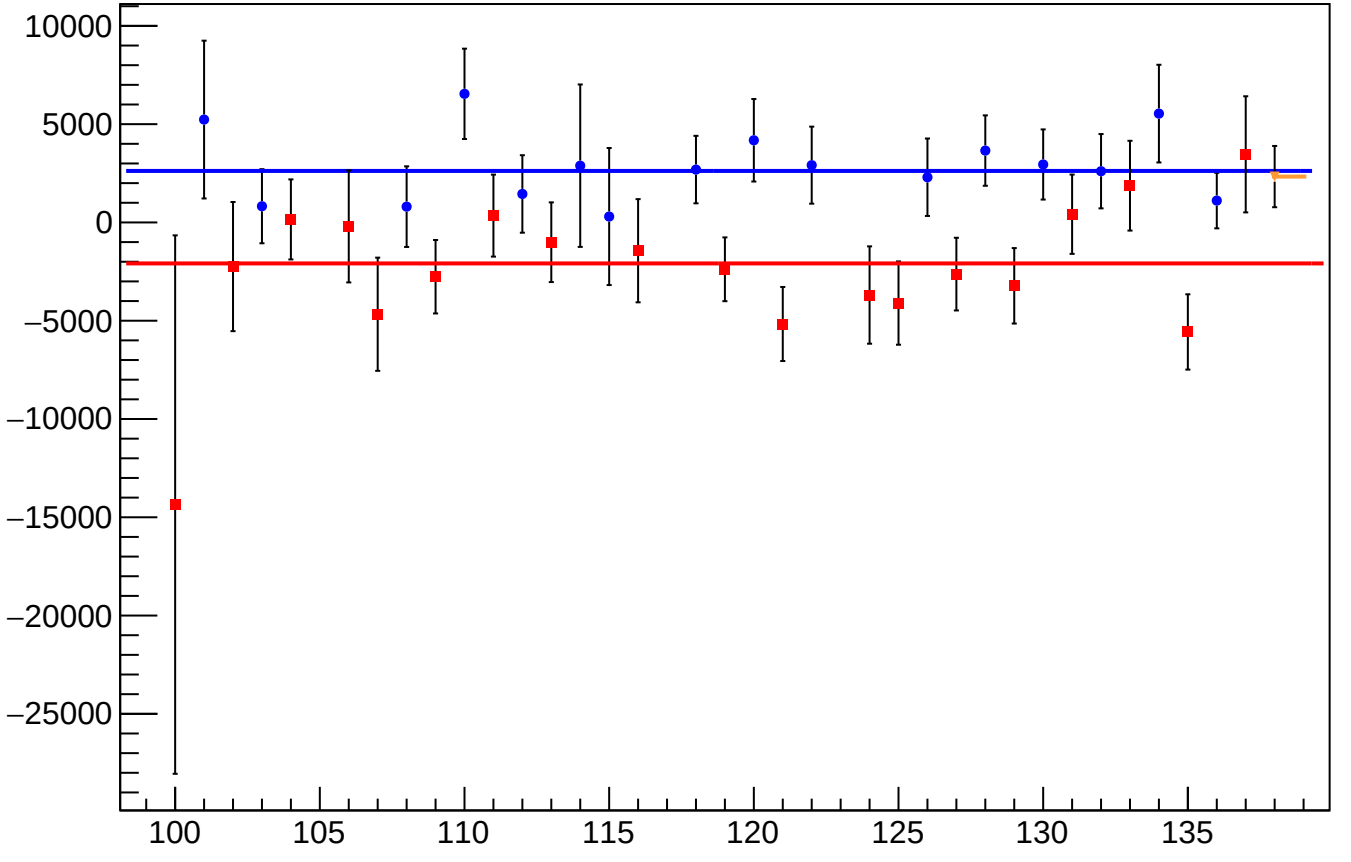
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2906.444+/-0.819 χ^2/NDF: 3287783.8/16

All: 2745.393+/-0.563 χ^2/NDF: 6442048.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2620.535+/-511.510 χ^2/NDF: 9.3/15

Left Out: 2332.787+/-1558.370 χ^2/NDF:0.0/0

Right Out: -2085.606+/-504.873 χ^2/NDF: 20.9/18

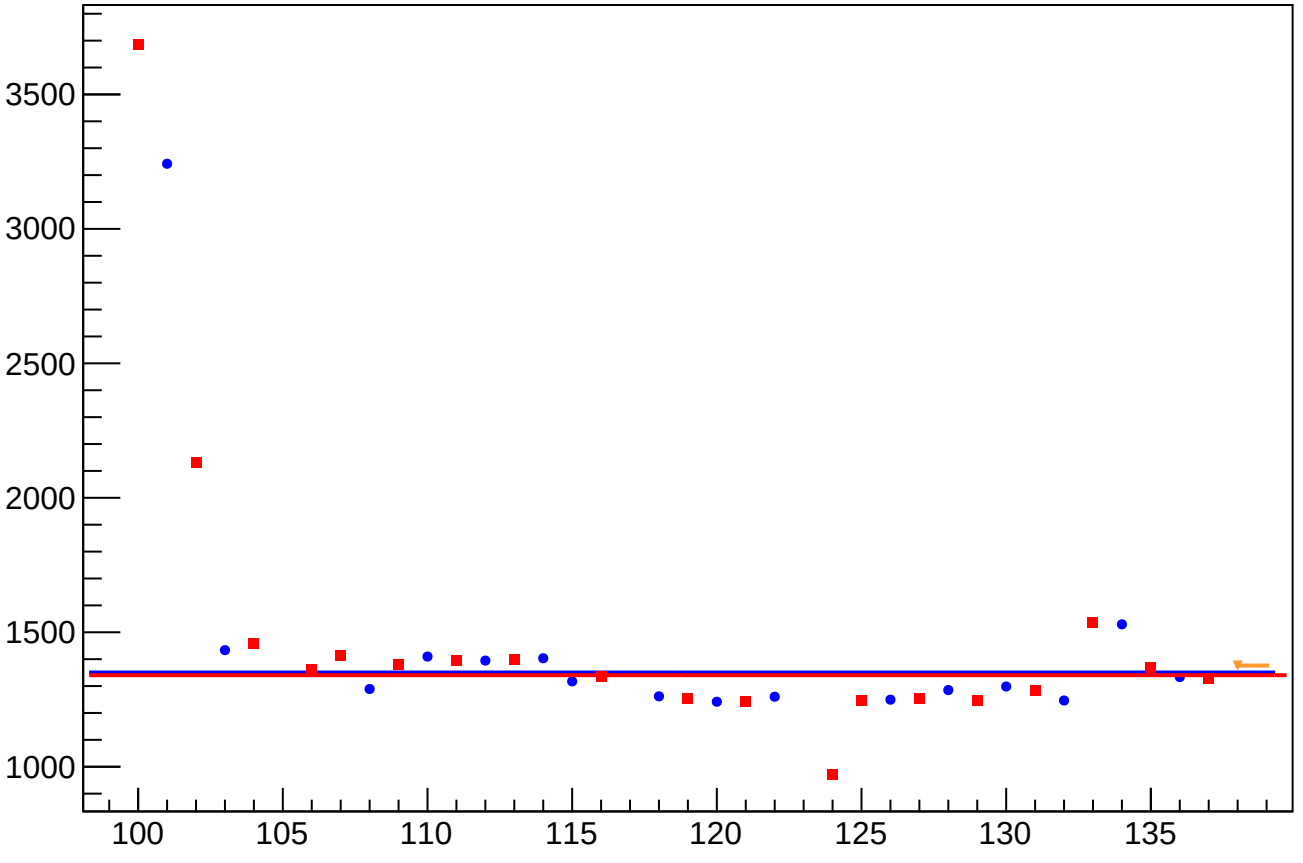
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2592.549+/-485.999 χ^2/NDF: 9.3/16

All: 342.545+/-350.136 χ^2/NDF: 74.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1350.369+/-0.362 χ^2/NDF: 494051.1/15

Left Out: 1376.327+/-1.102 χ^2/NDF:0.0/0

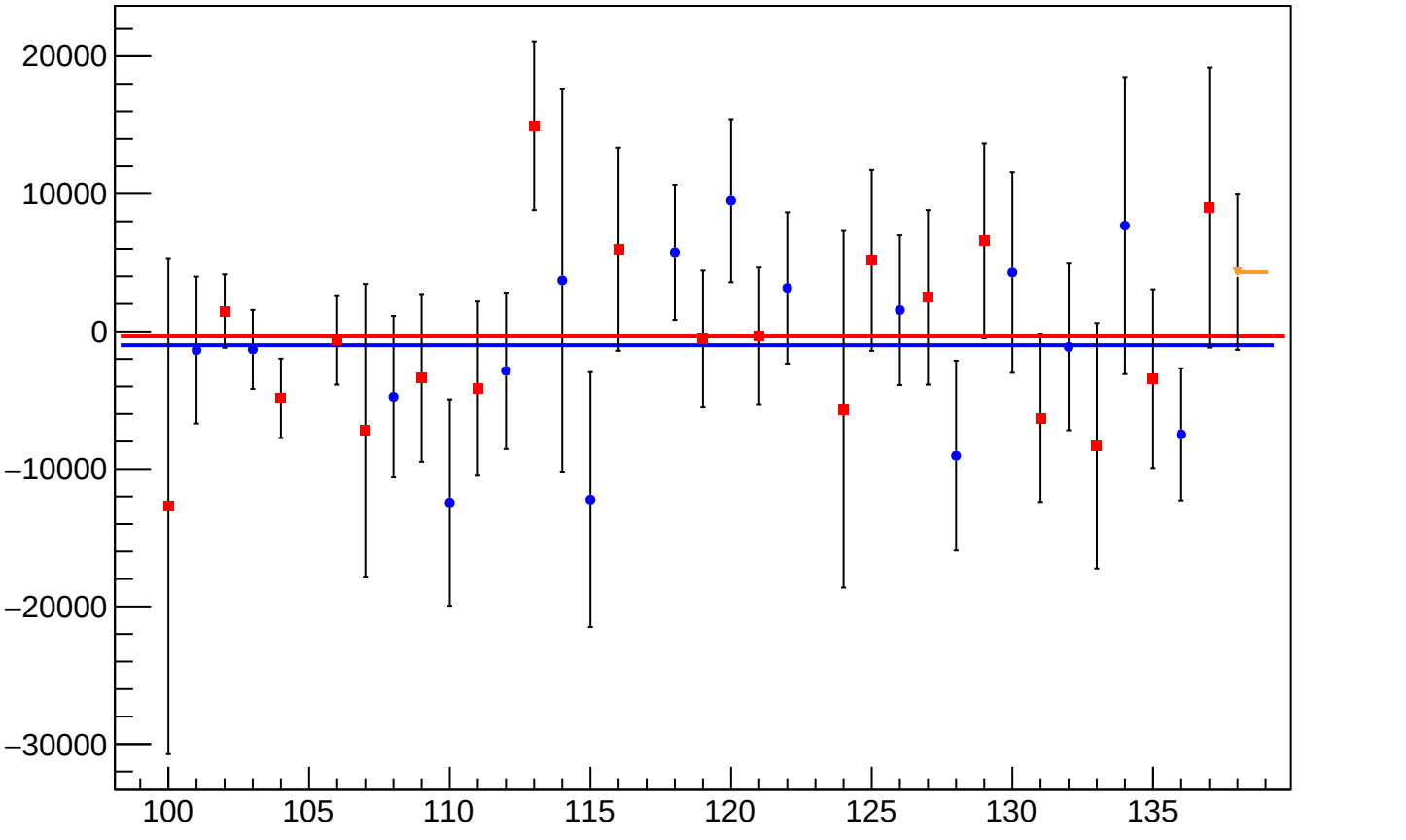
Right Out: 1340.429+/-0.357 χ^2/NDF: 272183.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1352.894+/-0.344 χ^2/NDF: 494552.0/16

All: 1346.895+/-0.248 χ^2/NDF: 767368.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1006.752+/-1404.458 χ^2/NDF: 14.6/15

Left Out: 4303.825+/-5645.635 χ^2/NDF:0.0/0

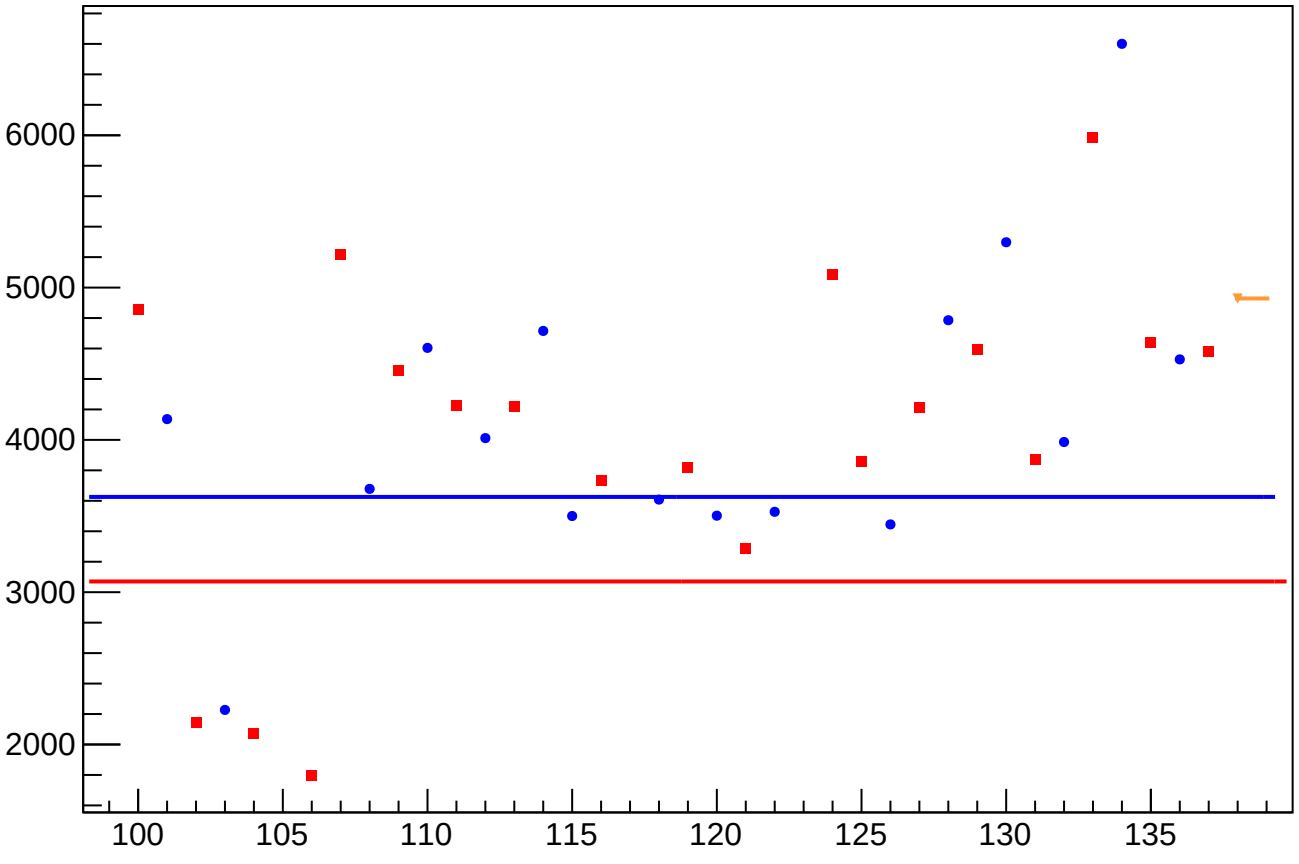
Right Out: -364.493+/-1202.498 χ^2/NDF: 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -697.255+/-1362.918 χ^2/NDF: 15.4/16

All: -510.147+/-901.704 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3625.512+/-0.993 χ^2/NDF: 944905.4/15

Left Out: 4928.587+/-3.992 χ^2/NDF:0.0/0

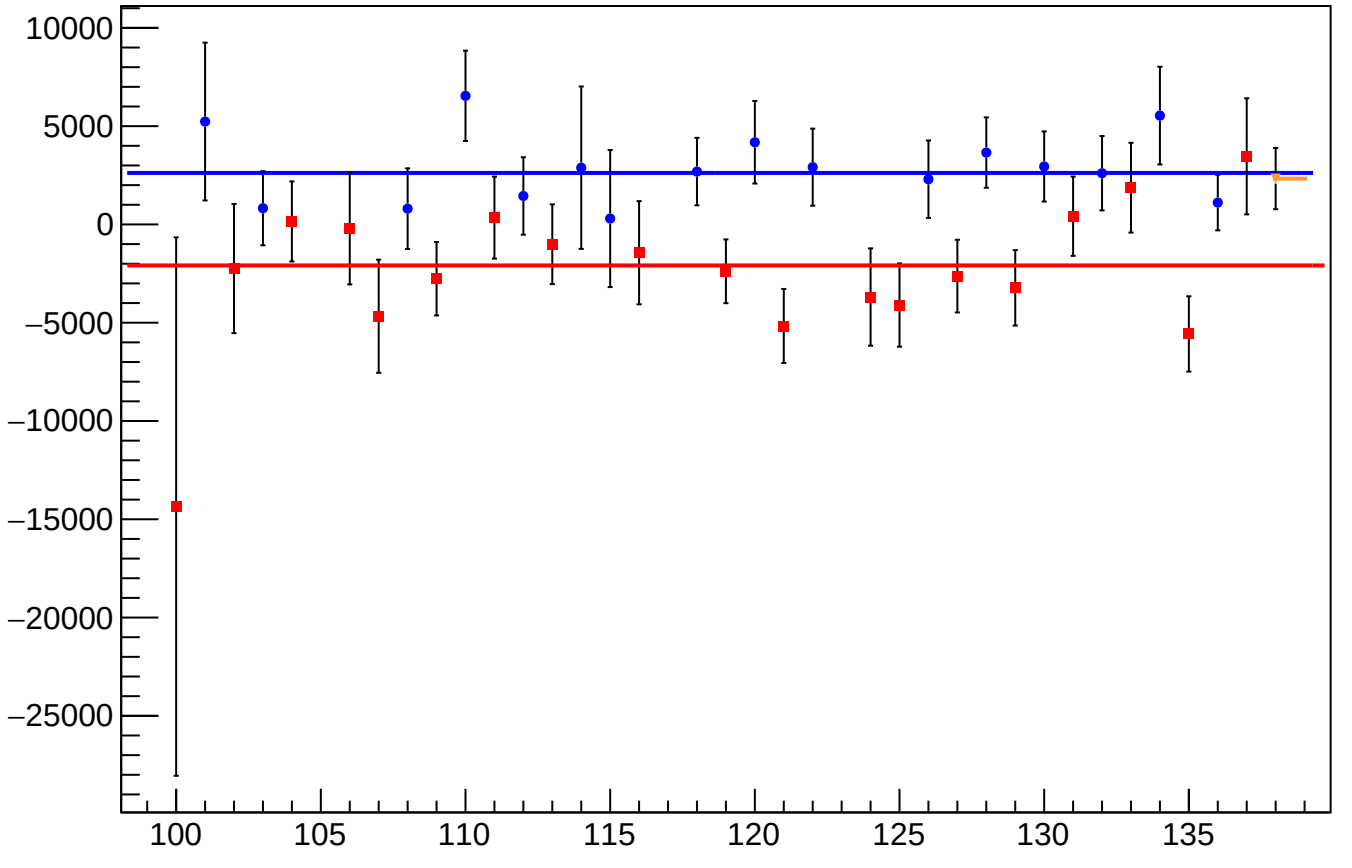
Right Out: 3070.442+/-0.850 χ^2/NDF: 1838659.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3701.454+/-0.964 χ^2/NDF: 1045243.5/16

All: 3346.644+/-0.638 χ^2/NDF: 3124962.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2620.535+/-511.510 χ^2/NDF: 9.3/15

Left Out: 2332.802+/-1558.370 χ^2/NDF:0.0/0

Right Out: -2085.608+/-504.873 χ^2/NDF: 20.9/18

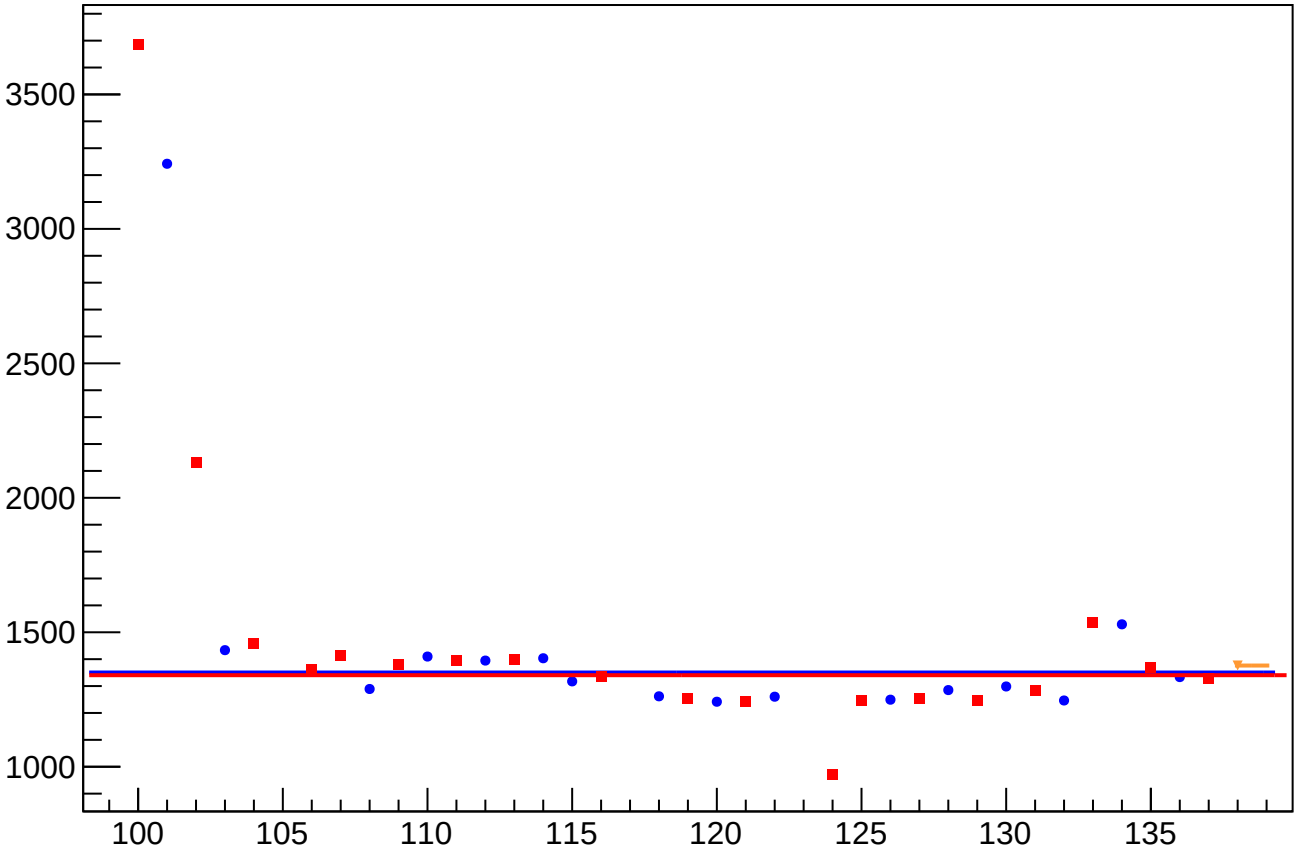
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 2592.550+/-485.999 χ^2/NDF: 9.3/16

All: 342.545+/-350.136 χ^2/NDF: 74.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1350.369+/-0.362 χ^2/NDF: 494051.2/15

Left Out: 1376.327+/-1.102 χ^2/NDF:0.0/0

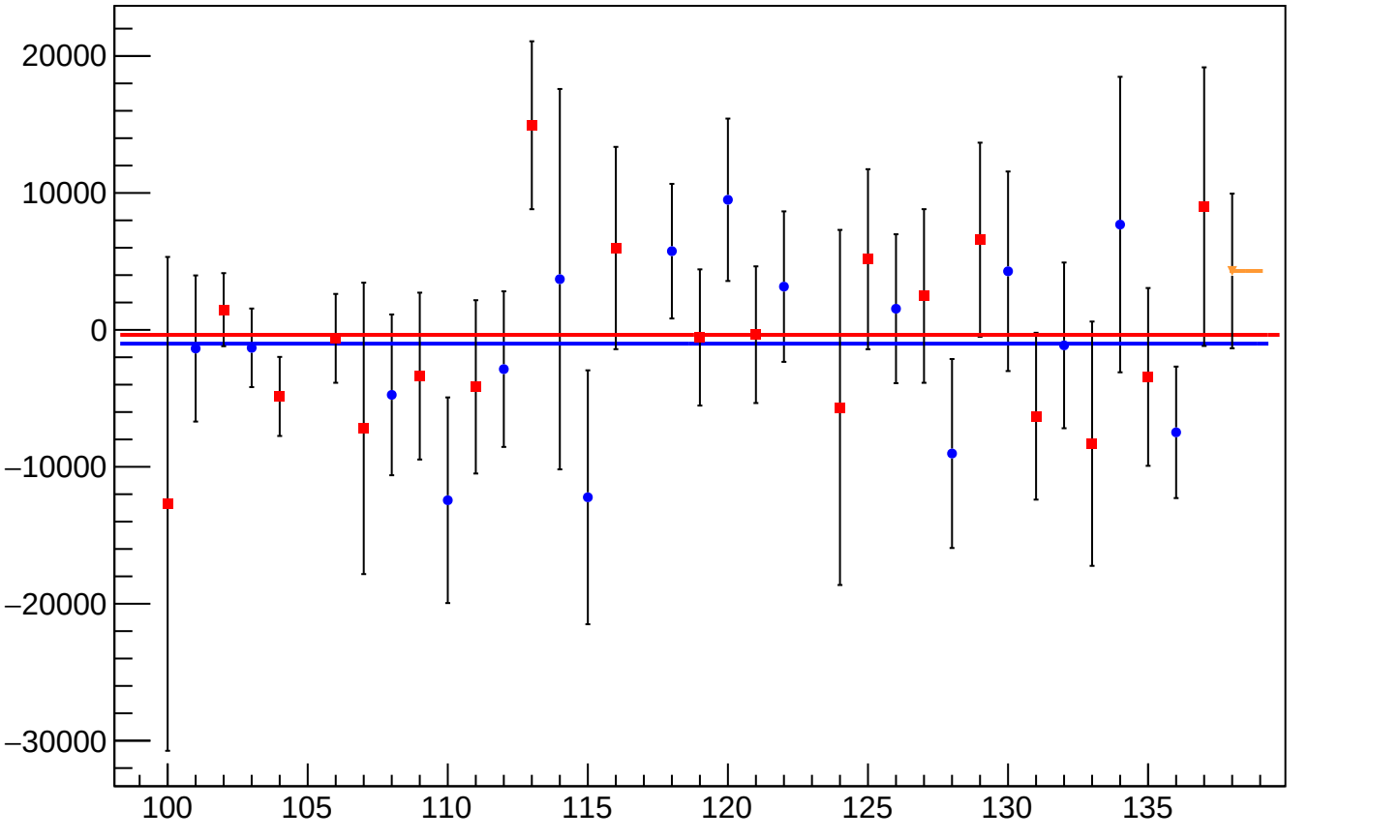
Right Out: 1340.428+/-0.357 χ^2/NDF: 272182.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1352.893+/-0.344 χ^2/NDF: 494552.1/16

All: 1346.894+/-0.248 χ^2/NDF: 767367.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1006.742+/-1404.455 χ^2/NDF: 14.6/15

Left Out: 4303.838+/-5645.648 χ^2/NDF:0.0/0

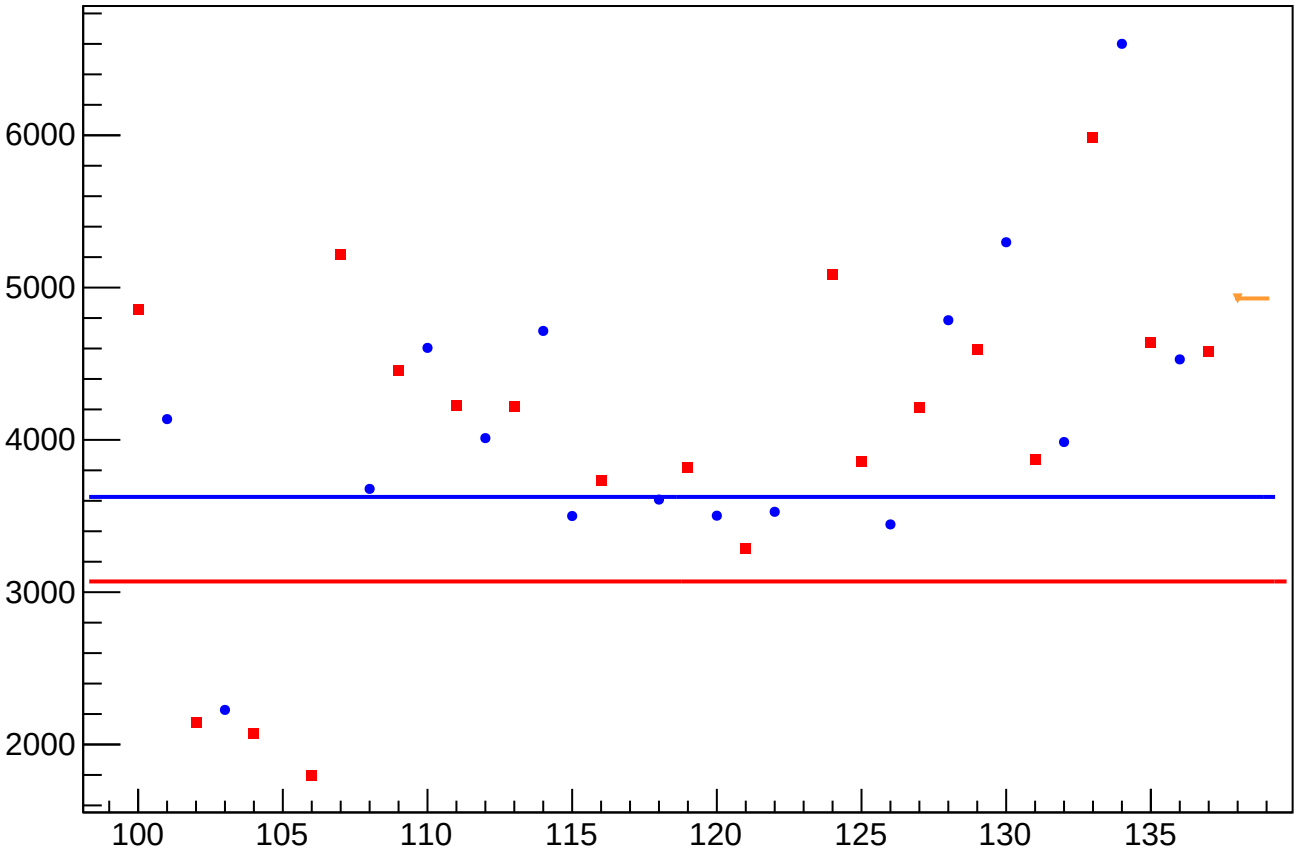
Right Out: -364.495+/-1202.495 χ^2/NDF: 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -697.248+/-1362.916 χ^2/NDF: 15.4/16

All: -510.145+/-901.702 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3625.503+/-0.993 χ^2/NDF: 944907.6/15

Left Out: 4928.598+/-3.992 χ^2/NDF:0.0/0

Right Out: 3070.434+/-0.850 χ^2/NDF: 1838662.0/18

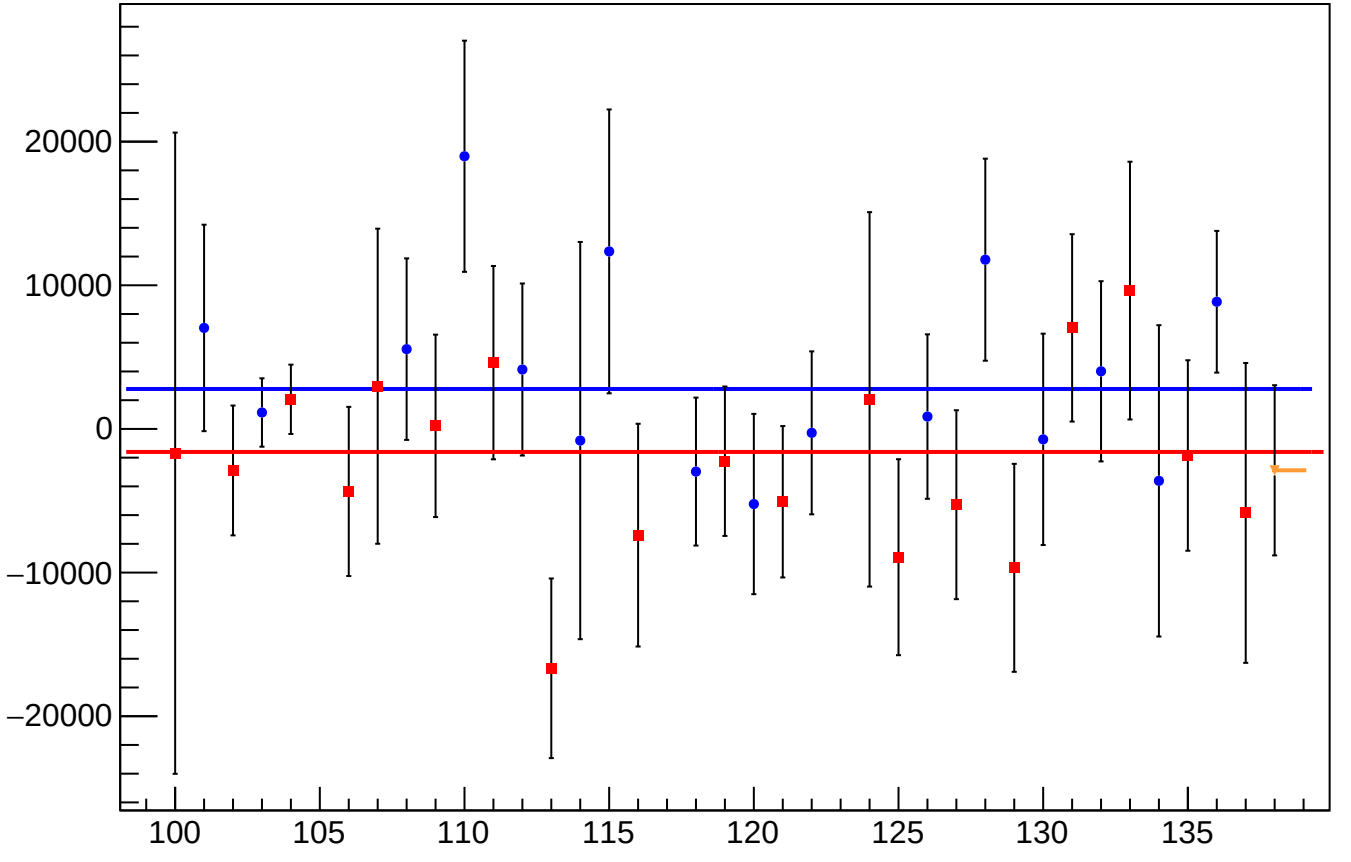
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3701.446+/-0.964 χ^2/NDF: 1045248.3/16

All: 3346.635+/-0.638 χ^2/NDF: 3124971.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2780.878+/-1389.439 χ^2/NDF: 13.2/15

Left Out: -2880.926+/-5923.963 χ^2/NDF:0.0/0

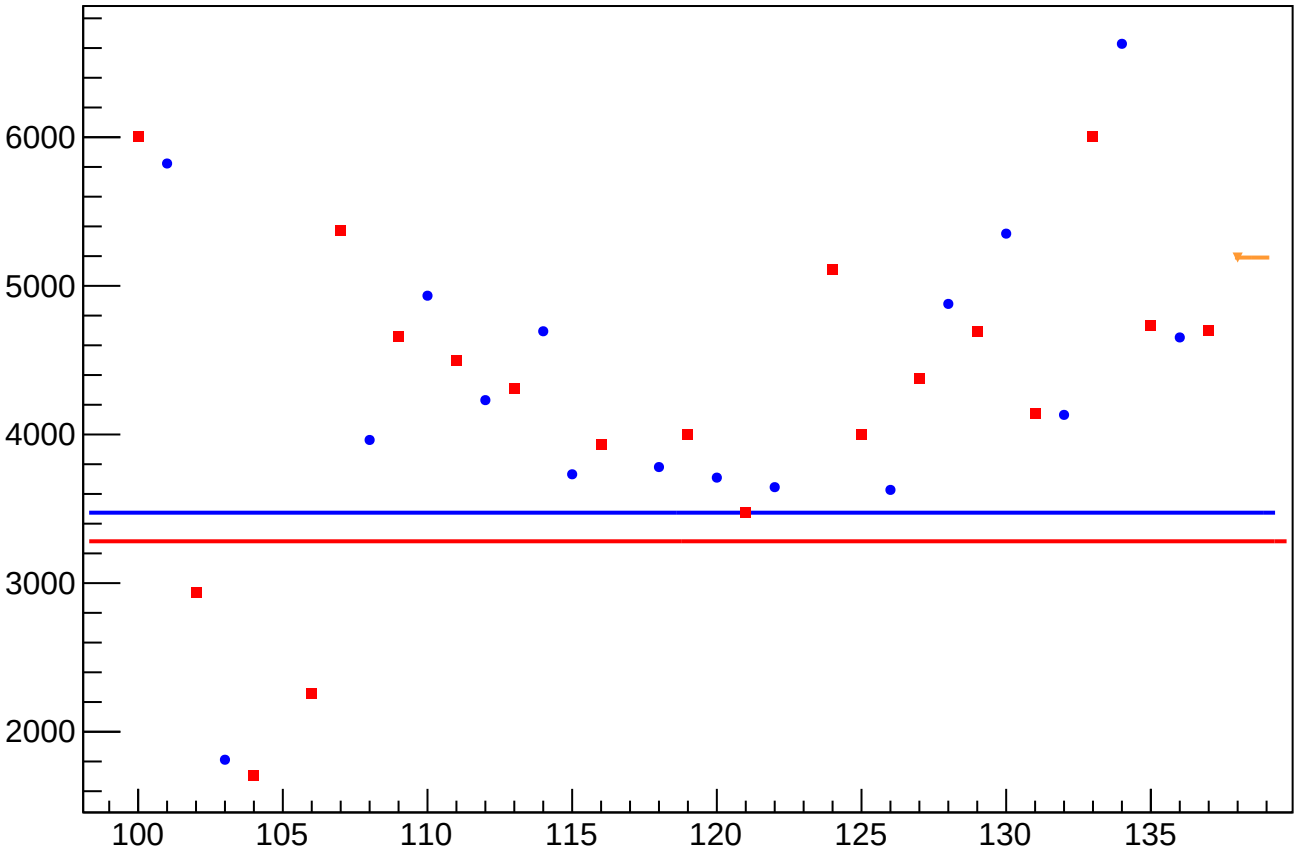
Right Out: -1602.626+/-1337.018 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2485.654+/-1352.730 χ^2/NDF: 14.0/16

All: 417.634+/-950.921 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3473.898+/-0.982 χ^2/NDF: 1843964.2/15

Left Out: 5190.461+/-4.189 χ^2/NDF:0.0/0

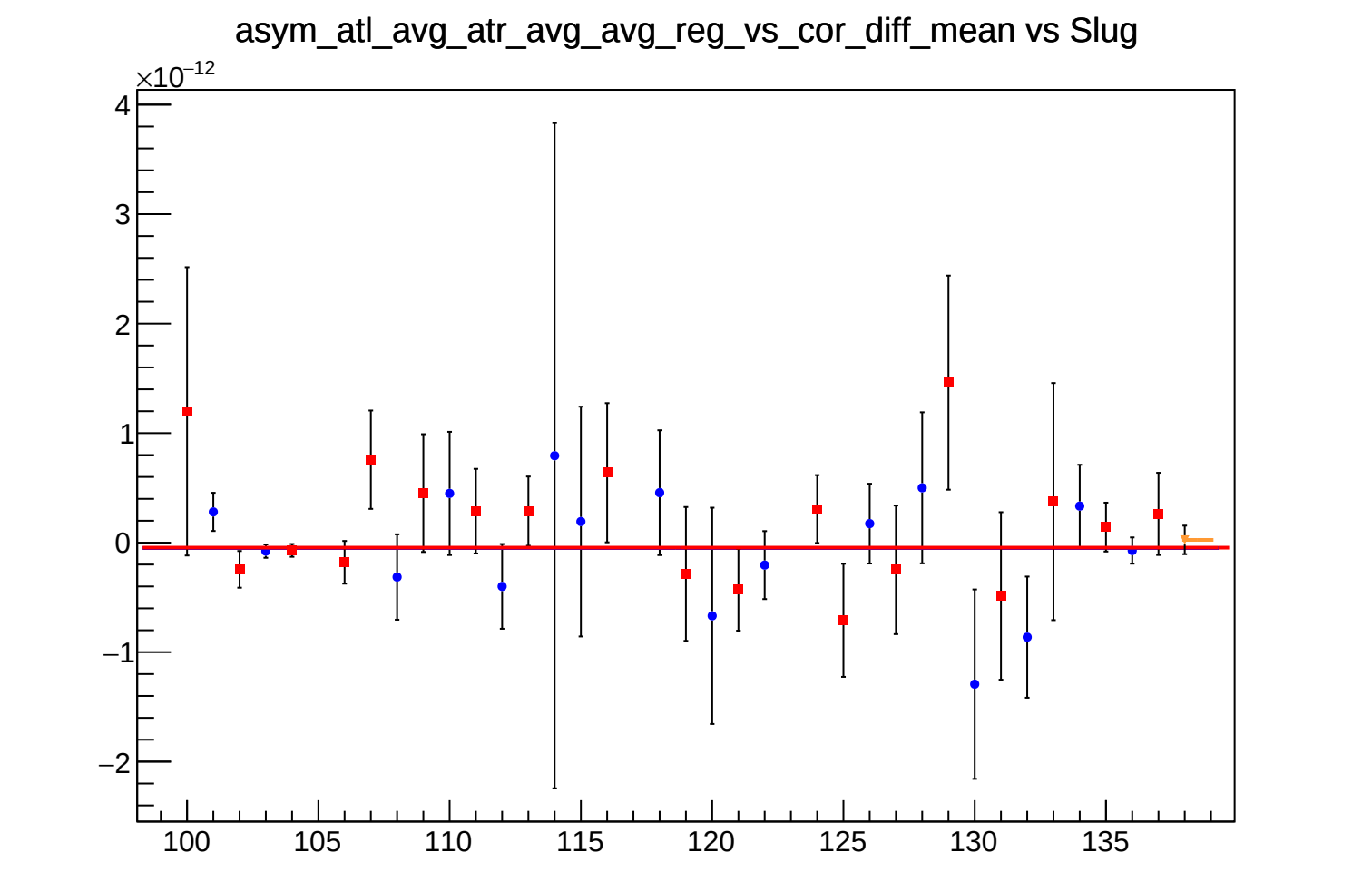
Right Out: 3281.478+/-0.932 χ^2/NDF: 1875493.9/18

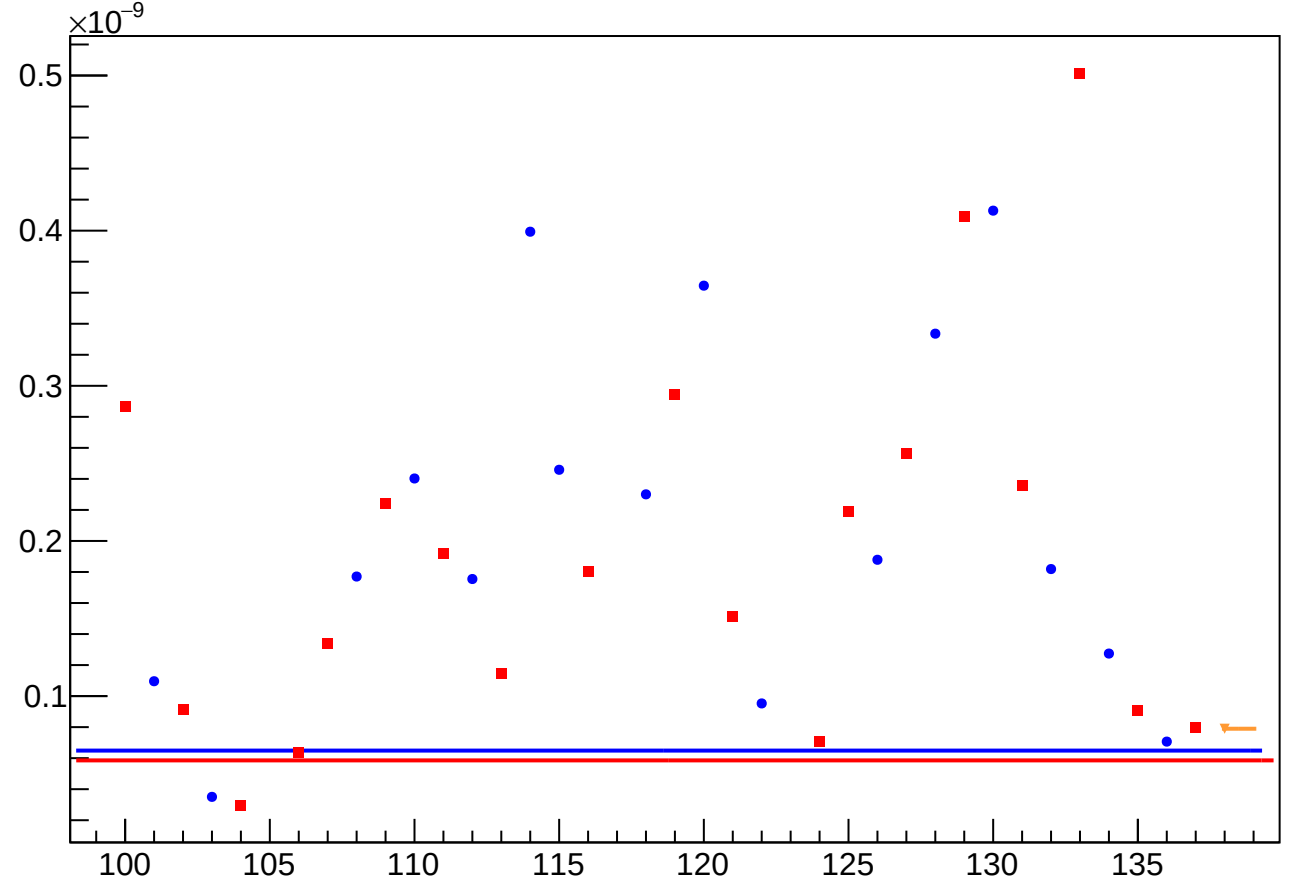
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3563.404+/-0.957 χ^2/NDF: 2003136.7/16

All: 3418.856+/-0.668 χ^2/NDF: 3923171.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug
×10^−12
4
3
2
1
0
−1
−2
100
105
110
115
120
125
130
135
Right In: -0.000+/-0.000 χ²/NDF: 13.7/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.000+/-0.000 χ²/NDF: 18.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.000+/-0.000 χ²/NDF: 14.0/16
All: -0.000+/-0.000 χ²/NDF: 32.6/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2592912.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

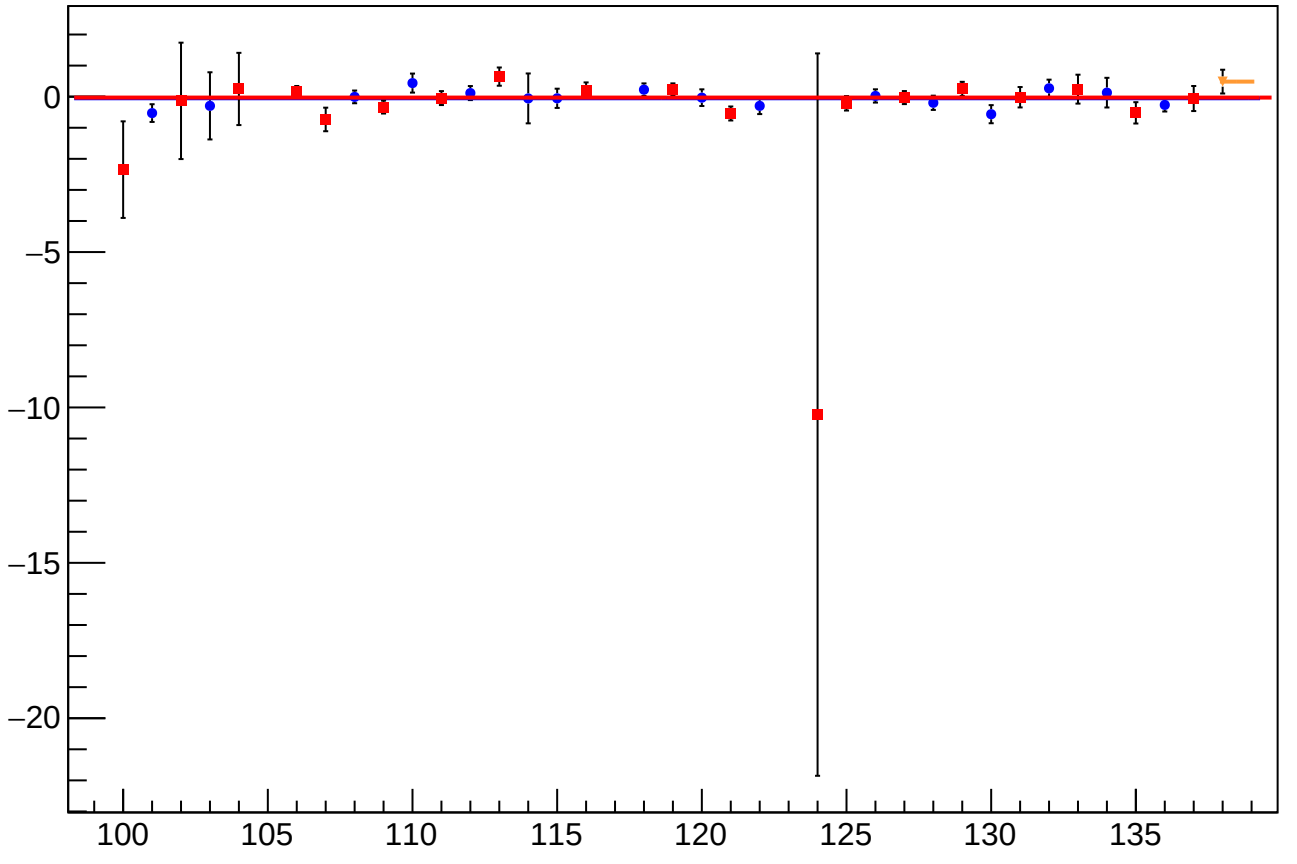
Right Out: 0.000+/-0.000 χ^2/NDF: 2855105.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2613444.8/16

All: 0.000+/-0.000 χ^2/NDF: 5498368.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.051+/-0.067 χ^2/NDF: 14.9/15

Left Out: 0.485+/-0.382 χ^2/NDF:0.0/0

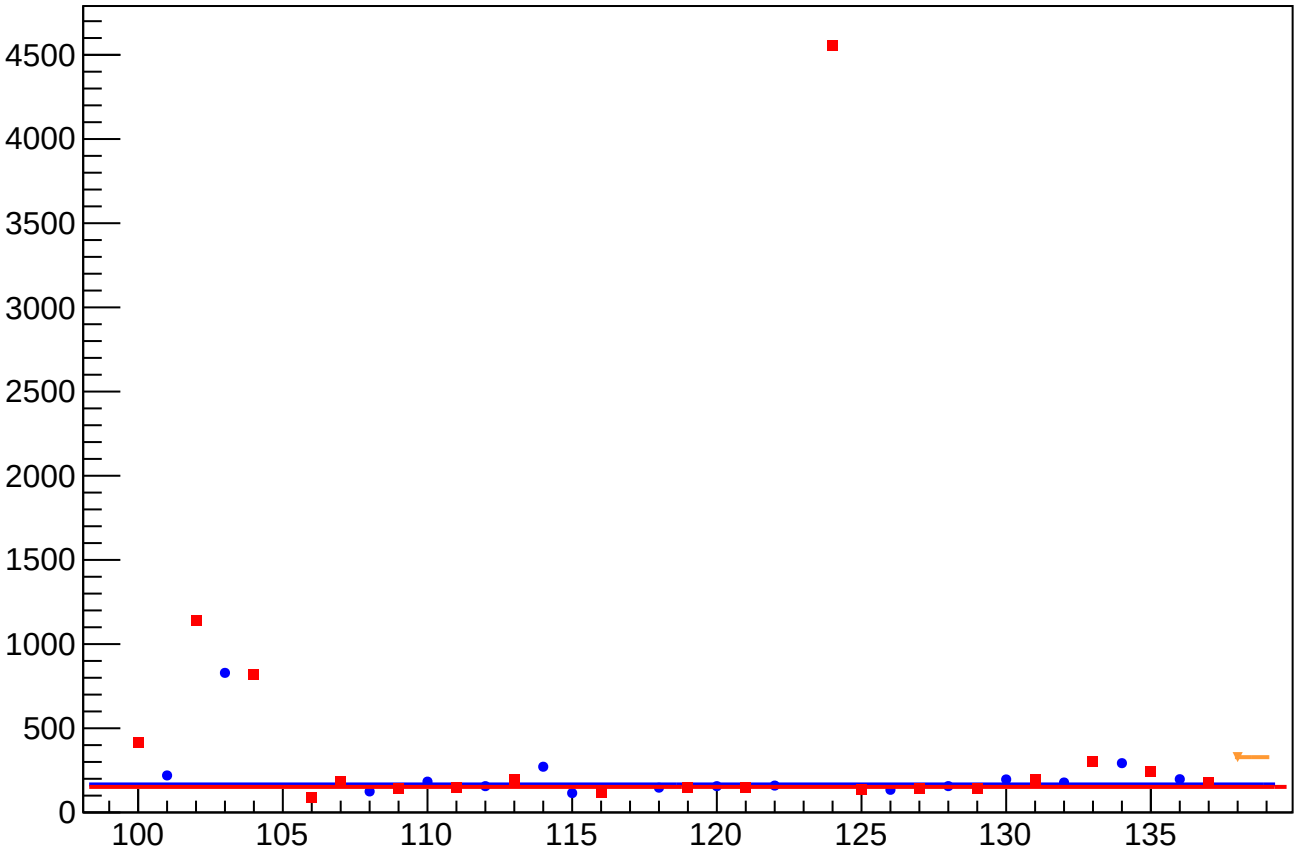
Right Out: -0.029+/-0.064 χ^2/NDF: 27.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.035+/-0.066 χ^2/NDF: 16.8/16

All: -0.032+/-0.046 χ^2/NDF: 44.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 166.360+/-0.047 χ^2/NDF: 1282728.5/15

Left Out: 328.479+/-0.270 χ^2/NDF:0.0/0

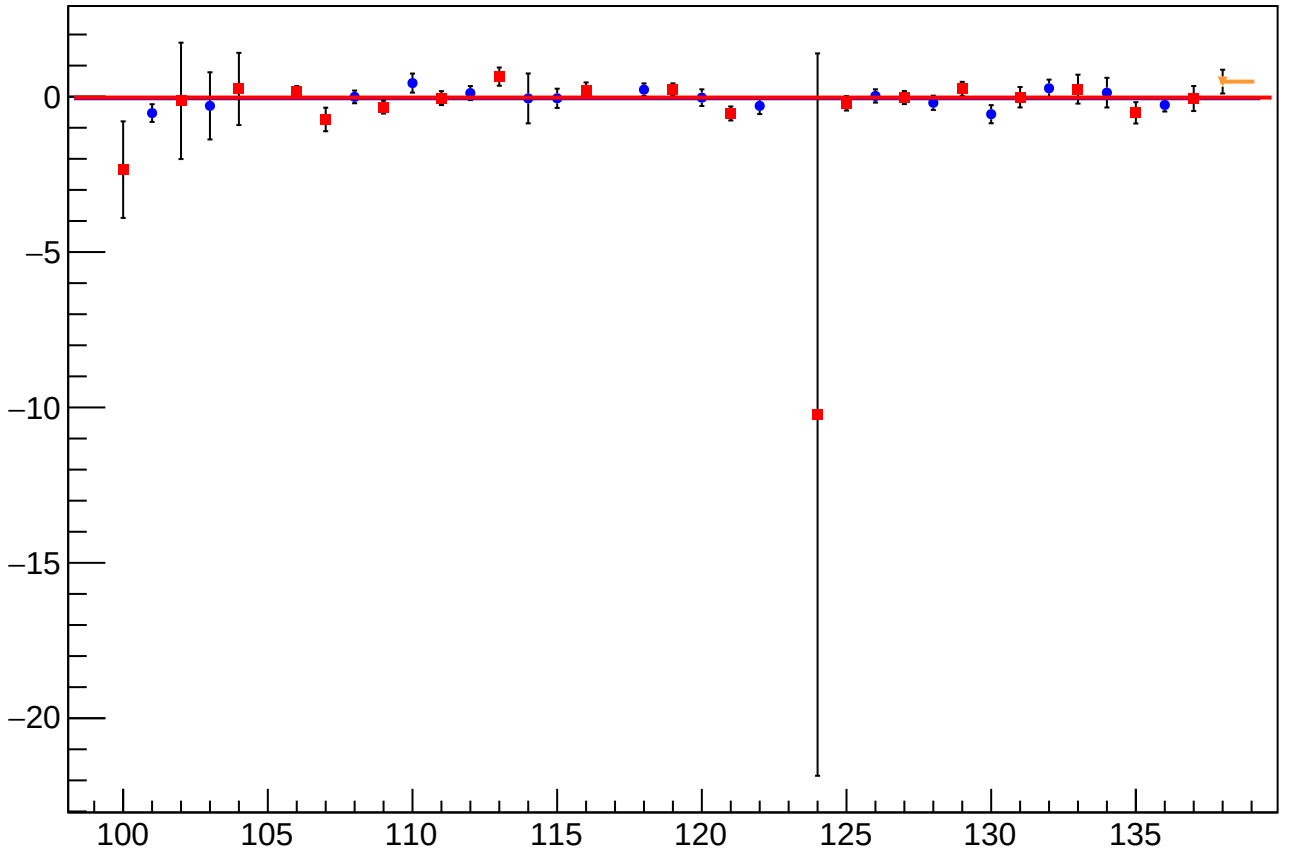
Right Out: 151.791+/-0.045 χ^2/NDF: 2315638.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 171.153+/-0.046 χ^2/NDF: 1631758.9/16

All: 161.217+/-0.032 χ^2/NDF: 4036447.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.051+/-0.067 χ^2/NDF: 14.9/15

Left Out: 0.485+/-0.382 χ^2/NDF:0.0/0

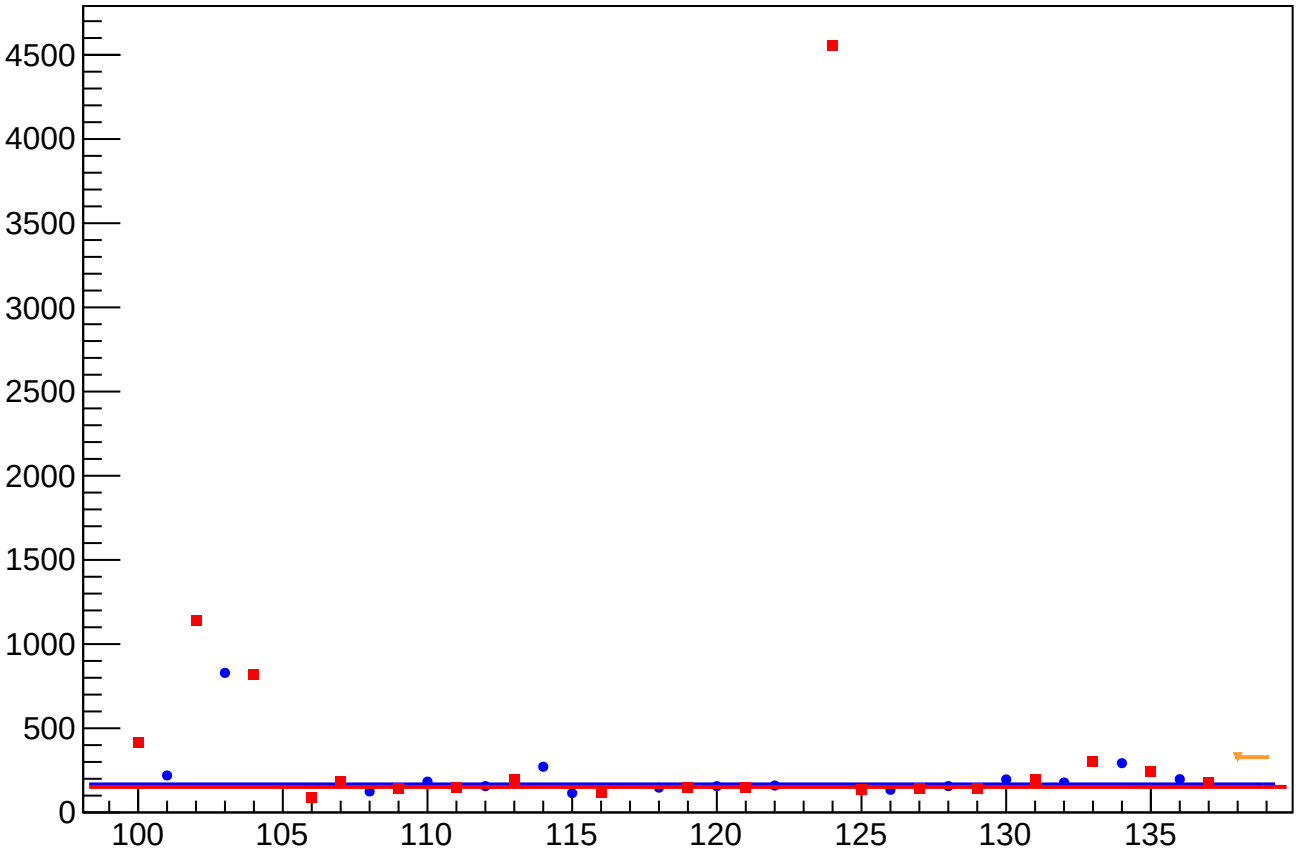
Right Out: -0.029+/-0.064 χ^2/NDF: 27.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.035+/-0.066 χ^2/NDF: 16.8/16

All: -0.032+/-0.046 χ^2/NDF: 44.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 166.360+/-0.047 χ^2/NDF: 1282728.5/15

Left Out: 328.479+/-0.270 χ^2/NDF:0.0/0

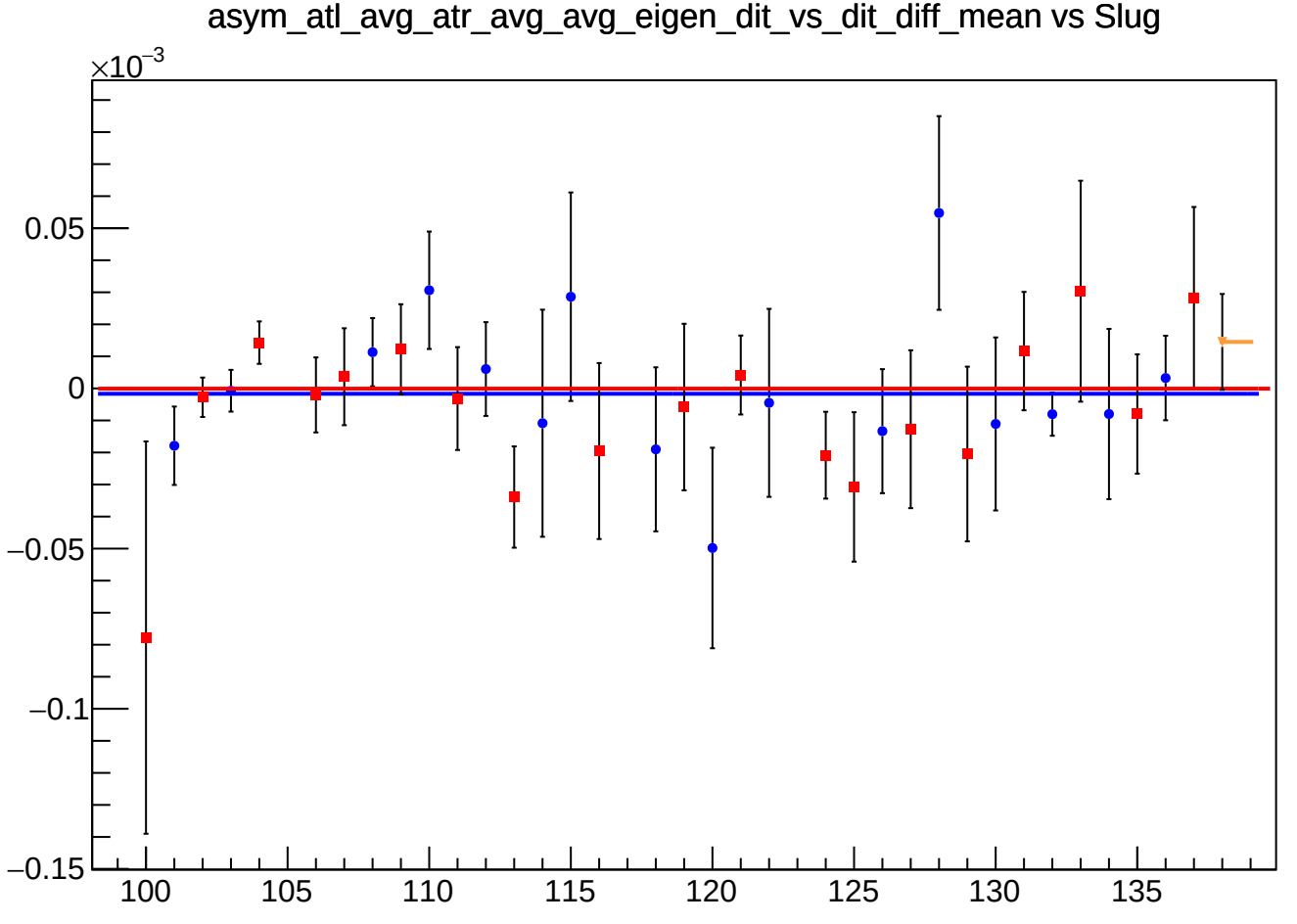
Right Out: 151.791+/-0.045 χ^2/NDF: 2315638.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 171.153+/-0.046 χ^2/NDF: 1631758.9/16

All: 161.217+/-0.032 χ^2/NDF: 4036447.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

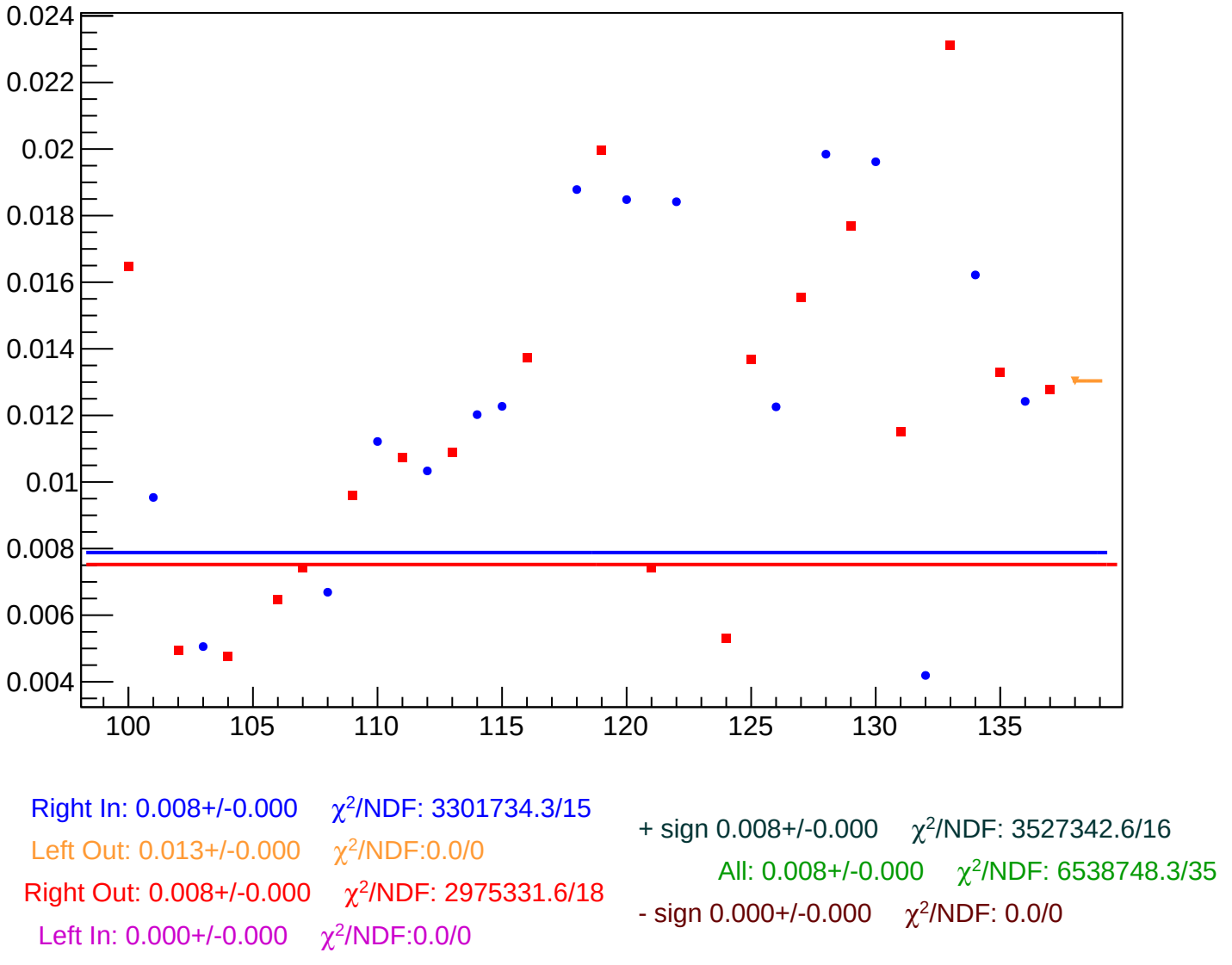
Right Out: -0.000+/-0.000 χ^2/NDF: 19.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.6/16

All: -0.000+/-0.000 χ^2/NDF: 36.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug
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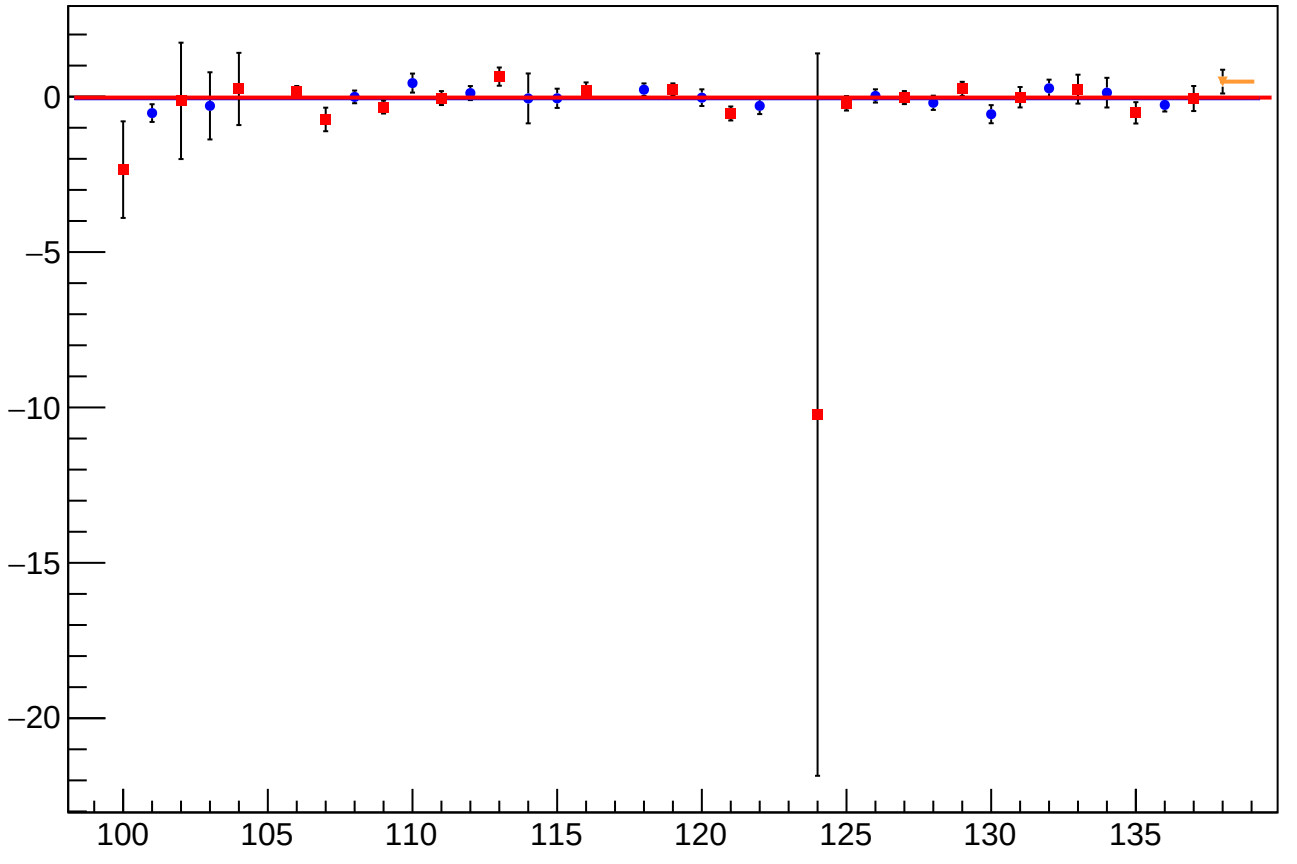
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
100
105
110
115
120
125
130
135
Right In: 0.008+/-0.000 χ²/NDF: 3301734.3/15
Left Out: 0.013+/-0.000 χ²/NDF:0.0/0
Right Out: 0.008+/-0.000 χ²/NDF: 2975331.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.008+/-0.000 χ²/NDF: 3527342.6/16
All: 0.008+/-0.000 χ²/NDF: 6538748.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.051+/-0.067 χ^2/NDF: 14.9/15

Left Out: 0.485+/-0.382 χ^2/NDF:0.0/0

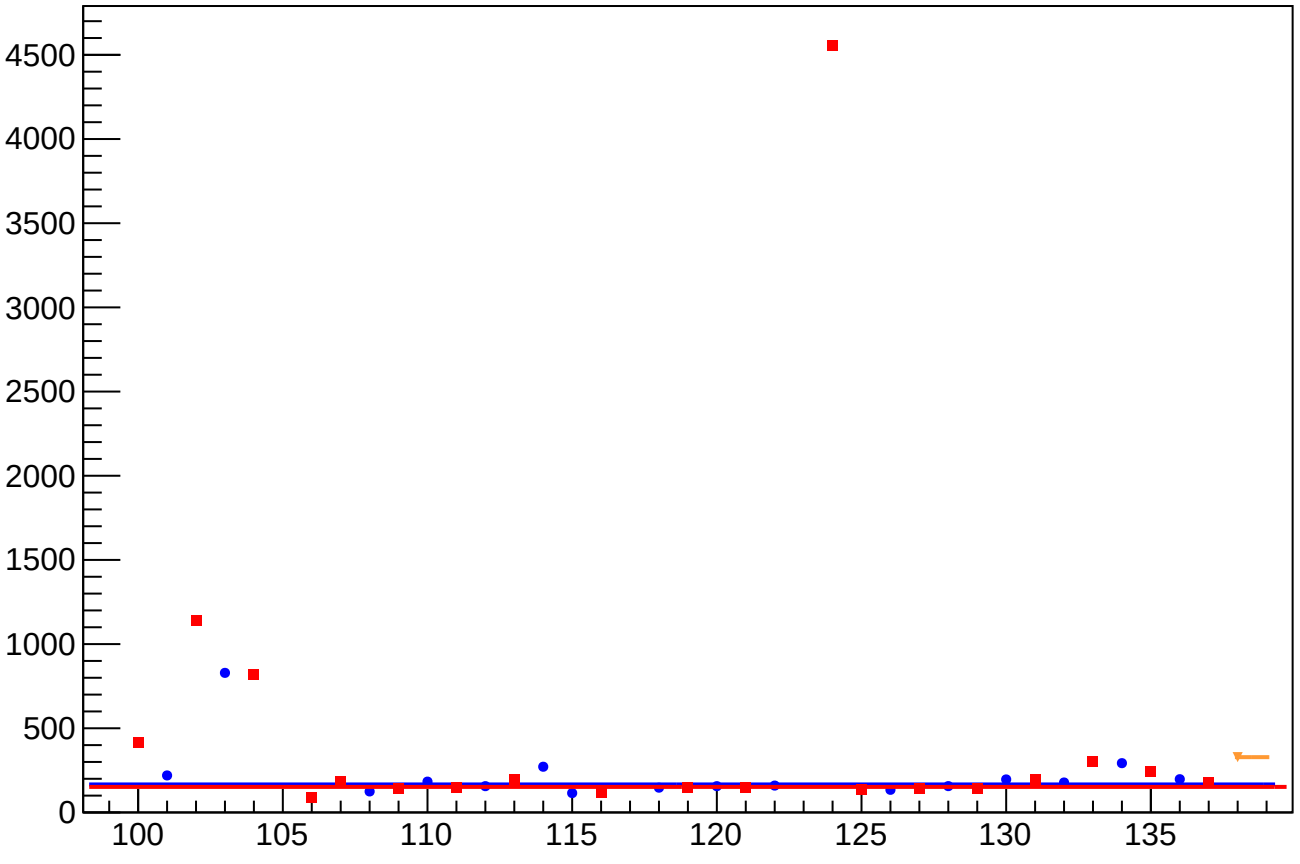
Right Out: -0.029+/-0.064 χ^2/NDF: 27.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.035+/-0.066 χ^2/NDF: 16.8/16

All: -0.032+/-0.046 χ^2/NDF: 44.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 166.359+/-0.047 χ^2/NDF: 1282724.2/15

Left Out: 328.483+/-0.270 χ^2/NDF:0.0/0

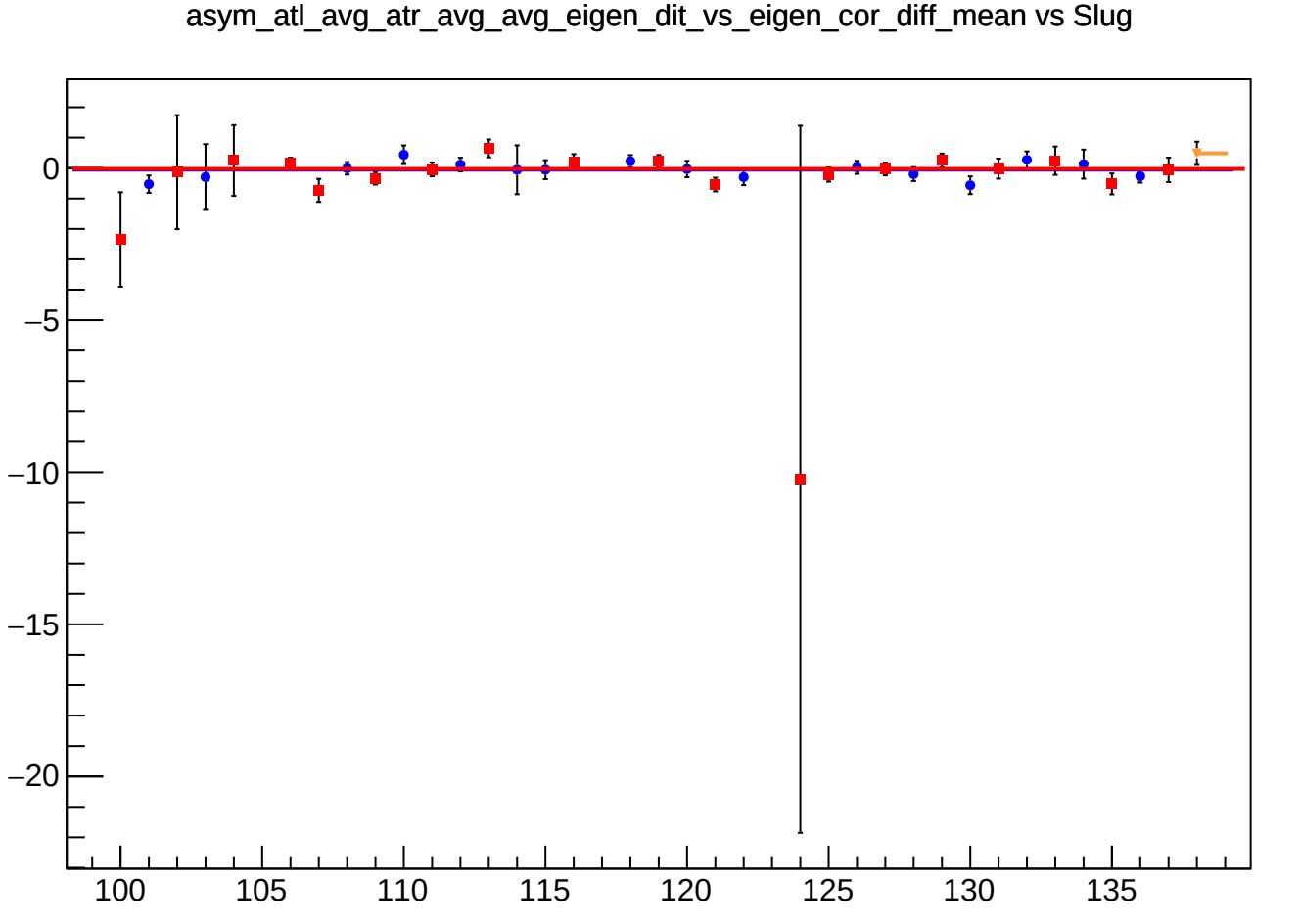
Right Out: 151.790+/-0.045 χ^2/NDF: 2315641.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 171.152+/-0.046 χ^2/NDF: 1631766.4/16

All: 161.216+/-0.032 χ^2/NDF: 4036463.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.051+/-0.067 χ^2/NDF: 14.9/15

Left Out: 0.485+/-0.382 χ^2/NDF:0.0/0

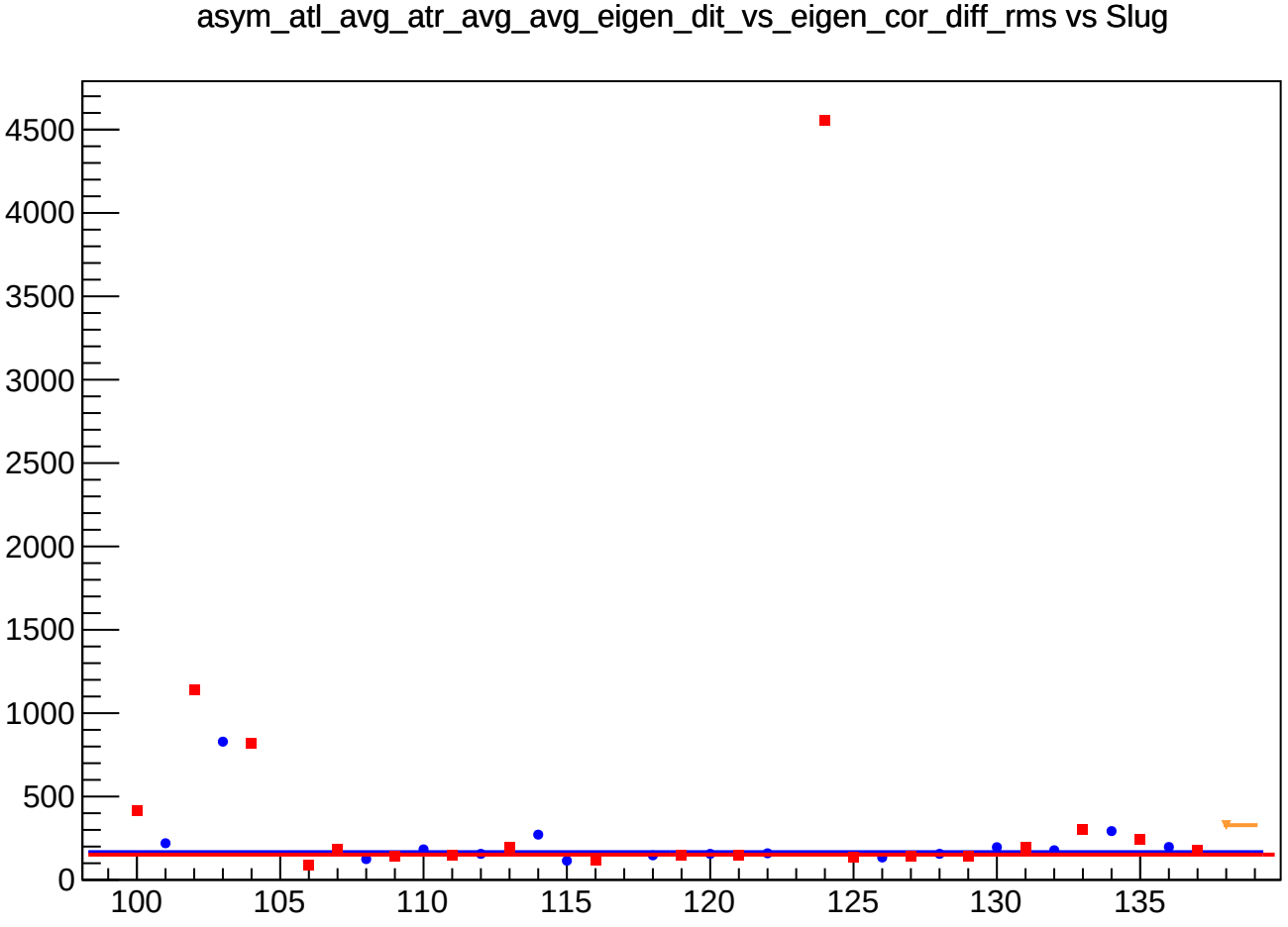
Right Out: -0.029+/-0.064 χ^2/NDF: 27.5/18

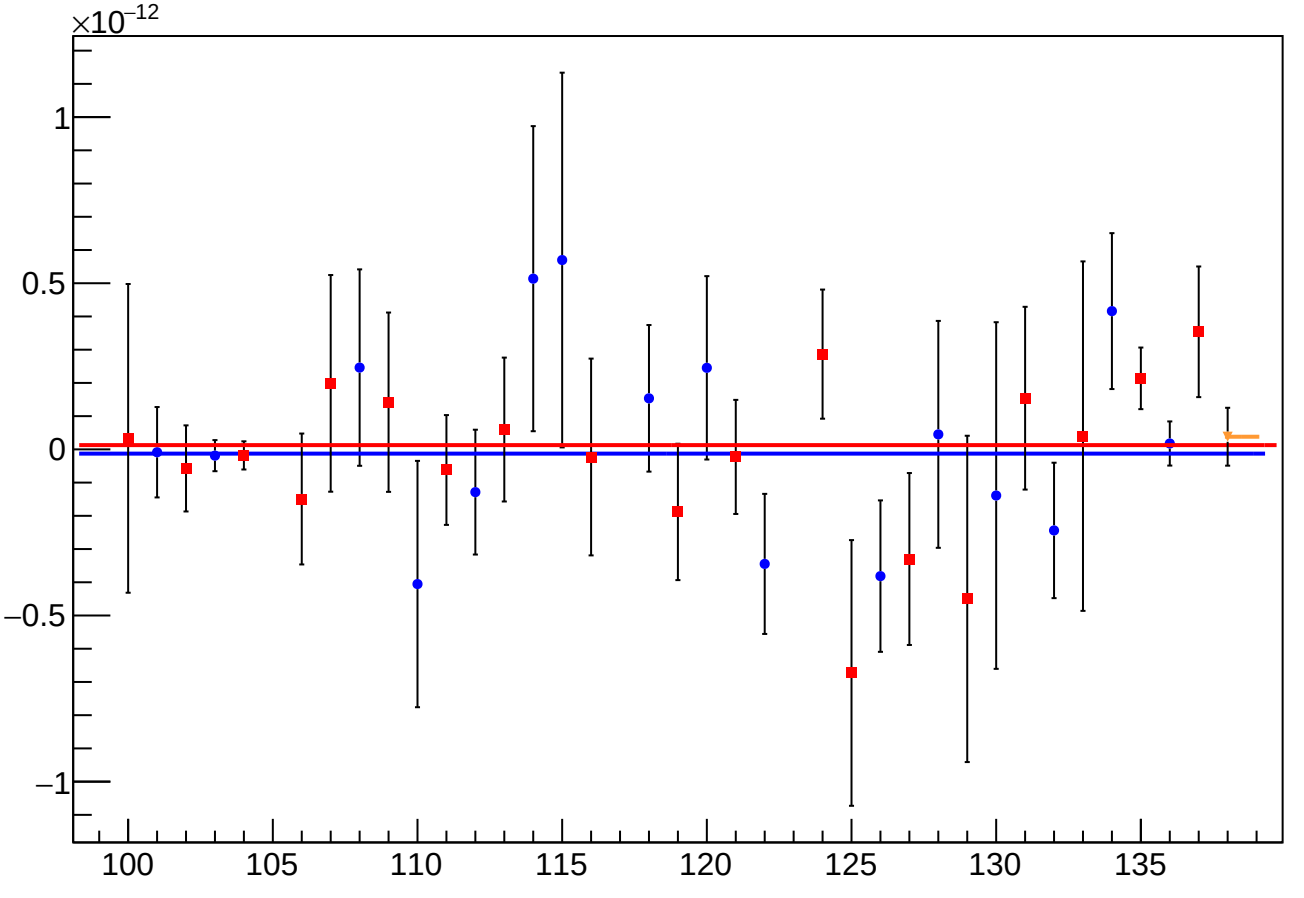
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.035+/-0.066 χ^2/NDF: 16.8/16

All: -0.032+/-0.046 χ^2/NDF: 44.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug
4500
4000
3500
3000
2500
2000
1500
1000
500
0
100
105
110
115
120
125
130
135
Right In: 166.359+/-0.047 χ²/NDF: 1282724.2/15
Left Out: 328.483+/-0.270 χ²/NDF:0.0/0
Right Out: 151.790+/-0.045 χ²/NDF: 2315641.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 171.152+/-0.046 χ²/NDF: 1631766.4/16
All: 161.216+/-0.032 χ²/NDF: 4036463.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

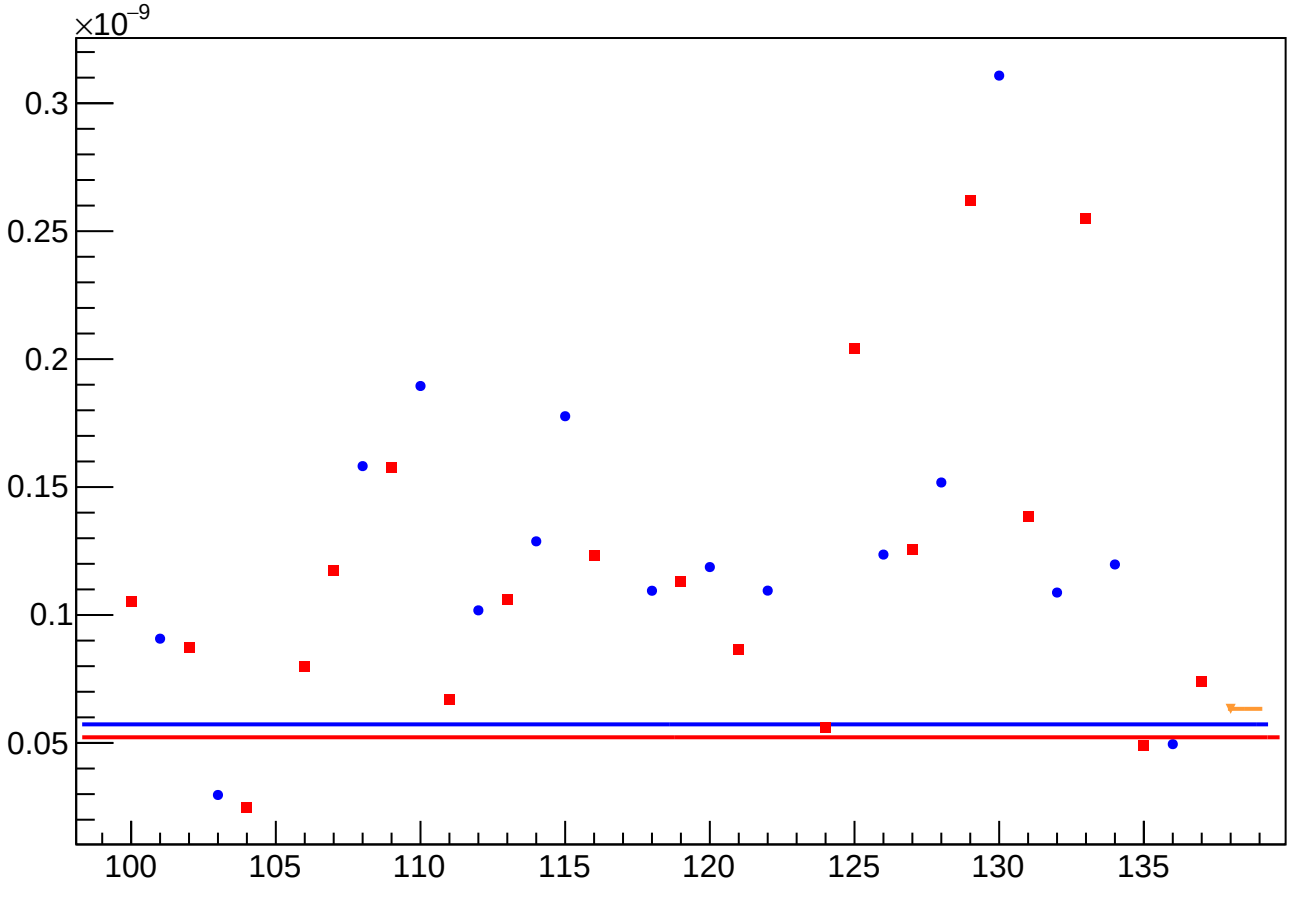
Right Out: 0.000+/-0.000 χ^2/NDF: 18.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.4/16

All: 0.000+/-0.000 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2983121.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3287828.4/18

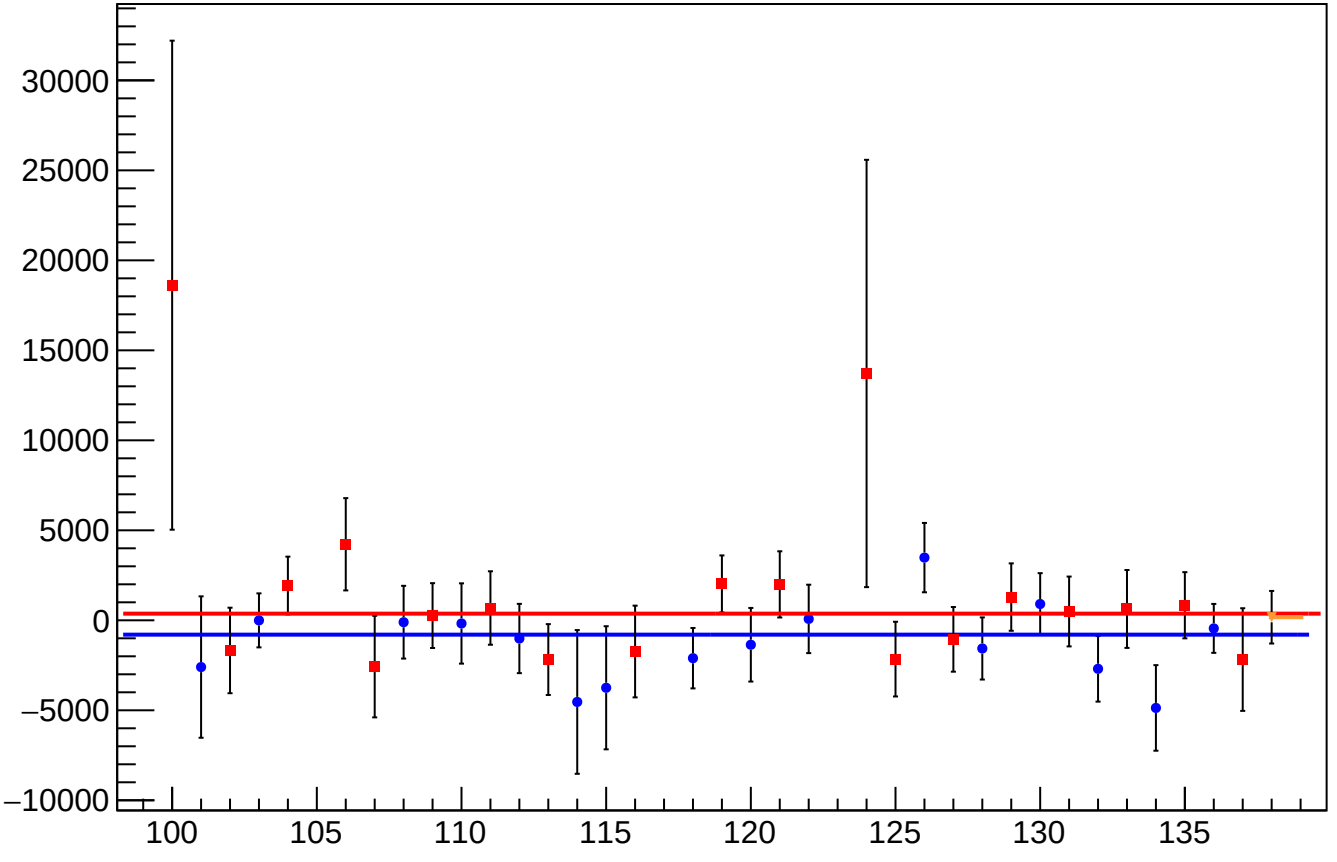
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2991612.1/16

All: 0.000+/-0.000 χ^2/NDF: 6314207.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -797.285+/-487.453 χ^2/NDF: 13.4/15

Left Out: 171.145+/-1460.797 χ^2/NDF:0.0/0

Right Out: 370.010+/-485.826 χ^2/NDF: 15.6/18

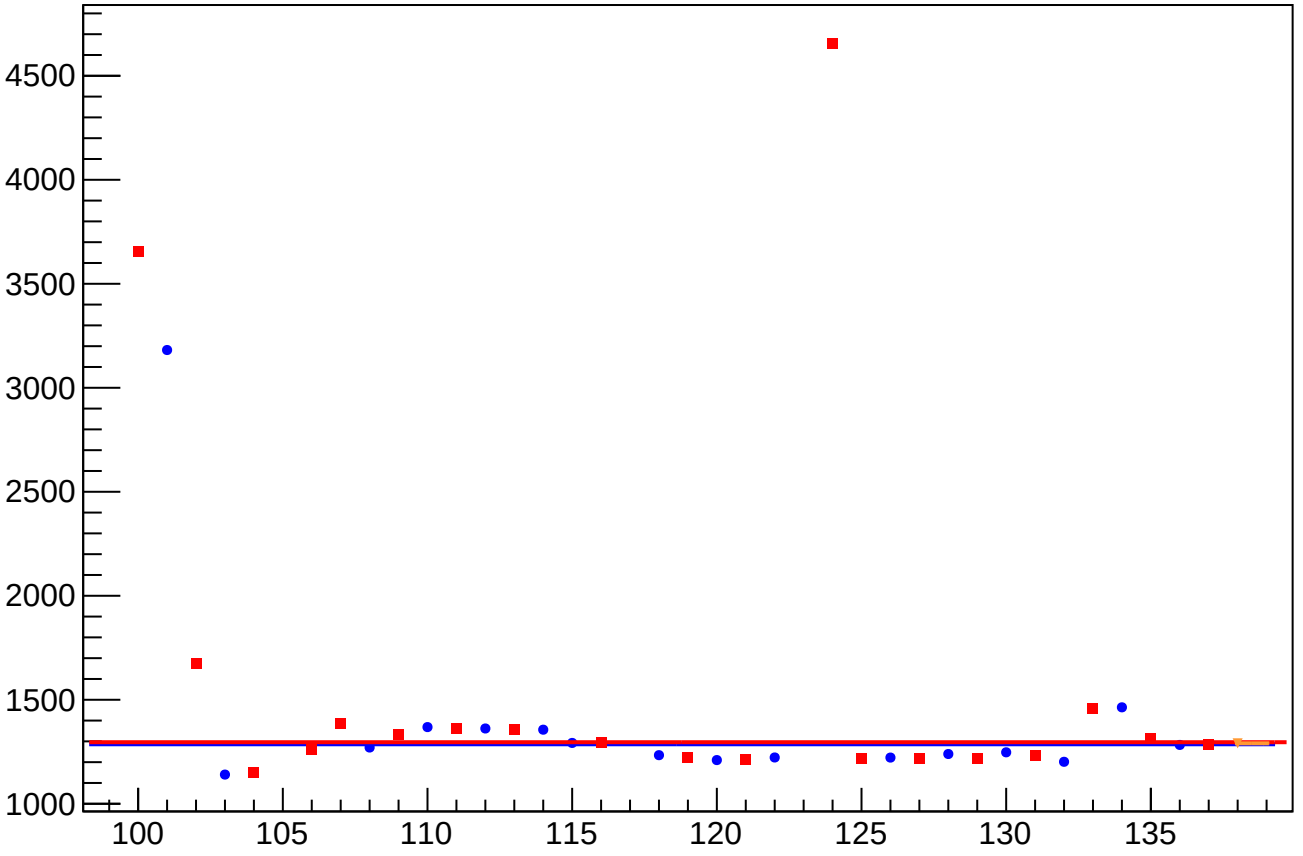
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -700.255+/-462.389 χ^2/NDF: 13.8/16

All: -191.559+/-334.938 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1286.097+/-0.345 χ^2/NDF: 518126.9/15

Left Out: 1290.464+/-1.033 χ^2/NDF:0.0/0

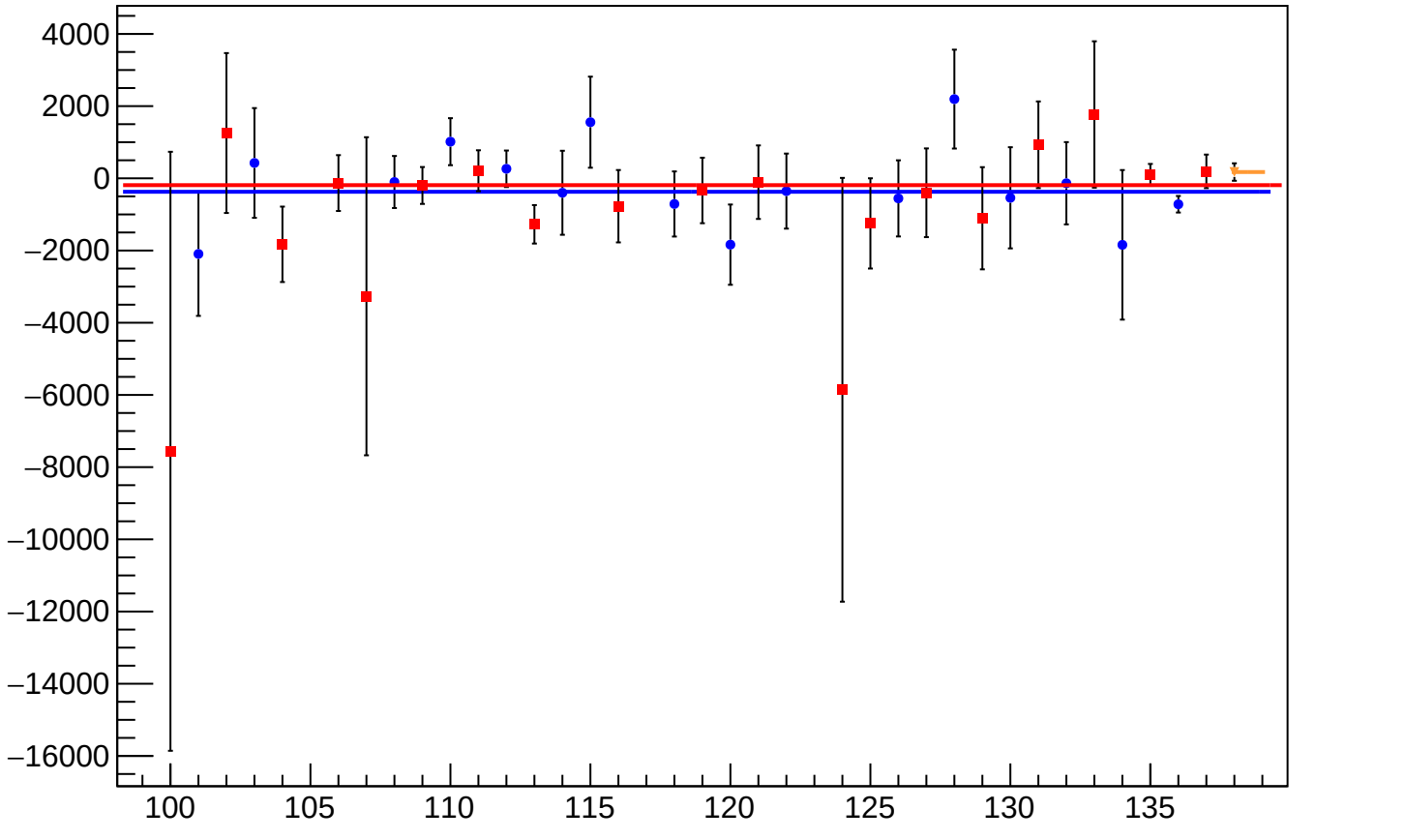
Right Out: 1295.943+/-0.344 χ^2/NDF: 328069.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1286.535+/-0.327 χ^2/NDF: 518143.0/16

All: 1291.006+/-0.237 χ^2/NDF: 846606.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -372.325+/-168.204 χ^2/NDF: 18.2/15

Left Out: 174.330+/-241.502 χ^2/NDF:0.0/0

Right Out: -188.945+/-169.575 χ^2/NDF: 14.6/18

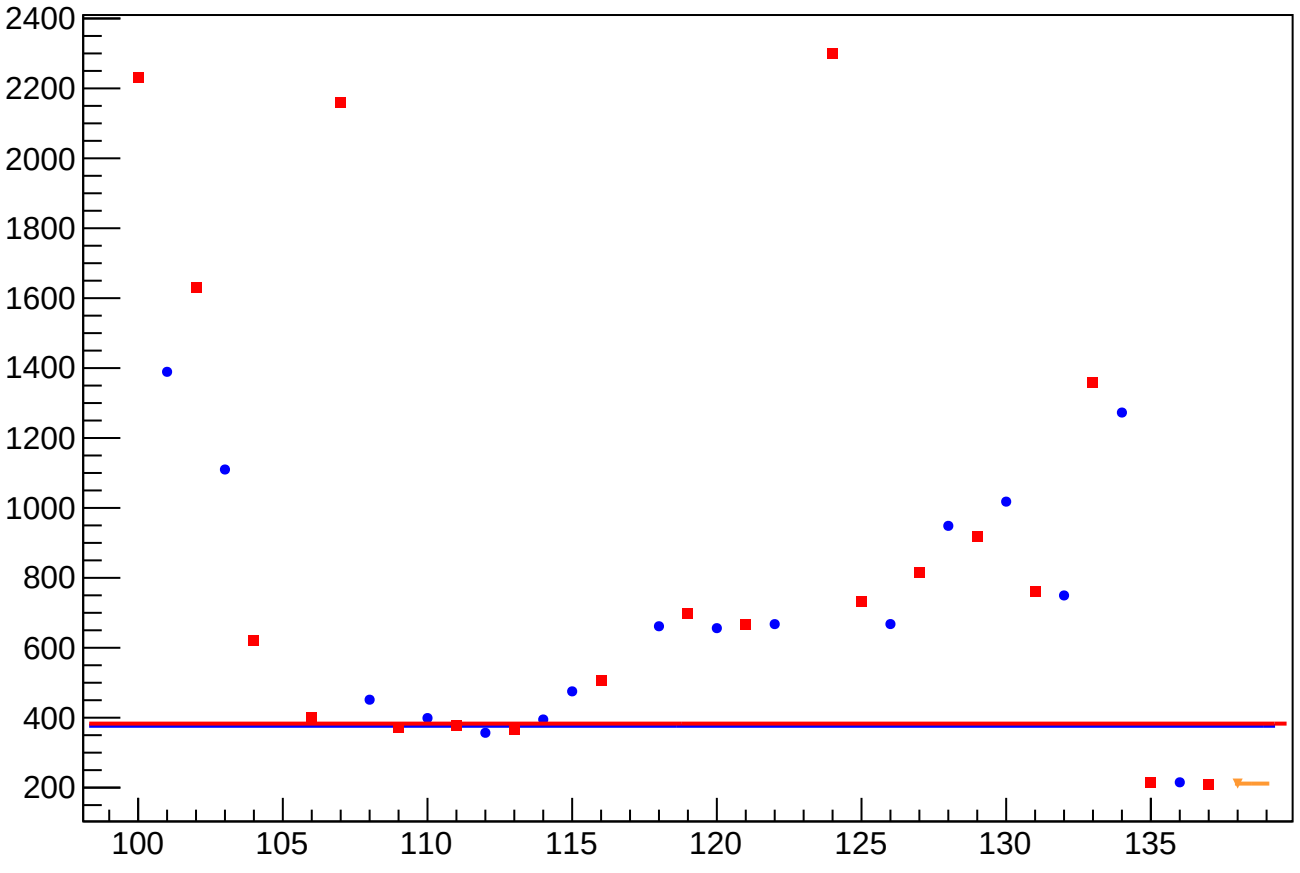
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -193.764+/-138.025 χ^2/NDF: 21.6/16

All: -191.843+/-107.047 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 376.893+/-0.119 χ^2/NDF: 4190194.7/15

Left Out: 211.514+/-0.171 χ^2/NDF:0.0/0

Right Out: 383.074+/-0.120 χ^2/NDF: 4054121.5/18

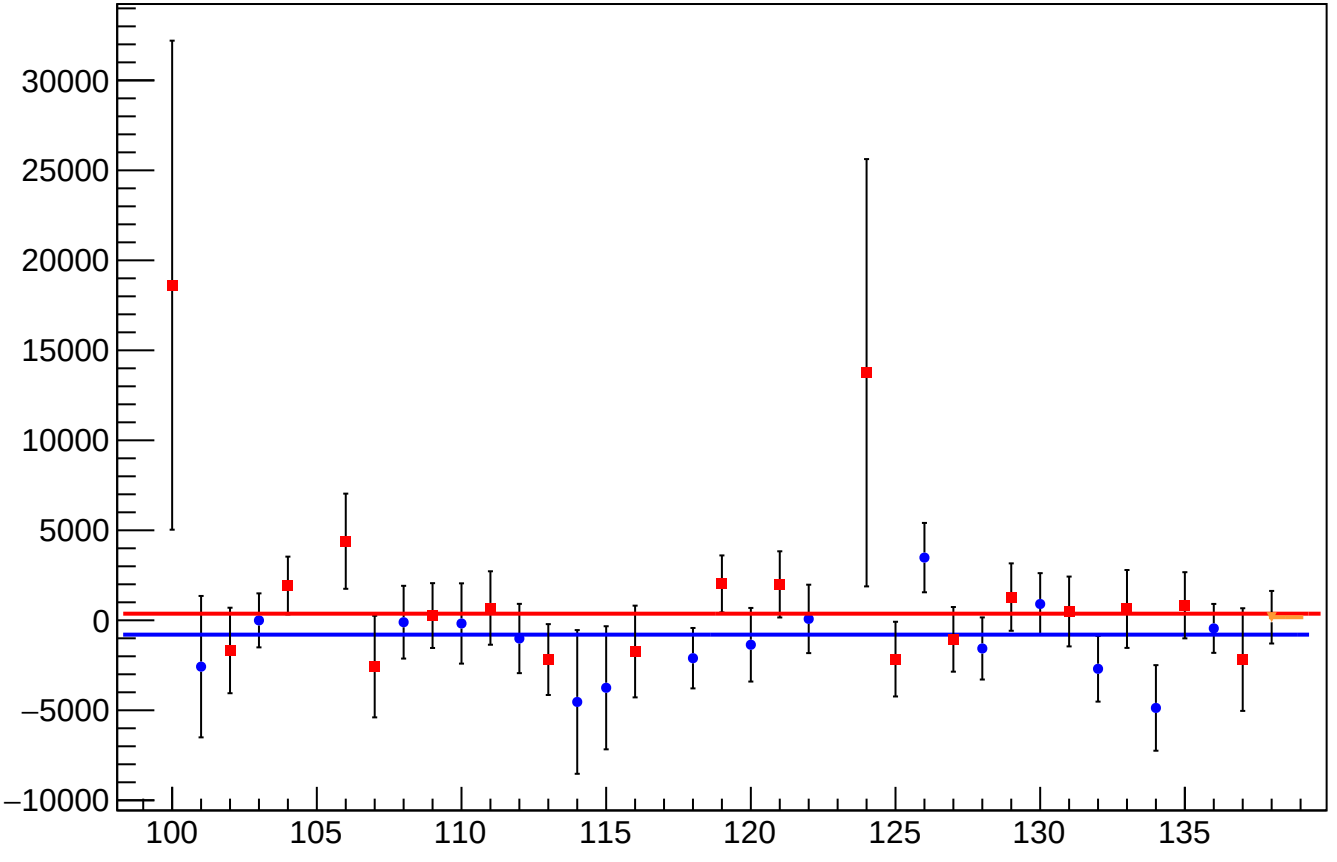
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.873+/-0.098 χ^2/NDF: 4821718.6/16

All: 346.863+/-0.076 χ^2/NDF: 9027457.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -796.883+/-487.454 χ^2/NDF: 13.4/15

Left Out: 171.178+/-1460.797 χ^2/NDF:0.0/0

Right Out: 367.476+/-486.348 χ^2/NDF: 15.7/18

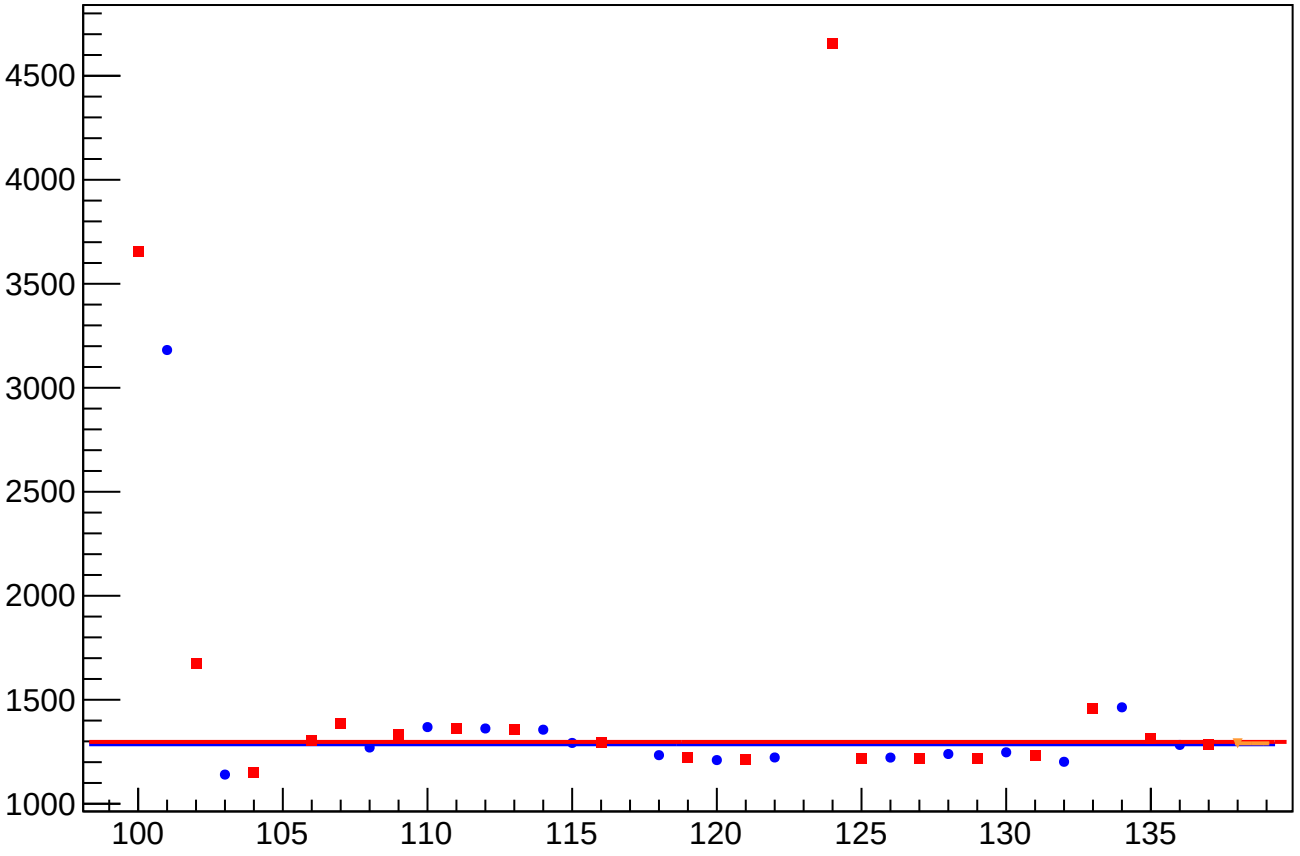
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -699.890+/-462.390 χ^2/NDF: 13.8/16

All: -193.145+/-335.109 χ^2/NDF: 32.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1286.097+/-0.345 χ^2/NDF: 518128.4/15

Left Out: 1290.464+/-1.033 χ^2/NDF:0.0/0

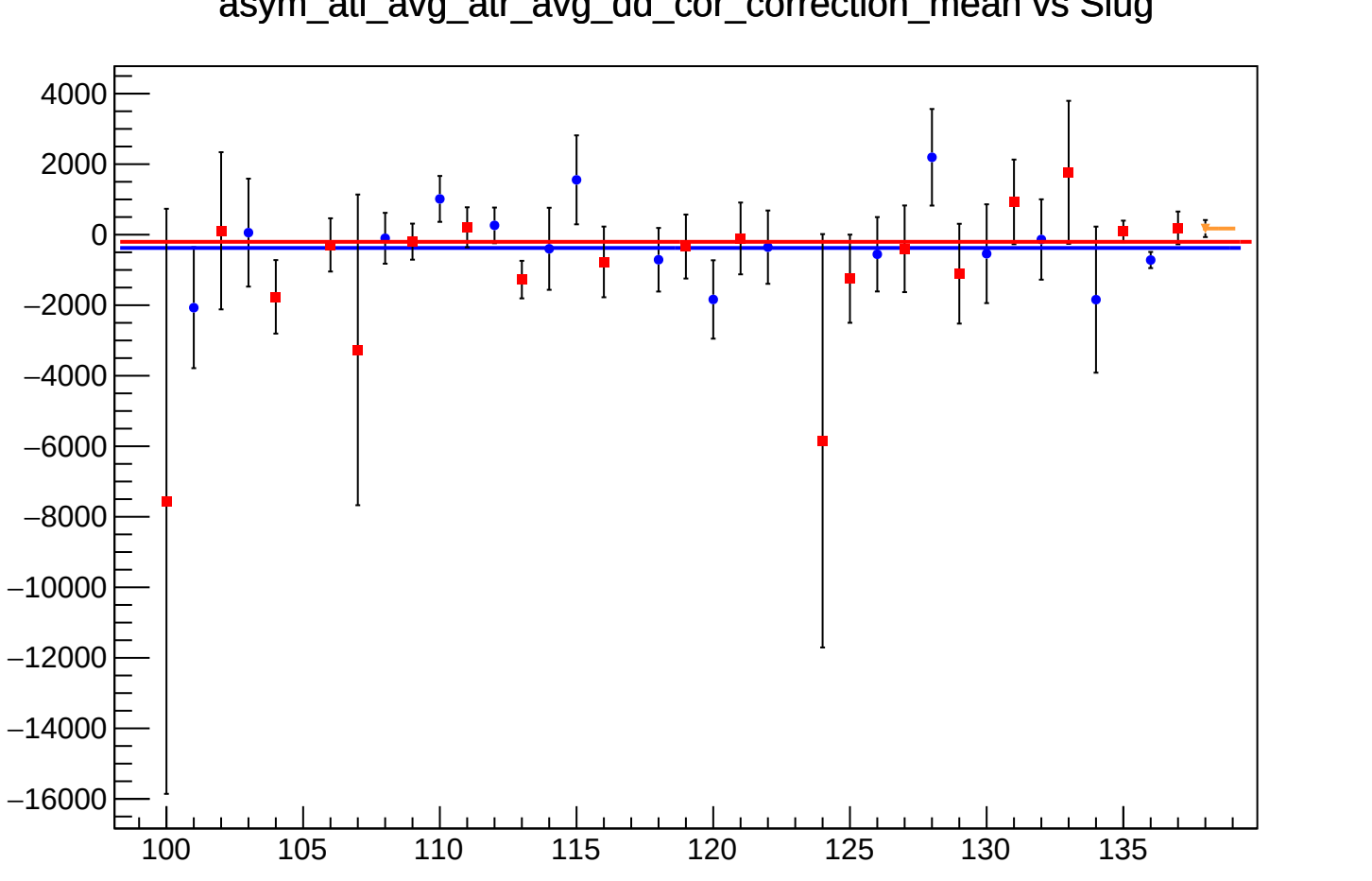
Right Out: 1297.394+/-0.344 χ^2/NDF: 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1286.534+/-0.327 χ^2/NDF: 518144.5/16

All: 1291.690+/-0.237 χ^2/NDF: 846409.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -376.771+/-168.223 χ^2/NDF: 17.9/15

Left Out: 174.455+/-241.508 χ^2/NDF:0.0/0

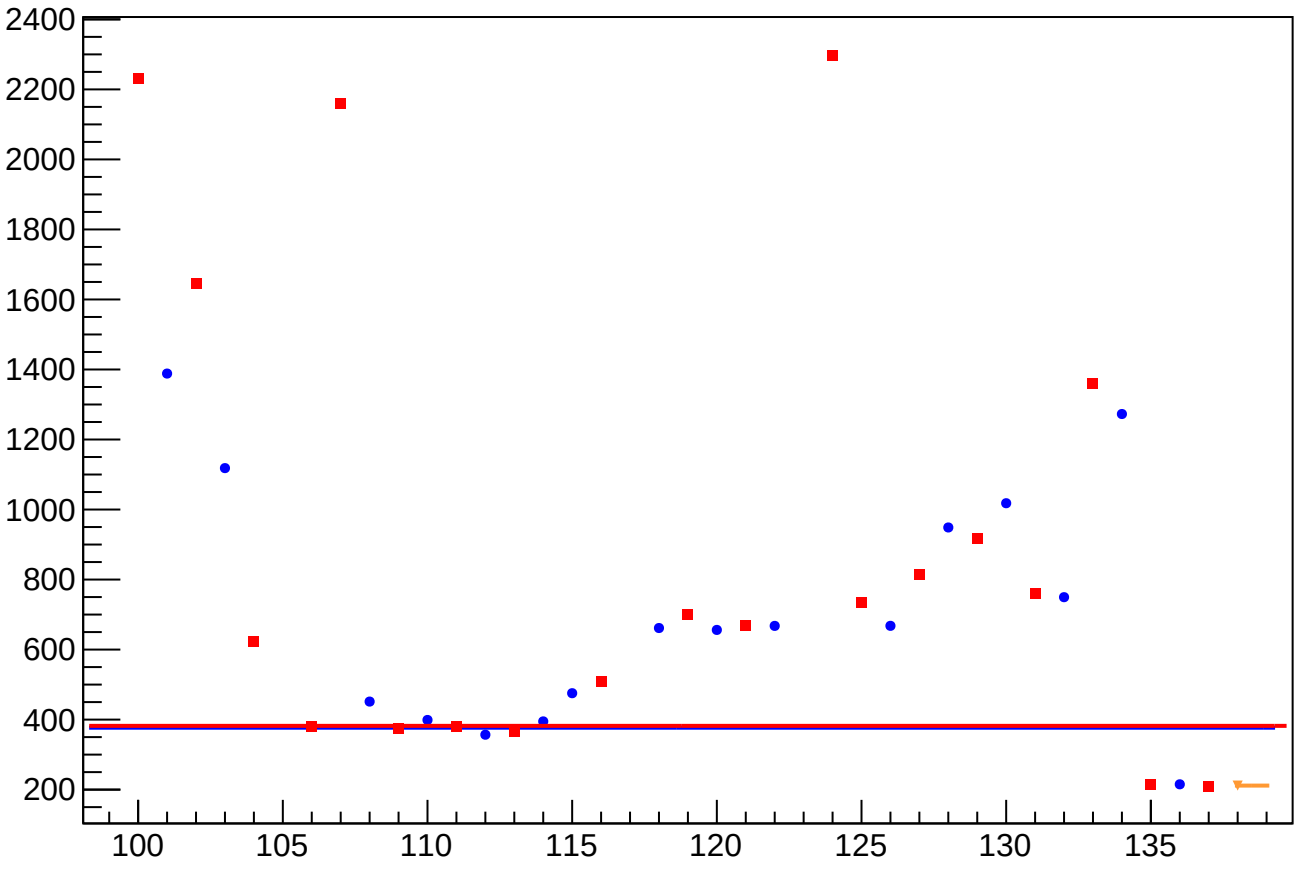
Right Out: -202.144+/-169.377 χ^2/NDF: 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -196.694+/-138.037 χ^2/NDF: 21.4/16

All: -198.869+/-107.003 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 376.884+/-0.119 χ^2/NDF: 4193328.0/15

Left Out: 211.521+/-0.171 χ^2/NDF:0.0/0

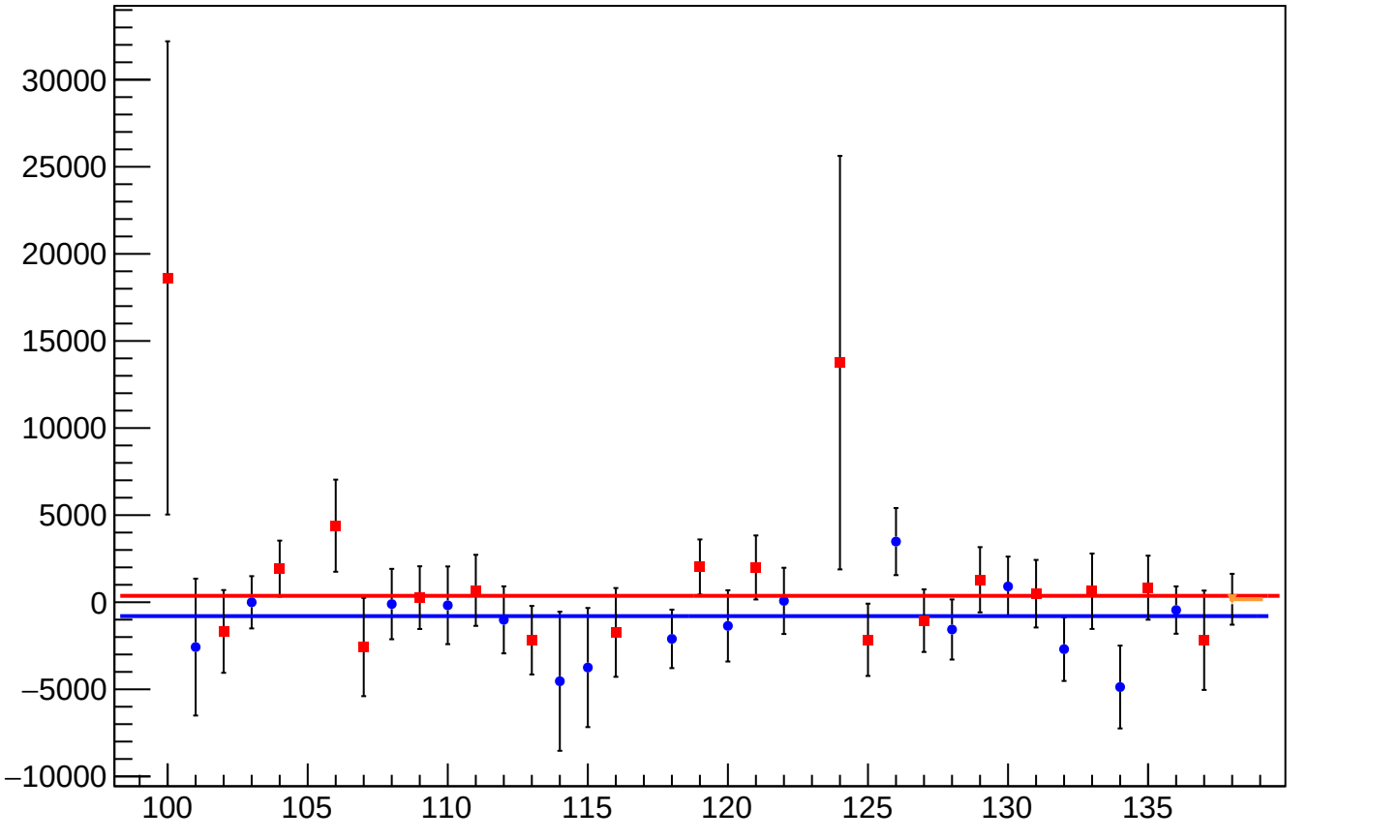
Right Out: 382.136+/-0.120 χ^2/NDF: 4059600.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.862+/-0.098 χ^2/NDF: 4824670.4/16

All: 346.518+/-0.076 χ^2/NDF: 9031450.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -796.883+/-487.454 χ^2/NDF: 13.4/15

Left Out: 171.178+/-1460.797 χ^2/NDF:0.0/0

Right Out: 367.476+/-486.348 χ^2/NDF: 15.7/18

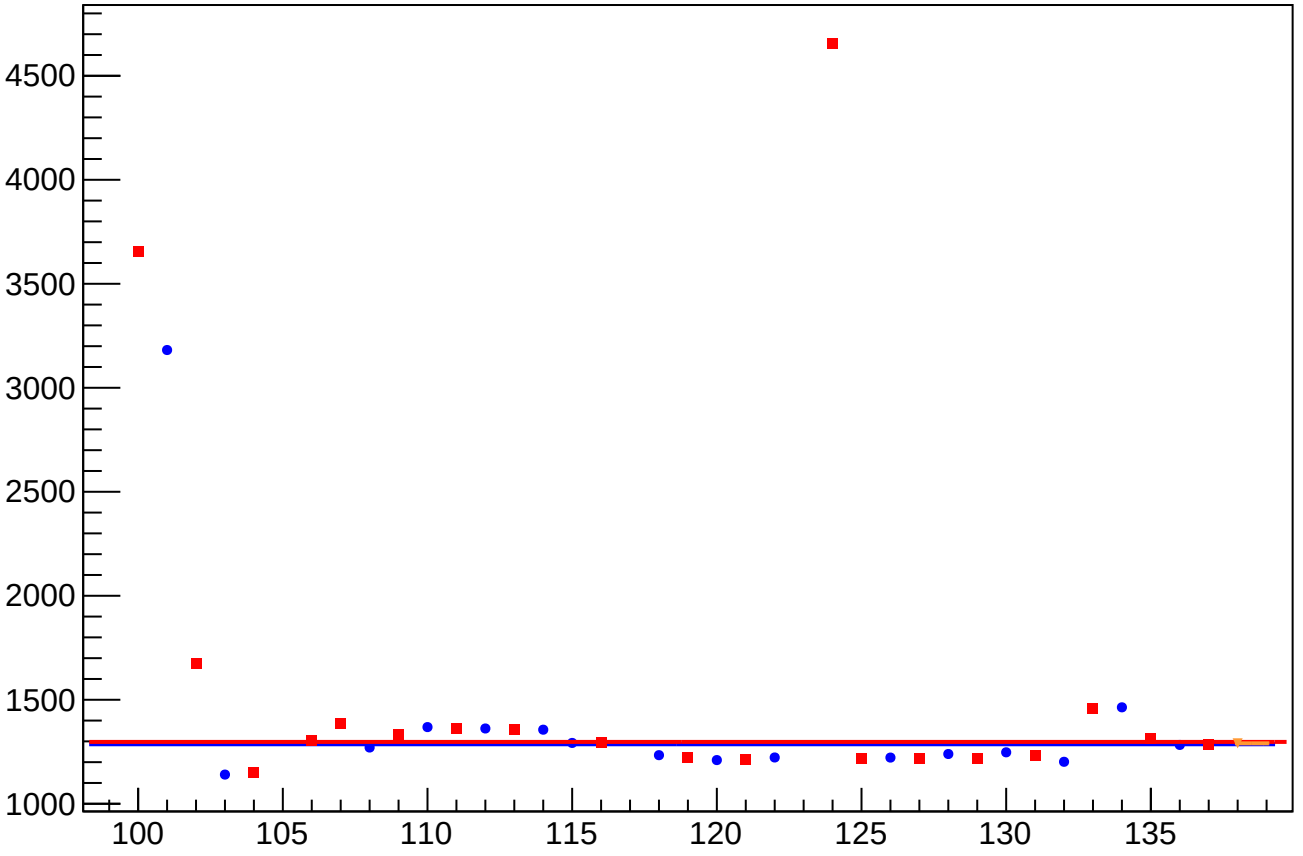
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -699.890+/-462.390 χ^2/NDF: 13.8/16

All: -193.145+/-335.109 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1286.097+/-0.345 χ^2/NDF: 518128.4/15

Left Out: 1290.464+/-1.033 χ^2/NDF:0.0/0

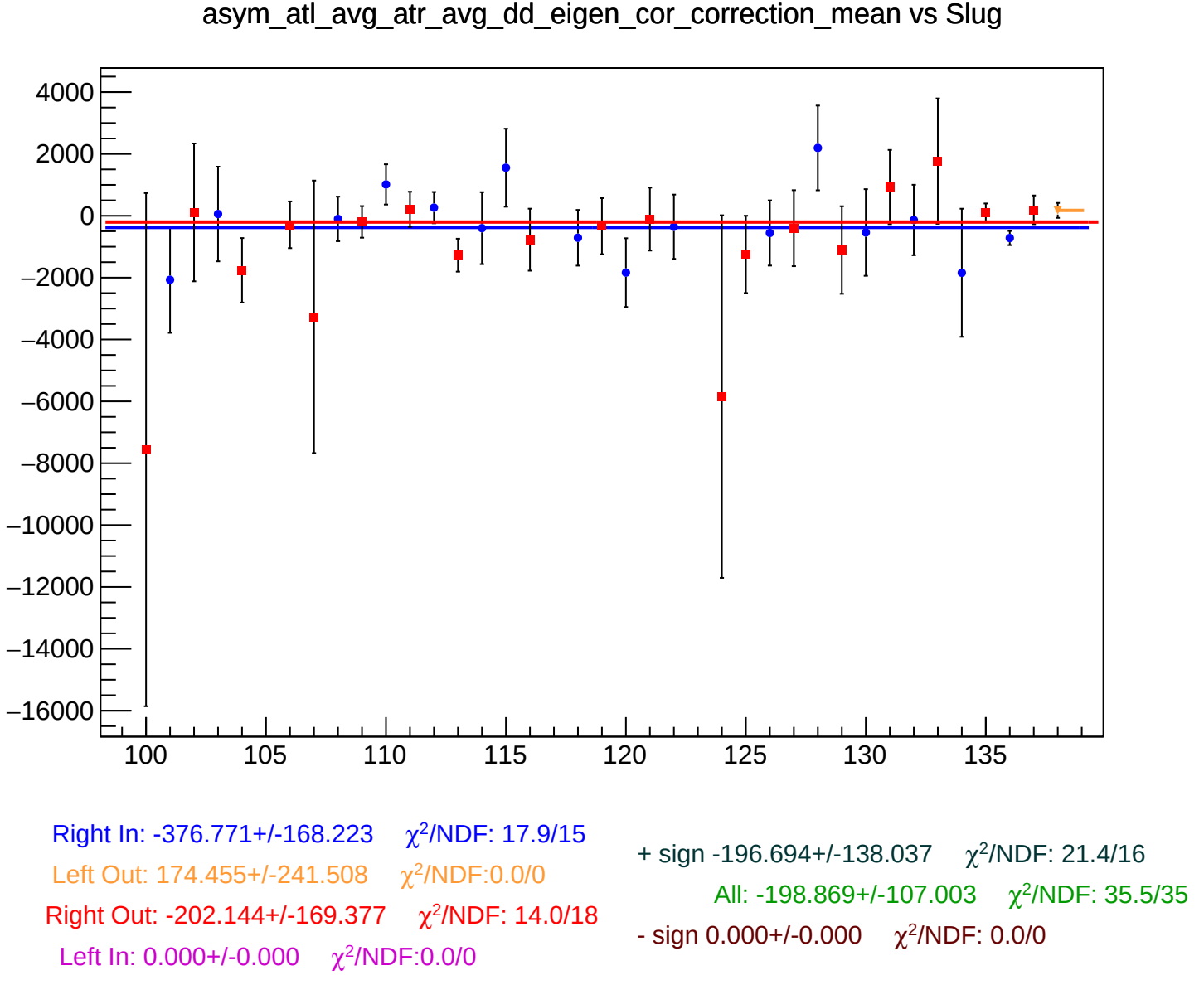
Right Out: 1297.394+/-0.344 χ^2/NDF: 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1286.534+/-0.327 χ^2/NDF: 518144.5/16

All: 1291.690+/-0.237 χ^2/NDF: 846409.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug
4000
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−2000
−4000
−6000
−8000
−10000
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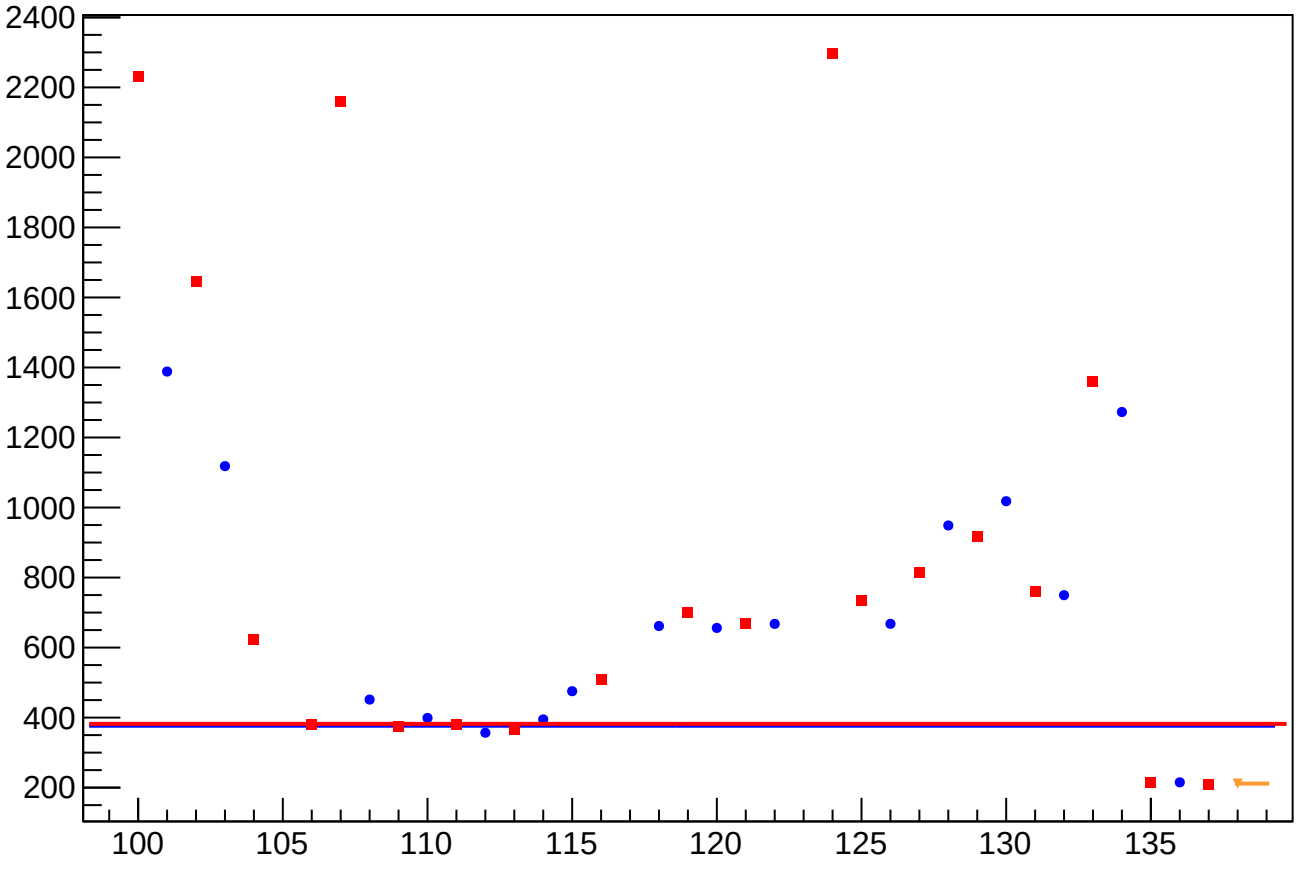
−14000
−16000
100
105
110
115
120
125
130
135
Right In: -376.771+/-168.223 χ²/NDF: 17.9/15
Left Out: 174.455+/-241.508 χ²/NDF:0.0/0
Right Out: -202.144+/-169.377 χ²/NDF: 14.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -196.694+/-138.037 χ²/NDF: 21.4/16
All: -198.869+/-107.003 χ²/NDF: 35.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 376.884+/-0.119 χ^2/NDF: 4193328.0/15

Left Out: 211.521+/-0.171 χ^2/NDF:0.0/0

Right Out: 382.136+/-0.120 χ^2/NDF: 4059600.2/18

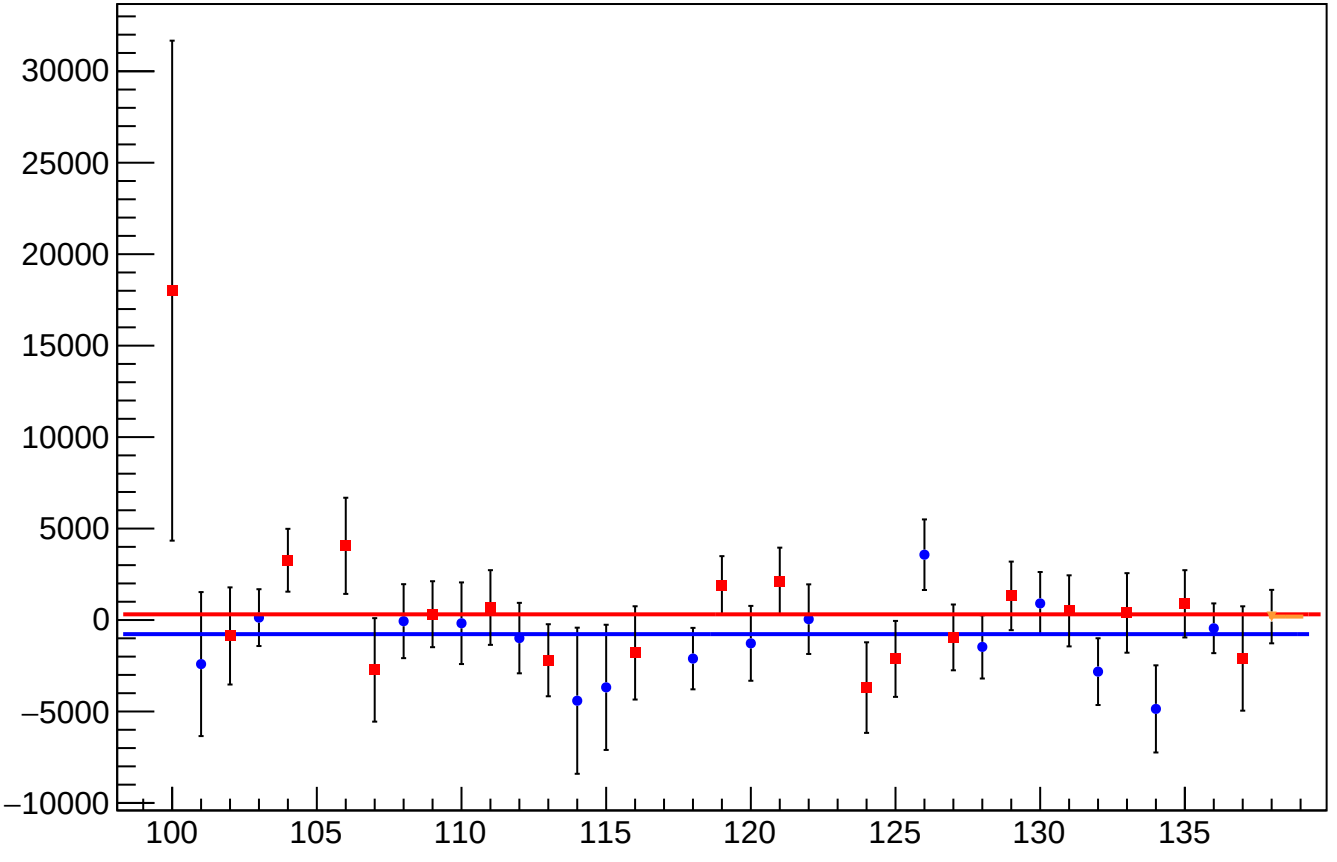
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.862+/-0.098 χ^2/NDF: 4824670.4/16

All: 346.518+/-0.076 χ^2/NDF: 9031450.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.499+/-489.602 χ^2/NDF: 13.6/15

Left Out: 187.491+/-1461.257 χ^2/NDF:0.0/0

Right Out: 311.418+/-482.642 χ^2/NDF: 17.9/18

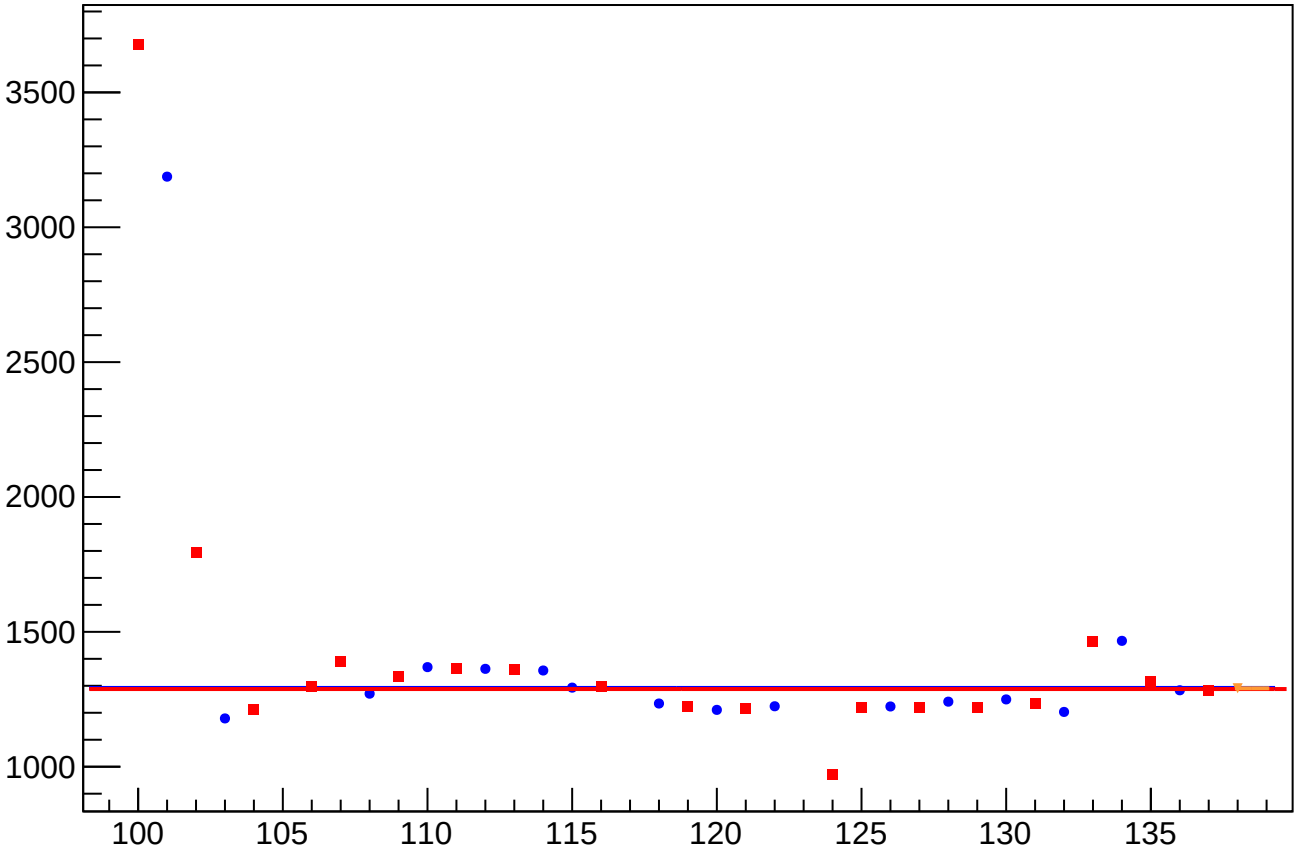
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -674.707+/-464.237 χ^2/NDF: 14.0/16

All: -200.805+/-334.583 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1292.038+/-0.346 χ^2/NDF: 509406.3/15

Left Out: 1290.870+/-1.033 χ^2/NDF:0.0/0

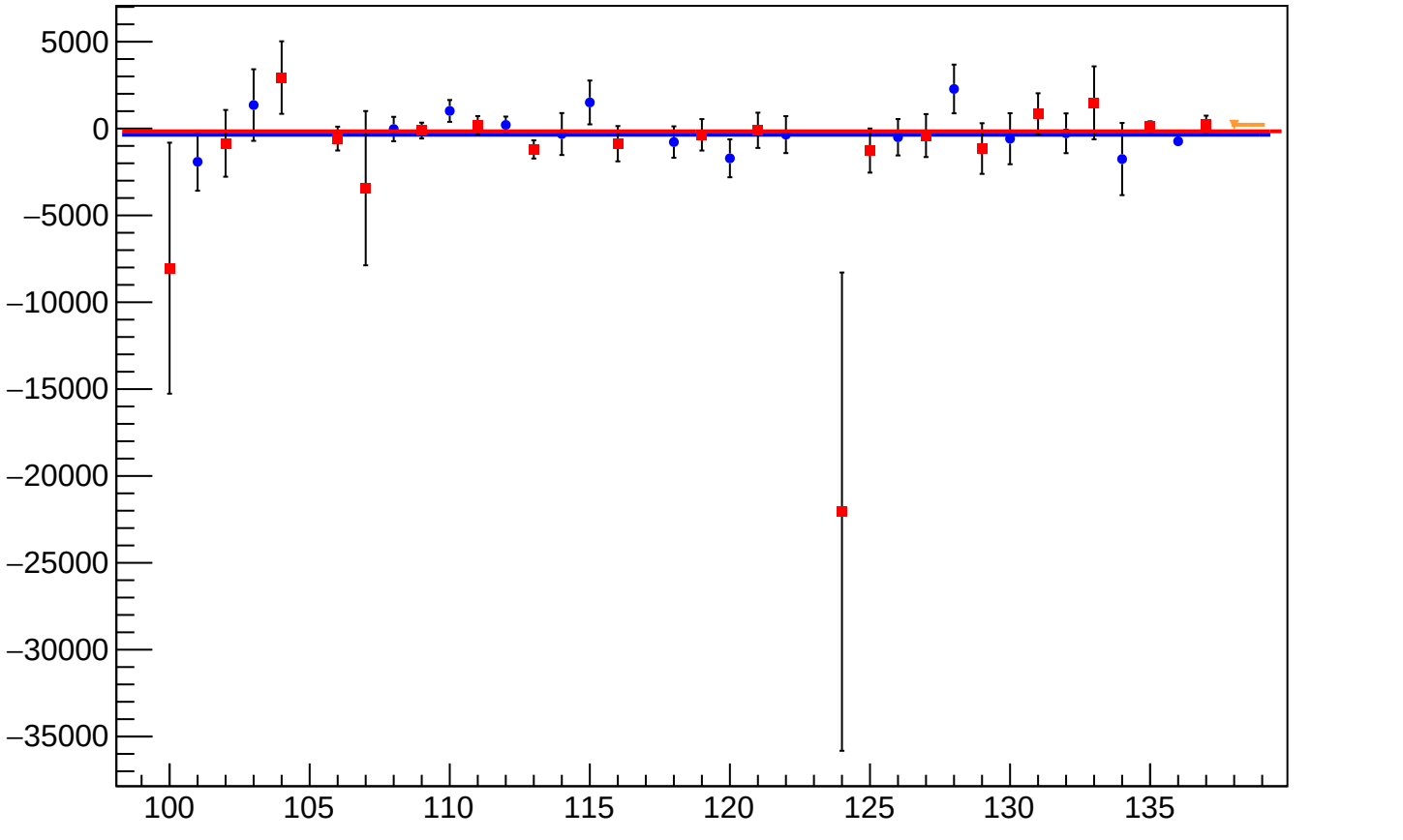
Right Out: 1287.988+/-0.341 χ^2/NDF: 209208.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1291.920+/-0.328 χ^2/NDF: 509407.4/16

All: 1290.031+/-0.237 χ^2/NDF: 718685.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -355.226+/-169.971 χ^2/NDF: 18.4/15

Left Out: 218.216+/-243.635 χ^2/NDF:0.0/0

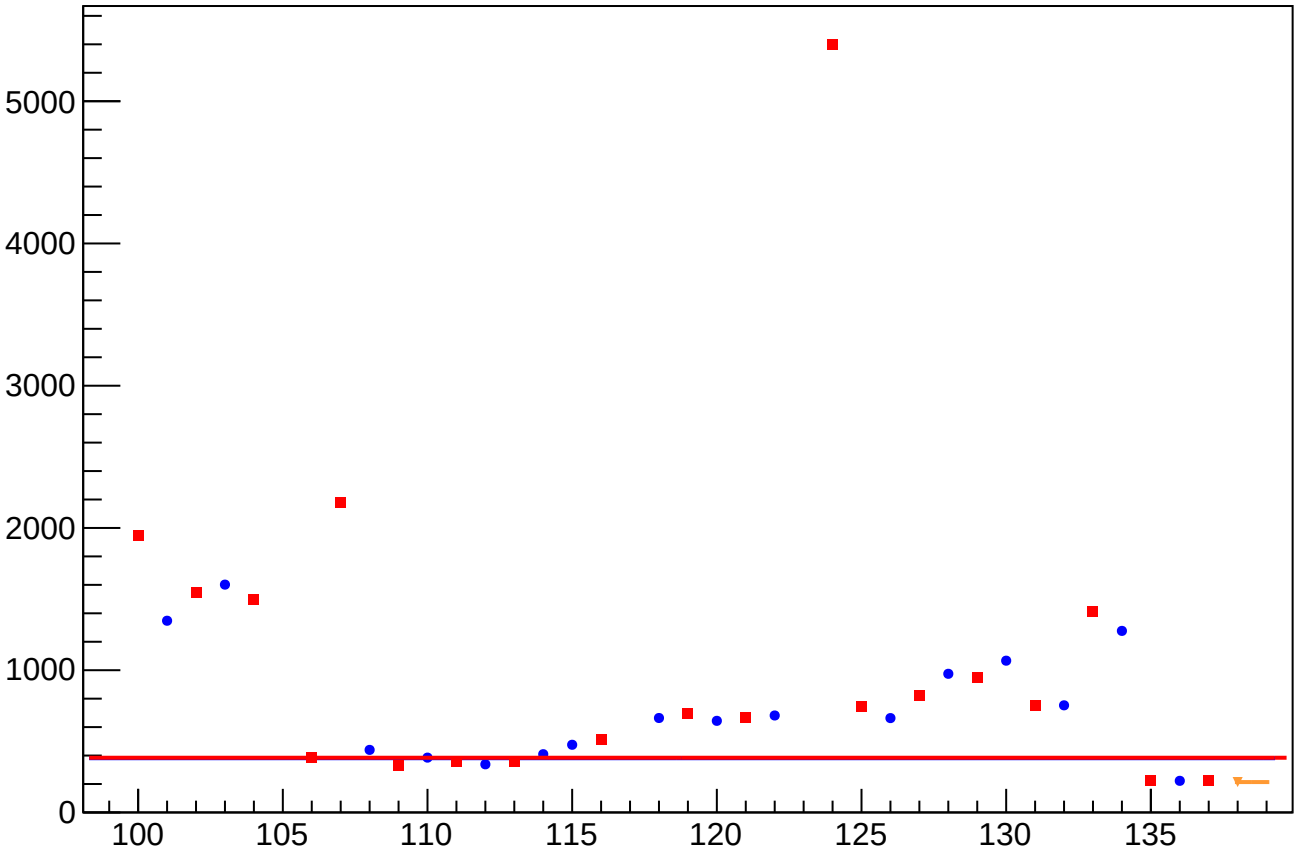
Right Out: -157.924+/-169.665 χ^2/NDF: 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -167.497+/-139.399 χ^2/NDF: 22.2/16

All: -163.639+/-107.708 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 381.349+/-0.120 χ^2/NDF: 4317922.6/15

Left Out: 213.624+/-0.172 χ^2/NDF:0.0/0

Right Out: 384.651+/-0.120 χ^2/NDF: 4560208.6/18

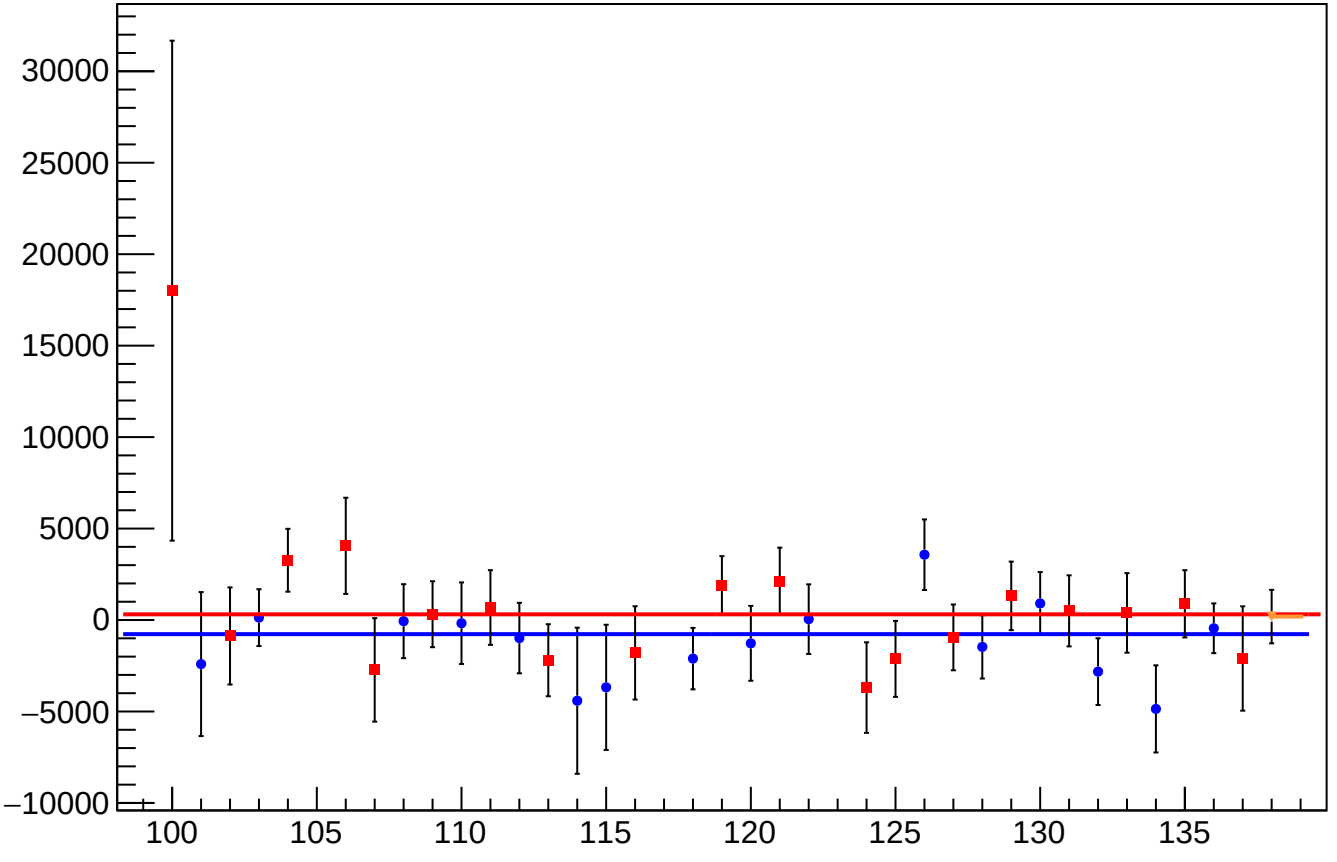
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 326.441+/-0.099 χ^2/NDF: 4955481.5/16

All: 349.900+/-0.076 χ^2/NDF: 9656234.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.501+/-489.602 χ^2/NDF: 13.6/15

Left Out: 187.510+/-1461.257 χ^2/NDF:0.0/0

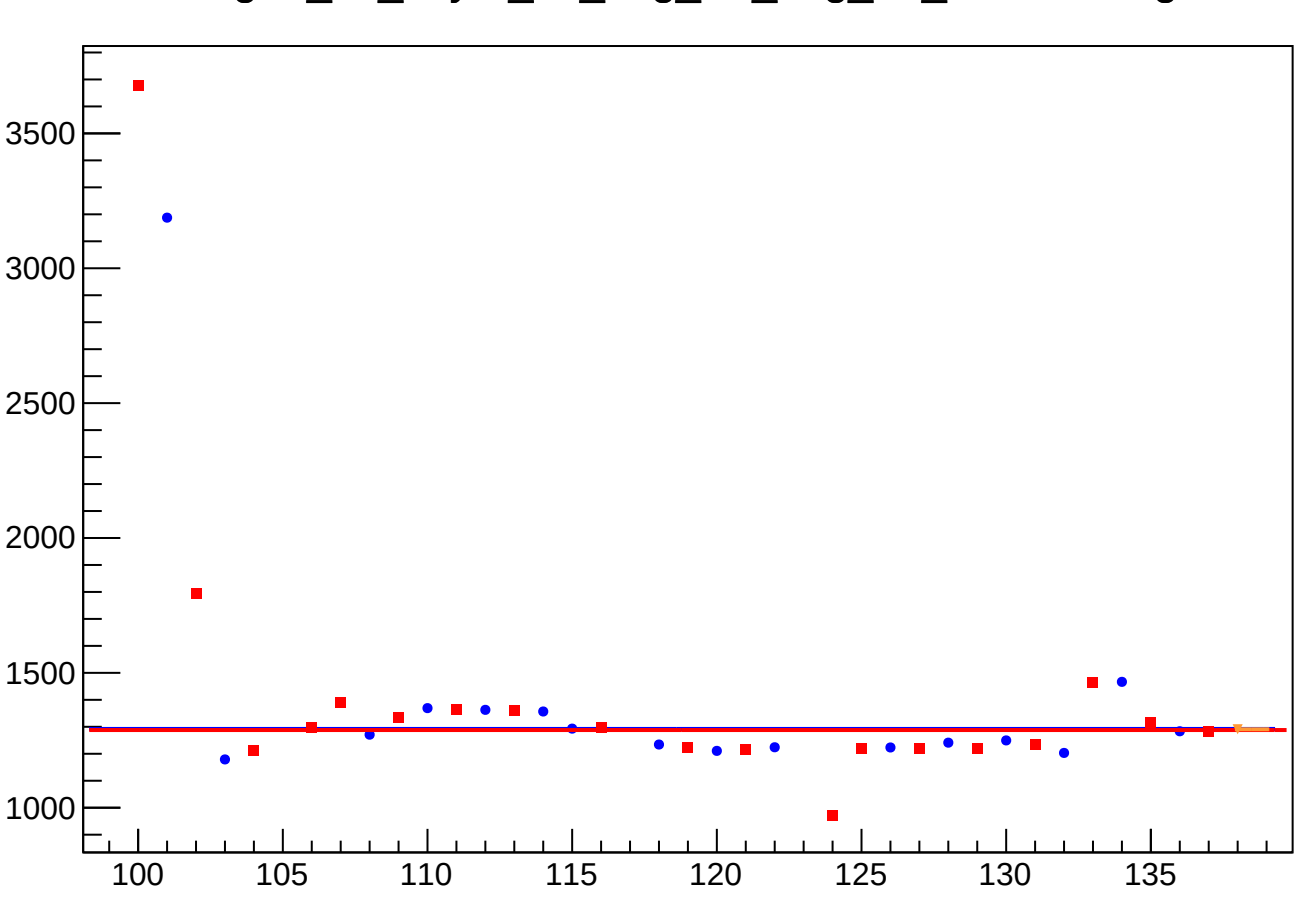
Right Out: 311.419+/-482.642 χ^2/NDF: 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -674.707+/-464.237 χ^2/NDF: 14.0/16

All: -200.804+/-334.583 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1292.038+/-0.346 χ^2/NDF: 509406.2/15

Left Out: 1290.870+/-1.033 χ^2/NDF:0.0/0

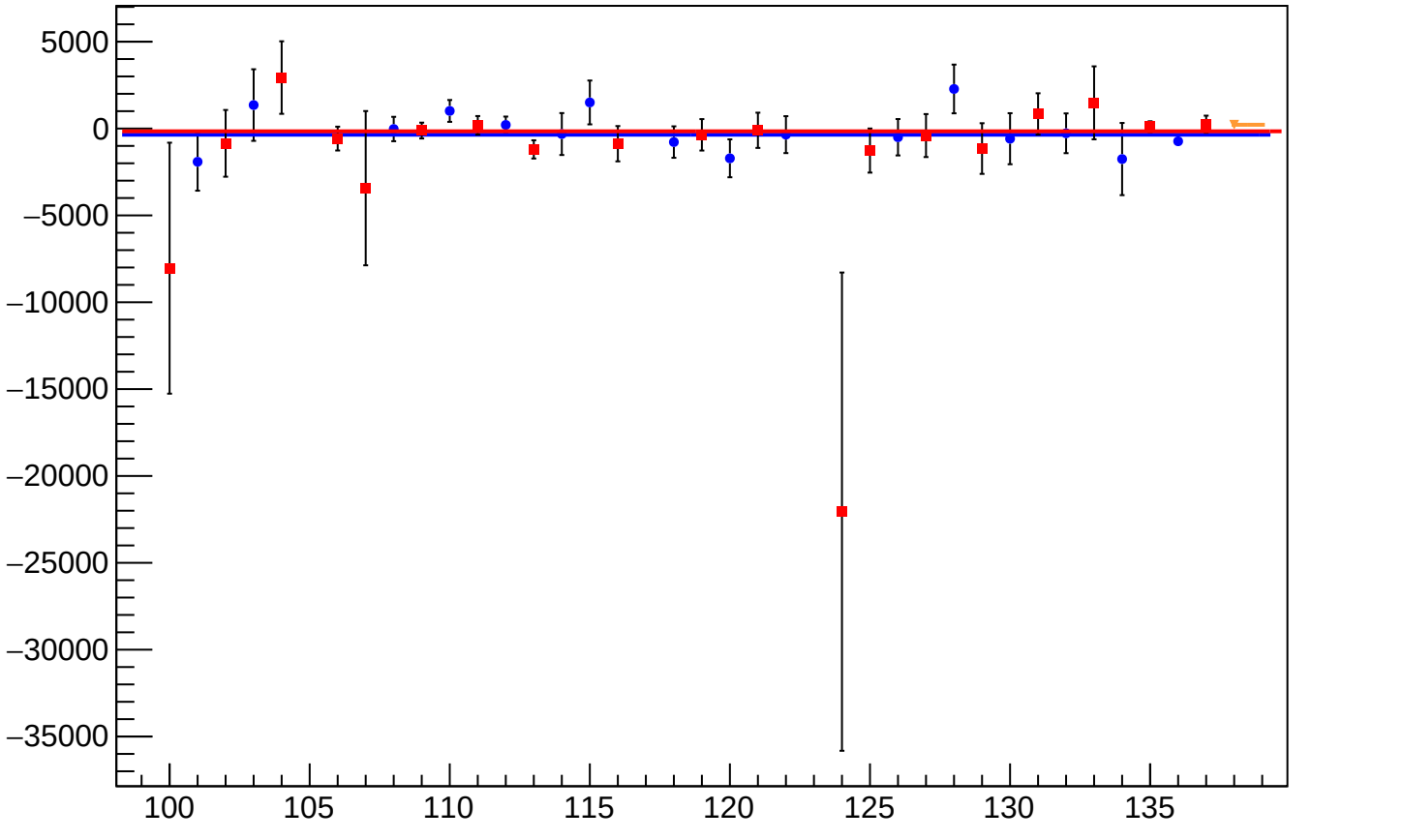
Right Out: 1287.988+/-0.341 χ^2/NDF: 209209.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1291.920+/-0.328 χ^2/NDF: 509407.4/16

All: 1290.031+/-0.237 χ^2/NDF: 718685.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -355.226+/-169.973 χ^2/NDF: 18.4/15

Left Out: 218.233+/-243.650 χ^2/NDF:0.0/0

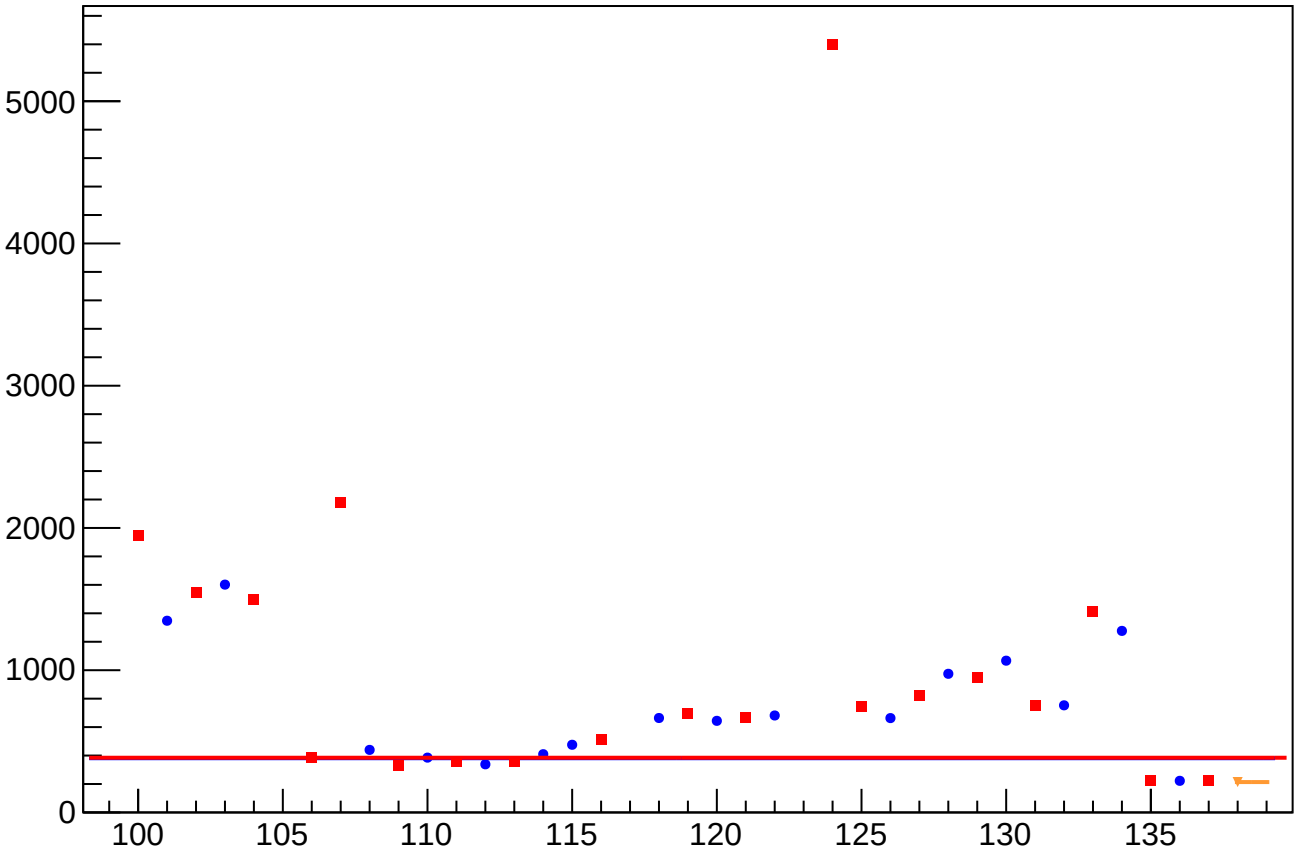
Right Out: -157.929+/-169.667 χ^2/NDF: 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -167.503+/-139.404 χ^2/NDF: 22.2/16

All: -163.645+/-107.710 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 381.359+/-0.120 χ^2/NDF: 4317737.3/15

Left Out: 213.637+/-0.172 χ^2/NDF:0.0/0

Right Out: 384.658+/-0.120 χ^2/NDF: 4560068.3/18

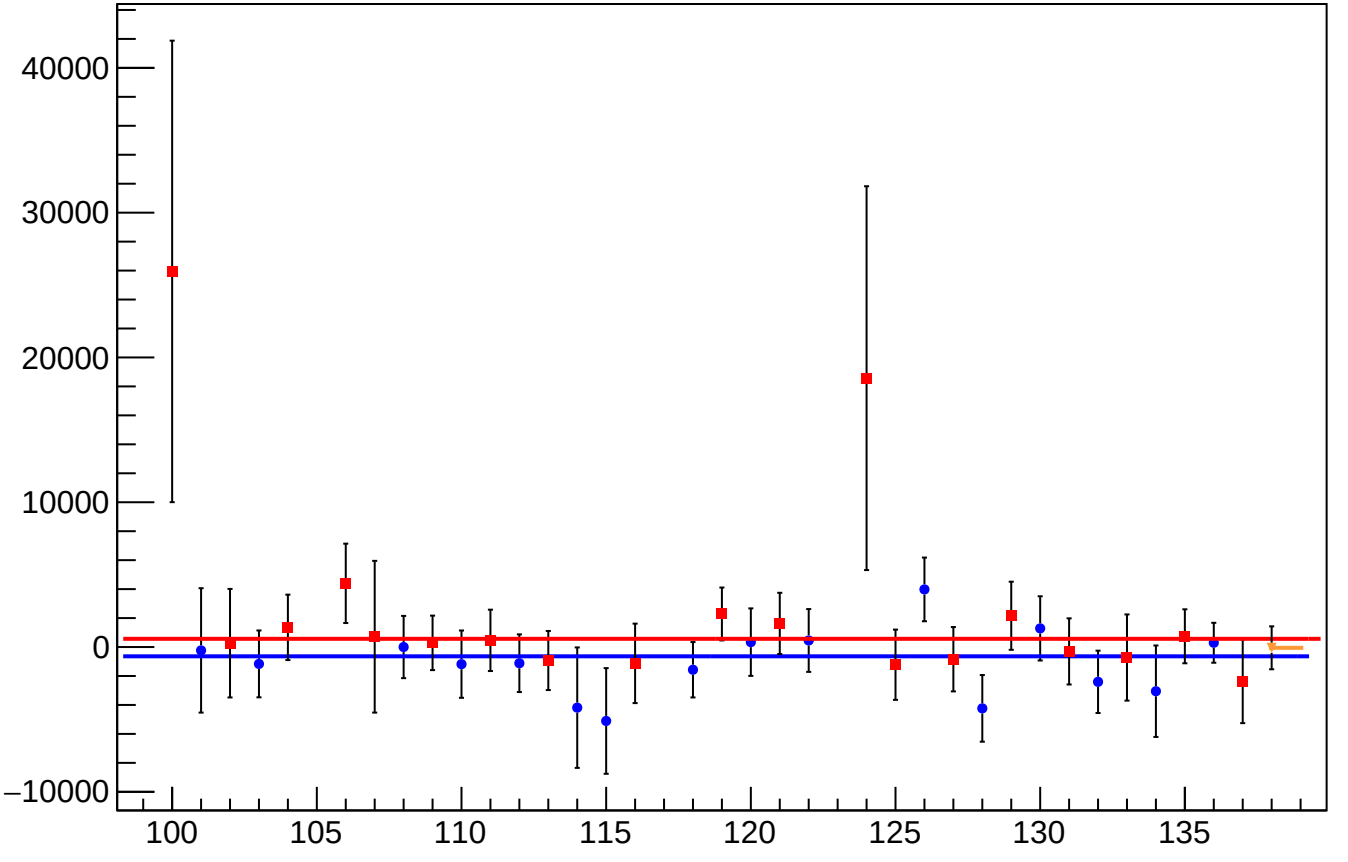
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 326.455+/-0.099 χ^2/NDF: 4955212.6/16

All: 349.912+/-0.076 χ^2/NDF: 9655788.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -640.824+/-564.366 χ^2/NDF: 12.5/15

Left Out: -53.980+/-1481.993 χ^2/NDF:0.0/0

Right Out: 567.254+/-566.774 χ^2/NDF: 11.3/18

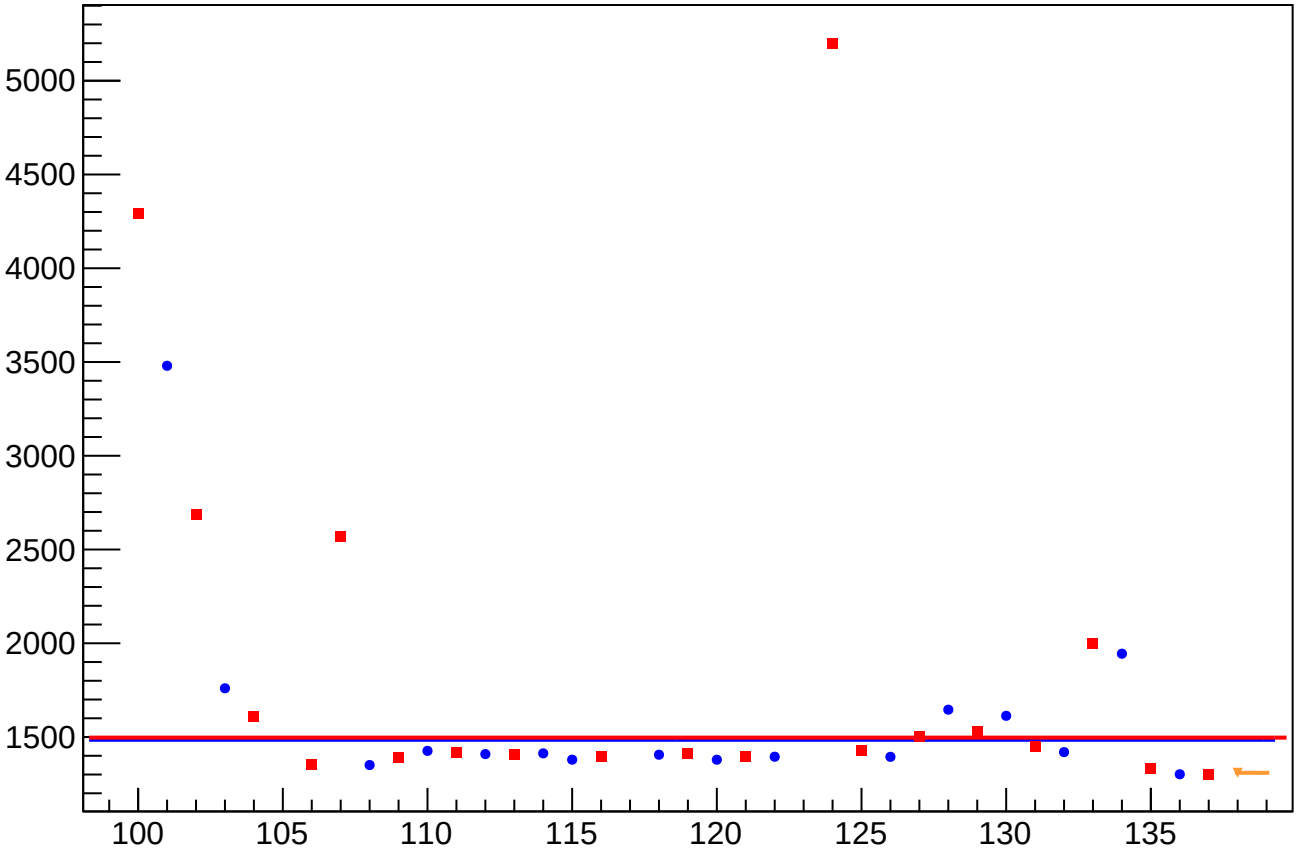
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -566.498+/-527.417 χ^2/NDF: 12.6/16

All: -40.350+/-386.105 χ^2/NDF: 26.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1485.370+/-0.399 χ^2/NDF: 584470.1/15

Left Out: 1309.196+/-1.048 χ^2/NDF:0.0/0

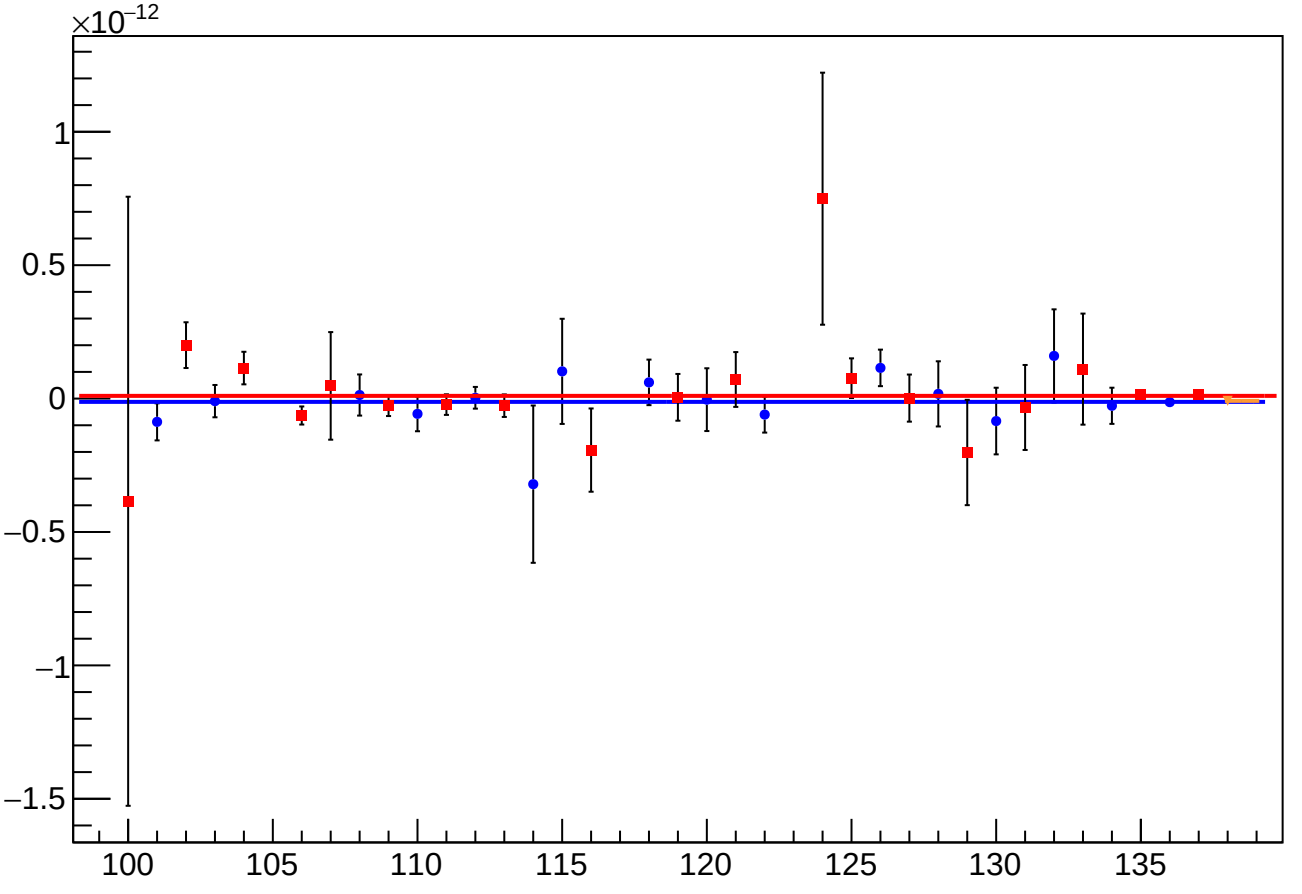
Right Out: 1496.865+/-0.401 χ^2/NDF: 623292.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1463.057+/-0.373 χ^2/NDF: 609153.7/16

All: 1478.747+/-0.273 χ^2/NDF: 1236260.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 9.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

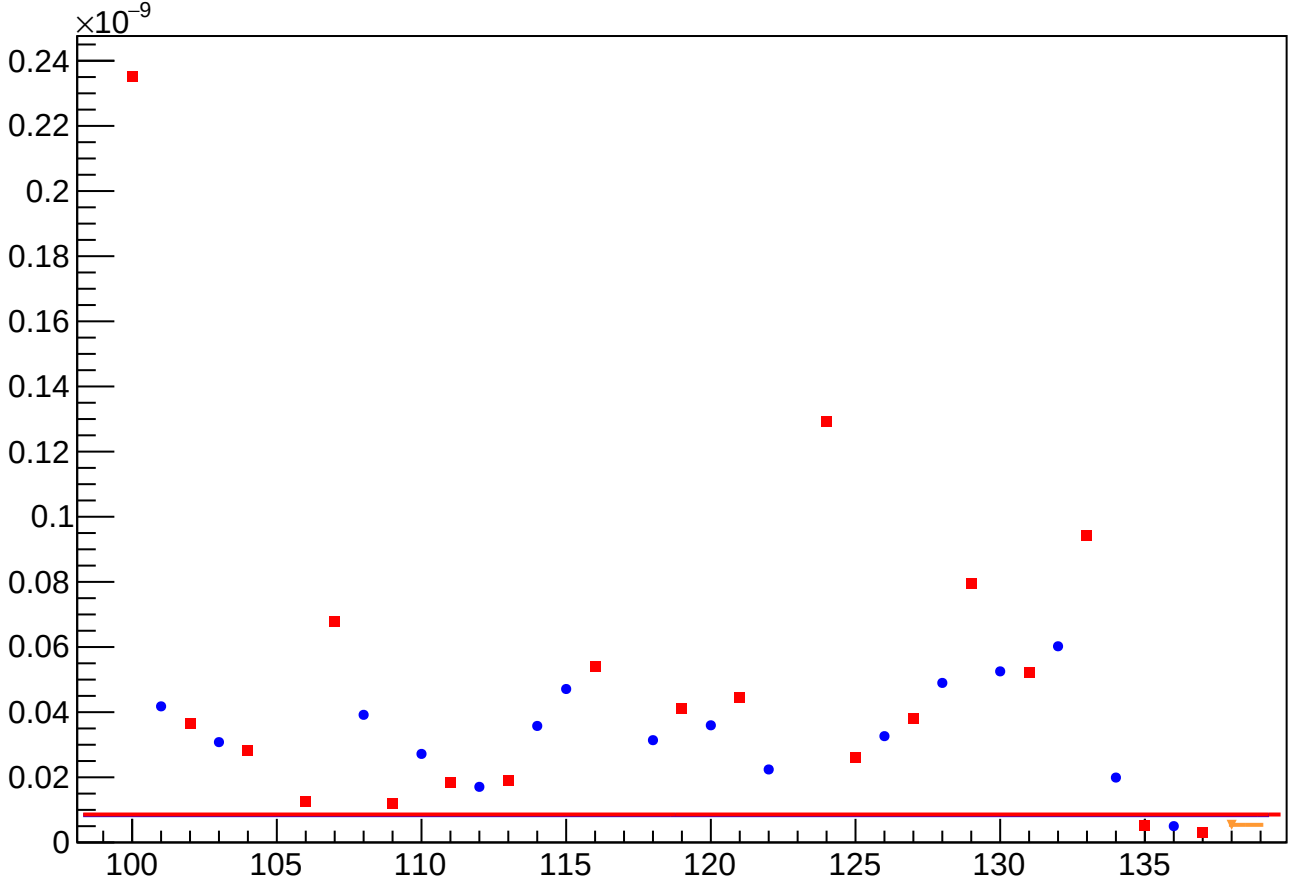
Right Out: 0.000+/-0.000 χ^2/NDF: 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.6/16

All: -0.000+/-0.000 χ^2/NDF: 36.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3059657.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

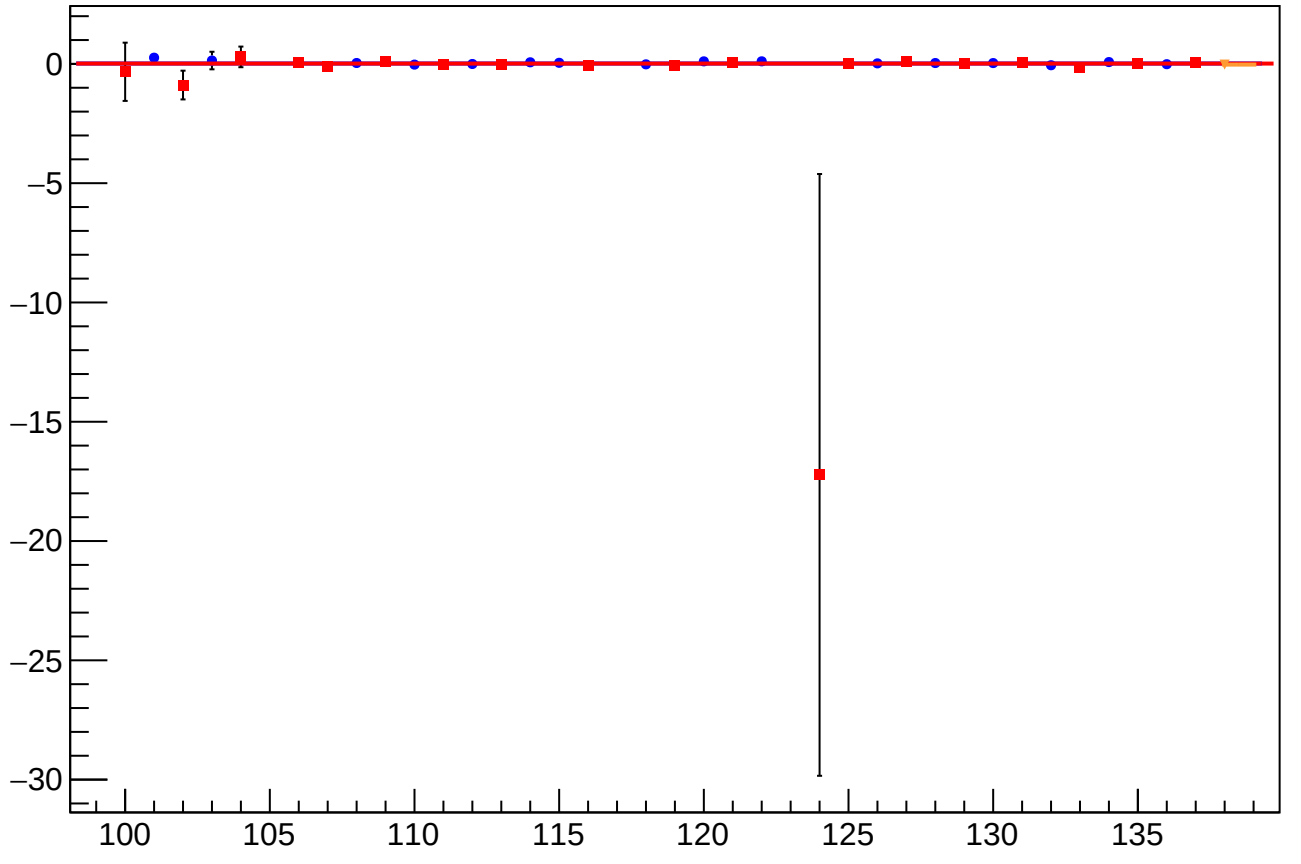
Right Out: 0.000+/-0.000 χ^2/NDF: 3348571.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3195615.1/16

All: 0.000+/-0.000 χ^2/NDF: 6588678.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

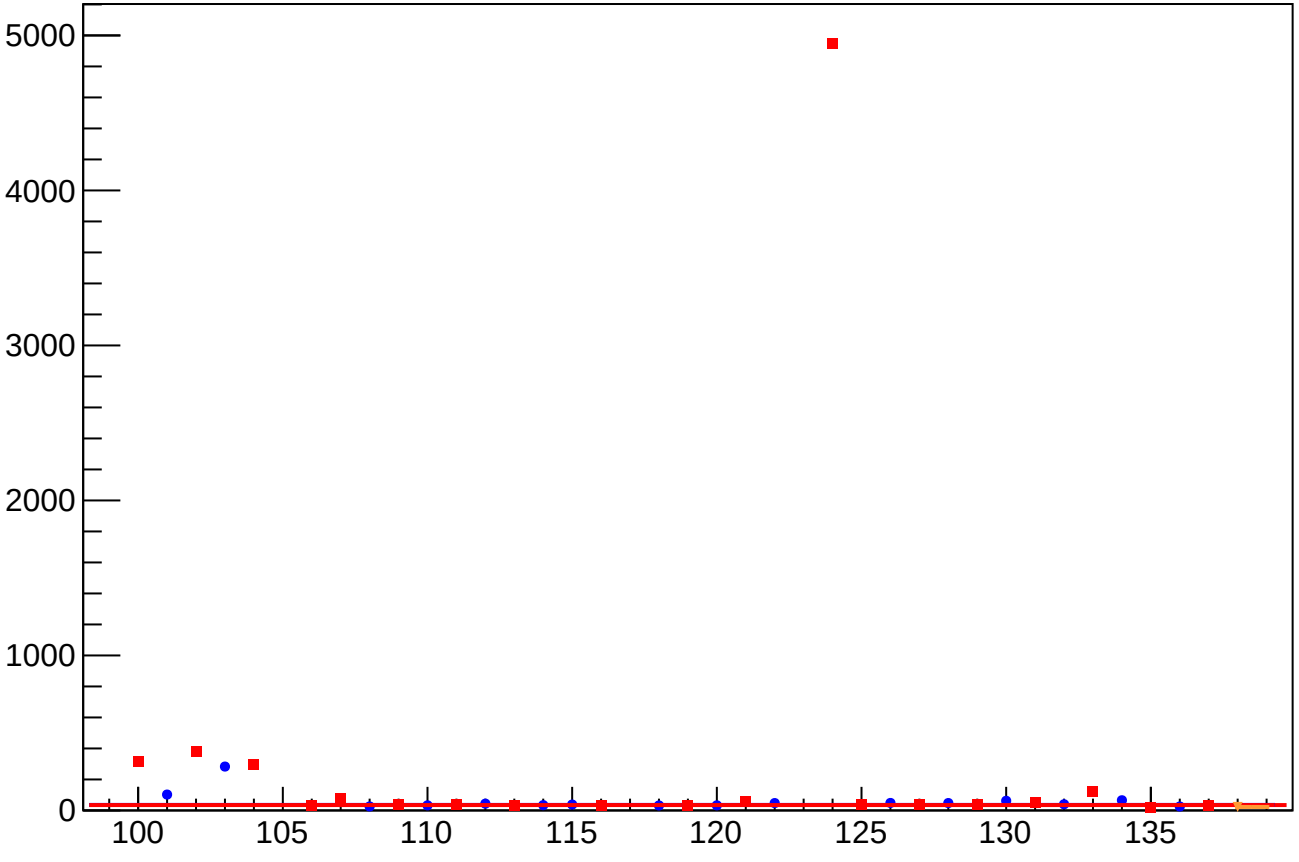
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 35.742+/-0.011 χ^2/NDF: 2264790.8/15

Left Out: 22.516+/-0.020 χ^2/NDF:0.0/0

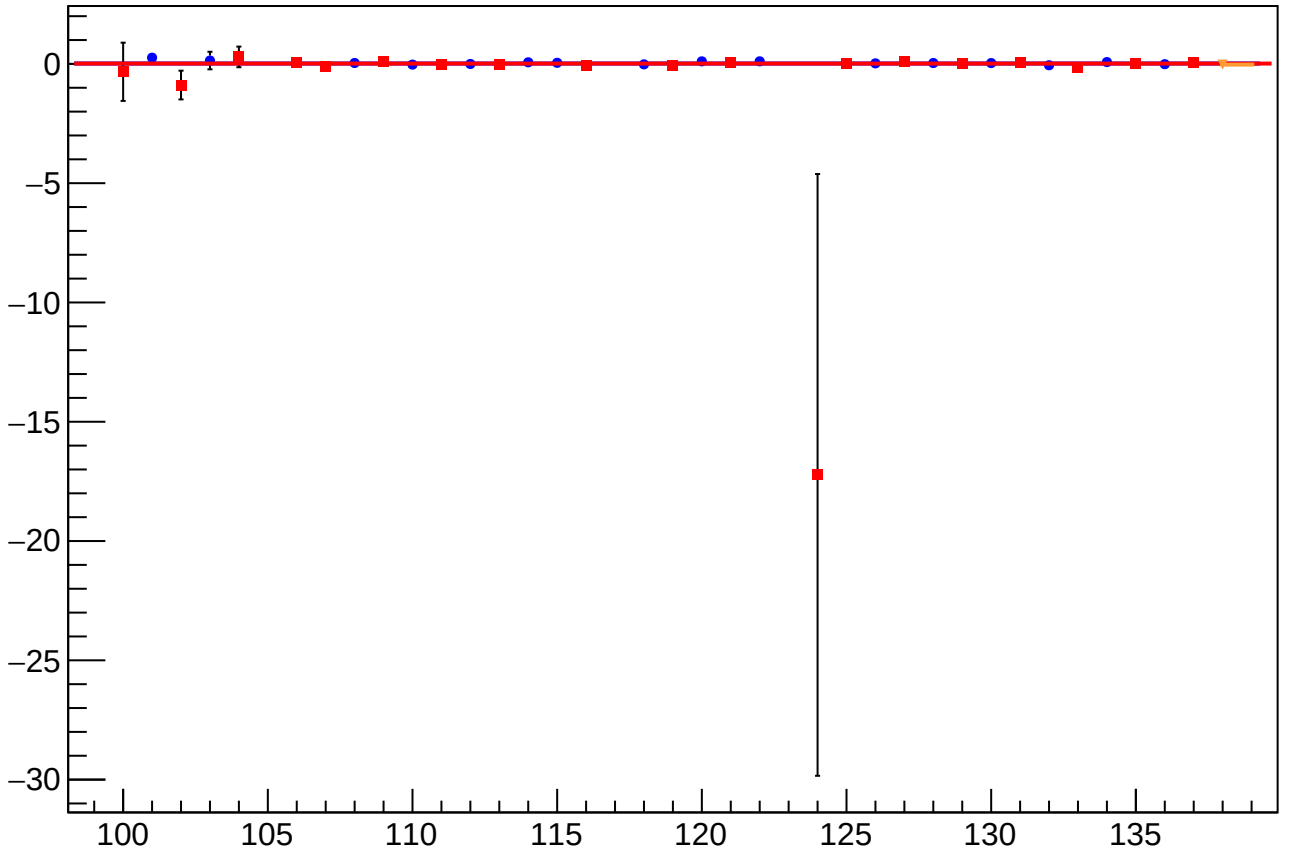
Right Out: 34.797+/-0.011 χ^2/NDF: 2914137.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.587+/-0.010 χ^2/NDF: 2614524.8/16

All: 33.530+/-0.007 χ^2/NDF: 5551596.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

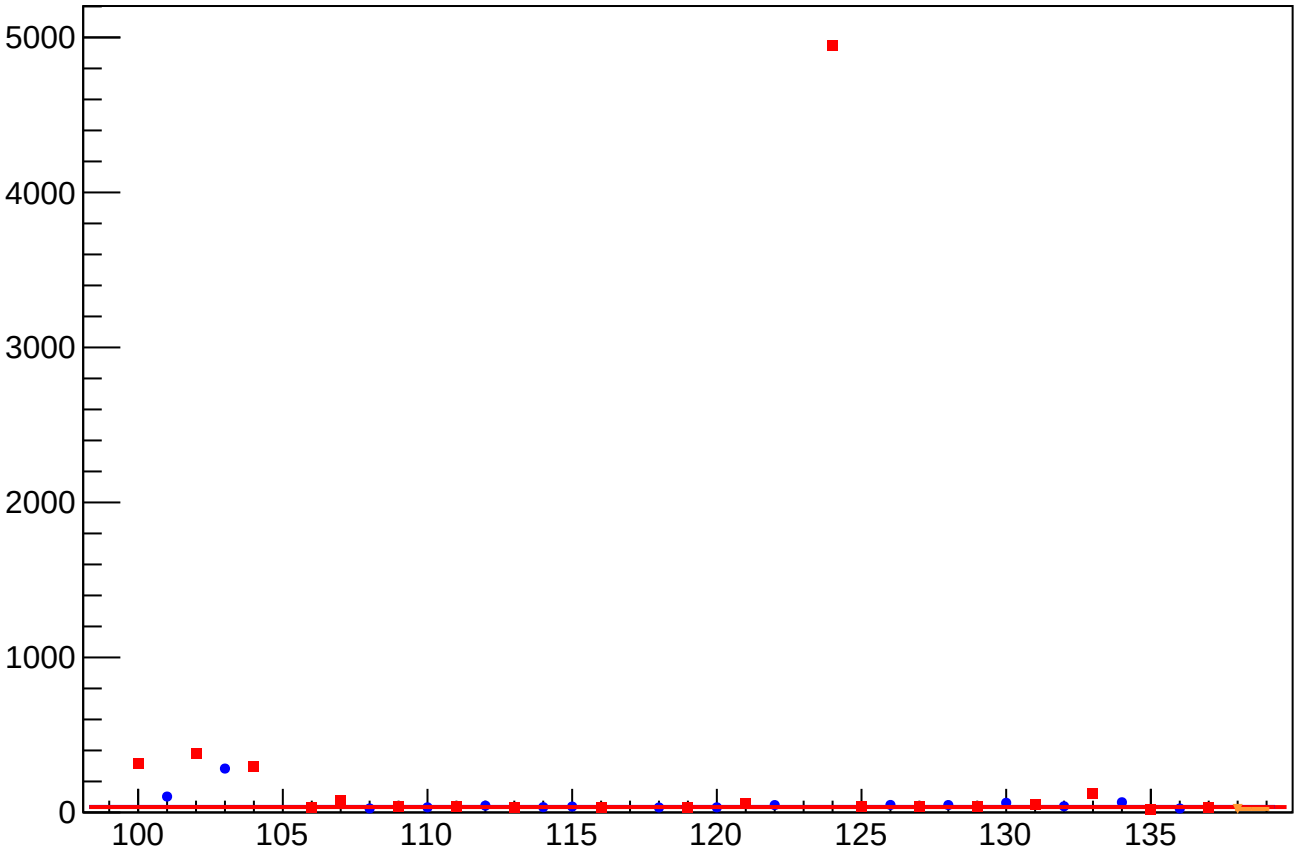
Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 35.742+/-0.011 χ^2/NDF: 2264790.8/15

Left Out: 22.516+/-0.020 χ^2/NDF:0.0/0

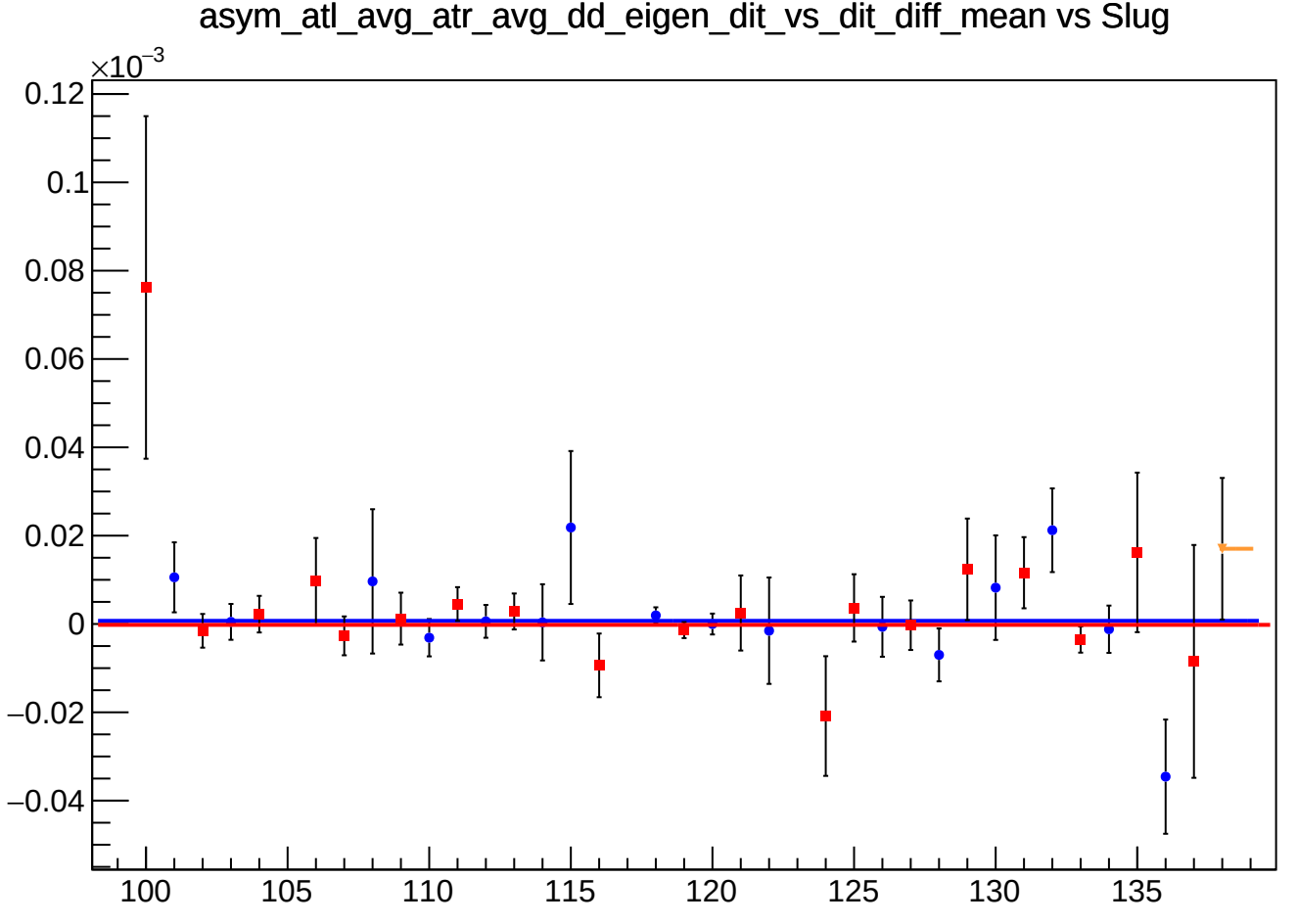
Right Out: 34.797+/-0.011 χ^2/NDF: 2914137.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.587+/-0.010 χ^2/NDF: 2614524.8/16

All: 33.530+/-0.007 χ^2/NDF: 5551596.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

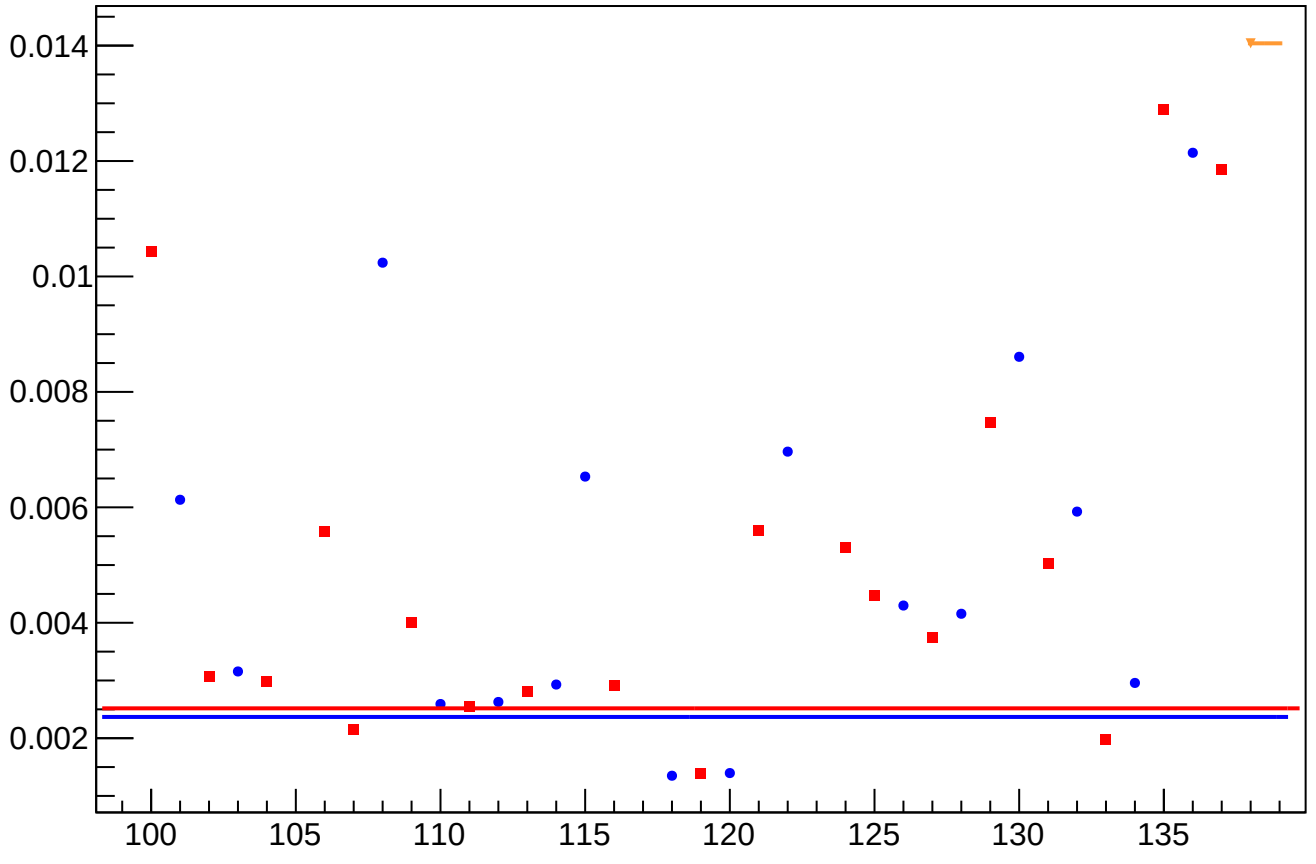
Right Out: -0.000+/-0.000 χ^2/NDF: 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 20.1/16

All: 0.000+/-0.000 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 4721602.1/15

Left Out: 0.014+/-0.000 χ^2/NDF:0.0/0

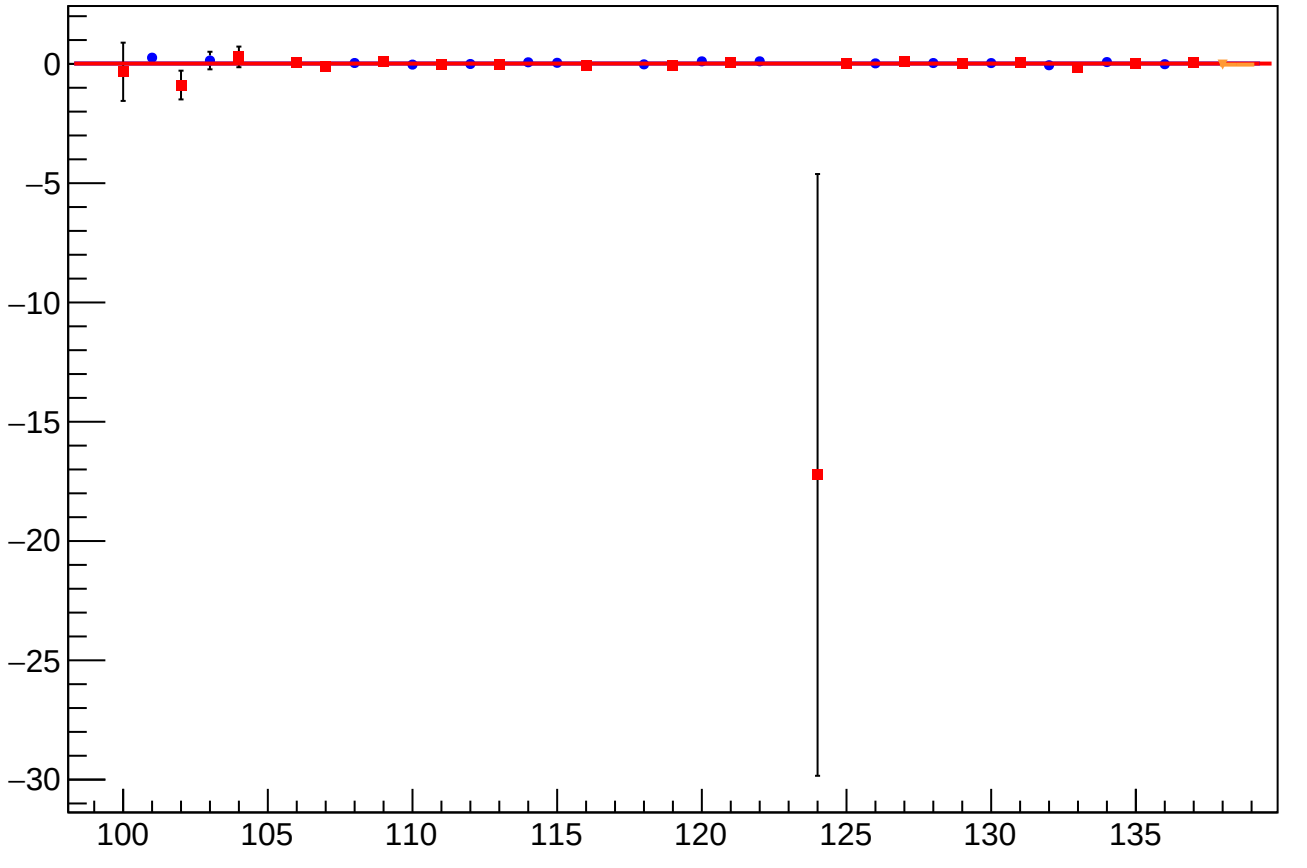
Right Out: 0.003+/-0.000 χ^2/NDF: 3397462.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 5776813.7/16

All: 0.002+/-0.000 χ^2/NDF: 9181766.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

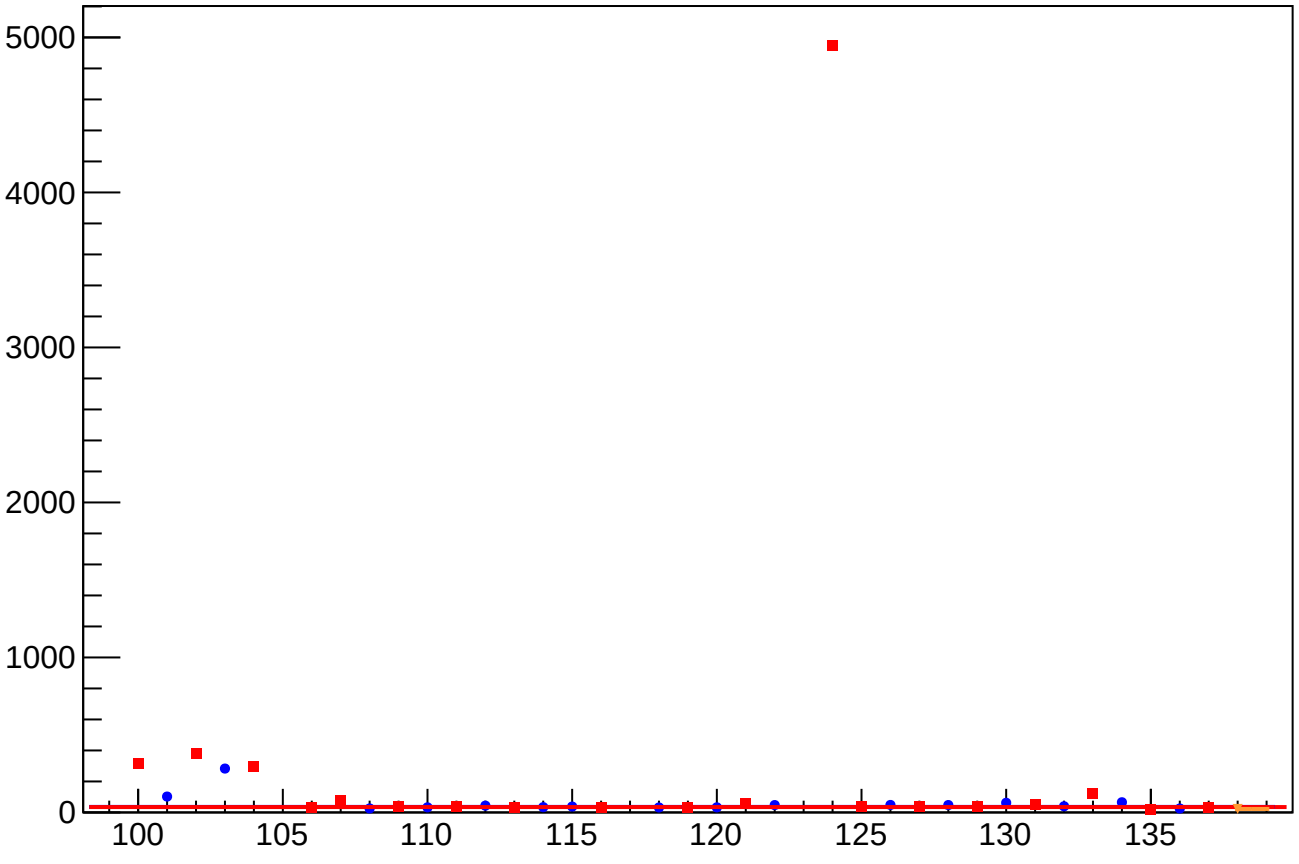
Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 35.743+/-0.011 χ^2/NDF: 2264513.9/15

Left Out: 22.514+/-0.020 χ^2/NDF:0.0/0

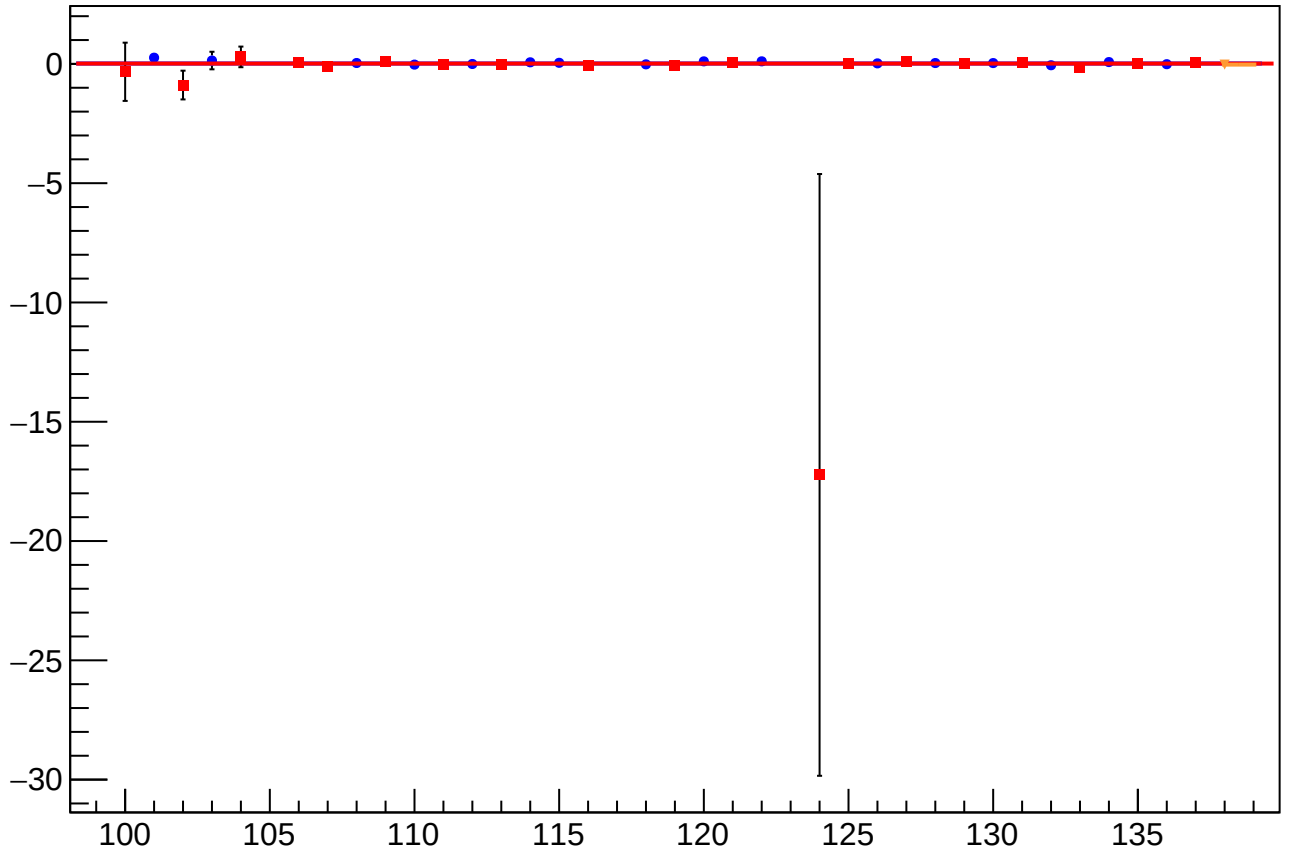
Right Out: 34.798+/-0.011 χ^2/NDF: 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.588+/-0.010 χ^2/NDF: 2614423.1/16

All: 33.531+/-0.007 χ^2/NDF: 5551327.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

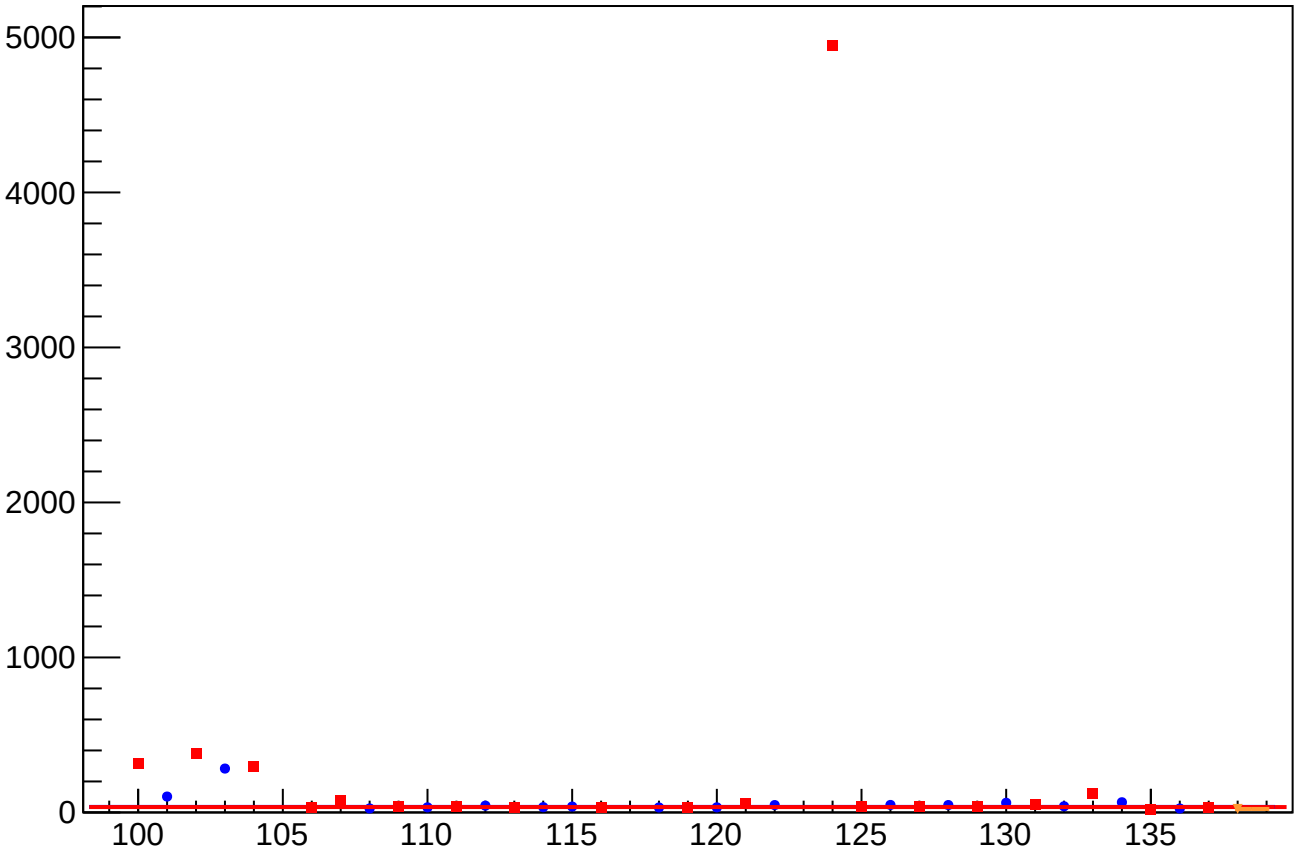
Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 35.743+/-0.011 χ^2/NDF: 2264513.9/15

Left Out: 22.514+/-0.020 χ^2/NDF:0.0/0

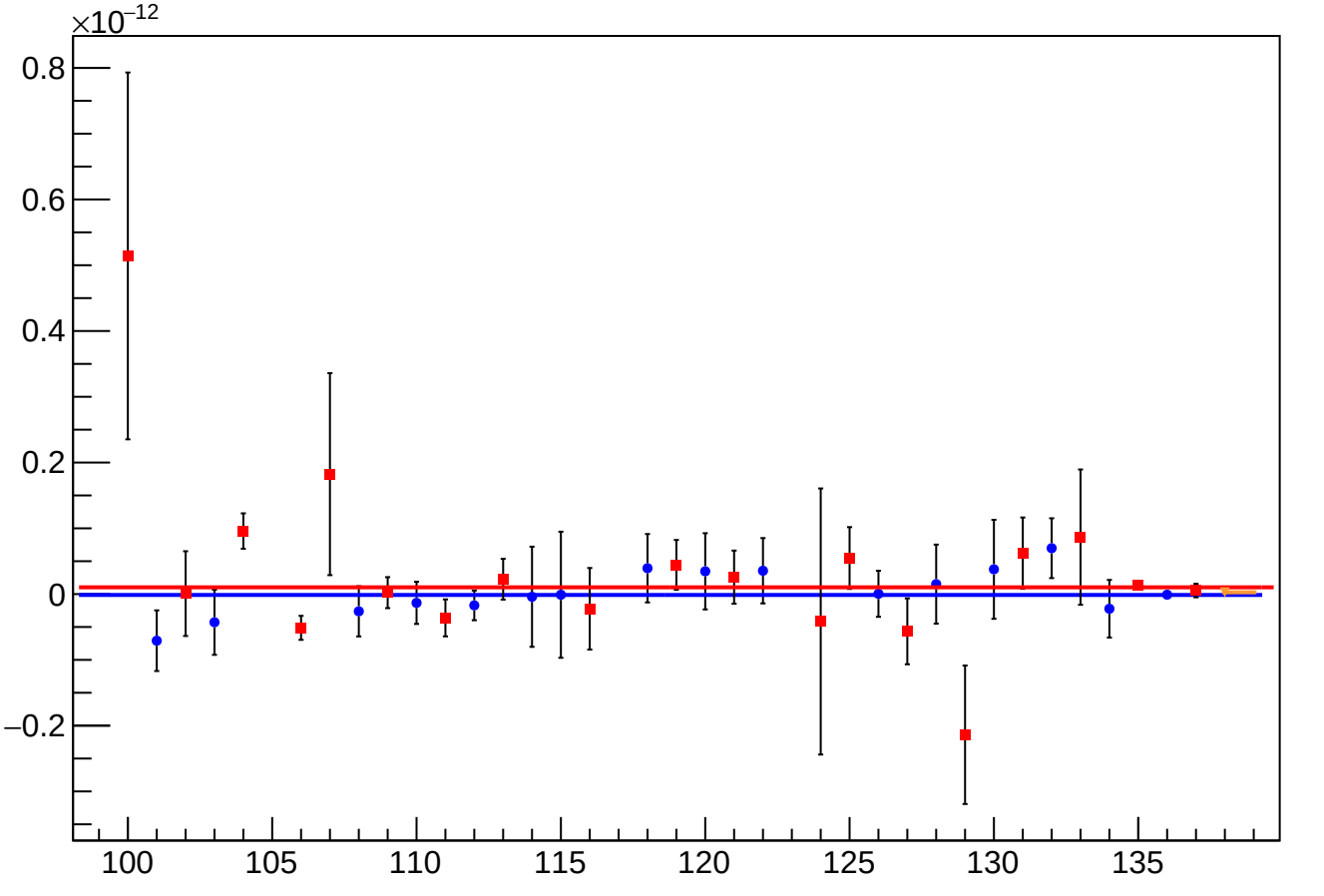
Right Out: 34.798+/-0.011 χ^2/NDF: 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.588+/-0.010 χ^2/NDF: 2614423.1/16

All: 33.531+/-0.007 χ^2/NDF: 5551327.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

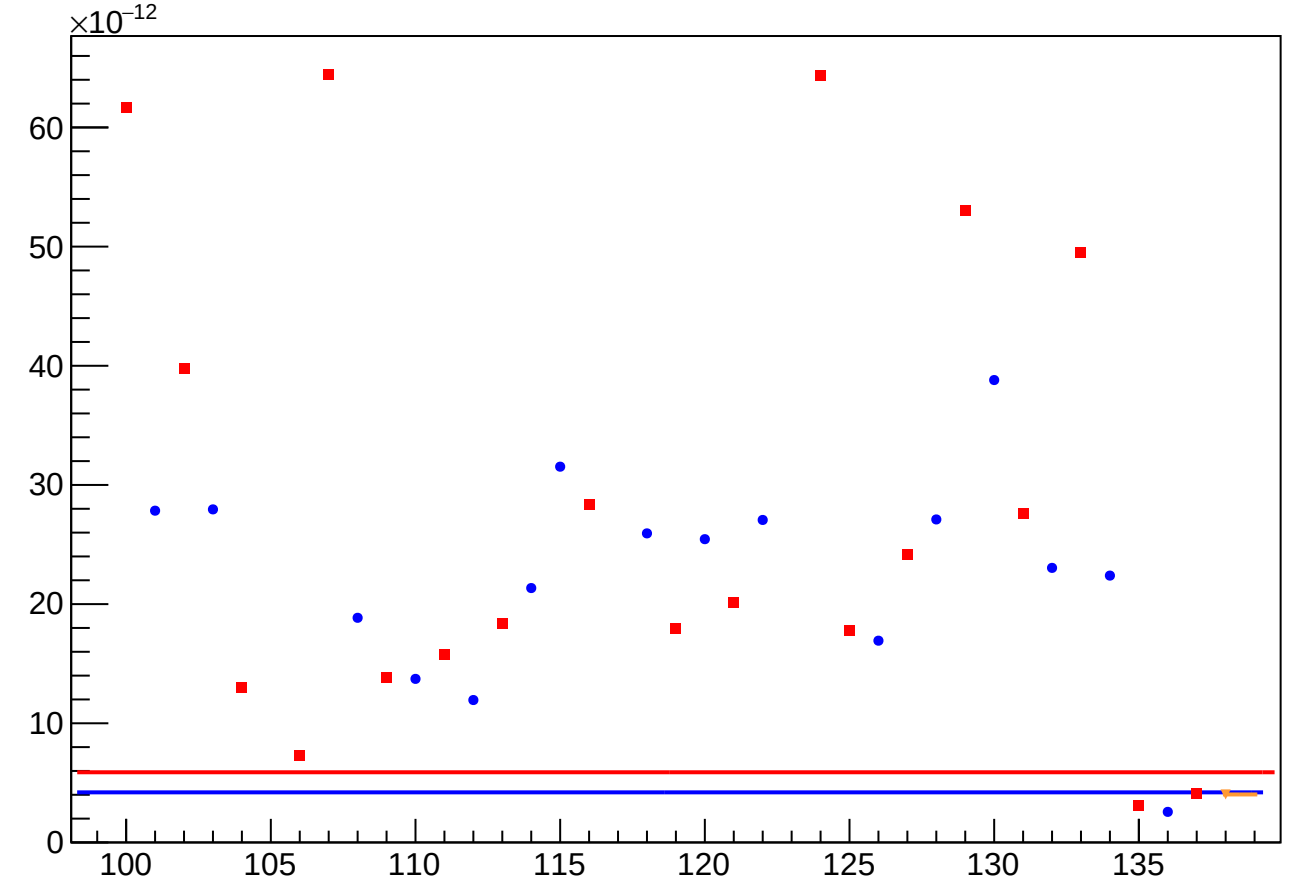
Right Out: 0.000+/-0.000 χ^2/NDF: 39.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.0/16

All: 0.000+/-0.000 χ^2/NDF: 53.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 5080225.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4860861.1/18

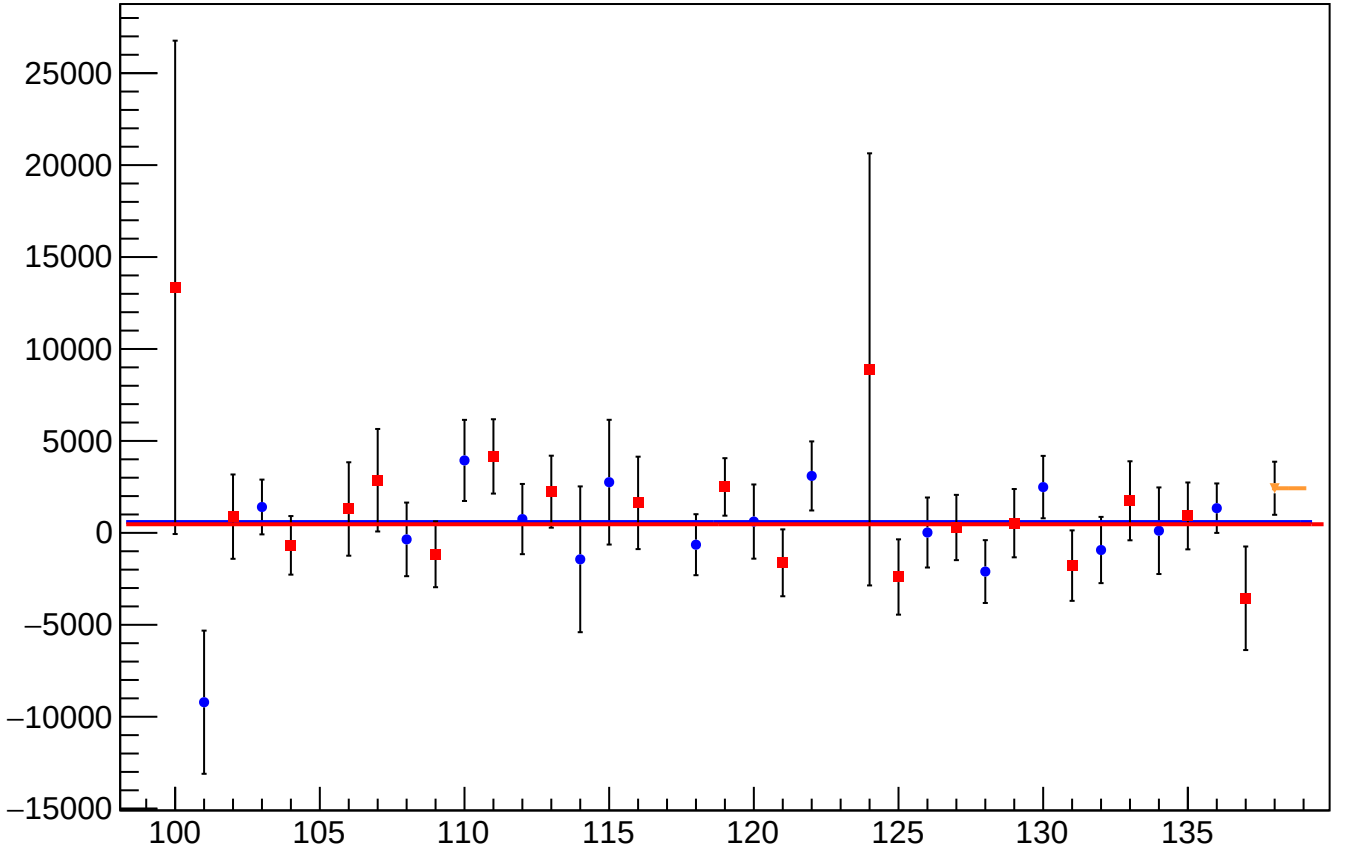
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 5081700.2/16

All: 0.000+/-0.000 χ^2/NDF: 10175170.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 586.935+/-482.434 χ^2/NDF: 17.1/15

Left Out: 2425.769+/-1443.726 χ^2/NDF:0.0/0

Right Out: 469.012+/-480.516 χ^2/NDF: 16.9/18

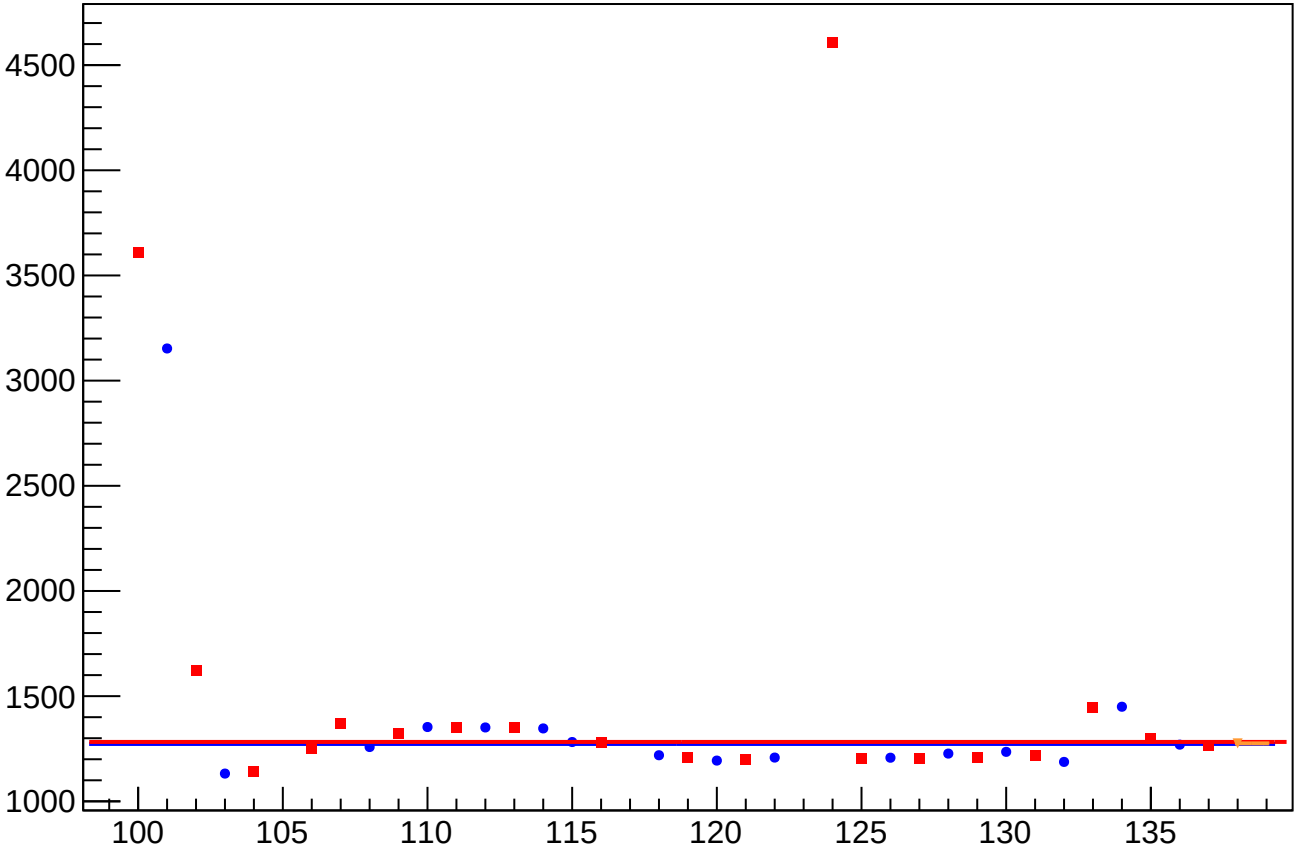
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 771.638+/-457.563 χ^2/NDF: 18.5/16

All: 627.725+/-331.363 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1272.804+/-0.341 χ^2/NDF: 519298.2/15

Left Out: 1275.395+/-1.021 χ^2/NDF:0.0/0

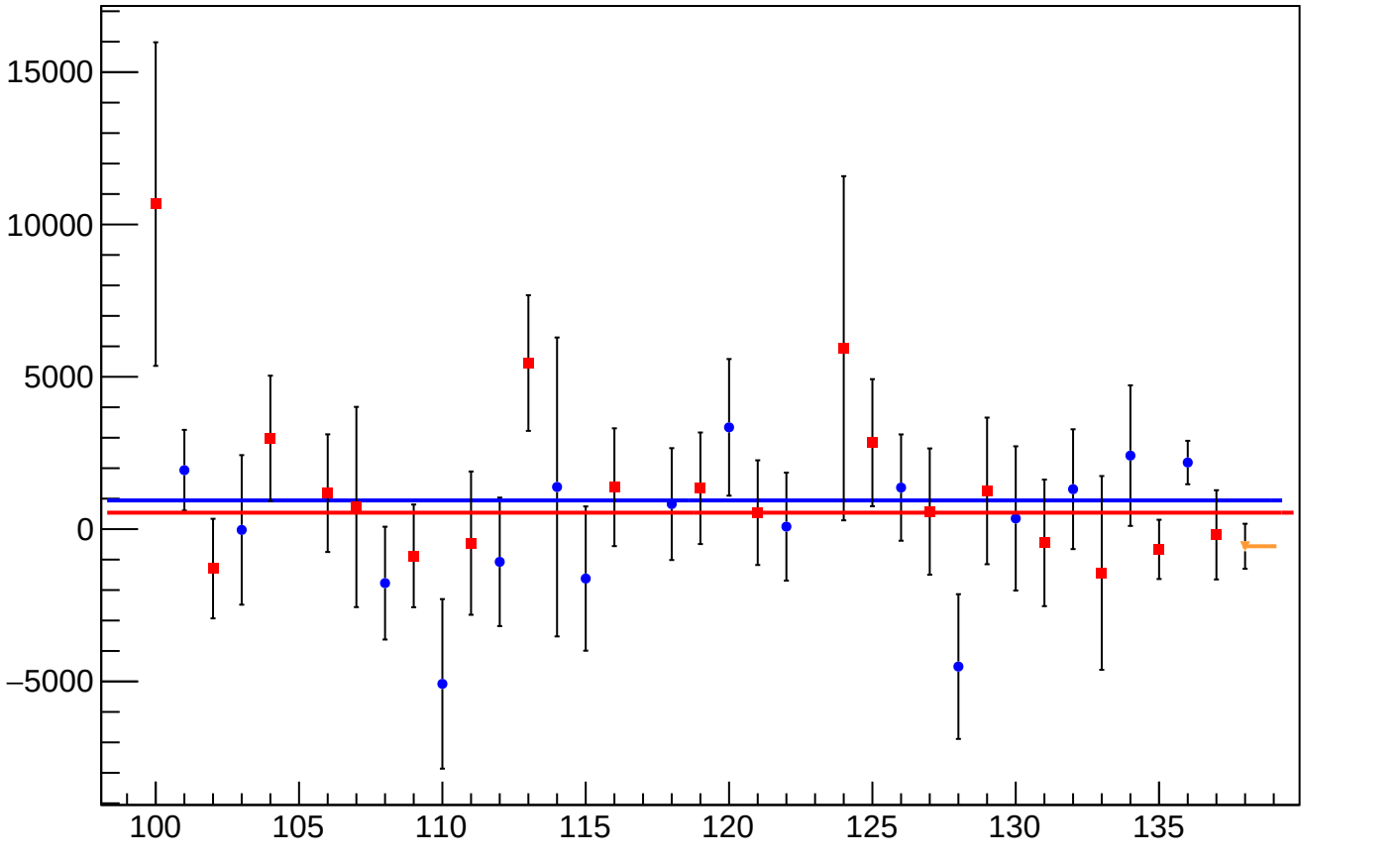
Right Out: 1282.365+/-0.340 χ^2/NDF: 322078.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1273.065+/-0.324 χ^2/NDF: 519304.0/16

All: 1277.487+/-0.234 χ^2/NDF: 841775.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 941.759+/-425.837 χ^2/NDF: 19.9/15

Left Out: -562.194+/-738.440 χ^2/NDF:0.0/0

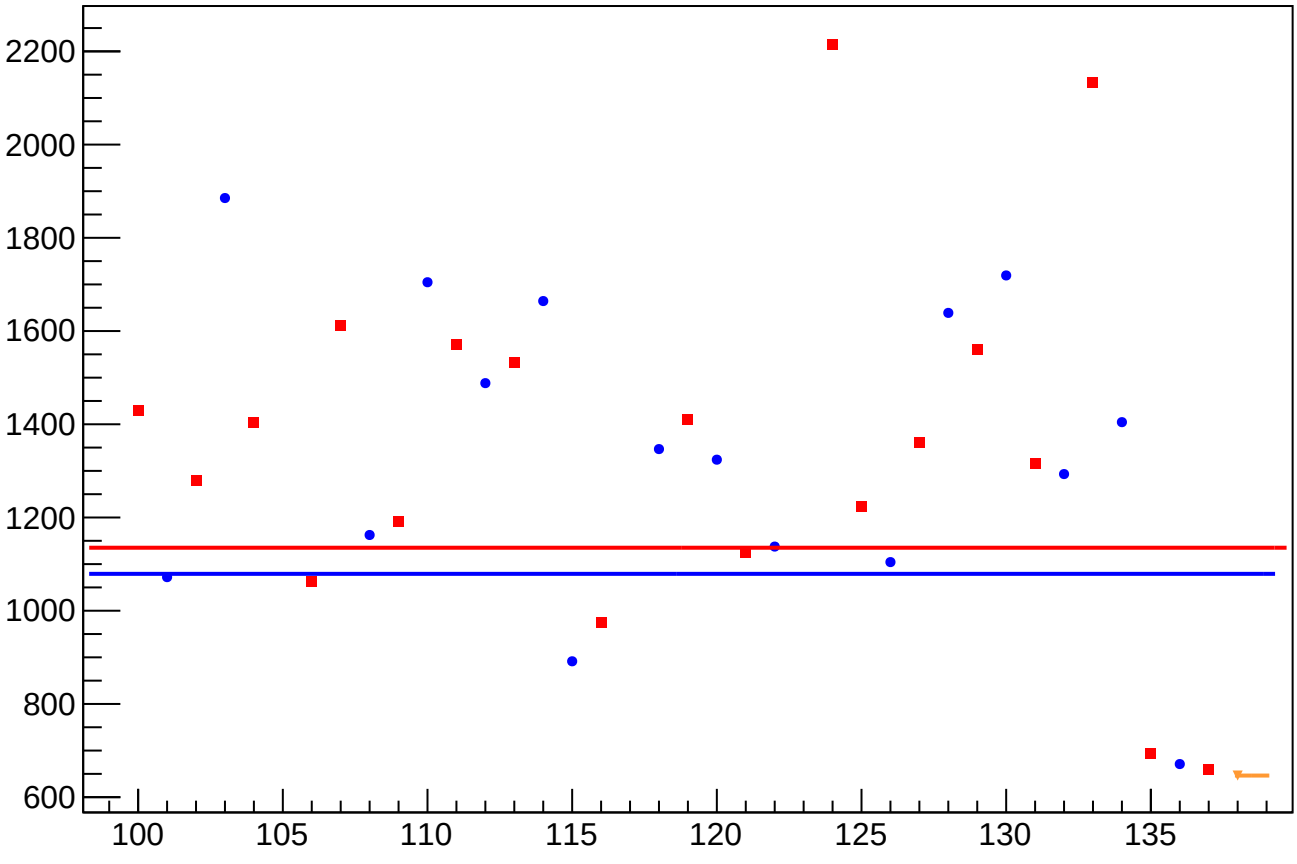
Right Out: 540.622+/-439.905 χ^2/NDF: 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 566.435+/-368.894 χ^2/NDF: 23.0/16

All: 555.778+/-282.662 χ^2/NDF: 40.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1079.120+/-0.301 χ^2/NDF: 1482232.0/15

Left Out: 646.394+/-0.522 χ^2/NDF:0.0/0

Right Out: 1135.161+/-0.311 χ^2/NDF: 1293082.2/18

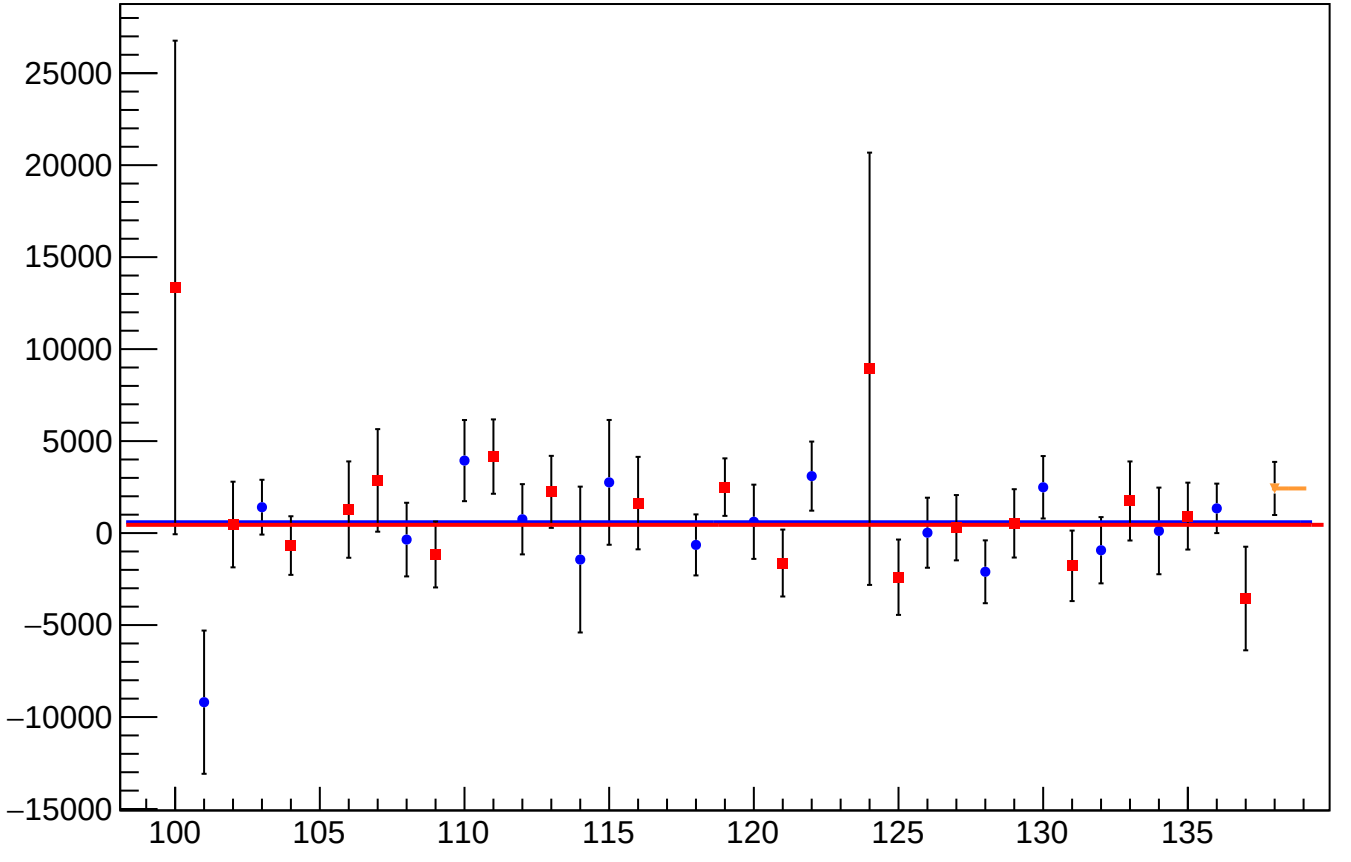
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 971.129+/-0.261 χ^2/NDF: 1997628.9/16

All: 1038.854+/-0.200 χ^2/NDF: 3453978.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 587.254+/-482.434 χ^2/NDF: 17.1/15

Left Out: 2425.697+/-1443.726 χ^2/NDF:0.0/0

Right Out: 448.412+/-481.333 χ^2/NDF: 16.8/18

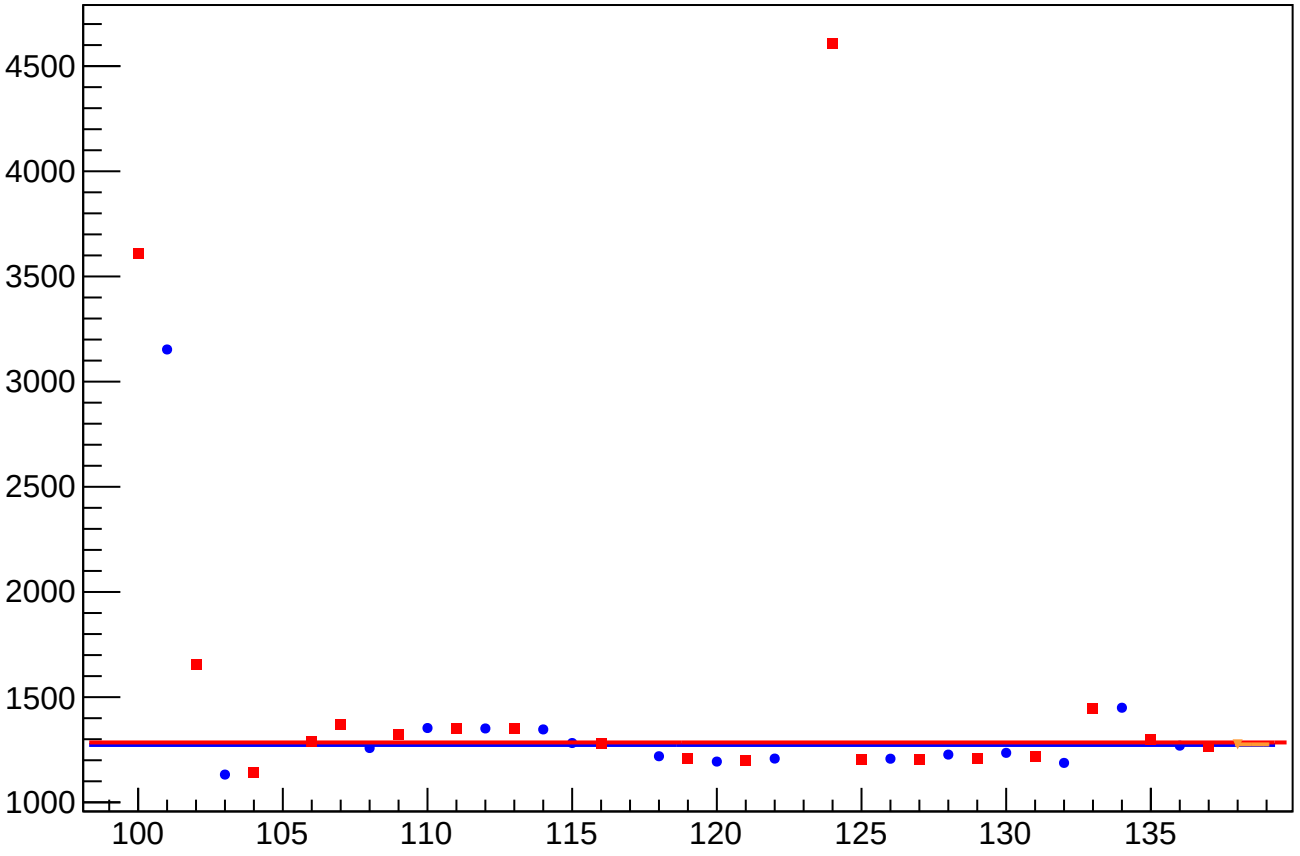
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 771.919+/-457.563 χ^2/NDF: 18.5/16

All: 618.350+/-331.631 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1272.804+/-0.341 χ^2/NDF: 519299.6/15

Left Out: 1275.395+/-1.021 χ^2/NDF:0.0/0

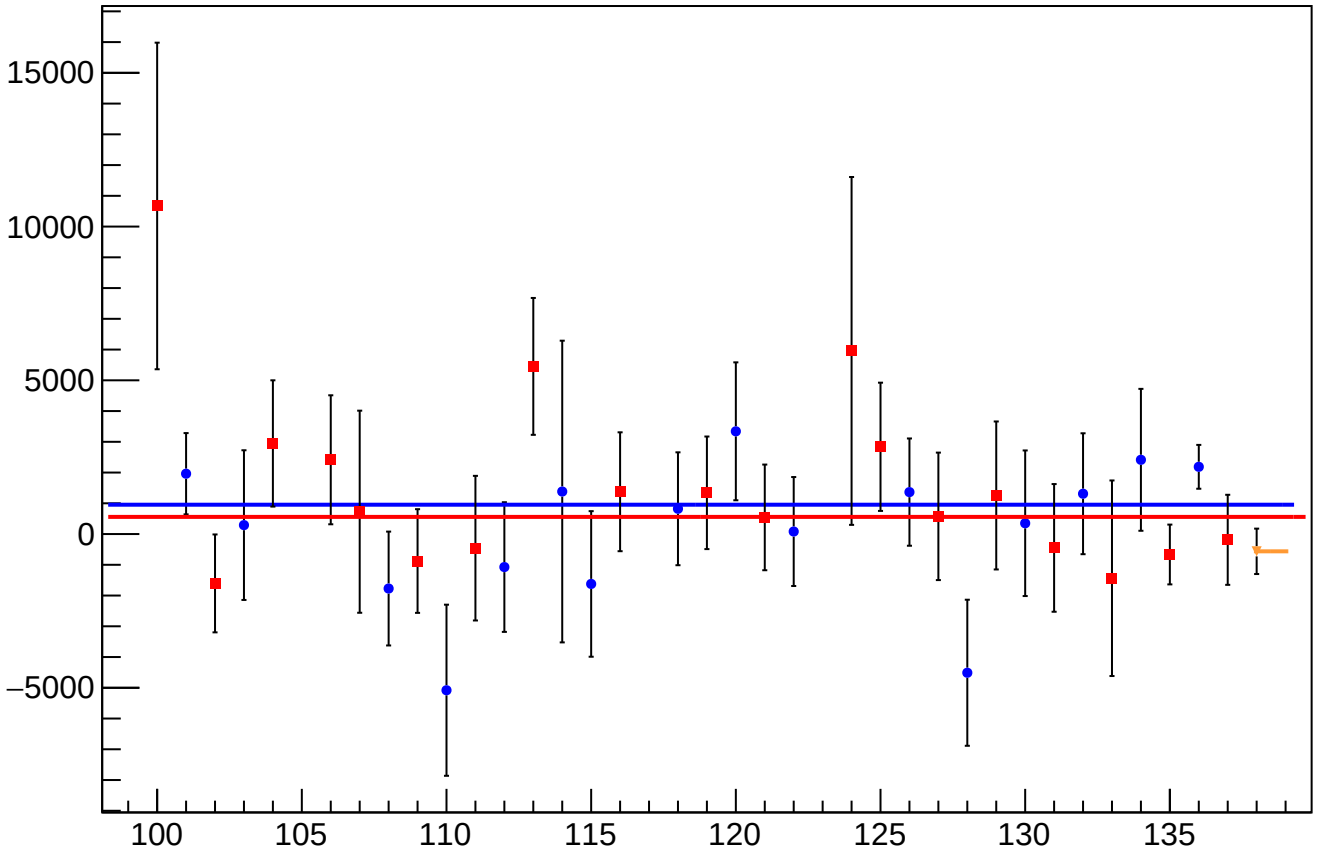
Right Out: 1284.654+/-0.340 χ^2/NDF: 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1273.064+/-0.324 χ^2/NDF: 519305.4/16

All: 1278.566+/-0.234 χ^2/NDF: 848649.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 954.146+/-425.660 χ^2/NDF: 19.9/15

Left Out: -562.133+/-738.438 χ^2/NDF:0.0/0

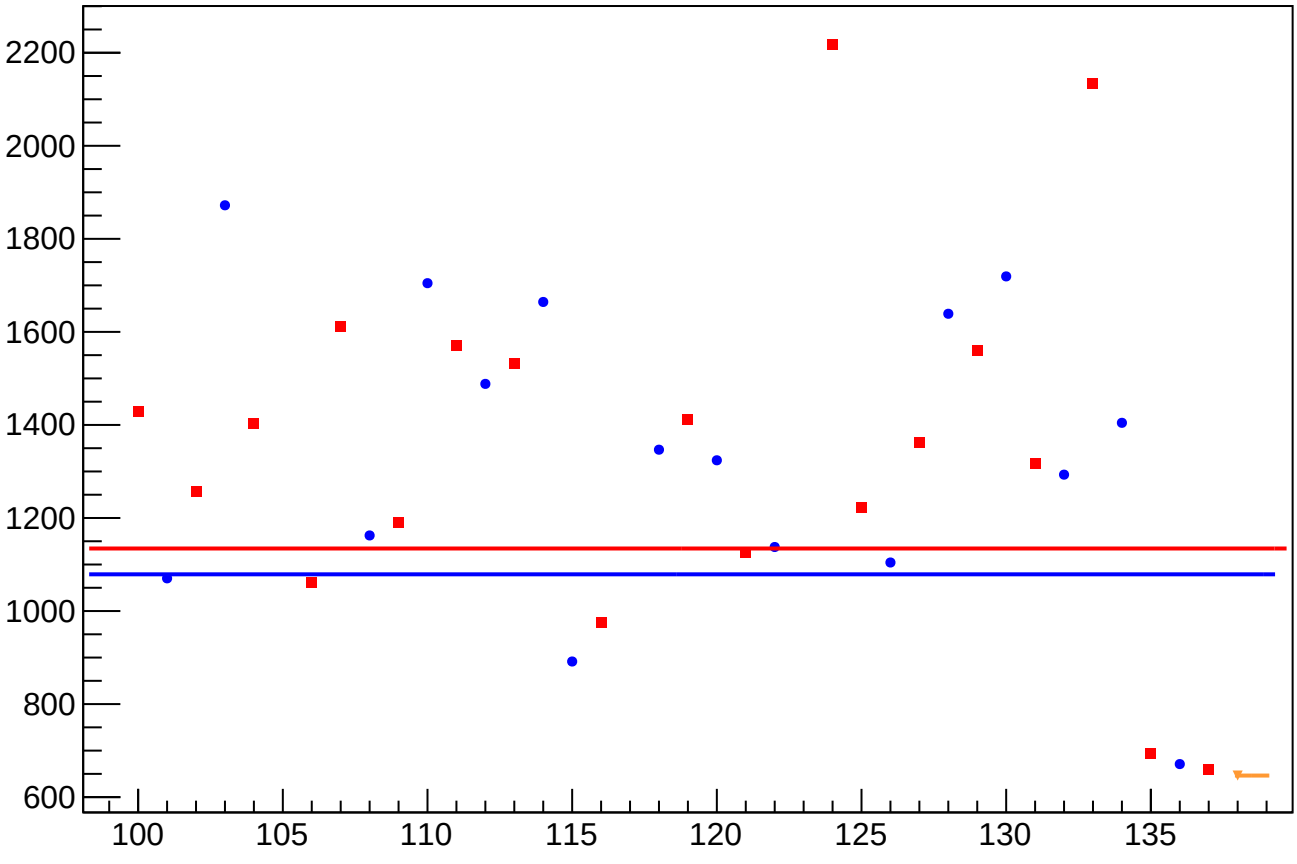
Right Out: 557.935+/-440.758 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 575.979+/-368.779 χ^2/NDF: 23.0/16

All: 568.549+/-282.836 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1078.932+/-0.301 χ^2/NDF: 1478719.9/15

Left Out: 646.391+/-0.522 χ^2/NDF:0.0/0

Right Out: 1134.428+/-0.312 χ^2/NDF: 1288899.2/18

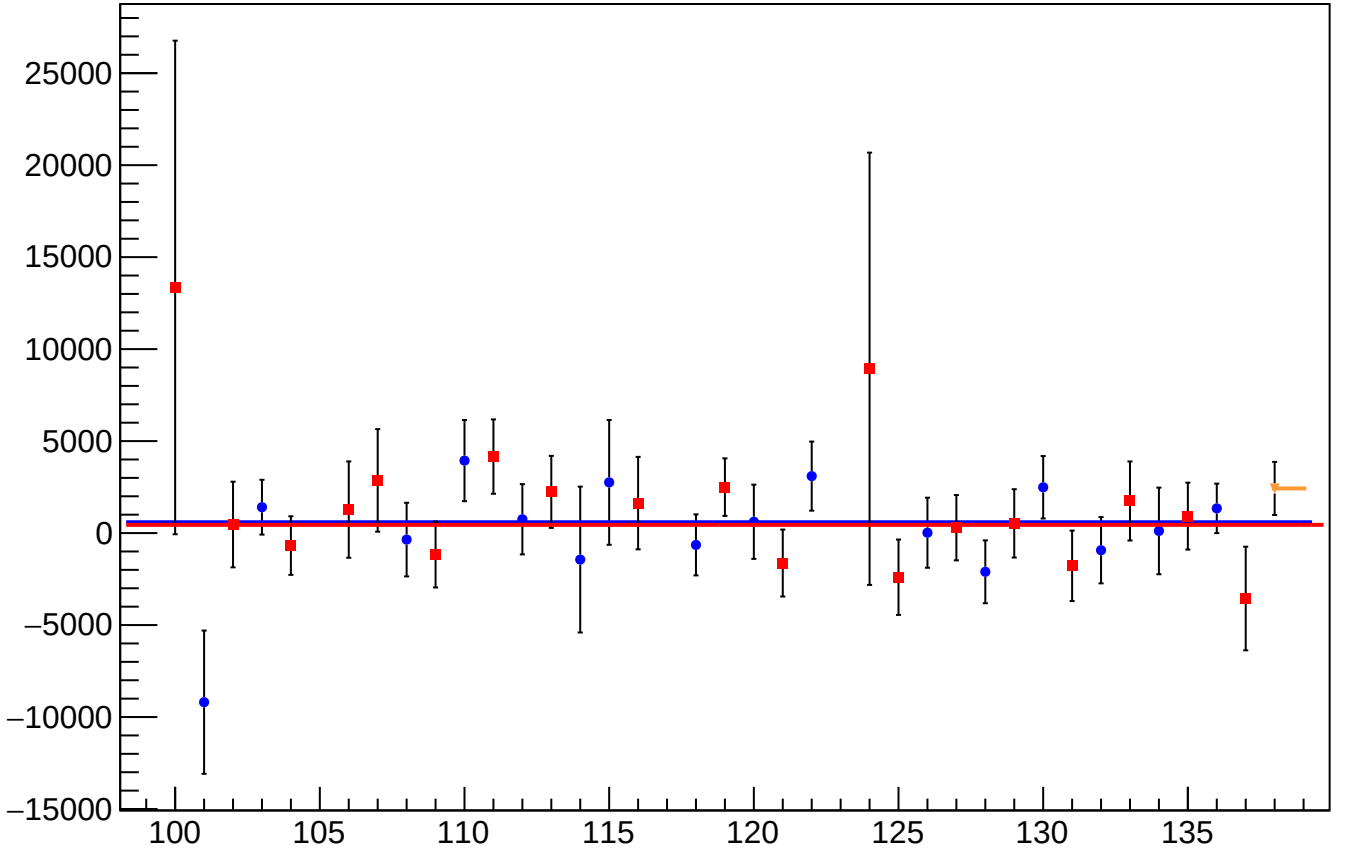
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 971.054+/-0.261 χ^2/NDF: 1993786.0/16

All: 1038.329+/-0.200 χ^2/NDF: 3444318.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 587.254+/-482.434 χ^2/NDF: 17.1/15

Left Out: 2425.697+/-1443.726 χ^2/NDF:0.0/0

Right Out: 448.412+/-481.333 χ^2/NDF: 16.8/18

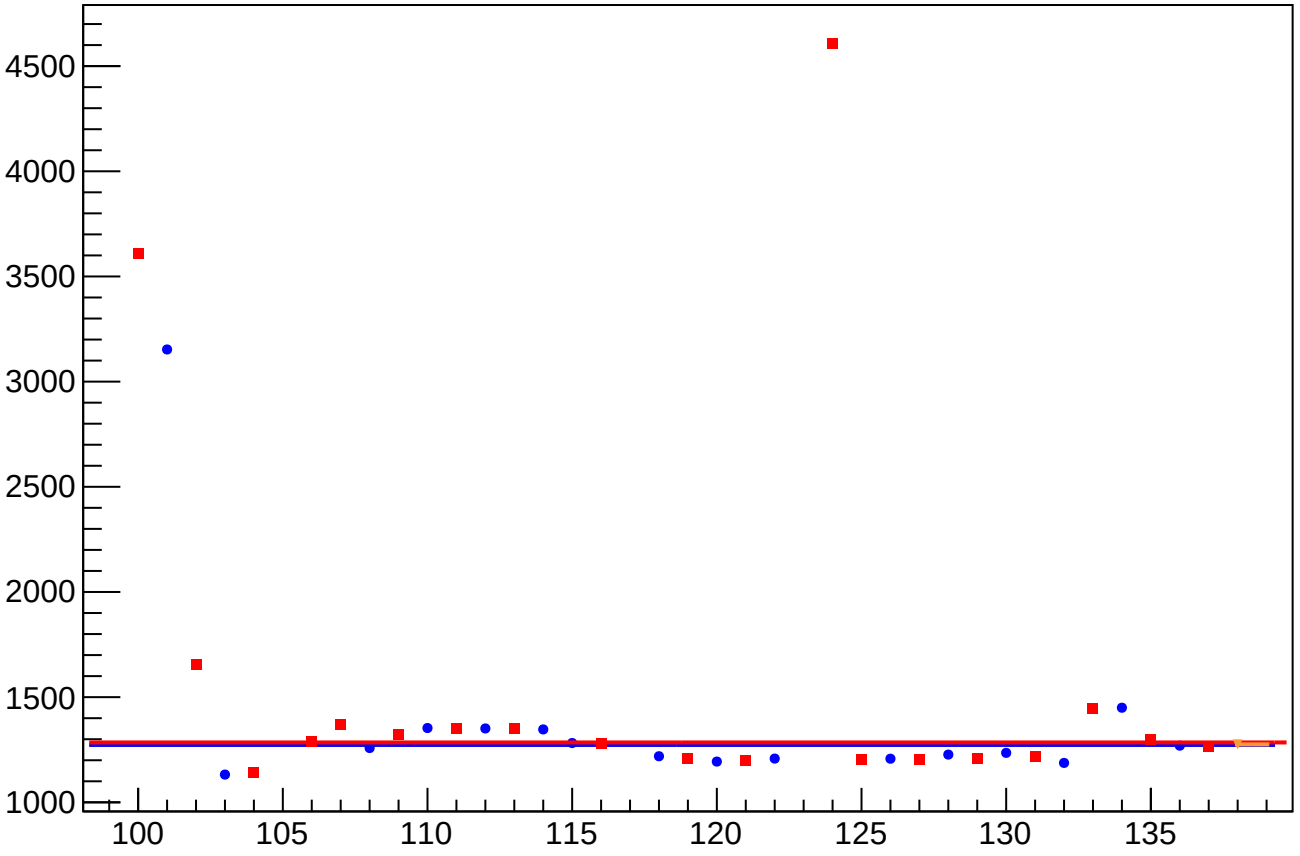
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 771.919+/-457.563 χ^2/NDF: 18.5/16

All: 618.350+/-331.631 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1272.804+/-0.341 χ^2/NDF: 519299.6/15

Left Out: 1275.395+/-1.021 χ^2/NDF:0.0/0

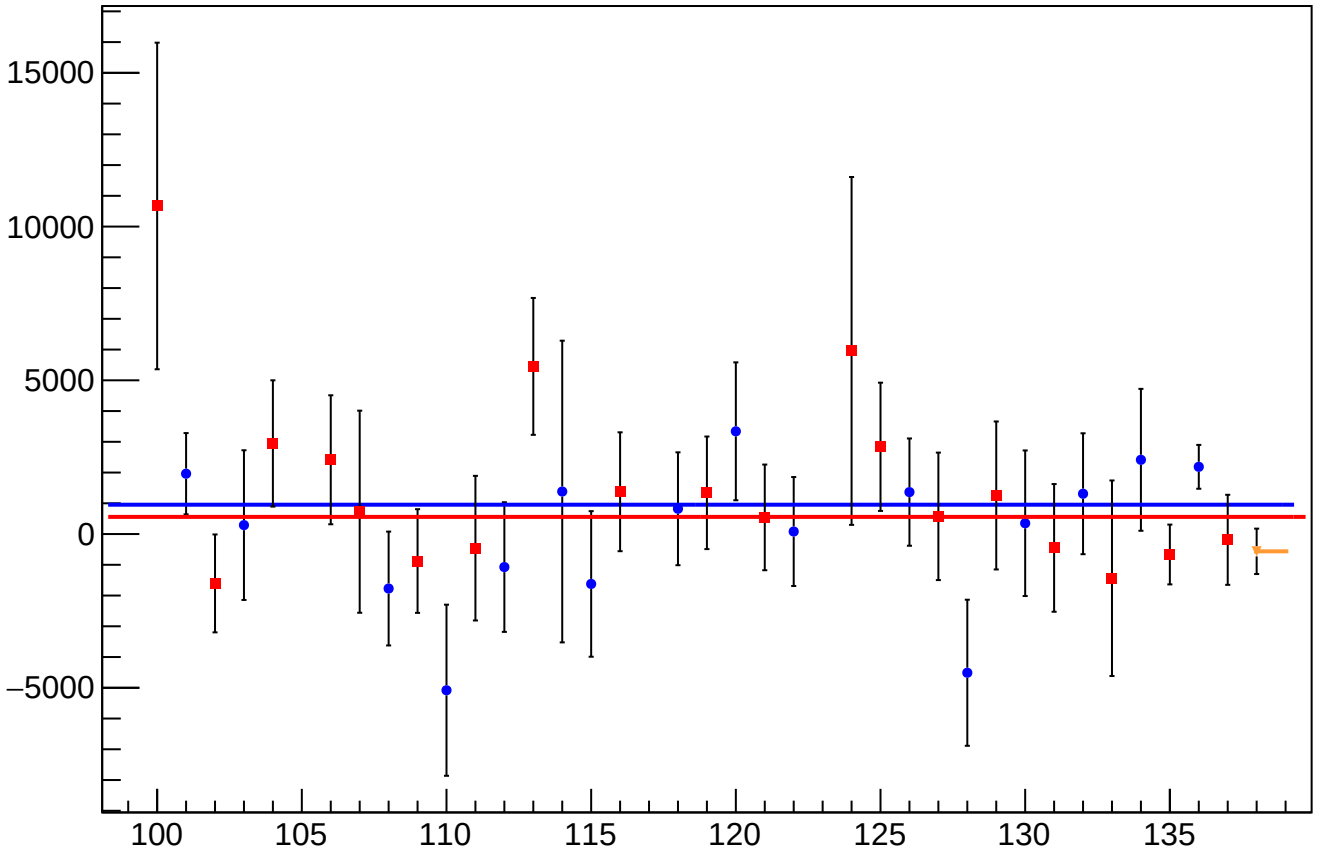
Right Out: 1284.654+/-0.340 χ^2/NDF: 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1273.064+/-0.324 χ^2/NDF: 519305.4/16

All: 1278.566+/-0.234 χ^2/NDF: 848649.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 954.146+/-425.660 χ^2/NDF: 19.9/15

Left Out: -562.133+/-738.438 χ^2/NDF:0.0/0

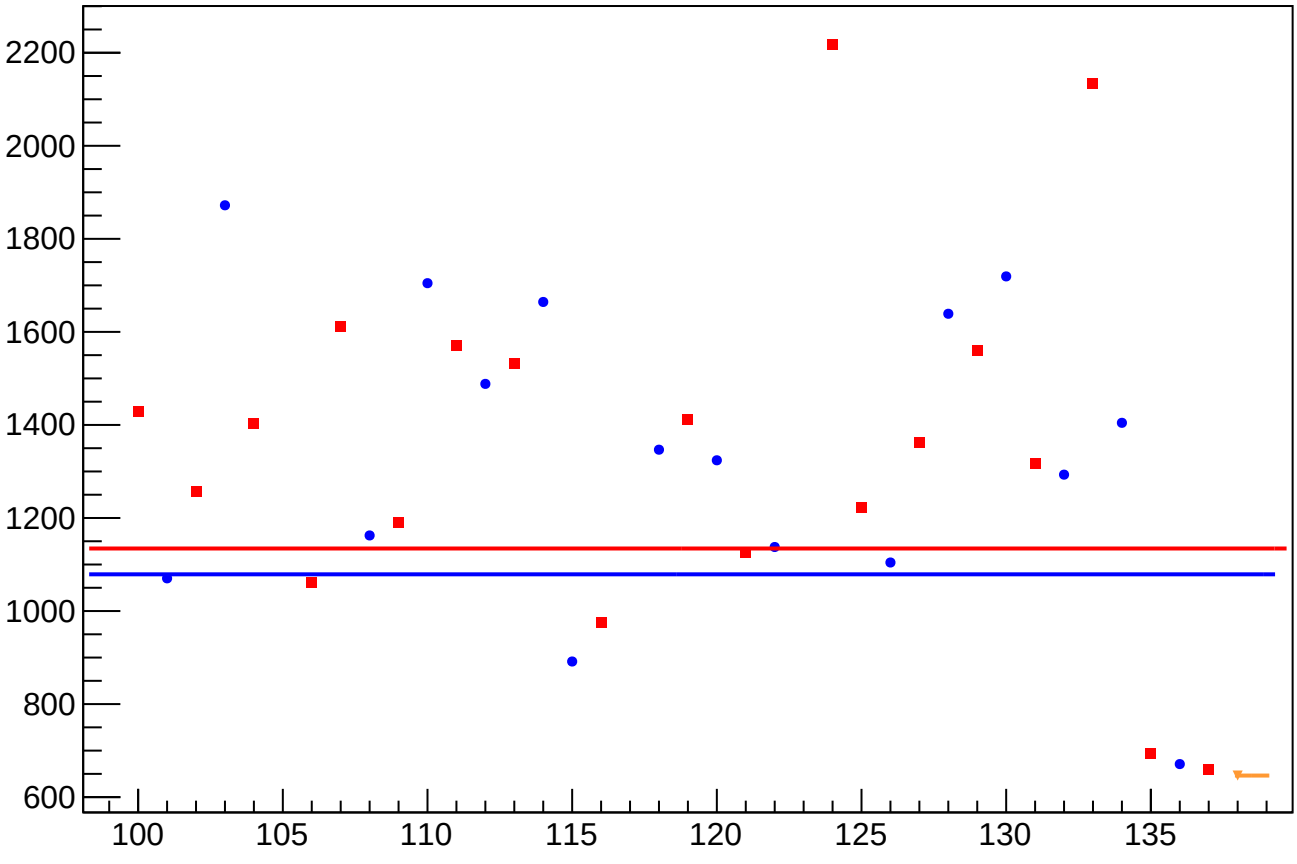
Right Out: 557.935+/-440.758 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 575.979+/-368.779 χ^2/NDF: 23.0/16

All: 568.549+/-282.836 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1078.932+/-0.301 χ^2/NDF: 1478719.9/15

Left Out: 646.391+/-0.522 χ^2/NDF:0.0/0

Right Out: 1134.428+/-0.312 χ^2/NDF: 1288899.2/18

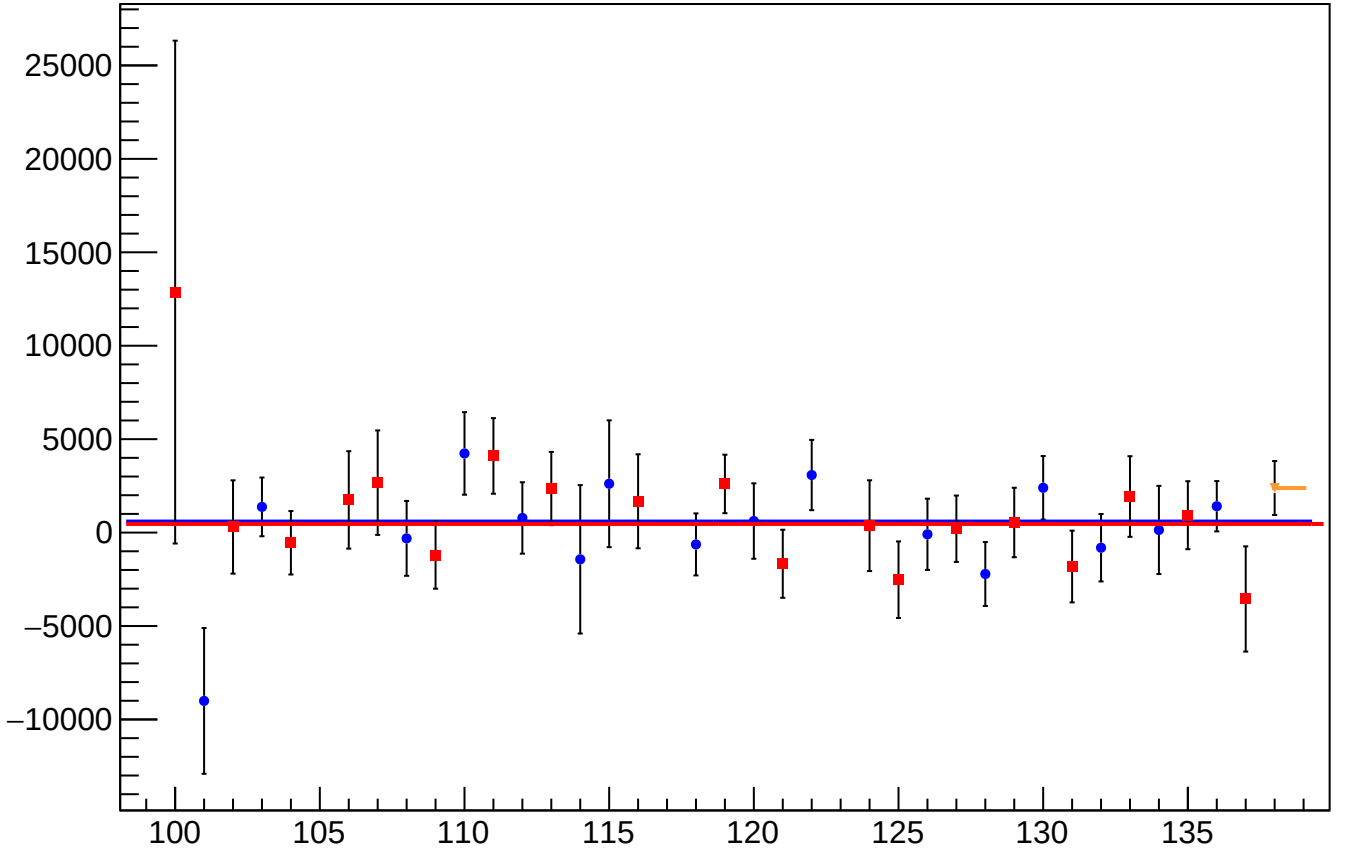
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 971.054+/-0.261 χ^2/NDF: 1993786.0/16

All: 1038.329+/-0.200 χ^2/NDF: 3444318.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 590.322+/-485.483 χ^2/NDF: 17.1/15

Left Out: 2384.217+/-1444.310 χ^2/NDF:0.0/0

Right Out: 462.606+/-476.795 χ^2/NDF: 16.7/18

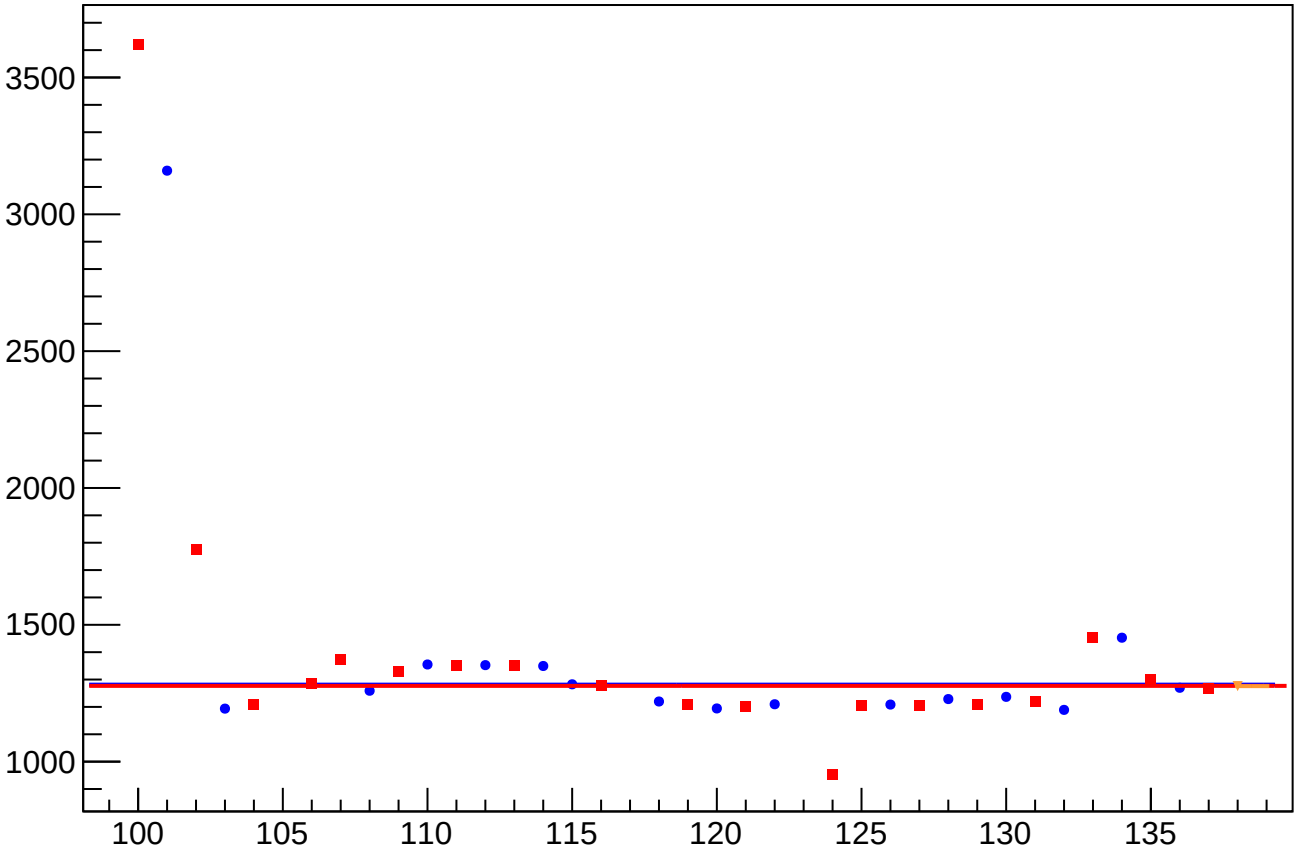
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 772.432+/-460.181 χ^2/NDF: 18.5/16

All: 623.011+/-331.115 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1281.369+/-0.343 χ^2/NDF: 507078.4/15

Left Out: 1275.911+/-1.021 χ^2/NDF:0.0/0

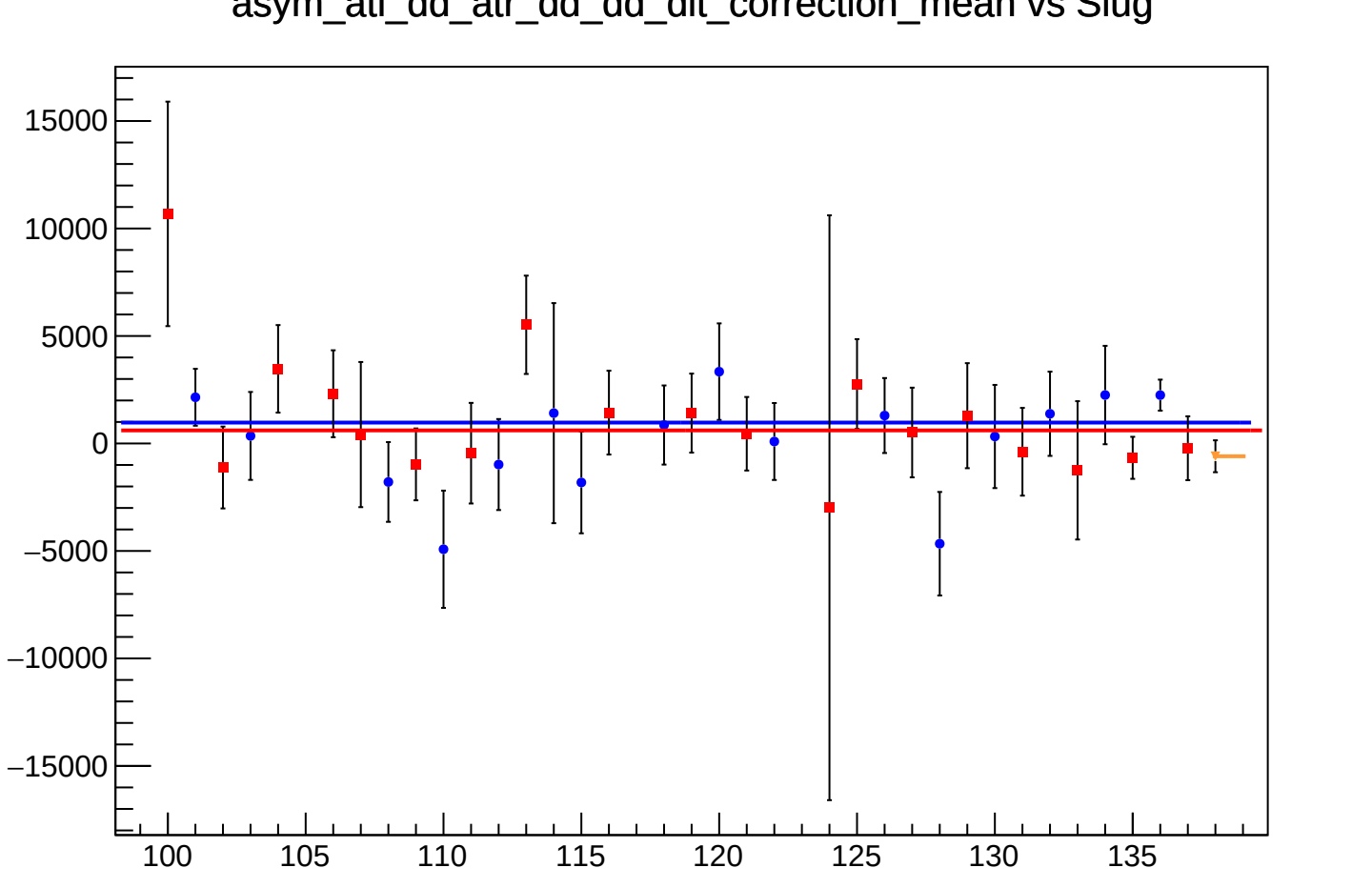
Right Out: 1276.860+/-0.337 χ^2/NDF: 220513.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1280.815+/-0.325 χ^2/NDF: 507104.1/16

All: 1278.908+/-0.234 χ^2/NDF: 727688.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 972.287+/-425.219 χ^2/NDF: 20.4/15

Left Out: -594.940+/-742.591 χ^2/NDF:0.0/0

Right Out: 608.431+/-447.734 χ^2/NDF: 17.1/18

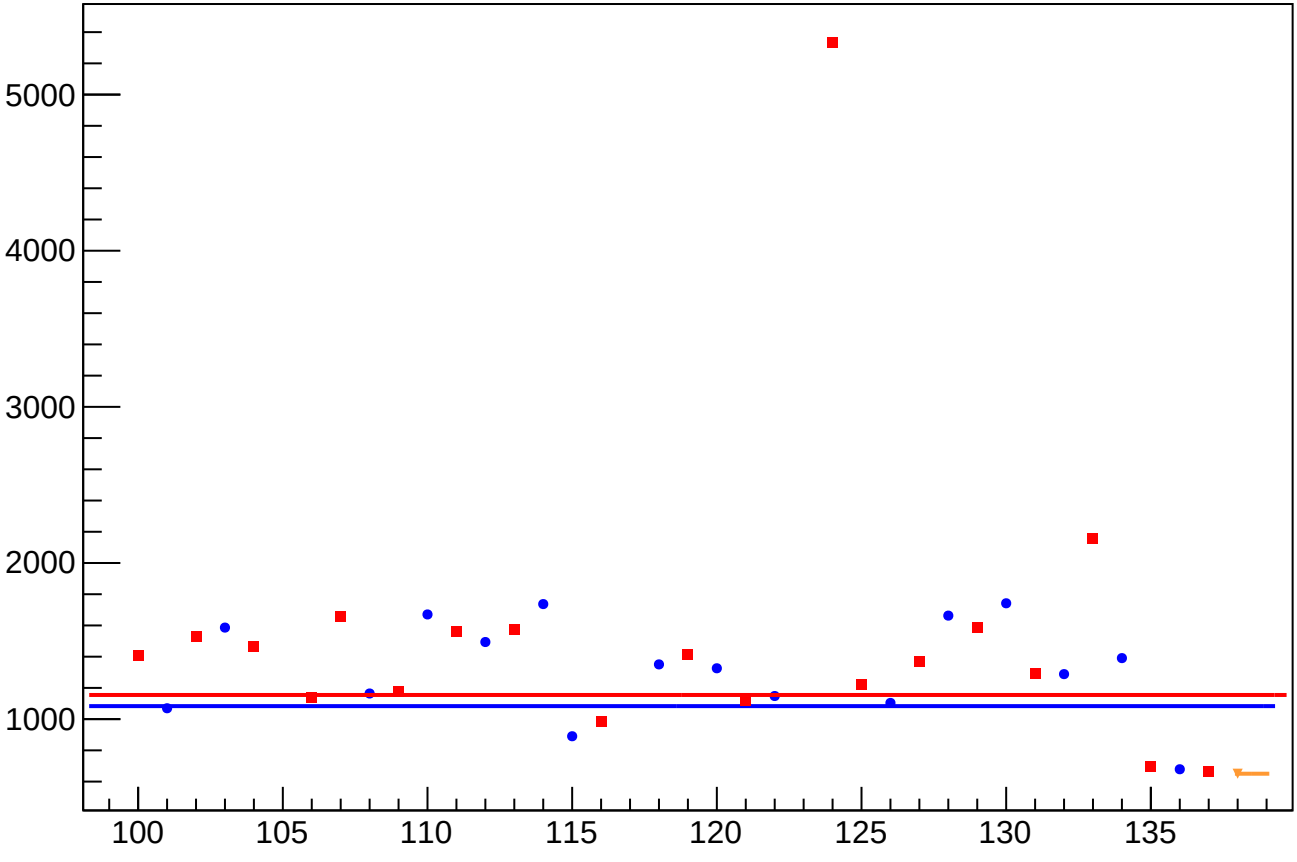
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 585.301+/-369.004 χ^2/NDF: 23.8/16

All: 594.657+/-284.758 χ^2/NDF: 40.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1083.335+/-0.301 χ^2/NDF: 1360153.3/15

Left Out: 650.391+/-0.525 χ^2/NDF:0.0/0

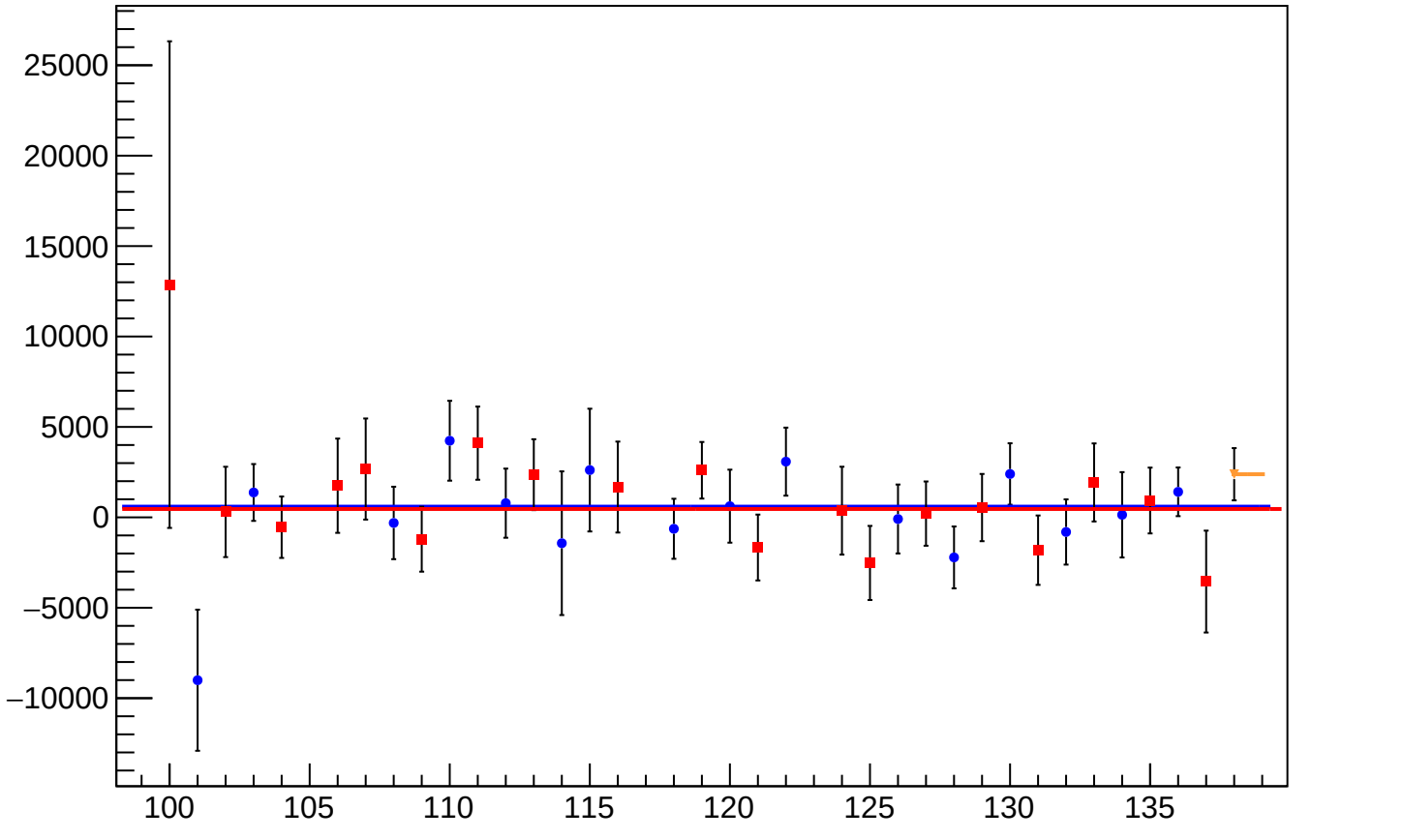
Right Out: 1154.724+/-0.317 χ^2/NDF: 1488304.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 976.430+/-0.261 χ^2/NDF: 1872107.7/16

All: 1048.549+/-0.201 χ^2/NDF: 3549276.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 590.323+/-485.483 χ^2/NDF: 17.1/15

Left Out: 2384.200+/-1444.310 χ^2/NDF:0.0/0

Right Out: 462.605+/-476.795 χ^2/NDF: 16.7/18

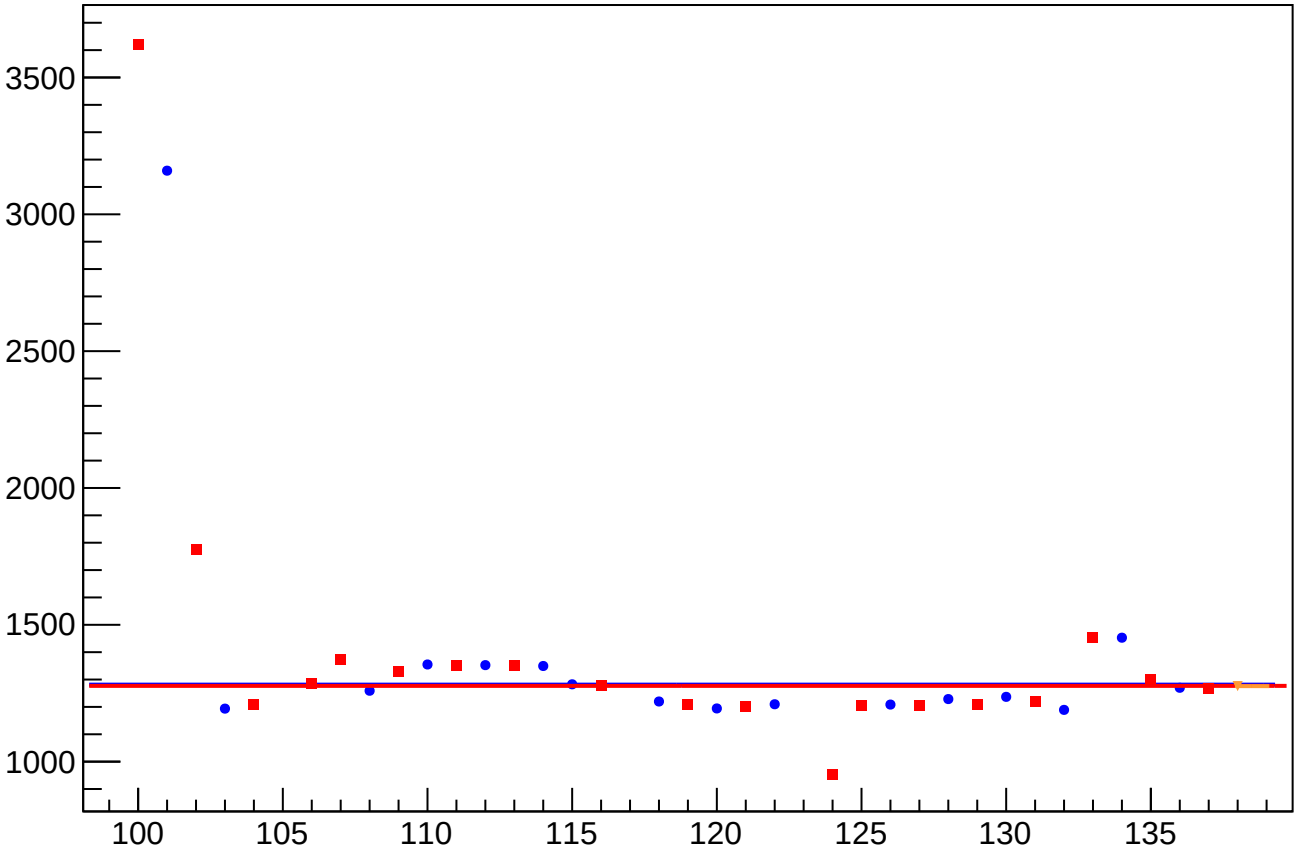
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 772.431+/-460.181 χ^2/NDF: 18.5/16

All: 623.010+/-331.115 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1281.369+/-0.343 χ^2/NDF: 507078.6/15

Left Out: 1275.911+/-1.021 χ^2/NDF:0.0/0

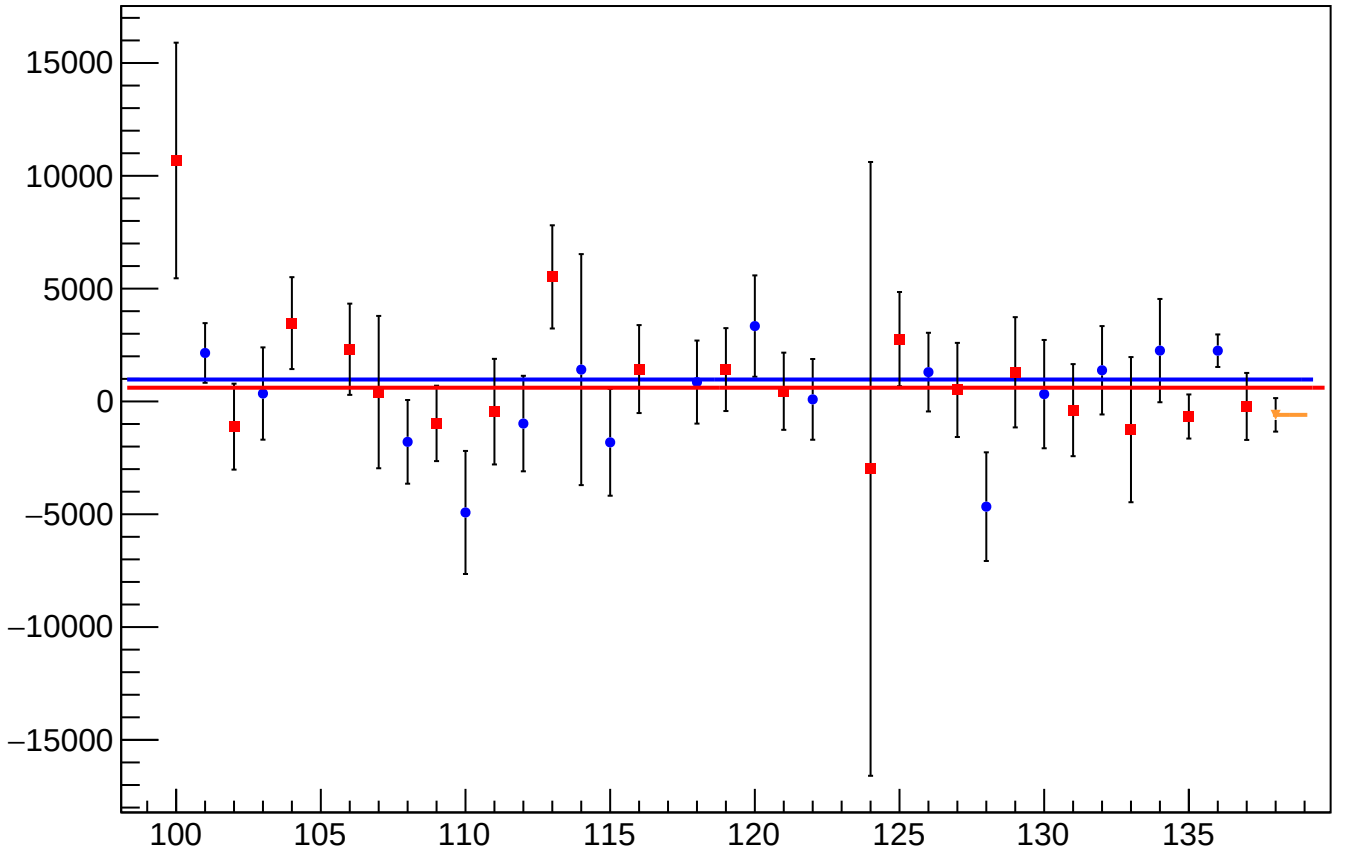
Right Out: 1276.860+/-0.337 χ^2/NDF: 220513.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1280.815+/-0.325 χ^2/NDF: 507104.2/16

All: 1278.907+/-0.234 χ^2/NDF: 727689.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 972.281+/-425.220 χ^2/NDF: 20.4/15

Left Out: -594.955+/-742.606 χ^2/NDF:0.0/0

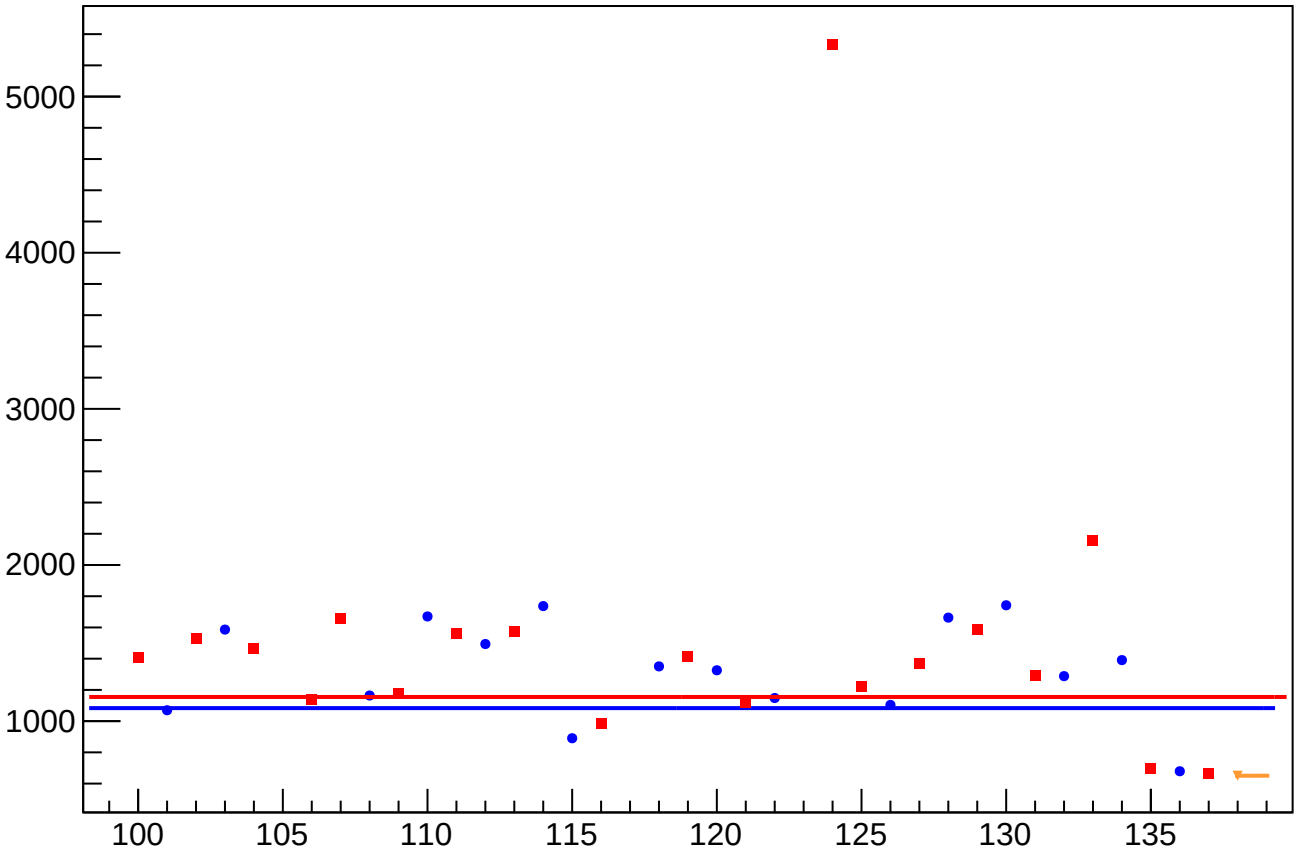
Right Out: 608.441+/-447.736 χ^2/NDF: 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 585.302+/-369.007 χ^2/NDF: 23.8/16

All: 594.662+/-284.759 χ^2/NDF: 40.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1083.341+/-0.301 χ^2/NDF: 1360095.7/15

Left Out: 650.404+/-0.525 χ^2/NDF:0.0/0

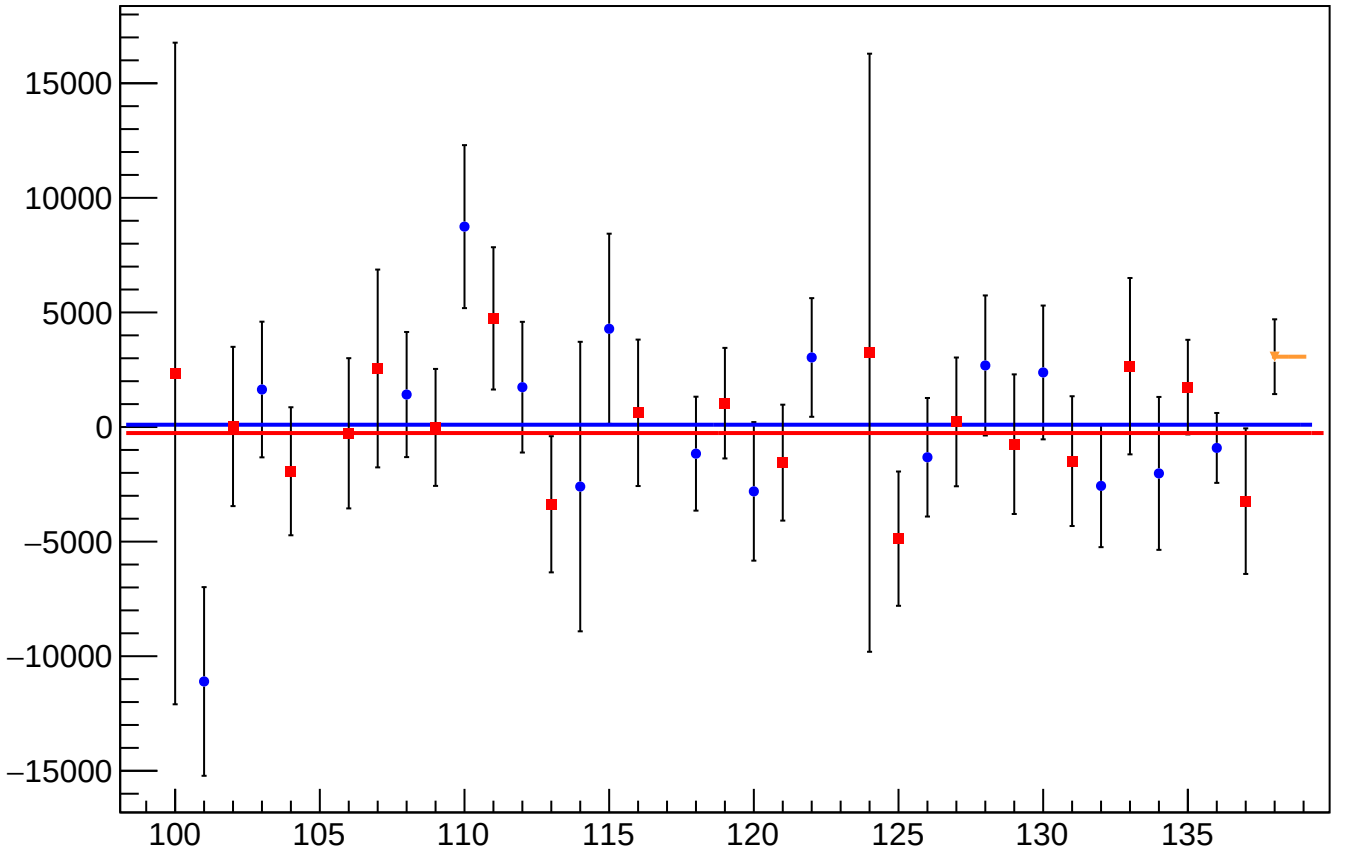
Right Out: 1154.732+/-0.317 χ^2/NDF: 1488251.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 976.441+/-0.261 χ^2/NDF: 1872019.6/16

All: 1048.558+/-0.201 χ^2/NDF: 3549126.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 100.451+/-698.983 χ^2/NDF: 21.3/15

Left Out: 3069.028+/-1631.453 χ^2/NDF:0.0/0

Right Out: -262.731+/-699.724 χ^2/NDF: 10.3/18

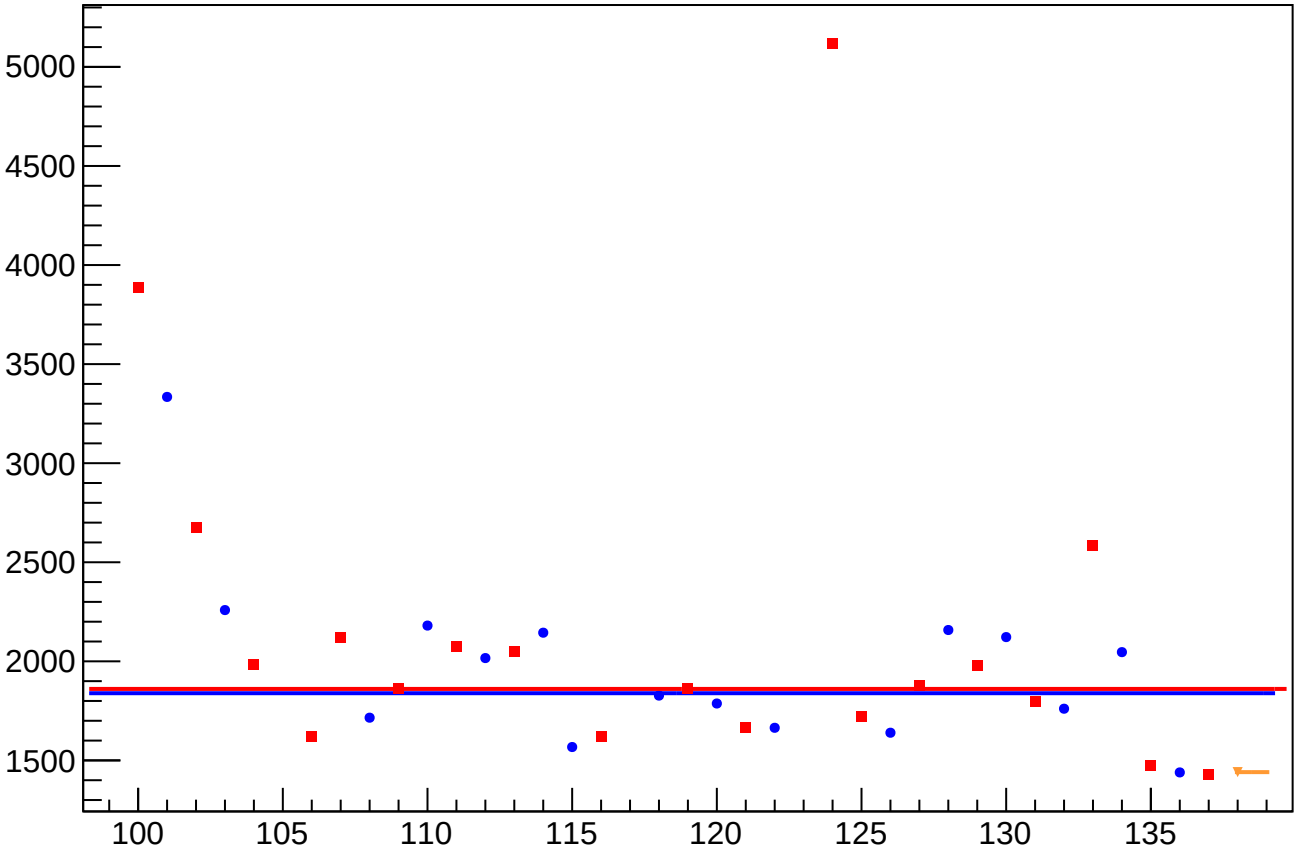
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 560.858+/-642.497 χ^2/NDF: 24.1/16

All: 184.114+/-473.254 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1839.113+/-0.494 χ^2/NDF: 556725.4/15

Left Out: 1440.854+/-1.154 χ^2/NDF:0.0/0

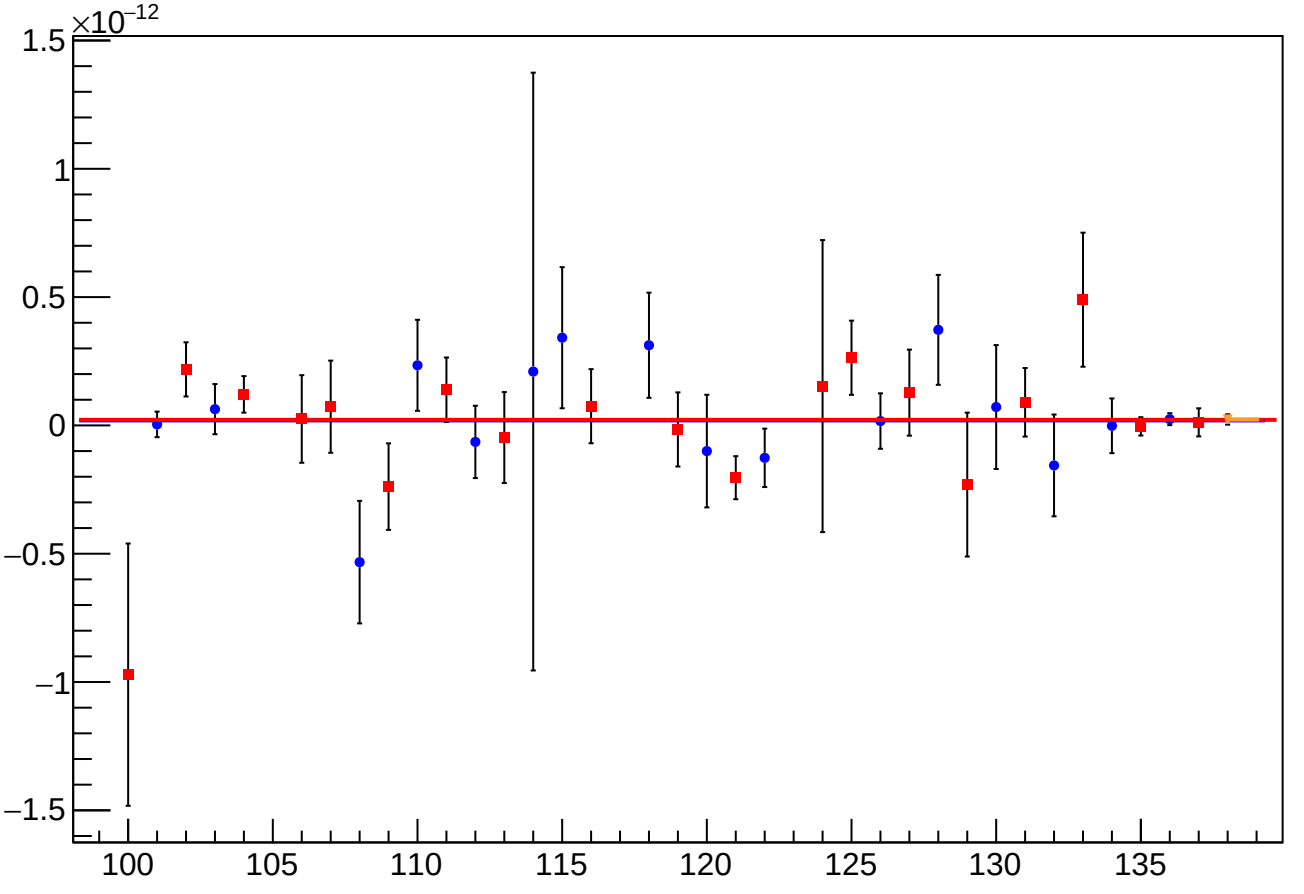
Right Out: 1860.754+/-0.495 χ^2/NDF: 522114.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1777.346+/-0.454 χ^2/NDF: 657423.8/16

All: 1815.501+/-0.335 χ^2/NDF: 1194956.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

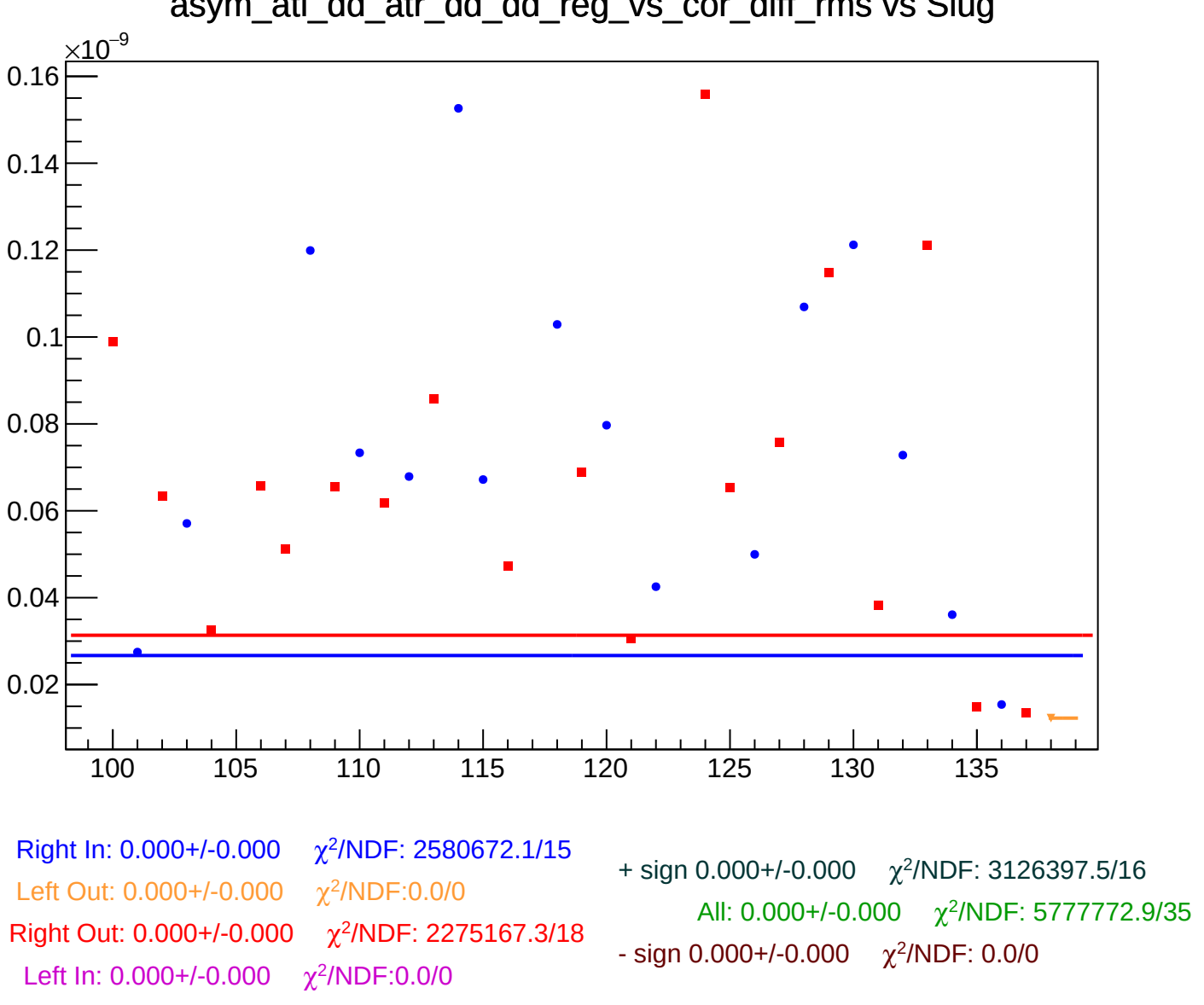
Right Out: 0.000+/-0.000 χ^2/NDF: 28.2/18

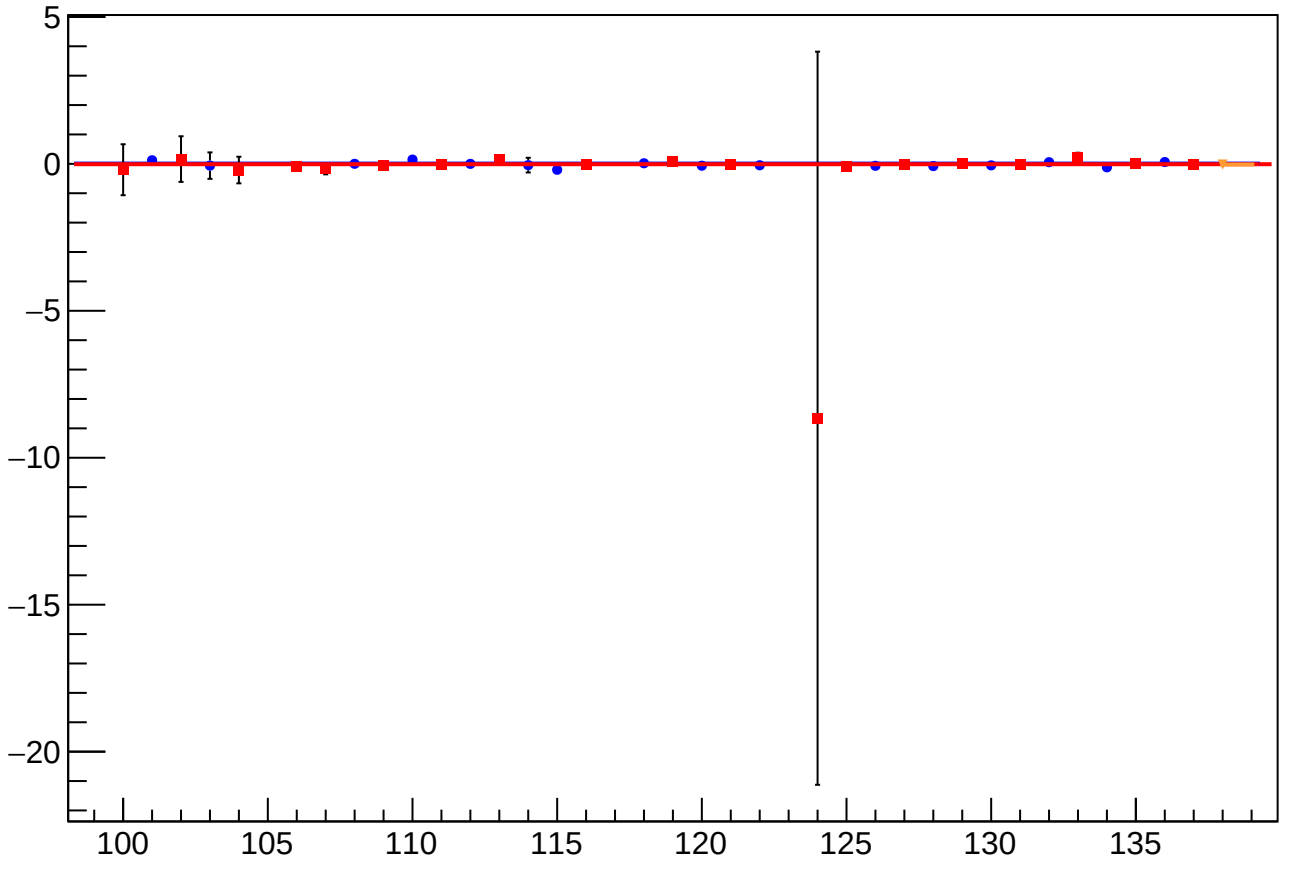
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 16.5/16

All: 0.000+/-0.000 χ^2/NDF: 44.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2580672.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2275167.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3126397.5/16
All: 0.000+/-0.000 χ²/NDF: 5777772.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

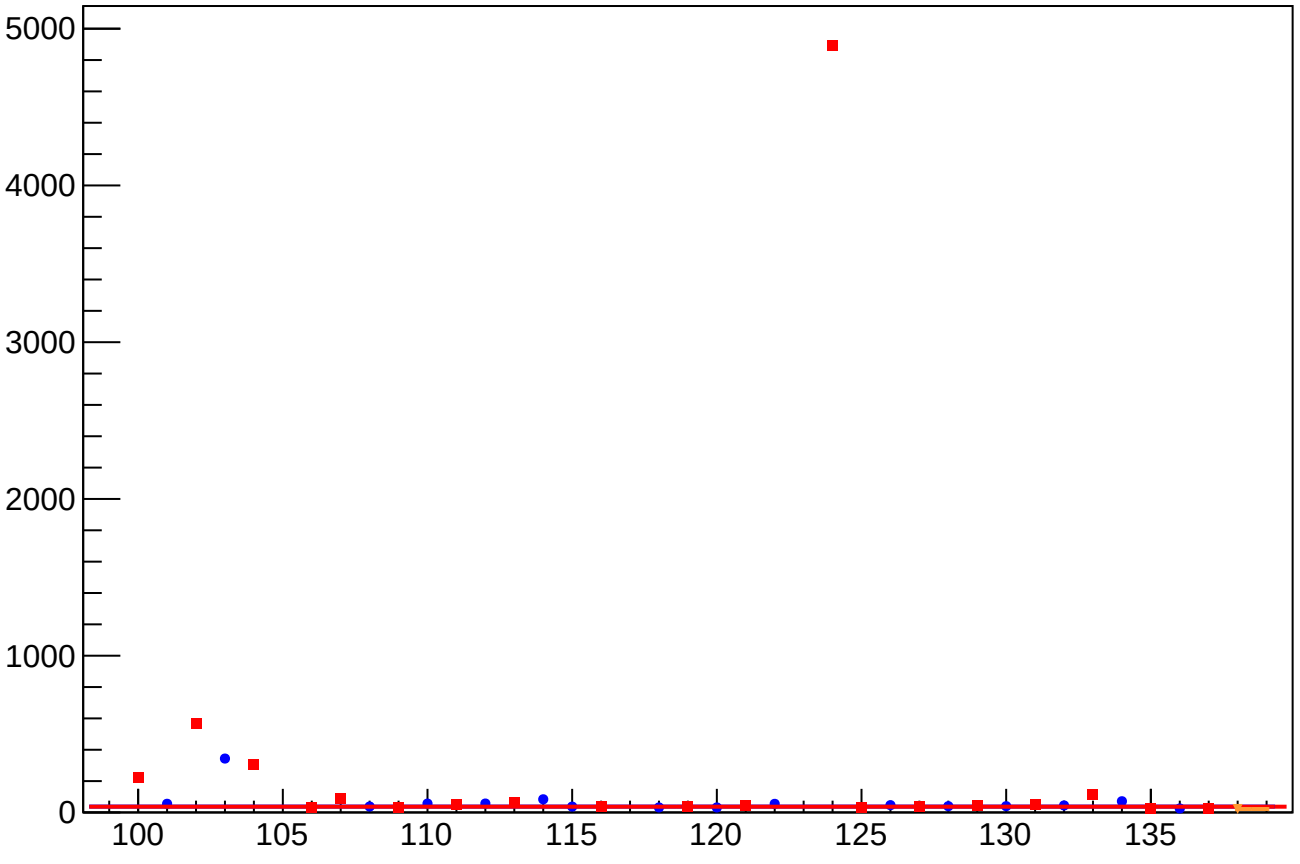
Right Out: -0.012+/-0.017 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.494+/-0.011 χ^2/NDF: 1983275.6/15

Left Out: 21.952+/-0.020 χ^2/NDF:0.0/0

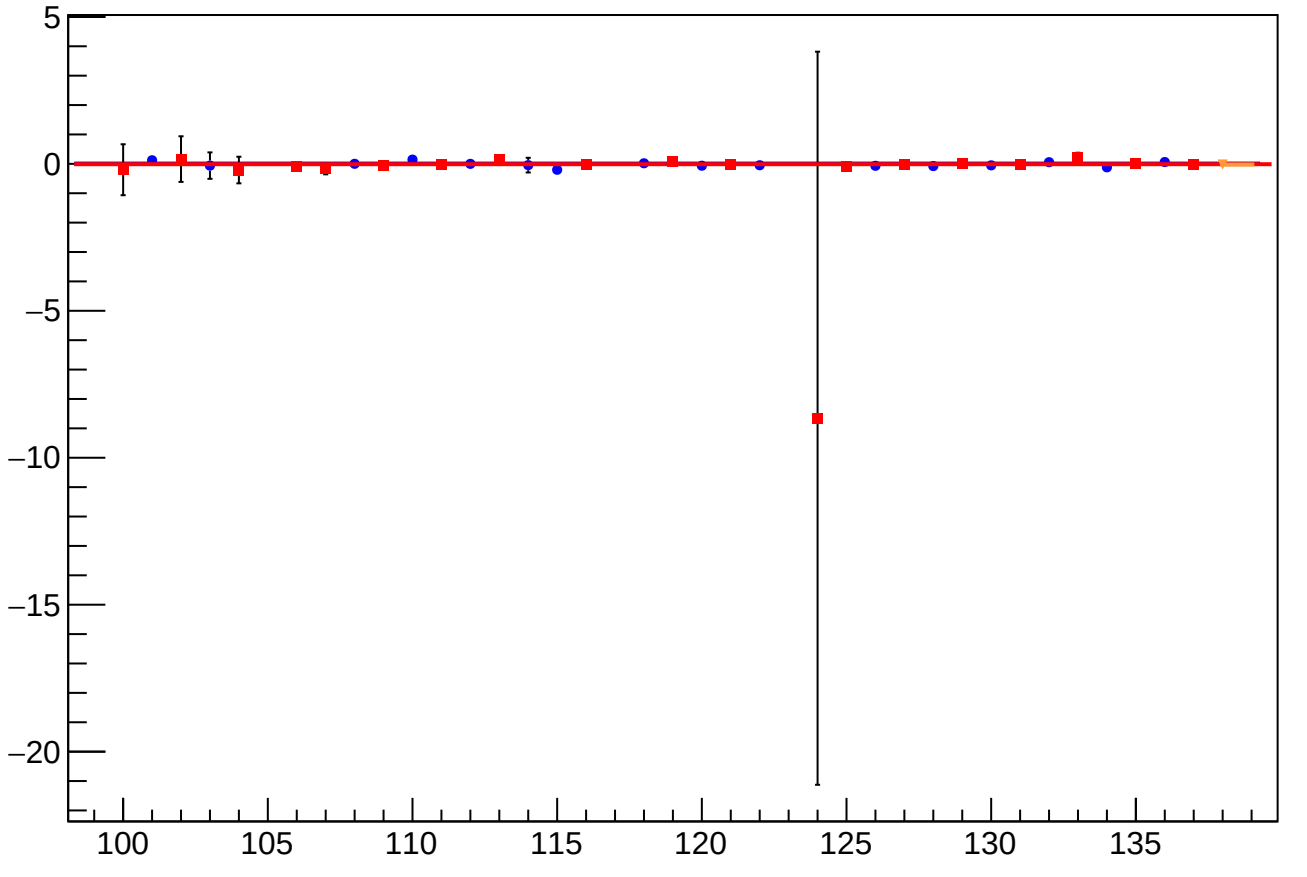
Right Out: 36.767+/-0.012 χ^2/NDF: 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.777+/-0.010 χ^2/NDF: 2430294.5/16

All: 35.021+/-0.008 χ^2/NDF: 5658818.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

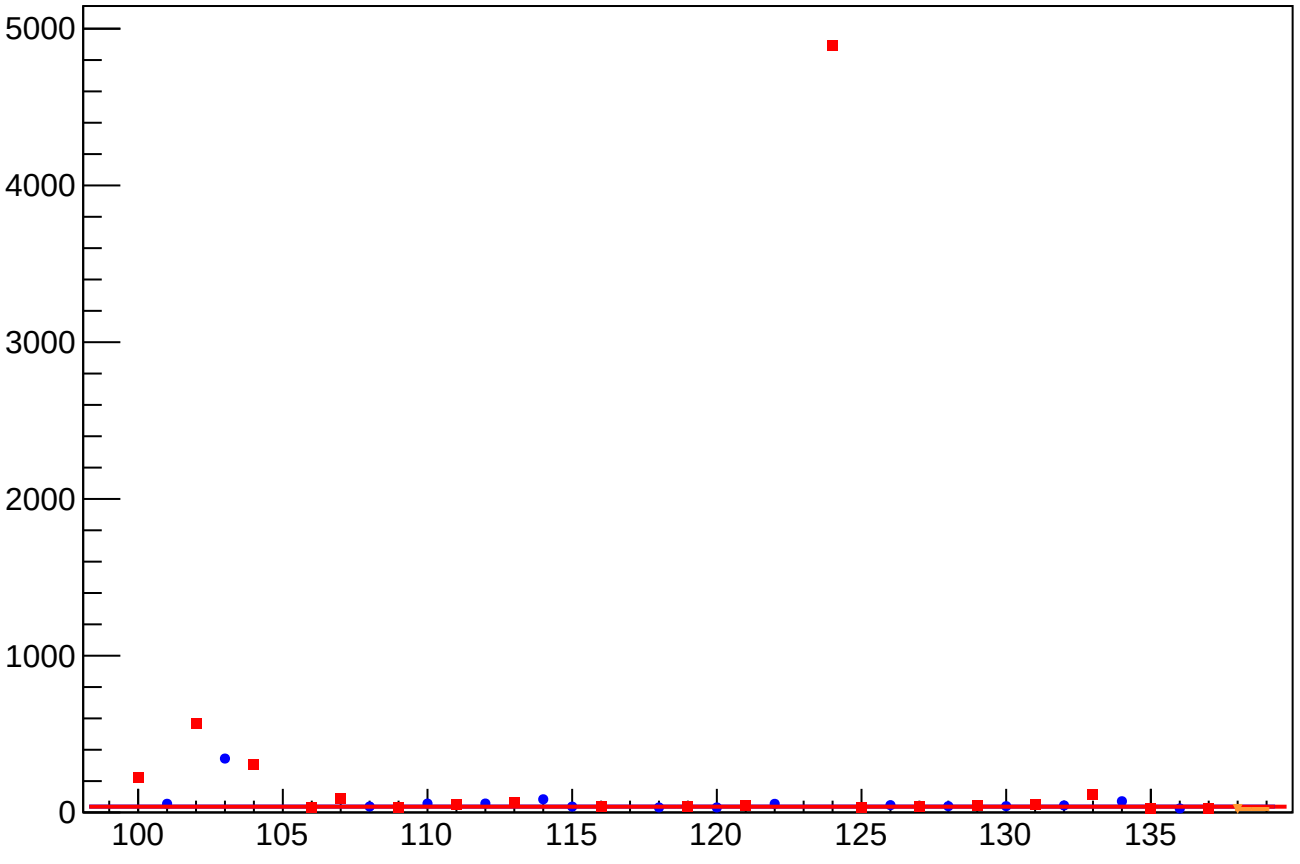
Right Out: -0.012+/-0.017 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.494+/-0.011 χ^2/NDF: 1983275.6/15

Left Out: 21.952+/-0.020 χ^2/NDF:0.0/0

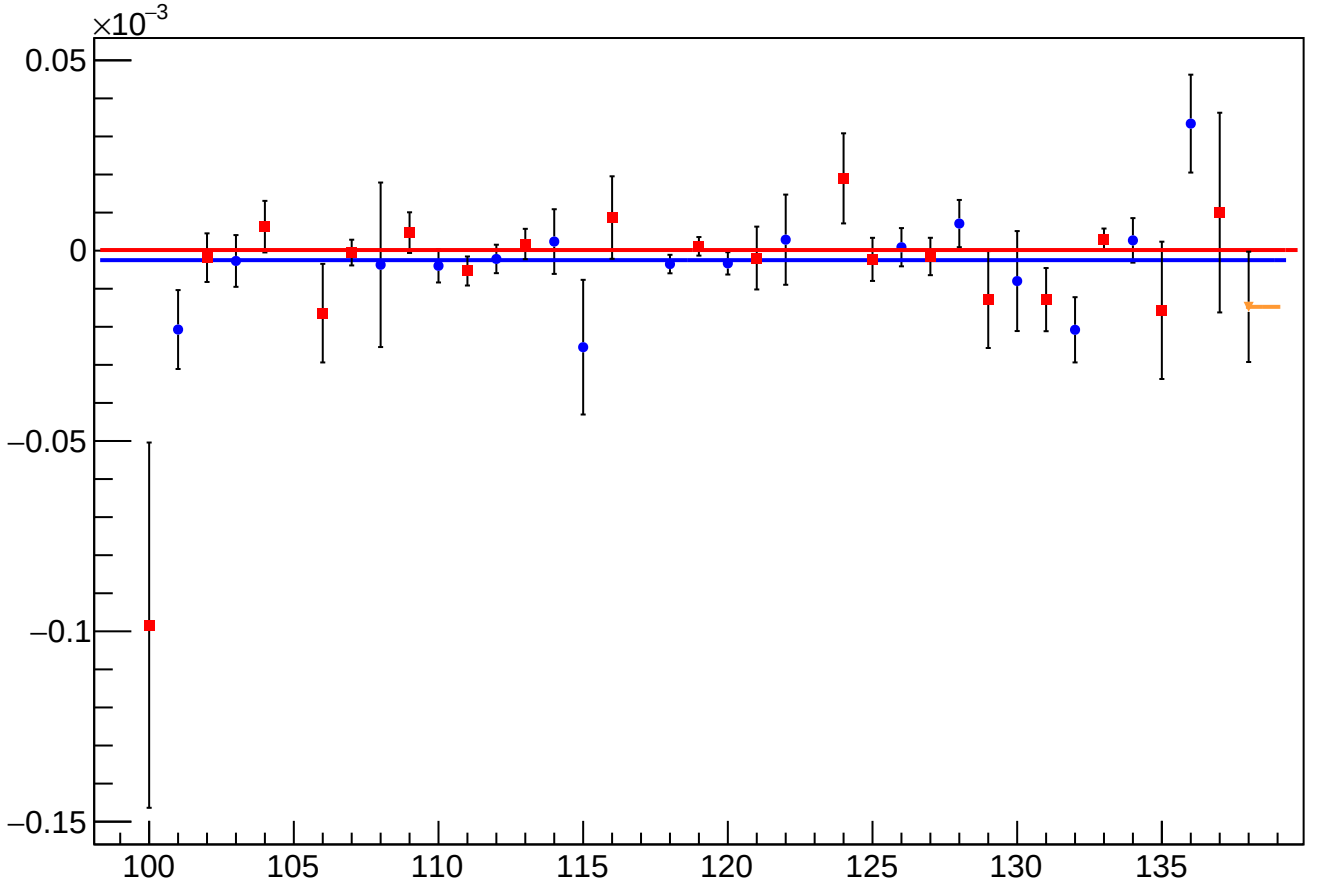
Right Out: 36.767+/-0.012 χ^2/NDF: 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.777+/-0.010 χ^2/NDF: 2430294.5/16

All: 35.021+/-0.008 χ^2/NDF: 5658818.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 21.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

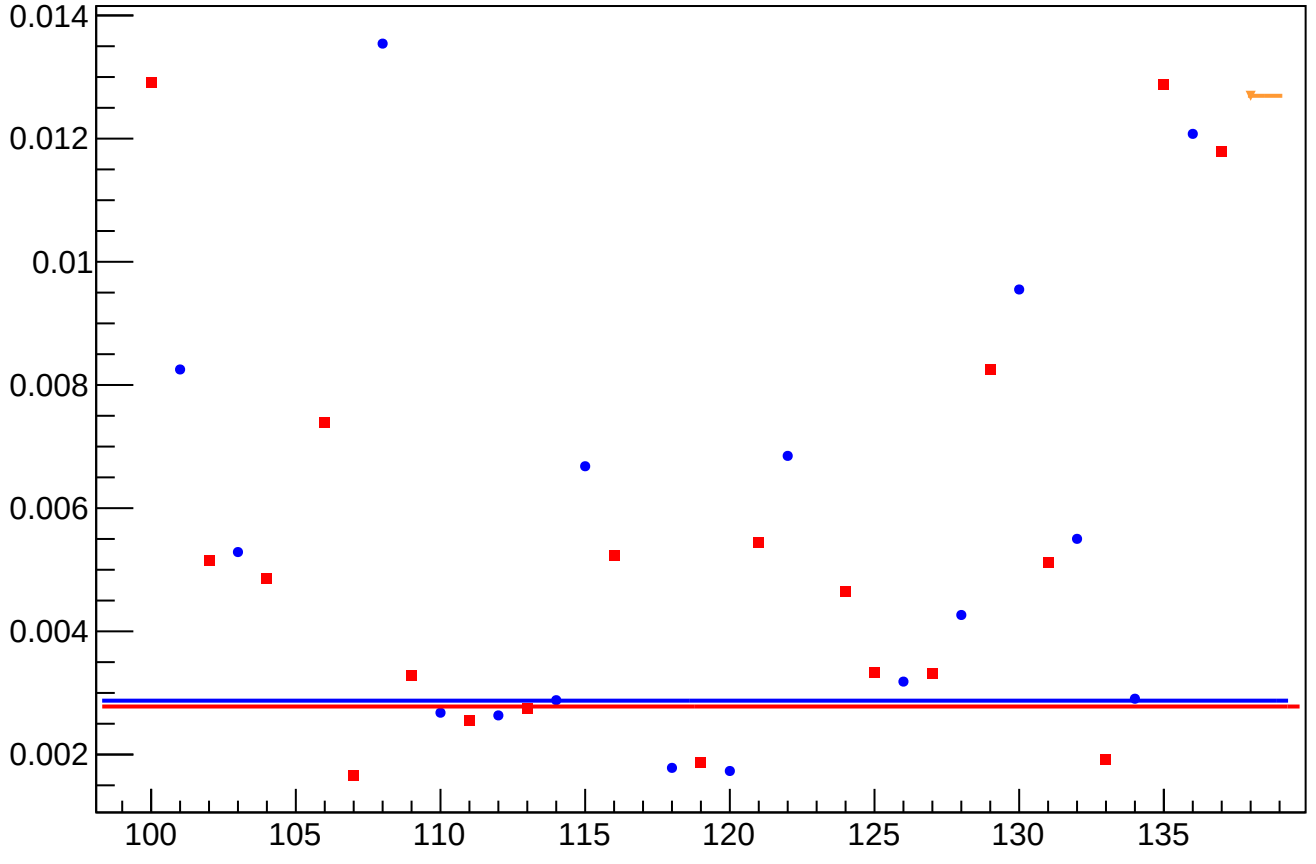
Right Out: 0.000+/-0.000 χ^2/NDF: 18.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.6/16

All: -0.000+/-0.000 χ^2/NDF: 43.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.000 χ^2/NDF: 4152056.9/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

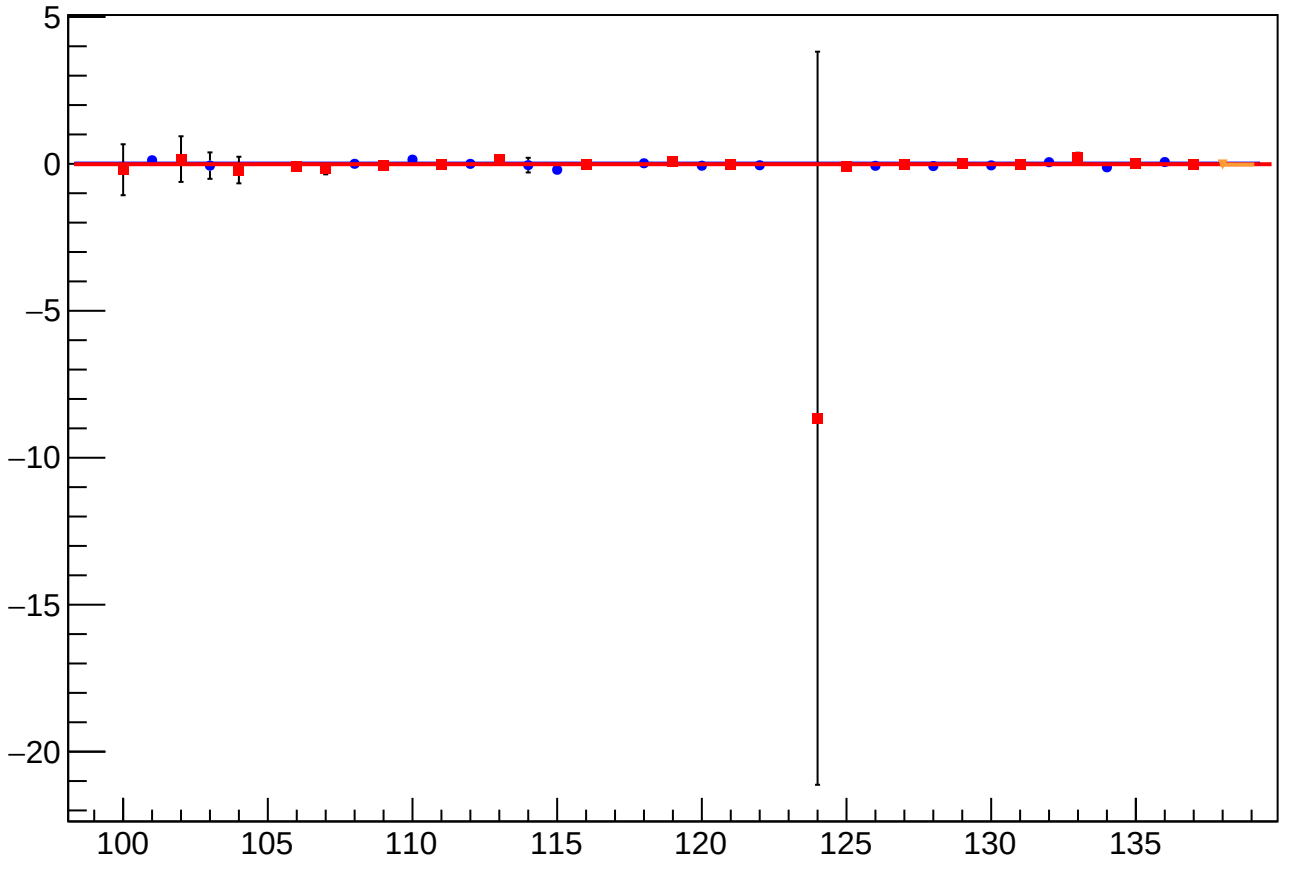
Right Out: 0.003+/-0.000 χ^2/NDF: 3311178.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 5063018.3/16

All: 0.003+/-0.000 χ^2/NDF: 8393955.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

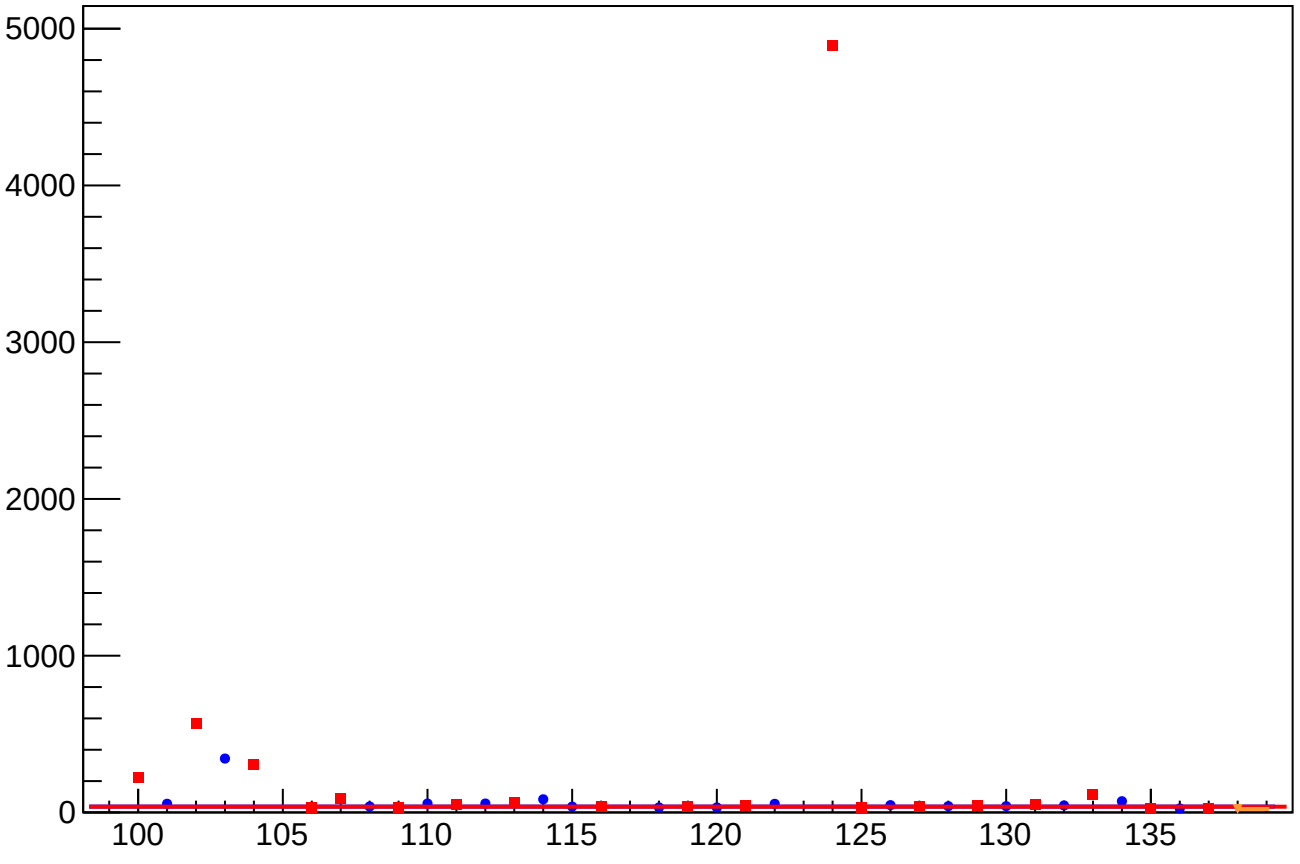
Right Out: -0.013+/-0.017 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.495+/-0.011 χ^2/NDF: 1983206.3/15

Left Out: 21.947+/-0.020 χ^2/NDF:0.0/0

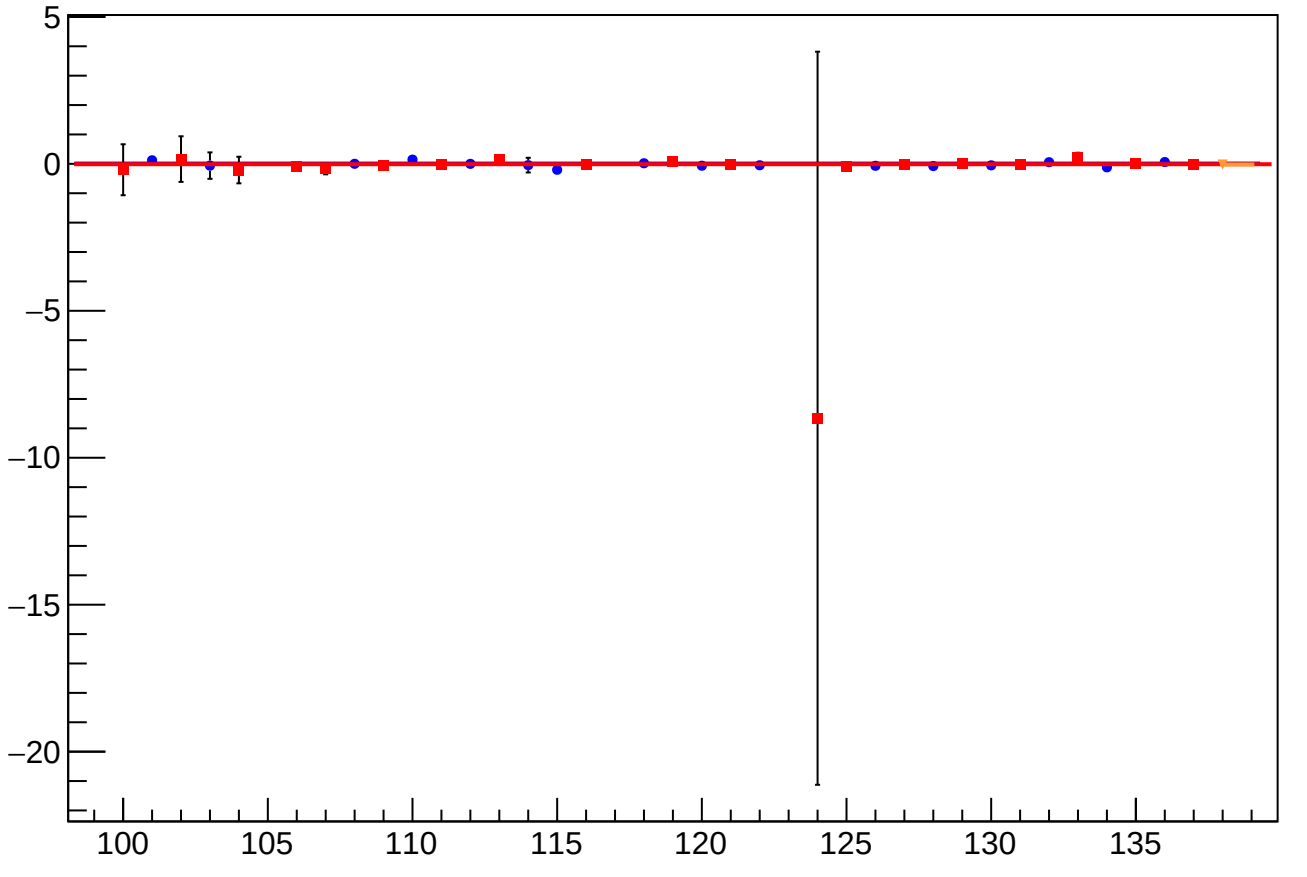
Right Out: 36.769+/-0.012 χ^2/NDF: 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.775+/-0.010 χ^2/NDF: 2430592.0/16

All: 35.020+/-0.008 χ^2/NDF: 5658892.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

Right Out: -0.013+/-0.017 χ^2/NDF: 12.6/18

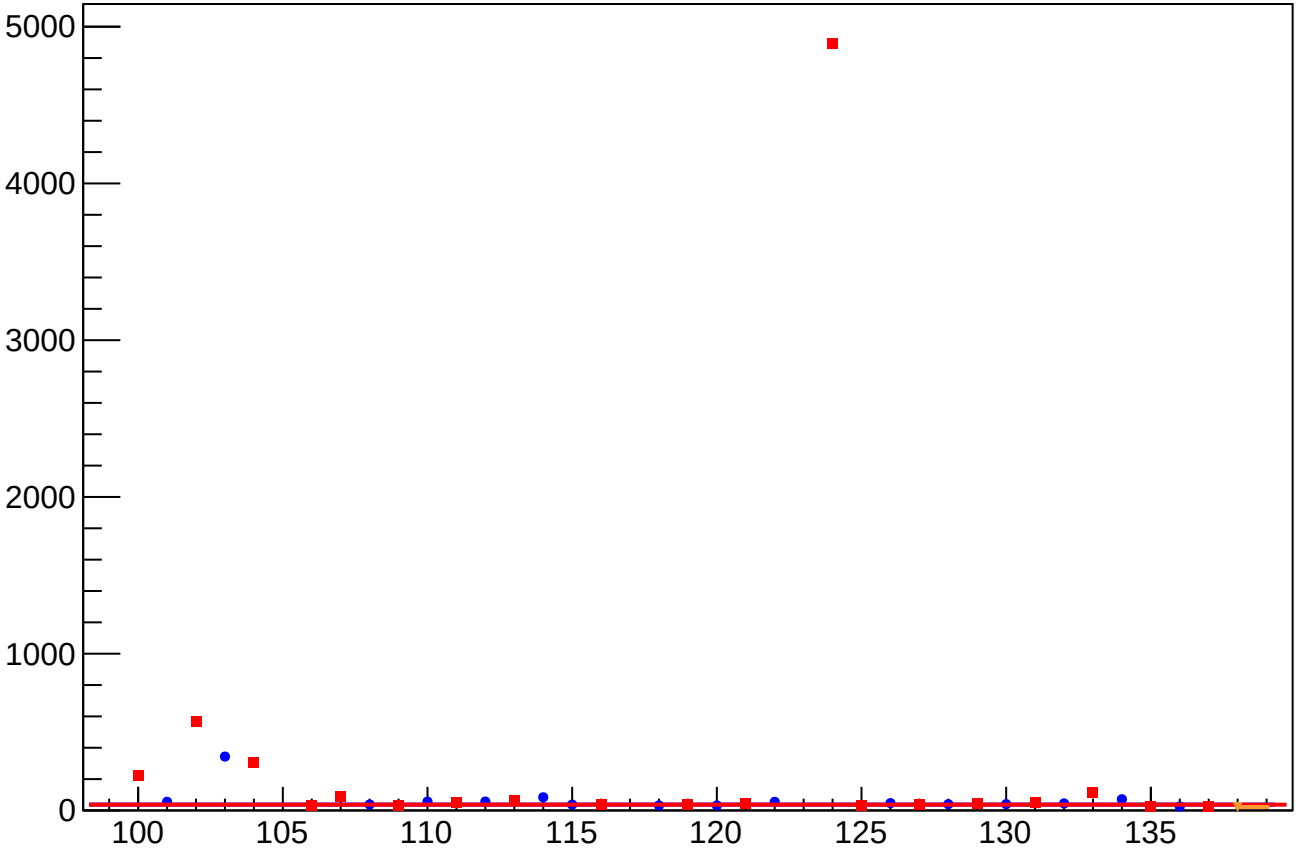
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.495+/-0.011 χ^2/NDF: 1983206.3/15

Left Out: 21.947+/-0.020 χ^2/NDF:0.0/0

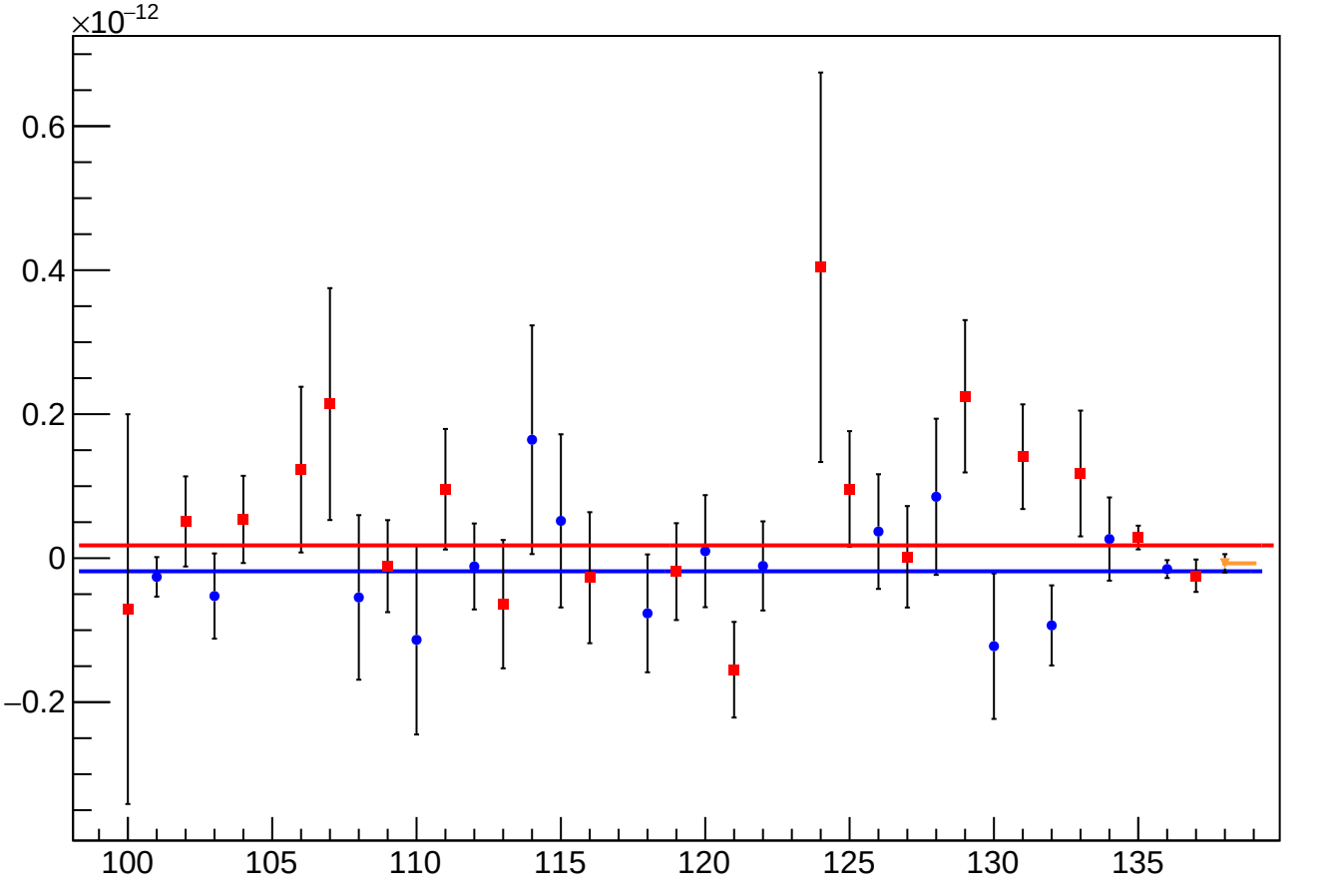
Right Out: 36.769+/-0.012 χ^2/NDF: 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.775+/-0.010 χ^2/NDF: 2430592.0/16

All: 35.020+/-0.008 χ^2/NDF: 5658892.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 8.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

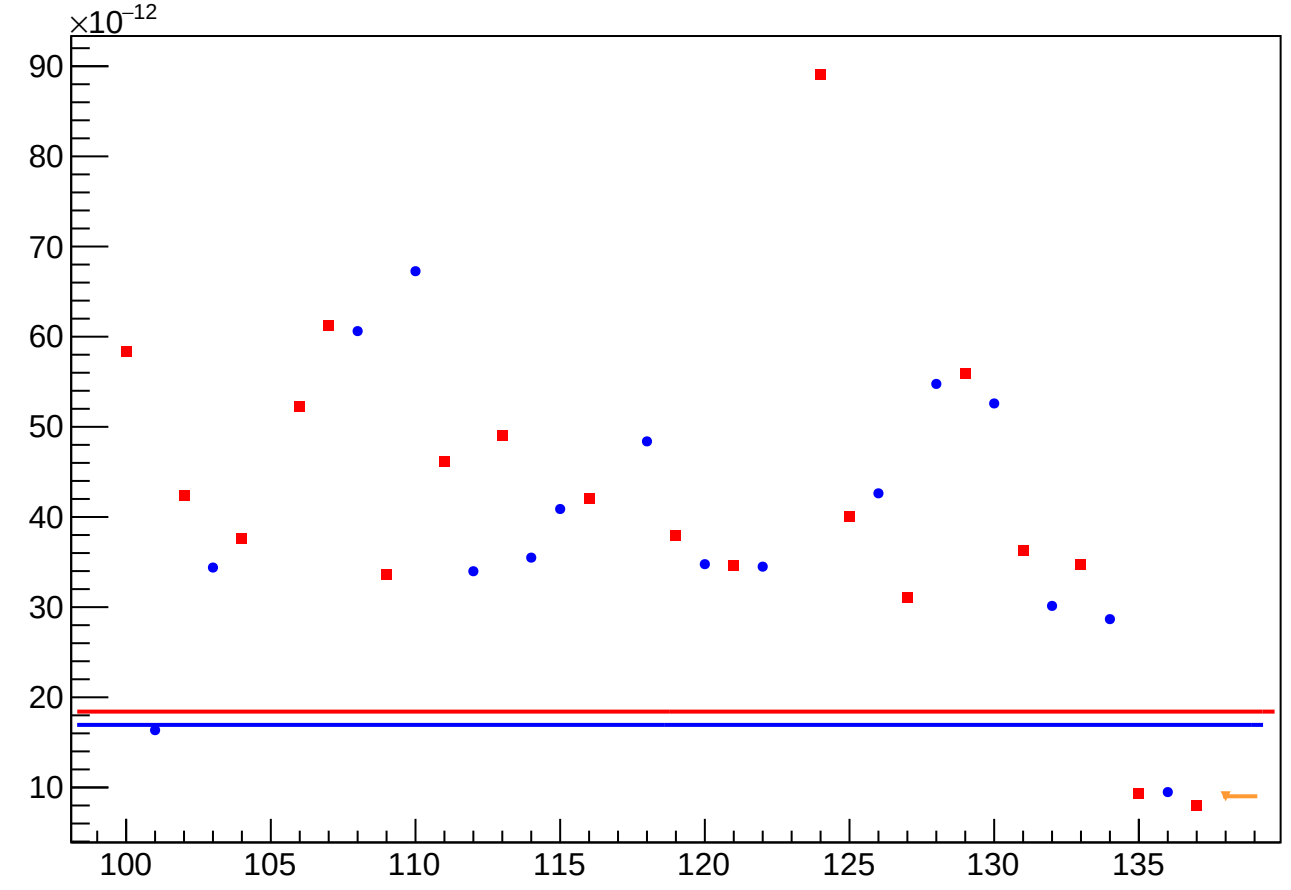
Right Out: 0.000+/-0.000 χ^2/NDF: 27.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 8.8/16

All: -0.000+/-0.000 χ^2/NDF: 41.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3207856.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3674861.8/18

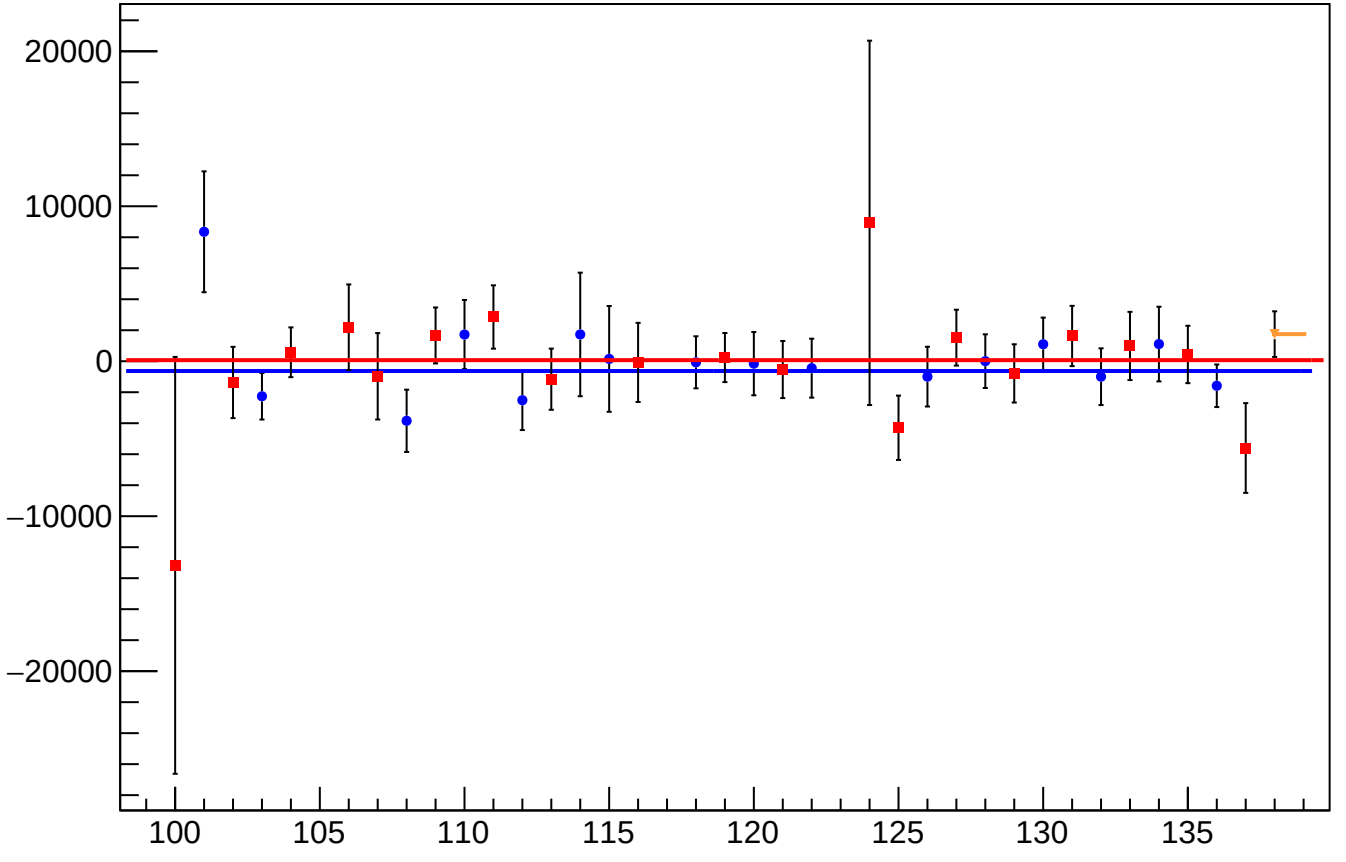
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3689341.5/16

All: 0.000+/-0.000 χ^2/NDF: 7581248.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -631.041+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.176+/-1472.063 χ^2/NDF:0.0/0

Right Out: 67.642+/-487.761 χ^2/NDF: 15.9/18

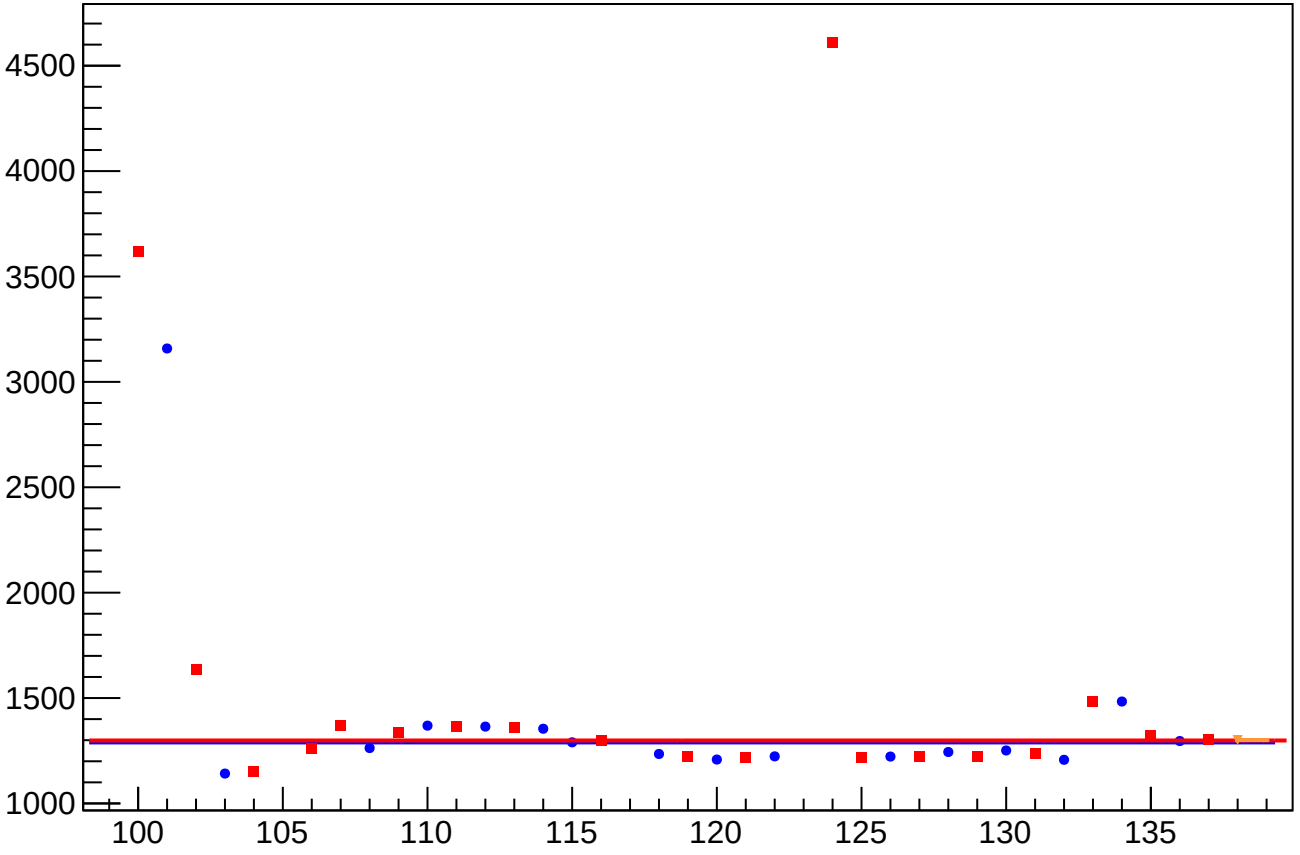
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -394.785+/-463.777 χ^2/NDF: 16.3/16

All: -175.219+/-336.099 χ^2/NDF: 32.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514675.0/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

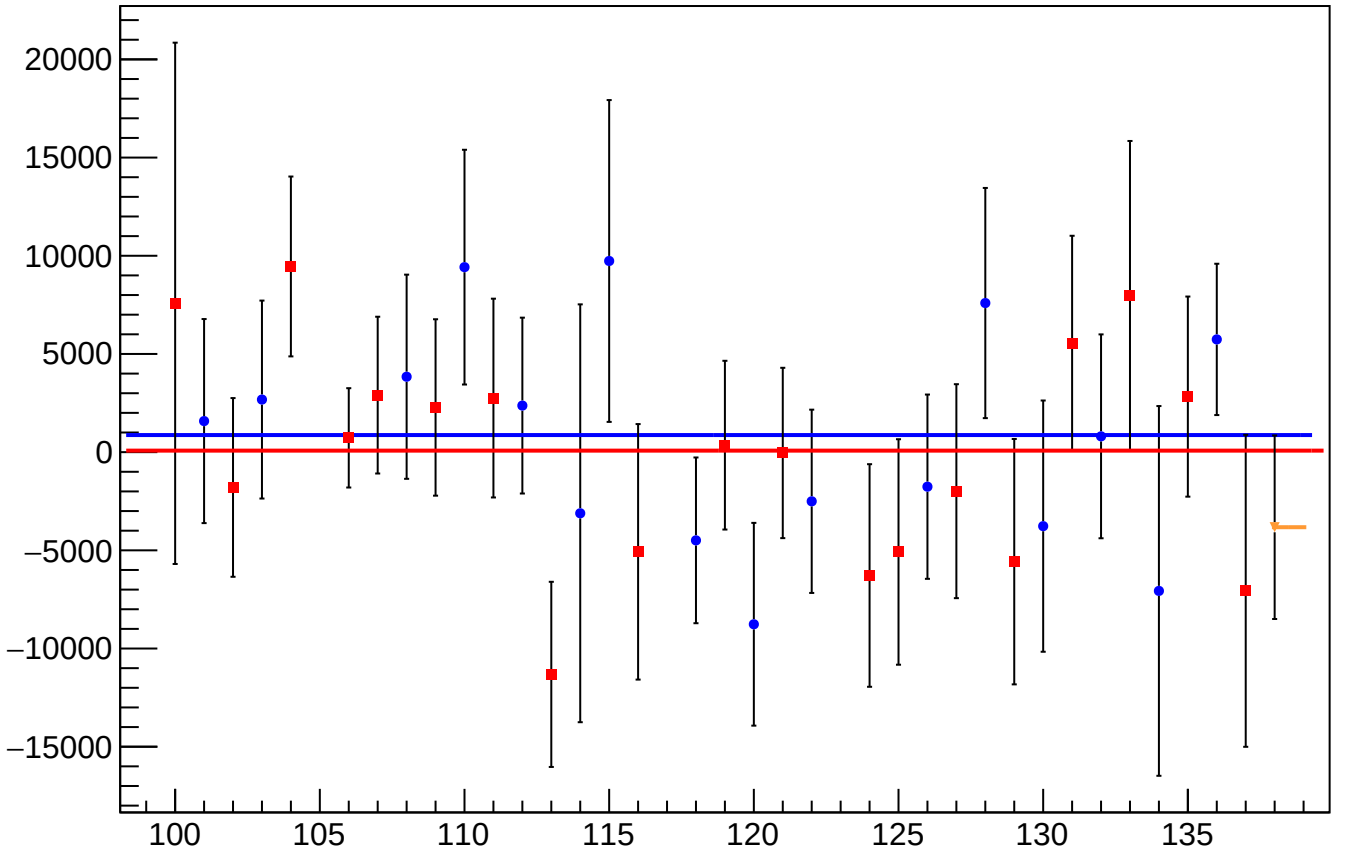
Right Out: 1298.656+/-0.344 χ^2/NDF: 319374.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1290.554+/-0.328 χ^2/NDF: 514774.9/16

All: 1294.411+/-0.237 χ^2/NDF: 834440.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 870.295+/-1325.278 χ^2/NDF: 14.0/15

Left Out: -3822.471+/-4673.884 χ^2/NDF:0.0/0

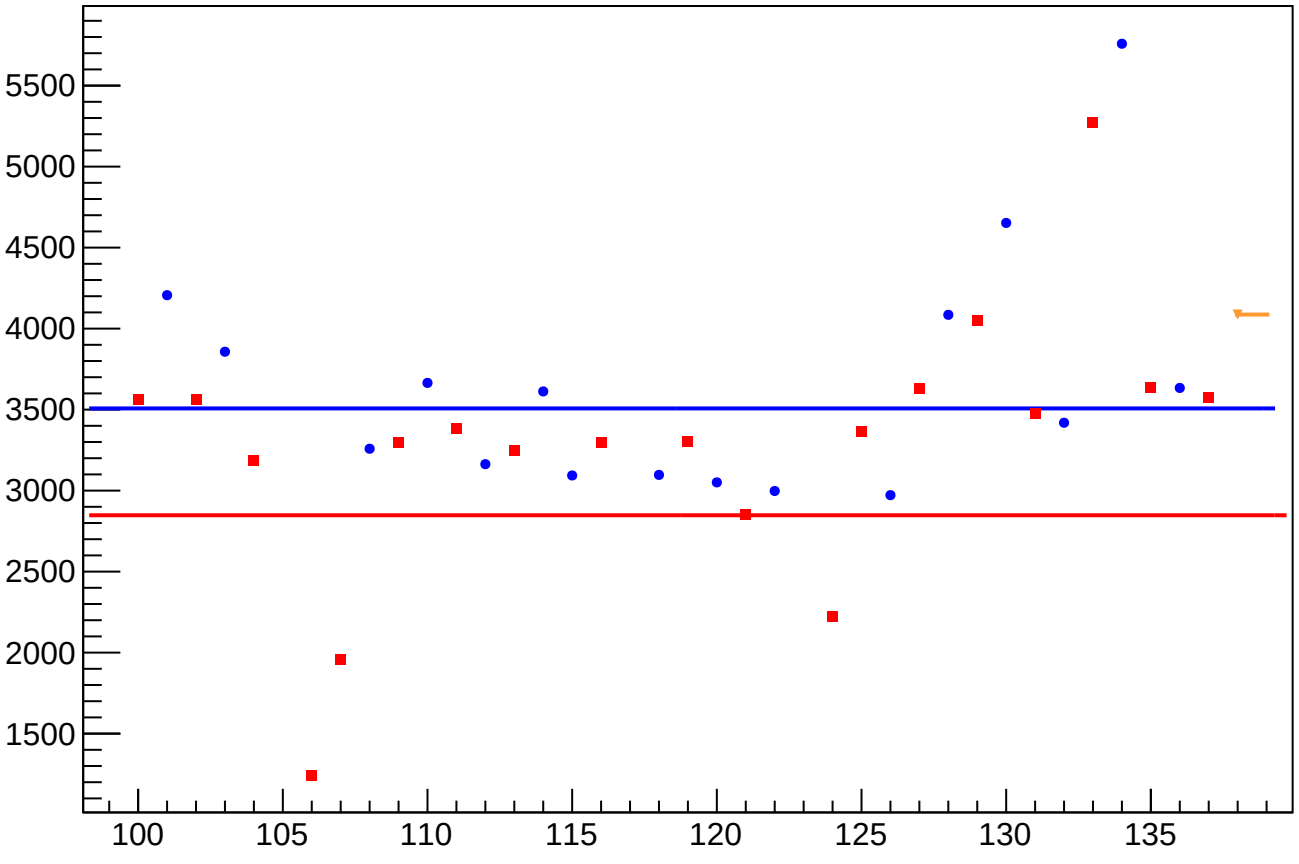
Right Out: 77.323+/-1111.074 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 521.072+/-1275.013 χ^2/NDF: 15.0/16

All: 268.853+/-837.652 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3507.397+/-0.937 χ^2/NDF: 353979.1/15

Left Out: 4086.792+/-3.305 χ^2/NDF:0.0/0

Right Out: 2847.833+/-0.786 χ^2/NDF: 1499373.6/18

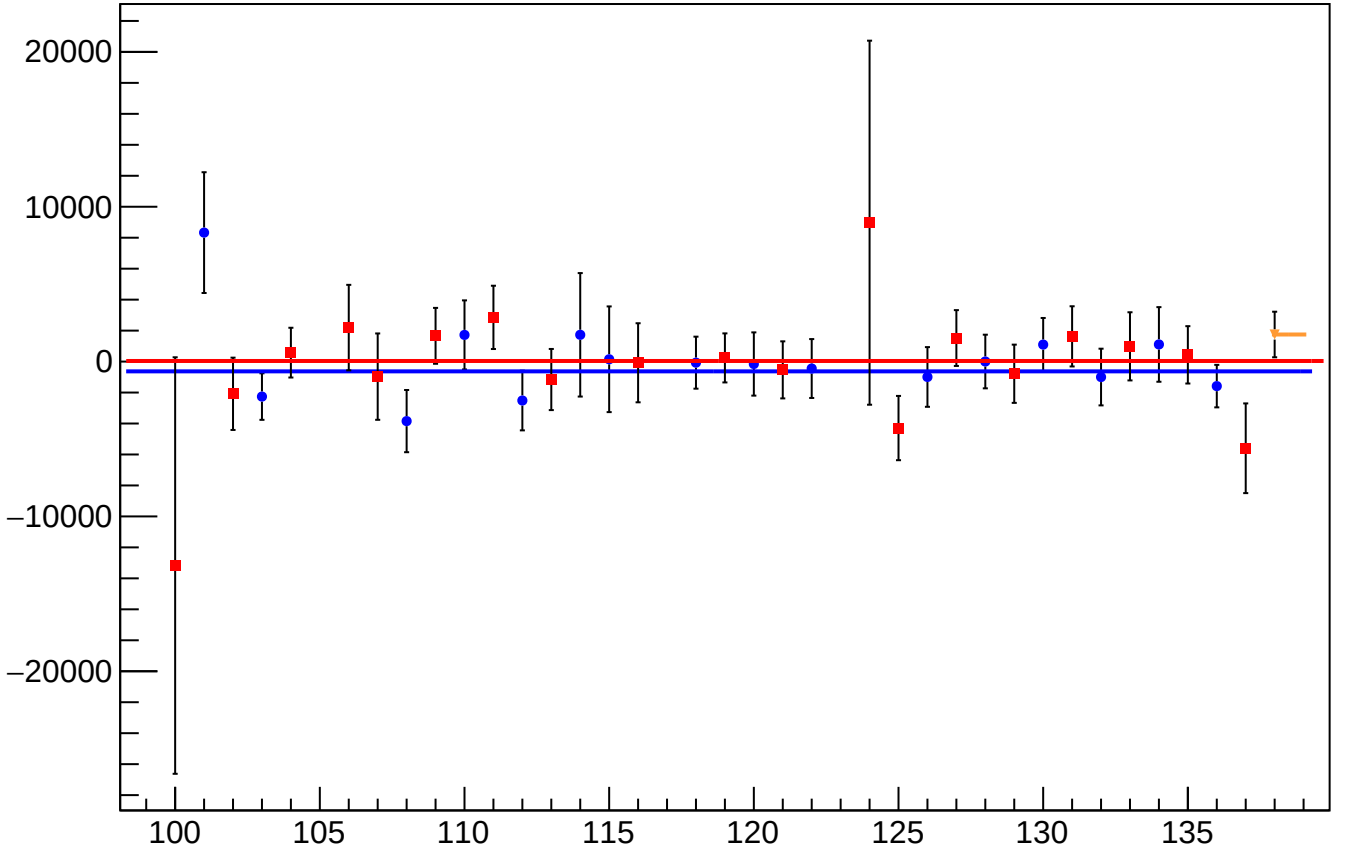
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3550.514+/-0.902 χ^2/NDF: 382426.3/16

All: 3151.122+/-0.592 χ^2/NDF: 2227069.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -631.427+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.097+/-1472.063 χ^2/NDF:0.0/0

Right Out: 38.623+/-488.084 χ^2/NDF: 16.3/18

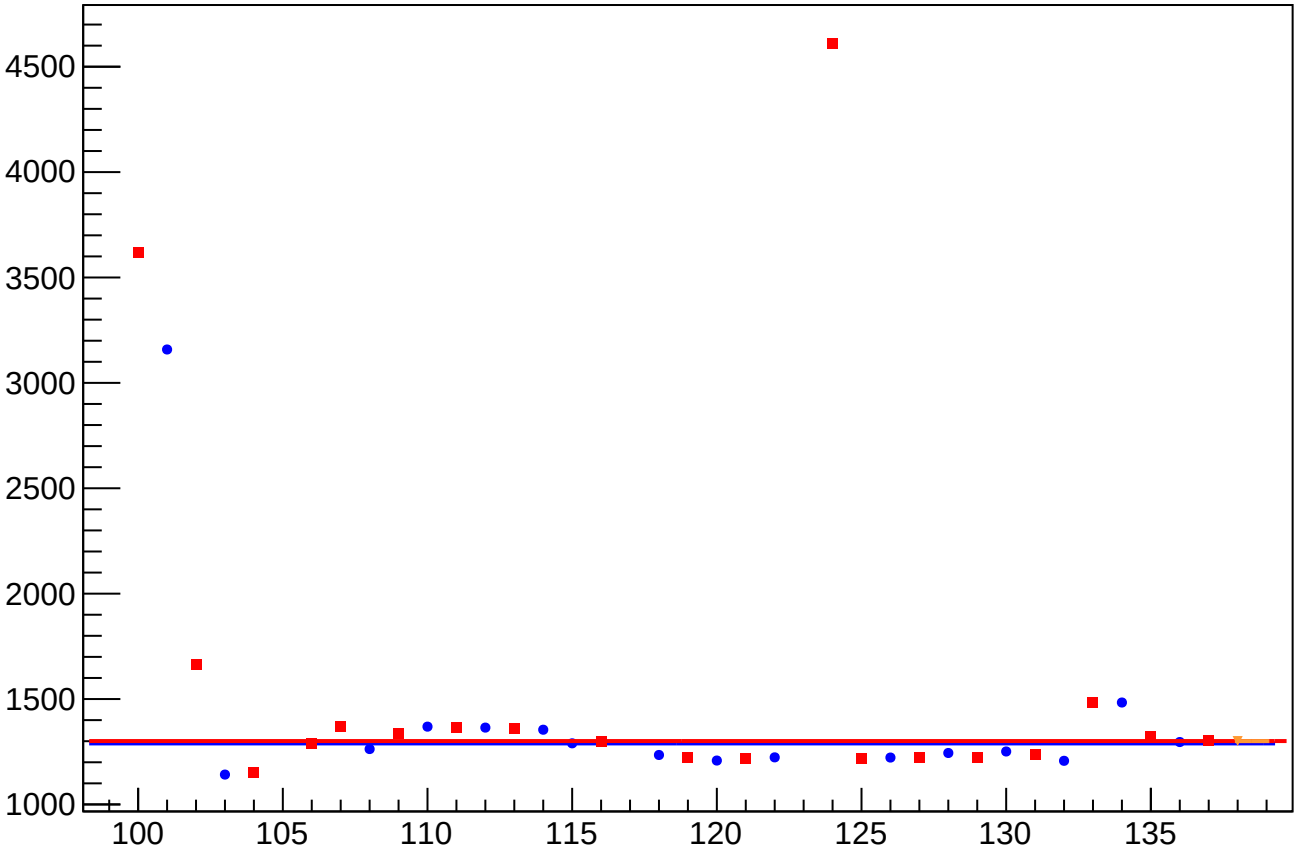
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -395.140+/-463.777 χ^2/NDF: 16.2/16

All: -189.328+/-336.205 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514676.5/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

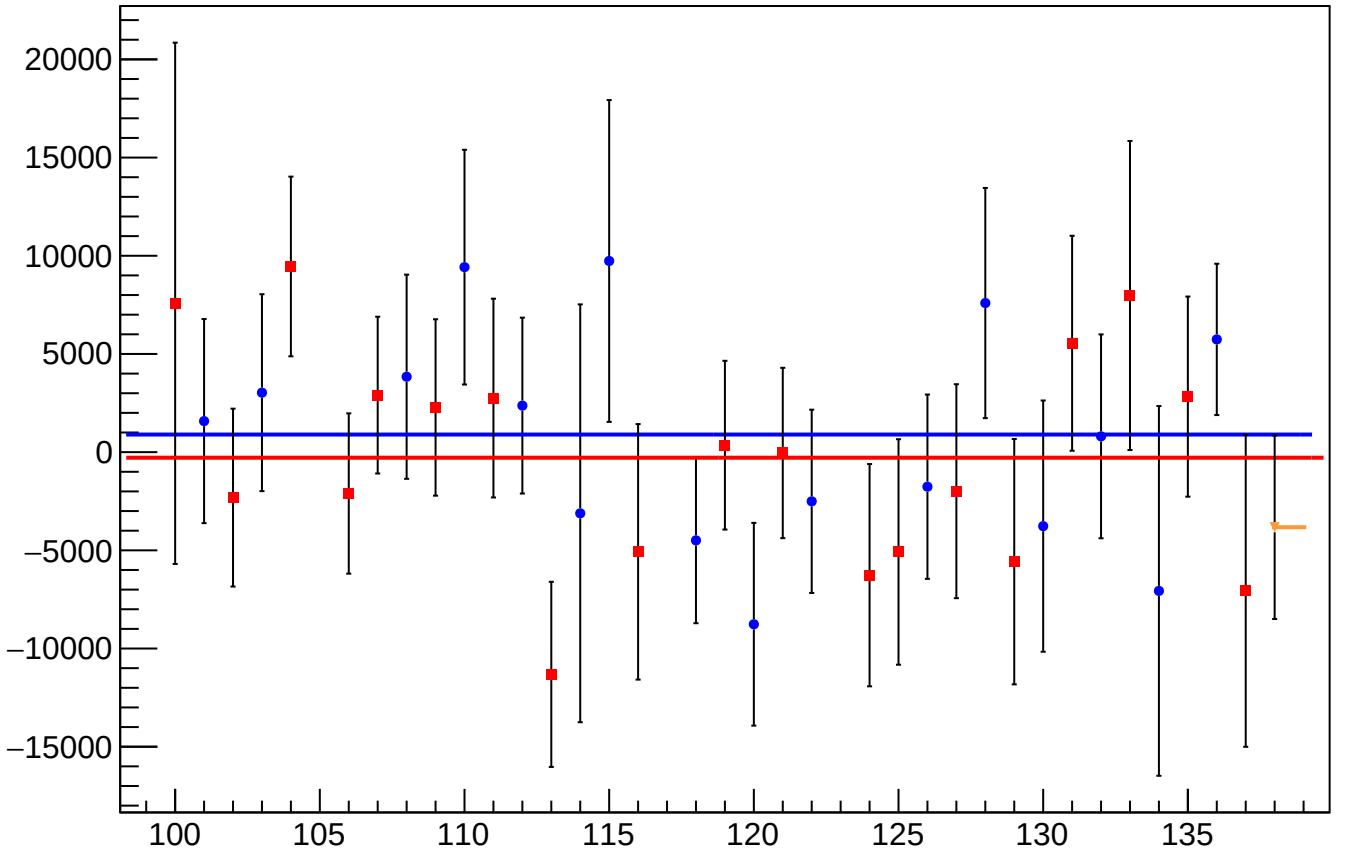
Right Out: 1300.684+/-0.344 χ^2/NDF: 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1290.554+/-0.328 χ^2/NDF: 514776.3/16

All: 1295.370+/-0.238 χ^2/NDF: 841137.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 896.017+/-1324.823 χ^2/NDF: 14.1/15

Left Out: -3822.622+/-4673.882 χ^2/NDF:0.0/0

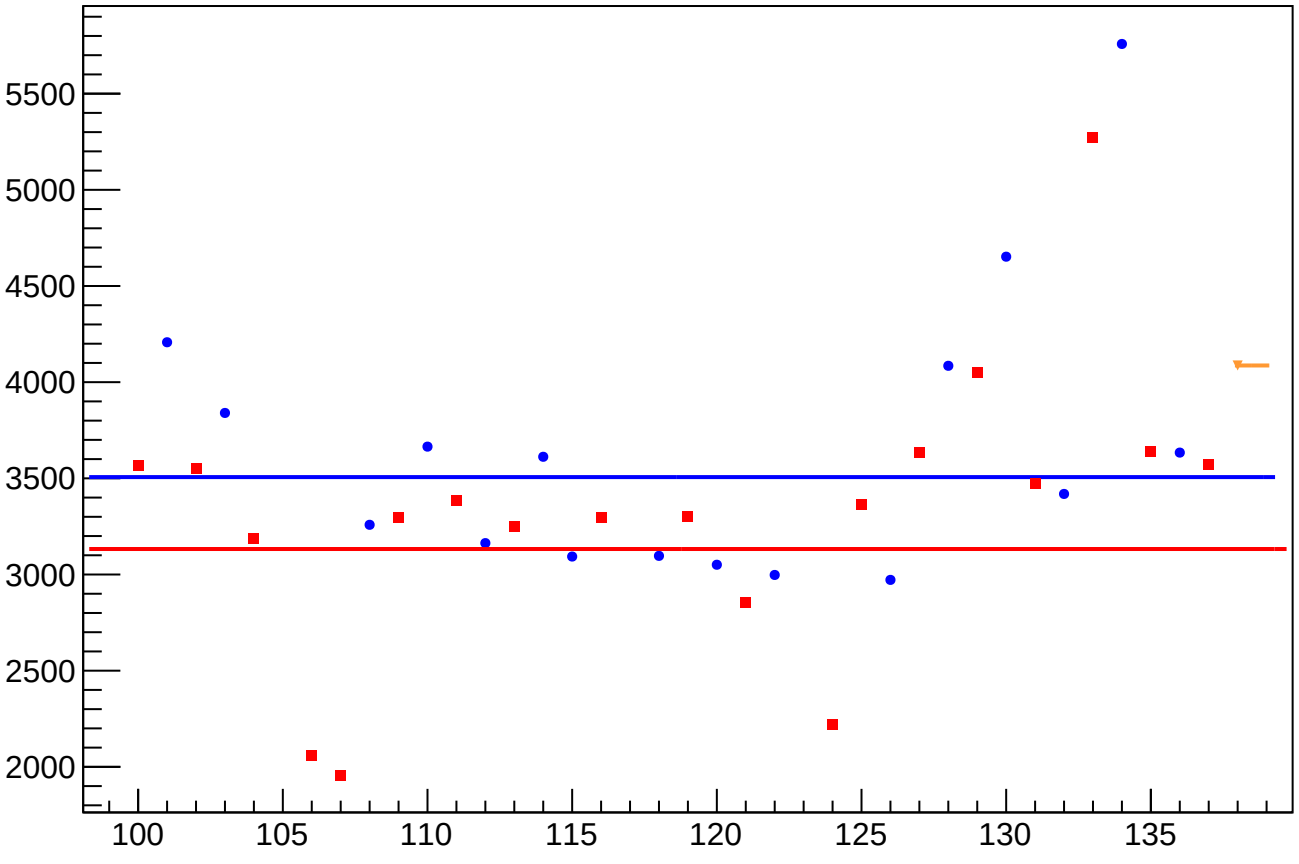
Right Out: -283.963+/-1183.171 χ^2/NDF: 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 545.091+/-1274.608 χ^2/NDF: 15.0/16

All: 99.764+/-867.154 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3506.484+/-0.937 χ^2/NDF: 353237.7/15

Left Out: 4086.790+/-3.305 χ^2/NDF:0.0/0

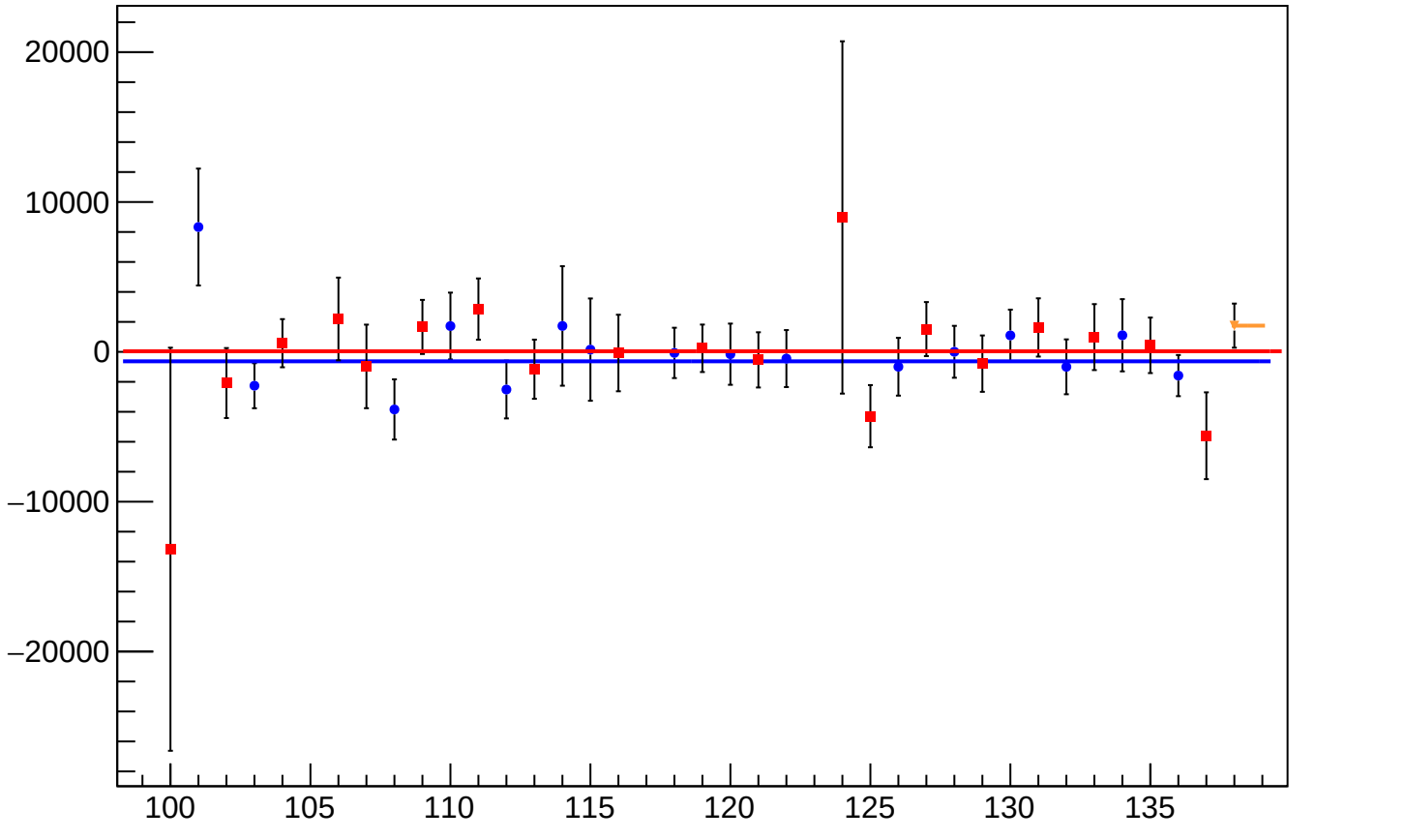
Right Out: 3132.586+/-0.837 χ^2/NDF: 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3549.641+/-0.901 χ^2/NDF: 381775.9/16

All: 3325.620+/-0.613 χ^2/NDF: 1146403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -631.427+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.097+/-1472.063 χ^2/NDF:0.0/0

Right Out: 38.623+/-488.084 χ^2/NDF: 16.3/18

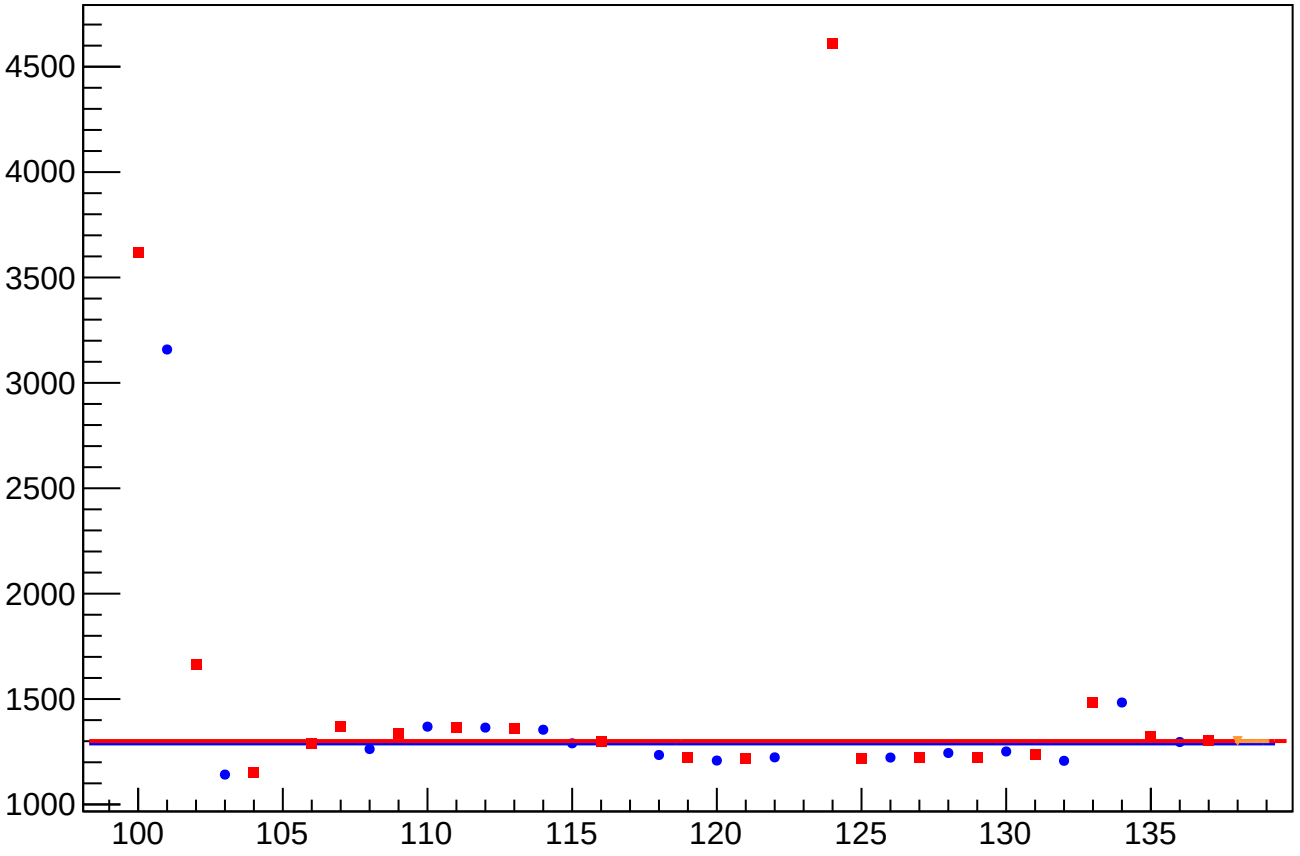
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -395.140+/-463.777 χ^2/NDF: 16.2/16

All: -189.328+/-336.205 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514676.5/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

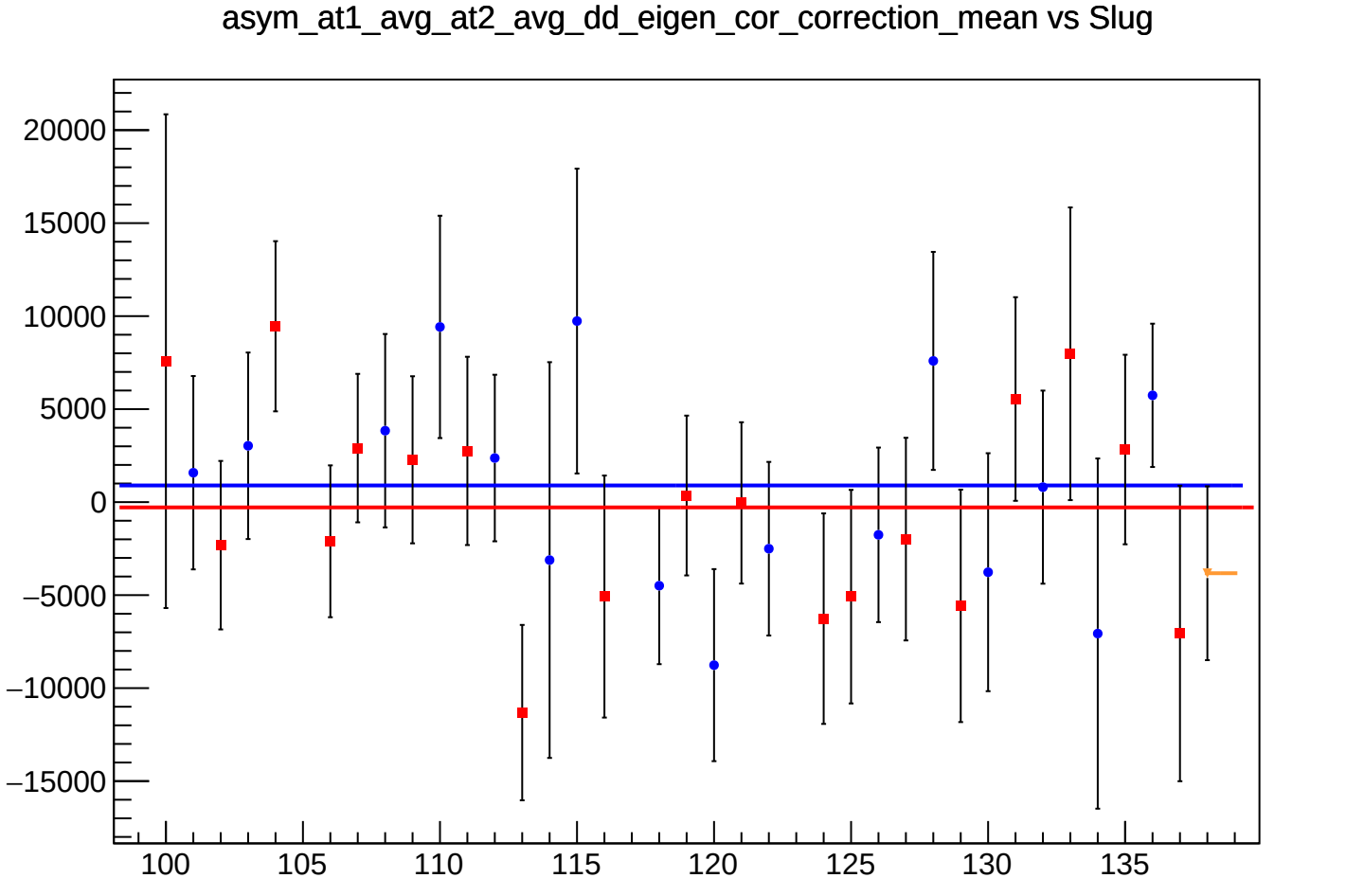
Right Out: 1300.684+/-0.344 χ^2/NDF: 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1290.554+/-0.328 χ^2/NDF: 514776.3/16

All: 1295.370+/-0.238 χ^2/NDF: 841137.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 896.017+/-1324.823 χ^2/NDF: 14.1/15

Left Out: -3822.622+/-4673.882 χ^2/NDF:0.0/0

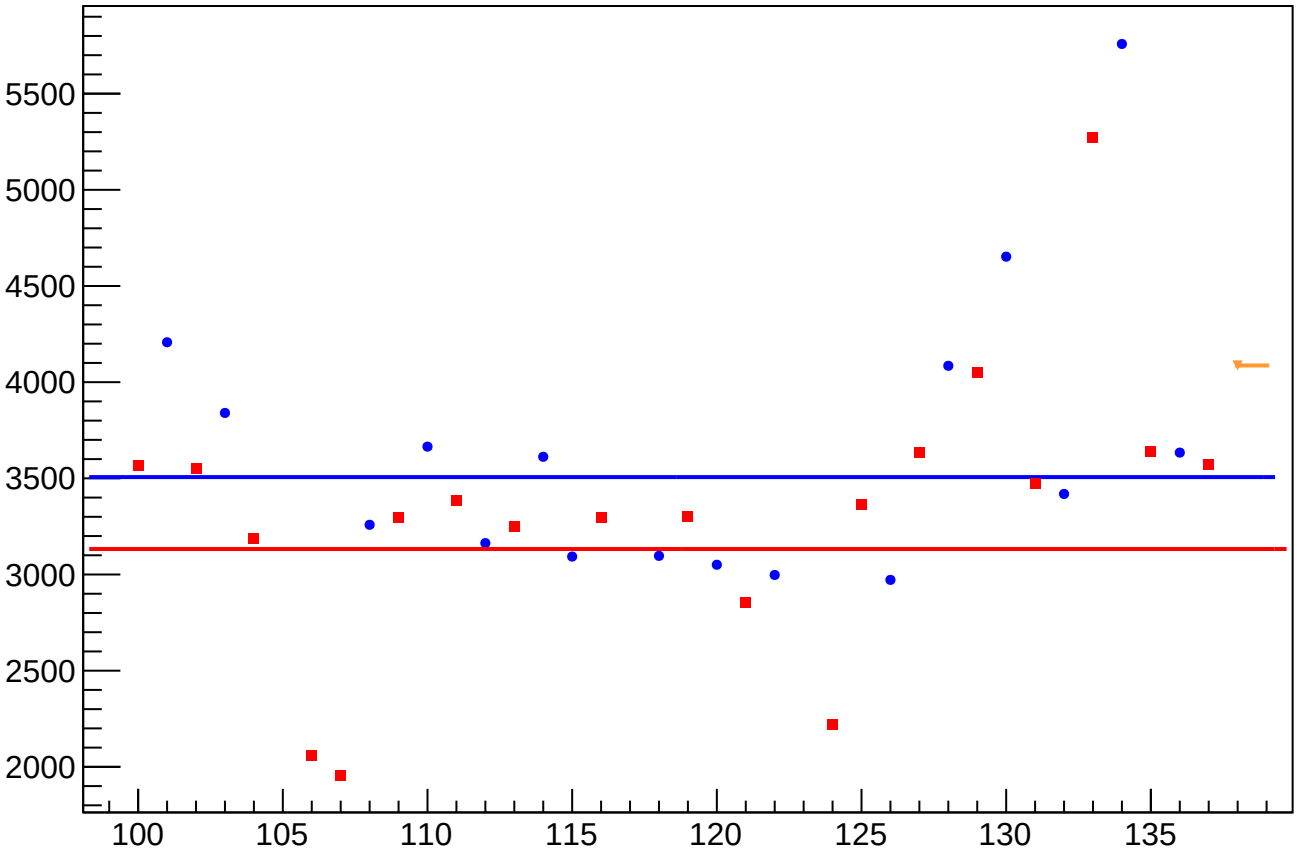
Right Out: -283.963+/-1183.171 χ^2/NDF: 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 545.091+/-1274.608 χ^2/NDF: 15.0/16

All: 99.764+/-867.154 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3506.484+/-0.937 χ^2/NDF: 353237.7/15

Left Out: 4086.790+/-3.305 χ^2/NDF:0.0/0

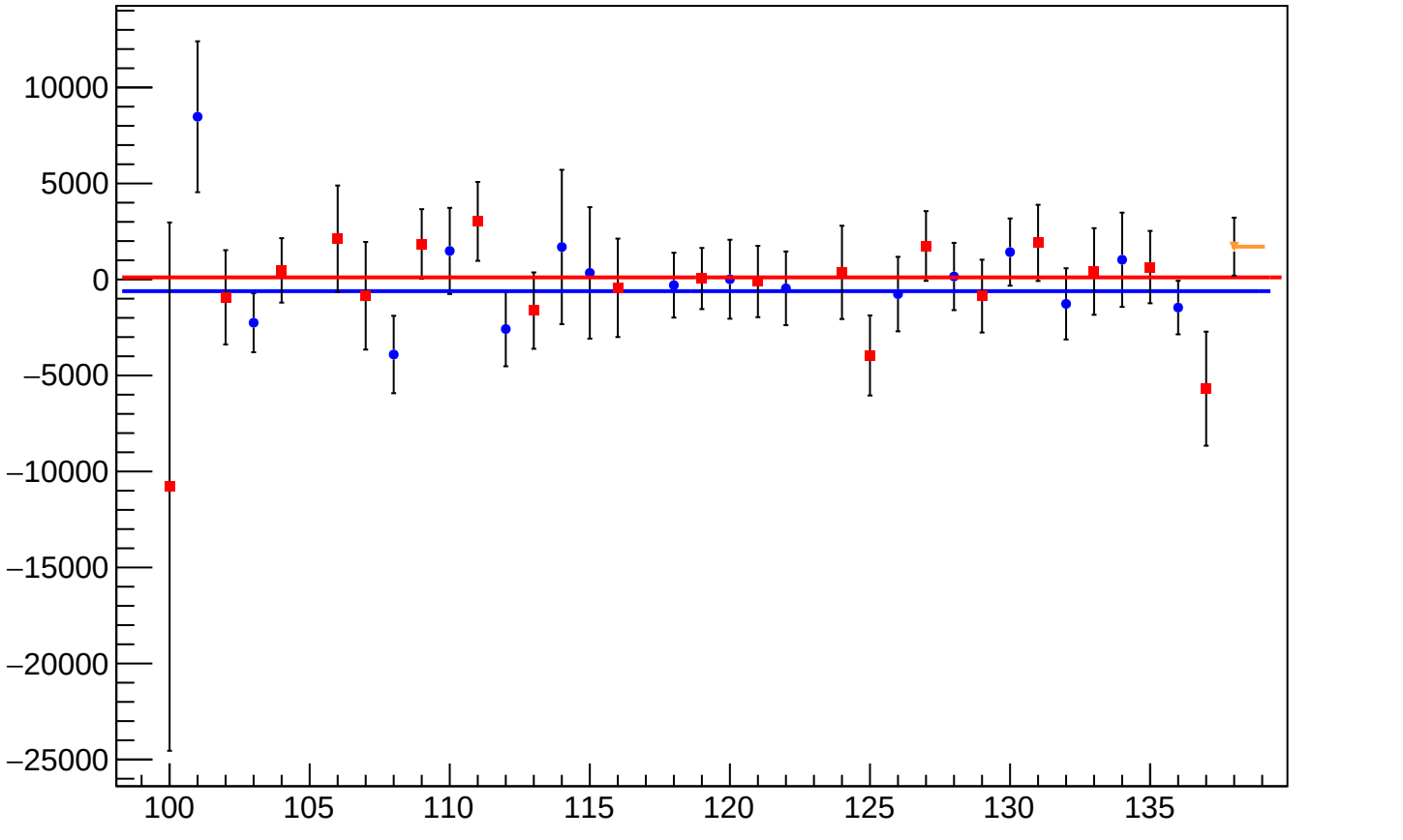
Right Out: 3132.586+/-0.837 χ^2/NDF: 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3549.641+/-0.901 χ^2/NDF: 381775.9/16

All: 3325.620+/-0.613 χ^2/NDF: 1146403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -607.831+/-494.182 χ^2/NDF: 14.1/15

Left Out: 1709.032+/-1509.647 χ^2/NDF:0.0/0

Right Out: 108.614+/-485.552 χ^2/NDF: 14.9/18

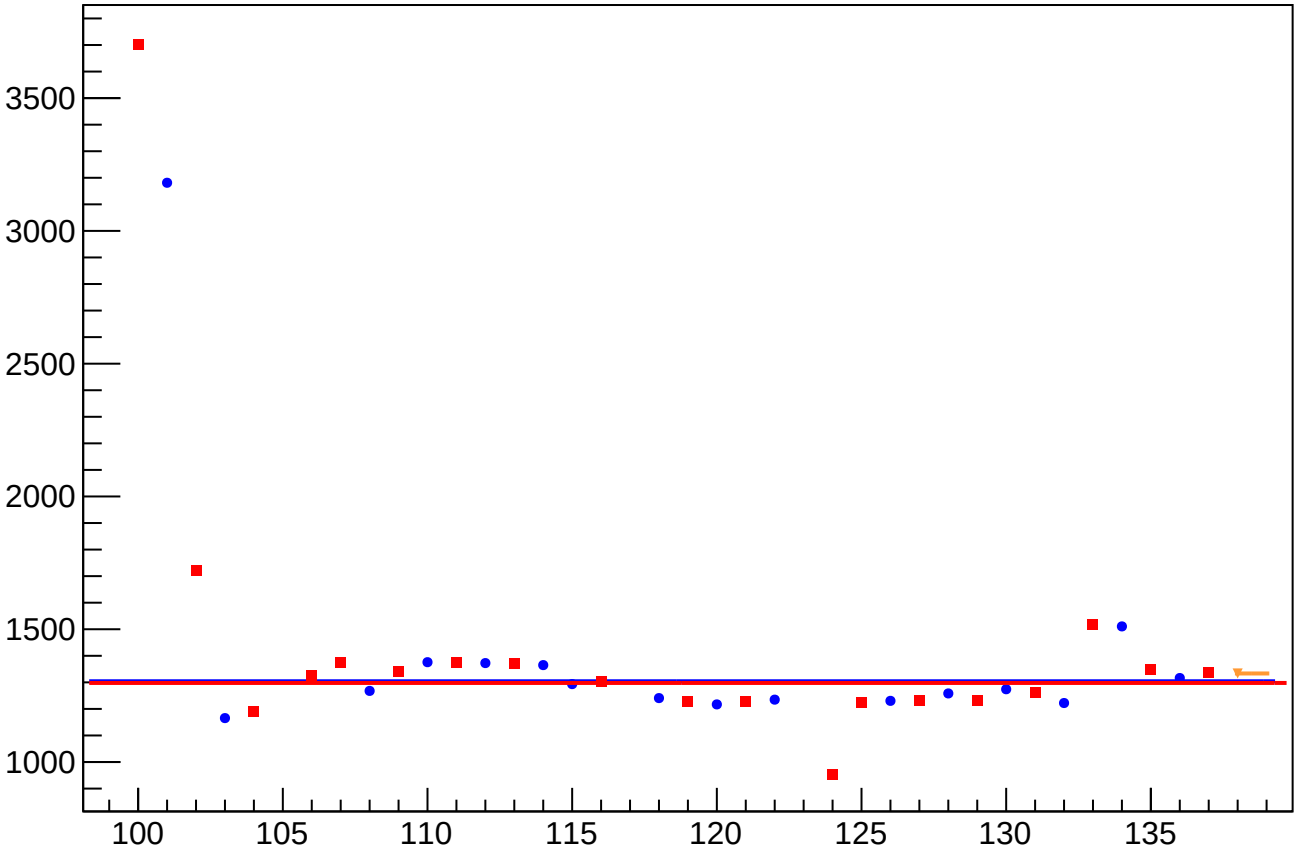
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -383.591+/-469.658 χ^2/NDF: 16.2/16

All: -145.676+/-337.578 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1304.102+/-0.349 χ^2/NDF: 510589.4/15

Left Out: 1333.477+/-1.067 χ^2/NDF:0.0/0

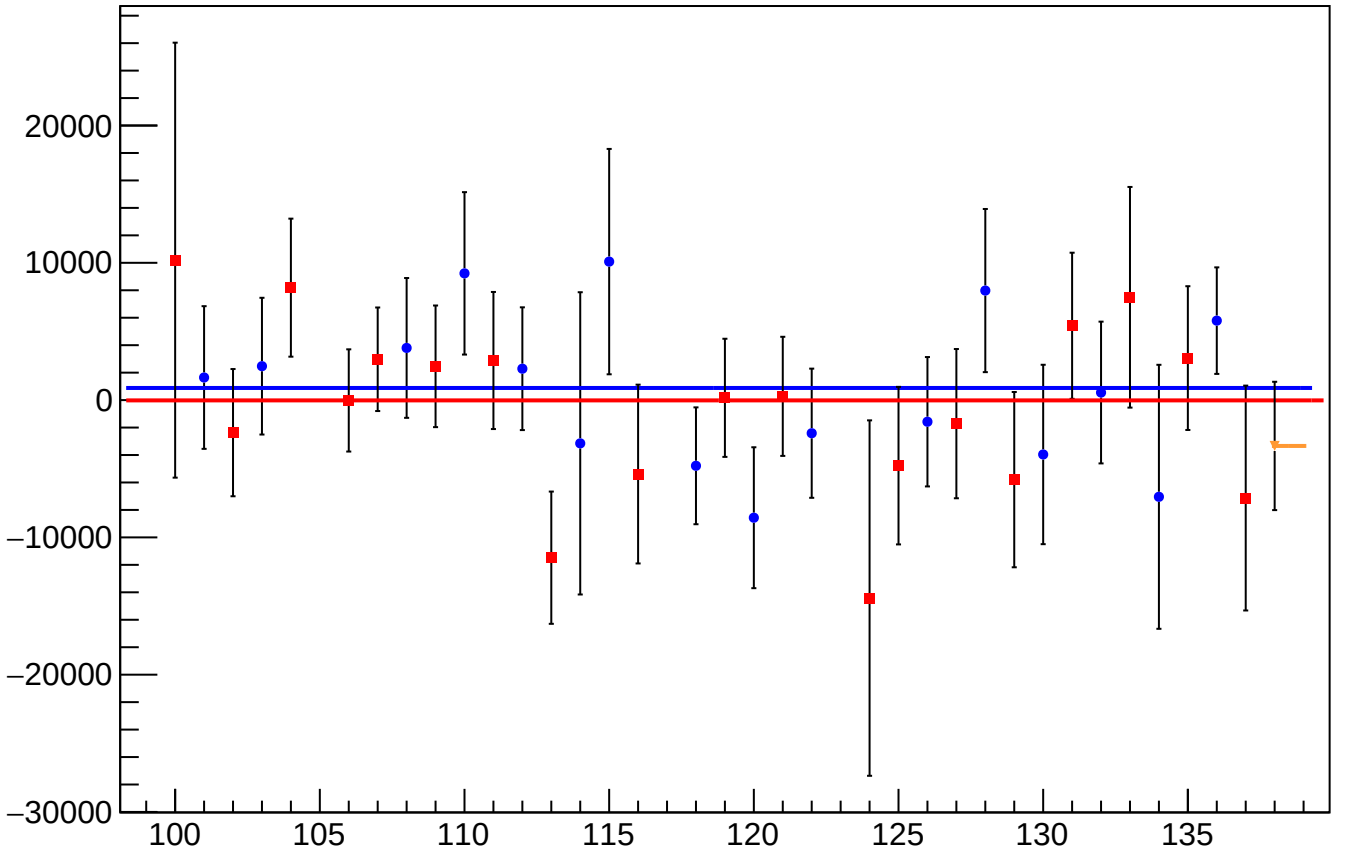
Right Out: 1297.796+/-0.343 χ^2/NDF: 213096.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.945+/-0.332 χ^2/NDF: 511273.3/16

All: 1302.520+/-0.239 χ^2/NDF: 724737.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.058+/-1327.399 χ^2/NDF: 14.1/15

Left Out: -3338.973+/-4673.285 χ^2/NDF:0.0/0

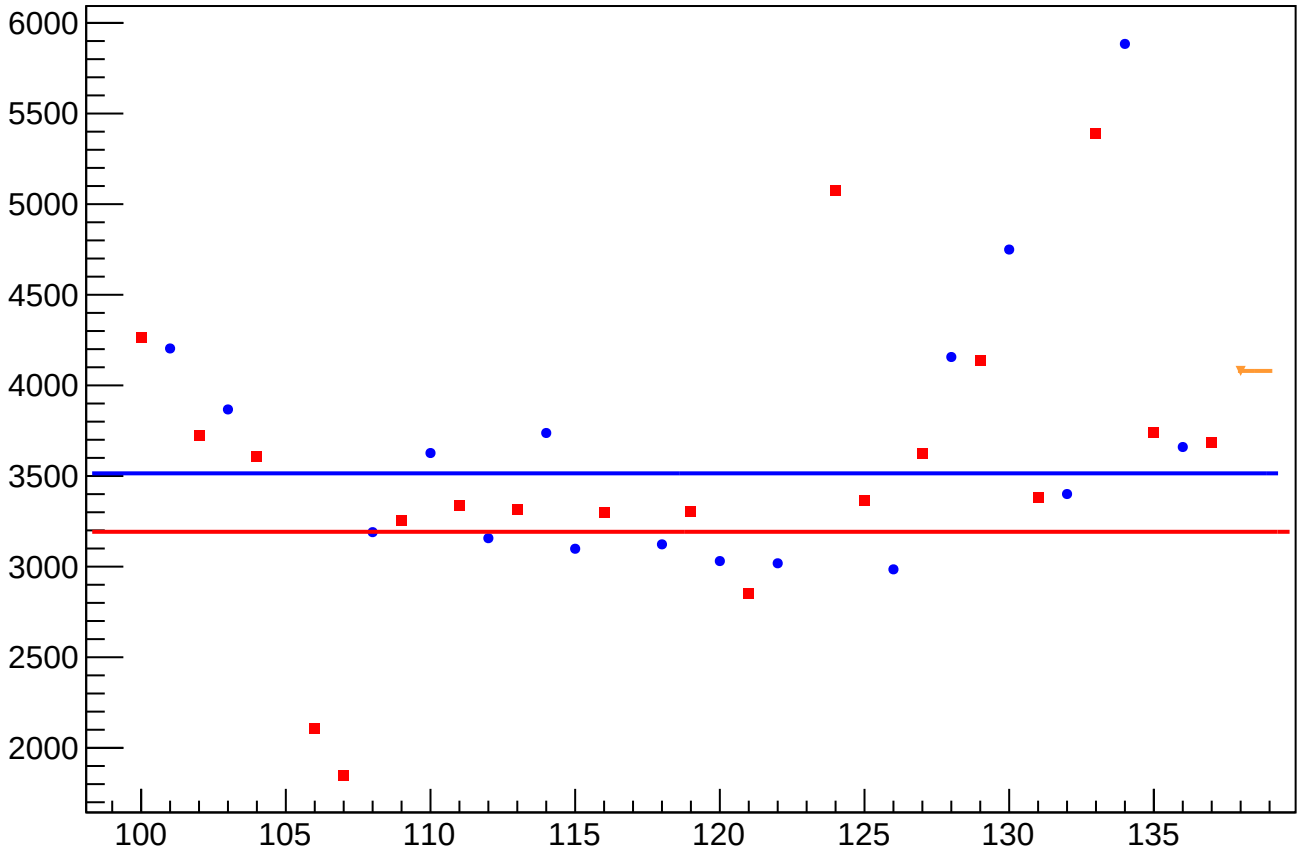
Right Out: -20.681+/-1200.015 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 568.785+/-1276.889 χ^2/NDF: 14.9/16

All: 255.775+/-874.453 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3514.746+/-0.939 χ^2/NDF: 375078.6/15

Left Out: 4079.841+/-3.305 χ^2/NDF:0.0/0

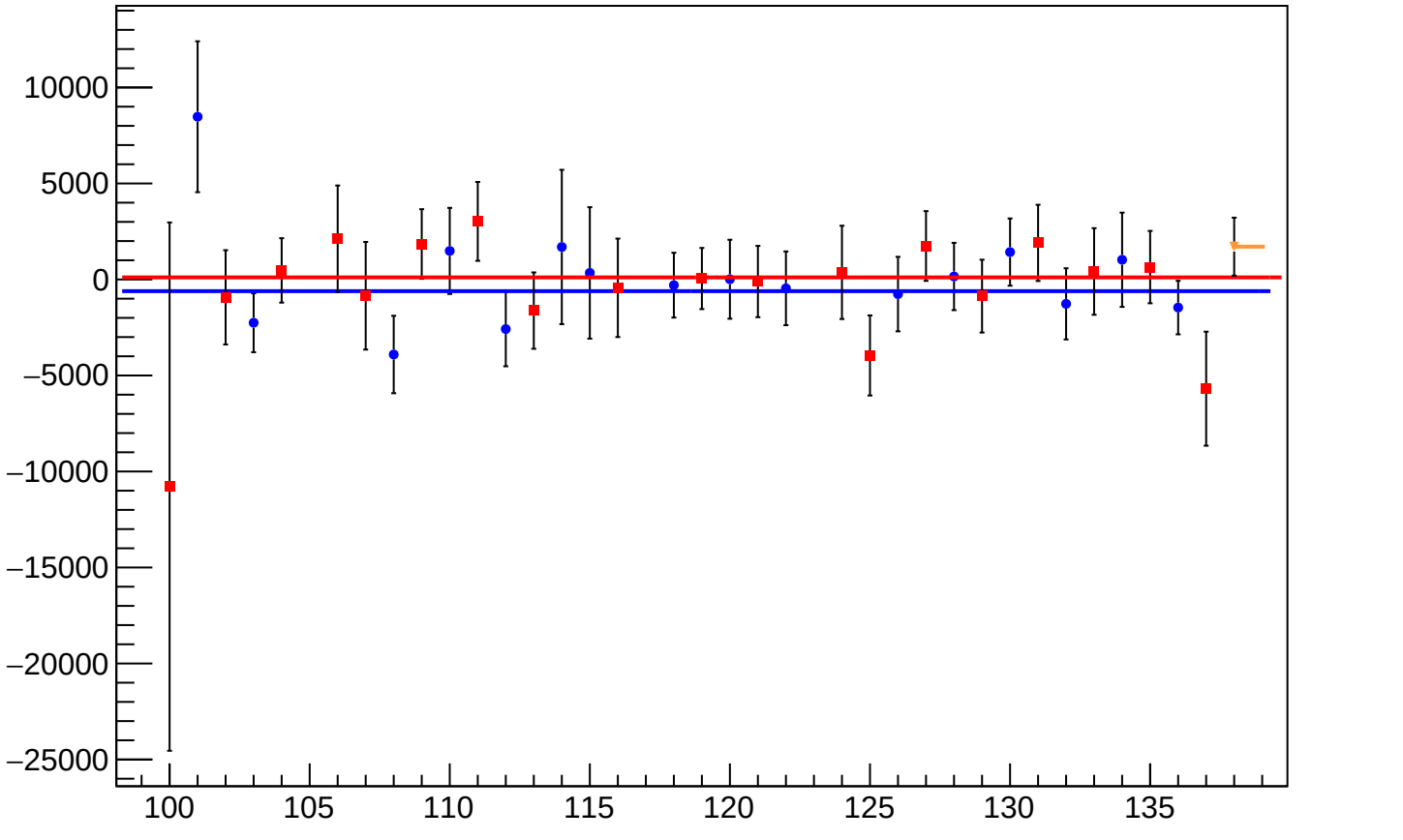
Right Out: 3192.203+/-0.849 χ^2/NDF: 772495.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3556.933+/-0.903 χ^2/NDF: 402138.9/16

All: 3363.259+/-0.618 χ^2/NDF: 1261284.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -607.834+/-494.182 χ^2/NDF: 14.1/15

Left Out: 1709.015+/-1509.647 χ^2/NDF:0.0/0

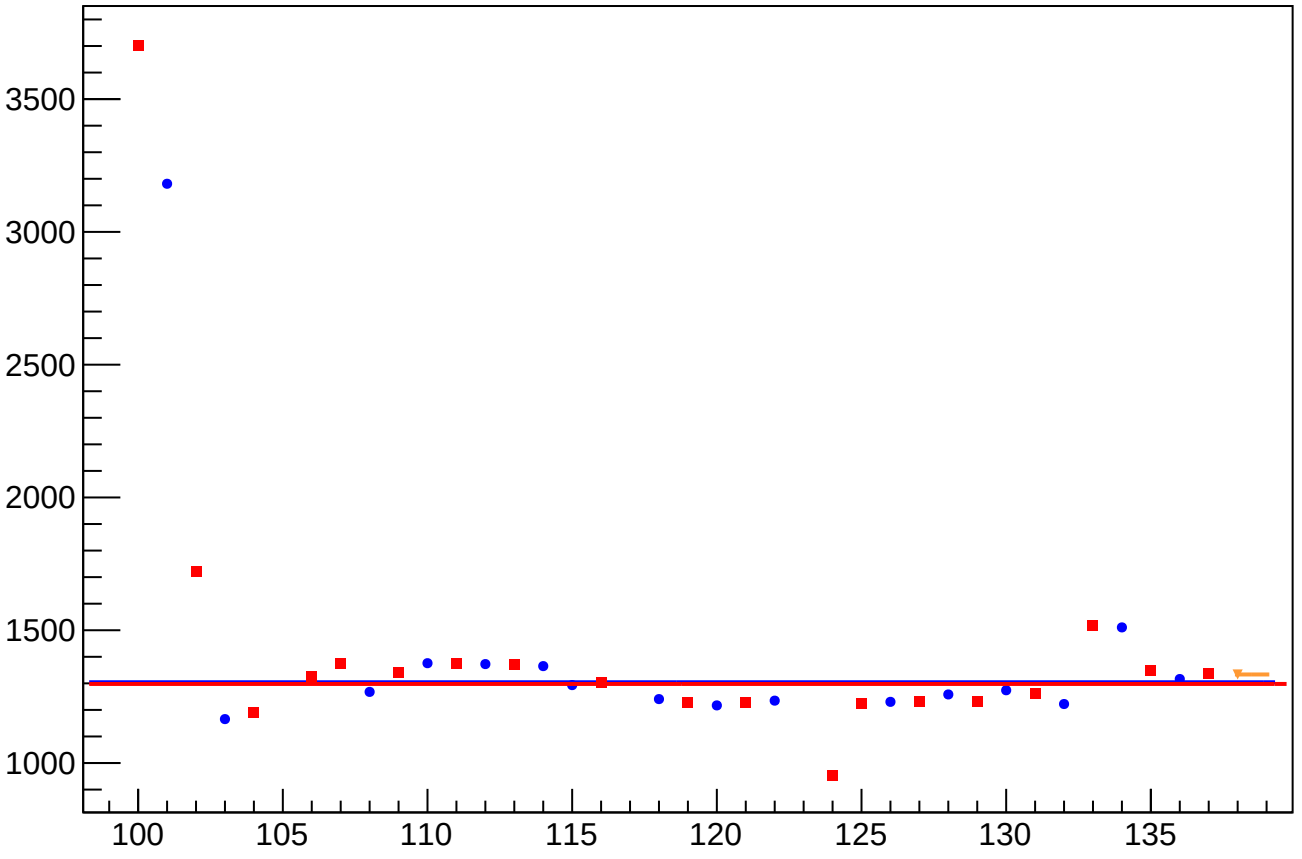
Right Out: 108.619+/-485.553 χ^2/NDF: 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -383.595+/-469.658 χ^2/NDF: 16.2/16

All: -145.676+/-337.578 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1304.102+/-0.349 χ^2/NDF: 510589.6/15

Left Out: 1333.477+/-1.067 χ^2/NDF:0.0/0

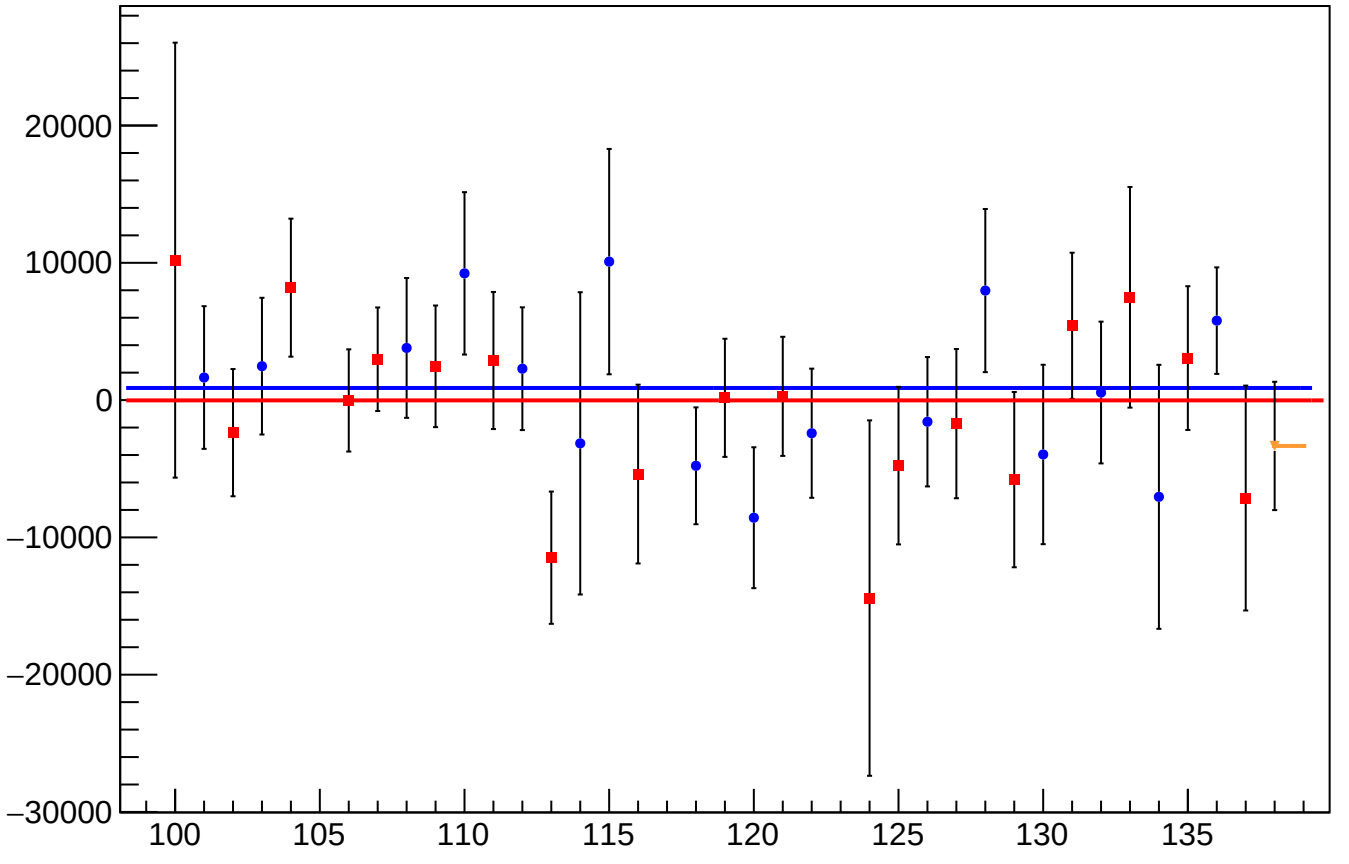
Right Out: 1297.796+/-0.343 χ^2/NDF: 213097.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.945+/-0.332 χ^2/NDF: 511273.5/16

All: 1302.520+/-0.239 χ^2/NDF: 724737.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.047+/-1327.396 χ^2/NDF: 14.1/15

Left Out: -3338.986+/-4673.298 χ^2/NDF:0.0/0

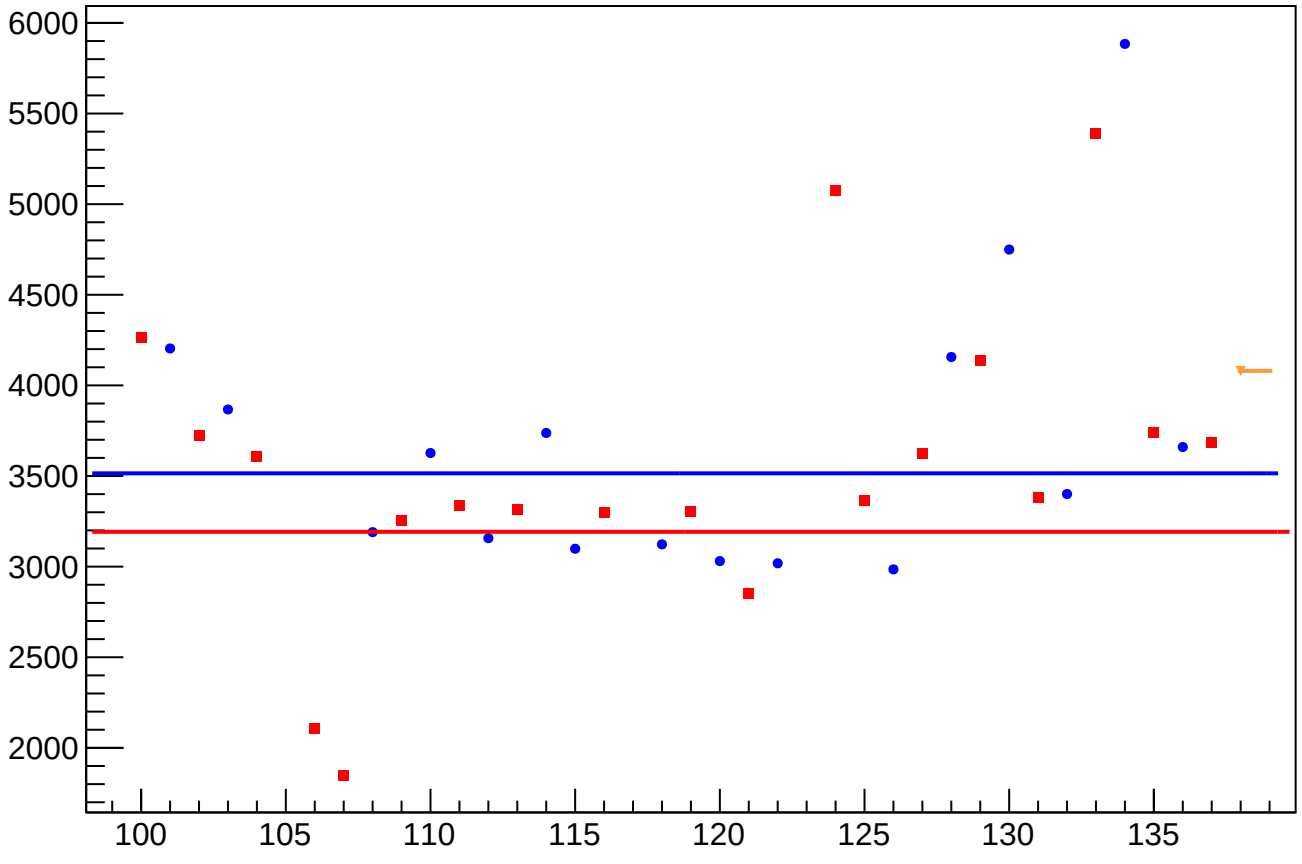
Right Out: -20.677+/-1200.012 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 568.778+/-1276.886 χ^2/NDF: 14.9/16

All: 255.773+/-874.451 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3514.737+/-0.939 χ^2/NDF: 375082.8/15

Left Out: 4079.852+/-3.305 χ^2/NDF:0.0/0

Right Out: 3192.196+/-0.849 χ^2/NDF: 772497.9/18

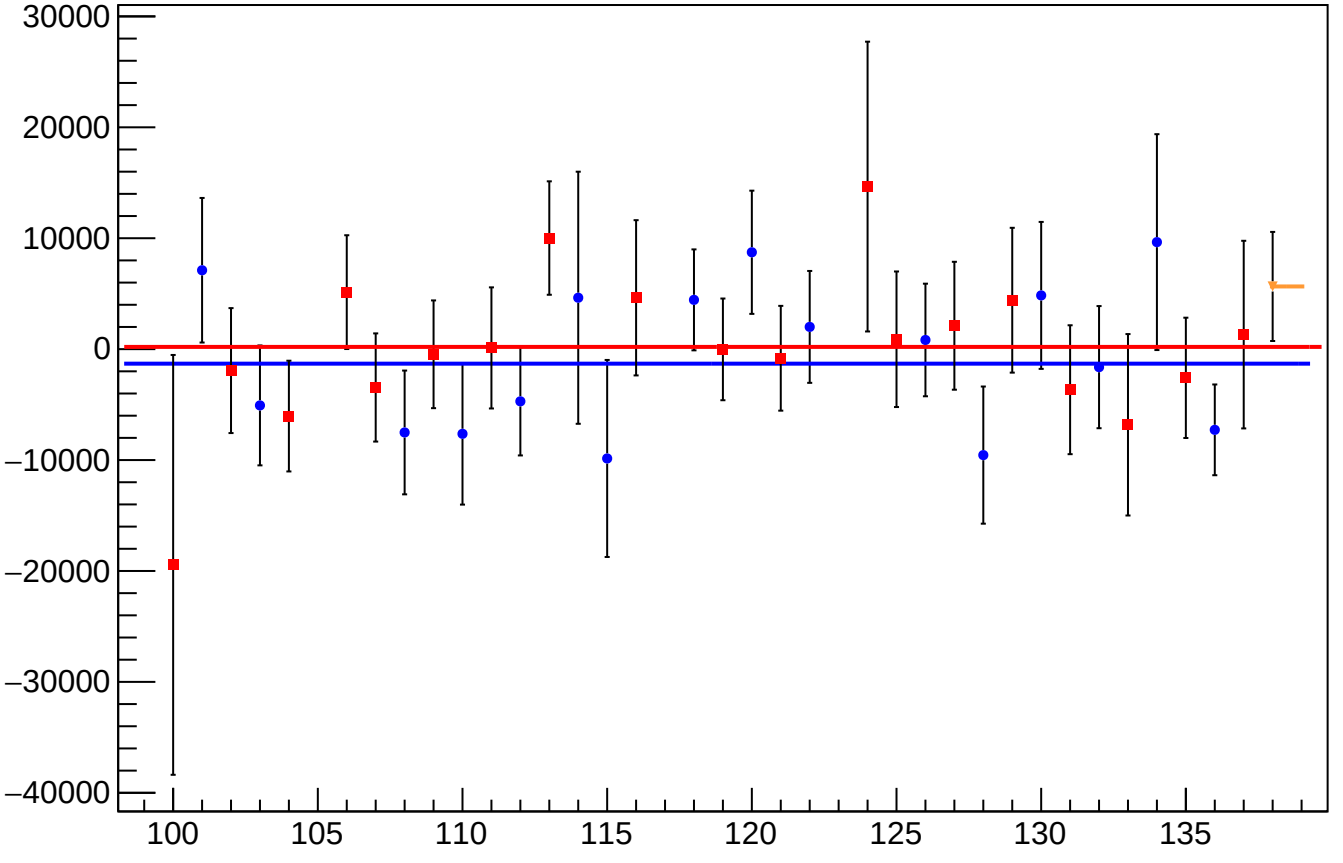
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3556.925+/-0.903 χ^2/NDF: 402144.9/16

All: 3363.251+/-0.618 χ^2/NDF: 1261292.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1309.349+/-1431.624 χ^2/NDF: 17.6/15

Left Out: 5651.648+/-4917.753 χ^2/NDF:0.0/0

Right Out: 201.593+/-1336.062 χ^2/NDF: 11.6/18

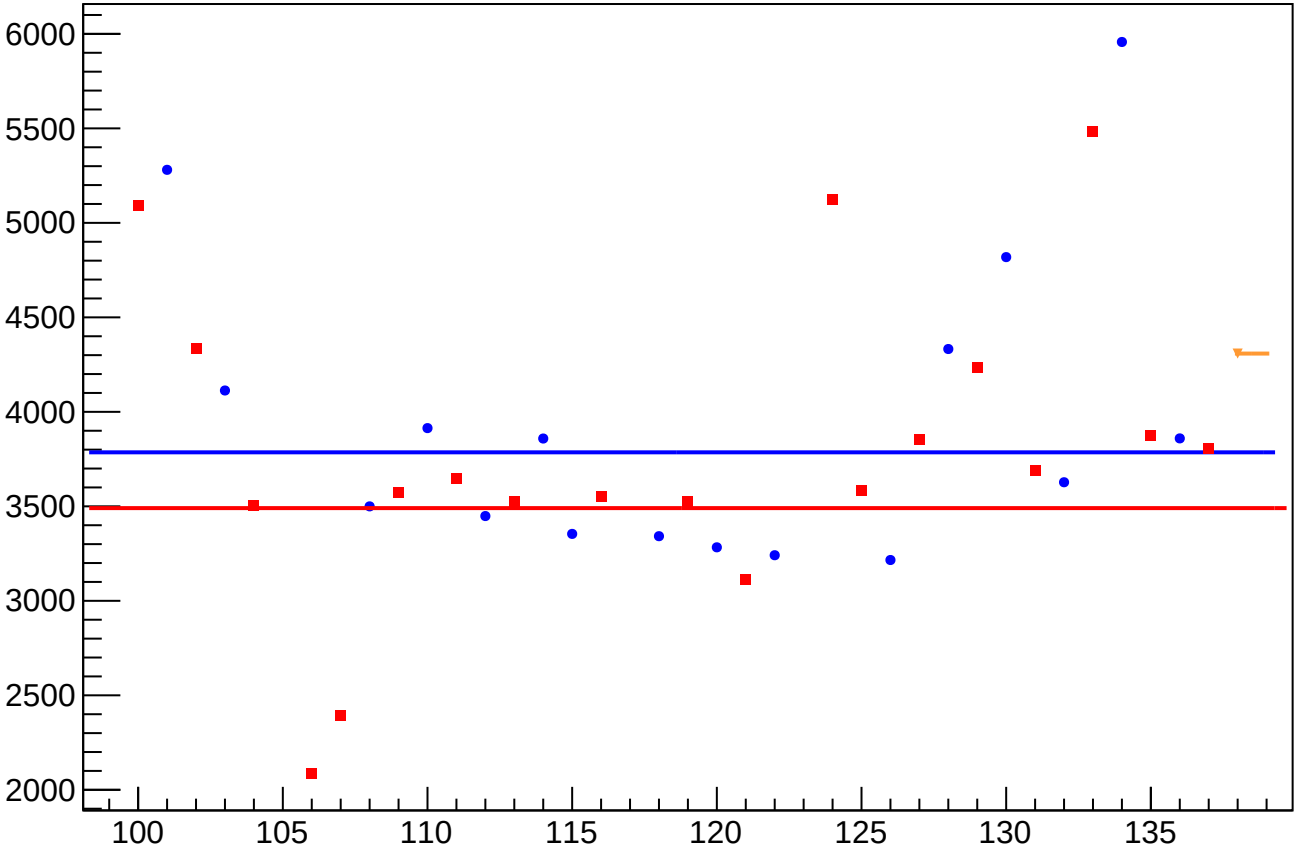
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -765.514+/-1374.563 χ^2/NDF: 19.4/16

All: -268.227+/-958.061 χ^2/NDF: 31.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 3785.774+/-1.012 χ^2/NDF: 382992.9/15

Left Out: 4308.373+/-3.477 χ^2/NDF:0.0/0

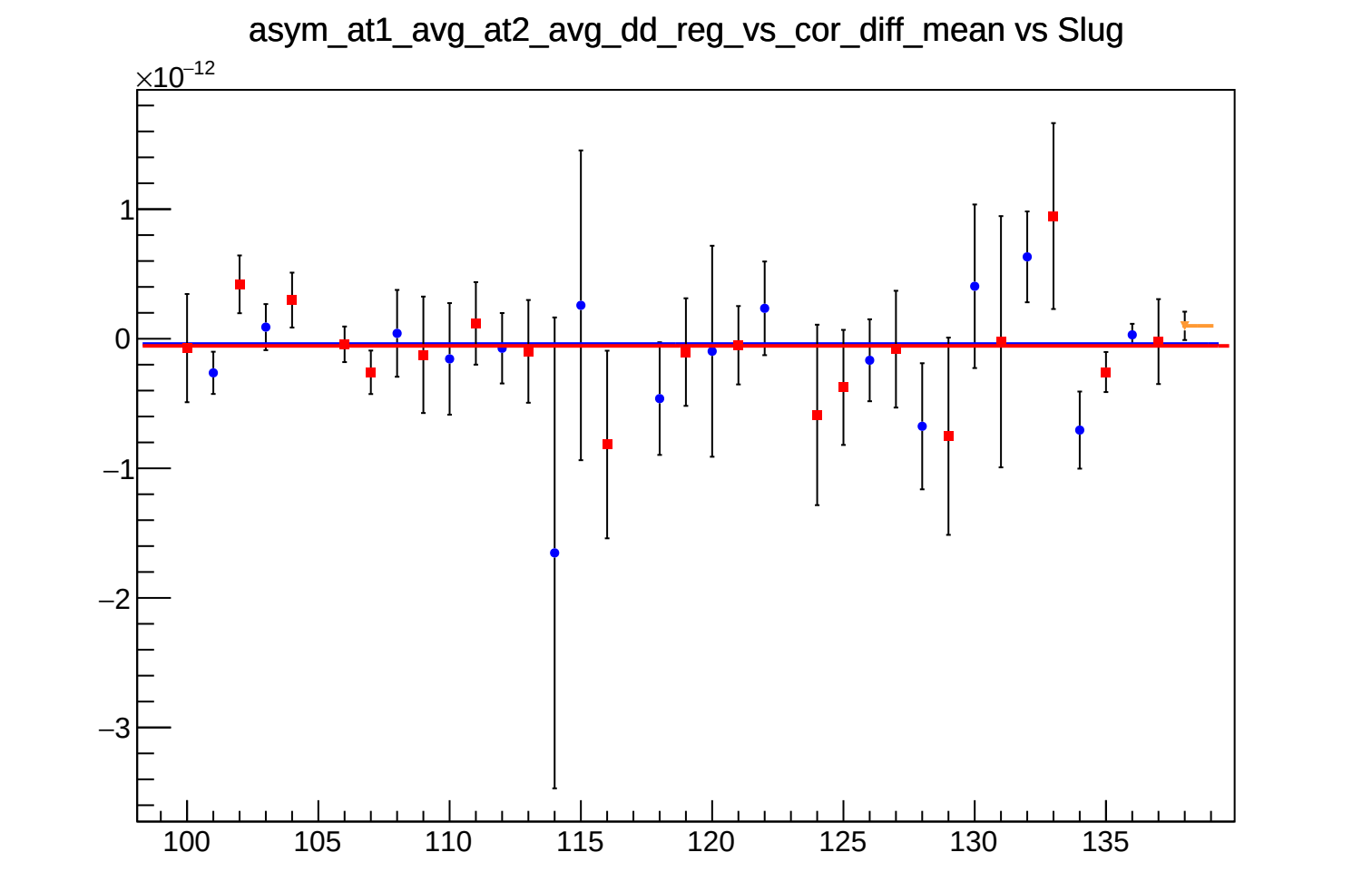
Right Out: 3490.614+/-0.932 χ^2/NDF: 586715.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3826.602+/-0.972 χ^2/NDF: 403814.1/16

All: 3651.535+/-0.673 χ^2/NDF: 1052793.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

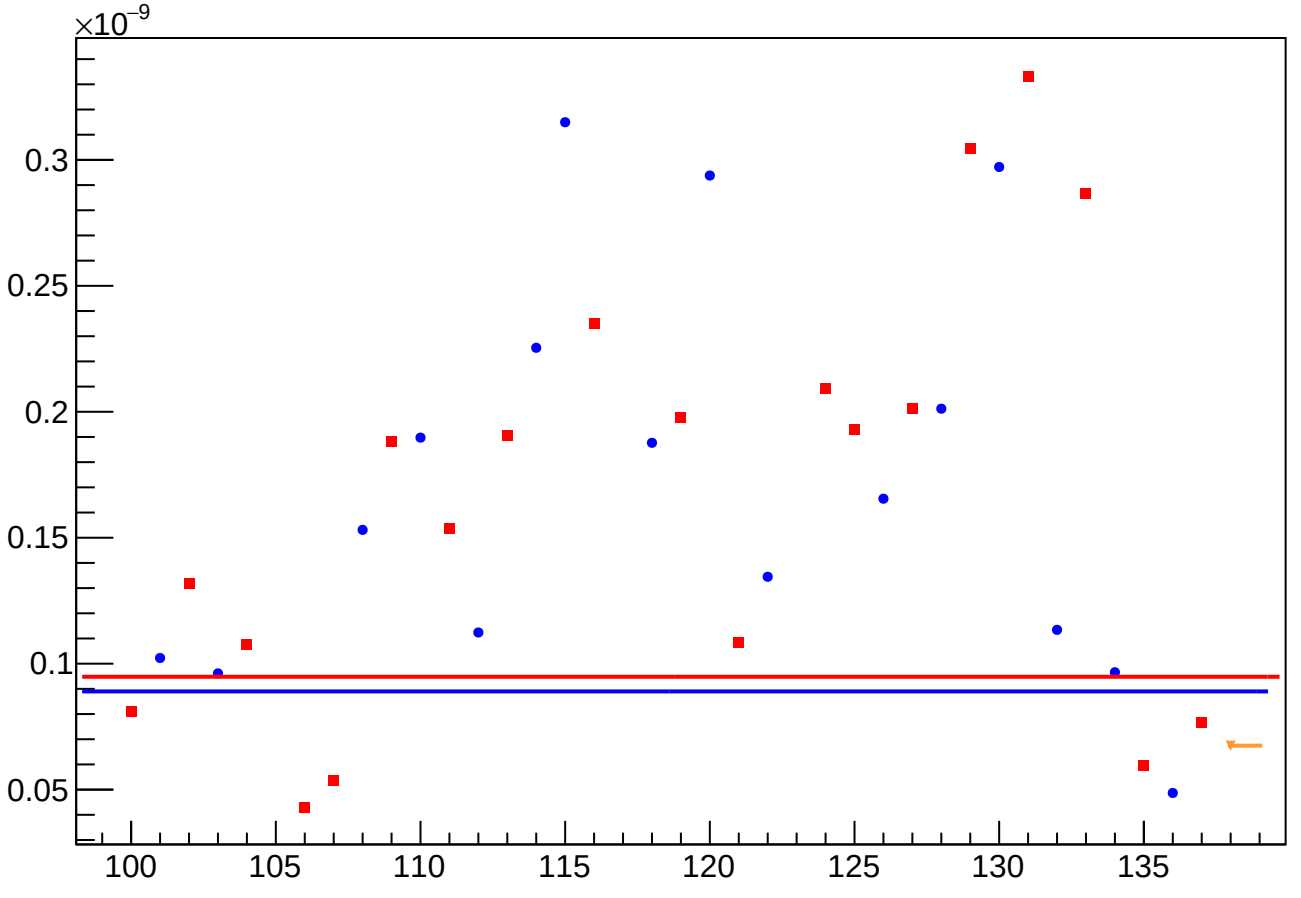
Right Out: -0.000+/-0.000 χ^2/NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.9/16

All: -0.000+/-0.000 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1460718.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

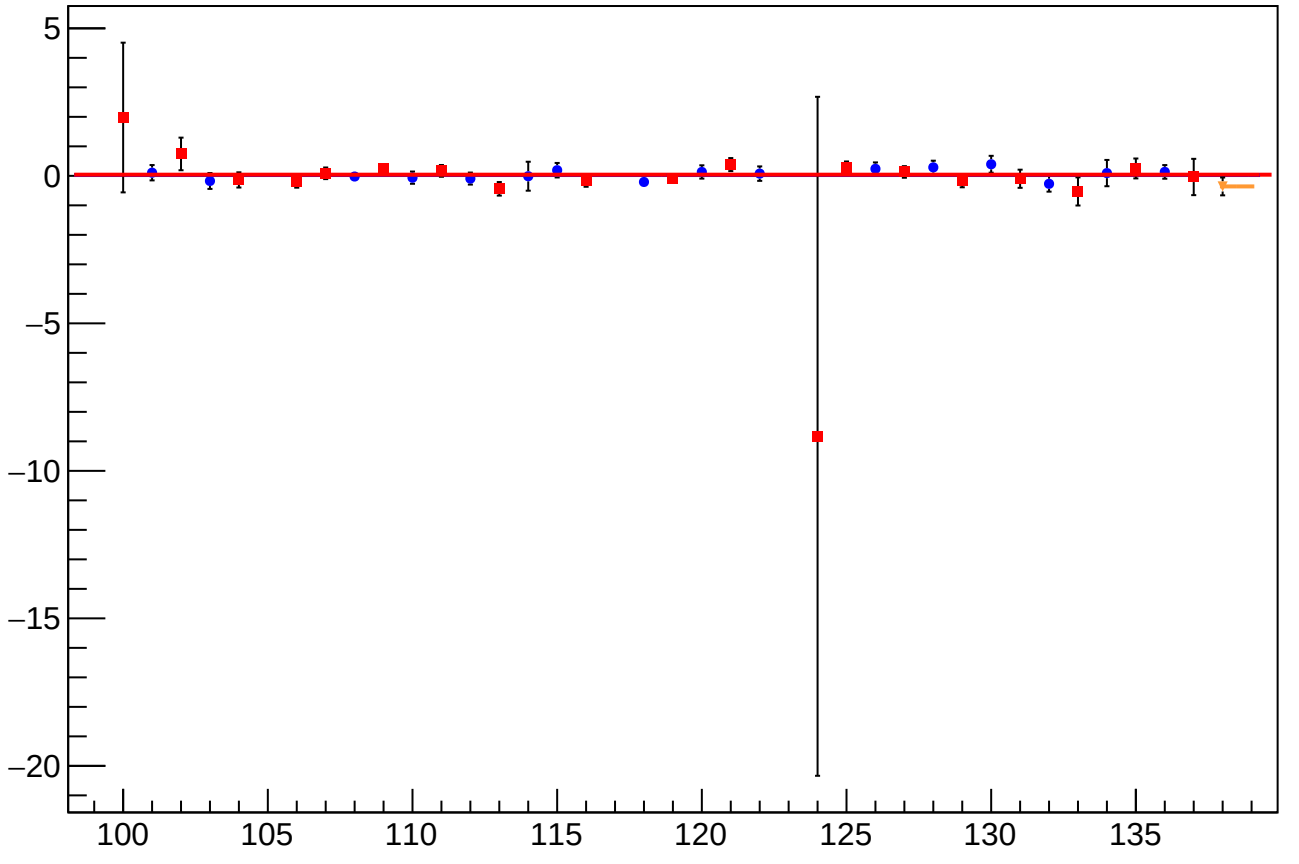
Right Out: 0.000+/-0.000 χ^2/NDF: 1734601.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1520741.4/16

All: 0.000+/-0.000 χ^2/NDF: 3288873.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

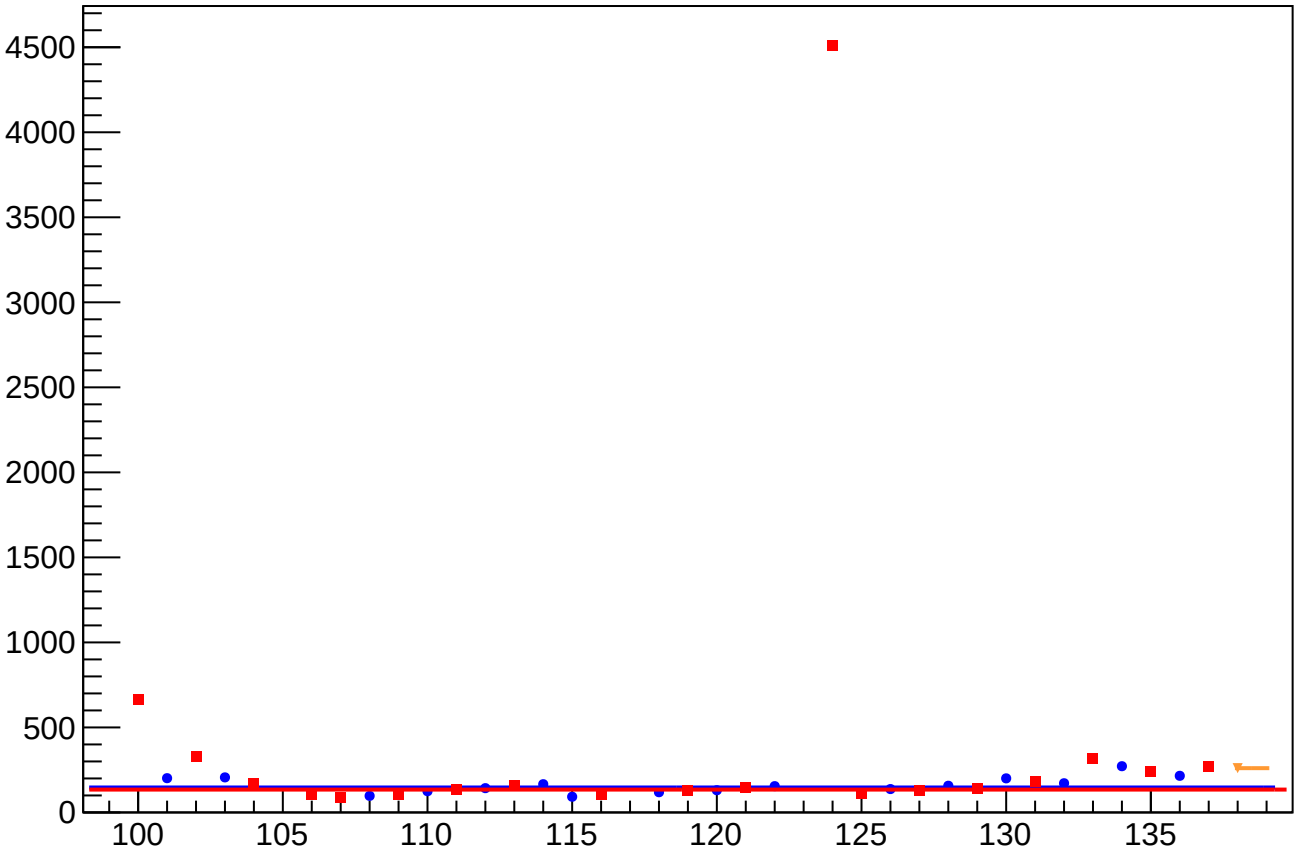
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998704.7/15

Left Out: 260.467+/-0.214 χ^2/NDF:0.0/0

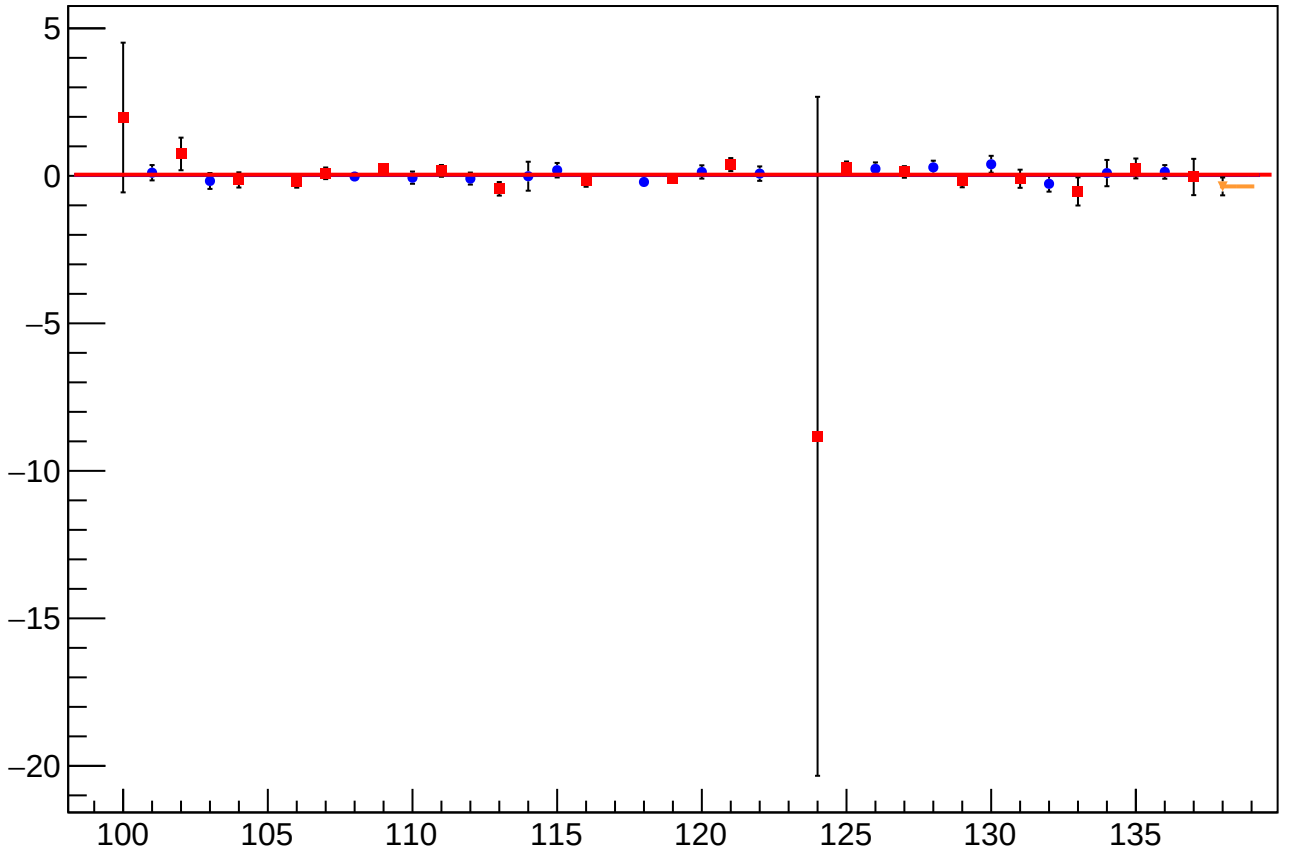
Right Out: 134.505+/-0.039 χ^2/NDF: 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1271026.4/16

All: 142.383+/-0.028 χ^2/NDF: 2963081.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

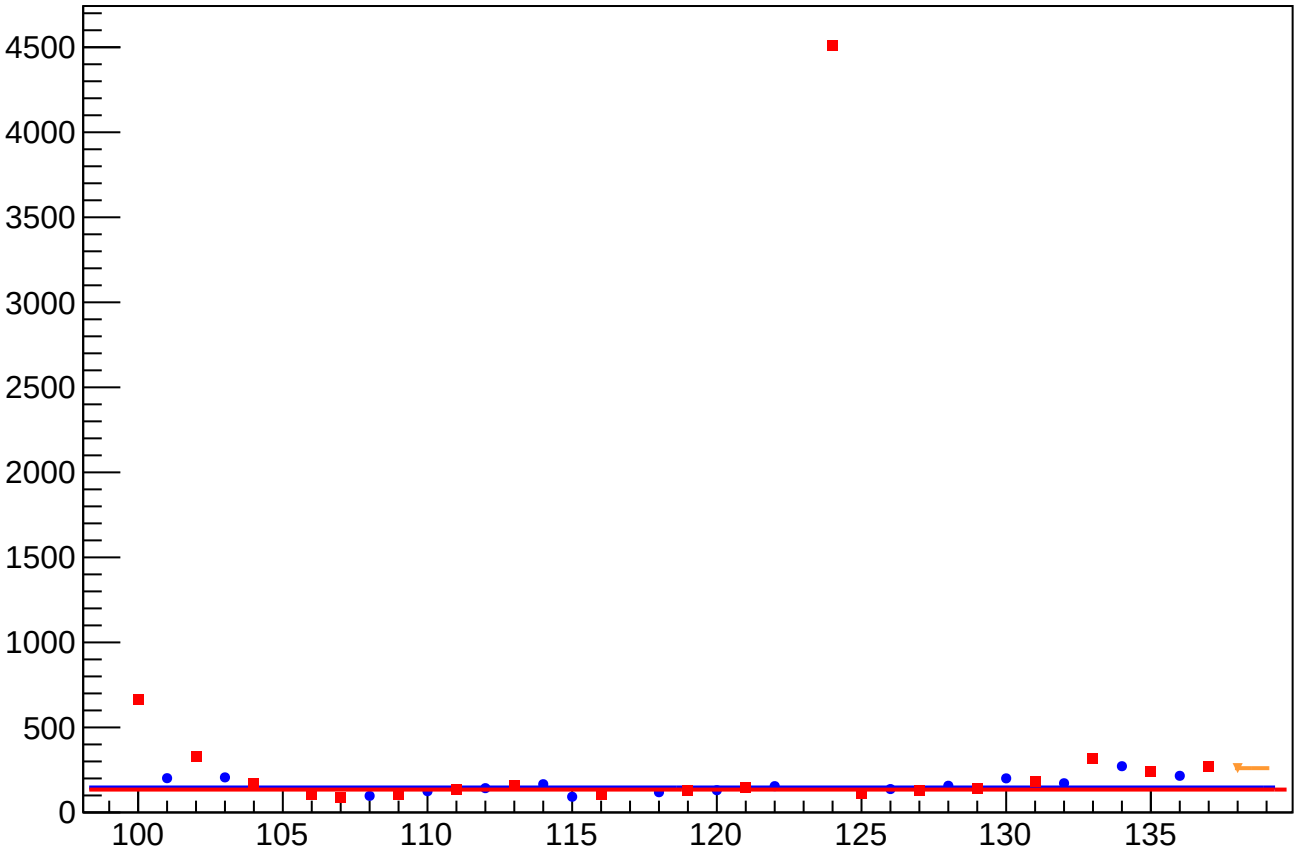
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998704.7/15

Left Out: 260.467+/-0.214 χ^2/NDF:0.0/0

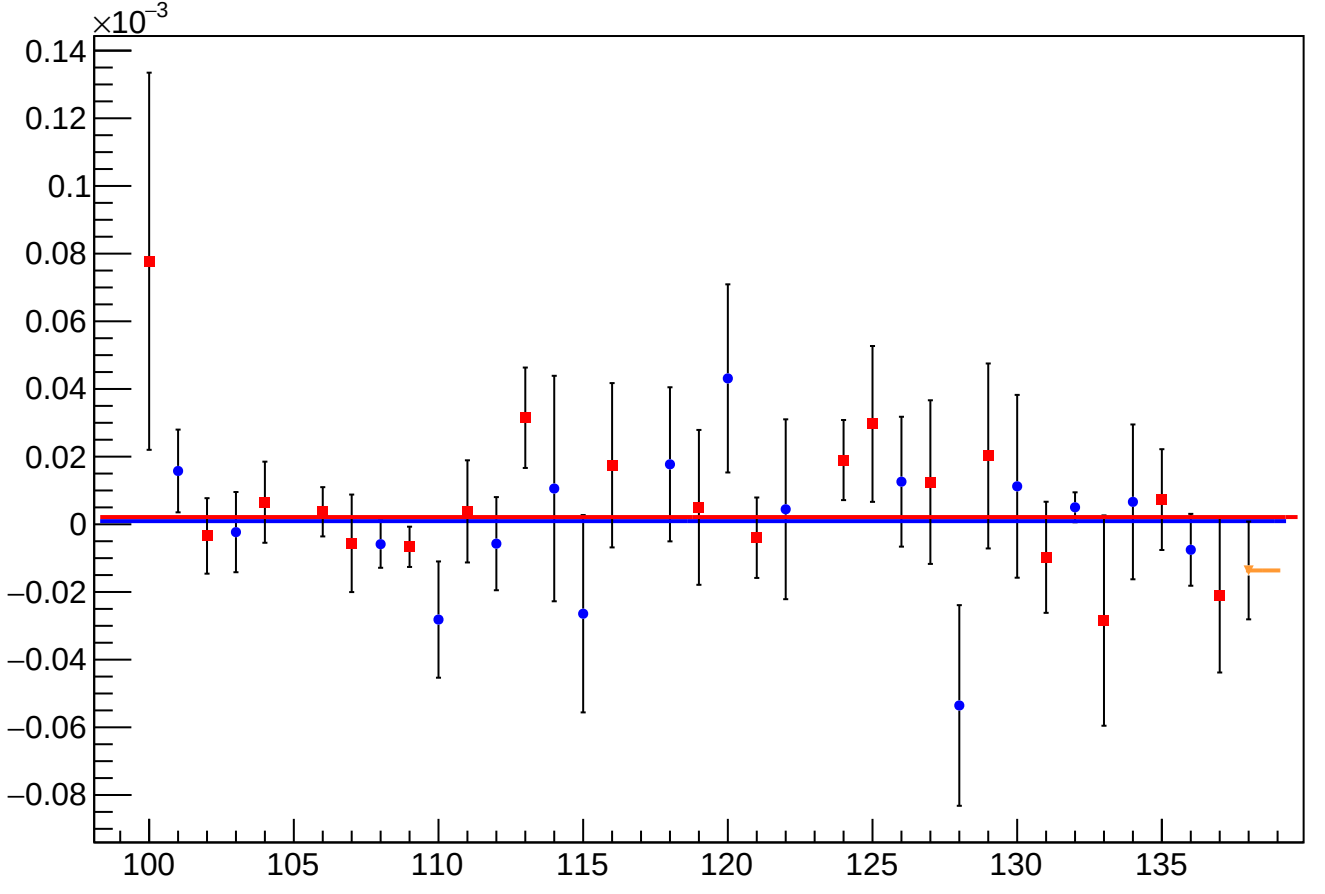
Right Out: 134.505+/-0.039 χ^2/NDF: 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1271026.4/16

All: 142.383+/-0.028 χ^2/NDF: 2963081.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

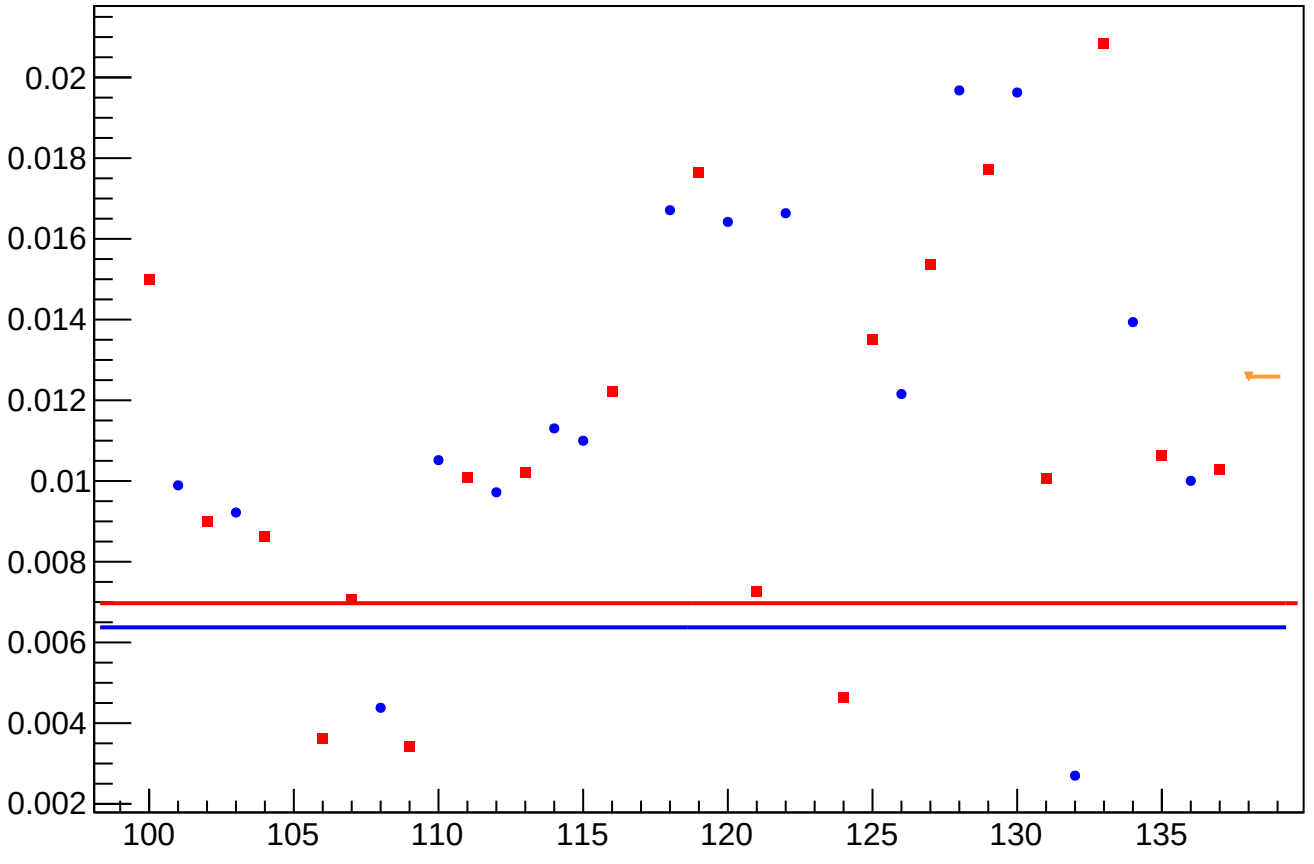
Right Out: 0.000+/-0.000 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.8/16

All: 0.000+/-0.000 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.000 χ^2/NDF: 4639775.7/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

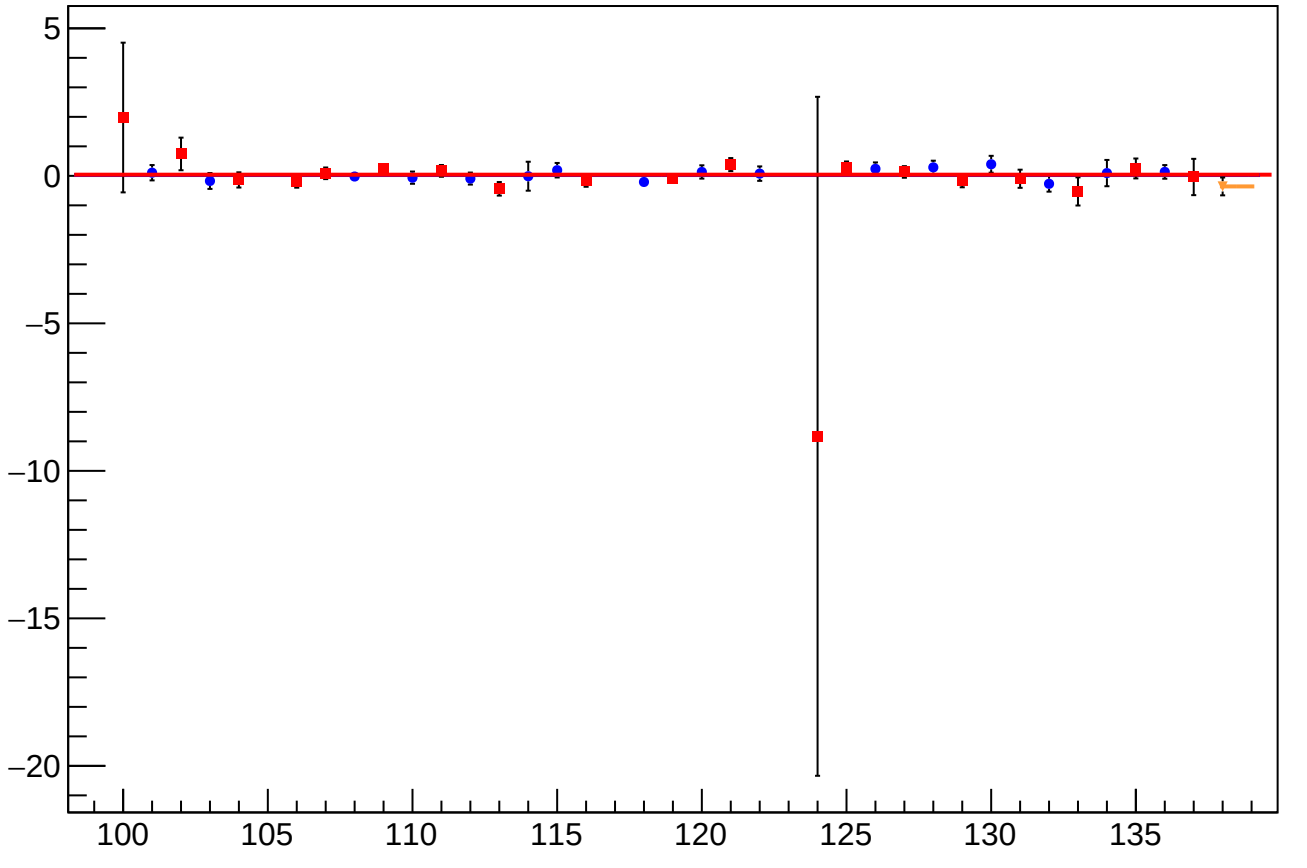
Right Out: 0.007+/-0.000 χ^2/NDF: 3409939.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 4994862.2/16

All: 0.007+/-0.000 χ^2/NDF: 8419167.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

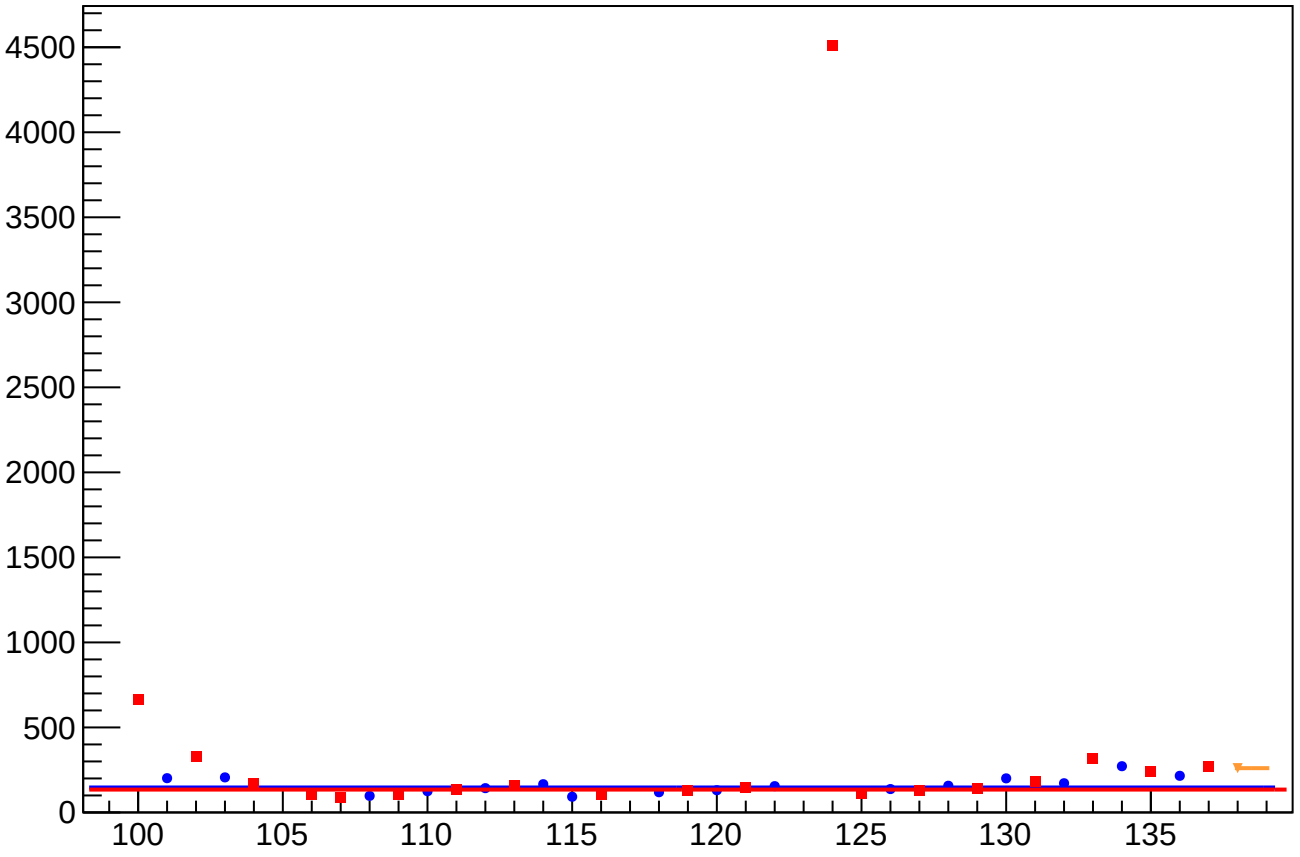
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998646.8/15

Left Out: 260.470+/-0.214 χ^2/NDF:0.0/0

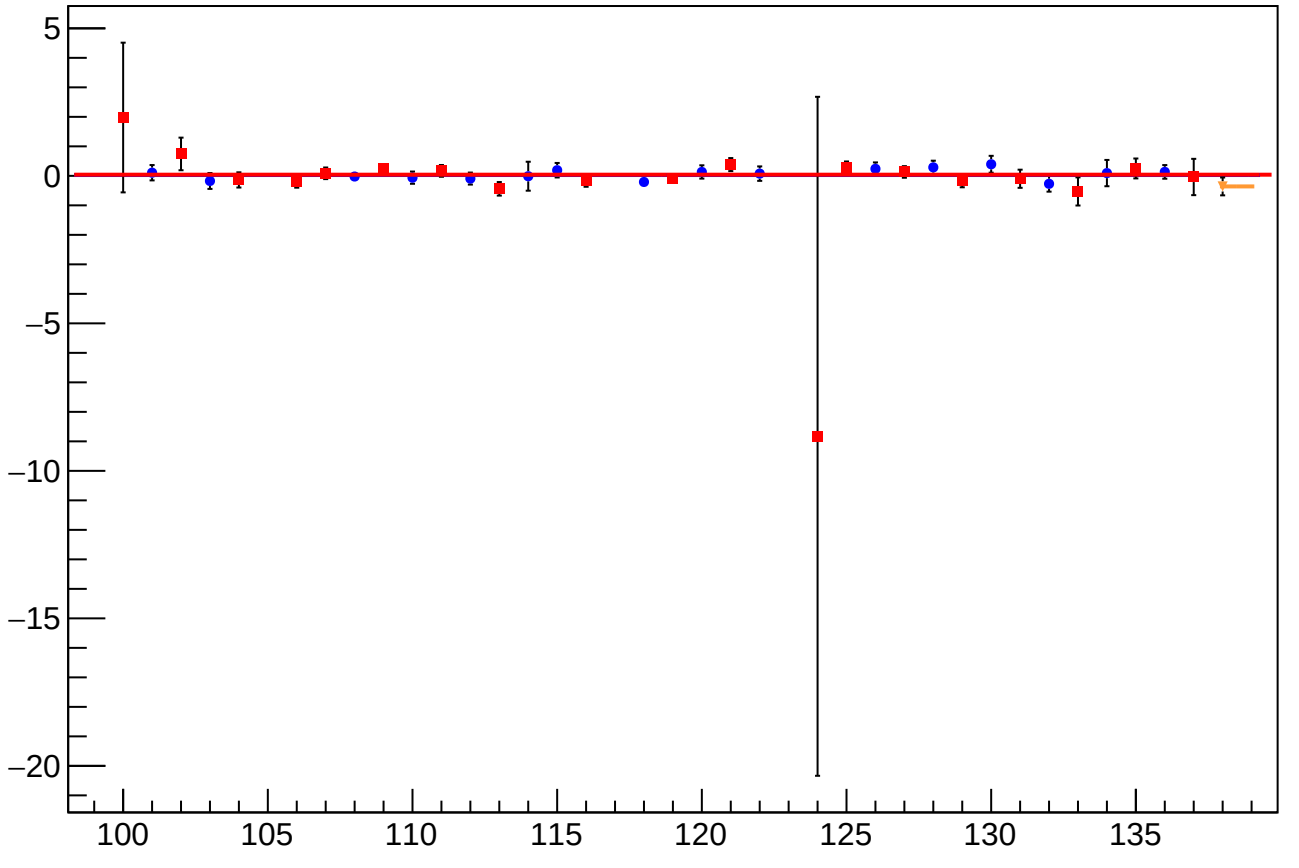
Right Out: 134.506+/-0.039 χ^2/NDF: 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1270979.4/16

All: 142.384+/-0.028 χ^2/NDF: 2962947.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

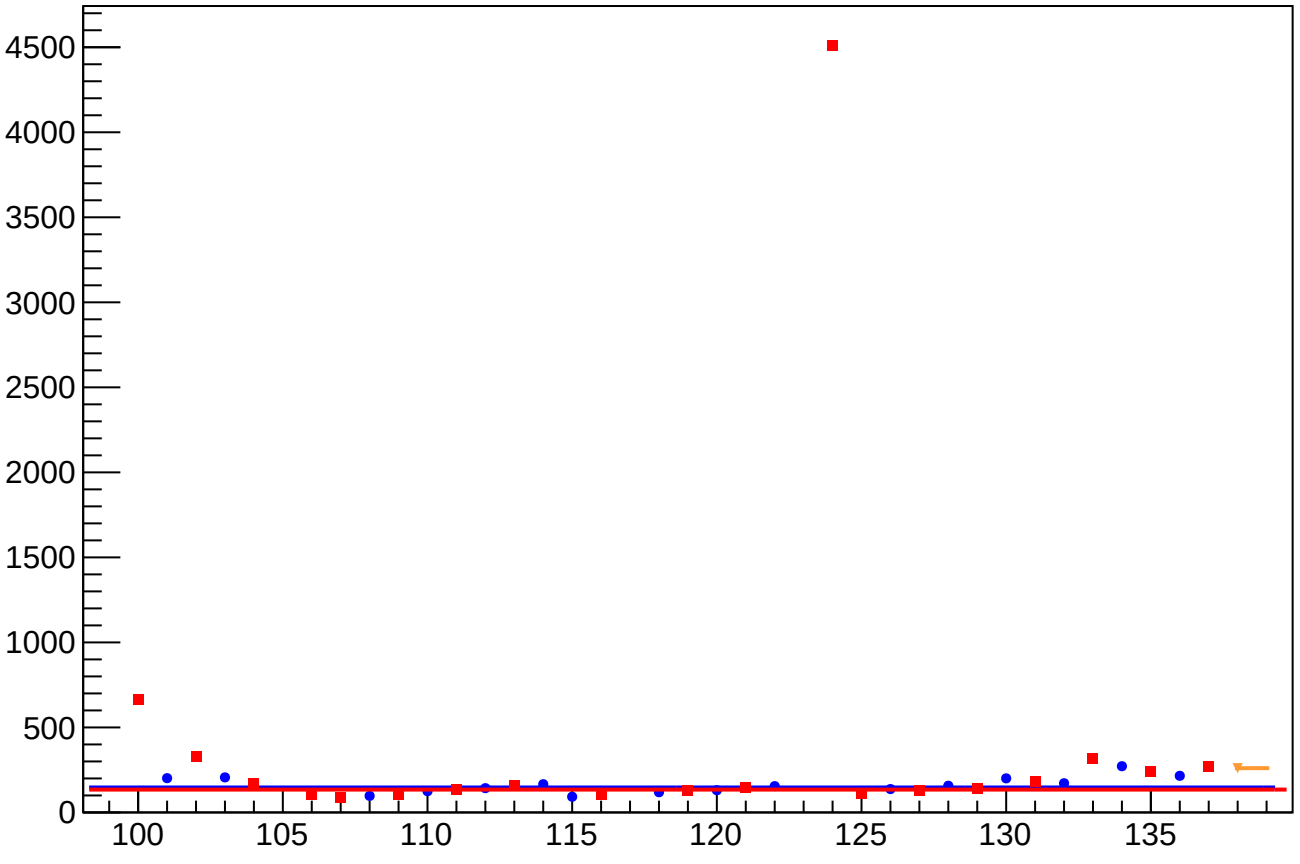
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998646.8/15

Left Out: 260.470+/-0.214 χ^2/NDF:0.0/0

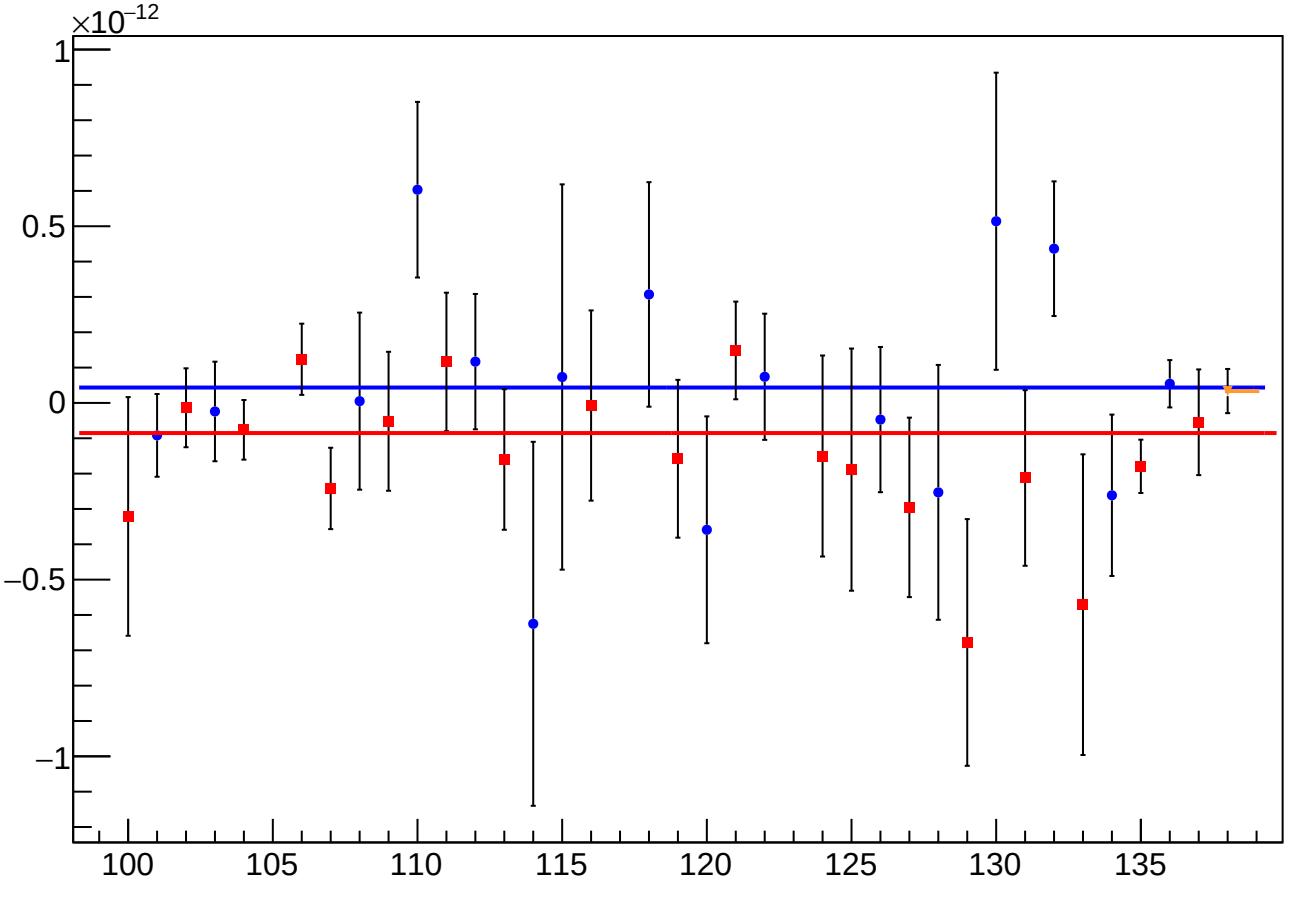
Right Out: 134.506+/-0.039 χ^2/NDF: 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1270979.4/16

All: 142.384+/-0.028 χ^2/NDF: 2962947.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

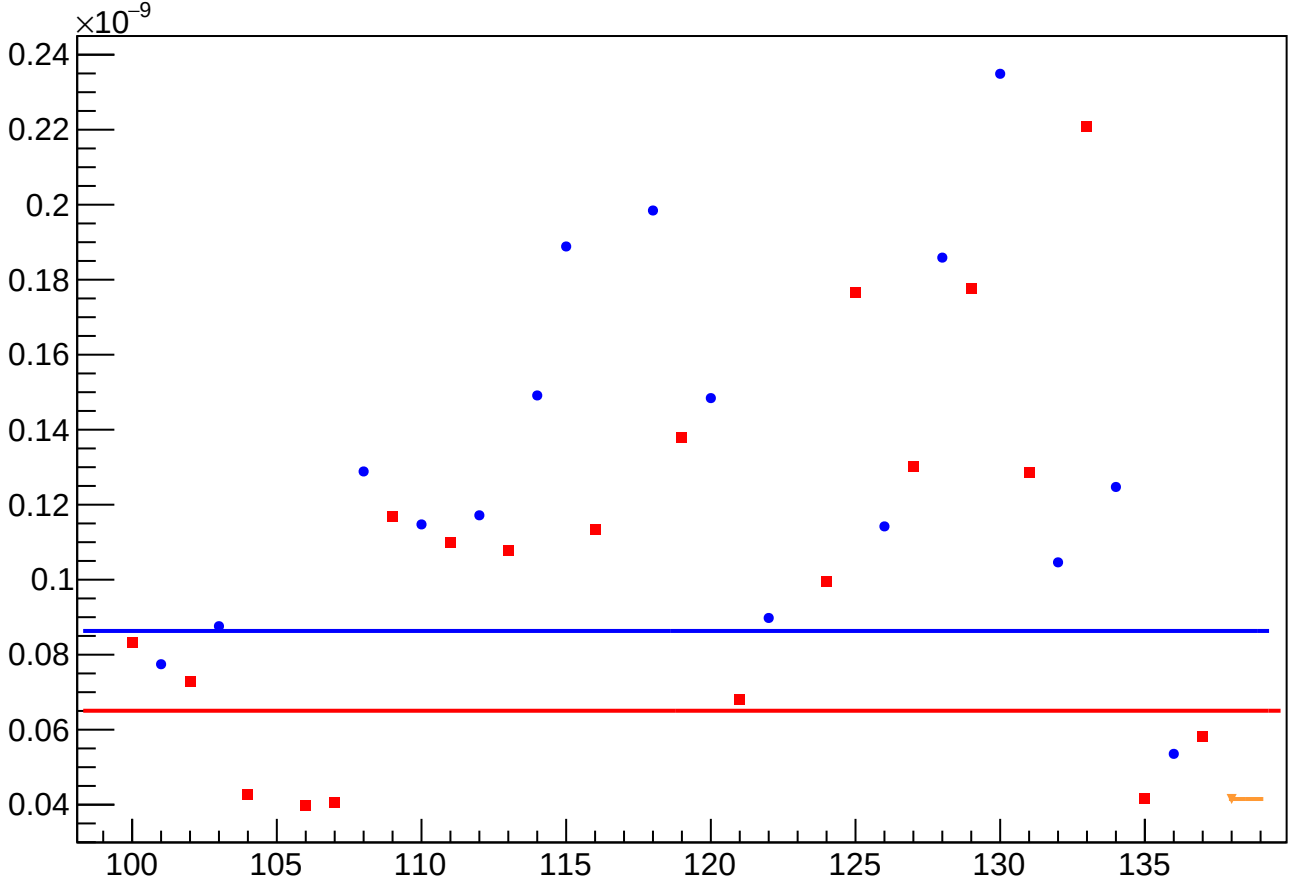
Right Out: -0.000+/-0.000 χ^2/NDF: 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 19.0/16

All: -0.000+/-0.000 χ^2/NDF: 43.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1565662.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

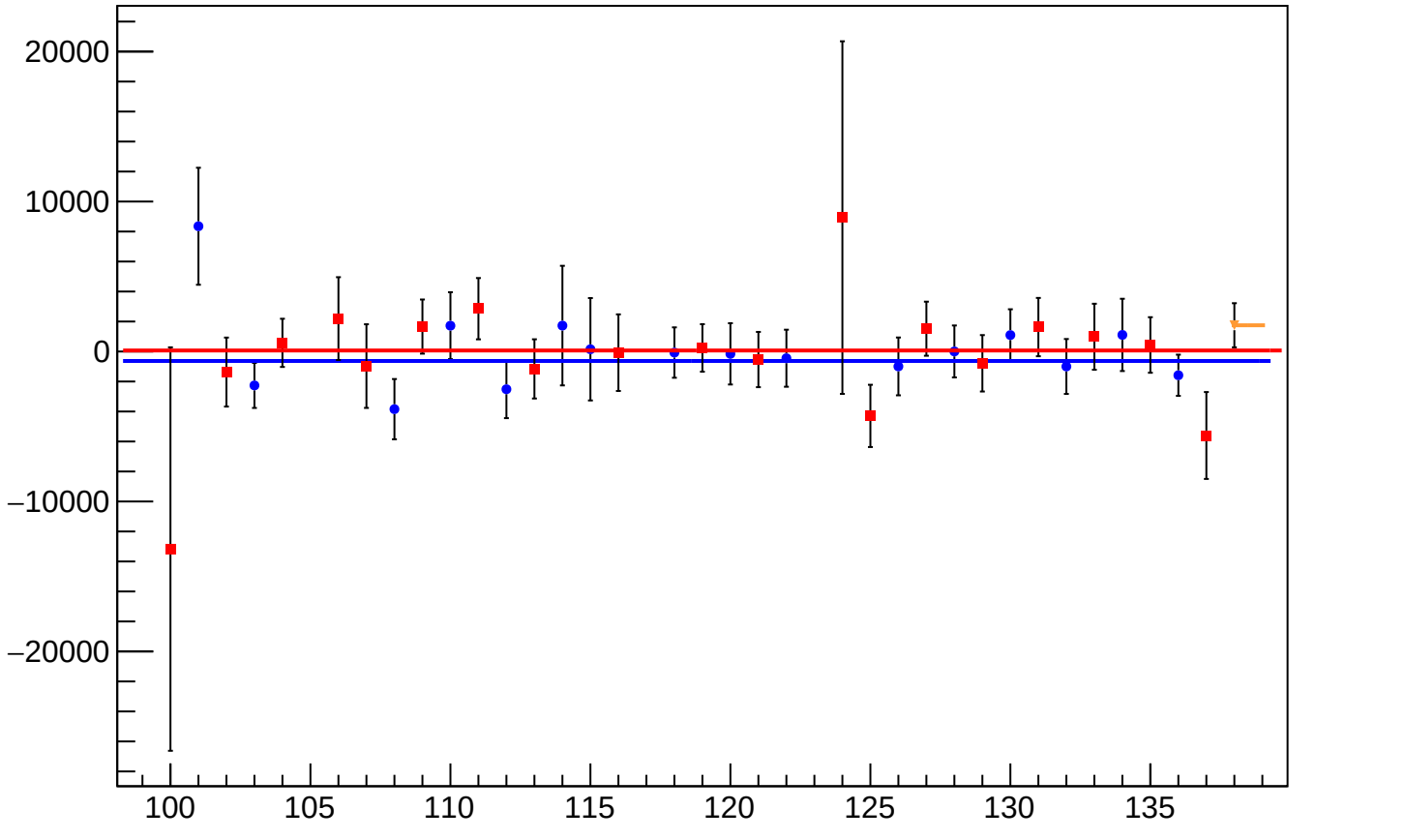
Right Out: 0.000+/-0.000 χ^2/NDF: 2158861.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2265748.3/16

All: 0.000+/-0.000 χ^2/NDF: 4465296.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -631.041+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.176+/-1472.063 χ^2/NDF:0.0/0

Right Out: 67.642+/-487.761 χ^2/NDF: 15.9/18

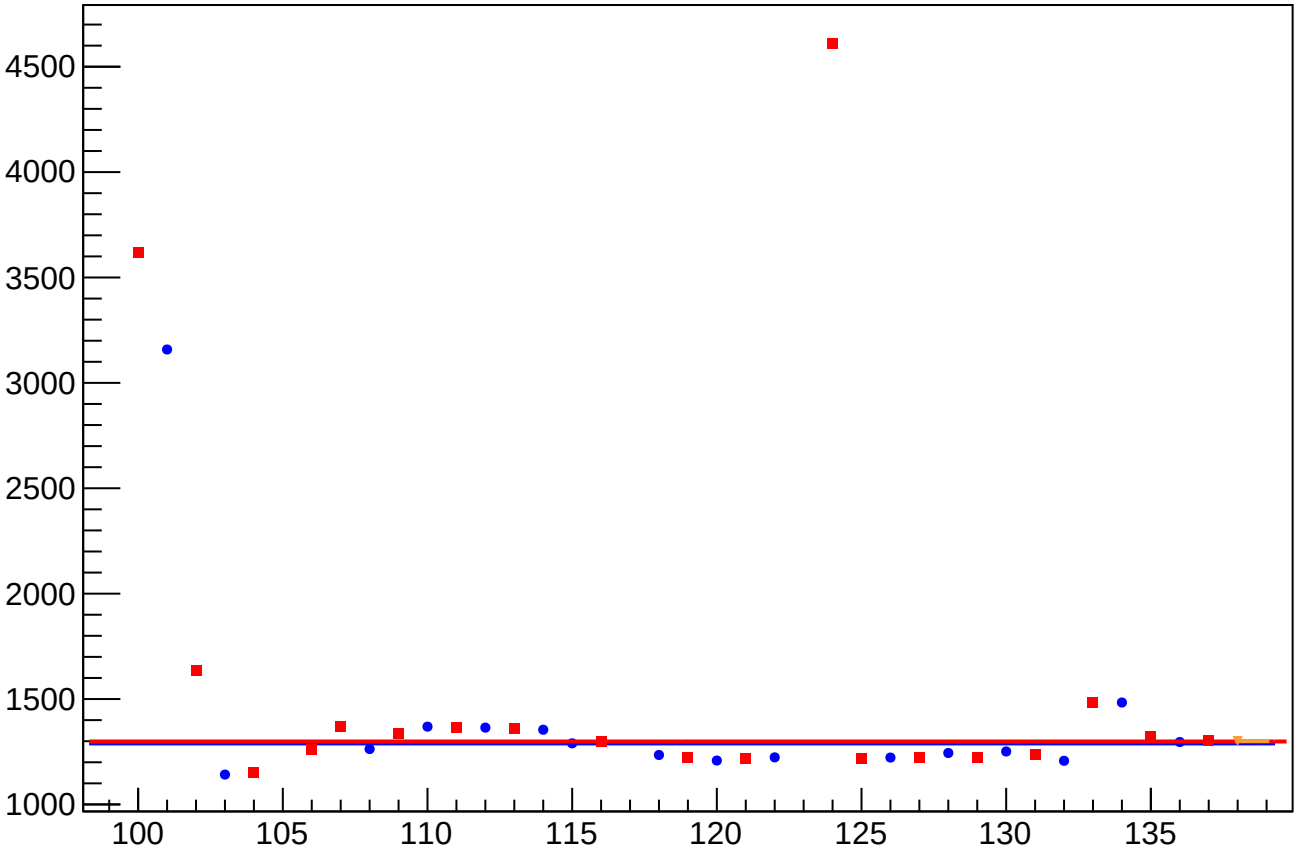
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -394.785+/-463.777 χ^2/NDF: 16.3/16

All: -175.219+/-336.099 χ^2/NDF: 32.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514675.0/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

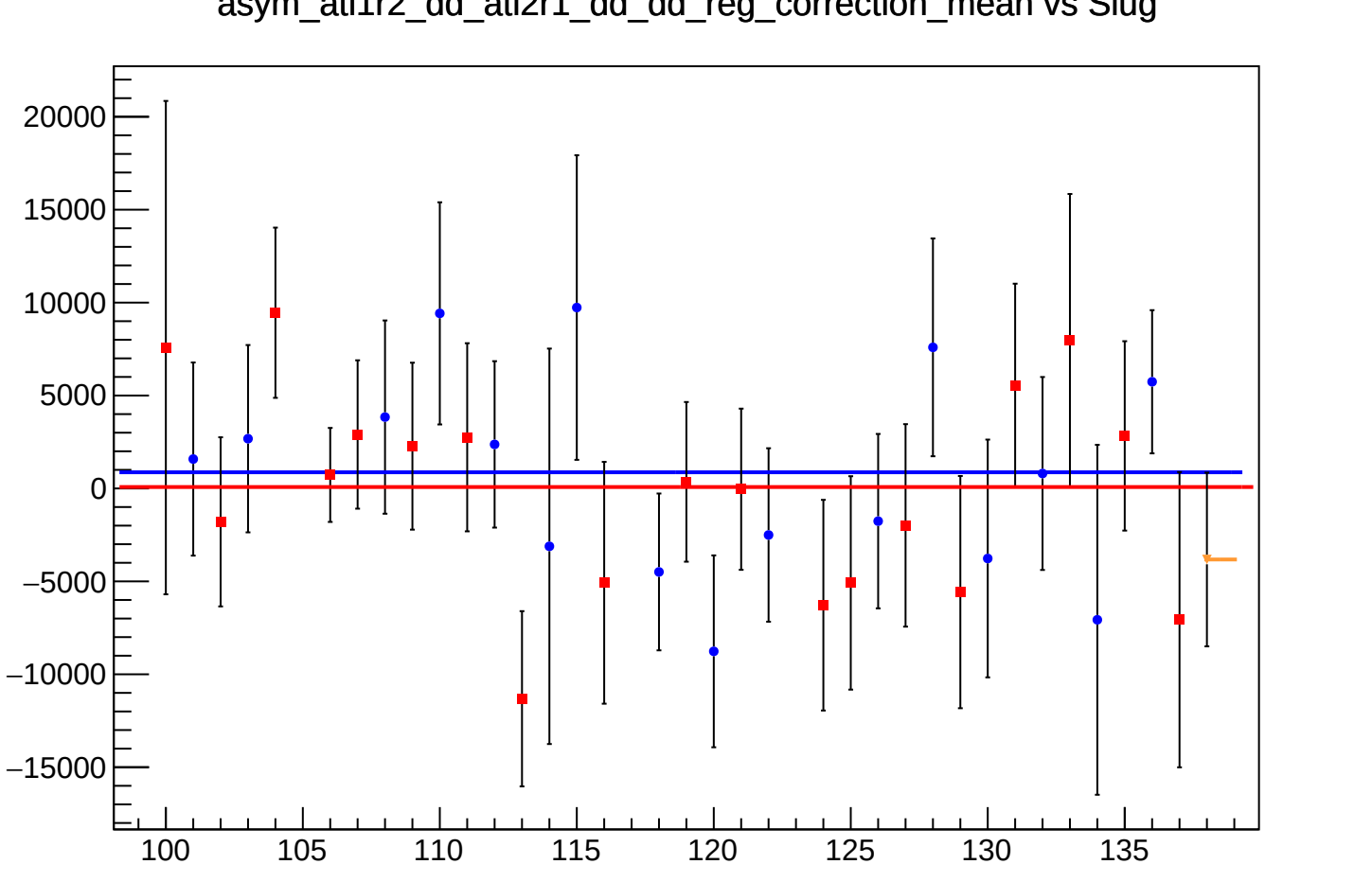
Right Out: 1298.656+/-0.344 χ^2/NDF: 319374.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1290.554+/-0.328 χ^2/NDF: 514774.9/16

All: 1294.411+/-0.237 χ^2/NDF: 834440.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 870.295+/-1325.278 χ^2/NDF: 14.0/15

Left Out: -3822.471+/-4673.884 χ^2/NDF:0.0/0

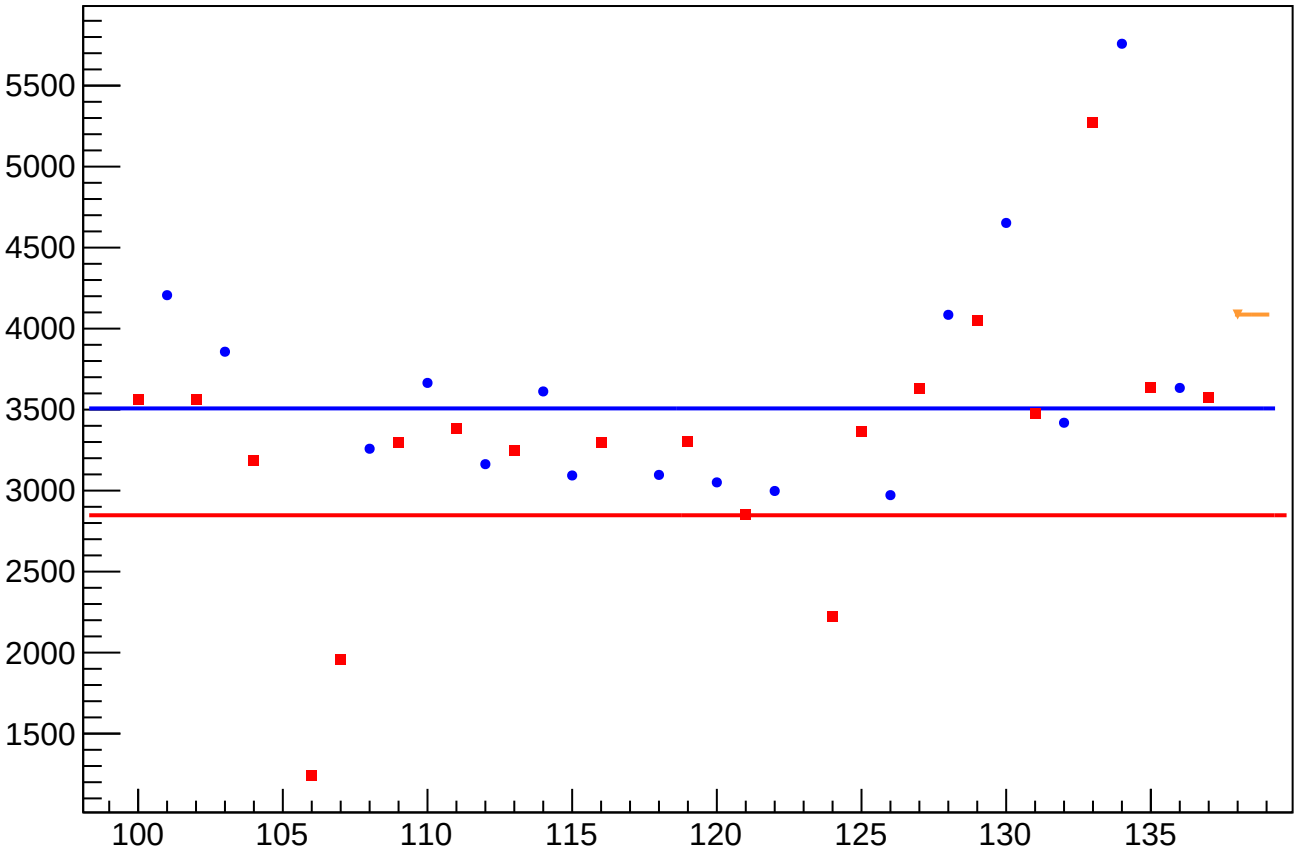
Right Out: 77.323+/-1111.074 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 521.072+/-1275.013 χ^2/NDF: 15.0/16

All: 268.853+/-837.652 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3507.397+/-0.937 χ^2/NDF: 353979.1/15

Left Out: 4086.792+/-3.305 χ^2/NDF:0.0/0

Right Out: 2847.833+/-0.786 χ^2/NDF: 1499373.6/18

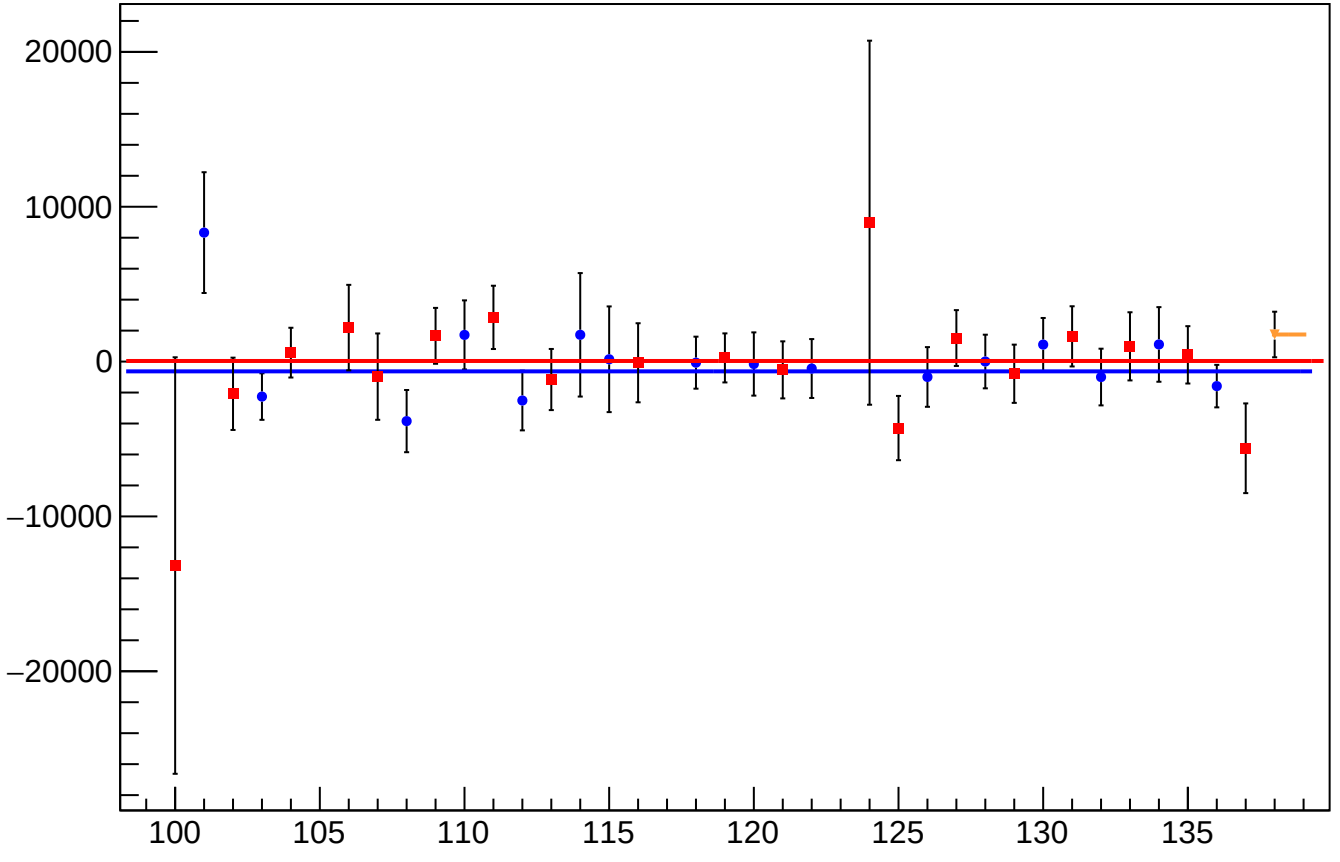
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3550.514+/-0.902 χ^2/NDF: 382426.3/16

All: 3151.122+/-0.592 χ^2/NDF: 2227069.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -631.427+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.097+/-1472.063 χ^2/NDF:0.0/0

Right Out: 38.623+/-488.084 χ^2/NDF: 16.3/18

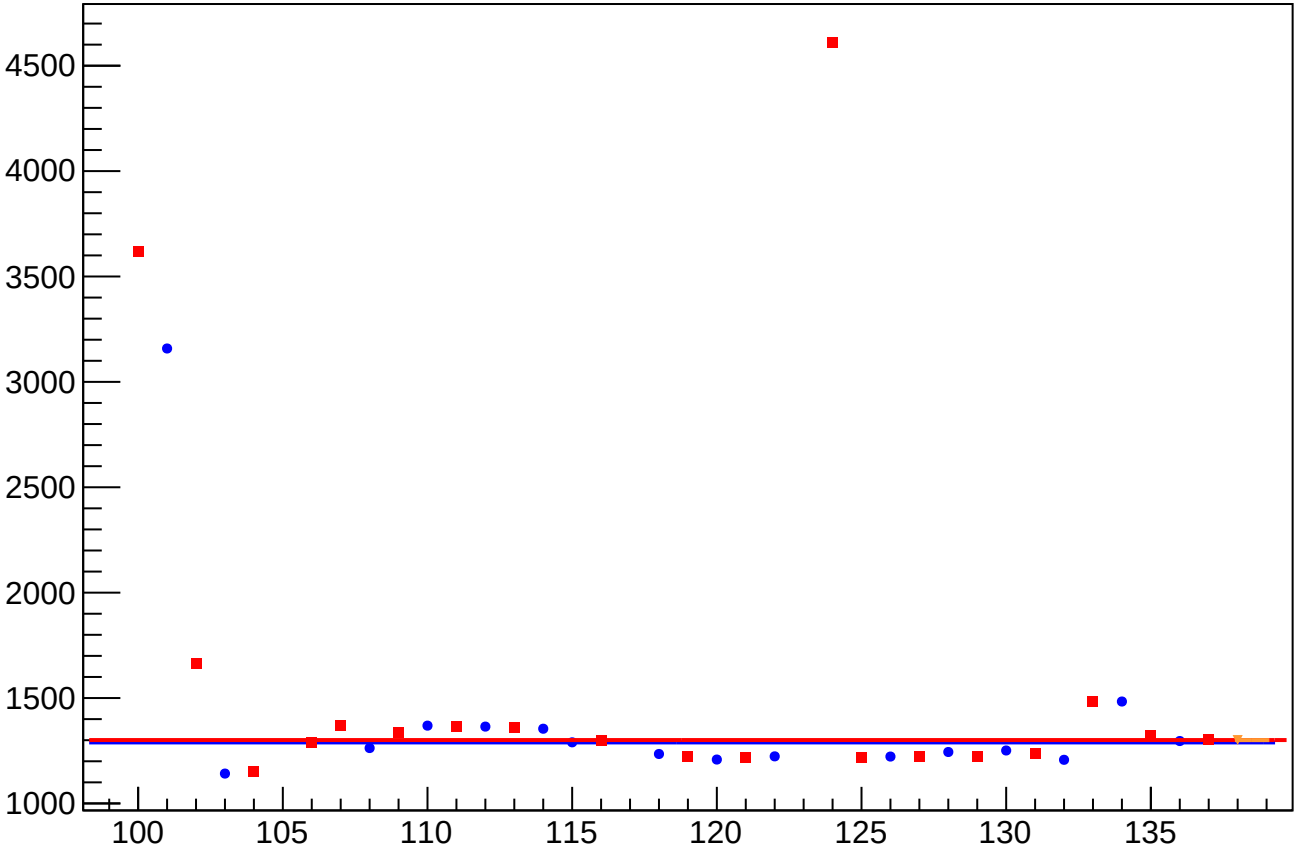
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -395.140+/-463.777 χ^2/NDF: 16.2/16

All: -189.328+/-336.205 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514676.5/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

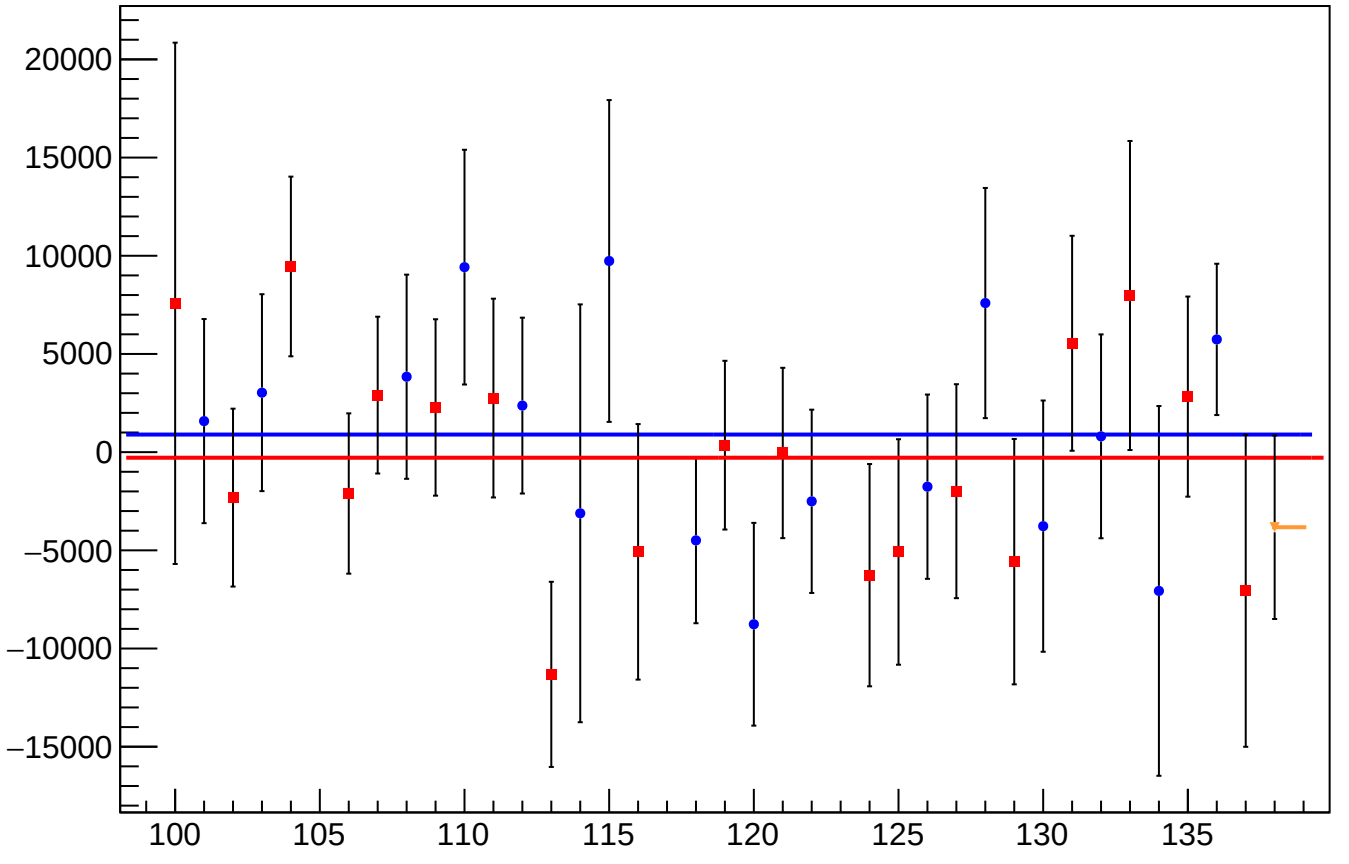
Right Out: 1300.684+/-0.344 χ^2/NDF: 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1290.554+/-0.328 χ^2/NDF: 514776.3/16

All: 1295.370+/-0.238 χ^2/NDF: 841137.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 896.017+/-1324.823 χ^2/NDF: 14.1/15

Left Out: -3822.622+/-4673.882 χ^2/NDF:0.0/0

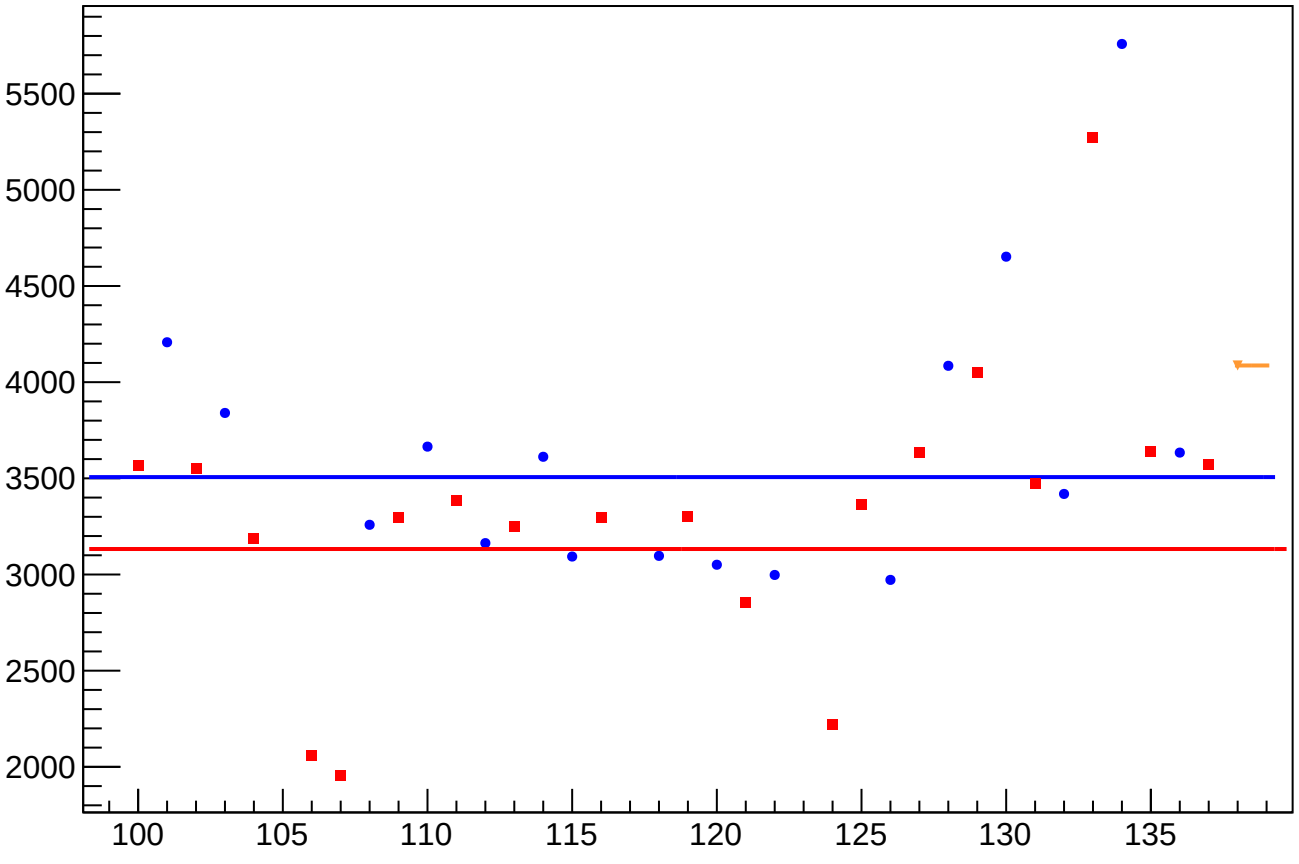
Right Out: -283.963+/-1183.171 χ^2/NDF: 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 545.091+/-1274.608 χ^2/NDF: 15.0/16

All: 99.764+/-867.154 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3506.484+/-0.937 χ^2/NDF: 353237.7/15

Left Out: 4086.790+/-3.305 χ^2/NDF:0.0/0

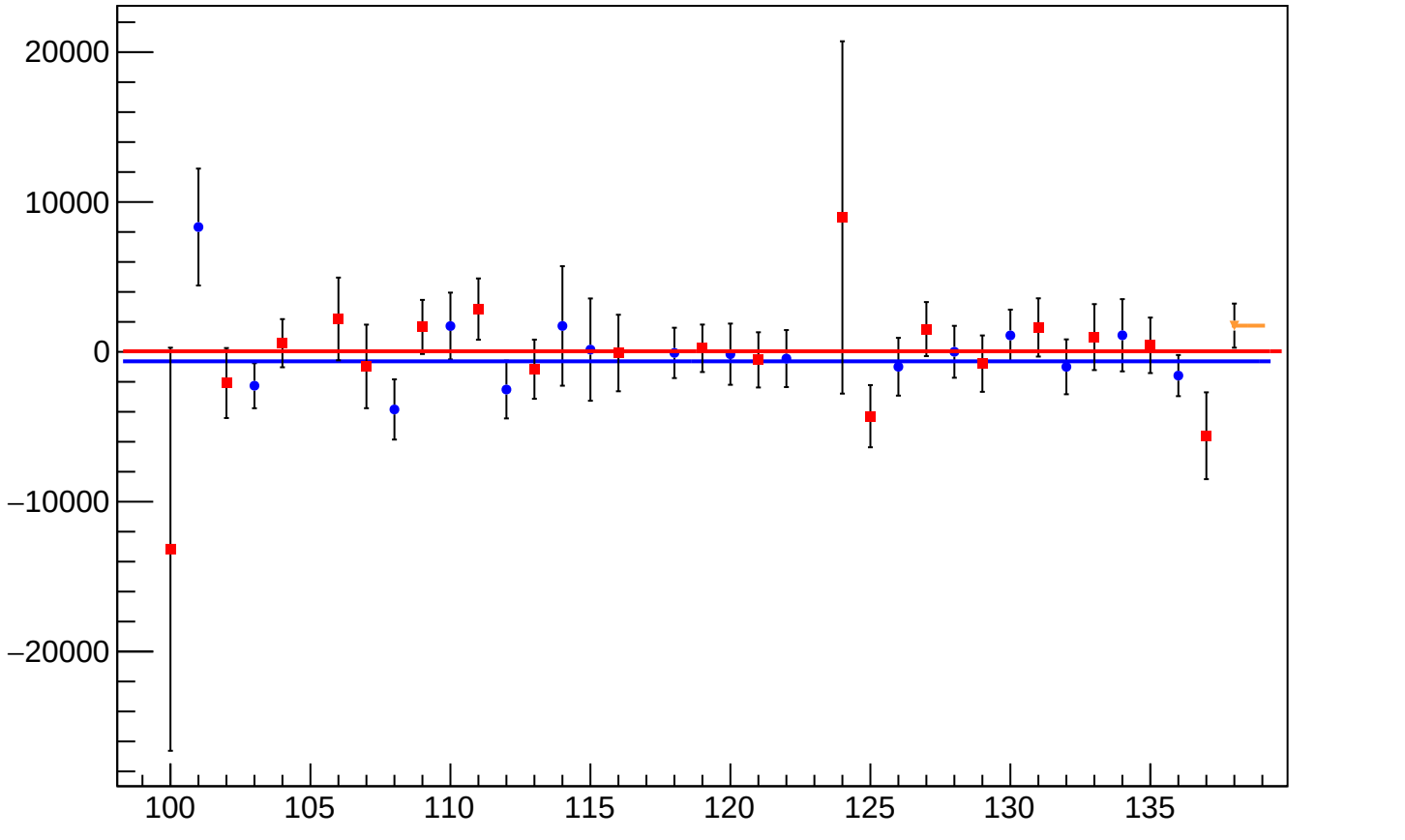
Right Out: 3132.586+/-0.837 χ^2/NDF: 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3549.641+/-0.901 χ^2/NDF: 381775.9/16

All: 3325.620+/-0.613 χ^2/NDF: 1146403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -631.427+/-488.663 χ^2/NDF: 13.9/15

Left Out: 1749.097+/-1472.063 χ^2/NDF:0.0/0

Right Out: 38.623+/-488.084 χ^2/NDF: 16.3/18

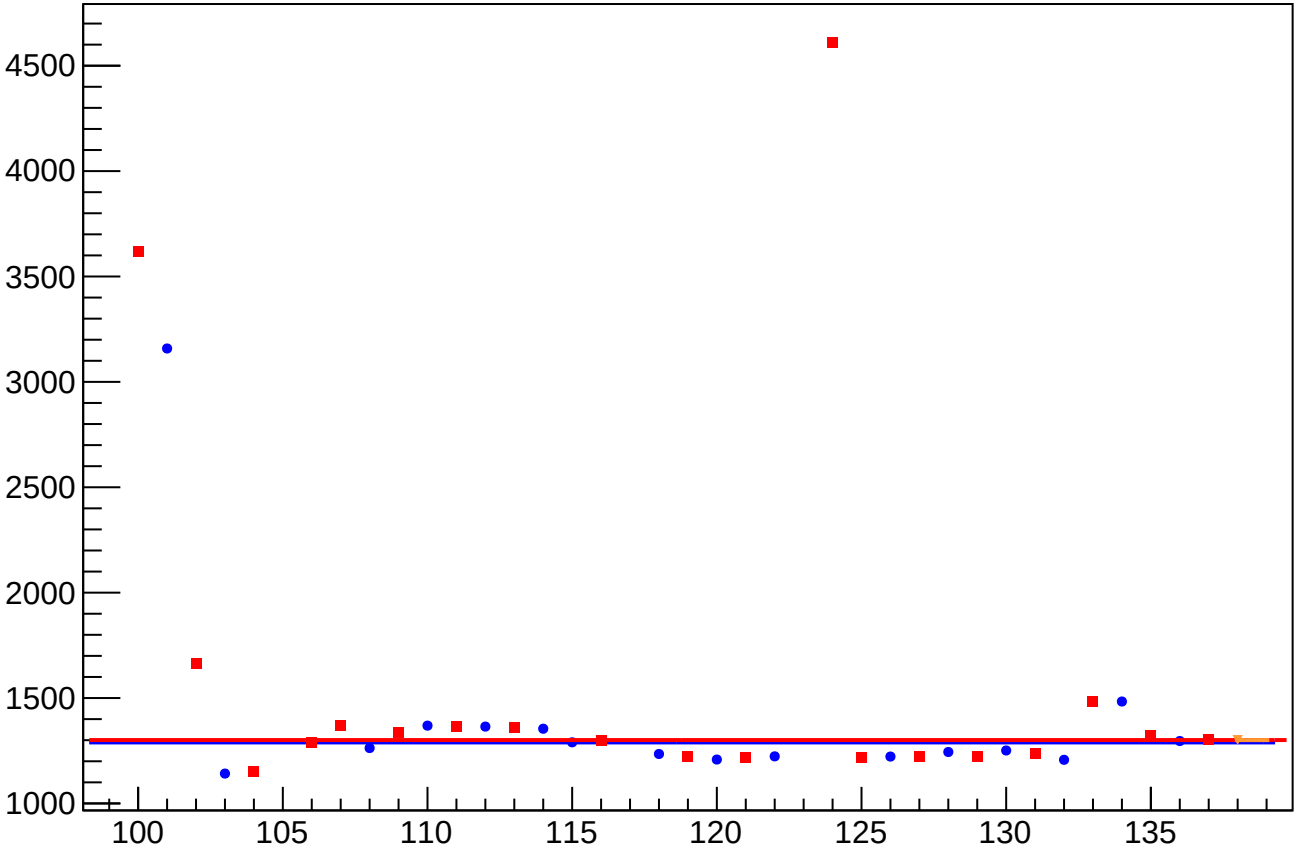
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -395.140+/-463.777 χ^2/NDF: 16.2/16

All: -189.328+/-336.205 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1289.466+/-0.346 χ^2/NDF: 514676.5/15

Left Out: 1300.423+/-1.041 χ^2/NDF:0.0/0

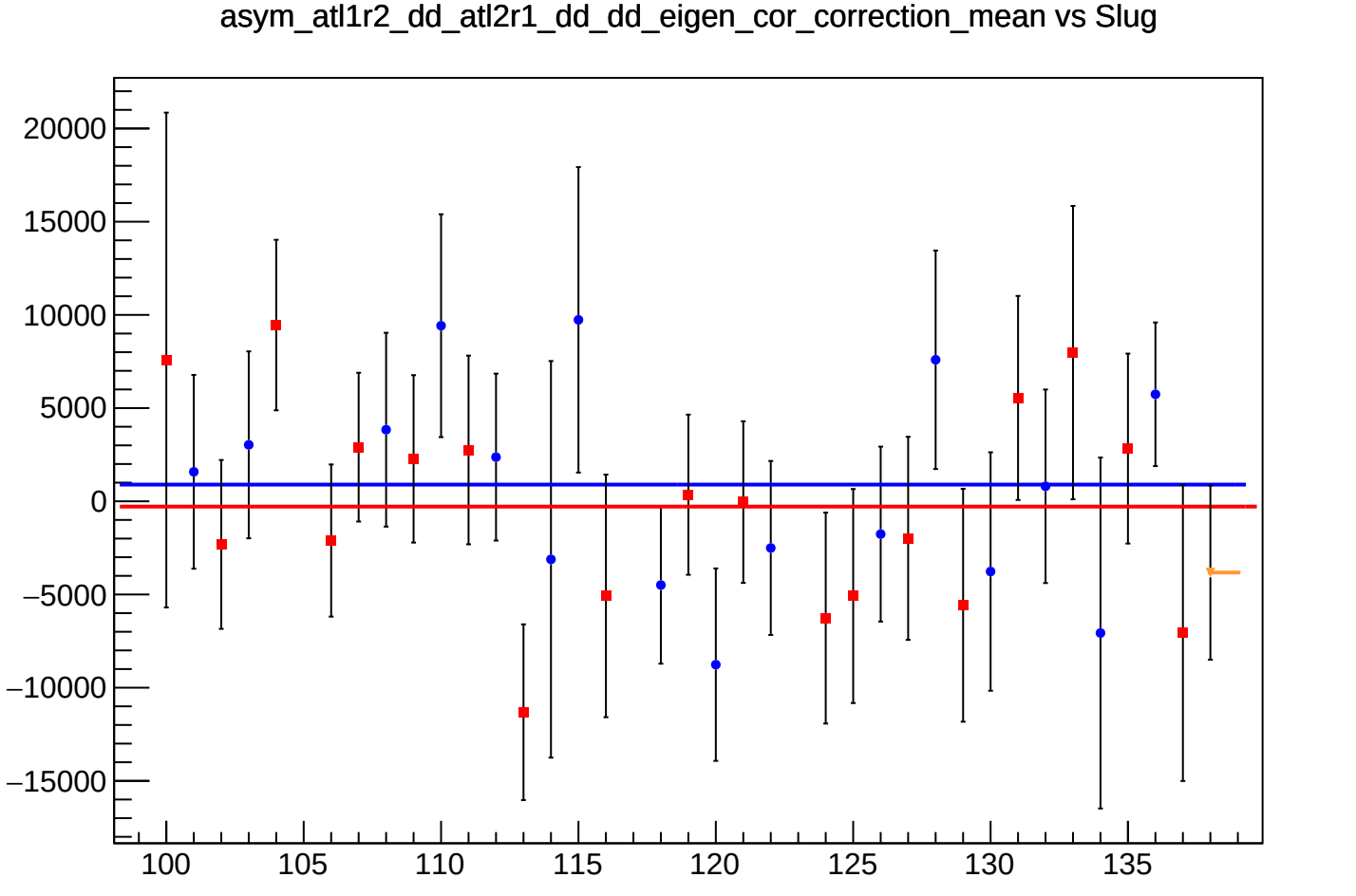
Right Out: 1300.684+/-0.344 χ^2/NDF: 325907.6/18

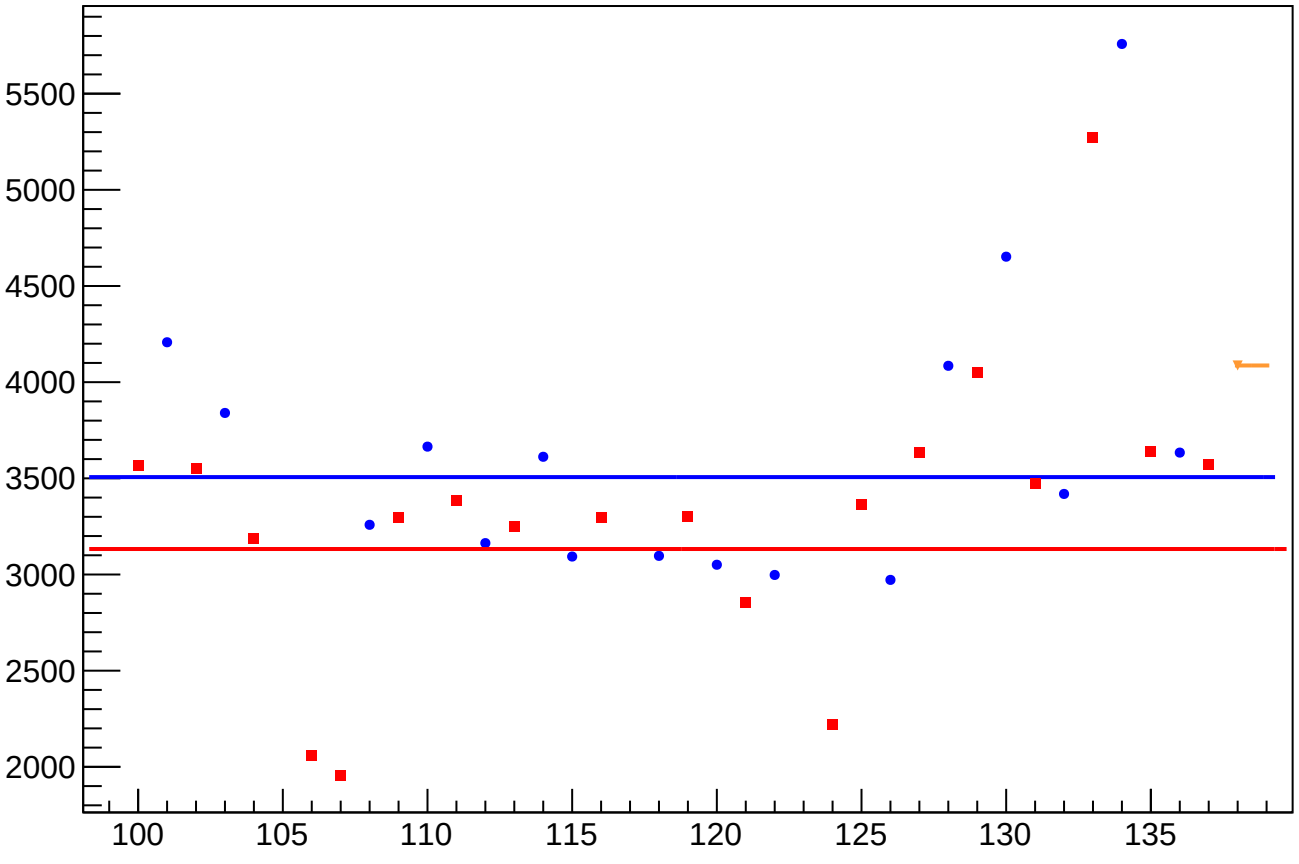
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1290.554+/-0.328 χ^2/NDF: 514776.3/16

All: 1295.370+/-0.238 χ^2/NDF: 841137.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug
20000
15000
10000
5000
0
−5000
−10000
−15000
100
105
110
115
120
125
130
135
Right In: 896.017+/-1324.823 χ²/NDF: 14.1/15
Left Out: -3822.622+/-4673.882 χ²/NDF:0.0/0
Right Out: -283.963+/-1183.171 χ²/NDF: 18.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 545.091+/-1274.608 χ²/NDF: 15.0/16
All: 99.764+/-867.154 χ²/NDF: 33.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 3506.484+/-0.937 χ^2/NDF: 353237.7/15

Left Out: 4086.790+/-3.305 χ^2/NDF:0.0/0

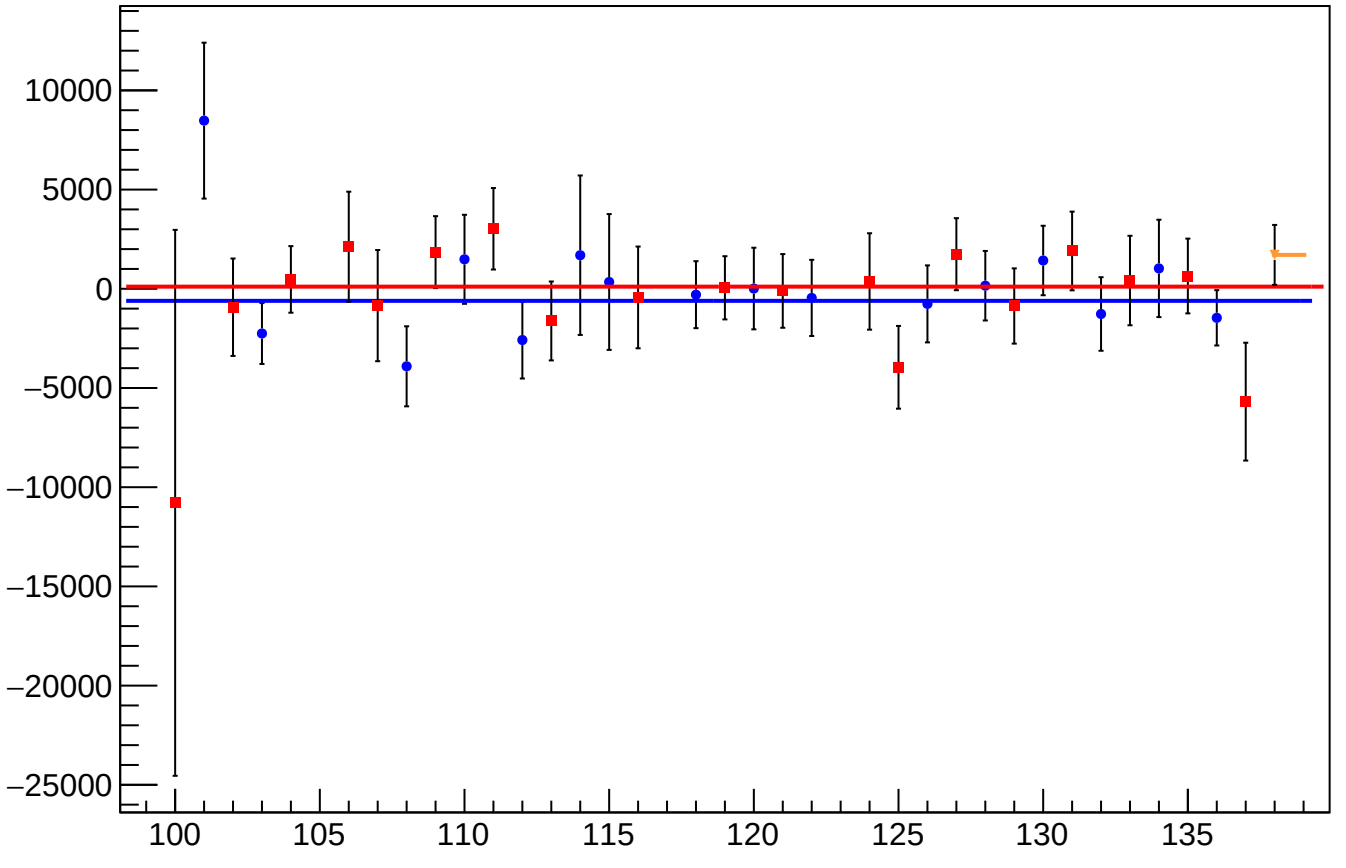
Right Out: 3132.586+/-0.837 χ^2/NDF: 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3549.641+/-0.901 χ^2/NDF: 381775.9/16

All: 3325.620+/-0.613 χ^2/NDF: 1146403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -607.831+/-494.182 χ^2/NDF: 14.1/15

Left Out: 1709.032+/-1509.647 χ^2/NDF:0.0/0

Right Out: 108.614+/-485.552 χ^2/NDF: 14.9/18

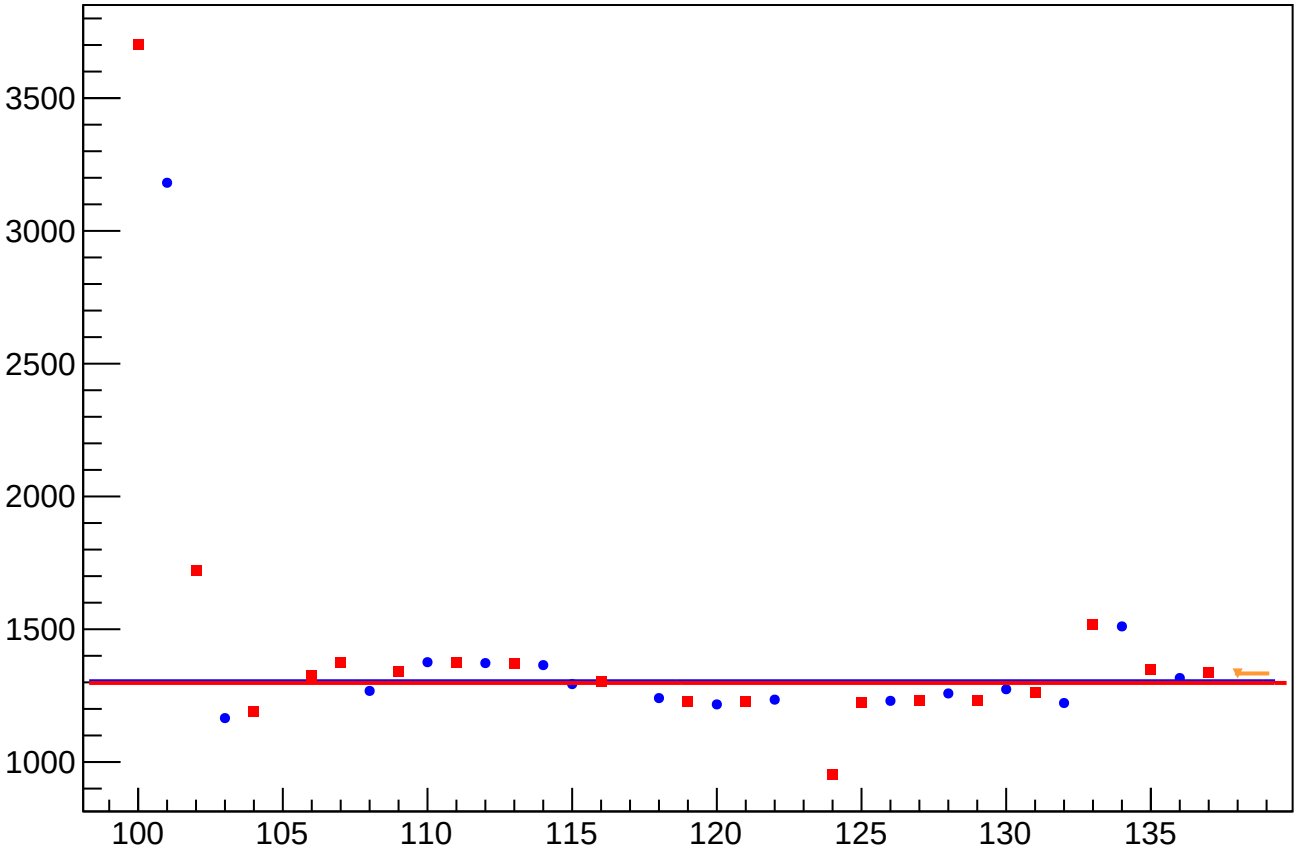
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -383.591+/-469.658 χ^2/NDF: 16.2/16

All: -145.676+/-337.578 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1304.102+/-0.349 χ^2/NDF: 510589.4/15

Left Out: 1333.477+/-1.067 χ^2/NDF:0.0/0

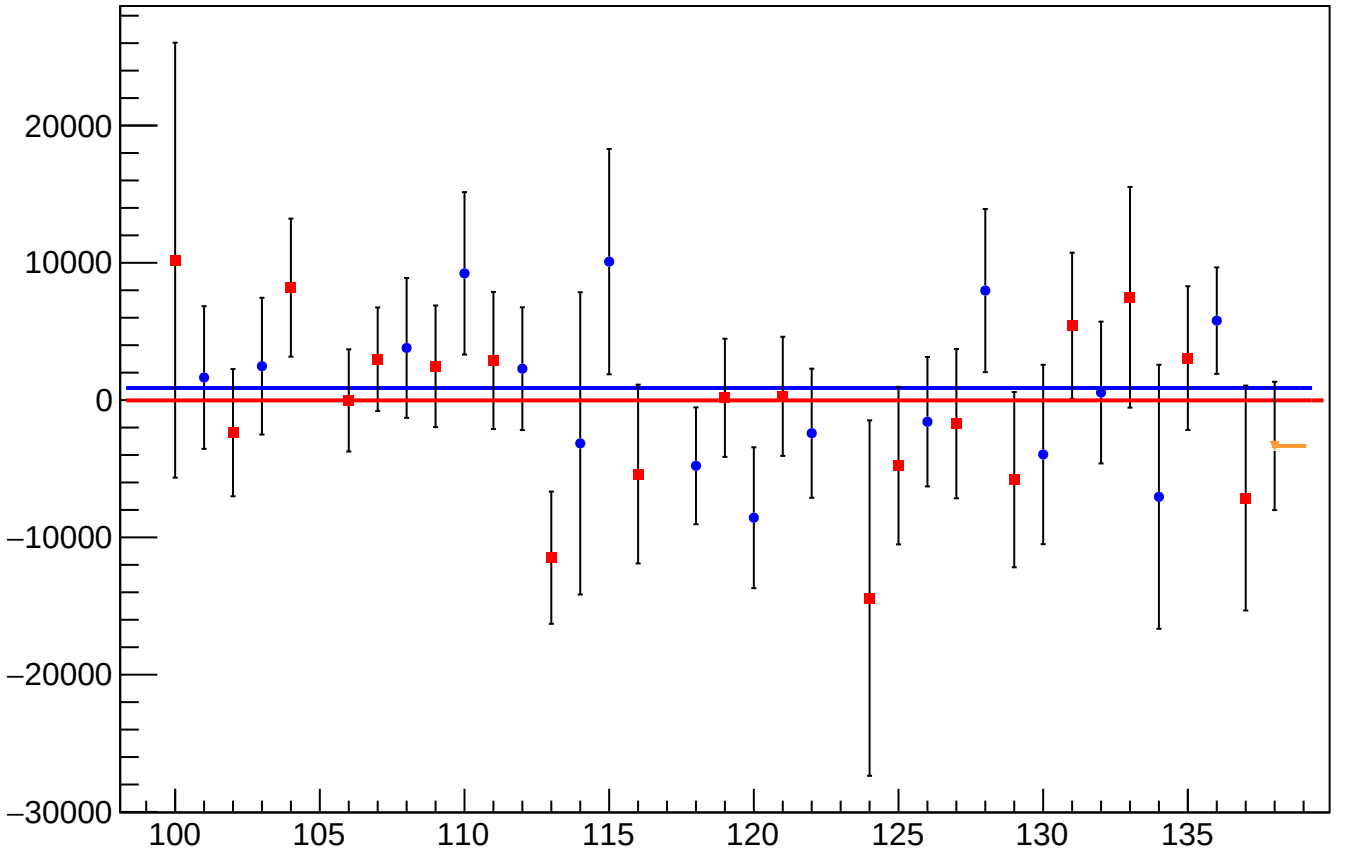
Right Out: 1297.796+/-0.343 χ^2/NDF: 213096.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.945+/-0.332 χ^2/NDF: 511273.3/16

All: 1302.520+/-0.239 χ^2/NDF: 724737.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.058+/-1327.399 χ^2/NDF: 14.1/15

Left Out: -3338.973+/-4673.285 χ^2/NDF:0.0/0

Right Out: -20.681+/-1200.015 χ^2/NDF: 16.8/18

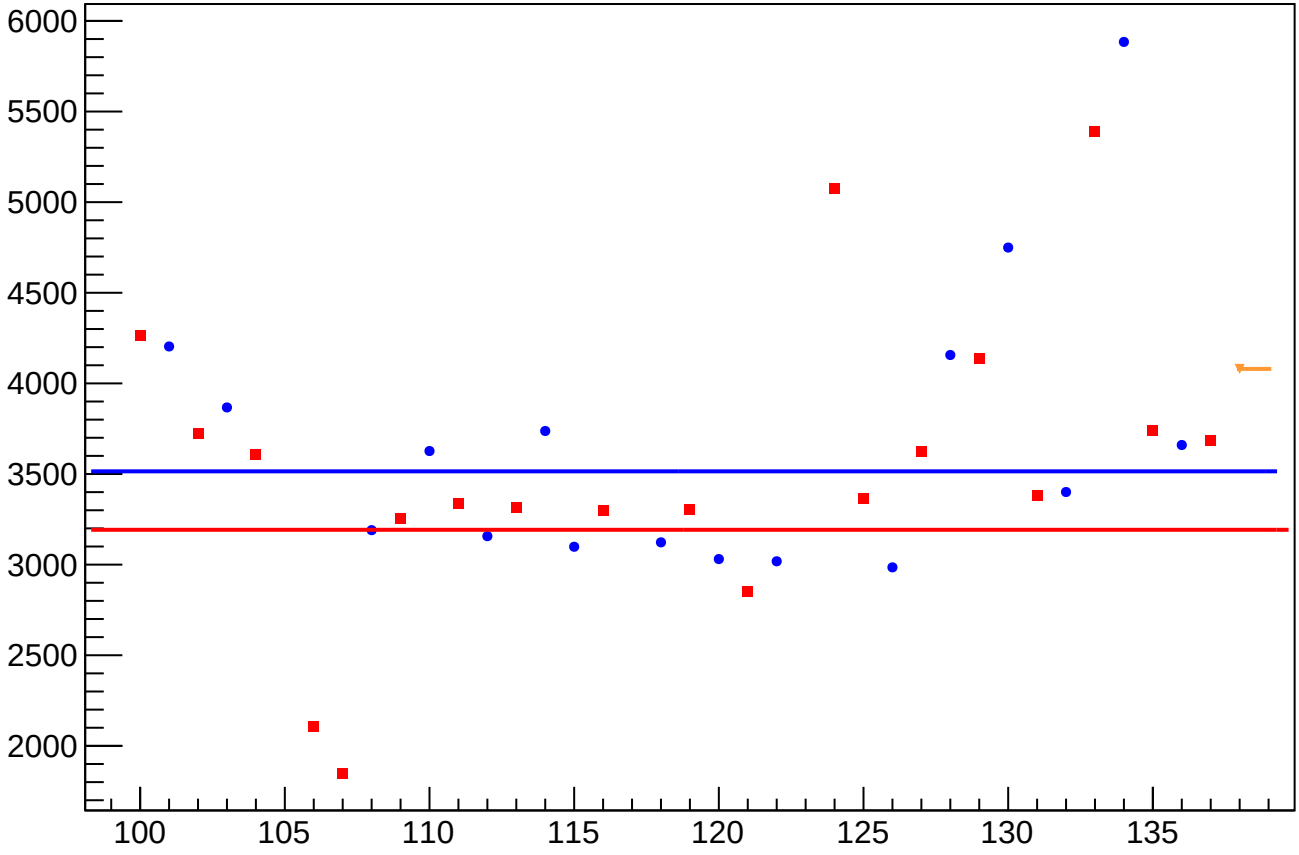
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 568.785+/-1276.889 χ^2/NDF: 14.9/16

All: 255.775+/-874.453 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3514.746+/-0.939 χ^2/NDF: 375078.6/15

Left Out: 4079.841+/-3.305 χ^2/NDF:0.0/0

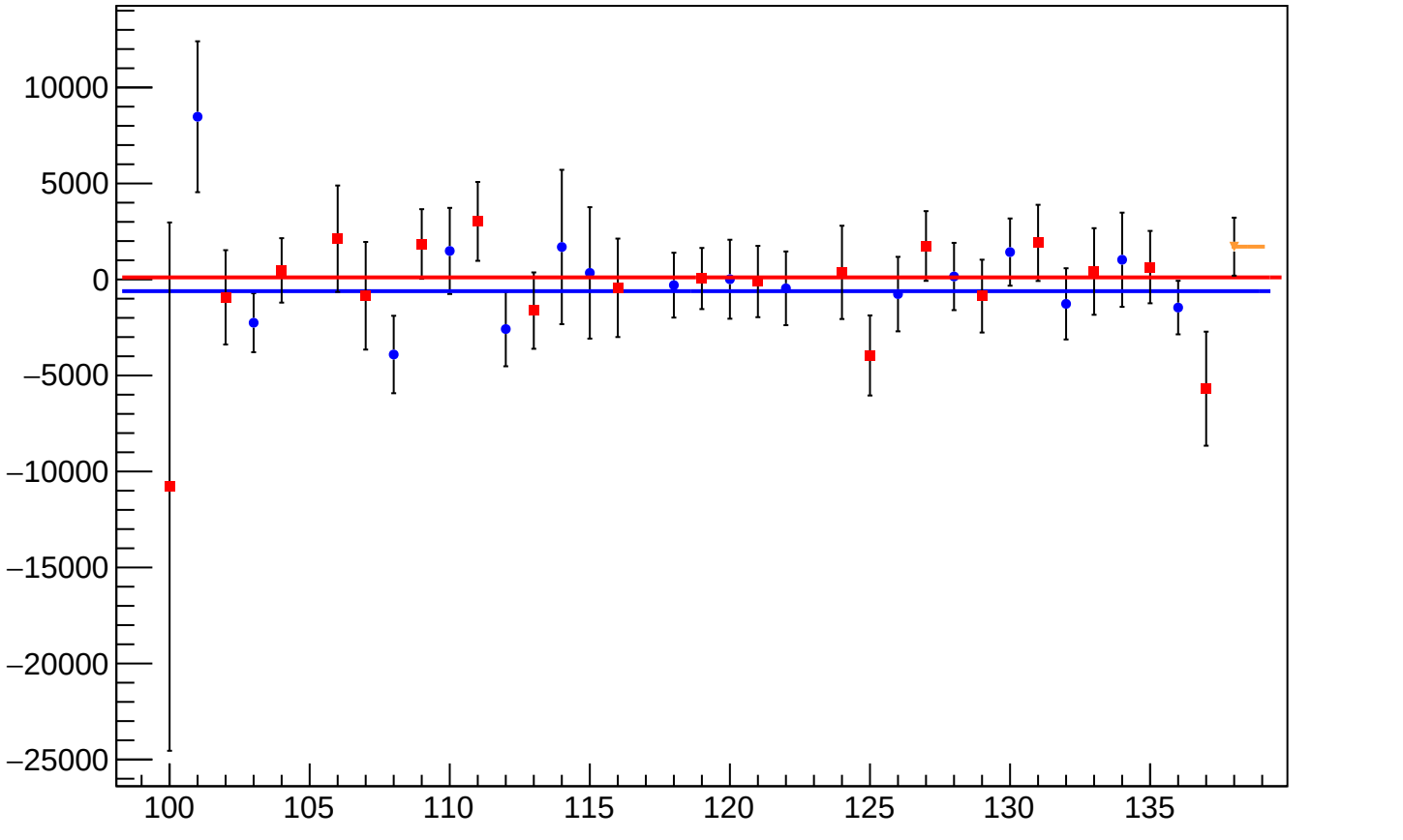
Right Out: 3192.203+/-0.849 χ^2/NDF: 772495.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3556.933+/-0.903 χ^2/NDF: 402138.9/16

All: 3363.259+/-0.618 χ^2/NDF: 1261284.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -607.834+/-494.182 χ^2/NDF: 14.1/15

Left Out: 1709.015+/-1509.647 χ^2/NDF:0.0/0

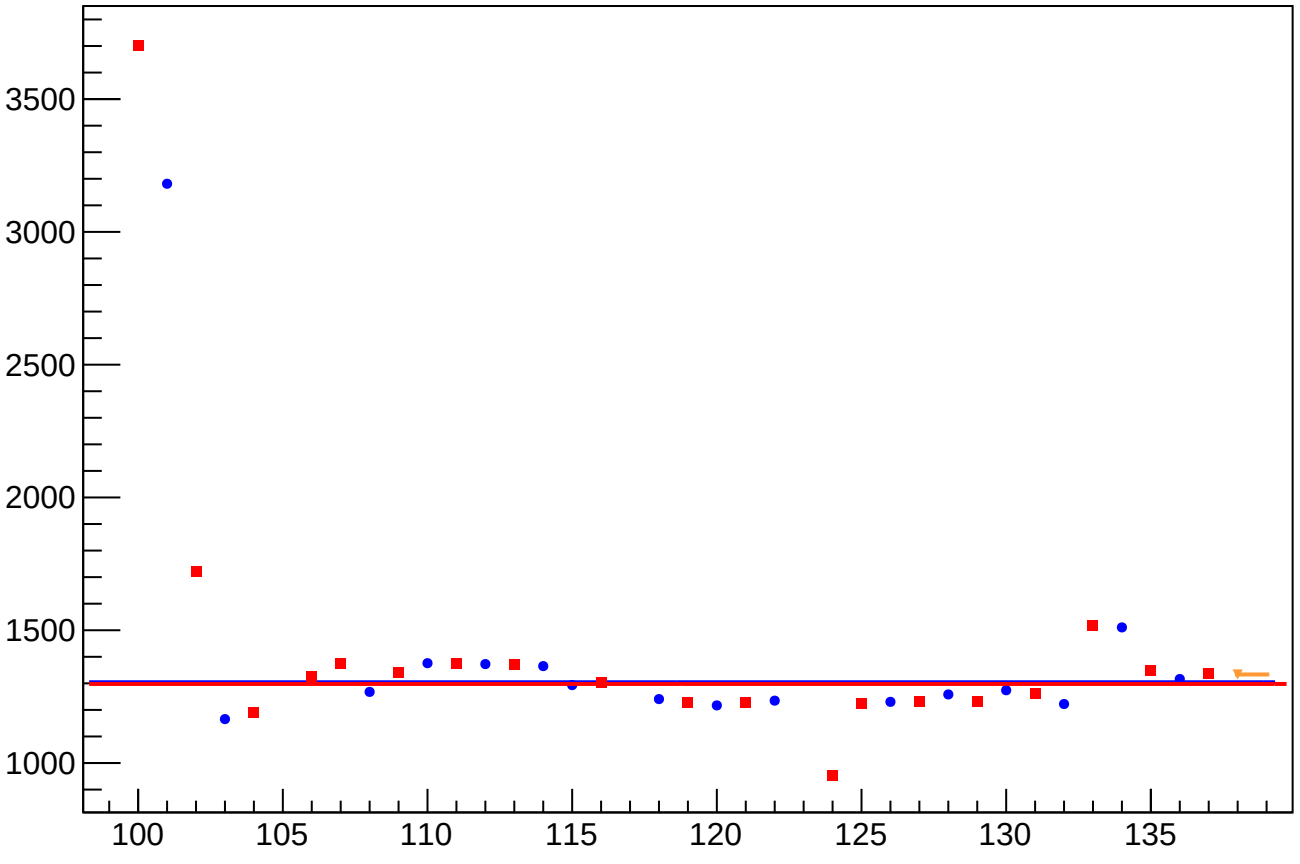
Right Out: 108.619+/-485.553 χ^2/NDF: 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -383.595+/-469.658 χ^2/NDF: 16.2/16

All: -145.676+/-337.578 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1304.102+/-0.349 χ^2/NDF: 510589.6/15

Left Out: 1333.477+/-1.067 χ^2/NDF:0.0/0

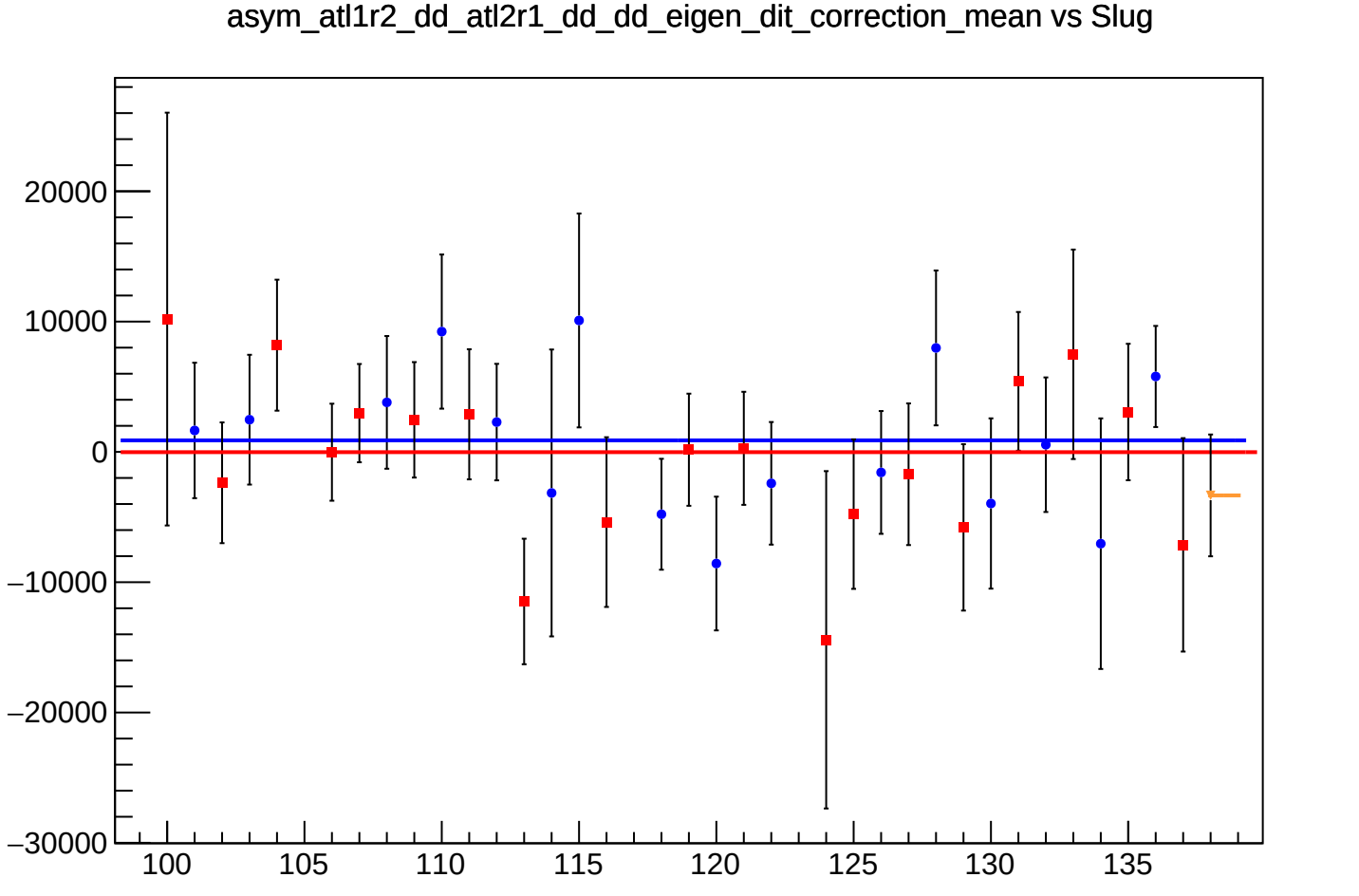
Right Out: 1297.796+/-0.343 χ^2/NDF: 213097.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.945+/-0.332 χ^2/NDF: 511273.5/16

All: 1302.520+/-0.239 χ^2/NDF: 724737.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.047+/-1327.396 χ^2/NDF: 14.1/15

Left Out: -3338.986+/-4673.298 χ^2/NDF:0.0/0

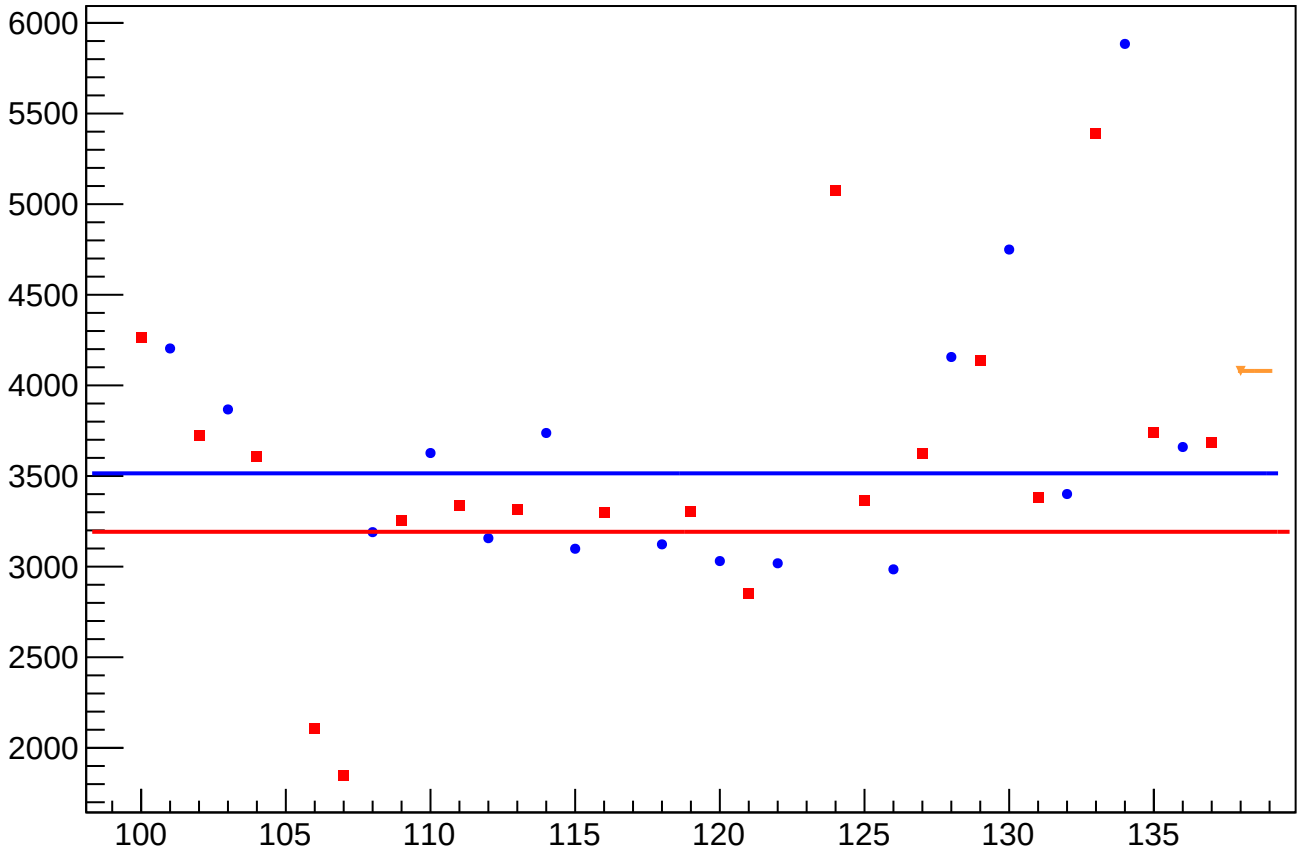
Right Out: -20.677+/-1200.012 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 568.778+/-1276.886 χ^2/NDF: 14.9/16

All: 255.773+/-874.451 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3514.737+/-0.939 χ^2/NDF: 375082.8/15

Left Out: 4079.852+/-3.305 χ^2/NDF:0.0/0

Right Out: 3192.196+/-0.849 χ^2/NDF: 772497.9/18

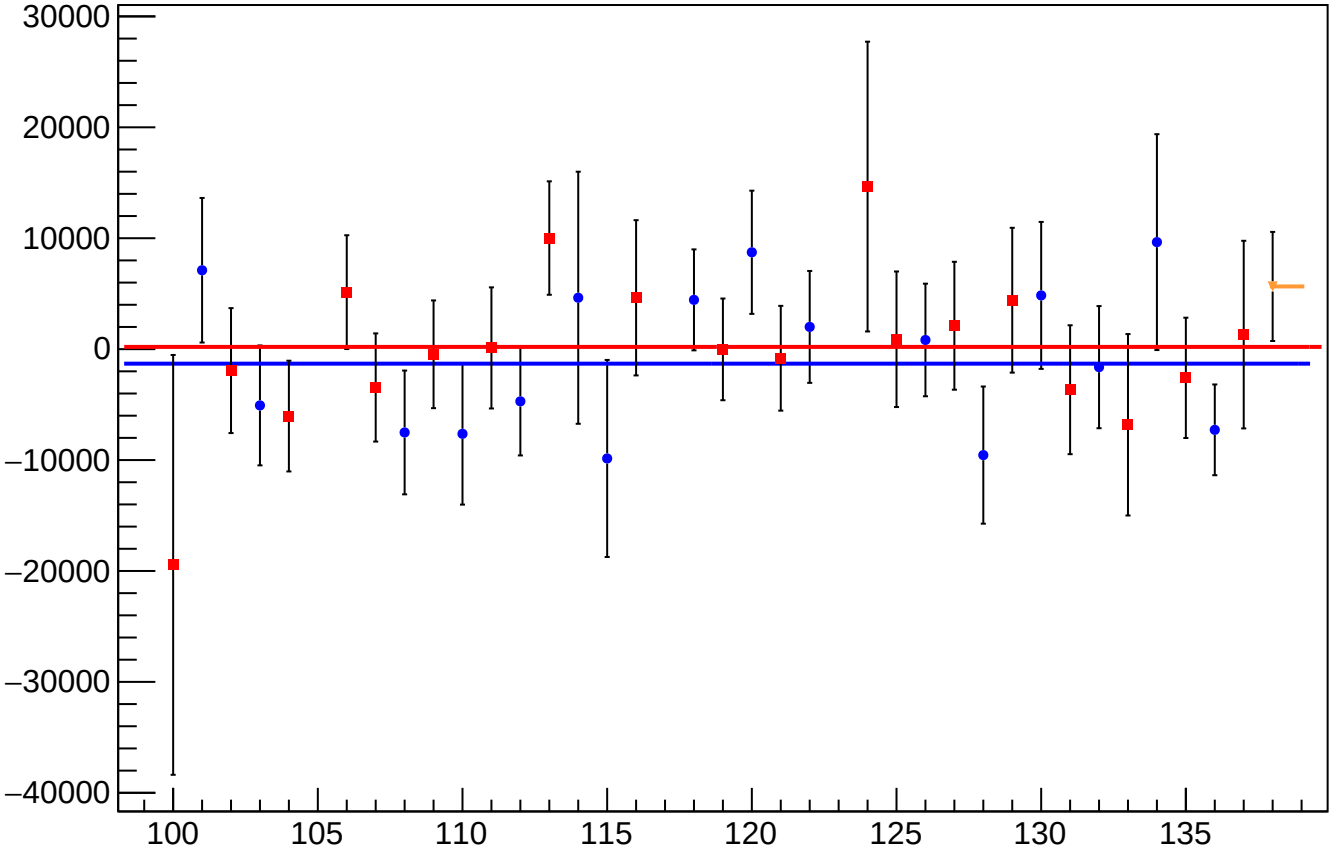
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3556.925+/-0.903 χ^2/NDF: 402144.9/16

All: 3363.251+/-0.618 χ^2/NDF: 1261292.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1309.349+/-1431.624 χ^2/NDF: 17.6/15

Left Out: 5651.648+/-4917.753 χ^2/NDF:0.0/0

Right Out: 201.593+/-1336.062 χ^2/NDF: 11.6/18

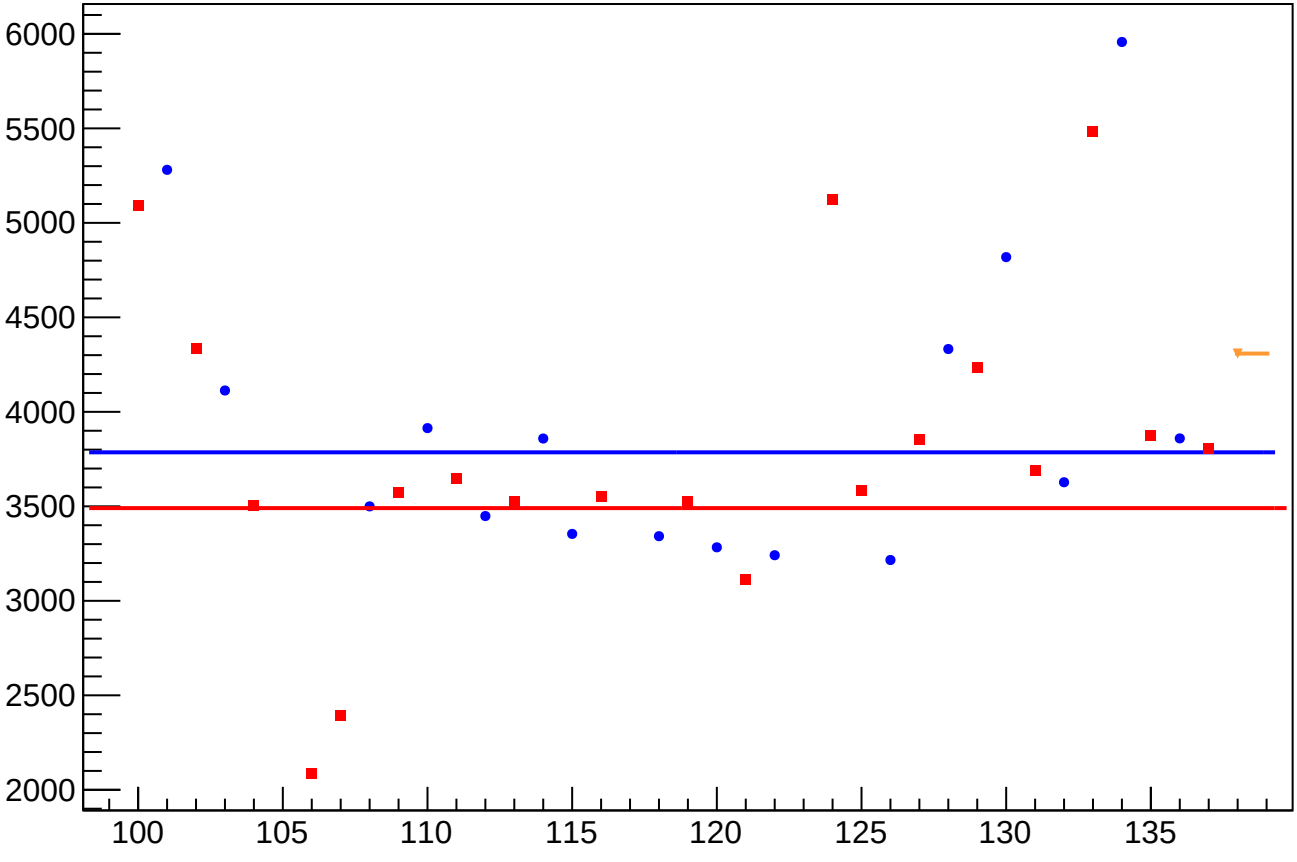
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -765.514+/-1374.563 χ^2/NDF: 19.4/16

All: -268.227+/-958.061 χ^2/NDF: 31.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 3785.774+/-1.012 χ^2/NDF: 382992.9/15

Left Out: 4308.373+/-3.477 χ^2/NDF:0.0/0

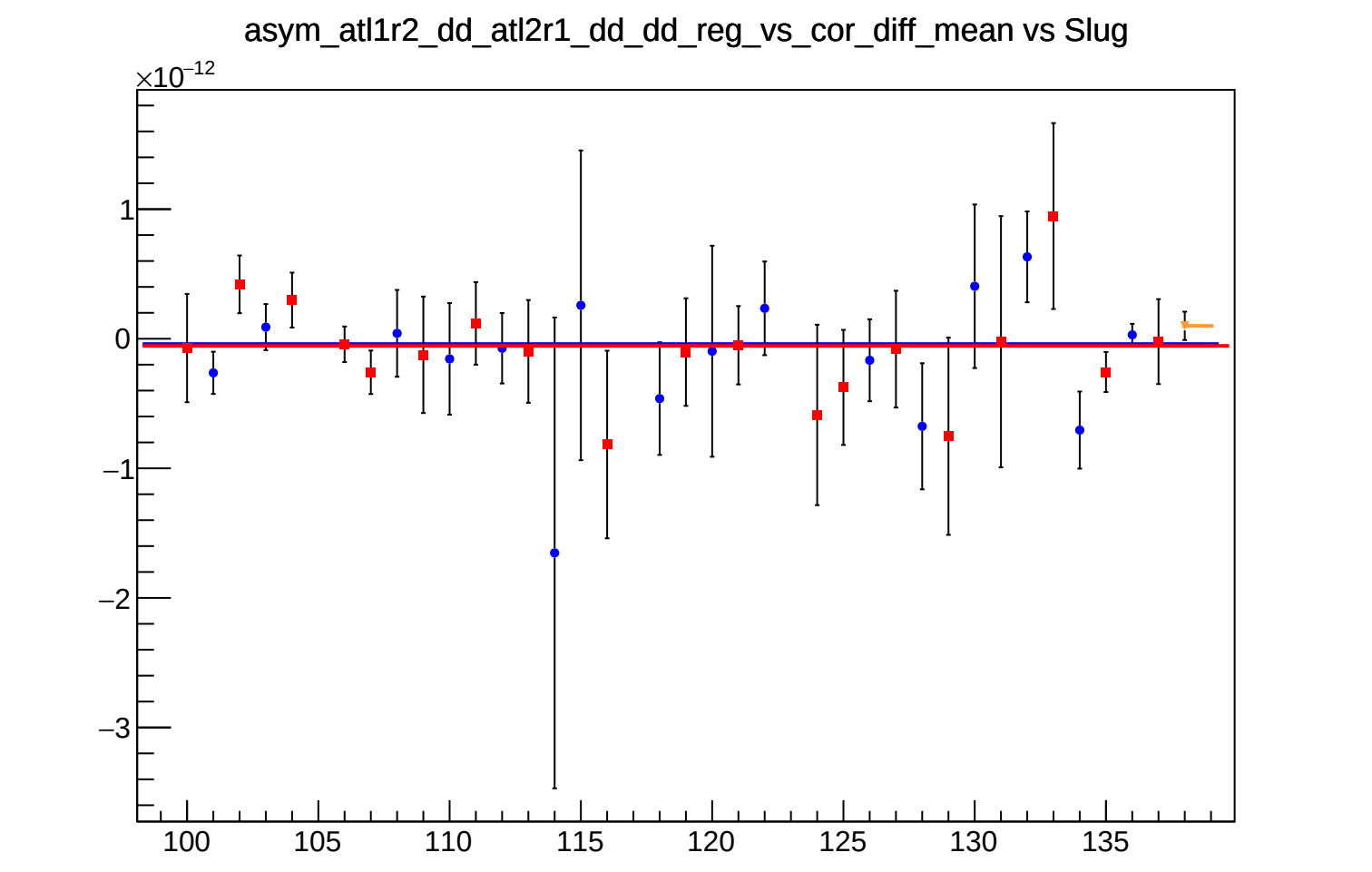
Right Out: 3490.614+/-0.932 χ^2/NDF: 586715.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3826.602+/-0.972 χ^2/NDF: 403814.1/16

All: 3651.535+/-0.673 χ^2/NDF: 1052793.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

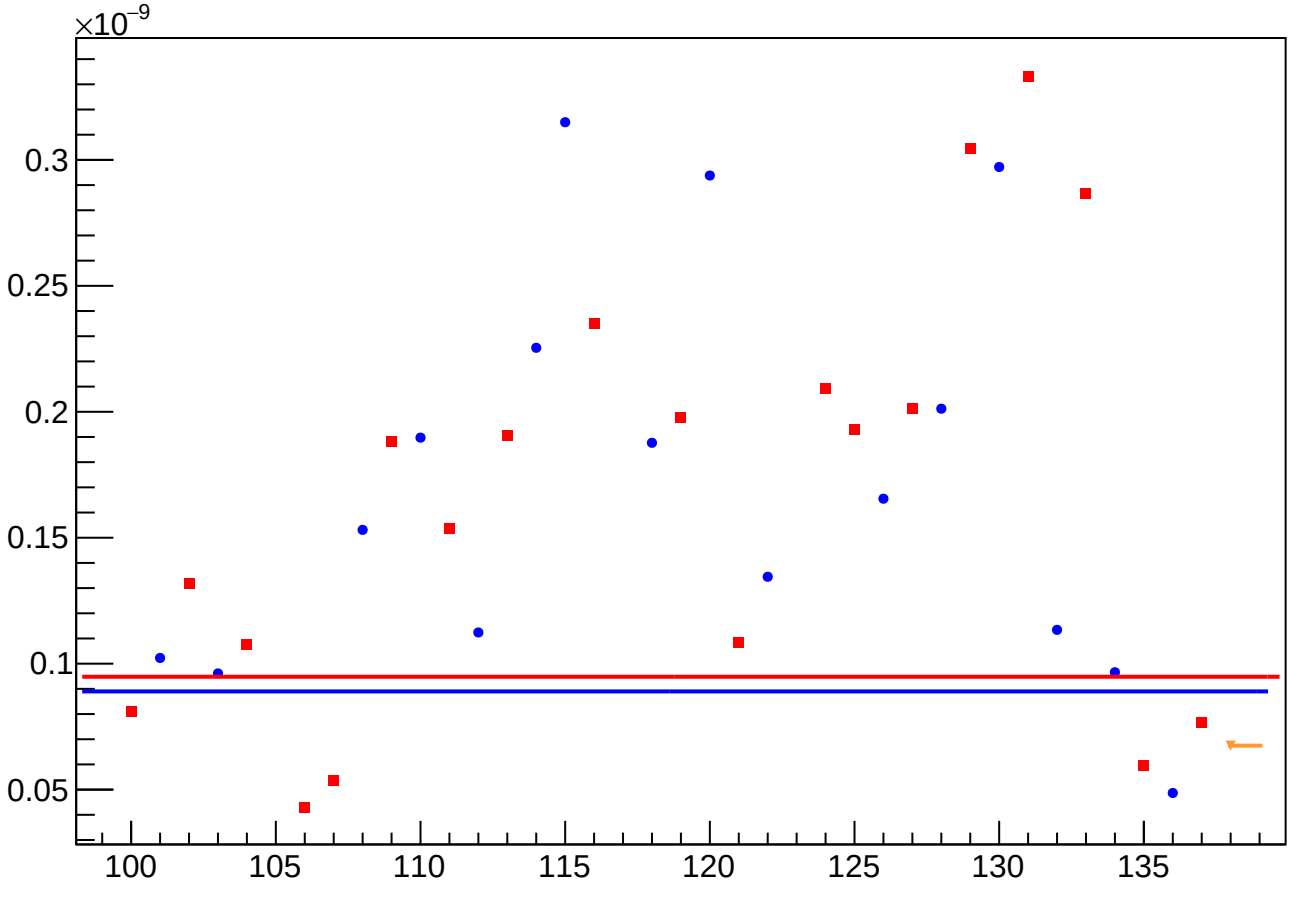
Right Out: -0.000+/-0.000 χ^2/NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.9/16

All: -0.000+/-0.000 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1460718.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

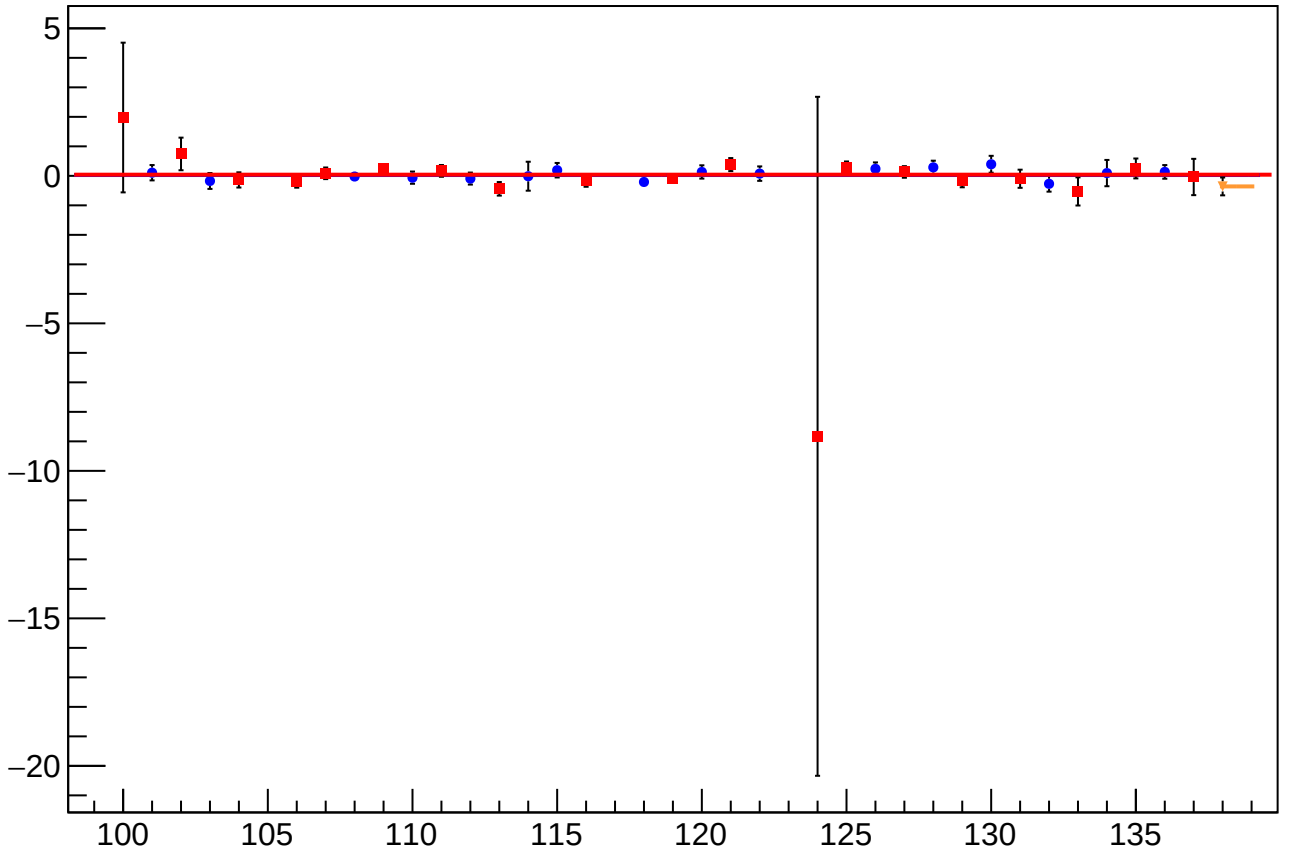
Right Out: 0.000+/-0.000 χ^2/NDF: 1734601.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1520741.4/16

All: 0.000+/-0.000 χ^2/NDF: 3288873.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

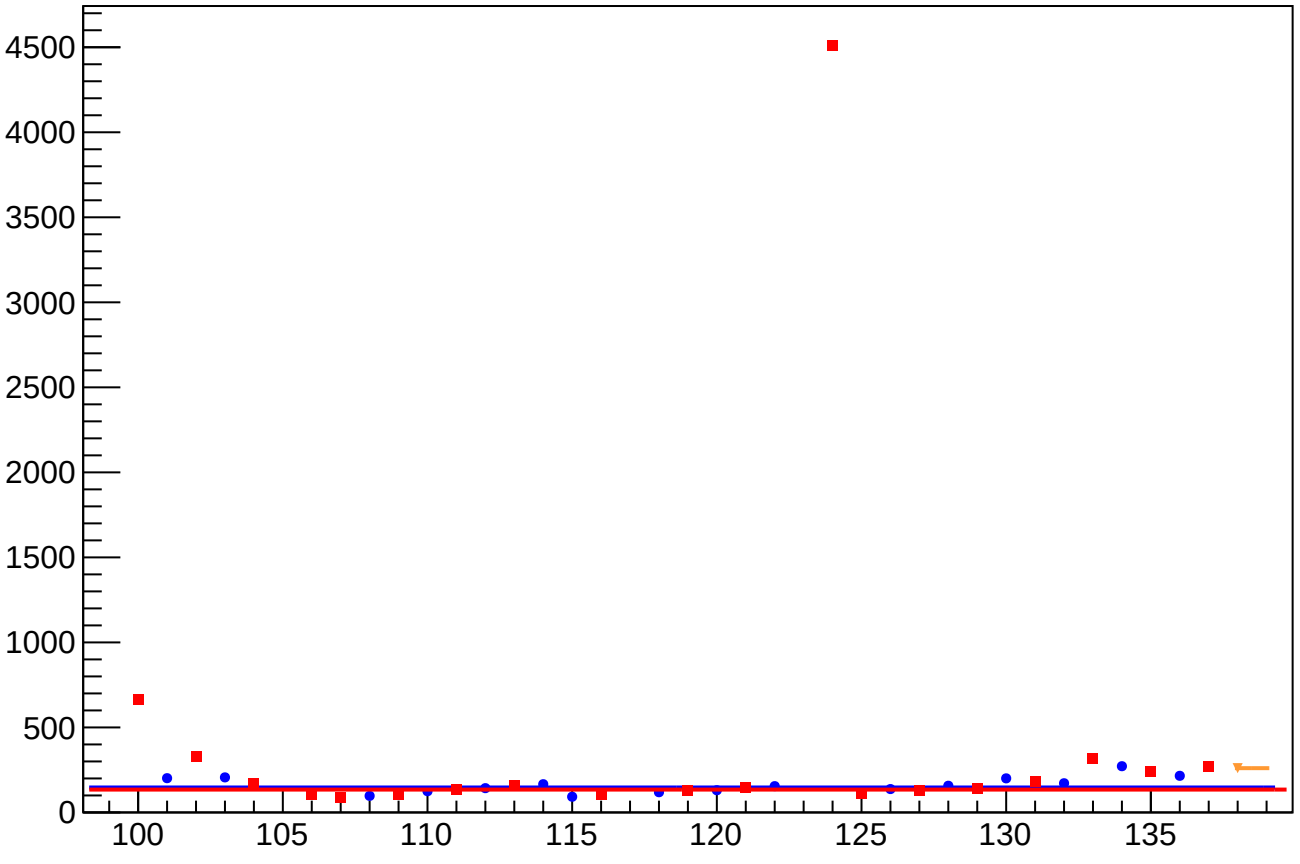
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998704.7/15

Left Out: 260.467+/-0.214 χ^2/NDF:0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF: 1606383.2/18

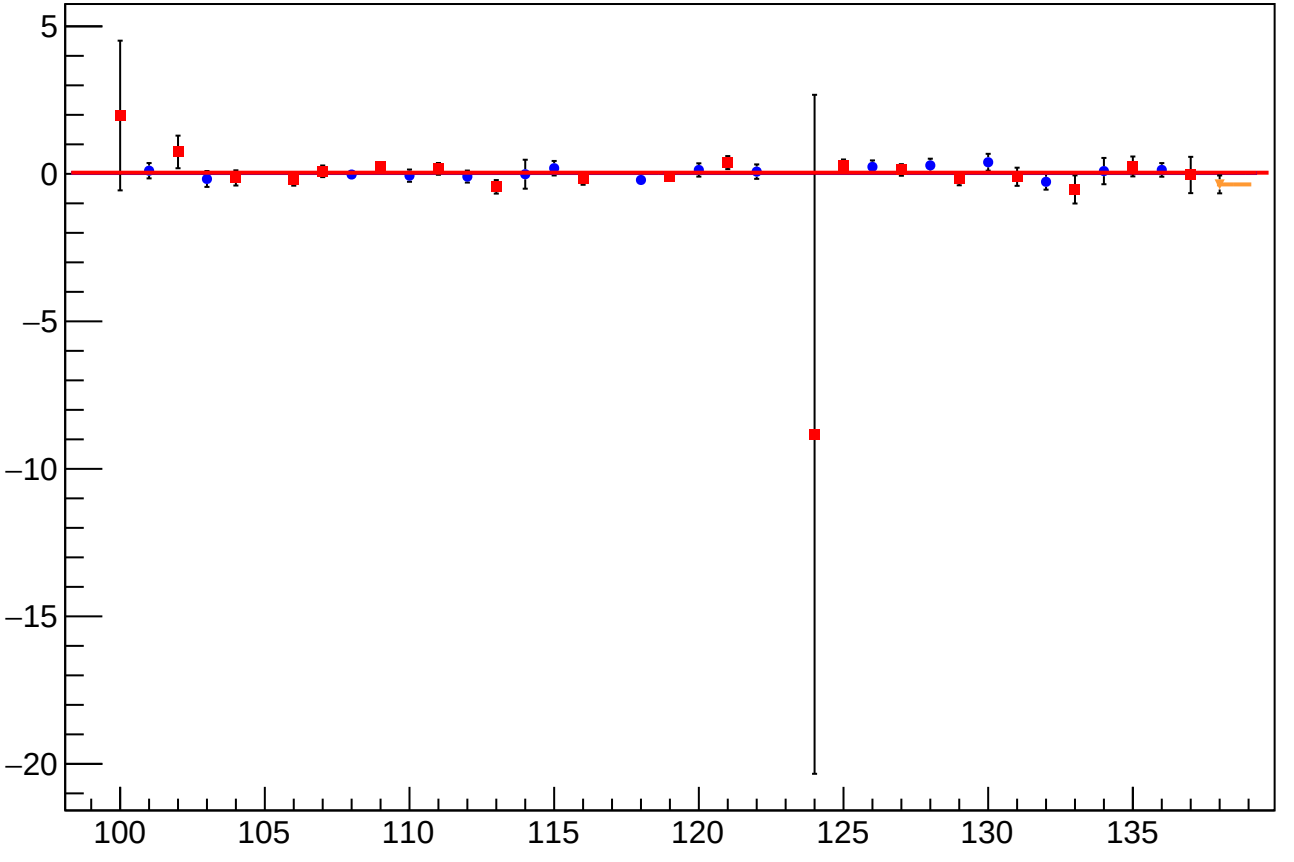
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1271026.4/16

All: 142.383+/-0.028 χ^2/NDF: 2963081.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

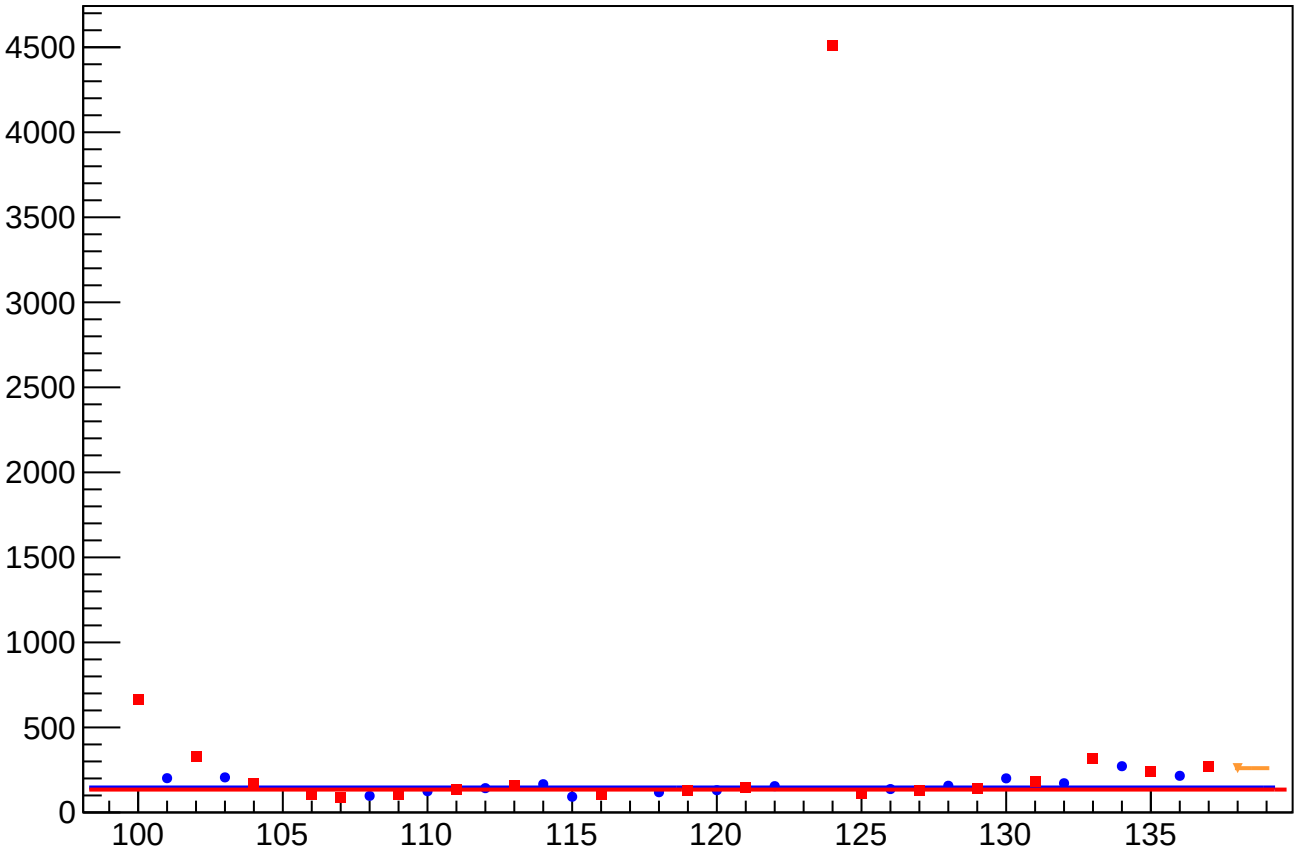
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998704.7/15

Left Out: 260.467+/-0.214 χ^2/NDF:0.0/0

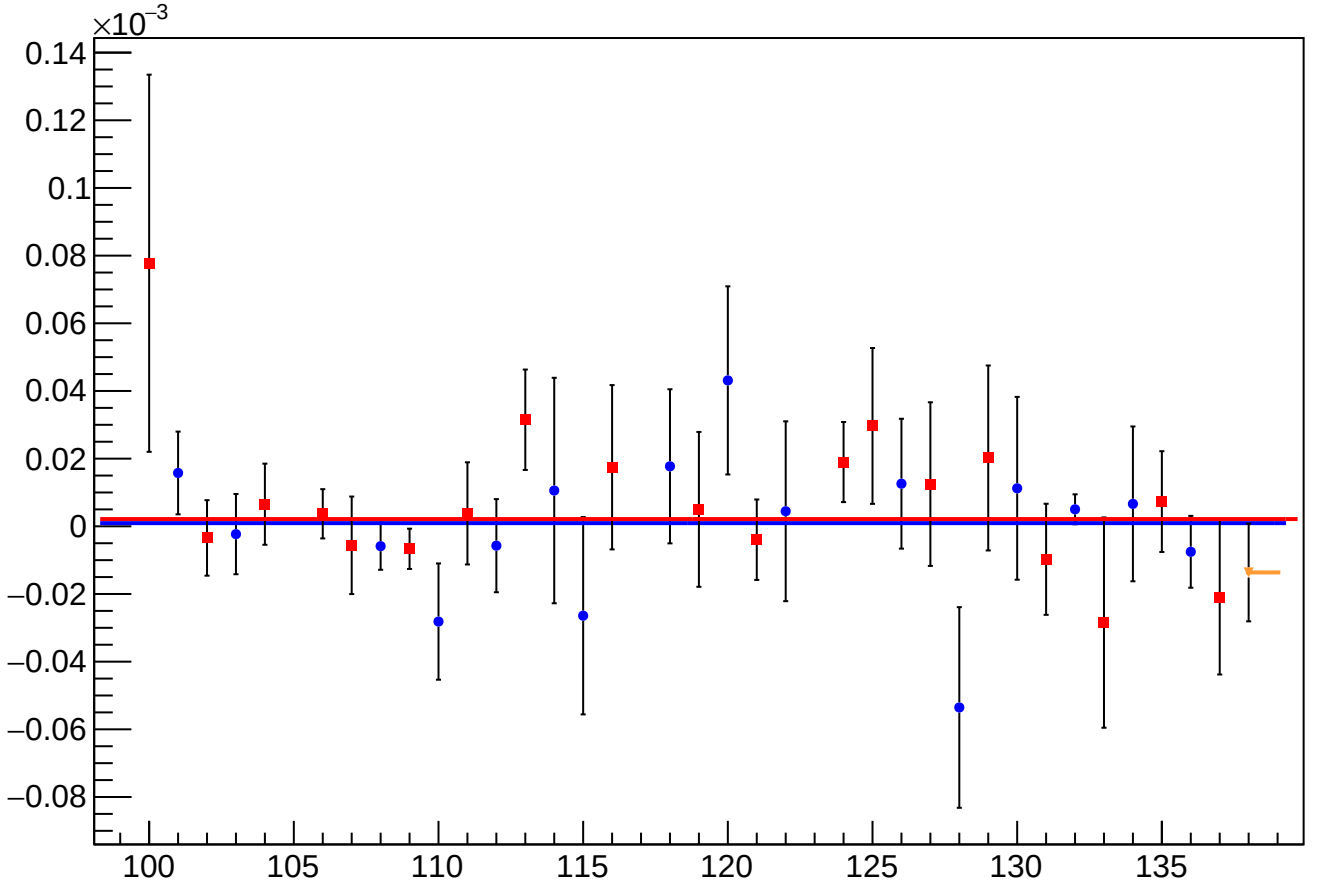
Right Out: 134.505+/-0.039 χ^2/NDF: 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1271026.4/16

All: 142.383+/-0.028 χ^2/NDF: 2963081.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

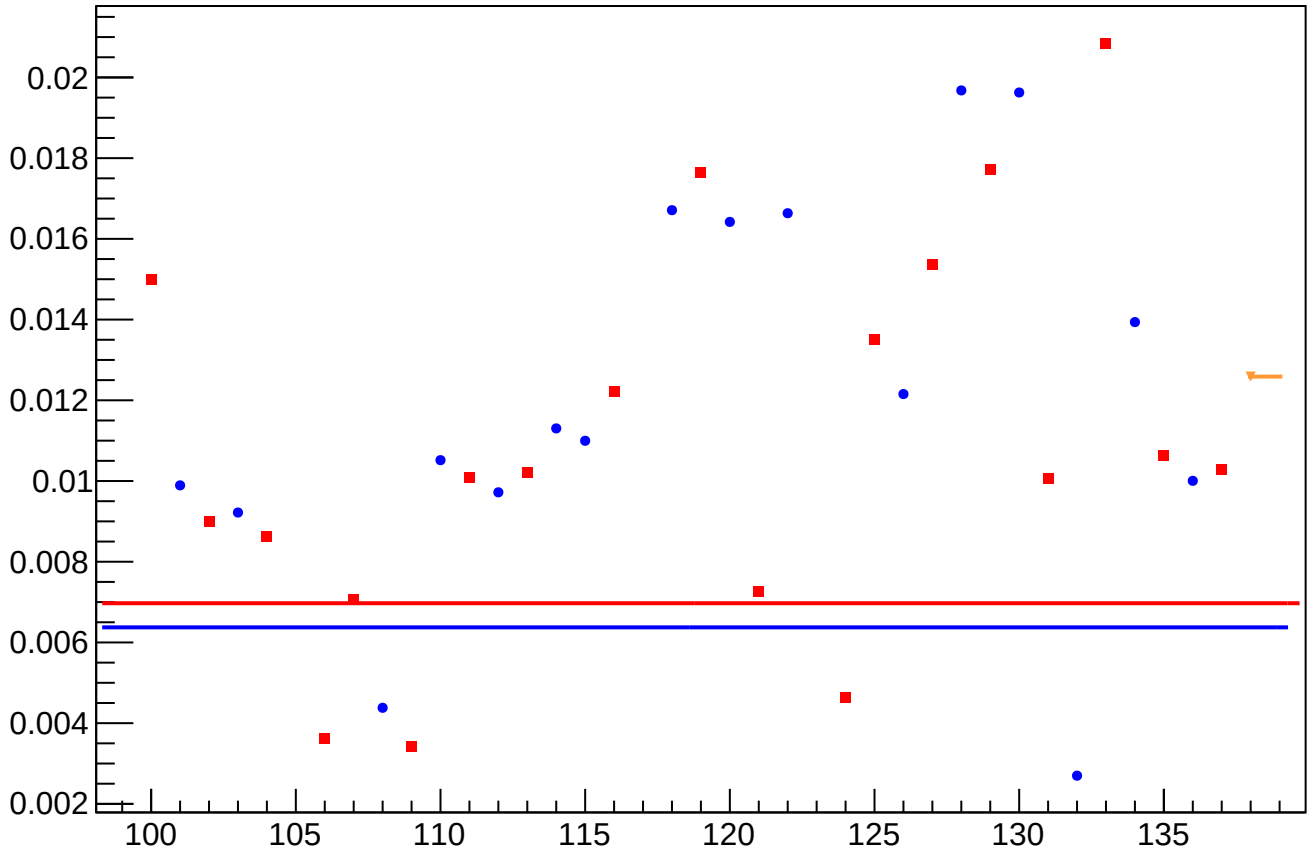
Right Out: 0.000+/-0.000 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.8/16

All: 0.000+/-0.000 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.000 χ^2/NDF: 4639775.7/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF: 3409939.3/18

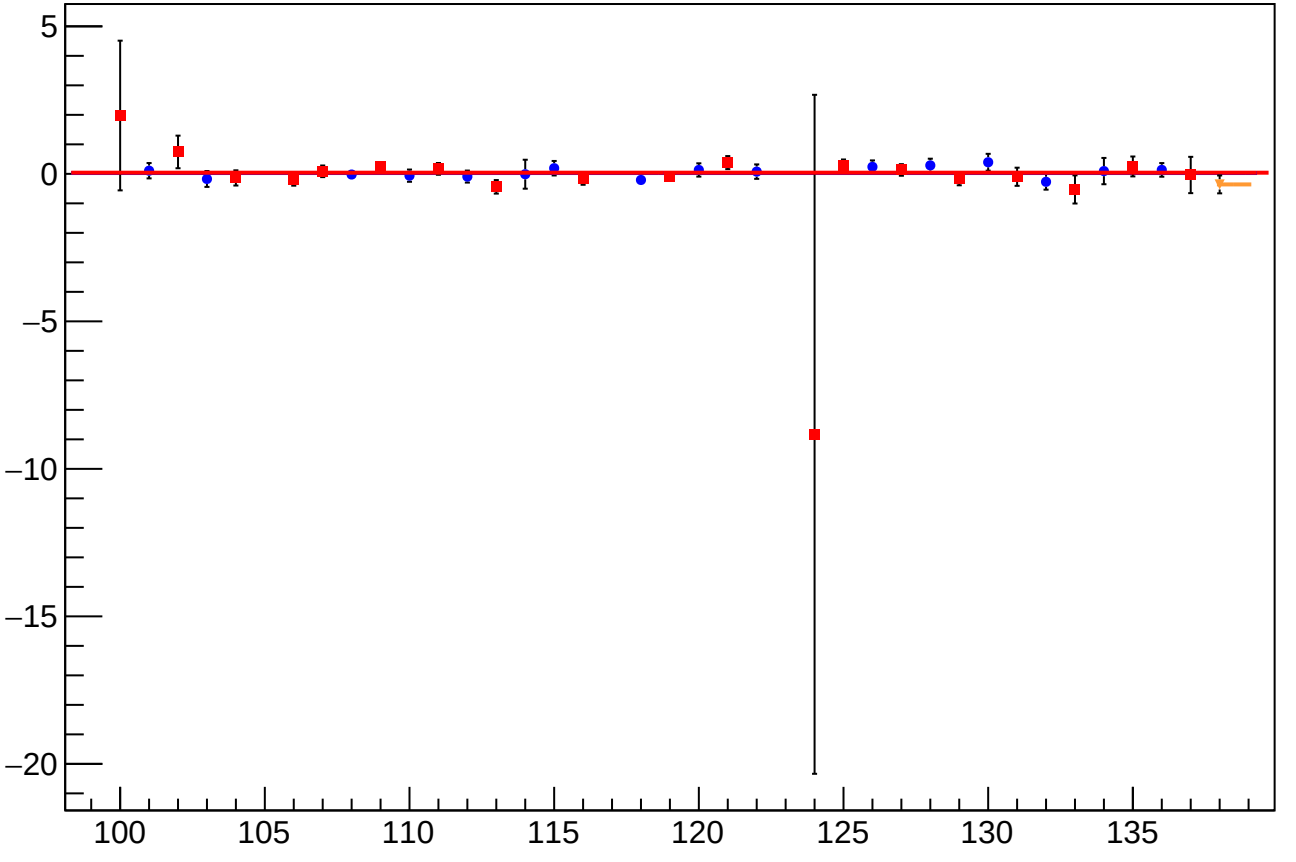
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 4994862.2/16

All: 0.007+/-0.000 χ^2/NDF: 8419167.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

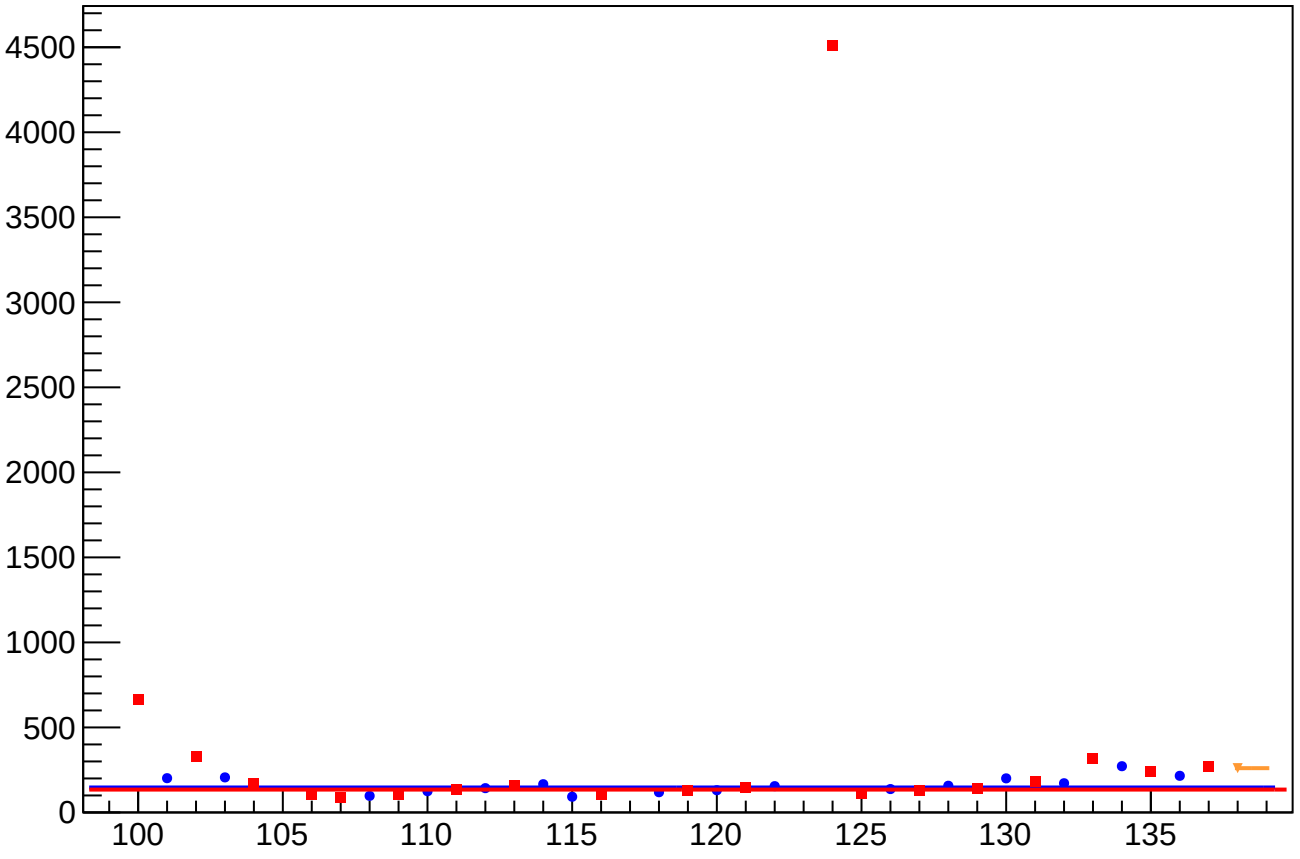
Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146.829+/-0.041 χ^2/NDF: 998646.8/15

Left Out: 260.470+/-0.214 χ^2/NDF:0.0/0

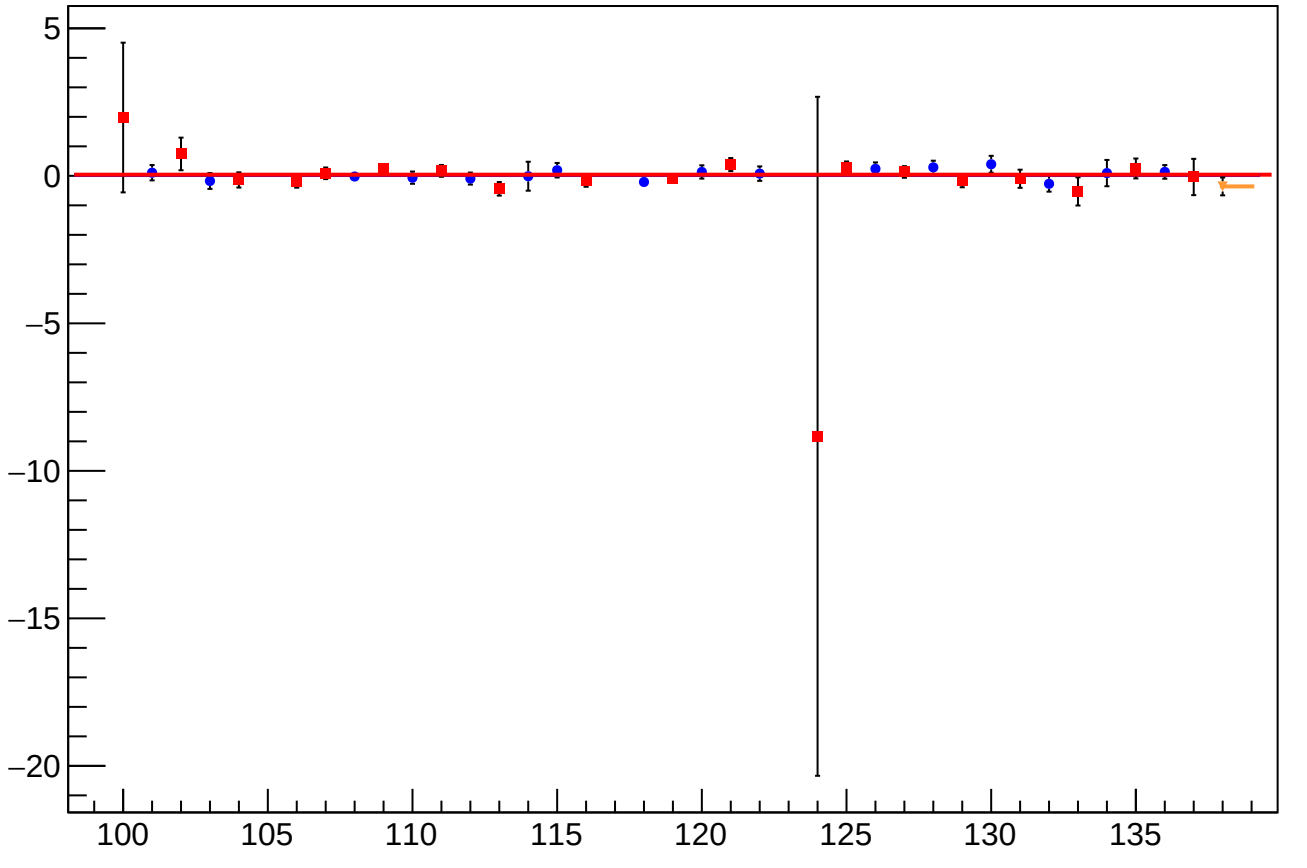
Right Out: 134.506+/-0.039 χ^2/NDF: 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1270979.4/16

All: 142.384+/-0.028 χ^2/NDF: 2962947.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.028+/-0.058 χ^2/NDF: 9.4/15

Left Out: -0.358+/-0.303 χ^2/NDF:0.0/0

Right Out: 0.039+/-0.055 χ^2/NDF: 20.0/18

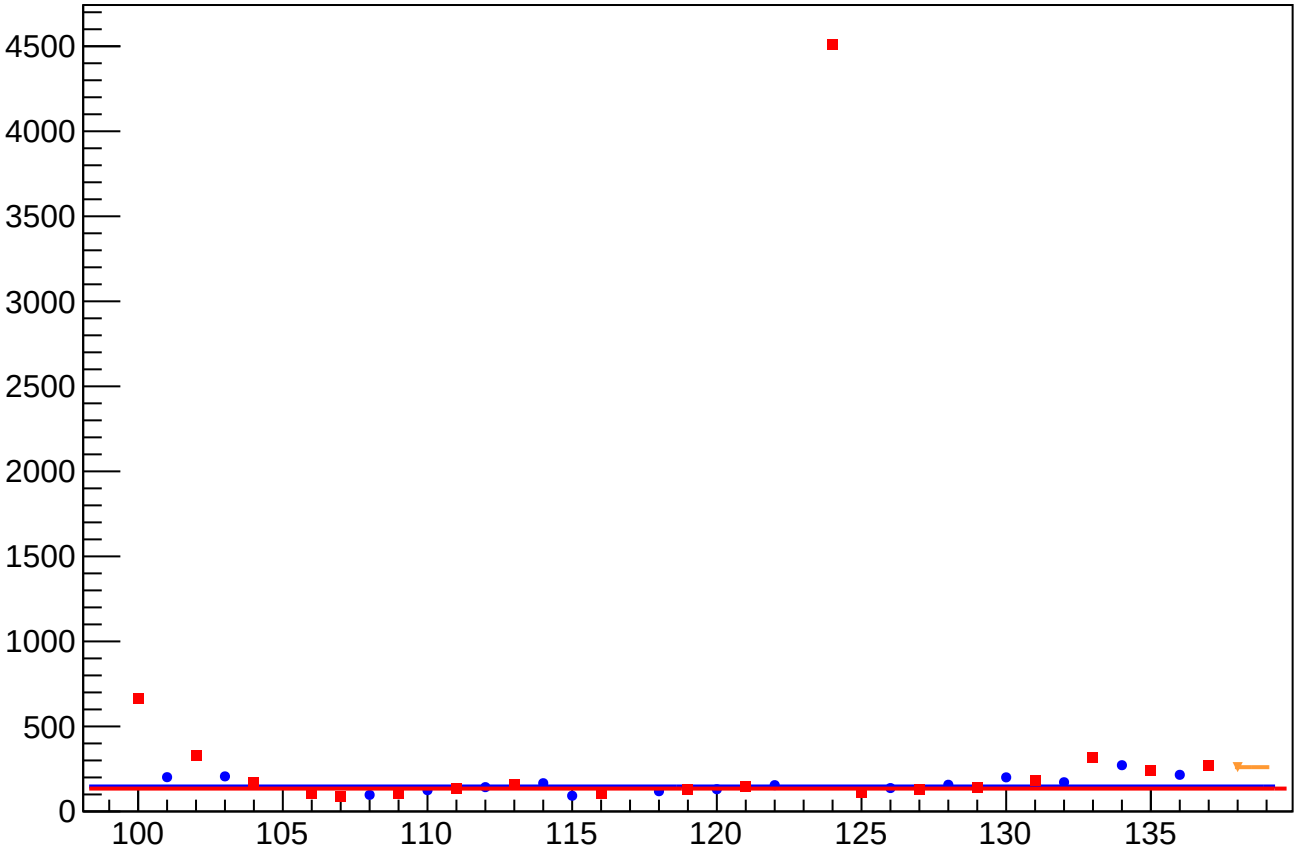
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.057 χ^2/NDF: 11.0/16

All: 0.027+/-0.039 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 146.829+/-0.041 χ^2/NDF: 998646.8/15

Left Out: 260.470+/-0.214 χ^2/NDF:0.0/0

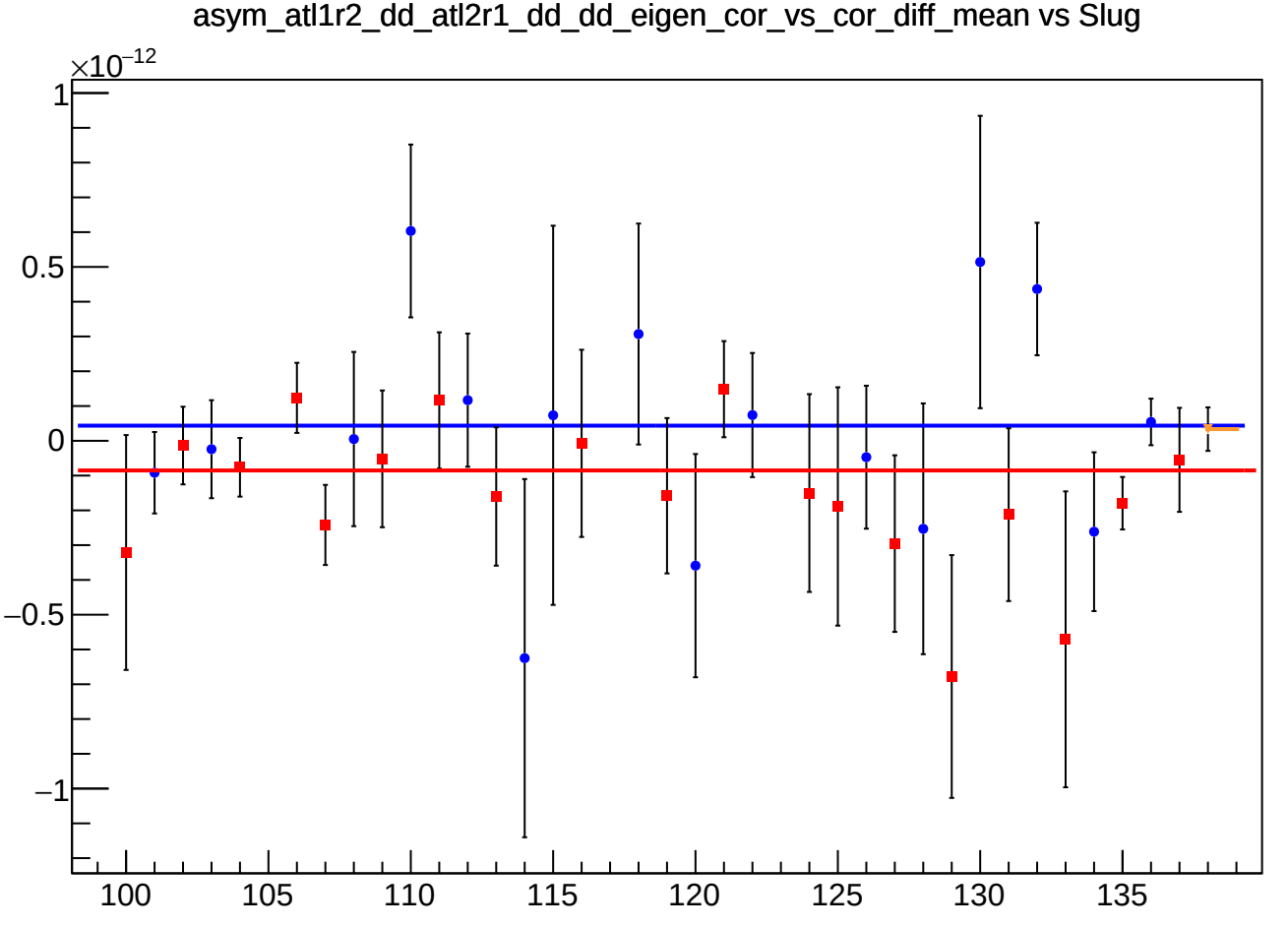
Right Out: 134.506+/-0.039 χ^2/NDF: 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150.819+/-0.040 χ^2/NDF: 1270979.4/16

All: 142.384+/-0.028 χ^2/NDF: 2962947.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

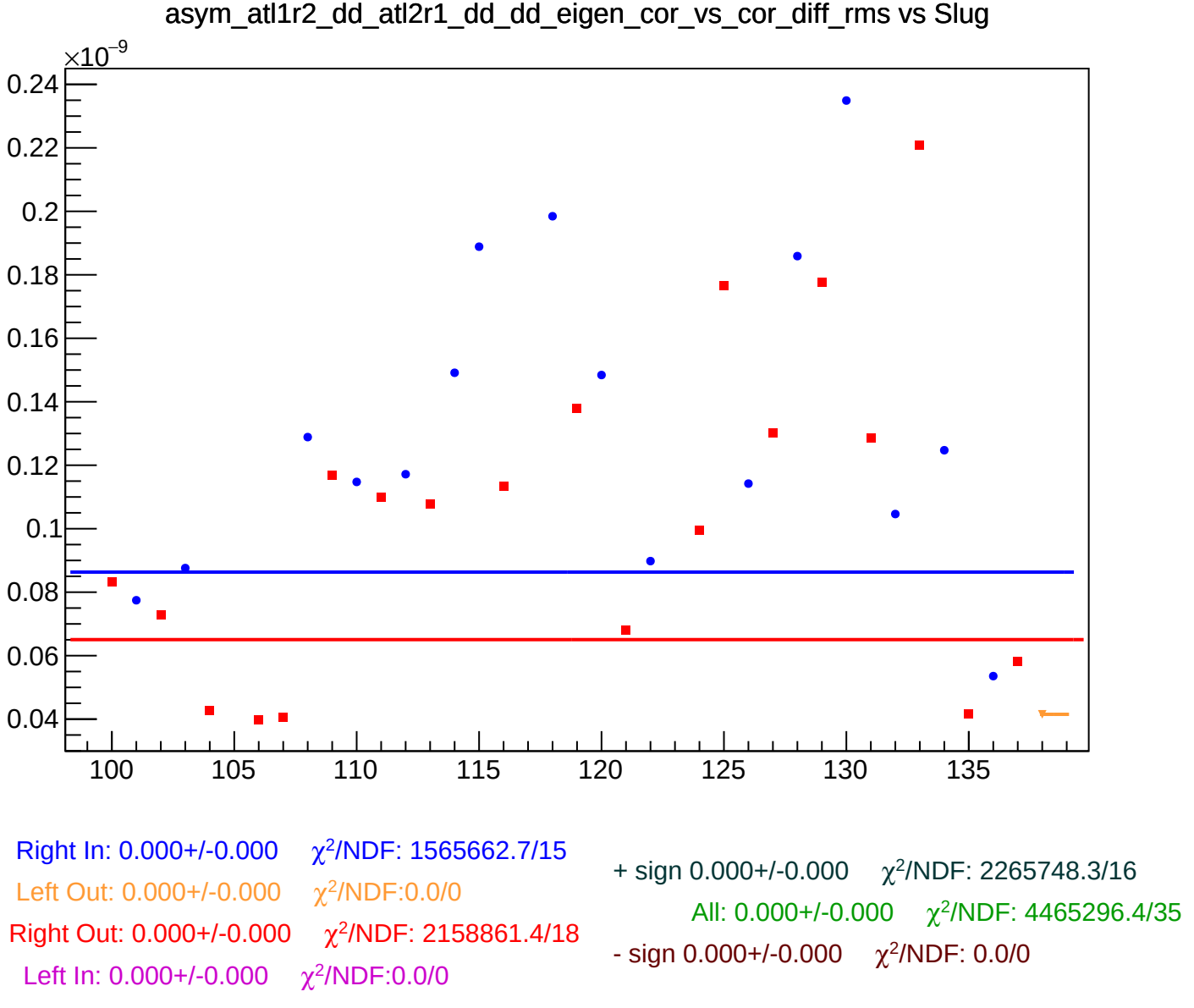
Right Out: -0.000+/-0.000 χ^2/NDF: 18.2/18

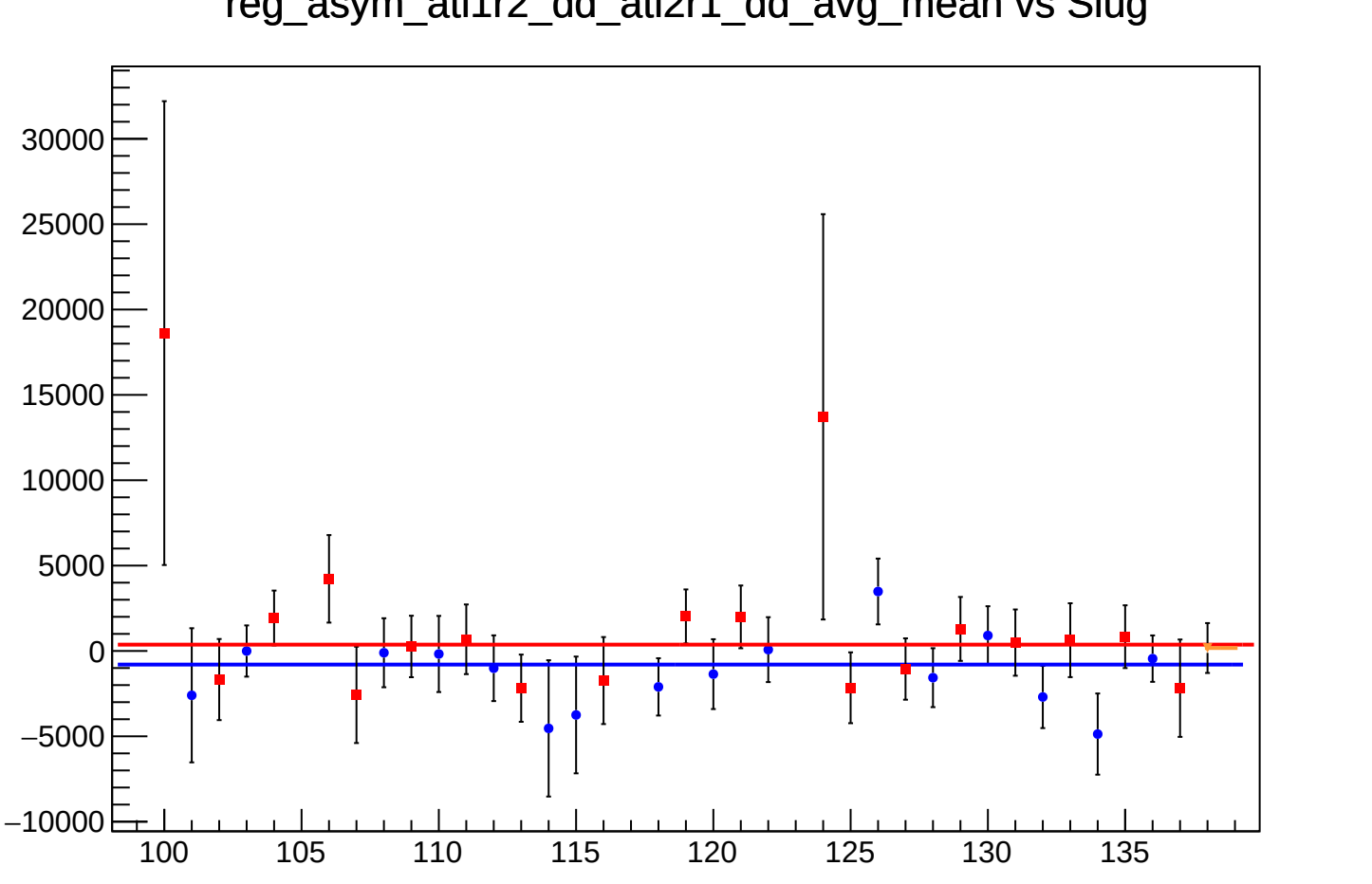
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 19.0/16

All: -0.000+/-0.000 χ^2/NDF: 43.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1565662.7/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2158861.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2265748.3/16
All: 0.000+/-0.000 χ²/NDF: 4465296.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -797.285+/-487.453 χ^2/NDF: 13.4/15

Left Out: 171.145+/-1460.797 χ^2/NDF:0.0/0

Right Out: 370.010+/-485.826 χ^2/NDF: 15.6/18

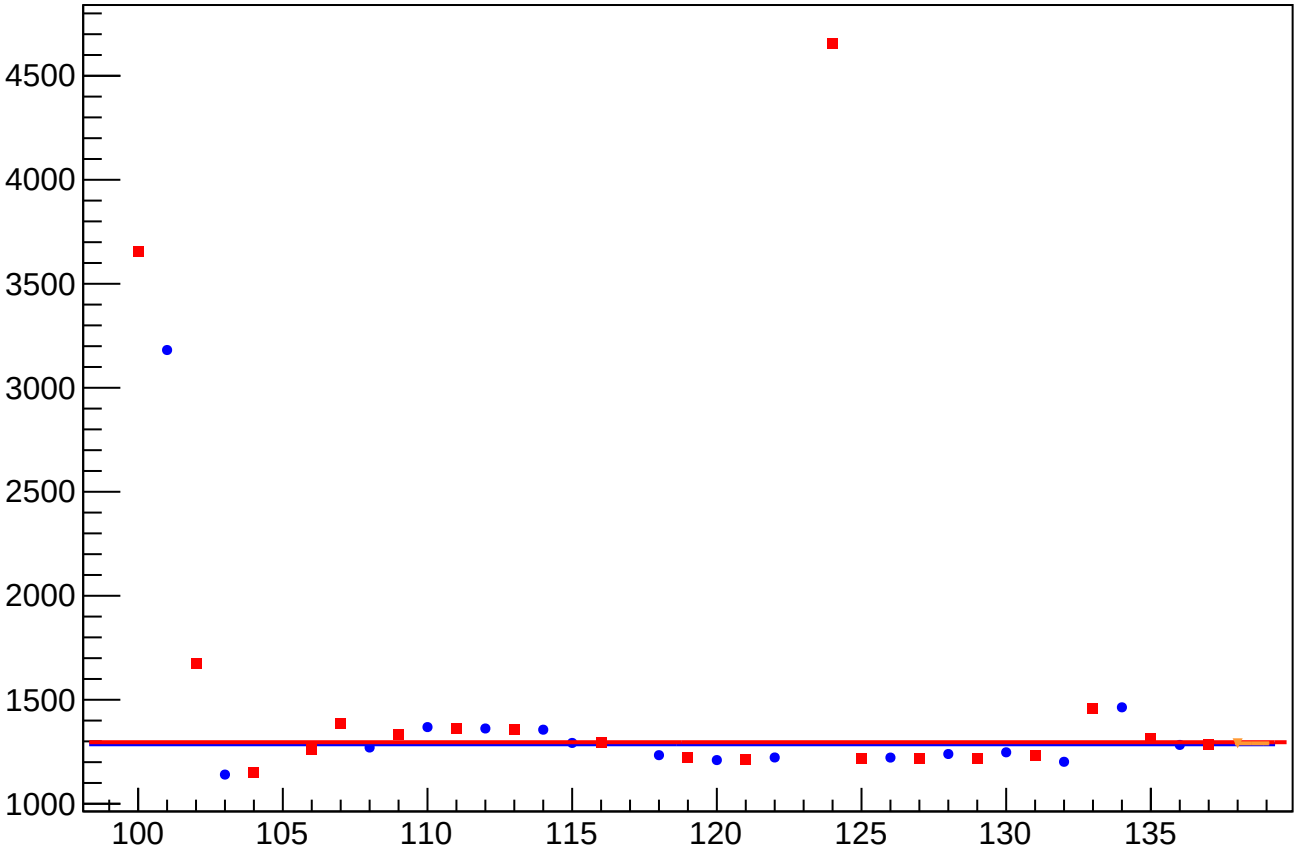
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -700.255+/-462.389 χ^2/NDF: 13.8/16

All: -191.559+/-334.938 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1286.097+/-0.345 χ^2/NDF: 518126.9/15

Left Out: 1290.464+/-1.033 χ^2/NDF:0.0/0

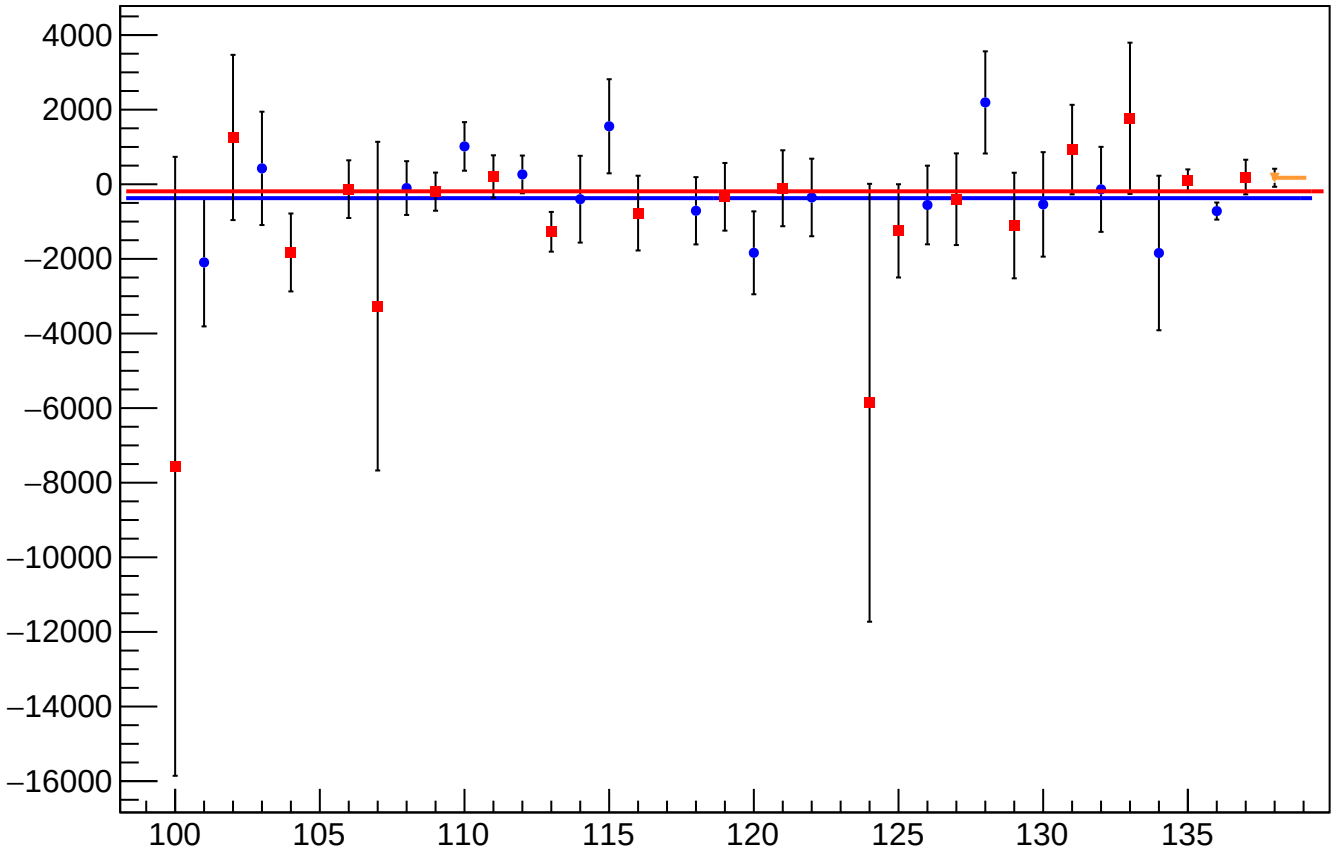
Right Out: 1295.943+/-0.344 χ^2/NDF: 328069.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1286.535+/-0.327 χ^2/NDF: 518143.0/16

All: 1291.006+/-0.237 χ^2/NDF: 846606.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -372.325+/-168.204 χ^2/NDF: 18.2/15

Left Out: 174.330+/-241.502 χ^2/NDF:0.0/0

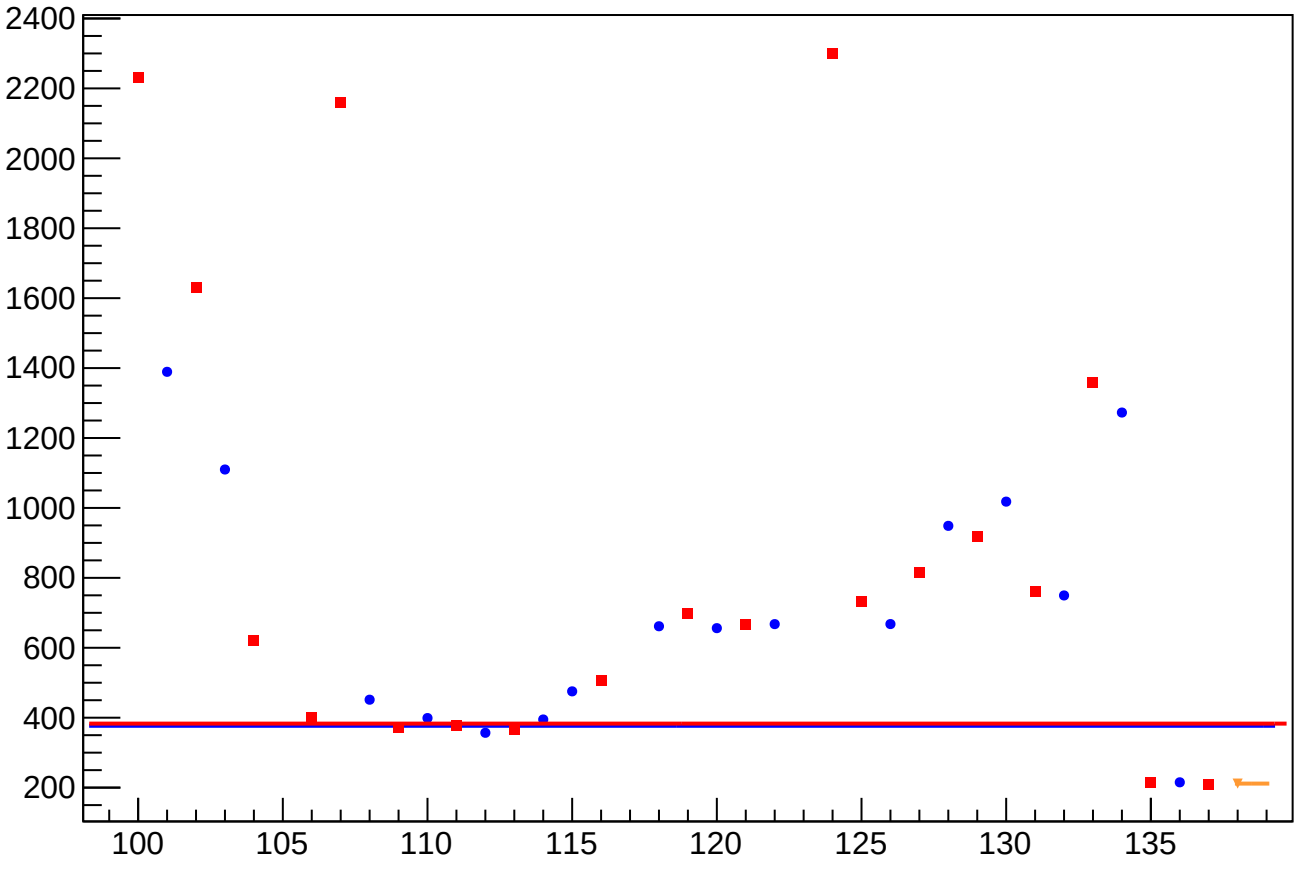
Right Out: -188.945+/-169.575 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -193.764+/-138.025 χ^2/NDF: 21.6/16

All: -191.843+/-107.047 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 376.893+/-0.119 χ^2/NDF: 4190194.7/15

Left Out: 211.514+/-0.171 χ^2/NDF:0.0/0

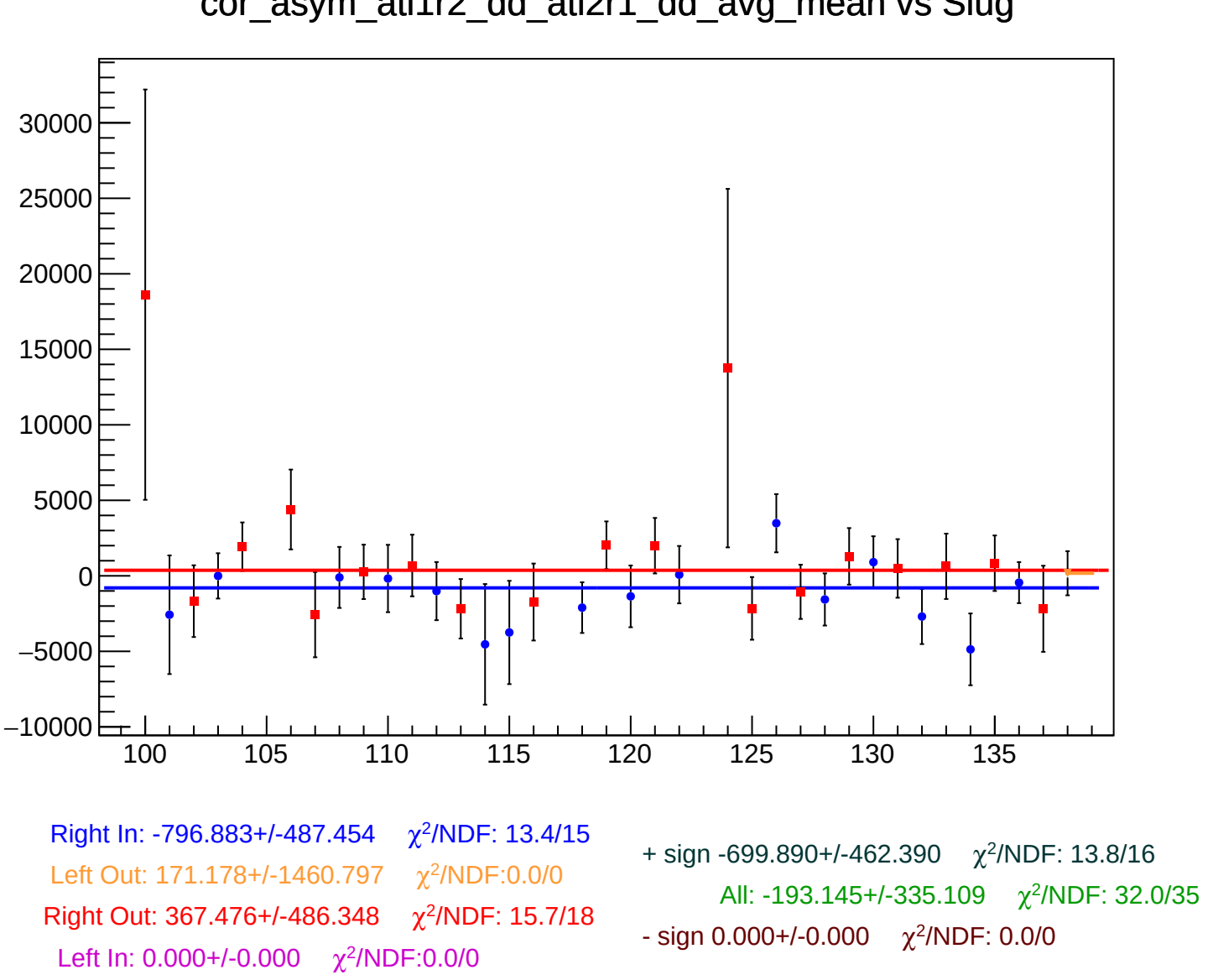
Right Out: 383.074+/-0.120 χ^2/NDF: 4054121.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

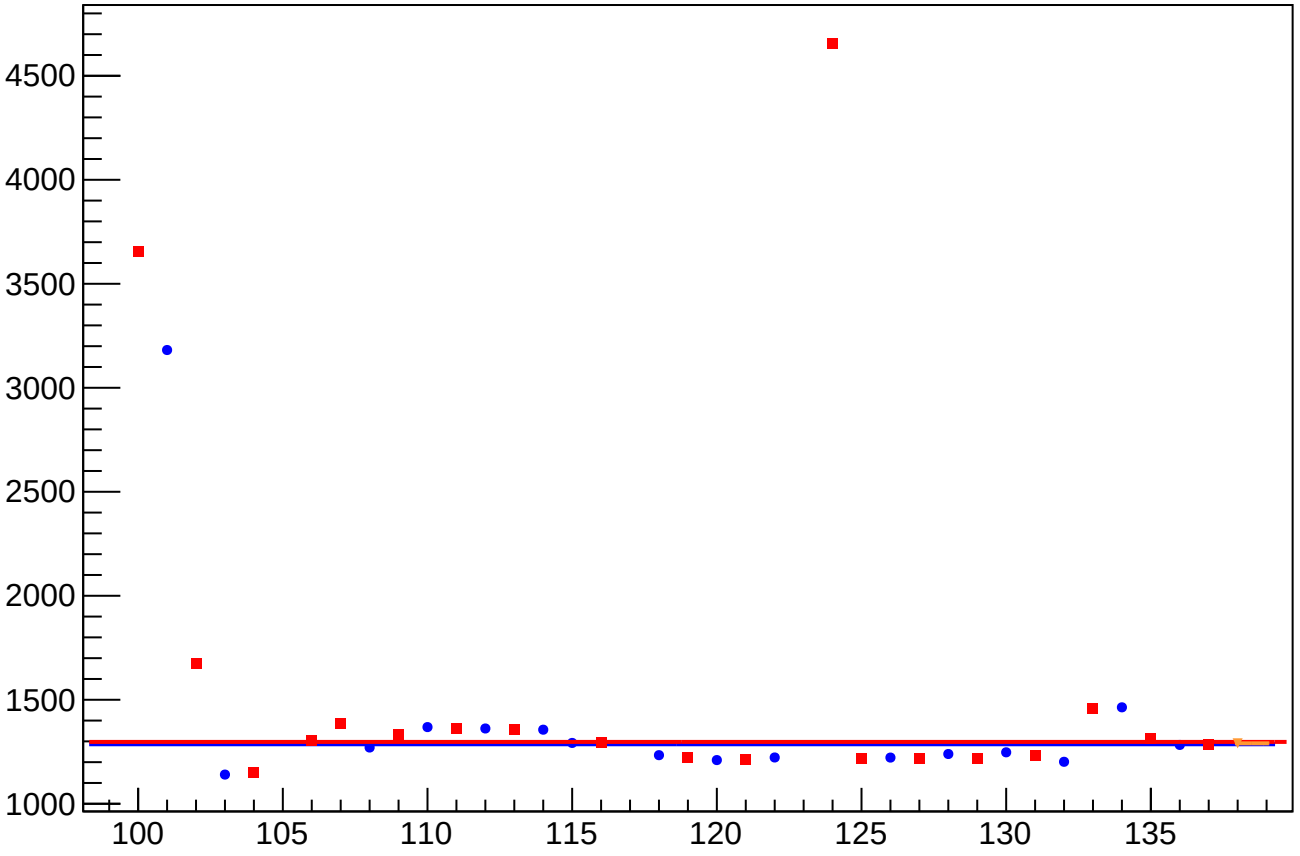
+ sign 322.873+/-0.098 χ^2/NDF: 4821718.6/16

All: 346.863+/-0.076 χ^2/NDF: 9027457.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug
30000
25000
20000
15000
10000
5000
0
−5000
−10000
100
105
110
115
120
125
130
135
Right In: -796.883+/-487.454 χ²/NDF: 13.4/15
Left Out: 171.178+/-1460.797 χ²/NDF:0.0/0
Right Out: 367.476+/-486.348 χ²/NDF: 15.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -699.890+/-462.390 χ²/NDF: 13.8/16
All: -193.145+/-335.109 χ²/NDF: 32.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1286.097+/-0.345 χ^2/NDF: 518128.4/15

Left Out: 1290.464+/-1.033 χ^2/NDF:0.0/0

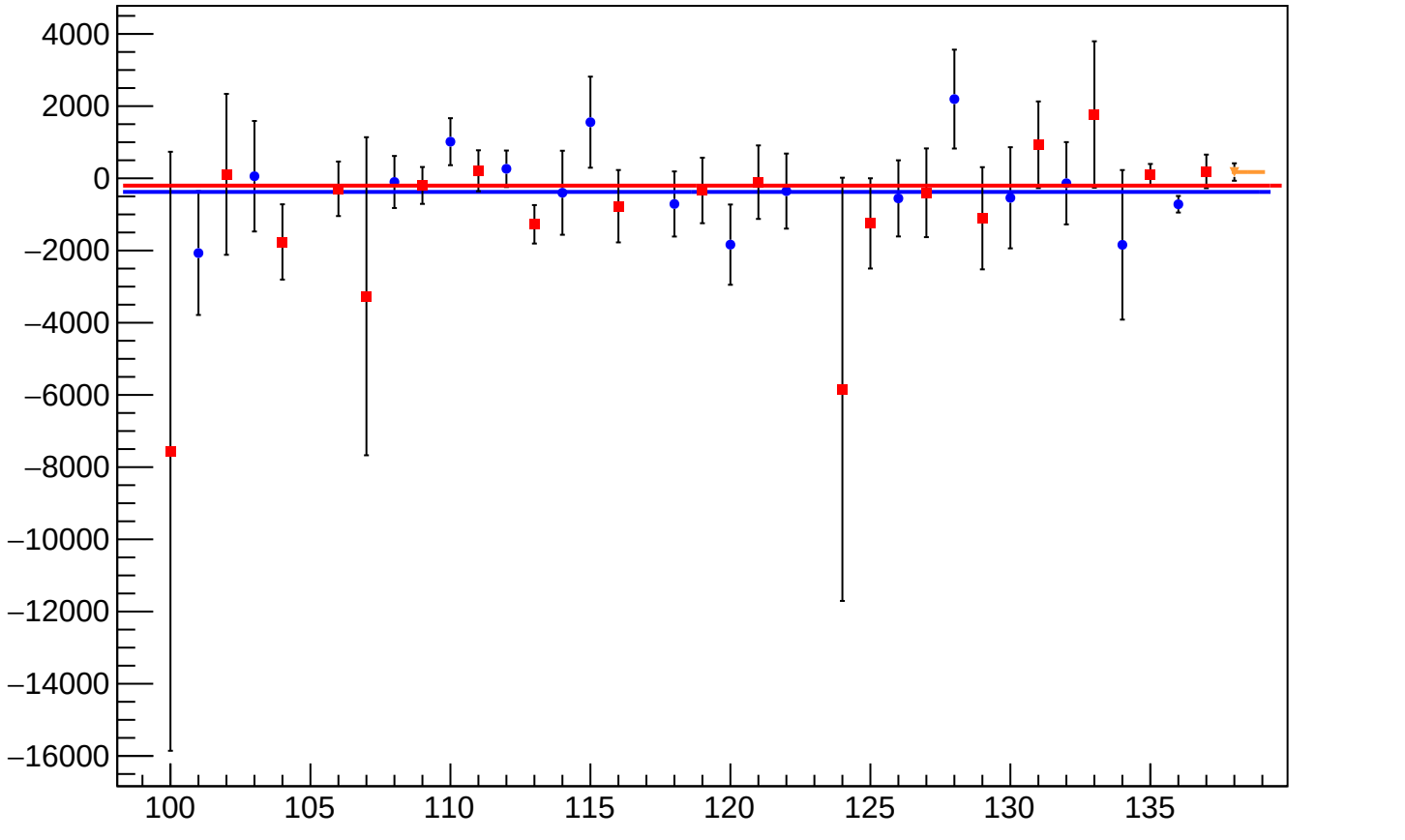
Right Out: 1297.394+/-0.344 χ^2/NDF: 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1286.534+/-0.327 χ^2/NDF: 518144.5/16

All: 1291.690+/-0.237 χ^2/NDF: 846409.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -376.771+/-168.223 χ^2/NDF: 17.9/15

Left Out: 174.455+/-241.508 χ^2/NDF:0.0/0

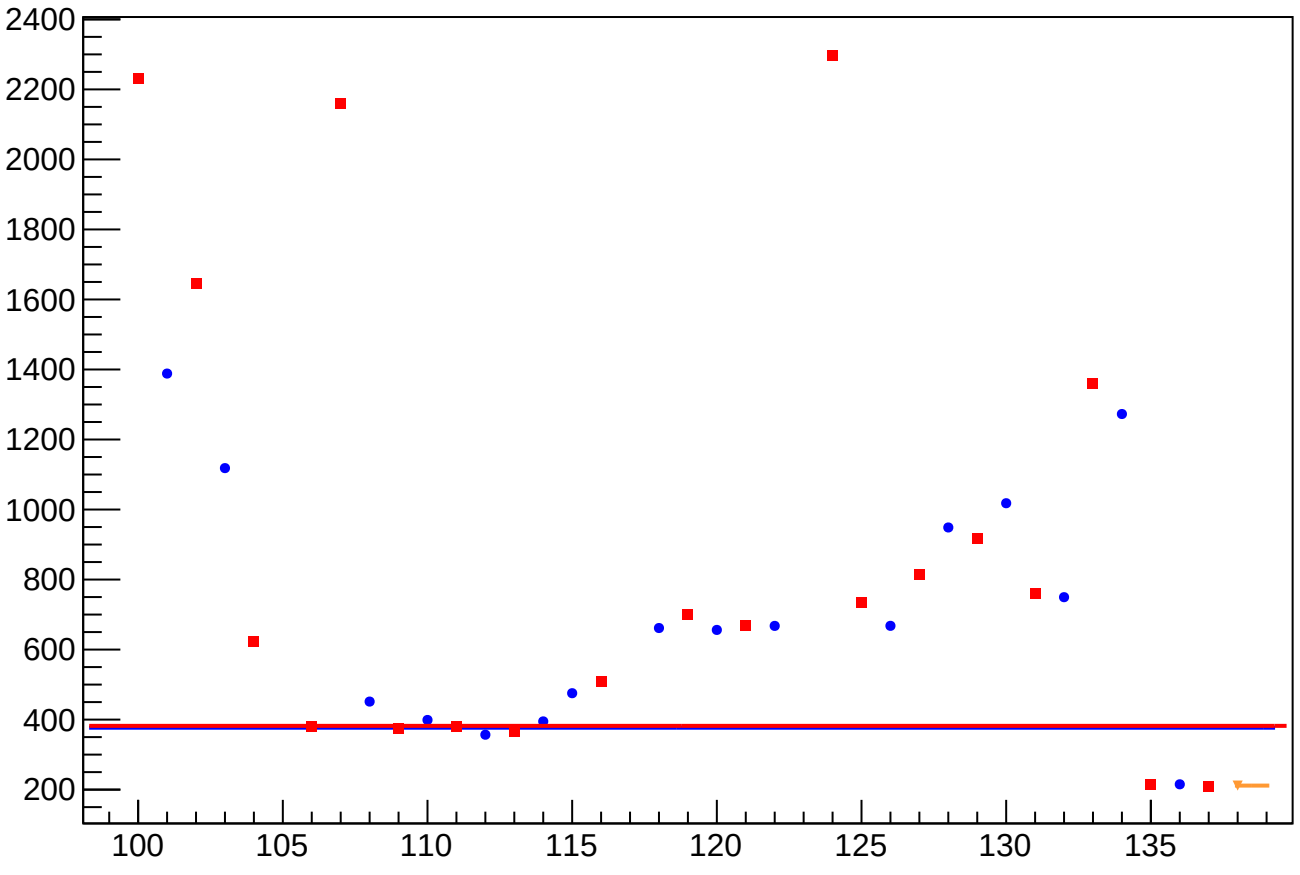
Right Out: -202.144+/-169.377 χ^2/NDF: 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -196.694+/-138.037 χ^2/NDF: 21.4/16

All: -198.869+/-107.003 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 376.884+/-0.119 χ^2/NDF: 4193328.0/15

Left Out: 211.521+/-0.171 χ^2/NDF:0.0/0

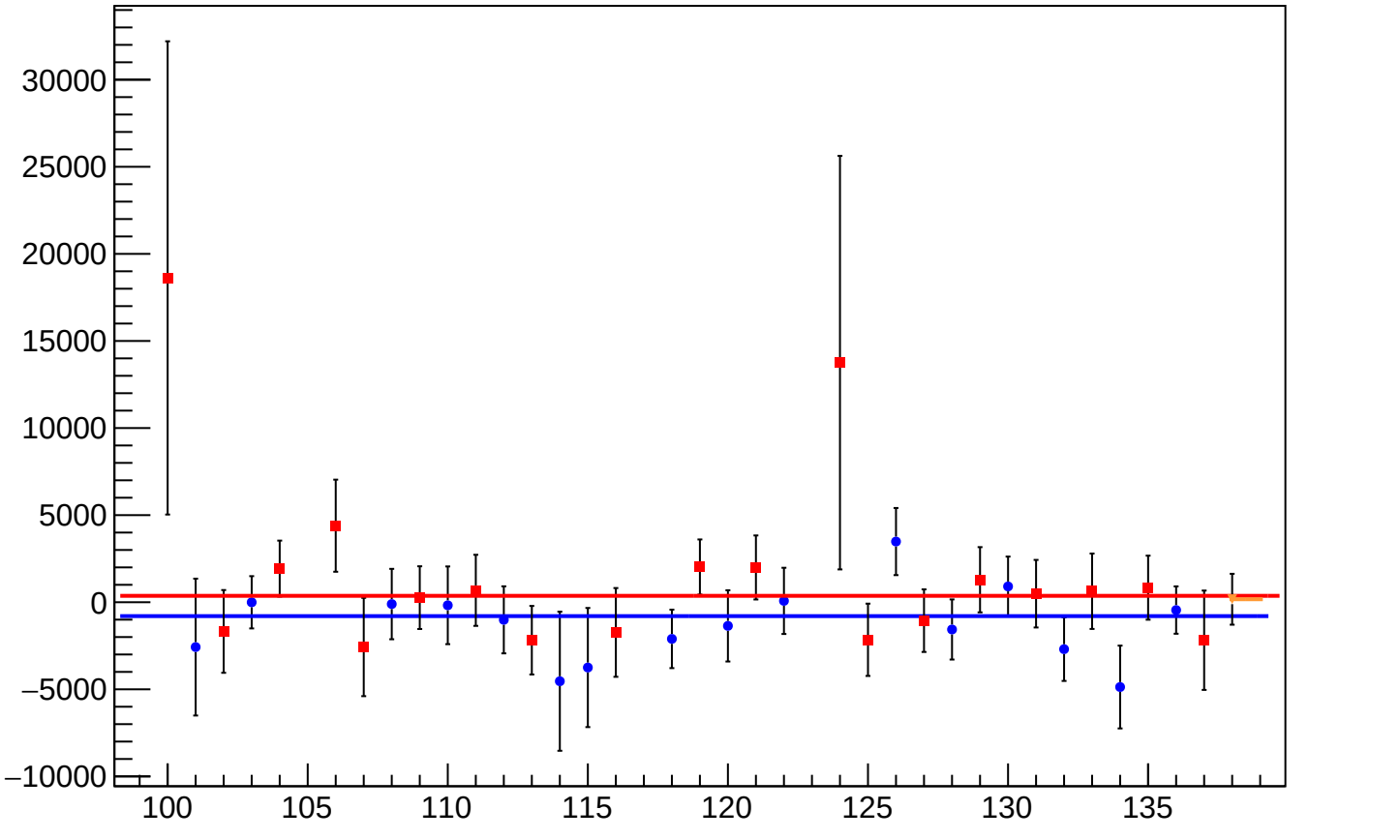
Right Out: 382.136+/-0.120 χ^2/NDF: 4059600.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.862+/-0.098 χ^2/NDF: 4824670.4/16

All: 346.518+/-0.076 χ^2/NDF: 9031450.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -796.883+/-487.454 χ^2/NDF: 13.4/15

Left Out: 171.178+/-1460.797 χ^2/NDF:0.0/0

Right Out: 367.476+/-486.348 χ^2/NDF: 15.7/18

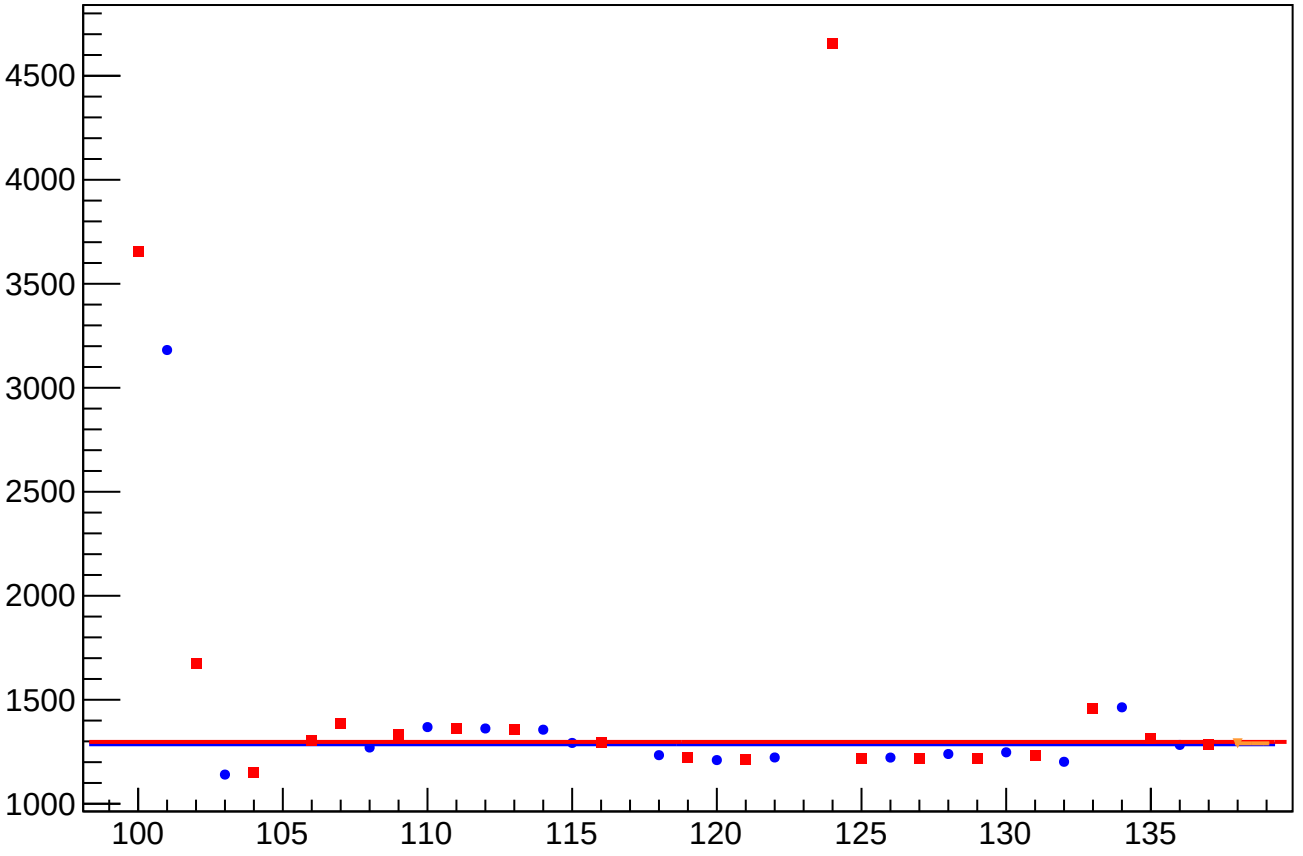
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -699.890+/-462.390 χ^2/NDF: 13.8/16

All: -193.145+/-335.109 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1286.097+/-0.345 χ^2/NDF: 518128.4/15

Left Out: 1290.464+/-1.033 χ^2/NDF:0.0/0

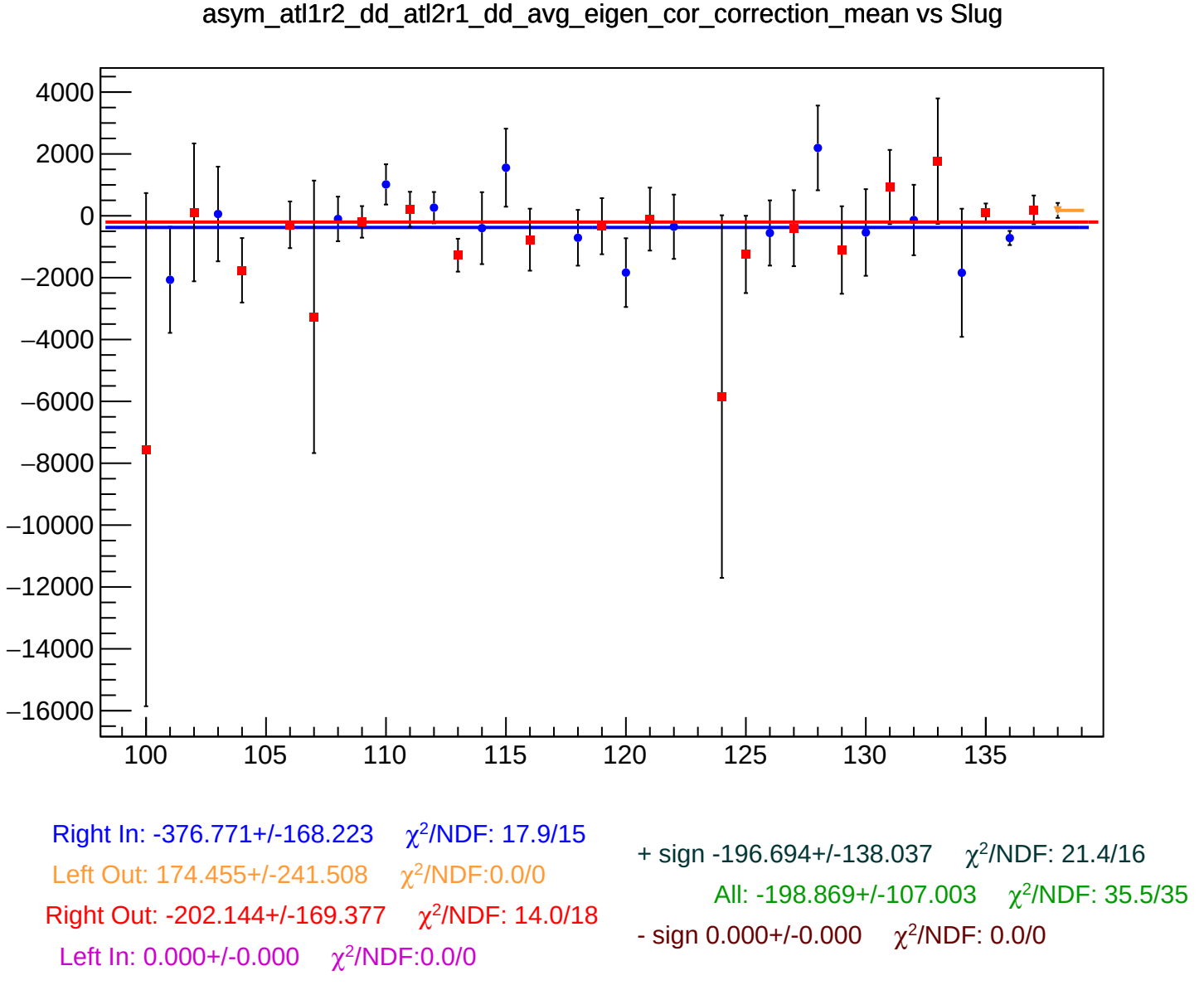
Right Out: 1297.394+/-0.344 χ^2/NDF: 327741.7/18

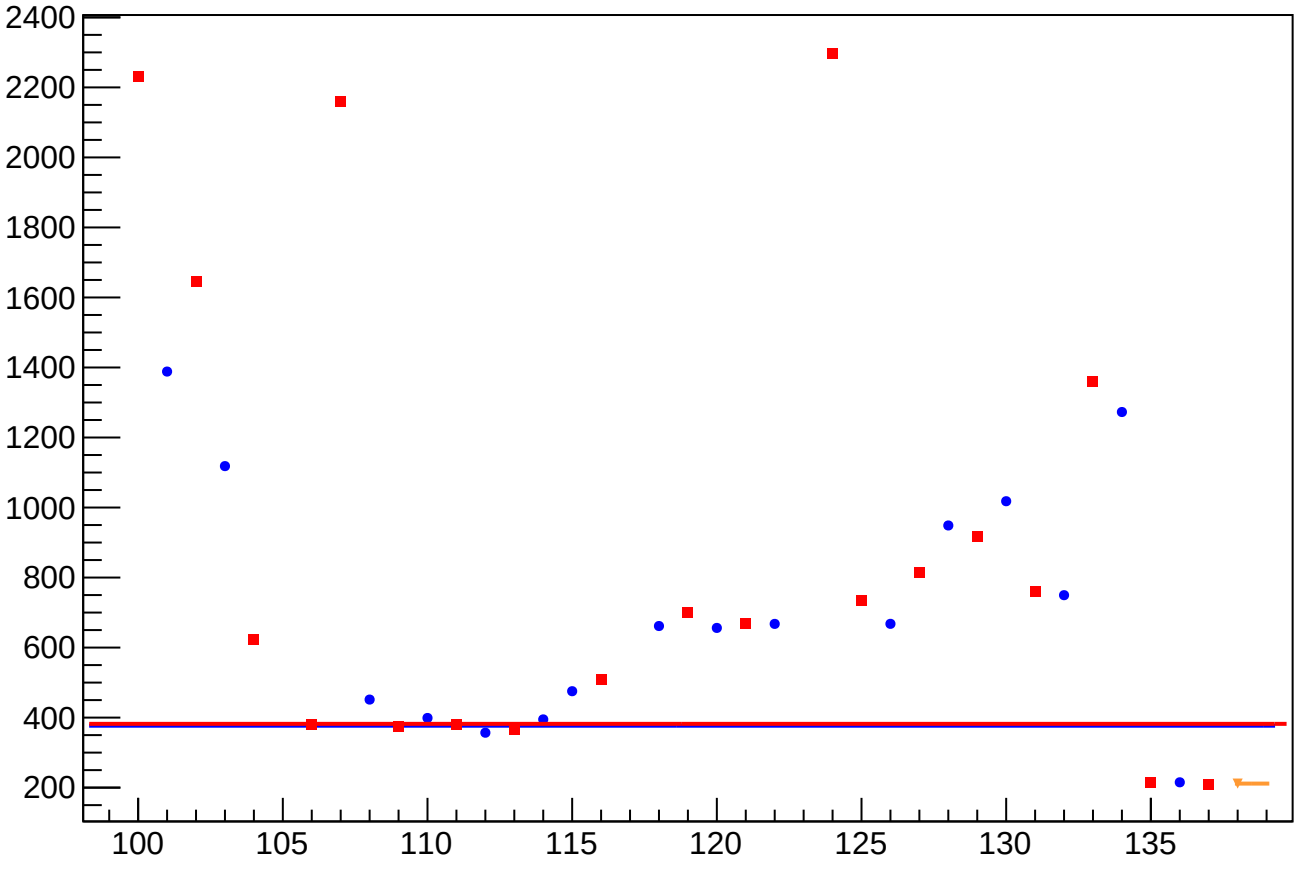
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1286.534+/-0.327 χ^2/NDF: 518144.5/16

All: 1291.690+/-0.237 χ^2/NDF: 846409.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug
4000
2000
0
−2000
−4000
−6000
−8000
−10000
−12000
−14000
−16000
100
105
110
115
120
125
130
135
Right In: -376.771+/-168.223 χ²/NDF: 17.9/15
Left Out: 174.455+/-241.508 χ²/NDF:0.0/0
Right Out: -202.144+/-169.377 χ²/NDF: 14.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -196.694+/-138.037 χ²/NDF: 21.4/16
All: -198.869+/-107.003 χ²/NDF: 35.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 376.884+/-0.119 χ^2/NDF: 4193328.0/15

Left Out: 211.521+/-0.171 χ^2/NDF:0.0/0

Right Out: 382.136+/-0.120 χ^2/NDF: 4059600.2/18

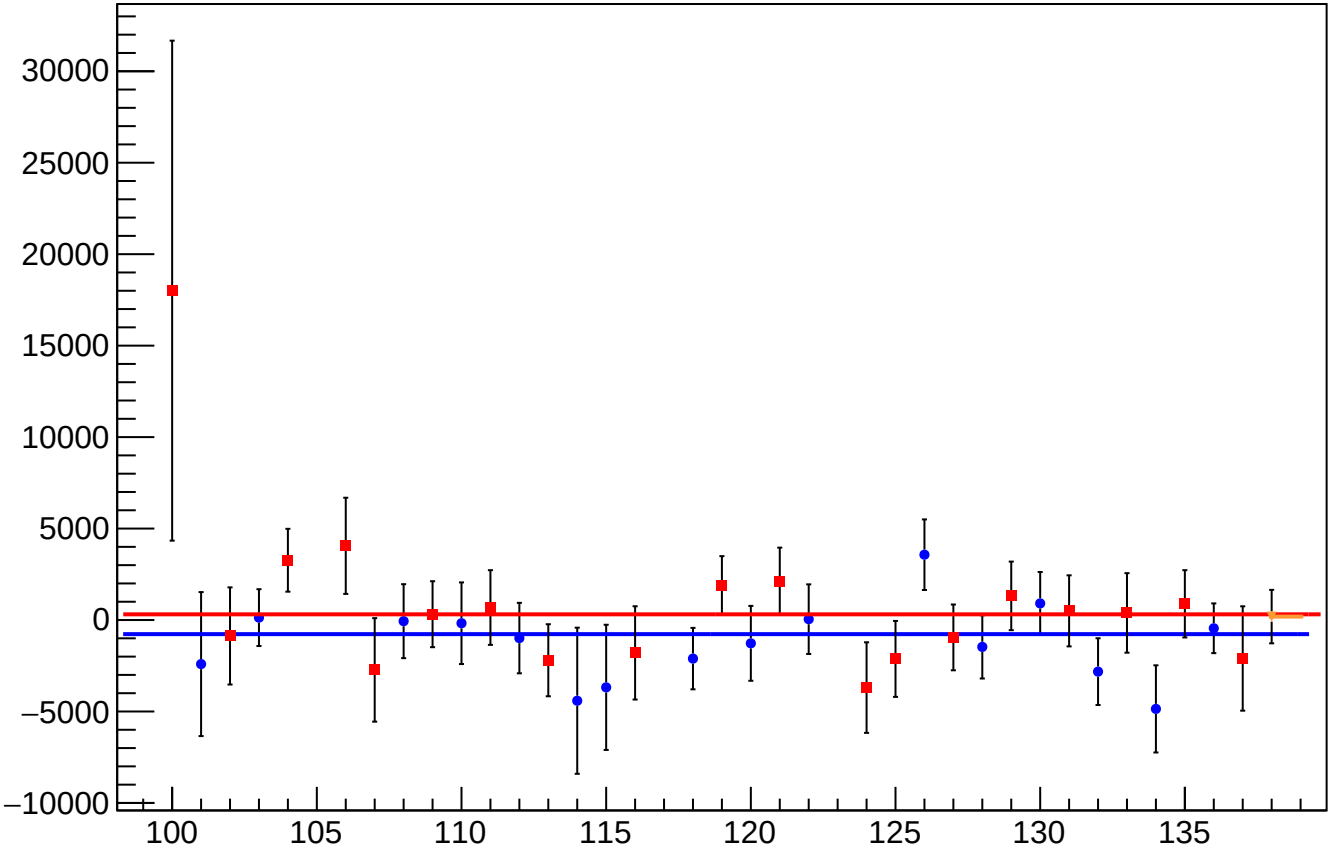
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.862+/-0.098 χ^2/NDF: 4824670.4/16

All: 346.518+/-0.076 χ^2/NDF: 9031450.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -771.499+/-489.602 χ^2/NDF: 13.6/15

Left Out: 187.491+/-1461.257 χ^2/NDF:0.0/0

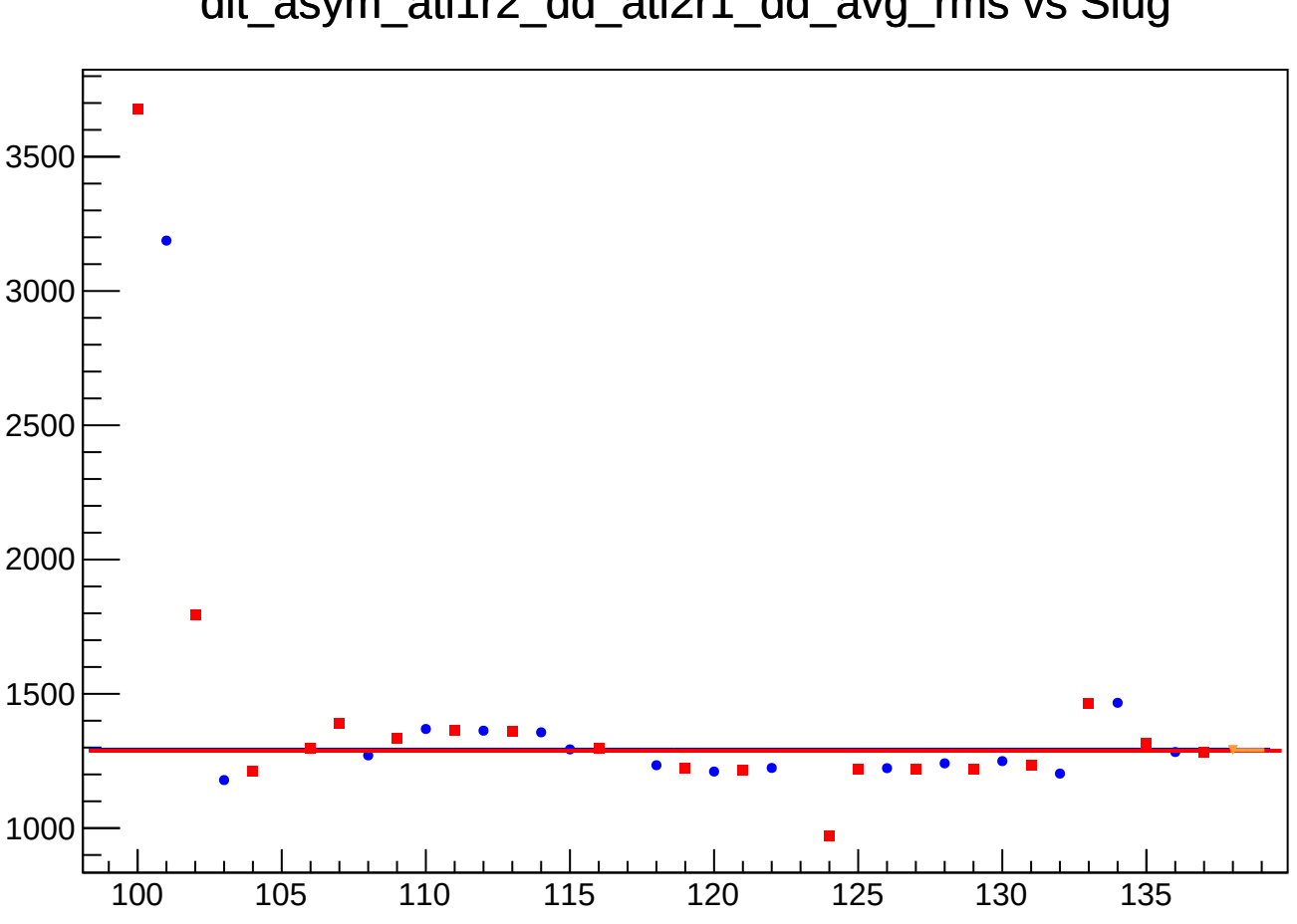
Right Out: 311.418+/-482.642 χ^2/NDF: 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -674.707+/-464.237 χ^2/NDF: 14.0/16

All: -200.805+/-334.583 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1292.038+/-0.346 χ^2/NDF: 509406.3/15

Left Out: 1290.870+/-1.033 χ^2/NDF:0.0/0

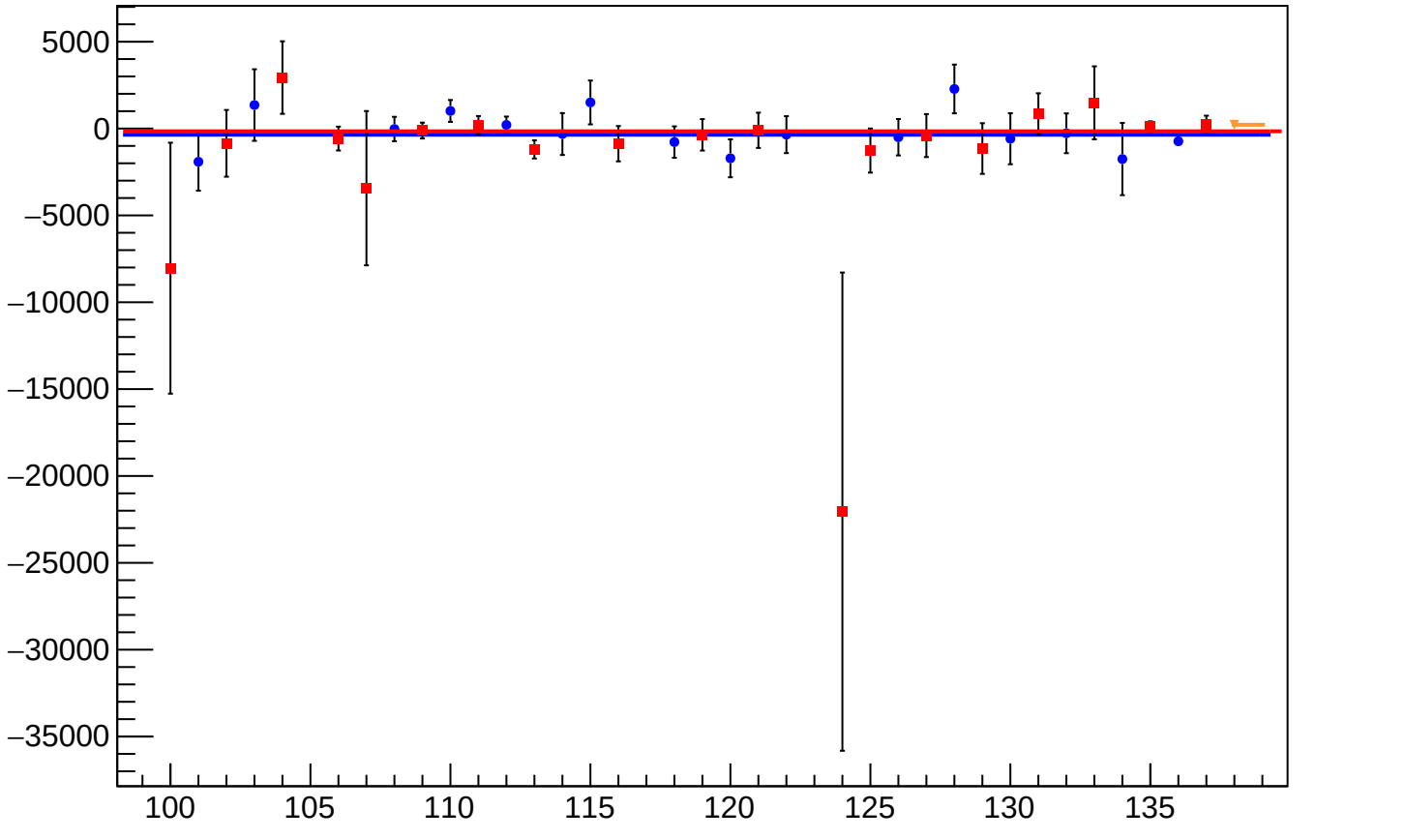
Right Out: 1287.988+/-0.341 χ^2/NDF: 209208.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1291.920+/-0.328 χ^2/NDF: 509407.4/16

All: 1290.031+/-0.237 χ^2/NDF: 718685.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -355.226+/-169.971 χ^2/NDF: 18.4/15

Left Out: 218.216+/-243.635 χ^2/NDF:0.0/0

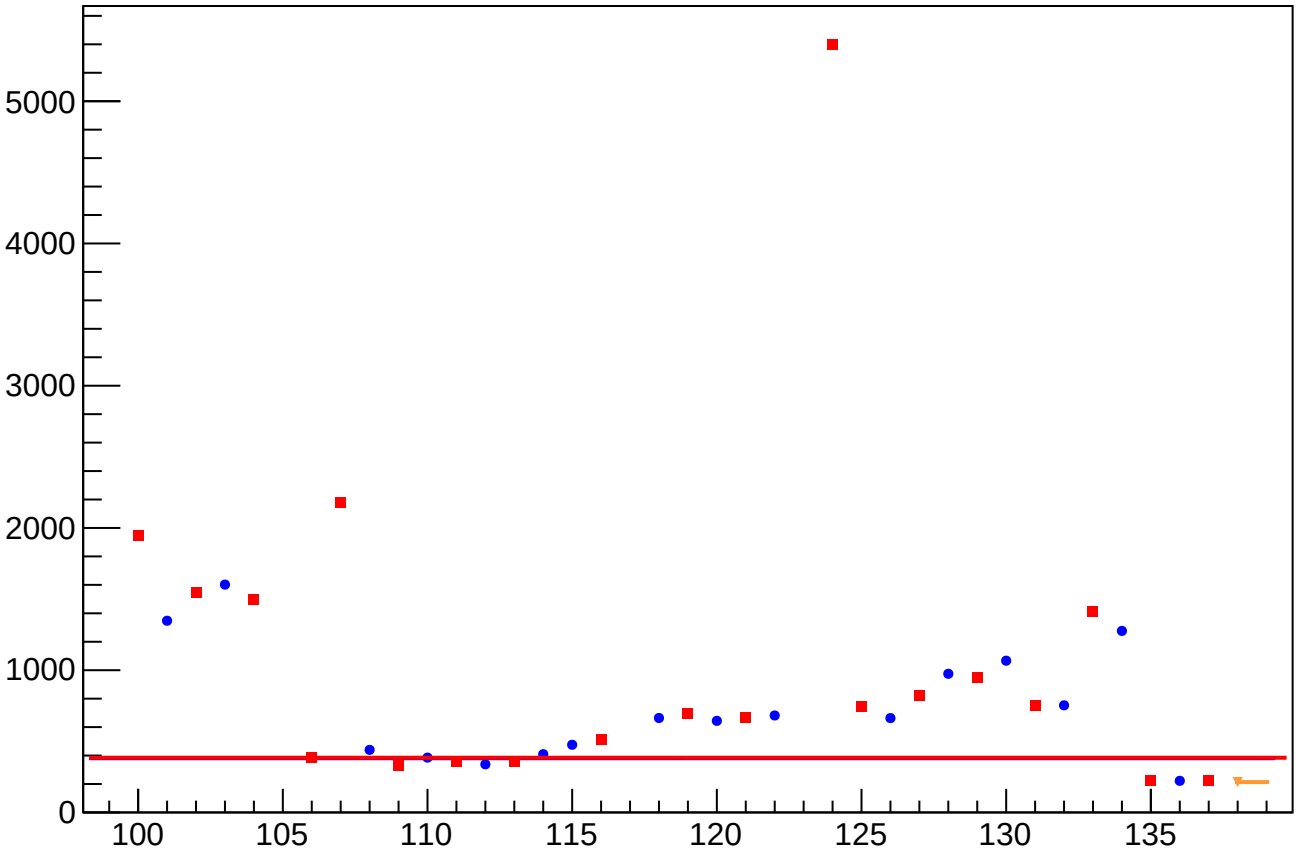
Right Out: -157.924+/-169.665 χ^2/NDF: 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -167.497+/-139.399 χ^2/NDF: 22.2/16

All: -163.639+/-107.708 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 381.349+/-0.120 χ^2/NDF: 4317922.6/15

Left Out: 213.624+/-0.172 χ^2/NDF:0.0/0

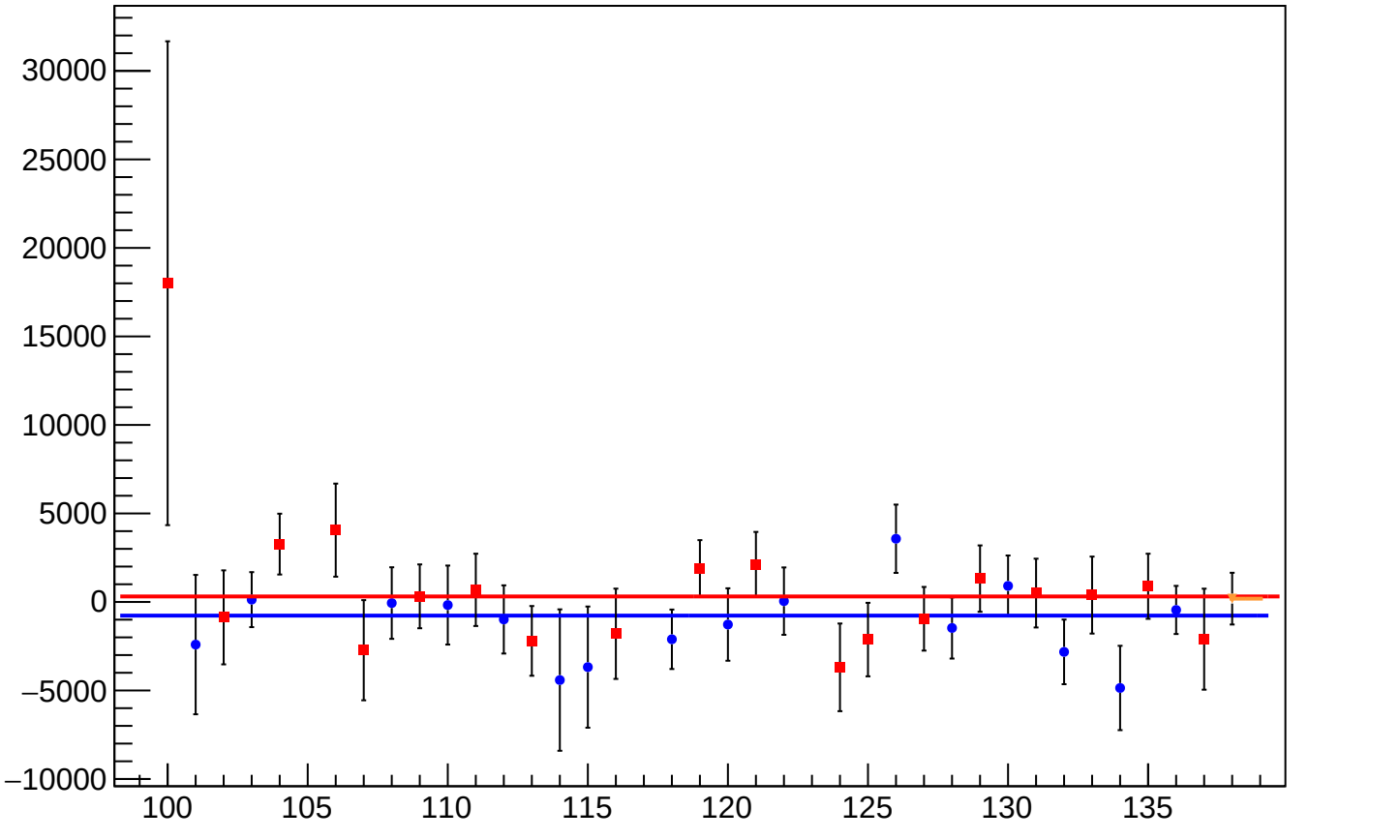
Right Out: 384.651+/-0.120 χ^2/NDF: 4560208.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 326.441+/-0.099 χ^2/NDF: 4955481.5/16

All: 349.900+/-0.076 χ^2/NDF: 9656234.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -771.501+/-489.602 χ^2/NDF: 13.6/15

Left Out: 187.510+/-1461.257 χ^2/NDF:0.0/0

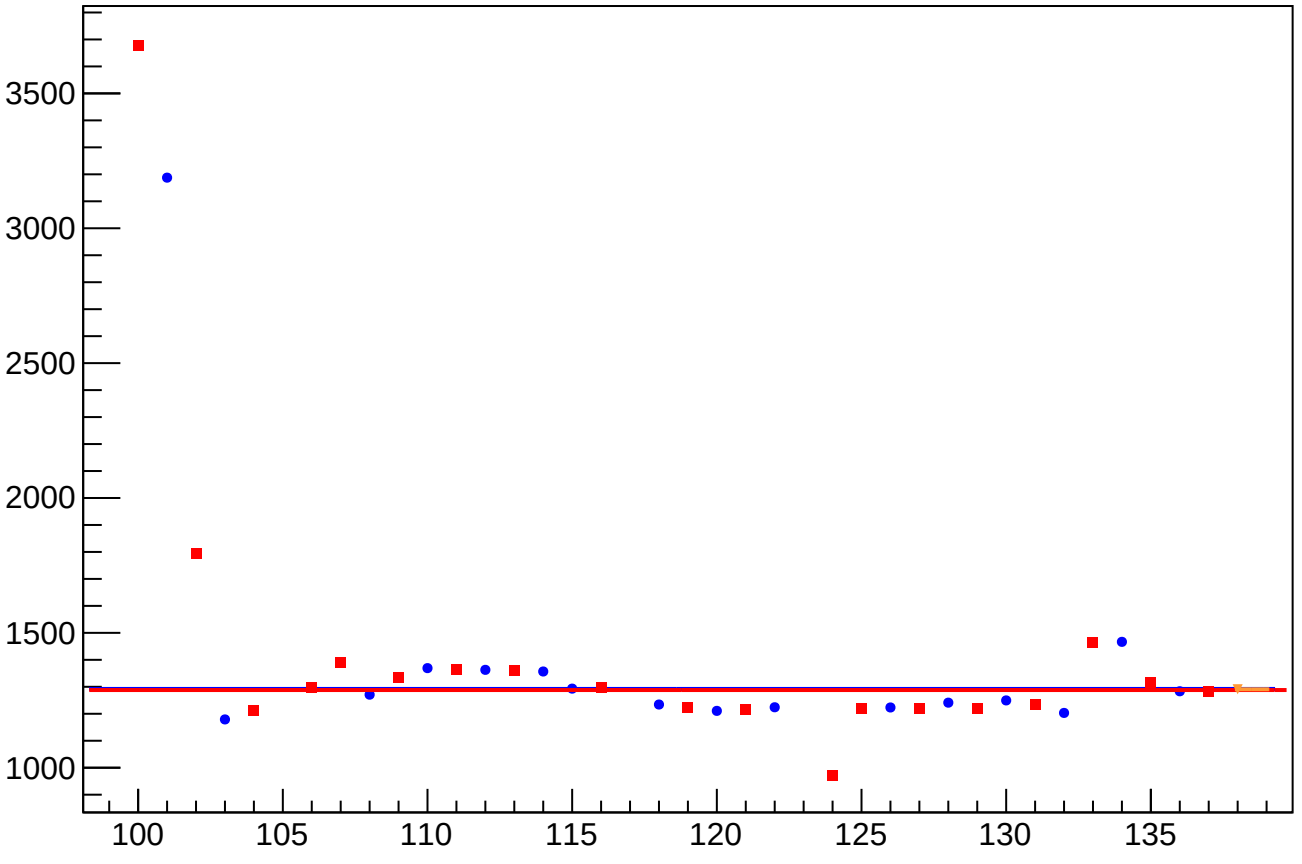
Right Out: 311.419+/-482.642 χ^2/NDF: 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -674.707+/-464.237 χ^2/NDF: 14.0/16

All: -200.804+/-334.583 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1292.038+/-0.346 χ^2/NDF: 509406.2/15

Left Out: 1290.870+/-1.033 χ^2/NDF:0.0/0

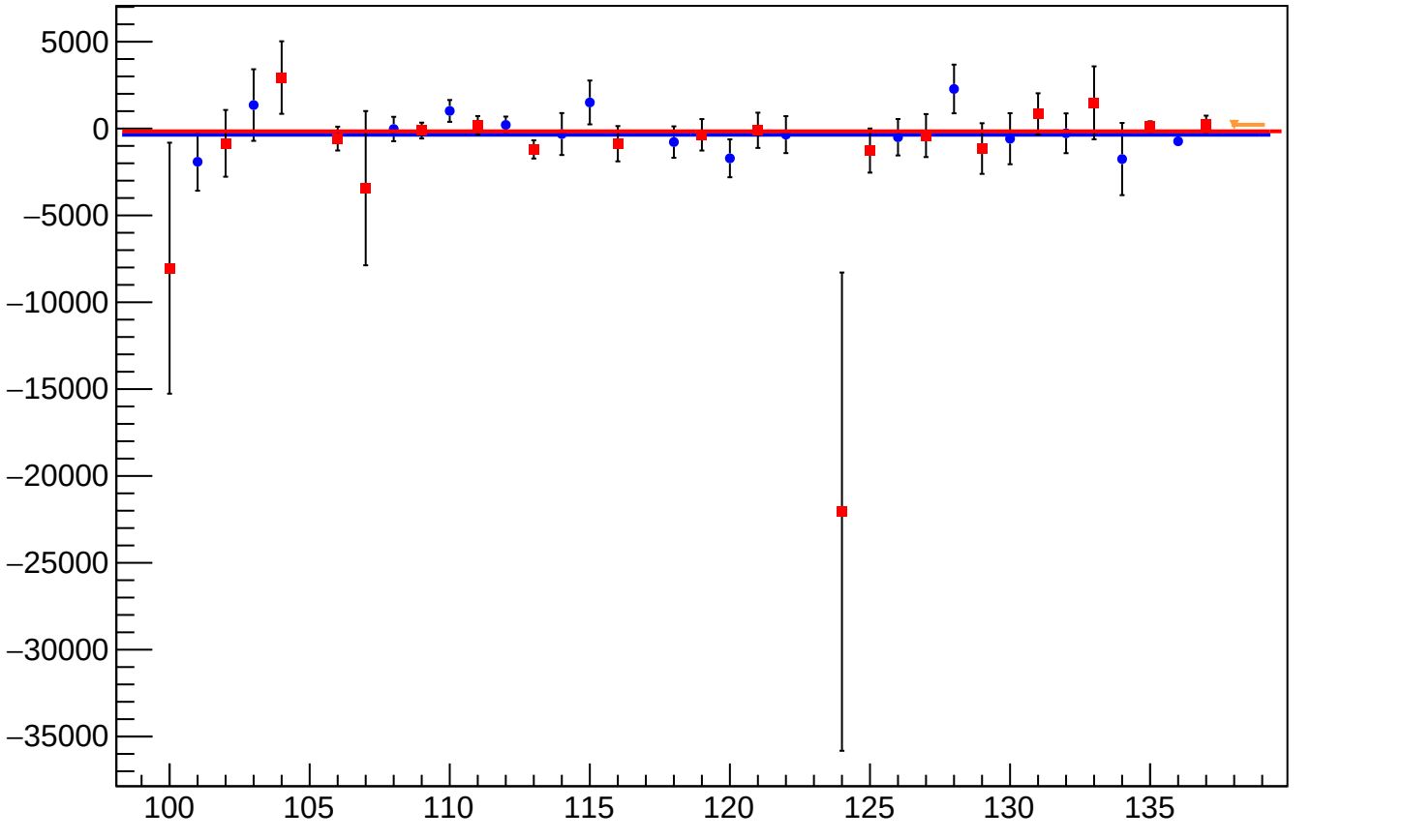
Right Out: 1287.988+/-0.341 χ^2/NDF: 209209.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1291.920+/-0.328 χ^2/NDF: 509407.4/16

All: 1290.031+/-0.237 χ^2/NDF: 718685.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -355.226+/-169.973 χ^2/NDF: 18.4/15

Left Out: 218.233+/-243.650 χ^2/NDF:0.0/0

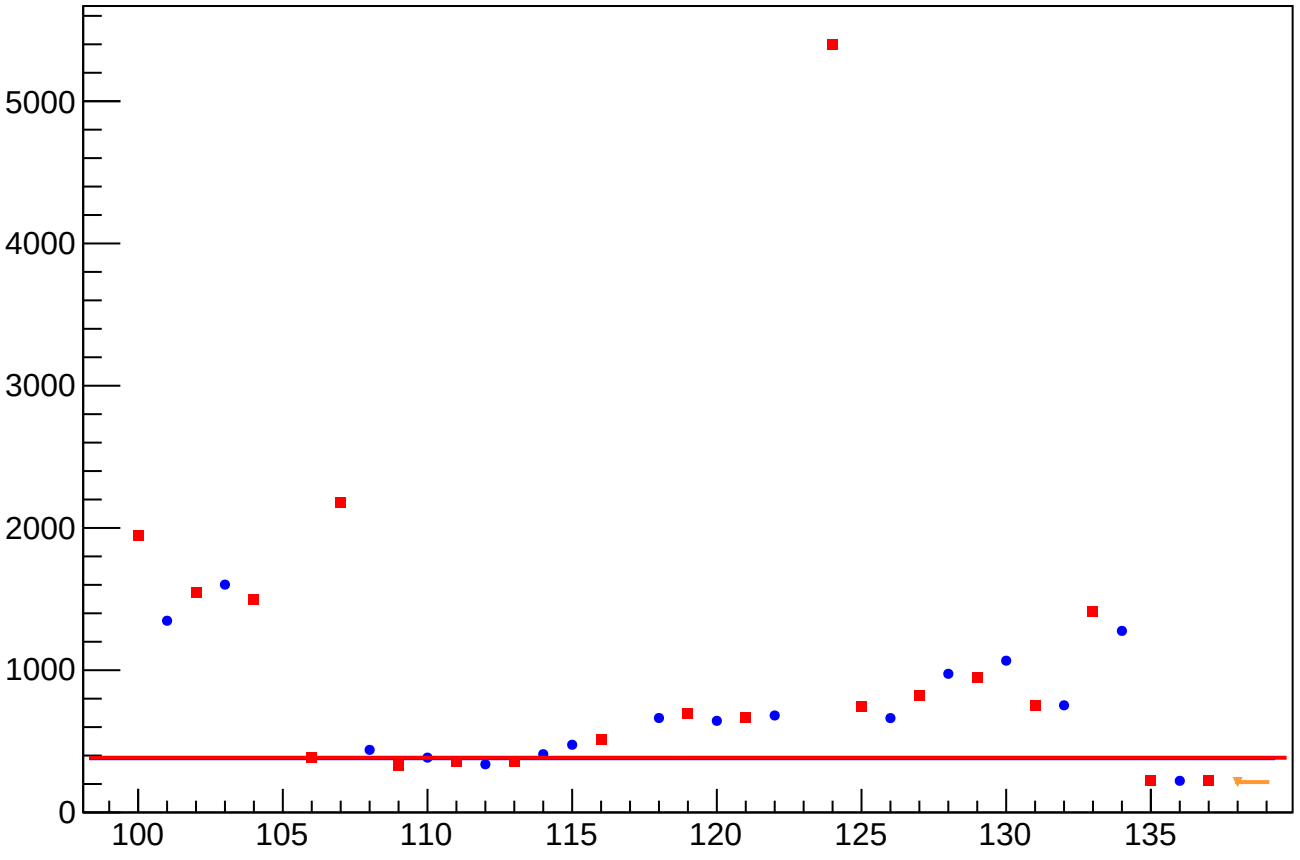
Right Out: -157.929+/-169.667 χ^2/NDF: 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -167.503+/-139.404 χ^2/NDF: 22.2/16

All: -163.645+/-107.710 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 381.359+/-0.120 χ^2/NDF: 4317737.3/15

Left Out: 213.637+/-0.172 χ^2/NDF:0.0/0

Right Out: 384.658+/-0.120 χ^2/NDF: 4560068.3/18

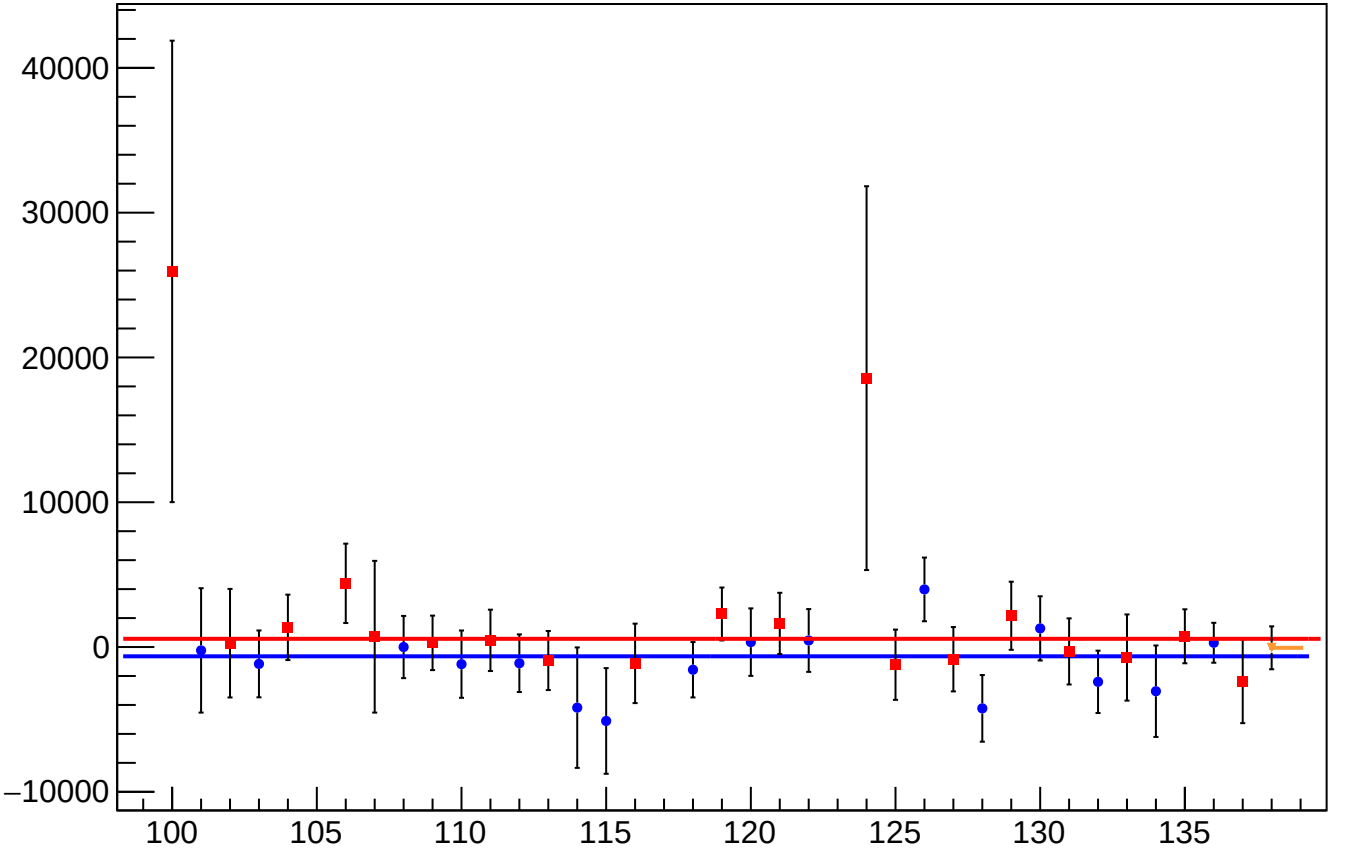
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 326.455+/-0.099 χ^2/NDF: 4955212.6/16

All: 349.912+/-0.076 χ^2/NDF: 9655788.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -640.824+/-564.366 χ^2/NDF: 12.5/15

Left Out: -53.980+/-1481.993 χ^2/NDF:0.0/0

Right Out: 567.254+/-566.774 χ^2/NDF: 11.3/18

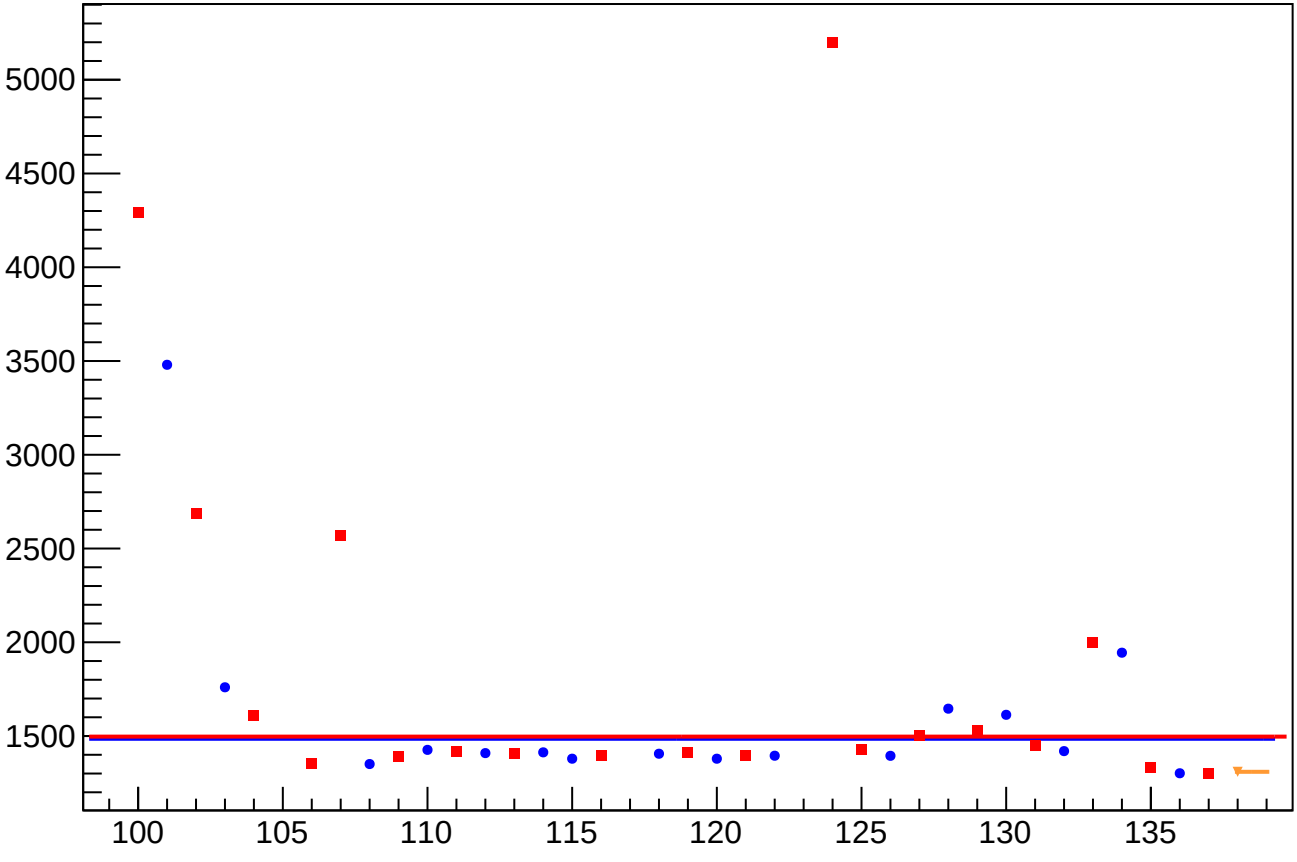
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -566.498+/-527.417 χ^2/NDF: 12.6/16

All: -40.350+/-386.105 χ^2/NDF: 26.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1485.370+/-0.399 χ^2/NDF: 584470.1/15

Left Out: 1309.196+/-1.048 χ^2/NDF:0.0/0

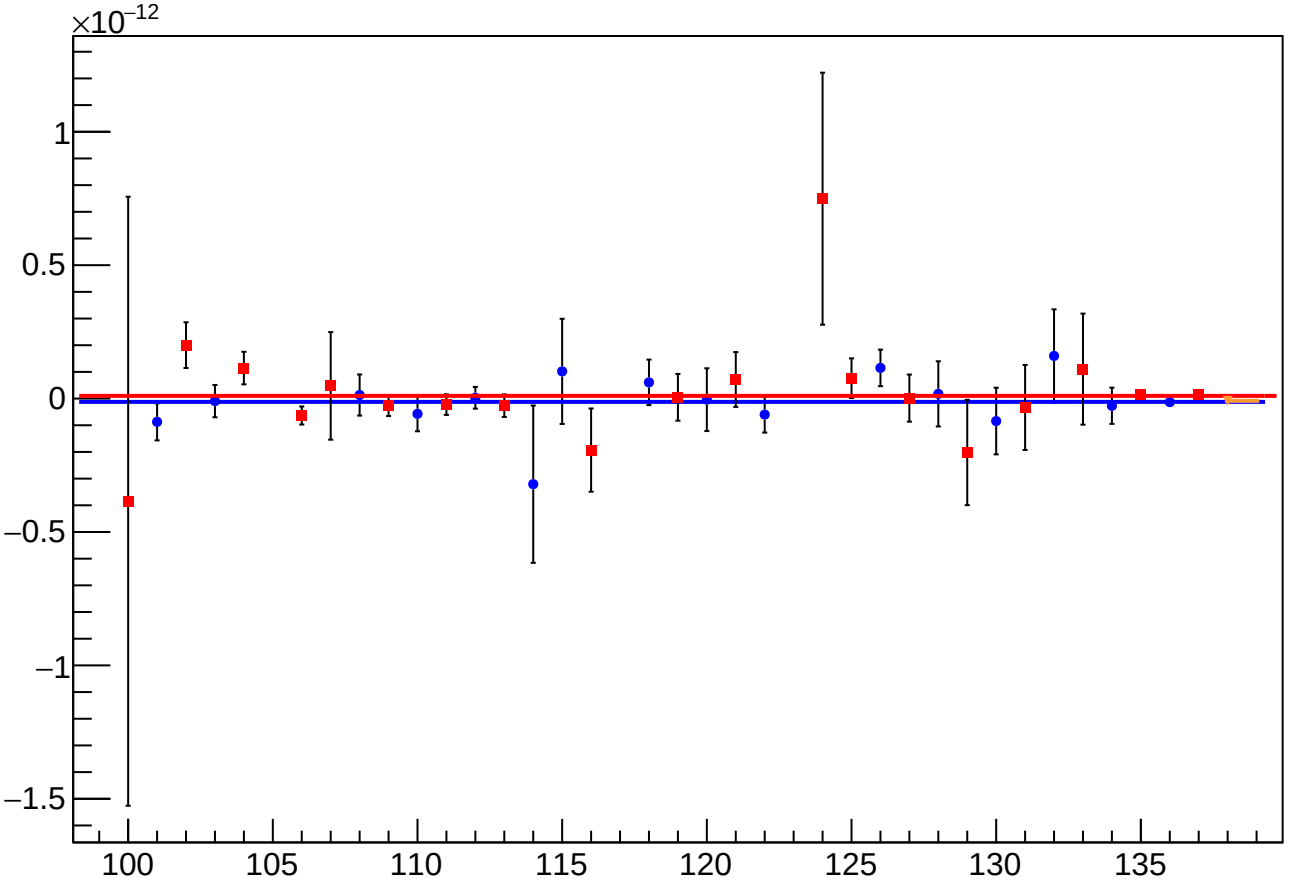
Right Out: 1496.865+/-0.401 χ^2/NDF: 623292.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1463.057+/-0.373 χ^2/NDF: 609153.7/16

All: 1478.747+/-0.273 χ^2/NDF: 1236260.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 9.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

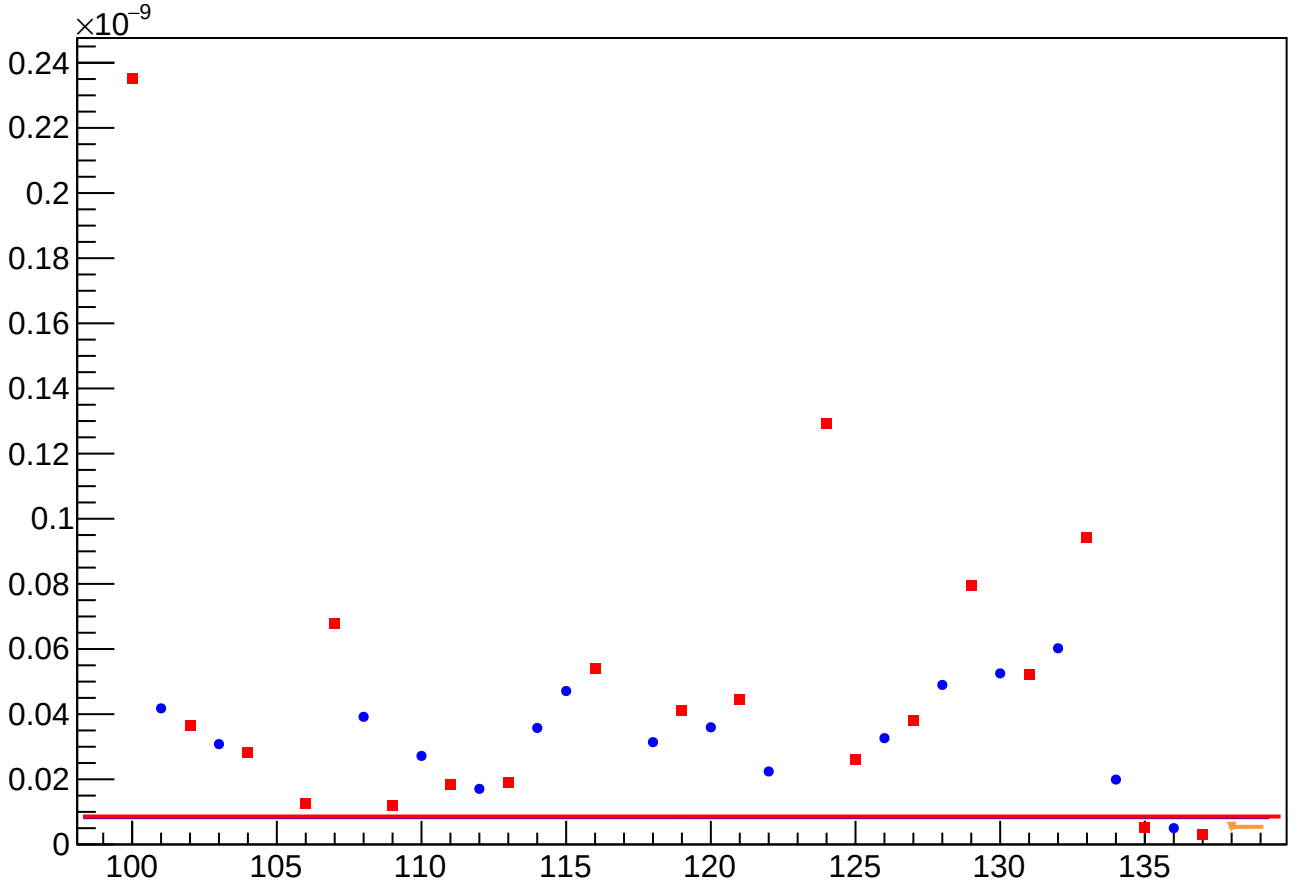
Right Out: 0.000+/-0.000 χ^2/NDF: 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.6/16

All: -0.000+/-0.000 χ^2/NDF: 36.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3059657.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

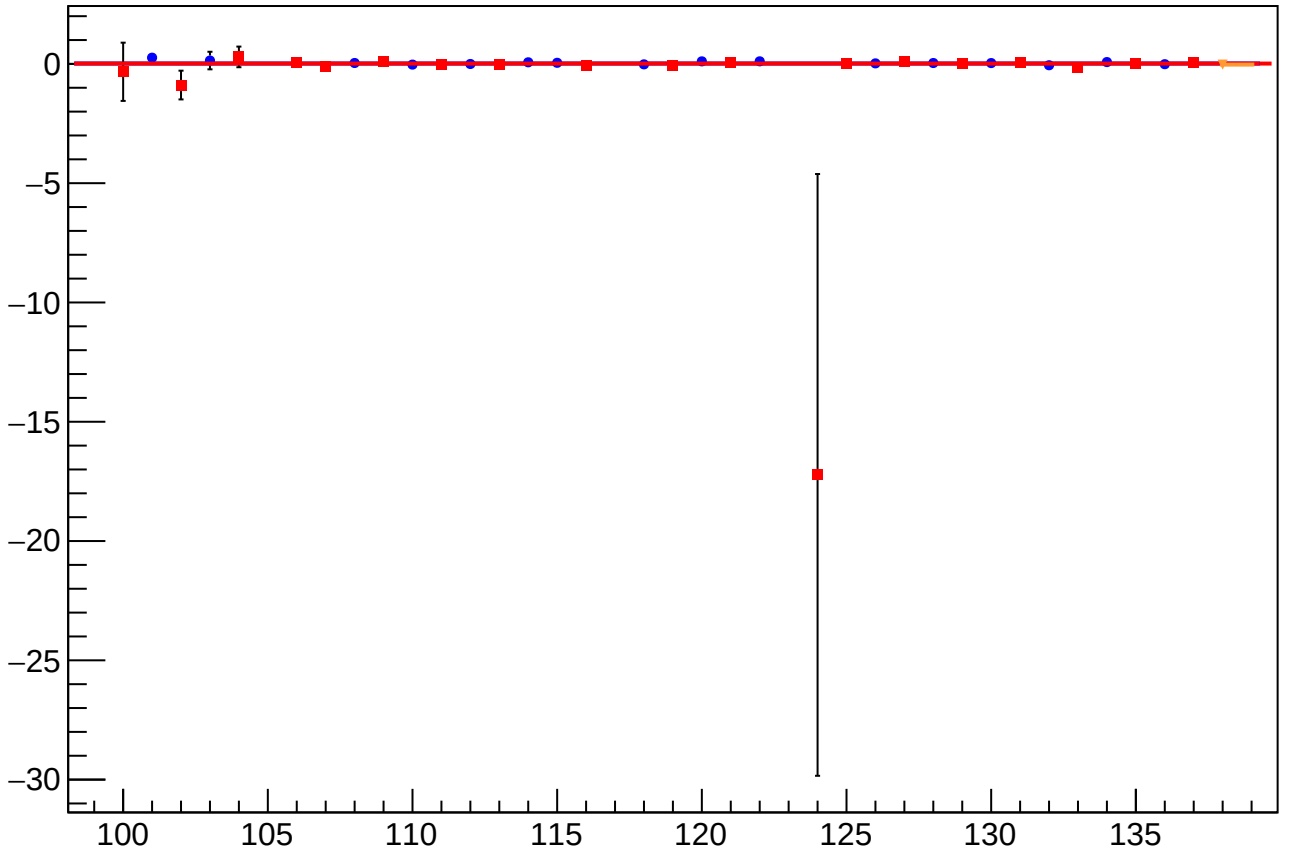
Right Out: 0.000+/-0.000 χ^2/NDF: 3348571.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3195615.1/16

All: 0.000+/-0.000 χ^2/NDF: 6588678.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

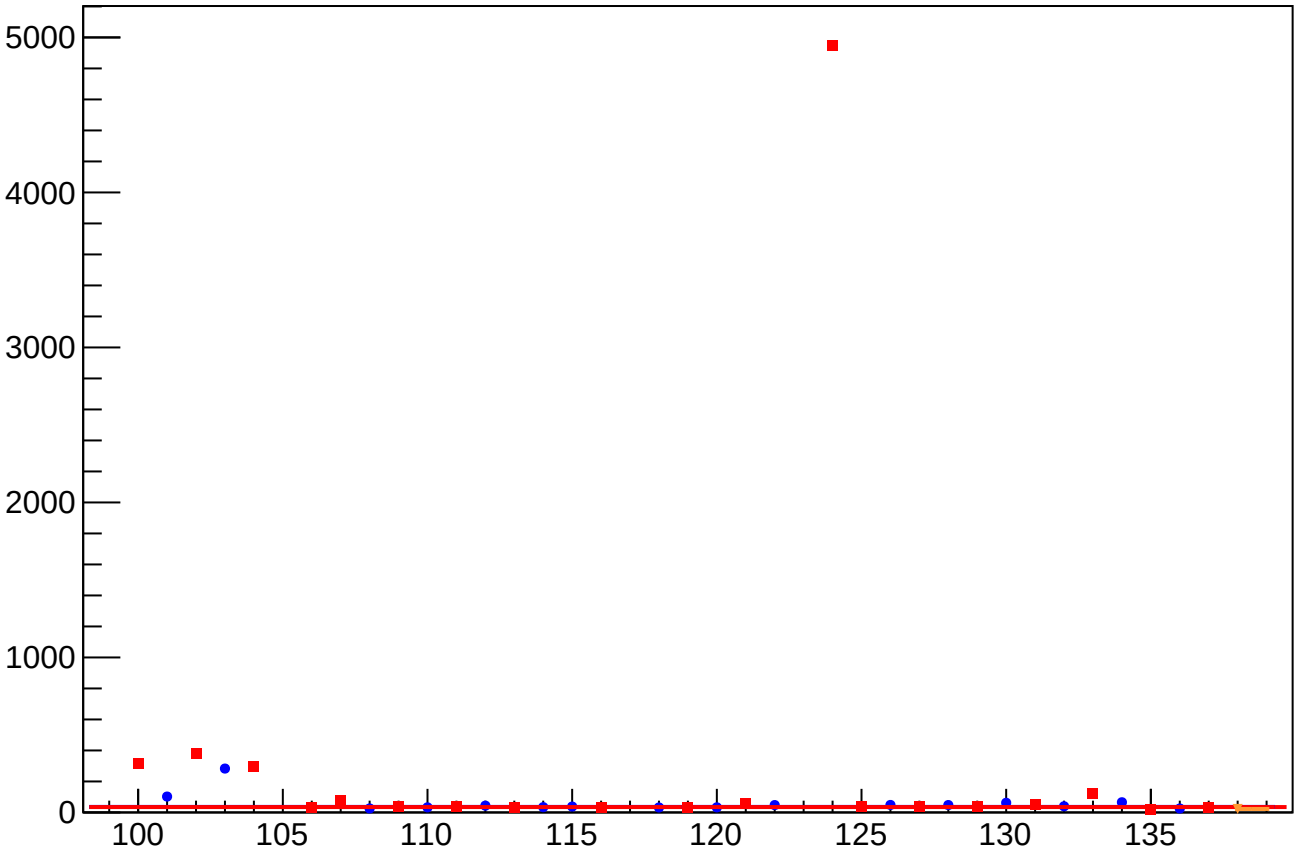
Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 35.742+/-0.011 χ^2/NDF: 2264790.8/15

Left Out: 22.516+/-0.020 χ^2/NDF:0.0/0

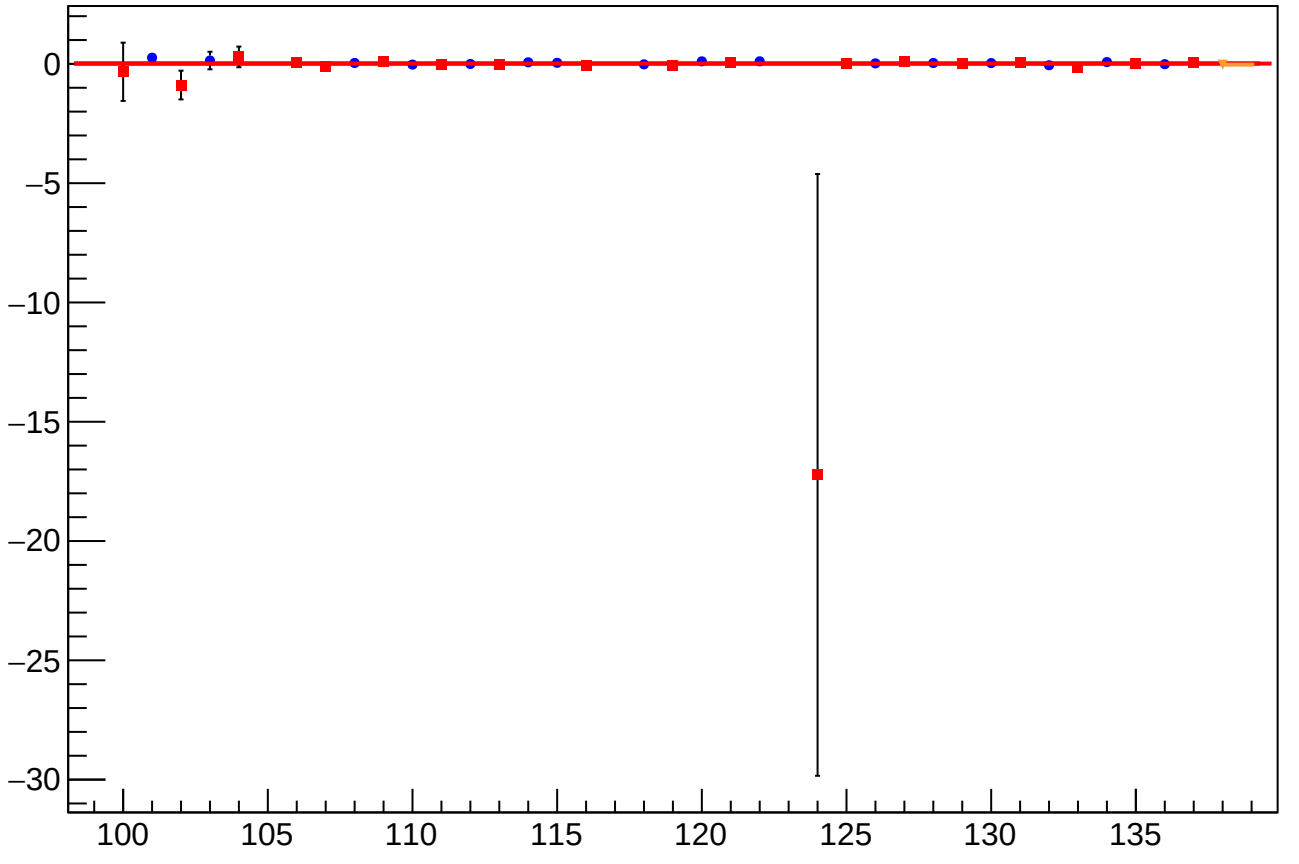
Right Out: 34.797+/-0.011 χ^2/NDF: 2914137.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.587+/-0.010 χ^2/NDF: 2614524.8/16

All: 33.530+/-0.007 χ^2/NDF: 5551596.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

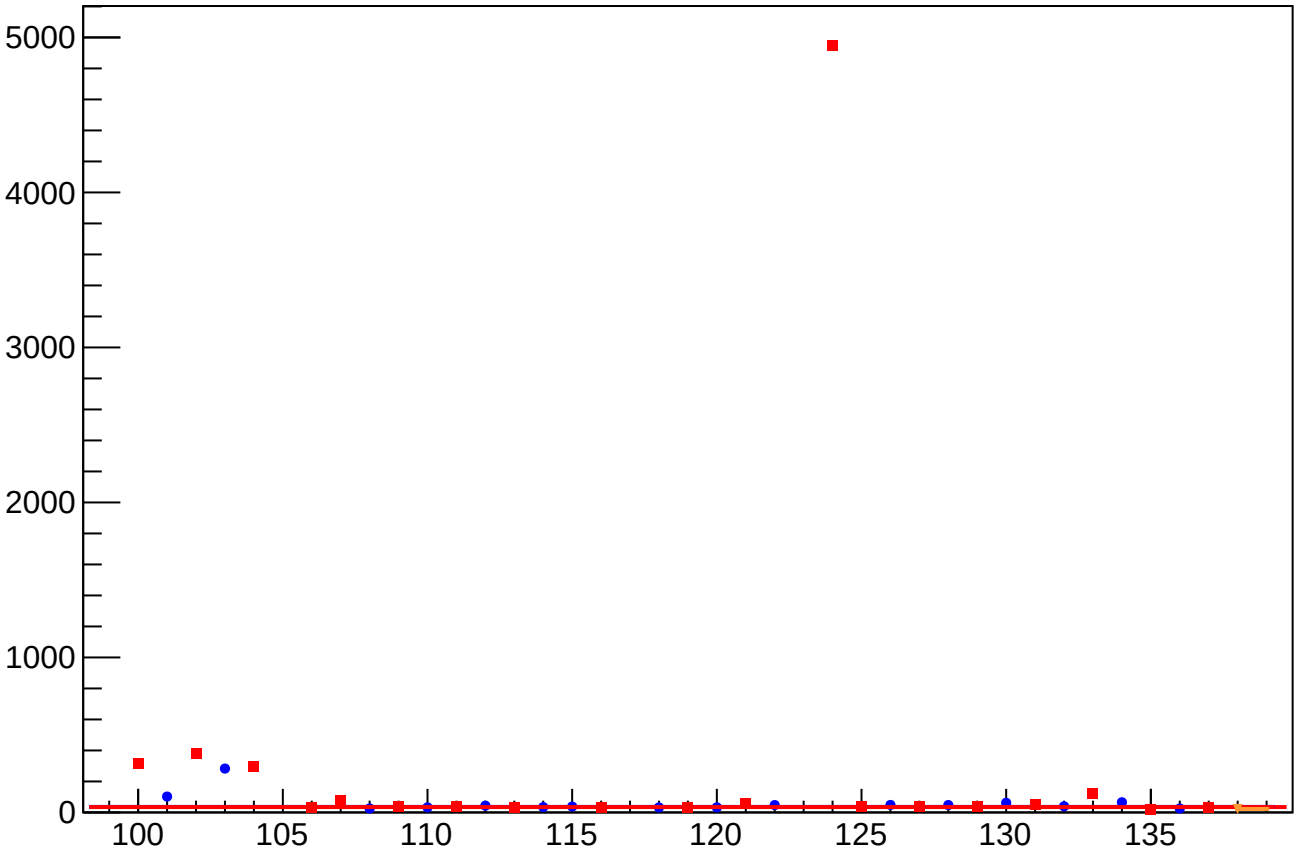
Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 35.742+/-0.011 χ^2/NDF: 2264790.8/15

Left Out: 22.516+/-0.020 χ^2/NDF:0.0/0

Right Out: 34.797+/-0.011 χ^2/NDF: 2914137.1/18

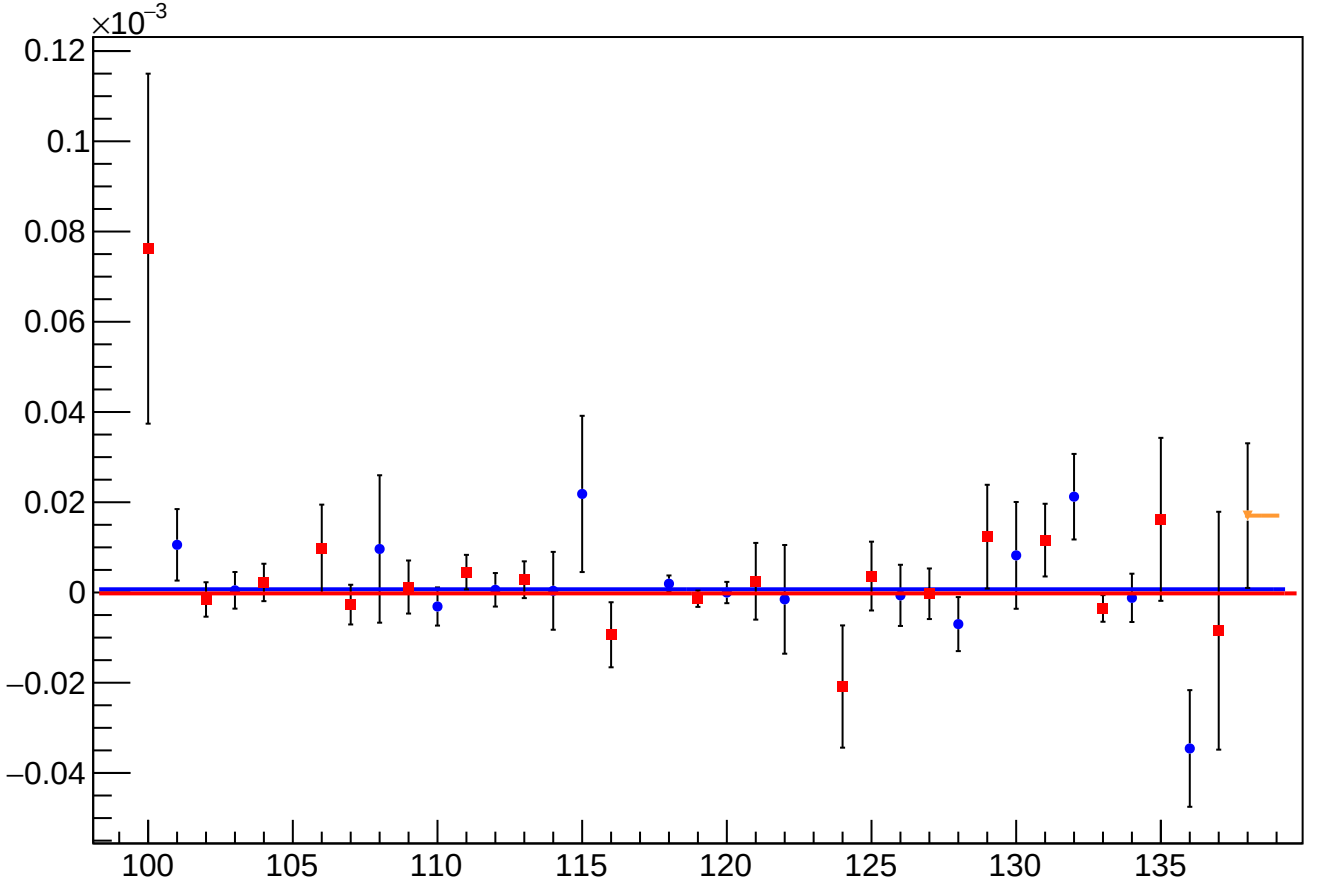
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.587+/-0.010 χ^2/NDF: 2614524.8/16

All: 33.530+/-0.007 χ^2/NDF: 5551596.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 19.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

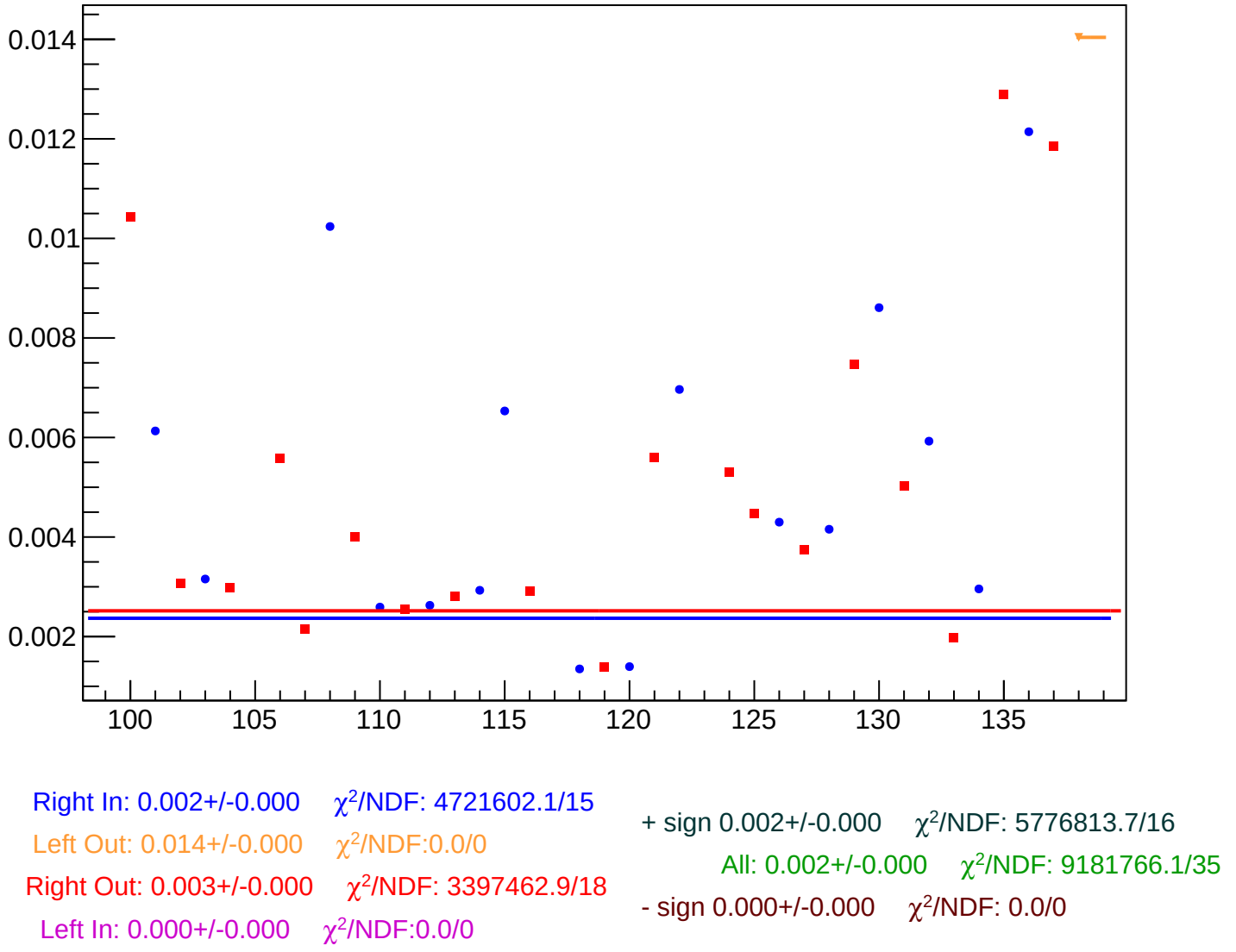
Right Out: -0.000+/-0.000 χ^2/NDF: 18.1/18

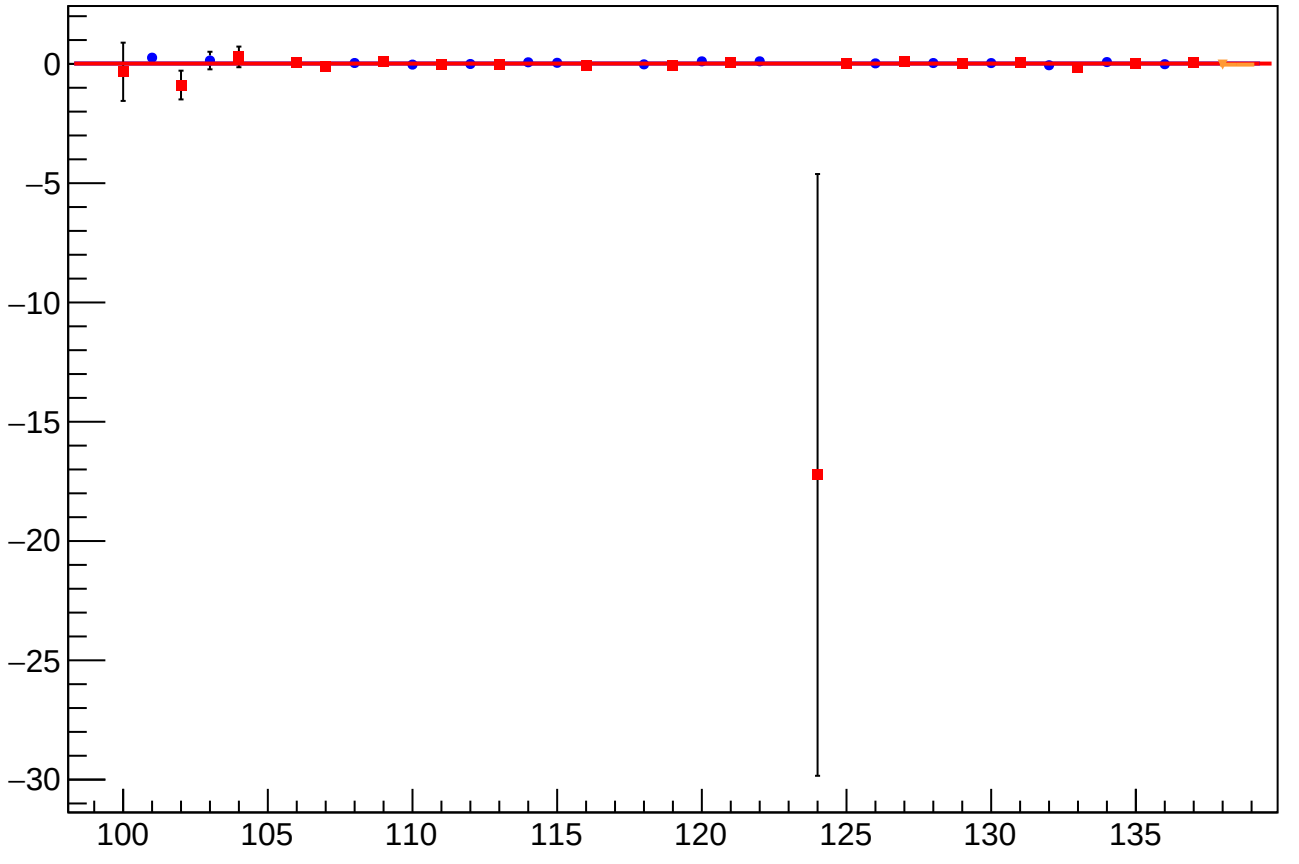
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 20.1/16

All: 0.000+/-0.000 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 4721602.1/15
Left Out: 0.014+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 3397462.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 5776813.7/16
All: 0.002+/-0.000 χ²/NDF: 9181766.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

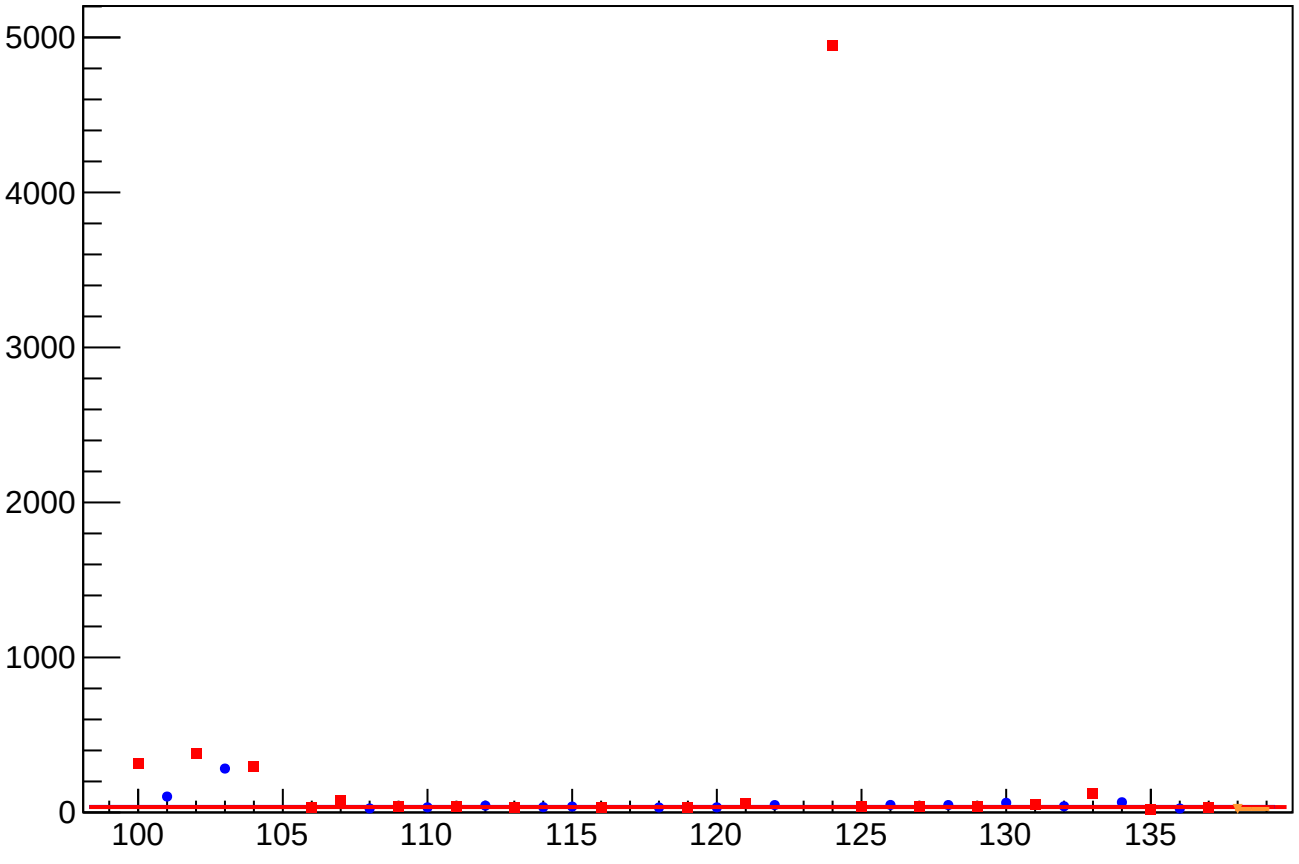
Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 35.743+/-0.011 χ^2/NDF: 2264513.9/15

Left Out: 22.514+/-0.020 χ^2/NDF:0.0/0

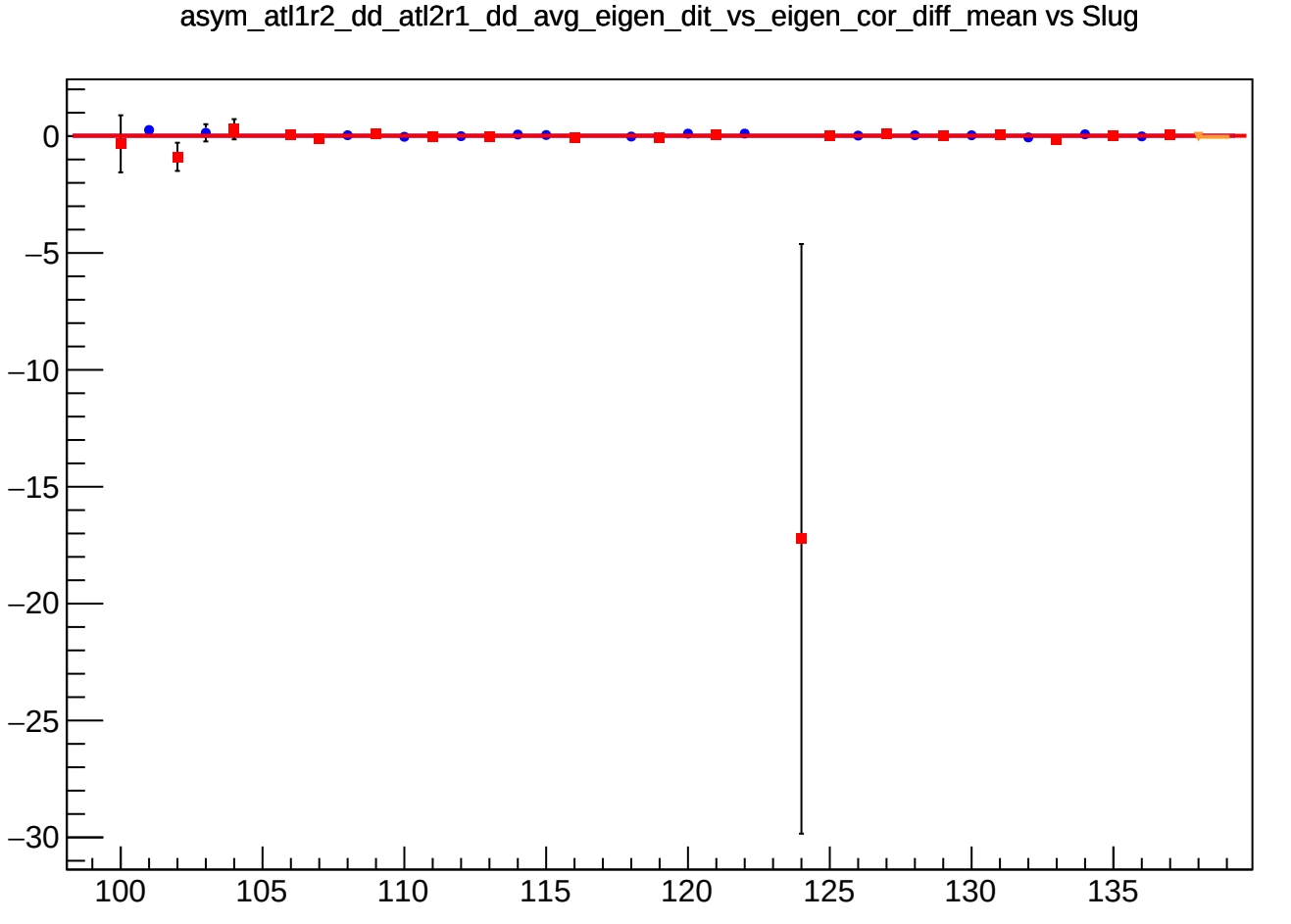
Right Out: 34.798+/-0.011 χ^2/NDF: 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.588+/-0.010 χ^2/NDF: 2614423.1/16

All: 33.531+/-0.007 χ^2/NDF: 5551327.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.015 χ^2/NDF: 11.5/15

Left Out: -0.030+/-0.028 χ^2/NDF:0.0/0

Right Out: 0.014+/-0.016 χ^2/NDF: 16.0/18

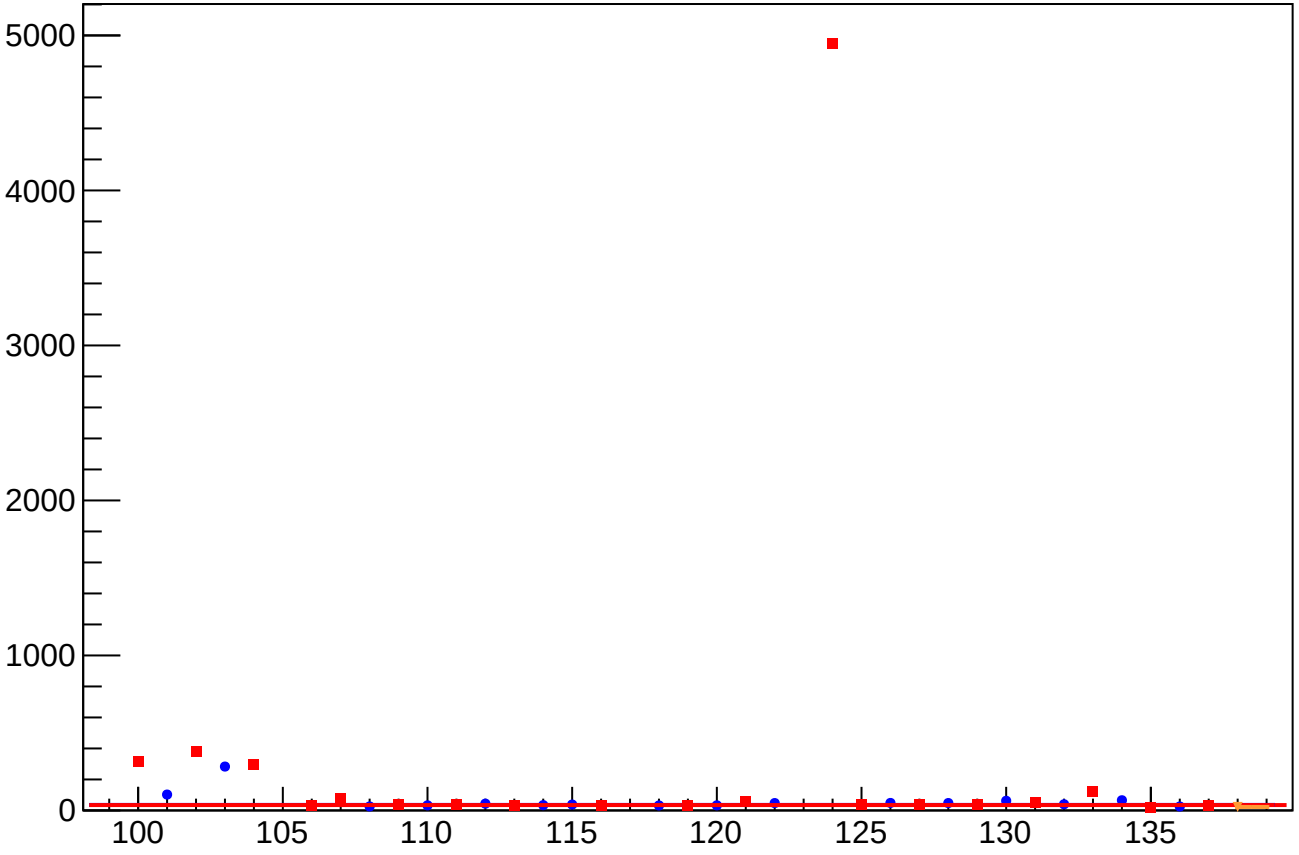
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.013 χ^2/NDF: 13.6/16

All: 0.009+/-0.010 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.743+/-0.011 χ^2/NDF: 2264513.9/15

Left Out: 22.514+/-0.020 χ^2/NDF:0.0/0

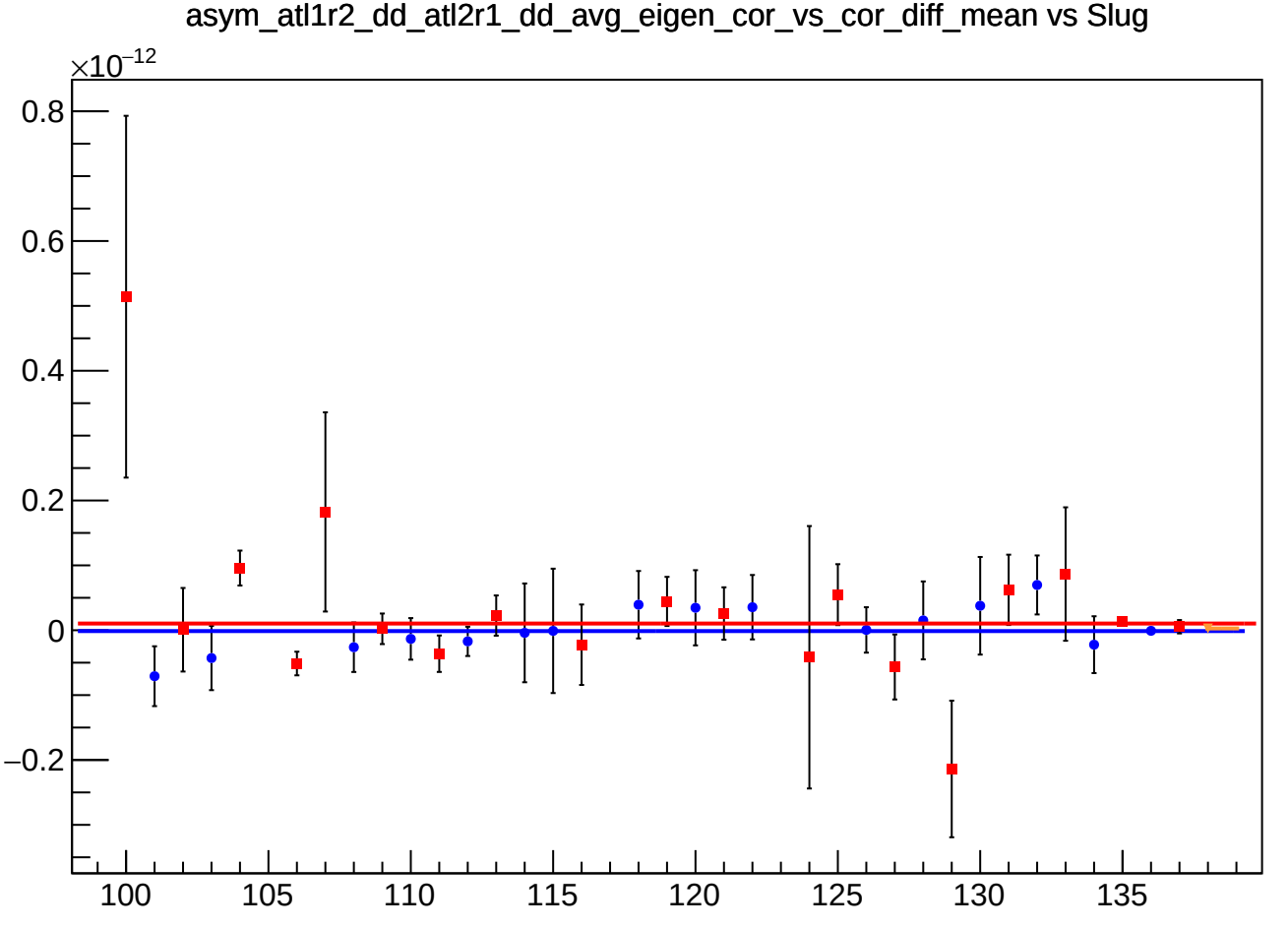
Right Out: 34.798+/-0.011 χ^2/NDF: 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.588+/-0.010 χ^2/NDF: 2614423.1/16

All: 33.531+/-0.007 χ^2/NDF: 5551327.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

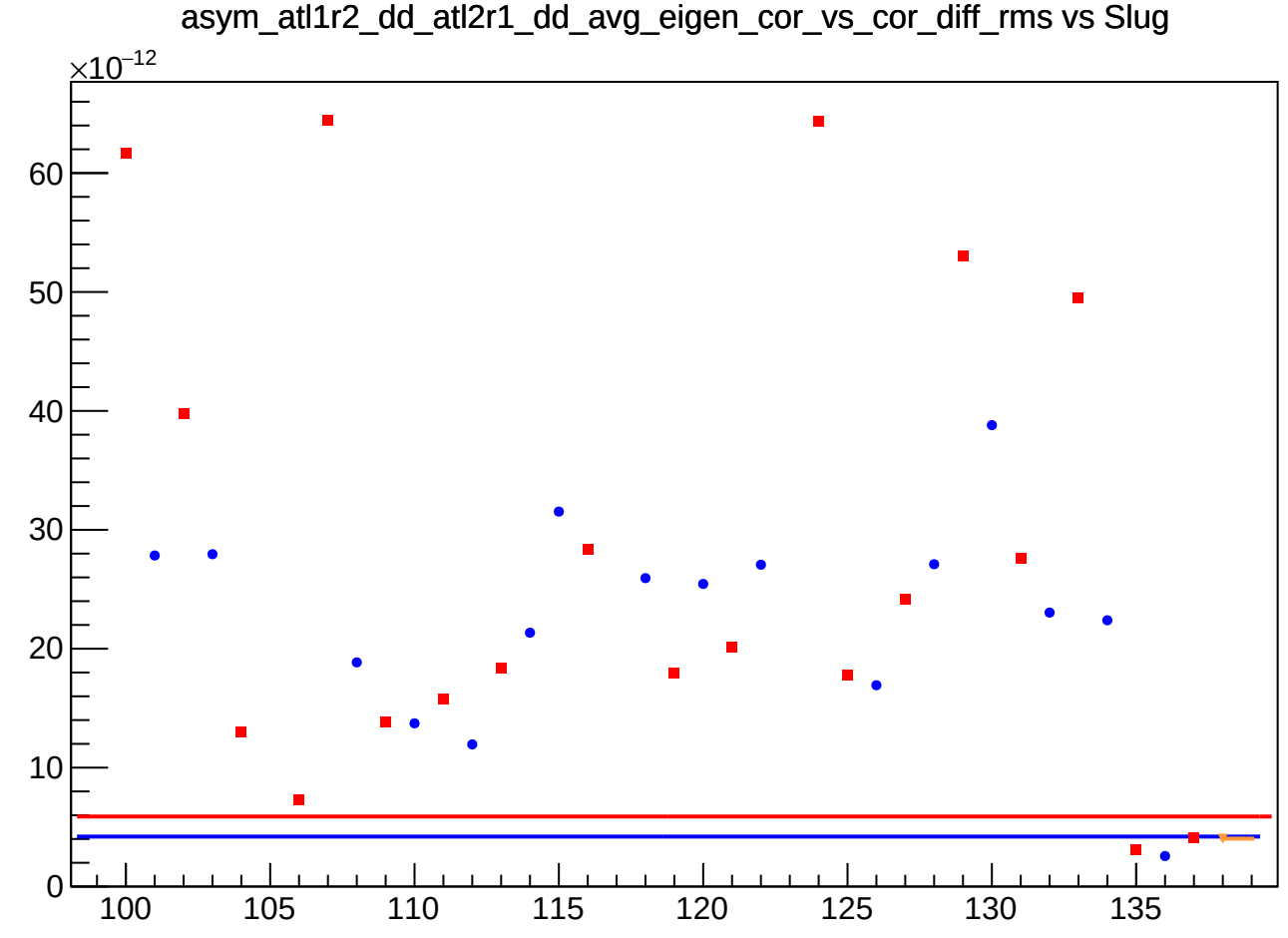
Right Out: 0.000+/-0.000 χ^2/NDF: 39.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.0/16

All: 0.000+/-0.000 χ^2/NDF: 53.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 5080225.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4860861.1/18

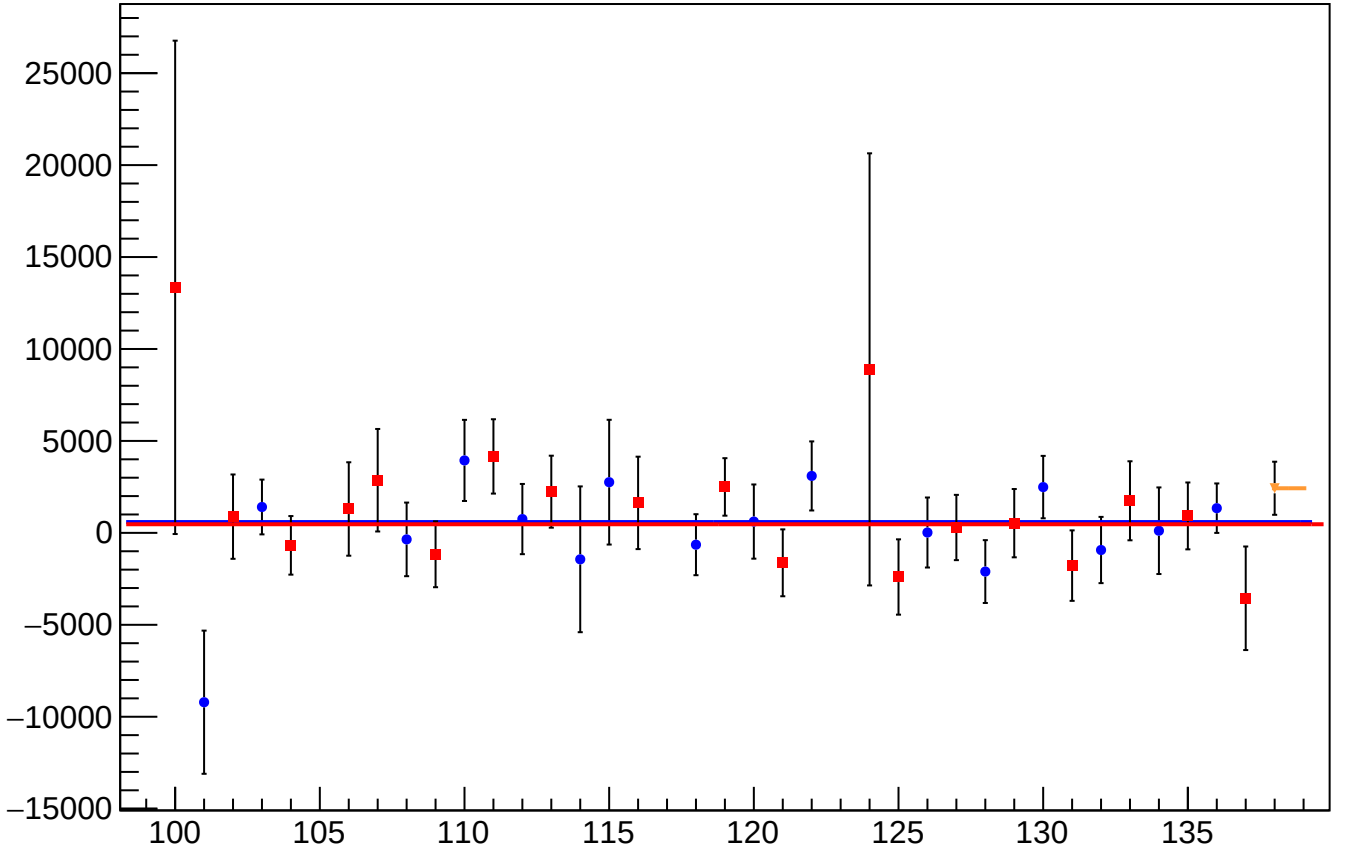
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 5081700.2/16

All: 0.000+/-0.000 χ^2/NDF: 10175170.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 586.935+/-482.434 χ^2/NDF: 17.1/15

Left Out: 2425.769+/-1443.726 χ^2/NDF:0.0/0

Right Out: 469.012+/-480.516 χ^2/NDF: 16.9/18

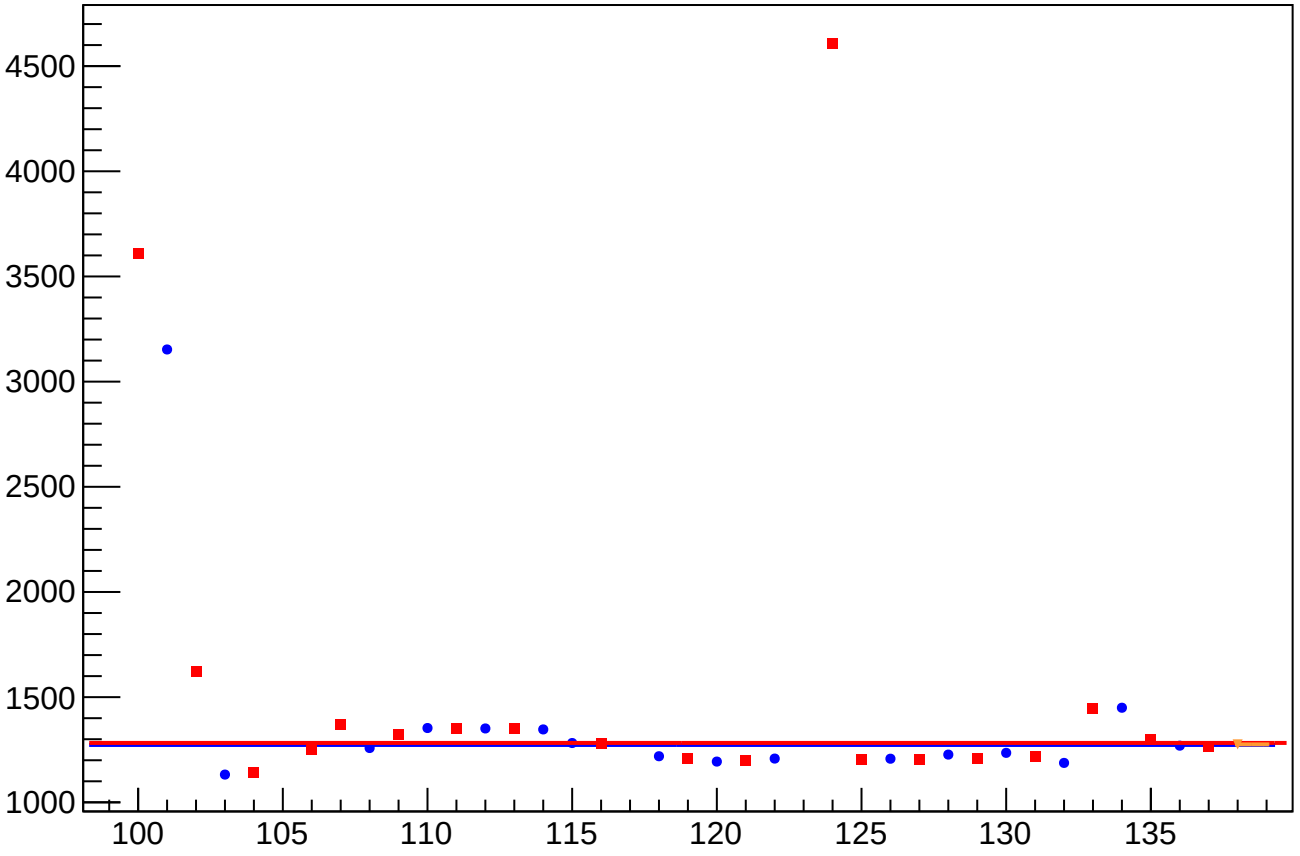
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 771.638+/-457.563 χ^2/NDF: 18.5/16

All: 627.725+/-331.363 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1272.804+/-0.341 χ^2/NDF: 519298.2/15

Left Out: 1275.395+/-1.021 χ^2/NDF:0.0/0

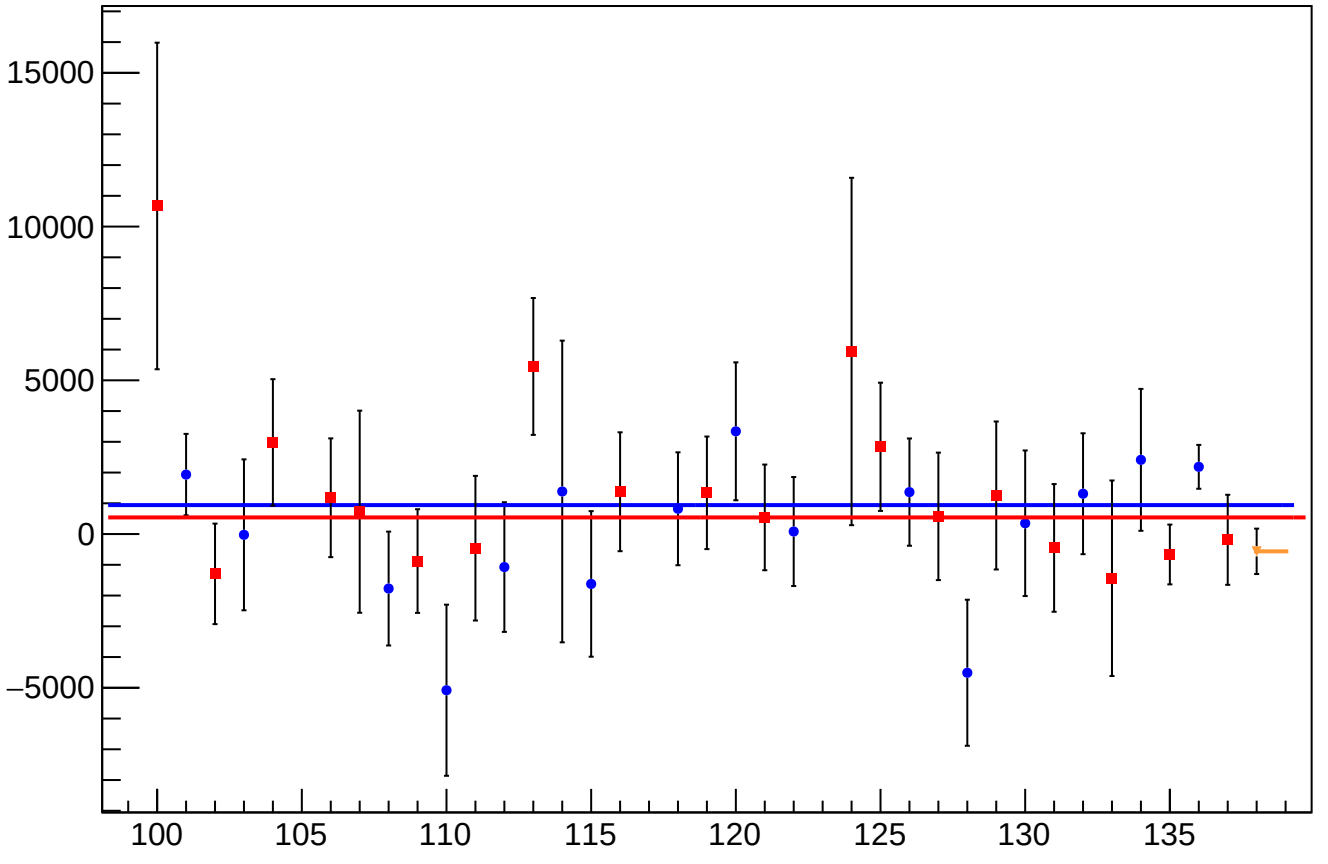
Right Out: 1282.365+/-0.340 χ^2/NDF: 322078.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1273.065+/-0.324 χ^2/NDF: 519304.0/16

All: 1277.487+/-0.234 χ^2/NDF: 841775.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 941.759+/-425.837 χ^2/NDF: 19.9/15

Left Out: -562.194+/-738.440 χ^2/NDF:0.0/0

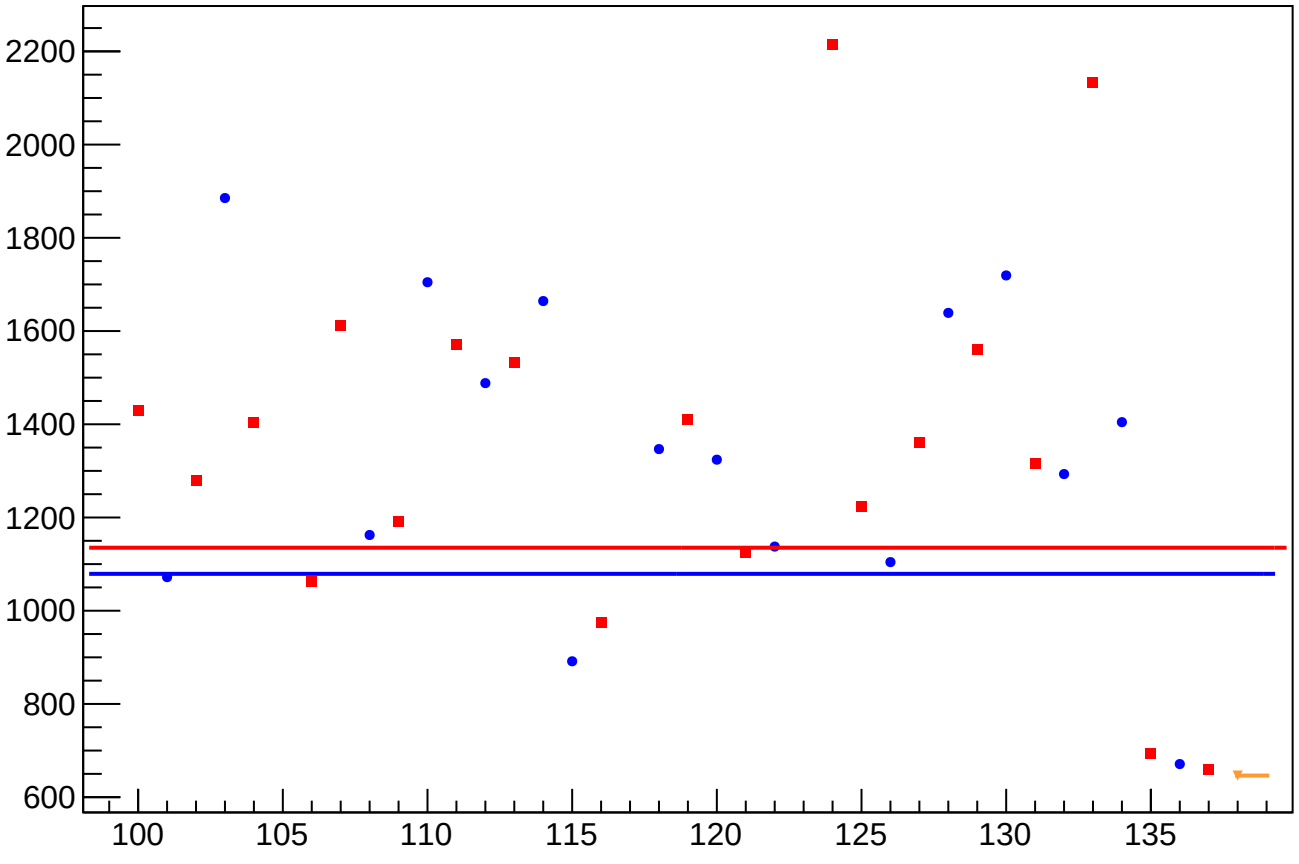
Right Out: 540.622+/-439.905 χ^2/NDF: 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 566.435+/-368.894 χ^2/NDF: 23.0/16

All: 555.778+/-282.662 χ^2/NDF: 40.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1079.120+/-0.301 χ^2/NDF: 1482232.0/15

Left Out: 646.394+/-0.522 χ^2/NDF:0.0/0

Right Out: 1135.161+/-0.311 χ^2/NDF: 1293082.2/18

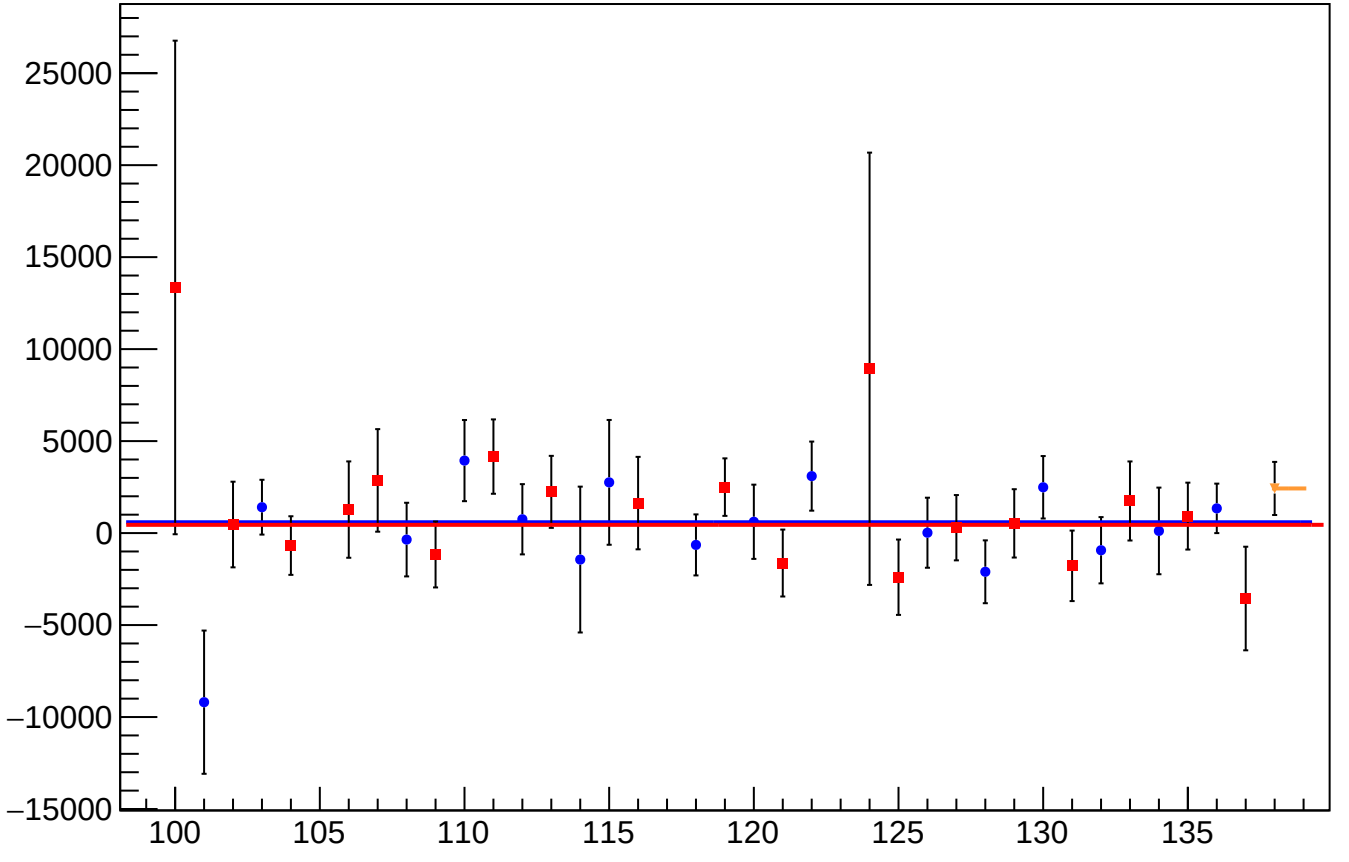
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 971.129+/-0.261 χ^2/NDF: 1997628.9/16

All: 1038.854+/-0.200 χ^2/NDF: 3453978.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 587.254+/-482.434 χ^2/NDF: 17.1/15

Left Out: 2425.697+/-1443.726 χ^2/NDF:0.0/0

Right Out: 448.412+/-481.333 χ^2/NDF: 16.8/18

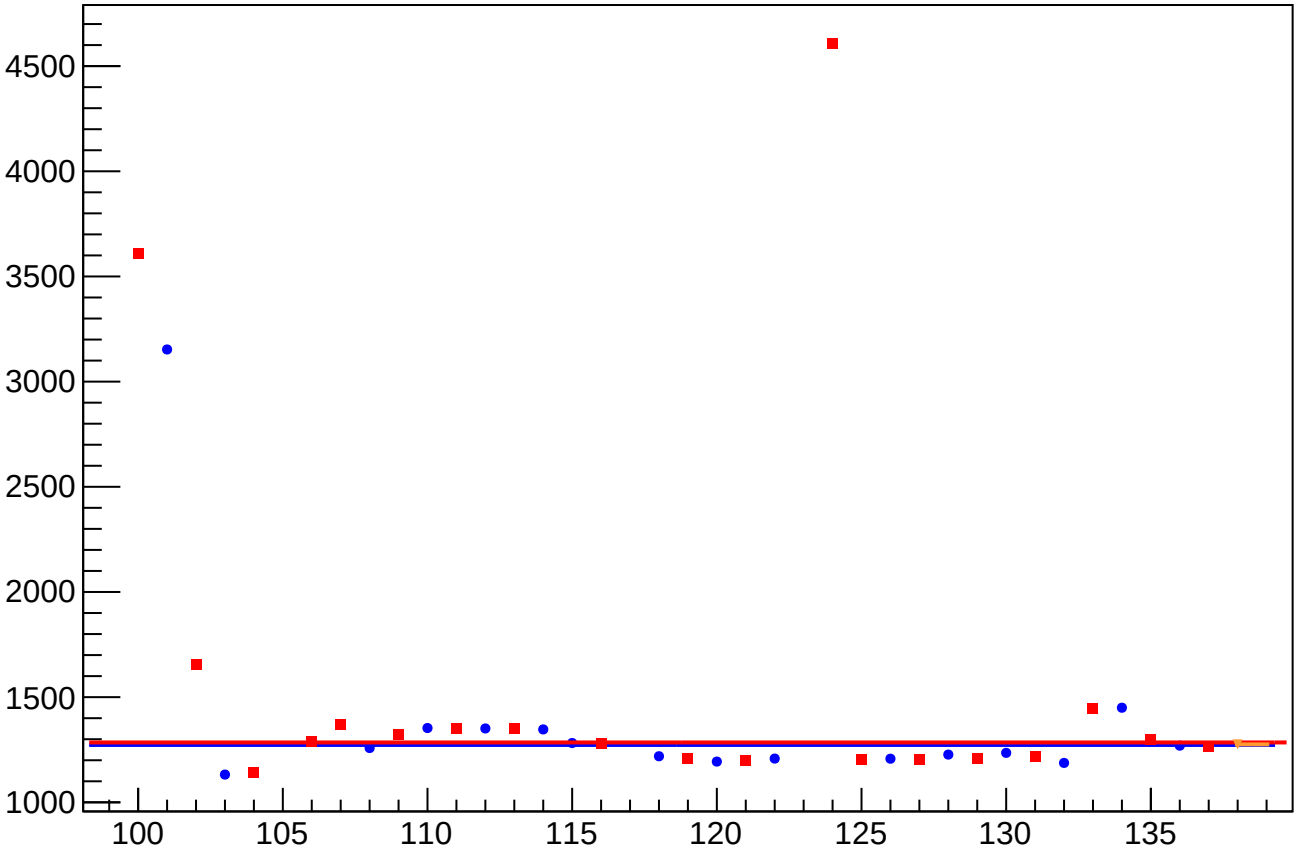
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 771.919+/-457.563 χ^2/NDF: 18.5/16

All: 618.350+/-331.631 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1272.804+/-0.341 χ^2/NDF: 519299.6/15

Left Out: 1275.395+/-1.021 χ^2/NDF:0.0/0

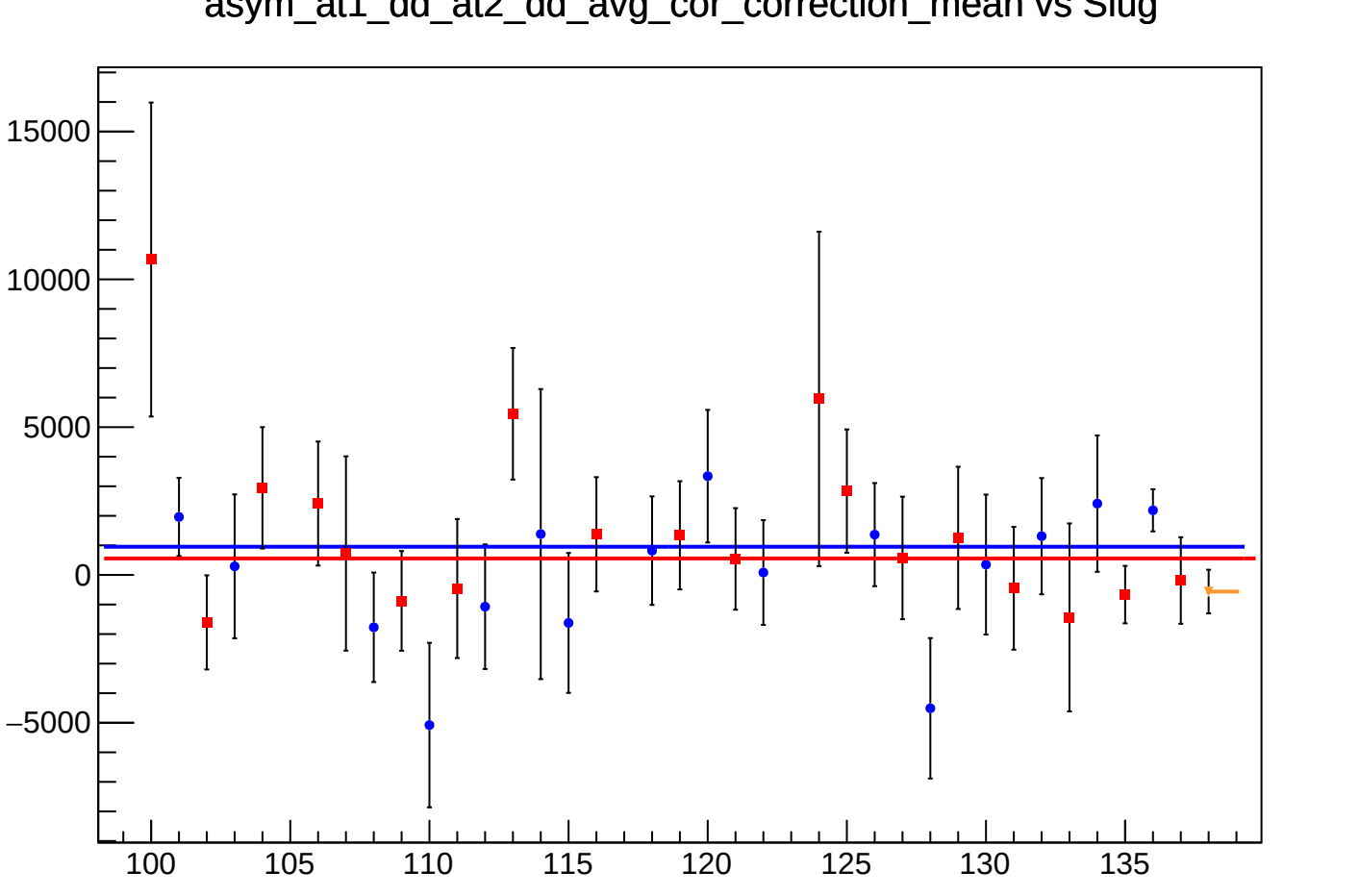
Right Out: 1284.654+/-0.340 χ^2/NDF: 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1273.064+/-0.324 χ^2/NDF: 519305.4/16

All: 1278.566+/-0.234 χ^2/NDF: 848649.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 954.146+/-425.660 χ^2/NDF: 19.9/15

Left Out: -562.133+/-738.438 χ^2/NDF:0.0/0

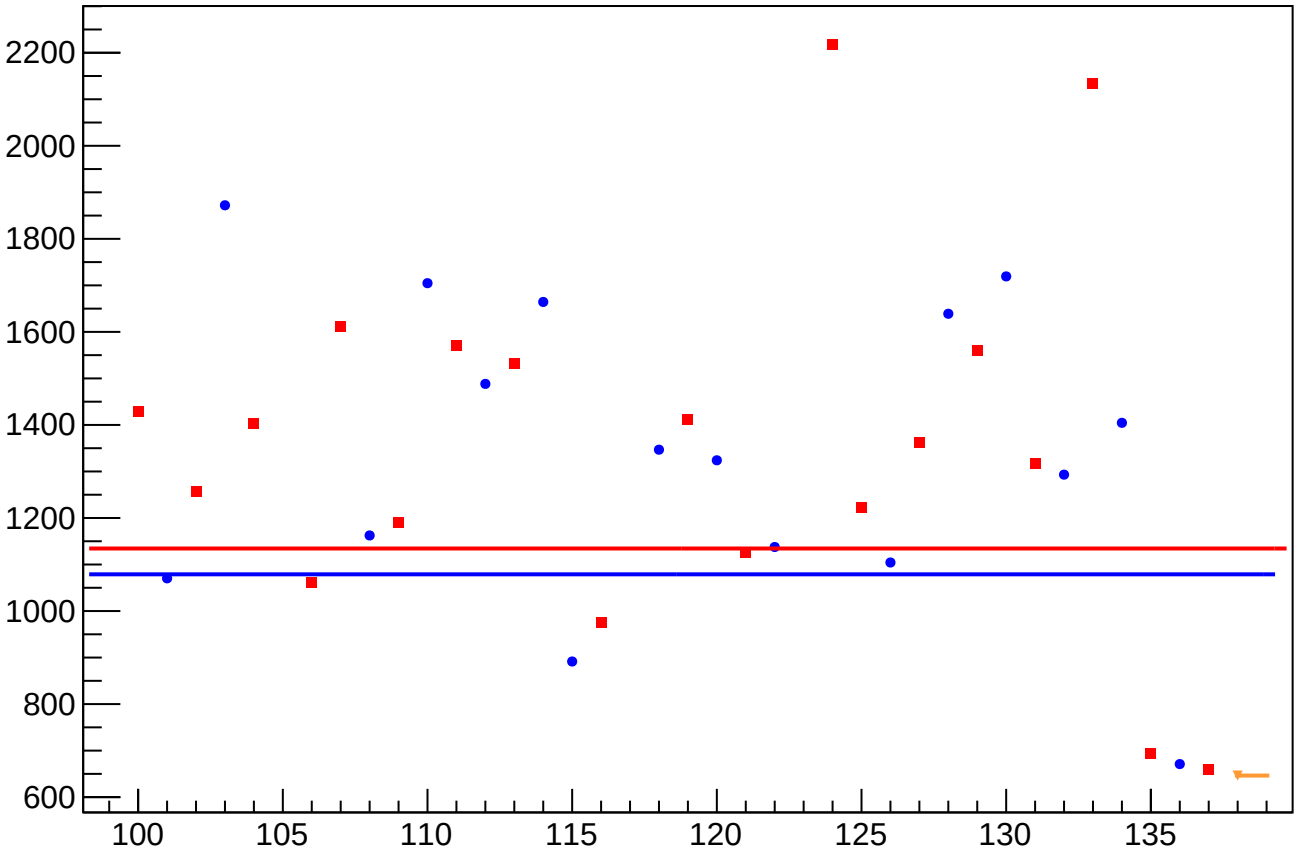
Right Out: 557.935+/-440.758 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 575.979+/-368.779 χ^2/NDF: 23.0/16

All: 568.549+/-282.836 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1078.932+/-0.301 χ^2/NDF: 1478719.9/15

Left Out: 646.391+/-0.522 χ^2/NDF:0.0/0

Right Out: 1134.428+/-0.312 χ^2/NDF: 1288899.2/18

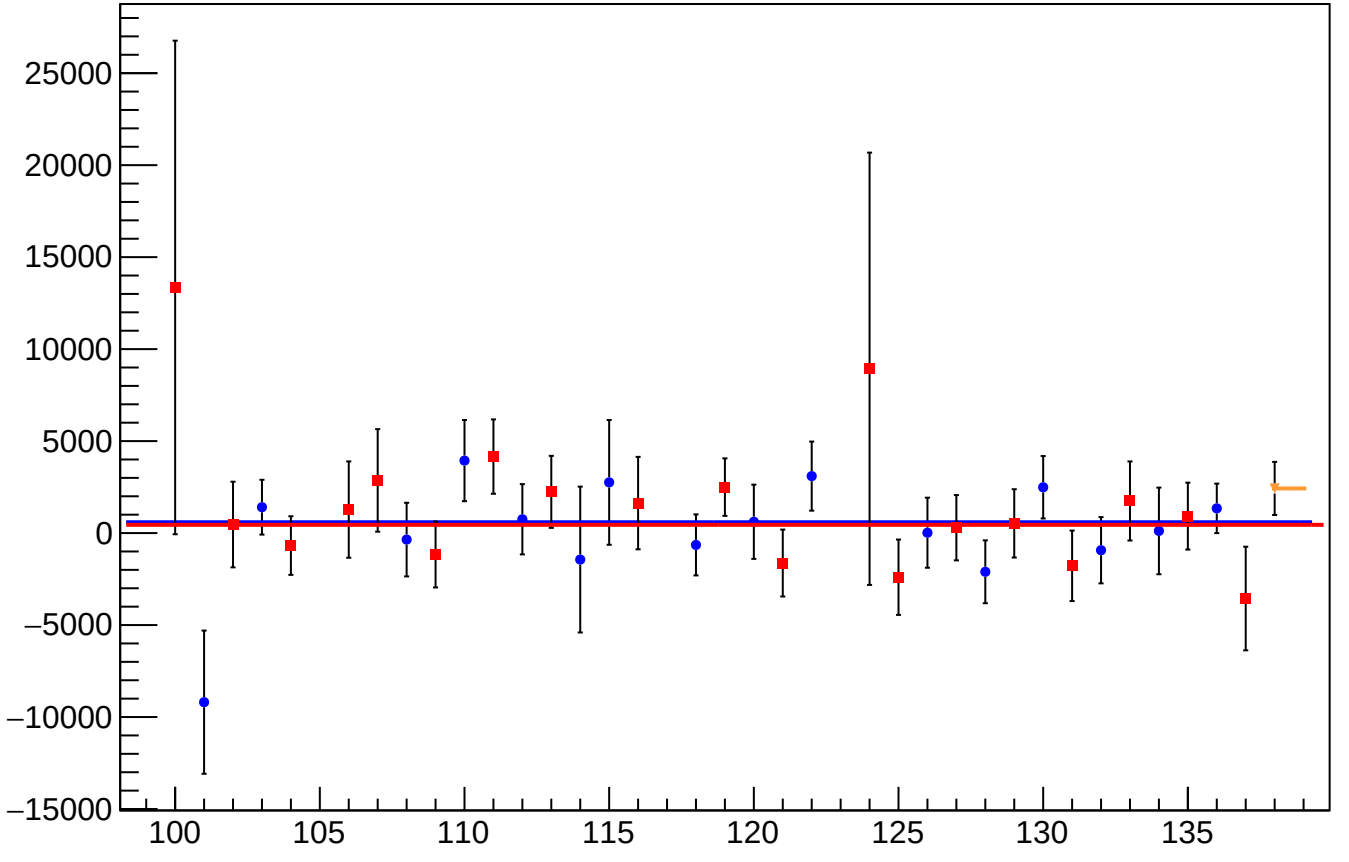
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 971.054+/-0.261 χ^2/NDF: 1993786.0/16

All: 1038.329+/-0.200 χ^2/NDF: 3444318.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 587.254+/-482.434 χ^2/NDF: 17.1/15

Left Out: 2425.697+/-1443.726 χ^2/NDF:0.0/0

Right Out: 448.412+/-481.333 χ^2/NDF: 16.8/18

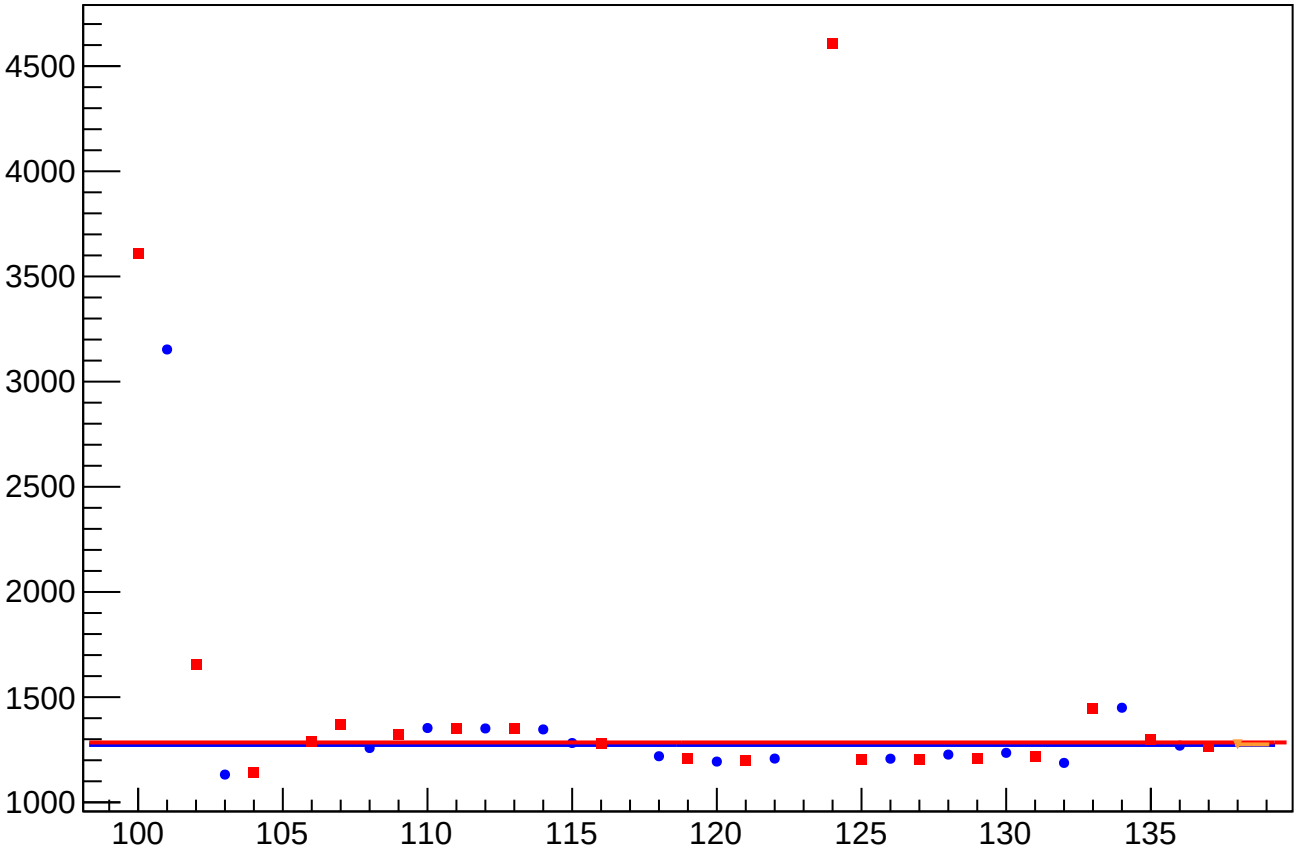
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 771.919+/-457.563 χ^2/NDF: 18.5/16

All: 618.350+/-331.631 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1272.804+/-0.341 χ^2/NDF: 519299.6/15

Left Out: 1275.395+/-1.021 χ^2/NDF:0.0/0

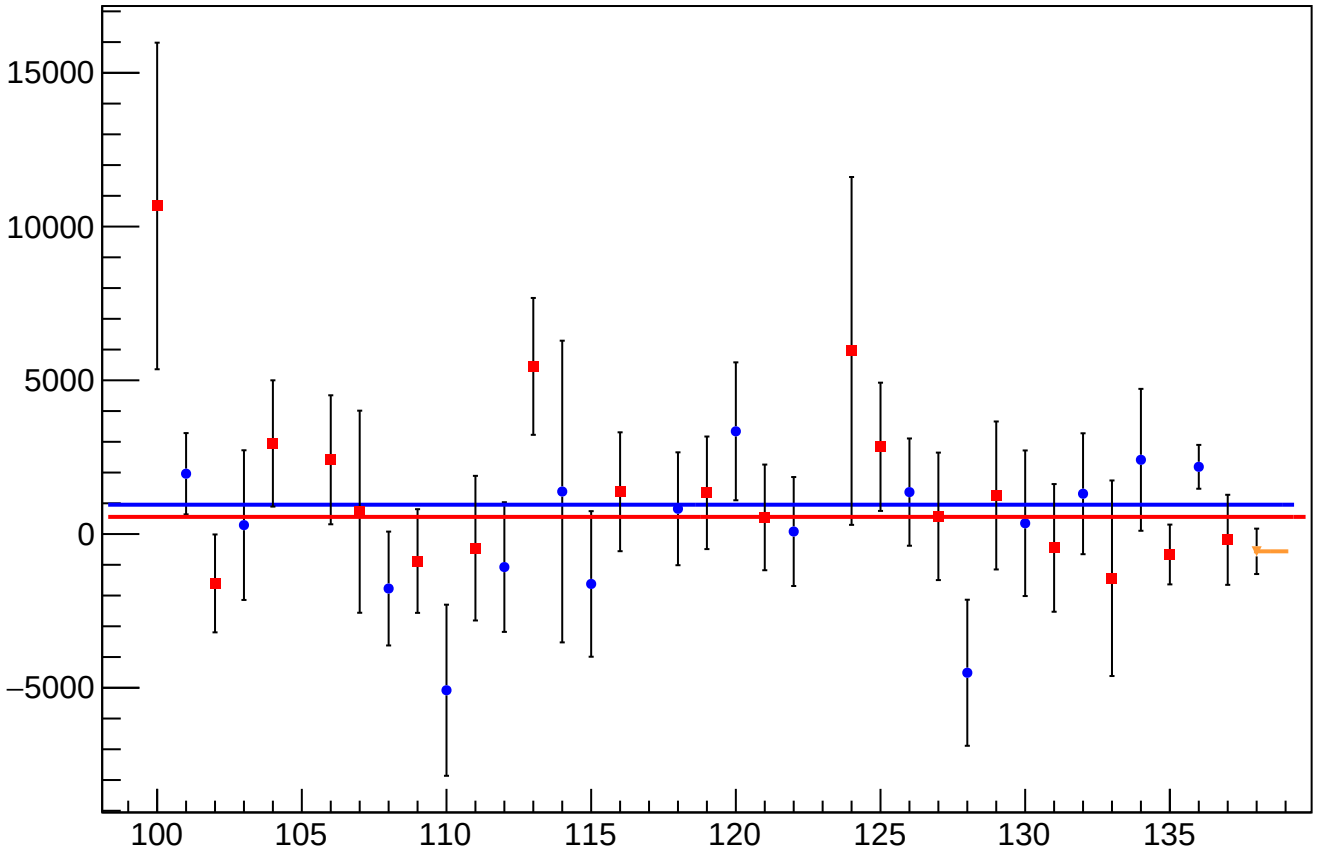
Right Out: 1284.654+/-0.340 χ^2/NDF: 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1273.064+/-0.324 χ^2/NDF: 519305.4/16

All: 1278.566+/-0.234 χ^2/NDF: 848649.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 954.146+/-425.660 χ^2/NDF: 19.9/15

Left Out: -562.133+/-738.438 χ^2/NDF:0.0/0

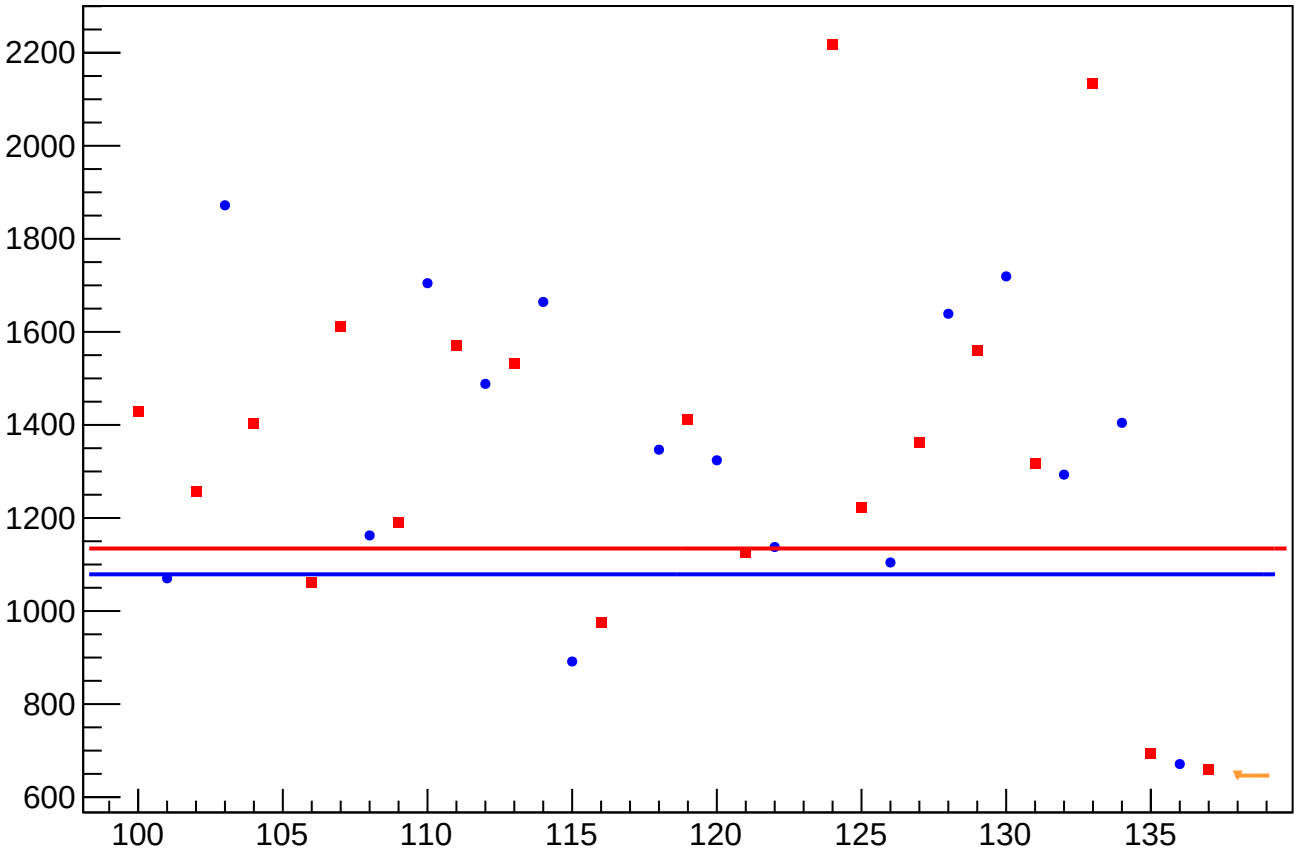
Right Out: 557.935+/-440.758 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 575.979+/-368.779 χ^2/NDF: 23.0/16

All: 568.549+/-282.836 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1078.932+/-0.301 χ^2/NDF: 1478719.9/15

Left Out: 646.391+/-0.522 χ^2/NDF:0.0/0

Right Out: 1134.428+/-0.312 χ^2/NDF: 1288899.2/18

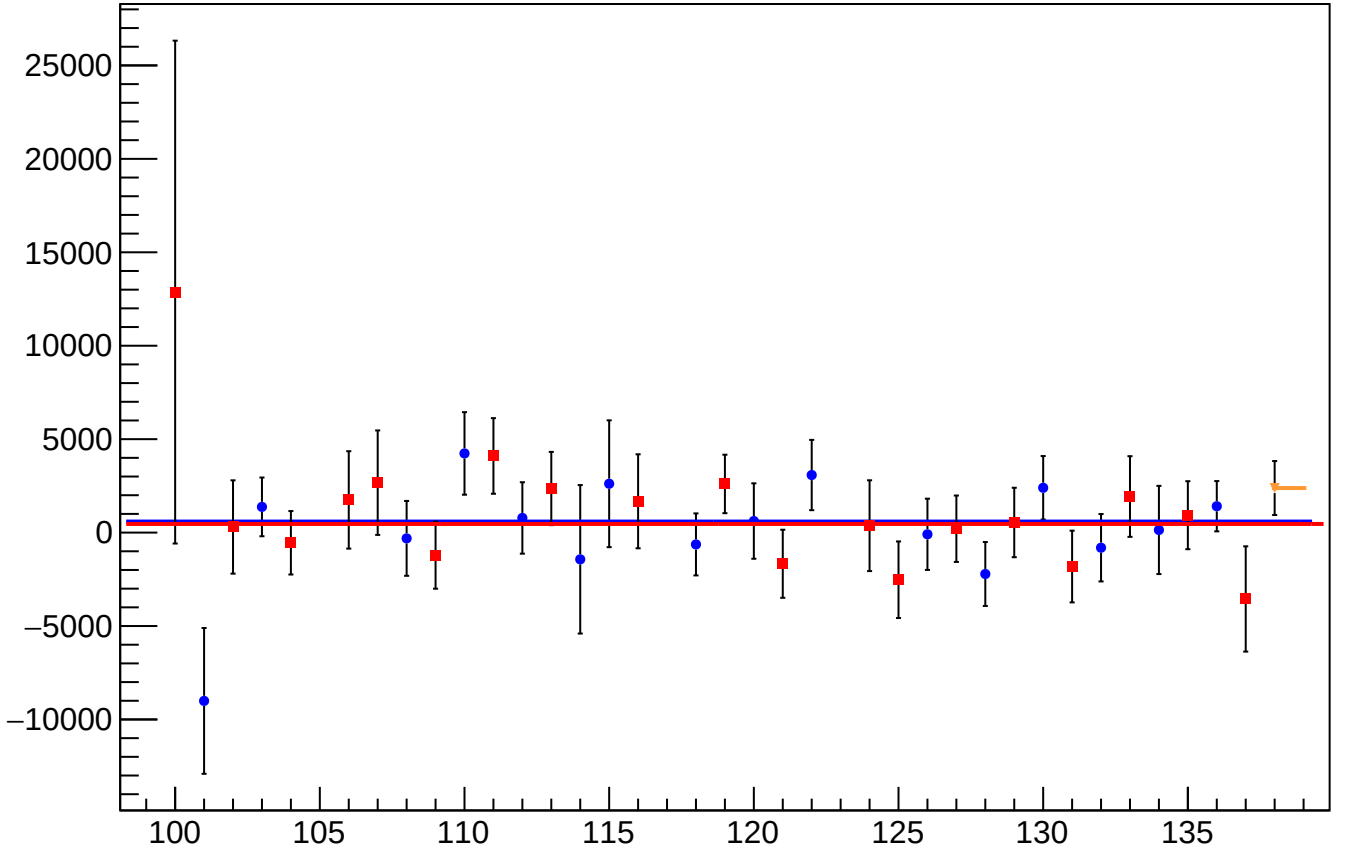
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 971.054+/-0.261 χ^2/NDF: 1993786.0/16

All: 1038.329+/-0.200 χ^2/NDF: 3444318.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 590.322+/-485.483 χ^2/NDF: 17.1/15

Left Out: 2384.217+/-1444.310 χ^2/NDF:0.0/0

Right Out: 462.606+/-476.795 χ^2/NDF: 16.7/18

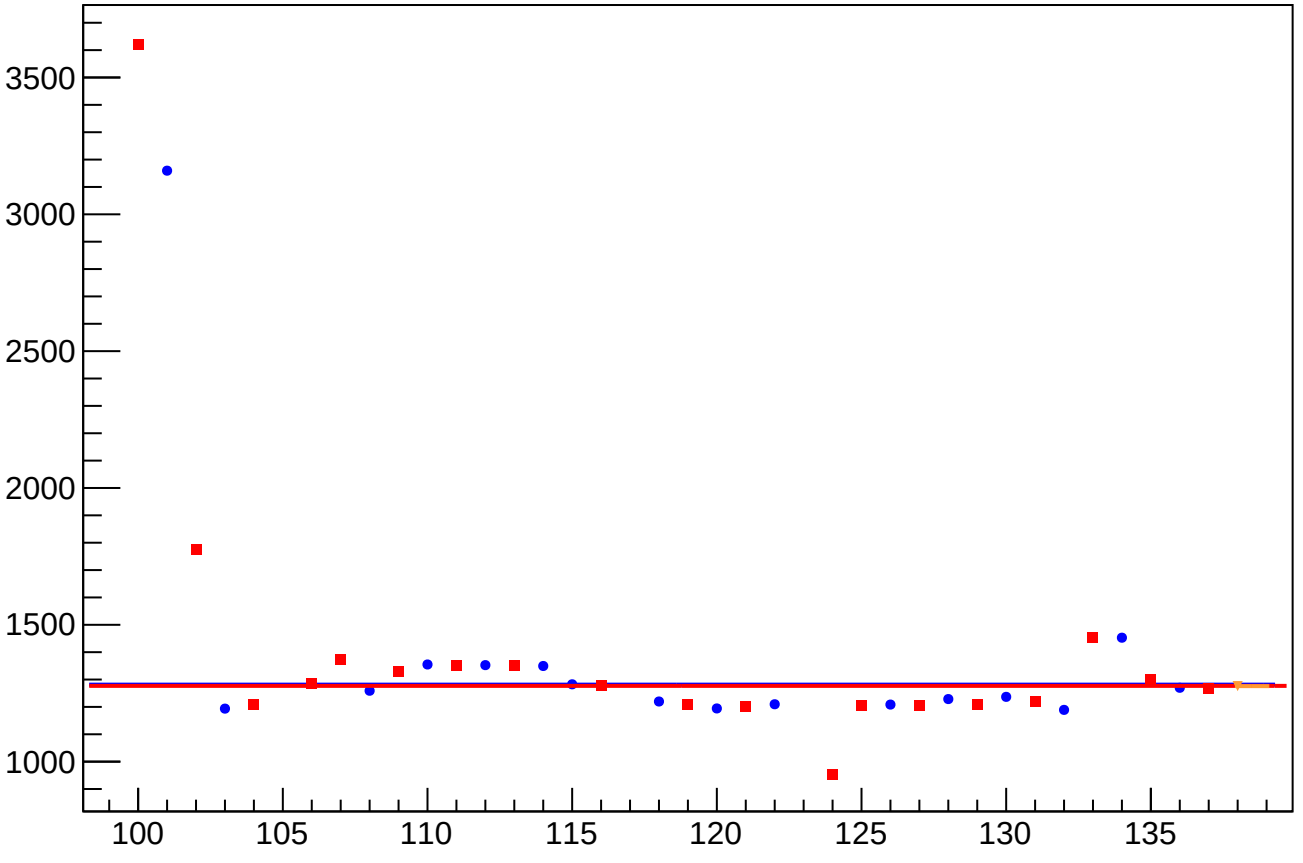
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 772.432+/-460.181 χ^2/NDF: 18.5/16

All: 623.011+/-331.115 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1281.369+/-0.343 χ^2/NDF: 507078.4/15

Left Out: 1275.911+/-1.021 χ^2/NDF:0.0/0

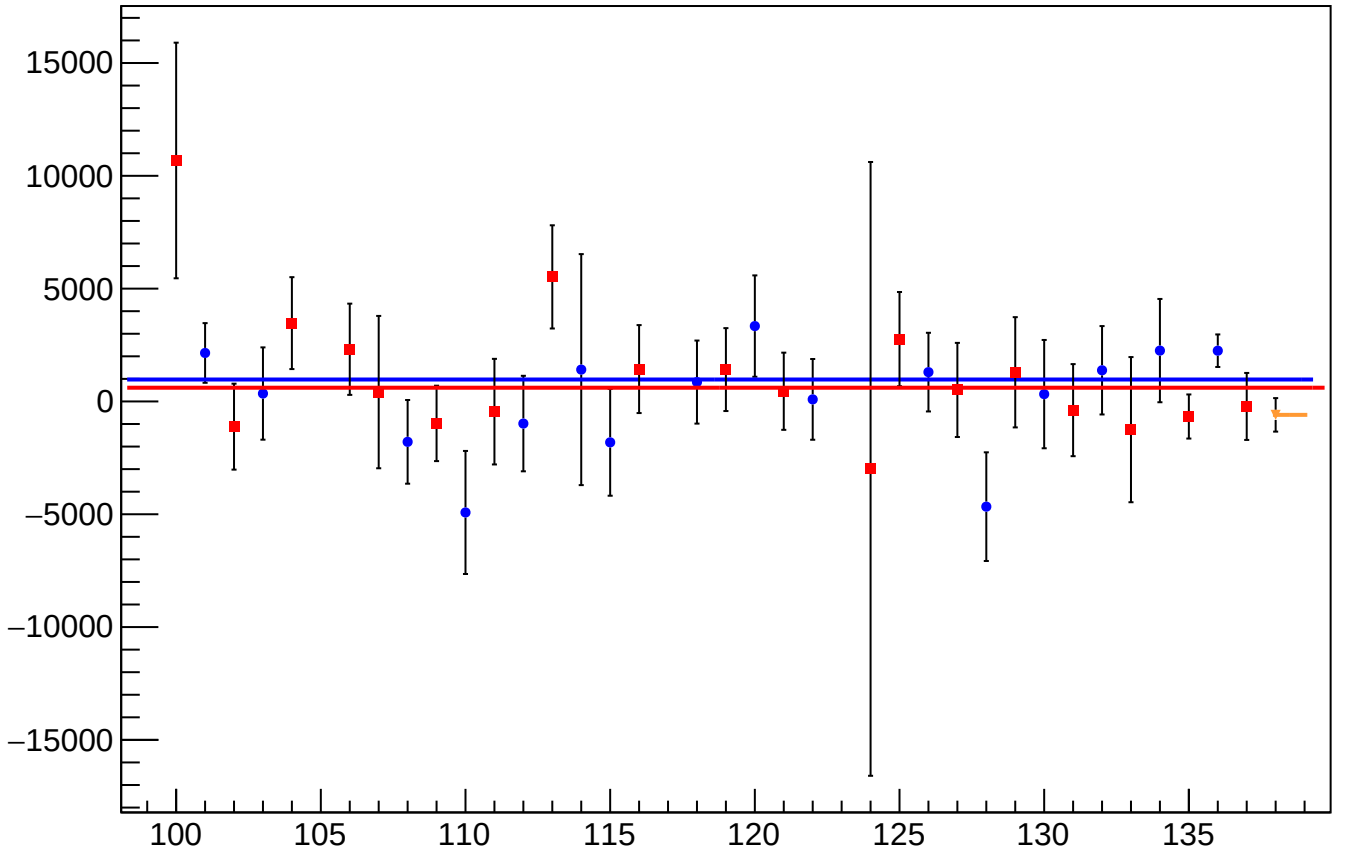
Right Out: 1276.860+/-0.337 χ^2/NDF: 220513.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1280.815+/-0.325 χ^2/NDF: 507104.1/16

All: 1278.908+/-0.234 χ^2/NDF: 727688.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 972.287+/-425.219 χ^2/NDF: 20.4/15

Left Out: -594.940+/-742.591 χ^2/NDF:0.0/0

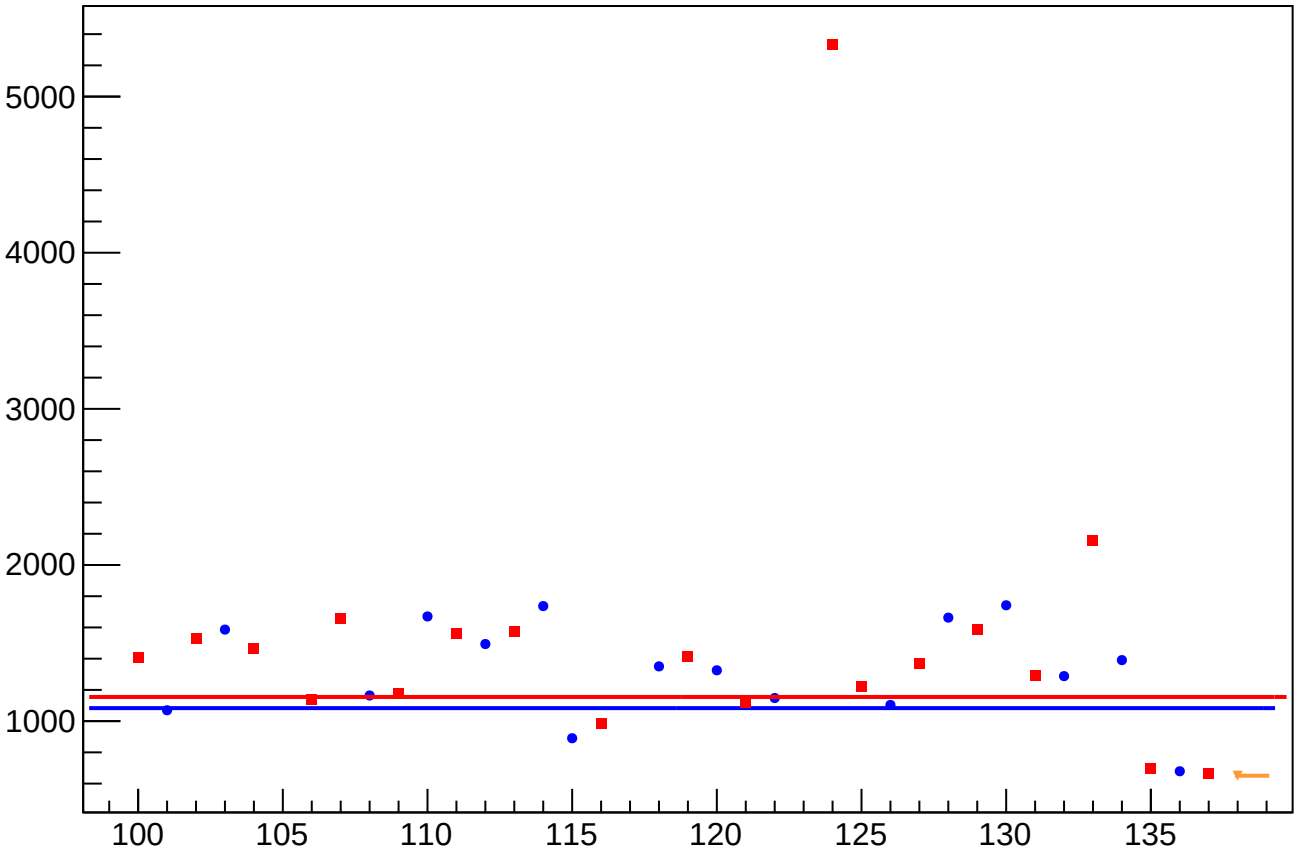
Right Out: 608.431+/-447.734 χ^2/NDF: 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 585.301+/-369.004 χ^2/NDF: 23.8/16

All: 594.657+/-284.758 χ^2/NDF: 40.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1083.335+/-0.301 χ^2/NDF: 1360153.3/15

Left Out: 650.391+/-0.525 χ^2/NDF:0.0/0

Right Out: 1154.724+/-0.317 χ^2/NDF: 1488304.5/18

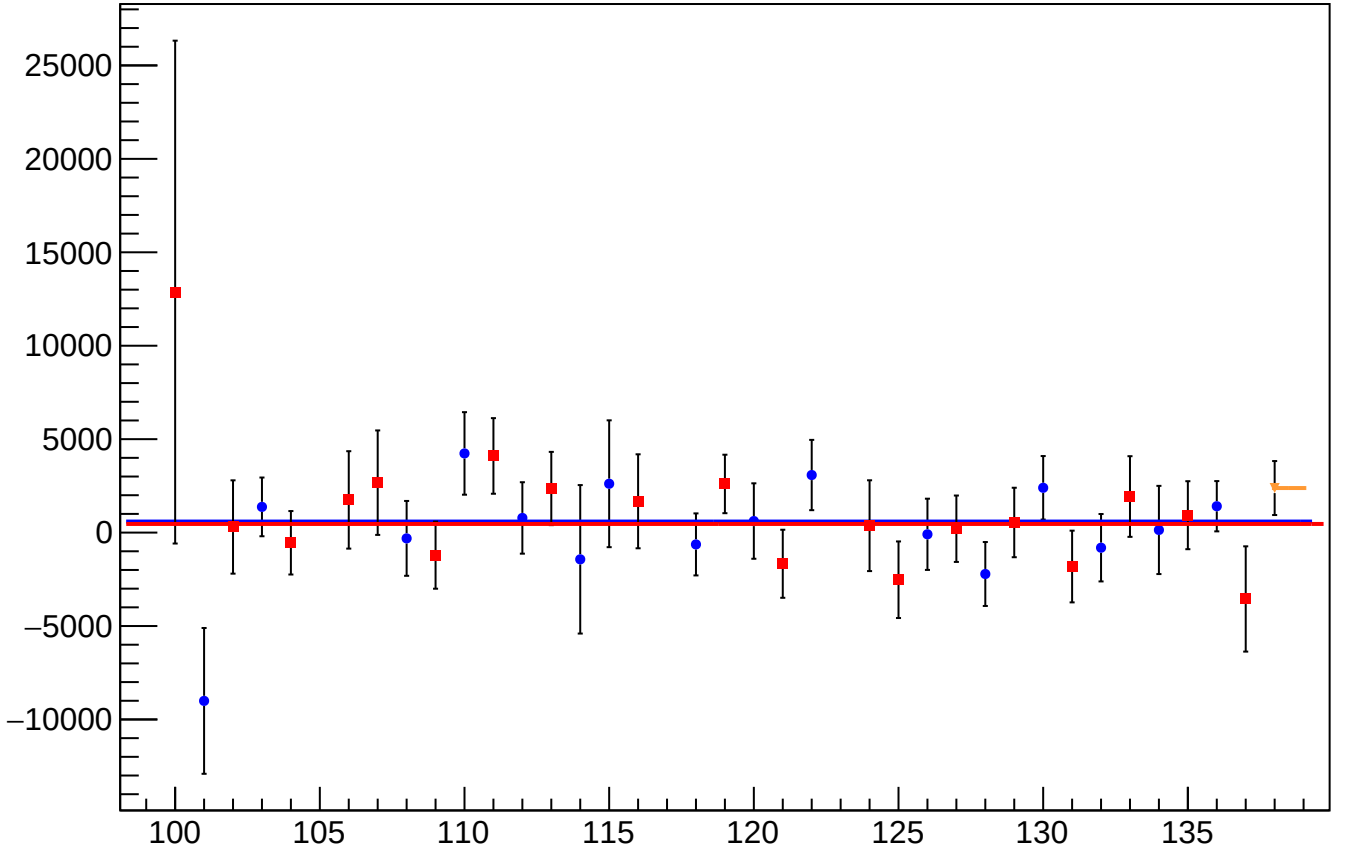
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 976.430+/-0.261 χ^2/NDF: 1872107.7/16

All: 1048.549+/-0.201 χ^2/NDF: 3549276.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 590.323+/-485.483 χ^2/NDF: 17.1/15

Left Out: 2384.200+/-1444.310 χ^2/NDF:0.0/0

Right Out: 462.605+/-476.795 χ^2/NDF: 16.7/18

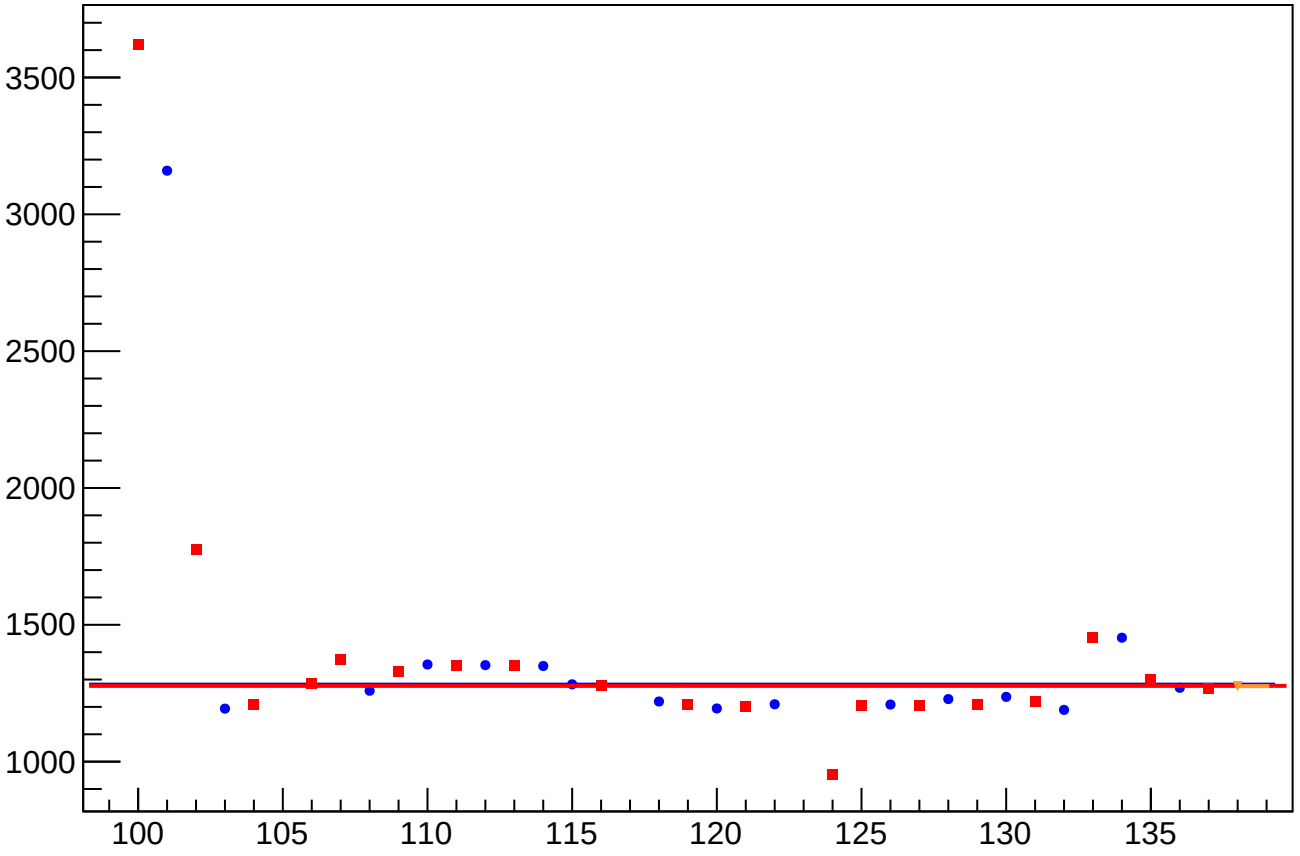
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 772.431+/-460.181 χ^2/NDF: 18.5/16

All: 623.010+/-331.115 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1281.369+/-0.343 χ^2/NDF: 507078.6/15

Left Out: 1275.911+/-1.021 χ^2/NDF:0.0/0

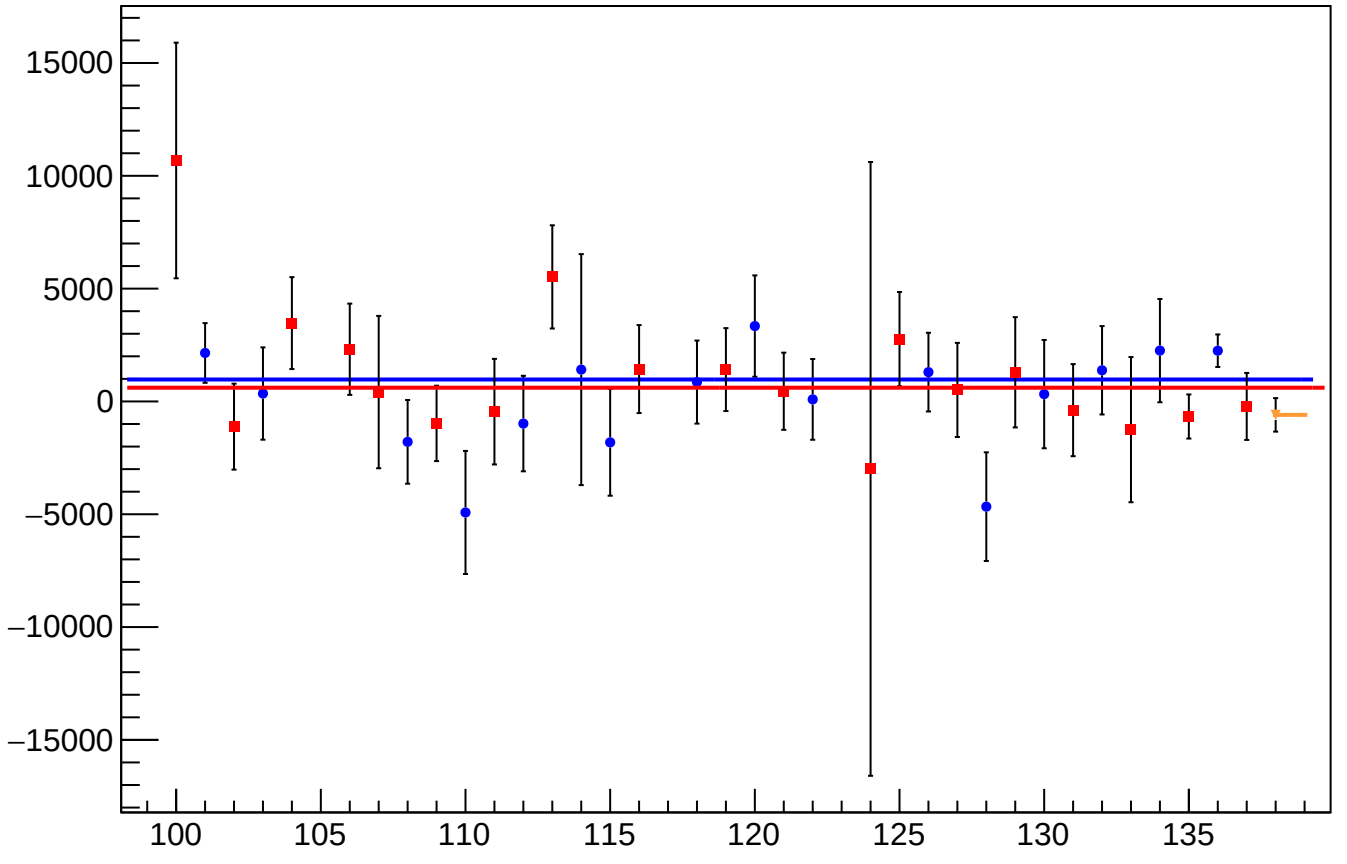
Right Out: 1276.860+/-0.337 χ^2/NDF: 220513.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1280.815+/-0.325 χ^2/NDF: 507104.2/16

All: 1278.907+/-0.234 χ^2/NDF: 727689.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 972.281+/-425.220 χ^2/NDF: 20.4/15

Left Out: -594.955+/-742.606 χ^2/NDF:0.0/0

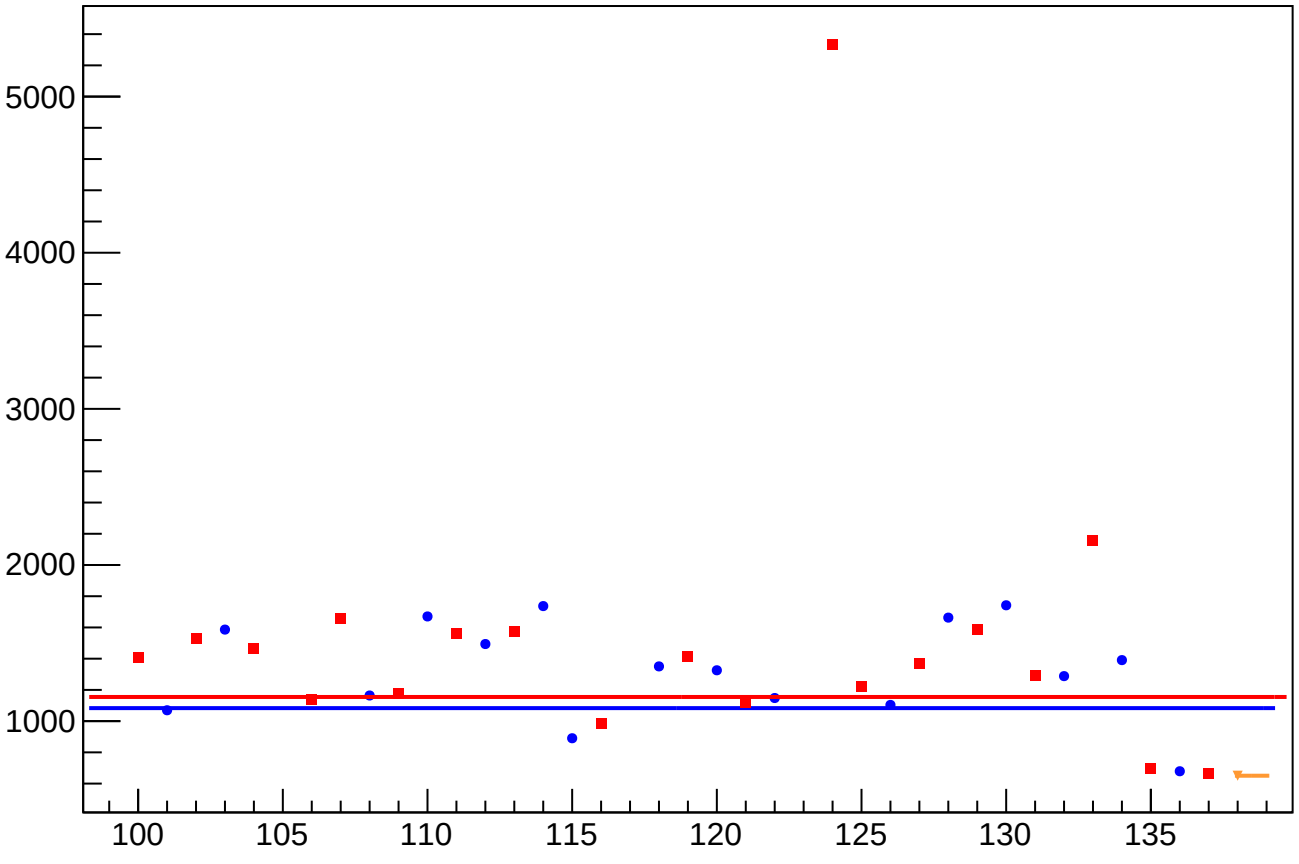
Right Out: 608.441+/-447.736 χ^2/NDF: 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 585.302+/-369.007 χ^2/NDF: 23.8/16

All: 594.662+/-284.759 χ^2/NDF: 40.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1083.341+/-0.301 χ^2/NDF: 1360095.7/15

Left Out: 650.404+/-0.525 χ^2/NDF:0.0/0

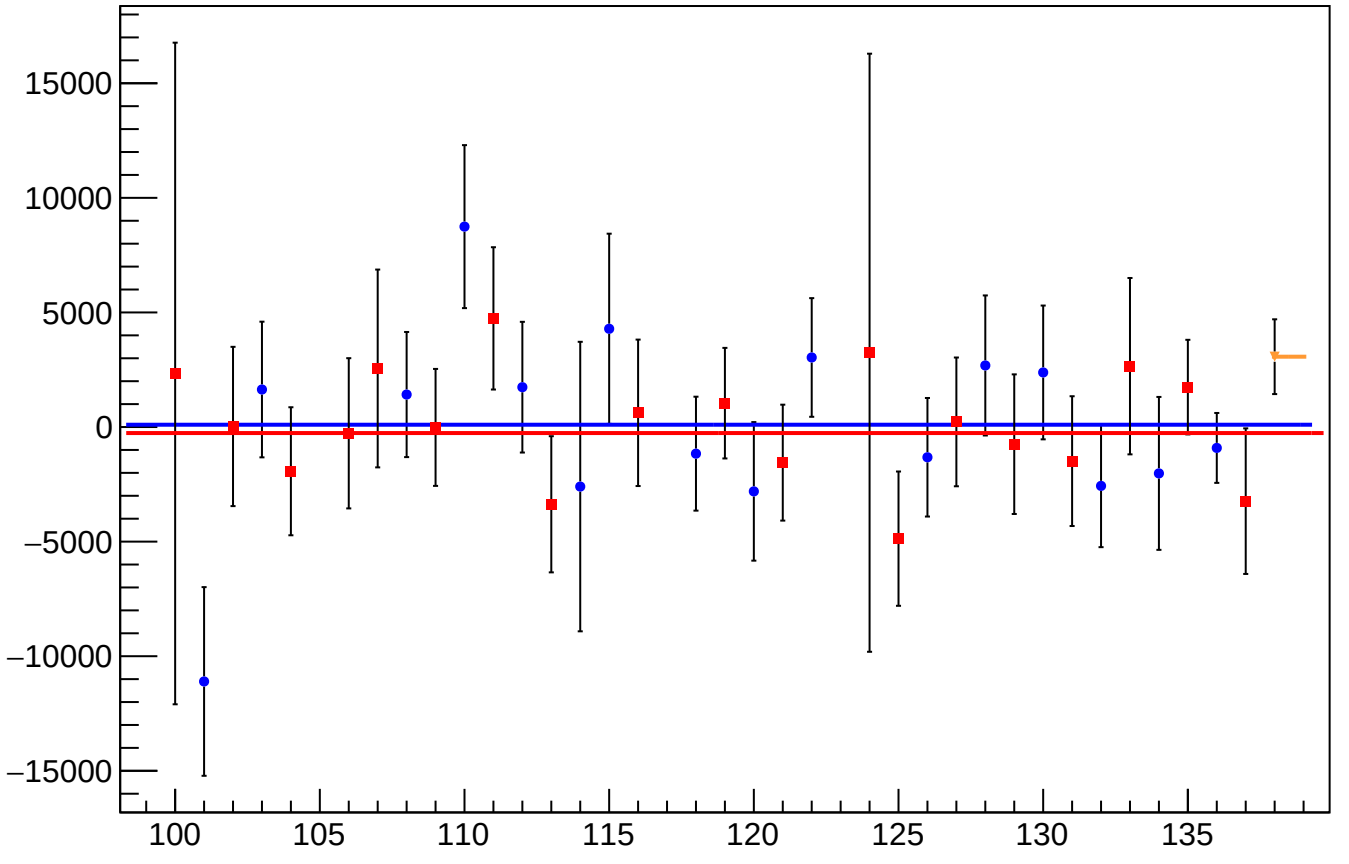
Right Out: 1154.732+/-0.317 χ^2/NDF: 1488251.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 976.441+/-0.261 χ^2/NDF: 1872019.6/16

All: 1048.558+/-0.201 χ^2/NDF: 3549126.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 100.451+/-698.983 χ^2/NDF: 21.3/15

Left Out: 3069.028+/-1631.453 χ^2/NDF:0.0/0

Right Out: -262.731+/-699.724 χ^2/NDF: 10.3/18

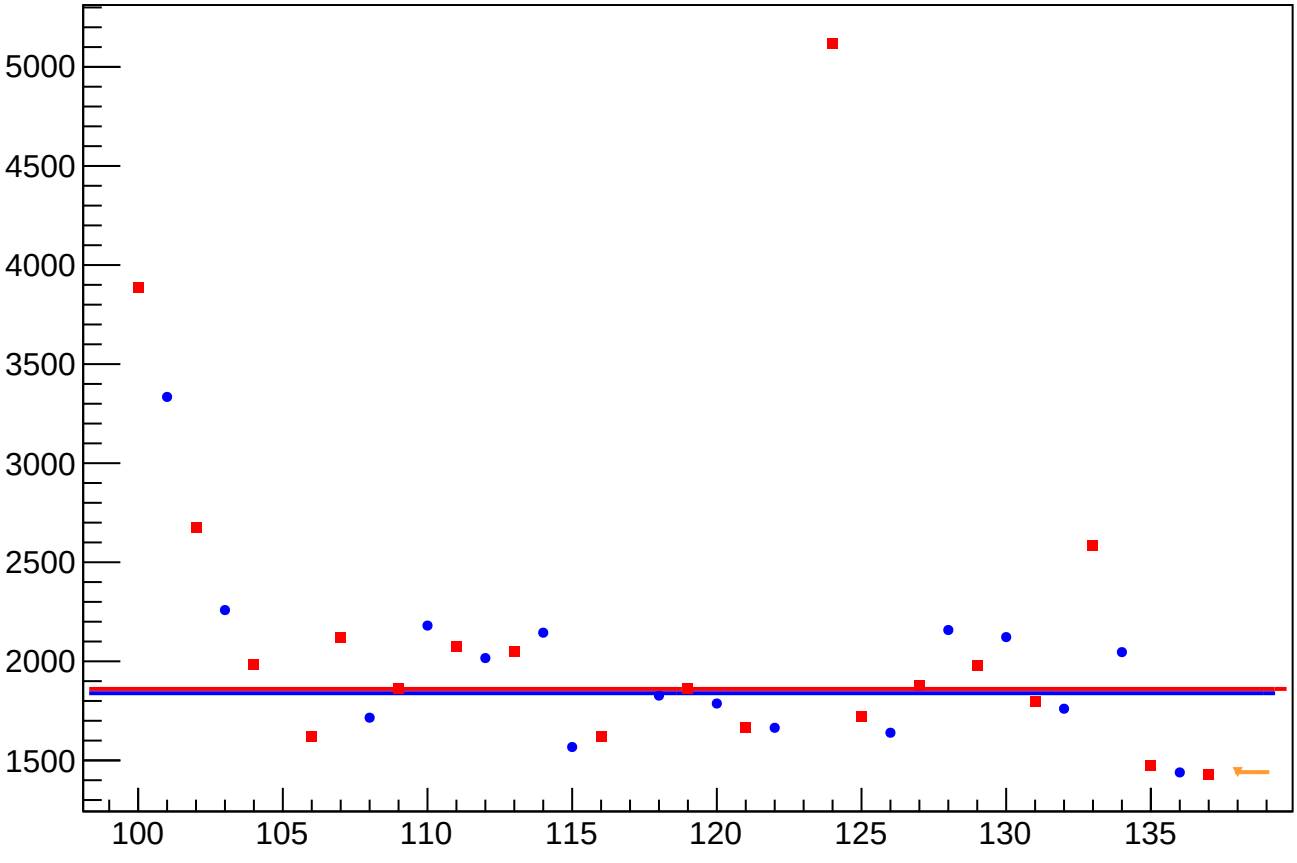
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 560.858+/-642.497 χ^2/NDF: 24.1/16

All: 184.114+/-473.254 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1839.113+/-0.494 χ^2/NDF: 556725.4/15

Left Out: 1440.854+/-1.154 χ^2/NDF:0.0/0

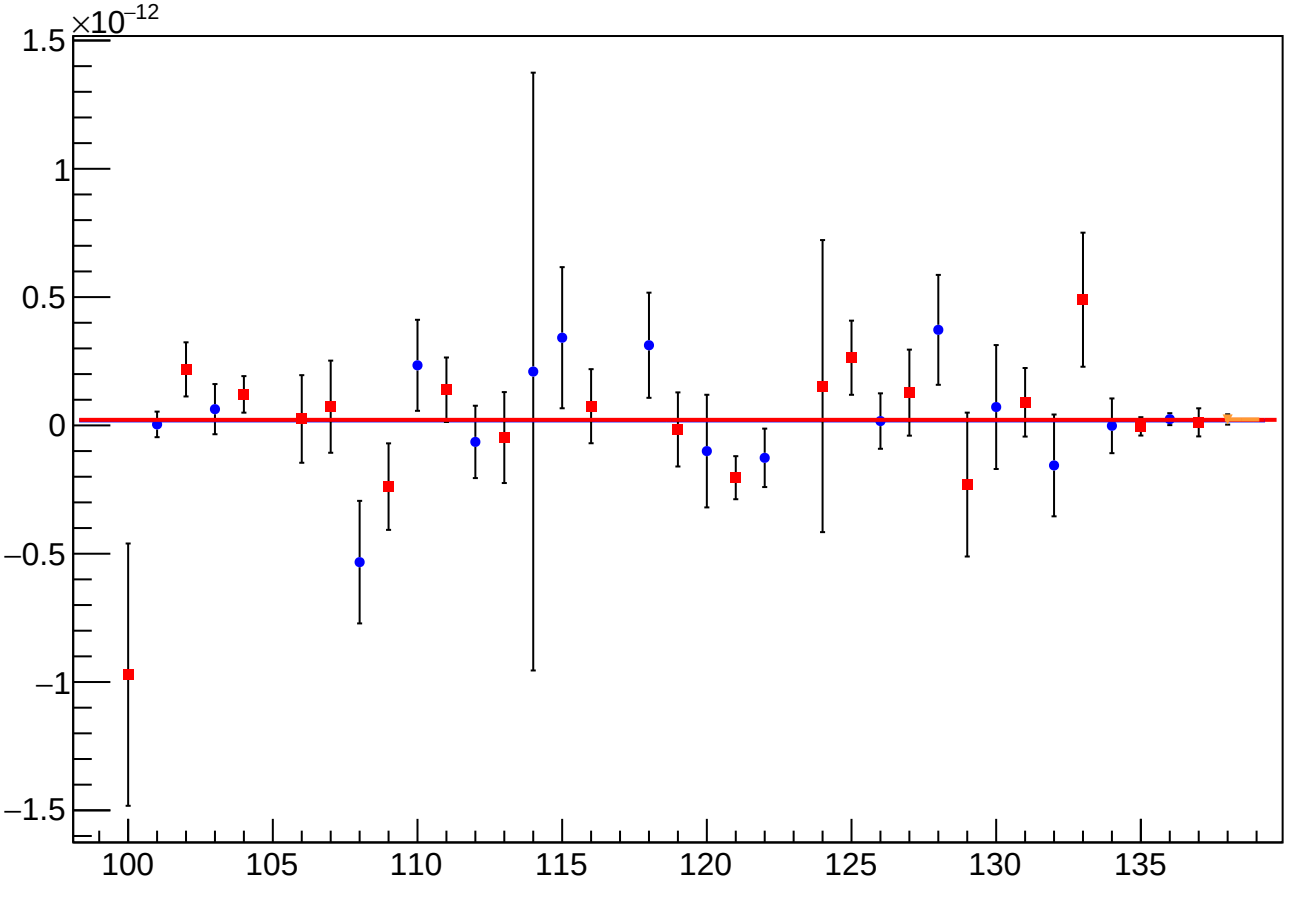
Right Out: 1860.754+/-0.495 χ^2/NDF: 522114.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1777.346+/-0.454 χ^2/NDF: 657423.8/16

All: 1815.501+/-0.335 χ^2/NDF: 1194956.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

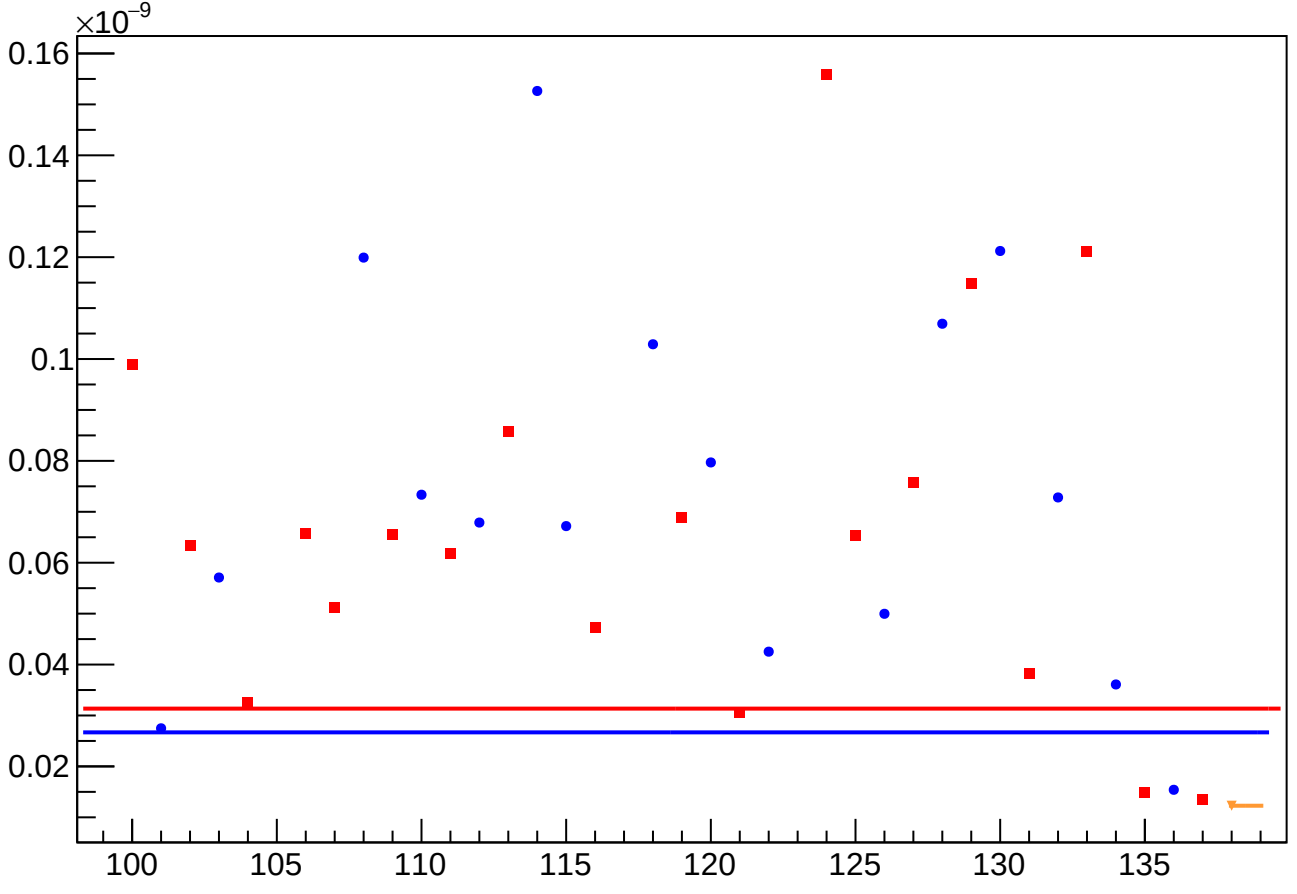
Right Out: 0.000+/-0.000 χ^2/NDF: 28.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 16.5/16

All: 0.000+/-0.000 χ^2/NDF: 44.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2580672.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

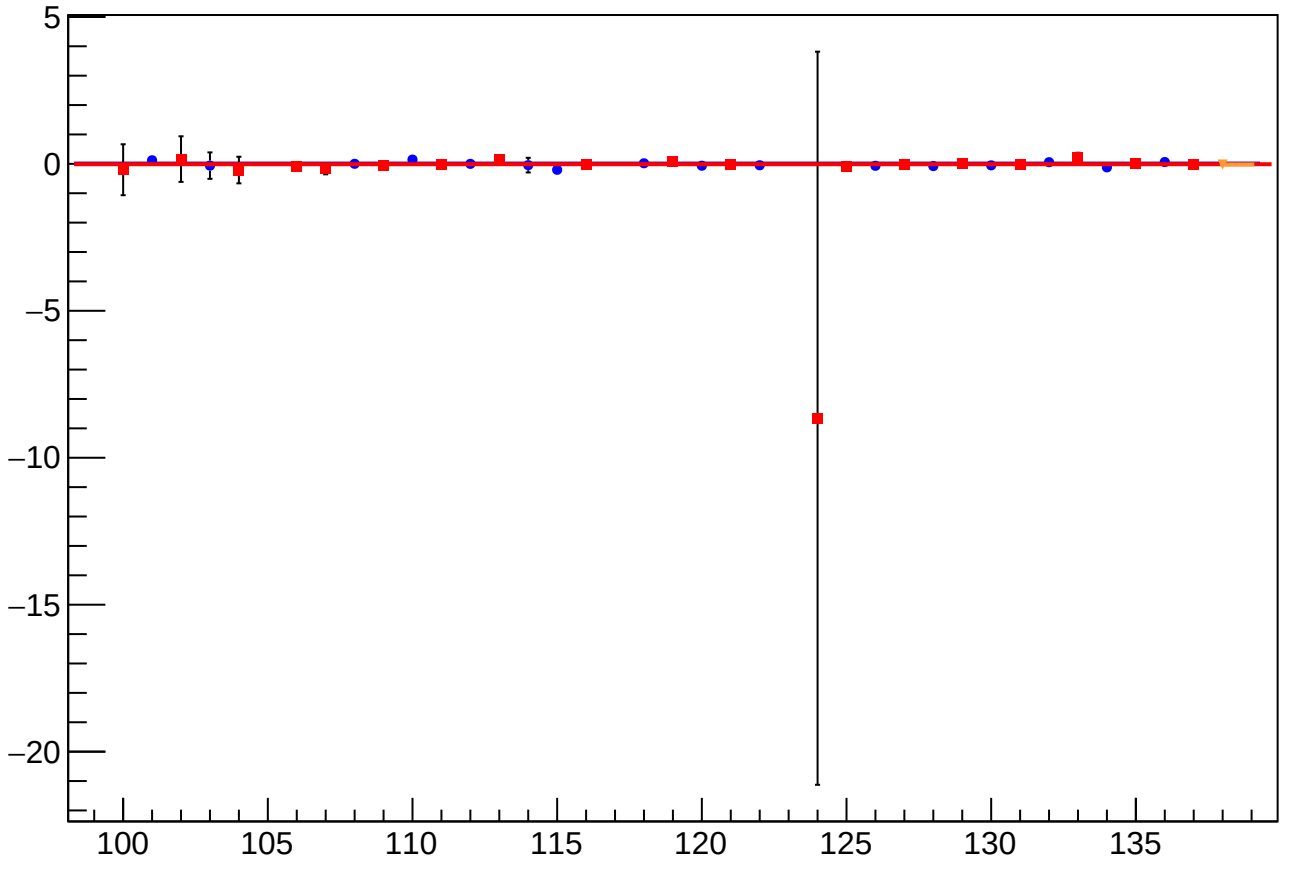
Right Out: 0.000+/-0.000 χ^2/NDF: 2275167.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3126397.5/16

All: 0.000+/-0.000 χ^2/NDF: 5777772.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

Right Out: -0.012+/-0.017 χ^2/NDF: 12.6/18

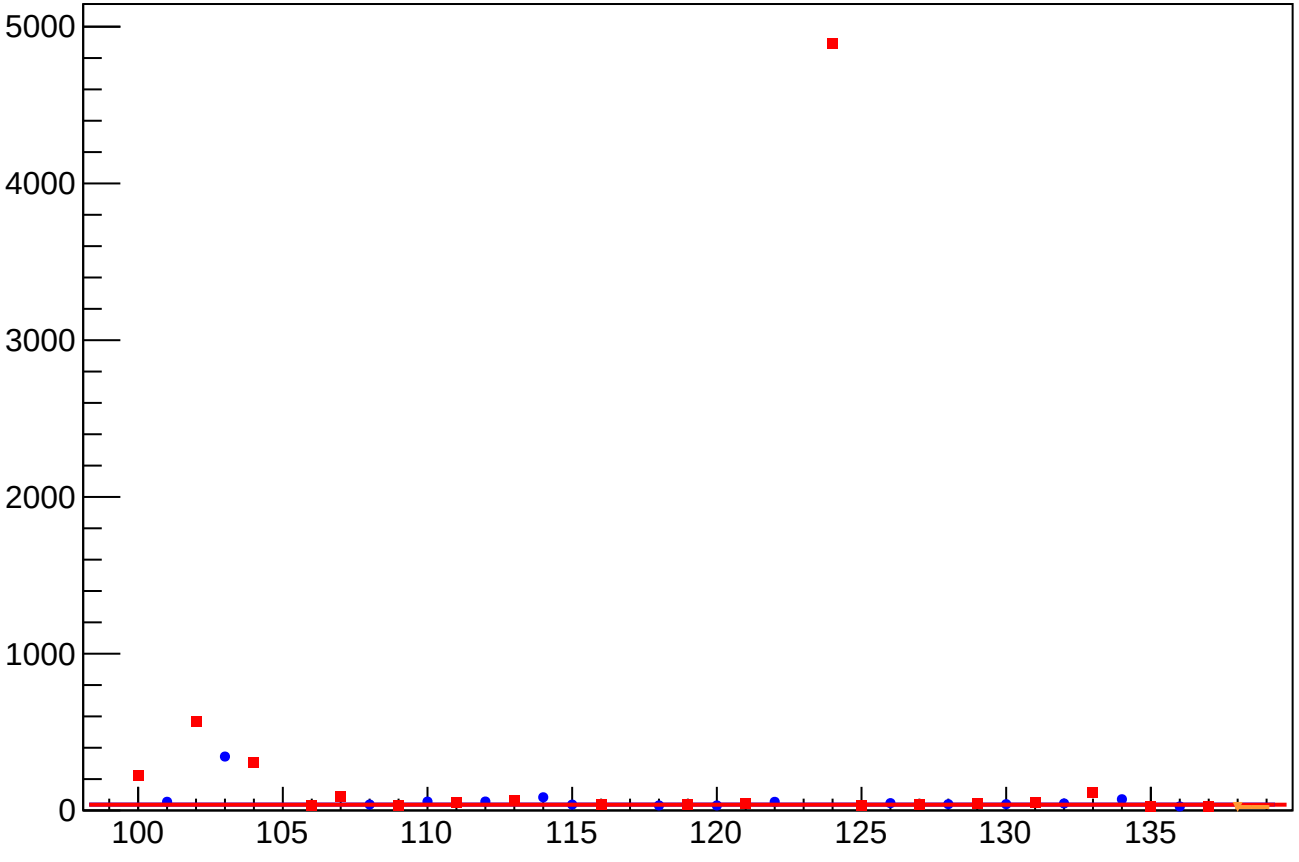
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 37.494+/-0.011 χ^2/NDF: 1983275.6/15

Left Out: 21.952+/-0.020 χ^2/NDF:0.0/0

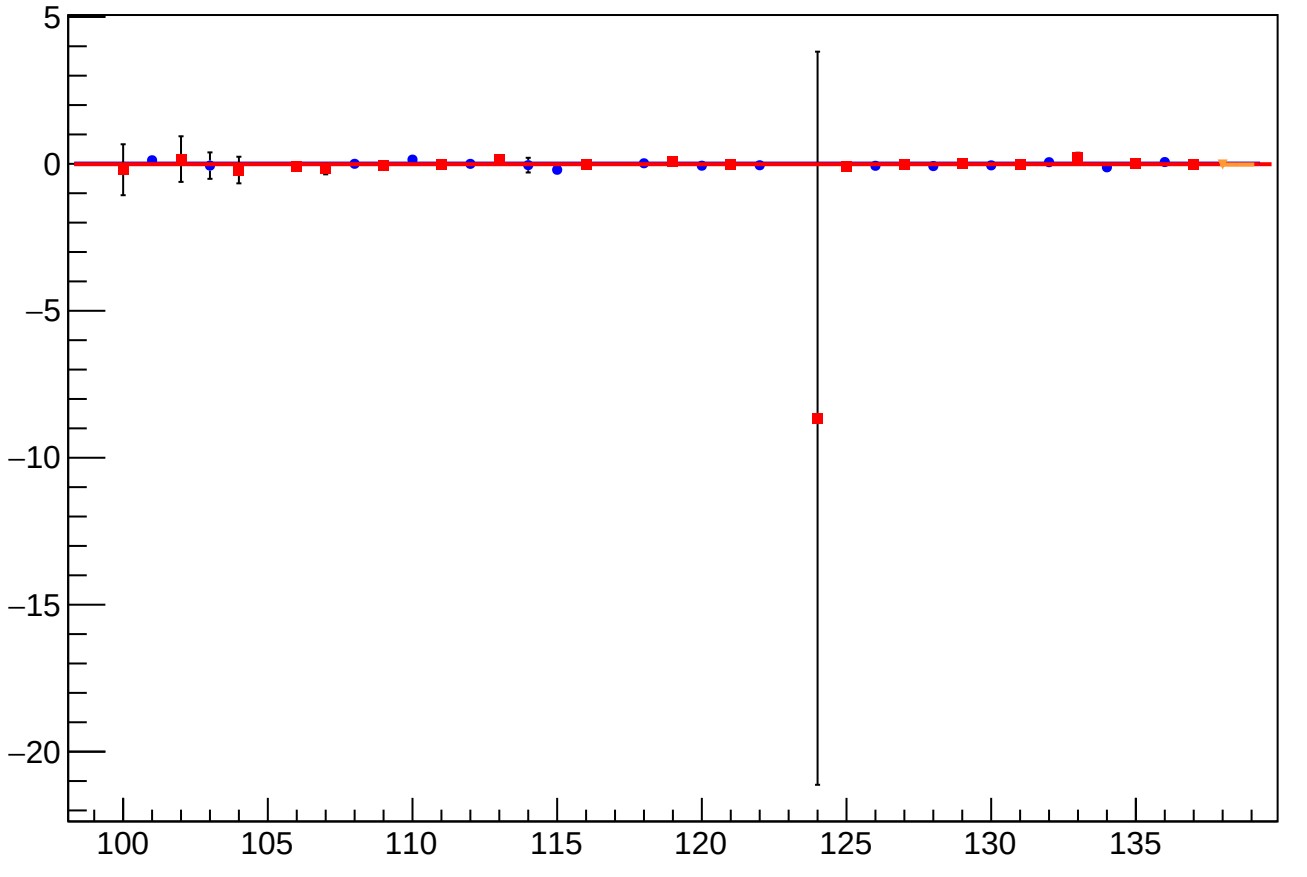
Right Out: 36.767+/-0.012 χ^2/NDF: 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.777+/-0.010 χ^2/NDF: 2430294.5/16

All: 35.021+/-0.008 χ^2/NDF: 5658818.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

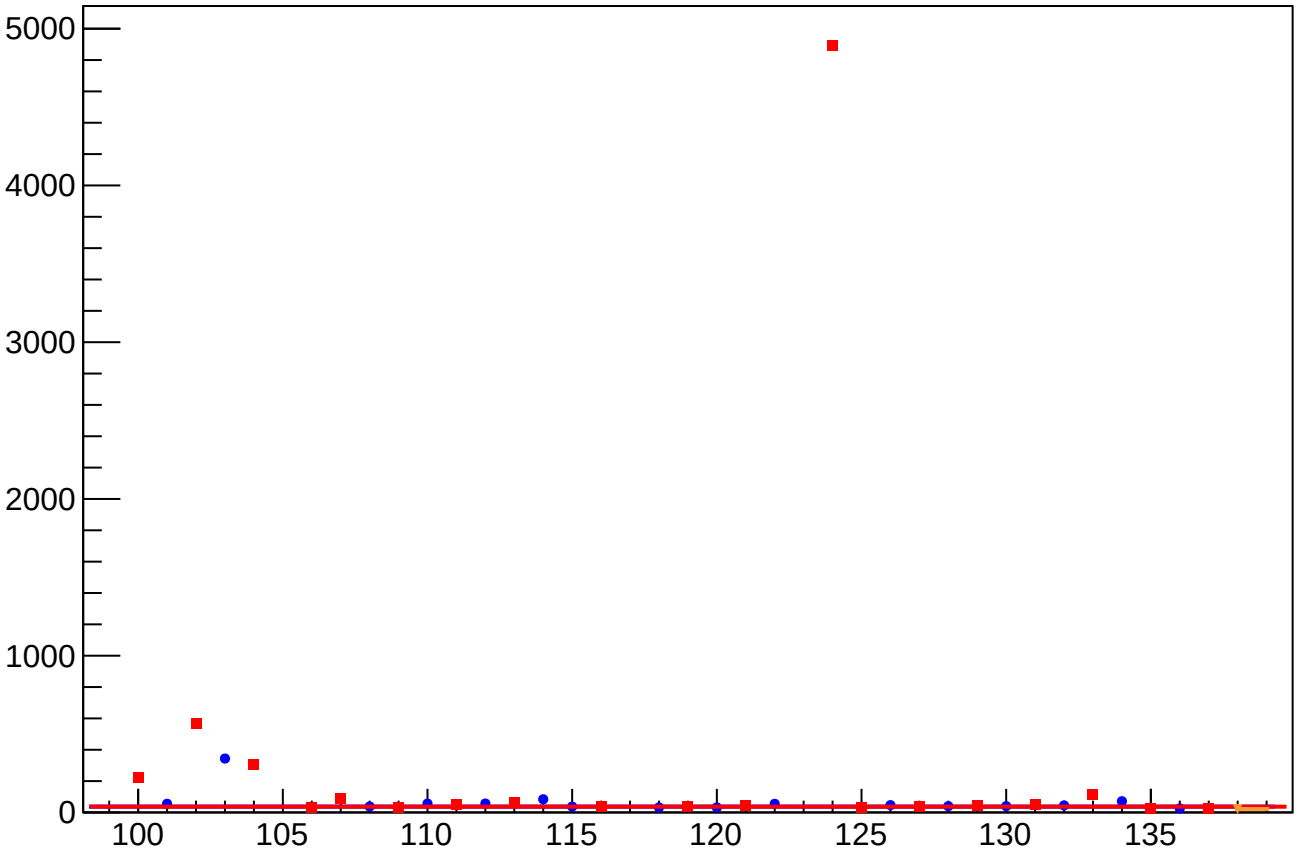
Right Out: -0.012+/-0.017 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.494+/-0.011 χ^2/NDF: 1983275.6/15

Left Out: 21.952+/-0.020 χ^2/NDF:0.0/0

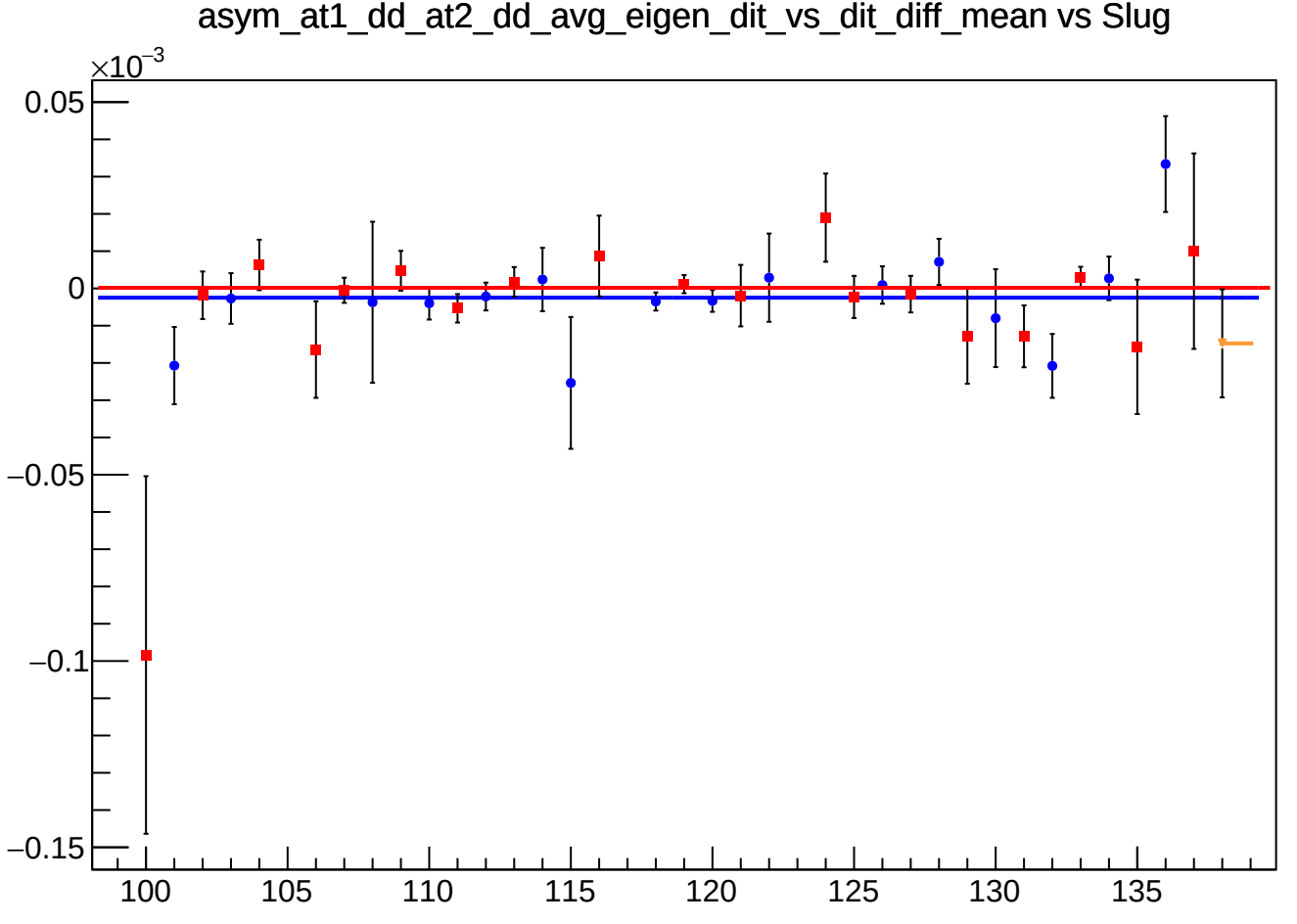
Right Out: 36.767+/-0.012 χ^2/NDF: 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.777+/-0.010 χ^2/NDF: 2430294.5/16

All: 35.021+/-0.008 χ^2/NDF: 5658818.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 21.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

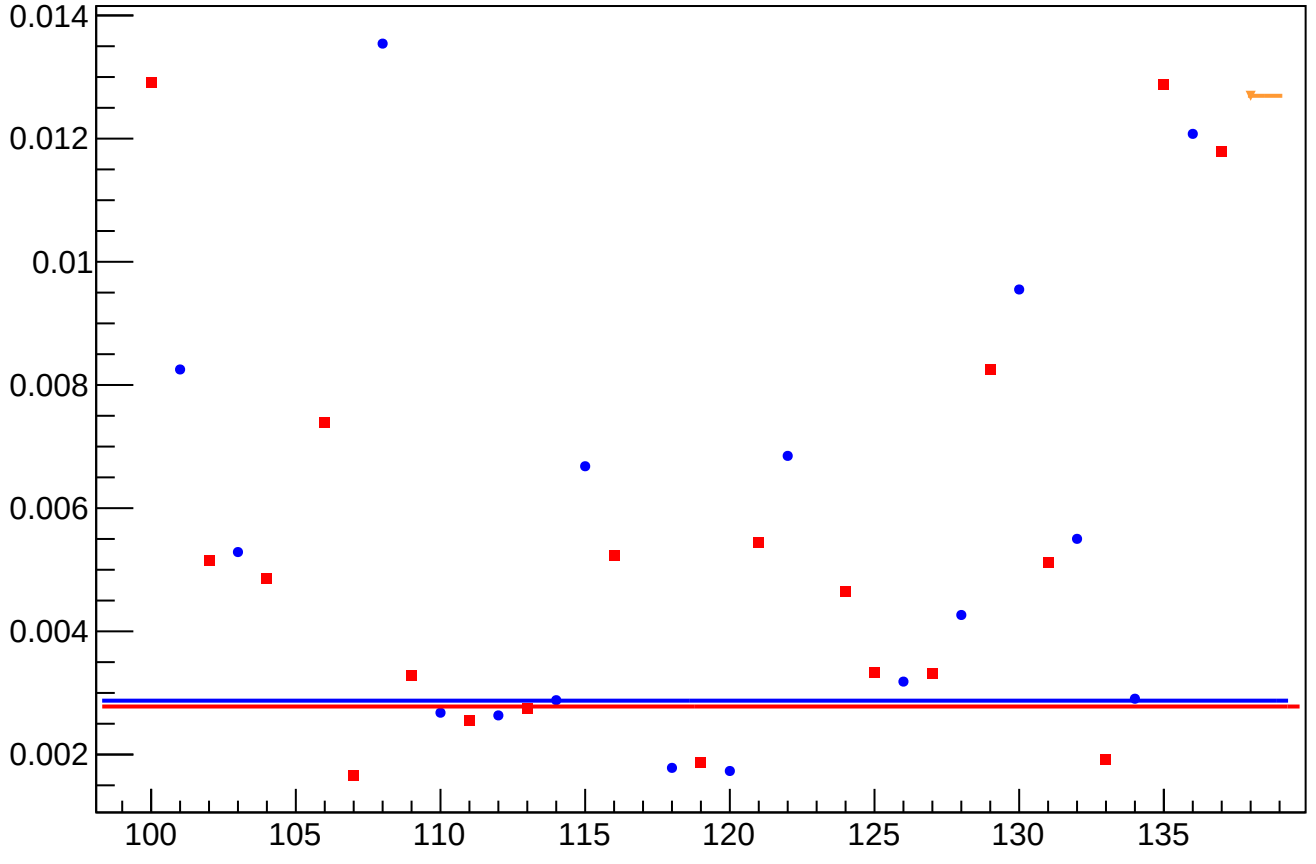
Right Out: 0.000+/-0.000 χ^2/NDF: 18.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.6/16

All: -0.000+/-0.000 χ^2/NDF: 43.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.000 χ^2/NDF: 4152056.9/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

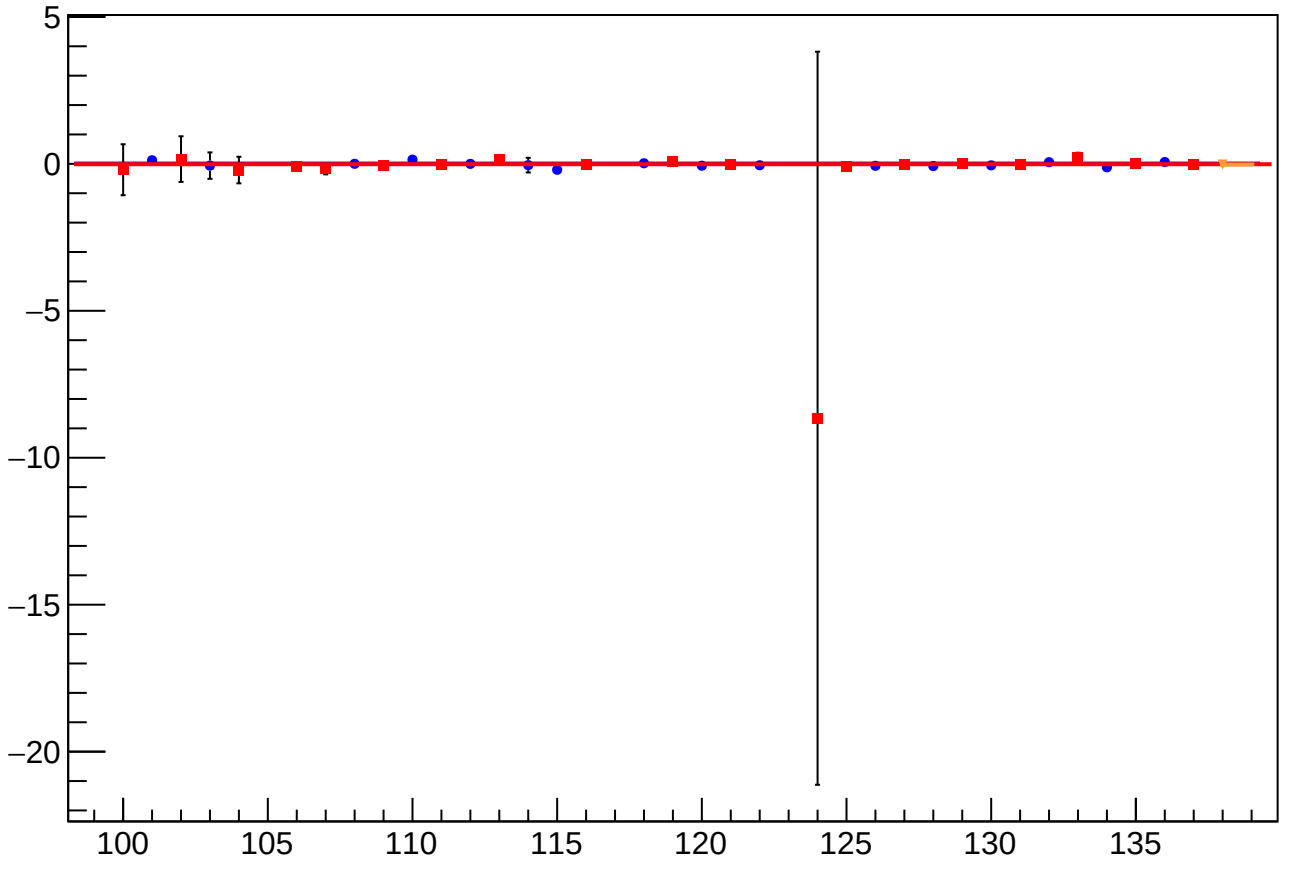
Right Out: 0.003+/-0.000 χ^2/NDF: 3311178.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 5063018.3/16

All: 0.003+/-0.000 χ^2/NDF: 8393955.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

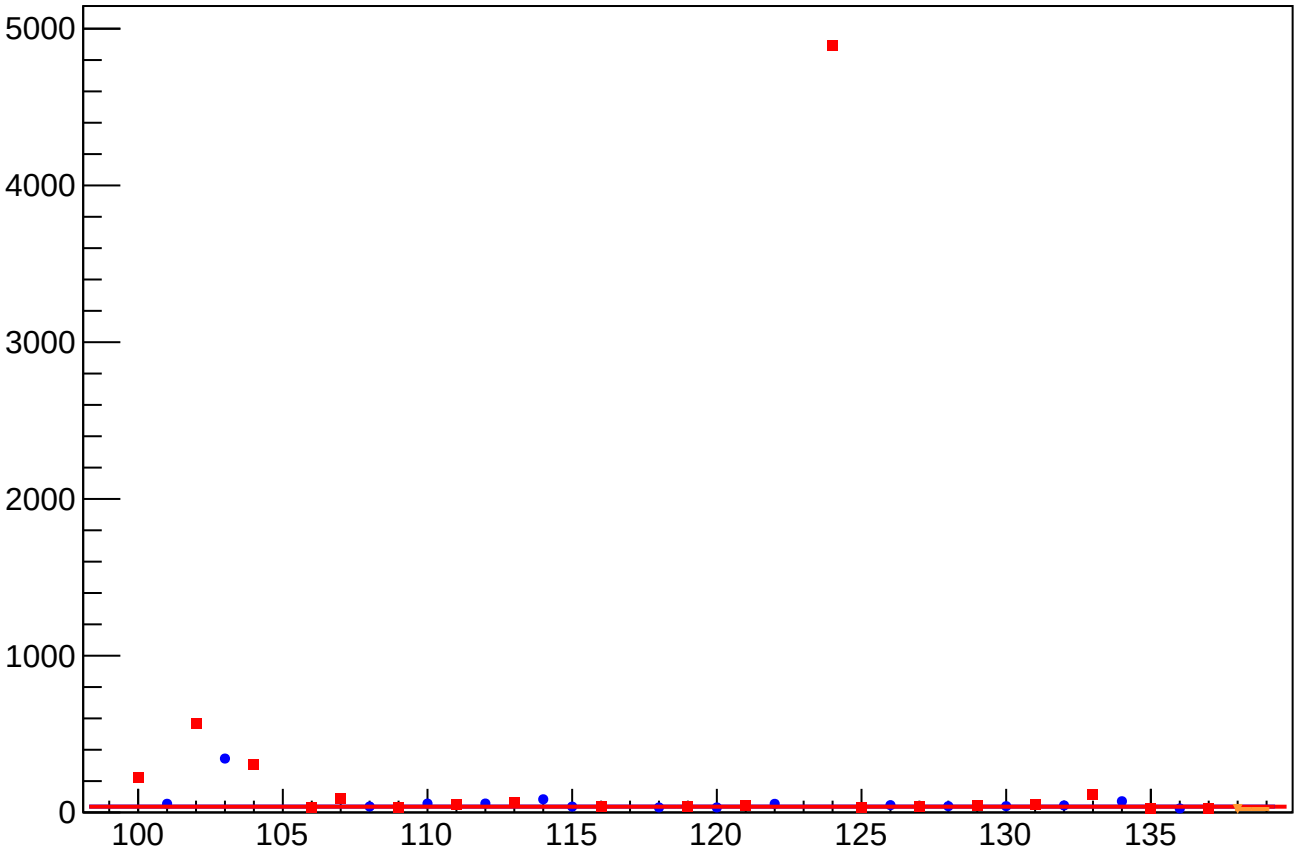
Right Out: -0.013+/-0.017 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.495+/-0.011 χ^2/NDF: 1983206.3/15

Left Out: 21.947+/-0.020 χ^2/NDF:0.0/0

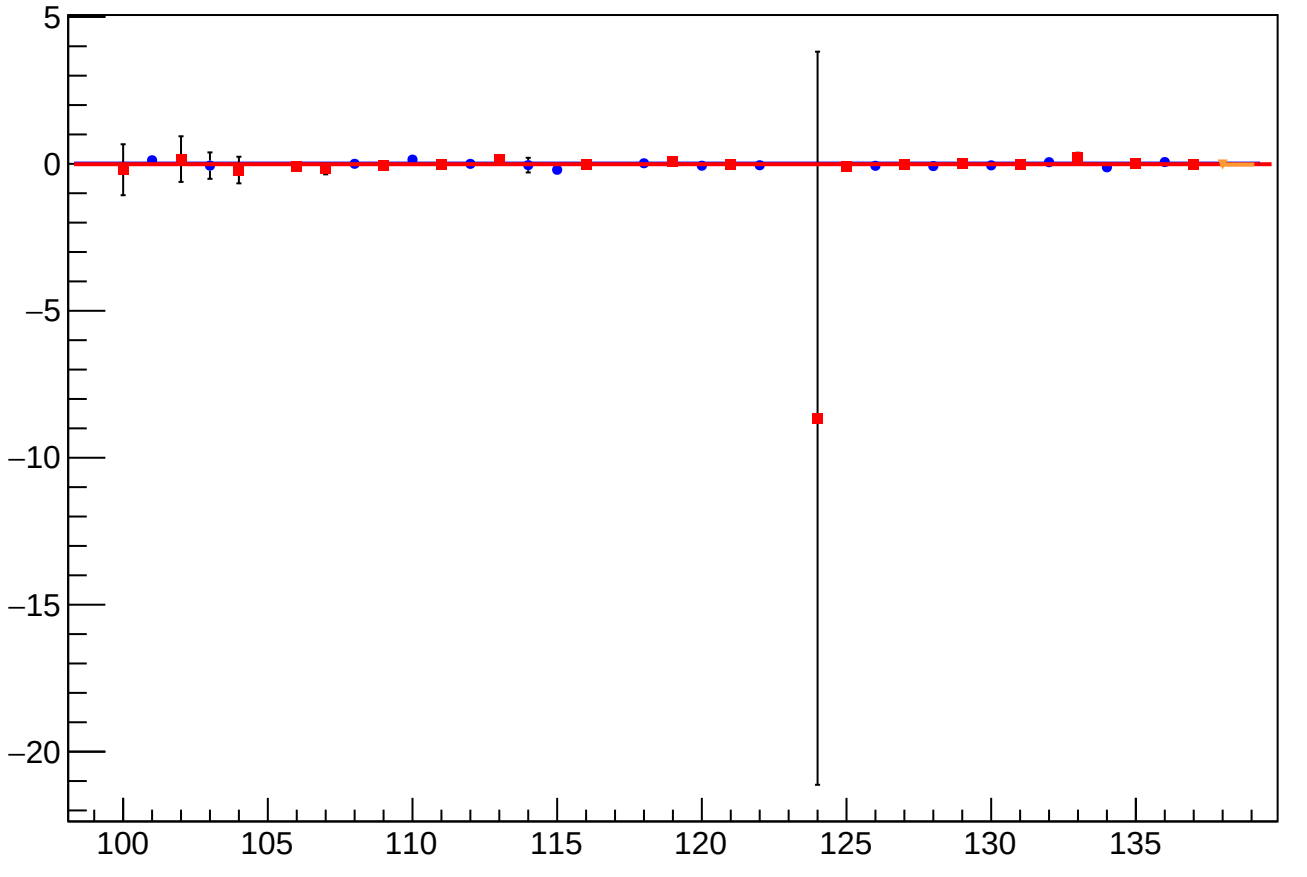
Right Out: 36.769+/-0.012 χ^2/NDF: 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.775+/-0.010 χ^2/NDF: 2430592.0/16

All: 35.020+/-0.008 χ^2/NDF: 5658892.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.016 χ^2/NDF: 19.3/15

Left Out: -0.023+/-0.029 χ^2/NDF:0.0/0

Right Out: -0.013+/-0.017 χ^2/NDF: 12.6/18

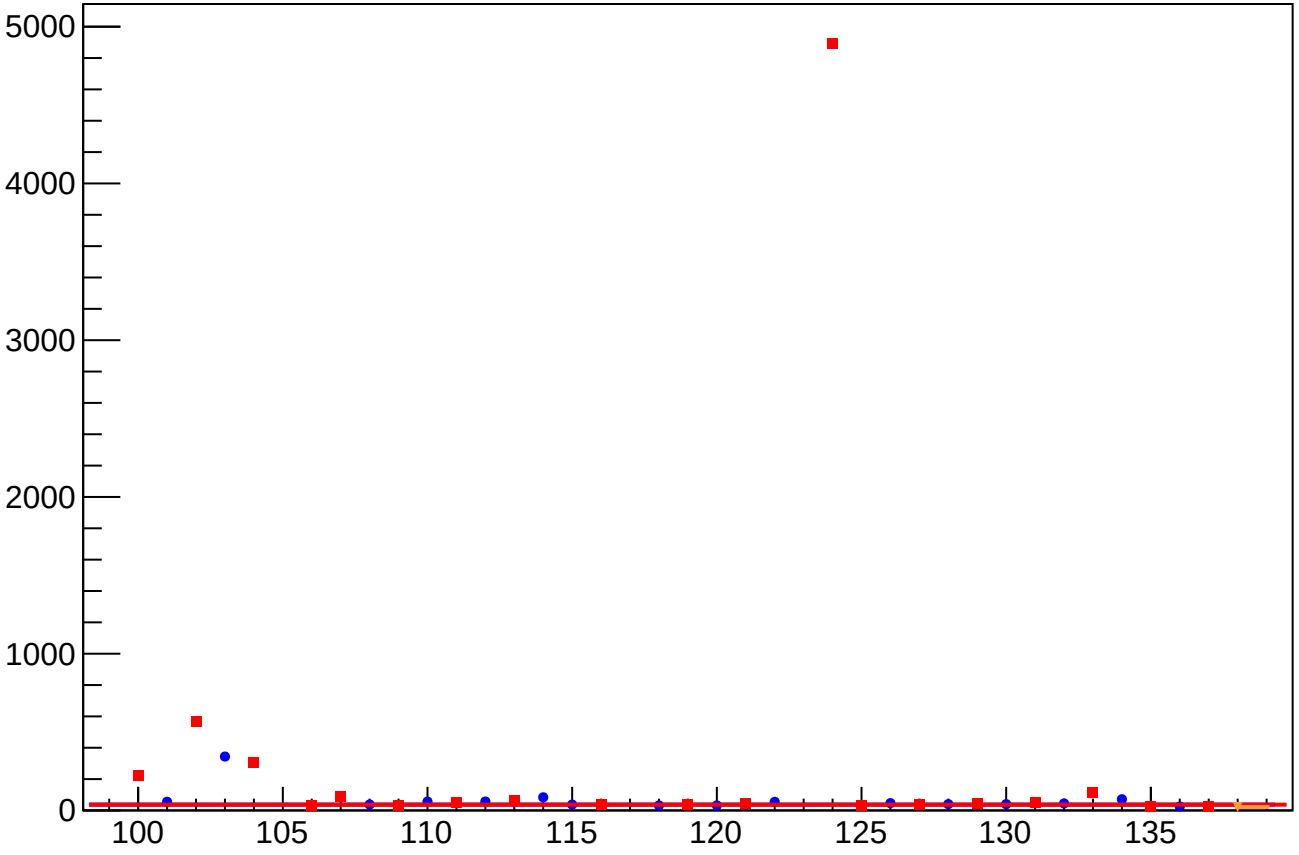
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.014 χ^2/NDF: 20.2/16

All: -0.005+/-0.011 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.495+/-0.011 χ^2/NDF: 1983206.3/15

Left Out: 21.947+/-0.020 χ^2/NDF:0.0/0

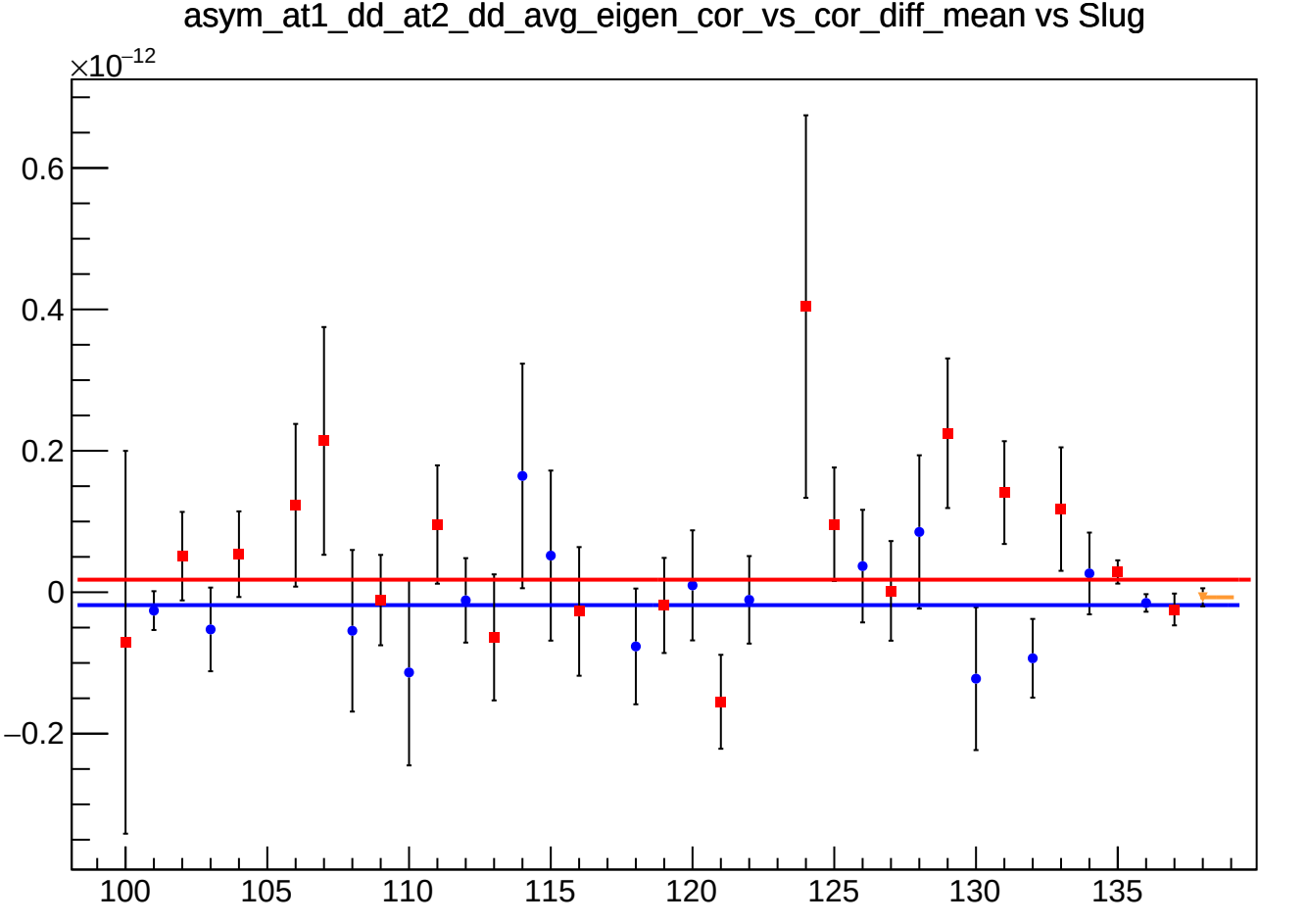
Right Out: 36.769+/-0.012 χ^2/NDF: 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.775+/-0.010 χ^2/NDF: 2430592.0/16

All: 35.020+/-0.008 χ^2/NDF: 5658892.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 8.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

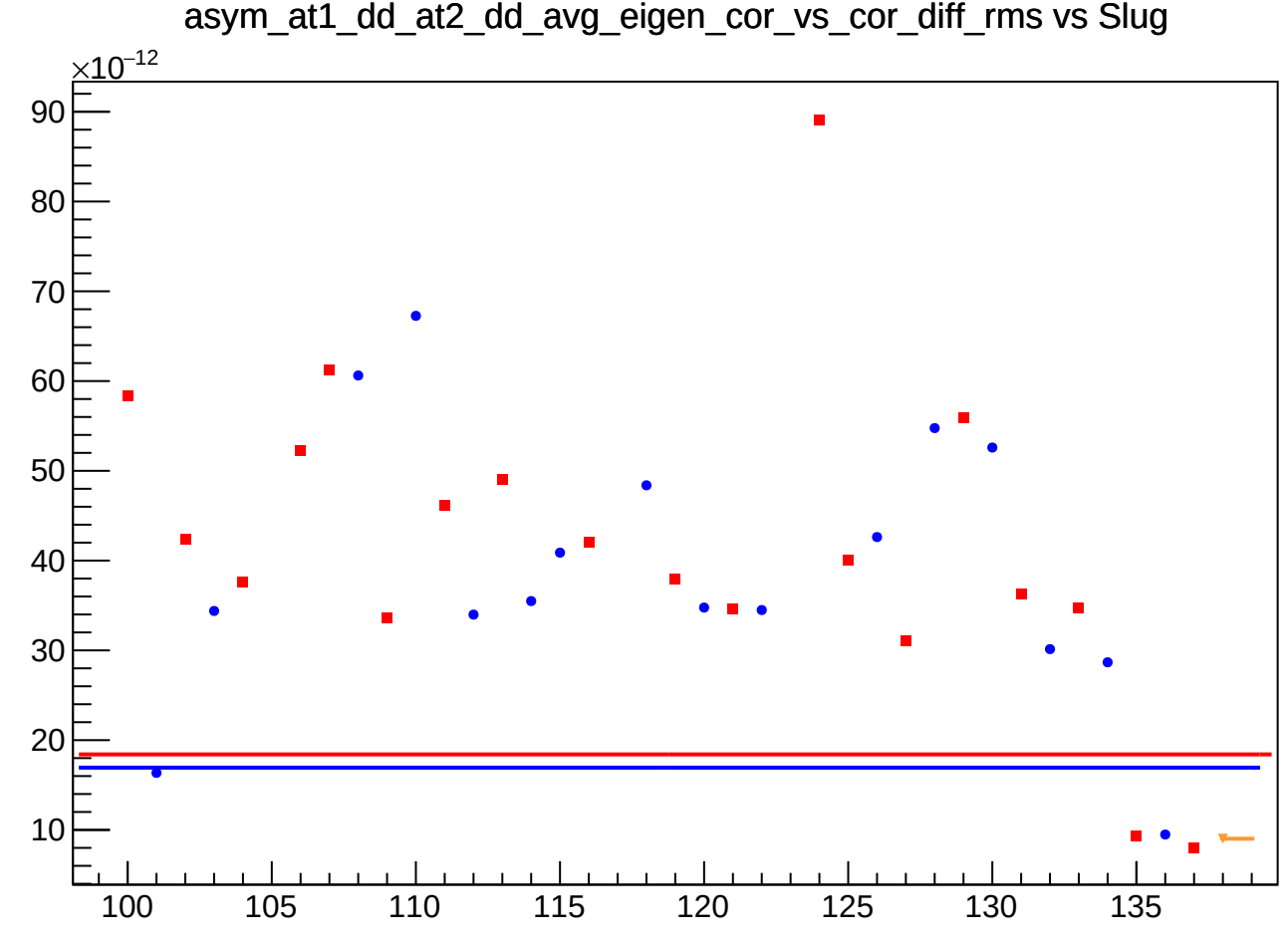
Right Out: 0.000+/-0.000 χ^2/NDF: 27.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 8.8/16

All: -0.000+/-0.000 χ^2/NDF: 41.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3207856.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3674861.8/18

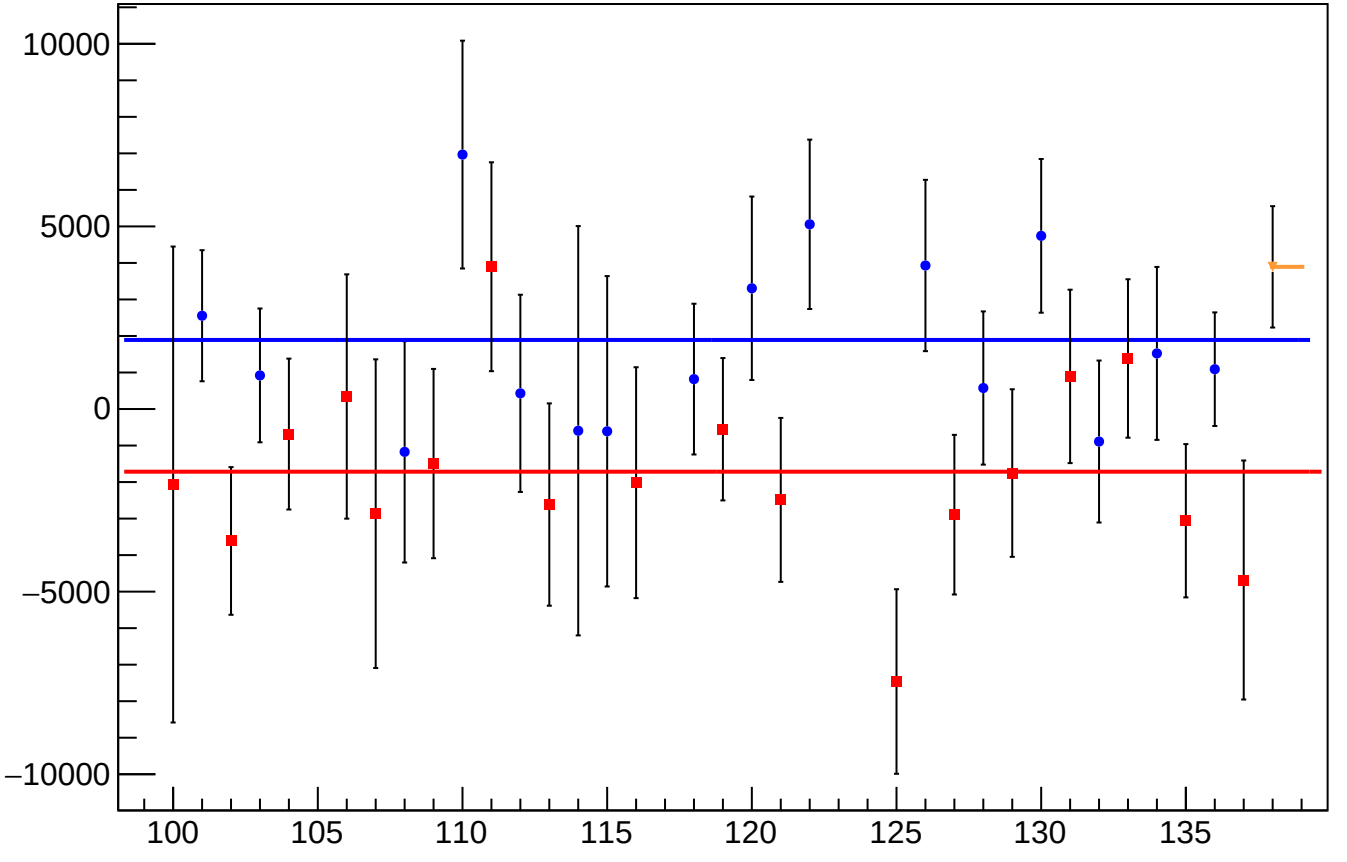
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3689341.5/16

All: 0.000+/-0.000 χ^2/NDF: 7581248.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 1891.457+/-572.244 χ^2/NDF: 12.2/15

Left Out: 3892.949+/-1661.515 χ^2/NDF:0.0/0

Right Out: -1715.909+/-589.518 χ^2/NDF: 16.0/17

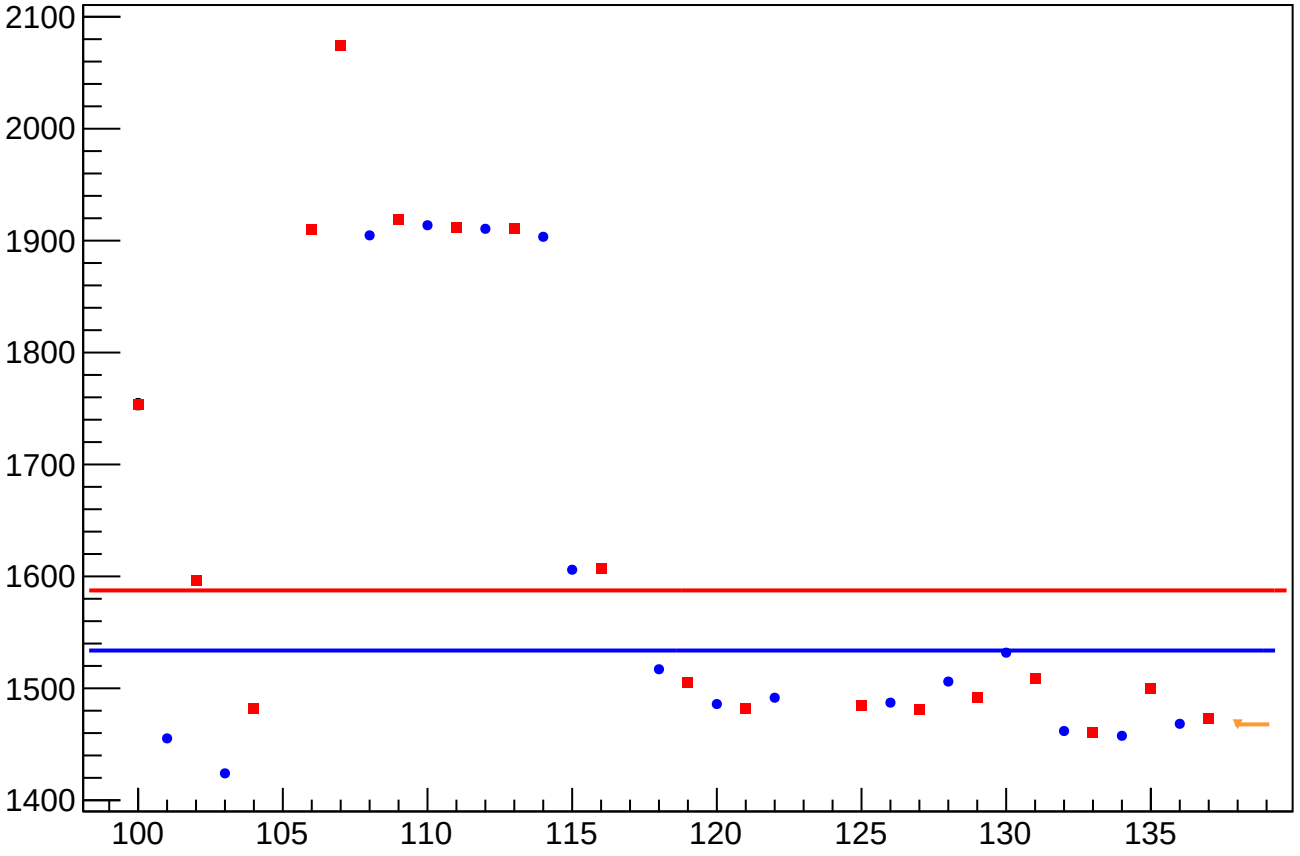
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2103.696+/-541.054 χ^2/NDF: 13.5/16

All: 357.330+/-398.617 χ^2/NDF: 52.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1533.771+/-0.405 χ^2/NDF: 129271.6/15

Left Out: 1467.789+/-1.175 χ^2/NDF:0.0/0

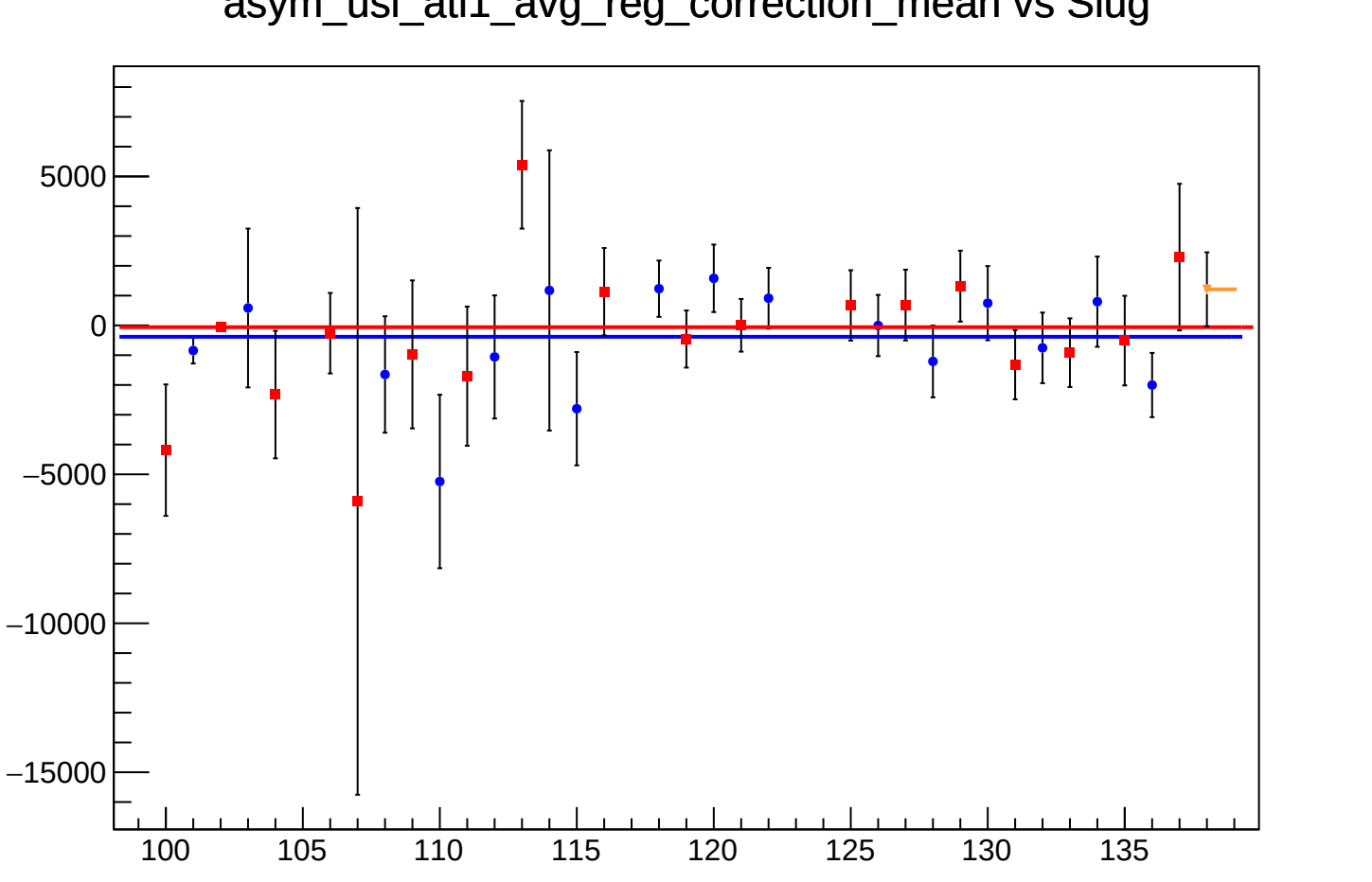
Right Out: 1587.461+/-0.417 χ^2/NDF: 171988.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1526.774+/-0.383 χ^2/NDF: 132091.2/16

All: 1554.521+/-0.282 χ^2/NDF: 315583.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -382.787+/-272.209 χ^2/NDF: 18.2/15

Left Out: 1210.074+/-1243.130 χ^2/NDF:0.0/0

Right Out: -59.970+/-127.700 χ^2/NDF: 17.8/17

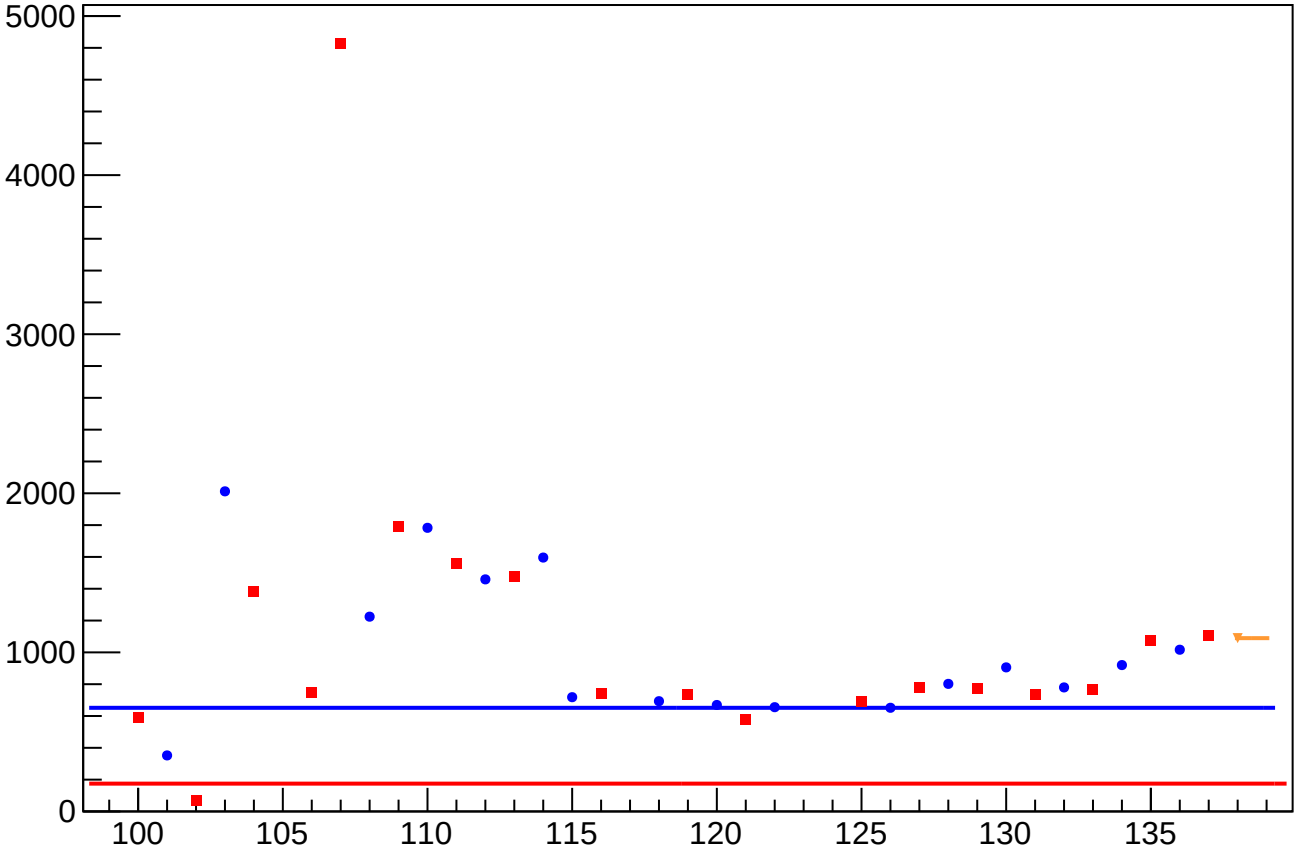
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -309.907+/-265.909 χ^2/NDF: 19.8/16

All: -106.811+/-115.114 χ^2/NDF: 38.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 651.523+/-0.192 χ^2/NDF: 2762656.2/15

Left Out: 1089.422+/-0.879 χ^2/NDF:0.0/0

Right Out: 174.898+/-0.090 χ^2/NDF: 9761228.2/17

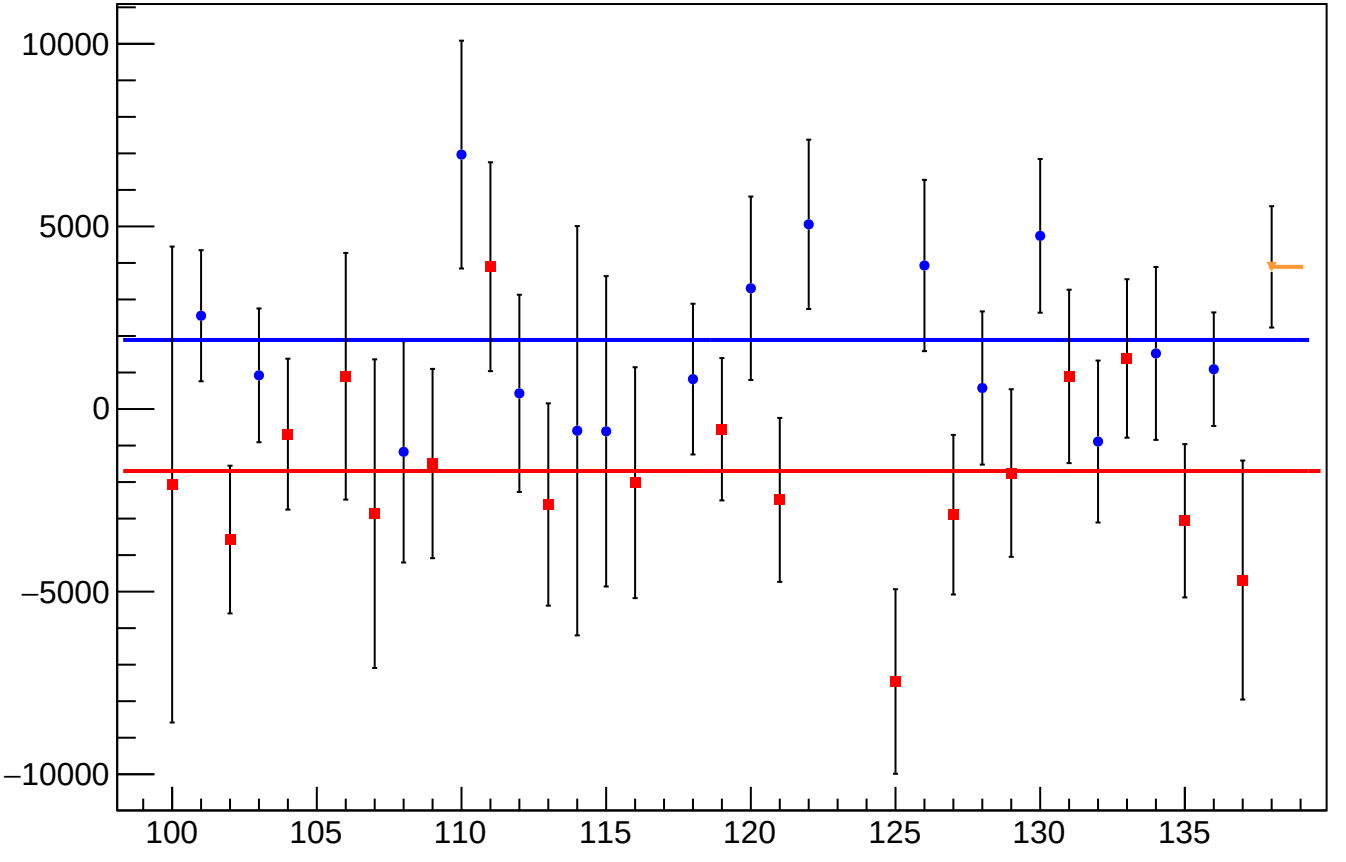
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 671.559+/-0.188 χ^2/NDF: 2999468.8/16

All: 267.977+/-0.081 χ^2/NDF: 18430339.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1891.562+/-572.244 χ^2/NDF: 12.2/15

Left Out: 3892.946+/-1661.515 χ^2/NDF:0.0/0

Right Out: -1696.987+/-589.699 χ^2/NDF: 16.2/17

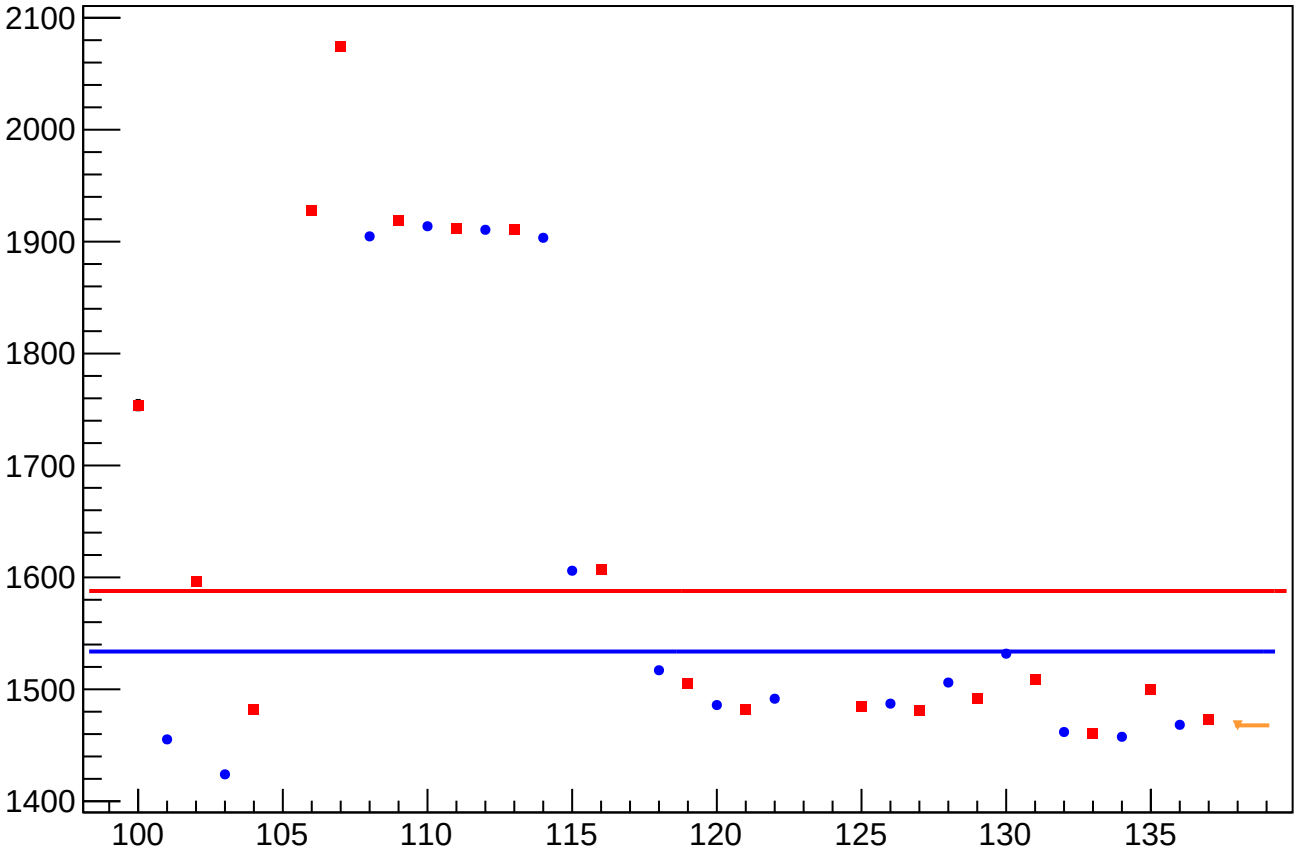
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2103.790+/-541.054 χ^2/NDF: 13.5/16

All: 366.611+/-398.673 χ^2/NDF: 52.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1533.771+/-0.405 χ^2/NDF: 129271.5/15

Left Out: 1467.789+/-1.175 χ^2/NDF:0.0/0

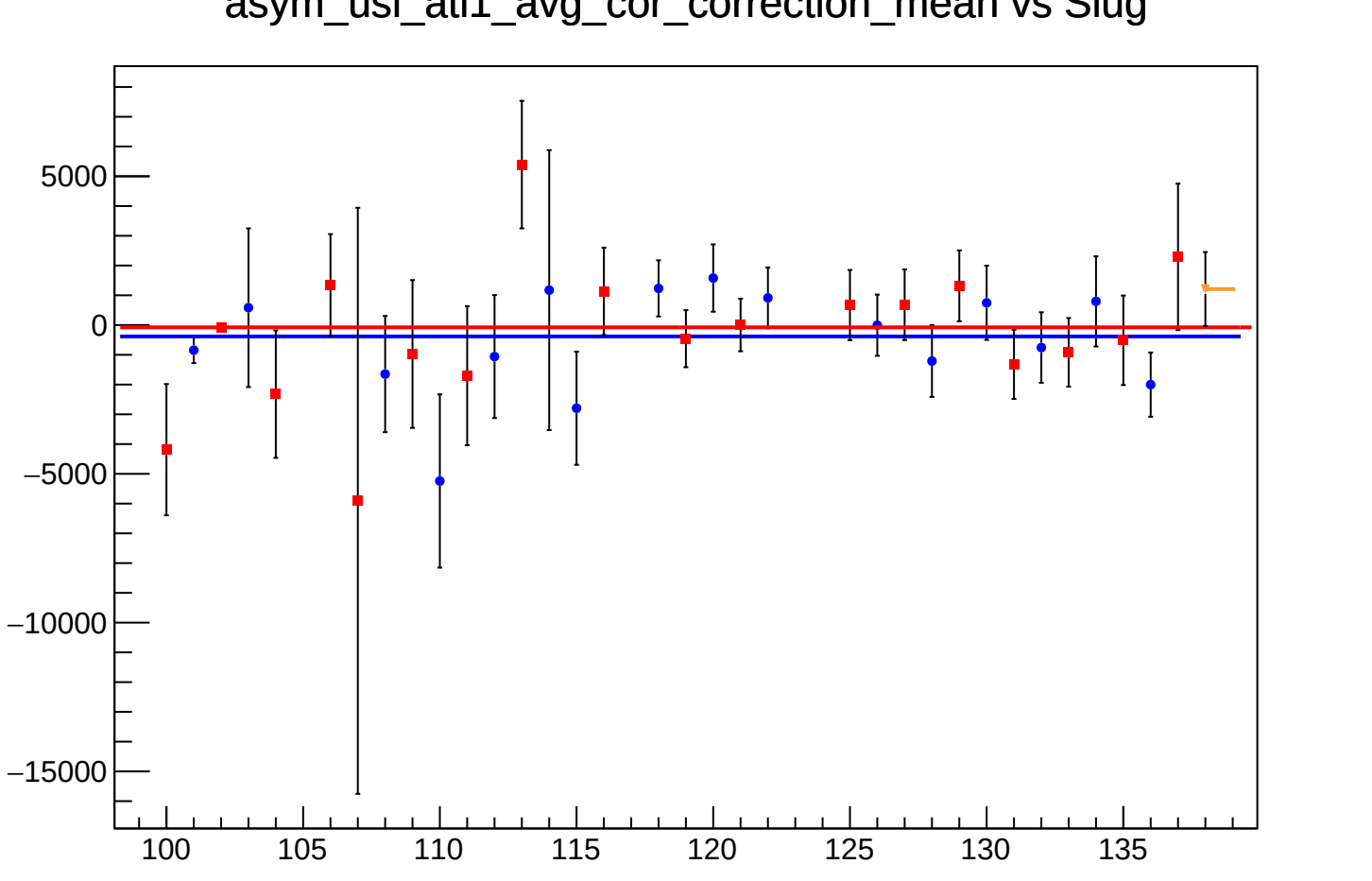
Right Out: 1587.846+/-0.417 χ^2/NDF: 173766.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1526.774+/-0.383 χ^2/NDF: 132091.2/16

All: 1554.688+/-0.282 χ^2/NDF: 317504.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -382.761+/-272.209 χ^2/NDF: 18.2/15

Left Out: 1210.224+/-1243.141 χ^2/NDF:0.0/0

Right Out: -76.754+/-138.137 χ^2/NDF: 18.5/17

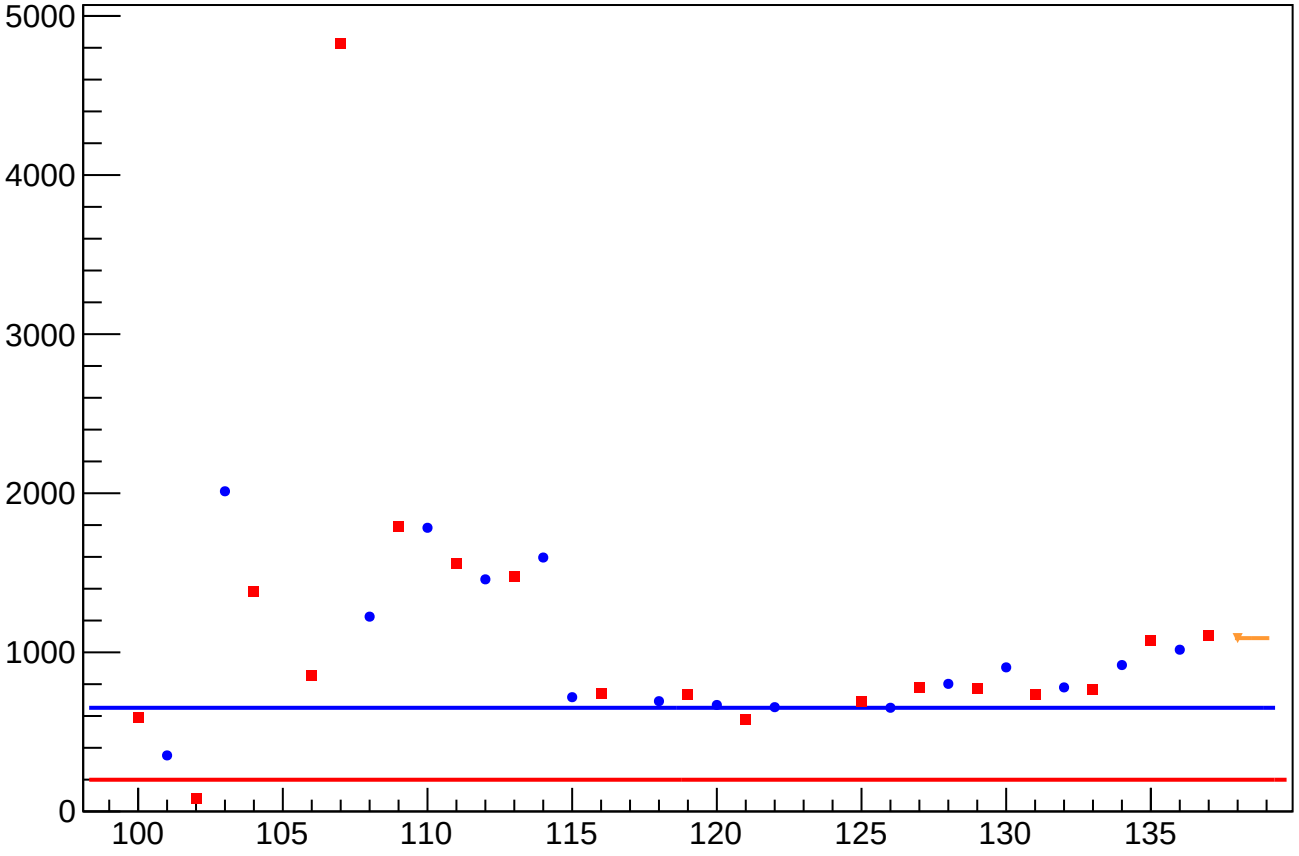
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -309.877+/-265.909 χ^2/NDF: 19.8/16

All: -126.297+/-122.583 χ^2/NDF: 38.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 651.521+/-0.192 χ^2/NDF: 2762681.5/15

Left Out: 1089.433+/-0.879 χ^2/NDF:0.0/0

Right Out: 199.344+/-0.098 χ^2/NDF: 9284792.6/17

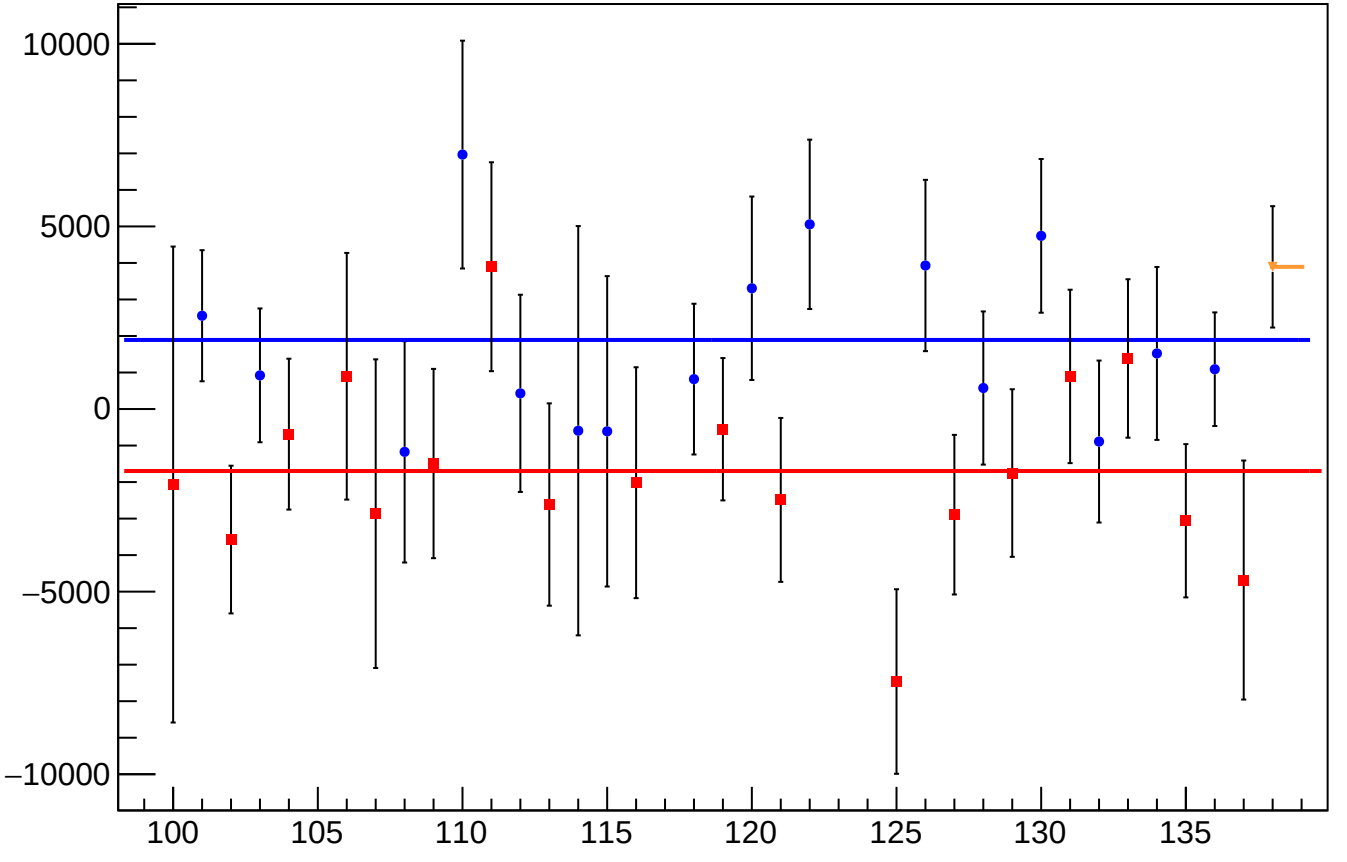
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 671.557+/-0.188 χ^2/NDF: 2999504.3/16

All: 299.698+/-0.087 χ^2/NDF: 17251165.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1891.562+/-572.244 χ^2/NDF: 12.2/15

Left Out: 3892.946+/-1661.515 χ^2/NDF:0.0/0

Right Out: -1696.987+/-589.699 χ^2/NDF: 16.2/17

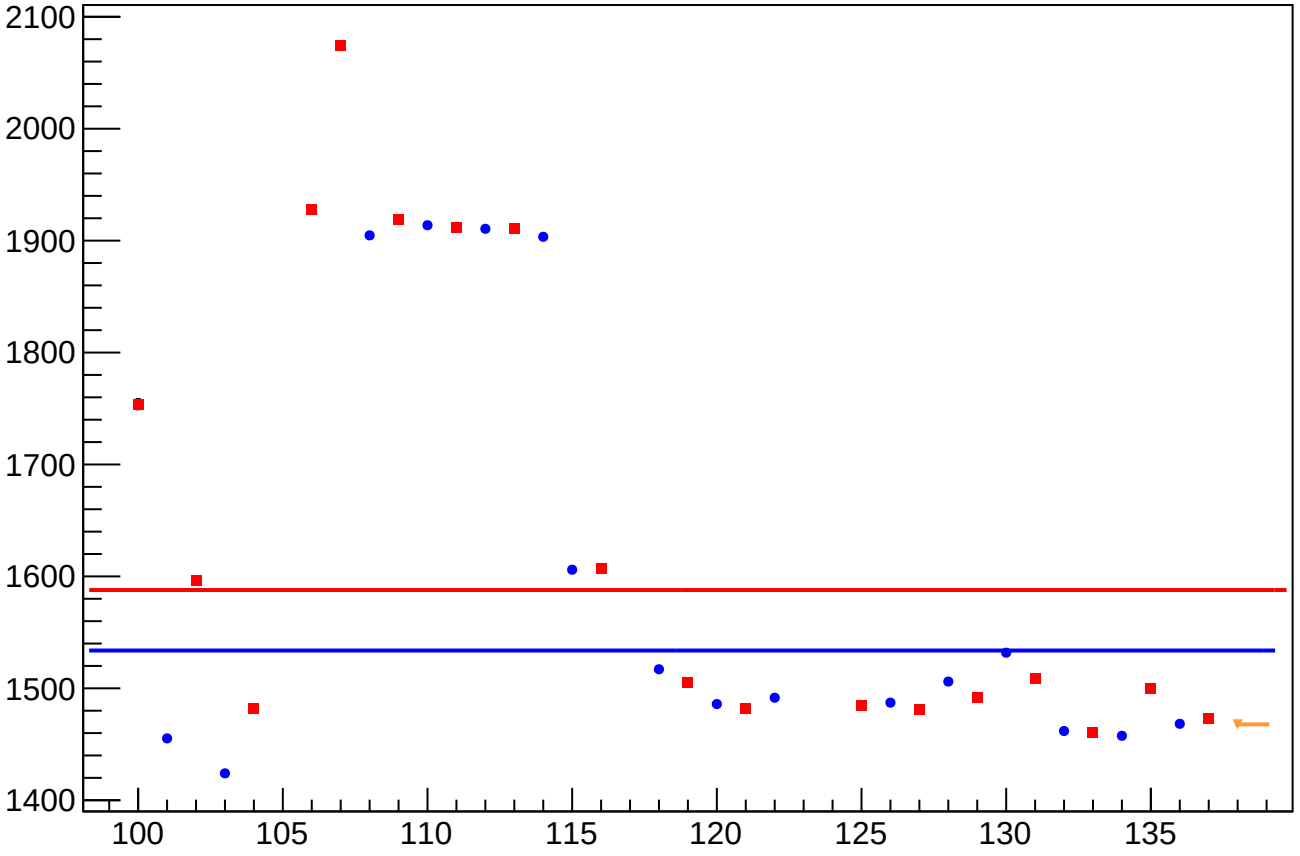
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2103.790+/-541.054 χ^2/NDF: 13.5/16

All: 366.611+/-398.673 χ^2/NDF: 52.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1533.771+/-0.405 χ^2/NDF: 129271.5/15

Left Out: 1467.789+/-1.175 χ^2/NDF:0.0/0

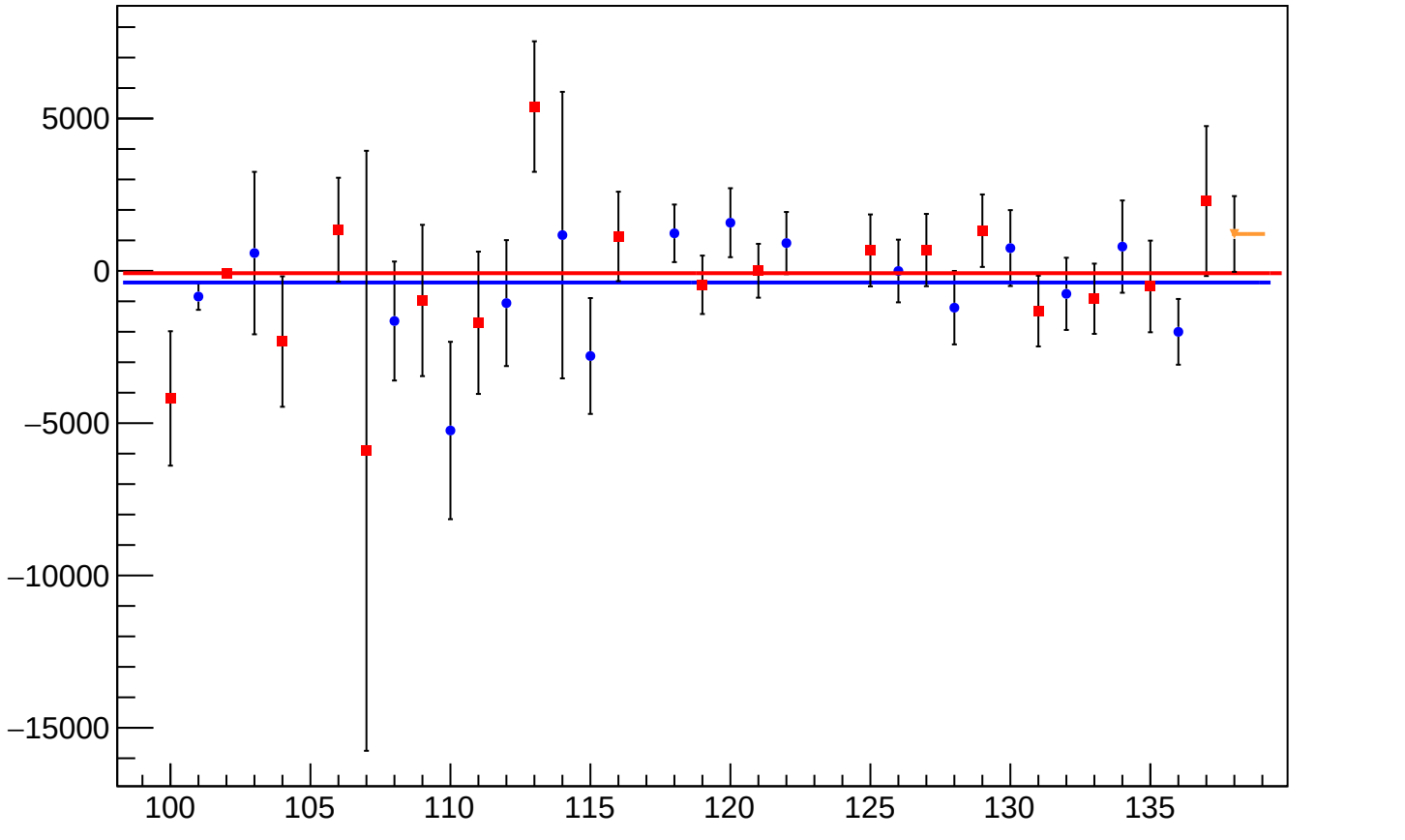
Right Out: 1587.846+/-0.417 χ^2/NDF: 173766.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1526.774+/-0.383 χ^2/NDF: 132091.2/16

All: 1554.688+/-0.282 χ^2/NDF: 317504.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -382.761+/-272.209 χ^2/NDF: 18.2/15

Left Out: 1210.224+/-1243.141 χ^2/NDF:0.0/0

Right Out: -76.754+/-138.137 χ^2/NDF: 18.5/17

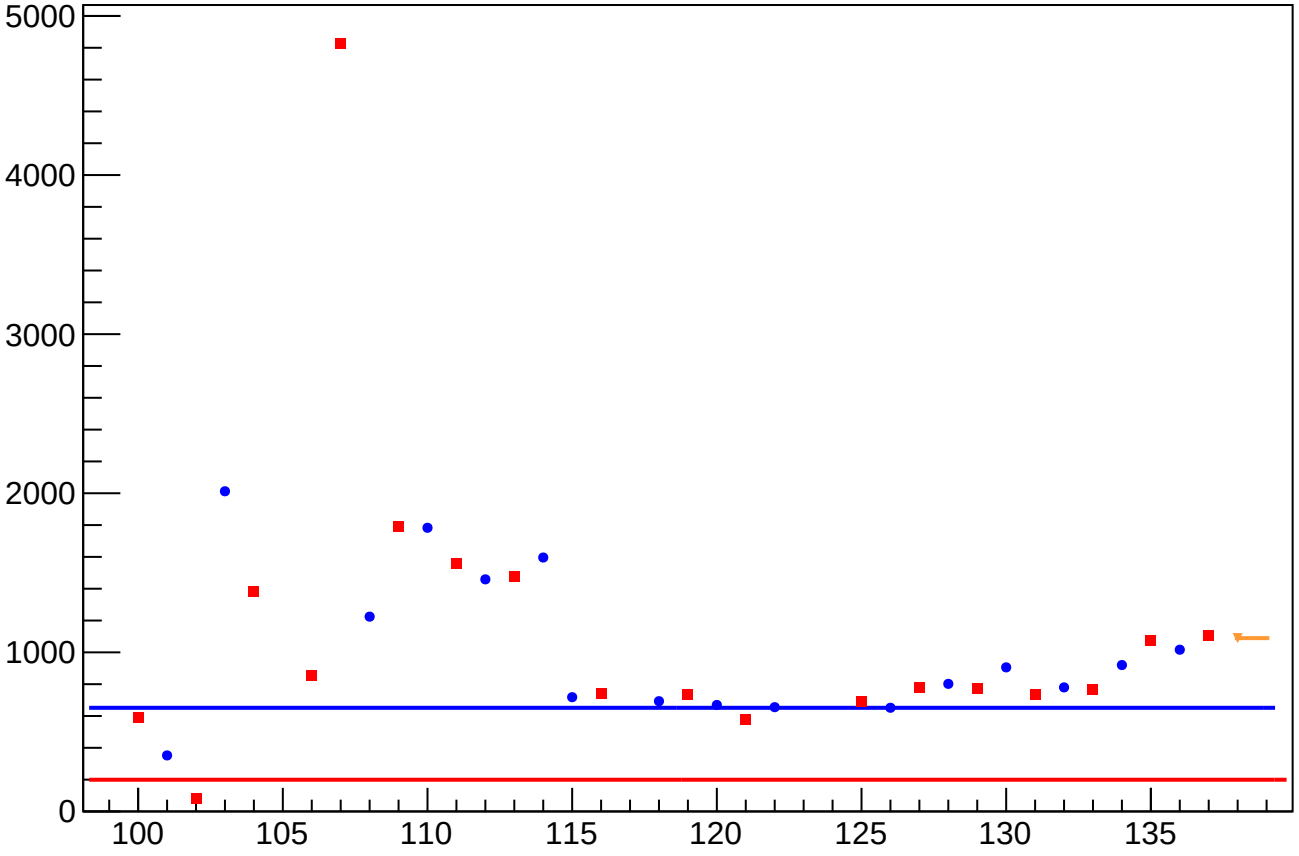
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -309.877+/-265.909 χ^2/NDF: 19.8/16

All: -126.297+/-122.583 χ^2/NDF: 38.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 651.521+/-0.192 χ^2/NDF: 2762681.5/15

Left Out: 1089.433+/-0.879 χ^2/NDF:0.0/0

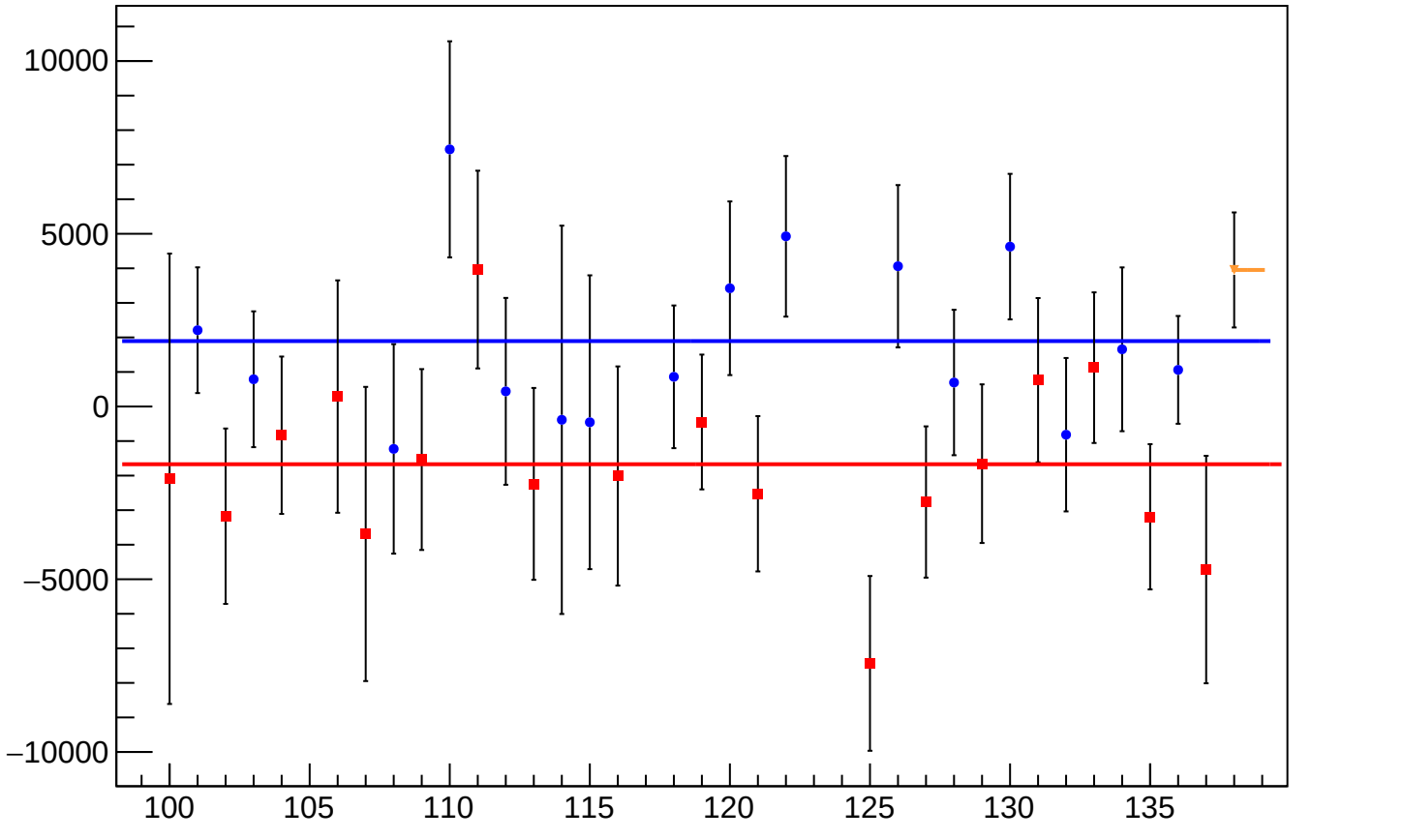
Right Out: 199.344+/-0.098 χ^2/NDF: 9284792.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 671.557+/-0.188 χ^2/NDF: 2999504.3/16

All: 299.698+/-0.087 χ^2/NDF: 17251165.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1894.171+/-577.631 χ^2/NDF: 12.3/15

Left Out: 3952.881+/-1665.090 χ^2/NDF:0.0/0

Right Out: -1670.933+/-604.838 χ^2/NDF: 15.0/17

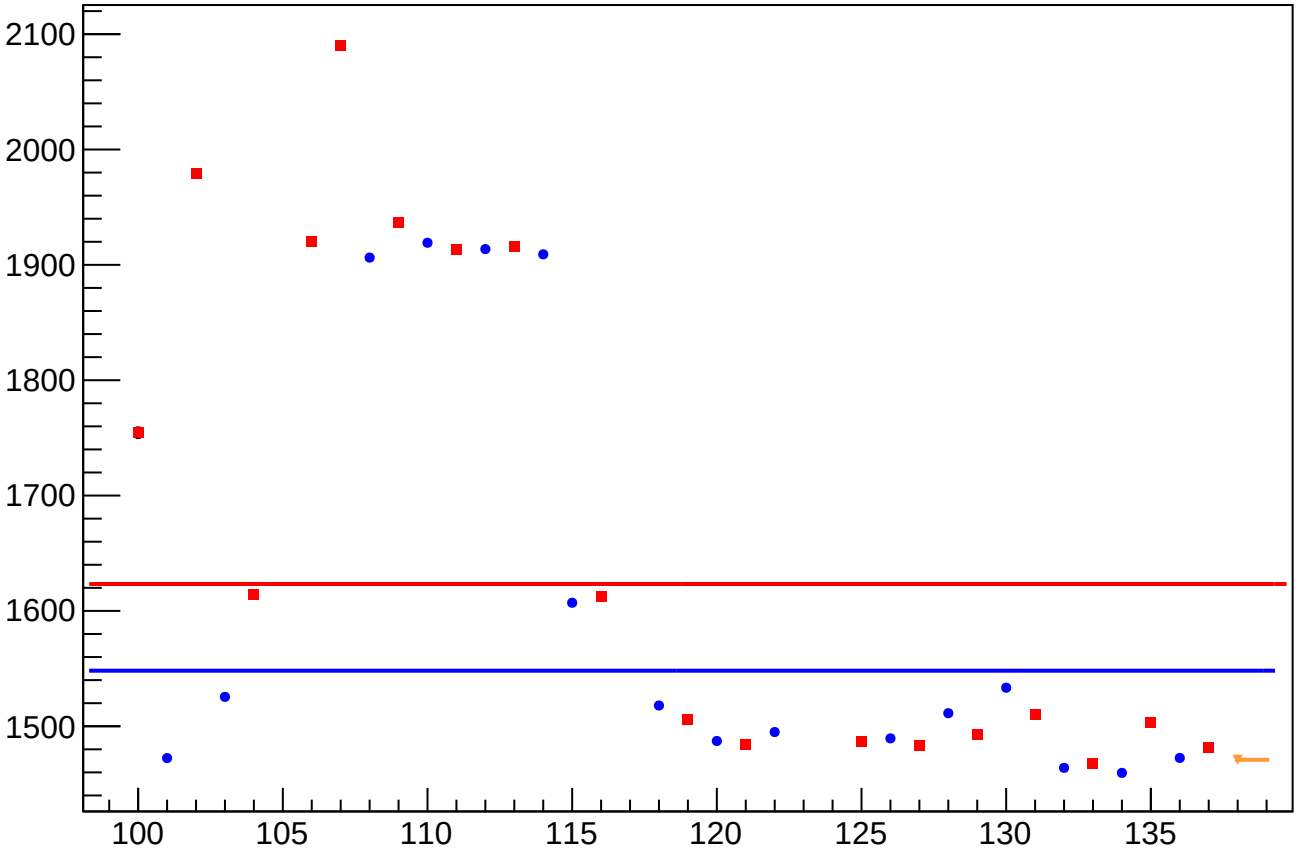
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2115.312+/-545.726 χ^2/NDF: 13.6/16

All: 416.202+/-405.178 χ^2/NDF: 50.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1548.174+/-0.408 χ^2/NDF: 119905.3/15

Left Out: 1470.942+/-1.177 χ^2/NDF:0.0/0

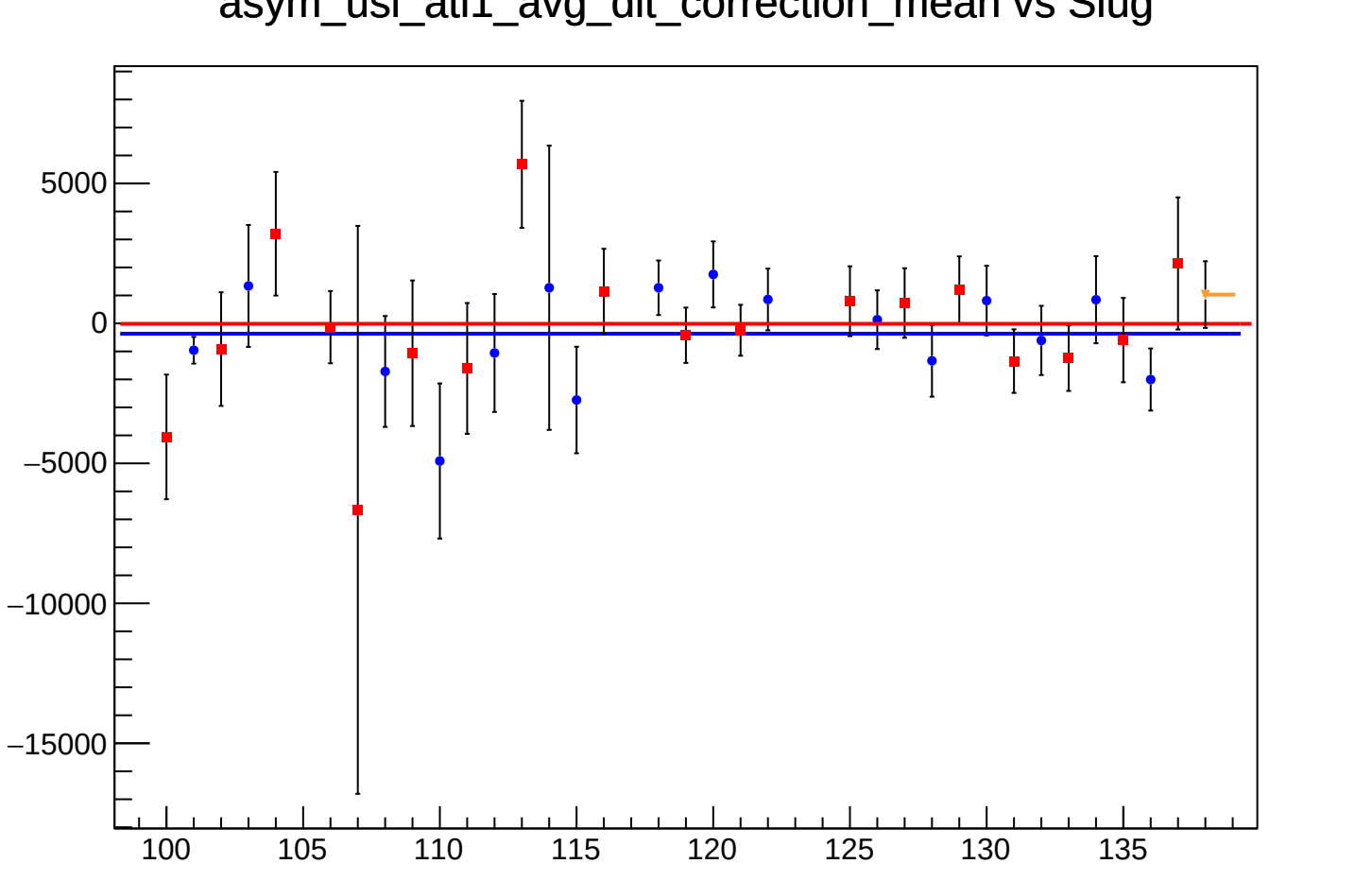
Right Out: 1623.331+/-0.428 χ^2/NDF: 211534.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1539.878+/-0.386 χ^2/NDF: 123745.9/16

All: 1577.328+/-0.287 χ^2/NDF: 356268.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -368.708+/-286.577 χ^2/NDF: 18.9/15

Left Out: 1030.510+/-1190.451 χ^2/NDF:0.0/0

Right Out: -13.729+/-341.569 χ^2/NDF: 19.1/17

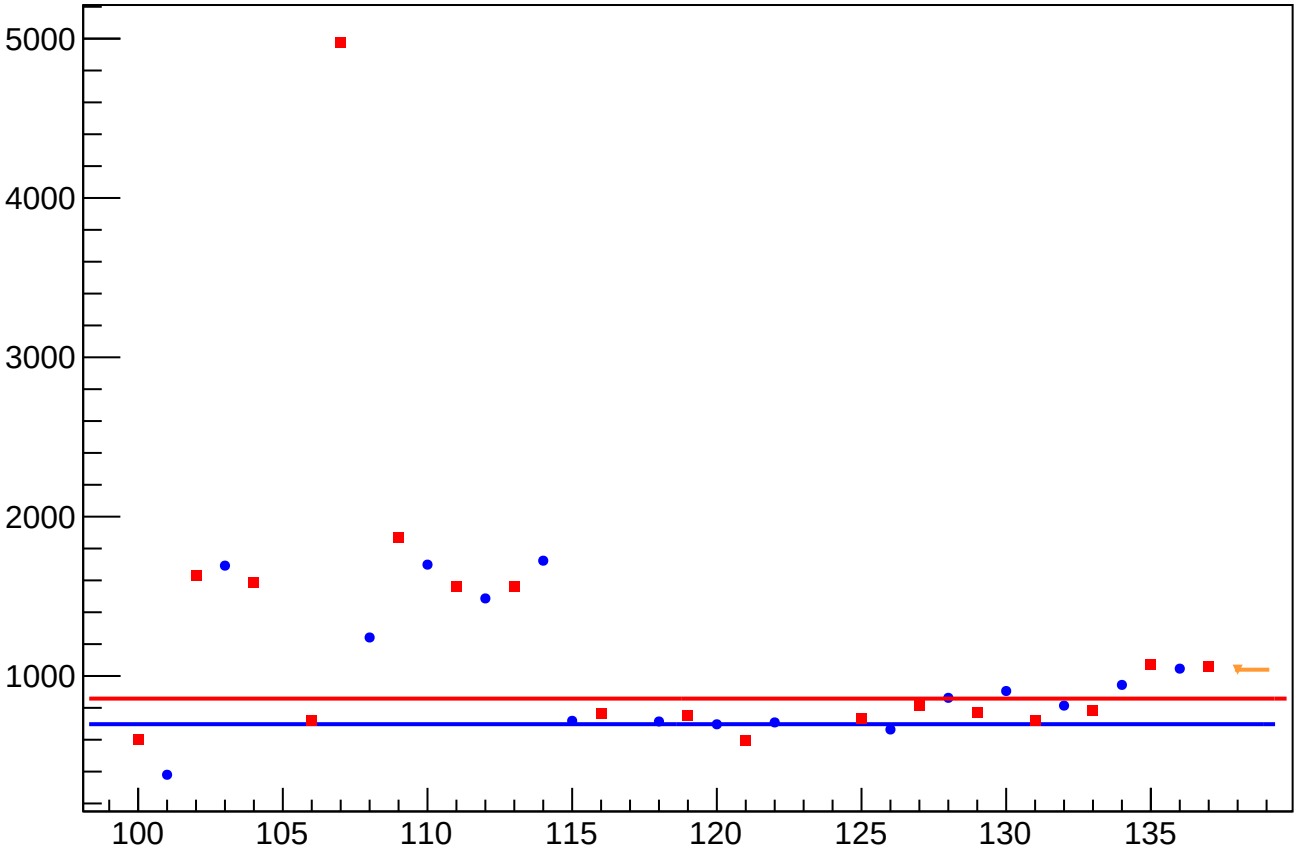
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -292.064+/-278.617 χ^2/NDF: 20.2/16

All: -180.861+/-215.900 χ^2/NDF: 39.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 697.517+/-0.203 χ^2/NDF: 2435601.0/15

Left Out: 1039.527+/-0.842 χ^2/NDF:0.0/0

Right Out: 858.095+/-0.242 χ^2/NDF: 1882164.5/17

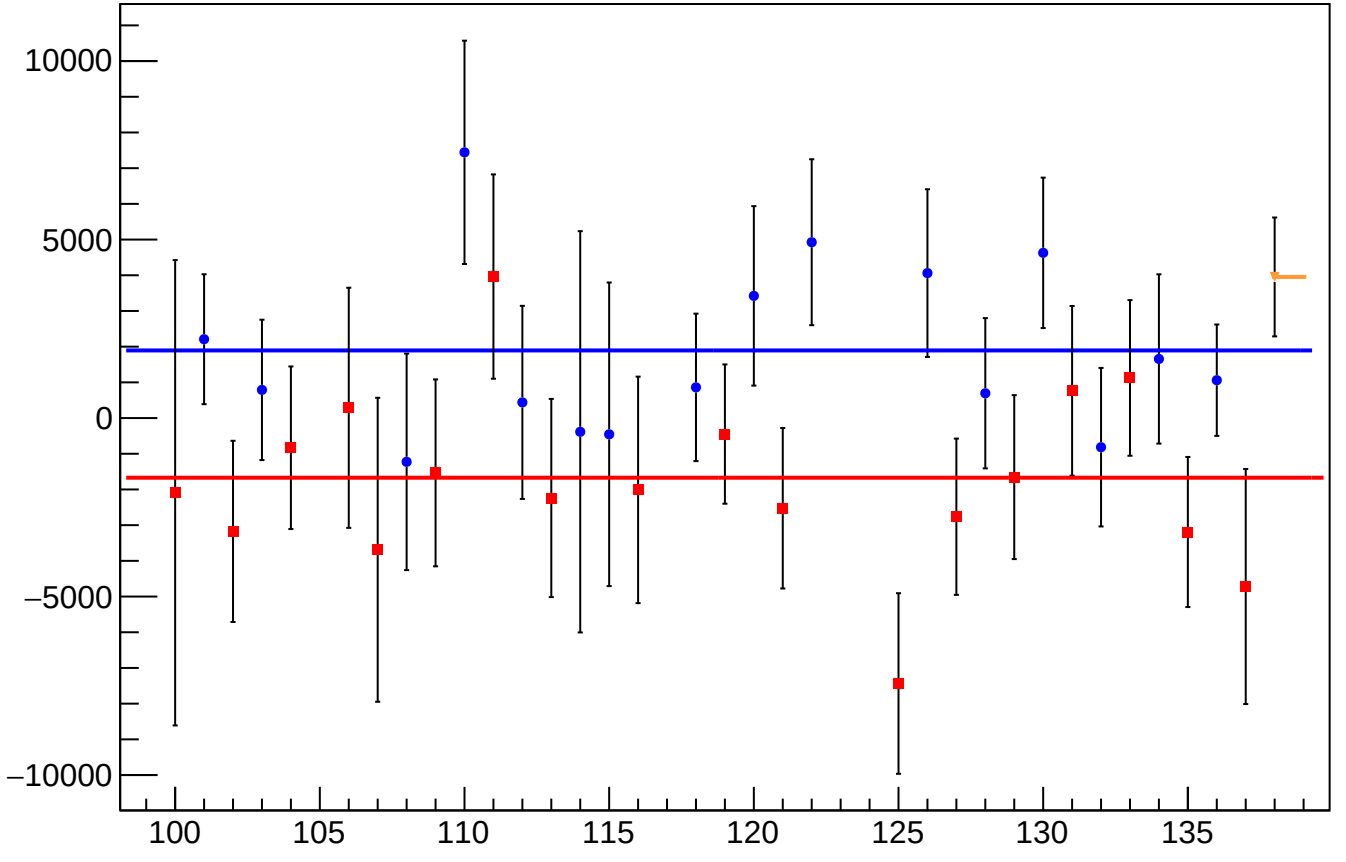
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 716.251+/-0.197 χ^2/NDF: 2591635.7/16

All: 772.922+/-0.153 χ^2/NDF: 4680905.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1894.169+/-577.630 χ^2/NDF: 12.3/15

Left Out: 3952.886+/-1665.090 χ^2/NDF:0.0/0

Right Out: -1670.931+/-604.838 χ^2/NDF: 15.0/17

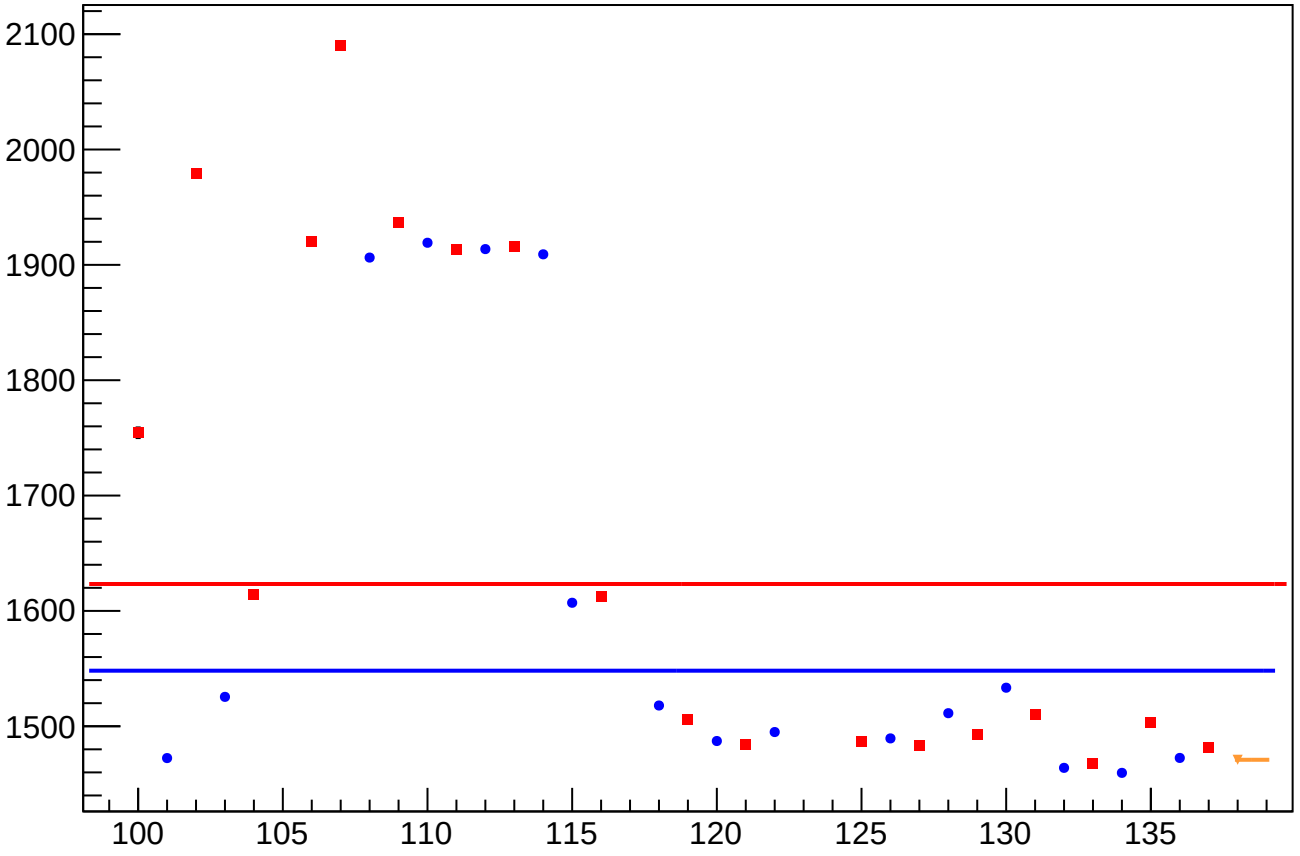
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2115.310+/-545.726 χ^2/NDF: 13.6/16

All: 416.202+/-405.177 χ^2/NDF: 50.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1548.174+/-0.408 χ^2/NDF: 119905.4/15

Left Out: 1470.942+/-1.177 χ^2/NDF:0.0/0

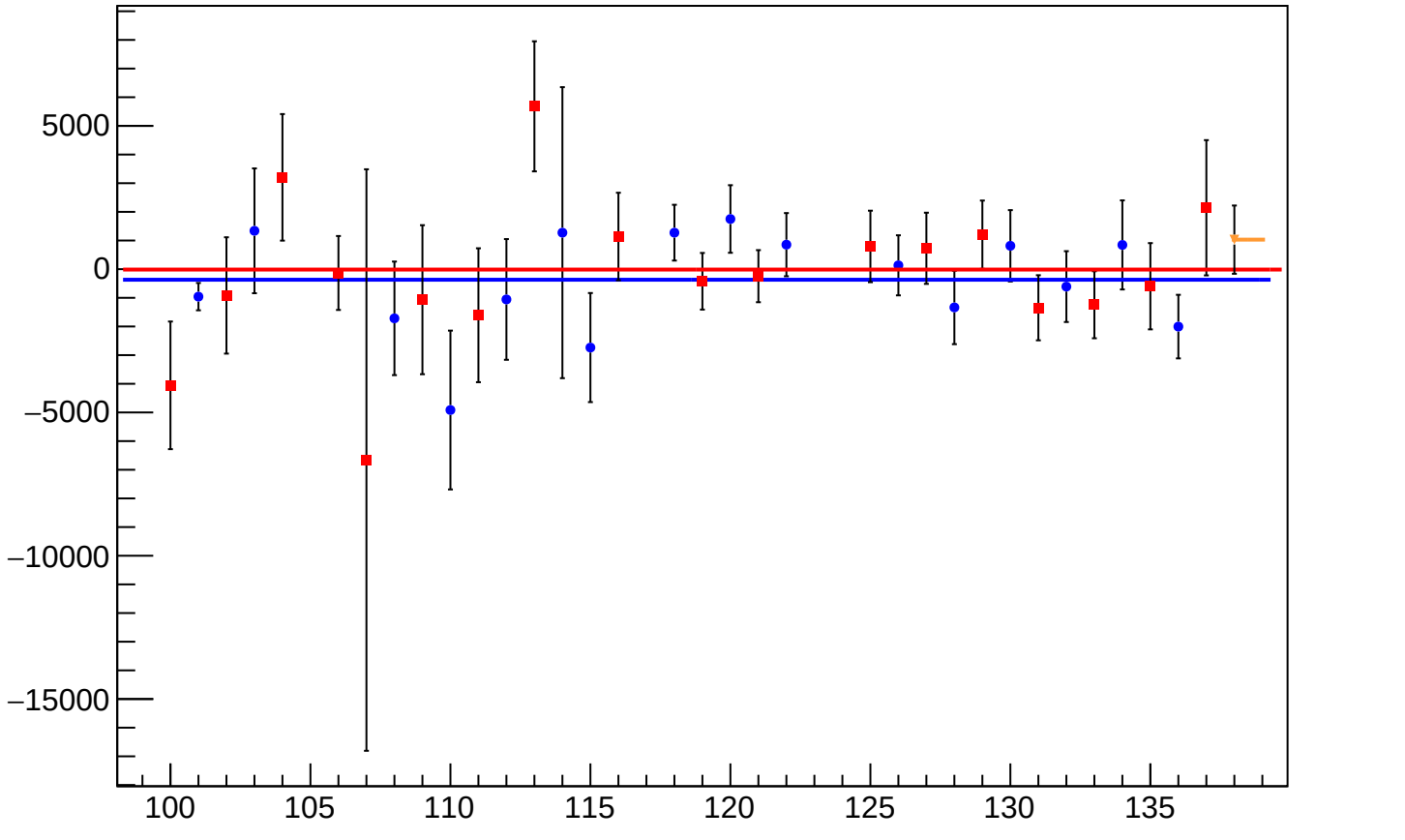
Right Out: 1623.330+/-0.428 χ^2/NDF: 211533.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1539.878+/-0.386 χ^2/NDF: 123745.9/16

All: 1577.328+/-0.287 χ^2/NDF: 356267.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -368.707+/-286.576 χ^2/NDF: 18.9/15

Left Out: 1030.513+/-1190.452 χ^2/NDF:0.0/0

Right Out: -13.730+/-341.568 χ^2/NDF: 19.1/17

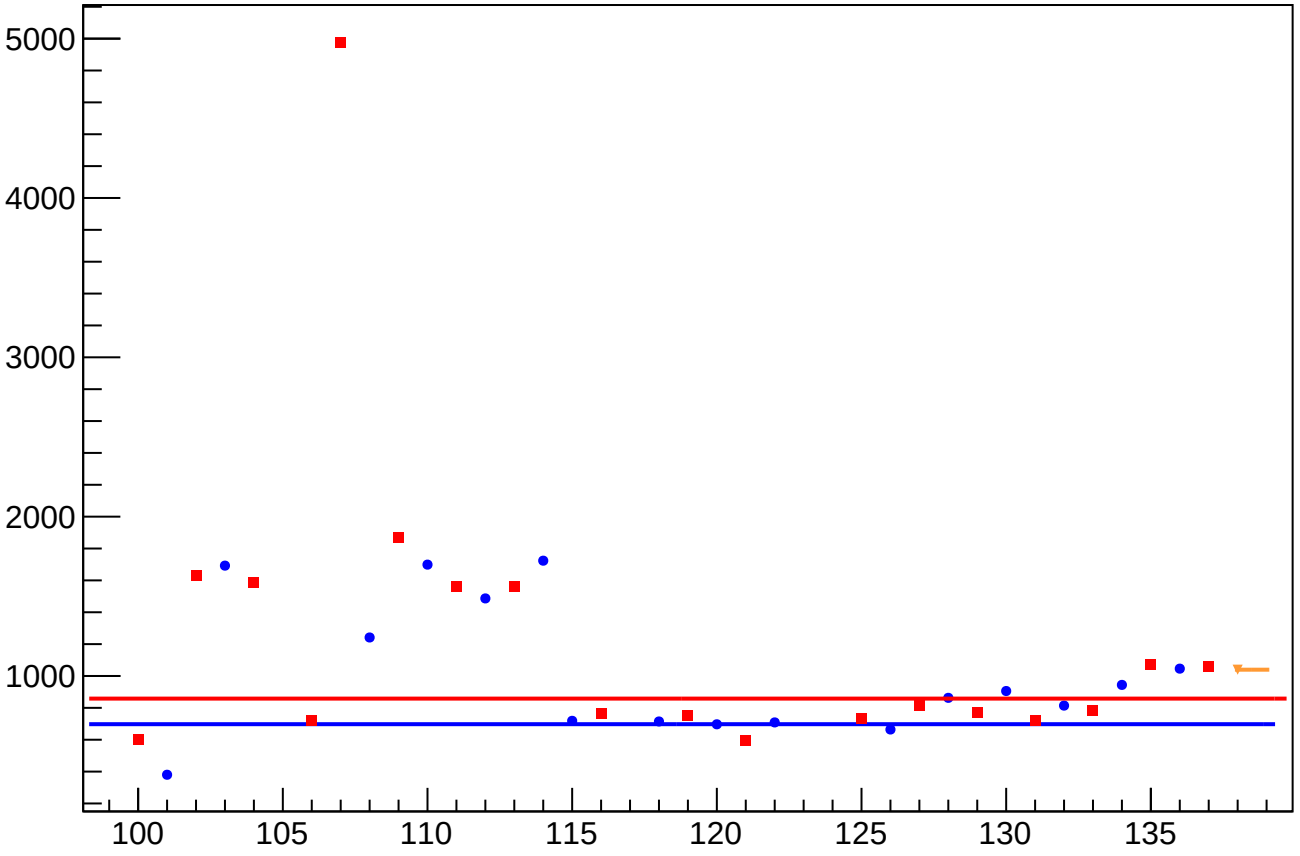
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -292.063+/-278.617 χ^2/NDF: 20.2/16

All: -180.860+/-215.900 χ^2/NDF: 39.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 697.517+/-0.203 χ^2/NDF: 2435593.9/15

Left Out: 1039.528+/-0.842 χ^2/NDF:0.0/0

Right Out: 858.094+/-0.242 χ^2/NDF: 1882174.1/17

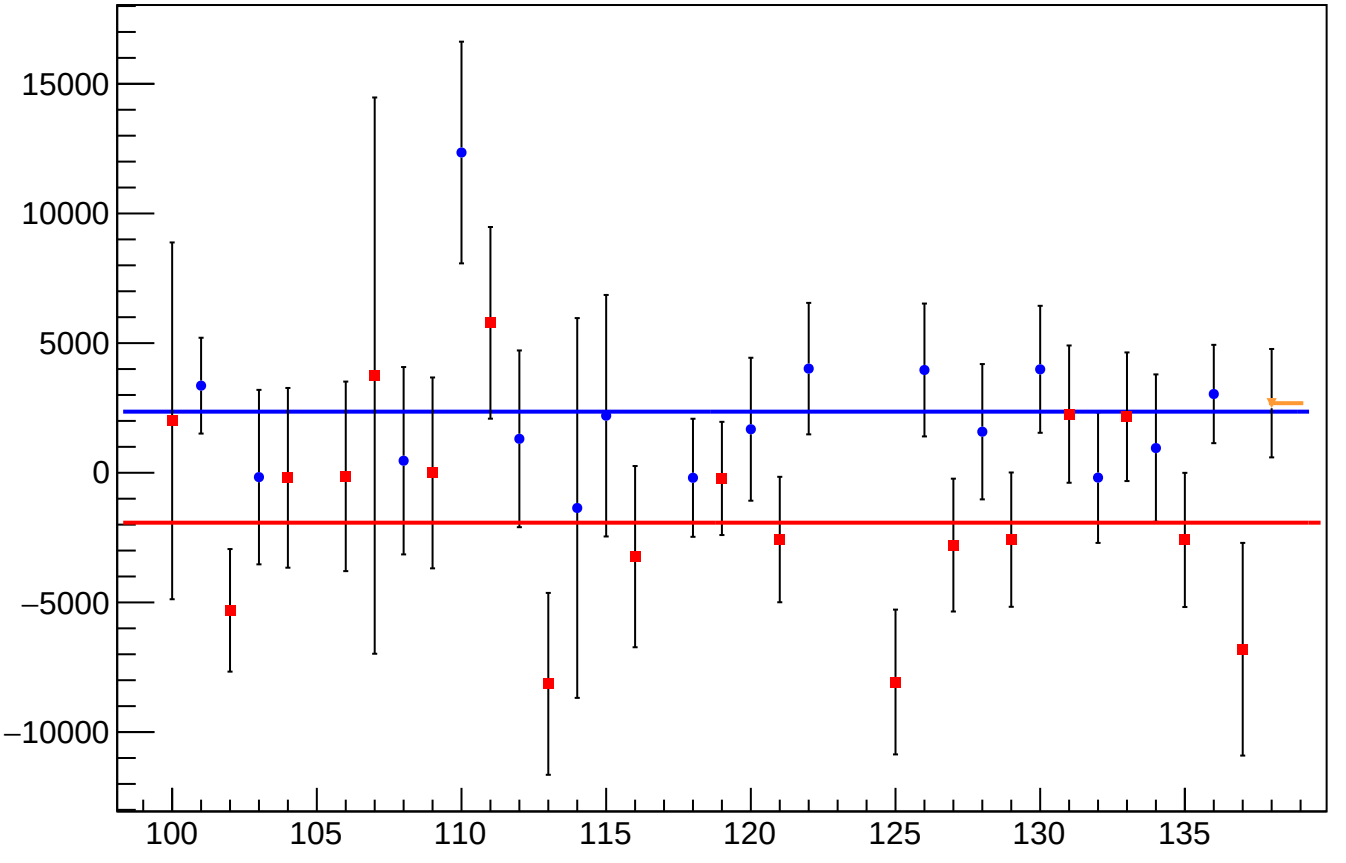
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 716.251+/-0.197 χ^2/NDF: 2591629.1/16

All: 772.921+/-0.153 χ^2/NDF: 4680903.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2356.998+/-678.944 χ^2/NDF: 11.0/15

Left Out: 2683.909+/-2090.377 χ^2/NDF:0.0/0

Right Out: -1924.824+/-706.809 χ^2/NDF: 23.4/17

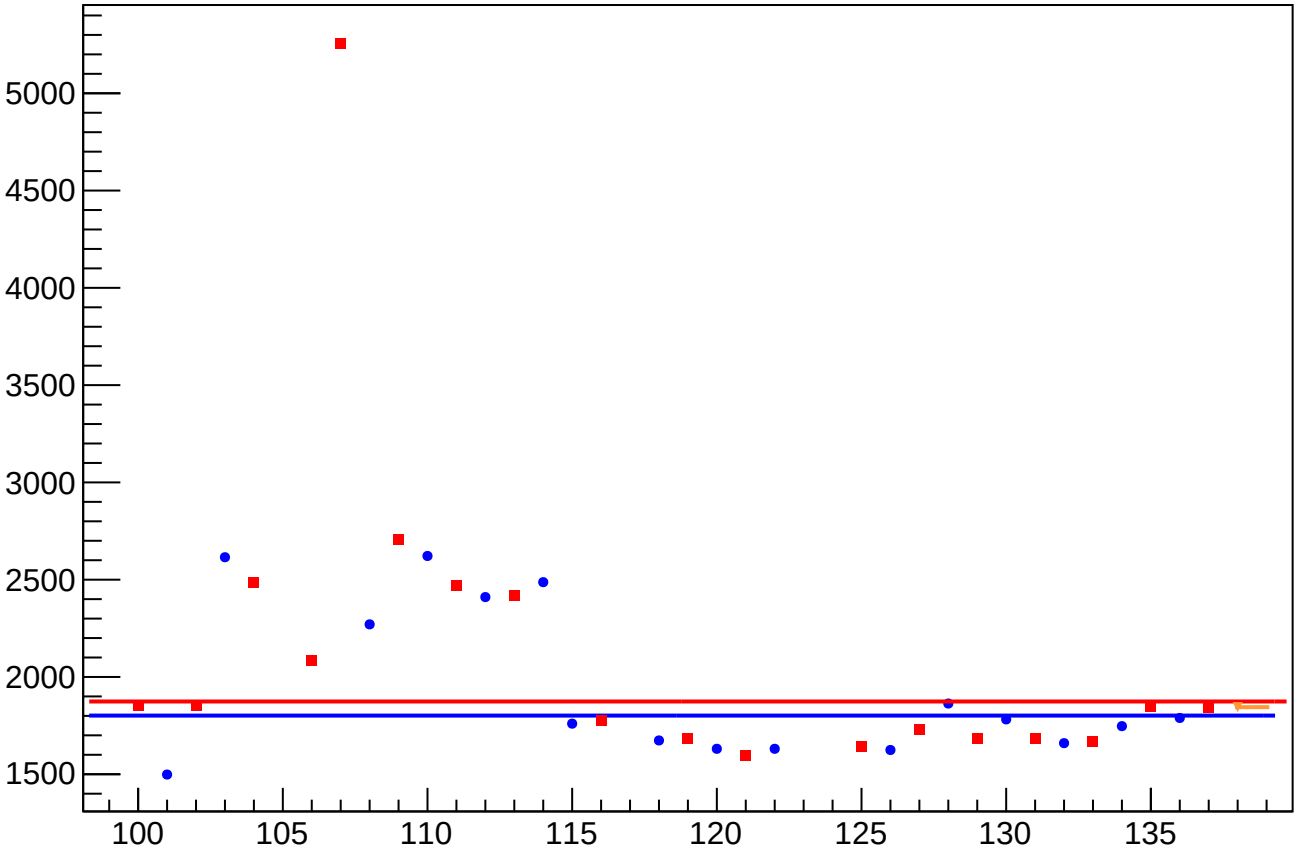
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2388.193+/-645.737 χ^2/NDF: 11.0/16

All: 426.034+/-476.737 χ^2/NDF: 54.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 1801.529+/-0.480 χ^2/NDF: 400702.5/15

Left Out: 1844.860+/-1.478 χ^2/NDF:0.0/0

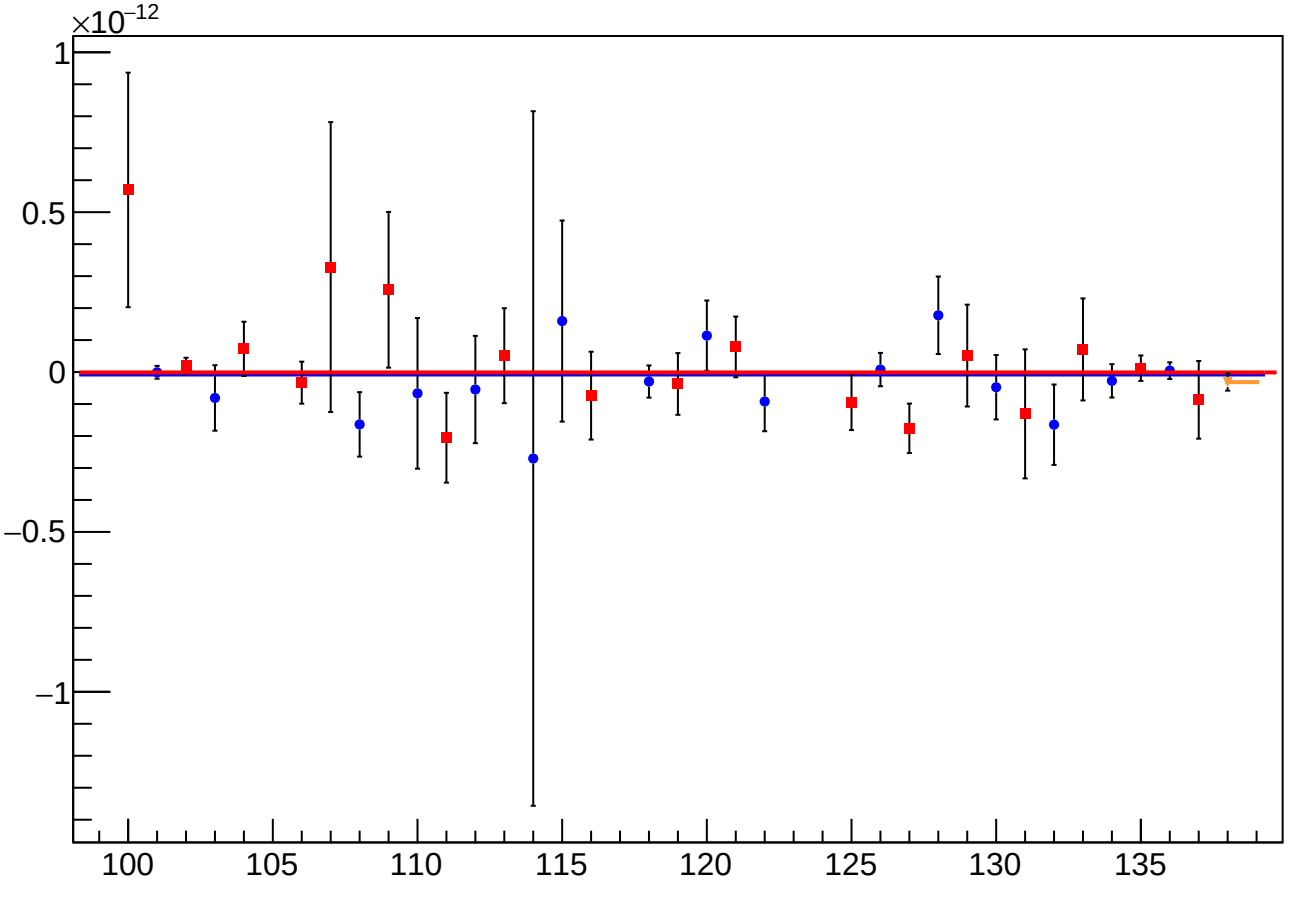
Right Out: 1873.976+/-0.500 χ^2/NDF: 569909.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1805.664+/-0.457 χ^2/NDF: 401479.9/16

All: 1836.742+/-0.337 χ^2/NDF: 981571.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 10.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

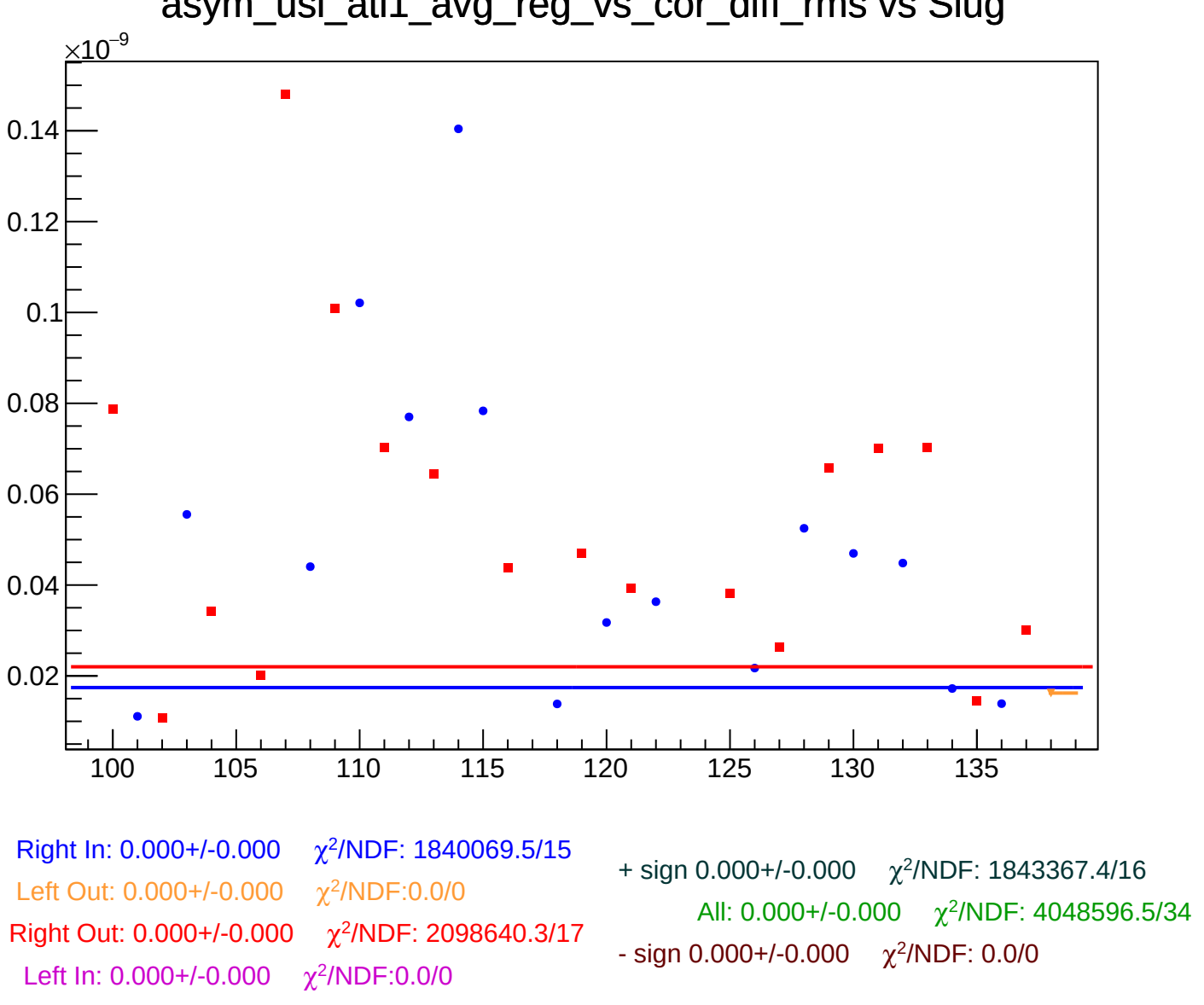
Right Out: -0.000+/-0.000 χ^2/NDF: 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

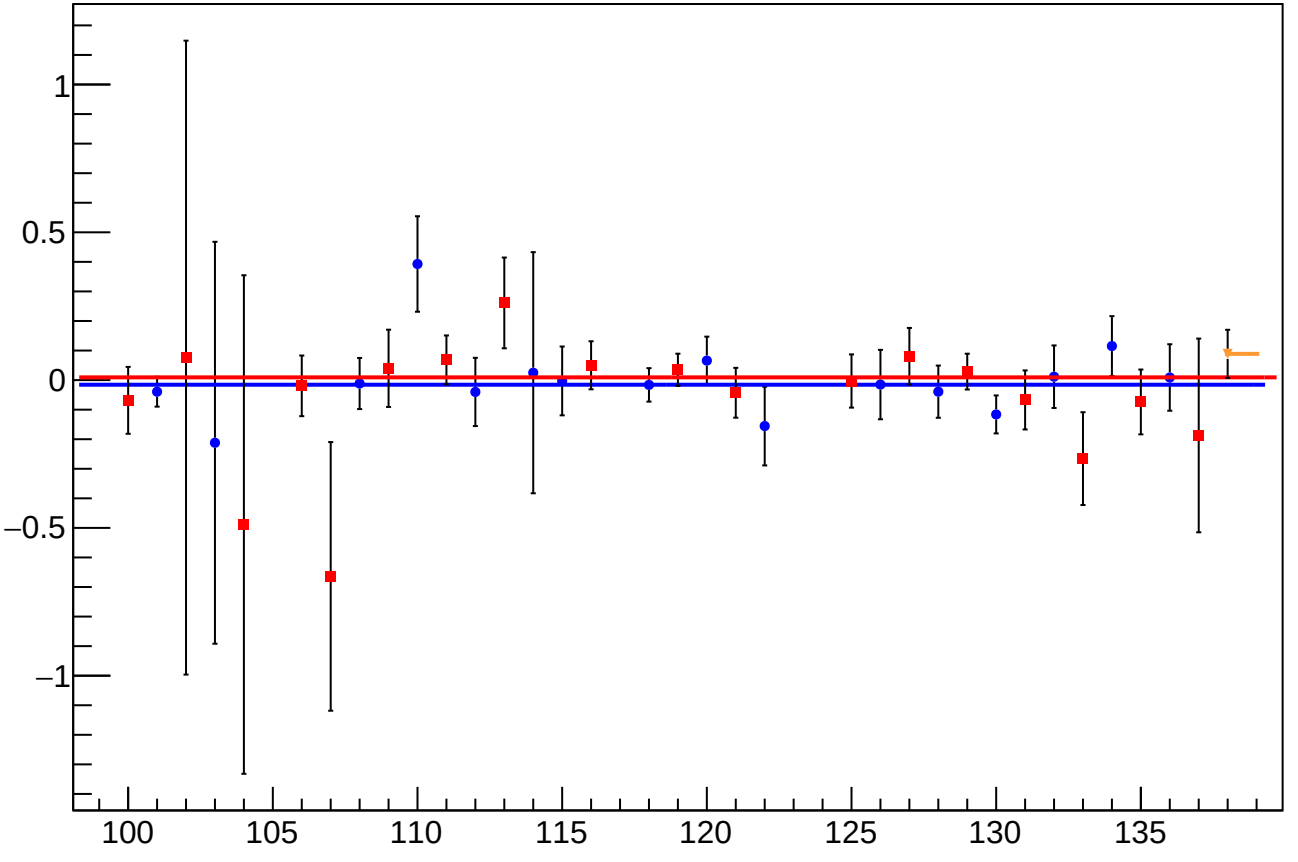
+ sign -0.000+/-0.000 χ^2/NDF: 10.9/16

All: -0.000+/-0.000 χ^2/NDF: 27.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1840069.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2098640.3/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1843367.4/16
All: 0.000+/-0.000 χ²/NDF: 4048596.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.016+/-0.023 χ^2/NDF: 13.2/15

Left Out: 0.089+/-0.081 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.024 χ^2/NDF: 12.5/17

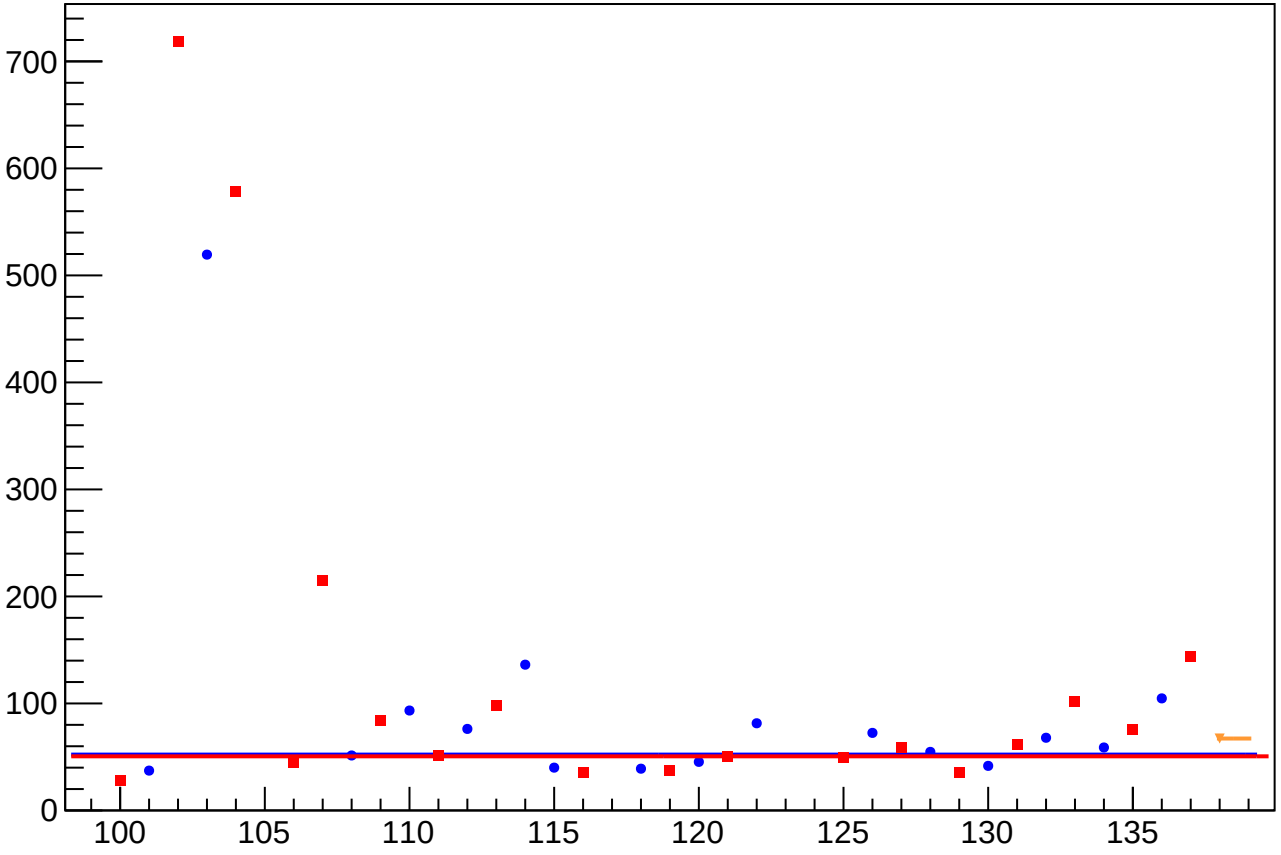
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.022 χ^2/NDF: 14.7/16

All: -0.000+/-0.016 χ^2/NDF: 27.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 52.191+/-0.016 χ^2/NDF: 2266928.1/15

Left Out: 67.215+/-0.058 χ^2/NDF:0.0/0

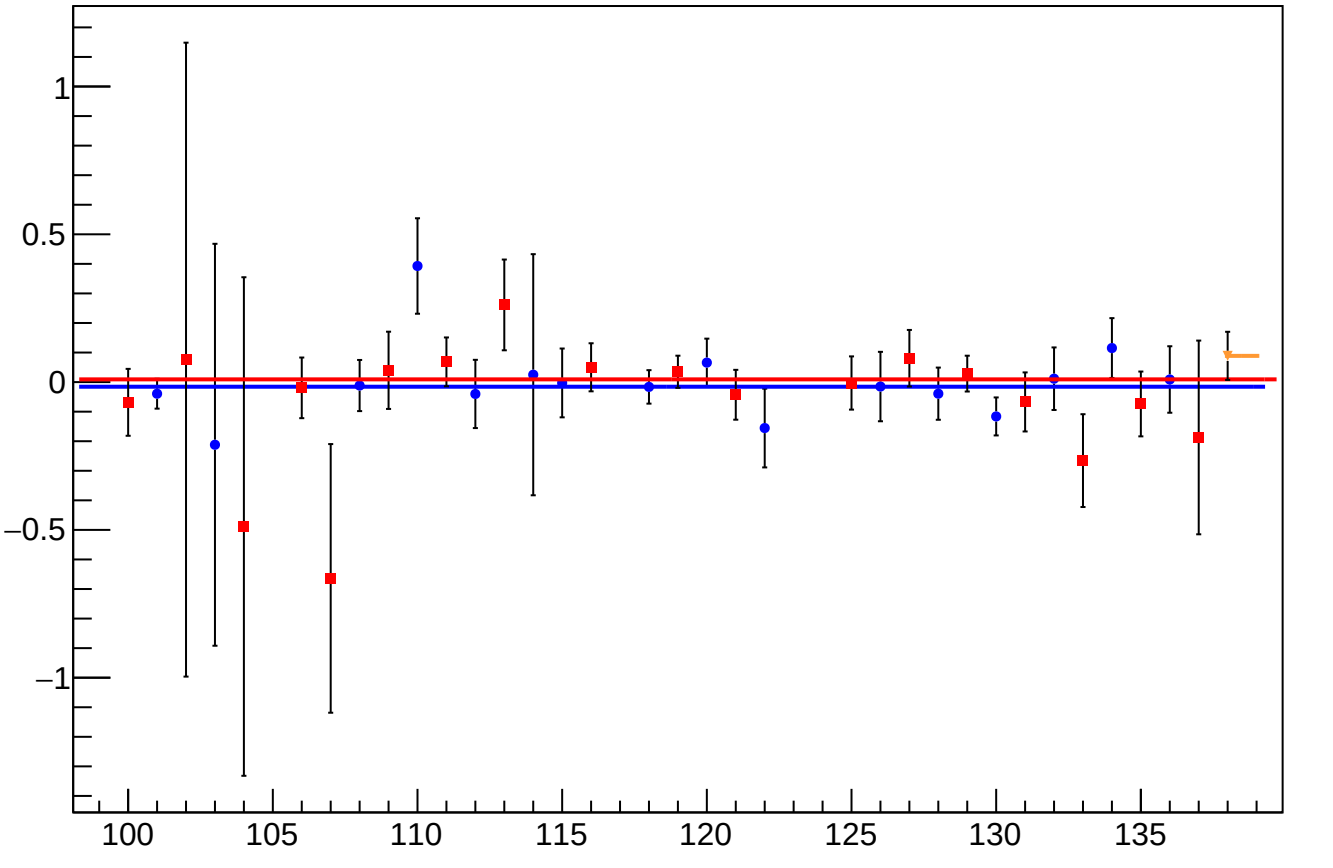
Right Out: 50.582+/-0.017 χ^2/NDF: 3051379.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.268+/-0.015 χ^2/NDF: 2330067.3/16

All: 52.030+/-0.011 χ^2/NDF: 5395419.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.023 χ^2/NDF: 13.2/15

Left Out: 0.089+/-0.081 χ^2/NDF:0.0/0

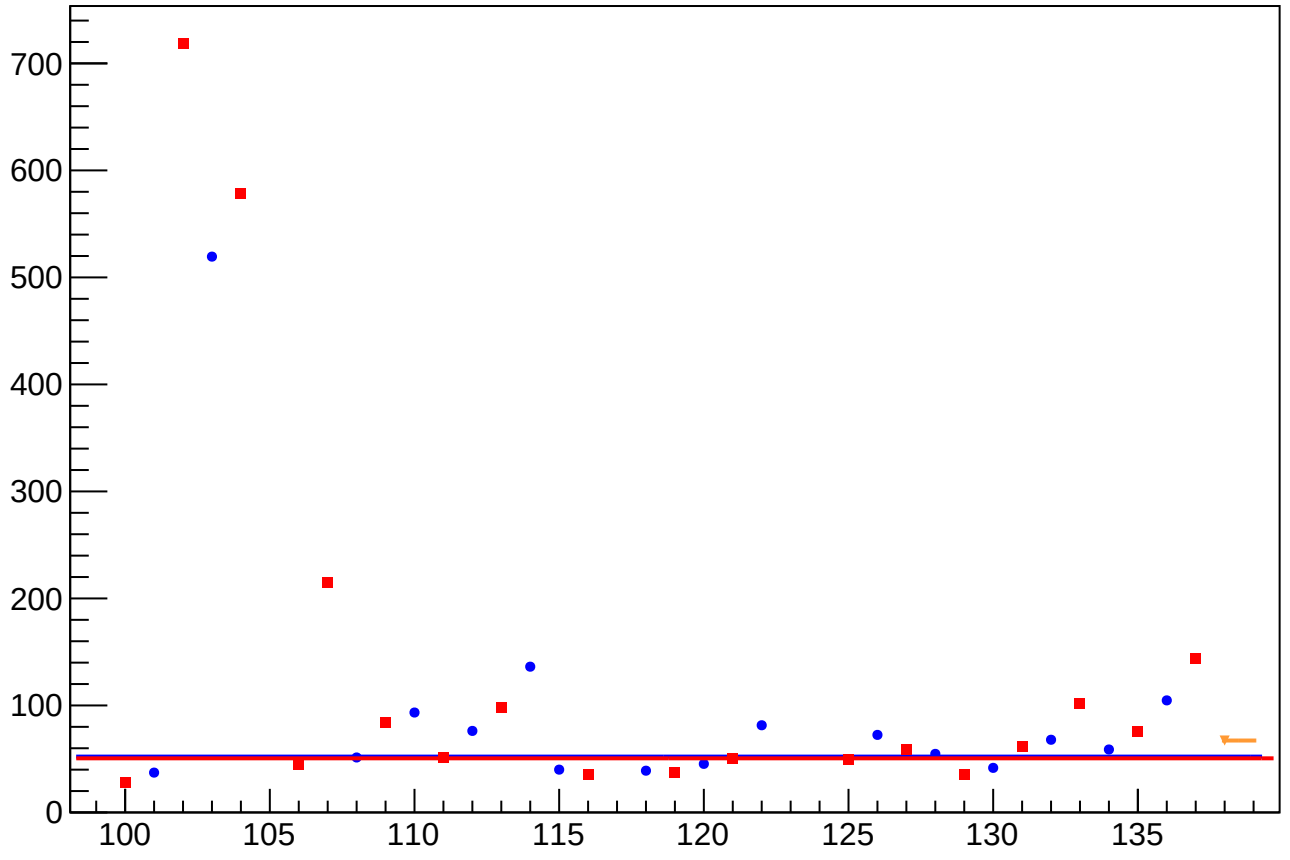
Right Out: 0.009+/-0.024 χ^2/NDF: 12.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.022 χ^2/NDF: 14.7/16

All: -0.000+/-0.016 χ^2/NDF: 27.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 52.191+/-0.016 χ^2/NDF: 2266928.1/15

Left Out: 67.215+/-0.058 χ^2/NDF:0.0/0

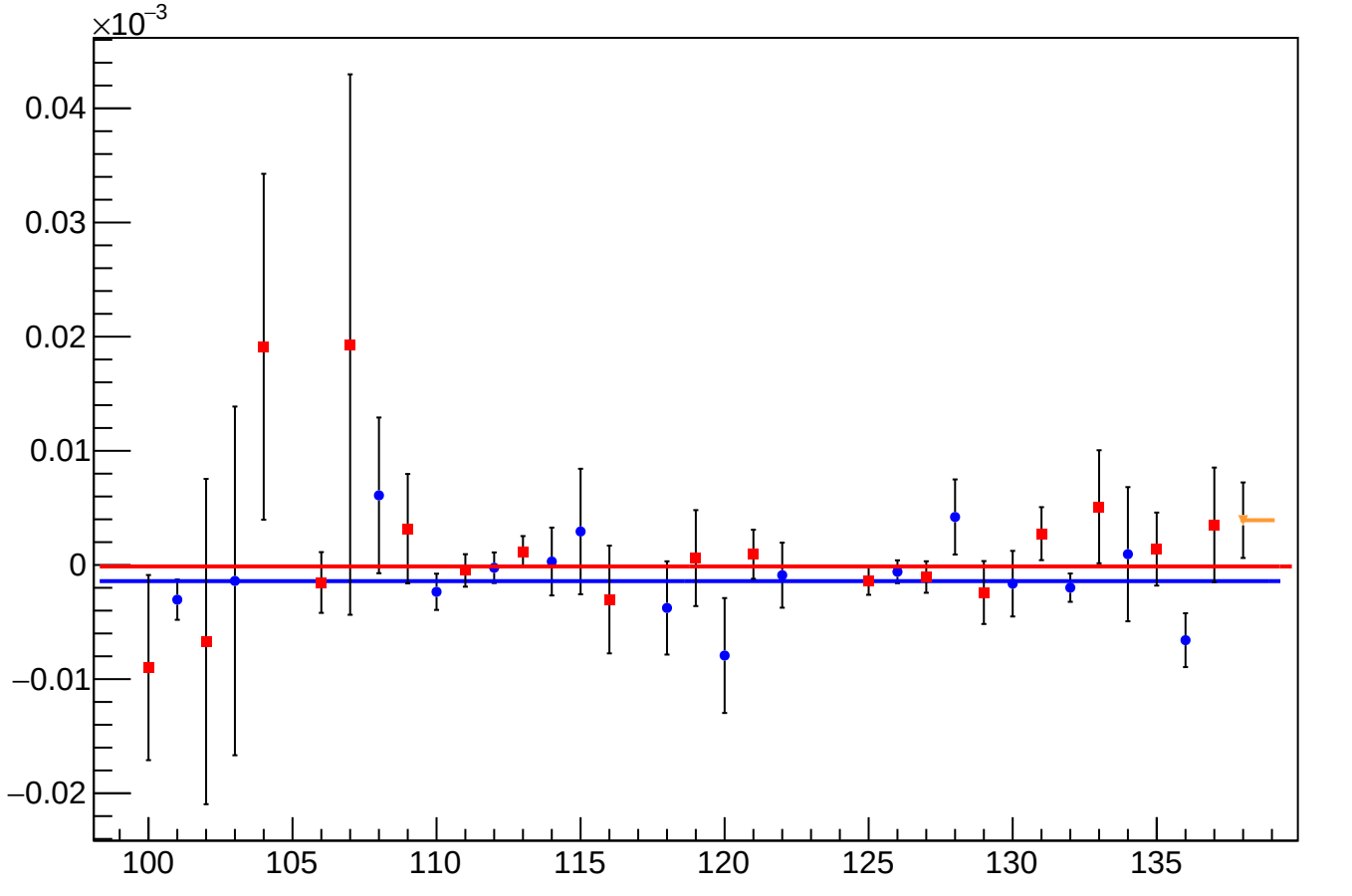
Right Out: 50.582+/-0.017 χ^2/NDF: 3051379.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.268+/-0.015 χ^2/NDF: 2330067.3/16

All: 52.030+/-0.011 χ^2/NDF: 5395419.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

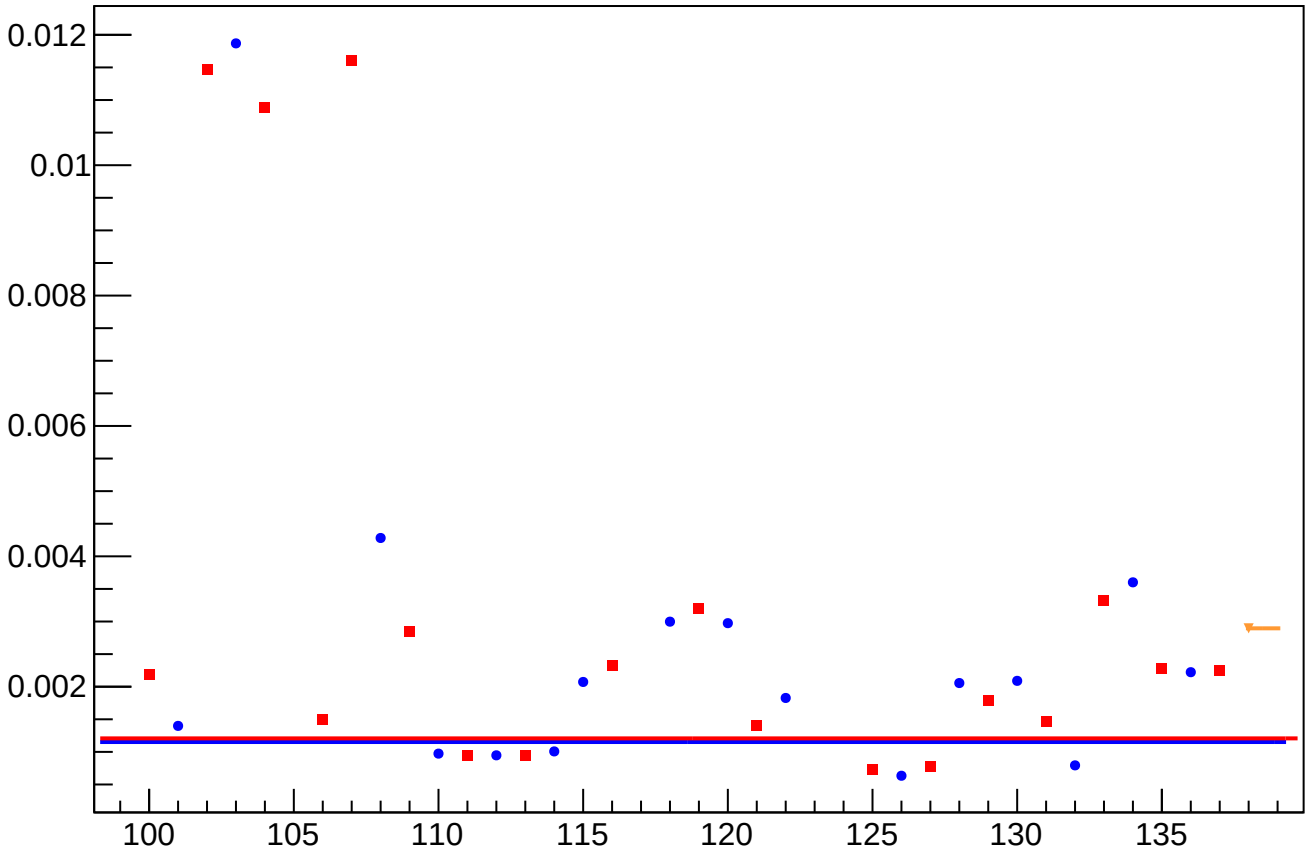
Right Out: -0.000+/-0.000 χ^2/NDF: 11.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.5/16

All: -0.000+/-0.000 χ^2/NDF: 31.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 4187928.7/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

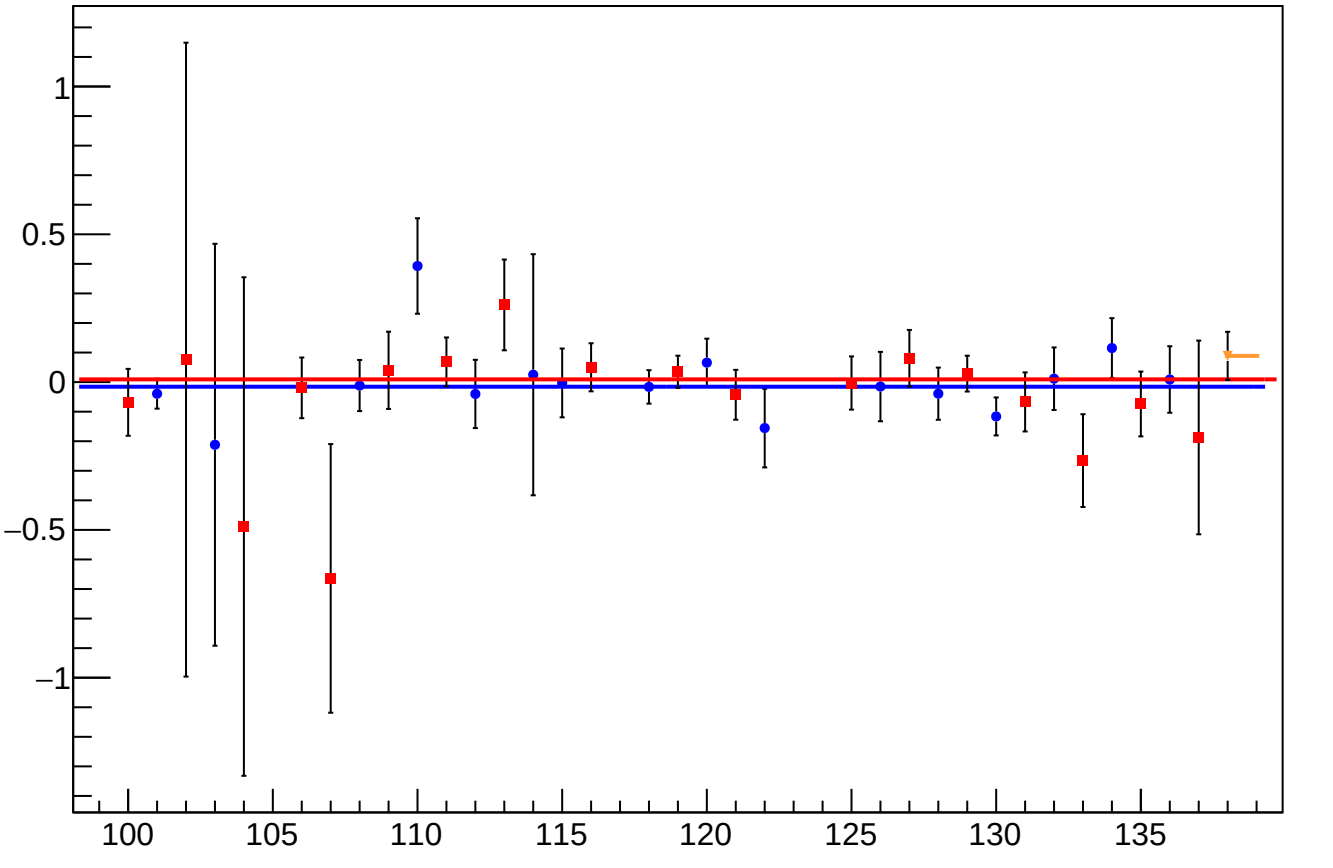
Right Out: 0.001+/-0.000 χ^2/NDF: 4521920.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 4730815.5/16

All: 0.001+/-0.000 χ^2/NDF: 9253441.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.023 χ^2/NDF: 13.2/15

Left Out: 0.089+/-0.081 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.024 χ^2/NDF: 12.5/17

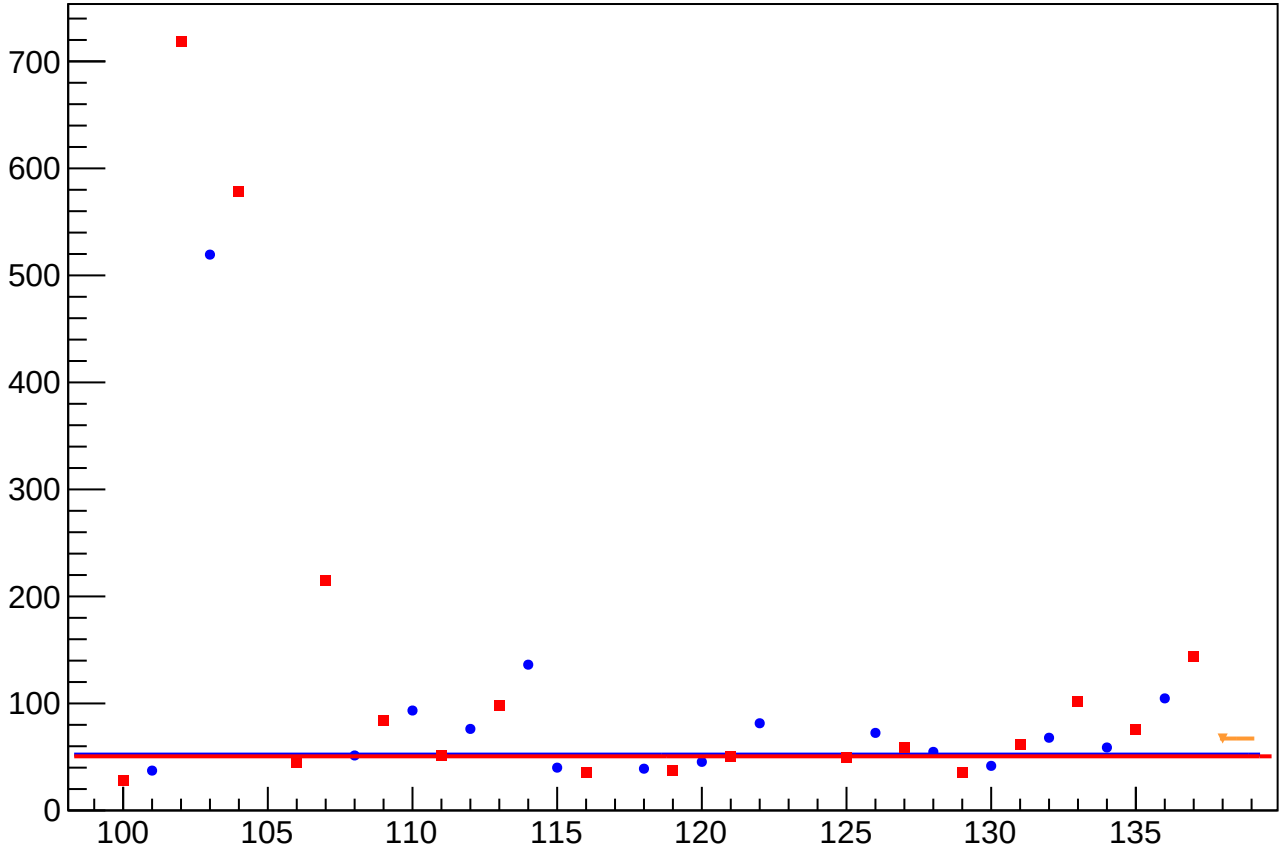
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.022 χ^2/NDF: 14.7/16

All: -0.000+/-0.016 χ^2/NDF: 27.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 52.191+/-0.016 χ^2/NDF: 2266922.0/15

Left Out: 67.214+/-0.058 χ^2/NDF:0.0/0

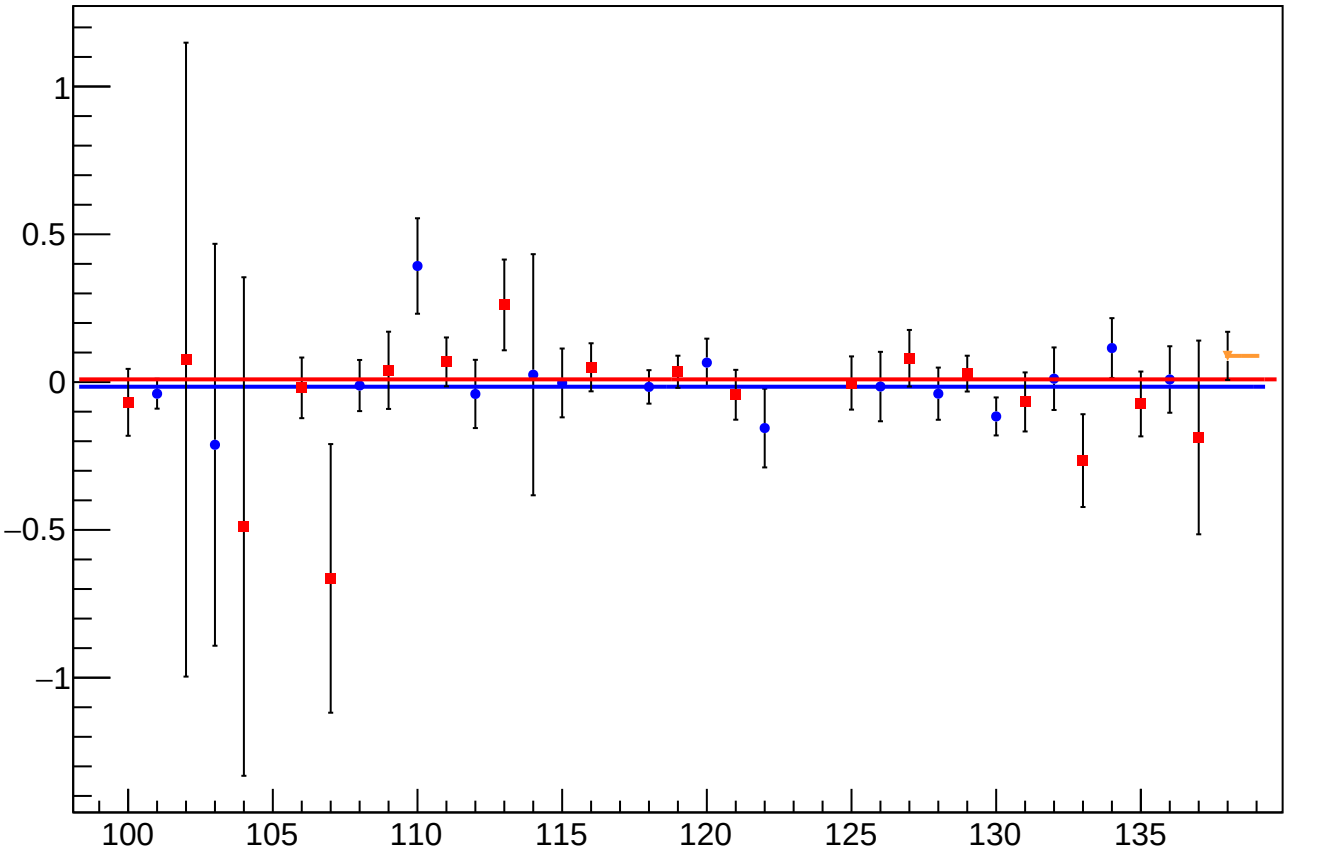
Right Out: 50.582+/-0.017 χ^2/NDF: 3051364.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.268+/-0.015 χ^2/NDF: 2330059.7/16

All: 52.030+/-0.011 χ^2/NDF: 5395397.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.023 χ^2/NDF: 13.2/15

Left Out: 0.089+/-0.081 χ^2/NDF:0.0/0

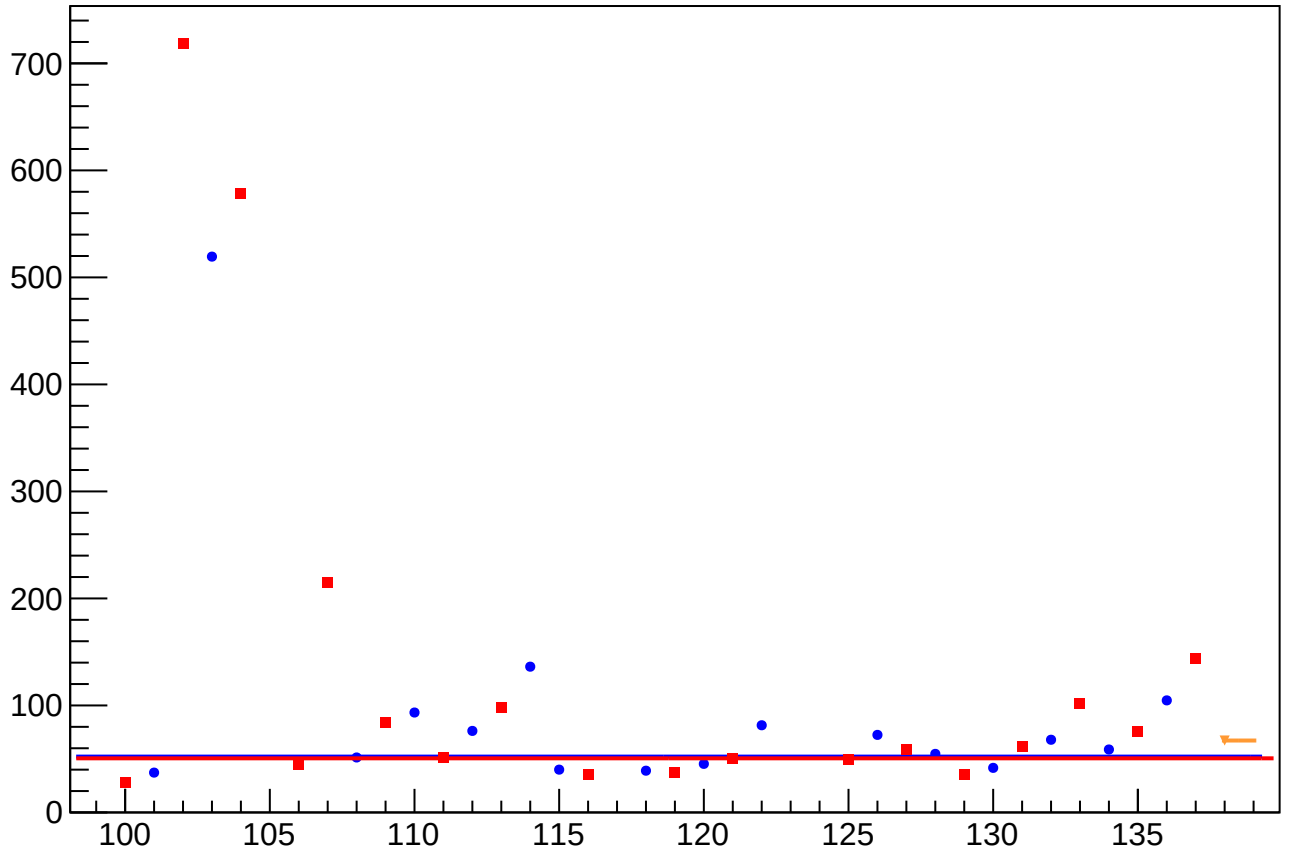
Right Out: 0.009+/-0.024 χ^2/NDF: 12.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.022 χ^2/NDF: 14.7/16

All: -0.000+/-0.016 χ^2/NDF: 27.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 52.191+/-0.016 χ^2/NDF: 2266922.0/15

Left Out: 67.214+/-0.058 χ^2/NDF:0.0/0

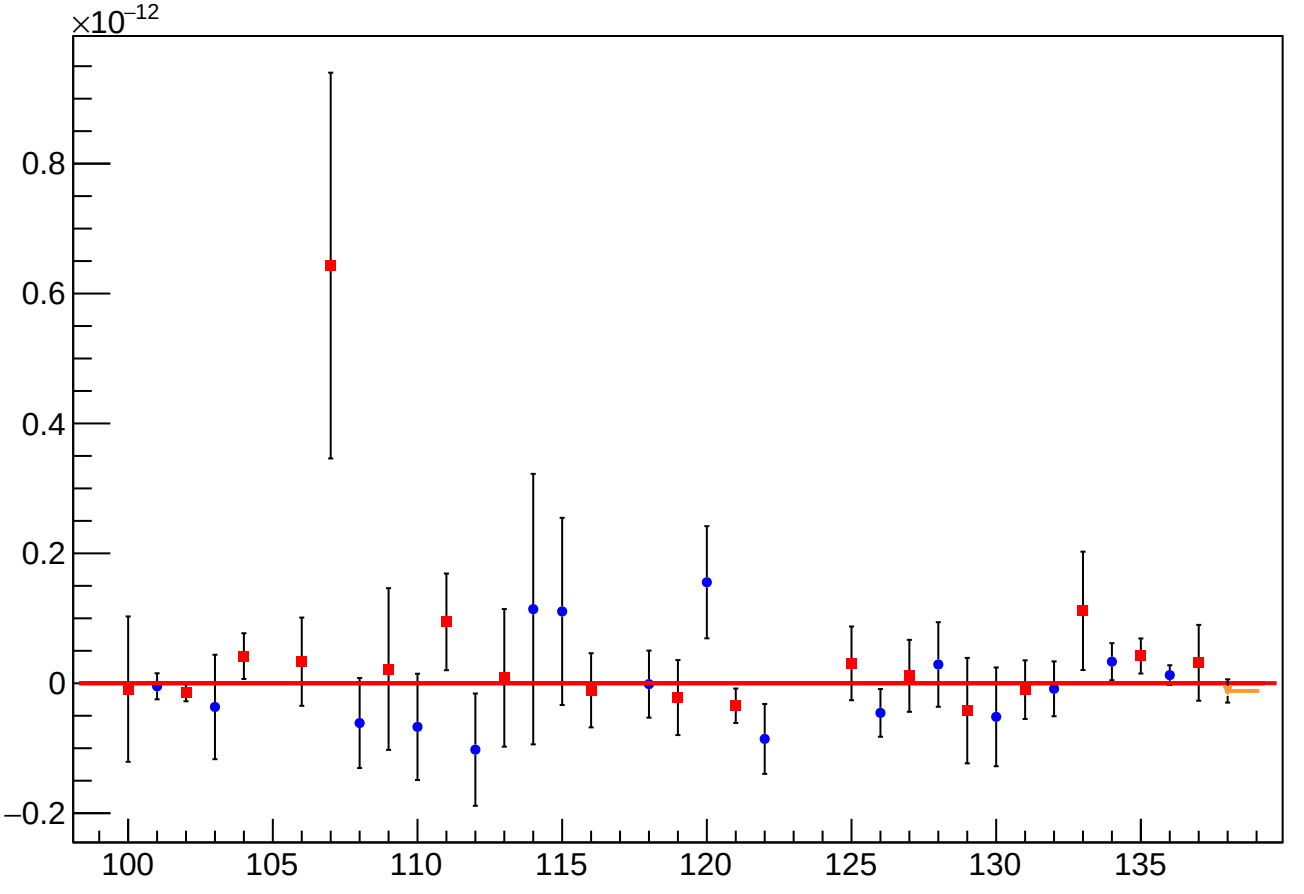
Right Out: 50.582+/-0.017 χ^2/NDF: 3051364.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.268+/-0.015 χ^2/NDF: 2330059.7/16

All: 52.030+/-0.011 χ^2/NDF: 5395397.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

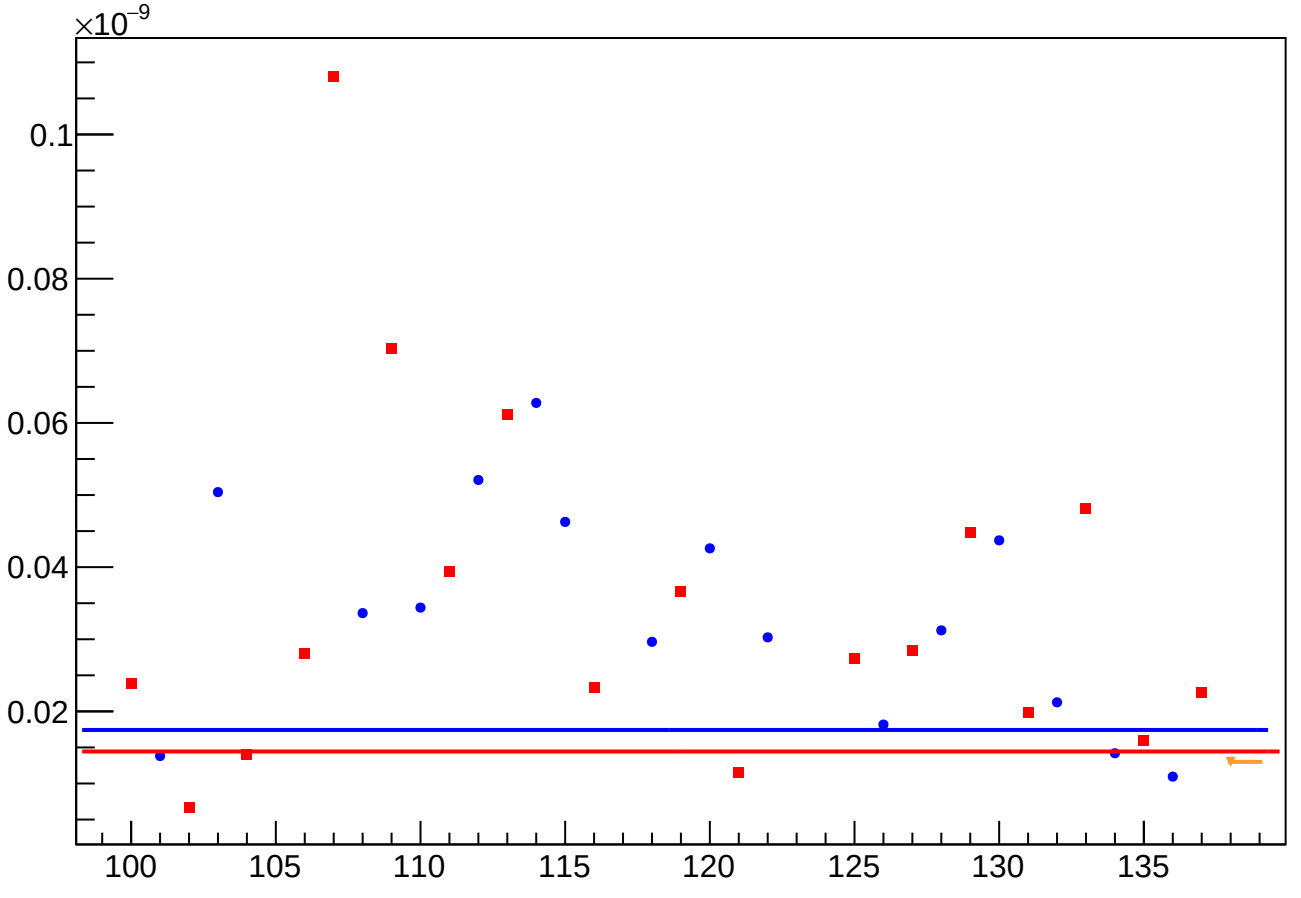
Right Out: 0.000+/-0.000 χ^2/NDF: 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 14.4/16

All: -0.000+/-0.000 χ^2/NDF: 30.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2224531.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3261103.3/17

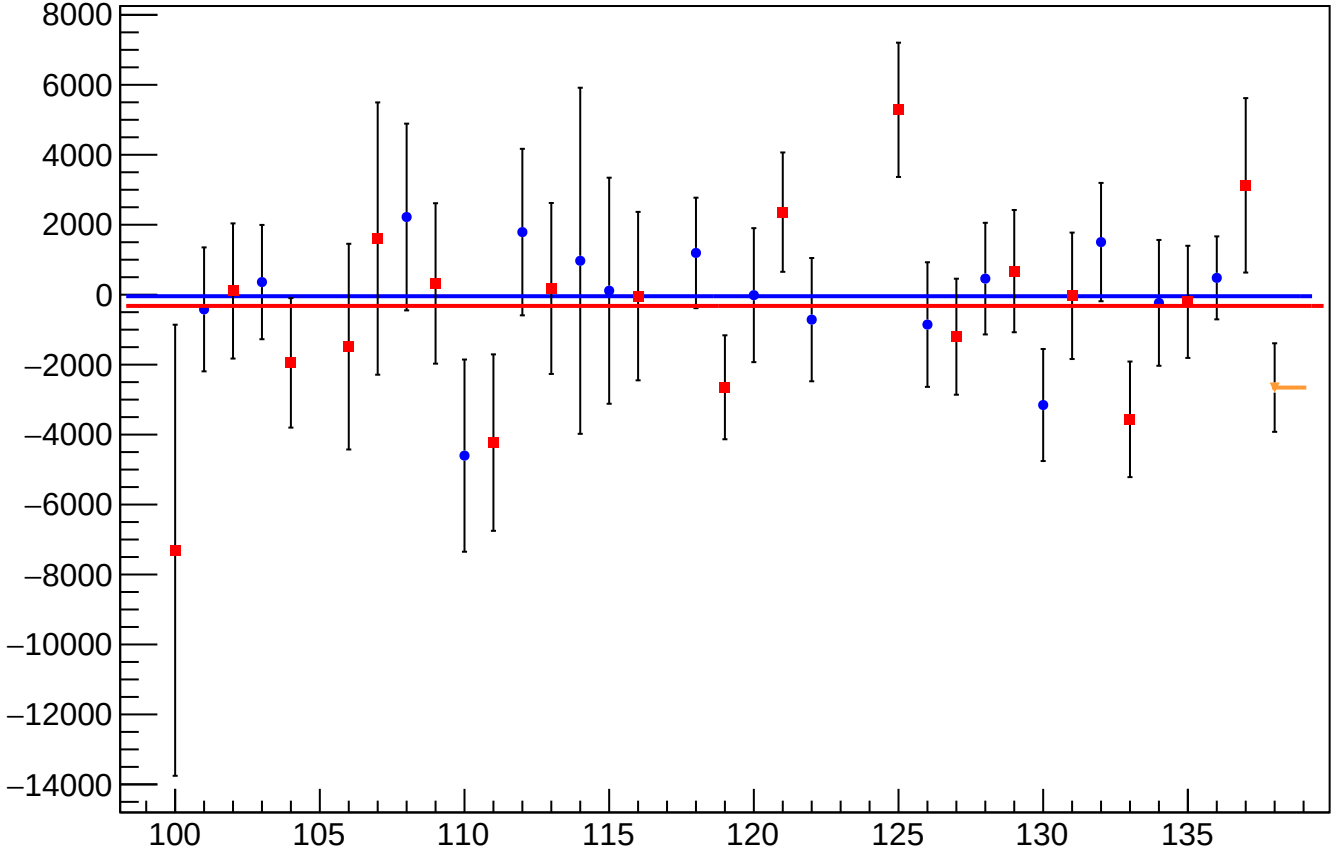
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2319840.3/16

All: 0.000+/-0.000 χ^2/NDF: 5636378.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: -43.681+/-459.222 χ^2/NDF: 10.1/15

Left Out: -2655.139+/-1265.822 χ^2/NDF:0.0/0

Right Out: -321.266+/-474.939 χ^2/NDF: 24.8/17

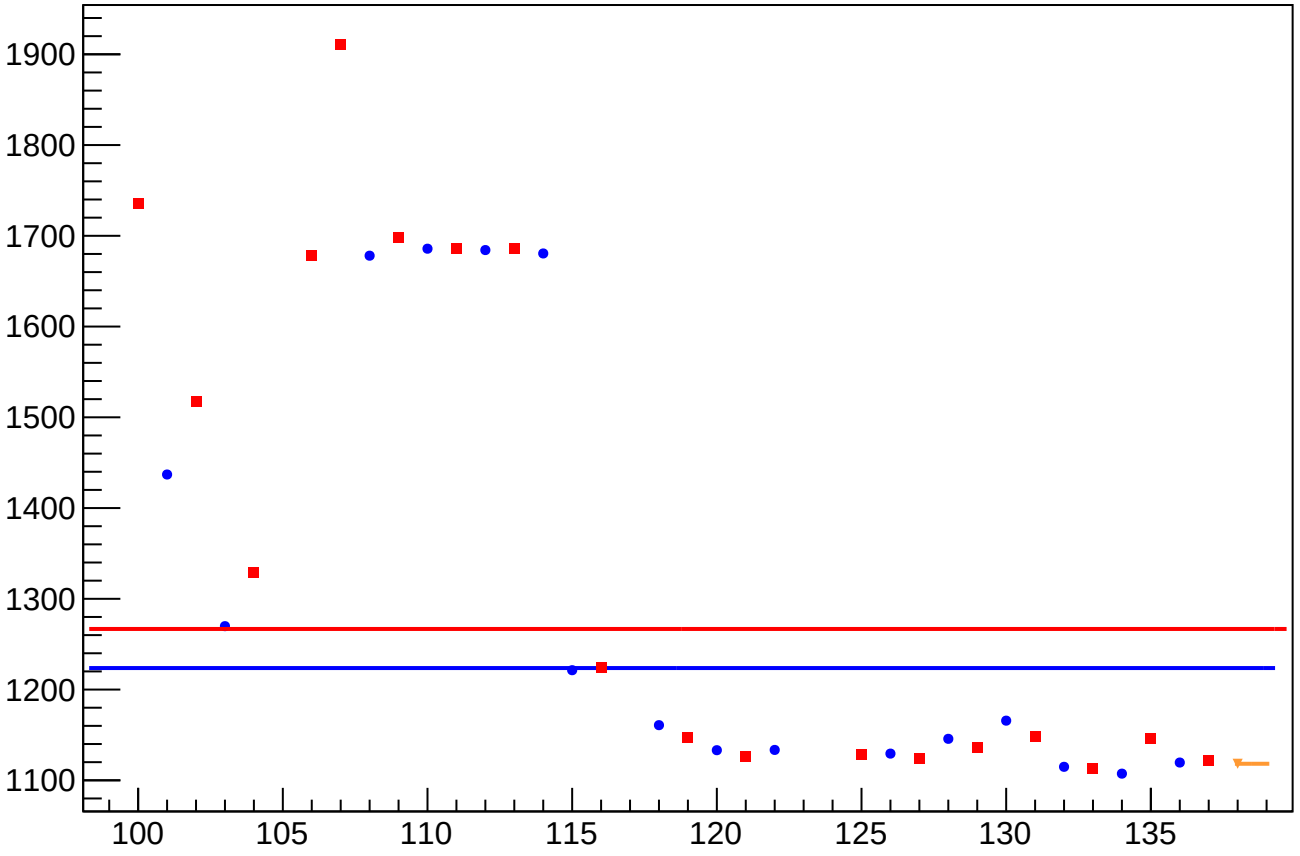
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -347.409+/-431.691 χ^2/NDF: 13.9/16

All: -335.581+/-319.450 χ^2/NDF: 38.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1223.705+/-0.325 χ^2/NDF: 294966.1/15

Left Out: 1118.242+/-0.895 χ^2/NDF:0.0/0

Right Out: 1266.780+/-0.336 χ^2/NDF: 432845.4/17

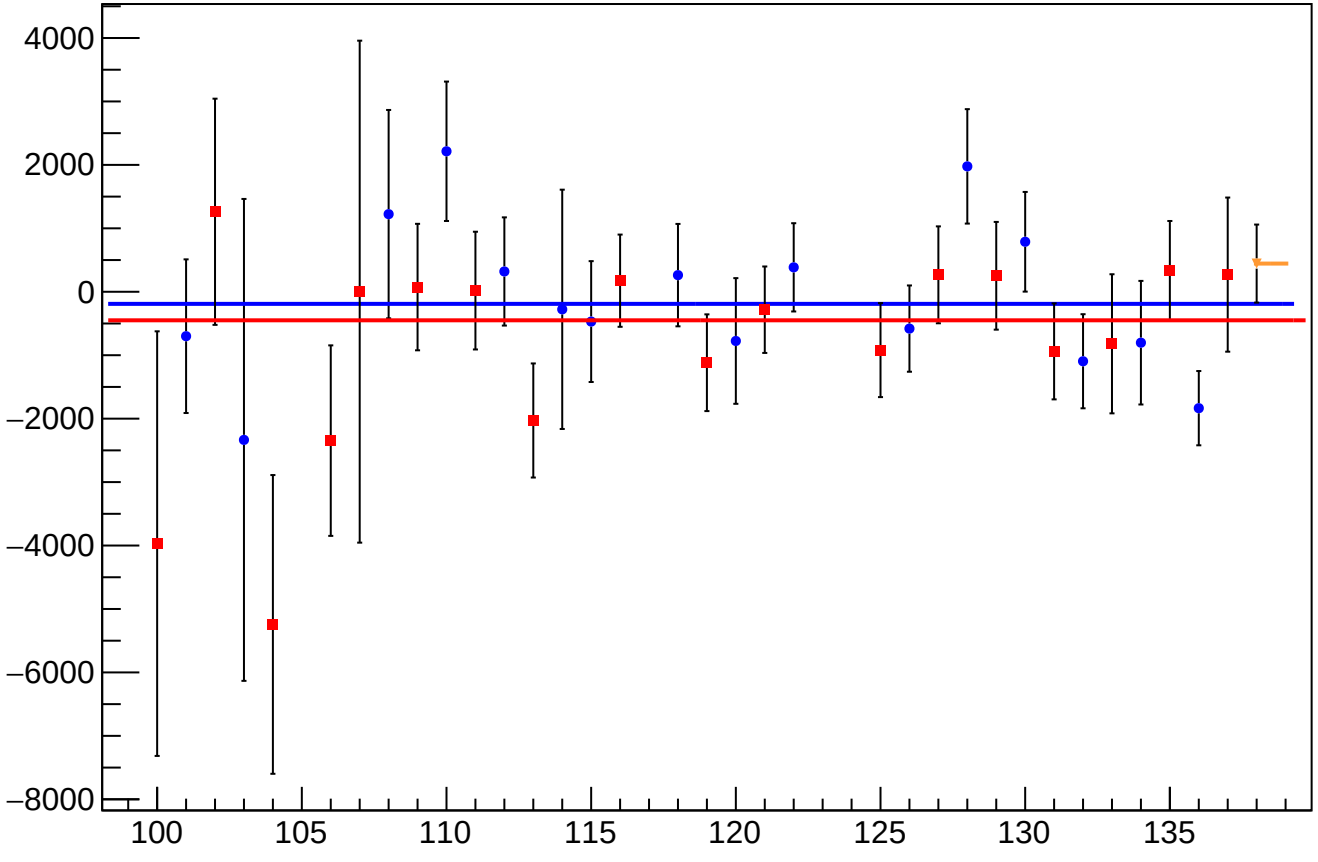
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1211.439+/-0.305 χ^2/NDF: 307234.5/16

All: 1236.476+/-0.226 χ^2/NDF: 754949.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: -190.634+/-222.869 χ^2/NDF: 25.2/15

Left Out: 444.350+/-615.019 χ^2/NDF:0.0/0

Right Out: -449.847+/-223.203 χ^2/NDF: 16.8/17

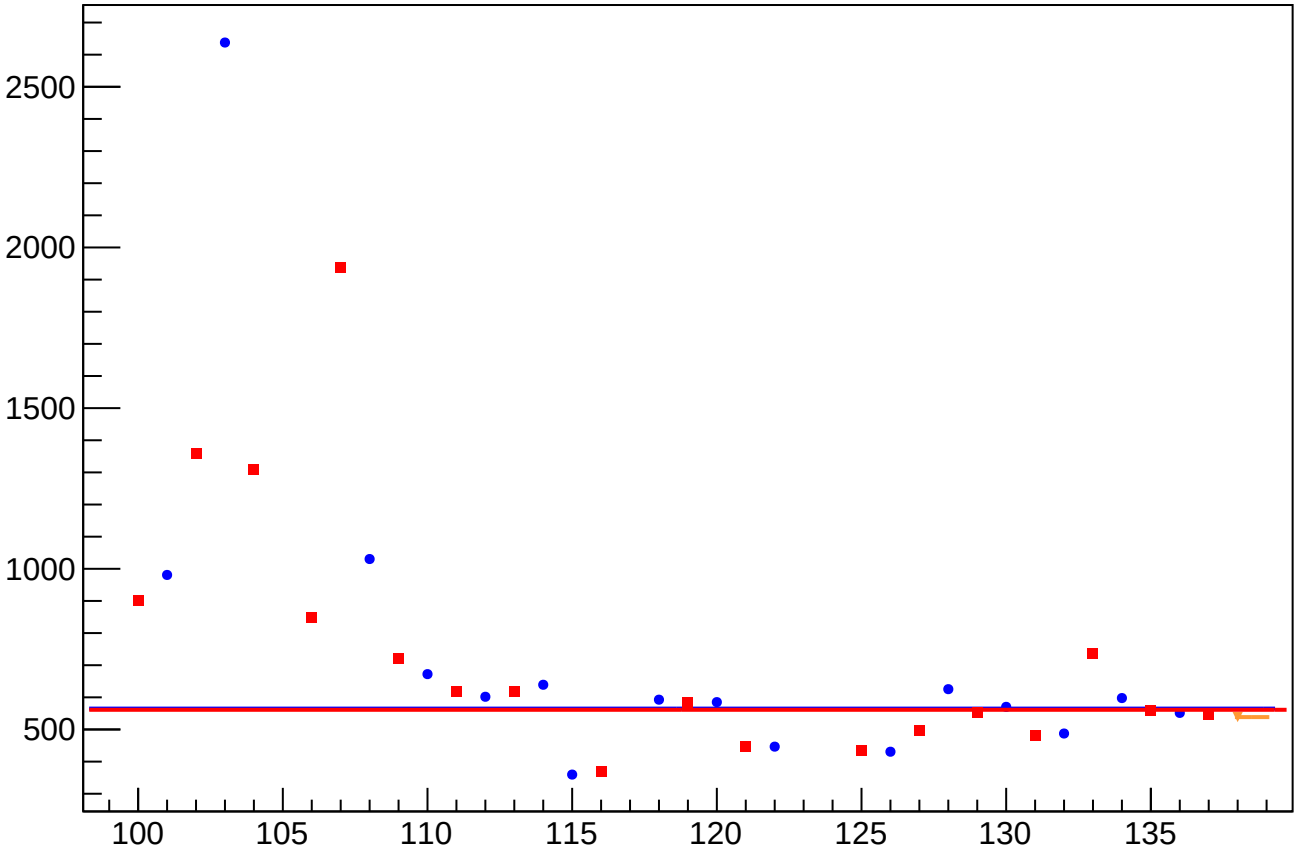
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -116.929+/-209.535 χ^2/NDF: 26.2/16

All: -272.884+/-152.767 χ^2/NDF: 44.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 564.959+/-0.158 χ^2/NDF: 1284478.9/15

Left Out: 538.513+/-0.435 χ^2/NDF:0.0/0

Right Out: 561.243+/-0.158 χ^2/NDF: 1352239.3/17

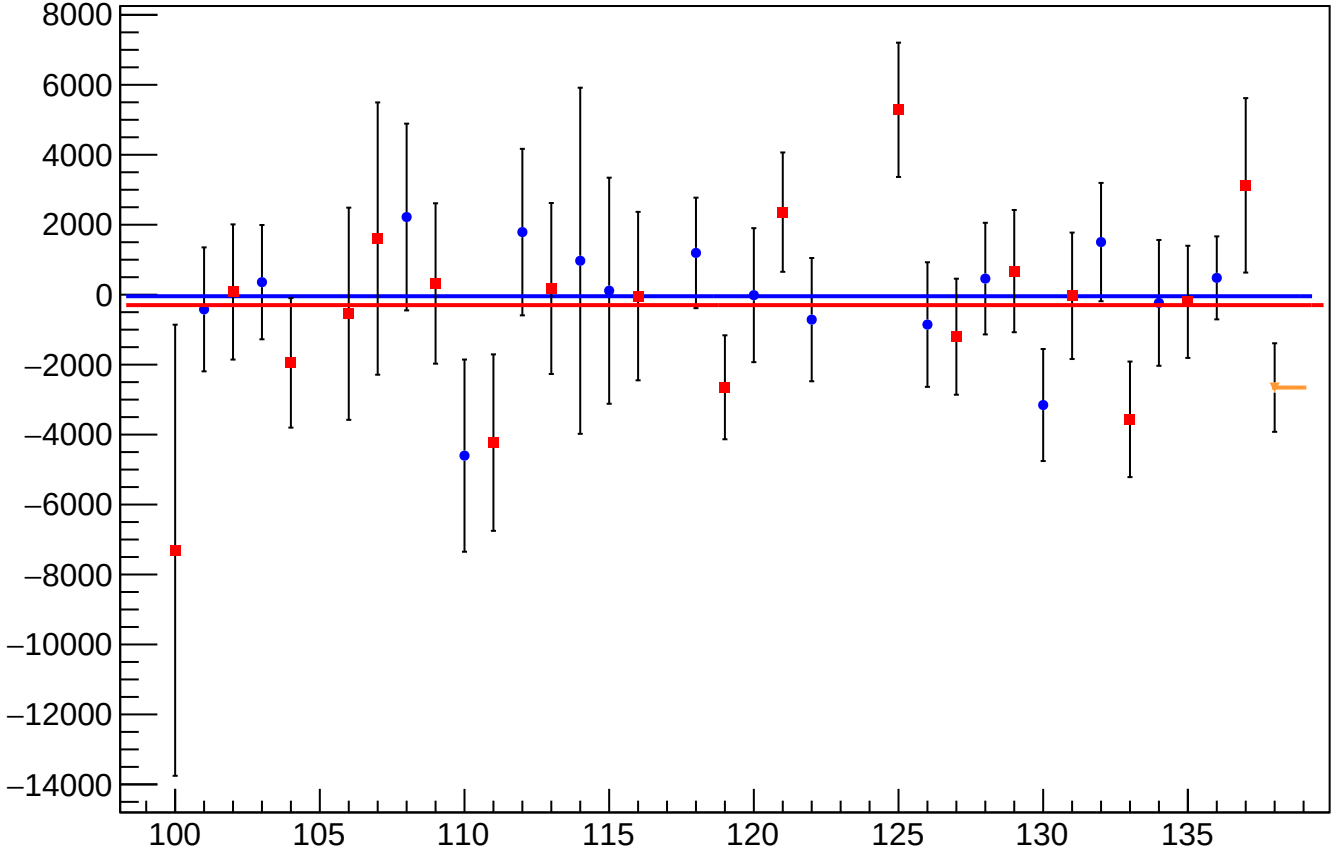
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 561.889+/-0.148 χ^2/NDF: 1287747.7/16

All: 561.587+/-0.108 χ^2/NDF: 2639995.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



Right In: -43.923+/-459.222 χ^2/NDF: 10.1/15

Left Out: -2655.122+/-1265.822 χ^2/NDF:0.0/0

Right Out: -298.207+/-475.315 χ^2/NDF: 24.6/17

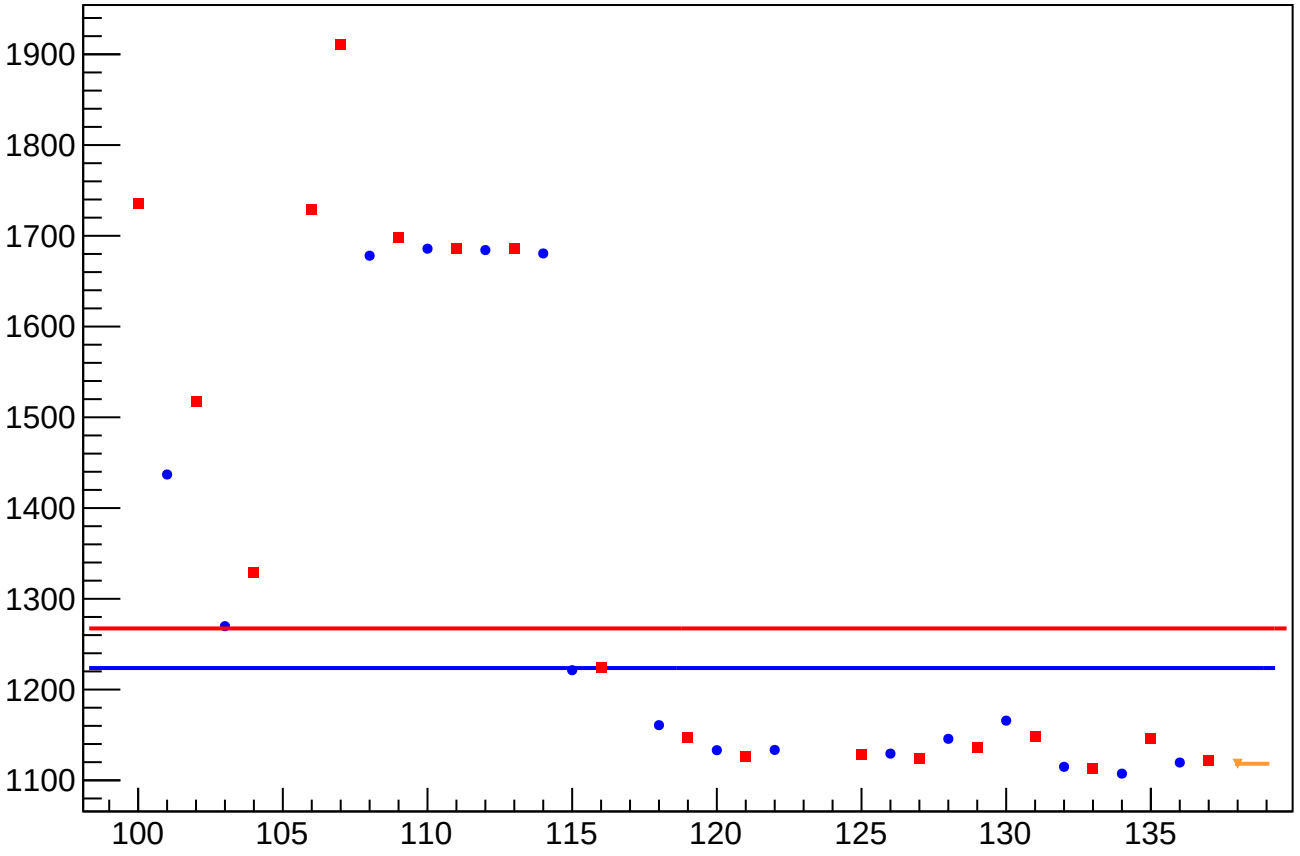
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -347.620+/-431.691 χ^2/NDF: 13.9/16

All: -325.285+/-319.564 χ^2/NDF: 38.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1223.705+/-0.325 χ^2/NDF: 294966.1/15

Left Out: 1118.242+/-0.895 χ^2/NDF:0.0/0

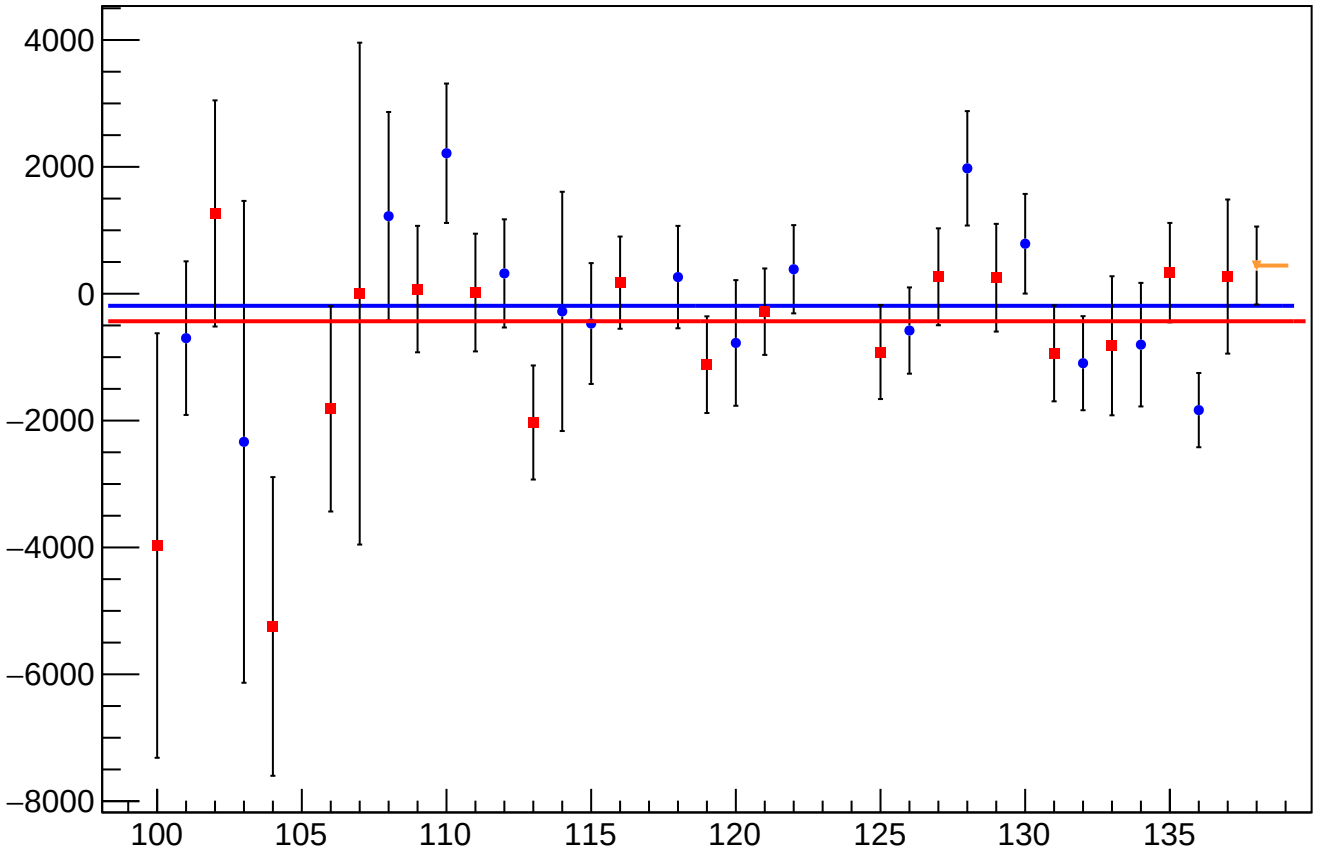
Right Out: 1267.363+/-0.336 χ^2/NDF: 439982.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1211.439+/-0.305 χ^2/NDF: 307234.6/16

All: 1236.718+/-0.226 χ^2/NDF: 762388.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -190.645+/-222.867 χ^2/NDF: 25.3/15

Left Out: 444.161+/-615.006 χ^2/NDF:0.0/0

Right Out: -433.877+/-223.547 χ^2/NDF: 15.9/17

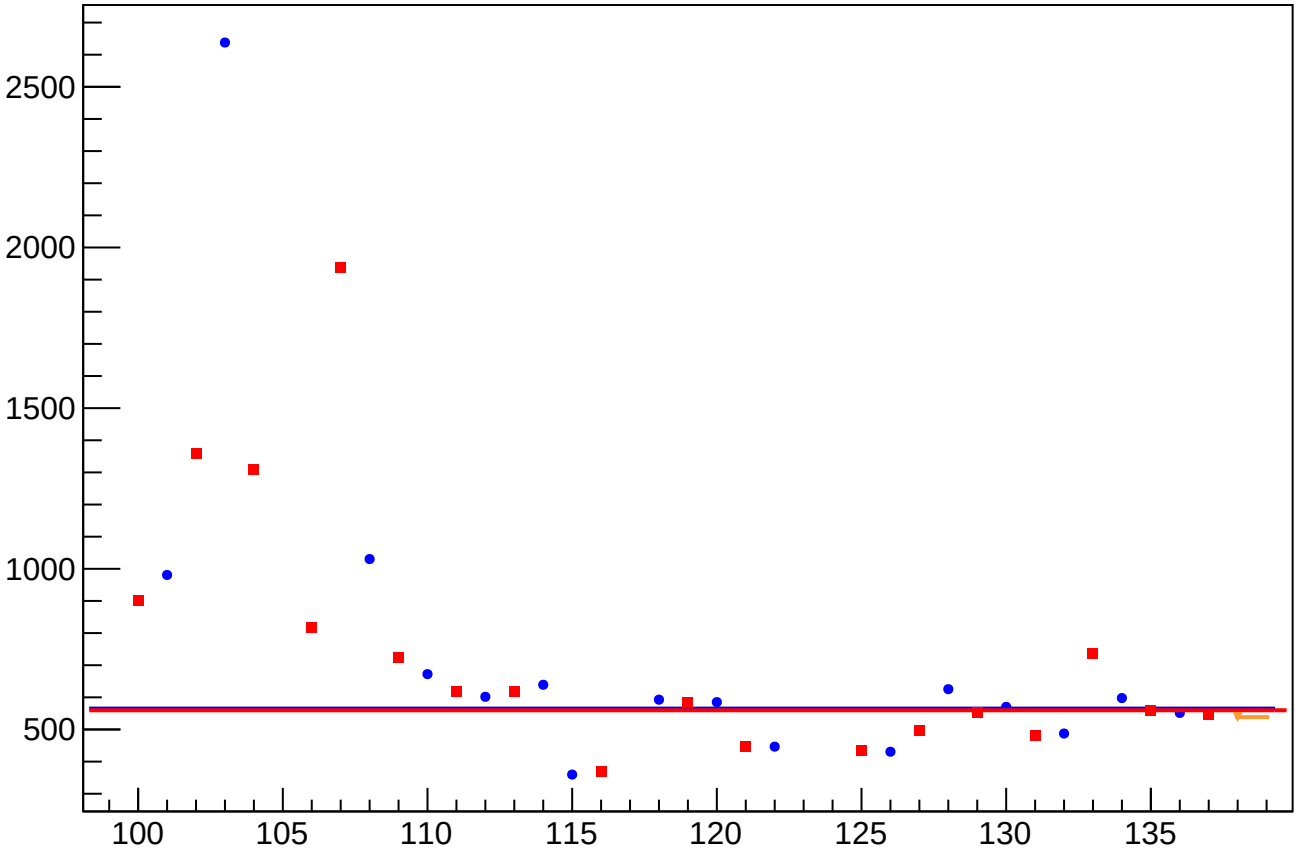
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -116.958+/-209.534 χ^2/NDF: 26.2/16

All: -265.174+/-152.877 χ^2/NDF: 43.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 564.954+/-0.158 χ^2/NDF: 1284455.7/15

Left Out: 538.499+/-0.435 χ^2/NDF:0.0/0

Right Out: 559.758+/-0.158 χ^2/NDF: 1329357.2/17

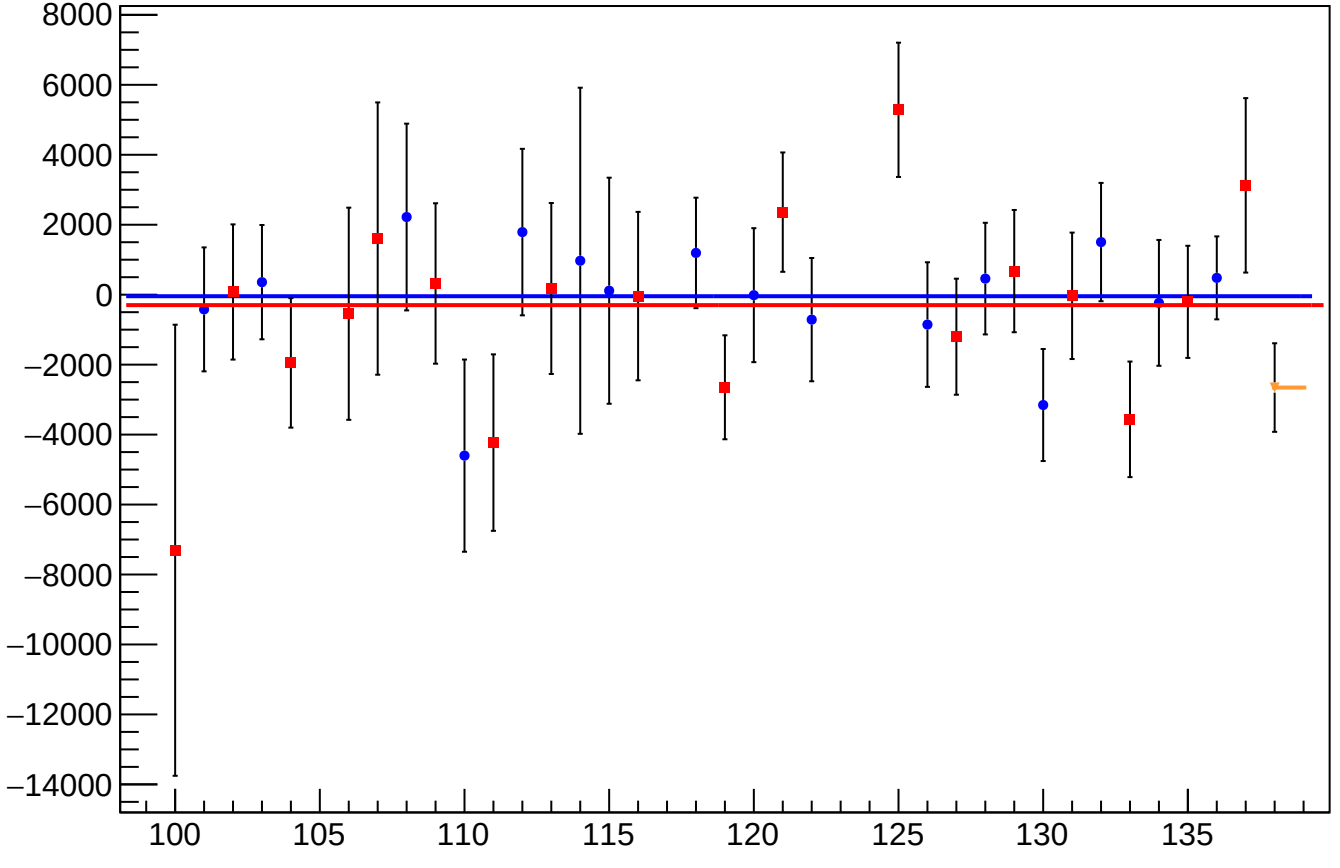
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 561.883+/-0.148 χ^2/NDF: 1287727.0/16

All: 560.889+/-0.108 χ^2/NDF: 2617180.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: -43.923+/-459.222 χ^2/NDF: 10.1/15

Left Out: -2655.122+/-1265.822 χ^2/NDF:0.0/0

Right Out: -298.207+/-475.315 χ^2/NDF: 24.6/17

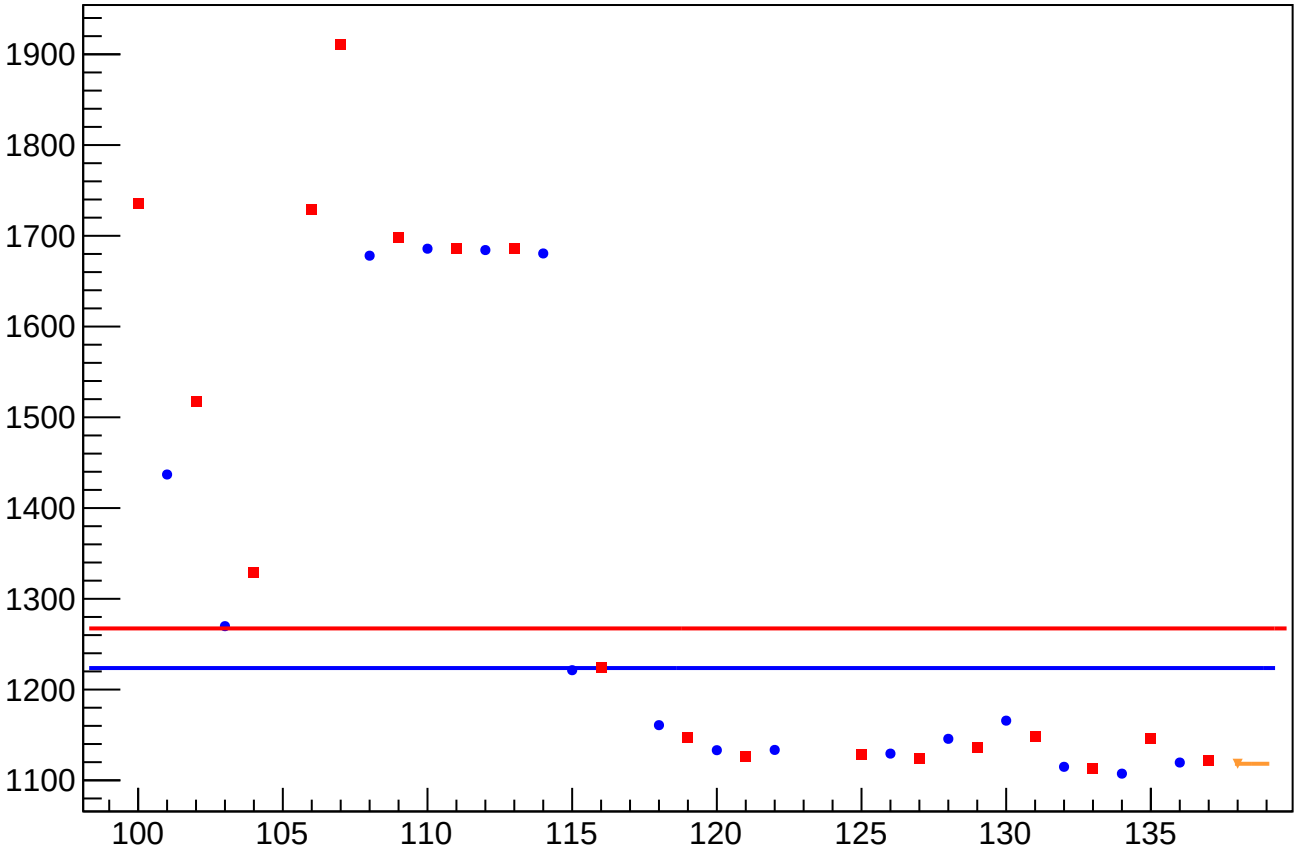
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -347.620+/-431.691 χ^2/NDF: 13.9/16

All: -325.285+/-319.564 χ^2/NDF: 38.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1223.705+/-0.325 χ^2/NDF: 294966.1/15

Left Out: 1118.242+/-0.895 χ^2/NDF:0.0/0

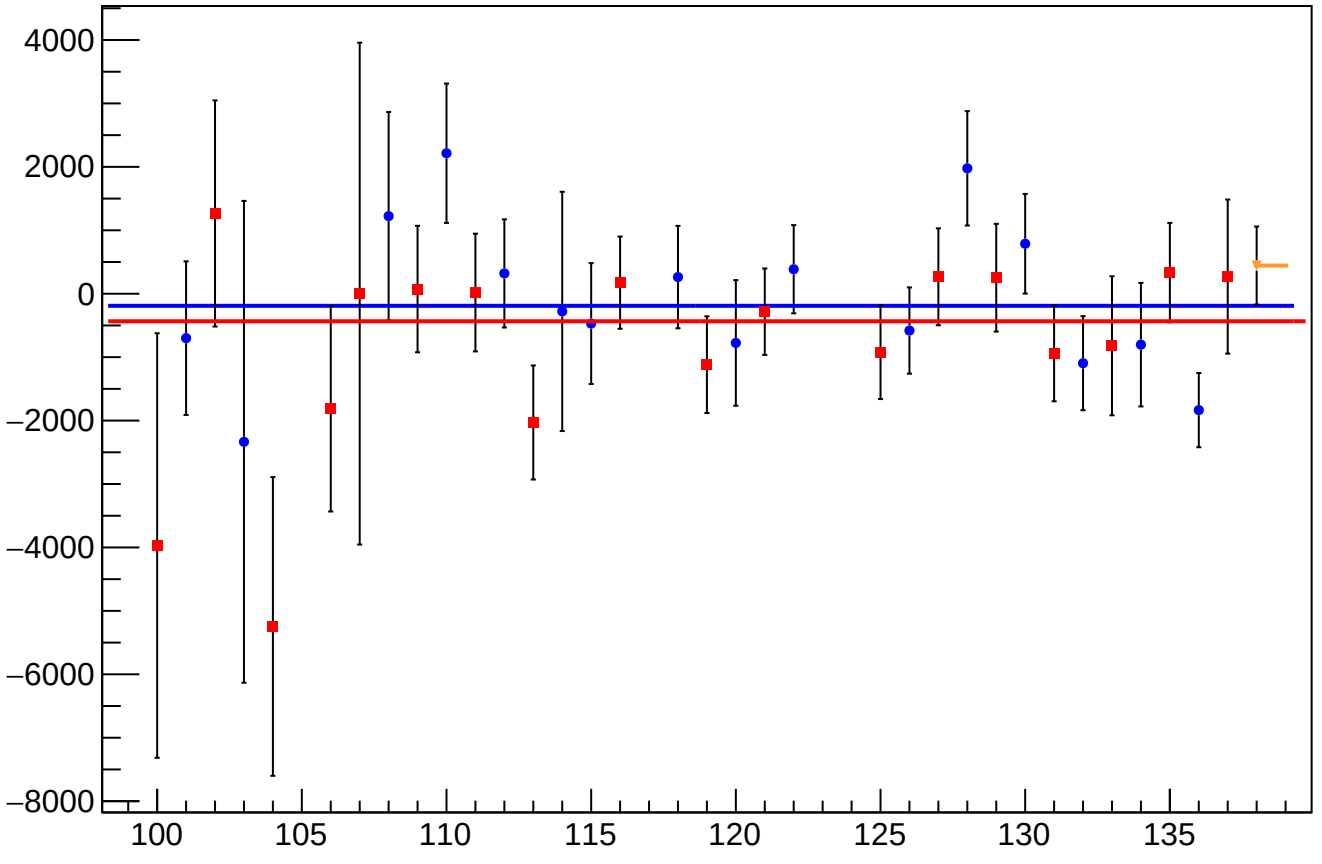
Right Out: 1267.363+/-0.336 χ^2/NDF: 439982.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1211.439+/-0.305 χ^2/NDF: 307234.6/16

All: 1236.718+/-0.226 χ^2/NDF: 762388.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -190.645+/-222.867 χ^2/NDF: 25.3/15

Left Out: 444.161+/-615.006 χ^2/NDF:0.0/0

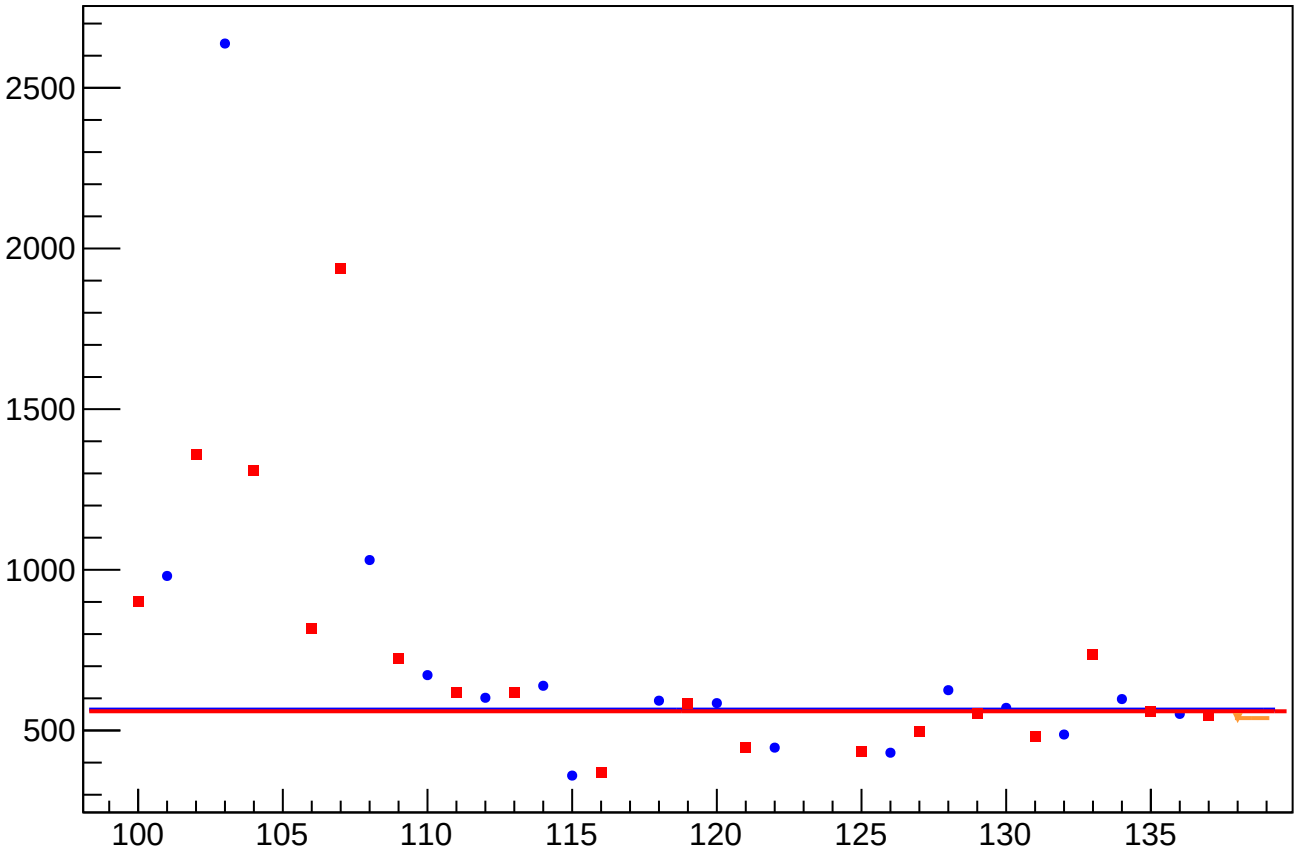
Right Out: -433.877+/-223.547 χ^2/NDF: 15.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -116.958+/-209.534 χ^2/NDF: 26.2/16

All: -265.174+/-152.877 χ^2/NDF: 43.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 564.954+/-0.158 χ^2/NDF: 1284455.7/15

Left Out: 538.499+/-0.435 χ^2/NDF:0.0/0

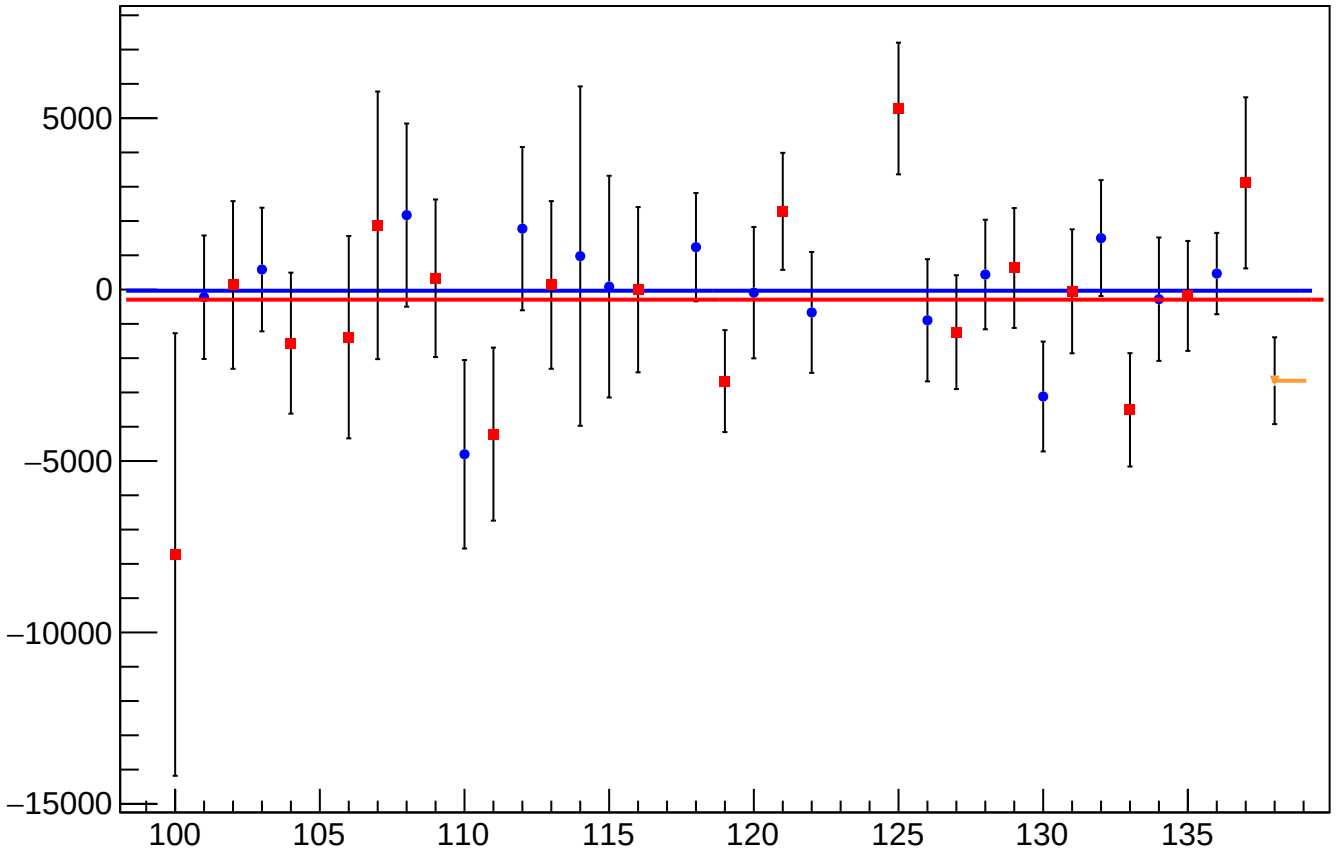
Right Out: 559.758+/-0.158 χ^2/NDF: 1329357.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 561.883+/-0.148 χ^2/NDF: 1287727.0/16

All: 560.889+/-0.108 χ^2/NDF: 2617180.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -33.062+/-463.216 χ^2/NDF: 10.3/15

Left Out: -2658.101+/-1266.390 χ^2/NDF:0.0/0

Right Out: -293.384+/-483.838 χ^2/NDF: 24.2/17

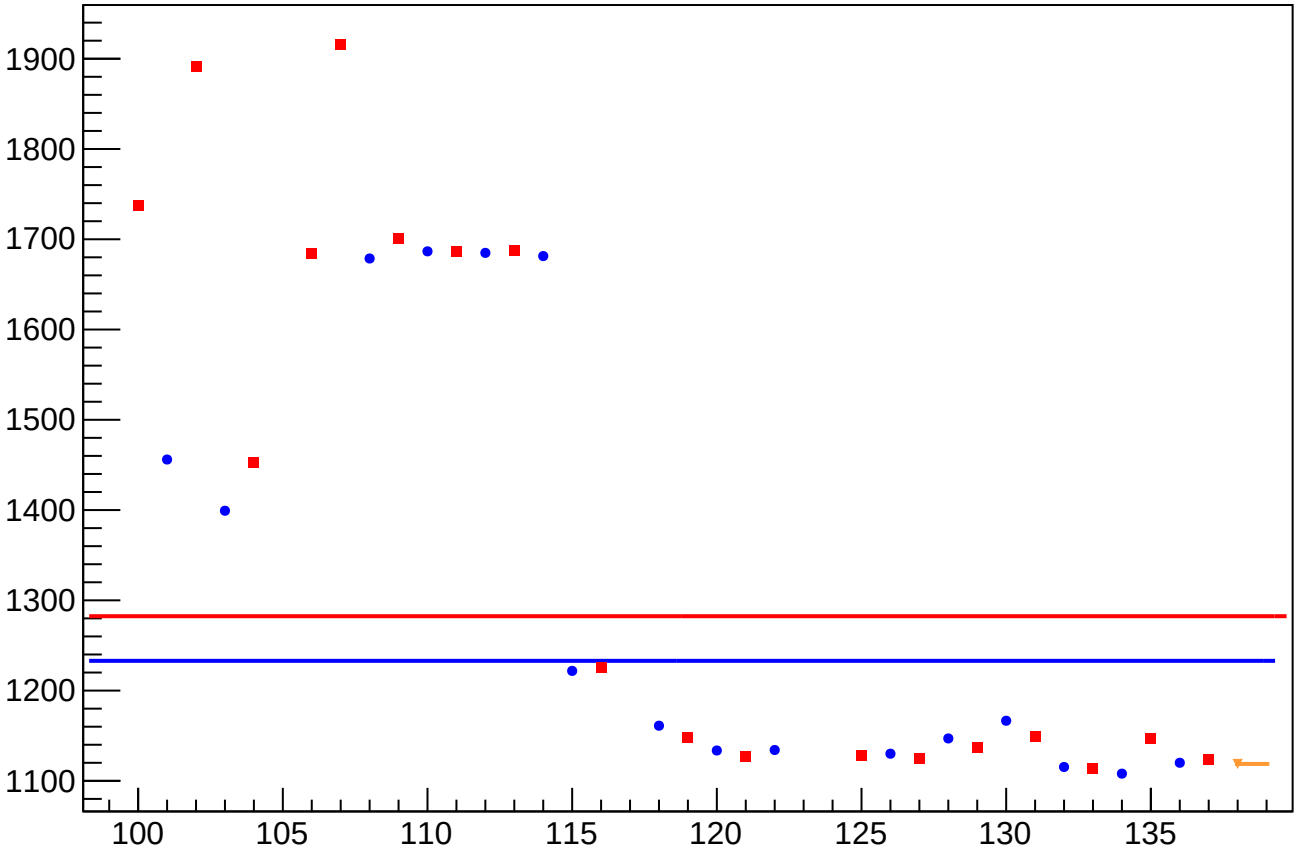
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -342.829+/-435.027 χ^2/NDF: 14.1/16

All: -320.726+/-323.495 χ^2/NDF: 38.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1232.965+/-0.328 χ^2/NDF: 315470.6/15

Left Out: 1118.743+/-0.895 χ^2/NDF:0.0/0

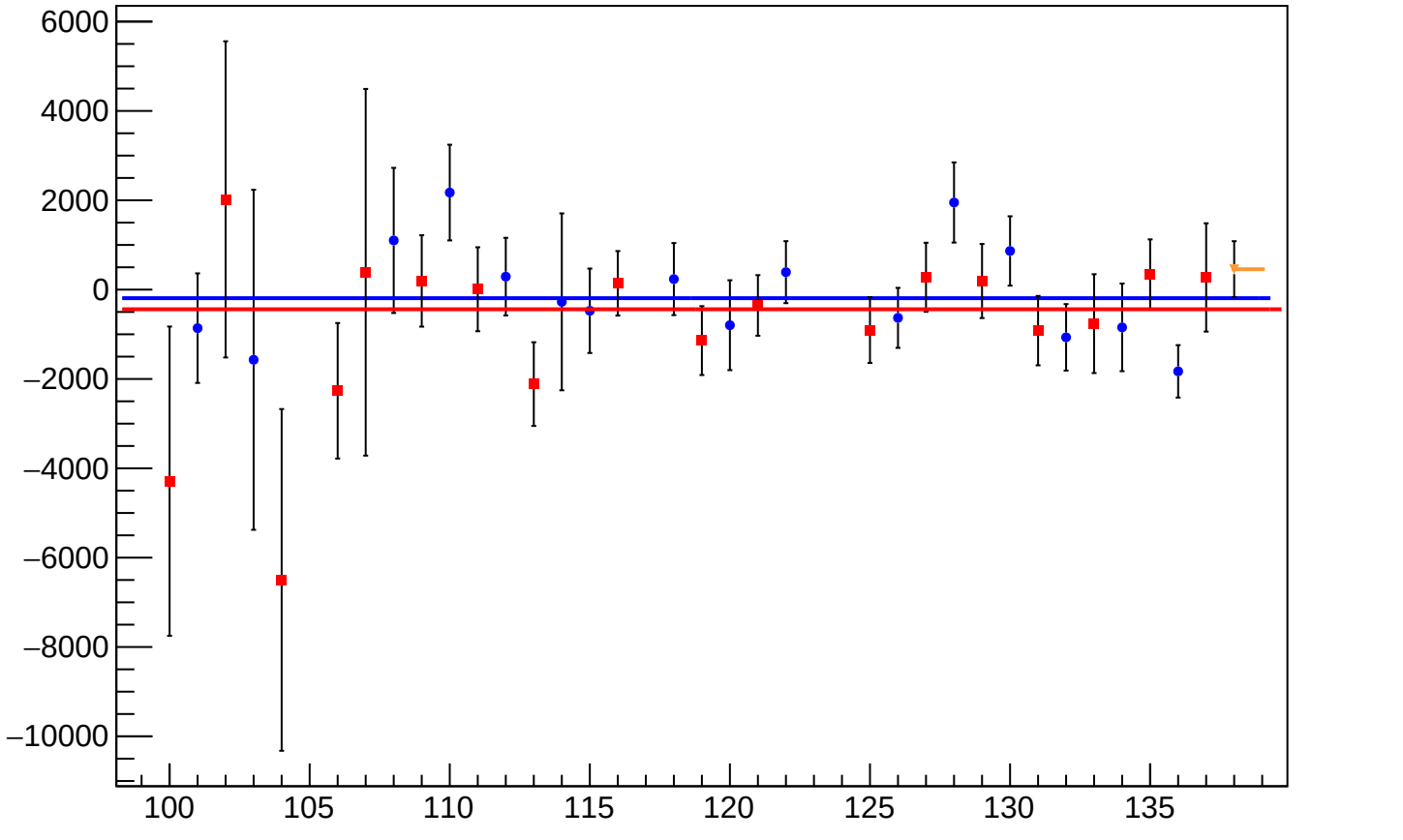
Right Out: 1282.407+/-0.342 χ^2/NDF: 543403.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1219.486+/-0.308 χ^2/NDF: 329821.0/16

All: 1247.614+/-0.229 χ^2/NDF: 891928.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -191.528+/-222.764 χ^2/NDF: 25.3/15

Left Out: 456.490+/-627.820 χ^2/NDF:0.0/0

Right Out: -439.610+/-226.600 χ^2/NDF: 14.6/17

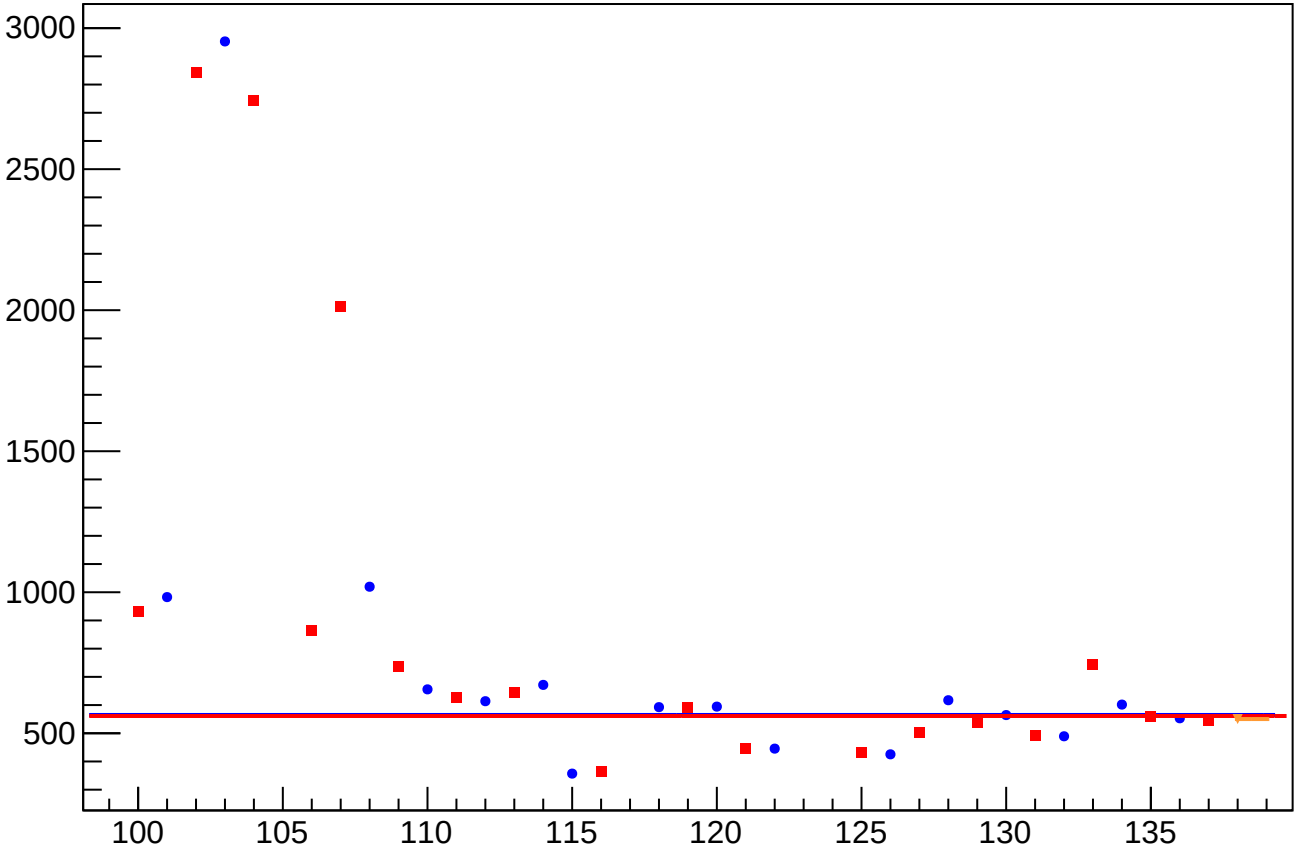
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -119.066+/-209.940 χ^2/NDF: 26.2/16

All: -267.122+/-154.003 χ^2/NDF: 42.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 564.871+/-0.158 χ^2/NDF: 1480375.5/15

Left Out: 550.398+/-0.444 χ^2/NDF:0.0/0

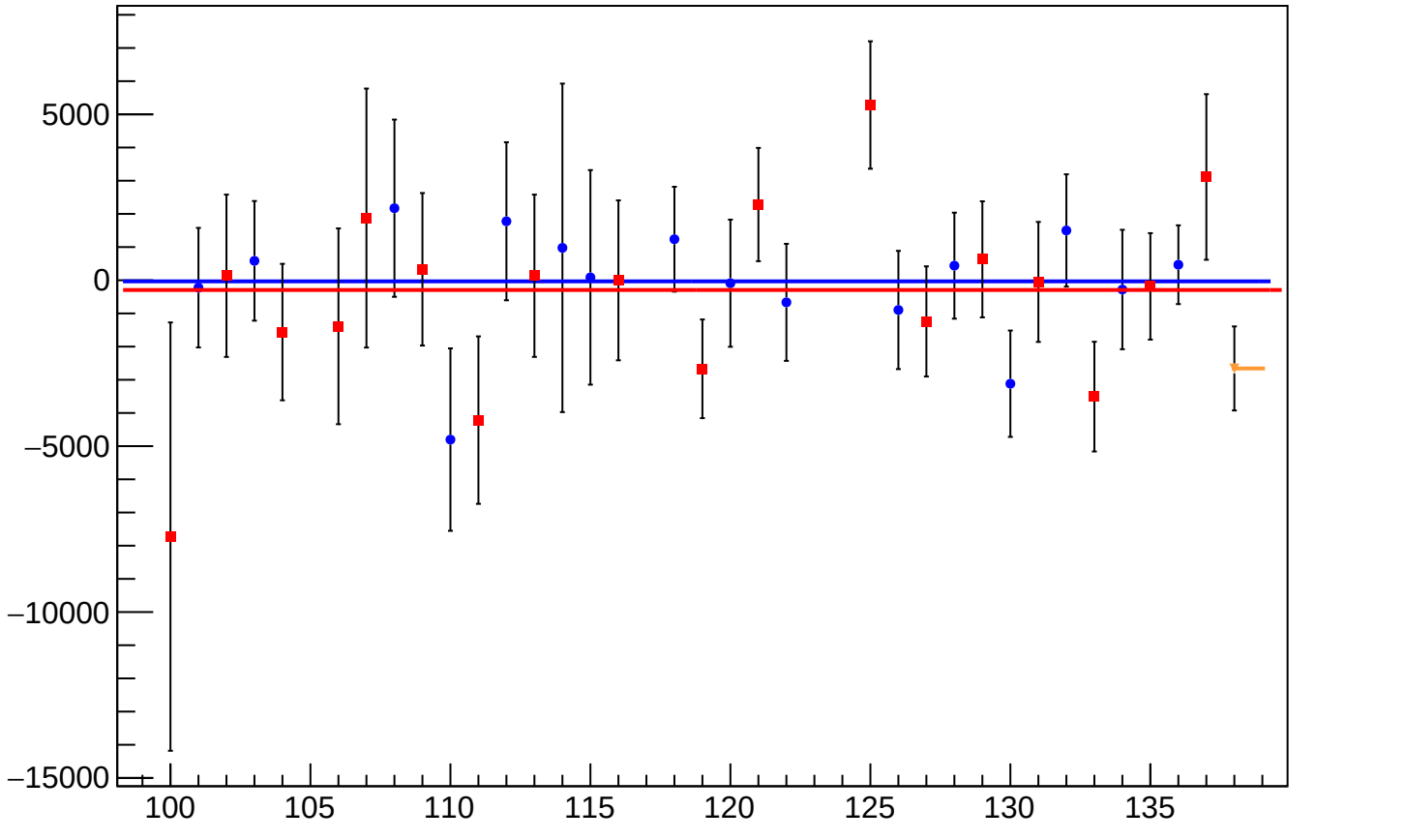
Right Out: 561.273+/-0.160 χ^2/NDF: 2273371.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 563.252+/-0.148 χ^2/NDF: 1481319.5/16

All: 562.338+/-0.109 χ^2/NDF: 3754773.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -33.061+/-463.216 χ^2/NDF: 10.3/15

Left Out: -2658.100+/-1266.390 χ^2/NDF:0.0/0

Right Out: -293.384+/-483.838 χ^2/NDF: 24.2/17

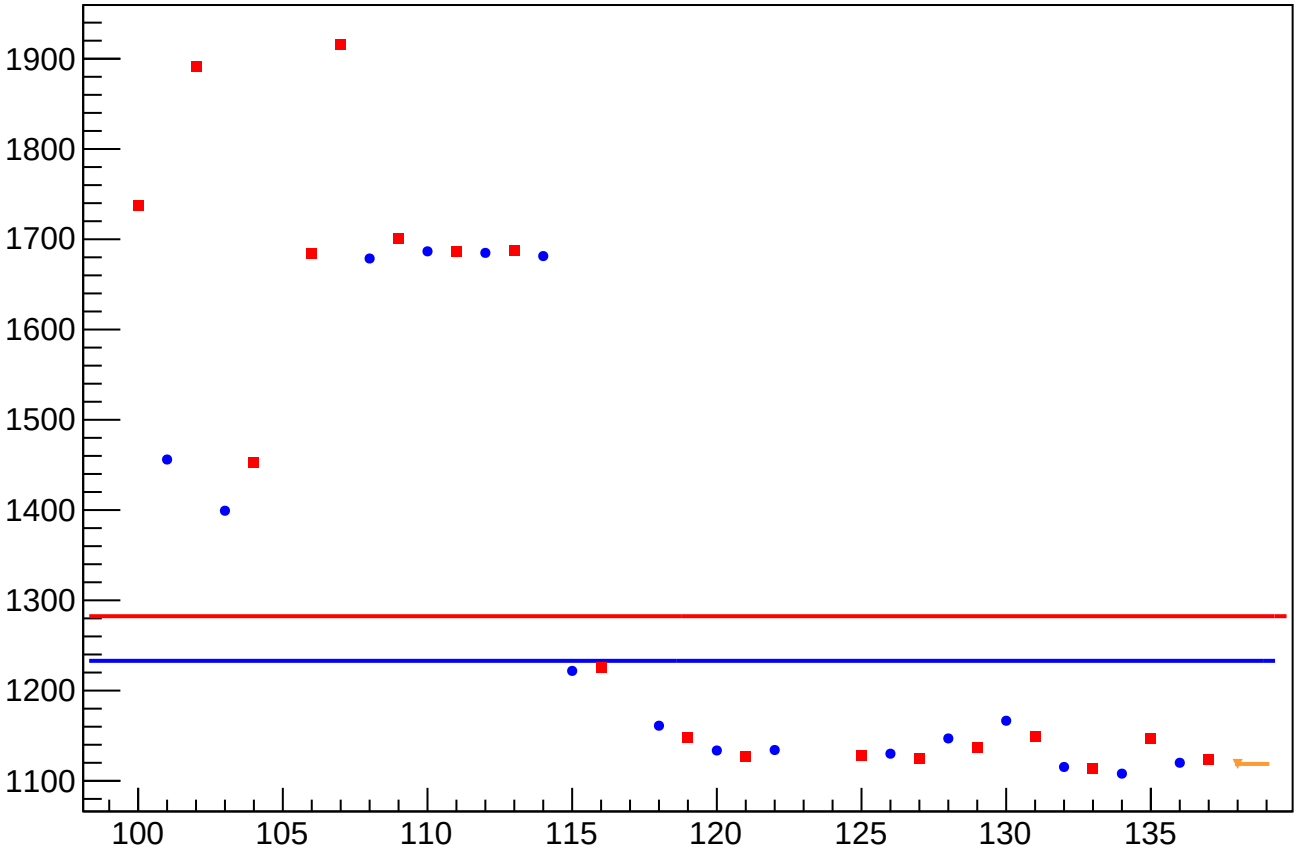
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -342.828+/-435.027 χ^2/NDF: 14.1/16

All: -320.725+/-323.495 χ^2/NDF: 38.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1232.965+/-0.328 χ^2/NDF: 315470.2/15

Left Out: 1118.743+/-0.895 χ^2/NDF:0.0/0

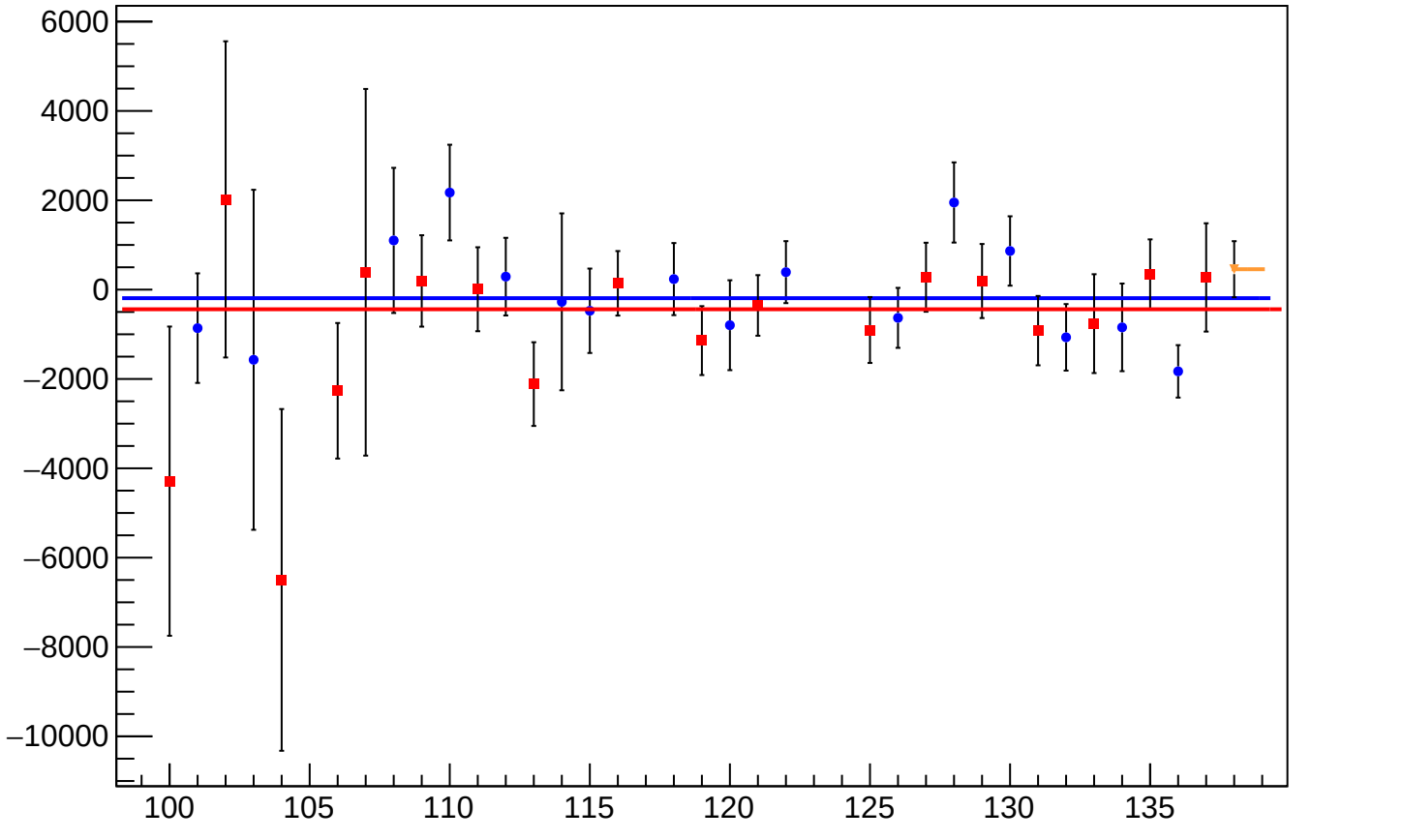
Right Out: 1282.407+/-0.342 χ^2/NDF: 543403.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1219.486+/-0.308 χ^2/NDF: 329820.6/16

All: 1247.614+/-0.229 χ^2/NDF: 891927.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -191.527+/-222.763 χ^2/NDF: 25.3/15

Left Out: 456.491+/-627.822 χ^2/NDF:0.0/0

Right Out: -439.611+/-226.600 χ^2/NDF: 14.6/17

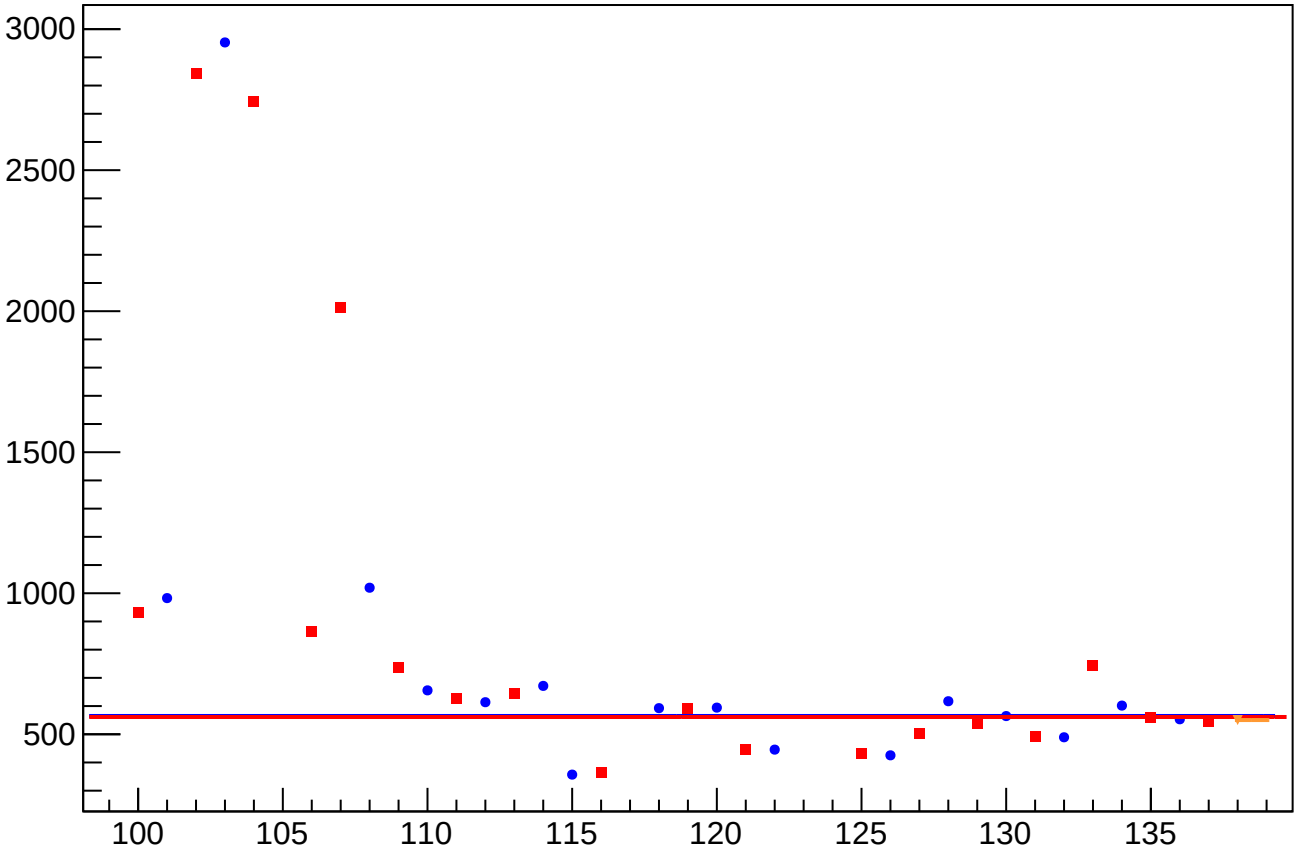
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -119.067+/-209.940 χ^2/NDF: 26.2/16

All: -267.123+/-154.003 χ^2/NDF: 42.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 564.871+/-0.158 χ^2/NDF: 1480372.9/15

Left Out: 550.400+/-0.444 χ^2/NDF:0.0/0

Right Out: 561.273+/-0.160 χ^2/NDF: 2273372.4/17

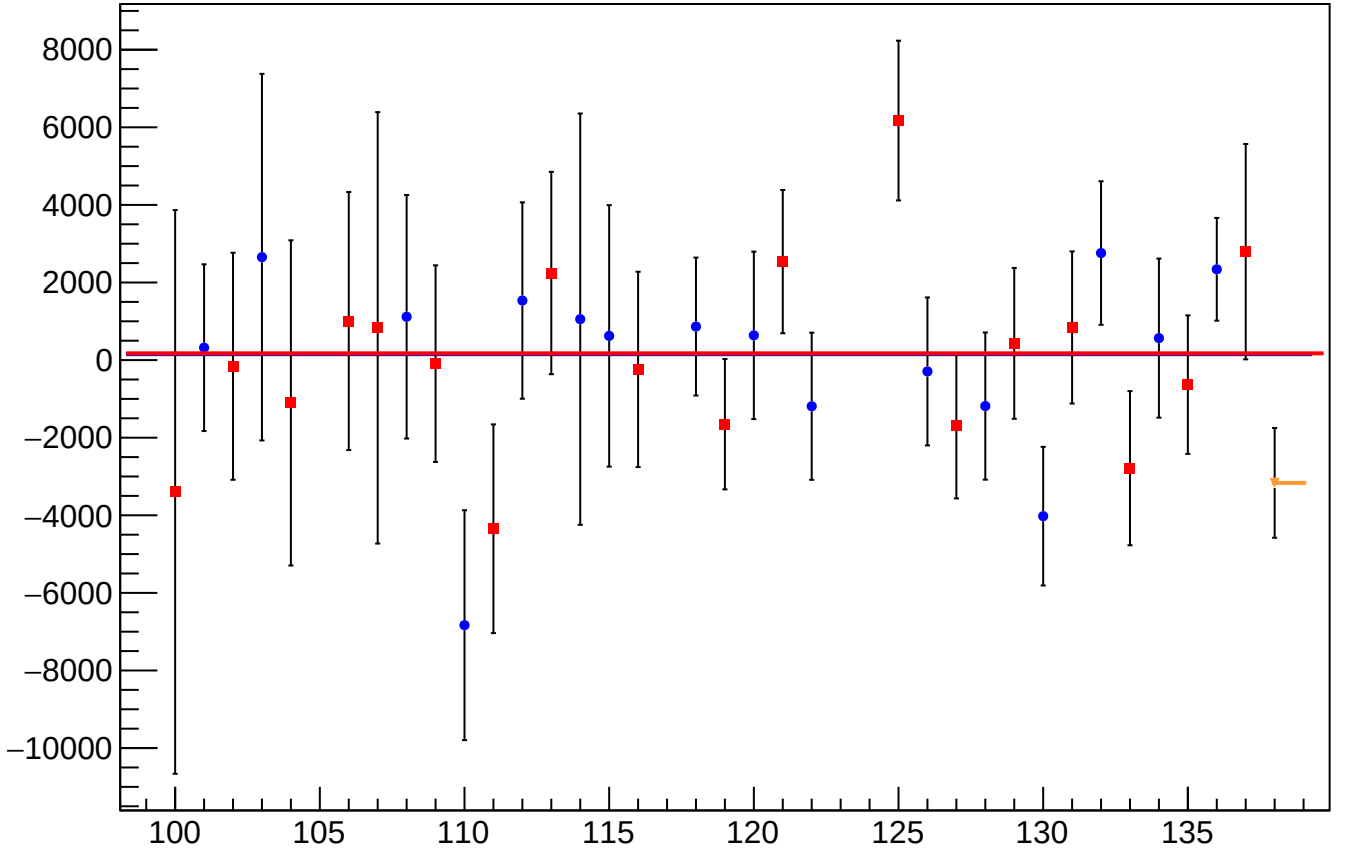
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 563.253+/-0.148 χ^2/NDF: 1481316.7/16

All: 562.338+/-0.109 χ^2/NDF: 3754771.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: 153.375+/-532.096 χ^2/NDF: 17.8/15

Left Out: -3165.289+/-1415.015 χ^2/NDF:0.0/0

Right Out: 174.319+/-550.153 χ^2/NDF: 19.7/17

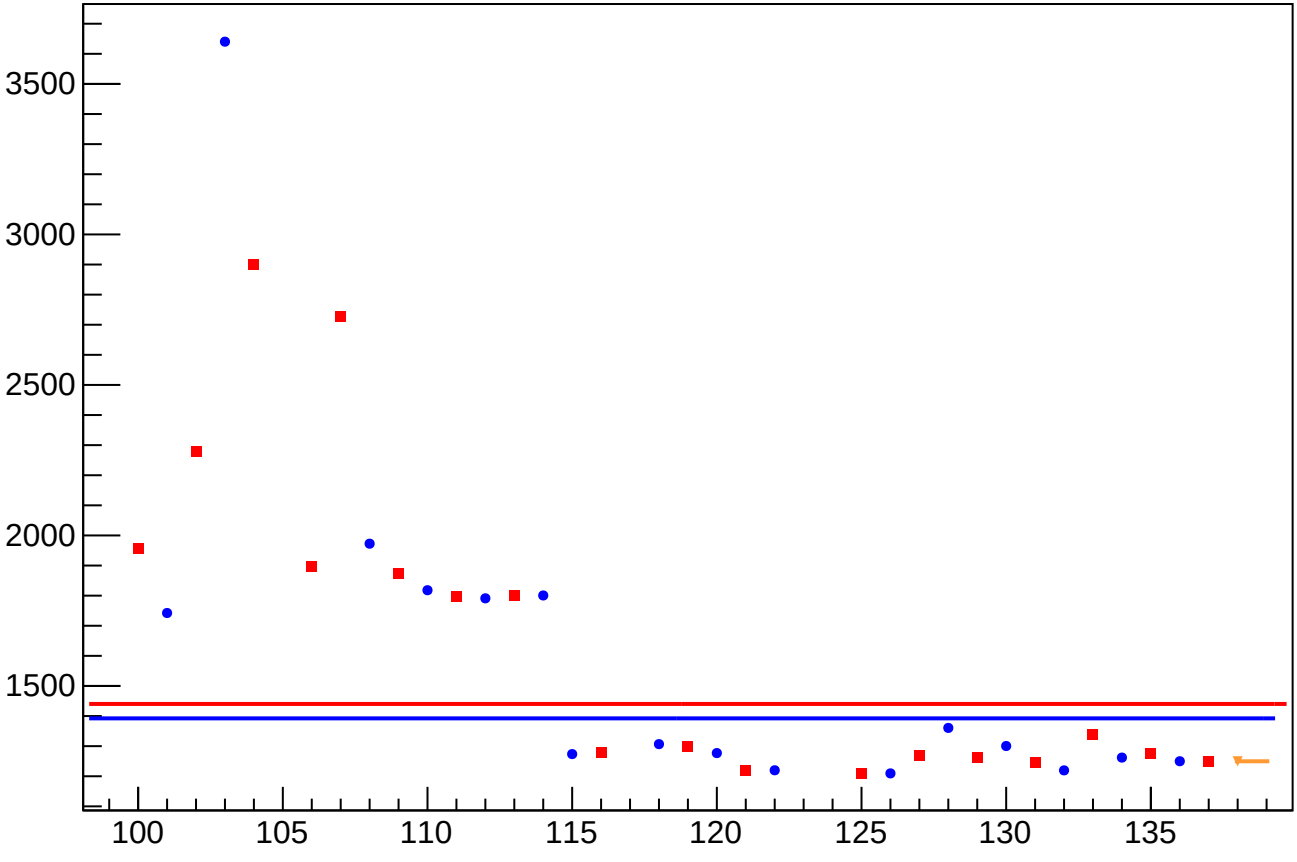
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -257.758+/-498.047 χ^2/NDF: 22.6/16

All: -63.145+/-369.223 χ^2/NDF: 42.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1392.299+/-0.376 χ^2/NDF: 779240.9/15

Left Out: 1249.733+/-1.001 χ^2/NDF:0.0/0

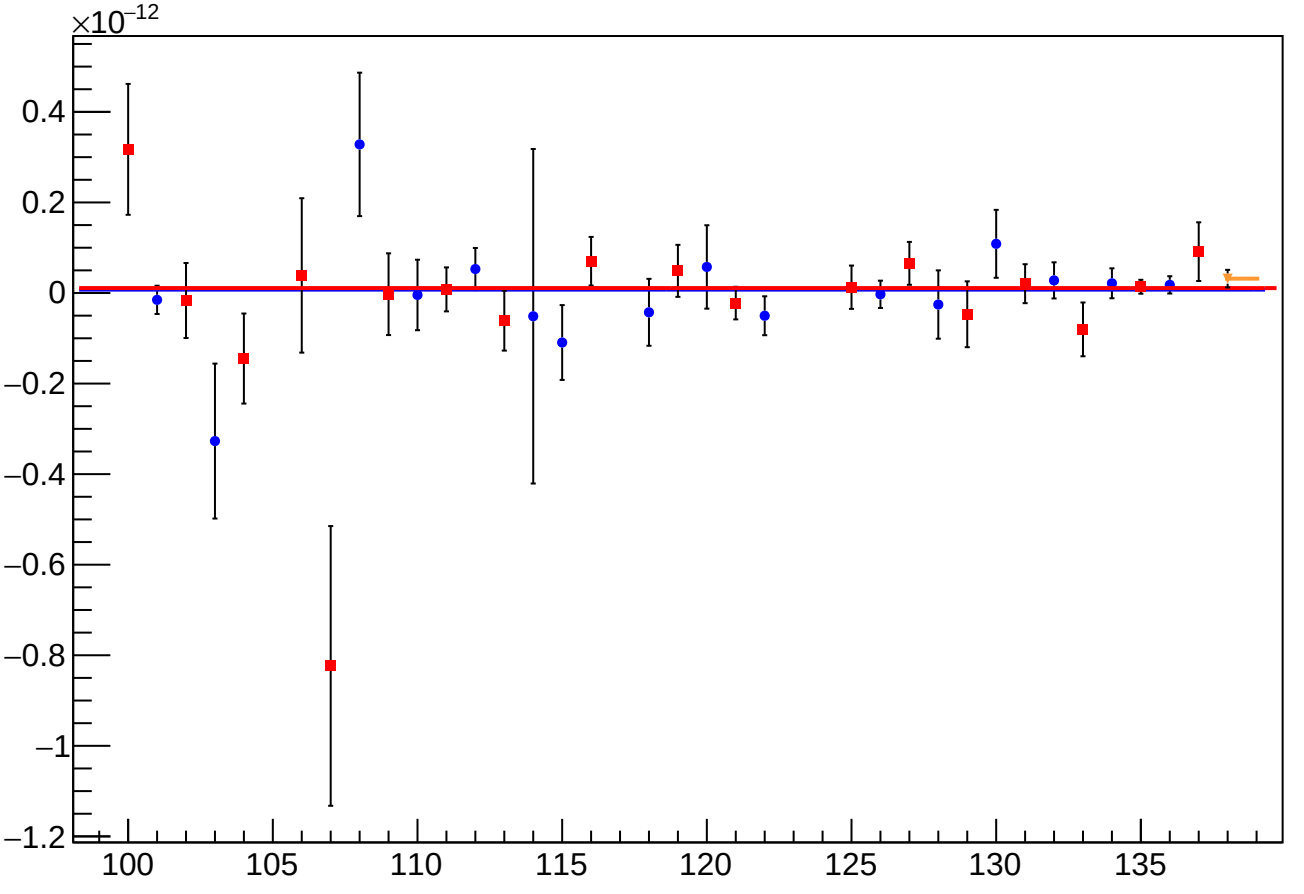
Right Out: 1440.222+/-0.389 χ^2/NDF: 854885.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1374.637+/-0.352 χ^2/NDF: 797027.7/16

All: 1404.177+/-0.261 χ^2/NDF: 1667534.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

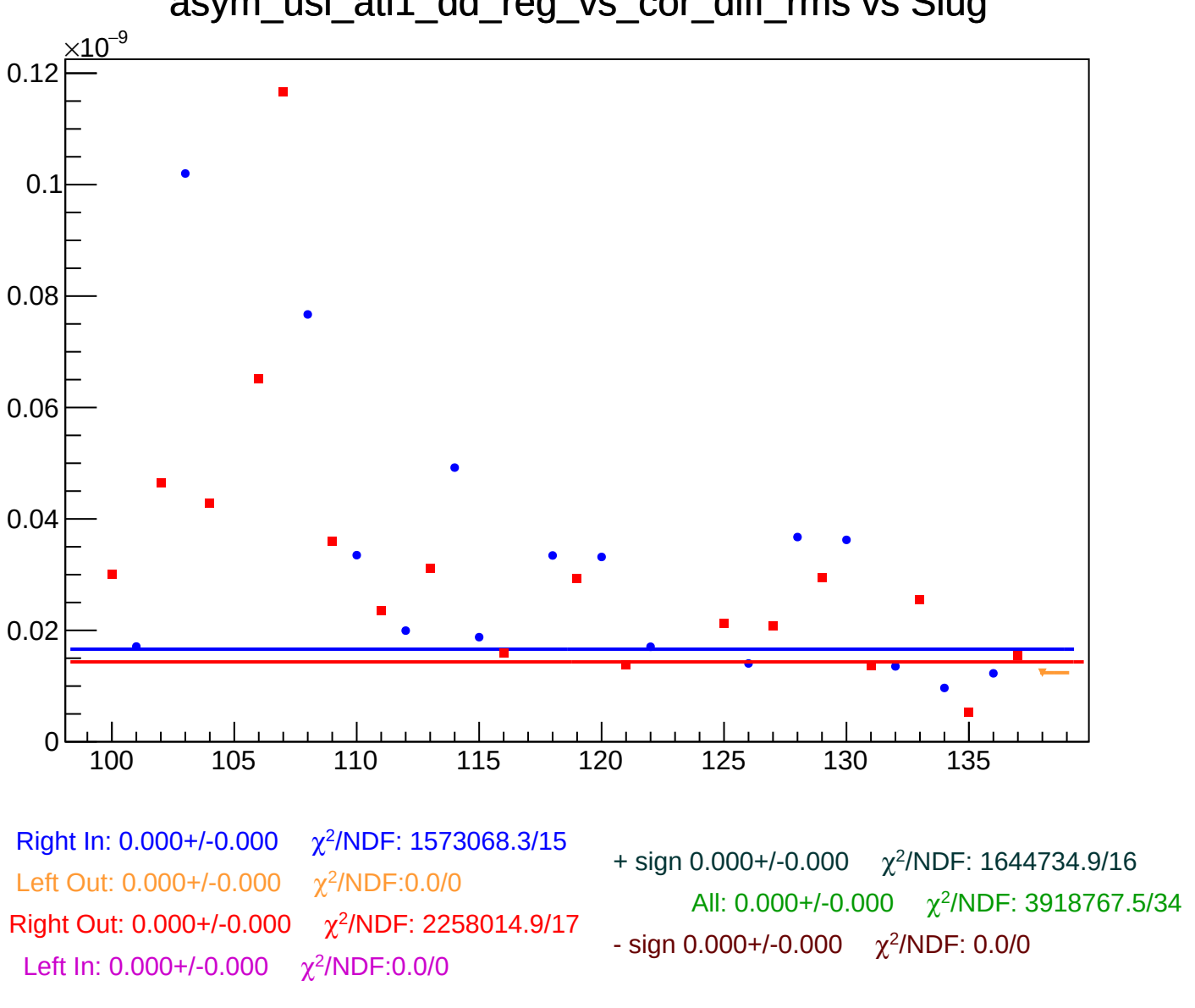
Right Out: 0.000+/-0.000 χ^2/NDF: 24.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

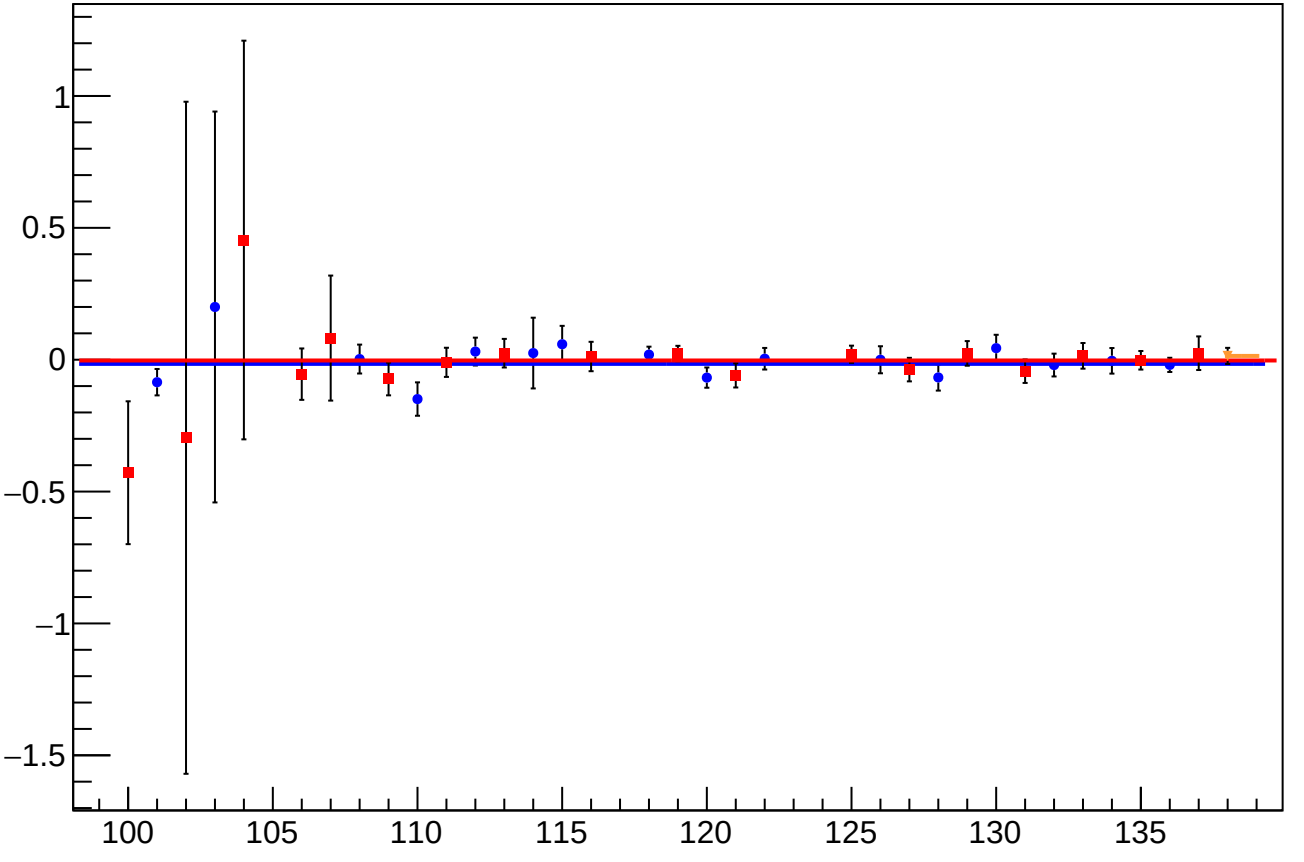
+ sign 0.000+/-0.000 χ^2/NDF: 18.1/16

All: 0.000+/-0.000 χ^2/NDF: 42.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.12
0.1
0.08
0.06
0.04
0.02
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1573068.3/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2258014.9/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1644734.9/16
All: 0.000+/-0.000 χ²/NDF: 3918767.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.016+/-0.012 χ^2/NDF: 14.6/15

Left Out: 0.014+/-0.031 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.012 χ^2/NDF: 9.9/17

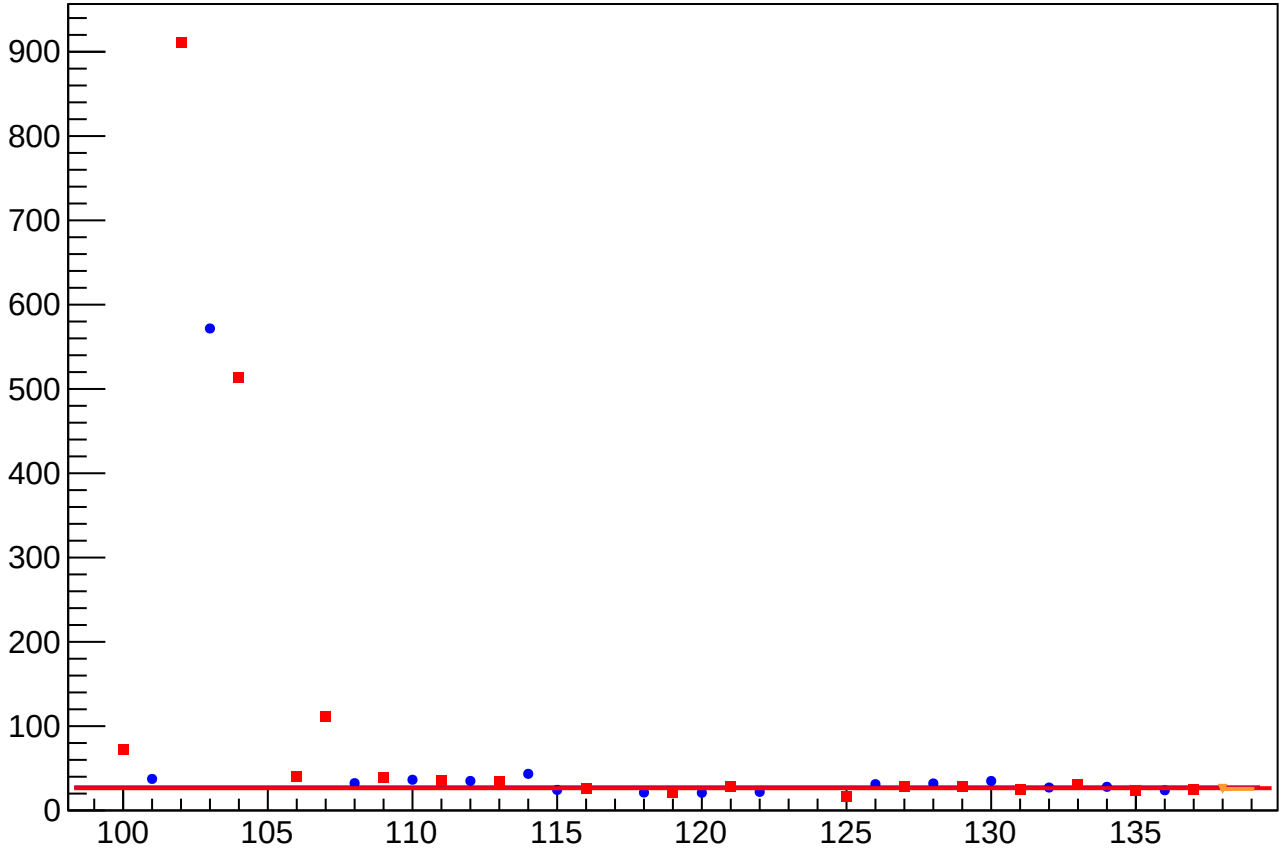
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.011 χ^2/NDF: 15.5/16

All: -0.008+/-0.008 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.305+/-0.008 χ^2/NDF: 1568329.0/15

Left Out: 25.594+/-0.022 χ^2/NDF:0.0/0

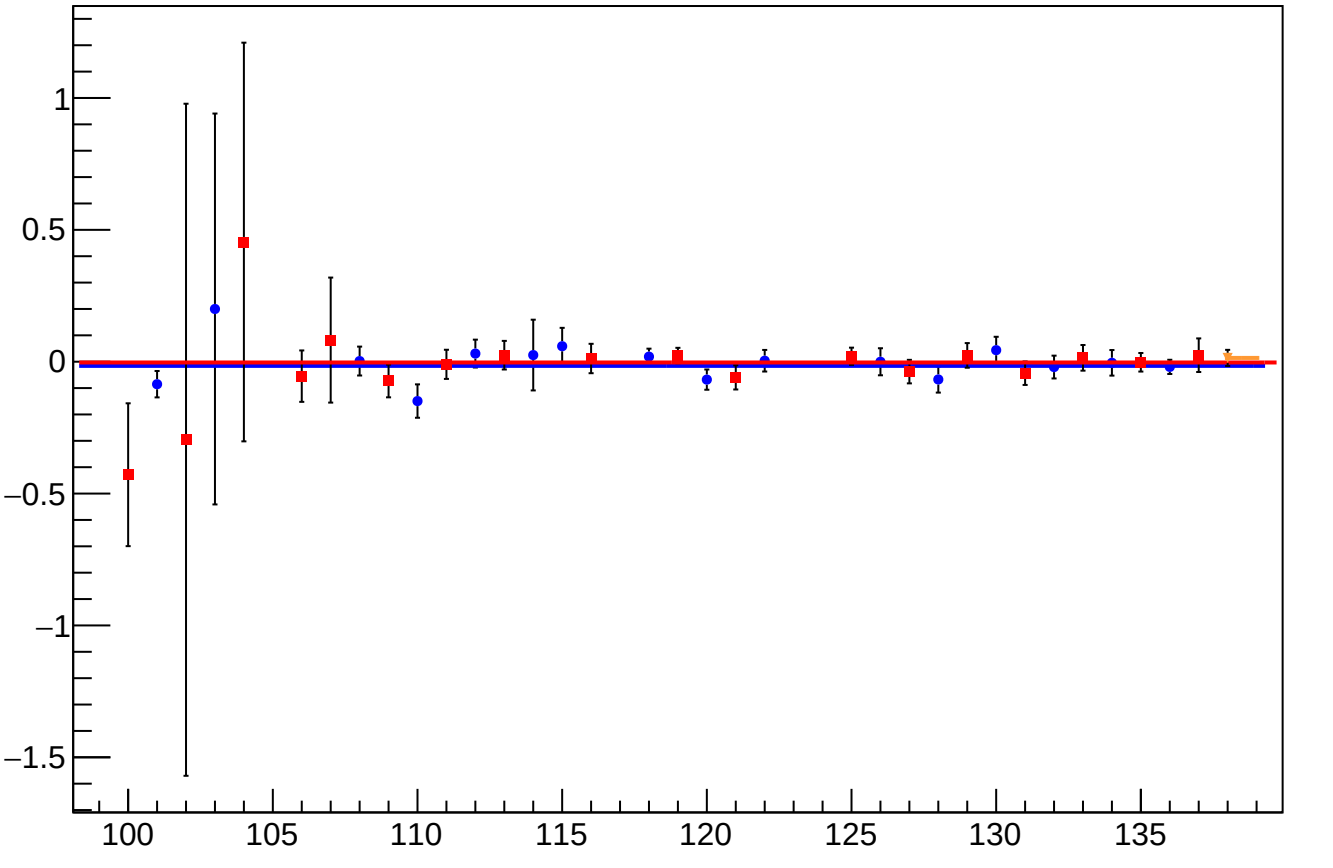
Right Out: 26.400+/-0.009 χ^2/NDF: 2614691.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.091+/-0.008 χ^2/NDF: 1573801.2/16

All: 26.782+/-0.006 χ^2/NDF: 4192149.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 14.6/15

Left Out: 0.014+/-0.031 χ^2/NDF:0.0/0

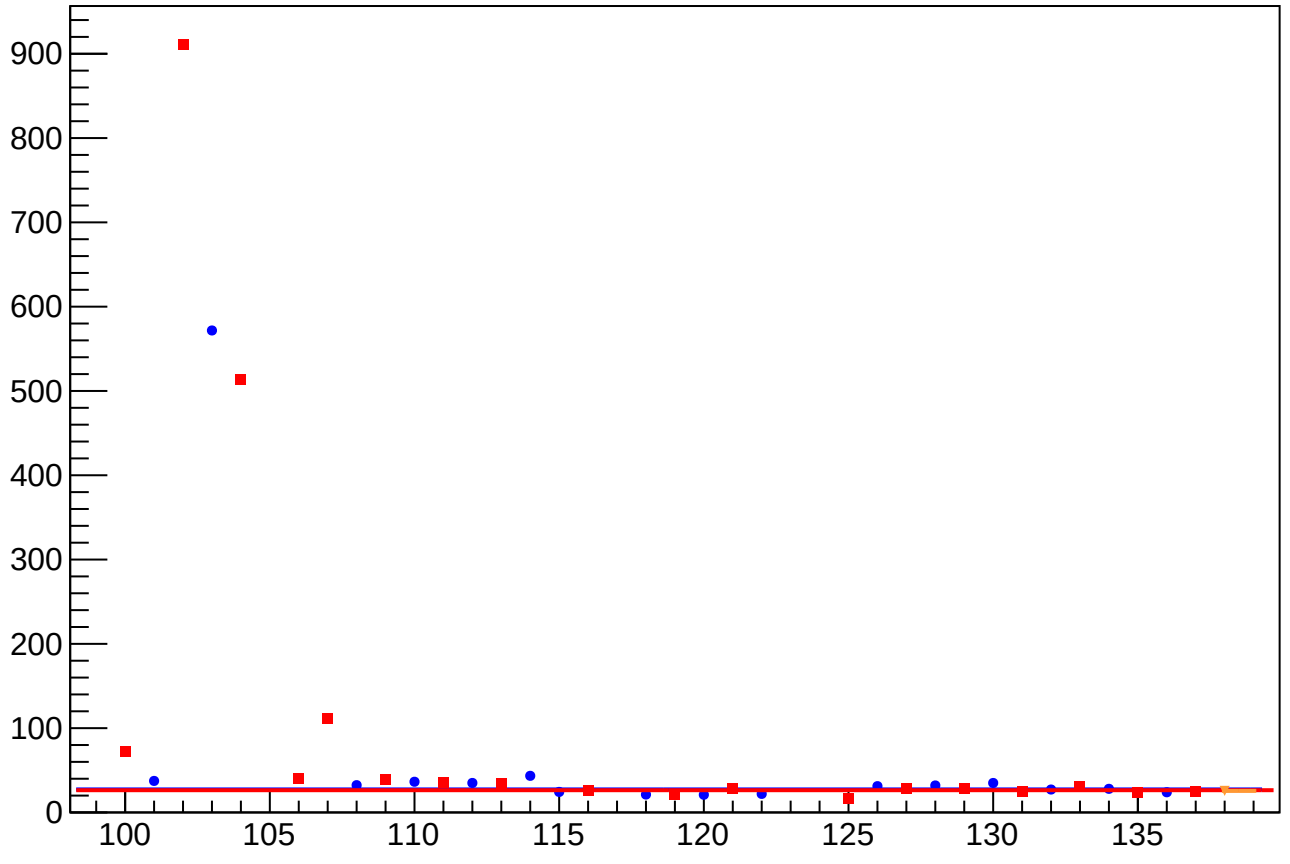
Right Out: -0.003+/-0.012 χ^2/NDF: 9.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.011 χ^2/NDF: 15.5/16

All: -0.008+/-0.008 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 27.305+/-0.008 χ^2/NDF: 1568329.0/15

Left Out: 25.594+/-0.022 χ^2/NDF:0.0/0

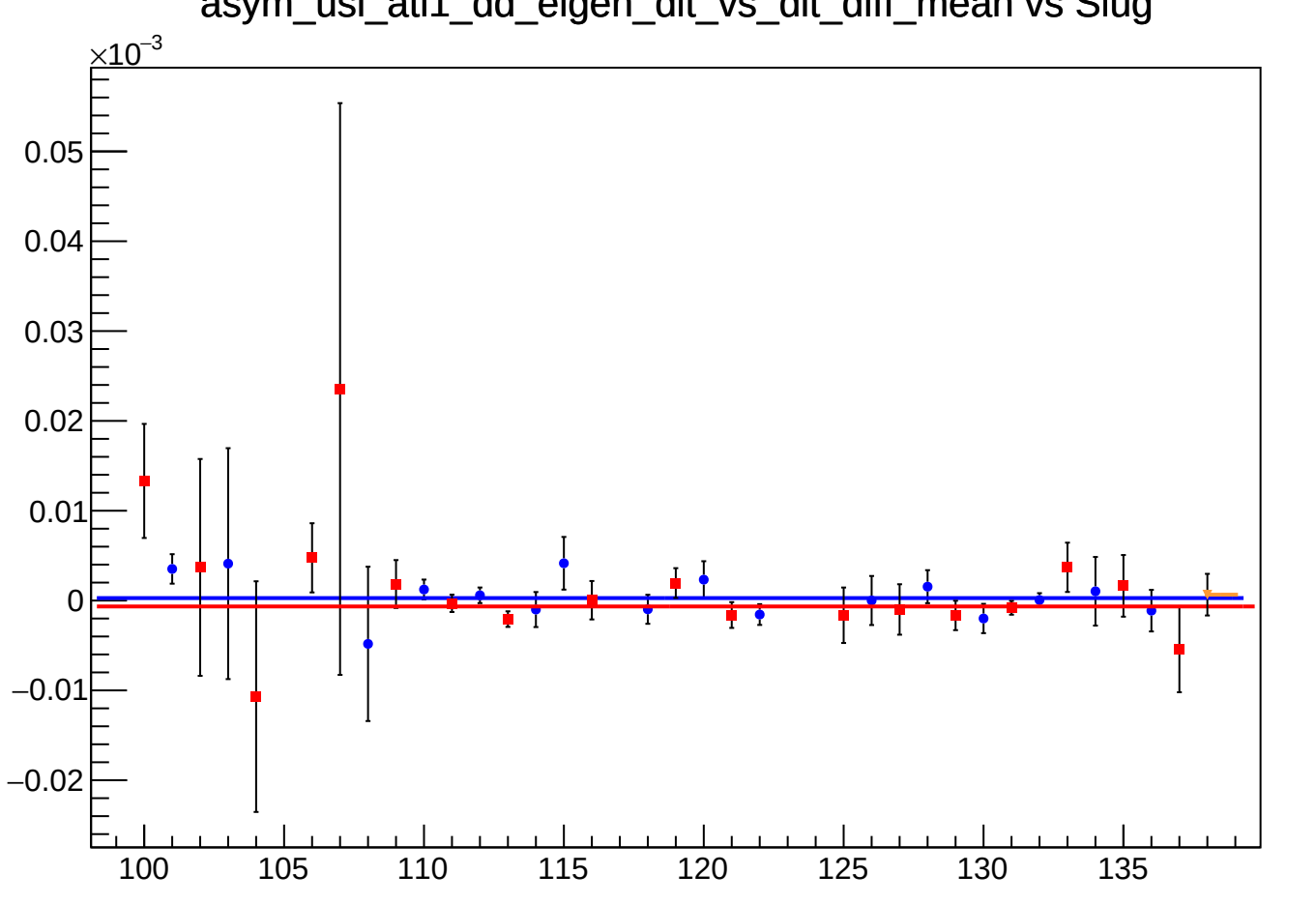
Right Out: 26.400+/-0.009 χ^2/NDF: 2614691.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.091+/-0.008 χ^2/NDF: 1573801.2/16

All: 26.782+/-0.006 χ^2/NDF: 4192149.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 19.3/17

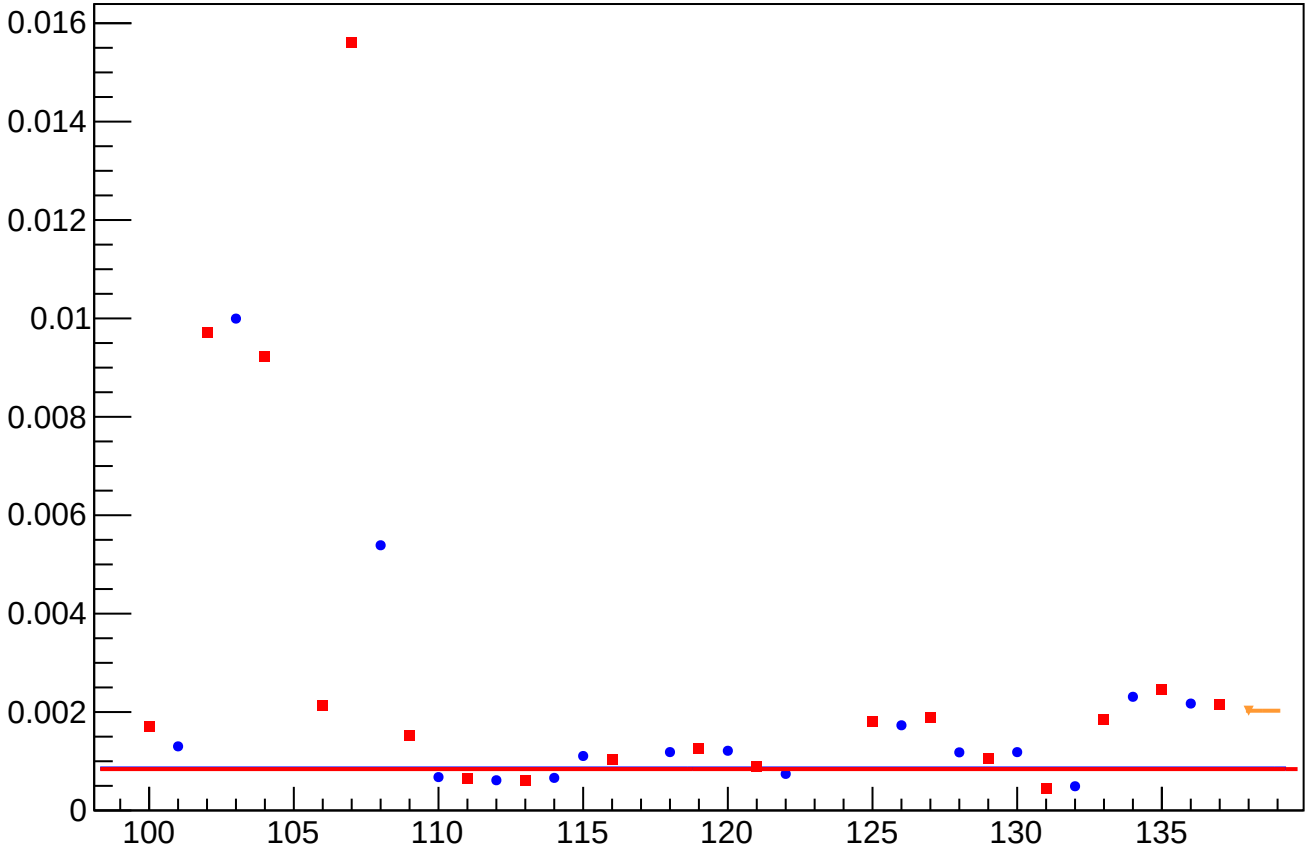
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 14.5/16

All: -0.000+/-0.000 χ^2/NDF: 36.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 3863719.0/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

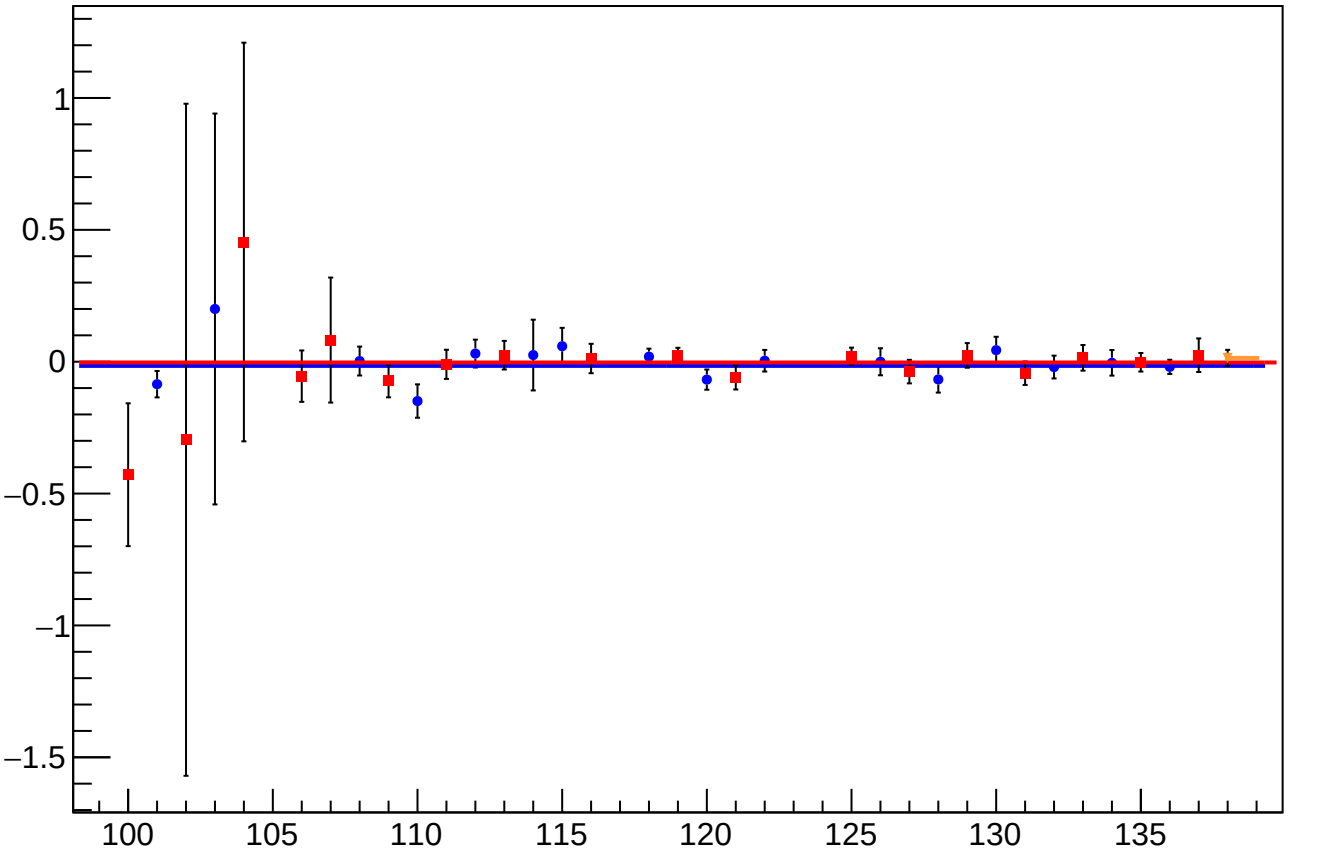
Right Out: 0.001+/-0.000 χ^2/NDF: 5039455.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 4363449.0/16

All: 0.001+/-0.000 χ^2/NDF: 9415250.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 14.6/15

Left Out: 0.014+/-0.031 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.012 χ^2/NDF: 9.9/17

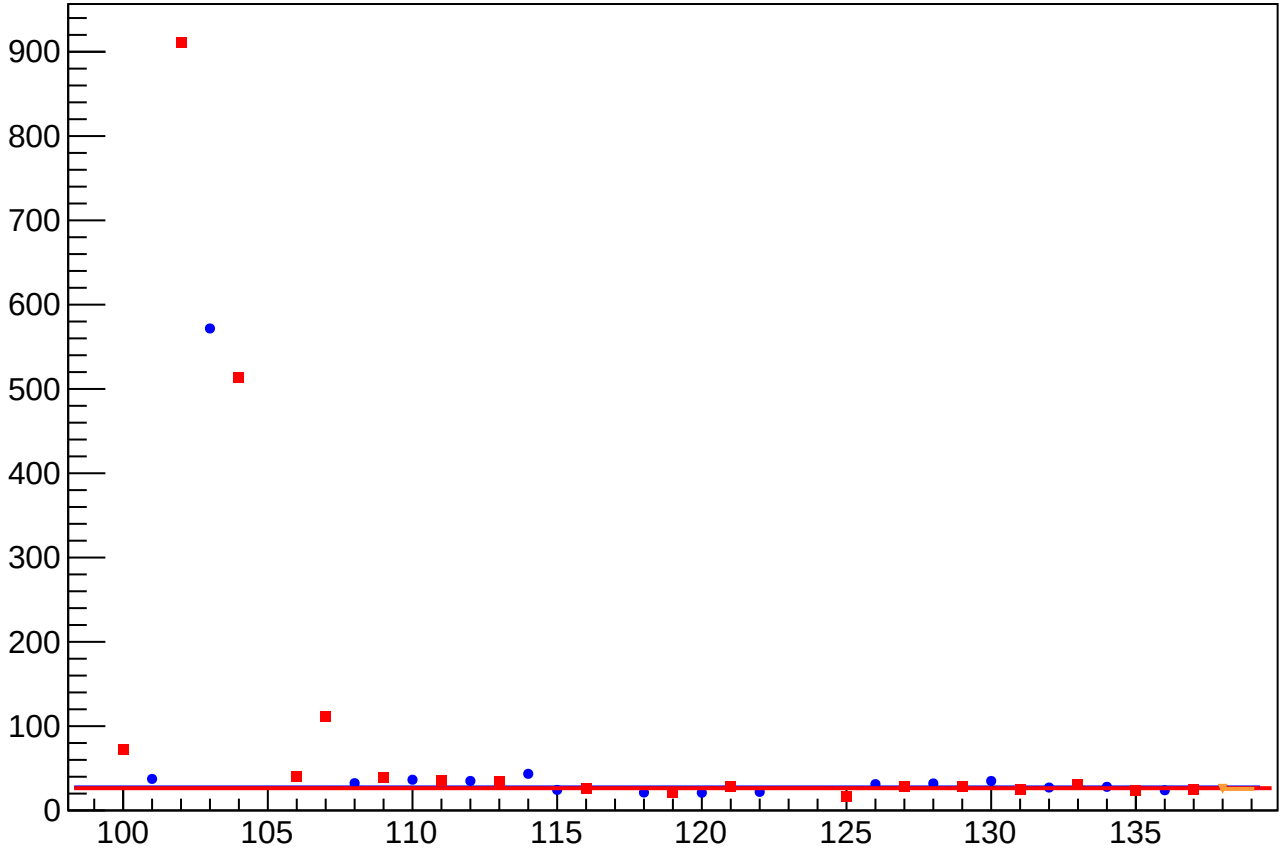
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.011 χ^2/NDF: 15.5/16

All: -0.008+/-0.008 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 27.305+/-0.008 χ^2/NDF: 1568325.9/15

Left Out: 25.595+/-0.022 χ^2/NDF:0.0/0

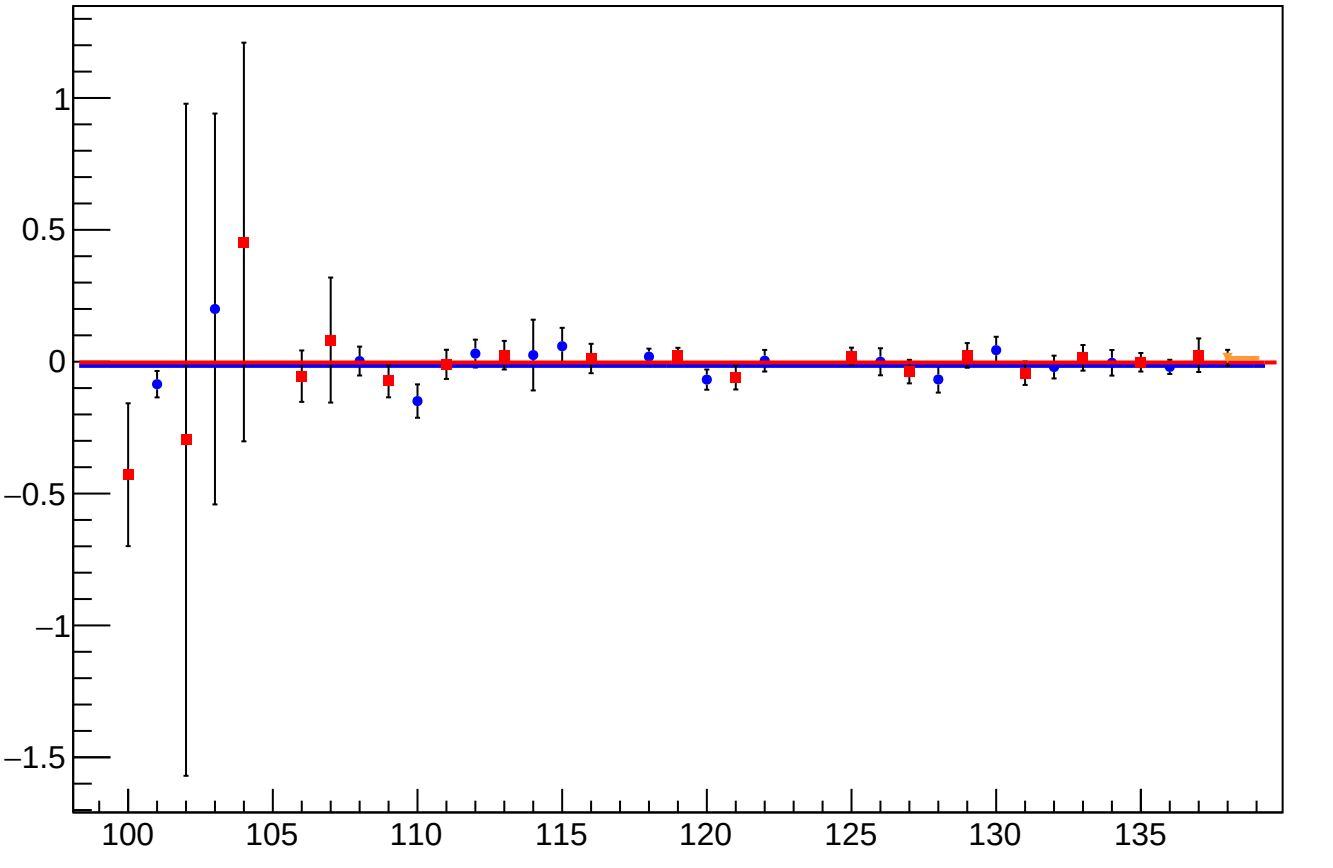
Right Out: 26.400+/-0.009 χ^2/NDF: 2614710.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.091+/-0.008 χ^2/NDF: 1573795.6/16

All: 26.782+/-0.006 χ^2/NDF: 4192163.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 14.6/15

Left Out: 0.014+/-0.031 χ^2/NDF:0.0/0

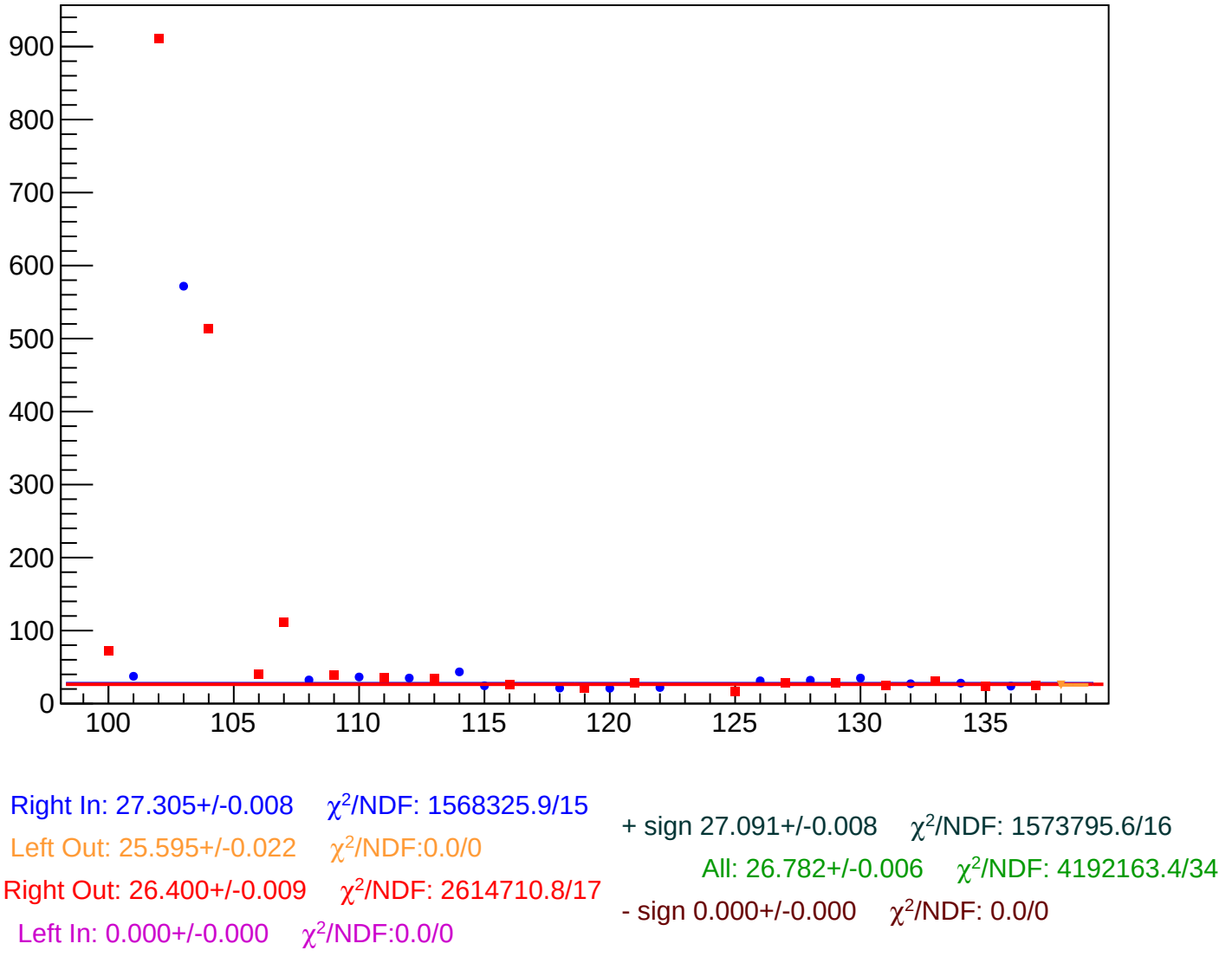
Right Out: -0.003+/-0.012 χ^2/NDF: 9.9/17

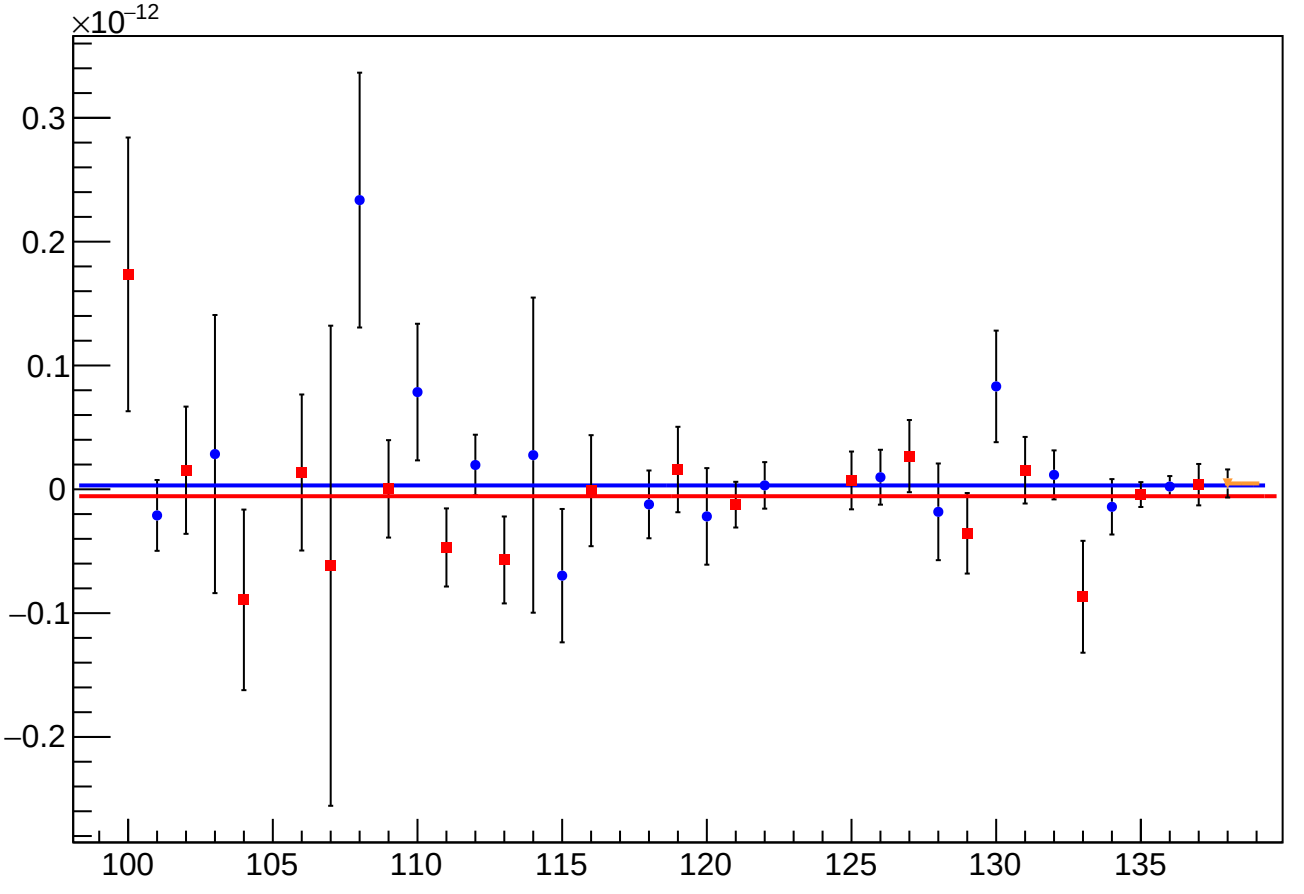
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.011 χ^2/NDF: 15.5/16

All: -0.008+/-0.008 χ^2/NDF: 25.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug
900
800
700
600
500
400
300
200
100
0
100
105
110
115
120
125
130
135
Right In: 27.305+/-0.008 χ²/NDF: 1568325.9/15
Left Out: 25.595+/-0.022 χ²/NDF:0.0/0
Right Out: 26.400+/-0.009 χ²/NDF: 2614710.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 27.091+/-0.008 χ²/NDF: 1573795.6/16
All: 26.782+/-0.006 χ²/NDF: 4192163.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

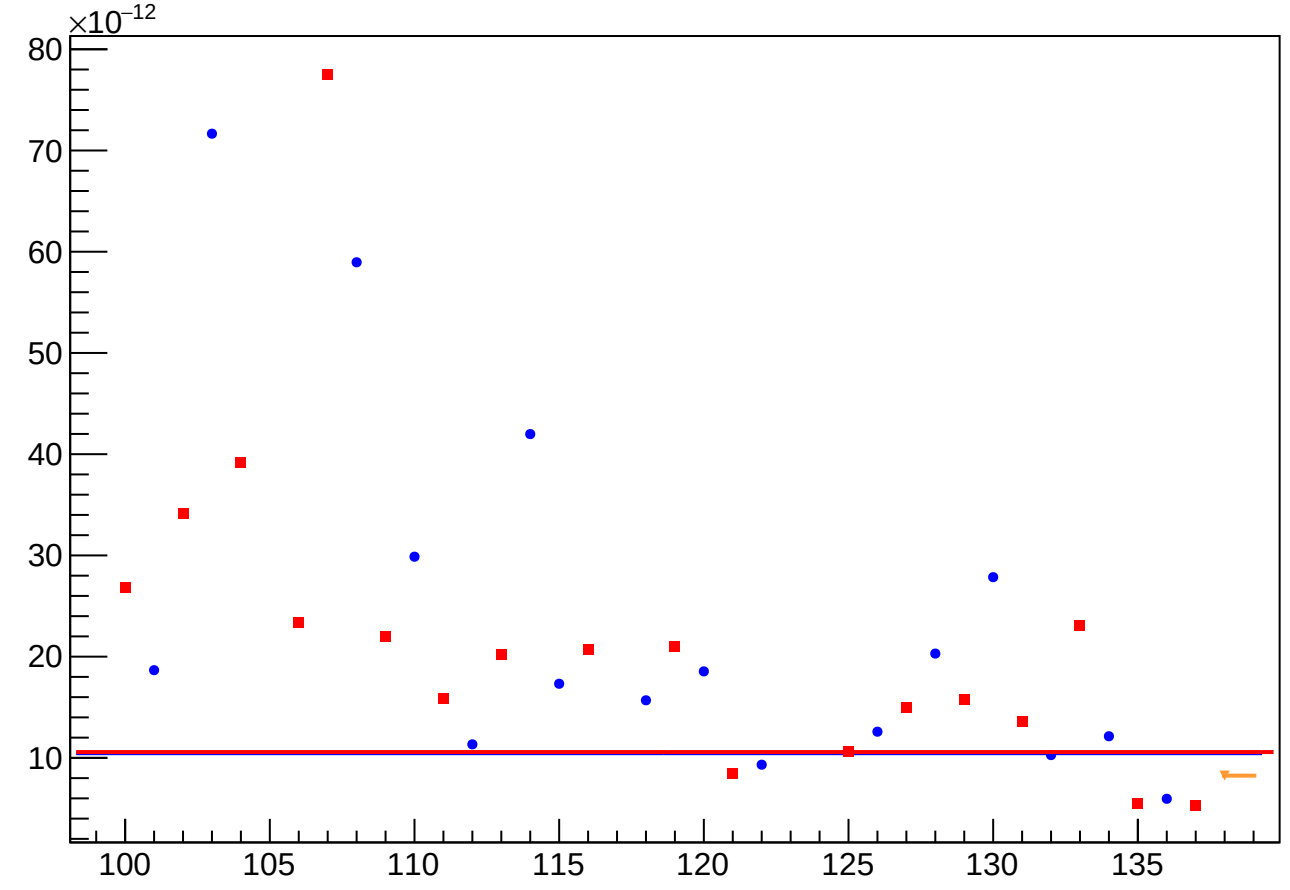
Right Out: -0.000+/-0.000 χ^2/NDF: 15.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.0/16

All: -0.000+/-0.000 χ^2/NDF: 31.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2794895.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2771384.1/17

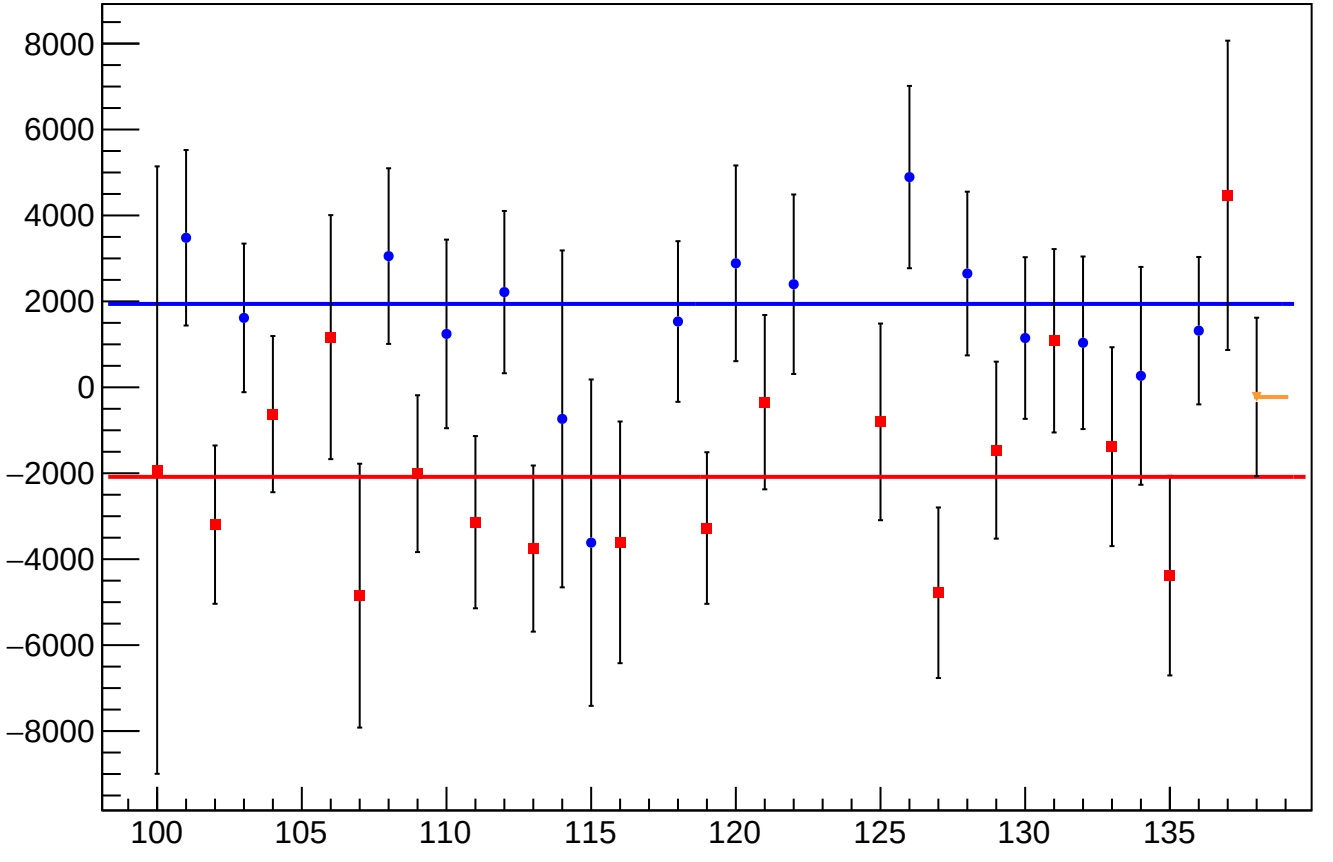
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2855958.8/16

All: 0.000+/-0.000 χ^2/NDF: 5637435.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 1940.976+/-522.174 χ^2/NDF: 6.9/15

Left Out: -225.226+/-1845.489 χ^2/NDF:0.0/0

Right Out: -2083.952+/-519.583 χ^2/NDF: 14.5/17

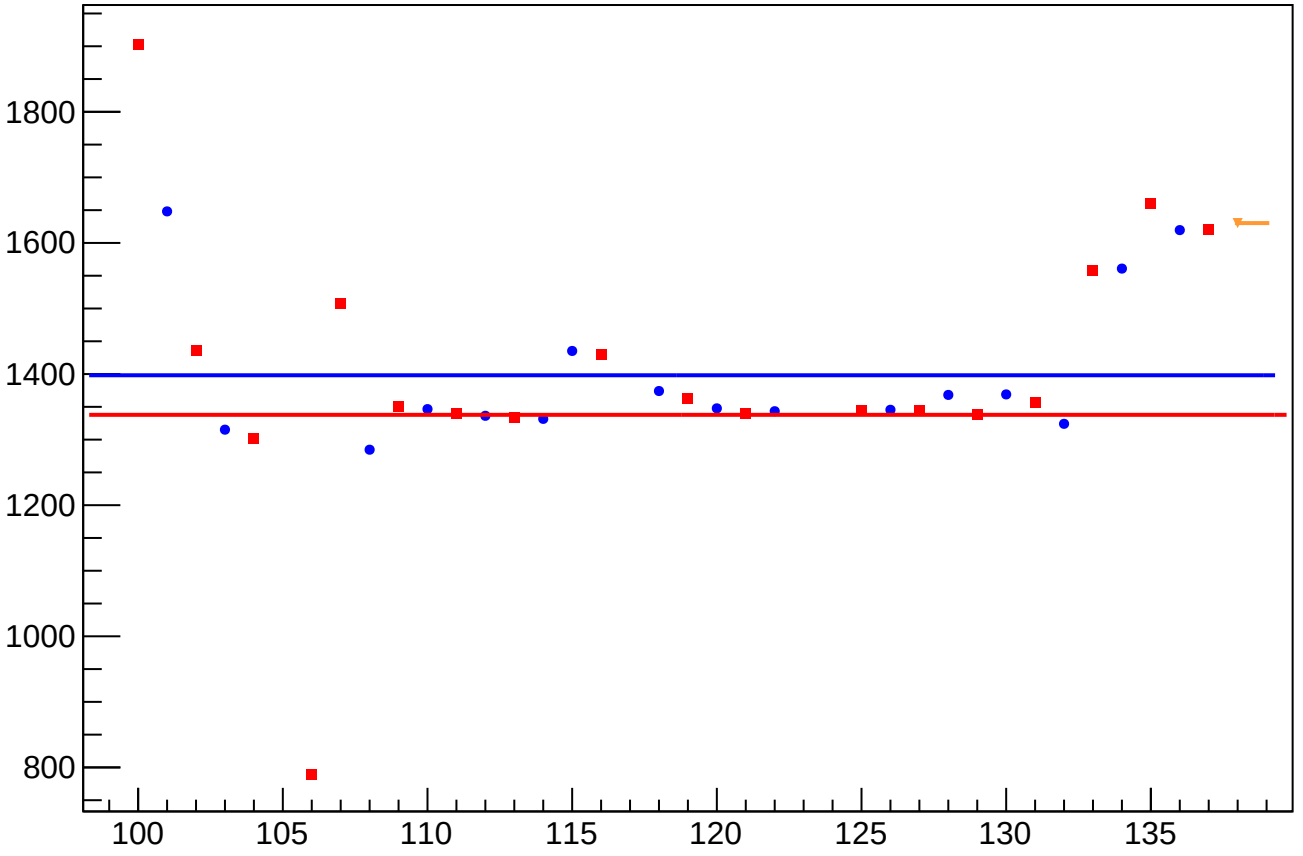
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1780.408+/-502.449 χ^2/NDF: 8.2/16

All: -87.003+/-361.191 χ^2/NDF: 51.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1398.161+/-0.369 χ^2/NDF: 93923.6/15

Left Out: 1630.291+/-1.305 χ^2/NDF:0.0/0

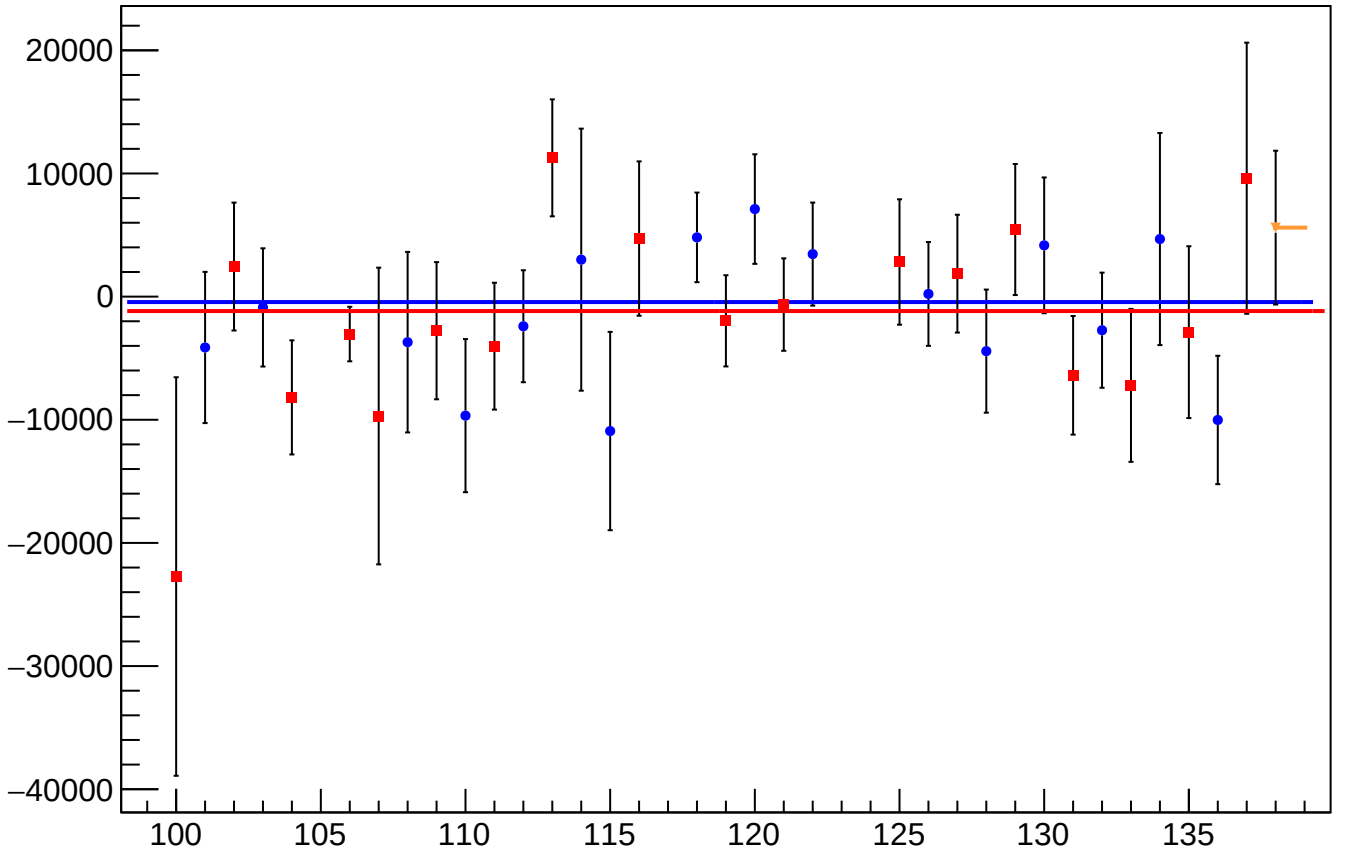
Right Out: 1337.819+/-0.356 χ^2/NDF: 317763.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1415.367+/-0.355 χ^2/NDF: 123220.7/16

All: 1376.661+/-0.251 χ^2/NDF: 464763.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -441.138+/-1295.916 χ^2/NDF: 15.9/15

Left Out: 5602.521+/-6244.627 χ^2/NDF:0.0/0

Right Out: -1171.548+/-1119.890 χ^2/NDF: 19.7/17

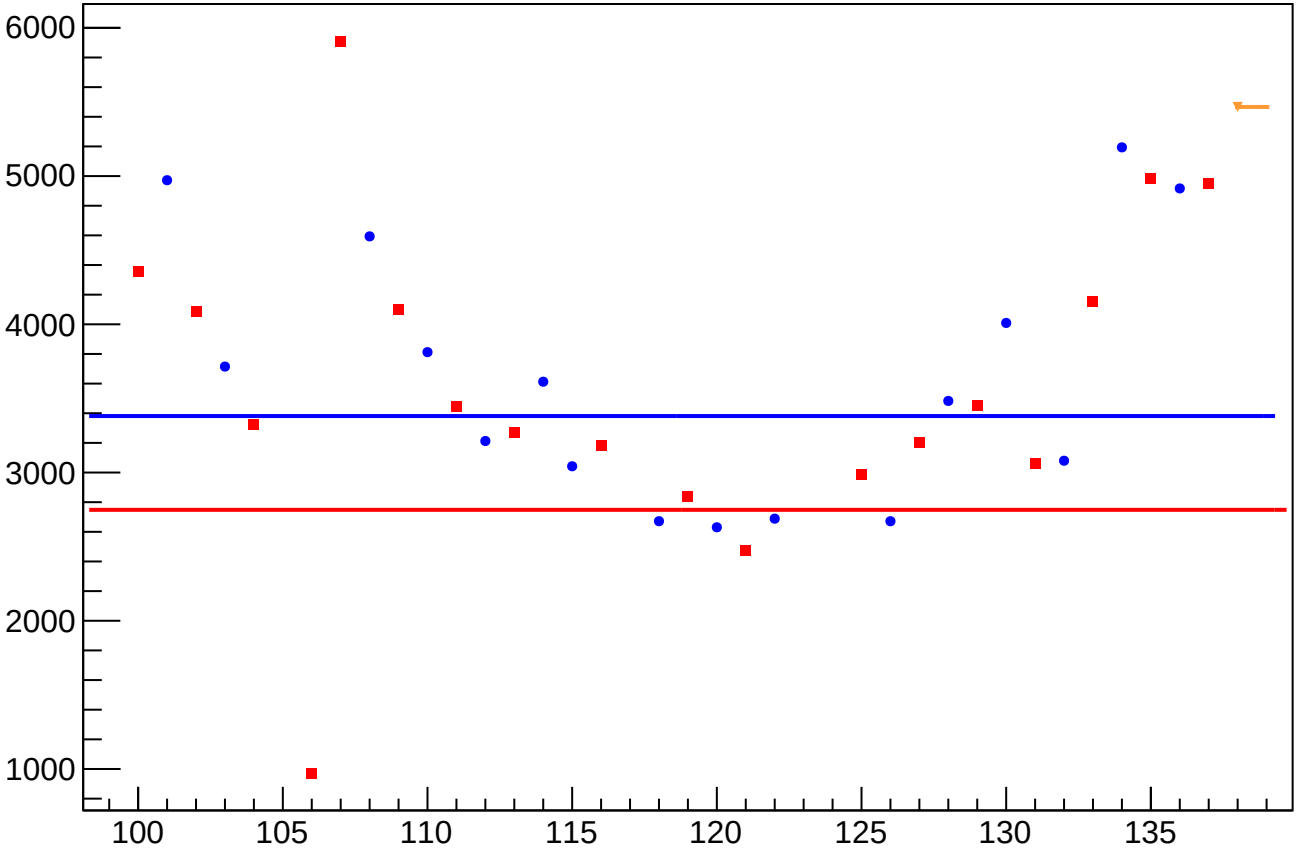
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -191.604+/-1268.881 χ^2/NDF: 16.8/16

All: -742.460+/-839.641 χ^2/NDF: 36.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3381.117+/-0.916 χ^2/NDF: 757146.6/15

Left Out: 5466.355+/-4.416 χ^2/NDF:0.0/0

Right Out: 2748.372+/-0.792 χ^2/NDF: 2264563.8/17

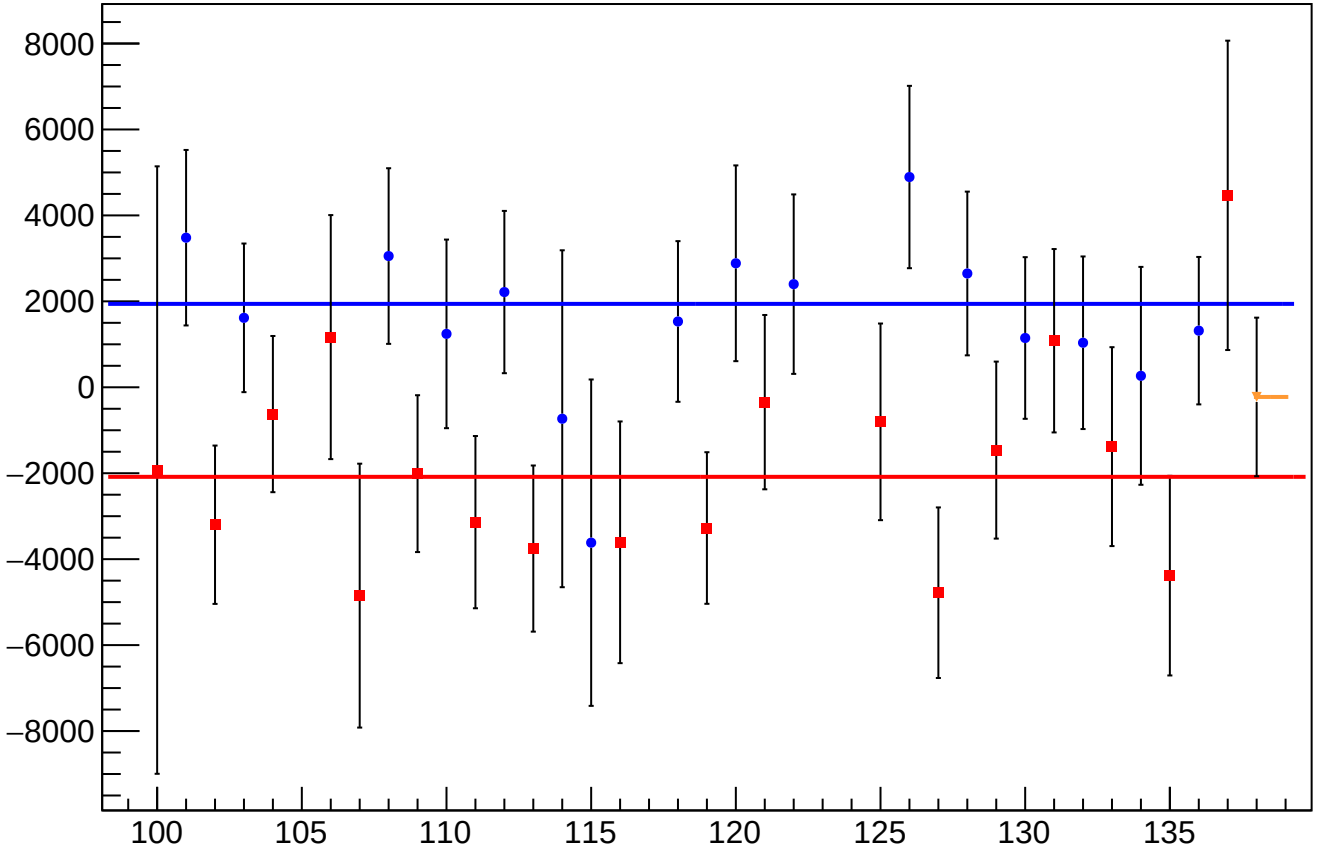
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3467.213+/-0.897 χ^2/NDF: 970950.7/16

All: 3063.131+/-0.594 χ^2/NDF: 3596334.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 1941.031+/-522.174 χ^2/NDF: 6.9/15

Left Out: -225.079+/-1845.489 χ^2/NDF:0.0/0

Right Out: -2084.166+/-519.587 χ^2/NDF: 14.5/17

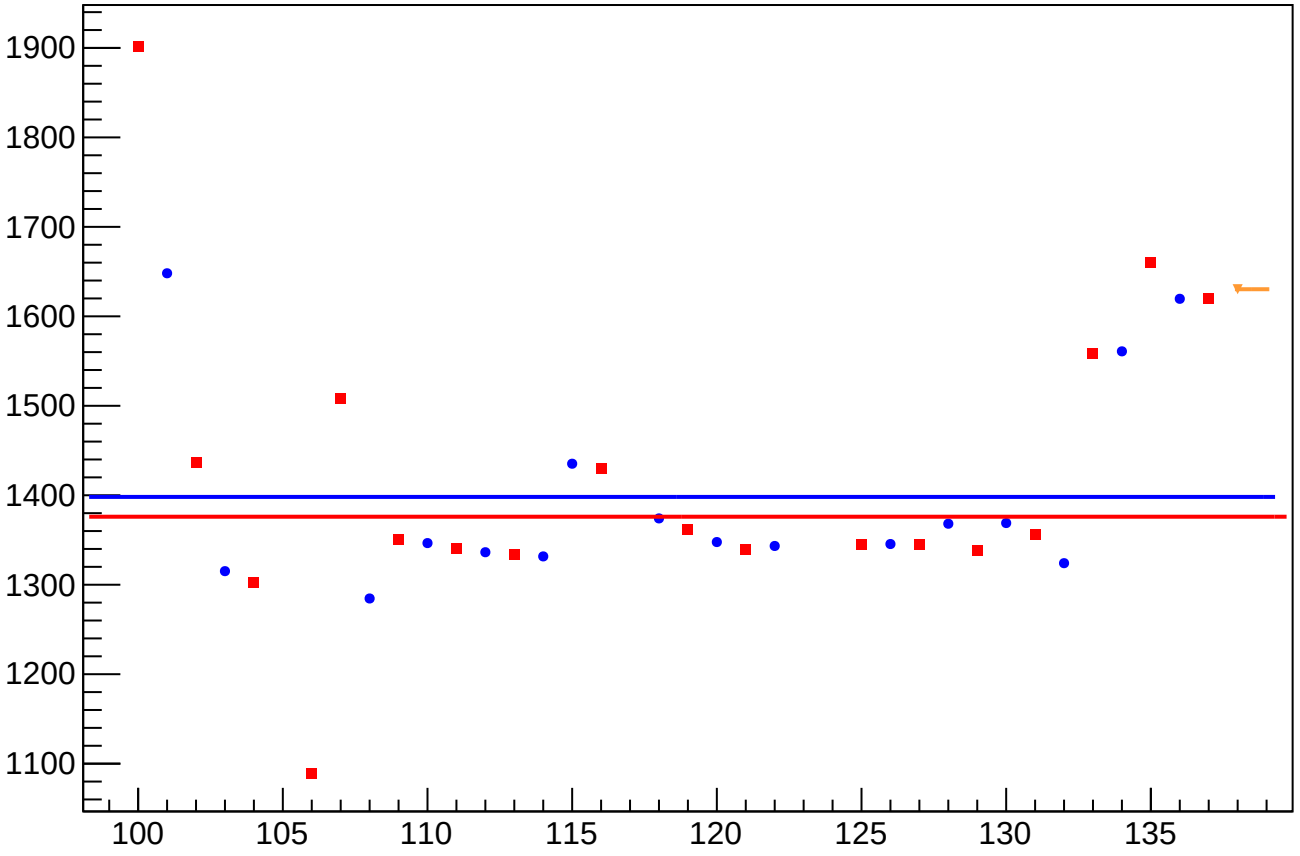
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1780.470+/-502.449 χ^2/NDF: 8.2/16

All: -87.062+/-361.192 χ^2/NDF: 51.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1398.161+/-0.369 χ^2/NDF: 93923.6/15

Left Out: 1630.291+/-1.305 χ^2/NDF:0.0/0

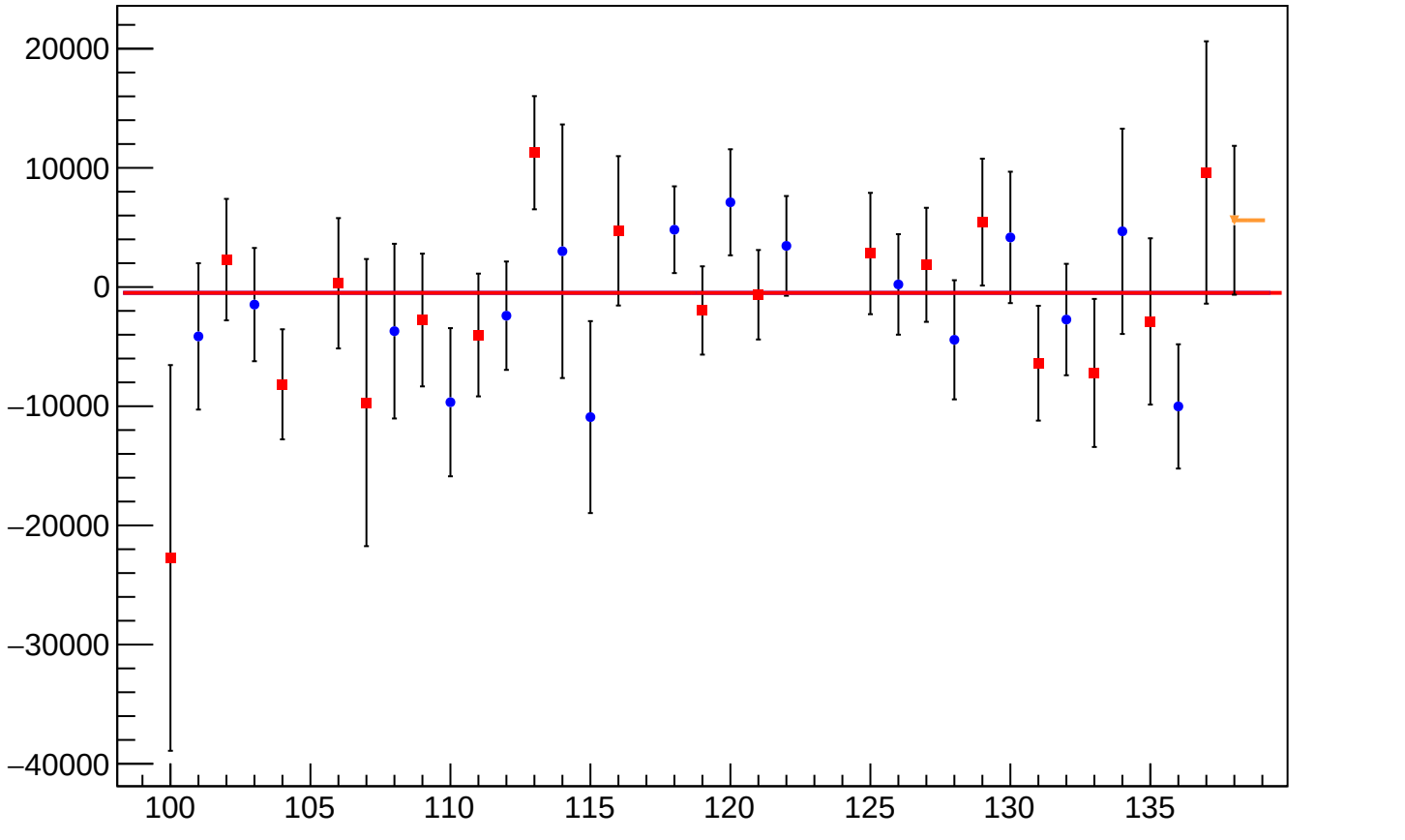
Right Out: 1376.021+/-0.363 χ^2/NDF: 114033.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1415.367+/-0.355 χ^2/NDF: 123220.7/16

All: 1396.091+/-0.254 χ^2/NDF: 243263.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -486.563+/-1294.930 χ^2/NDF: 15.9/15

Left Out: 5602.754+/-6244.630 χ^2/NDF:0.0/0

Right Out: -488.594+/-1261.315 χ^2/NDF: 18.7/17

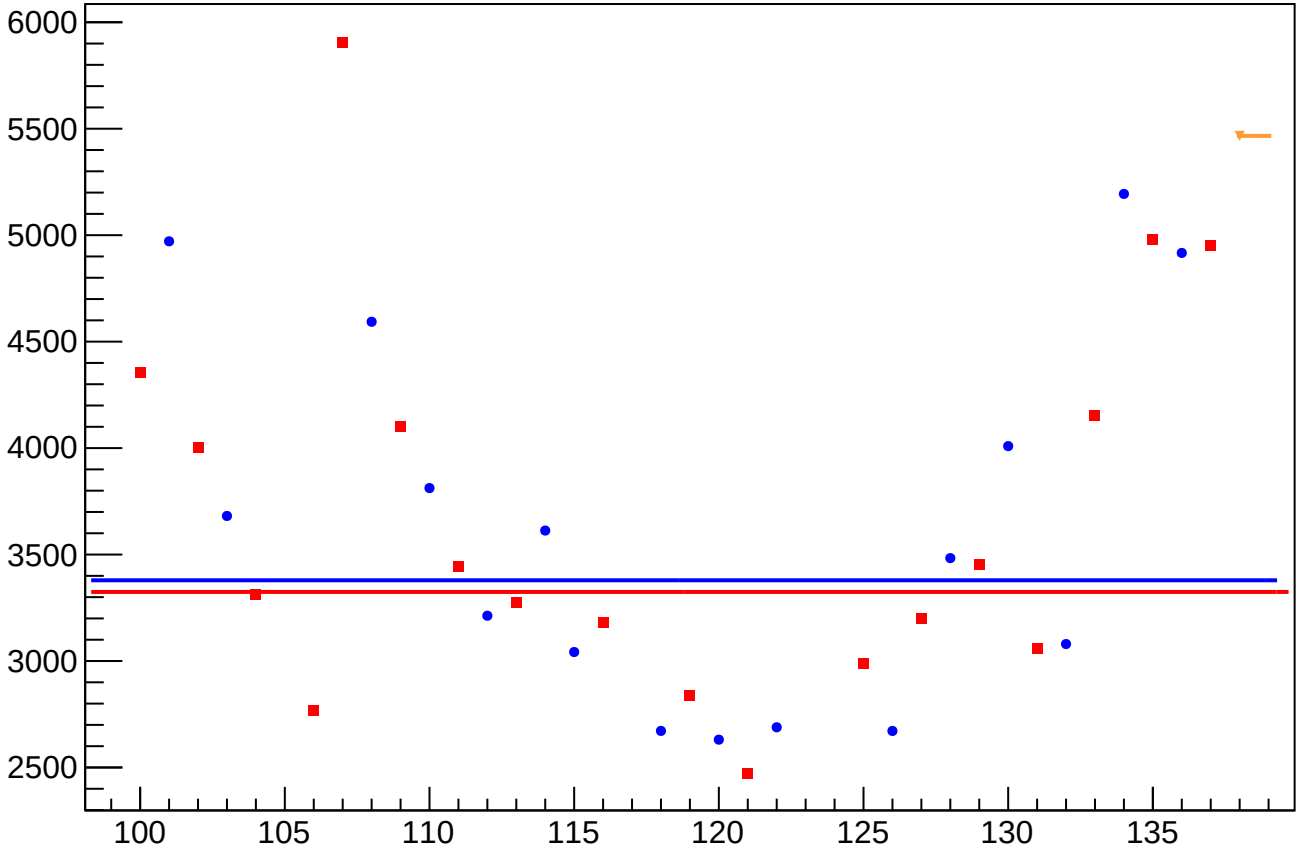
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -235.511+/-1267.955 χ^2/NDF: 16.9/16

All: -362.717+/-894.223 χ^2/NDF: 35.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3379.110+/-0.916 χ^2/NDF: 755339.9/15

Left Out: 5466.358+/-4.416 χ^2/NDF:0.0/0

Right Out: 3324.449+/-0.892 χ^2/NDF: 543813.3/17

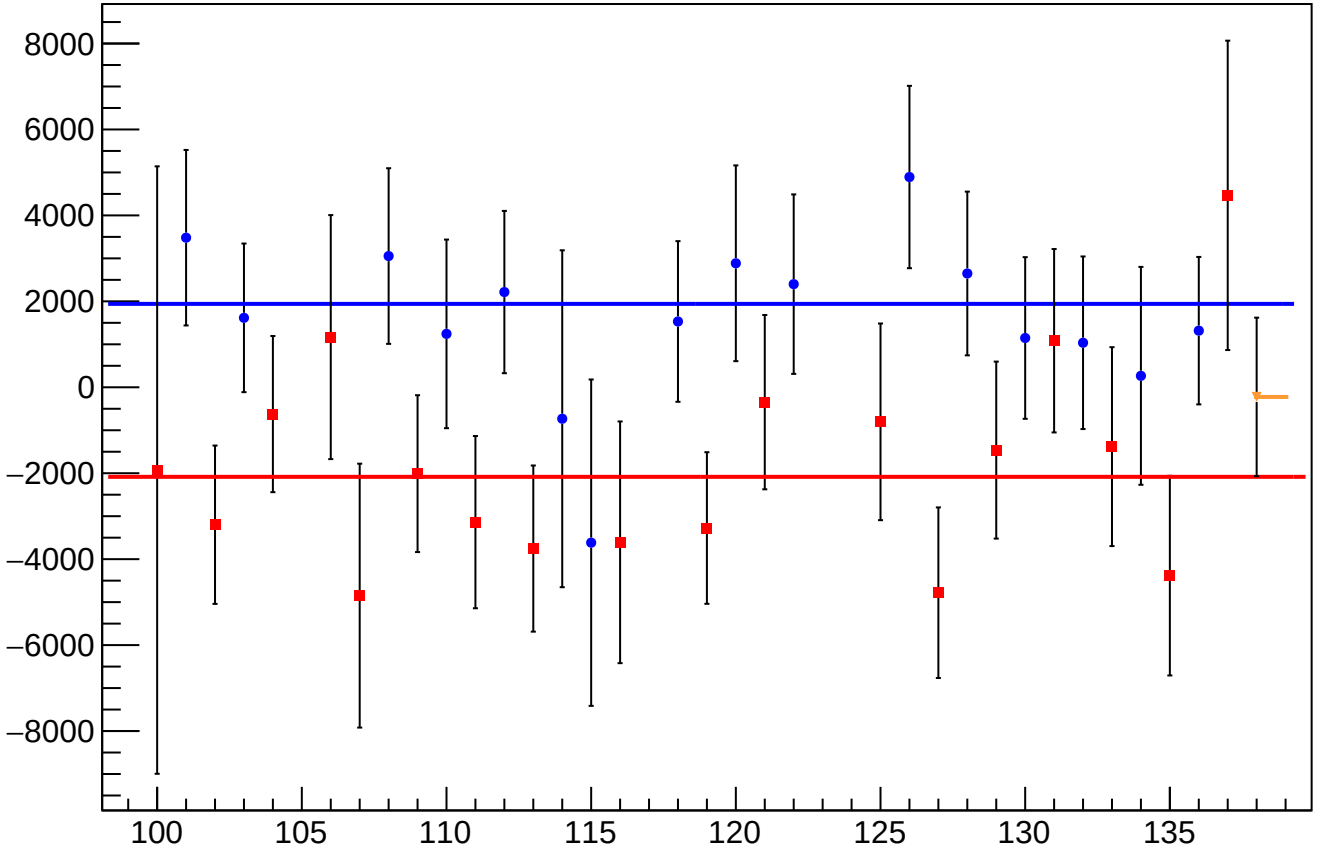
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3465.164+/-0.897 χ^2/NDF: 969569.6/16

All: 3394.437+/-0.632 χ^2/NDF: 1525763.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 1941.031+/-522.174 χ^2/NDF: 6.9/15

Left Out: -225.079+/-1845.489 χ^2/NDF:0.0/0

Right Out: -2084.166+/-519.587 χ^2/NDF: 14.5/17

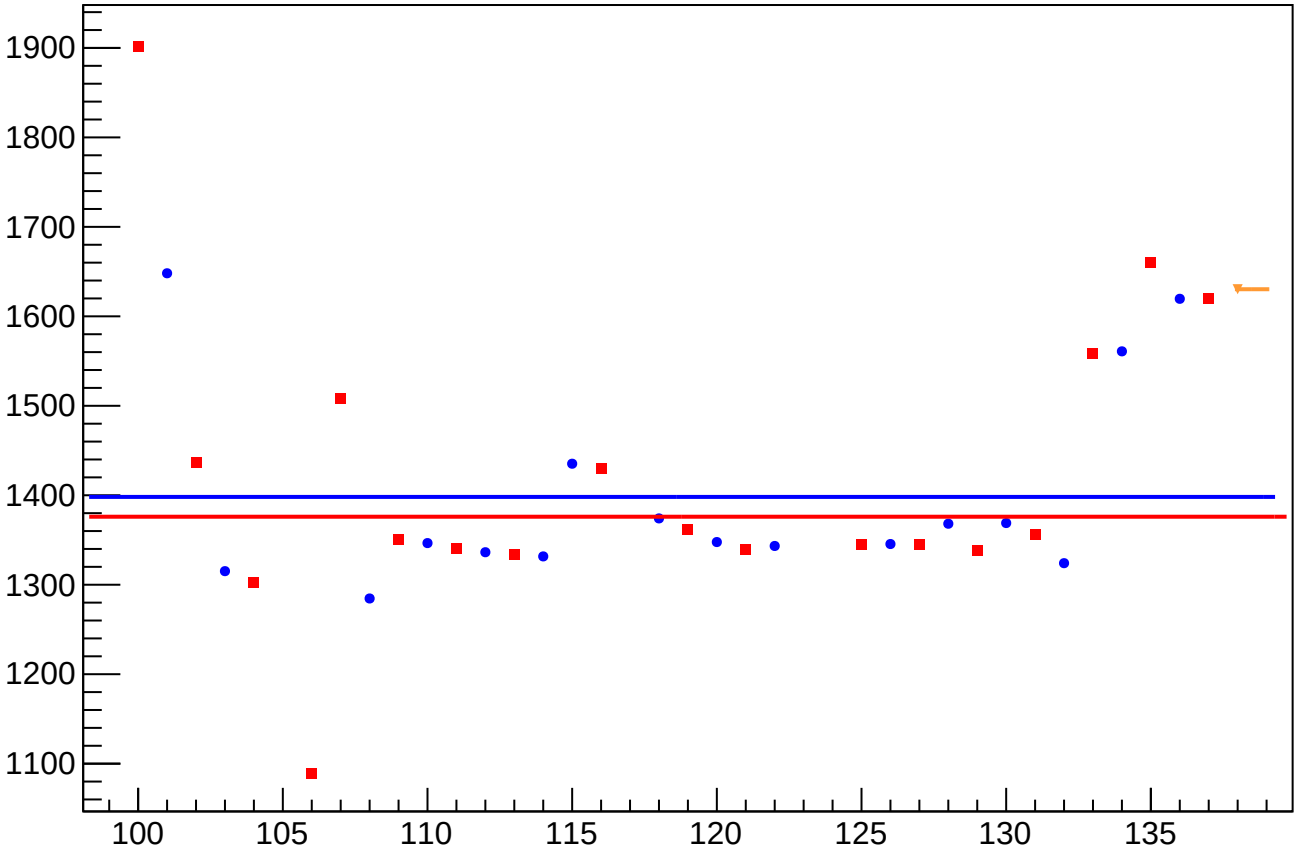
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1780.470+/-502.449 χ^2/NDF: 8.2/16

All: -87.062+/-361.192 χ^2/NDF: 51.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1398.161+/-0.369 χ^2/NDF: 93923.6/15

Left Out: 1630.291+/-1.305 χ^2/NDF:0.0/0

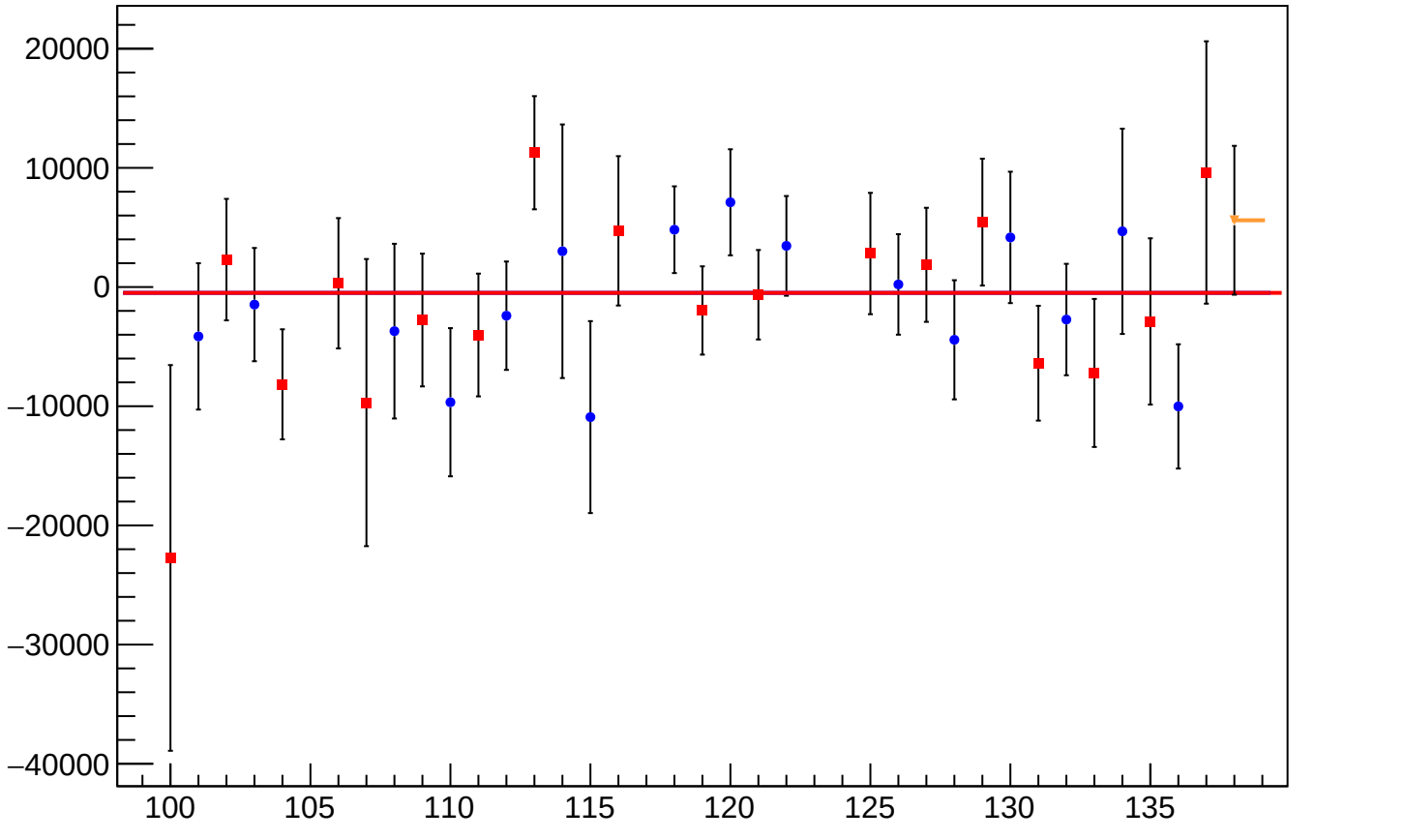
Right Out: 1376.021+/-0.363 χ^2/NDF: 114033.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1415.367+/-0.355 χ^2/NDF: 123220.7/16

All: 1396.091+/-0.254 χ^2/NDF: 243263.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -486.563+/-1294.930 χ^2/NDF: 15.9/15

Left Out: 5602.754+/-6244.630 χ^2/NDF:0.0/0

Right Out: -488.594+/-1261.315 χ^2/NDF: 18.7/17

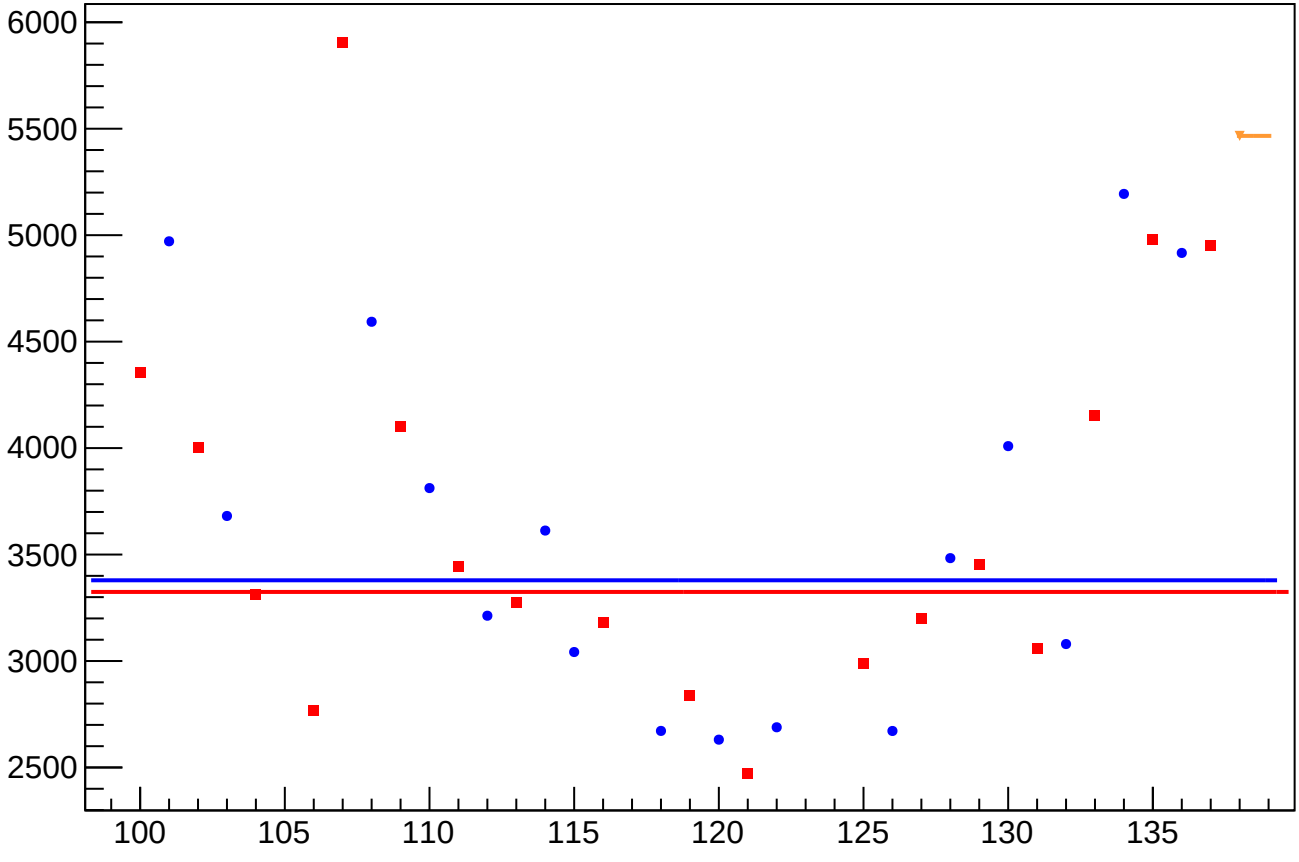
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -235.511+/-1267.955 χ^2/NDF: 16.9/16

All: -362.717+/-894.223 χ^2/NDF: 35.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 3379.110+/-0.916 χ^2/NDF: 755339.9/15

Left Out: 5466.358+/-4.416 χ^2/NDF:0.0/0

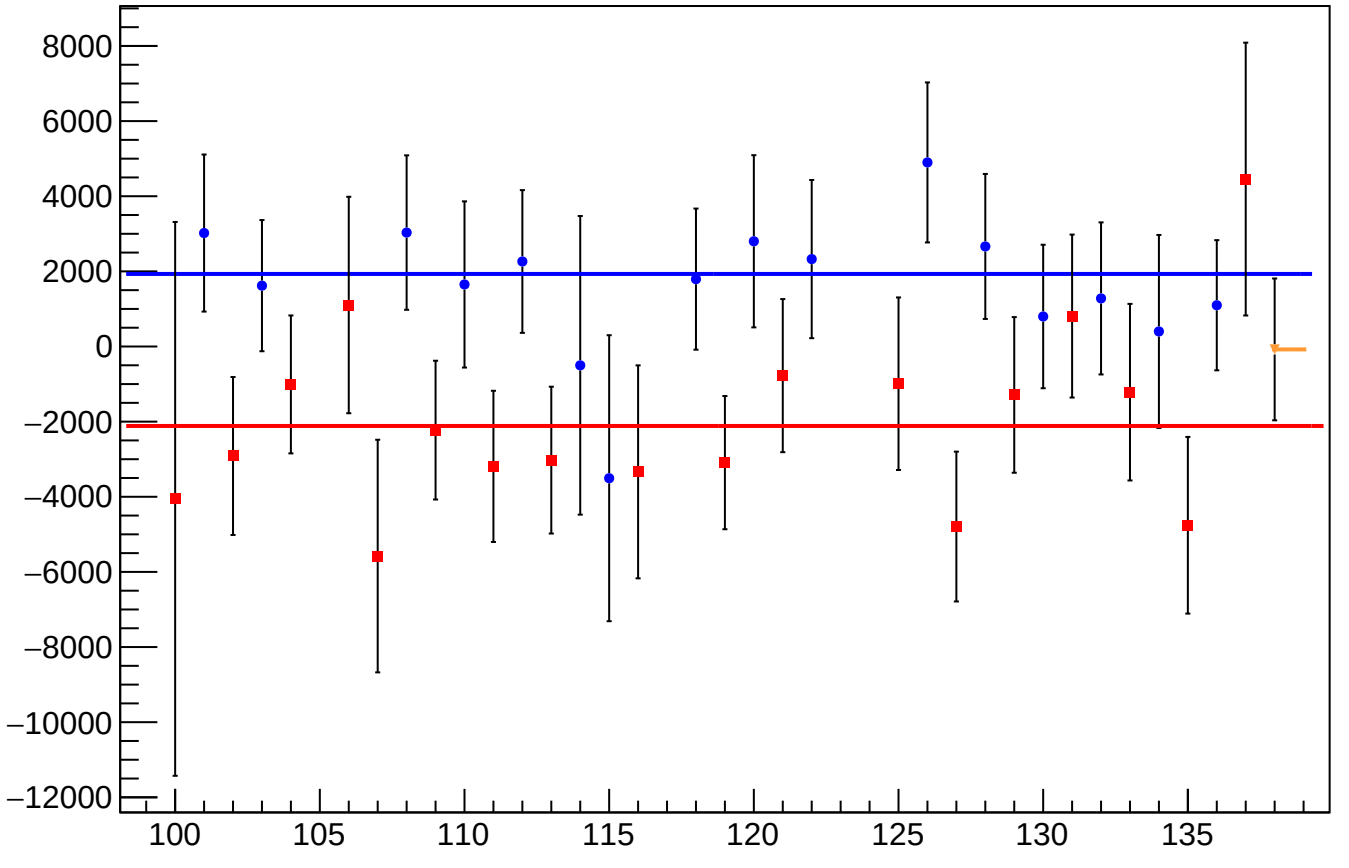
Right Out: 3324.449+/-0.892 χ^2/NDF: 543813.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3465.164+/-0.897 χ^2/NDF: 969569.6/16

All: 3394.437+/-0.632 χ^2/NDF: 1525763.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1931.537+/-527.135 χ^2/NDF: 6.4/15

Left Out: -77.257+/-1887.725 χ^2/NDF:0.0/0

Right Out: -2115.195+/-528.802 χ^2/NDF: 13.2/17

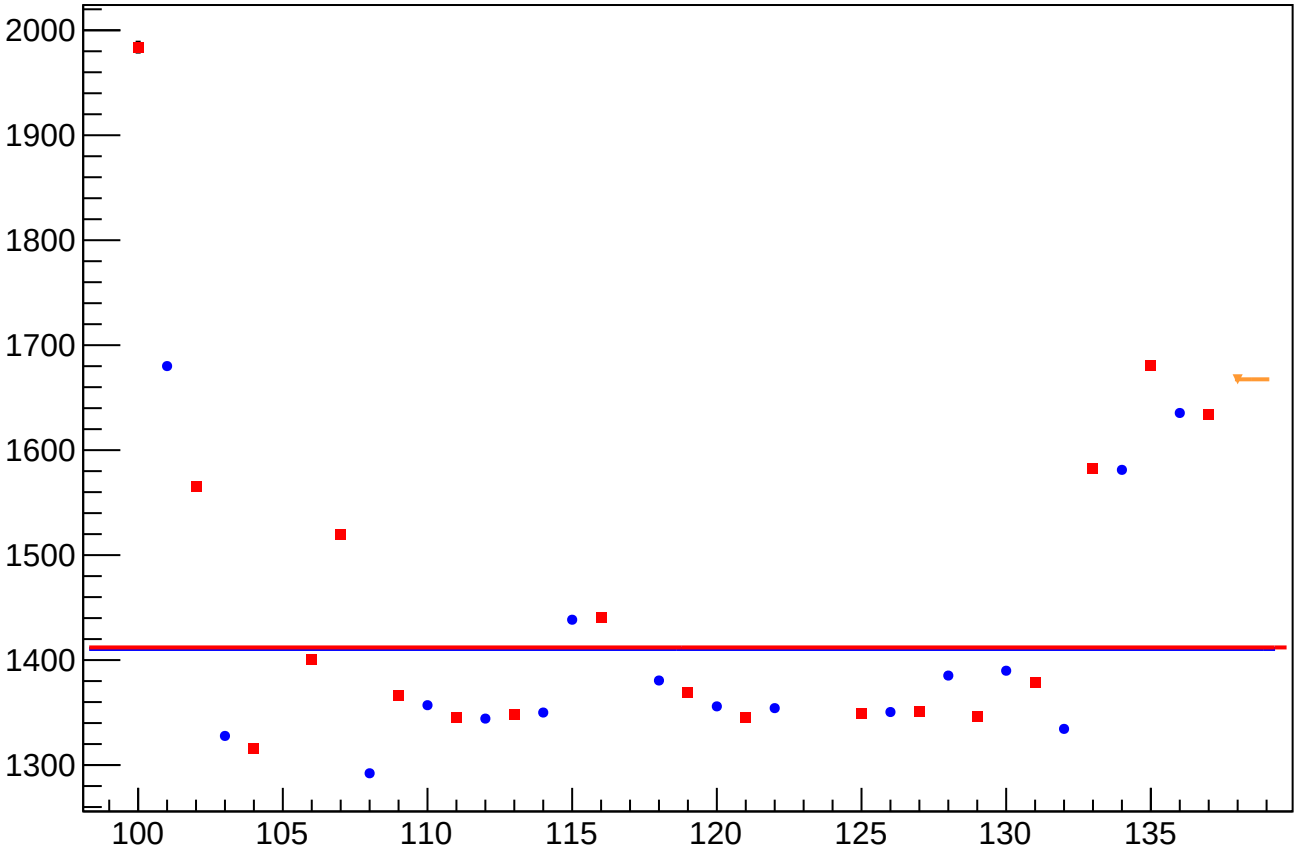
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1786.227+/-507.712 χ^2/NDF: 7.4/16

All: -85.133+/-366.236 χ^2/NDF: 48.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1410.595+/-0.373 χ^2/NDF: 99150.0/15

Left Out: 1667.472+/-1.335 χ^2/NDF:0.0/0

Right Out: 1412.048+/-0.373 χ^2/NDF: 89704.5/17

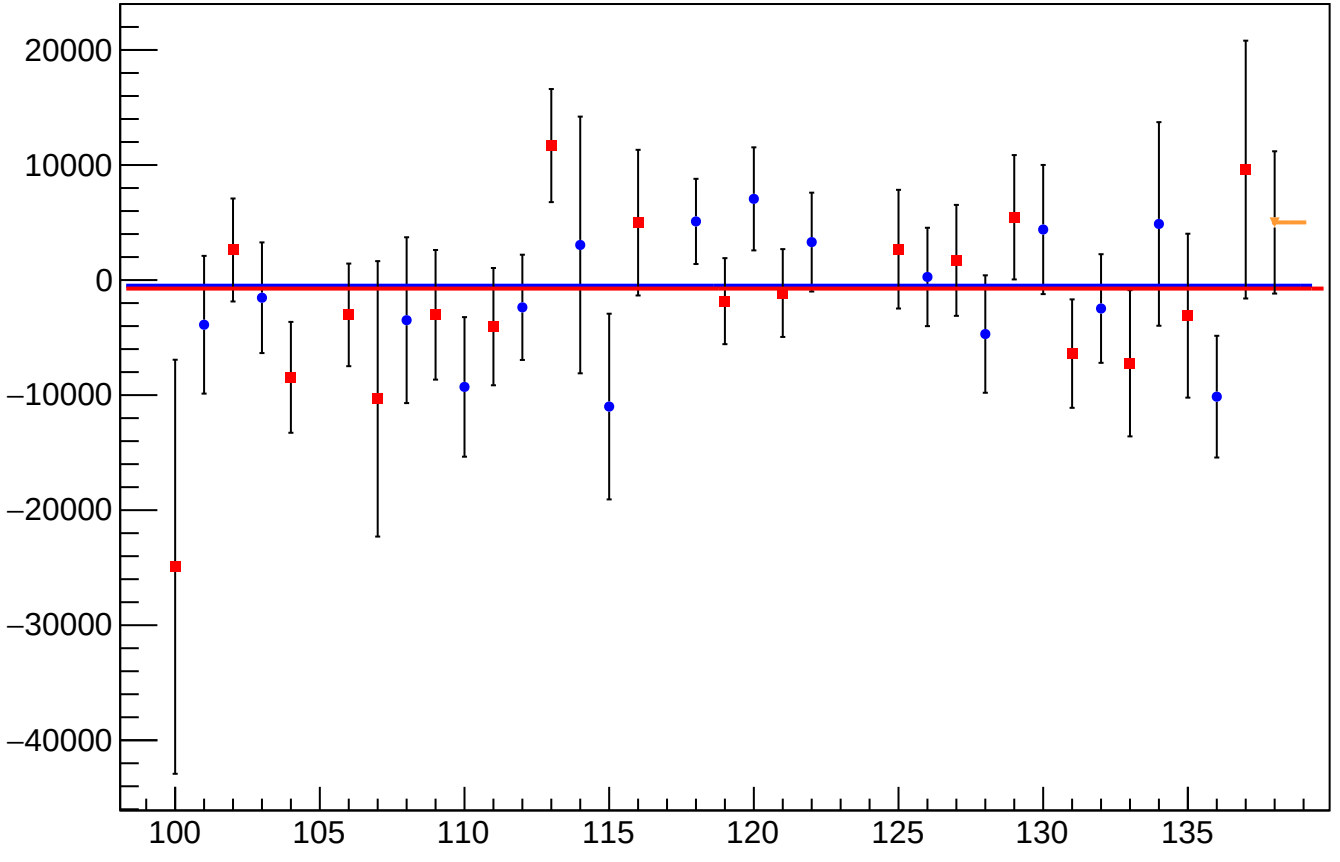
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1429.177+/-0.359 χ^2/NDF: 133505.1/16

All: 1420.938+/-0.259 χ^2/NDF: 224304.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: -489.402+/-1308.692 χ^2/NDF: 15.8/15

Left Out: 5011.096+/-6183.620 χ^2/NDF:0.0/0

Right Out: -740.592+/-1247.947 χ^2/NDF: 19.2/17

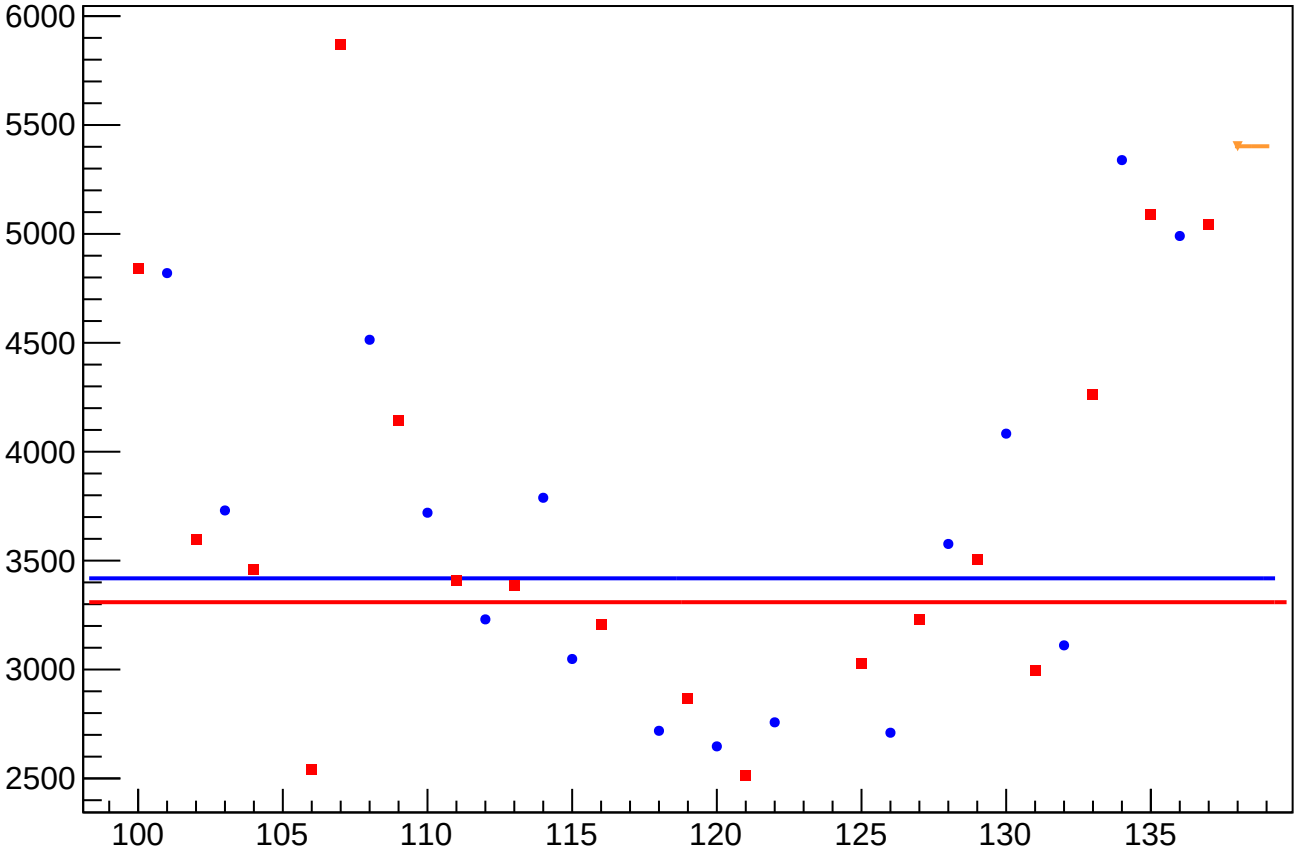
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -253.592+/-1280.332 χ^2/NDF: 16.6/16

All: -503.329+/-893.662 χ^2/NDF: 35.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3418.701+/-0.925 χ^2/NDF: 721215.3/15

Left Out: 5402.432+/-4.372 χ^2/NDF:0.0/0

Right Out: 3309.112+/-0.882 χ^2/NDF: 571940.6/17

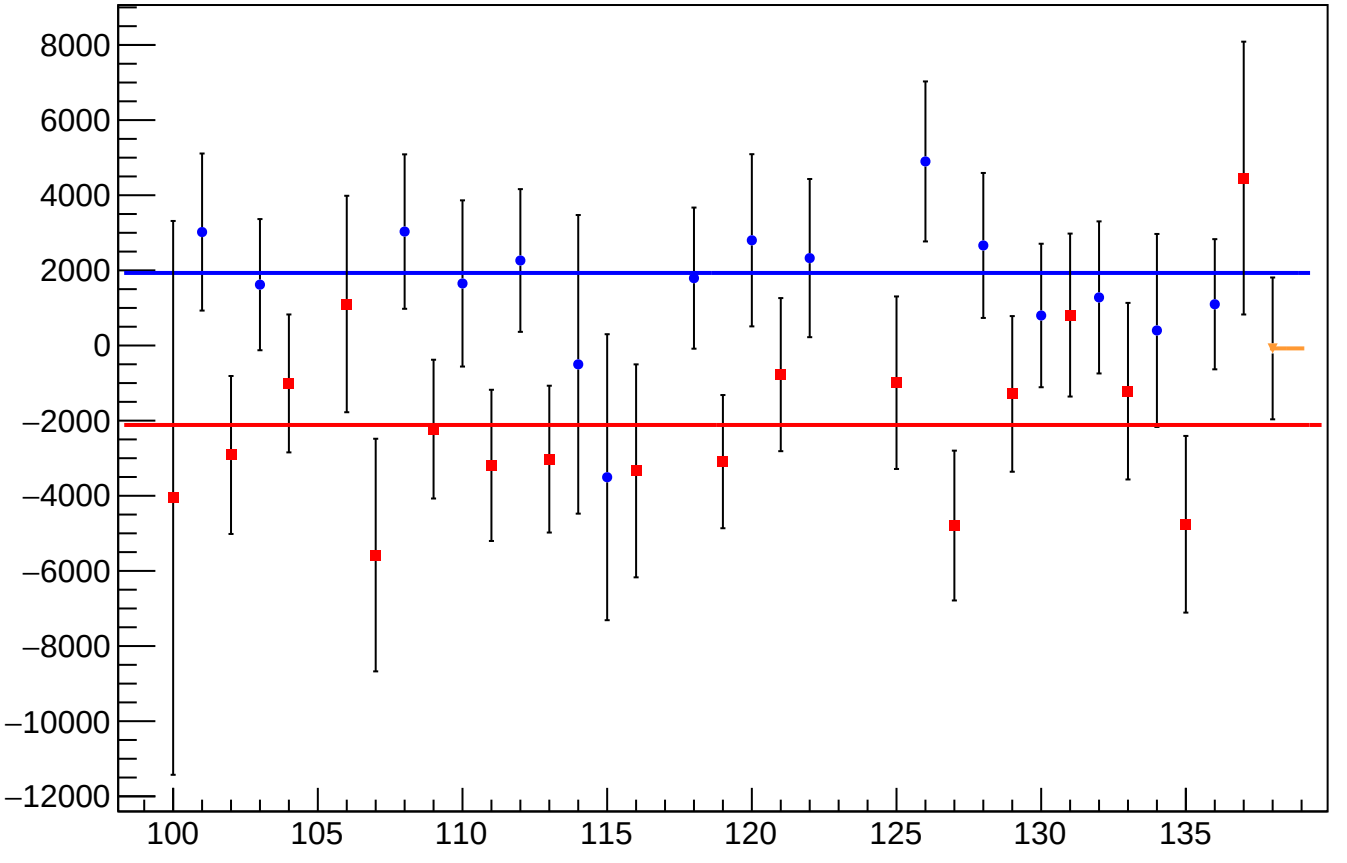
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3503.745+/-0.905 χ^2/NDF: 918221.9/16

All: 3403.936+/-0.632 χ^2/NDF: 1513863.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 1931.538+/-527.135 χ^2/NDF: 6.4/15

Left Out: -77.220+/-1887.725 χ^2/NDF:0.0/0

Right Out: -2115.195+/-528.802 χ^2/NDF: 13.2/17

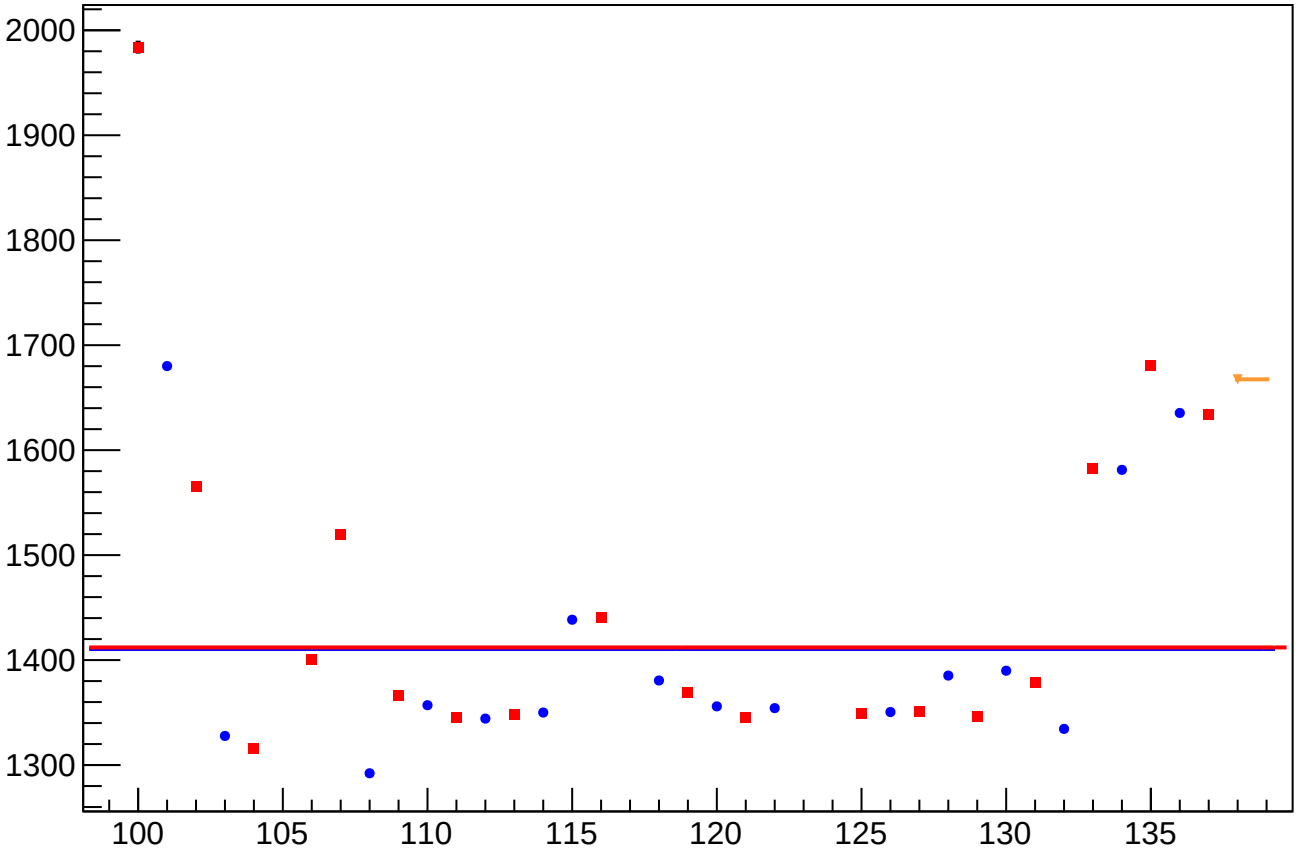
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1786.231+/-507.712 χ^2/NDF: 7.4/16

All: -85.131+/-366.236 χ^2/NDF: 48.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1410.595+/-0.373 χ^2/NDF: 99150.0/15

Left Out: 1667.471+/-1.335 χ^2/NDF:0.0/0

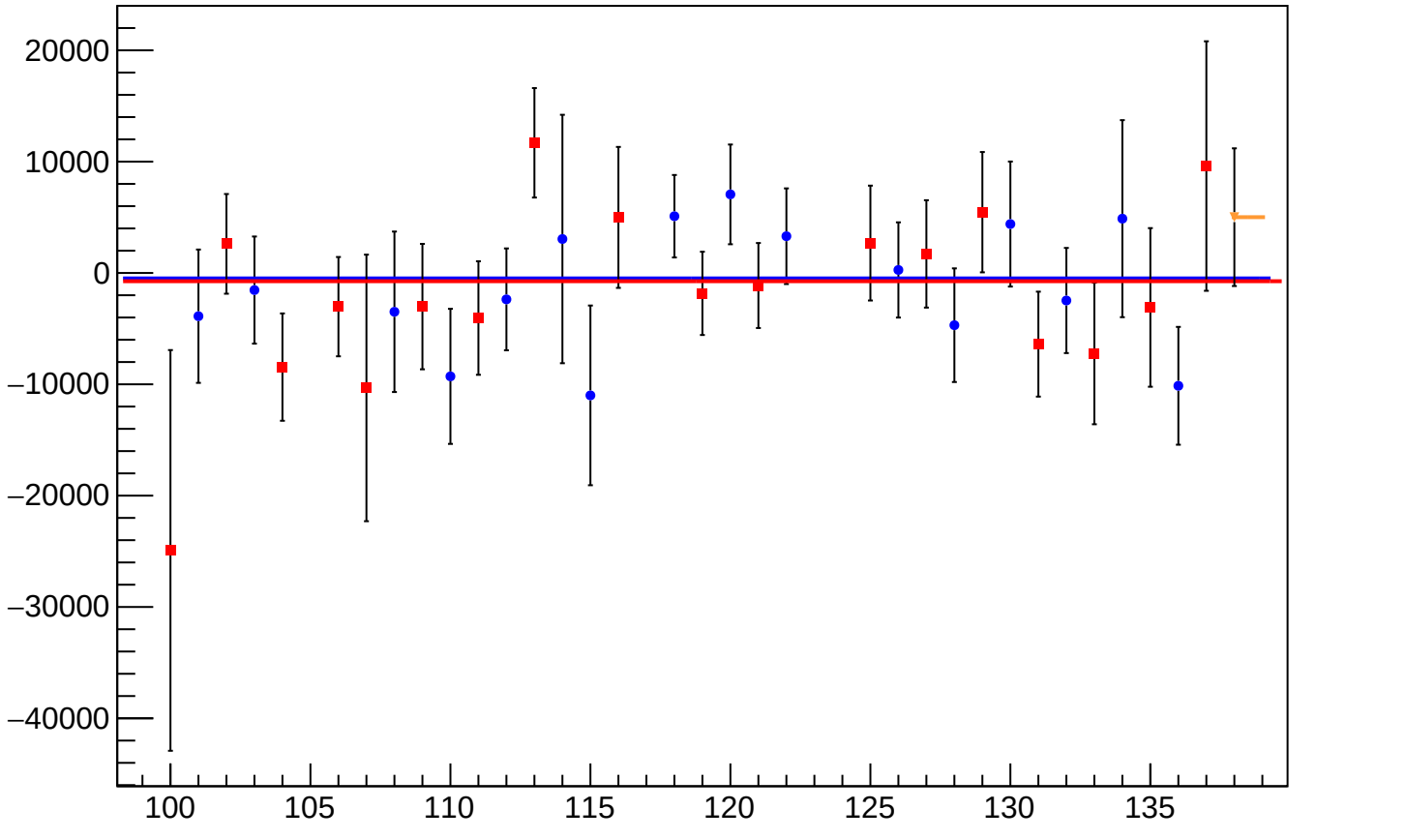
Right Out: 1412.048+/-0.373 χ^2/NDF: 89704.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1429.177+/-0.359 χ^2/NDF: 133505.0/16

All: 1420.938+/-0.259 χ^2/NDF: 224304.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -489.395+/-1308.688 χ^2/NDF: 15.8/15

Left Out: 5011.127+/-6183.640 χ^2/NDF:0.0/0

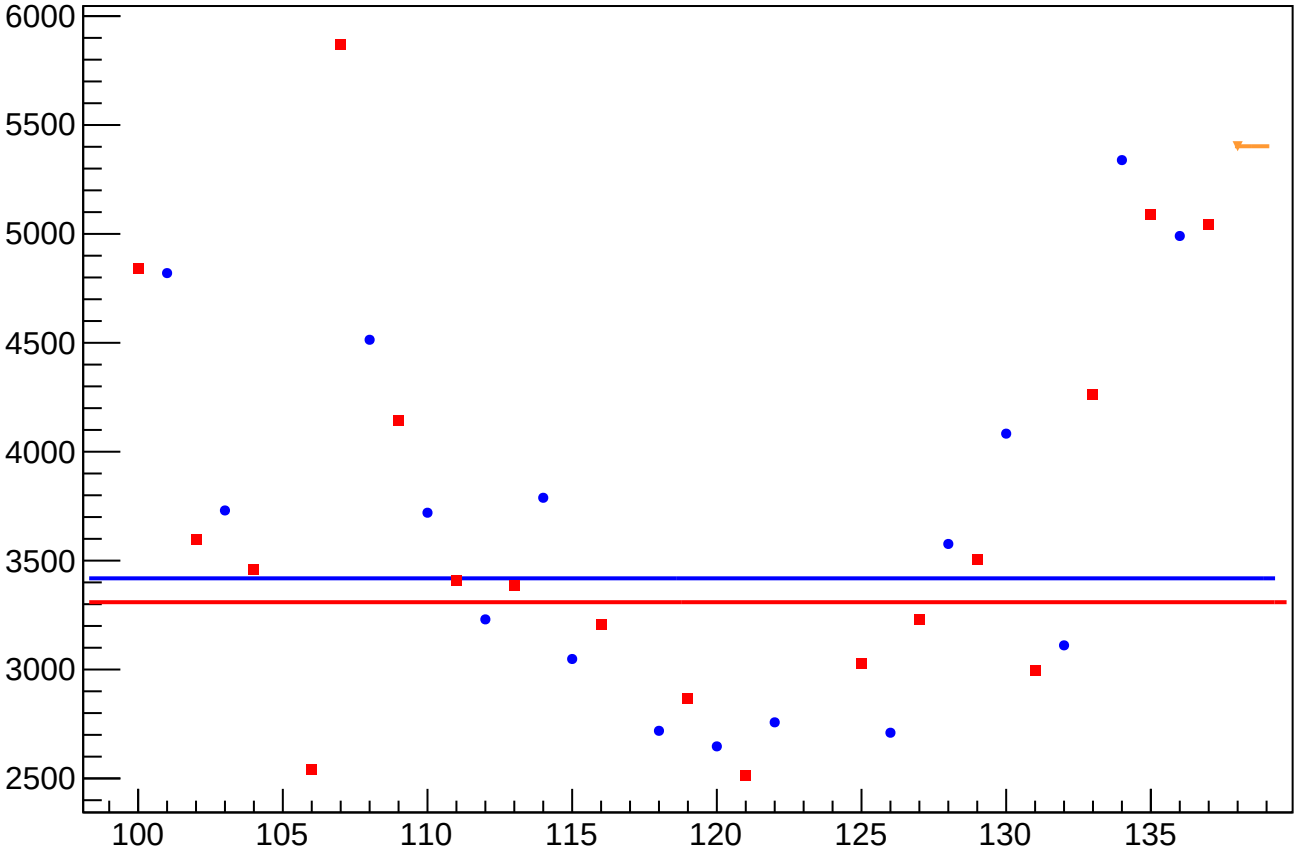
Right Out: -740.594+/-1247.944 χ^2/NDF: 19.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -253.587+/-1280.329 χ^2/NDF: 16.6/16

All: -503.328+/-893.659 χ^2/NDF: 35.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3418.690+/-0.925 χ^2/NDF: 721223.9/15

Left Out: 5402.450+/-4.372 χ^2/NDF:0.0/0

Right Out: 3309.102+/-0.882 χ^2/NDF: 571944.5/17

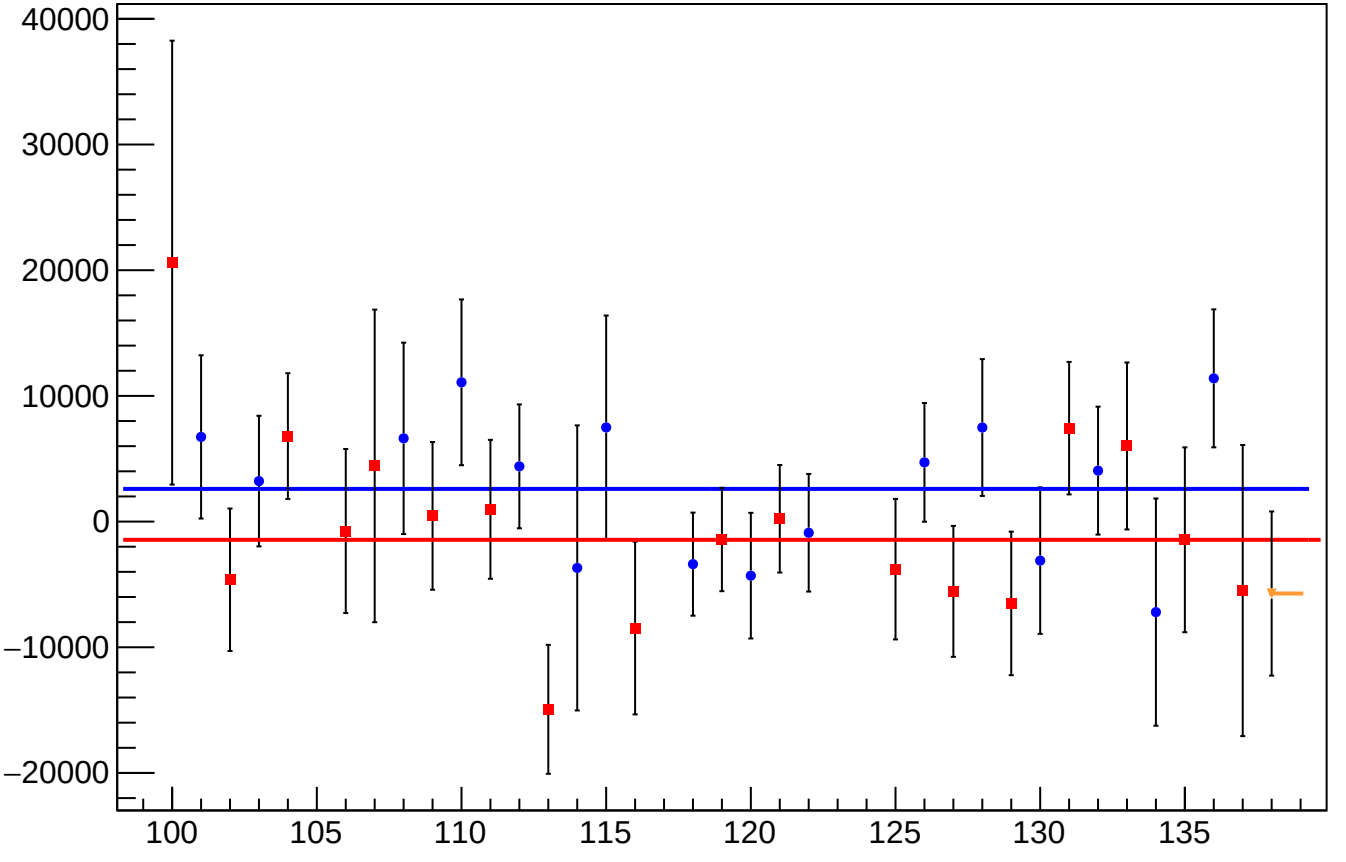
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3503.734+/-0.905 χ^2/NDF: 918235.2/16

All: 3403.925+/-0.632 χ^2/NDF: 1513880.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 2599.622+/-1414.499 χ^2/NDF: 13.5/15

Left Out: -5724.000+/-6530.598 χ^2/NDF:0.0/0

Right Out: -1450.418+/-1382.818 χ^2/NDF: 19.0/17

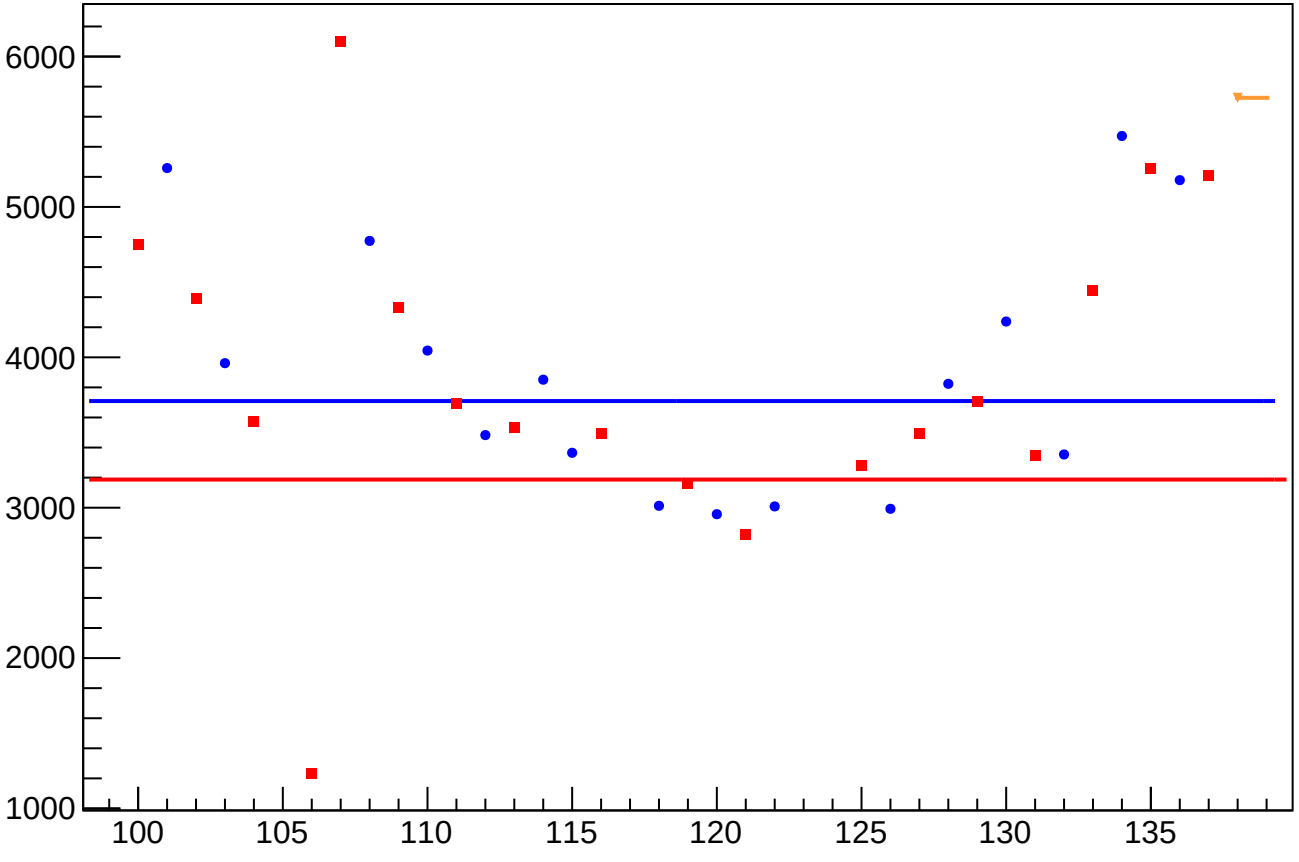
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2226.629+/-1382.443 χ^2/NDF: 15.0/16

All: 388.605+/-977.667 χ^2/NDF: 37.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_rms vs Slug



Right In: 3709.155+/-1.000 χ^2/NDF: 610637.3/15

Left Out: 5725.618+/-4.618 χ^2/NDF:0.0/0

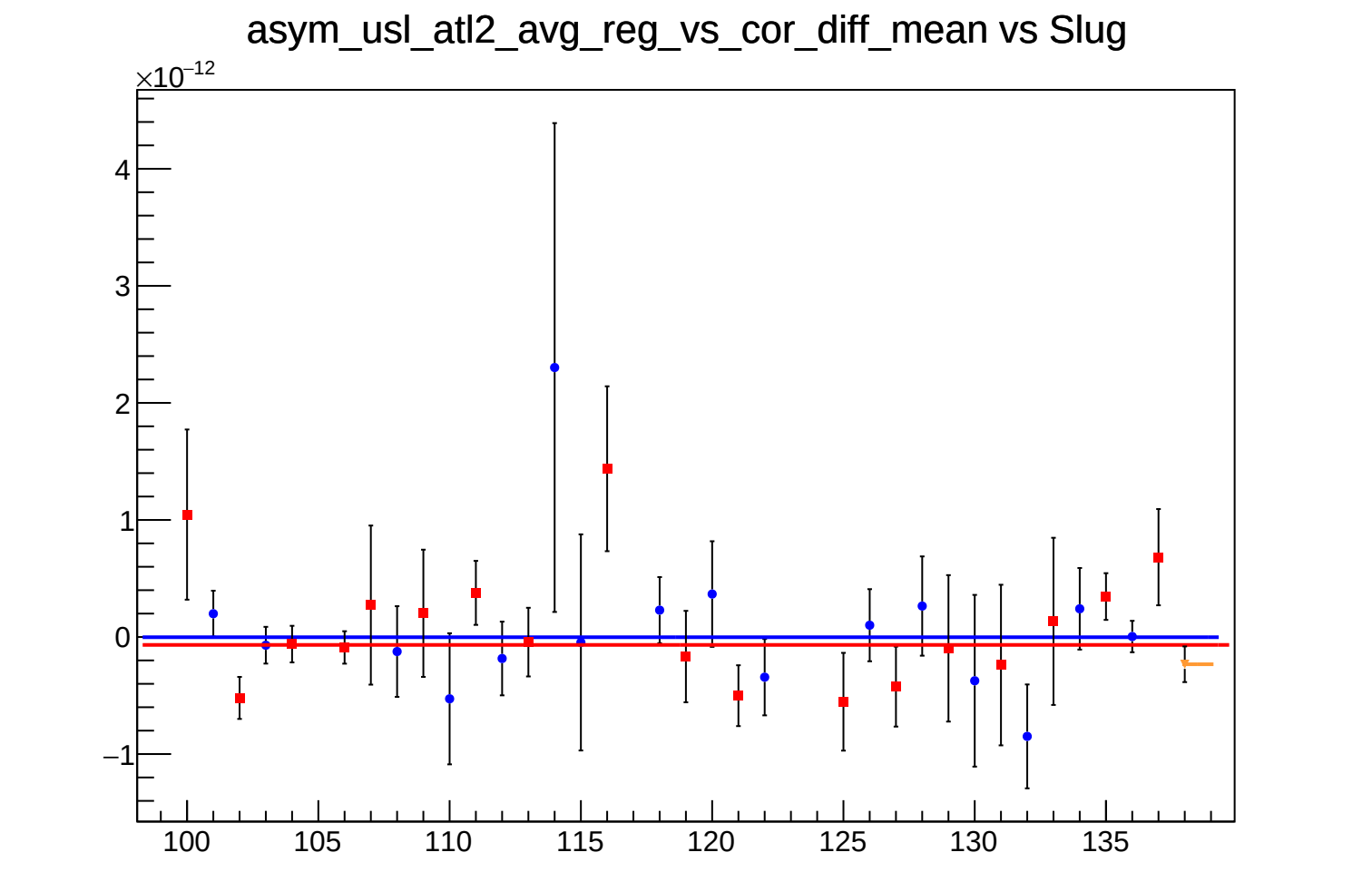
Right Out: 3187.191+/-0.896 χ^2/NDF: 1610818.1/17

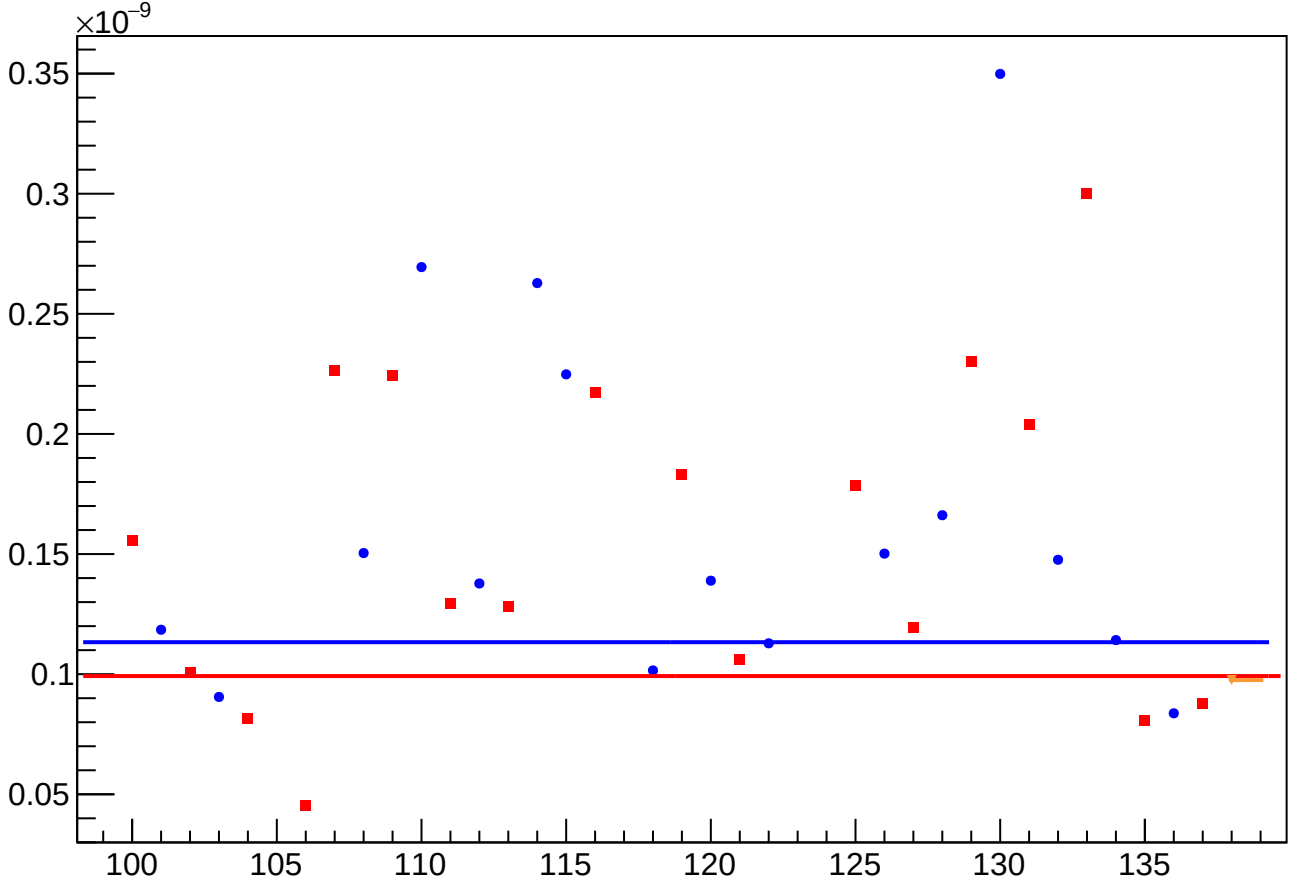
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3799.515+/-0.978 χ^2/NDF: 792772.5/16

All: 3466.609+/-0.660 χ^2/NDF: 2616914.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug
×10⁻¹²
4
3
2
1
0
−1
100
105
110
115
120
125
130
135
Right In: -0.000+/-0.000 χ²/NDF: 11.1/15
Left Out: -0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.000+/-0.000 χ²/NDF: 29.5/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.000+/-0.000 χ²/NDF: 13.0/16
All: -0.000+/-0.000 χ²/NDF: 42.6/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 655766.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1100854.2/17

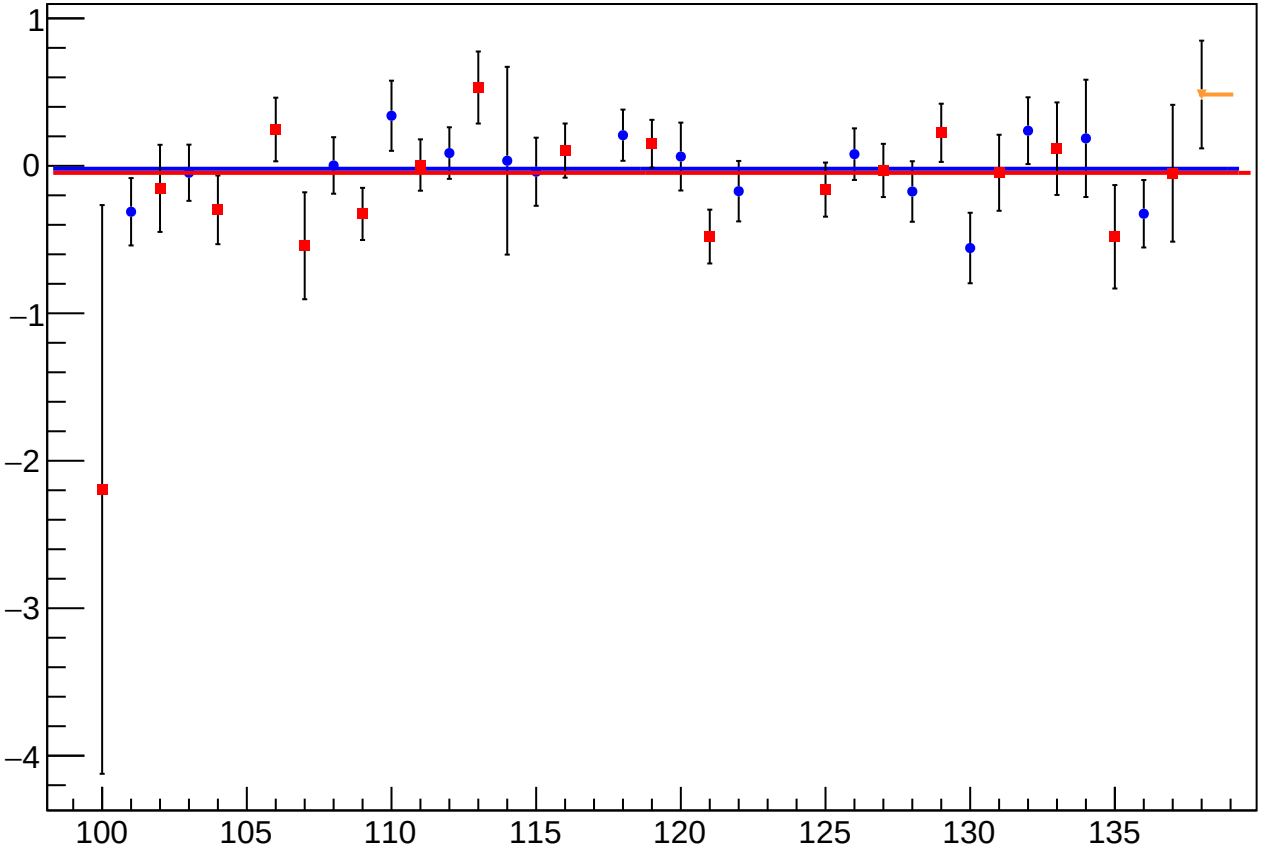
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 673379.7/16

All: 0.000+/-0.000 χ^2/NDF: 1804749.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.020+/-0.054 χ^2/NDF: 16.0/15

Left Out: 0.484+/-0.365 χ^2/NDF:0.0/0

Right Out: -0.048+/-0.052 χ^2/NDF: 26.3/17

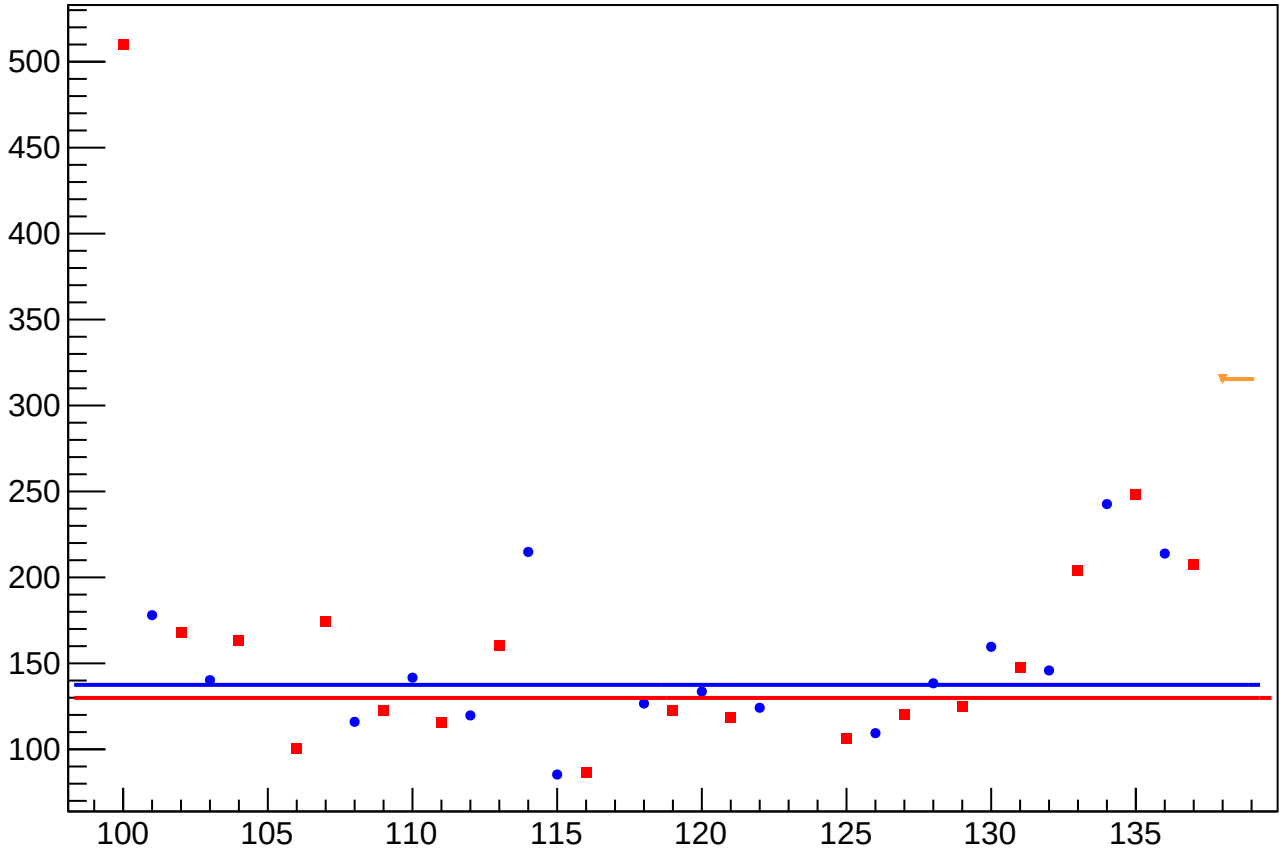
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.009+/-0.054 χ^2/NDF: 17.9/16

All: -0.029+/-0.038 χ^2/NDF: 44.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 137.492+/-0.038 χ^2/NDF: 692947.9/15

Left Out: 315.396+/-0.258 χ^2/NDF:0.0/0

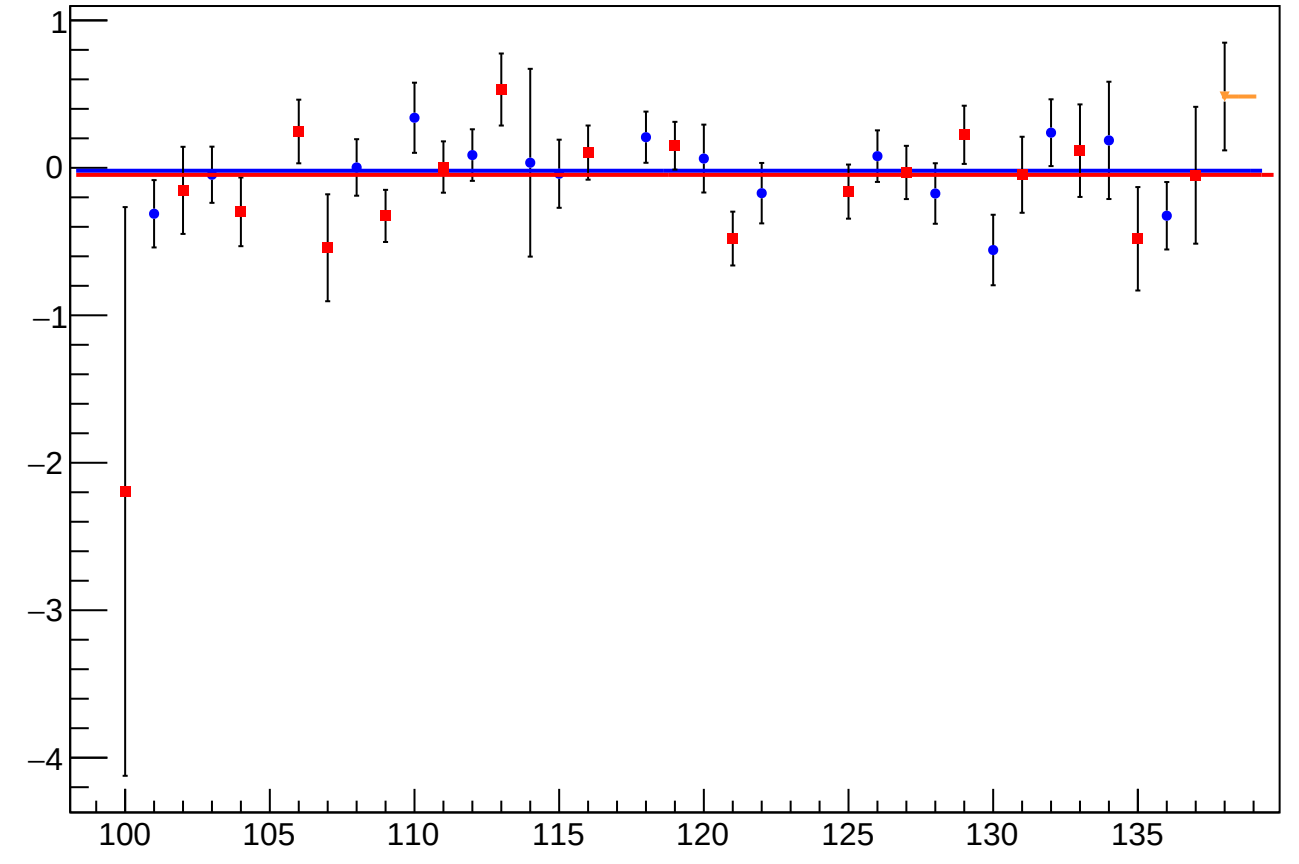
Right Out: 129.887+/-0.037 χ^2/NDF: 833983.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.328+/-0.038 χ^2/NDF: 1157412.9/16

All: 135.486+/-0.027 χ^2/NDF: 2037888.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.020+/-0.054 χ^2/NDF: 16.0/15

Left Out: 0.484+/-0.365 χ^2/NDF:0.0/0

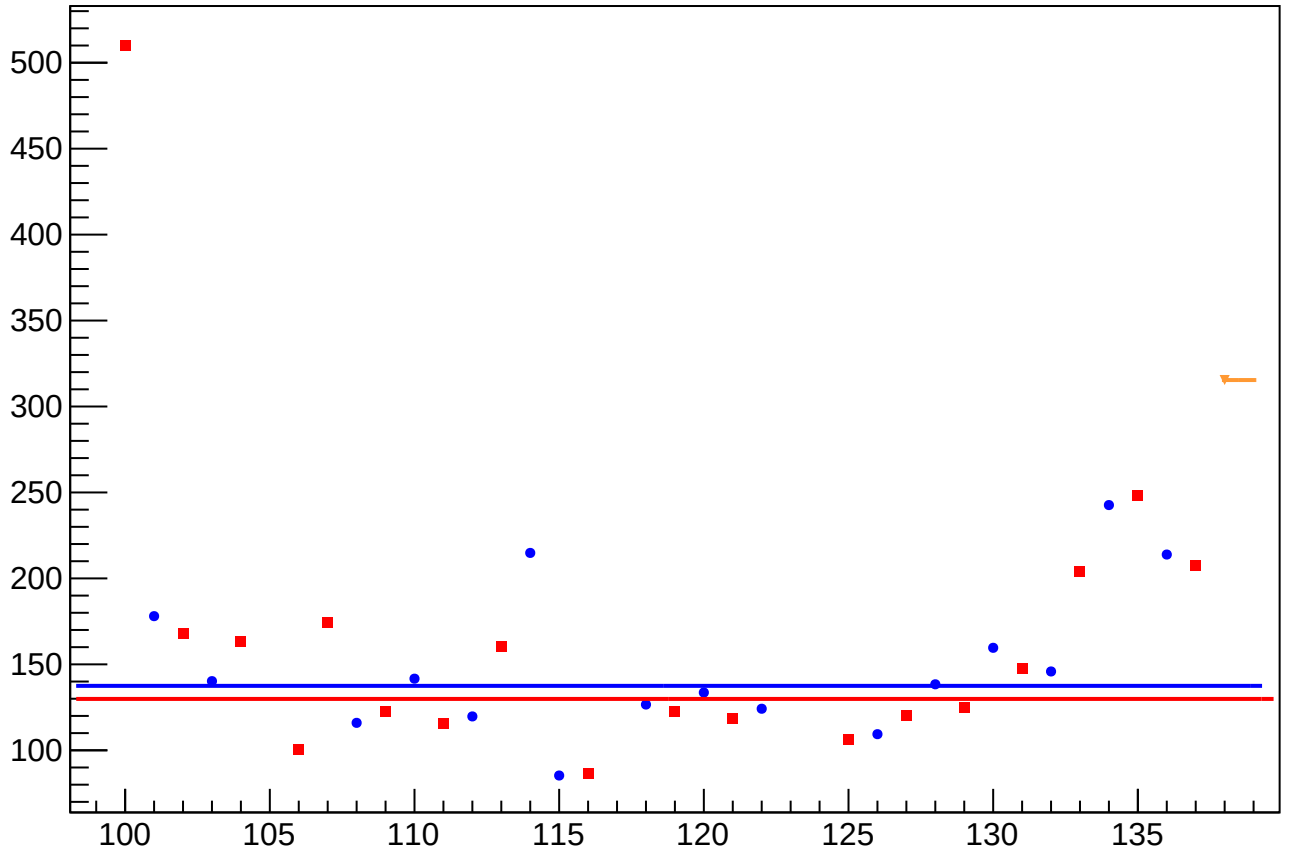
Right Out: -0.048+/-0.052 χ^2/NDF: 26.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.009+/-0.054 χ^2/NDF: 17.9/16

All: -0.029+/-0.038 χ^2/NDF: 44.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 137.492+/-0.038 χ^2/NDF: 692947.9/15

Left Out: 315.396+/-0.258 χ^2/NDF:0.0/0

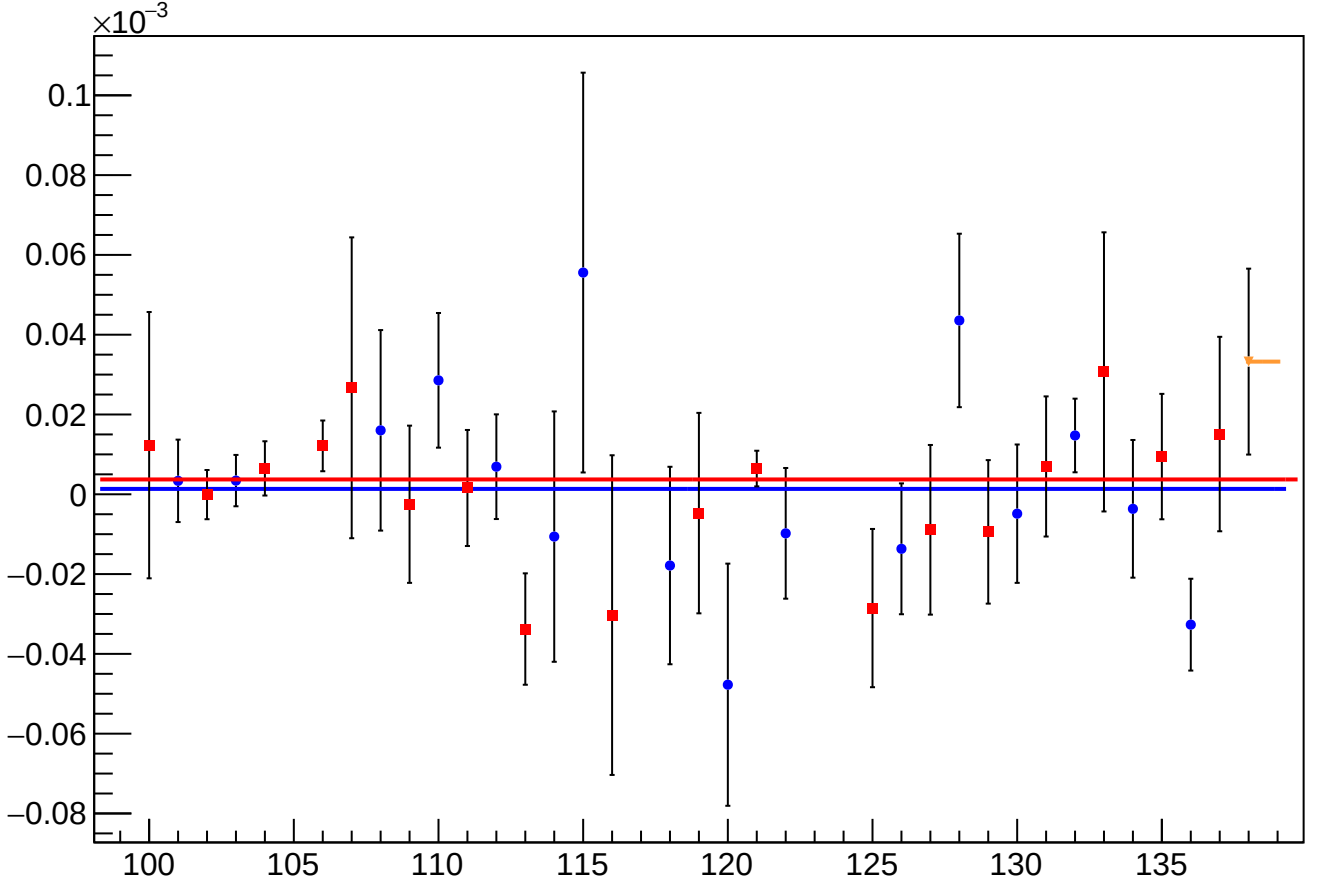
Right Out: 129.887+/-0.037 χ^2/NDF: 833983.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.328+/-0.038 χ^2/NDF: 1157412.9/16

All: 135.486+/-0.027 χ^2/NDF: 2037888.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

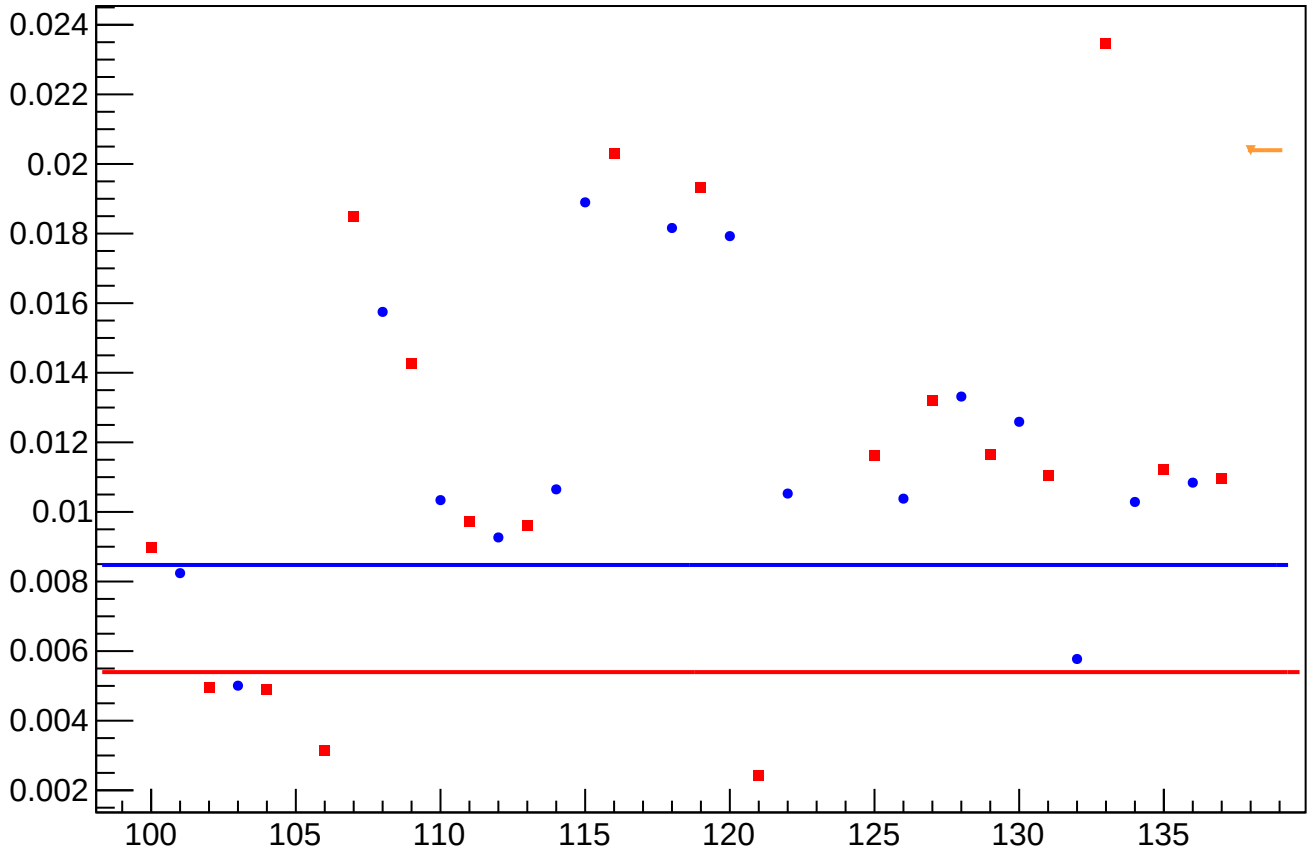
Right Out: 0.000+/-0.000 χ^2/NDF: 15.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 25.8/16

All: 0.000+/-0.000 χ^2/NDF: 41.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.000 χ^2/NDF: 1925998.4/15

Left Out: 0.020+/-0.000 χ^2/NDF:0.0/0

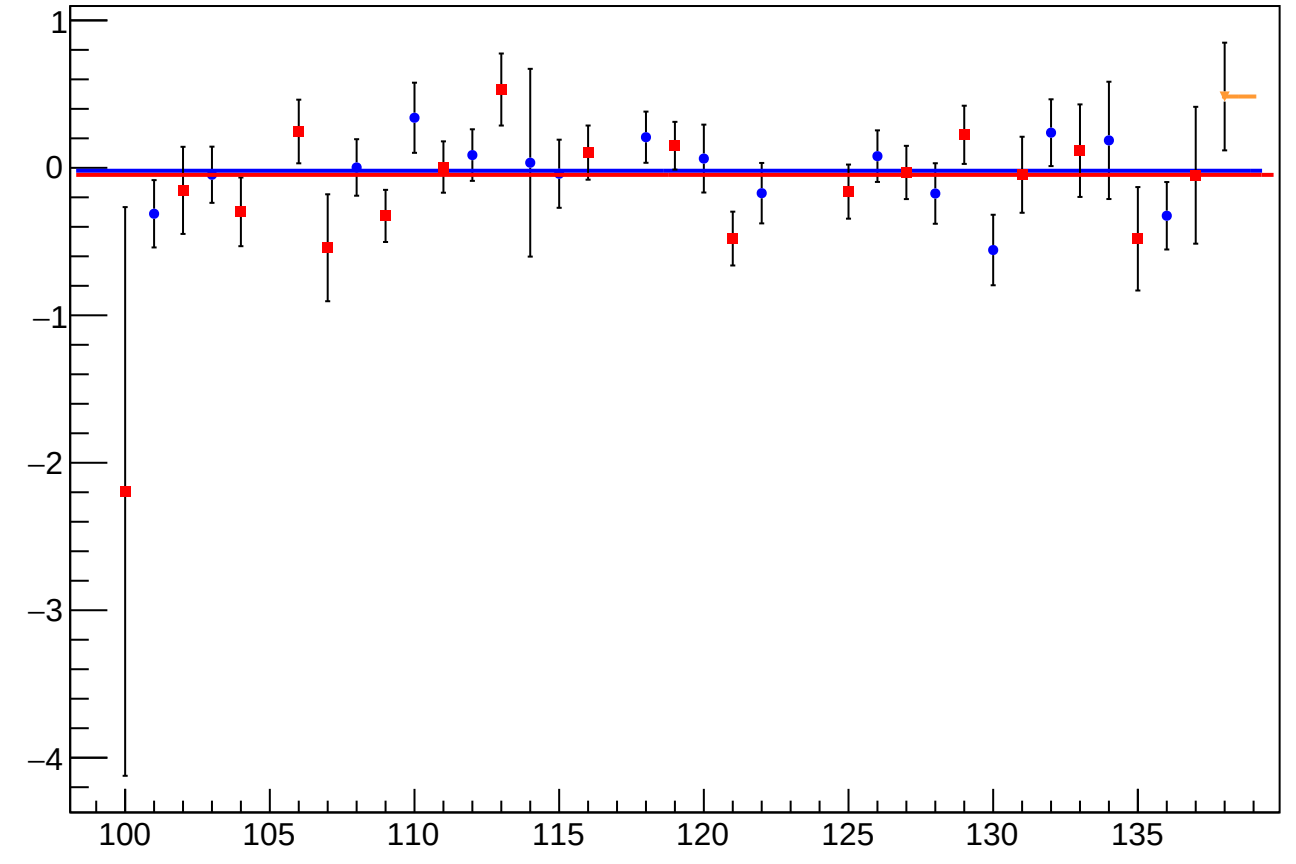
Right Out: 0.005+/-0.000 χ^2/NDF: 4909074.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 2438223.3/16

All: 0.007+/-0.000 χ^2/NDF: 8581379.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.020+/-0.054 χ^2/NDF: 16.0/15

Left Out: 0.484+/-0.365 χ^2/NDF:0.0/0

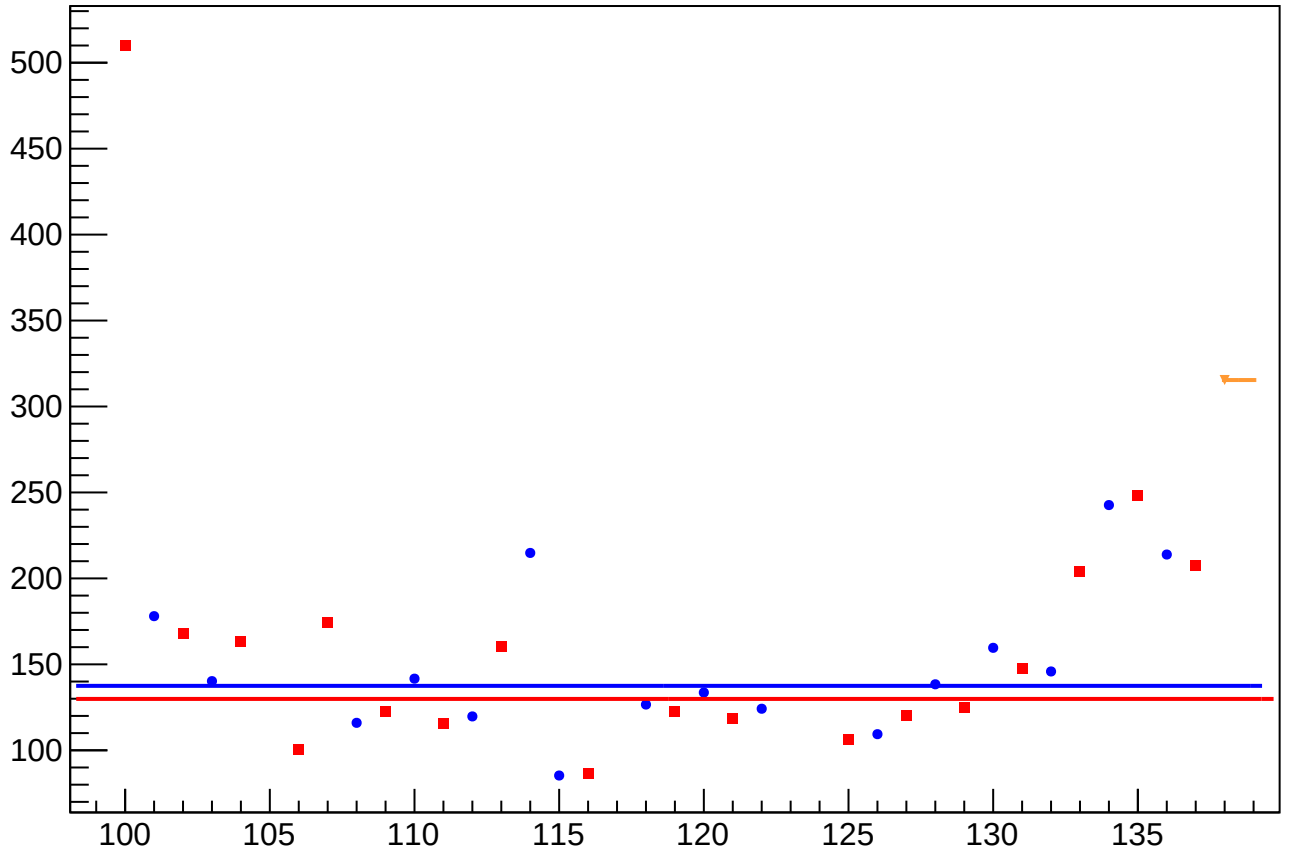
Right Out: -0.048+/-0.052 χ^2/NDF: 26.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.009+/-0.054 χ^2/NDF: 17.9/16

All: -0.029+/-0.038 χ^2/NDF: 44.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 137.492+/-0.038 χ^2/NDF: 692923.1/15

Left Out: 315.398+/-0.258 χ^2/NDF:0.0/0

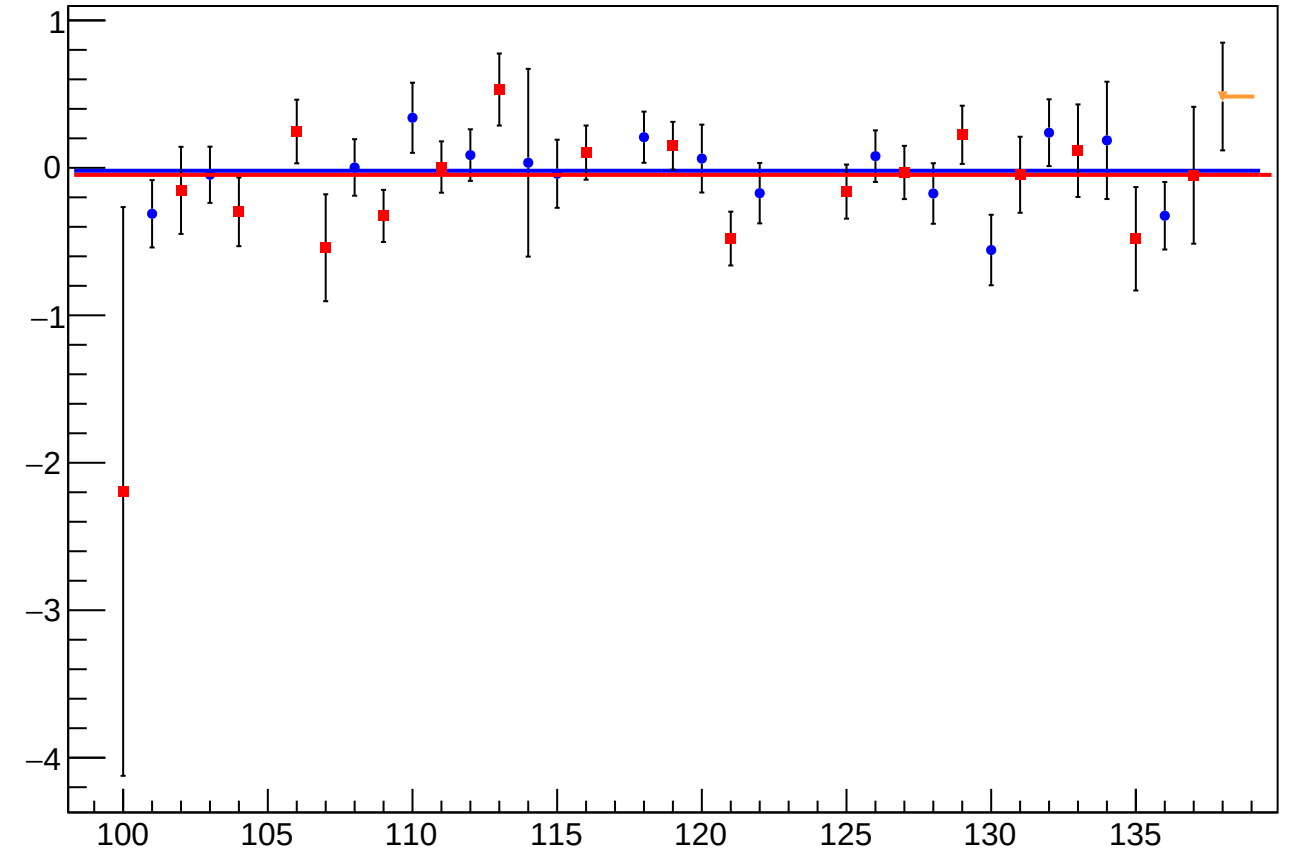
Right Out: 129.887+/-0.037 χ^2/NDF: 833937.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.328+/-0.038 χ^2/NDF: 1157395.6/16

All: 135.486+/-0.027 χ^2/NDF: 2037823.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.020+/-0.054 χ^2/NDF: 16.0/15

Left Out: 0.484+/-0.365 χ^2/NDF:0.0/0

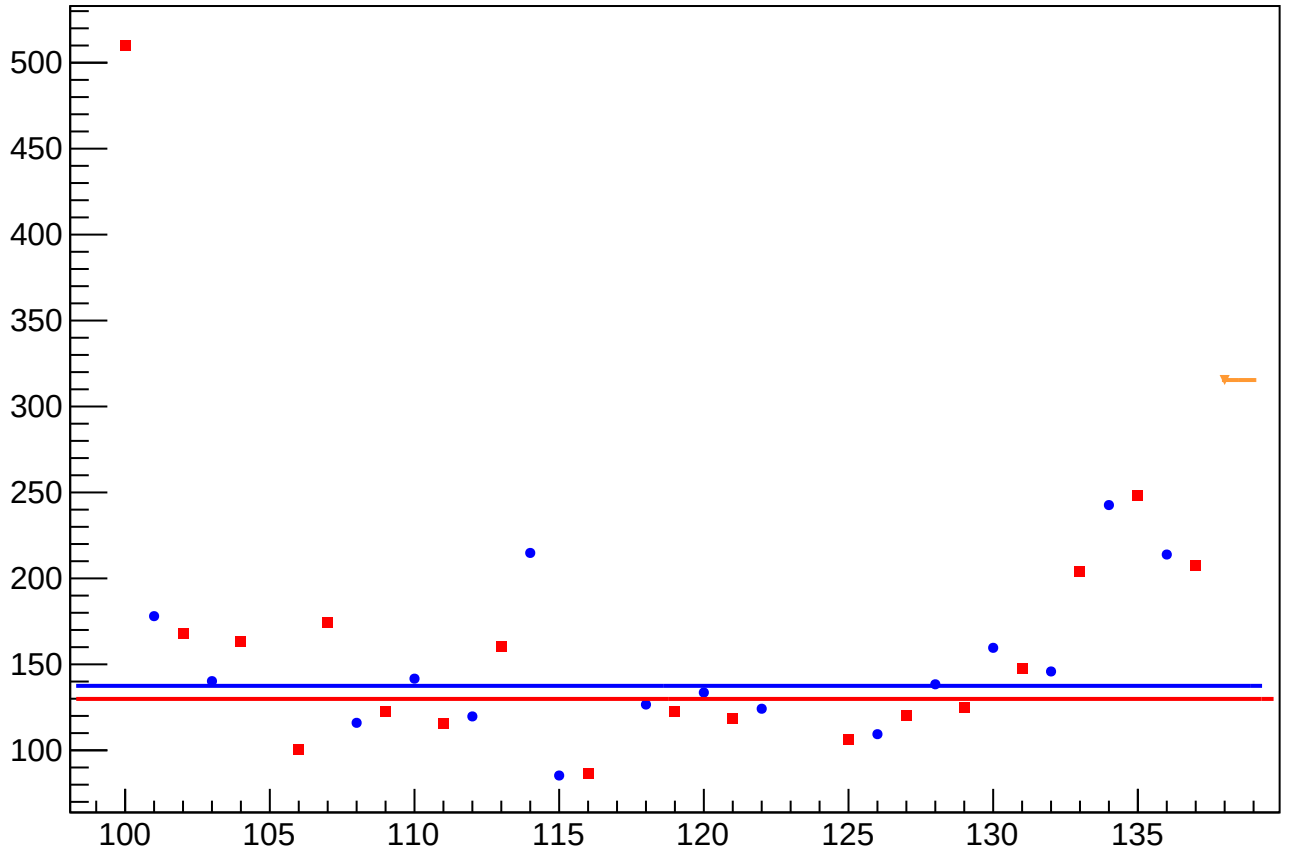
Right Out: -0.048+/-0.052 χ^2/NDF: 26.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.009+/-0.054 χ^2/NDF: 17.9/16

All: -0.029+/-0.038 χ^2/NDF: 44.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 137.492+/-0.038 χ^2/NDF: 692923.1/15

Left Out: 315.398+/-0.258 χ^2/NDF:0.0/0

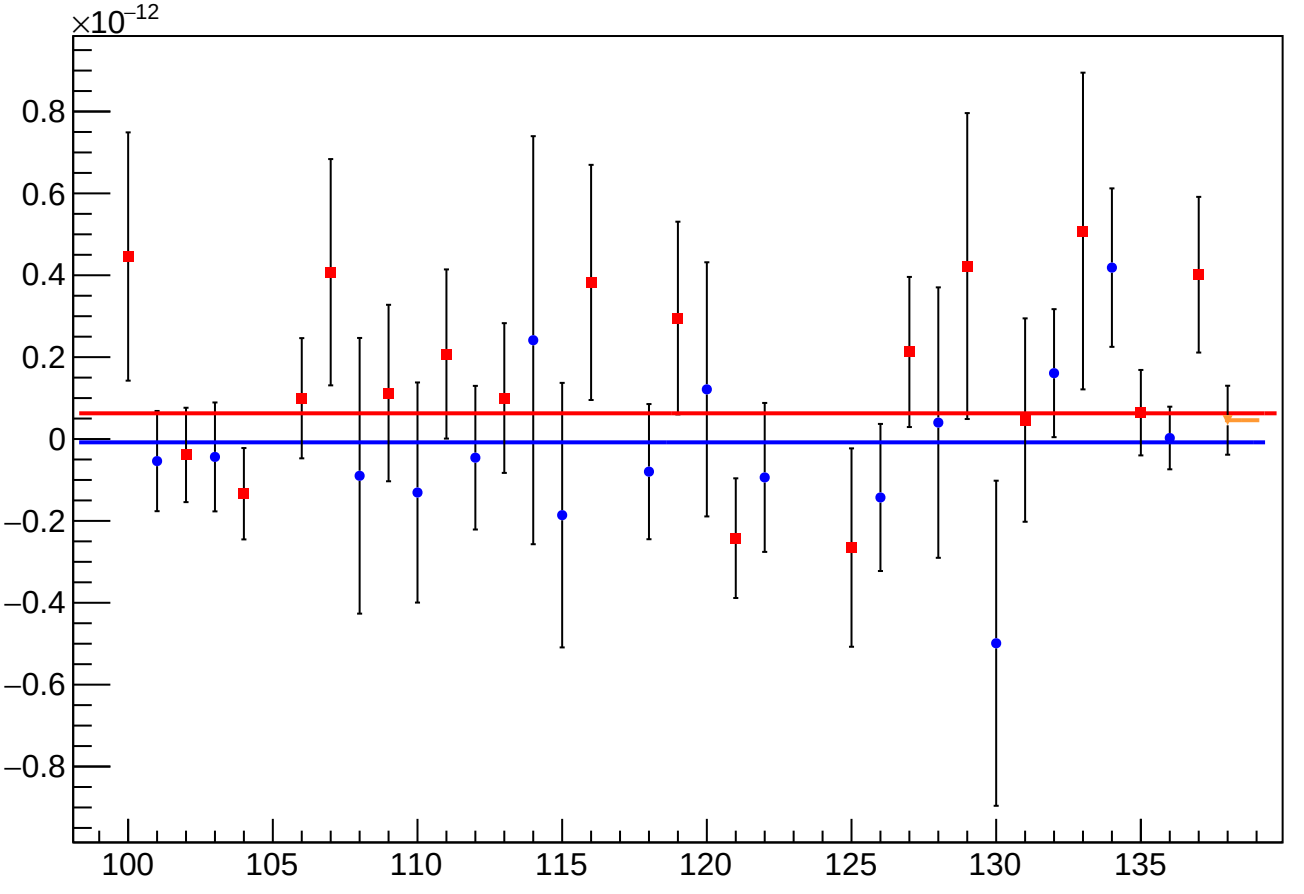
Right Out: 129.887+/-0.037 χ^2/NDF: 833937.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.328+/-0.038 χ^2/NDF: 1157395.6/16

All: 135.486+/-0.027 χ^2/NDF: 2037823.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 9.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

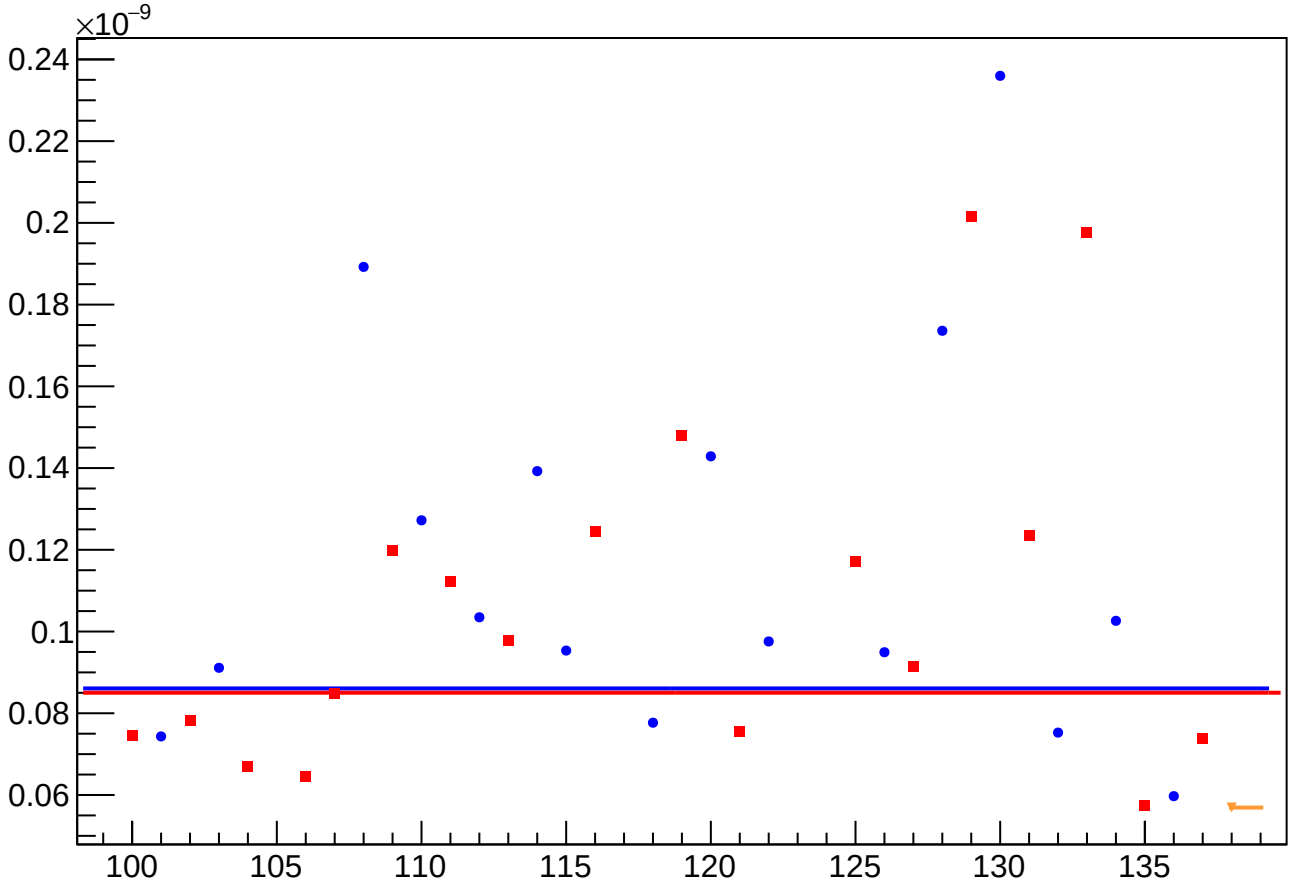
Right Out: 0.000+/-0.000 χ^2/NDF: 22.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 10.2/16

All: 0.000+/-0.000 χ^2/NDF: 33.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1072075.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

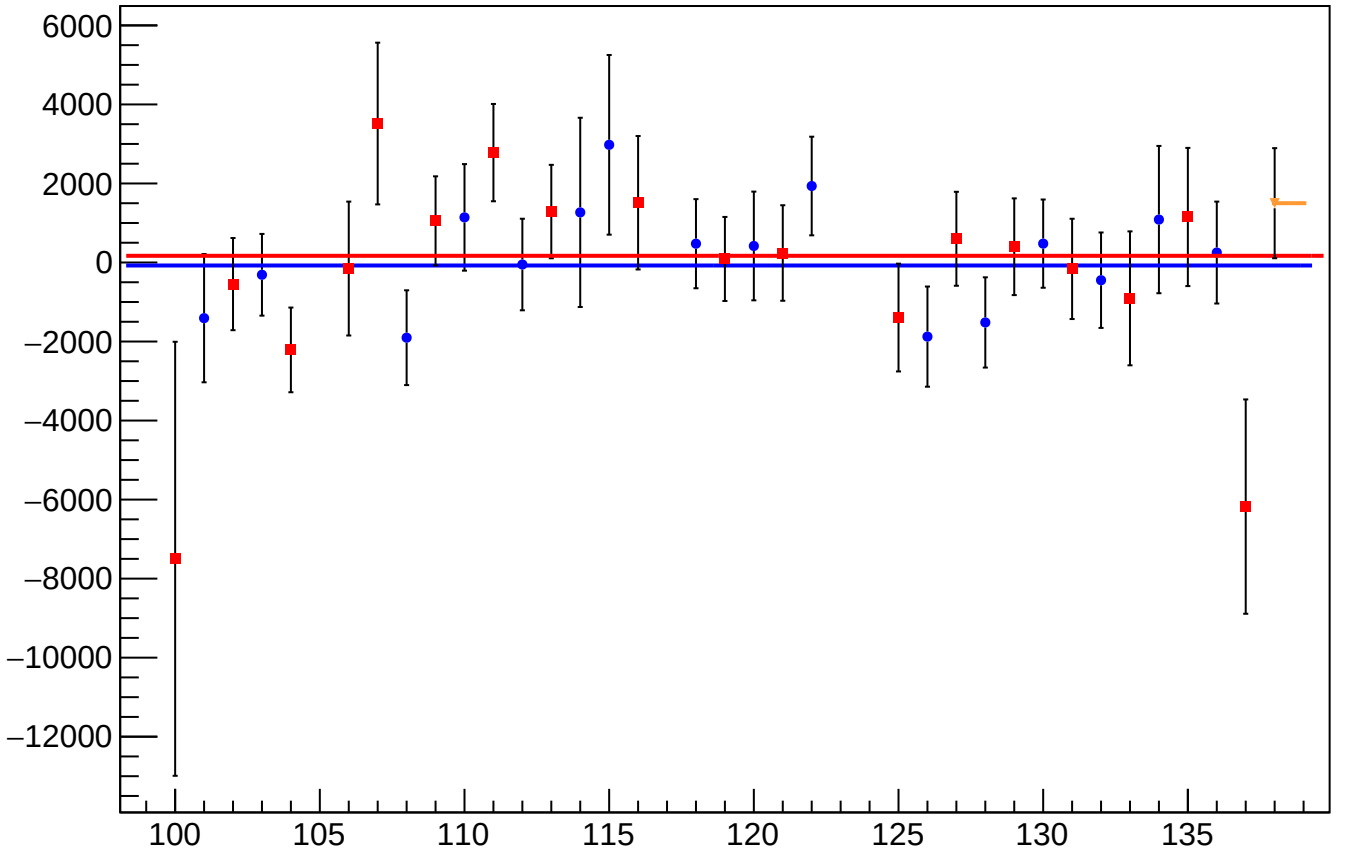
Right Out: 0.000+/-0.000 χ^2/NDF: 983211.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1263001.9/16

All: 0.000+/-0.000 χ^2/NDF: 2261057.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -75.944+/-326.226 χ^2/NDF: 13.4/15

Left Out: 1501.007+/-1392.755 χ^2/NDF:0.0/0

Right Out: 169.345+/-321.827 χ^2/NDF: 24.4/17

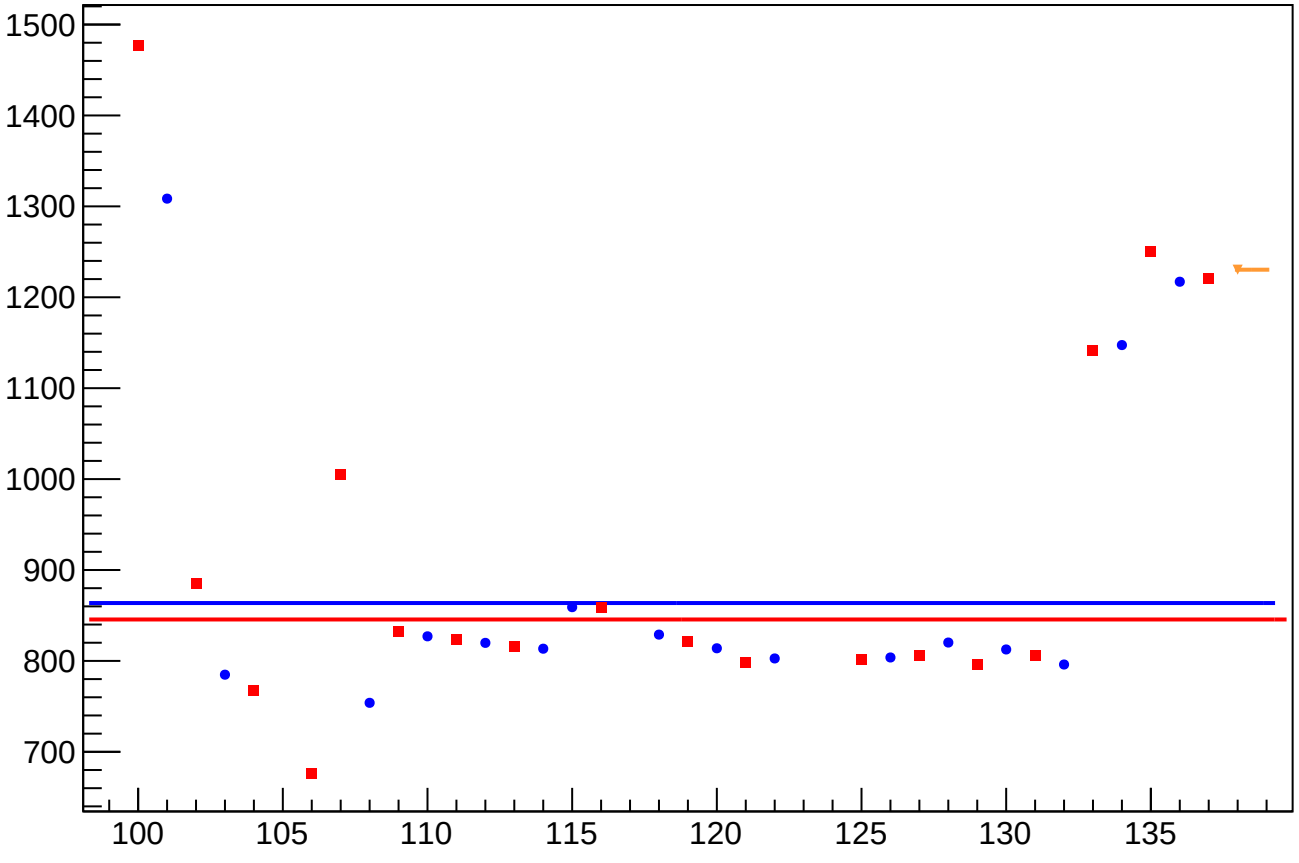
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.074+/-317.629 χ^2/NDF: 14.6/16

All: 86.638+/-226.067 χ^2/NDF: 39.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 863.661+/-0.231 χ^2/NDF: 407498.8/15

Left Out: 1230.335+/-0.985 χ^2/NDF:0.0/0

Right Out: 845.579+/-0.225 χ^2/NDF: 307774.6/17

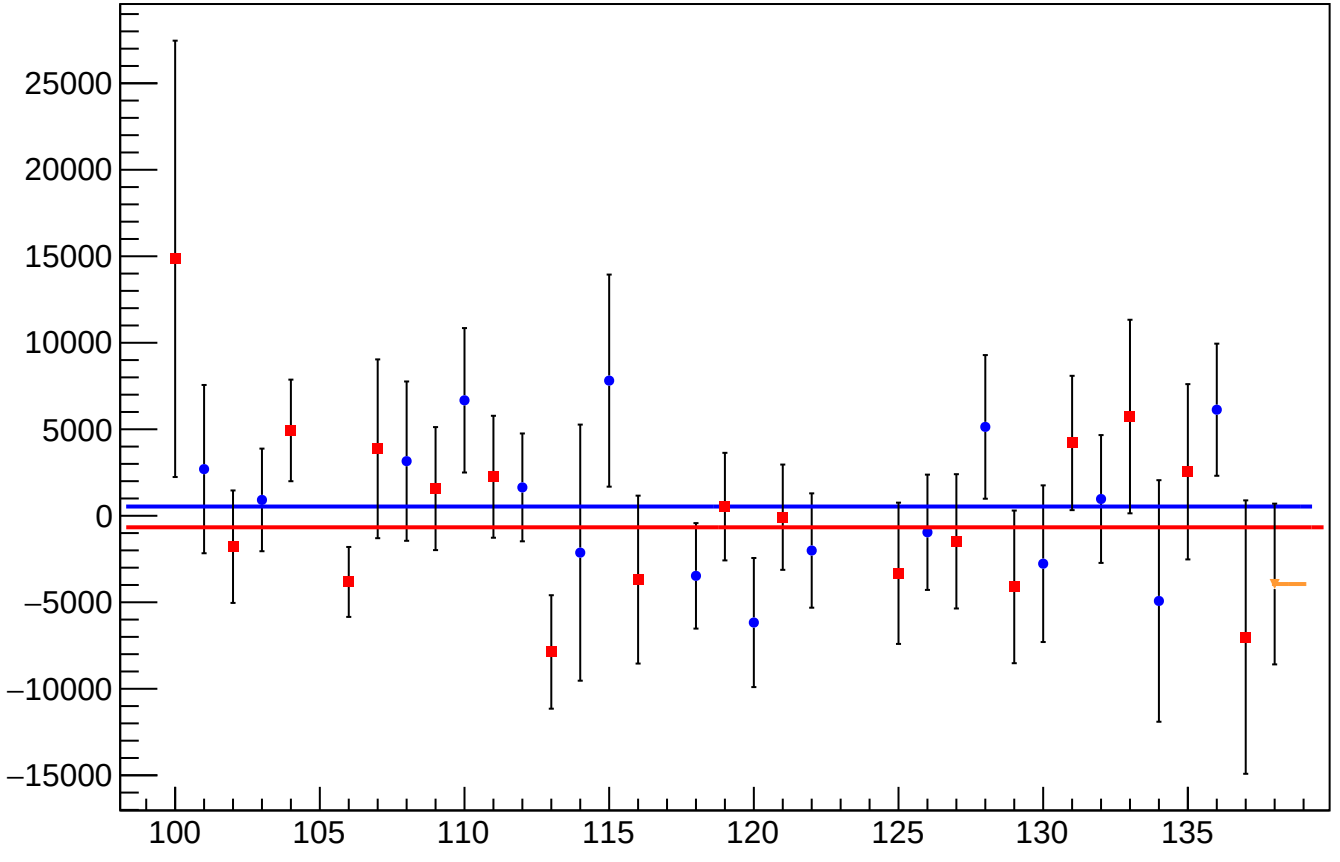
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 882.732+/-0.225 χ^2/NDF: 538913.5/16

All: 864.168+/-0.159 χ^2/NDF: 860361.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 534.507+/-981.290 χ^2/NDF: 14.7/15

Left Out: -3945.026+/-4645.597 χ^2/NDF:0.0/0

Right Out: -665.878+/-864.970 χ^2/NDF: 20.0/17

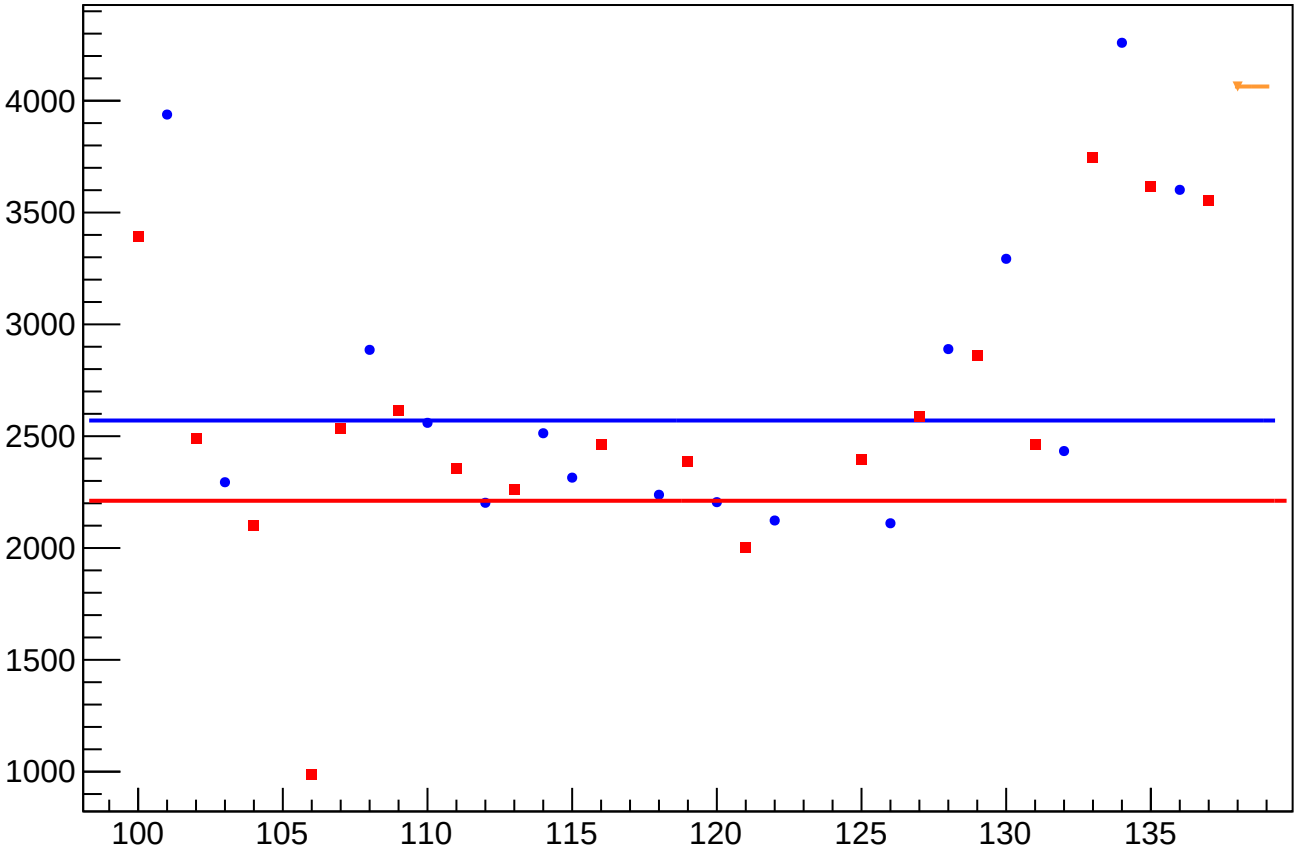
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 343.175+/-960.105 χ^2/NDF: 15.5/16

All: -213.808+/-642.636 χ^2/NDF: 36.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2570.135+/-0.694 χ^2/NDF: 662477.9/15

Left Out: 4063.587+/-3.285 χ^2/NDF:0.0/0

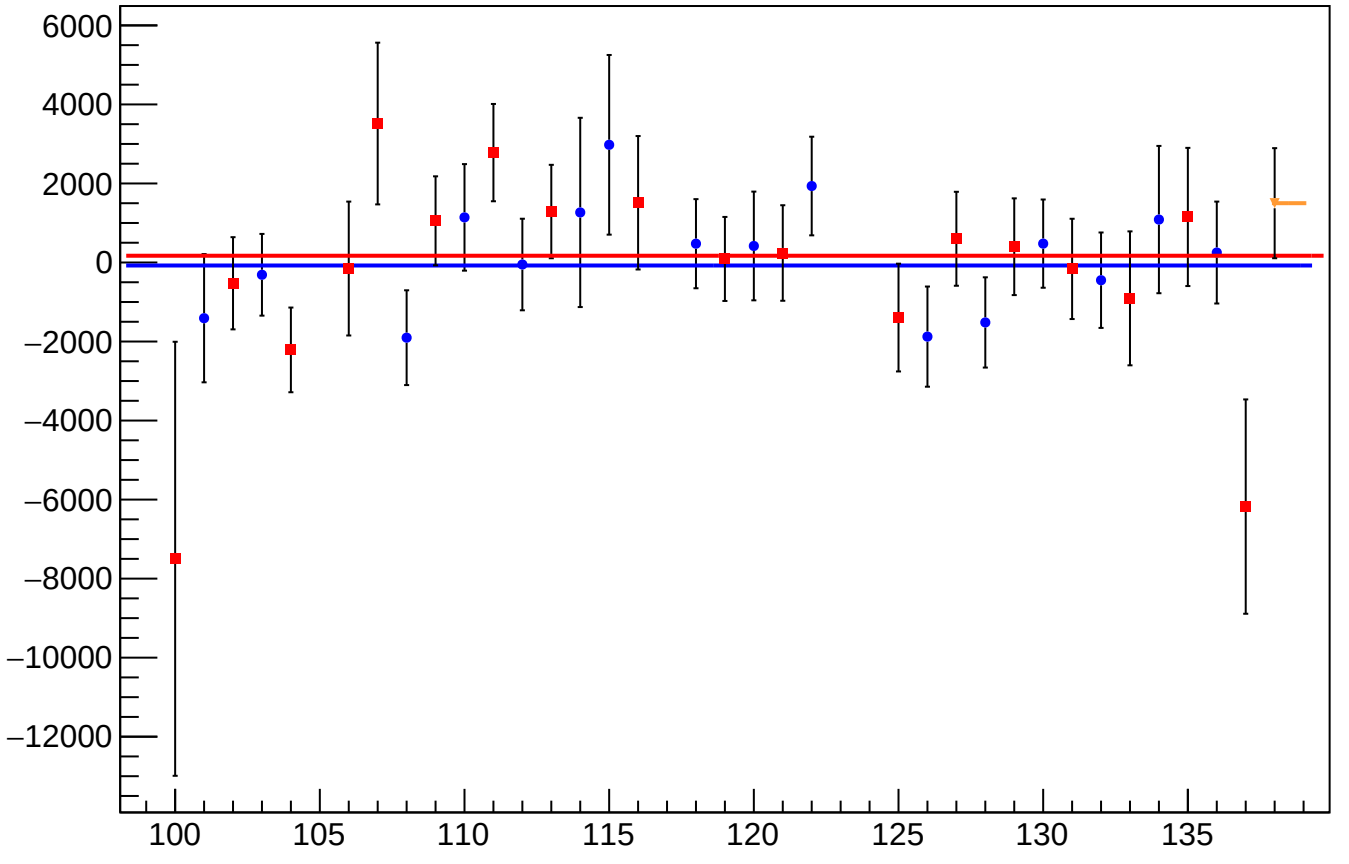
Right Out: 2211.269+/-0.612 χ^2/NDF: 1264087.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2633.924+/-0.679 χ^2/NDF: 860344.2/16

All: 2400.625+/-0.454 χ^2/NDF: 2338371.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -76.022+/-326.226 χ^2/NDF: 13.3/15

Left Out: 1500.873+/-1392.755 χ^2/NDF:0.0/0

Right Out: 170.982+/-321.832 χ^2/NDF: 24.4/17

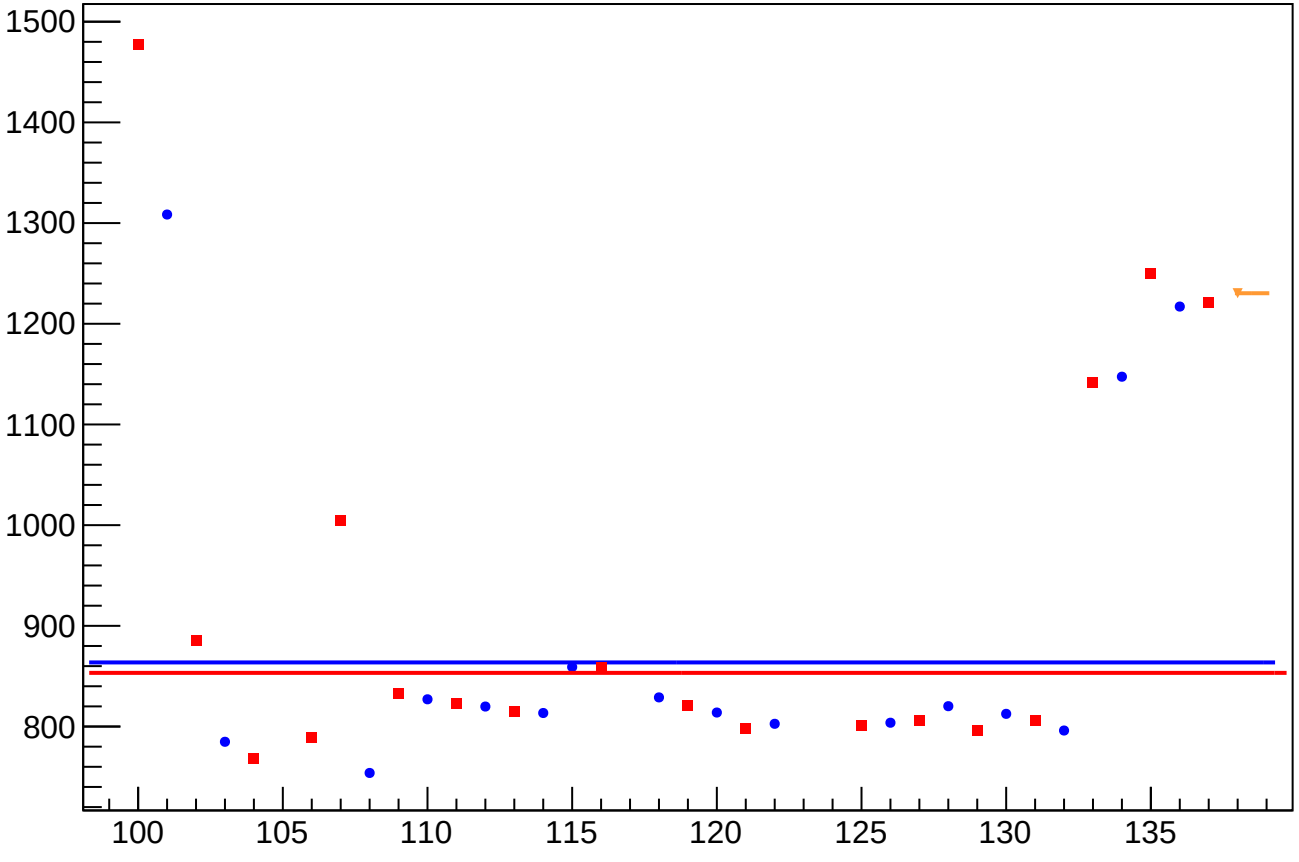
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.993+/-317.629 χ^2/NDF: 14.6/16

All: 87.403+/-226.069 χ^2/NDF: 39.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 863.661+/-0.231 χ^2/NDF: 407498.5/15

Left Out: 1230.335+/-0.985 χ^2/NDF:0.0/0

Right Out: 853.289+/-0.226 χ^2/NDF: 275357.1/17

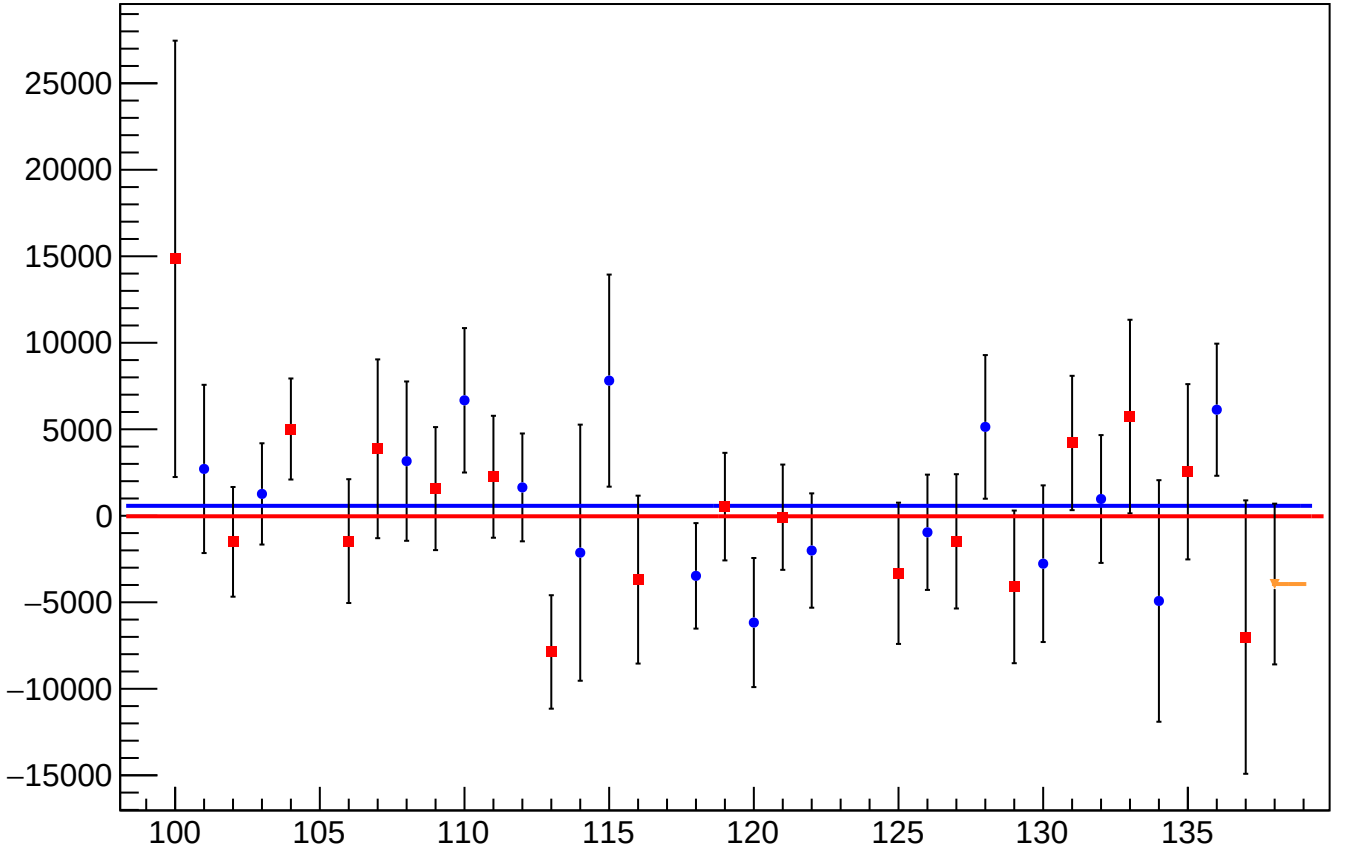
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 882.732+/-0.225 χ^2/NDF: 538913.2/16

All: 868.128+/-0.159 χ^2/NDF: 822794.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 574.964+/-979.856 χ^2/NDF: 14.7/15

Left Out: -3945.156+/-4645.595 χ^2/NDF:0.0/0

Right Out: -28.604+/-922.115 χ^2/NDF: 17.2/17

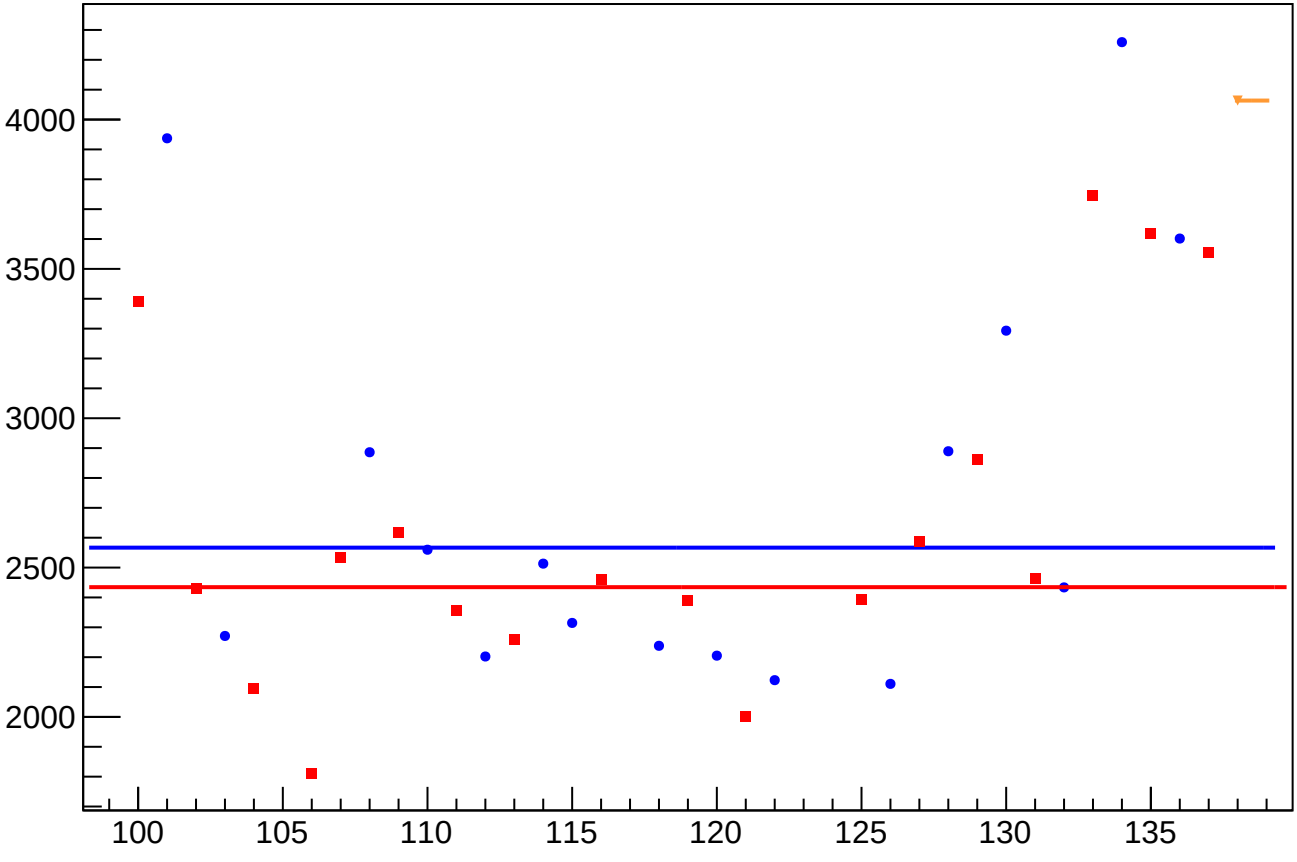
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 382.438+/-958.762 χ^2/NDF: 15.6/16

All: 168.912+/-664.612 χ^2/NDF: 32.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2566.732+/-0.693 χ^2/NDF: 665871.6/15

Left Out: 4063.585+/-3.285 χ^2/NDF:0.0/0

Right Out: 2434.430+/-0.652 χ^2/NDF: 434078.9/17

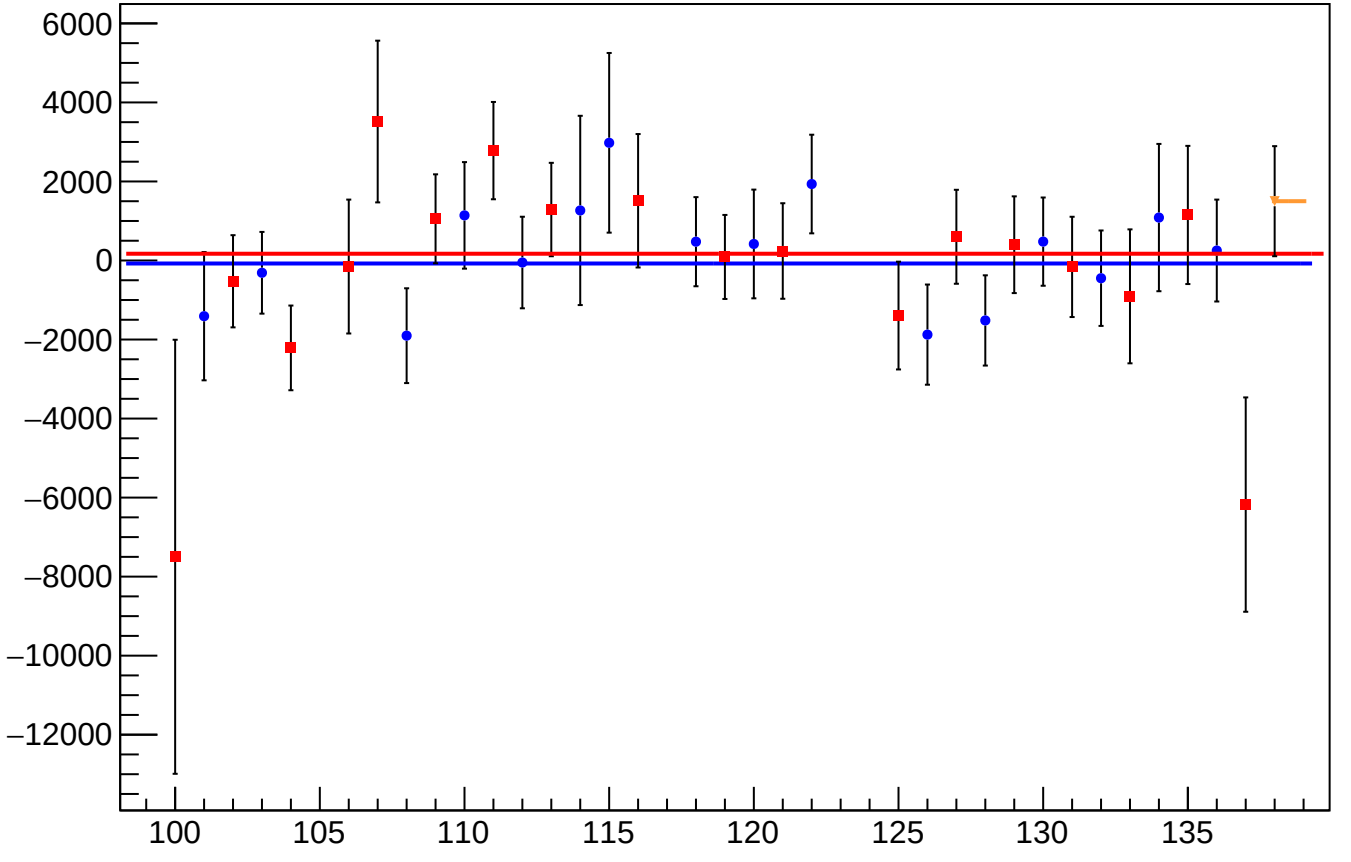
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2630.488+/-0.678 χ^2/NDF: 864664.9/16

All: 2528.640+/-0.470 χ^2/NDF: 1342189.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -76.022+/-326.226 χ^2/NDF: 13.3/15

Left Out: 1500.873+/-1392.755 χ^2/NDF:0.0/0

Right Out: 170.982+/-321.832 χ^2/NDF: 24.4/17

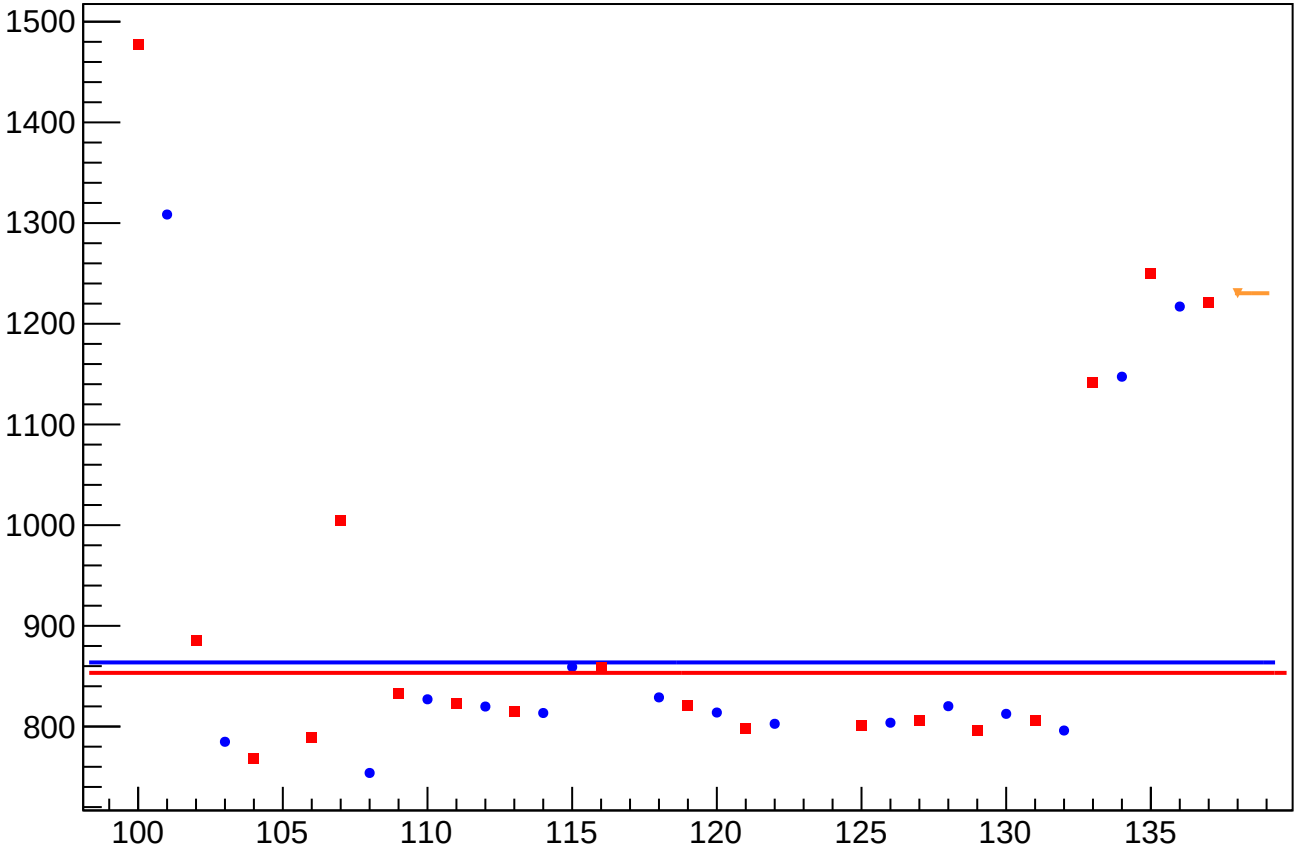
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.993+/-317.629 χ^2/NDF: 14.6/16

All: 87.403+/-226.069 χ^2/NDF: 39.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 863.661+/-0.231 χ^2/NDF: 407498.5/15

Left Out: 1230.335+/-0.985 χ^2/NDF:0.0/0

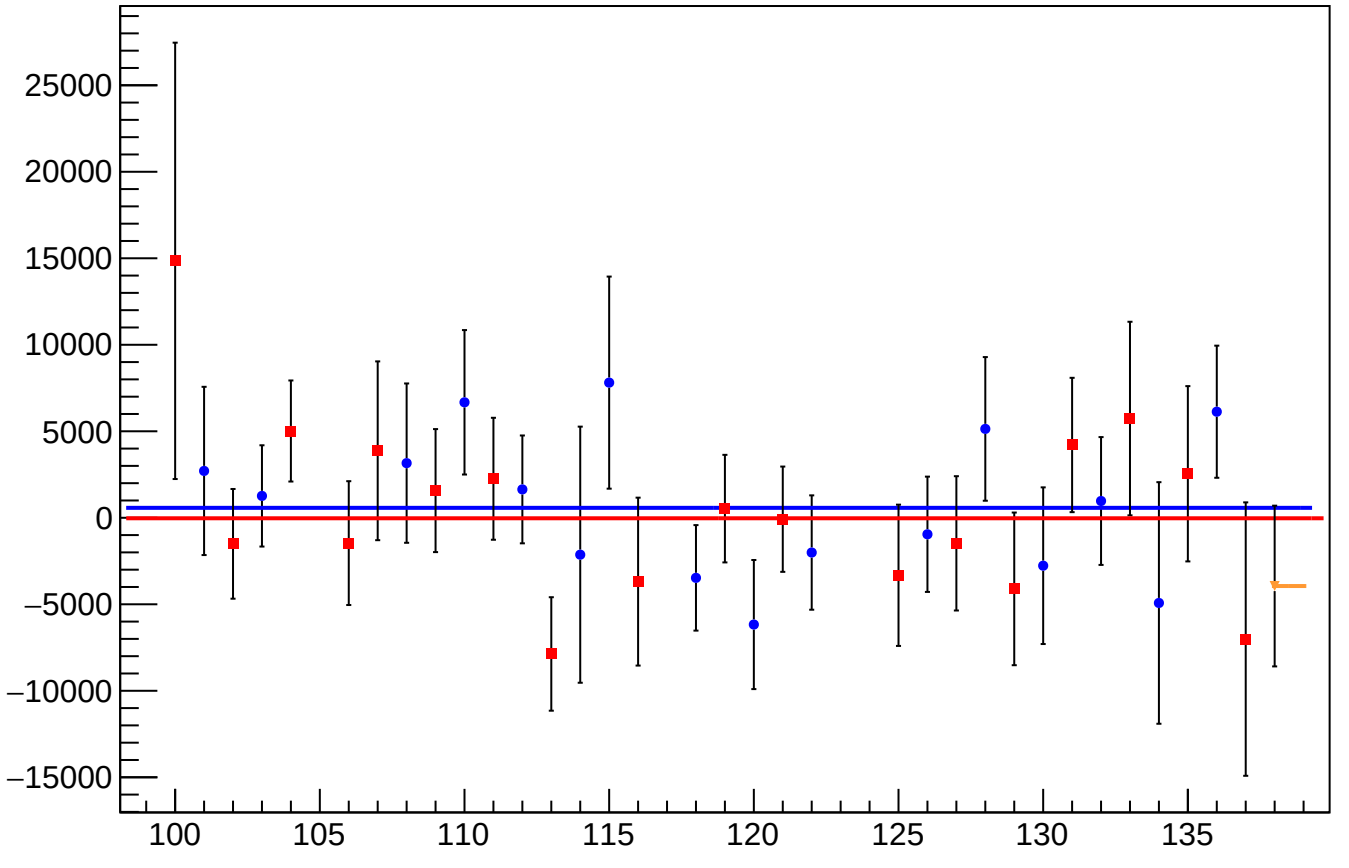
Right Out: 853.289+/-0.226 χ^2/NDF: 275357.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 882.732+/-0.225 χ^2/NDF: 538913.2/16

All: 868.128+/-0.159 χ^2/NDF: 822794.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 574.964+/-979.856 χ^2/NDF: 14.7/15

Left Out: -3945.156+/-4645.595 χ^2/NDF:0.0/0

Right Out: -28.604+/-922.115 χ^2/NDF: 17.2/17

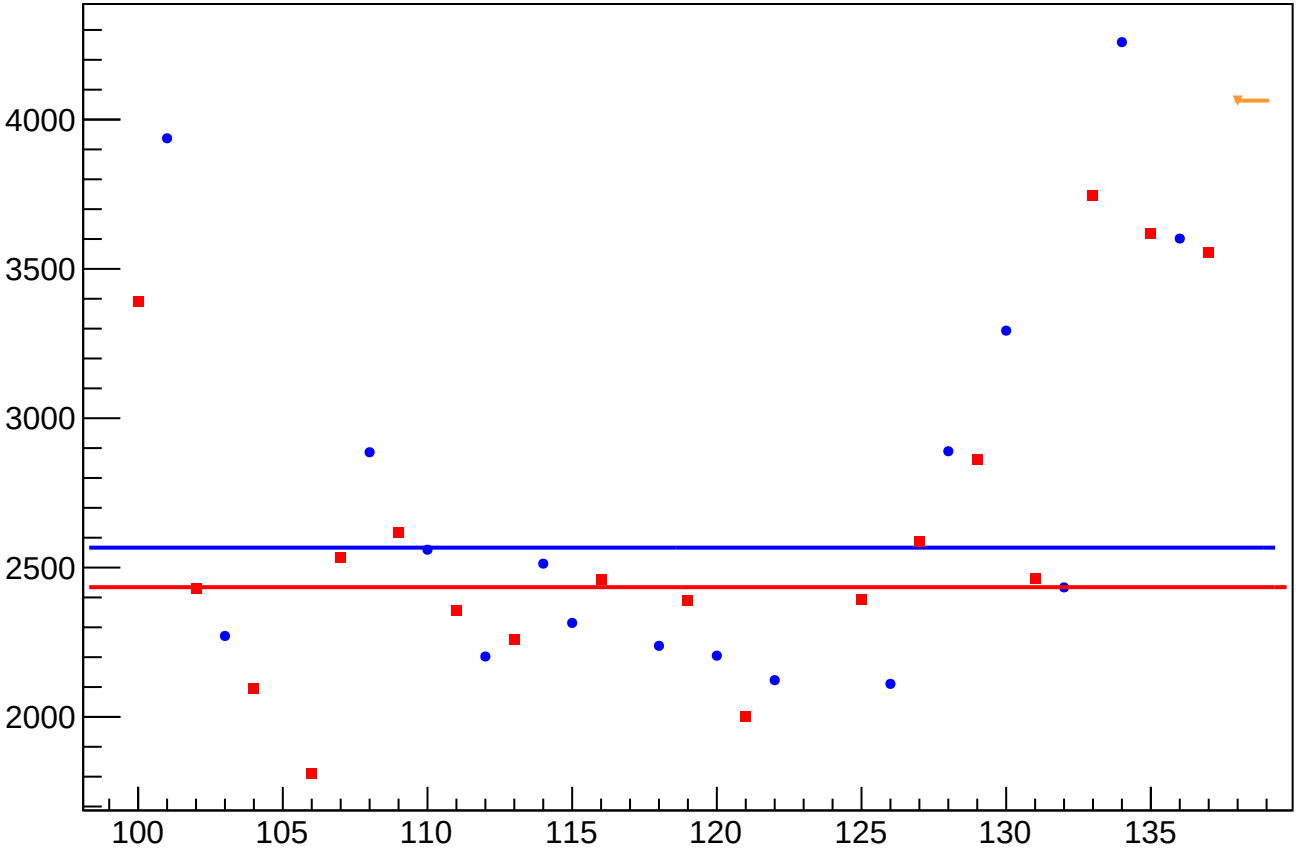
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 382.438+/-958.762 χ^2/NDF: 15.6/16

All: 168.912+/-664.612 χ^2/NDF: 32.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2566.732+/-0.693 χ^2/NDF: 665871.6/15

Left Out: 4063.585+/-3.285 χ^2/NDF:0.0/0

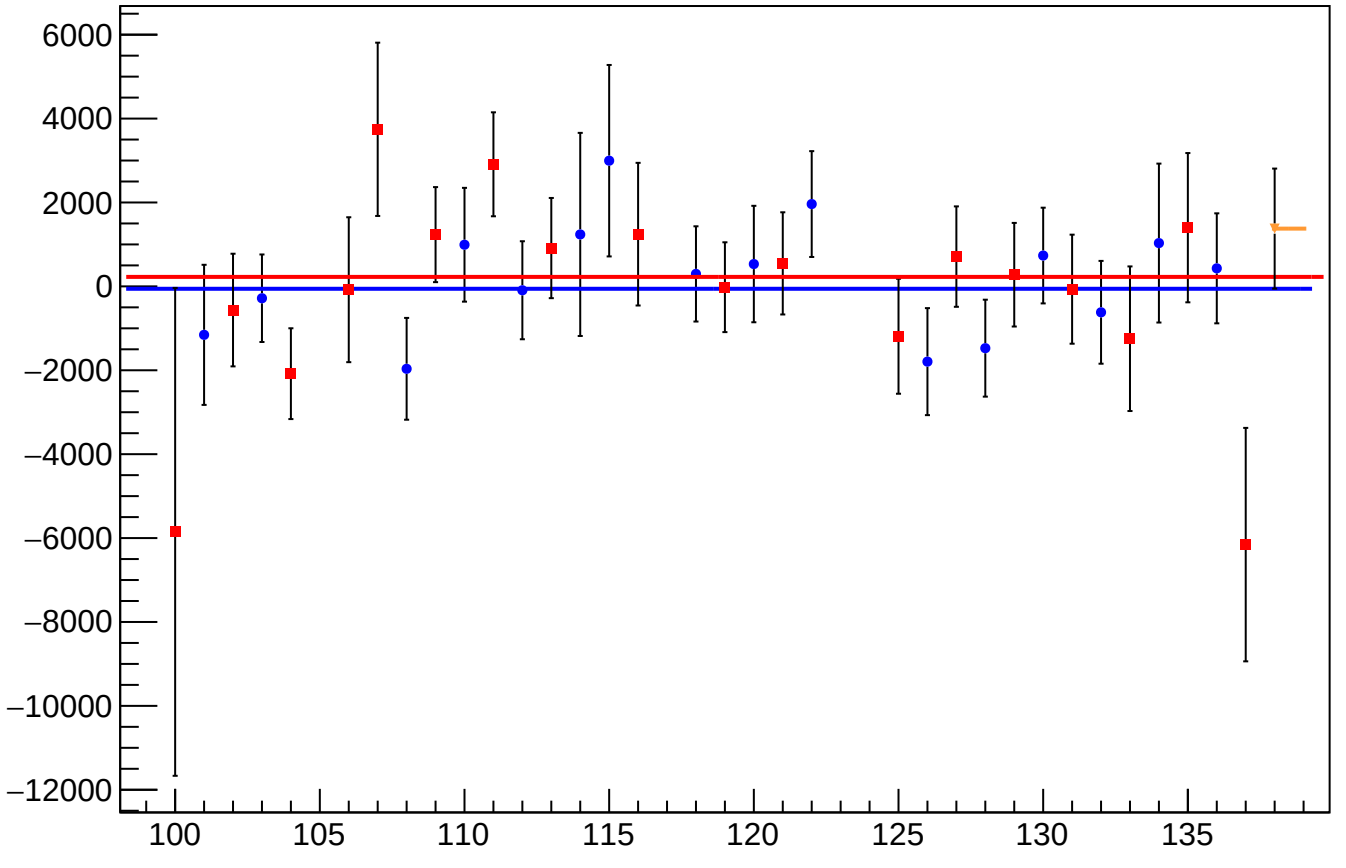
Right Out: 2434.430+/-0.652 χ^2/NDF: 434078.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2630.488+/-0.678 χ^2/NDF: 864664.9/16

All: 2528.640+/-0.470 χ^2/NDF: 1342189.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -57.208+/-330.088 χ^2/NDF: 13.0/15

Left Out: 1376.770+/-1431.247 χ^2/NDF:0.0/0

Right Out: 226.075+/-328.069 χ^2/NDF: 22.9/17

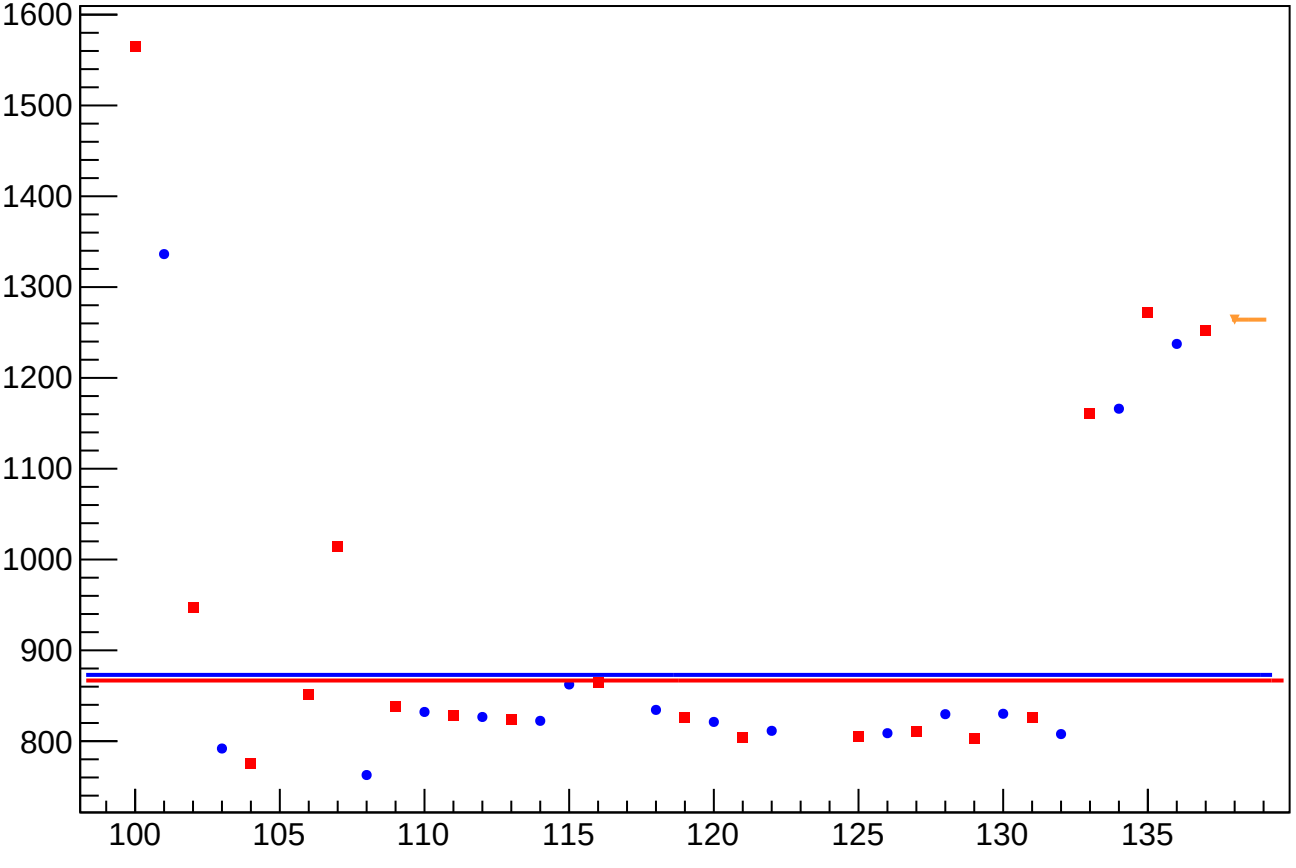
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15.213+/-321.645 χ^2/NDF: 13.9/16

All: 118.559+/-229.675 χ^2/NDF: 37.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 872.971+/-0.233 χ^2/NDF: 417099.2/15

Left Out: 1264.156+/-1.012 χ^2/NDF:0.0/0

Right Out: 866.772+/-0.232 χ^2/NDF: 290386.4/17

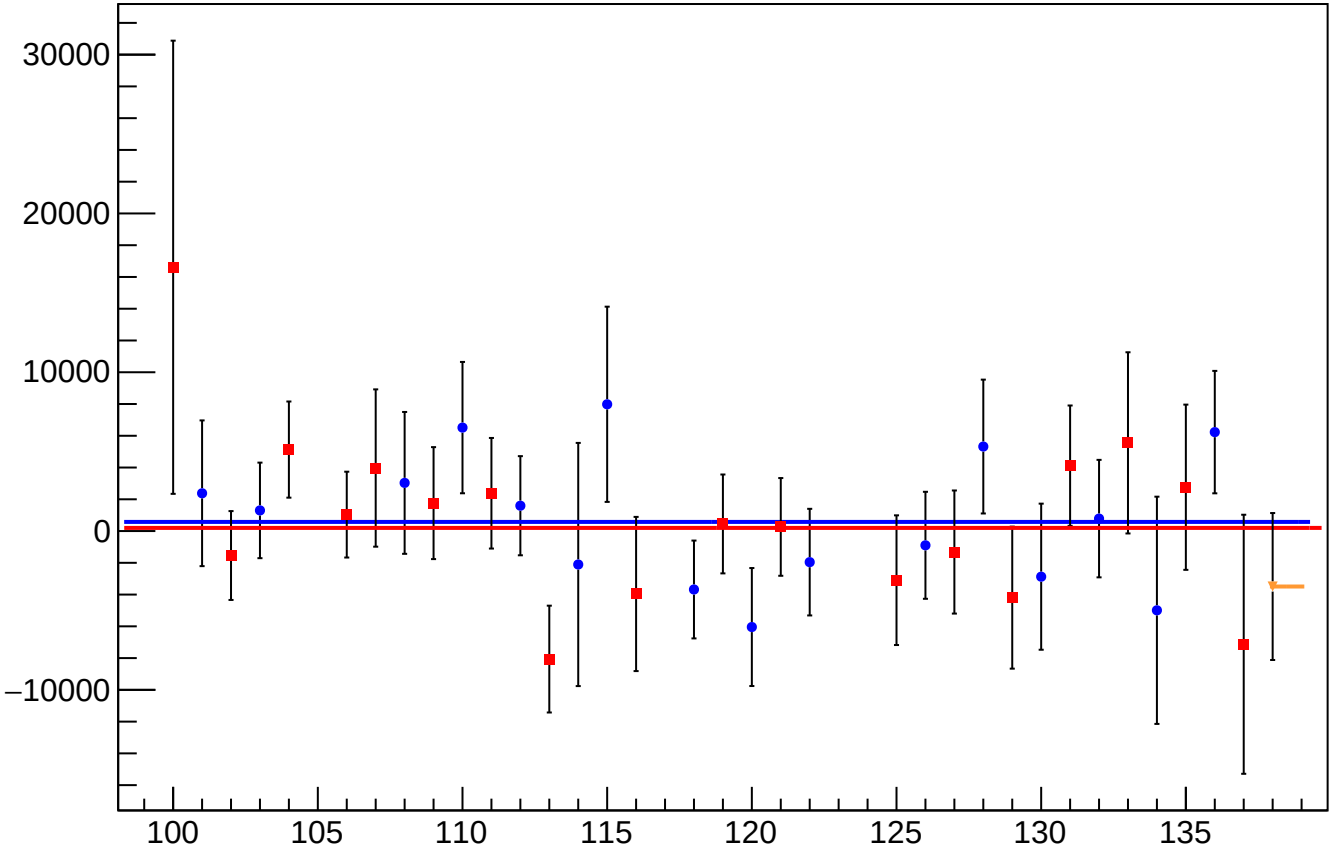
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 892.728+/-0.227 χ^2/NDF: 558958.0/16

All: 879.994+/-0.162 χ^2/NDF: 855734.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 575.271+/-984.888 χ^2/NDF: 14.7/15

Left Out: -3492.598+/-4626.851 χ^2/NDF:0.0/0

Right Out: 197.953+/-894.121 χ^2/NDF: 17.2/17

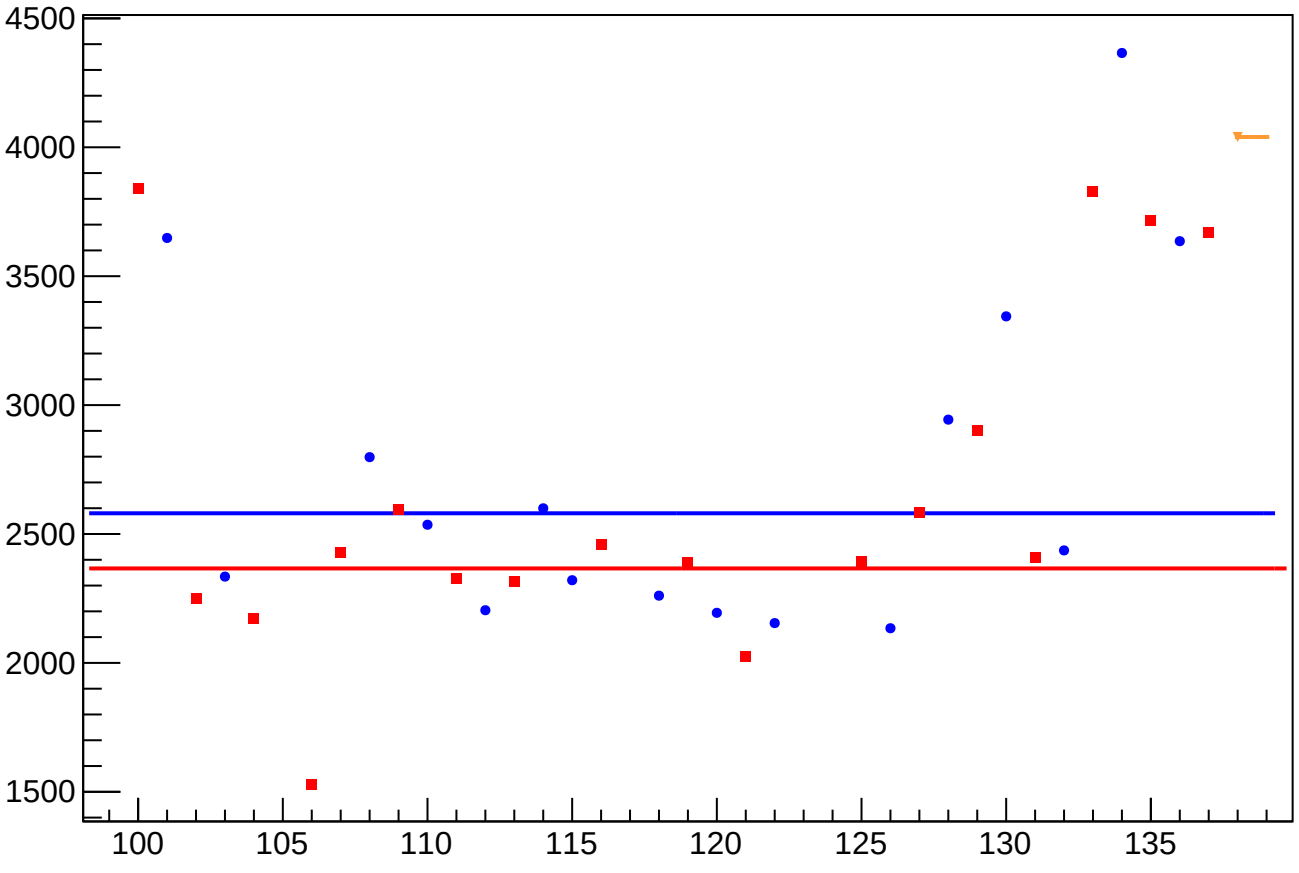
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 398.942+/-963.306 χ^2/NDF: 15.4/16

All: 290.972+/-655.334 χ^2/NDF: 32.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2580.377+/-0.696 χ^2/NDF: 617156.1/15

Left Out: 4039.899+/-3.272 χ^2/NDF:0.0/0

Right Out: 2366.412+/-0.632 χ^2/NDF: 611695.1/17

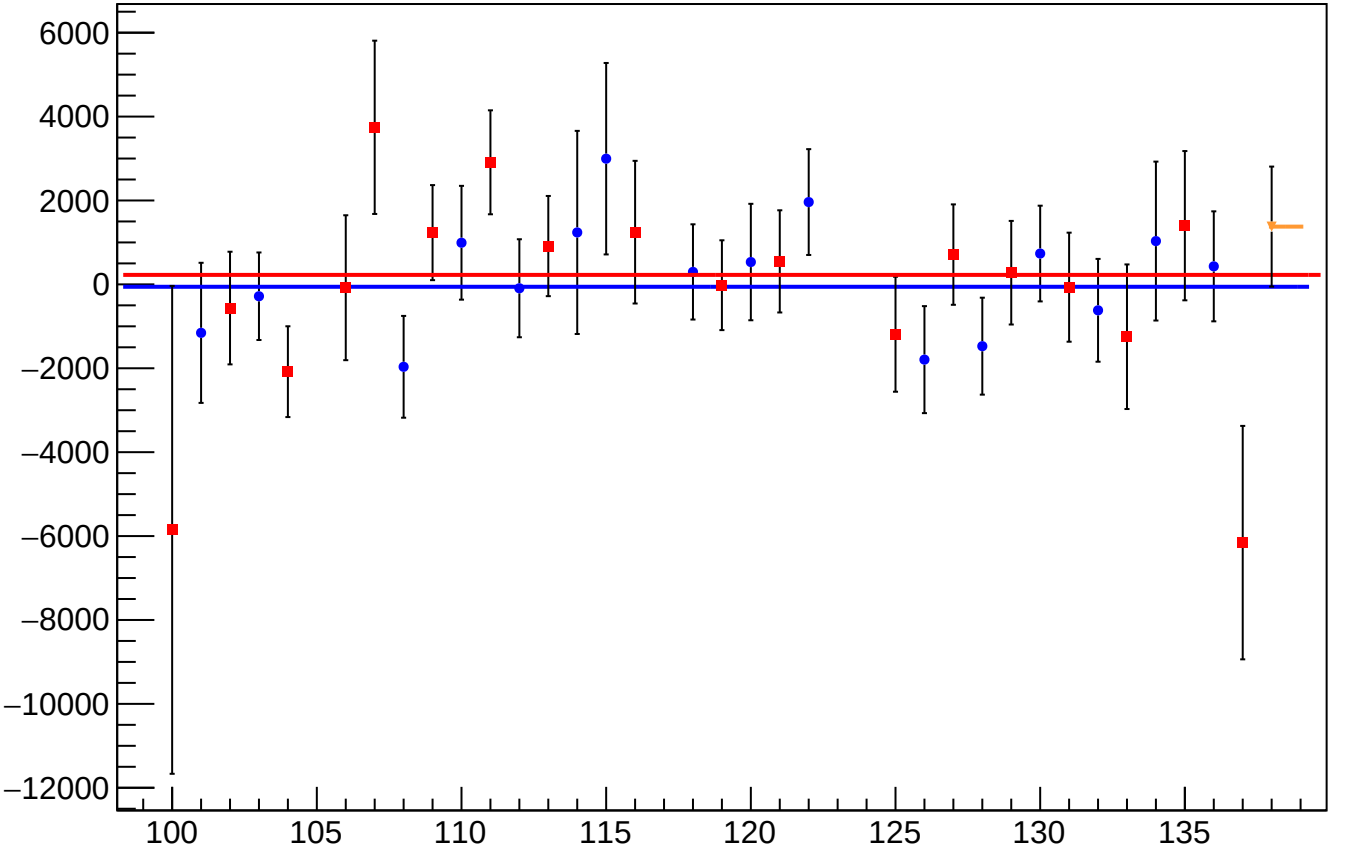
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2643.642+/-0.681 χ^2/NDF: 807542.1/16

All: 2494.716+/-0.463 χ^2/NDF: 1508221.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: -57.211+/-330.088 χ^2/NDF: 13.0/15

Left Out: 1376.740+/-1431.247 χ^2/NDF:0.0/0

Right Out: 226.078+/-328.069 χ^2/NDF: 22.9/17

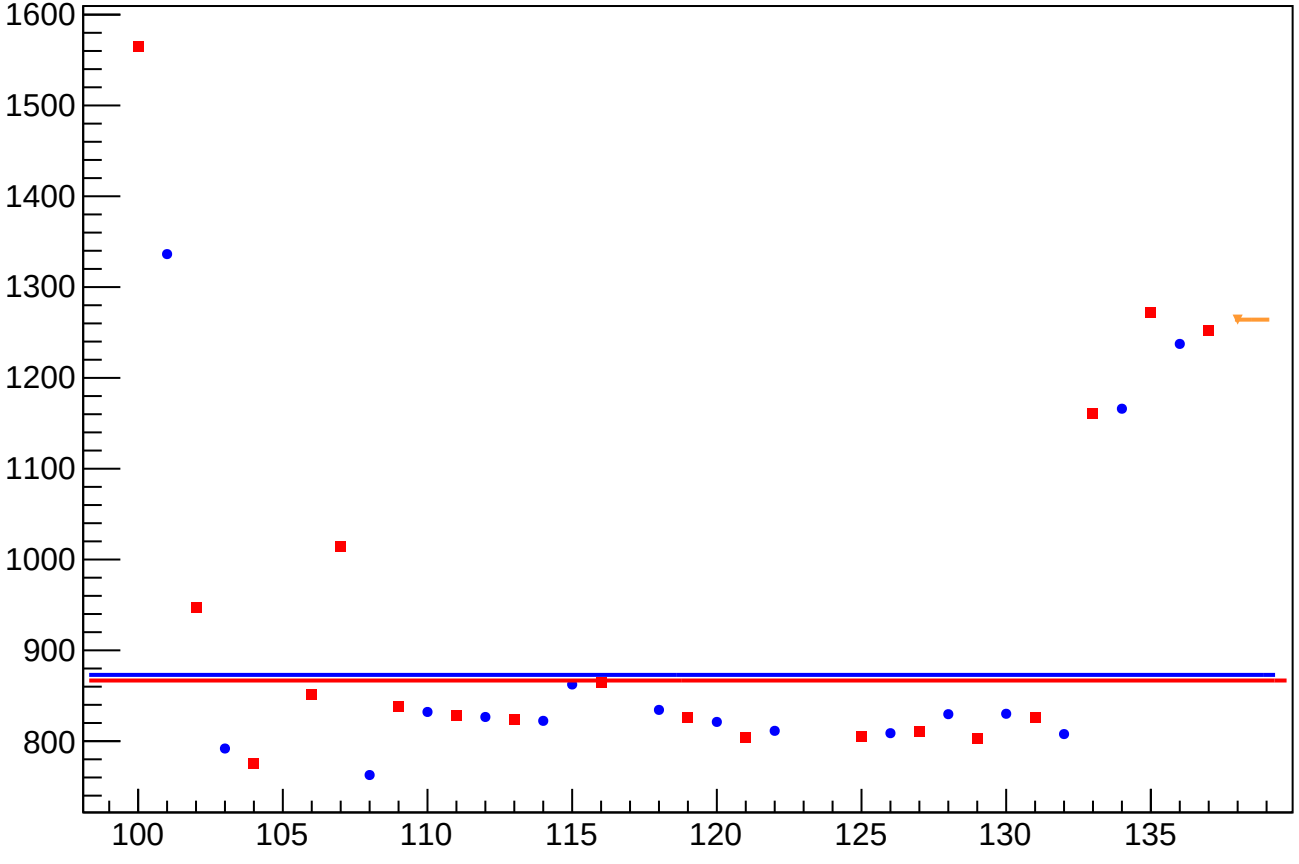
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15.209+/-321.645 χ^2/NDF: 13.9/16

All: 118.559+/-229.675 χ^2/NDF: 37.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 872.972+/-0.233 χ^2/NDF: 417098.9/15

Left Out: 1264.156+/-1.012 χ^2/NDF:0.0/0

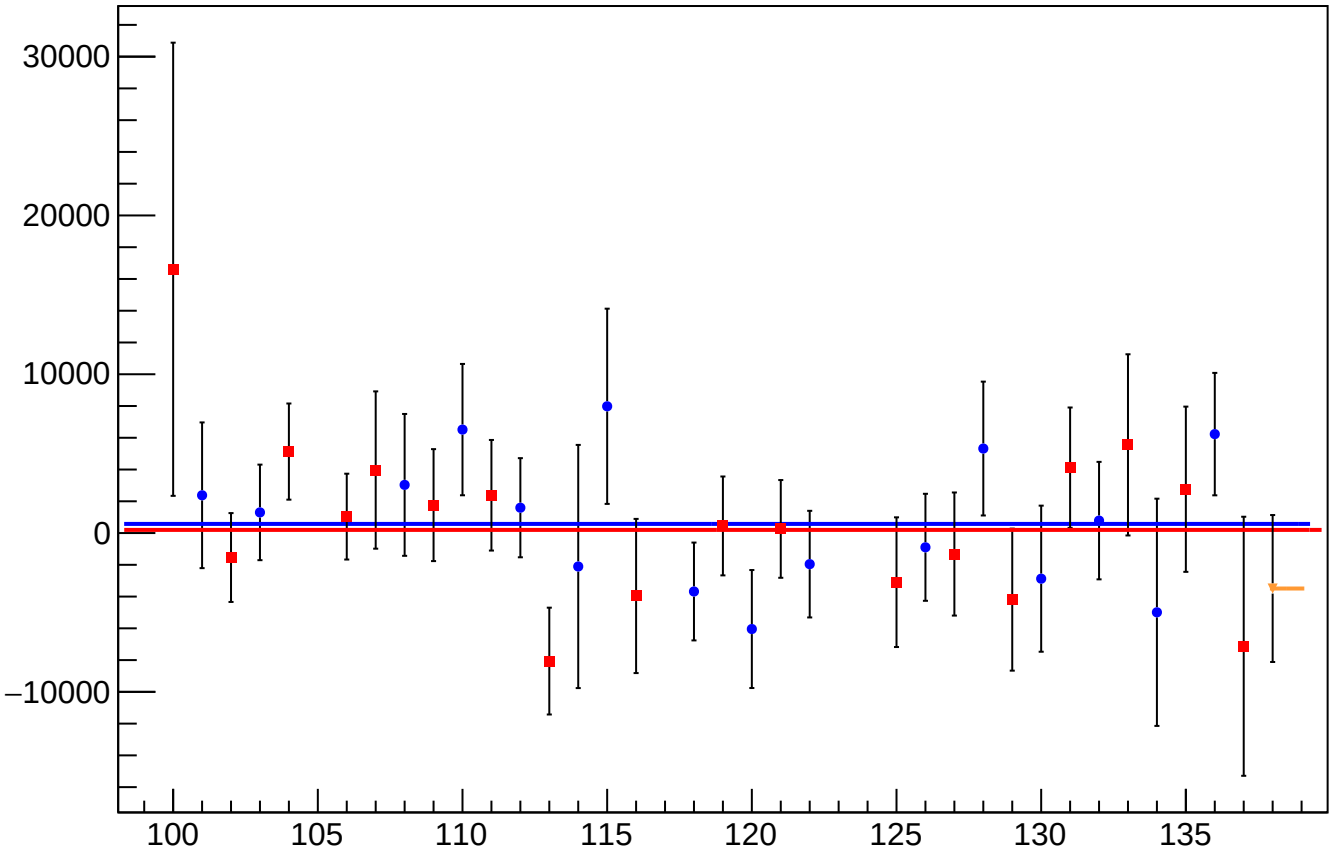
Right Out: 866.772+/-0.232 χ^2/NDF: 290386.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 892.728+/-0.227 χ^2/NDF: 558957.7/16

All: 879.994+/-0.162 χ^2/NDF: 855734.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 575.266+/-984.885 χ^2/NDF: 14.7/15

Left Out: -3492.624+/-4626.870 χ^2/NDF:0.0/0

Right Out: 197.955+/-894.119 χ^2/NDF: 17.2/17

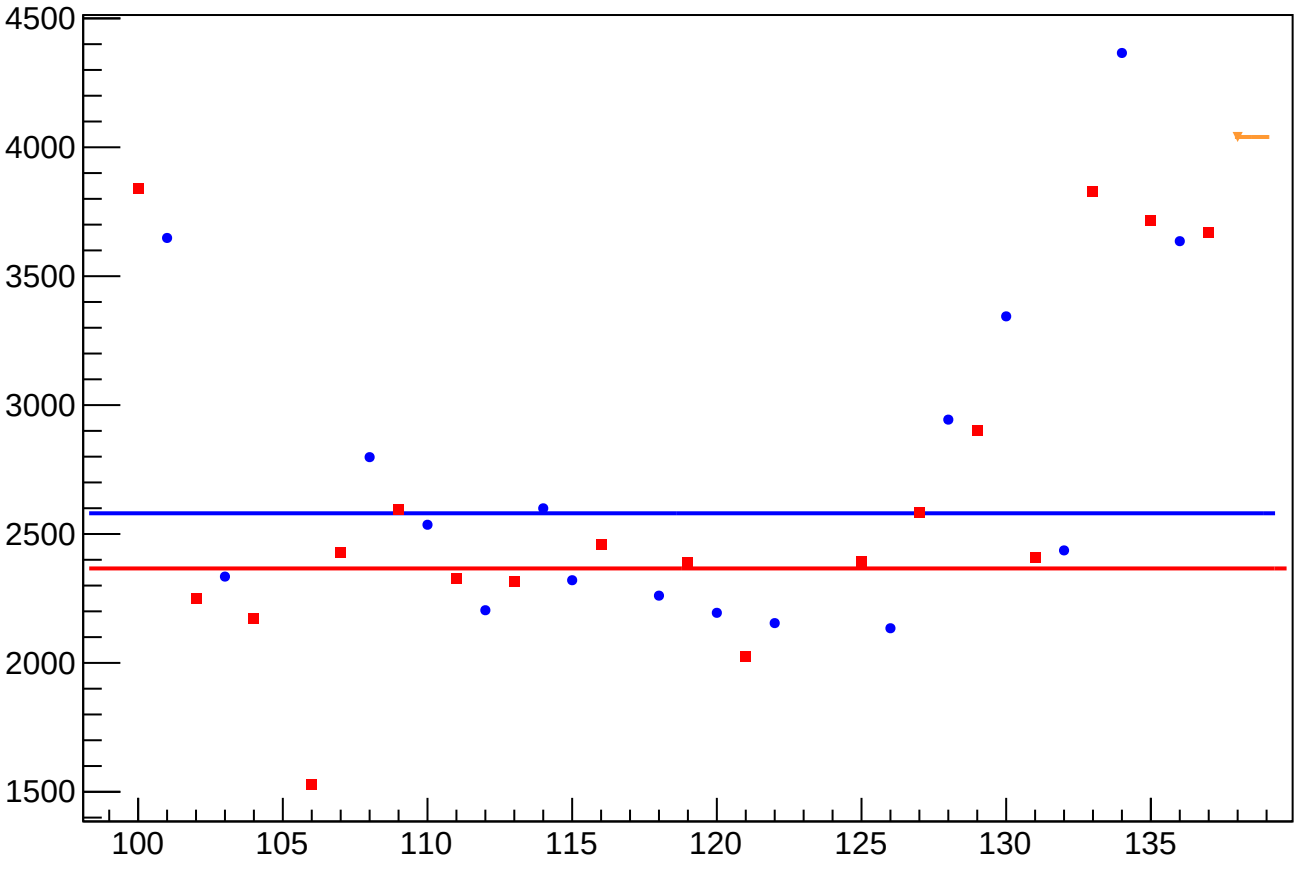
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 398.939+/-963.303 χ^2/NDF: 15.4/16

All: 290.971+/-655.332 χ^2/NDF: 32.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2580.368+/-0.696 χ^2/NDF: 617163.3/15

Left Out: 4039.916+/-3.272 χ^2/NDF:0.0/0

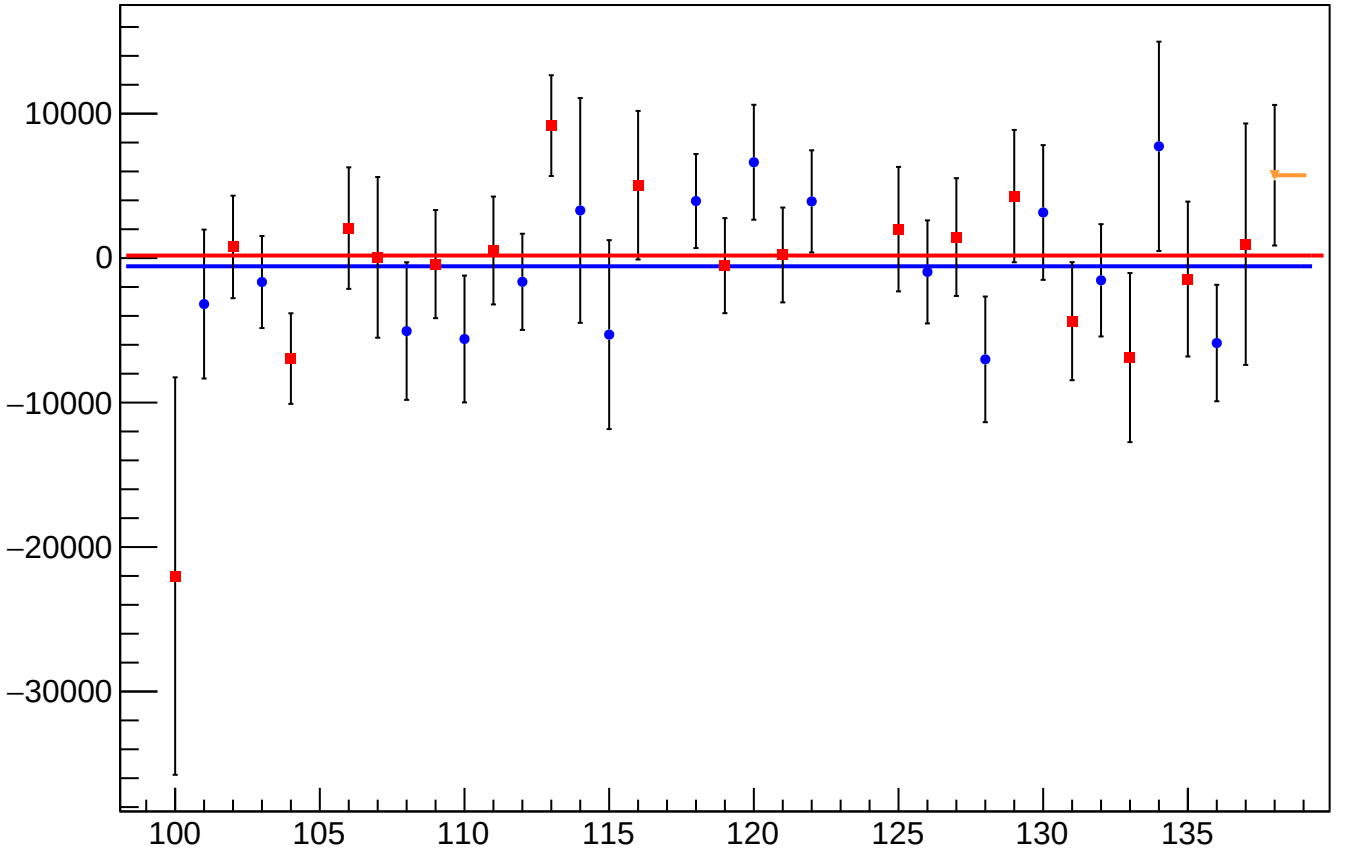
Right Out: 2366.405+/-0.632 χ^2/NDF: 611698.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2643.634+/-0.681 χ^2/NDF: 807554.3/16

All: 2494.708+/-0.463 χ^2/NDF: 1508237.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -566.096+/-1040.314 χ^2/NDF: 16.2/15

Left Out: 5738.796+/-4865.838 χ^2/NDF:0.0/0

Right Out: 178.586+/-988.392 χ^2/NDF: 19.5/17

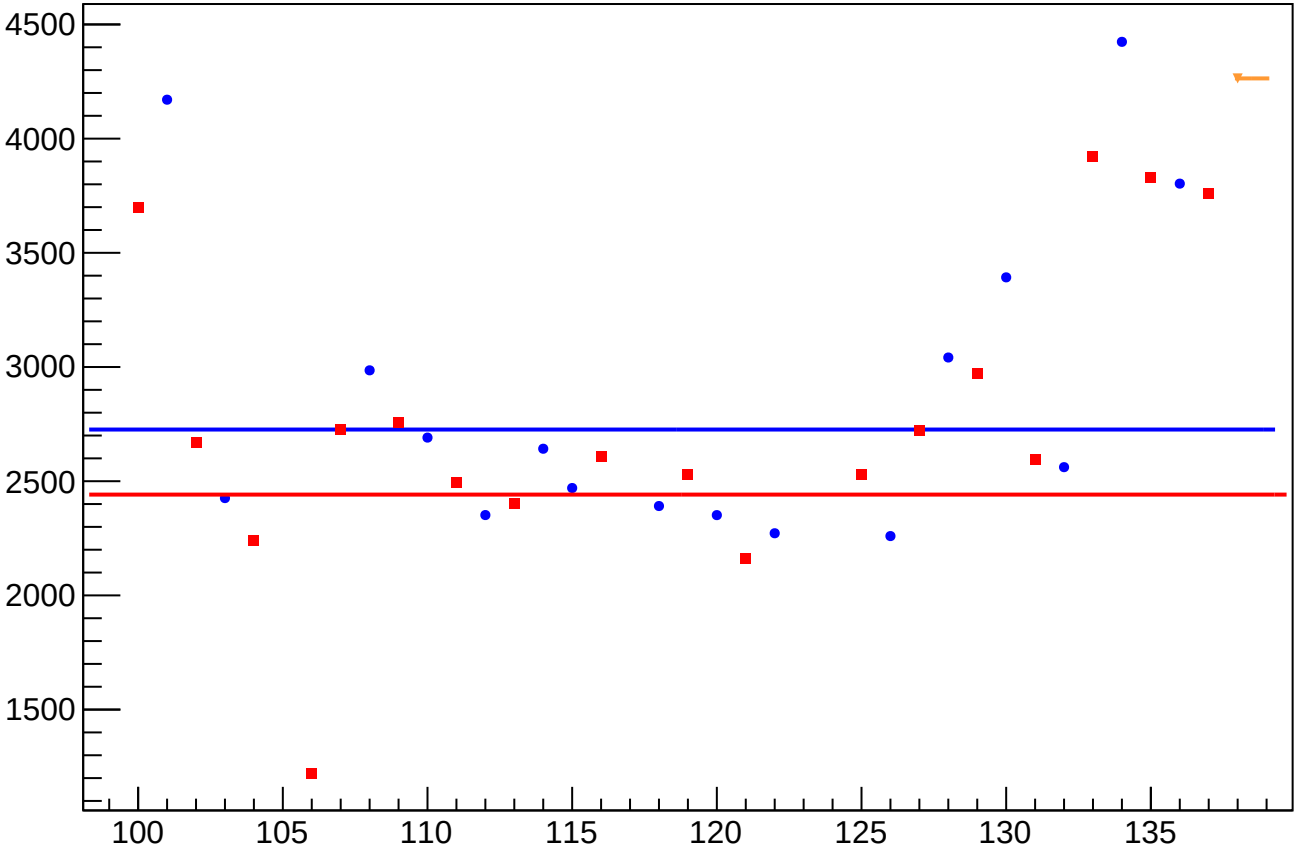
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -290.496+/-1017.322 χ^2/NDF: 17.8/16

All: -49.190+/-708.906 χ^2/NDF: 37.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_rms vs Slug



Right In: 2726.231+/-0.736 χ^2/NDF: 623079.8/15

Left Out: 4263.678+/-3.441 χ^2/NDF:0.0/0

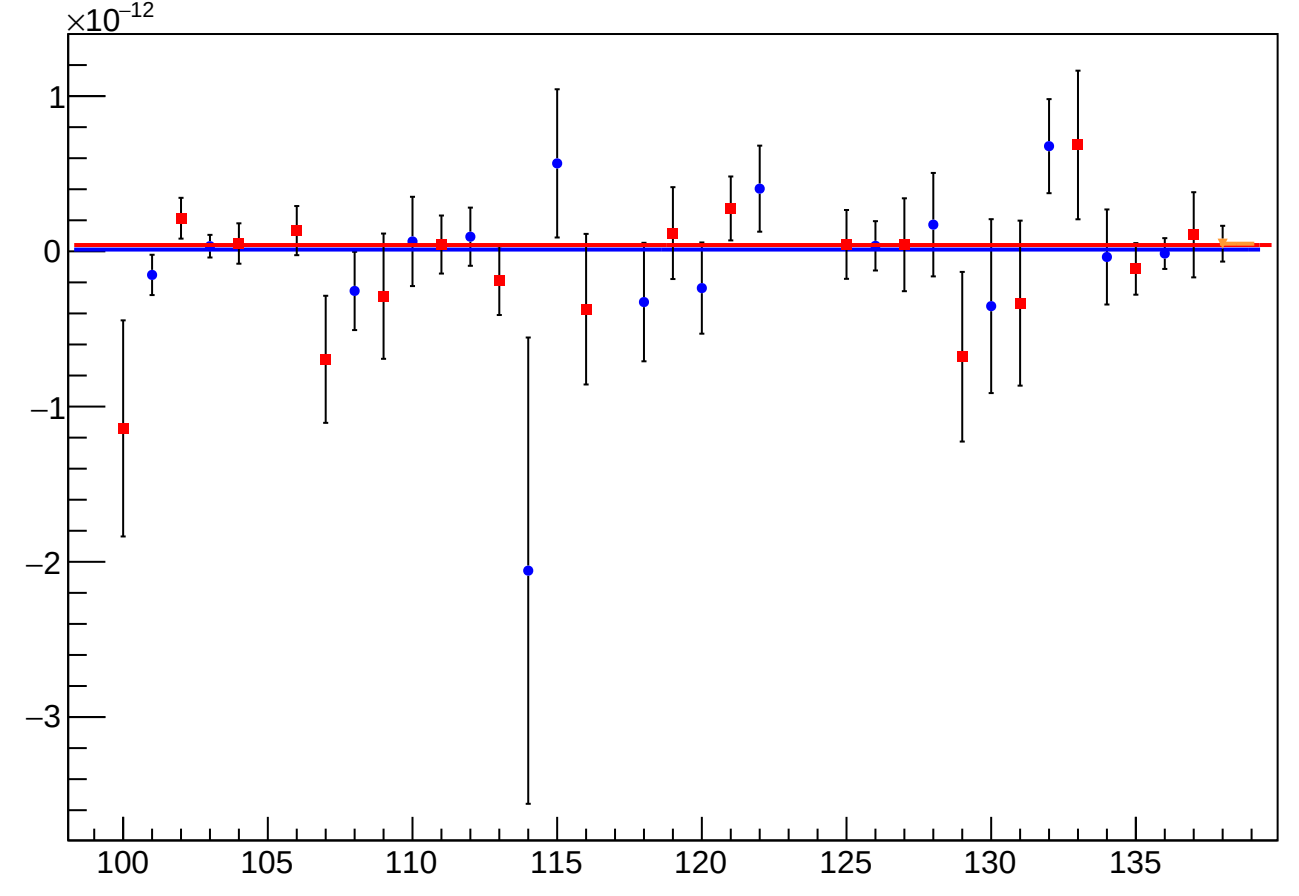
Right Out: 2441.363+/-0.667 χ^2/NDF: 891132.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2793.436+/-0.719 χ^2/NDF: 814022.9/16

All: 2604.107+/-0.489 χ^2/NDF: 1833969.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

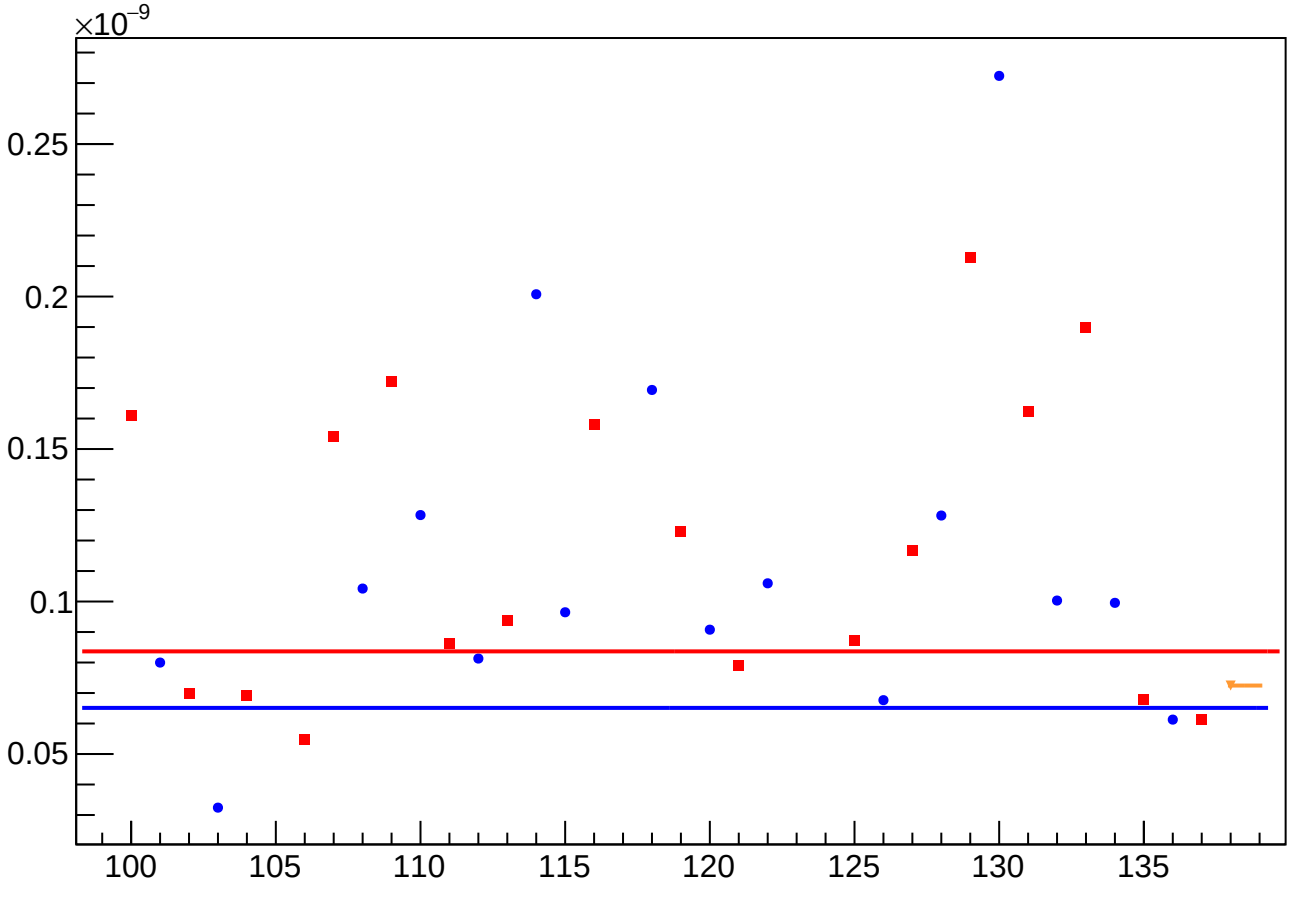
Right Out: 0.000+/-0.000 χ^2/NDF: 17.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.5/16

All: 0.000+/-0.000 χ^2/NDF: 32.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1222613.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 691494.7/17

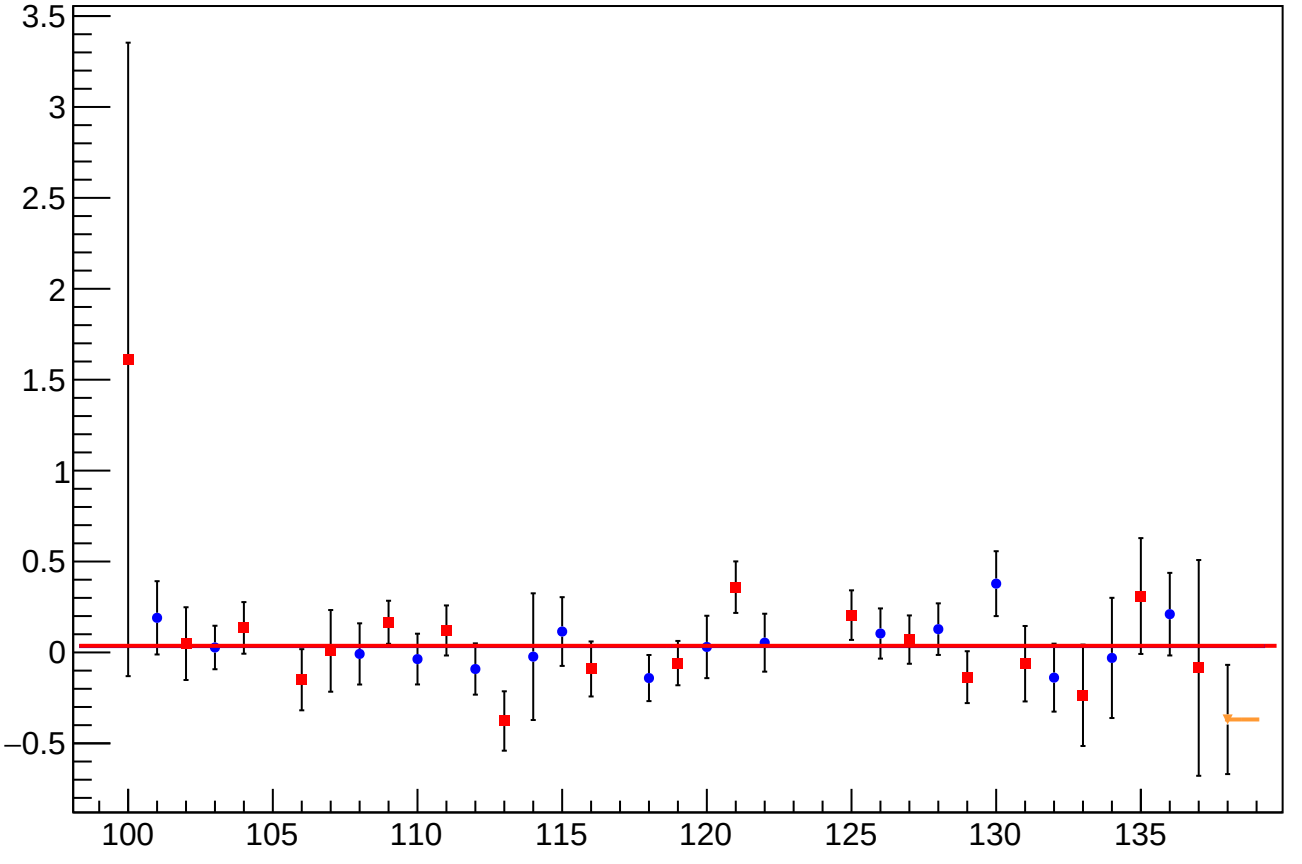
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1229666.8/16

All: 0.000+/-0.000 χ^2/NDF: 2057630.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.035+/-0.041 χ^2/NDF: 9.8/15

Left Out: -0.369+/-0.300 χ^2/NDF:0.0/0

Right Out: 0.036+/-0.039 χ^2/NDF: 22.0/17

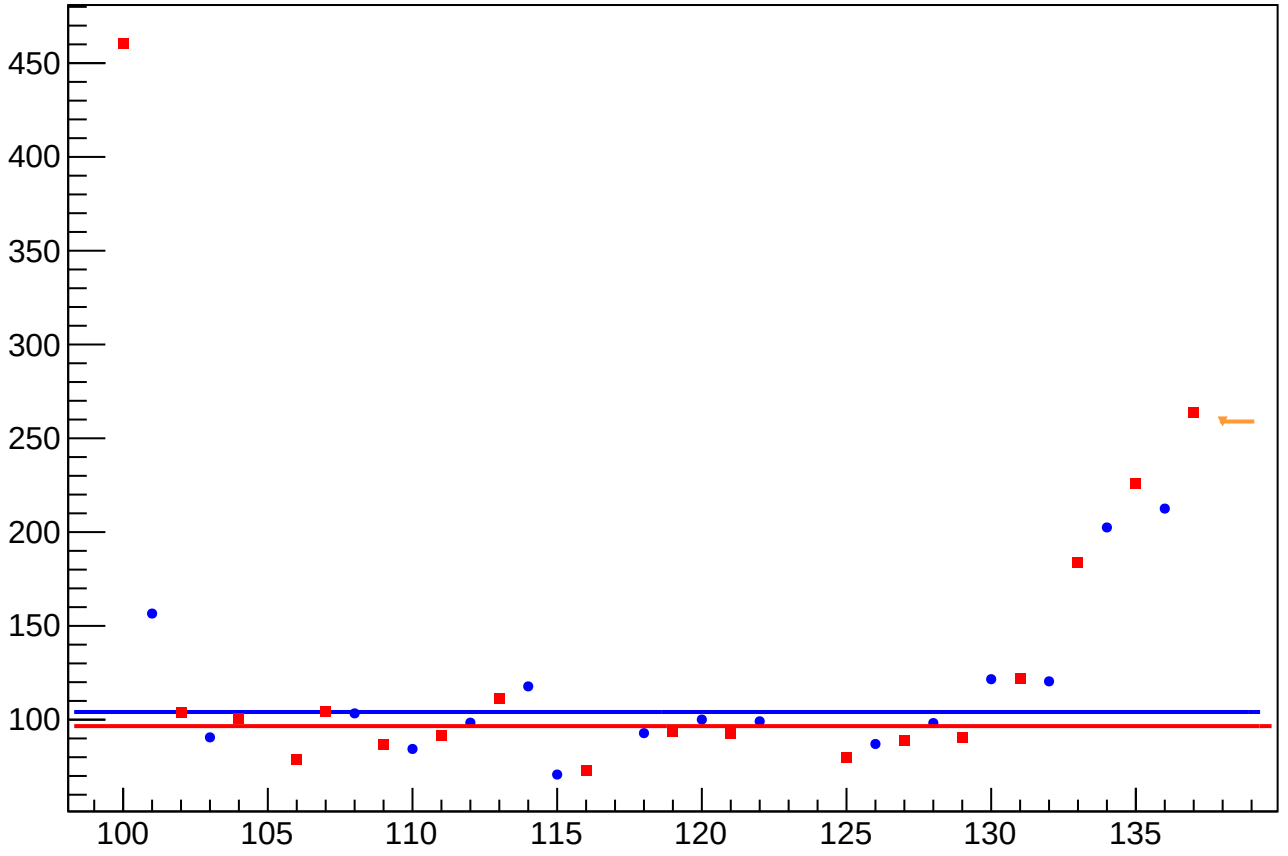
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.028+/-0.041 χ^2/NDF: 11.5/16

All: 0.032+/-0.028 χ^2/NDF: 33.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 104.099+/-0.029 χ^2/NDF: 989856.1/15

Left Out: 258.950+/-0.212 χ^2/NDF:0.0/0

Right Out: 96.569+/-0.028 χ^2/NDF: 955547.2/17

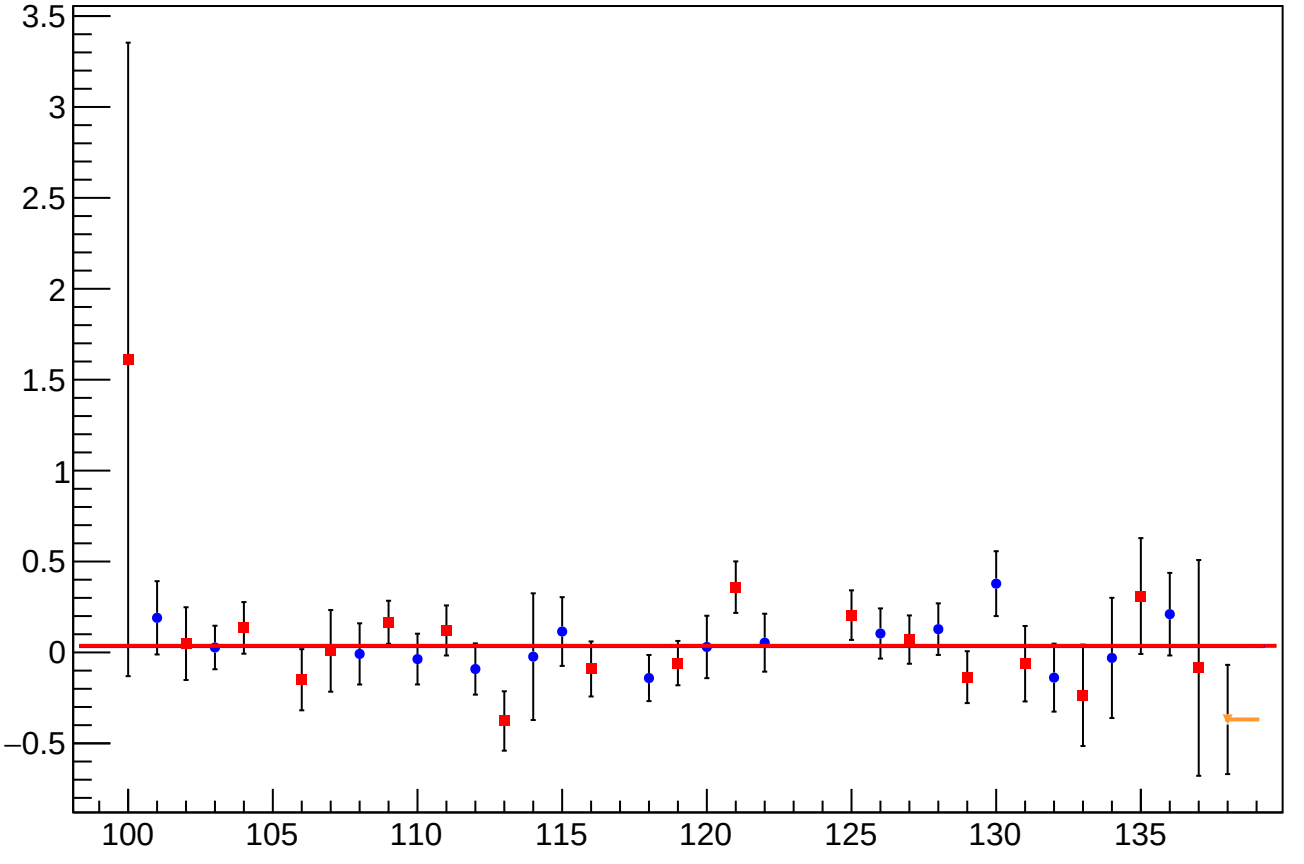
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.936+/-0.029 χ^2/NDF: 1511748.4/16

All: 101.524+/-0.020 χ^2/NDF: 2535189.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035+/-0.041 χ^2/NDF: 9.8/15

Left Out: -0.369+/-0.300 χ^2/NDF:0.0/0

Right Out: 0.036+/-0.039 χ^2/NDF: 22.0/17

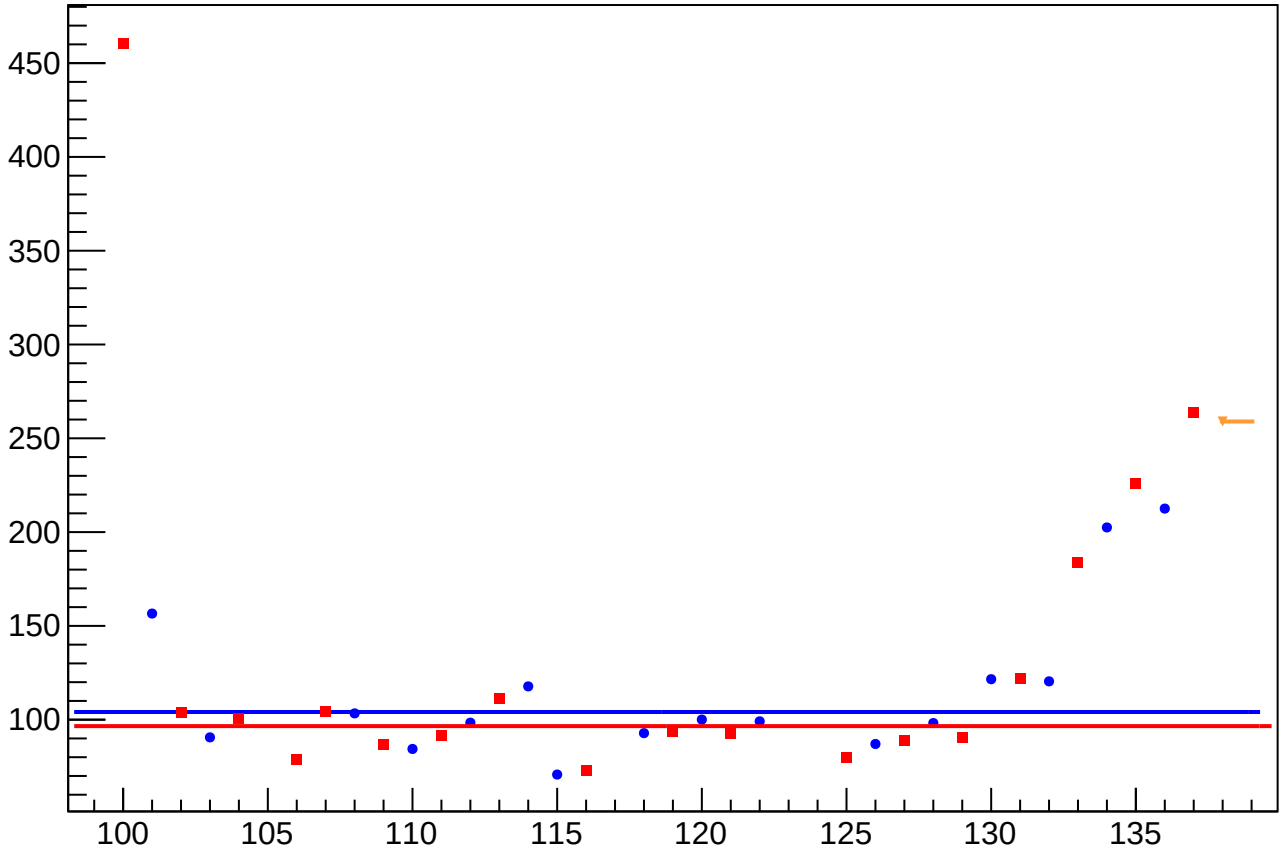
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.028+/-0.041 χ^2/NDF: 11.5/16

All: 0.032+/-0.028 χ^2/NDF: 33.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 104.099+/-0.029 χ^2/NDF: 989856.1/15

Left Out: 258.950+/-0.212 χ^2/NDF:0.0/0

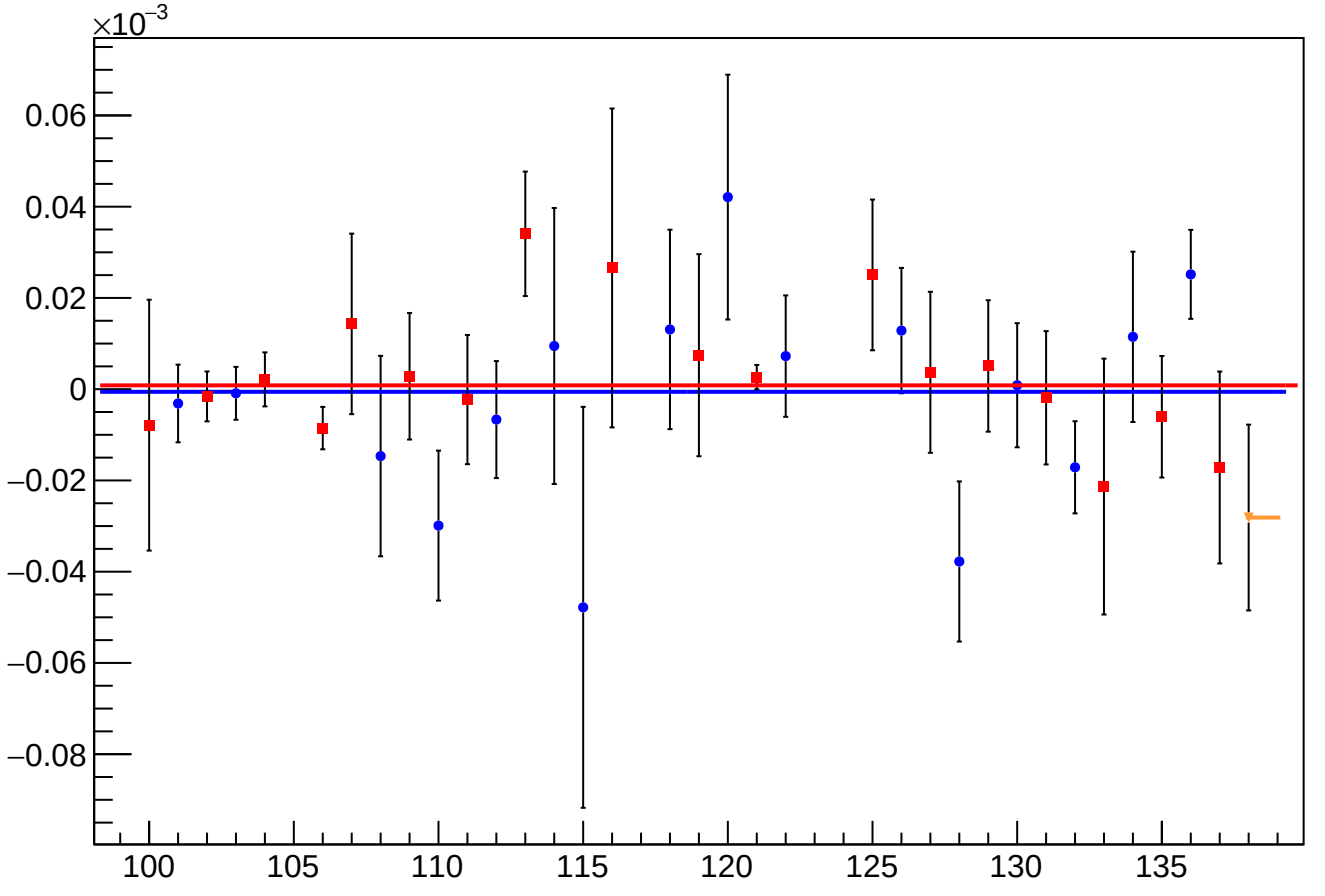
Right Out: 96.569+/-0.028 χ^2/NDF: 955547.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.936+/-0.029 χ^2/NDF: 1511748.4/16

All: 101.524+/-0.020 χ^2/NDF: 2535189.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 24.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 15.9/17

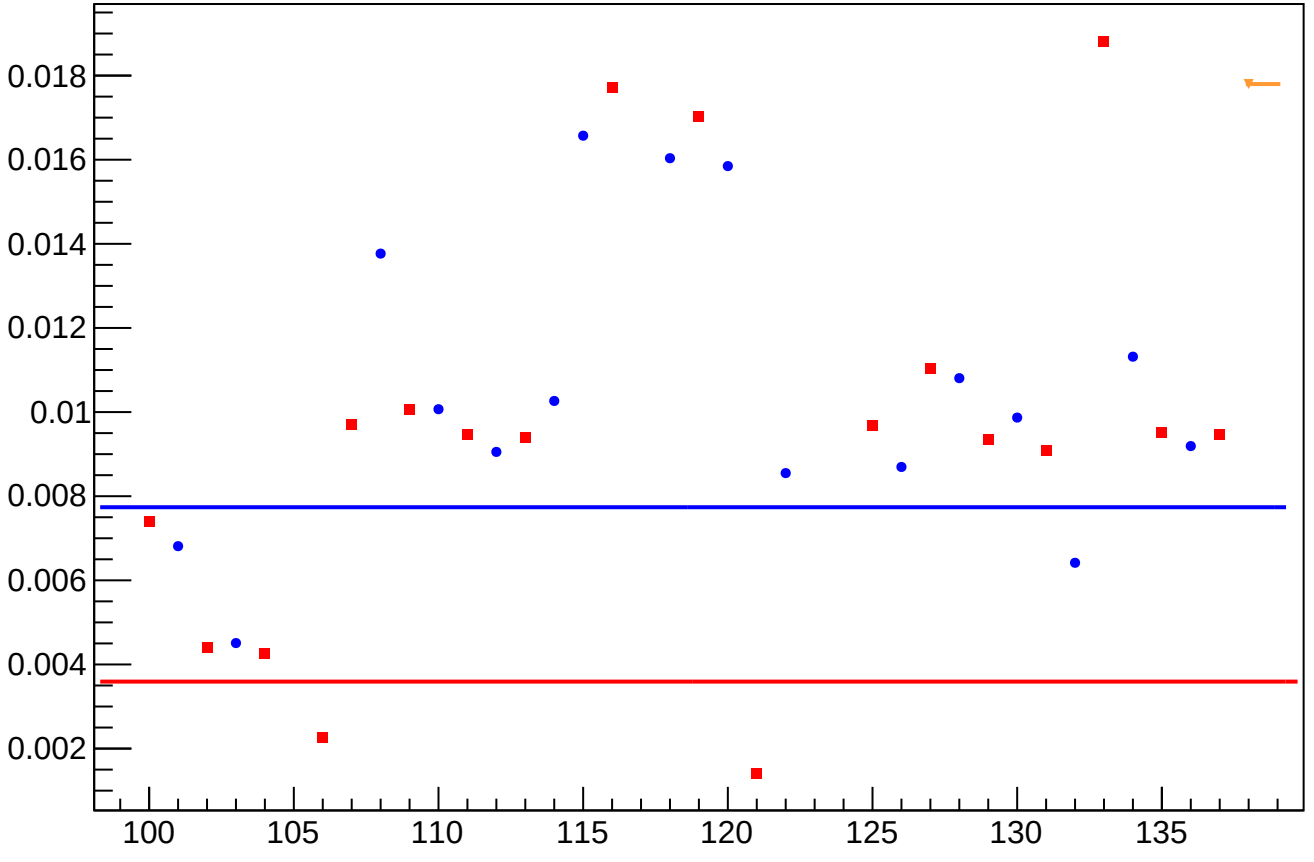
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.000+/-0.000 χ^2/NDF: 25.8/16

All: 0.000+/-0.000 χ^2/NDF: 41.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 1701473.5/15

Left Out: 0.018+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF: 6364883.4/17

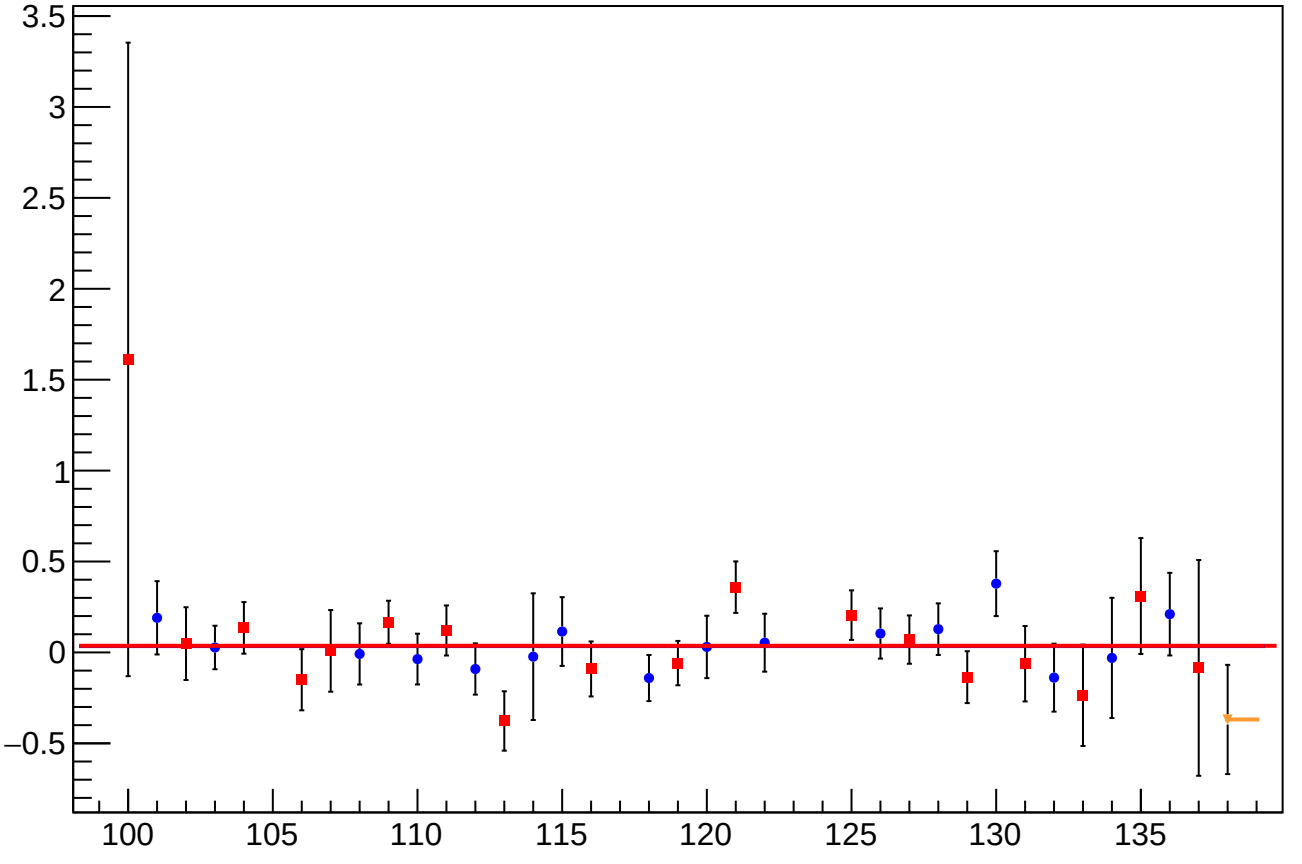
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 2178607.4/16

All: 0.005+/-0.000 χ^2/NDF: 11522100.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.035+/-0.041 χ^2/NDF: 9.8/15

Left Out: -0.369+/-0.300 χ^2/NDF:0.0/0

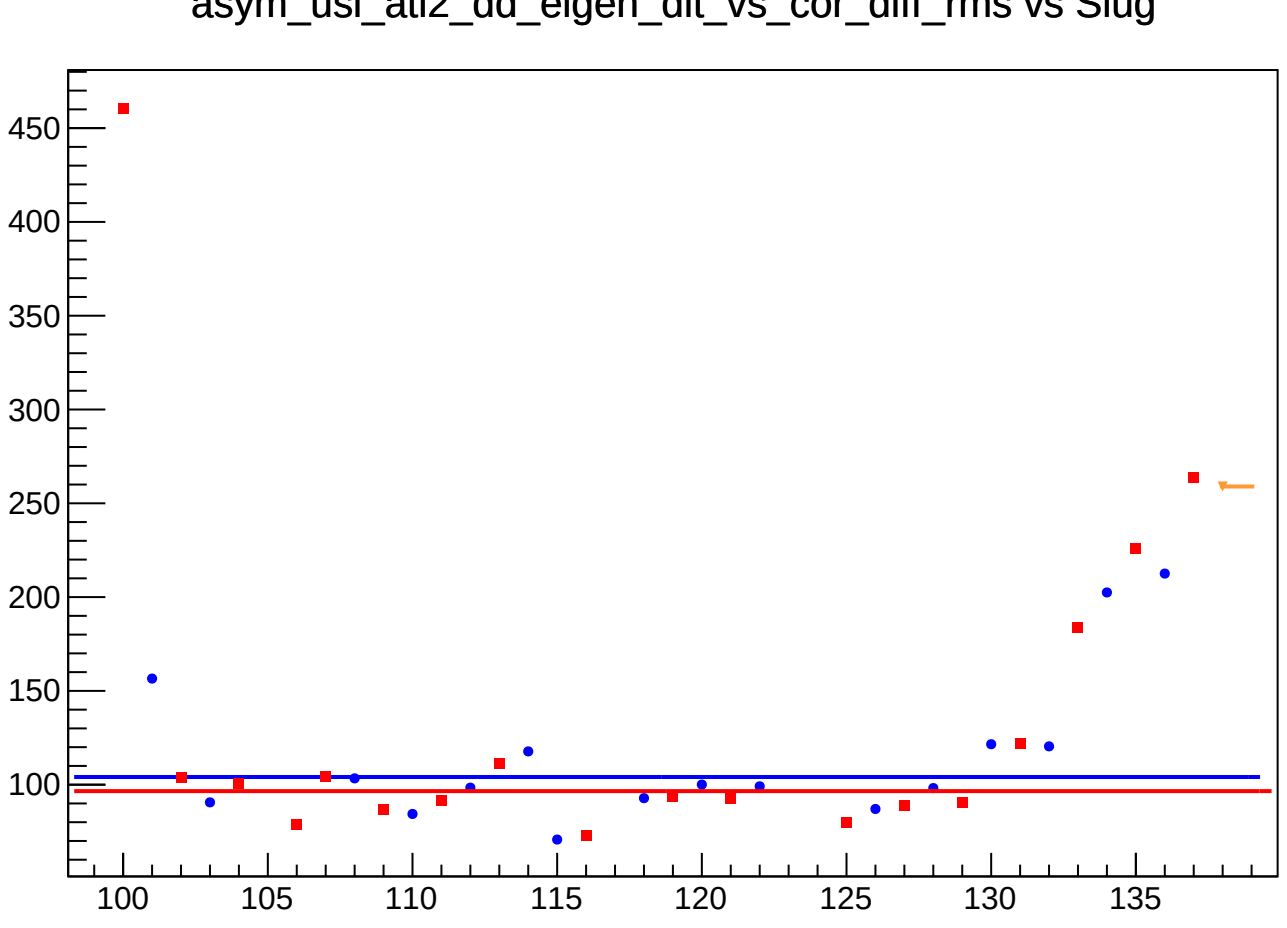
Right Out: 0.036+/-0.039 χ^2/NDF: 22.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.028+/-0.041 χ^2/NDF: 11.5/16

All: 0.032+/-0.028 χ^2/NDF: 33.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 104.100+/-0.029 χ^2/NDF: 989809.0/15

Left Out: 258.952+/-0.212 χ^2/NDF:0.0/0

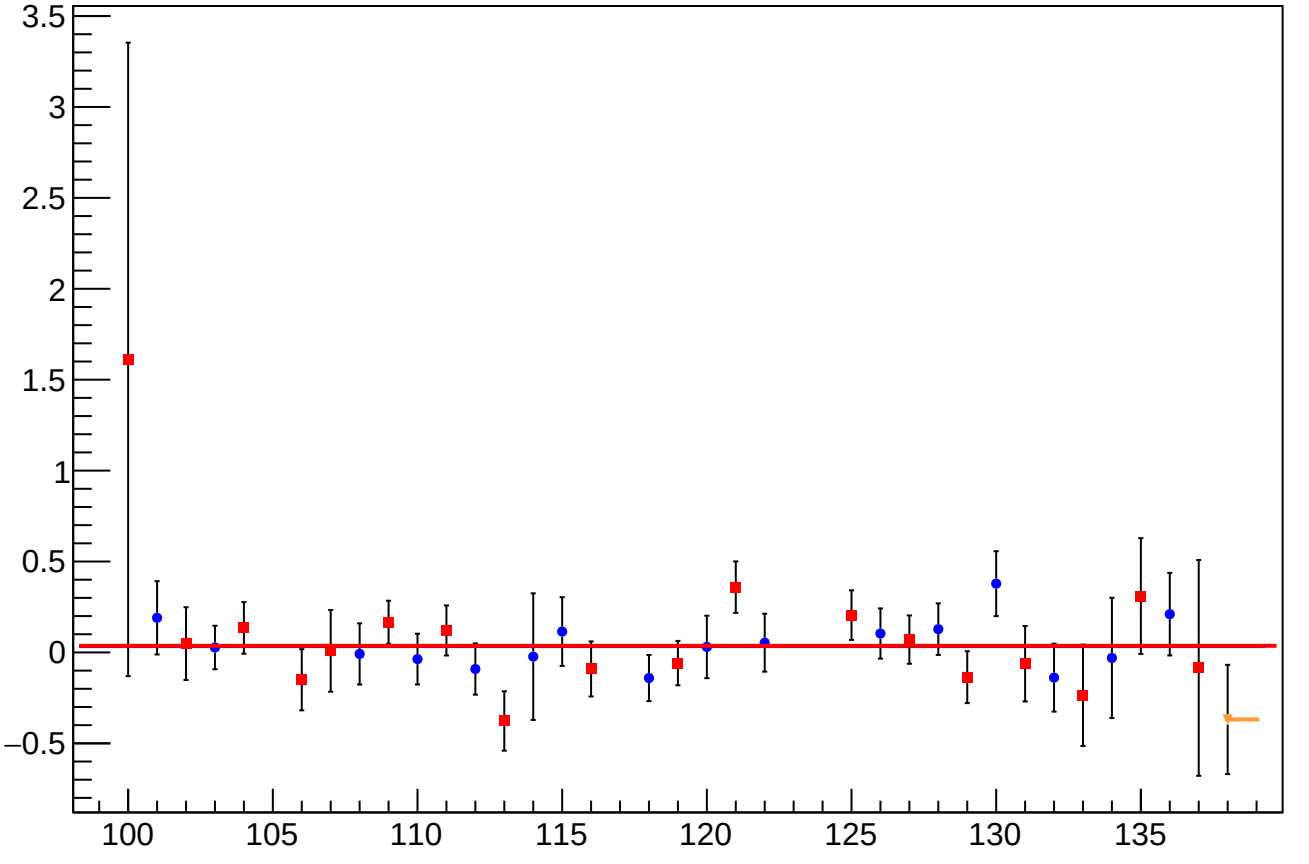
Right Out: 96.570+/-0.028 χ^2/NDF: 955477.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.937+/-0.029 χ^2/NDF: 1511702.9/16

All: 101.525+/-0.020 χ^2/NDF: 2535067.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.035+/-0.041 χ^2/NDF: 9.8/15

Left Out: -0.369+/-0.300 χ^2/NDF:0.0/0

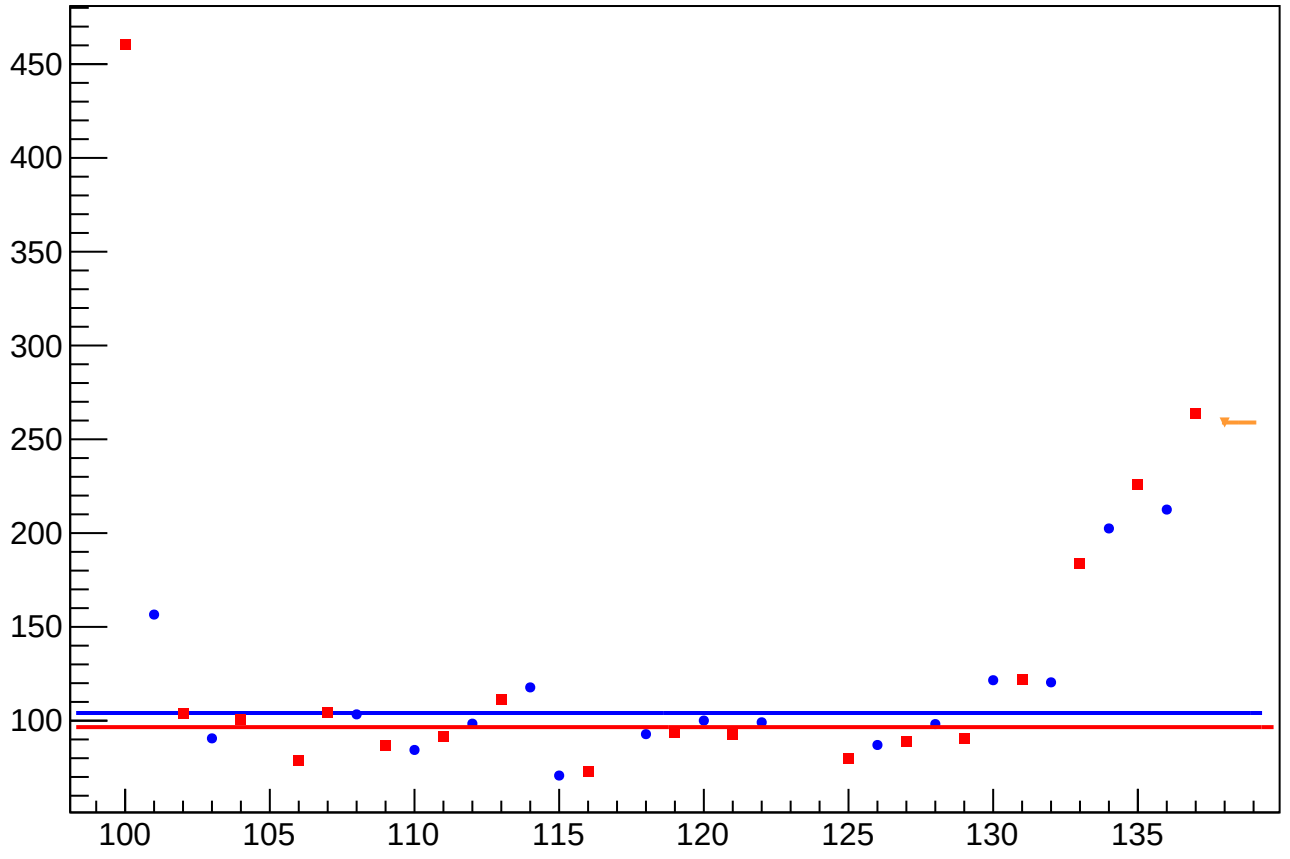
Right Out: 0.036+/-0.039 χ^2/NDF: 22.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.028+/-0.041 χ^2/NDF: 11.5/16

All: 0.032+/-0.028 χ^2/NDF: 33.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 104.100+/-0.029 χ^2/NDF: 989809.0/15

Left Out: 258.952+/-0.212 χ^2/NDF:0.0/0

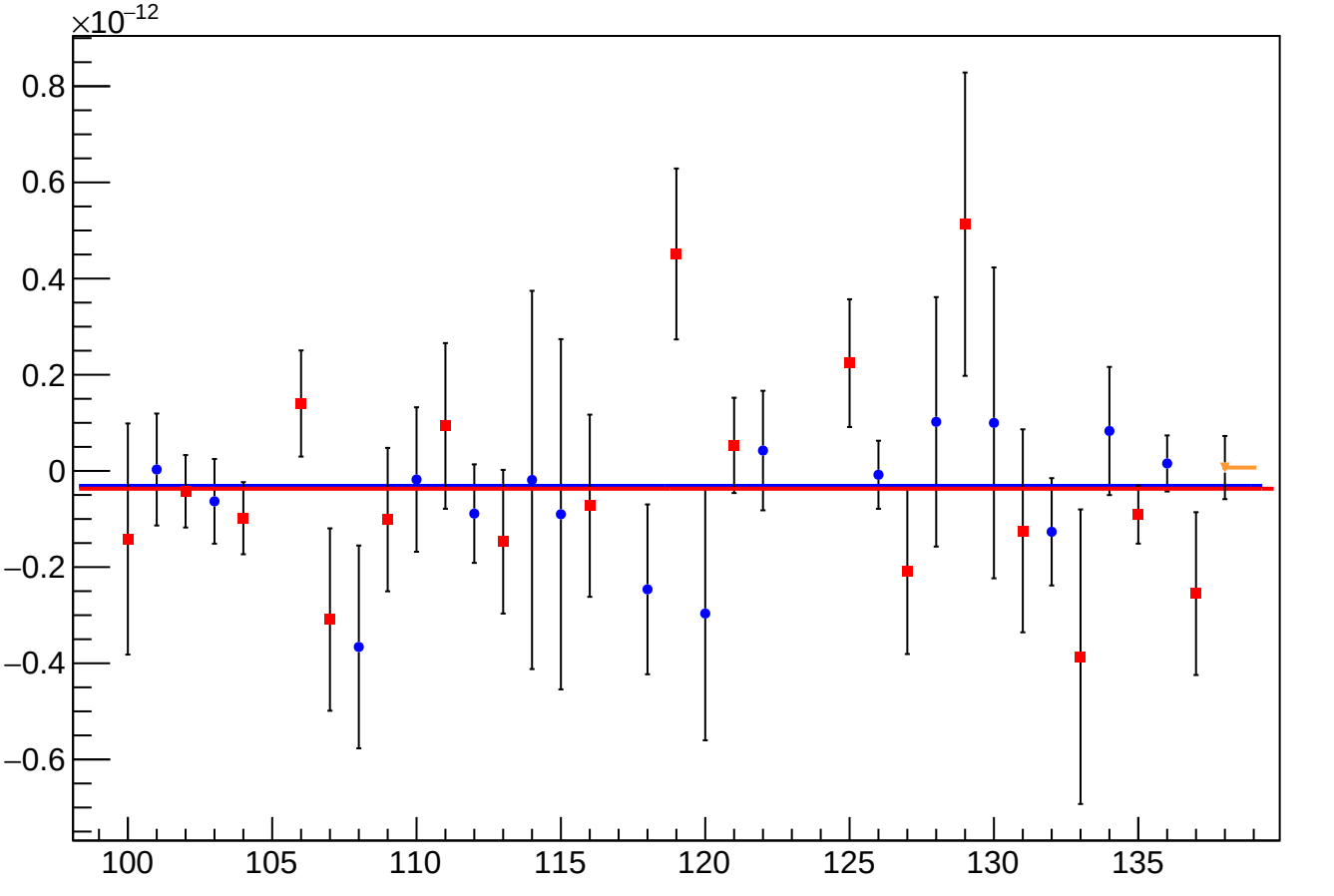
Right Out: 96.570+/-0.028 χ^2/NDF: 955477.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.937+/-0.029 χ^2/NDF: 1511702.9/16

All: 101.525+/-0.020 χ^2/NDF: 2535067.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

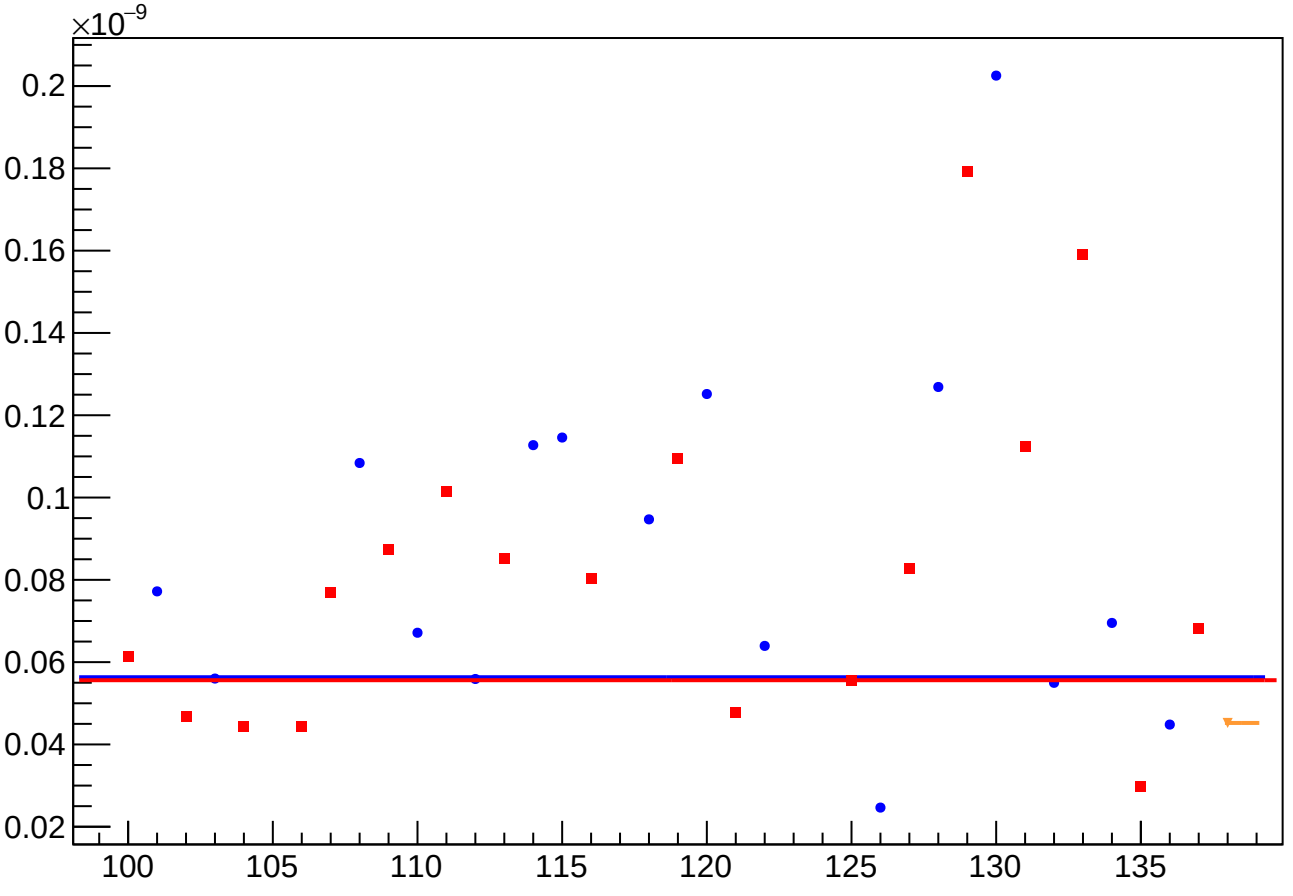
Right Out: -0.000+/-0.000 χ^2/NDF: 27.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 8.9/16

All: -0.000+/-0.000 χ^2/NDF: 36.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1582688.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

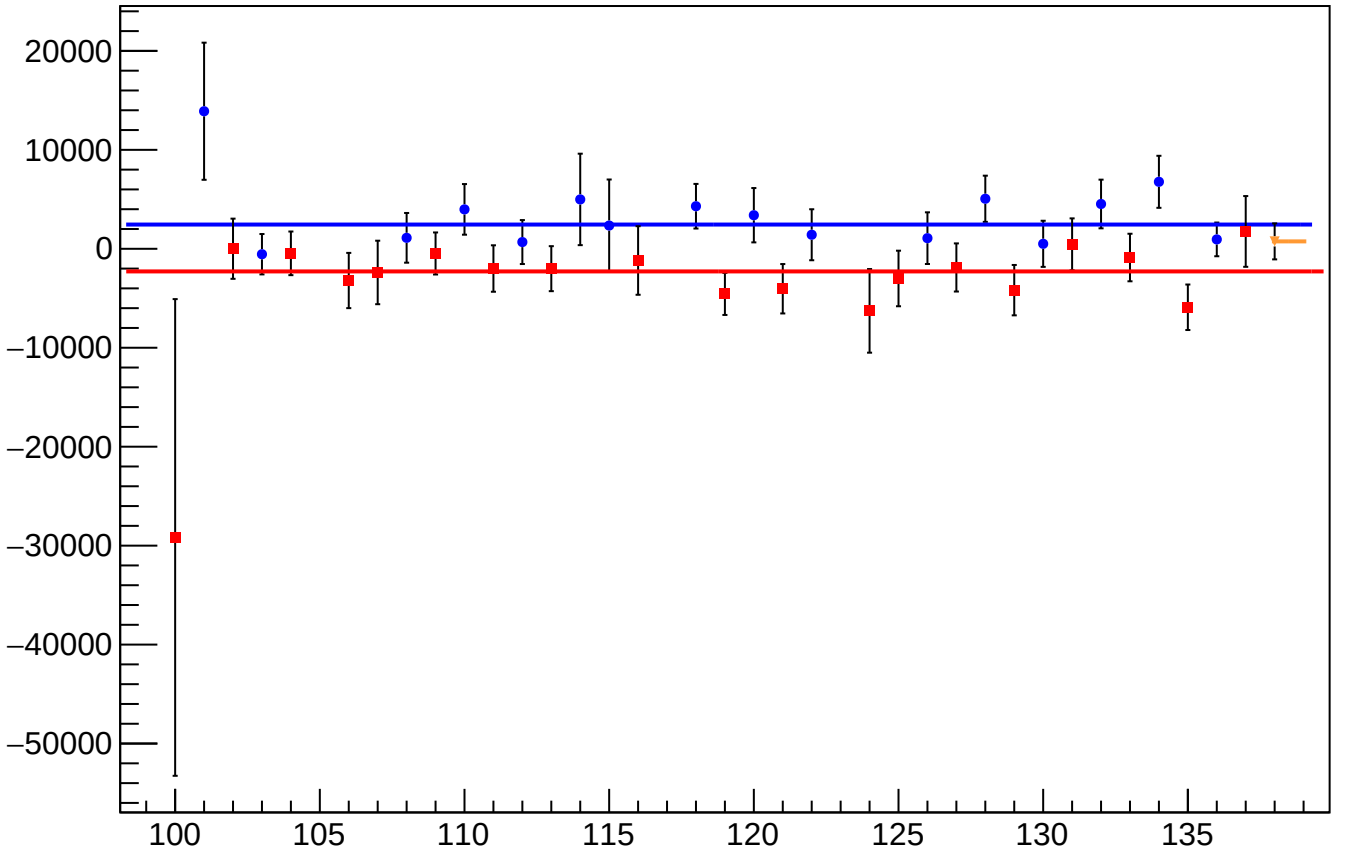
Right Out: 0.000+/-0.000 χ^2/NDF: 1767462.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1630247.5/16

All: 0.000+/-0.000 χ^2/NDF: 3399407.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2449.957+/-630.235 χ^2/NDF: 13.8/15

Left Out: 748.450+/-1818.231 χ^2/NDF:0.0/0

Right Out: -2286.573+/-609.157 χ^2/NDF: 11.8/18

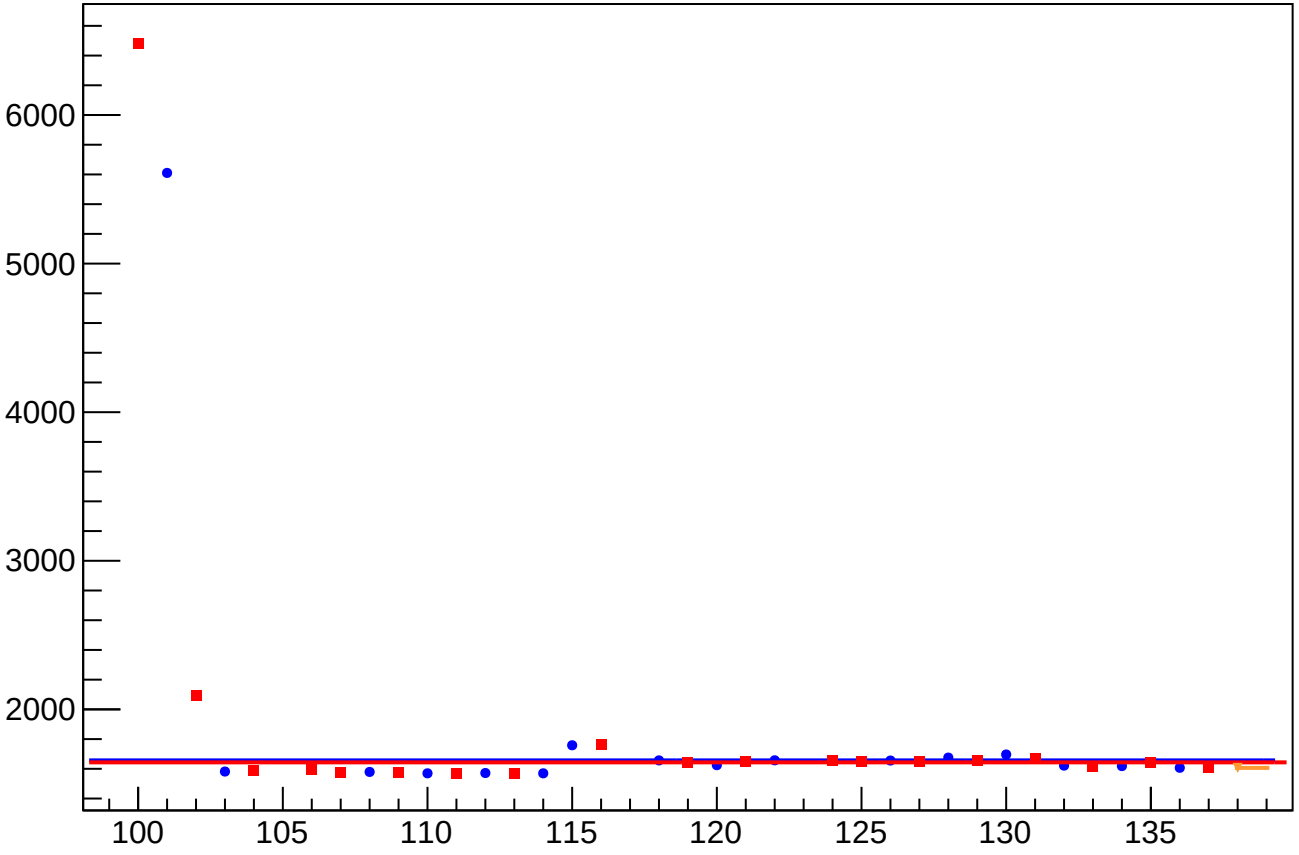
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2267.455+/-595.477 χ^2/NDF: 14.6/16

All: 42.149+/-425.820 χ^2/NDF: 55.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1656.683+/-0.446 χ^2/NDF: 666226.2/15

Left Out: 1606.222+/-1.286 χ^2/NDF:0.0/0

Right Out: 1643.430+/-0.431 χ^2/NDF: 136997.9/18

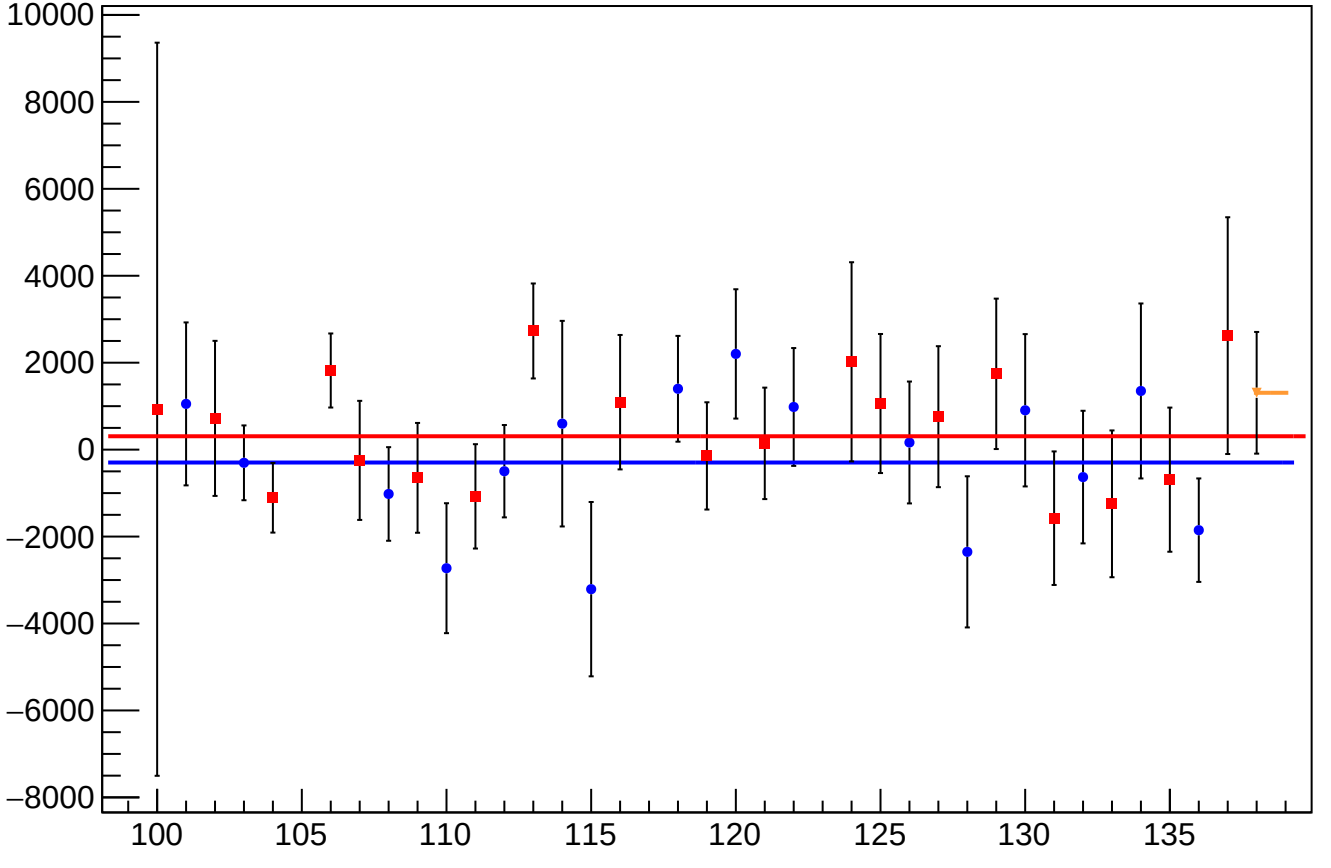
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1651.271+/-0.421 χ^2/NDF: 667601.4/16

All: 1647.439+/-0.301 χ^2/NDF: 804768.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -296.450+/-343.436 χ^2/NDF: 16.0/15

Left Out: 1307.689+/-1399.772 χ^2/NDF:0.0/0

Right Out: 307.671+/-312.976 χ^2/NDF: 18.7/18

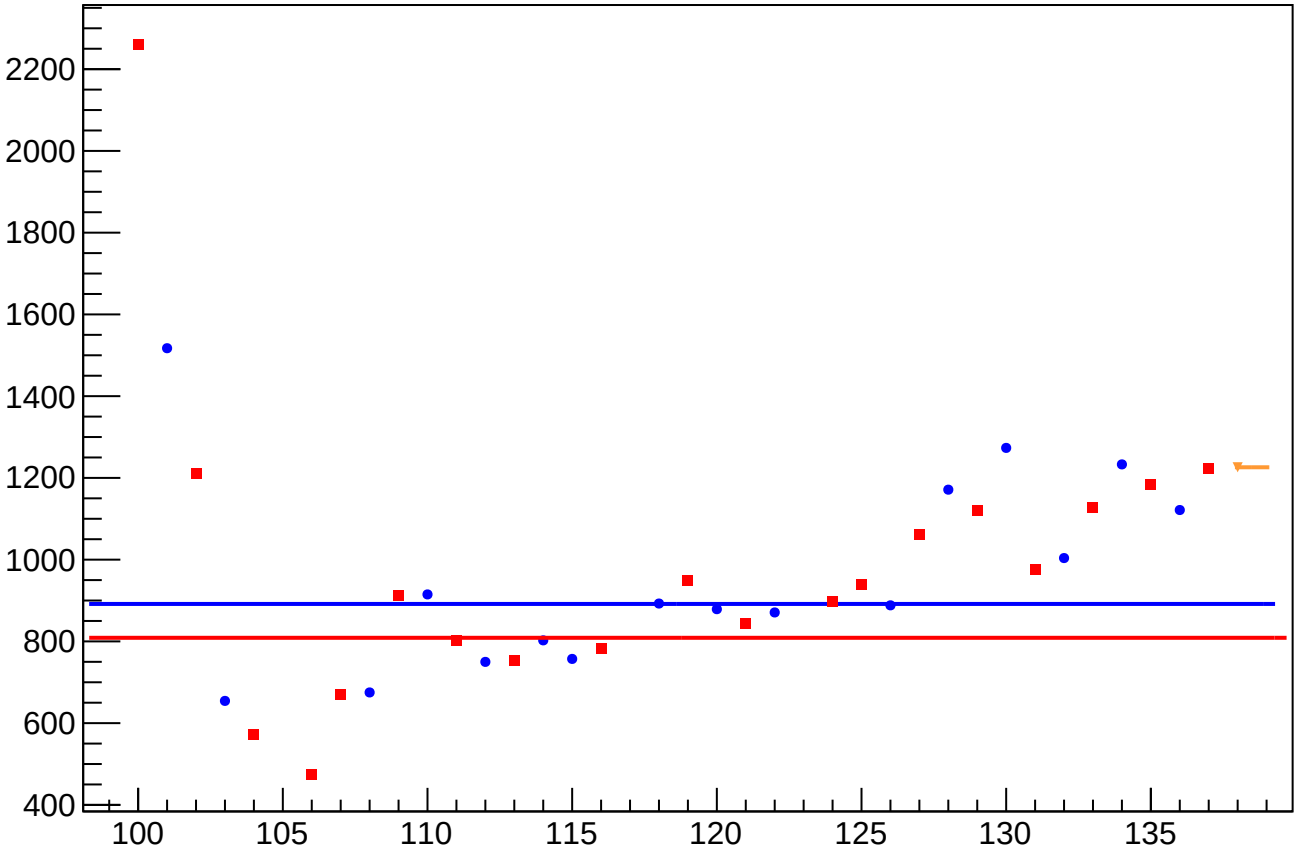
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -205.368+/-333.544 χ^2/NDF: 17.2/16

All: 67.456+/-228.233 χ^2/NDF: 37.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 891.633+/-0.243 χ^2/NDF: 793897.2/15

Left Out: 1225.994+/-0.990 χ^2/NDF:0.0/0

Right Out: 808.809+/-0.221 χ^2/NDF: 1083841.8/18

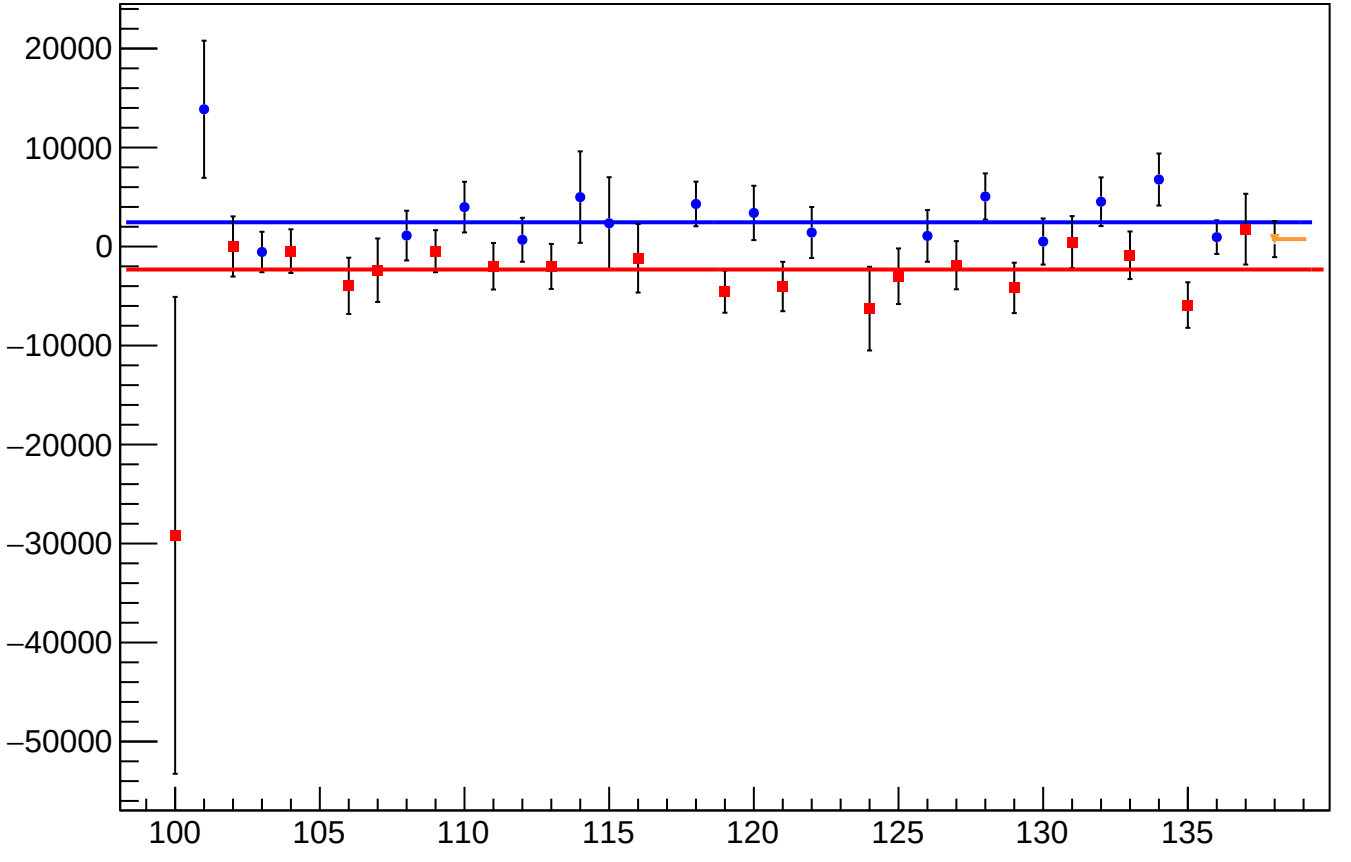
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 910.618+/-0.236 χ^2/NDF: 901533.8/16

All: 856.478+/-0.161 χ^2/NDF: 2084464.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2449.397+/-630.235 χ^2/NDF: 13.8/15

Left Out: 748.473+/-1818.231 χ^2/NDF:0.0/0

Right Out: -2320.575+/-609.657 χ^2/NDF: 12.1/18

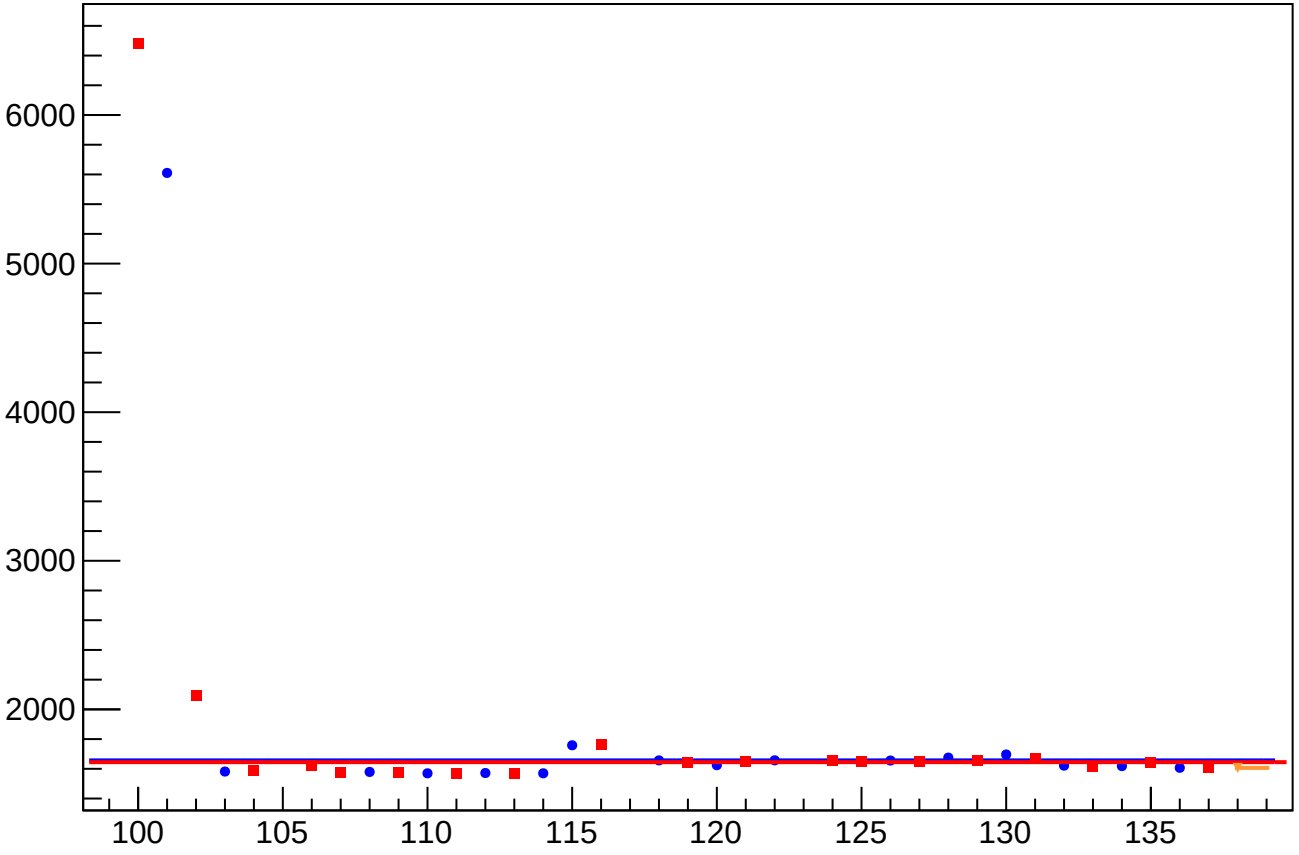
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2266.958+/-595.477 χ^2/NDF: 14.6/16

All: 27.161+/-425.991 χ^2/NDF: 55.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1656.683+/-0.446 χ^2/NDF: 666225.7/15

Left Out: 1606.222+/-1.286 χ^2/NDF:0.0/0

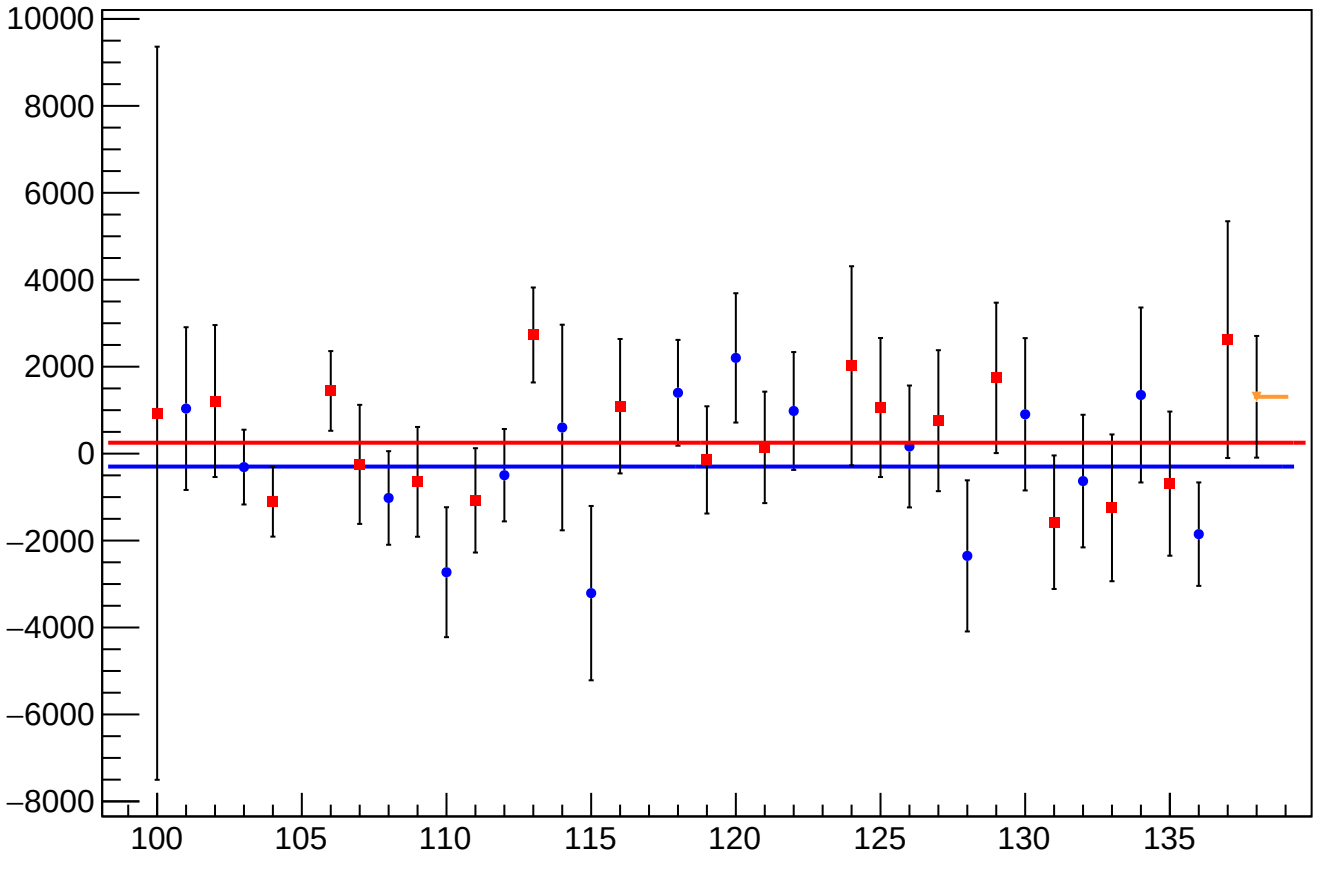
Right Out: 1644.733+/-0.431 χ^2/NDF: 136483.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1651.271+/-0.421 χ^2/NDF: 667600.9/16

All: 1648.079+/-0.301 χ^2/NDF: 804201.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -297.794+/-343.391 χ^2/NDF: 15.9/15

Left Out: 1307.595+/-1399.765 χ^2/NDF:0.0/0

Right Out: 251.230+/-315.749 χ^2/NDF: 17.3/18

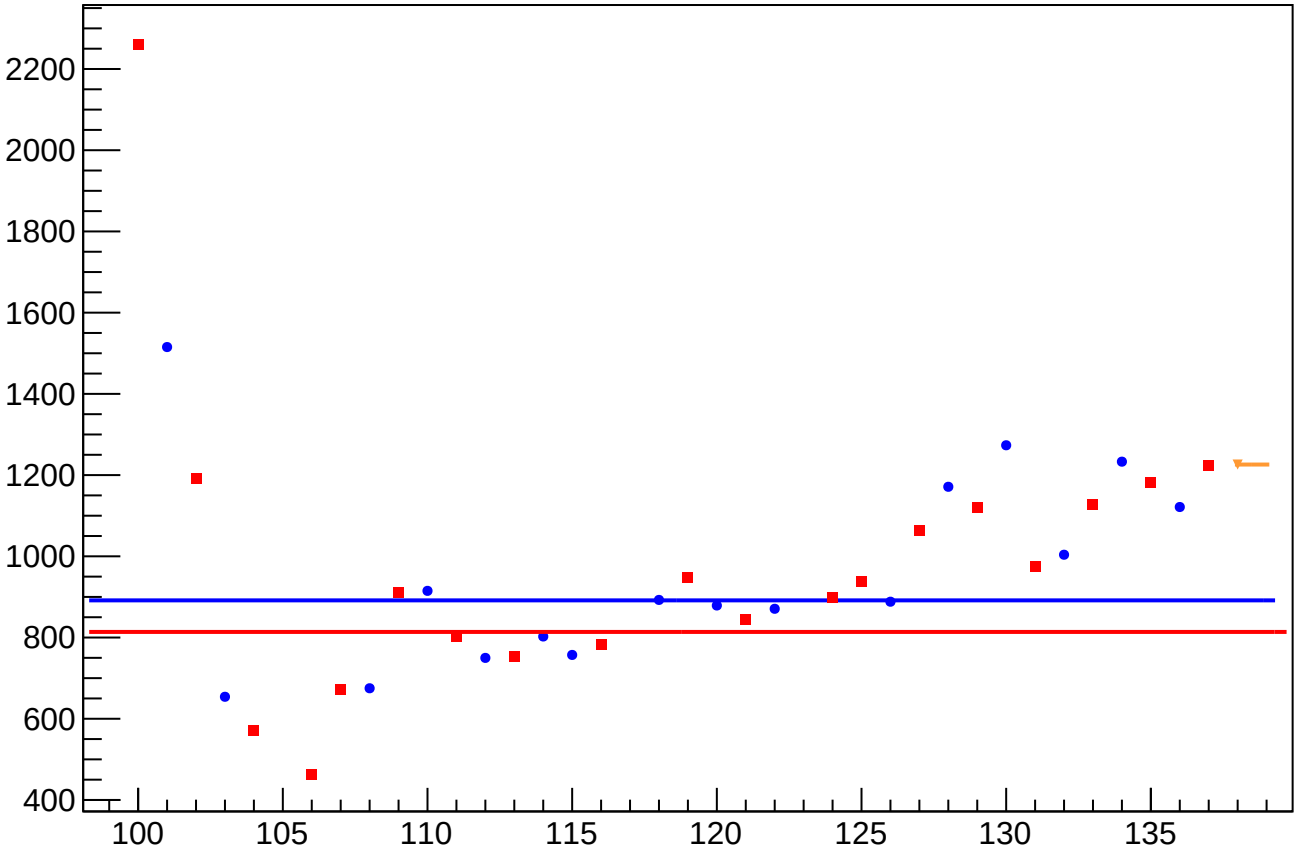
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -206.663+/-333.502 χ^2/NDF: 17.2/16

All: 34.795+/-229.288 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 891.533+/-0.243 χ^2/NDF: 793657.2/15

Left Out: 1225.986+/-0.990 χ^2/NDF:0.0/0

Right Out: 813.807+/-0.223 χ^2/NDF: 1052991.6/18

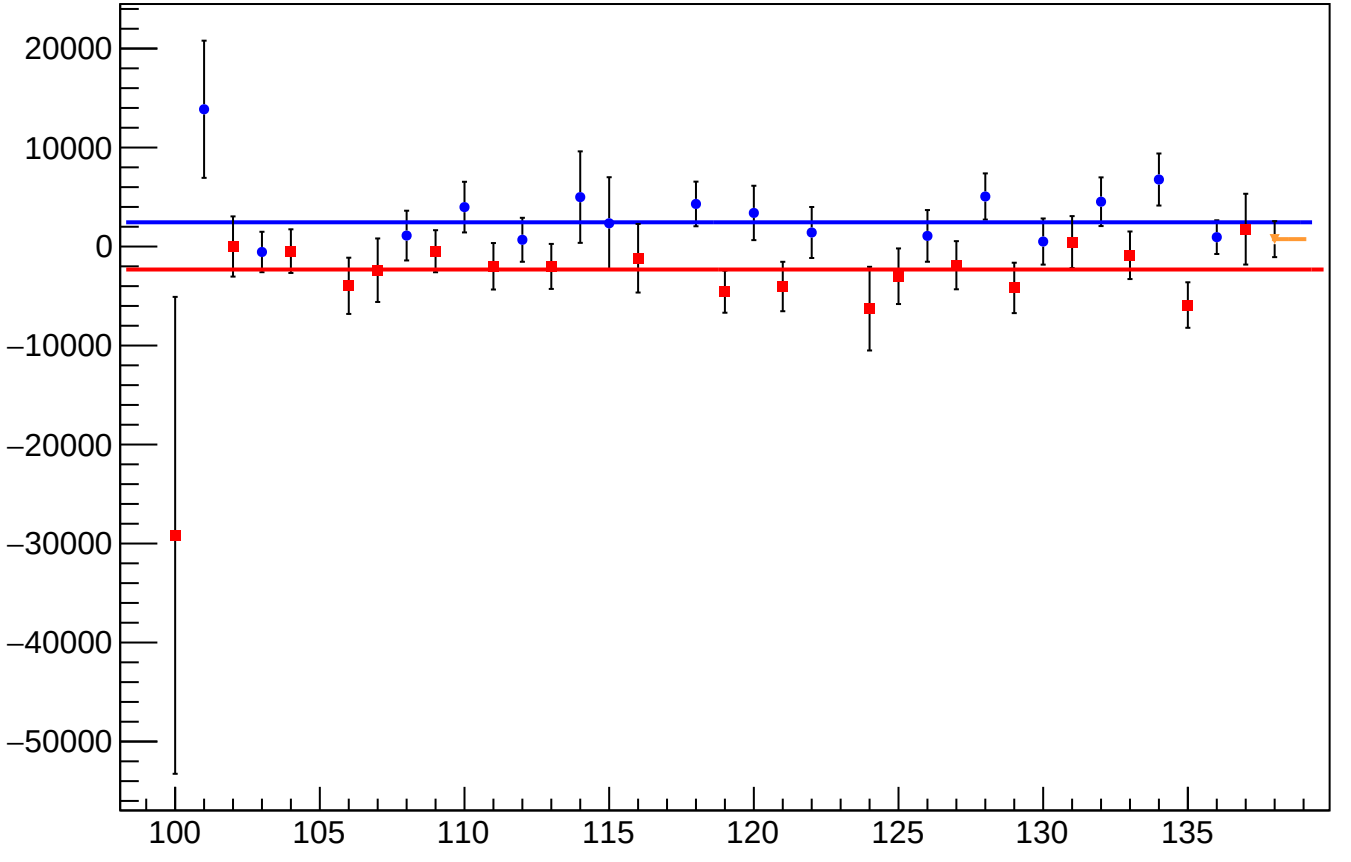
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 910.518+/-0.236 χ^2/NDF: 901355.7/16

All: 859.520+/-0.162 χ^2/NDF: 2043035.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2449.397+/-630.235 χ^2/NDF: 13.8/15

Left Out: 748.473+/-1818.231 χ^2/NDF:0.0/0

Right Out: -2320.575+/-609.657 χ^2/NDF: 12.1/18

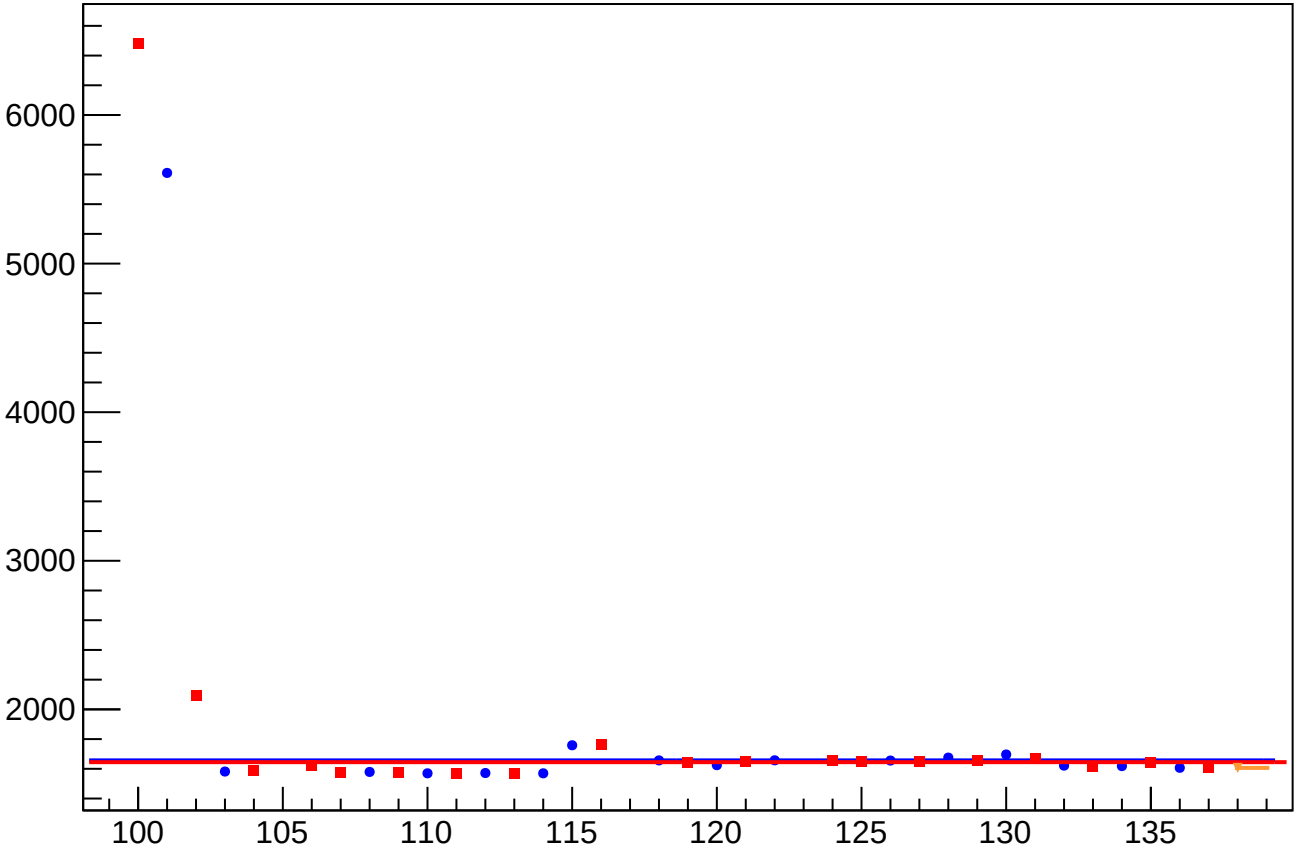
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2266.958+/-595.477 χ^2/NDF: 14.6/16

All: 27.161+/-425.991 χ^2/NDF: 55.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1656.683+/-0.446 χ^2/NDF: 666225.7/15

Left Out: 1606.222+/-1.286 χ^2/NDF:0.0/0

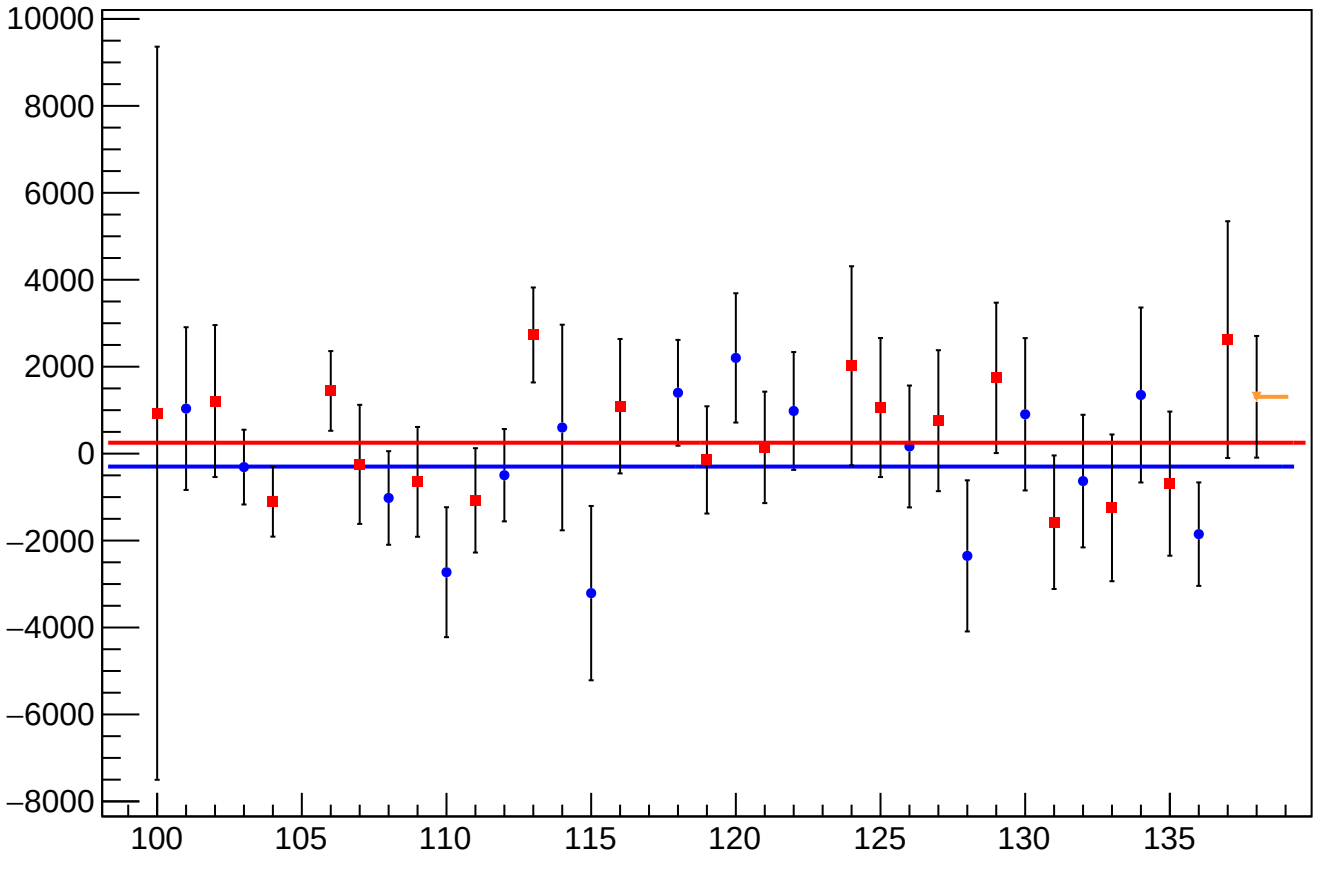
Right Out: 1644.733+/-0.431 χ^2/NDF: 136483.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1651.271+/-0.421 χ^2/NDF: 667600.9/16

All: 1648.079+/-0.301 χ^2/NDF: 804201.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -297.794+/-343.391 χ^2/NDF: 15.9/15

Left Out: 1307.595+/-1399.765 χ^2/NDF:0.0/0

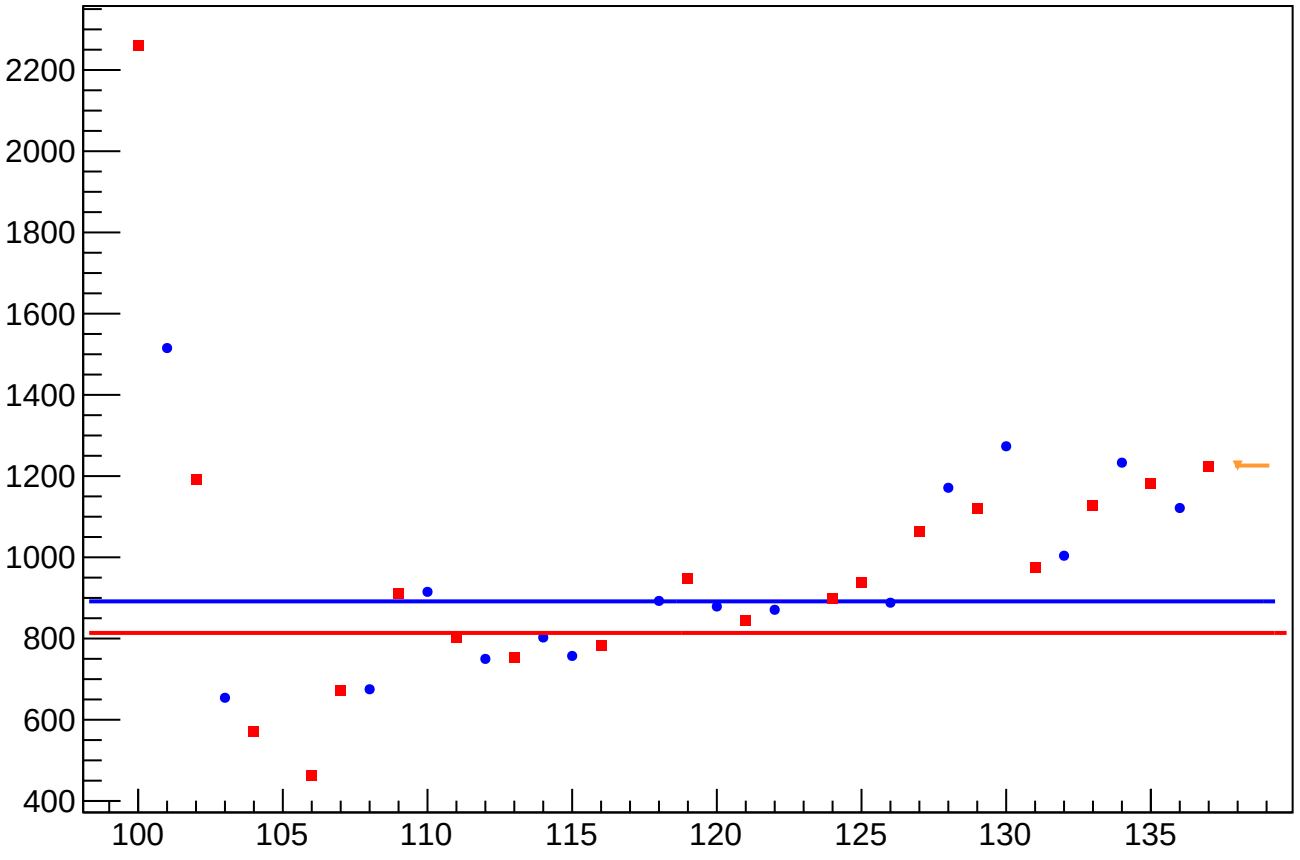
Right Out: 251.230+/-315.749 χ^2/NDF: 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -206.663+/-333.502 χ^2/NDF: 17.2/16

All: 34.795+/-229.288 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 891.533+/-0.243 χ^2/NDF: 793657.2/15

Left Out: 1225.986+/-0.990 χ^2/NDF:0.0/0

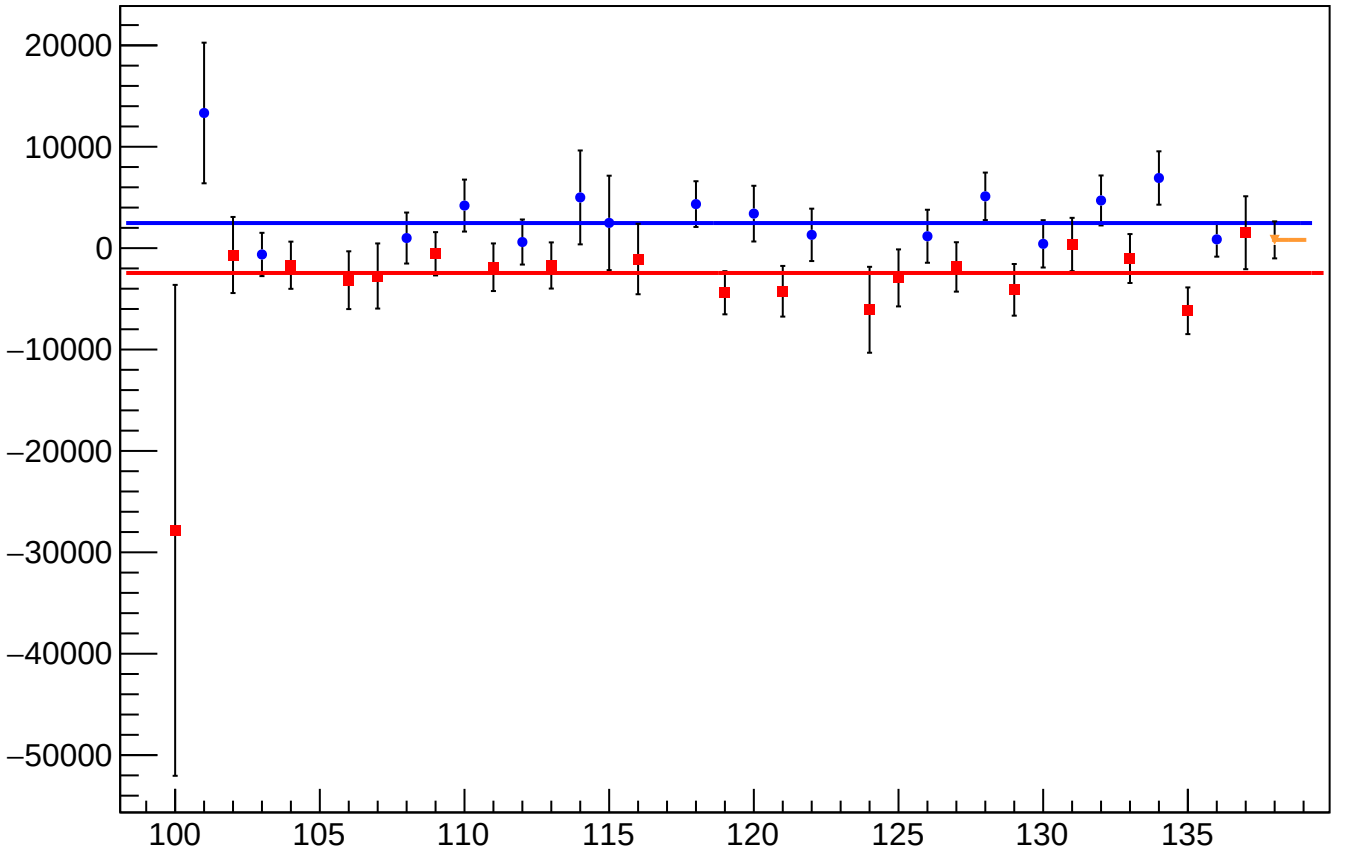
Right Out: 813.807+/-0.223 χ^2/NDF: 1052991.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 910.518+/-0.236 χ^2/NDF: 901355.7/16

All: 859.520+/-0.162 χ^2/NDF: 2043035.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2475.229+/-633.866 χ^2/NDF: 14.2/15

Left Out: 814.101+/-1824.120 χ^2/NDF:0.0/0

Right Out: -2449.053+/-617.532 χ^2/NDF: 10.6/18

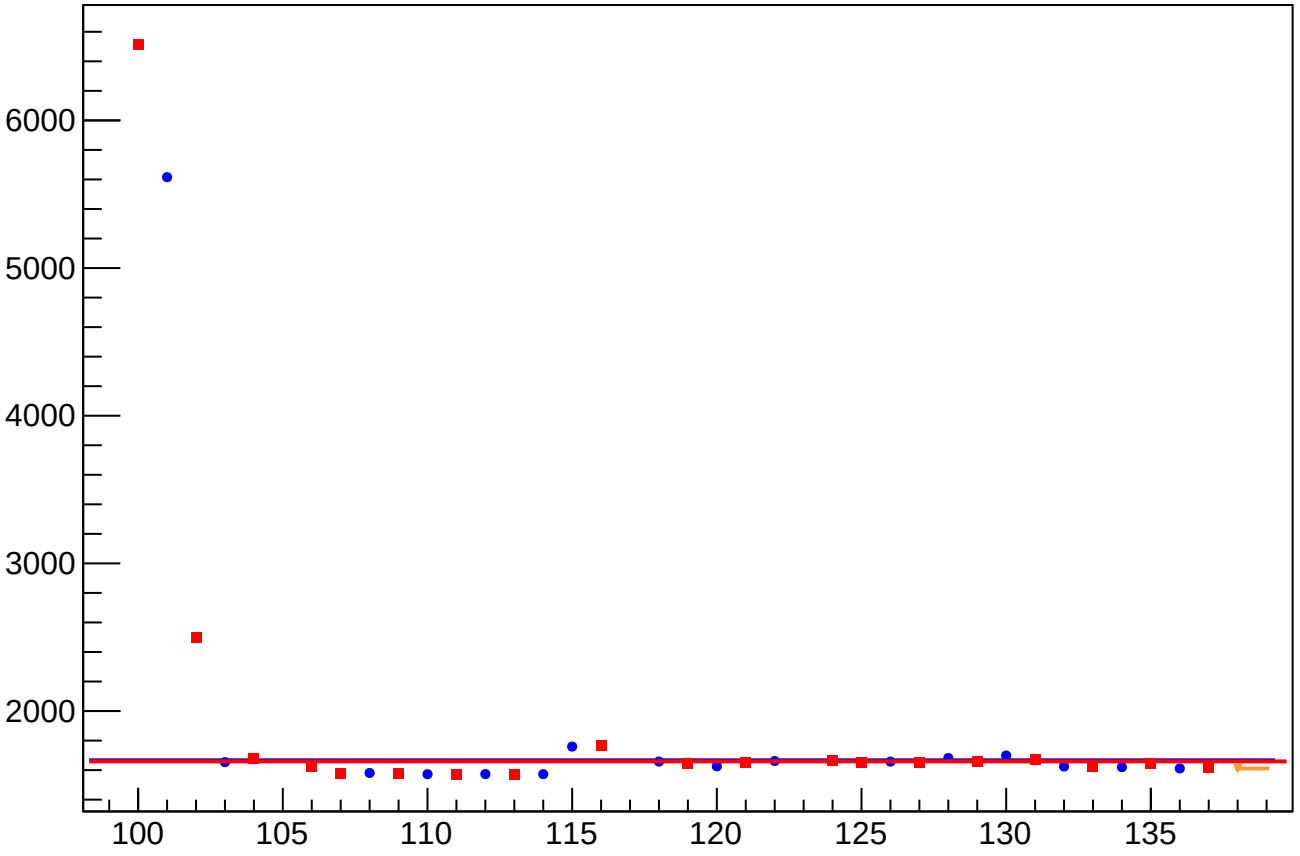
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2296.258+/-598.746 χ^2/NDF: 14.9/16

All: -3.123+/-429.866 χ^2/NDF: 55.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1666.400+/-0.448 χ^2/NDF: 662914.5/15

Left Out: 1611.419+/-1.290 χ^2/NDF:0.0/0

Right Out: 1659.005+/-0.437 χ^2/NDF: 193223.7/18

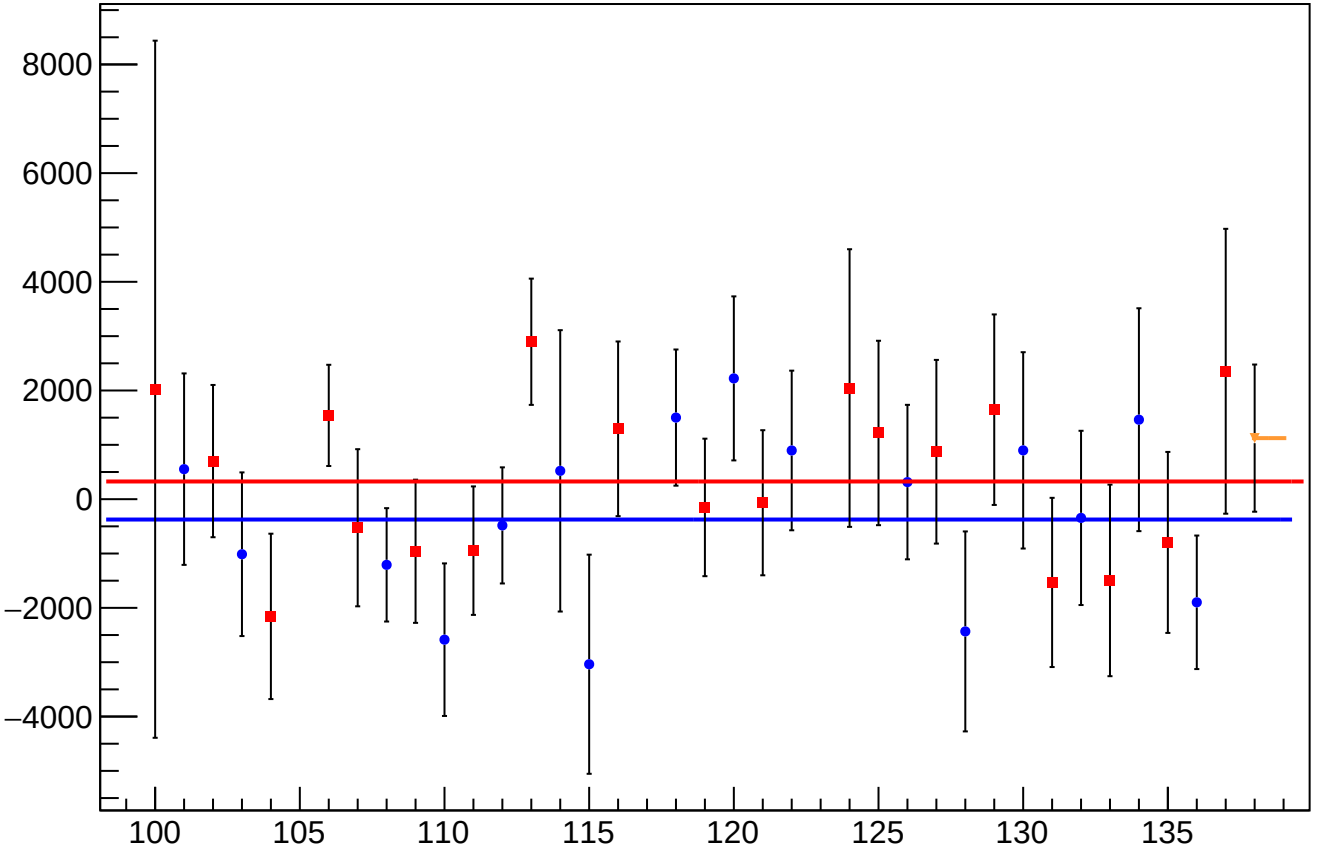
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1660.476+/-0.423 χ^2/NDF: 664535.7/16

All: 1659.763+/-0.304 χ^2/NDF: 857765.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -374.592+/-367.944 χ^2/NDF: 15.7/15

Left Out: 1123.524+/-1354.230 χ^2/NDF:0.0/0

Right Out: 325.671+/-340.620 χ^2/NDF: 17.4/18

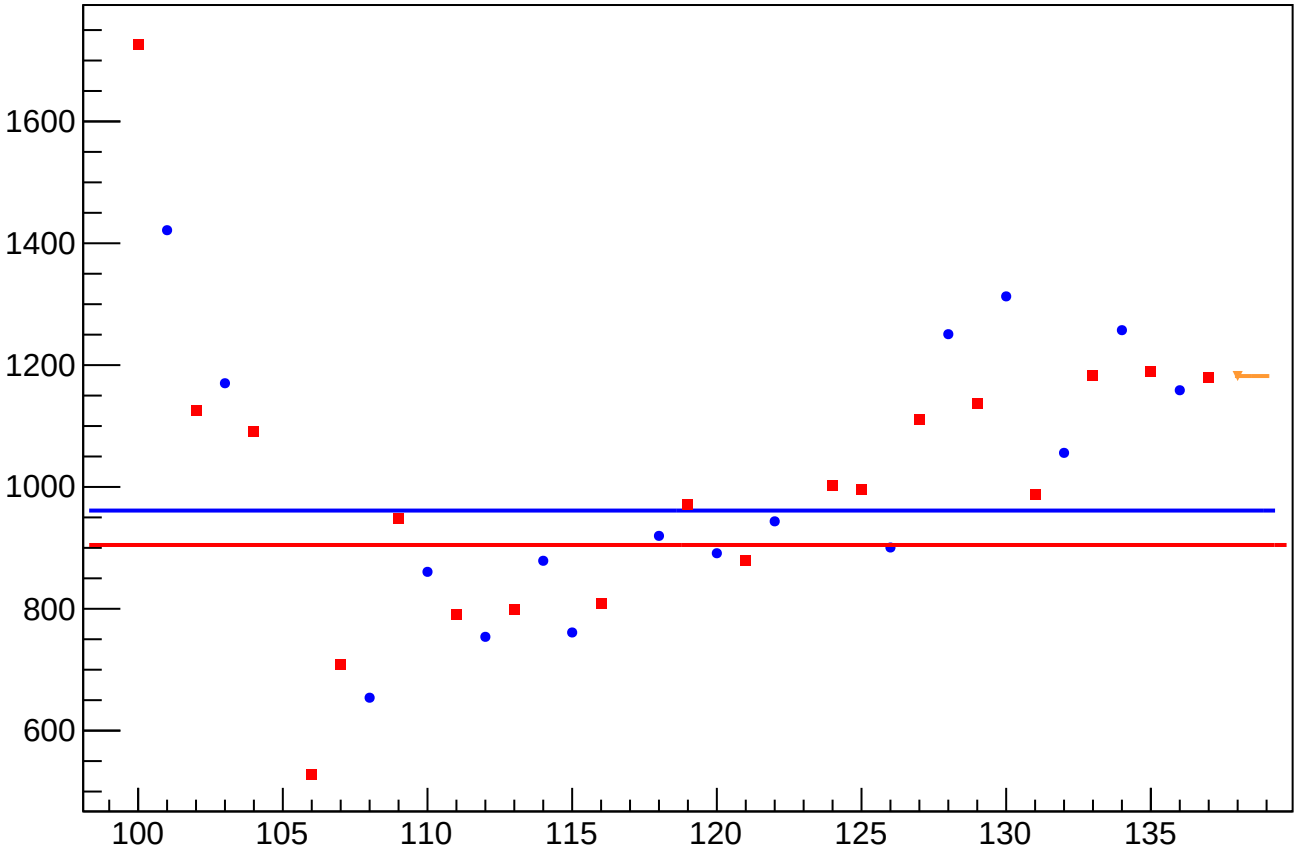
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -271.602+/-355.072 χ^2/NDF: 16.9/16

All: 39.436+/-245.805 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 961.243+/-0.260 χ^2/NDF: 691875.4/15

Left Out: 1182.059+/-0.958 χ^2/NDF:0.0/0

Right Out: 904.736+/-0.241 χ^2/NDF: 736484.7/18

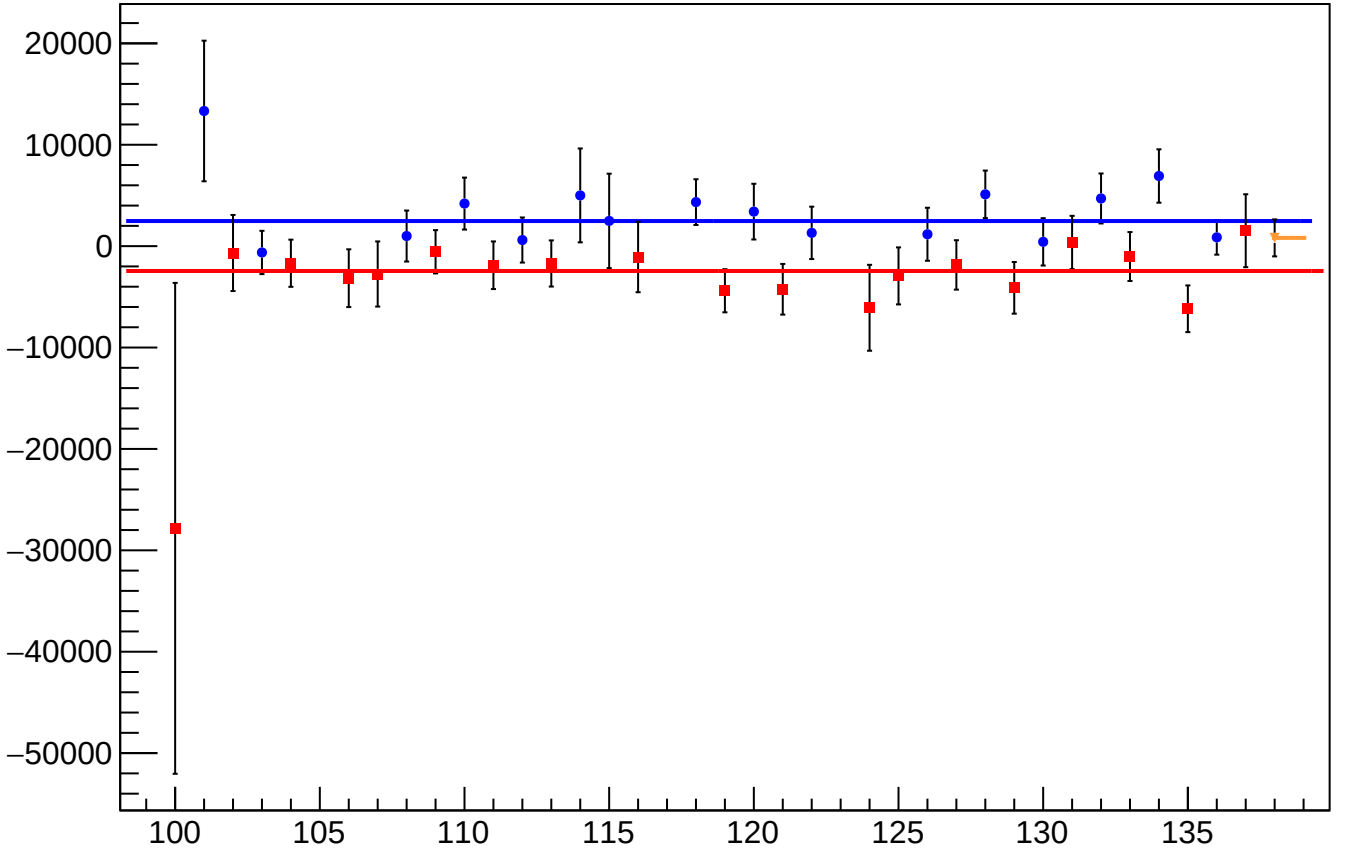
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 976.423+/-0.251 χ^2/NDF: 741394.9/16

All: 939.091+/-0.174 χ^2/NDF: 1520333.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2475.228+/-633.866 χ^2/NDF: 14.2/15

Left Out: 814.103+/-1824.120 χ^2/NDF:0.0/0

Right Out: -2449.053+/-617.532 χ^2/NDF: 10.6/18

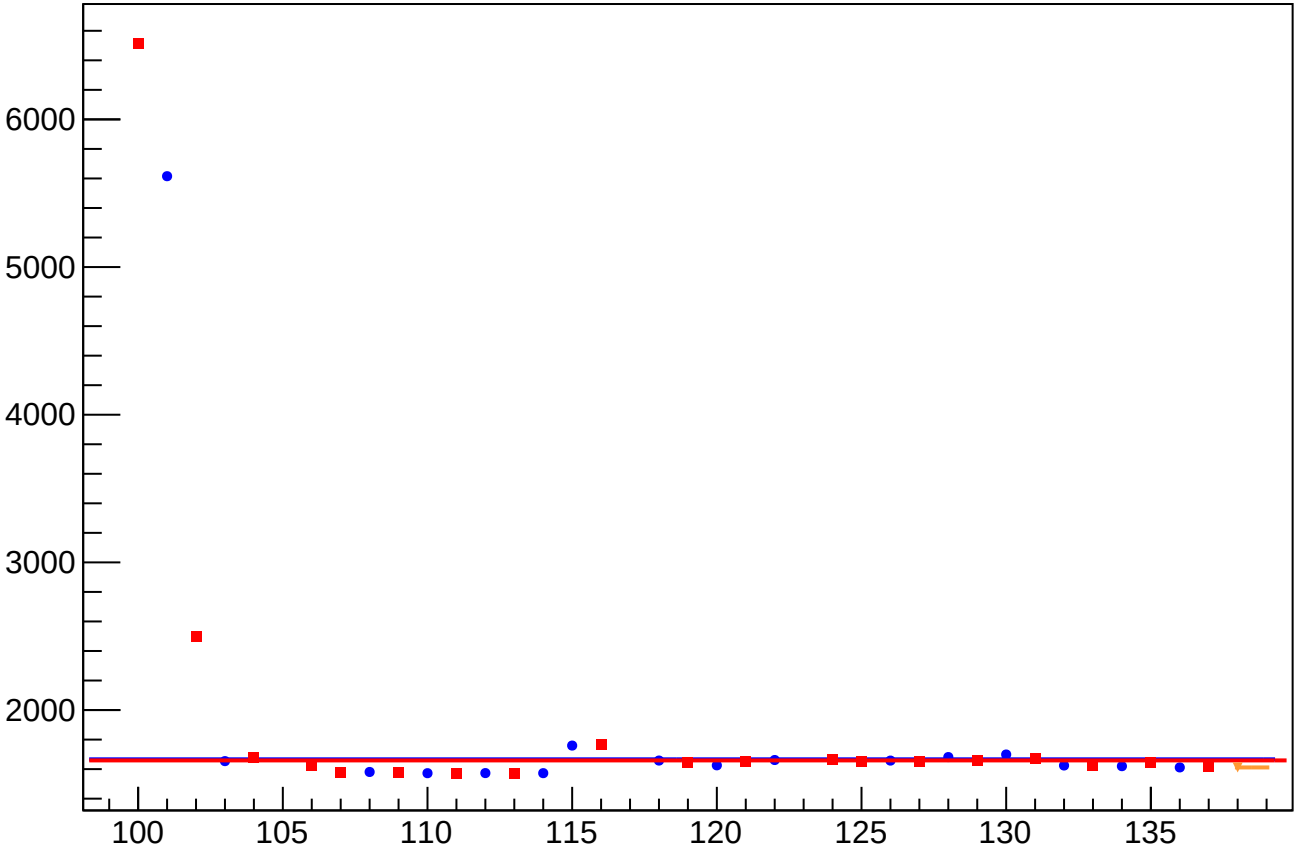
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2296.258+/-598.746 χ^2/NDF: 14.9/16

All: -3.123+/-429.865 χ^2/NDF: 55.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1666.400+/-0.448 χ^2/NDF: 662914.5/15

Left Out: 1611.419+/-1.290 χ^2/NDF:0.0/0

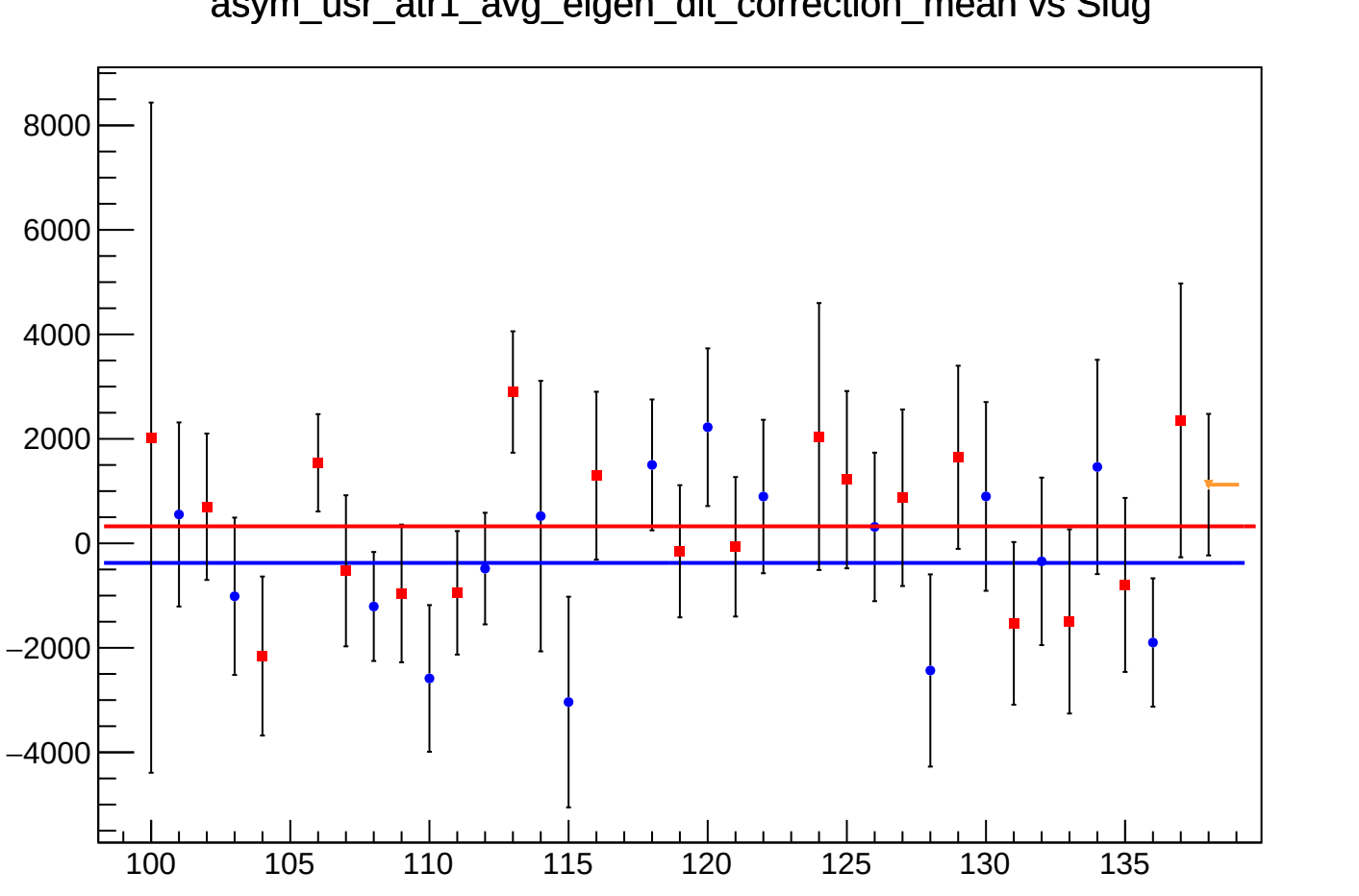
Right Out: 1659.004+/-0.437 χ^2/NDF: 193223.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1660.476+/-0.423 χ^2/NDF: 664535.7/16

All: 1659.763+/-0.304 χ^2/NDF: 857765.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -374.590+/-367.943 χ^2/NDF: 15.7/15

Left Out: 1123.526+/-1354.233 χ^2/NDF:0.0/0

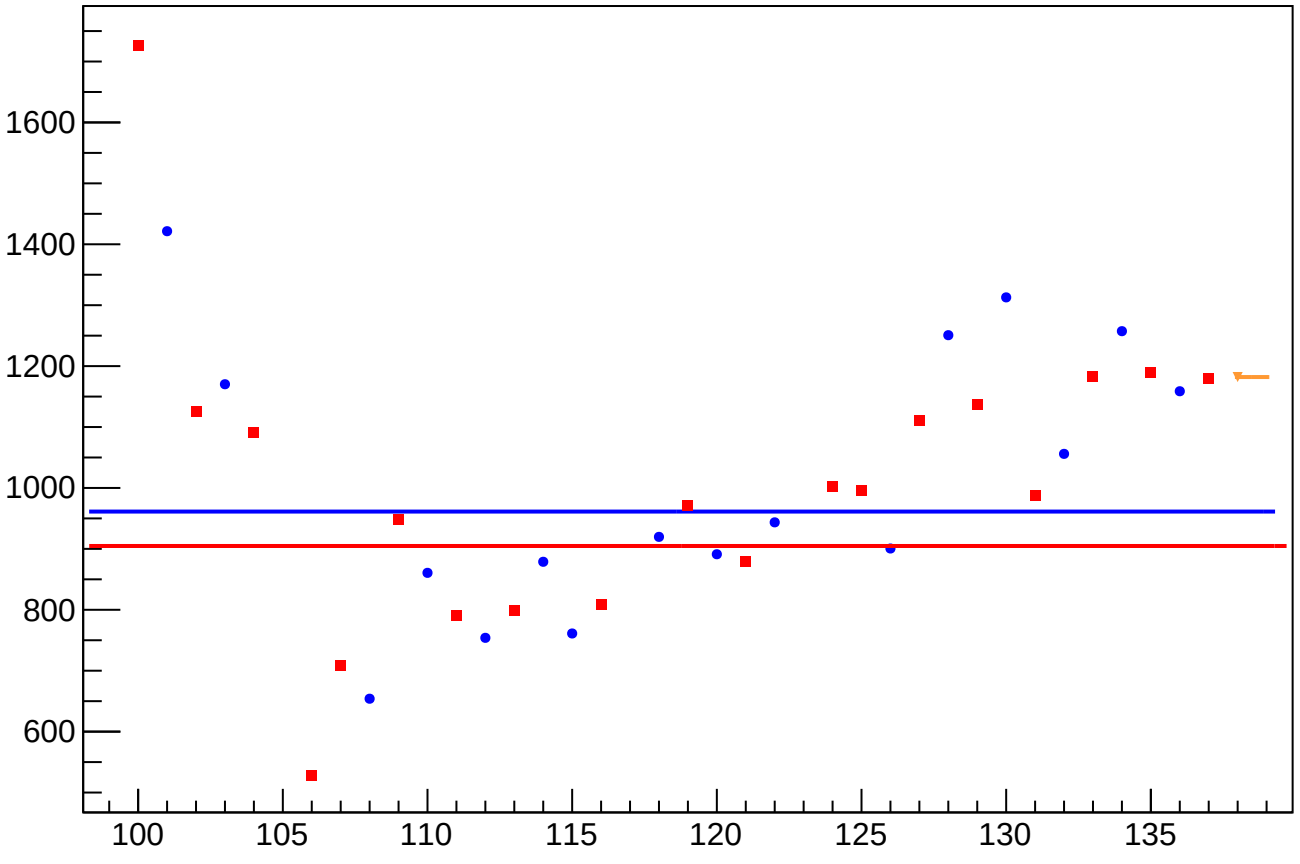
Right Out: 325.670+/-340.619 χ^2/NDF: 17.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -271.602+/-355.071 χ^2/NDF: 16.9/16

All: 39.436+/-245.804 χ^2/NDF: 35.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 961.239+/-0.260 χ^2/NDF: 691883.4/15

Left Out: 1182.062+/-0.958 χ^2/NDF:0.0/0

Right Out: 904.734+/-0.241 χ^2/NDF: 736482.2/18

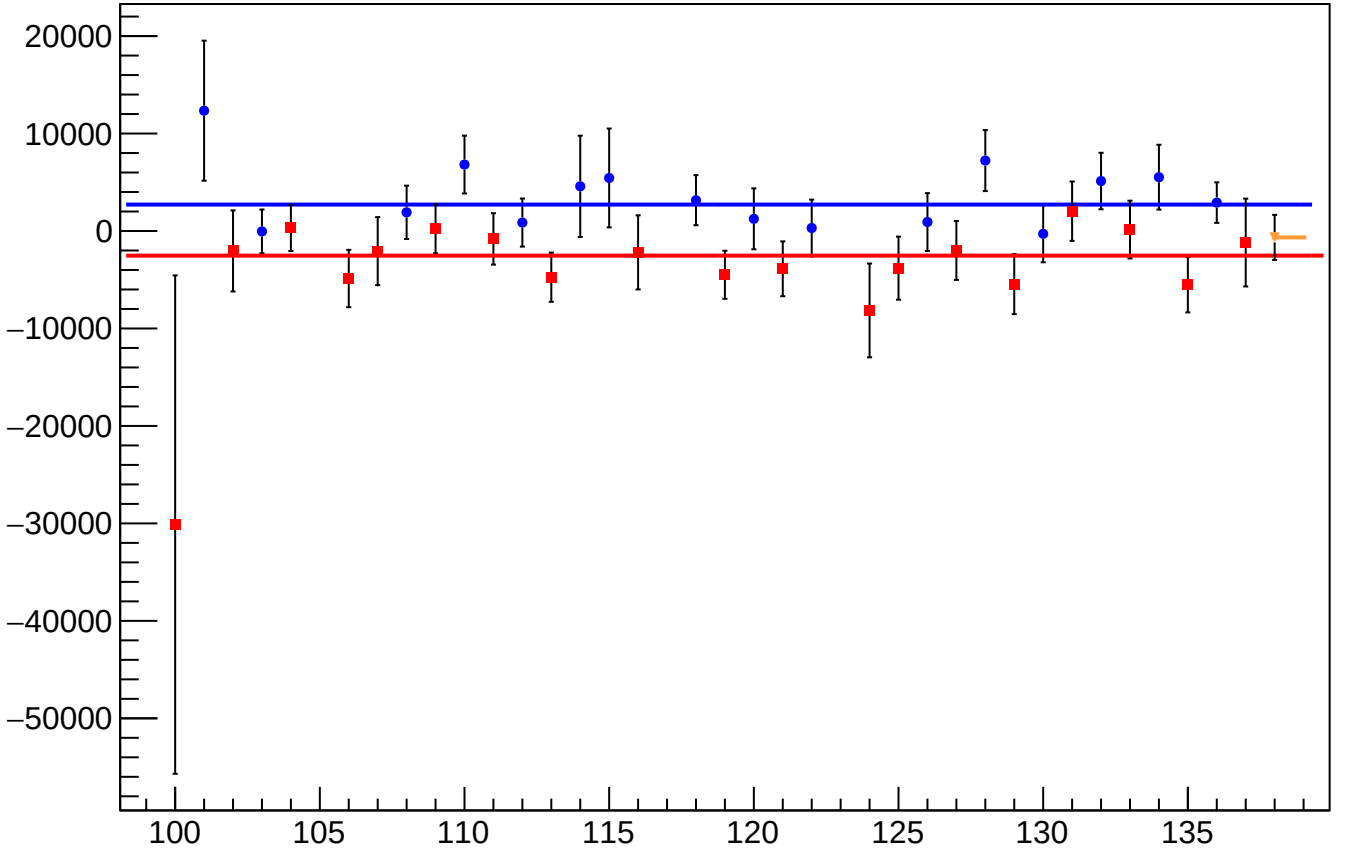
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 976.419+/-0.251 χ^2/NDF: 741405.7/16

All: 939.088+/-0.174 χ^2/NDF: 1520340.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2711.394+/-735.088 χ^2/NDF: 12.1/15

Left Out: -657.354+/-2313.257 χ^2/NDF:0.0/0

Right Out: -2525.536+/-706.449 χ^2/NDF: 13.2/18

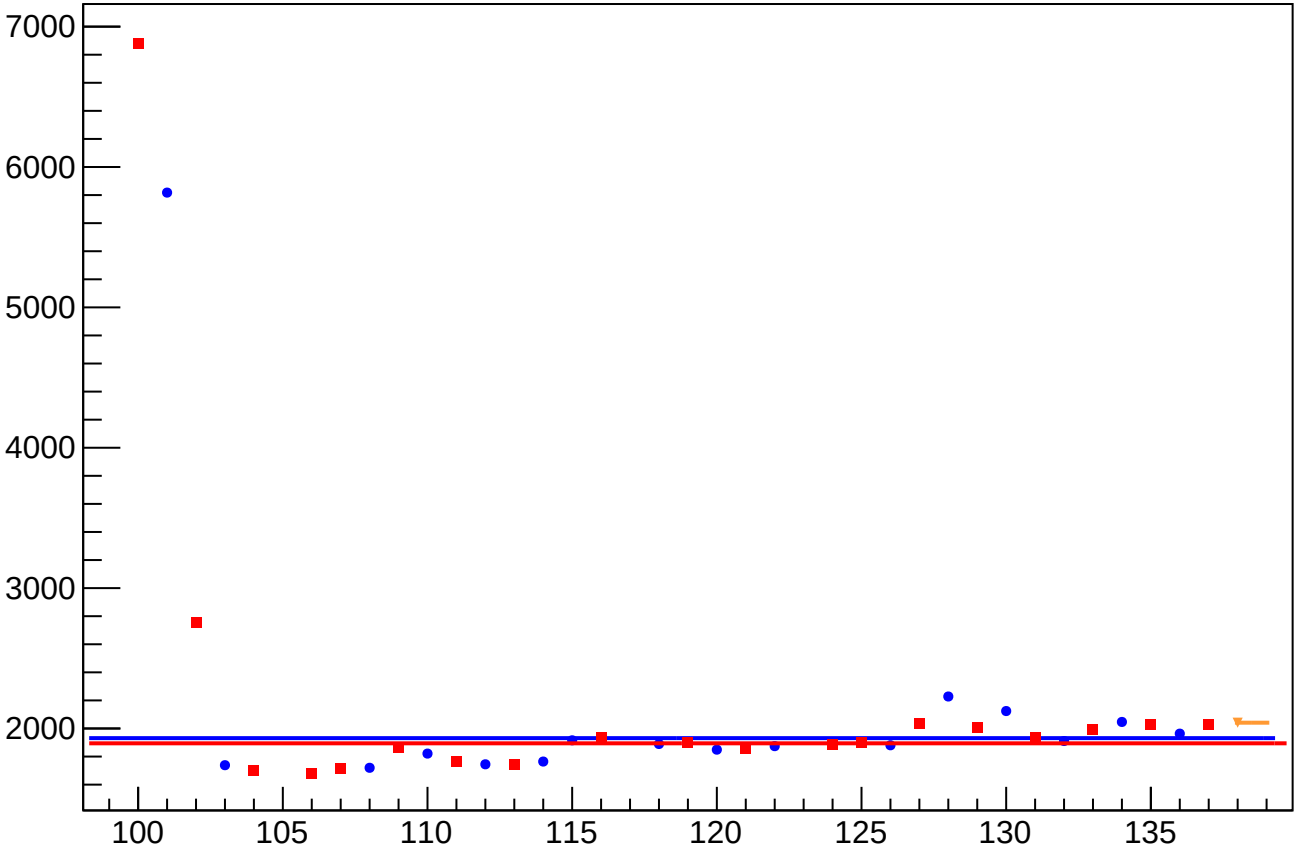
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2402.421+/-700.568 χ^2/NDF: 14.1/16

All: -40.958+/-497.442 χ^2/NDF: 51.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1931.250+/-0.520 χ^2/NDF: 661227.1/15

Left Out: 2041.293+/-1.636 χ^2/NDF:0.0/0

Right Out: 1894.349+/-0.500 χ^2/NDF: 220541.1/18

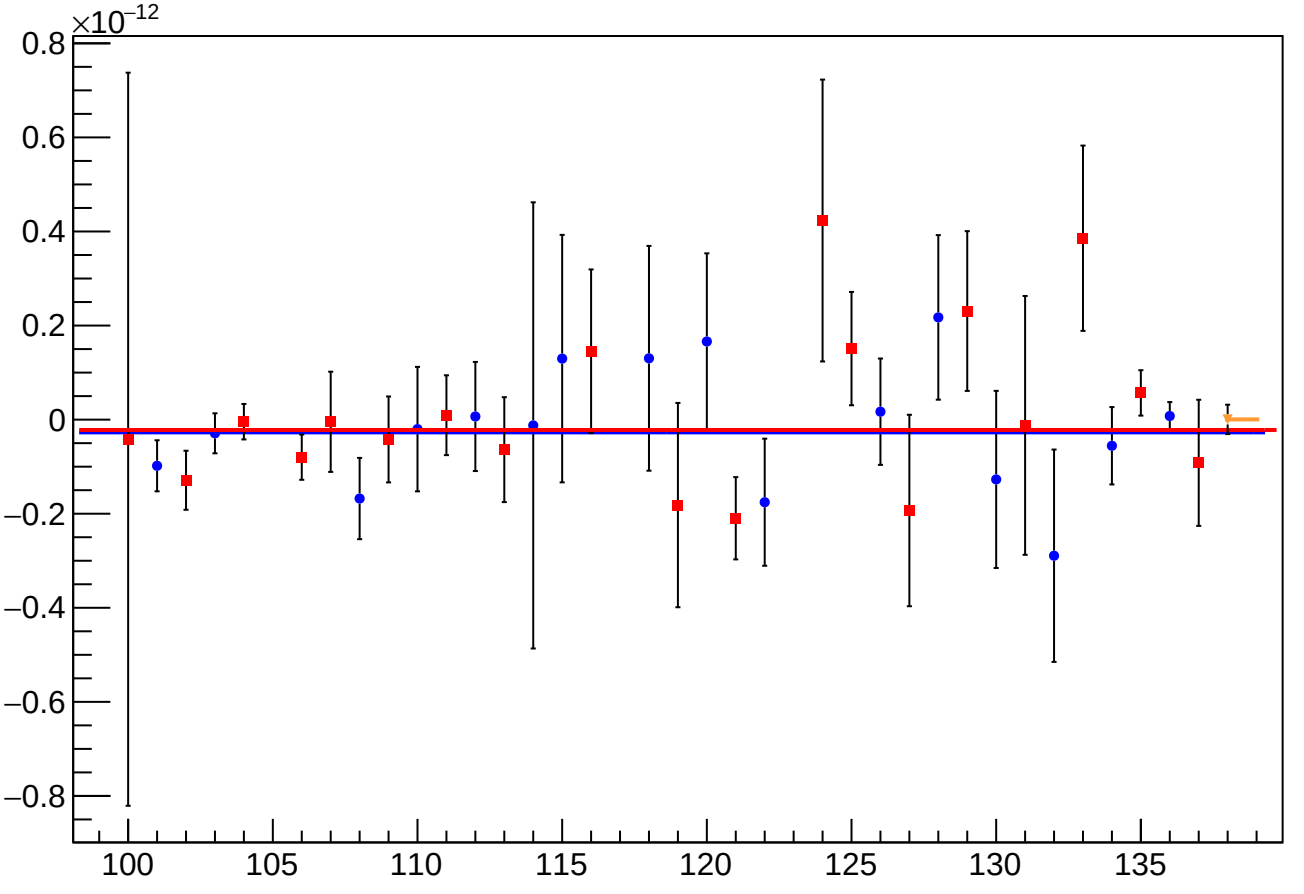
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1941.343+/-0.495 χ^2/NDF: 665337.9/16

All: 1918.042+/-0.352 χ^2/NDF: 890341.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 12.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

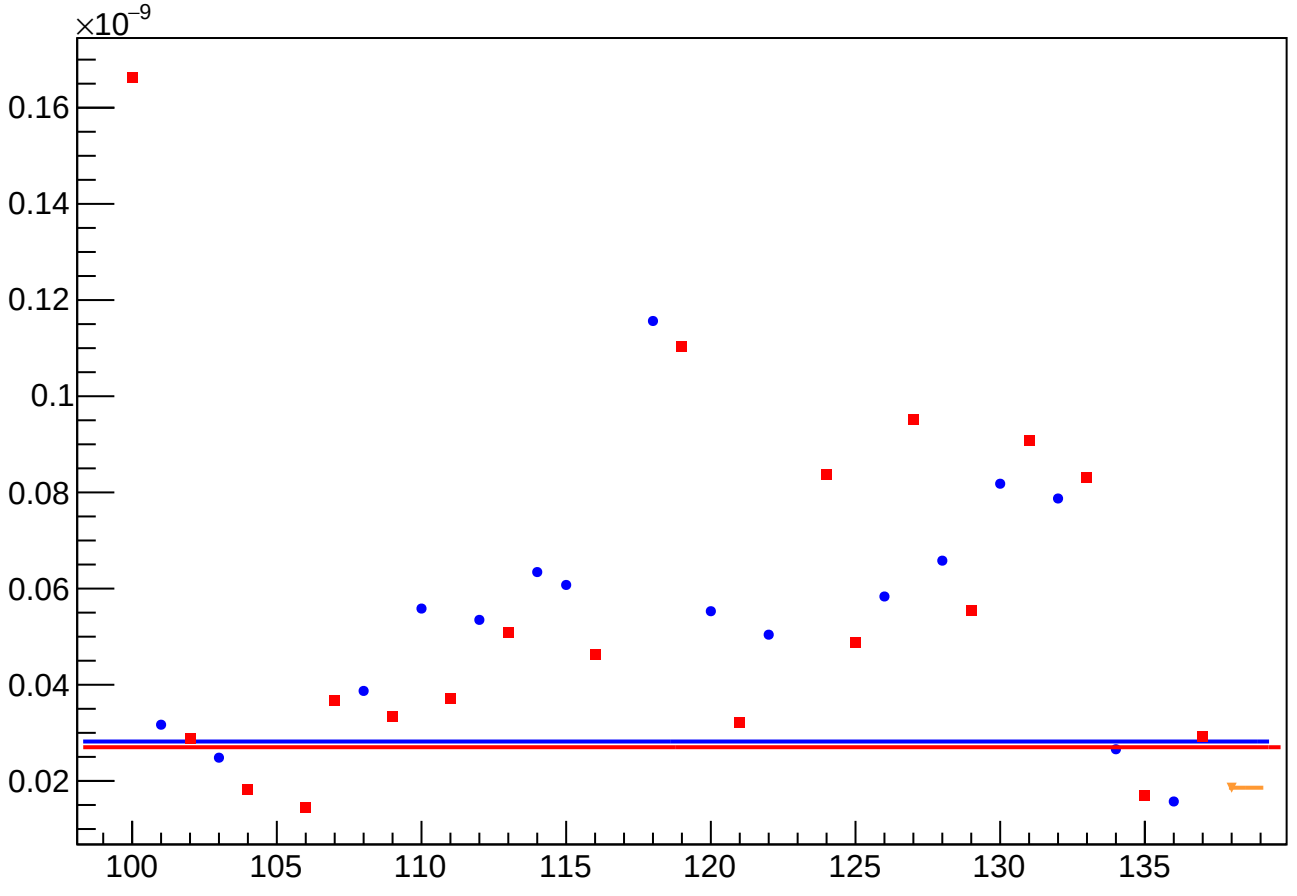
Right Out: -0.000+/-0.000 χ^2/NDF: 25.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.3/16

All: -0.000+/-0.000 χ^2/NDF: 38.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1490571.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1556165.9/18

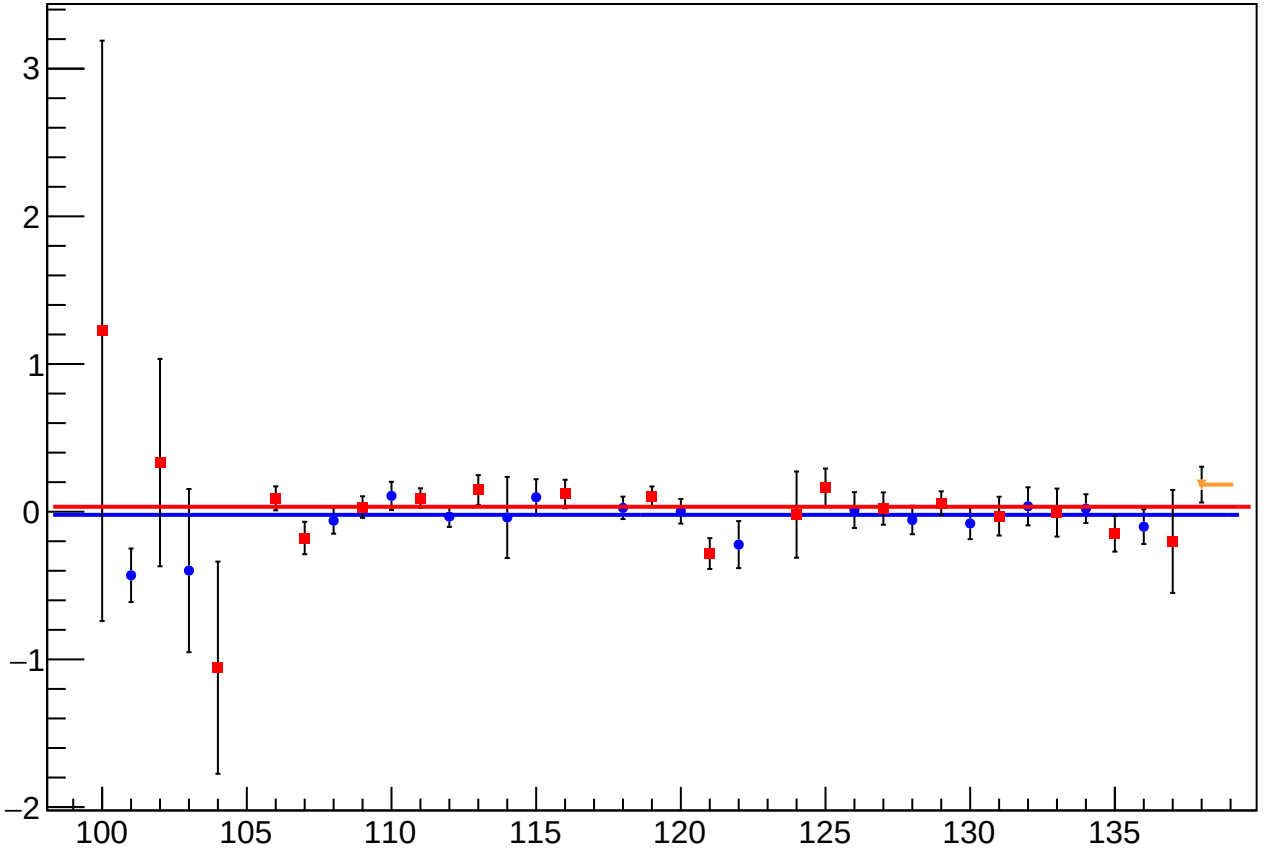
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1628183.8/16

All: 0.000+/-0.000 χ^2/NDF: 3190831.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.021+/-0.027 χ^2/NDF: 12.0/15

Left Out: 0.183+/-0.121 χ^2/NDF:0.0/0

Right Out: 0.033+/-0.025 χ^2/NDF: 24.4/18

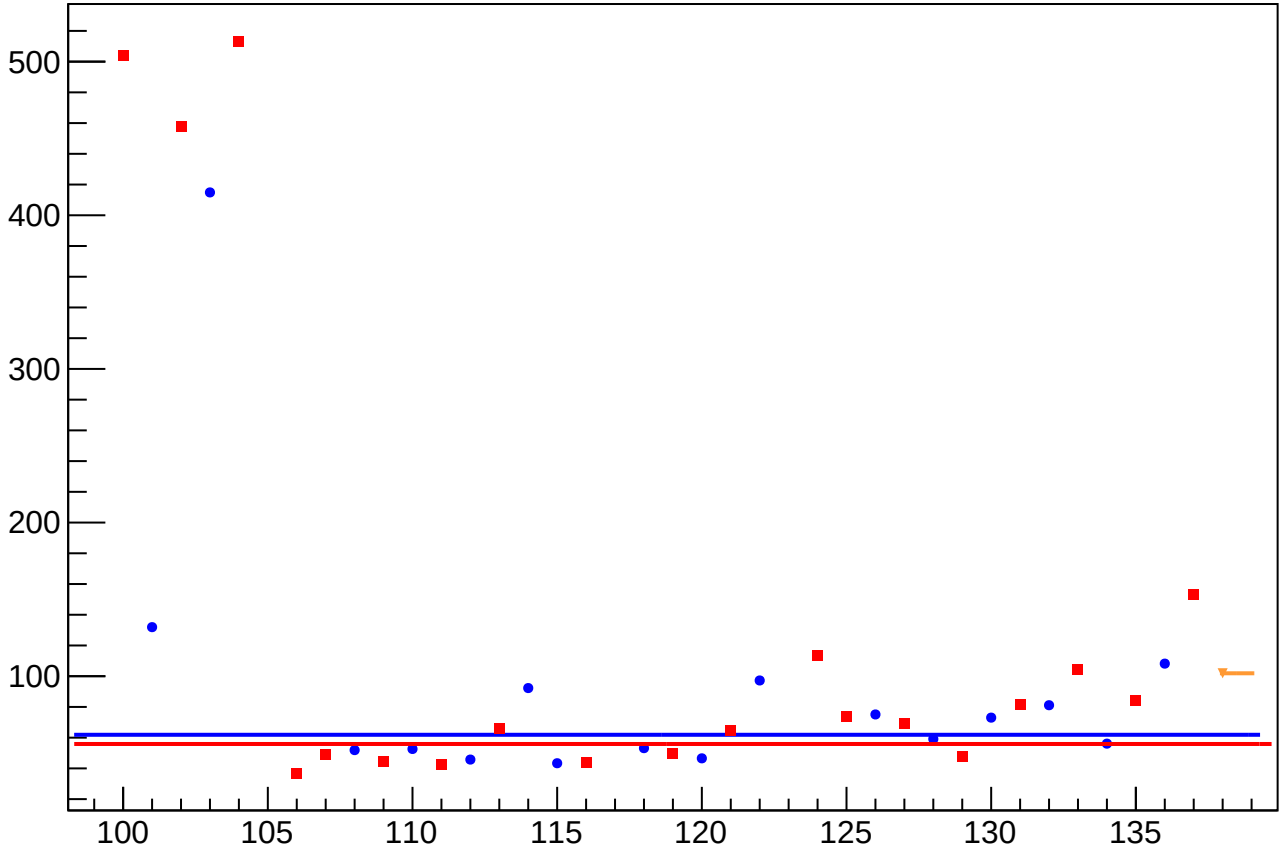
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.026 χ^2/NDF: 14.7/16

All: 0.012+/-0.018 χ^2/NDF: 40.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 61.876+/-0.019 χ^2/NDF: 1937953.9/15

Left Out: 101.901+/-0.086 χ^2/NDF:0.0/0

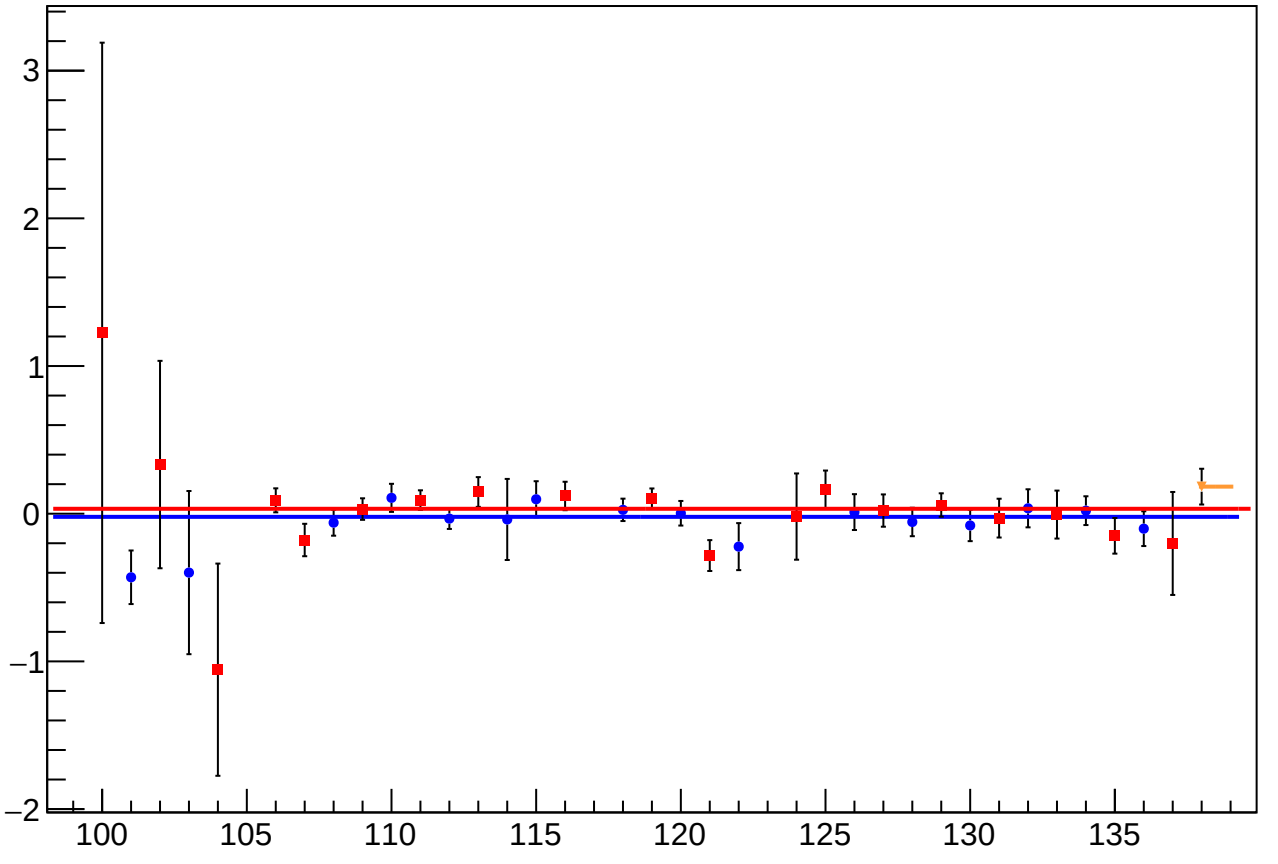
Right Out: 55.887+/-0.017 χ^2/NDF: 2591275.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 63.713+/-0.018 χ^2/NDF: 2146478.9/16

All: 59.590+/-0.013 χ^2/NDF: 4833655.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.027 χ^2/NDF: 12.0/15

Left Out: 0.183+/-0.121 χ^2/NDF:0.0/0

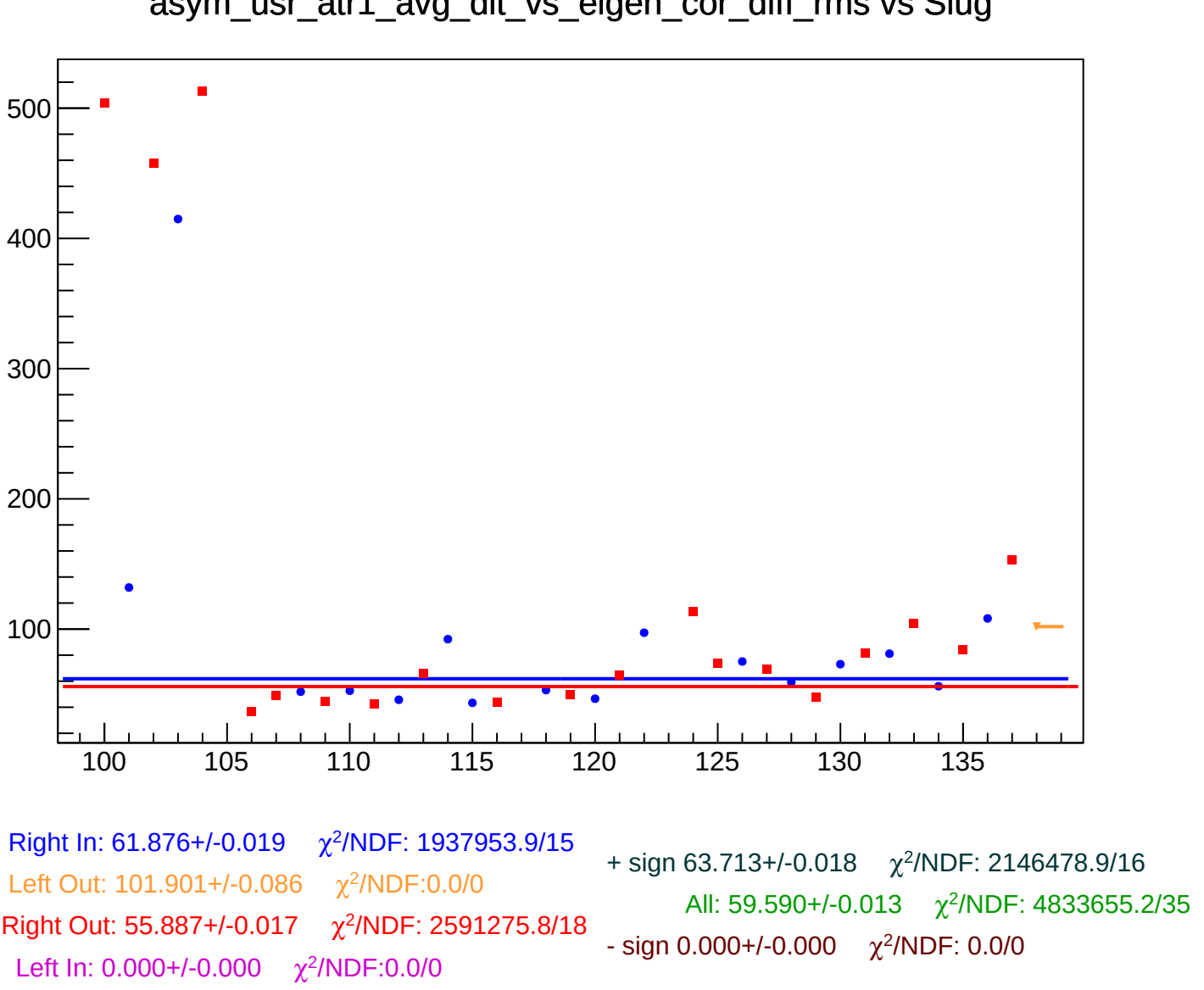
Right Out: 0.033+/-0.025 χ^2/NDF: 24.4/18

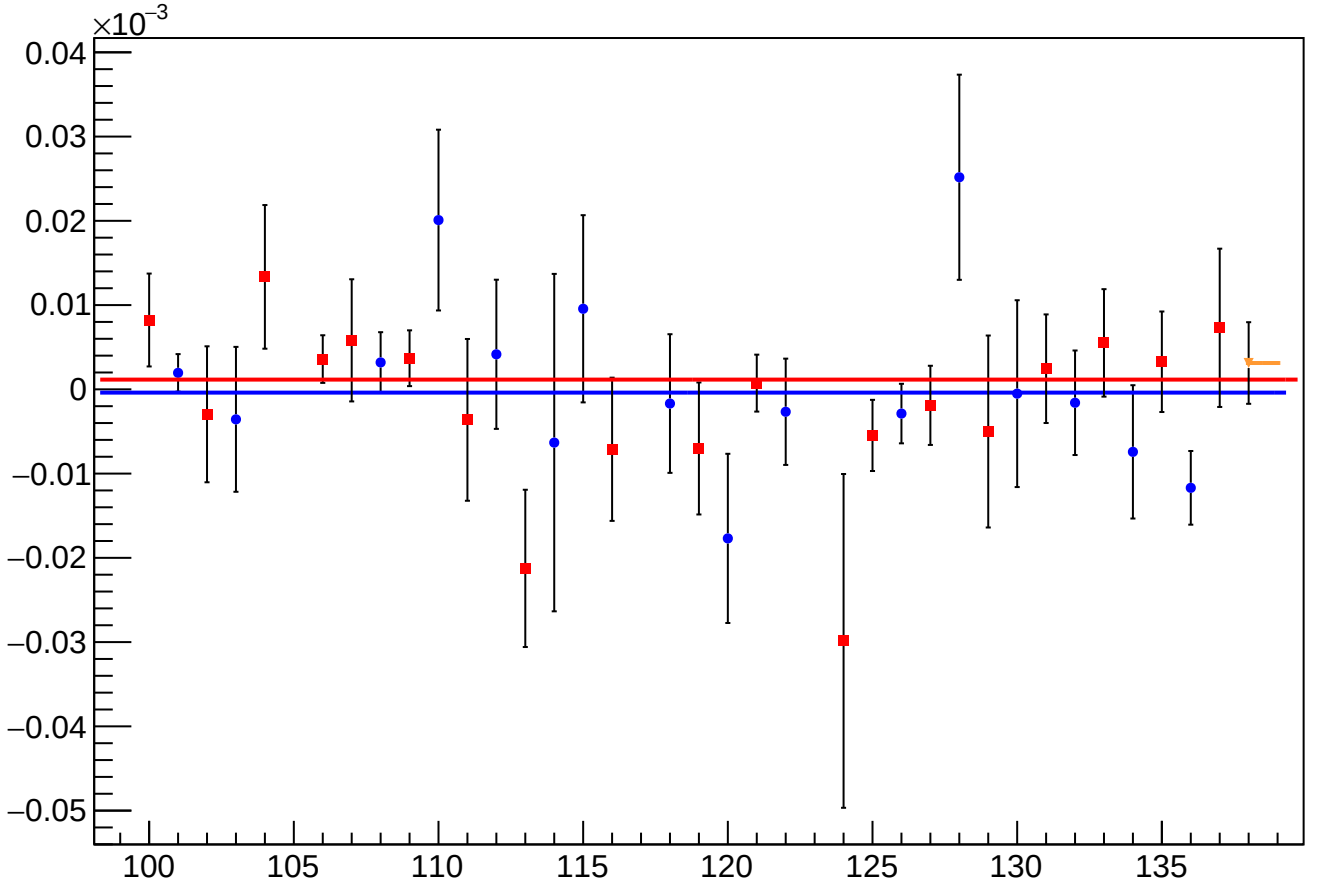
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.012+/-0.026 χ^2/NDF: 14.7/16

All: 0.012+/-0.018 χ^2/NDF: 40.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug
500
400
300
200
100
100
105
110
115
120
125
130
135
Right In: 61.876+/-0.019 χ²/NDF: 1937953.9/15
Left Out: 101.901+/-0.086 χ²/NDF:0.0/0
Right Out: 55.887+/-0.017 χ²/NDF: 2591275.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 63.713+/-0.018 χ²/NDF: 2146478.9/16
All: 59.590+/-0.013 χ²/NDF: 4833655.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

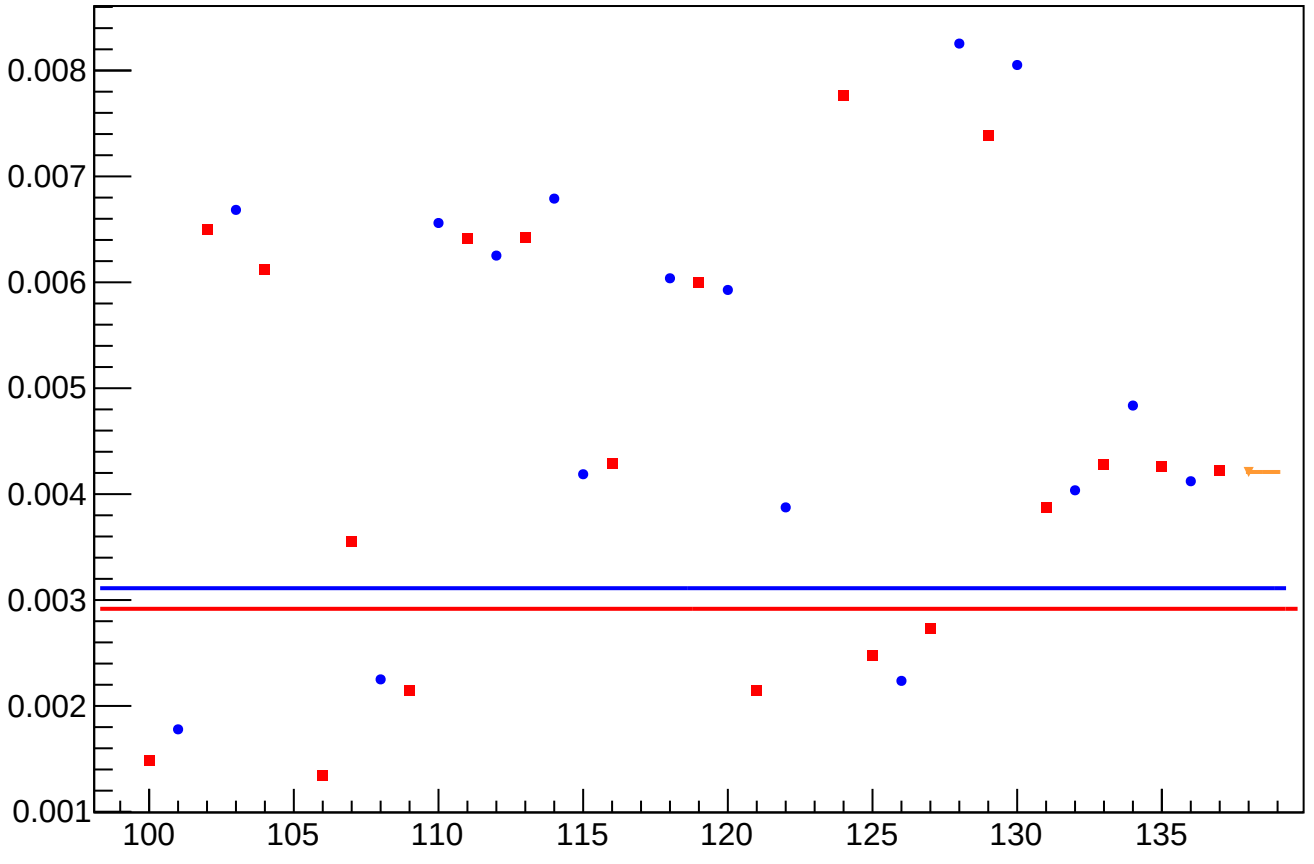
Right Out: 0.000+/-0.000 χ^2/NDF: 20.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 23.1/16

All: 0.000+/-0.000 χ^2/NDF: 44.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.000 χ^2/NDF: 3283915.1/15

Left Out: 0.004+/-0.000 χ^2/NDF:0.0/0

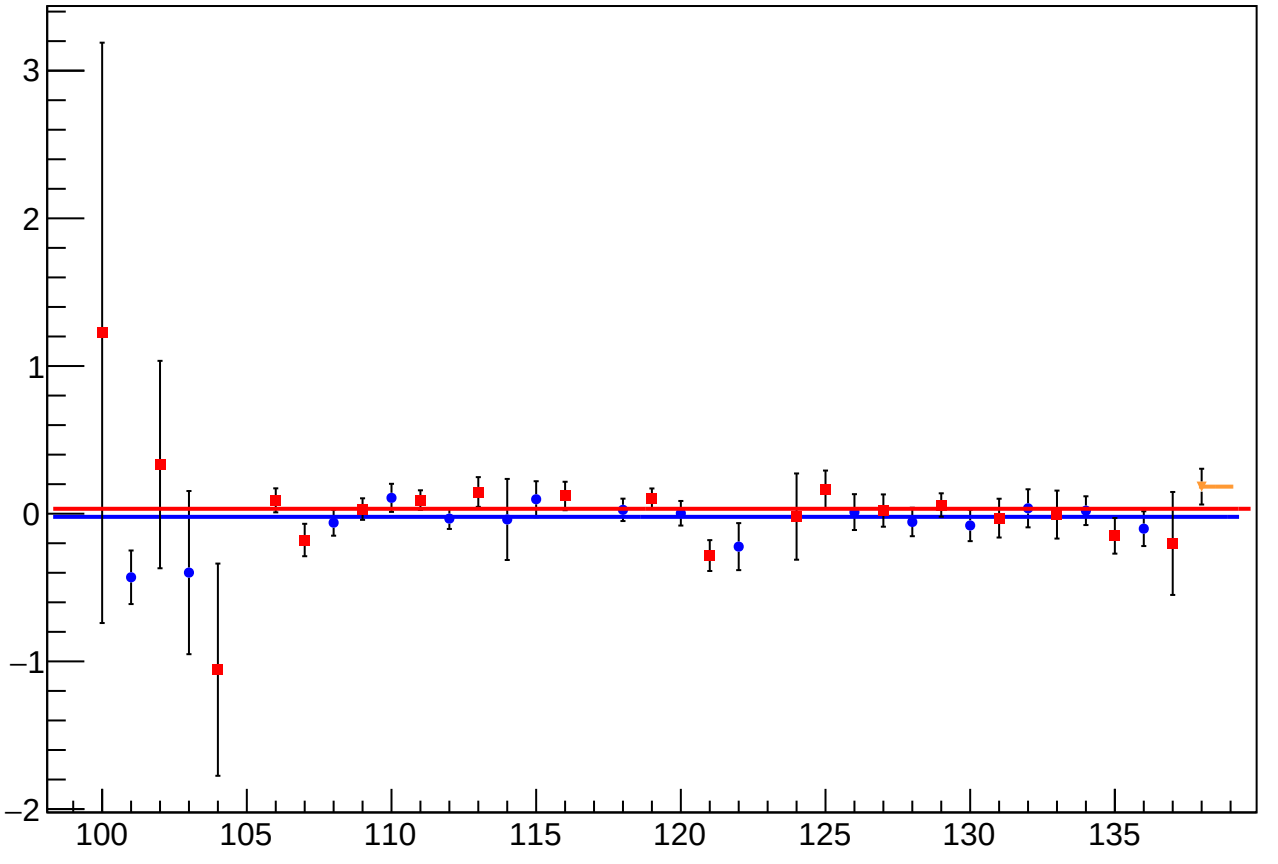
Right Out: 0.003+/-0.000 χ^2/NDF: 3295506.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 3379384.3/16

All: 0.003+/-0.000 χ^2/NDF: 6720773.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.027 χ^2/NDF: 12.0/15

Left Out: 0.183+/-0.121 χ^2/NDF:0.0/0

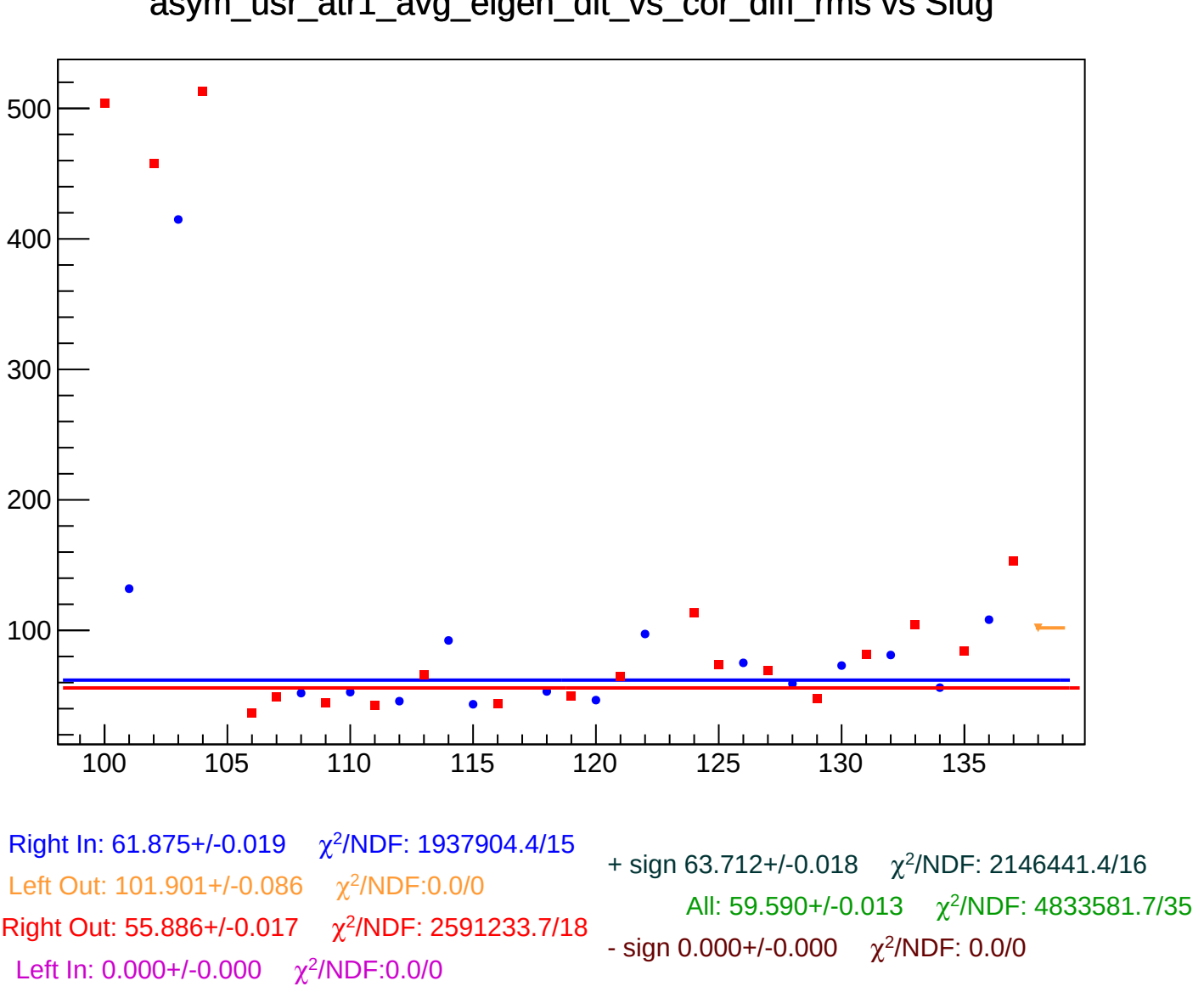
Right Out: 0.033+/-0.025 χ^2/NDF: 24.4/18

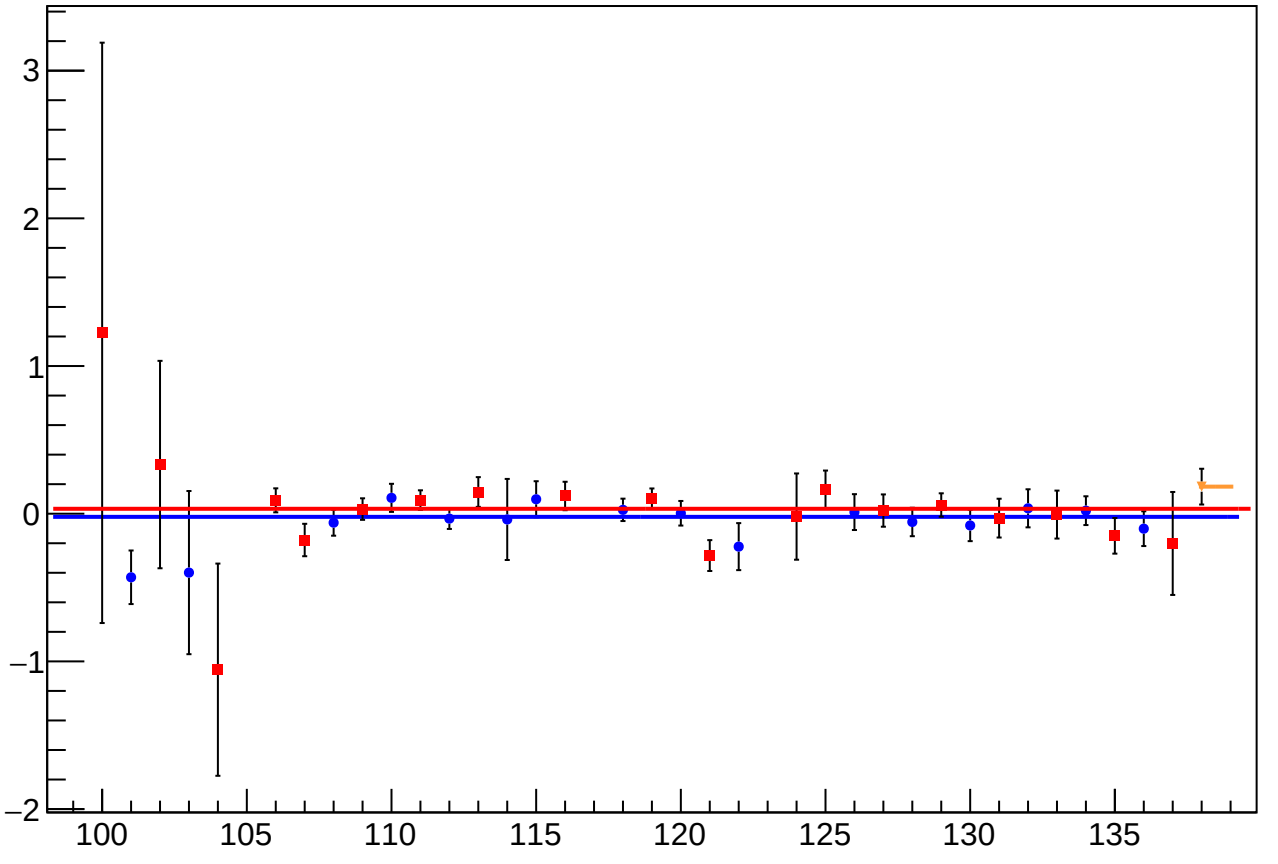
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.026 χ^2/NDF: 14.7/16

All: 0.012+/-0.018 χ^2/NDF: 40.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug
500
400
300
200
100
100
105
110
115
120
125
130
135
Right In: 61.875+/-0.019 χ²/NDF: 1937904.4/15
Left Out: 101.901+/-0.086 χ²/NDF:0.0/0
Right Out: 55.886+/-0.017 χ²/NDF: 2591233.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 63.712+/-0.018 χ²/NDF: 2146441.4/16
All: 59.590+/-0.013 χ²/NDF: 4833581.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.021+/-0.027 χ^2/NDF: 12.0/15

Left Out: 0.183+/-0.121 χ^2/NDF:0.0/0

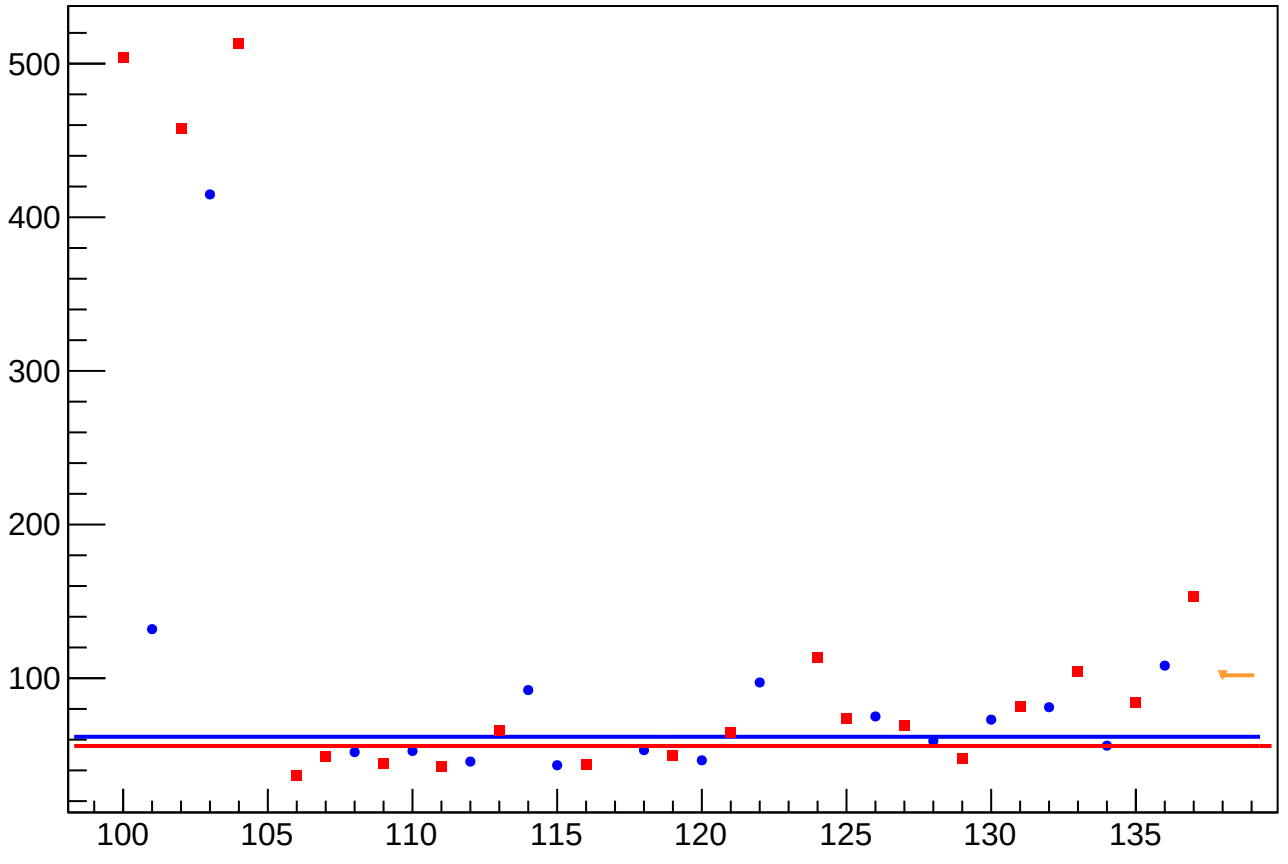
Right Out: 0.033+/-0.025 χ^2/NDF: 24.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.012+/-0.026 χ^2/NDF: 14.7/16

All: 0.012+/-0.018 χ^2/NDF: 40.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 61.875+/-0.019 χ^2/NDF: 1937904.4/15

Left Out: 101.901+/-0.086 χ^2/NDF:0.0/0

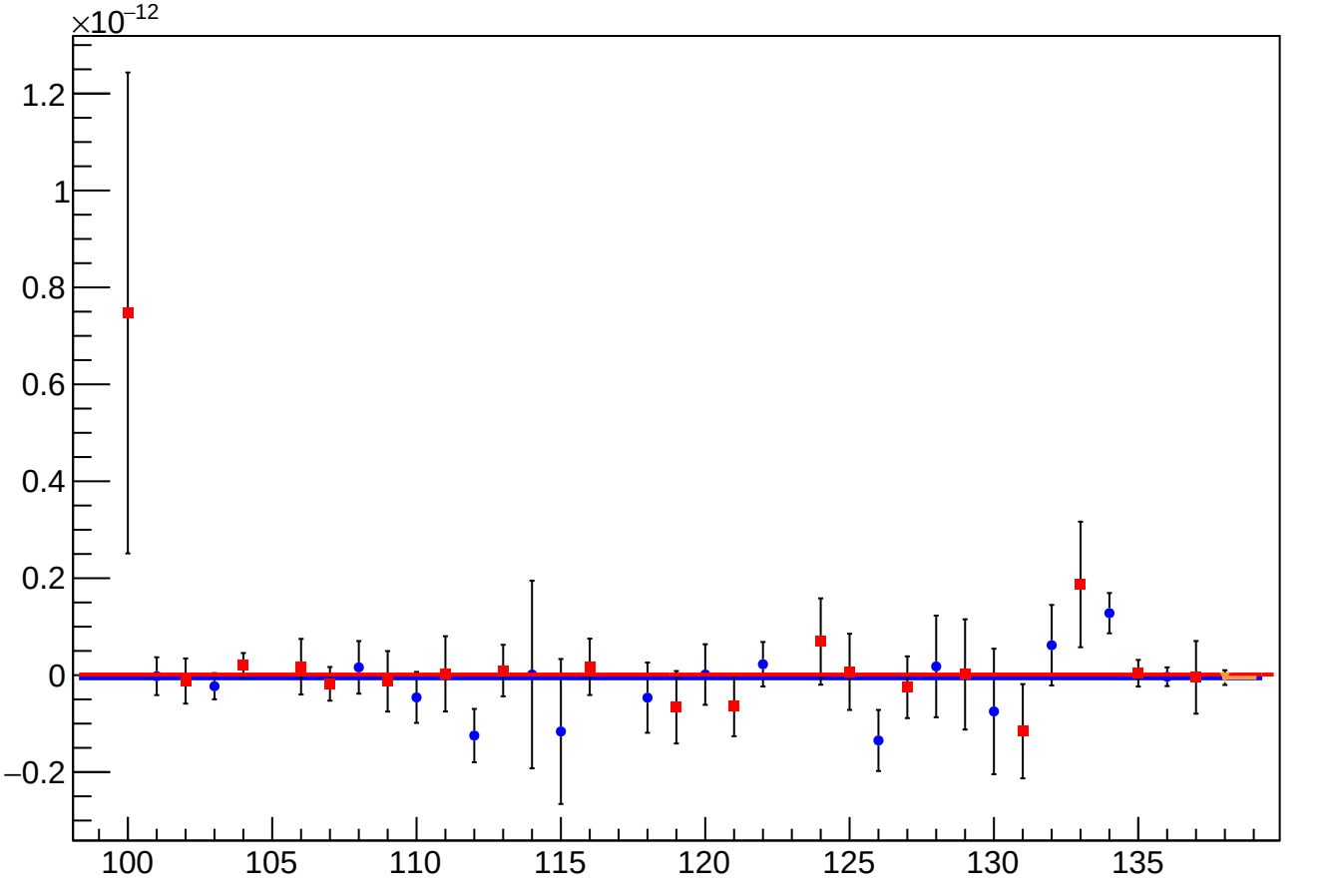
Right Out: 55.886+/-0.017 χ^2/NDF: 2591233.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 63.712+/-0.018 χ^2/NDF: 2146441.4/16

All: 59.590+/-0.013 χ^2/NDF: 4833581.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 22.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

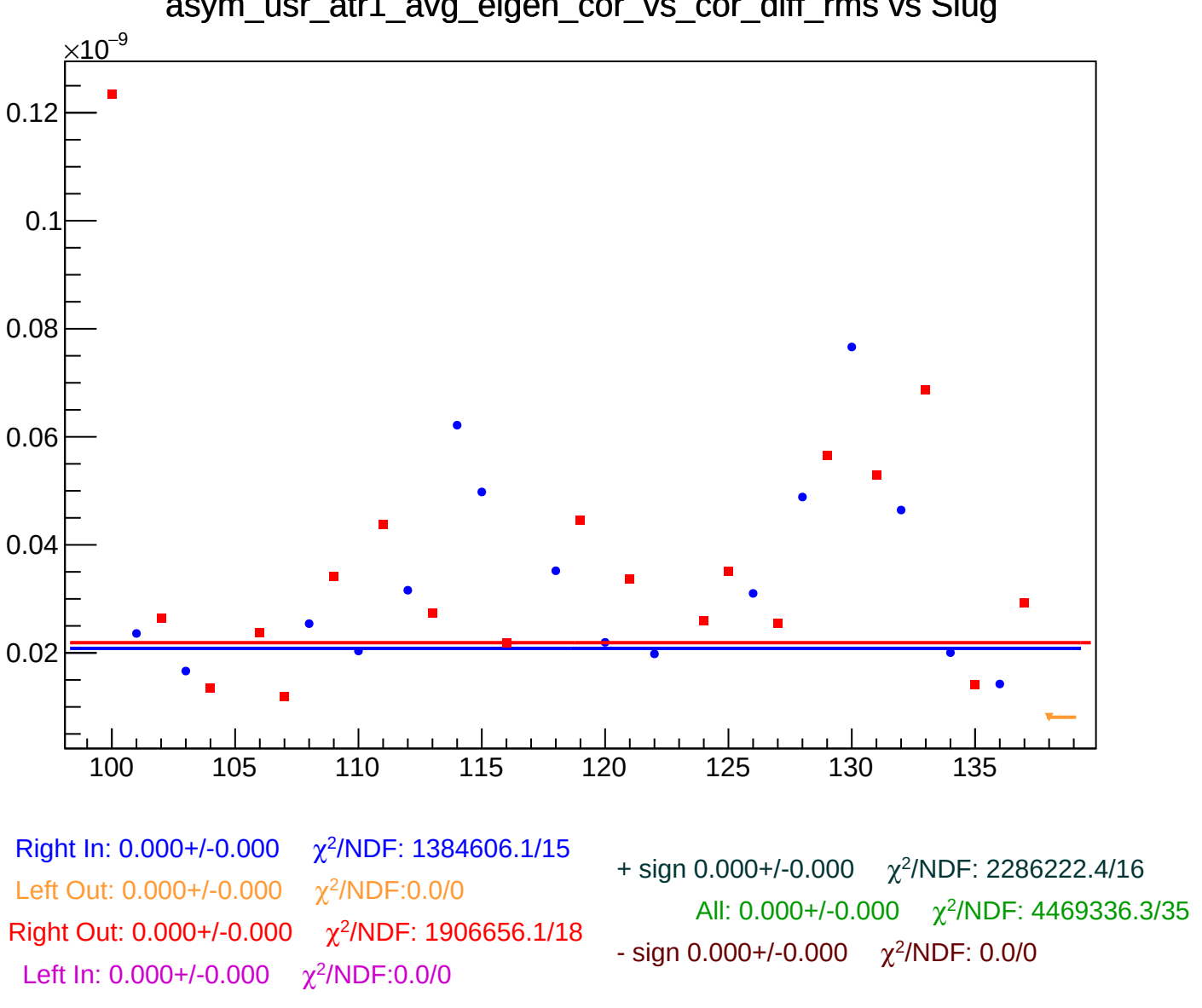
Right Out: 0.000+/-0.000 χ^2/NDF: 9.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

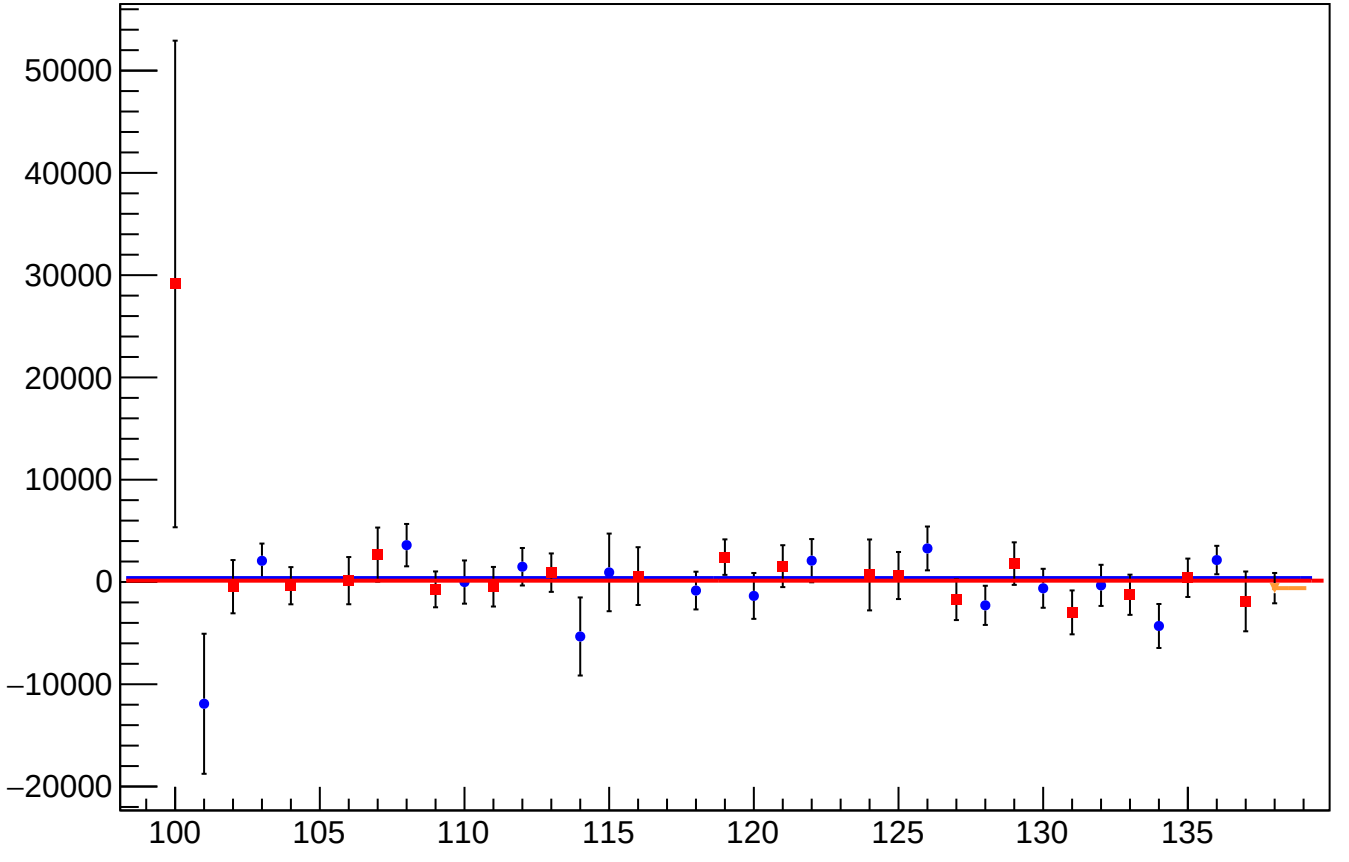
+ sign -0.000+/-0.000 χ^2/NDF: 22.6/16

All: -0.000+/-0.000 χ^2/NDF: 32.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1384606.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1906656.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2286222.4/16
All: 0.000+/-0.000 χ²/NDF: 4469336.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 381.403+/-517.789 χ^2/NDF: 21.5/15

Left Out: -602.269+/-1482.975 χ^2/NDF:0.0/0

Right Out: 127.929+/-500.988 χ^2/NDF: 10.0/18

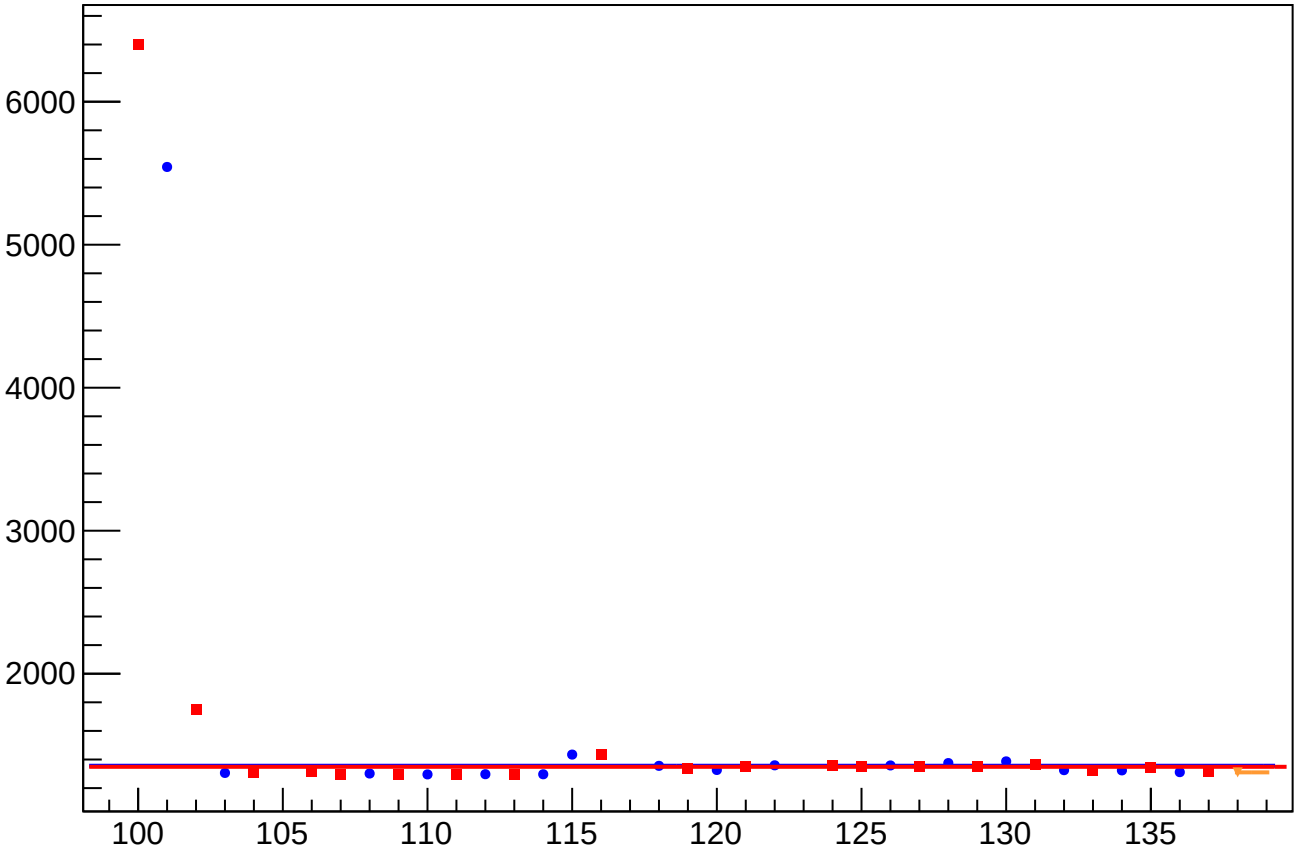
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 274.515+/-488.848 χ^2/NDF: 21.9/16

All: 203.020+/-349.881 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1356.397+/-0.366 χ^2/NDF: 760266.3/15

Left Out: 1310.067+/-1.049 χ^2/NDF:0.0/0

Right Out: 1348.975+/-0.354 χ^2/NDF: 147265.6/18

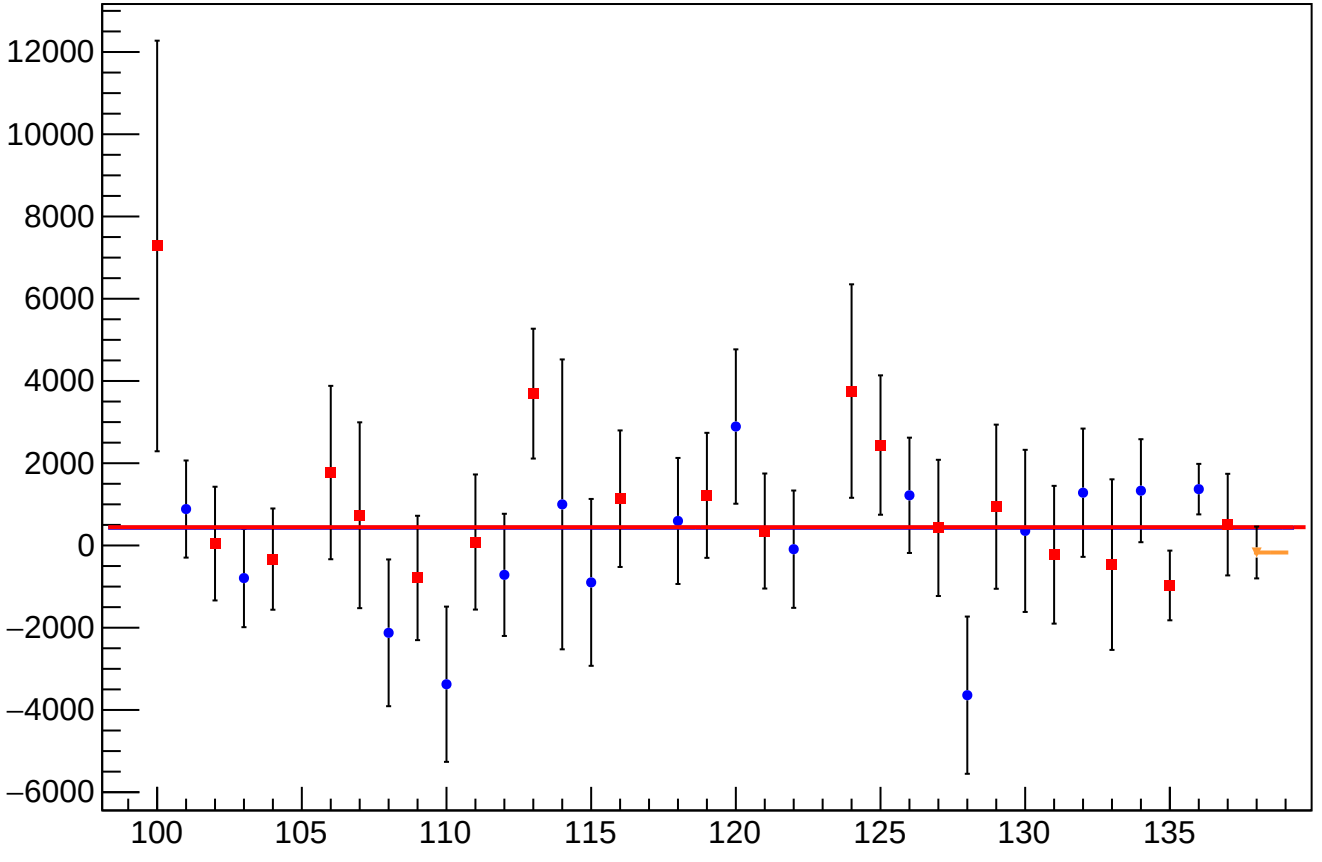
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1351.363+/-0.346 χ^2/NDF: 762006.2/16

All: 1350.198+/-0.247 χ^2/NDF: 909295.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: 430.363+/-338.459 χ^2/NDF: 18.2/15

Left Out: -171.129+/-629.718 χ^2/NDF:0.0/0

Right Out: 444.555+/-355.594 χ^2/NDF: 14.4/18

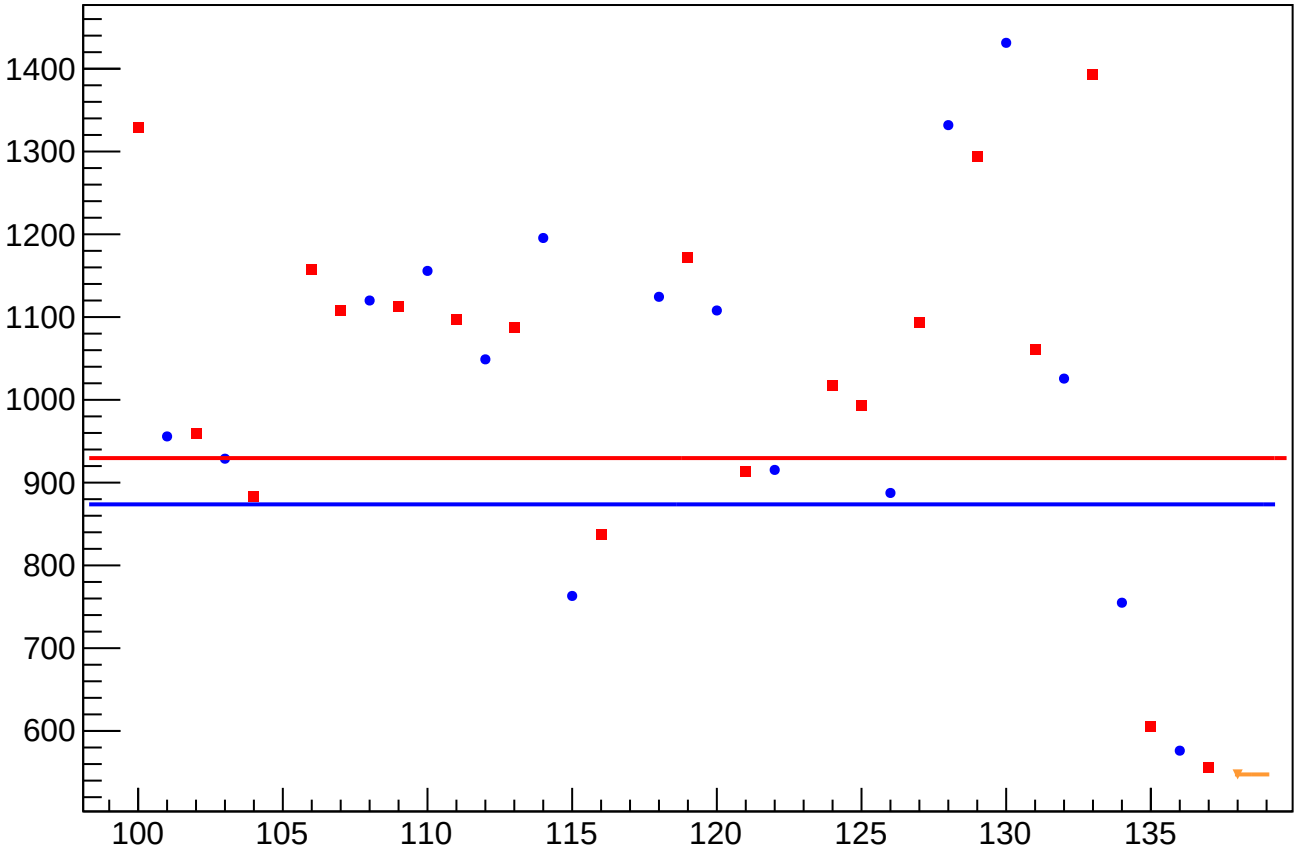
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 295.548+/-298.126 χ^2/NDF: 18.9/16

All: 357.053+/-228.458 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 873.733+/-0.239 χ^2/NDF: 1014860.8/15

Left Out: 547.477+/-0.445 χ^2/NDF:0.0/0

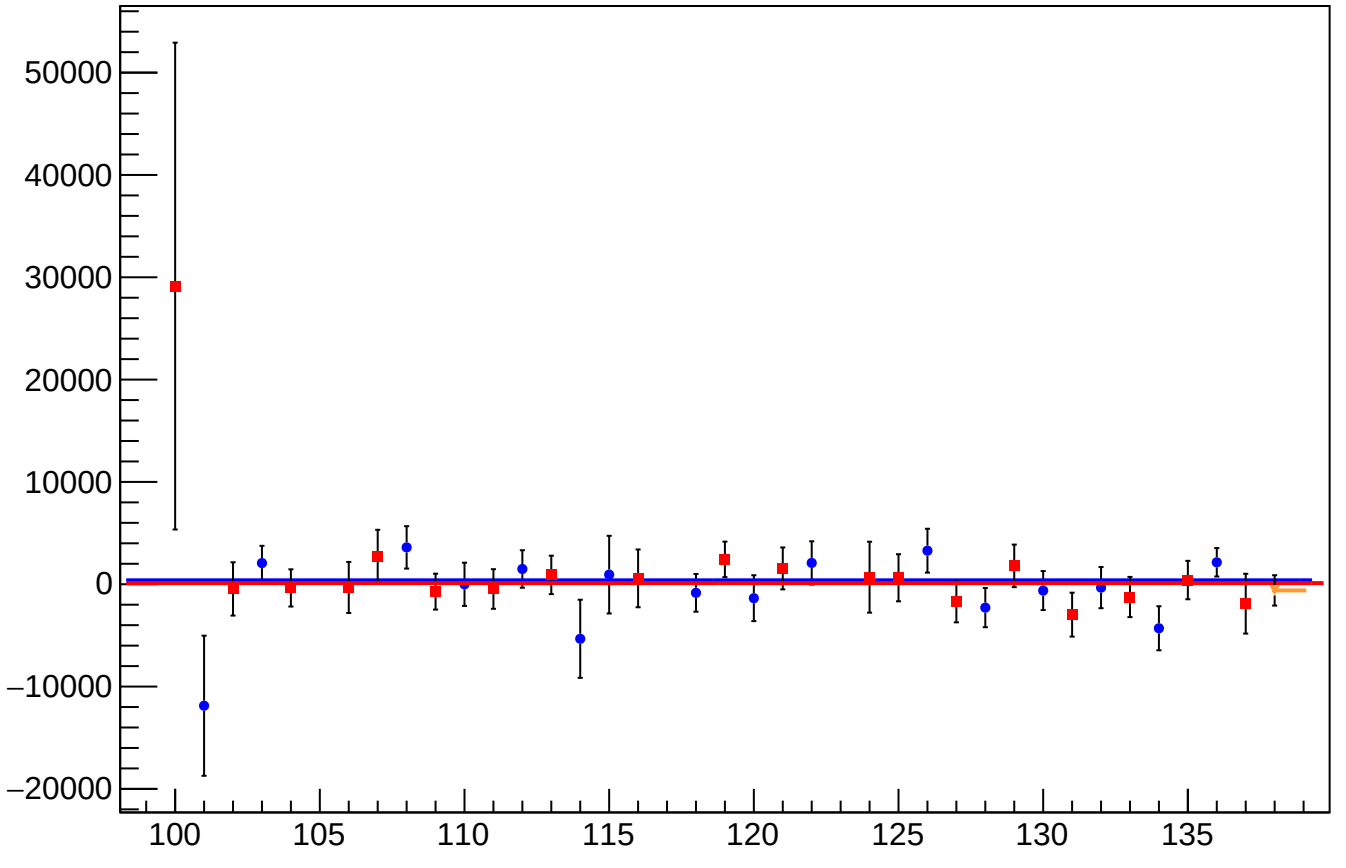
Right Out: 929.637+/-0.251 χ^2/NDF: 859936.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 800.608+/-0.211 χ^2/NDF: 1431386.2/16

All: 853.866+/-0.162 χ^2/NDF: 2445957.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 381.712+/-517.789 χ^2/NDF: 21.5/15

Left Out: -602.295+/-1482.975 χ^2/NDF:0.0/0

Right Out: 110.280+/-502.698 χ^2/NDF: 10.0/18

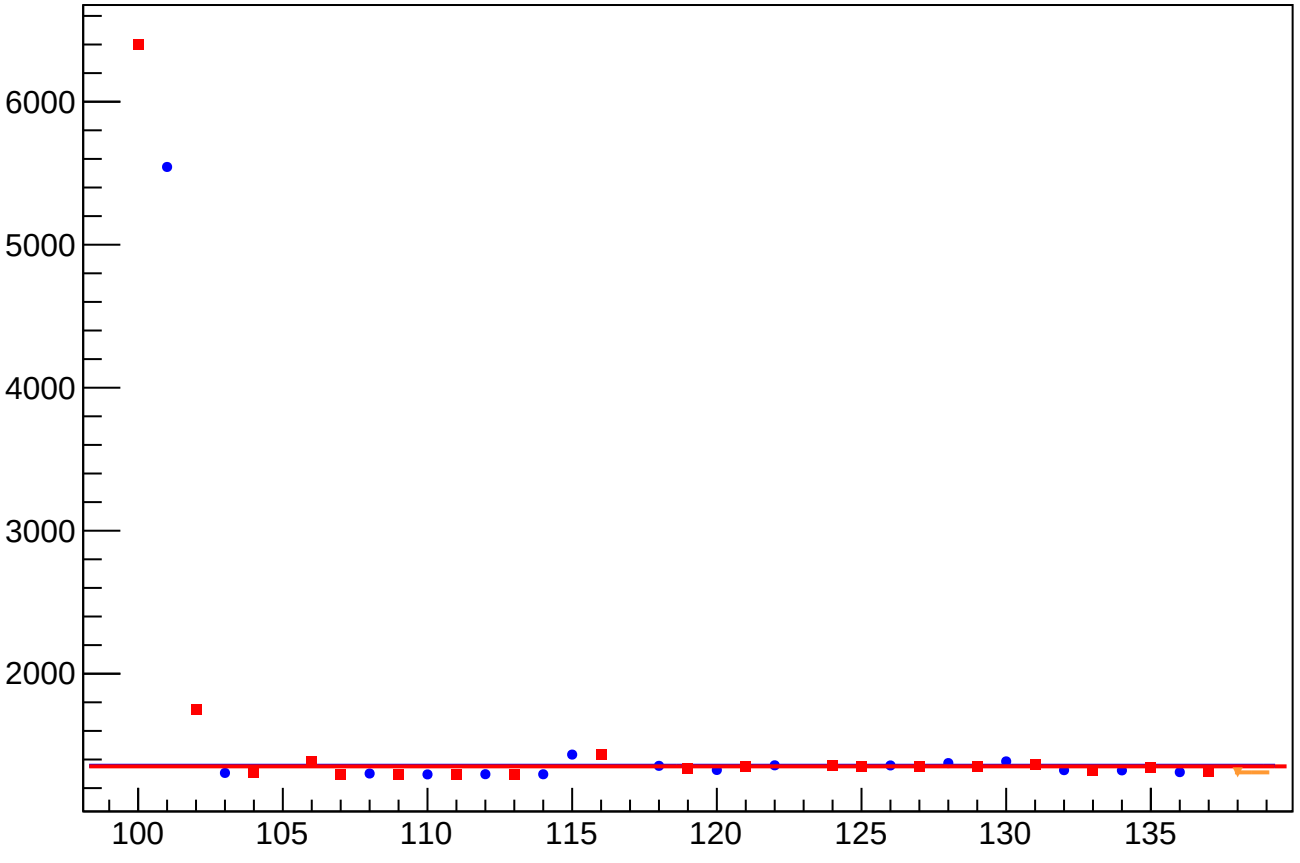
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 274.787+/-488.848 χ^2/NDF: 21.9/16

All: 194.831+/-350.462 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1356.397+/-0.366 χ^2/NDF: 760265.4/15

Left Out: 1310.067+/-1.049 χ^2/NDF:0.0/0

Right Out: 1352.083+/-0.355 χ^2/NDF: 147326.5/18

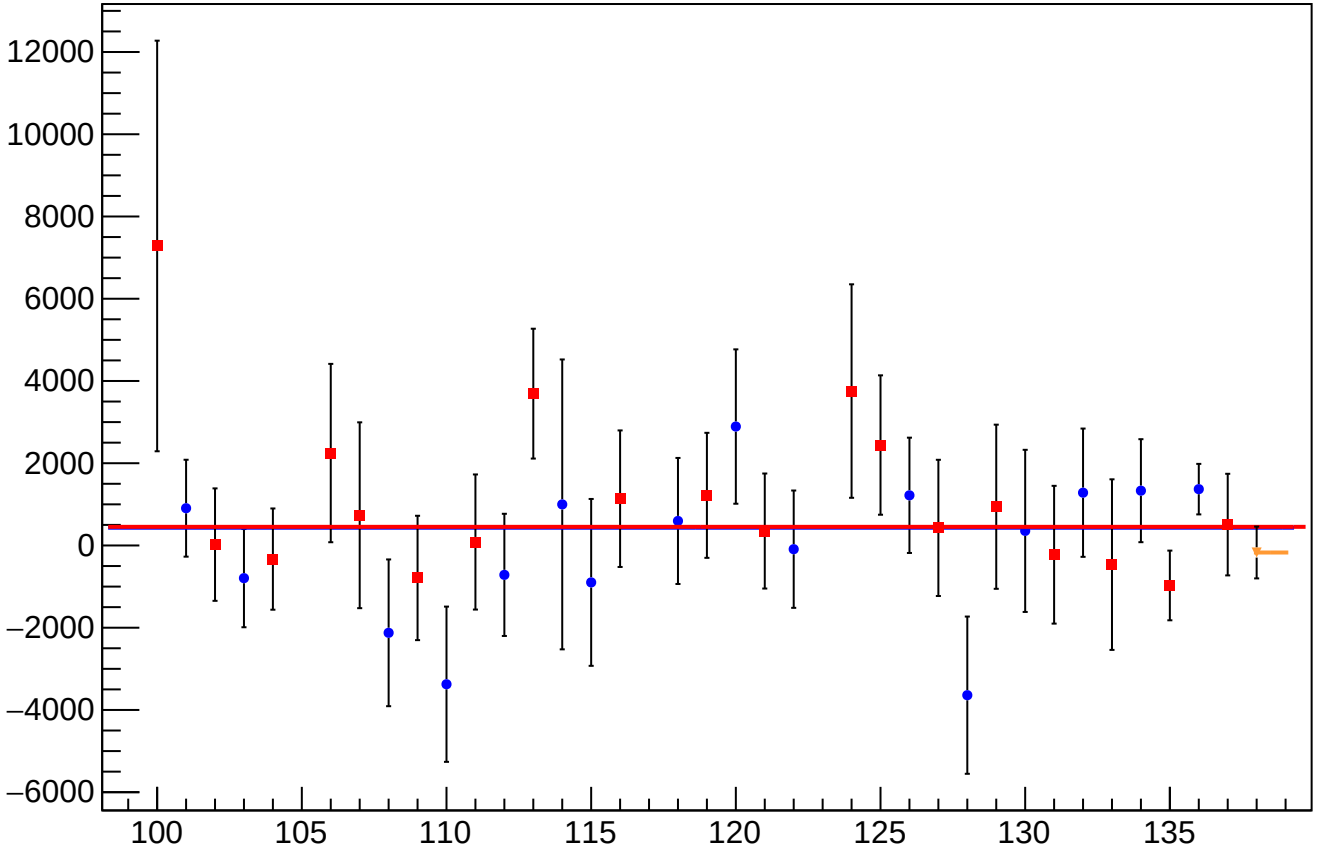
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1351.363+/-0.346 χ^2/NDF: 762005.3/16

All: 1351.713+/-0.248 χ^2/NDF: 909333.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: 432.135+/-338.403 χ^2/NDF: 18.2/15

Left Out: -171.194+/-629.730 χ^2/NDF:0.0/0

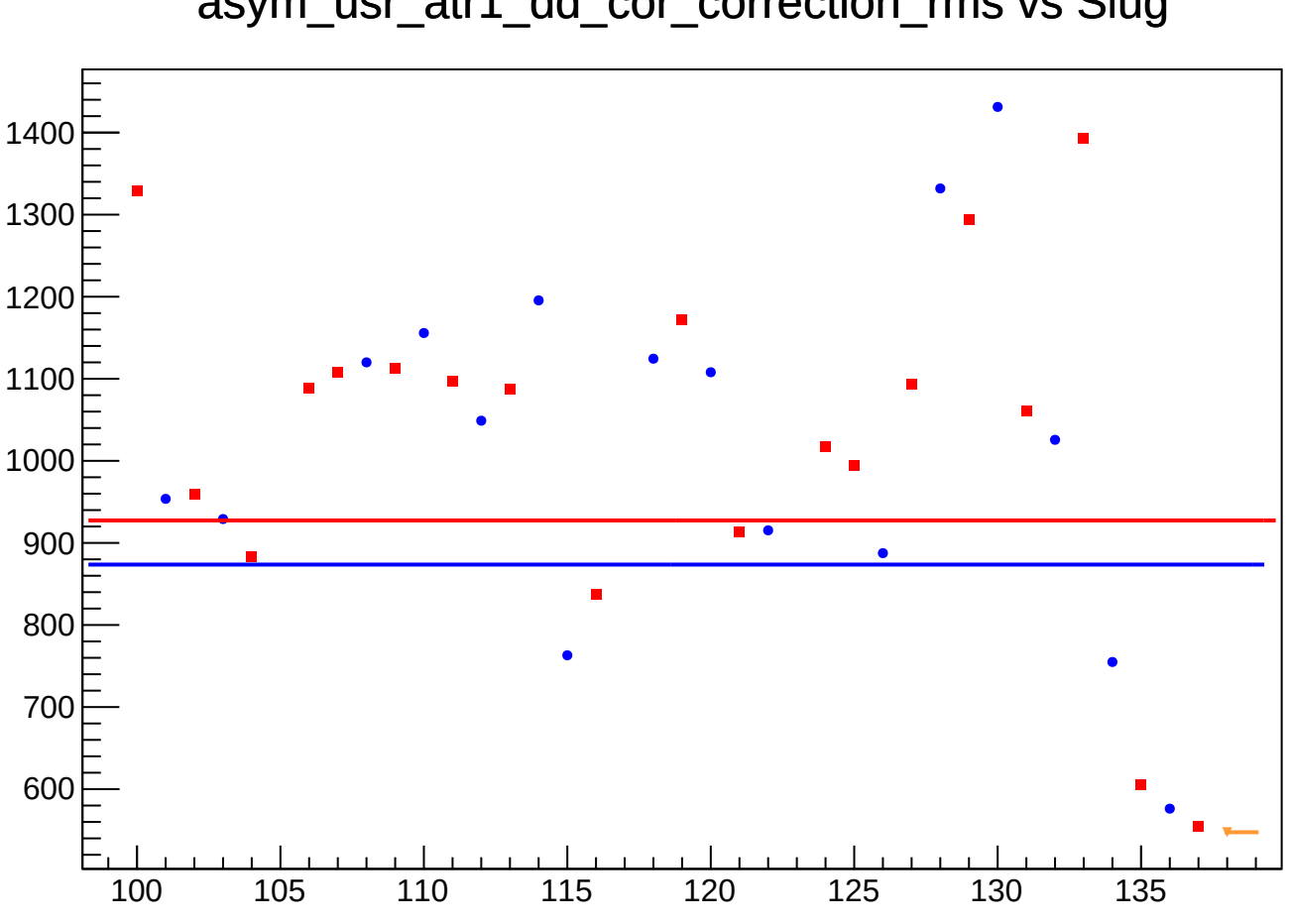
Right Out: 453.039+/-355.599 χ^2/NDF: 14.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 296.947+/-298.089 χ^2/NDF: 19.0/16

All: 361.366+/-228.442 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 873.606+/-0.239 χ^2/NDF: 1014405.7/15

Left Out: 547.489+/-0.445 χ^2/NDF:0.0/0

Right Out: 927.407+/-0.251 χ^2/NDF: 847382.0/18

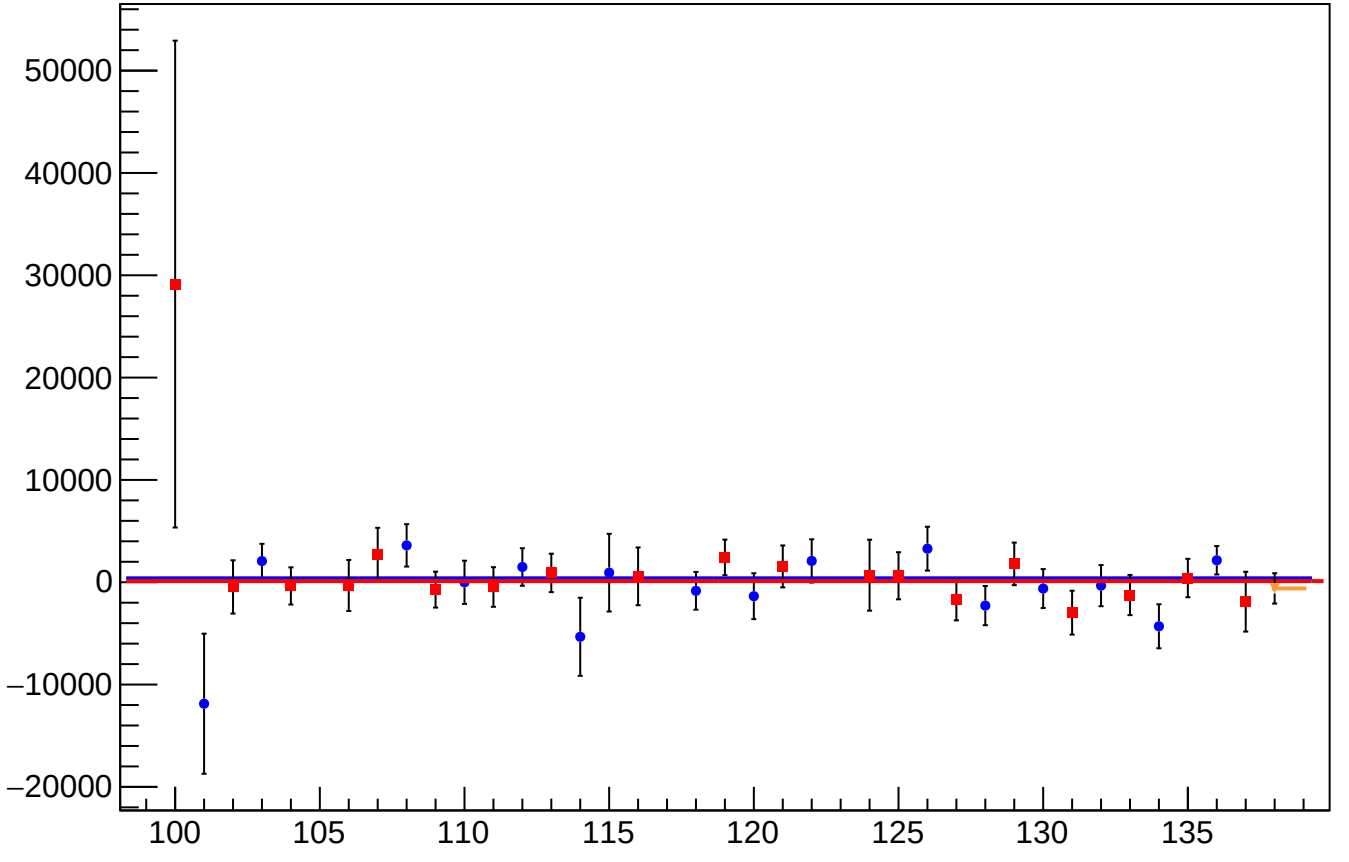
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 800.533+/-0.211 χ^2/NDF: 1430594.6/16

All: 852.894+/-0.162 χ^2/NDF: 2427501.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 381.712+/-517.789 χ^2/NDF: 21.5/15

Left Out: -602.295+/-1482.975 χ^2/NDF:0.0/0

Right Out: 110.280+/-502.698 χ^2/NDF: 10.0/18

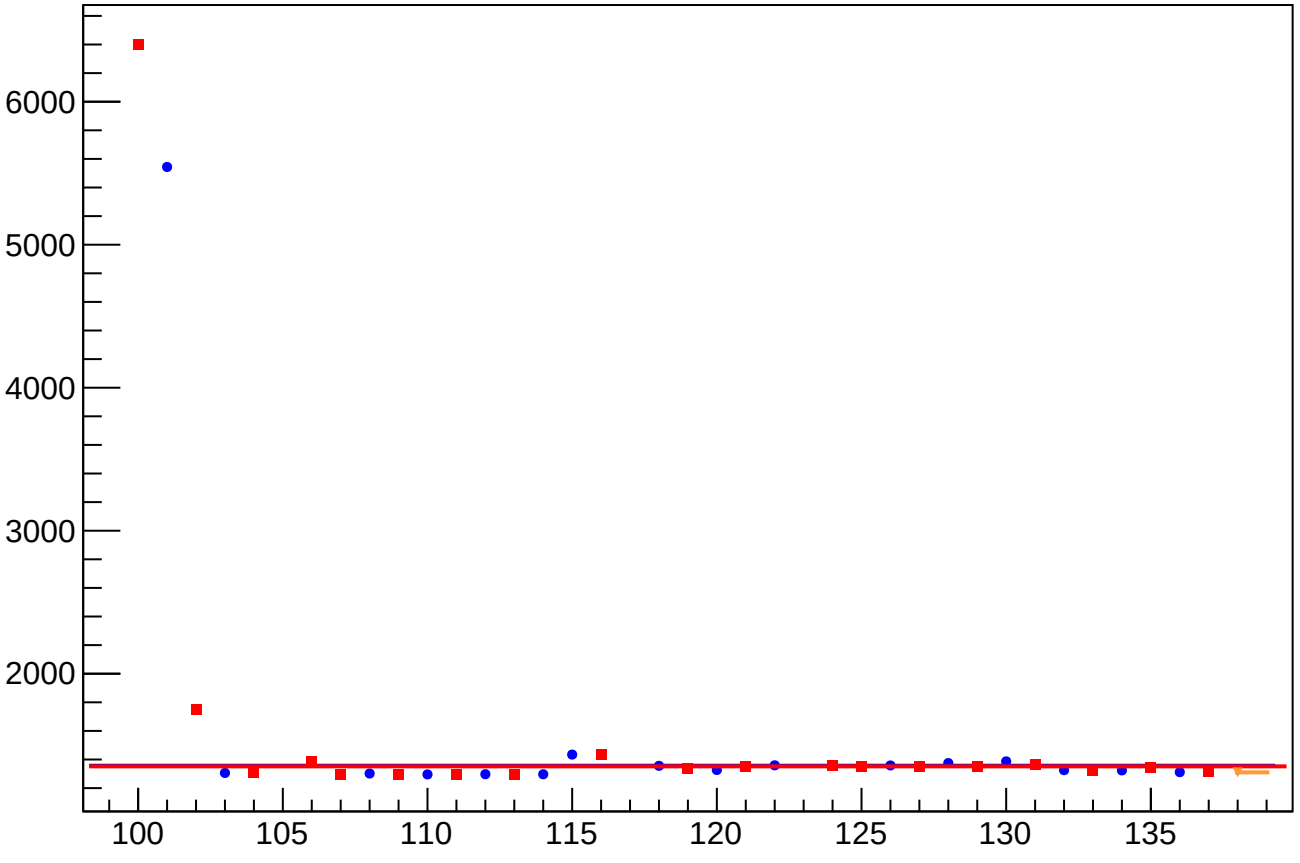
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 274.787+/-488.848 χ^2/NDF: 21.9/16

All: 194.831+/-350.462 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1356.397+/-0.366 χ^2/NDF: 760265.4/15

Left Out: 1310.067+/-1.049 χ^2/NDF:0.0/0

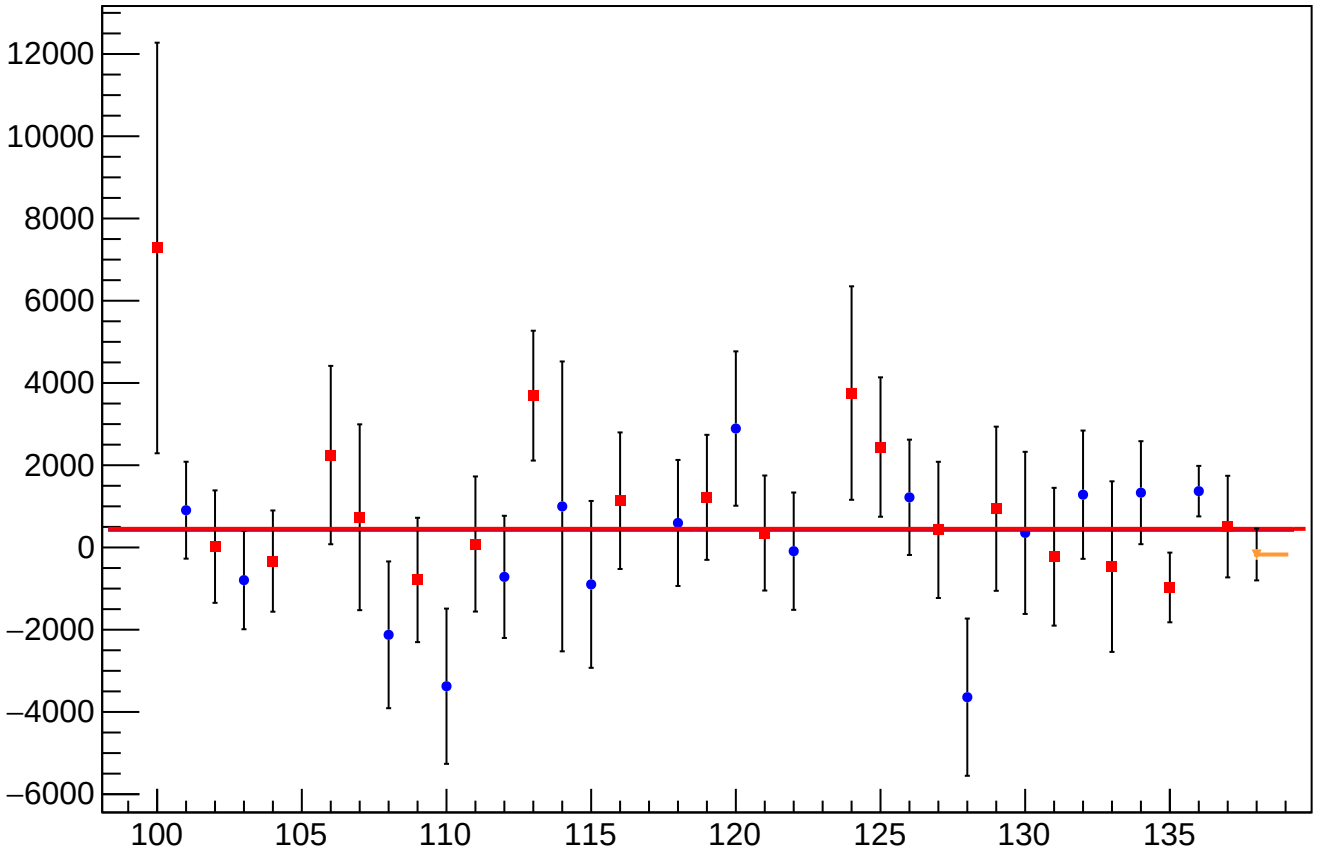
Right Out: 1352.083+/-0.355 χ^2/NDF: 147326.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1351.363+/-0.346 χ^2/NDF: 762005.3/16

All: 1351.713+/-0.248 χ^2/NDF: 909333.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 432.135+/-338.403 χ^2/NDF: 18.2/15

Left Out: -171.194+/-629.730 χ^2/NDF:0.0/0

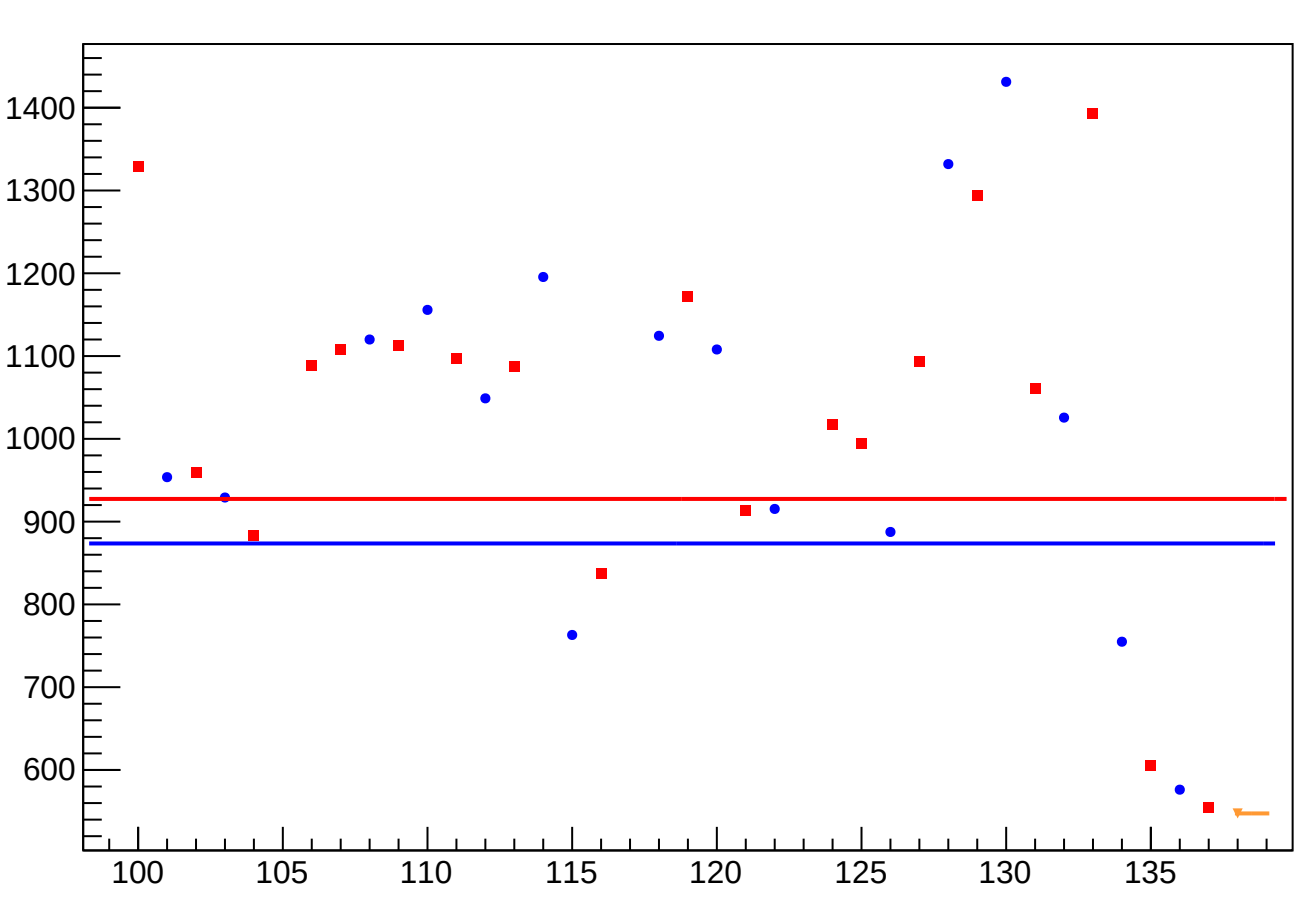
Right Out: 453.039+/-355.599 χ^2/NDF: 14.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 296.947+/-298.089 χ^2/NDF: 19.0/16

All: 361.366+/-228.442 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 873.606+/-0.239 χ^2/NDF: 1014405.7/15

Left Out: 547.489+/-0.445 χ^2/NDF:0.0/0

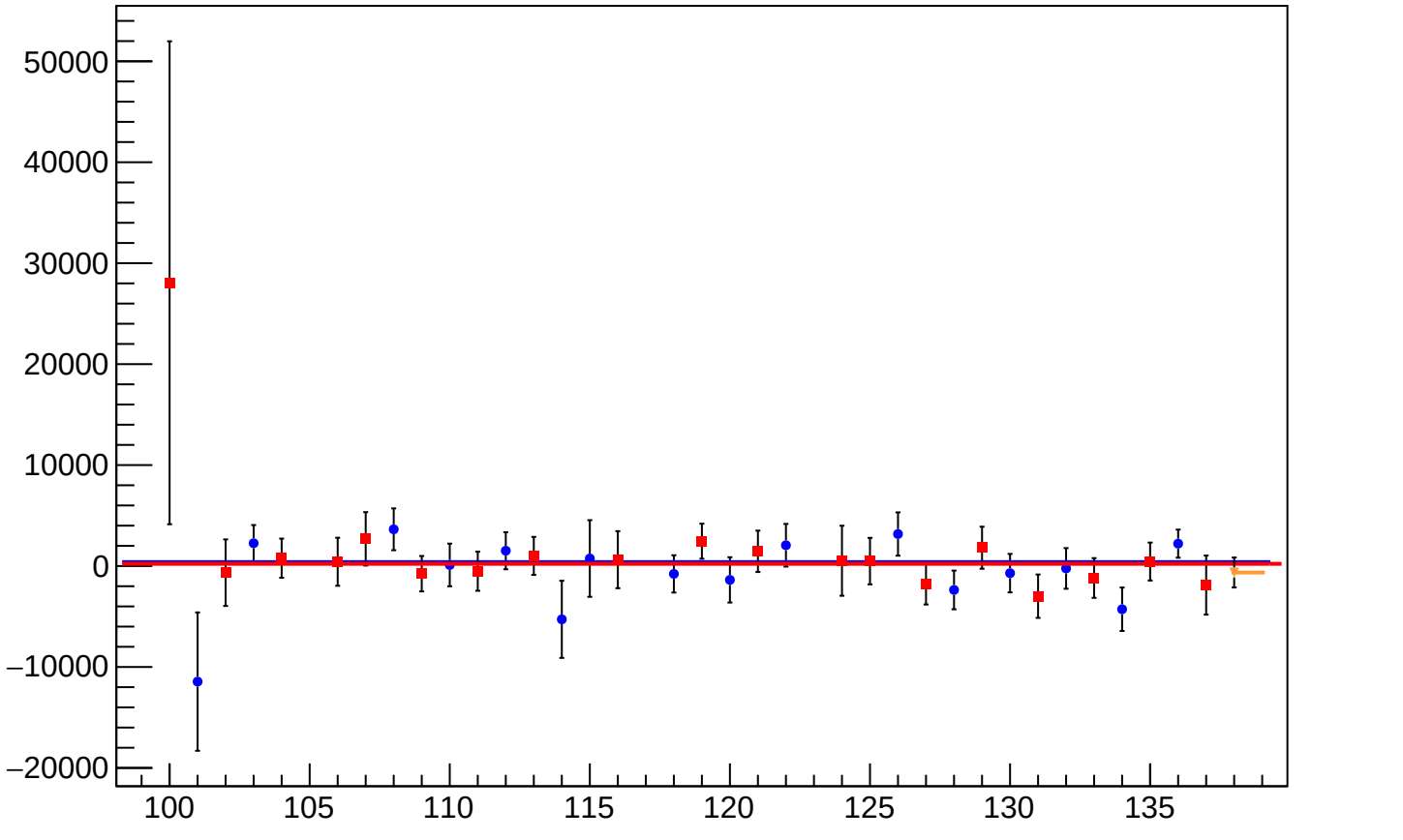
Right Out: 927.407+/-0.251 χ^2/NDF: 847382.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 800.533+/-0.211 χ^2/NDF: 1430594.6/16

All: 852.894+/-0.162 χ^2/NDF: 2427501.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 389.949+/-521.159 χ^2/NDF: 21.4/15

Left Out: -640.957+/-1484.426 χ^2/NDF:0.0/0

Right Out: 218.184+/-507.927 χ^2/NDF: 10.0/18

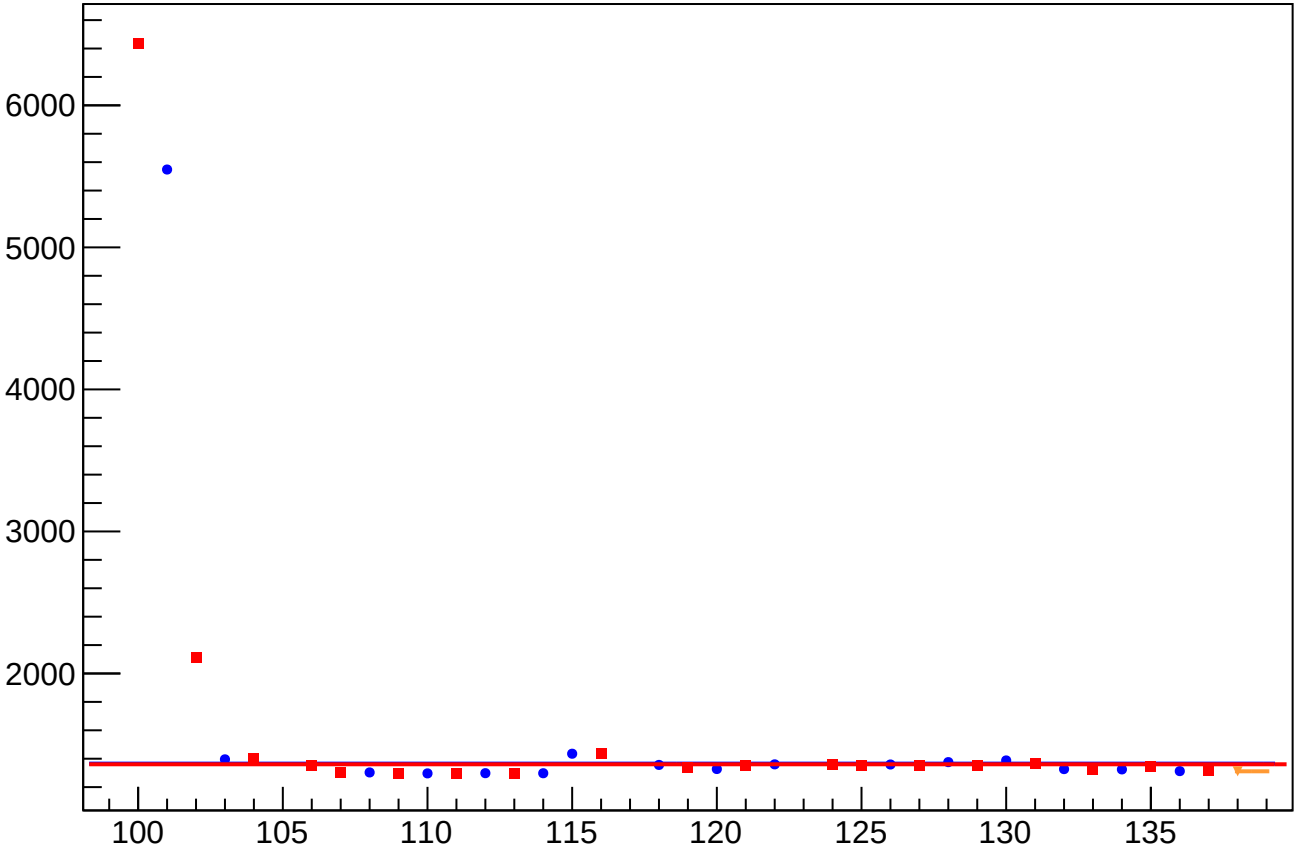
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 276.823+/-491.734 χ^2/NDF: 21.8/16

All: 248.453+/-353.295 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1365.302+/-0.369 χ^2/NDF: 758944.7/15

Left Out: 1311.347+/-1.050 χ^2/NDF:0.0/0

Right Out: 1360.771+/-0.359 χ^2/NDF: 205315.3/18

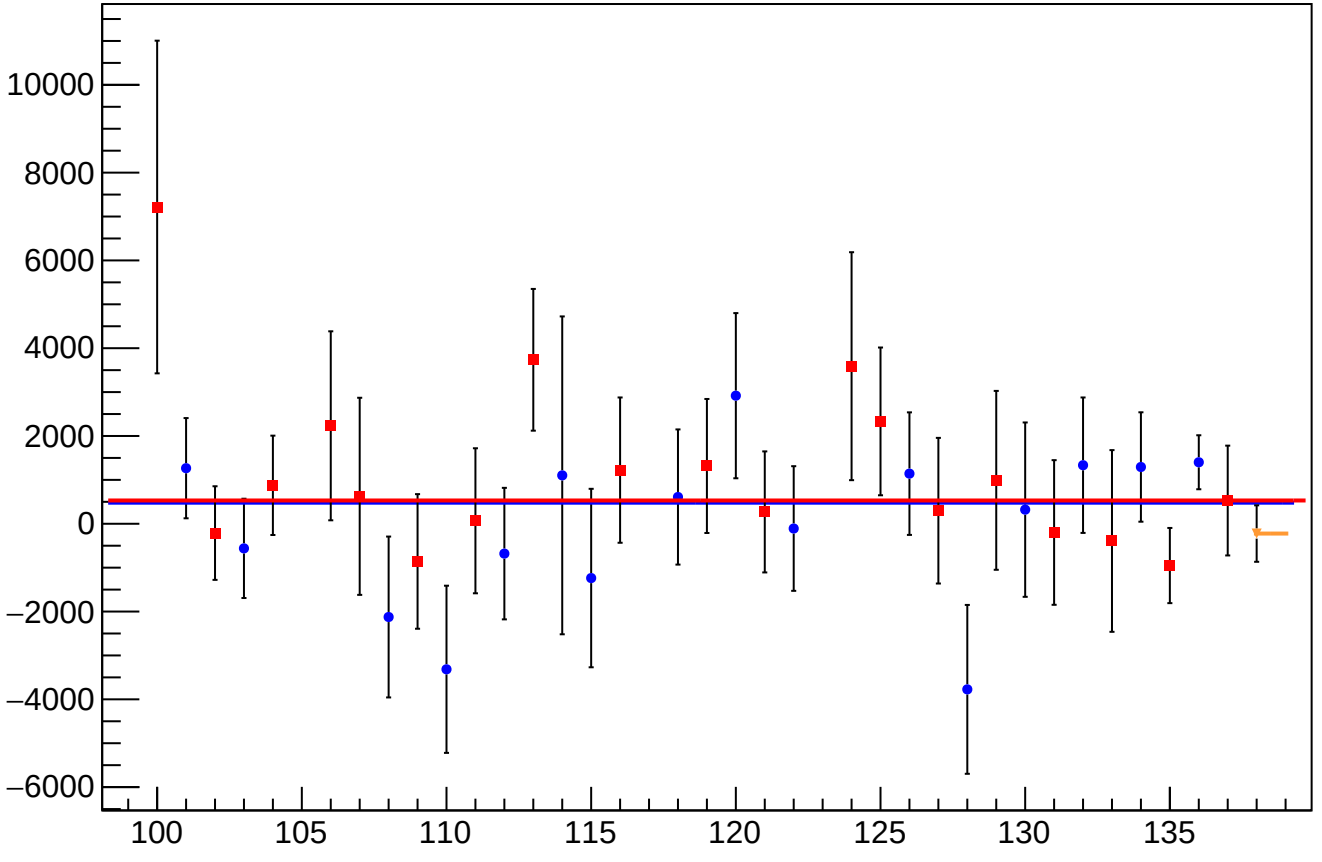
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1359.381+/-0.348 χ^2/NDF: 761297.1/16

All: 1360.053+/-0.250 χ^2/NDF: 966620.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: 480.403+/-336.520 χ^2/NDF: 18.6/15

Left Out: -223.238+/-643.273 χ^2/NDF:0.0/0

Right Out: 530.532+/-346.105 χ^2/NDF: 15.6/18

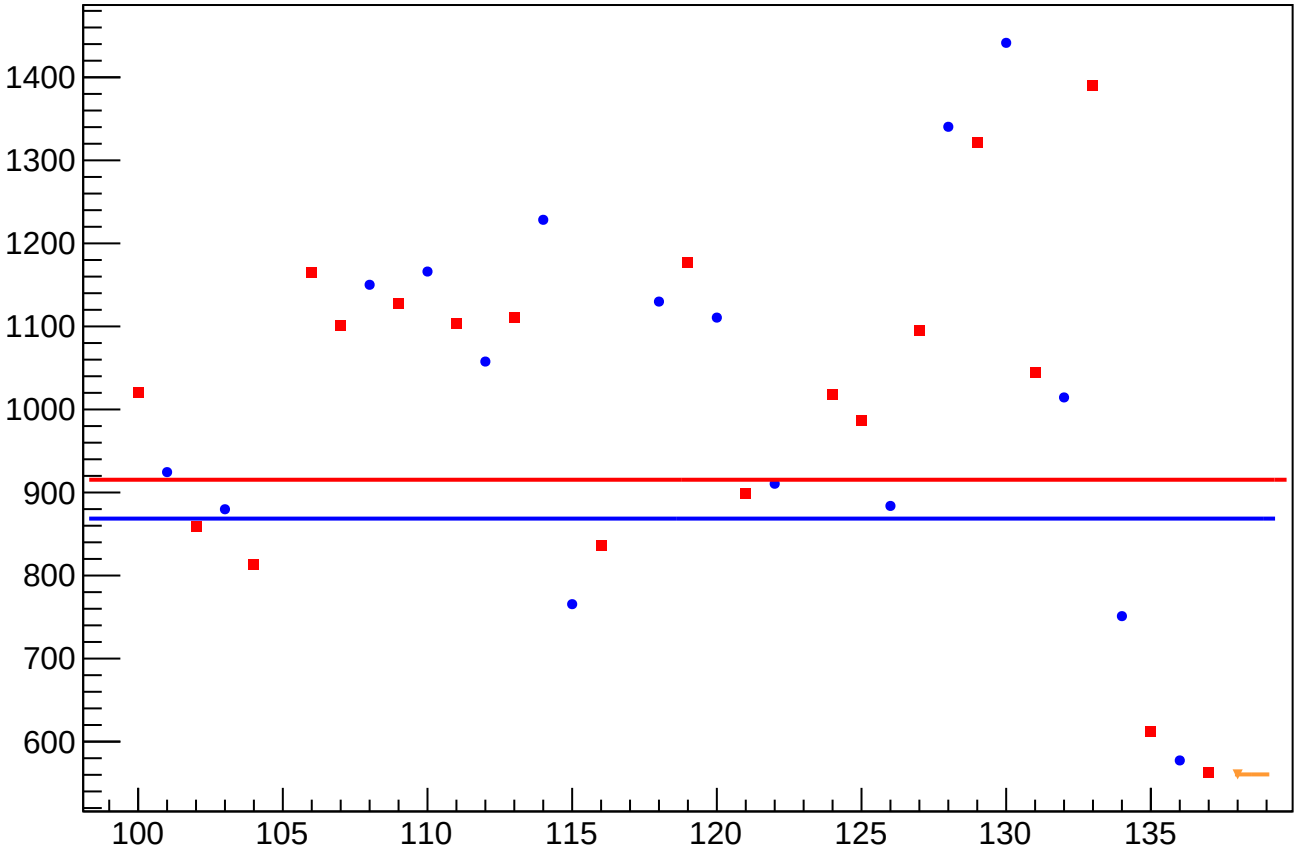
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 329.212+/-298.183 χ^2/NDF: 19.5/16

All: 414.980+/-225.906 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 868.572+/-0.238 χ^2/NDF: 1021338.5/15

Left Out: 560.490+/-0.455 χ^2/NDF:0.0/0

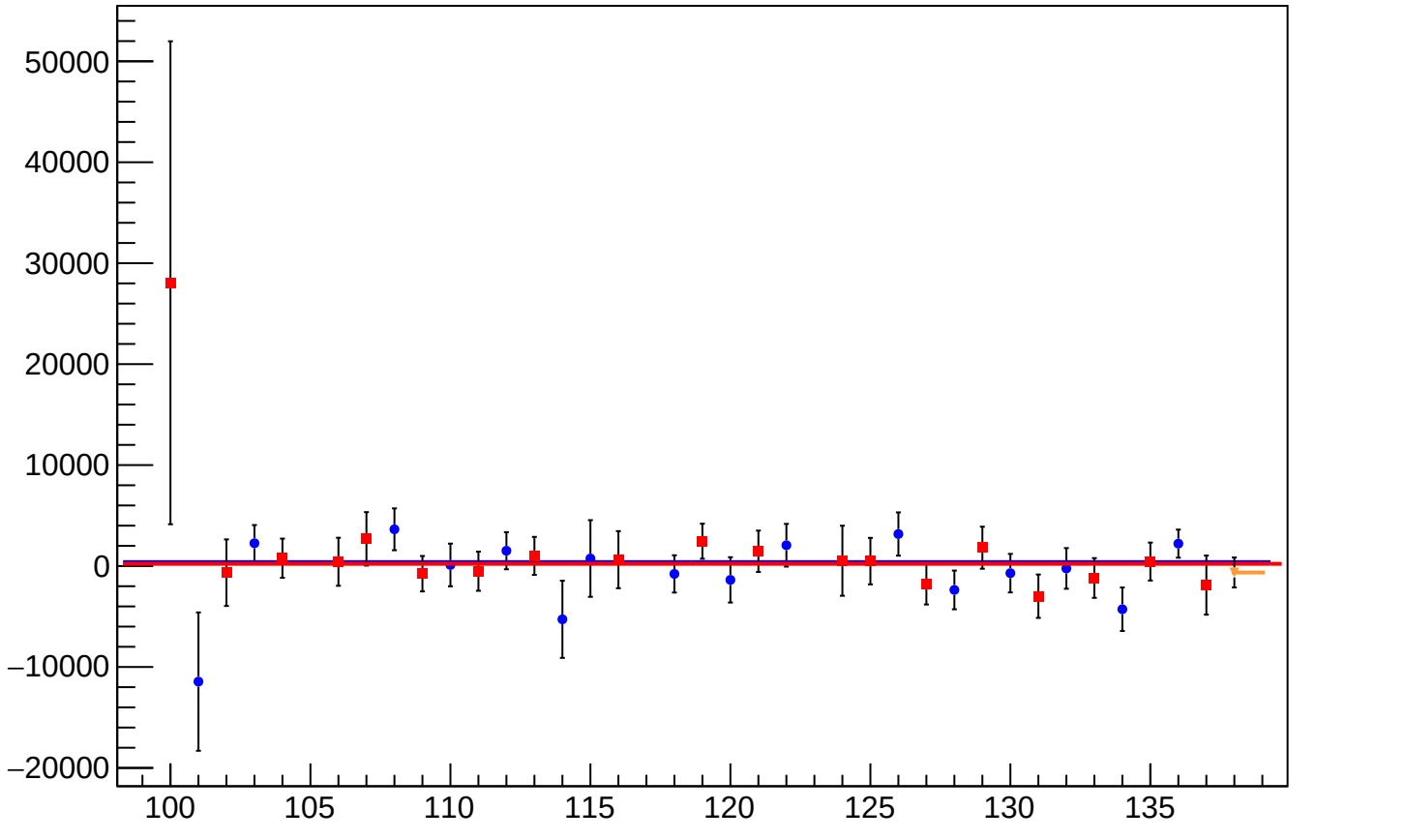
Right Out: 915.360+/-0.245 χ^2/NDF: 858906.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 802.375+/-0.211 χ^2/NDF: 1381514.0/16

All: 850.510+/-0.160 χ^2/NDF: 2362755.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 389.949+/-521.159 χ^2/NDF: 21.4/15

Left Out: -640.953+/-1484.426 χ^2/NDF:0.0/0

Right Out: 218.182+/-507.927 χ^2/NDF: 10.0/18

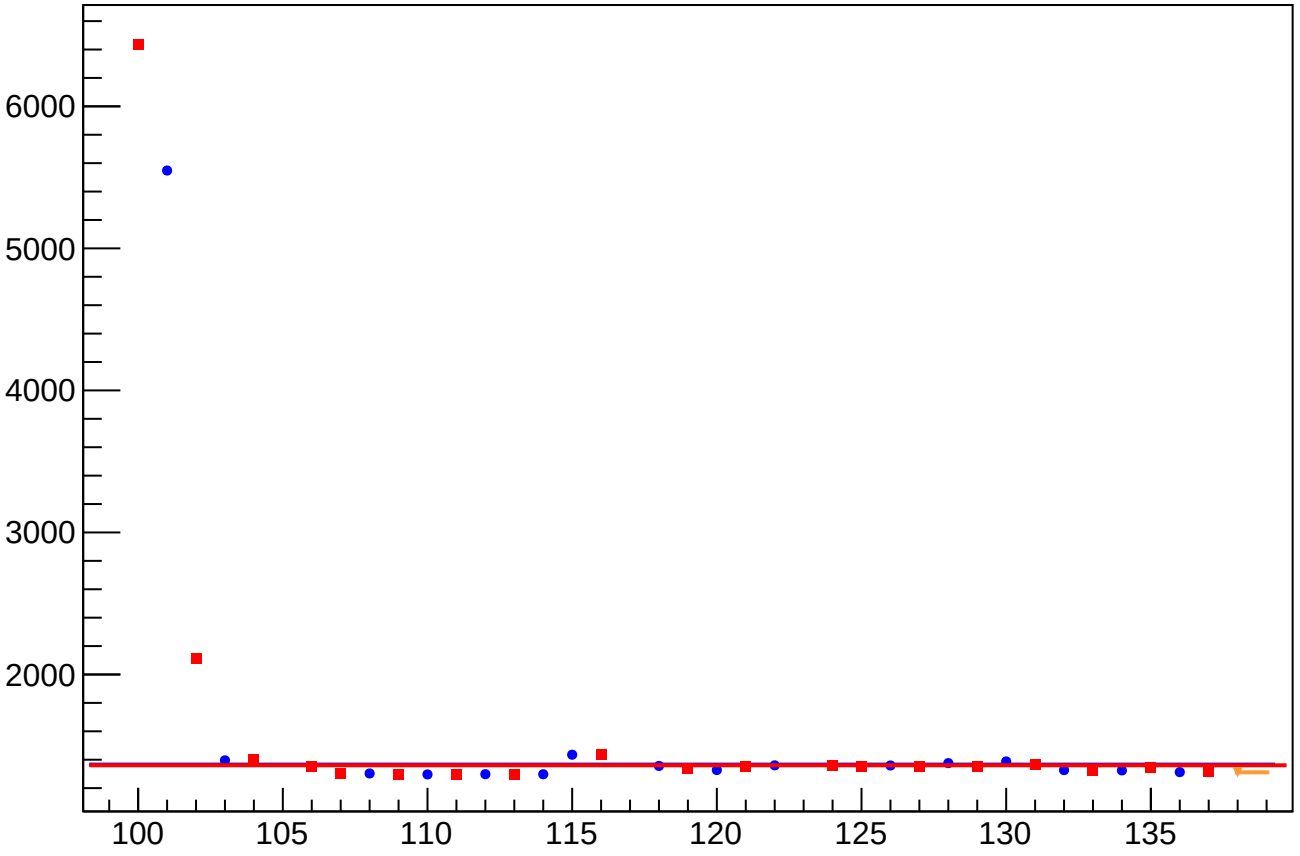
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 276.824+/-491.734 χ^2/NDF: 21.8/16

All: 248.453+/-353.295 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1365.302+/-0.369 χ^2/NDF: 758944.7/15

Left Out: 1311.347+/-1.050 χ^2/NDF:0.0/0

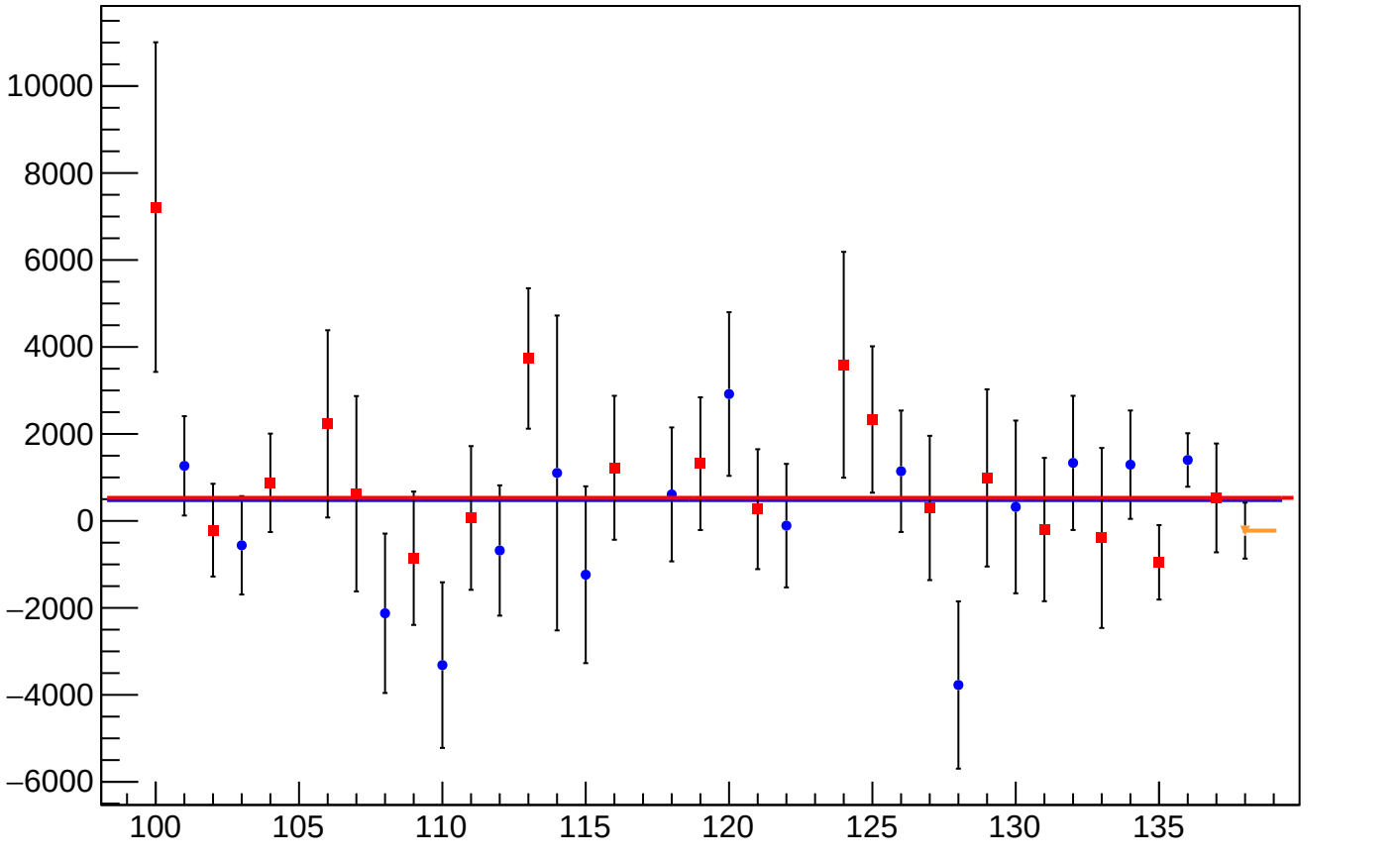
Right Out: 1360.770+/-0.359 χ^2/NDF: 205315.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1359.381+/-0.348 χ^2/NDF: 761297.1/16

All: 1360.053+/-0.250 χ^2/NDF: 966620.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 480.400+/-336.519 χ^2/NDF: 18.6/15

Left Out: -223.234+/-643.275 χ^2/NDF:0.0/0

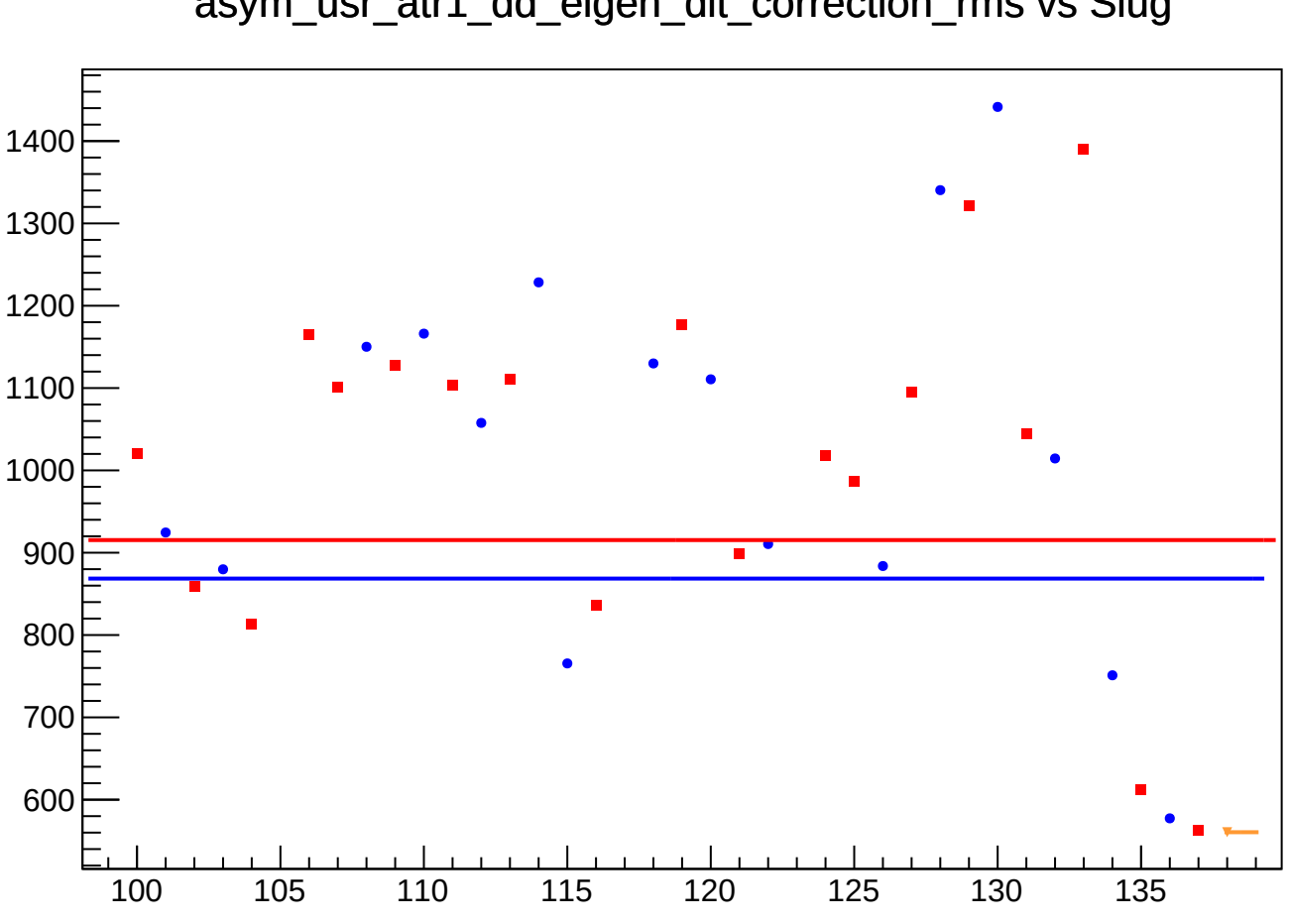
Right Out: 530.531+/-346.104 χ^2/NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 329.213+/-298.182 χ^2/NDF: 19.5/16

All: 414.980+/-225.905 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 868.570+/-0.238 χ^2/NDF: 1021337.1/15

Left Out: 560.492+/-0.455 χ^2/NDF:0.0/0

Right Out: 915.358+/-0.245 χ^2/NDF: 858906.3/18

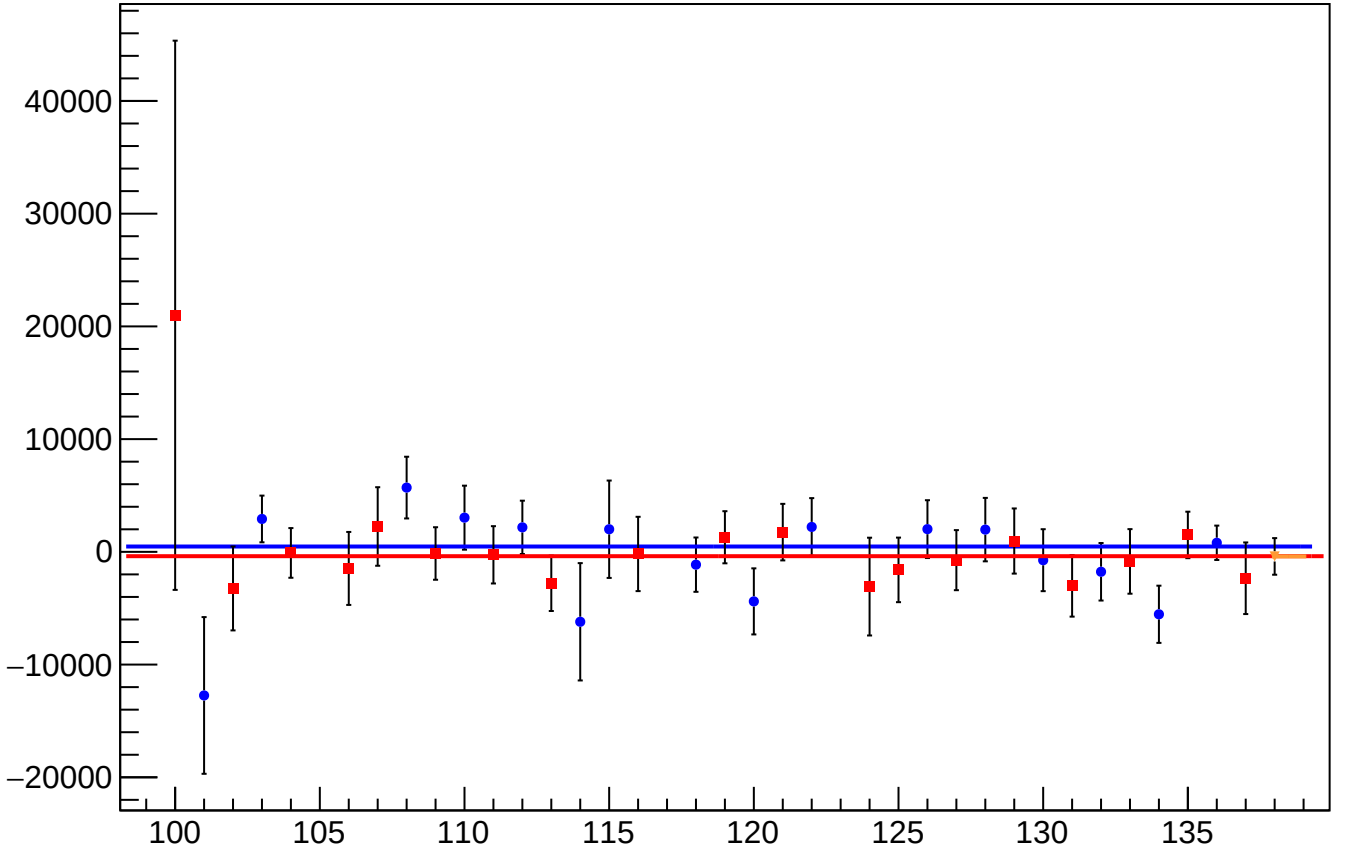
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 802.374+/-0.211 χ^2/NDF: 1381500.3/16

All: 850.509+/-0.160 χ^2/NDF: 2362739.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_mean vs Slug



Right In: 473.494+/-649.243 χ^2/NDF: 22.7/15

Left Out: -405.141+/-1624.059 χ^2/NDF:0.0/0

Right Out: -384.785+/-641.994 χ^2/NDF: 7.3/18

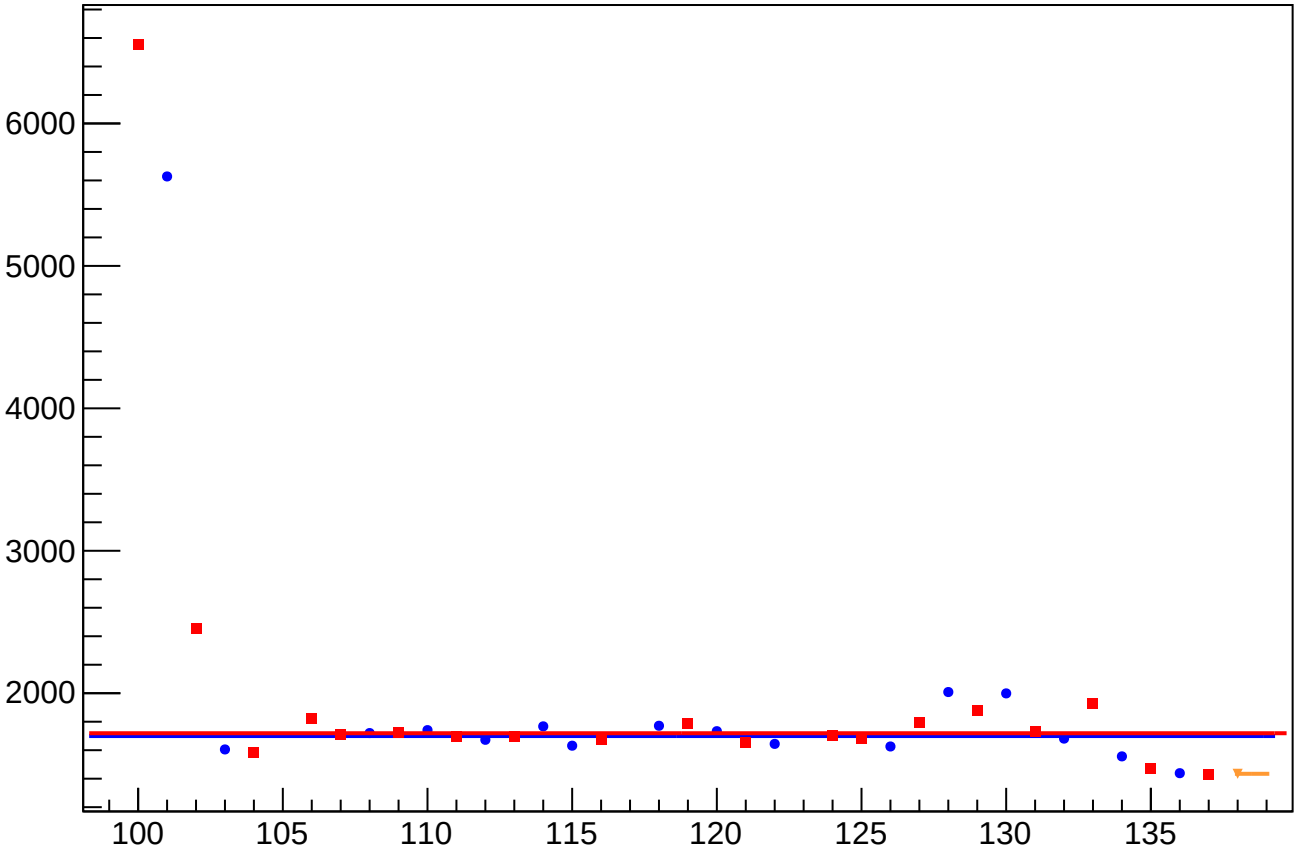
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 352.426+/-602.856 χ^2/NDF: 22.9/16

All: 6.976+/-439.469 χ^2/NDF: 30.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1699.330+/-0.459 χ^2/NDF: 762097.7/15

Left Out: 1434.283+/-1.148 χ^2/NDF:0.0/0

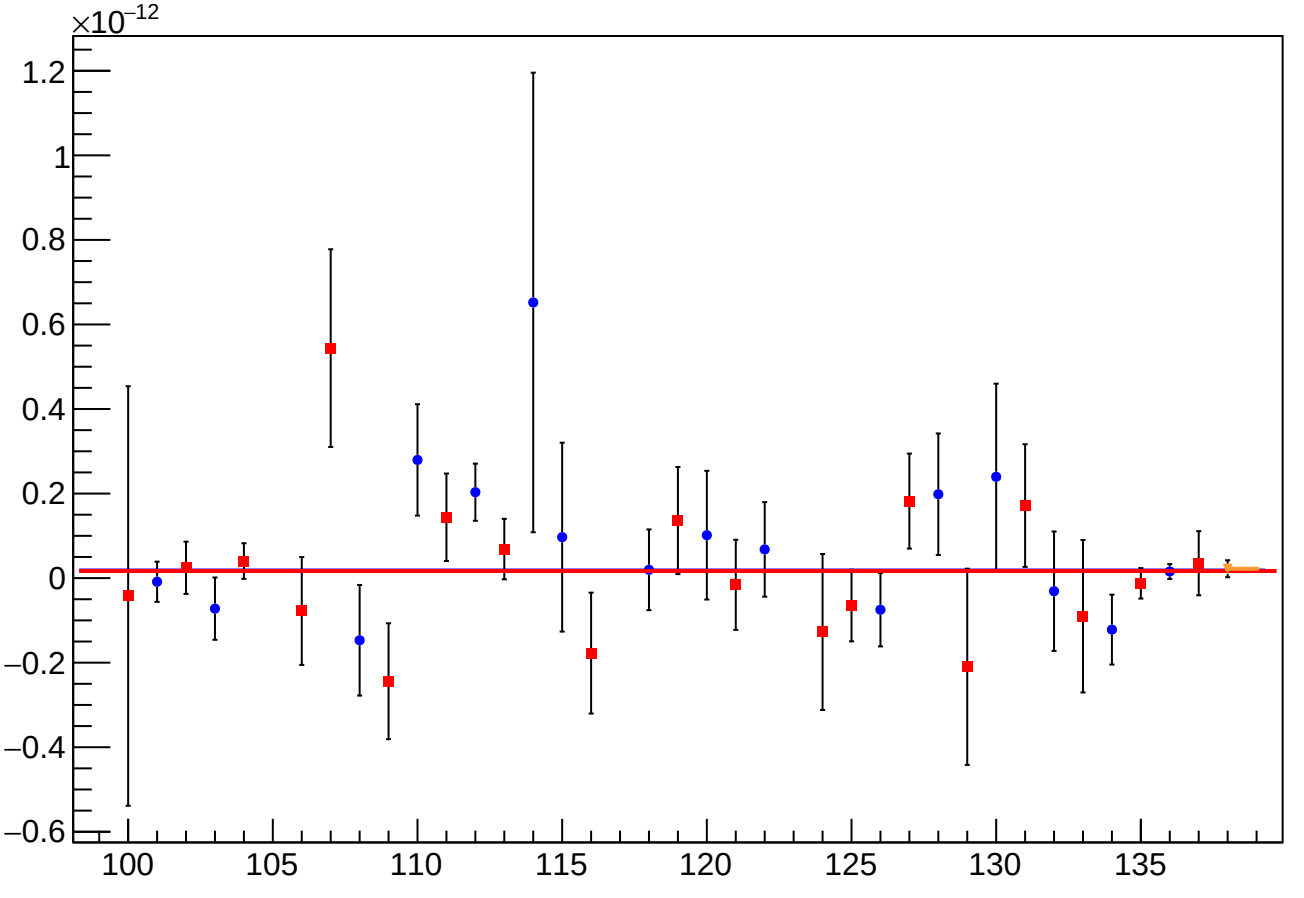
Right Out: 1719.103+/-0.454 χ^2/NDF: 233751.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1662.808+/-0.426 χ^2/NDF: 808026.3/16

All: 1689.187+/-0.311 χ^2/NDF: 1049949.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

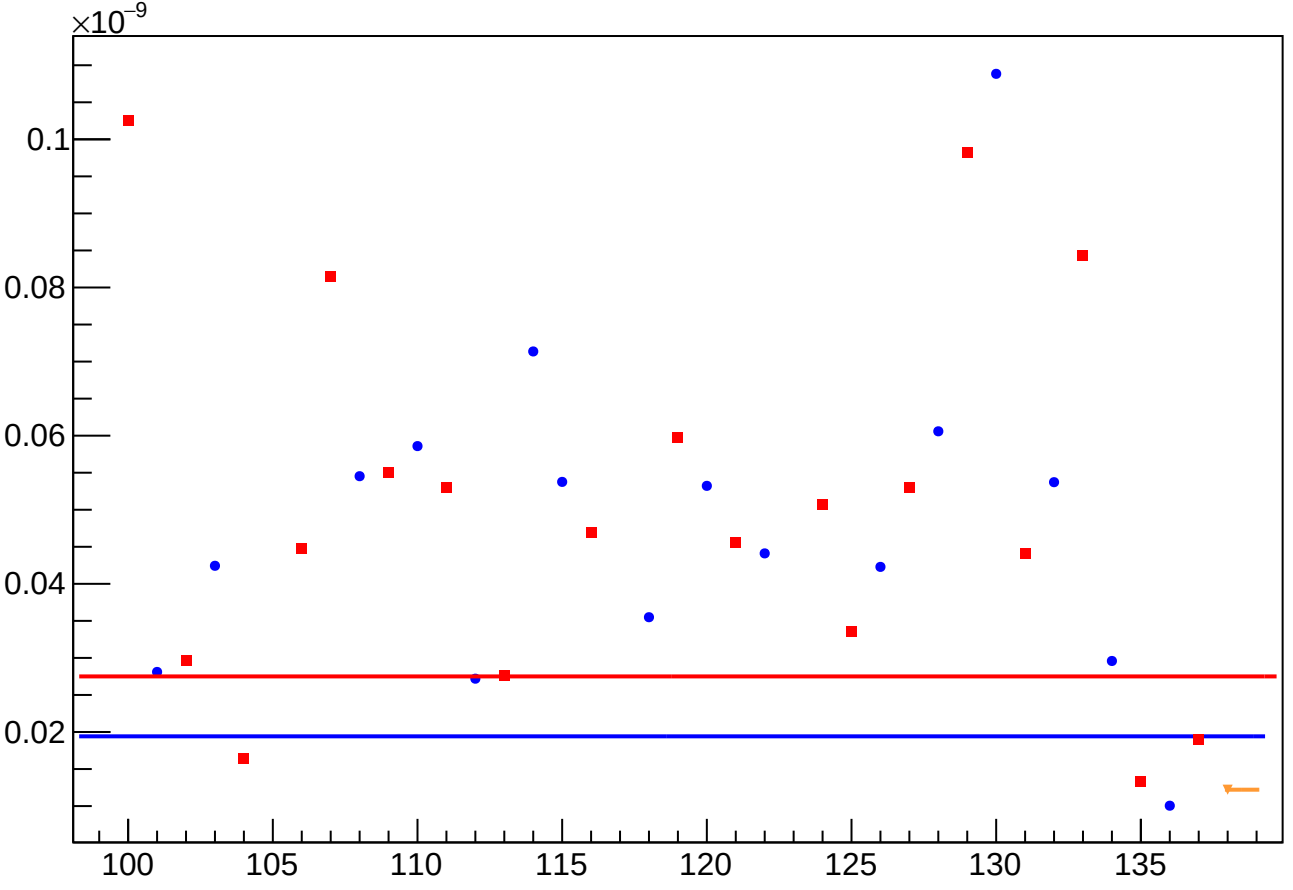
Right Out: 0.000+/-0.000 χ^2/NDF: 21.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 23.6/16

All: 0.000+/-0.000 χ^2/NDF: 44.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2274412.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

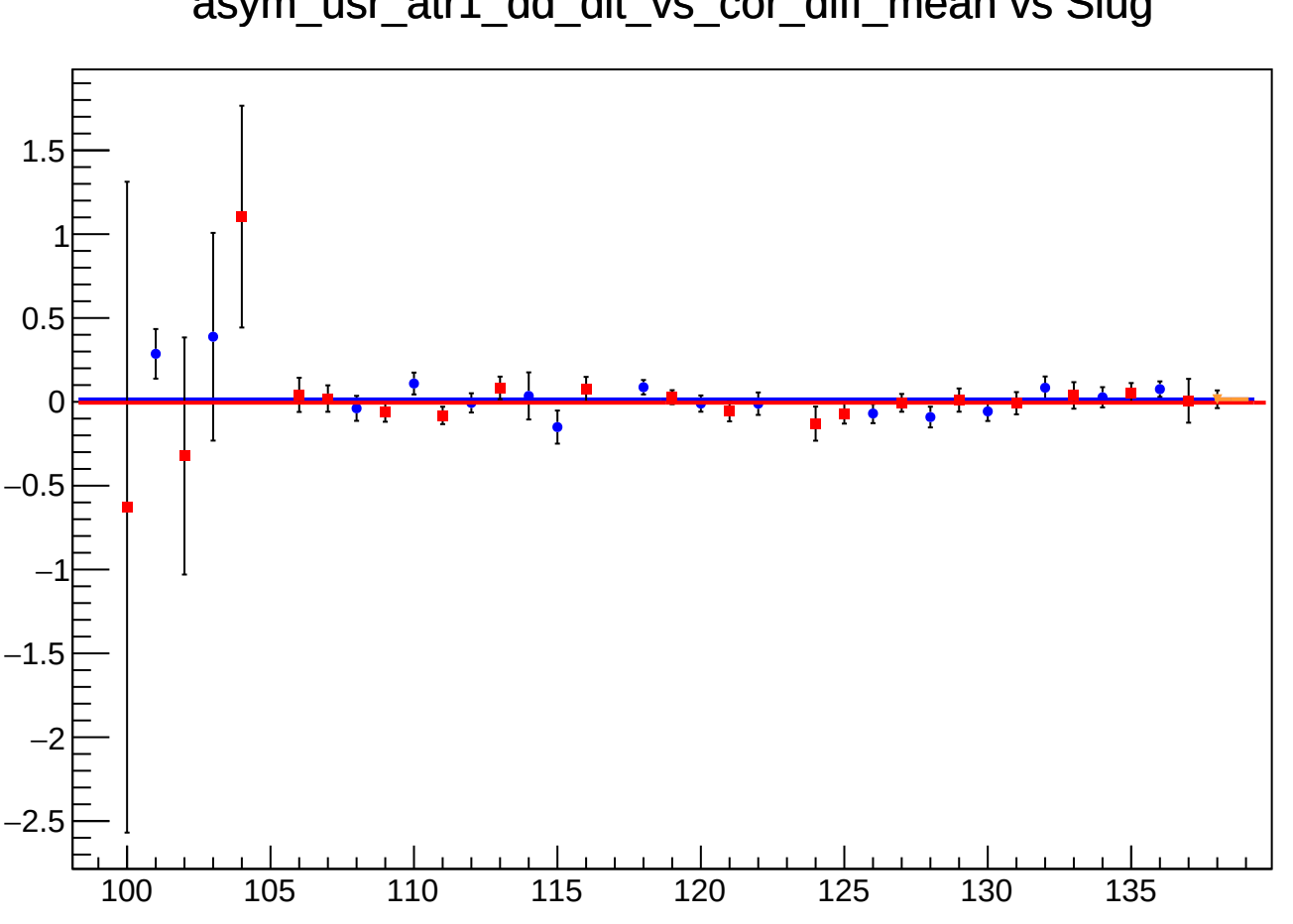
Right Out: 0.000+/-0.000 χ^2/NDF: 1650144.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2444339.9/16

All: 0.000+/-0.000 χ^2/NDF: 4535935.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.016 χ^2/NDF: 22.0/15

Left Out: 0.015+/-0.053 χ^2/NDF:0.0/0

Right Out: -0.005+/-0.016 χ^2/NDF: 14.9/18

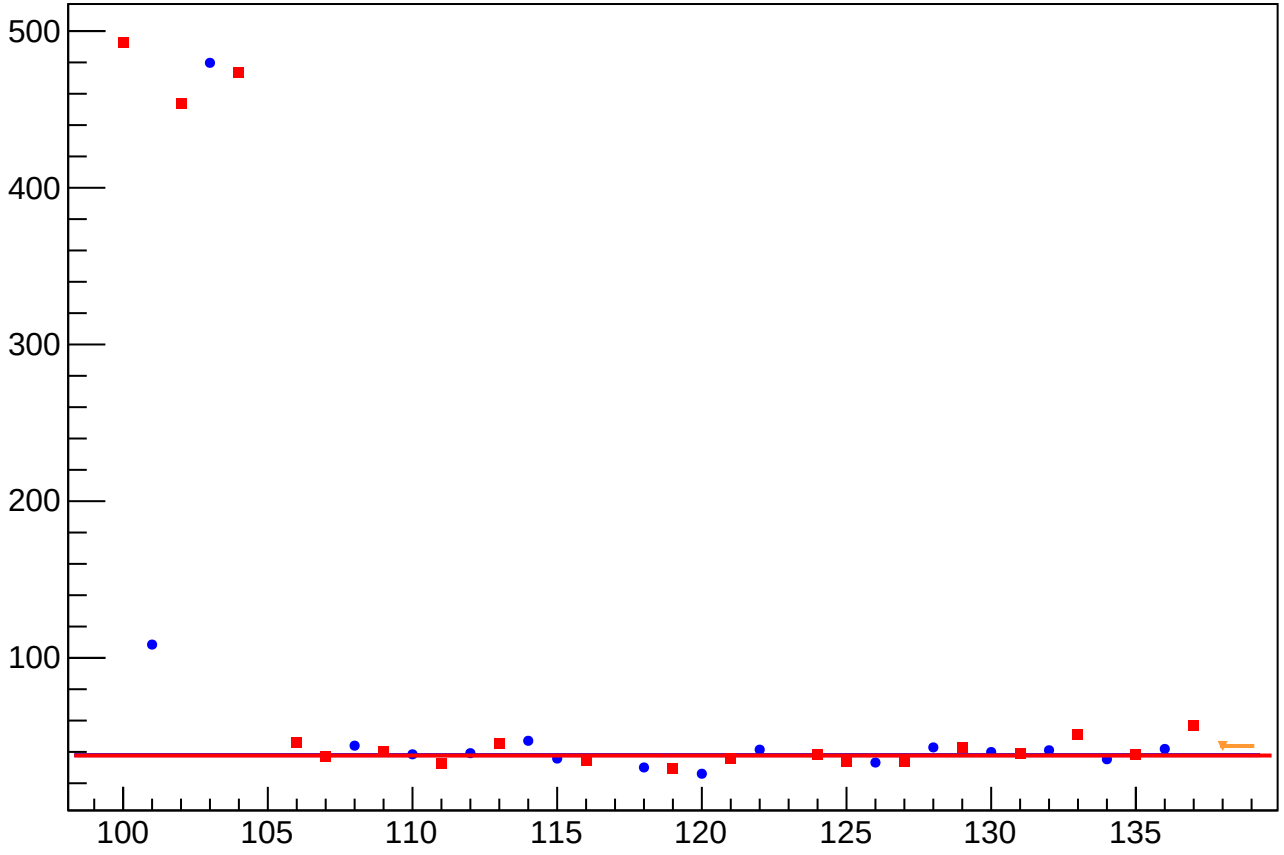
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.015 χ^2/NDF: 22.0/16

All: 0.005+/-0.011 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 37.942+/-0.011 χ^2/NDF: 1739669.4/15

Left Out: 43.777+/-0.037 χ^2/NDF:0.0/0

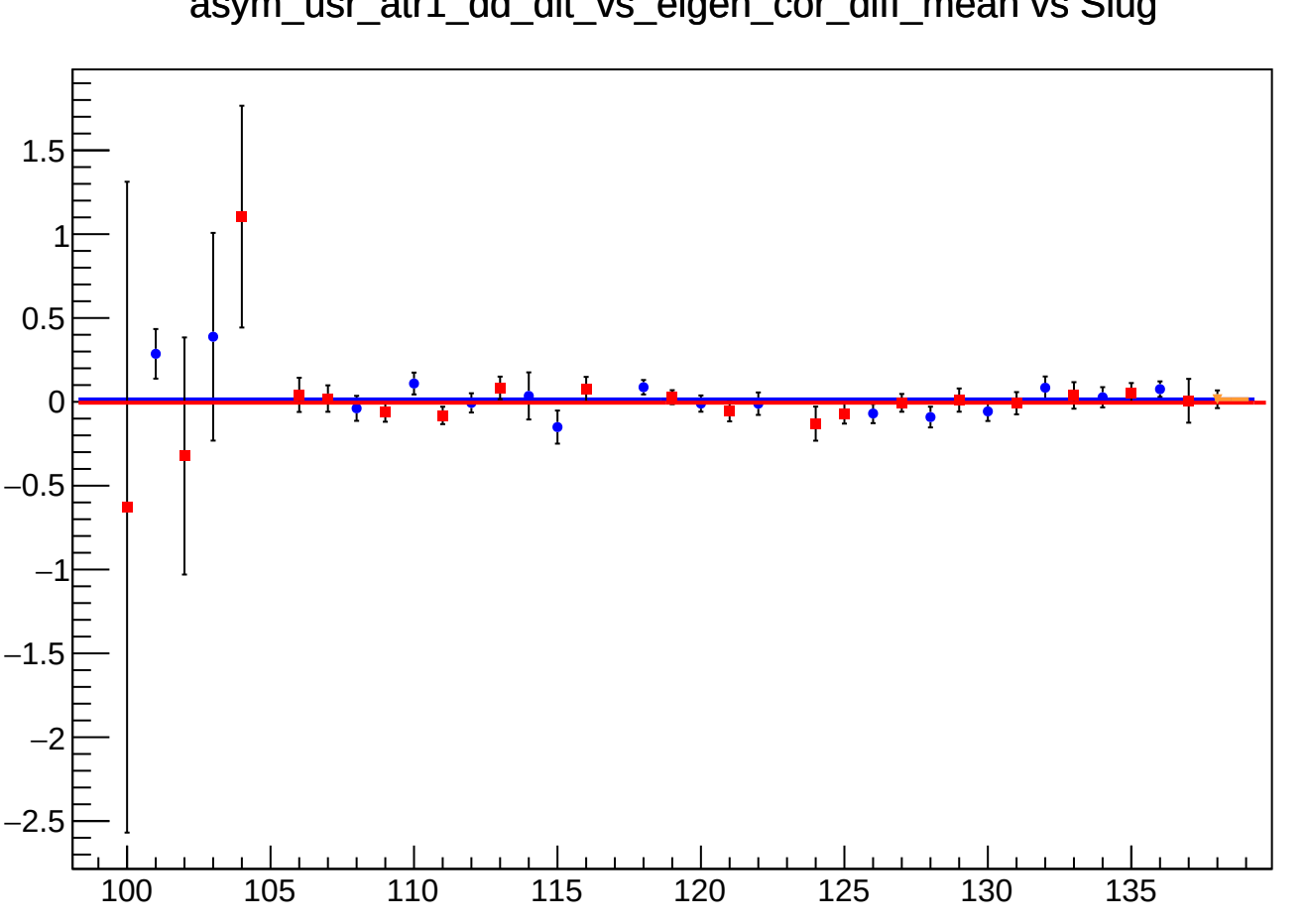
Right Out: 37.696+/-0.011 χ^2/NDF: 1944881.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 38.429+/-0.011 χ^2/NDF: 1762066.8/16

All: 38.081+/-0.008 χ^2/NDF: 3709144.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.016 χ^2/NDF: 22.0/15

Left Out: 0.015+/-0.053 χ^2/NDF:0.0/0

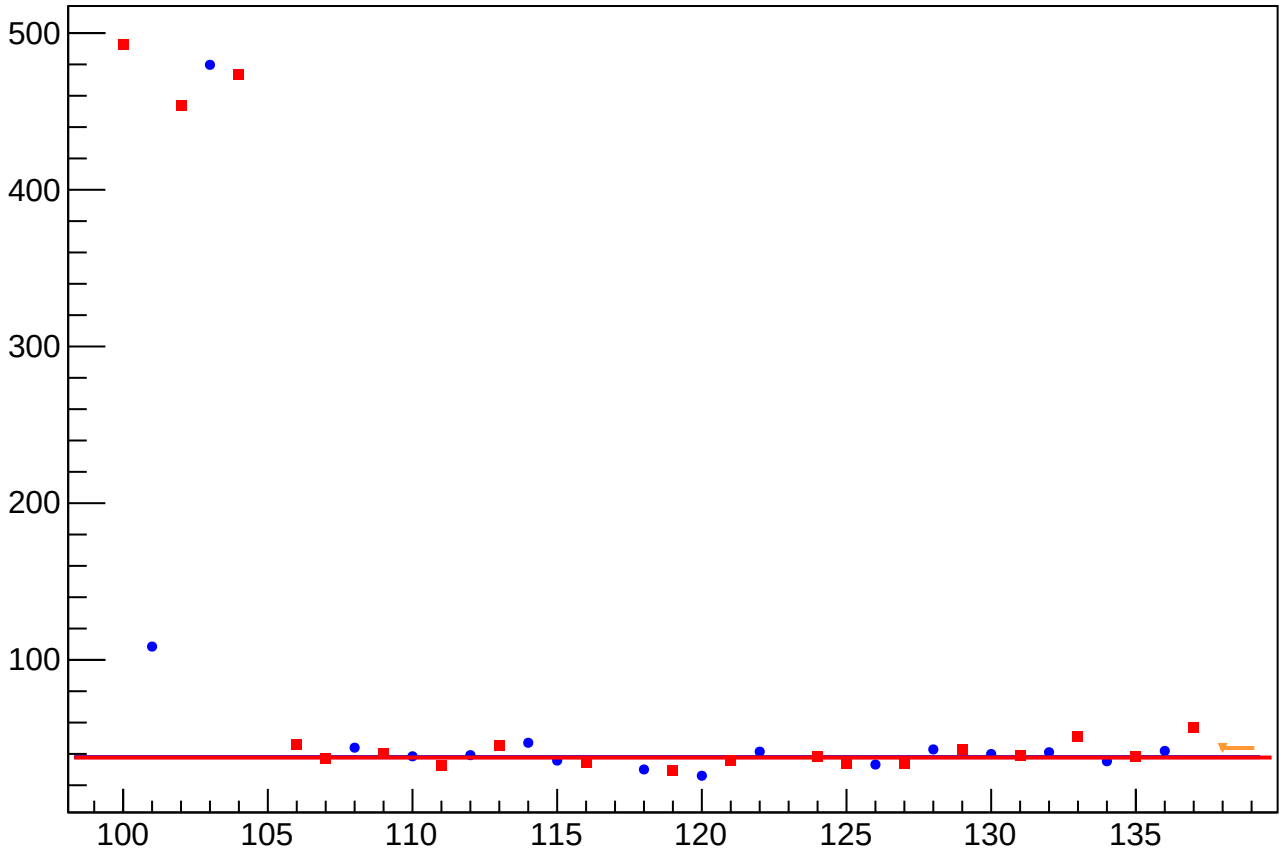
Right Out: -0.005+/-0.016 χ^2/NDF: 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.015 χ^2/NDF: 22.0/16

All: 0.005+/-0.011 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.942+/-0.011 χ^2/NDF: 1739669.4/15

Left Out: 43.777+/-0.037 χ^2/NDF:0.0/0

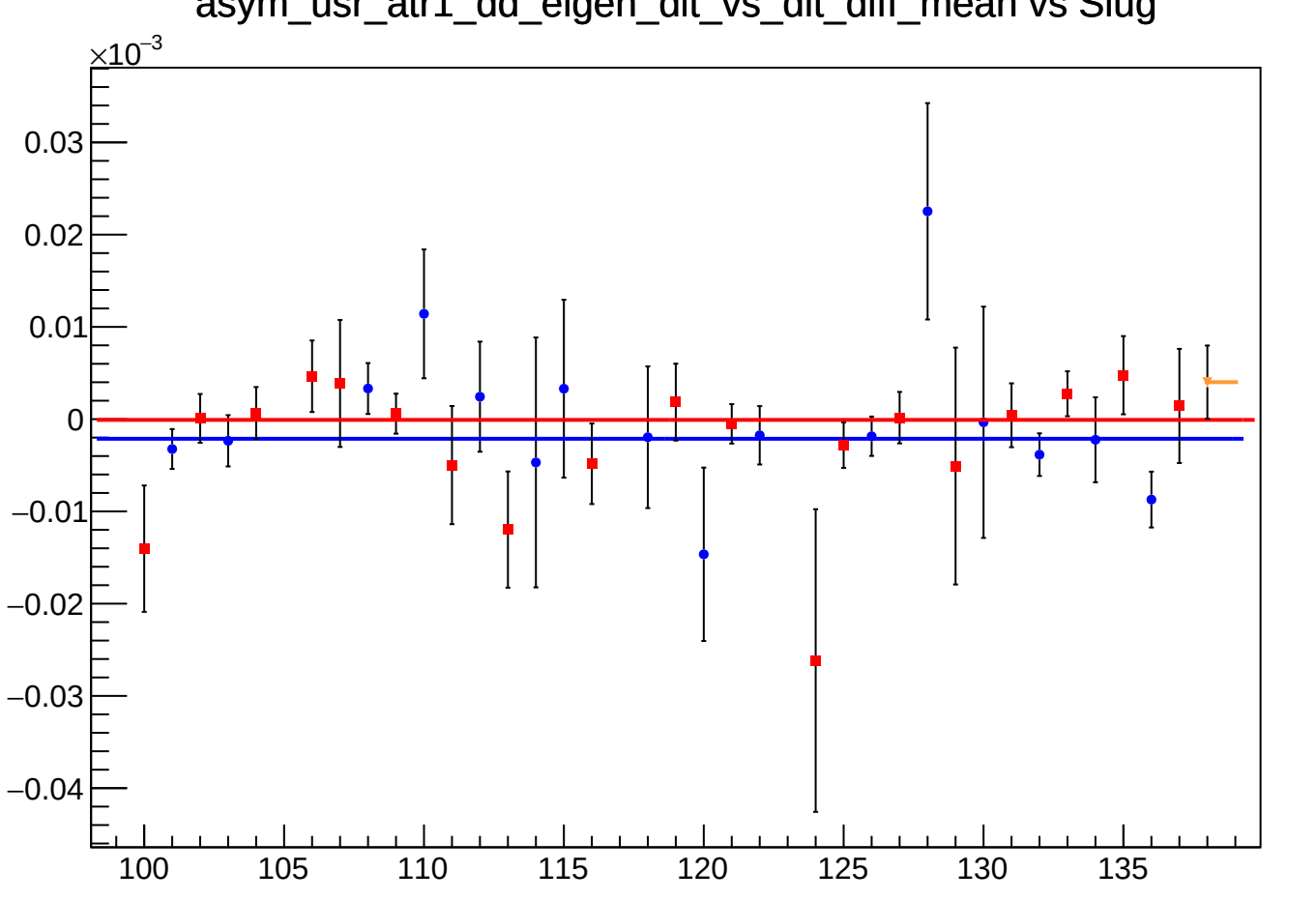
Right Out: 37.696+/-0.011 χ^2/NDF: 1944881.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 38.429+/-0.011 χ^2/NDF: 1762066.8/16

All: 38.081+/-0.008 χ^2/NDF: 3709144.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 18.4/18

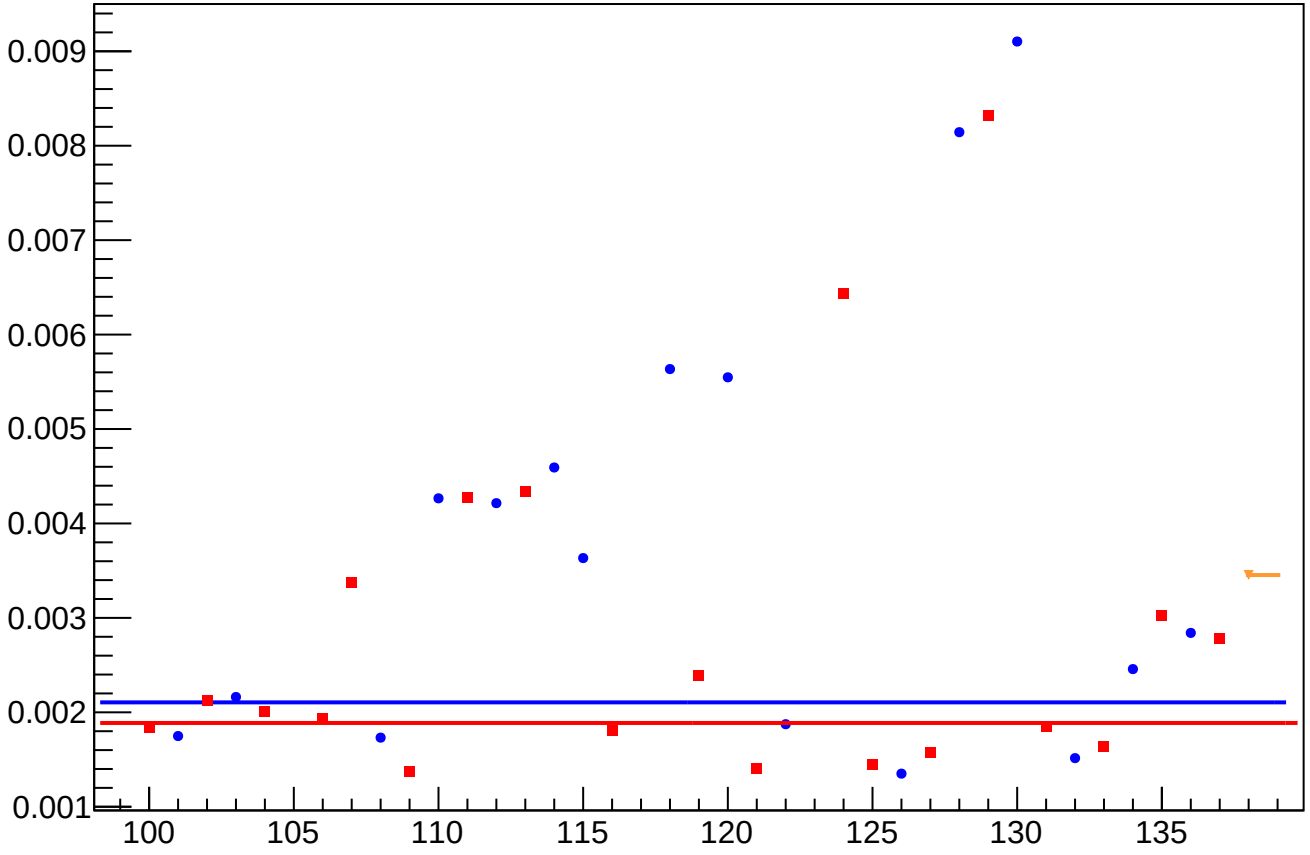
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.7/16

All: -0.000+/-0.000 χ^2/NDF: 43.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 3017568.9/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

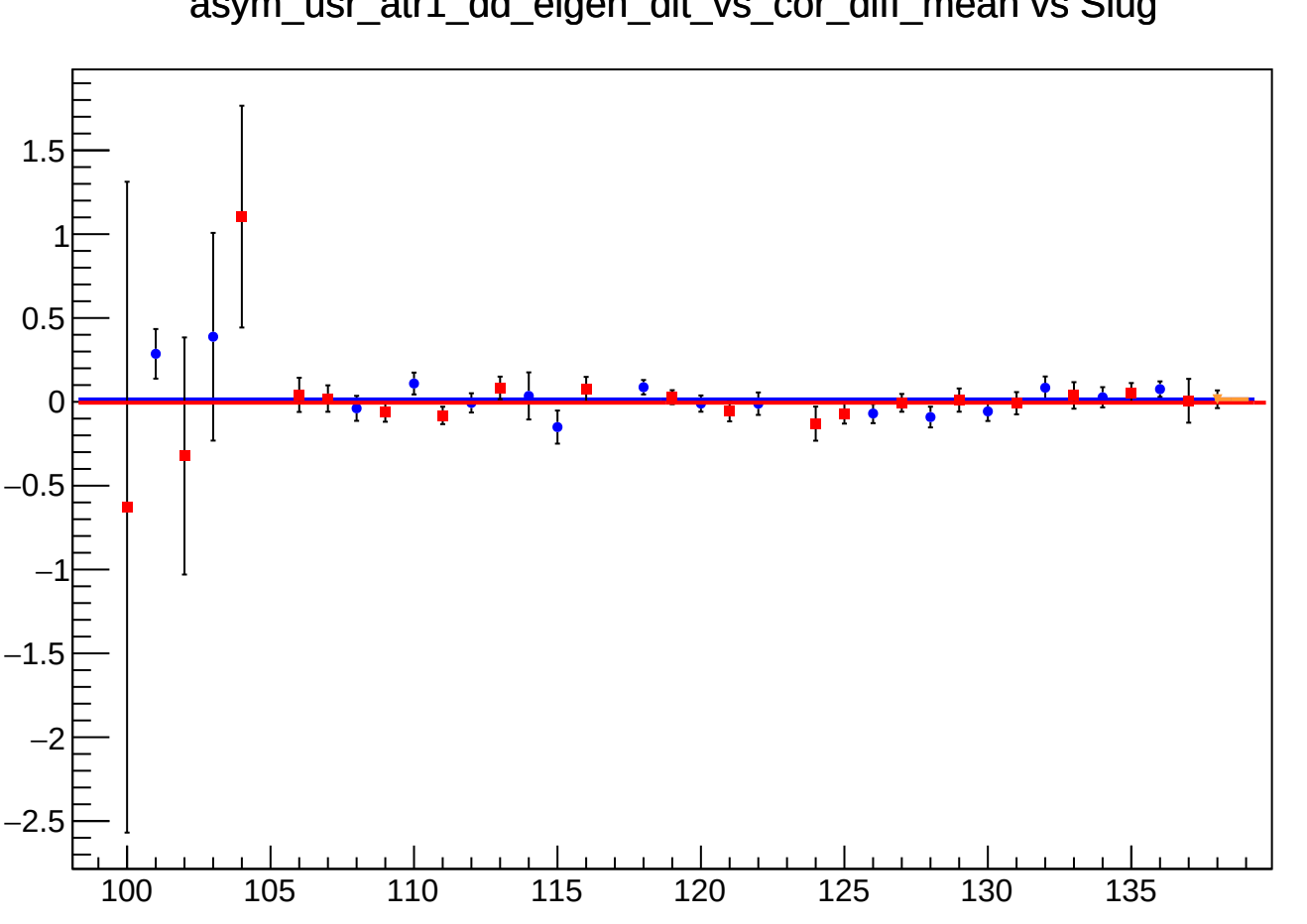
Right Out: 0.002+/-0.000 χ^2/NDF: 1892000.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 3237264.9/16

All: 0.002+/-0.000 χ^2/NDF: 5245156.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.016 χ^2/NDF: 22.0/15

Left Out: 0.015+/-0.053 χ^2/NDF:0.0/0

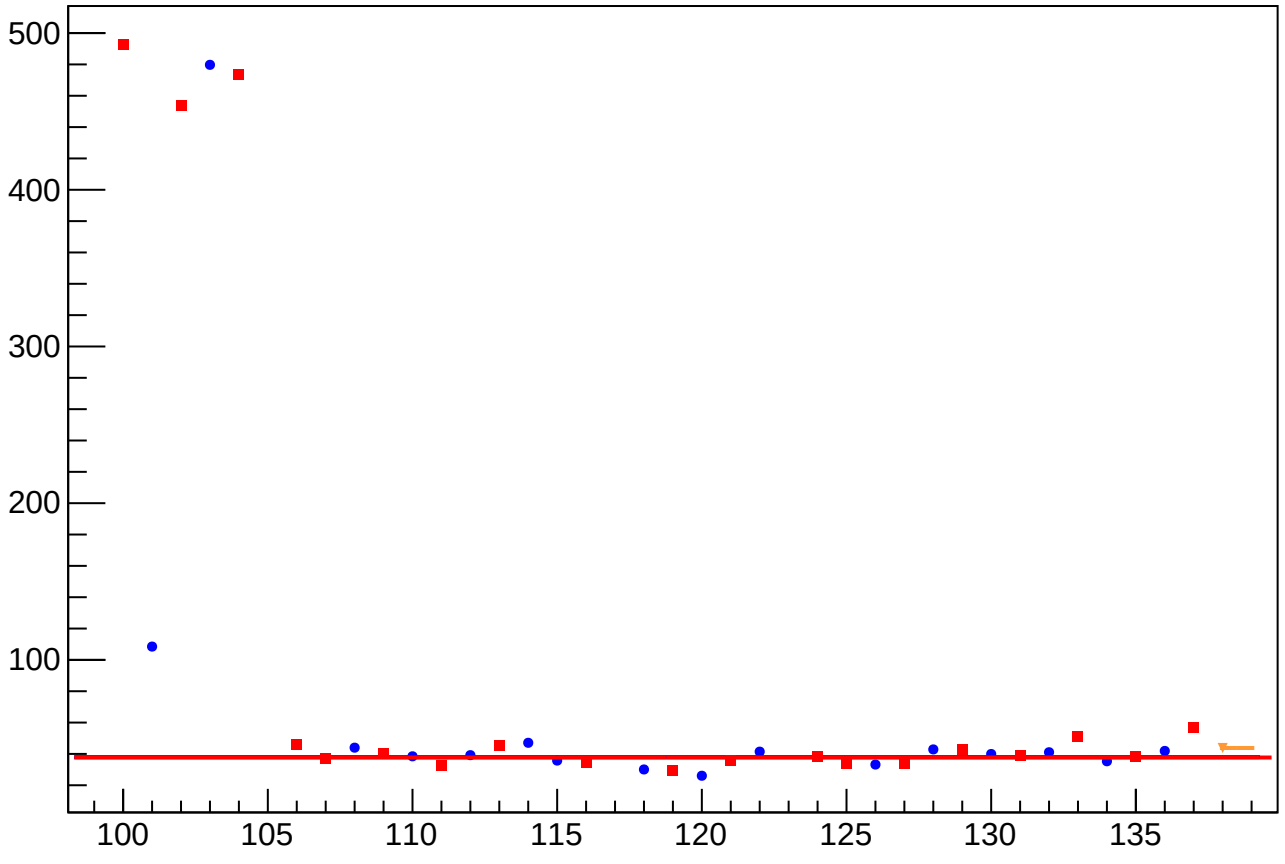
Right Out: -0.005+/-0.016 χ^2/NDF: 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.015 χ^2/NDF: 22.0/16

All: 0.005+/-0.011 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.942+/-0.011 χ^2/NDF: 1739681.1/15

Left Out: 43.779+/-0.037 χ^2/NDF:0.0/0

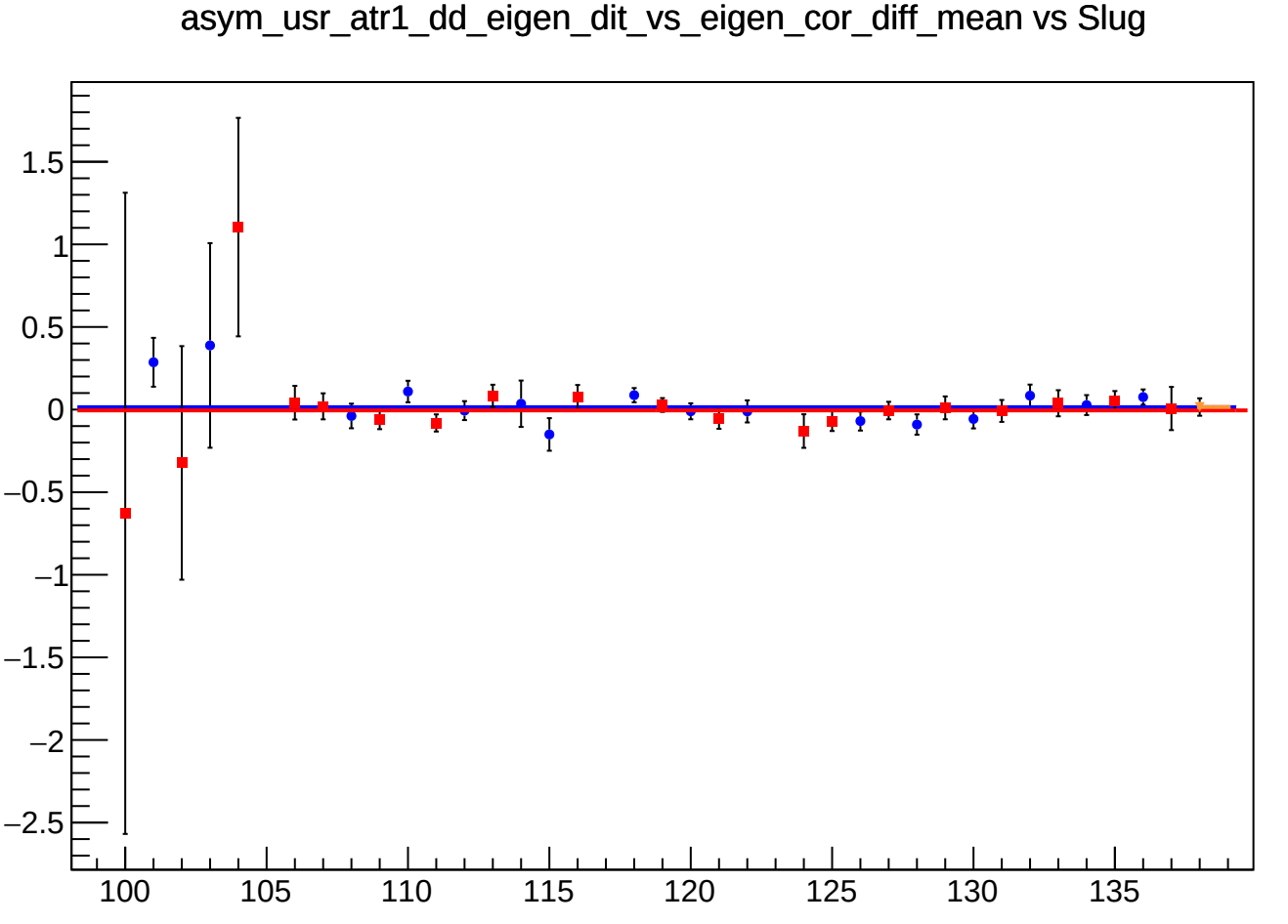
Right Out: 37.695+/-0.011 χ^2/NDF: 1944959.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 38.429+/-0.011 χ^2/NDF: 1762089.6/16

All: 38.080+/-0.008 χ^2/NDF: 3709249.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.016 χ^2/NDF: 22.0/15

Left Out: 0.015+/-0.053 χ^2/NDF:0.0/0

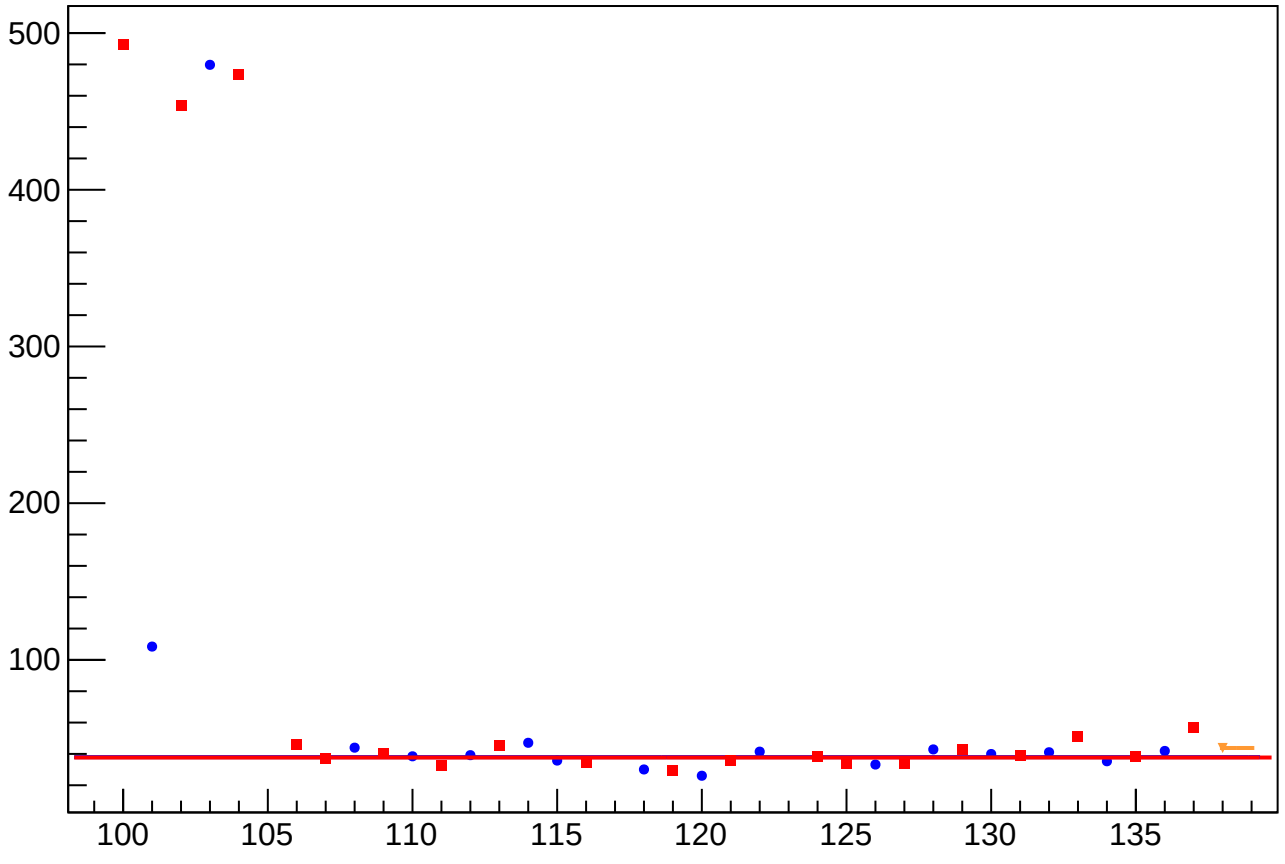
Right Out: -0.005+/-0.016 χ^2/NDF: 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.015 χ^2/NDF: 22.0/16

All: 0.005+/-0.011 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 37.942+/-0.011 χ^2/NDF: 1739681.1/15

Left Out: 43.779+/-0.037 χ^2/NDF:0.0/0

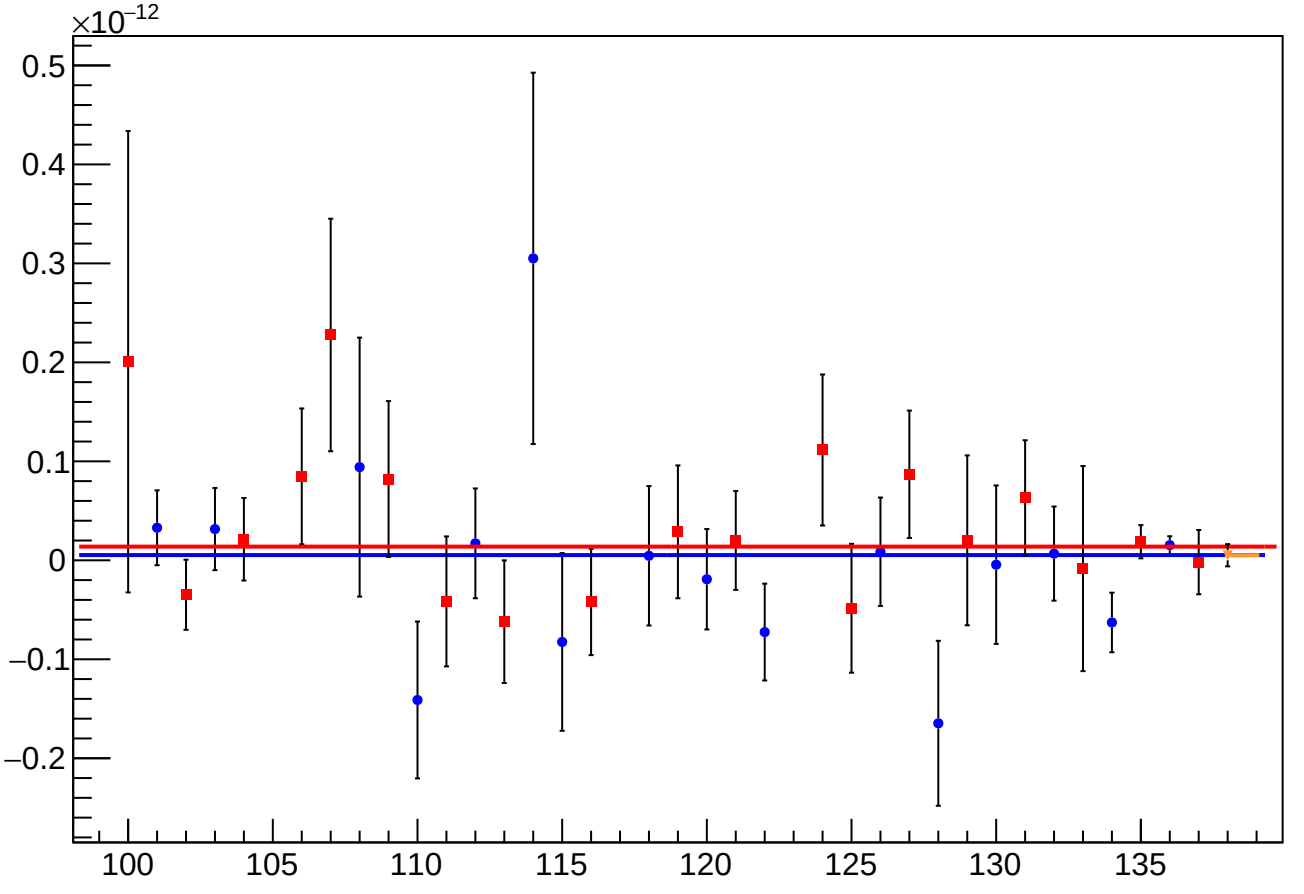
Right Out: 37.695+/-0.011 χ^2/NDF: 1944959.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 38.429+/-0.011 χ^2/NDF: 1762089.6/16

All: 38.080+/-0.008 χ^2/NDF: 3709249.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 21.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

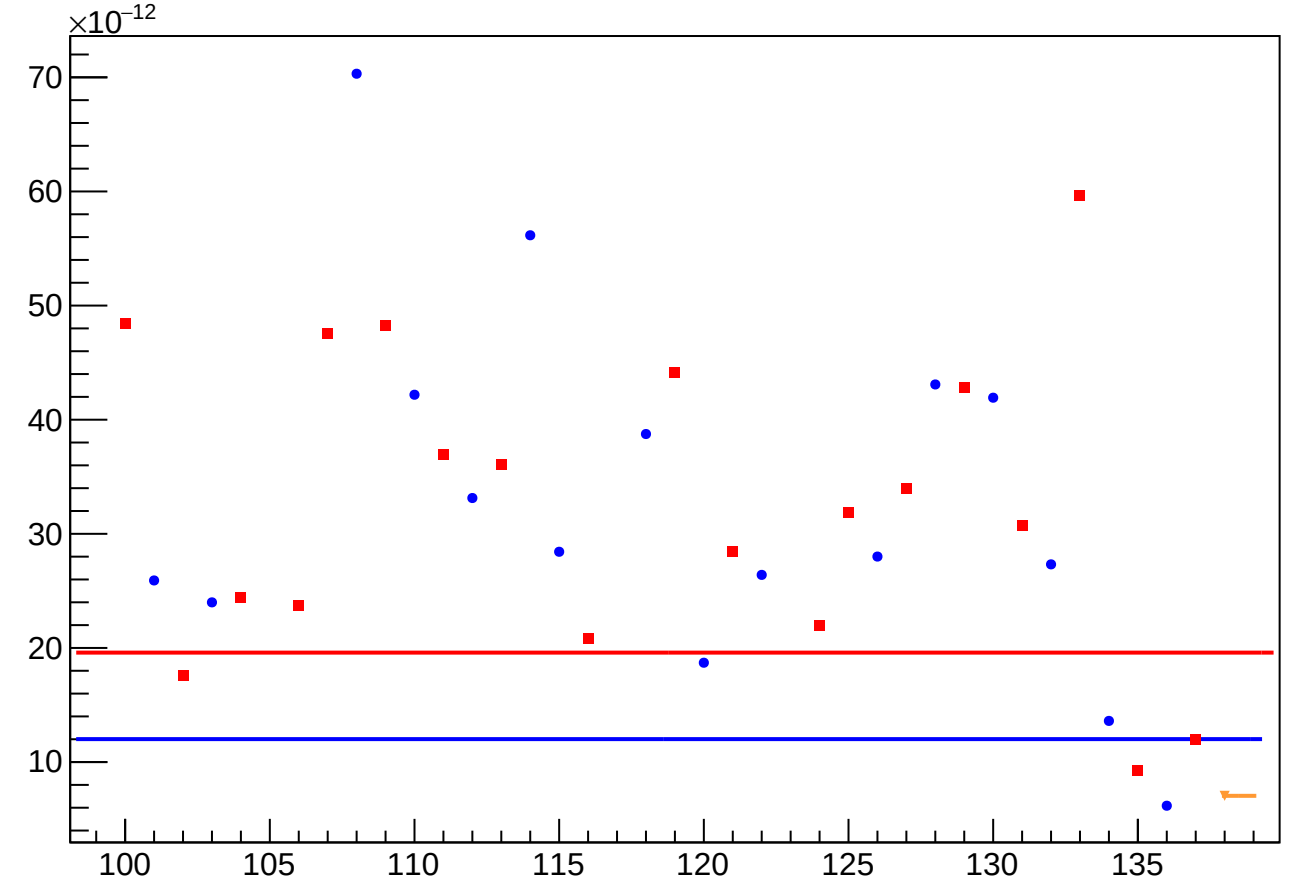
Right Out: 0.000+/-0.000 χ^2/NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 21.7/16

All: 0.000+/-0.000 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3869196.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2619469.9/18

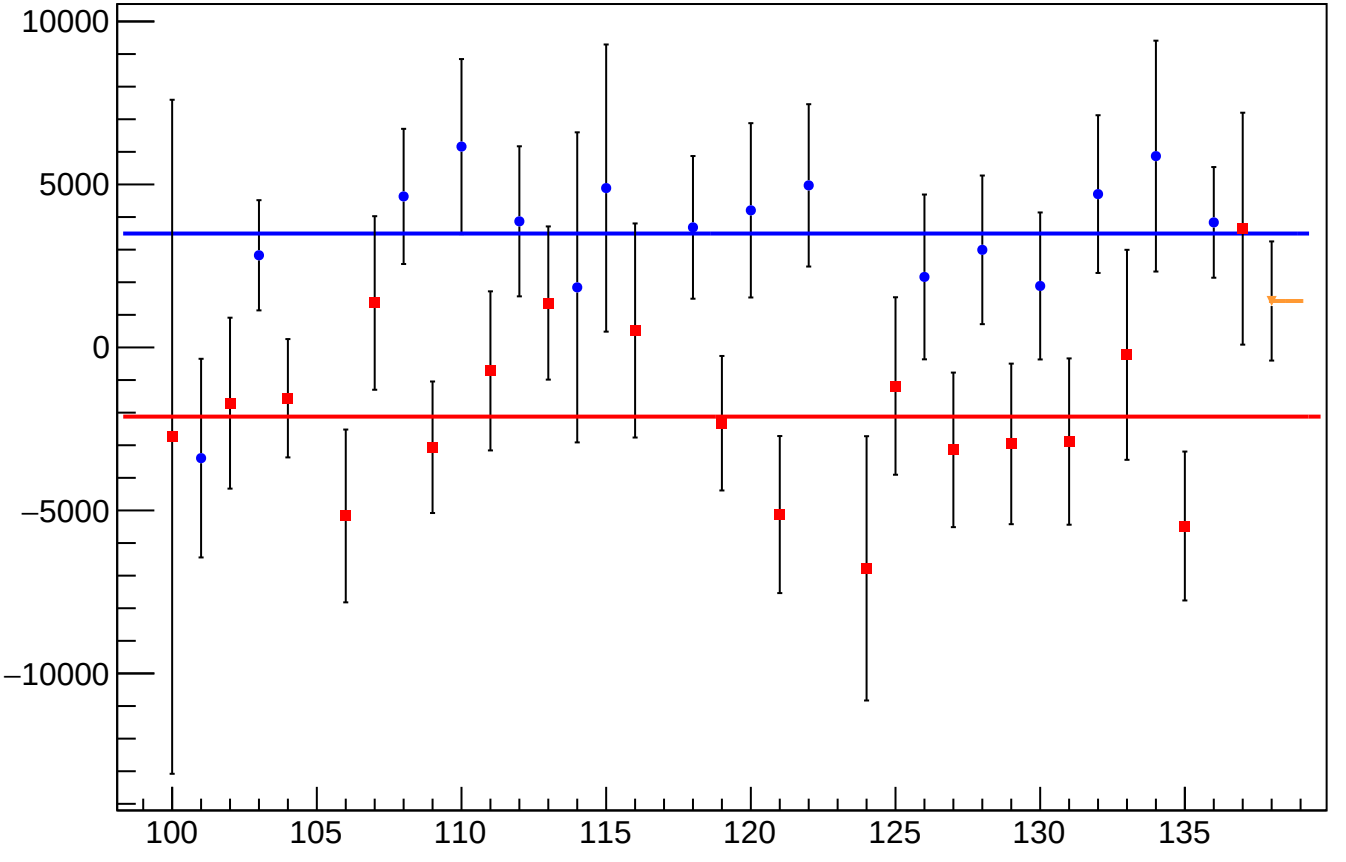
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4139018.7/16

All: 0.000+/-0.000 χ^2/NDF: 7864171.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3494.380+/-601.185 χ^2/NDF: 8.8/15

Left Out: 1424.883+/-1827.688 χ^2/NDF:0.0/0

Right Out: -2121.717+/-587.617 χ^2/NDF: 15.1/18

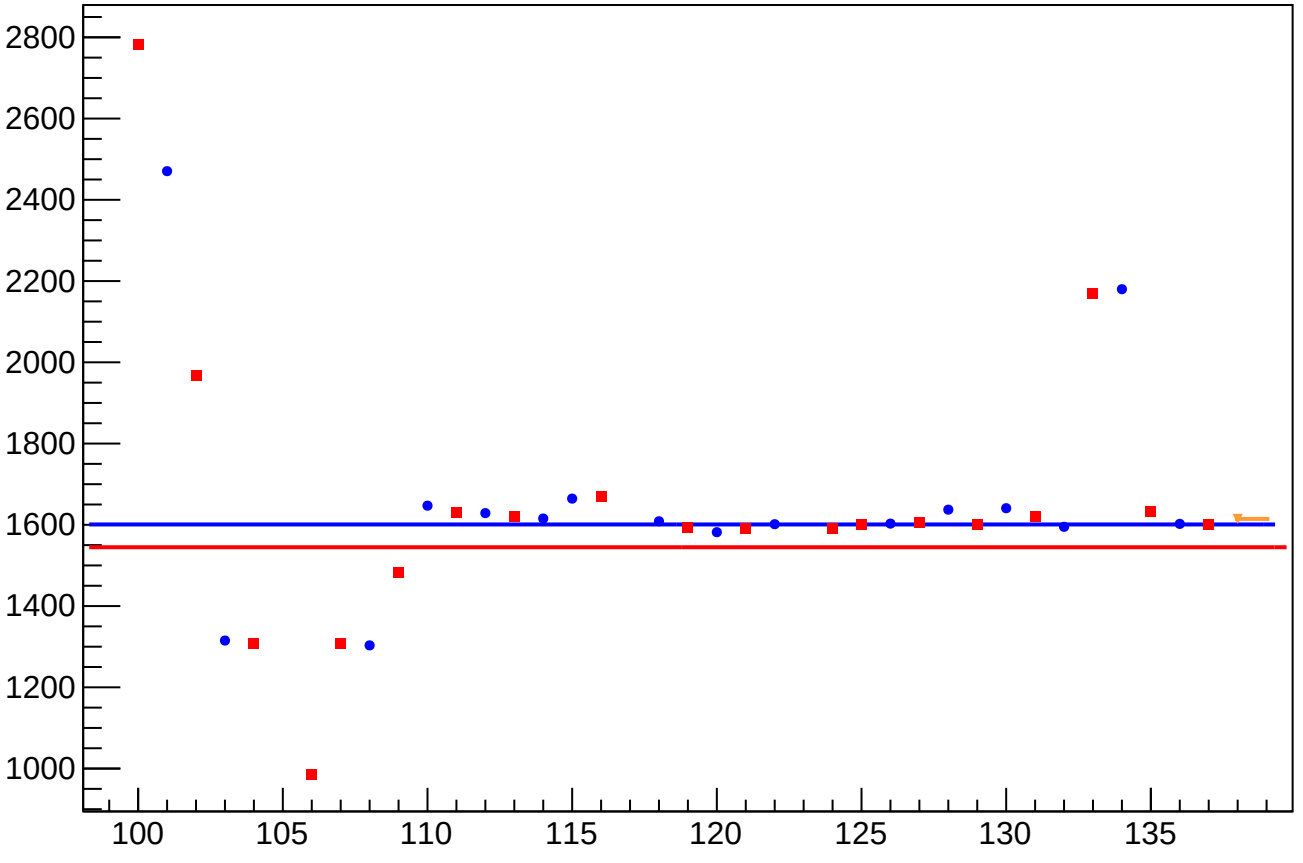
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3292.329+/-571.084 χ^2/NDF: 10.0/16

All: 662.541+/-409.537 χ^2/NDF: 68.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.880+/-0.425 χ^2/NDF: 317414.0/15

Left Out: 1614.567+/-1.292 χ^2/NDF:0.0/0

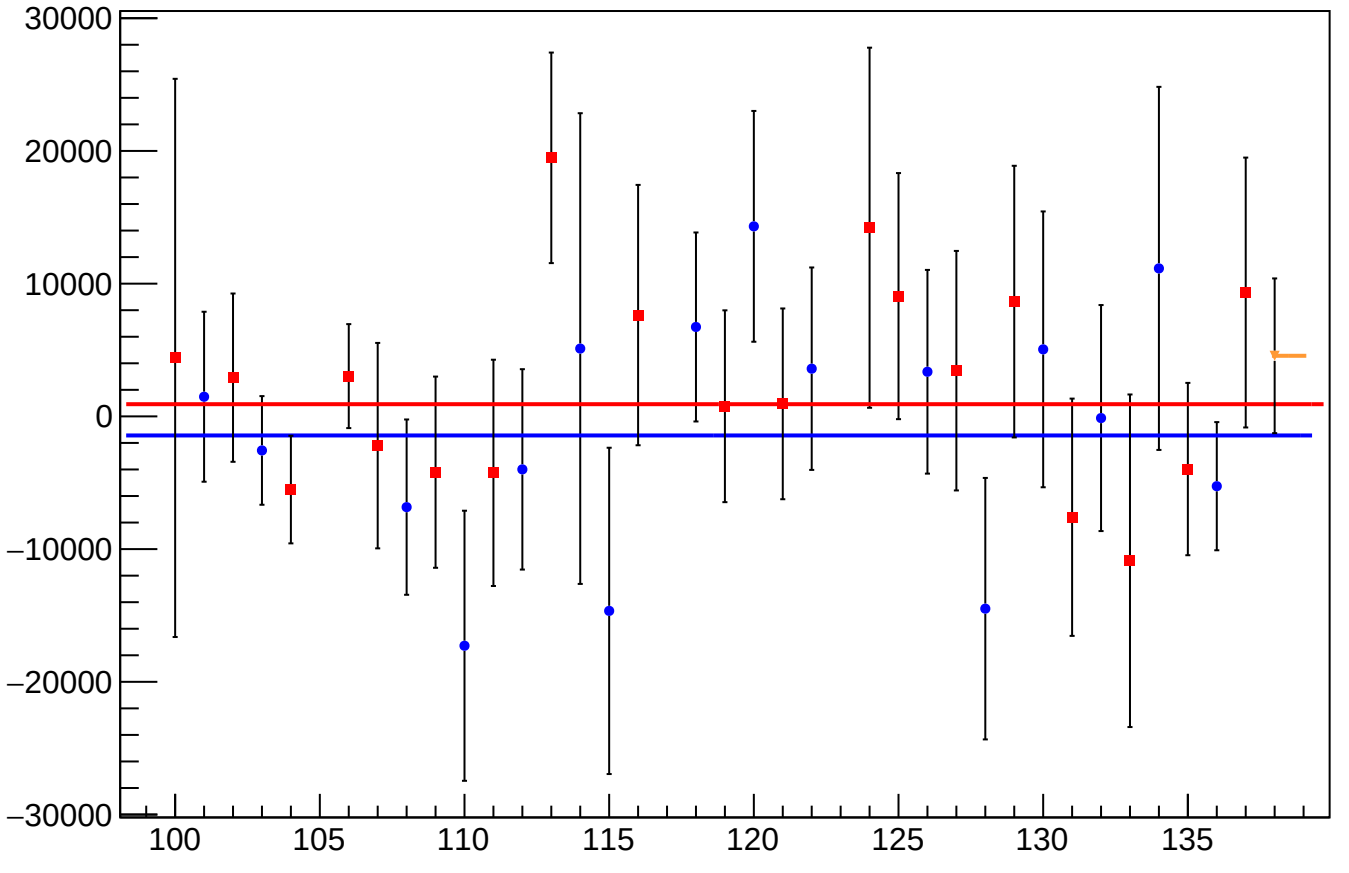
Right Out: 1544.809+/-0.409 χ^2/NDF: 376127.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1602.216+/-0.404 χ^2/NDF: 317515.2/16

All: 1573.849+/-0.287 χ^2/NDF: 703629.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1437.118+/-1848.287 χ^2/NDF: 13.9/15

Left Out: 4565.351+/-5828.794 χ^2/NDF:0.0/0

Right Out: 918.485+/-1669.278 χ^2/NDF: 15.3/18

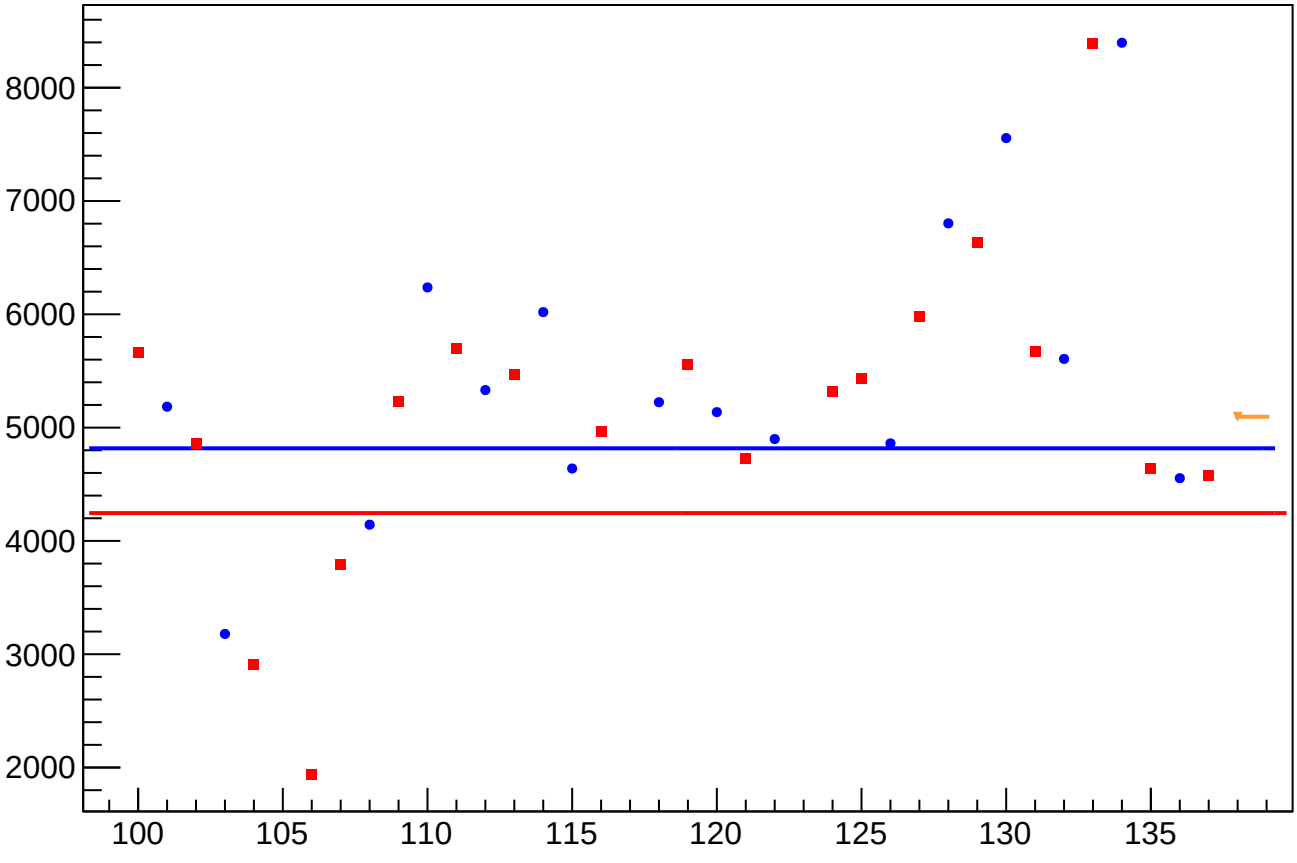
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -888.713+/-1761.832 χ^2/NDF: 14.8/16

All: 63.600+/-1211.757 χ^2/NDF: 30.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 4817.344+/-1.307 χ^2/NDF: 795431.1/15

Left Out: 5095.964+/-4.122 χ^2/NDF:0.0/0

Right Out: 4245.533+/-1.180 χ^2/NDF: 1683159.2/18

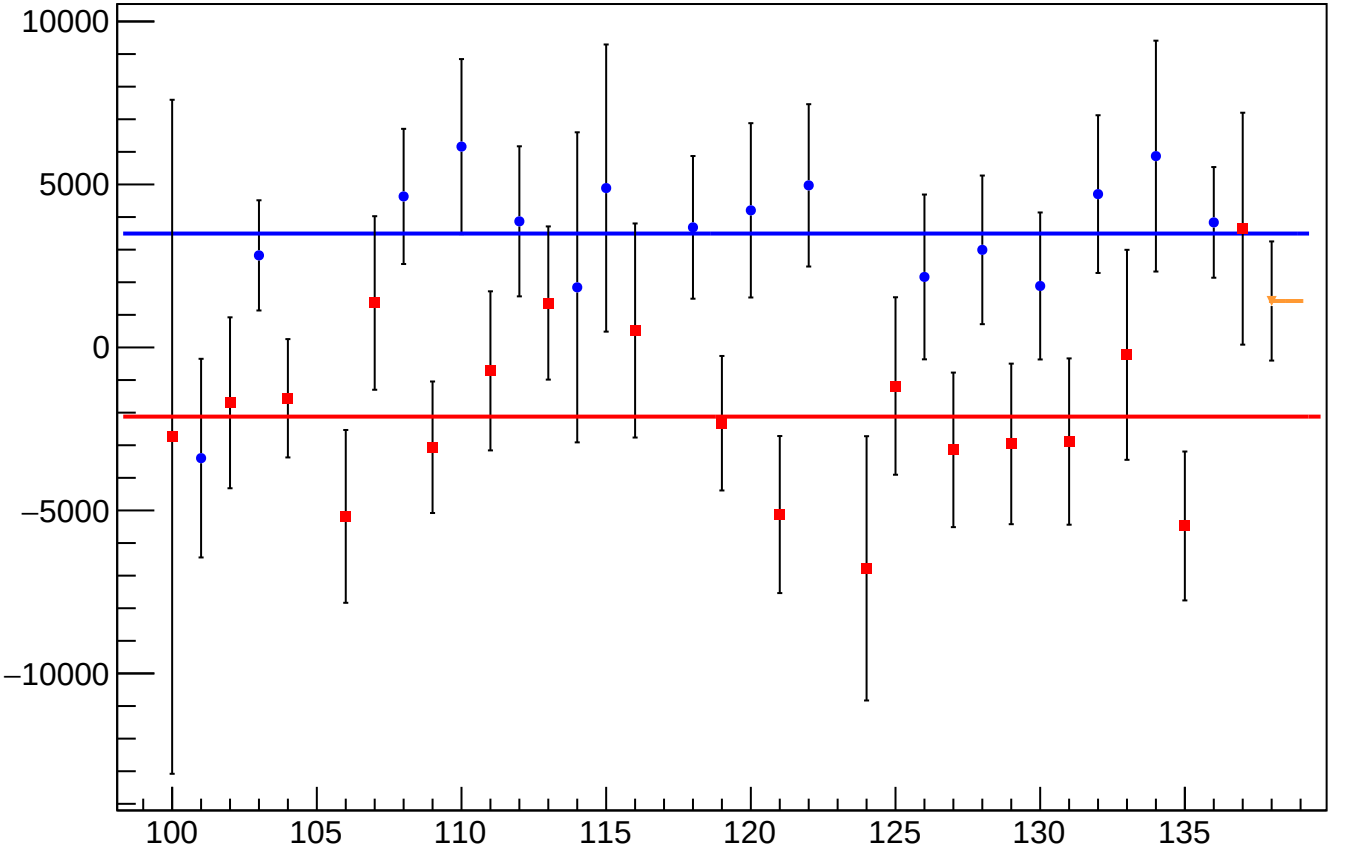
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4842.799+/-1.246 χ^2/NDF: 799583.4/16

All: 4528.067+/-0.857 χ^2/NDF: 2603861.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3494.046+/-601.185 χ^2/NDF: 8.8/15

Left Out: 1424.917+/-1827.688 χ^2/NDF:0.0/0

Right Out: -2121.708+/-587.619 χ^2/NDF: 15.1/18

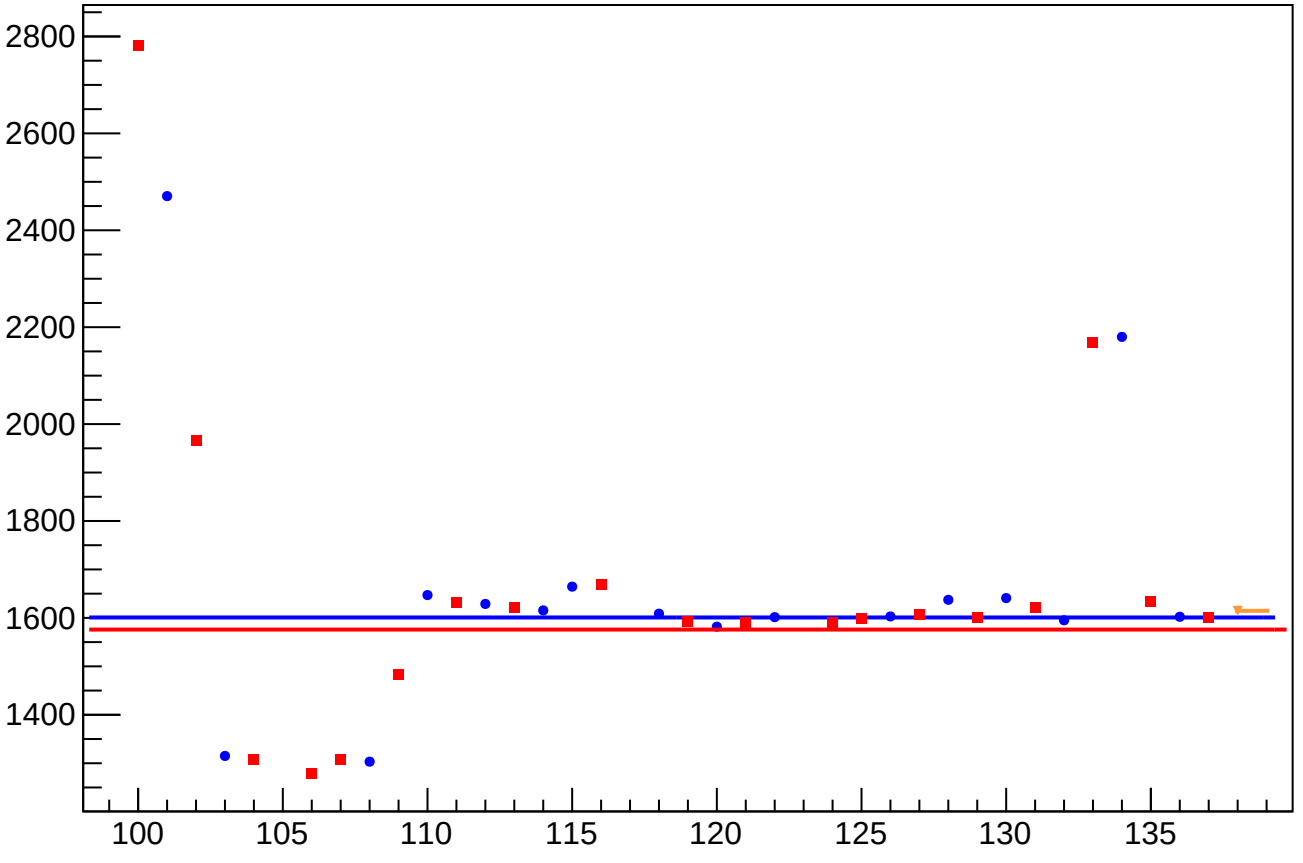
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3292.031+/-571.084 χ^2/NDF: 10.0/16

All: 662.405+/-409.538 χ^2/NDF: 68.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.880+/-0.425 χ^2/NDF: 317413.1/15

Left Out: 1614.567+/-1.292 χ^2/NDF:0.0/0

Right Out: 1575.900+/-0.414 χ^2/NDF: 243332.0/18

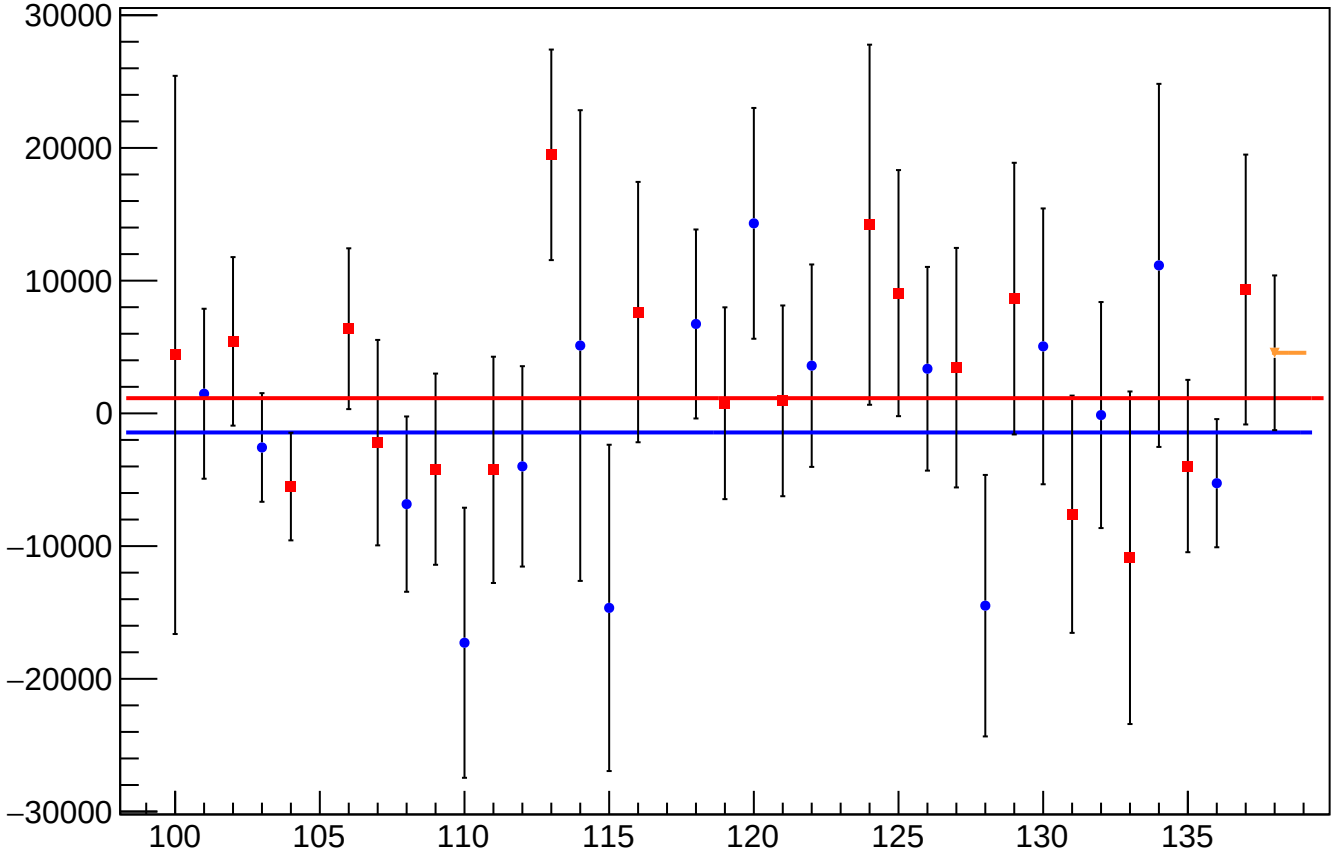
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1602.216+/-0.404 χ^2/NDF: 317514.4/16

All: 1589.382+/-0.289 χ^2/NDF: 562917.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -1437.362+/-1848.324 χ^2/NDF: 13.9/15

Left Out: 4565.429+/-5828.787 χ^2/NDF:0.0/0

Right Out: 1146.174+/-1765.384 χ^2/NDF: 16.3/18

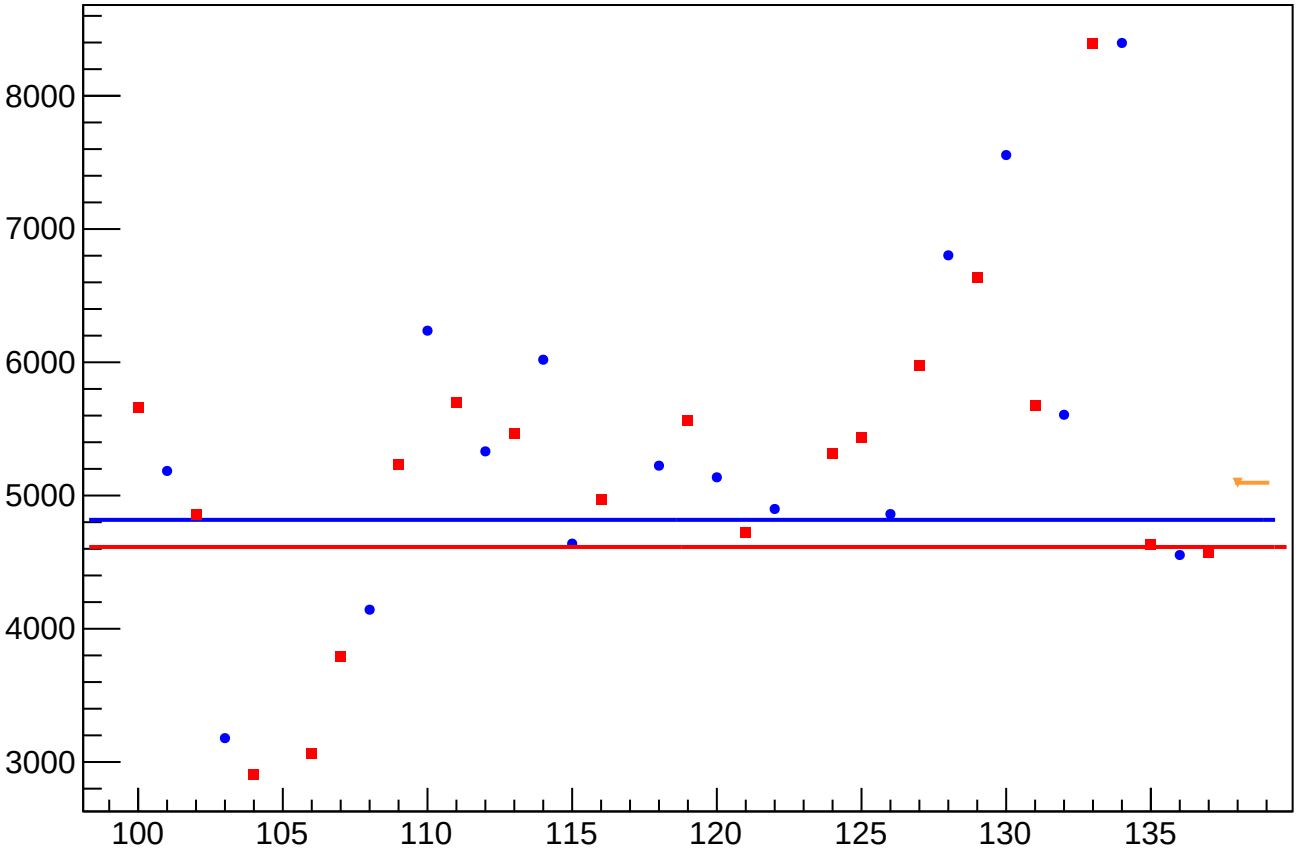
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -888.906+/-1761.864 χ^2/NDF: 14.8/16

All: 126.604+/-1247.069 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 4817.480+/-1.307 χ^2/NDF: 795233.3/15

Left Out: 5095.958+/-4.122 χ^2/NDF:0.0/0

Right Out: 4613.851+/-1.248 χ^2/NDF: 977958.2/18

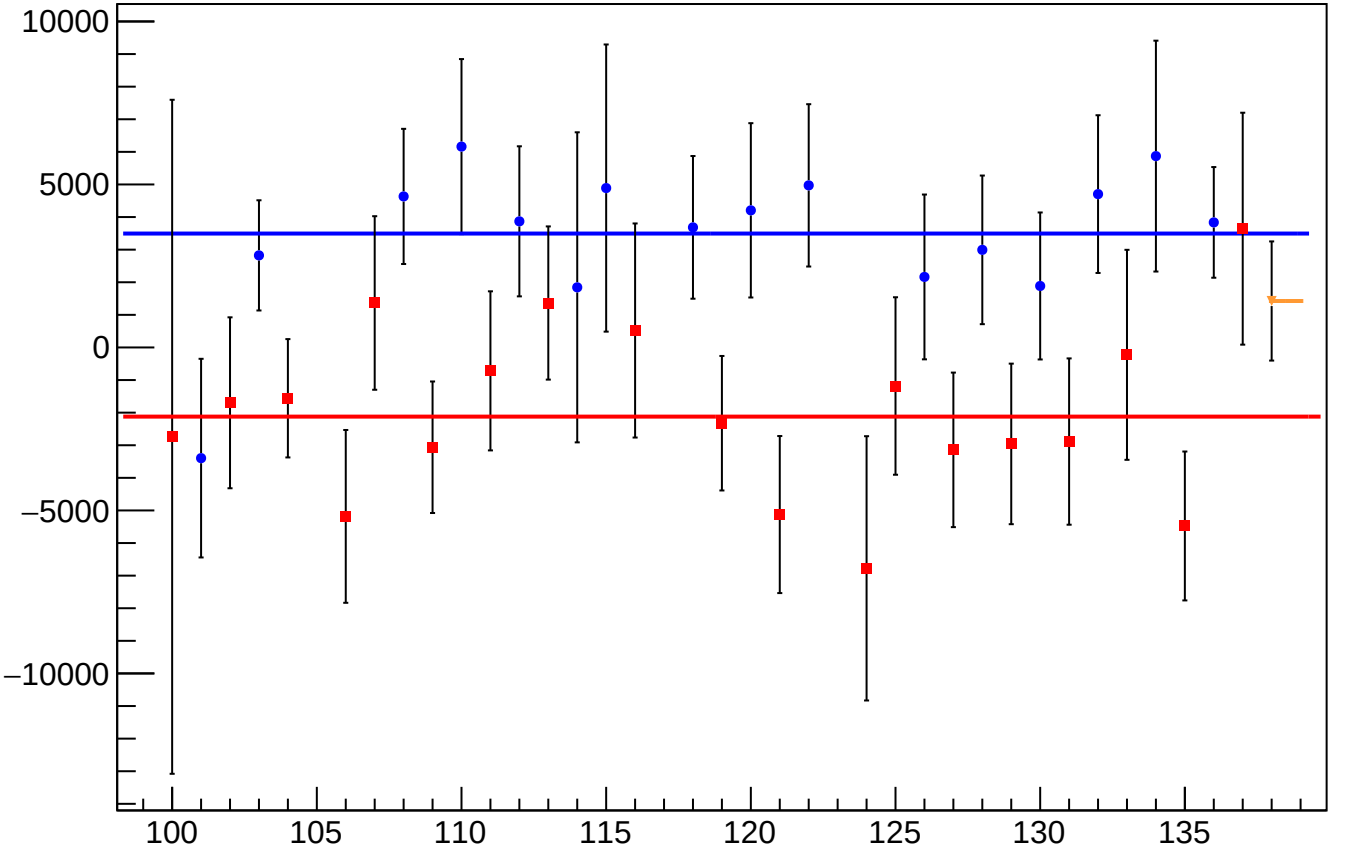
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4842.923+/-1.246 χ^2/NDF: 799381.4/16

All: 4728.616+/-0.882 χ^2/NDF: 1794210.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3494.046+/-601.185 χ^2/NDF: 8.8/15

Left Out: 1424.917+/-1827.688 χ^2/NDF:0.0/0

Right Out: -2121.708+/-587.619 χ^2/NDF: 15.1/18

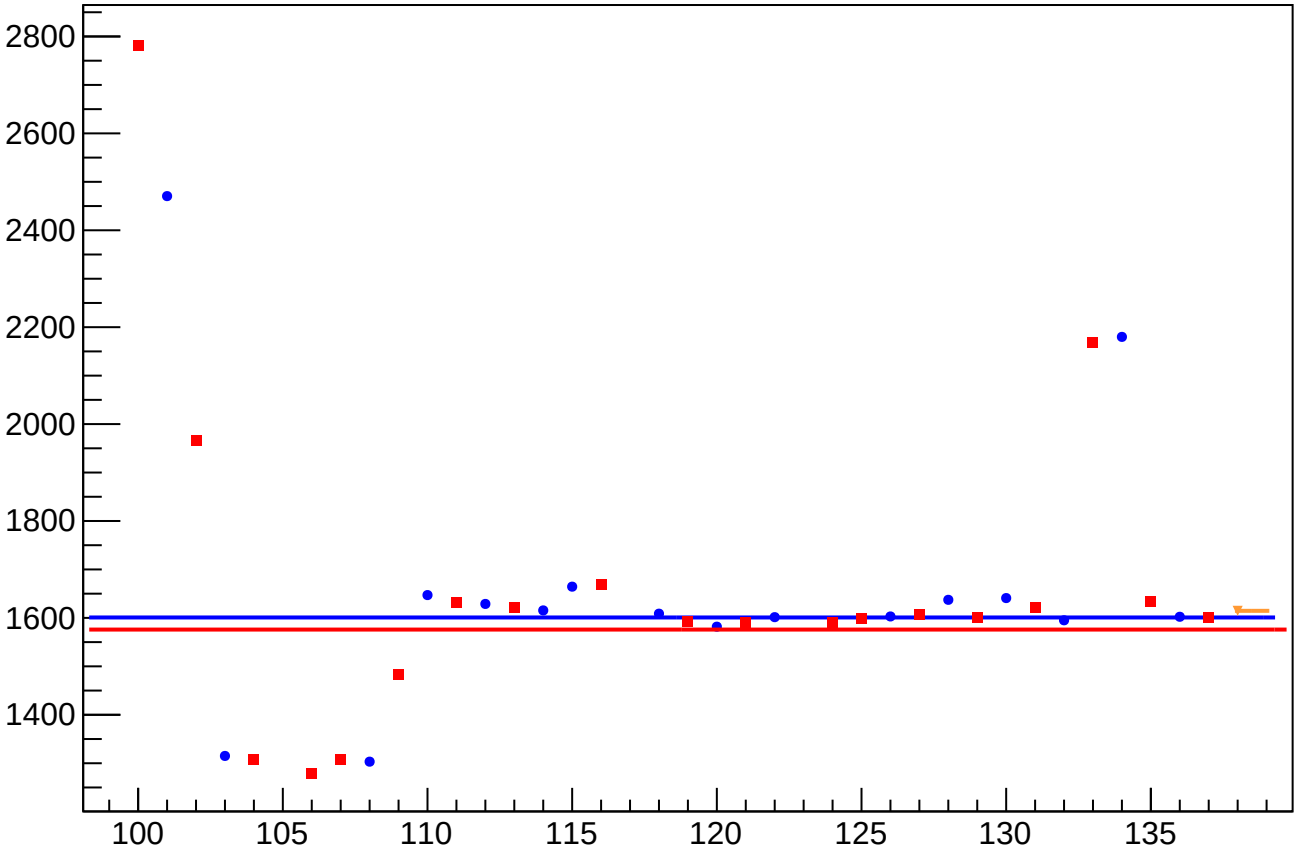
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3292.031+/-571.084 χ^2/NDF: 10.0/16

All: 662.405+/-409.538 χ^2/NDF: 68.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.880+/-0.425 χ^2/NDF: 317413.1/15

Left Out: 1614.567+/-1.292 χ^2/NDF:0.0/0

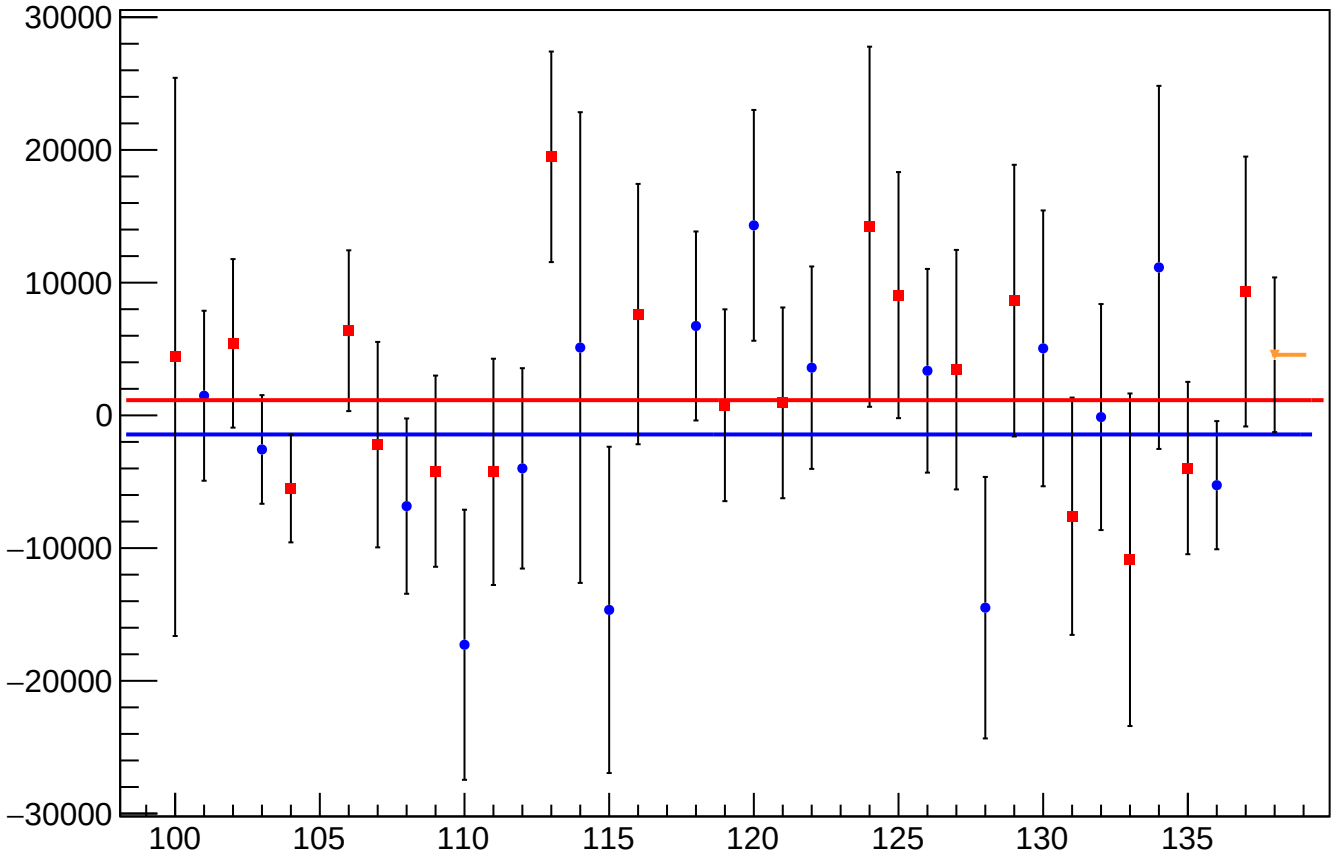
Right Out: 1575.900+/-0.414 χ^2/NDF: 243332.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1602.216+/-0.404 χ^2/NDF: 317514.4/16

All: 1589.382+/-0.289 χ^2/NDF: 562917.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1437.362+/-1848.324 χ^2/NDF: 13.9/15

Left Out: 4565.429+/-5828.787 χ^2/NDF:0.0/0

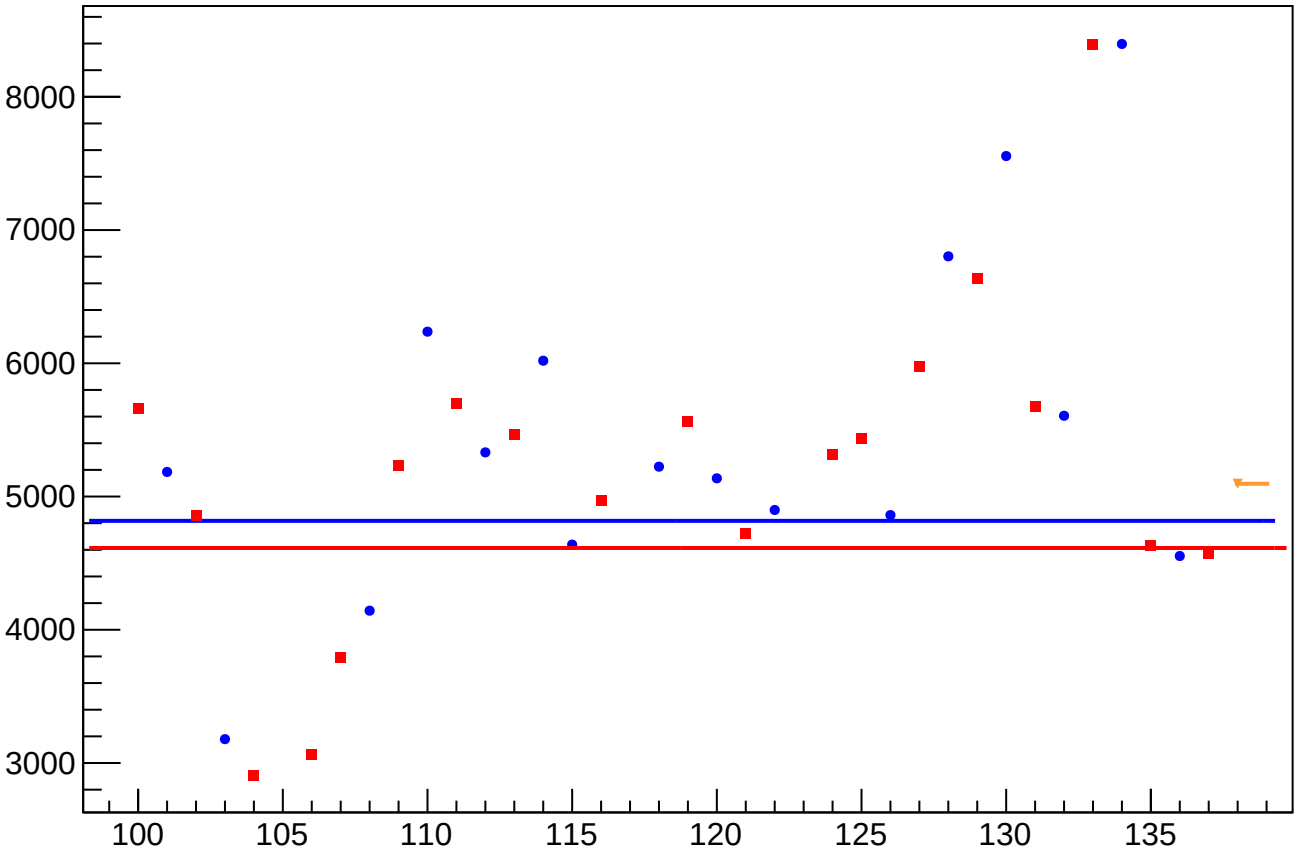
Right Out: 1146.174+/-1765.384 χ^2/NDF: 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -888.906+/-1761.864 χ^2/NDF: 14.8/16

All: 126.604+/-1247.069 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4817.480+/-1.307 χ^2/NDF: 795233.3/15

Left Out: 5095.958+/-4.122 χ^2/NDF:0.0/0

Right Out: 4613.851+/-1.248 χ^2/NDF: 977958.2/18

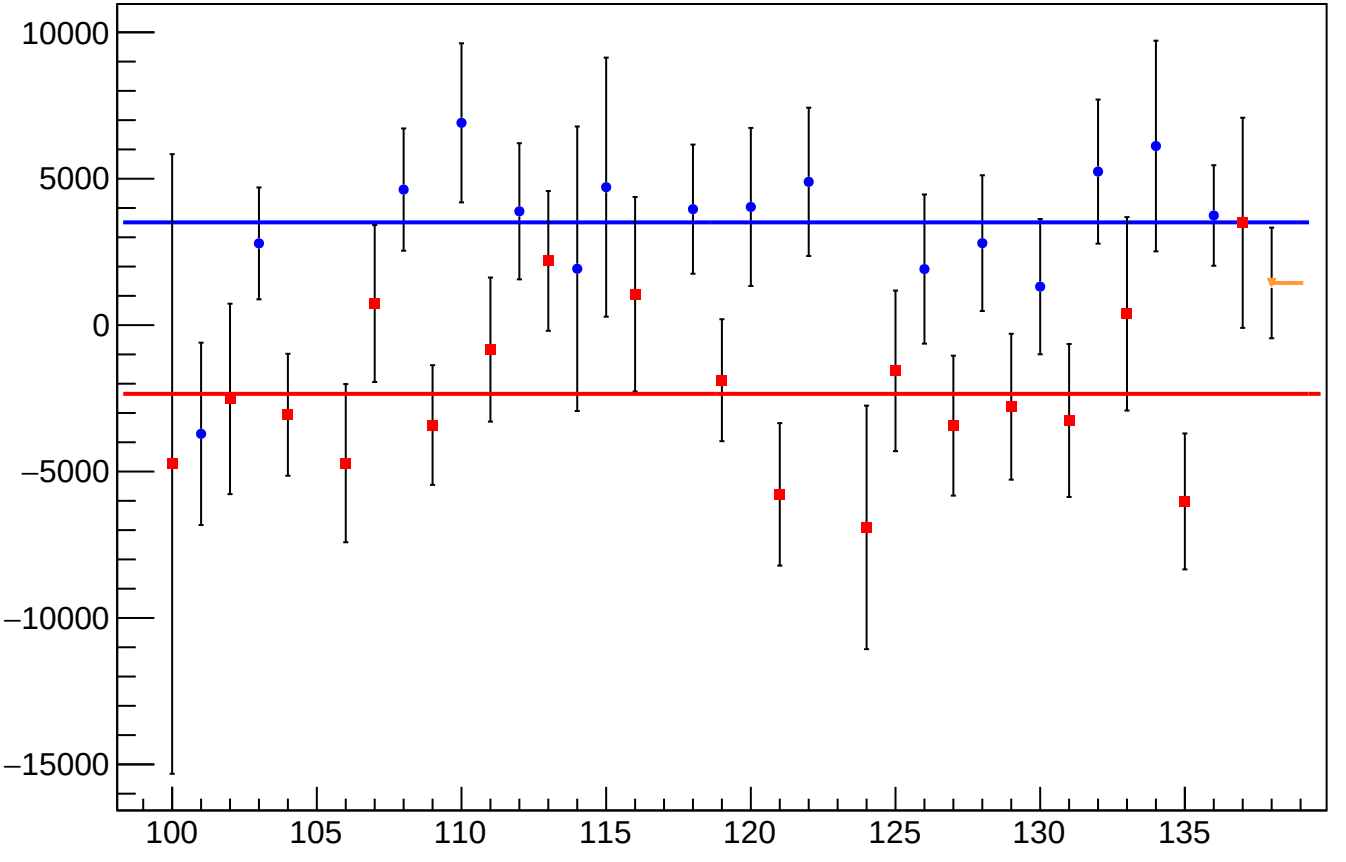
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4842.923+/-1.246 χ^2/NDF: 799381.4/16

All: 4728.616+/-0.882 χ^2/NDF: 1794210.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3509.507+/-616.724 χ^2/NDF: 10.4/15

Left Out: 1441.193+/-1889.466 χ^2/NDF:0.0/0

Right Out: -2346.859+/-607.502 χ^2/NDF: 17.1/18

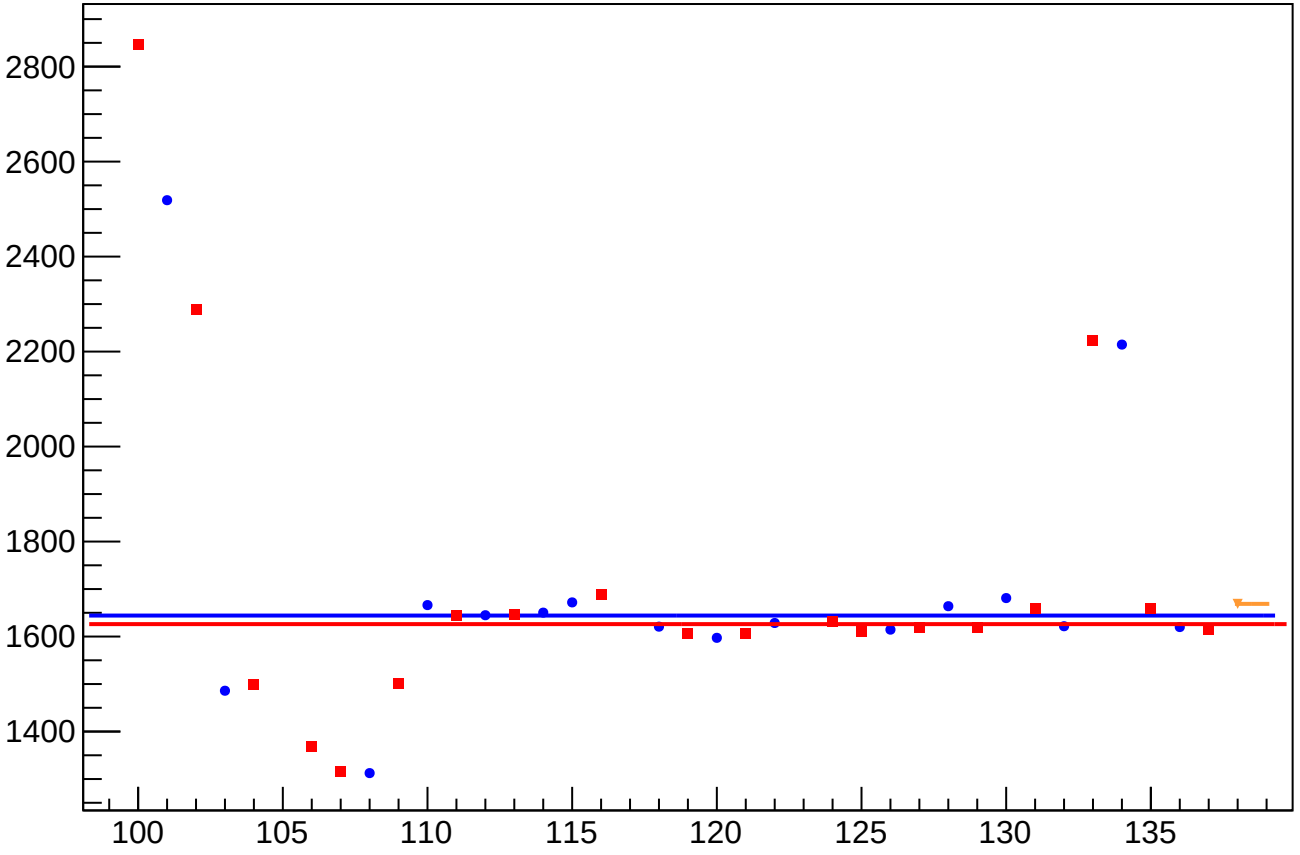
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3310.369+/-586.284 χ^2/NDF: 11.5/16

All: 582.274+/-421.867 χ^2/NDF: 73.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1644.198+/-0.436 χ^2/NDF: 274817.9/15

Left Out: 1668.803+/-1.336 χ^2/NDF:0.0/0

Right Out: 1626.174+/-0.429 χ^2/NDF: 237639.1/18

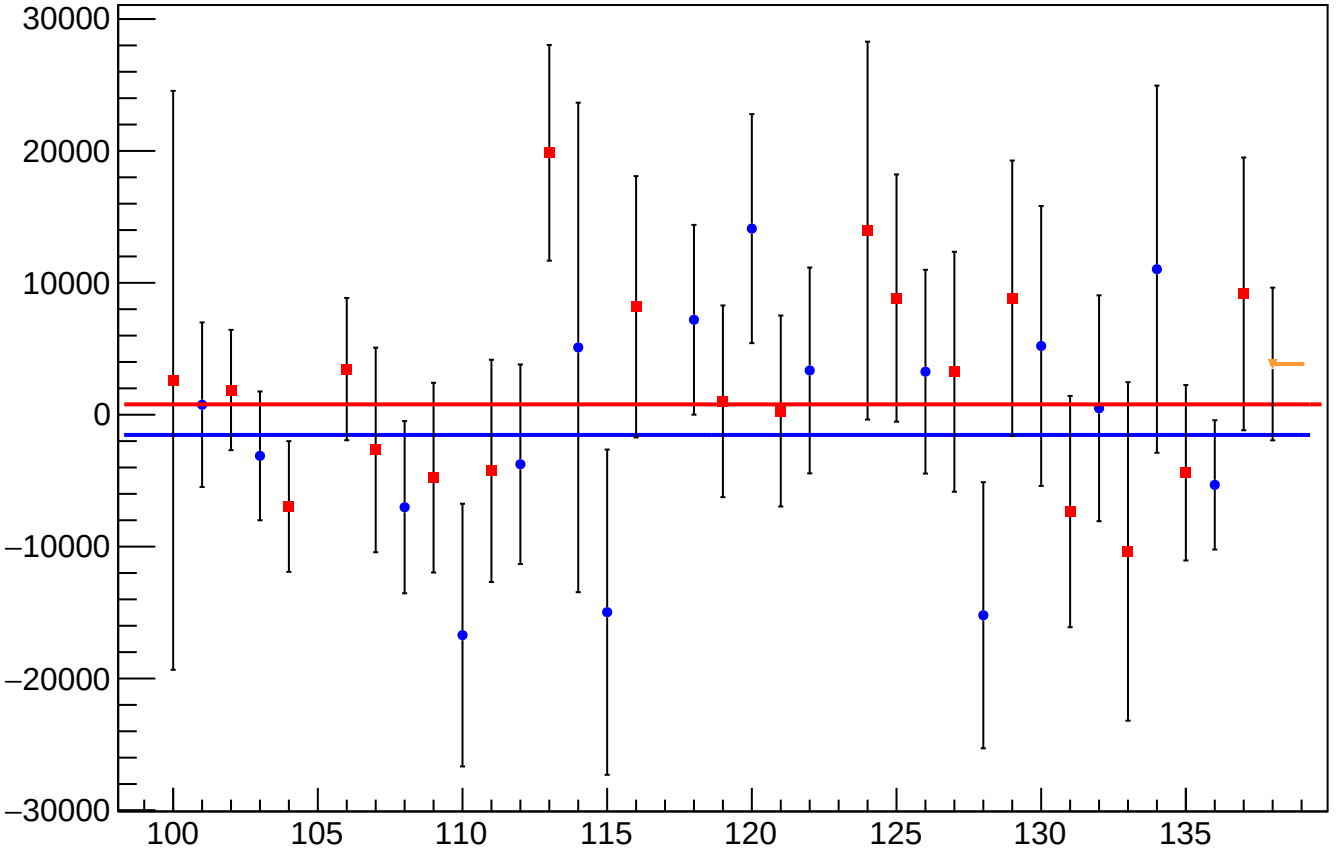
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1646.567+/-0.415 χ^2/NDF: 275124.4/16

All: 1636.724+/-0.298 χ^2/NDF: 513931.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -1532.110+/-1913.799 χ^2/NDF: 13.9/15

Left Out: 3845.716+/-5789.653 χ^2/NDF:0.0/0

Right Out: 784.235+/-1748.566 χ^2/NDF: 15.0/18

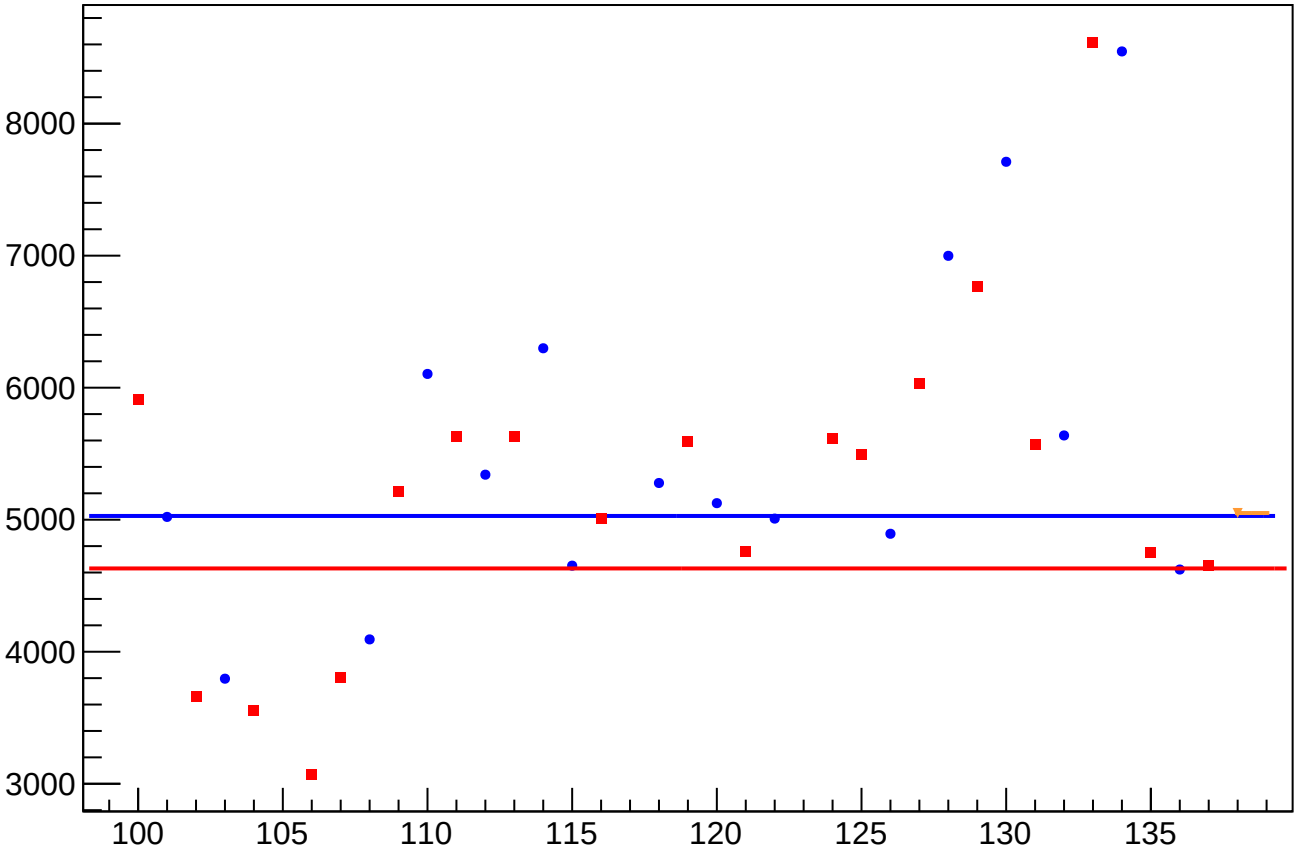
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1002.376+/-1817.098 χ^2/NDF: 14.7/16

All: -74.744+/-1259.954 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 5028.449+/-1.353 χ^2/NDF: 565469.4/15

Left Out: 5050.661+/-4.094 χ^2/NDF:0.0/0

Right Out: 4630.901+/-1.236 χ^2/NDF: 863515.0/18

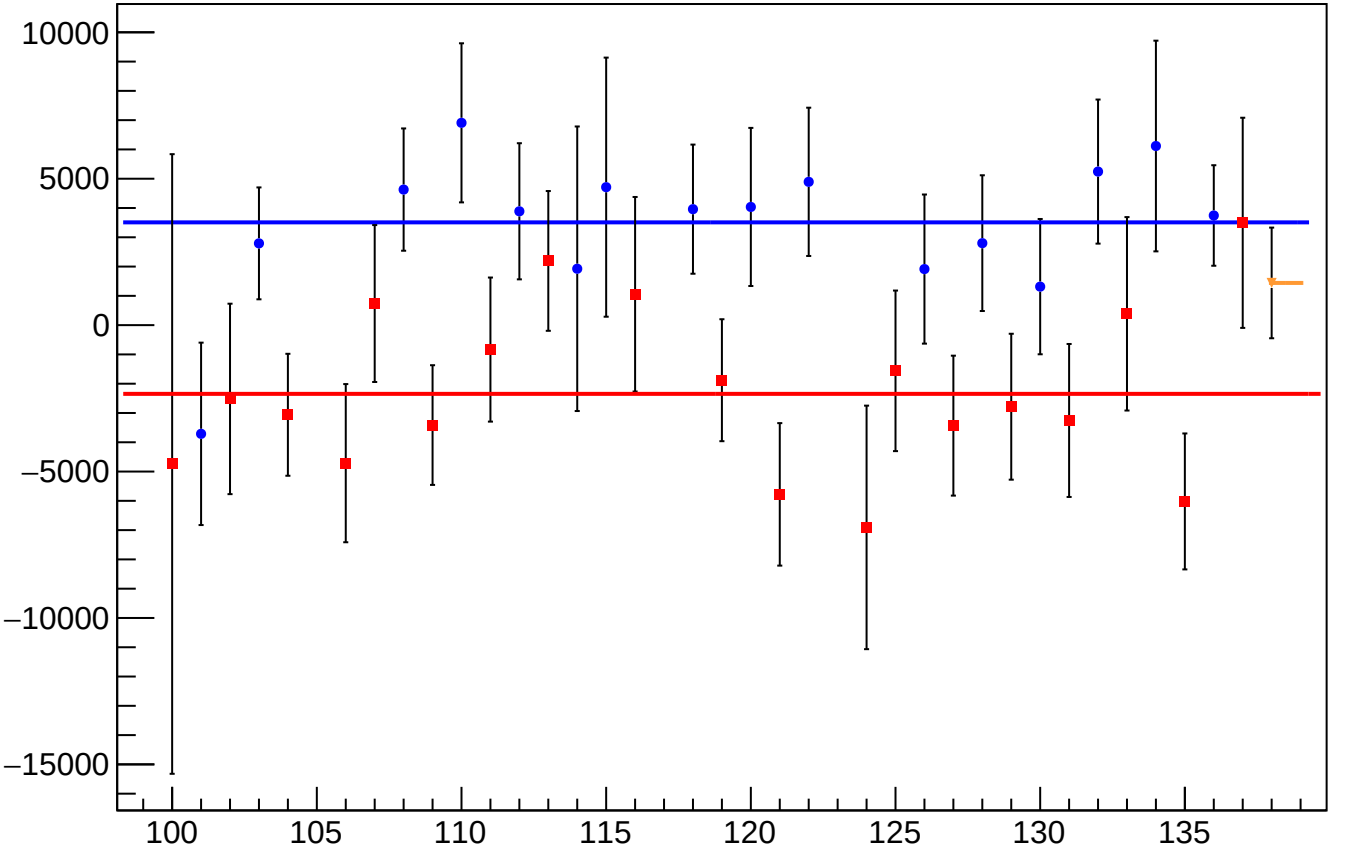
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5030.637+/-1.285 χ^2/NDF: 565496.0/16

All: 4823.089+/-0.891 χ^2/NDF: 1479264.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3509.509+/-616.724 χ^2/NDF: 10.4/15

Left Out: 1441.193+/-1889.467 χ^2/NDF:0.0/0

Right Out: -2346.865+/-607.502 χ^2/NDF: 17.1/18

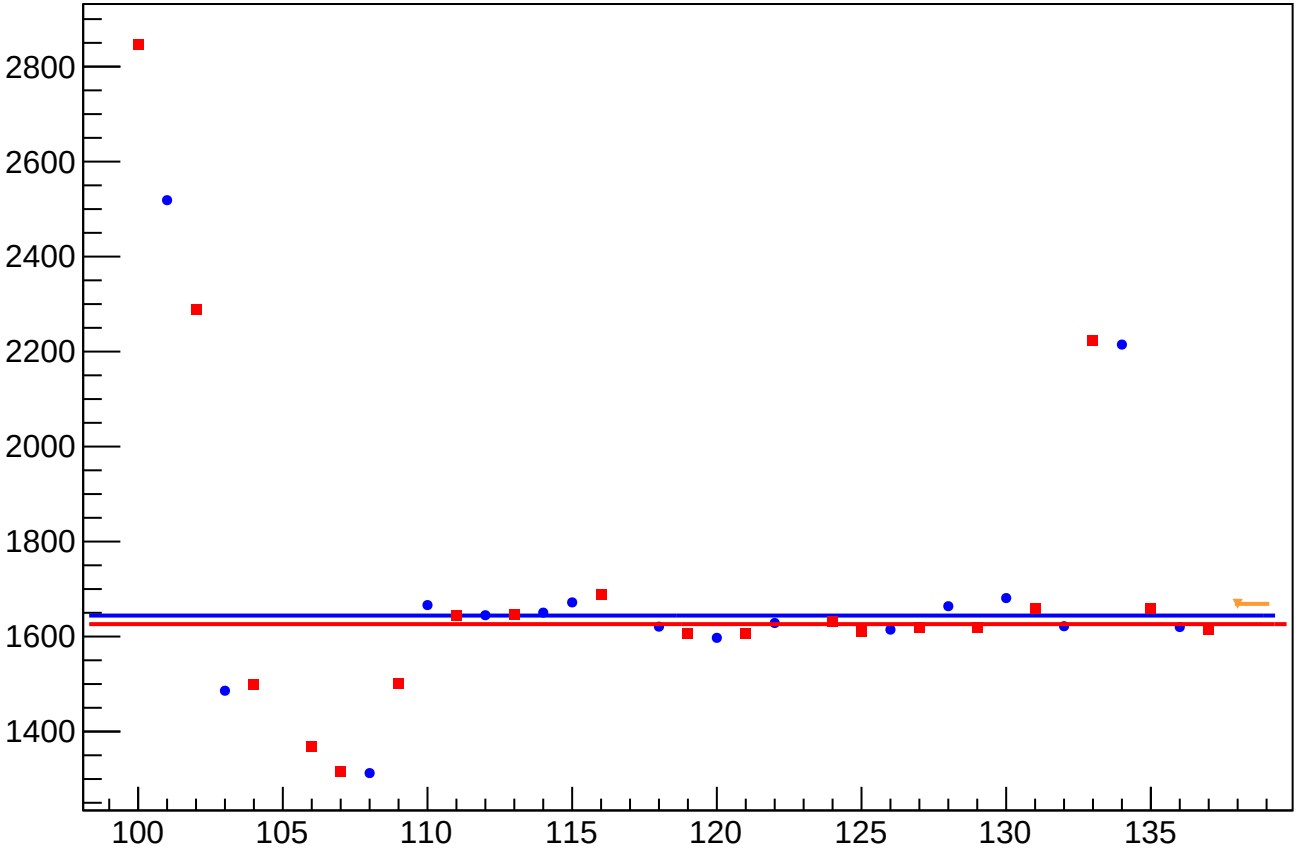
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3310.371+/-586.284 χ^2/NDF: 11.5/16

All: 582.273+/-421.867 χ^2/NDF: 73.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1644.198+/-0.436 χ^2/NDF: 274818.1/15

Left Out: 1668.804+/-1.336 χ^2/NDF:0.0/0

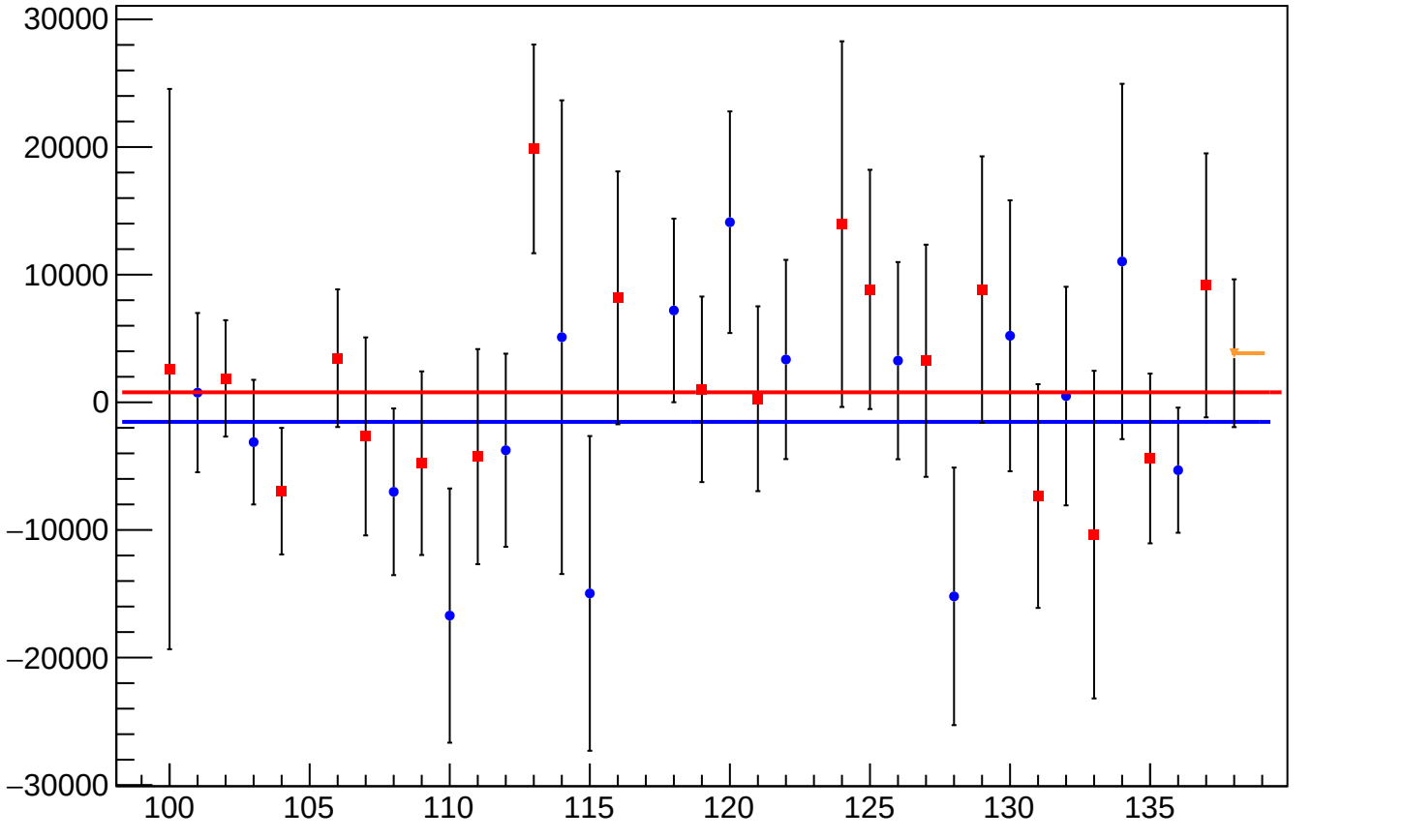
Right Out: 1626.174+/-0.429 χ^2/NDF: 237638.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1646.567+/-0.415 χ^2/NDF: 275124.6/16

All: 1636.724+/-0.298 χ^2/NDF: 513931.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1532.095+/-1913.796 χ^2/NDF: 13.9/15

Left Out: 3845.717+/-5789.666 χ^2/NDF:0.0/0

Right Out: 784.236+/-1748.563 χ^2/NDF: 15.0/18

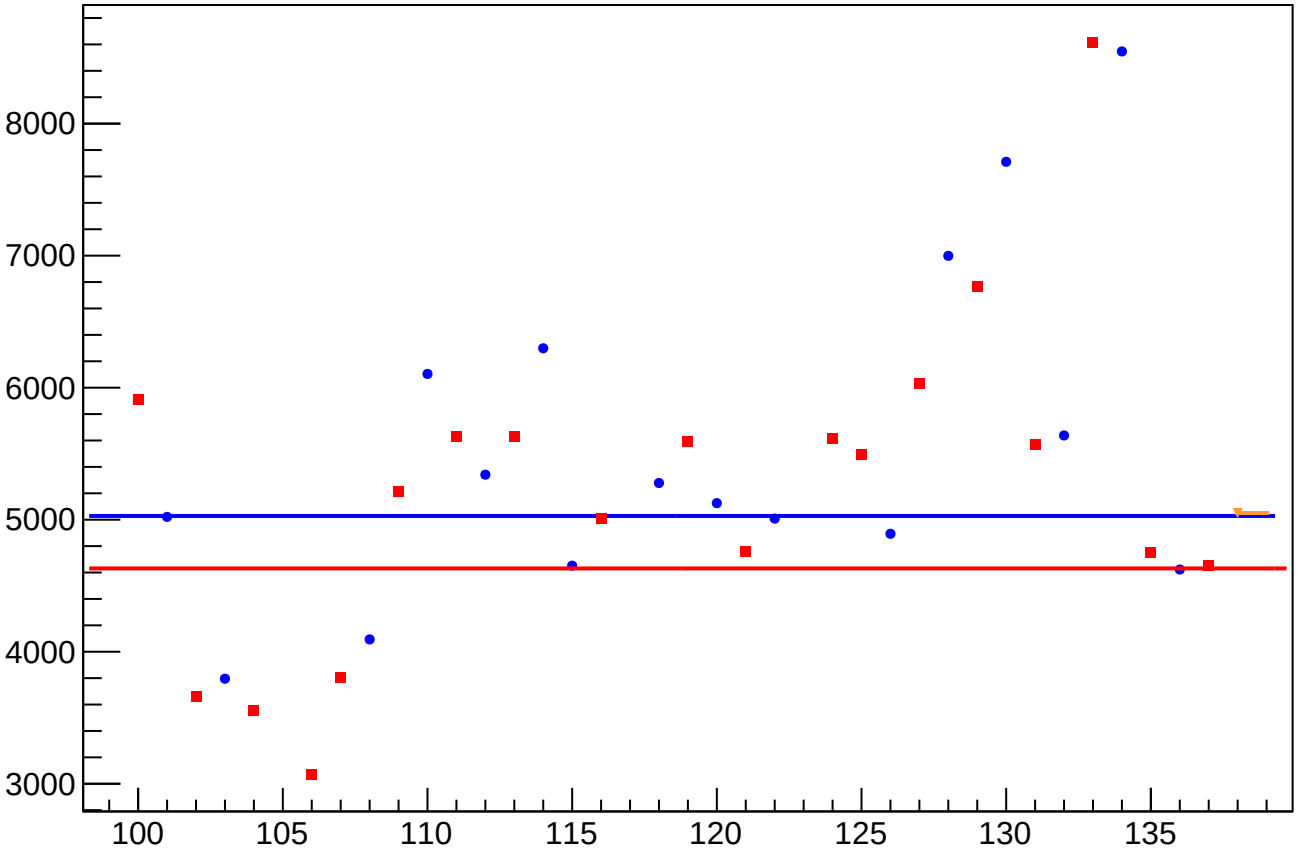
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1002.365+/-1817.096 χ^2/NDF: 14.7/16

All: -74.738+/-1259.952 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 5028.443+/-1.353 χ^2/NDF: 565463.1/15

Left Out: 5050.672+/-4.094 χ^2/NDF:0.0/0

Right Out: 4630.895+/-1.236 χ^2/NDF: 863509.0/18

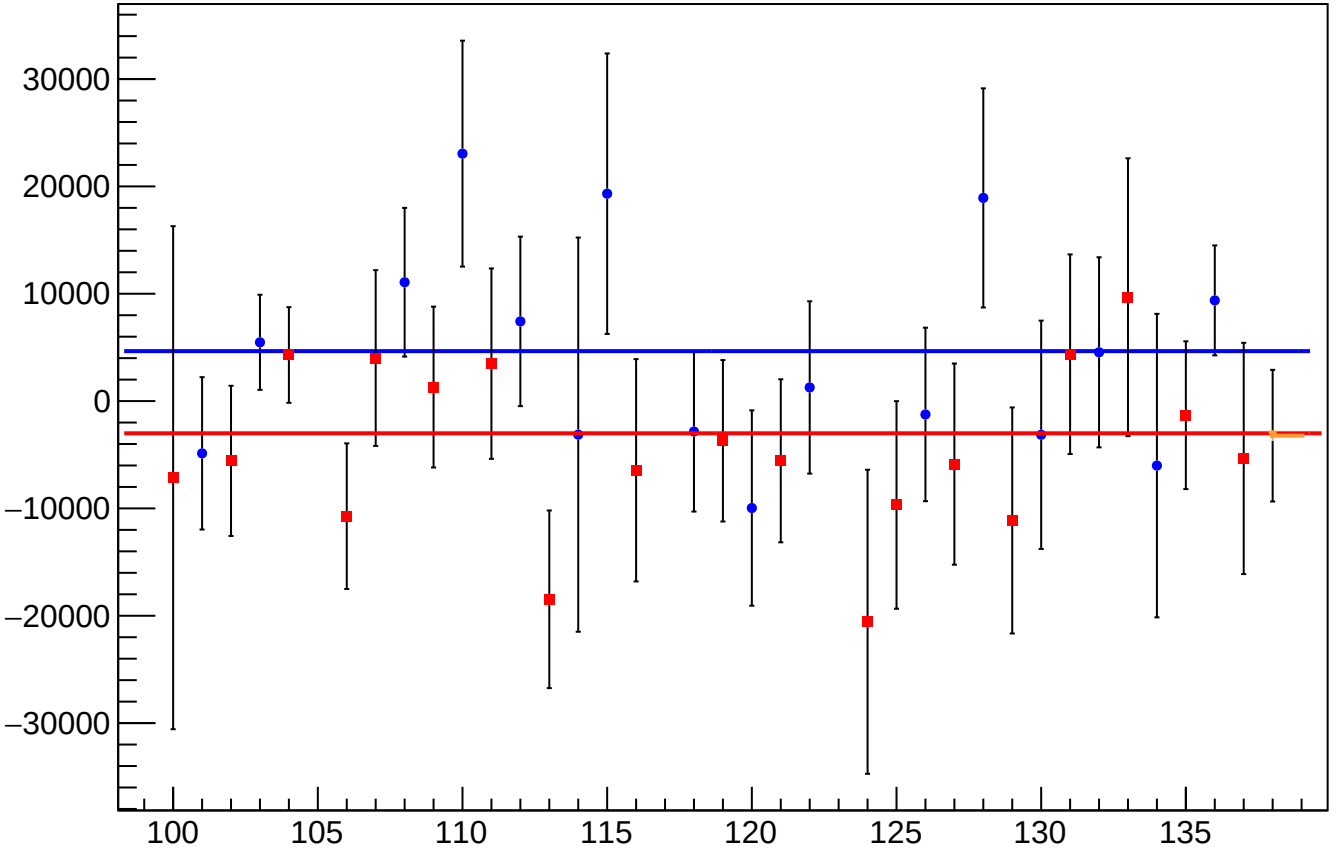
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5030.633+/-1.285 χ^2/NDF: 565489.7/16

All: 4823.083+/-0.891 χ^2/NDF: 1479252.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 4653.137+/-1958.496 χ^2/NDF: 15.5/15

Left Out: -3223.197+/-6131.385 χ^2/NDF:0.0/0

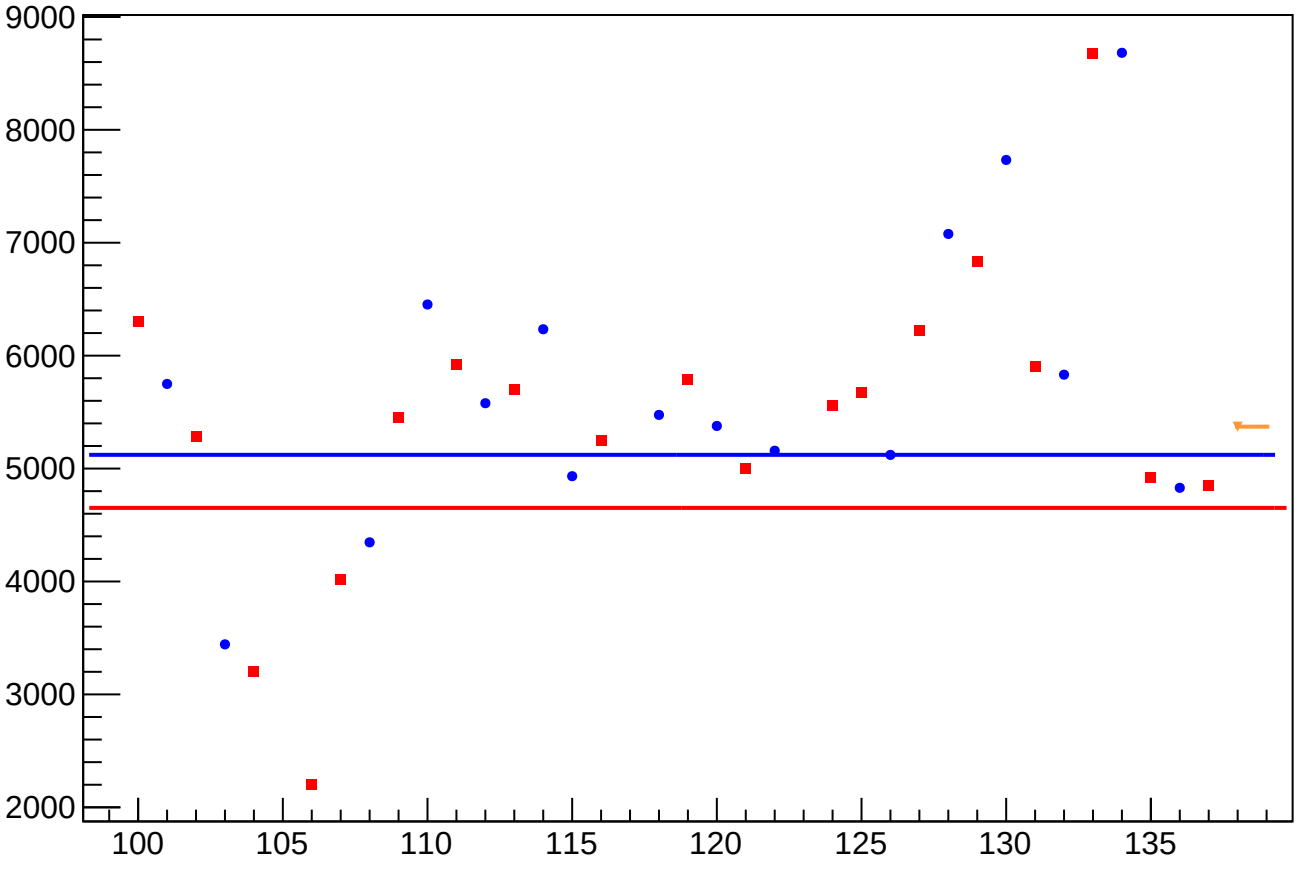
Right Out: -3000.980+/-1882.821 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3923.916+/-1865.632 χ^2/NDF: 17.0/16

All: 493.223+/-1325.236 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5121.644+/-1.385 χ^2/NDF: 720370.1/15

Left Out: 5371.202+/-4.336 χ^2/NDF:0.0/0

Right Out: 4651.727+/-1.280 χ^2/NDF: 1344868.0/18

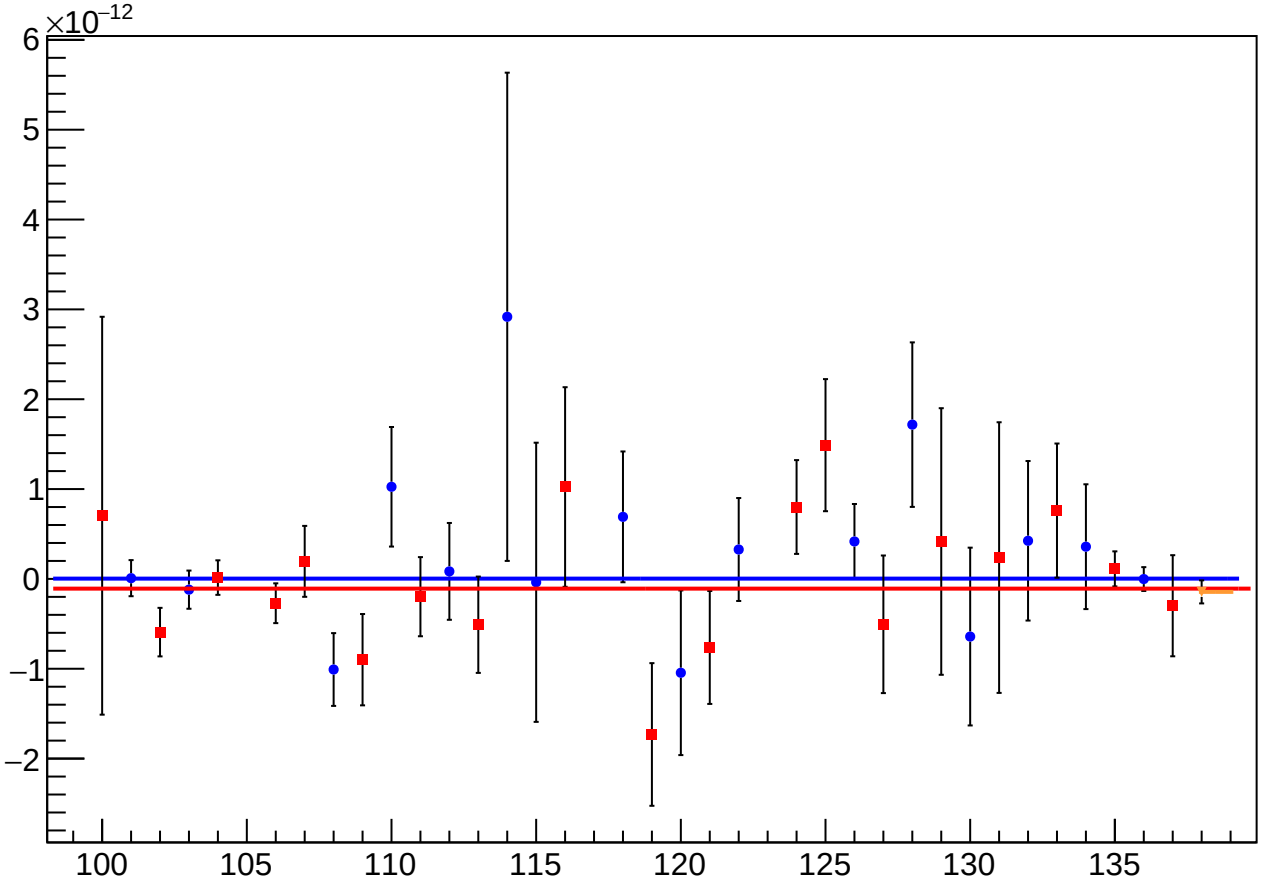
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 5144.749+/-1.319 χ^2/NDF: 723376.6/16

All: 4890.872+/-0.919 χ^2/NDF: 2140167.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 18.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

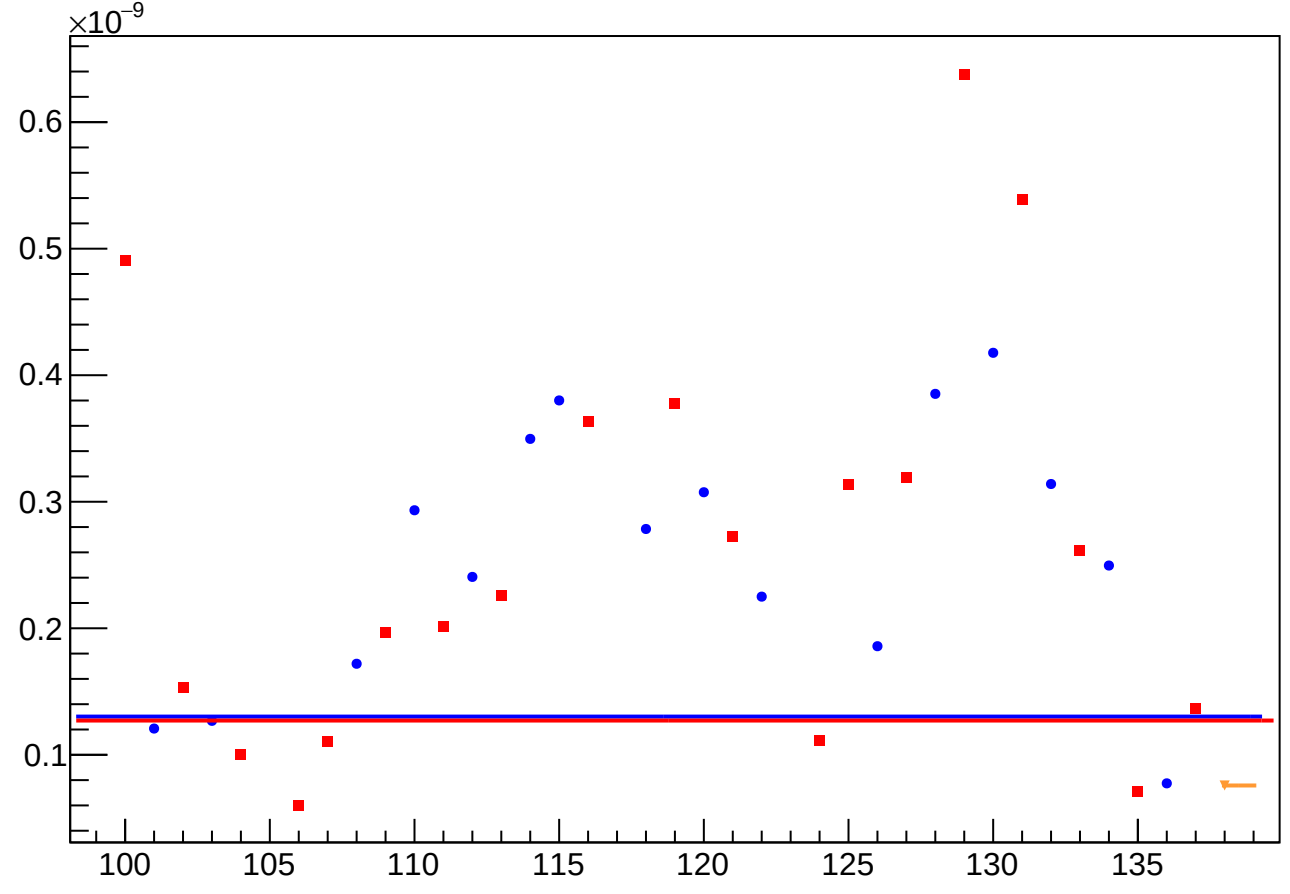
Right Out: -0.000+/-0.000 χ^2/NDF: 25.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.9/16

All: -0.000+/-0.000 χ^2/NDF: 44.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1329229.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1734331.2/18

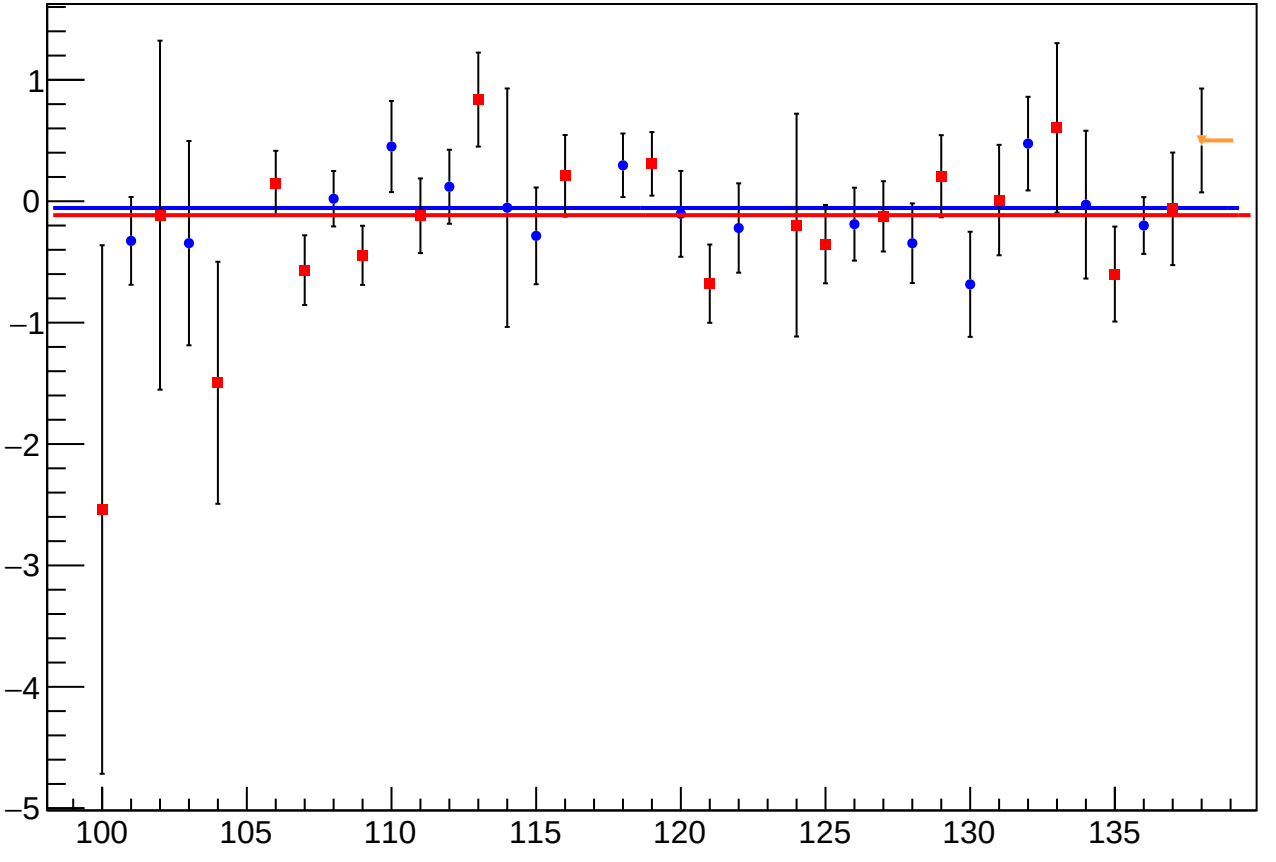
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1576621.2/16

All: 0.000+/-0.000 χ^2/NDF: 3340184.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.055+/-0.085 χ^2/NDF: 10.7/15

Left Out: 0.501+/-0.428 χ^2/NDF:0.0/0

Right Out: -0.114+/-0.083 χ^2/NDF: 25.2/18

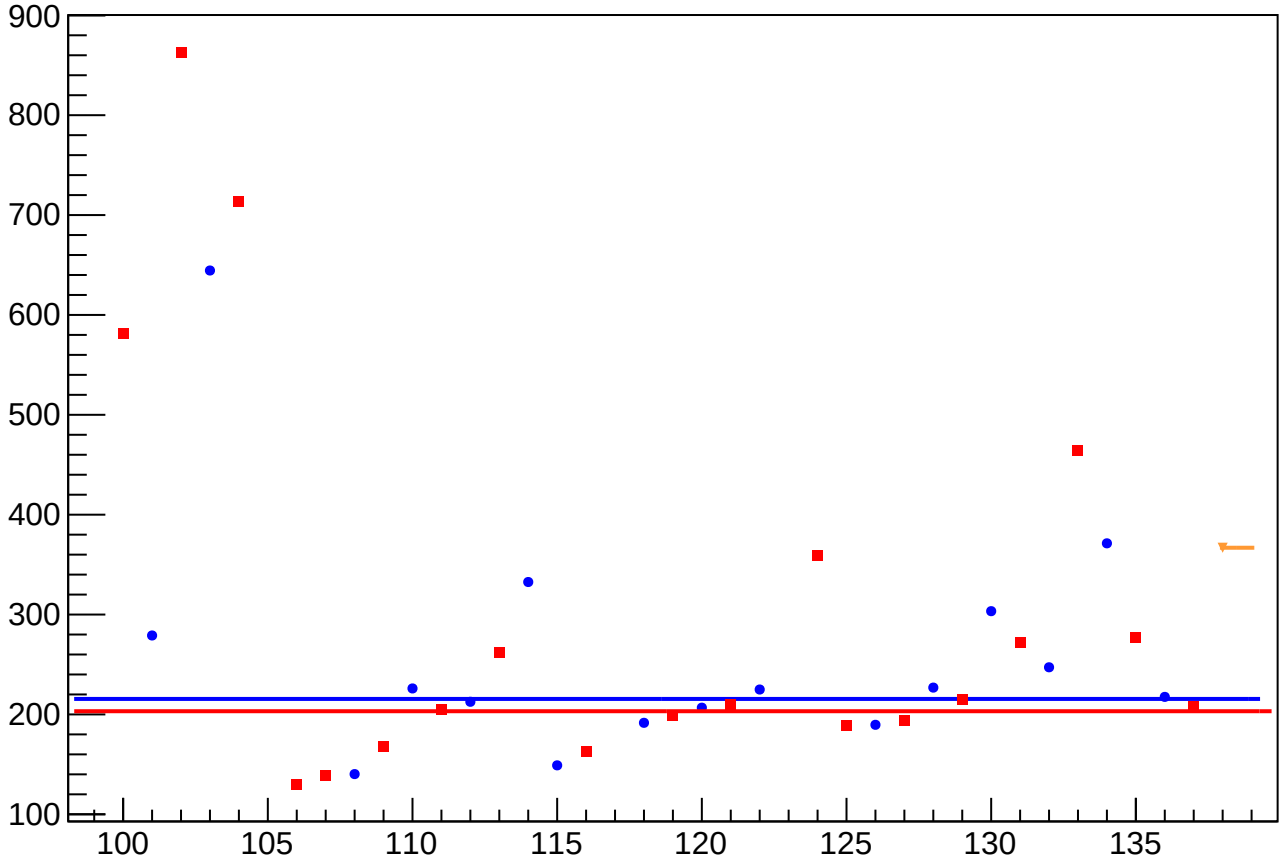
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.034+/-0.084 χ^2/NDF: 12.3/16

All: -0.075+/-0.059 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 215.519+/-0.060 χ^2/NDF: 1148727.3/15

Left Out: 366.903+/-0.302 χ^2/NDF:0.0/0

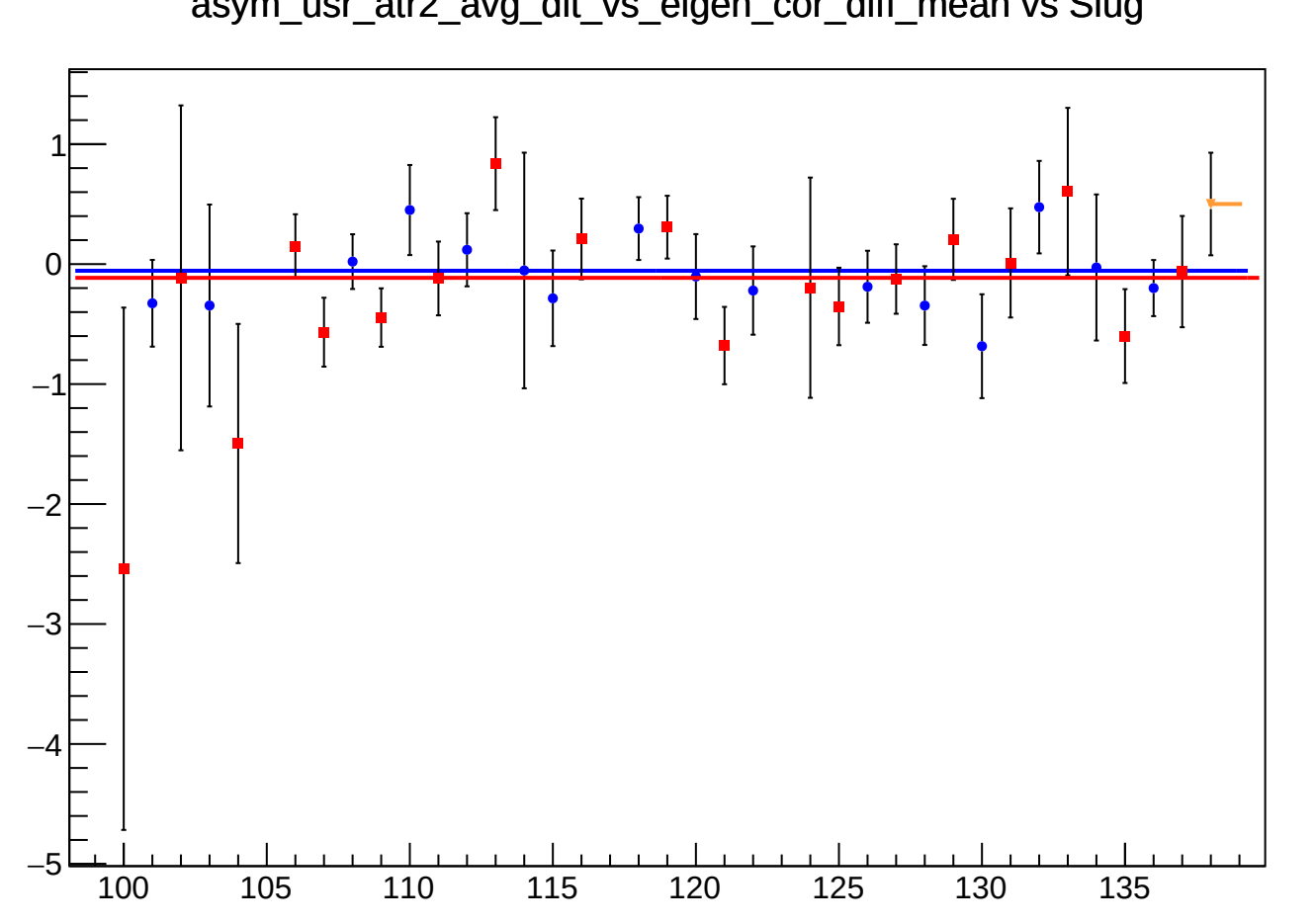
Right Out: 203.207+/-0.059 χ^2/NDF: 1835552.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 221.332+/-0.059 χ^2/NDF: 1389666.1/16

All: 212.205+/-0.042 χ^2/NDF: 3272321.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.055+/-0.085 χ^2/NDF: 10.7/15

Left Out: 0.501+/-0.428 χ^2/NDF:0.0/0

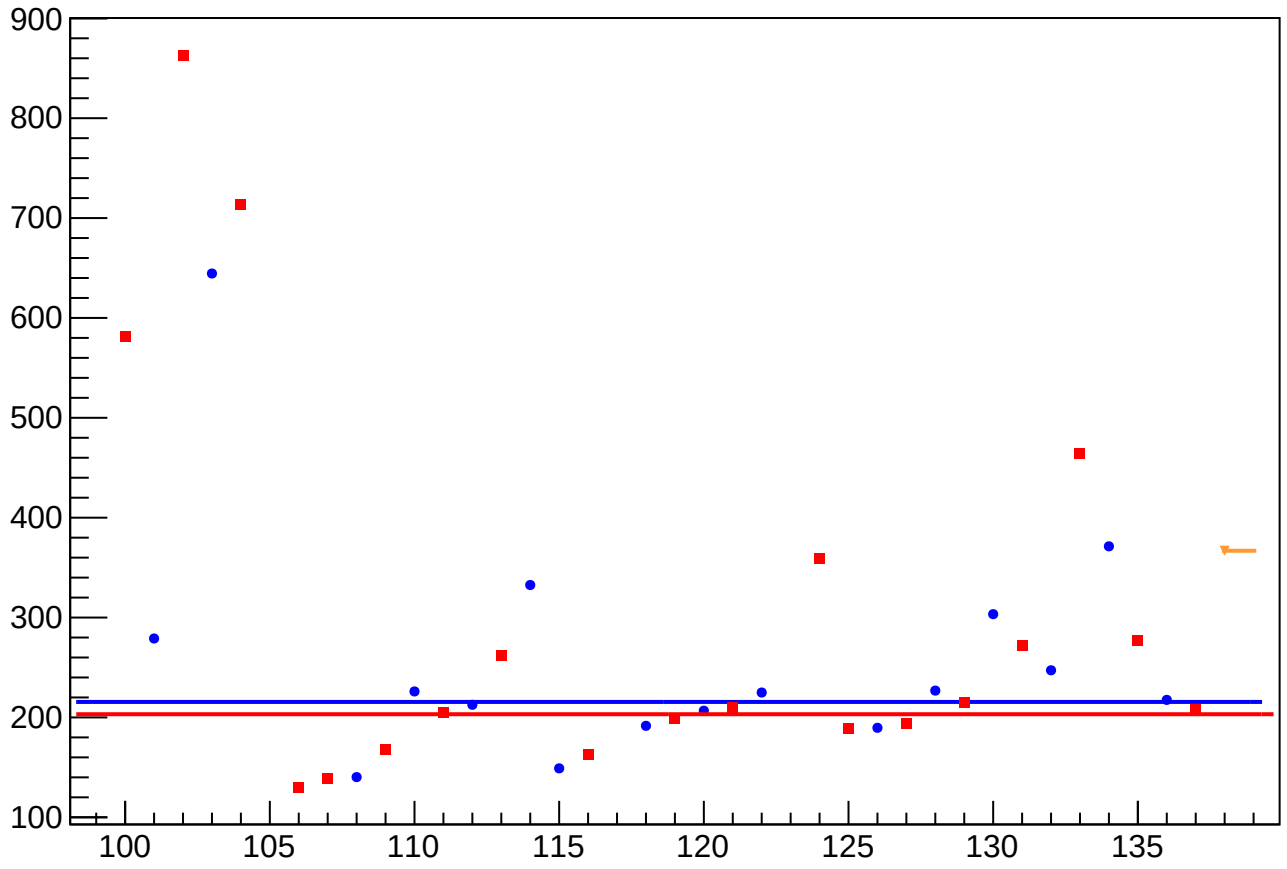
Right Out: -0.114+/-0.083 χ^2/NDF: 25.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.034+/-0.084 χ^2/NDF: 12.3/16

All: -0.075+/-0.059 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 215.519+/-0.060 χ^2/NDF: 1148727.3/15

Left Out: 366.903+/-0.302 χ^2/NDF:0.0/0

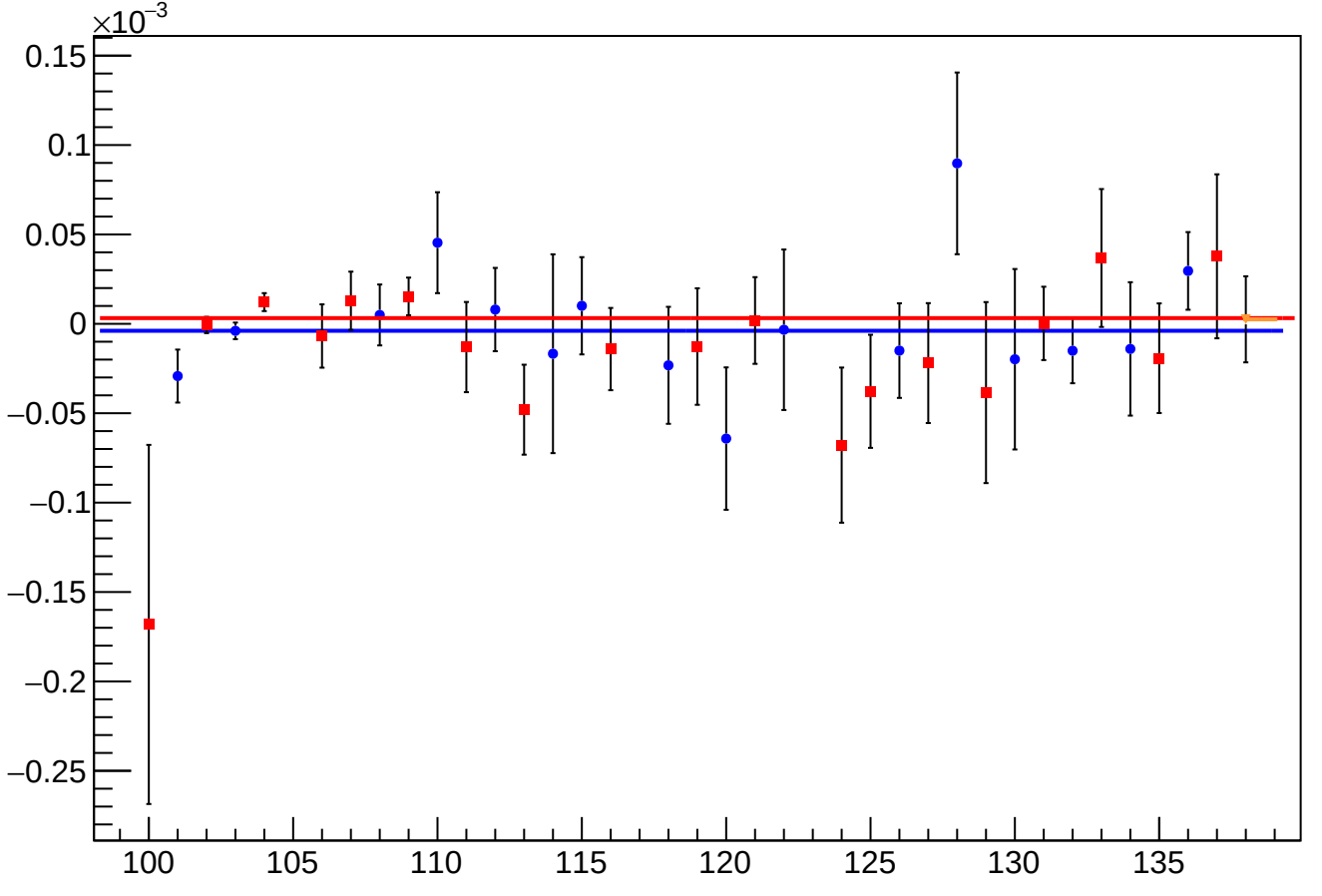
Right Out: 203.207+/-0.059 χ^2/NDF: 1835552.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 221.332+/-0.059 χ^2/NDF: 1389666.1/16

All: 212.205+/-0.042 χ^2/NDF: 3272321.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

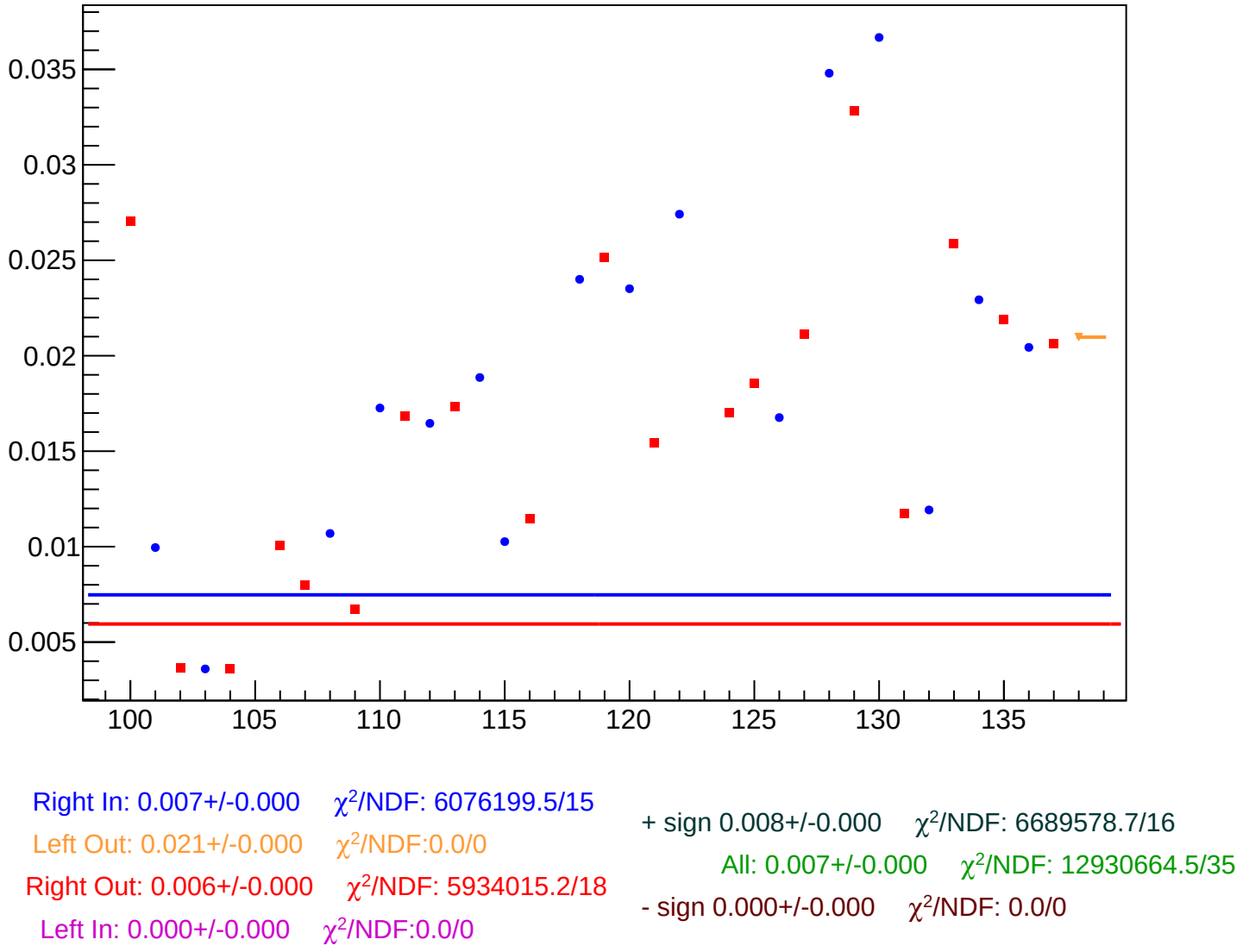
Right Out: 0.000+/-0.000 χ^2/NDF: 21.6/18

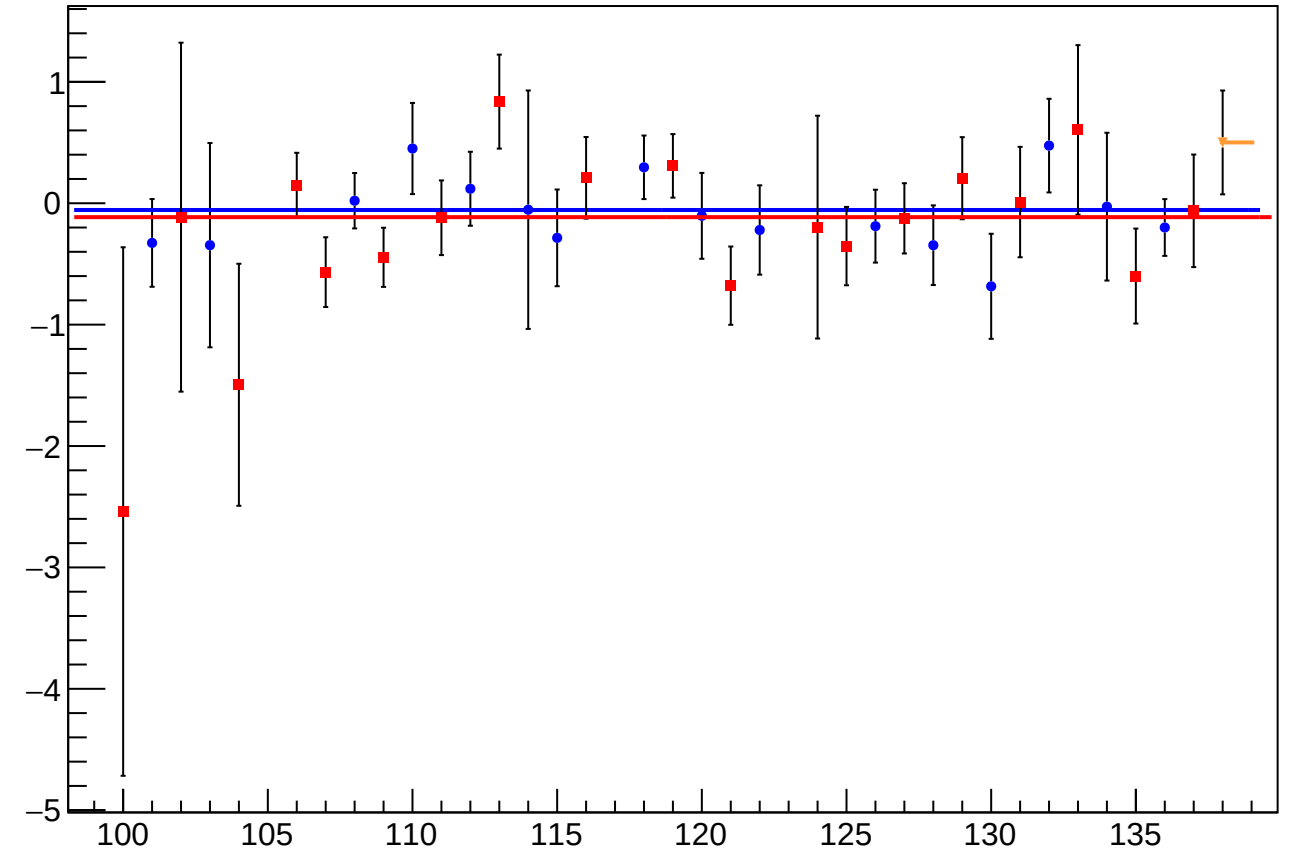
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.0/16

All: 0.000+/-0.000 χ^2/NDF: 39.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.035
0.03
0.025
0.02
0.015
0.01
0.005
100
105
110
115
120
125
130
135
Right In: 0.007+/-0.000 χ²/NDF: 6076199.5/15
Left Out: 0.021+/-0.000 χ²/NDF:0.0/0
Right Out: 0.006+/-0.000 χ²/NDF: 5934015.2/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.008+/-0.000 χ²/NDF: 6689578.7/16
All: 0.007+/-0.000 χ²/NDF: 12930664.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.055+/-0.085 χ^2/NDF: 10.7/15

Left Out: 0.501+/-0.428 χ^2/NDF:0.0/0

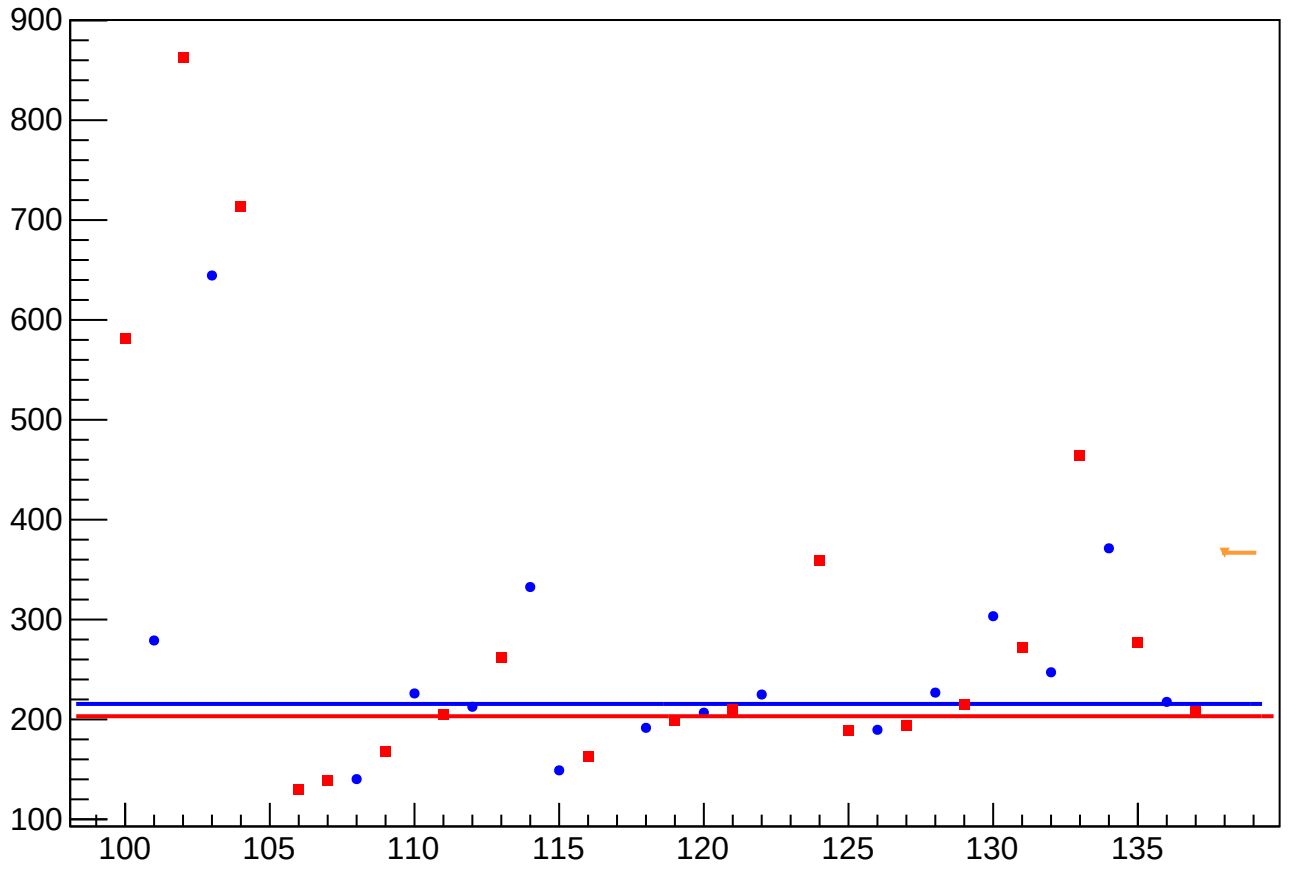
Right Out: -0.114+/-0.083 χ^2/NDF: 25.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.034+/-0.084 χ^2/NDF: 12.3/16

All: -0.075+/-0.059 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 215.518+/-0.060 χ^2/NDF: 1148700.9/15

Left Out: 366.908+/-0.302 χ^2/NDF:0.0/0

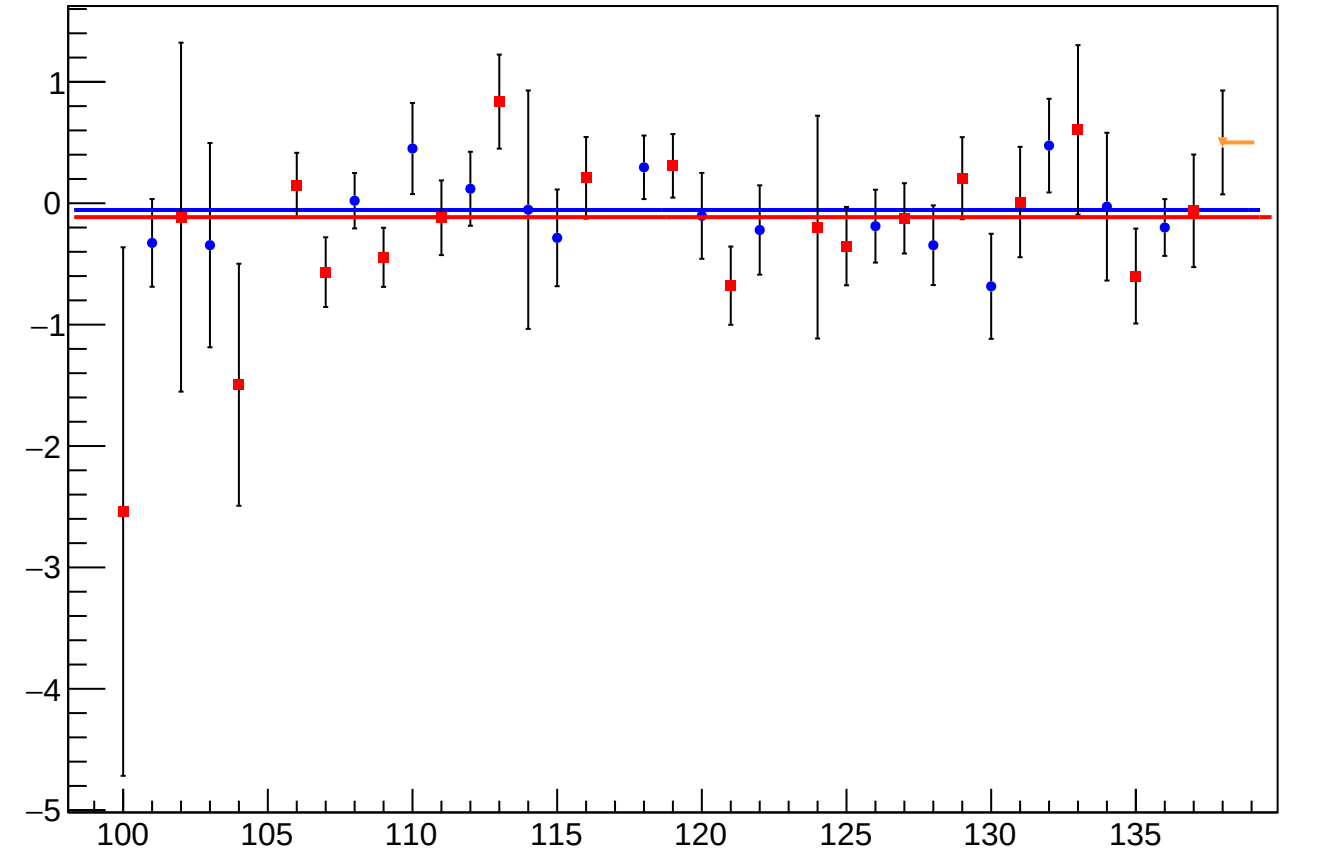
Right Out: 203.205+/-0.059 χ^2/NDF: 1835535.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 221.331+/-0.059 χ^2/NDF: 1389654.9/16

All: 212.204+/-0.042 χ^2/NDF: 3272295.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.055+/-0.085 χ^2/NDF: 10.7/15

Left Out: 0.501+/-0.428 χ^2/NDF:0.0/0

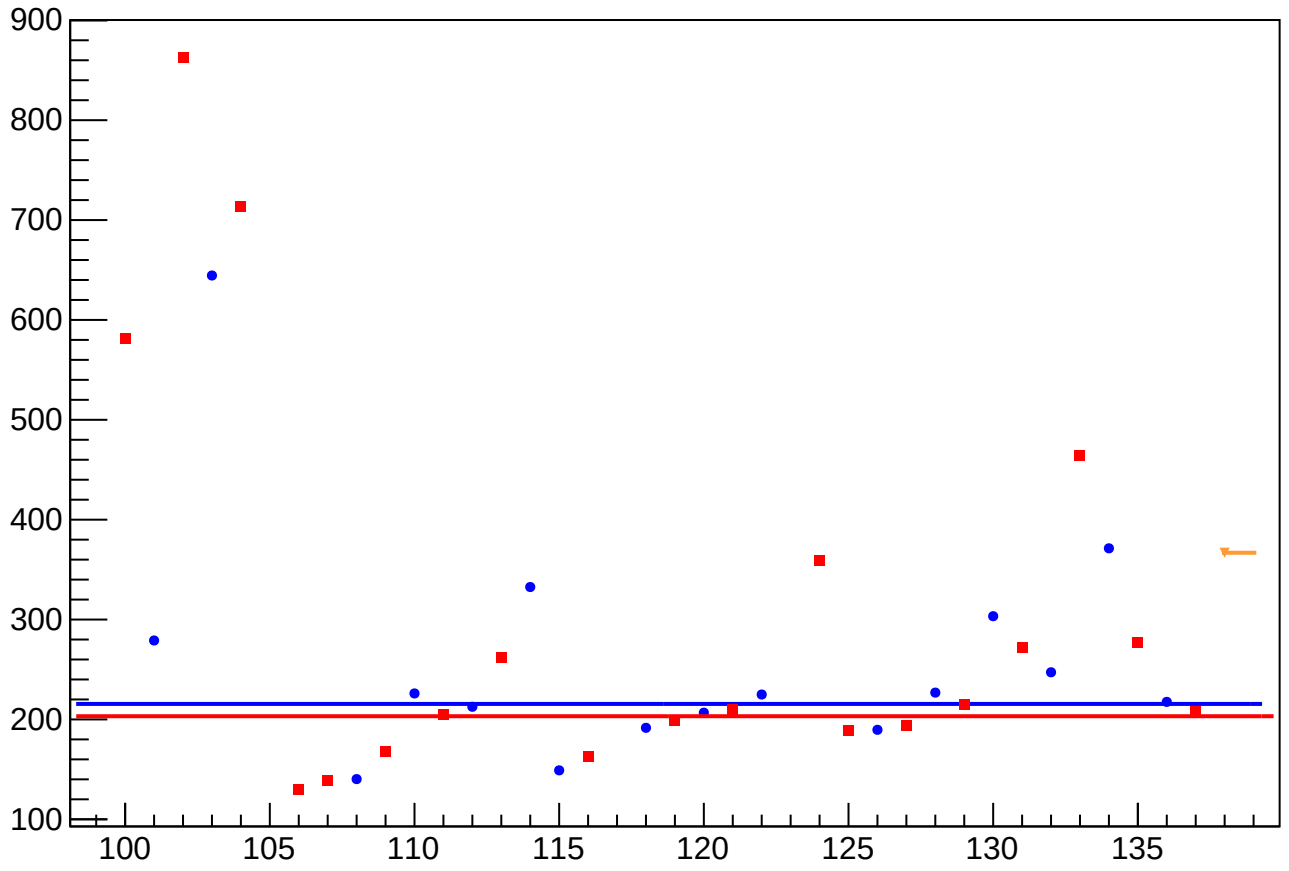
Right Out: -0.114+/-0.083 χ^2/NDF: 25.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.034+/-0.084 χ^2/NDF: 12.3/16

All: -0.075+/-0.059 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 215.518+/-0.060 χ^2/NDF: 1148700.9/15

Left Out: 366.908+/-0.302 χ^2/NDF:0.0/0

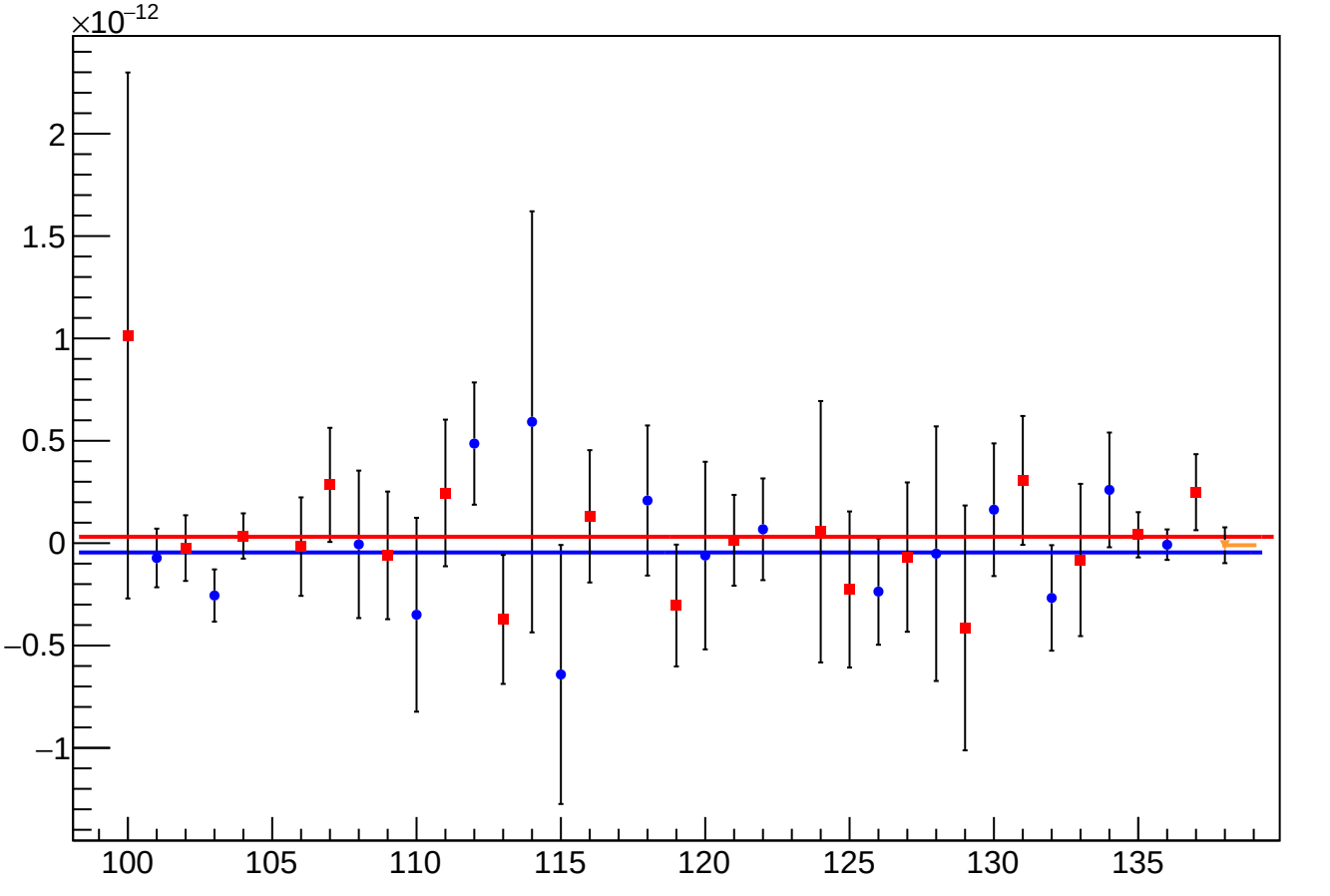
Right Out: 203.205+/-0.059 χ^2/NDF: 1835535.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 221.331+/-0.059 χ^2/NDF: 1389654.9/16

All: 212.204+/-0.042 χ^2/NDF: 3272295.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 11.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

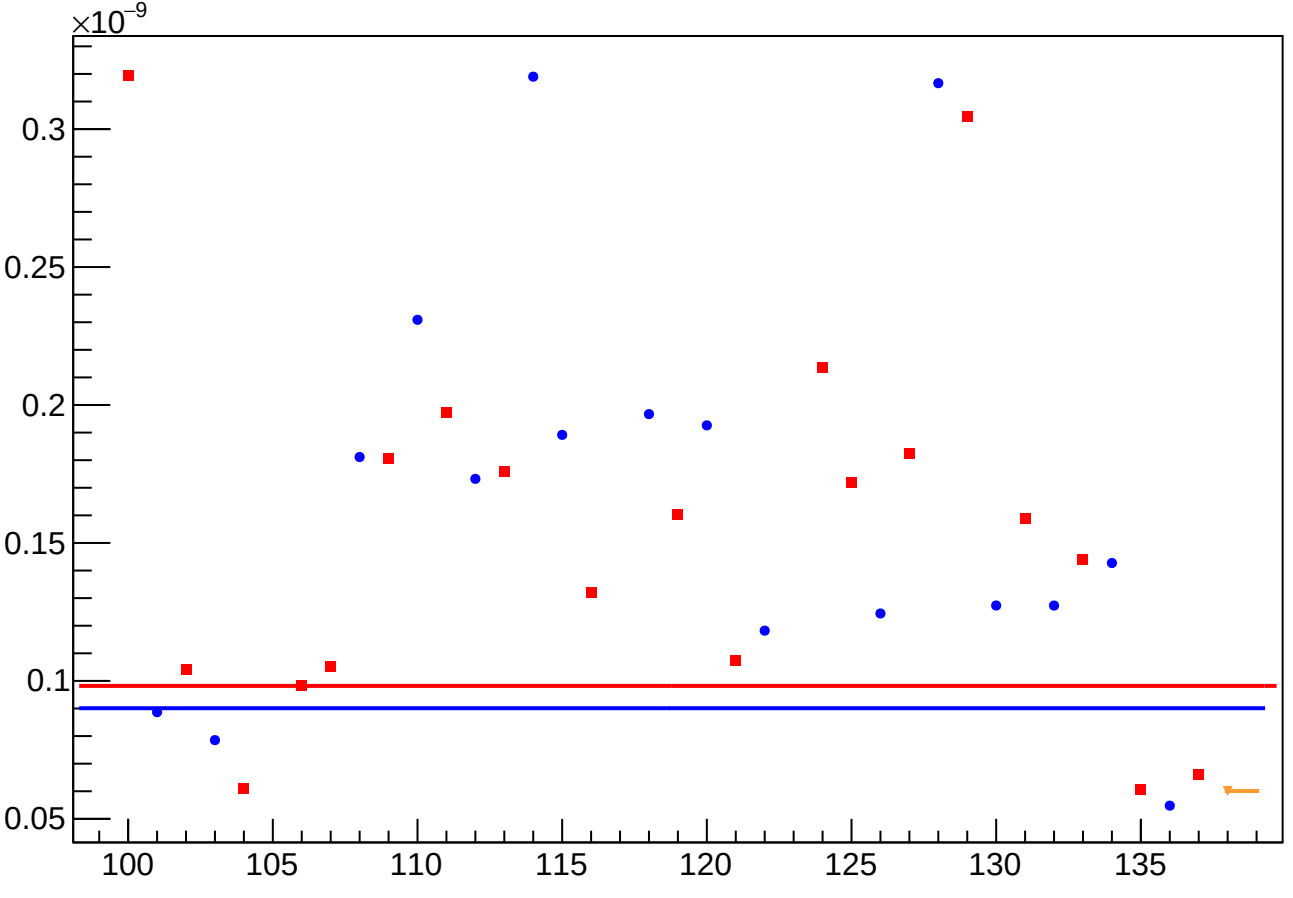
Right Out: 0.000+/-0.000 χ^2/NDF: 8.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 11.6/16

All: -0.000+/-0.000 χ^2/NDF: 21.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1808066.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1694726.3/18

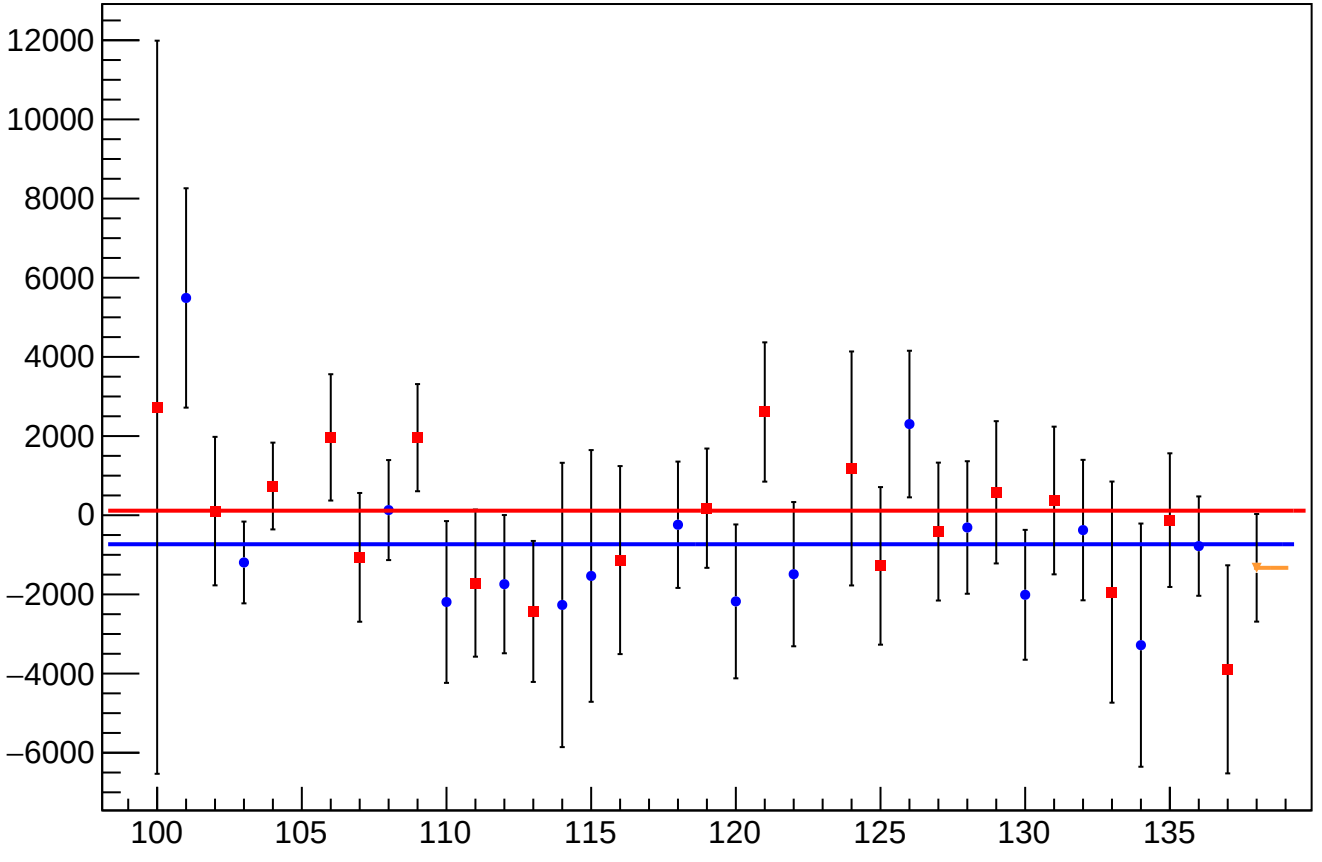
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1985699.8/16

All: 0.000+/-0.000 χ^2/NDF: 3784757.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -732.747+/-427.384 χ^2/NDF: 11.7/15

Left Out: -1328.492+/-1359.451 χ^2/NDF:0.0/0

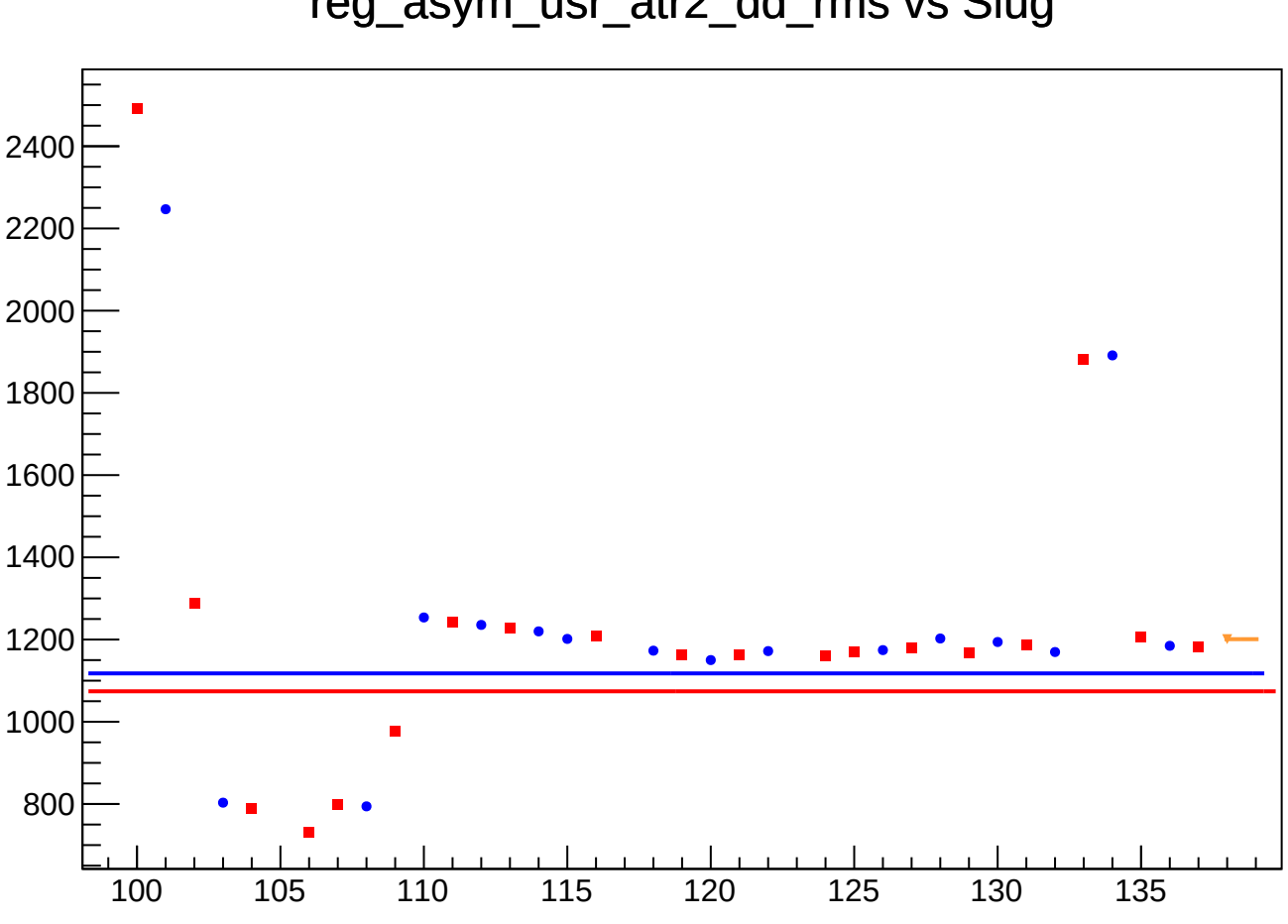
Right Out: 115.040+/-411.437 χ^2/NDF: 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -786.331+/-407.711 χ^2/NDF: 11.9/16

All: -339.746+/-289.604 χ^2/NDF: 27.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1117.684+/-0.302 χ^2/NDF: 819835.1/15

Left Out: 1200.908+/-0.961 χ^2/NDF:0.0/0

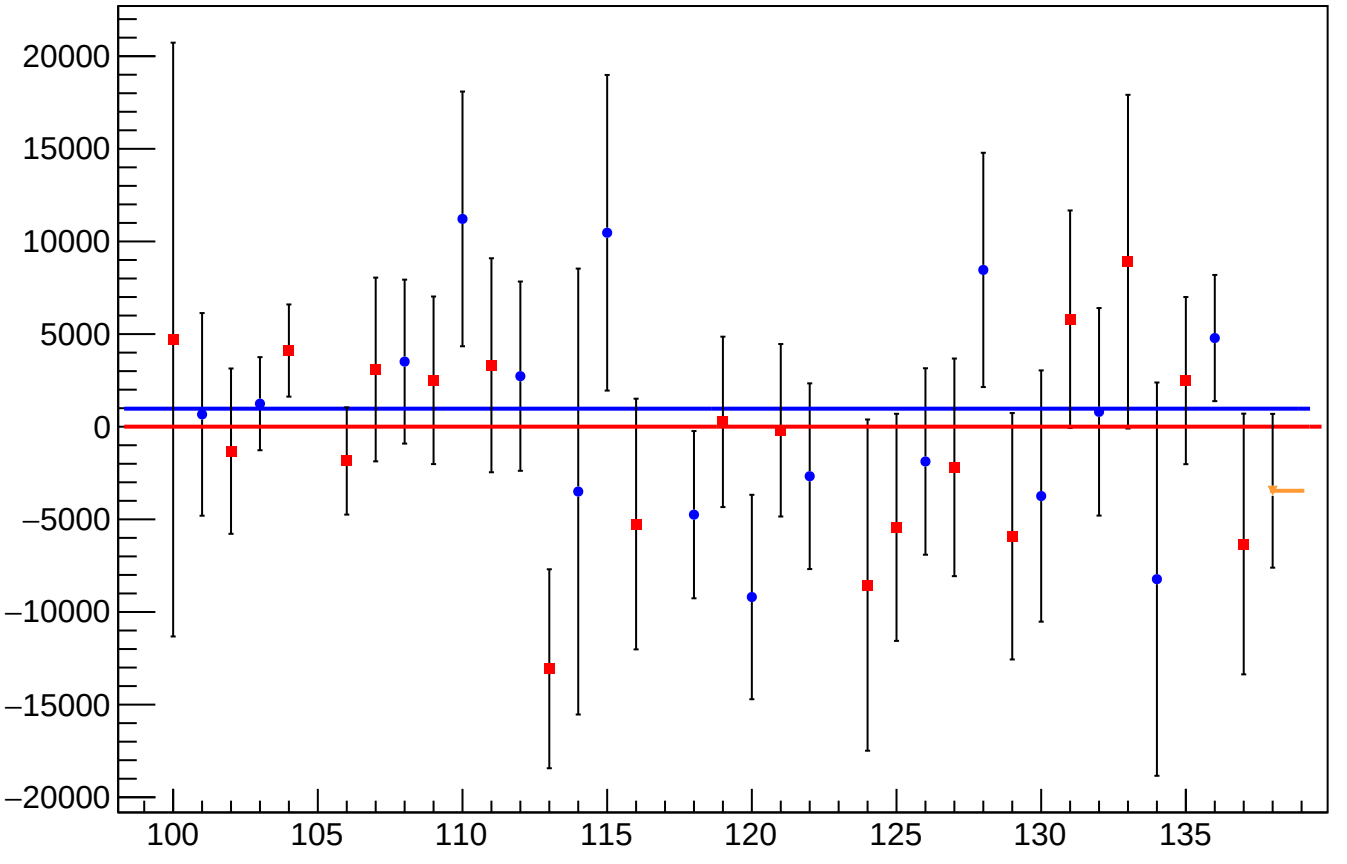
Right Out: 1074.148+/-0.289 χ^2/NDF: 649508.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1125.169+/-0.288 χ^2/NDF: 826656.5/16

All: 1099.679+/-0.204 χ^2/NDF: 1491812.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 973.755+/-1232.754 χ^2/NDF: 13.8/15

Left Out: -3457.244+/-4150.696 χ^2/NDF:0.0/0

Right Out: 2.885+/-1113.897 χ^2/NDF: 16.6/18

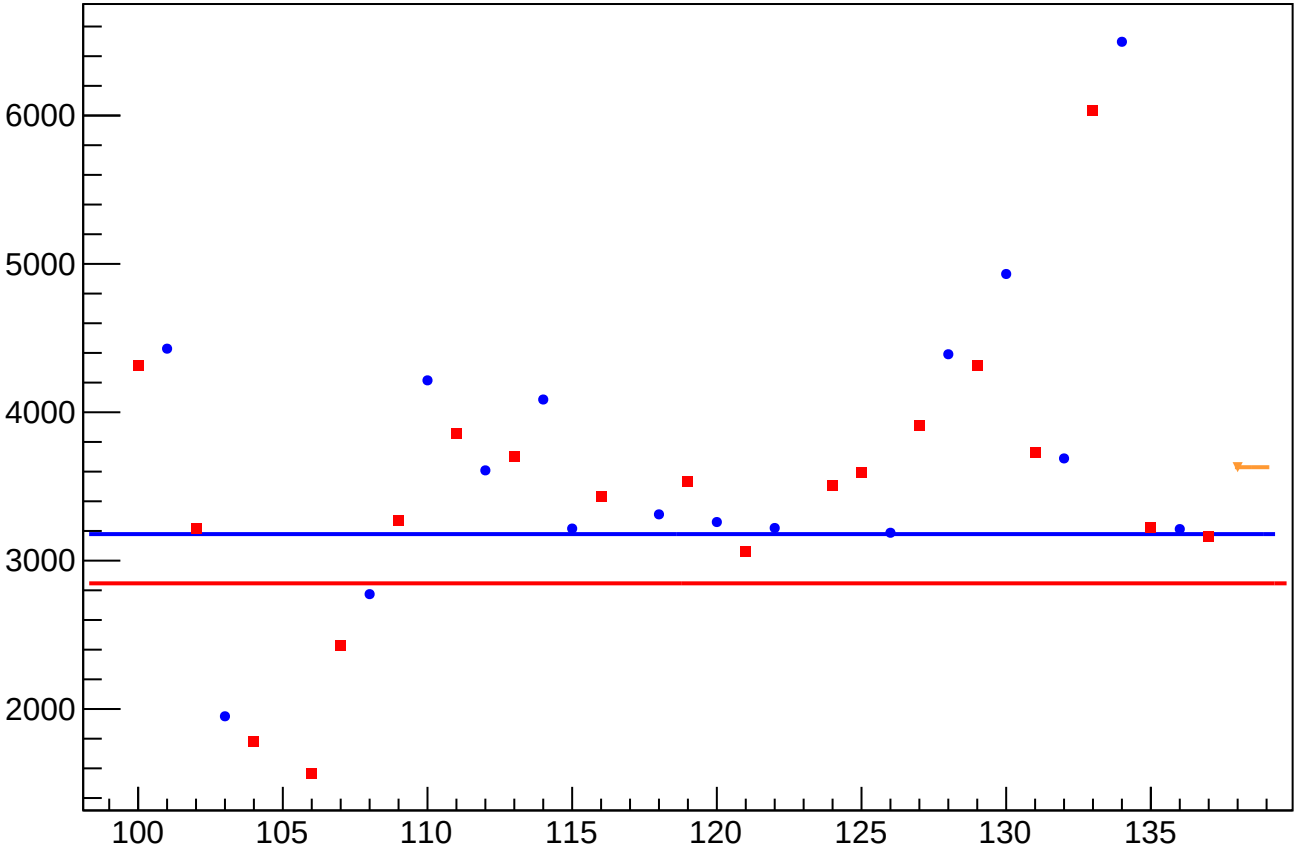
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 614.585+/-1181.735 χ^2/NDF: 14.9/16

All: 290.675+/-810.566 χ^2/NDF: 31.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 3178.870+/-0.872 χ^2/NDF: 1091676.8/15

Left Out: 3629.770+/-2.935 χ^2/NDF:0.0/0

Right Out: 2847.016+/-0.788 χ^2/NDF: 1511160.9/18

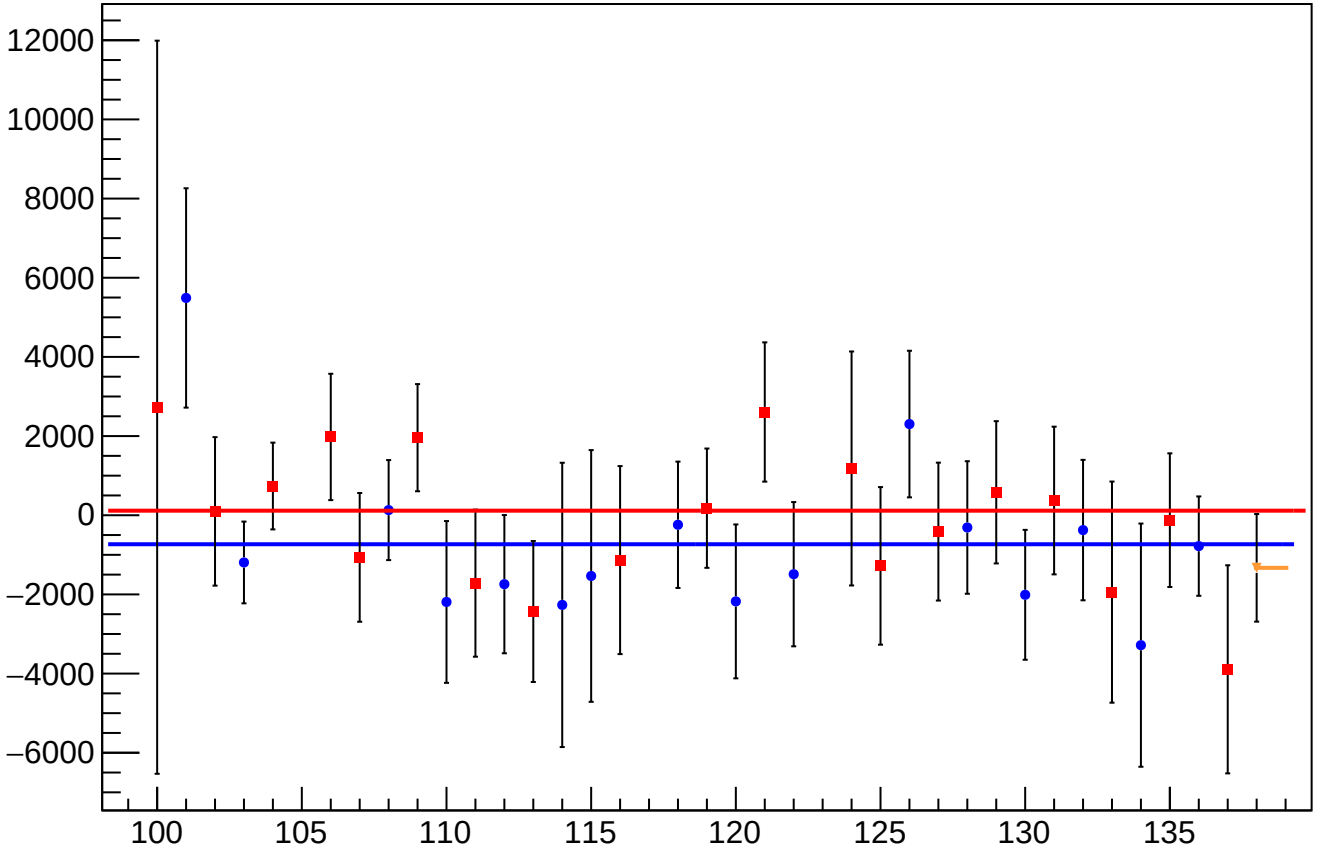
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3215.419+/-0.836 χ^2/NDF: 1113365.7/16

All: 3020.340+/-0.573 χ^2/NDF: 2727452.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr2_dd_mean vs Slug



Right In: -732.682+/-427.385 χ^2/NDF: 11.7/15

Left Out: -1328.526+/-1359.451 χ^2/NDF:0.0/0

Right Out: 115.308+/-411.441 χ^2/NDF: 13.1/18

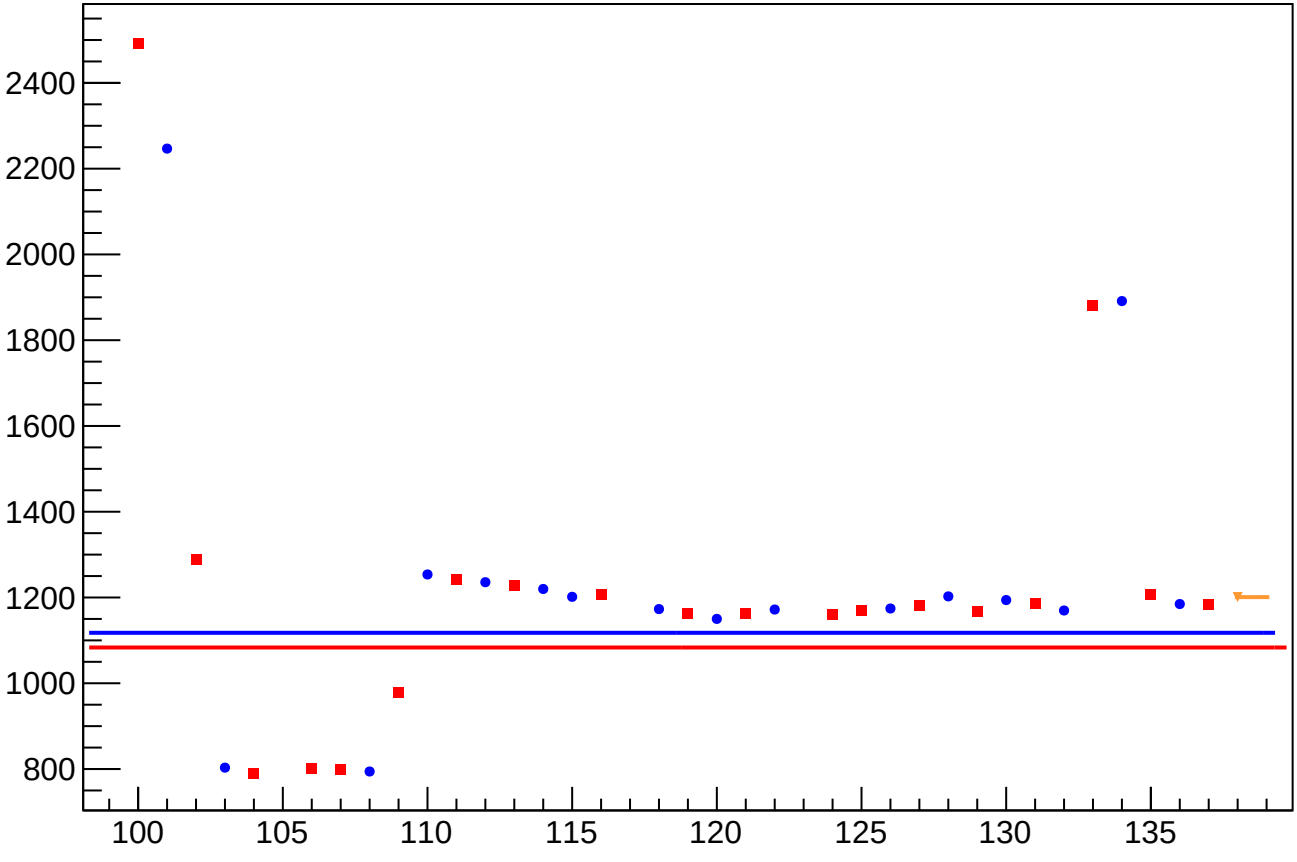
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -786.275+/-407.711 χ^2/NDF: 11.9/16

All: -339.589+/-289.605 χ^2/NDF: 27.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1117.684+/-0.302 χ^2/NDF: 819831.7/15

Left Out: 1200.908+/-0.961 χ^2/NDF:0.0/0

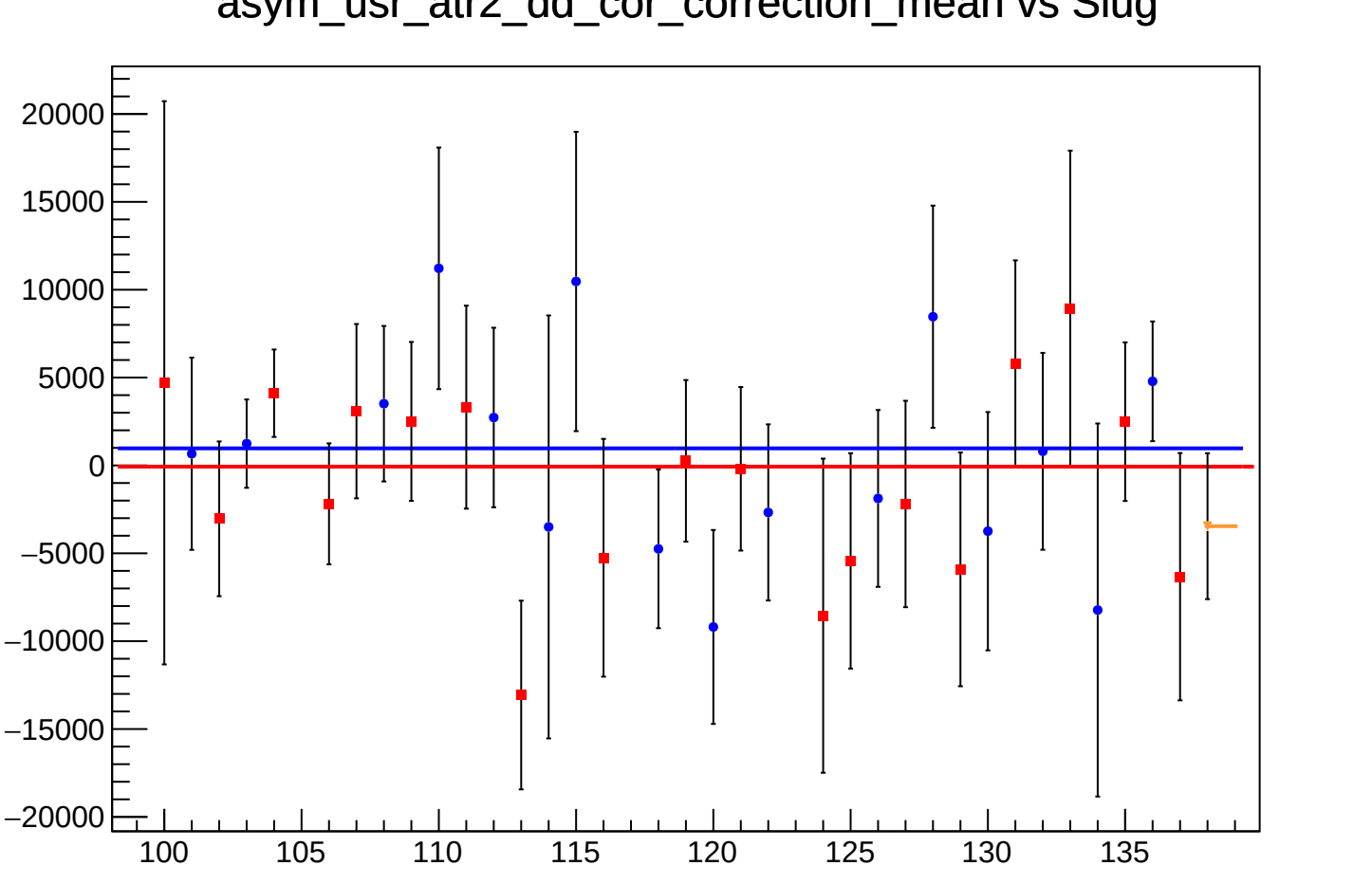
Right Out: 1083.421+/-0.290 χ^2/NDF: 595016.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1125.170+/-0.288 χ^2/NDF: 826653.0/16

All: 1104.445+/-0.205 χ^2/NDF: 1432079.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 973.256+/-1232.803 χ^2/NDF: 13.8/15

Left Out: -3457.258+/-4150.689 χ^2/NDF:0.0/0

Right Out: -67.113+/-1137.892 χ^2/NDF: 16.9/18

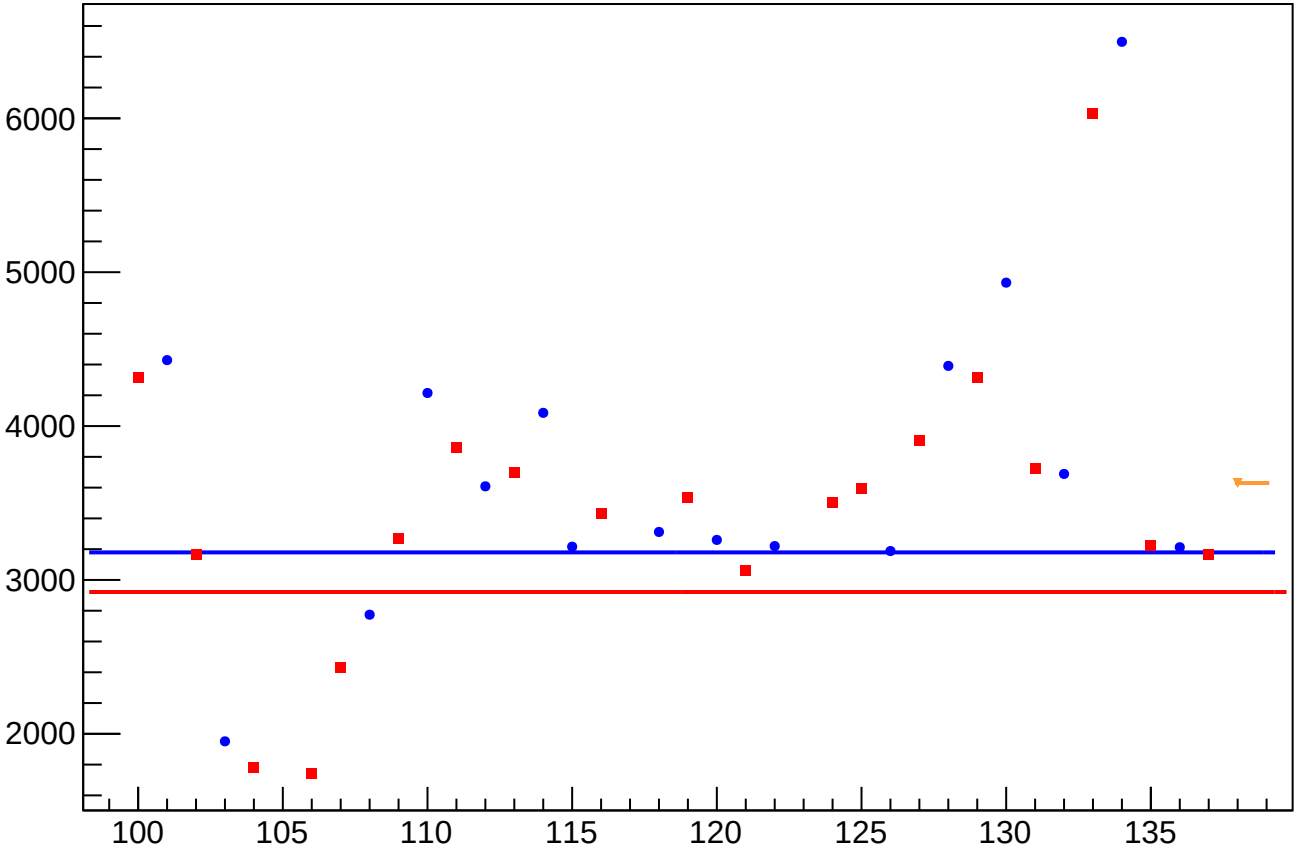
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 614.098+/-1181.779 χ^2/NDF: 14.9/16

All: 260.609+/-819.687 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 3179.054+/-0.872 χ^2/NDF: 1091236.5/15

Left Out: 3629.763+/-2.935 χ^2/NDF:0.0/0

Right Out: 2921.641+/-0.805 χ^2/NDF: 1312890.1/18

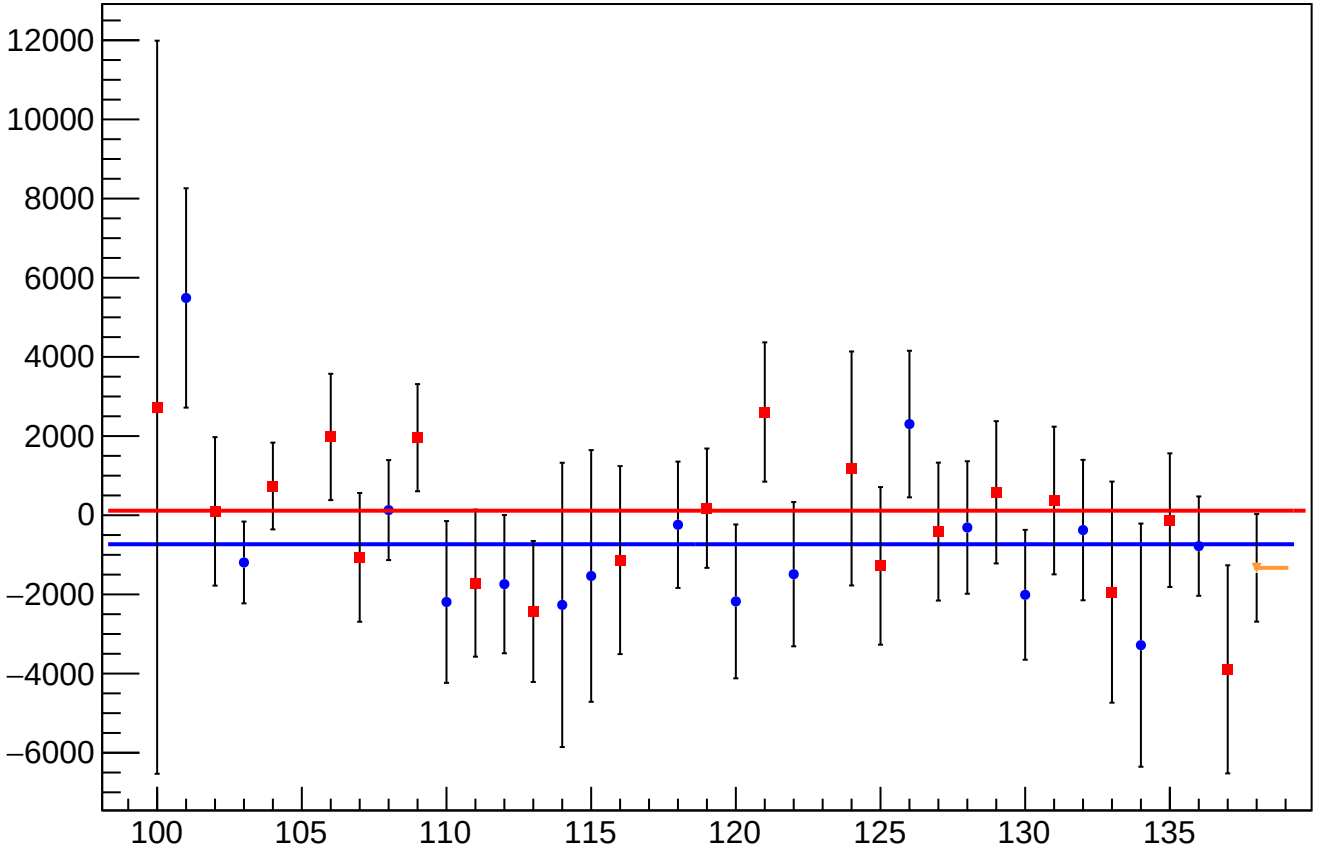
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3215.591+/-0.836 χ^2/NDF: 1112906.9/16

All: 3063.056+/-0.580 χ^2/NDF: 2490006.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -732.682+/-427.385 χ^2/NDF: 11.7/15

Left Out: -1328.526+/-1359.451 χ^2/NDF:0.0/0

Right Out: 115.308+/-411.441 χ^2/NDF: 13.1/18

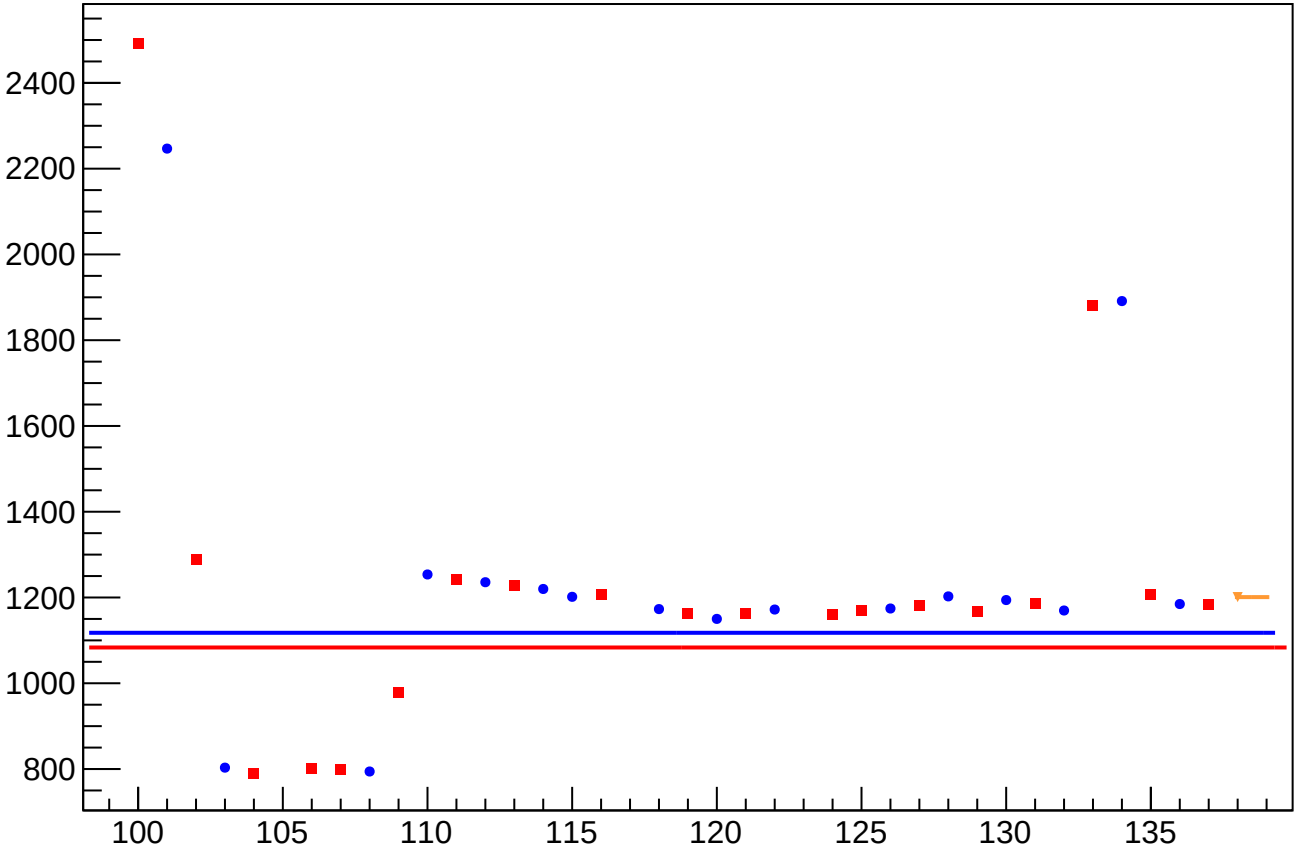
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -786.275+/-407.711 χ^2/NDF: 11.9/16

All: -339.589+/-289.605 χ^2/NDF: 27.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1117.684+/-0.302 χ^2/NDF: 819831.7/15

Left Out: 1200.908+/-0.961 χ^2/NDF:0.0/0

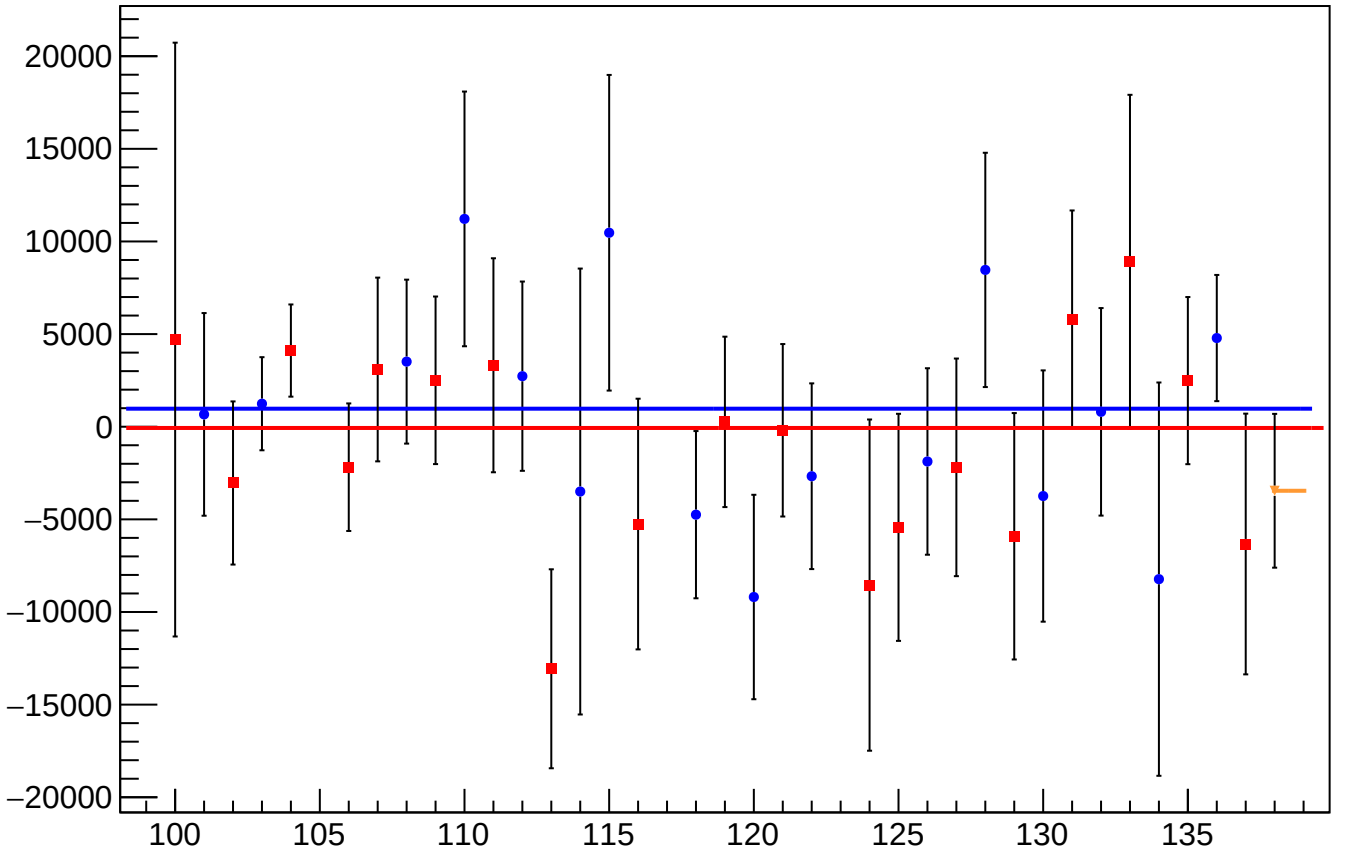
Right Out: 1083.421+/-0.290 χ^2/NDF: 595016.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1125.170+/-0.288 χ^2/NDF: 826653.0/16

All: 1104.445+/-0.205 χ^2/NDF: 1432079.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 973.256+/-1232.803 χ^2/NDF: 13.8/15

Left Out: -3457.258+/-4150.689 χ^2/NDF:0.0/0

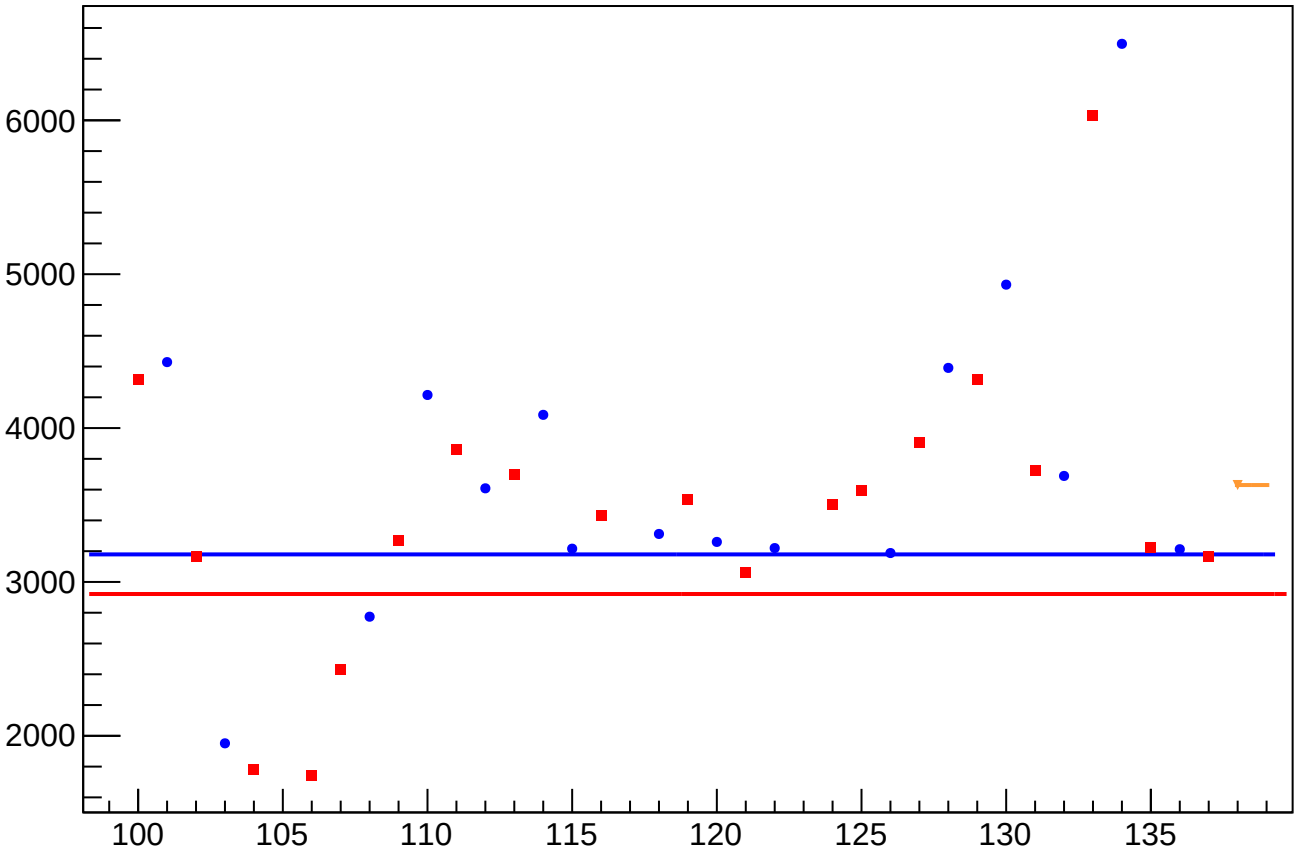
Right Out: -67.113+/-1137.892 χ^2/NDF: 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 614.098+/-1181.779 χ^2/NDF: 14.9/16

All: 260.609+/-819.687 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3179.054+/-0.872 χ^2/NDF: 1091236.5/15

Left Out: 3629.763+/-2.935 χ^2/NDF:0.0/0

Right Out: 2921.641+/-0.805 χ^2/NDF: 1312890.1/18

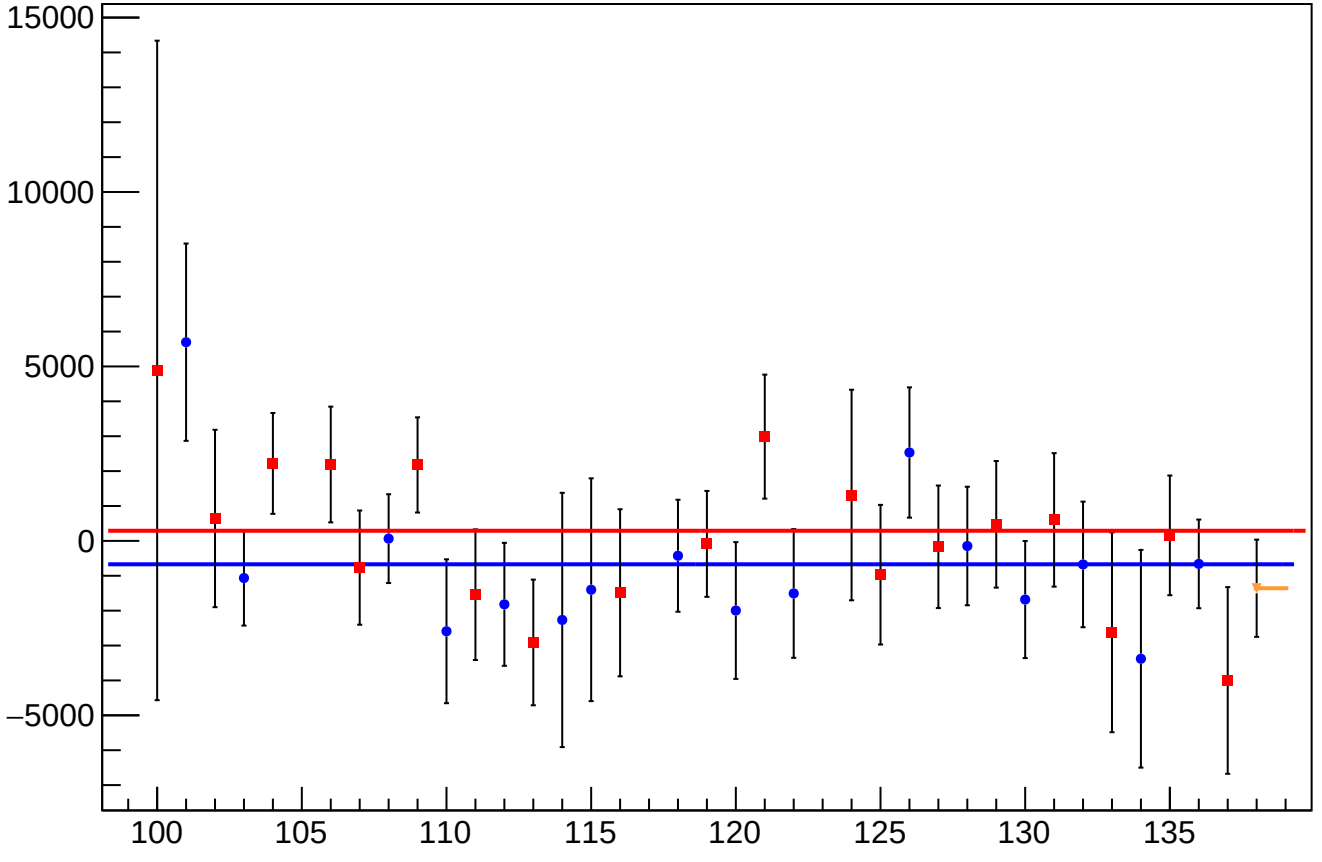
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3215.591+/-0.836 χ^2/NDF: 1112906.9/16

All: 3063.056+/-0.580 χ^2/NDF: 2490006.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_atr2_dd_mean vs Slug



Right In: -670.819+/-448.500 χ^2/NDF: 11.9/15

Left Out: -1357.986+/-1393.582 χ^2/NDF:0.0/0

Right Out: 290.311+/-434.425 χ^2/NDF: 16.9/18

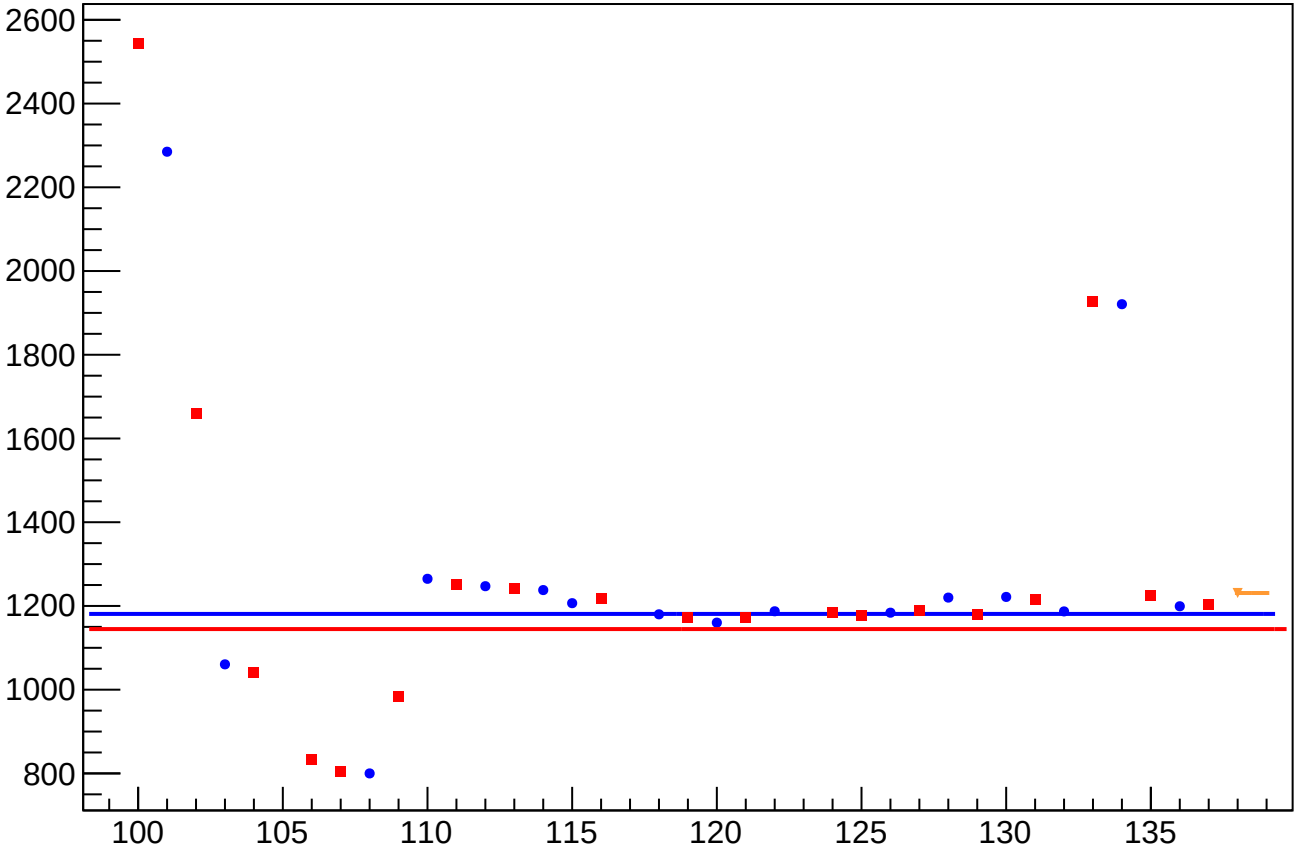
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -735.313+/-426.935 χ^2/NDF: 12.1/16

All: -231.419+/-304.502 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1180.955+/-0.317 χ^2/NDF: 621878.6/15

Left Out: 1230.926+/-0.985 χ^2/NDF:0.0/0

Right Out: 1144.777+/-0.307 χ^2/NDF: 497730.6/18

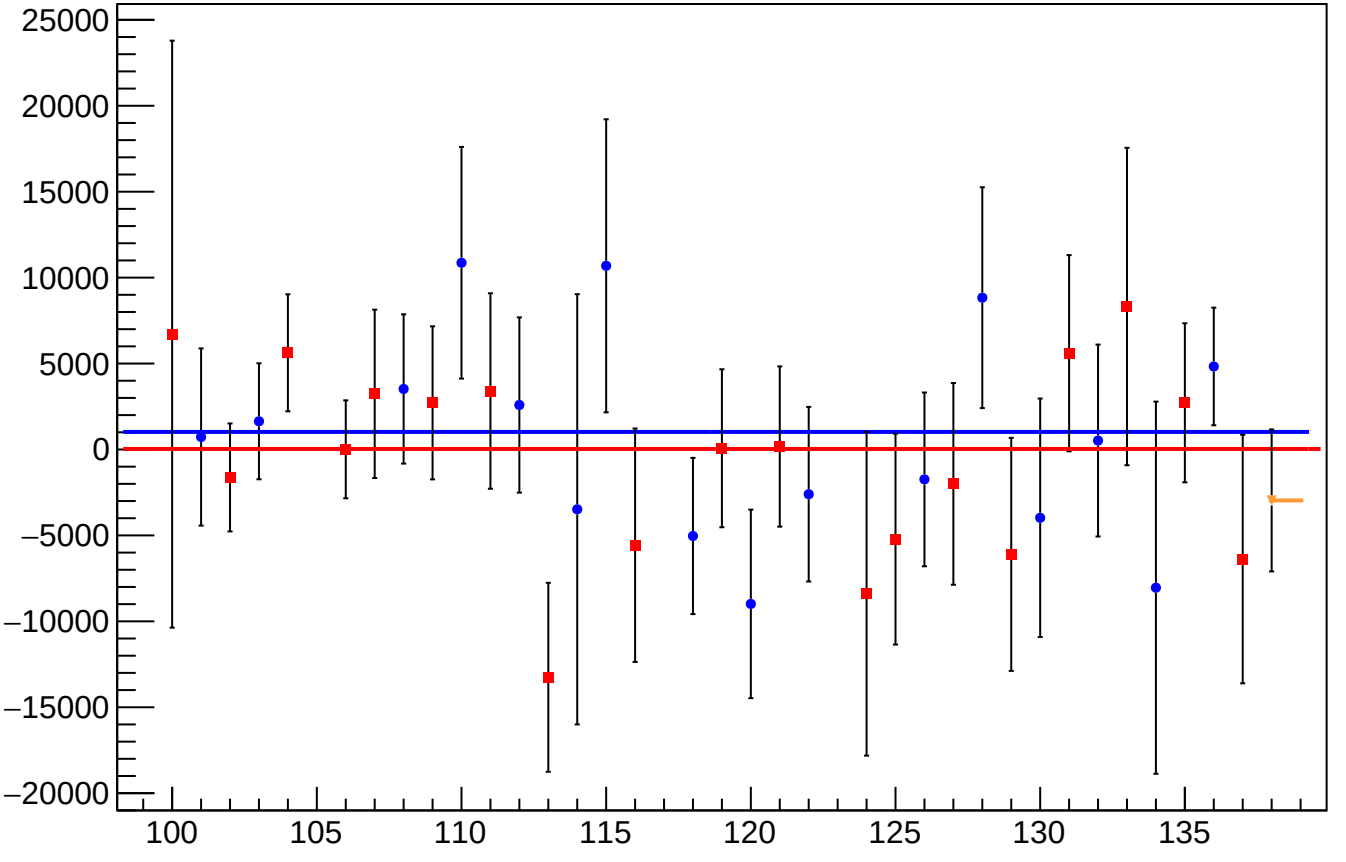
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1185.645+/-0.302 χ^2/NDF: 624208.9/16

All: 1165.557+/-0.215 χ^2/NDF: 1130947.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 1021.047+/-1302.431 χ^2/NDF: 13.9/15

Left Out: -2965.406+/-4130.565 χ^2/NDF:0.0/0

Right Out: 30.135+/-1130.743 χ^2/NDF: 16.1/18

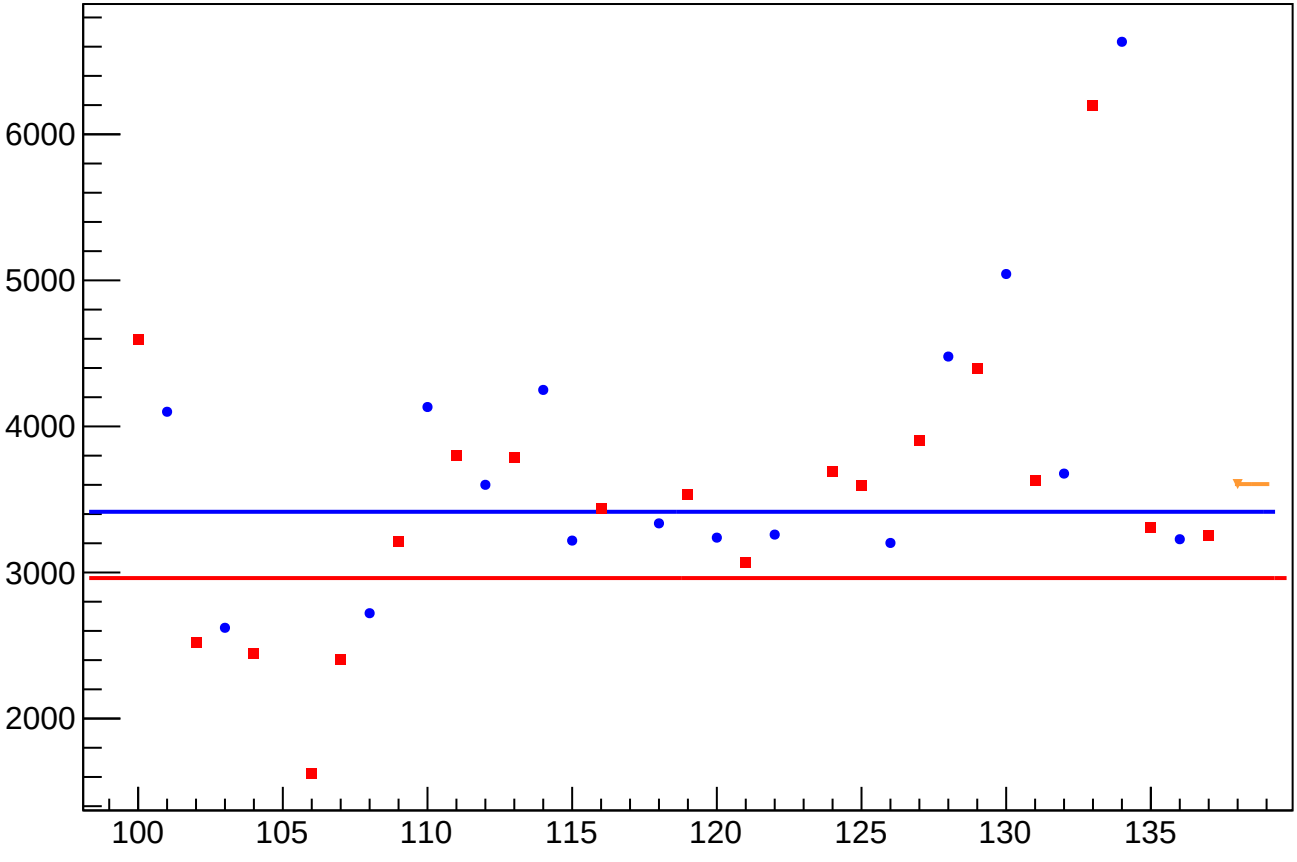
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 660.541+/-1242.145 χ^2/NDF: 14.7/16

All: 315.807+/-836.172 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3415.595+/-0.921 χ^2/NDF: 592344.0/15

Left Out: 3605.234+/-2.921 χ^2/NDF:0.0/0

Right Out: 2961.798+/-0.800 χ^2/NDF: 1169257.4/18

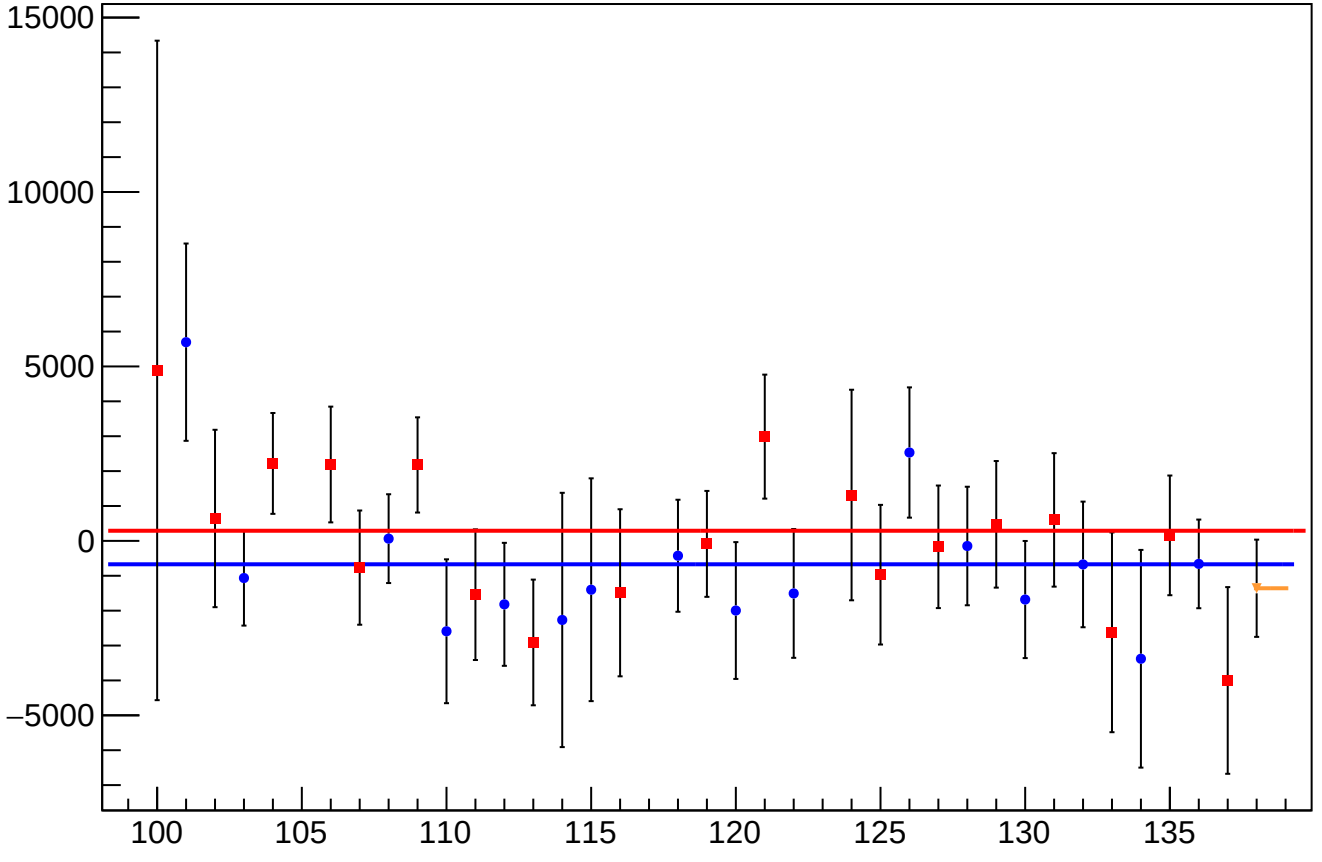
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3432.744+/-0.878 χ^2/NDF: 596178.4/16

All: 3175.210+/-0.591 χ^2/NDF: 1922650.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -670.824+/-448.500 χ^2/NDF: 11.9/15

Left Out: -1357.982+/-1393.583 χ^2/NDF:0.0/0

Right Out: 290.316+/-434.425 χ^2/NDF: 16.9/18

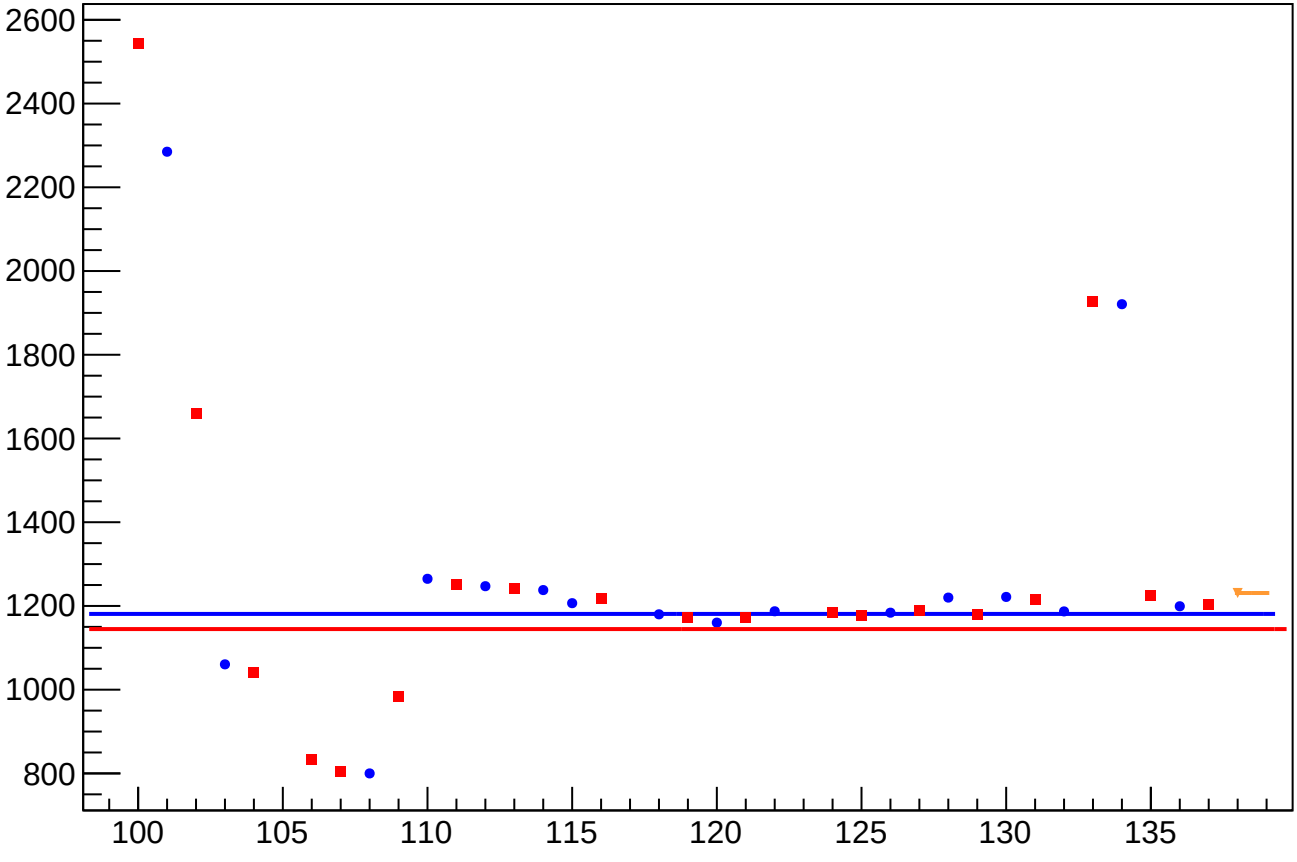
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -735.317+/-426.934 χ^2/NDF: 12.1/16

All: -231.419+/-304.502 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1180.955+/-0.317 χ^2/NDF: 621878.9/15

Left Out: 1230.927+/-0.985 χ^2/NDF:0.0/0

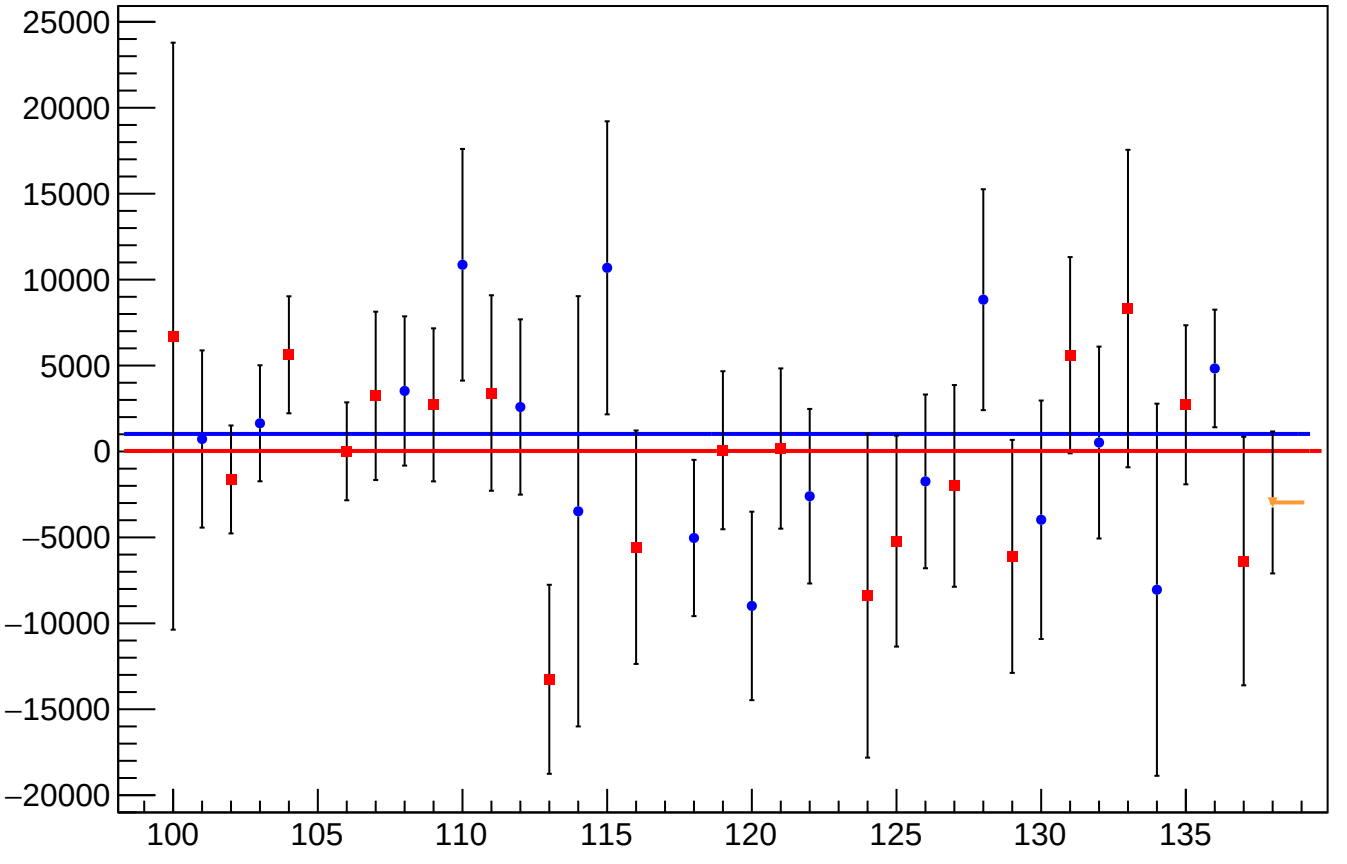
Right Out: 1144.777+/-0.307 χ^2/NDF: 497730.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1185.645+/-0.302 χ^2/NDF: 624209.2/16

All: 1165.557+/-0.215 χ^2/NDF: 1130947.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1021.029+/-1302.430 χ^2/NDF: 13.9/15

Left Out: -2965.401+/-4130.568 χ^2/NDF:0.0/0

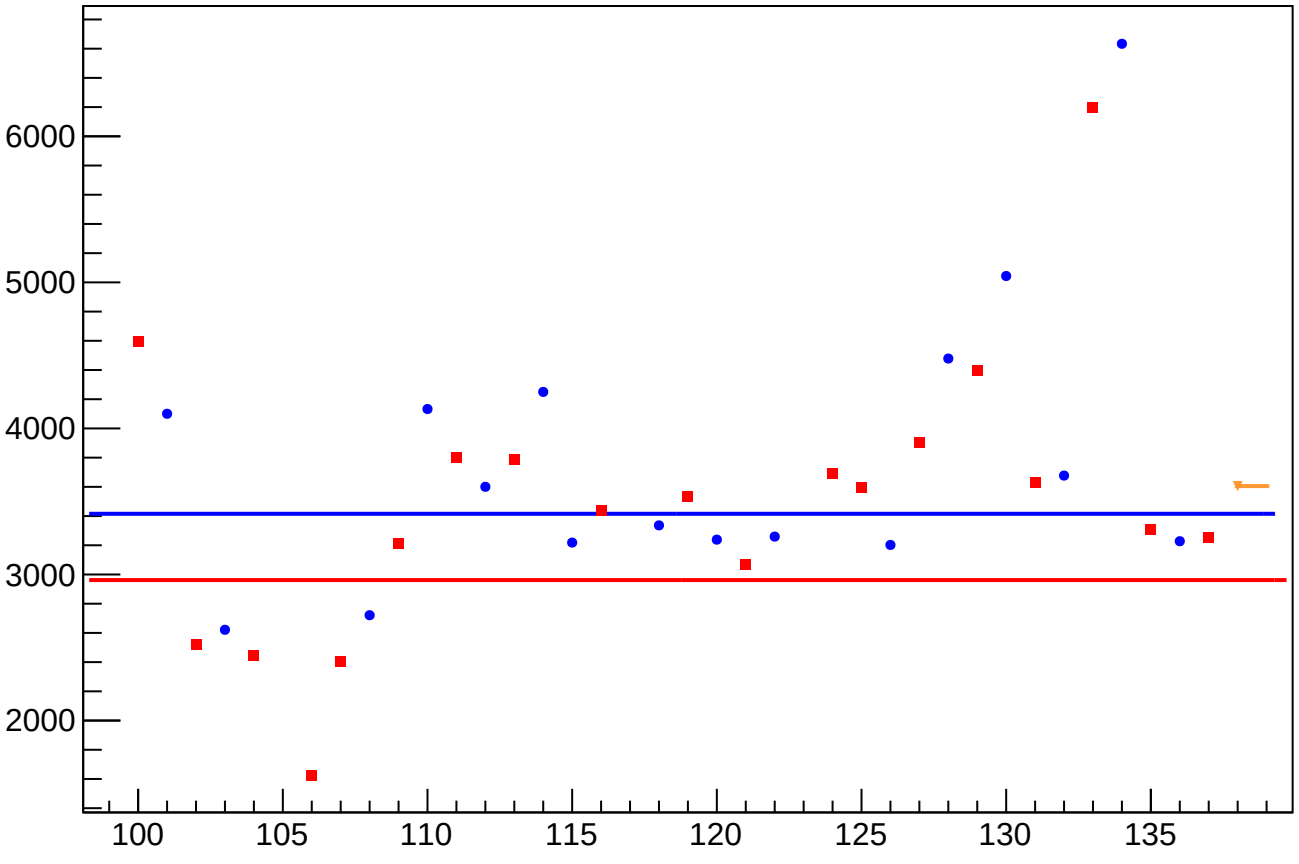
Right Out: 30.142+/-1130.741 χ^2/NDF: 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 660.527+/-1242.143 χ^2/NDF: 14.7/16

All: 315.804+/-836.171 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3415.591+/-0.921 χ^2/NDF: 592339.1/15

Left Out: 3605.237+/-2.921 χ^2/NDF:0.0/0

Right Out: 2961.793+/-0.800 χ^2/NDF: 1169257.0/18

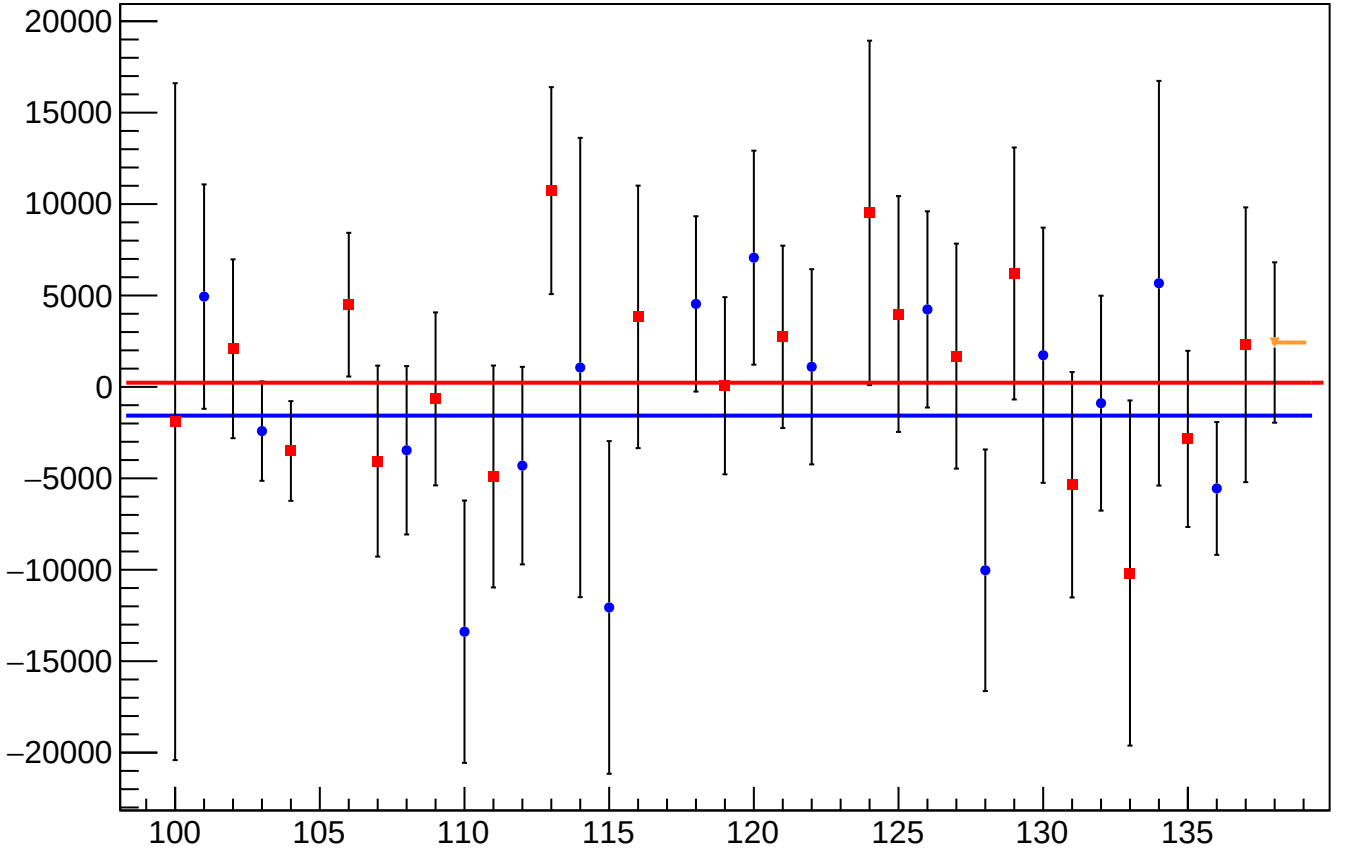
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3432.741+/-0.878 χ^2/NDF: 596173.8/16

All: 3175.206+/-0.591 χ^2/NDF: 1922646.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -1569.809+/-1312.937 χ^2/NDF: 14.5/15

Left Out: 2428.921+/-4385.071 χ^2/NDF:0.0/0

Right Out: 231.125+/-1224.318 χ^2/NDF: 13.2/18

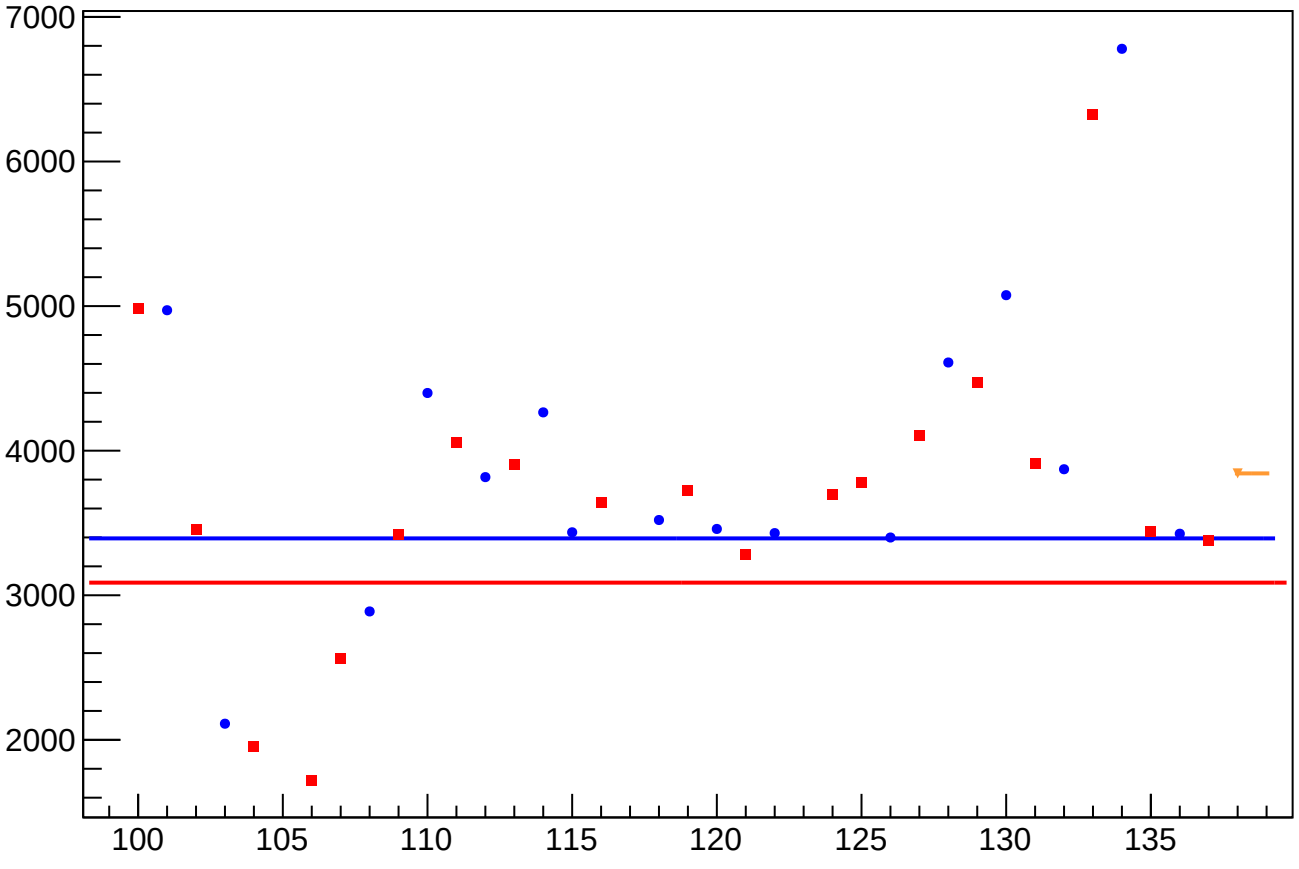
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1240.828+/-1257.770 χ^2/NDF: 15.2/16

All: -485.017+/-877.311 χ^2/NDF: 29.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 3393.365+/-0.928 χ^2/NDF: 1048707.6/15

Left Out: 3842.833+/-3.101 χ^2/NDF:0.0/0

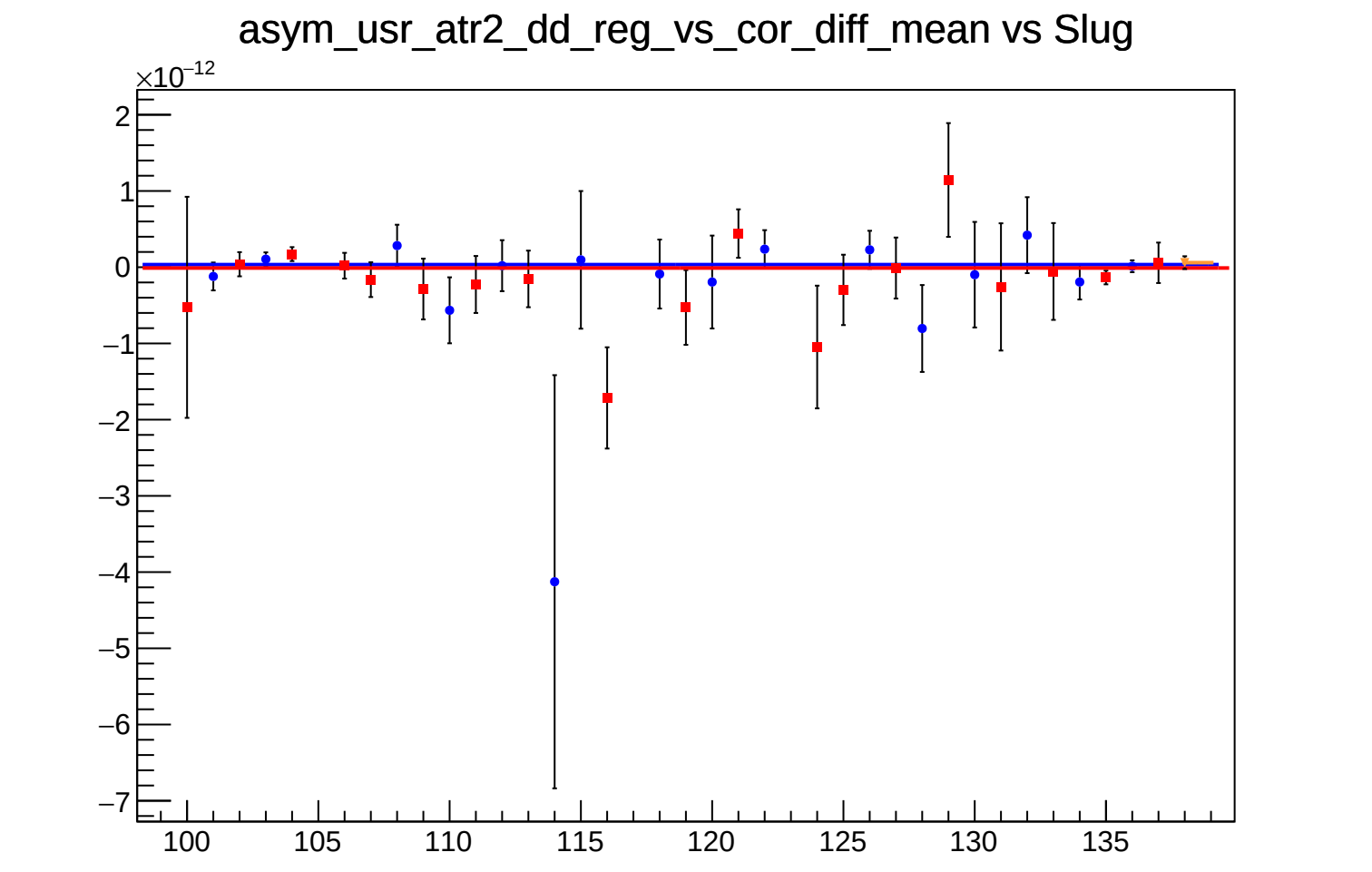
Right Out: 3087.307+/-0.851 χ^2/NDF: 1328355.8/18

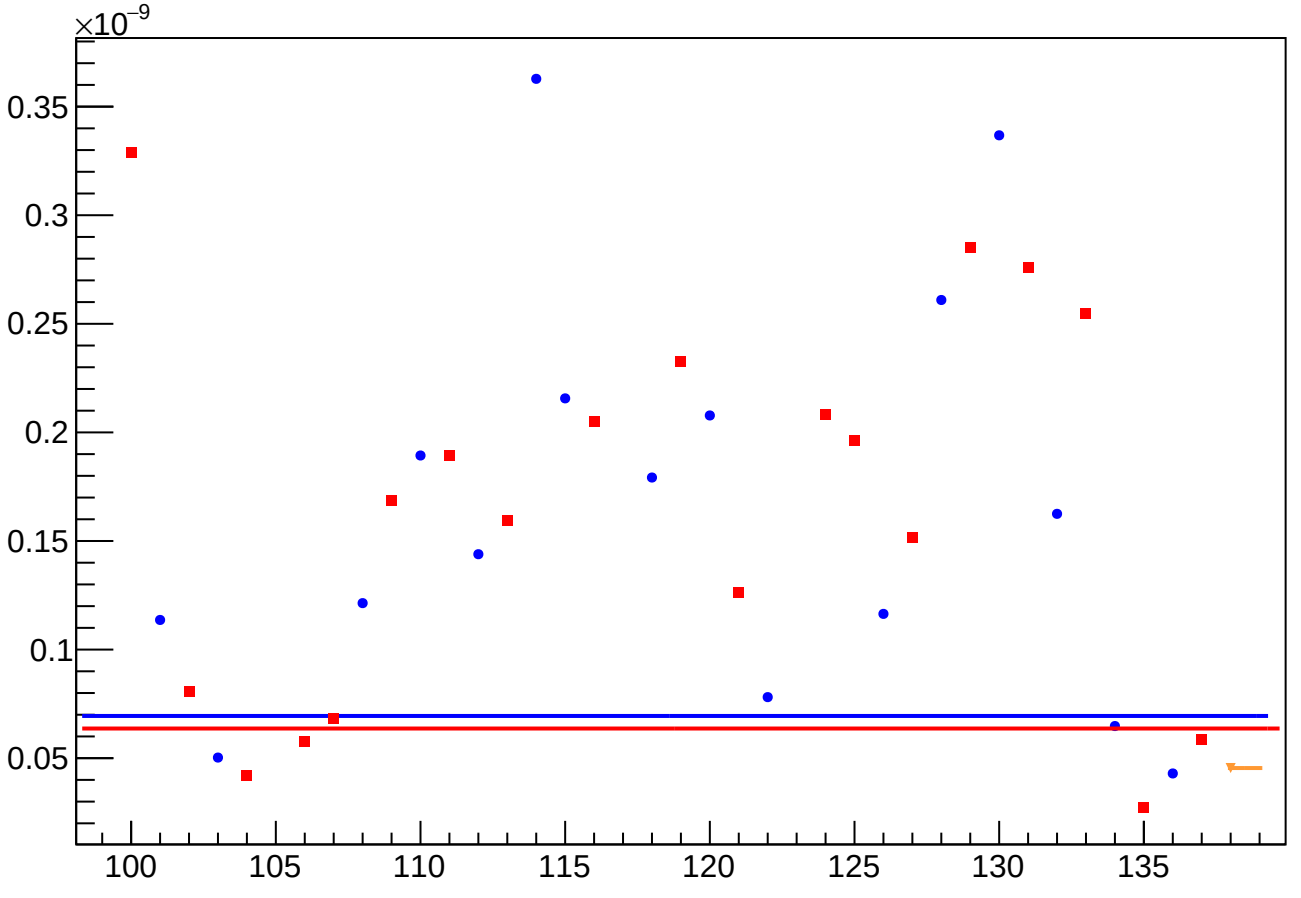
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3430.343+/-0.889 χ^2/NDF: 1067991.2/16

All: 3251.309+/-0.615 χ^2/NDF: 2473990.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug
×10^−12
2
1
0
−1
−2
−3
−4
−5
−6
−7
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 11.8/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.000+/-0.000 χ²/NDF: 21.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 11.9/16
All: 0.000+/-0.000 χ²/NDF: 34.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1729471.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2250342.3/18

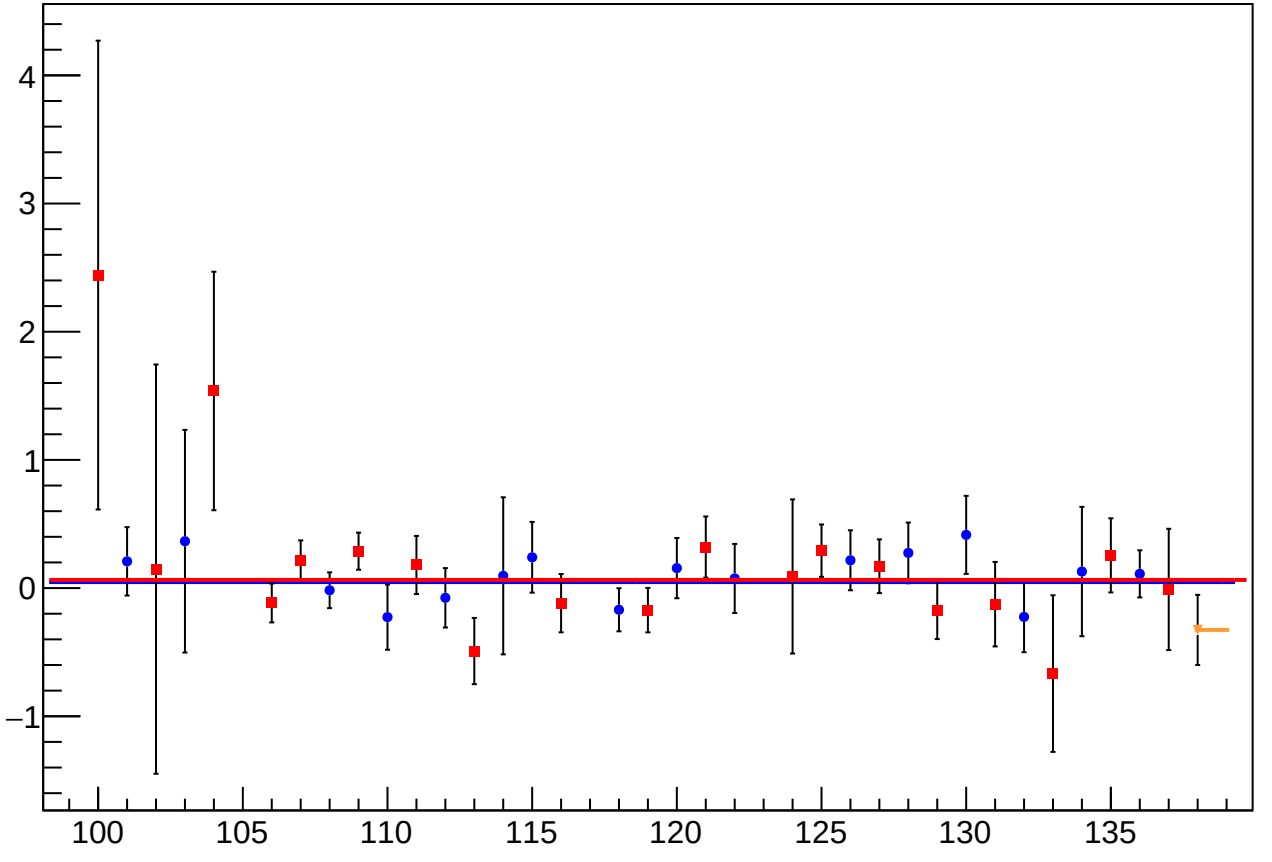
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1851377.2/16

All: 0.000+/-0.000 χ^2/NDF: 4101762.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.047+/-0.060 χ^2/NDF: 8.6/15

Left Out: -0.326+/-0.273 χ^2/NDF:0.0/0

Right Out: 0.064+/-0.055 χ^2/NDF: 22.2/18

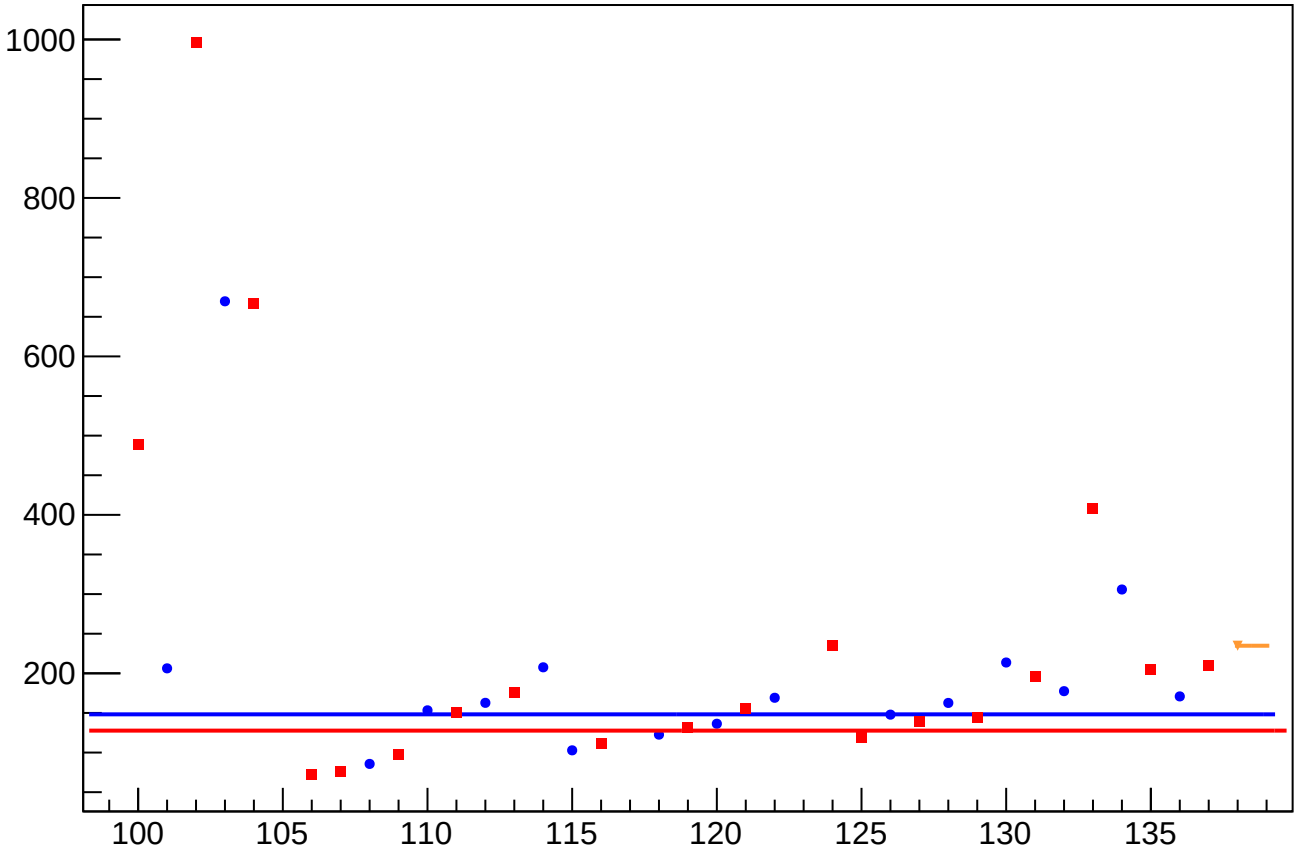
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.030+/-0.059 χ^2/NDF: 10.3/16

All: 0.048+/-0.040 χ^2/NDF: 32.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 148.240+/-0.042 χ^2/NDF: 1710035.6/15

Left Out: 234.834+/-0.193 χ^2/NDF:0.0/0

Right Out: 127.685+/-0.039 χ^2/NDF: 2841780.7/18

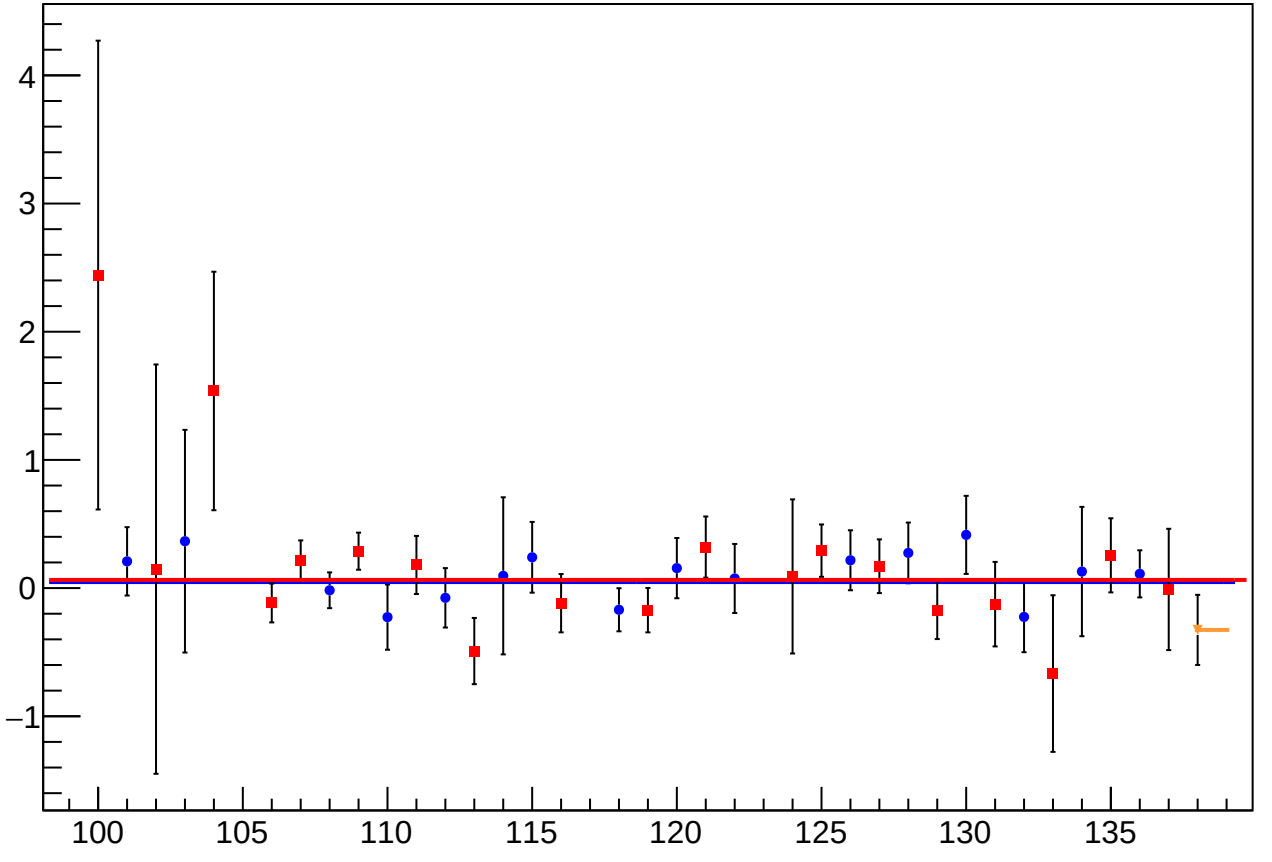
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152.220+/-0.041 χ^2/NDF: 1901312.7/16

All: 139.095+/-0.028 χ^2/NDF: 4930435.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.047+/-0.060 χ^2/NDF: 8.6/15

Left Out: -0.326+/-0.273 χ^2/NDF:0.0/0

Right Out: 0.064+/-0.055 χ^2/NDF: 22.2/18

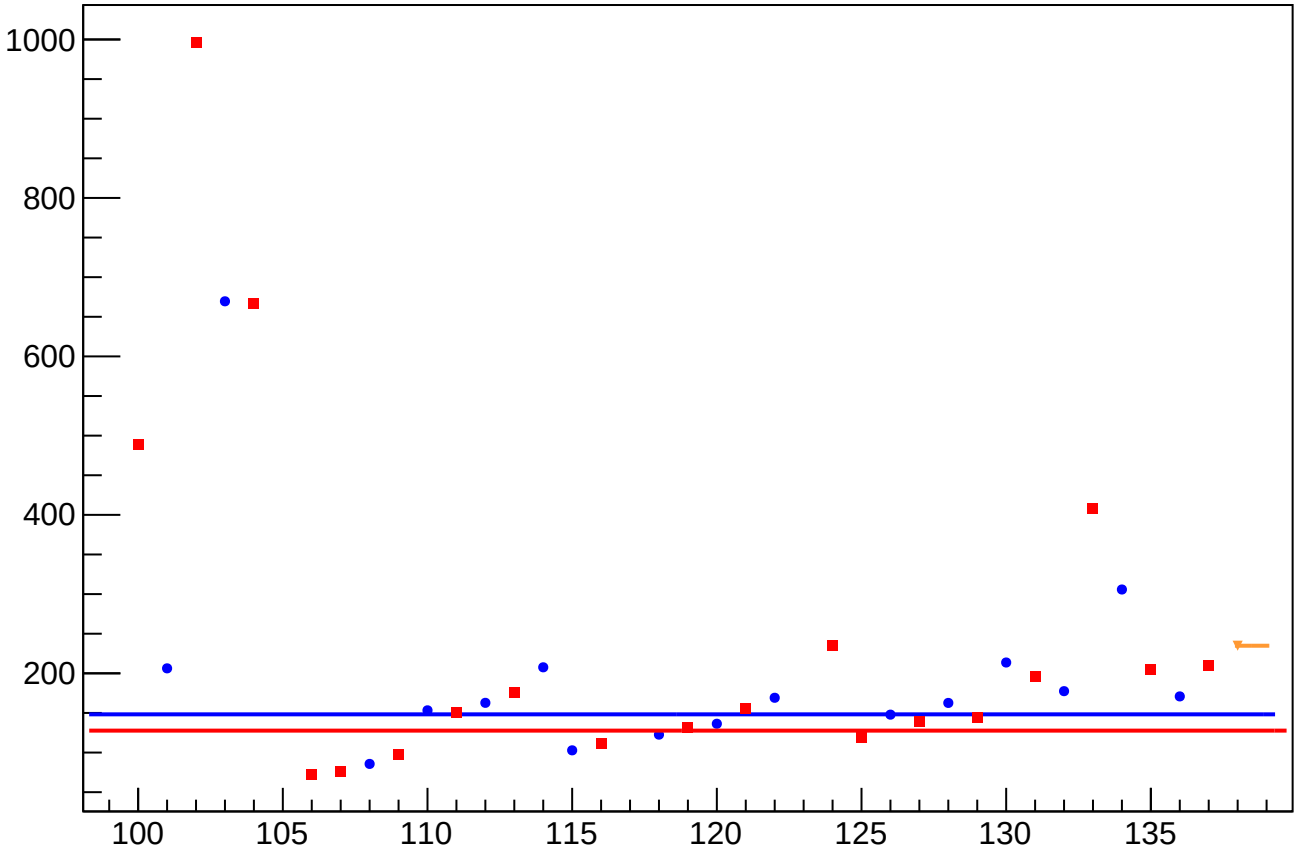
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.030+/-0.059 χ^2/NDF: 10.3/16

All: 0.048+/-0.040 χ^2/NDF: 32.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 148.240+/-0.042 χ^2/NDF: 1710035.6/15

Left Out: 234.834+/-0.193 χ^2/NDF:0.0/0

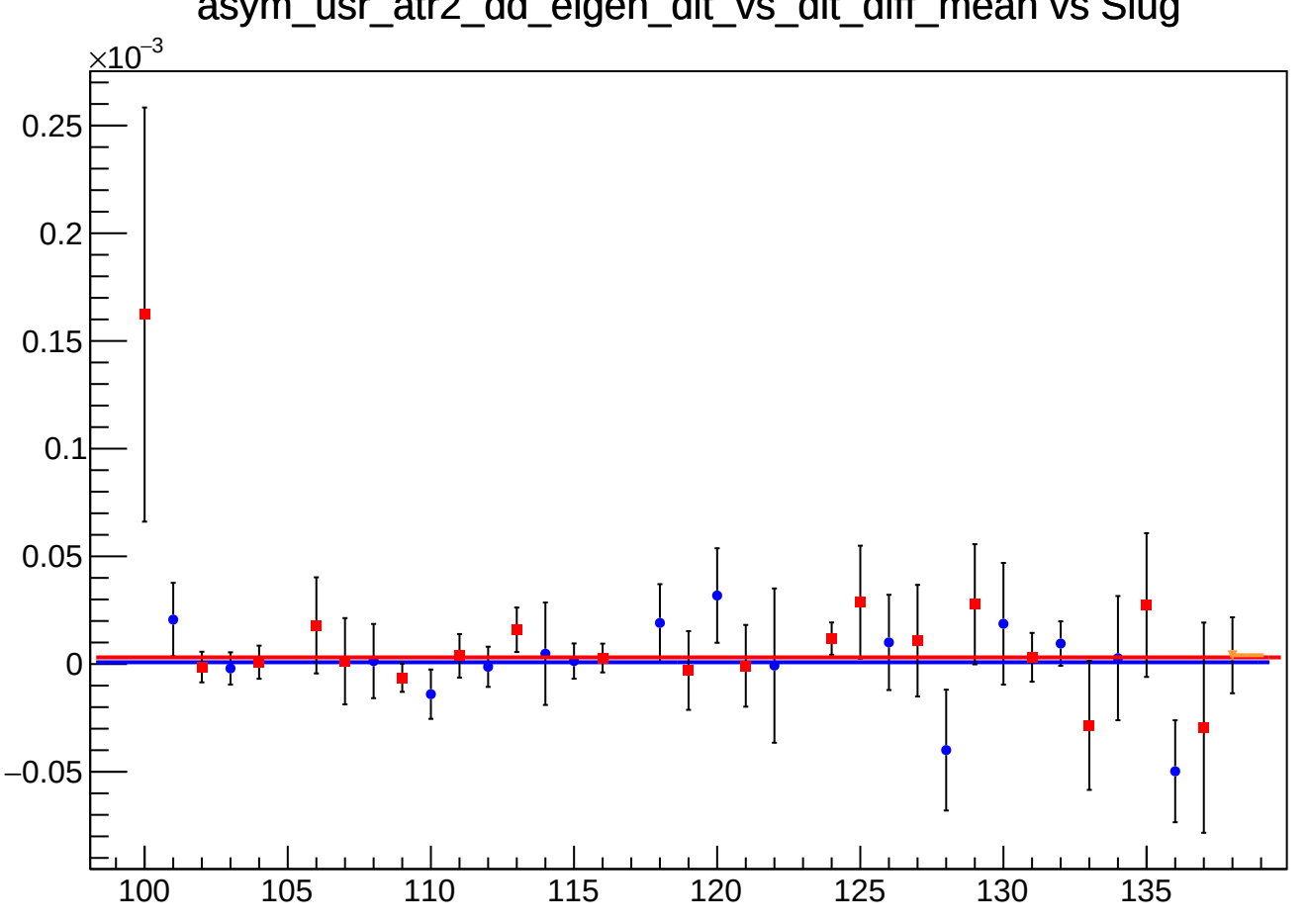
Right Out: 127.685+/-0.039 χ^2/NDF: 2841780.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152.220+/-0.041 χ^2/NDF: 1901312.7/16

All: 139.095+/-0.028 χ^2/NDF: 4930435.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

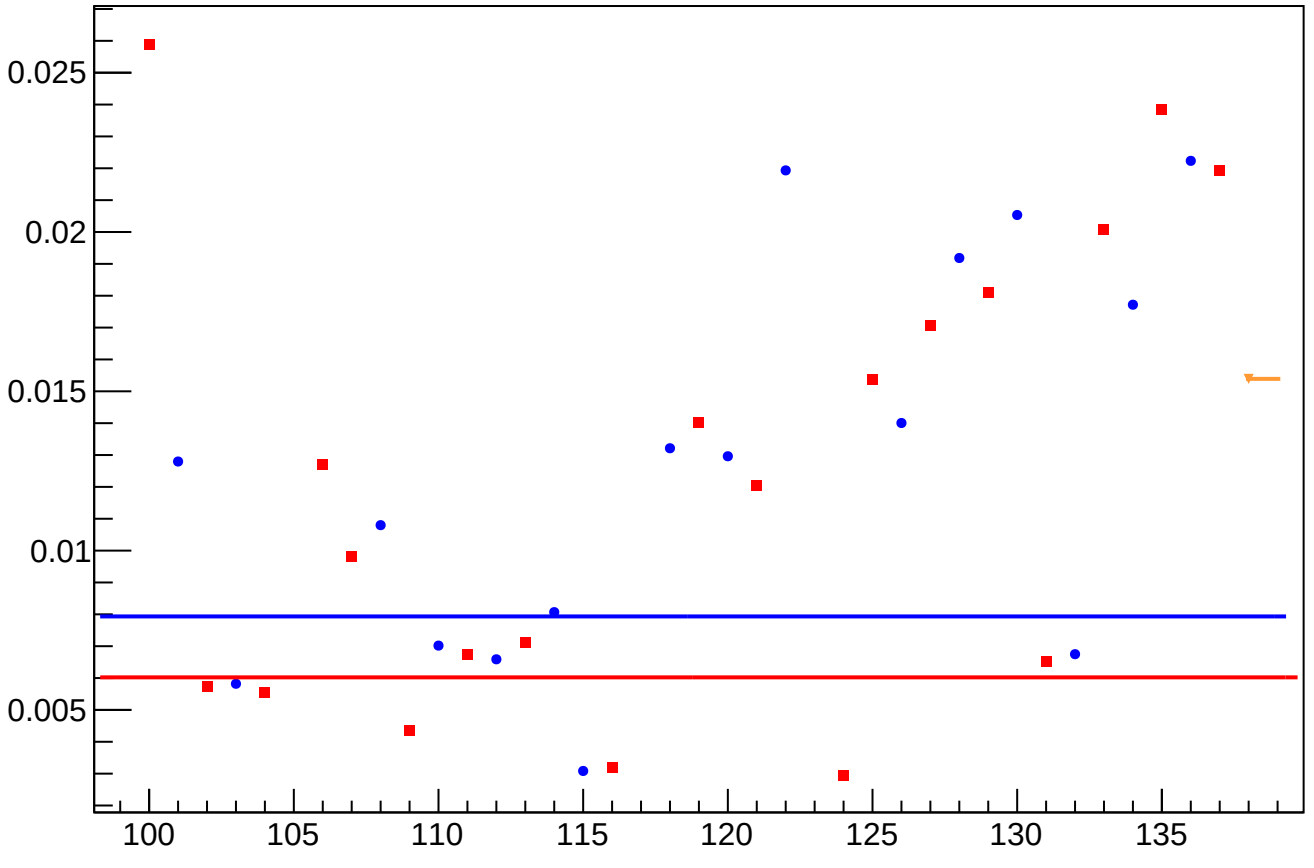
Right Out: 0.000+/-0.000 χ^2/NDF: 12.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 14.3/16

All: 0.000+/-0.000 χ^2/NDF: 27.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.000 χ^2/NDF: 3577687.8/15

Left Out: 0.015+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF: 4009592.0/18

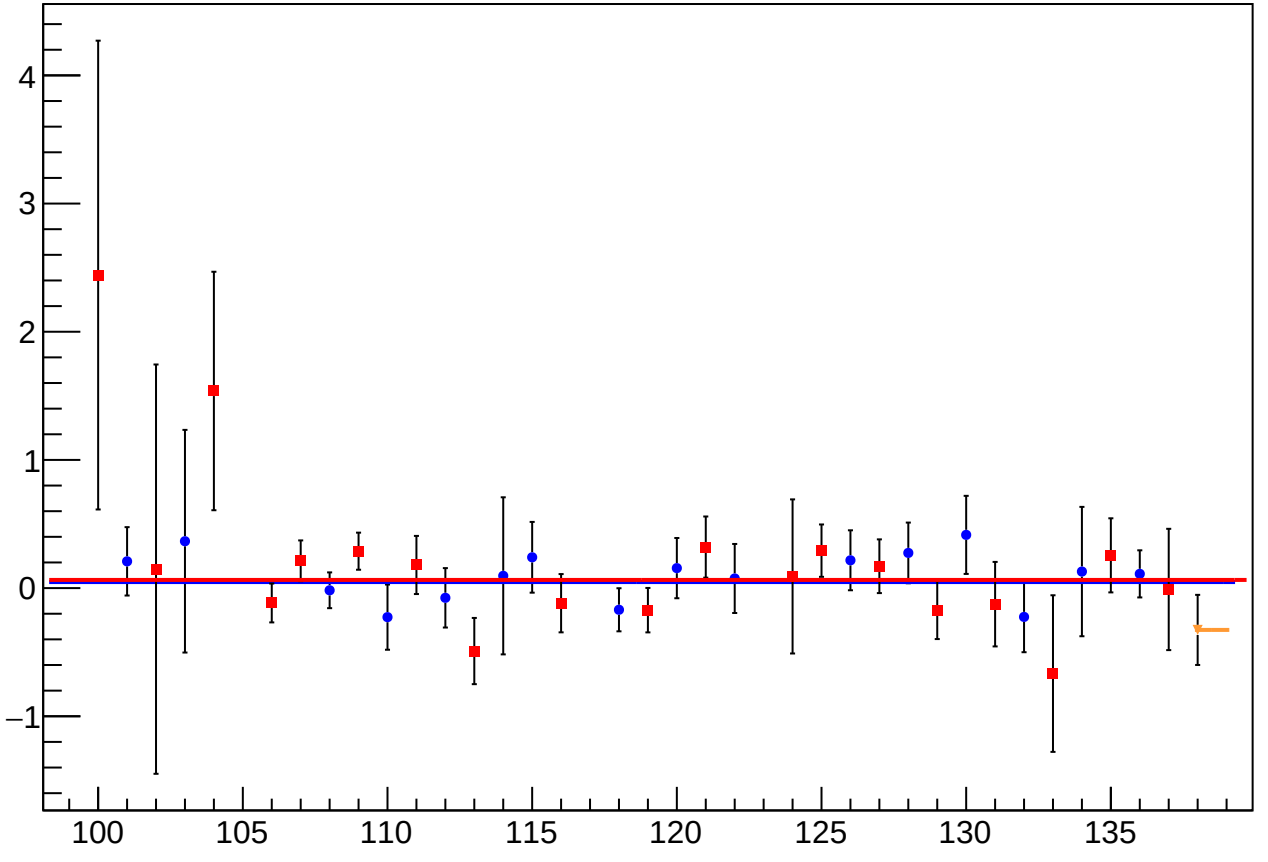
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 3922274.5/16

All: 0.007+/-0.000 χ^2/NDF: 8450689.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.047+/-0.060 χ^2/NDF: 8.6/15

Left Out: -0.326+/-0.274 χ^2/NDF:0.0/0

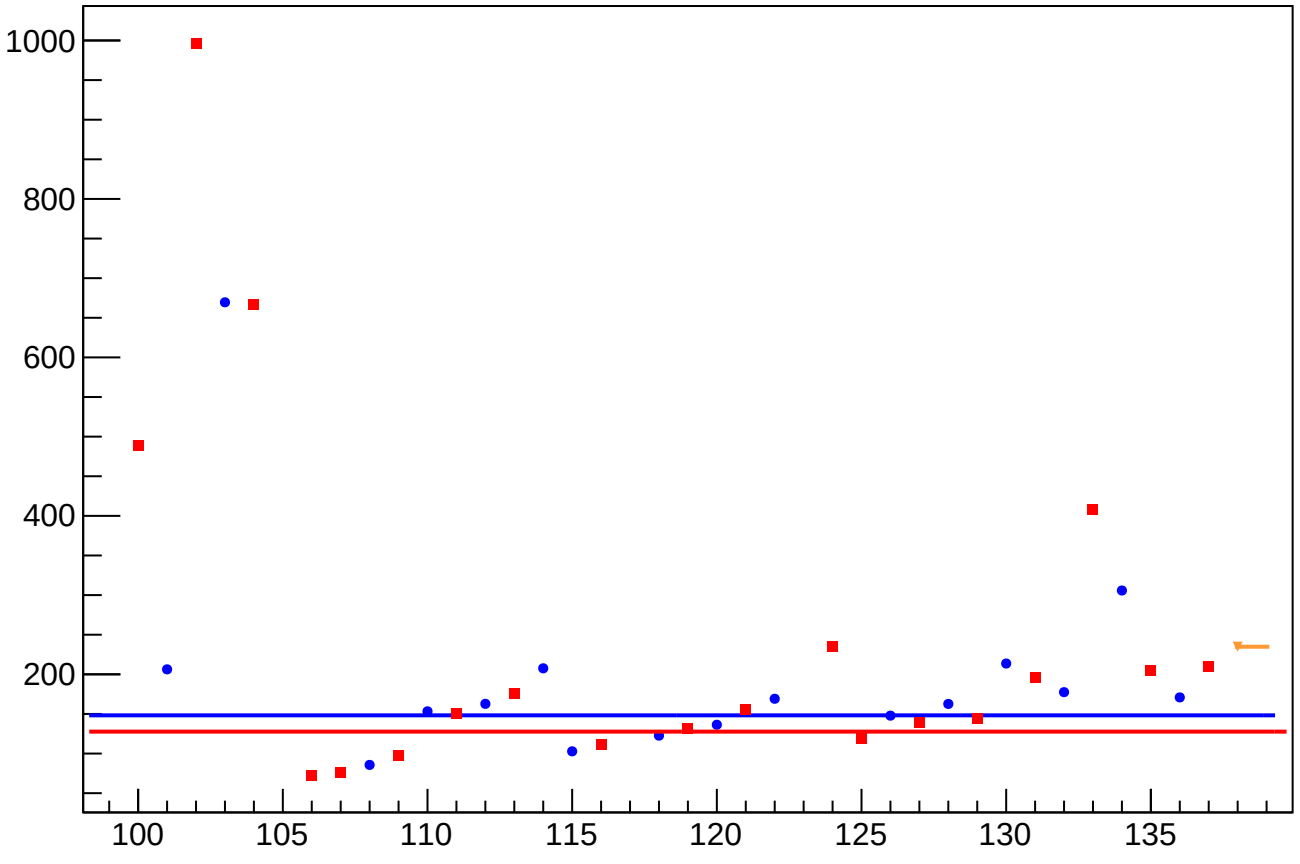
Right Out: 0.064+/-0.055 χ^2/NDF: 22.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.030+/-0.059 χ^2/NDF: 10.3/16

All: 0.048+/-0.040 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 148.238+/-0.042 χ^2/NDF: 1710114.4/15

Left Out: 234.839+/-0.193 χ^2/NDF:0.0/0

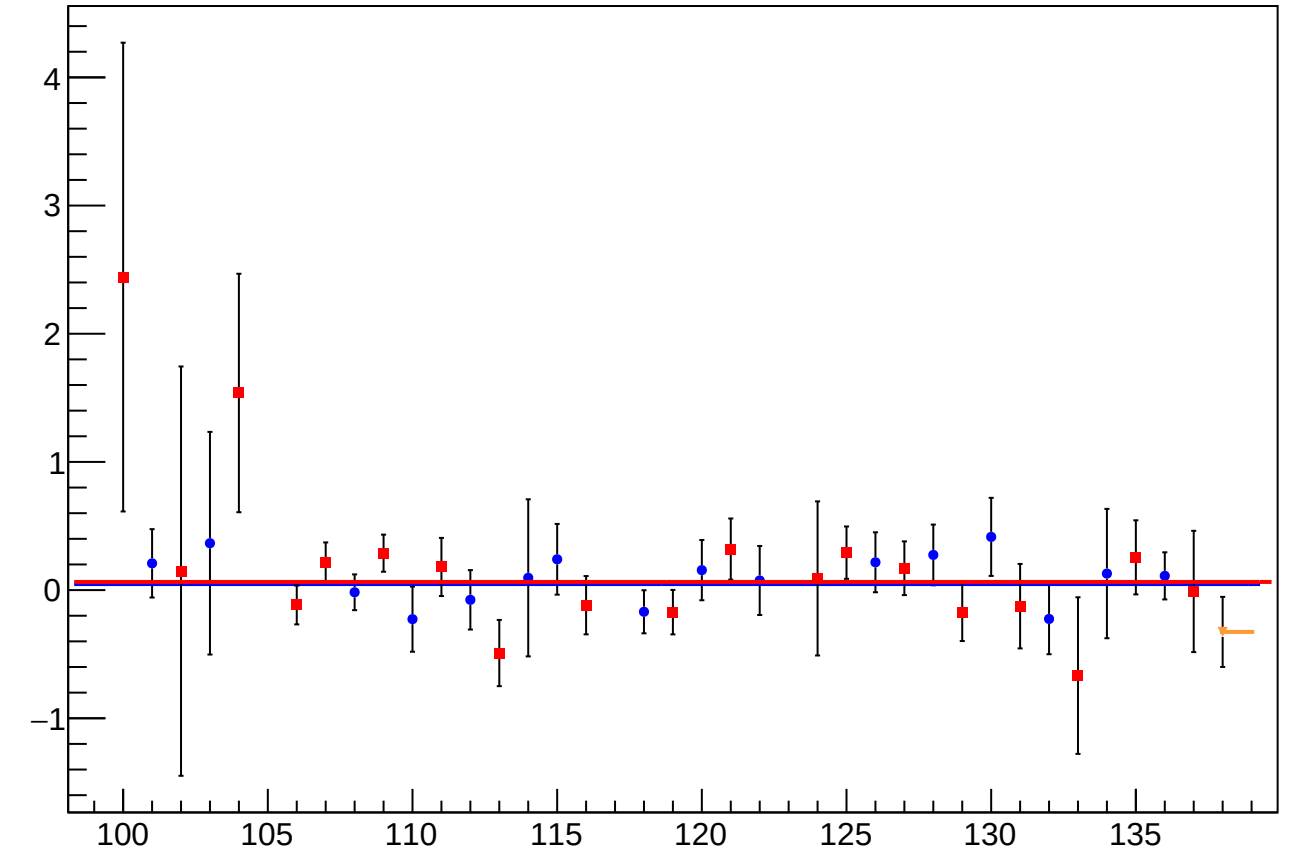
Right Out: 127.685+/-0.039 χ^2/NDF: 2841772.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152.218+/-0.041 χ^2/NDF: 1901416.6/16

All: 139.094+/-0.028 χ^2/NDF: 4930496.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.047+/-0.060 χ^2/NDF: 8.6/15

Left Out: -0.326+/-0.274 χ^2/NDF:0.0/0

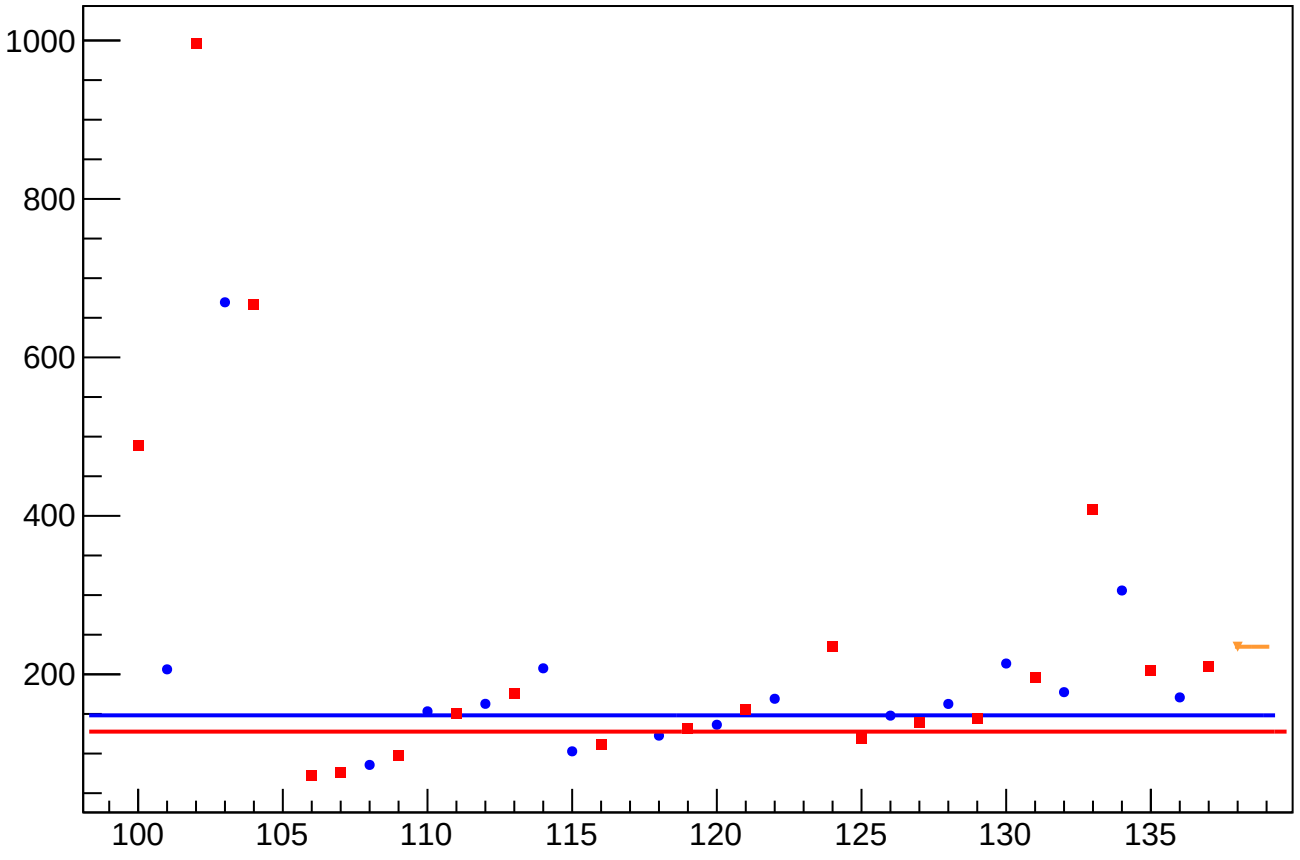
Right Out: 0.064+/-0.055 χ^2/NDF: 22.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.030+/-0.059 χ^2/NDF: 10.3/16

All: 0.048+/-0.040 χ^2/NDF: 32.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 148.238+/-0.042 χ^2/NDF: 1710114.4/15

Left Out: 234.839+/-0.193 χ^2/NDF:0.0/0

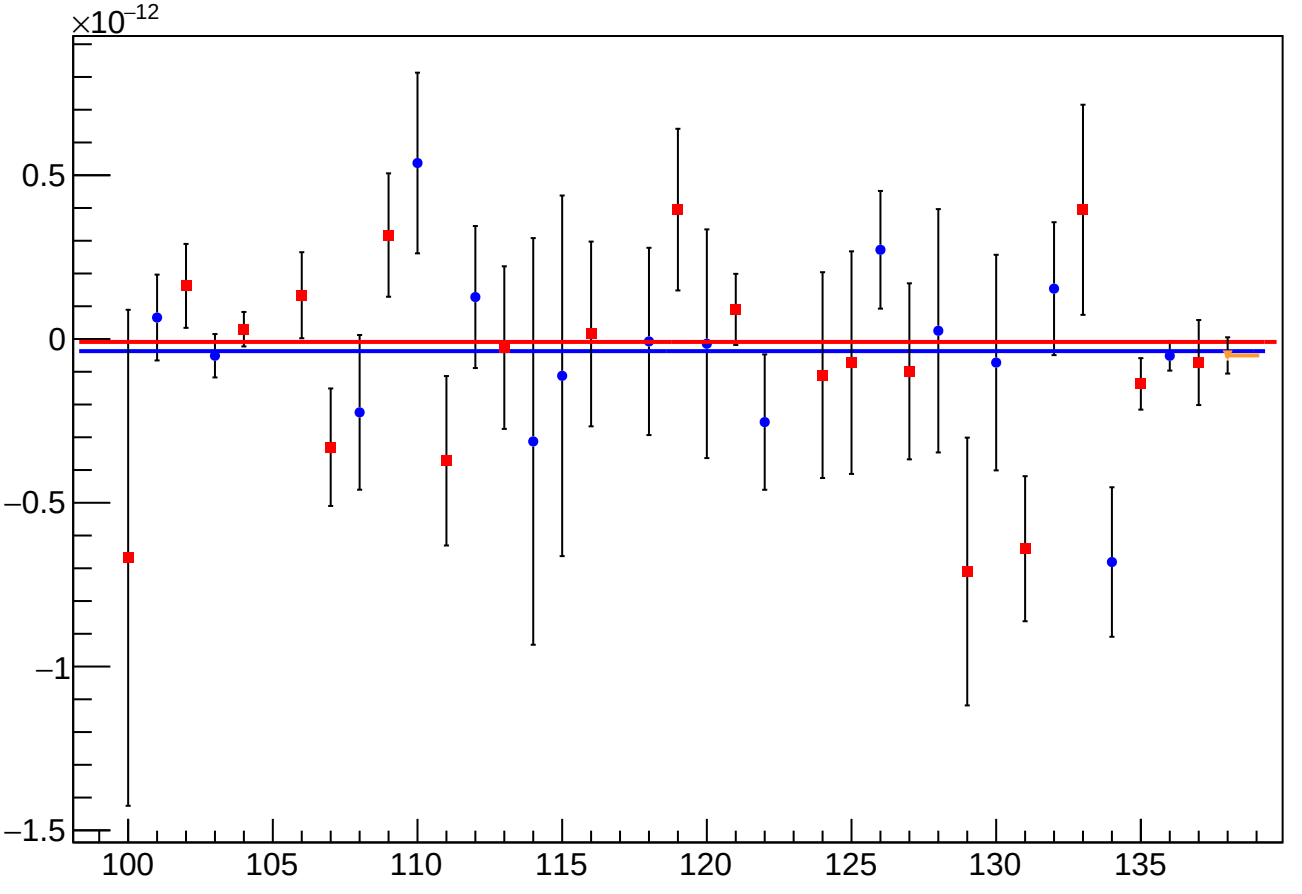
Right Out: 127.685+/-0.039 χ^2/NDF: 2841772.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152.218+/-0.041 χ^2/NDF: 1901416.6/16

All: 139.094+/-0.028 χ^2/NDF: 4930496.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 19.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

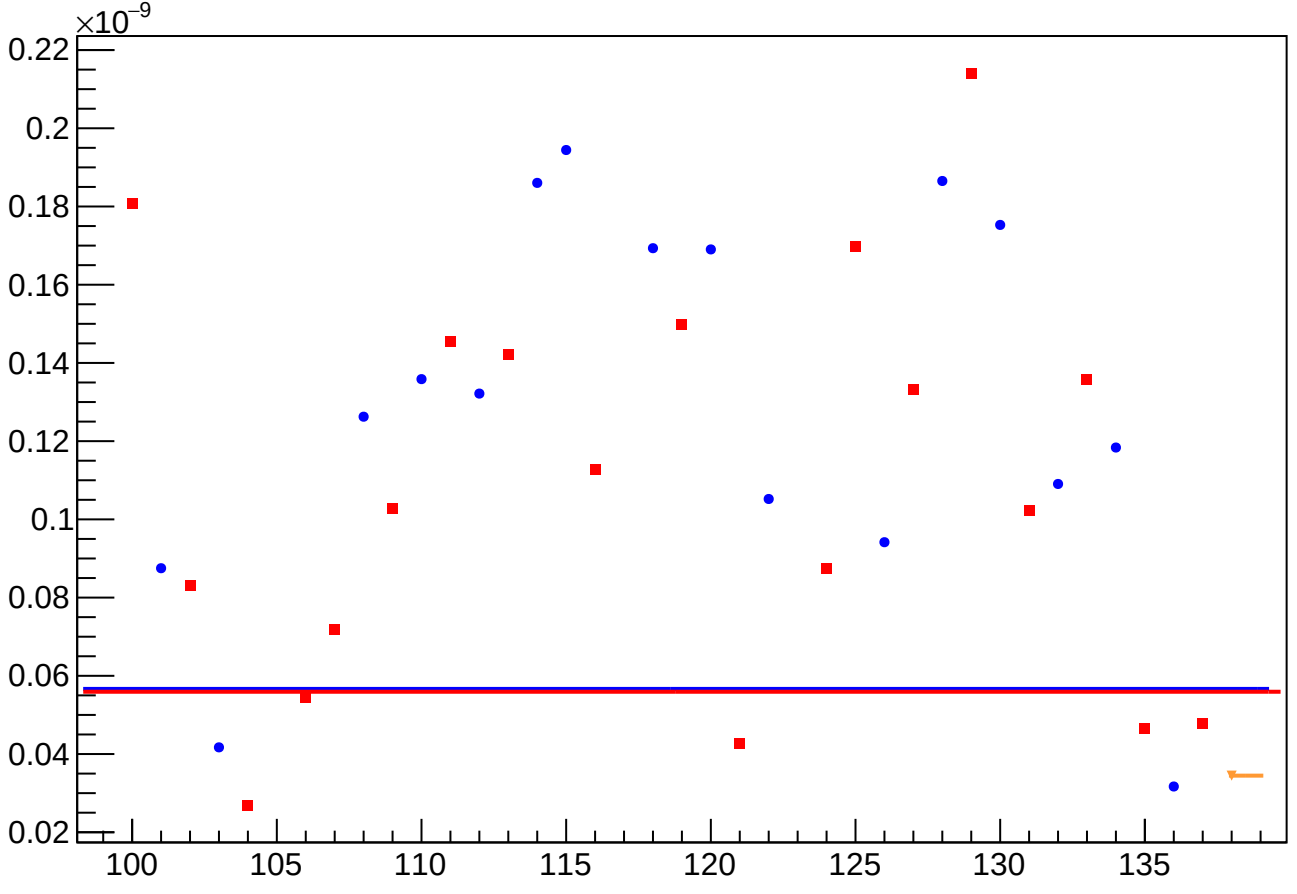
Right Out: -0.000+/-0.000 χ^2/NDF: 31.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 19.5/16

All: -0.000+/-0.000 χ^2/NDF: 51.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3113213.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2732977.9/18

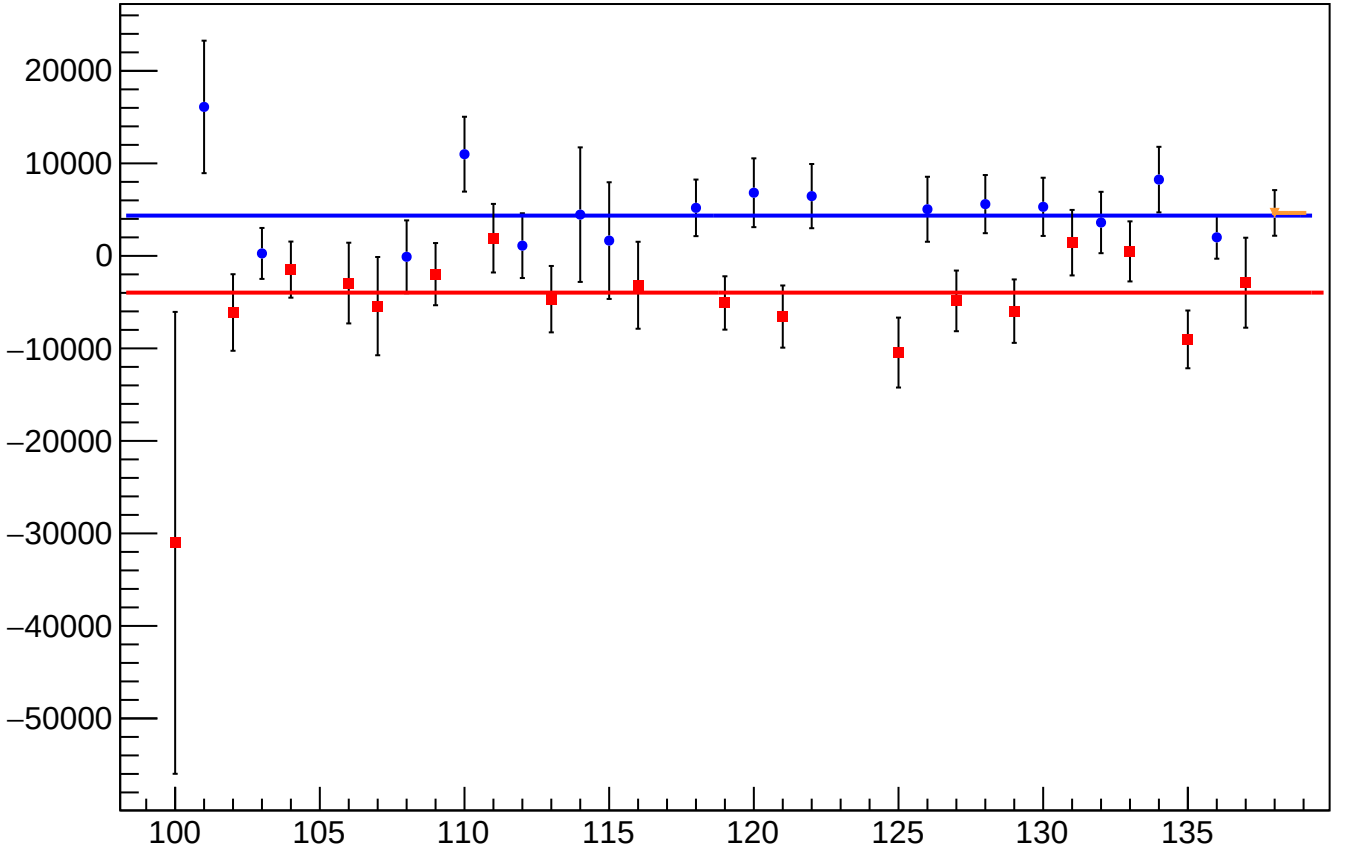
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3353220.8/16

All: 0.000+/-0.000 χ^2/NDF: 6112588.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4354.350+/-875.155 χ^2/NDF: 13.4/15

Left Out: 4643.621+/-2466.912 χ^2/NDF:0.0/0

Right Out: -3971.679+/-871.305 χ^2/NDF: 16.2/17

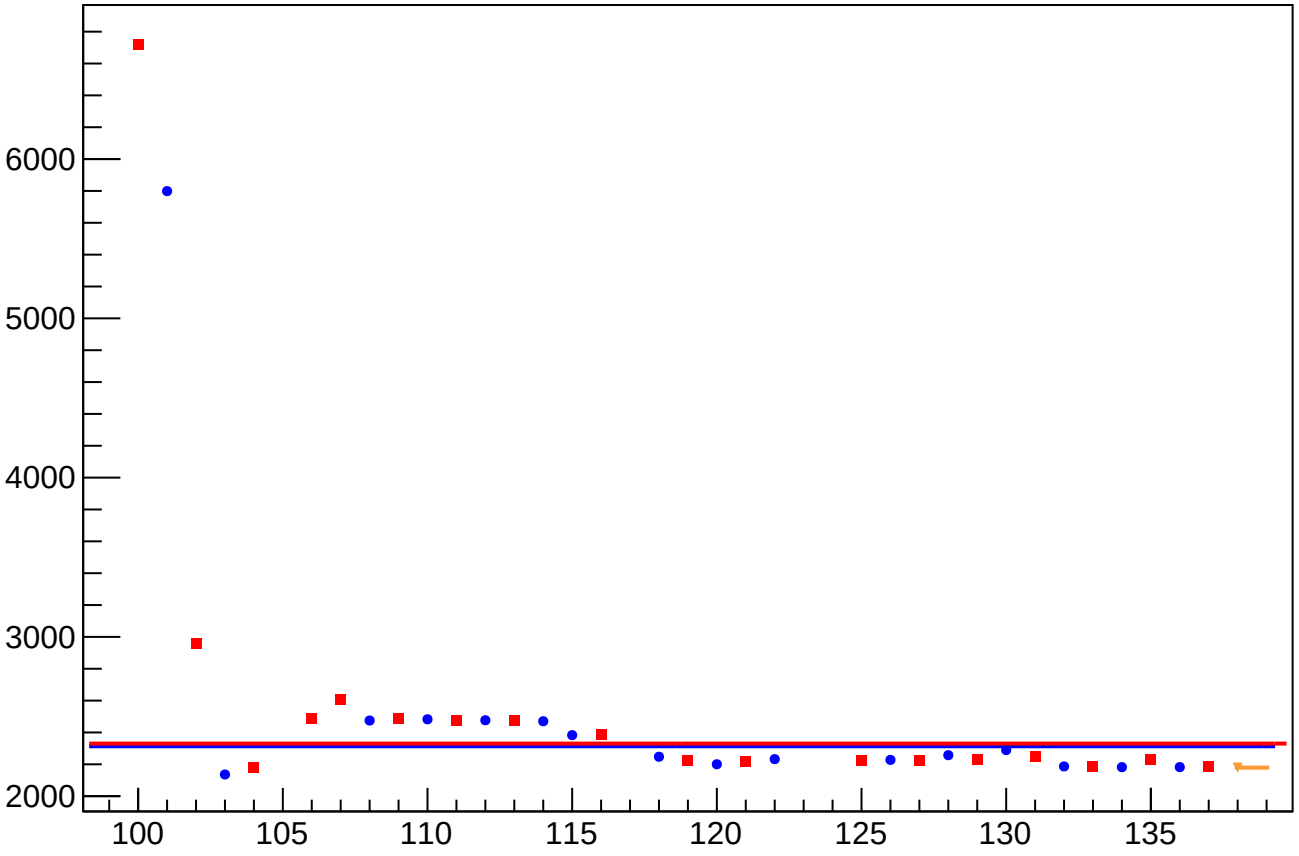
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4386.686+/-824.792 χ^2/NDF: 13.4/16

All: 436.548+/-598.984 χ^2/NDF: 78.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2313.413+/-0.619 χ^2/NDF: 512371.8/15

Left Out: 2179.263+/-1.744 χ^2/NDF:0.0/0

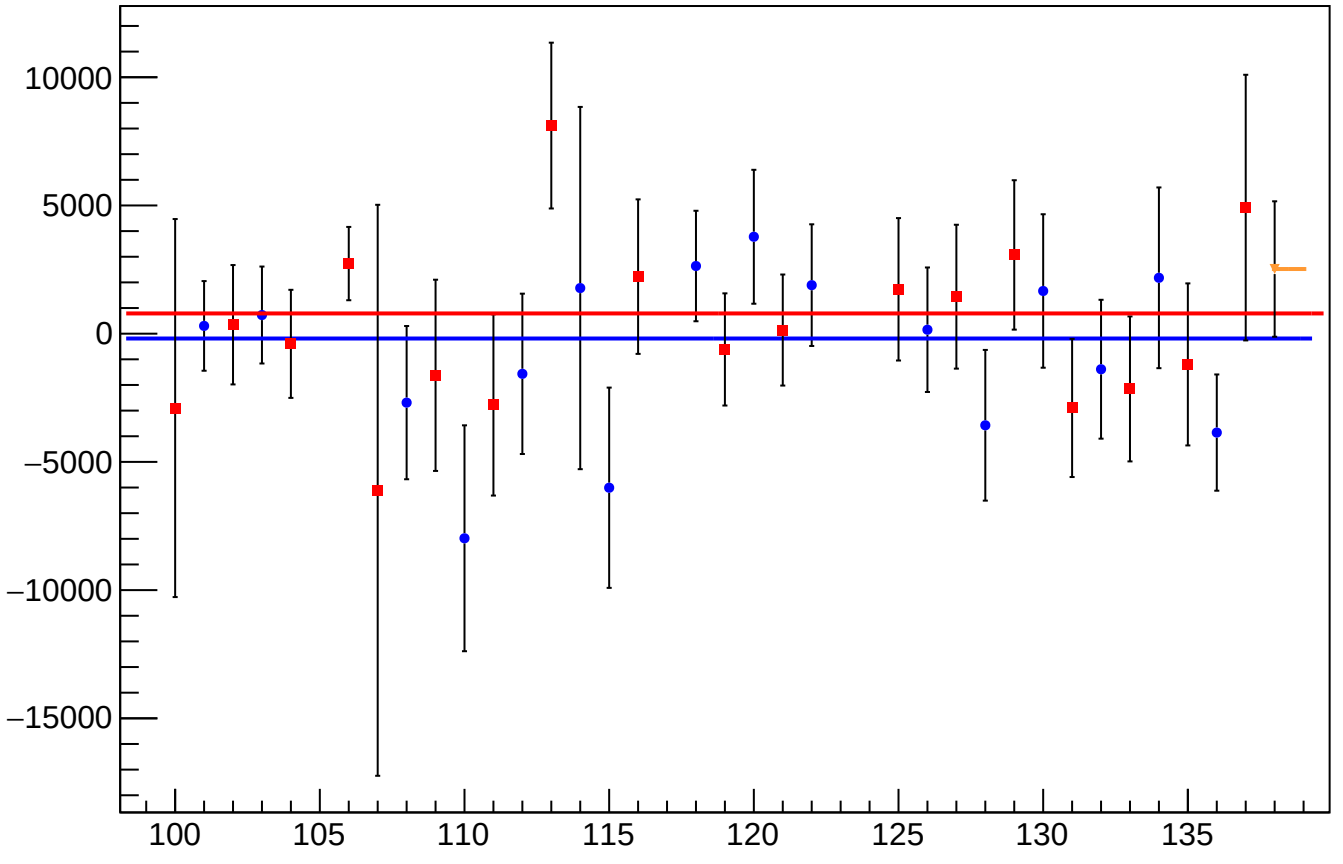
Right Out: 2330.200+/-0.616 χ^2/NDF: 151210.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2298.417+/-0.583 χ^2/NDF: 517625.0/16

All: 2313.438+/-0.424 χ^2/NDF: 670239.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -188.660+/-658.334 χ^2/NDF: 16.4/15

Left Out: 2521.449+/-2640.952 χ^2/NDF:0.0/0

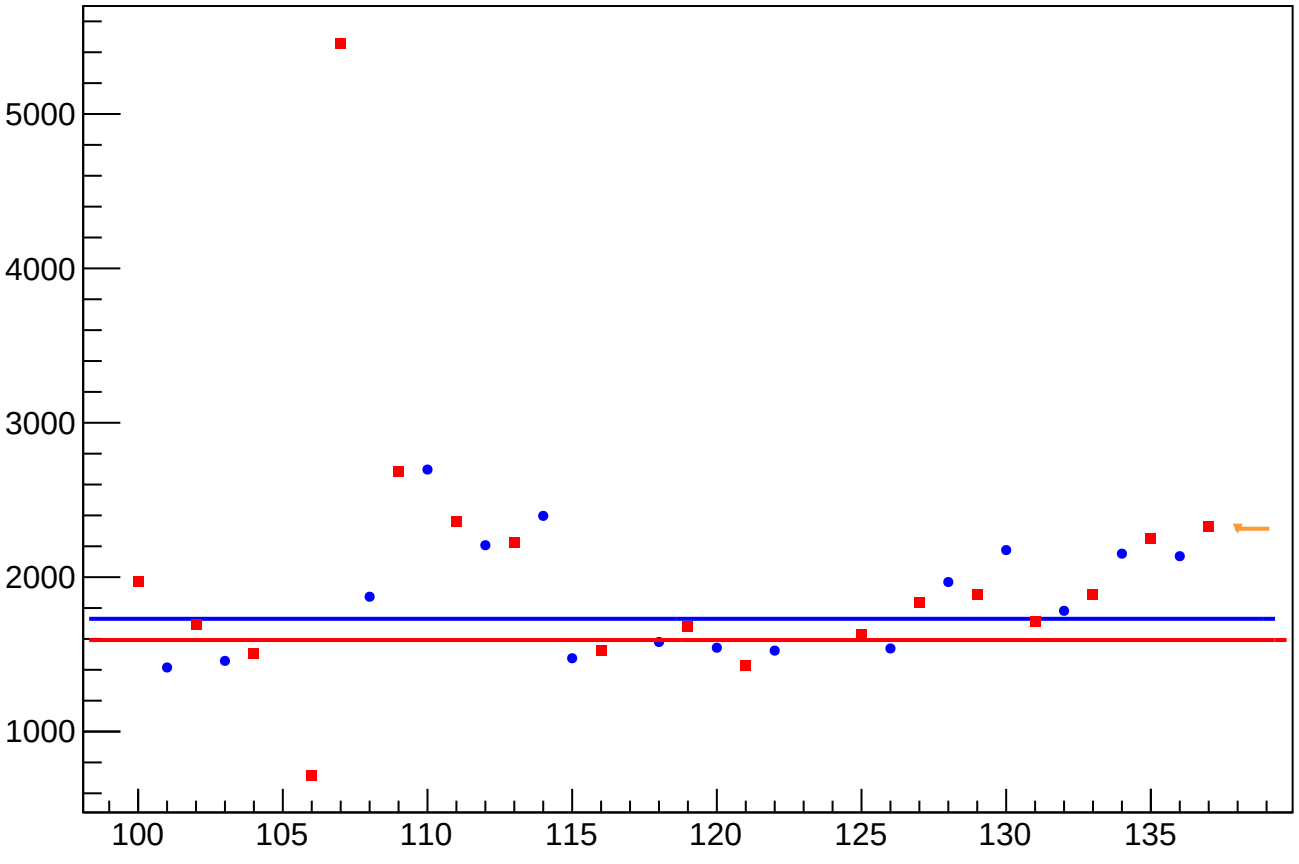
Right Out: 789.317+/-634.900 χ^2/NDF: 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -30.106+/-638.786 χ^2/NDF: 17.4/16

All: 382.106+/-450.310 χ^2/NDF: 33.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1730.288+/-0.466 χ^2/NDF: 478932.0/15

Left Out: 2313.836+/-1.867 χ^2/NDF:0.0/0

Right Out: 1592.824+/-0.449 χ^2/NDF: 1556204.8/17

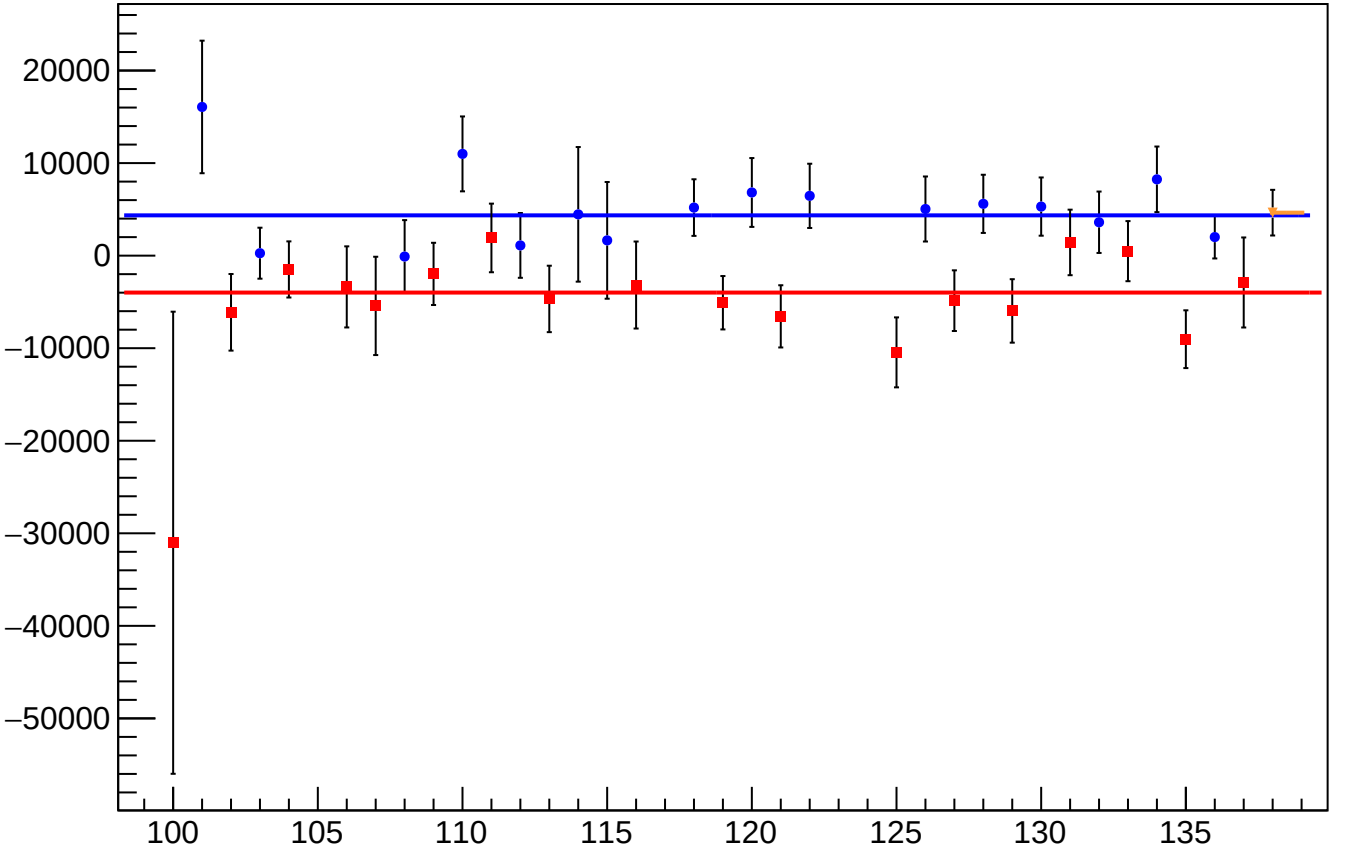
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1764.428+/-0.452 χ^2/NDF: 570867.0/16

All: 1678.102+/-0.318 χ^2/NDF: 2199679.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4353.670+/-875.155 χ^2/NDF: 13.4/15

Left Out: 4643.640+/-2466.912 χ^2/NDF:0.0/0

Right Out: -3989.884+/-871.455 χ^2/NDF: 16.1/17

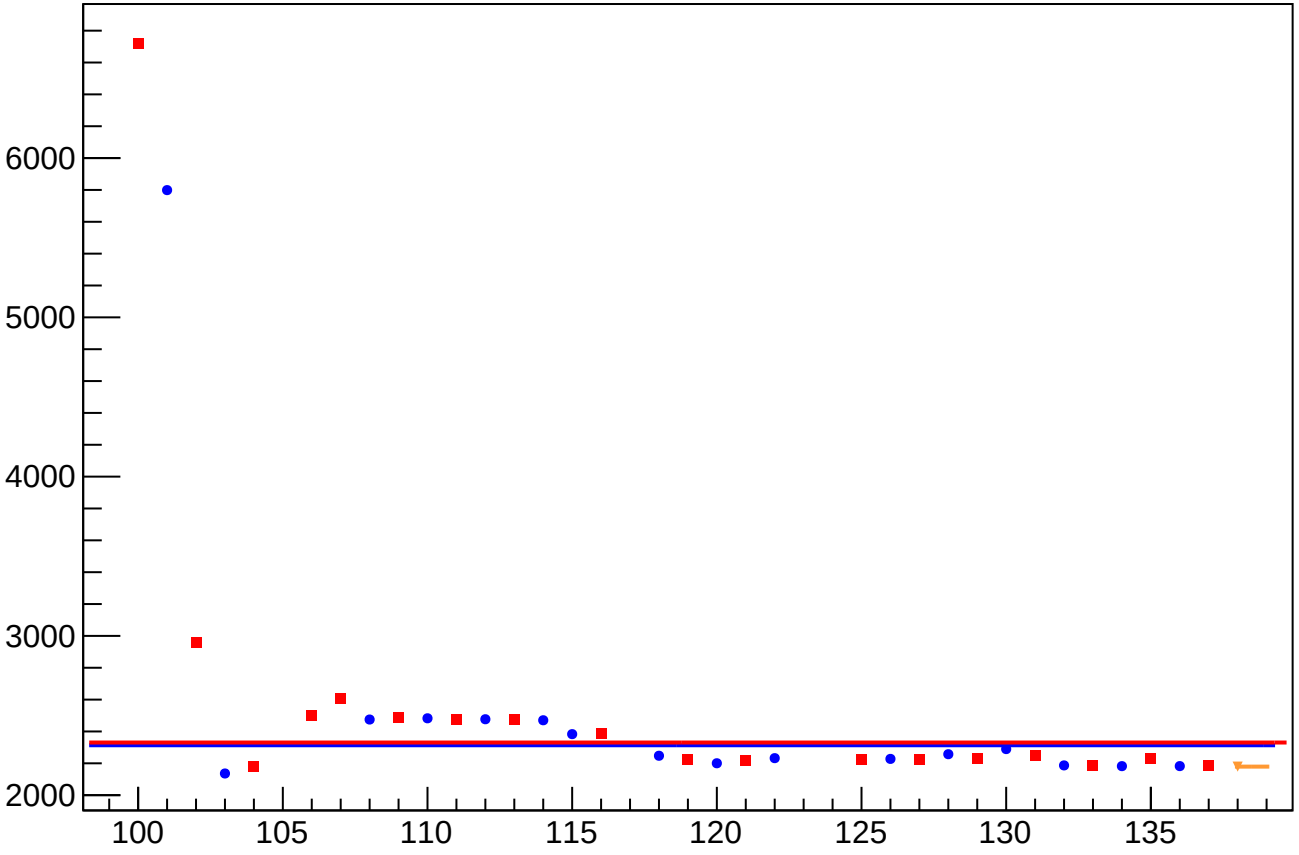
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4386.084+/-824.792 χ^2/NDF: 13.4/16

All: 428.347+/-599.033 χ^2/NDF: 78.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2313.413+/-0.619 χ^2/NDF: 512372.3/15

Left Out: 2179.263+/-1.744 χ^2/NDF:0.0/0

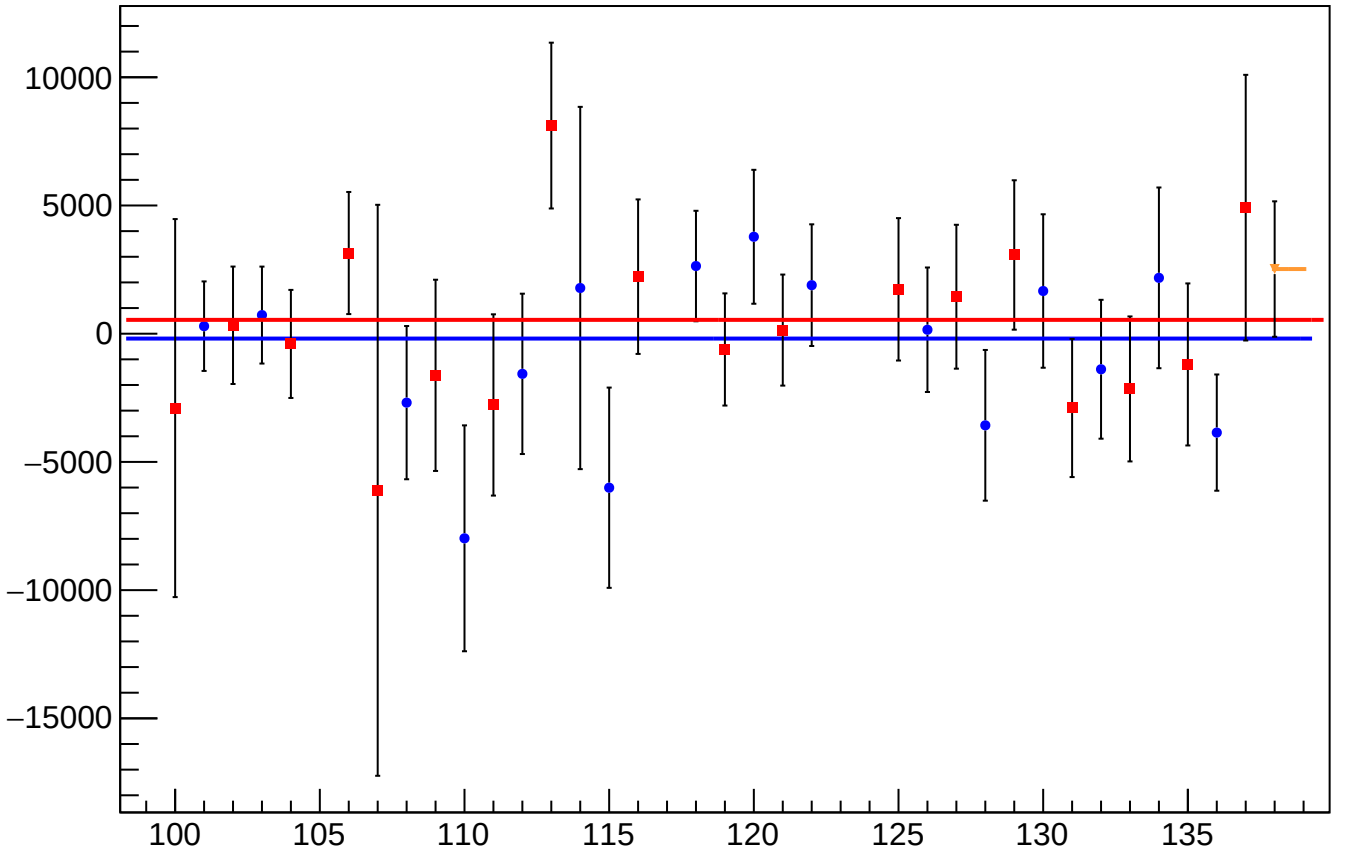
Right Out: 2330.570+/-0.616 χ^2/NDF: 151556.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 2298.417+/-0.583 χ^2/NDF: 517625.5/16

All: 2313.610+/-0.424 χ^2/NDF: 670618.1/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -189.762+/-658.205 χ^2/NDF: 16.4/15

Left Out: 2521.500+/-2640.956 χ^2/NDF:0.0/0

Right Out: 539.517+/-678.214 χ^2/NDF: 13.9/17

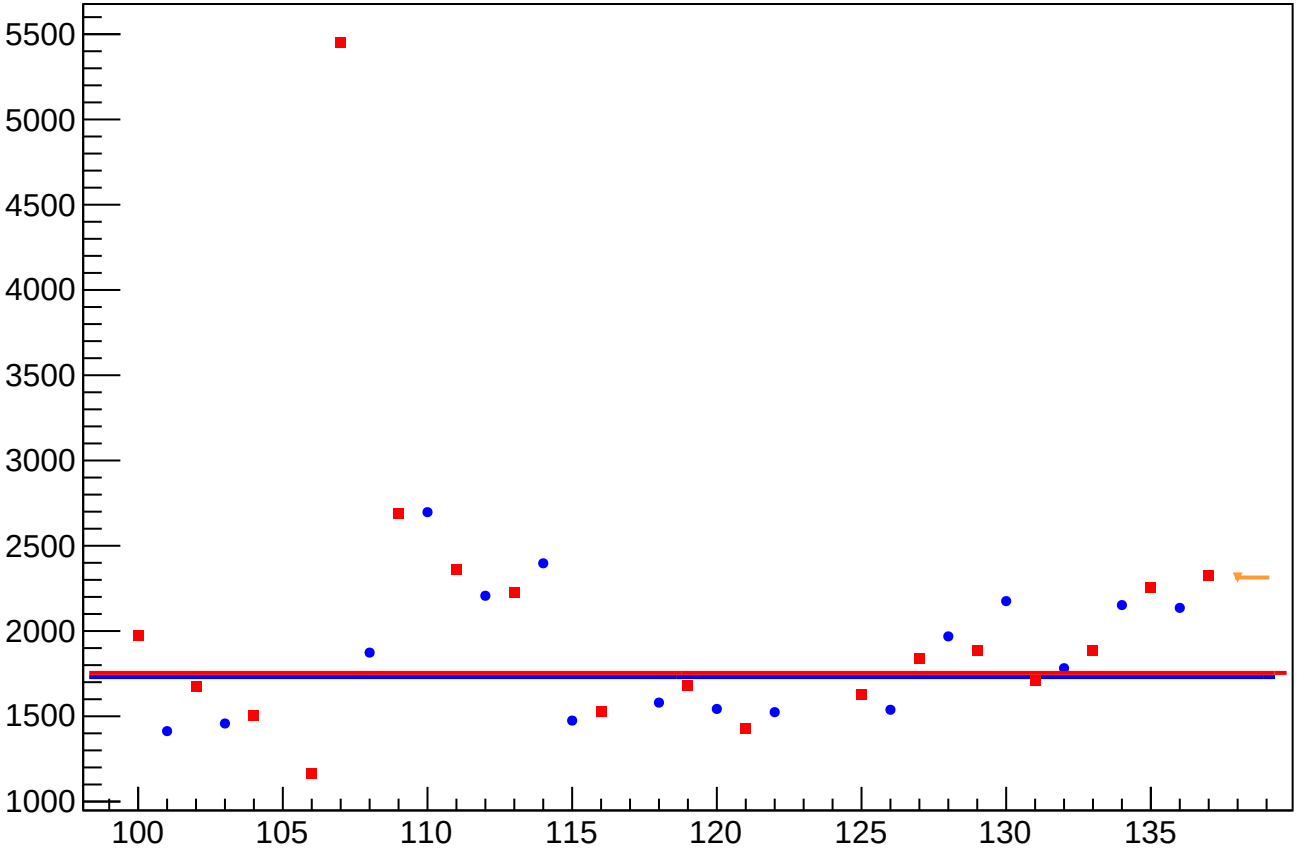
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -31.200+/-638.668 χ^2/NDF: 17.4/16

All: 237.035+/-464.959 χ^2/NDF: 31.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1729.898+/-0.465 χ^2/NDF: 479898.2/15

Left Out: 2313.839+/-1.867 χ^2/NDF:0.0/0

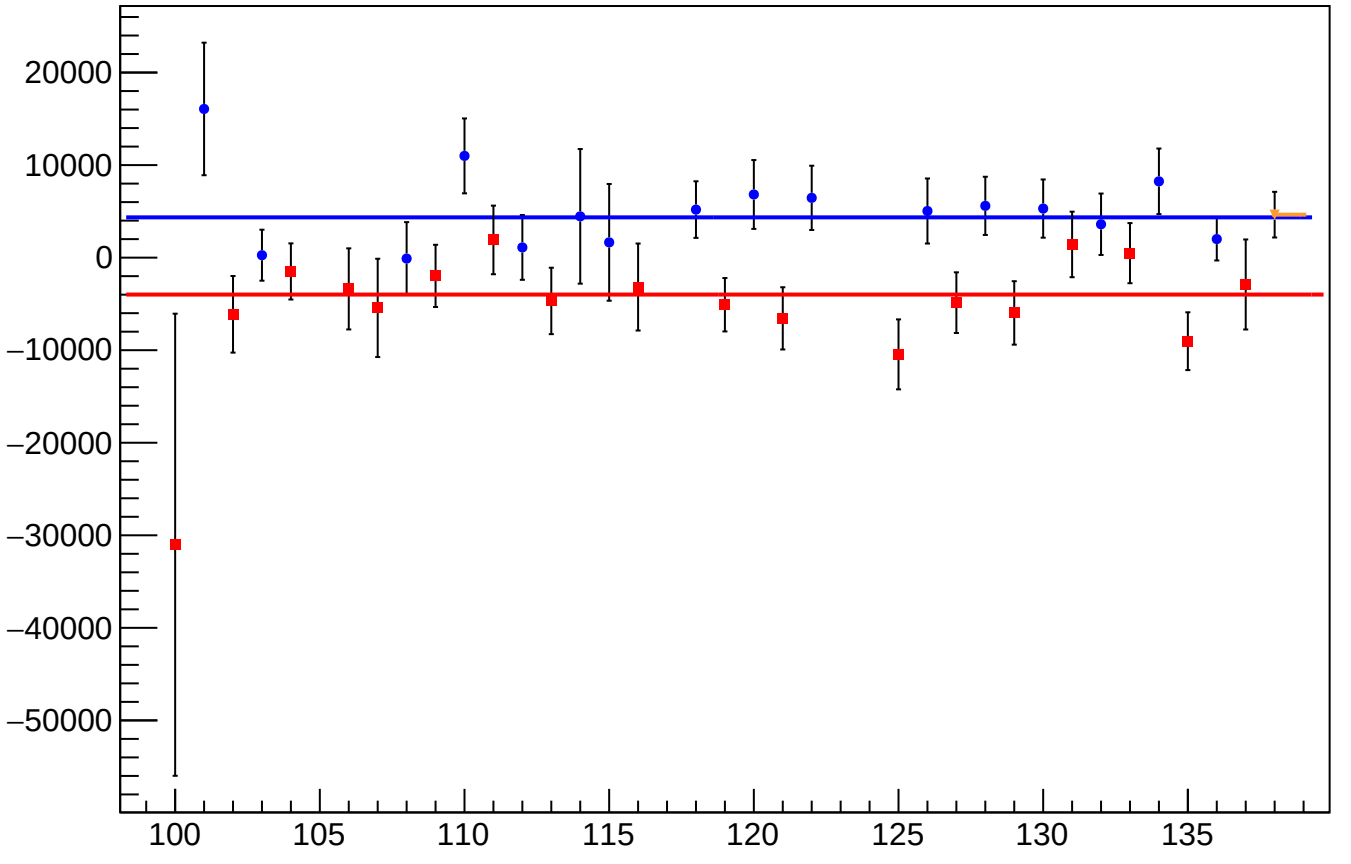
Right Out: 1754.526+/-0.480 χ^2/NDF: 751010.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1764.049+/-0.452 χ^2/NDF: 571958.7/16

All: 1759.573+/-0.329 χ^2/NDF: 1323177.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4353.670+/-875.155 χ^2/NDF: 13.4/15

Left Out: 4643.640+/-2466.912 χ^2/NDF:0.0/0

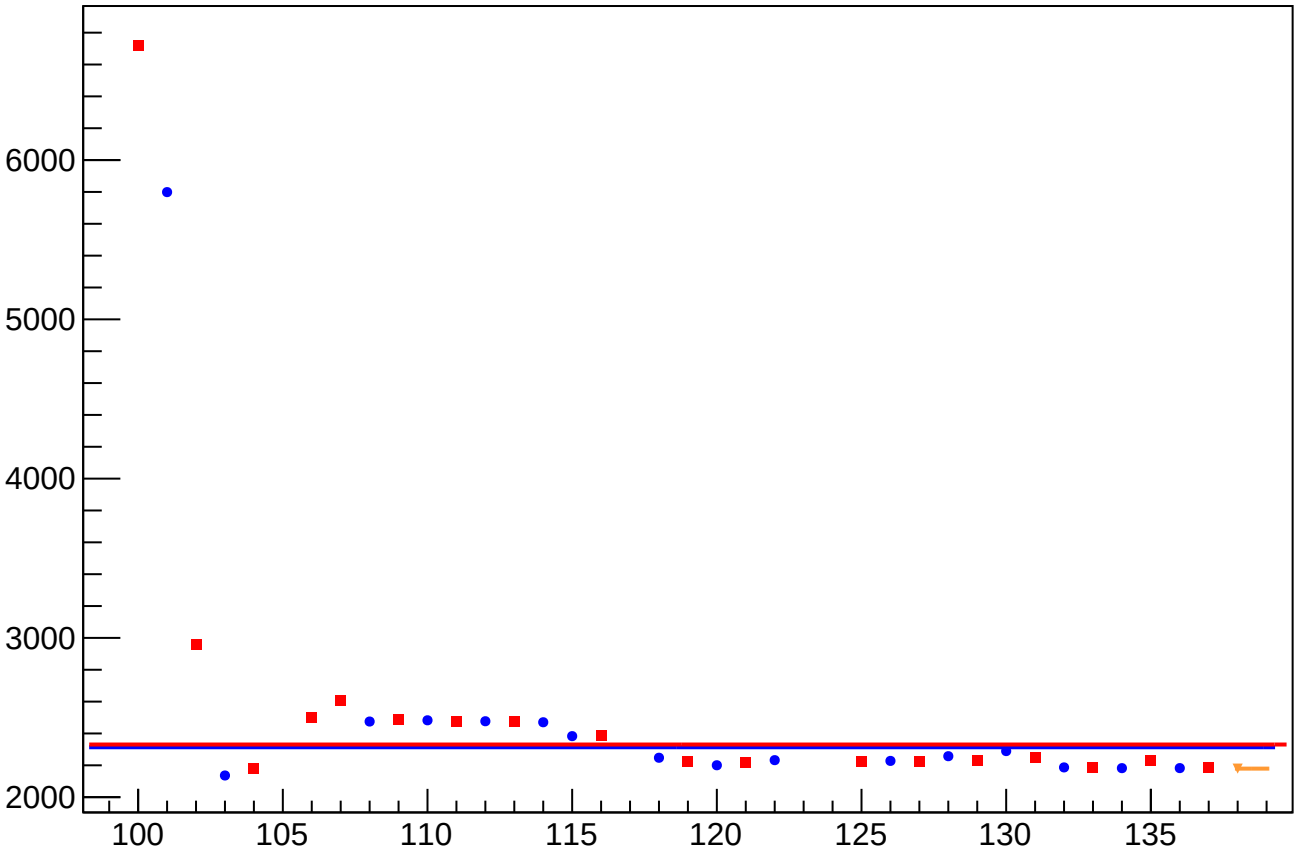
Right Out: -3989.884+/-871.455 χ^2/NDF: 16.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4386.084+/-824.792 χ^2/NDF: 13.4/16

All: 428.347+/-599.033 χ^2/NDF: 78.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2313.413+/-0.619 χ^2/NDF: 512372.3/15

Left Out: 2179.263+/-1.744 χ^2/NDF:0.0/0

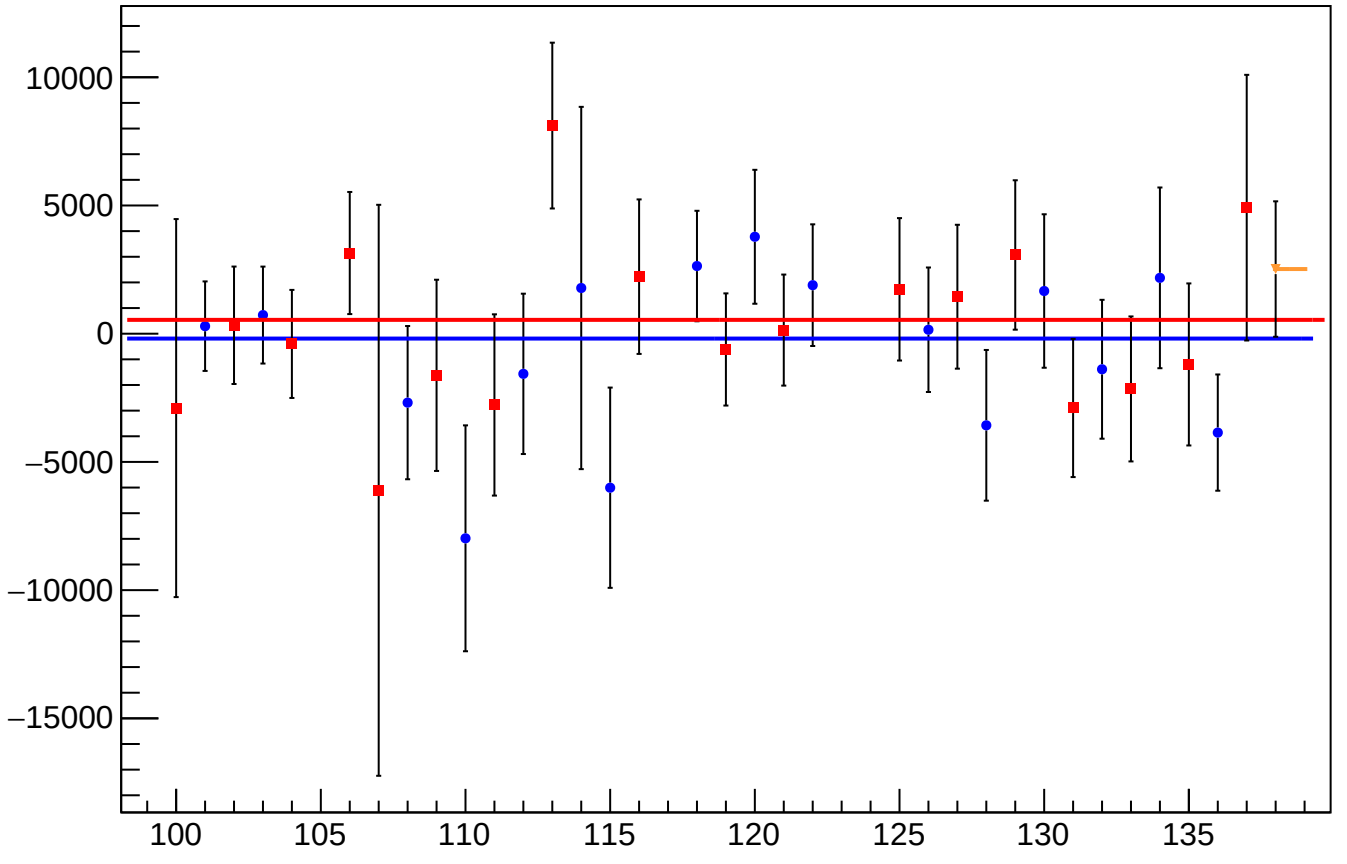
Right Out: 2330.570+/-0.616 χ^2/NDF: 151556.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2298.417+/-0.583 χ^2/NDF: 517625.5/16

All: 2313.610+/-0.424 χ^2/NDF: 670618.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -189.762+/-658.205 χ^2/NDF: 16.4/15

Left Out: 2521.500+/-2640.956 χ^2/NDF:0.0/0

Right Out: 539.517+/-678.214 χ^2/NDF: 13.9/17

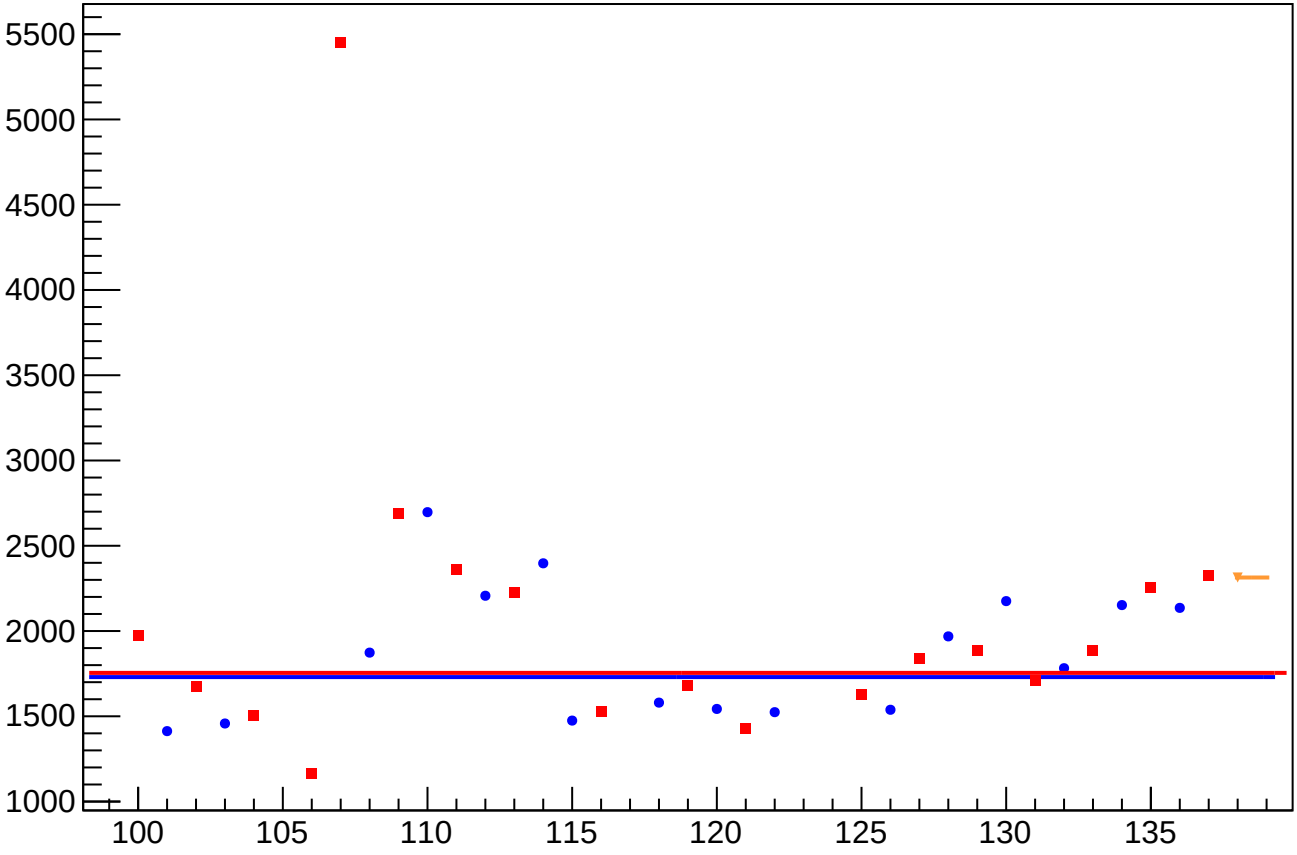
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -31.200+/-638.668 χ^2/NDF: 17.4/16

All: 237.035+/-464.959 χ^2/NDF: 31.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 1729.898+/-0.465 χ^2/NDF: 479898.2/15

Left Out: 2313.839+/-1.867 χ^2/NDF:0.0/0

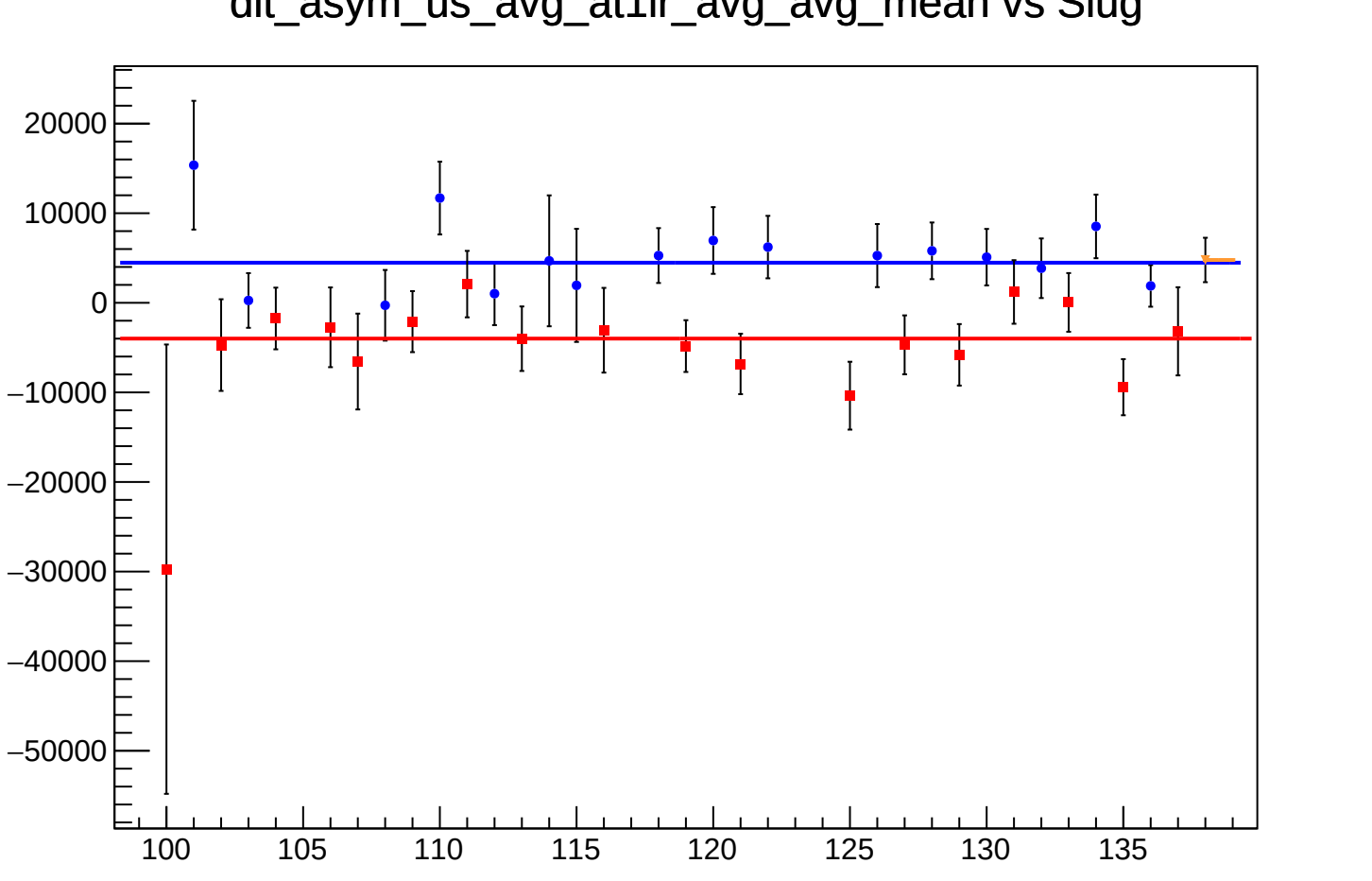
Right Out: 1754.526+/-0.480 χ^2/NDF: 751010.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1764.049+/-0.452 χ^2/NDF: 571958.7/16

All: 1759.573+/-0.329 χ^2/NDF: 1323177.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4476.431+/-886.087 χ^2/NDF: 13.5/15

Left Out: 4780.153+/-2479.227 χ^2/NDF:0.0/0

Right Out: -3995.807+/-890.441 χ^2/NDF: 15.5/17

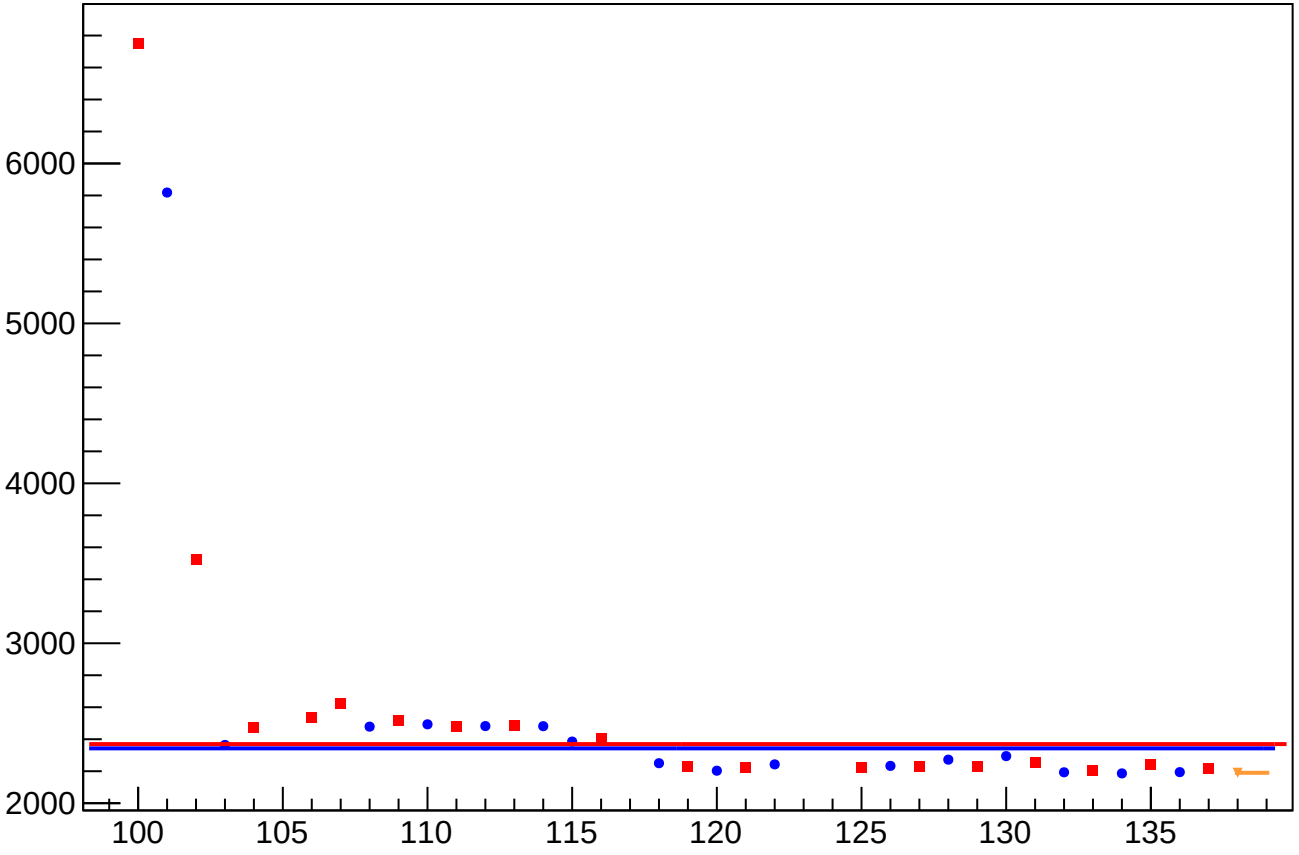
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4510.833+/-834.396 χ^2/NDF: 13.6/16

All: 533.628+/-608.857 χ^2/NDF: 77.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2342.914+/-0.627 χ^2/NDF: 502866.3/15

Left Out: 2190.113+/-1.753 χ^2/NDF:0.0/0

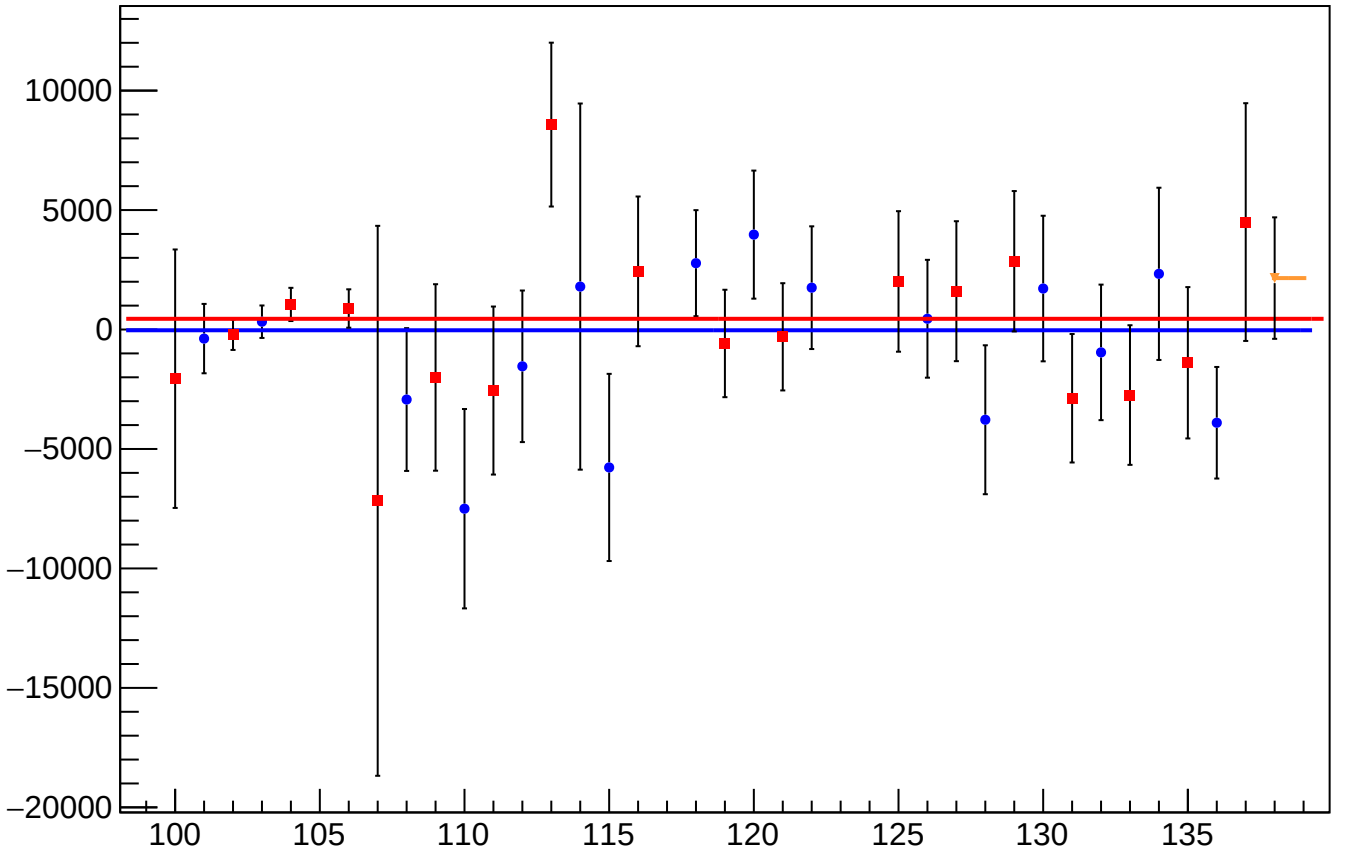
Right Out: 2369.572+/-0.630 χ^2/NDF: 210147.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2325.606+/-0.590 χ^2/NDF: 509602.9/16

All: 2346.162+/-0.431 χ^2/NDF: 722346.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -31.393+/-485.329 χ^2/NDF: 16.3/15

Left Out: 2152.517+/-2542.146 χ^2/NDF:0.0/0

Right Out: 448.261+/-362.570 χ^2/NDF: 15.1/17

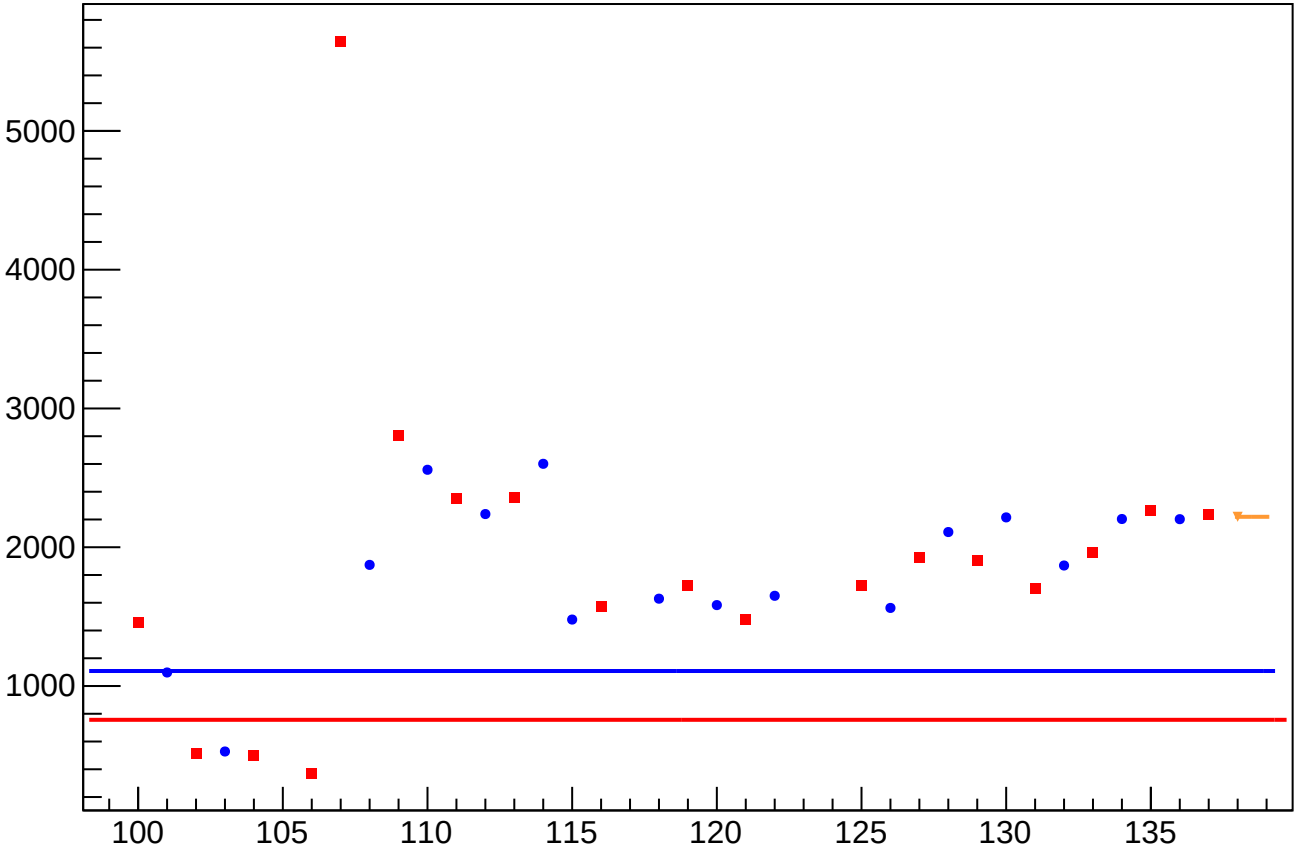
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.406+/-476.719 χ^2/NDF: 17.0/16

All: 300.629+/-288.588 χ^2/NDF: 32.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 1108.139+/-0.343 χ^2/NDF: 3746477.0/15

Left Out: 2219.346+/-1.798 χ^2/NDF:0.0/0

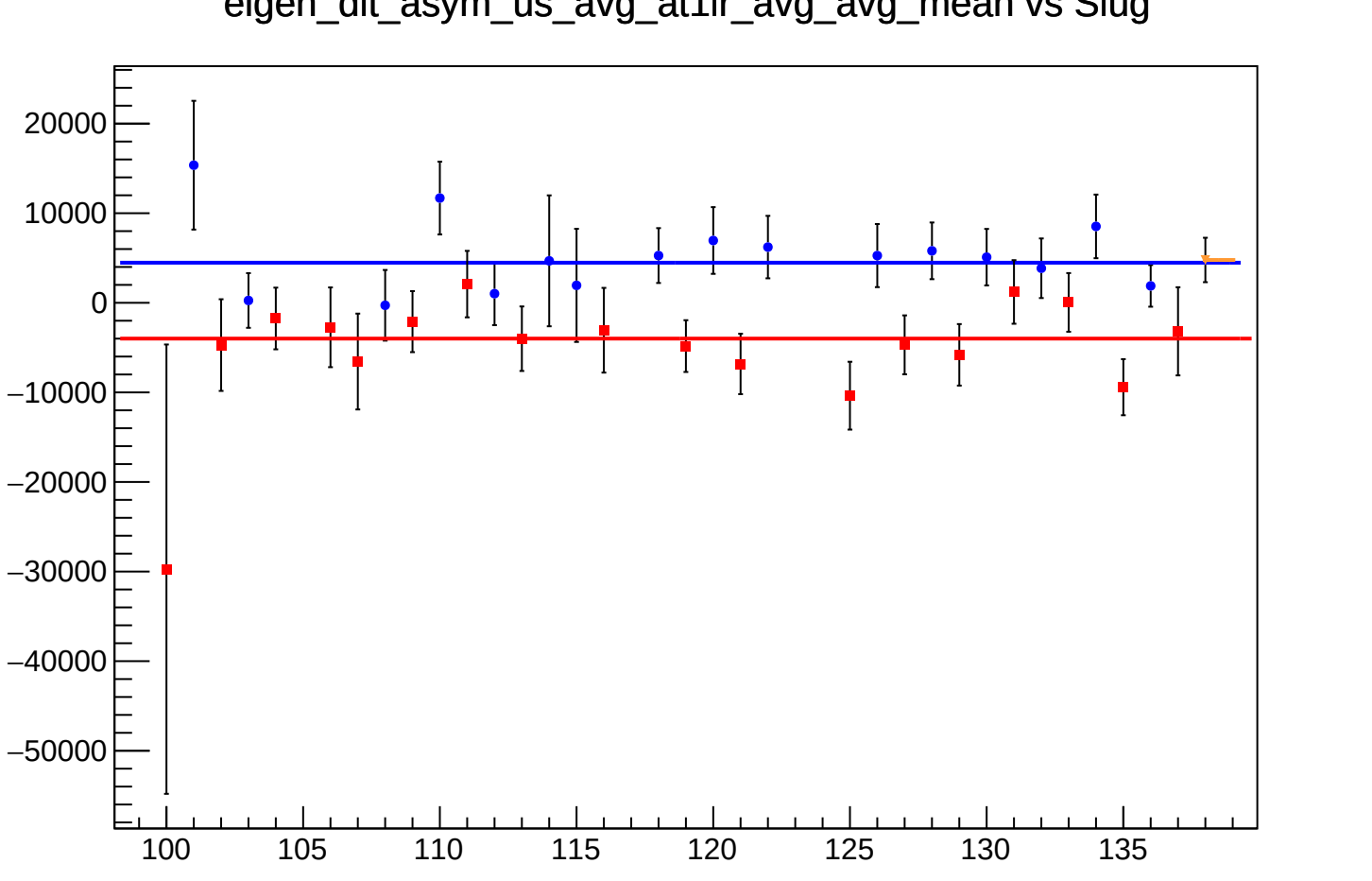
Right Out: 756.419+/-0.256 χ^2/NDF: 5603215.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1147.216+/-0.337 χ^2/NDF: 4115175.5/16

All: 899.632+/-0.204 χ^2/NDF: 10569881.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4476.427+/-886.086 χ^2/NDF: 13.5/15

Left Out: 4780.160+/-2479.227 χ^2/NDF:0.0/0

Right Out: -3995.803+/-890.441 χ^2/NDF: 15.5/17

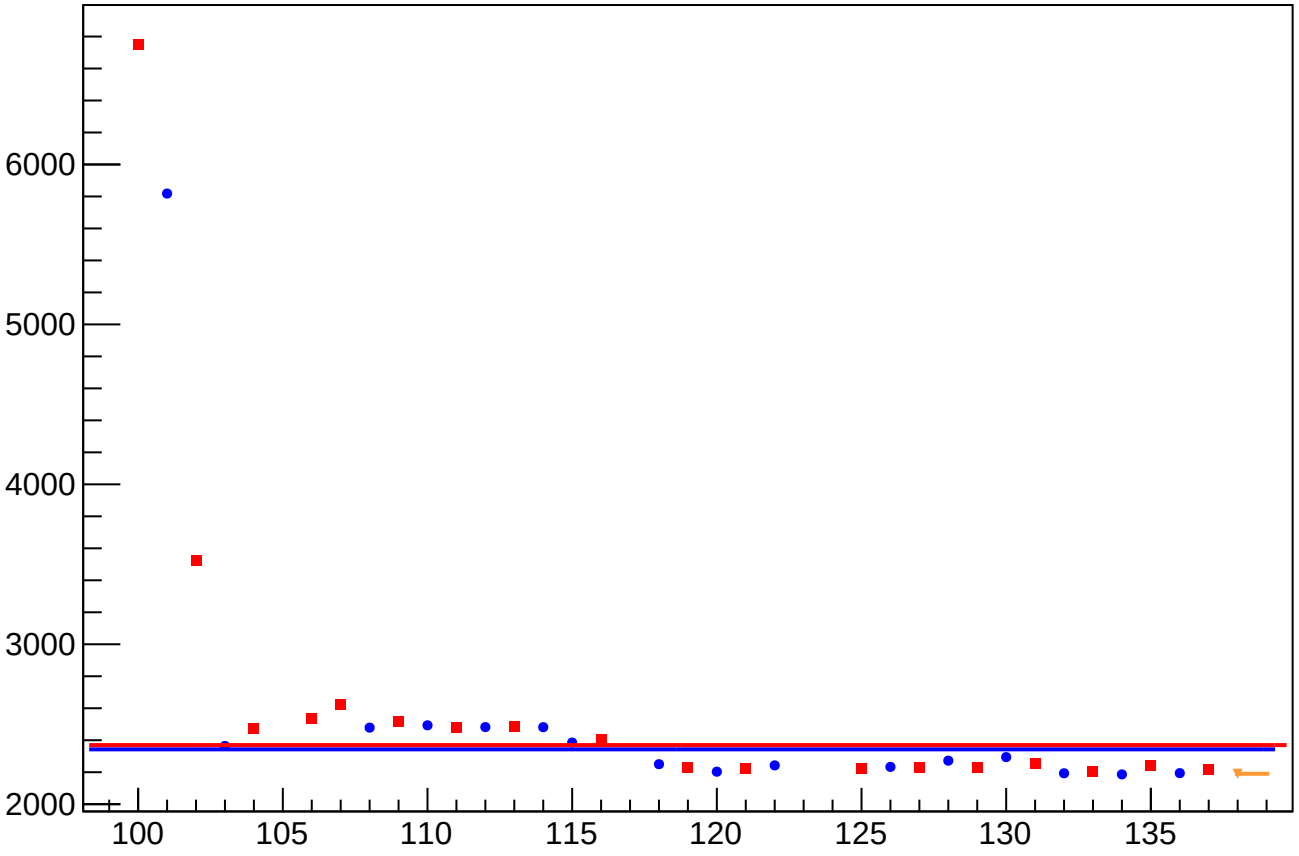
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4510.830+/-834.396 χ^2/NDF: 13.6/16

All: 533.628+/-608.857 χ^2/NDF: 77.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2342.913+/-0.627 χ^2/NDF: 502866.3/15

Left Out: 2190.113+/-1.753 χ^2/NDF:0.0/0

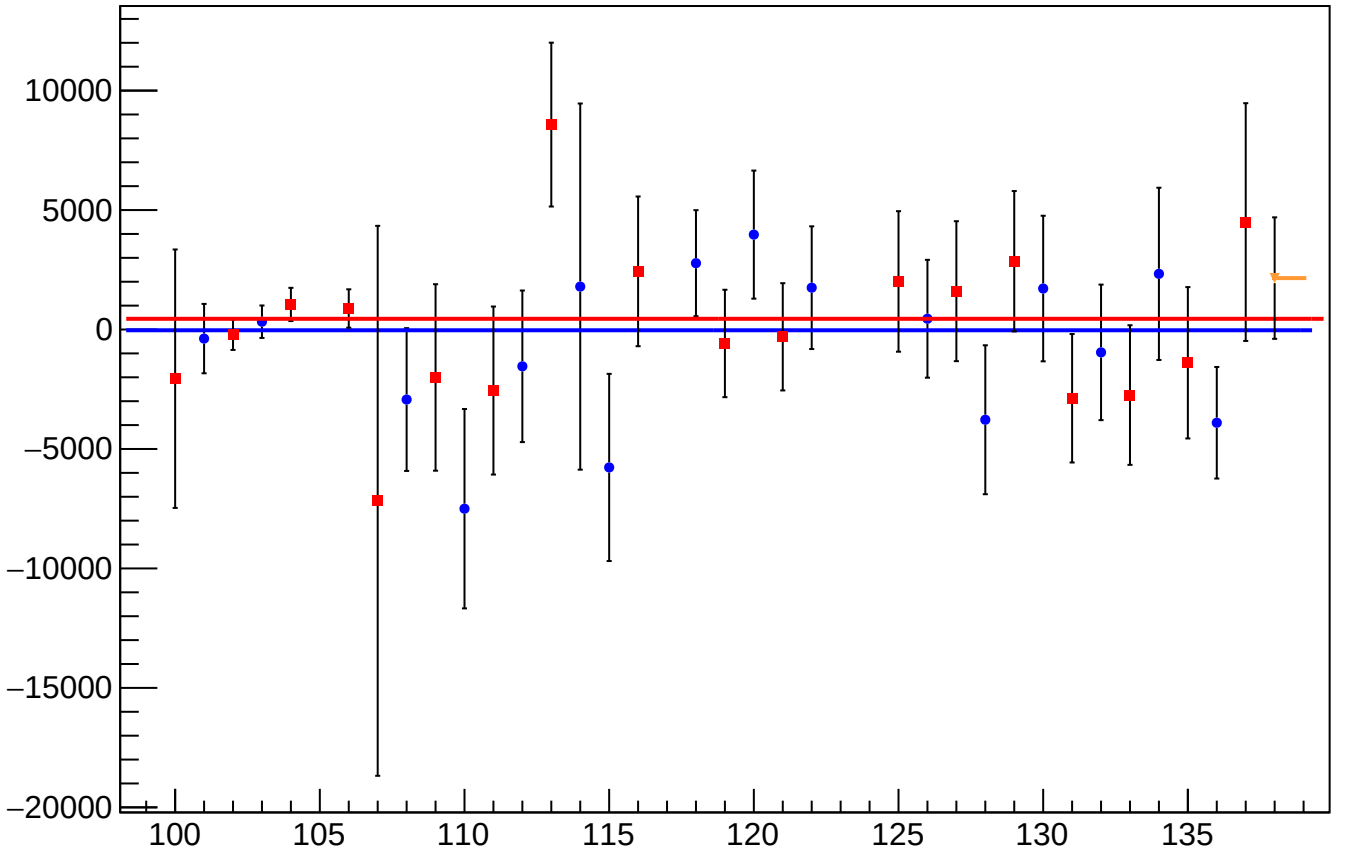
Right Out: 2369.572+/-0.630 χ^2/NDF: 210146.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2325.606+/-0.590 χ^2/NDF: 509602.9/16

All: 2346.162+/-0.431 χ^2/NDF: 722345.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -31.400+/-485.331 χ^2/NDF: 16.3/15

Left Out: 2152.523+/-2542.150 χ^2/NDF:0.0/0

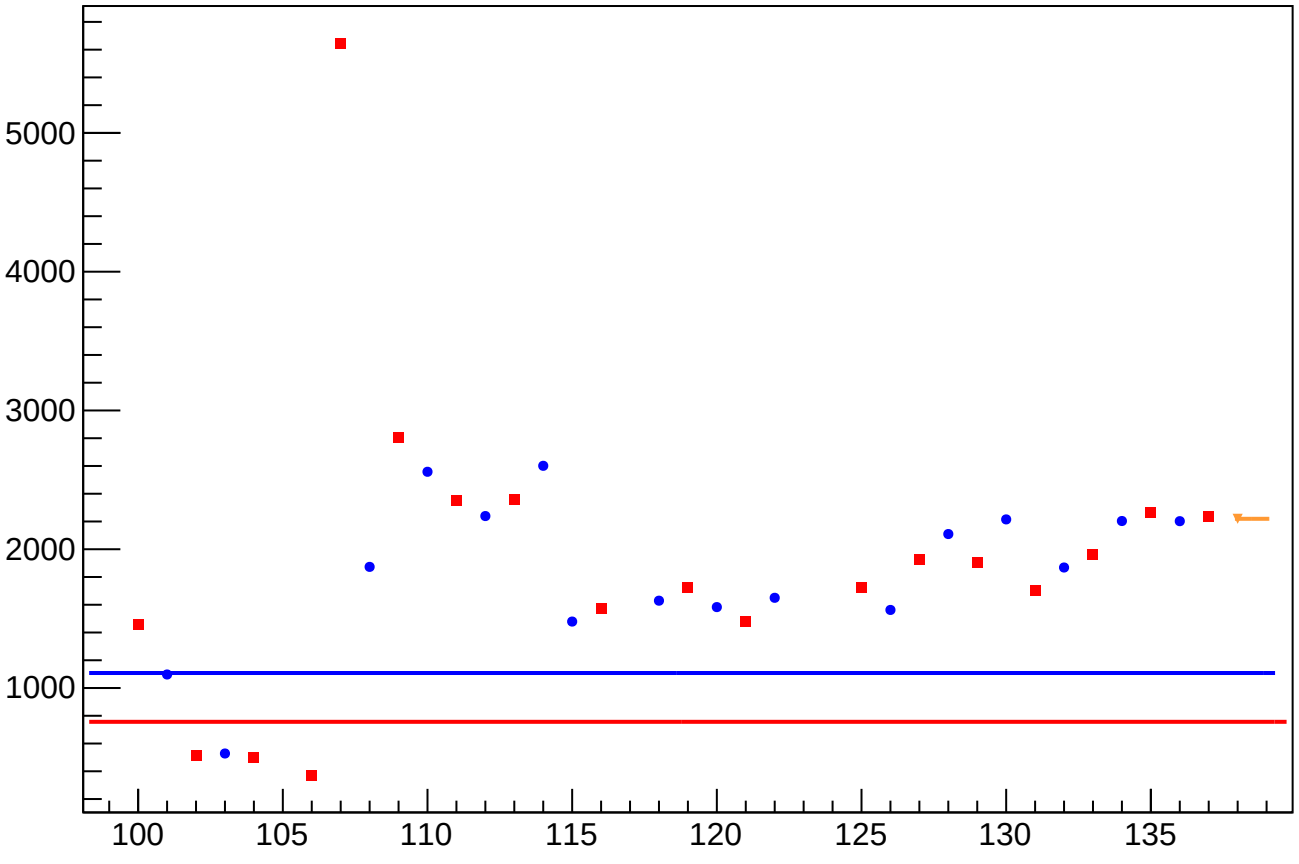
Right Out: 448.265+/-362.575 χ^2/NDF: 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.401+/-476.721 χ^2/NDF: 17.0/16

All: 300.628+/-288.591 χ^2/NDF: 32.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1108.149+/-0.343 χ^2/NDF: 3746402.0/15

Left Out: 2219.350+/-1.798 χ^2/NDF:0.0/0

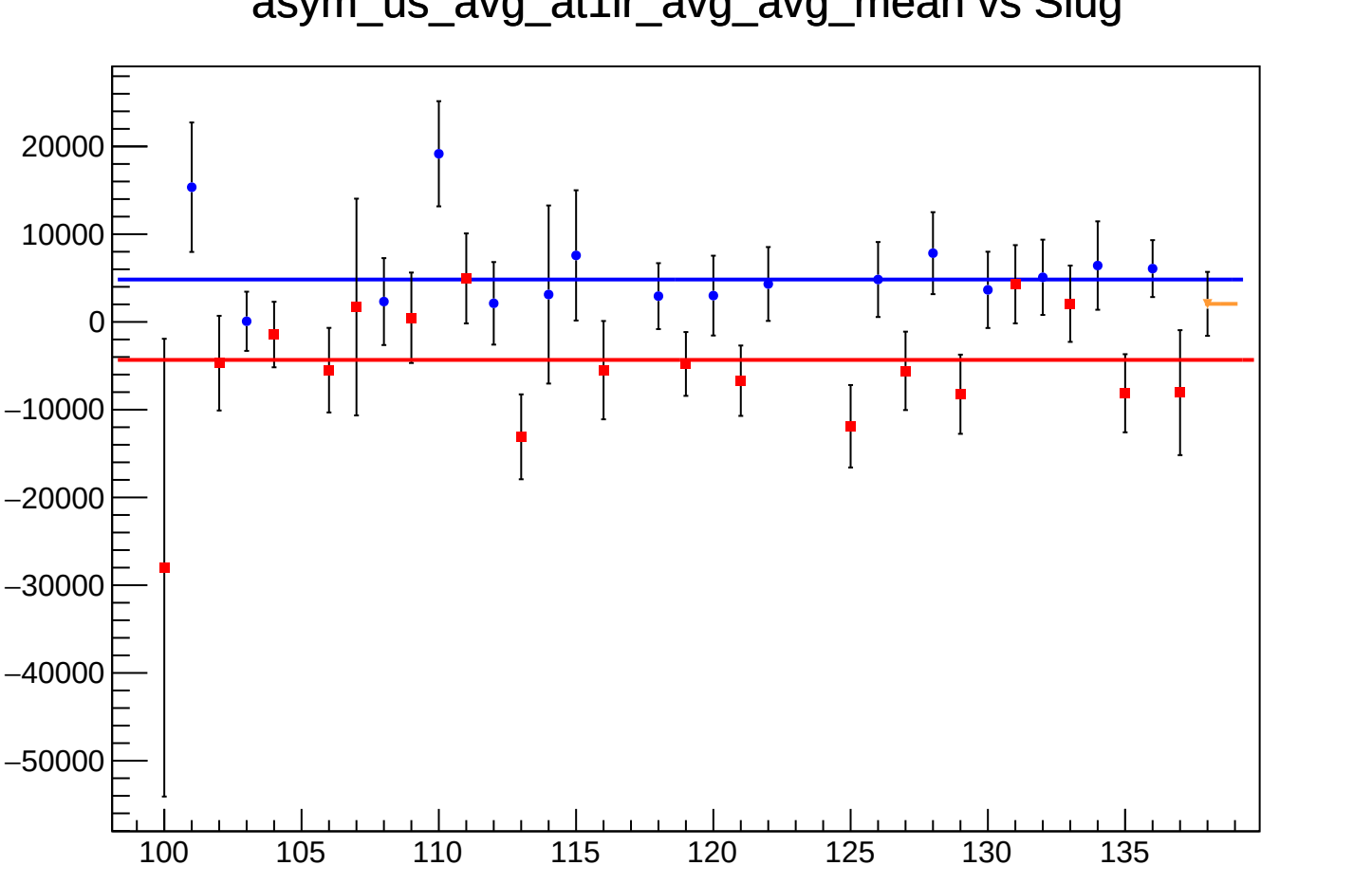
Right Out: 756.434+/-0.256 χ^2/NDF: 5603097.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1147.226+/-0.337 χ^2/NDF: 4115095.0/16

All: 899.647+/-0.204 χ^2/NDF: 10569646.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4833.806+/-1142.535 χ^2/NDF: 11.7/15

Left Out: 2057.910+/-3643.791 χ^2/NDF:0.0/0

Right Out: -4328.601+/-1144.541 χ^2/NDF: 19.9/17

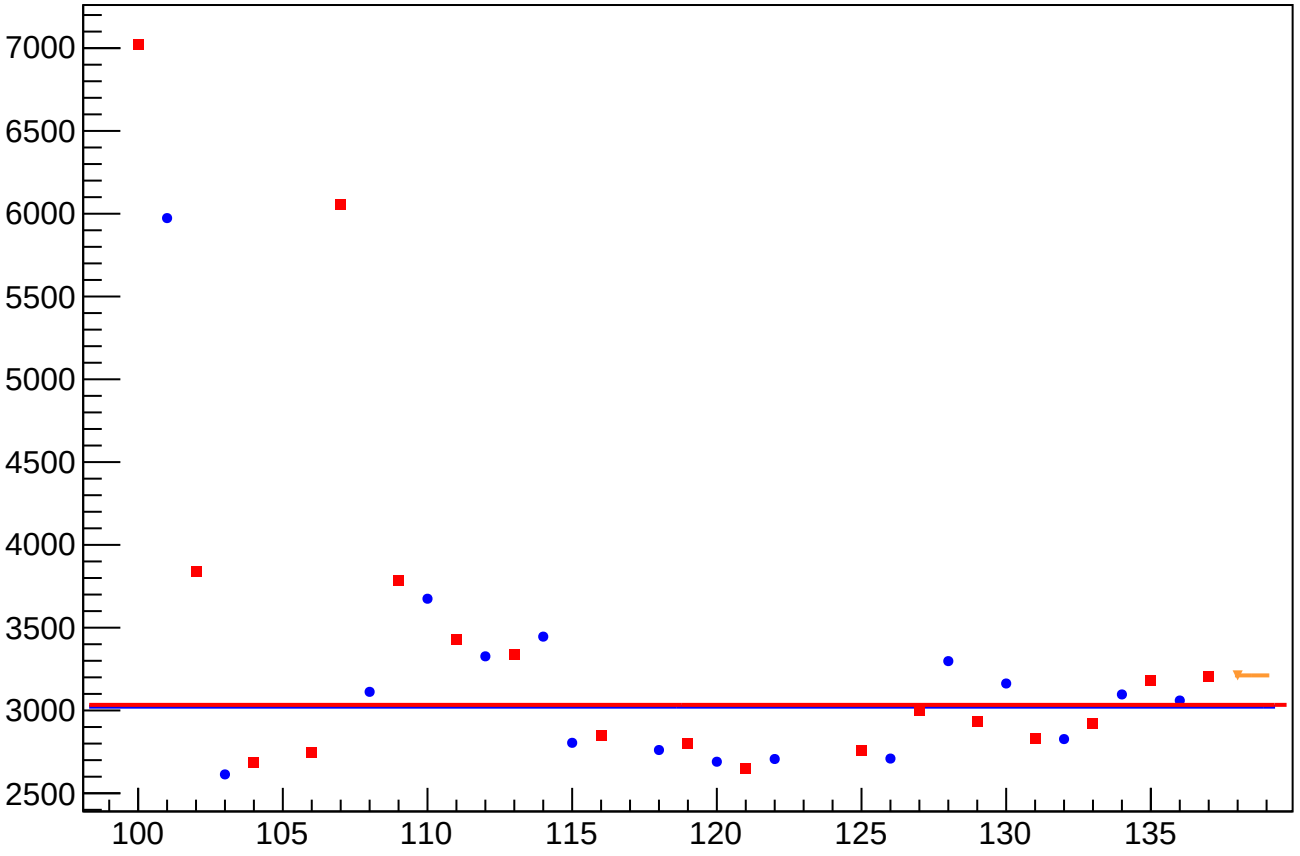
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4585.317+/-1090.198 χ^2/NDF: 12.2/16

All: 344.995+/-789.399 χ^2/NDF: 63.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3023.068+/-0.808 χ^2/NDF: 443705.8/15

Left Out: 3211.751+/-2.577 χ^2/NDF:0.0/0

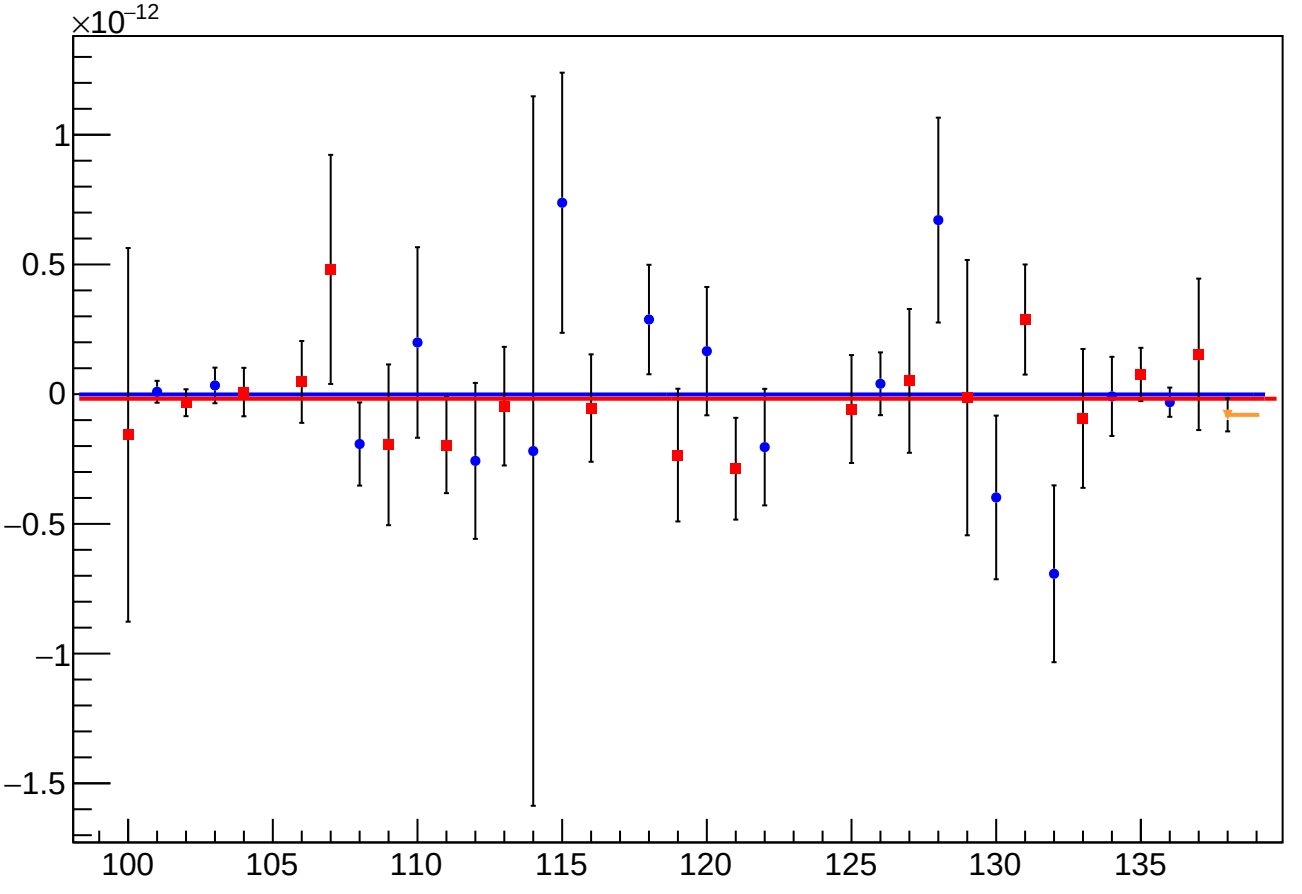
Right Out: 3033.869+/-0.809 χ^2/NDF: 342674.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3039.959+/-0.771 χ^2/NDF: 448588.5/16

All: 3037.062+/-0.558 χ^2/NDF: 791292.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

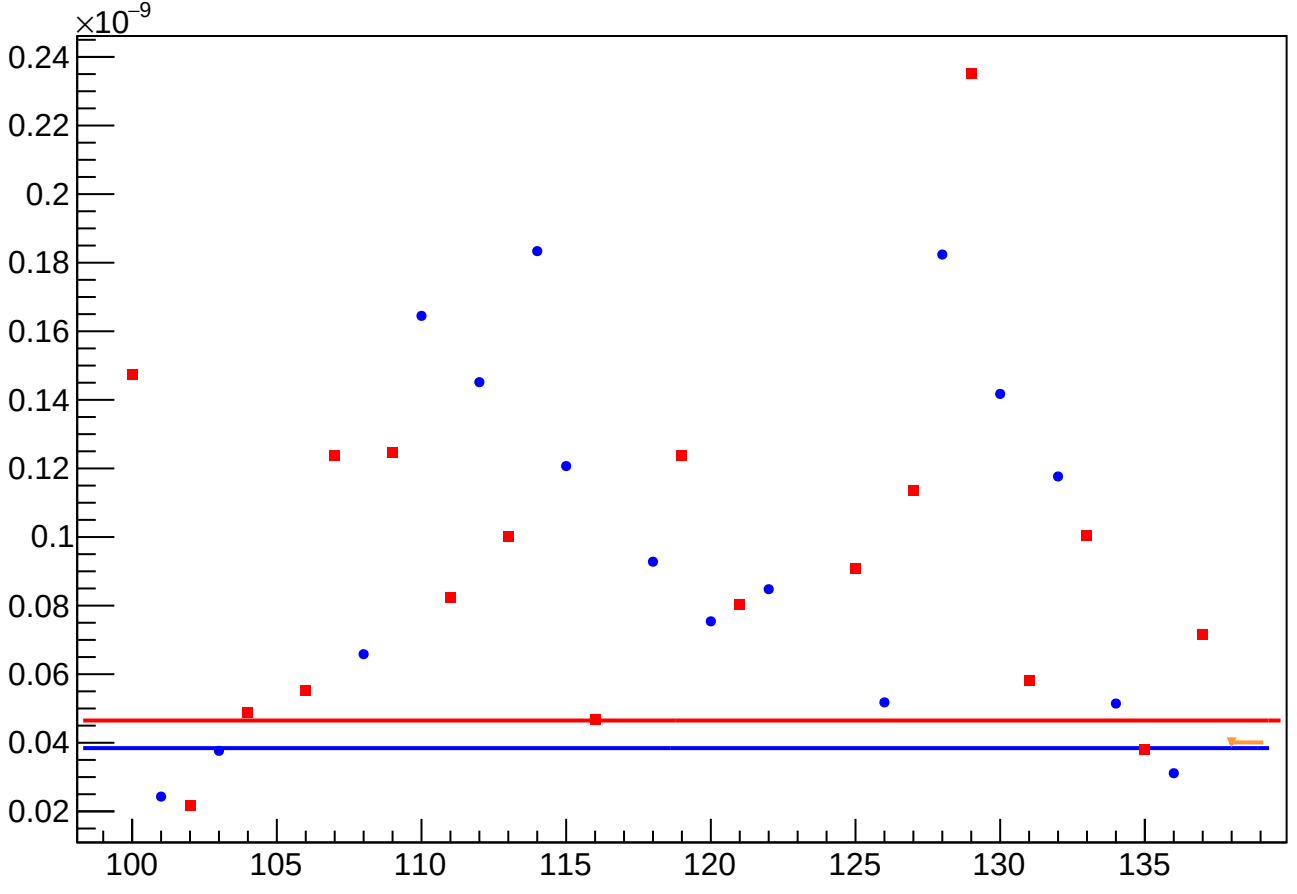
Right Out: -0.000+/-0.000 χ^2/NDF: 9.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.4/16

All: -0.000+/-0.000 χ^2/NDF: 27.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1771405.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

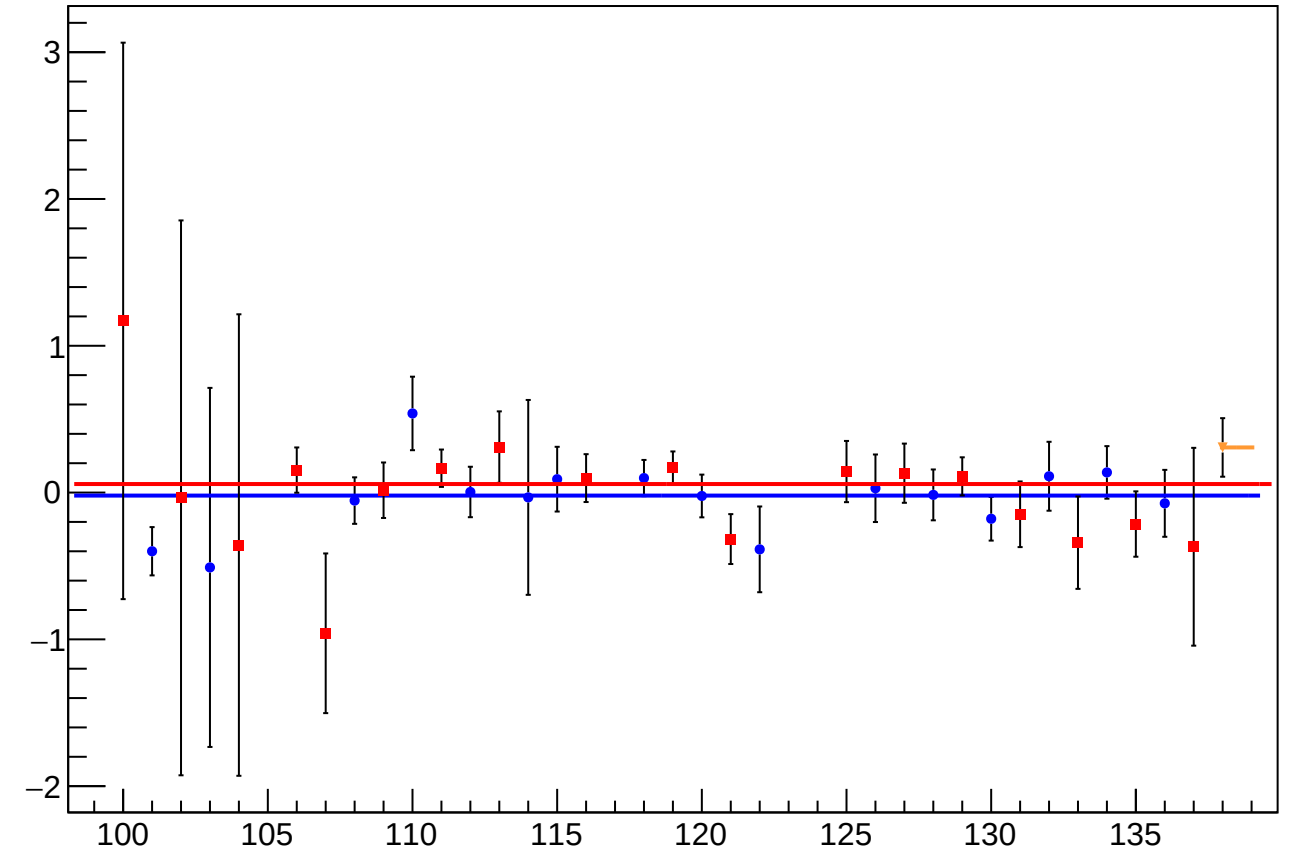
Right Out: 0.000+/-0.000 χ^2/NDF: 1697135.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1772564.0/16

All: 0.000+/-0.000 χ^2/NDF: 3536489.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.048 χ^2/NDF: 15.6/15

Left Out: 0.307+/-0.199 χ^2/NDF:0.0/0

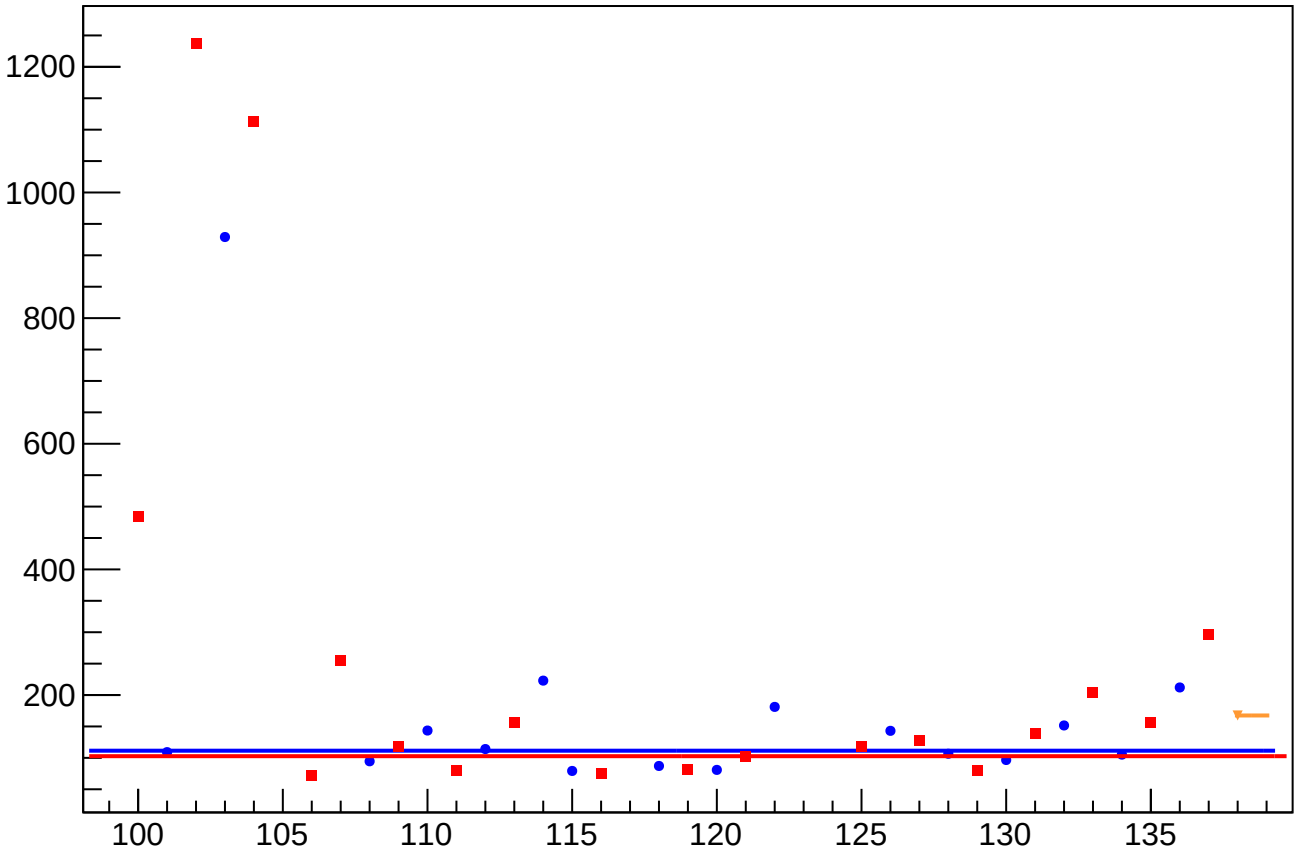
Right Out: 0.058+/-0.046 χ^2/NDF: 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.046 χ^2/NDF: 18.2/16

All: 0.028+/-0.033 χ^2/NDF: 35.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 111.407+/-0.034 χ^2/NDF: 1839361.2/15

Left Out: 167.482+/-0.141 χ^2/NDF:0.0/0

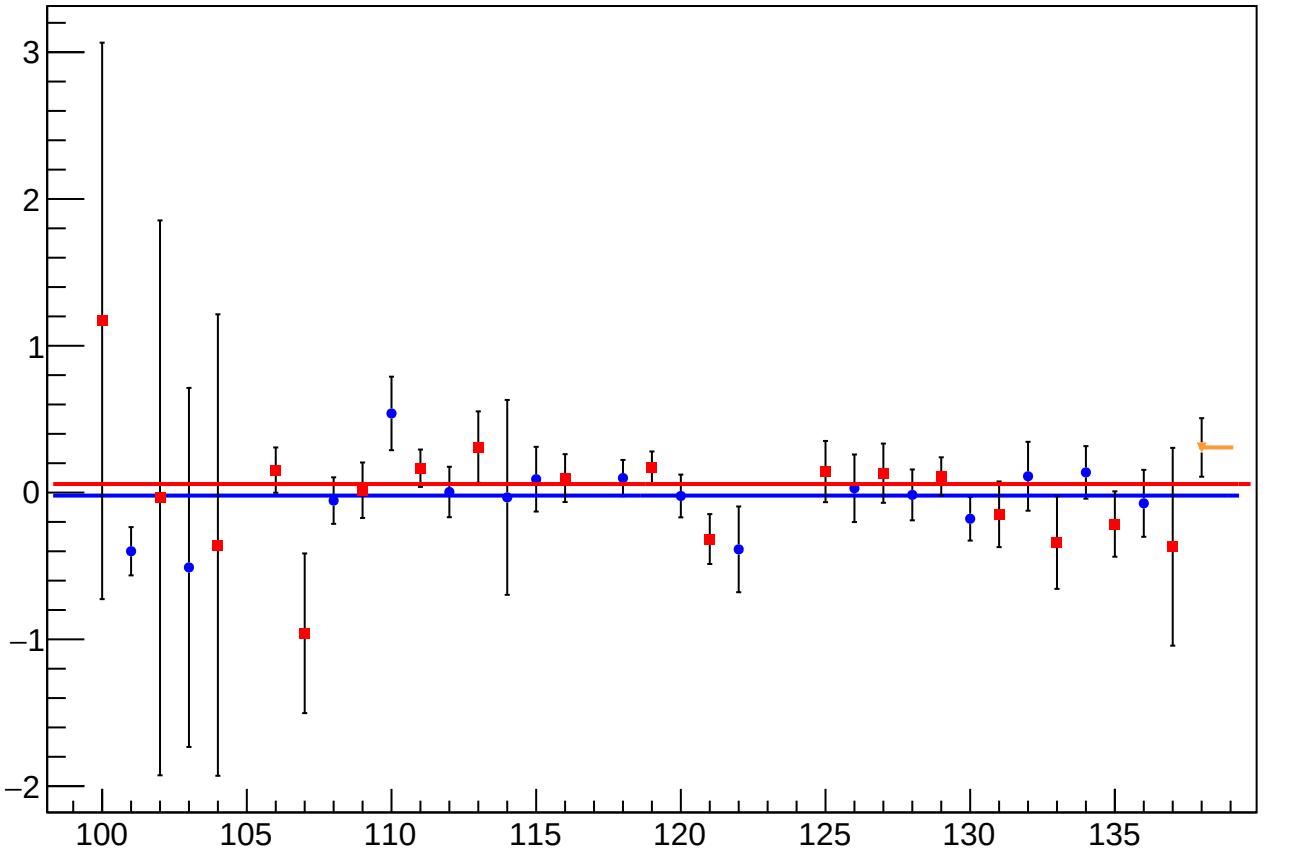
Right Out: 102.673+/-0.033 χ^2/NDF: 2826852.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 114.433+/-0.033 χ^2/NDF: 1988972.6/16

All: 108.563+/-0.023 χ^2/NDF: 4880159.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.048 χ^2/NDF: 15.6/15

Left Out: 0.307+/-0.199 χ^2/NDF:0.0/0

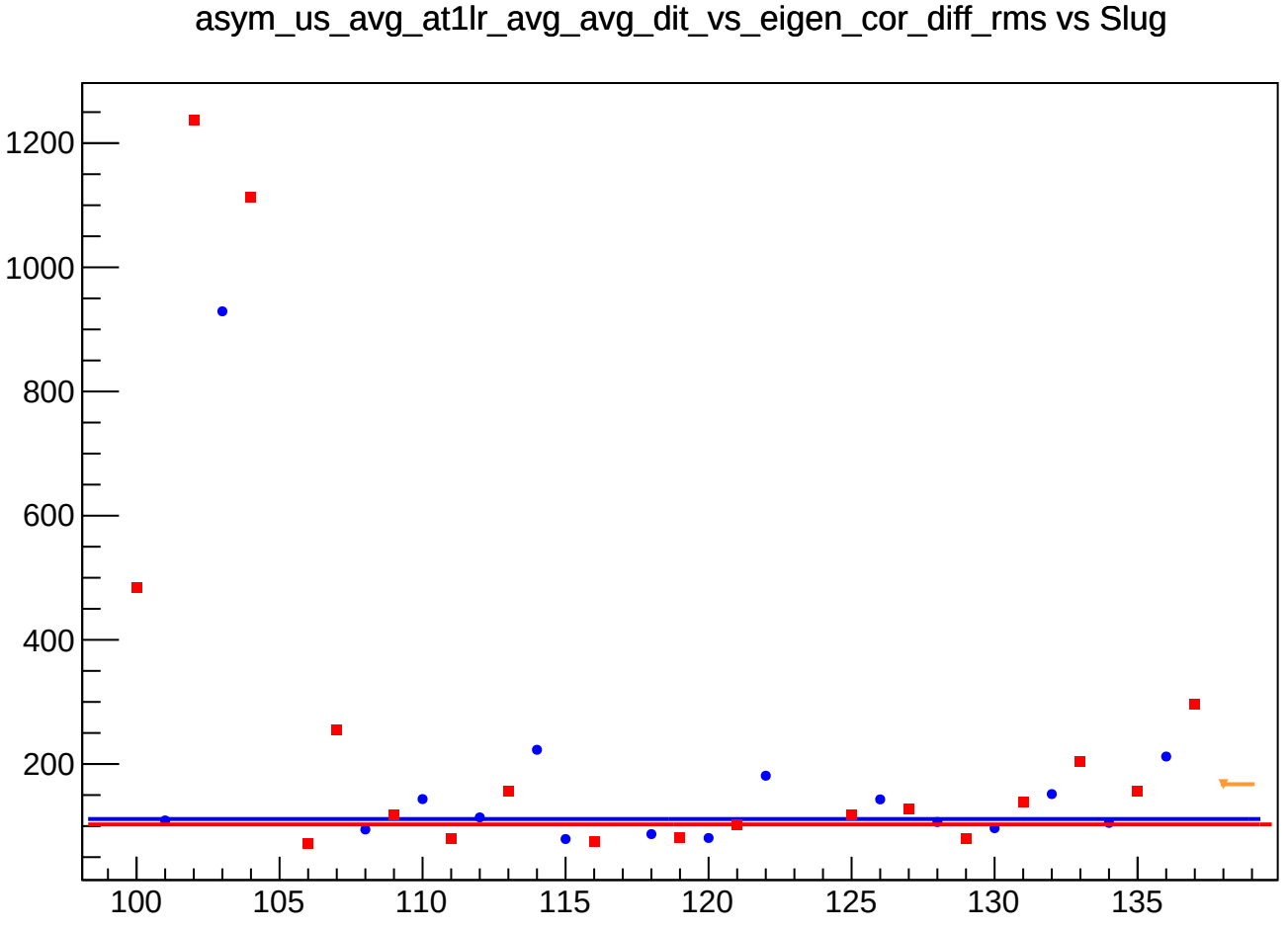
Right Out: 0.058+/-0.046 χ^2/NDF: 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.003+/-0.046 χ^2/NDF: 18.2/16

All: 0.028+/-0.033 χ^2/NDF: 35.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 111.407+/-0.034 χ^2/NDF: 1839361.2/15

Left Out: 167.482+/-0.141 χ^2/NDF:0.0/0

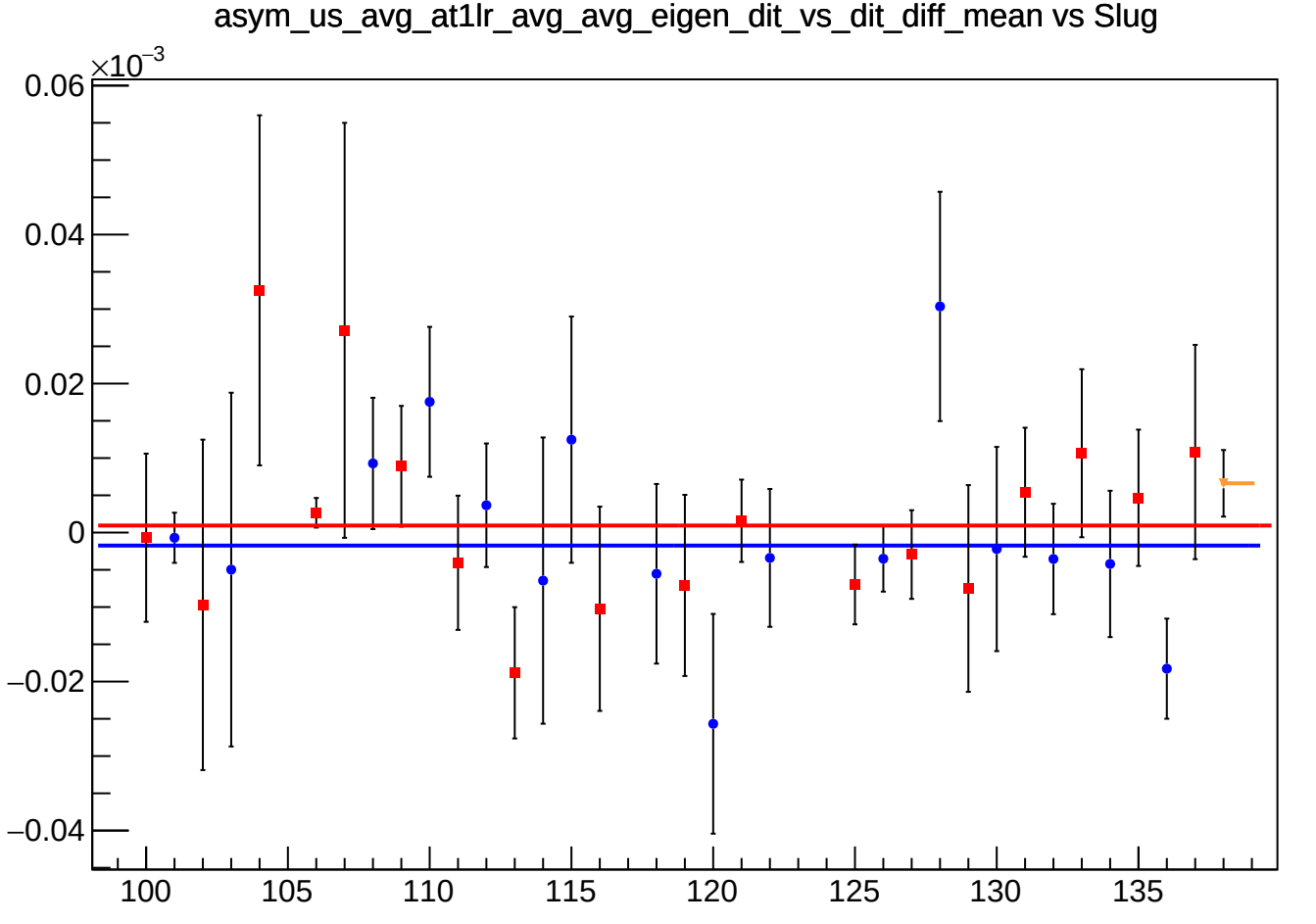
Right Out: 102.673+/-0.033 χ^2/NDF: 2826852.7/17

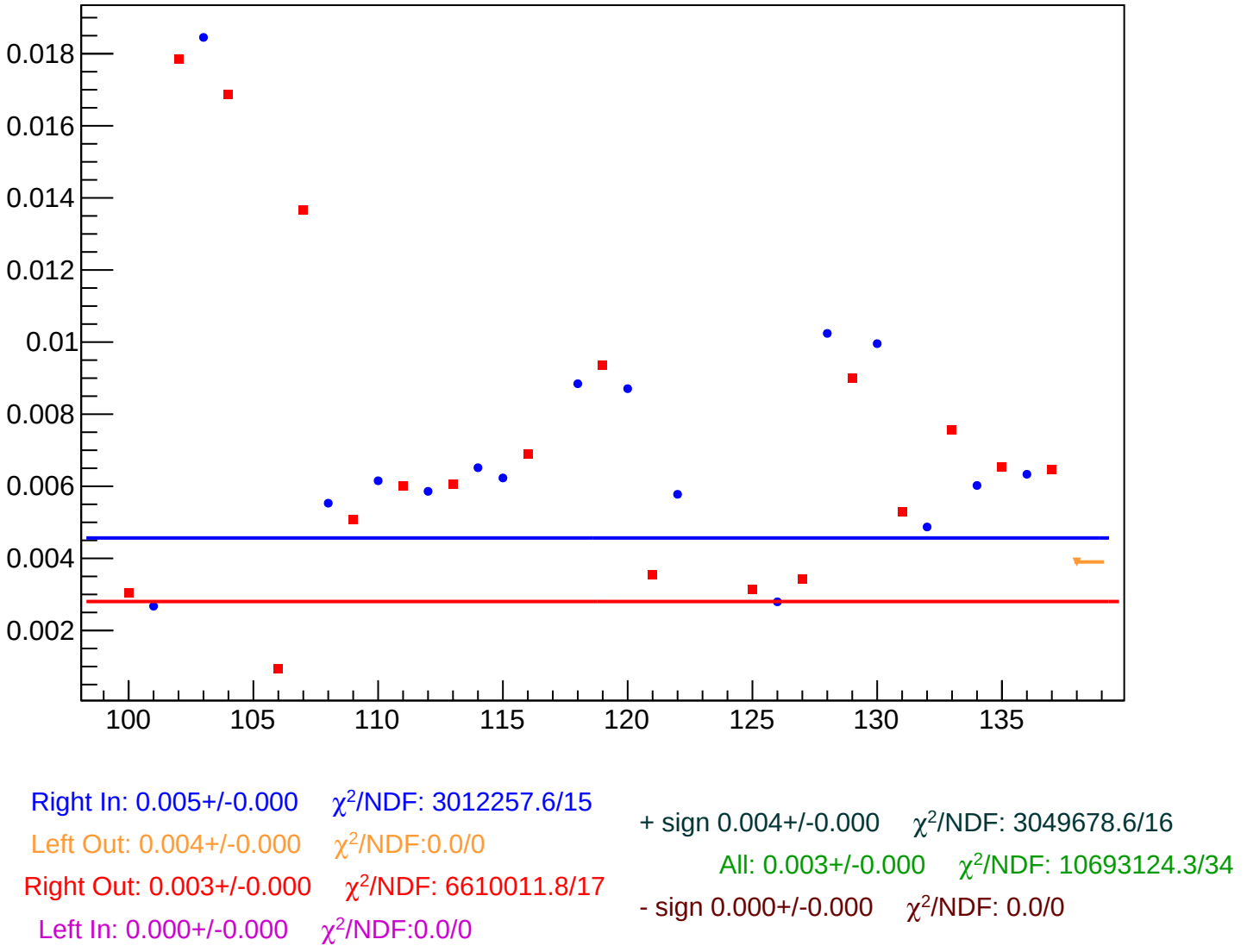
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

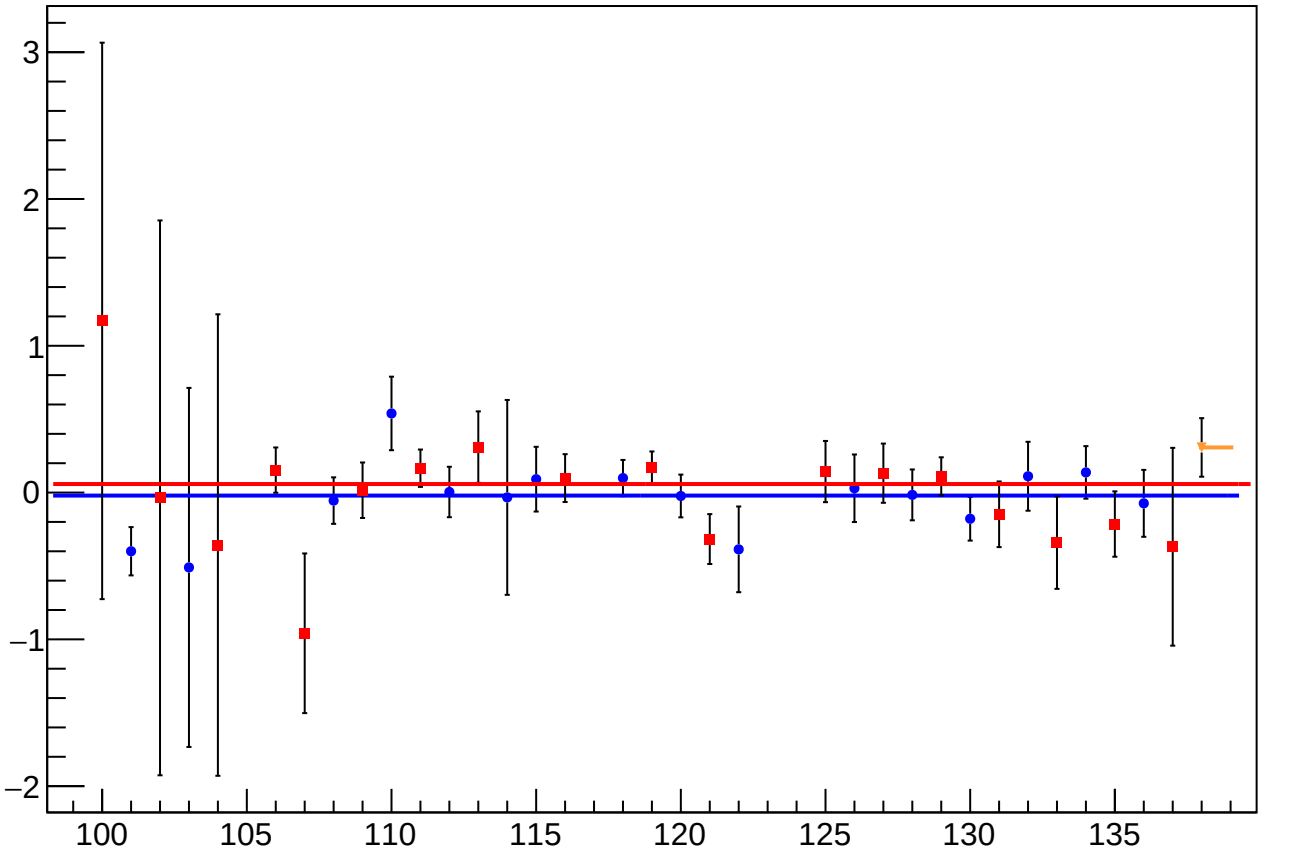
+ sign 114.433+/-0.033 χ^2/NDF: 1988972.6/16

All: 108.563+/-0.023 χ^2/NDF: 4880159.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.06
0.04
0.02
0
−0.02
−0.04
100
105
110
115
120
125
130
135
Right In: -0.000+/-0.000 χ²/NDF: 20.0/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 15.7/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.000+/-0.000 χ²/NDF: 23.0/16
All: 0.000+/-0.000 χ²/NDF: 39.1/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.005+/-0.000 χ²/NDF: 3012257.6/15
Left Out: 0.004+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 6610011.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.004+/-0.000 χ²/NDF: 3049678.6/16
All: 0.003+/-0.000 χ²/NDF: 10693124.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.021+/-0.048 χ^2/NDF: 15.6/15

Left Out: 0.307+/-0.199 χ^2/NDF:0.0/0

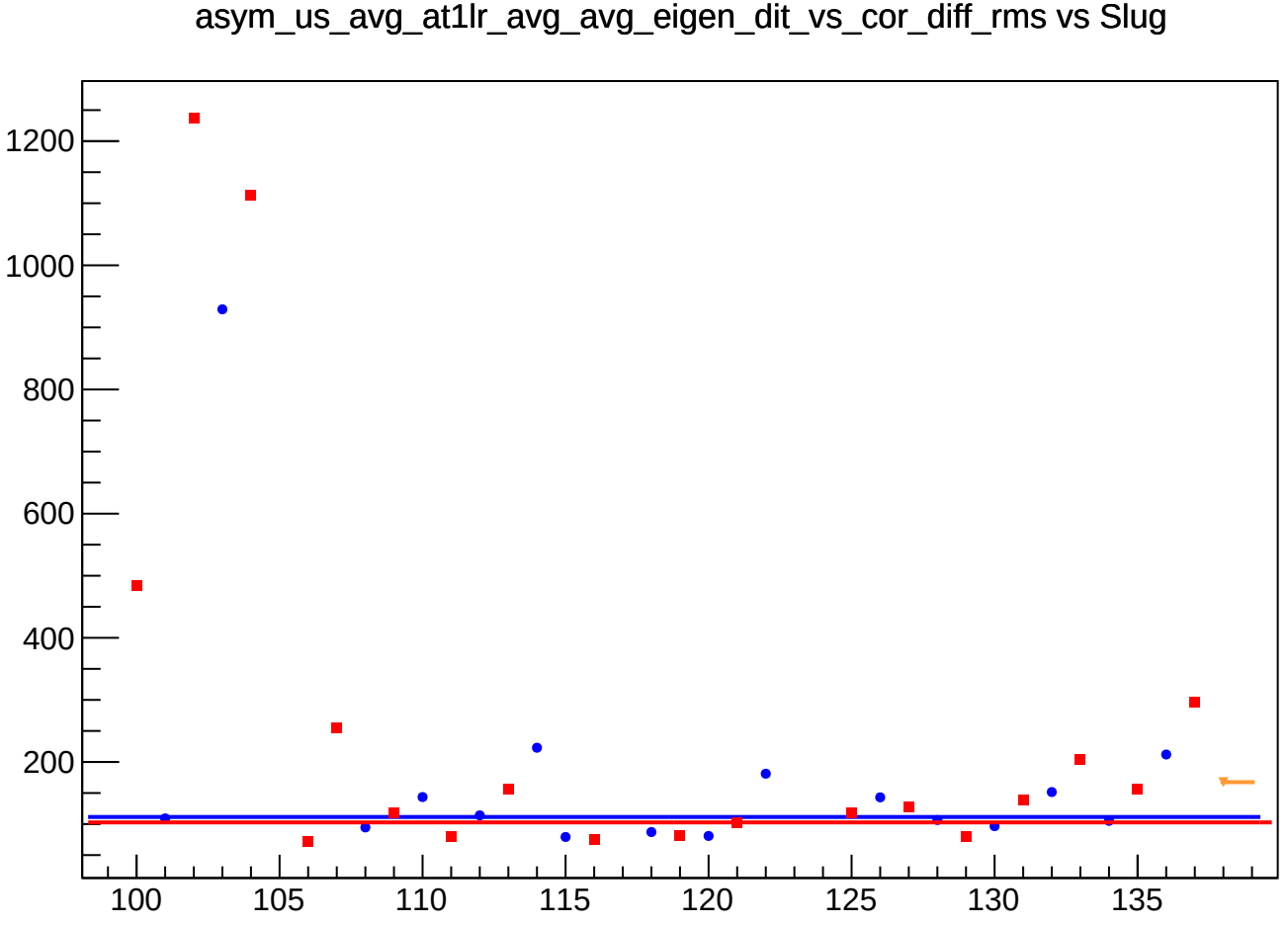
Right Out: 0.058+/-0.046 χ^2/NDF: 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.003+/-0.046 χ^2/NDF: 18.2/16

All: 0.028+/-0.033 χ^2/NDF: 35.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 111.404+/-0.034 χ^2/NDF: 1839407.3/15

Left Out: 167.482+/-0.141 χ^2/NDF:0.0/0

Right Out: 102.671+/-0.033 χ^2/NDF: 2826848.2/17

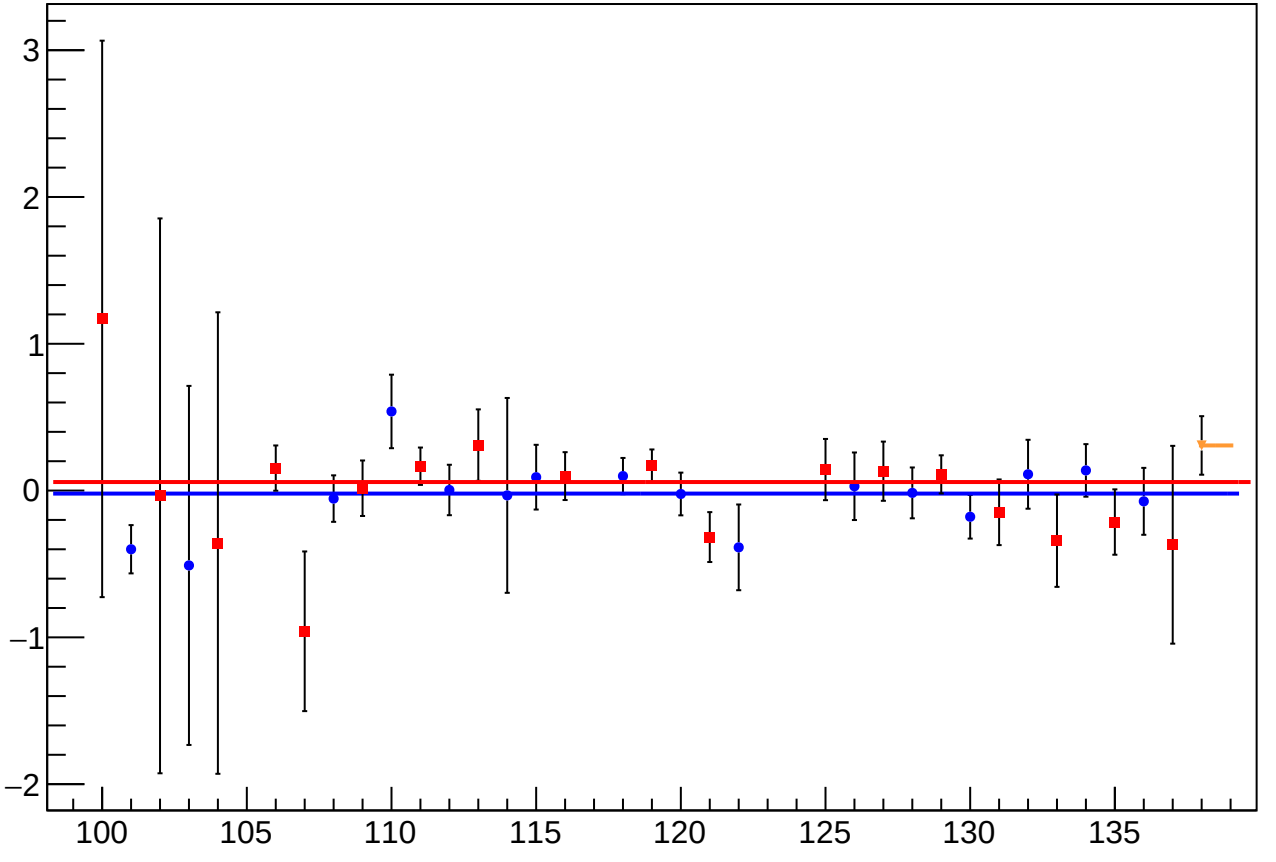
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 114.430+/-0.033 χ^2/NDF: 1989035.8/16

All: 108.560+/-0.023 χ^2/NDF: 4880209.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021+/-0.048 χ^2/NDF: 15.6/15

Left Out: 0.307+/-0.199 χ^2/NDF:0.0/0

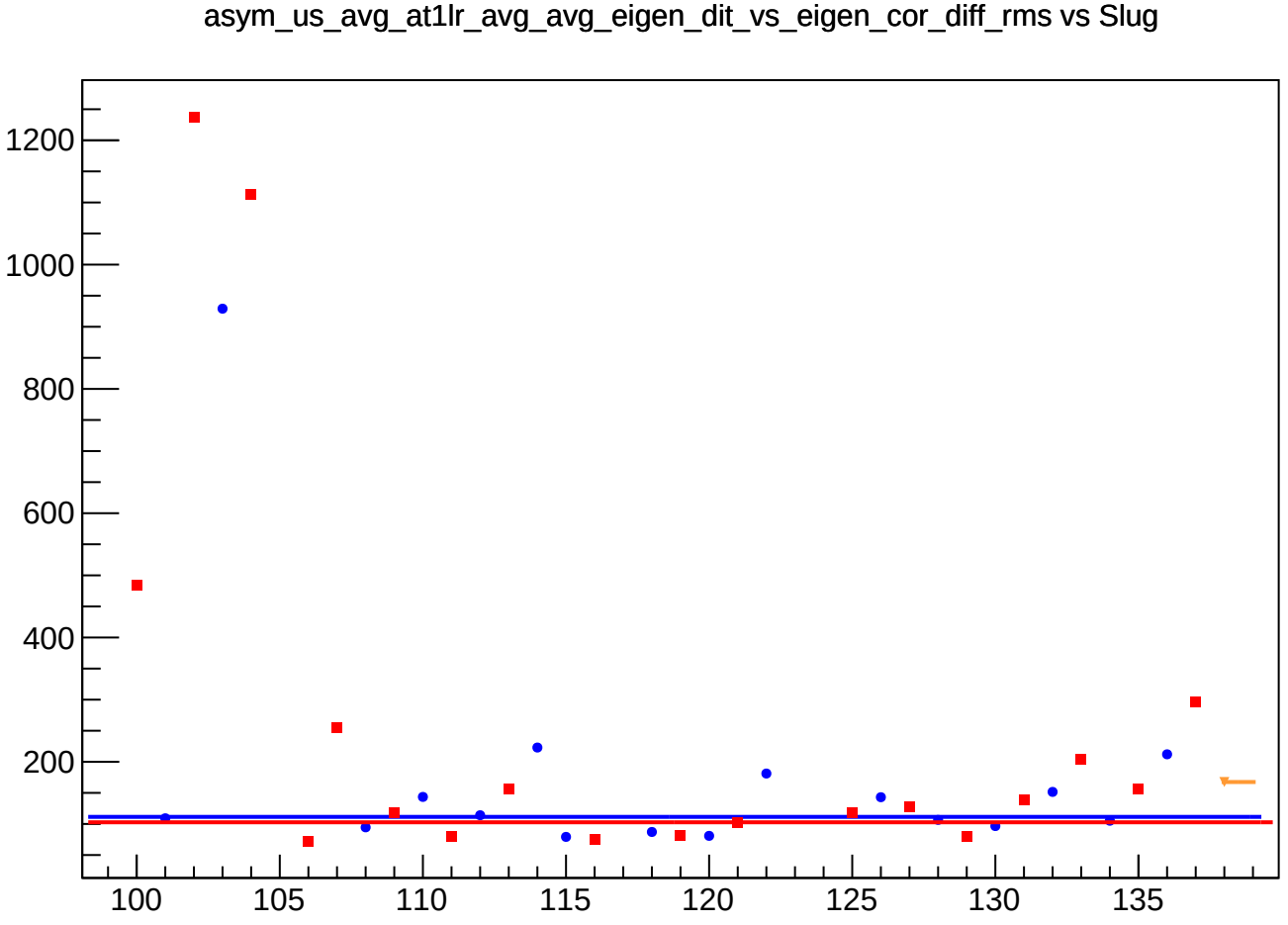
Right Out: 0.058+/-0.046 χ^2/NDF: 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.046 χ^2/NDF: 18.2/16

All: 0.028+/-0.033 χ^2/NDF: 35.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 111.404+/-0.034 χ^2/NDF: 1839407.3/15

Left Out: 167.482+/-0.141 χ^2/NDF:0.0/0

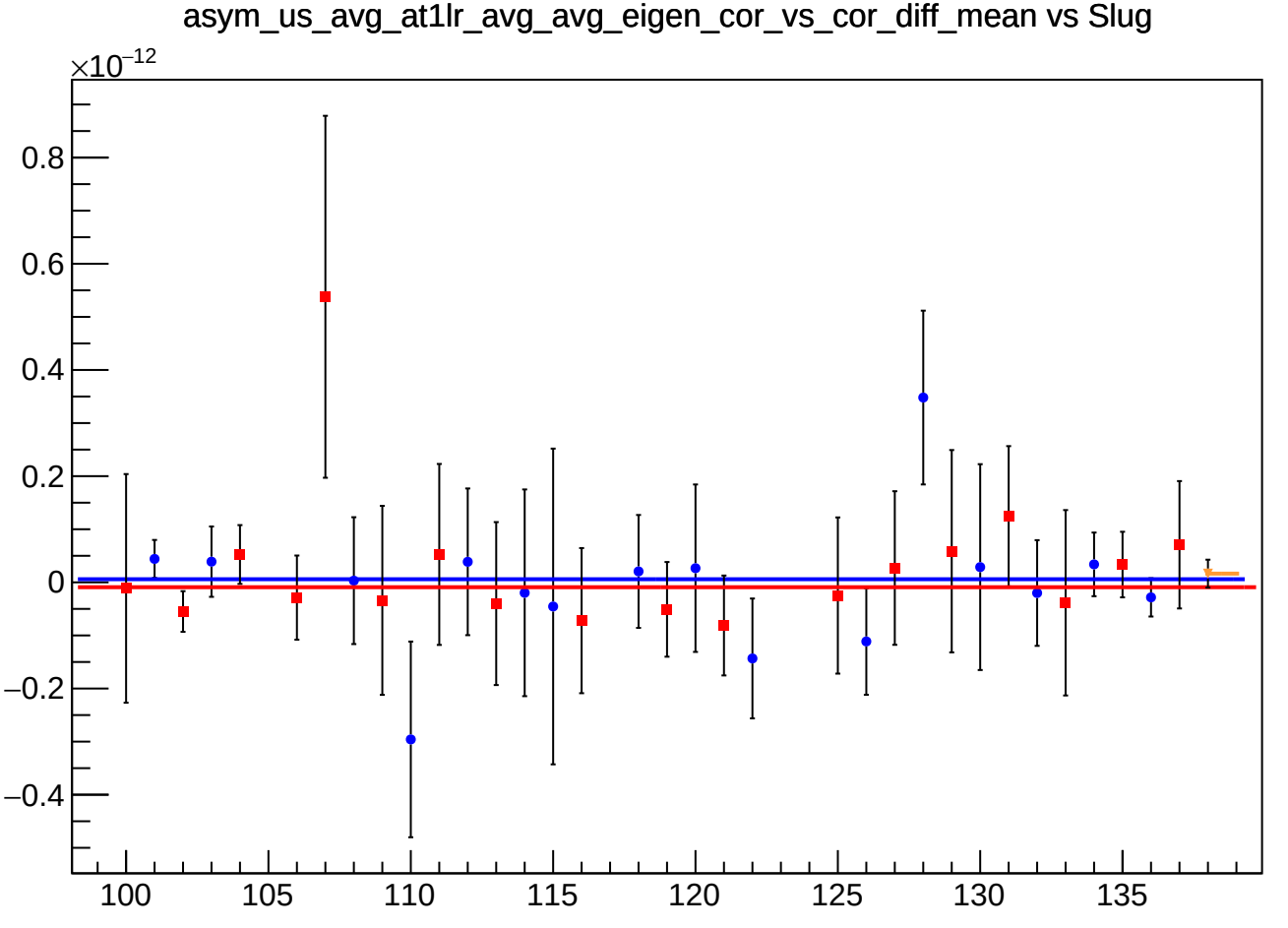
Right Out: 102.671+/-0.033 χ^2/NDF: 2826848.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 114.430+/-0.033 χ^2/NDF: 1989035.8/16

All: 108.560+/-0.023 χ^2/NDF: 4880209.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 12.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

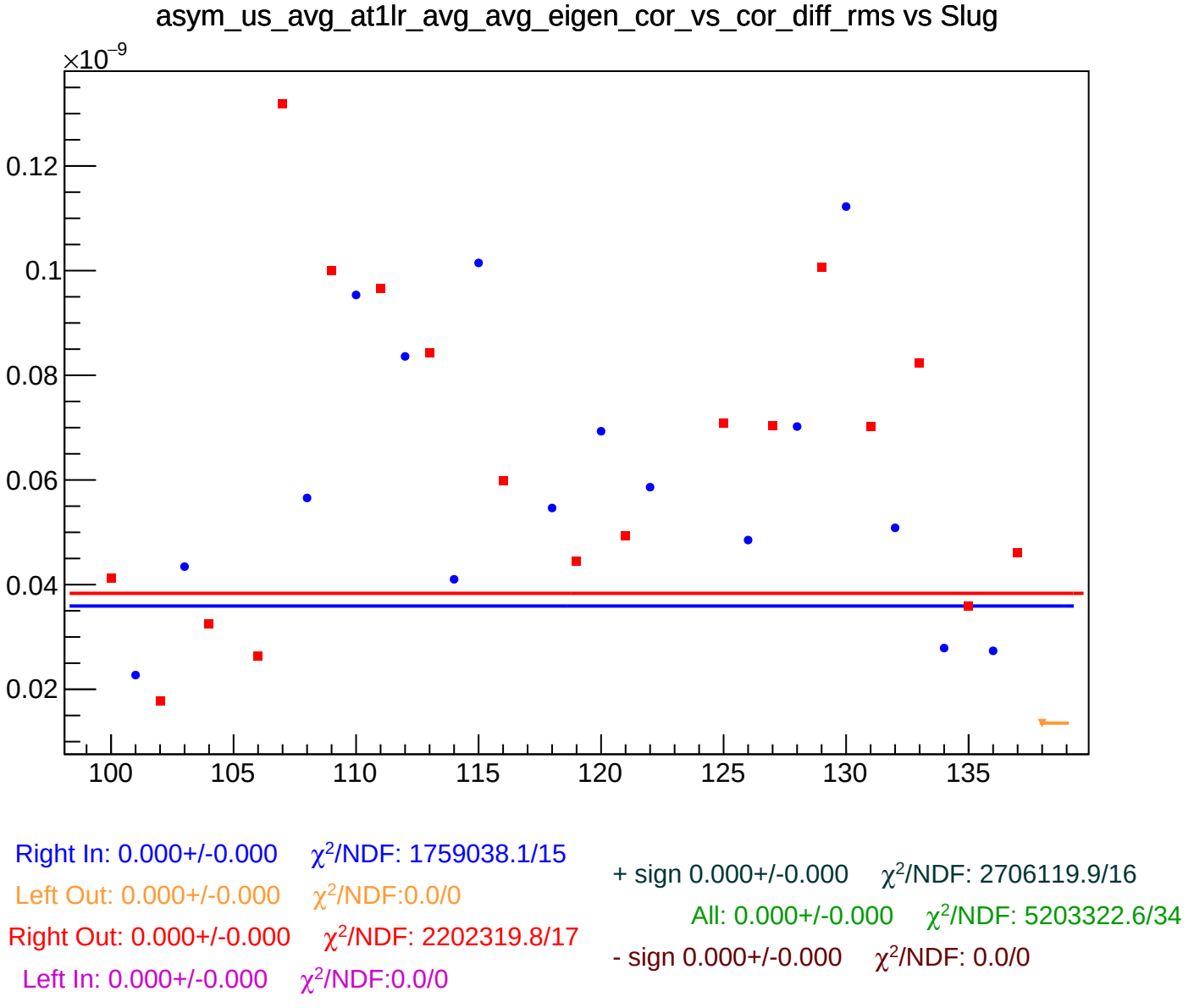
Right Out: -0.000+/-0.000 χ^2/NDF: 8.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

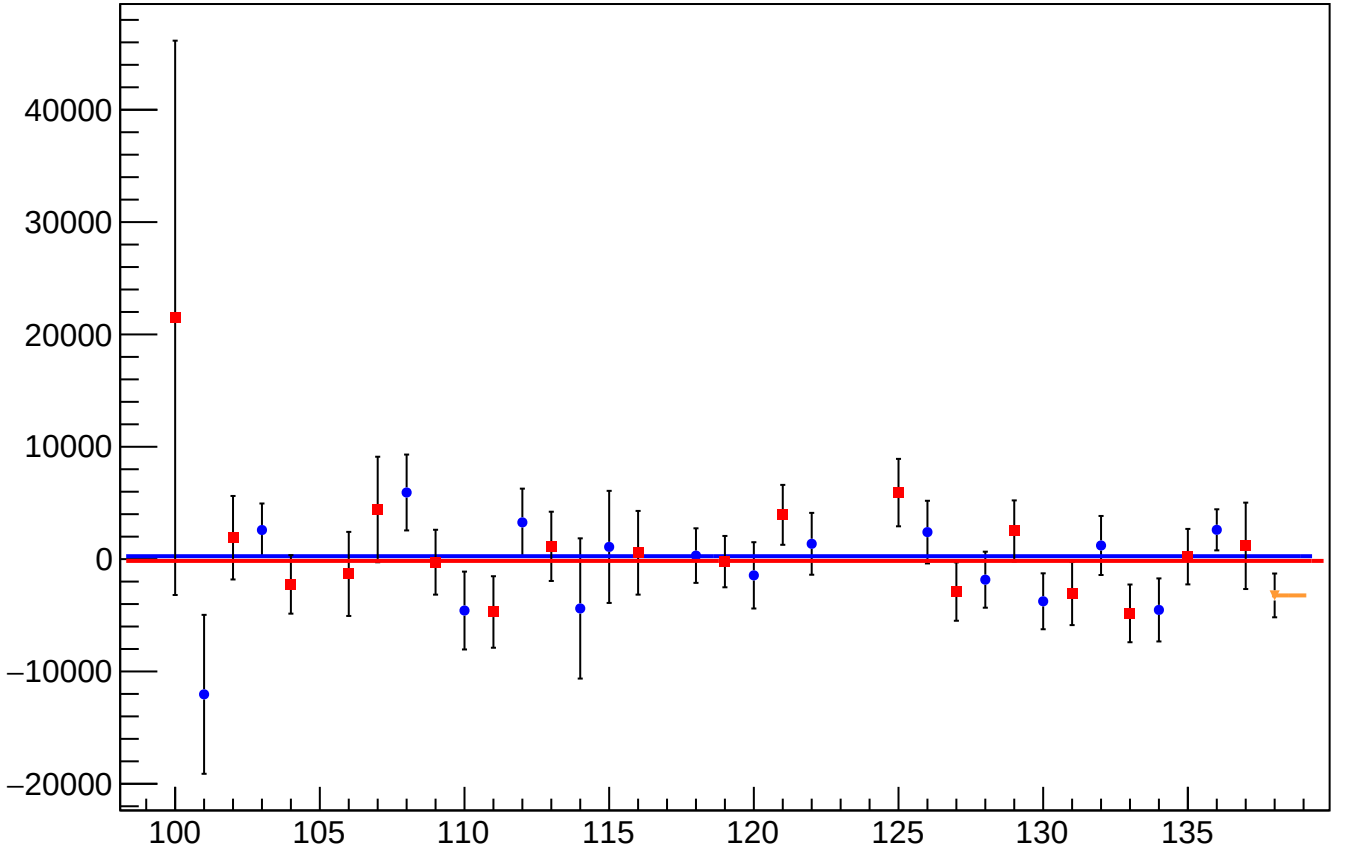
+ sign 0.000+/-0.000 χ^2/NDF: 13.0/16

All: 0.000+/-0.000 χ^2/NDF: 22.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1759038.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2202319.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2706119.9/16
All: 0.000+/-0.000 χ²/NDF: 5203322.6/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 259.502+/-709.700 χ^2/NDF: 19.4/15

Left Out: -3230.917+/-1948.960 χ^2/NDF:0.0/0

Right Out: -159.330+/-712.314 χ^2/NDF: 18.1/17

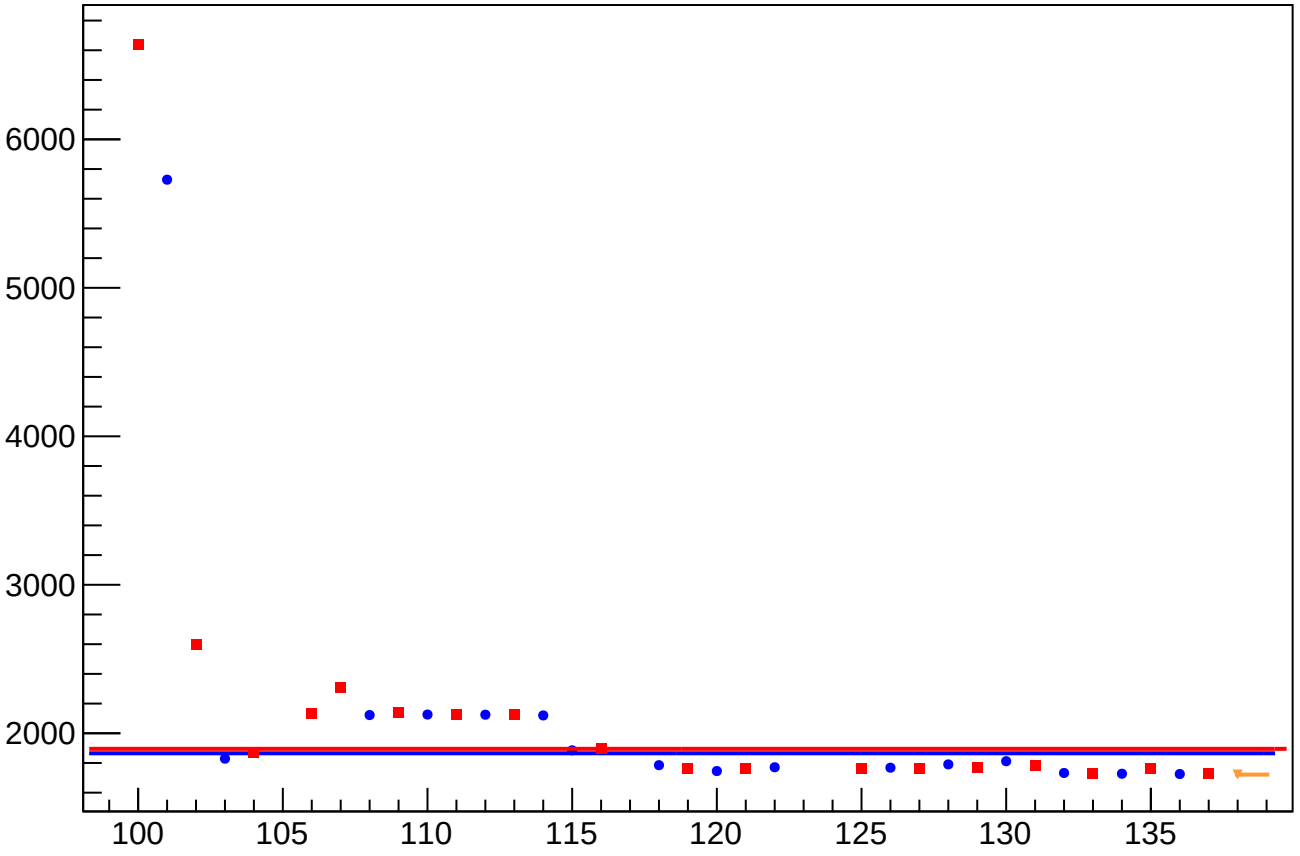
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -149.141+/-666.862 χ^2/NDF: 22.3/16

All: -153.900+/-486.819 χ^2/NDF: 40.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1865.170+/-0.502 χ^2/NDF: 672724.7/15

Left Out: 1721.728+/-1.378 χ^2/NDF:0.0/0

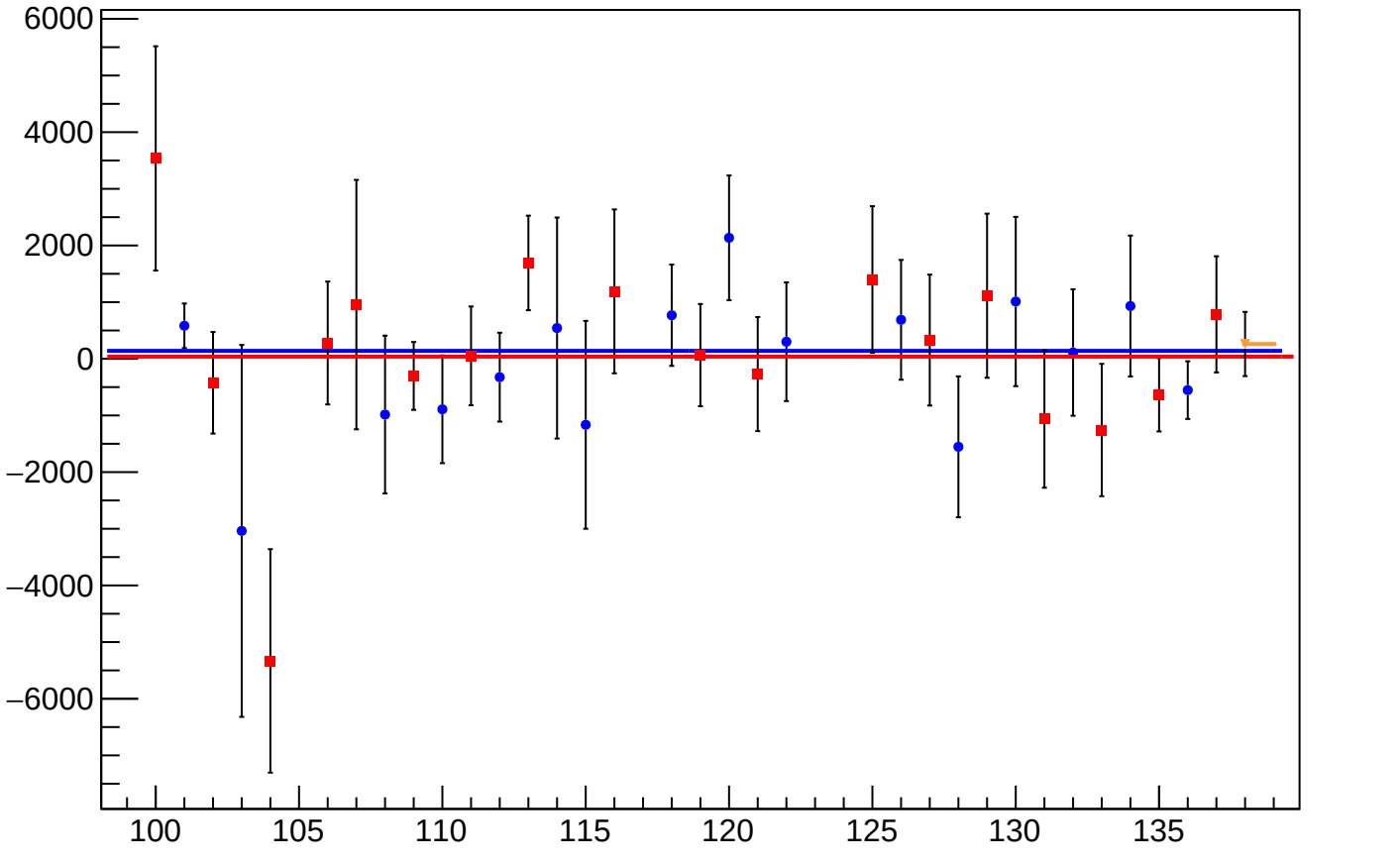
Right Out: 1895.250+/-0.504 χ^2/NDF: 250806.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1848.377+/-0.472 χ^2/NDF: 682290.2/16

All: 1870.270+/-0.344 χ^2/NDF: 937711.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 139.799+/-220.100 χ^2/NDF: 13.5/15

Left Out: 260.989+/-566.347 χ^2/NDF:0.0/0

Right Out: 38.629+/-238.253 χ^2/NDF: 21.4/17

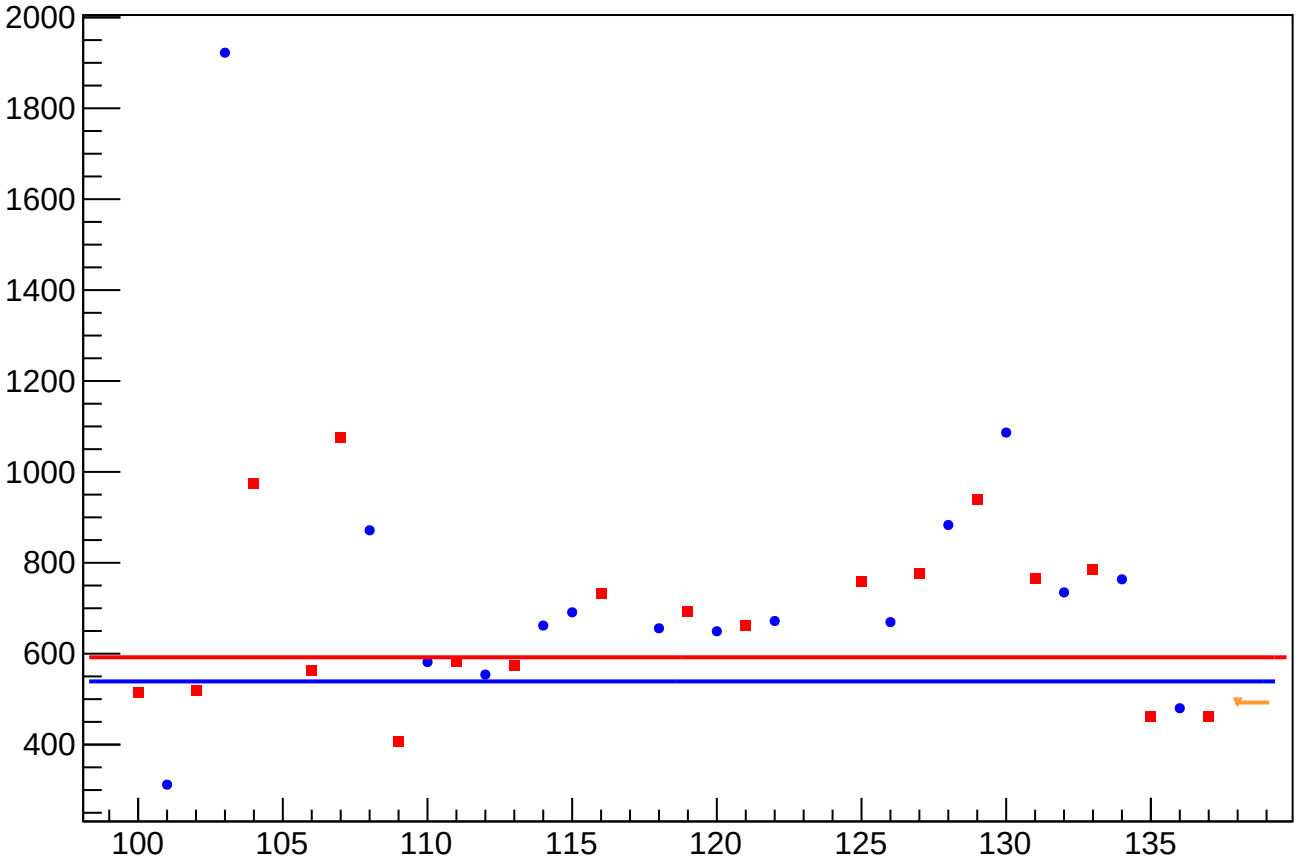
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 155.701+/-205.152 χ^2/NDF: 13.5/16

All: 105.856+/-155.461 χ^2/NDF: 35.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 539.016+/-0.156 χ^2/NDF: 1854576.5/15

Left Out: 492.597+/-0.400 χ^2/NDF:0.0/0

Right Out: 592.101+/-0.168 χ^2/NDF: 843066.1/17

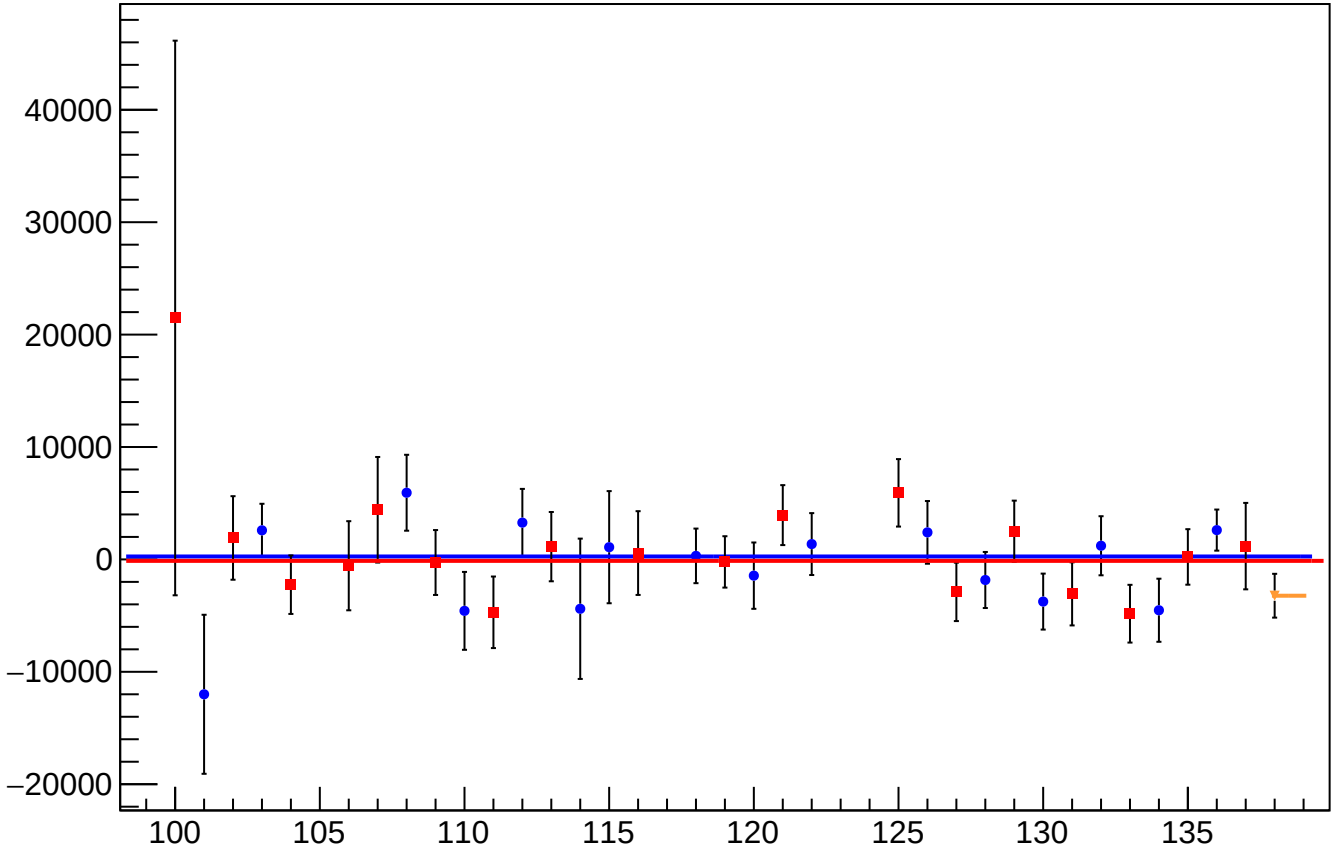
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 532.925+/-0.145 χ^2/NDF: 1866249.2/16

All: 558.120+/-0.110 χ^2/NDF: 2780164.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 259.689+/-709.700 χ^2/NDF: 19.4/15

Left Out: -3230.927+/-1948.960 χ^2/NDF:0.0/0

Right Out: -130.049+/-713.724 χ^2/NDF: 18.0/17

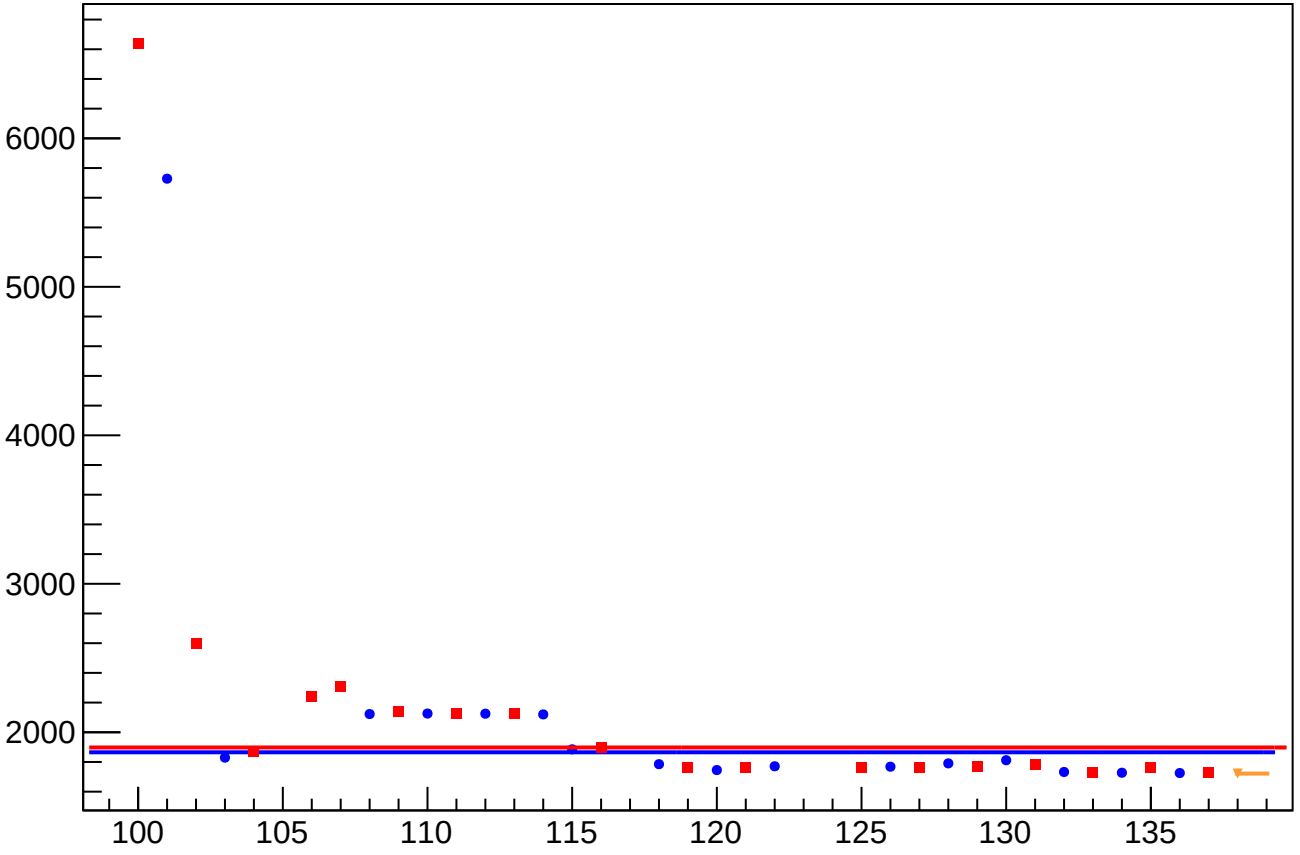
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -148.977+/-666.863 χ^2/NDF: 22.2/16

All: -140.155+/-487.268 χ^2/NDF: 40.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1865.170+/-0.502 χ^2/NDF: 672724.7/15

Left Out: 1721.728+/-1.378 χ^2/NDF:0.0/0

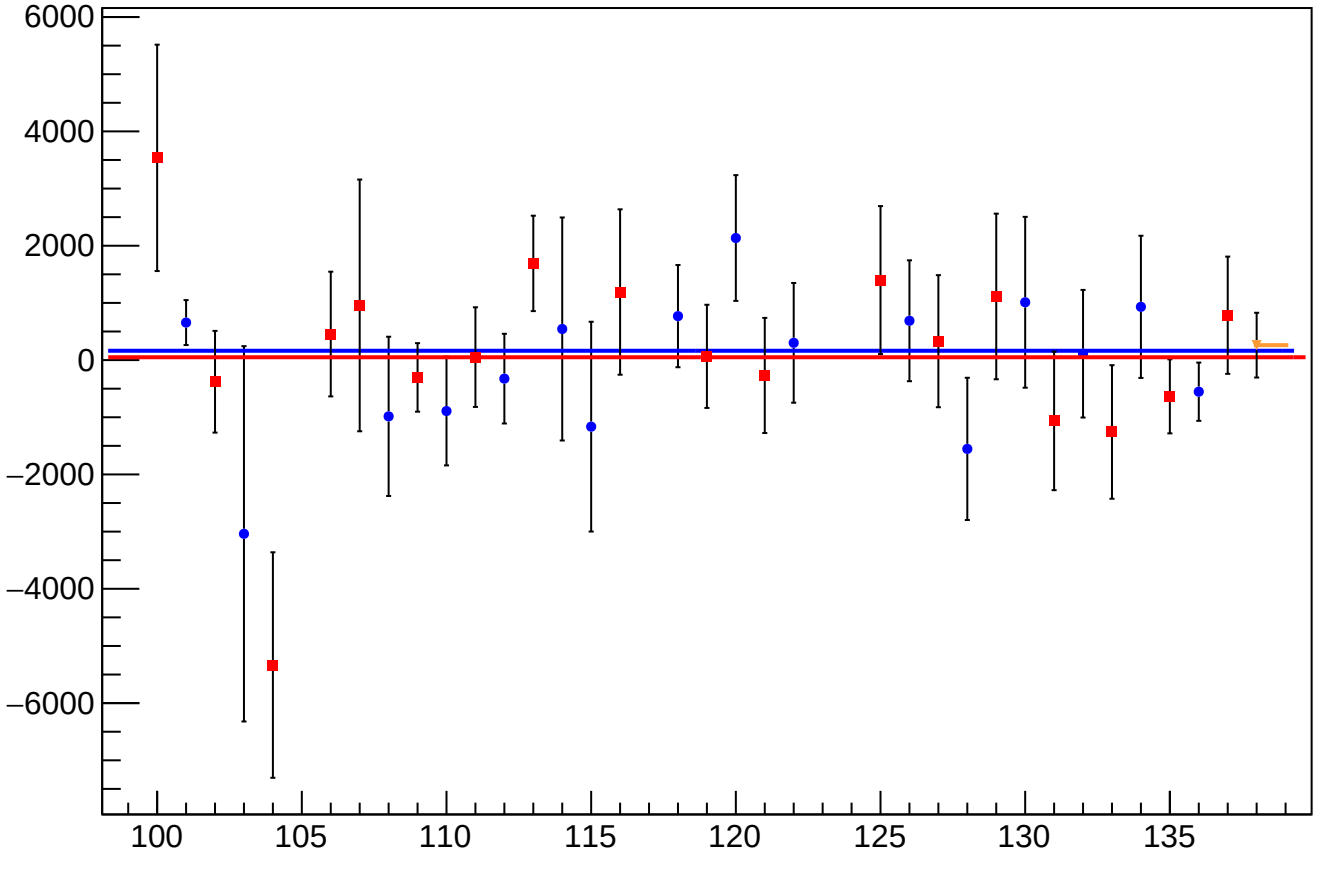
Right Out: 1897.700+/-0.505 χ^2/NDF: 257735.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1848.376+/-0.472 χ^2/NDF: 682290.1/16

All: 1871.366+/-0.345 χ^2/NDF: 945124.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 163.149+/-220.024 χ^2/NDF: 13.9/15

Left Out: 261.192+/-566.359 χ^2/NDF:0.0/0

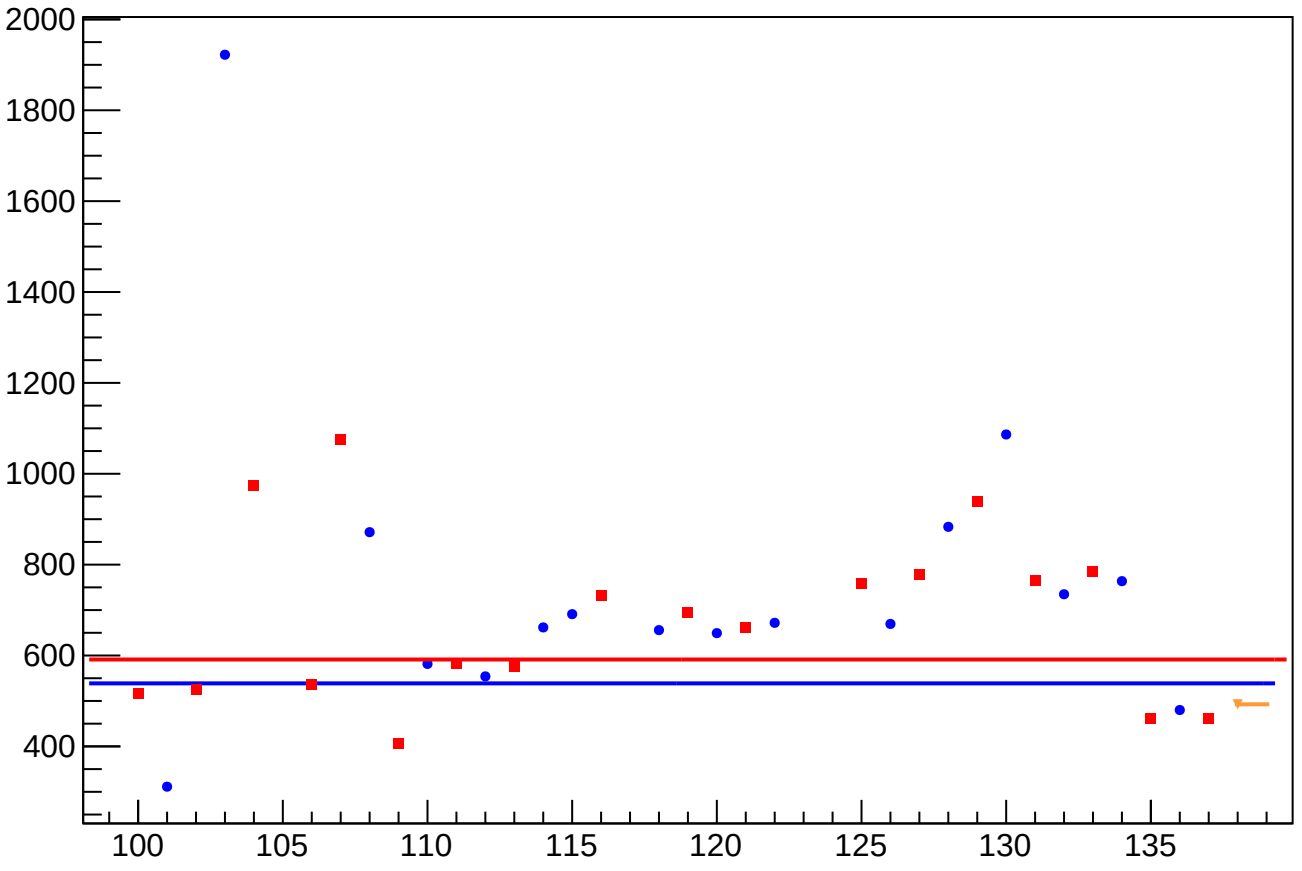
Right Out: 49.618+/-238.198 χ^2/NDF: 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 176.006+/-205.091 χ^2/NDF: 13.9/16

All: 122.198+/-155.419 χ^2/NDF: 35.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 538.703+/-0.156 χ^2/NDF: 1858892.9/15

Left Out: 492.611+/-0.400 χ^2/NDF:0.0/0

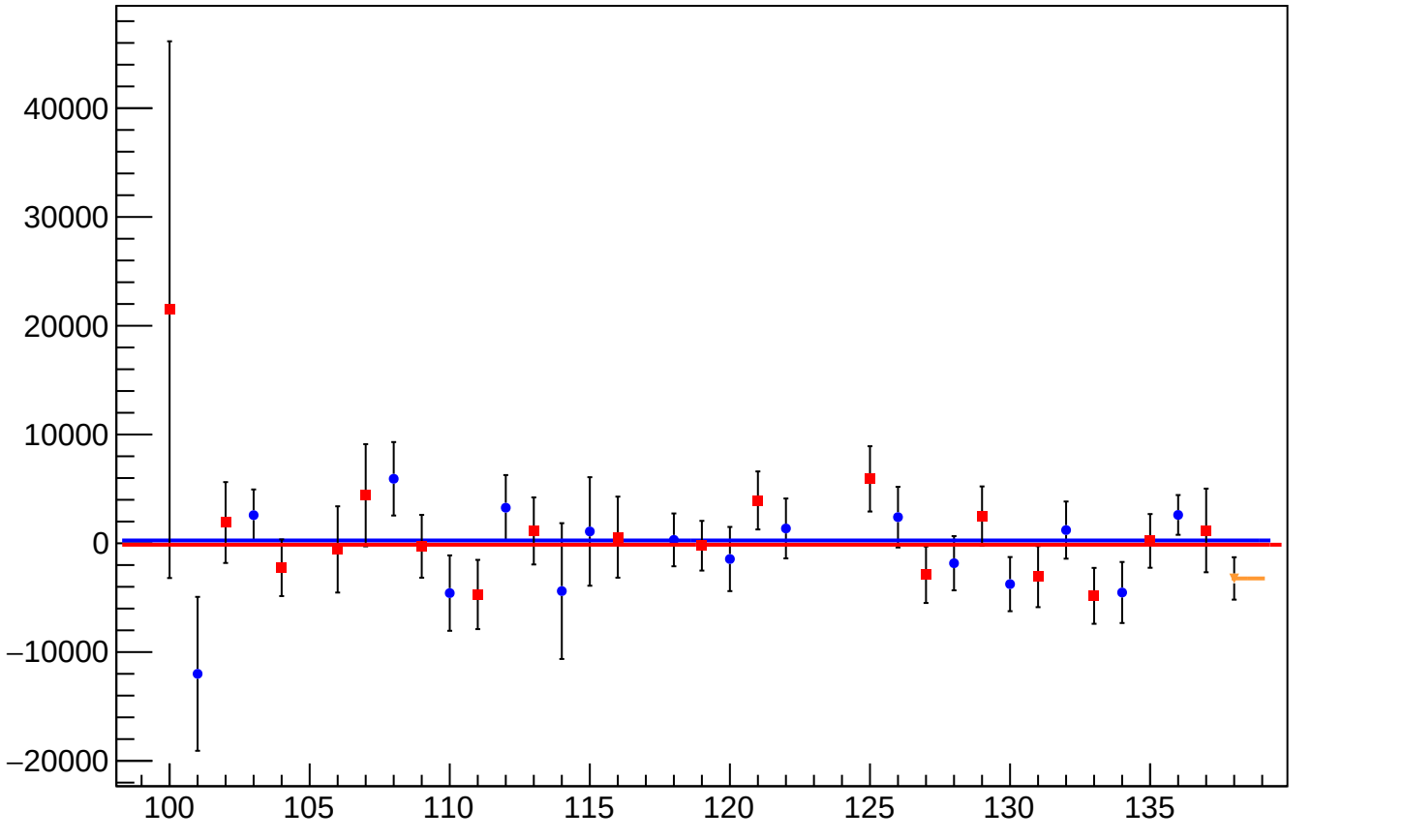
Right Out: 591.241+/-0.168 χ^2/NDF: 844536.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 532.659+/-0.145 χ^2/NDF: 1870402.6/16

All: 557.599+/-0.110 χ^2/NDF: 2784410.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 259.689+/-709.700 χ^2/NDF: 19.4/15

Left Out: -3230.927+/-1948.960 χ^2/NDF:0.0/0

Right Out: -130.049+/-713.724 χ^2/NDF: 18.0/17

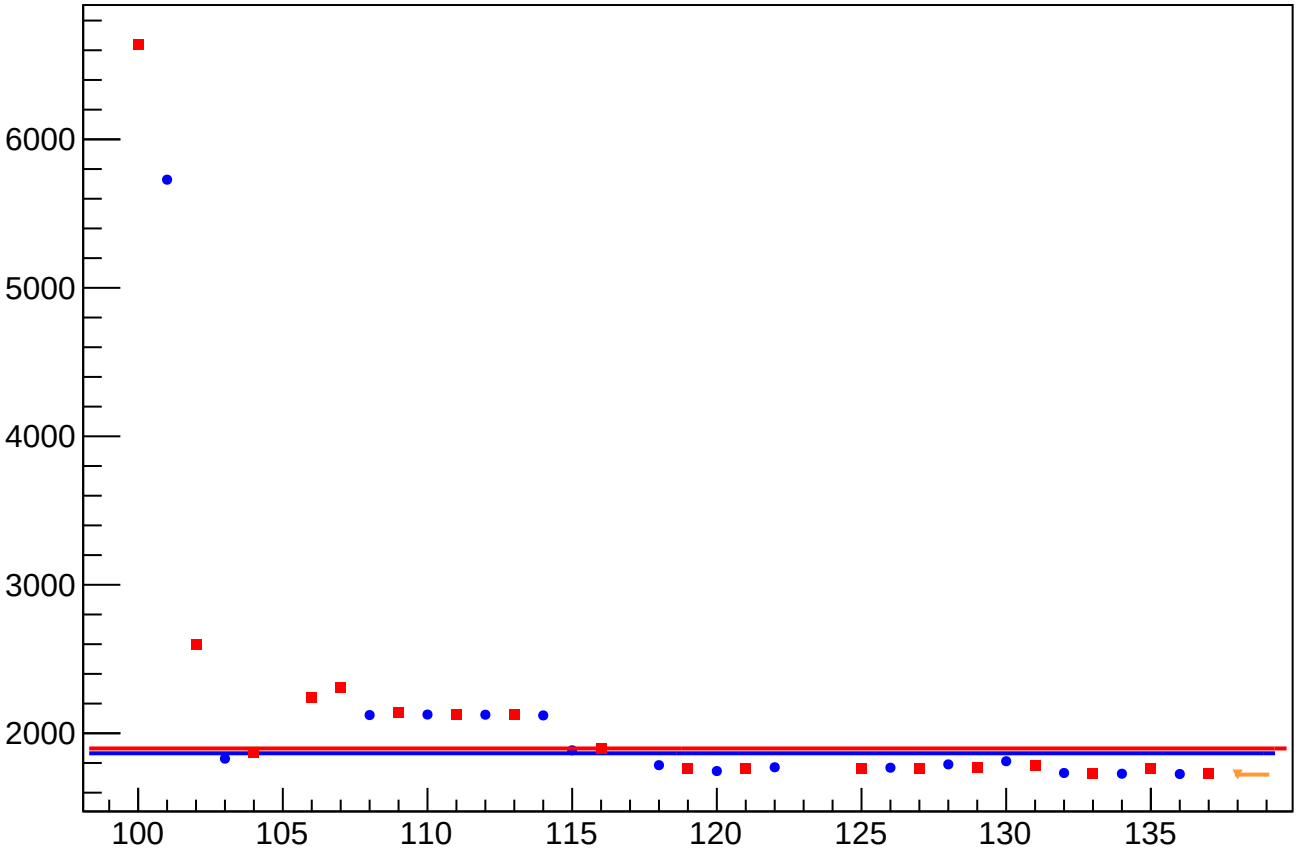
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -148.977+/-666.863 χ^2/NDF: 22.2/16

All: -140.155+/-487.268 χ^2/NDF: 40.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1865.170+/-0.502 χ^2/NDF: 672724.7/15

Left Out: 1721.728+/-1.378 χ^2/NDF:0.0/0

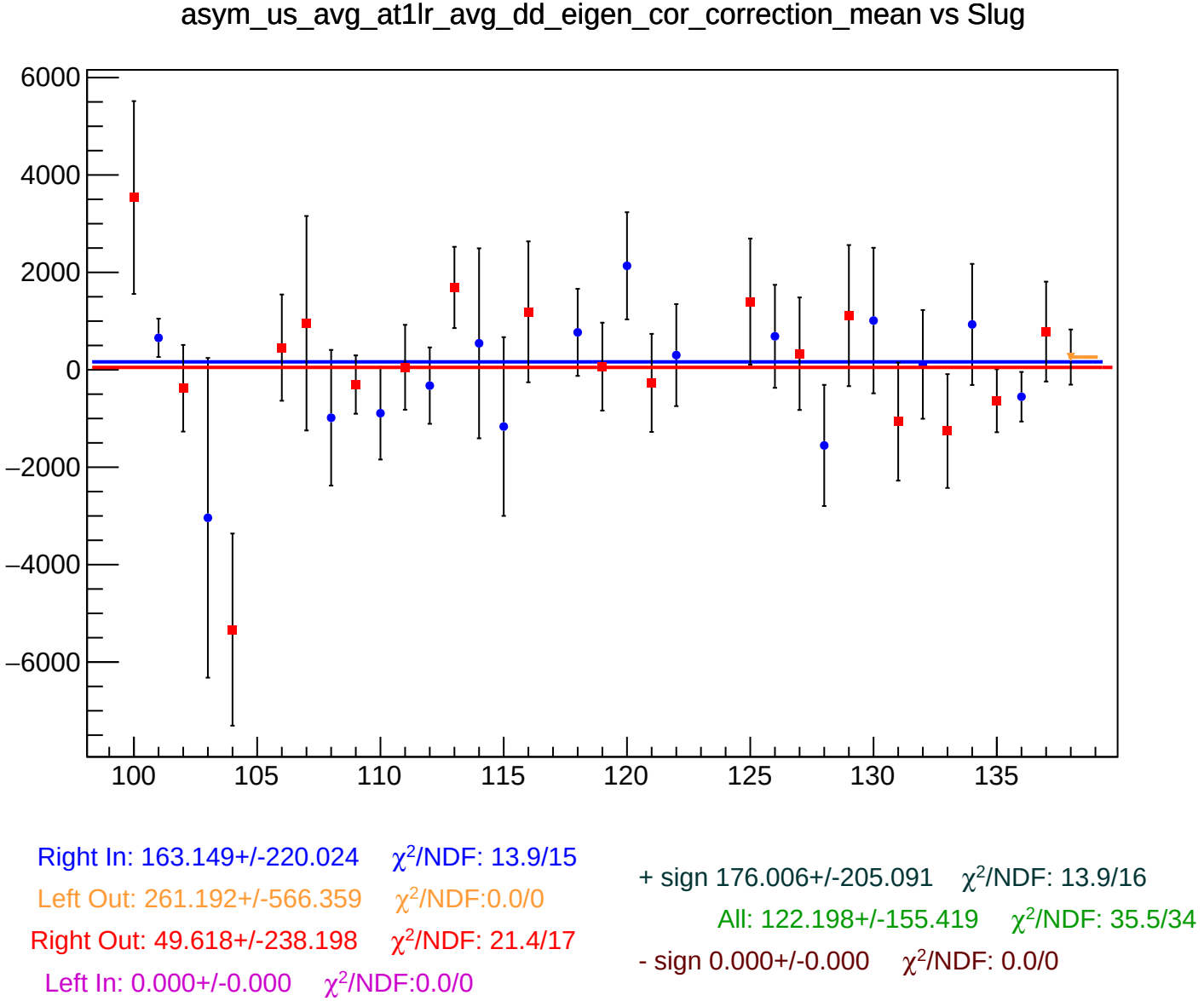
Right Out: 1897.700+/-0.505 χ^2/NDF: 257735.0/17

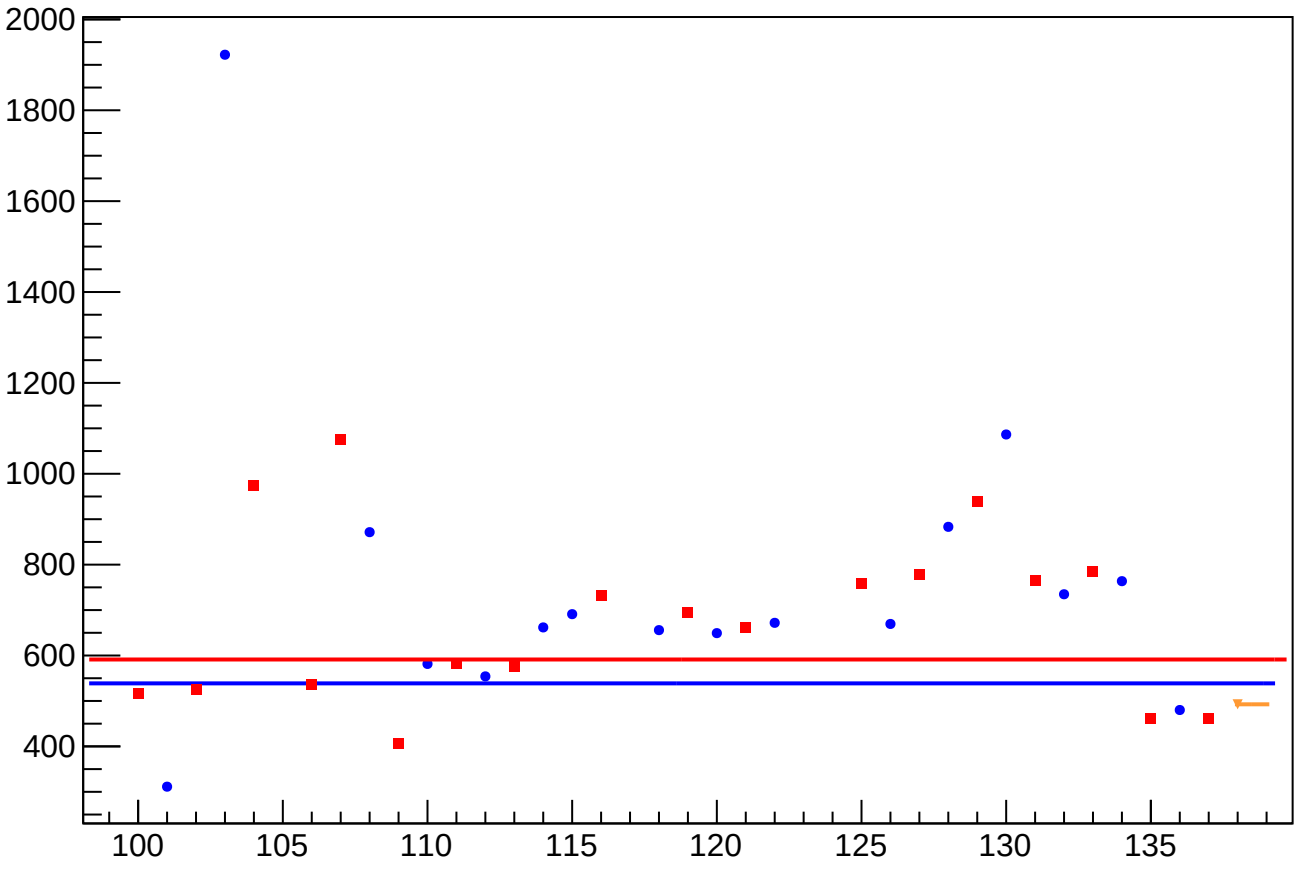
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1848.376+/-0.472 χ^2/NDF: 682290.1/16

All: 1871.366+/-0.345 χ^2/NDF: 945124.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug
6000
4000
2000
0
−2000
−4000
−6000
100
105
110
115
120
125
130
135
Right In: 163.149+/-220.024 χ²/NDF: 13.9/15
Left Out: 261.192+/-566.359 χ²/NDF:0.0/0
Right Out: 49.618+/-238.198 χ²/NDF: 21.4/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 176.006+/-205.091 χ²/NDF: 13.9/16
All: 122.198+/-155.419 χ²/NDF: 35.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 538.703+/-0.156 χ^2/NDF: 1858892.9/15

Left Out: 492.611+/-0.400 χ^2/NDF:0.0/0

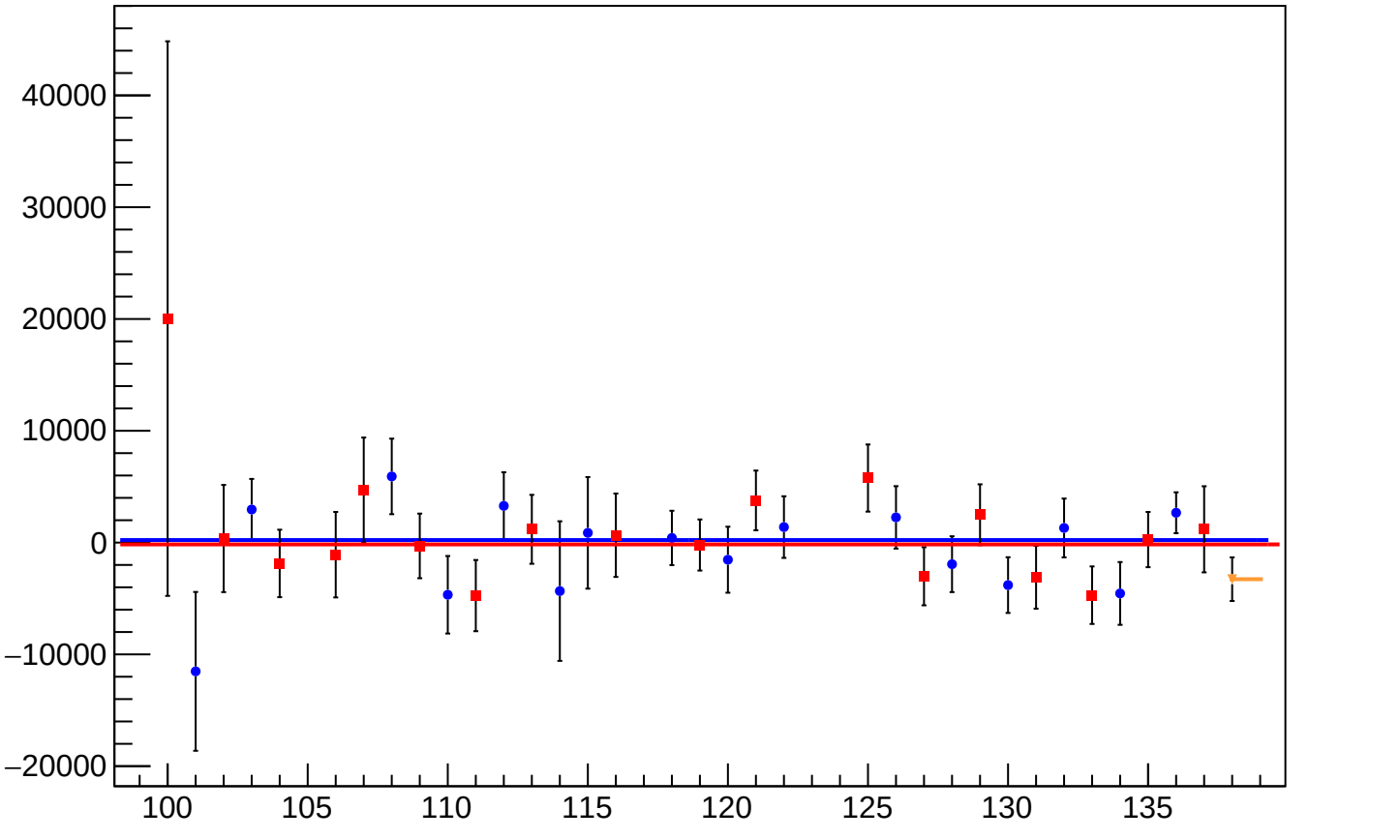
Right Out: 591.241+/-0.168 χ^2/NDF: 844536.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 532.659+/-0.145 χ^2/NDF: 1870402.6/16

All: 557.599+/-0.110 χ^2/NDF: 2784410.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 226.227+/-718.556 χ^2/NDF: 19.4/15

Left Out: -3274.823+/-1950.223 χ^2/NDF:0.0/0

Right Out: -163.711+/-725.798 χ^2/NDF: 17.0/17

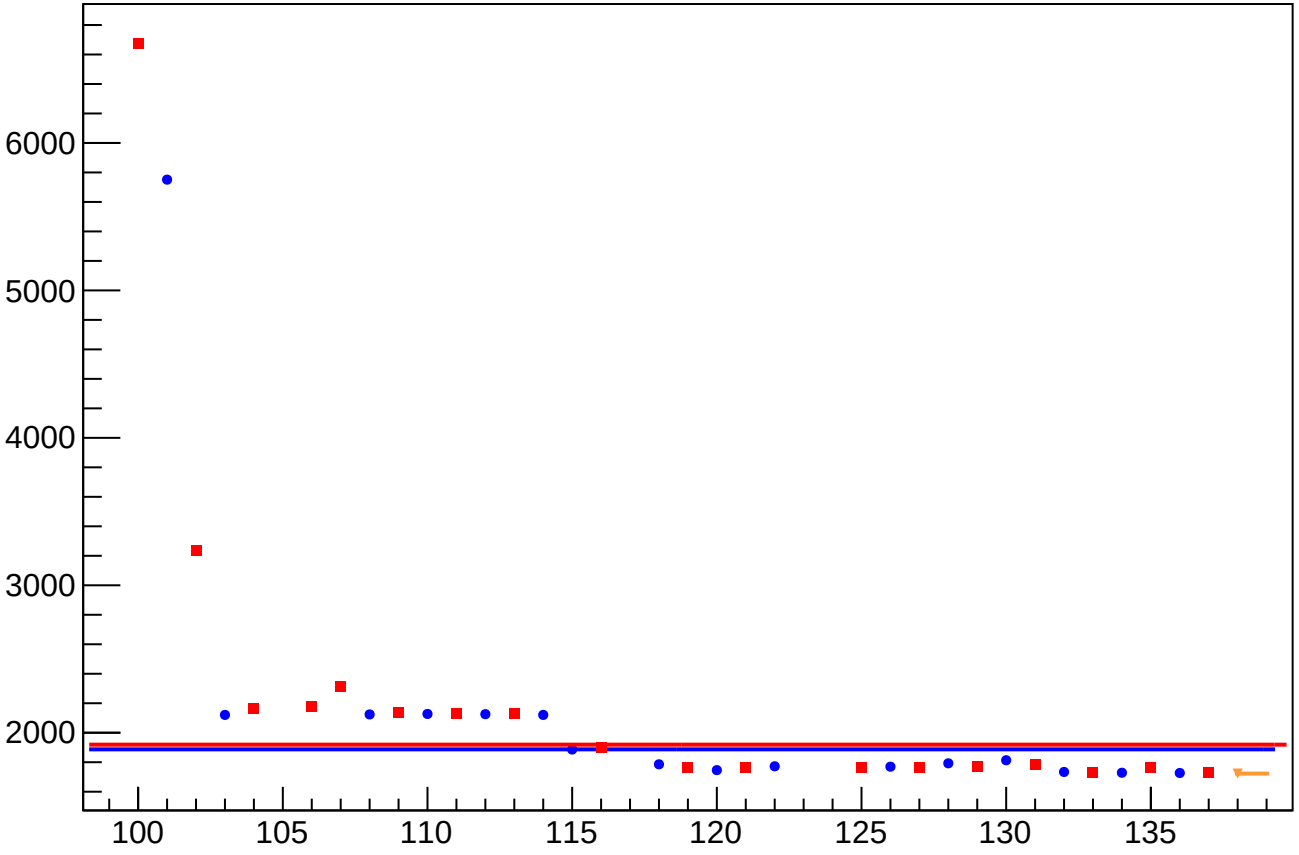
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -192.245+/-674.246 χ^2/NDF: 22.3/16

All: -179.027+/-493.984 χ^2/NDF: 39.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1887.310+/-0.508 χ^2/NDF: 689442.6/15

Left Out: 1722.842+/-1.379 χ^2/NDF:0.0/0

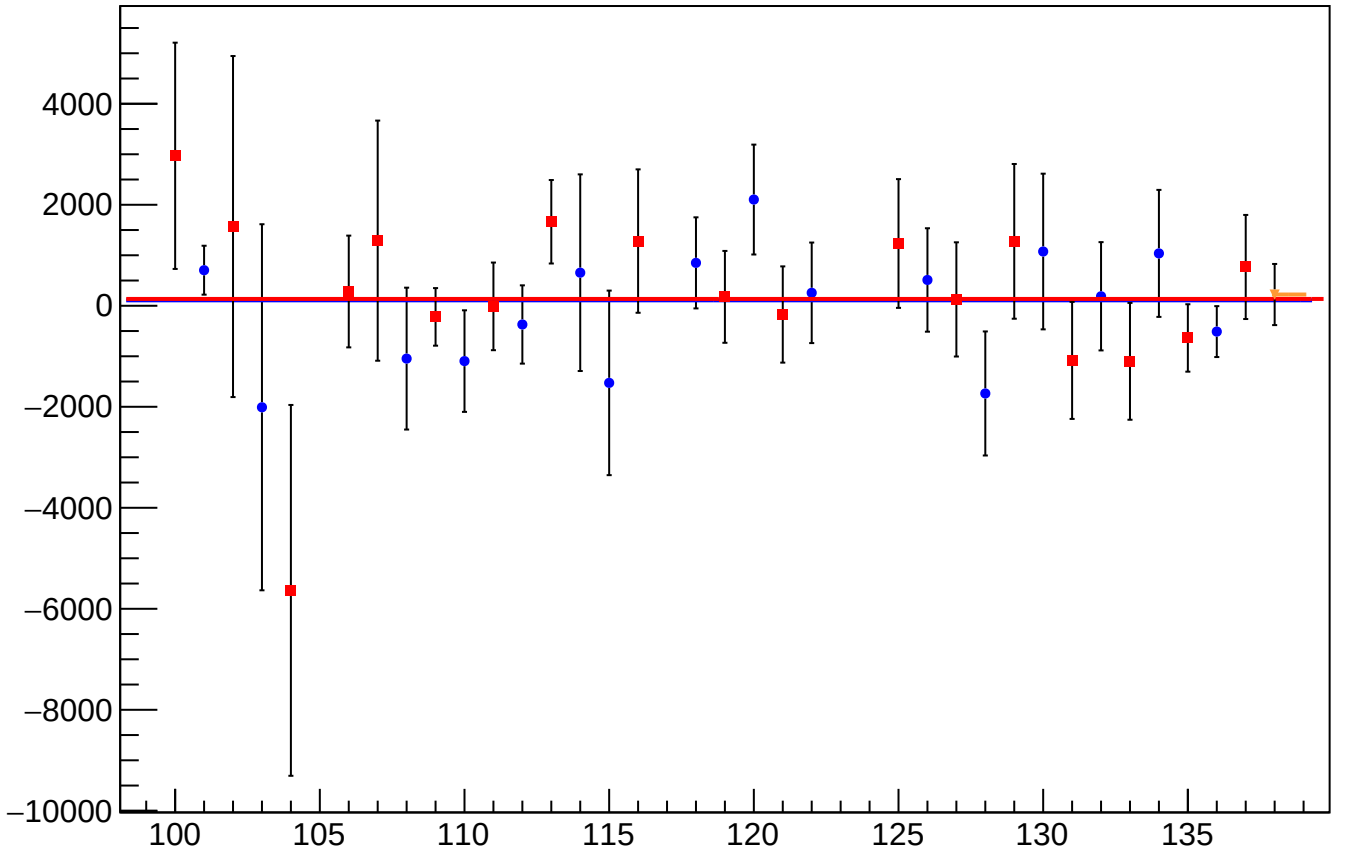
Right Out: 1919.164+/-0.513 χ^2/NDF: 352567.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1867.652+/-0.477 χ^2/NDF: 701966.5/16

All: 1891.514+/-0.349 χ^2/NDF: 1059941.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 108.131+/-231.711 χ^2/NDF: 14.2/15

Left Out: 222.748+/-605.370 χ^2/NDF:0.0/0

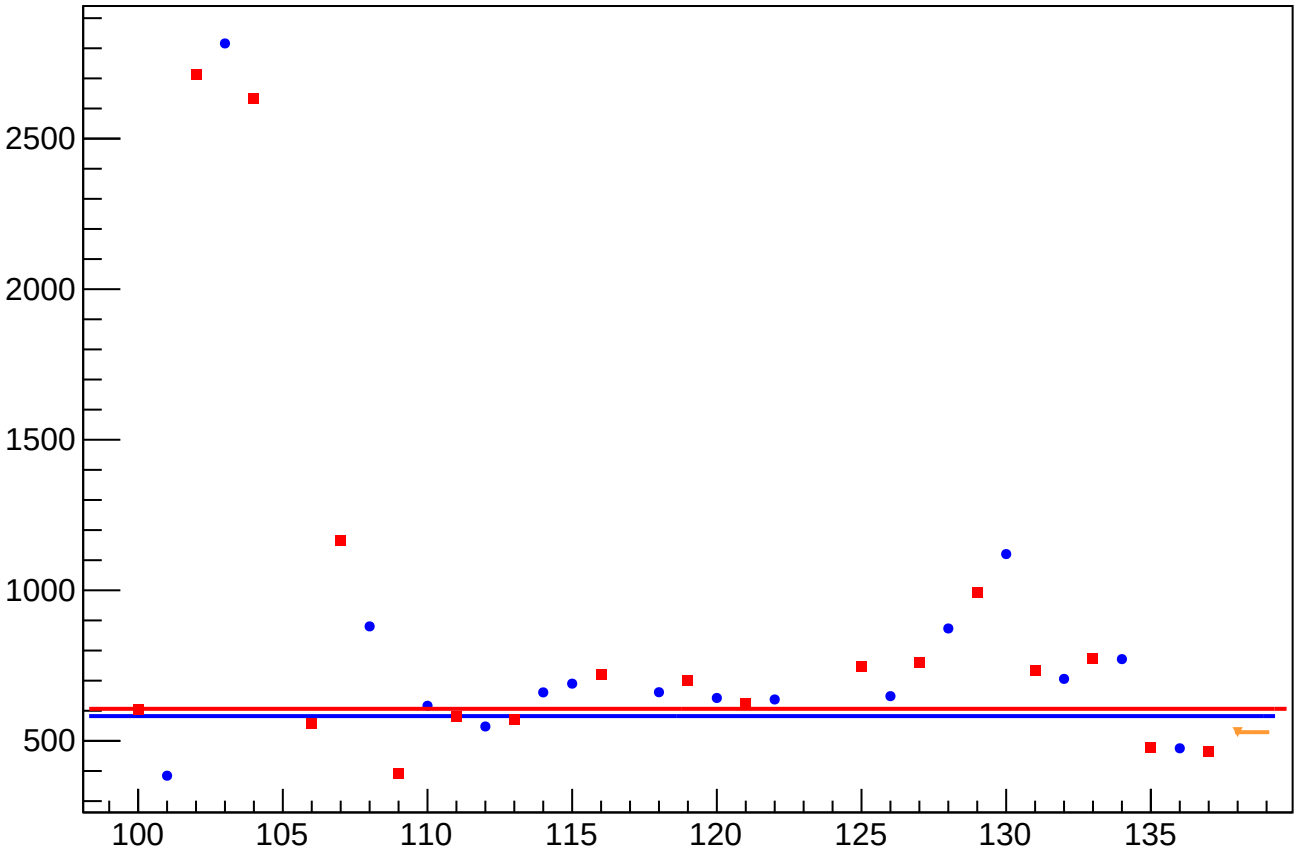
Right Out: 135.358+/-245.933 χ^2/NDF: 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 122.778+/-216.401 χ^2/NDF: 14.2/16

All: 128.267+/-162.462 χ^2/NDF: 28.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 582.270+/-0.164 χ^2/NDF: 1754301.3/15

Left Out: 528.900+/-0.428 χ^2/NDF:0.0/0

Right Out: 606.451+/-0.174 χ^2/NDF: 2198399.5/17

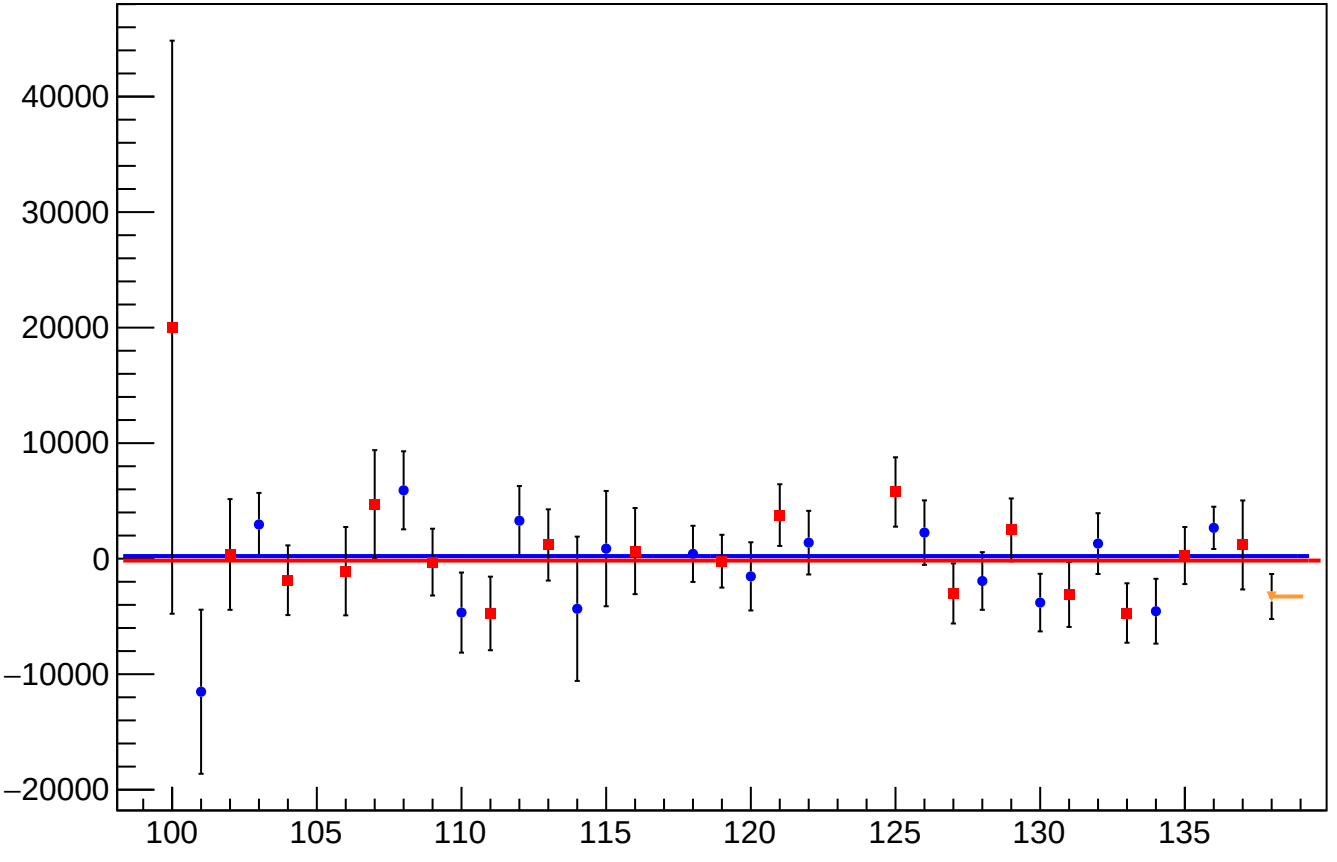
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 575.450+/-0.153 χ^2/NDF: 1767859.9/16

All: 588.978+/-0.115 χ^2/NDF: 3984170.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 226.227+/-718.556 χ^2/NDF: 19.4/15

Left Out: -3274.818+/-1950.223 χ^2/NDF:0.0/0

Right Out: -163.711+/-725.798 χ^2/NDF: 17.0/17

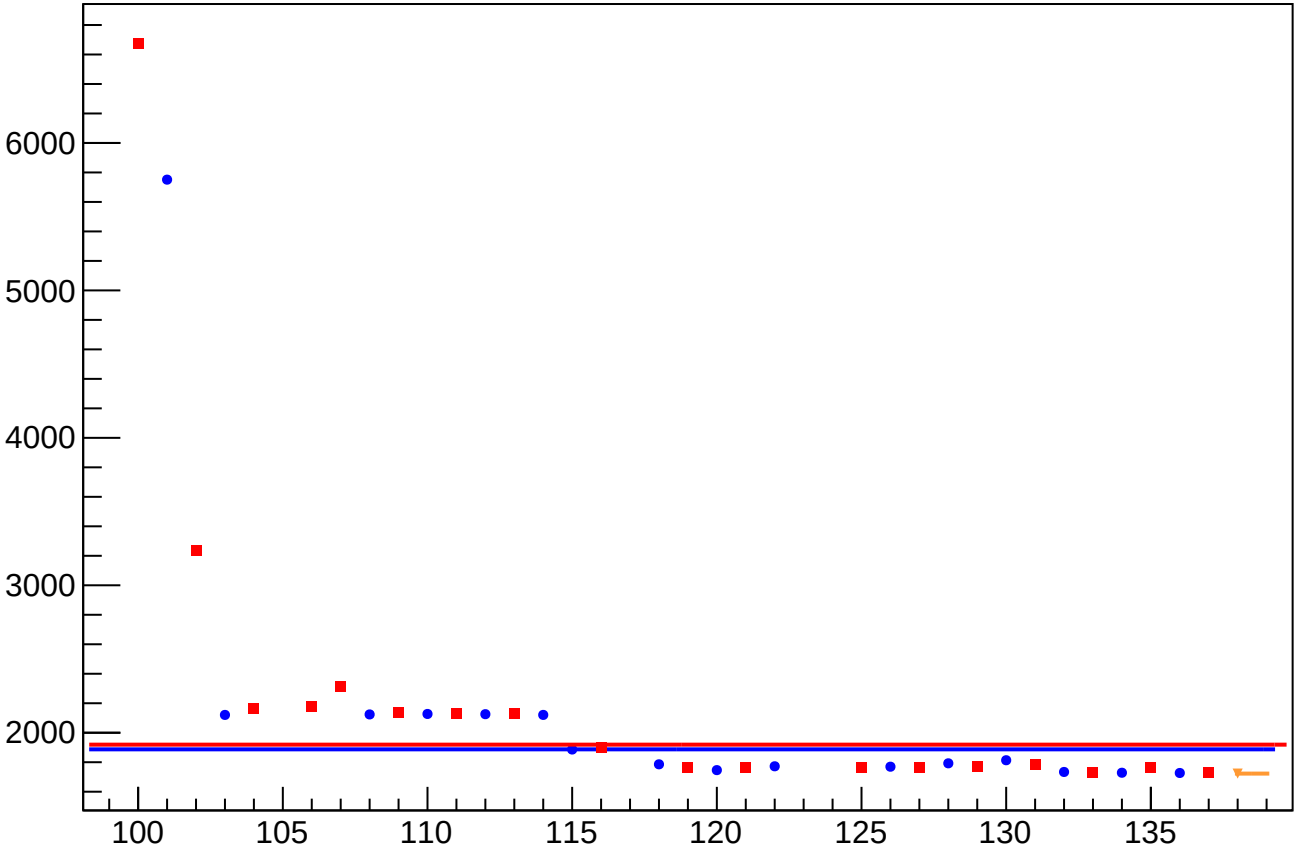
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -192.244+/-674.246 χ^2/NDF: 22.3/16

All: -179.027+/-493.984 χ^2/NDF: 39.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1887.310+/-0.508 χ^2/NDF: 689442.4/15

Left Out: 1722.842+/-1.379 χ^2/NDF:0.0/0

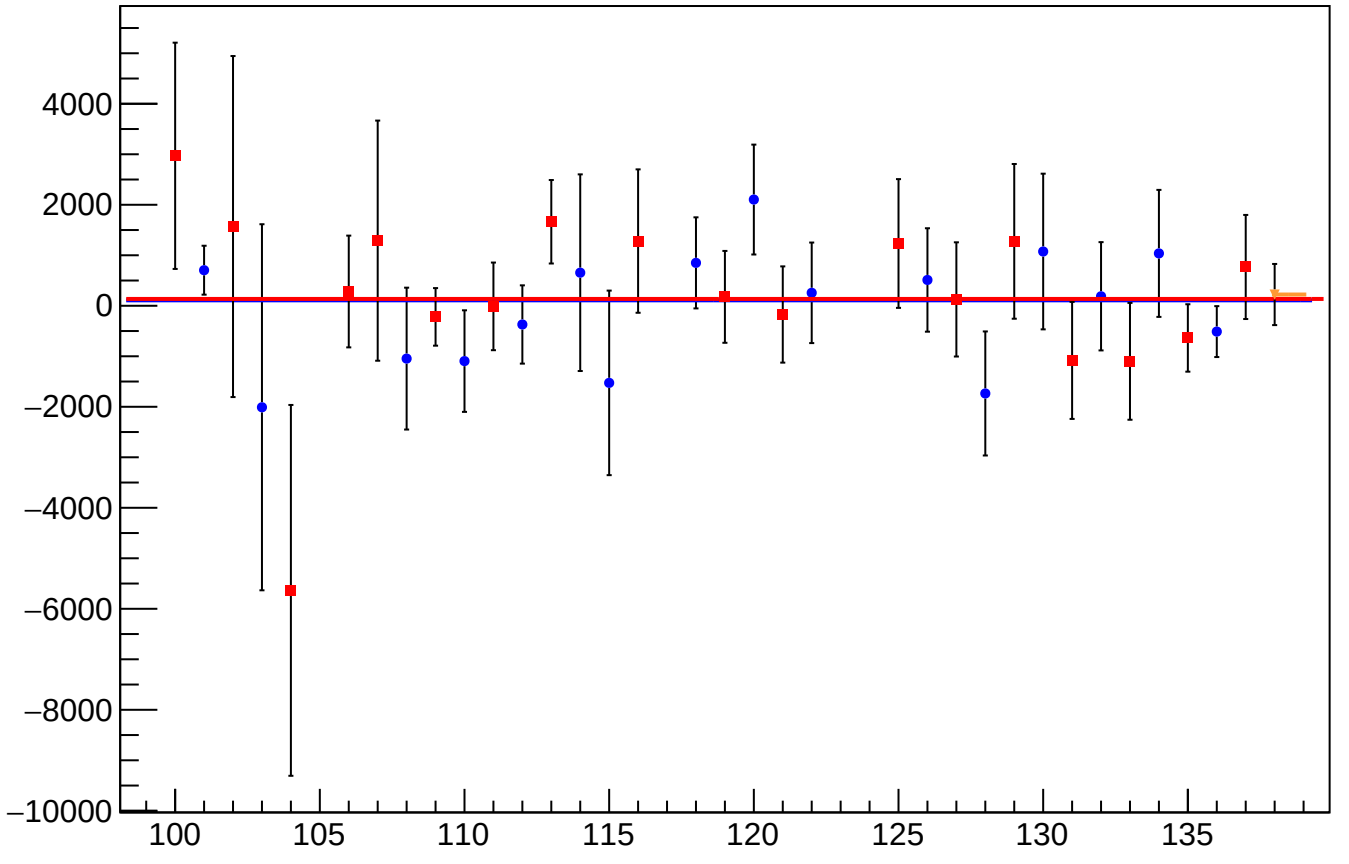
Right Out: 1919.164+/-0.513 χ^2/NDF: 352566.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1867.651+/-0.477 χ^2/NDF: 701966.3/16

All: 1891.514+/-0.349 χ^2/NDF: 1059940.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 108.128+/-231.710 χ^2/NDF: 14.2/15

Left Out: 222.752+/-605.373 χ^2/NDF:0.0/0

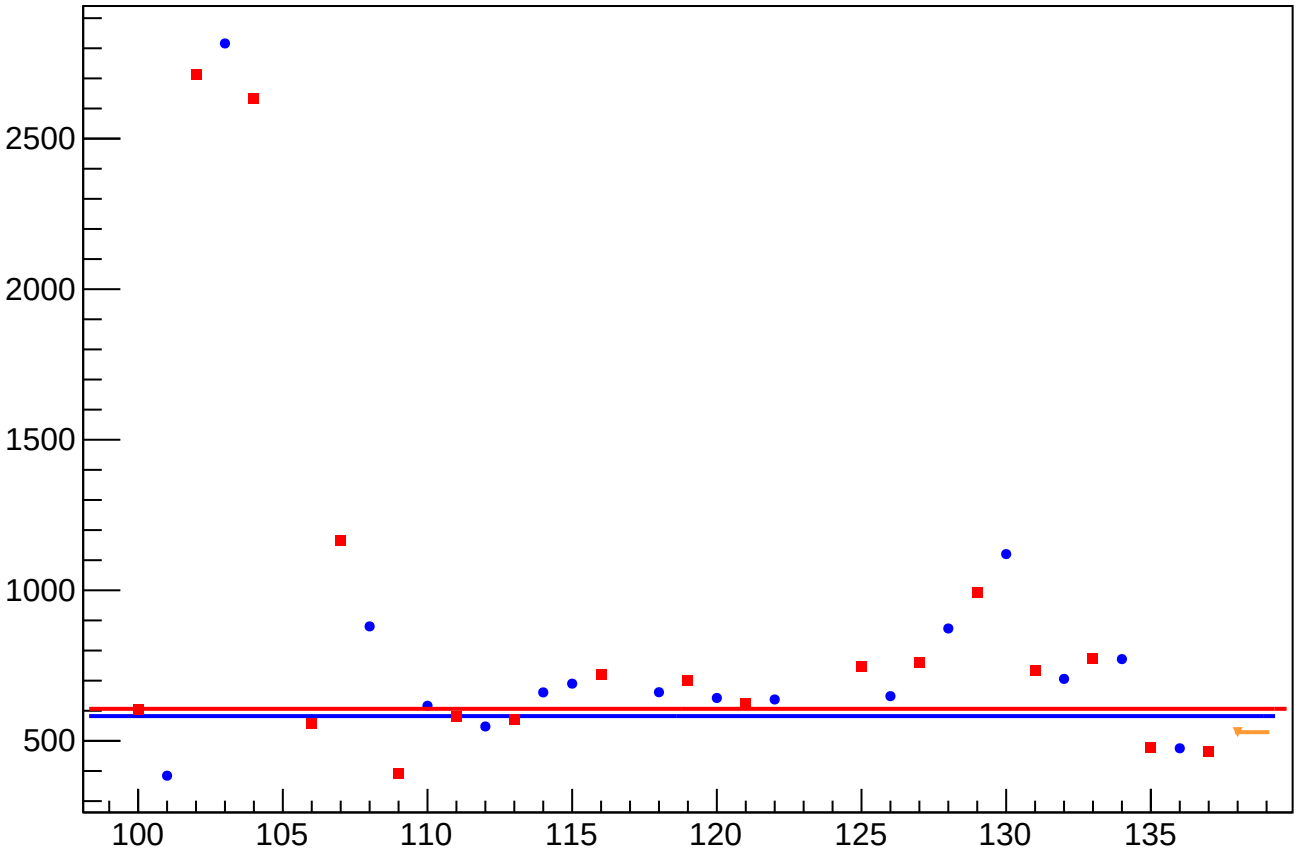
Right Out: 135.356+/-245.932 χ^2/NDF: 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 122.775+/-216.400 χ^2/NDF: 14.2/16

All: 128.265+/-162.461 χ^2/NDF: 28.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 582.268+/-0.164 χ^2/NDF: 1754289.3/15

Left Out: 528.903+/-0.428 χ^2/NDF:0.0/0

Right Out: 606.447+/-0.174 χ^2/NDF: 2198414.3/17

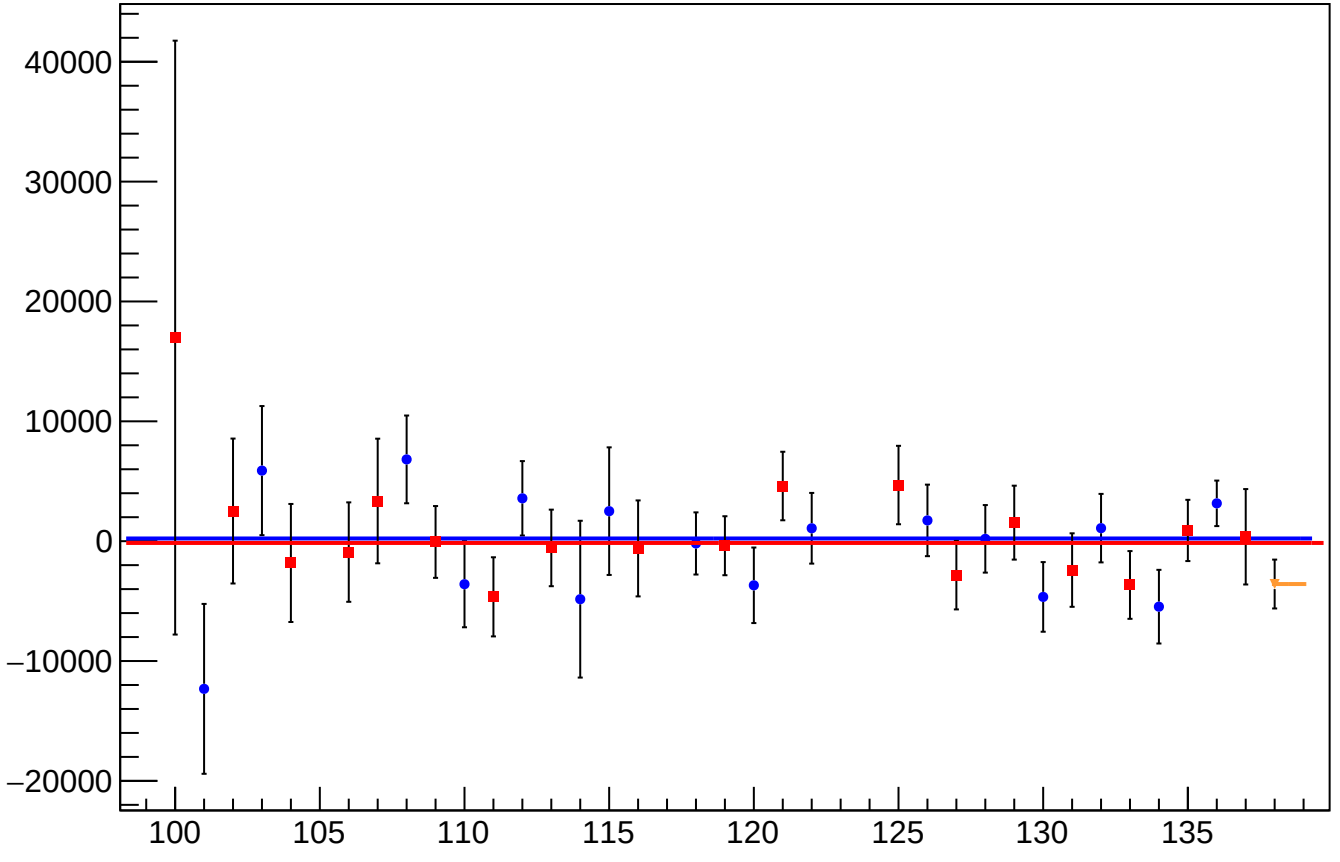
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 575.449+/-0.153 χ^2/NDF: 1767845.3/16

All: 588.976+/-0.115 χ^2/NDF: 3984167.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 224.521+/-791.678 χ^2/NDF: 21.2/15

Left Out: -3576.519+/-2038.687 χ^2/NDF:0.0/0

Right Out: -147.974+/-794.180 χ^2/NDF: 11.6/17

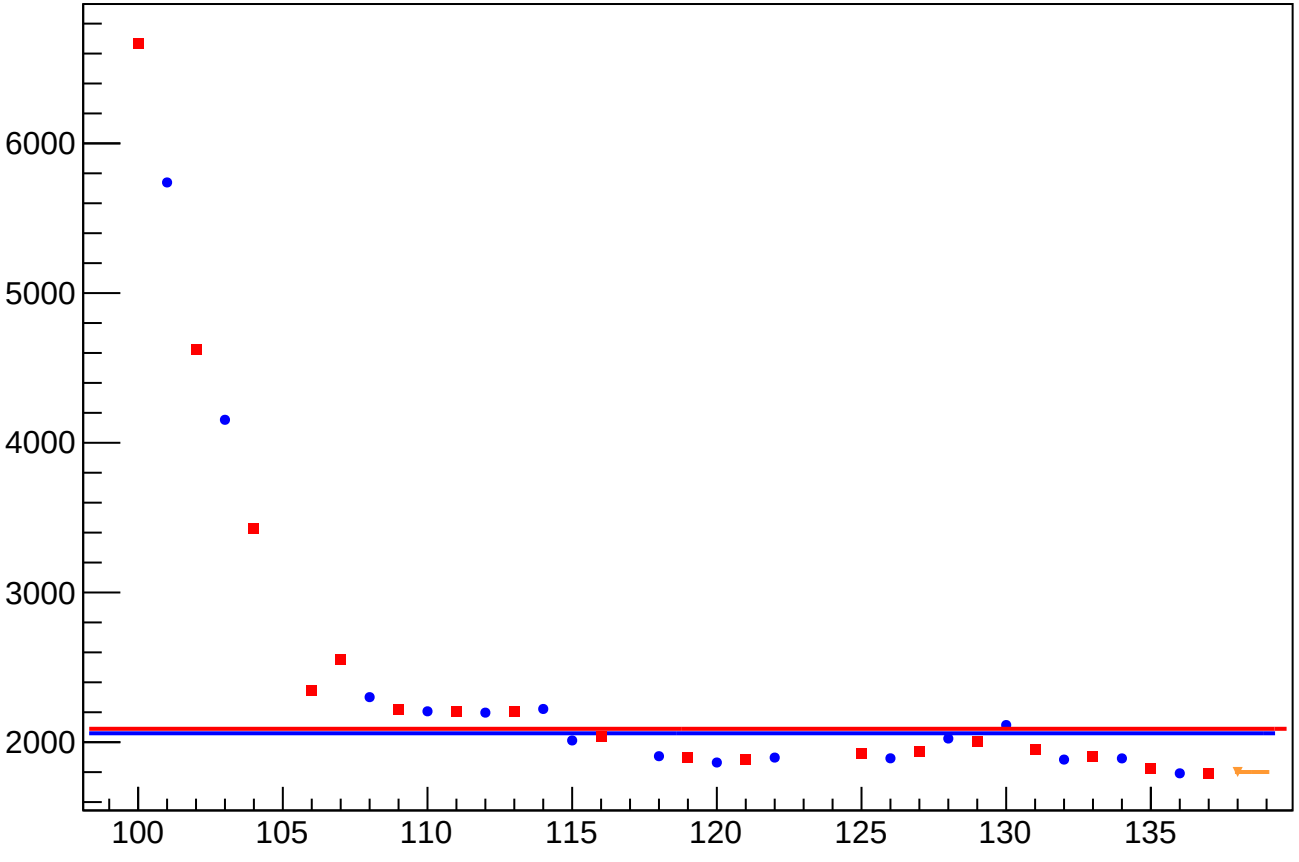
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -273.559+/-737.987 χ^2/NDF: 24.2/16

All: -215.366+/-540.611 χ^2/NDF: 35.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2059.496+/-0.560 χ^2/NDF: 939873.6/15

Left Out: 1800.878+/-1.442 χ^2/NDF:0.0/0

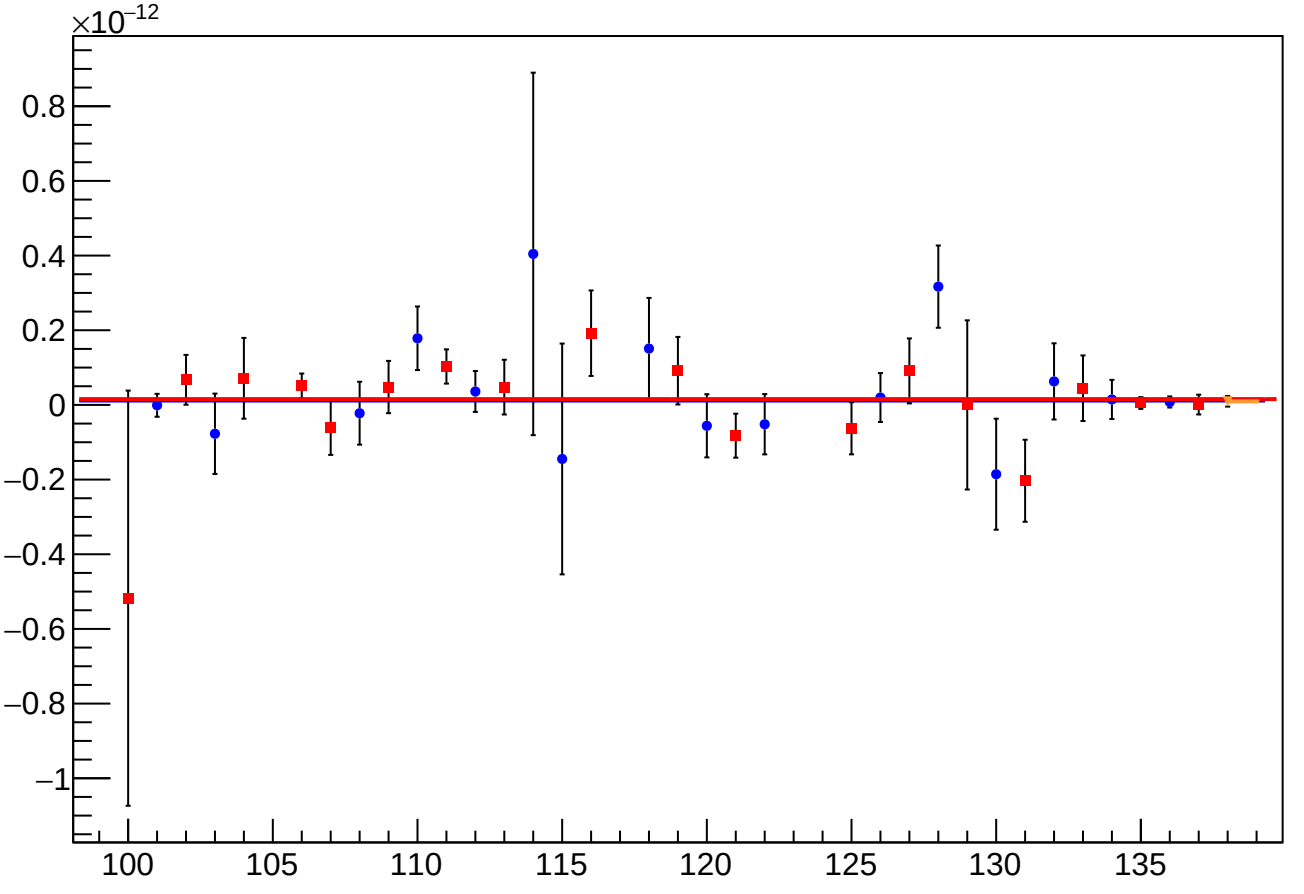
Right Out: 2089.476+/-0.562 χ^2/NDF: 681465.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2025.607+/-0.522 χ^2/NDF: 967840.8/16

All: 2055.203+/-0.382 χ^2/NDF: 1656248.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

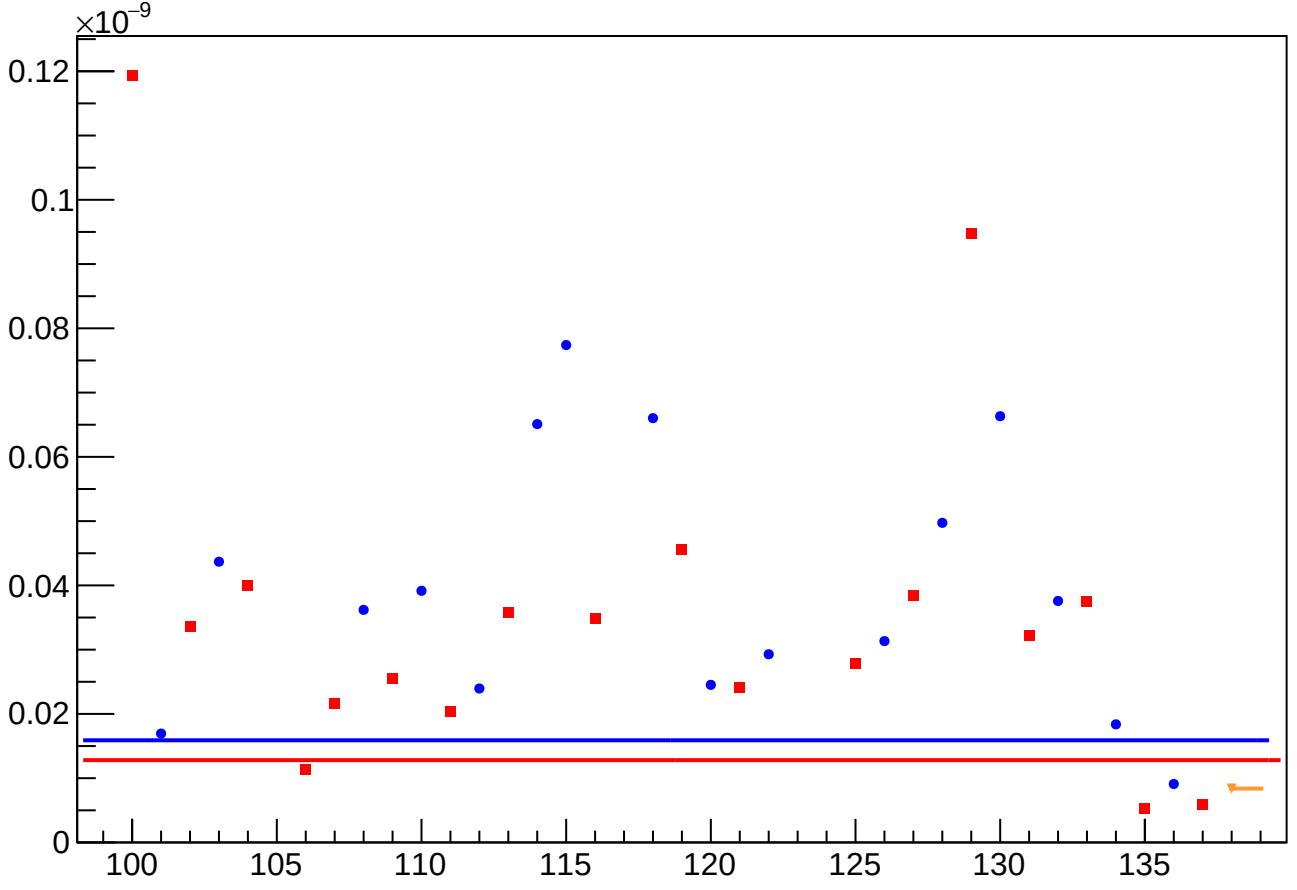
Right Out: 0.000+/-0.000 χ^2/NDF: 20.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.1/16

All: 0.000+/-0.000 χ^2/NDF: 38.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1935582.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

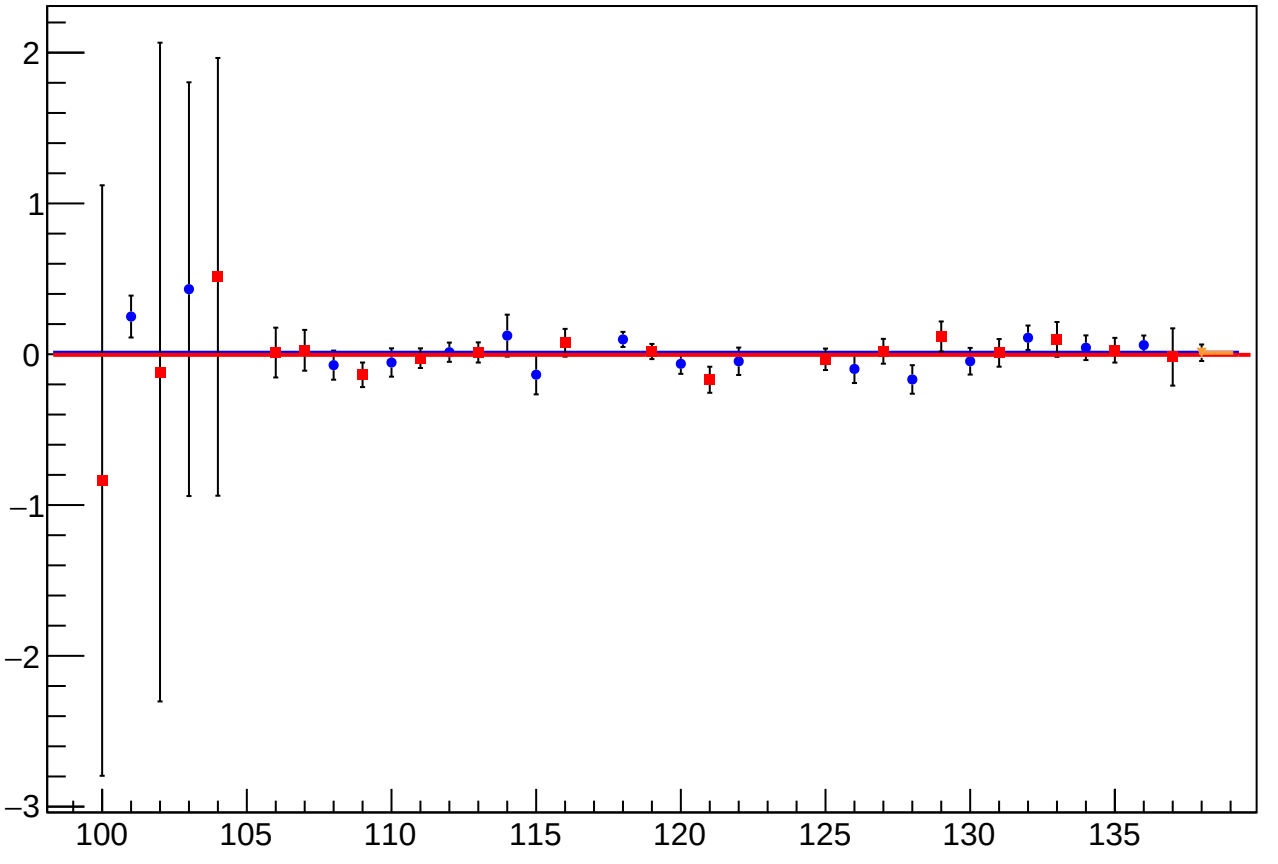
Right Out: 0.000+/-0.000 χ^2/NDF: 2486058.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2272274.4/16

All: 0.000+/-0.000 χ^2/NDF: 4758410.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.010+/-0.021 χ^2/NDF: 18.4/15

Left Out: 0.010+/-0.055 χ^2/NDF:0.0/0

Right Out: -0.004+/-0.021 χ^2/NDF: 10.5/17

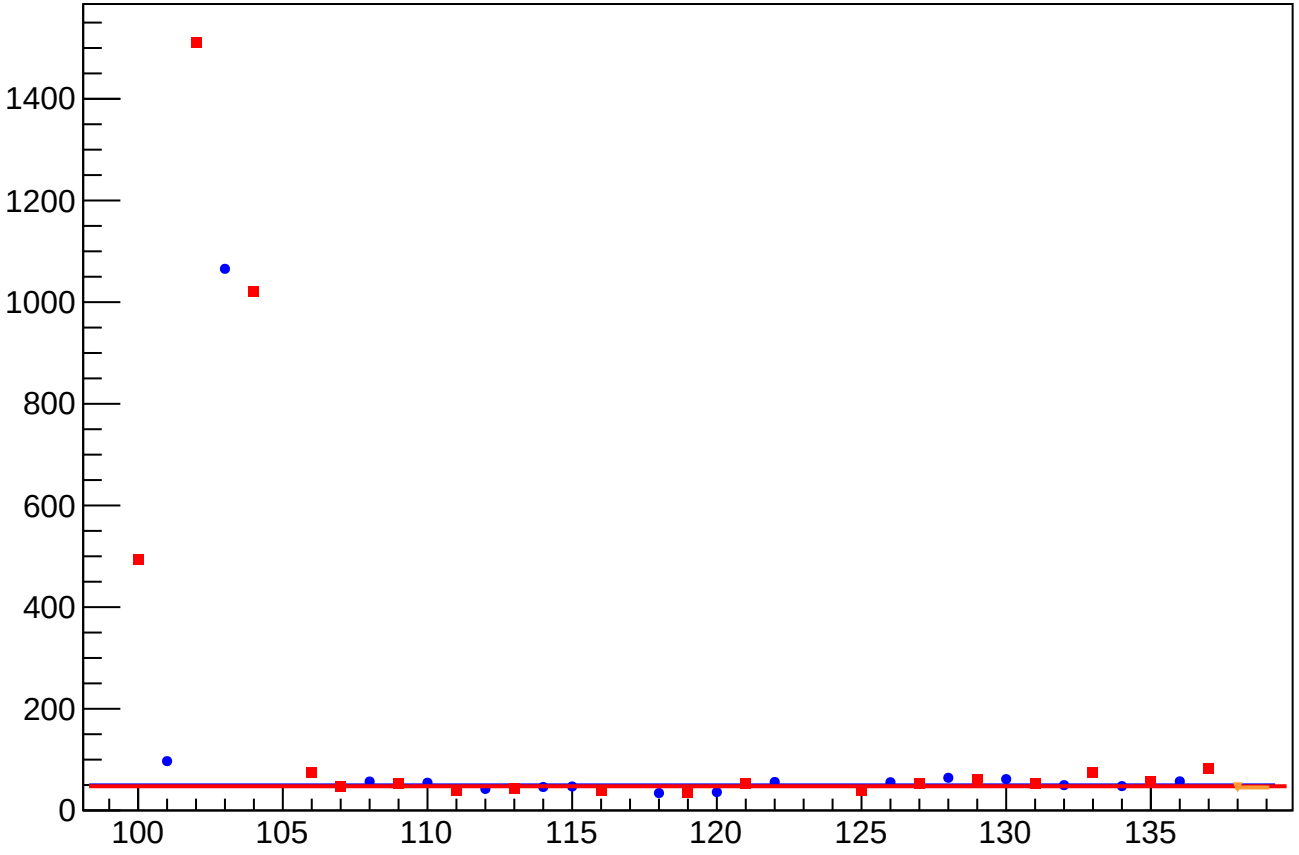
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.020 χ^2/NDF: 18.4/16

All: 0.004+/-0.014 χ^2/NDF: 29.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 49.333+/-0.015 χ^2/NDF: 1776998.3/15

Left Out: 45.282+/-0.039 χ^2/NDF:0.0/0

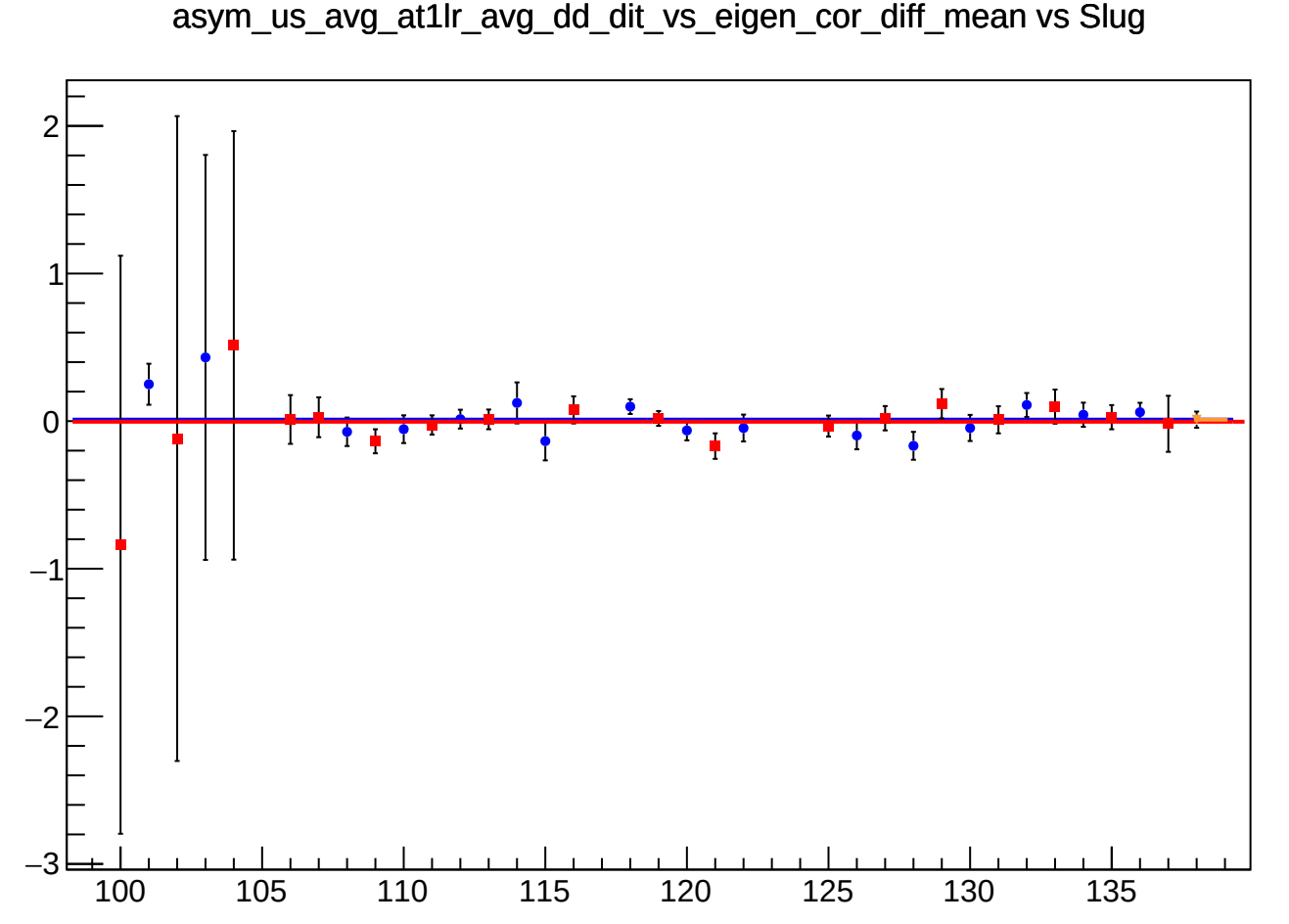
Right Out: 47.599+/-0.015 χ^2/NDF: 2418219.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.816+/-0.014 χ^2/NDF: 1786521.3/16

All: 48.264+/-0.010 χ^2/NDF: 4208249.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.010+/-0.021 χ^2/NDF: 18.4/15

Left Out: 0.010+/-0.055 χ^2/NDF:0.0/0

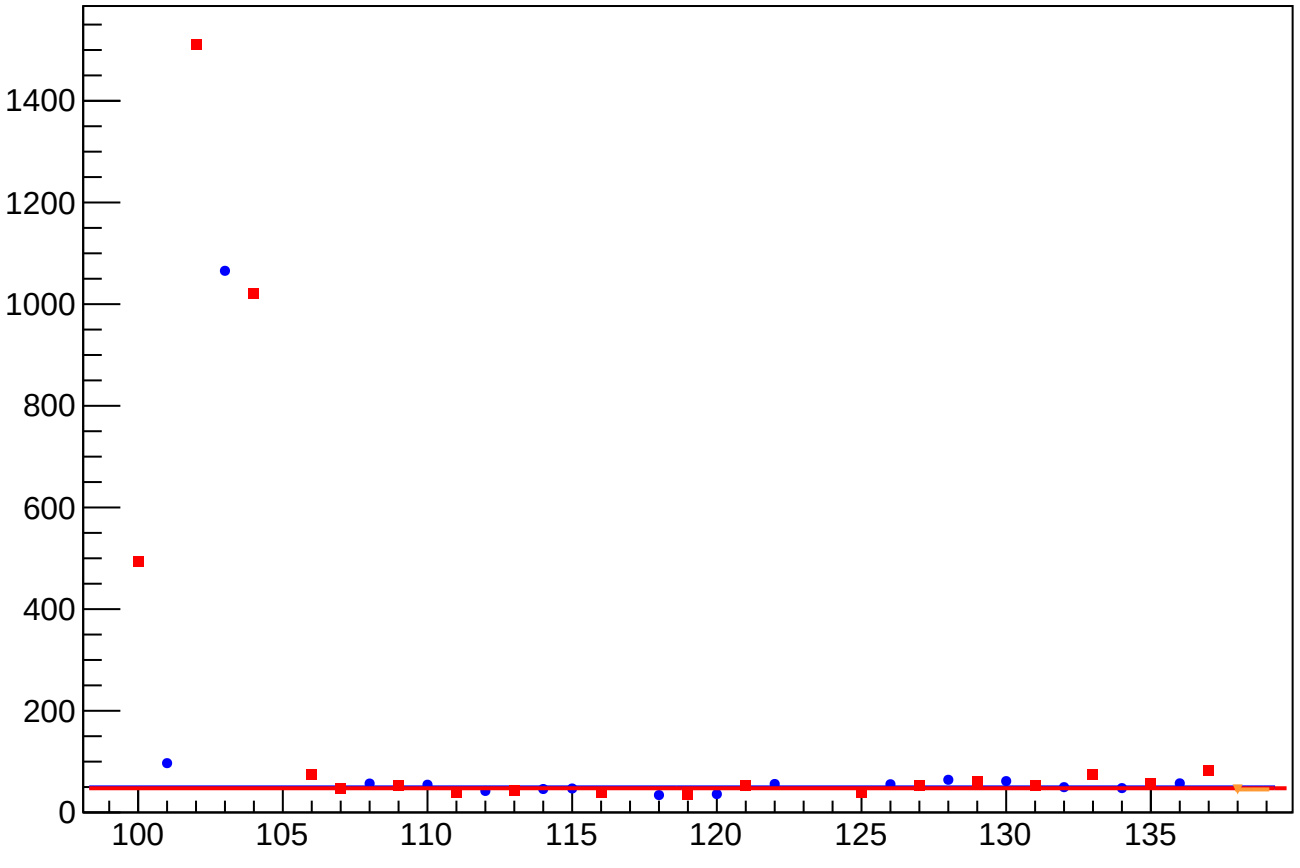
Right Out: -0.004+/-0.021 χ^2/NDF: 10.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.010+/-0.020 χ^2/NDF: 18.4/16

All: 0.004+/-0.014 χ^2/NDF: 29.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 49.333+/-0.015 χ^2/NDF: 1776998.3/15

Left Out: 45.282+/-0.039 χ^2/NDF:0.0/0

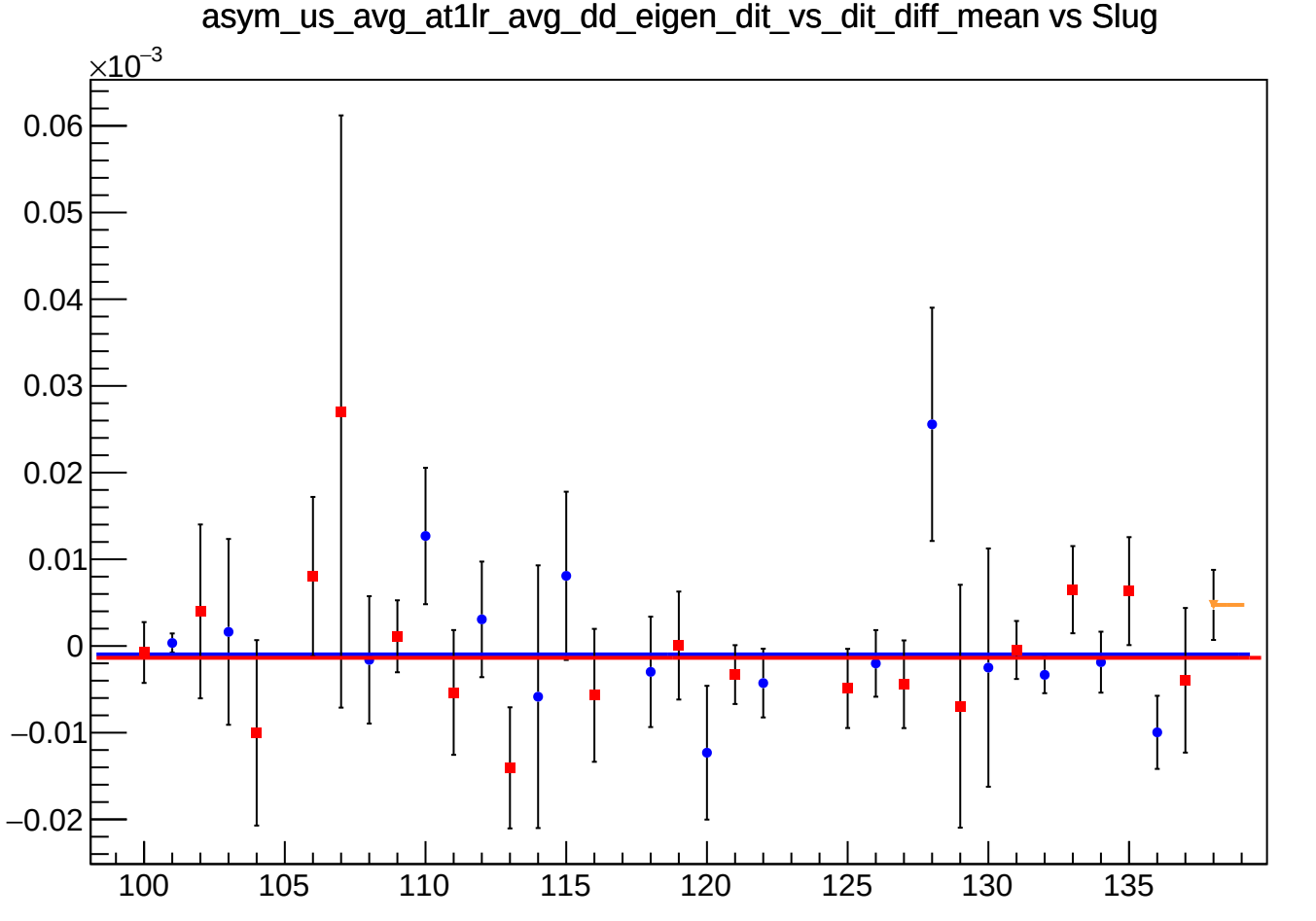
Right Out: 47.599+/-0.015 χ^2/NDF: 2418219.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.816+/-0.014 χ^2/NDF: 1786521.3/16

All: 48.264+/-0.010 χ^2/NDF: 4208249.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 18.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

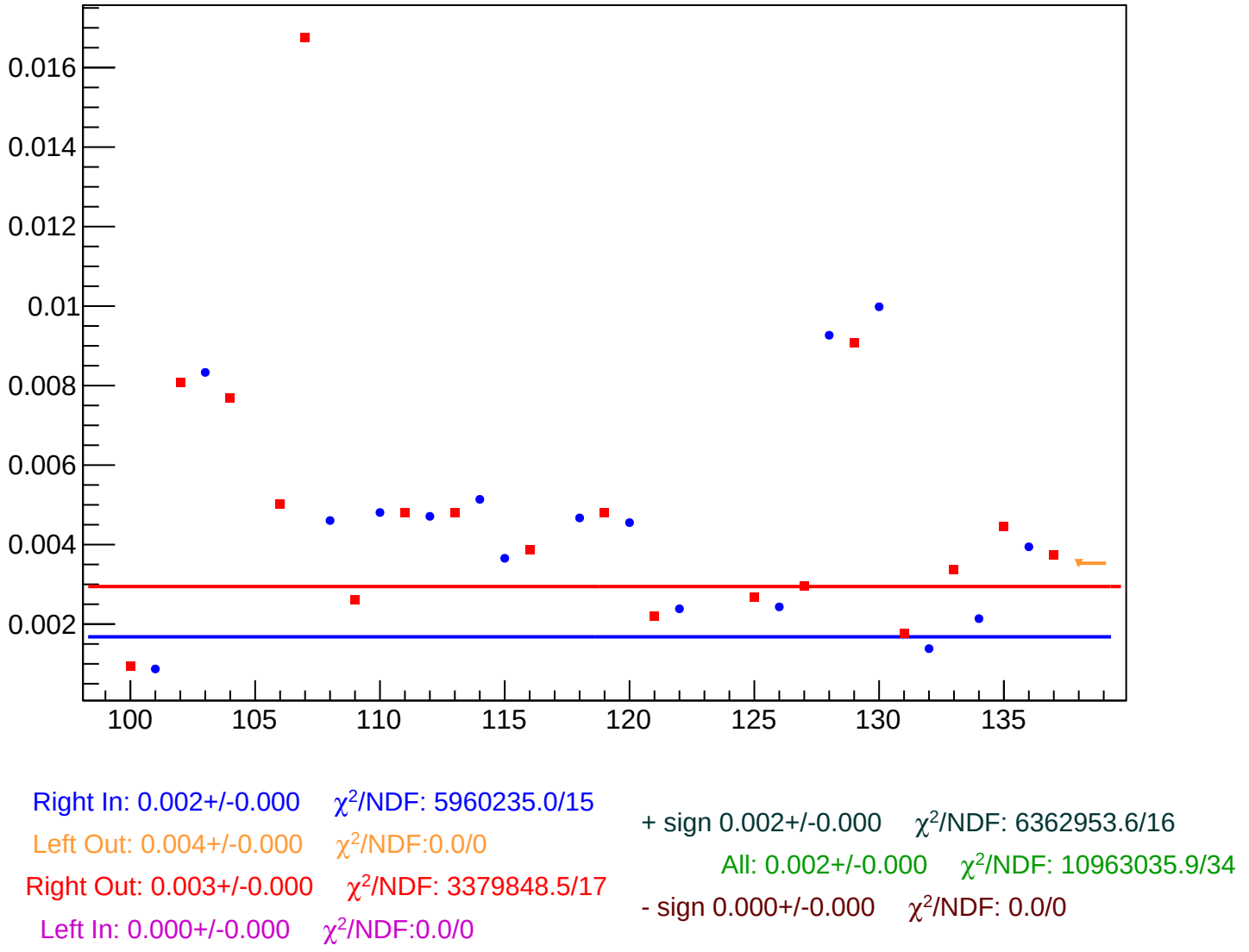
Right Out: -0.000+/-0.000 χ^2/NDF: 12.6/17

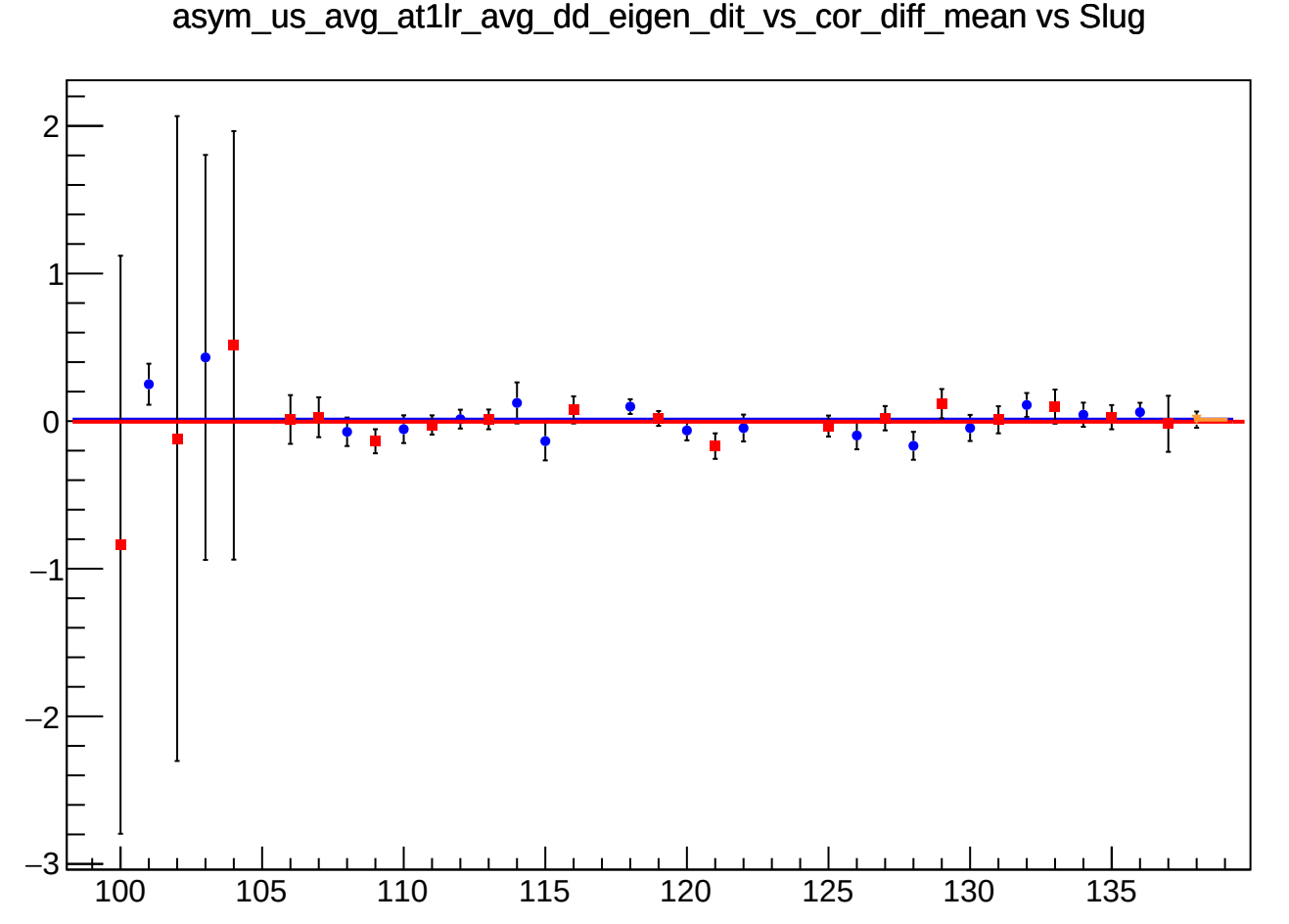
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 20.6/16

All: -0.000+/-0.000 χ^2/NDF: 33.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 5960235.0/15
Left Out: 0.004+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 3379848.5/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 6362953.6/16
All: 0.002+/-0.000 χ²/NDF: 10963035.9/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.010+/-0.021 χ^2/NDF: 18.4/15

Left Out: 0.010+/-0.055 χ^2/NDF:0.0/0

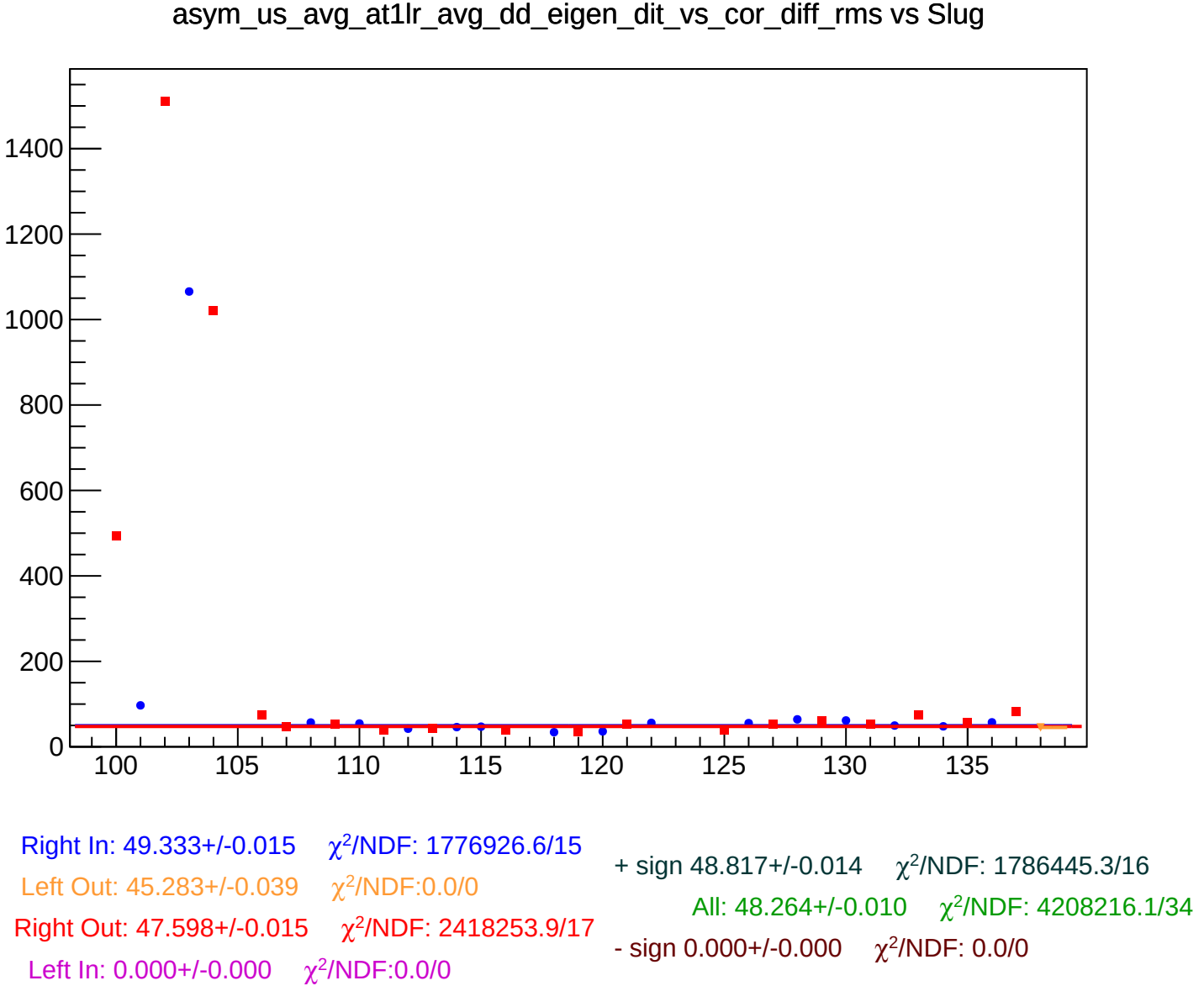
Right Out: -0.004+/-0.021 χ^2/NDF: 10.5/17

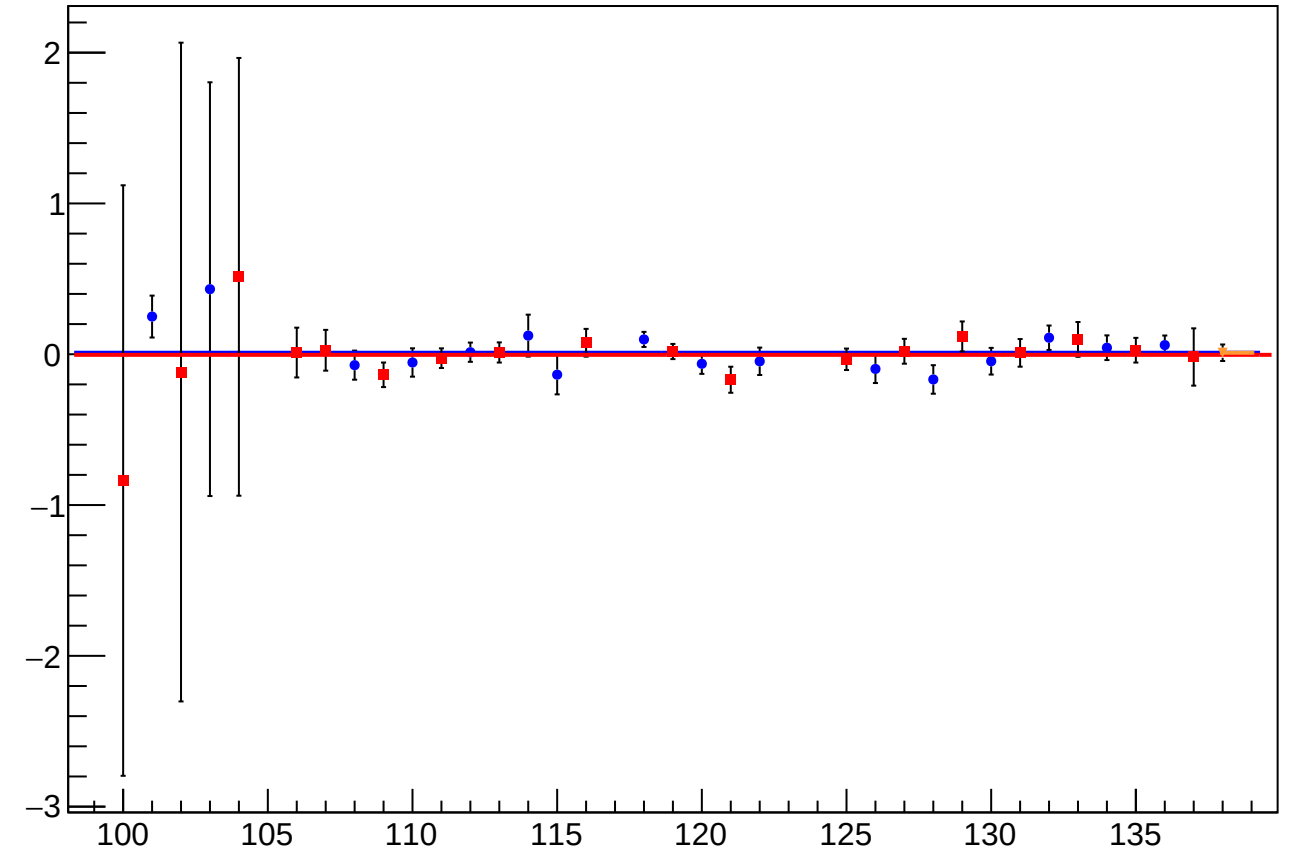
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.020 χ^2/NDF: 18.4/16

All: 0.004+/-0.014 χ^2/NDF: 29.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug
1400
1200
1000
800
600
400
200
0
100
105
110
115
120
125
130
135
Right In: 49.333+/-0.015 χ²/NDF: 1776926.6/15
Left Out: 45.283+/-0.039 χ²/NDF:0.0/0
Right Out: 47.598+/-0.015 χ²/NDF: 2418253.9/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 48.817+/-0.014 χ²/NDF: 1786445.3/16
All: 48.264+/-0.010 χ²/NDF: 4208216.1/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.010+/-0.021 χ^2/NDF: 18.4/15

Left Out: 0.010+/-0.055 χ^2/NDF:0.0/0

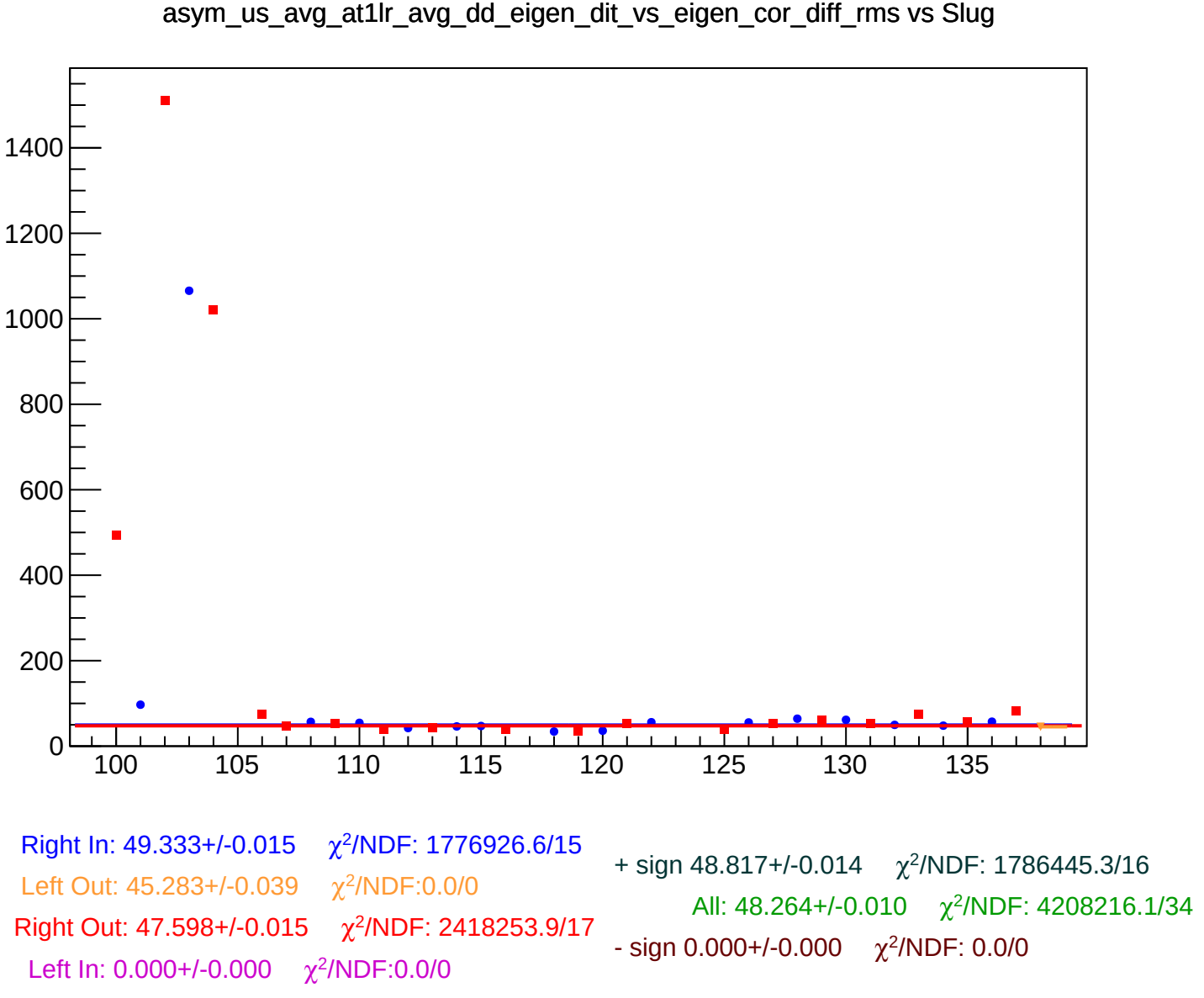
Right Out: -0.004+/-0.021 χ^2/NDF: 10.5/17

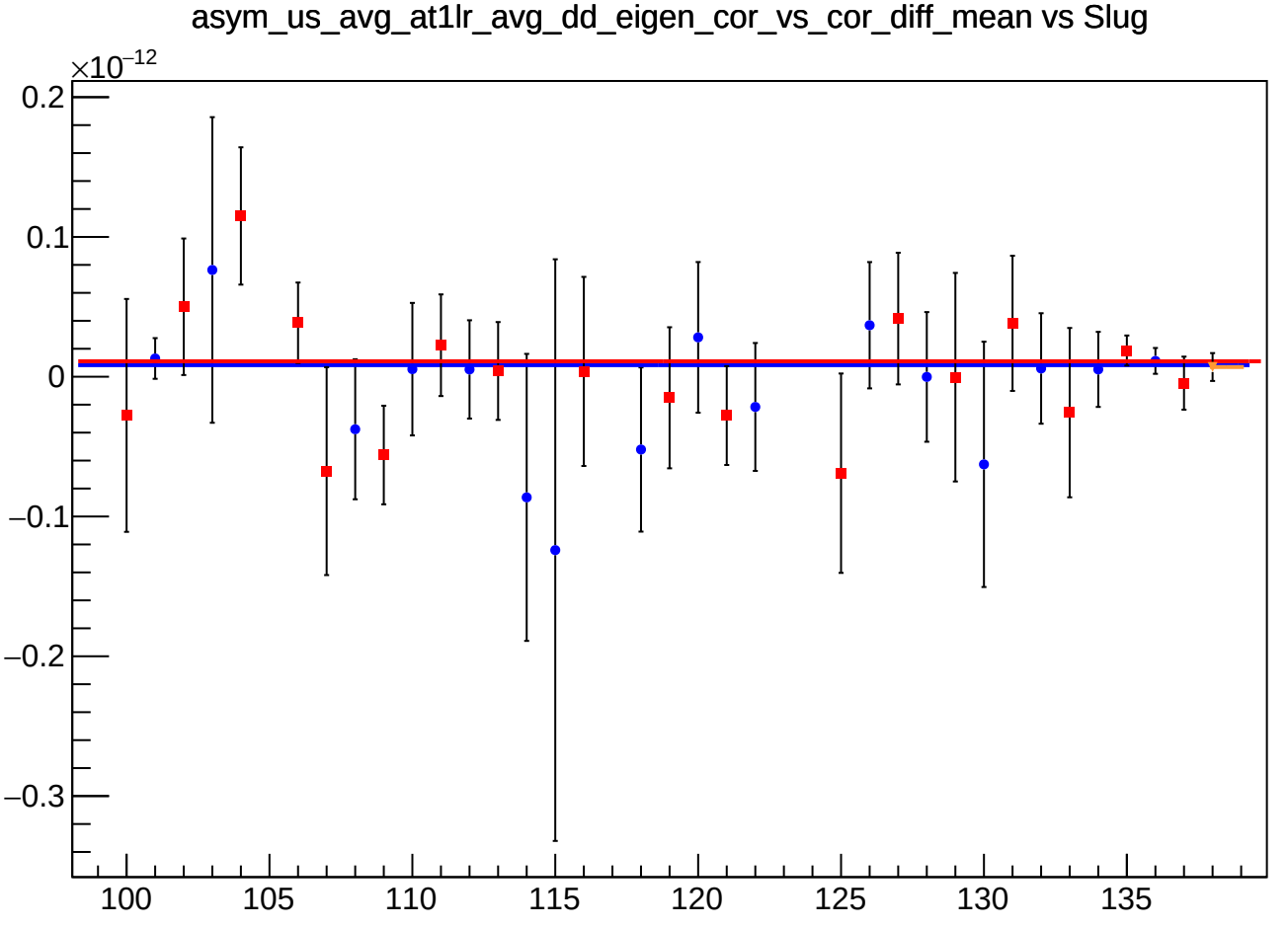
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

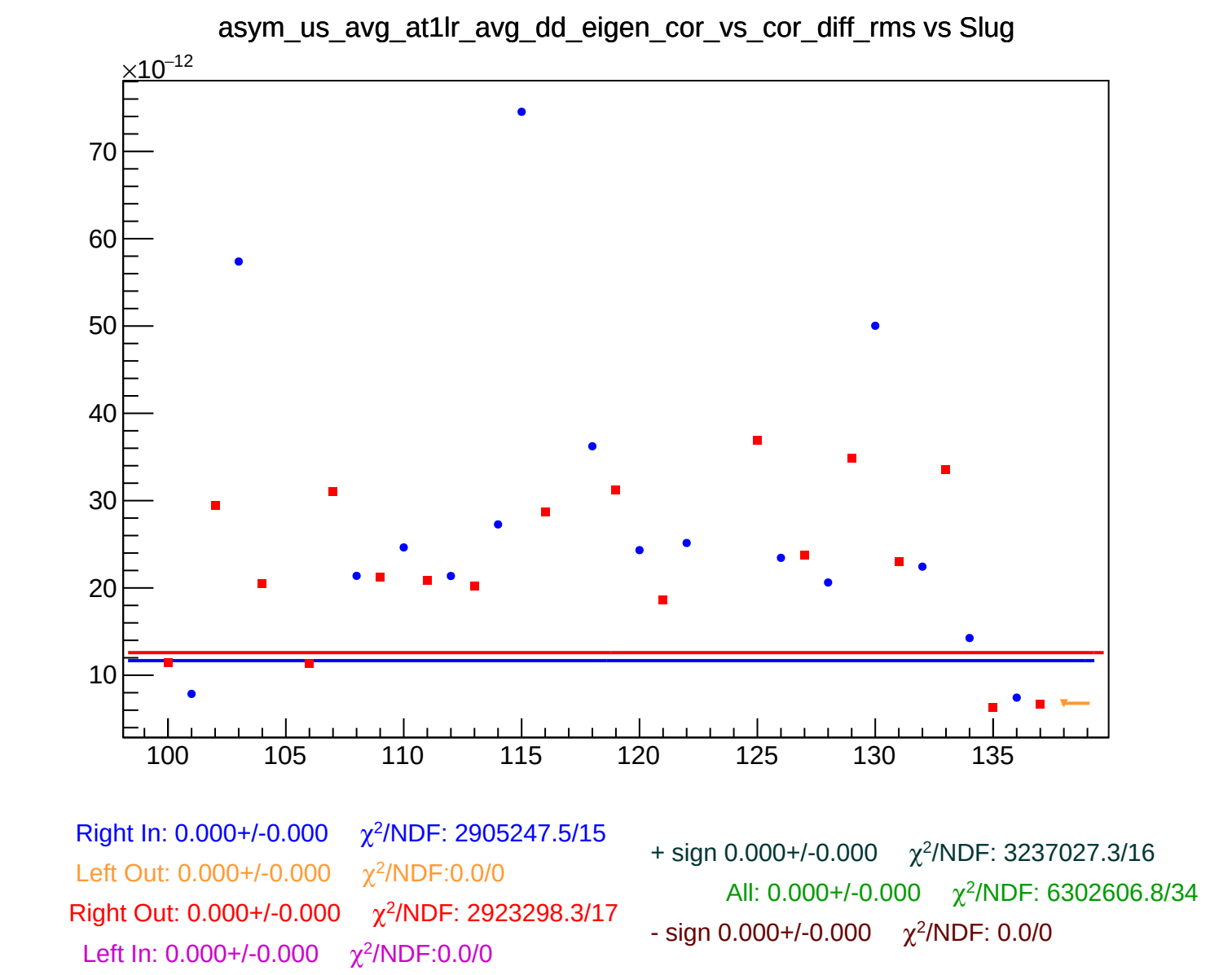
+ sign 0.010+/-0.020 χ^2/NDF: 18.4/16

All: 0.004+/-0.014 χ^2/NDF: 29.2/34

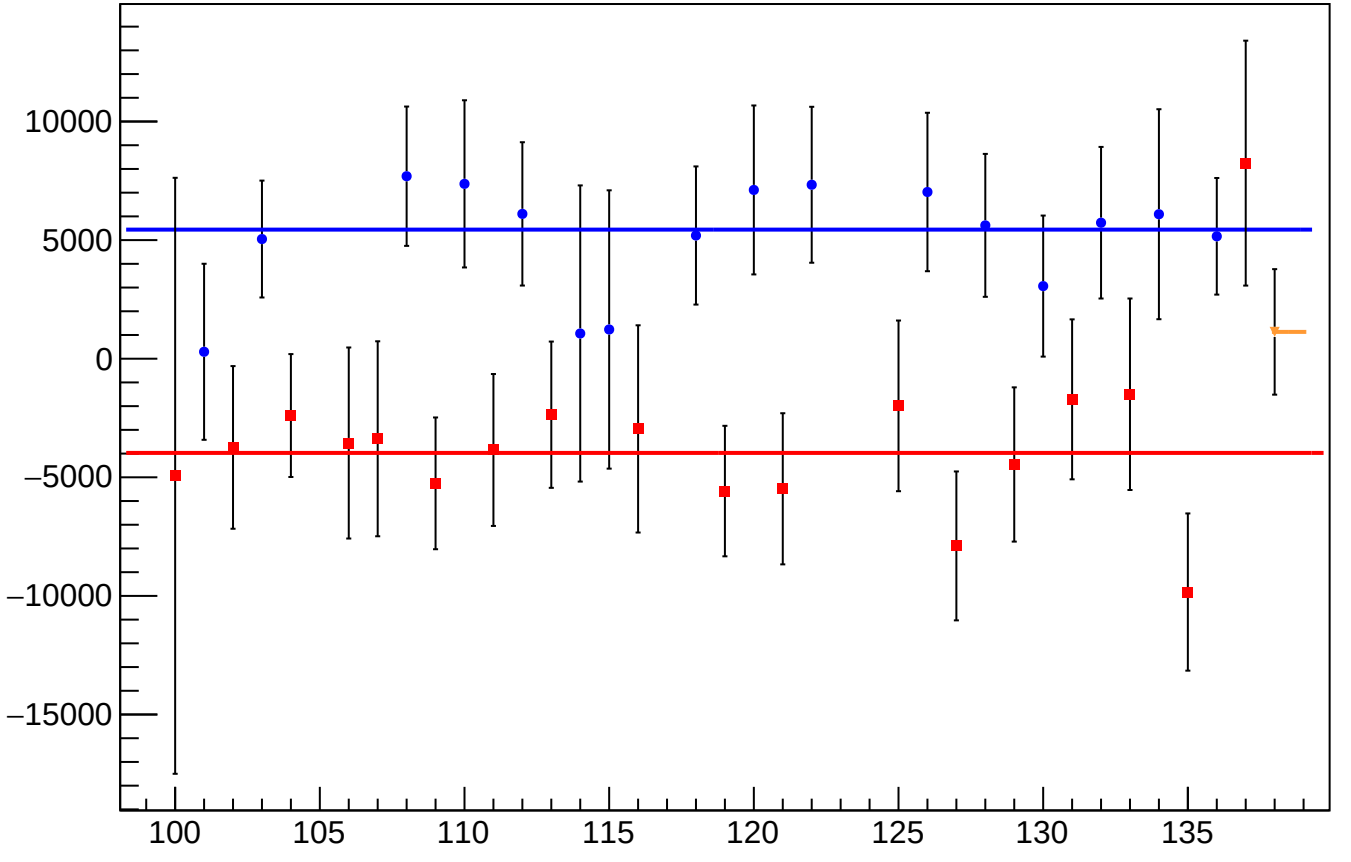
- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug
1400
1200
1000
800
600
400
200
0
100
105
110
115
120
125
130
135
Right In: 49.333+/-0.015 χ²/NDF: 1776926.6/15
Left Out: 45.283+/-0.039 χ²/NDF:0.0/0
Right Out: 47.598+/-0.015 χ²/NDF: 2418253.9/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 48.817+/-0.014 χ²/NDF: 1786445.3/16
All: 48.264+/-0.010 χ²/NDF: 4208216.1/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug
×10^−12
0.2
0.1
0
−0.1
−0.2
−0.3
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 5.4/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 16.2/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 5.4/16
All: 0.000+/-0.000 χ²/NDF: 21.8/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
70
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2905247.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2923298.3/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3237027.3/16
All: 0.000+/-0.000 χ²/NDF: 6302606.8/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5442.336+/-812.534 χ^2/NDF: 5.4/15

Left Out: 1130.265+/-2645.899 χ^2/NDF:0.0/0

Right Out: -3971.728+/-809.023 χ^2/NDF: 13.0/17

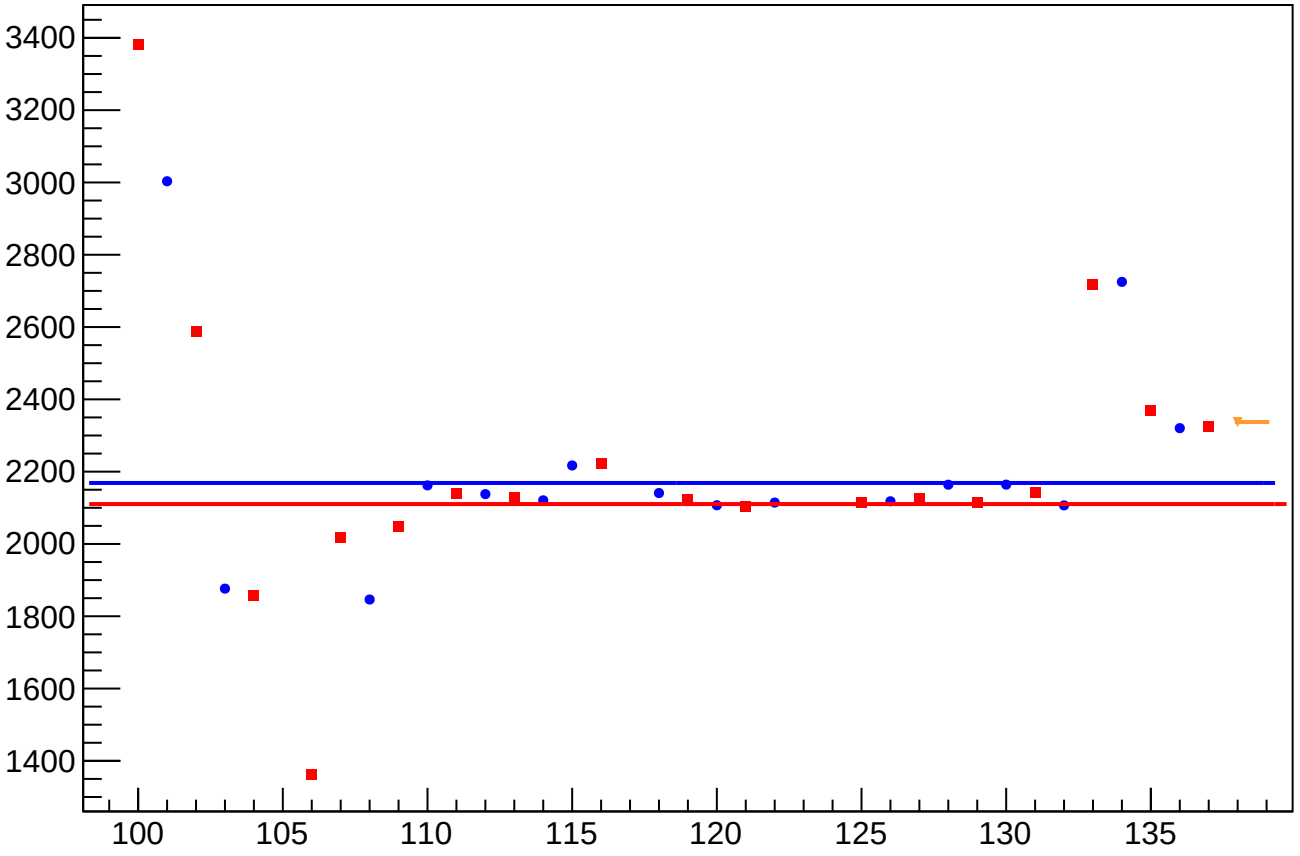
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5070.730+/-776.734 χ^2/NDF: 7.8/16

All: 733.550+/-560.301 χ^2/NDF: 85.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2168.715+/-0.575 χ^2/NDF: 195659.5/15

Left Out: 2337.315+/-1.871 χ^2/NDF:0.0/0

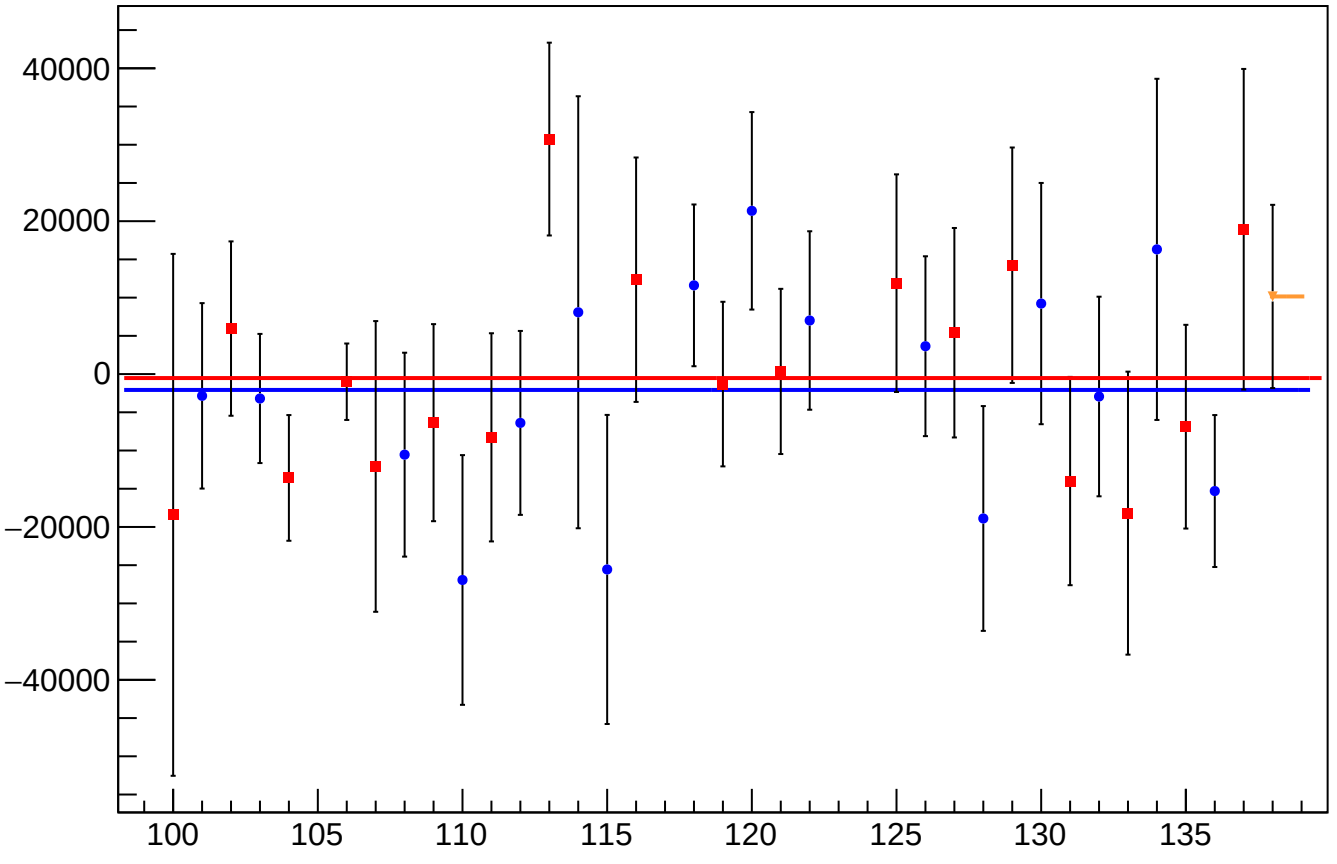
Right Out: 2110.365+/-0.563 χ^2/NDF: 267413.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2183.245+/-0.549 χ^2/NDF: 203080.4/16

All: 2147.706+/-0.393 χ^2/NDF: 479080.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2074.843+/-3212.093 χ^2/NDF: 14.4/15

Left Out: 10153.848+/-11985.522 χ^2/NDF:0.0/0

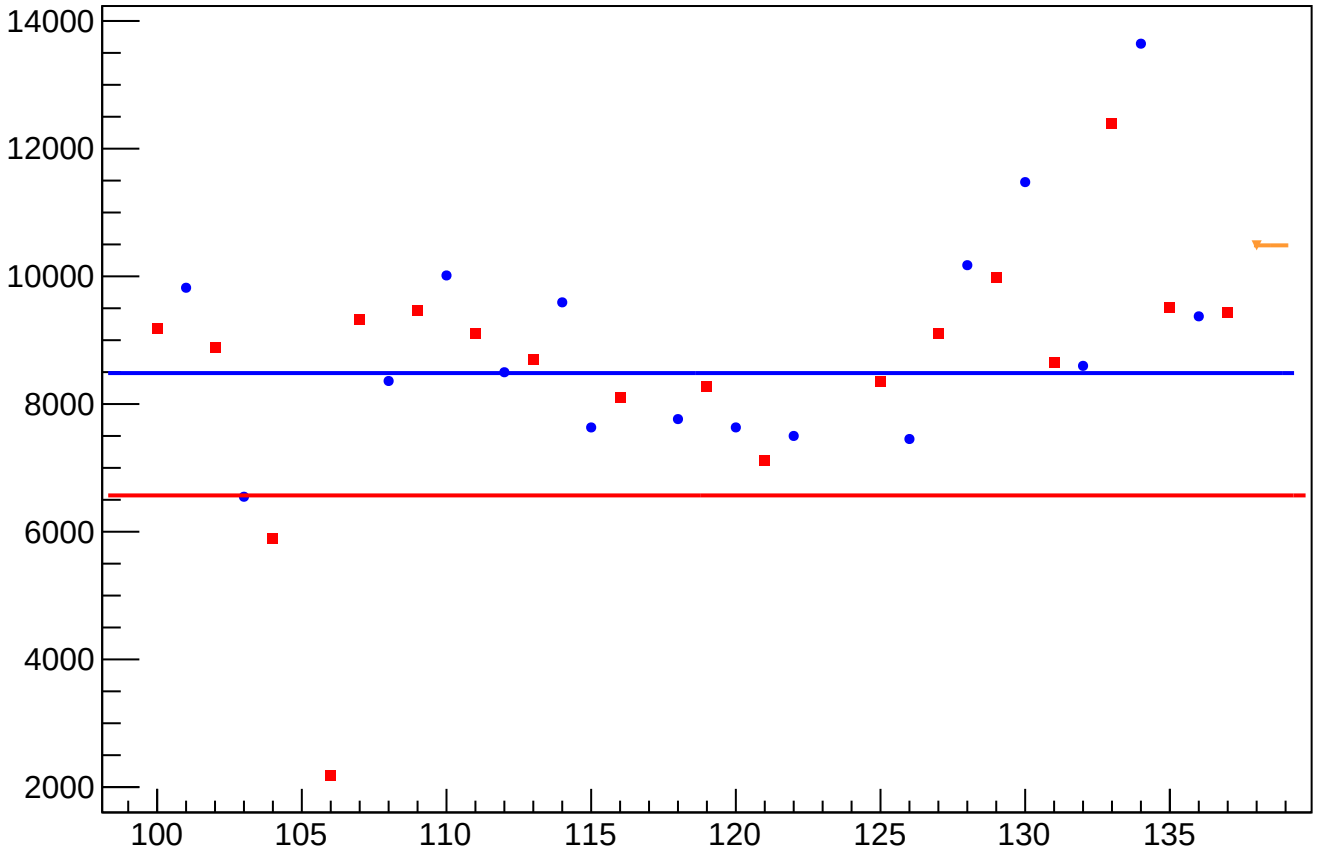
Right Out: -521.454+/-2715.587 χ^2/NDF: 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1255.399+/-3102.605 χ^2/NDF: 15.4/16

All: -839.820+/-2043.424 χ^2/NDF: 31.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8485.000+/-2.271 χ^2/NDF: 422706.1/15

Left Out: 10485.510+/-8.475 χ^2/NDF:0.0/0

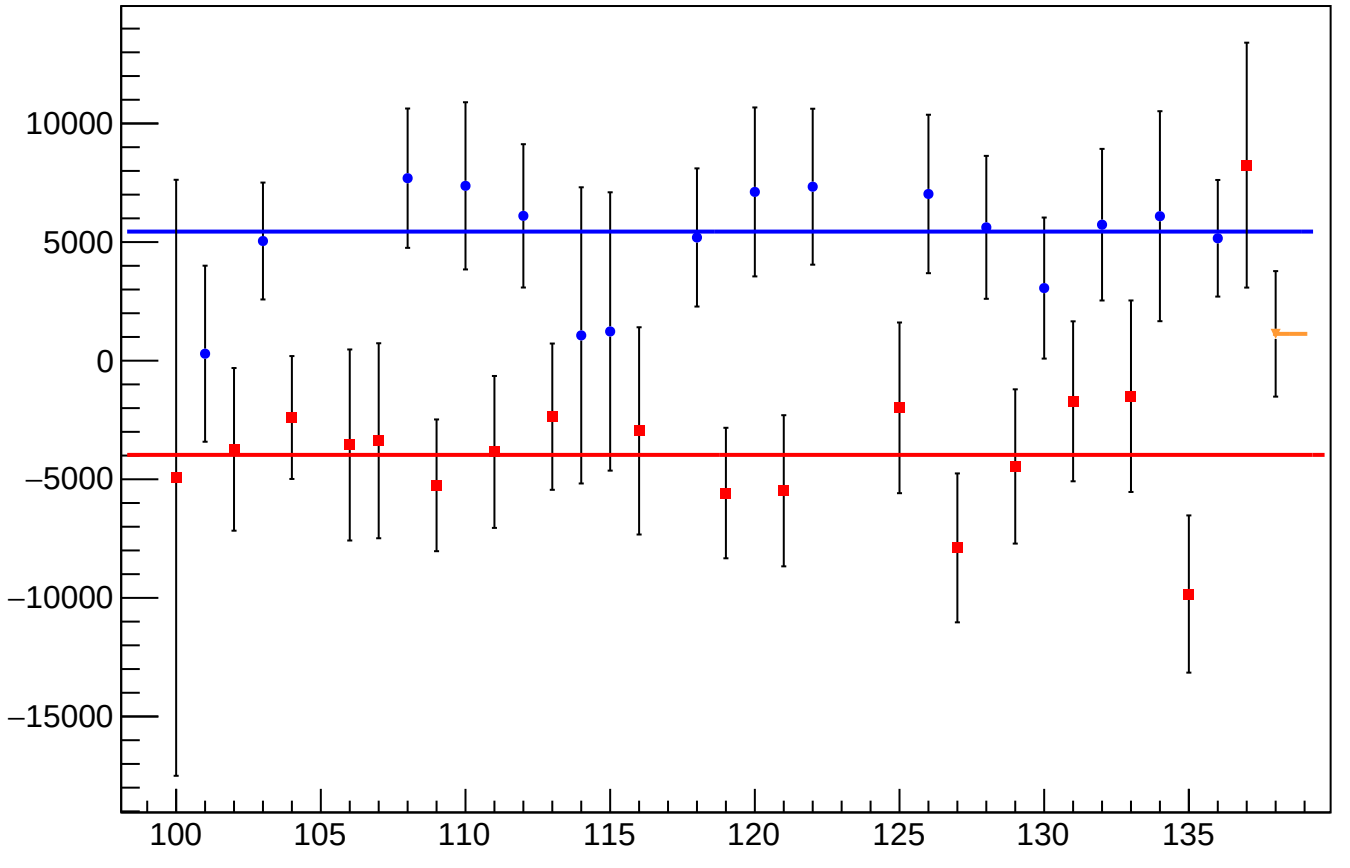
Right Out: 6568.711+/-1.920 χ^2/NDF: 2568887.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8619.054+/-2.194 χ^2/NDF: 474690.7/16

All: 7458.097+/-1.445 χ^2/NDF: 3538138.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5442.478+/-812.534 χ^2/NDF: 5.4/15

Left Out: 1130.451+/-2645.899 χ^2/NDF:0.0/0

Right Out: -3971.470+/-809.023 χ^2/NDF: 13.0/17

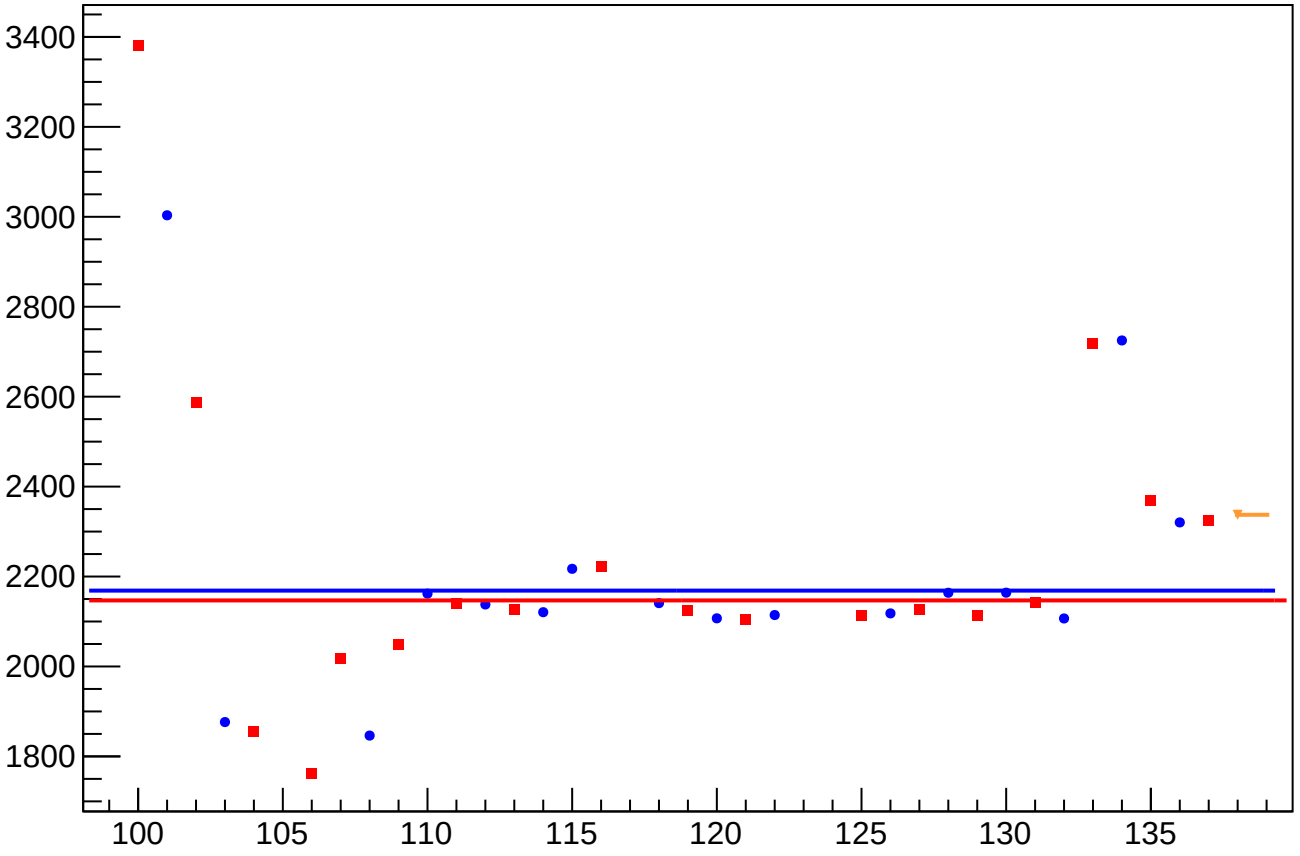
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5070.875+/-776.734 χ^2/NDF: 7.8/16

All: 733.749+/-560.301 χ^2/NDF: 85.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2168.715+/-0.575 χ^2/NDF: 195659.8/15

Left Out: 2337.315+/-1.871 χ^2/NDF:0.0/0

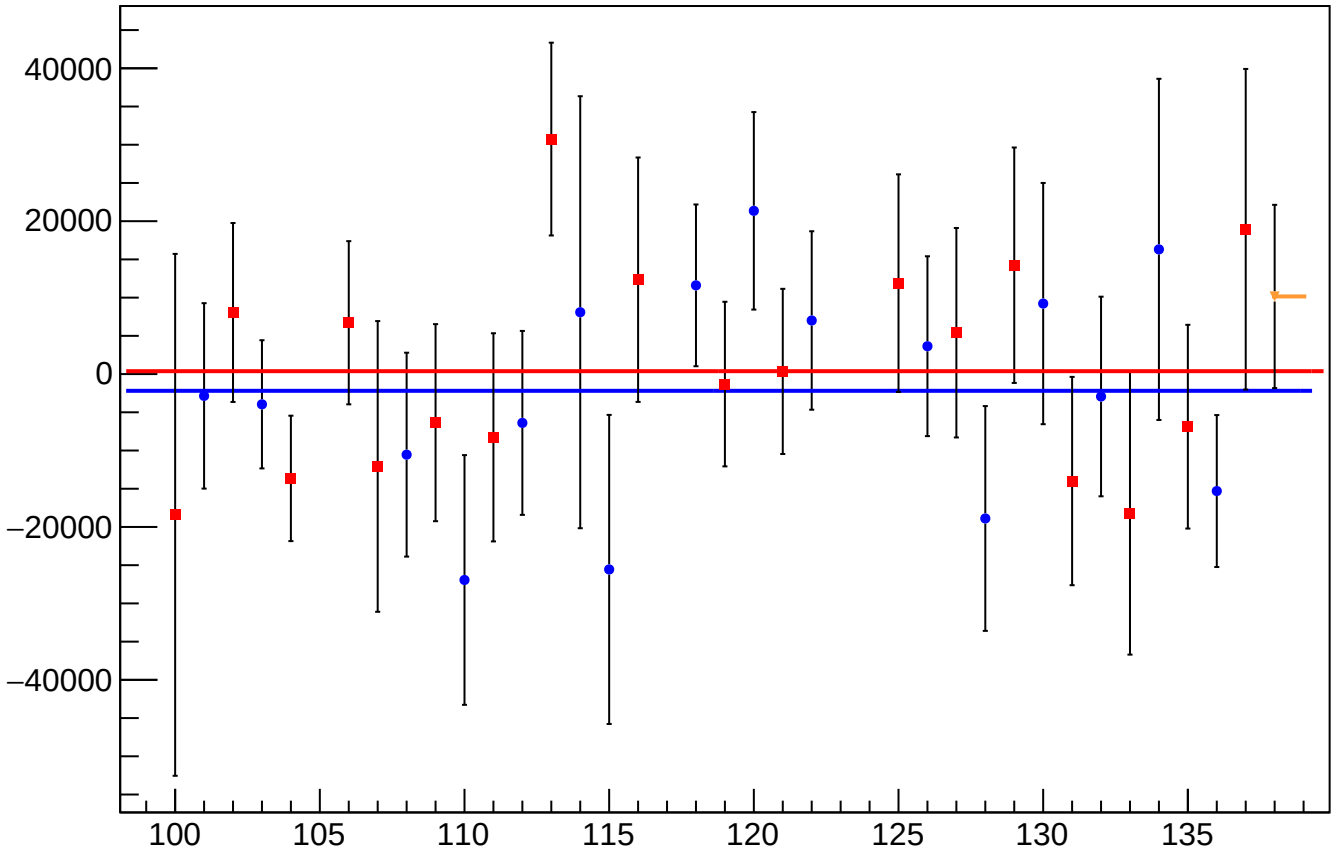
Right Out: 2146.888+/-0.569 χ^2/NDF: 157750.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2183.245+/-0.549 χ^2/NDF: 203080.7/16

All: 2165.716+/-0.395 χ^2/NDF: 362944.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2189.256+/-3208.524 χ^2/NDF: 14.5/15

Left Out: 10154.213+/-11985.520 χ^2/NDF:0.0/0

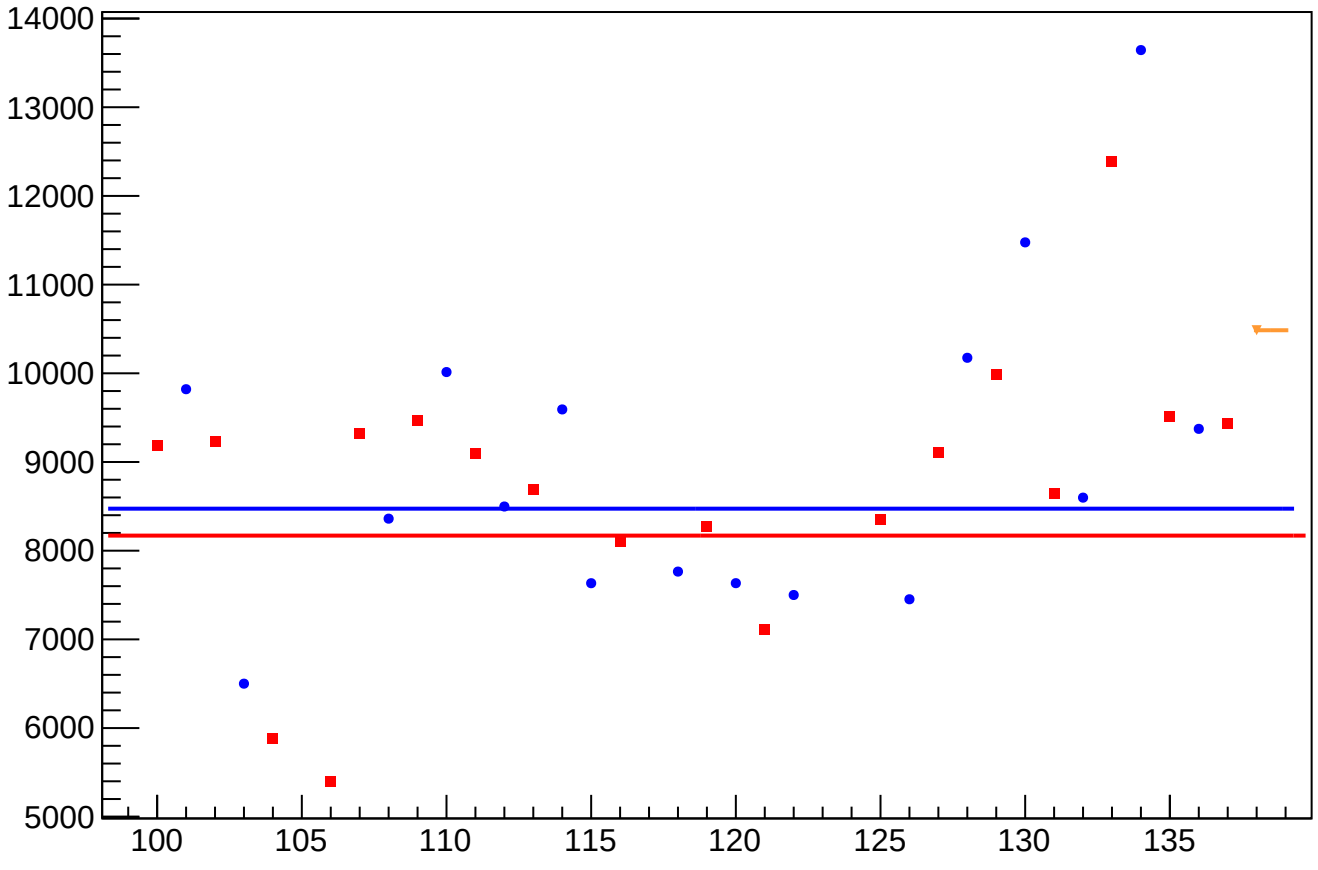
Right Out: 379.236+/-3099.953 χ^2/NDF: 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1363.835+/-3099.389 χ^2/NDF: 15.4/16

All: -492.458+/-2191.798 χ^2/NDF: 31.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8473.743+/-2.269 χ^2/NDF: 429547.3/15

Left Out: 10485.508+/-8.475 χ^2/NDF:0.0/0

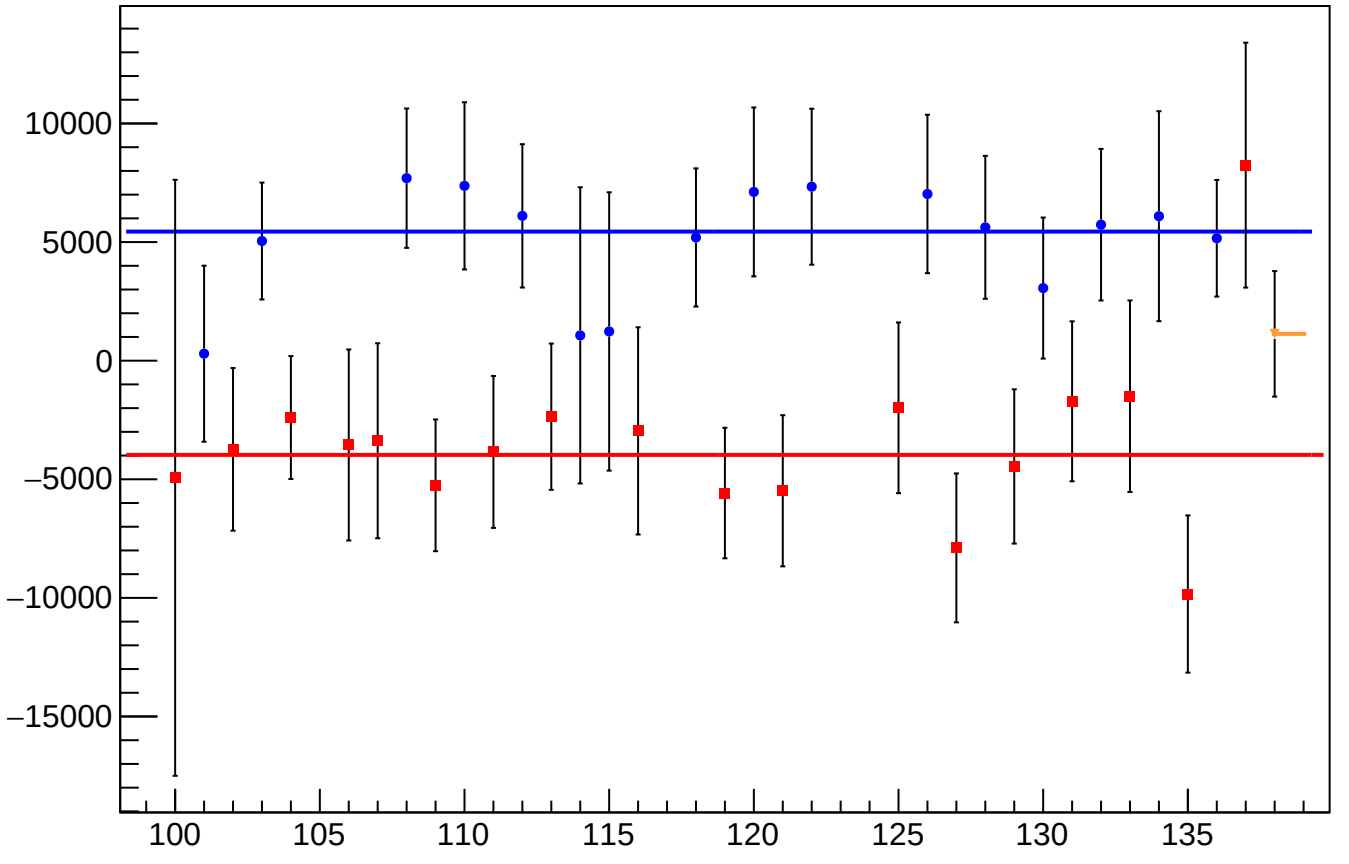
Right Out: 8170.027+/-2.192 χ^2/NDF: 539925.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8608.272+/-2.192 χ^2/NDF: 482126.3/16

All: 8389.189+/-1.550 χ^2/NDF: 1042041.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5442.478+/-812.534 χ^2/NDF: 5.4/15

Left Out: 1130.451+/-2645.899 χ^2/NDF:0.0/0

Right Out: -3971.470+/-809.023 χ^2/NDF: 13.0/17

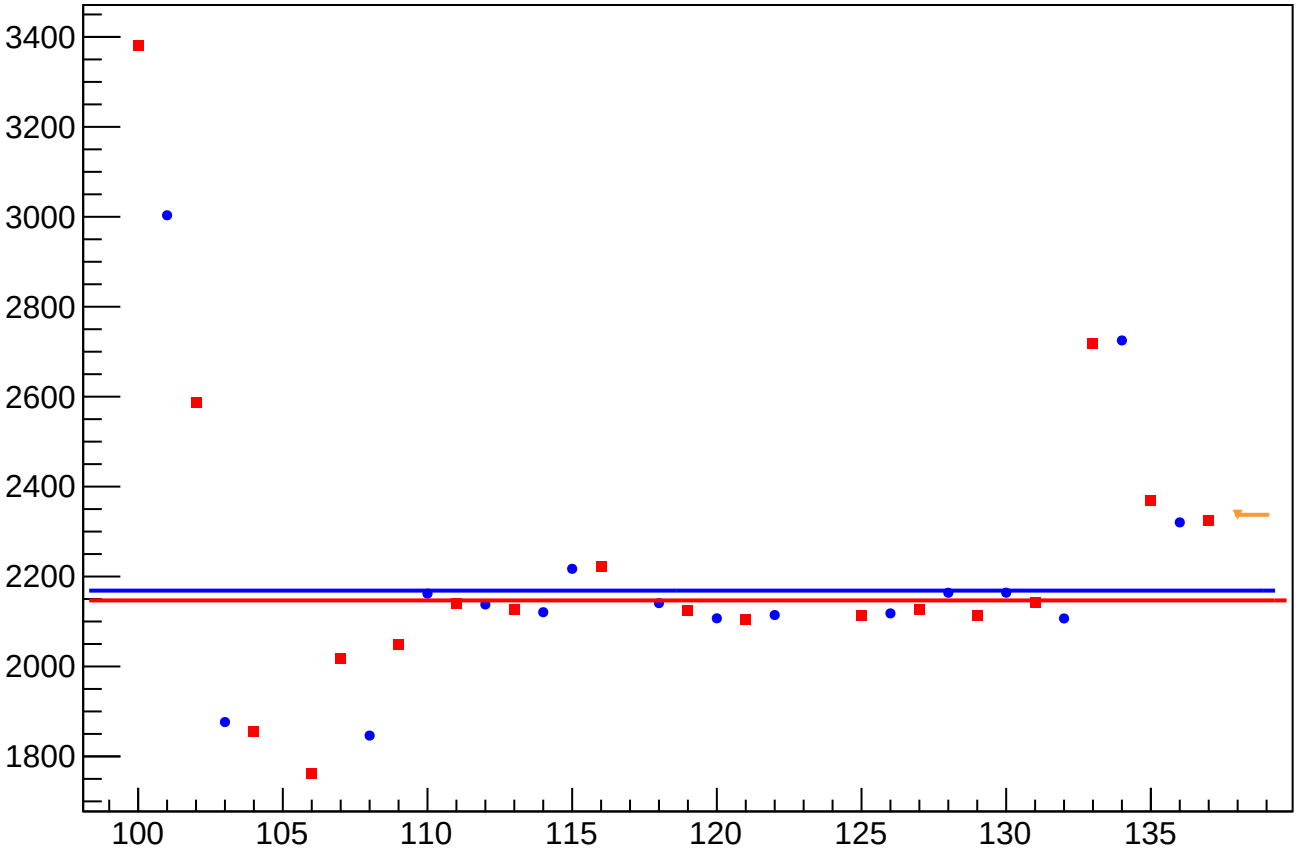
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5070.875+/-776.734 χ^2/NDF: 7.8/16

All: 733.749+/-560.301 χ^2/NDF: 85.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2168.715+/-0.575 χ^2/NDF: 195659.8/15

Left Out: 2337.315+/-1.871 χ^2/NDF:0.0/0

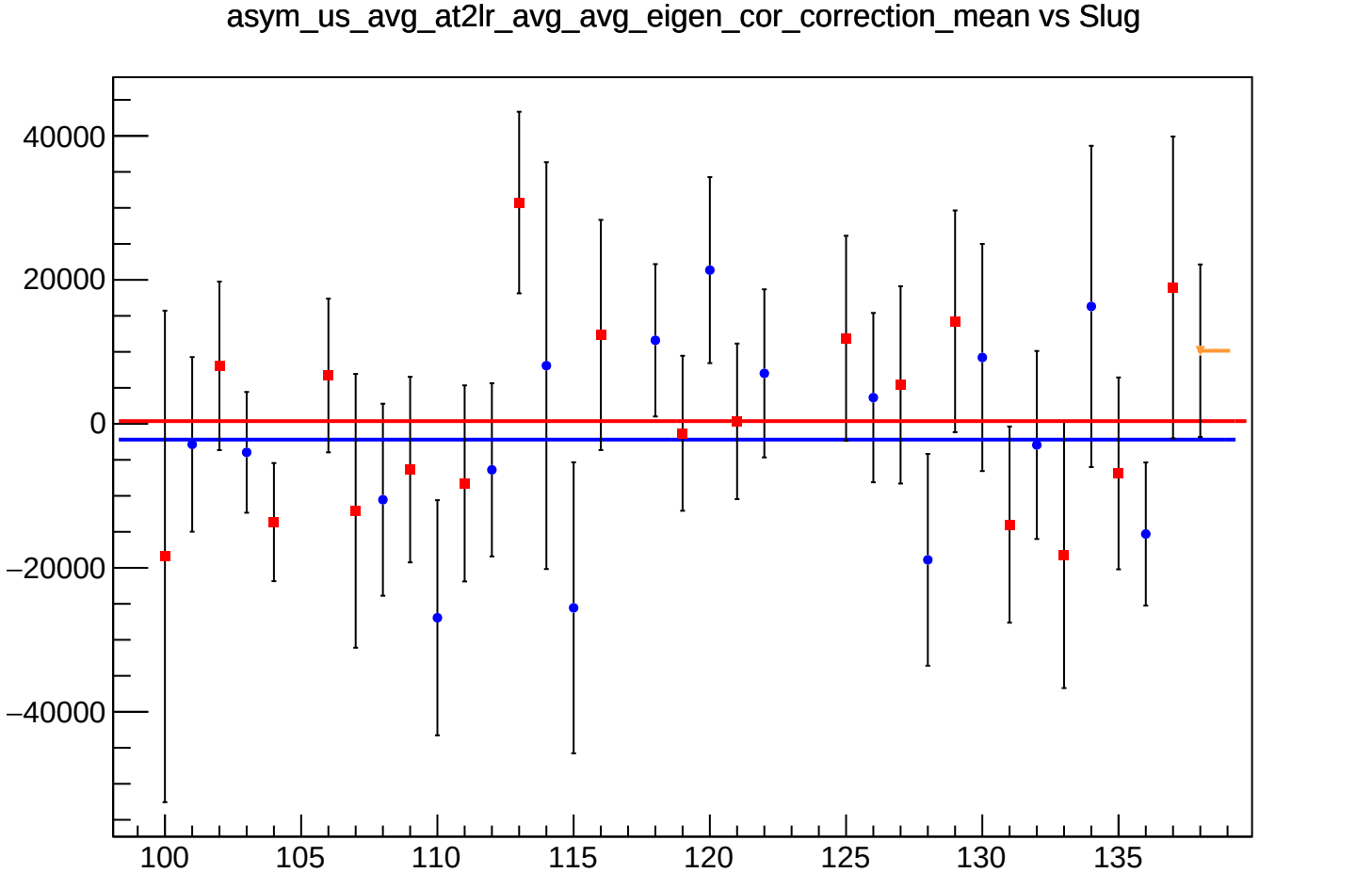
Right Out: 2146.888+/-0.569 χ^2/NDF: 157750.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2183.245+/-0.549 χ^2/NDF: 203080.7/16

All: 2165.716+/-0.395 χ^2/NDF: 362944.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2189.256+/-3208.524 χ^2/NDF: 14.5/15

Left Out: 10154.213+/-11985.520 χ^2/NDF:0.0/0

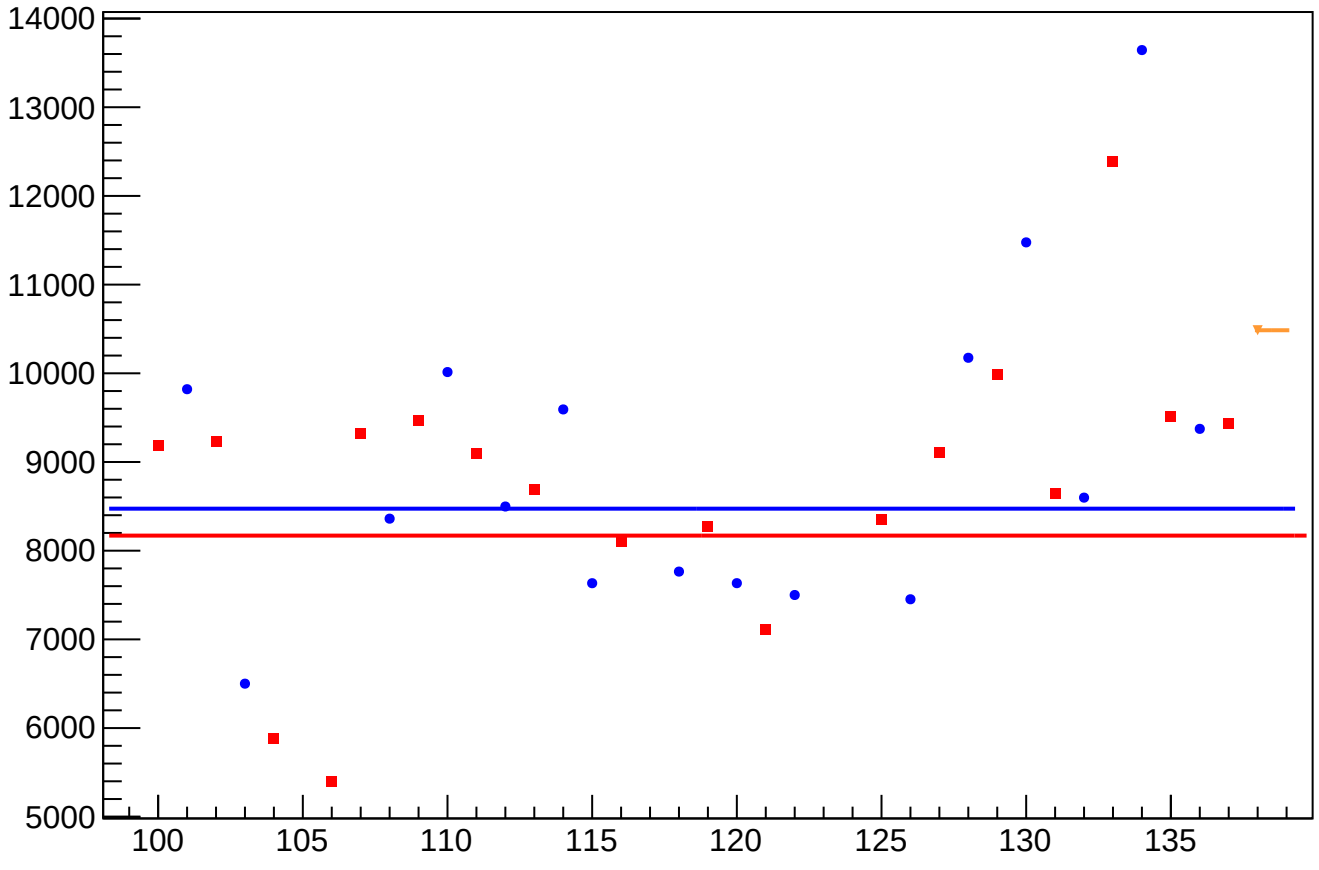
Right Out: 379.236+/-3099.953 χ^2/NDF: 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1363.835+/-3099.389 χ^2/NDF: 15.4/16

All: -492.458+/-2191.798 χ^2/NDF: 31.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8473.743+/-2.269 χ^2/NDF: 429547.3/15

Left Out: 10485.508+/-8.475 χ^2/NDF:0.0/0

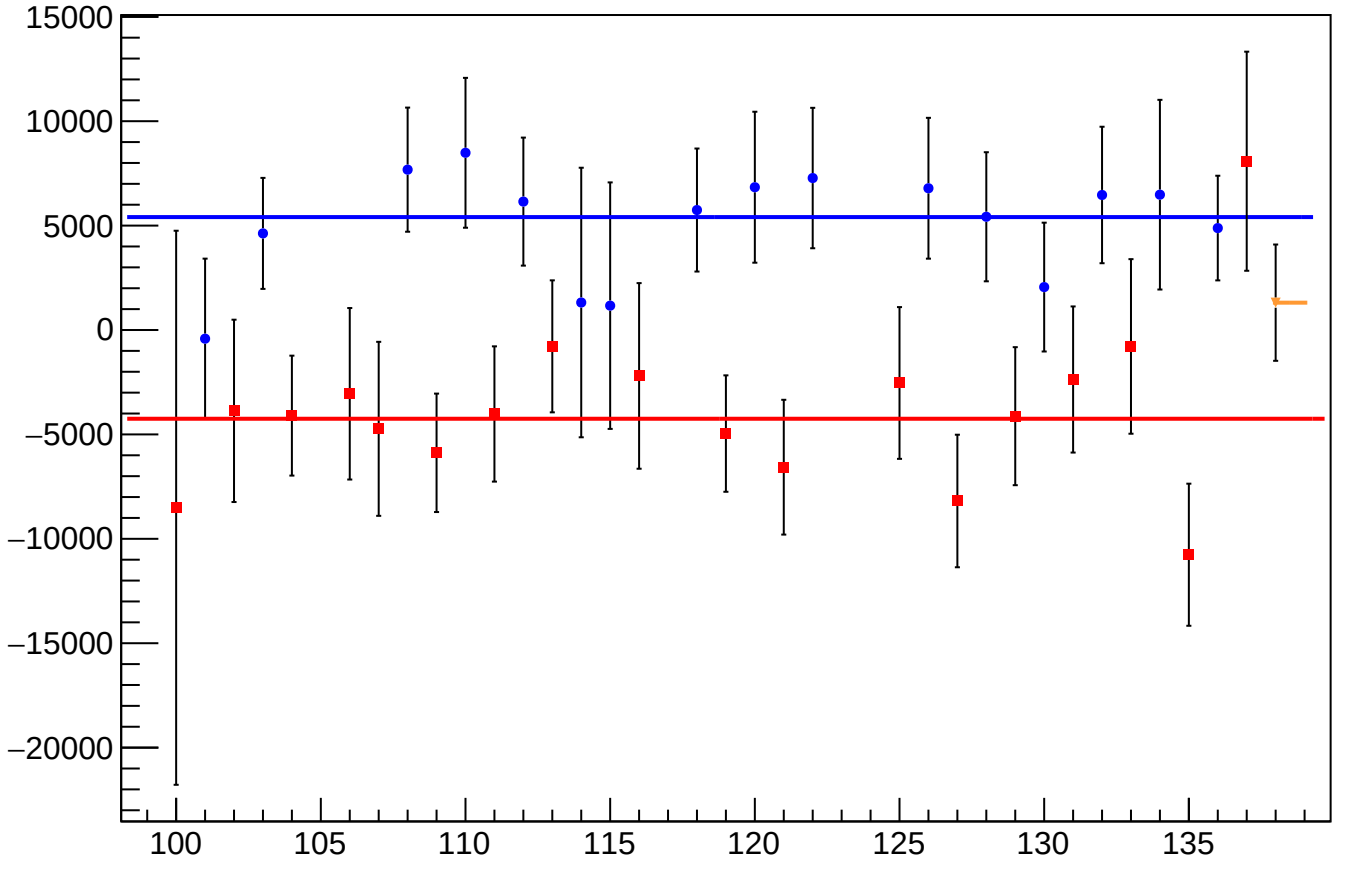
Right Out: 8170.027+/-2.192 χ^2/NDF: 539925.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8608.272+/-2.192 χ^2/NDF: 482126.3/16

All: 8389.189+/-1.550 χ^2/NDF: 1042041.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5407.867+/-833.689 χ^2/NDF: 6.7/15

Left Out: 1309.313+/-2784.772 χ^2/NDF:0.0/0

Right Out: -4249.899+/-839.336 χ^2/NDF: 14.5/17

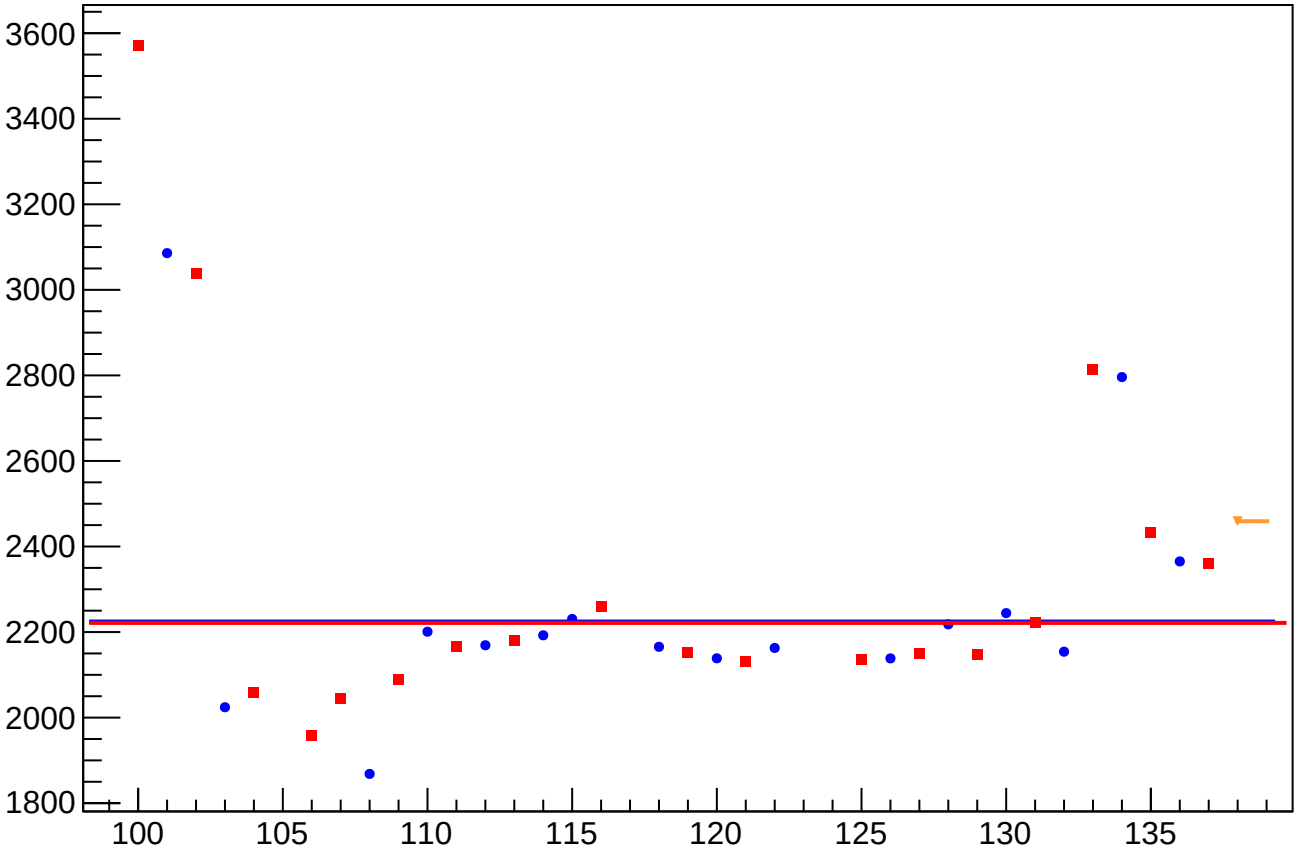
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5070.749+/-798.666 χ^2/NDF: 8.7/16

All: 641.701+/-578.586 χ^2/NDF: 87.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2224.614+/-0.590 χ^2/NDF: 184679.8/15

Left Out: 2459.089+/-1.969 χ^2/NDF:0.0/0

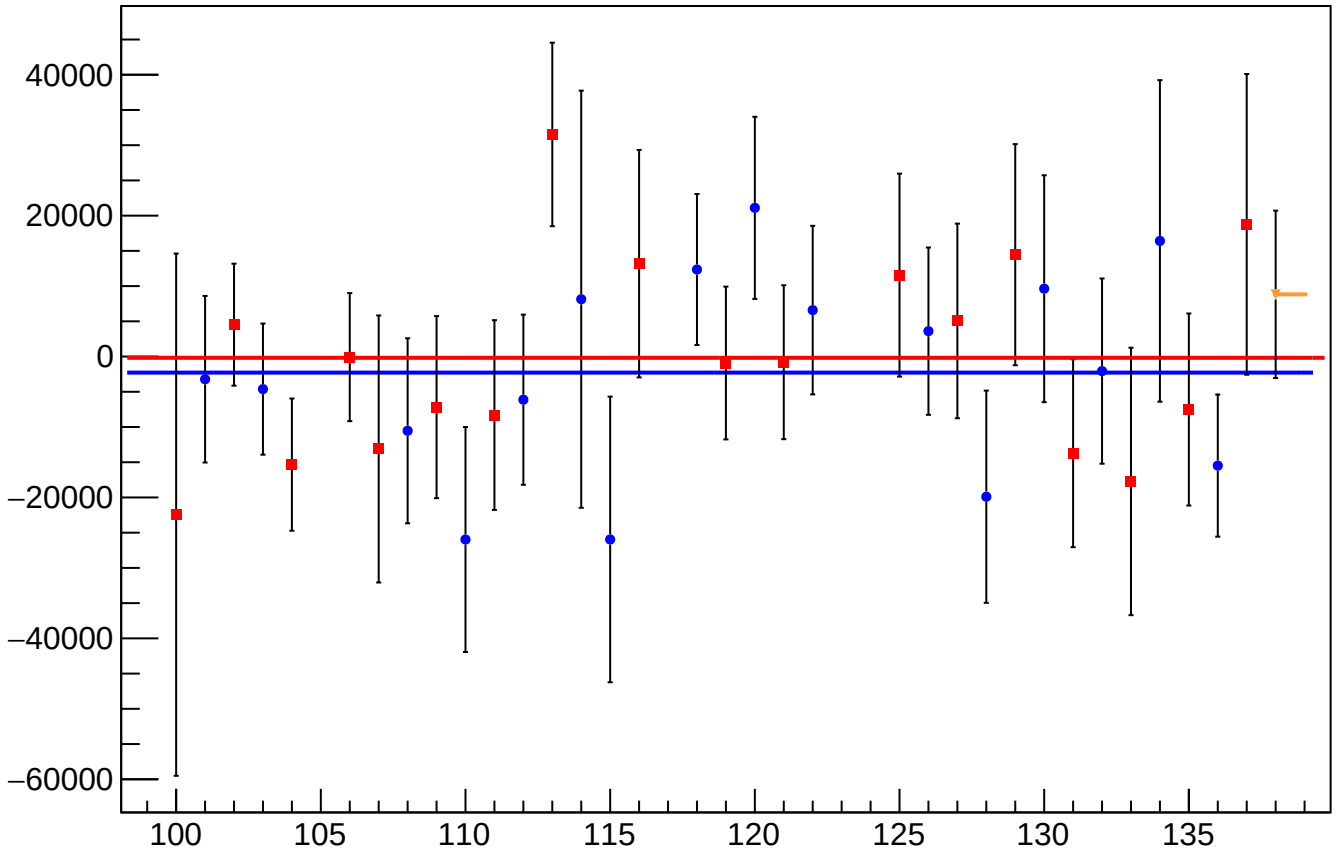
Right Out: 2221.425+/-0.593 χ^2/NDF: 169944.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2243.900+/-0.565 χ^2/NDF: 197692.5/16

All: 2233.214+/-0.409 χ^2/NDF: 368389.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2278.440+/-3271.750 χ^2/NDF: 14.5/15

Left Out: 8828.211+/-11882.248 χ^2/NDF:0.0/0

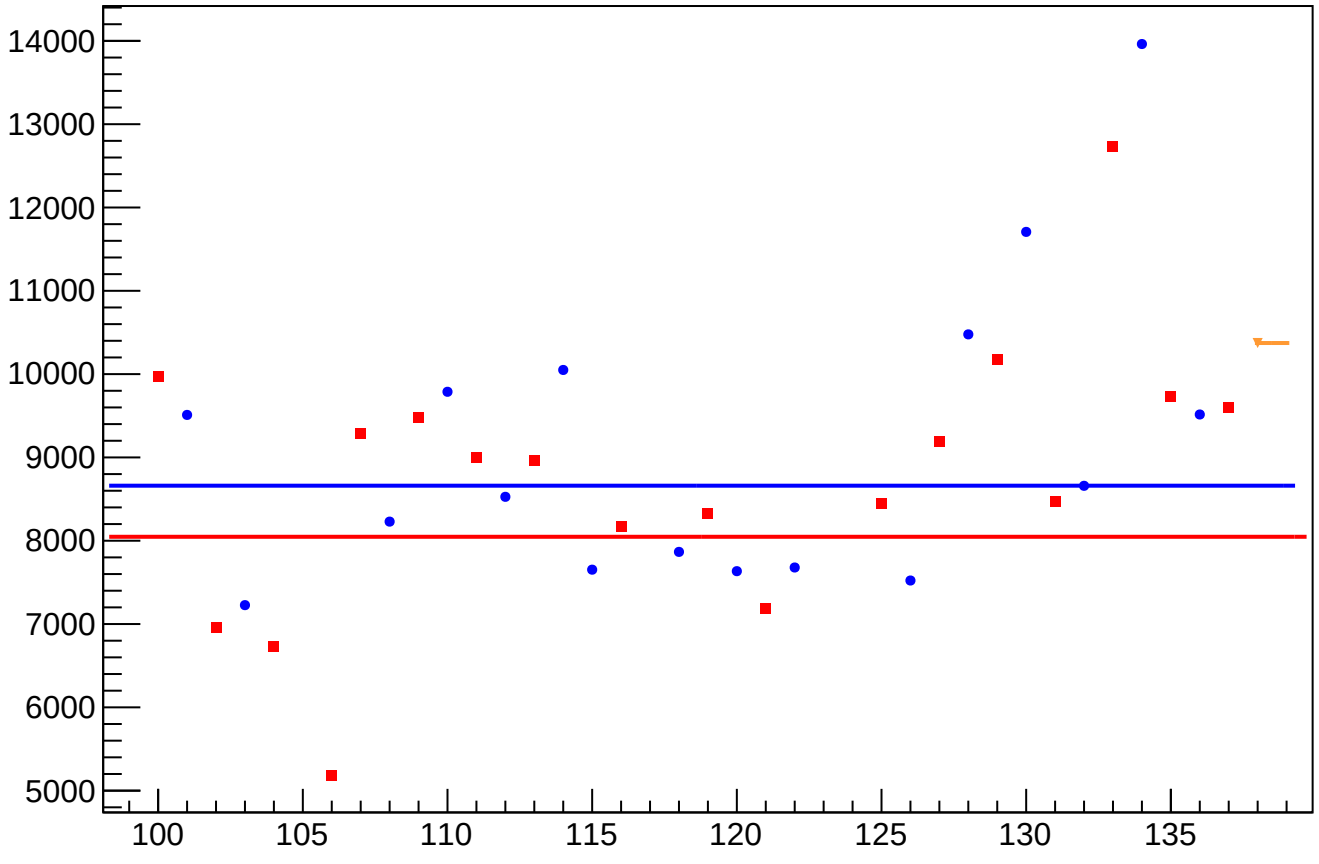
Right Out: -177.024+/-3035.355 χ^2/NDF: 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1495.717+/-3154.358 χ^2/NDF: 15.3/16

All: -811.027+/-2187.181 χ^2/NDF: 31.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8660.733+/-2.313 χ^2/NDF: 357961.9/15

Left Out: 10373.299+/-8.402 χ^2/NDF:0.0/0

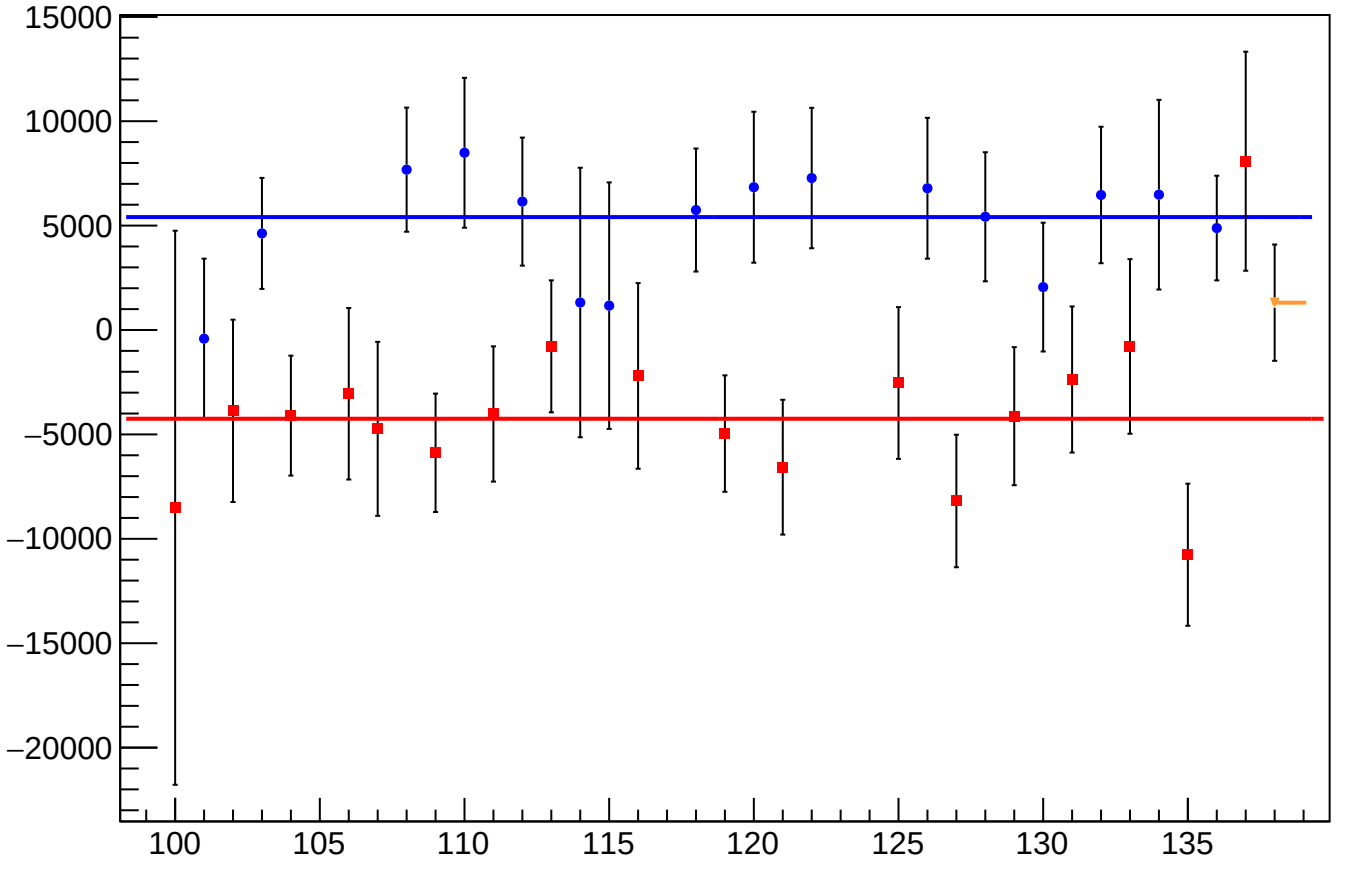
Right Out: 8047.460+/-2.146 χ^2/NDF: 558559.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8781.423+/-2.230 χ^2/NDF: 396579.9/16

All: 8400.335+/-1.547 χ^2/NDF: 1011361.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5407.869+/-833.688 χ^2/NDF: 6.7/15

Left Out: 1309.349+/-2784.773 χ^2/NDF:0.0/0

Right Out: -4249.903+/-839.335 χ^2/NDF: 14.5/17

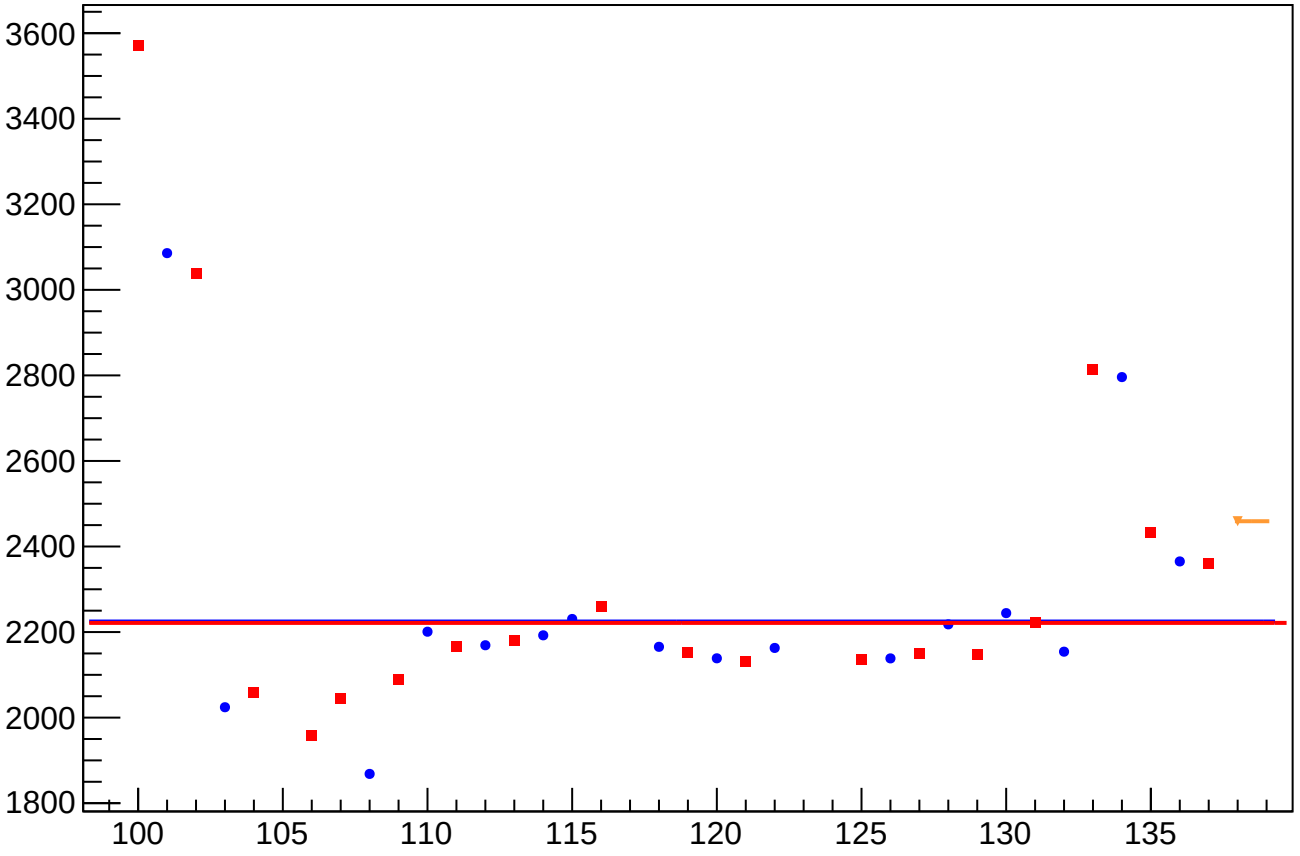
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5070.754+/-798.666 χ^2/NDF: 8.7/16

All: 641.701+/-578.586 χ^2/NDF: 87.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2224.613+/-0.590 χ^2/NDF: 184680.1/15

Left Out: 2459.089+/-1.969 χ^2/NDF:0.0/0

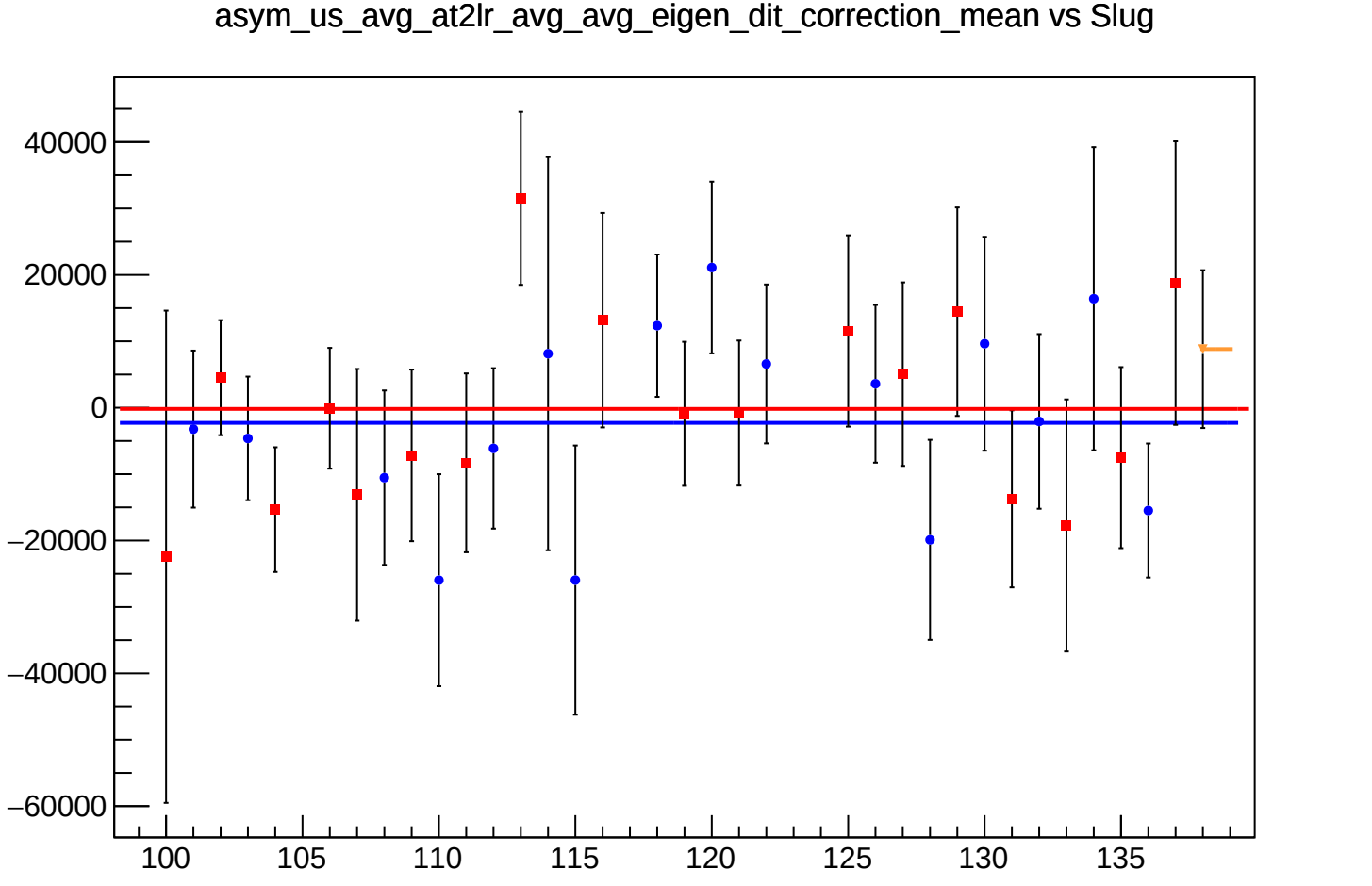
Right Out: 2221.425+/-0.593 χ^2/NDF: 169944.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2243.900+/-0.565 χ^2/NDF: 197692.9/16

All: 2233.213+/-0.409 χ^2/NDF: 368390.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2278.418+/-3271.742 χ^2/NDF: 14.5/15

Left Out: 8828.242+/-11882.278 χ^2/NDF:0.0/0

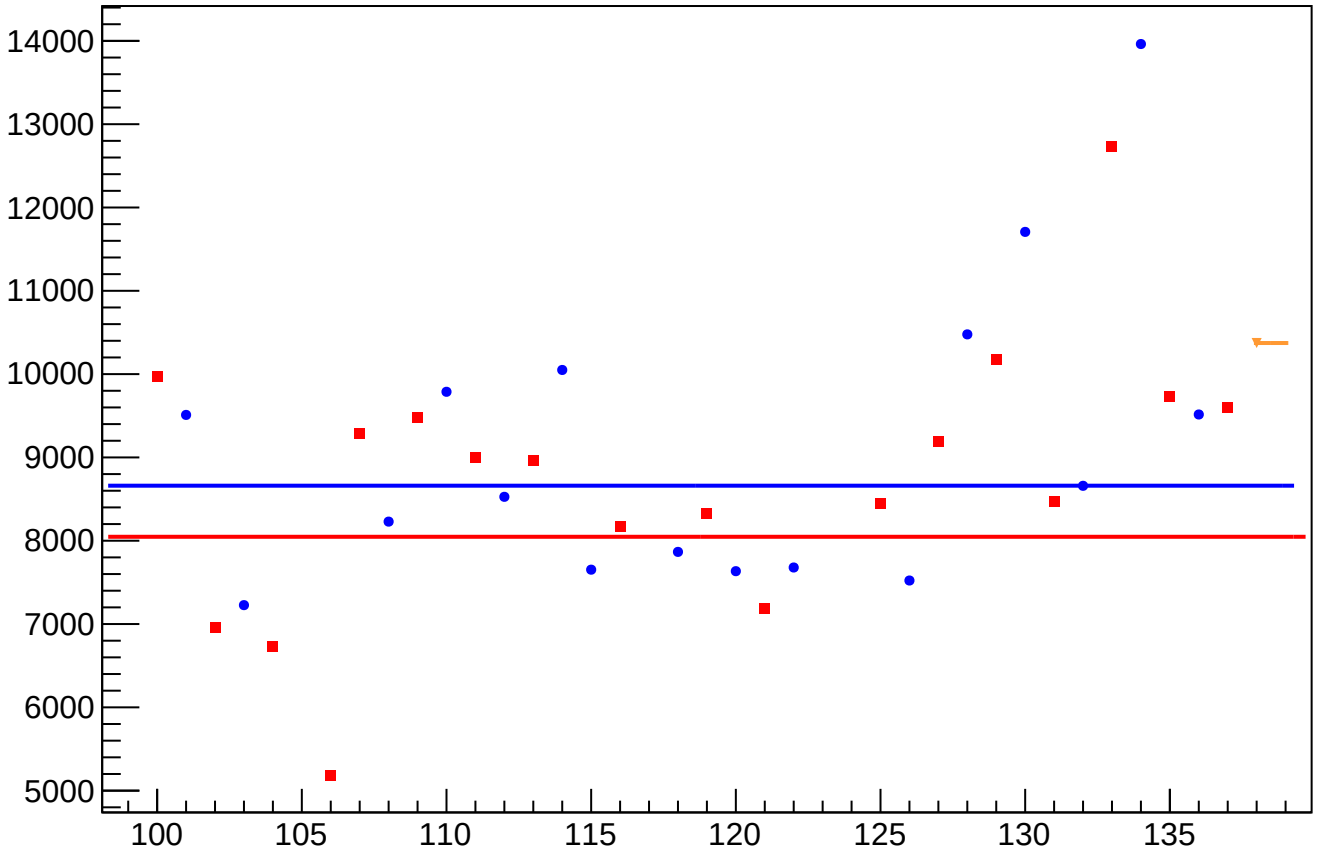
Right Out: -177.029+/-3035.348 χ^2/NDF: 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1495.701+/-3154.352 χ^2/NDF: 15.3/16

All: -811.022+/-2187.176 χ^2/NDF: 31.0/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8660.711+/-2.313 χ^2/NDF: 357964.1/15

Left Out: 10373.325+/-8.402 χ^2/NDF:0.0/0

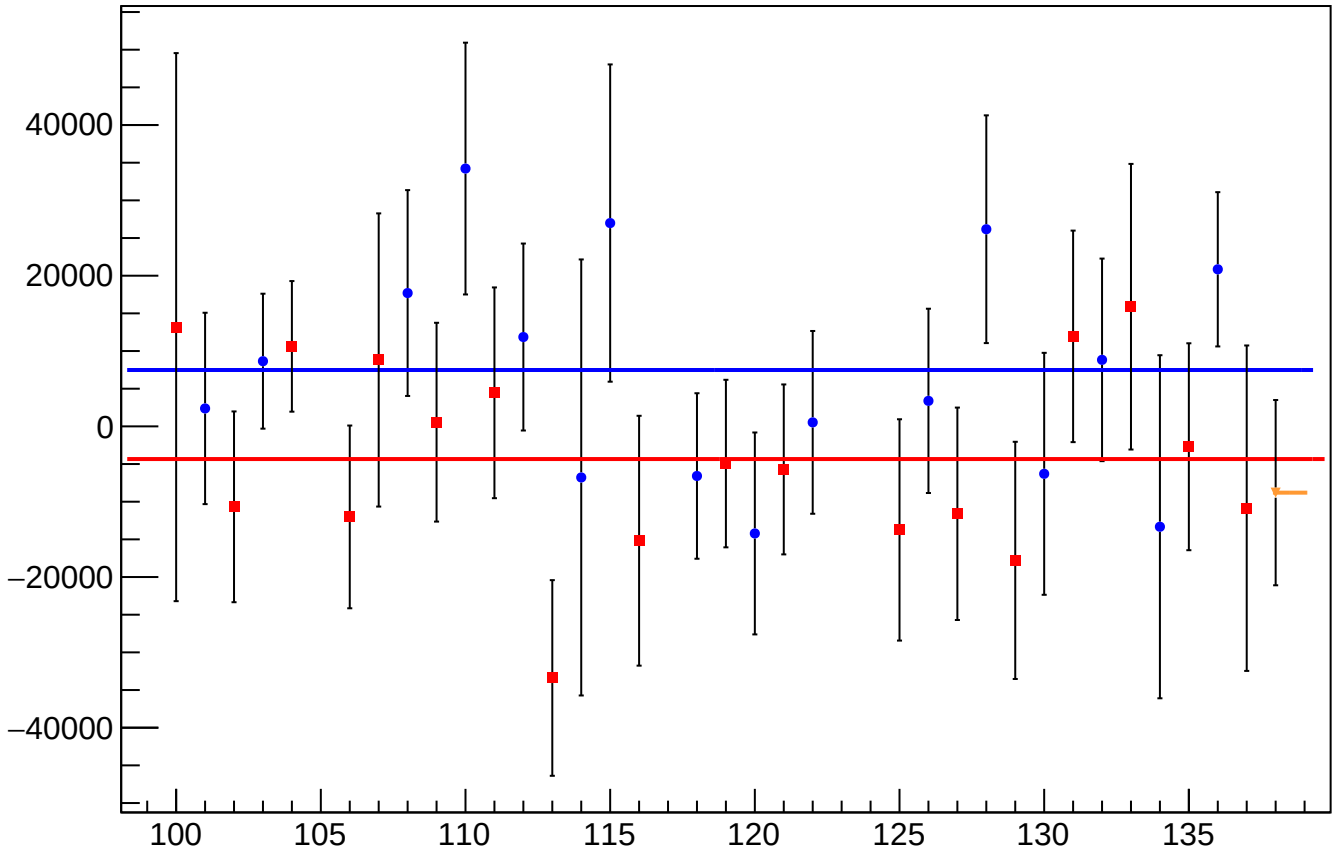
Right Out: 8047.442+/-2.146 χ^2/NDF: 558557.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8781.404+/-2.230 χ^2/NDF: 396584.0/16

All: 8400.317+/-1.547 χ^2/NDF: 1011364.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 7481.770+/-3330.915 χ^2/NDF: 14.0/15

Left Out: -8799.196+/-12296.510 χ^2/NDF:0.0/0

Right Out: -4338.165+/-3242.620 χ^2/NDF: 14.3/17

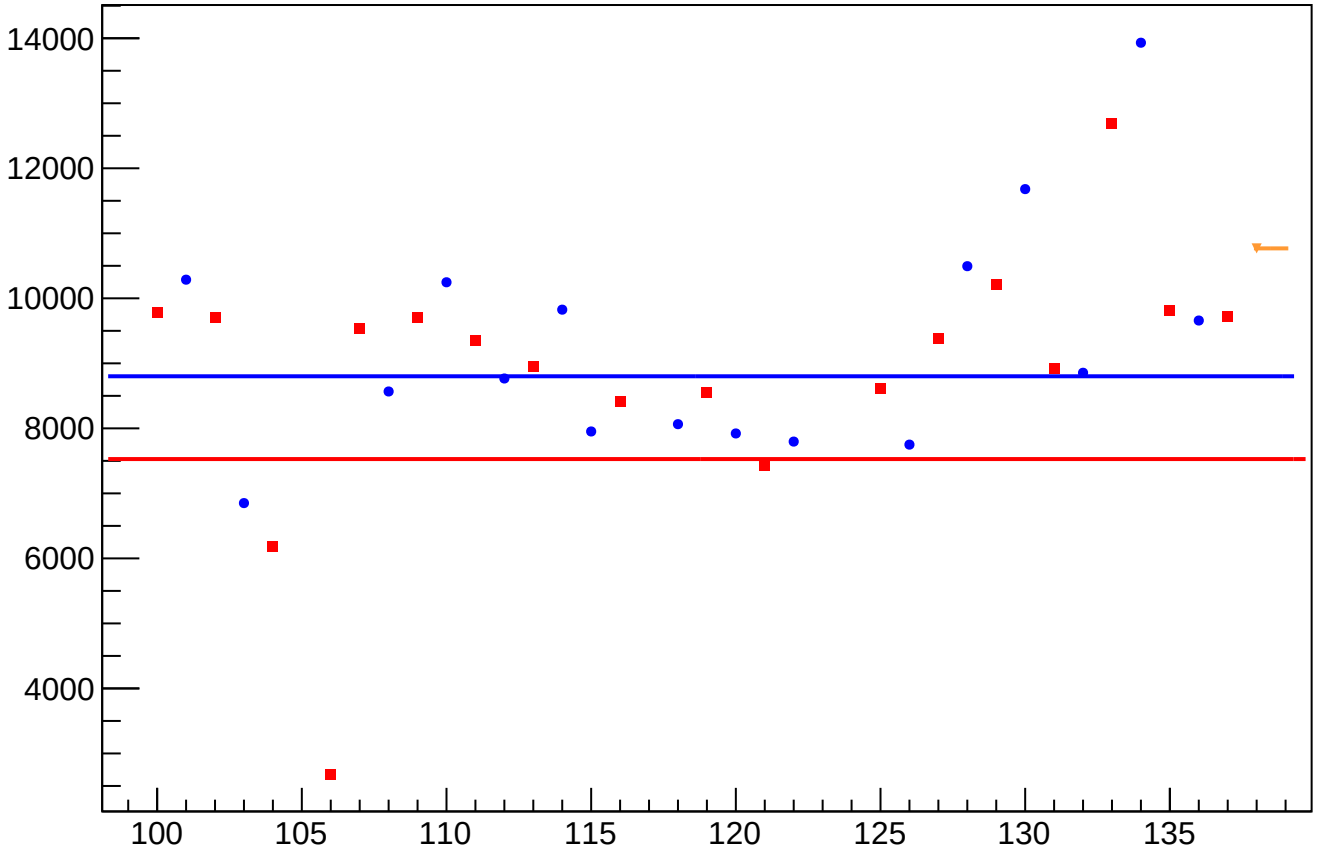
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6368.780+/-3215.047 χ^2/NDF: 15.7/16

All: 1061.024+/-2283.068 χ^2/NDF: 35.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8801.075+/-2.355 χ^2/NDF: 394575.1/15

Left Out: 10768.070+/-8.695 χ^2/NDF:0.0/0

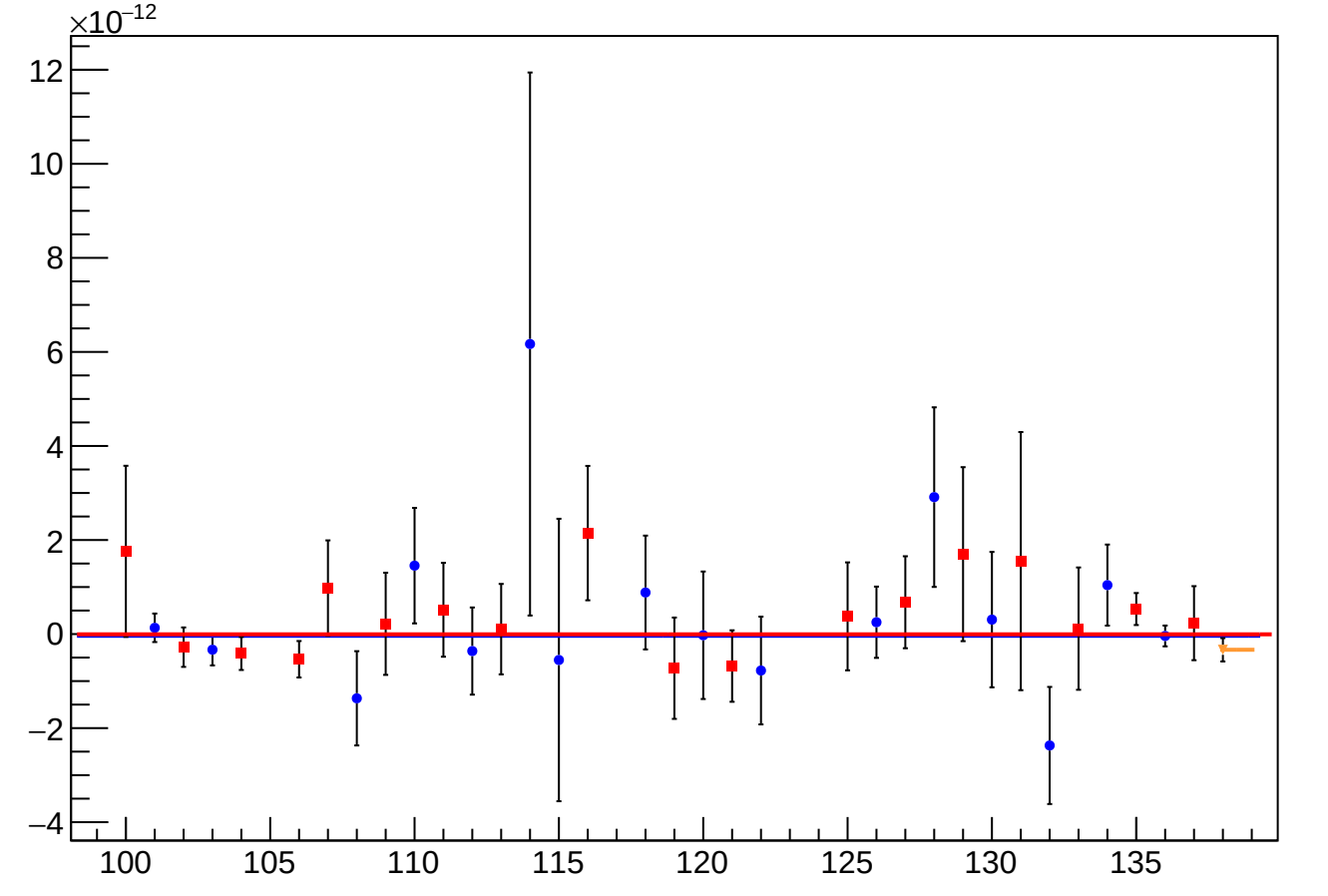
Right Out: 7527.803+/-2.128 χ^2/NDF: 1657299.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8935.538+/-2.273 χ^2/NDF: 442253.5/16

All: 8185.337+/-1.554 χ^2/NDF: 2303898.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

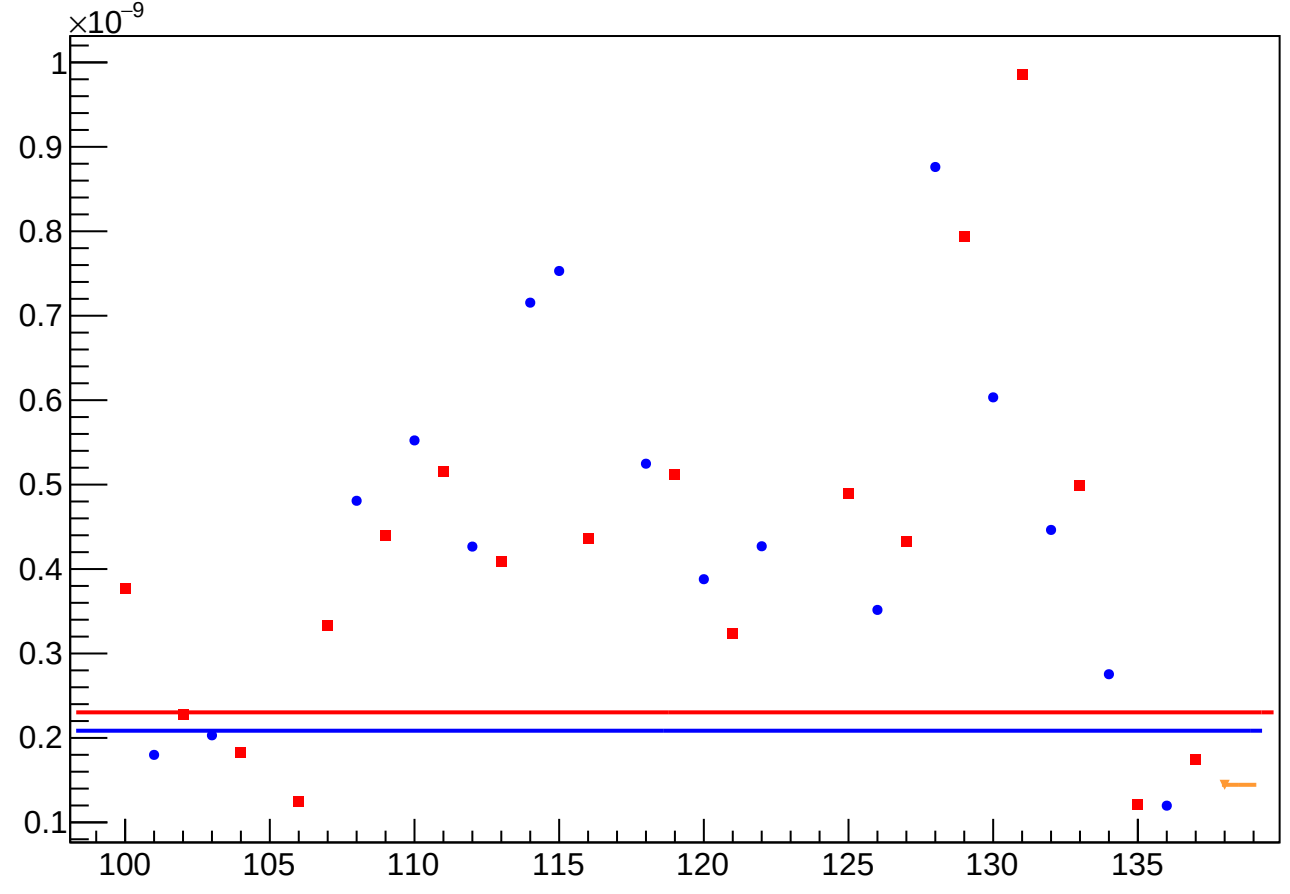
Right Out: -0.000+/-0.000 χ^2/NDF: 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.4/16

All: -0.000+/-0.000 χ^2/NDF: 29.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1632322.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

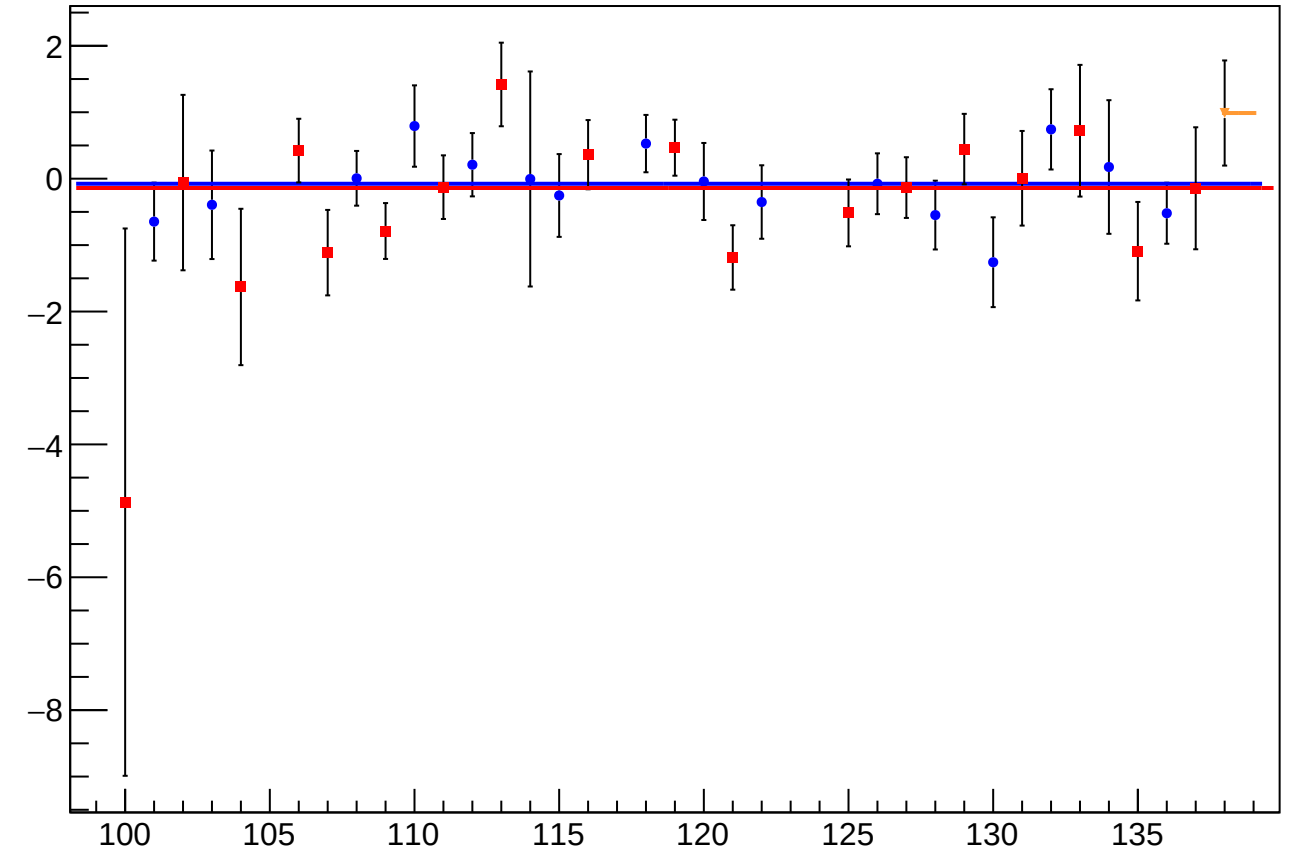
Right Out: 0.000+/-0.000 χ^2/NDF: 1561654.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1732652.2/16

All: 0.000+/-0.000 χ^2/NDF: 3365199.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.076+/-0.140 χ^2/NDF: 12.5/15

Left Out: 0.988+/-0.791 χ^2/NDF:0.0/0

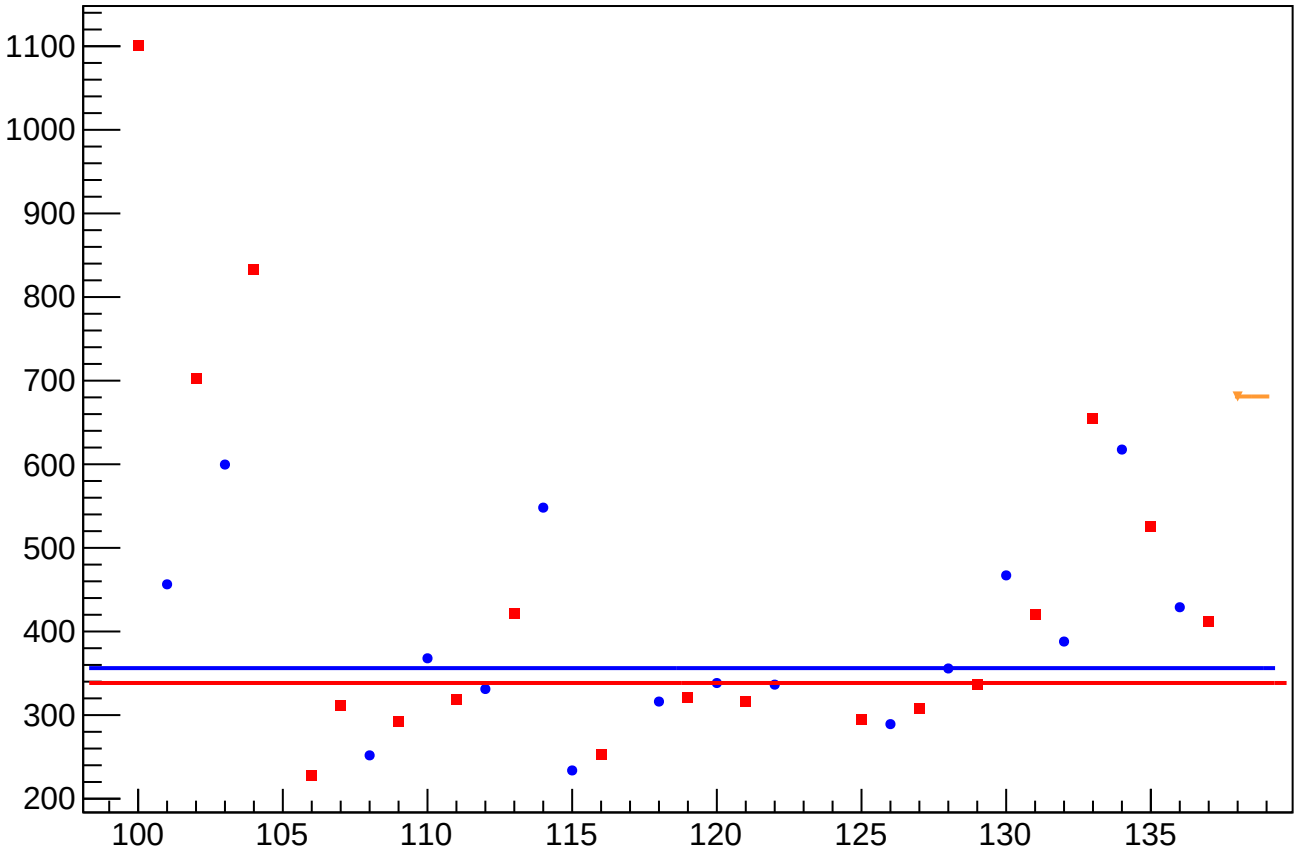
Right Out: -0.140+/-0.138 χ^2/NDF: 27.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.044+/-0.138 χ^2/NDF: 14.3/16

All: -0.092+/-0.097 χ^2/NDF: 41.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 356.190+/-0.099 χ^2/NDF: 785107.3/15

Left Out: 681.072+/-0.559 χ^2/NDF:0.0/0

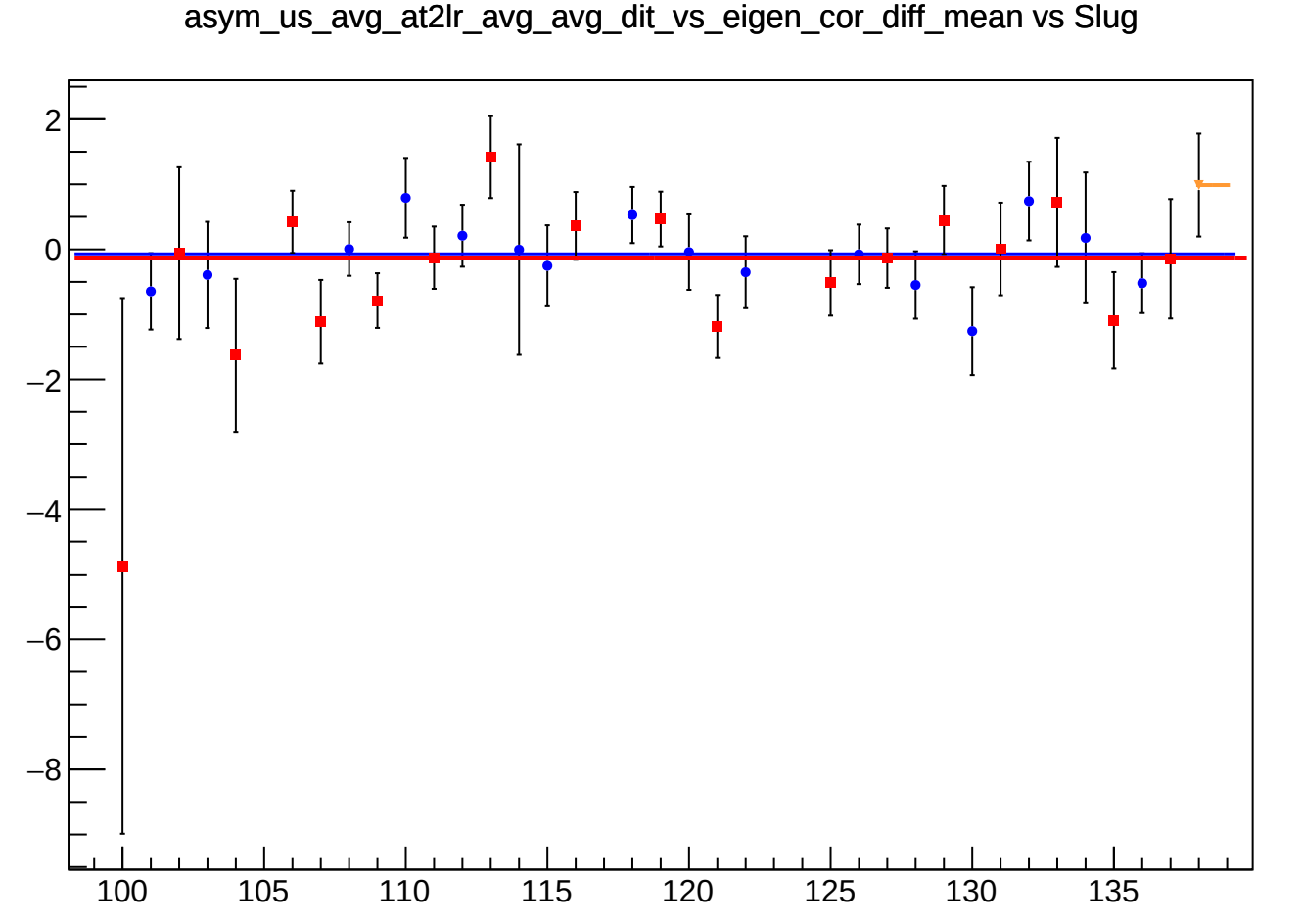
Right Out: 338.410+/-0.098 χ^2/NDF: 1203282.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 366.039+/-0.097 χ^2/NDF: 1112075.5/16

All: 352.245+/-0.069 χ^2/NDF: 2355516.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.076+/-0.140 χ^2/NDF: 12.5/15

Left Out: 0.988+/-0.791 χ^2/NDF:0.0/0

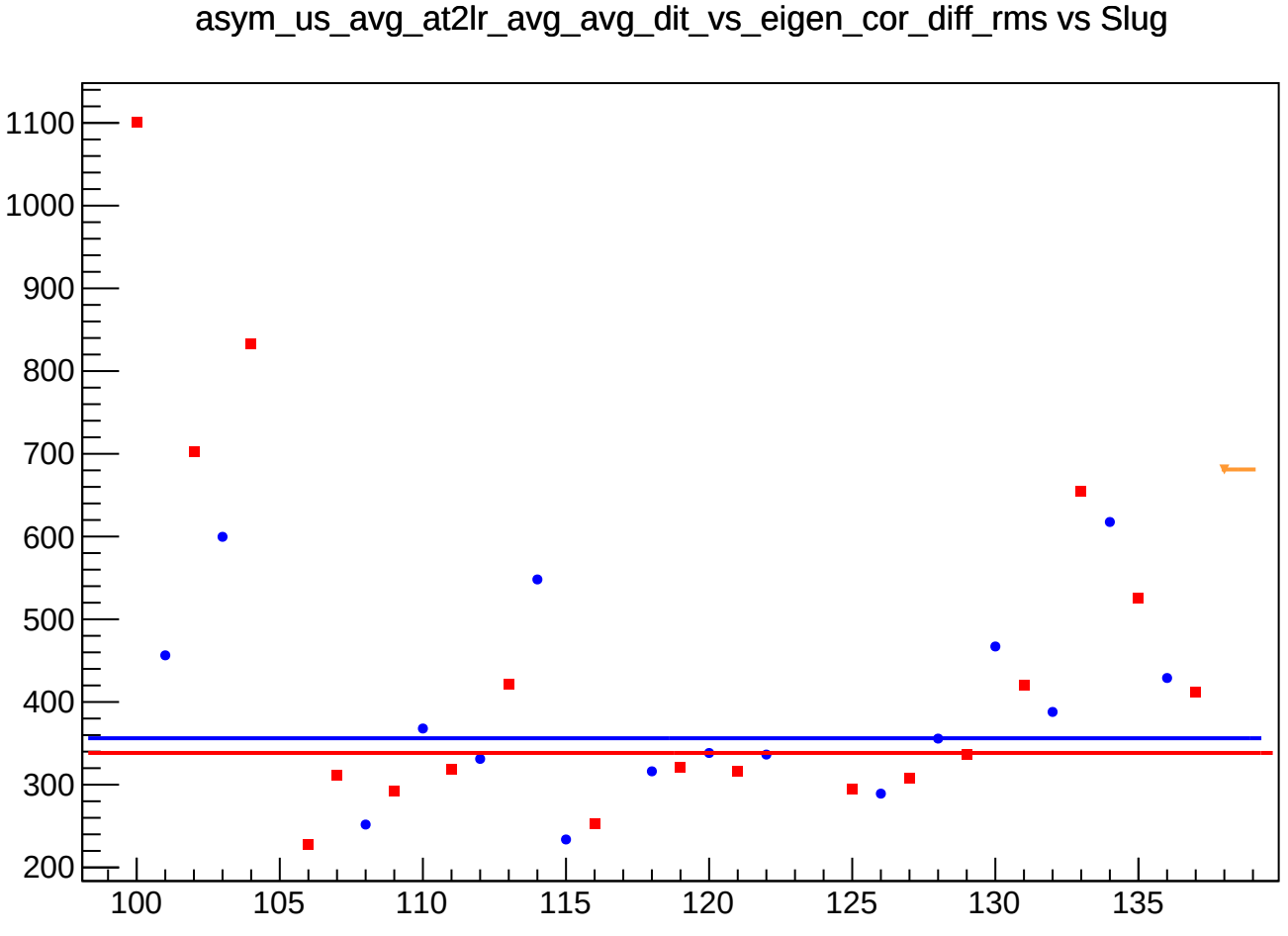
Right Out: -0.140+/-0.138 χ^2/NDF: 27.0/17

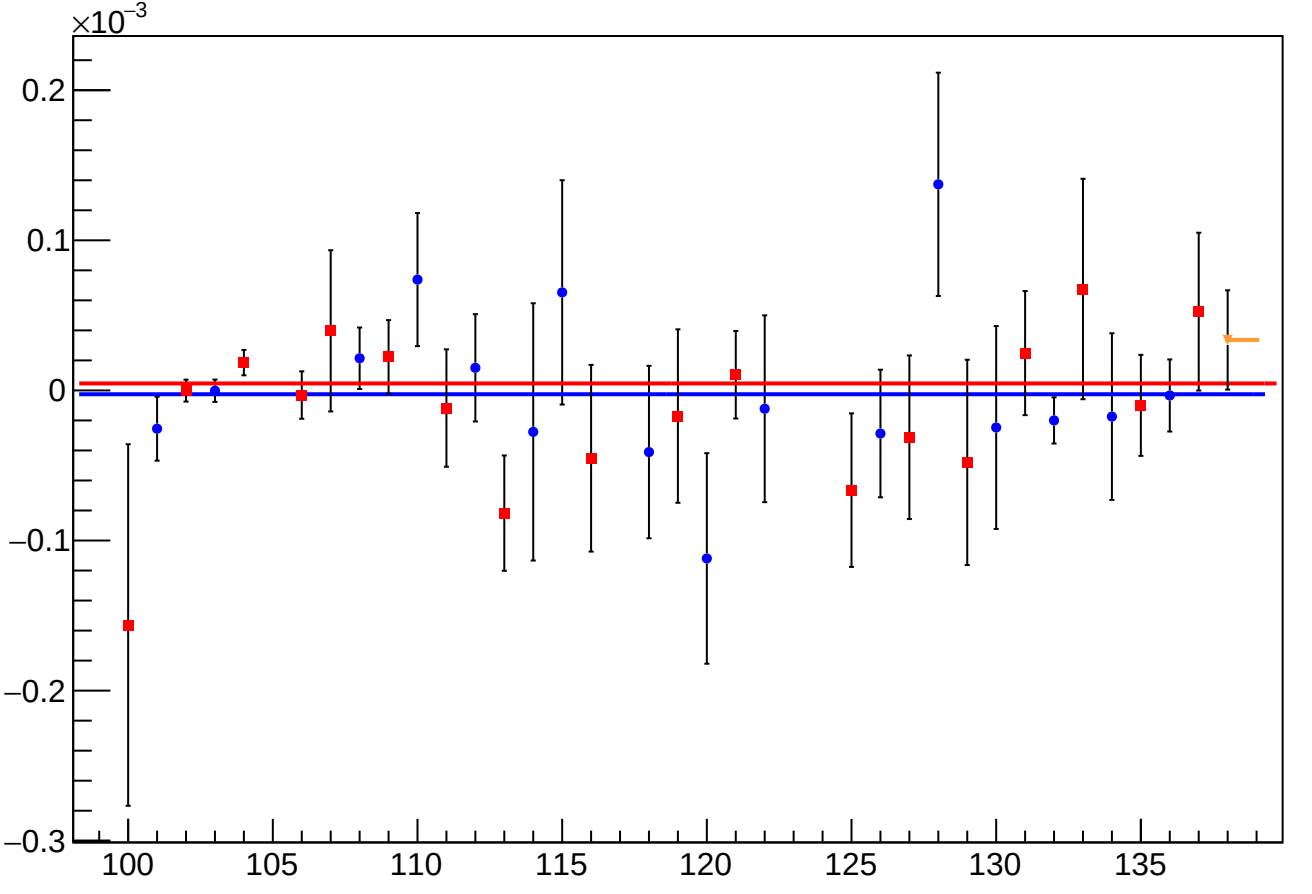
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.044+/-0.138 χ^2/NDF: 14.3/16

All: -0.092+/-0.097 χ^2/NDF: 41.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug
1100
1000
900
800
700
600
500
400
300
200
100
105
110
115
120
125
130
135
Right In: 356.190+/-0.099 χ²/NDF: 785107.3/15
Left Out: 681.072+/-0.559 χ²/NDF:0.0/0
Right Out: 338.410+/-0.098 χ²/NDF: 1203282.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 366.039+/-0.097 χ²/NDF: 1112075.5/16
All: 352.245+/-0.069 χ²/NDF: 2355516.8/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

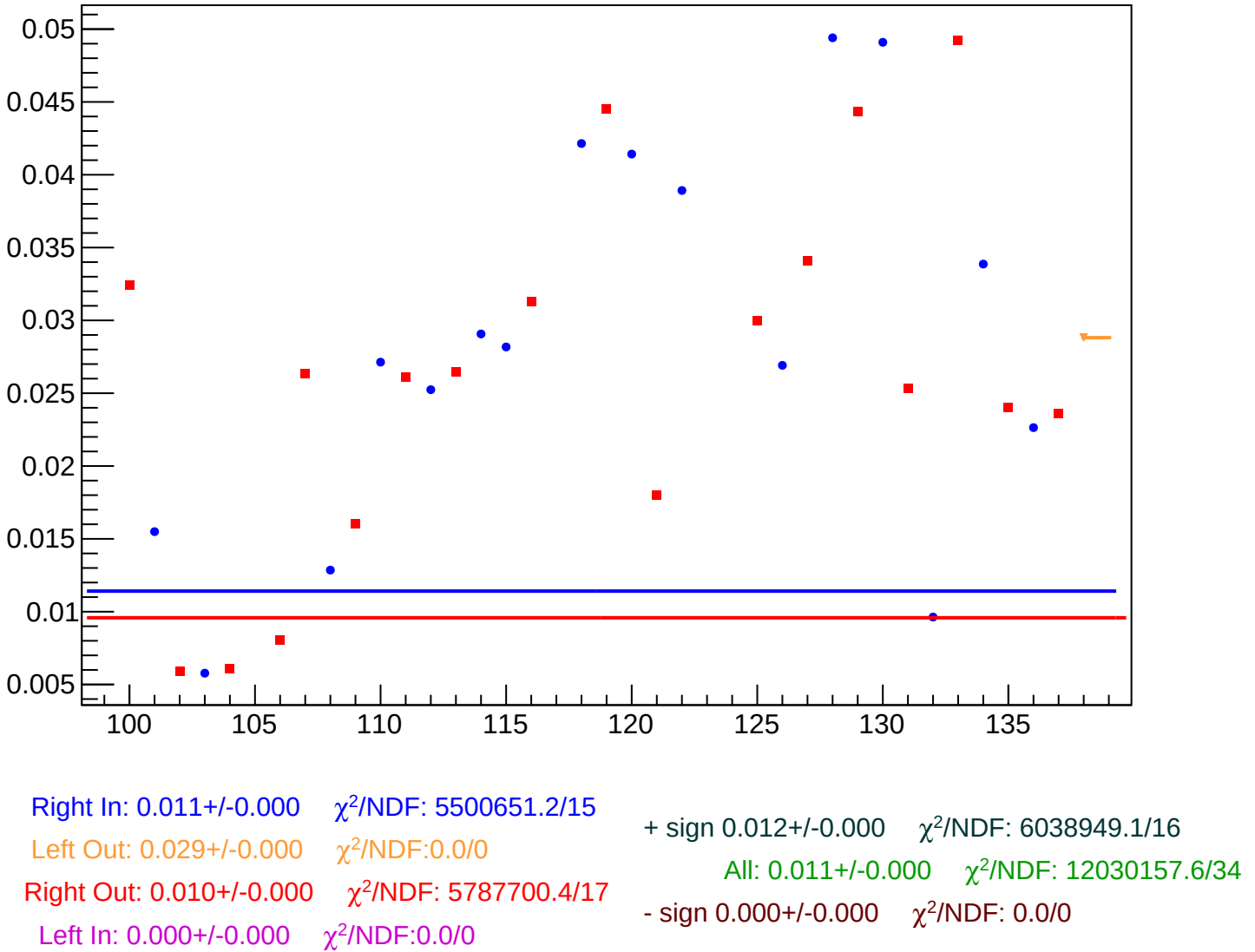
Right Out: 0.000+/-0.000 χ^2/NDF: 17.1/17

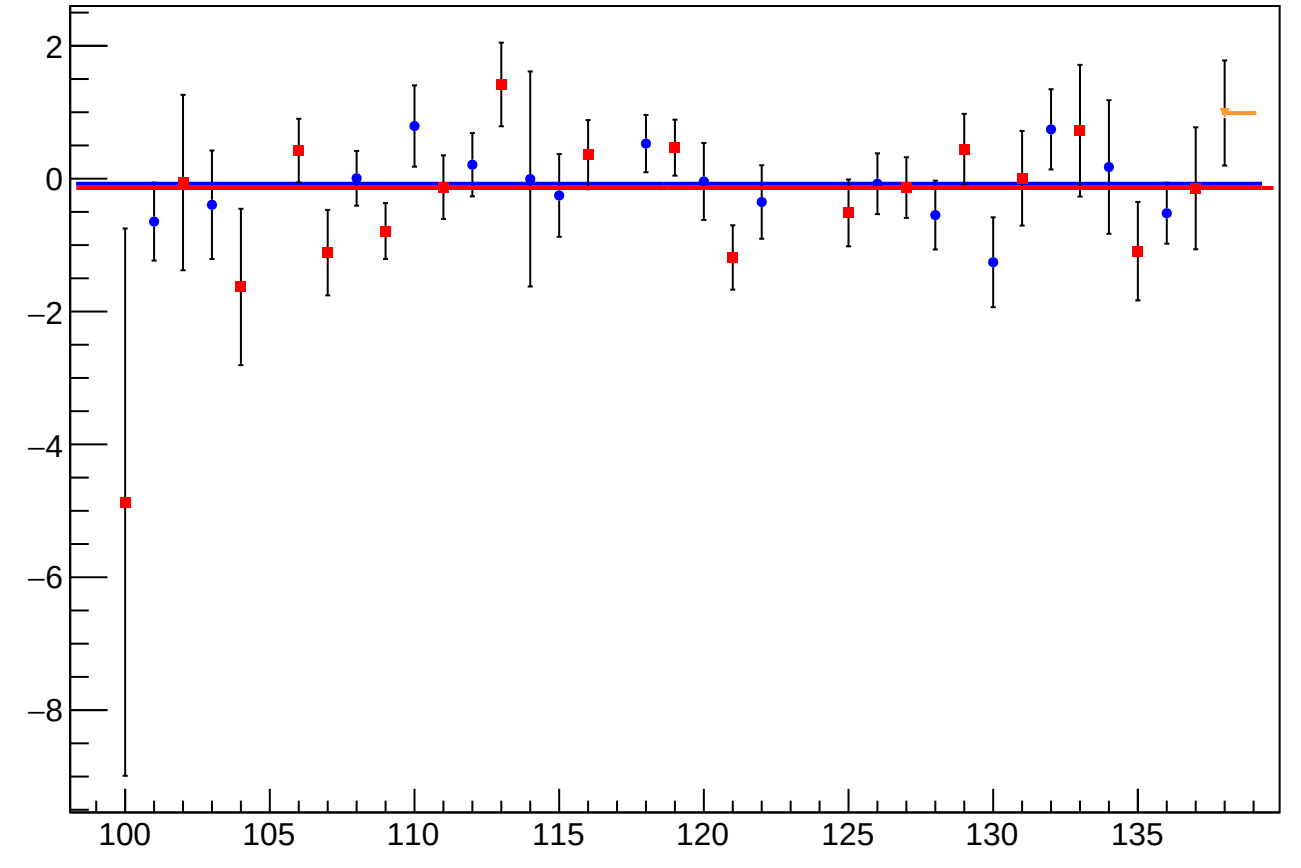
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.2/16

All: 0.000+/-0.000 χ^2/NDF: 34.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
100
105
110
115
120
125
130
135
Right In: 0.011+/-0.000 χ²/NDF: 5500651.2/15
Left Out: 0.029+/-0.000 χ²/NDF:0.0/0
Right Out: 0.010+/-0.000 χ²/NDF: 5787700.4/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.012+/-0.000 χ²/NDF: 6038949.1/16
All: 0.011+/-0.000 χ²/NDF: 12030157.6/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.076+/-0.140 χ^2/NDF: 12.5/15

Left Out: 0.988+/-0.791 χ^2/NDF:0.0/0

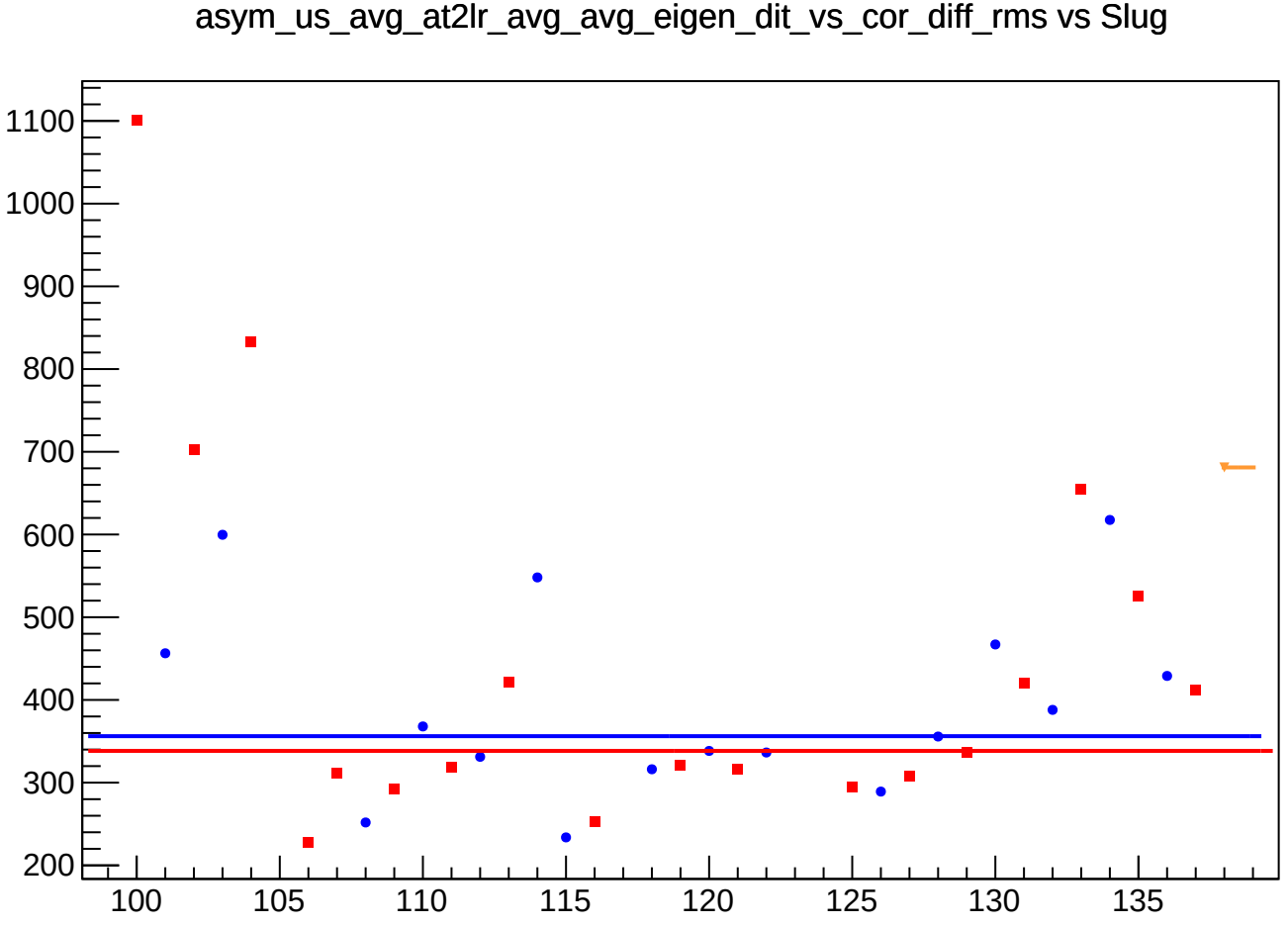
Right Out: -0.140+/-0.138 χ^2/NDF: 27.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.044+/-0.138 χ^2/NDF: 14.3/16

All: -0.092+/-0.097 χ^2/NDF: 41.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 356.188+/-0.099 χ^2/NDF: 785072.9/15

Left Out: 681.078+/-0.559 χ^2/NDF:0.0/0

Right Out: 338.408+/-0.098 χ^2/NDF: 1203260.7/17

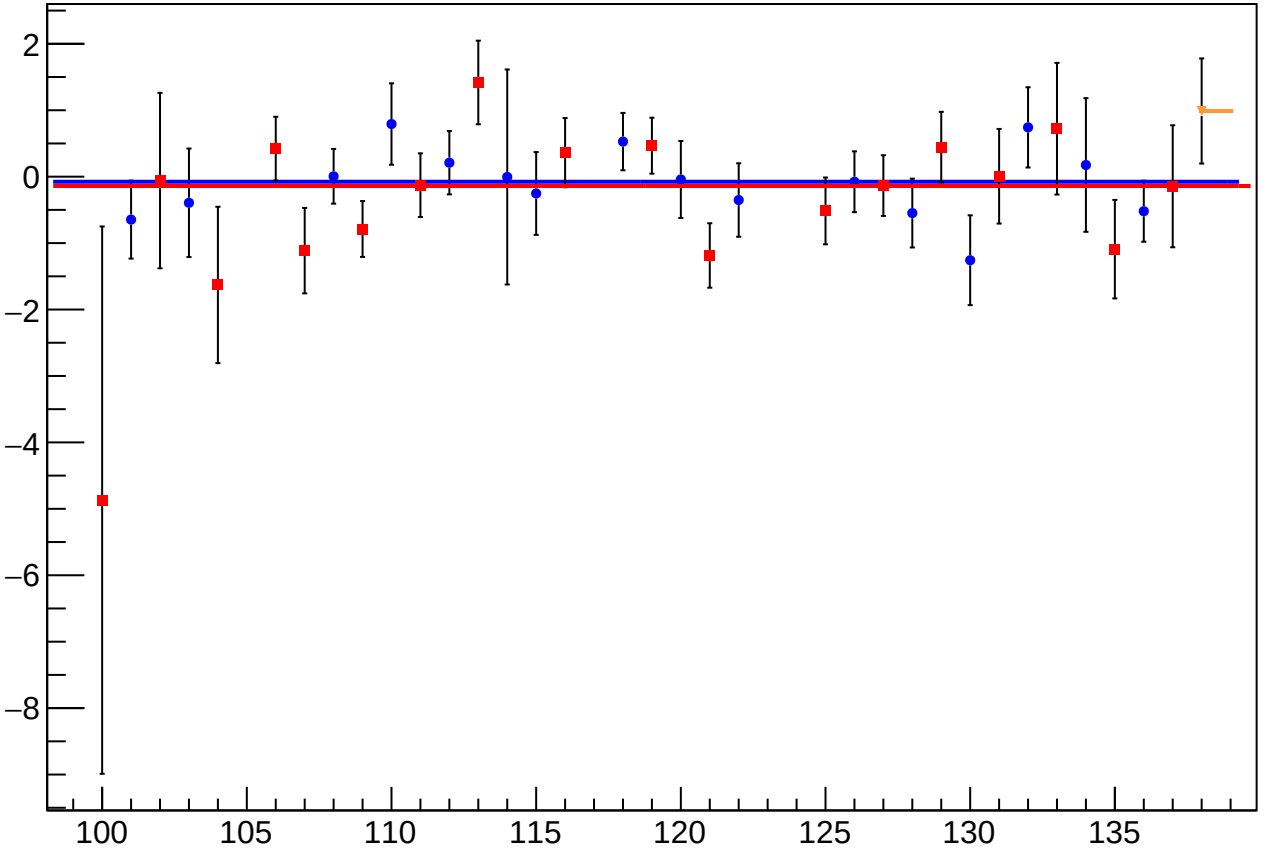
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 366.037+/-0.097 χ^2/NDF: 1112052.6/16

All: 352.243+/-0.069 χ^2/NDF: 2355474.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.076+/-0.140 χ^2/NDF: 12.5/15

Left Out: 0.988+/-0.791 χ^2/NDF:0.0/0

Right Out: -0.140+/-0.138 χ^2/NDF: 27.0/17

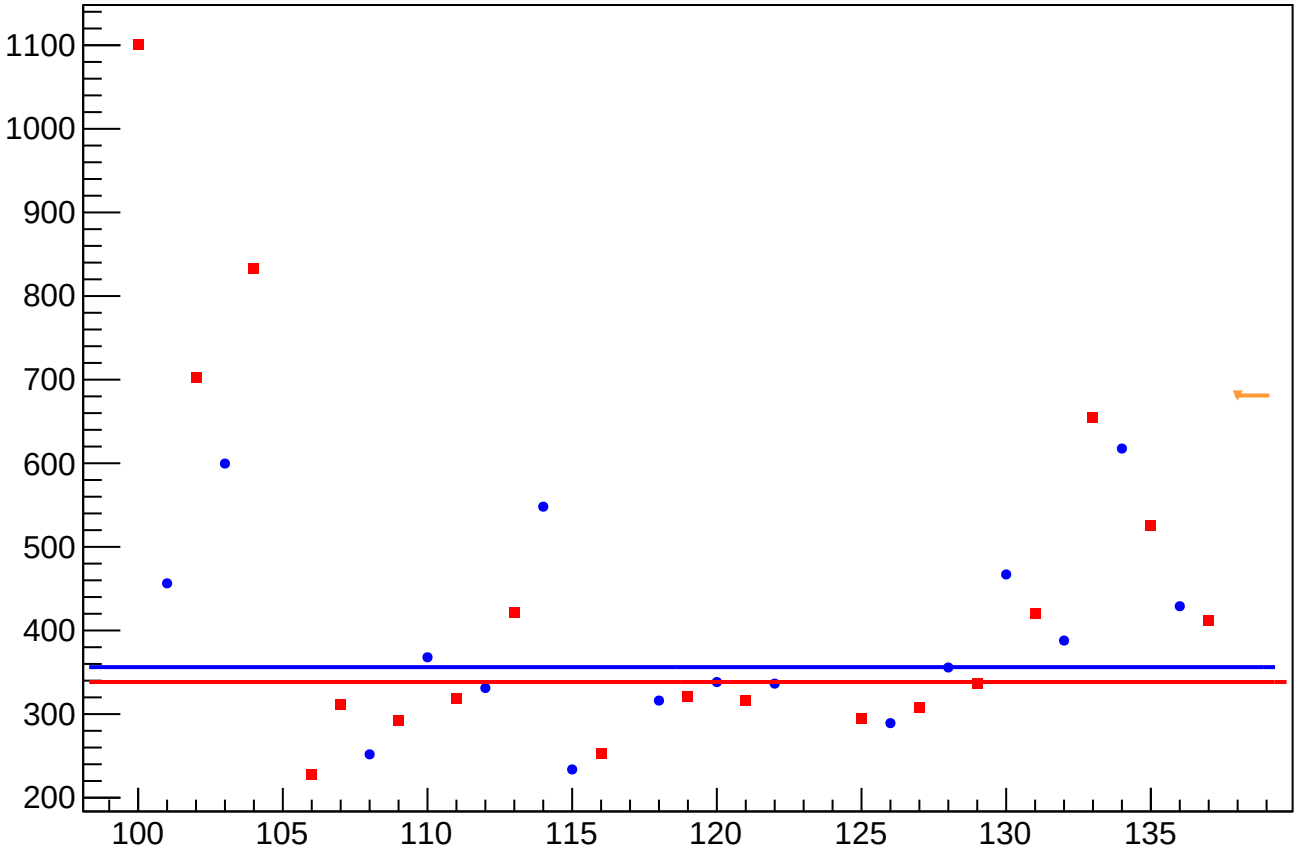
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.044+/-0.138 χ^2/NDF: 14.3/16

All: -0.092+/-0.097 χ^2/NDF: 41.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 356.188+/-0.099 χ^2/NDF: 785072.9/15

Left Out: 681.078+/-0.559 χ^2/NDF:0.0/0

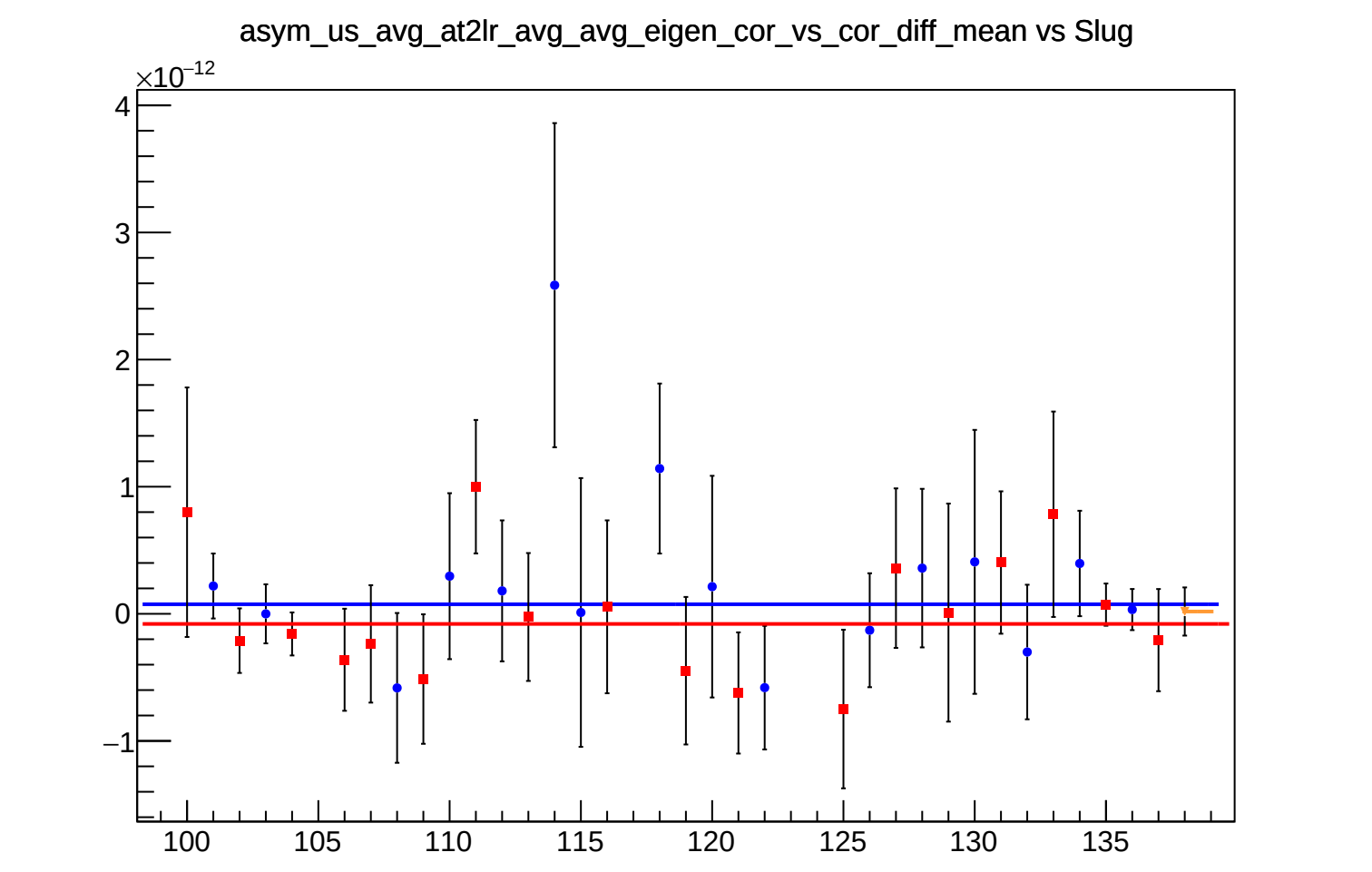
Right Out: 338.408+/-0.098 χ^2/NDF: 1203260.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 366.037+/-0.097 χ^2/NDF: 1112052.6/16

All: 352.243+/-0.069 χ^2/NDF: 2355474.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

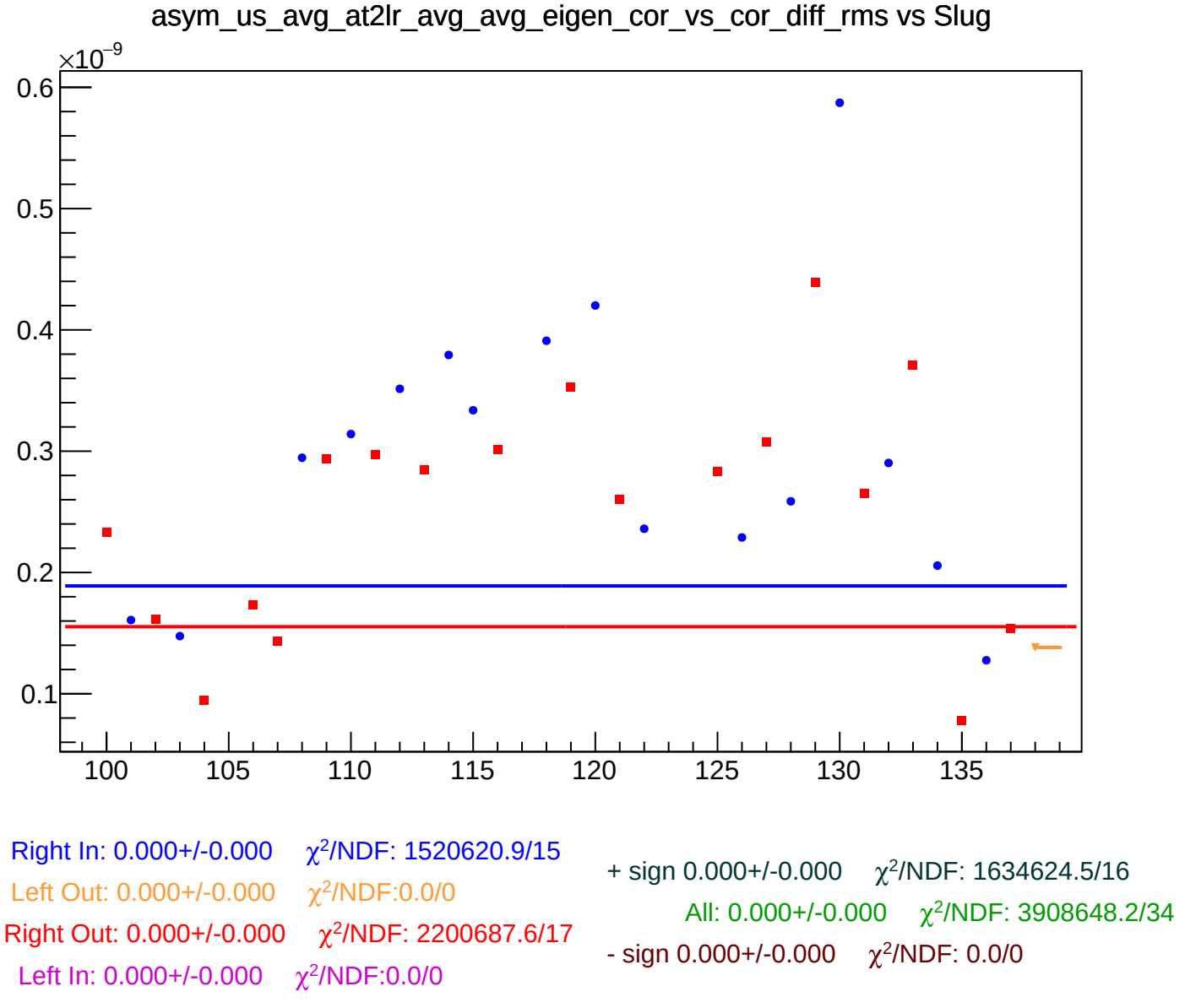
Right Out: -0.000+/-0.000 χ^2/NDF: 13.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

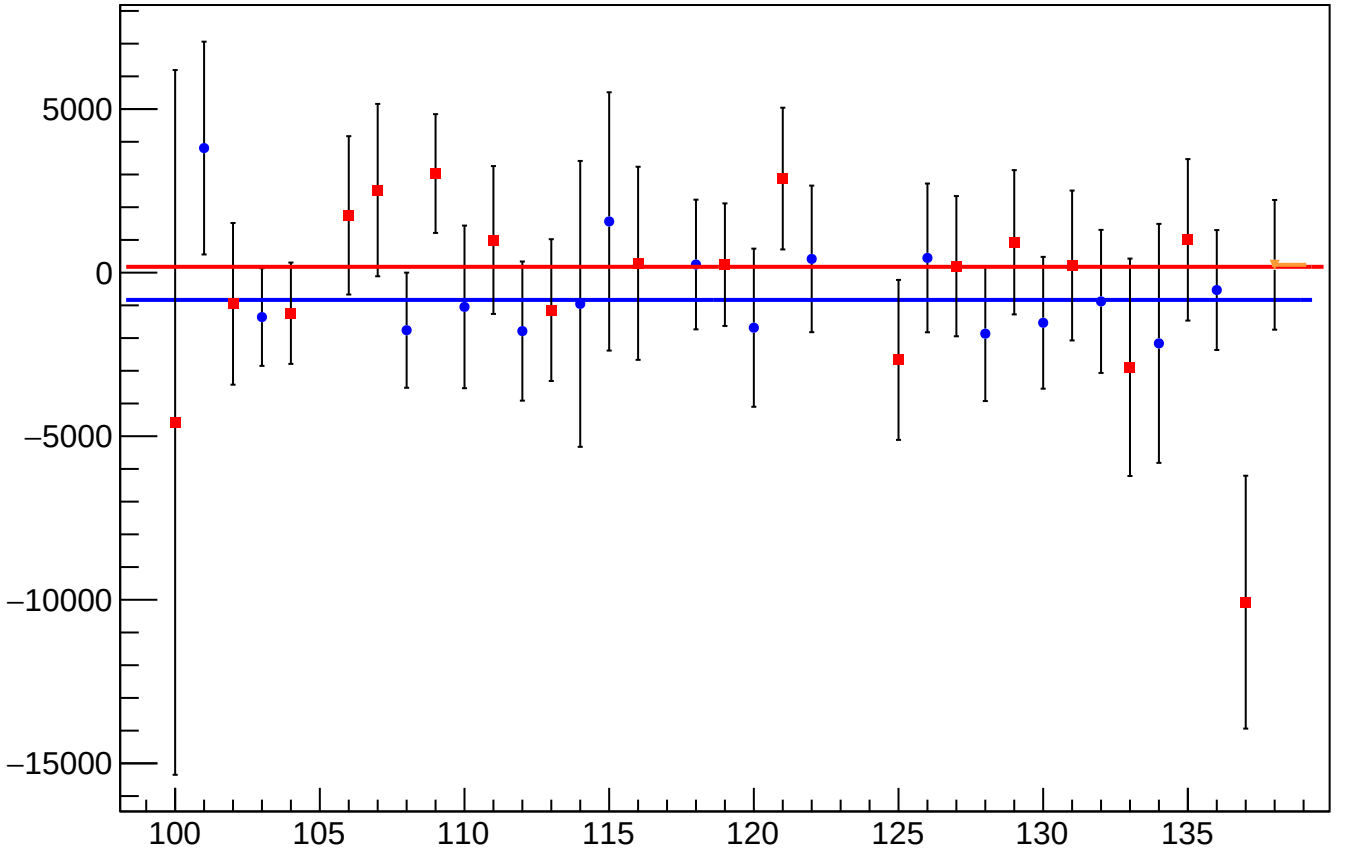
+ sign 0.000+/-0.000 χ^2/NDF: 11.9/16

All: -0.000+/-0.000 χ^2/NDF: 26.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.6
0.5
0.4
0.3
0.2
0.1
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1520620.9/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2200687.6/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1634624.5/16
All: 0.000+/-0.000 χ²/NDF: 3908648.2/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -833.479+/-554.833 χ^2/NDF: 4.6/15

Left Out: 239.003+/-1982.179 χ^2/NDF:0.0/0

Right Out: 178.292+/-547.824 χ^2/NDF: 16.5/17

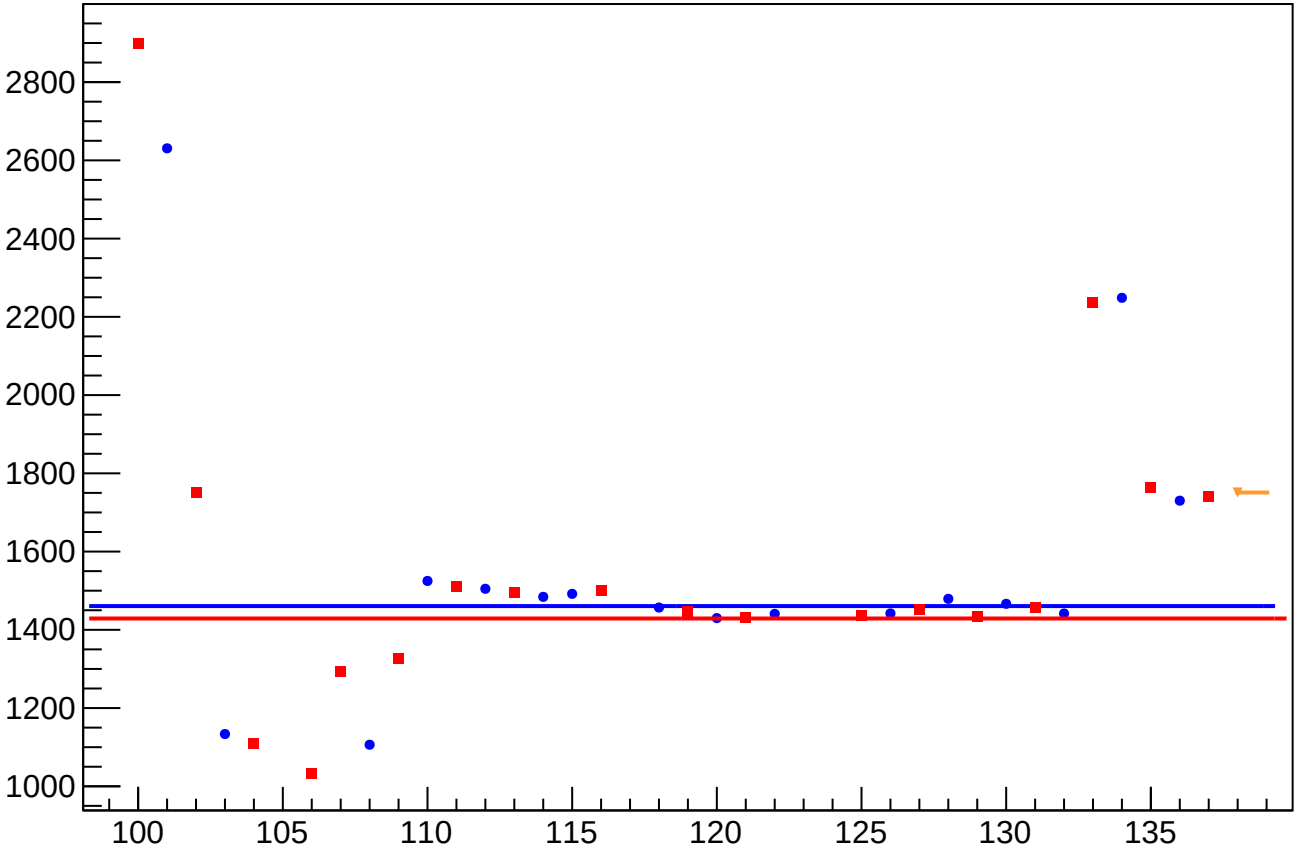
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -755.556+/-534.297 χ^2/NDF: 4.9/16

All: -300.303+/-382.498 χ^2/NDF: 22.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1460.653+/-0.392 χ^2/NDF: 575736.1/15

Left Out: 1751.007+/-1.402 χ^2/NDF:0.0/0

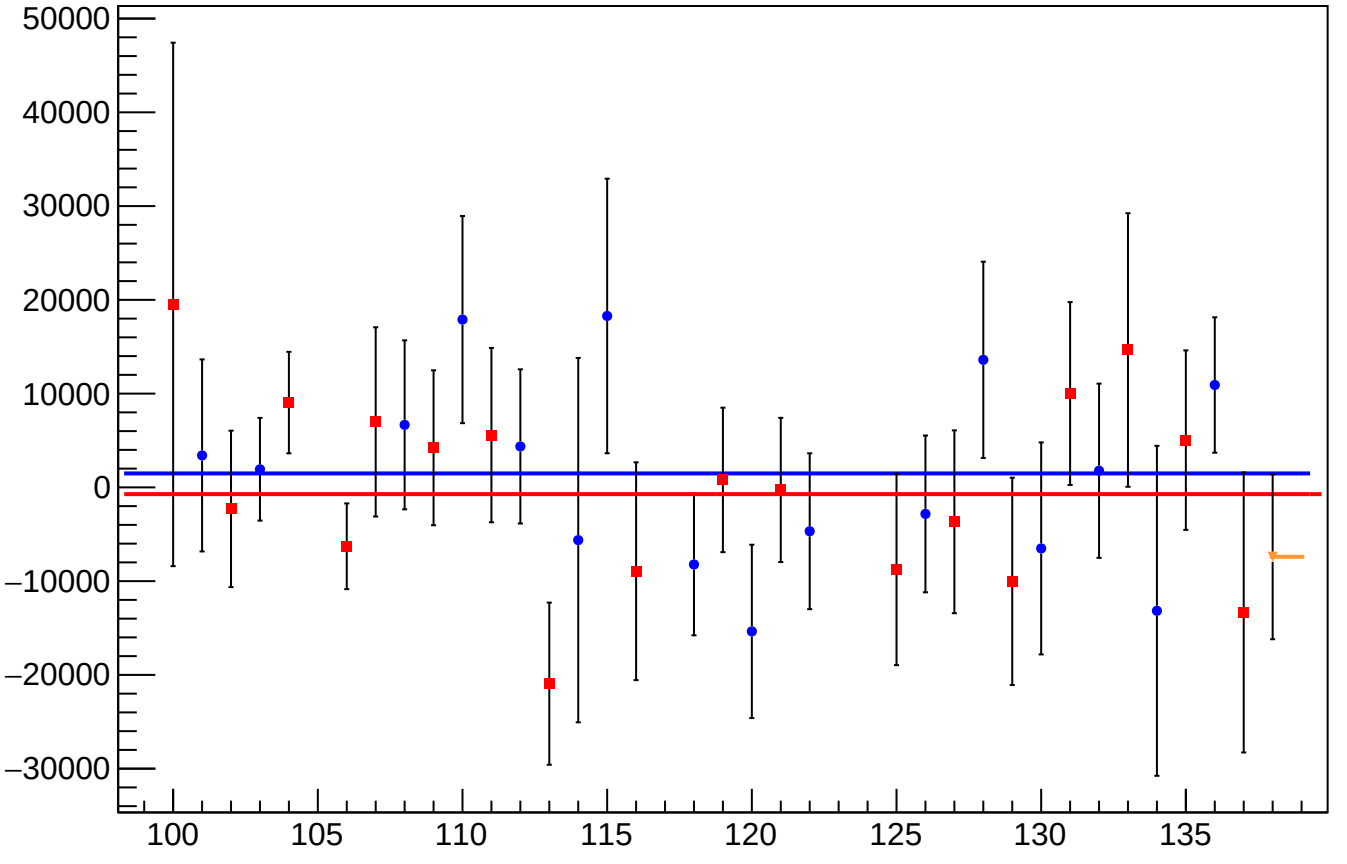
Right Out: 1428.940+/-0.385 χ^2/NDF: 411275.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1481.750+/-0.378 χ^2/NDF: 615532.2/16

All: 1455.809+/-0.269 χ^2/NDF: 1036405.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1487.438+/-2268.028 χ^2/NDF: 14.2/15

Left Out: -7403.360+/-8792.658 χ^2/NDF:0.0/0

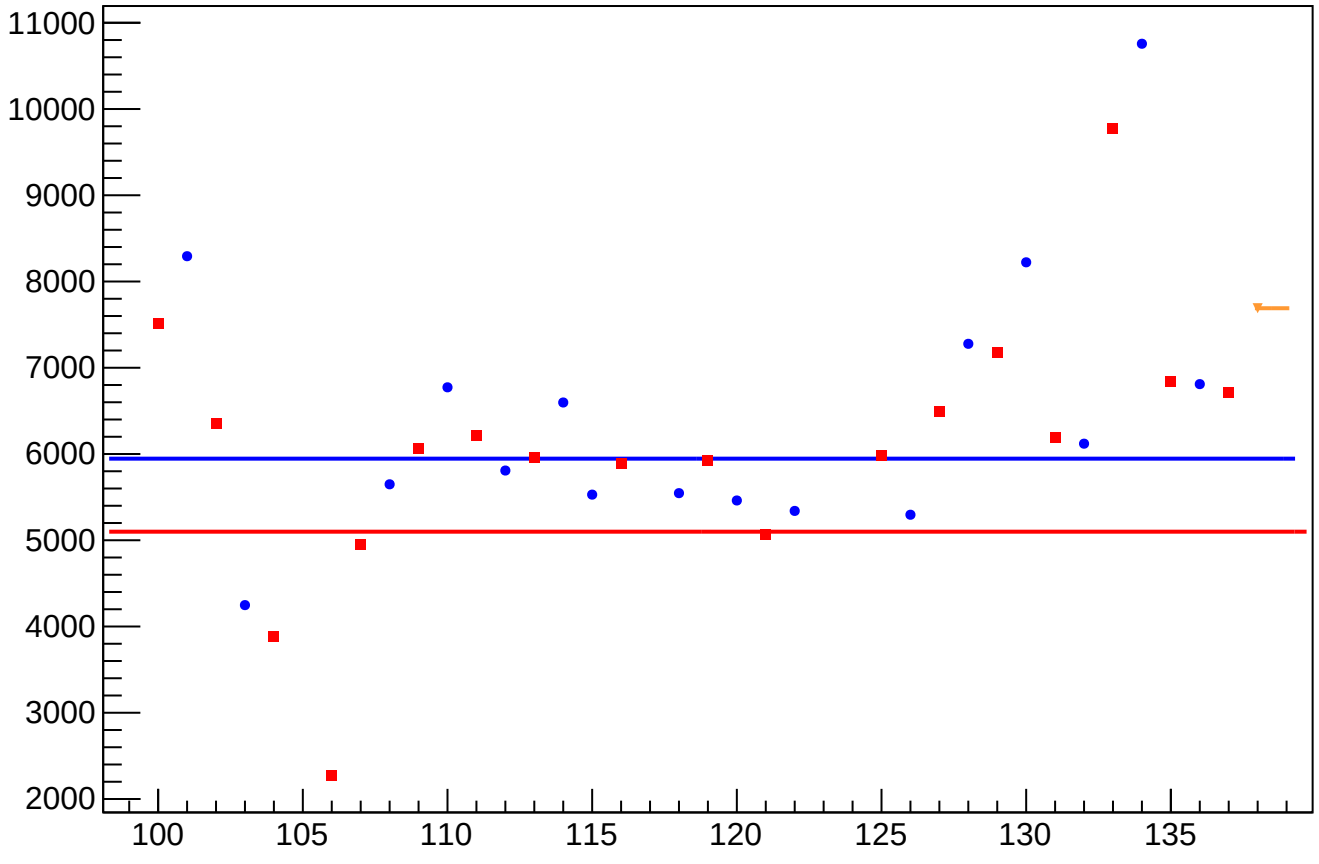
Right Out: -720.166+/-2011.559 χ^2/NDF: 17.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 932.784+/-2196.144 χ^2/NDF: 15.1/16

All: 33.936+/-1483.358 χ^2/NDF: 33.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5946.080+/-1.604 χ^2/NDF: 641131.4/15

Left Out: 7690.200+/-6.217 χ^2/NDF:0.0/0

Right Out: 5099.375+/-1.422 χ^2/NDF: 1480367.2/17

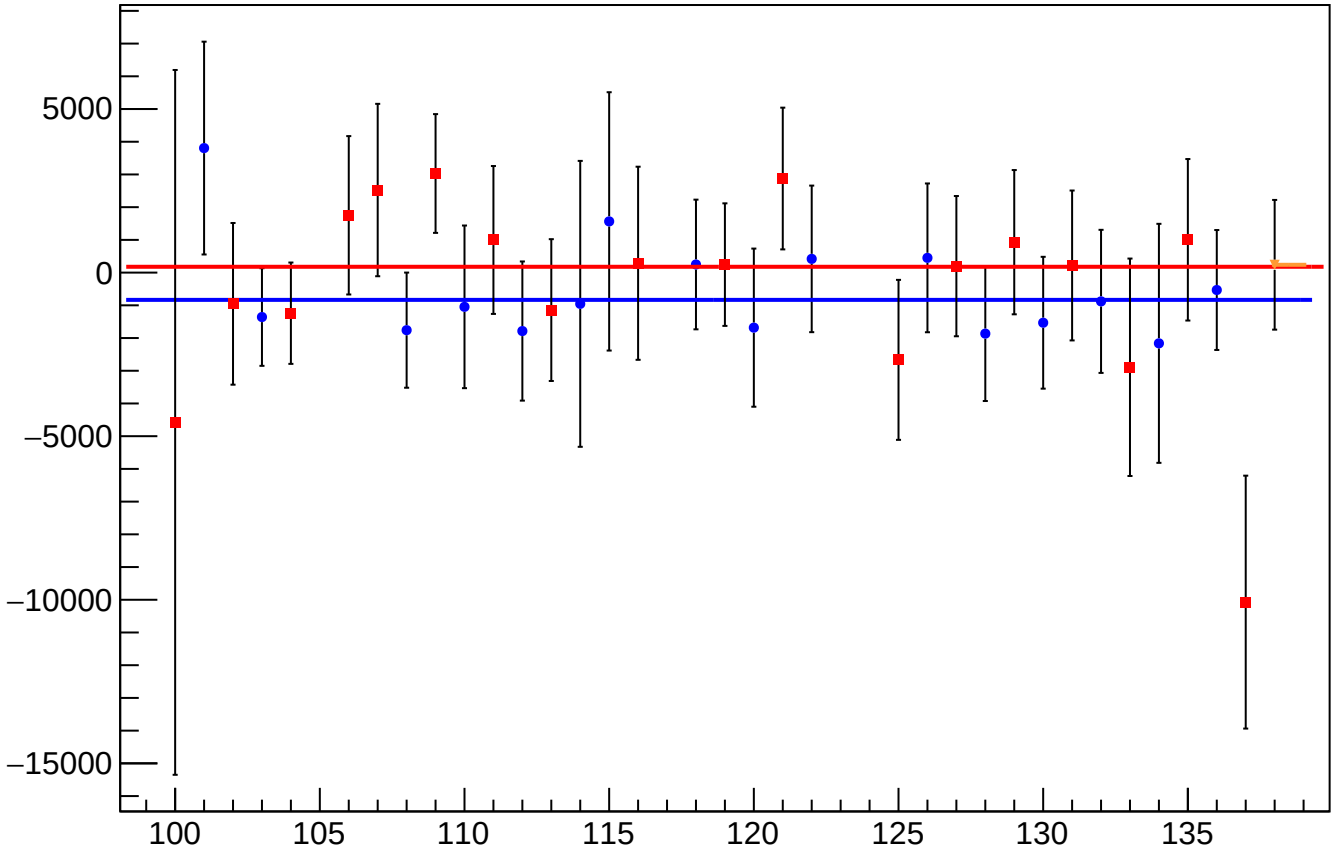
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6054.887+/-1.553 χ^2/NDF: 714916.3/16

All: 5535.294+/-1.049 χ^2/NDF: 2401160.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -833.542+/-554.833 χ^2/NDF: 4.6/15

Left Out: 238.834+/-1982.179 χ^2/NDF:0.0/0

Right Out: 178.133+/-547.824 χ^2/NDF: 16.5/17

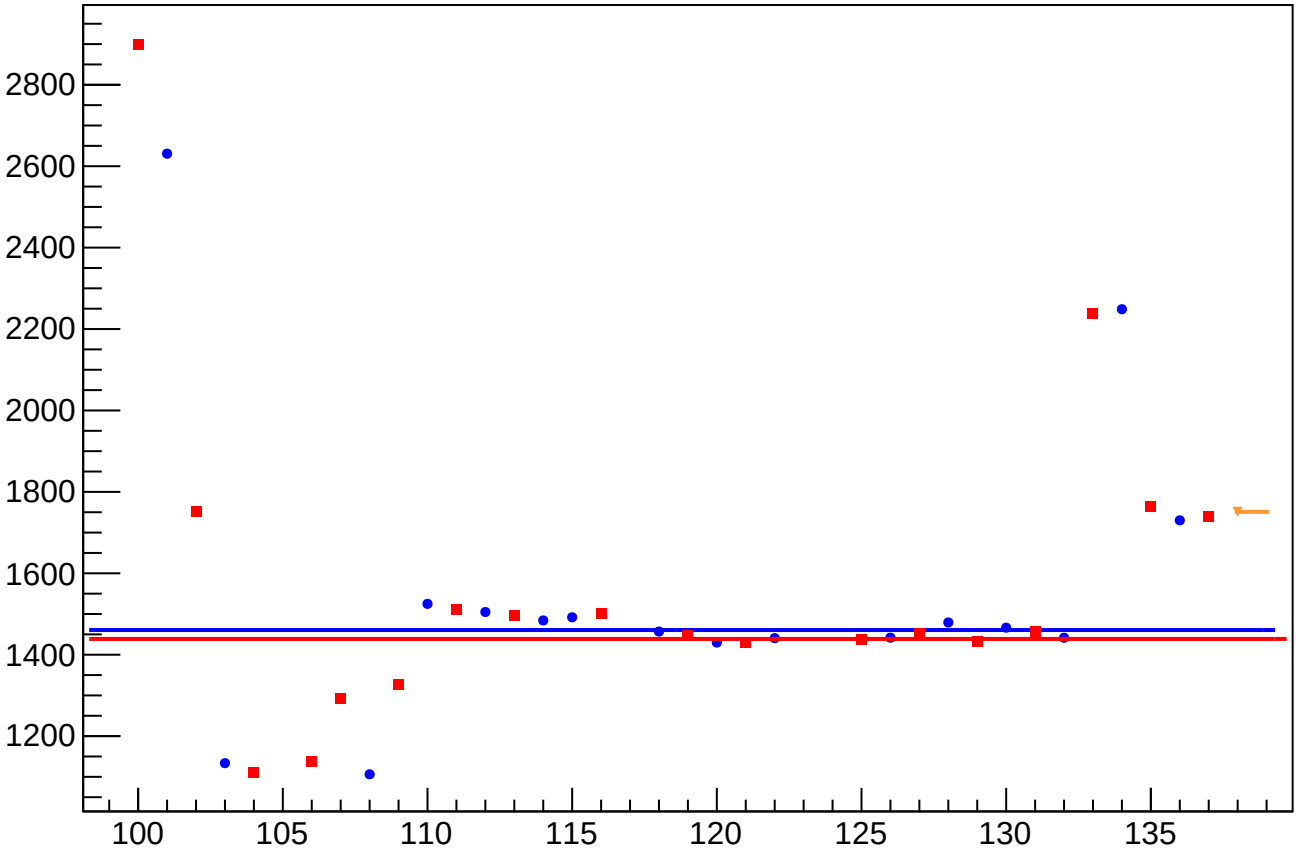
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -755.626+/-534.297 χ^2/NDF: 4.9/16

All: -300.417+/-382.498 χ^2/NDF: 22.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1460.653+/-0.392 χ^2/NDF: 575736.3/15

Left Out: 1751.008+/-1.402 χ^2/NDF:0.0/0

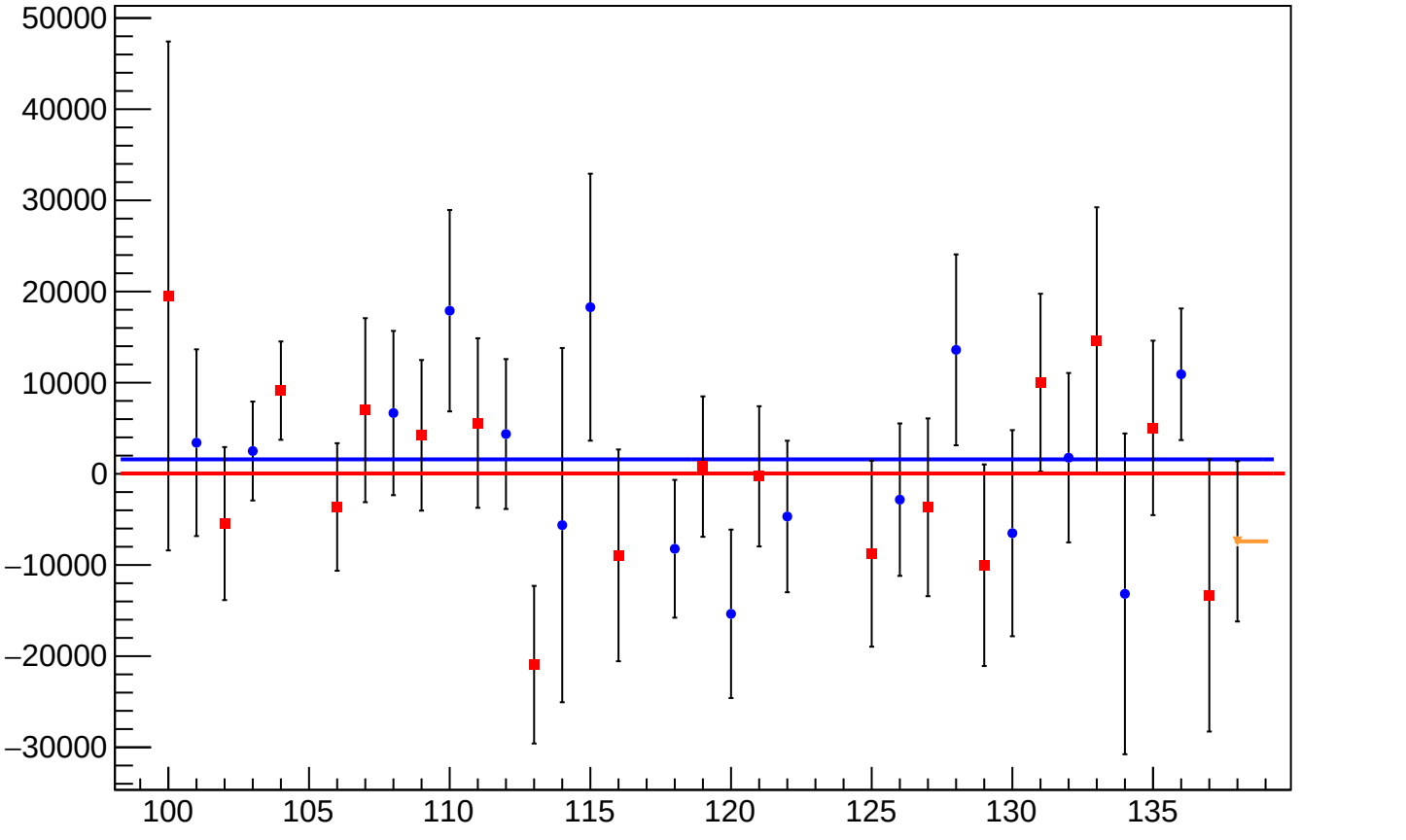
Right Out: 1438.764+/-0.386 χ^2/NDF: 373375.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1481.750+/-0.378 χ^2/NDF: 615532.5/16

All: 1460.745+/-0.270 χ^2/NDF: 995233.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1588.655+/-2264.260 χ^2/NDF: 14.2/15

Left Out: -7403.501+/-8792.648 χ^2/NDF:0.0/0

Right Out: 40.643+/-2133.039 χ^2/NDF: 16.5/17

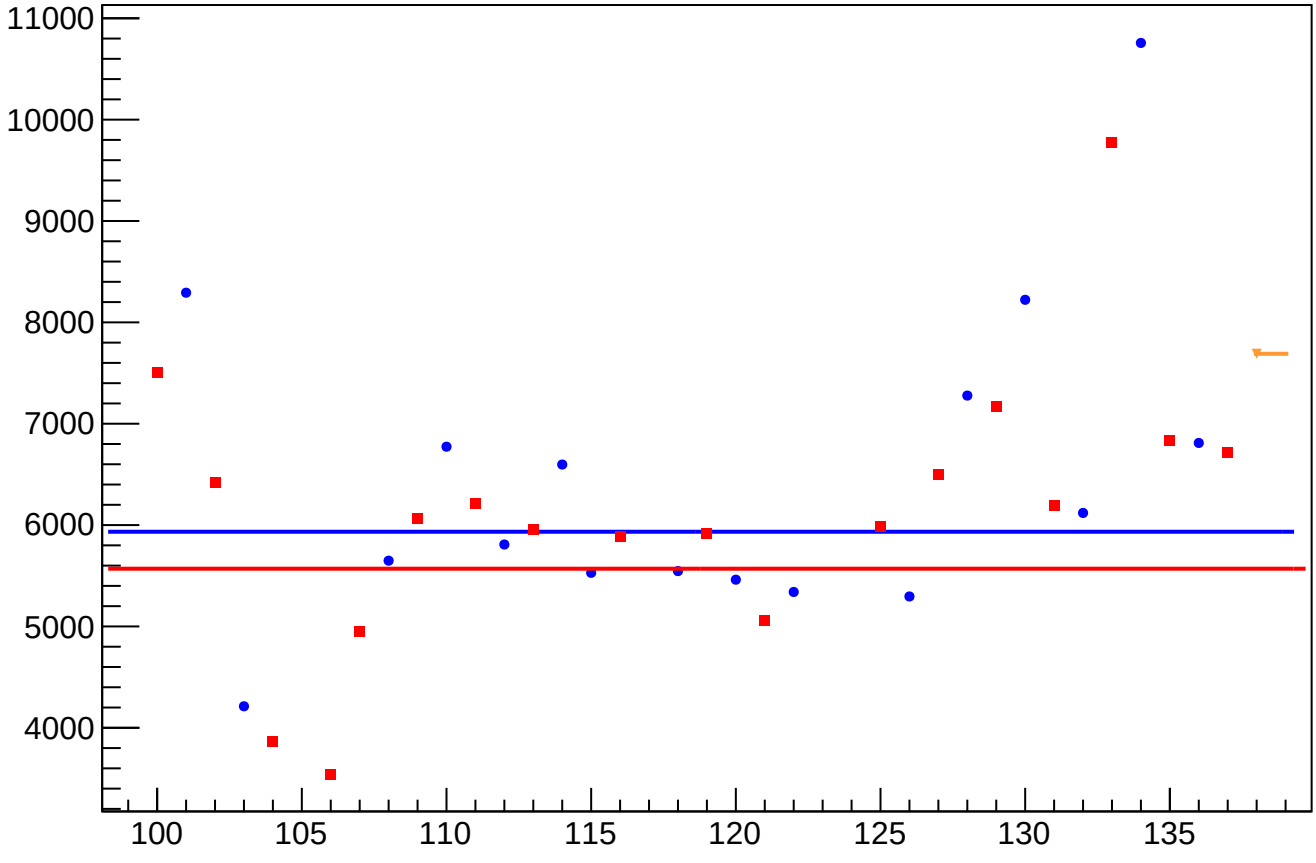
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1029.424+/-2192.722 χ^2/NDF: 15.2/16

All: 521.394+/-1528.951 χ^2/NDF: 31.7/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



Right In: 5934.209+/-1.601 χ^2/NDF: 653082.9/15

Left Out: 7690.191+/-6.217 χ^2/NDF:0.0/0

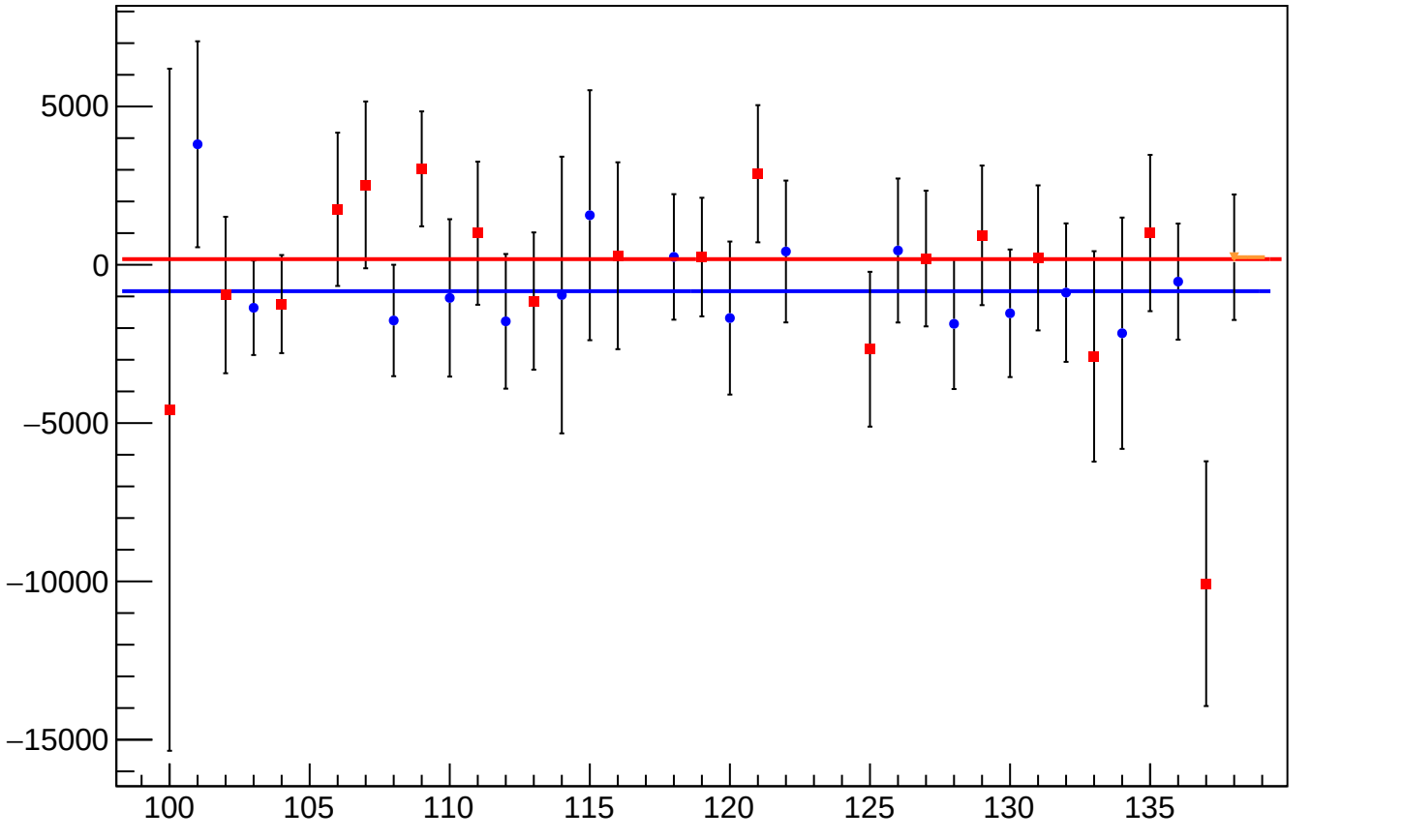
Right Out: 5569.606+/-1.508 χ^2/NDF: 724048.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6043.415+/-1.550 χ^2/NDF: 727890.4/16

All: 5799.975+/-1.081 χ^2/NDF: 1499919.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -833.542+/-554.833 χ^2/NDF: 4.6/15

Left Out: 238.834+/-1982.179 χ^2/NDF:0.0/0

Right Out: 178.133+/-547.824 χ^2/NDF: 16.5/17

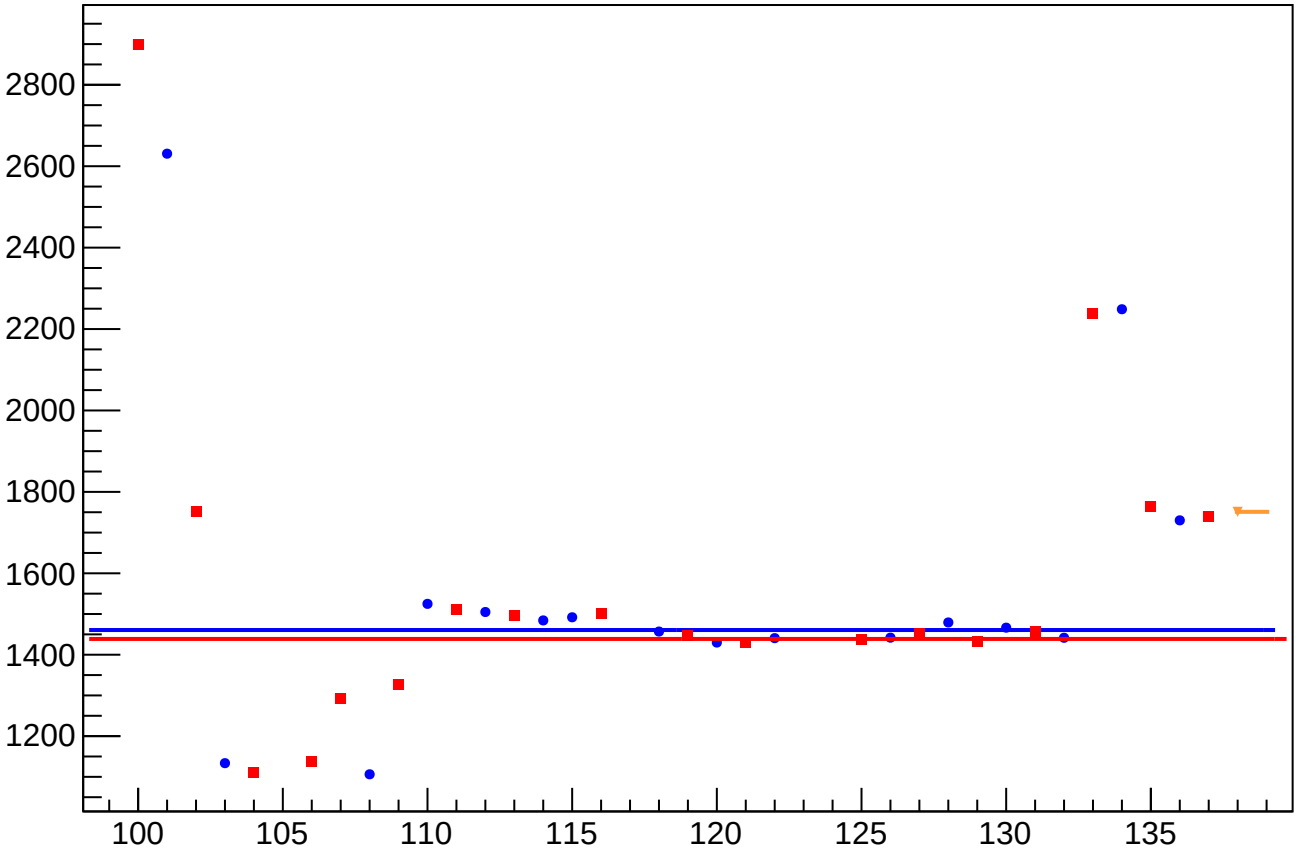
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -755.626+/-534.297 χ^2/NDF: 4.9/16

All: -300.417+/-382.498 χ^2/NDF: 22.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1460.653+/-0.392 χ^2/NDF: 575736.3/15

Left Out: 1751.008+/-1.402 χ^2/NDF:0.0/0

Right Out: 1438.764+/-0.386 χ^2/NDF: 373375.6/17

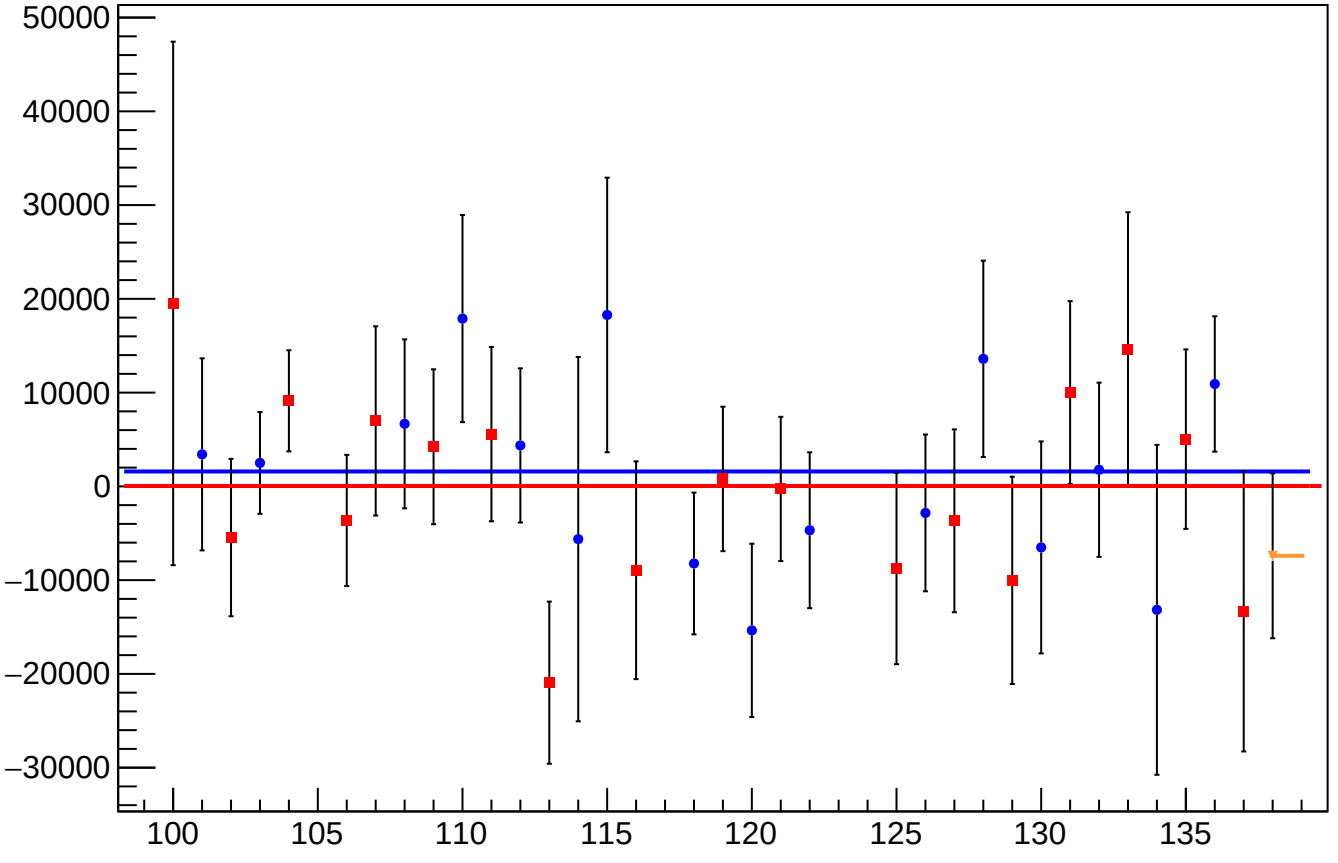
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1481.750+/-0.378 χ^2/NDF: 615532.5/16

All: 1460.745+/-0.270 χ^2/NDF: 995233.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 1588.655+/-2264.260 χ^2/NDF: 14.2/15

Left Out: -7403.501+/-8792.648 χ^2/NDF:0.0/0

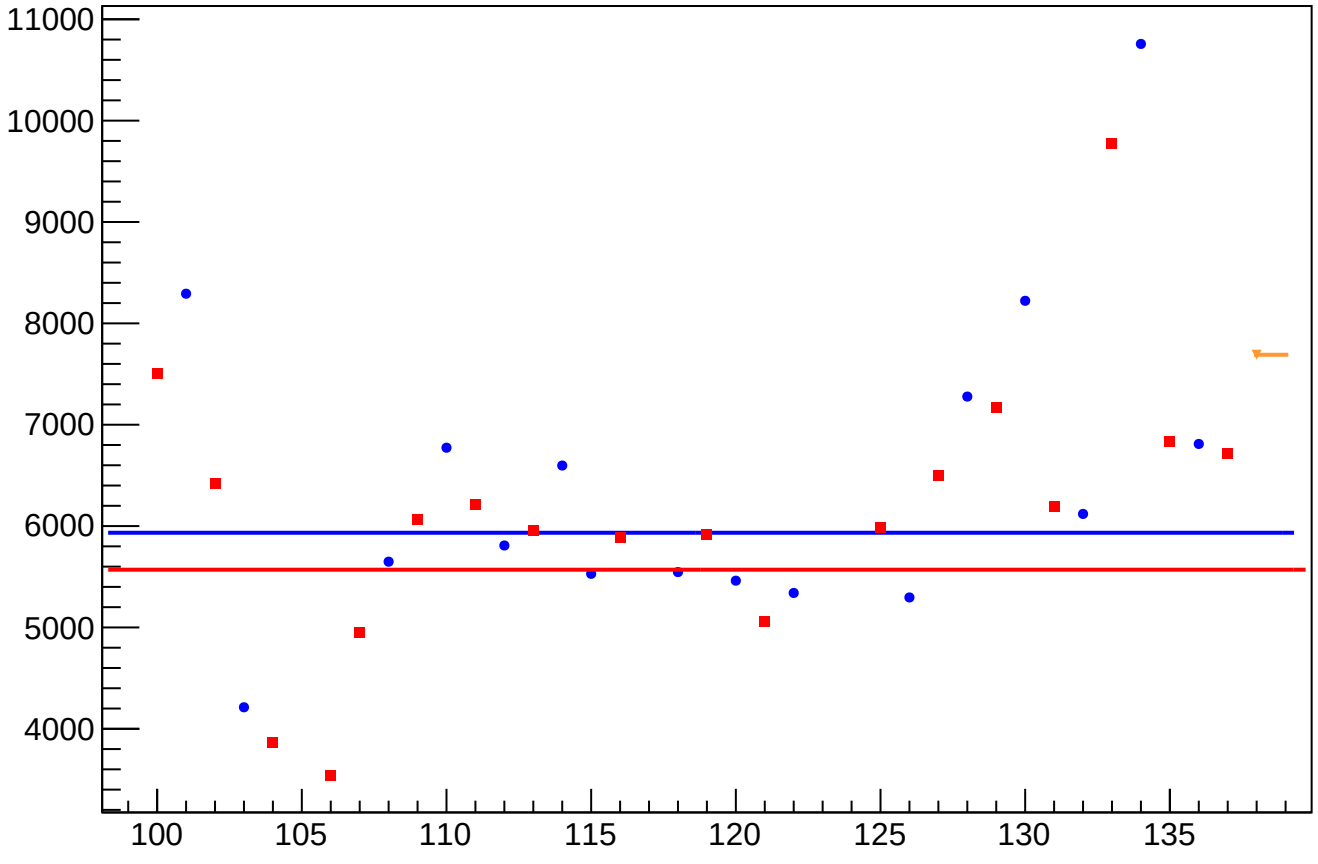
Right Out: 40.643+/-2133.039 χ^2/NDF: 16.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1029.424+/-2192.722 χ^2/NDF: 15.2/16

All: 521.394+/-1528.951 χ^2/NDF: 31.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5934.209+/-1.601 χ^2/NDF: 653082.9/15

Left Out: 7690.191+/-6.217 χ^2/NDF:0.0/0

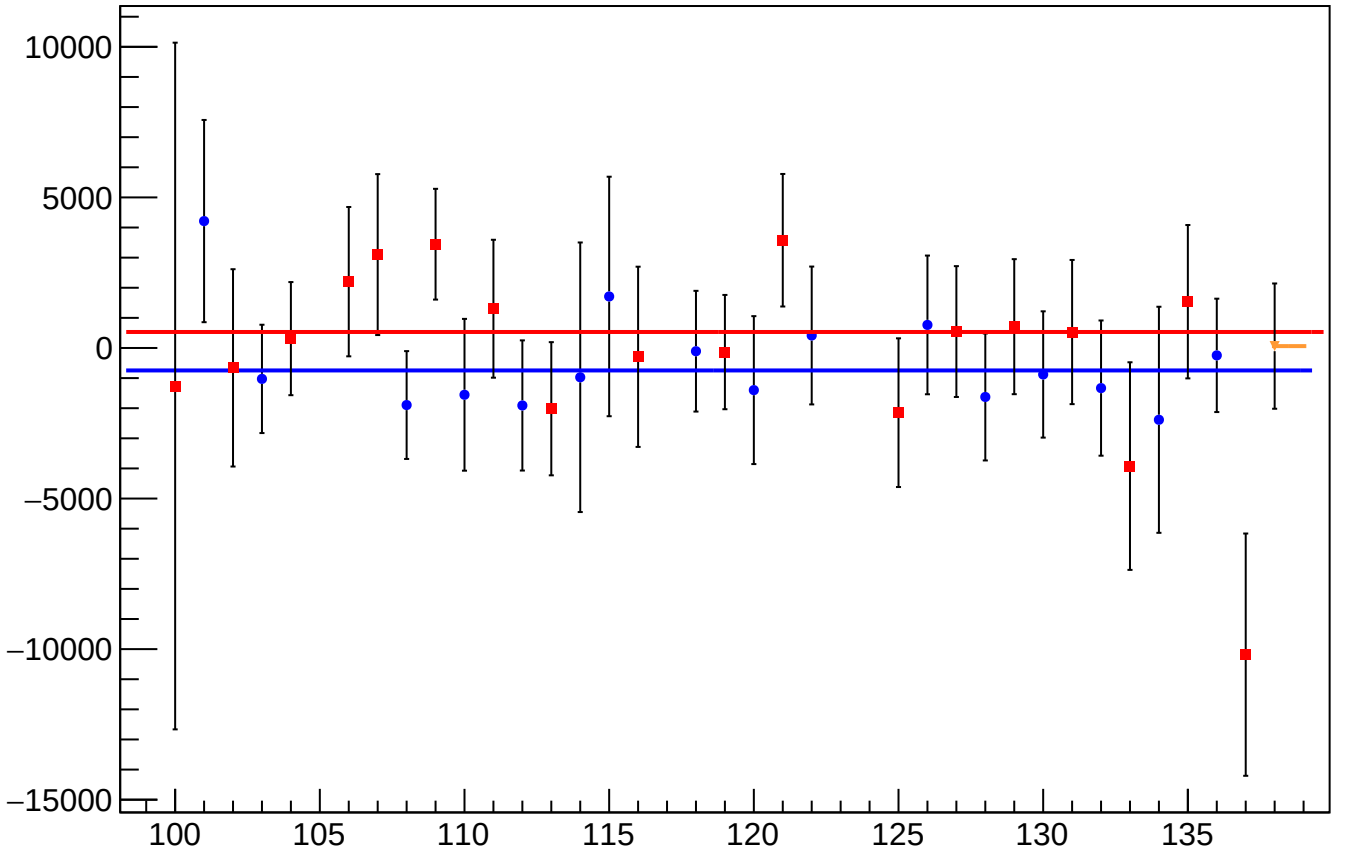
Right Out: 5569.606+/-1.508 χ^2/NDF: 724048.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6043.415+/-1.550 χ^2/NDF: 727890.4/16

All: 5799.975+/-1.081 χ^2/NDF: 1499919.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -745.914+/-578.071 χ^2/NDF: 4.8/15

Left Out: 61.978+/-2080.055 χ^2/NDF:0.0/0

Right Out: 531.292+/-575.115 χ^2/NDF: 17.7/17

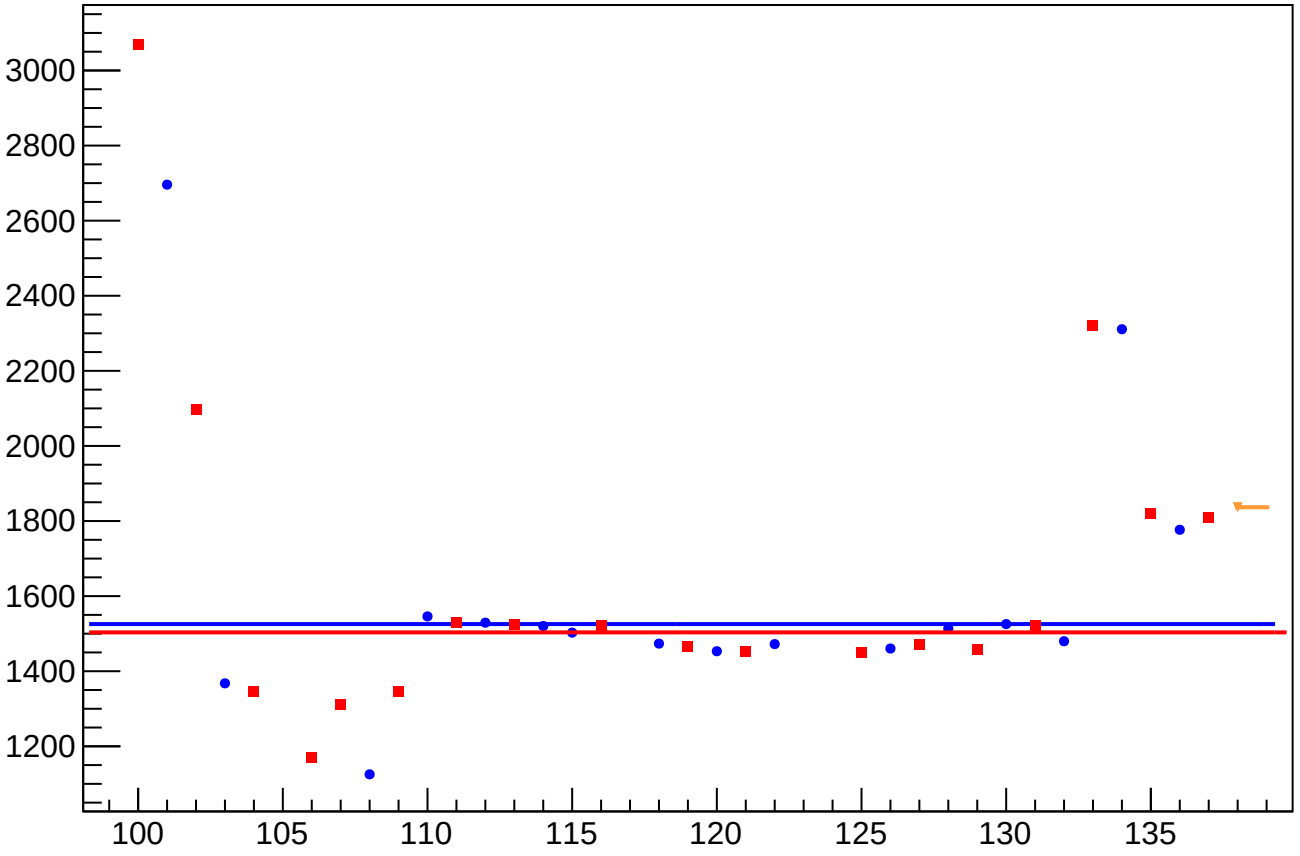
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -687.990+/-556.962 χ^2/NDF: 4.9/16

All: -97.894+/-400.095 χ^2/NDF: 24.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1525.536+/-0.409 χ^2/NDF: 488328.2/15

Left Out: 1836.784+/-1.471 χ^2/NDF:0.0/0

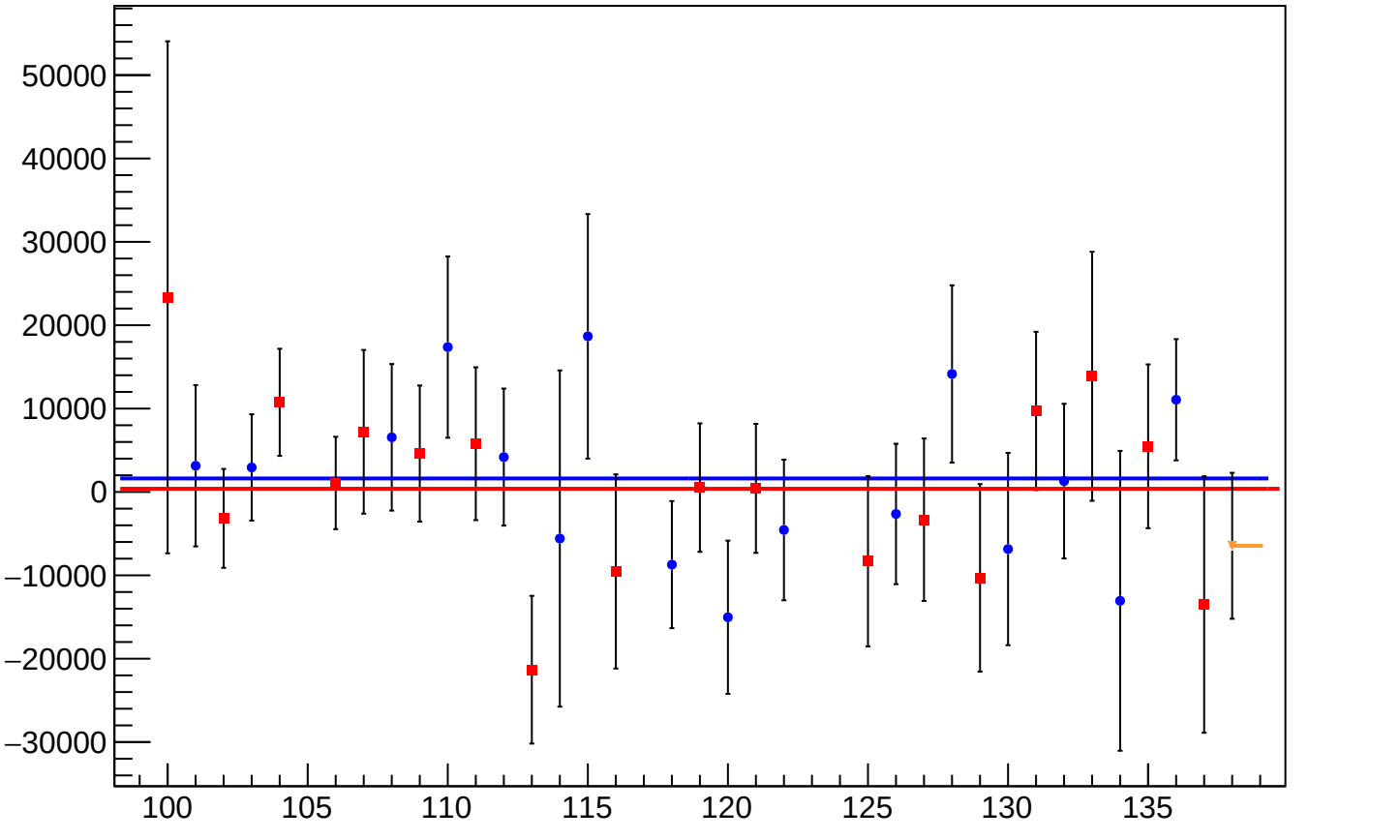
Right Out: 1503.434+/-0.407 χ^2/NDF: 338507.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1547.851+/-0.394 χ^2/NDF: 529898.6/16

All: 1526.348+/-0.283 χ^2/NDF: 874563.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1620.058+/-2320.032 χ^2/NDF: 14.3/15

Left Out: -6456.728+/-8753.582 χ^2/NDF:0.0/0

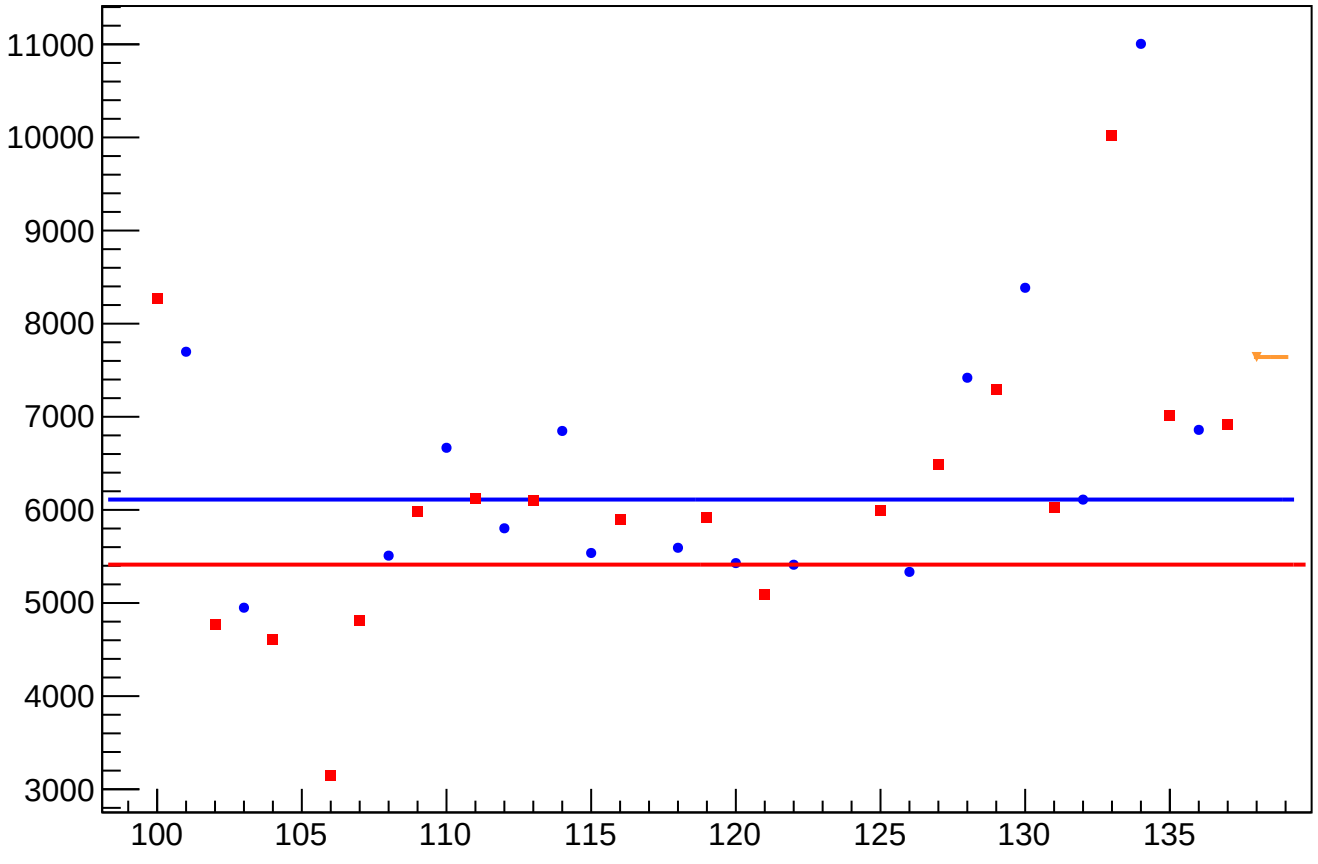
Right Out: 385.942+/-2060.867 χ^2/NDF: 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1089.941+/-2242.603 χ^2/NDF: 15.0/16

All: 708.264+/-1517.441 χ^2/NDF: 31.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6111.037+/-1.641 χ^2/NDF: 471661.4/15

Left Out: 7641.773+/-6.190 χ^2/NDF:0.0/0

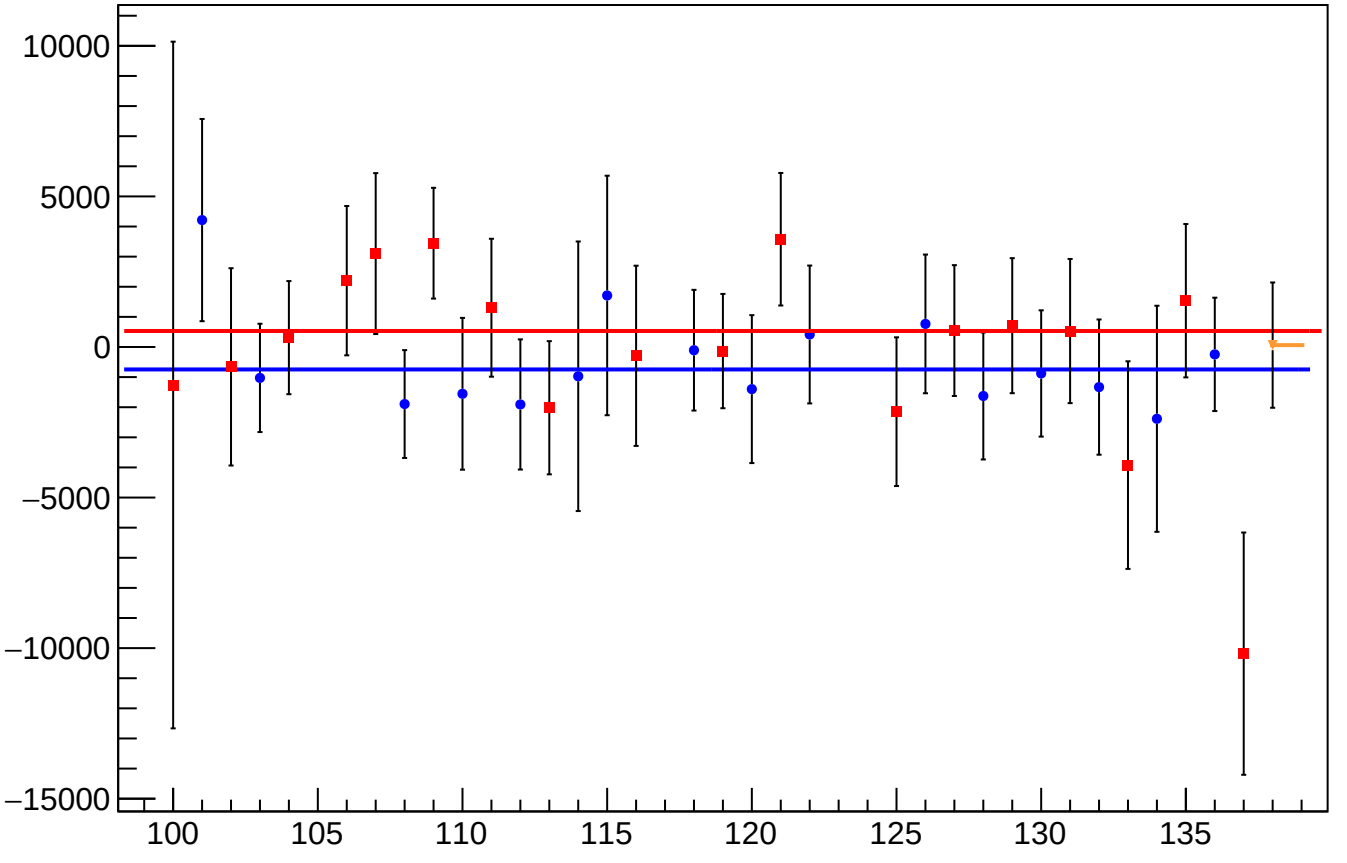
Right Out: 5412.276+/-1.457 χ^2/NDF: 821530.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6211.506+/-1.586 χ^2/NDF: 528806.1/16

All: 5778.200+/-1.073 χ^2/NDF: 1488054.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -745.918+/-578.071 χ^2/NDF: 4.8/15

Left Out: 61.952+/-2080.056 χ^2/NDF:0.0/0

Right Out: 531.302+/-575.115 χ^2/NDF: 17.7/17

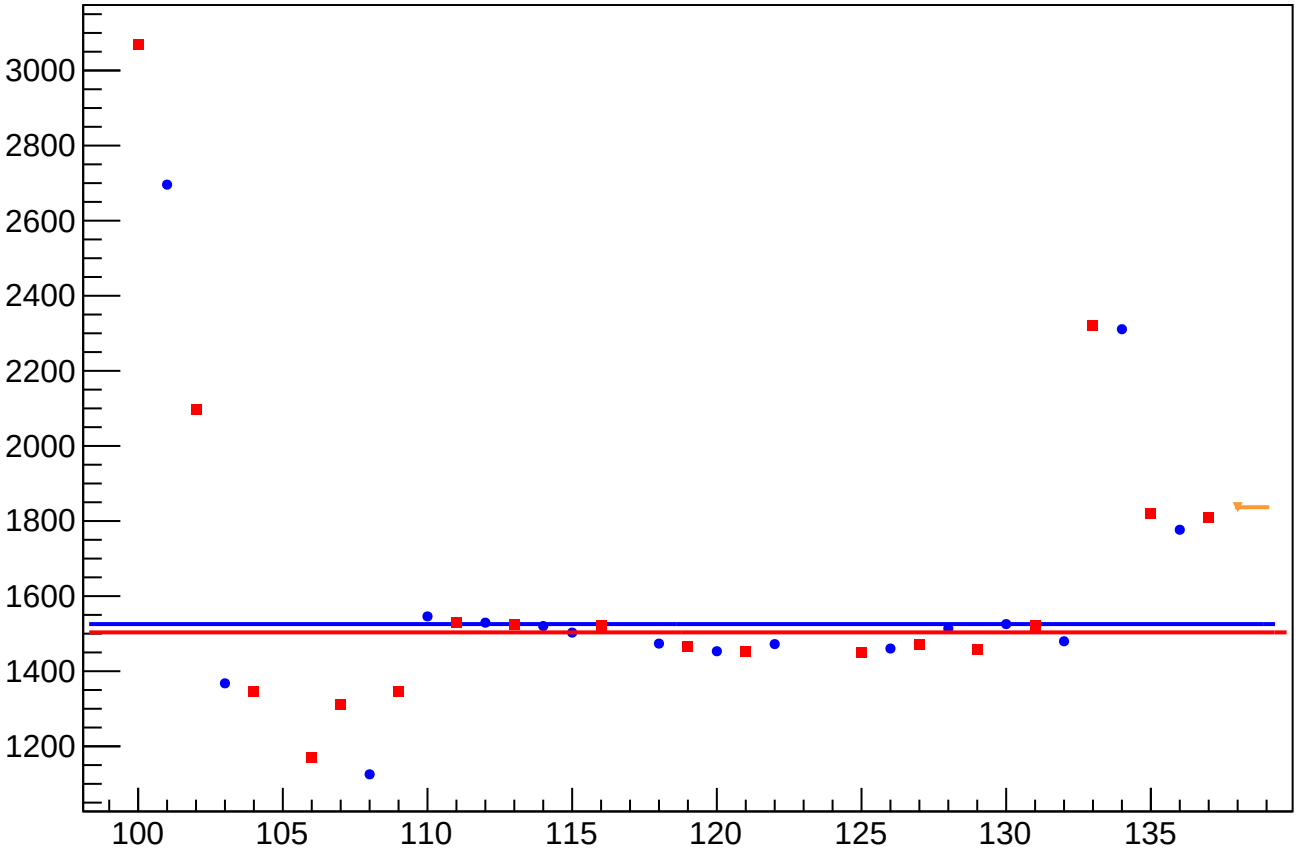
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -687.996+/-556.962 χ^2/NDF: 4.9/16

All: -97.893+/-400.095 χ^2/NDF: 24.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1525.536+/-0.409 χ^2/NDF: 488327.8/15

Left Out: 1836.785+/-1.471 χ^2/NDF:0.0/0

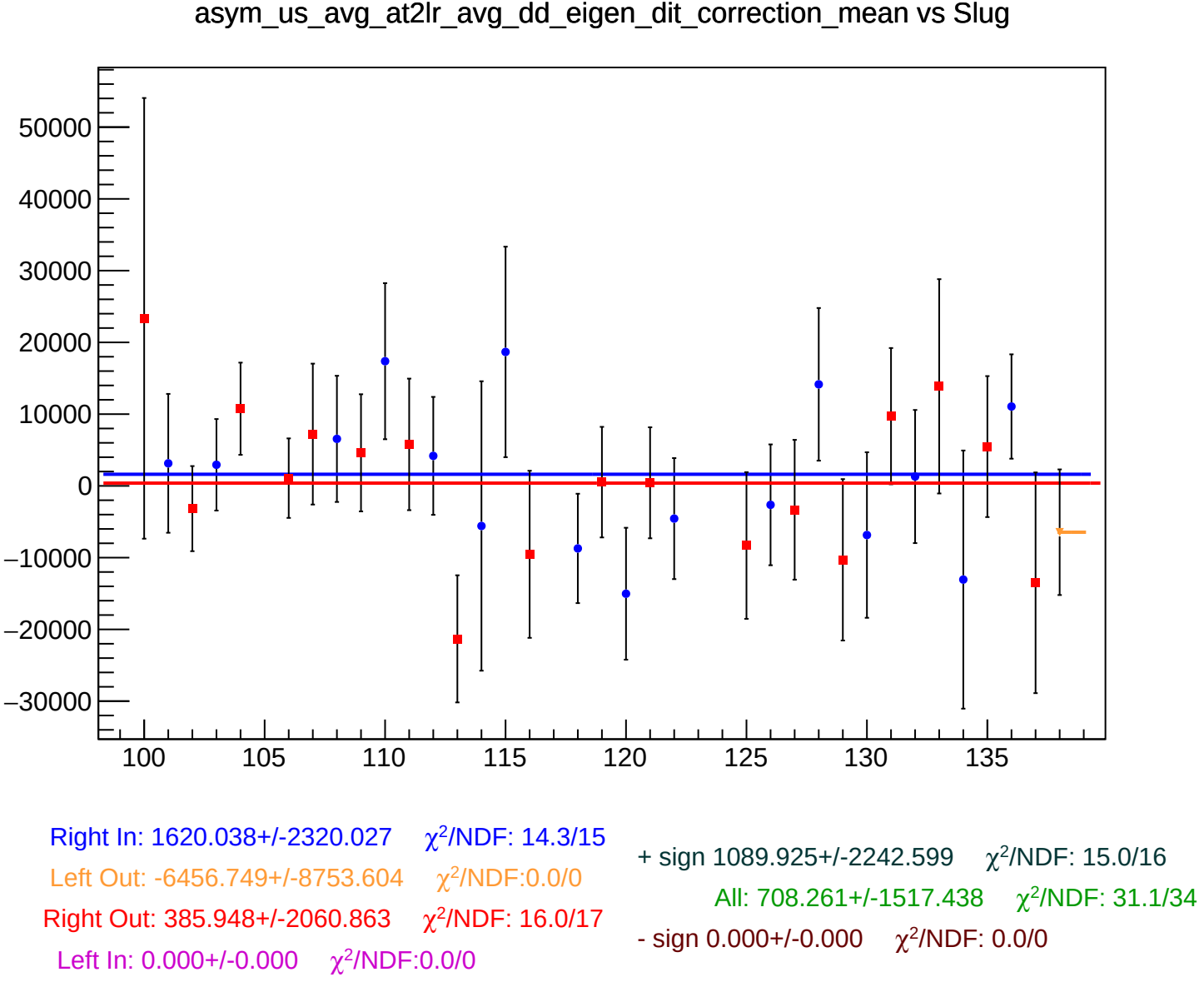
Right Out: 1503.435+/-0.407 χ^2/NDF: 338507.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

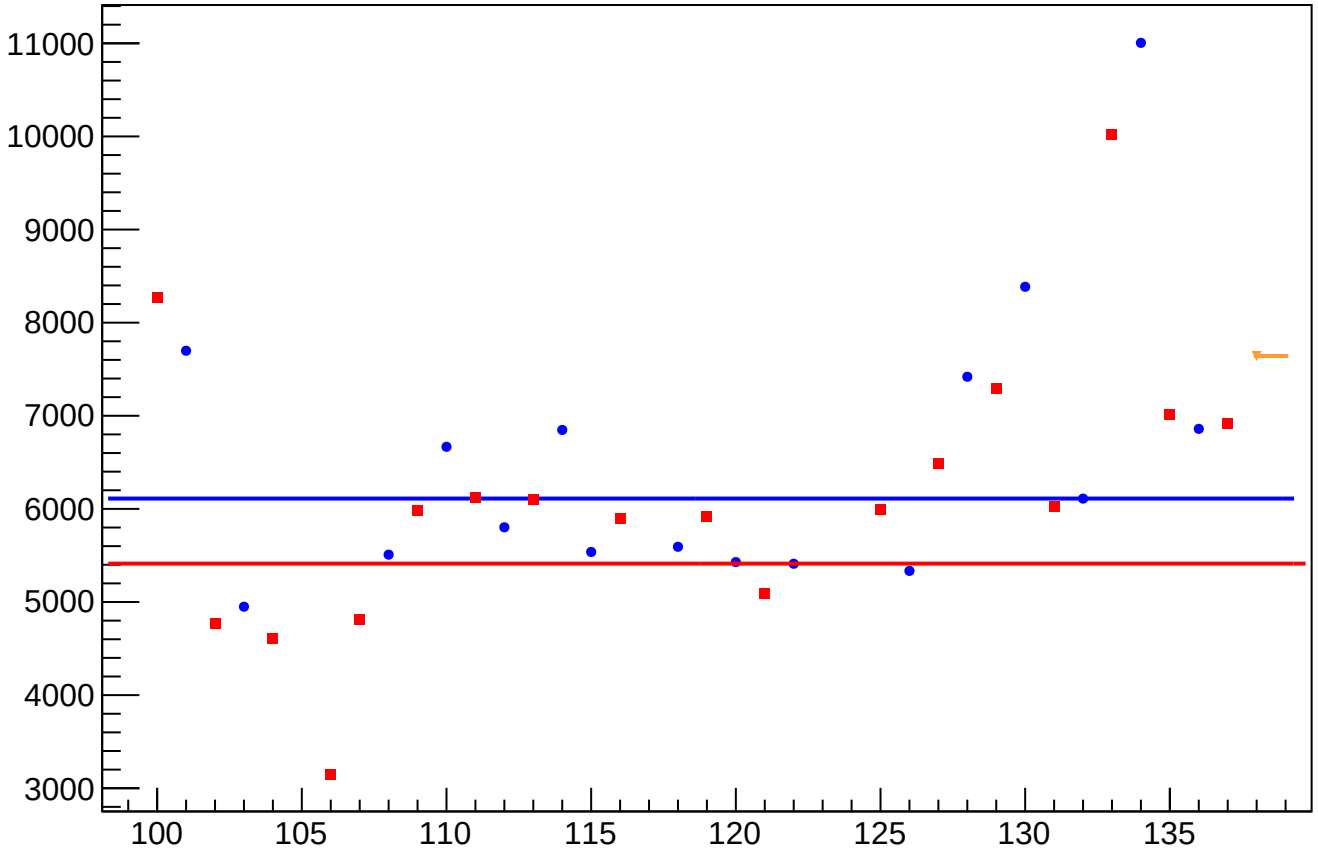
\+ sign 1547.852+/-0.394 χ^2/NDF: 529898.4/16

All: 1526.349+/-0.283 χ^2/NDF: 874563.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug
50000
40000
30000
20000
10000
0
−10000
−20000
−30000
100
105
110
115
120
125
130
135
Right In: 1620.038+/-2320.027 χ²/NDF: 14.3/15
Left Out: -6456.749+/-8753.604 χ²/NDF:0.0/0
Right Out: 385.948+/-2060.863 χ²/NDF: 16.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 1089.925+/-2242.599 χ²/NDF: 15.0/16
All: 708.261+/-1517.438 χ²/NDF: 31.1/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 6111.023+/-1.641 χ^2/NDF: 471663.6/15

Left Out: 7641.792+/-6.190 χ^2/NDF:0.0/0

Right Out: 5412.265+/-1.457 χ^2/NDF: 821530.5/17

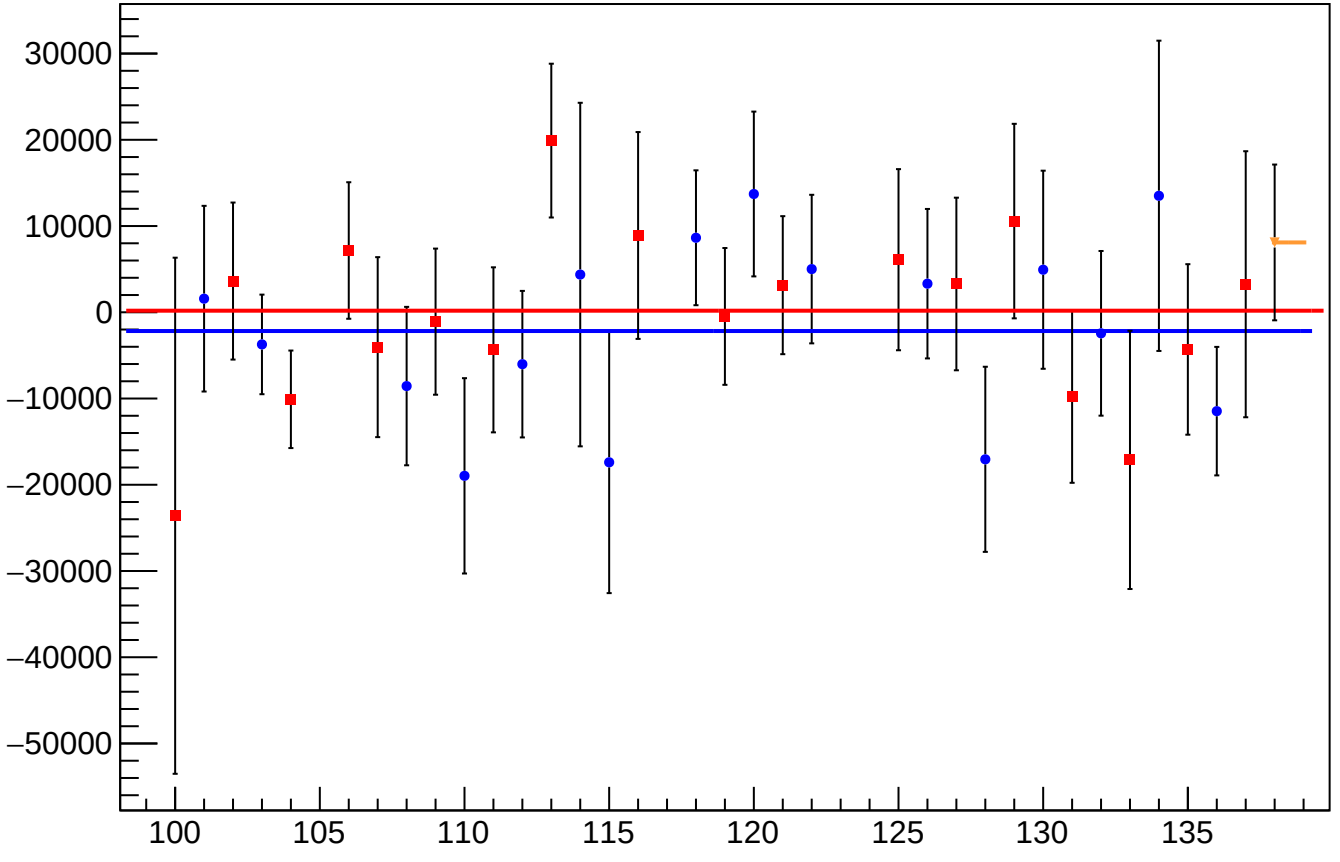
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6211.494+/-1.586 χ^2/NDF: 528810.5/16

All: 5778.188+/-1.073 χ^2/NDF: 1488059.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -2174.048+/-2347.664 χ^2/NDF: 14.6/15

Left Out: 8098.416+/-9031.362 χ^2/NDF:0.0/0

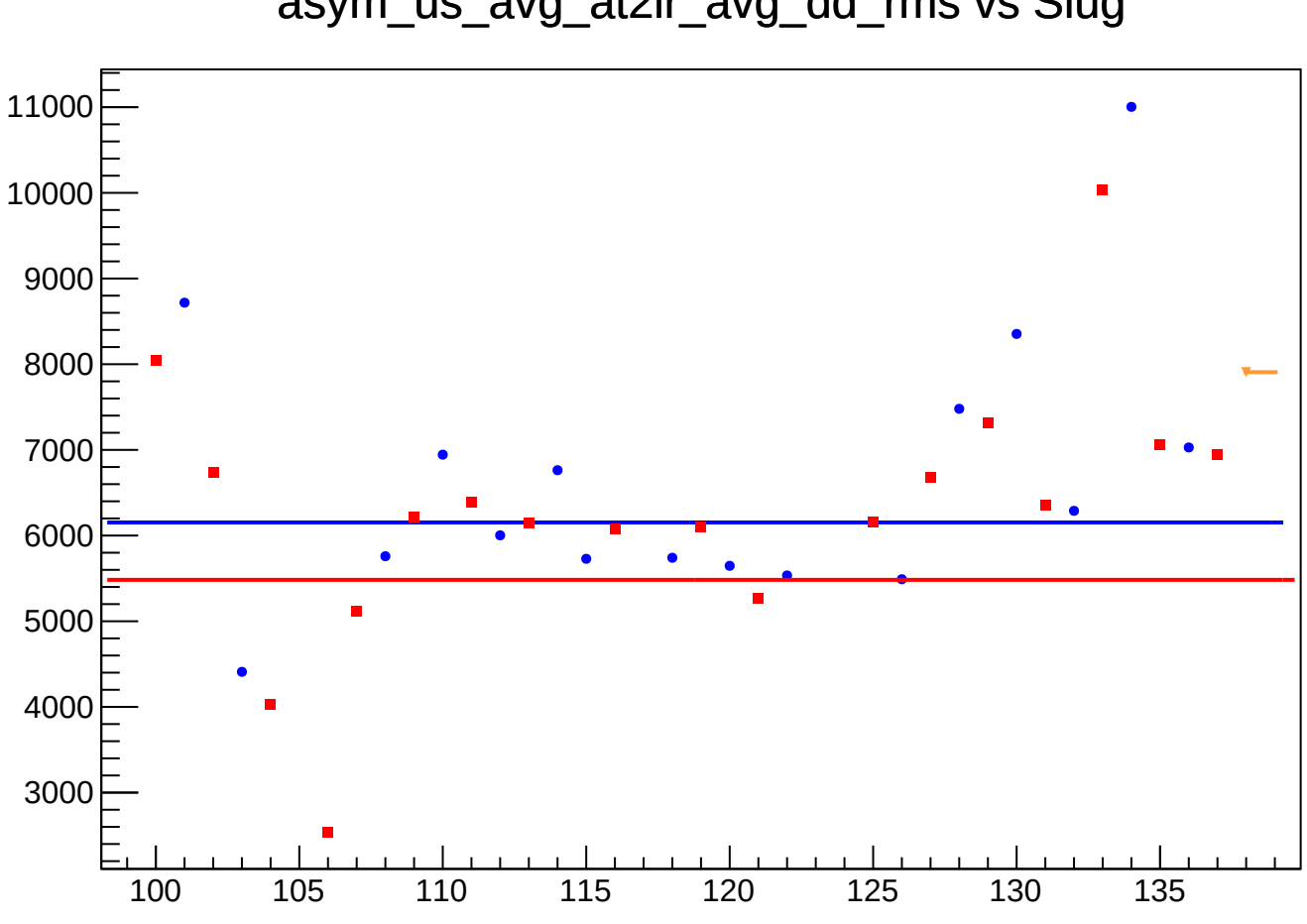
Right Out: 183.559+/-2228.883 χ^2/NDF: 14.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1523.854+/-2272.152 χ^2/NDF: 15.8/16

All: -653.736+/-1591.135 χ^2/NDF: 30.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6152.690+/-1.660 χ^2/NDF: 624026.7/15

Left Out: 7907.308+/-6.386 χ^2/NDF:0.0/0

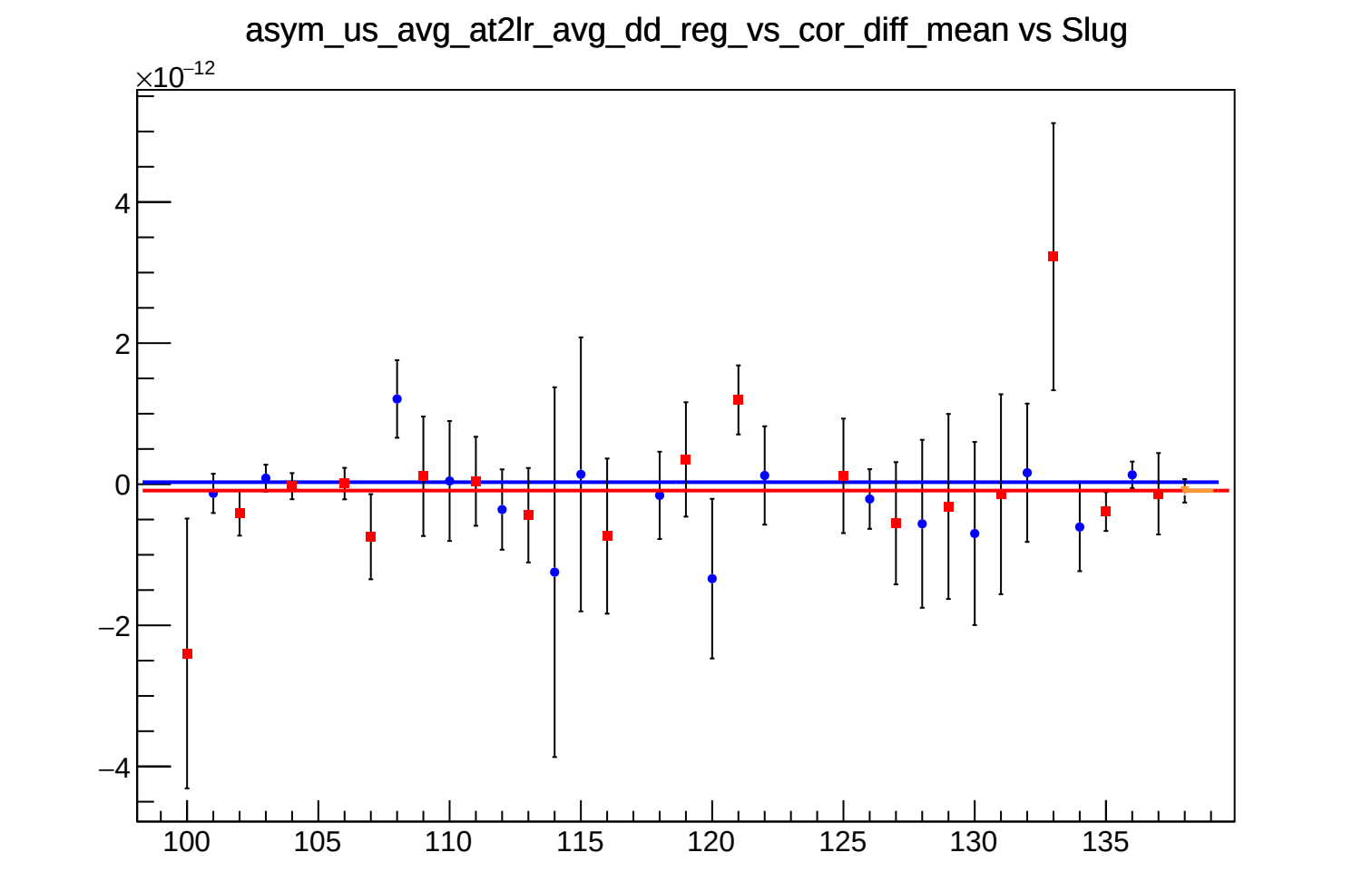
Right Out: 5483.337+/-1.519 χ^2/NDF: 1148712.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6263.747+/-1.607 χ^2/NDF: 694738.5/16

All: 5851.794+/-1.104 χ^2/NDF: 1967997.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 9.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

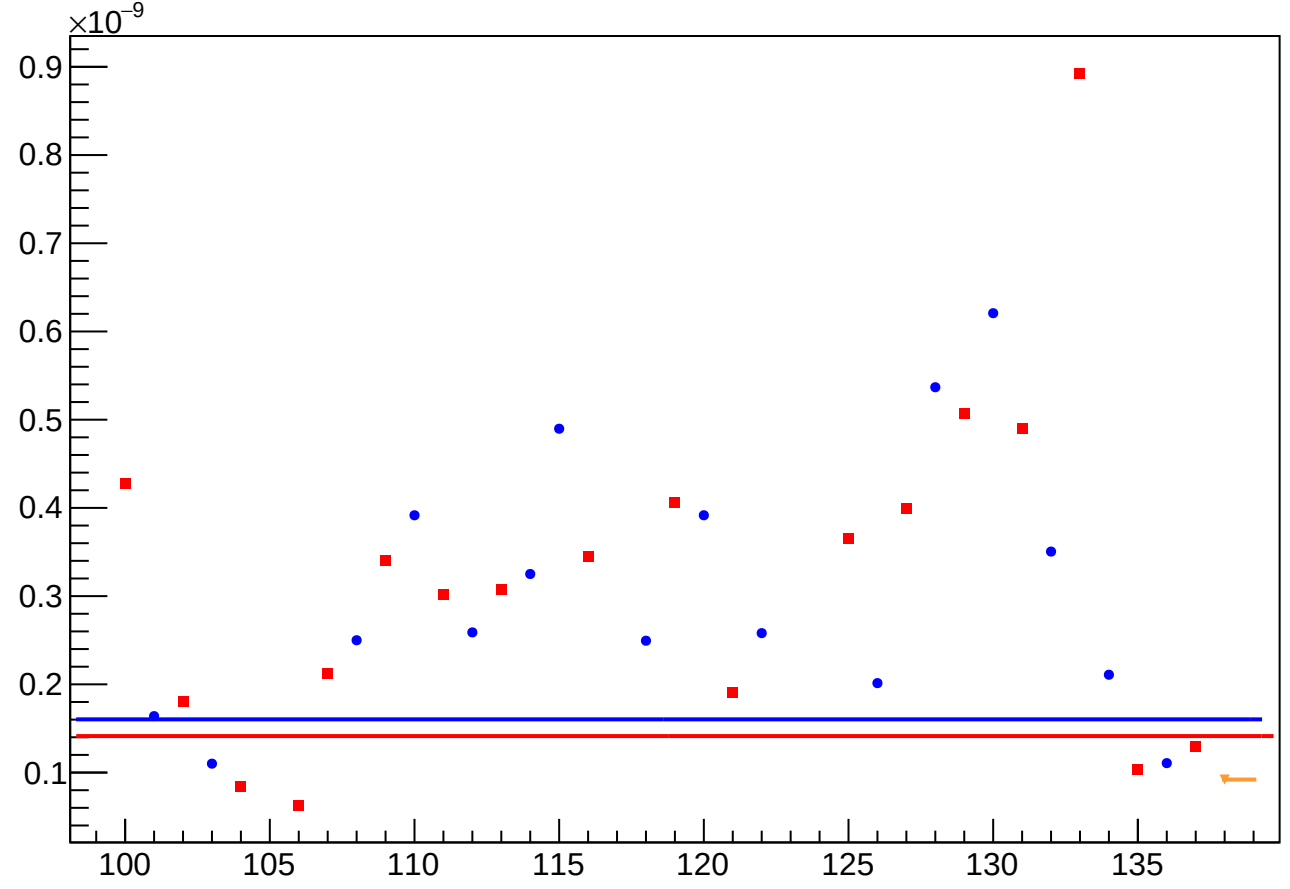
Right Out: -0.000+/-0.000 χ^2/NDF: 16.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.9/16

All: -0.000+/-0.000 χ^2/NDF: 26.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1329606.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

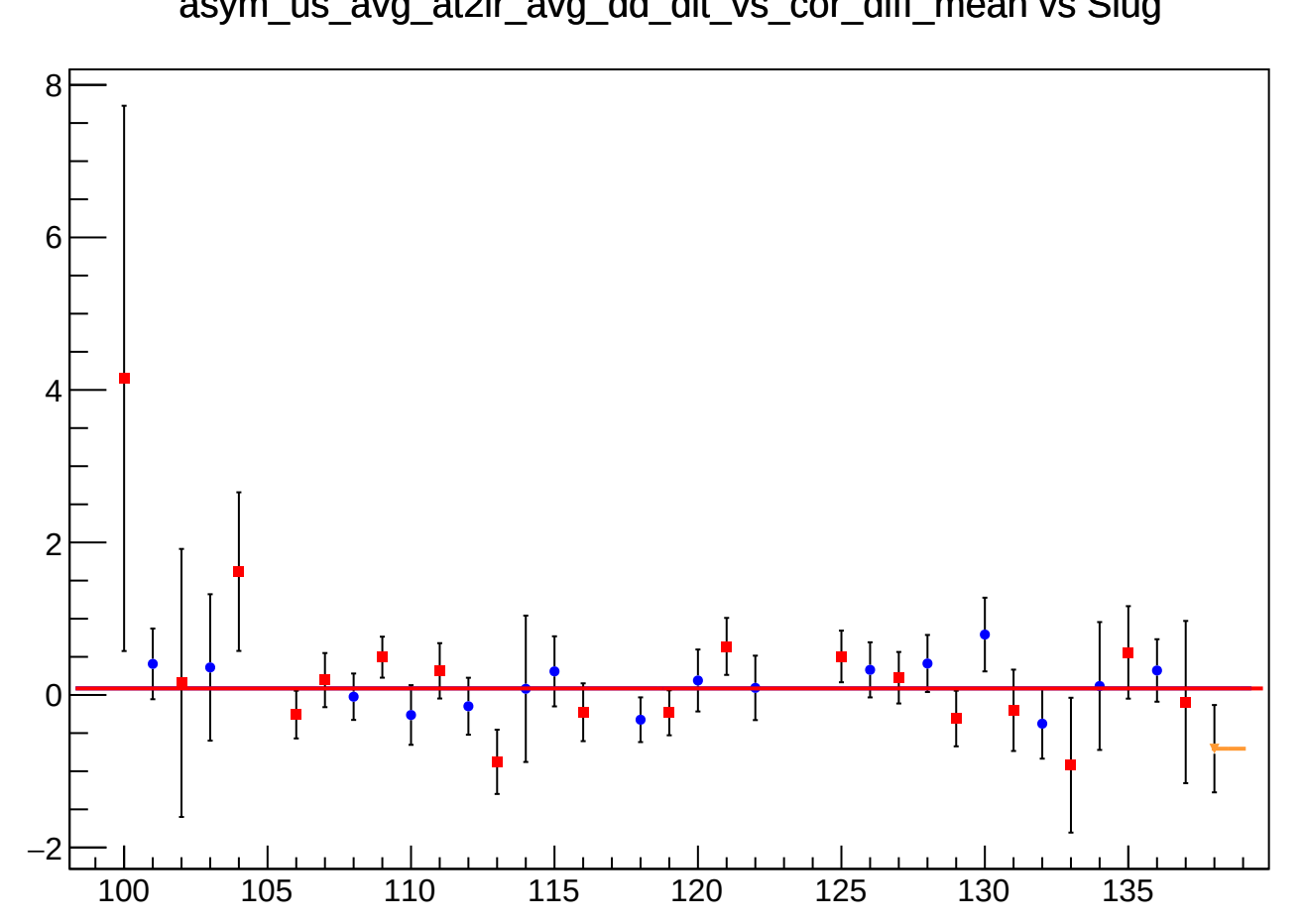
Right Out: 0.000+/-0.000 χ^2/NDF: 2165946.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1572277.2/16

All: 0.000+/-0.000 χ^2/NDF: 3738226.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.087+/-0.105 χ^2/NDF: 8.8/15

Left Out: -0.704+/-0.573 χ^2/NDF:0.0/0

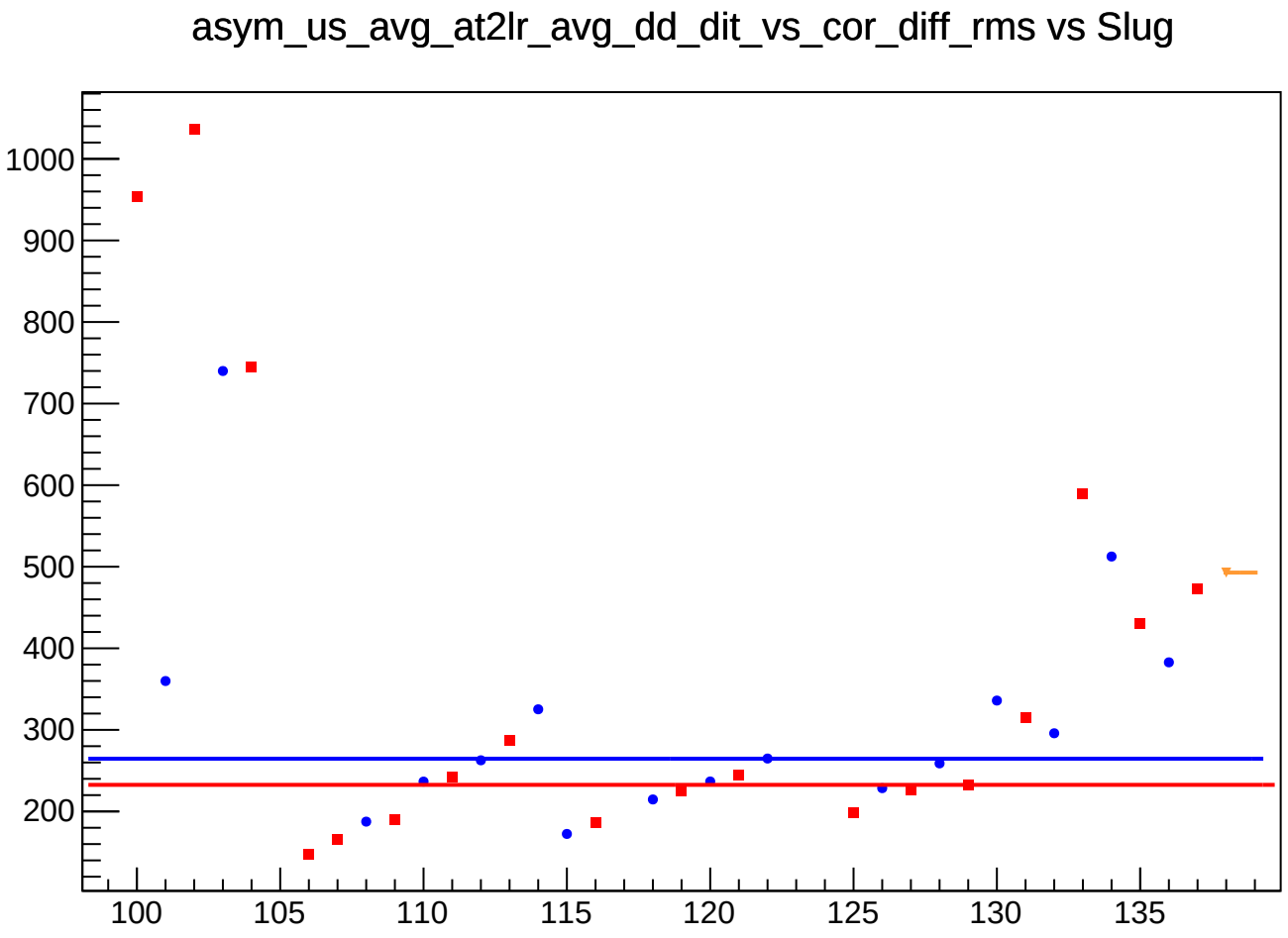
Right Out: 0.086+/-0.097 χ^2/NDF: 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.061+/-0.103 χ^2/NDF: 10.7/16

All: 0.074+/-0.071 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 264.667+/-0.074 χ^2/NDF: 1284007.6/15

Left Out: 492.831+/-0.405 χ^2/NDF:0.0/0

Right Out: 232.596+/-0.069 χ^2/NDF: 2032662.7/17

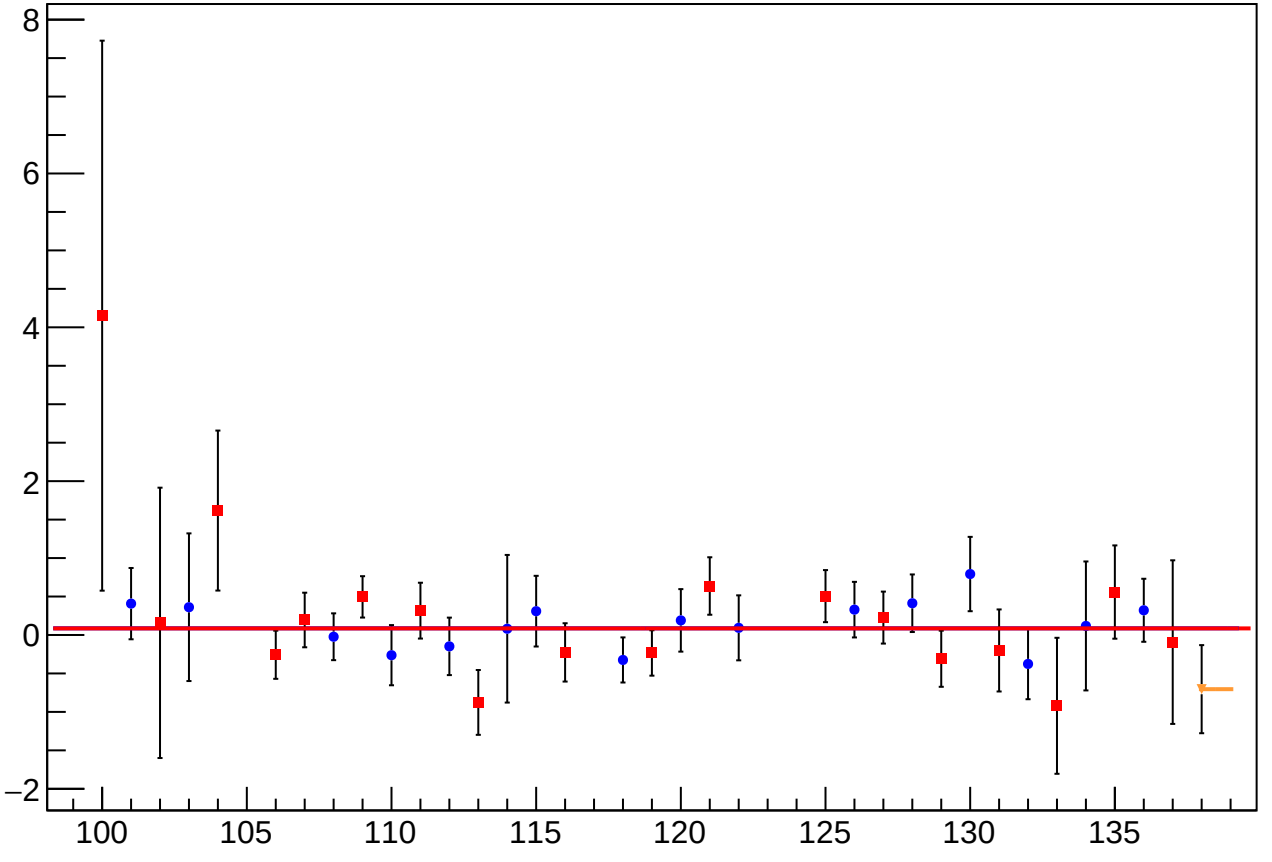
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 272.098+/-0.073 χ^2/NDF: 1591122.5/16

All: 251.164+/-0.050 χ^2/NDF: 3778622.6/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.087+/-0.105 χ^2/NDF: 8.8/15

Left Out: -0.704+/-0.573 χ^2/NDF:0.0/0

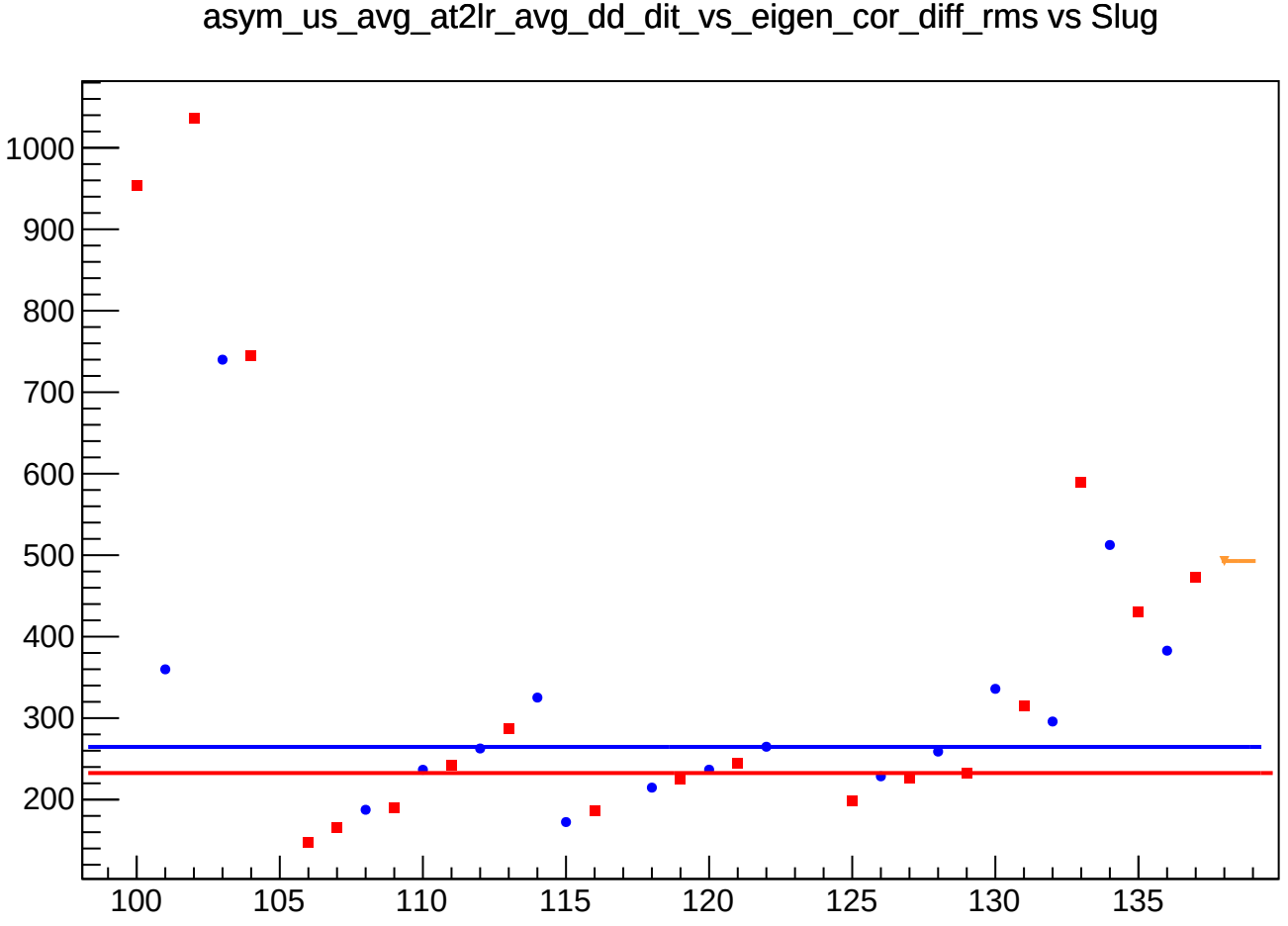
Right Out: 0.086+/-0.097 χ^2/NDF: 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.061+/-0.103 χ^2/NDF: 10.7/16

All: 0.074+/-0.071 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 264.667+/-0.074 χ^2/NDF: 1284007.6/15

Left Out: 492.831+/-0.405 χ^2/NDF:0.0/0

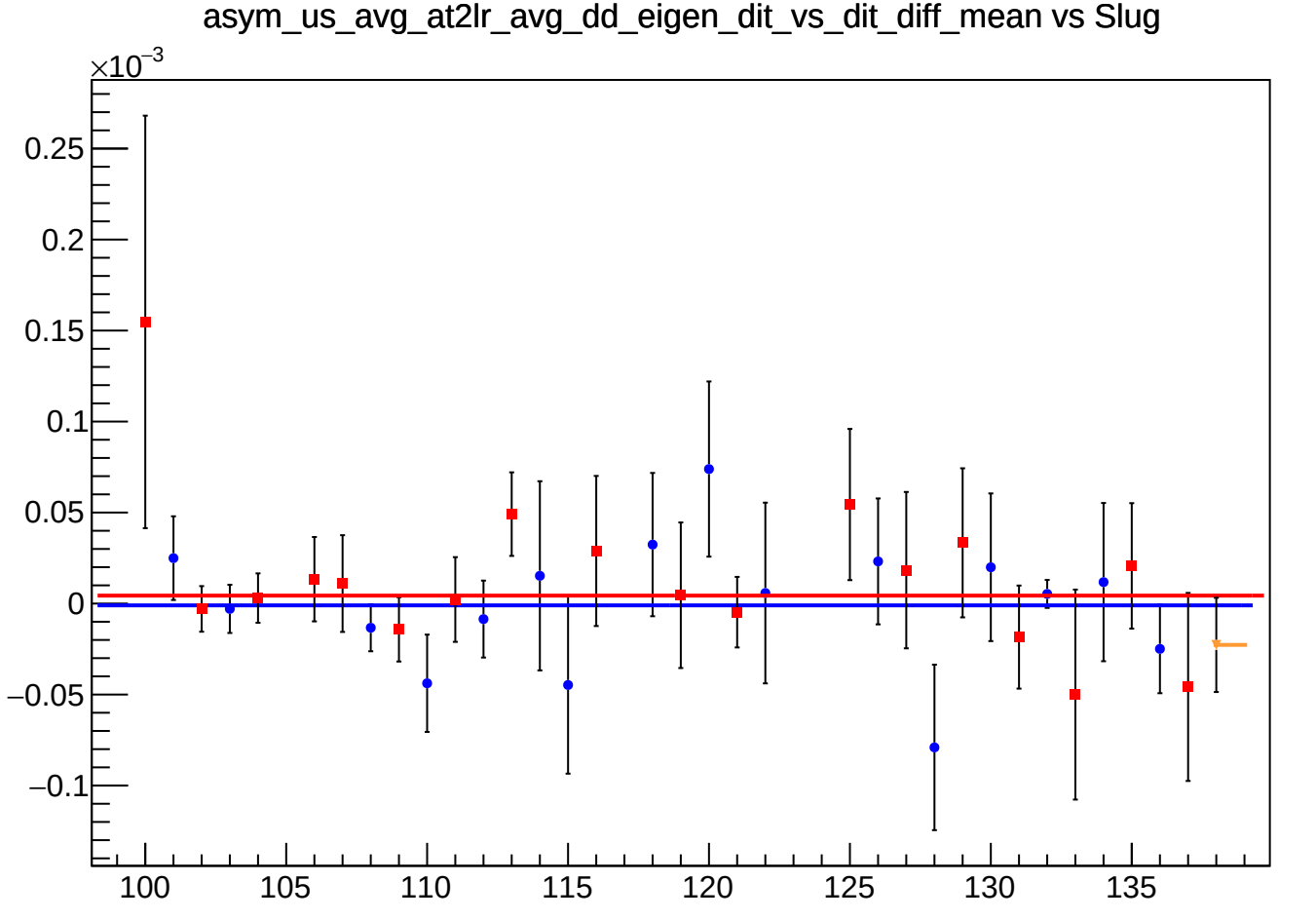
Right Out: 232.596+/-0.069 χ^2/NDF: 2032662.7/17

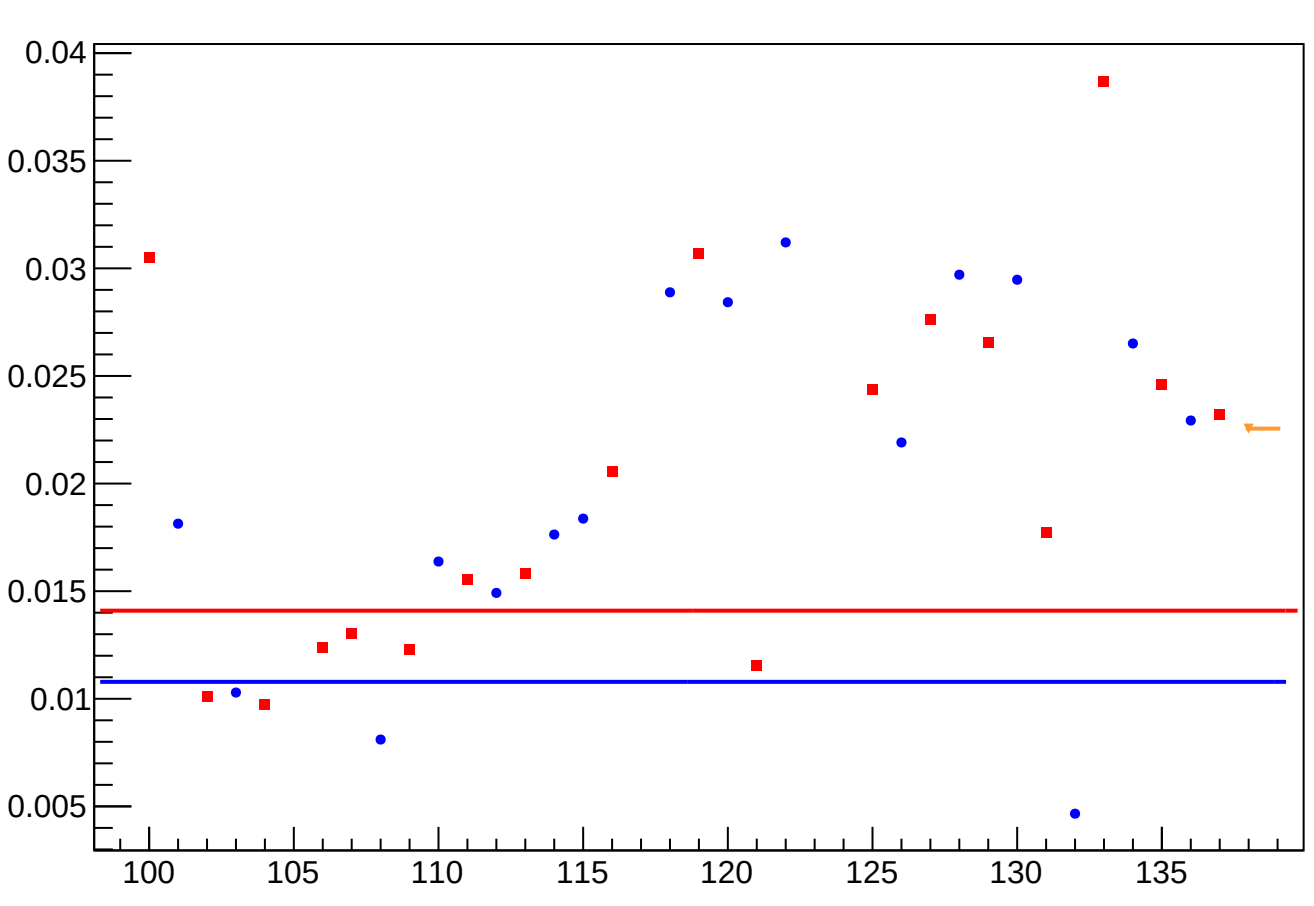
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 272.098+/-0.073 χ^2/NDF: 1591122.5/16

All: 251.164+/-0.050 χ^2/NDF: 3778622.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.25
0.2
0.15
0.1
0.05
0
−0.05
−0.1
100
105
110
115
120
125
130
135
Right In: -0.000+/-0.000 χ²/NDF: 14.4/15
Left Out: -0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 12.6/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.000+/-0.000 χ²/NDF: 15.1/16
All: 0.000+/-0.000 χ²/NDF: 28.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.011+/-0.000 χ^2/NDF: 4580054.6/15

Left Out: 0.023+/-0.000 χ^2/NDF:0.0/0

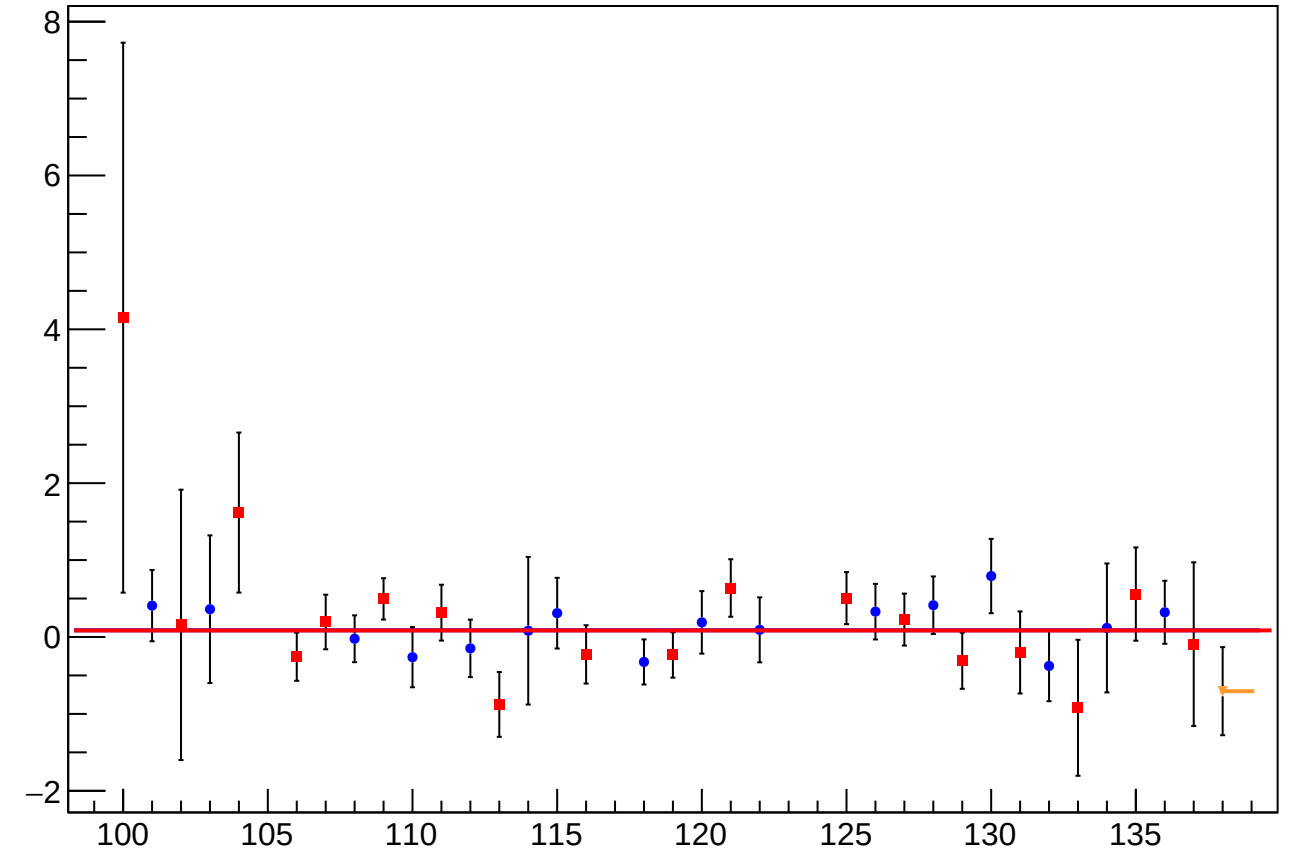
Right Out: 0.014+/-0.000 χ^2/NDF: 2084942.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.000 χ^2/NDF: 4978346.4/16

All: 0.012+/-0.000 χ^2/NDF: 7358799.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.087+/-0.105 χ^2/NDF: 8.8/15

Left Out: -0.705+/-0.573 χ^2/NDF:0.0/0

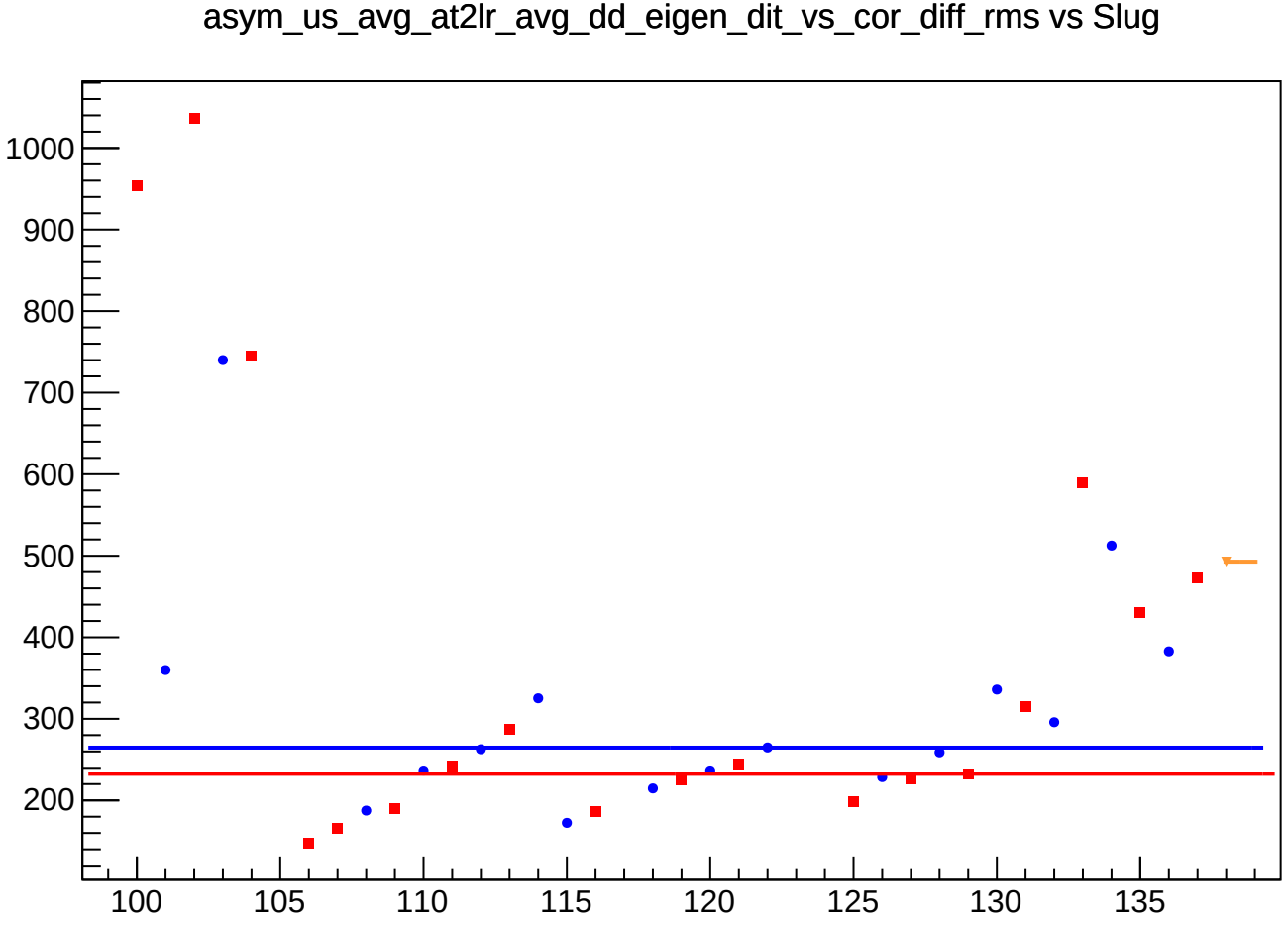
Right Out: 0.086+/-0.097 χ^2/NDF: 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

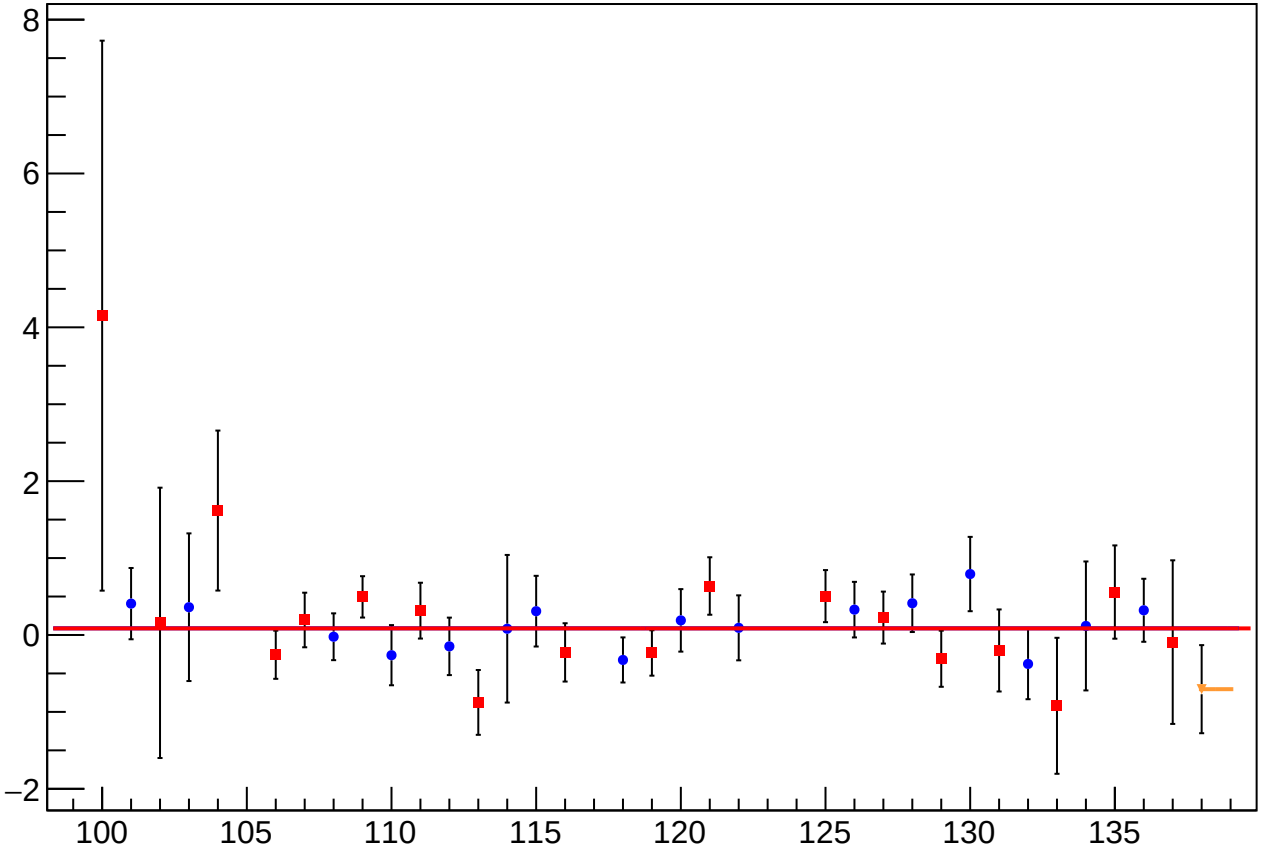
+ sign 0.061+/-0.103 χ^2/NDF: 10.7/16

All: 0.074+/-0.071 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug
1000
900
800
700
600
500
400
300
200
100
105
110
115
120
125
130
135
Right In: 264.667+/-0.074 χ²/NDF: 1283977.8/15
Left Out: 492.837+/-0.405 χ²/NDF:0.0/0
Right Out: 232.596+/-0.069 χ²/NDF: 2032655.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 272.098+/-0.073 χ²/NDF: 1591103.5/16
All: 251.164+/-0.050 χ²/NDF: 3778589.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.087+/-0.105 χ^2/NDF: 8.8/15

Left Out: -0.705+/-0.573 χ^2/NDF:0.0/0

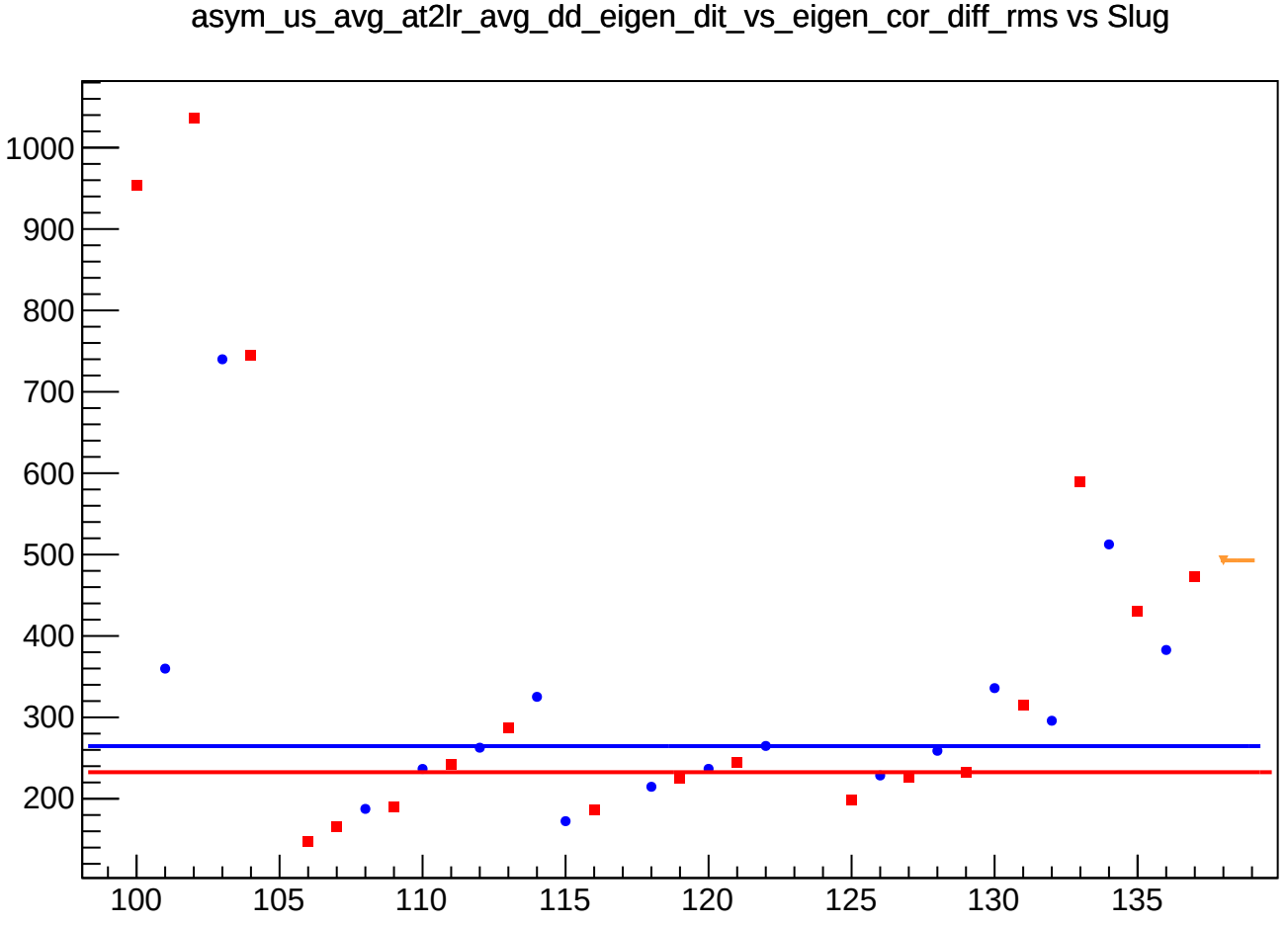
Right Out: 0.086+/-0.097 χ^2/NDF: 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.061+/-0.103 χ^2/NDF: 10.7/16

All: 0.074+/-0.071 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 264.667+/-0.074 χ^2/NDF: 1283977.8/15

Left Out: 492.837+/-0.405 χ^2/NDF:0.0/0

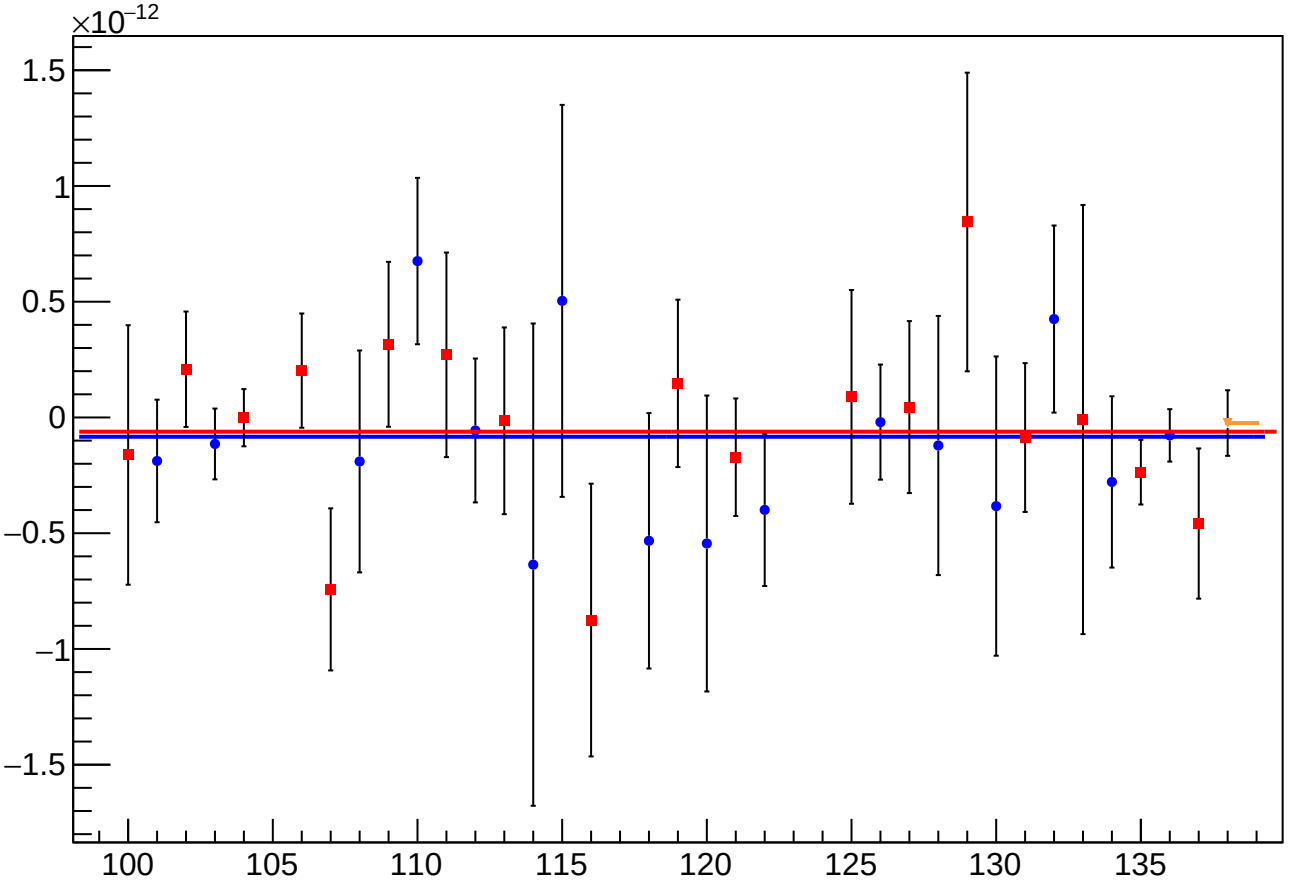
Right Out: 232.596+/-0.069 χ^2/NDF: 2032655.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 272.098+/-0.073 χ^2/NDF: 1591103.5/16

All: 251.164+/-0.050 χ^2/NDF: 3778589.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 9.7/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

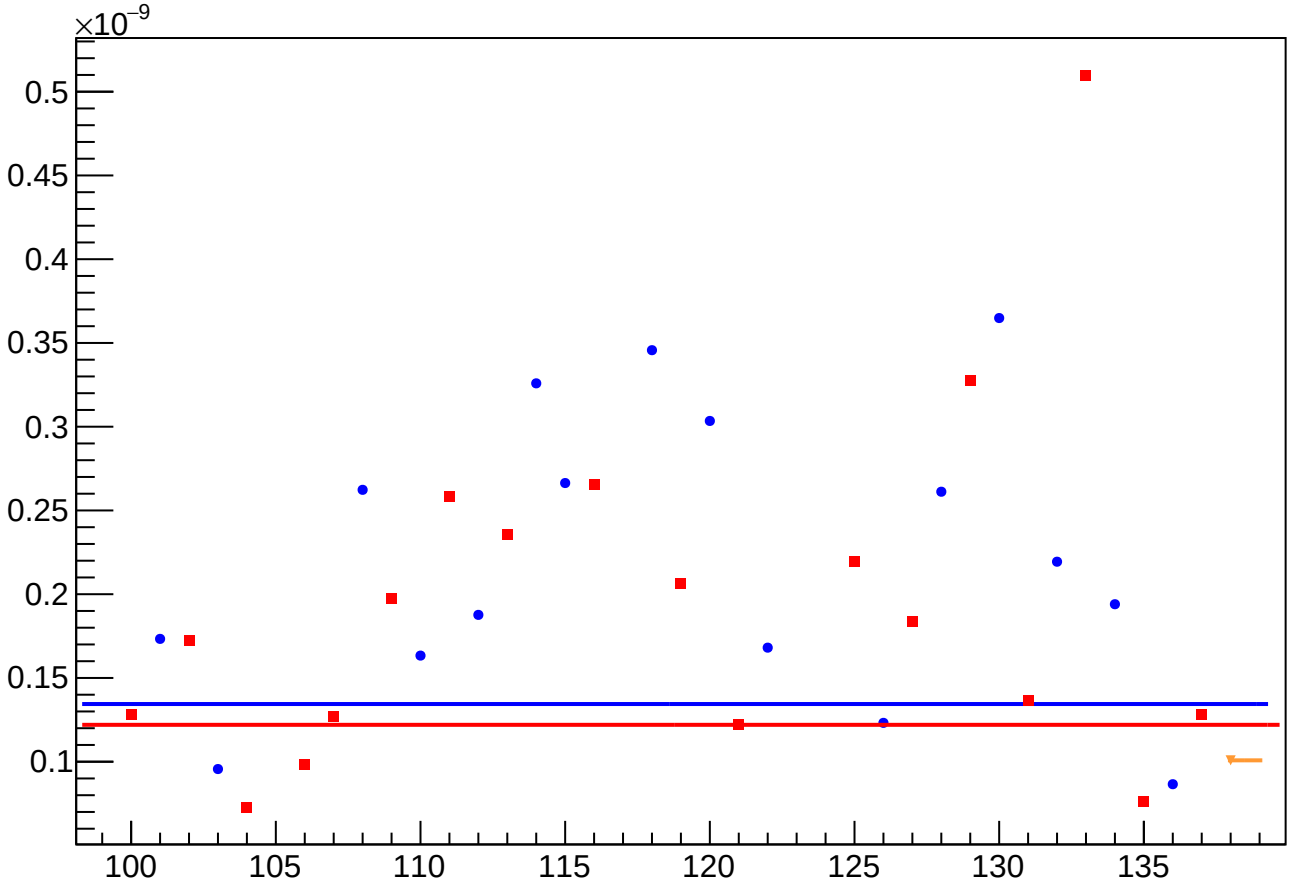
Right Out: -0.000+/-0.000 χ^2/NDF: 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.9/16

All: -0.000+/-0.000 χ^2/NDF: 25.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1814968.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2003381.5/17

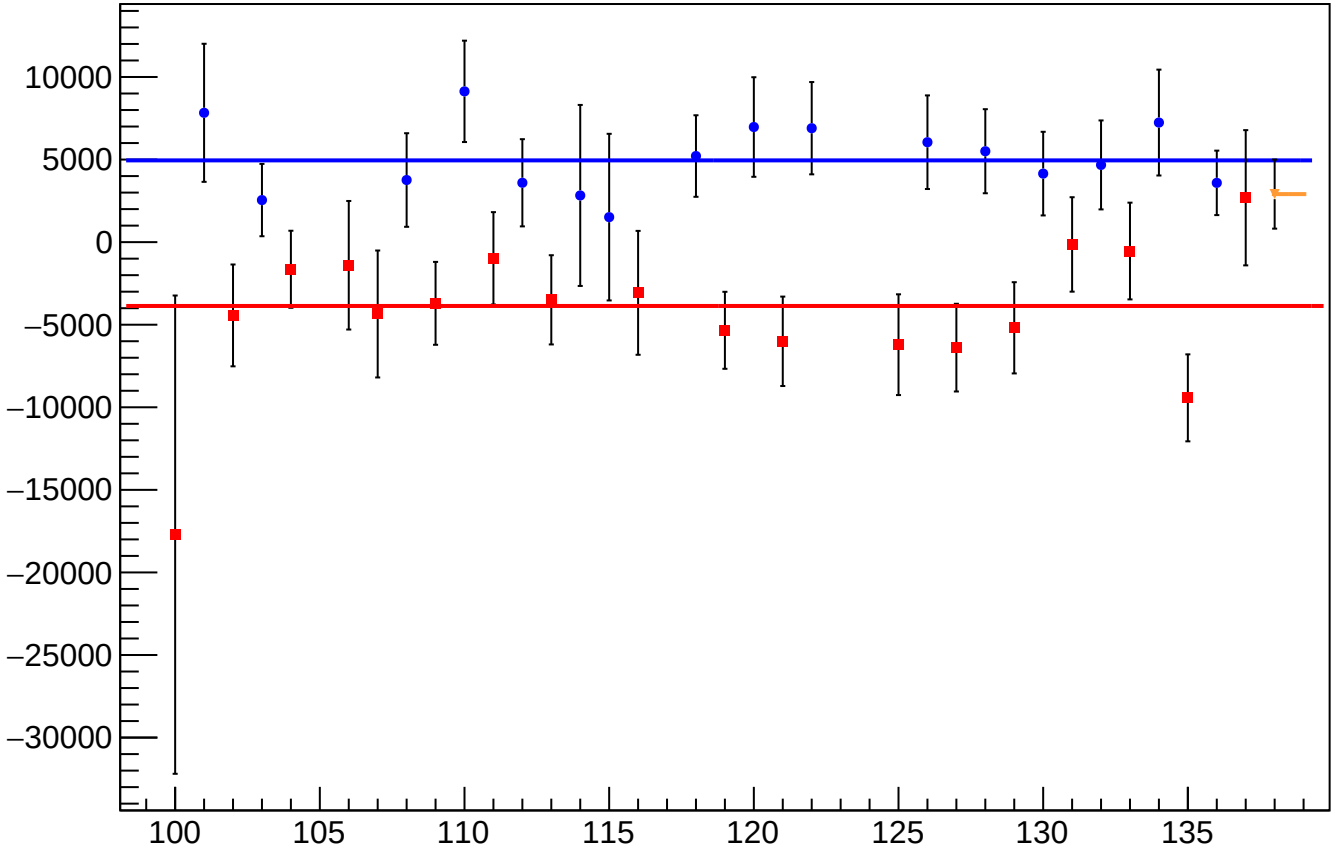
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1906012.1/16

All: 0.000+/-0.000 χ^2/NDF: 3918296.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4950.321+/-698.937 χ^2/NDF: 6.8/15

Left Out: 2908.855+/-2092.063 χ^2/NDF:0.0/0

Right Out: -3865.145+/-695.781 χ^2/NDF: 16.2/17

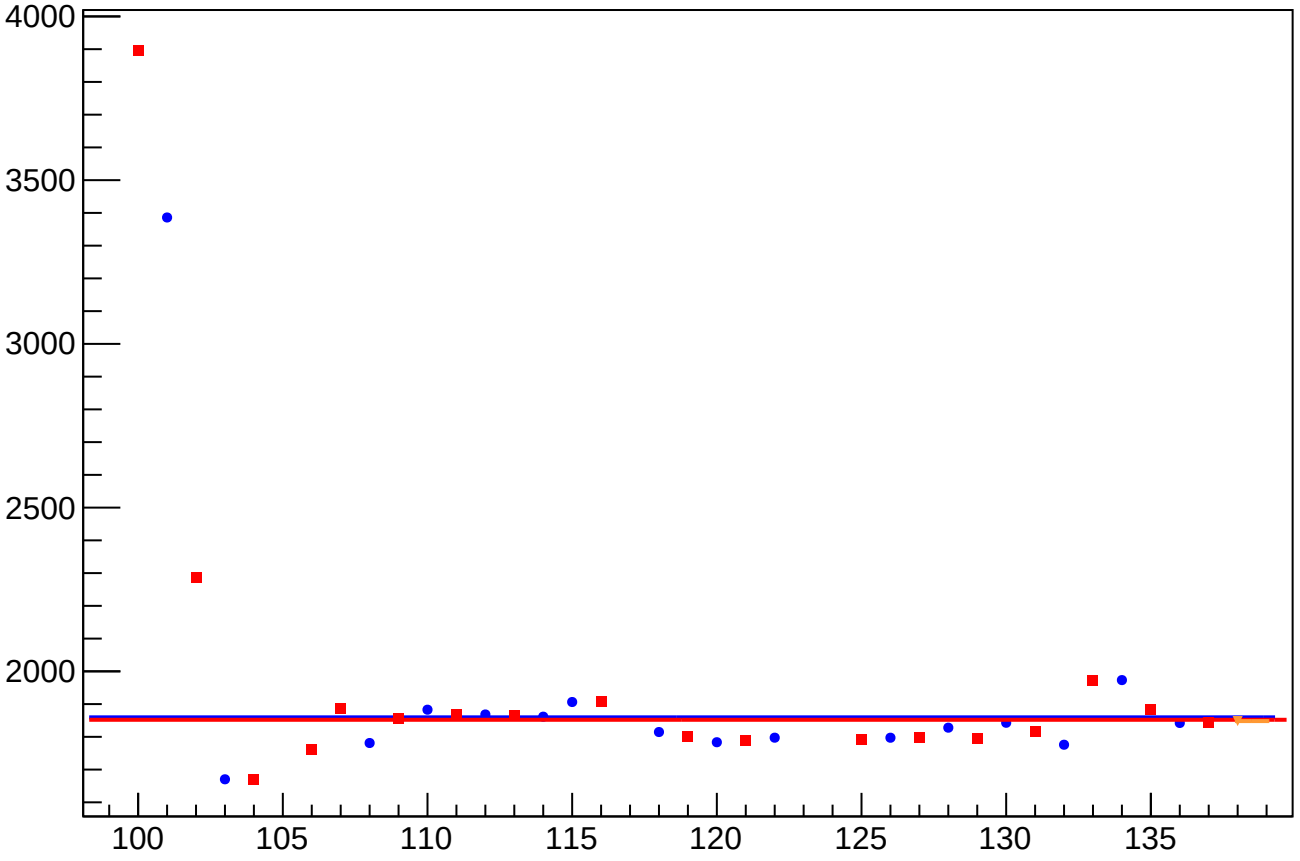
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 4745.340+/-662.919 χ^2/NDF: 7.7/16

All: 648.230+/-479.952 χ^2/NDF: 104.1/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1859.509+/-0.494 χ^2/NDF: 292334.6/15

Left Out: 1848.102+/-1.479 χ^2/NDF:0.0/0

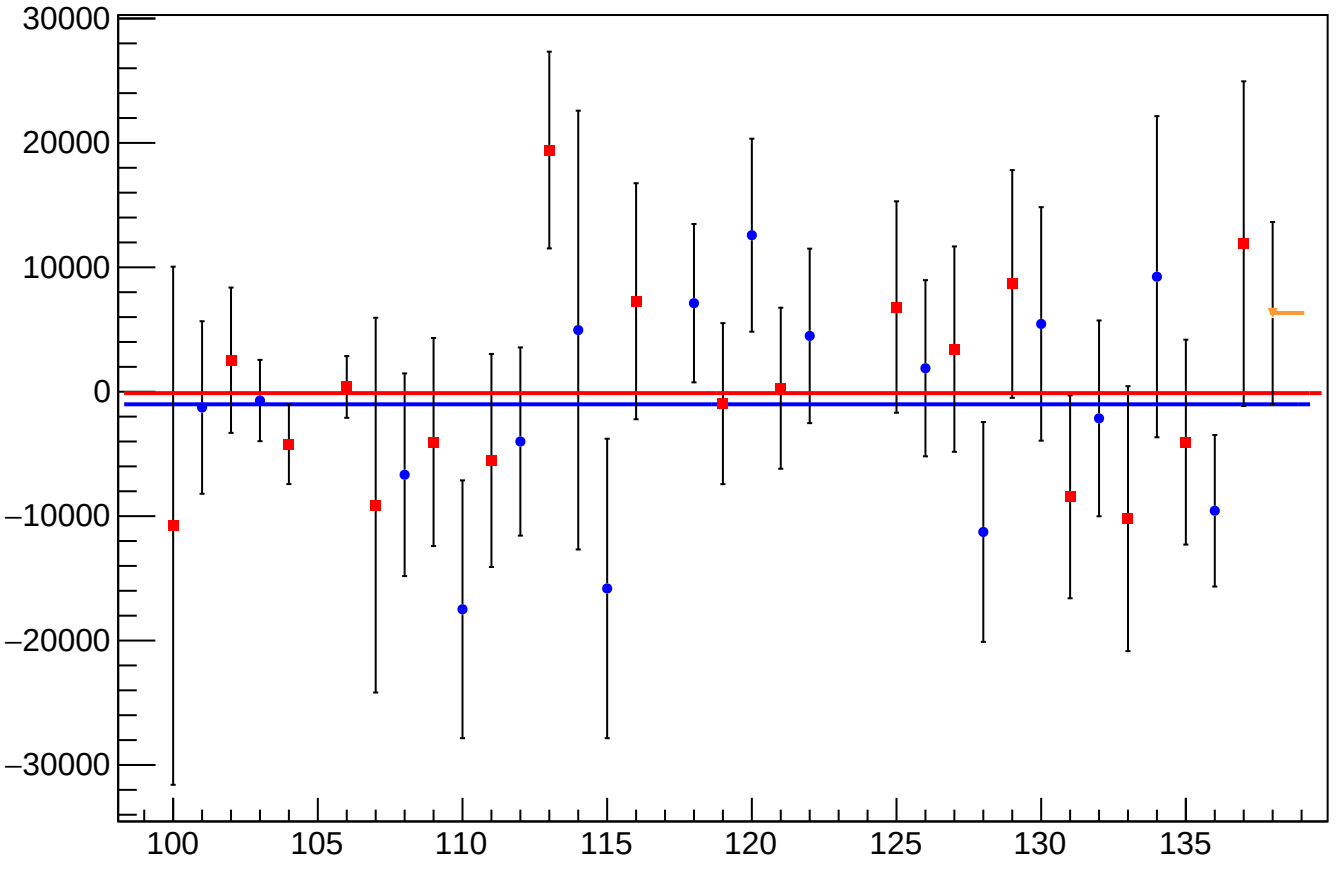
Right Out: 1852.065+/-0.490 χ^2/NDF: 102212.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1858.364+/-0.469 χ^2/NDF: 292388.1/16

All: 1855.357+/-0.339 χ^2/NDF: 394686.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1010.288+/-1764.180 χ^2/NDF: 14.7/15

Left Out: 6333.569+/-7312.186 χ^2/NDF:0.0/0

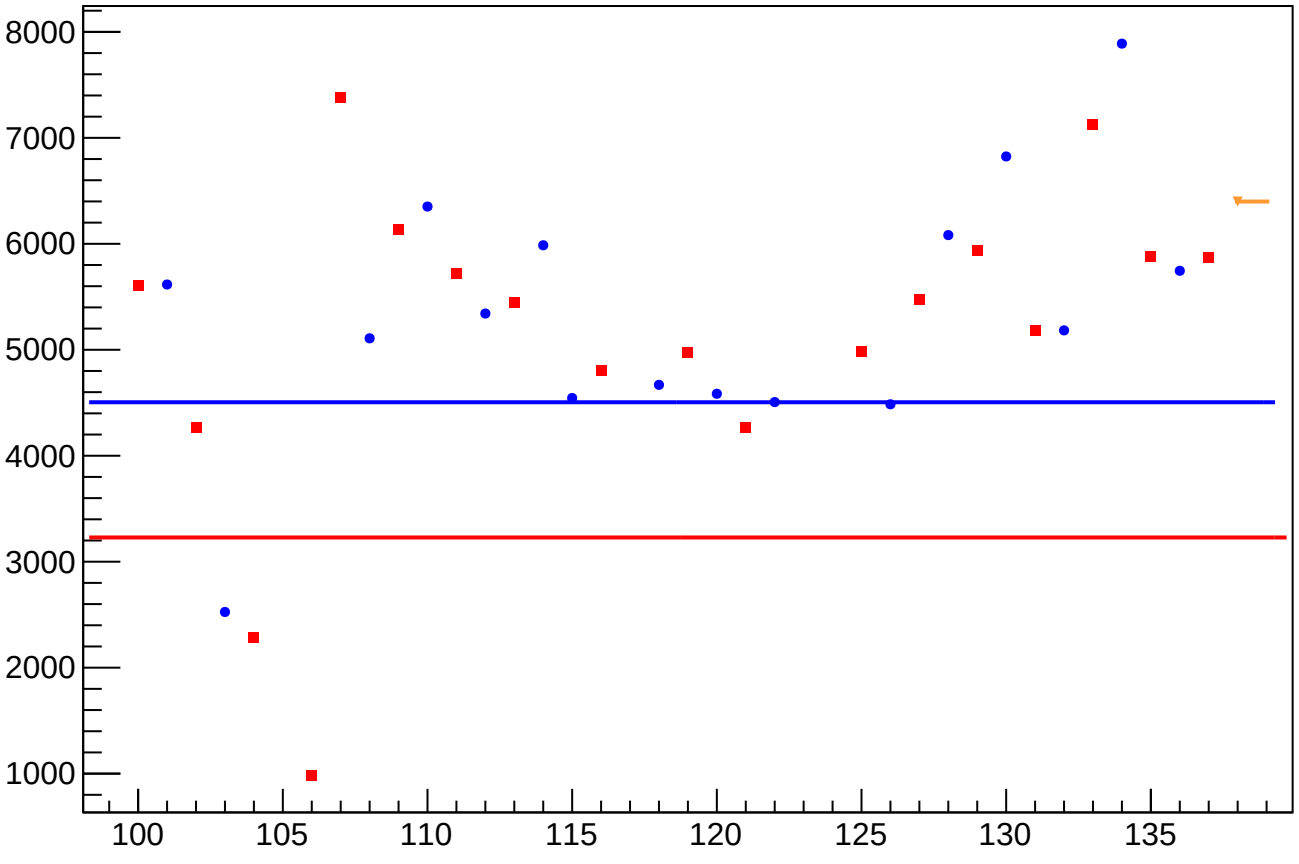
Right Out: -111.261+/-1438.515 χ^2/NDF: 14.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -606.322+/-1714.973 χ^2/NDF: 15.7/16

All: -315.722+/-1102.130 χ^2/NDF: 30.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4504.788+/-1.247 χ^2/NDF: 1321104.9/15

Left Out: 6399.032+/-5.170 χ^2/NDF:0.0/0

Right Out: 3228.605+/-1.017 χ^2/NDF: 3956397.6/17

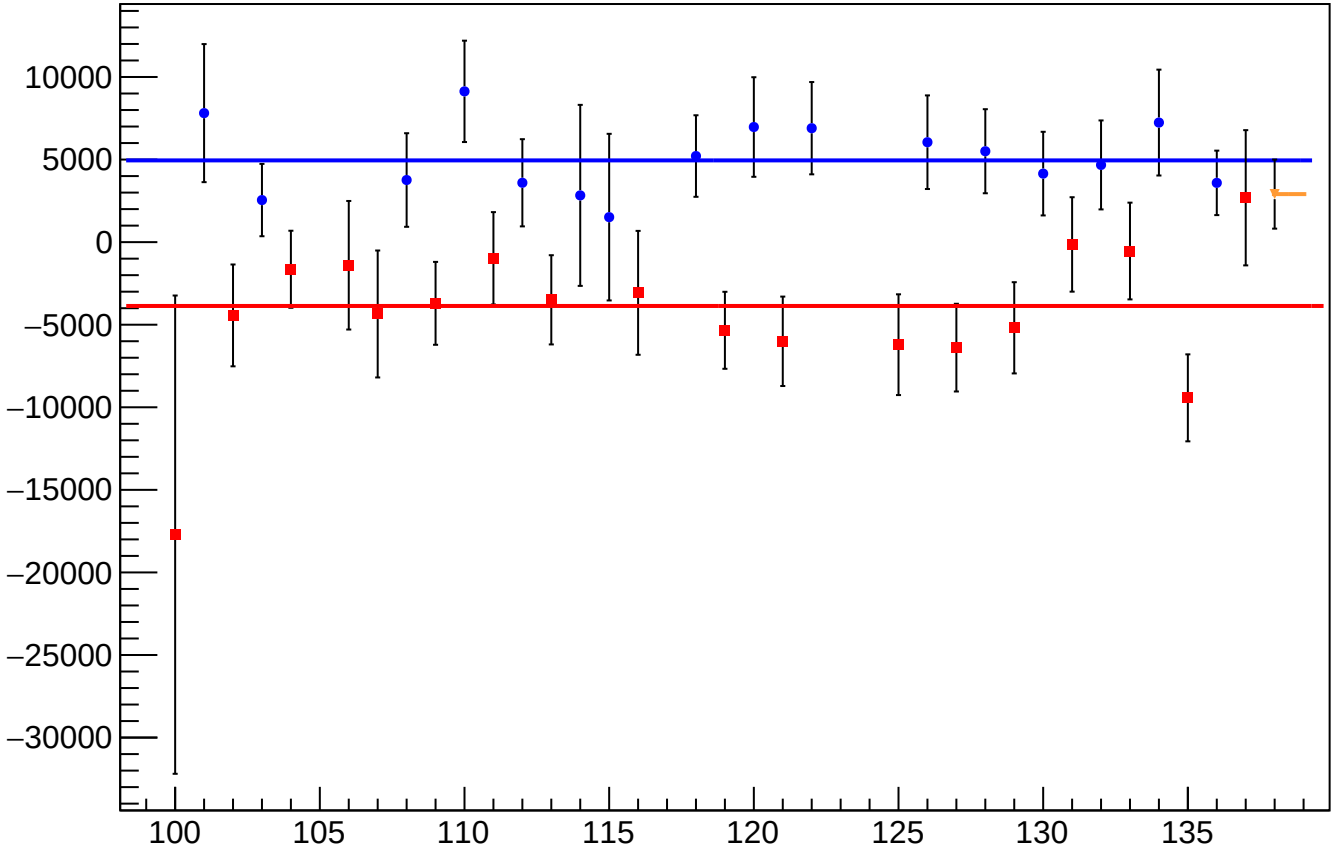
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 4608.985+/-1.213 χ^2/NDF: 1447939.0/16

All: 3798.704+/-0.779 χ^2/NDF: 6164925.6/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4949.838+/-698.937 χ^2/NDF: 6.8/15

Left Out: 2908.959+/-2092.063 χ^2/NDF:0.0/0

Right Out: -3864.930+/-695.781 χ^2/NDF: 16.2/17

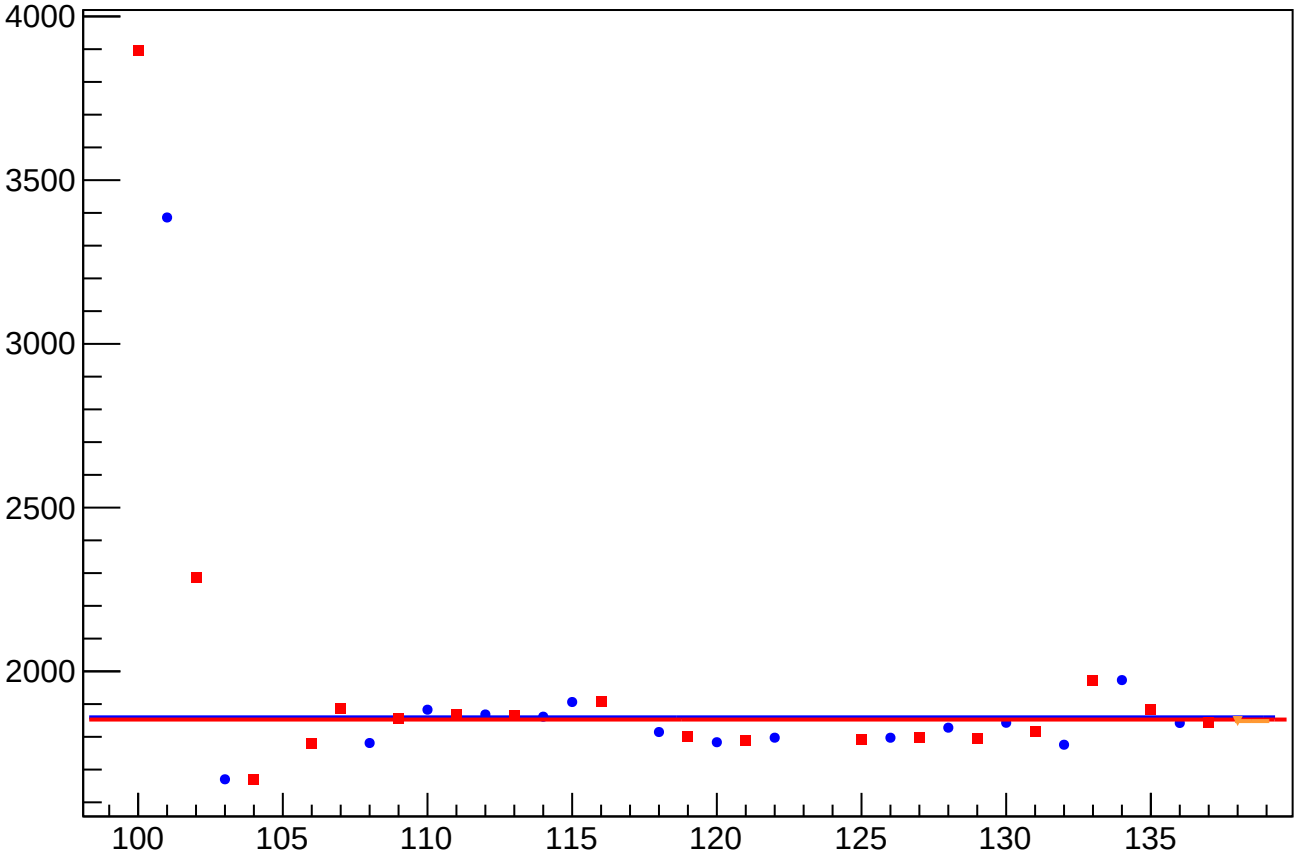
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4744.916+/-662.919 χ^2/NDF: 7.7/16

All: 648.109+/-479.952 χ^2/NDF: 104.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1859.509+/-0.494 χ^2/NDF: 292336.5/15

Left Out: 1848.102+/-1.479 χ^2/NDF:0.0/0

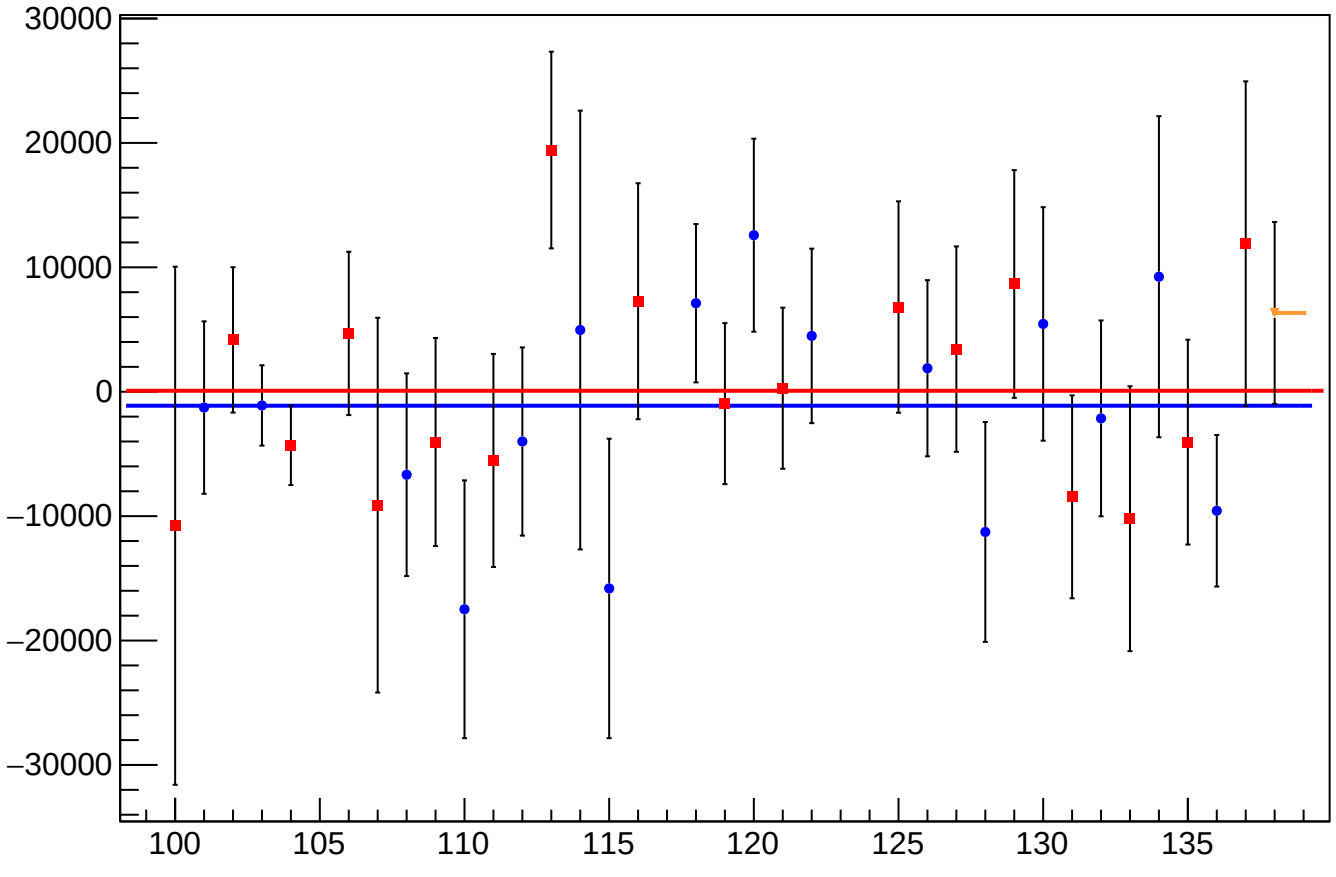
Right Out: 1852.770+/-0.491 χ^2/NDF: 101750.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1858.364+/-0.469 χ^2/NDF: 292389.9/16

All: 1855.695+/-0.339 χ^2/NDF: 394208.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1125.567+/-1757.876 χ^2/NDF: 14.7/15

Left Out: 6333.781+/-7312.186 χ^2/NDF:0.0/0

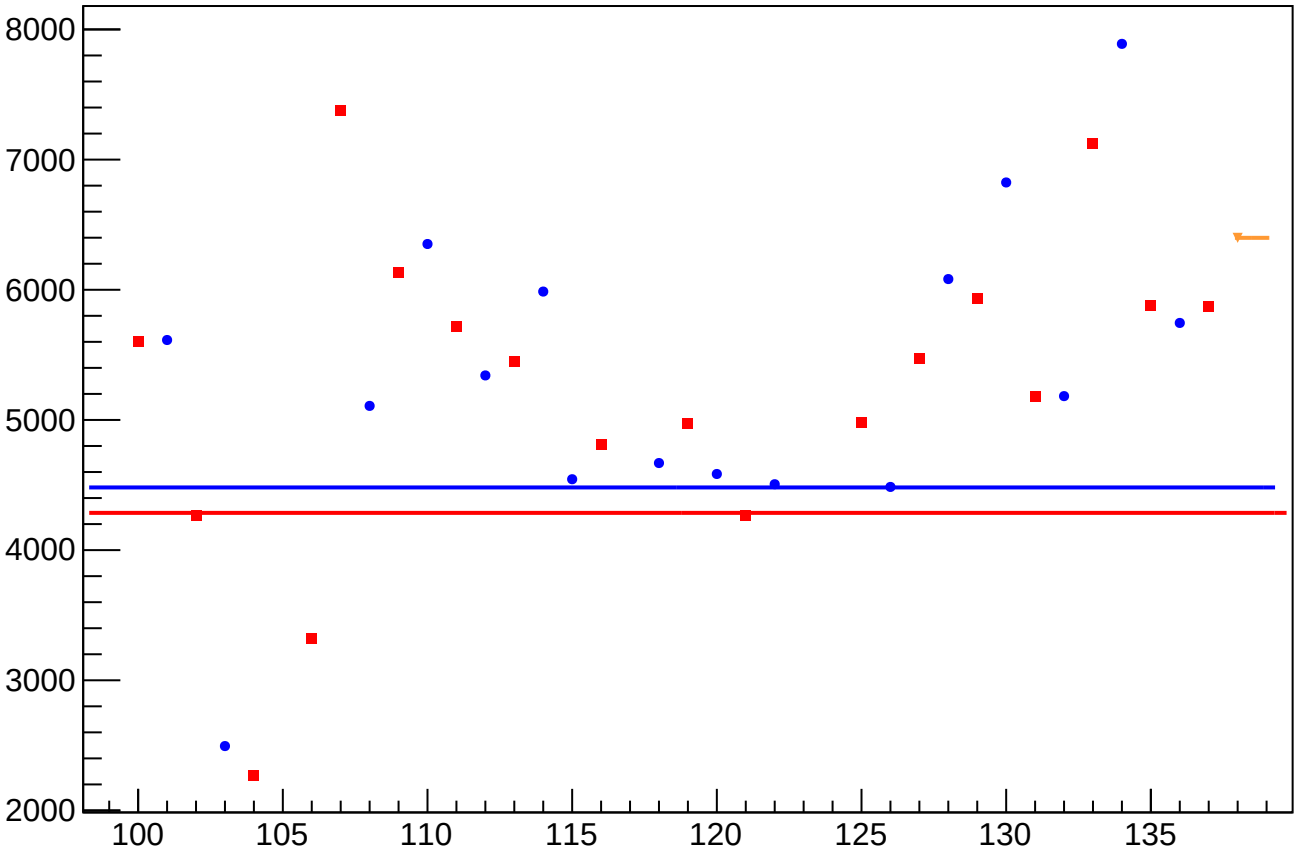
Right Out: 78.270+/-1702.444 χ^2/NDF: 15.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -718.016+/-1709.180 χ^2/NDF: 15.7/16

All: -318.301+/-1206.184 χ^2/NDF: 31.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4481.518+/-1.243 χ^2/NDF: 1362255.0/15

Left Out: 6399.033+/-5.170 χ^2/NDF:0.0/0

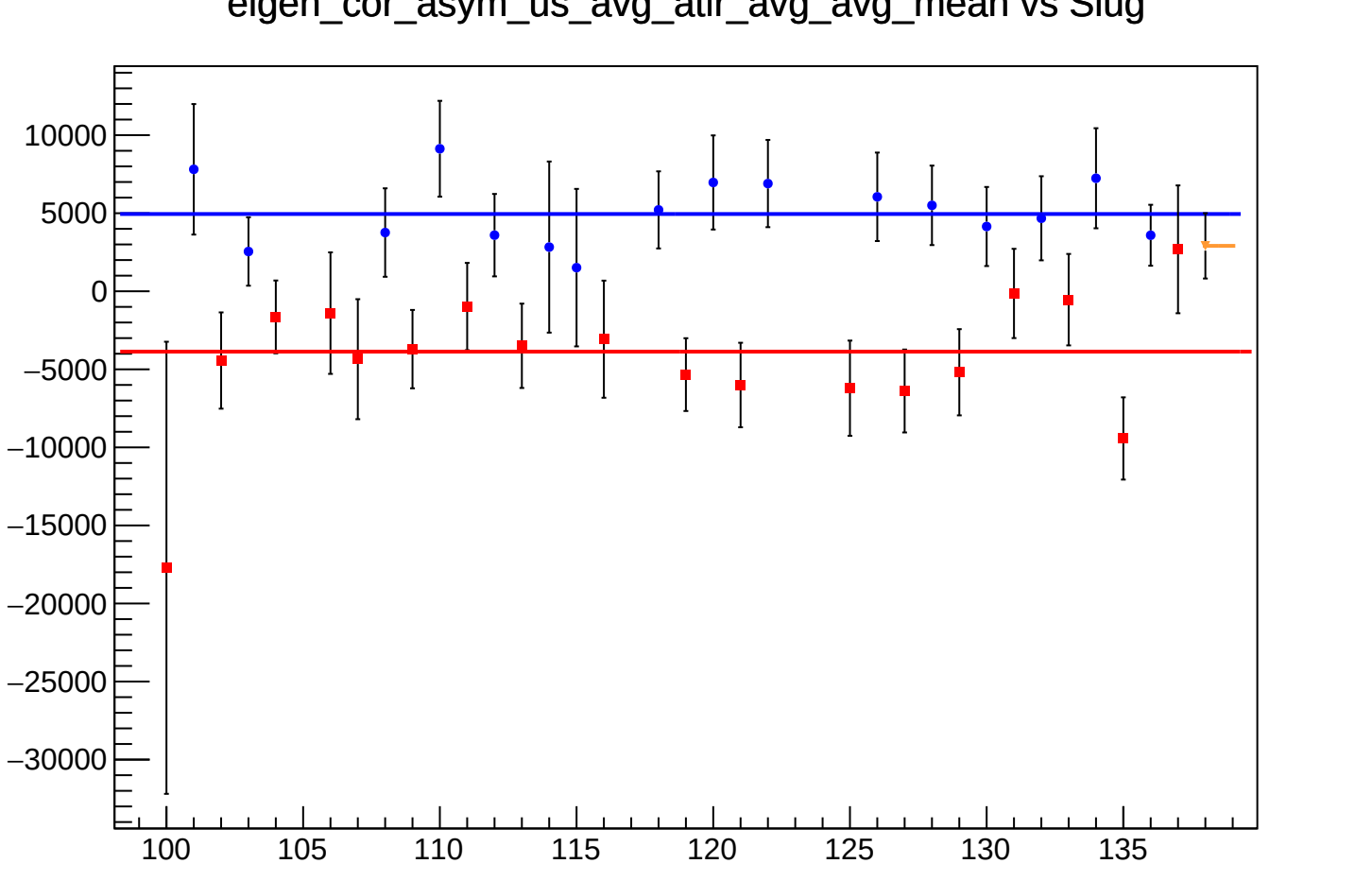
Right Out: 4286.125+/-1.204 χ^2/NDF: 1549852.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4586.284+/-1.209 χ^2/NDF: 1492275.5/16

All: 4435.612+/-0.853 χ^2/NDF: 3073090.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4949.838+/-698.937 χ^2/NDF: 6.8/15

Left Out: 2908.959+/-2092.063 χ^2/NDF:0.0/0

Right Out: -3864.930+/-695.781 χ^2/NDF: 16.2/17

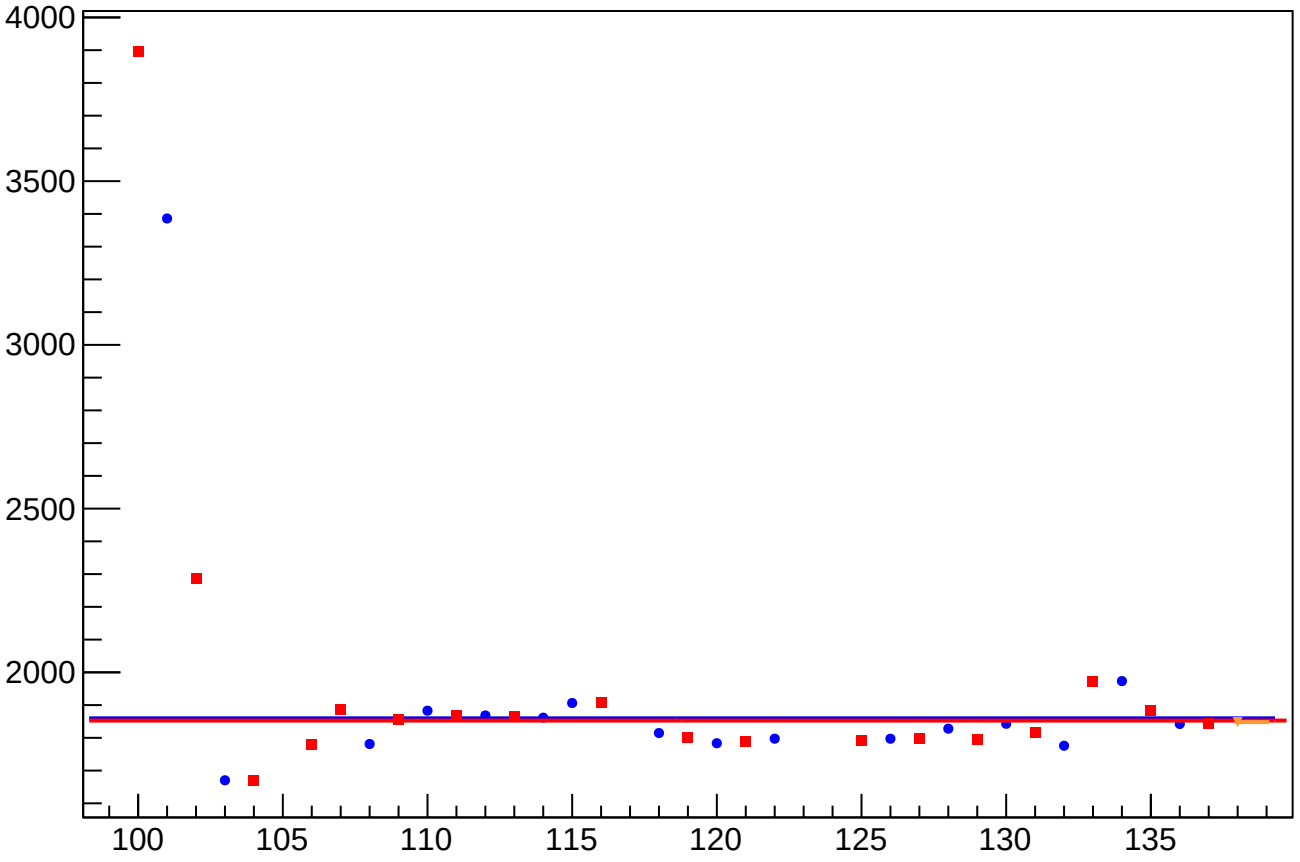
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4744.916+/-662.919 χ^2/NDF: 7.7/16

All: 648.109+/-479.952 χ^2/NDF: 104.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1859.509+/-0.494 χ^2/NDF: 292336.5/15

Left Out: 1848.102+/-1.479 χ^2/NDF:0.0/0

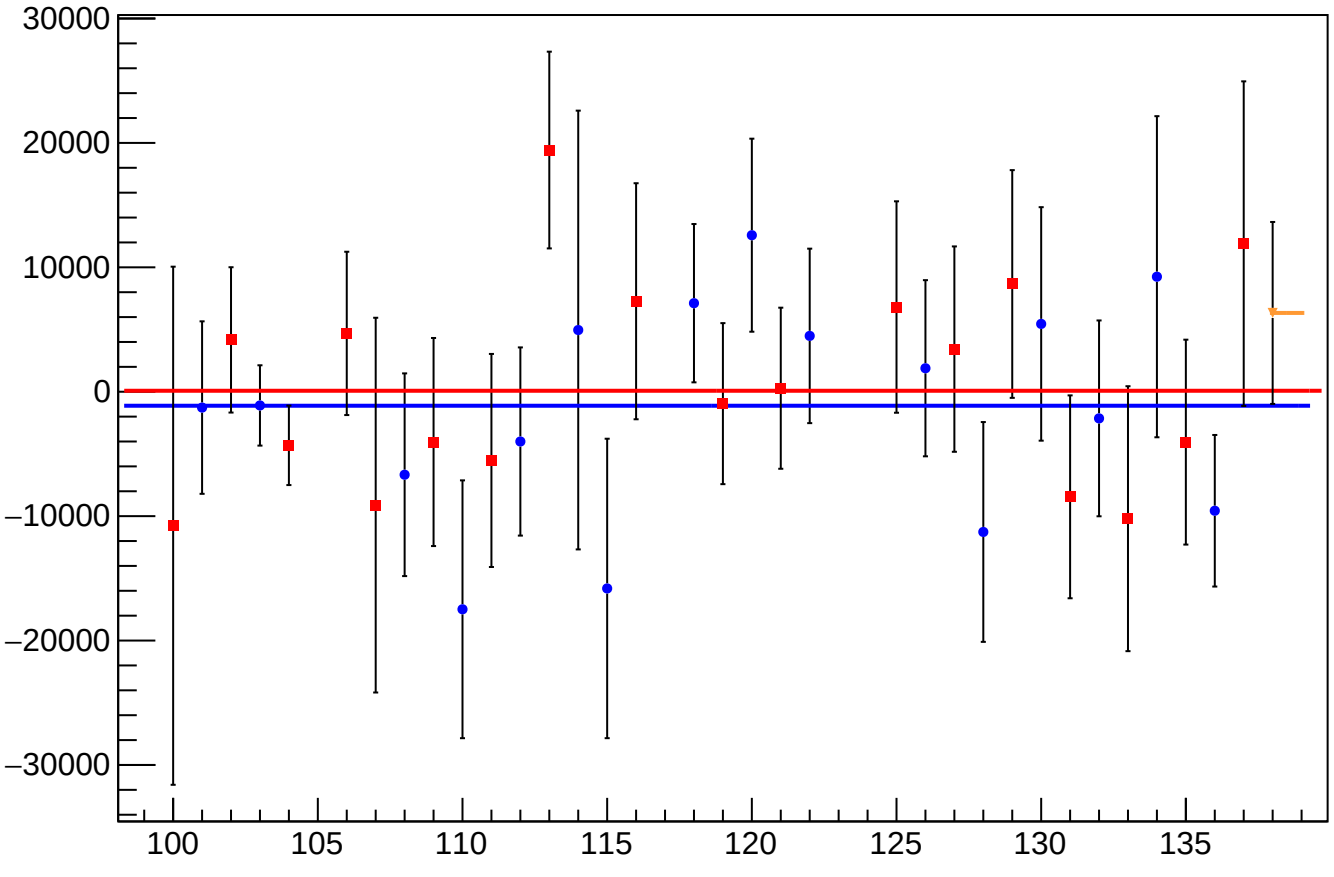
Right Out: 1852.770+/-0.491 χ^2/NDF: 101750.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1858.364+/-0.469 χ^2/NDF: 292389.9/16

All: 1855.695+/-0.339 χ^2/NDF: 394208.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1125.567+/-1757.876 χ^2/NDF: 14.7/15

Left Out: 6333.781+/-7312.186 χ^2/NDF:0.0/0

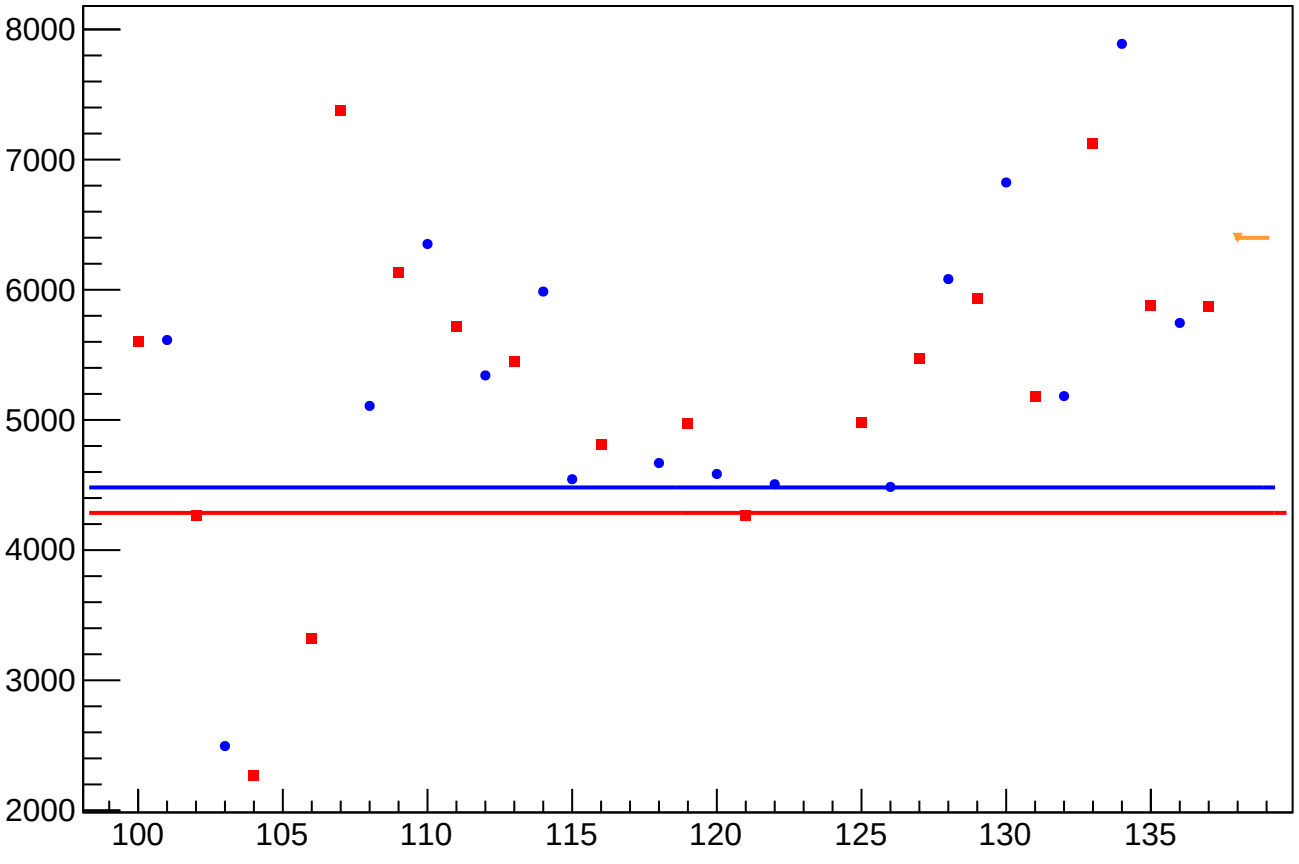
Right Out: 78.270+/-1702.444 χ^2/NDF: 15.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -718.016+/-1709.180 χ^2/NDF: 15.7/16

All: -318.301+/-1206.184 χ^2/NDF: 31.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4481.518+/-1.243 χ^2/NDF: 1362255.0/15

Left Out: 6399.033+/-5.170 χ^2/NDF:0.0/0

Right Out: 4286.125+/-1.204 χ^2/NDF: 1549852.7/17

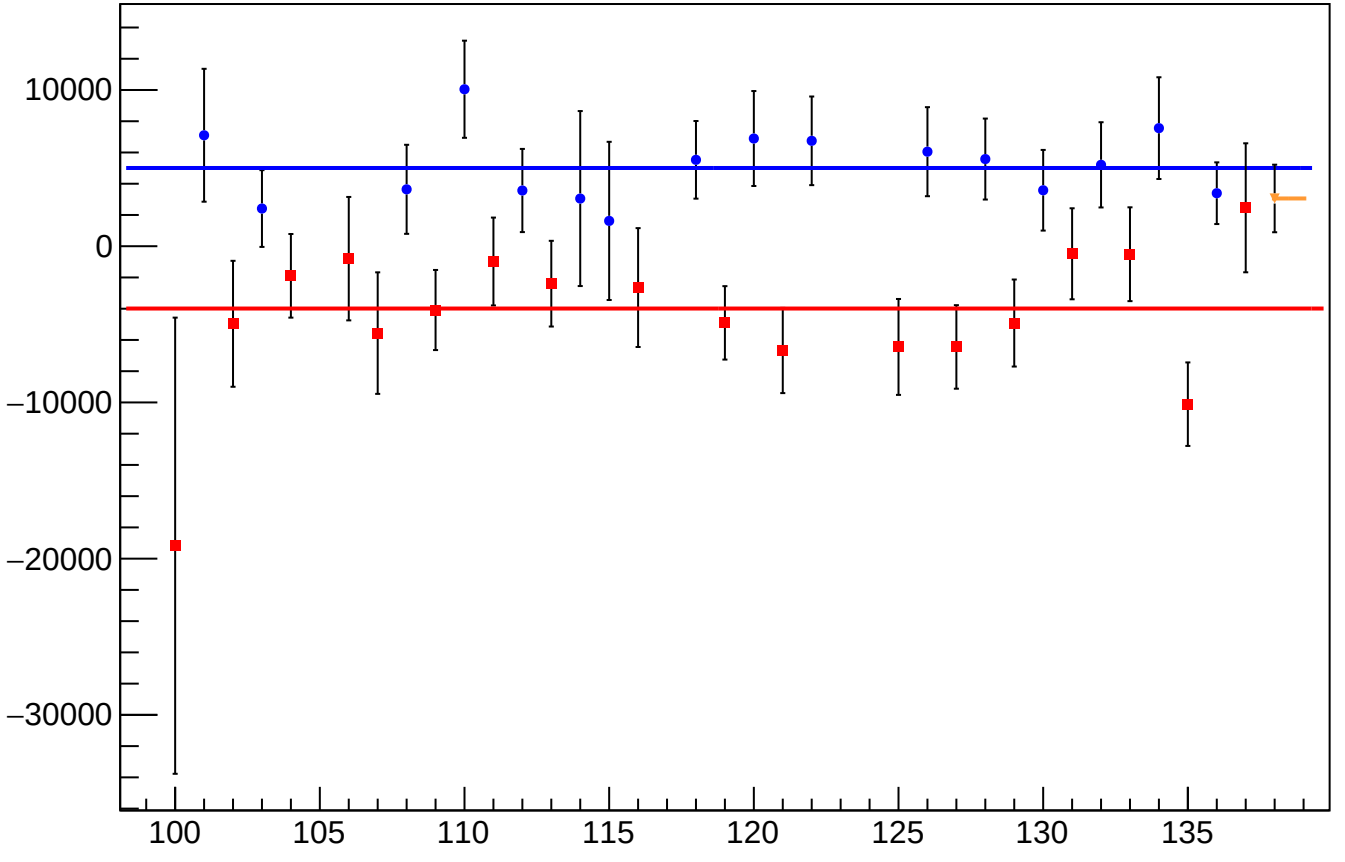
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4586.284+/-1.209 χ^2/NDF: 1492275.5/16

All: 4435.612+/-0.853 χ^2/NDF: 3073090.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5007.315+/-714.061 χ^2/NDF: 7.7/15

Left Out: 3056.321+/-2162.364 χ^2/NDF:0.0/0

Right Out: -3989.193+/-719.024 χ^2/NDF: 17.4/17

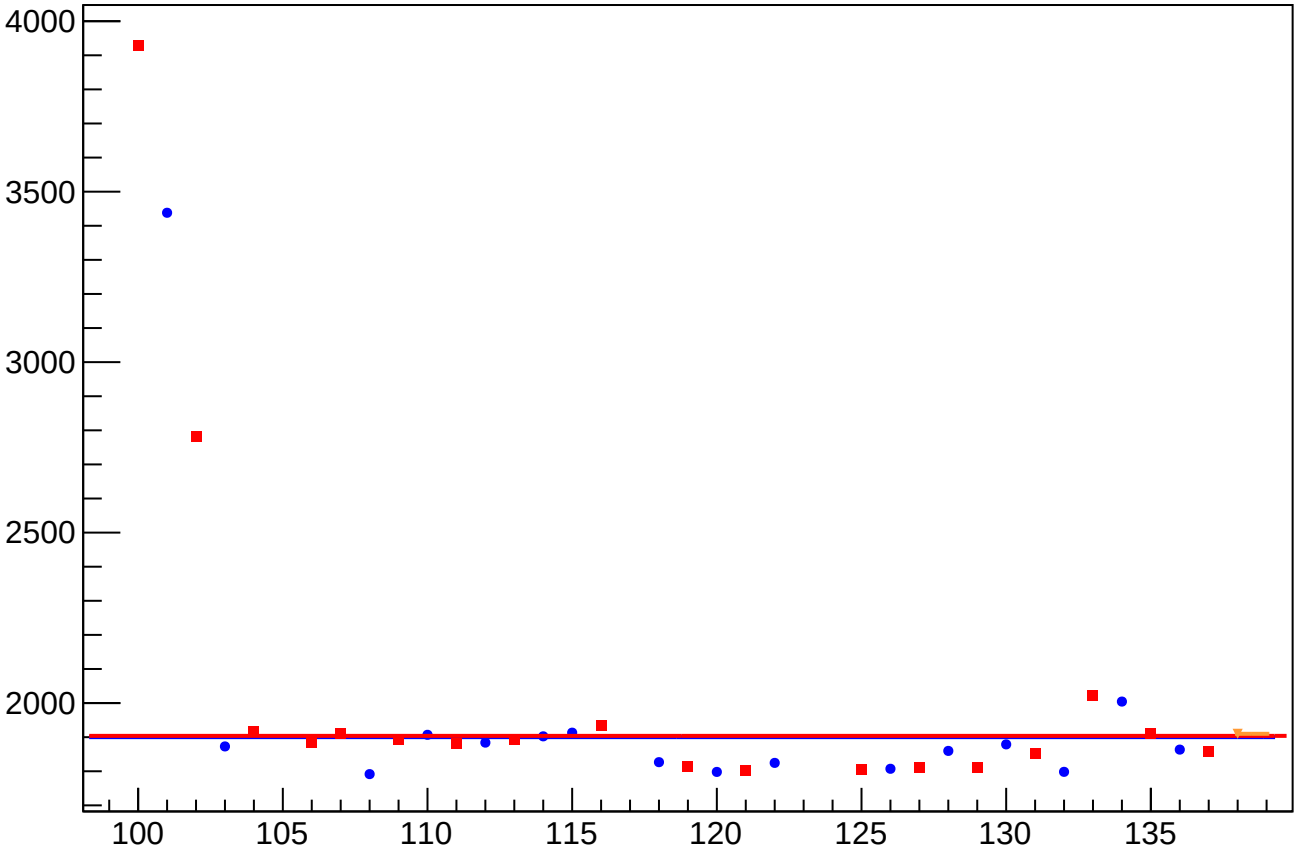
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4815.484+/-678.048 χ^2/NDF: 8.4/16

All: 671.165+/-493.303 χ^2/NDF: 105.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1900.111+/-0.505 χ^2/NDF: 278448.2/15

Left Out: 1909.882+/-1.529 χ^2/NDF:0.0/0

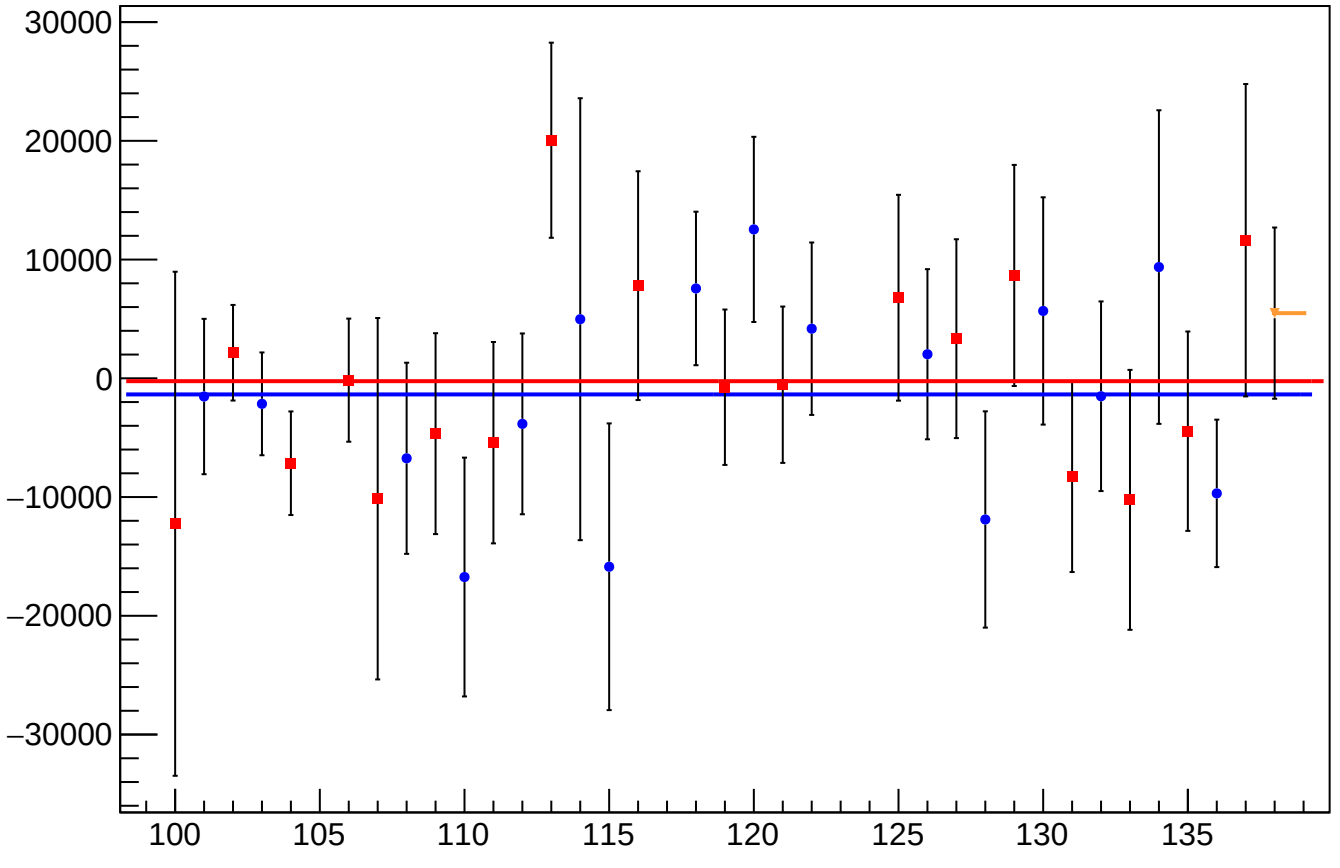
Right Out: 1903.827+/-0.508 χ^2/NDF: 150115.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1901.072+/-0.479 χ^2/NDF: 278485.1/16

All: 1902.370+/-0.349 χ^2/NDF: 428616.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1356.615+/-1895.990 χ^2/NDF: 14.7/15

Left Out: 5489.594+/-7210.103 χ^2/NDF:0.0/0

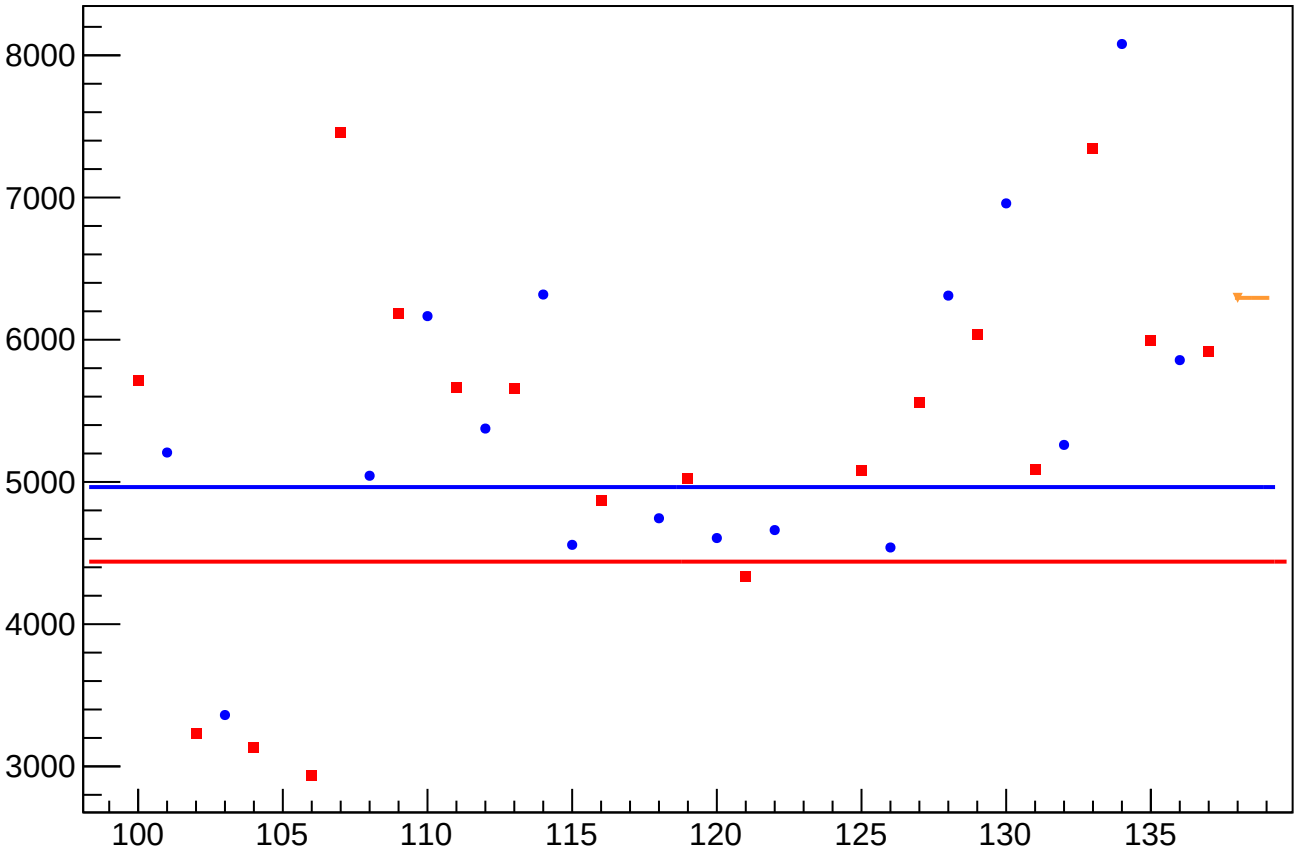
Right Out: -241.153+/-1712.681 χ^2/NDF: 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -913.822+/-1833.652 χ^2/NDF: 15.6/16

All: -554.568+/-1251.631 χ^2/NDF: 31.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4963.998+/-1.341 χ^2/NDF: 627377.0/15

Left Out: 6294.468+/-5.098 χ^2/NDF:0.0/0

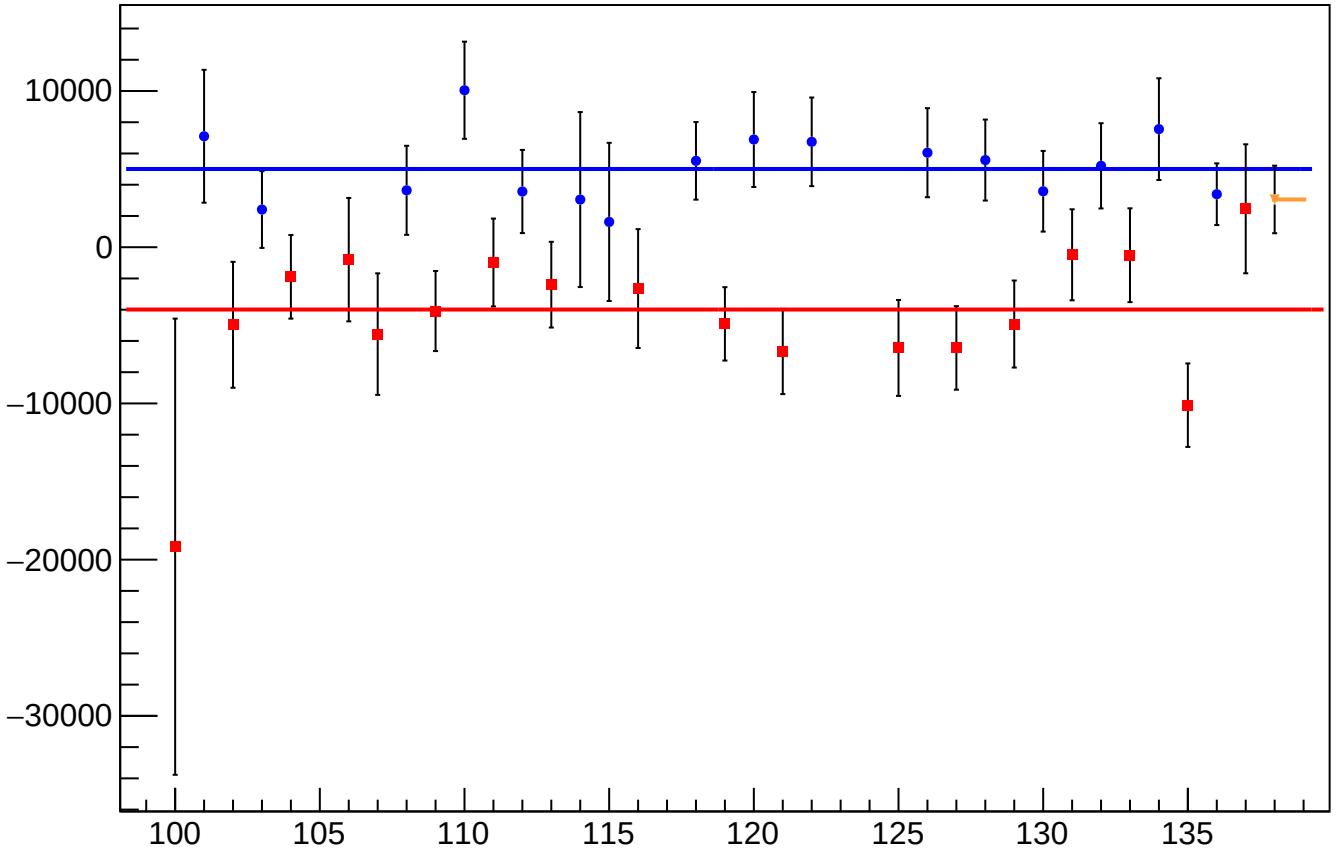
Right Out: 4439.675+/-1.211 χ^2/NDF: 1158510.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5050.049+/-1.297 χ^2/NDF: 691074.0/16

All: 4724.065+/-0.885 χ^2/NDF: 1967939.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5007.314+/-714.061 χ^2/NDF: 7.7/15

Left Out: 3056.343+/-2162.364 χ^2/NDF:0.0/0

Right Out: -3989.192+/-719.024 χ^2/NDF: 17.4/17

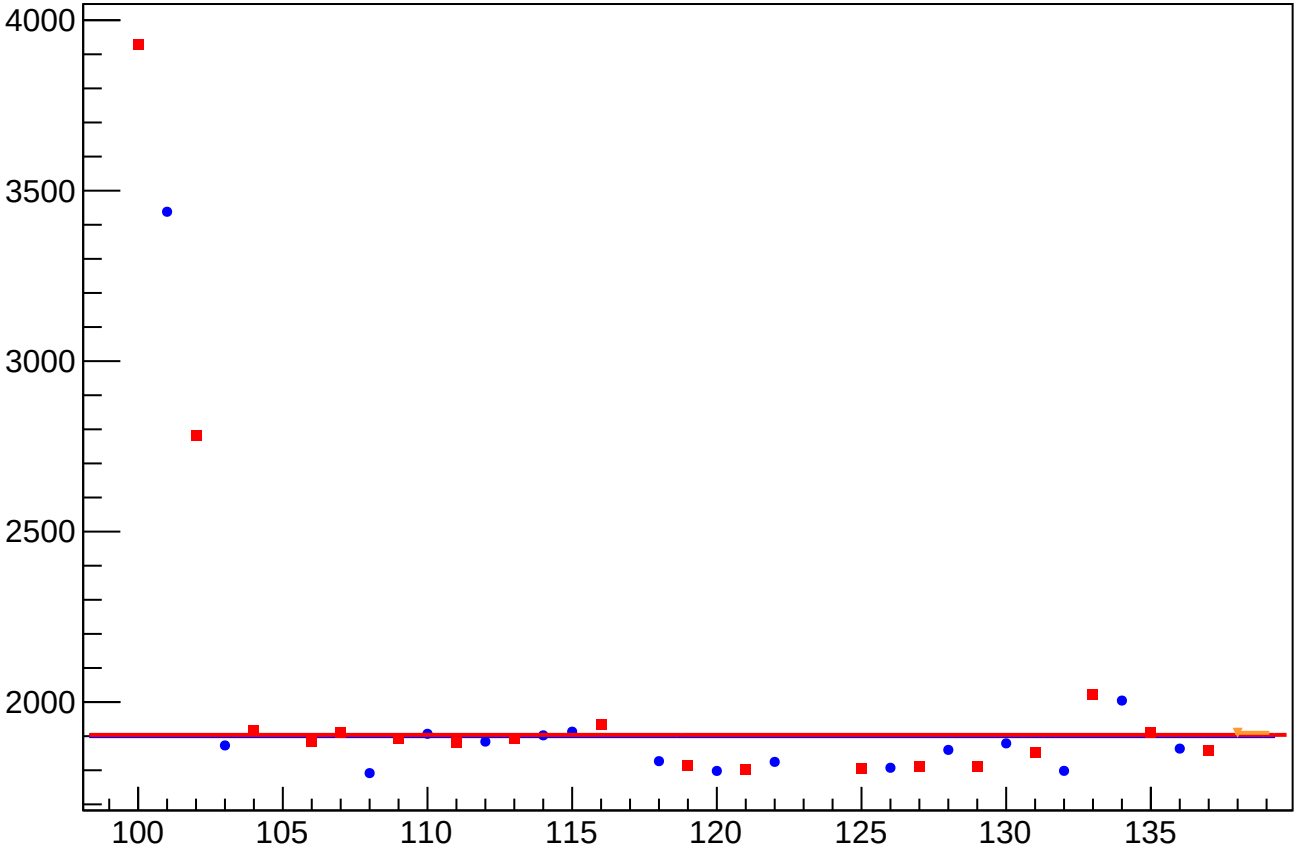
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 4815.485+/-678.048 χ^2/NDF: 8.4/16

All: 671.166+/-493.303 χ^2/NDF: 105.1/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1900.111+/-0.505 χ^2/NDF: 278448.5/15

Left Out: 1909.882+/-1.529 χ^2/NDF:0.0/0

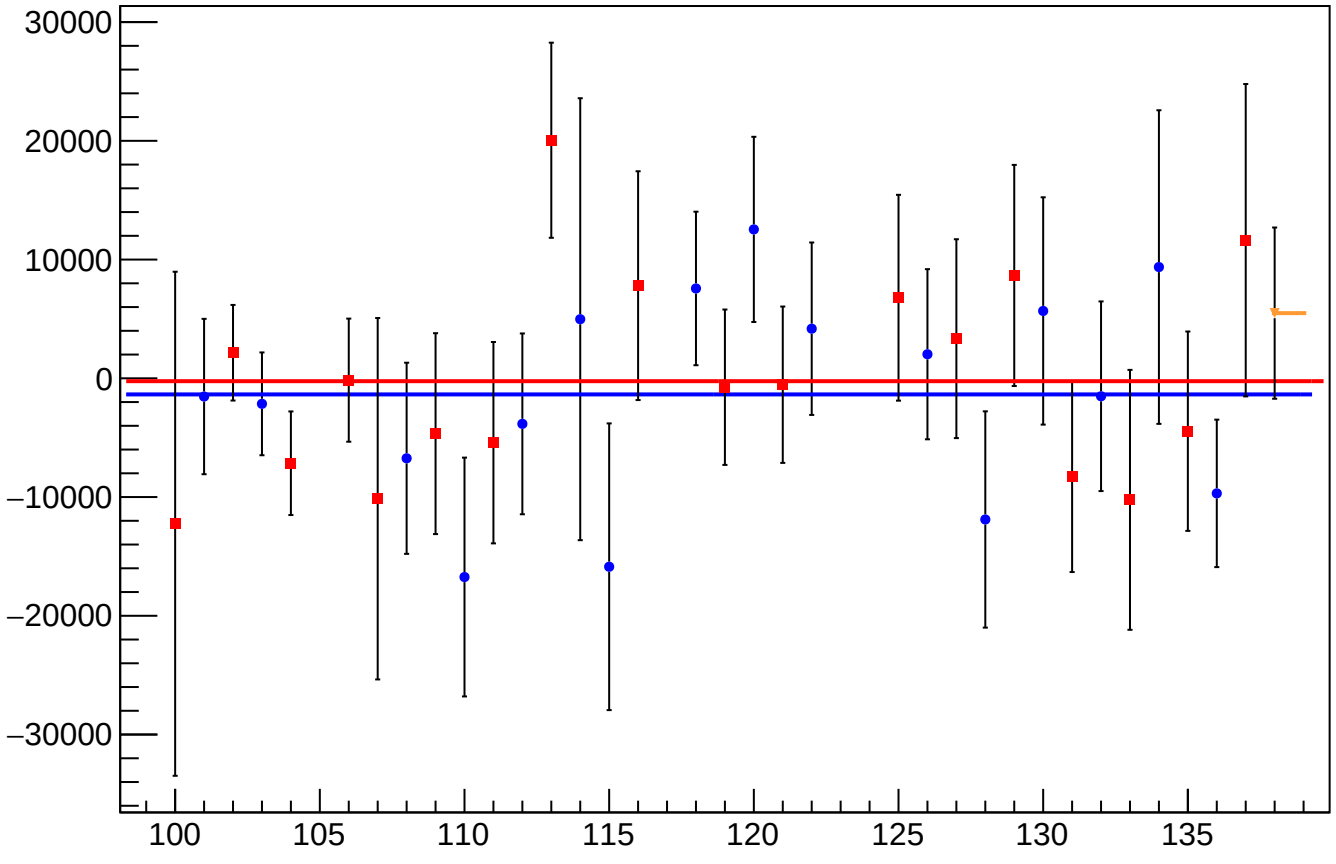
Right Out: 1903.826+/-0.508 χ^2/NDF: 150115.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1901.072+/-0.479 χ^2/NDF: 278485.3/16

All: 1902.370+/-0.349 χ^2/NDF: 428616.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1356.604+/-1895.985 χ^2/NDF: 14.7/15

Left Out: 5489.612+/-7210.120 χ^2/NDF:0.0/0

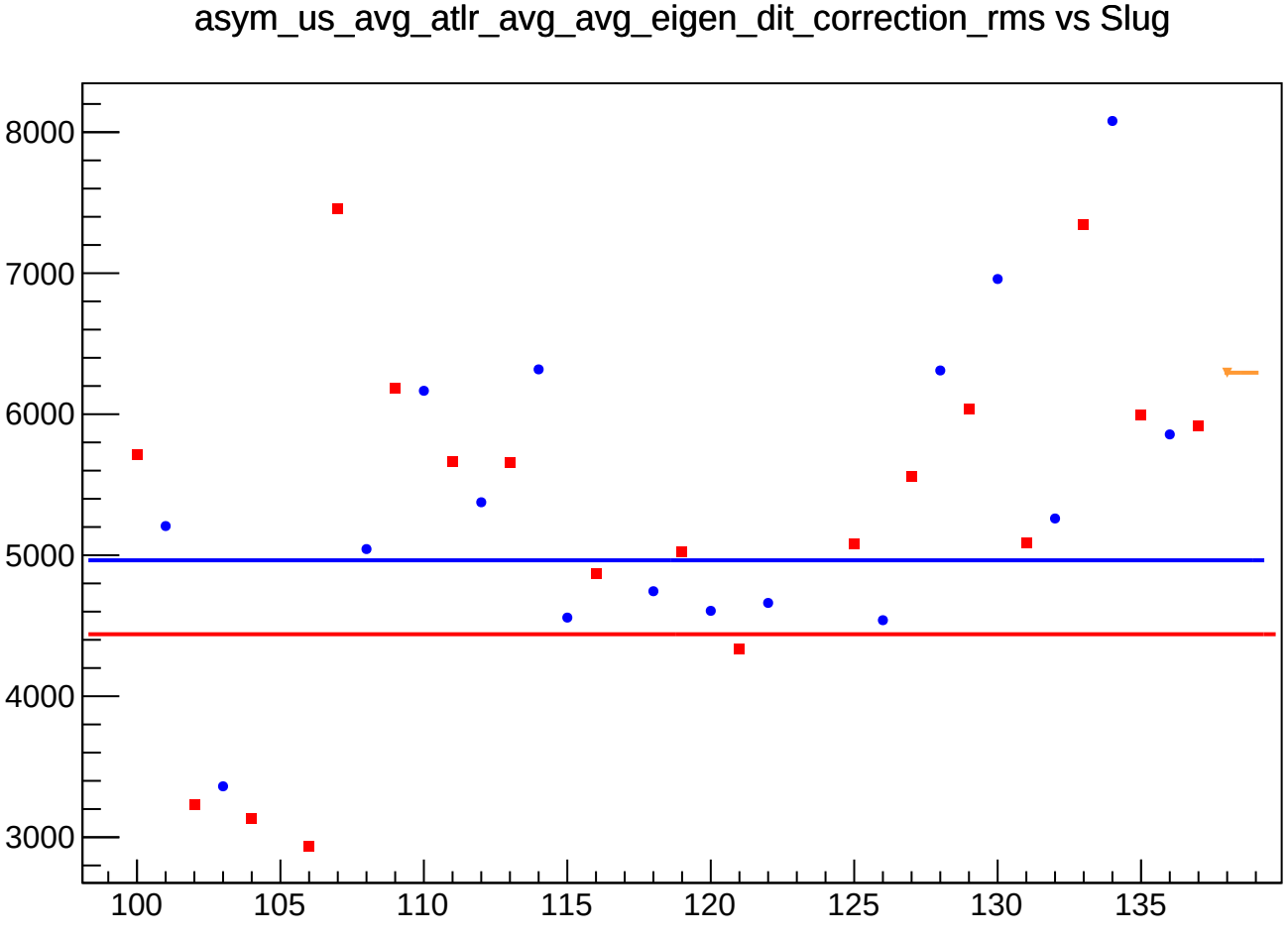
Right Out: -241.155+/-1712.677 χ^2/NDF: 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -913.815+/-1833.648 χ^2/NDF: 15.6/16

All: -554.566+/-1251.628 χ^2/NDF: 31.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4963.985+/-1.341 χ^2/NDF: 627379.5/15

Left Out: 6294.483+/-5.098 χ^2/NDF:0.0/0

Right Out: 4439.663+/-1.211 χ^2/NDF: 1158509.7/17

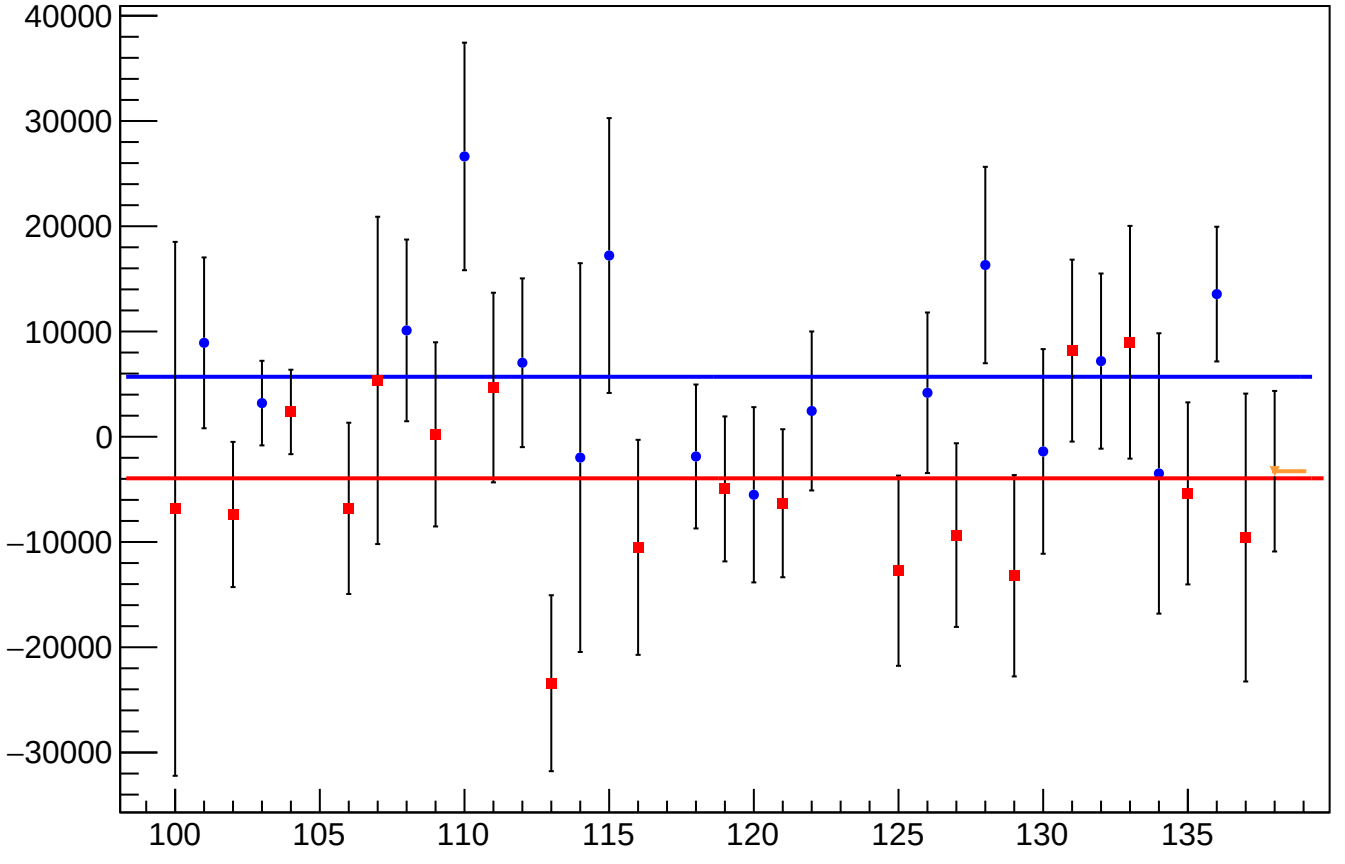
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5050.037+/-1.297 χ^2/NDF: 691078.9/16

All: 4724.054+/-0.885 χ^2/NDF: 1967944.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5697.218+/-1959.214 χ^2/NDF: 12.6/15

Left Out: -3274.873+/-7626.808 χ^2/NDF:0.0/0

Right Out: -3949.394+/-1920.582 χ^2/NDF: 16.1/17

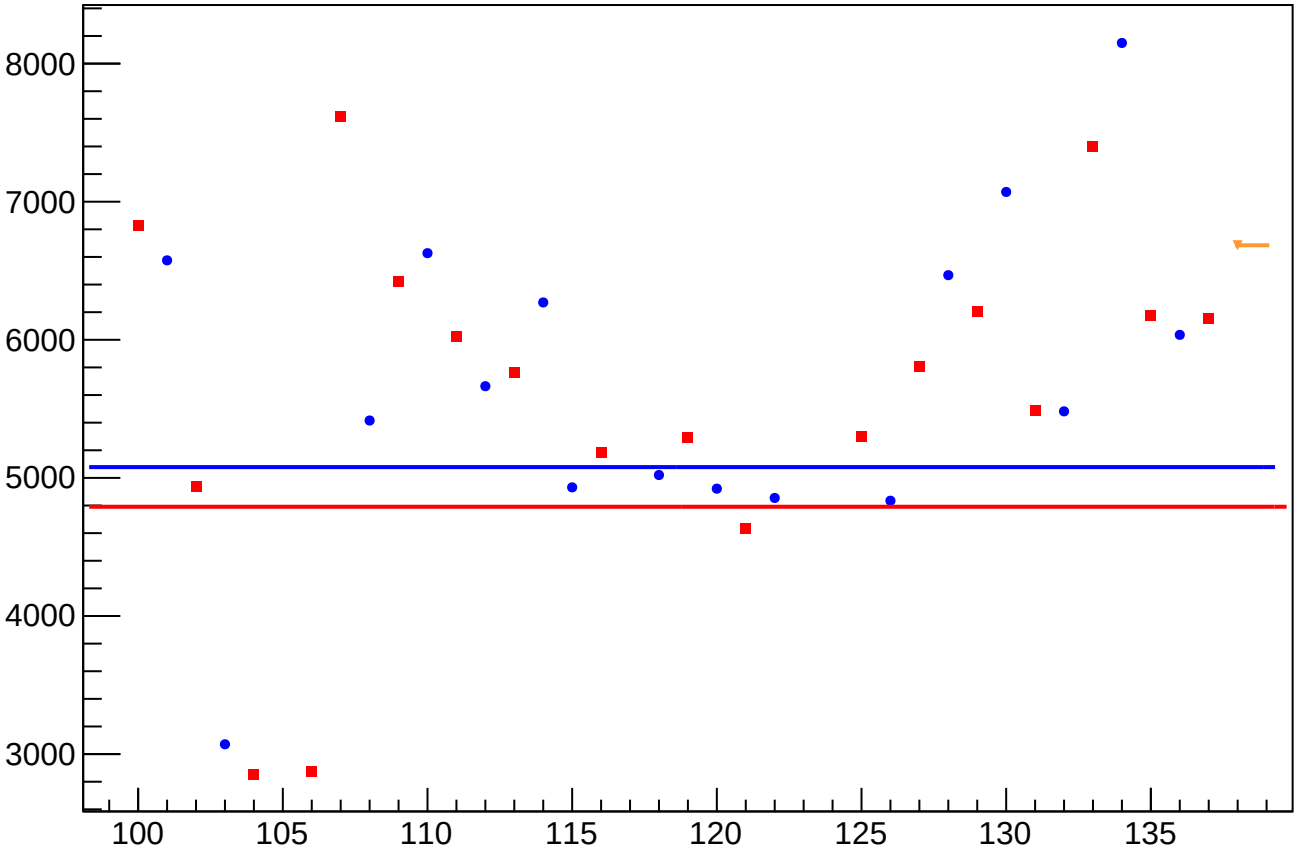
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5141.802+/-1897.603 χ^2/NDF: 13.9/16

All: 650.917+/-1349.859 χ^2/NDF: 41.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 5078.157+/-1.385 χ^2/NDF: 919209.4/15

Left Out: 6684.428+/-5.393 χ^2/NDF:0.0/0

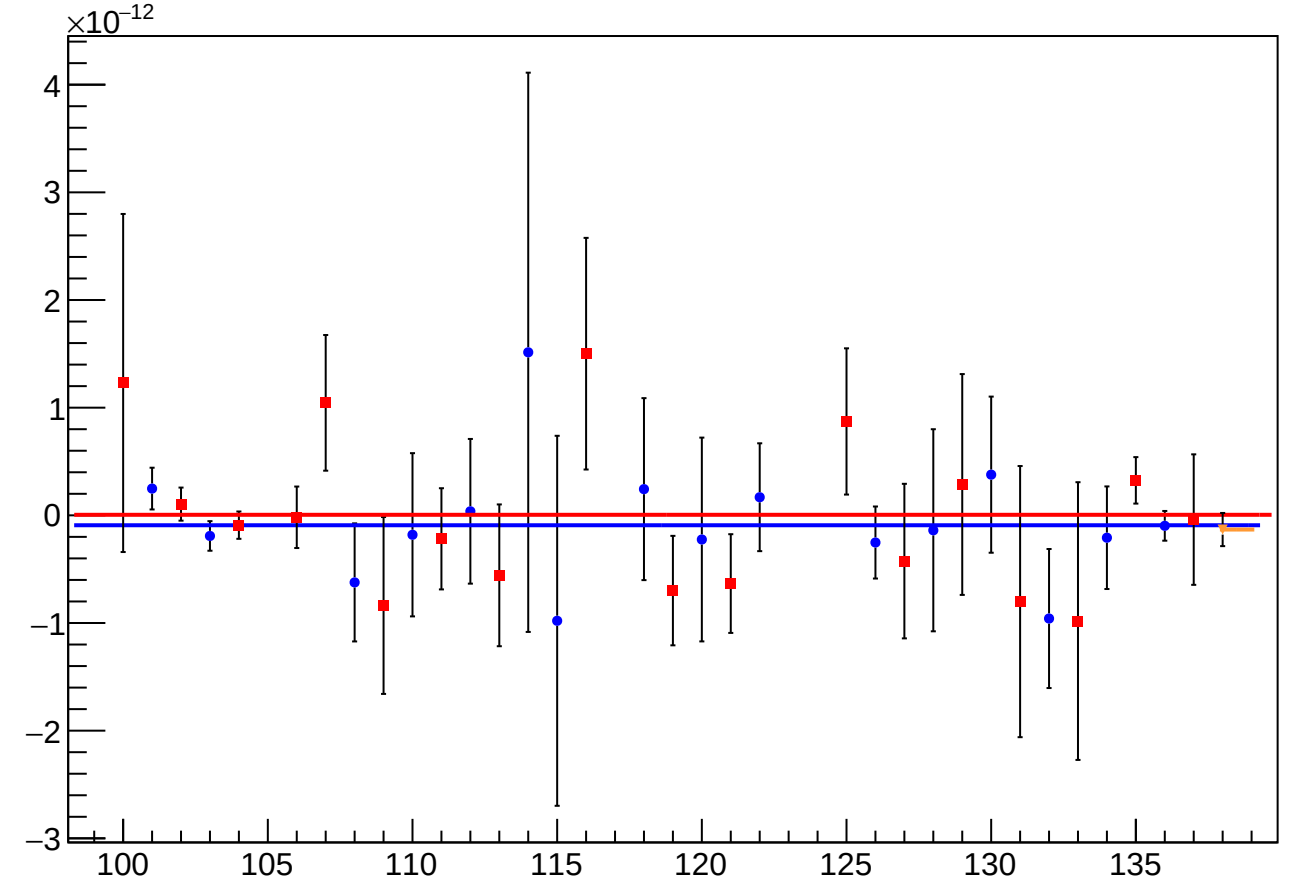
Right Out: 4791.154+/-1.331 χ^2/NDF: 1162455.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5177.590+/-1.342 χ^2/NDF: 1002429.9/16

All: 4982.769+/-0.945 χ^2/NDF: 2206701.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 8.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

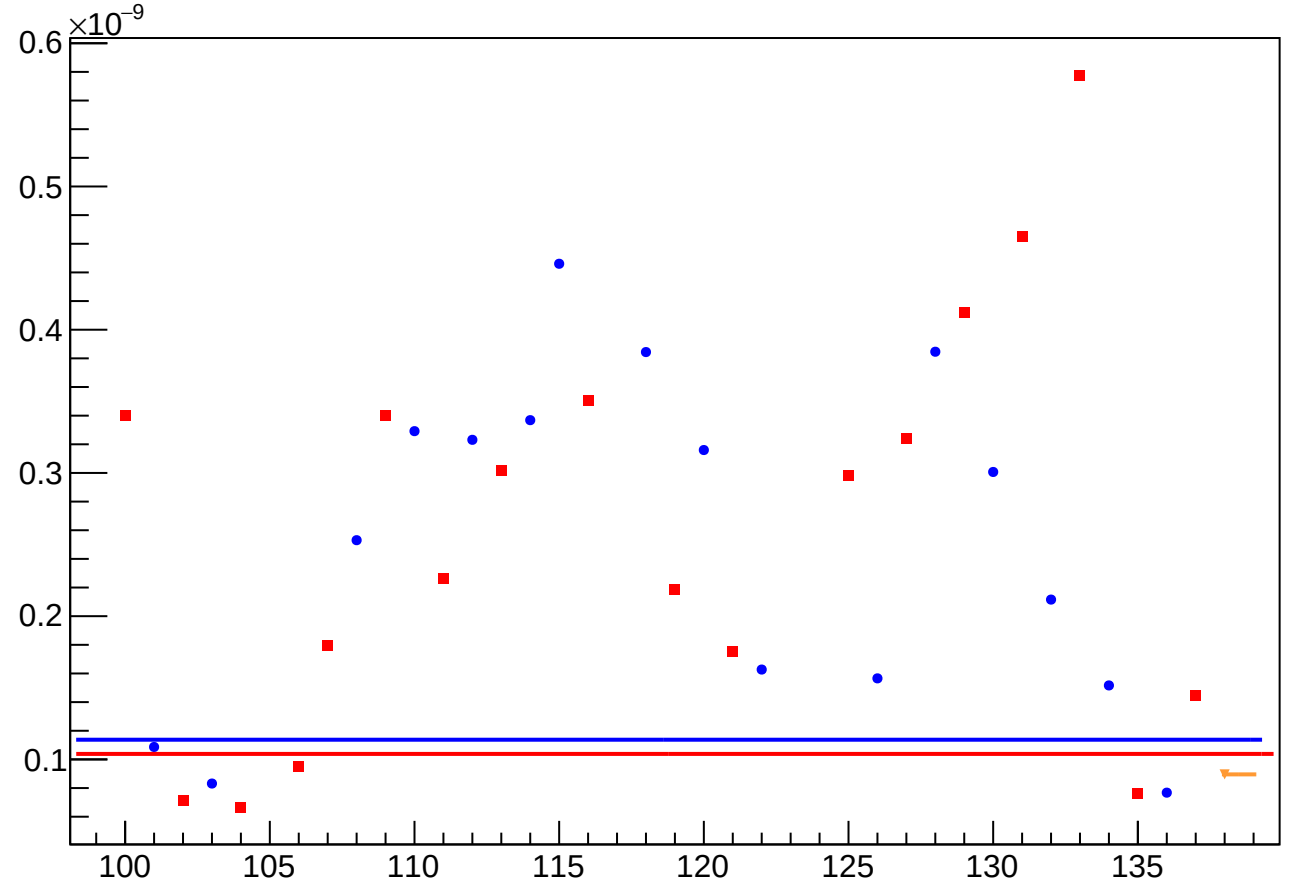
Right Out: 0.000+/-0.000 χ^2/NDF: 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 8.3/16

All: -0.000+/-0.000 χ^2/NDF: 26.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1524807.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

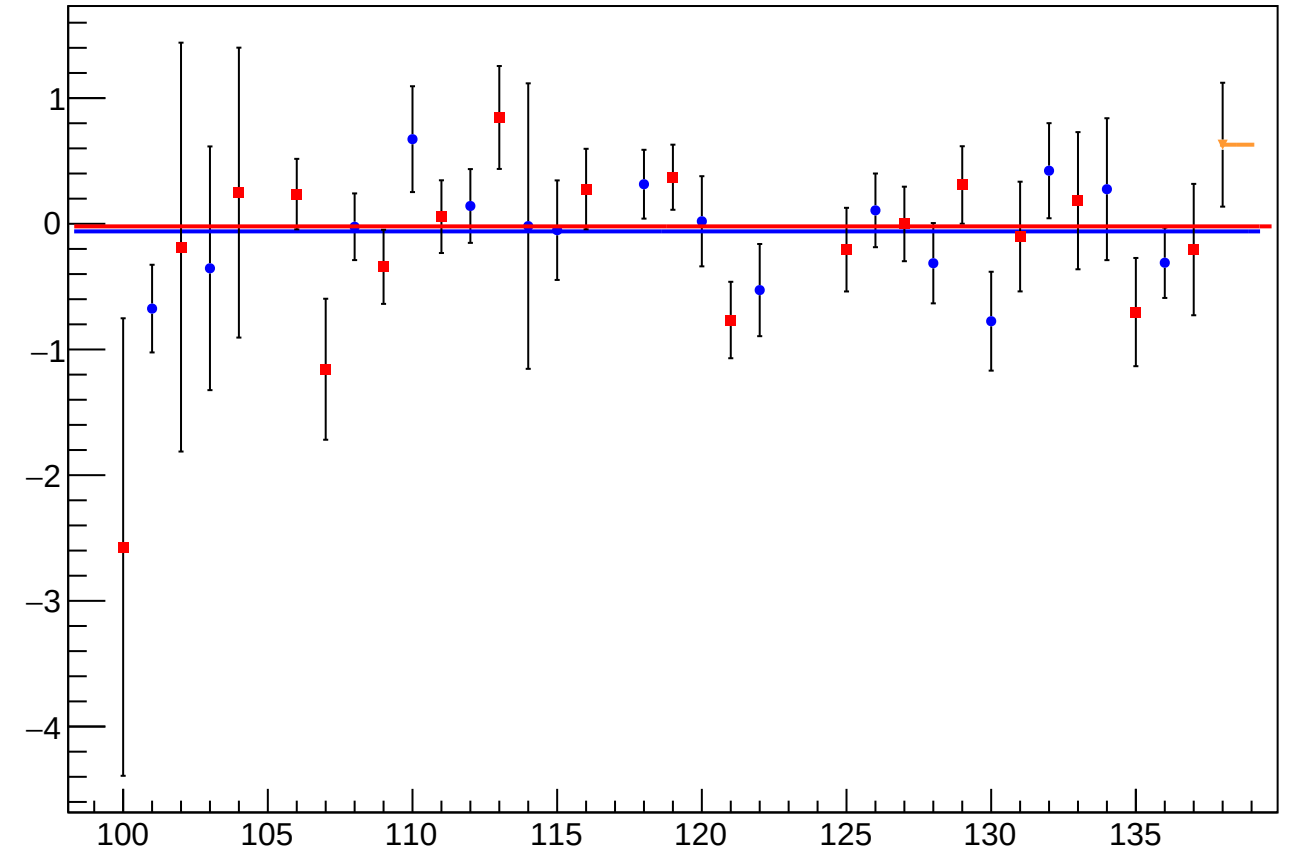
Right Out: 0.000+/-0.000 χ^2/NDF: 2087534.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1564131.6/16

All: 0.000+/-0.000 χ^2/NDF: 3656290.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.060+/-0.089 χ^2/NDF: 17.3/15

Left Out: 0.629+/-0.493 χ^2/NDF:0.0/0

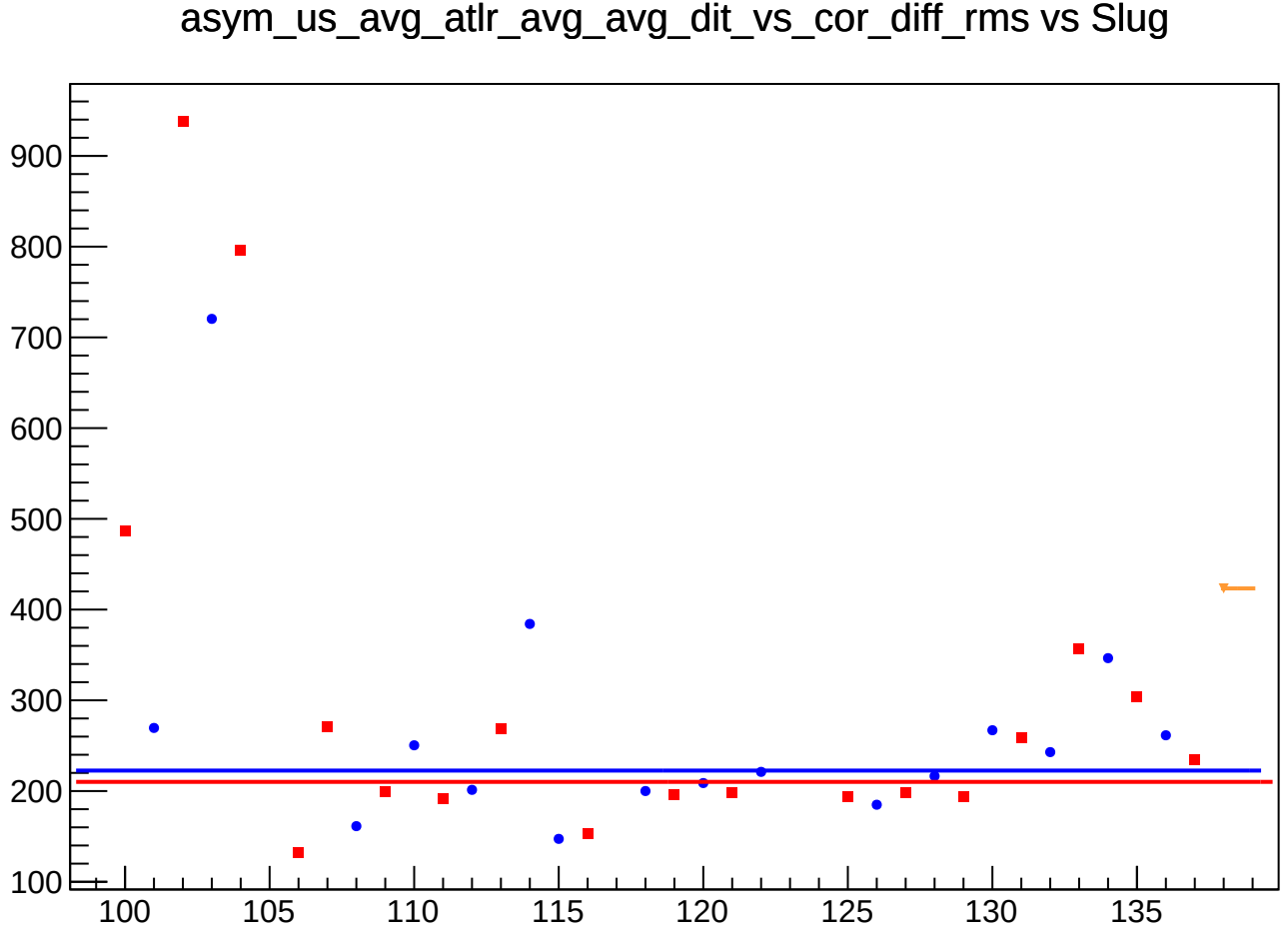
Right Out: -0.020+/-0.087 χ^2/NDF: 26.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.039+/-0.087 χ^2/NDF: 19.2/16

All: -0.030+/-0.062 χ^2/NDF: 45.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 222.569+/-0.063 χ^2/NDF: 1018774.9/15

Left Out: 423.313+/-0.349 χ^2/NDF:0.0/0

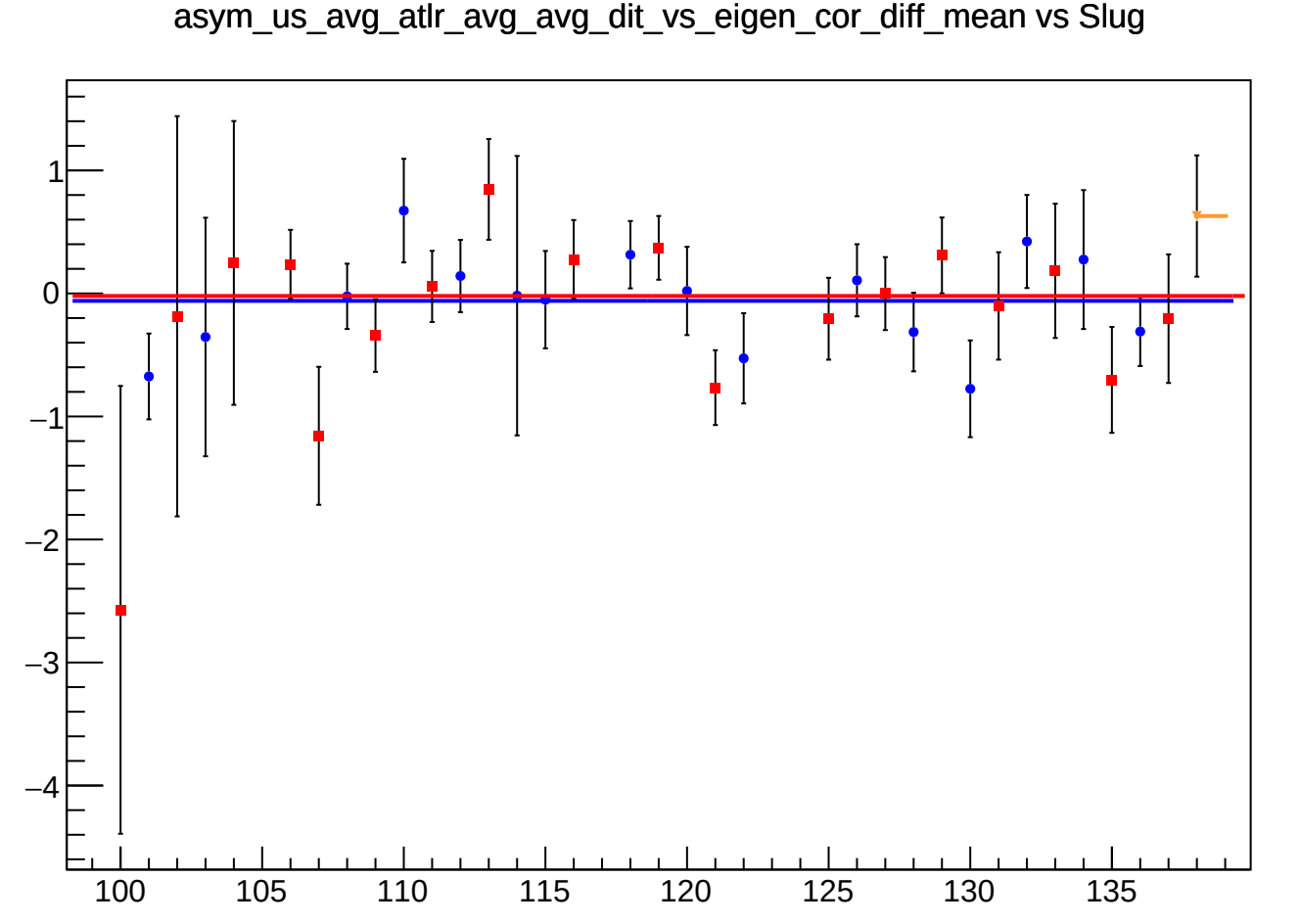
Right Out: 210.123+/-0.062 χ^2/NDF: 1548526.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 228.860+/-0.062 χ^2/NDF: 1340114.8/16

All: 219.510+/-0.044 χ^2/NDF: 2934659.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.060+/-0.089 χ^2/NDF: 17.3/15

Left Out: 0.629+/-0.493 χ^2/NDF:0.0/0

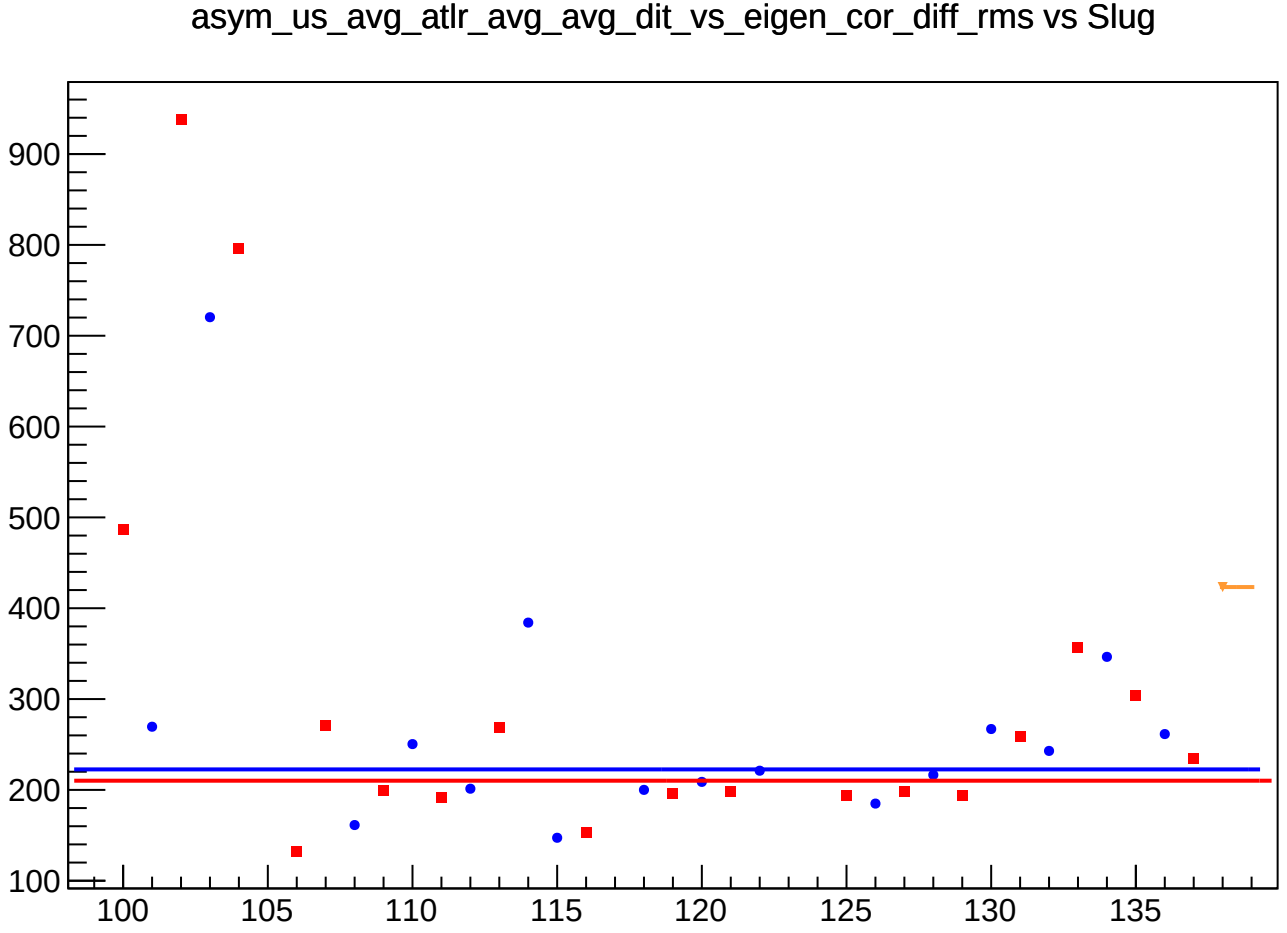
Right Out: -0.020+/-0.087 χ^2/NDF: 26.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.039+/-0.087 χ^2/NDF: 19.2/16

All: -0.030+/-0.062 χ^2/NDF: 45.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 222.569+/-0.063 χ^2/NDF: 1018774.9/15

Left Out: 423.313+/-0.349 χ^2/NDF:0.0/0

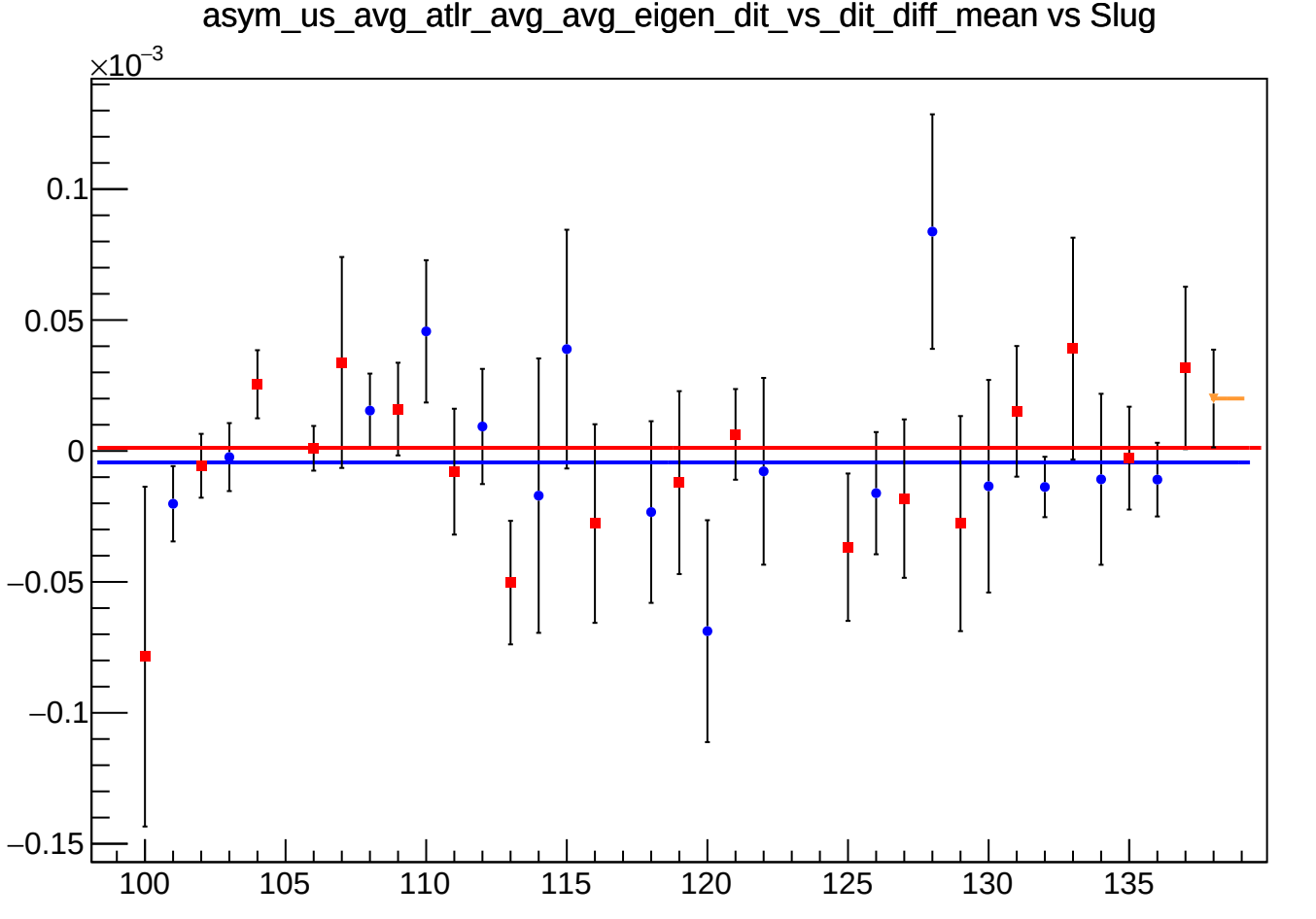
Right Out: 210.123+/-0.062 χ^2/NDF: 1548526.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 228.860+/-0.062 χ^2/NDF: 1340114.8/16

All: 219.510+/-0.044 χ^2/NDF: 2934659.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

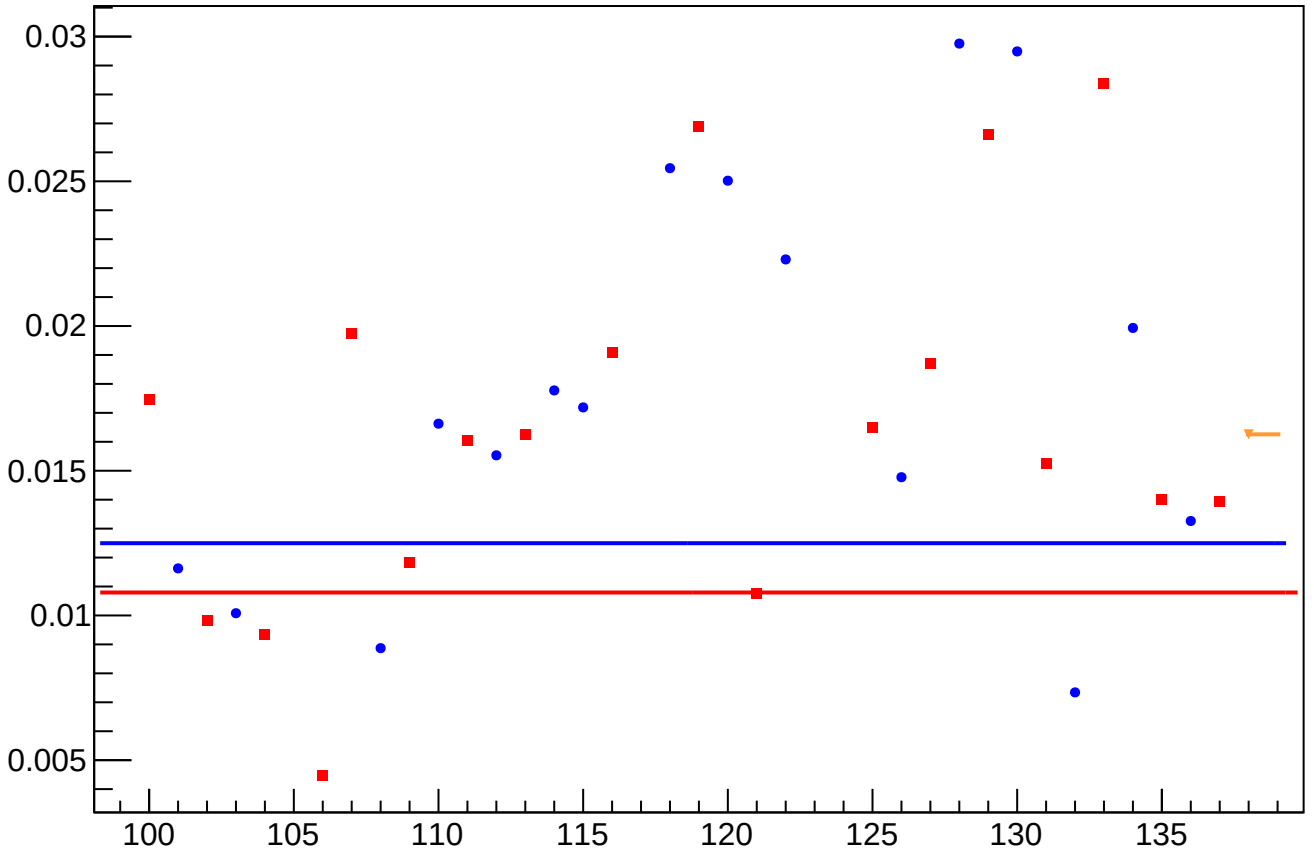
Right Out: 0.000+/-0.000 χ^2/NDF: 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.2/16

All: -0.000+/-0.000 χ^2/NDF: 34.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.012+/-0.000 χ^2/NDF: 2114968.1/15

Left Out: 0.016+/-0.000 χ^2/NDF:0.0/0

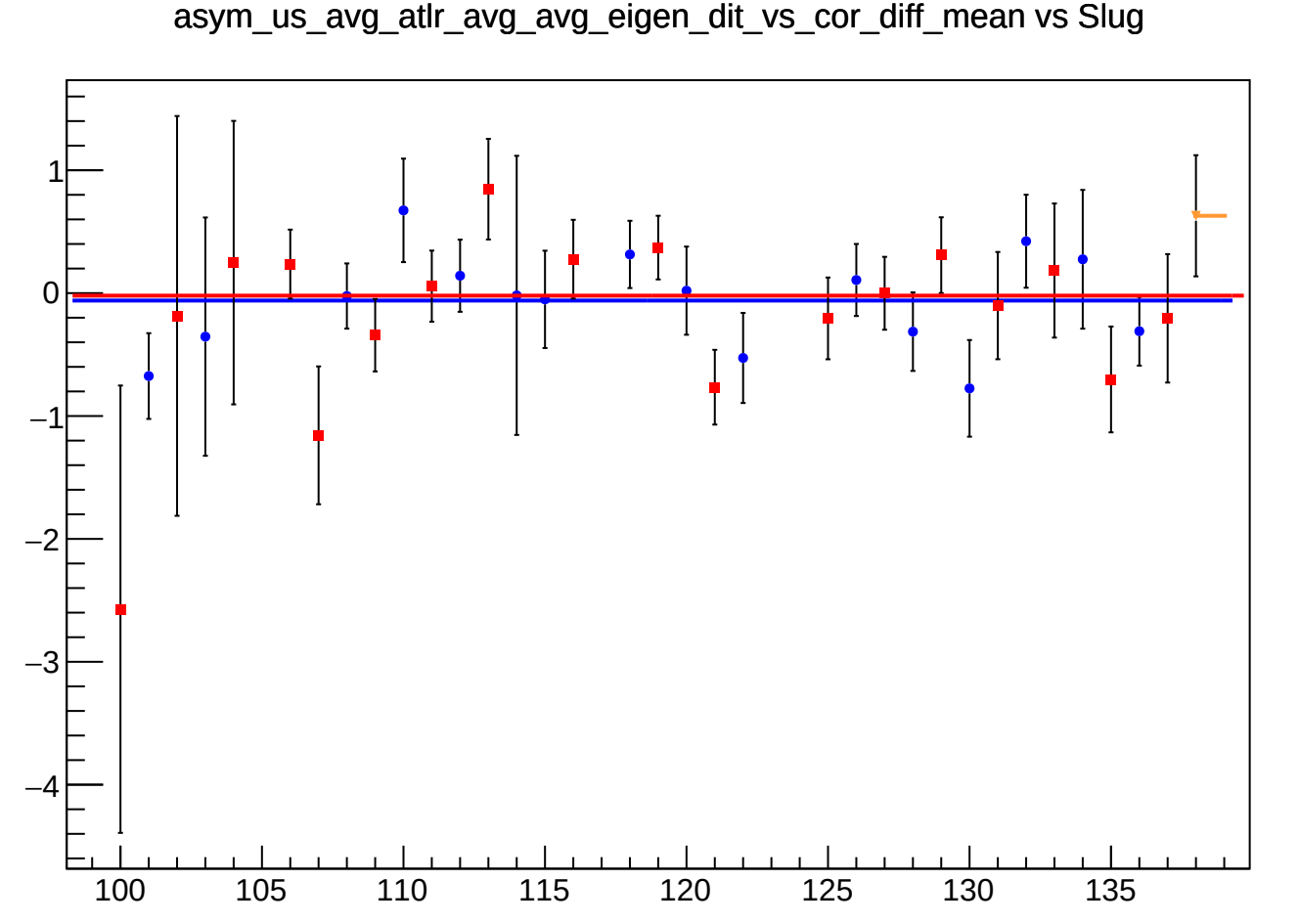
Right Out: 0.011+/-0.000 χ^2/NDF: 2987826.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.000 χ^2/NDF: 2190592.9/16

All: 0.012+/-0.000 χ^2/NDF: 5349264.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.060+/-0.089 χ^2/NDF: 17.3/15

Left Out: 0.629+/-0.493 χ^2/NDF:0.0/0

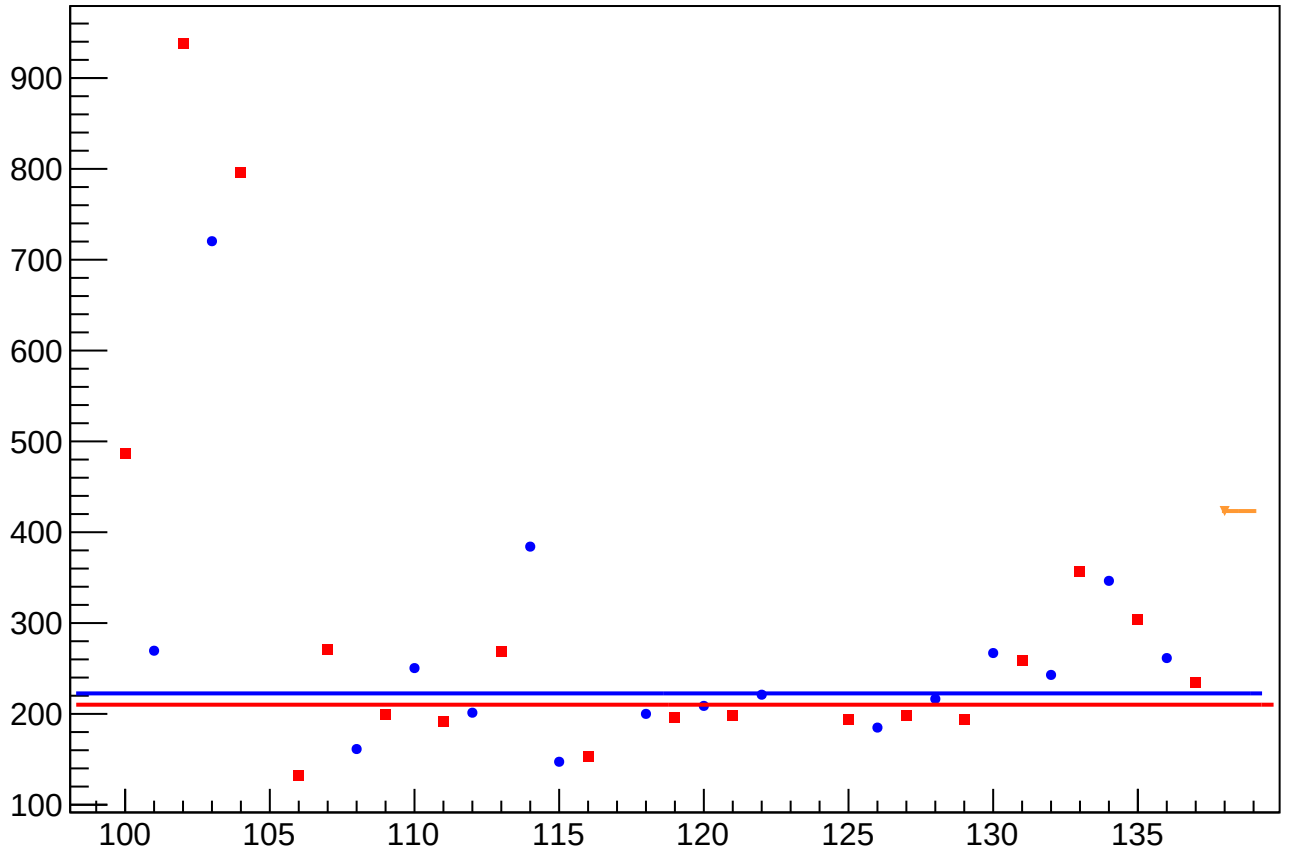
Right Out: -0.020+/-0.087 χ^2/NDF: 26.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.039+/-0.087 χ^2/NDF: 19.2/16

All: -0.030+/-0.062 χ^2/NDF: 45.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 222.567+/-0.063 χ^2/NDF: 1018760.3/15

Left Out: 423.316+/-0.349 χ^2/NDF:0.0/0

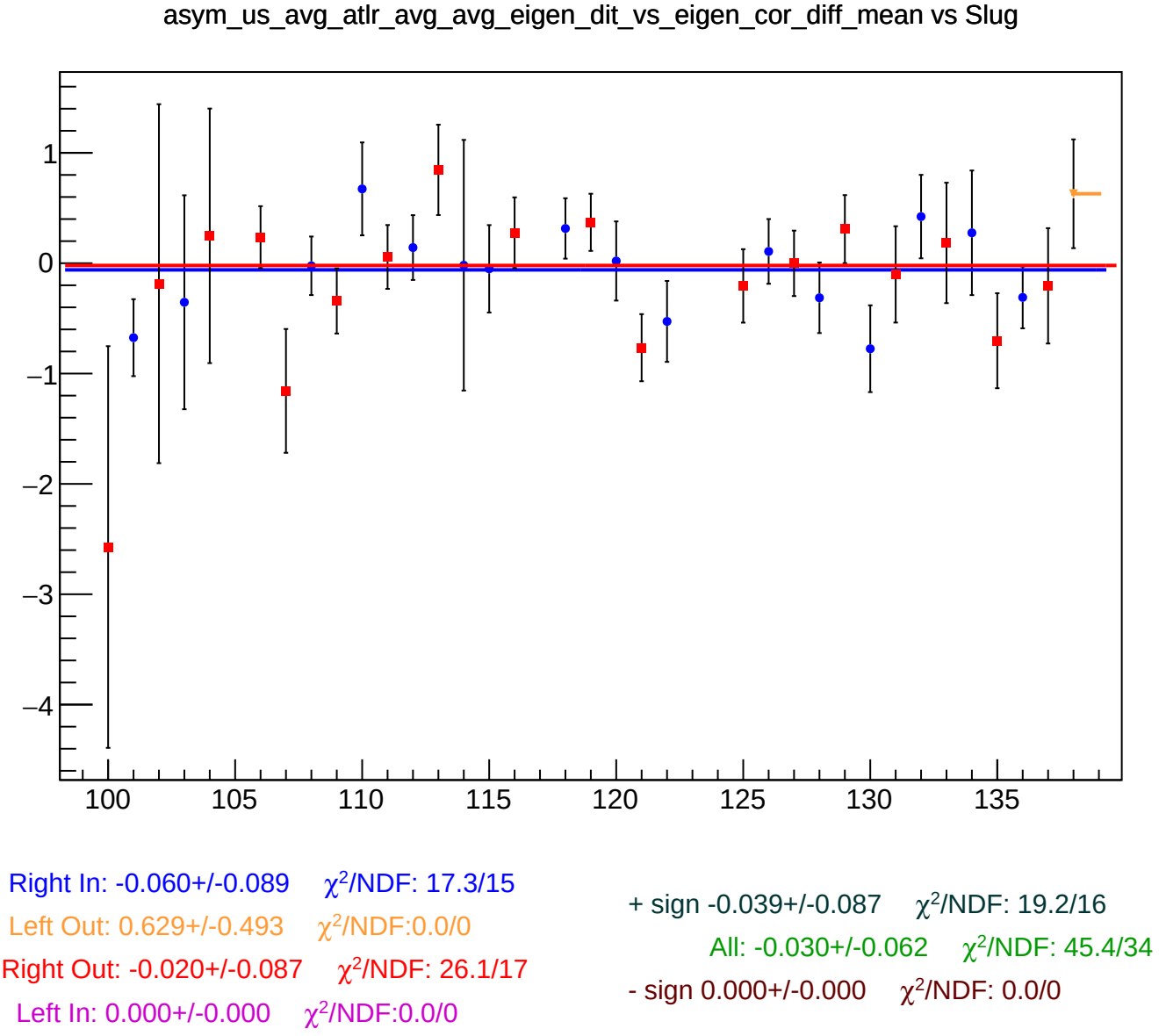
Right Out: 210.120+/-0.062 χ^2/NDF: 1548507.5/17

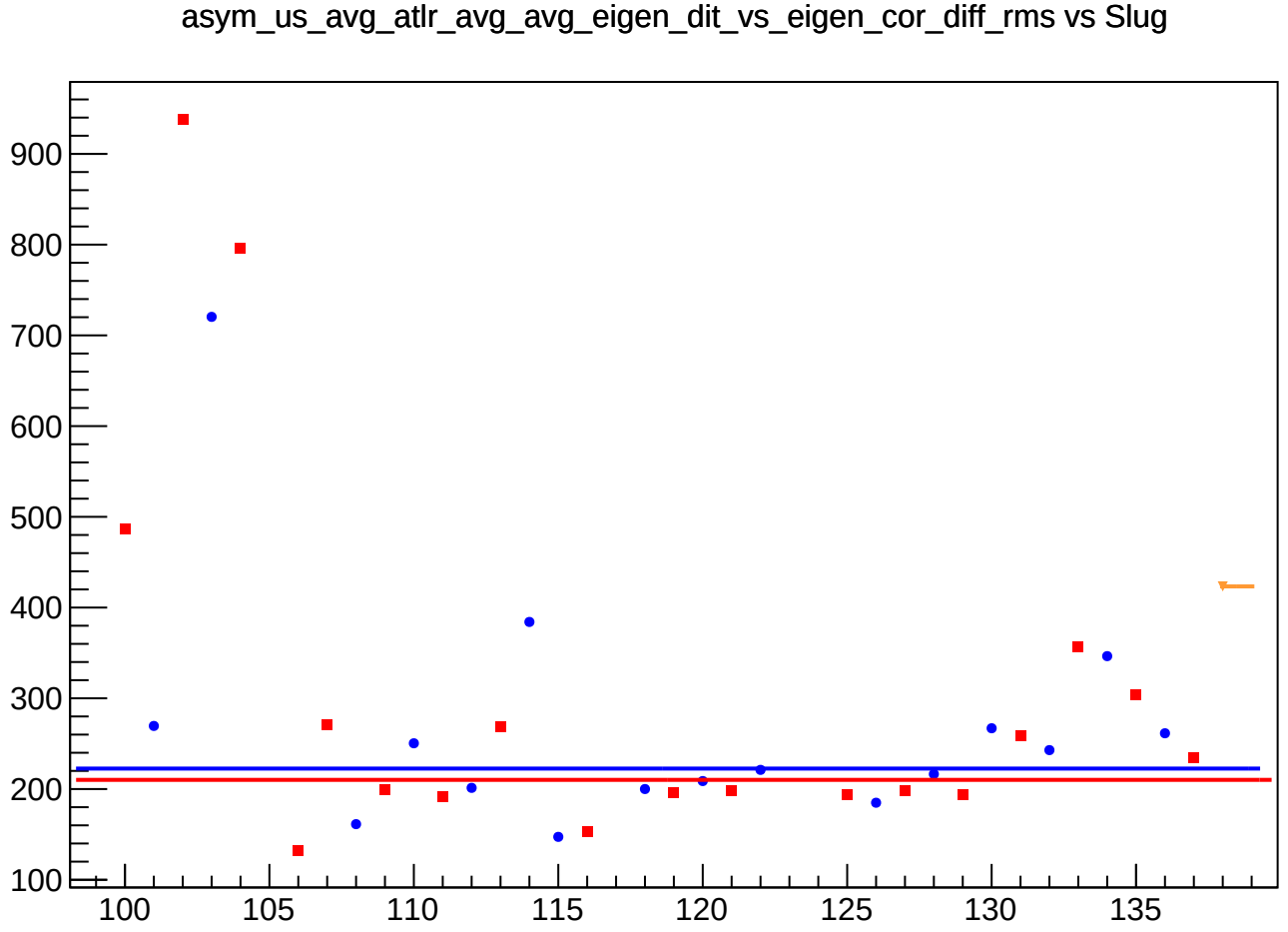
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 228.858+/-0.062 χ^2/NDF: 1340113.6/16

All: 219.508+/-0.044 χ^2/NDF: 2934644.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug
1
0
−1
−2
−3
−4
100
105
110
115
120
125
130
135
Right In: -0.060+/-0.089 χ²/NDF: 17.3/15
Left Out: 0.629+/-0.493 χ²/NDF:0.0/0
Right Out: -0.020+/-0.087 χ²/NDF: 26.1/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.039+/-0.087 χ²/NDF: 19.2/16
All: -0.030+/-0.062 χ²/NDF: 45.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 222.567+/-0.063 χ^2/NDF: 1018760.3/15

Left Out: 423.316+/-0.349 χ^2/NDF:0.0/0

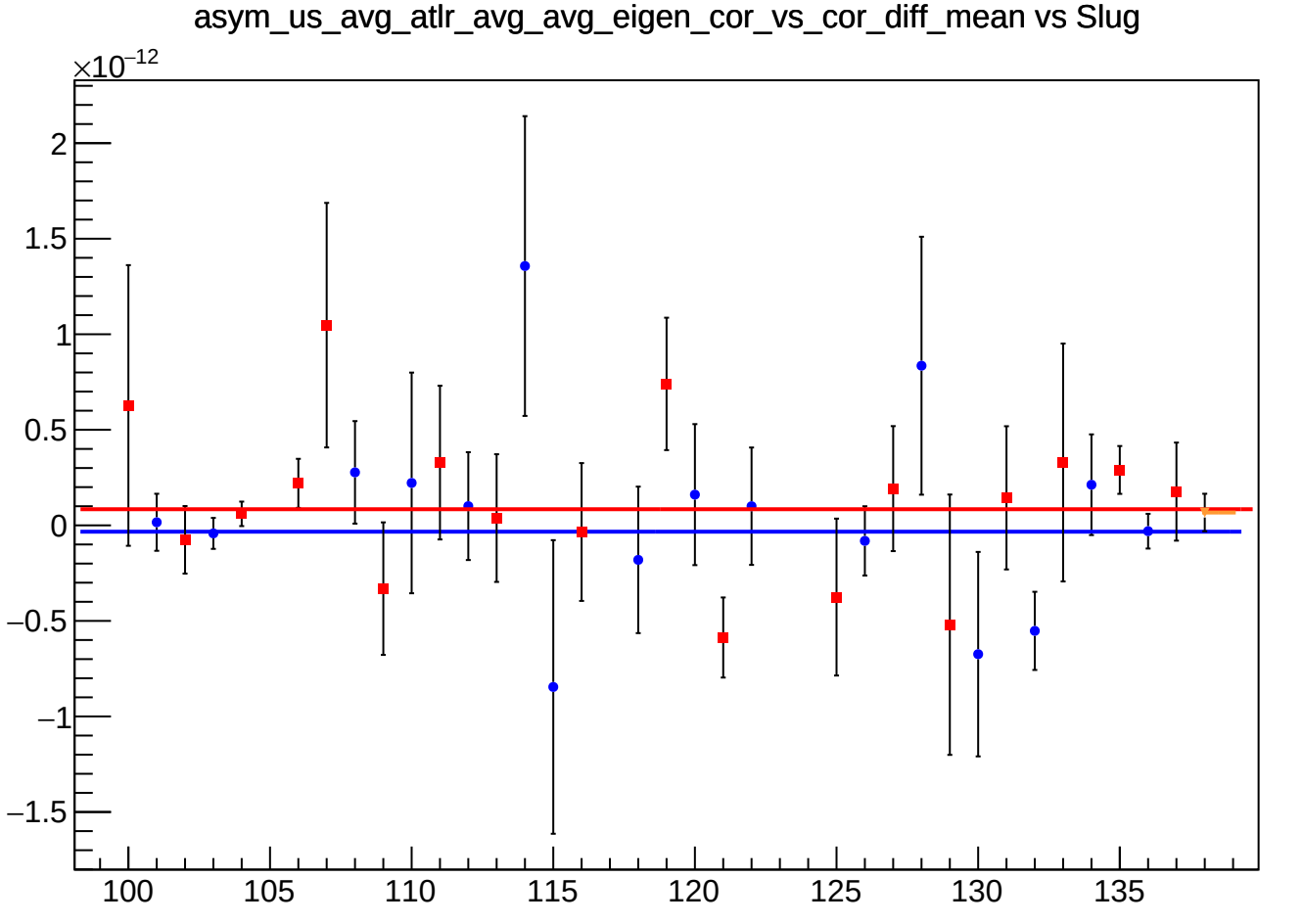
Right Out: 210.120+/-0.062 χ^2/NDF: 1548507.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 228.858+/-0.062 χ^2/NDF: 1340113.6/16

All: 219.508+/-0.044 χ^2/NDF: 2934644.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

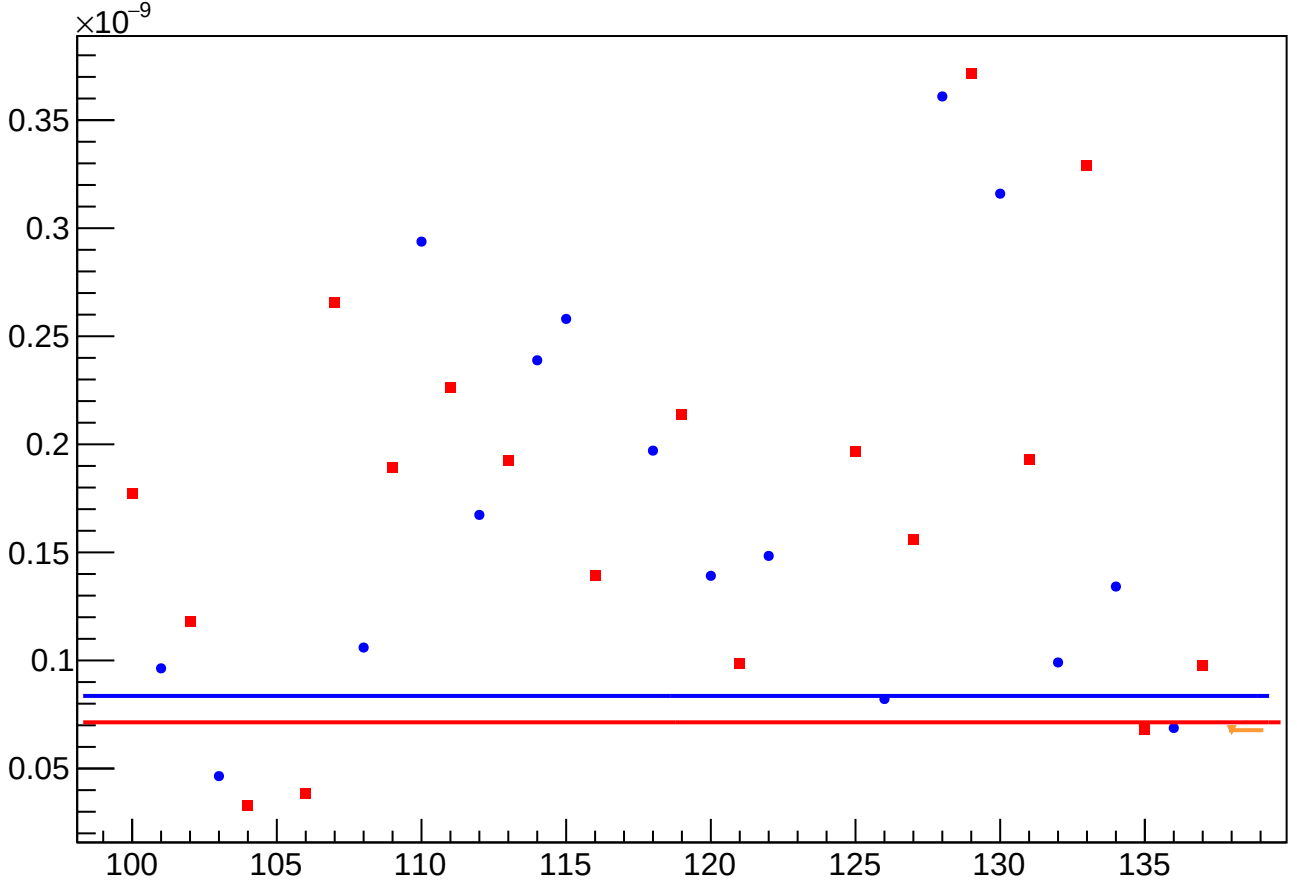
Right Out: 0.000+/-0.000 χ^2/NDF: 25.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.1/16

All: 0.000+/-0.000 χ^2/NDF: 46.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2235431.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3745180.4/17

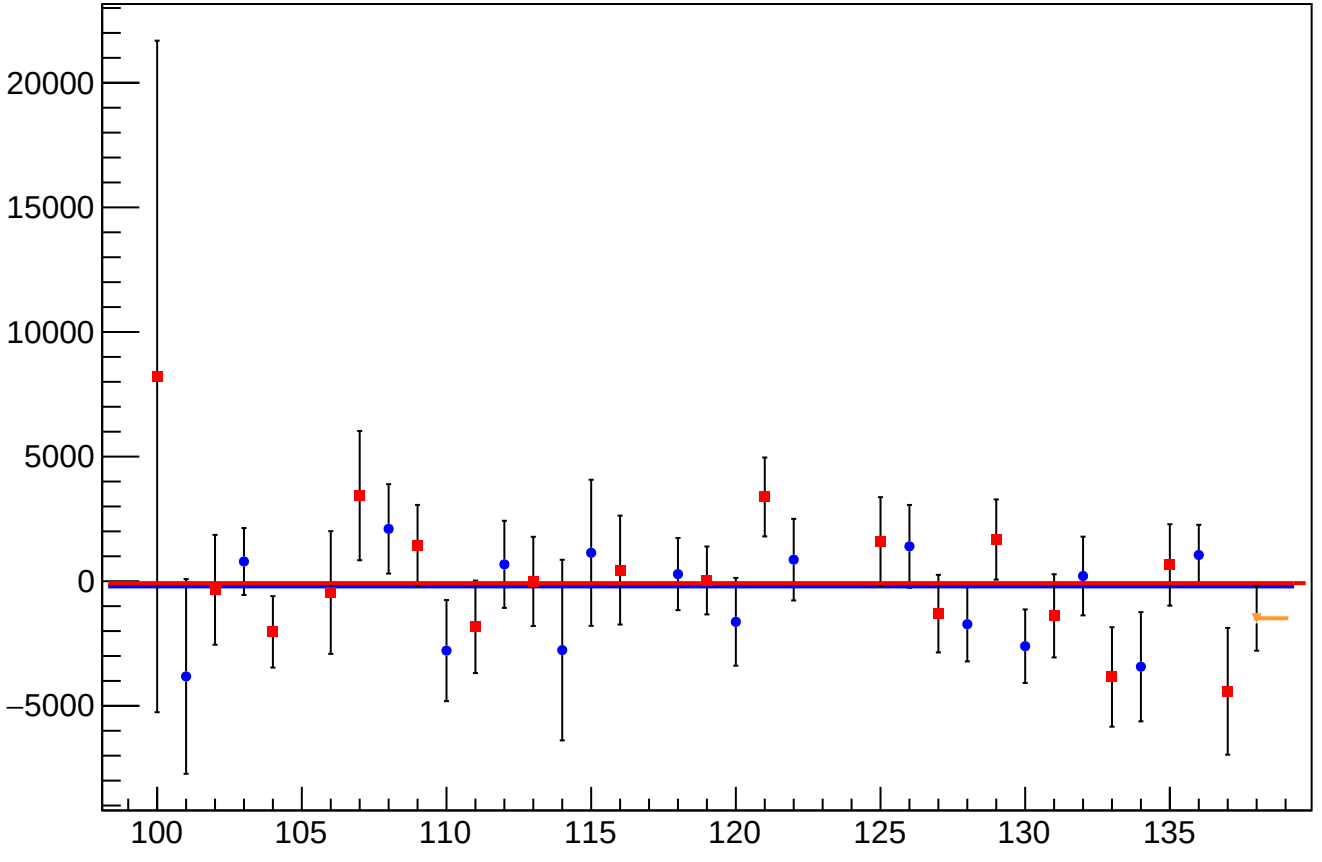
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2277711.6/16

All: 0.000+/-0.000 χ^2/NDF: 6068296.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -208.338+/-429.155 χ^2/NDF: 14.8/15

Left Out: -1485.839+/-1302.668 χ^2/NDF:0.0/0

Right Out: -75.616+/-430.760 χ^2/NDF: 20.7/17

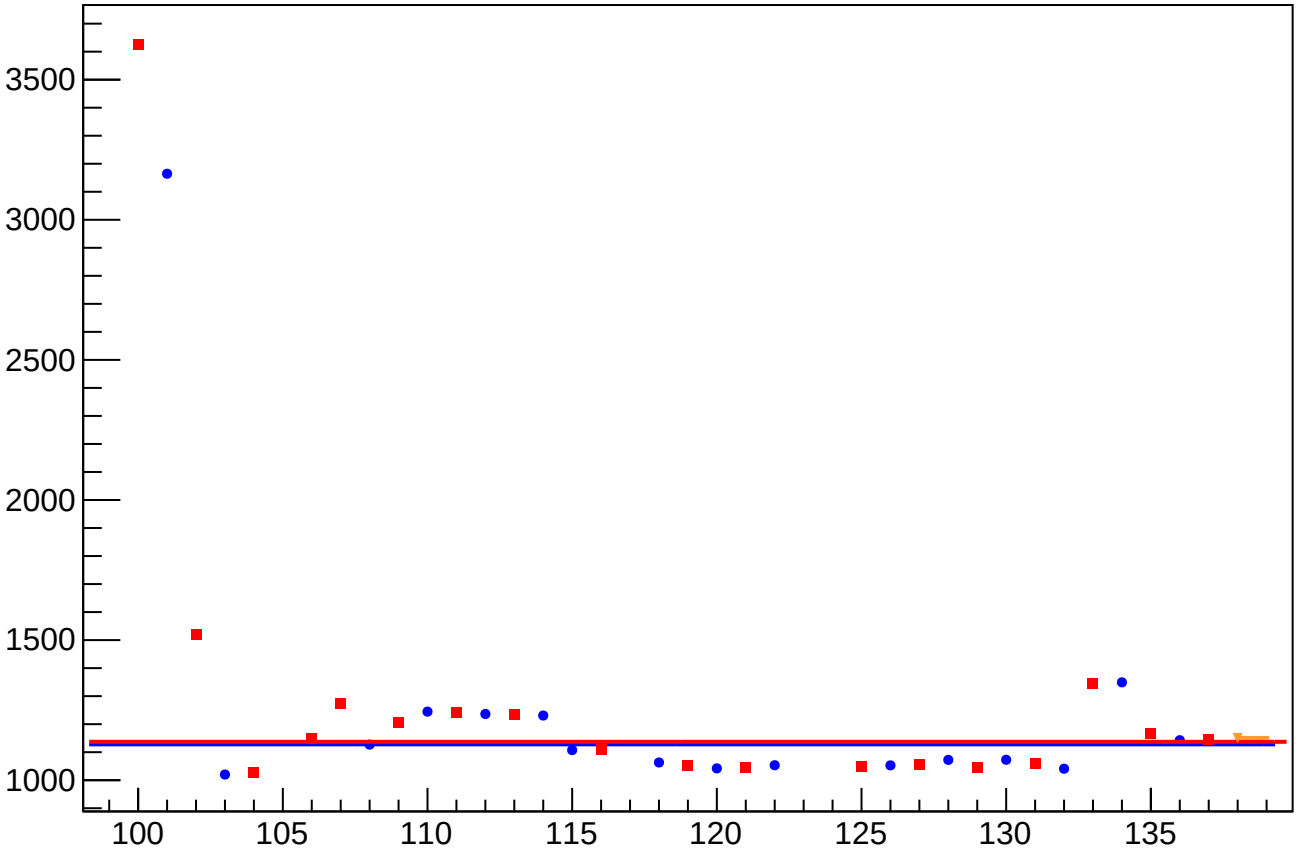
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -333.414+/-407.605 χ^2/NDF: 15.6/16

All: -211.630+/-296.068 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1128.007+/-0.303 χ^2/NDF: 621394.5/15

Left Out: 1150.762+/-0.921 χ^2/NDF:0.0/0

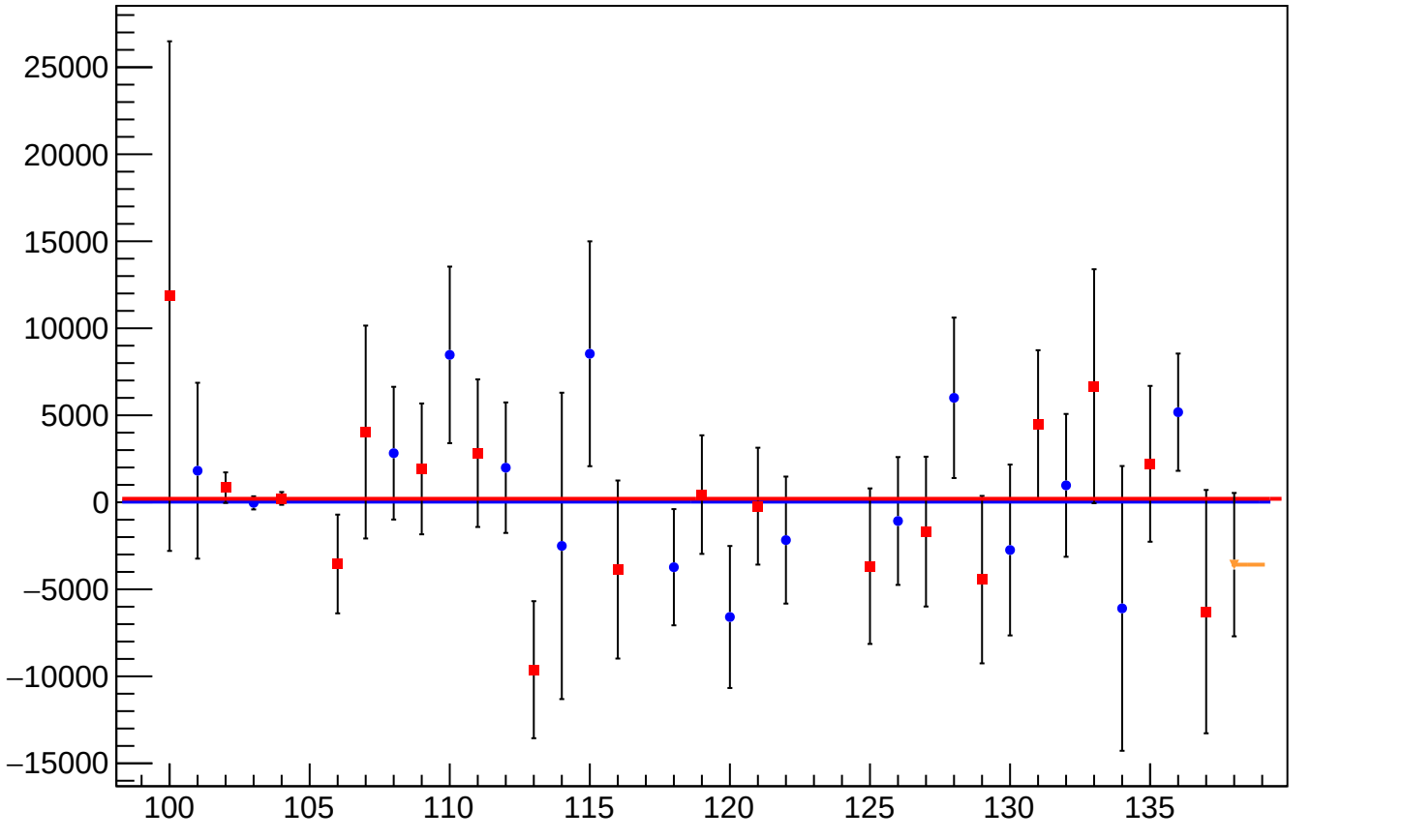
Right Out: 1137.041+/-0.304 χ^2/NDF: 220086.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1130.235+/-0.288 χ^2/NDF: 621945.0/16

All: 1133.456+/-0.209 χ^2/NDF: 842295.1/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 38.300+/-357.651 χ^2/NDF: 14.8/15

Left Out: -3582.279+/-4119.547 χ^2/NDF:0.0/0

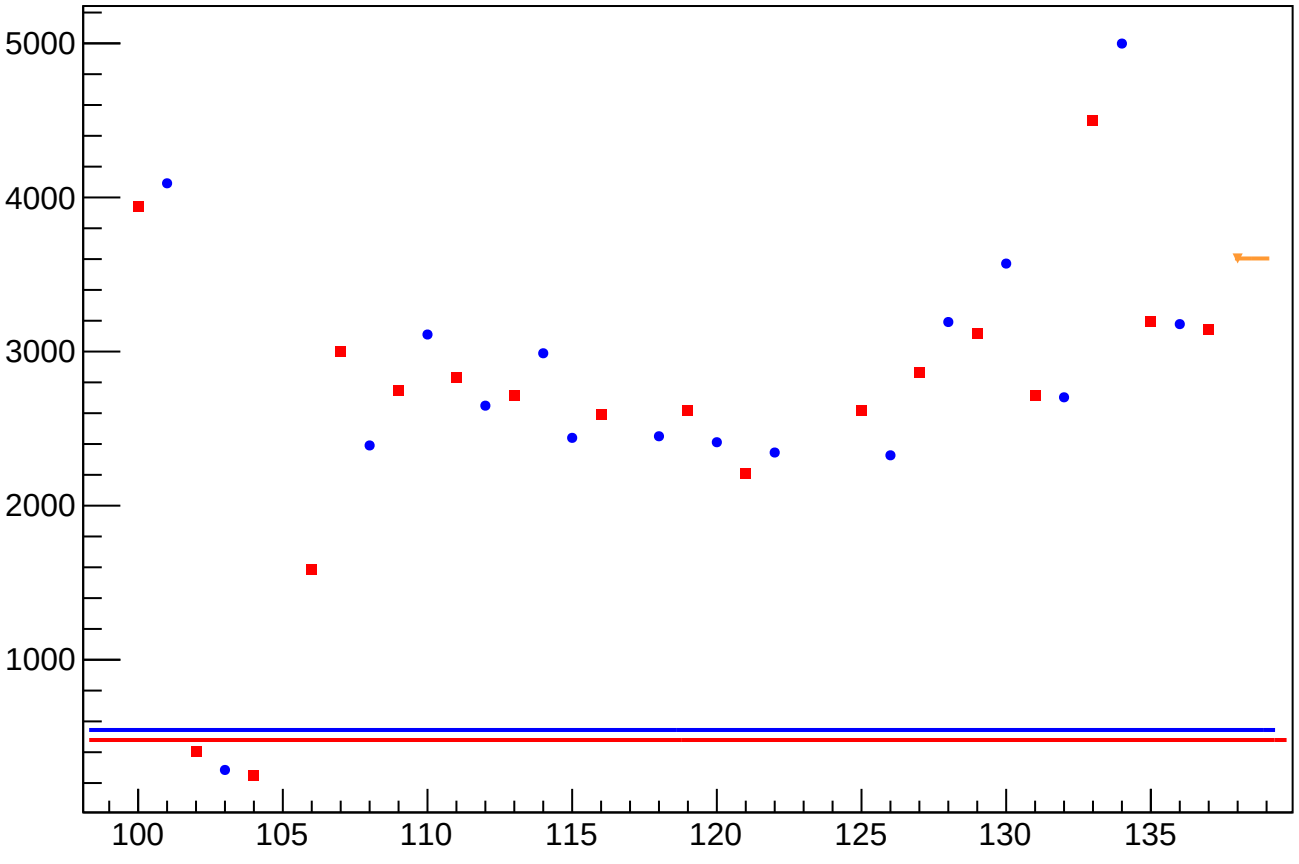
Right Out: 201.642+/-322.545 χ^2/NDF: 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.215+/-356.311 χ^2/NDF: 15.6/16

All: 115.877+/-239.122 χ^2/NDF: 31.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 544.336+/-0.253 χ^2/NDF: 9682967.9/15

Left Out: 3604.041+/-2.913 χ^2/NDF:0.0/0

Right Out: 479.253+/-0.228 χ^2/NDF: 9187985.0/17

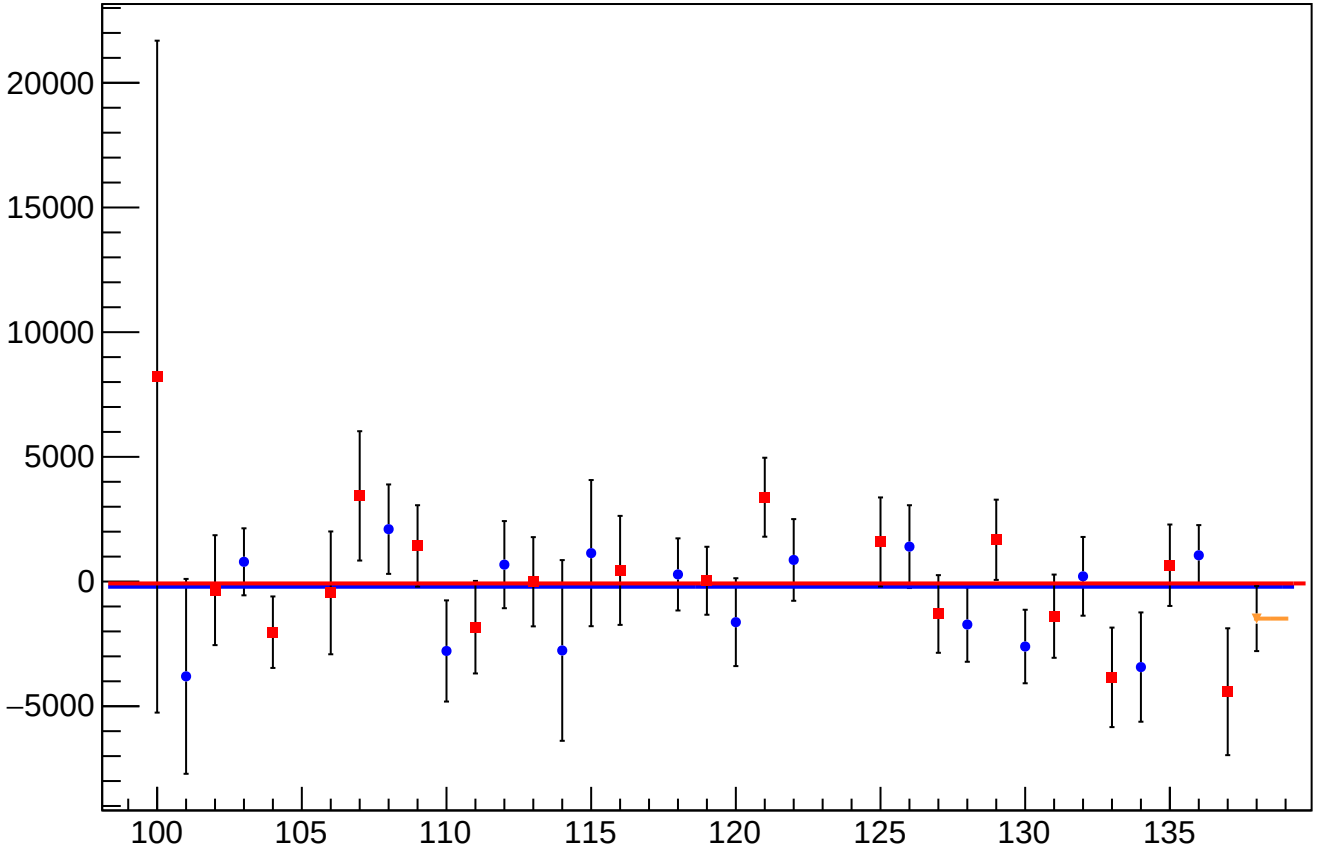
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 567.225+/-0.252 χ^2/NDF: 10778005.8/16

All: 518.874+/-0.169 χ^2/NDF: 20032999.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -208.110+/-429.155 χ^2/NDF: 14.8/15

Left Out: -1485.928+/-1302.668 χ^2/NDF:0.0/0

Right Out: -75.761+/-430.760 χ^2/NDF: 20.7/17

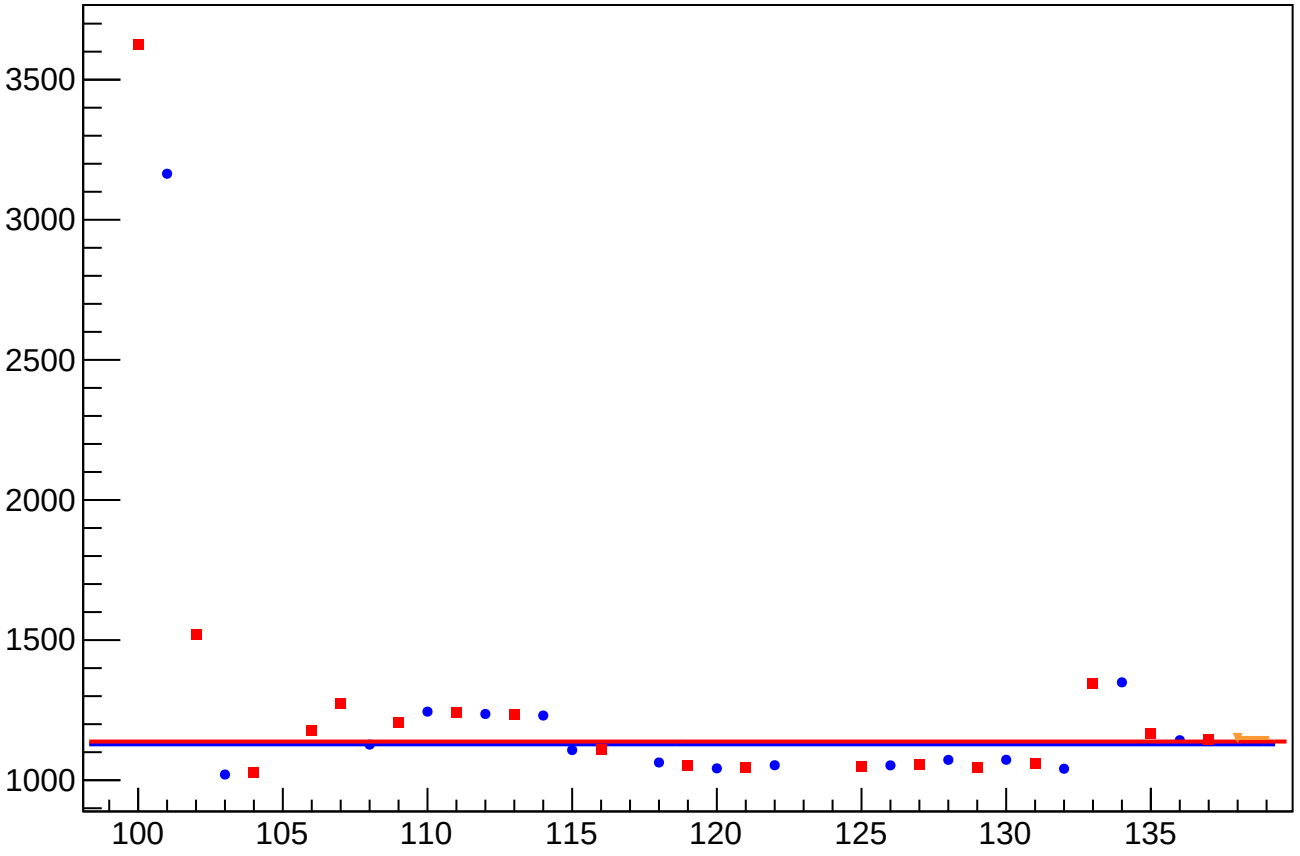
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -333.217+/-407.605 χ^2/NDF: 15.6/16

All: -211.594+/-296.068 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1128.007+/-0.303 χ^2/NDF: 621395.6/15

Left Out: 1150.762+/-0.921 χ^2/NDF:0.0/0

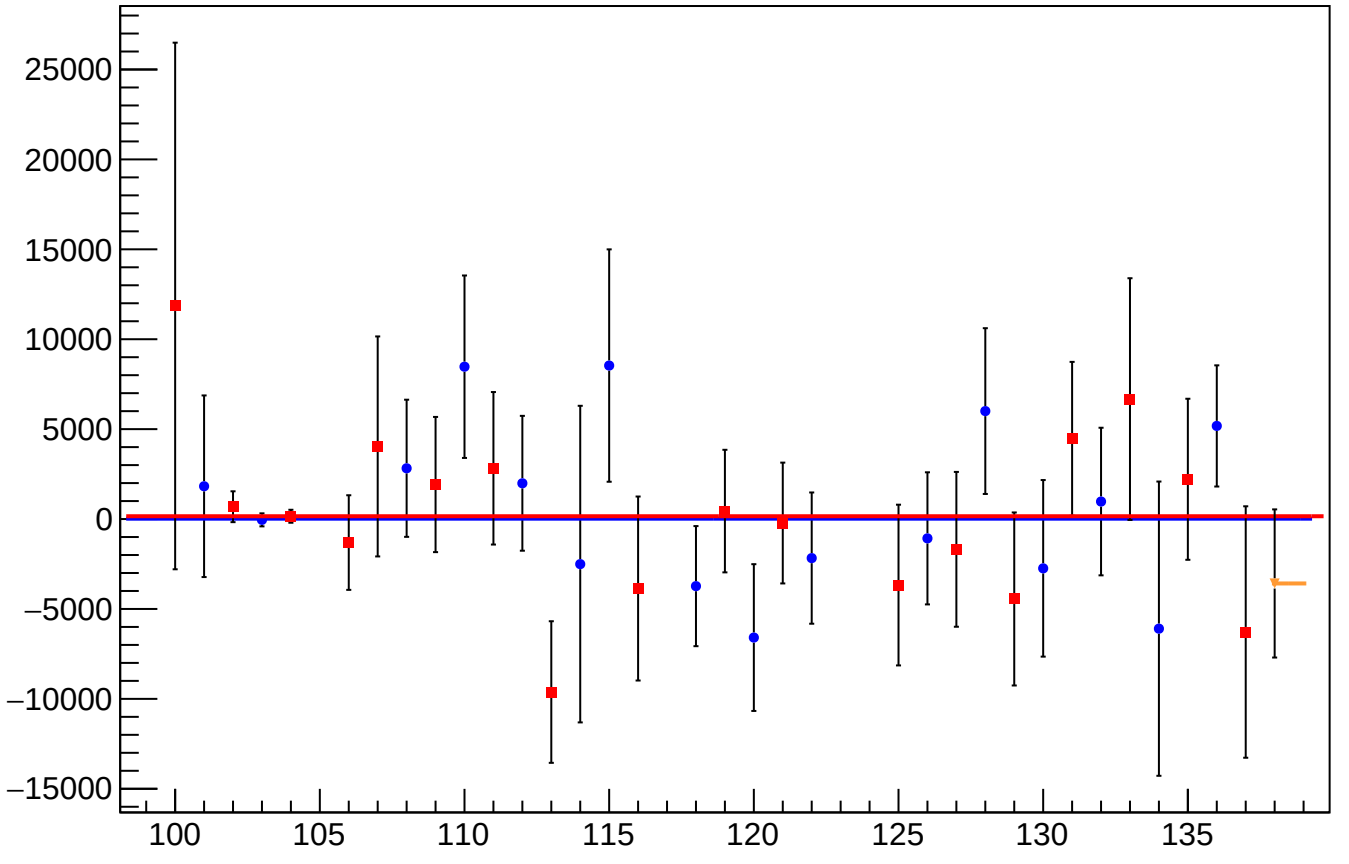
Right Out: 1138.000+/-0.304 χ^2/NDF: 220624.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1130.235+/-0.288 χ^2/NDF: 621946.2/16

All: 1133.905+/-0.209 χ^2/NDF: 842913.7/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.645+/-344.525 χ^2/NDF: 14.9/15

Left Out: -3582.273+/-4119.540 χ^2/NDF:0.0/0

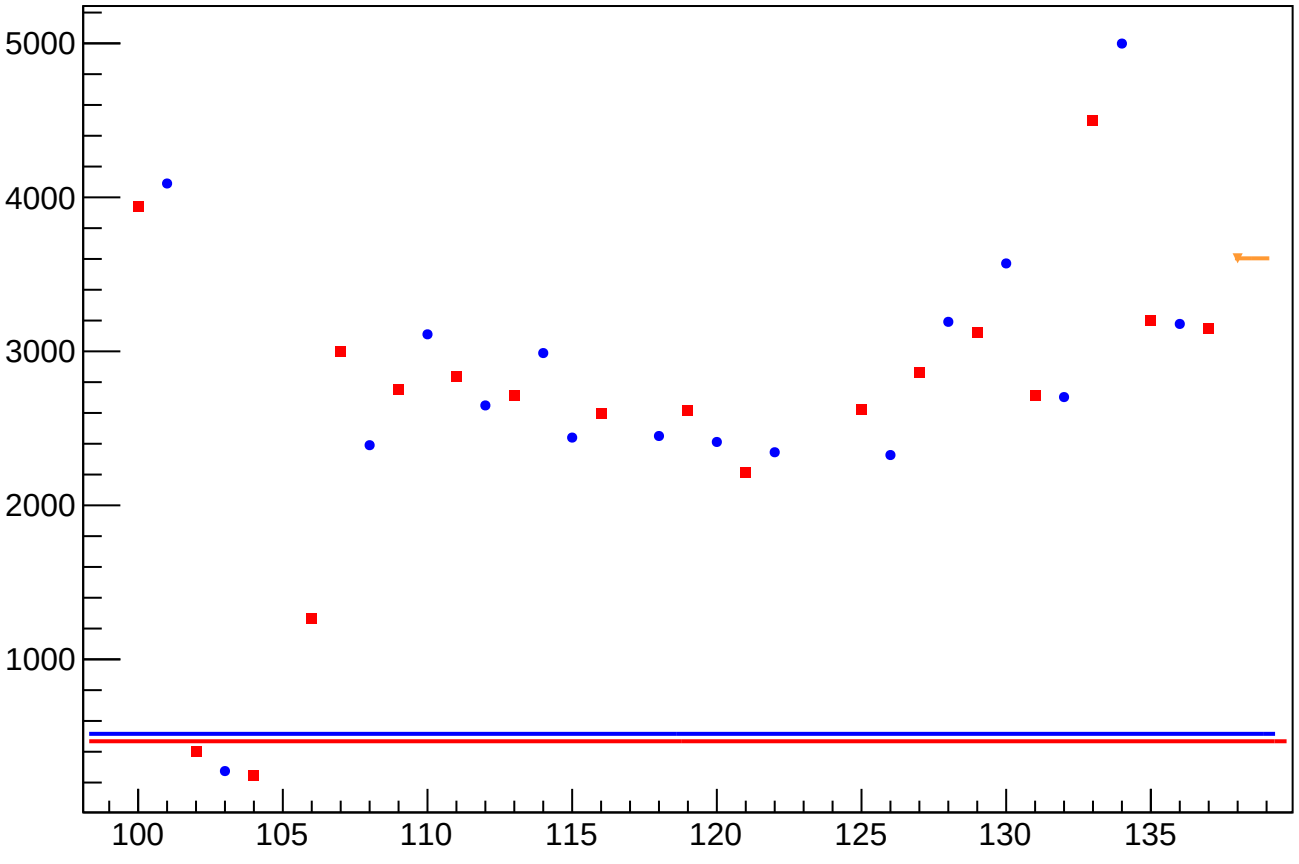
Right Out: 156.231+/-317.367 χ^2/NDF: 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.387+/-343.327 χ^2/NDF: 15.6/16

All: 82.684+/-233.050 χ^2/NDF: 29.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 516.297+/-0.244 χ^2/NDF: 9834669.6/15

Left Out: 3604.034+/-2.913 χ^2/NDF:0.0/0

Right Out: 468.060+/-0.224 χ^2/NDF: 9111222.0/17

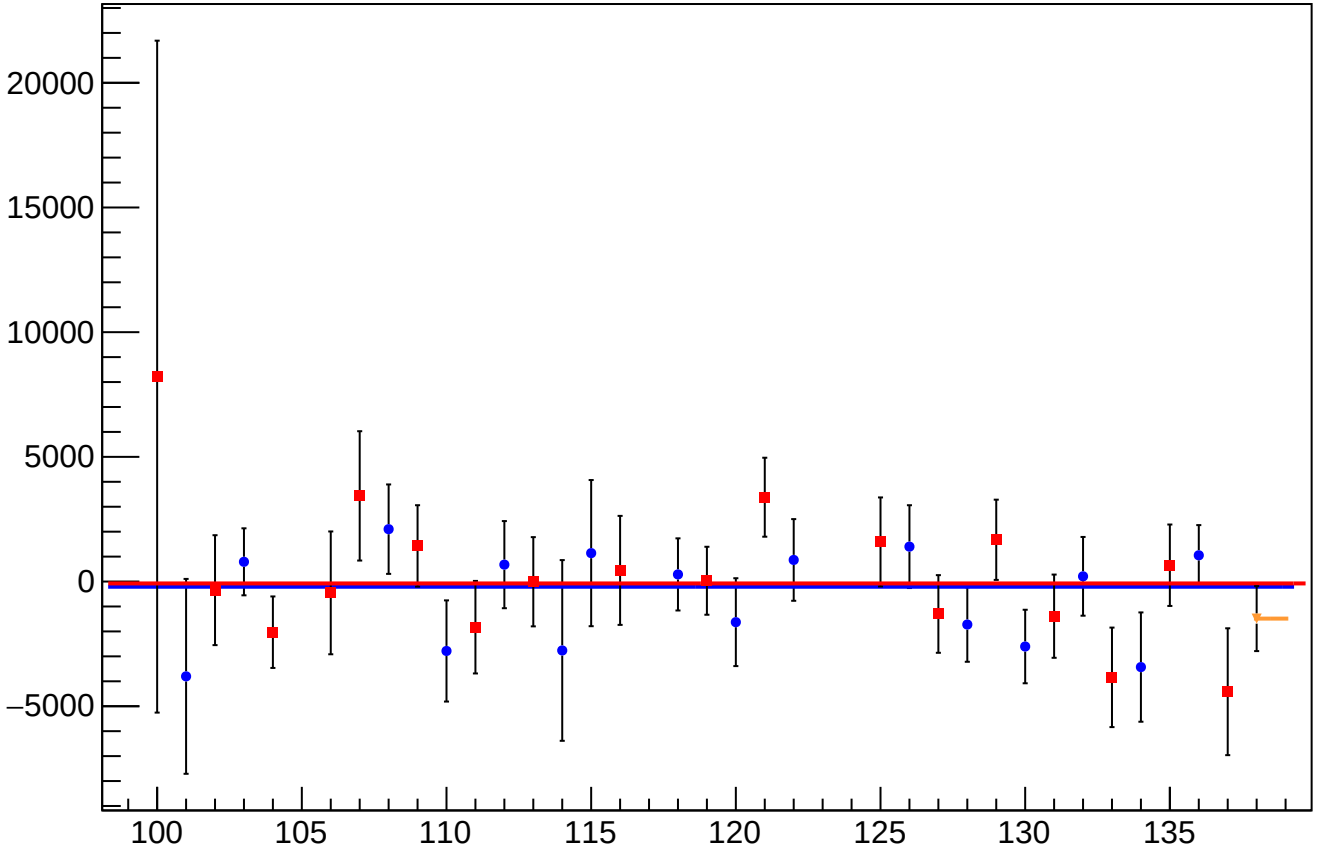
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 537.743+/-0.243 χ^2/NDF: 10950469.2/16

All: 500.168+/-0.165 χ^2/NDF: 20106118.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -208.110+/-429.155 χ^2/NDF: 14.8/15

Left Out: -1485.928+/-1302.668 χ^2/NDF:0.0/0

Right Out: -75.761+/-430.760 χ^2/NDF: 20.7/17

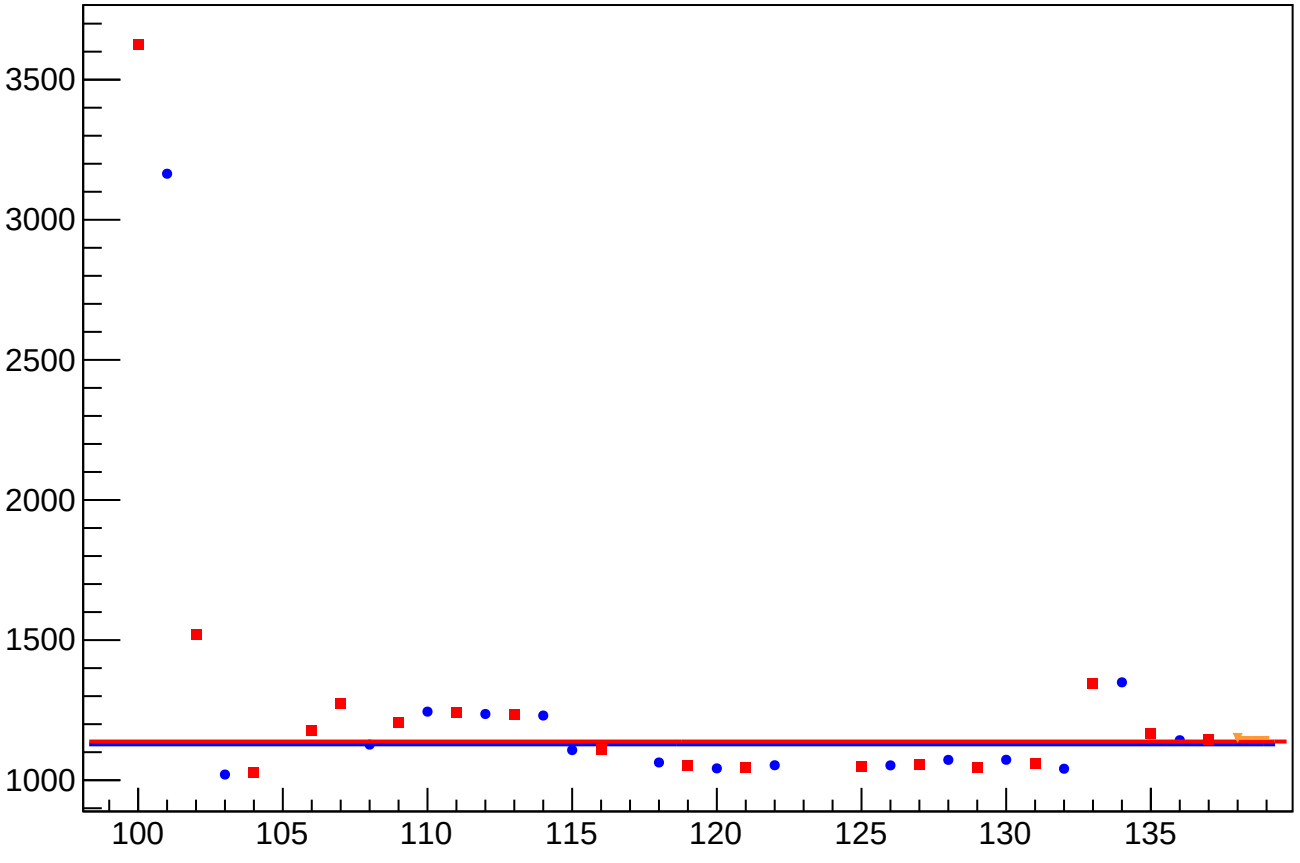
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -333.217+/-407.605 χ^2/NDF: 15.6/16

All: -211.594+/-296.068 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1128.007+/-0.303 χ^2/NDF: 621395.6/15

Left Out: 1150.762+/-0.921 χ^2/NDF:0.0/0

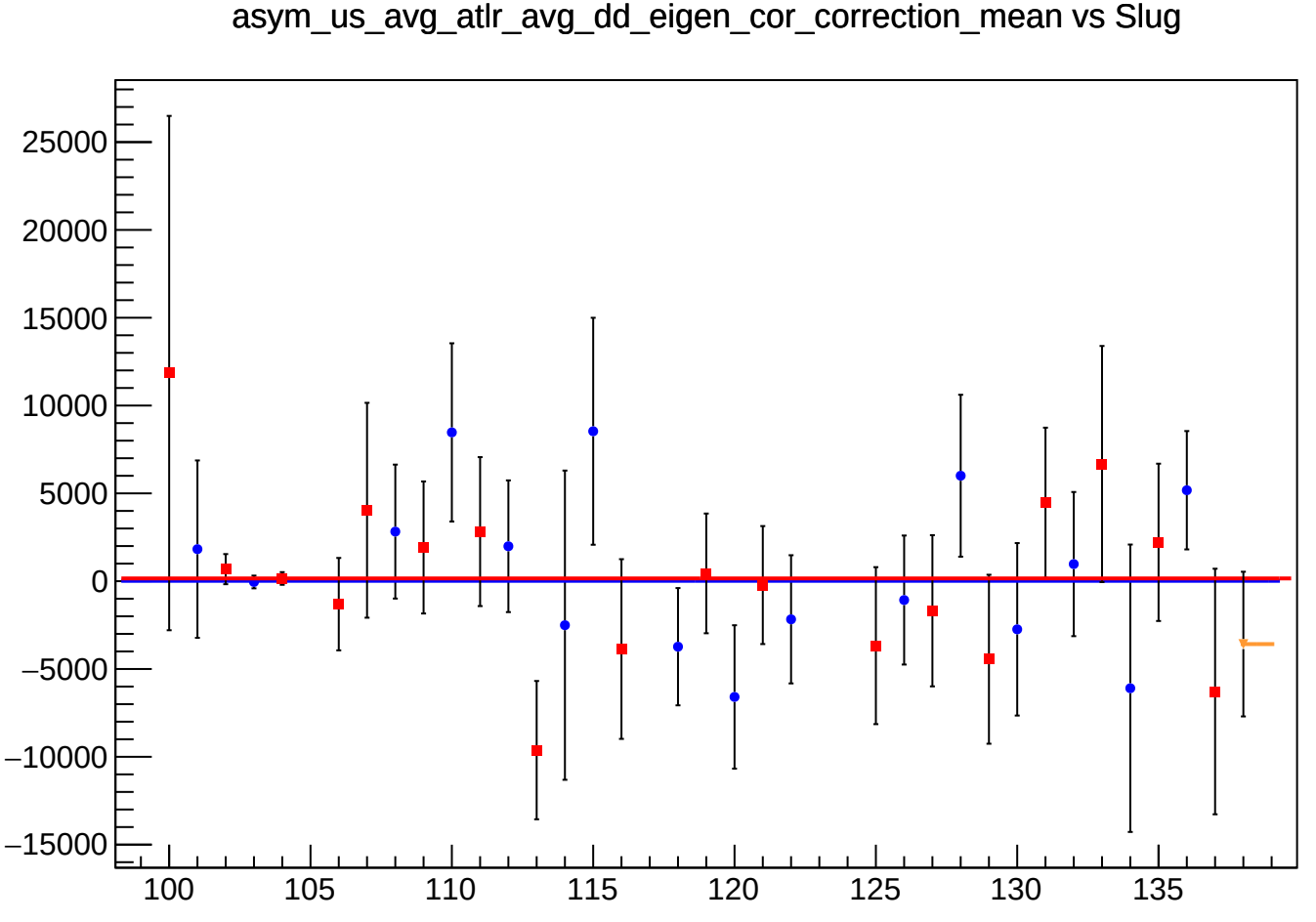
Right Out: 1138.000+/-0.304 χ^2/NDF: 220624.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1130.235+/-0.288 χ^2/NDF: 621946.2/16

All: 1133.905+/-0.209 χ^2/NDF: 842913.7/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.645+/-344.525 χ^2/NDF: 14.9/15

Left Out: -3582.273+/-4119.540 χ^2/NDF:0.0/0

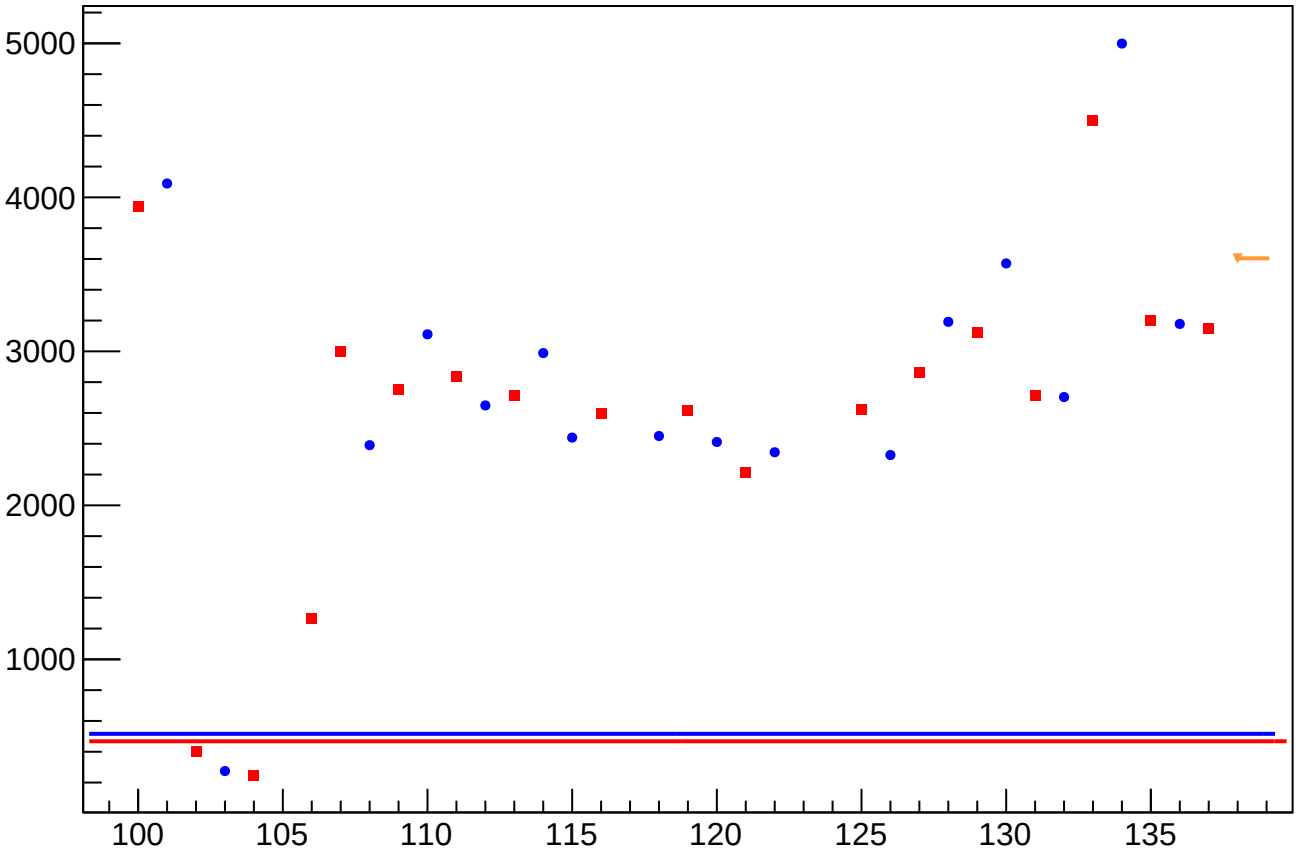
Right Out: 156.231+/-317.367 χ^2/NDF: 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.387+/-343.327 χ^2/NDF: 15.6/16

All: 82.684+/-233.050 χ^2/NDF: 29.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 516.297+/-0.244 χ^2/NDF: 9834669.6/15

Left Out: 3604.034+/-2.913 χ^2/NDF:0.0/0

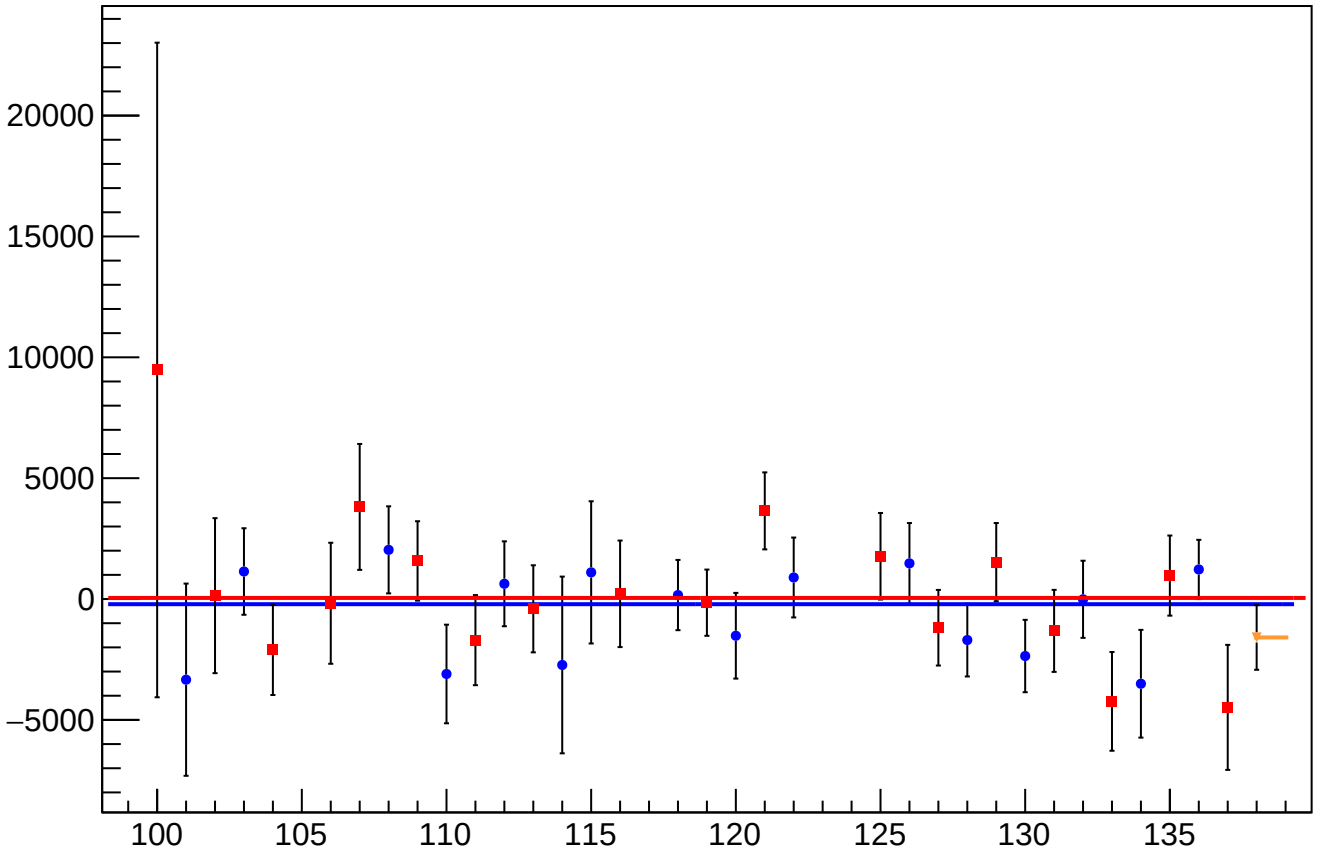
Right Out: 468.060+/-0.224 χ^2/NDF: 9111222.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 537.743+/-0.243 χ^2/NDF: 10950469.2/16

All: 500.168+/-0.165 χ^2/NDF: 20106118.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -213.079+/-442.684 χ^2/NDF: 14.3/15

Left Out: -1589.365+/-1337.454 χ^2/NDF:0.0/0

Right Out: 45.535+/-447.221 χ^2/NDF: 21.7/17

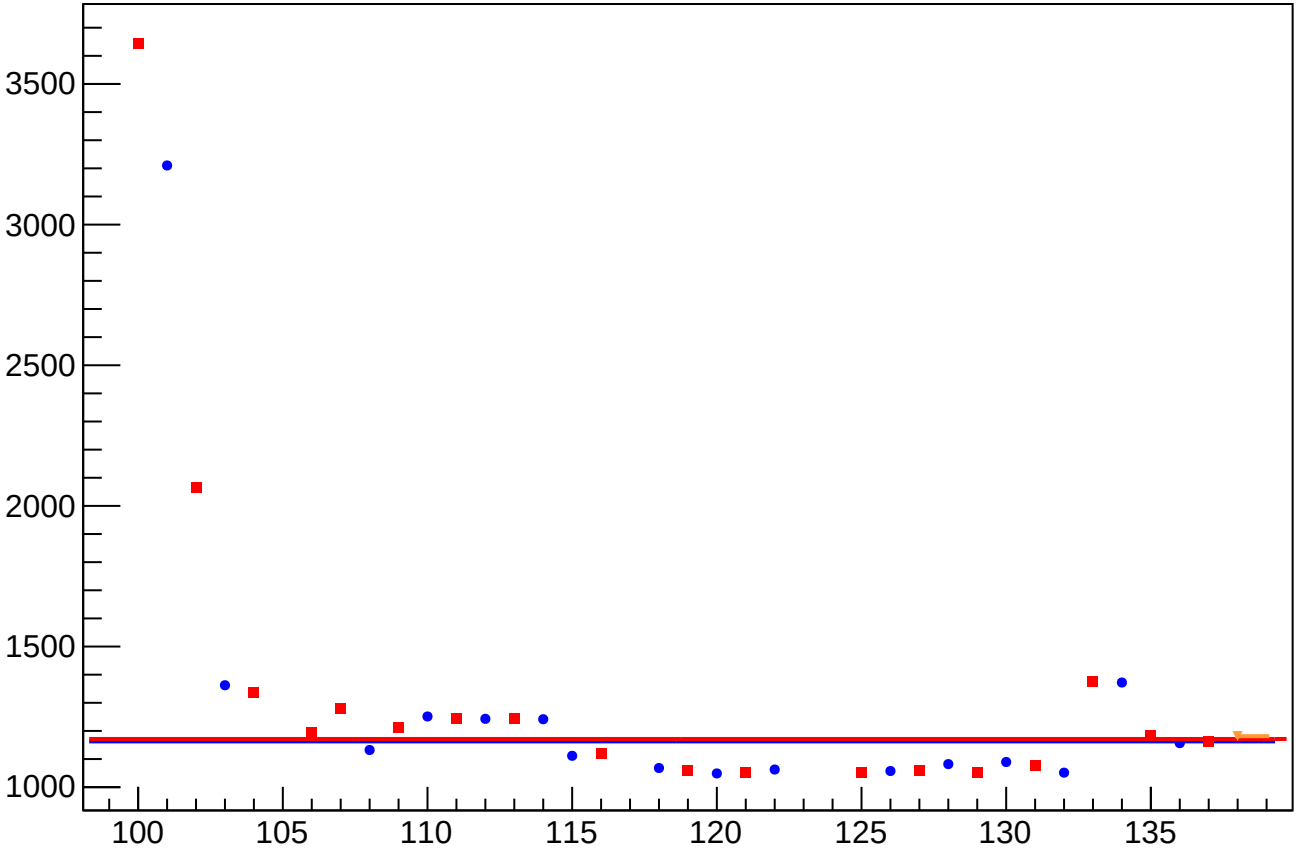
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -348.970+/-420.261 χ^2/NDF: 15.3/16

All: -163.966+/-306.257 χ^2/NDF: 37.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1162.851+/-0.313 χ^2/NDF: 635353.4/15

Left Out: 1181.328+/-0.946 χ^2/NDF:0.0/0

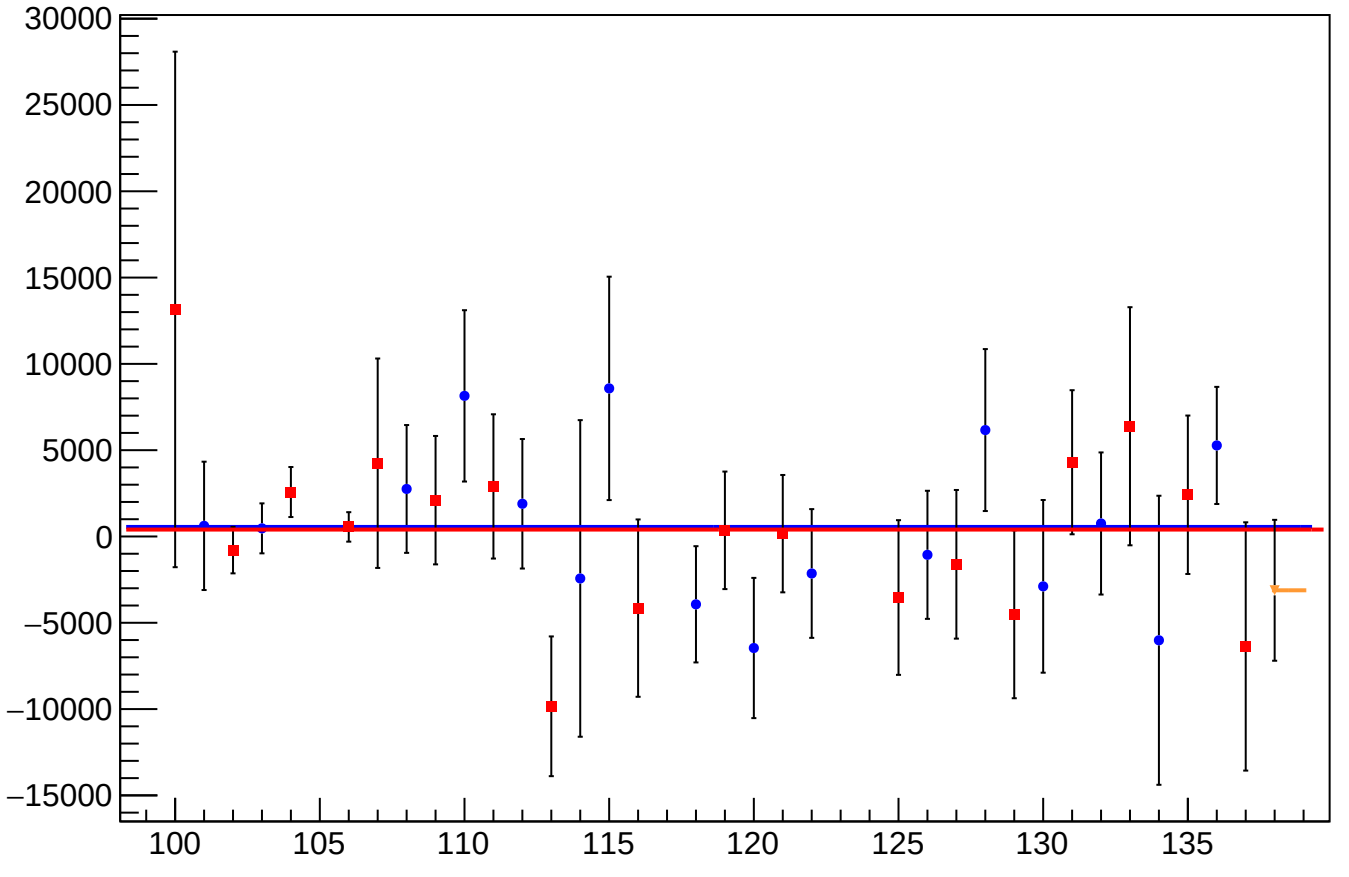
Right Out: 1171.420+/-0.316 χ^2/NDF: 331640.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1164.676+/-0.297 χ^2/NDF: 635697.5/16

All: 1167.840+/-0.217 χ^2/NDF: 967579.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 552.517+/-874.128 χ^2/NDF: 14.4/15

Left Out: -3118.079+/-4081.203 χ^2/NDF:0.0/0

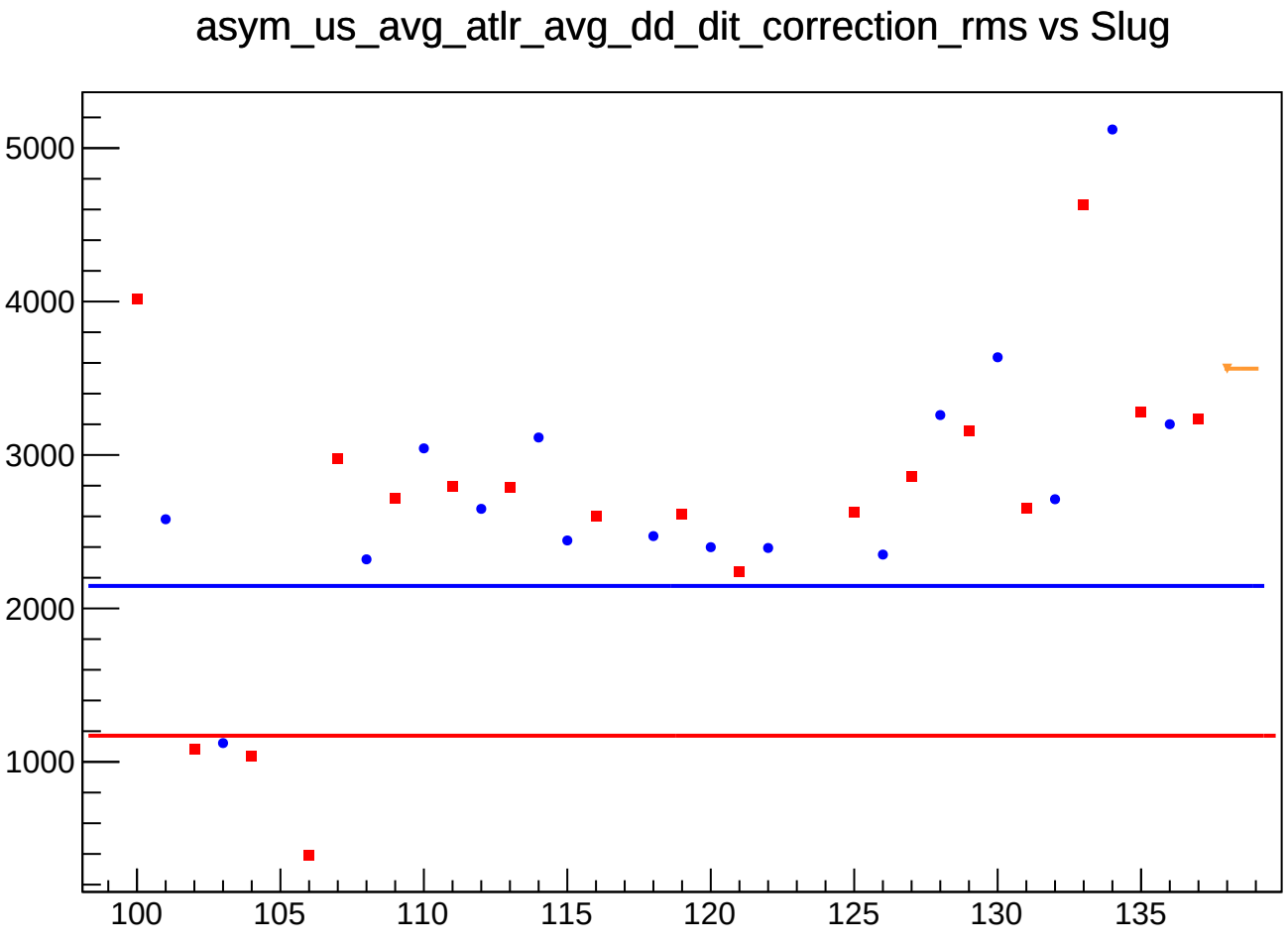
Right Out: 400.432+/-565.871 χ^2/NDF: 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 391.515+/-854.742 χ^2/NDF: 15.2/16

All: 397.715+/-471.839 χ^2/NDF: 31.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2146.616+/-0.618 χ^2/NDF: 1974723.6/15

Left Out: 3562.738+/-2.886 χ^2/NDF:0.0/0

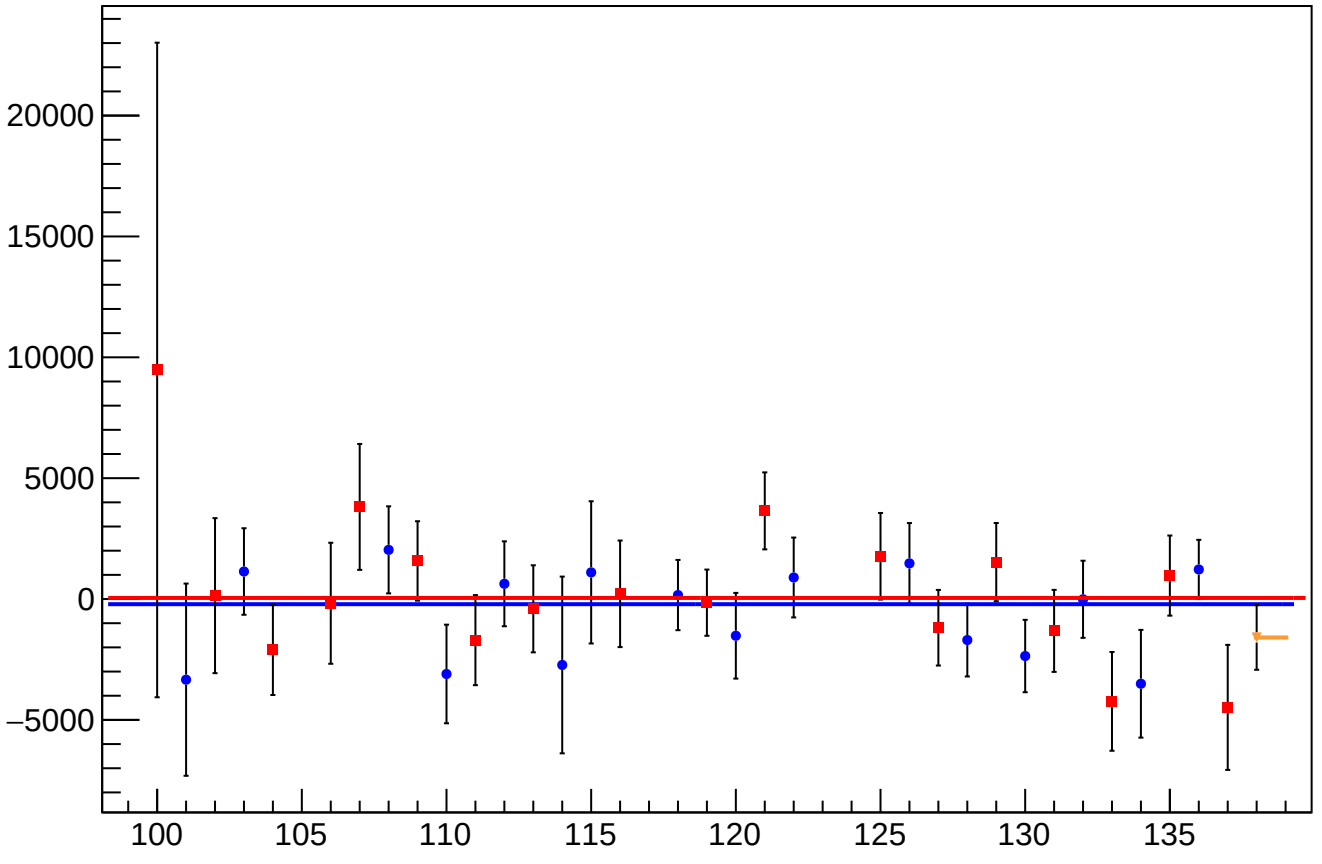
Right Out: 1170.573+/-0.400 χ^2/NDF: 5817478.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2208.731+/-0.604 χ^2/NDF: 2204960.5/16

All: 1486.932+/-0.334 χ^2/NDF: 10073784.9/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -213.082+/-442.684 χ^2/NDF: 14.3/15

Left Out: -1589.375+/-1337.454 χ^2/NDF:0.0/0

Right Out: 45.539+/-447.221 χ^2/NDF: 21.7/17

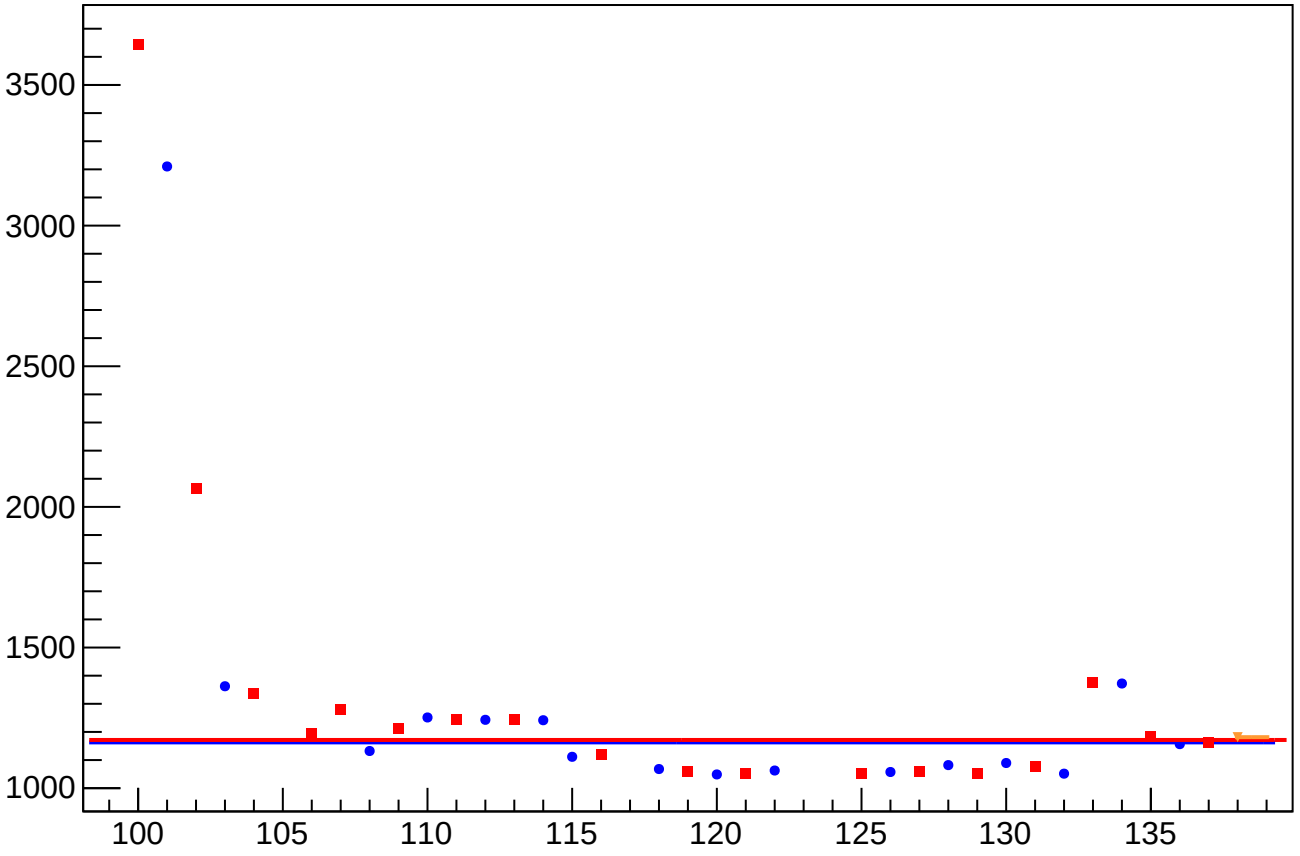
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -348.973+/-420.261 χ^2/NDF: 15.3/16

All: -163.966+/-306.257 χ^2/NDF: 37.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1162.851+/-0.313 χ^2/NDF: 635353.6/15

Left Out: 1181.329+/-0.946 χ^2/NDF:0.0/0

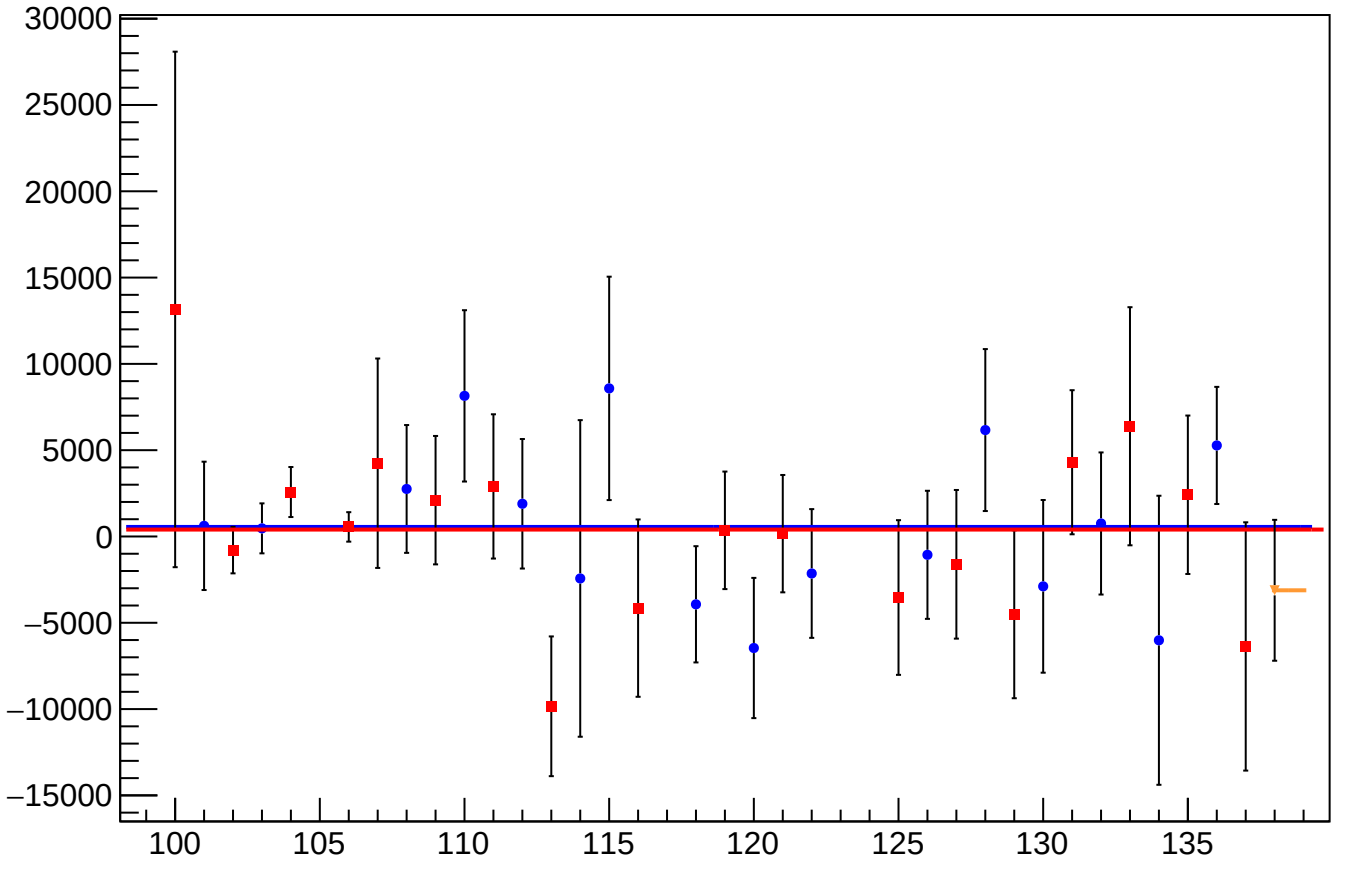
Right Out: 1171.420+/-0.316 χ^2/NDF: 331640.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1164.676+/-0.297 χ^2/NDF: 635697.6/16

All: 1167.840+/-0.217 χ^2/NDF: 967579.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 552.510+/-874.126 χ^2/NDF: 14.4/15

Left Out: -3118.087+/-4081.212 χ^2/NDF:0.0/0

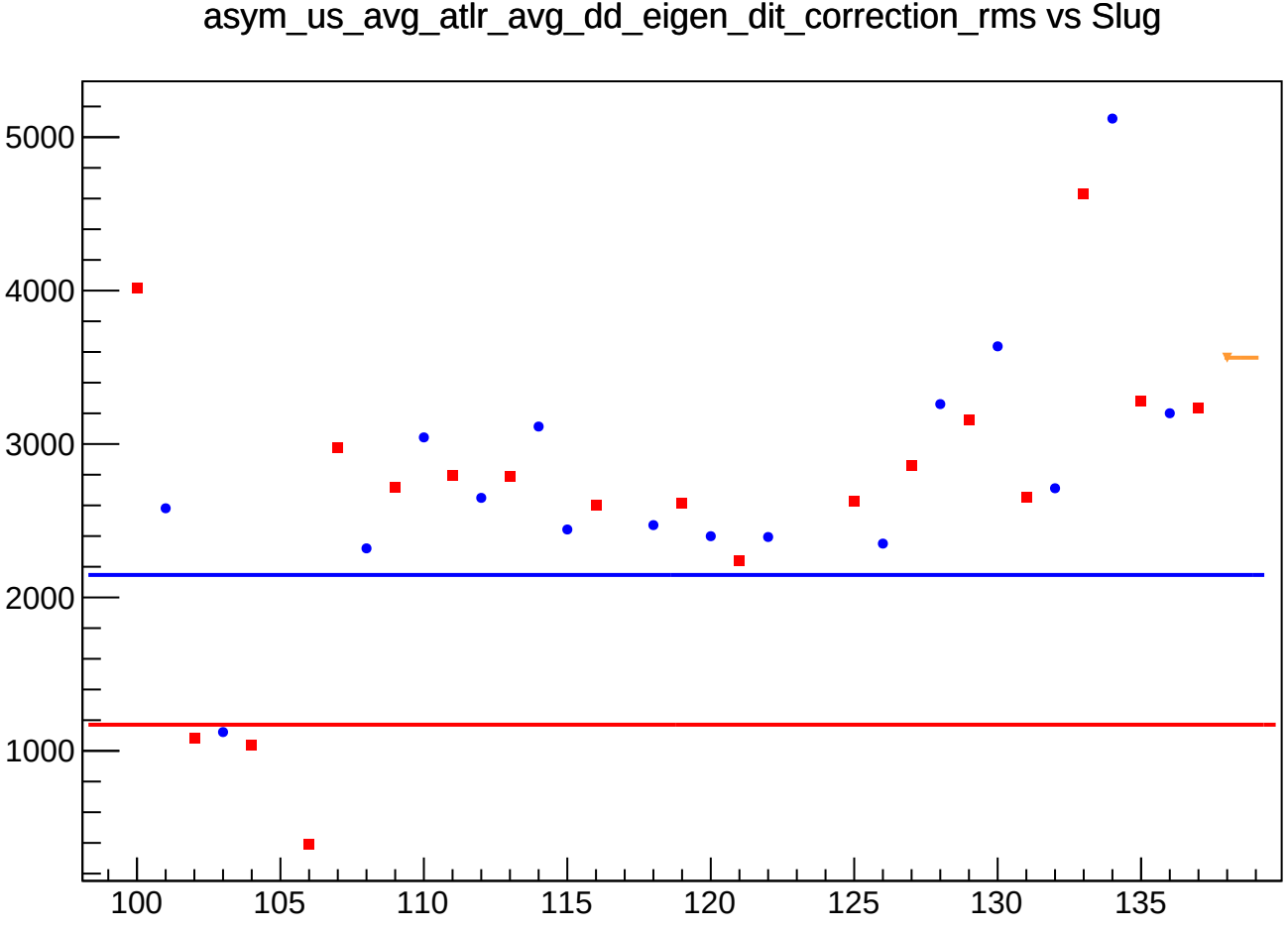
Right Out: 400.433+/-565.864 χ^2/NDF: 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 391.510+/-854.741 χ^2/NDF: 15.2/16

All: 397.714+/-471.835 χ^2/NDF: 31.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2146.613+/-0.618 χ^2/NDF: 1974719.3/15

Left Out: 3562.745+/-2.886 χ^2/NDF:0.0/0

Right Out: 1170.550+/-0.400 χ^2/NDF: 5817605.6/17

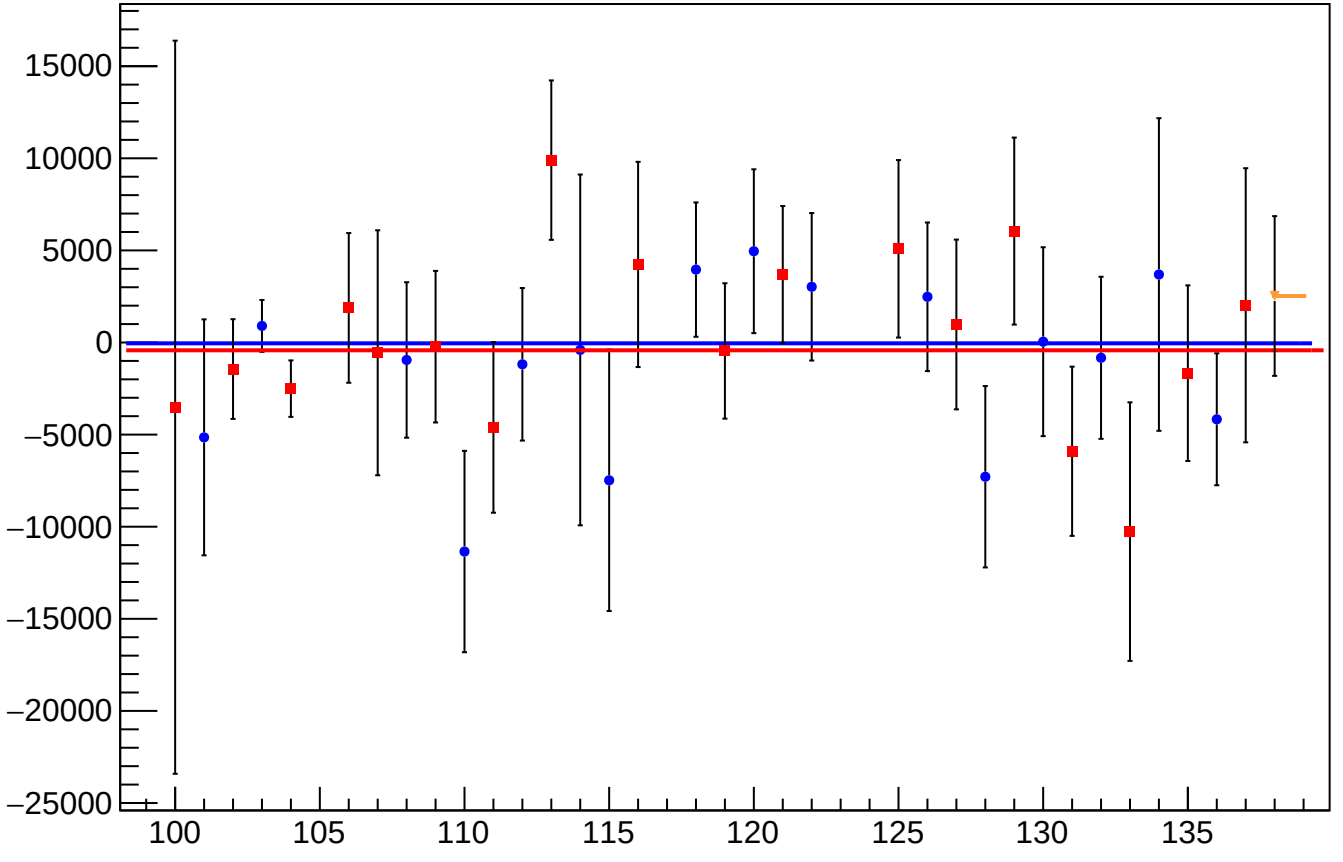
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2208.728+/-0.604 χ^2/NDF: 2204958.8/16

All: 1486.911+/-0.334 χ^2/NDF: 10074008.3/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -44.874+/-920.736 χ^2/NDF: 13.7/15

Left Out: 2525.235+/-4335.837 χ^2/NDF:0.0/0

Right Out: -423.476+/-896.736 χ^2/NDF: 17.3/17

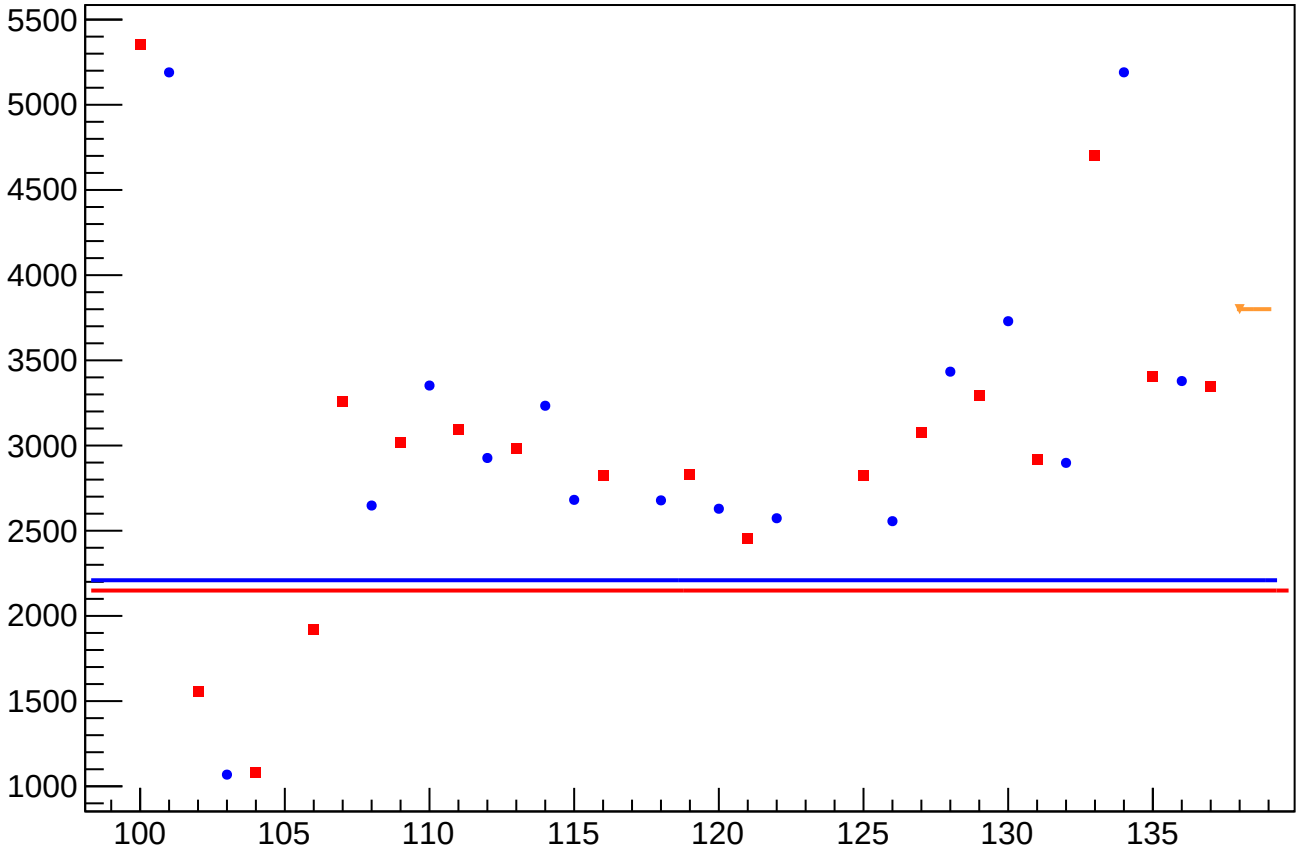
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 66.023+/-900.653 χ^2/NDF: 14.1/16

All: -179.794+/-635.468 χ^2/NDF: 31.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 2209.349+/-0.651 χ^2/NDF: 2836875.7/15

Left Out: 3800.399+/-3.066 χ^2/NDF:0.0/0

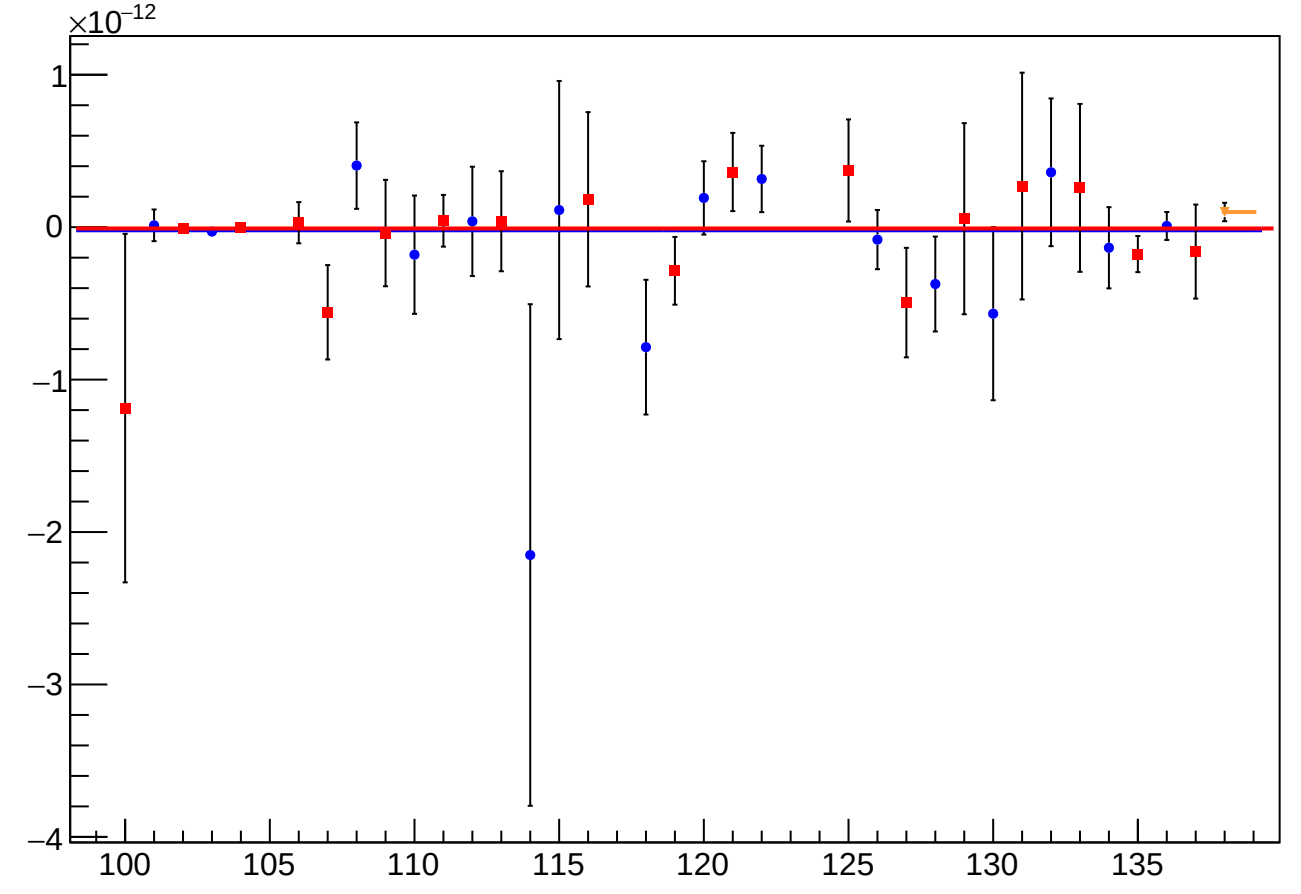
Right Out: 2148.948+/-0.633 χ^2/NDF: 2269660.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2278.001+/-0.637 χ^2/NDF: 3094564.8/16

All: 2213.039+/-0.449 χ^2/NDF: 5384895.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

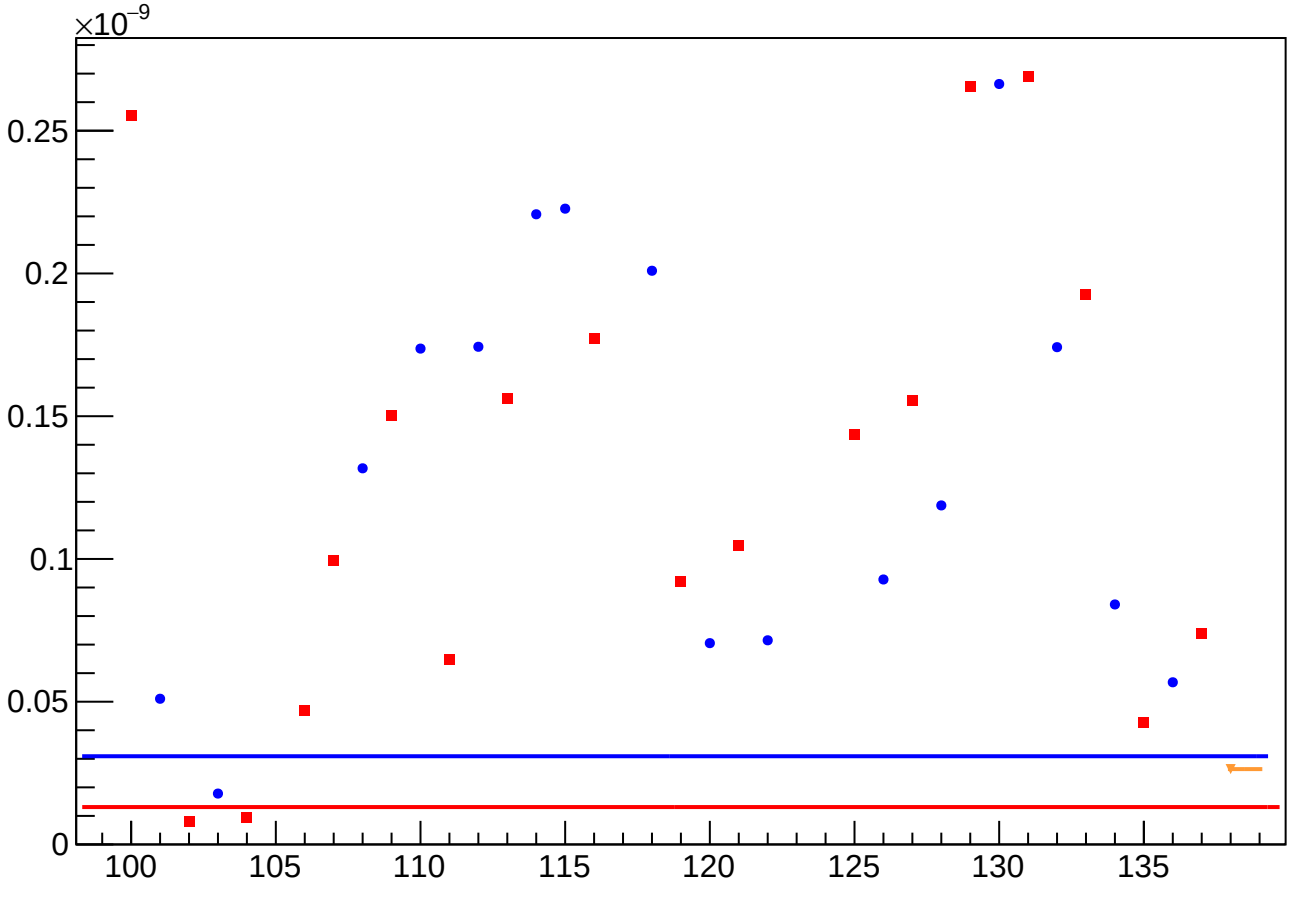
Right Out: -0.000+/-0.000 χ^2/NDF: 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.0/16

All: -0.000+/-0.000 χ^2/NDF: 31.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2998577.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

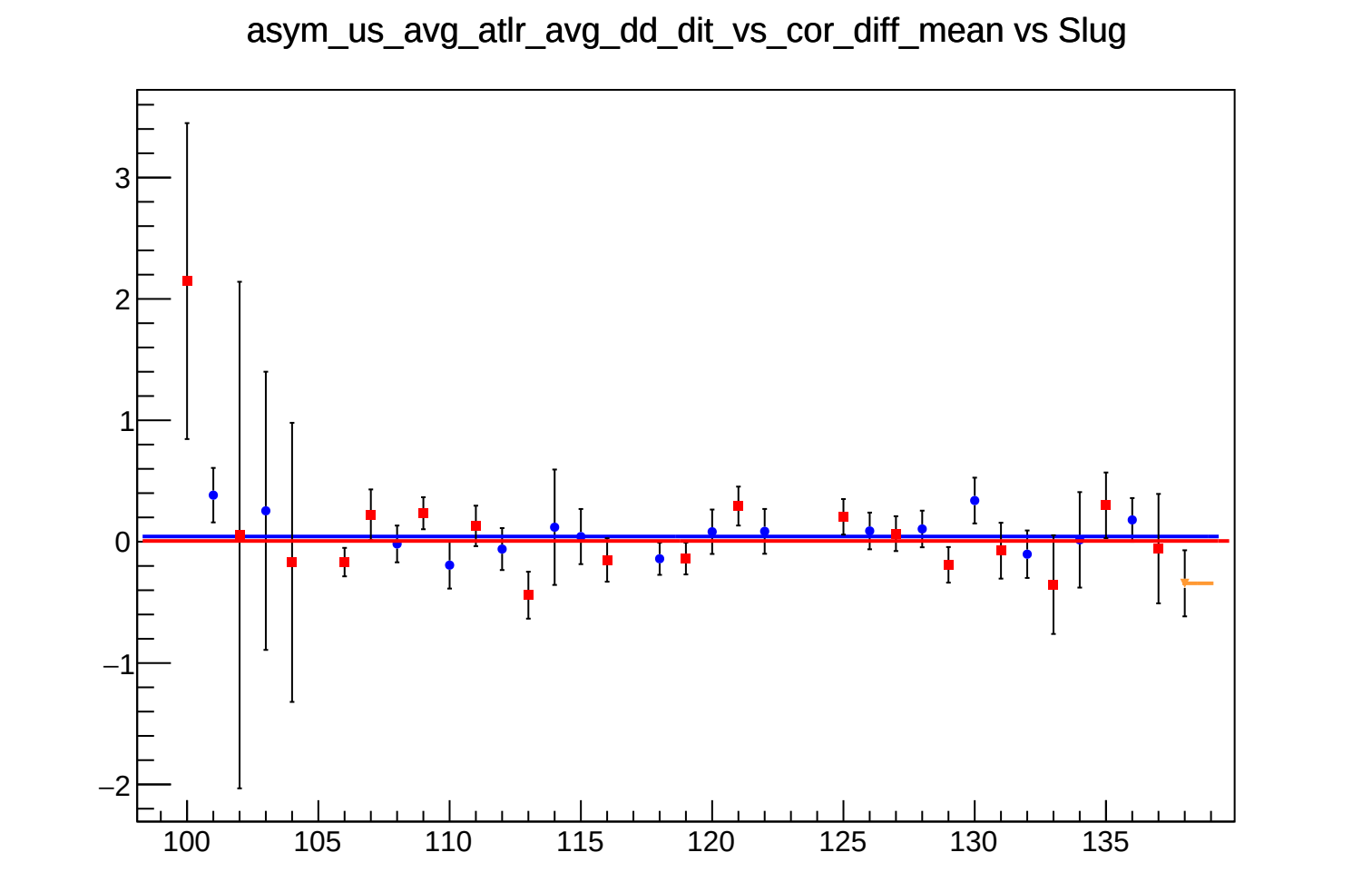
Right Out: 0.000+/-0.000 χ^2/NDF: 3659260.7/17

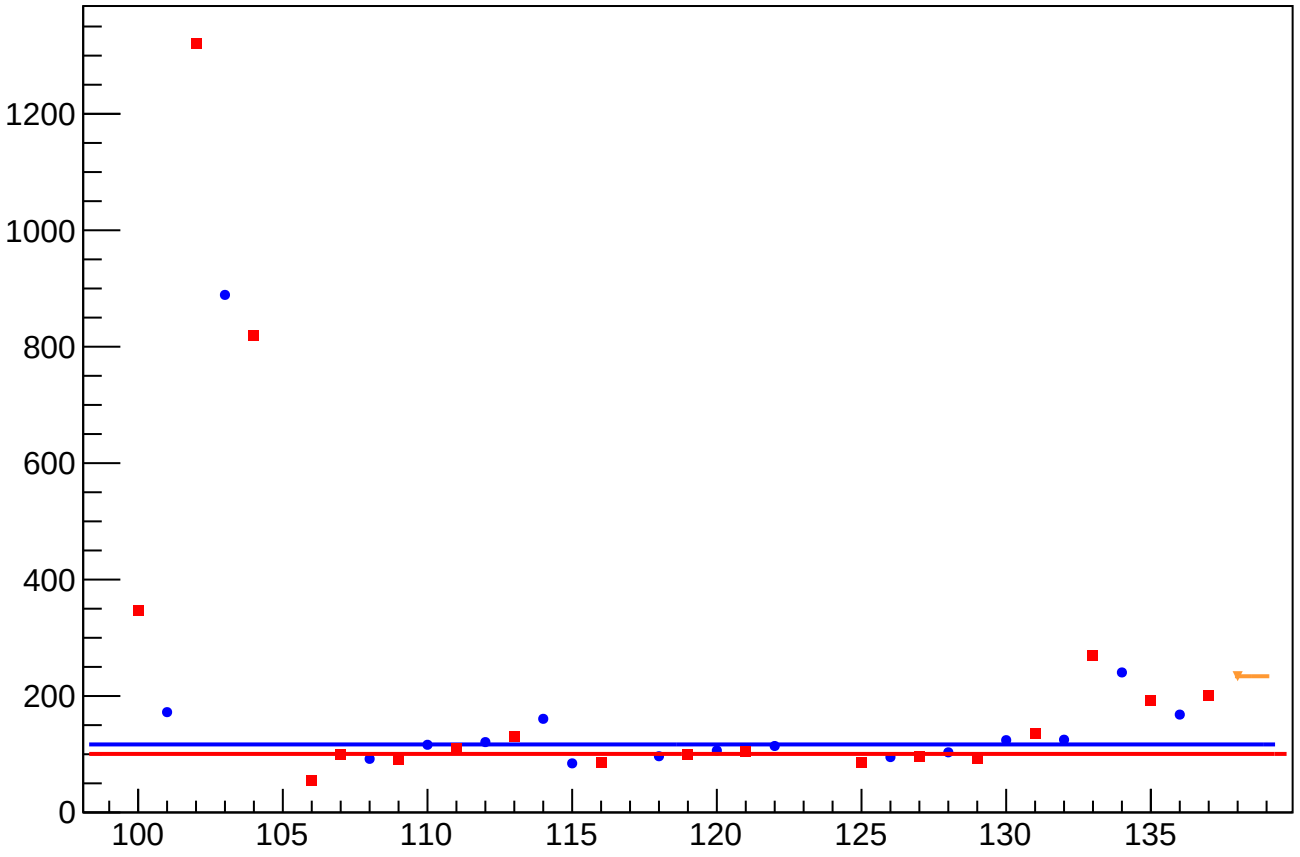
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3007994.3/16

All: 0.000+/-0.000 χ^2/NDF: 7425361.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
105
110
115
120
125
130
135
Right In: 0.043+/-0.047 χ²/NDF: 10.3/15
Left Out: -0.343+/-0.272 χ²/NDF:0.0/0
Right Out: 0.006+/-0.043 χ²/NDF: 26.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.031+/-0.047 χ²/NDF: 12.2/16
All: 0.018+/-0.032 χ²/NDF: 38.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 116.841+/-0.034 χ^2/NDF: 1620809.7/15

Left Out: 233.965+/-0.193 χ^2/NDF:0.0/0

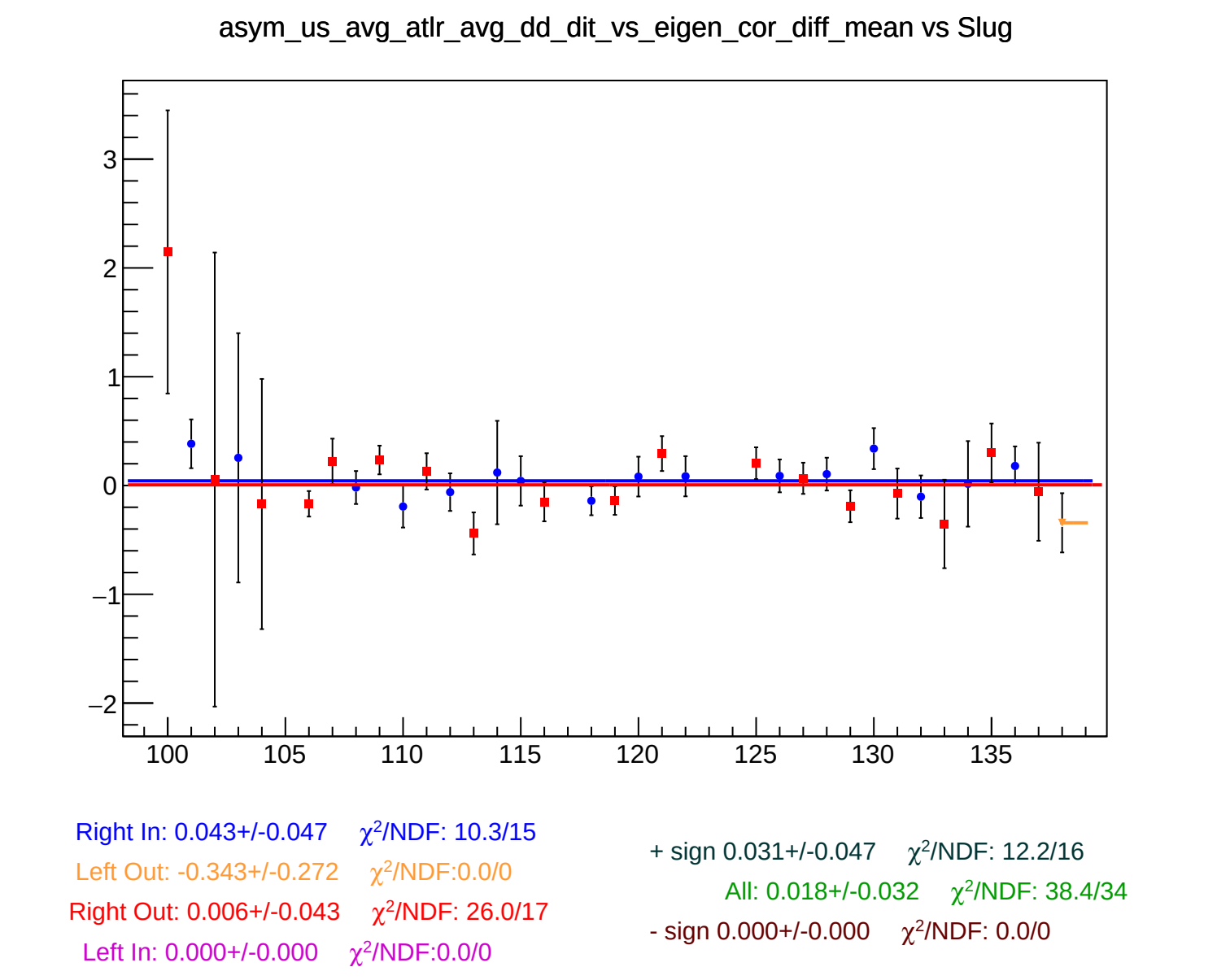
Right Out: 100.544+/-0.031 χ^2/NDF: 2664151.6/17

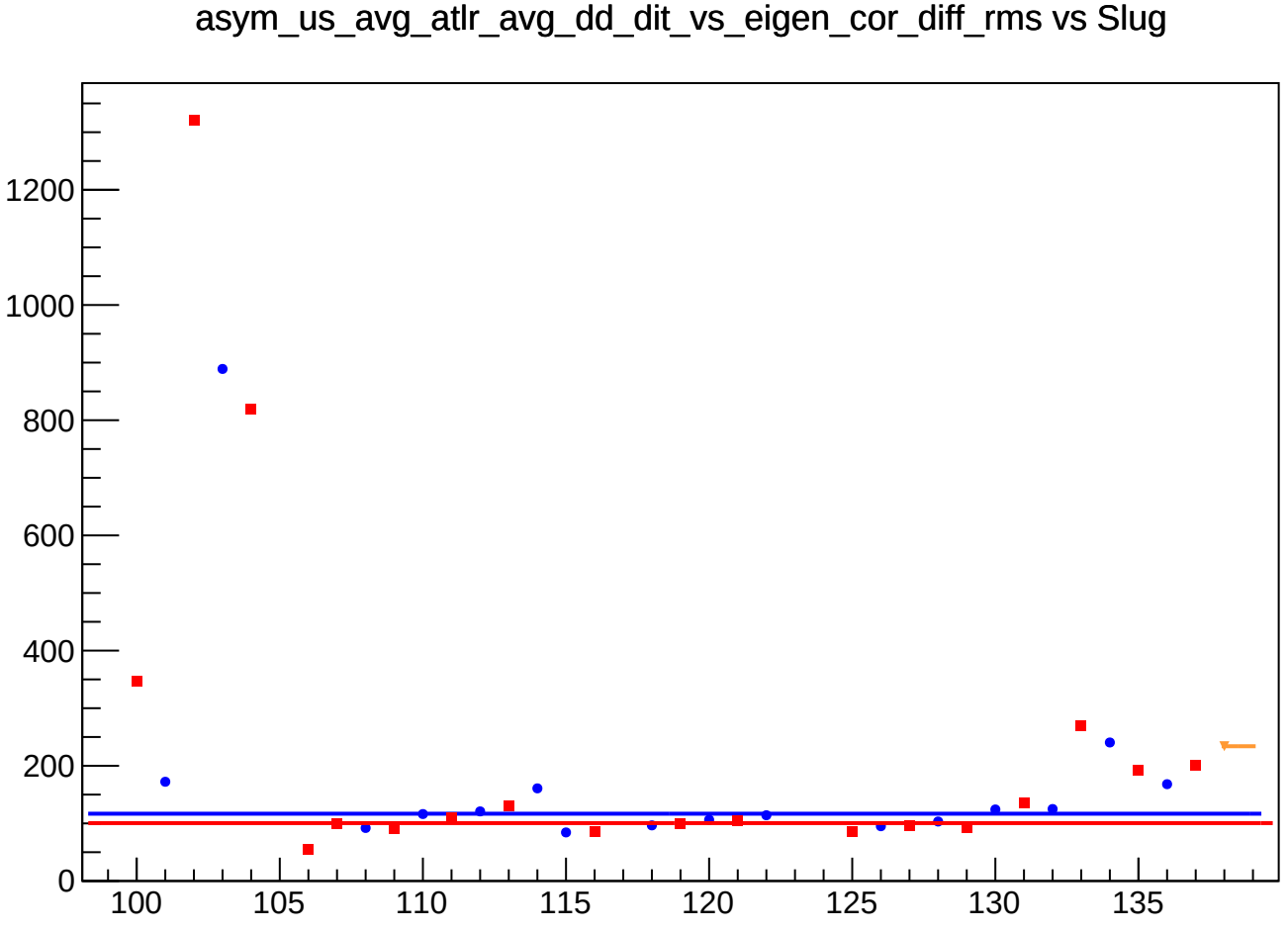
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 120.294+/-0.033 χ^2/NDF: 1979782.6/16

All: 109.679+/-0.022 χ^2/NDF: 4835685.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
105
110
115
120
125
130
135
Right In: 0.043+/-0.047 χ²/NDF: 10.3/15
Left Out: -0.343+/-0.272 χ²/NDF:0.0/0
Right Out: 0.006+/-0.043 χ²/NDF: 26.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.031+/-0.047 χ²/NDF: 12.2/16
All: 0.018+/-0.032 χ²/NDF: 38.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 116.841+/-0.034 χ^2/NDF: 1620809.7/15

Left Out: 233.965+/-0.193 χ^2/NDF:0.0/0

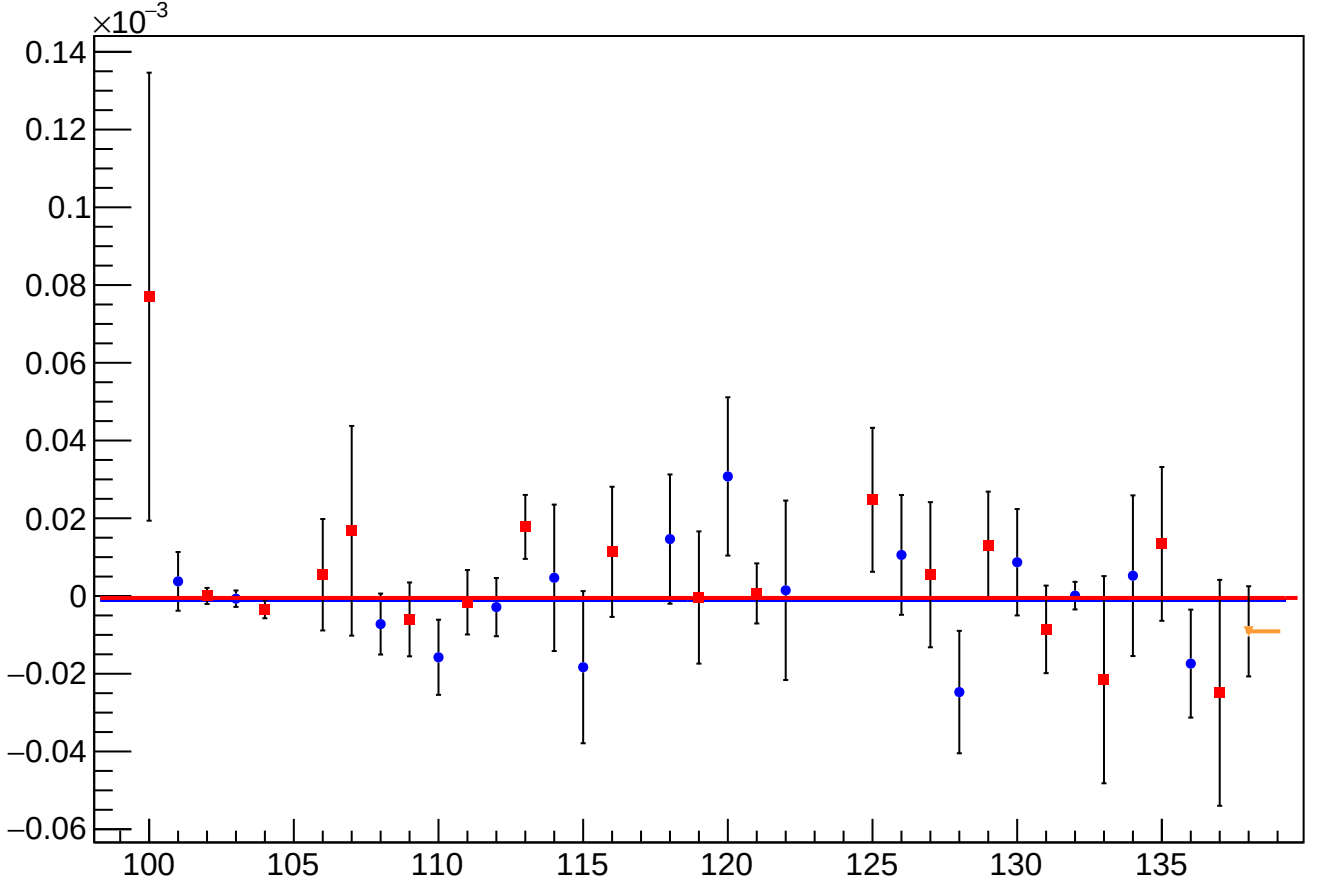
Right Out: 100.544+/-0.031 χ^2/NDF: 2664151.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 120.294+/-0.033 χ^2/NDF: 1979782.6/16

All: 109.679+/-0.022 χ^2/NDF: 4835685.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 12.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

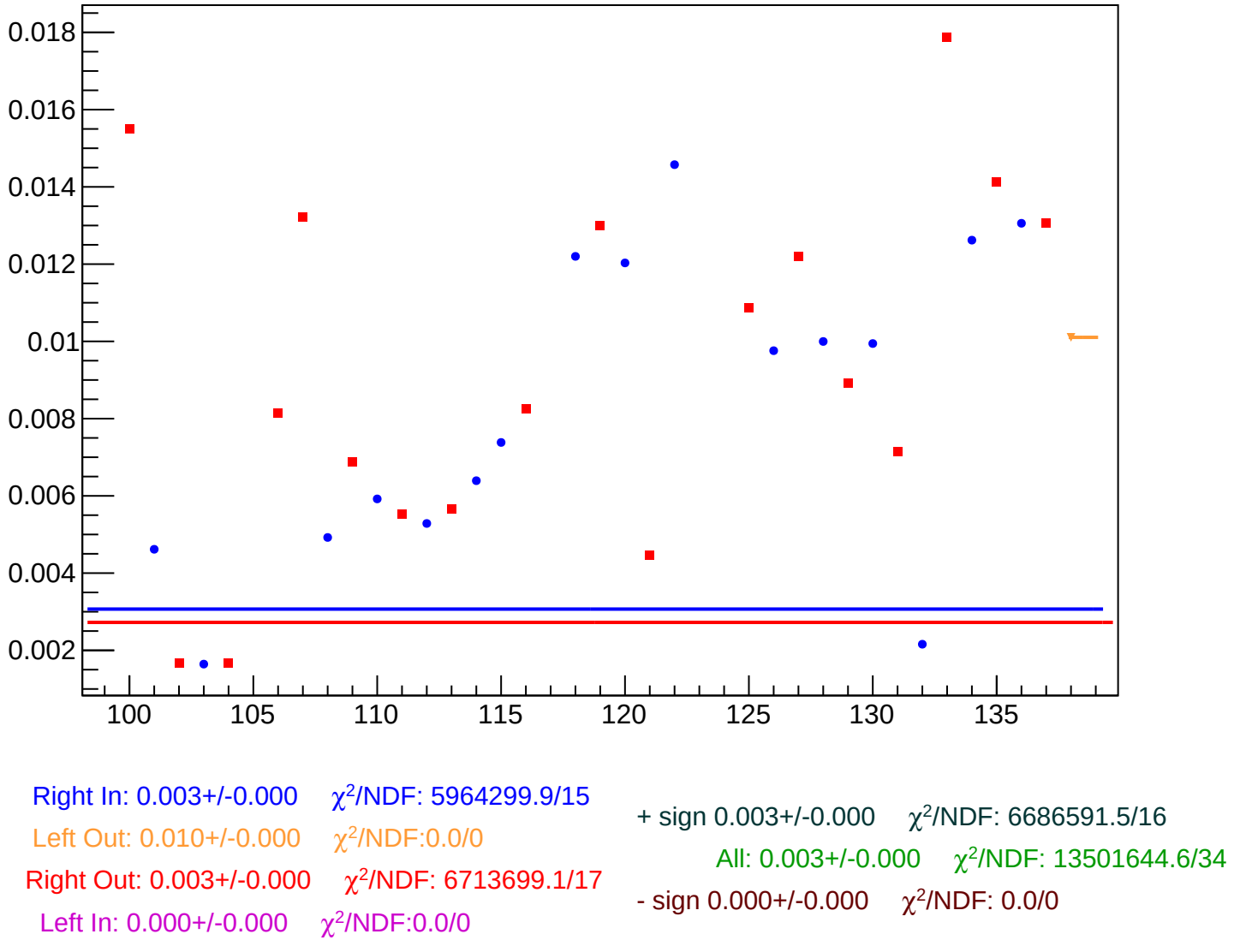
Right Out: -0.000+/-0.000 χ^2/NDF: 15.1/17

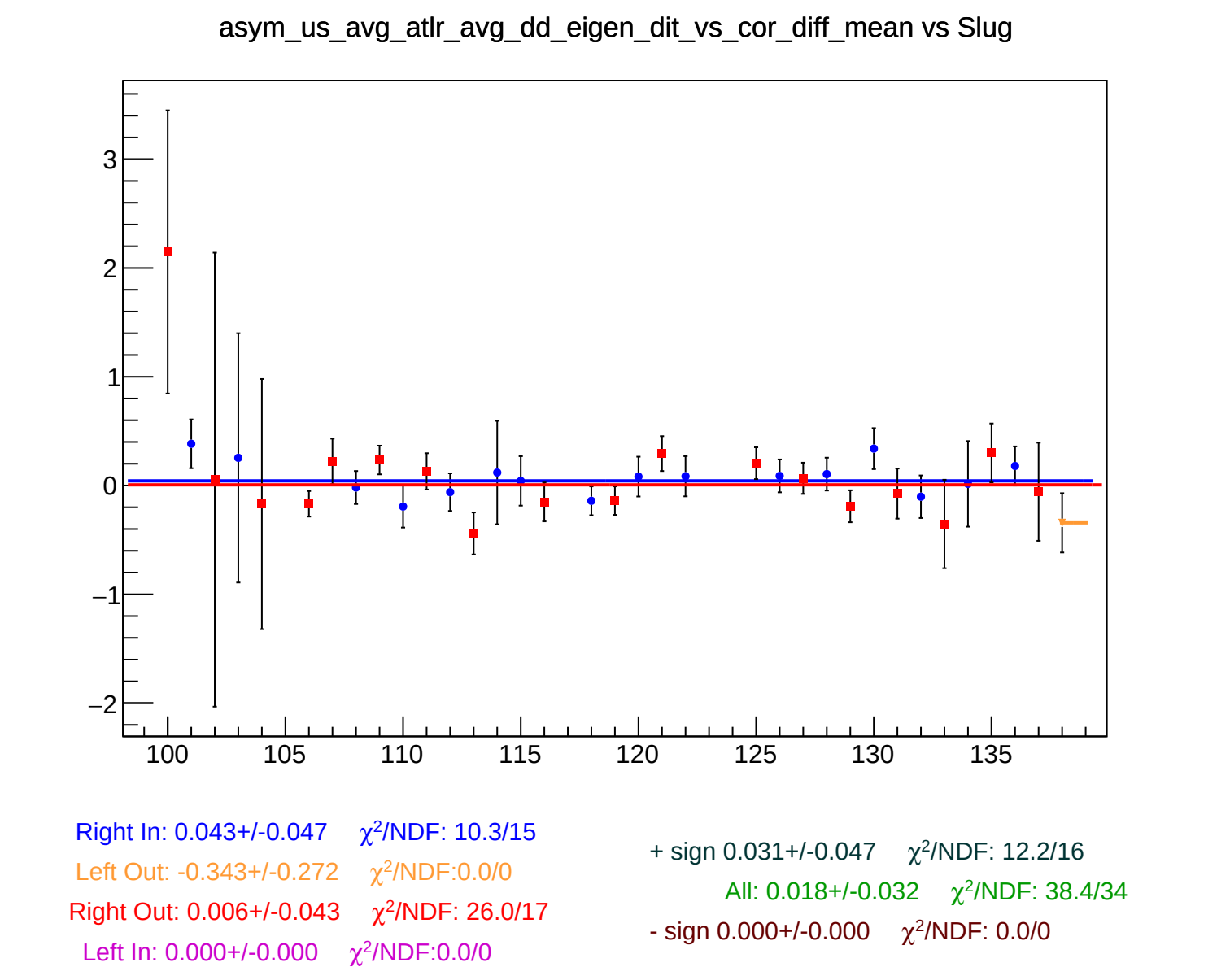
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.0/16

All: -0.000+/-0.000 χ^2/NDF: 28.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.003+/-0.000 χ²/NDF: 5964299.9/15
Left Out: 0.010+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 6713699.1/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.003+/-0.000 χ²/NDF: 6686591.5/16
All: 0.003+/-0.000 χ²/NDF: 13501644.6/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug
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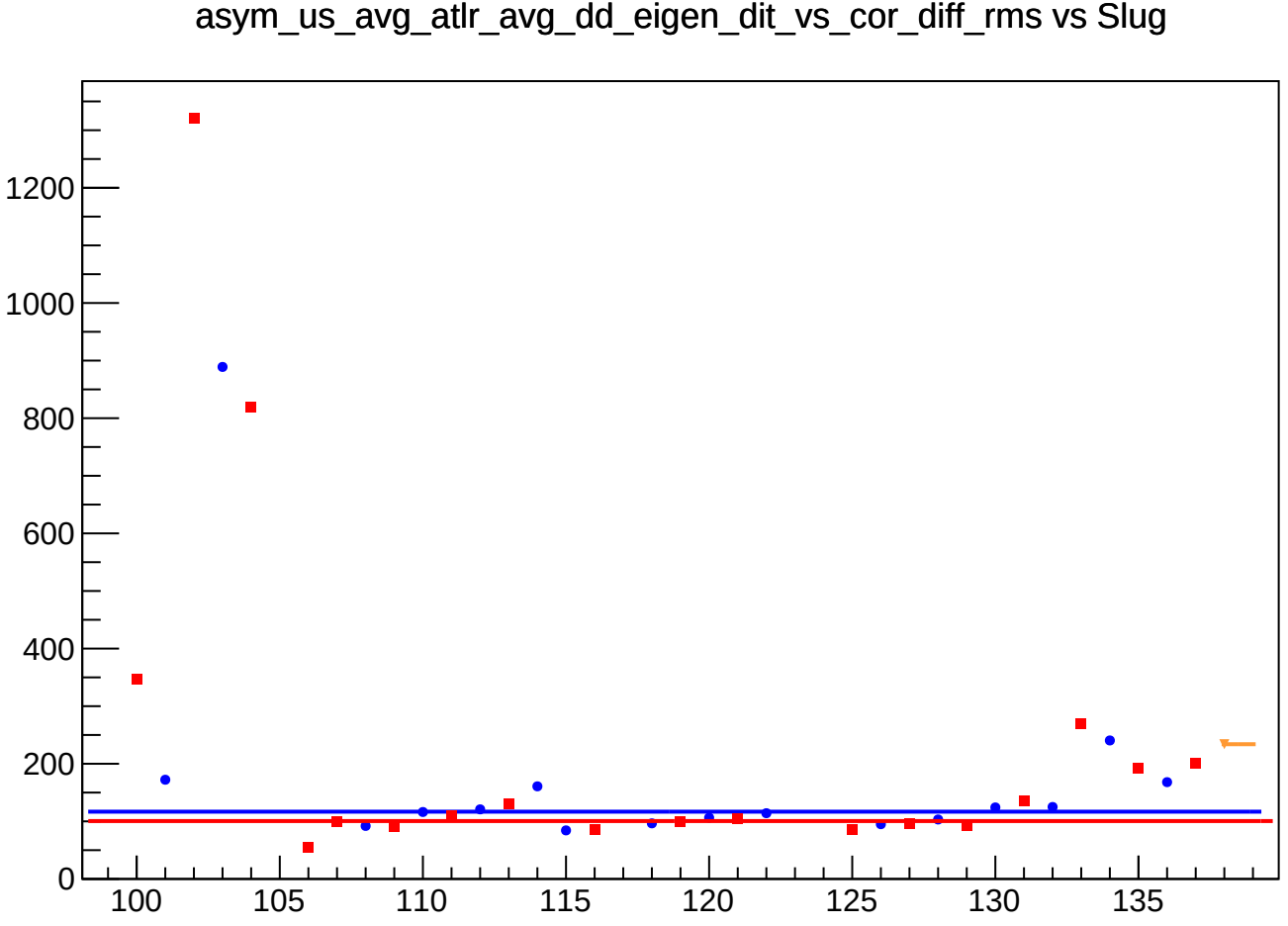
135
Right In: 0.043+/-0.047 χ²/NDF: 10.3/15
Left Out: -0.343+/-0.272 χ²/NDF:0.0/0
Right Out: 0.006+/-0.043 χ²/NDF: 26.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.031+/-0.047 χ²/NDF: 12.2/16
All: 0.018+/-0.032 χ²/NDF: 38.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 116.841+/-0.034 χ^2/NDF: 1620812.6/15

Left Out: 233.968+/-0.193 χ^2/NDF:0.0/0

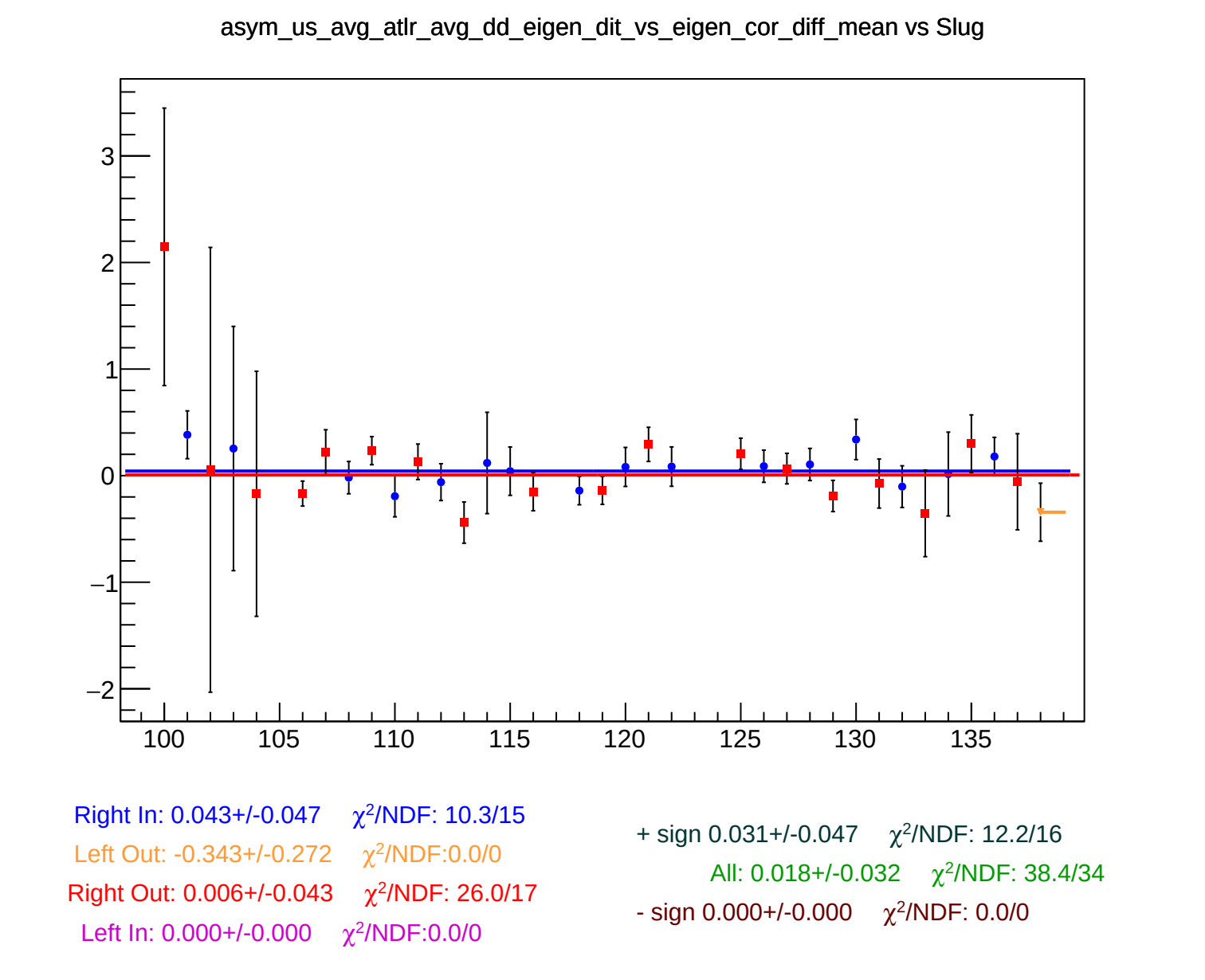
Right Out: 100.543+/-0.031 χ^2/NDF: 2664231.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 120.294+/-0.033 χ^2/NDF: 1979796.1/16

All: 109.679+/-0.022 χ^2/NDF: 4835797.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug
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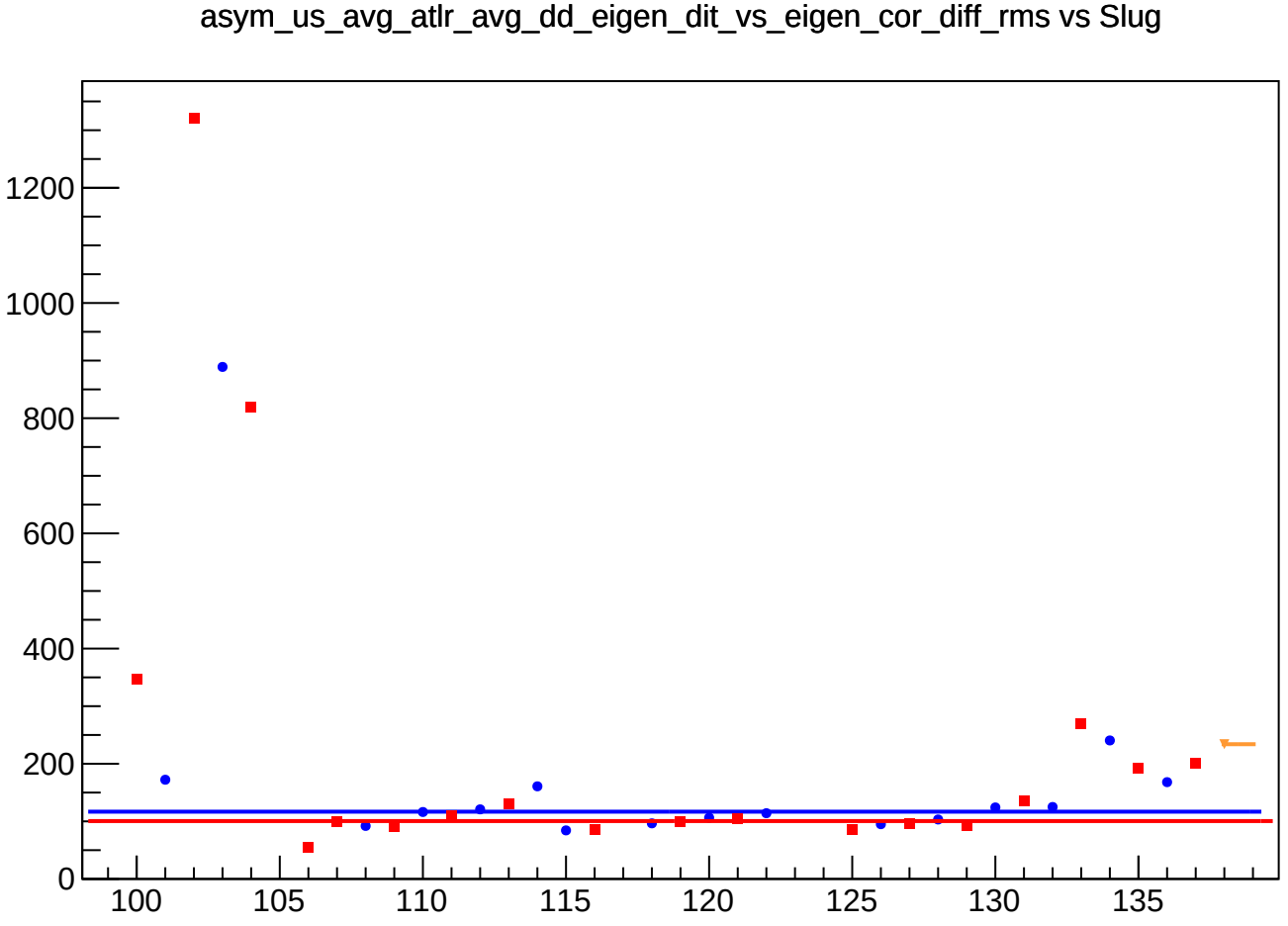
125
130
135
Right In: 0.043+/-0.047 χ²/NDF: 10.3/15
Left Out: -0.343+/-0.272 χ²/NDF:0.0/0
Right Out: 0.006+/-0.043 χ²/NDF: 26.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.031+/-0.047 χ²/NDF: 12.2/16
All: 0.018+/-0.032 χ²/NDF: 38.4/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 116.841+/-0.034 χ^2/NDF: 1620812.6/15

Left Out: 233.968+/-0.193 χ^2/NDF:0.0/0

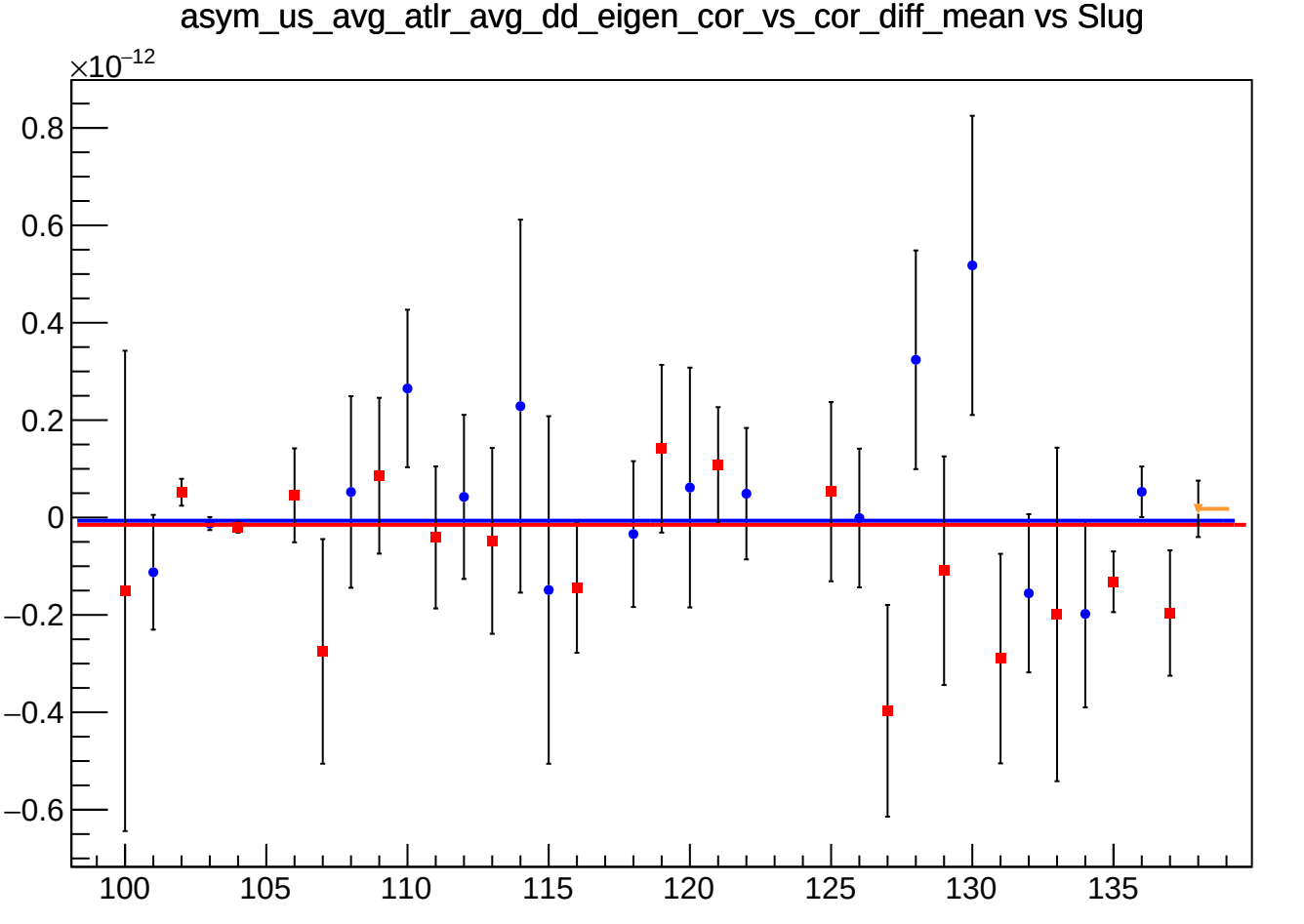
Right Out: 100.543+/-0.031 χ^2/NDF: 2664231.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 120.294+/-0.033 χ^2/NDF: 1979796.1/16

All: 109.679+/-0.022 χ^2/NDF: 4835797.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

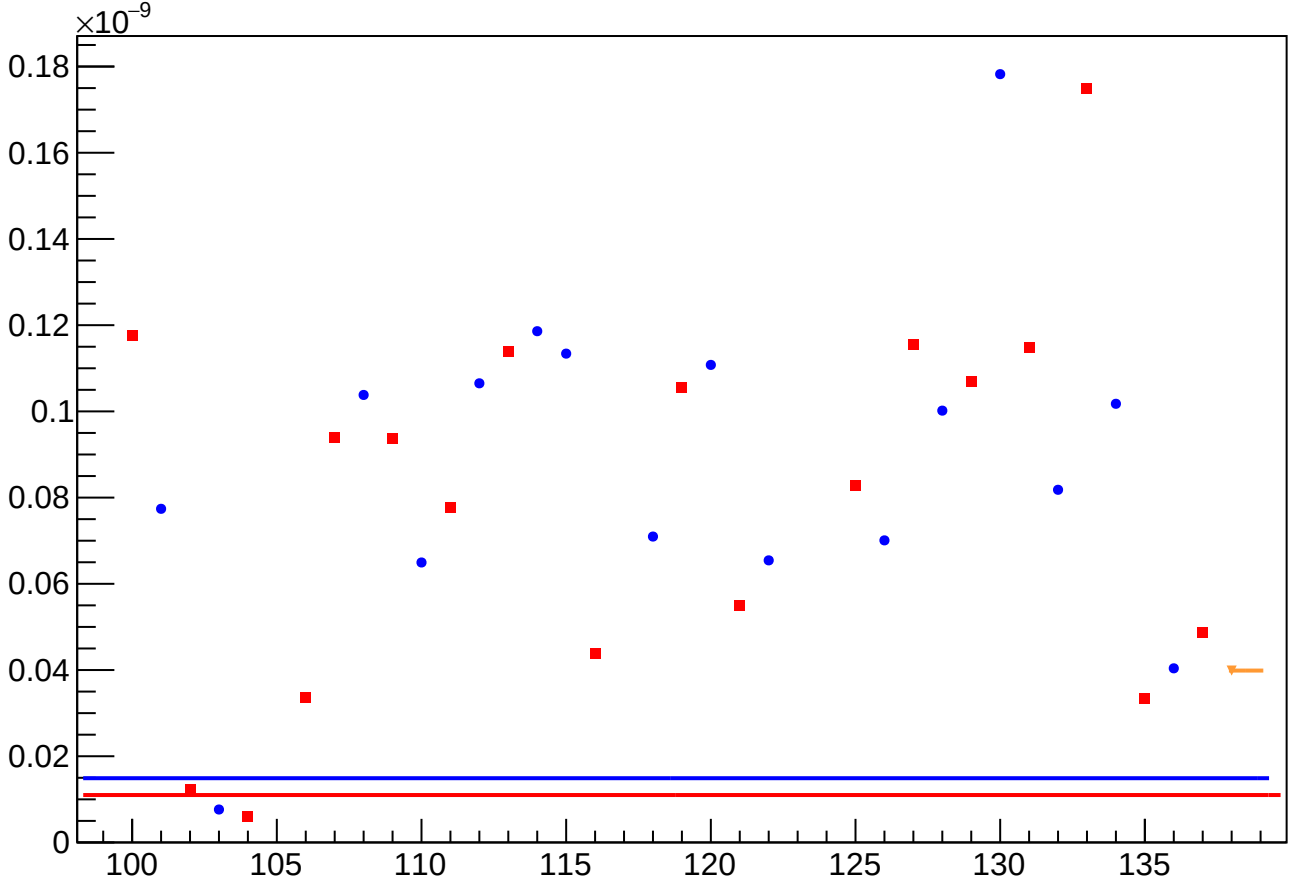
Right Out: -0.000+/-0.000 χ^2/NDF: 21.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.2/16

All: -0.000+/-0.000 χ^2/NDF: 35.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 5893030.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 5866969.2/17

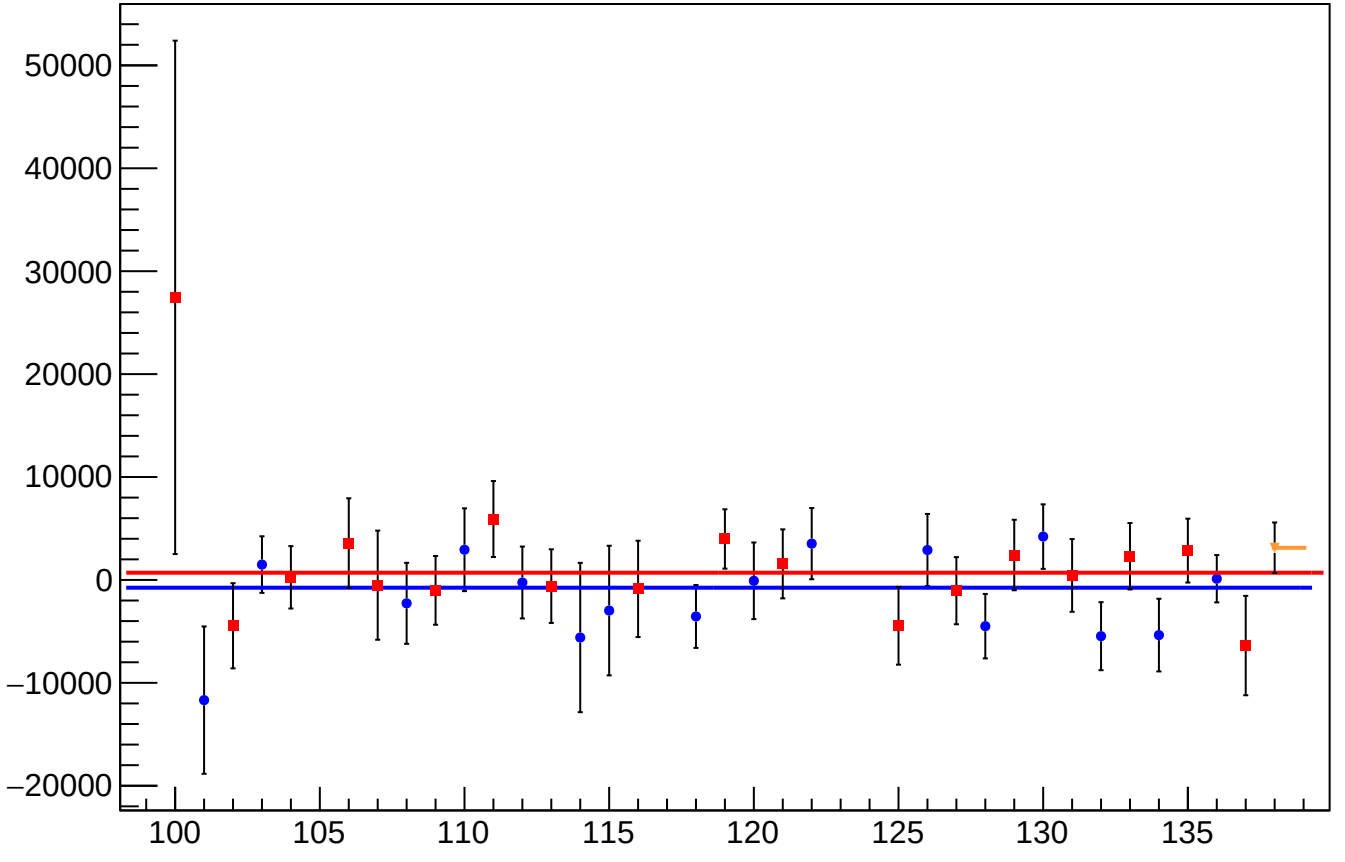
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 6248602.3/16

All: 0.000+/-0.000 χ^2/NDF: 12319464.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -754.291+/-872.652 χ^2/NDF: 15.9/15

Left Out: 3122.561+/-2459.248 χ^2/NDF:0.0/0

Right Out: 702.198+/-868.647 χ^2/NDF: 12.4/17

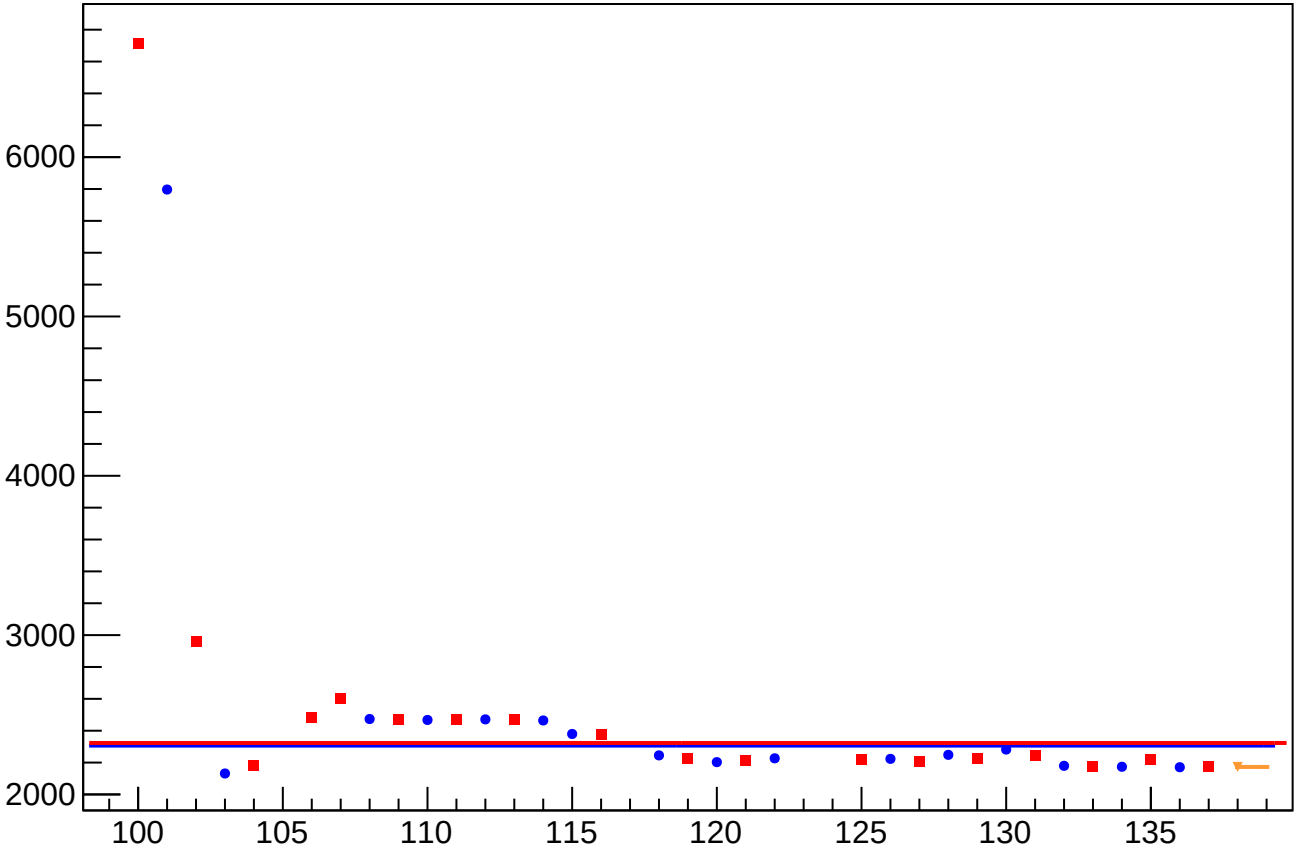
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -320.729+/-822.410 χ^2/NDF: 18.1/16

All: 162.786+/-597.209 χ^2/NDF: 31.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2306.643+/-0.617 χ^2/NDF: 514150.3/15

Left Out: 2172.528+/-1.739 χ^2/NDF:0.0/0

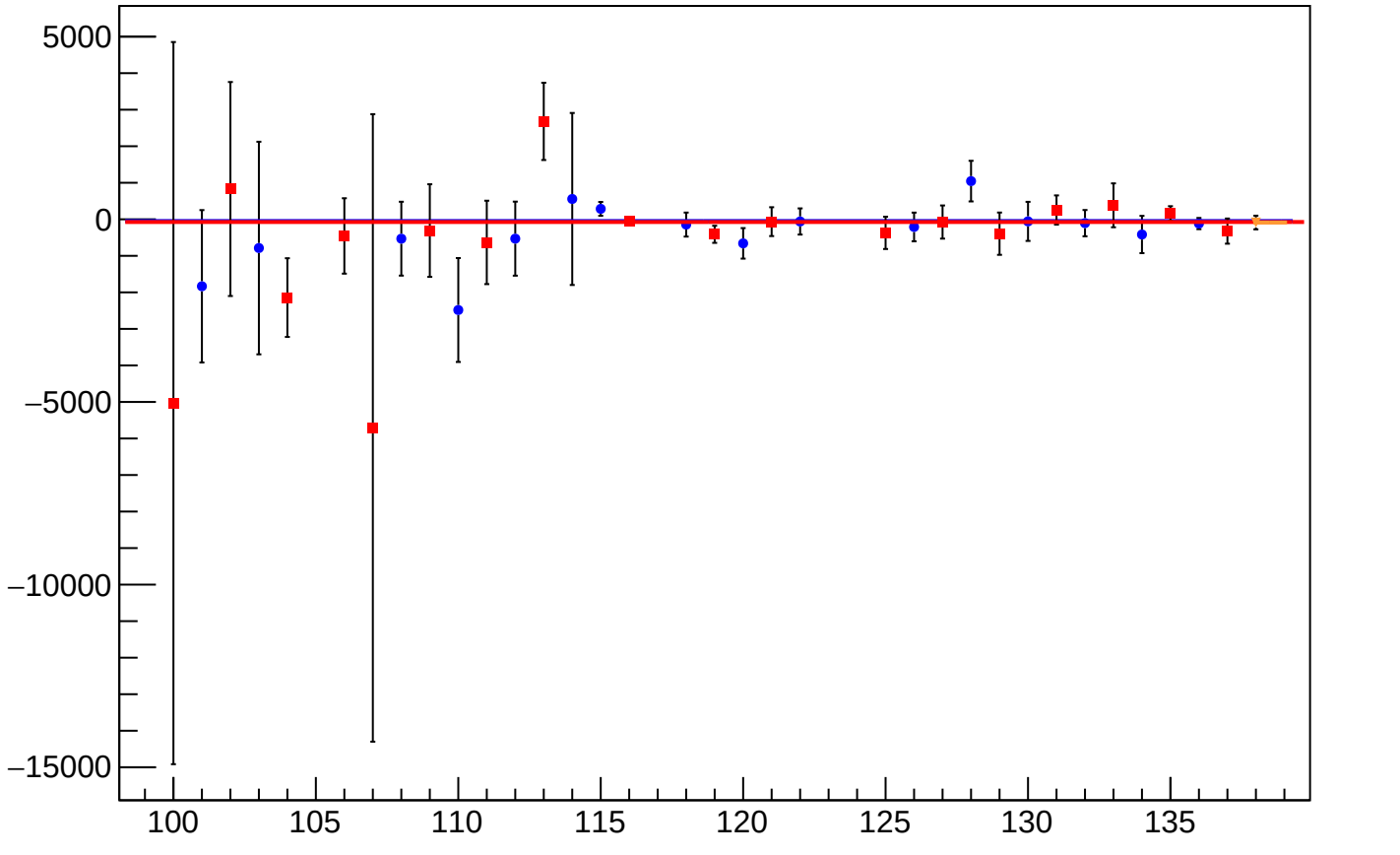
Right Out: 2323.010+/-0.614 χ^2/NDF: 151787.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2291.645+/-0.582 χ^2/NDF: 519433.2/16

All: 2306.471+/-0.422 χ^2/NDF: 672595.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -47.927+/-90.914 χ^2/NDF: 14.4/15

Left Out: -88.462+/-187.373 χ^2/NDF:0.0/0

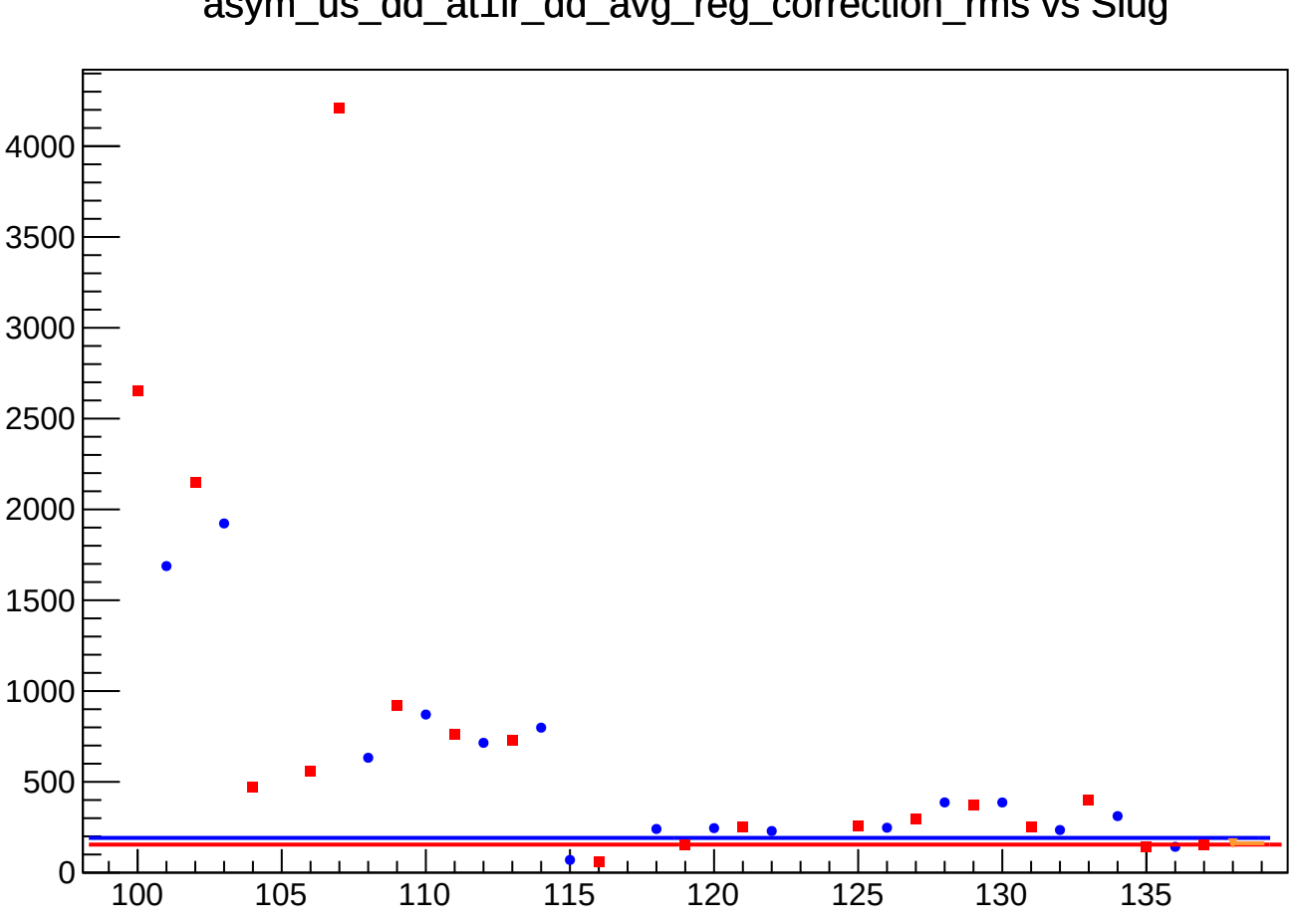
Right Out: -74.200+/-82.384 χ^2/NDF: 17.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -55.651+/-81.794 χ^2/NDF: 14.4/16

All: -64.859+/-58.045 χ^2/NDF: 32.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 191.381+/-0.064 χ^2/NDF: 5064747.7/15

Left Out: 161.977+/-0.132 χ^2/NDF:0.0/0

Right Out: 154.677+/-0.058 χ^2/NDF: 6154285.9/17

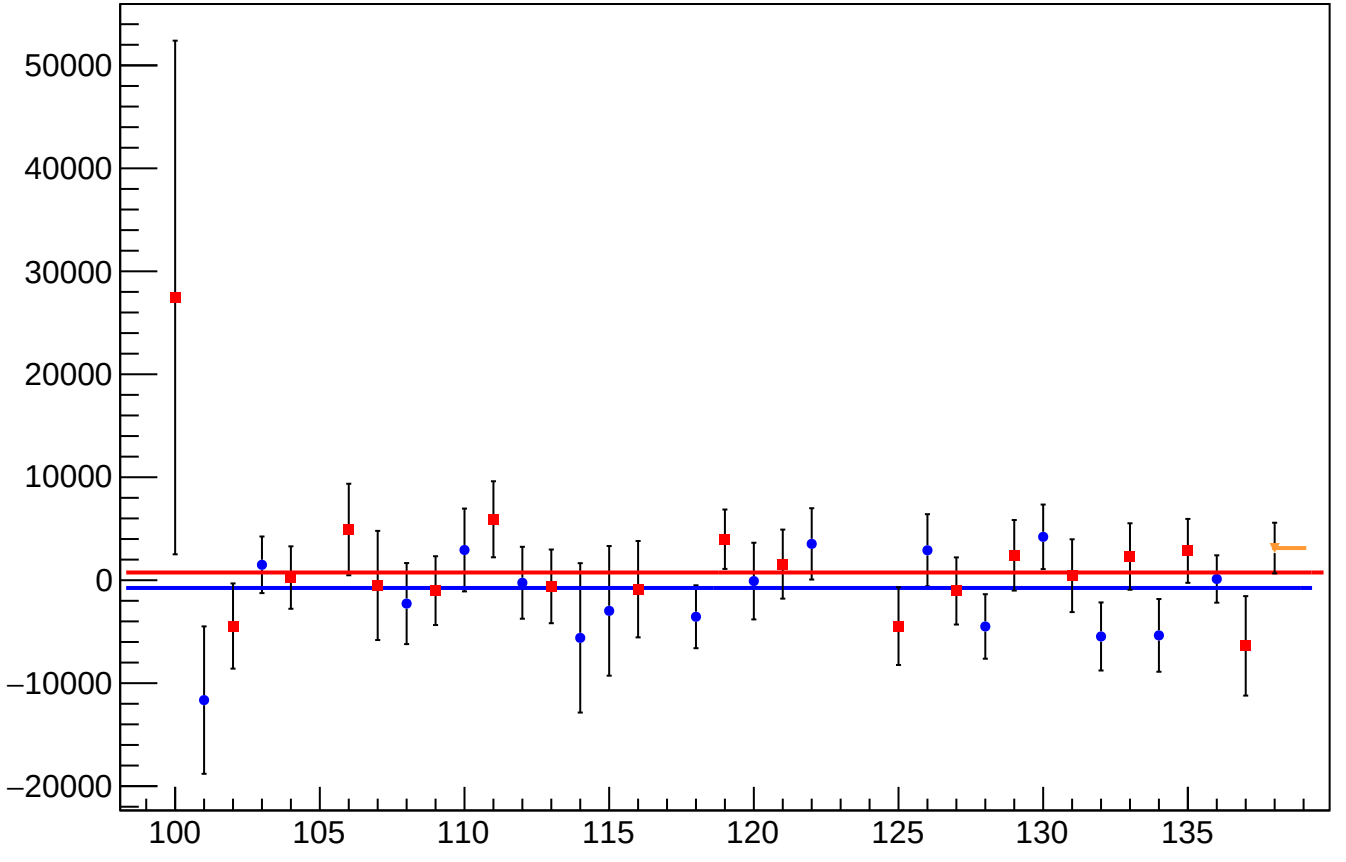
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 185.777+/-0.058 χ^2/NDF: 5104612.9/16

All: 170.339+/-0.041 χ^2/NDF: 11402436.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -753.322+/-872.653 χ^2/NDF: 15.9/15

Left Out: 3122.528+/-2459.248 χ^2/NDF:0.0/0

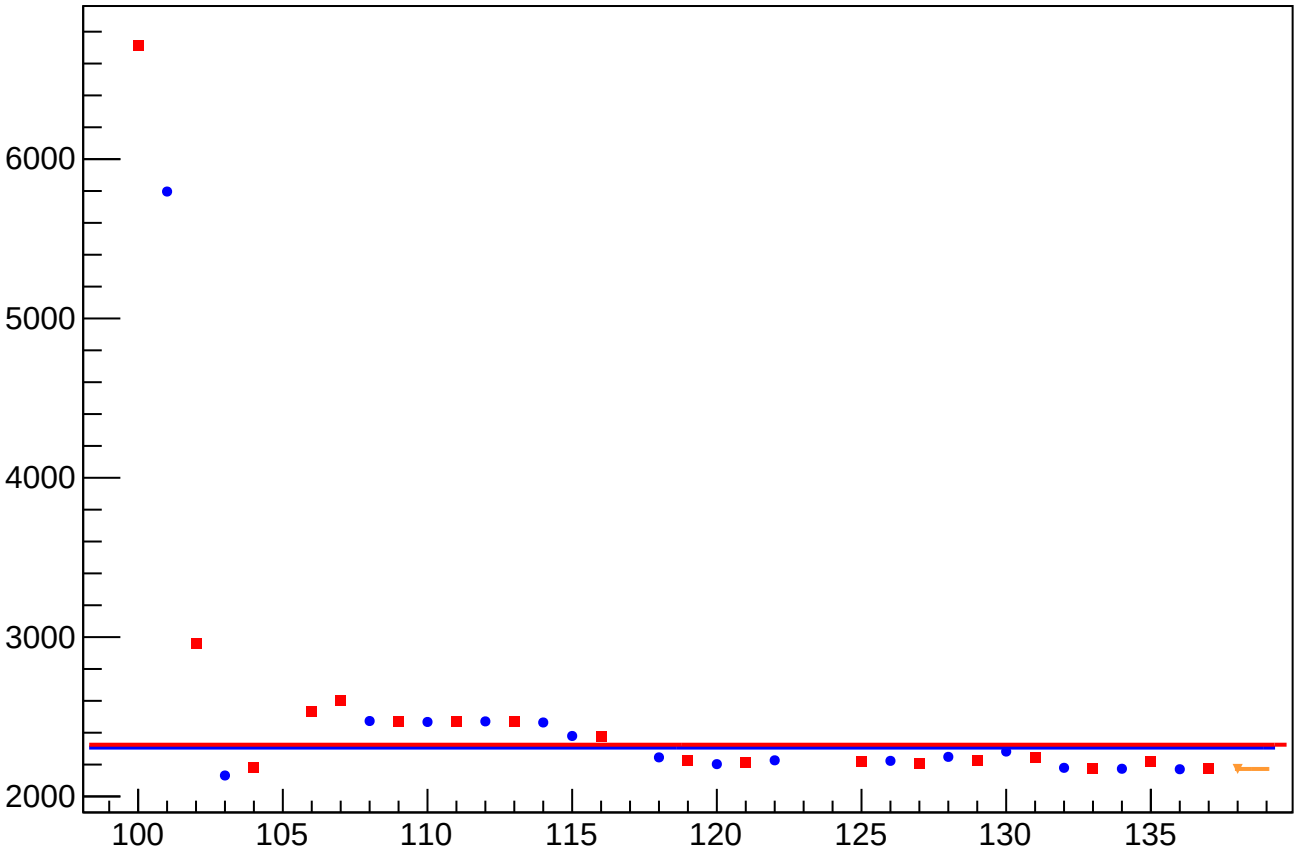
Right Out: 749.316+/-869.366 χ^2/NDF: 12.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -319.872+/-822.410 χ^2/NDF: 18.1/16

All: 185.070+/-597.442 χ^2/NDF: 31.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2306.643+/-0.617 χ^2/NDF: 514150.6/15

Left Out: 2172.528+/-1.739 χ^2/NDF:0.0/0

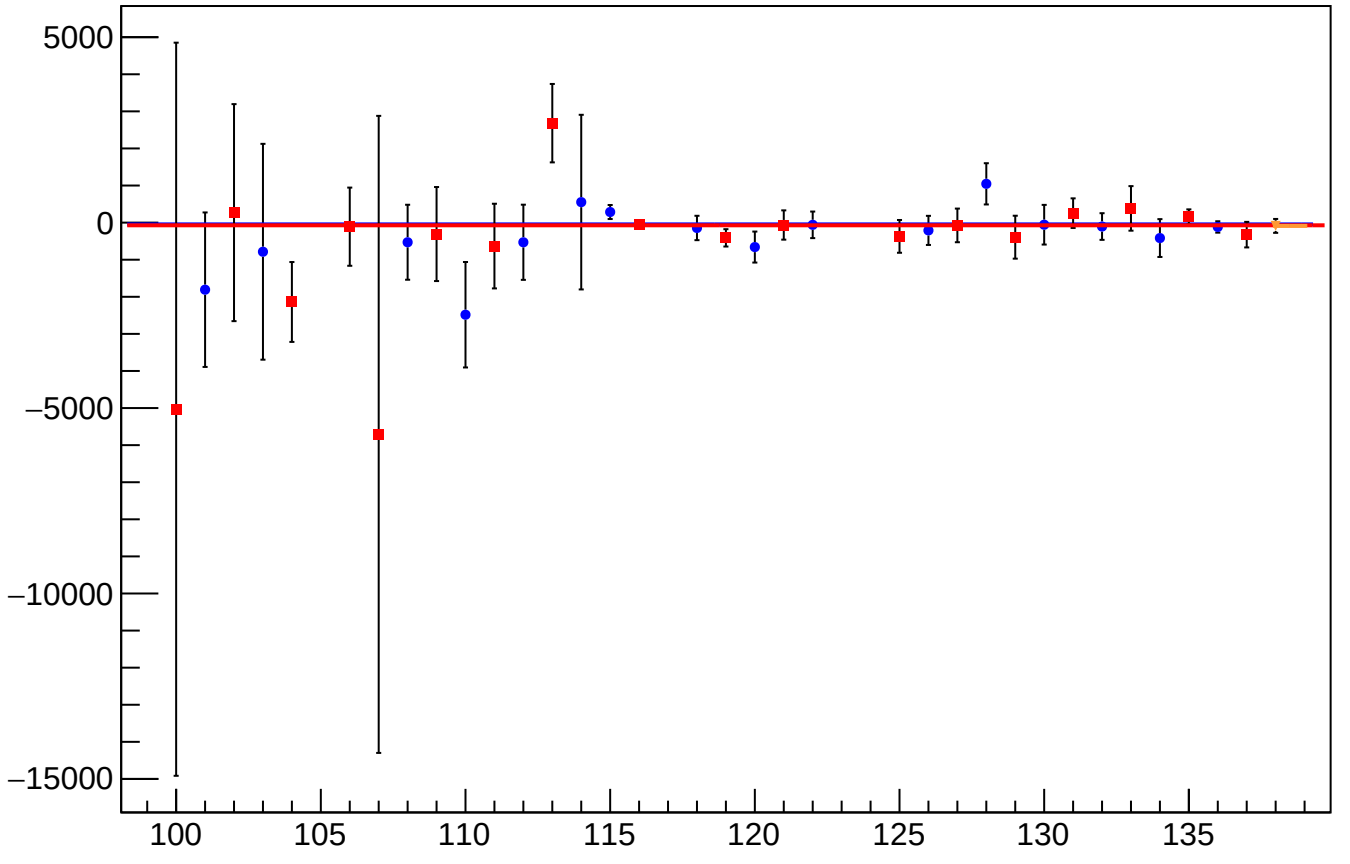
Right Out: 2324.685+/-0.615 χ^2/NDF: 153578.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2291.645+/-0.582 χ^2/NDF: 519433.6/16

All: 2307.248+/-0.422 χ^2/NDF: 674536.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -47.960+/-90.920 χ^2/NDF: 14.4/15

Left Out: -88.385+/-187.366 χ^2/NDF:0.0/0

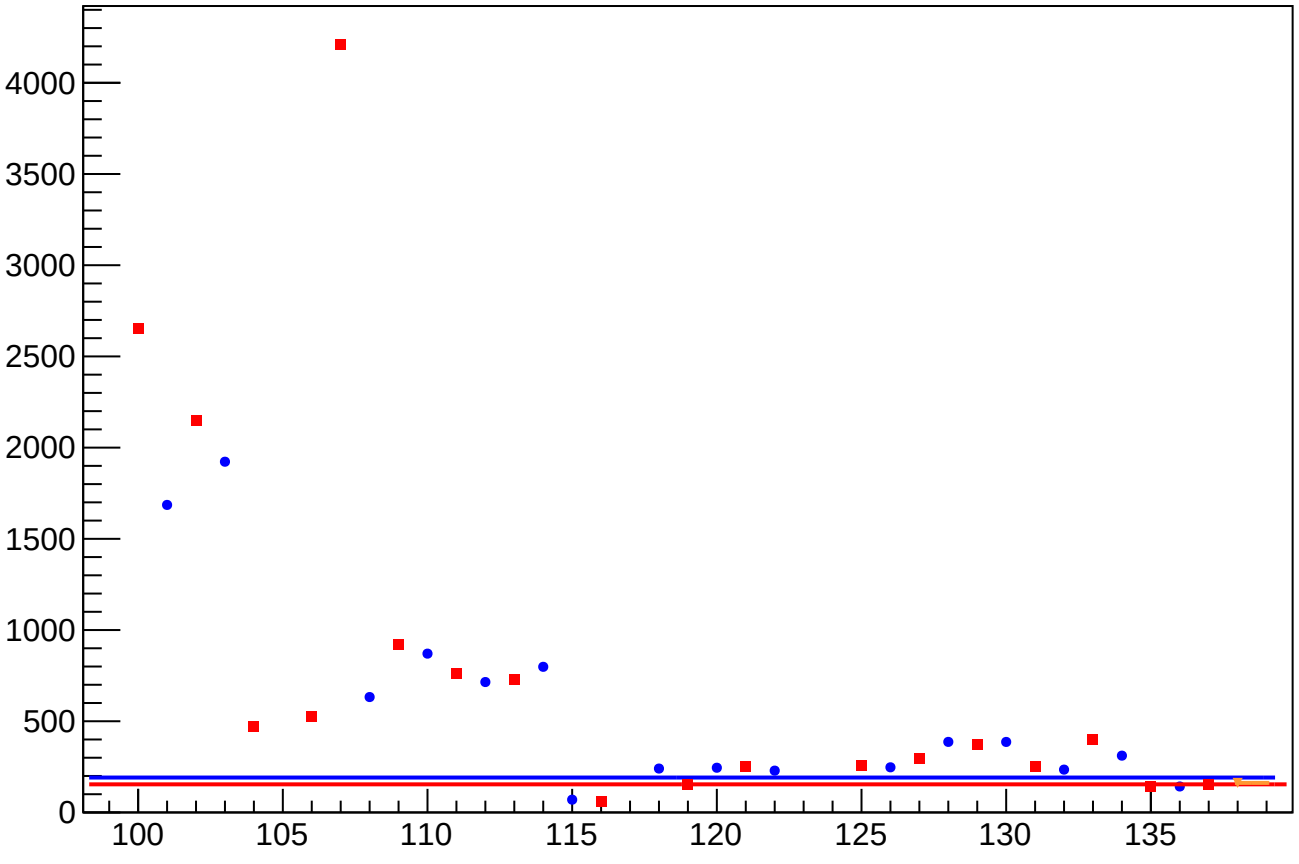
Right Out: -72.198+/-82.322 χ^2/NDF: 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -55.665+/-81.798 χ^2/NDF: 14.4/16

All: -63.878+/-58.024 χ^2/NDF: 31.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 191.405+/-0.064 χ^2/NDF: 5063603.7/15

Left Out: 161.970+/-0.132 χ^2/NDF:0.0/0

Right Out: 154.121+/-0.058 χ^2/NDF: 6108665.0/17

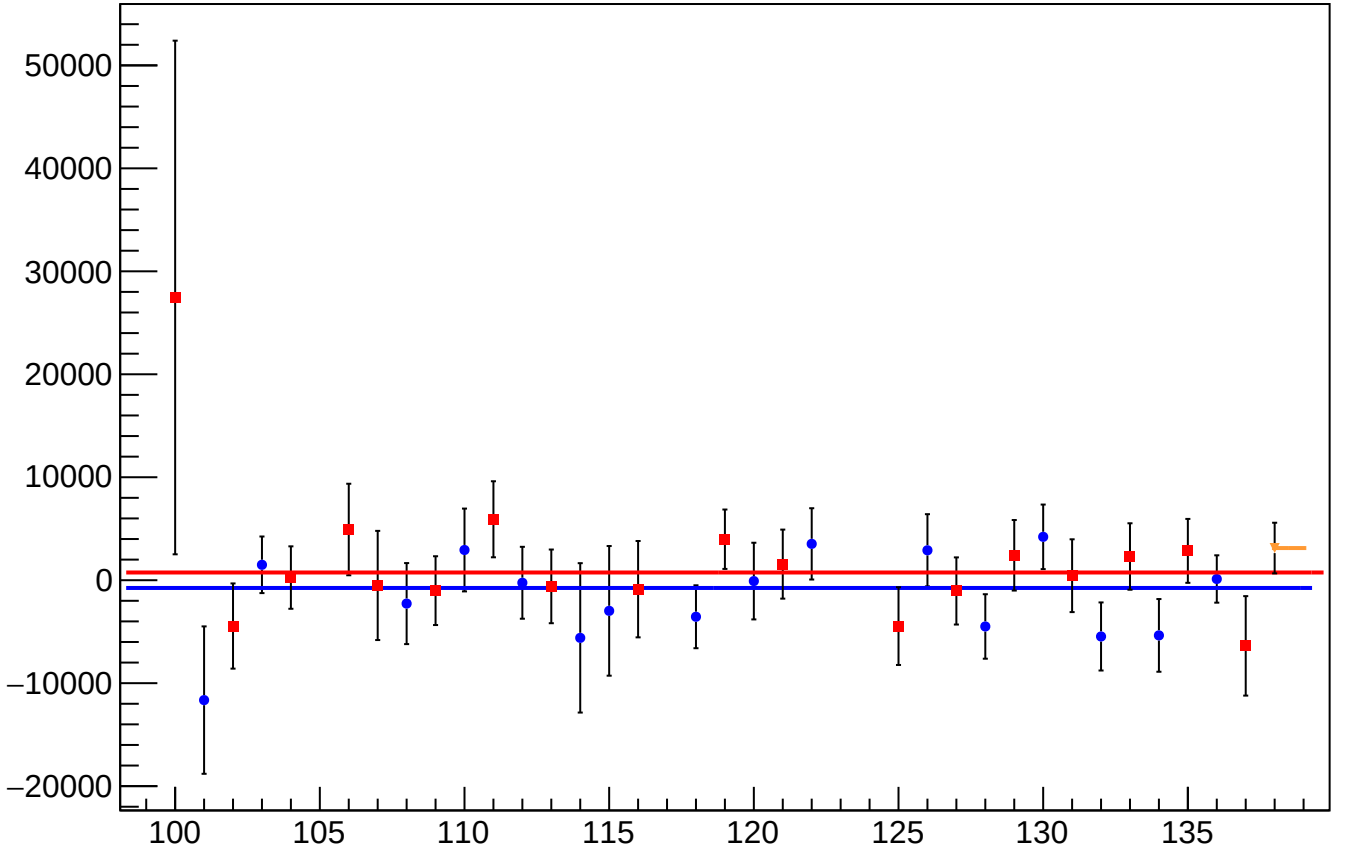
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 185.795+/-0.058 χ^2/NDF: 5103555.3/16

All: 170.059+/-0.041 χ^2/NDF: 11361202.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -753.322+/-872.653 χ^2/NDF: 15.9/15

Left Out: 3122.528+/-2459.248 χ^2/NDF:0.0/0

Right Out: 749.316+/-869.366 χ^2/NDF: 12.8/17

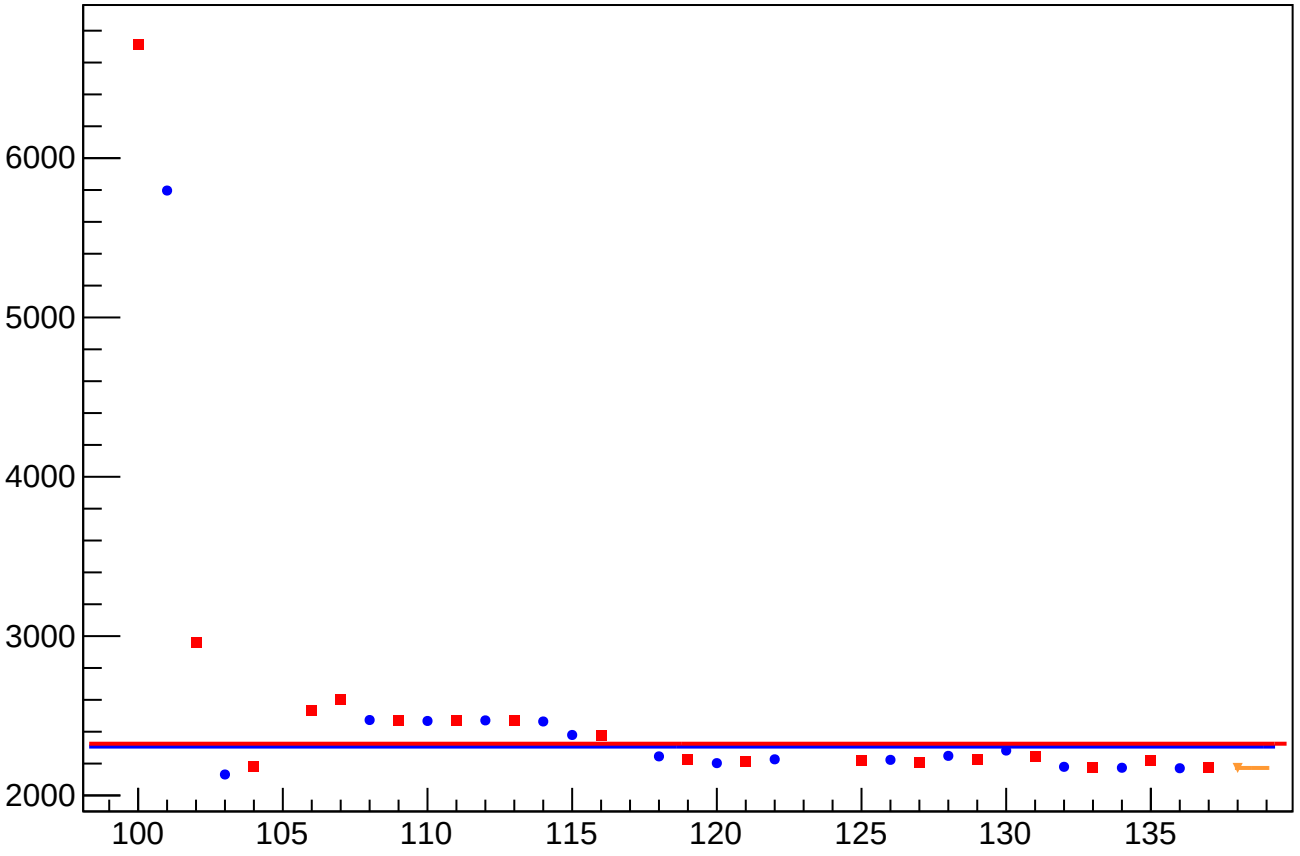
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -319.872+/-822.410 χ^2/NDF: 18.1/16

All: 185.070+/-597.442 χ^2/NDF: 31.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2306.643+/-0.617 χ^2/NDF: 514150.6/15

Left Out: 2172.528+/-1.739 χ^2/NDF:0.0/0

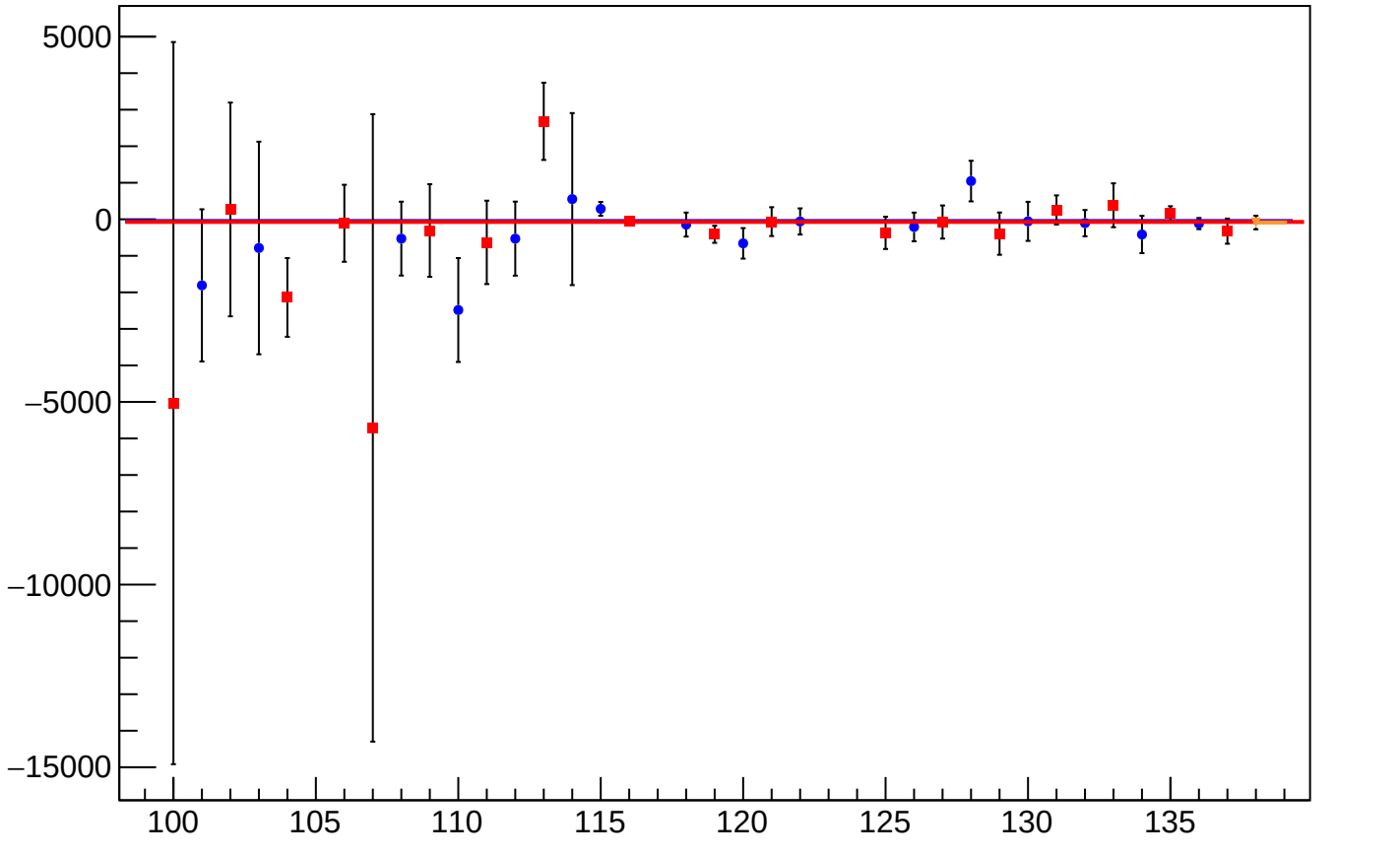
Right Out: 2324.685+/-0.615 χ^2/NDF: 153578.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2291.645+/-0.582 χ^2/NDF: 519433.6/16

All: 2307.248+/-0.422 χ^2/NDF: 674536.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -47.960+/-90.920 χ^2/NDF: 14.4/15

Left Out: -88.385+/-187.366 χ^2/NDF:0.0/0

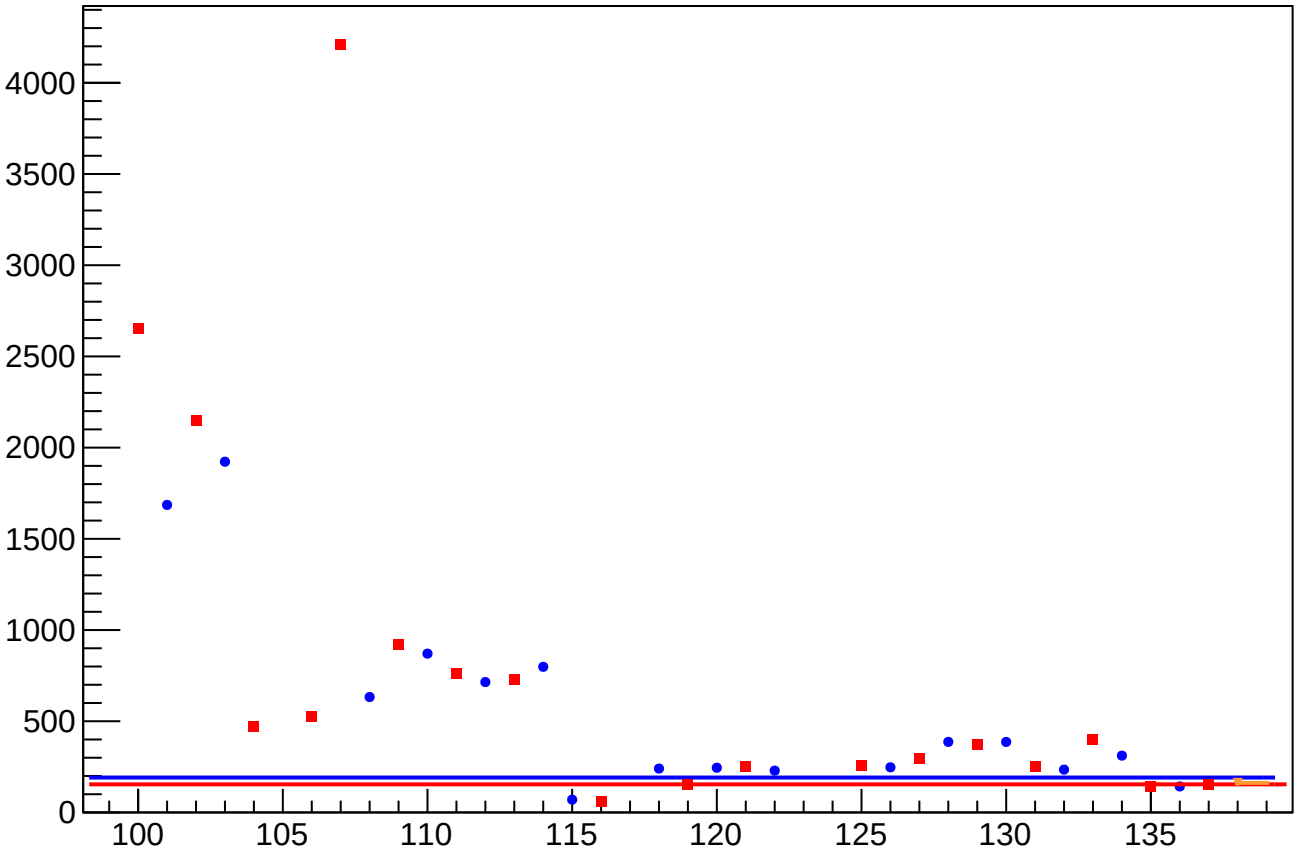
Right Out: -72.198+/-82.322 χ^2/NDF: 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -55.665+/-81.798 χ^2/NDF: 14.4/16

All: -63.878+/-58.024 χ^2/NDF: 31.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 191.405+/-0.064 χ^2/NDF: 5063603.7/15

Left Out: 161.970+/-0.132 χ^2/NDF:0.0/0

Right Out: 154.121+/-0.058 χ^2/NDF: 6108665.0/17

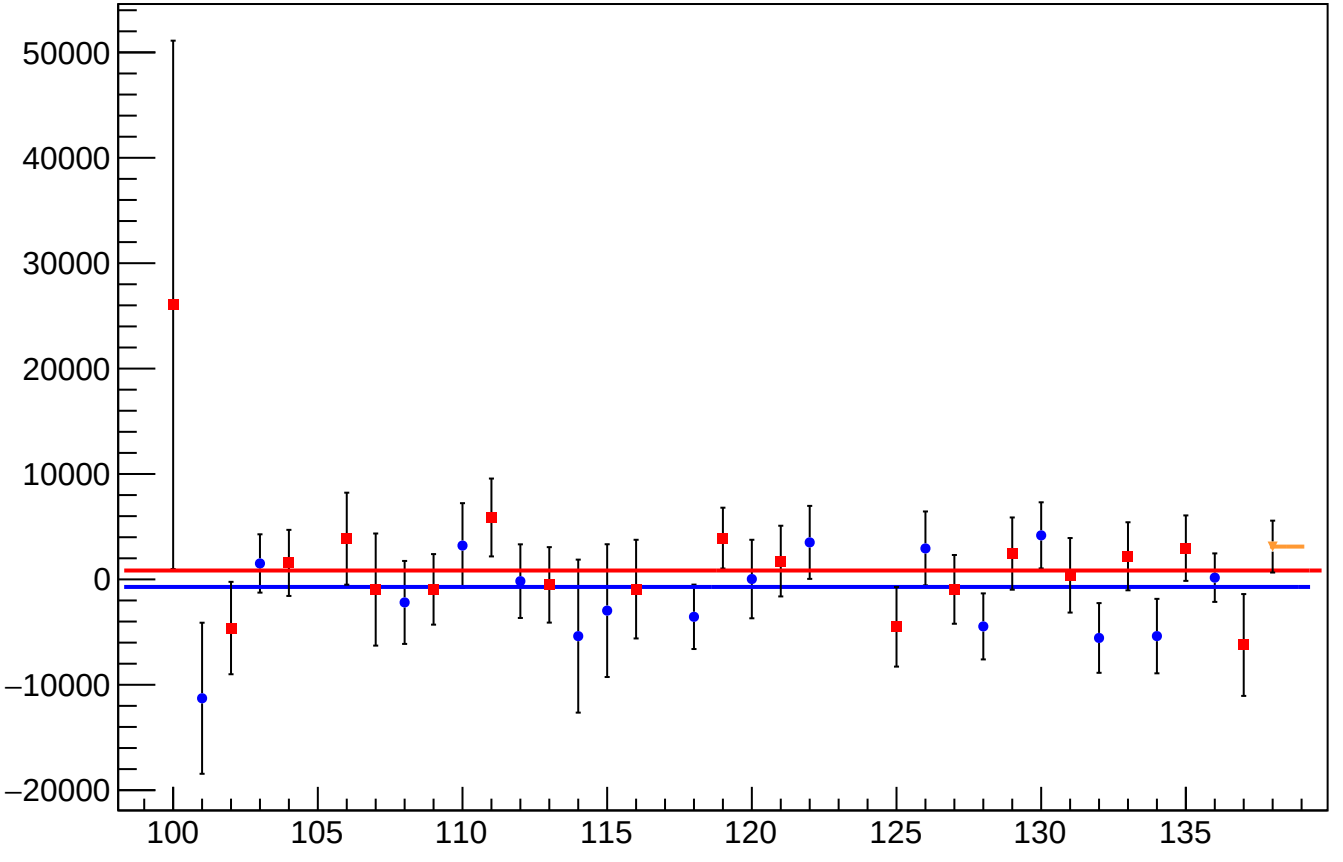
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 185.795+/-0.058 χ^2/NDF: 5103555.3/16

All: 170.059+/-0.041 χ^2/NDF: 11361202.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -717.136+/-873.539 χ^2/NDF: 15.8/15

Left Out: 3111.510+/-2460.356 χ^2/NDF:0.0/0

Right Out: 842.157+/-873.586 χ^2/NDF: 12.2/17

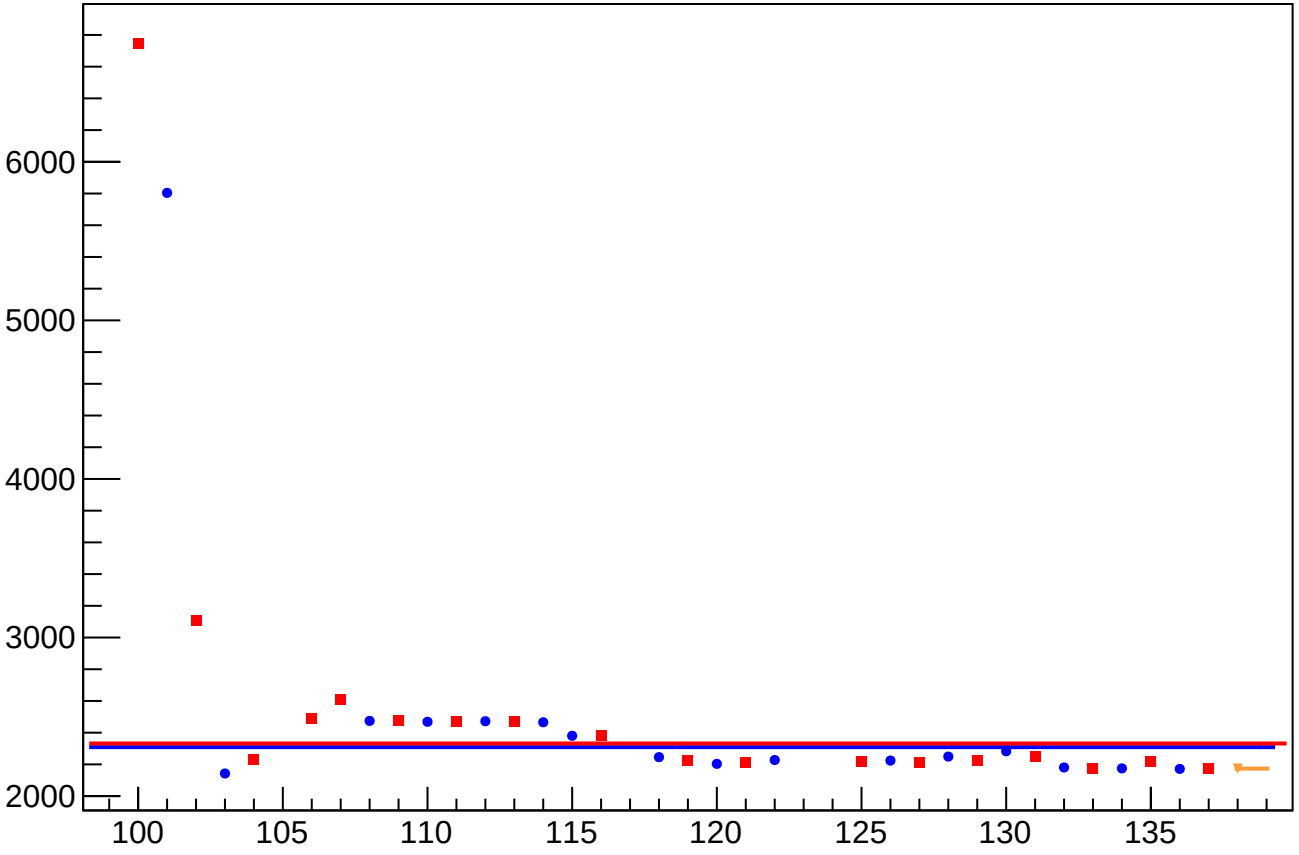
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -288.535+/-823.194 χ^2/NDF: 18.0/16

All: 243.260+/-599.109 χ^2/NDF: 31.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2308.739+/-0.618 χ^2/NDF: 513742.2/15

Left Out: 2173.507+/-1.740 χ^2/NDF:0.0/0

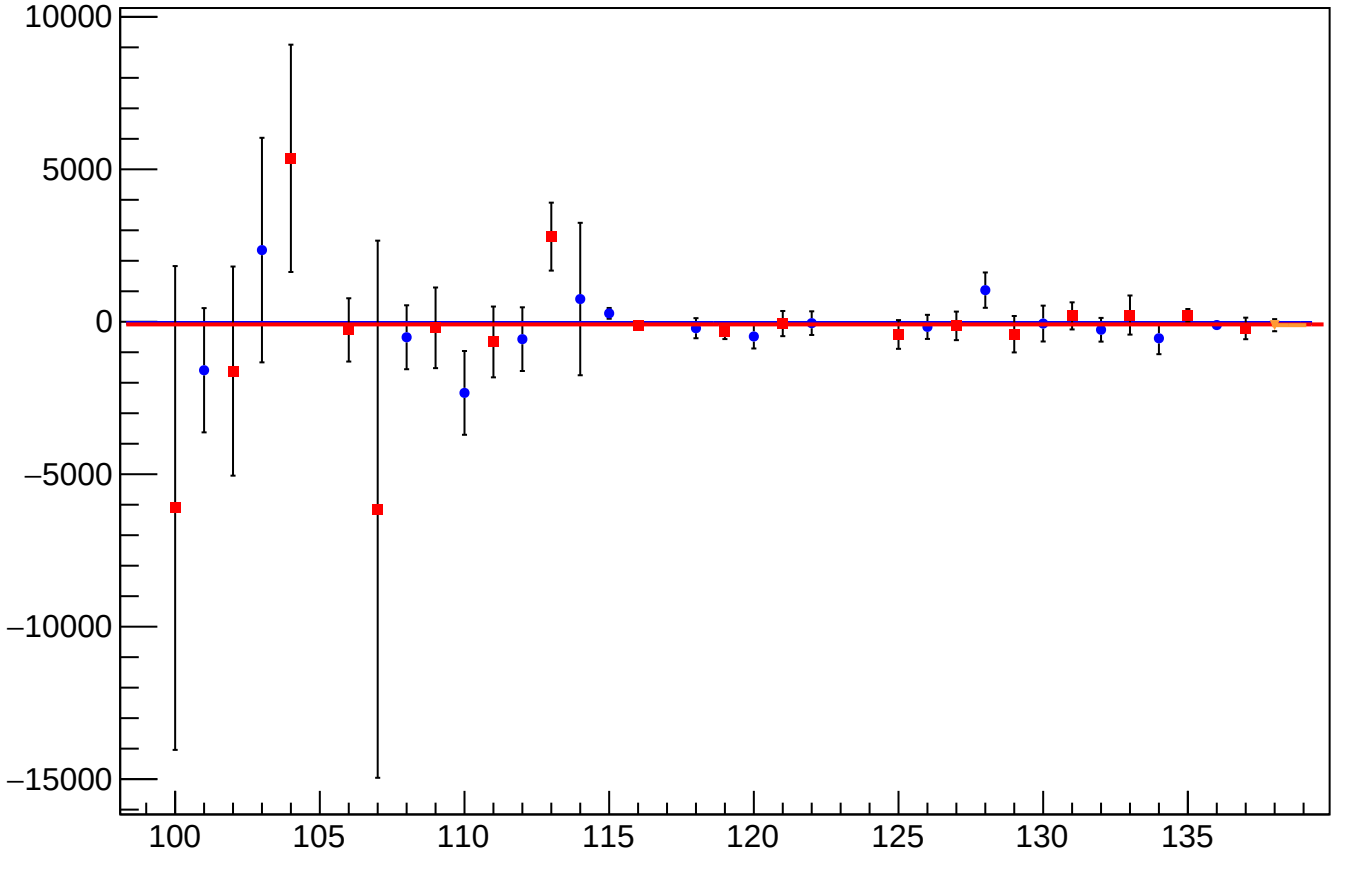
Right Out: 2331.849+/-0.618 χ^2/NDF: 167321.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2293.601+/-0.582 χ^2/NDF: 519108.0/16

All: 2311.590+/-0.424 χ^2/NDF: 688460.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -40.119+/-92.409 χ^2/NDF: 14.1/15

Left Out: -111.956+/-198.956 χ^2/NDF:0.0/0

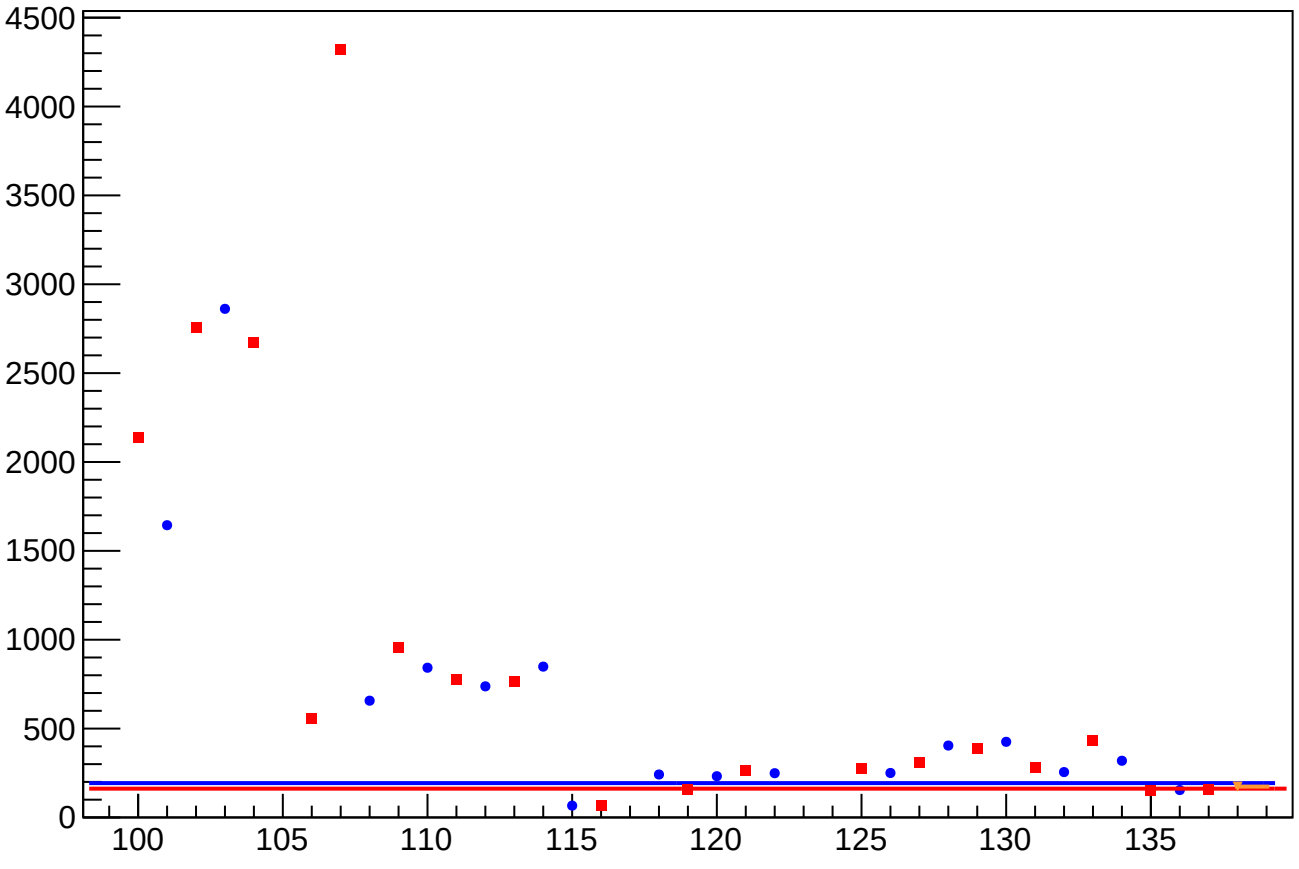
Right Out: -86.379+/-86.088 χ^2/NDF: 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -52.866+/-83.810 χ^2/NDF: 14.2/16

All: -69.173+/-60.052 χ^2/NDF: 29.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 193.255+/-0.065 χ^2/NDF: 5617847.0/15

Left Out: 173.587+/-0.141 χ^2/NDF:0.0/0

Right Out: 162.114+/-0.061 χ^2/NDF: 7070489.1/17

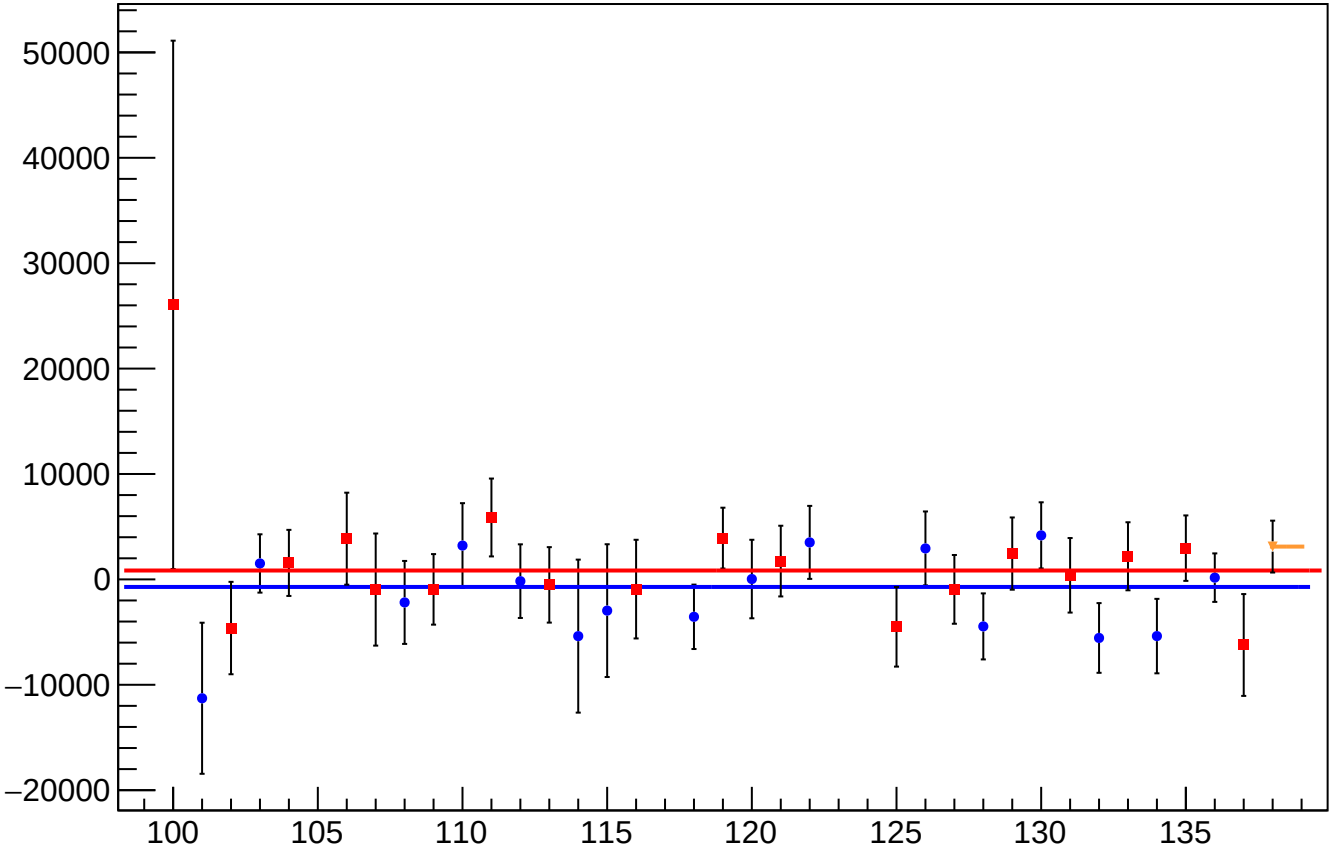
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 189.765+/-0.059 χ^2/NDF: 5633923.5/16

All: 176.310+/-0.042 χ^2/NDF: 12810346.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -717.137+/-873.539 χ^2/NDF: 15.8/15

Left Out: 3111.512+/-2460.356 χ^2/NDF:0.0/0

Right Out: 842.159+/-873.586 χ^2/NDF: 12.2/17

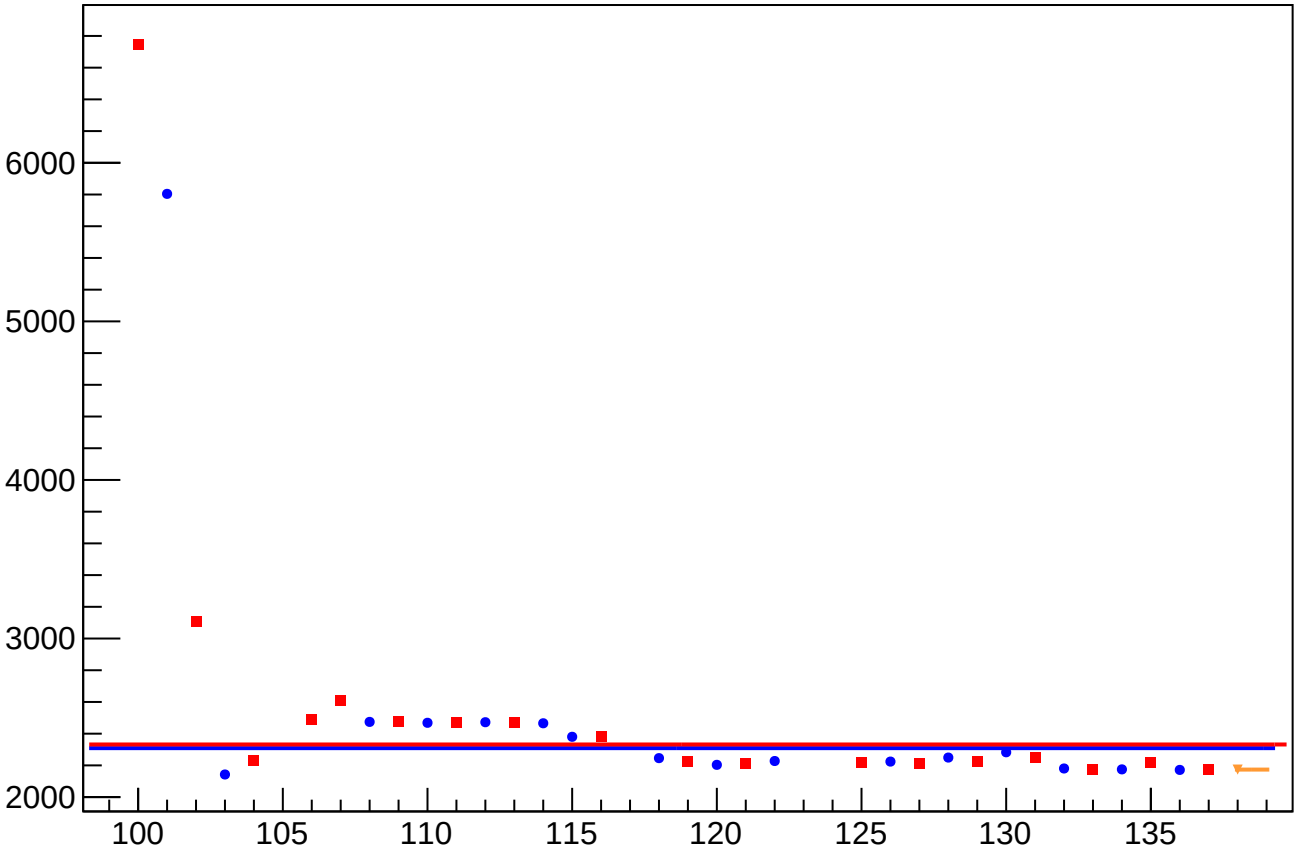
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -288.536+/-823.194 χ^2/NDF: 18.0/16

All: 243.261+/-599.109 χ^2/NDF: 31.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2308.739+/-0.618 χ^2/NDF: 513742.2/15

Left Out: 2173.507+/-1.740 χ^2/NDF:0.0/0

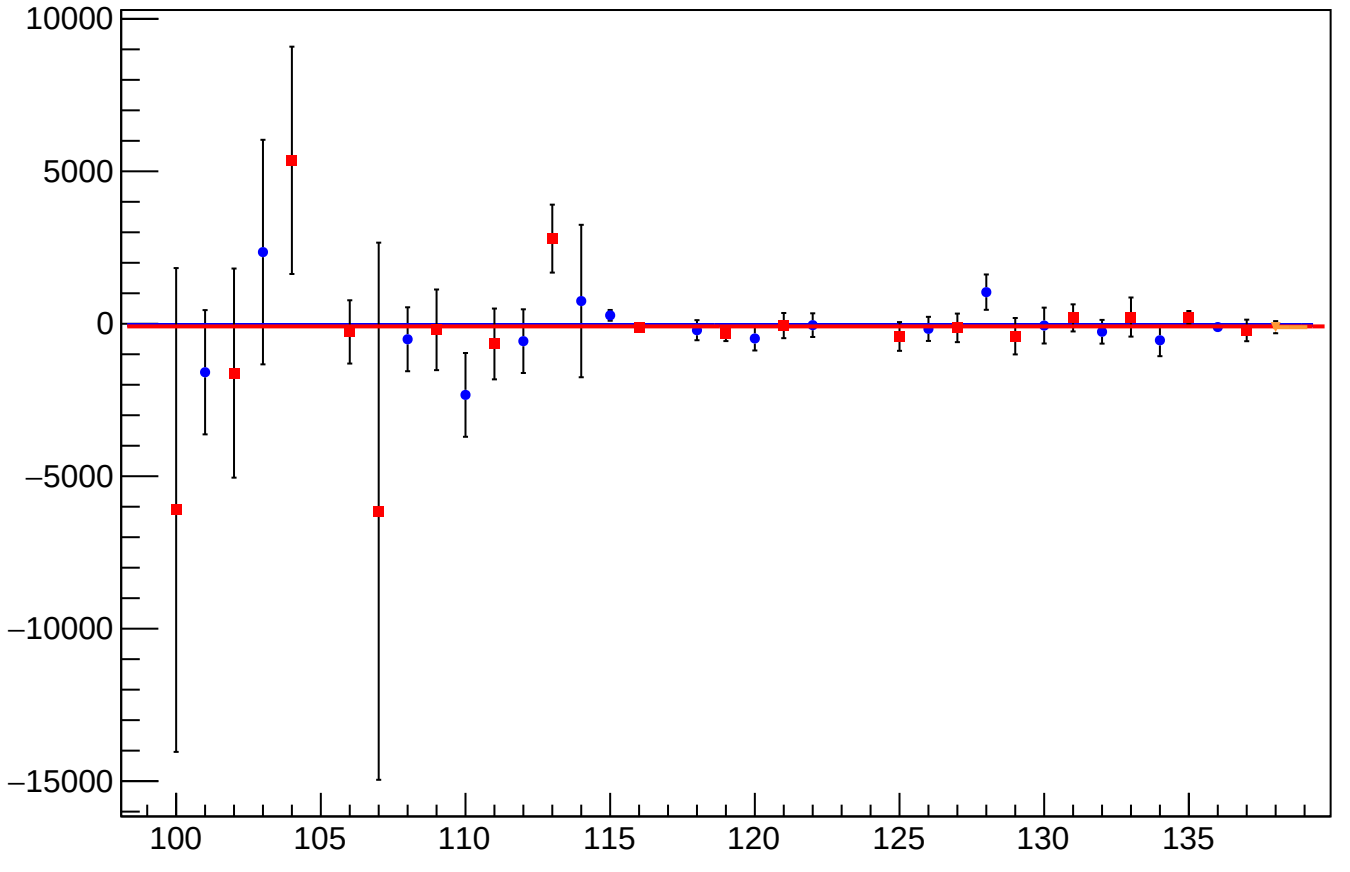
Right Out: 2331.849+/-0.618 χ^2/NDF: 167321.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2293.601+/-0.582 χ^2/NDF: 519108.1/16

All: 2311.590+/-0.424 χ^2/NDF: 688460.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -40.116+/-92.408 χ^2/NDF: 14.1/15

Left Out: -111.953+/-198.961 χ^2/NDF:0.0/0

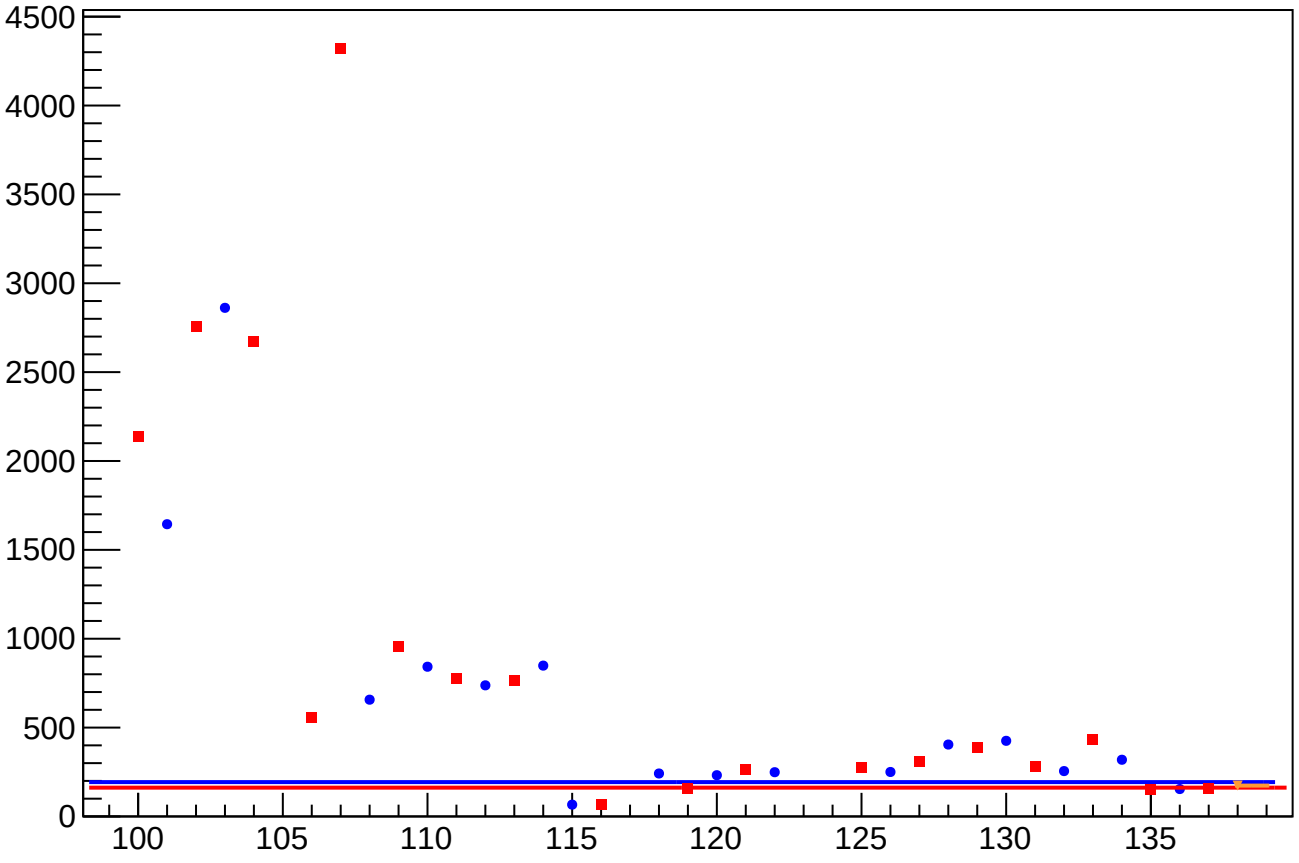
Right Out: -86.380+/-86.087 χ^2/NDF: 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -52.863+/-83.810 χ^2/NDF: 14.2/16

All: -69.172+/-60.051 χ^2/NDF: 29.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 193.253+/-0.065 χ^2/NDF: 5617884.1/15

Left Out: 173.592+/-0.141 χ^2/NDF:0.0/0

Right Out: 162.112+/-0.061 χ^2/NDF: 7070547.9/17

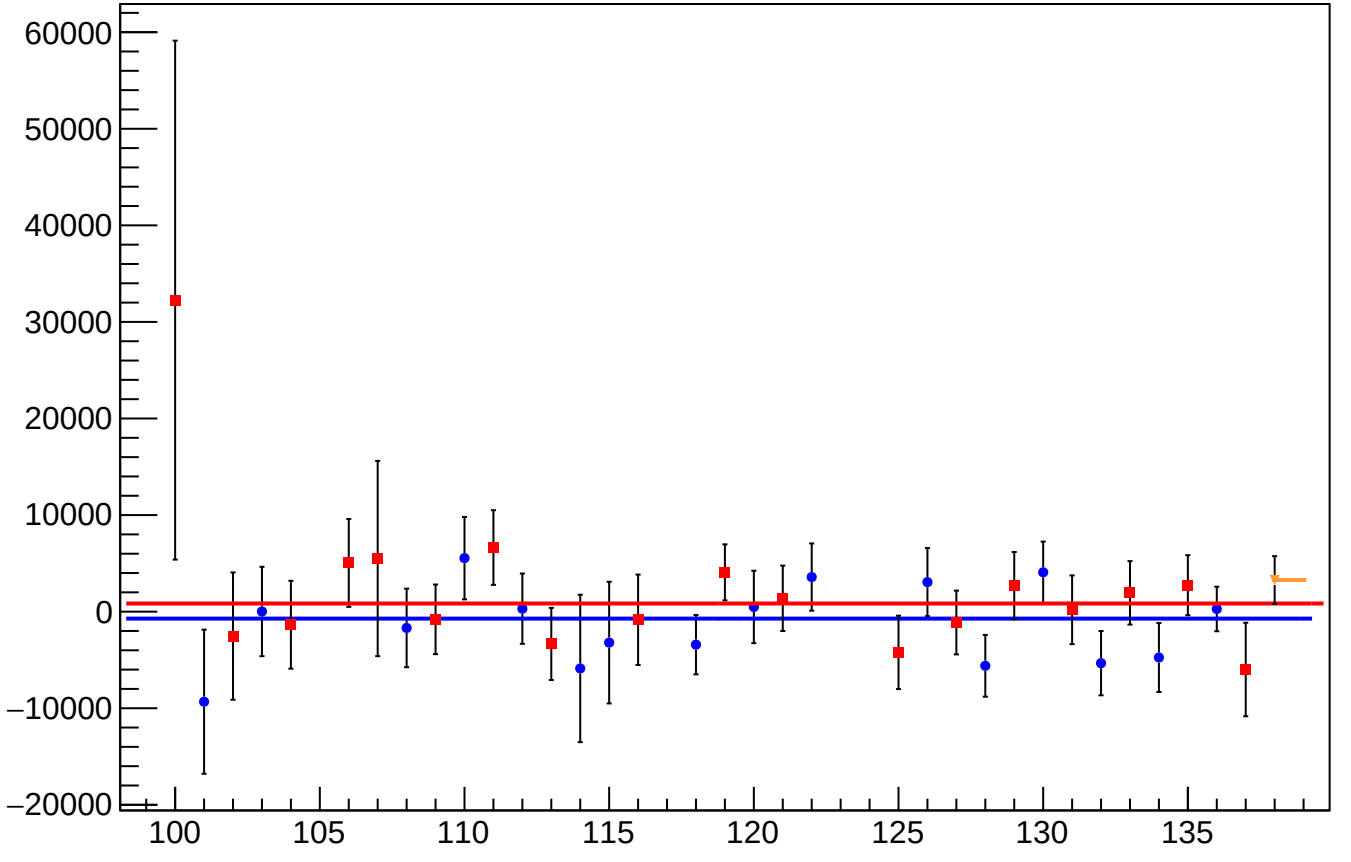
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 189.764+/-0.059 χ^2/NDF: 5633949.5/16

All: 176.309+/-0.042 χ^2/NDF: 12810442.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -719.565+/-916.228 χ^2/NDF: 15.8/15

Left Out: 3278.080+/-2467.599 χ^2/NDF:0.0/0

Right Out: 844.810+/-928.703 χ^2/NDF: 12.9/17

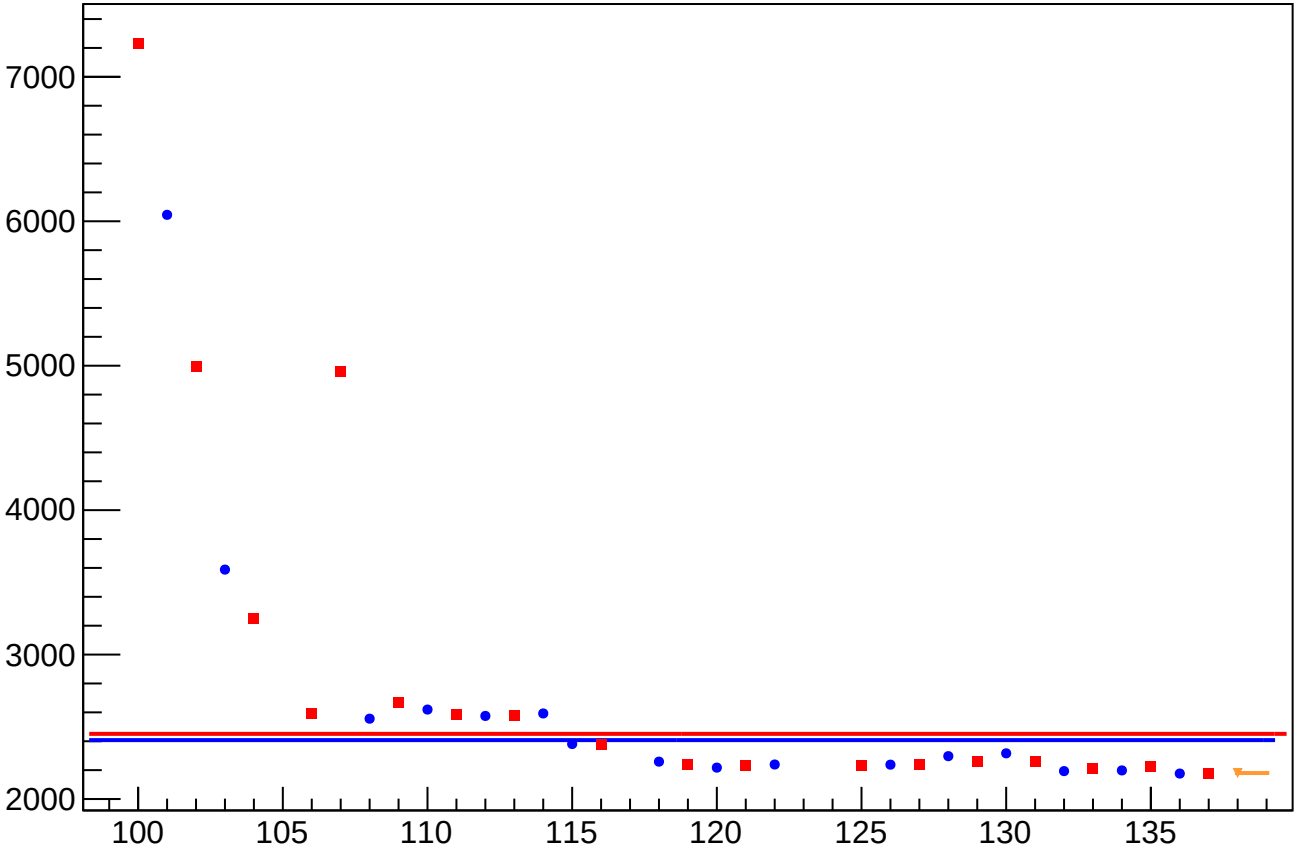
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -235.202+/-858.930 χ^2/NDF: 18.1/16

All: 262.715+/-630.581 χ^2/NDF: 31.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2407.795+/-0.648 χ^2/NDF: 676891.3/15

Left Out: 2179.906+/-1.745 χ^2/NDF:0.0/0

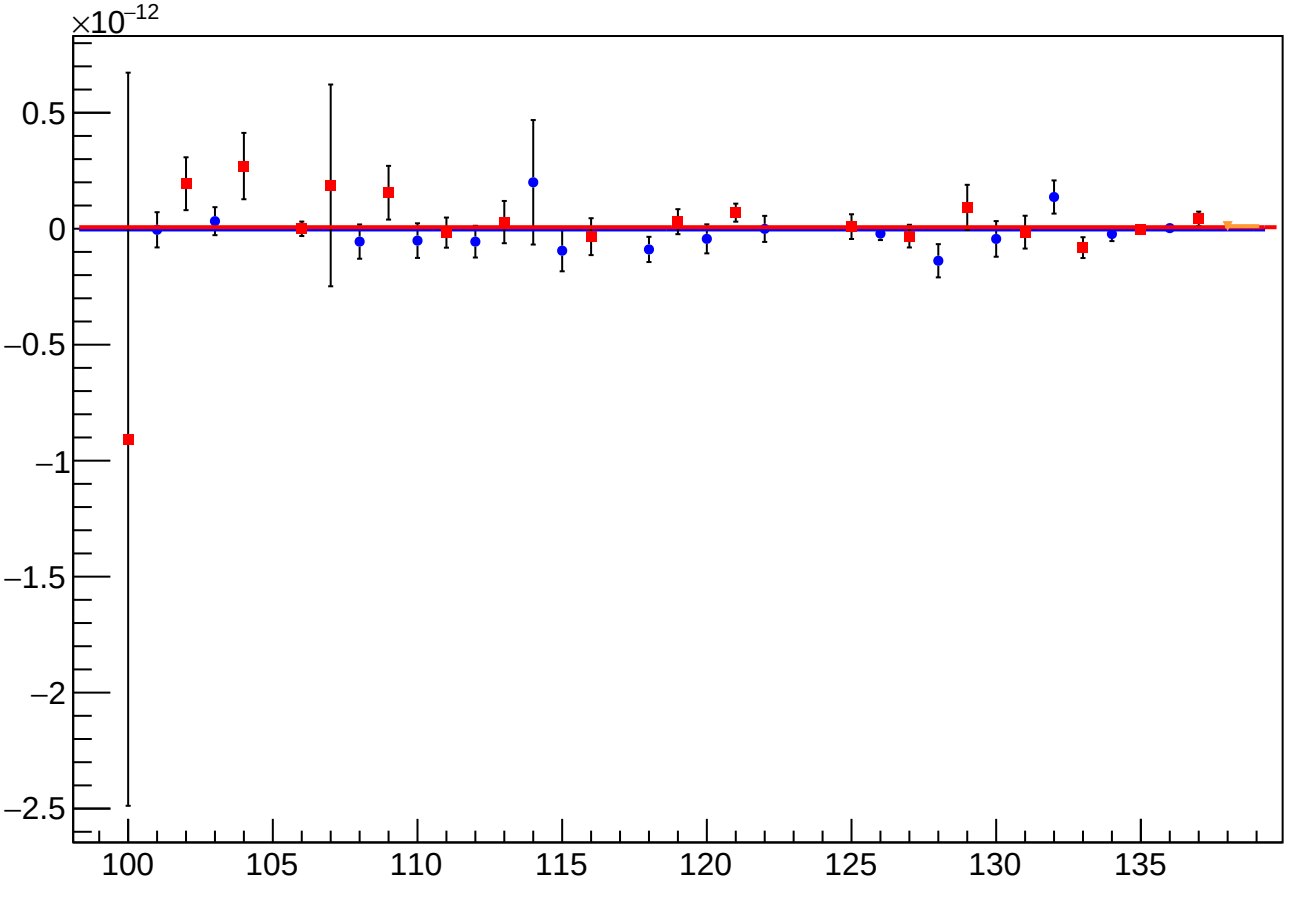
Right Out: 2451.189+/-0.657 χ^2/NDF: 633600.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2380.183+/-0.607 χ^2/NDF: 691882.4/16

All: 2412.919+/-0.446 χ^2/NDF: 1331783.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

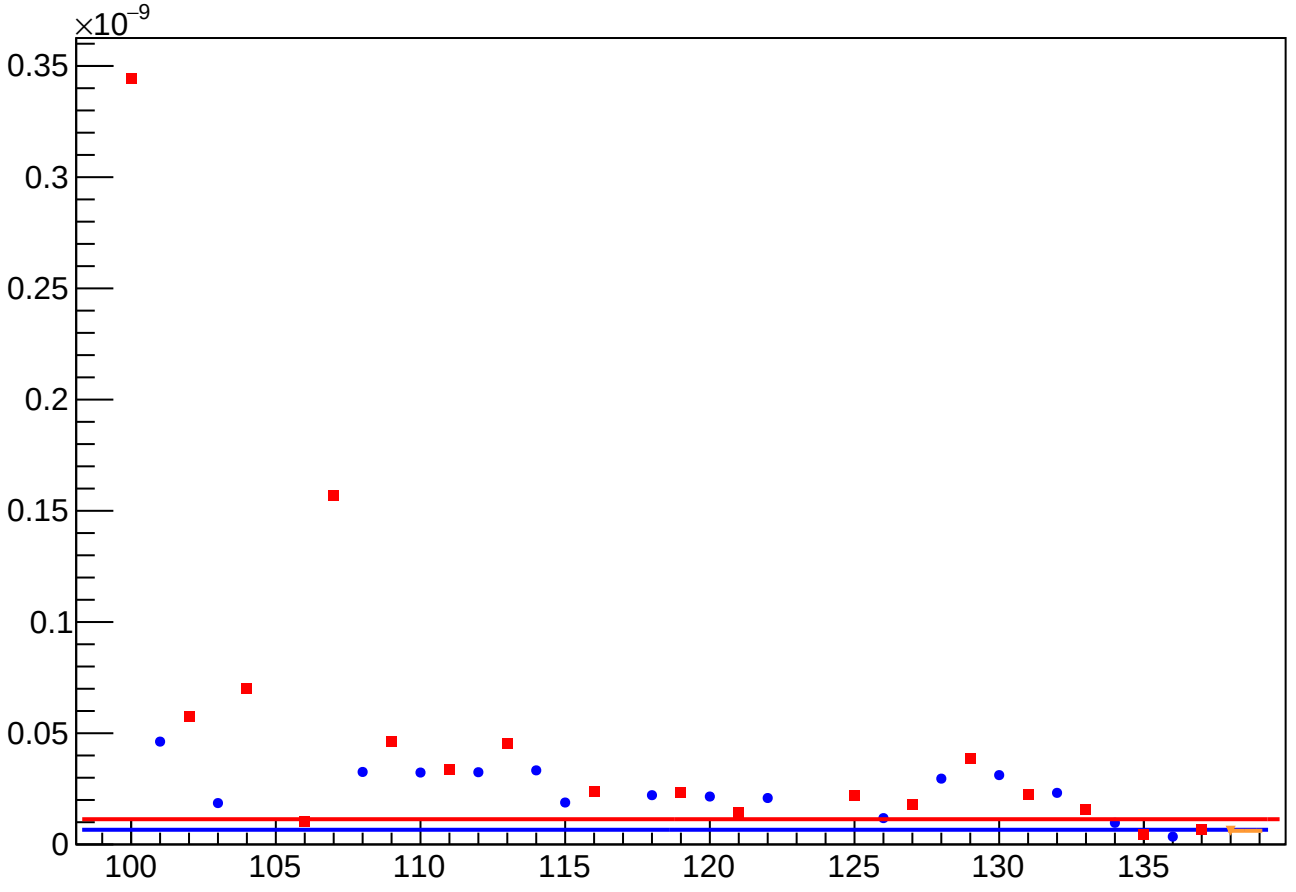
Right Out: 0.000+/-0.000 χ^2/NDF: 18.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.1/16

All: 0.000+/-0.000 χ^2/NDF: 36.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2856979.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

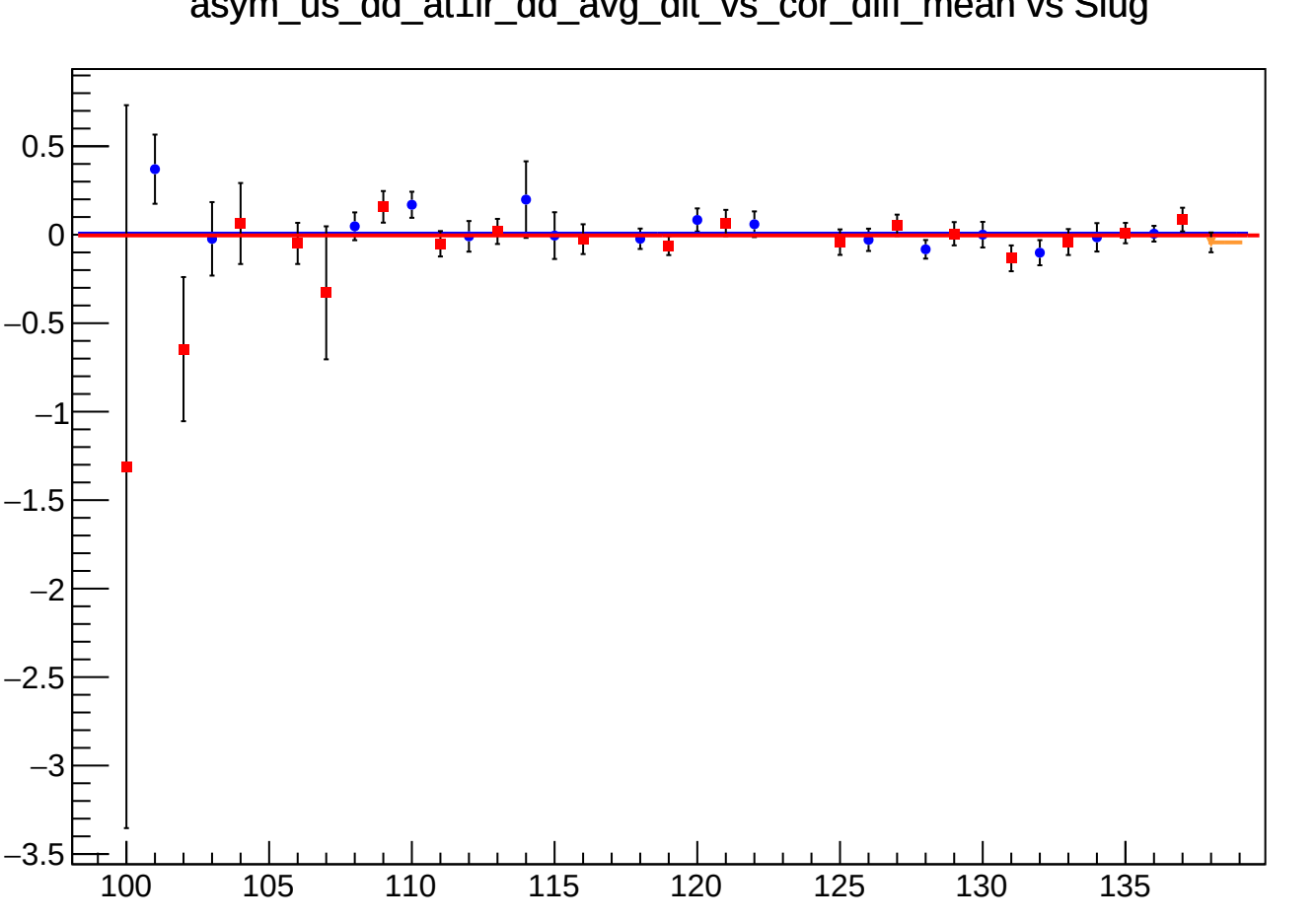
Right Out: 0.000+/-0.000 χ^2/NDF: 2697712.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2859977.7/16

All: 0.000+/-0.000 χ^2/NDF: 5943027.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.018 χ^2/NDF: 17.2/15

Left Out: -0.043+/-0.056 χ^2/NDF:0.0/0

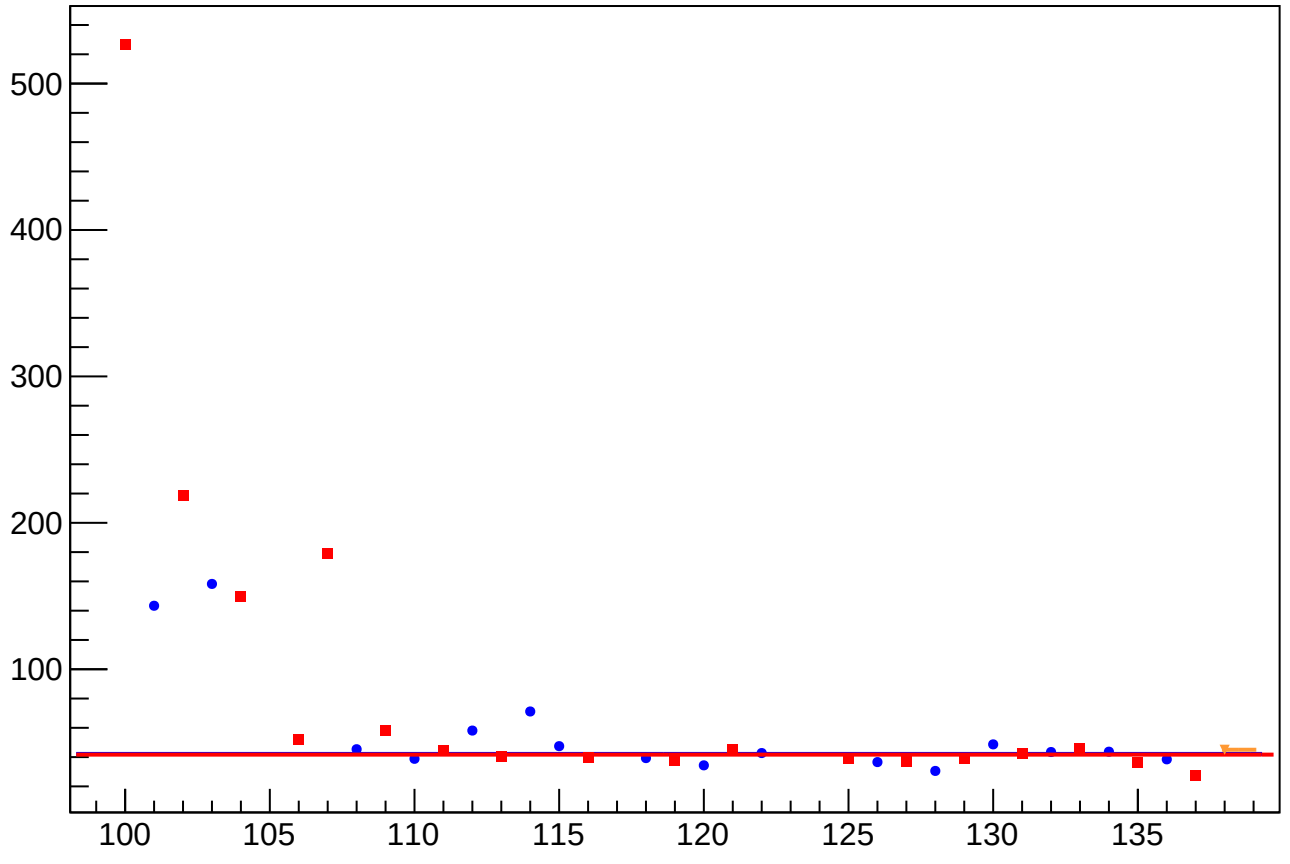
Right Out: -0.004+/-0.019 χ^2/NDF: 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.017 χ^2/NDF: 17.9/16

All: -0.001+/-0.013 χ^2/NDF: 34.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 42.165+/-0.013 χ^2/NDF: 1454378.8/15

Left Out: 45.024+/-0.040 χ^2/NDF:0.0/0

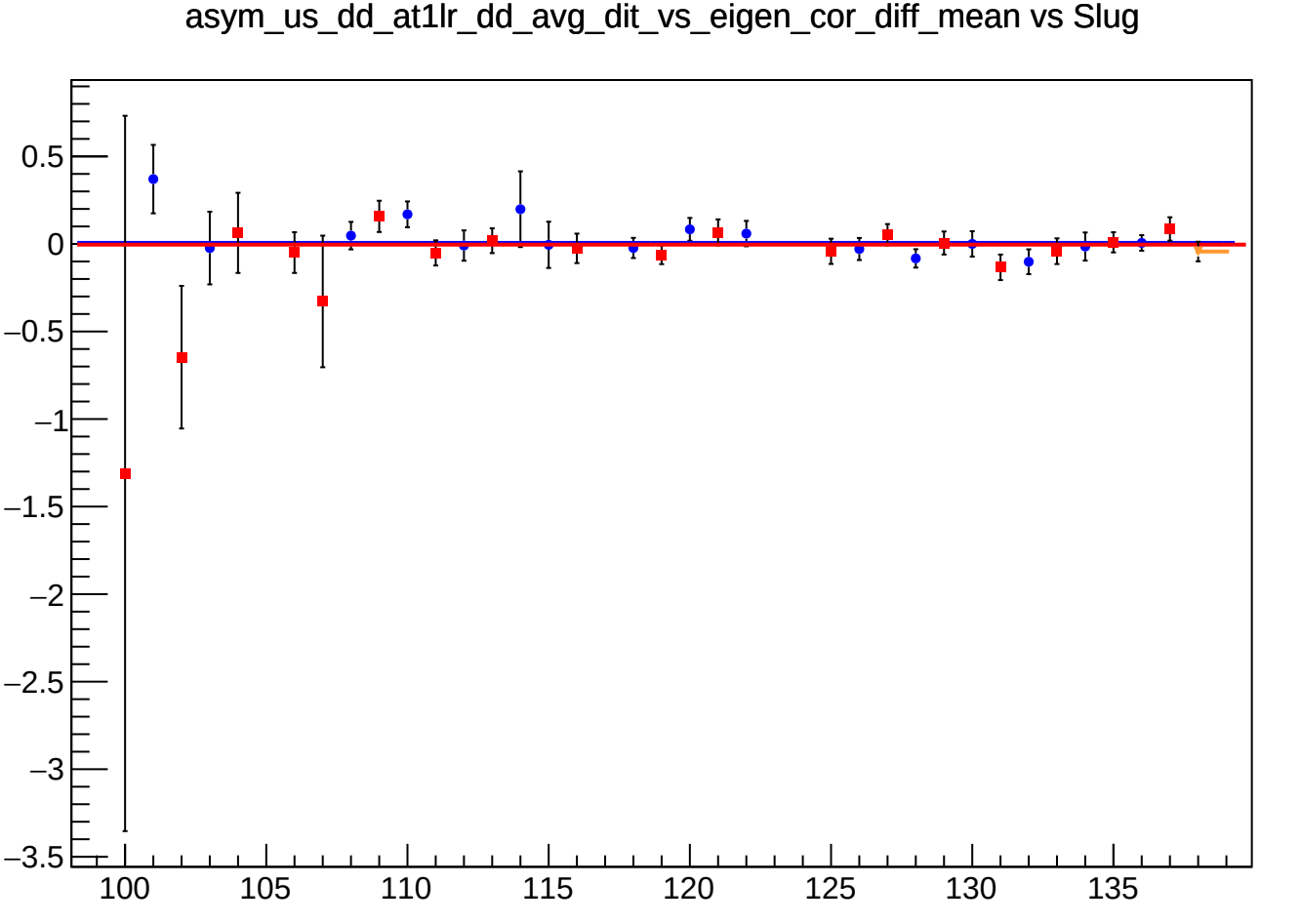
Right Out: 41.692+/-0.013 χ^2/NDF: 1441204.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.441+/-0.012 χ^2/NDF: 1459100.7/16

All: 42.092+/-0.009 χ^2/NDF: 2902039.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.018 χ^2/NDF: 17.2/15

Left Out: -0.043+/-0.056 χ^2/NDF:0.0/0

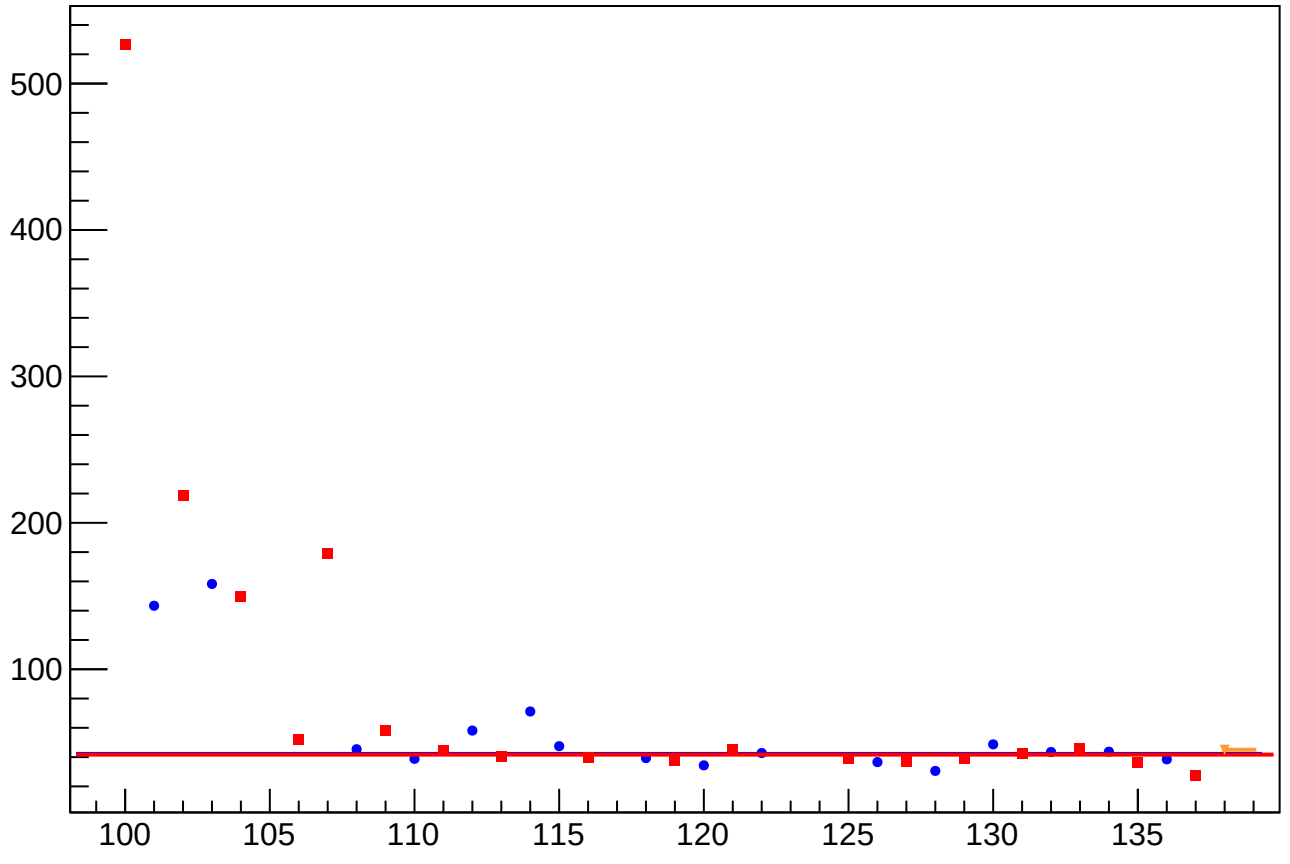
Right Out: -0.004+/-0.019 χ^2/NDF: 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.017 χ^2/NDF: 17.9/16

All: -0.001+/-0.013 χ^2/NDF: 34.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 42.165+/-0.013 χ^2/NDF: 1454378.8/15

Left Out: 45.024+/-0.040 χ^2/NDF:0.0/0

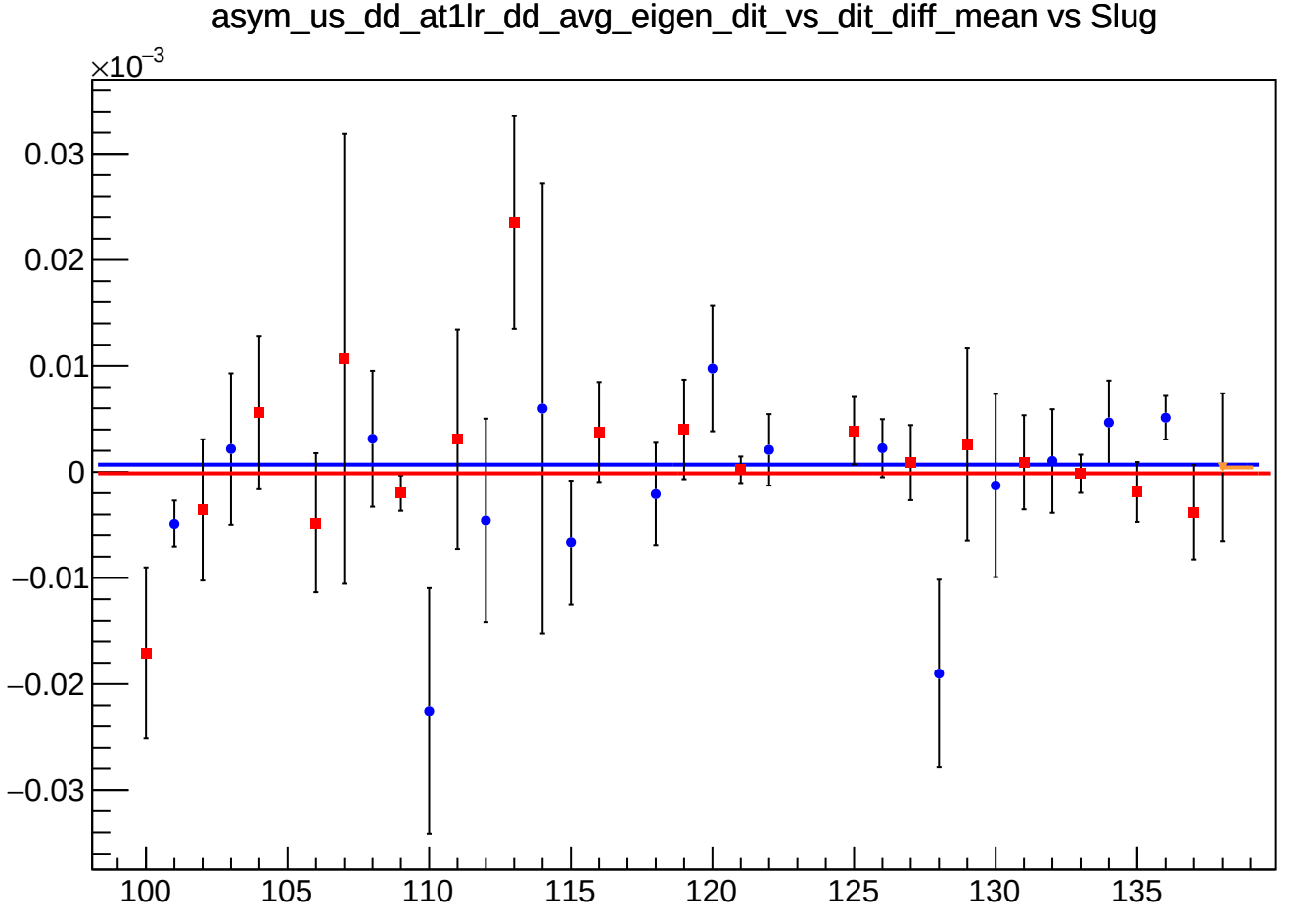
Right Out: 41.692+/-0.013 χ^2/NDF: 1441204.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.441+/-0.012 χ^2/NDF: 1459100.7/16

All: 42.092+/-0.009 χ^2/NDF: 2902039.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 26.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

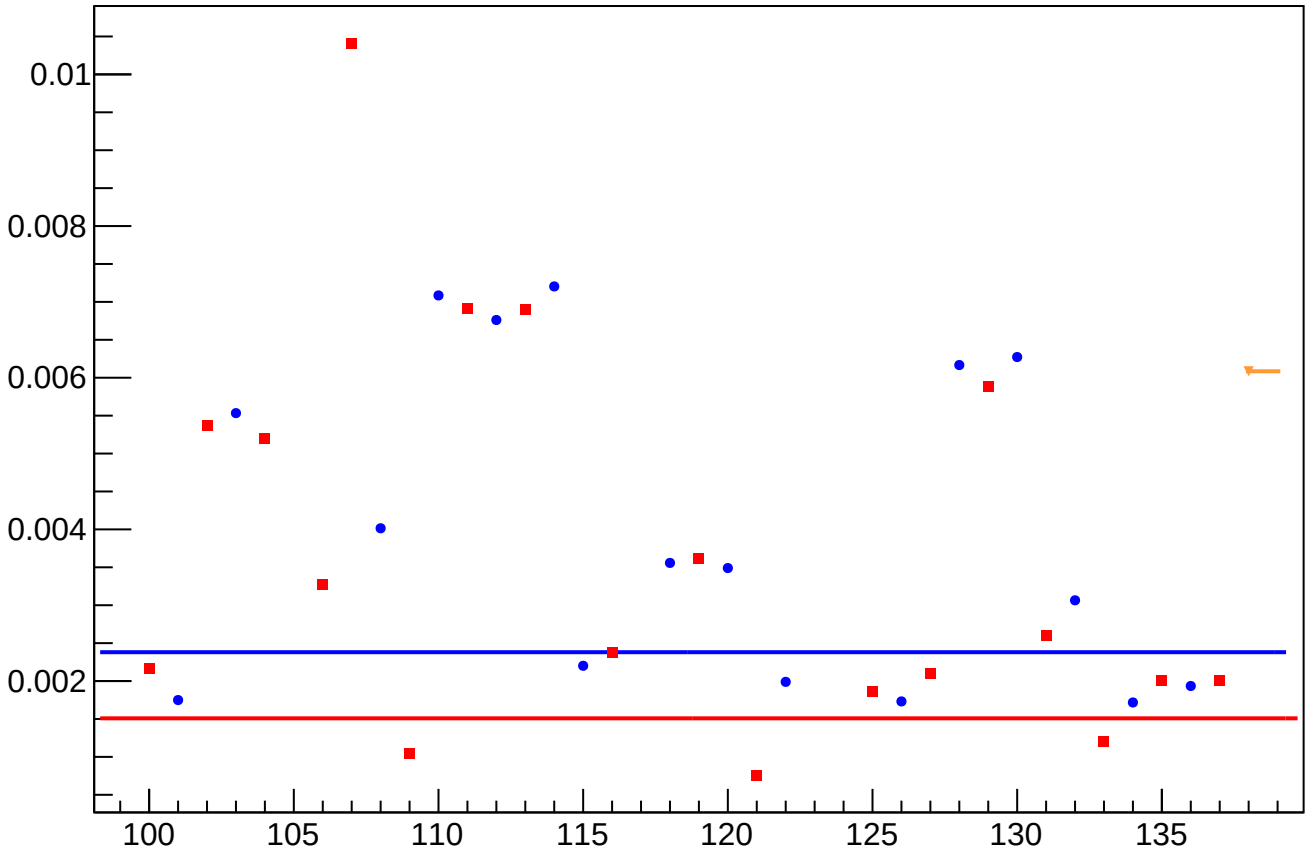
Right Out: -0.000+/-0.000 χ^2/NDF: 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 26.5/16

All: 0.000+/-0.000 χ^2/NDF: 44.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 2832488.0/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

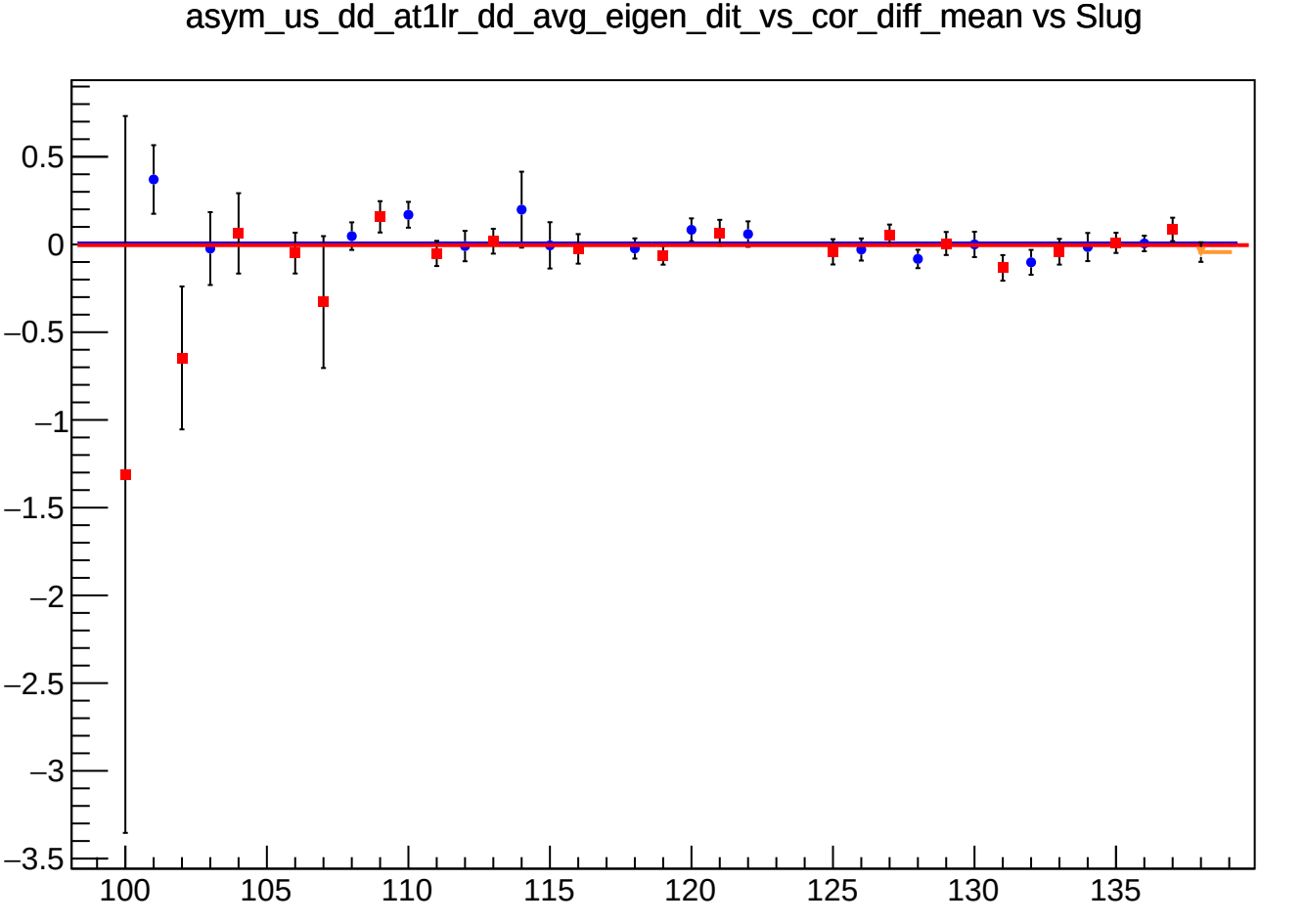
Right Out: 0.002+/-0.000 χ^2/NDF: 5001667.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 3382428.1/16

All: 0.002+/-0.000 χ^2/NDF: 9558260.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.018 χ^2/NDF: 17.2/15

Left Out: -0.043+/-0.056 χ^2/NDF:0.0/0

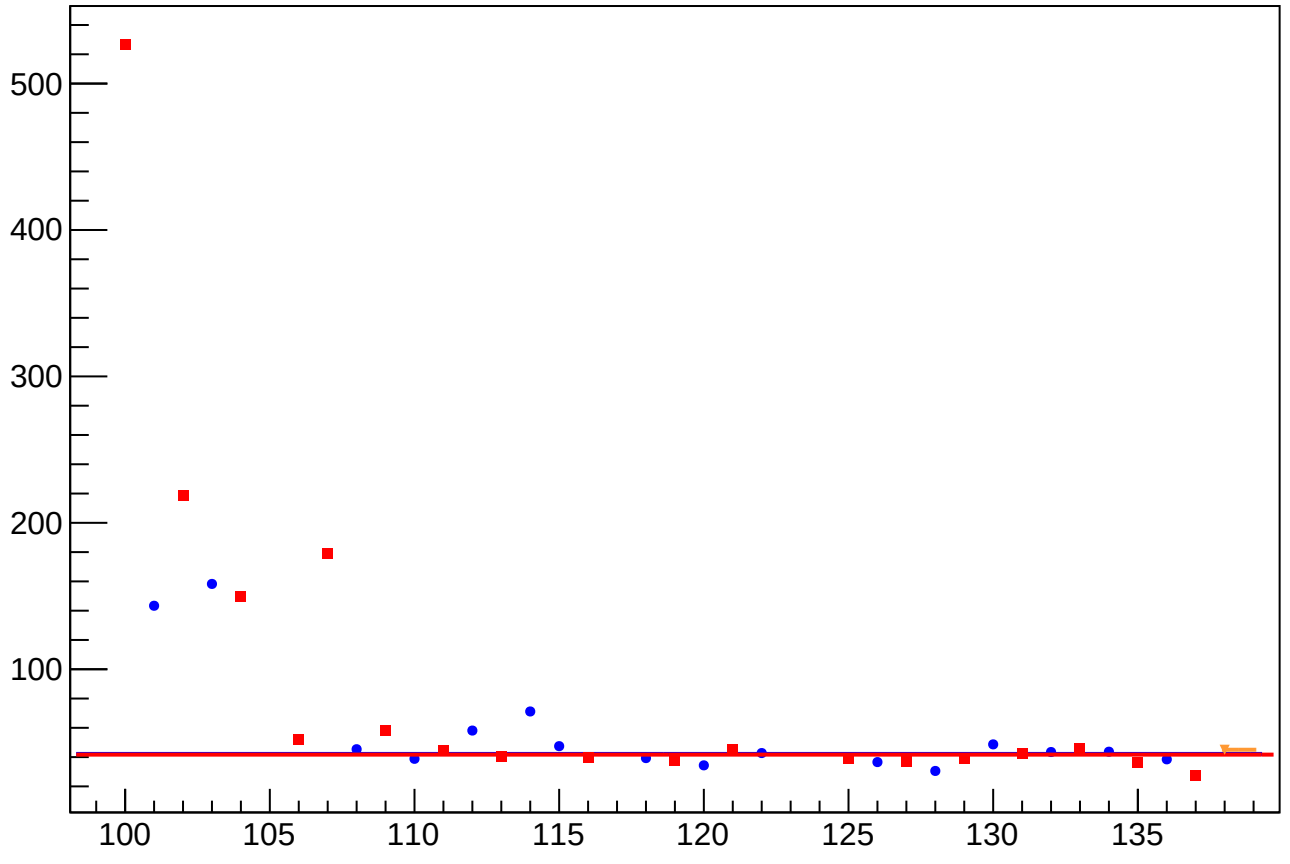
Right Out: -0.004+/-0.019 χ^2/NDF: 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.017 χ^2/NDF: 17.9/16

All: -0.001+/-0.013 χ^2/NDF: 34.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 42.163+/-0.013 χ^2/NDF: 1454592.8/15

Left Out: 45.023+/-0.040 χ^2/NDF:0.0/0

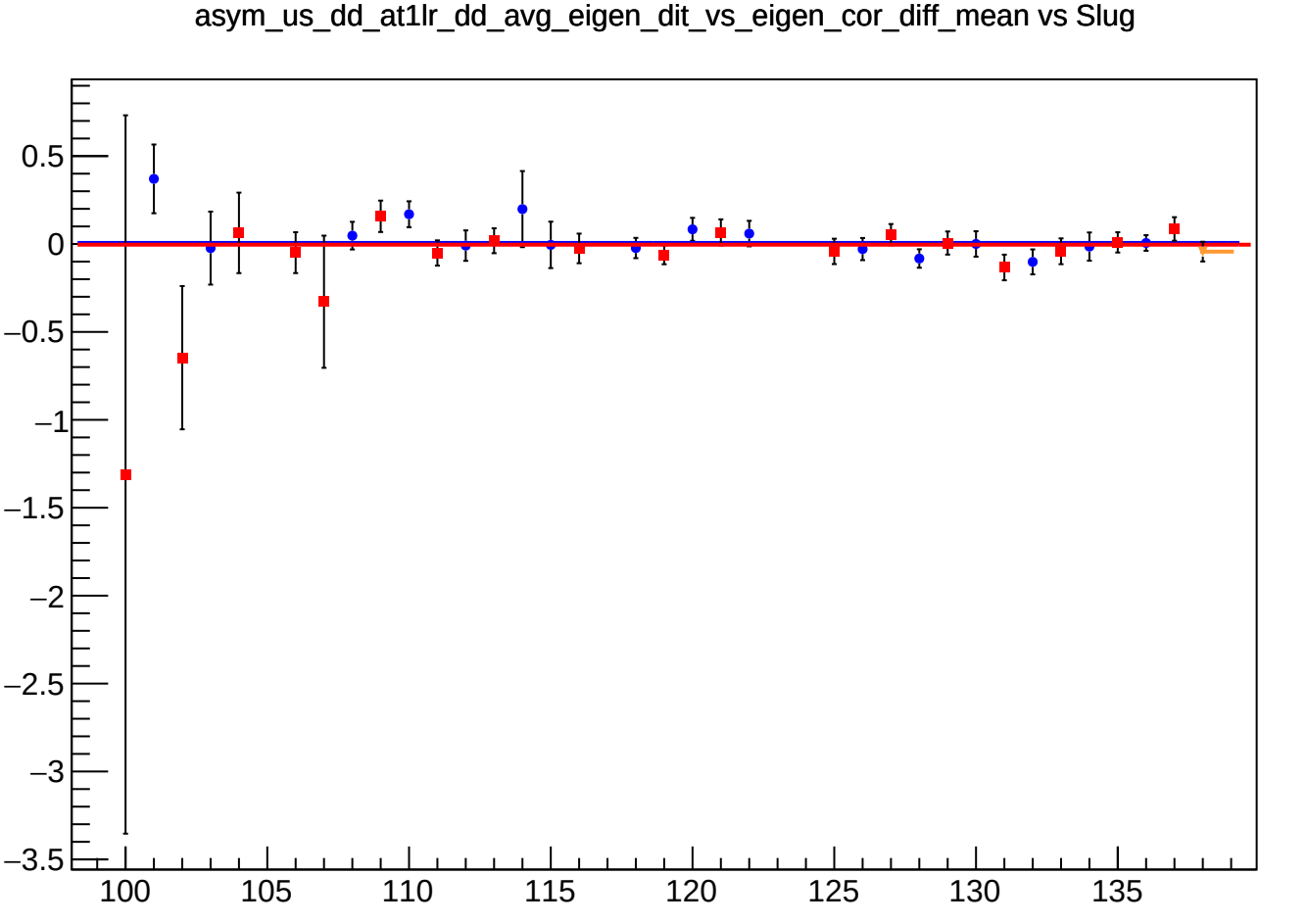
Right Out: 41.692+/-0.013 χ^2/NDF: 1441185.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.438+/-0.012 χ^2/NDF: 1459319.6/16

All: 42.091+/-0.009 χ^2/NDF: 2902226.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.018 χ^2/NDF: 17.2/15

Left Out: -0.043+/-0.056 χ^2/NDF:0.0/0

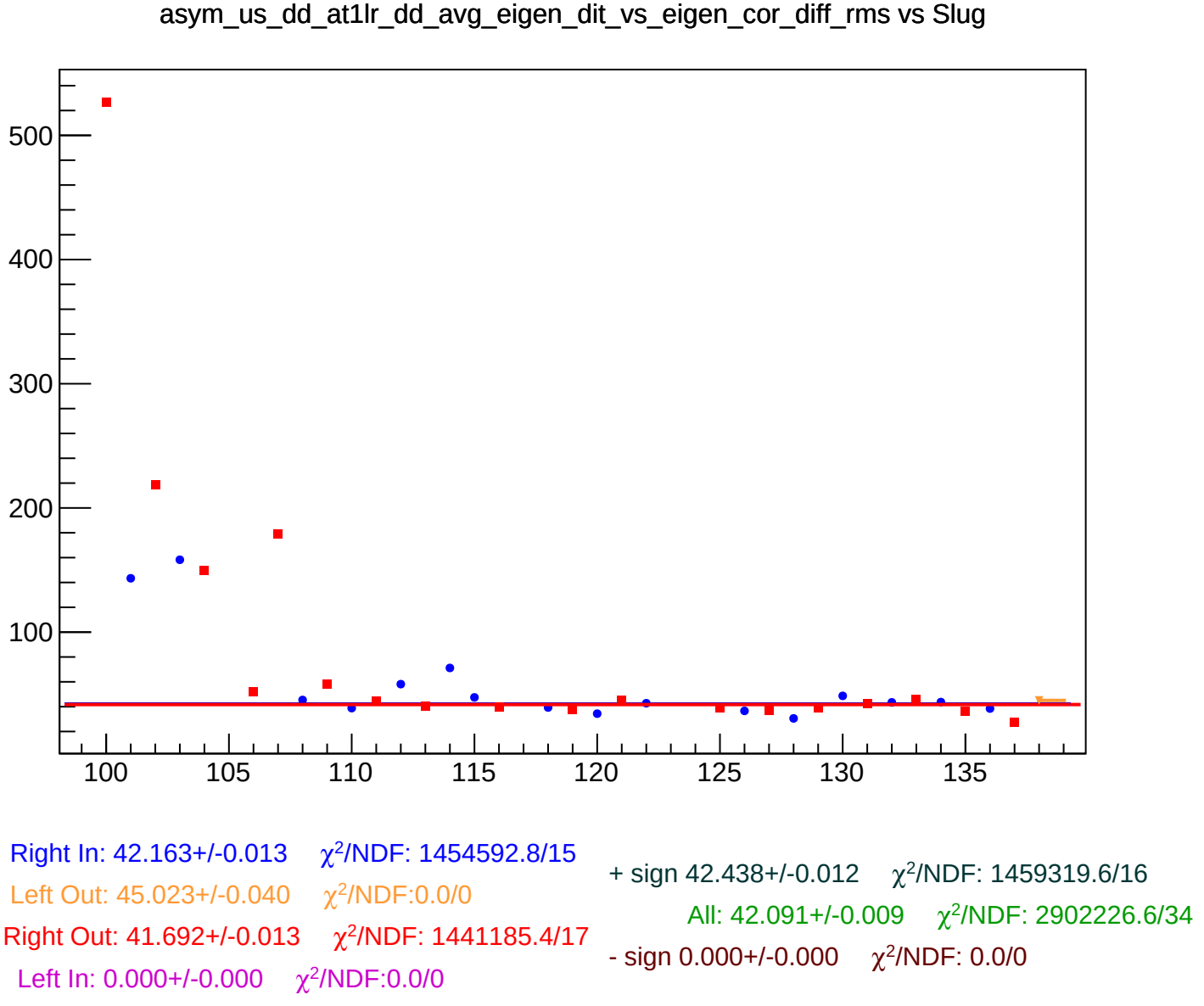
Right Out: -0.004+/-0.019 χ^2/NDF: 16.3/17

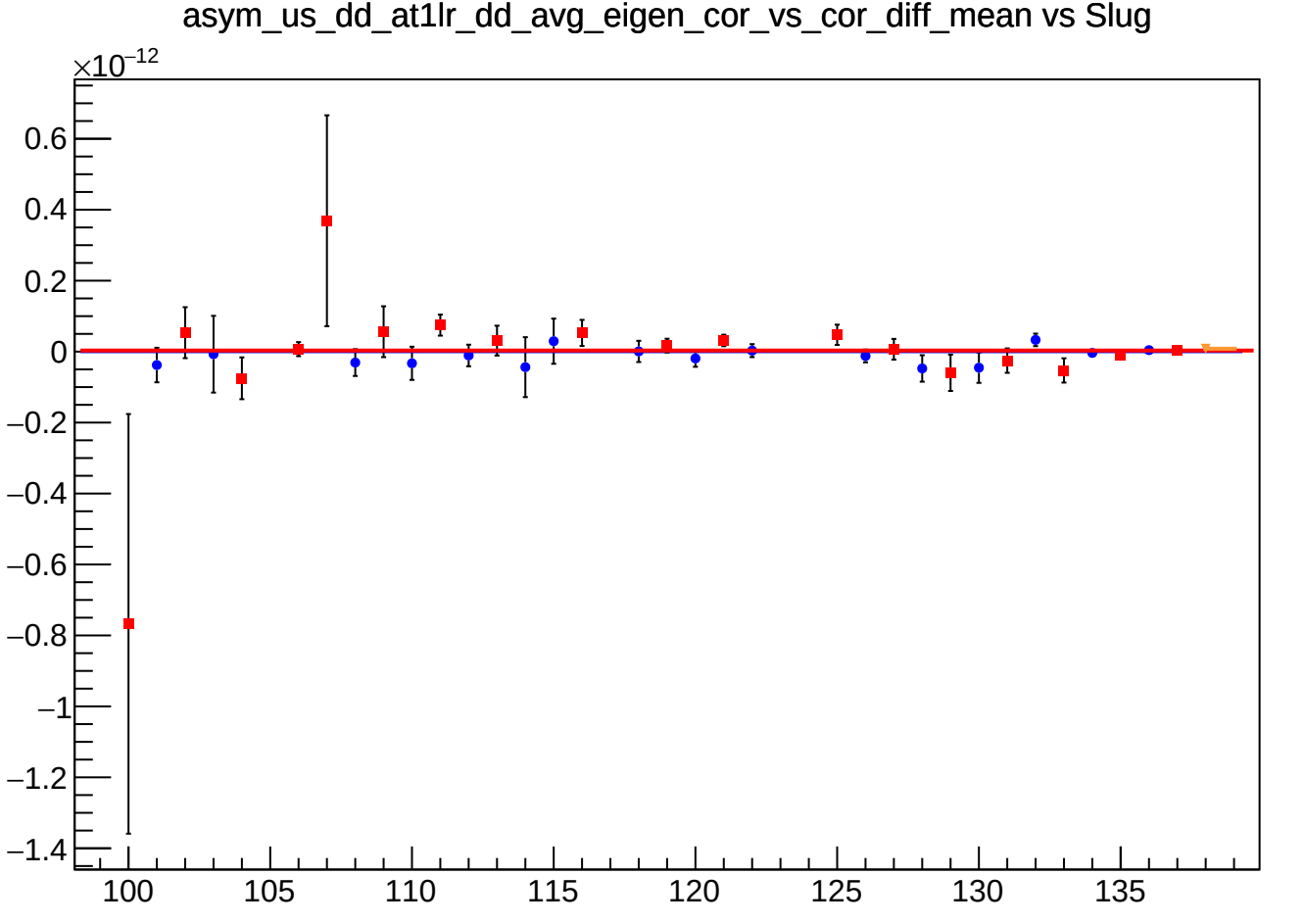
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

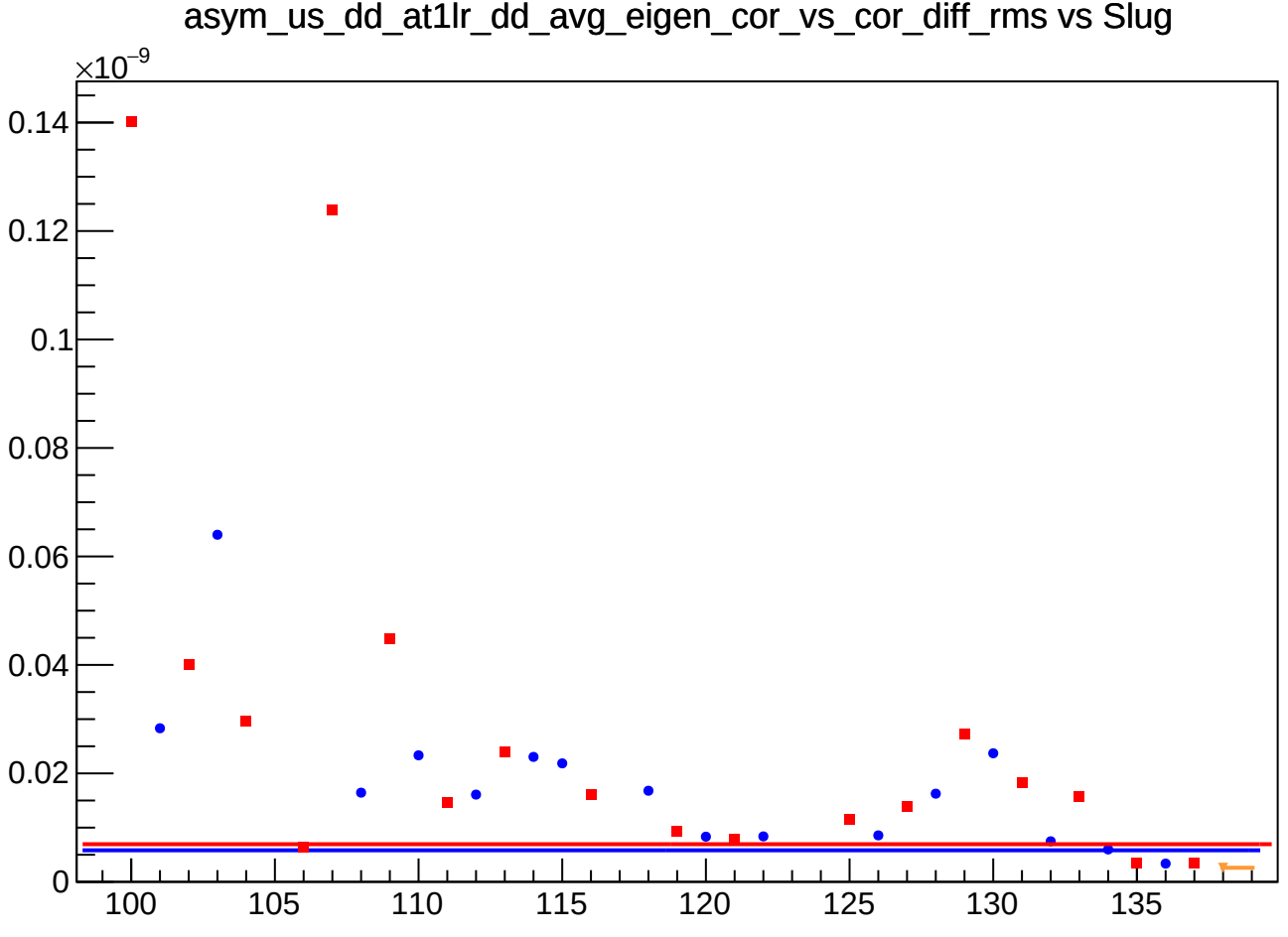
+ sign 0.001+/-0.017 χ^2/NDF: 17.9/16

All: -0.001+/-0.013 χ^2/NDF: 34.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug
500
400
300
200
100
100
105
110
115
120
125
130
135
Right In: 42.163+/-0.013 χ²/NDF: 1454592.8/15
Left Out: 45.023+/-0.040 χ²/NDF:0.0/0
Right Out: 41.692+/-0.013 χ²/NDF: 1441185.4/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 42.438+/-0.012 χ²/NDF: 1459319.6/16
All: 42.091+/-0.009 χ²/NDF: 2902226.6/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug
×10^−12
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
−1.4
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 10.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 28.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 11.9/16
All: 0.000+/-0.000 χ²/NDF: 40.7/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3296021.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3789910.8/17

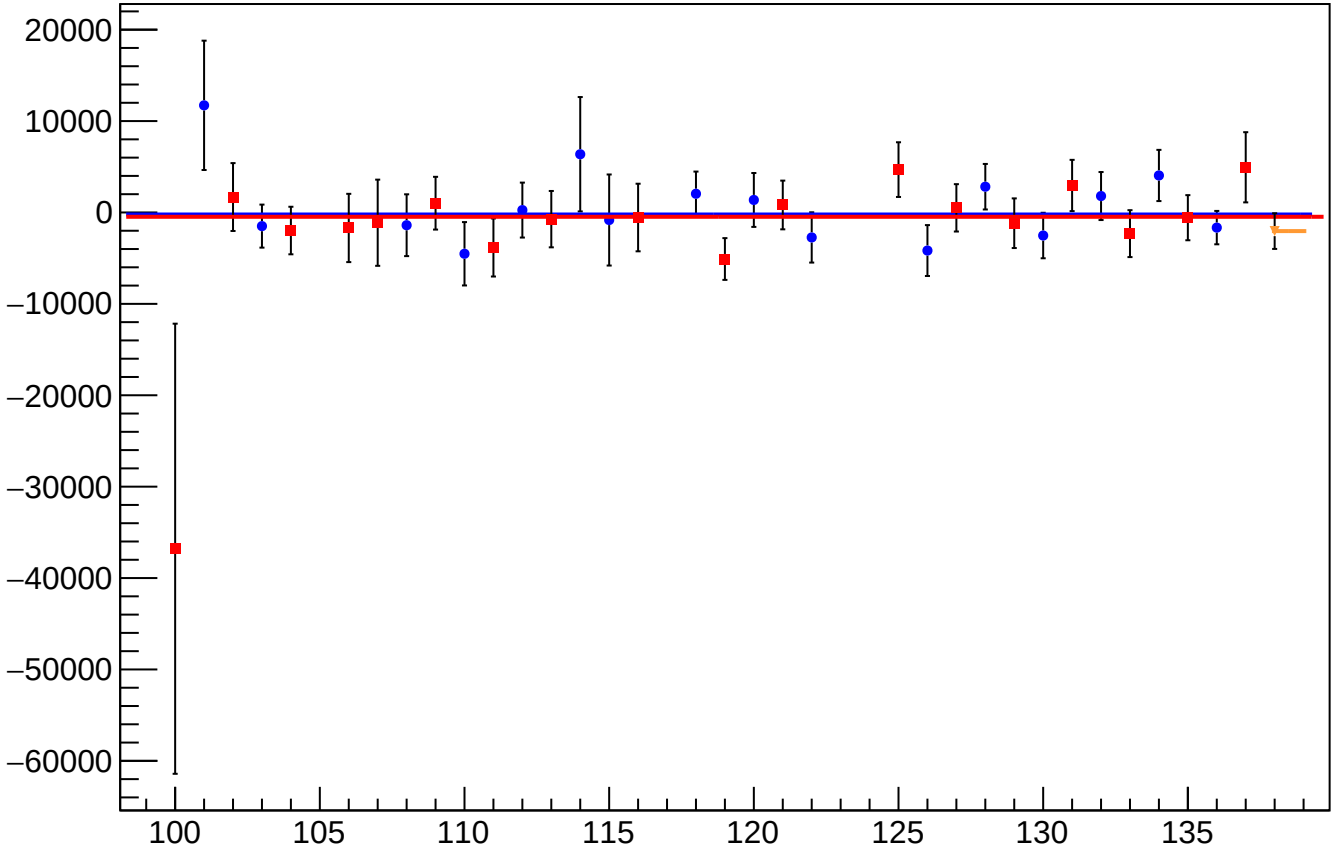
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3850545.0/16

All: 0.000+/-0.000 χ^2/NDF: 8020567.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -222.980+/-709.150 χ^2/NDF: 15.8/15

Left Out: -2037.846+/-1950.570 χ^2/NDF:0.0/0

Right Out: -472.410+/-711.475 χ^2/NDF: 15.9/17

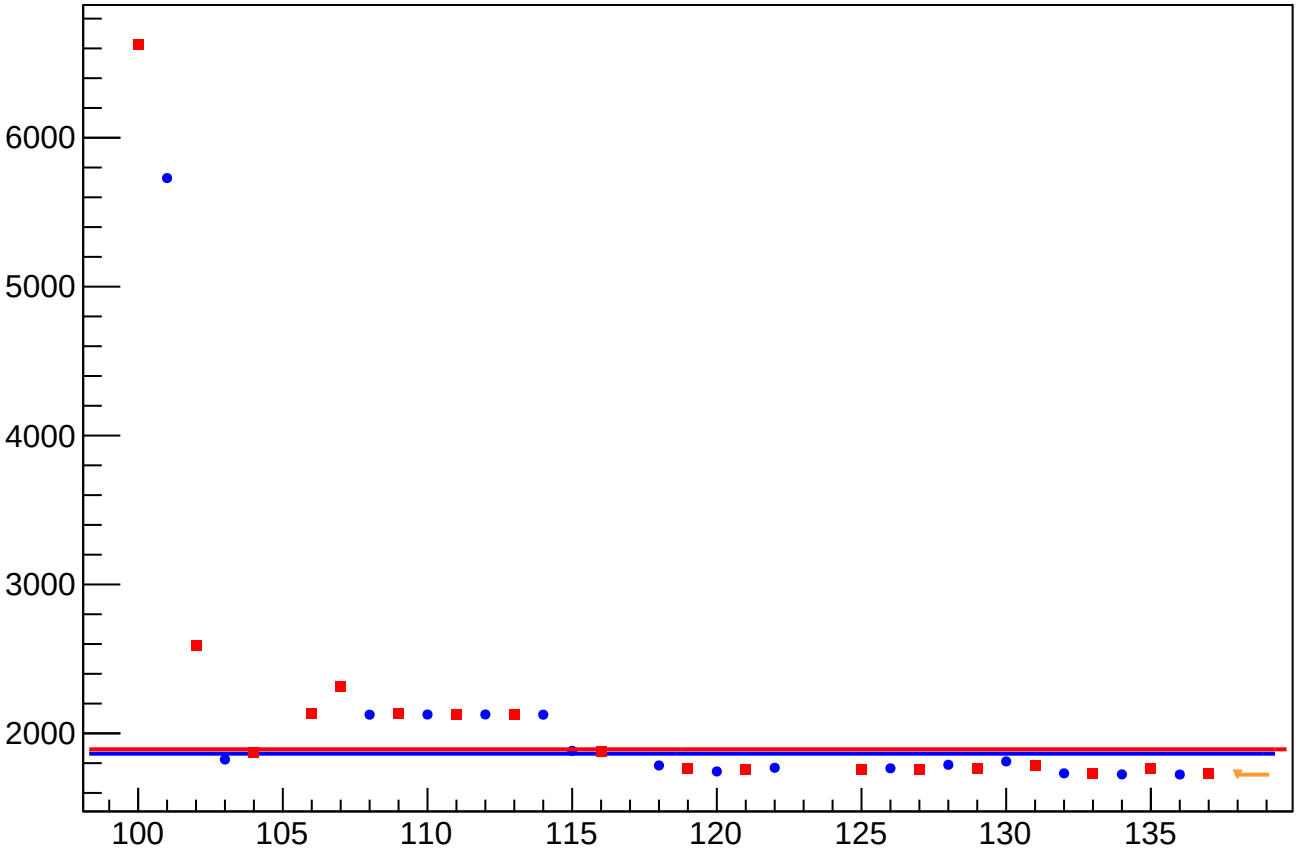
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -434.857+/-666.471 χ^2/NDF: 16.6/16

All: -452.408+/-486.399 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1863.581+/-0.501 χ^2/NDF: 674665.6/15

Left Out: 1723.152+/-1.379 χ^2/NDF:0.0/0

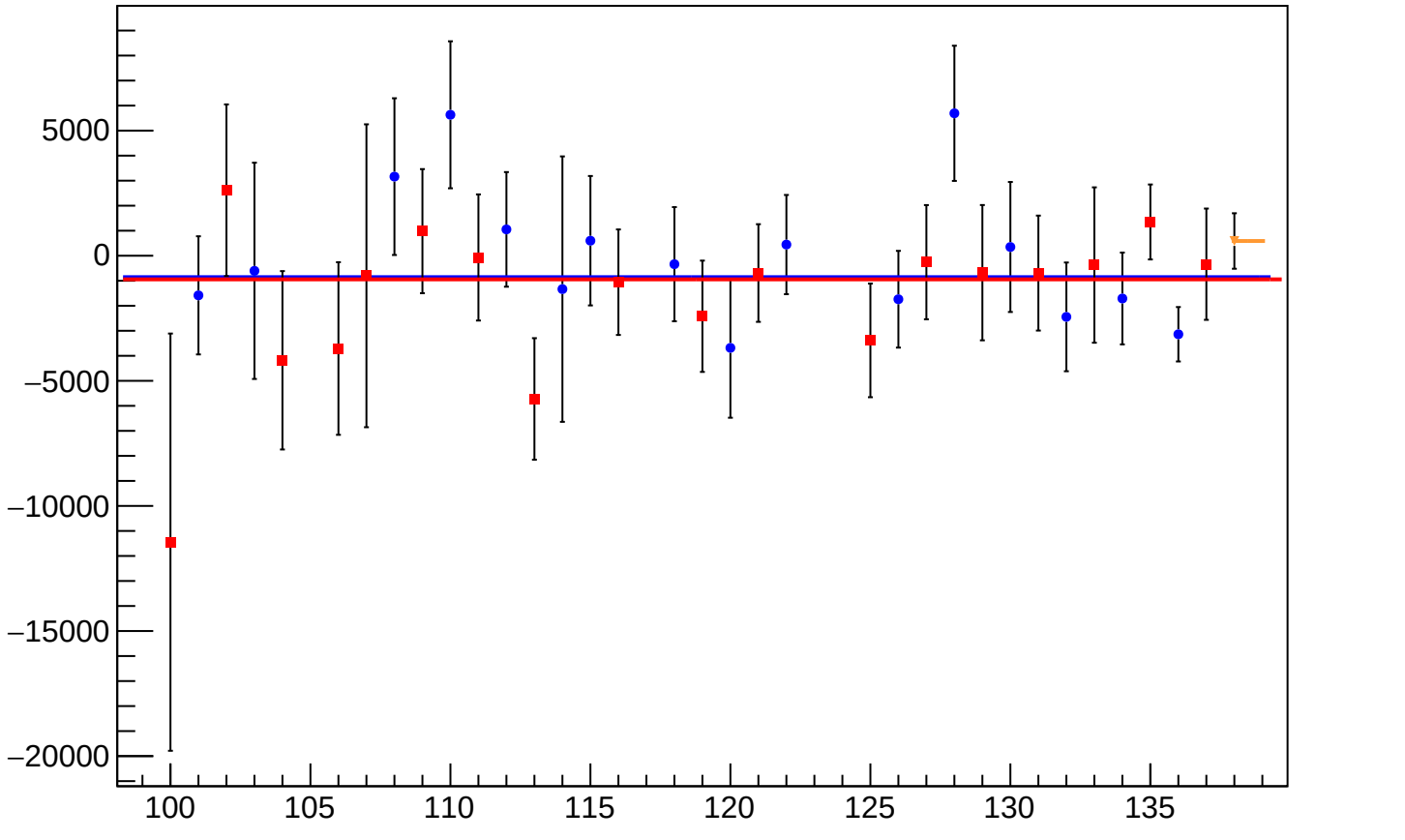
Right Out: 1892.866+/-0.503 χ^2/NDF: 251512.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1847.186+/-0.471 χ^2/NDF: 683821.5/16

All: 1868.536+/-0.344 χ^2/NDF: 939725.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -857.294+/-549.791 χ^2/NDF: 20.6/15

Left Out: 588.315+/-1108.765 χ^2/NDF:0.0/0

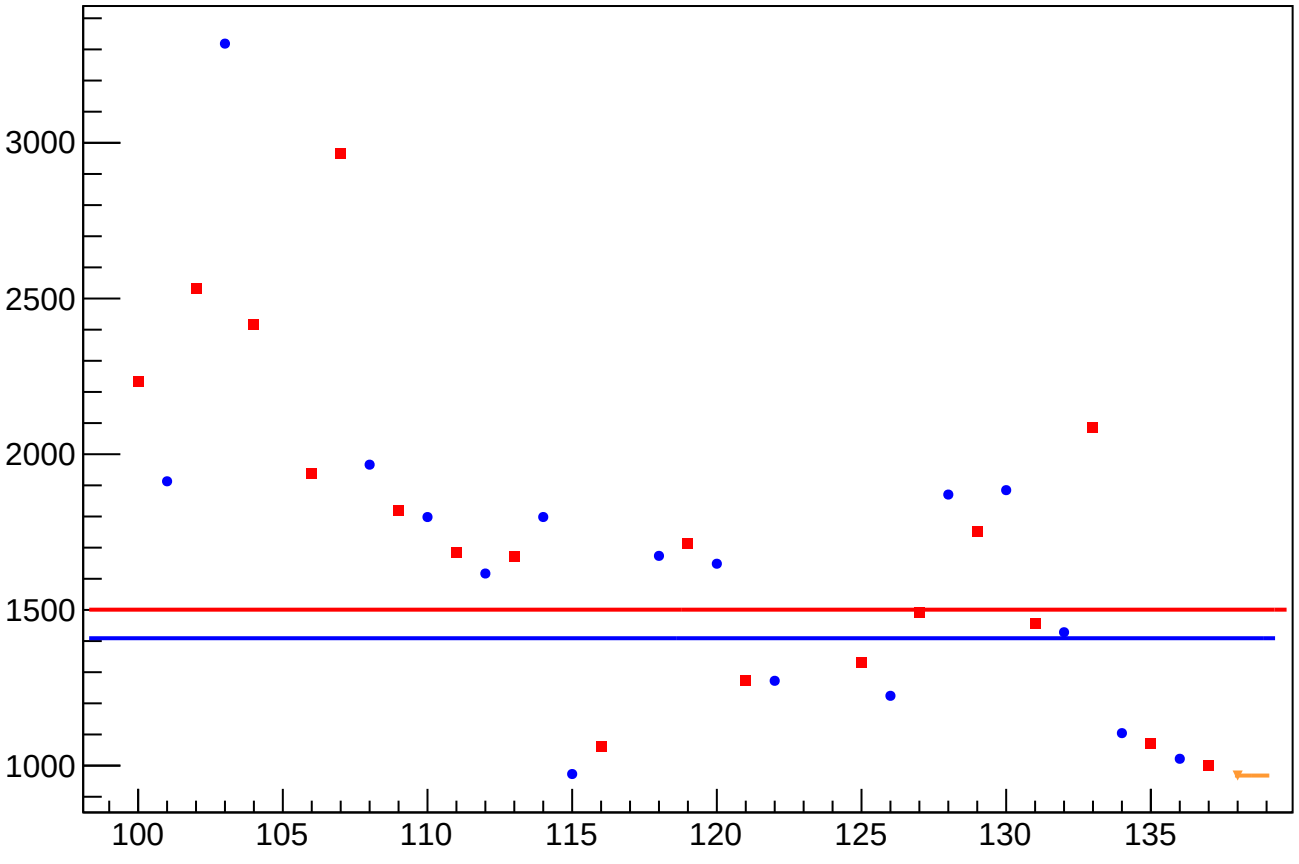
Right Out: -944.718+/-583.967 χ^2/NDF: 12.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -572.000+/-492.562 χ^2/NDF: 22.0/16

All: -726.939+/-376.512 χ^2/NDF: 35.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1409.096+/-0.389 χ^2/NDF: 1167706.6/15

Left Out: 968.093+/-0.784 χ^2/NDF:0.0/0

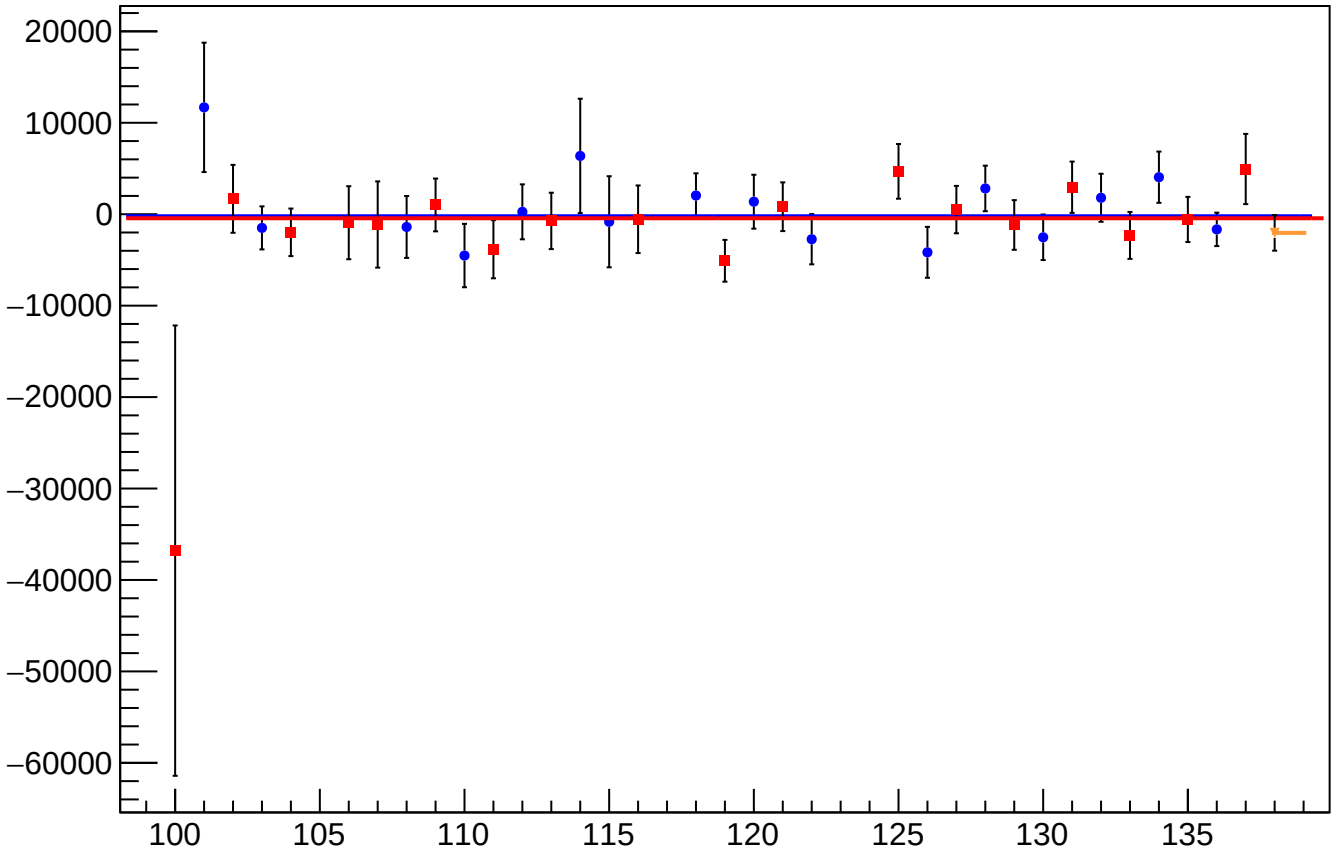
Right Out: 1500.801+/-0.413 χ^2/NDF: 1030768.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1322.063+/-0.348 χ^2/NDF: 1421663.2/16

All: 1396.364+/-0.266 χ^2/NDF: 2561908.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -223.754+/-709.151 χ^2/NDF: 15.8/15

Left Out: -2037.801+/-1950.570 χ^2/NDF:0.0/0

Right Out: -443.022+/-713.098 χ^2/NDF: 15.8/17

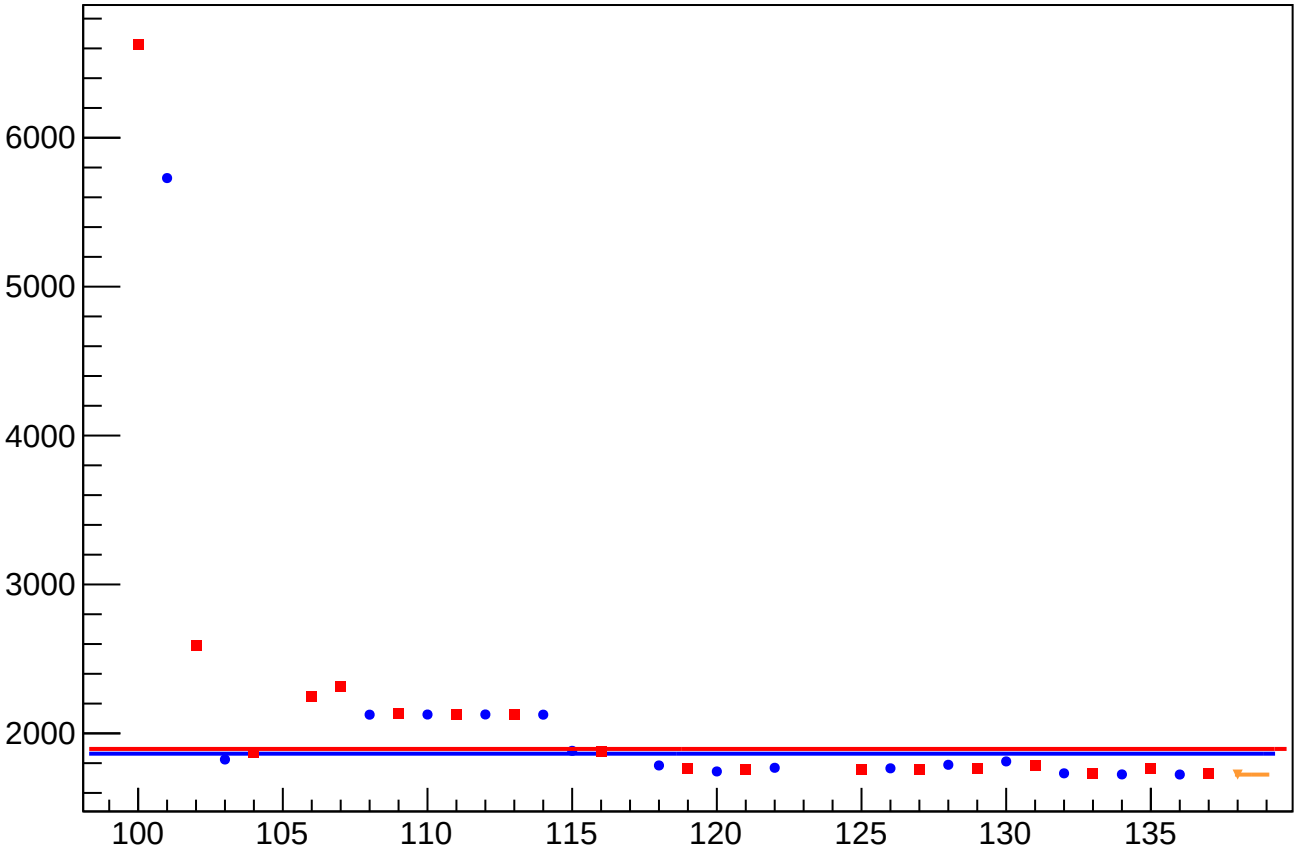
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -435.536+/-666.471 χ^2/NDF: 16.6/16

All: -439.026+/-486.916 χ^2/NDF: 32.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1863.581+/-0.501 χ^2/NDF: 674665.4/15

Left Out: 1723.152+/-1.379 χ^2/NDF:0.0/0

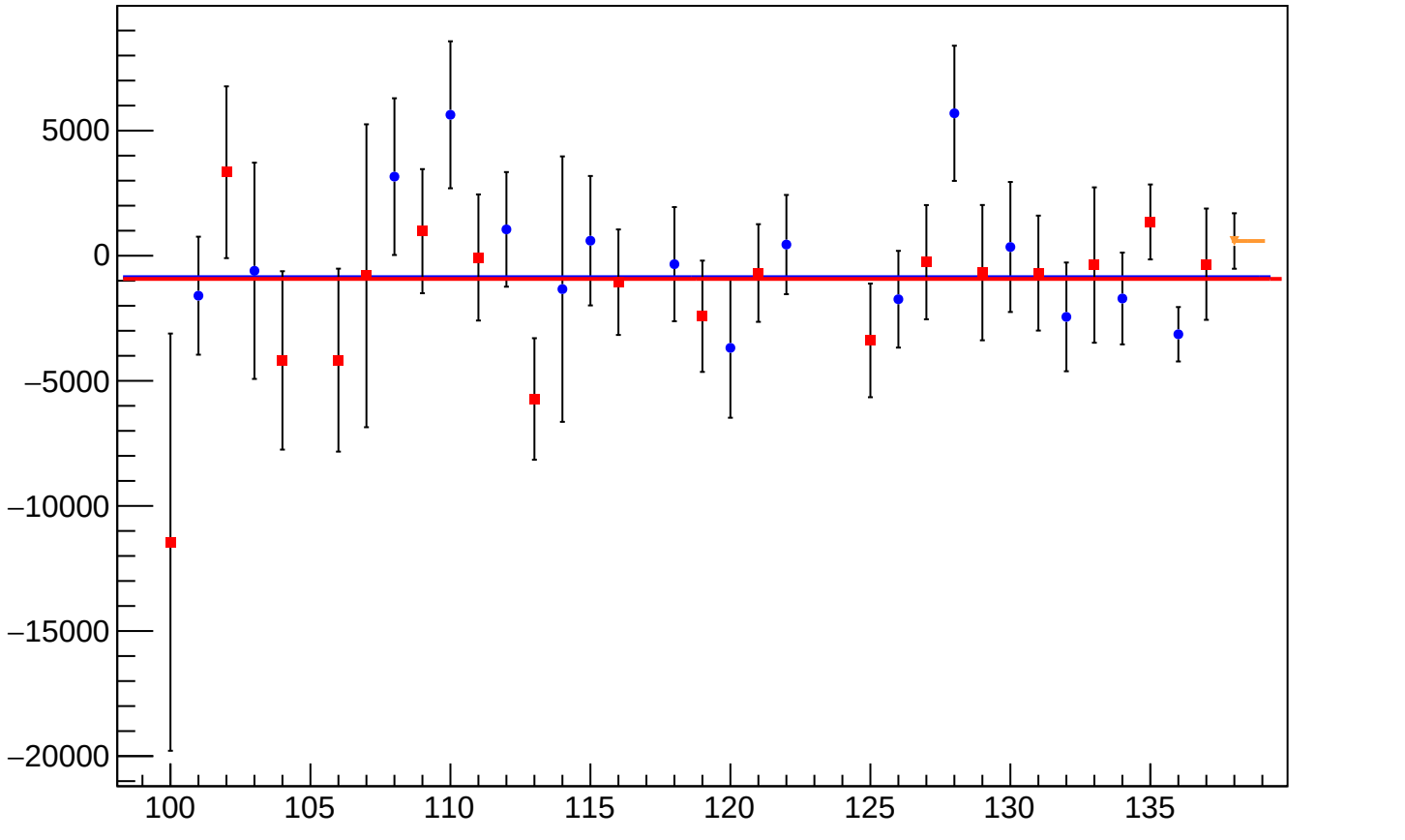
Right Out: 1895.491+/-0.504 χ^2/NDF: 259171.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1847.186+/-0.471 χ^2/NDF: 683821.4/16

All: 1869.708+/-0.344 χ^2/NDF: 947891.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -858.115+/-549.748 χ^2/NDF: 20.6/15

Left Out: 588.248+/-1108.754 χ^2/NDF:0.0/0

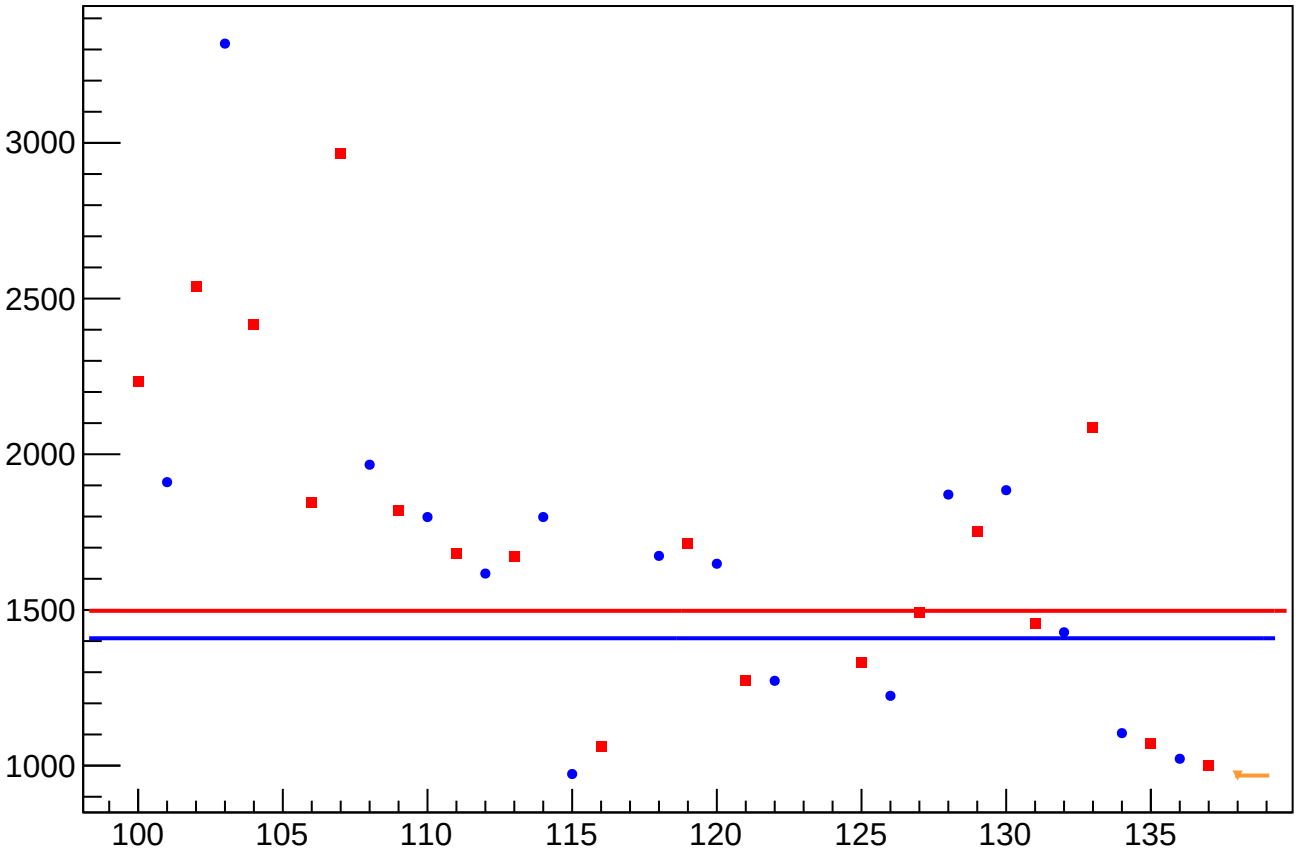
Right Out: -927.191+/-584.886 χ^2/NDF: 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -572.703+/-492.530 χ^2/NDF: 22.0/16

All: -719.782+/-376.743 χ^2/NDF: 35.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1409.018+/-0.389 χ^2/NDF: 1167065.5/15

Left Out: 968.082+/-0.784 χ^2/NDF:0.0/0

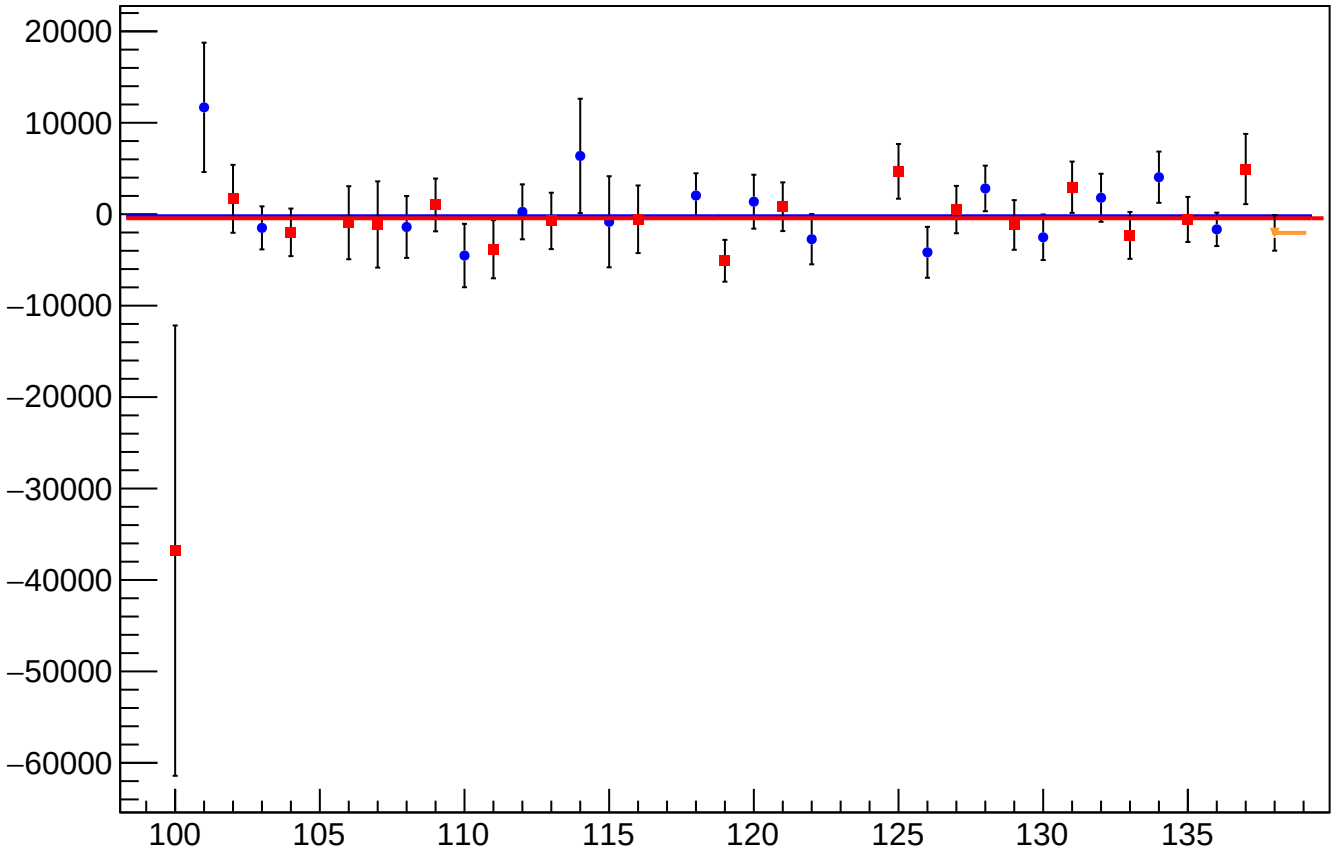
Right Out: 1497.149+/-0.414 χ^2/NDF: 1018123.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1322.008+/-0.348 χ^2/NDF: 1420957.3/16

All: 1394.675+/-0.266 χ^2/NDF: 2544007.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -223.754+/-709.151 χ^2/NDF: 15.8/15

Left Out: -2037.801+/-1950.570 χ^2/NDF:0.0/0

Right Out: -443.022+/-713.098 χ^2/NDF: 15.8/17

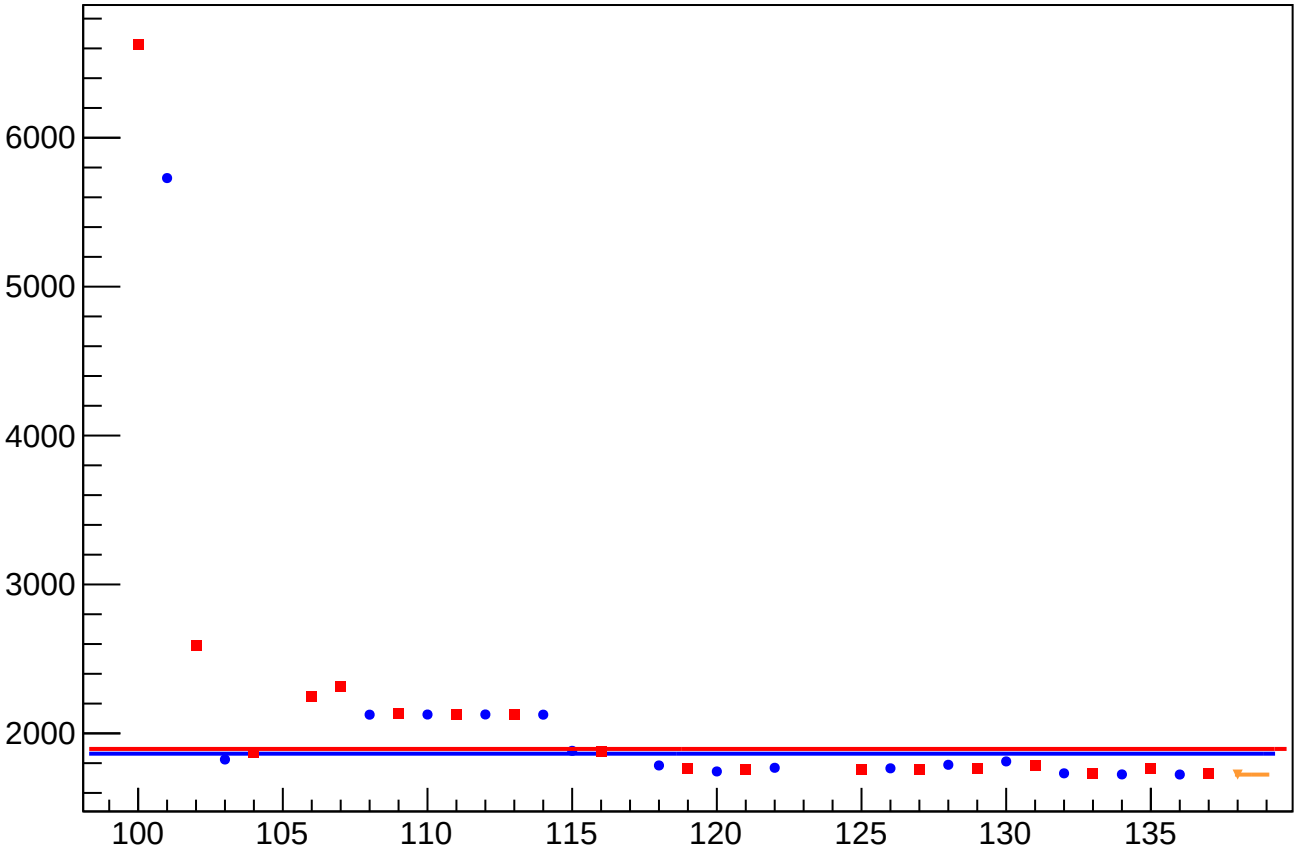
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -435.536+/-666.471 χ^2/NDF: 16.6/16

All: -439.026+/-486.916 χ^2/NDF: 32.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1863.581+/-0.501 χ^2/NDF: 674665.4/15

Left Out: 1723.152+/-1.379 χ^2/NDF:0.0/0

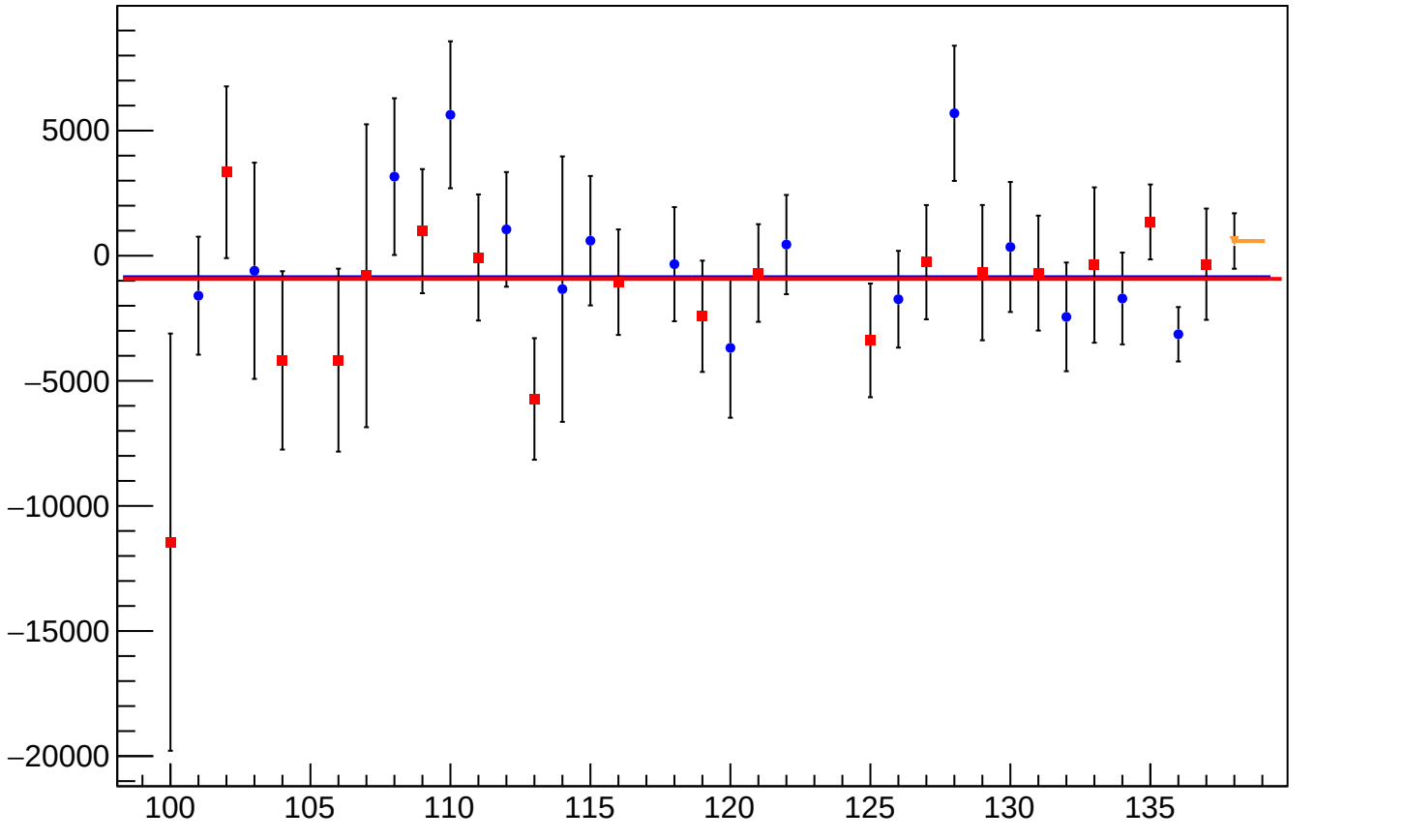
Right Out: 1895.491+/-0.504 χ^2/NDF: 259171.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1847.186+/-0.471 χ^2/NDF: 683821.4/16

All: 1869.708+/-0.344 χ^2/NDF: 947891.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -858.115+/-549.748 χ^2/NDF: 20.6/15

Left Out: 588.248+/-1108.754 χ^2/NDF:0.0/0

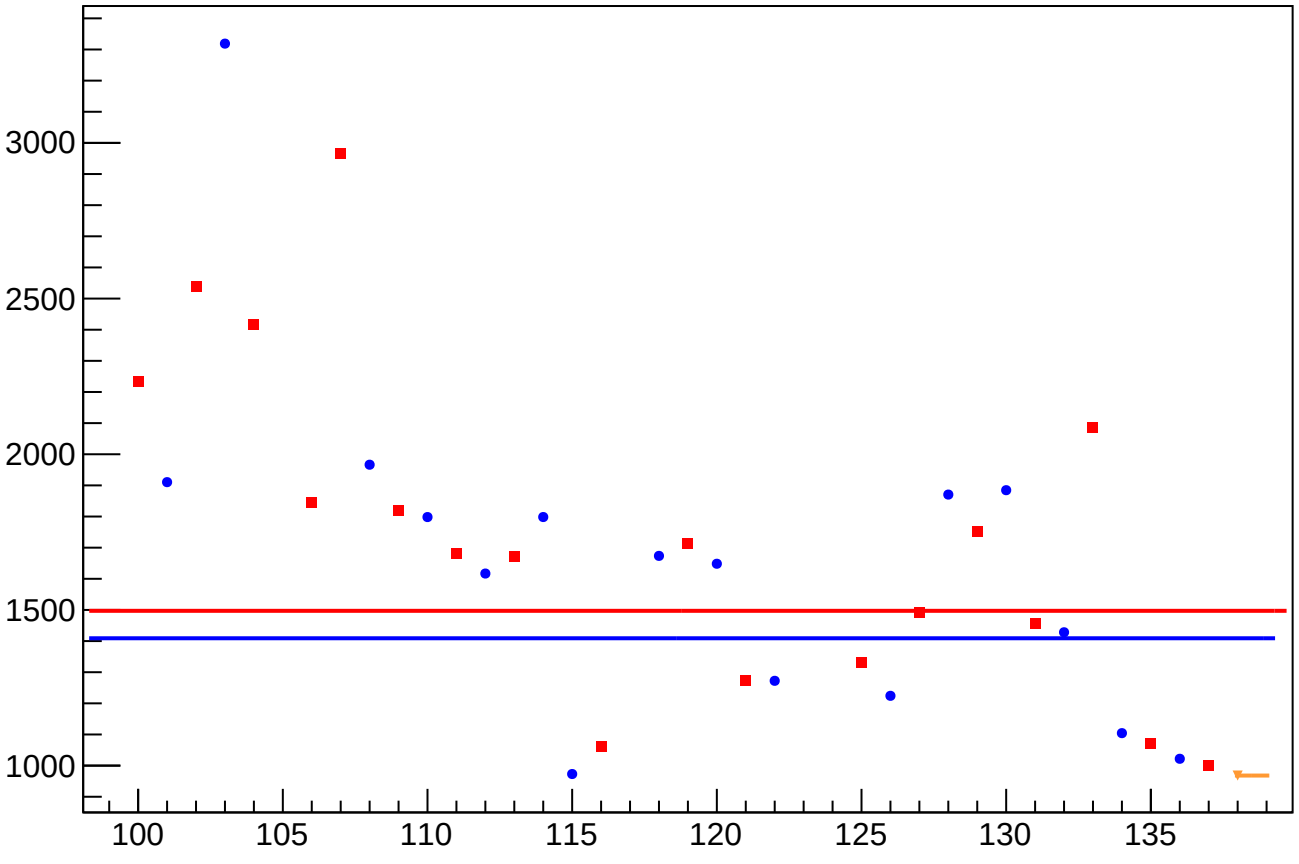
Right Out: -927.191+/-584.886 χ^2/NDF: 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -572.703+/-492.530 χ^2/NDF: 22.0/16

All: -719.782+/-376.743 χ^2/NDF: 35.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1409.018+/-0.389 χ^2/NDF: 1167065.5/15

Left Out: 968.082+/-0.784 χ^2/NDF:0.0/0

Right Out: 1497.149+/-0.414 χ^2/NDF: 1018123.6/17

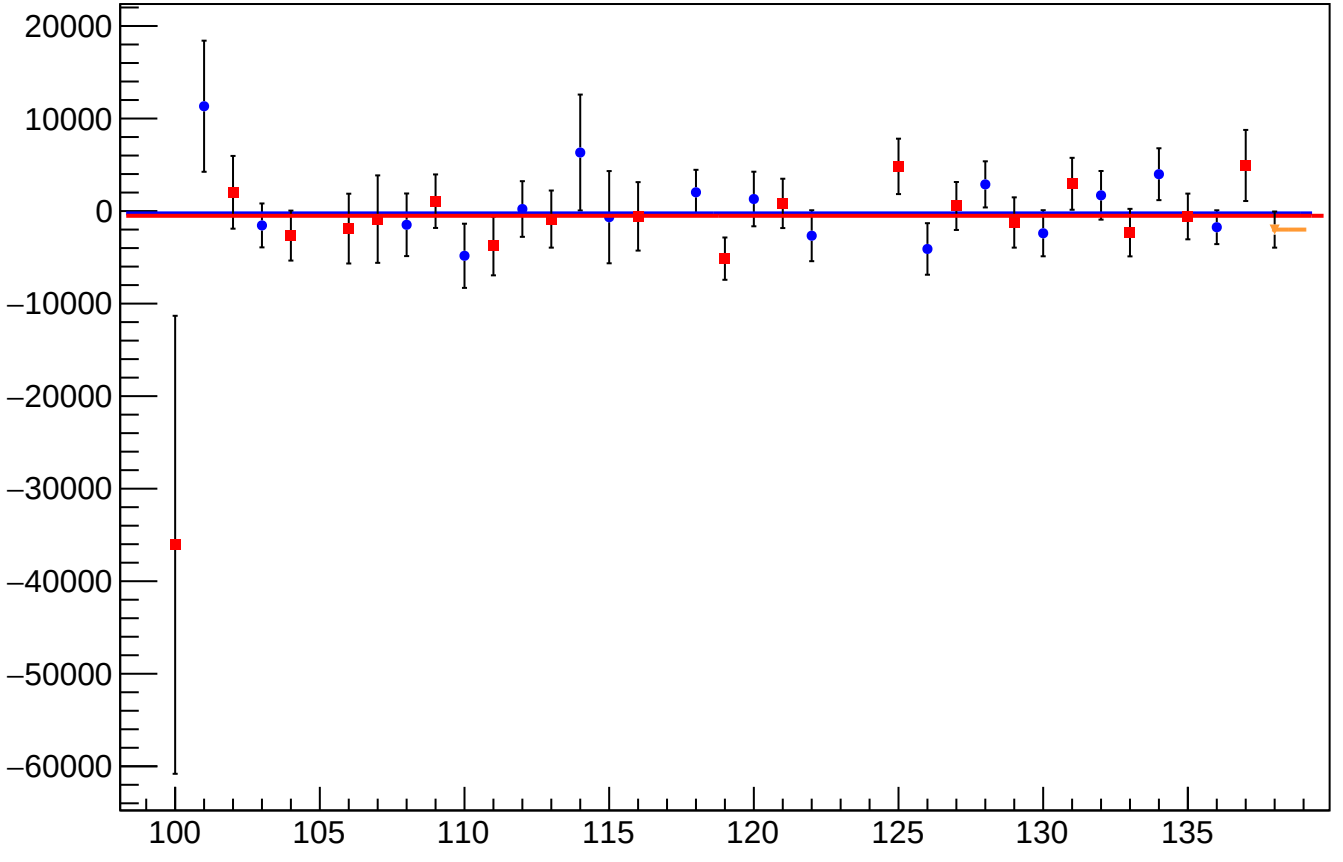
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1322.008+/-0.348 χ^2/NDF: 1420957.3/16

All: 1394.675+/-0.266 χ^2/NDF: 2544007.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -252.024+/-709.973 χ^2/NDF: 15.6/15

Left Out: -2001.627+/-1952.256 χ^2/NDF:0.0/0

Right Out: -510.117+/-715.442 χ^2/NDF: 16.4/17

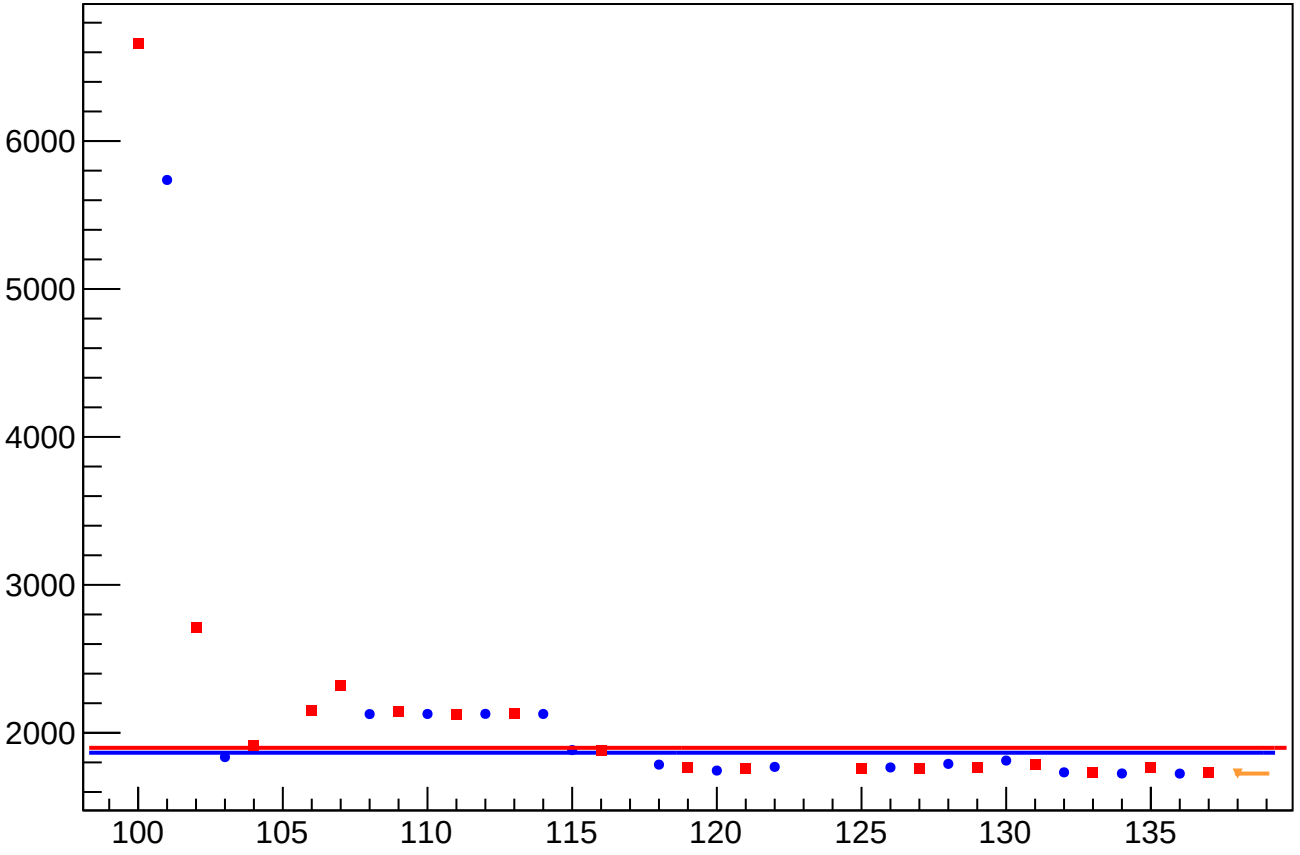
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -456.389+/-667.221 χ^2/NDF: 16.4/16

All: -481.381+/-487.954 χ^2/NDF: 32.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1865.440+/-0.502 χ^2/NDF: 674989.6/15

Left Out: 1724.642+/-1.380 χ^2/NDF:0.0/0

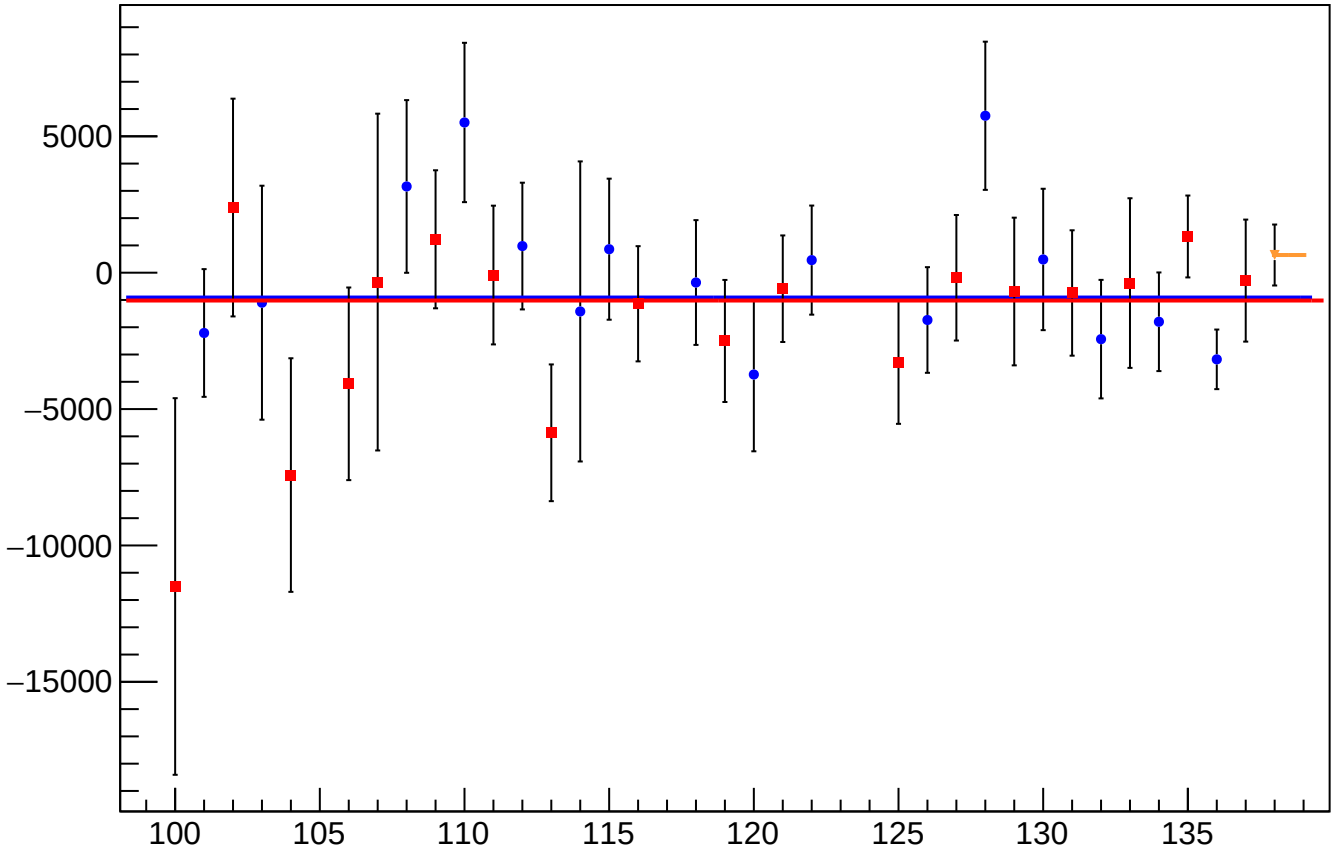
Right Out: 1898.603+/-0.506 χ^2/NDF: 269110.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1848.994+/-0.472 χ^2/NDF: 684177.3/16

All: 1872.070+/-0.345 χ^2/NDF: 958430.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -910.955+/-550.836 χ^2/NDF: 21.0/15

Left Out: 648.182+/-1117.546 χ^2/NDF:0.0/0

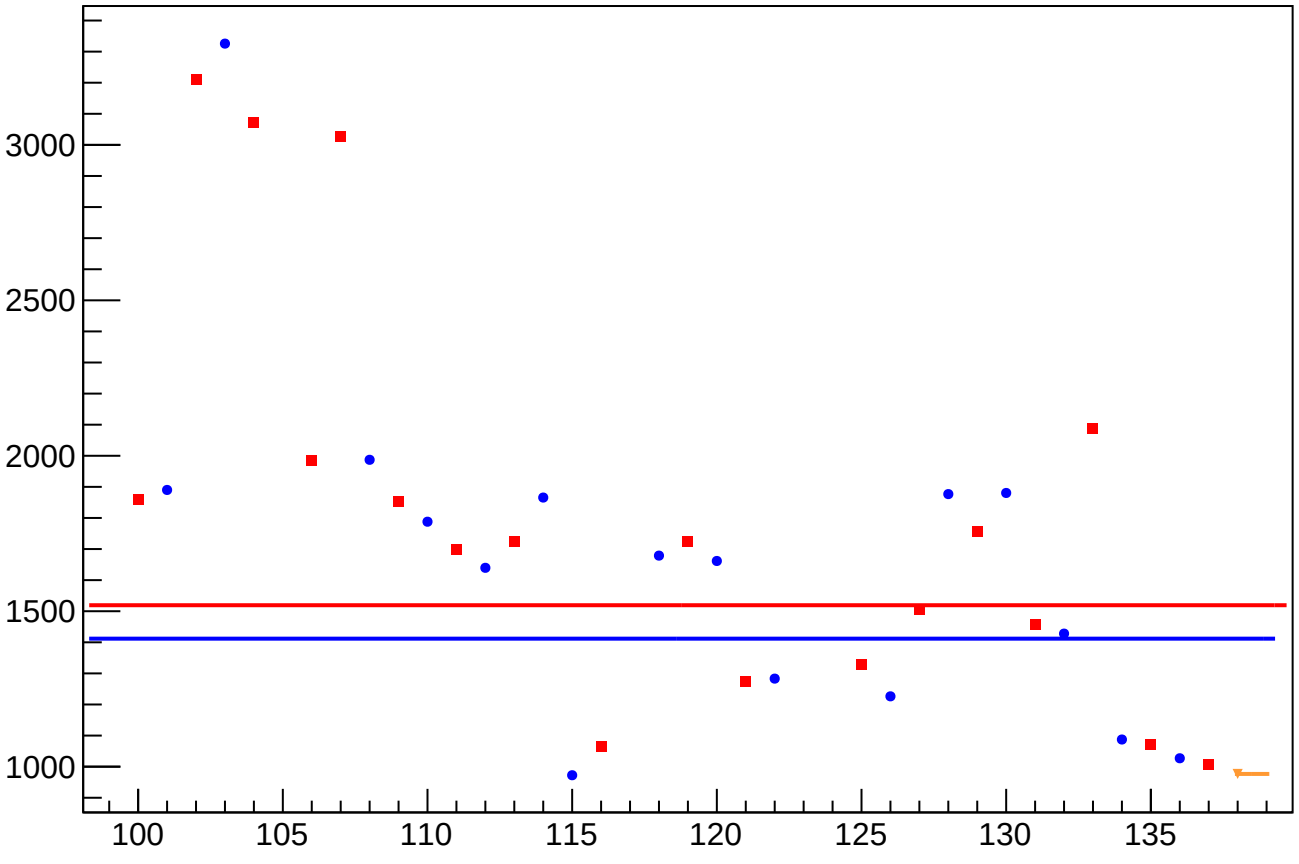
Right Out: -1020.124+/-591.600 χ^2/NDF: 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -606.204+/-494.078 χ^2/NDF: 22.6/16

All: -776.281+/-379.221 χ^2/NDF: 37.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1411.748+/-0.389 χ^2/NDF: 1177745.4/15

Left Out: 976.619+/-0.790 χ^2/NDF:0.0/0

Right Out: 1519.305+/-0.418 χ^2/NDF: 1360145.6/17

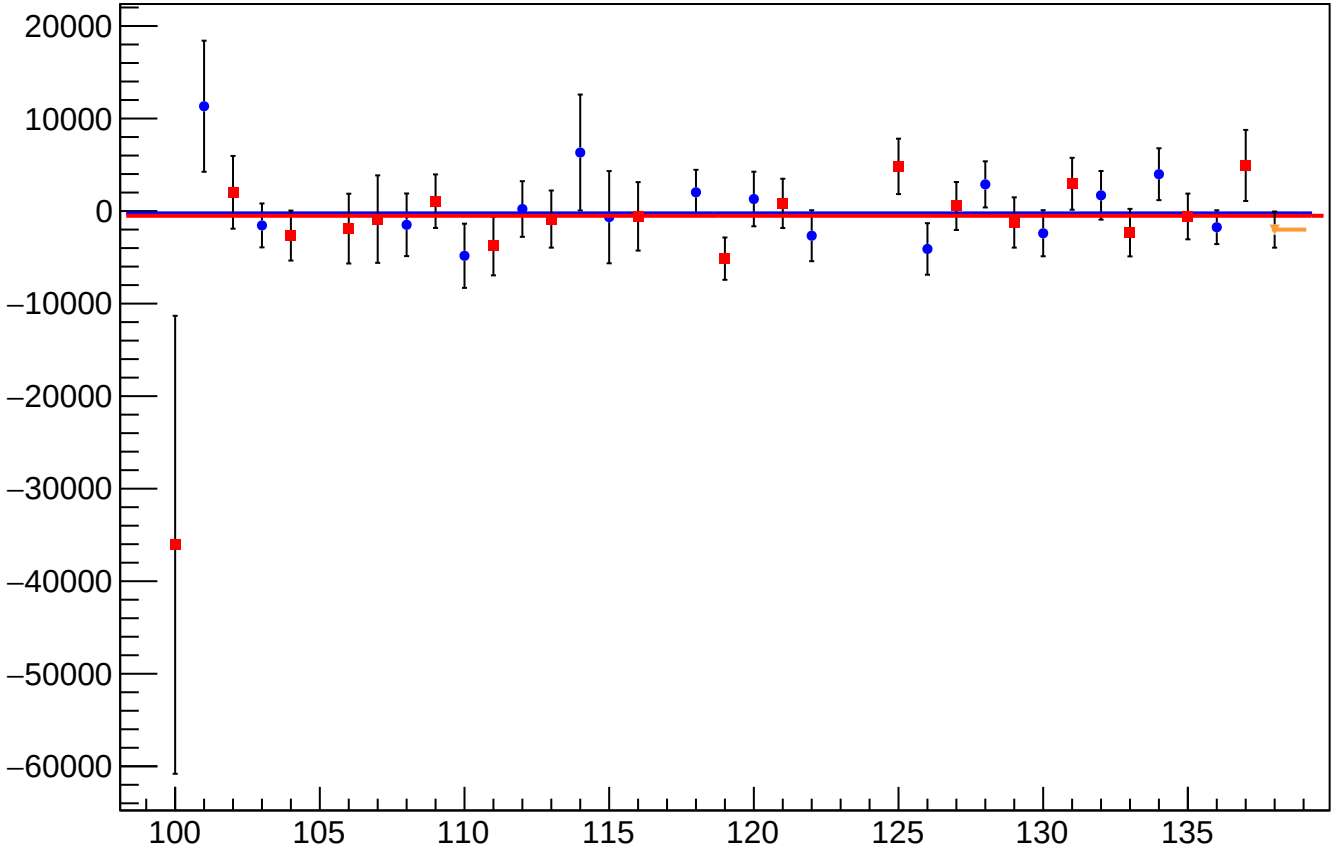
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1326.697+/-0.349 χ^2/NDF: 1421685.2/16

All: 1405.838+/-0.268 χ^2/NDF: 2906717.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -252.023+/-709.973 χ^2/NDF: 15.6/15

Left Out: -2001.630+/-1952.256 χ^2/NDF:0.0/0

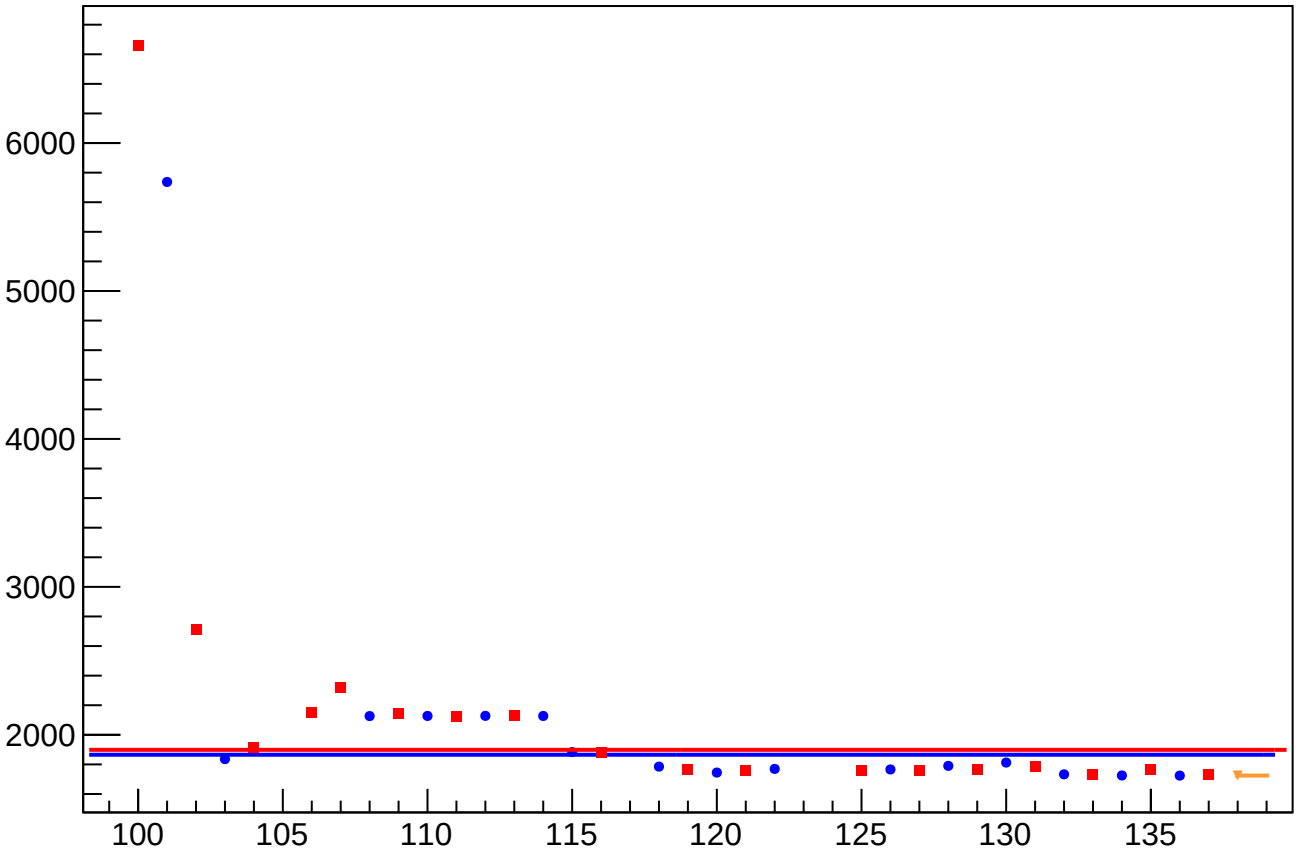
Right Out: -510.117+/-715.442 χ^2/NDF: 16.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -456.388+/-667.221 χ^2/NDF: 16.4/16

All: -481.381+/-487.954 χ^2/NDF: 32.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1865.440+/-0.502 χ^2/NDF: 674989.6/15

Left Out: 1724.642+/-1.380 χ^2/NDF:0.0/0

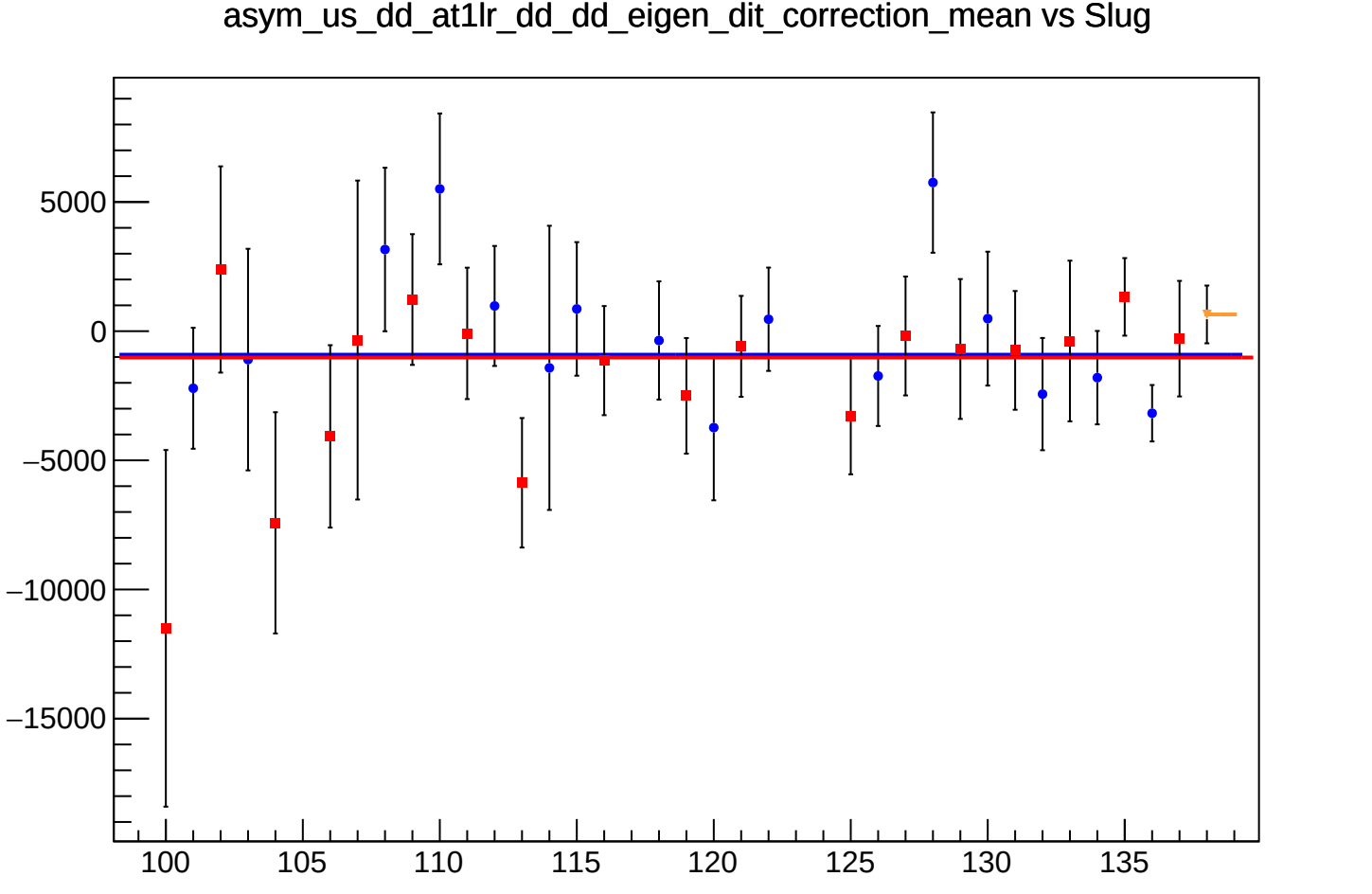
Right Out: 1898.603+/-0.506 χ^2/NDF: 269109.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1848.994+/-0.472 χ^2/NDF: 684177.3/16

All: 1872.070+/-0.345 χ^2/NDF: 958430.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -910.950+/-550.835 χ^2/NDF: 21.0/15

Left Out: 648.179+/-1117.550 χ^2/NDF:0.0/0

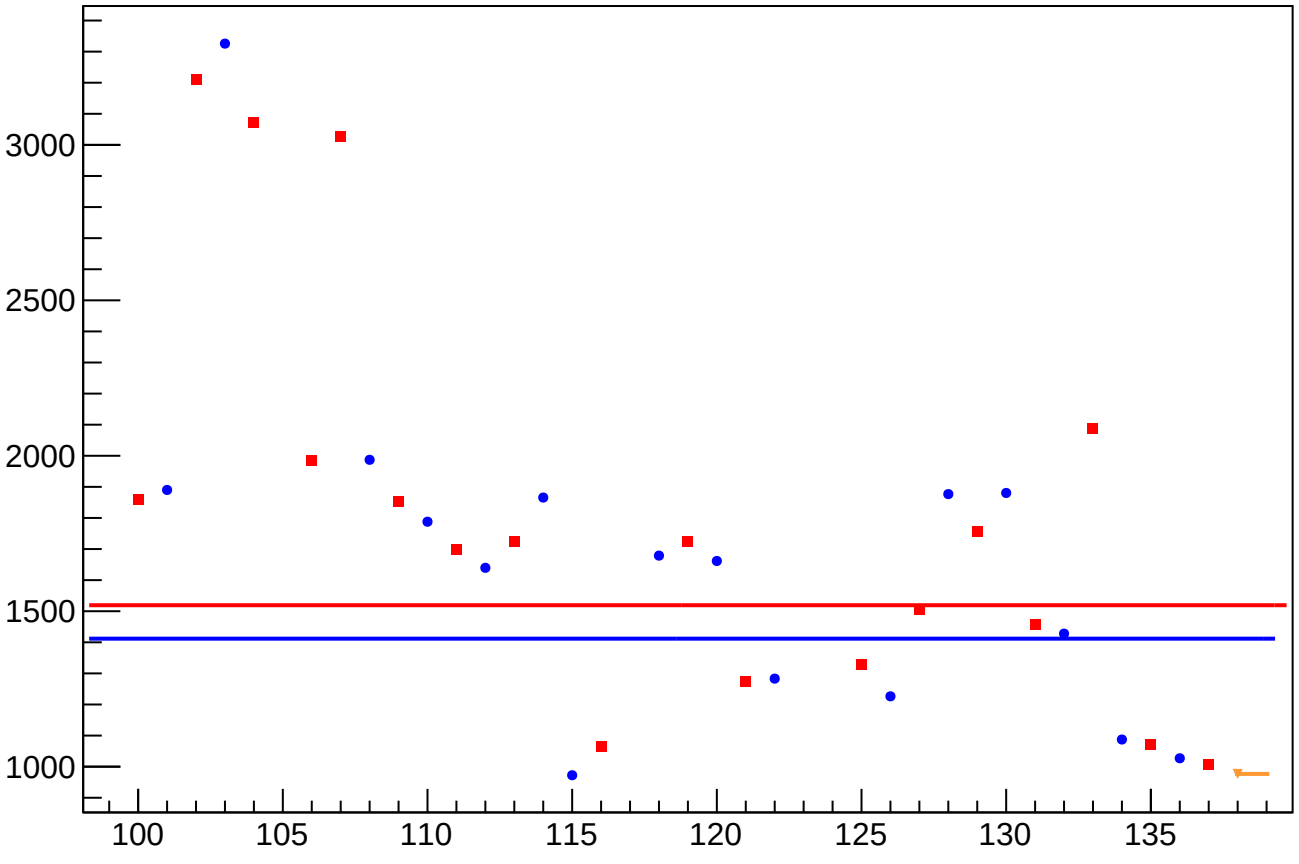
Right Out: -1020.123+/-591.599 χ^2/NDF: 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -606.203+/-494.078 χ^2/NDF: 22.6/16

All: -776.280+/-379.221 χ^2/NDF: 37.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1411.745+/-0.389 χ^2/NDF: 1177746.1/15

Left Out: 976.621+/-0.790 χ^2/NDF:0.0/0

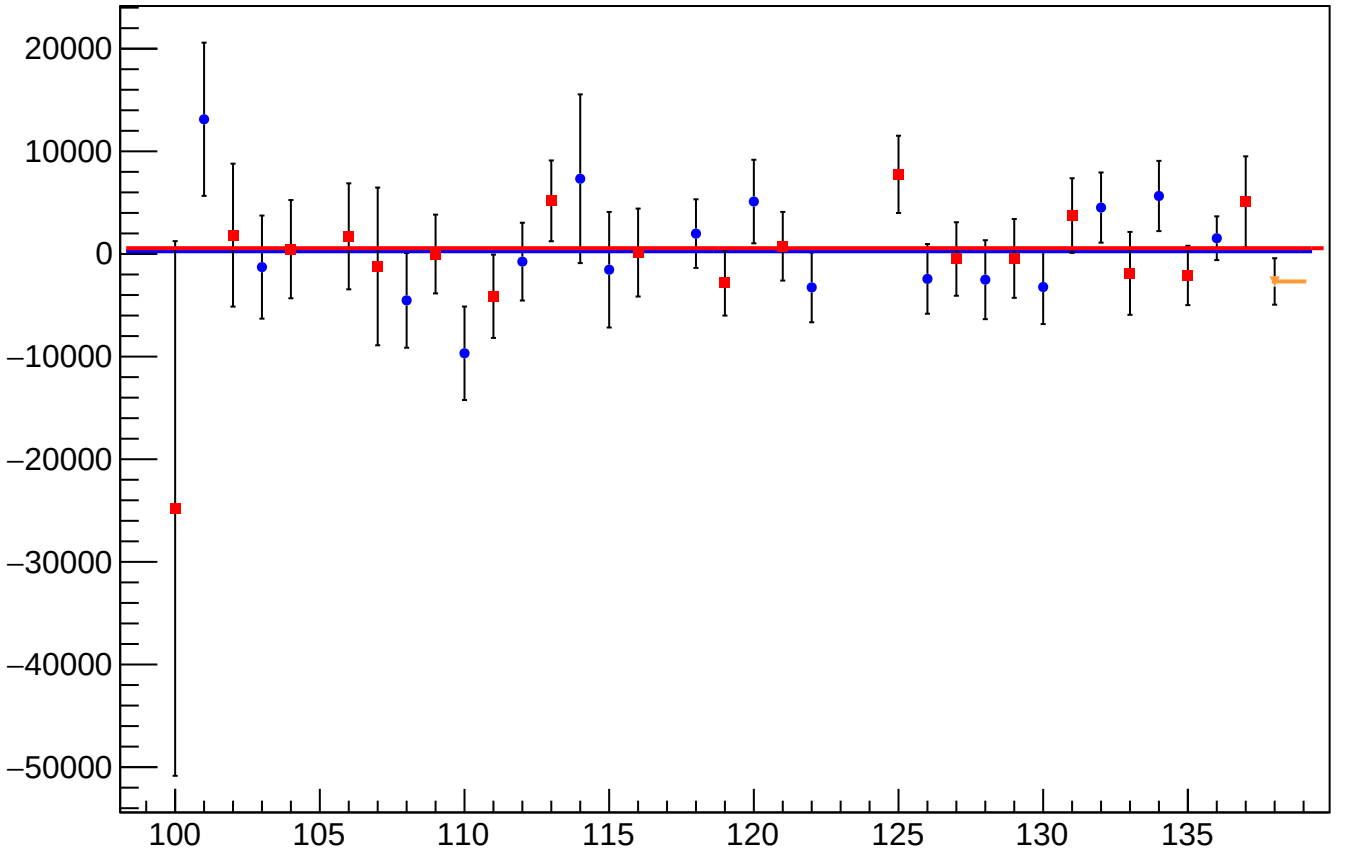
Right Out: 1519.302+/-0.418 χ^2/NDF: 1360150.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1326.696+/-0.349 χ^2/NDF: 1421678.1/16

All: 1405.837+/-0.268 χ^2/NDF: 2906713.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 264.383+/-941.979 χ^2/NDF: 19.0/15

Left Out: -2677.101+/-2262.711 χ^2/NDF:0.0/0

Right Out: 560.962+/-962.943 χ^2/NDF: 11.7/17

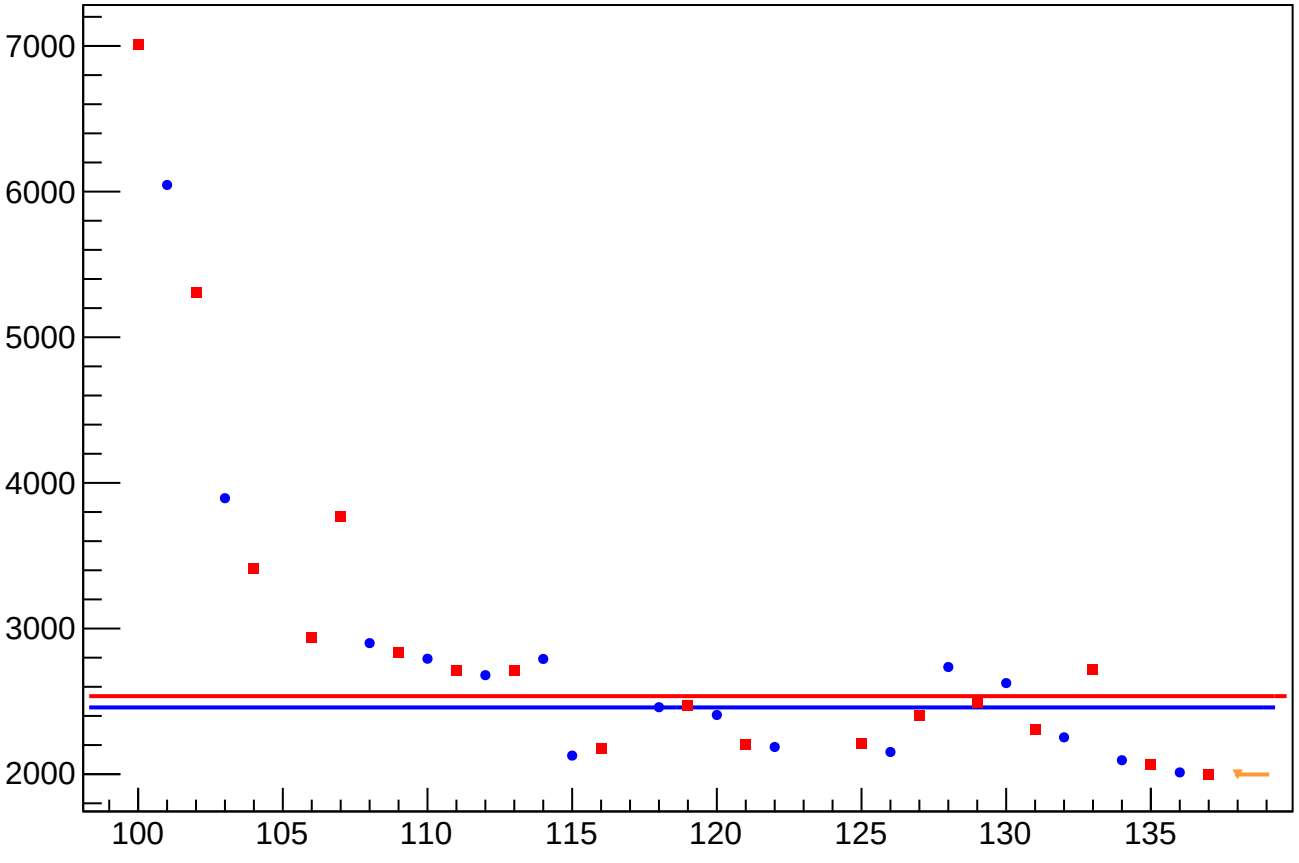
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -170.106+/-869.631 χ^2/NDF: 20.5/16

All: 158.300+/-645.397 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2458.332+/-0.666 χ^2/NDF: 832888.7/15

Left Out: 1997.830+/-1.600 χ^2/NDF:0.0/0

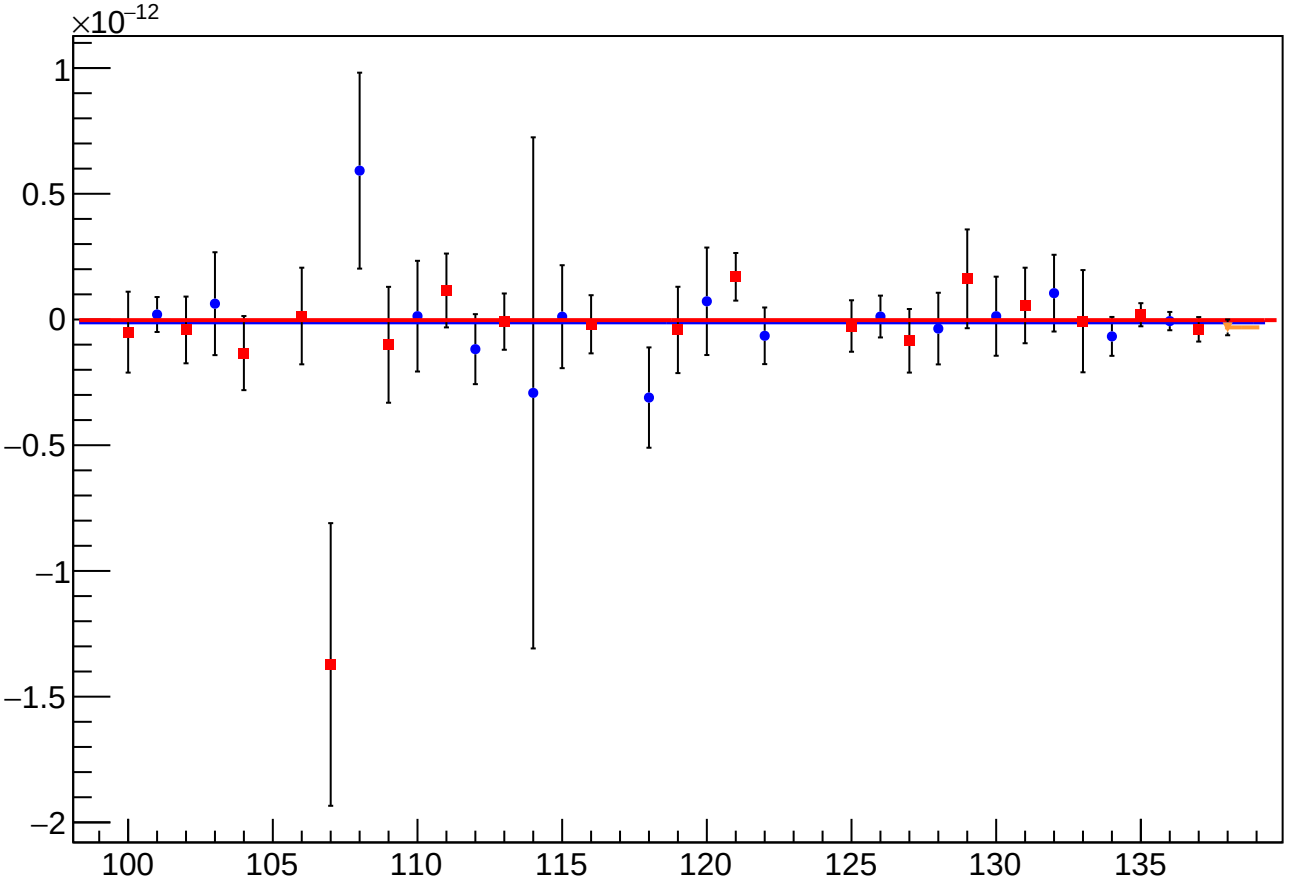
Right Out: 2535.782+/-0.681 χ^2/NDF: 673337.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2390.311+/-0.615 χ^2/NDF: 903491.5/16

All: 2455.659+/-0.456 χ^2/NDF: 1601968.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 7.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

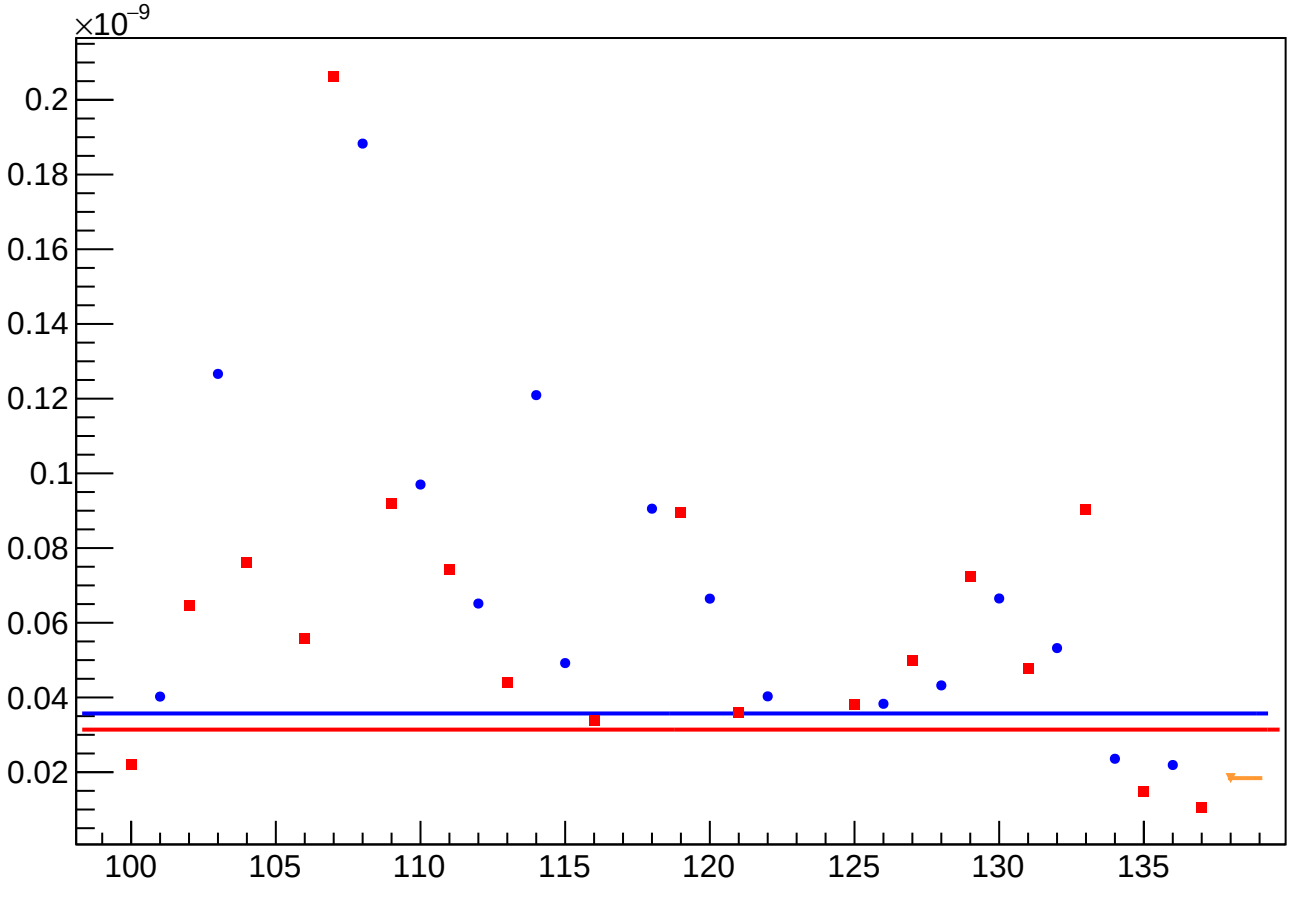
Right Out: -0.000+/-0.000 χ^2/NDF: 13.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 7.6/16

All: -0.000+/-0.000 χ^2/NDF: 21.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1620217.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2068272.1/17

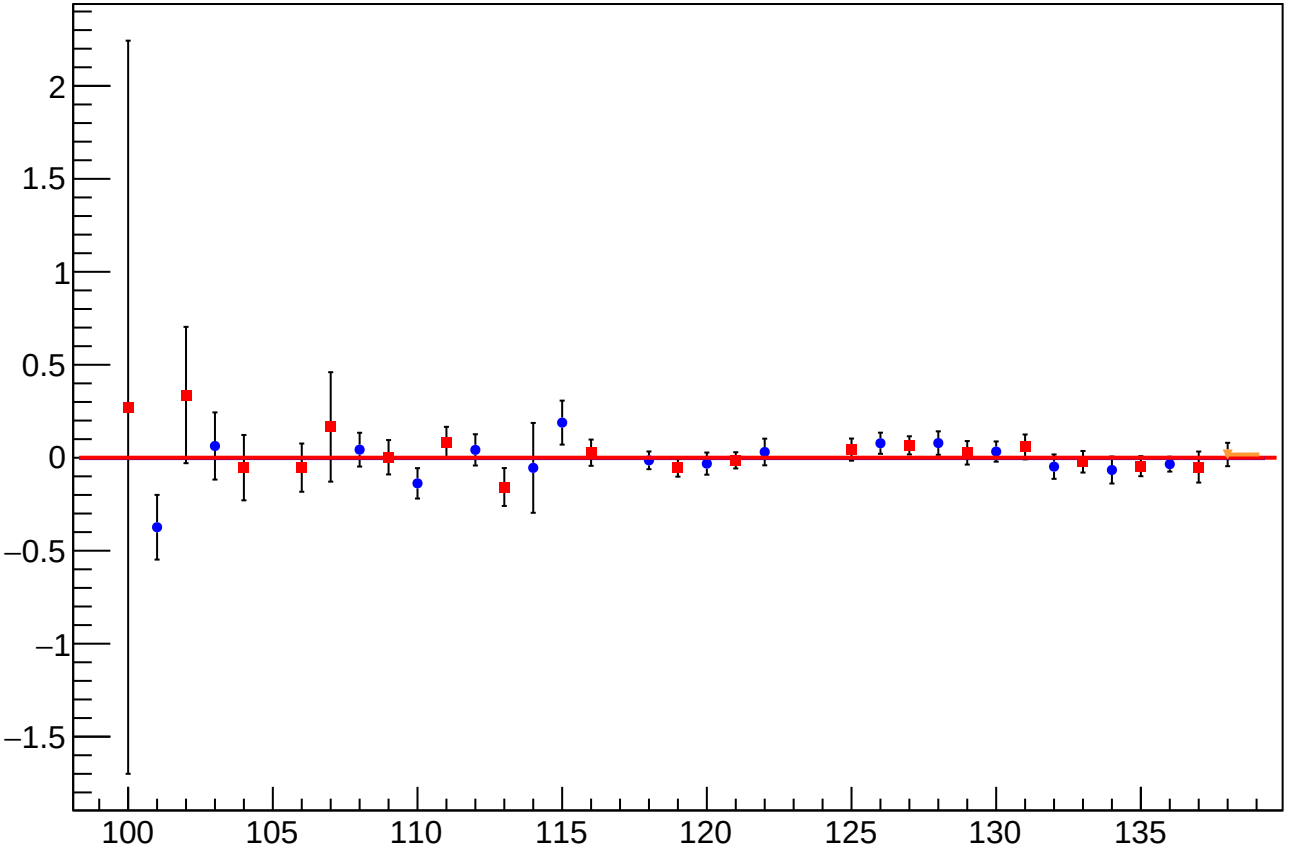
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1998609.6/16

All: 0.000+/-0.000 χ^2/NDF: 4077422.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.002+/-0.017 χ^2/NDF: 17.1/15

Left Out: 0.017+/-0.063 χ^2/NDF:0.0/0

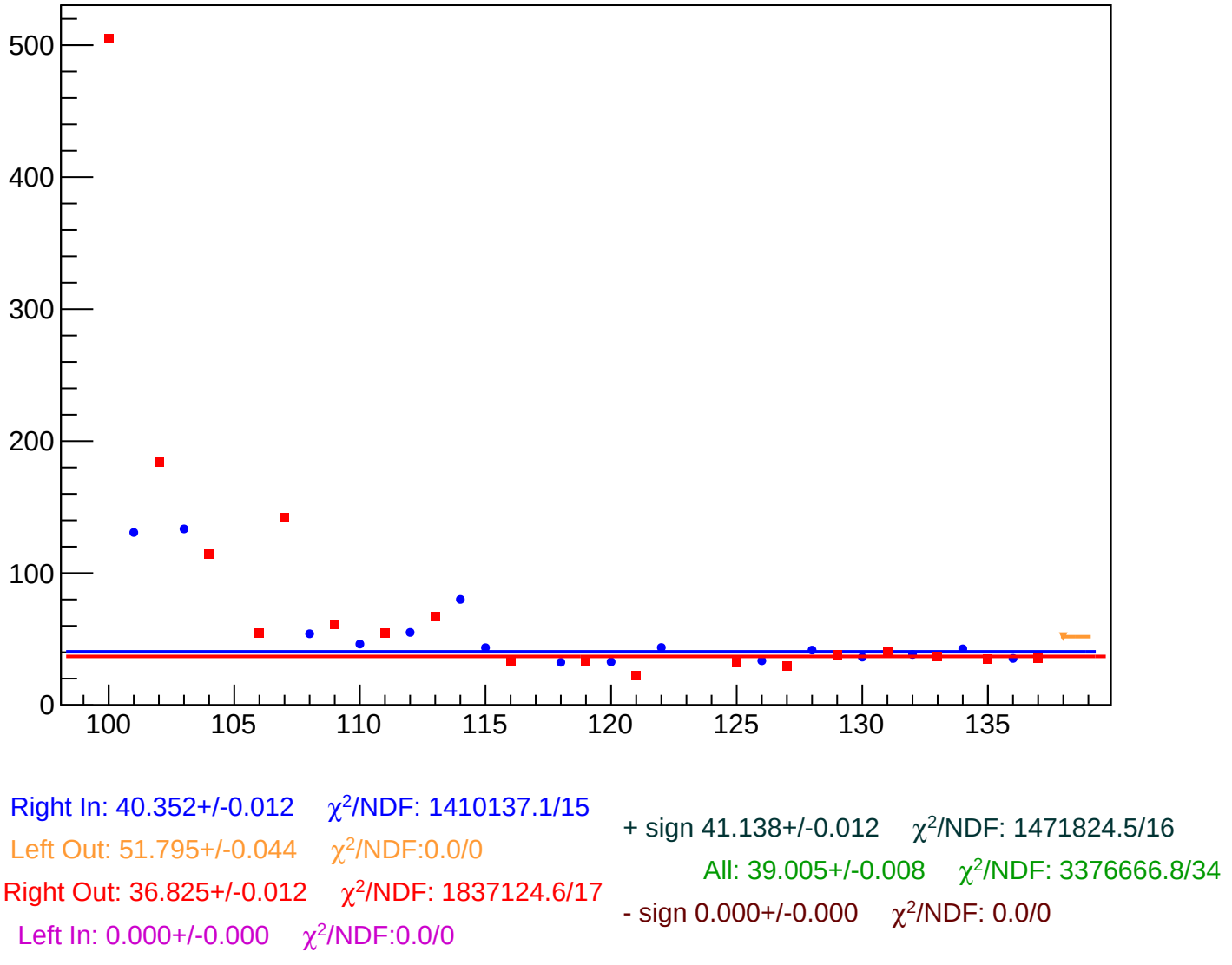
Right Out: 0.000+/-0.017 χ^2/NDF: 10.9/17

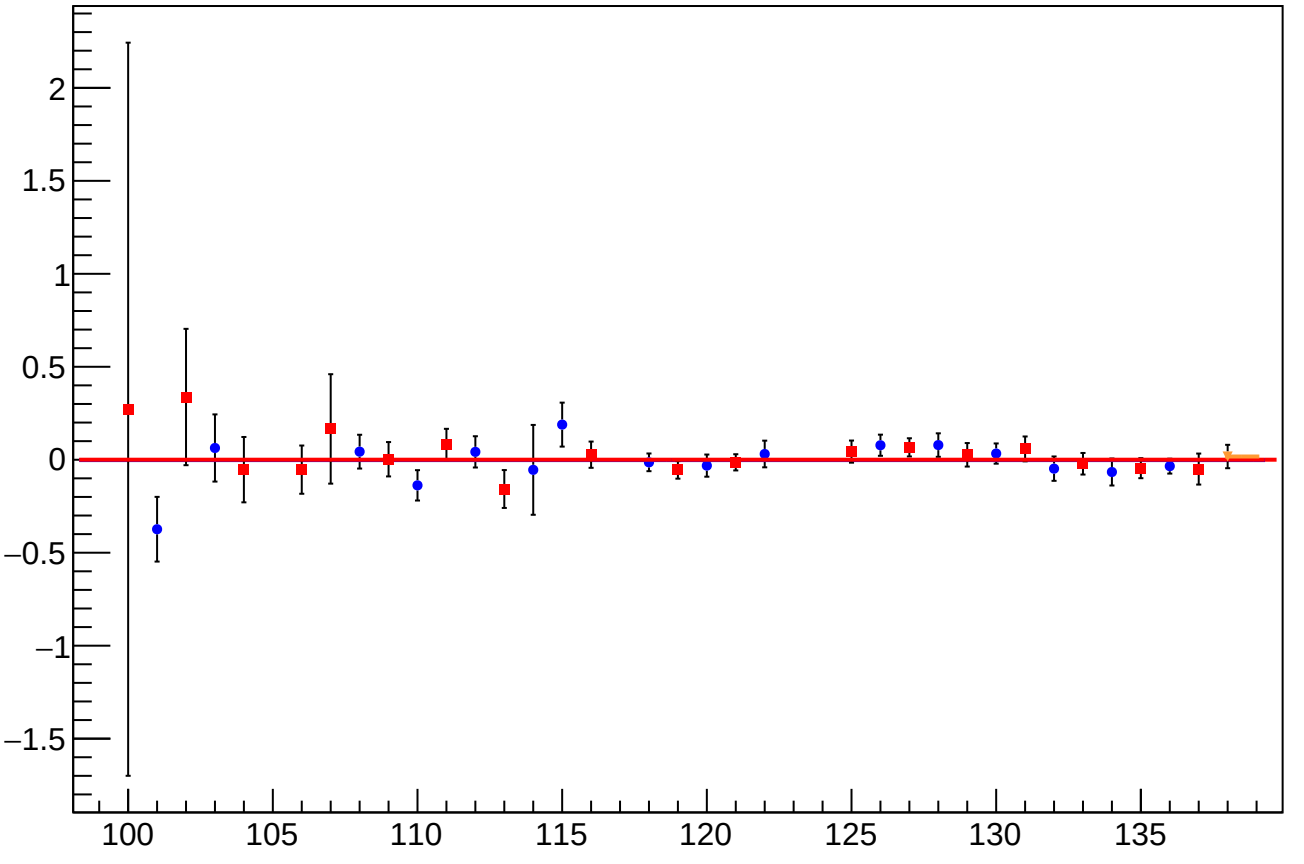
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.016 χ^2/NDF: 17.2/16

All: -0.000+/-0.012 χ^2/NDF: 28.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug
500
400
300
200
100
0
100
105
110
115
120
125
130
135
Right In: 40.352+/-0.012 χ²/NDF: 1410137.1/15
Left Out: 51.795+/-0.044 χ²/NDF:0.0/0
Right Out: 36.825+/-0.012 χ²/NDF: 1837124.6/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 41.138+/-0.012 χ²/NDF: 1471824.5/16
All: 39.005+/-0.008 χ²/NDF: 3376666.8/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.002+/-0.017 χ^2/NDF: 17.1/15

Left Out: 0.017+/-0.063 χ^2/NDF:0.0/0

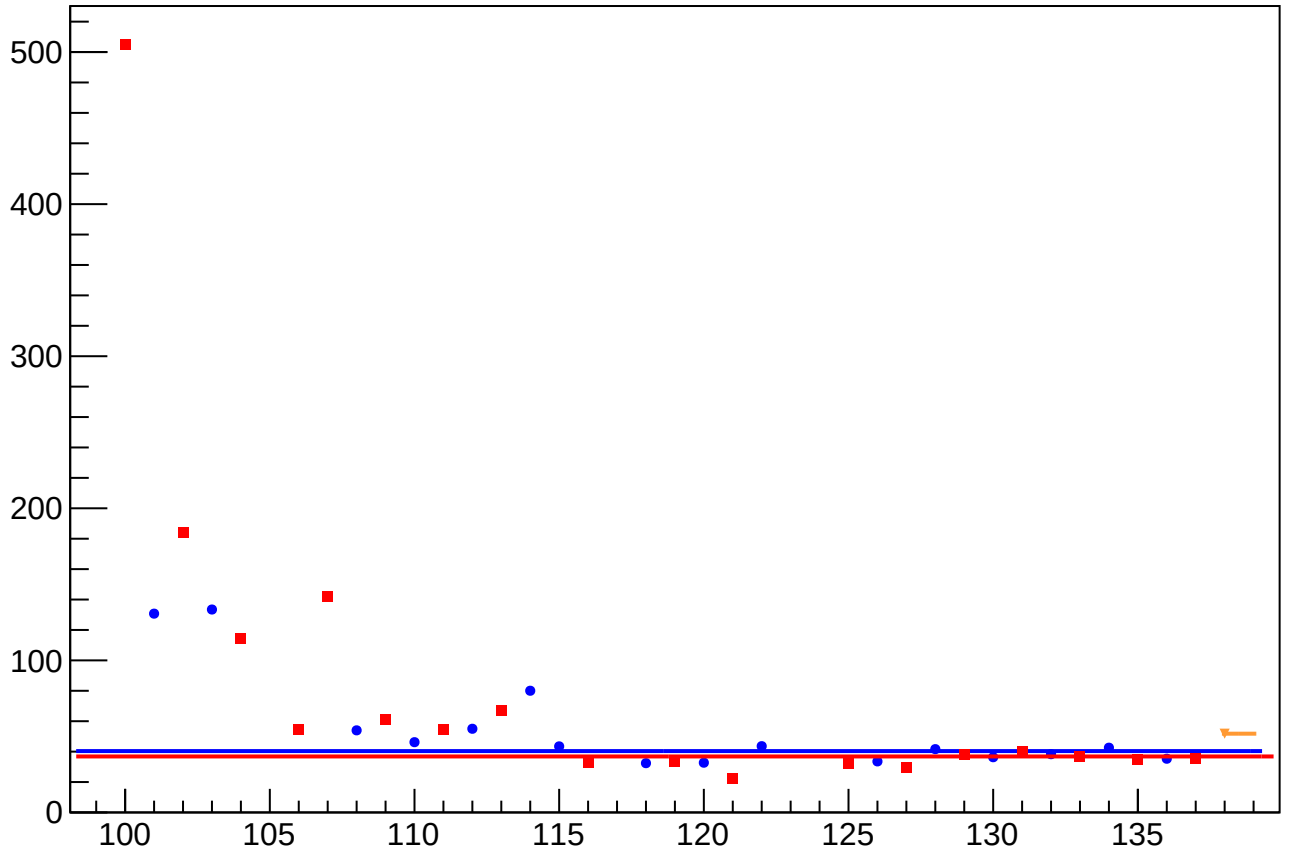
Right Out: 0.000+/-0.017 χ^2/NDF: 10.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.016 χ^2/NDF: 17.2/16

All: -0.000+/-0.012 χ^2/NDF: 28.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 40.352+/-0.012 χ^2/NDF: 1410137.1/15

Left Out: 51.795+/-0.044 χ^2/NDF:0.0/0

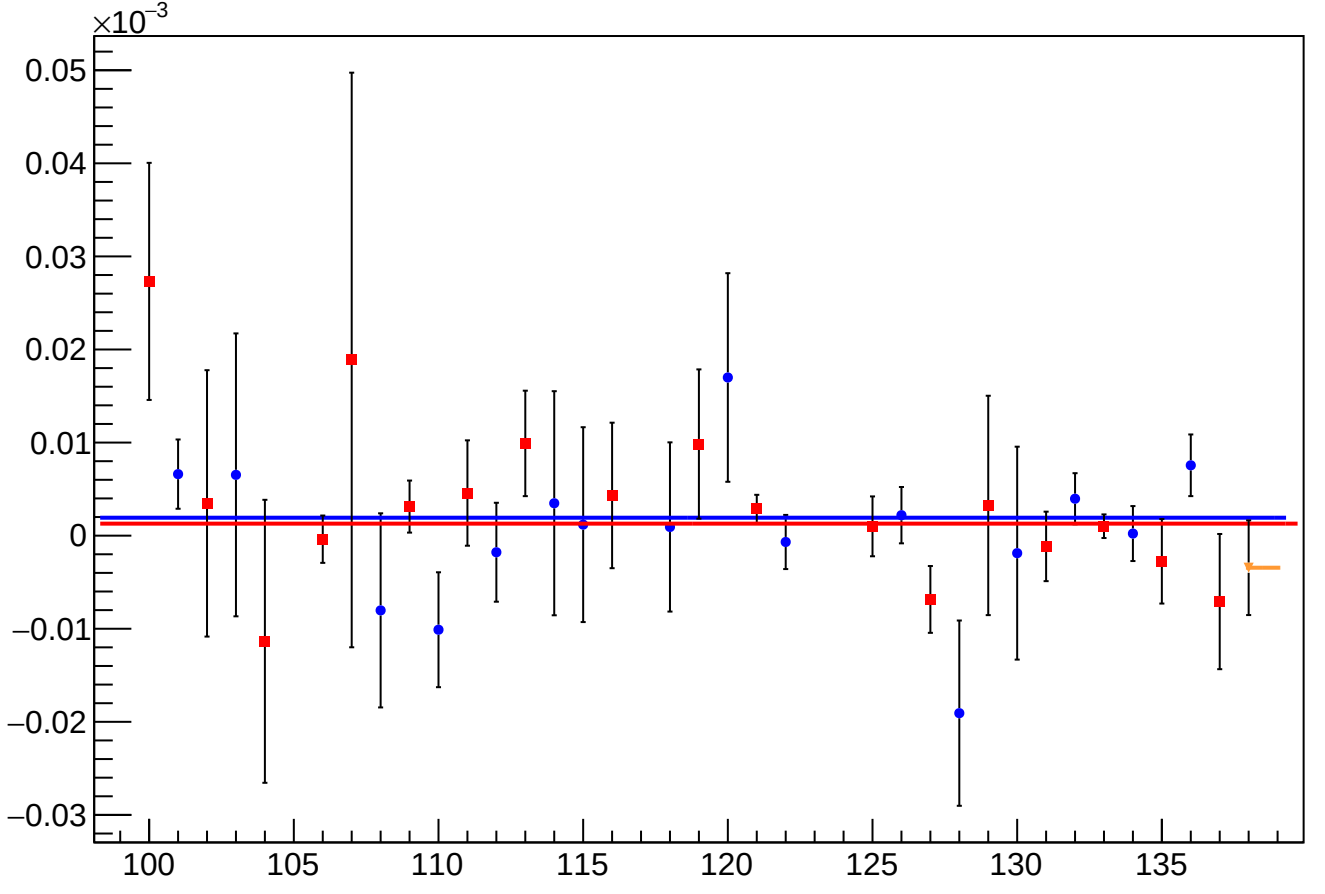
Right Out: 36.825+/-0.012 χ^2/NDF: 1837124.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.138+/-0.012 χ^2/NDF: 1471824.5/16

All: 39.005+/-0.008 χ^2/NDF: 3376666.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 17.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

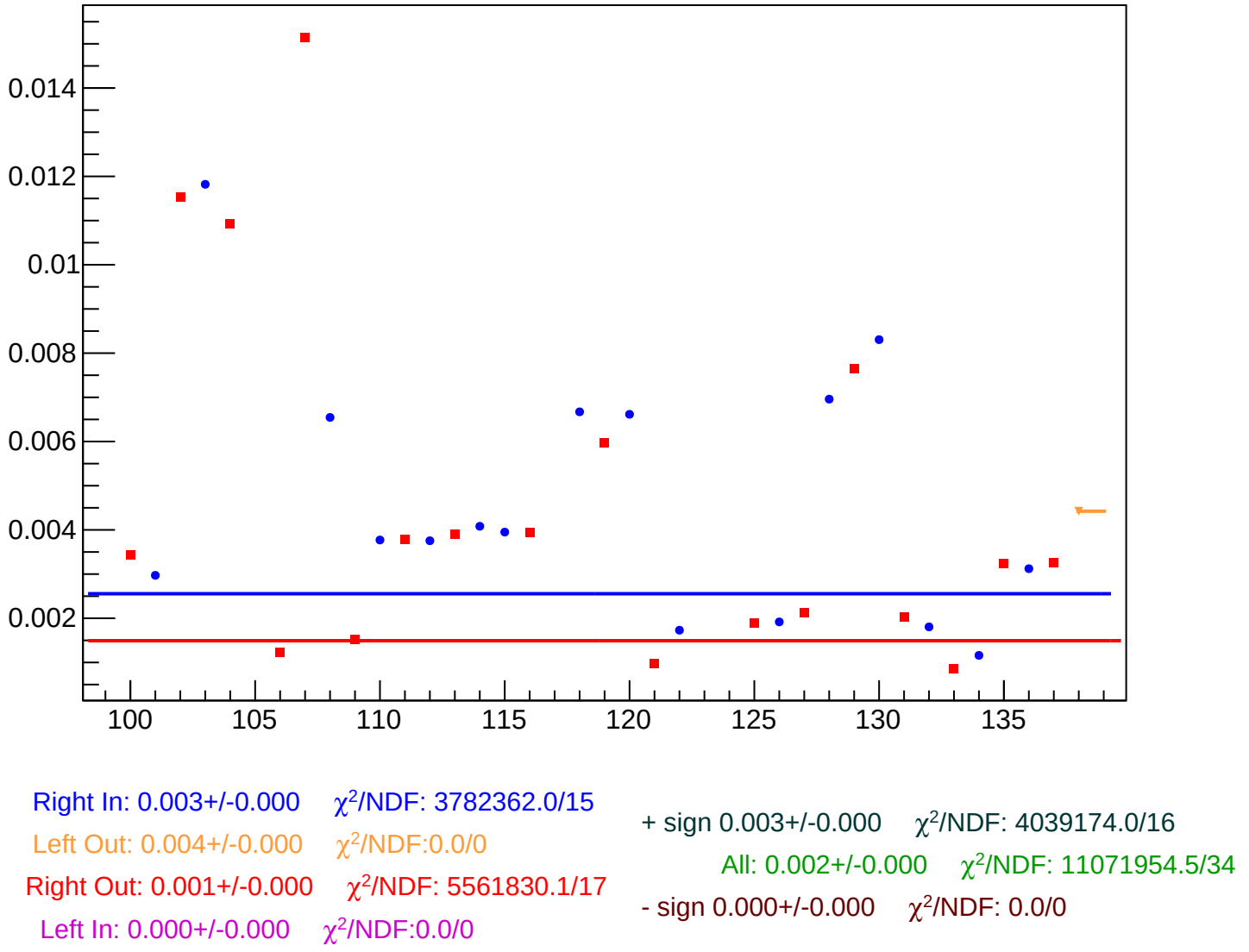
Right Out: 0.000+/-0.000 χ^2/NDF: 18.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

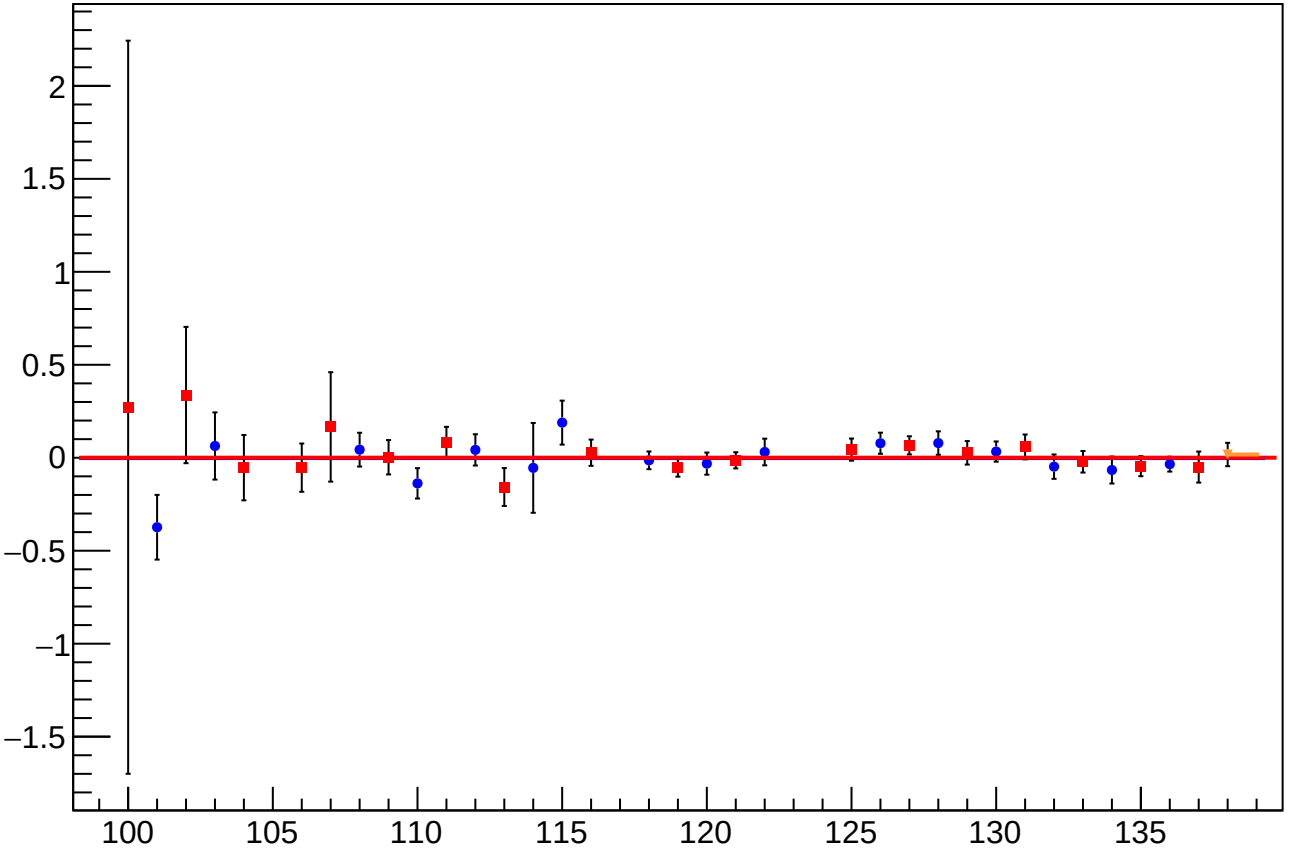
+ sign 0.000+/-0.000 χ^2/NDF: 18.9/16

All: 0.000+/-0.000 χ^2/NDF: 37.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.003+/-0.000 χ²/NDF: 3782362.0/15
Left Out: 0.004+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 5561830.1/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.003+/-0.000 χ²/NDF: 4039174.0/16
All: 0.002+/-0.000 χ²/NDF: 11071954.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.002+/-0.017 χ^2/NDF: 17.1/15

Left Out: 0.017+/-0.063 χ^2/NDF:0.0/0

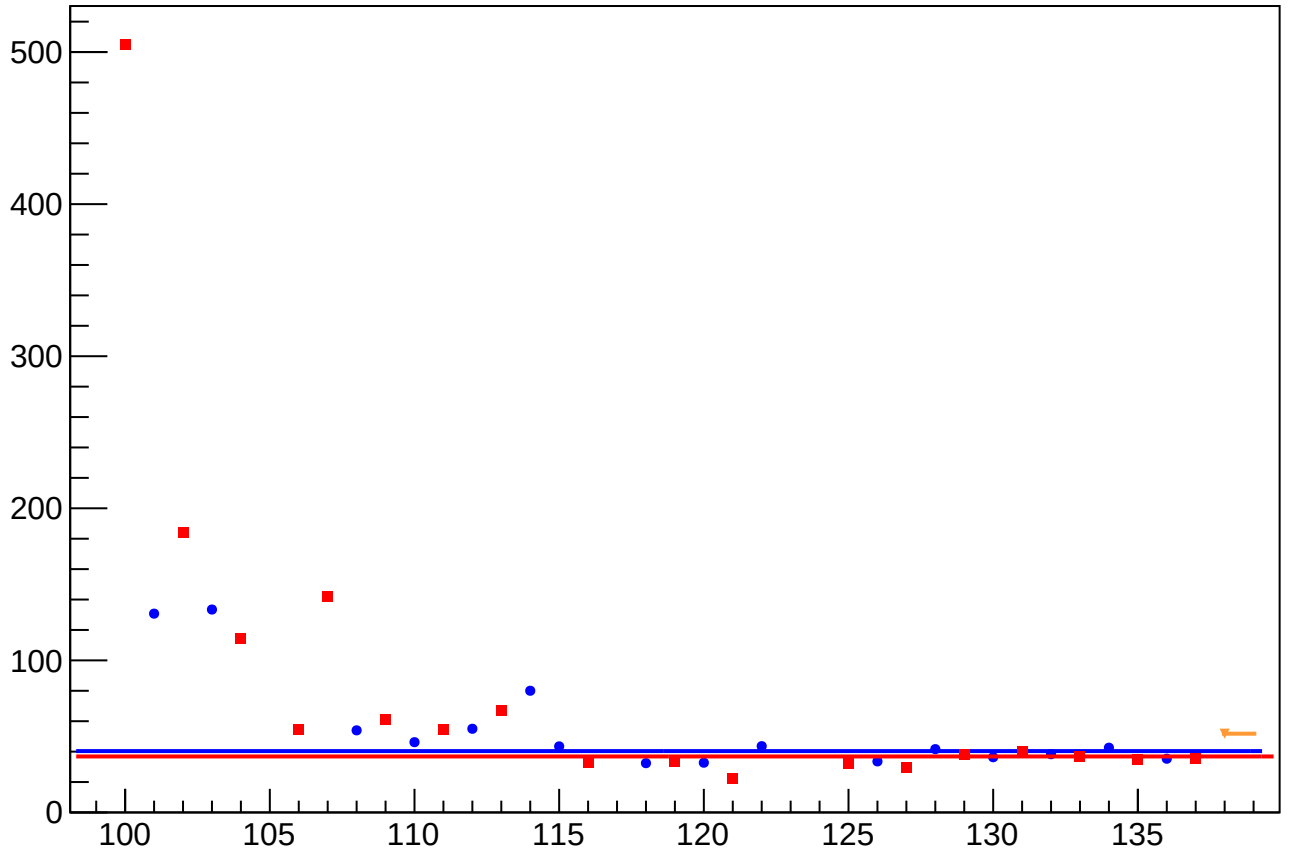
Right Out: 0.000+/-0.017 χ^2/NDF: 10.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.016 χ^2/NDF: 17.2/16

All: -0.000+/-0.012 χ^2/NDF: 28.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 40.352+/-0.012 χ^2/NDF: 1410036.7/15

Left Out: 51.796+/-0.044 χ^2/NDF:0.0/0

Right Out: 36.824+/-0.012 χ^2/NDF: 1837118.8/17

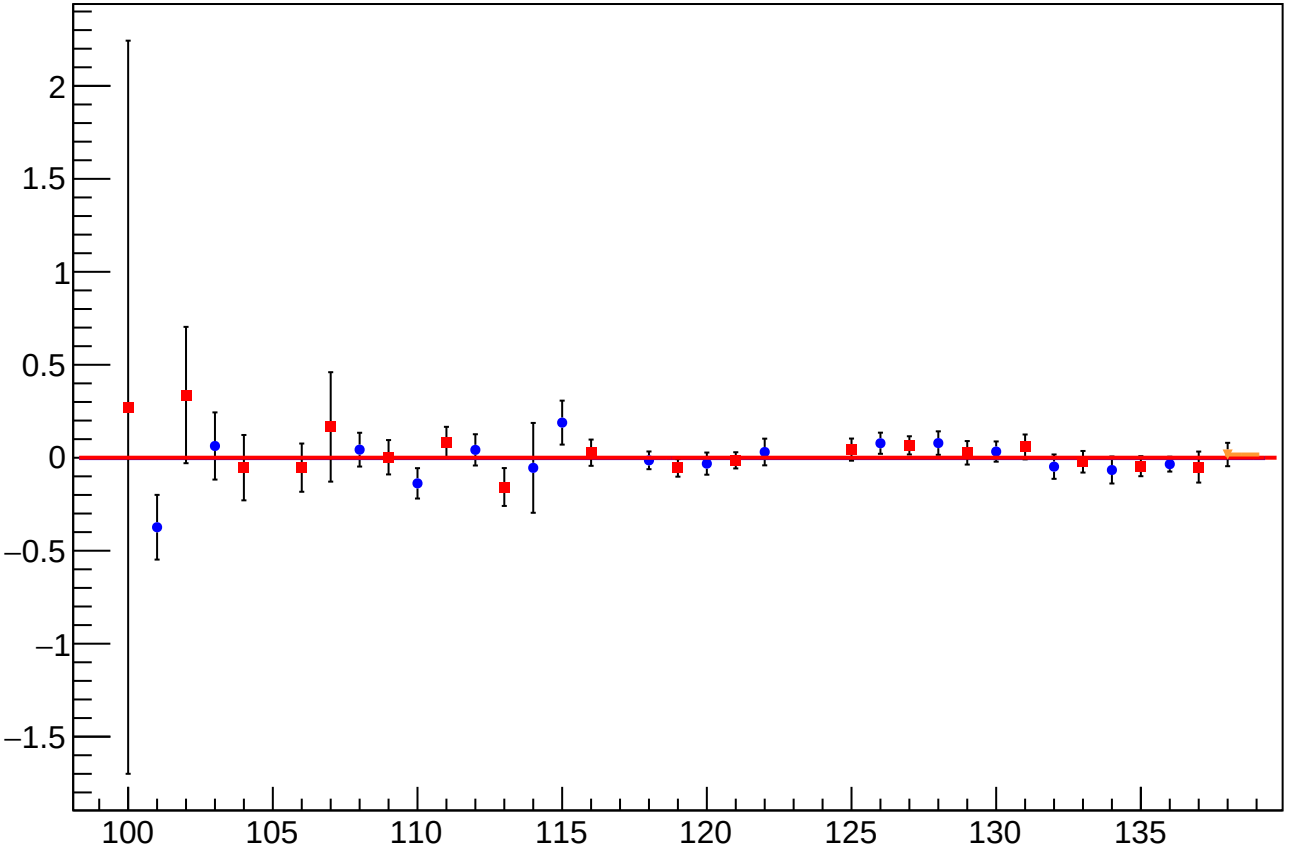
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.139+/-0.012 χ^2/NDF: 1471726.4/16

All: 39.005+/-0.008 χ^2/NDF: 3376608.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002+/-0.017 χ^2/NDF: 17.1/15

Left Out: 0.017+/-0.063 χ^2/NDF:0.0/0

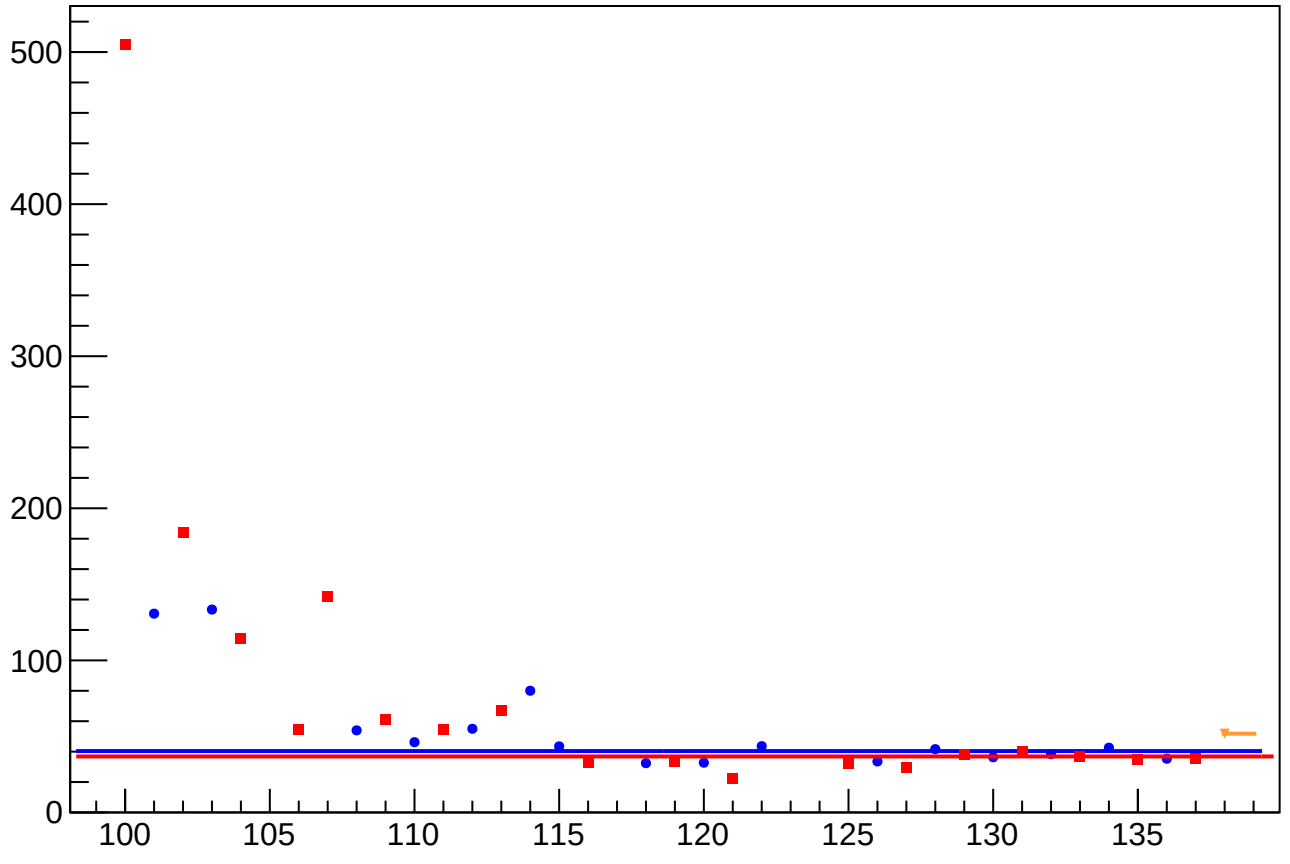
Right Out: 0.000+/-0.017 χ^2/NDF: 10.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.016 χ^2/NDF: 17.2/16

All: -0.000+/-0.012 χ^2/NDF: 28.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 40.352+/-0.012 χ^2/NDF: 1410036.7/15

Left Out: 51.796+/-0.044 χ^2/NDF:0.0/0

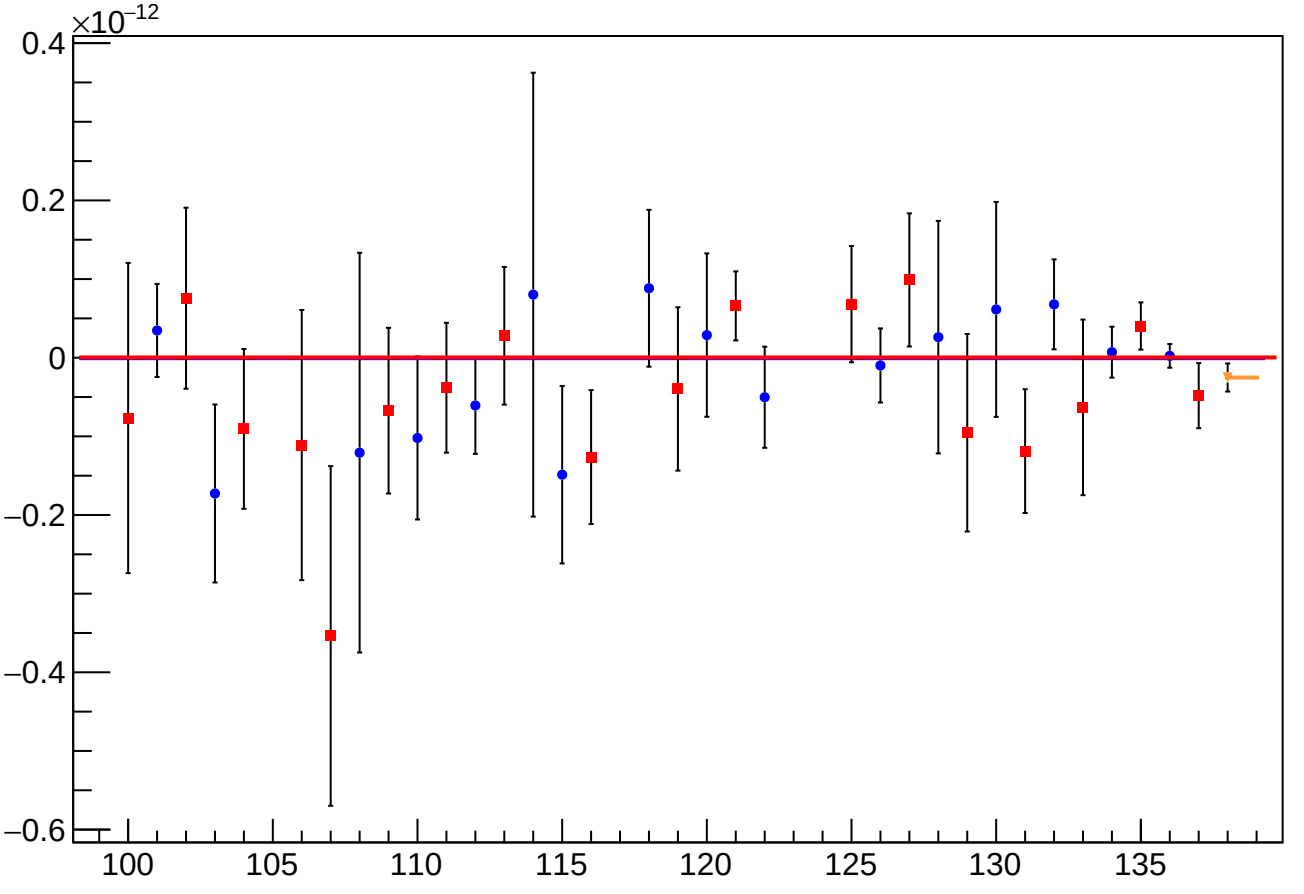
Right Out: 36.824+/-0.012 χ^2/NDF: 1837118.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.139+/-0.012 χ^2/NDF: 1471726.4/16

All: 39.005+/-0.008 χ^2/NDF: 3376608.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 9.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

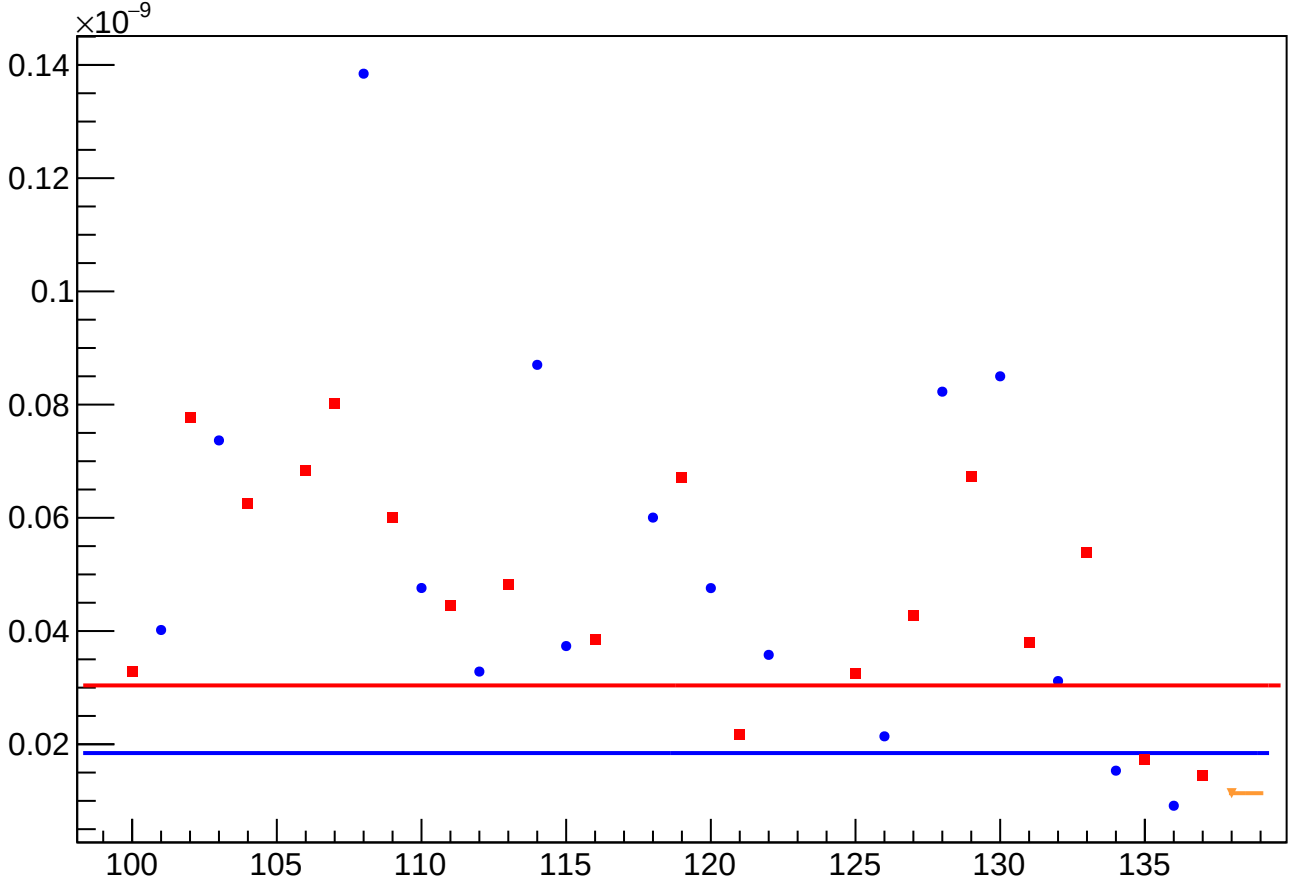
Right Out: 0.000+/-0.000 χ^2/NDF: 18.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 11.2/16

All: -0.000+/-0.000 χ^2/NDF: 29.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 4022915.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

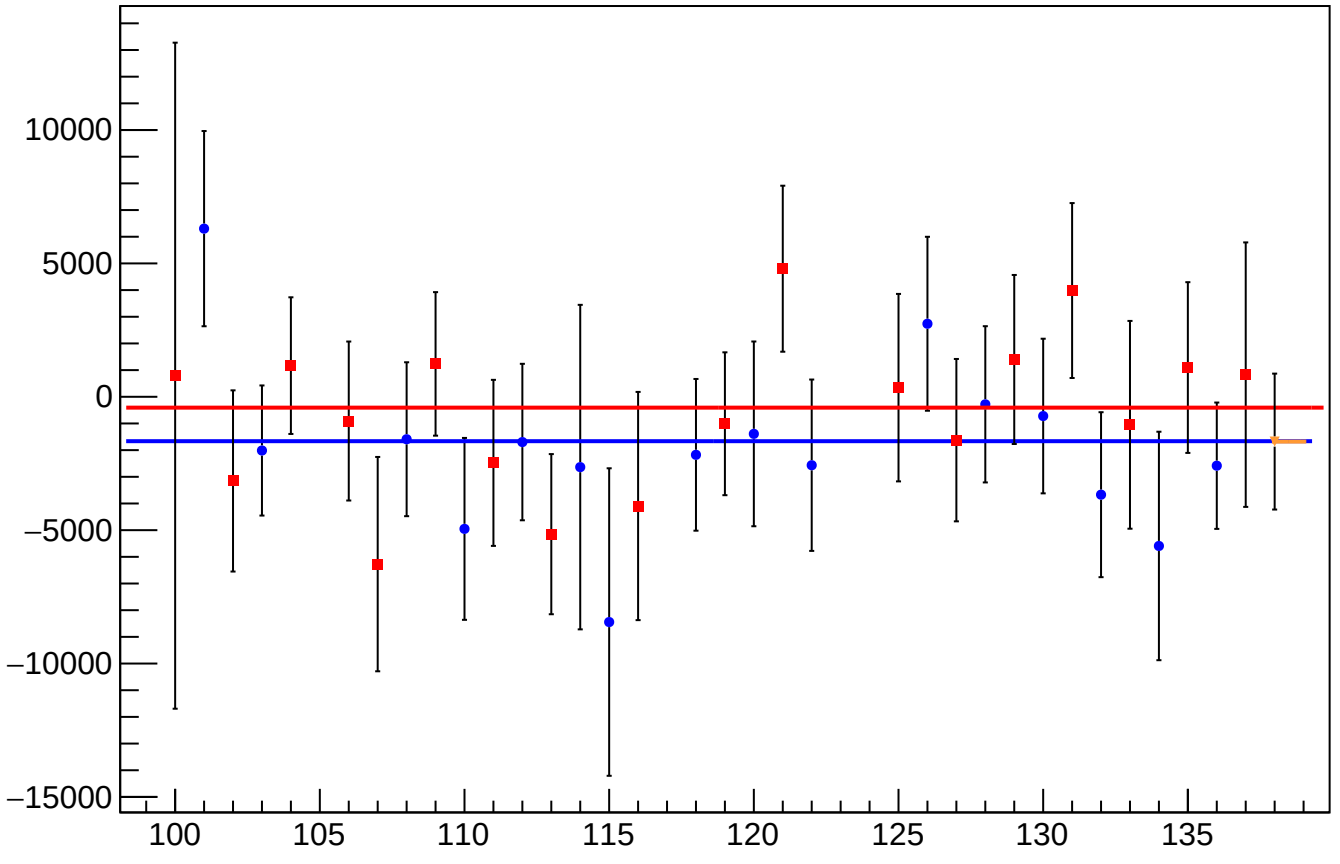
Right Out: 0.000+/-0.000 χ^2/NDF: 2387224.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4244915.2/16

All: 0.000+/-0.000 χ^2/NDF: 7711816.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1664.305+/-792.164 χ^2/NDF: 10.8/15

Left Out: -1679.187+/-2547.592 χ^2/NDF:0.0/0

Right Out: -406.847+/-777.158 χ^2/NDF: 12.7/17

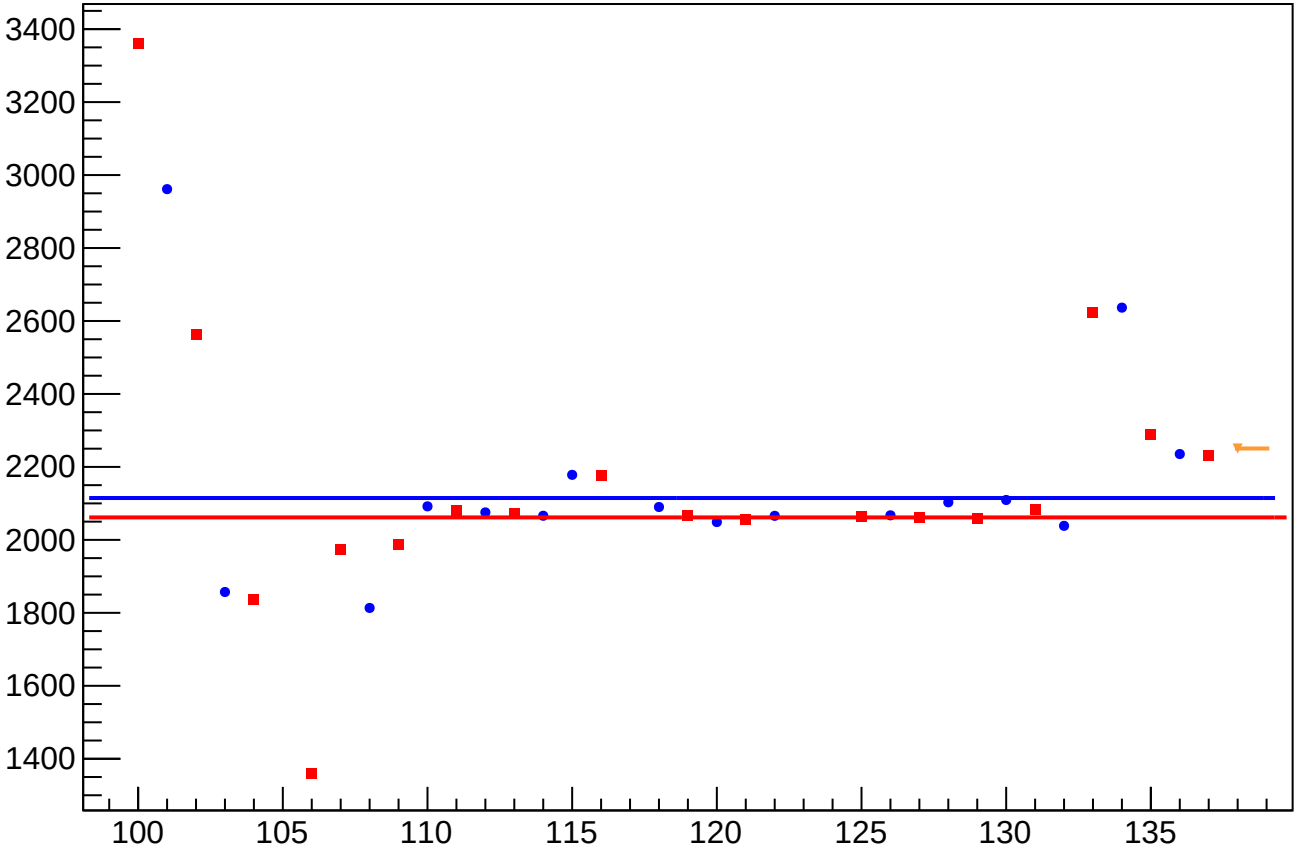
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1665.617+/-756.438 χ^2/NDF: 10.8/16

All: -1053.236+/-542.060 χ^2/NDF: 24.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2114.755+/-0.560 χ^2/NDF: 189920.6/15

Left Out: 2250.514+/-1.801 χ^2/NDF:0.0/0

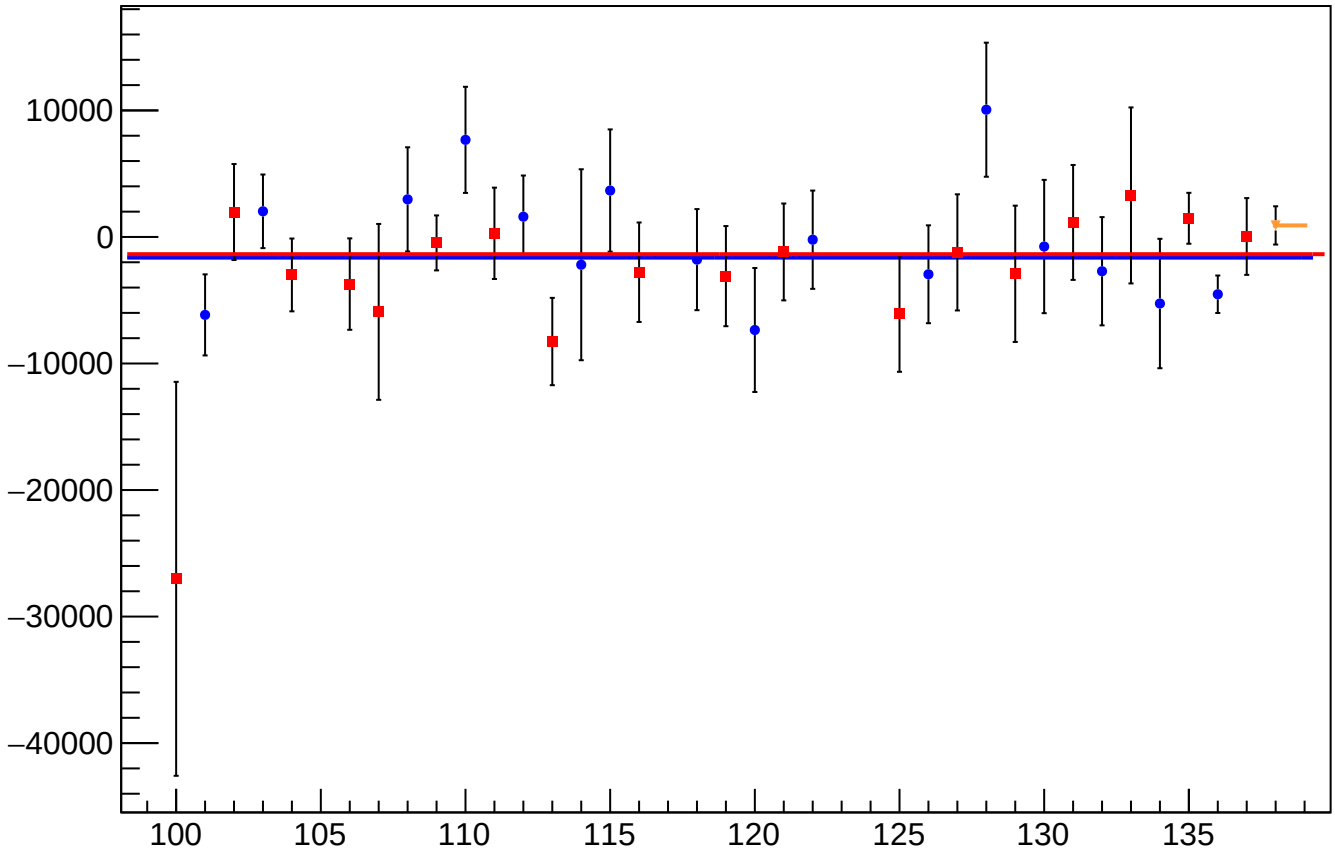
Right Out: 2061.560+/-0.550 χ^2/NDF: 249186.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2126.724+/-0.535 χ^2/NDF: 195099.3/16

All: 2095.022+/-0.383 χ^2/NDF: 451506.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1630.474+/-862.417 χ^2/NDF: 22.9/15

Left Out: 912.169+/-1511.698 χ^2/NDF:0.0/0

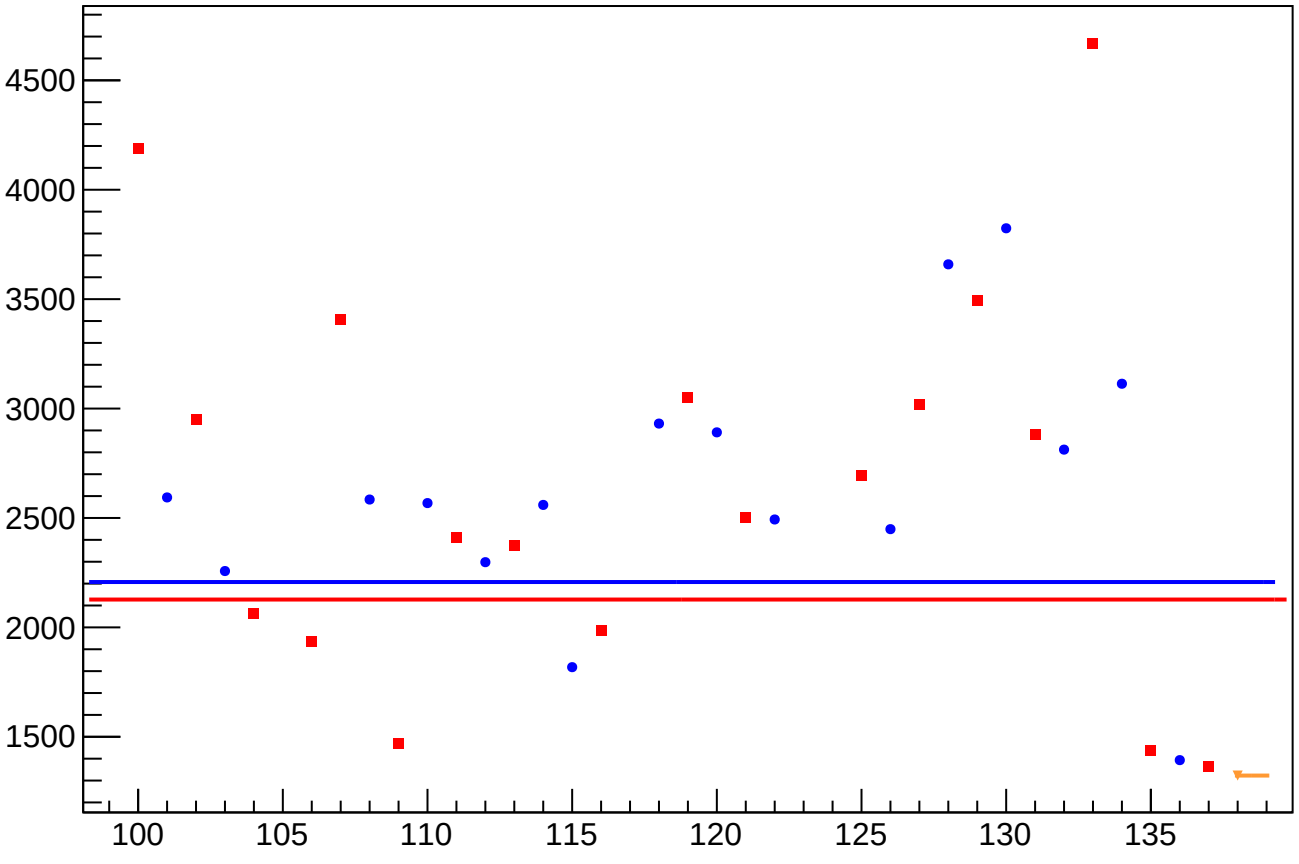
Right Out: -1361.841+/-840.417 χ^2/NDF: 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1006.134+/-749.088 χ^2/NDF: 25.0/16

All: -1163.617+/-559.198 χ^2/NDF: 38.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2207.254+/-0.610 χ^2/NDF: 1249266.5/15

Left Out: 1322.797+/-1.069 χ^2/NDF:0.0/0

Right Out: 2127.224+/-0.594 χ^2/NDF: 1458046.9/17

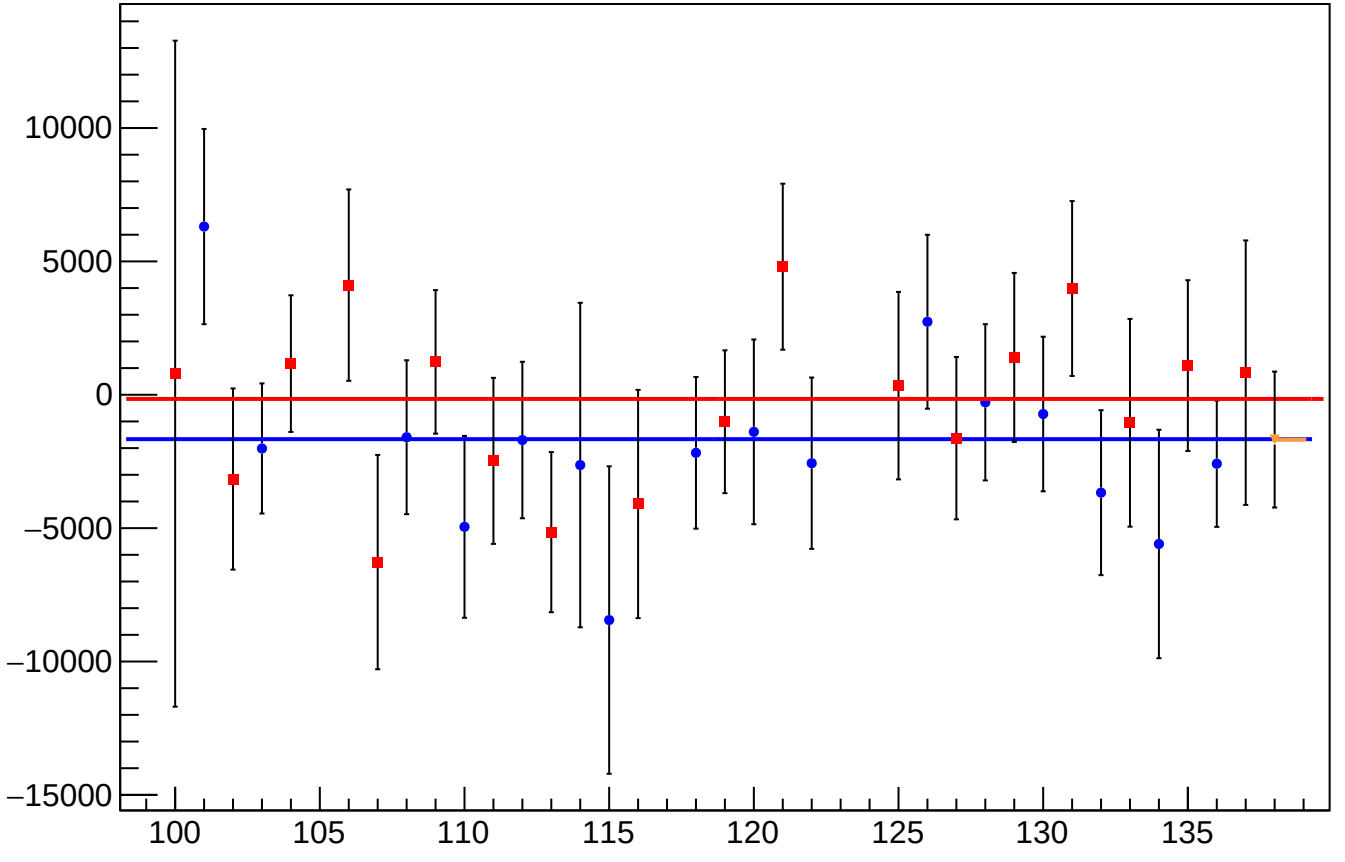
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1990.077+/-0.530 χ^2/NDF: 1765783.2/16

All: 2050.797+/-0.395 χ^2/NDF: 3253510.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1664.231+/-792.164 χ^2/NDF: 10.8/15

Left Out: -1679.081+/-2547.592 χ^2/NDF:0.0/0

Right Out: -155.775+/-785.481 χ^2/NDF: 14.2/17

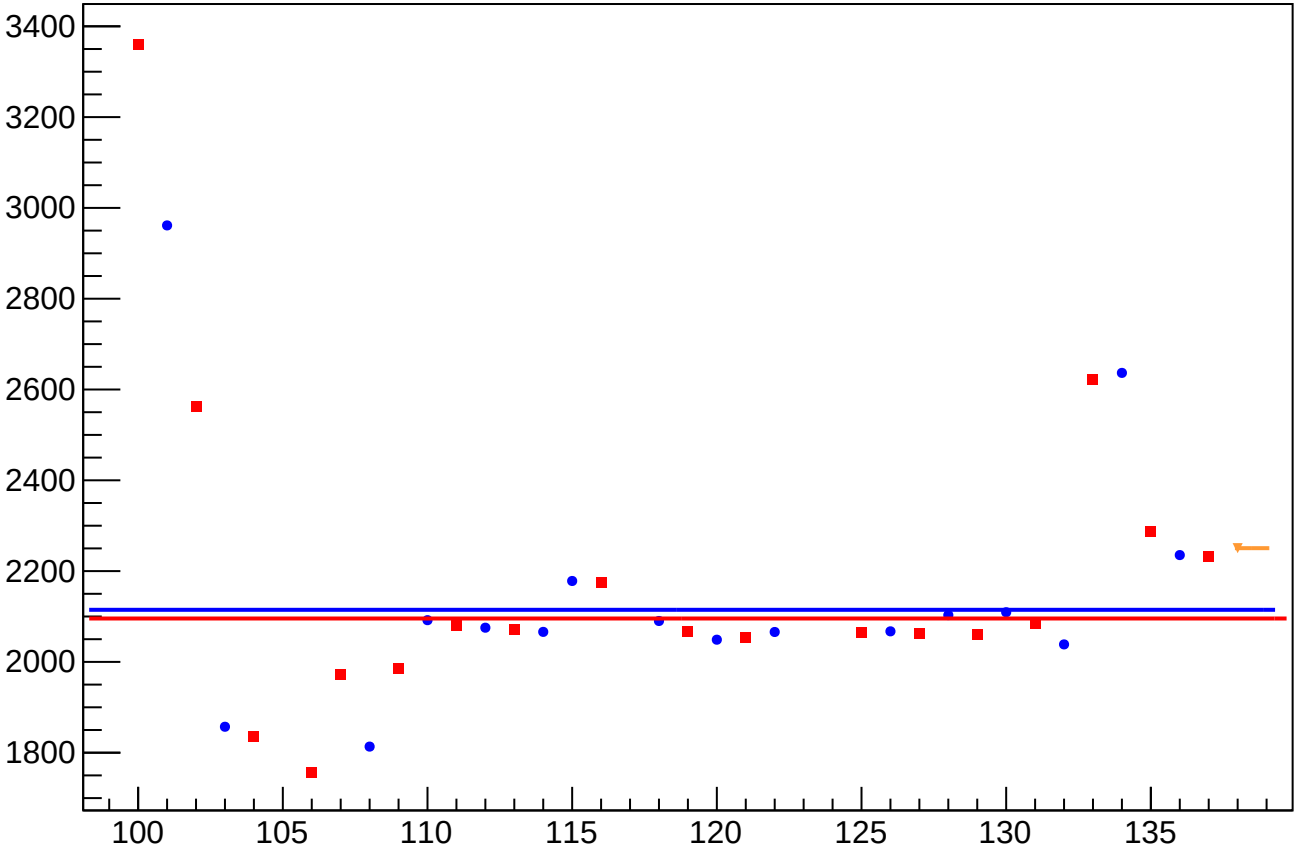
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1665.540+/-756.438 χ^2/NDF: 10.8/16

All: -939.085+/-544.861 χ^2/NDF: 26.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2114.755+/-0.560 χ^2/NDF: 189920.9/15

Left Out: 2250.515+/-1.801 χ^2/NDF:0.0/0

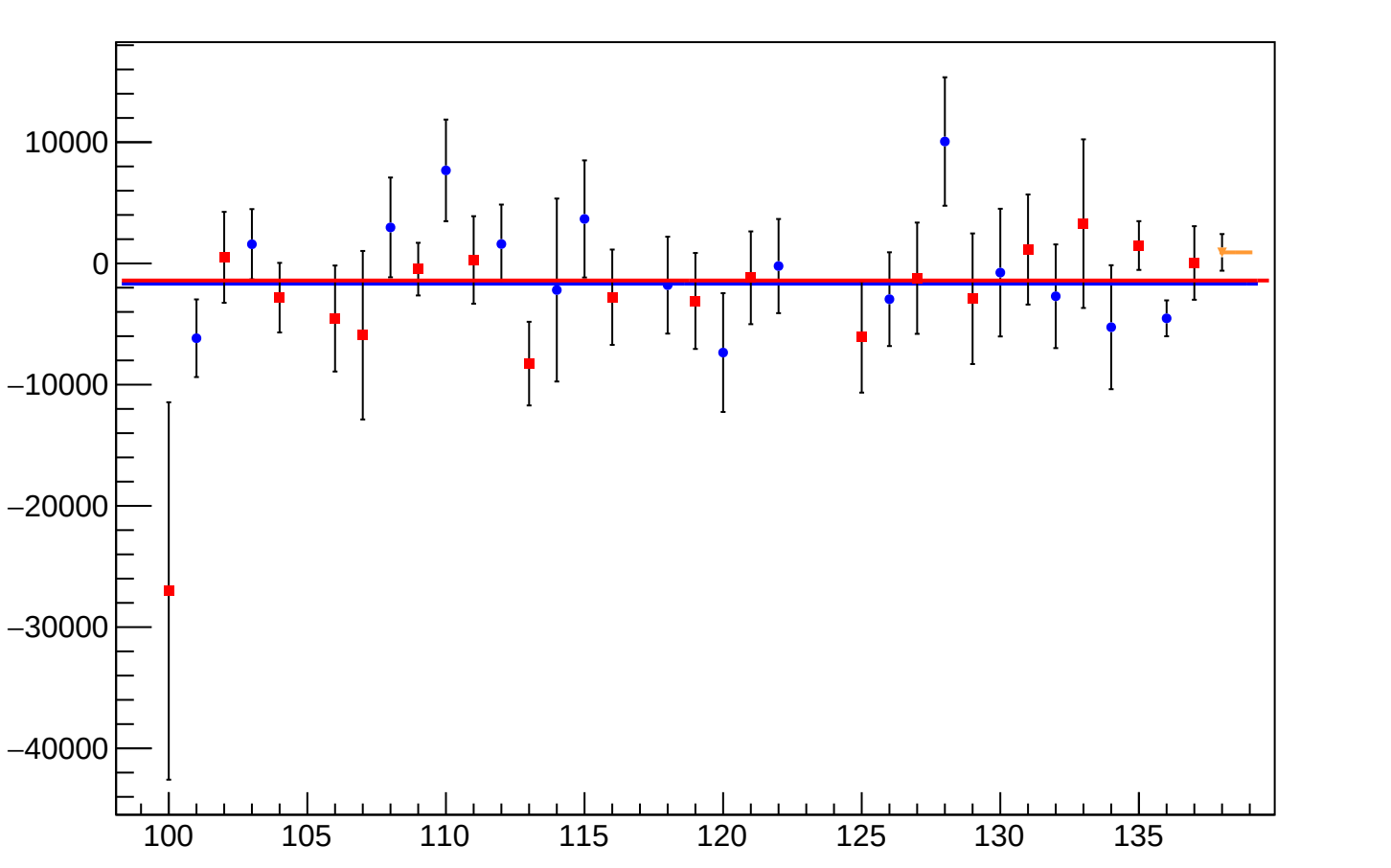
Right Out: 2095.597+/-0.555 χ^2/NDF: 149360.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2126.724+/-0.535 χ^2/NDF: 195099.7/16

All: 2111.746+/-0.385 χ^2/NDF: 346089.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1668.482+/-862.126 χ^2/NDF: 22.5/15

Left Out: 912.097+/-1511.688 χ^2/NDF:0.0/0

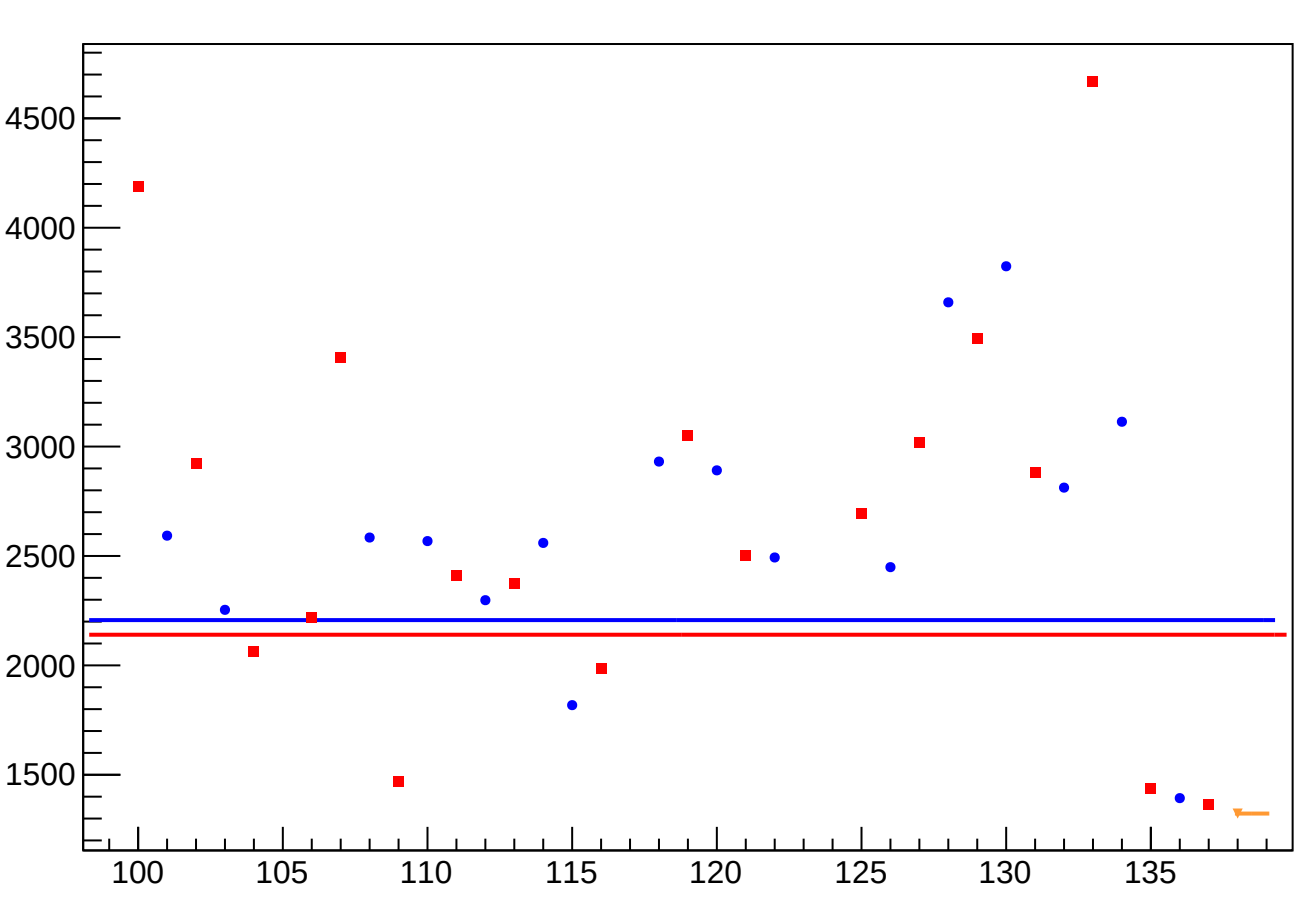
Right Out: -1407.975+/-847.068 χ^2/NDF: 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1035.143+/-748.896 χ^2/NDF: 24.7/16

All: -1198.712+/-561.063 χ^2/NDF: 37.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2206.918+/-0.610 χ^2/NDF: 1249024.4/15

Left Out: 1322.789+/-1.069 χ^2/NDF:0.0/0

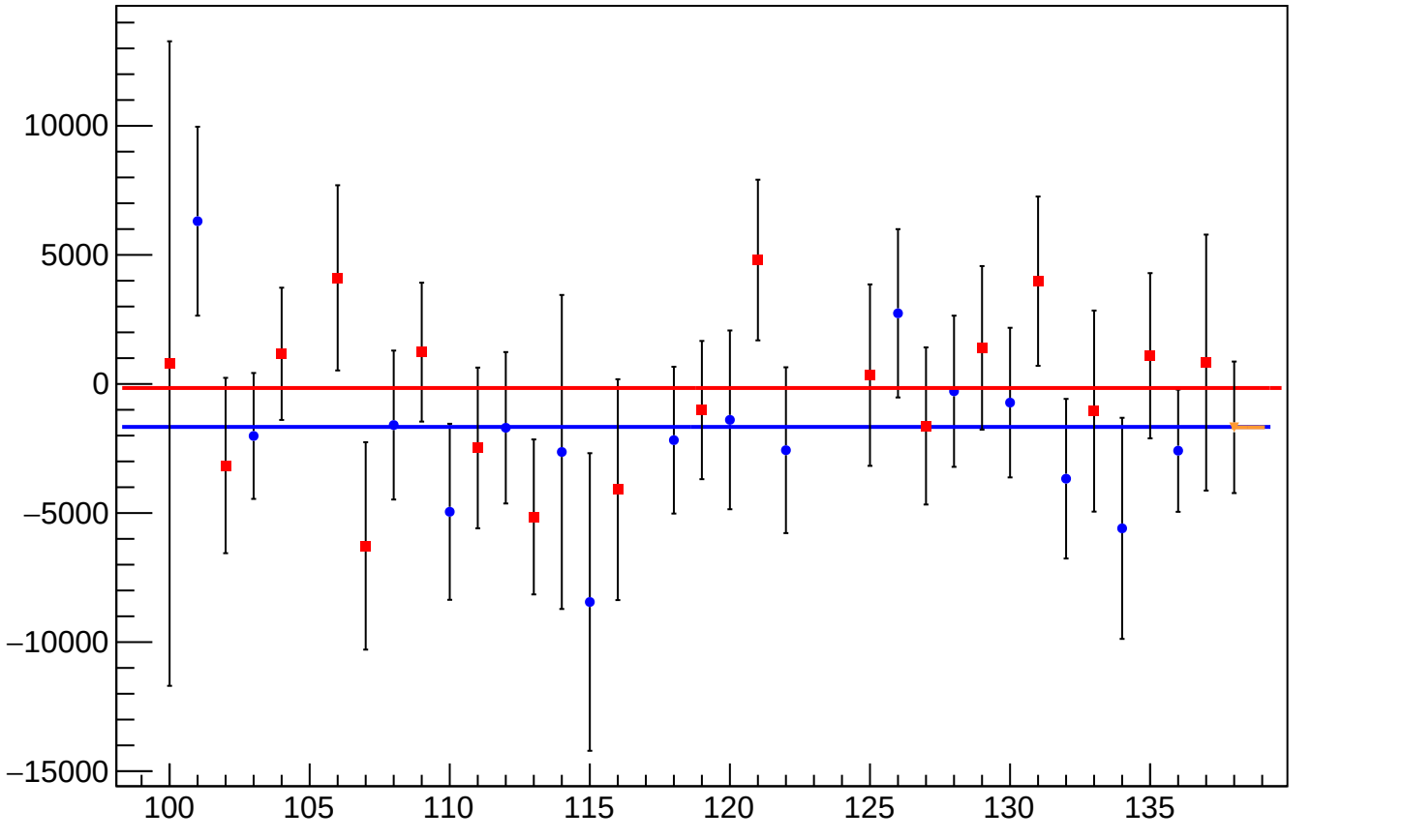
Right Out: 2140.060+/-0.599 χ^2/NDF: 1448366.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1989.930+/-0.530 χ^2/NDF: 1765249.1/16

All: 2055.795+/-0.397 χ^2/NDF: 3248877.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1664.231+/-792.164 χ^2/NDF: 10.8/15

Left Out: -1679.081+/-2547.592 χ^2/NDF:0.0/0

Right Out: -155.775+/-785.481 χ^2/NDF: 14.2/17

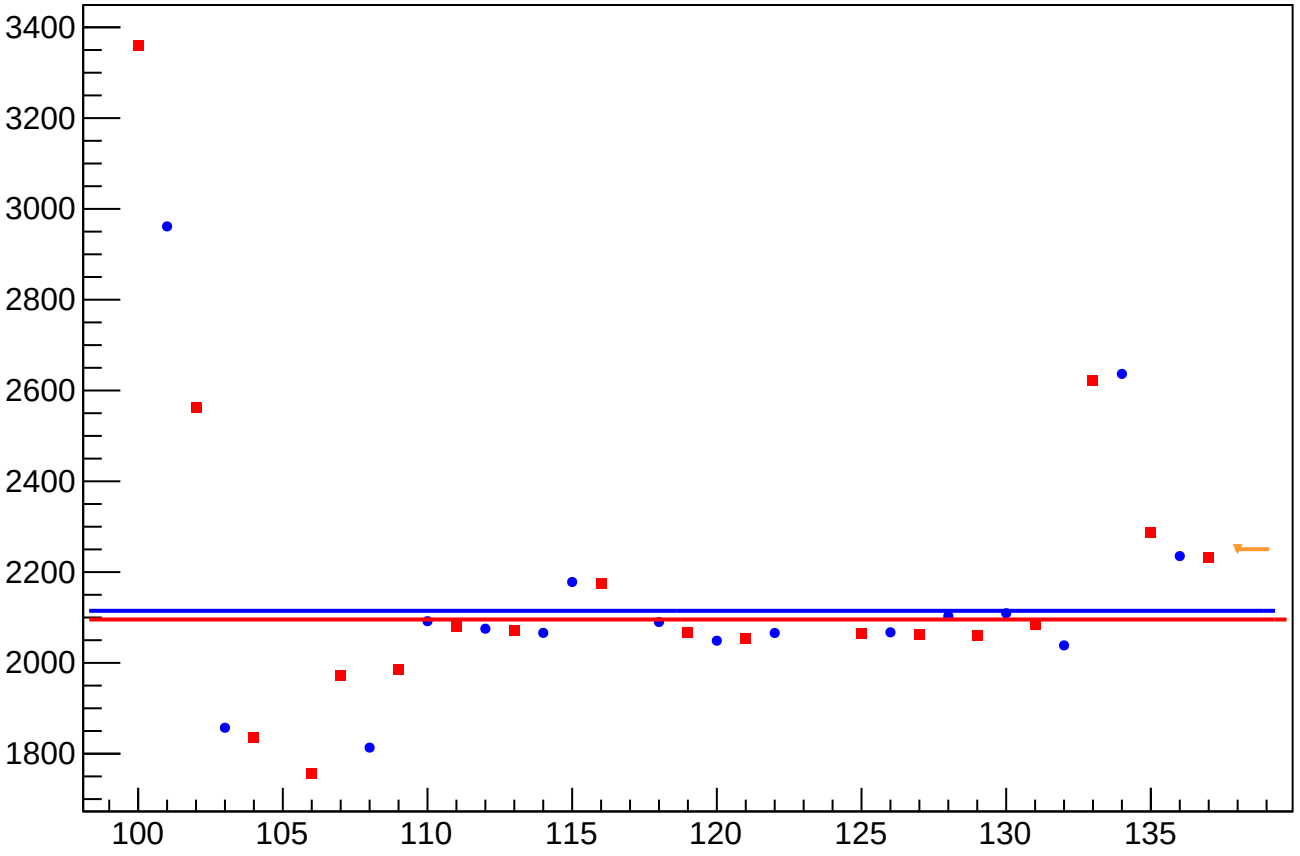
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1665.540+/-756.438 χ^2/NDF: 10.8/16

All: -939.085+/-544.861 χ^2/NDF: 26.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2114.755+/-0.560 χ^2/NDF: 189920.9/15

Left Out: 2250.515+/-1.801 χ^2/NDF:0.0/0

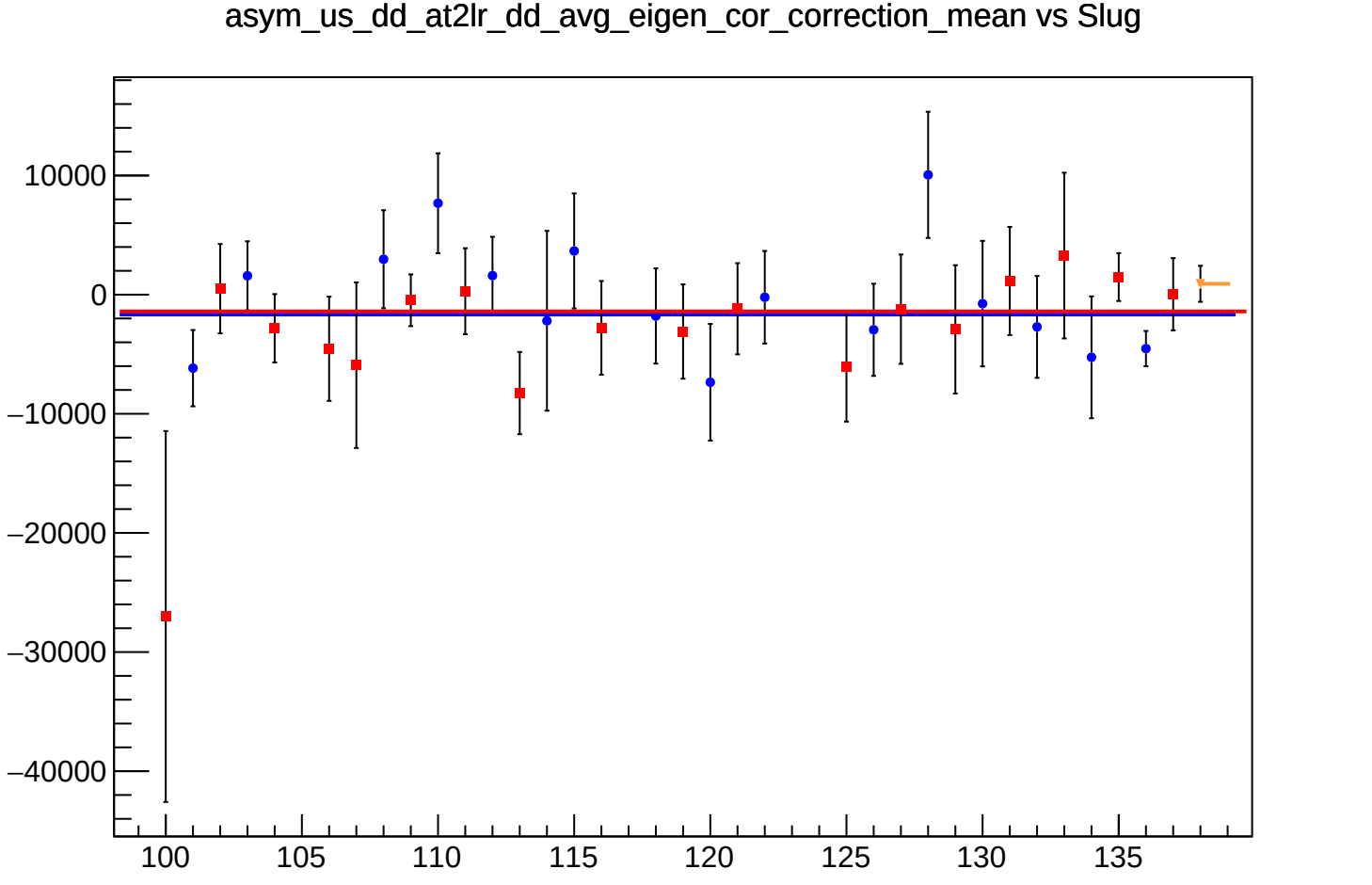
Right Out: 2095.597+/-0.555 χ^2/NDF: 149360.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2126.724+/-0.535 χ^2/NDF: 195099.7/16

All: 2111.746+/-0.385 χ^2/NDF: 346089.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1668.482+/-862.126 χ^2/NDF: 22.5/15

Left Out: 912.097+/-1511.688 χ^2/NDF:0.0/0

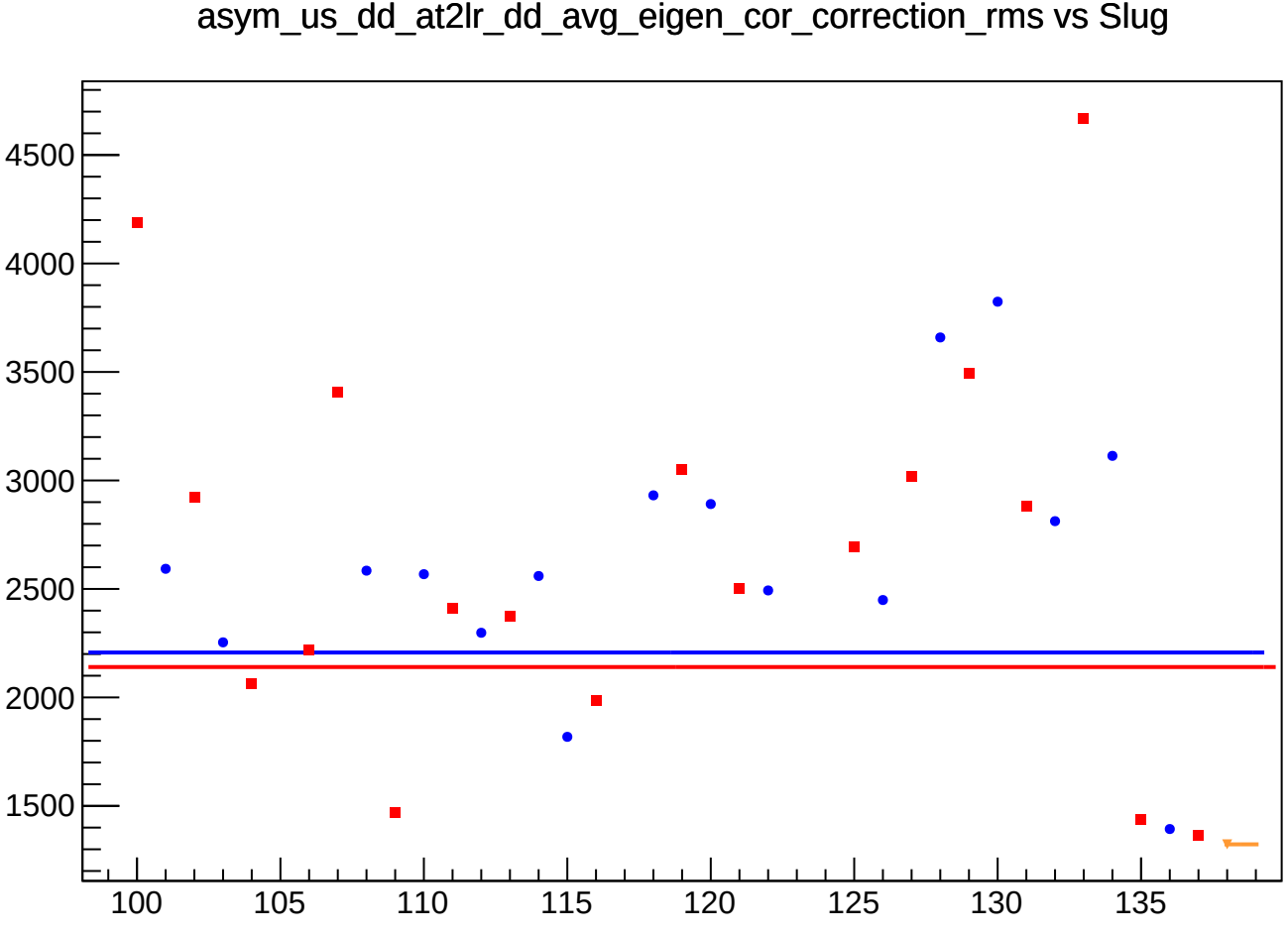
Right Out: -1407.975+/-847.068 χ^2/NDF: 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1035.143+/-748.896 χ^2/NDF: 24.7/16

All: -1198.712+/-561.063 χ^2/NDF: 37.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2206.918+/-0.610 χ^2/NDF: 1249024.4/15

Left Out: 1322.789+/-1.069 χ^2/NDF:0.0/0

Right Out: 2140.060+/-0.599 χ^2/NDF: 1448366.8/17

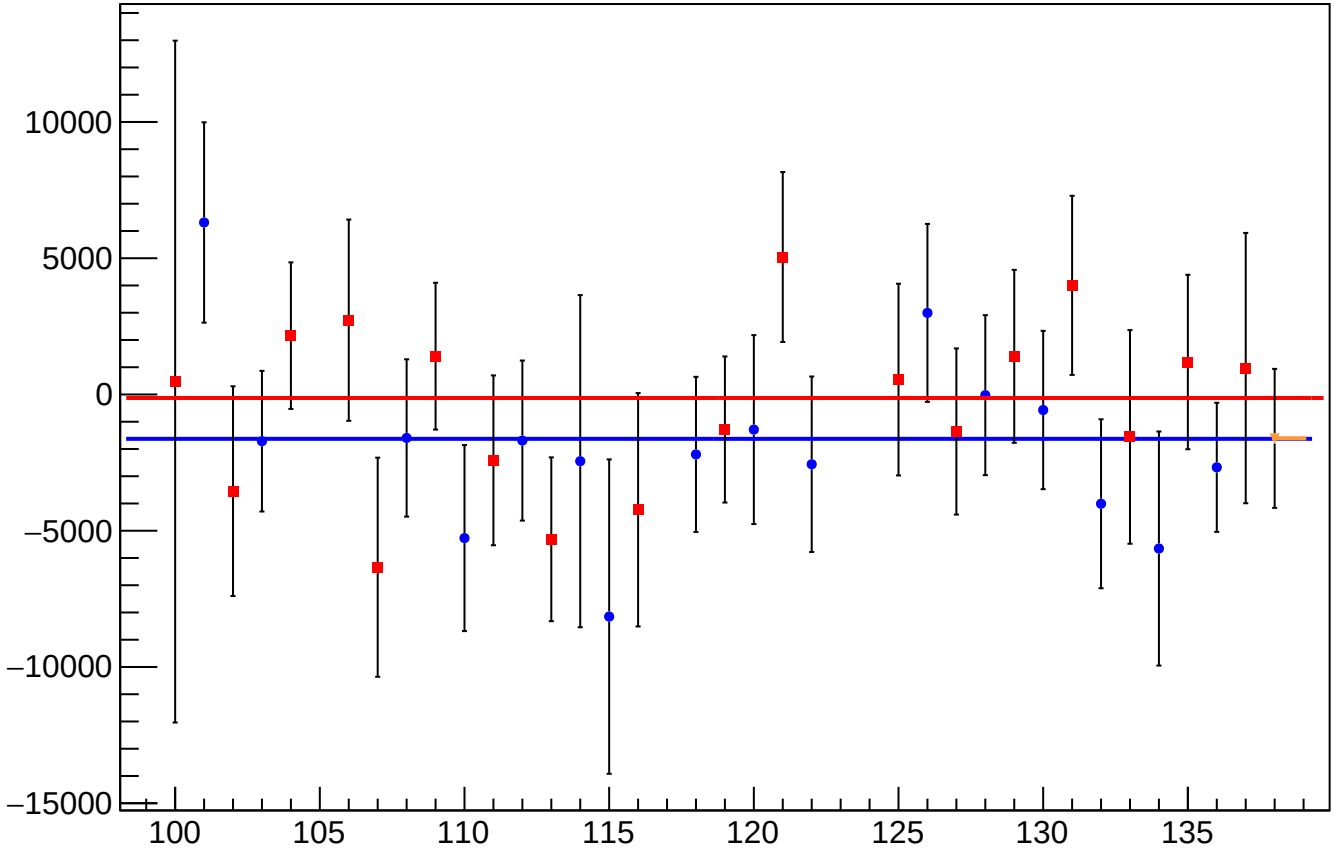
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1989.930+/-0.530 χ^2/NDF: 1765249.1/16

All: 2055.795+/-0.397 χ^2/NDF: 3248877.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1627.635+/-797.966 χ^2/NDF: 11.3/15

Left Out: -1611.185+/-2550.150 χ^2/NDF:0.0/0

Right Out: -128.099+/-795.899 χ^2/NDF: 14.6/17

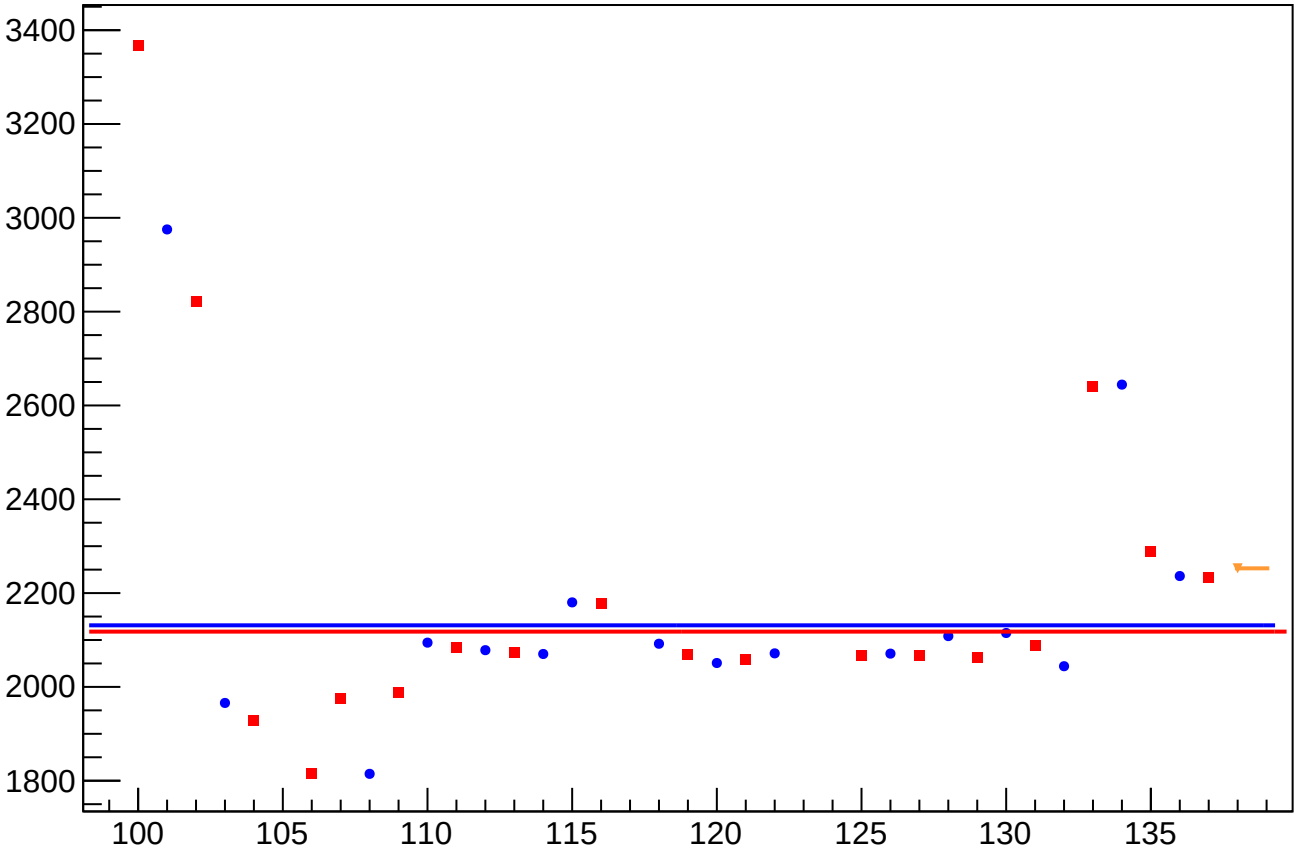
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1626.168+/-761.554 χ^2/NDF: 11.3/16

All: -910.153+/-550.241 χ^2/NDF: 27.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2131.298+/-0.564 χ^2/NDF: 175943.3/15

Left Out: 2252.771+/-1.803 χ^2/NDF:0.0/0

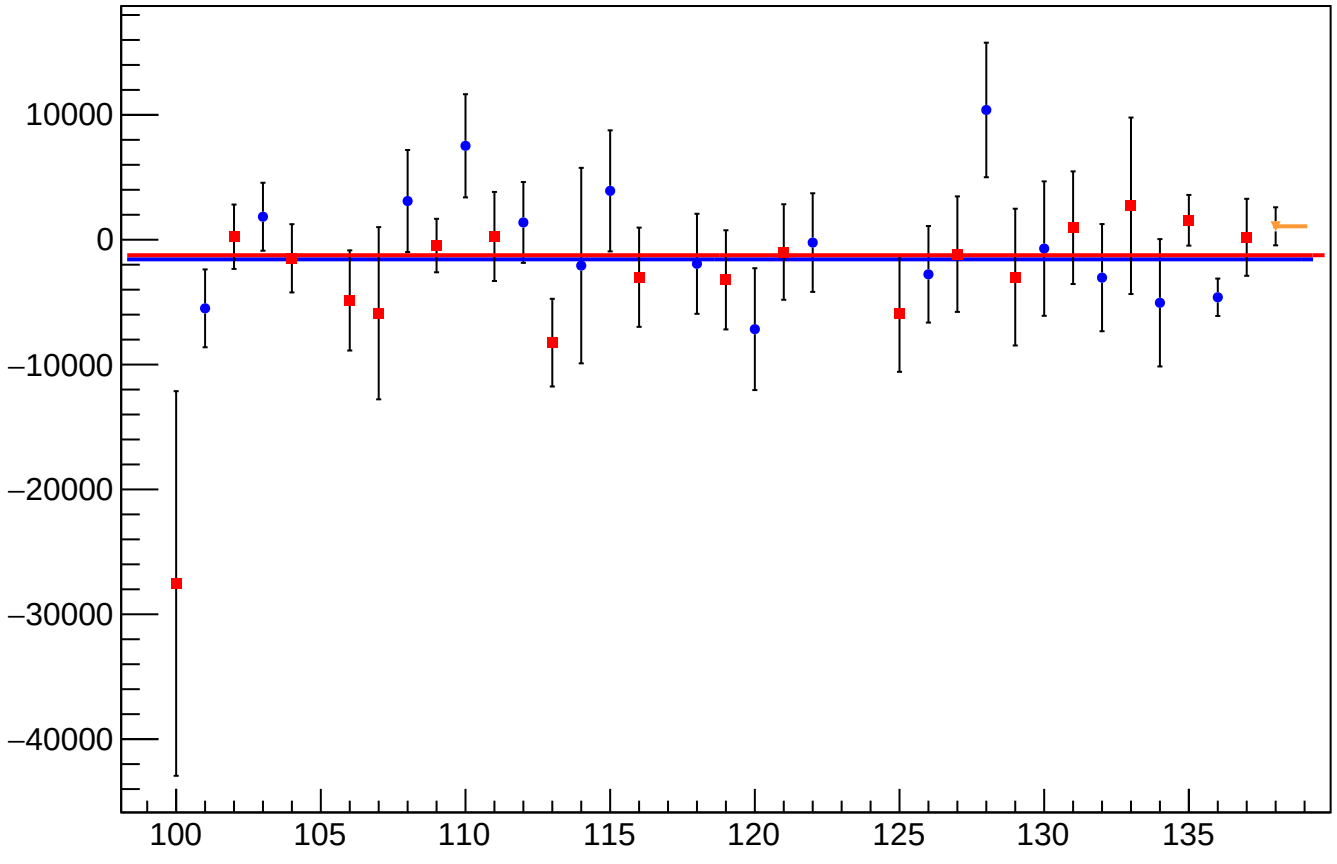
Right Out: 2117.868+/-0.563 χ^2/NDF: 163622.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2142.131+/-0.538 χ^2/NDF: 180076.5/16

All: 2130.534+/-0.389 χ^2/NDF: 344669.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1571.073+/-859.754 χ^2/NDF: 22.6/15

Left Out: 1074.786+/-1523.942 χ^2/NDF:0.0/0

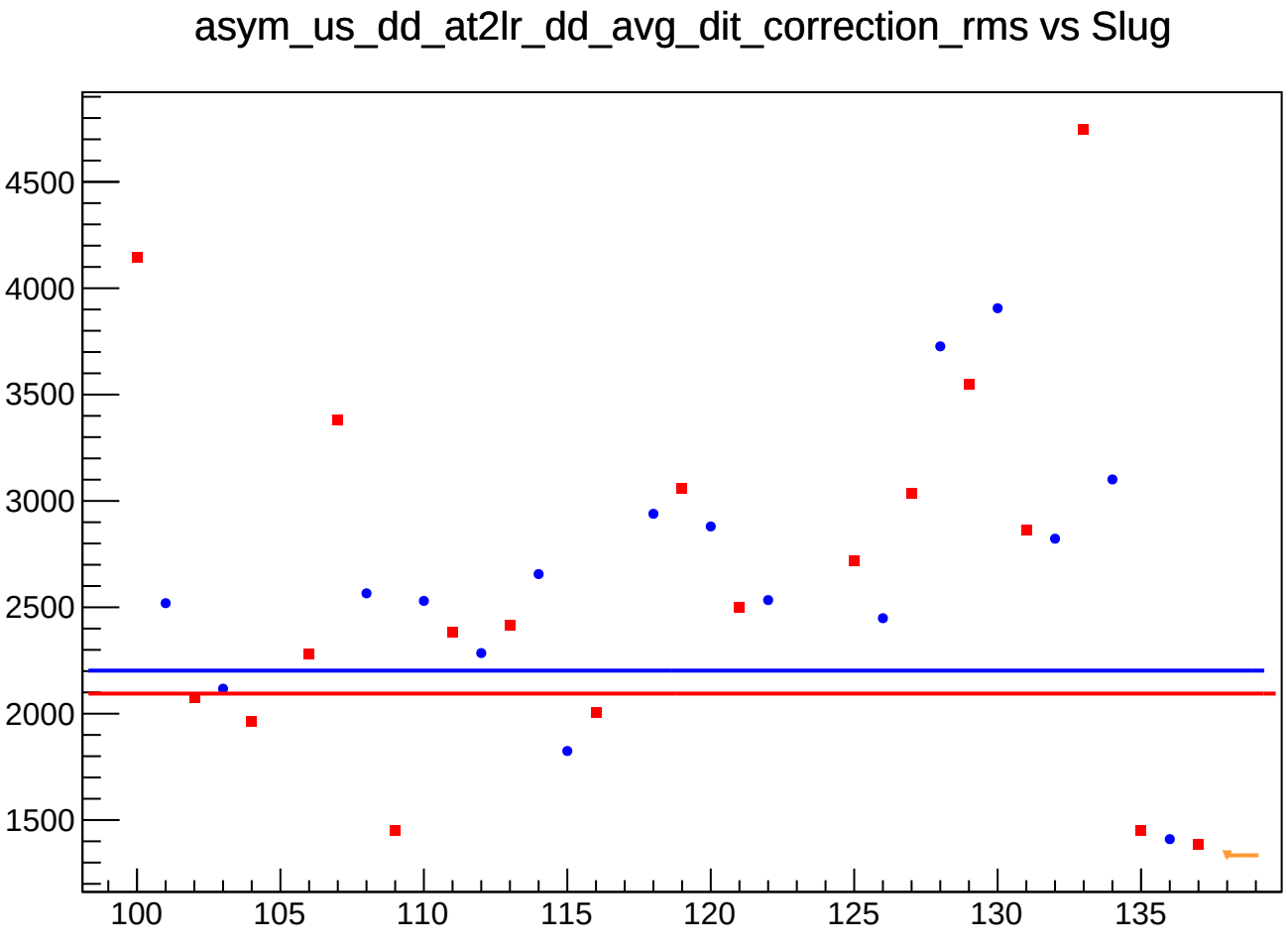
Right Out: -1241.008+/-819.775 χ^2/NDF: 13.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -932.266+/-748.807 χ^2/NDF: 24.9/16

All: -1072.697+/-552.877 χ^2/NDF: 38.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2202.378+/-0.608 χ^2/NDF: 1222965.0/15

Left Out: 1334.023+/-1.078 χ^2/NDF:0.0/0

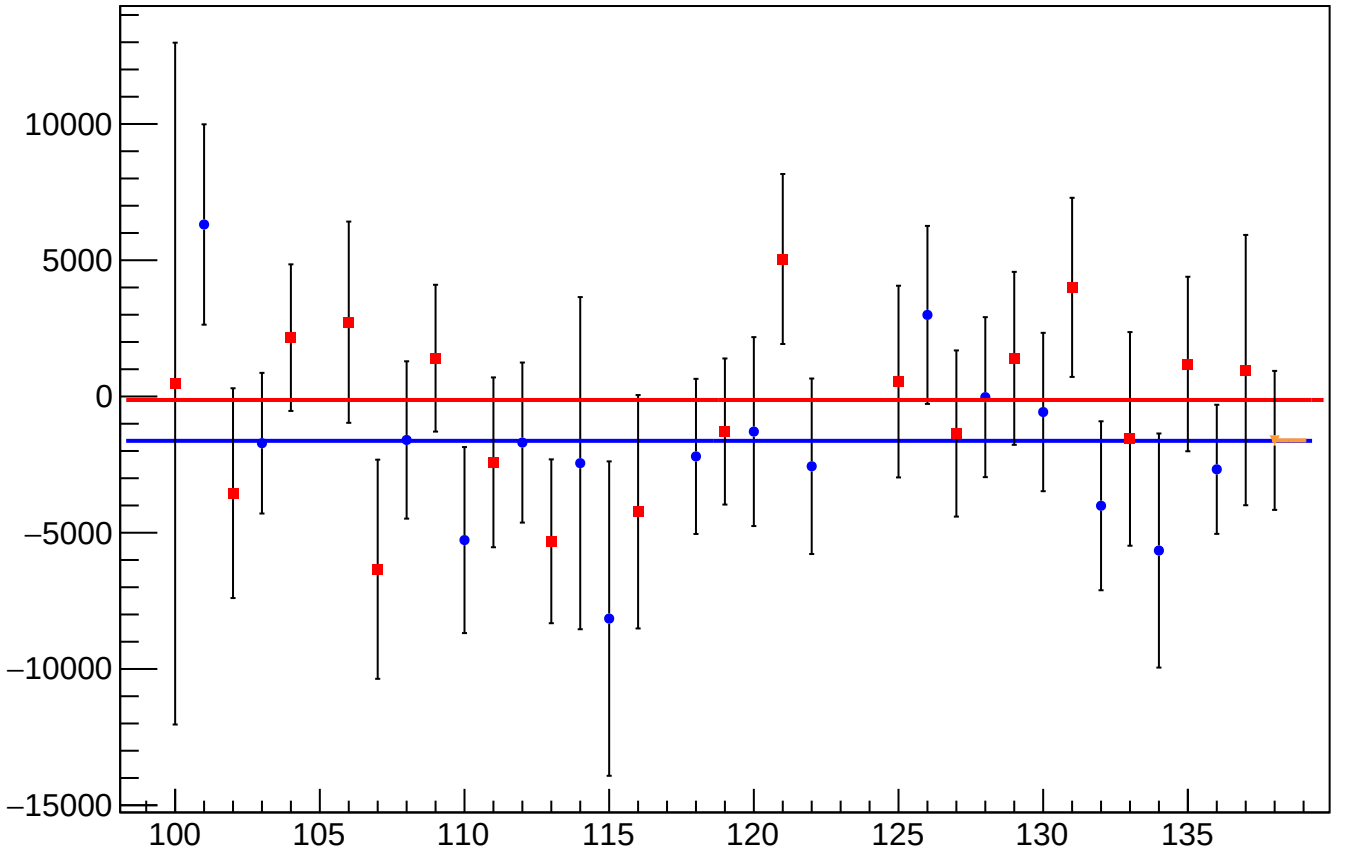
Right Out: 2094.445+/-0.580 χ^2/NDF: 1373676.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1992.726+/-0.529 χ^2/NDF: 1715548.9/16

All: 2038.993+/-0.391 χ^2/NDF: 3106012.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1627.637+/-797.966 χ^2/NDF: 11.3/15

Left Out: -1611.149+/-2550.150 χ^2/NDF:0.0/0

Right Out: -128.093+/-795.899 χ^2/NDF: 14.6/17

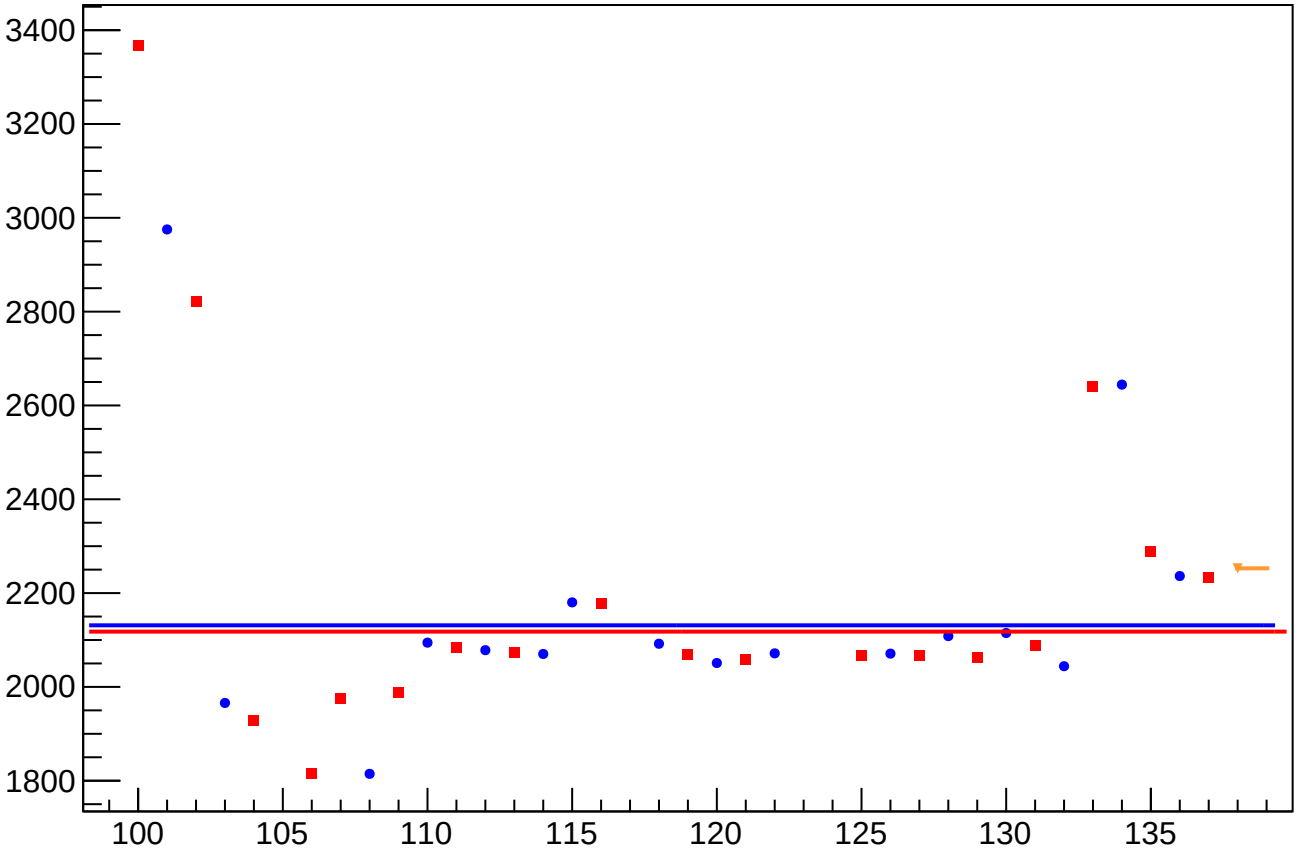
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1626.166+/-761.554 χ^2/NDF: 11.3/16

All: -910.149+/-550.241 χ^2/NDF: 27.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2131.298+/-0.564 χ^2/NDF: 175943.3/15

Left Out: 2252.771+/-1.803 χ^2/NDF:0.0/0

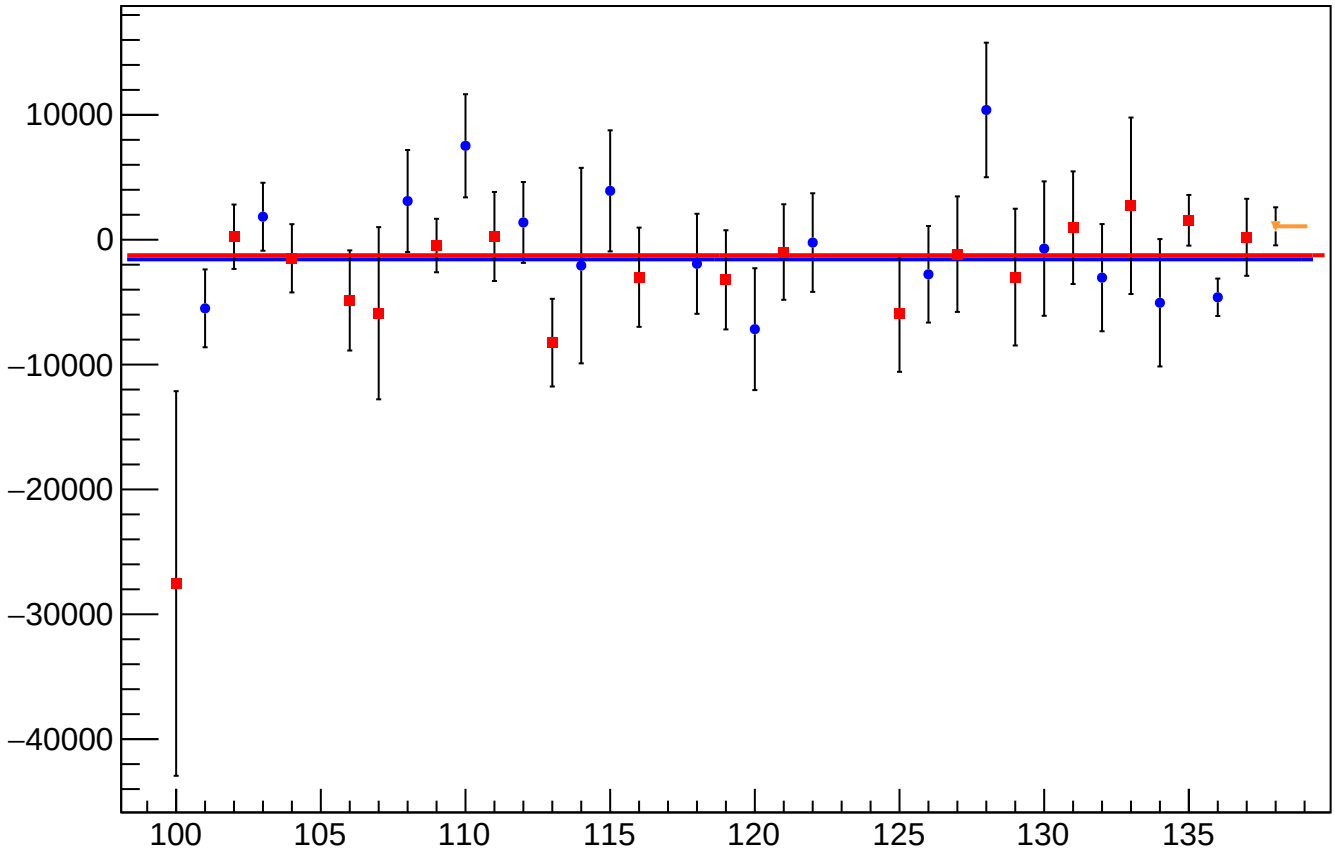
Right Out: 2117.868+/-0.563 χ^2/NDF: 163622.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2142.131+/-0.538 χ^2/NDF: 180076.5/16

All: 2130.534+/-0.389 χ^2/NDF: 344669.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1571.058+/-859.757 χ^2/NDF: 22.6/15

Left Out: 1074.816+/-1523.976 χ^2/NDF:0.0/0

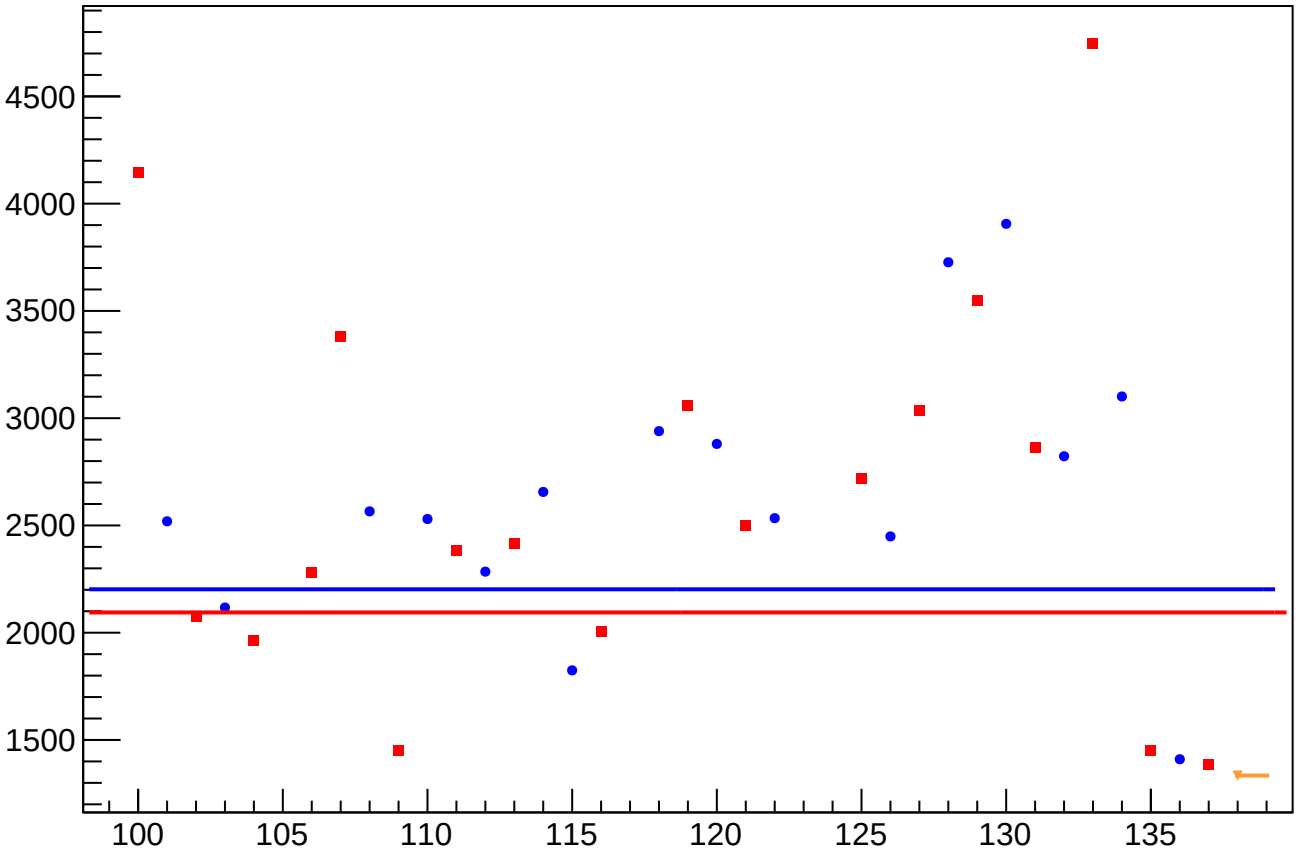
Right Out: -1241.023+/-819.778 χ^2/NDF: 13.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -932.266+/-748.813 χ^2/NDF: 24.9/16

All: -1072.704+/-552.880 χ^2/NDF: 38.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2202.391+/-0.608 χ^2/NDF: 1222905.3/15

Left Out: 1334.052+/-1.078 χ^2/NDF:0.0/0

Right Out: 2094.457+/-0.580 χ^2/NDF: 1373629.6/17

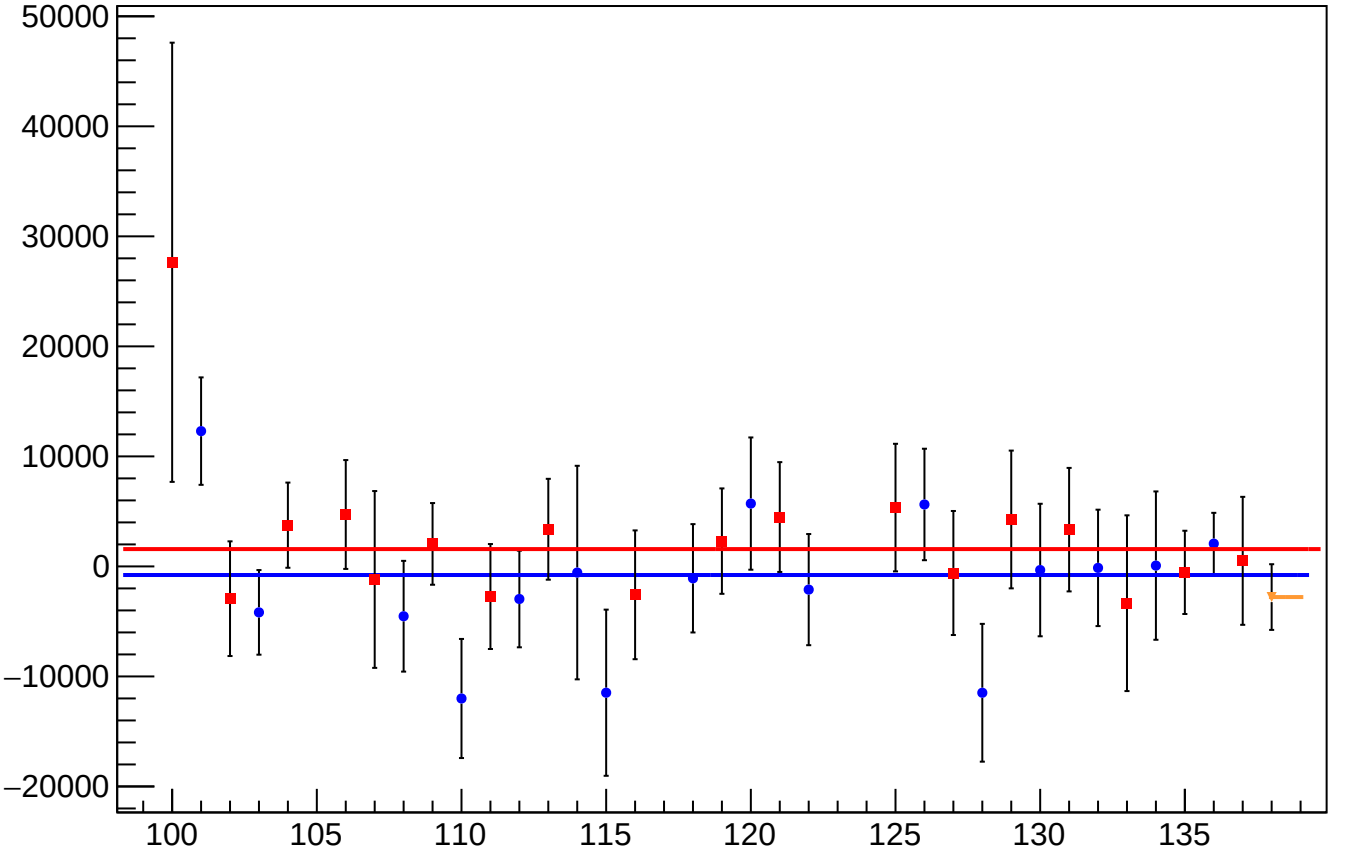
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1992.748+/-0.529 χ^2/NDF: 1715452.3/16

All: 2039.011+/-0.391 χ^2/NDF: 3105865.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -781.619+/-1241.711 χ^2/NDF: 21.9/15

Left Out: -2785.787+/-2984.806 χ^2/NDF:0.0/0

Right Out: 1574.673+/-1218.961 χ^2/NDF: 6.7/17

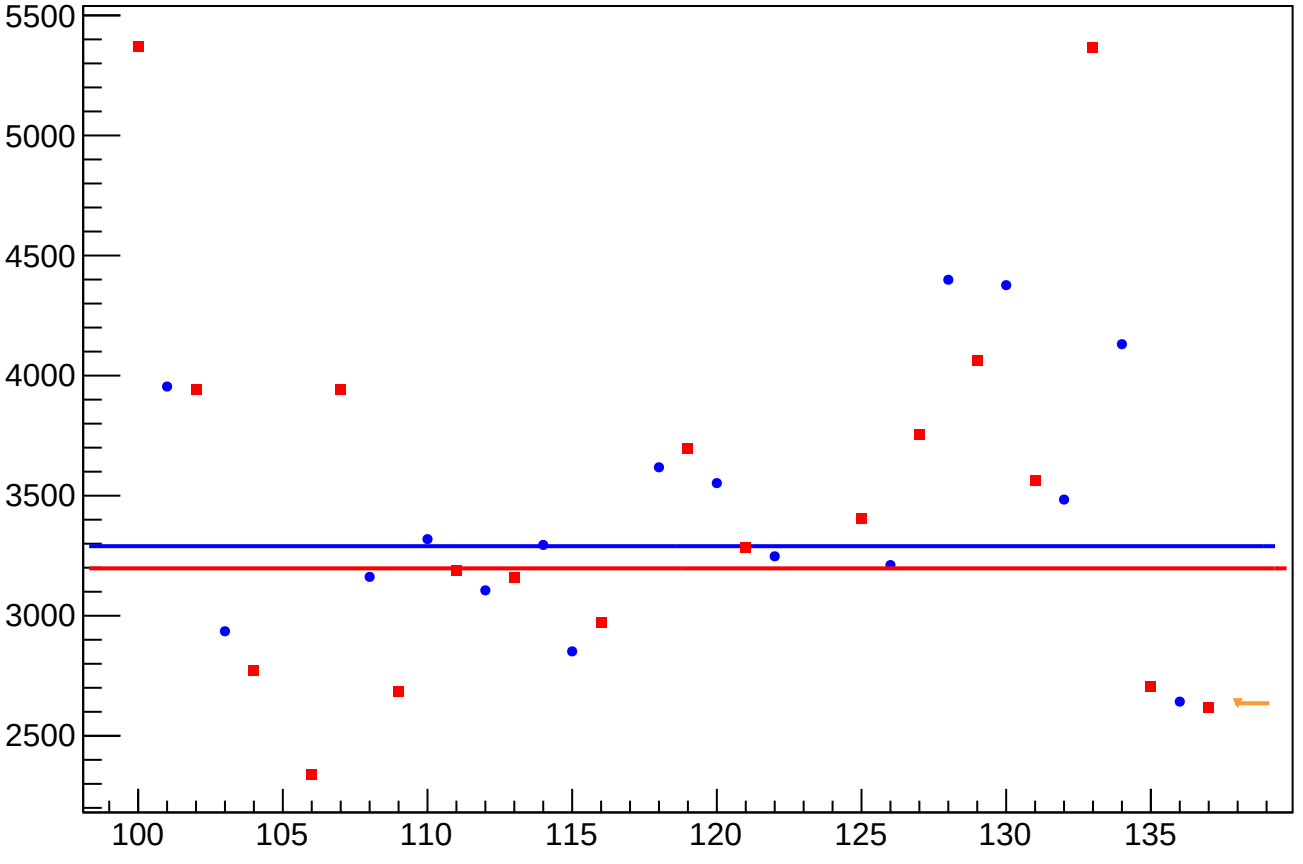
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1077.299+/-1146.462 χ^2/NDF: 22.3/16

All: 167.482+/-835.125 χ^2/NDF: 31.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3289.690+/-0.878 χ^2/NDF: 347594.0/15

Left Out: 2635.630+/-2.111 χ^2/NDF:0.0/0

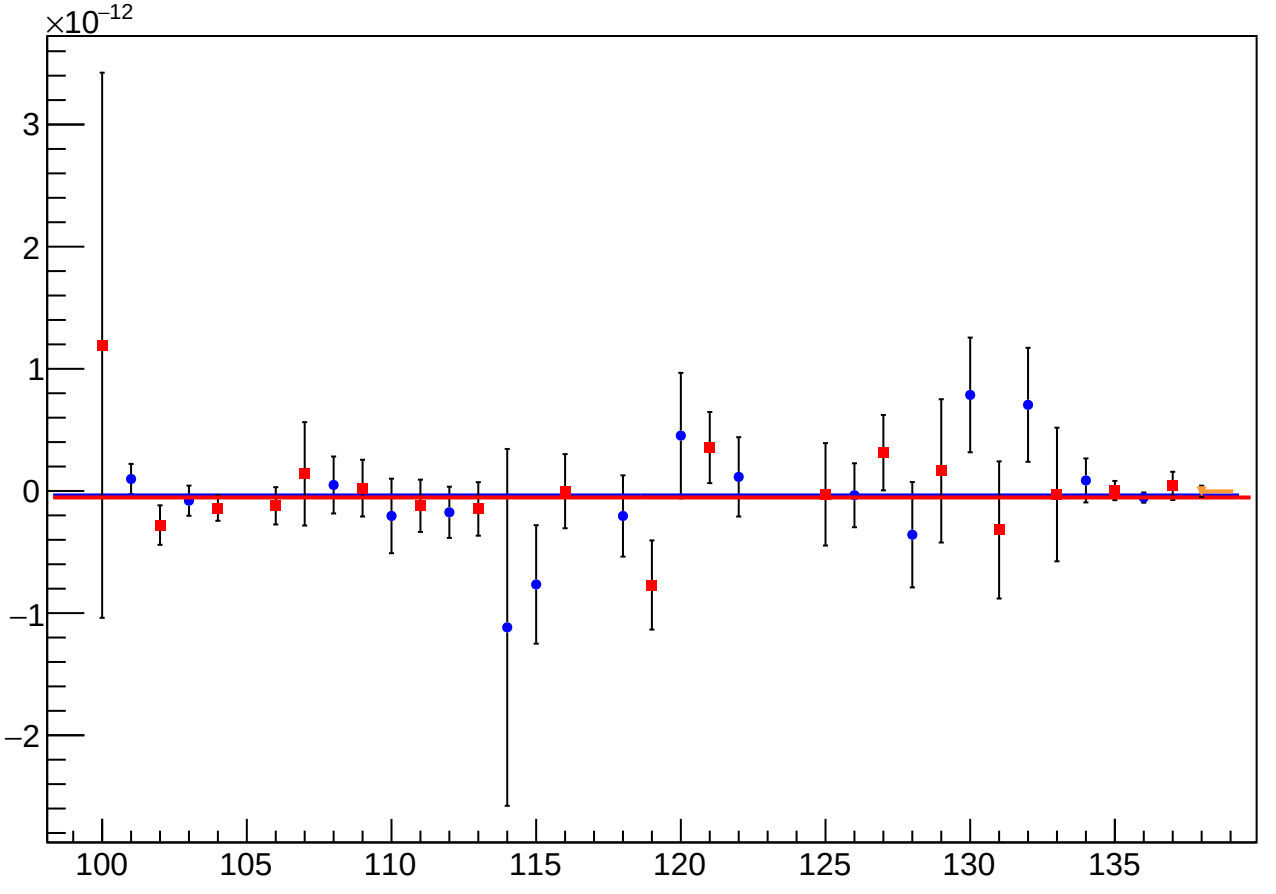
Right Out: 3197.375+/-0.862 χ^2/NDF: 499934.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 3193.195+/-0.811 χ^2/NDF: 429461.3/16

All: 3195.157+/-0.591 χ^2/NDF: 929407.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

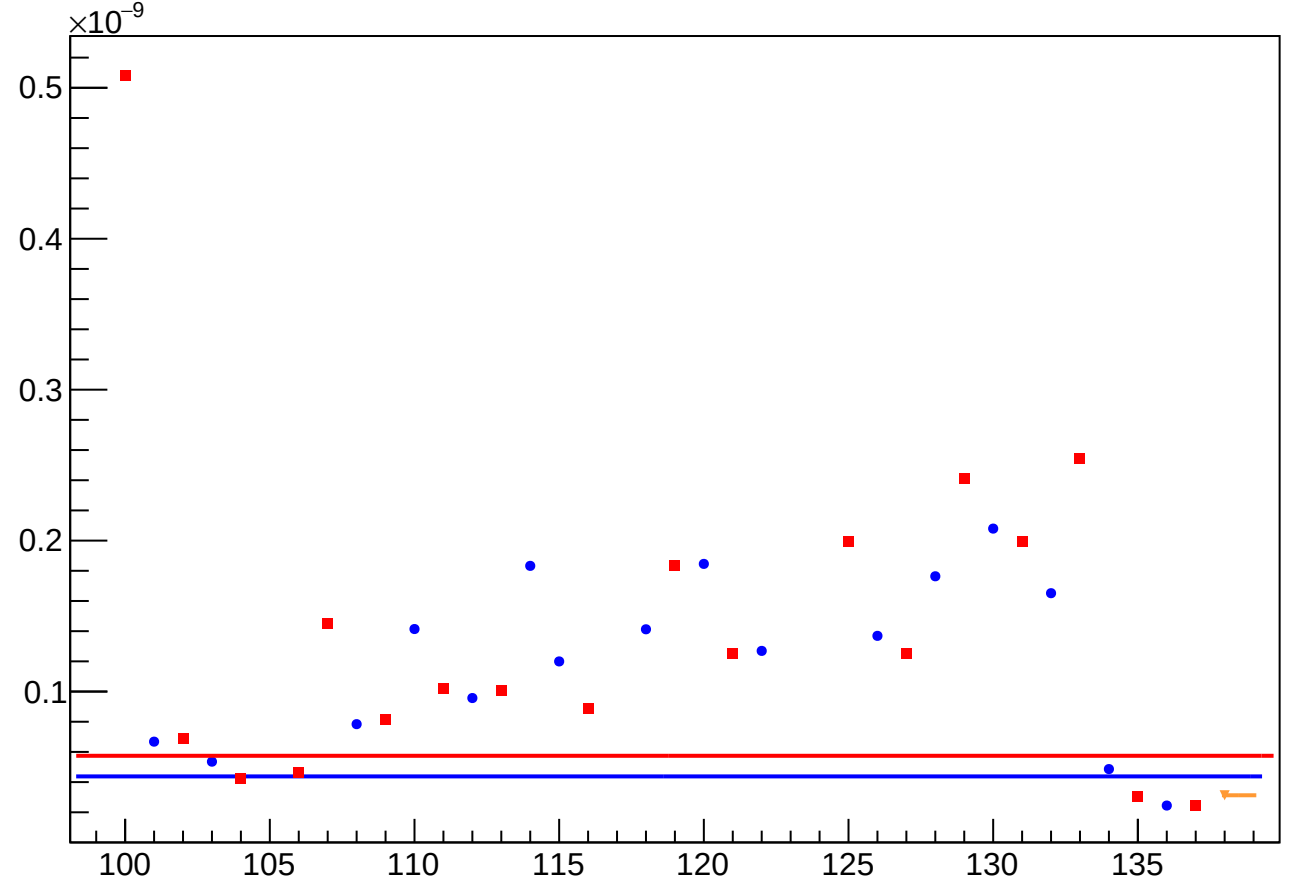
Right Out: -0.000+/-0.000 χ^2/NDF: 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.5/16

All: -0.000+/-0.000 χ^2/NDF: 26.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2227887.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

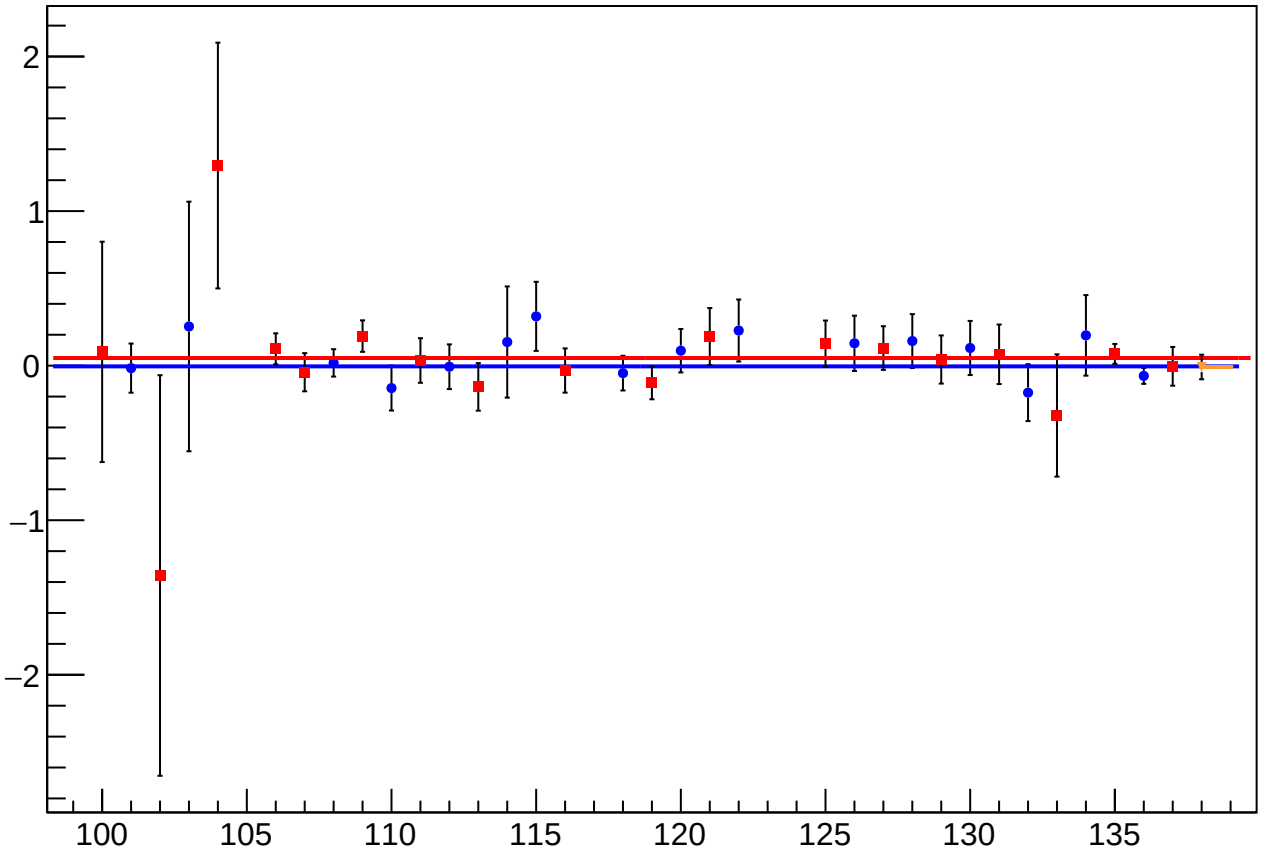
Right Out: 0.000+/-0.000 χ^2/NDF: 2086696.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2320593.7/16

All: 0.000+/-0.000 χ^2/NDF: 4652968.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.005+/-0.032 χ^2/NDF: 10.3/15

Left Out: -0.009+/-0.080 χ^2/NDF:0.0/0

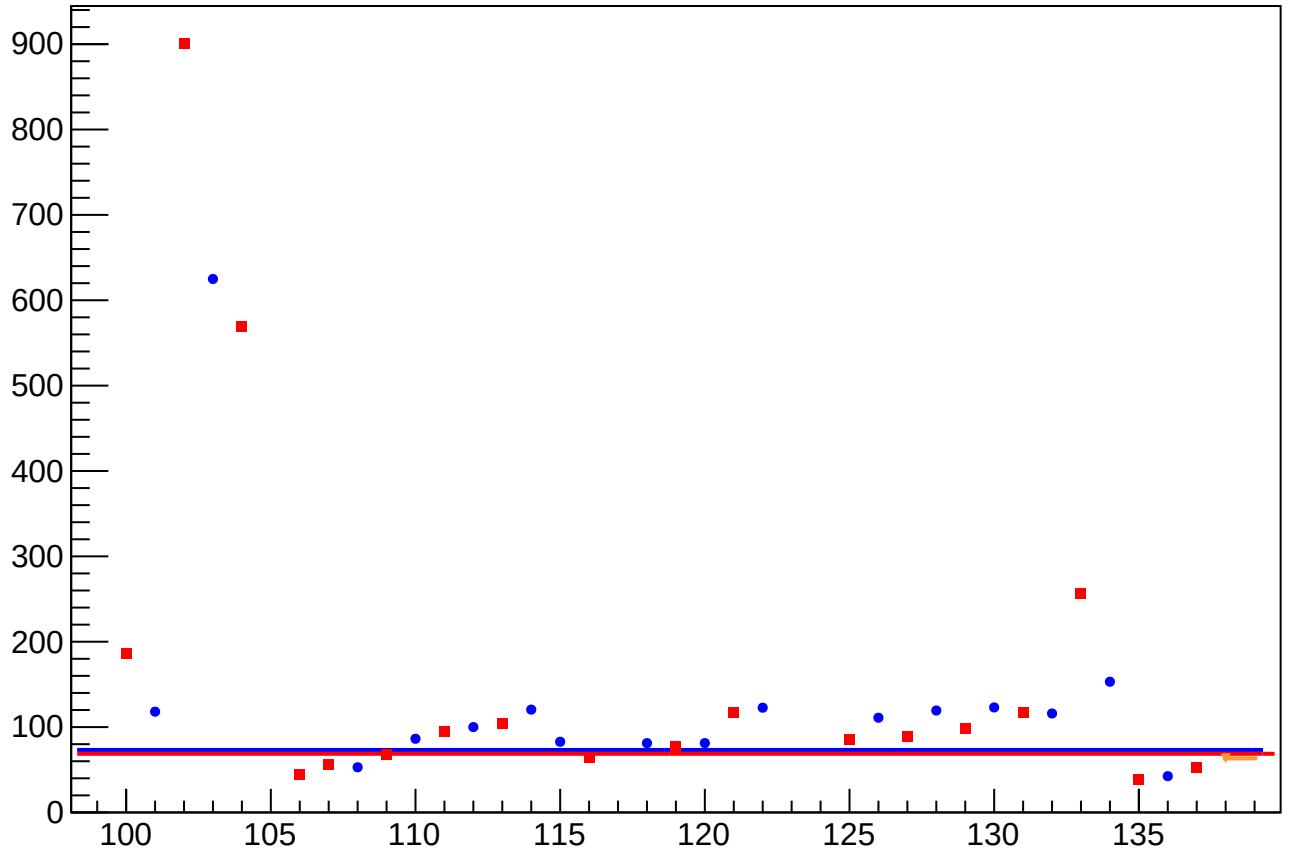
Right Out: 0.050+/-0.032 χ^2/NDF: 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.005+/-0.030 χ^2/NDF: 10.3/16

All: 0.021+/-0.022 χ^2/NDF: 24.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 73.234+/-0.023 χ^2/NDF: 2854601.2/15

Left Out: 63.379+/-0.056 χ^2/NDF:0.0/0

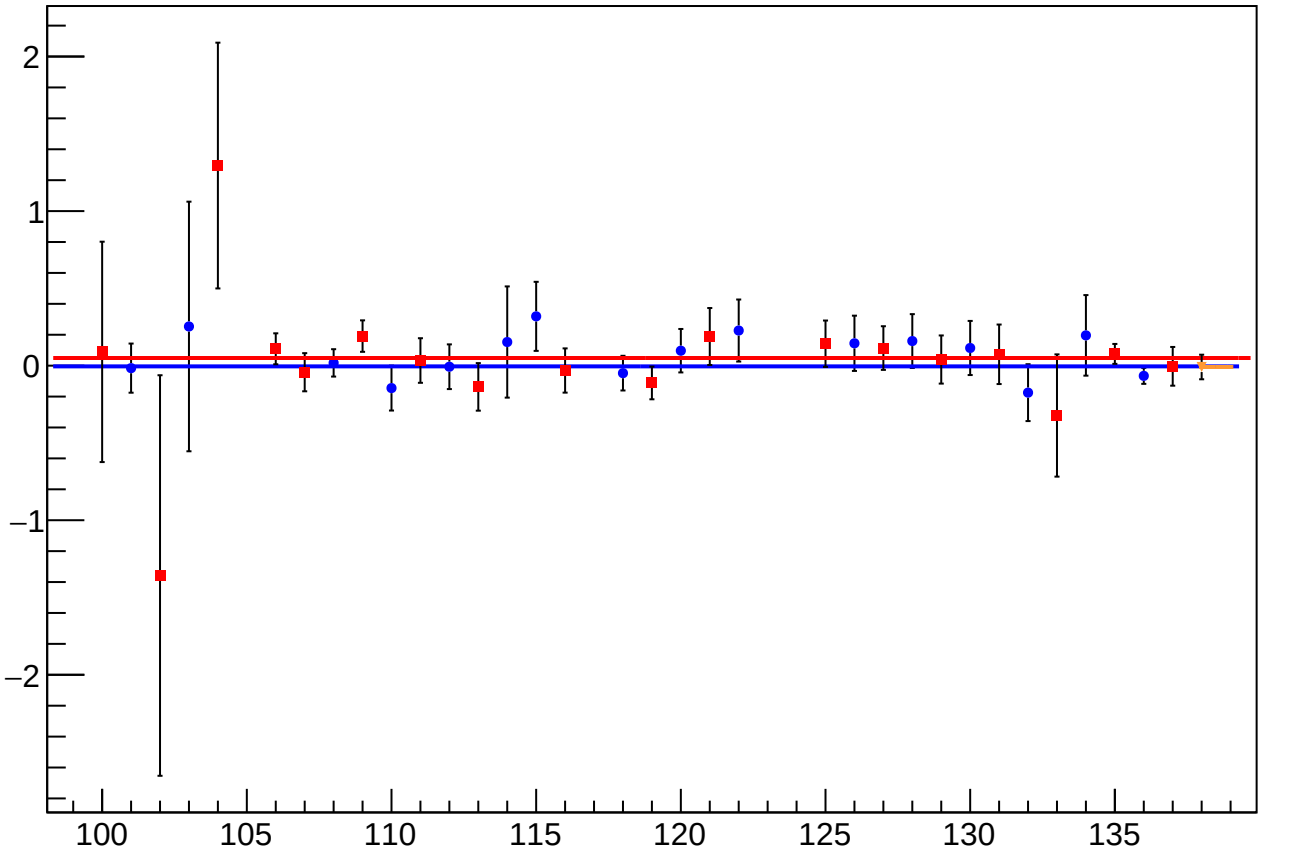
Right Out: 68.724+/-0.022 χ^2/NDF: 3331744.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 71.844+/-0.021 χ^2/NDF: 2880994.4/16

All: 70.375+/-0.015 χ^2/NDF: 6223014.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.005+/-0.032 χ^2/NDF: 10.3/15

Left Out: -0.009+/-0.080 χ^2/NDF:0.0/0

Right Out: 0.050+/-0.032 χ^2/NDF: 13.0/17

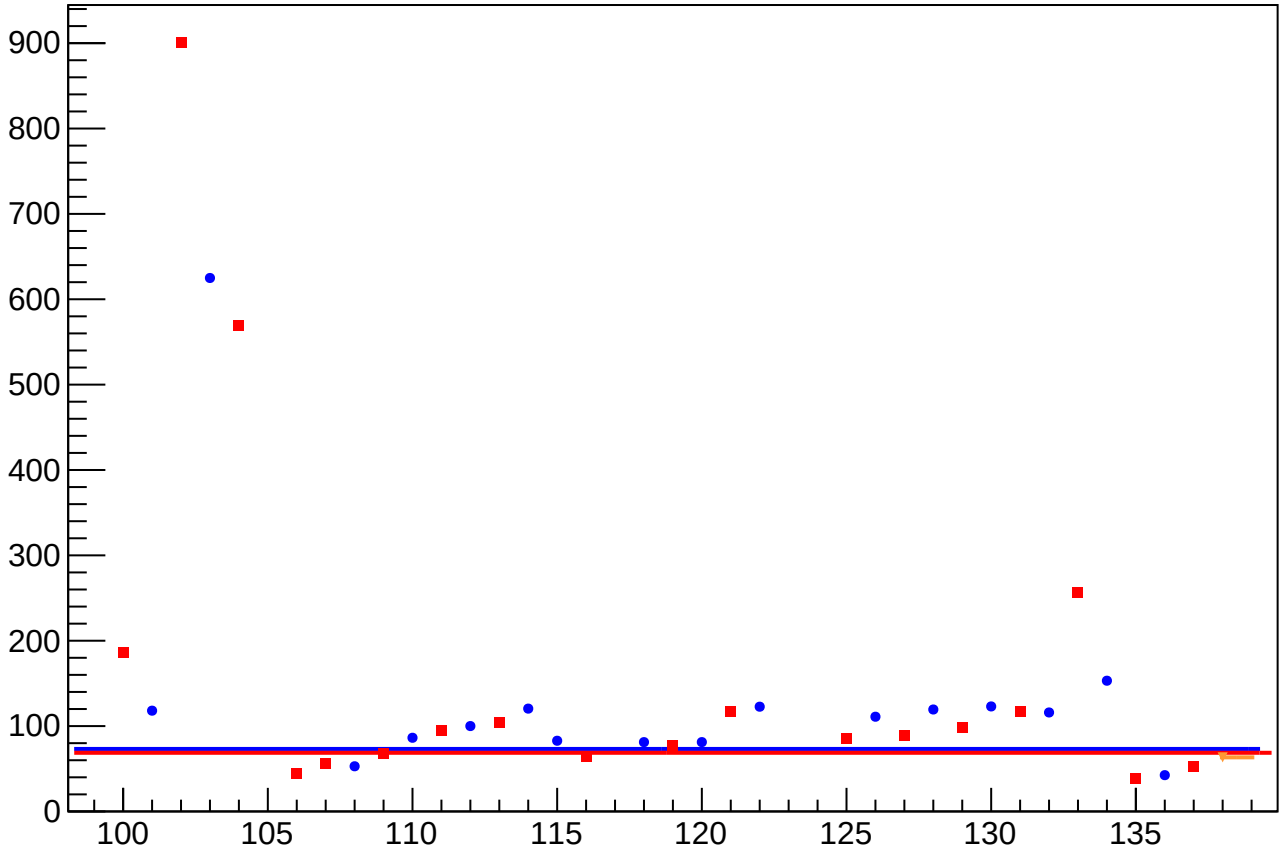
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.005+/-0.030 χ^2/NDF: 10.3/16

All: 0.021+/-0.022 χ^2/NDF: 24.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.234+/-0.023 χ^2/NDF: 2854601.2/15

Left Out: 63.379+/-0.056 χ^2/NDF:0.0/0

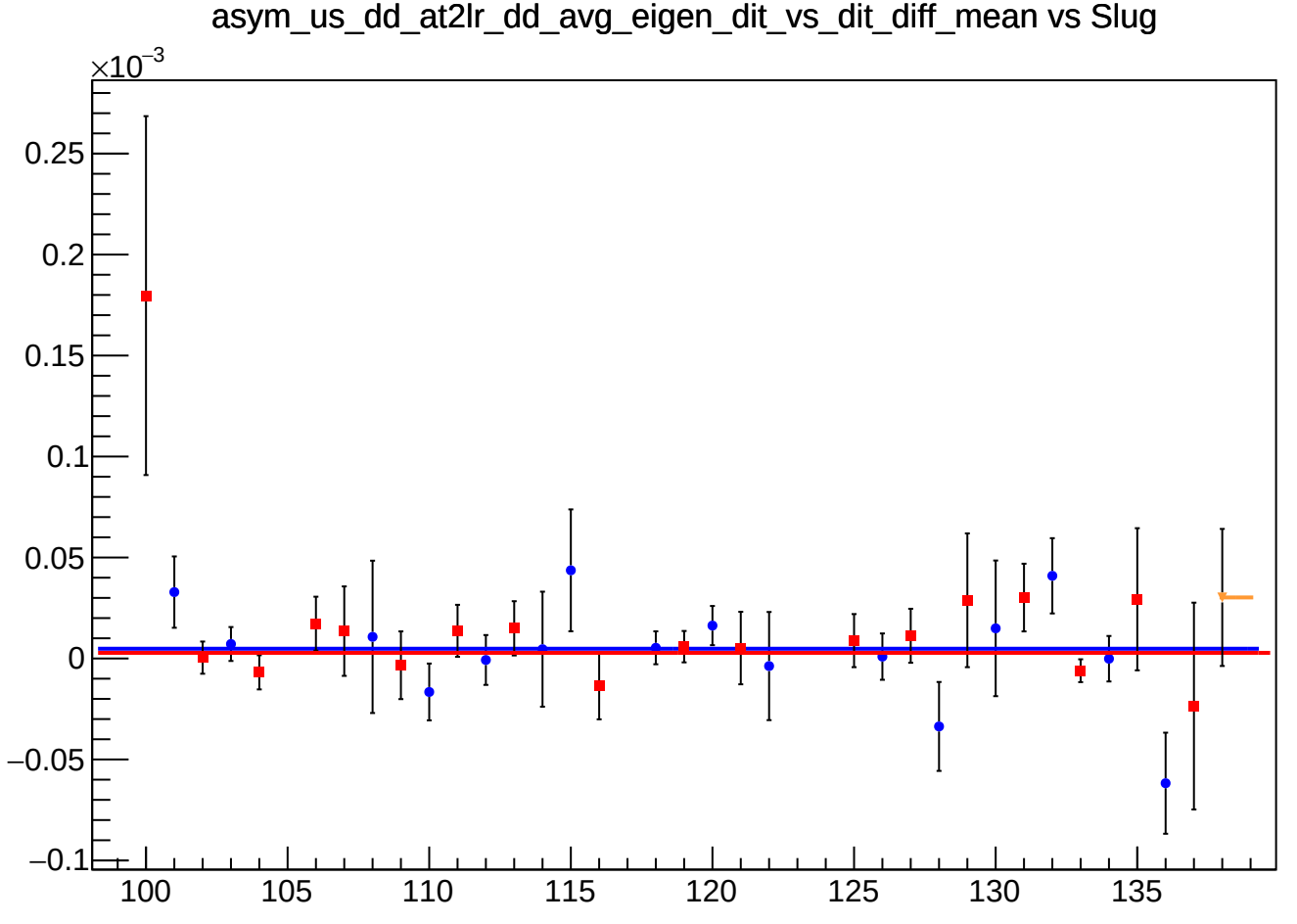
Right Out: 68.724+/-0.022 χ^2/NDF: 3331744.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 71.844+/-0.021 χ^2/NDF: 2880994.4/16

All: 70.375+/-0.015 χ^2/NDF: 6223014.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

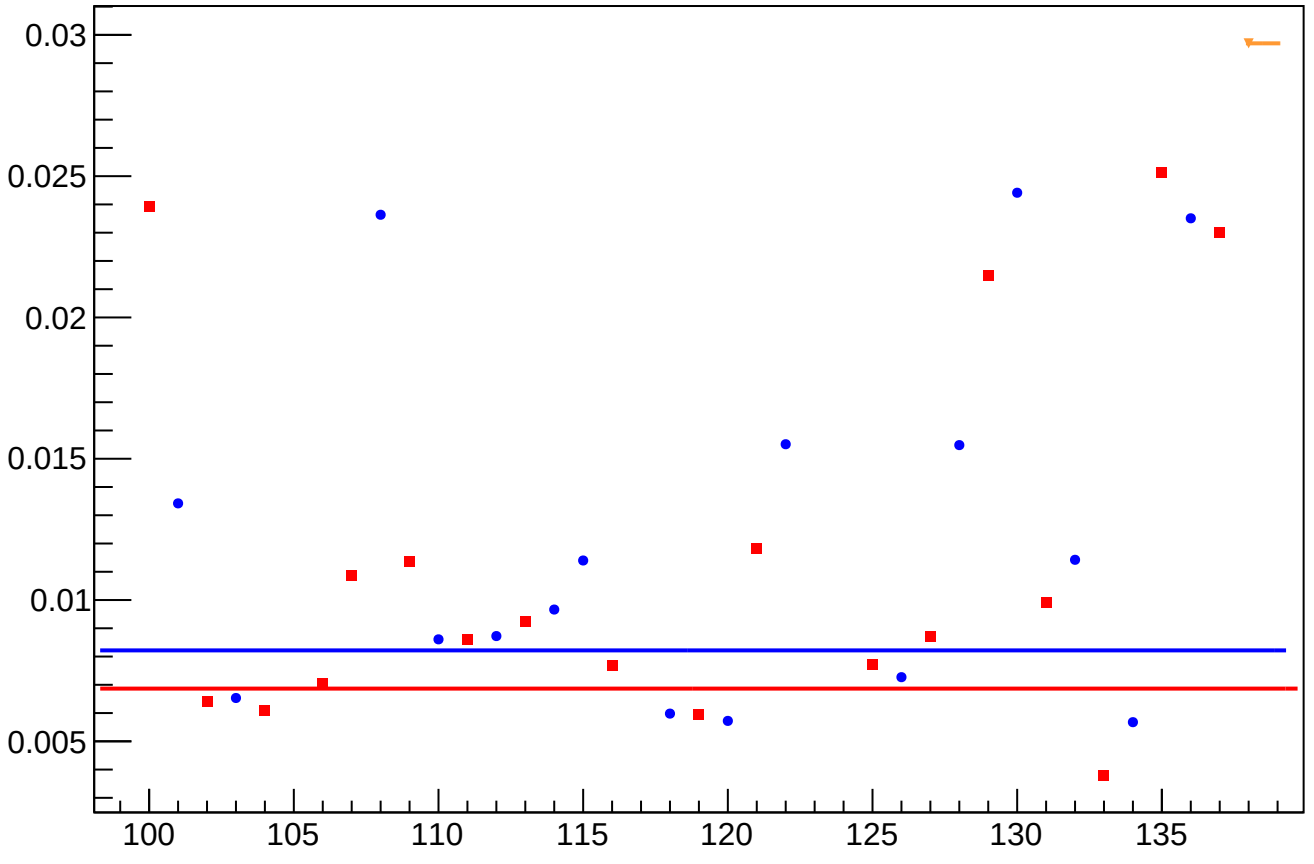
Right Out: 0.000+/-0.000 χ^2/NDF: 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 23.1/16

All: 0.000+/-0.000 χ^2/NDF: 40.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.008+/-0.000 χ^2/NDF: 2656170.2/15

Left Out: 0.030+/-0.000 χ^2/NDF:0.0/0

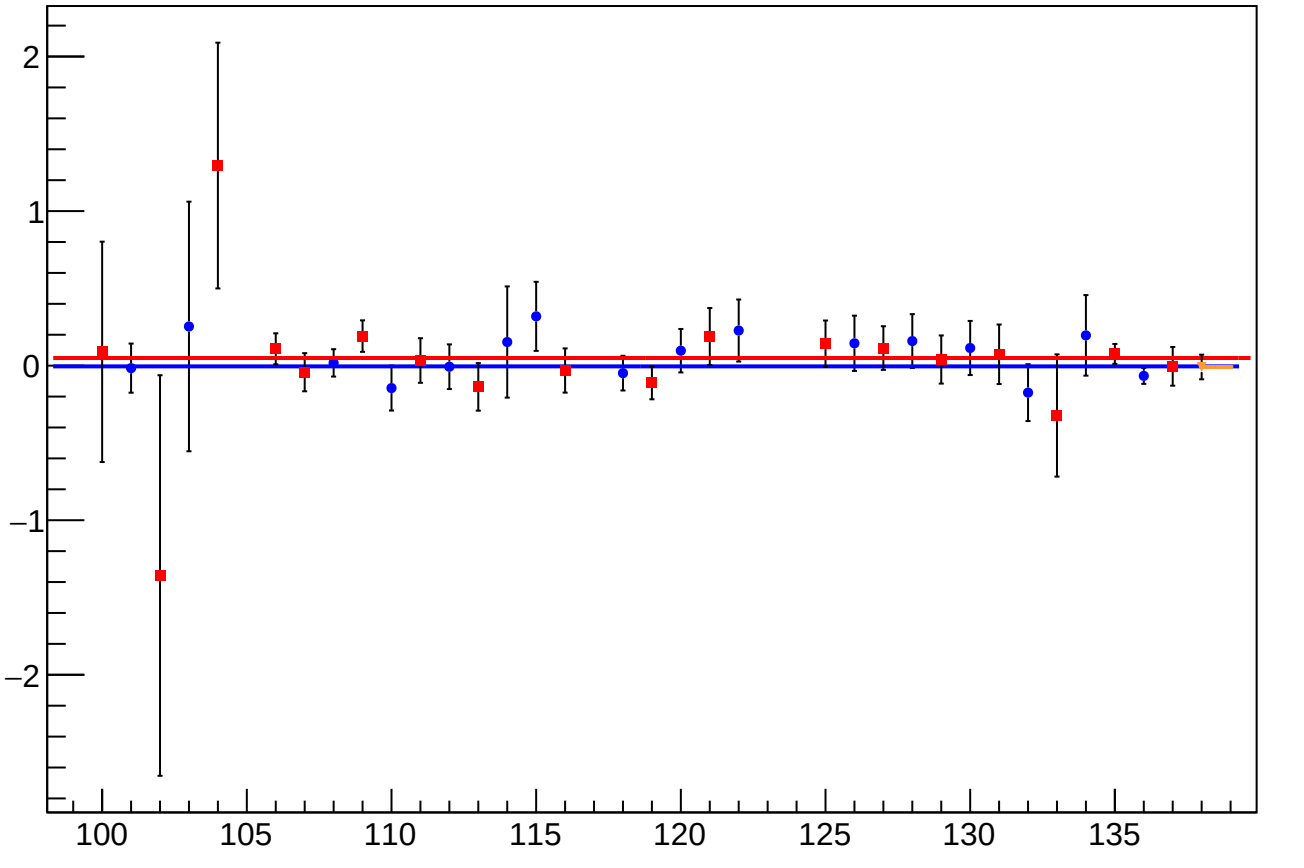
Right Out: 0.007+/-0.000 χ^2/NDF: 2426444.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 3449370.6/16

All: 0.007+/-0.000 χ^2/NDF: 6123360.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.005+/-0.032 χ^2/NDF: 10.3/15

Left Out: -0.009+/-0.080 χ^2/NDF:0.0/0

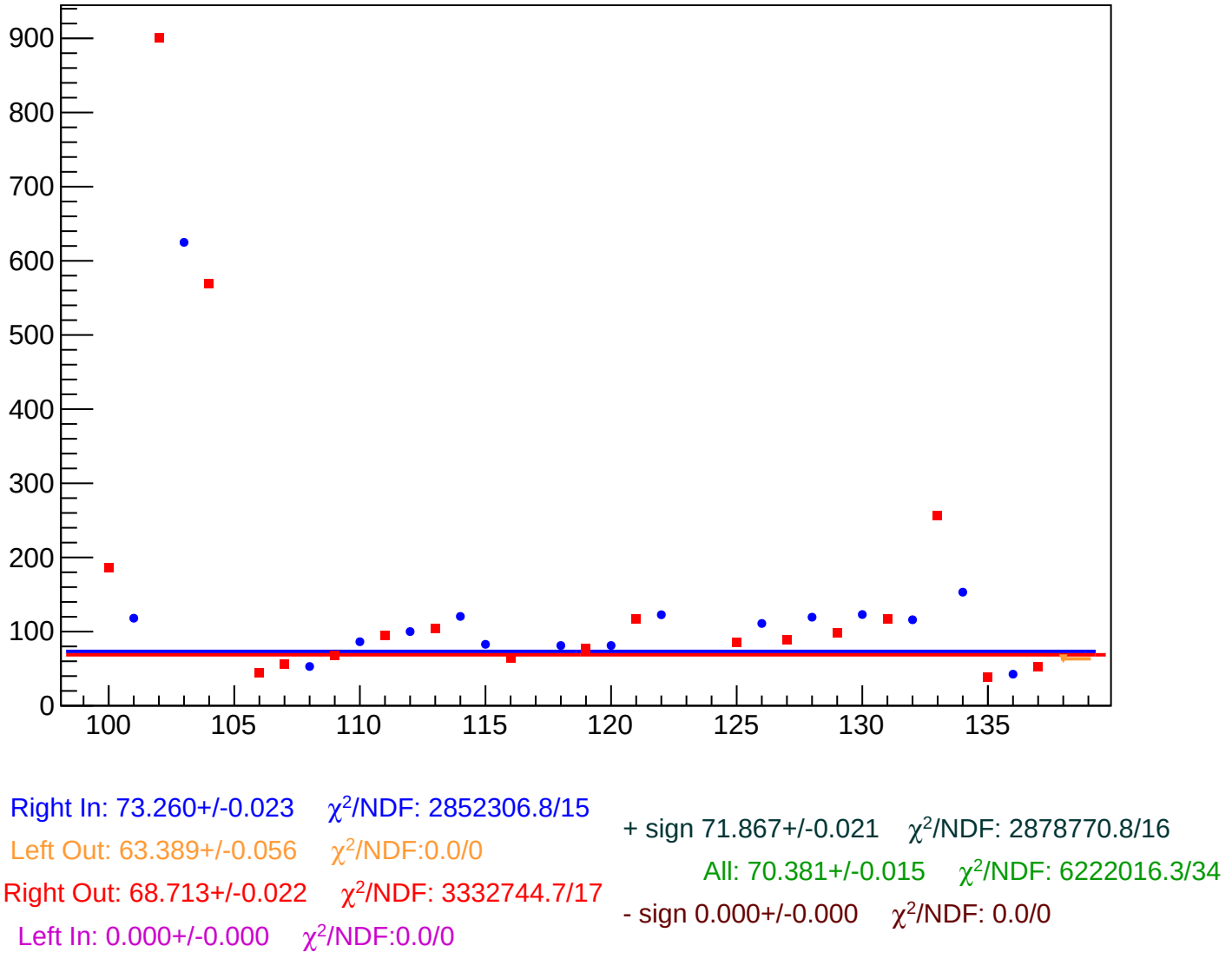
Right Out: 0.050+/-0.032 χ^2/NDF: 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

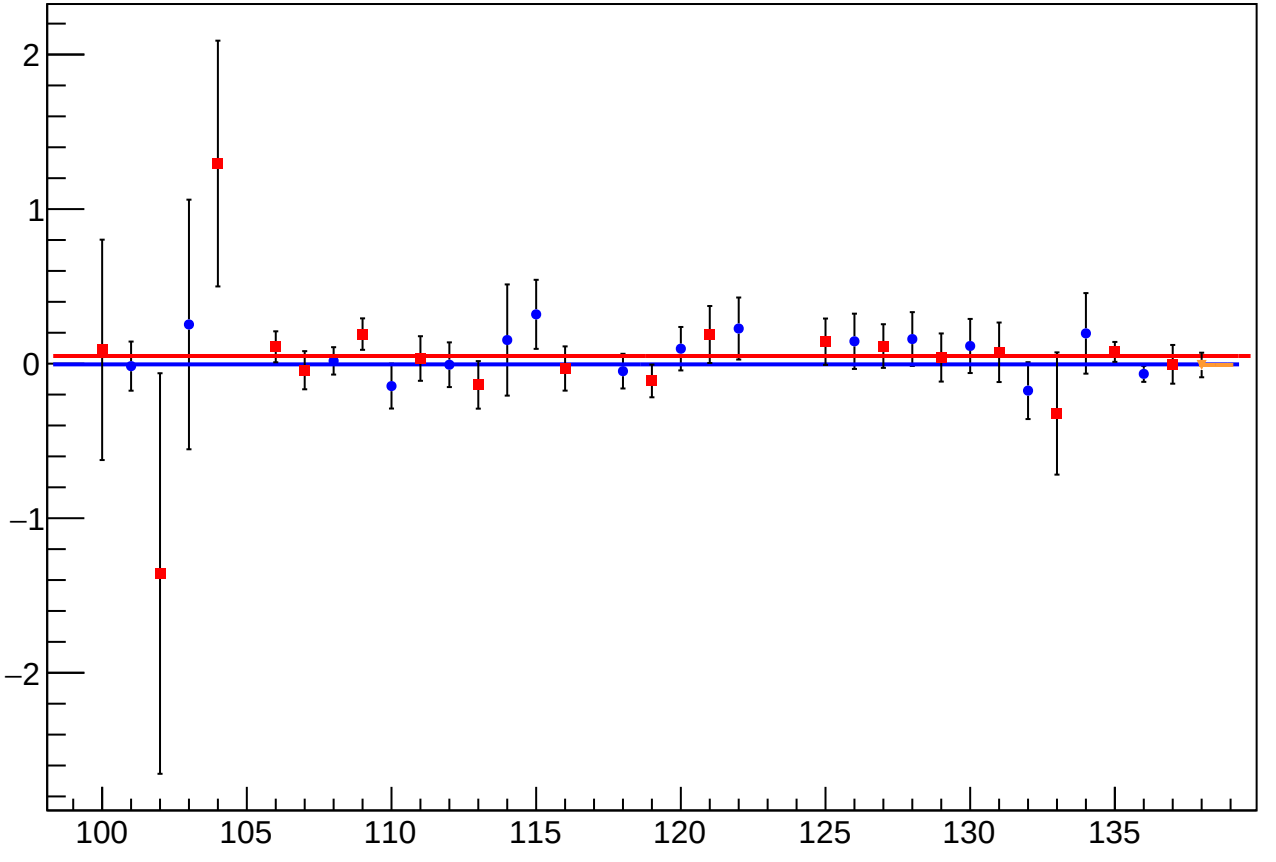
+ sign -0.005+/-0.030 χ^2/NDF: 10.3/16

All: 0.021+/-0.022 χ^2/NDF: 24.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug
900
800
700
600
500
400
300
200
100
0
100
105
110
115
120
125
130
135
Right In: 73.260+/-0.023 χ²/NDF: 2852306.8/15
Left Out: 63.389+/-0.056 χ²/NDF:0.0/0
Right Out: 68.713+/-0.022 χ²/NDF: 3332744.7/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 71.867+/-0.021 χ²/NDF: 2878770.8/16
All: 70.381+/-0.015 χ²/NDF: 6222016.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005+/-0.032 χ^2/NDF: 10.3/15

Left Out: -0.009+/-0.080 χ^2/NDF:0.0/0

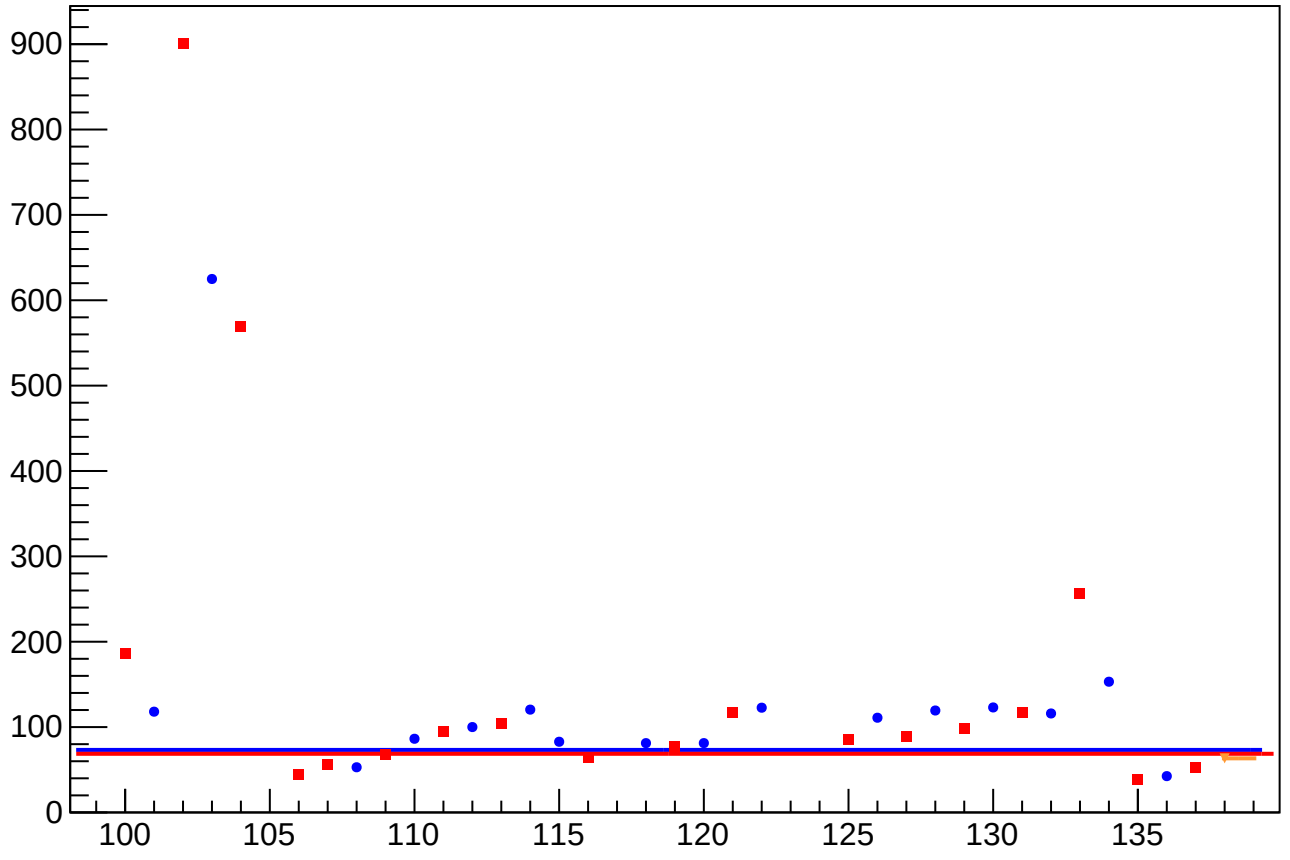
Right Out: 0.050+/-0.032 χ^2/NDF: 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.005+/-0.030 χ^2/NDF: 10.3/16

All: 0.021+/-0.022 χ^2/NDF: 24.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 73.260+/-0.023 χ^2/NDF: 2852306.8/15

Left Out: 63.389+/-0.056 χ^2/NDF:0.0/0

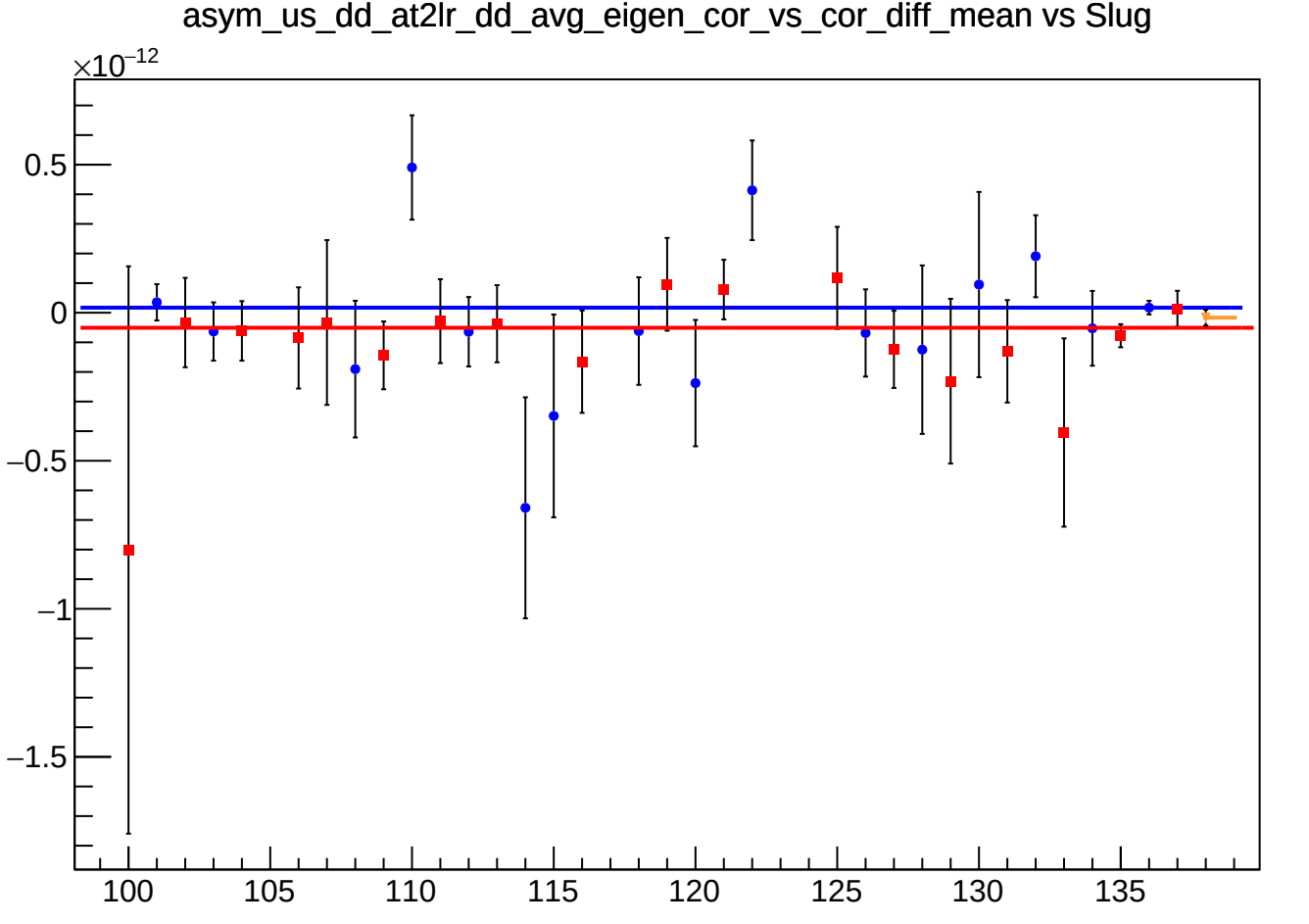
Right Out: 68.713+/-0.022 χ^2/NDF: 3332744.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 71.867+/-0.021 χ^2/NDF: 2878770.8/16

All: 70.381+/-0.015 χ^2/NDF: 6222016.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

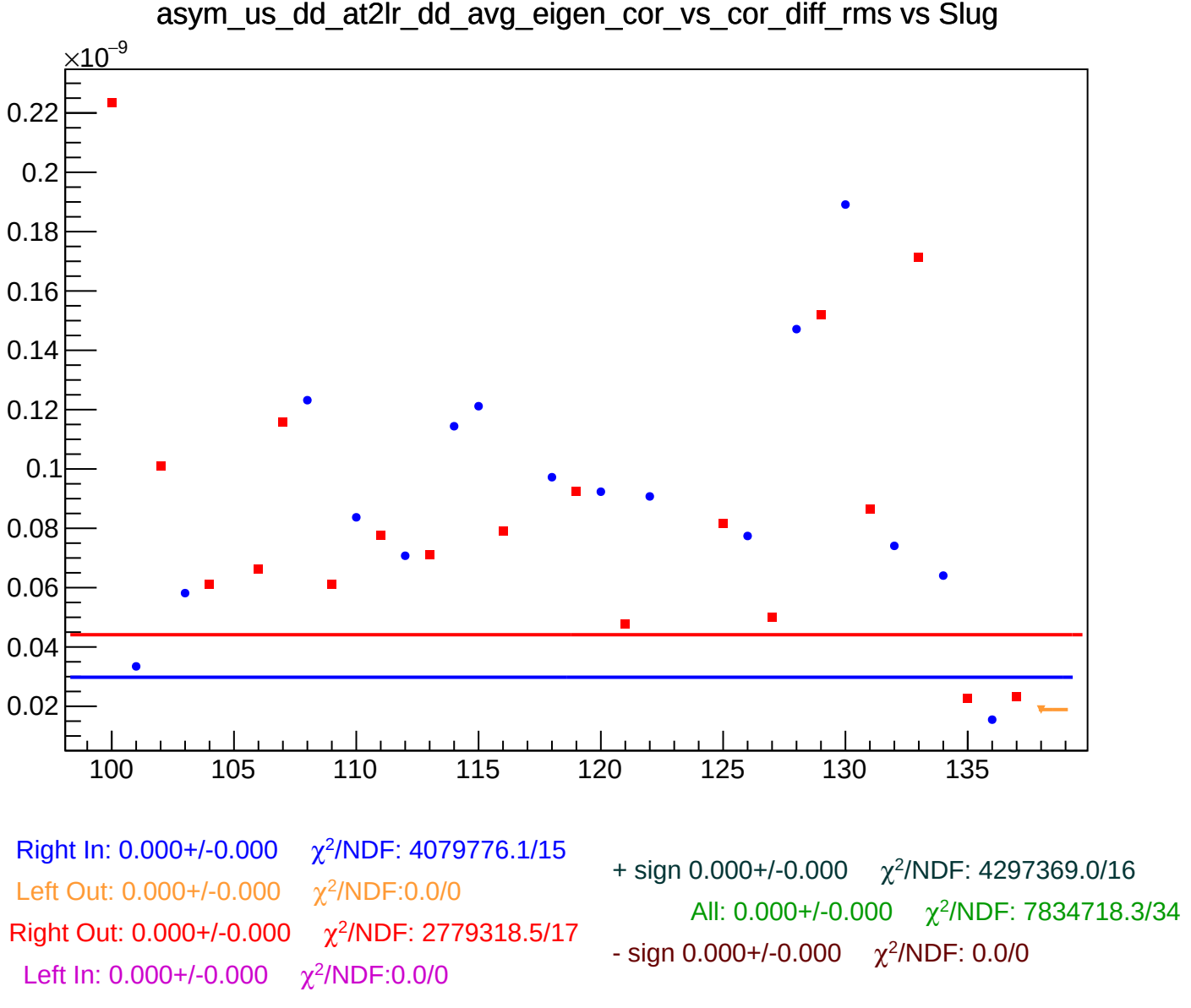
Right Out: -0.000+/-0.000 χ^2/NDF: 9.1/17

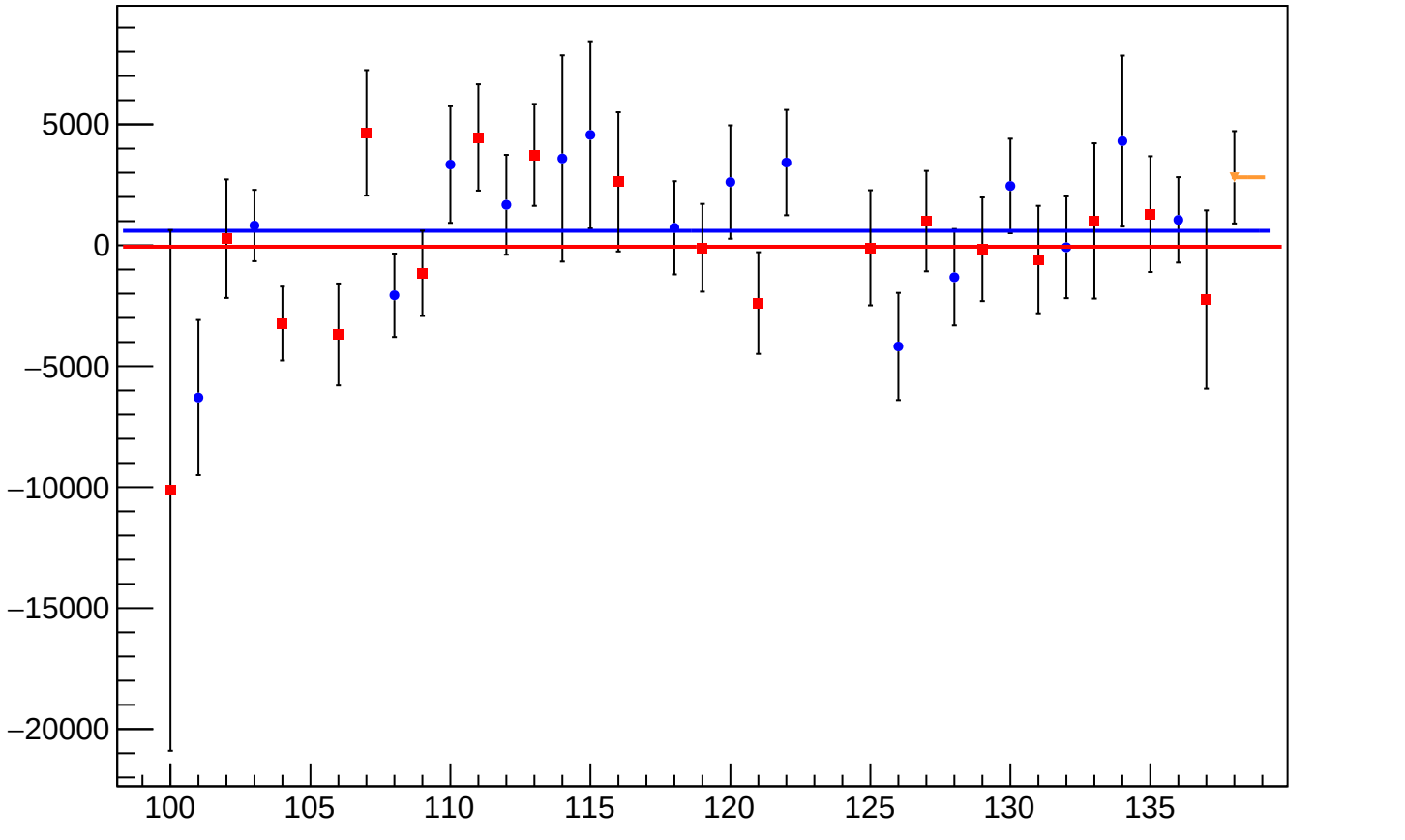
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 24.4/16

All: -0.000+/-0.000 χ^2/NDF: 37.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 4079776.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2779318.5/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 4297369.0/16
All: 0.000+/-0.000 χ²/NDF: 7834718.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 600.146+/-540.053 χ^2/NDF: 20.3/15

Left Out: 2813.682+/-1909.636 χ^2/NDF:0.0/0

Right Out: -59.091+/-530.206 χ^2/NDF: 22.5/17

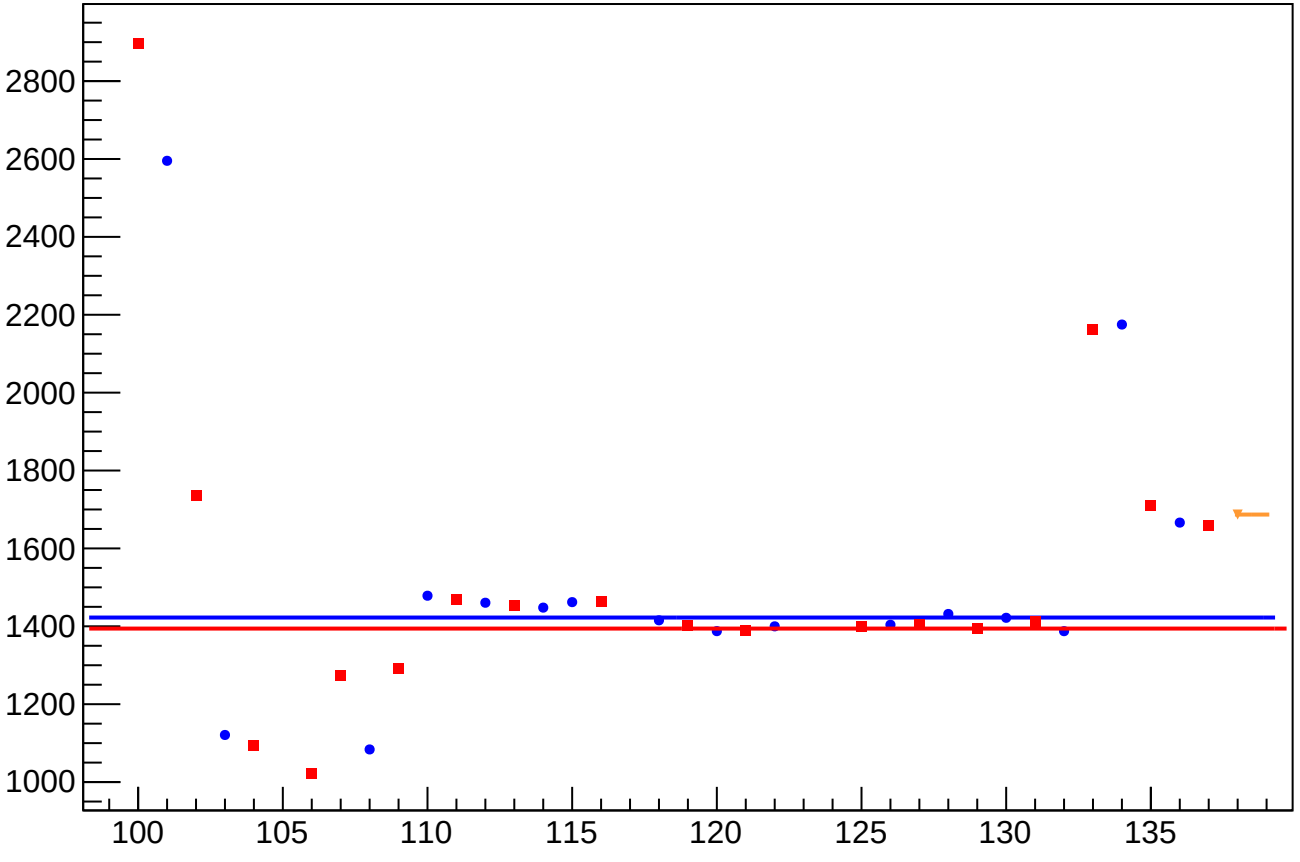
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 764.071+/-519.672 χ^2/NDF: 21.6/16

All: 360.748+/-371.132 χ^2/NDF: 45.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1422.515+/-0.382 χ^2/NDF: 560259.3/15

Left Out: 1686.943+/-1.350 χ^2/NDF:0.0/0

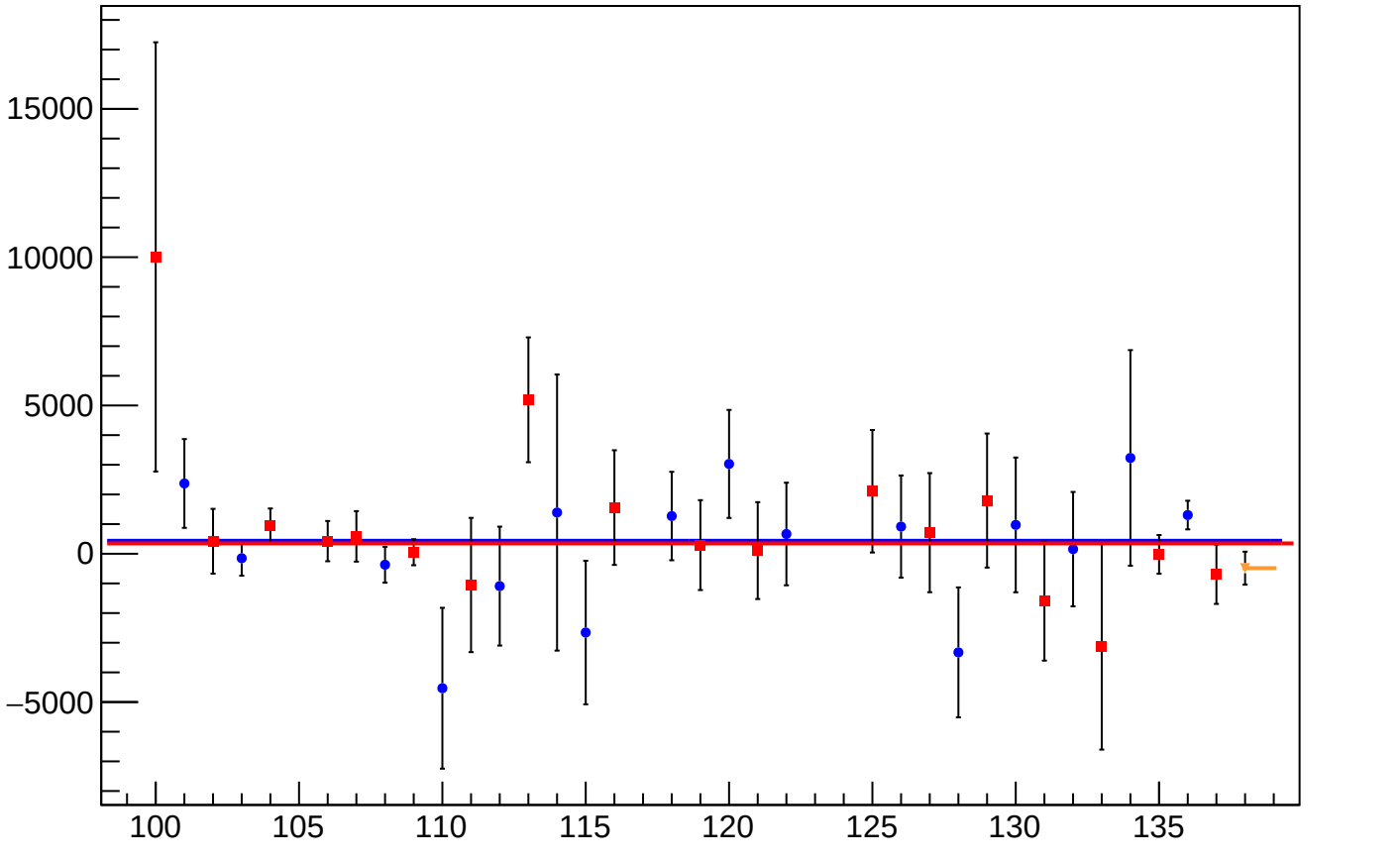
Right Out: 1394.171+/-0.375 χ^2/NDF: 393666.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1442.097+/-0.367 χ^2/NDF: 595767.5/16

All: 1418.615+/-0.262 χ^2/NDF: 997768.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 436.509+/-275.917 χ^2/NDF: 19.3/15

Left Out: -485.800+/-556.177 χ^2/NDF:0.0/0

Right Out: 348.567+/-233.745 χ^2/NDF: 13.9/17

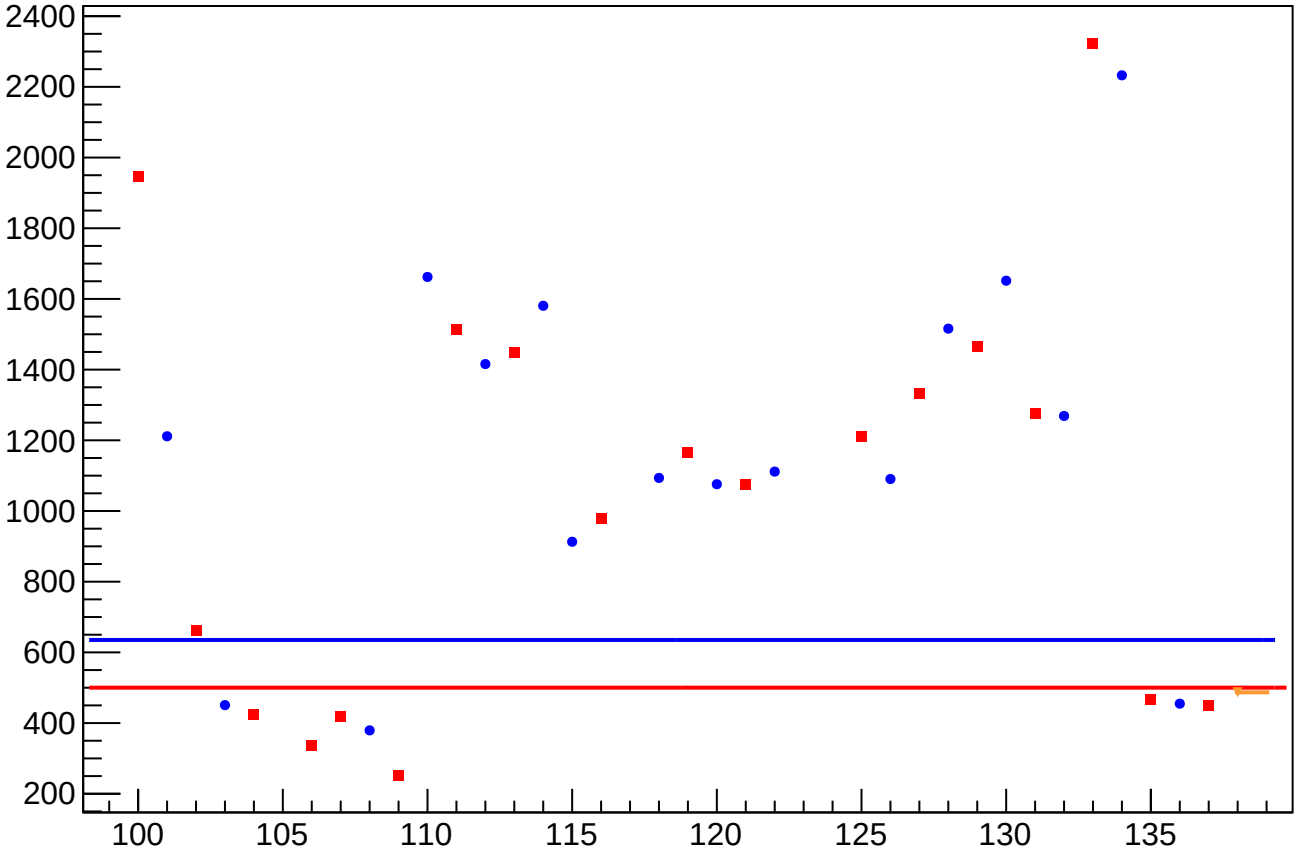
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 254.350+/-247.172 χ^2/NDF: 21.6/16

All: 304.087+/-169.831 χ^2/NDF: 35.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 635.135+/-0.195 χ^2/NDF: 3752583.4/15

Left Out: 487.025+/-0.393 χ^2/NDF:0.0/0

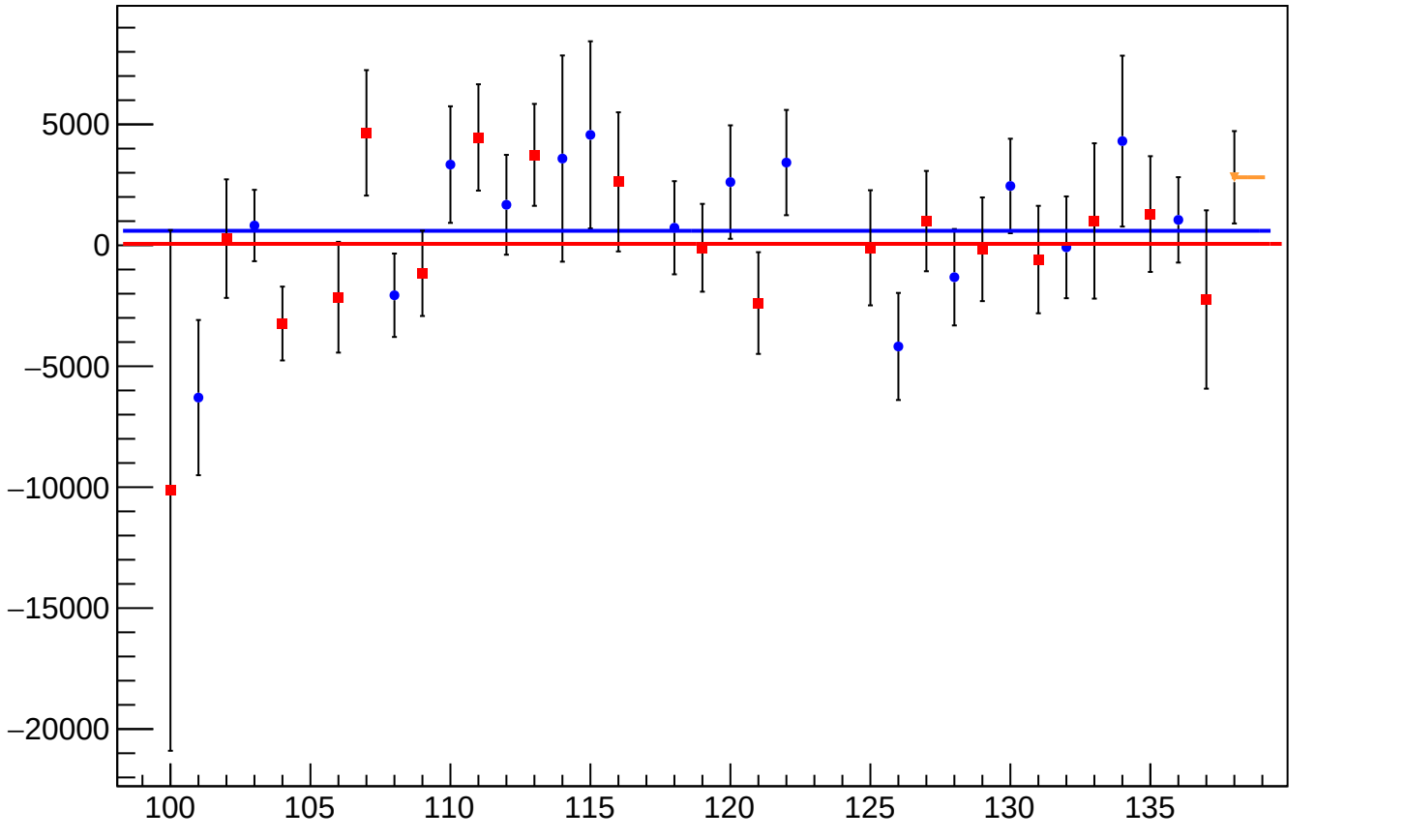
Right Out: 500.231+/-0.165 χ^2/NDF: 4309093.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 605.883+/-0.175 χ^2/NDF: 3866402.9/16

All: 550.109+/-0.120 χ^2/NDF: 8368395.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 600.020+/-540.053 χ^2/NDF: 20.3/15

Left Out: 2813.583+/-1909.636 χ^2/NDF:0.0/0

Right Out: 60.361+/-532.826 χ^2/NDF: 20.4/17

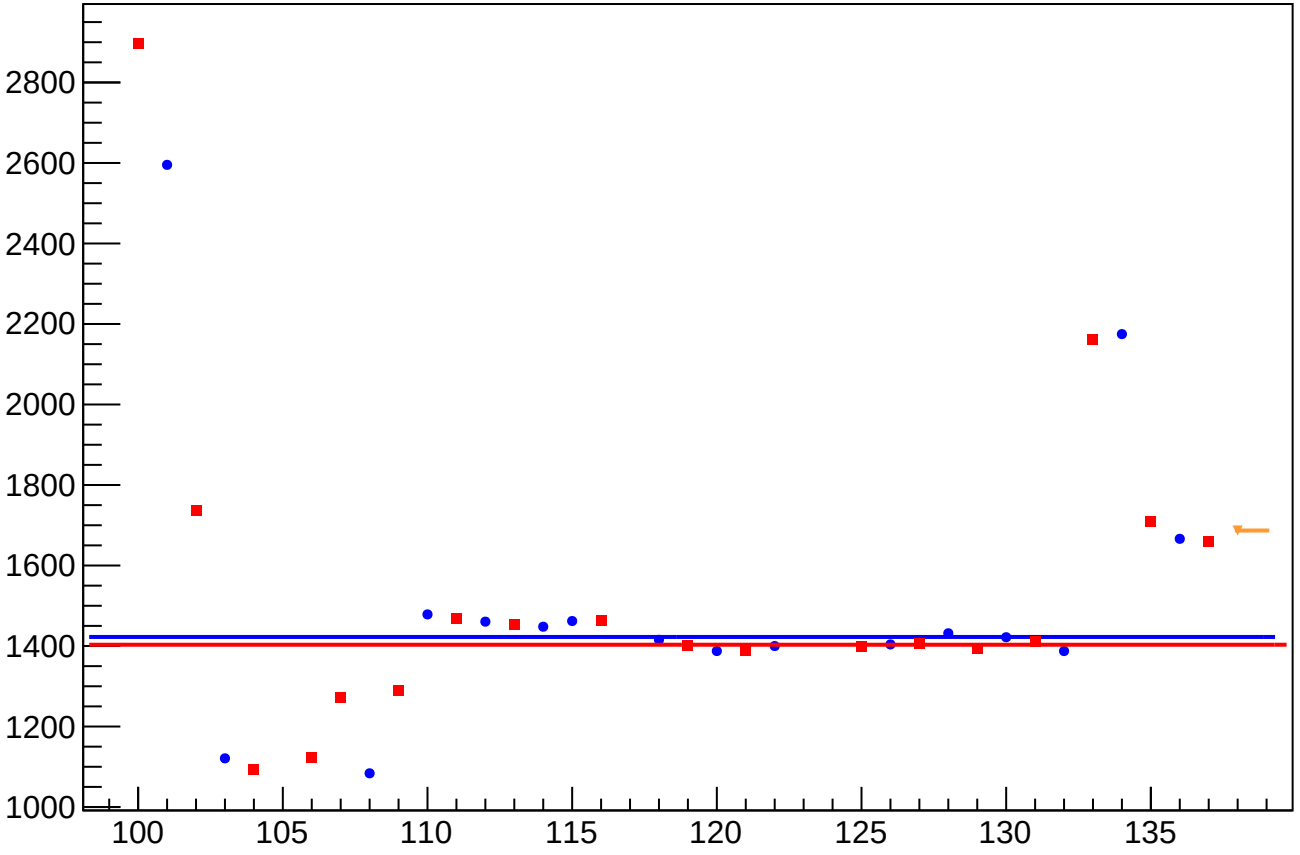
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 763.946+/-519.672 χ^2/NDF: 21.6/16

All: 420.946+/-372.027 χ^2/NDF: 42.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1422.515+/-0.382 χ^2/NDF: 560259.5/15

Left Out: 1686.943+/-1.350 χ^2/NDF:0.0/0

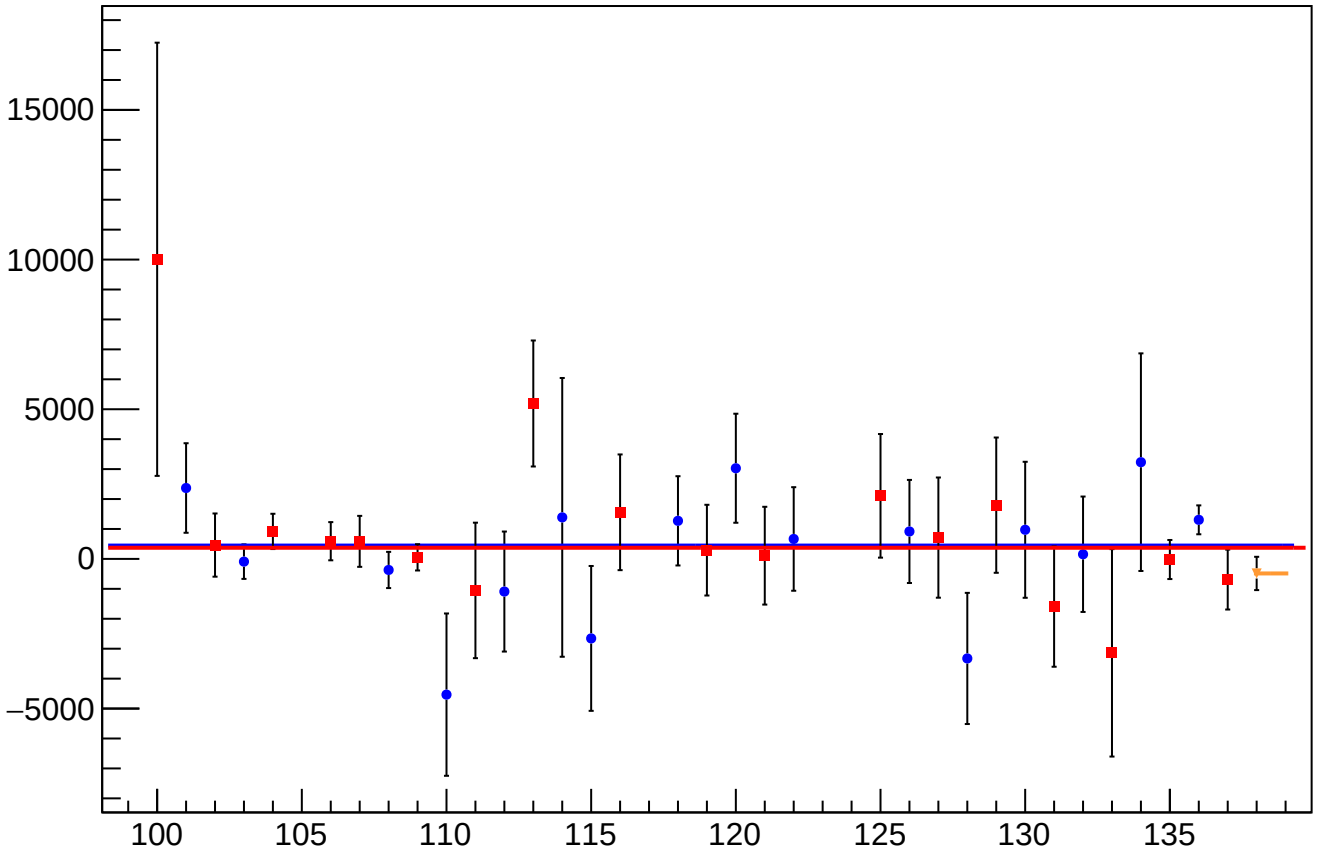
Right Out: 1403.220+/-0.377 χ^2/NDF: 359113.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1442.097+/-0.367 χ^2/NDF: 595767.7/16

All: 1423.144+/-0.263 χ^2/NDF: 960338.1/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 445.121+/-274.737 χ^2/NDF: 19.2/15

Left Out: -485.951+/-556.184 χ^2/NDF:0.0/0

Right Out: 372.538+/-231.353 χ^2/NDF: 14.0/17

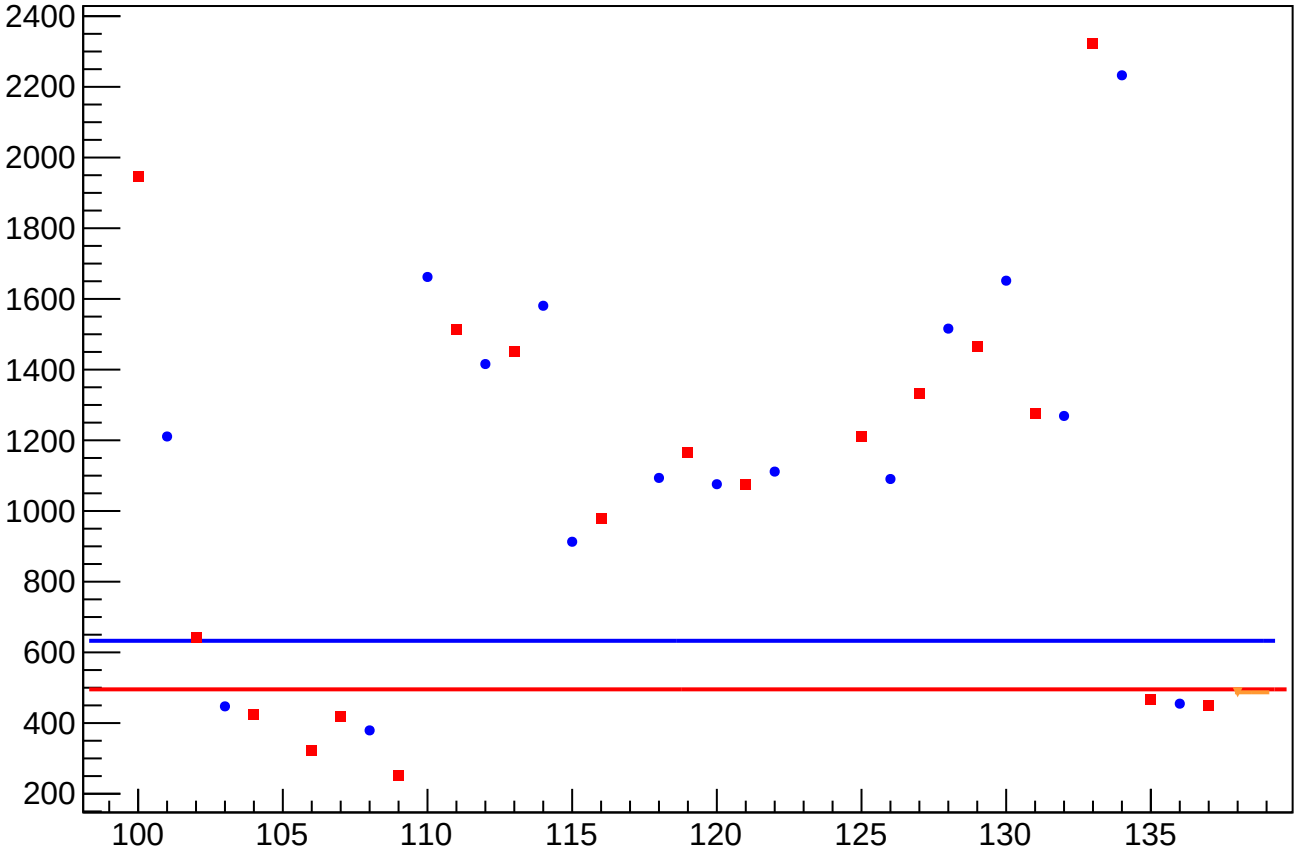
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 262.496+/-246.324 χ^2/NDF: 21.4/16

All: 320.963+/-168.636 χ^2/NDF: 35.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 632.753+/-0.194 χ^2/NDF: 3767731.7/15

Left Out: 487.032+/-0.393 χ^2/NDF:0.0/0

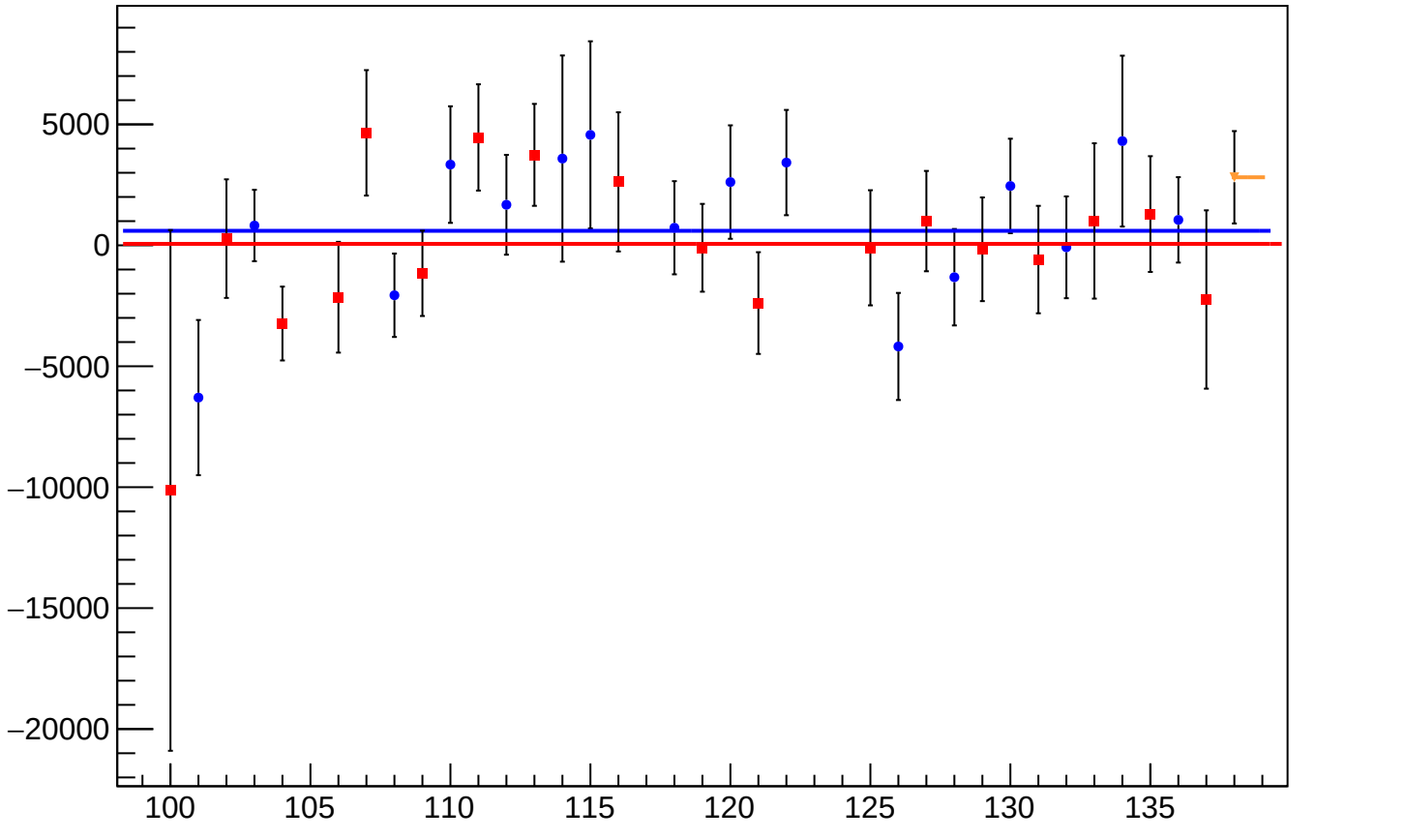
Right Out: 495.380+/-0.164 χ^2/NDF: 4337484.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 604.170+/-0.174 χ^2/NDF: 3878092.3/16

All: 546.369+/-0.119 χ^2/NDF: 8422852.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 600.020+/-540.053 χ^2/NDF: 20.3/15

Left Out: 2813.583+/-1909.636 χ^2/NDF:0.0/0

Right Out: 60.361+/-532.826 χ^2/NDF: 20.4/17

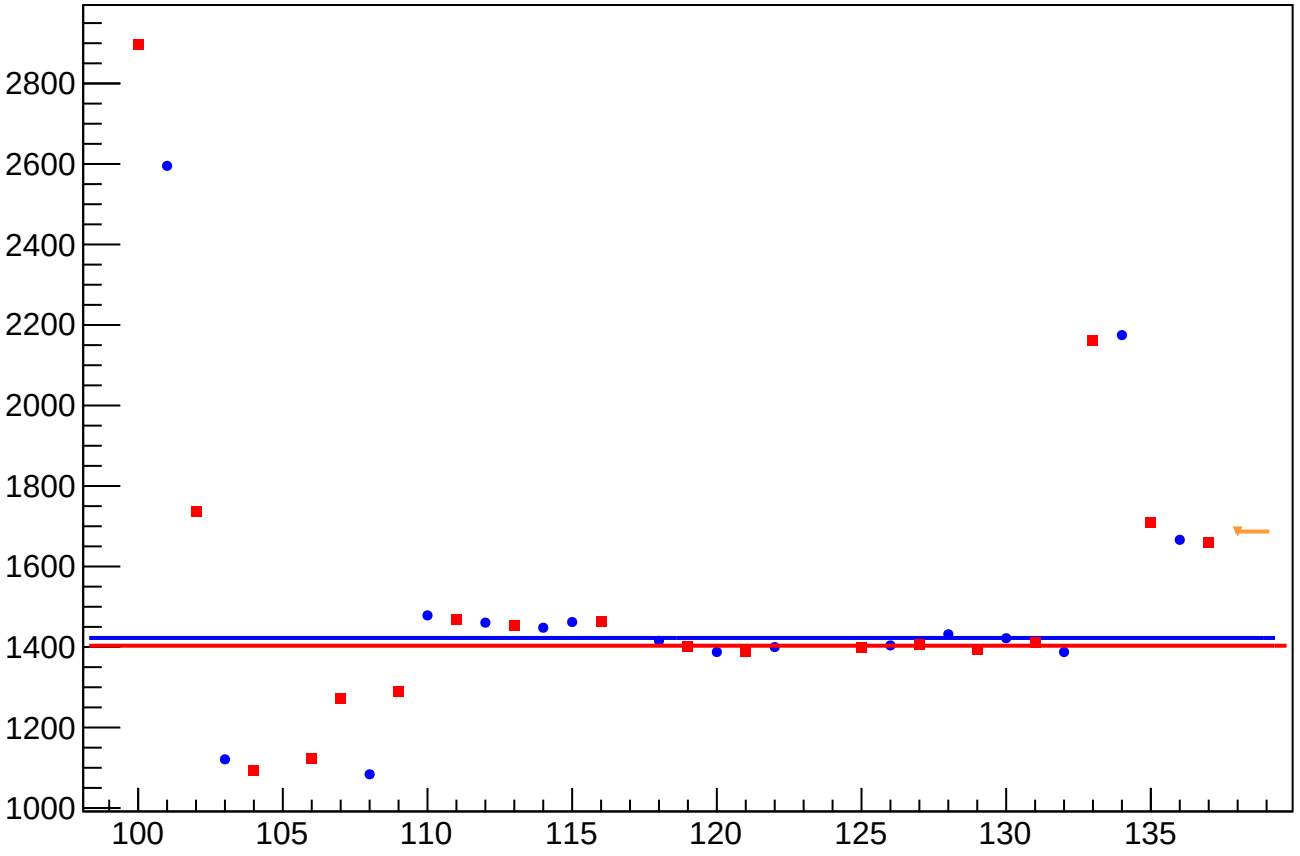
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 763.946+/-519.672 χ^2/NDF: 21.6/16

All: 420.946+/-372.027 χ^2/NDF: 42.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1422.515+/-0.382 χ^2/NDF: 560259.5/15

Left Out: 1686.943+/-1.350 χ^2/NDF:0.0/0

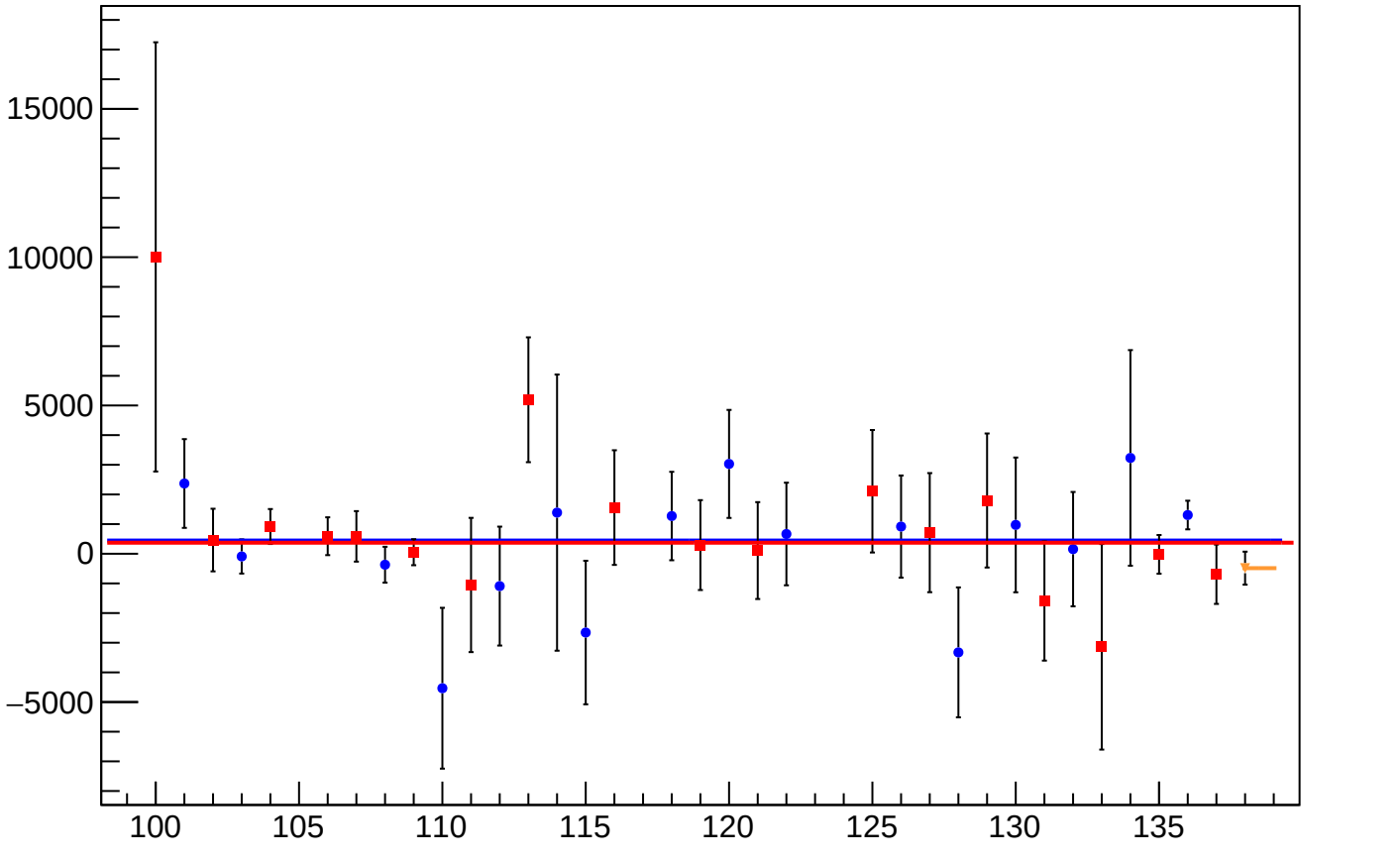
Right Out: 1403.220+/-0.377 χ^2/NDF: 359113.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1442.097+/-0.367 χ^2/NDF: 595767.7/16

All: 1423.144+/-0.263 χ^2/NDF: 960338.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 445.121+/-274.737 χ^2/NDF: 19.2/15

Left Out: -485.951+/-556.184 χ^2/NDF:0.0/0

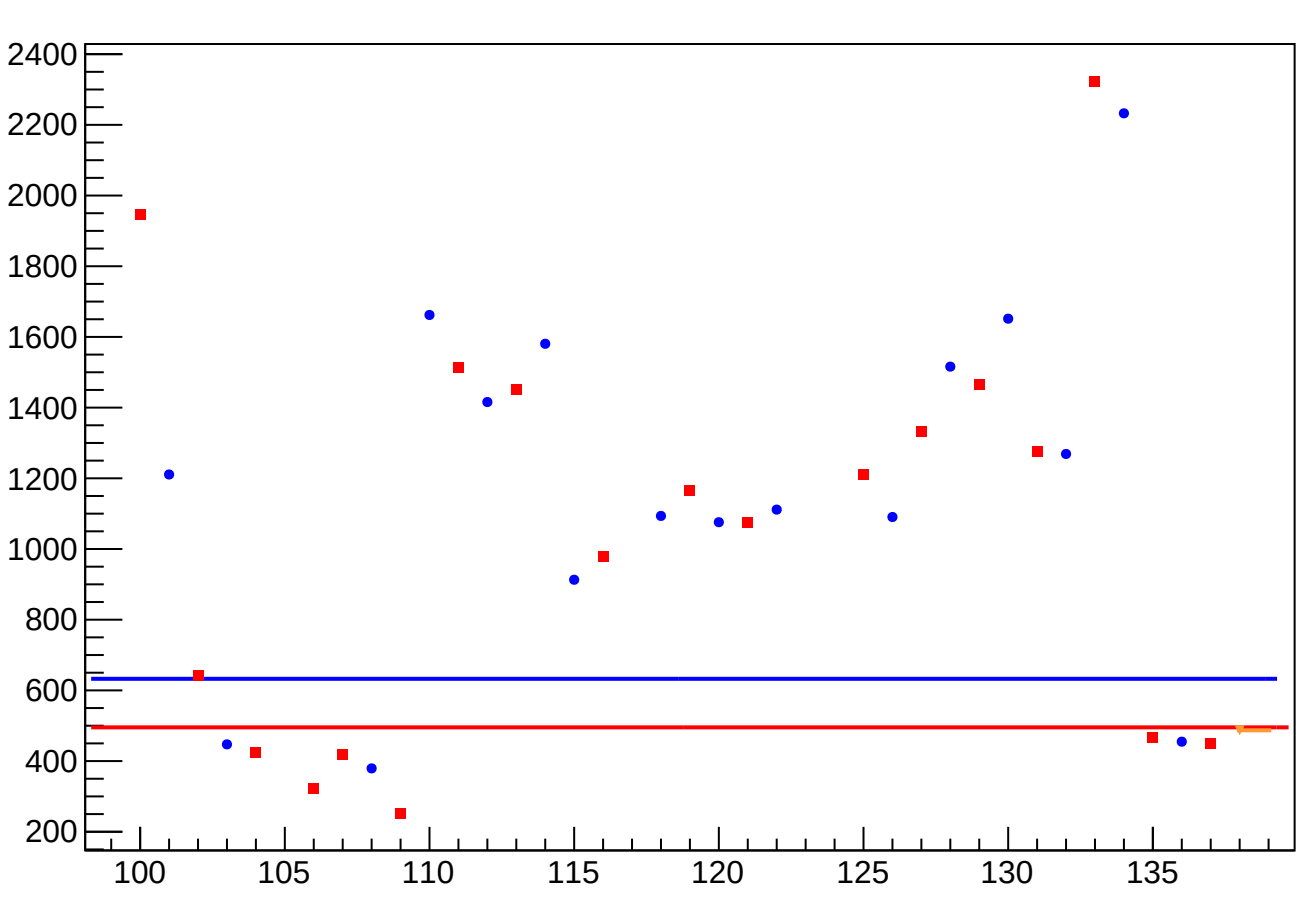
Right Out: 372.538+/-231.353 χ^2/NDF: 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 262.496+/-246.324 χ^2/NDF: 21.4/16

All: 320.963+/-168.636 χ^2/NDF: 35.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 632.753+/-0.194 χ^2/NDF: 3767731.7/15

Left Out: 487.032+/-0.393 χ^2/NDF:0.0/0

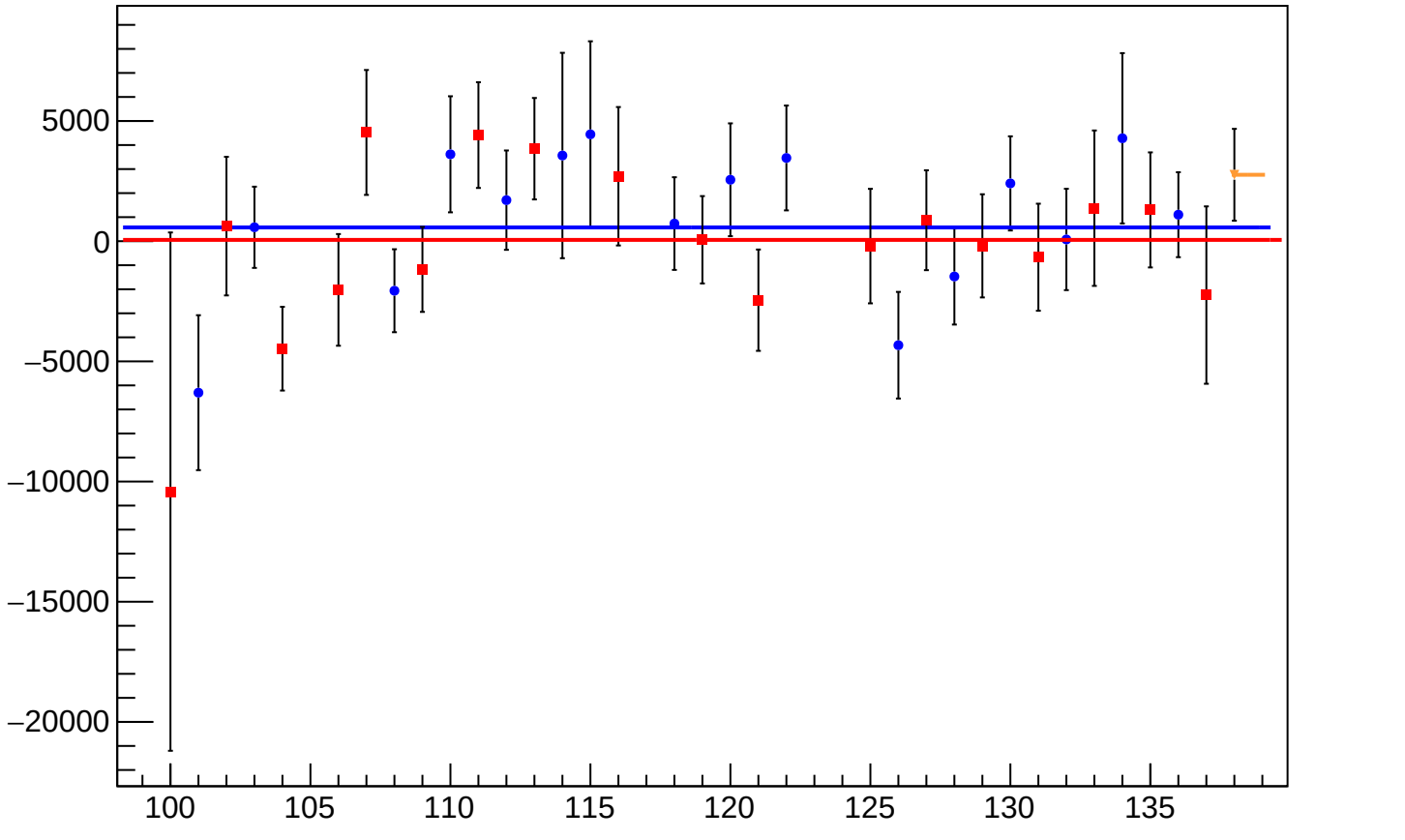
Right Out: 495.380+/-0.164 χ^2/NDF: 4337484.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 604.170+/-0.174 χ^2/NDF: 3878092.3/16

All: 546.369+/-0.119 χ^2/NDF: 8422852.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 572.289+/-549.638 χ^2/NDF: 20.8/15

Left Out: 2763.170+/-1910.317 χ^2/NDF:0.0/0

Right Out: 53.754+/-545.353 χ^2/NDF: 22.5/17

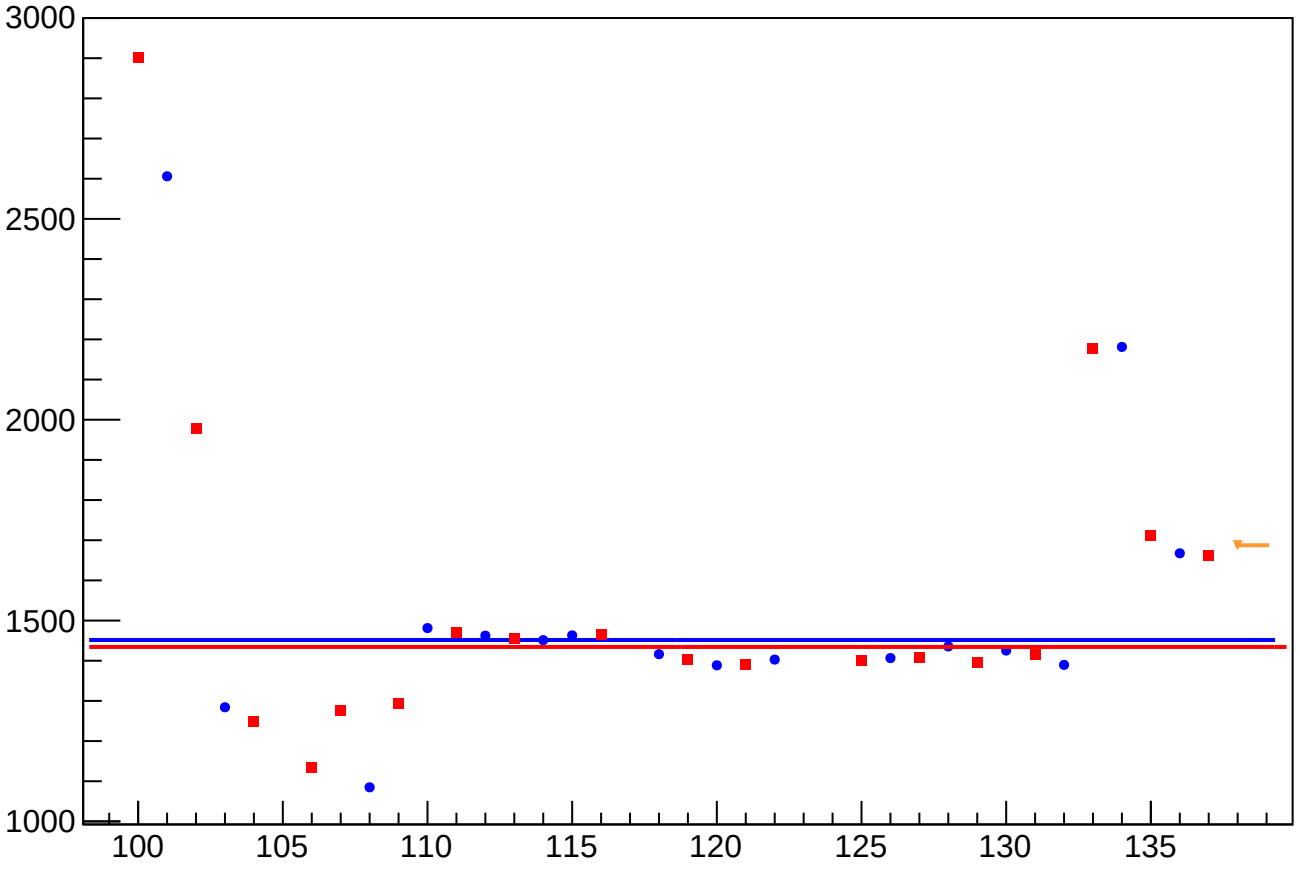
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 739.791+/-528.209 χ^2/NDF: 22.0/16

All: 407.725+/-379.416 χ^2/NDF: 45.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1451.579+/-0.389 χ^2/NDF: 487836.7/15

Left Out: 1687.545+/-1.351 χ^2/NDF:0.0/0

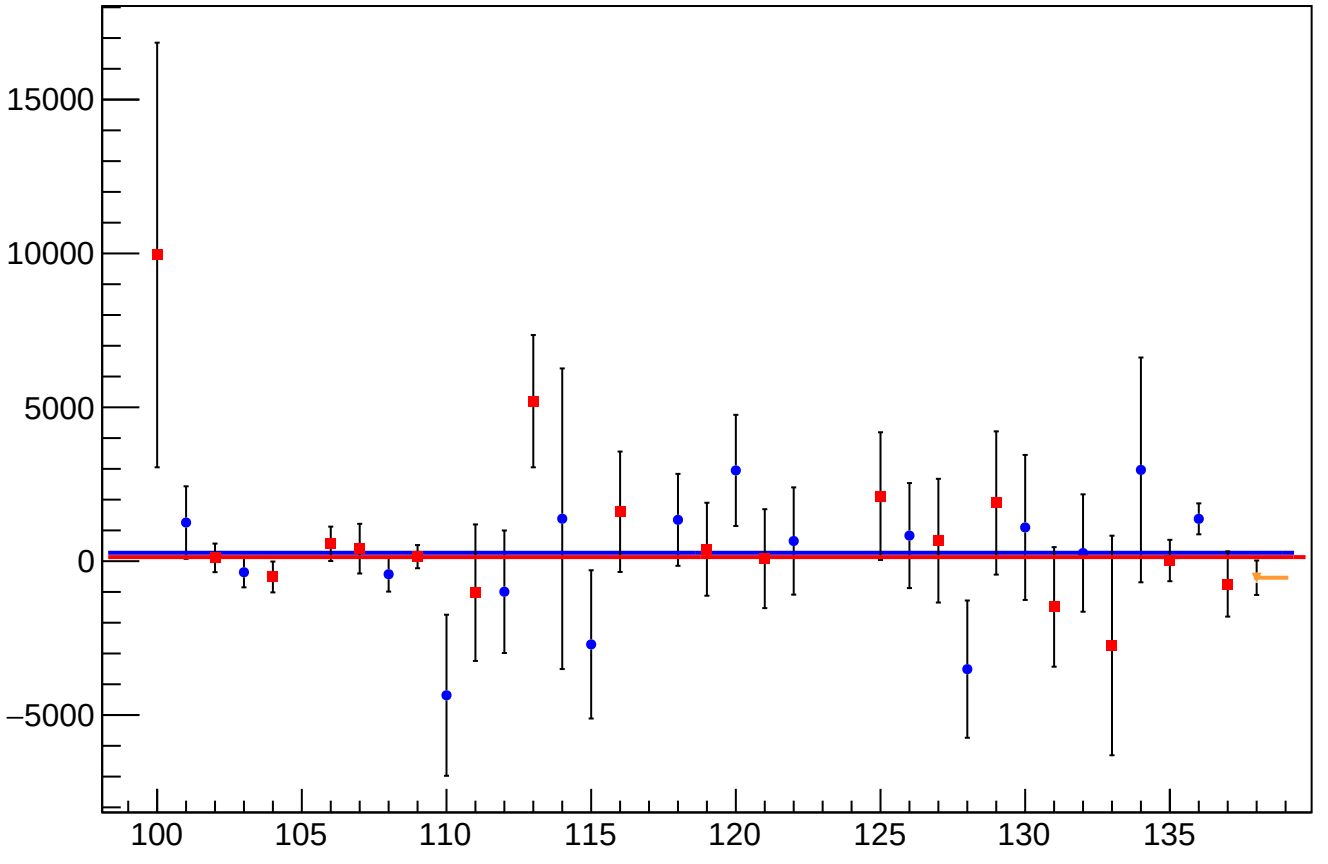
Right Out: 1434.321+/-0.386 χ^2/NDF: 328590.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1469.620+/-0.374 χ^2/NDF: 516018.9/16

All: 1452.534+/-0.268 χ^2/NDF: 848932.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 273.439+/-260.537 χ^2/NDF: 20.2/15

Left Out: -537.851+/-559.959 χ^2/NDF:0.0/0

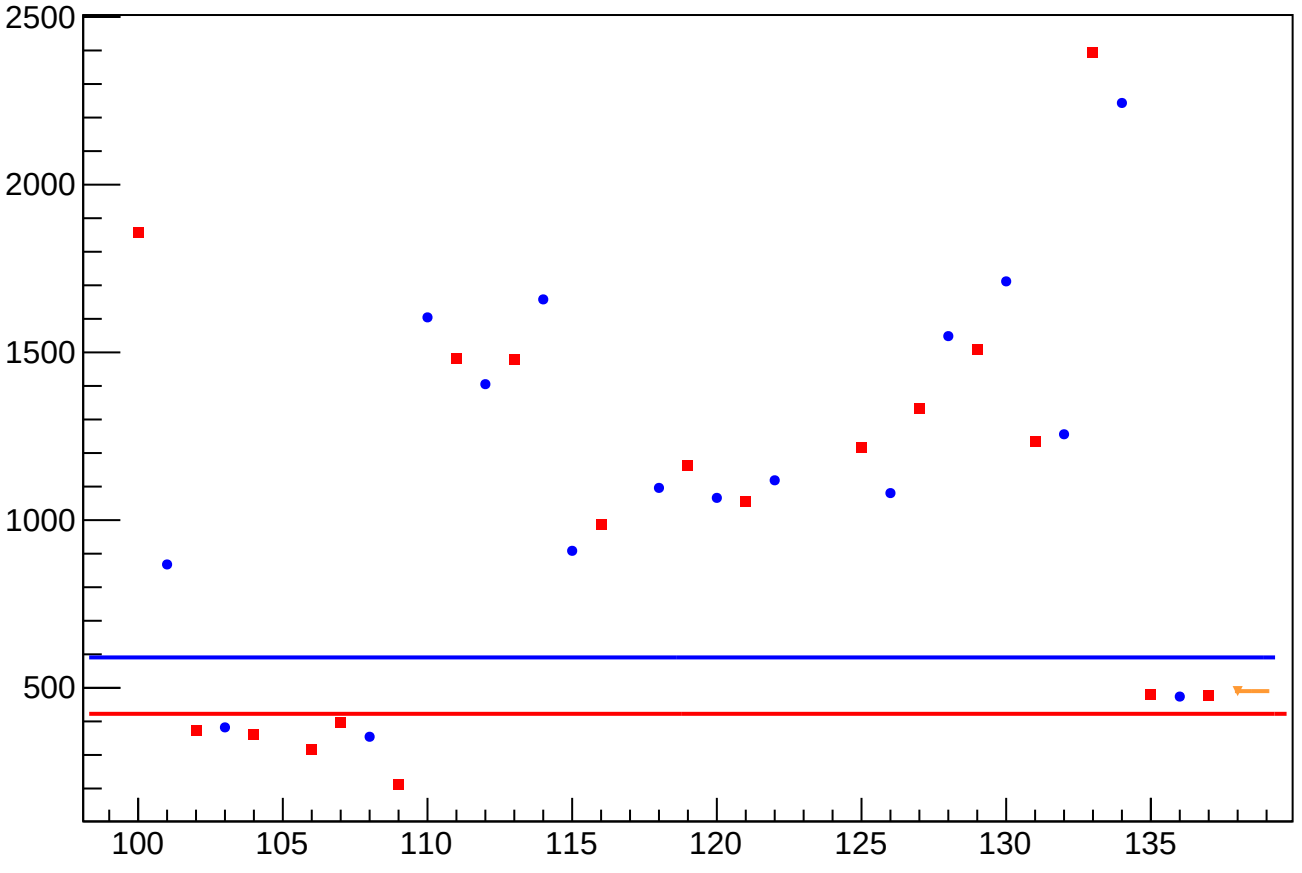
Right Out: 132.573+/-195.933 χ^2/NDF: 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 129.063+/-236.219 χ^2/NDF: 21.9/16

All: 131.142+/-150.808 χ^2/NDF: 36.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 590.749+/-0.184 χ^2/NDF: 3885502.1/15

Left Out: 490.292+/-0.396 χ^2/NDF:0.0/0

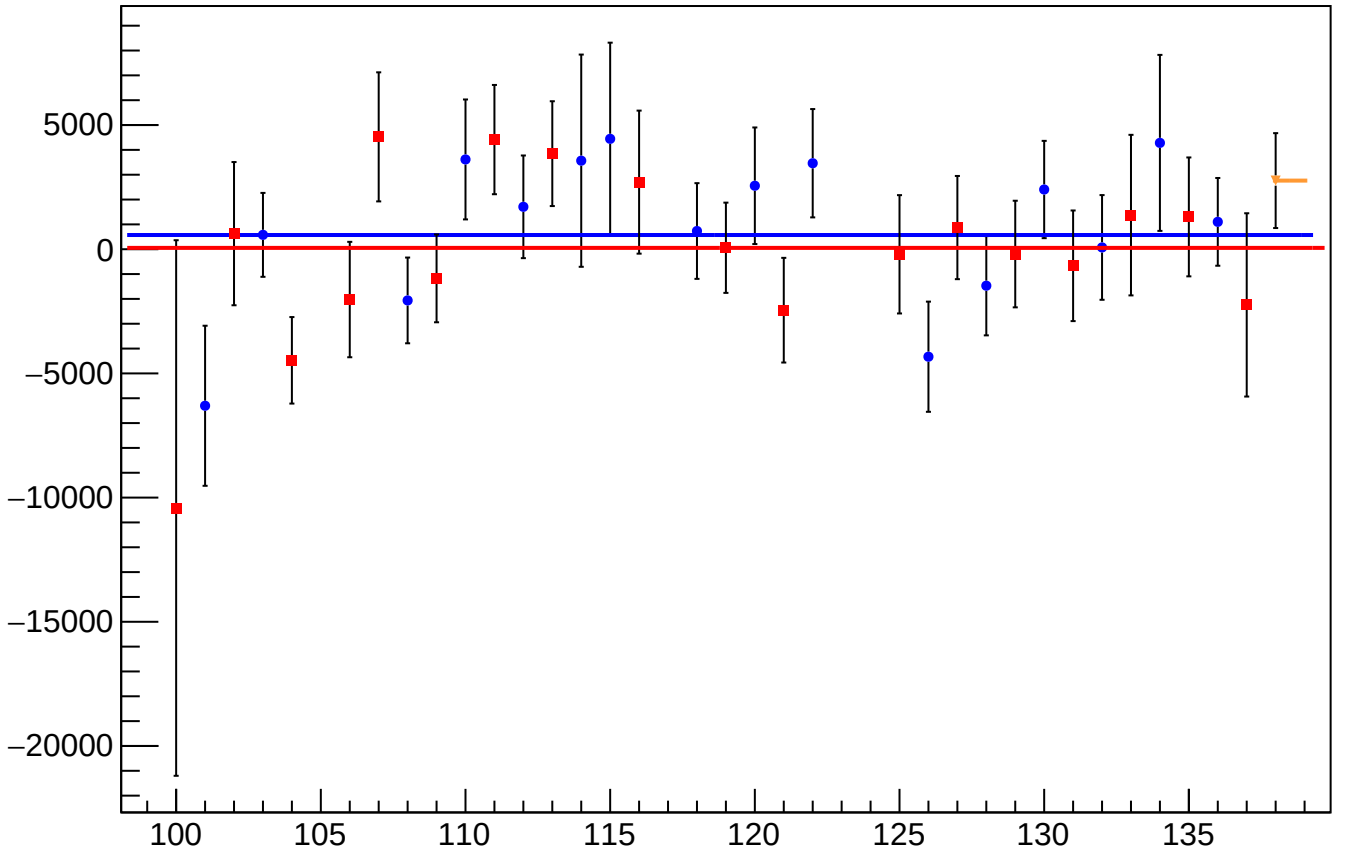
Right Out: 422.629+/-0.139 χ^2/NDF: 4858014.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 572.872+/-0.167 χ^2/NDF: 3938415.8/16

All: 483.865+/-0.107 χ^2/NDF: 9275740.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 572.290+/-549.638 χ^2/NDF: 20.8/15

Left Out: 2763.134+/-1910.317 χ^2/NDF:0.0/0

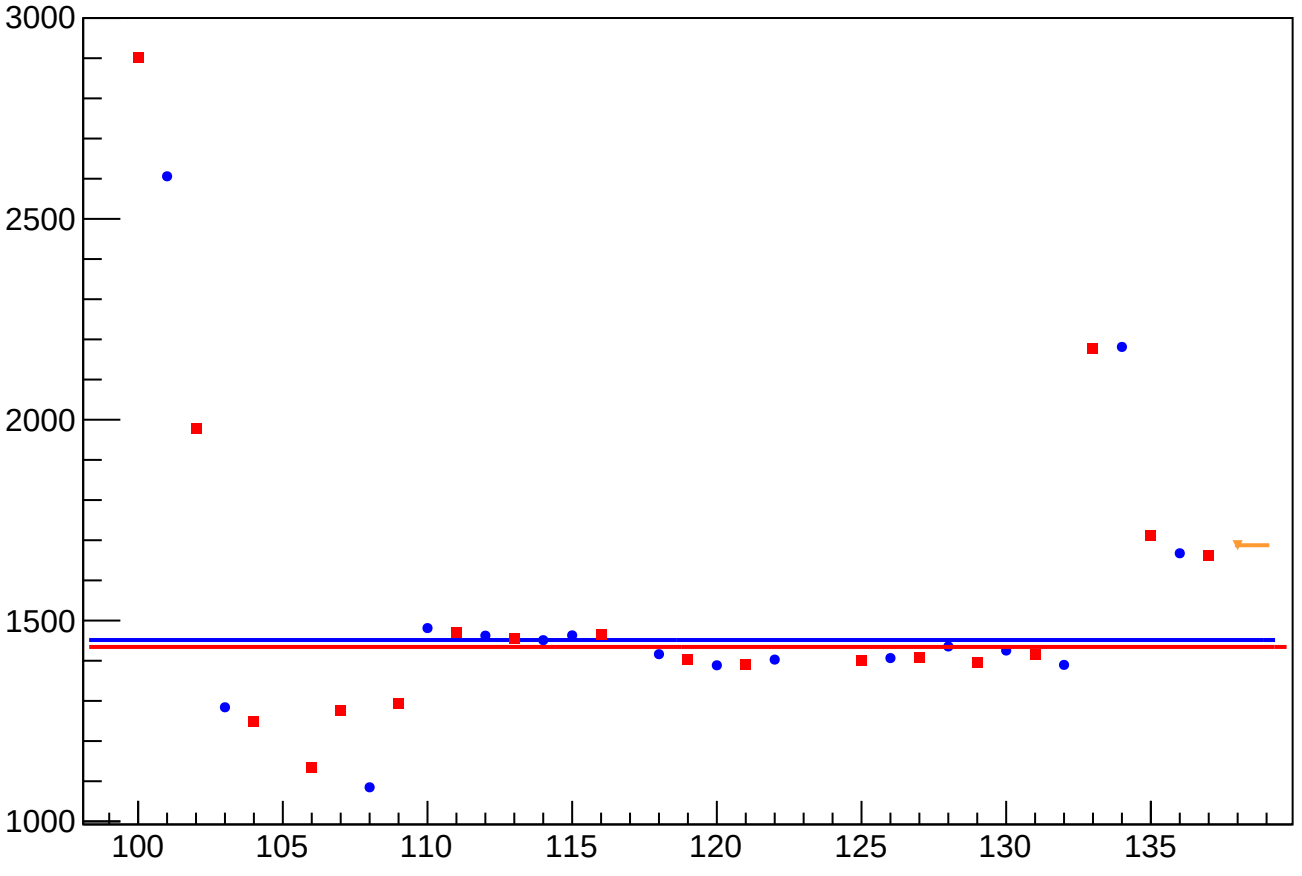
Right Out: 53.752+/-545.353 χ^2/NDF: 22.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 739.789+/-528.209 χ^2/NDF: 22.0/16

All: 407.723+/-379.416 χ^2/NDF: 45.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1451.579+/-0.389 χ^2/NDF: 487836.2/15

Left Out: 1687.545+/-1.351 χ^2/NDF:0.0/0

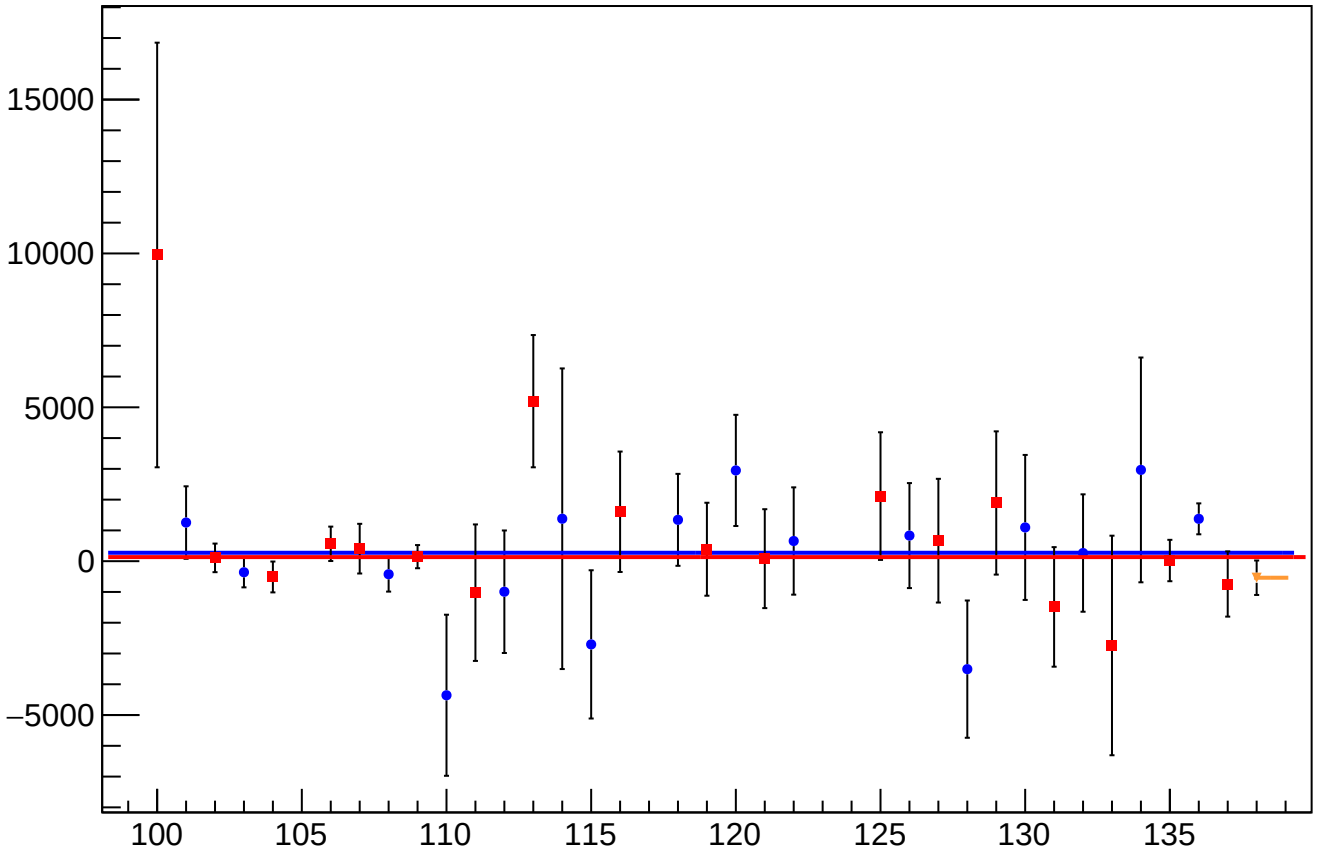
Right Out: 1434.321+/-0.386 χ^2/NDF: 328590.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1469.620+/-0.374 χ^2/NDF: 516018.4/16

All: 1452.534+/-0.268 χ^2/NDF: 848932.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 273.429+/-260.536 χ^2/NDF: 20.2/15

Left Out: -537.884+/-559.983 χ^2/NDF:0.0/0

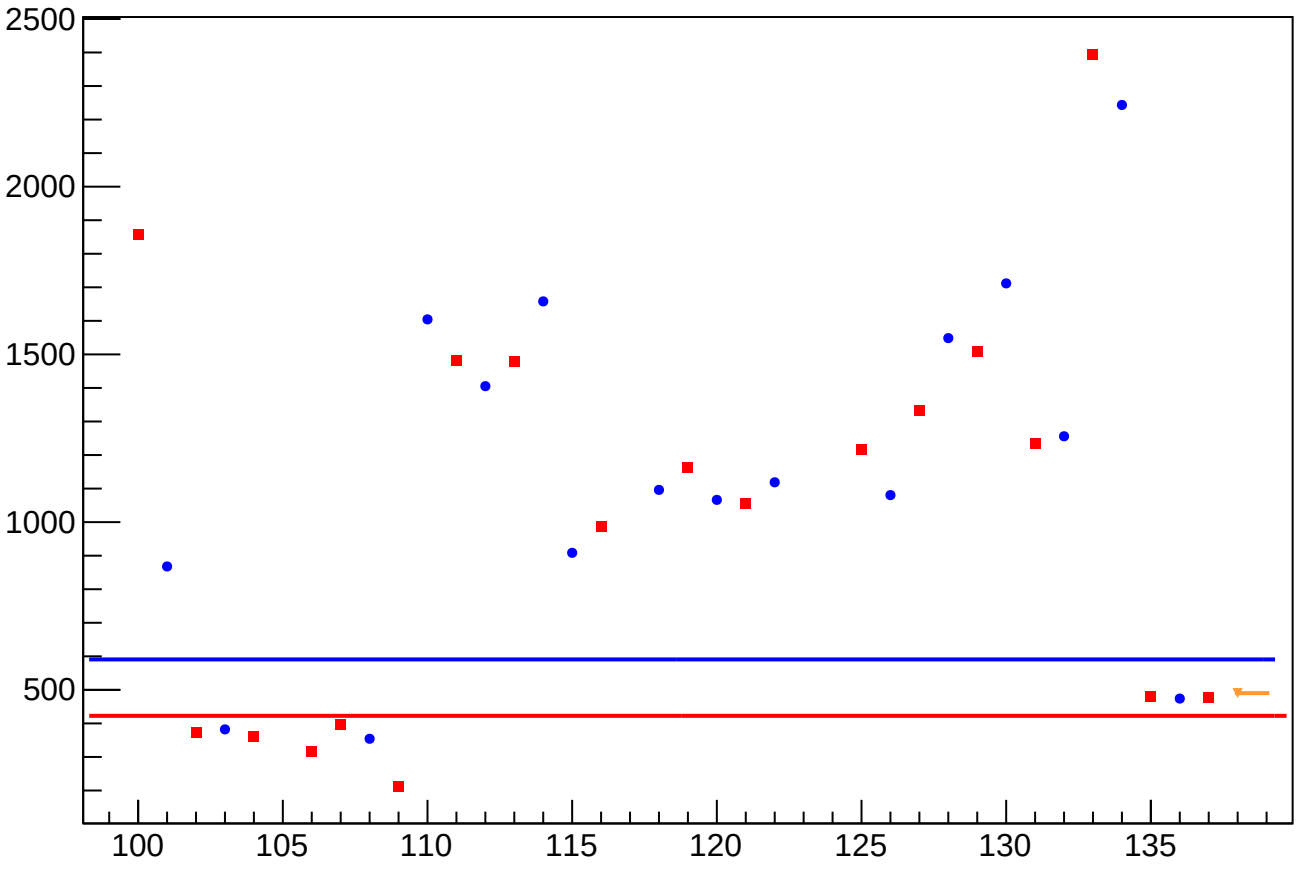
Right Out: 132.567+/-195.935 χ^2/NDF: 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 129.060+/-236.221 χ^2/NDF: 21.9/16

All: 131.138+/-150.809 χ^2/NDF: 36.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 590.747+/-0.184 χ^2/NDF: 3885530.6/15

Left Out: 490.314+/-0.396 χ^2/NDF:0.0/0

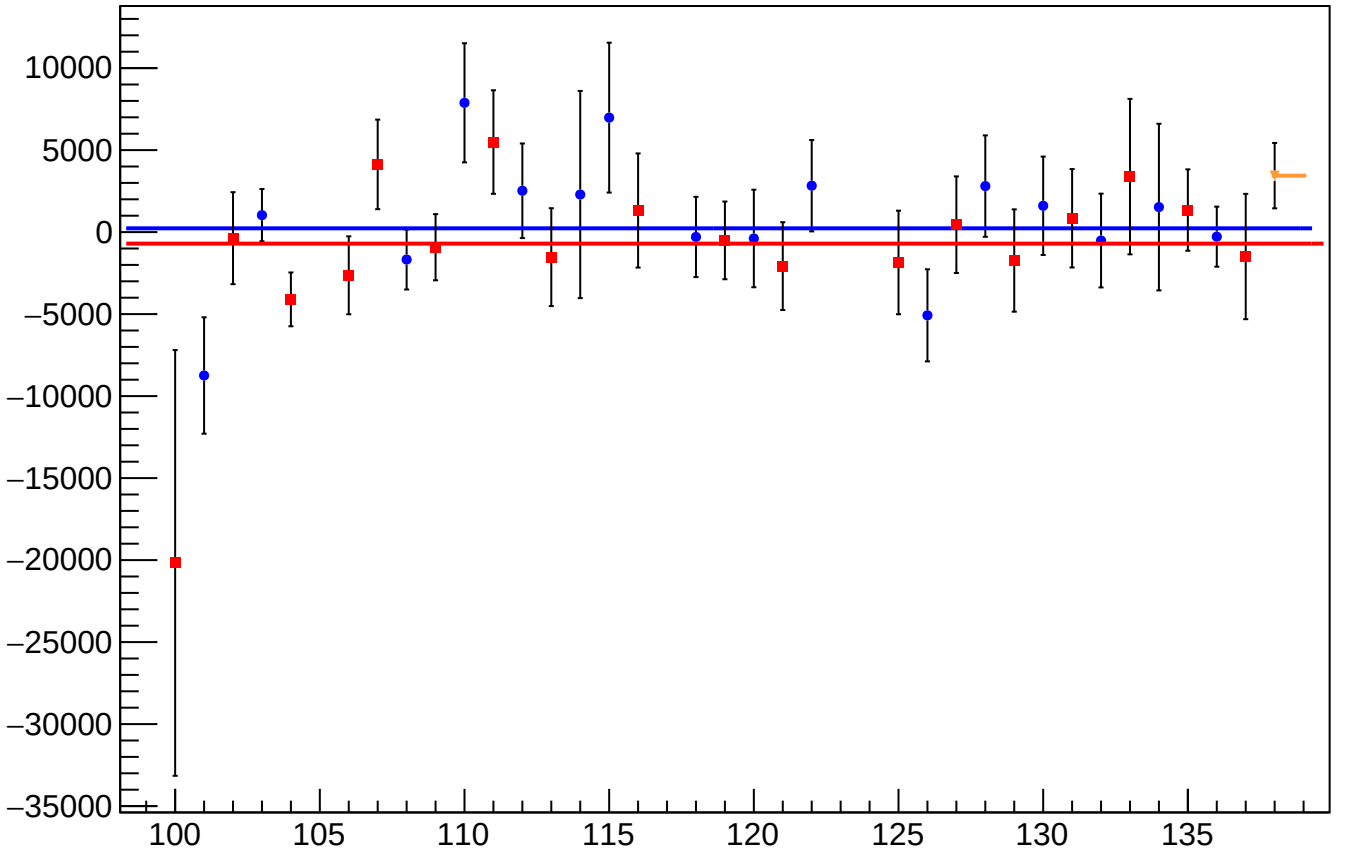
Right Out: 422.634+/-0.139 χ^2/NDF: 4857932.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 572.875+/-0.167 χ^2/NDF: 3938415.9/16

All: 483.870+/-0.107 χ^2/NDF: 9275640.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 230.761+/-666.241 χ^2/NDF: 20.7/15

Left Out: 3442.959+/-1994.211 χ^2/NDF:0.0/0

Right Out: -702.268+/-648.319 χ^2/NDF: 17.0/17

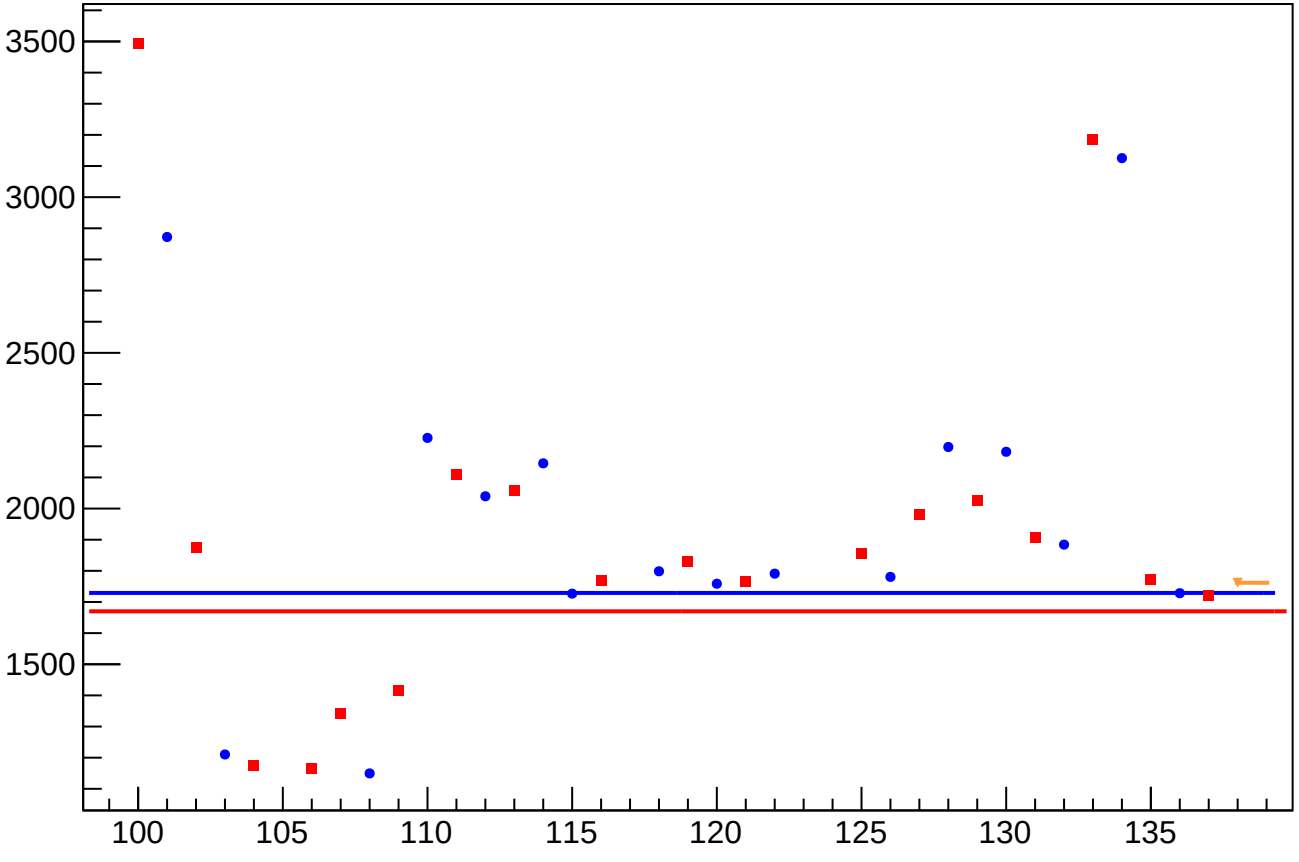
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 553.290+/-631.908 χ^2/NDF: 23.1/16

All: -58.397+/-452.517 χ^2/NDF: 42.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1729.050+/-0.471 χ^2/NDF: 942079.1/15

Left Out: 1761.642+/-1.410 χ^2/NDF:0.0/0

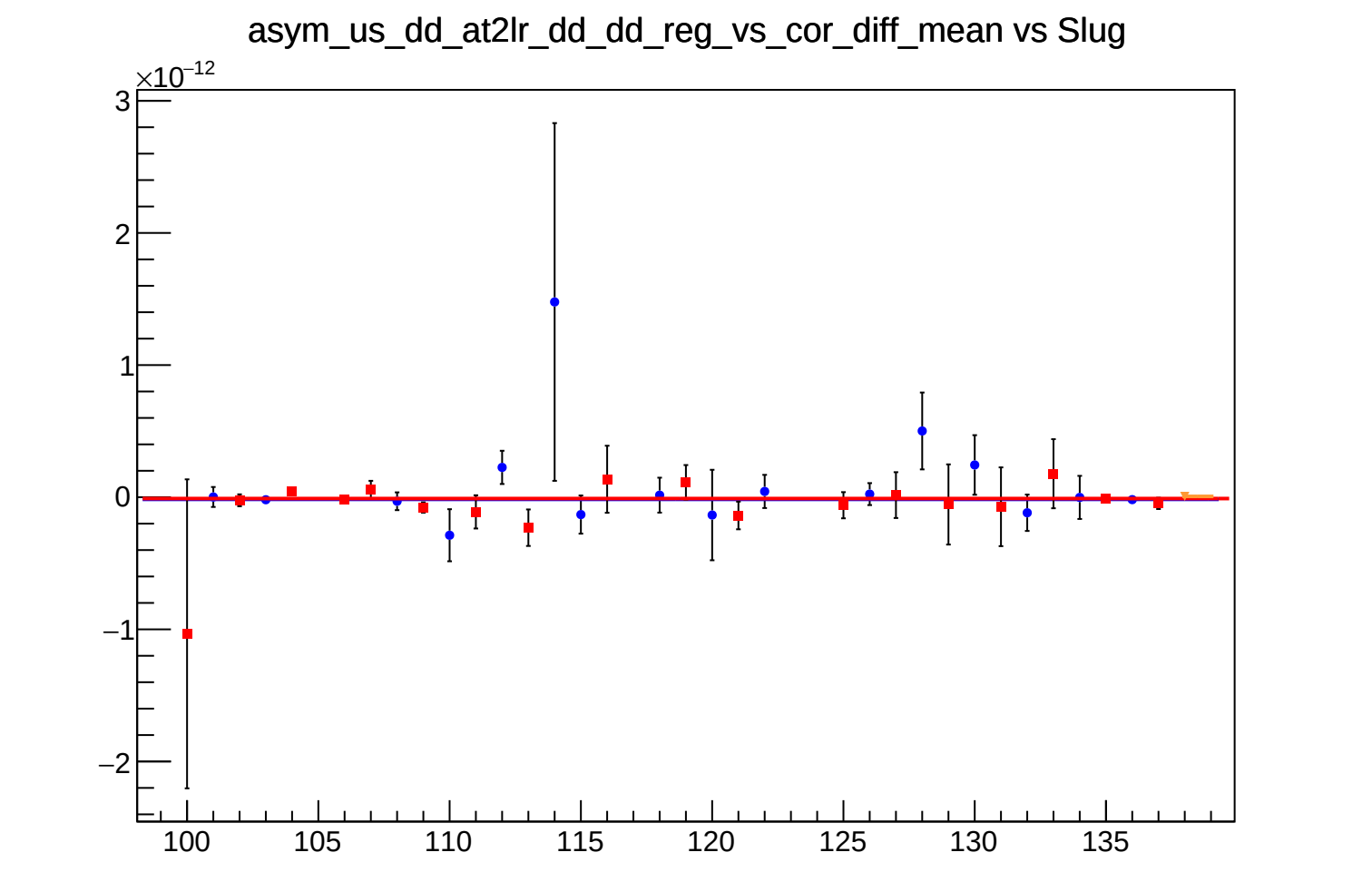
Right Out: 1670.056+/-0.458 χ^2/NDF: 744452.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1732.322+/-0.447 χ^2/NDF: 942559.7/16

All: 1701.987+/-0.320 χ^2/NDF: 1696472.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

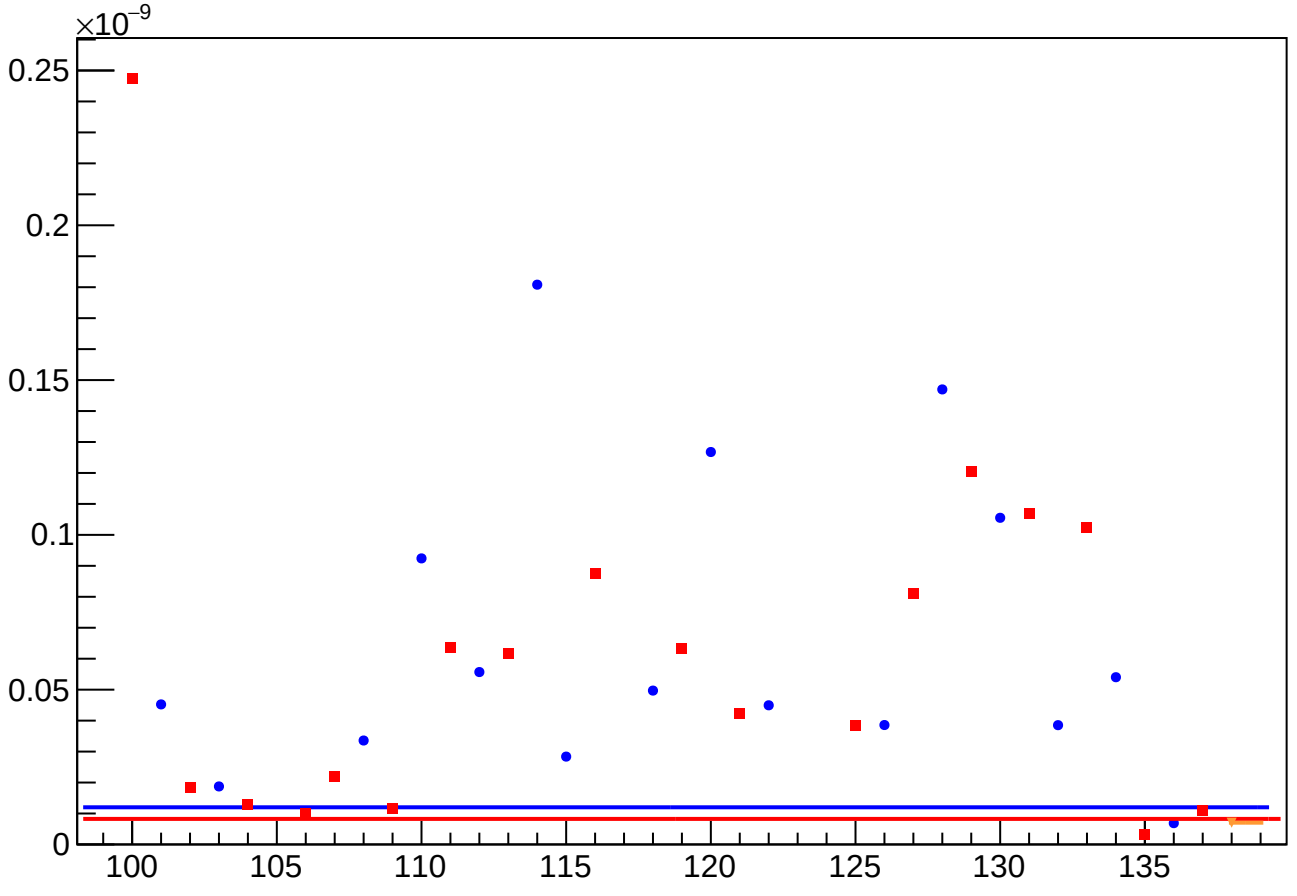
Right Out: -0.000+/-0.000 χ^2/NDF: 16.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.2/16

All: -0.000+/-0.000 χ^2/NDF: 31.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3425893.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

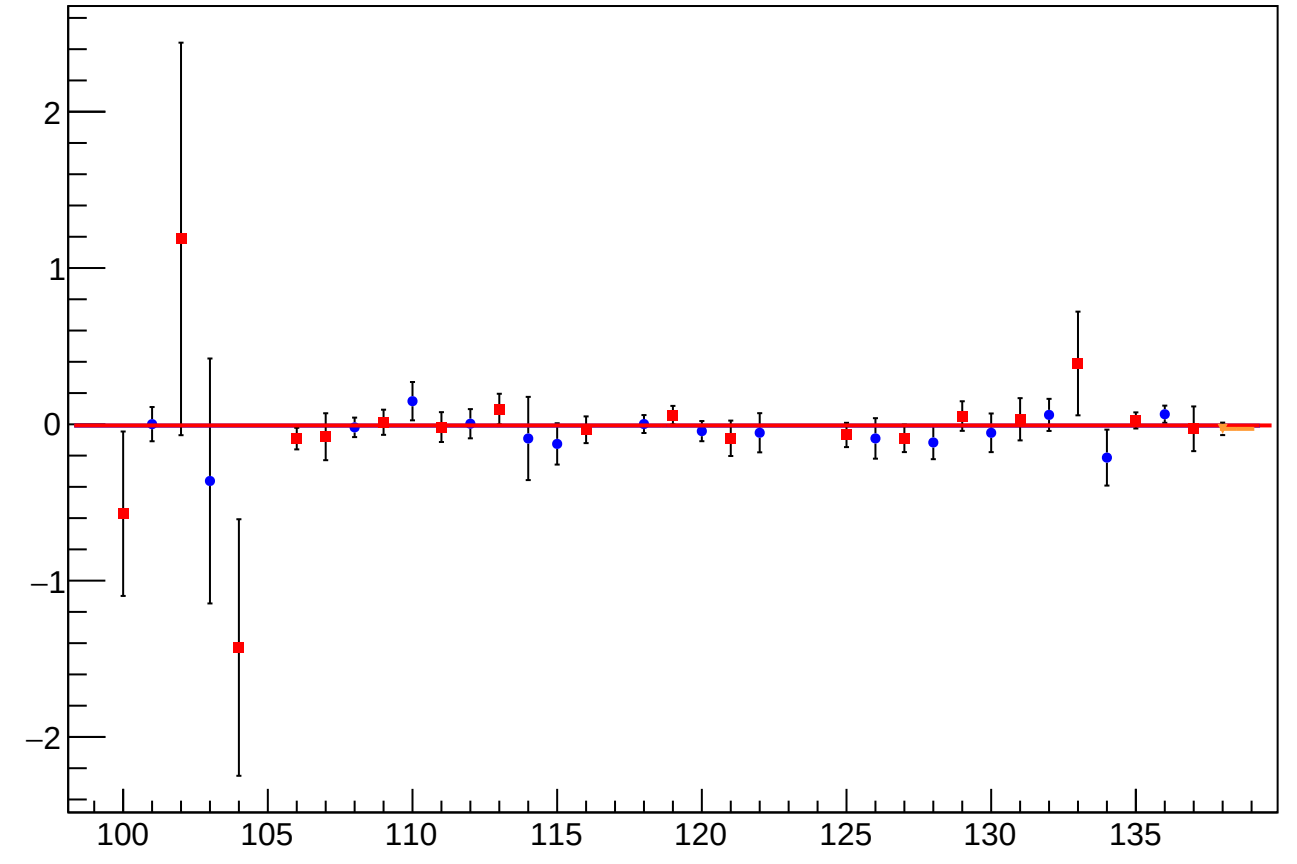
Right Out: 0.000+/-0.000 χ^2/NDF: 3510130.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3615780.8/16

All: 0.000+/-0.000 χ^2/NDF: 7169866.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.008+/-0.023 χ^2/NDF: 8.3/15

Left Out: -0.029+/-0.040 χ^2/NDF:0.0/0

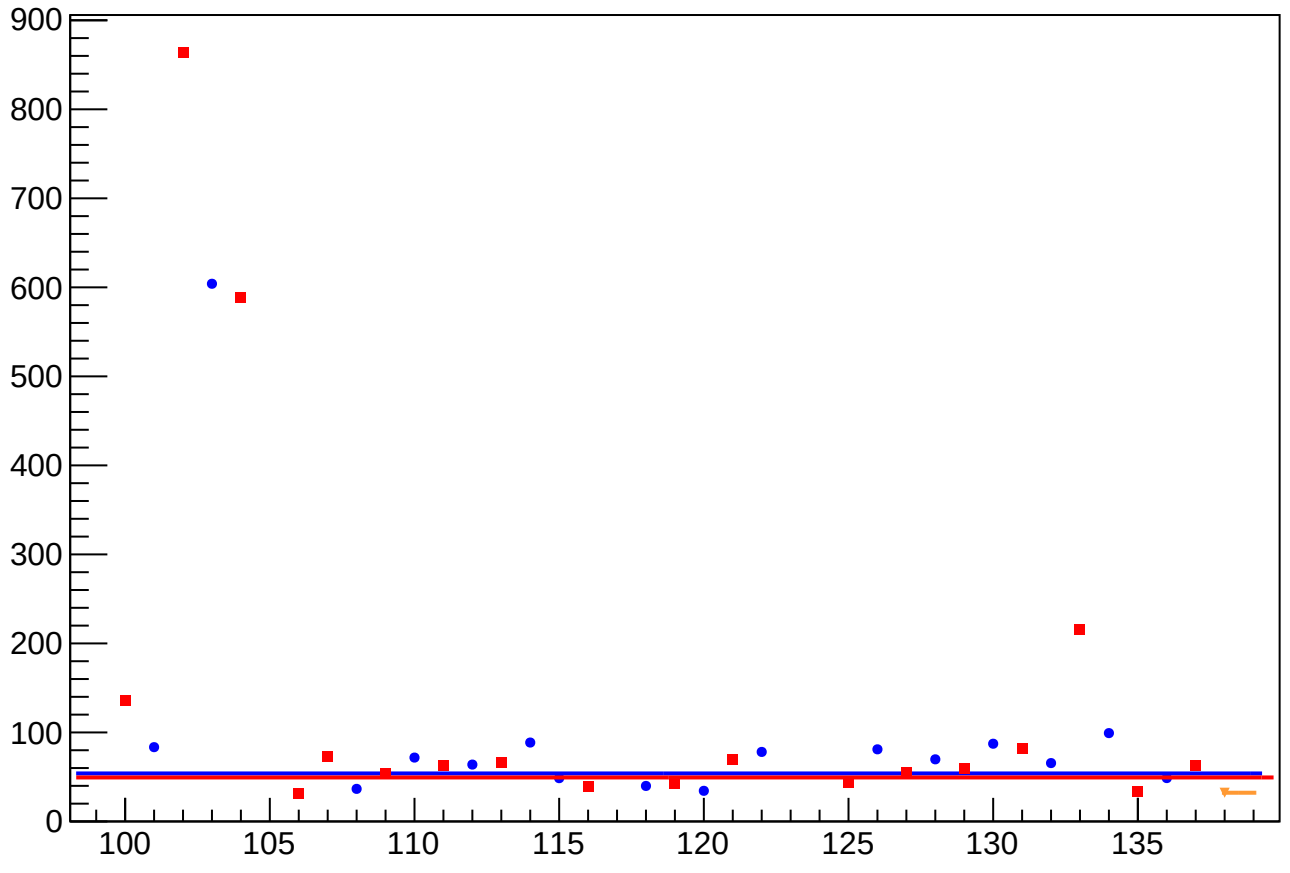
Right Out: -0.007+/-0.022 χ^2/NDF: 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.013+/-0.020 χ^2/NDF: 8.5/16

All: -0.011+/-0.015 χ^2/NDF: 22.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 53.926+/-0.016 χ^2/NDF: 2214348.1/15

Left Out: 32.260+/-0.028 χ^2/NDF:0.0/0

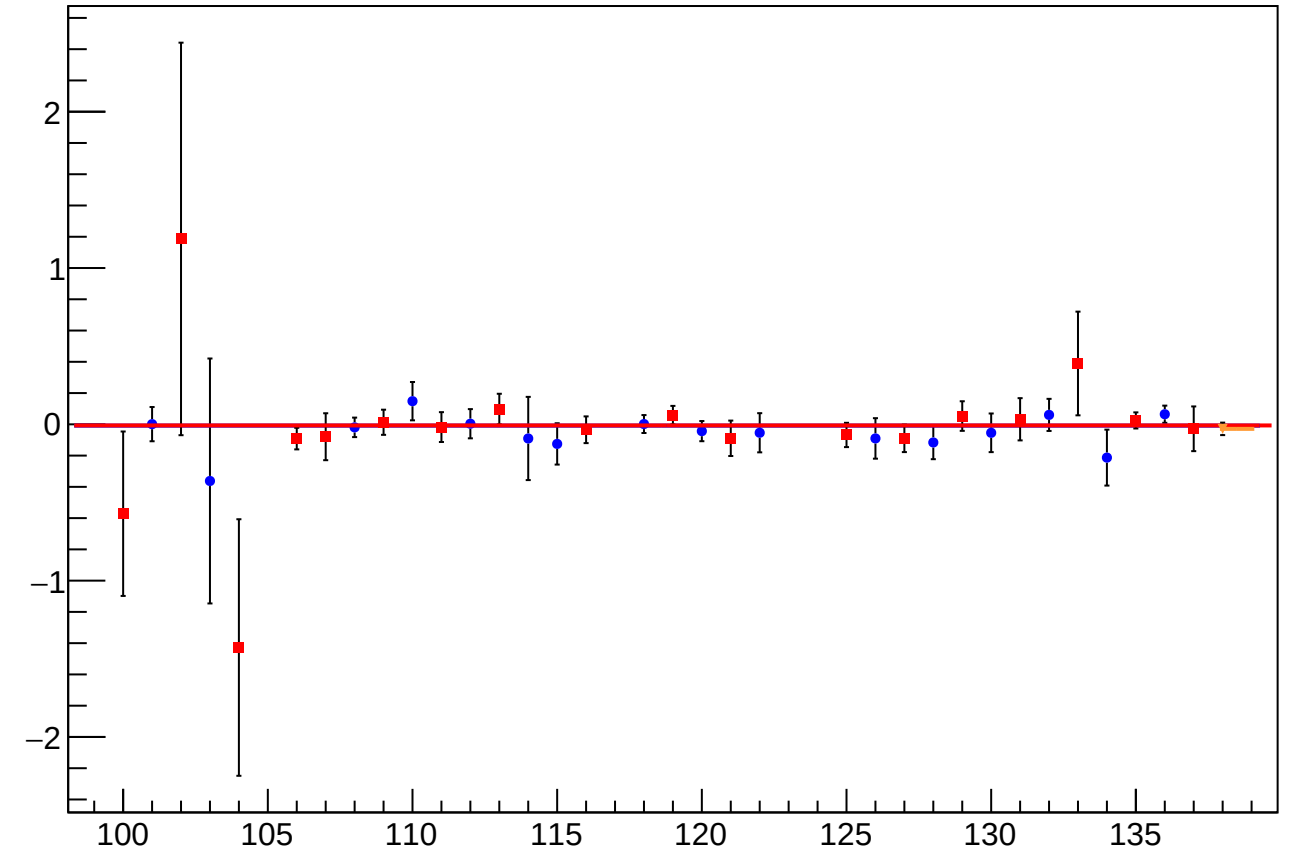
Right Out: 49.420+/-0.016 χ^2/NDF: 3017719.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.490+/-0.014 χ^2/NDF: 2655472.8/16

All: 48.906+/-0.011 χ^2/NDF: 5675124.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.008+/-0.023 χ^2/NDF: 8.3/15

Left Out: -0.029+/-0.040 χ^2/NDF:0.0/0

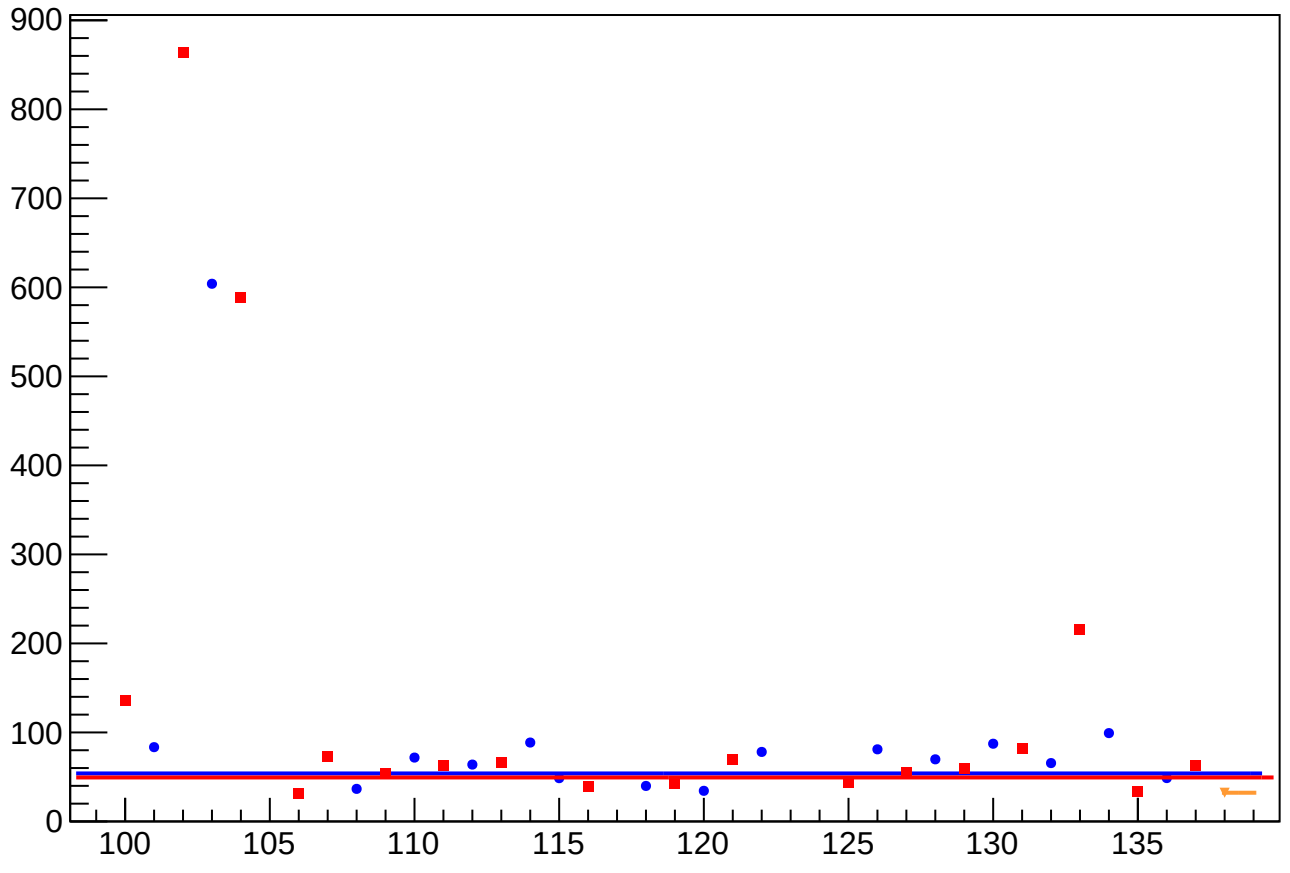
Right Out: -0.007+/-0.022 χ^2/NDF: 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.013+/-0.020 χ^2/NDF: 8.5/16

All: -0.011+/-0.015 χ^2/NDF: 22.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 53.926+/-0.016 χ^2/NDF: 2214348.1/15

Left Out: 32.260+/-0.028 χ^2/NDF:0.0/0

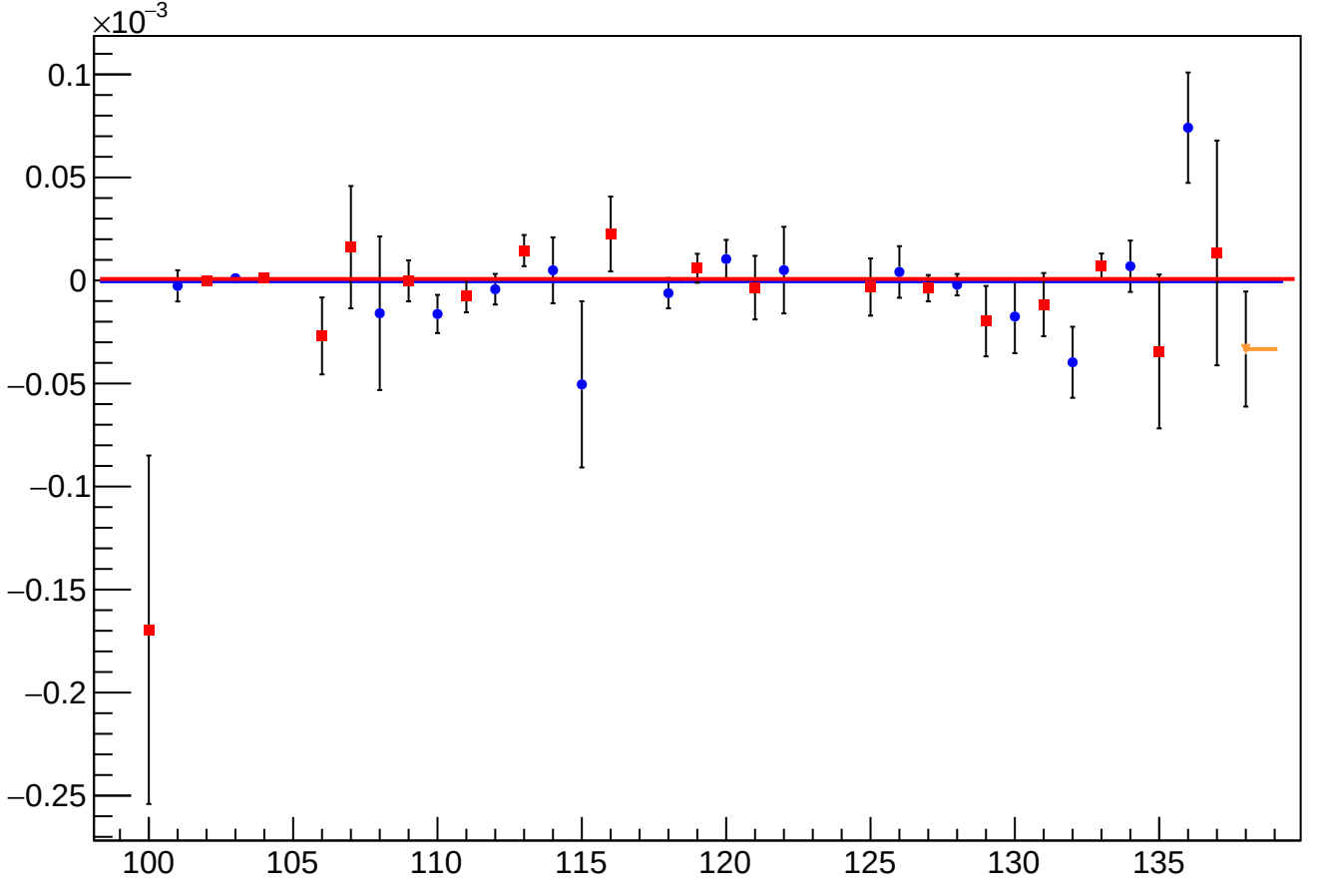
Right Out: 49.420+/-0.016 χ^2/NDF: 3017719.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.490+/-0.014 χ^2/NDF: 2655472.8/16

All: 48.906+/-0.011 χ^2/NDF: 5675124.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 22.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

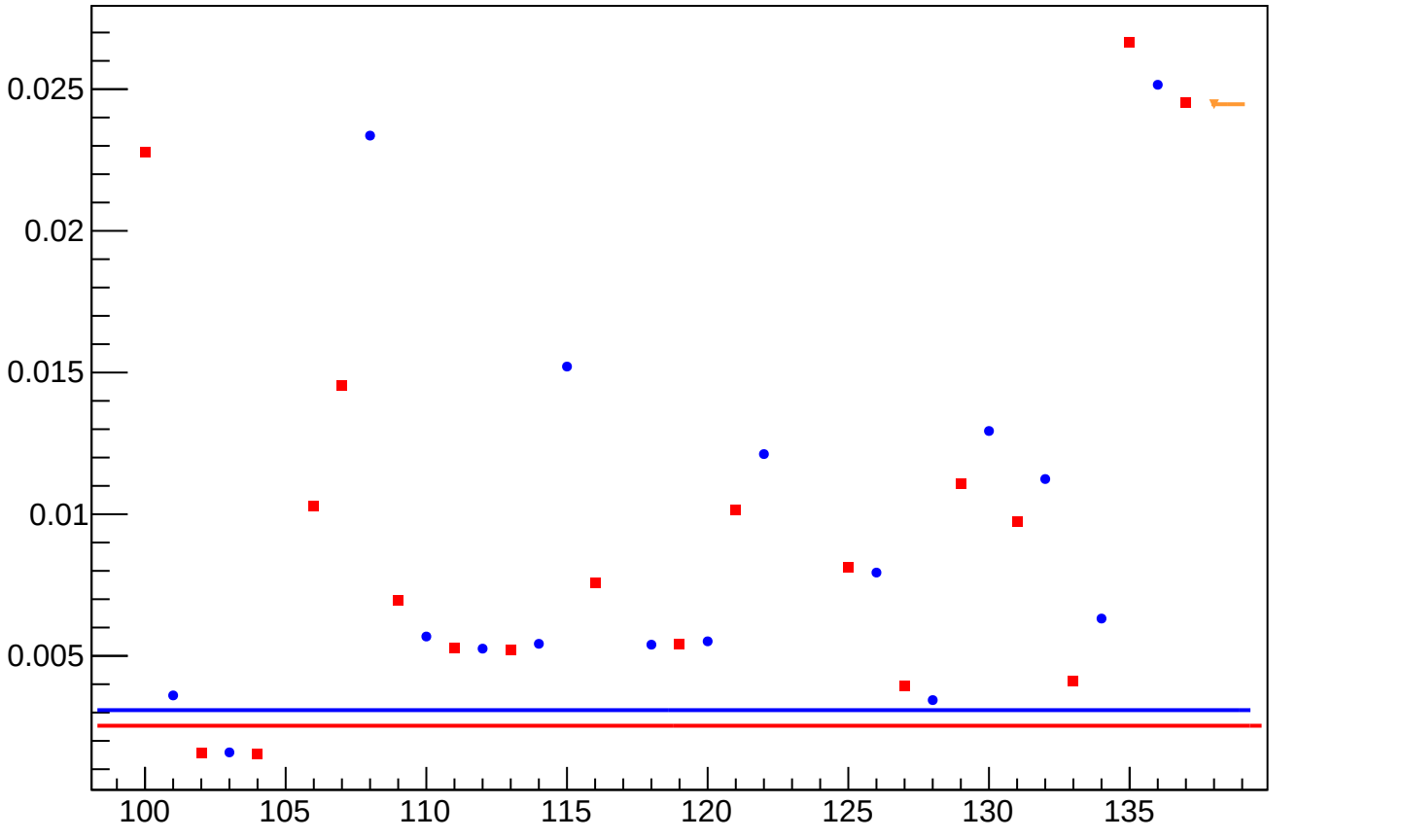
Right Out: 0.000+/-0.000 χ^2/NDF: 17.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 23.5/16

All: 0.000+/-0.000 χ^2/NDF: 41.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.000 χ^2/NDF: 5779108.6/15

Left Out: 0.024+/-0.000 χ^2/NDF:0.0/0

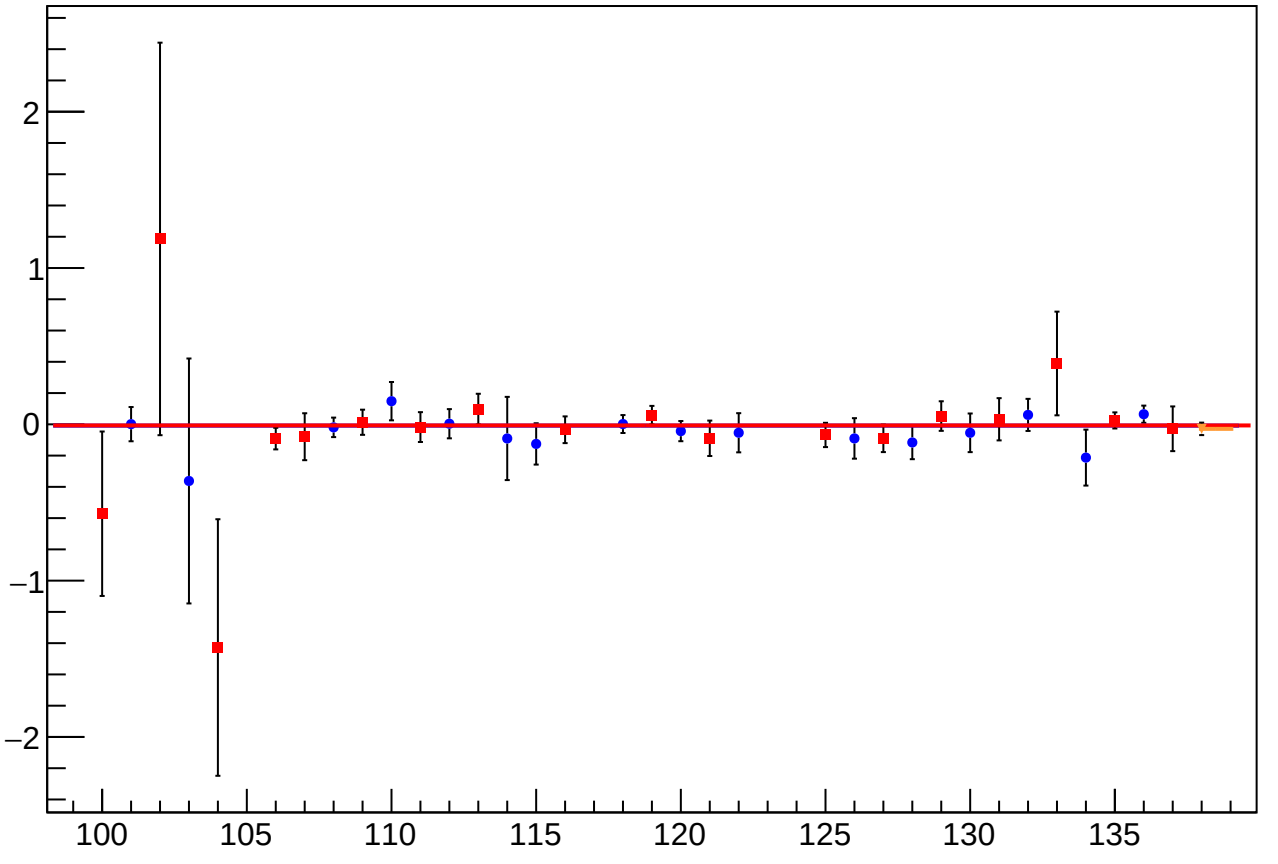
Right Out: 0.003+/-0.000 χ^2/NDF: 6237059.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 6948012.7/16

All: 0.003+/-0.000 χ^2/NDF: 13368166.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.008+/-0.023 χ^2/NDF: 8.3/15

Left Out: -0.029+/-0.040 χ^2/NDF:0.0/0

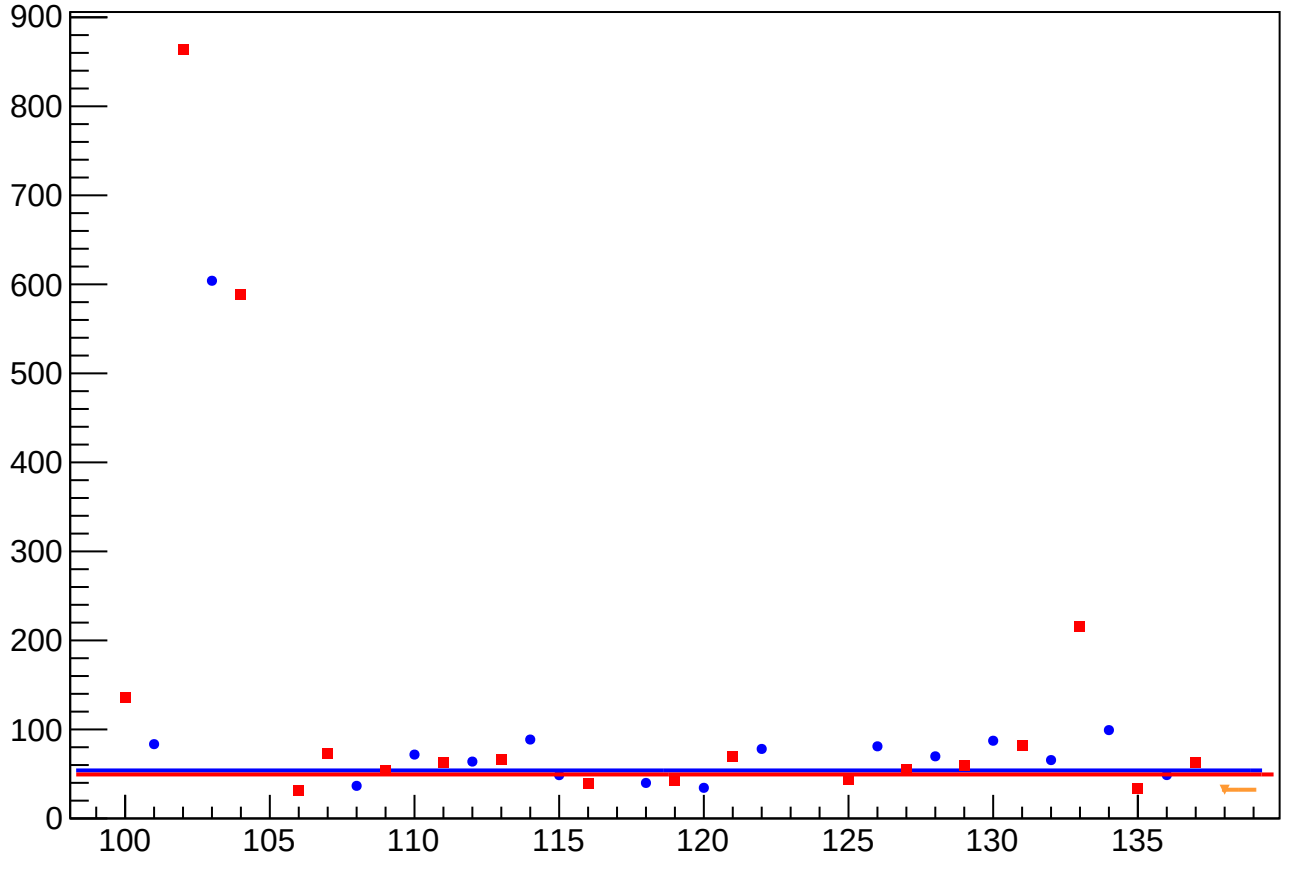
Right Out: -0.007+/-0.022 χ^2/NDF: 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.013+/-0.020 χ^2/NDF: 8.5/16

All: -0.011+/-0.015 χ^2/NDF: 22.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 53.929+/-0.016 χ^2/NDF: 2213950.2/15

Left Out: 32.268+/-0.028 χ^2/NDF:0.0/0

Right Out: 49.422+/-0.016 χ^2/NDF: 3017440.2/17

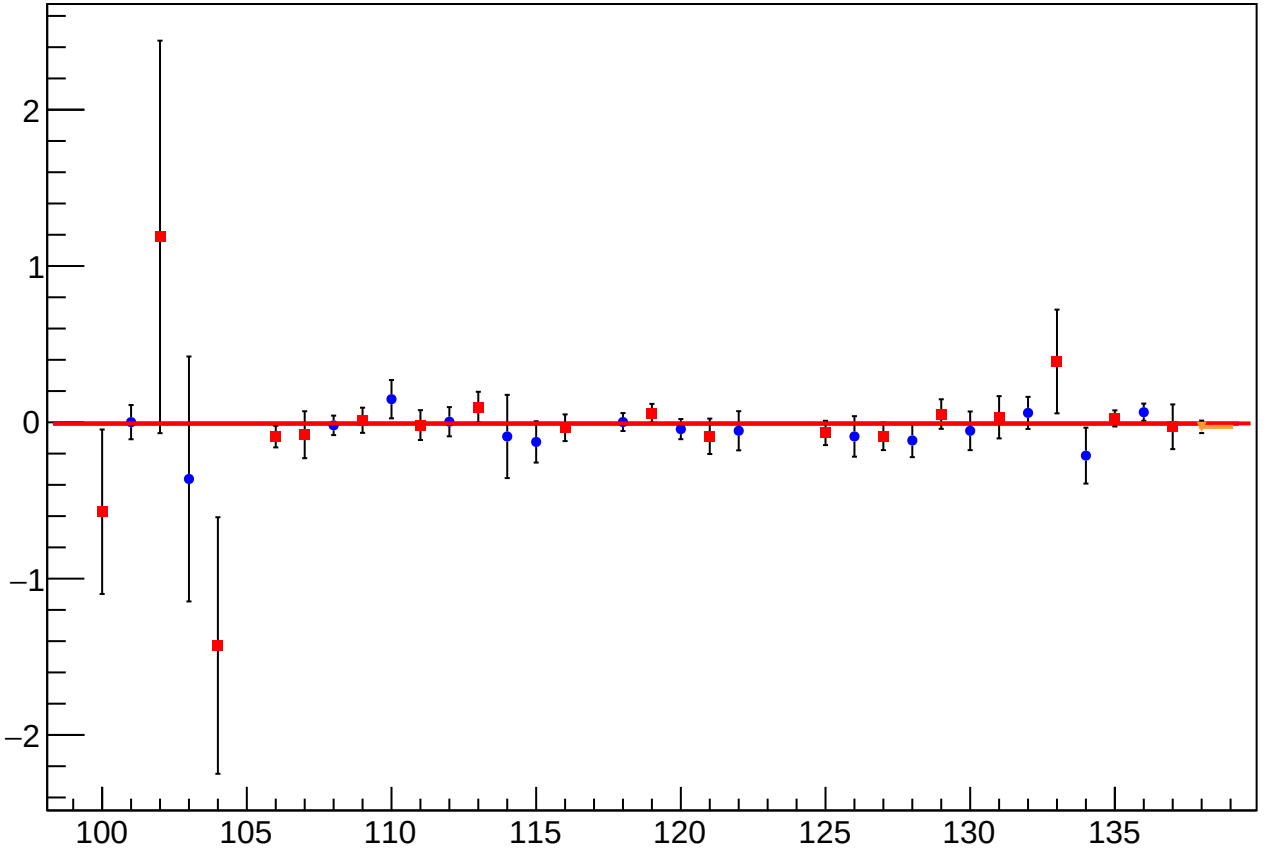
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.496+/-0.014 χ^2/NDF: 2654734.2/16

All: 48.910+/-0.011 χ^2/NDF: 5674092.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008+/-0.023 χ^2/NDF: 8.3/15

Left Out: -0.029+/-0.040 χ^2/NDF:0.0/0

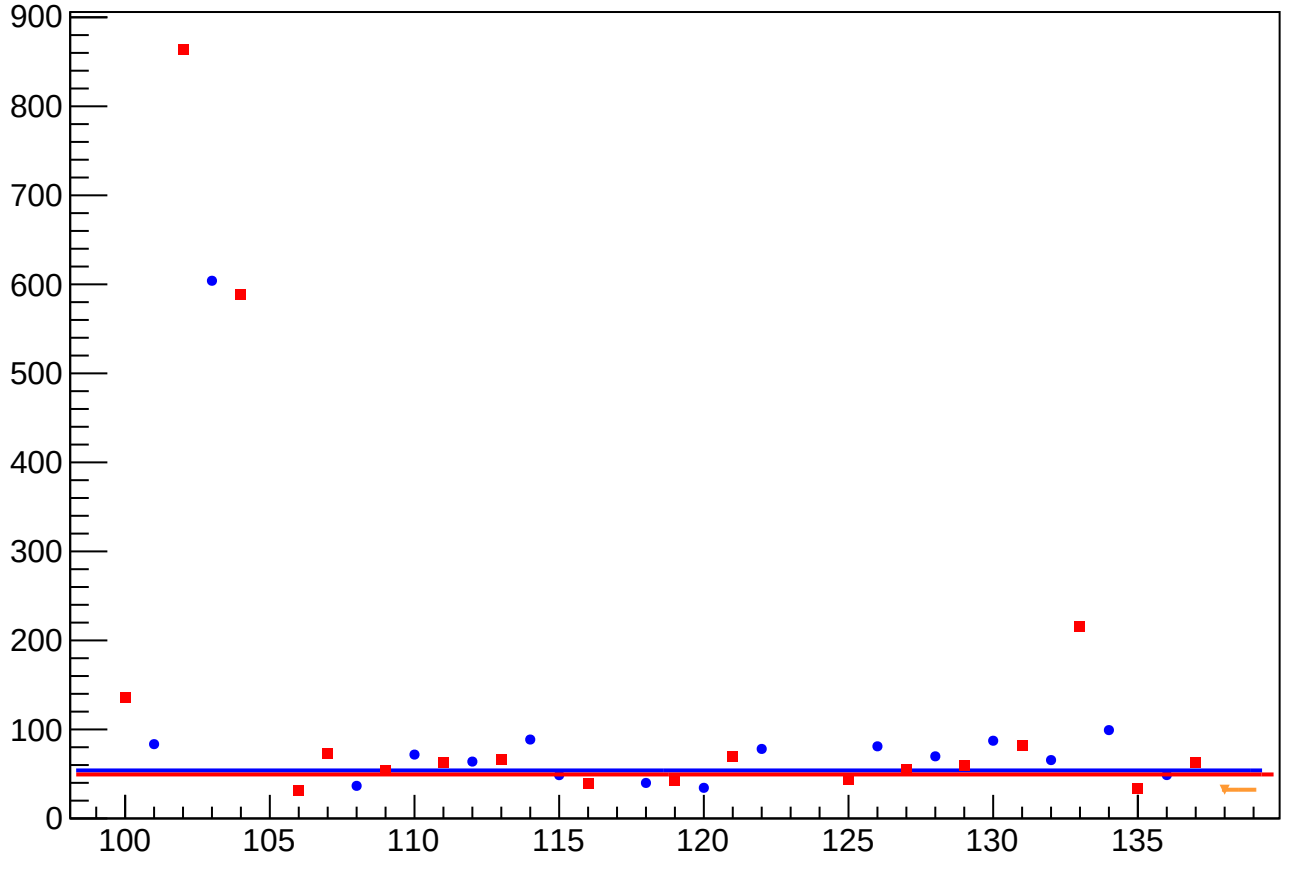
Right Out: -0.007+/-0.022 χ^2/NDF: 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.013+/-0.020 χ^2/NDF: 8.5/16

All: -0.011+/-0.015 χ^2/NDF: 22.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 53.929+/-0.016 χ^2/NDF: 2213950.2/15

Left Out: 32.268+/-0.028 χ^2/NDF:0.0/0

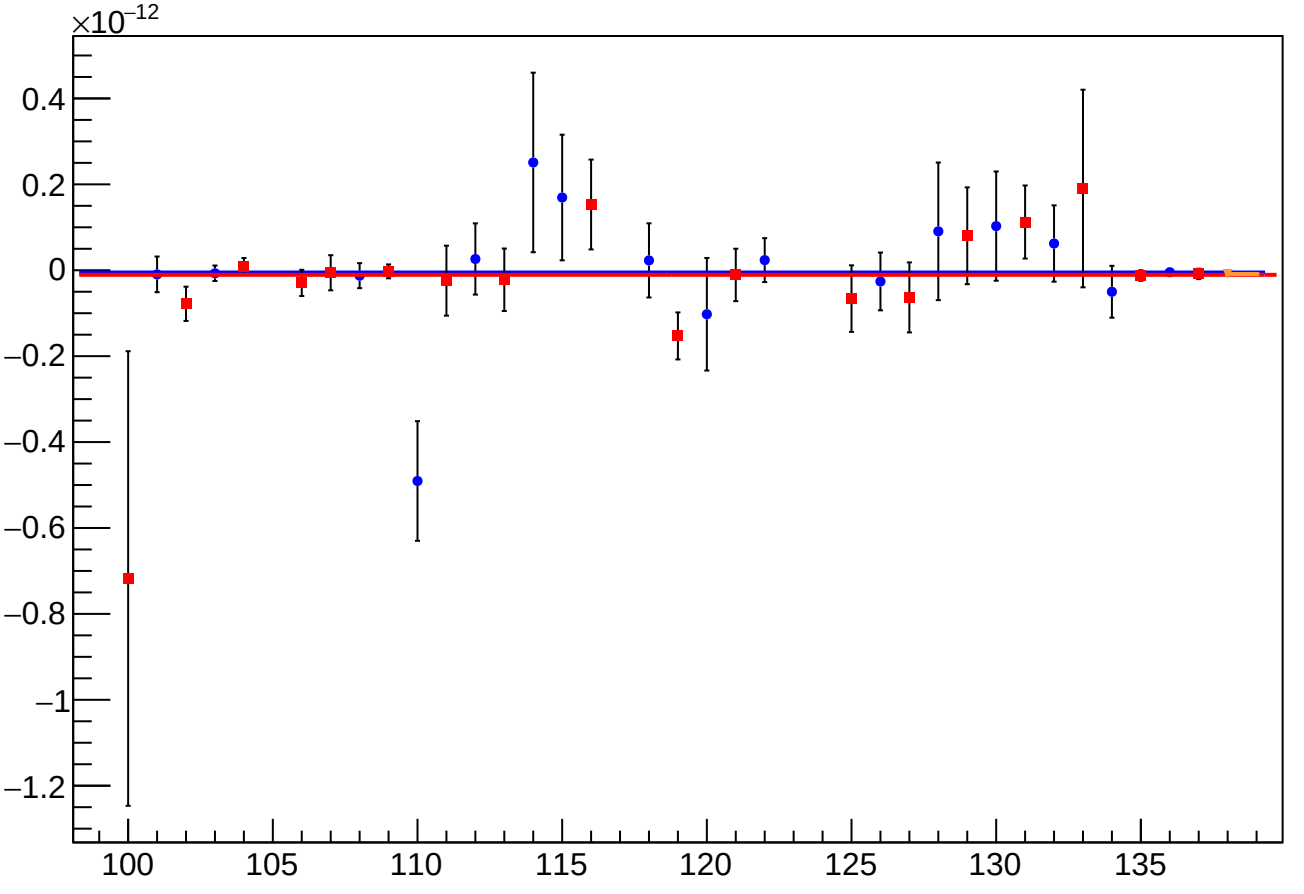
Right Out: 49.422+/-0.016 χ^2/NDF: 3017440.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.496+/-0.014 χ^2/NDF: 2654734.2/16

All: 48.910+/-0.011 χ^2/NDF: 5674092.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 18.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

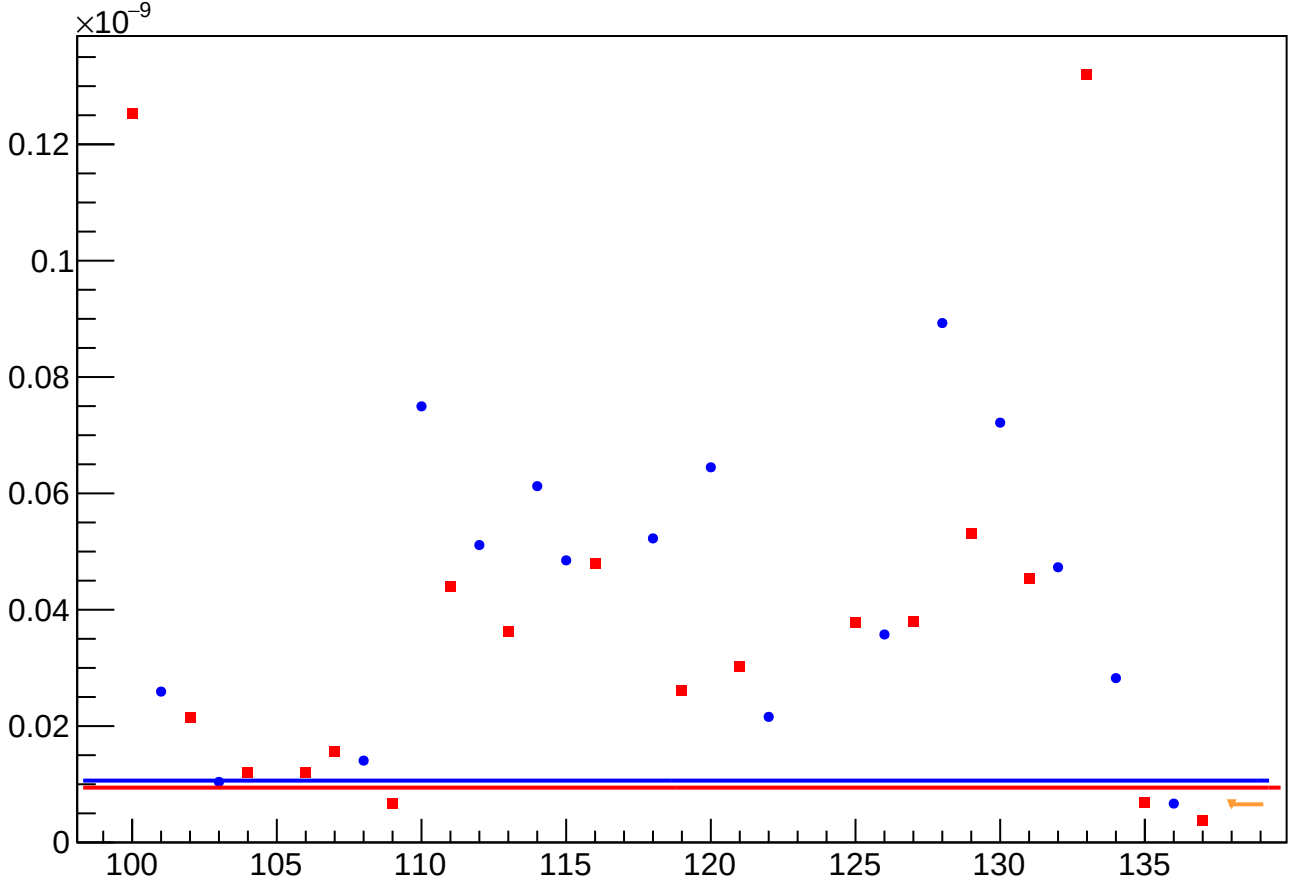
Right Out: -0.000+/-0.000 χ^2/NDF: 20.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.7/16

All: -0.000+/-0.000 χ^2/NDF: 39.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 4557309.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4029424.5/17

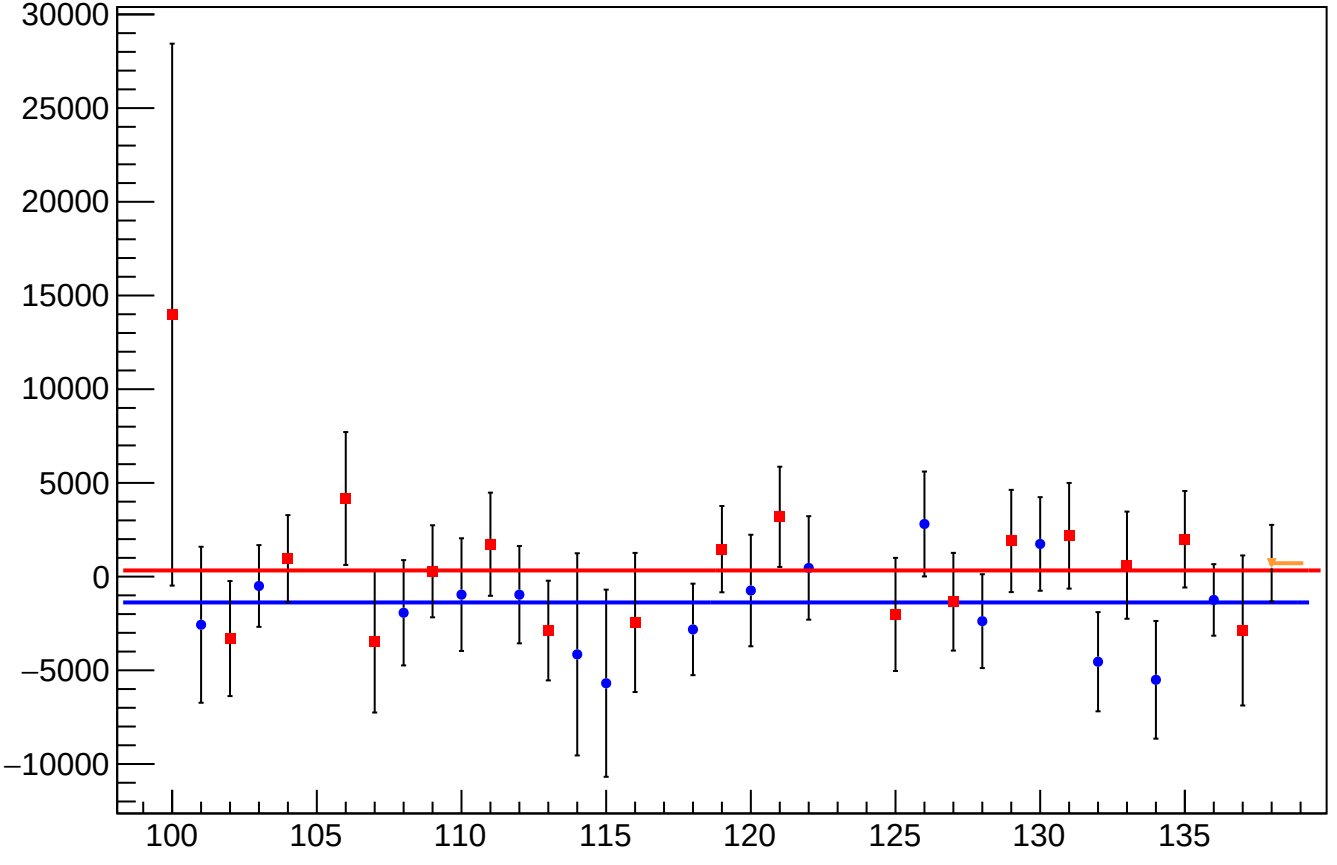
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4817537.6/16

All: 0.000+/-0.000 χ^2/NDF: 8849284.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1378.758+/-689.030 χ^2/NDF: 9.3/15

Left Out: 715.165+/-2045.677 χ^2/NDF:0.0/0

Right Out: 328.770+/-683.888 χ^2/NDF: 11.0/17

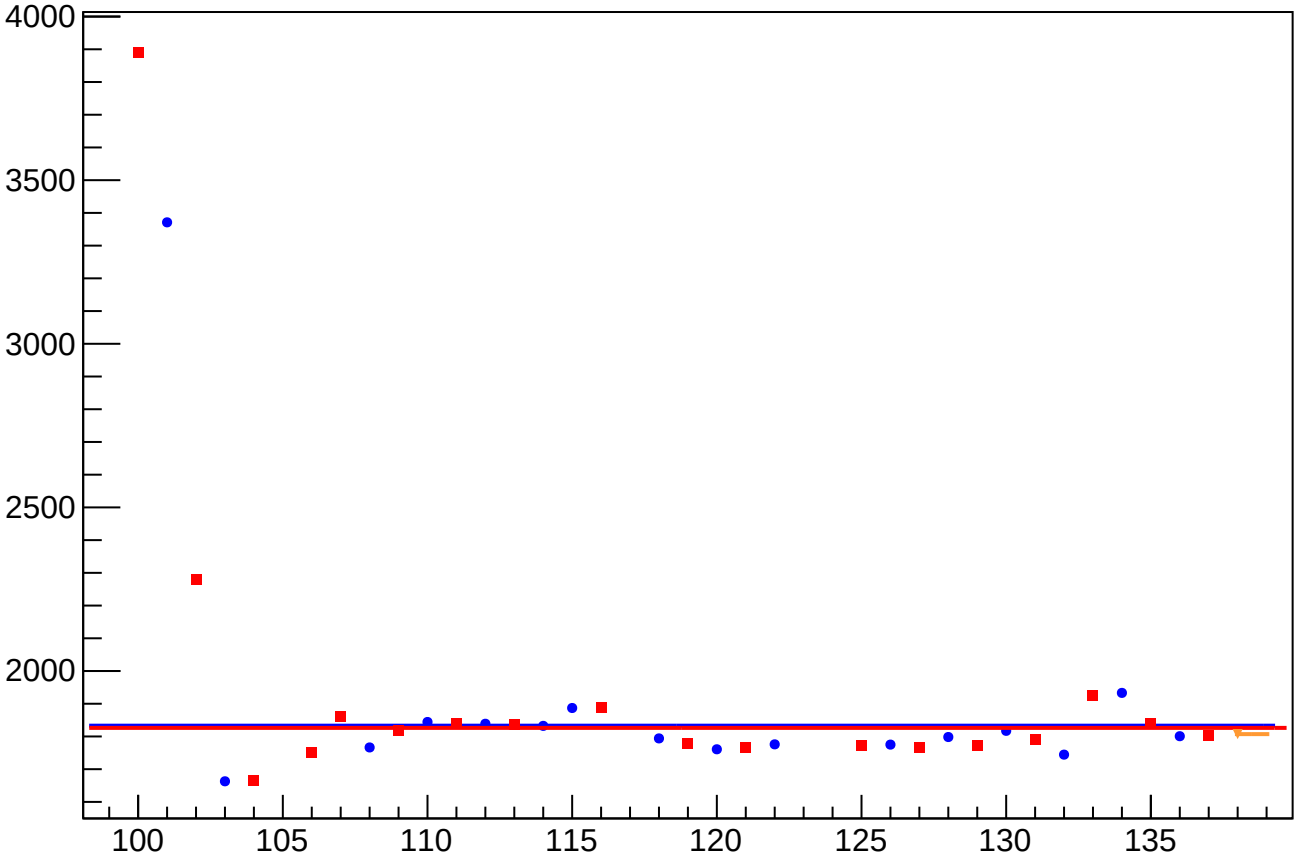
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1165.409+/-652.984 χ^2/NDF: 10.2/16

All: -452.841+/-472.277 χ^2/NDF: 23.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1832.947+/-0.487 χ^2/NDF: 295439.4/15

Left Out: 1807.148+/-1.447 χ^2/NDF:0.0/0

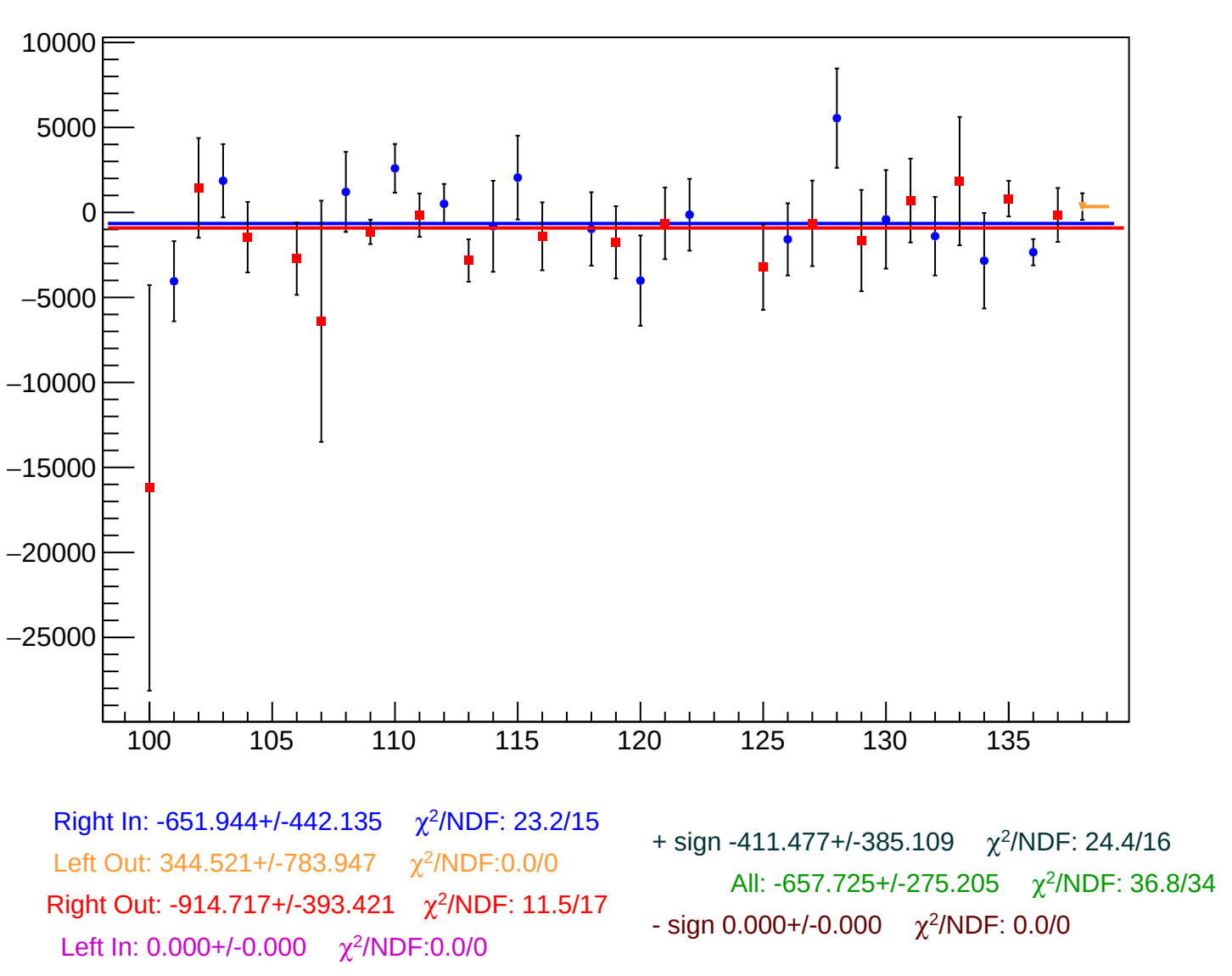
Right Out: 1826.208+/-0.484 χ^2/NDF: 103006.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

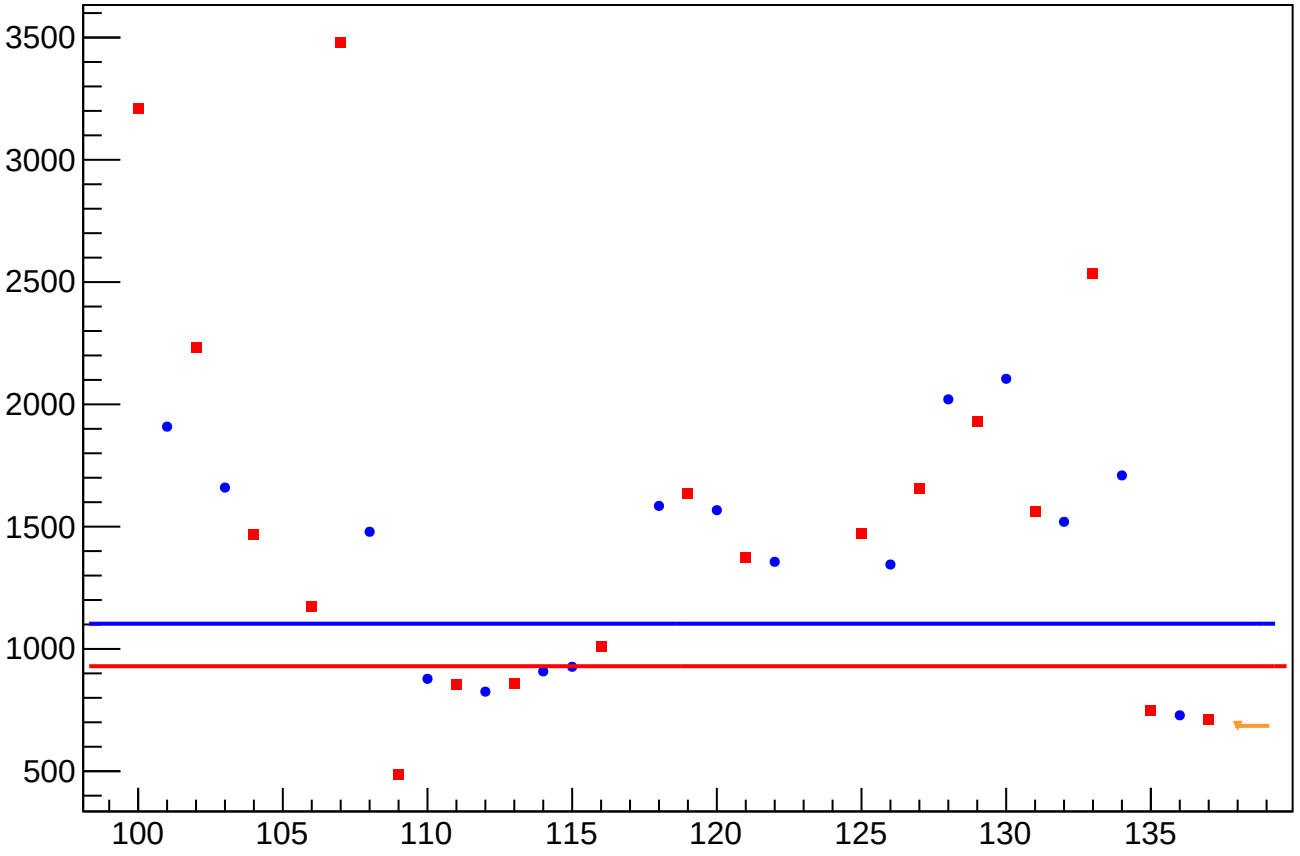
+ sign 1830.318+/-0.462 χ^2/NDF: 295725.0/16

All: 1828.358+/-0.334 χ^2/NDF: 398769.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug
10000
5000
0
−5000
−10000
−15000
−20000
−25000
100
105
110
115
120
125
130
135
Right In: -651.944+/-442.135 χ²/NDF: 23.2/15
Left Out: 344.521+/-783.947 χ²/NDF:0.0/0
Right Out: -914.717+/-393.421 χ²/NDF: 11.5/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -411.477+/-385.109 χ²/NDF: 24.4/16
All: -657.725+/-275.205 χ²/NDF: 36.8/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug



Right In: 1103.183+/-0.313 χ^2/NDF: 1878176.1/15

Left Out: 685.481+/-0.554 χ^2/NDF:0.0/0

Right Out: 929.356+/-0.278 χ^2/NDF: 3054092.4/17

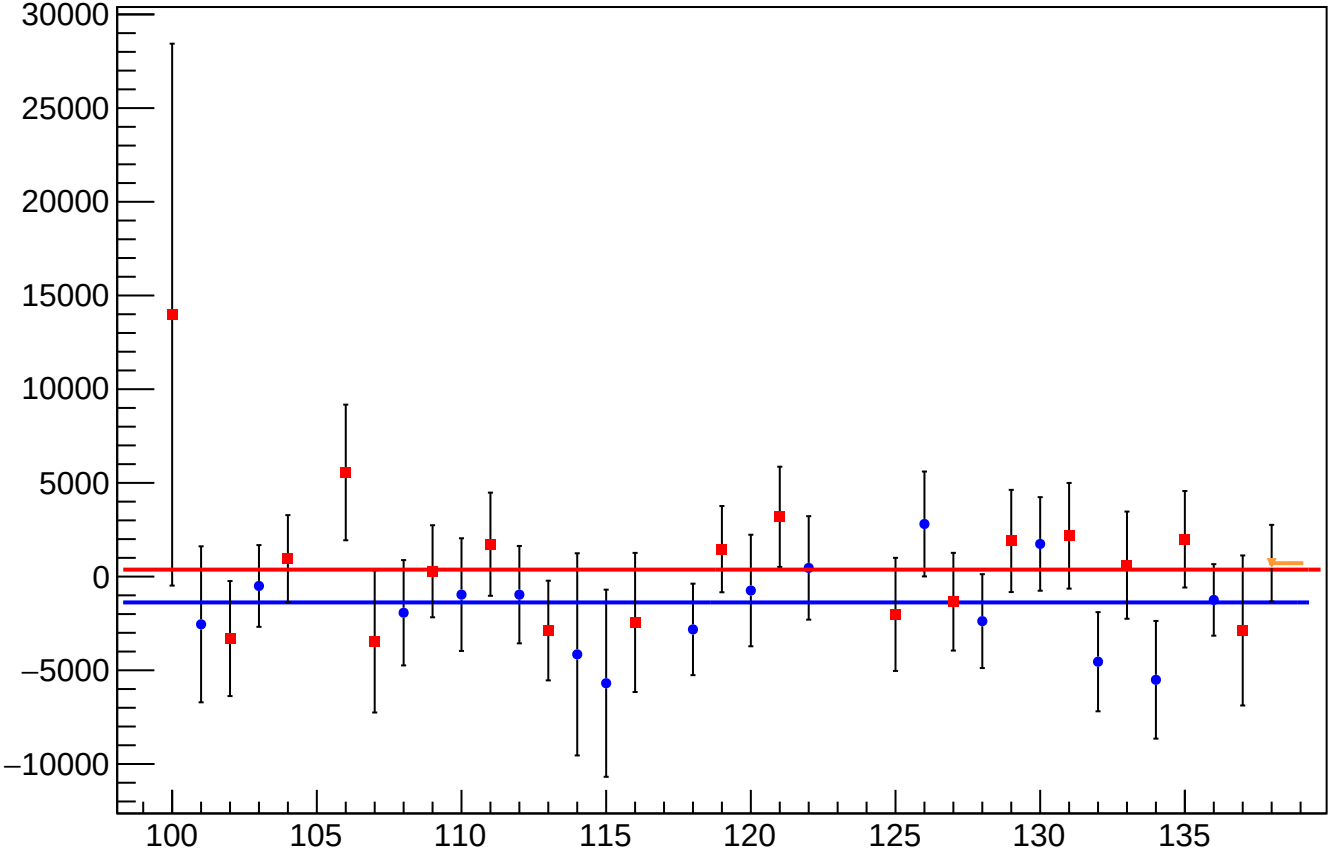
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1002.383+/-0.272 χ^2/NDF: 2308948.8/16

All: 966.649+/-0.195 χ^2/NDF: 5398231.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1378.133+/-689.030 χ^2/NDF: 9.3/15

Left Out: 715.204+/-2045.677 χ^2/NDF:0.0/0

Right Out: 372.534+/-684.408 χ^2/NDF: 12.0/17

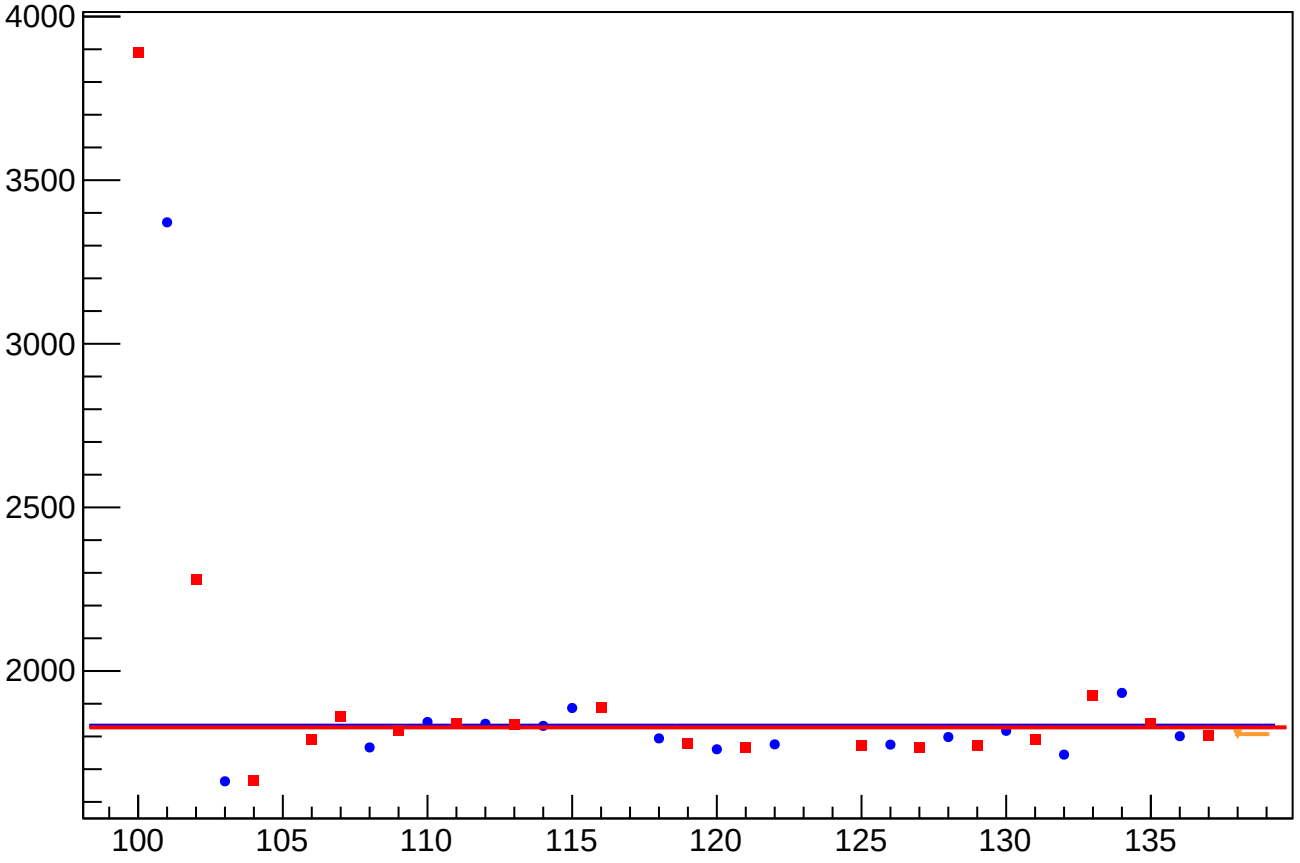
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1164.843+/-652.985 χ^2/NDF: 10.2/16

All: -432.258+/-472.448 χ^2/NDF: 24.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1832.947+/-0.487 χ^2/NDF: 295441.2/15

Left Out: 1807.148+/-1.447 χ^2/NDF:0.0/0

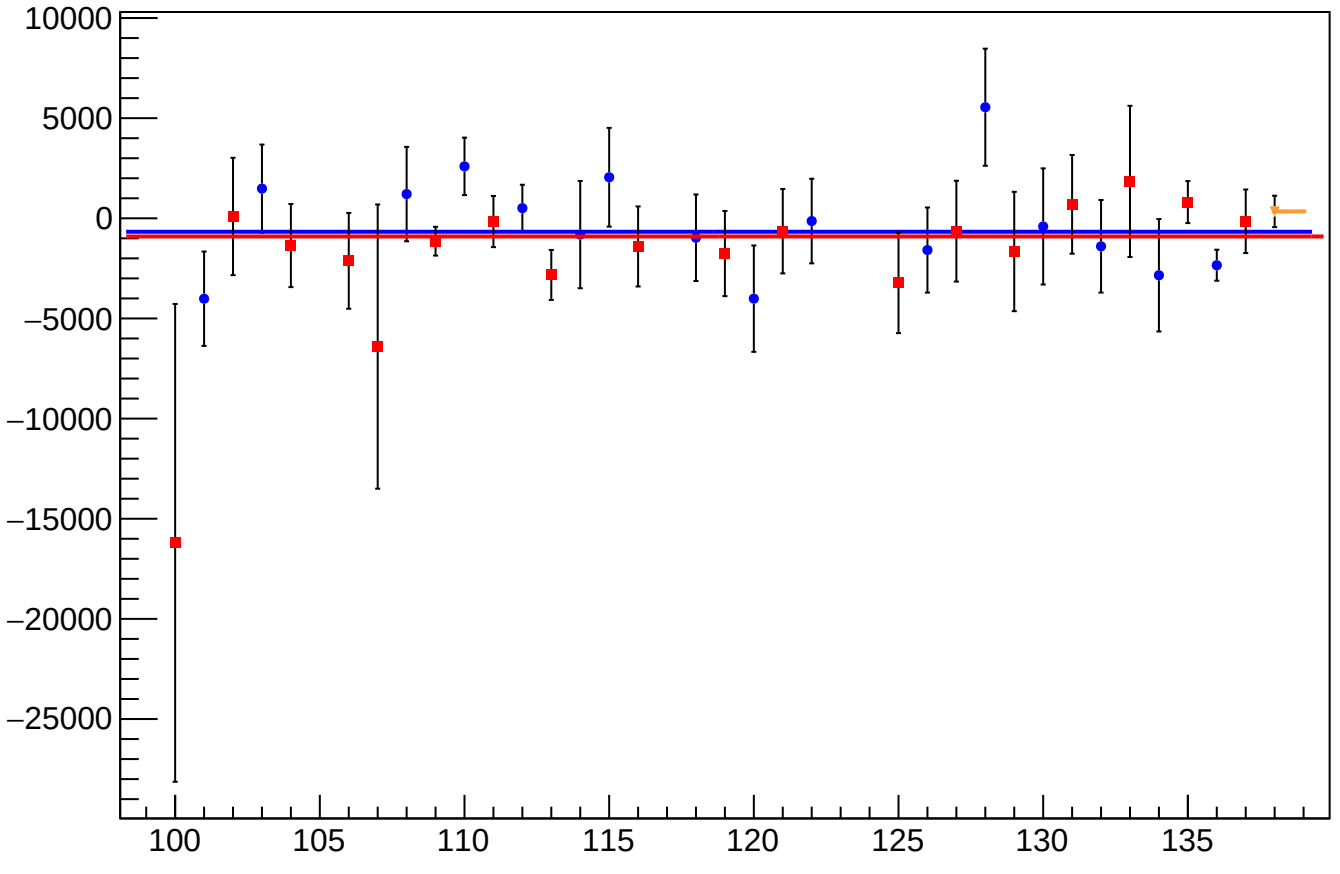
Right Out: 1827.785+/-0.484 χ^2/NDF: 102270.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1830.318+/-0.462 χ^2/NDF: 295726.9/16

All: 1829.111+/-0.334 χ^2/NDF: 398011.5/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -670.539+/-442.505 χ^2/NDF: 22.8/15

Left Out: 344.505+/-783.939 χ^2/NDF:0.0/0

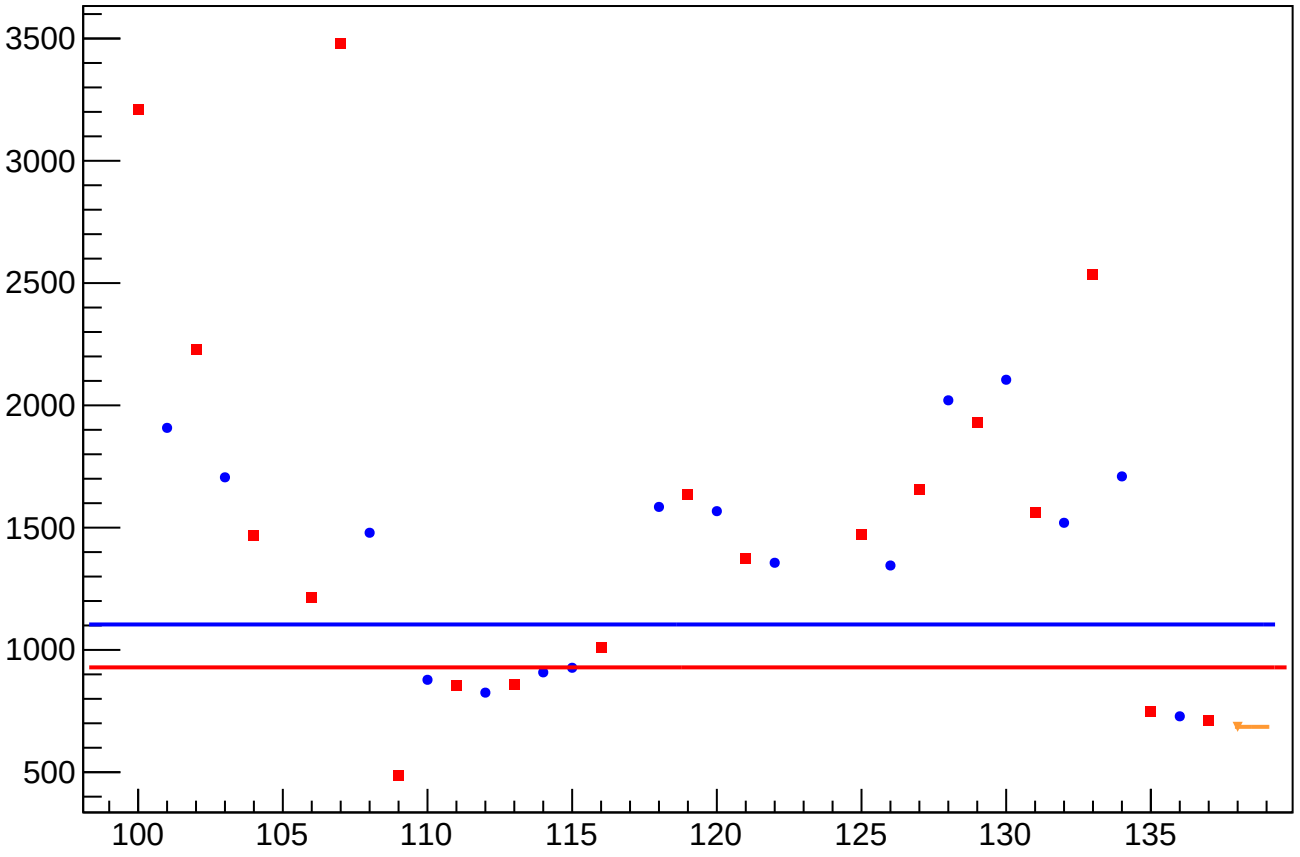
Right Out: -905.874+/-394.814 χ^2/NDF: 10.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -425.273+/-385.353 χ^2/NDF: 24.0/16

All: -659.746+/-275.770 χ^2/NDF: 35.3/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1104.103+/-0.313 χ^2/NDF: 1894482.2/15

Left Out: 685.476+/-0.554 χ^2/NDF:0.0/0

Right Out: 928.629+/-0.279 χ^2/NDF: 3054381.5/17

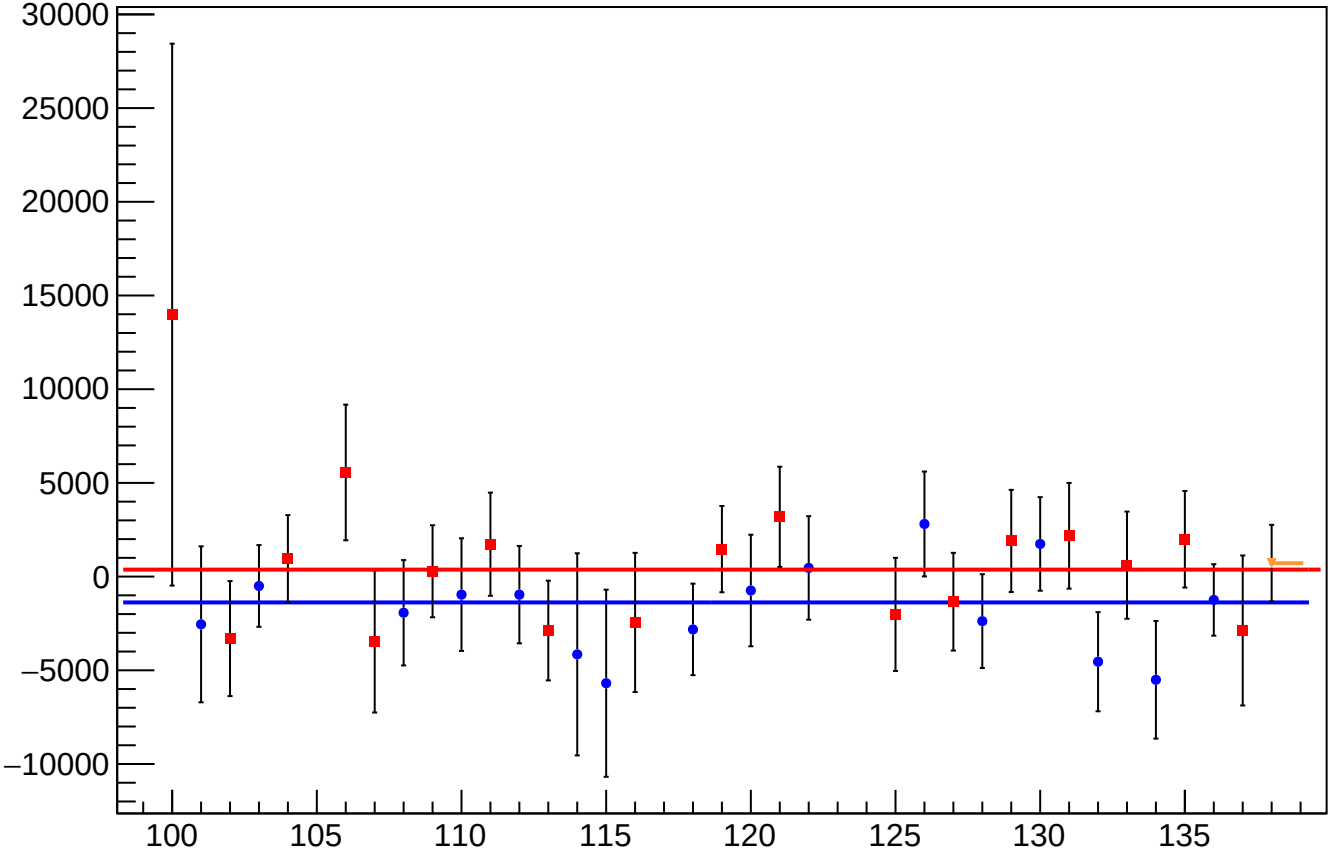
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1002.949+/-0.272 χ^2/NDF: 2326995.6/16

All: 966.690+/-0.195 χ^2/NDF: 5417671.6/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1378.133+/-689.030 χ^2/NDF: 9.3/15

Left Out: 715.204+/-2045.677 χ^2/NDF:0.0/0

Right Out: 372.534+/-684.408 χ^2/NDF: 12.0/17

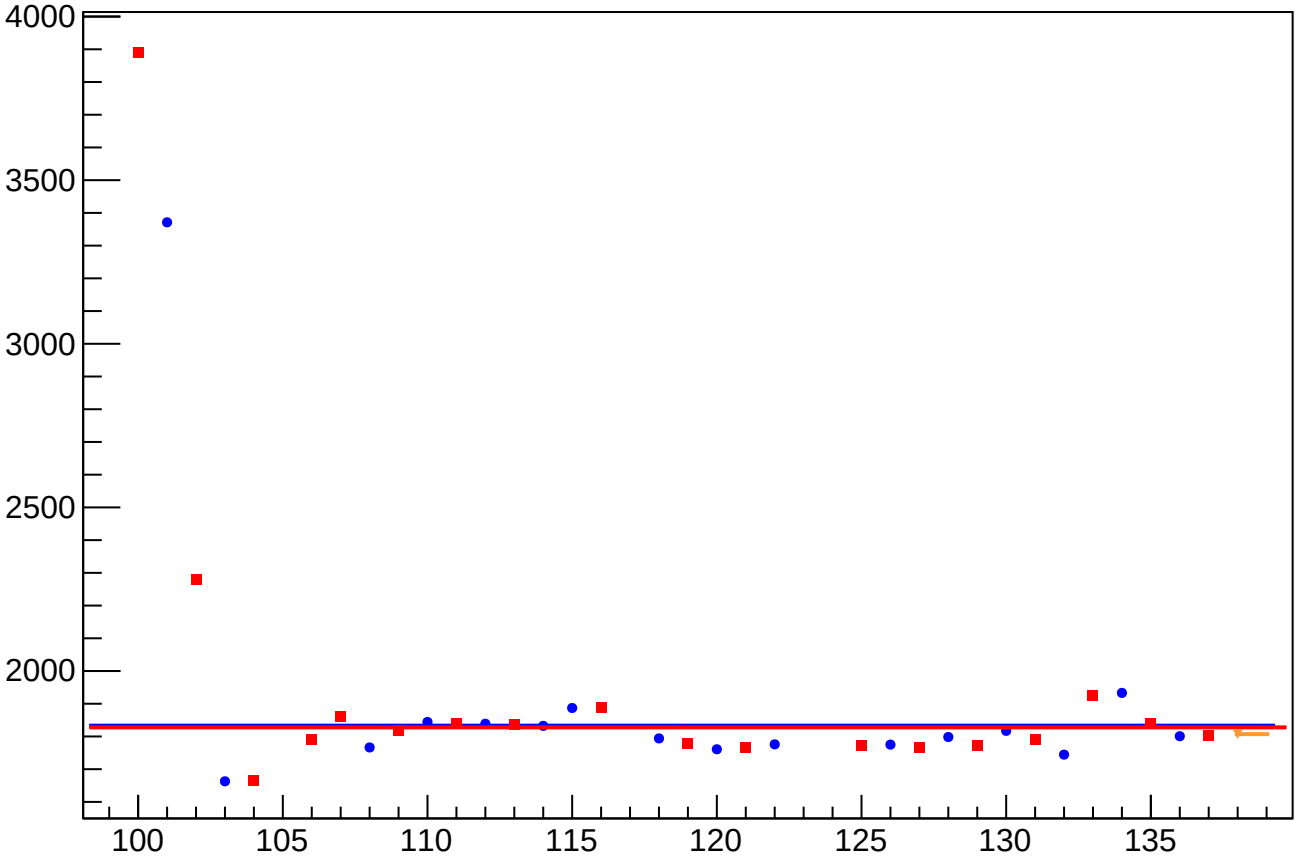
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1164.843+/-652.985 χ^2/NDF: 10.2/16

All: -432.258+/-472.448 χ^2/NDF: 24.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1832.947+/-0.487 χ^2/NDF: 295441.2/15

Left Out: 1807.148+/-1.447 χ^2/NDF:0.0/0

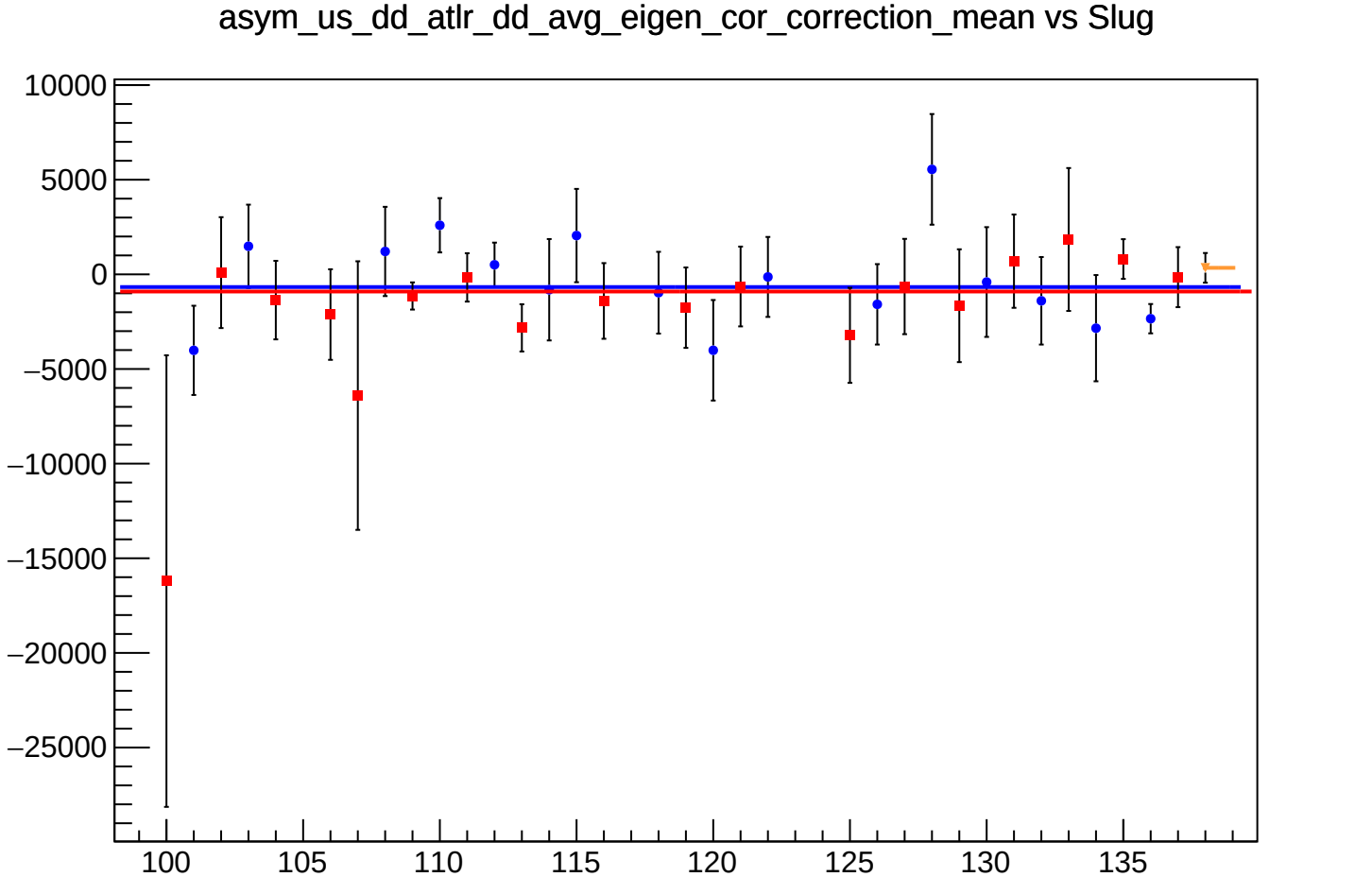
Right Out: 1827.785+/-0.484 χ^2/NDF: 102270.3/17

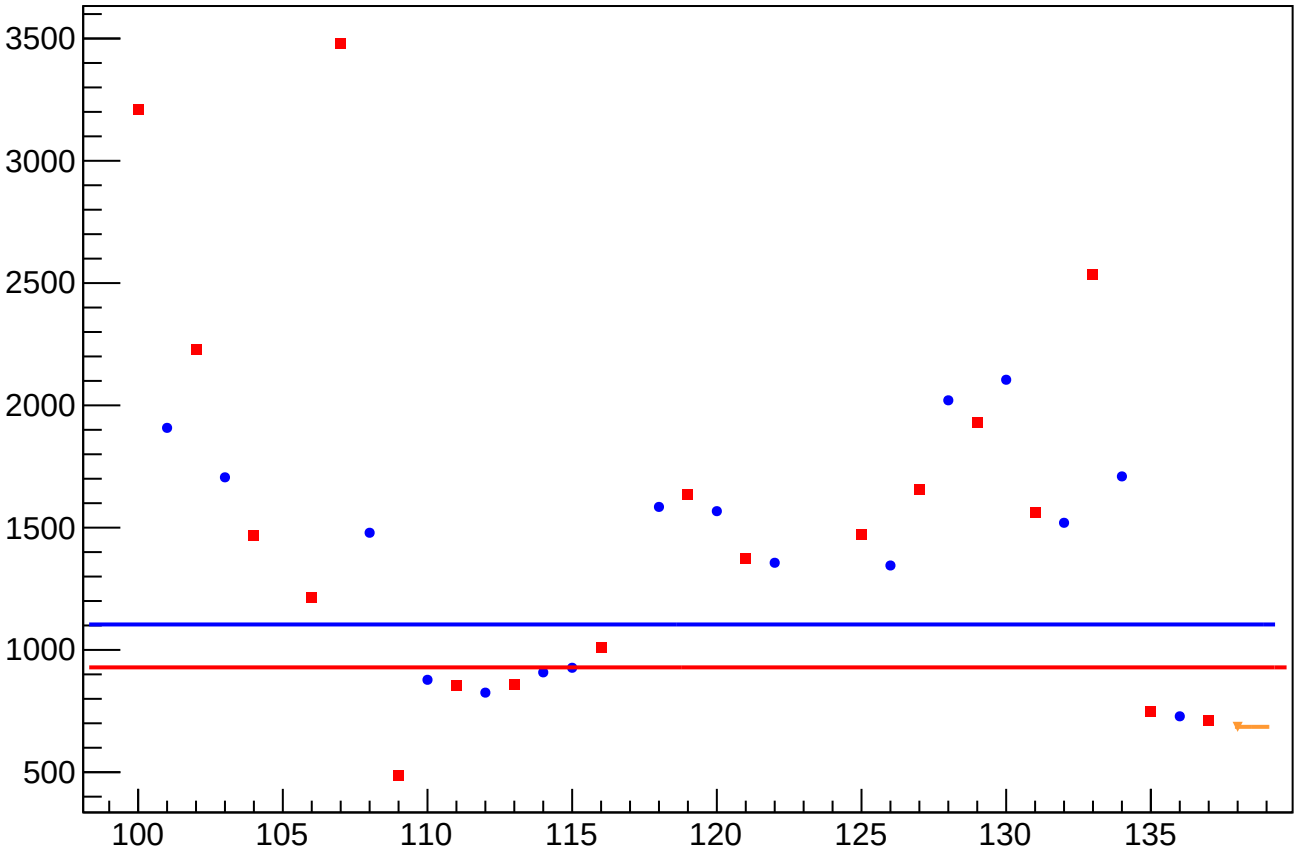
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1830.318+/-0.462 χ^2/NDF: 295726.9/16

All: 1829.111+/-0.334 χ^2/NDF: 398011.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug
10000
5000
0
−5000
−10000
−15000
−20000
−25000
100
105
110
115
120
125
130
135
Right In: -670.539+/-442.505 χ²/NDF: 22.8/15
Left Out: 344.505+/-783.939 χ²/NDF:0.0/0
Right Out: -905.874+/-394.814 χ²/NDF: 10.5/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -425.273+/-385.353 χ²/NDF: 24.0/16
All: -659.746+/-275.770 χ²/NDF: 35.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 1104.103+/-0.313 χ^2/NDF: 1894482.2/15

Left Out: 685.476+/-0.554 χ^2/NDF:0.0/0

Right Out: 928.629+/-0.279 χ^2/NDF: 3054381.5/17

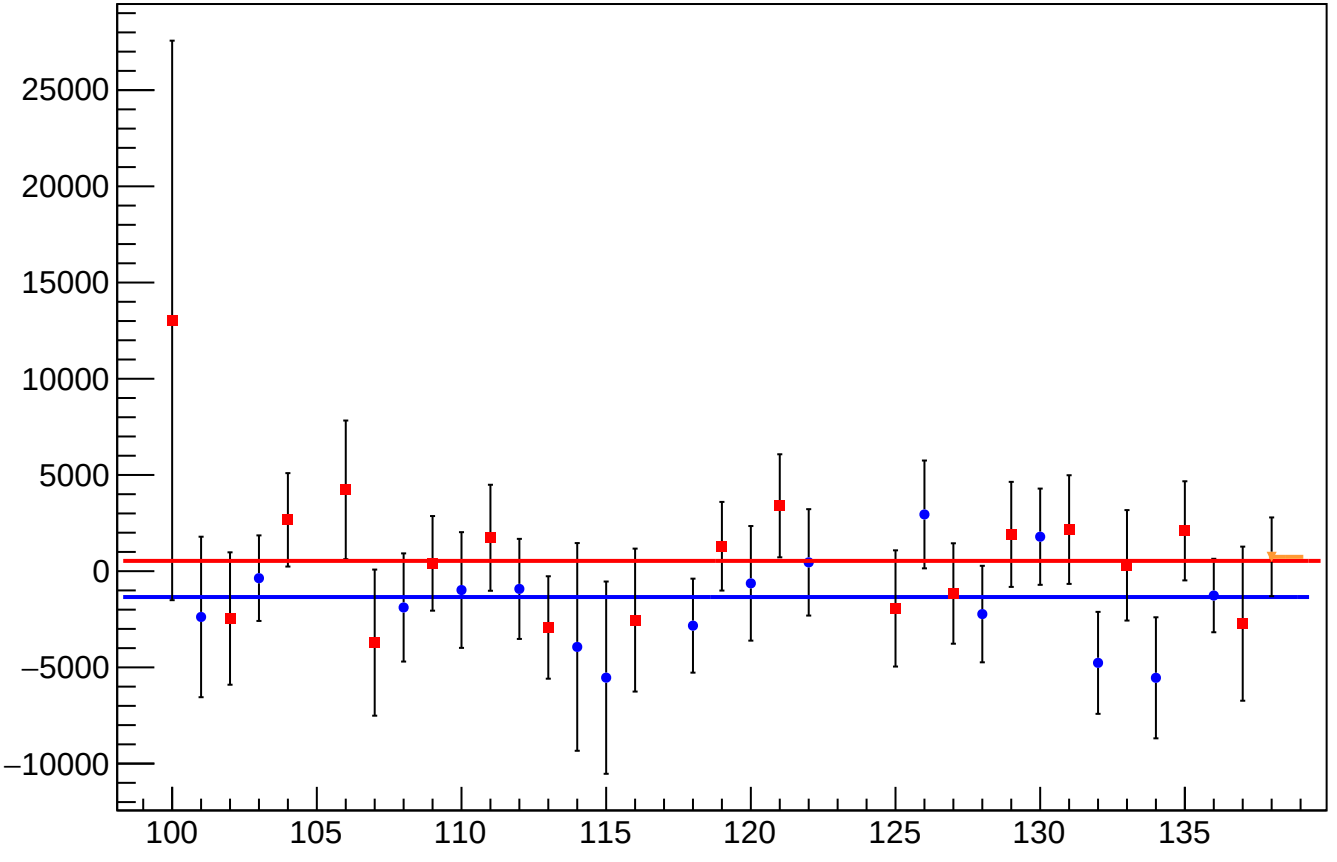
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1002.949+/-0.272 χ^2/NDF: 2326995.6/16

All: 966.690+/-0.195 χ^2/NDF: 5417671.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1343.952+/-690.940 χ^2/NDF: 9.6/15

Left Out: 745.304+/-2047.527 χ^2/NDF:0.0/0

Right Out: 534.194+/-690.970 χ^2/NDF: 11.1/17

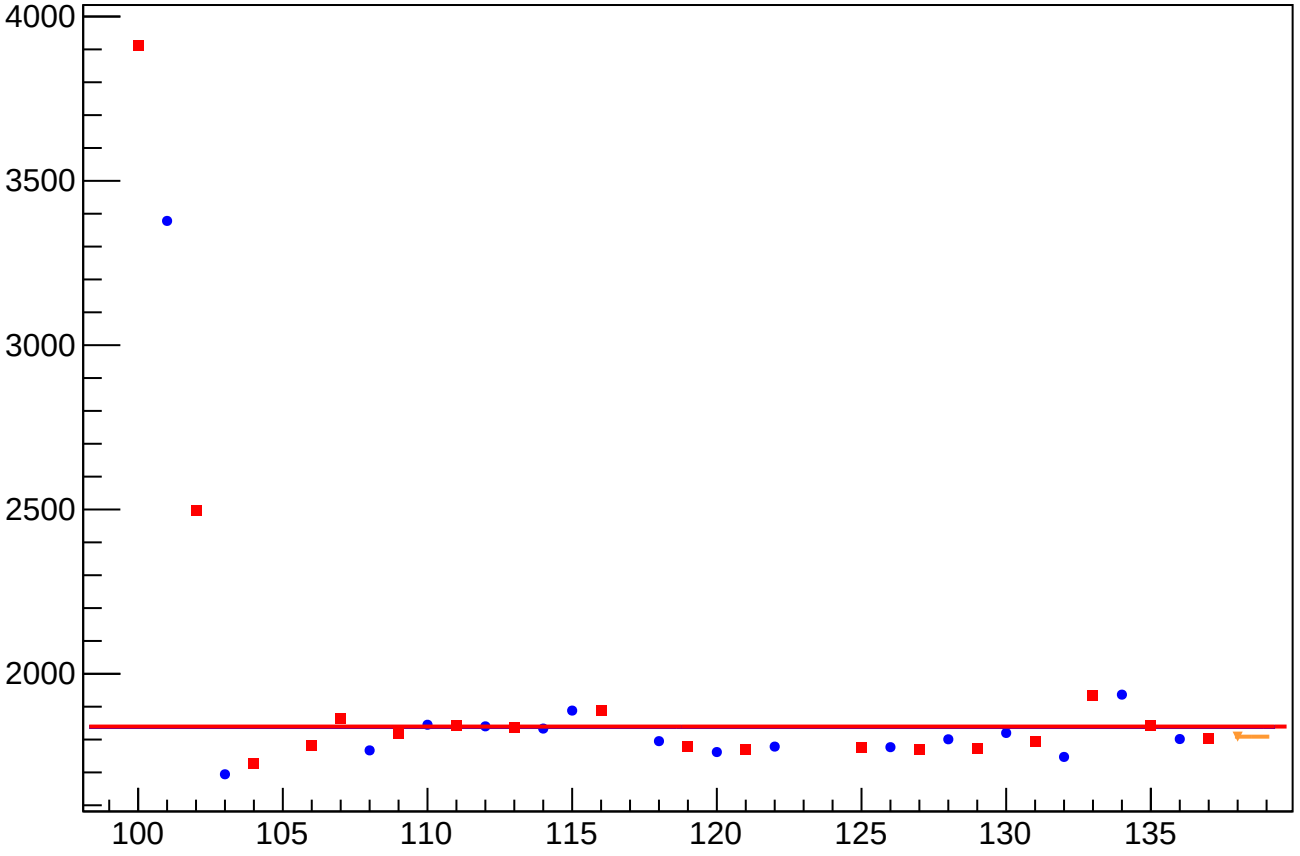
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1130.364+/-654.670 χ^2/NDF: 10.5/16

All: -342.955+/-475.237 χ^2/NDF: 24.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1838.159+/-0.489 χ^2/NDF: 291984.0/15

Left Out: 1808.781+/-1.448 χ^2/NDF:0.0/0

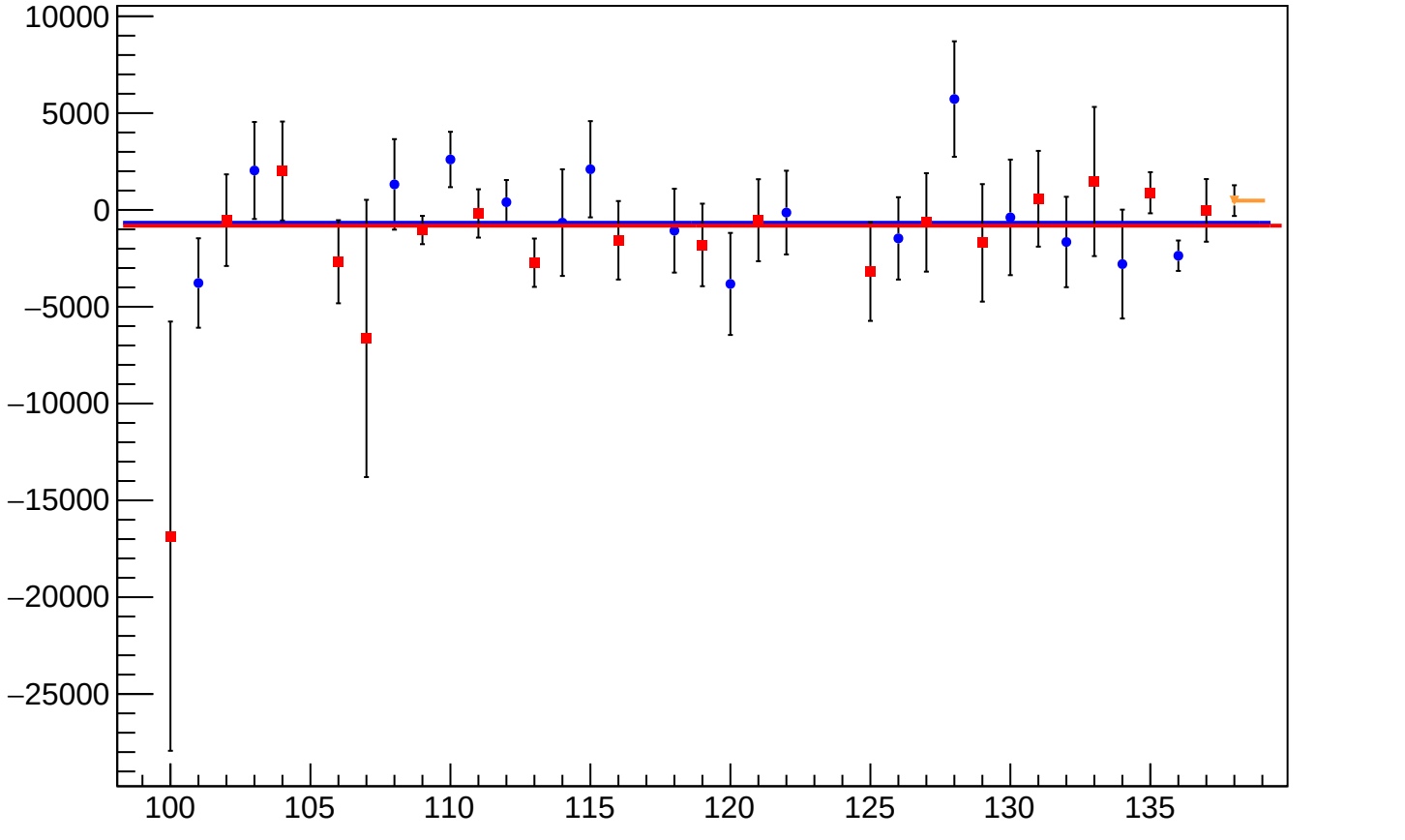
Right Out: 1839.517+/-0.489 χ^2/NDF: 128253.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

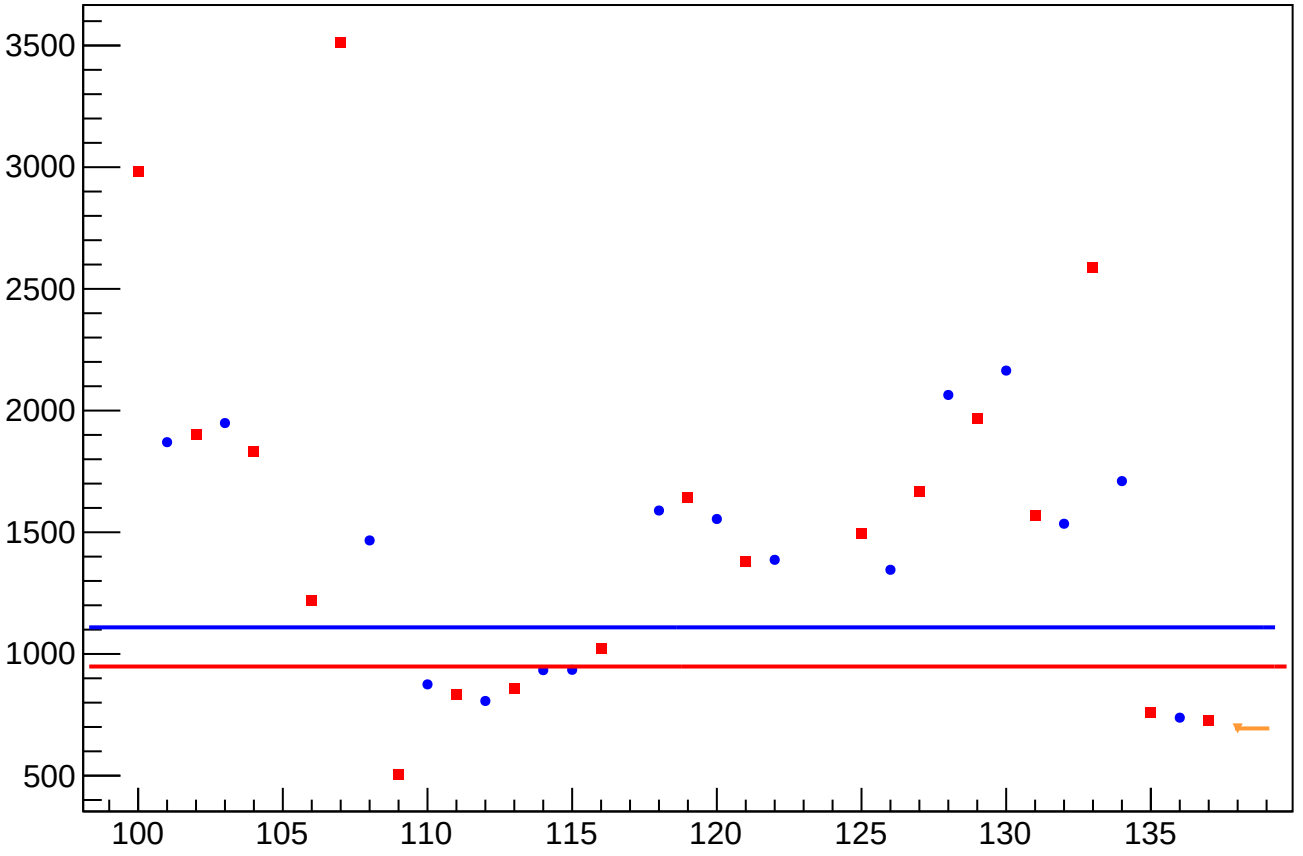
\+ sign 1835.156+/-0.463 χ^2/NDF: 292353.7/16

All: 1837.219+/-0.336 χ^2/NDF: 420649.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug
10000
5000
0
−5000
−10000
−15000
−20000
−25000
100
105
110
115
120
125
130
135
Right In: -663.489+/-445.903 χ²/NDF: 22.8/15
Left Out: 481.636+/-793.327 χ²/NDF:0.0/0
Right Out: -812.187+/-397.187 χ²/NDF: 12.2/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -388.573+/-388.710 χ²/NDF: 24.3/16
All: -595.812+/-277.808 χ²/NDF: 37.2/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1109.362+/-0.315 χ^2/NDF: 1973363.9/15

Left Out: 694.037+/-0.561 χ^2/NDF:0.0/0

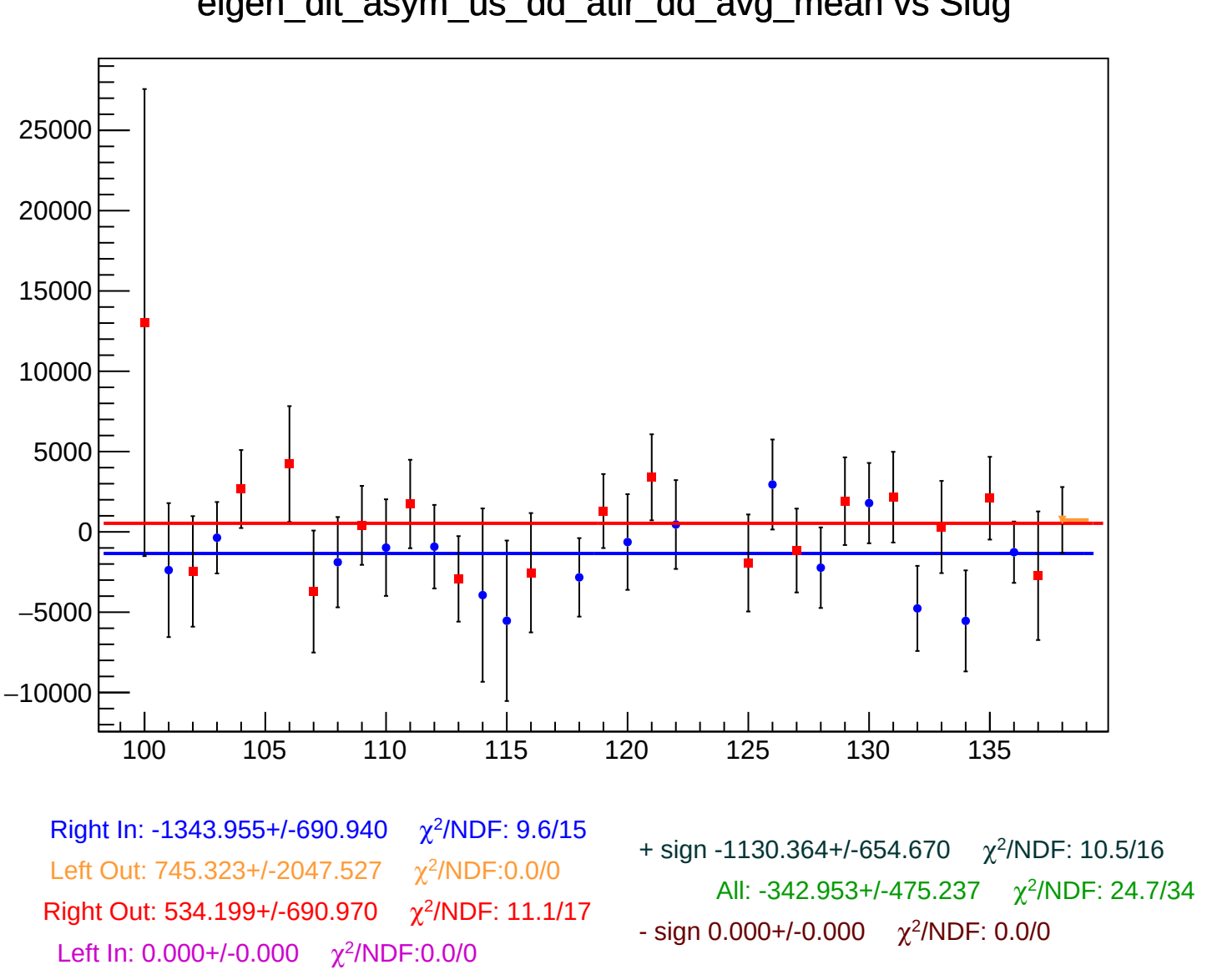
Right Out: 948.438+/-0.281 χ^2/NDF: 3053670.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

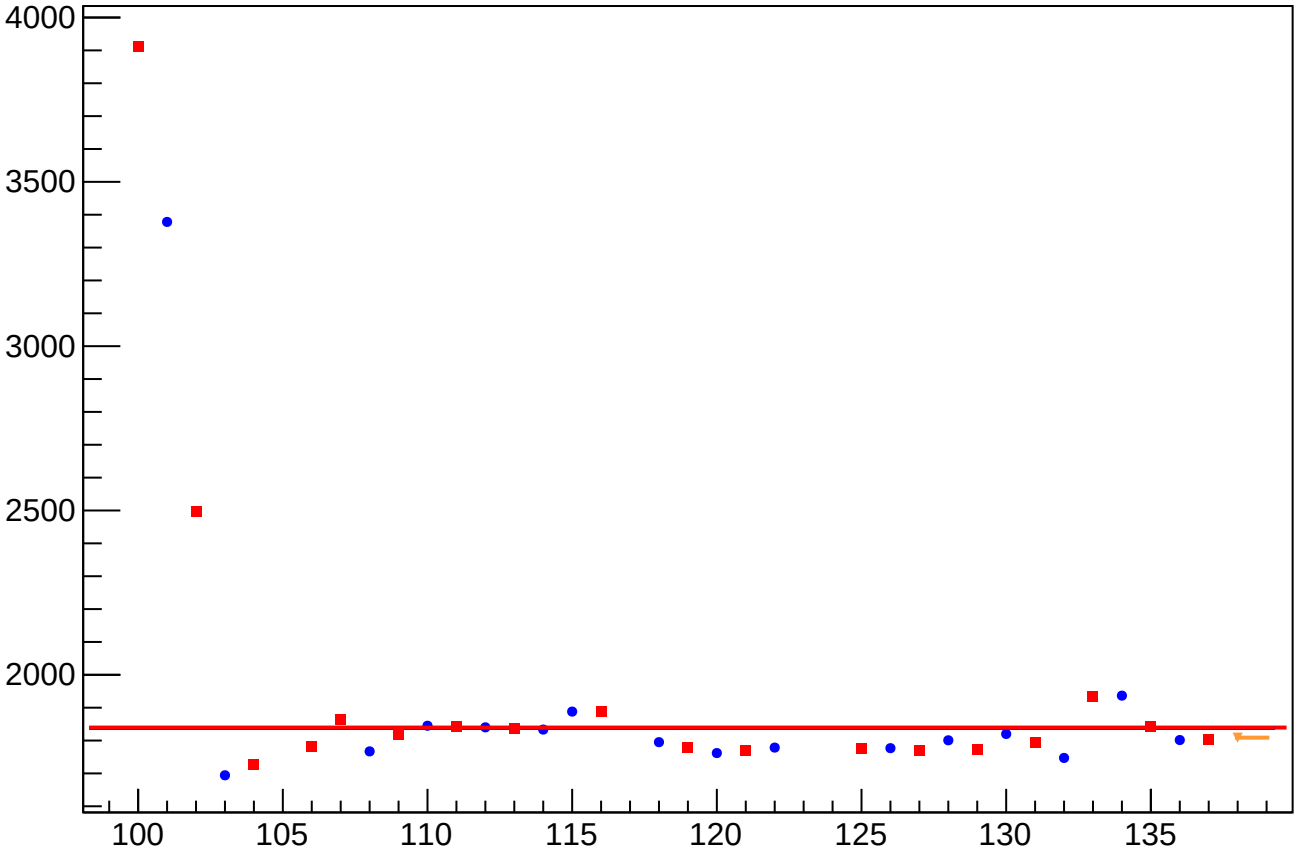
+ sign 1009.652+/-0.275 χ^2/NDF: 2389918.7/16

All: 979.706+/-0.196 χ^2/NDF: 5467854.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug
25000
20000
15000
10000
5000
0
−5000
−10000
100
105
110
115
120
125
130
135
Right In: -1343.955+/-690.940 χ²/NDF: 9.6/15
Left Out: 745.323+/-2047.527 χ²/NDF:0.0/0
Right Out: 534.199+/-690.970 χ²/NDF: 11.1/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -1130.364+/-654.670 χ²/NDF: 10.5/16
All: -342.953+/-475.237 χ²/NDF: 24.7/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1838.159+/-0.489 χ^2/NDF: 291984.0/15

Left Out: 1808.781+/-1.448 χ^2/NDF:0.0/0

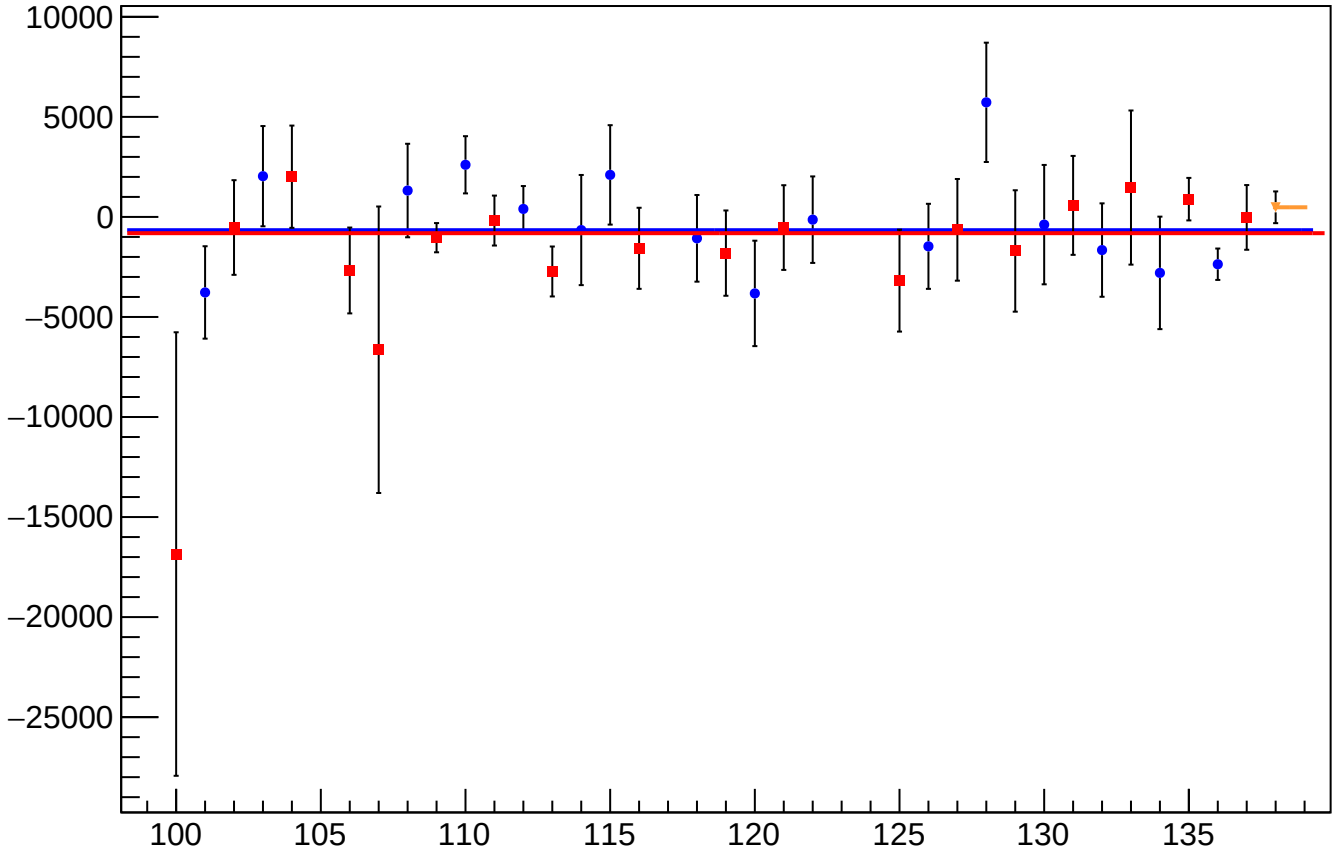
Right Out: 1839.517+/-0.489 χ^2/NDF: 128253.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1835.156+/-0.463 χ^2/NDF: 292353.6/16

All: 1837.219+/-0.336 χ^2/NDF: 420649.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -663.476+/-445.904 χ^2/NDF: 22.8/15

Left Out: 481.651+/-793.347 χ^2/NDF:0.0/0

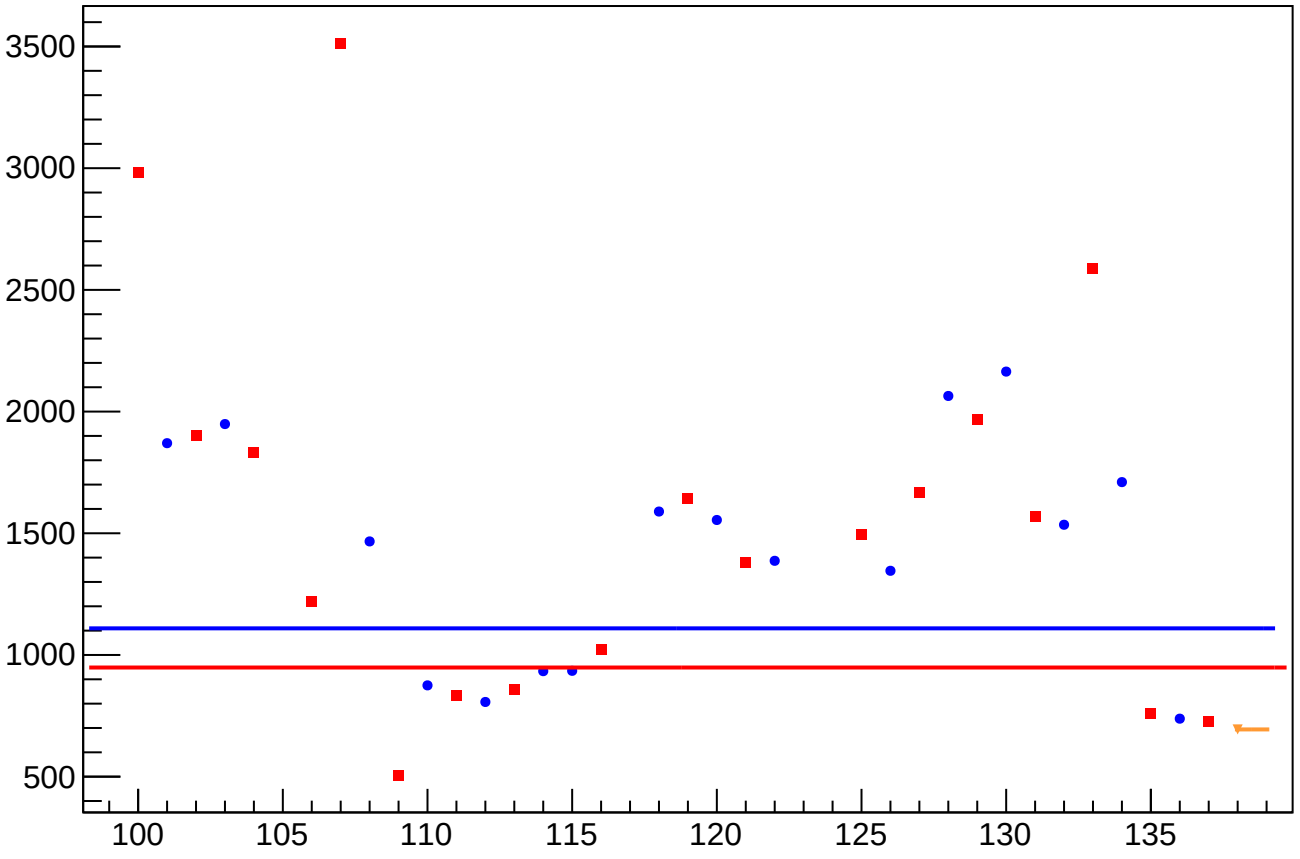
Right Out: -812.194+/-397.187 χ^2/NDF: 12.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -388.569+/-388.713 χ^2/NDF: 24.3/16

All: -595.814+/-277.809 χ^2/NDF: 37.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1109.365+/-0.315 χ^2/NDF: 1973324.5/15

Left Out: 694.054+/-0.561 χ^2/NDF:0.0/0

Right Out: 948.441+/-0.281 χ^2/NDF: 3053644.5/17

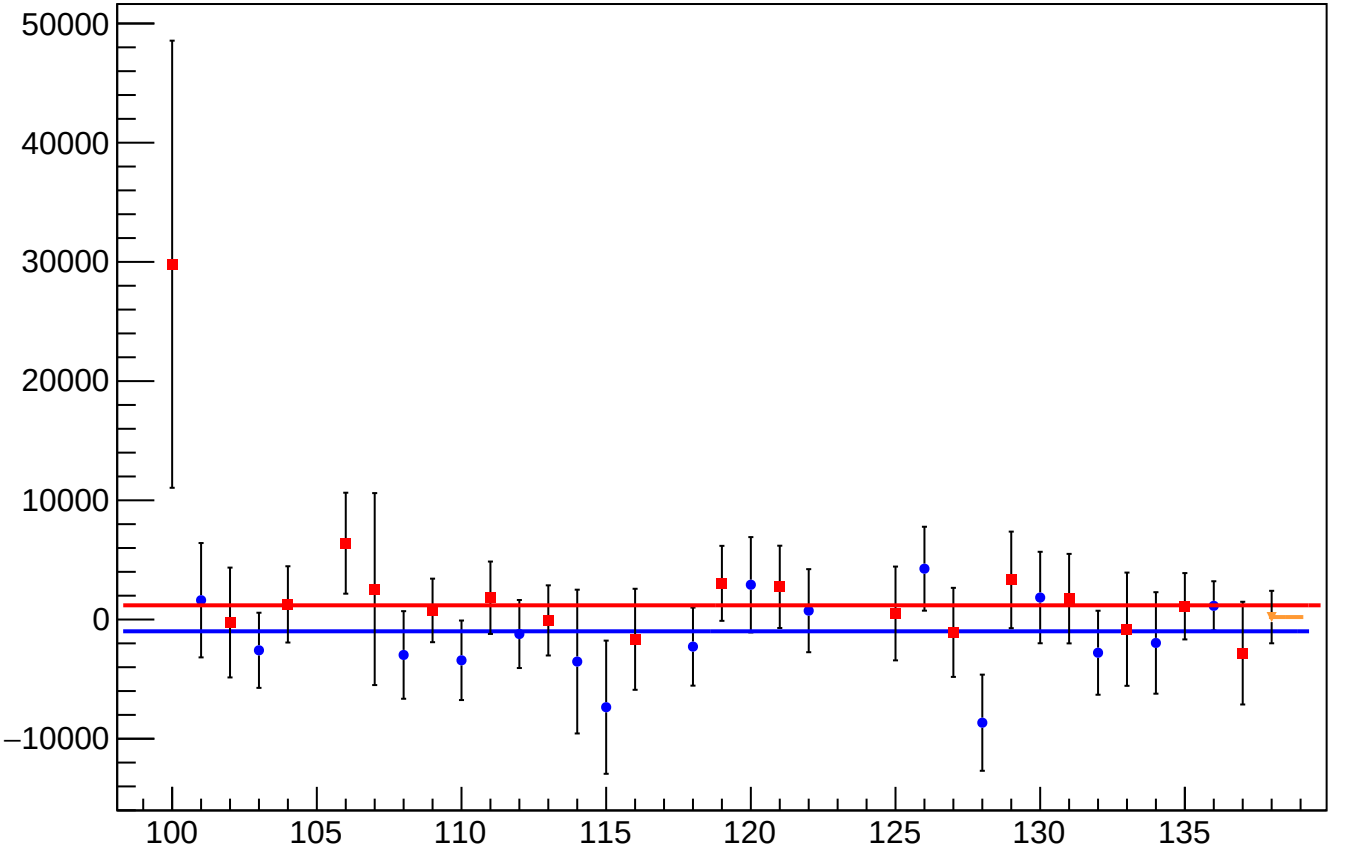
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1009.662+/-0.275 χ^2/NDF: 2389834.8/16

All: 979.712+/-0.196 χ^2/NDF: 5467750.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -987.532+/-873.840 χ^2/NDF: 12.0/15

Left Out: 206.957+/-2200.746 χ^2/NDF:0.0/0

Right Out: 1192.173+/-870.432 χ^2/NDF: 7.0/17

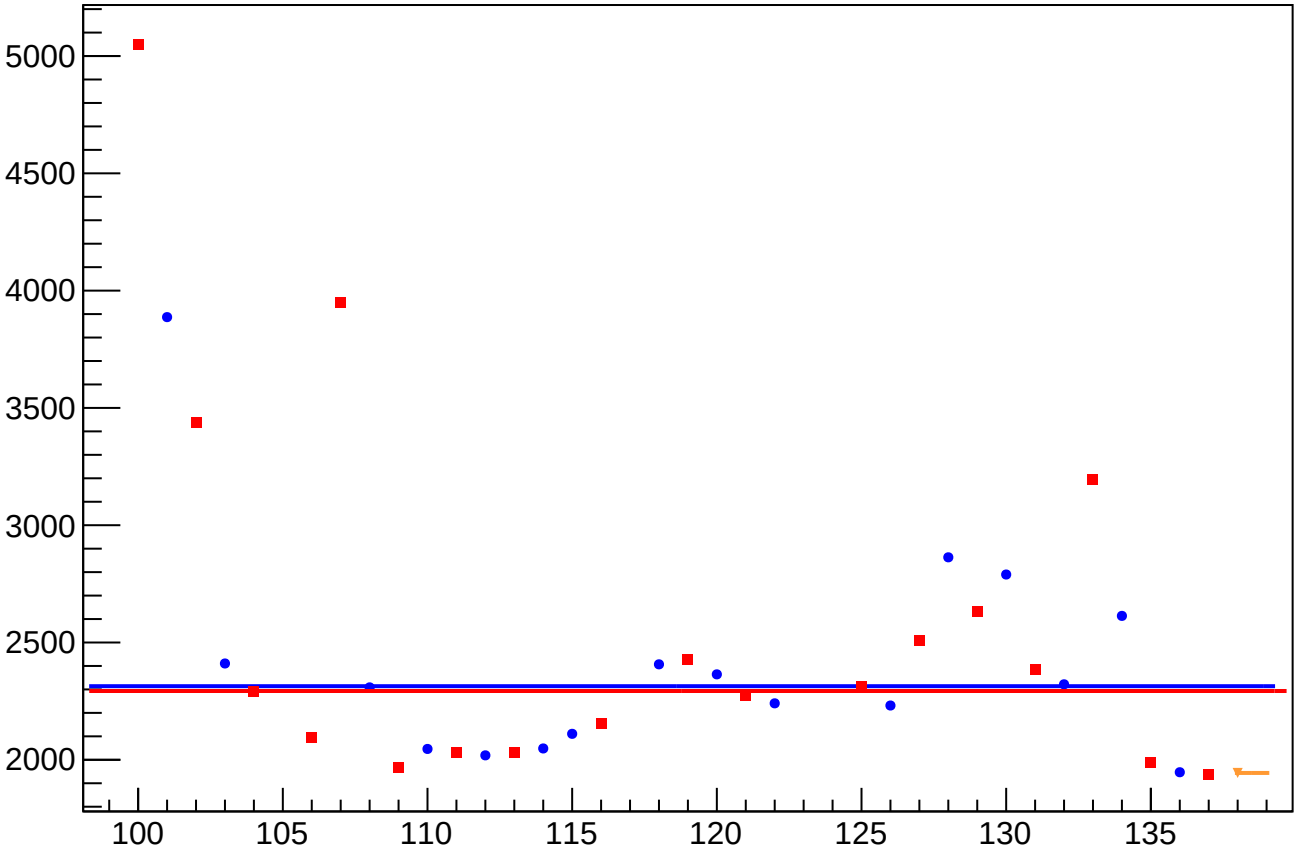
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -824.856+/-812.159 χ^2/NDF: 12.2/16

All: 113.886+/-593.816 χ^2/NDF: 22.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2313.740+/-0.618 χ^2/NDF: 402756.6/15

Left Out: 1943.952+/-1.556 χ^2/NDF:0.0/0

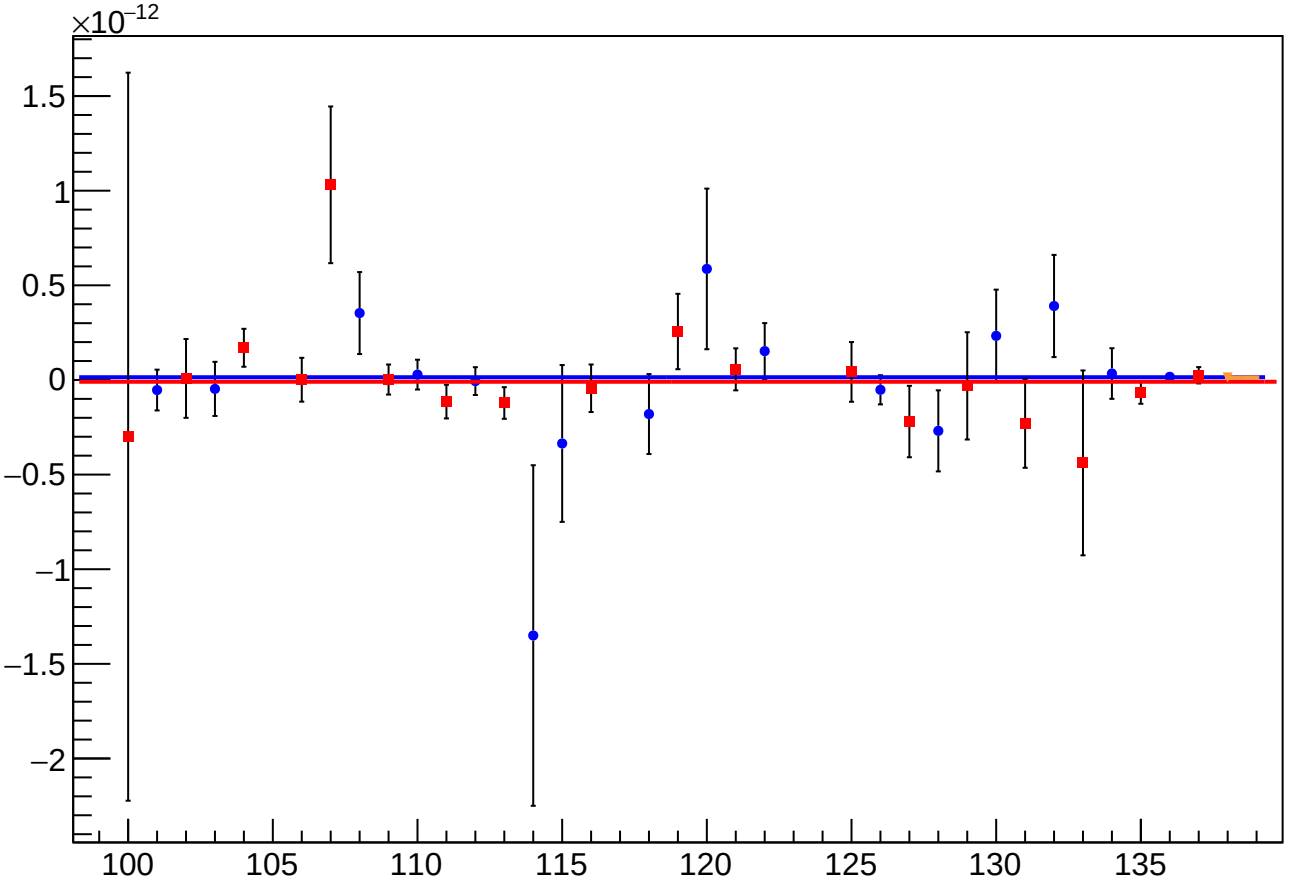
Right Out: 2293.273+/-0.615 χ^2/NDF: 453202.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2263.380+/-0.574 χ^2/NDF: 451533.7/16

All: 2277.292+/-0.420 χ^2/NDF: 905997.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

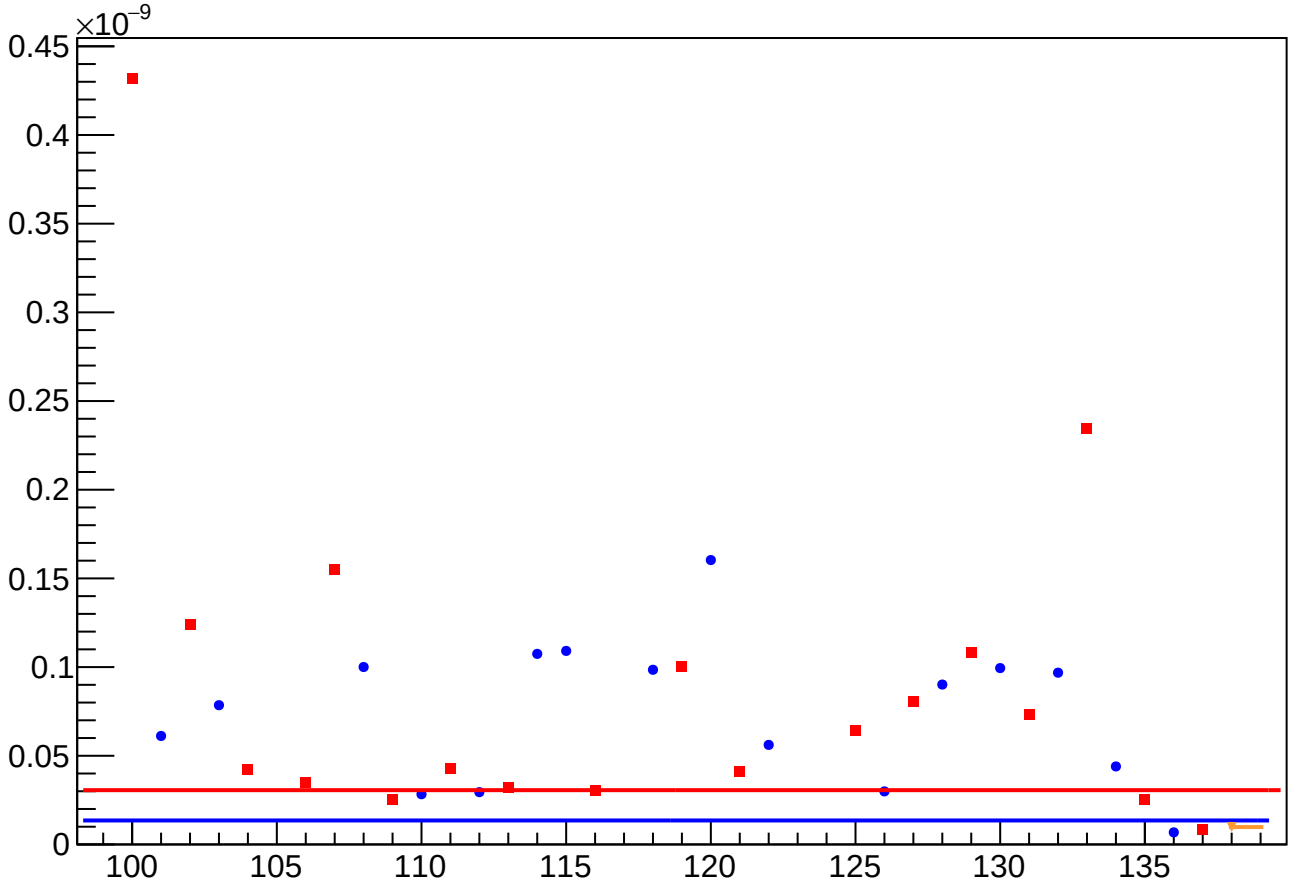
Right Out: -0.000+/-0.000 χ^2/NDF: 19.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.0/16

All: 0.000+/-0.000 χ^2/NDF: 35.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3416094.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

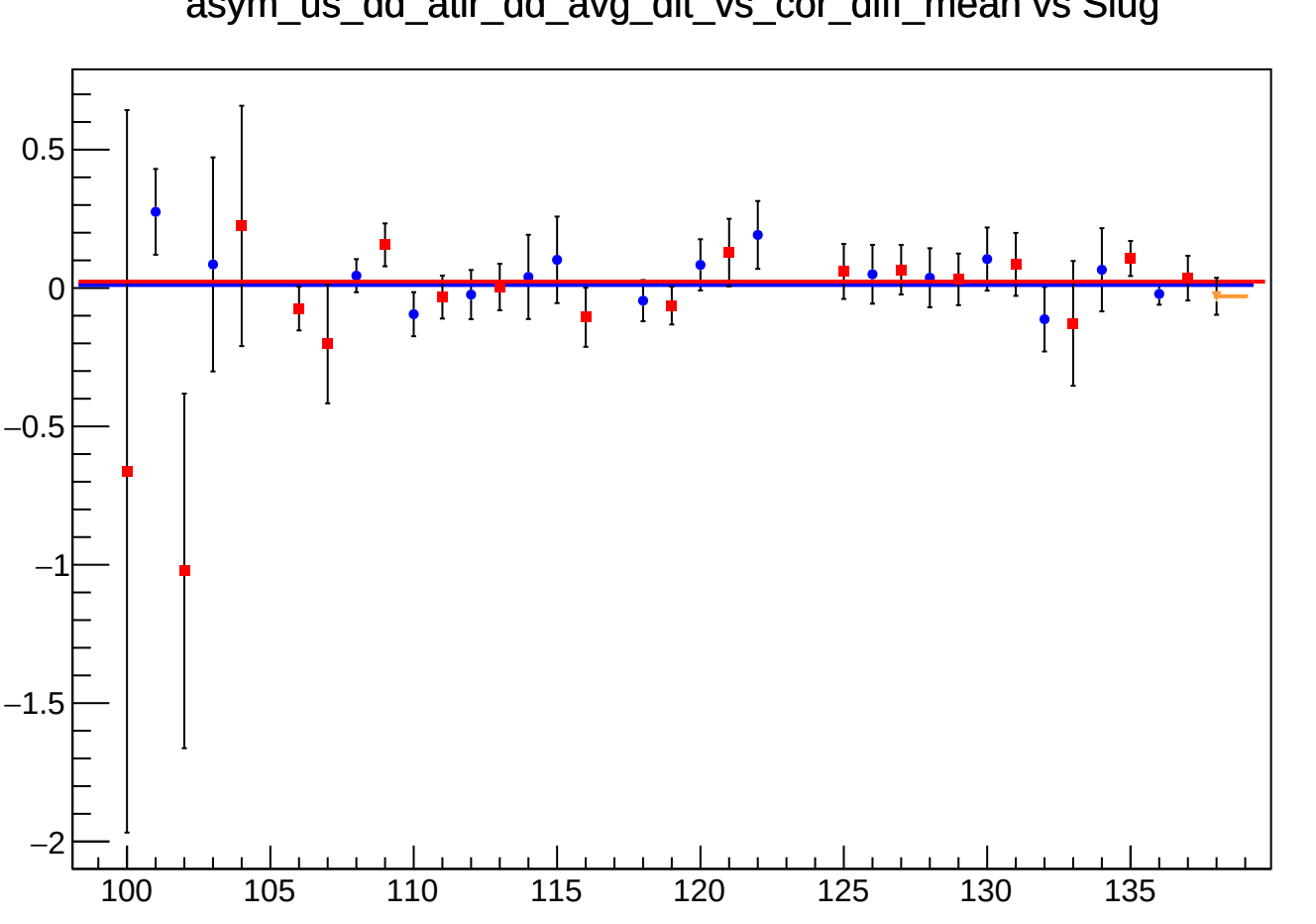
Right Out: 0.000+/-0.000 χ^2/NDF: 2349183.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3467282.7/16

All: 0.000+/-0.000 χ^2/NDF: 6779612.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.011+/-0.022 χ^2/NDF: 11.7/15

Left Out: -0.030+/-0.067 χ^2/NDF:0.0/0

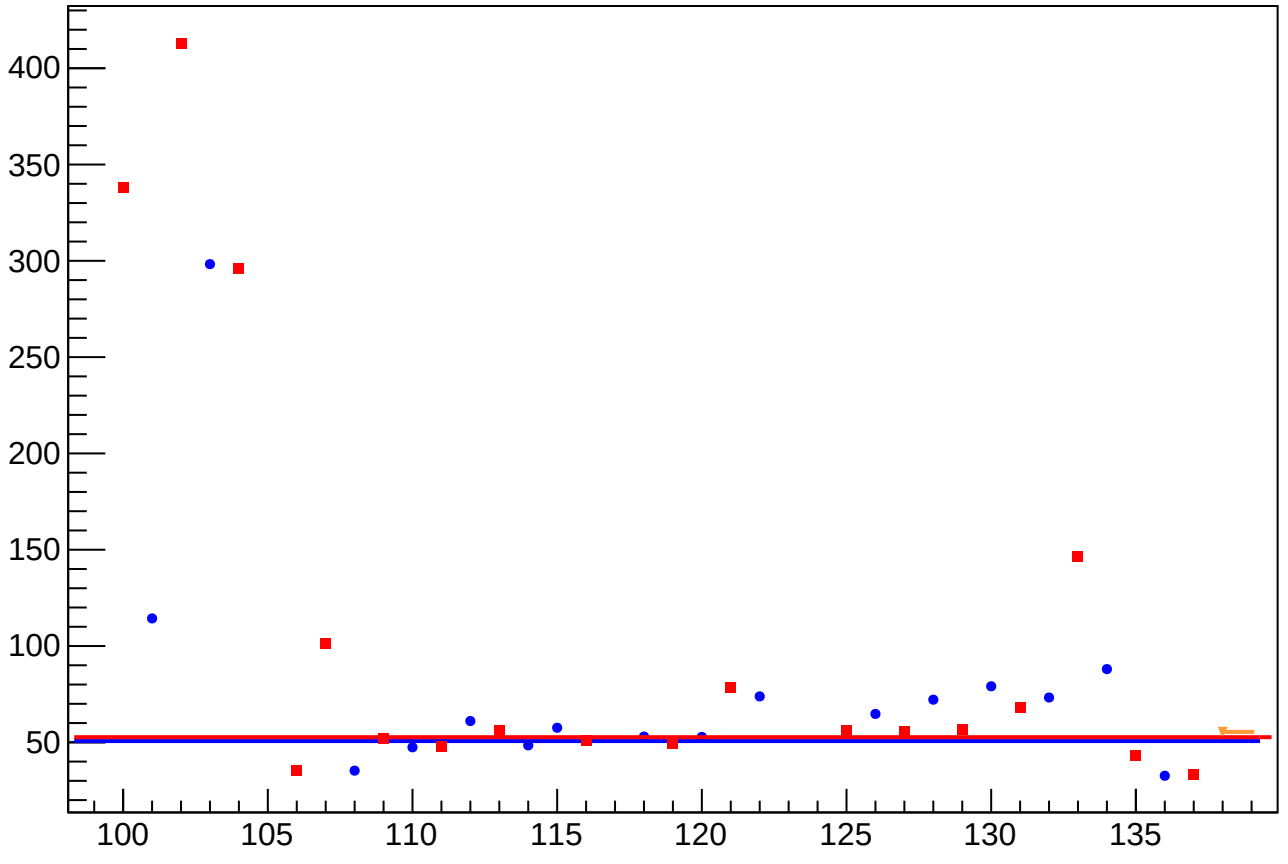
Right Out: 0.023+/-0.023 χ^2/NDF: 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.021 χ^2/NDF: 12.1/16

All: 0.014+/-0.015 χ^2/NDF: 28.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 50.645+/-0.015 χ^2/NDF: 2266445.6/15

Left Out: 55.429+/-0.047 χ^2/NDF:0.0/0

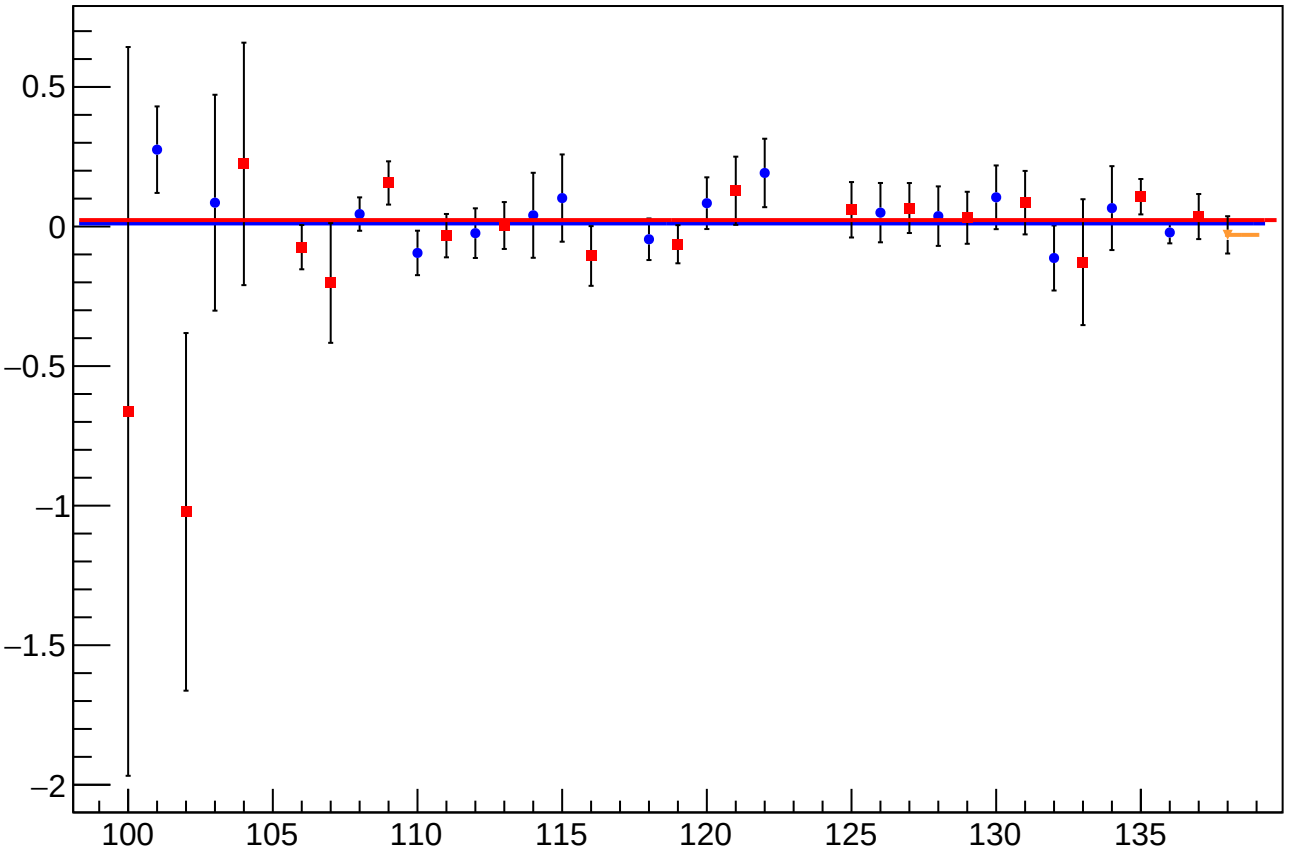
Right Out: 52.666+/-0.016 χ^2/NDF: 2211938.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 51.108+/-0.015 χ^2/NDF: 2275708.8/16

All: 51.805+/-0.011 χ^2/NDF: 4492668.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.011+/-0.022 χ^2/NDF: 11.7/15

Left Out: -0.030+/-0.067 χ^2/NDF:0.0/0

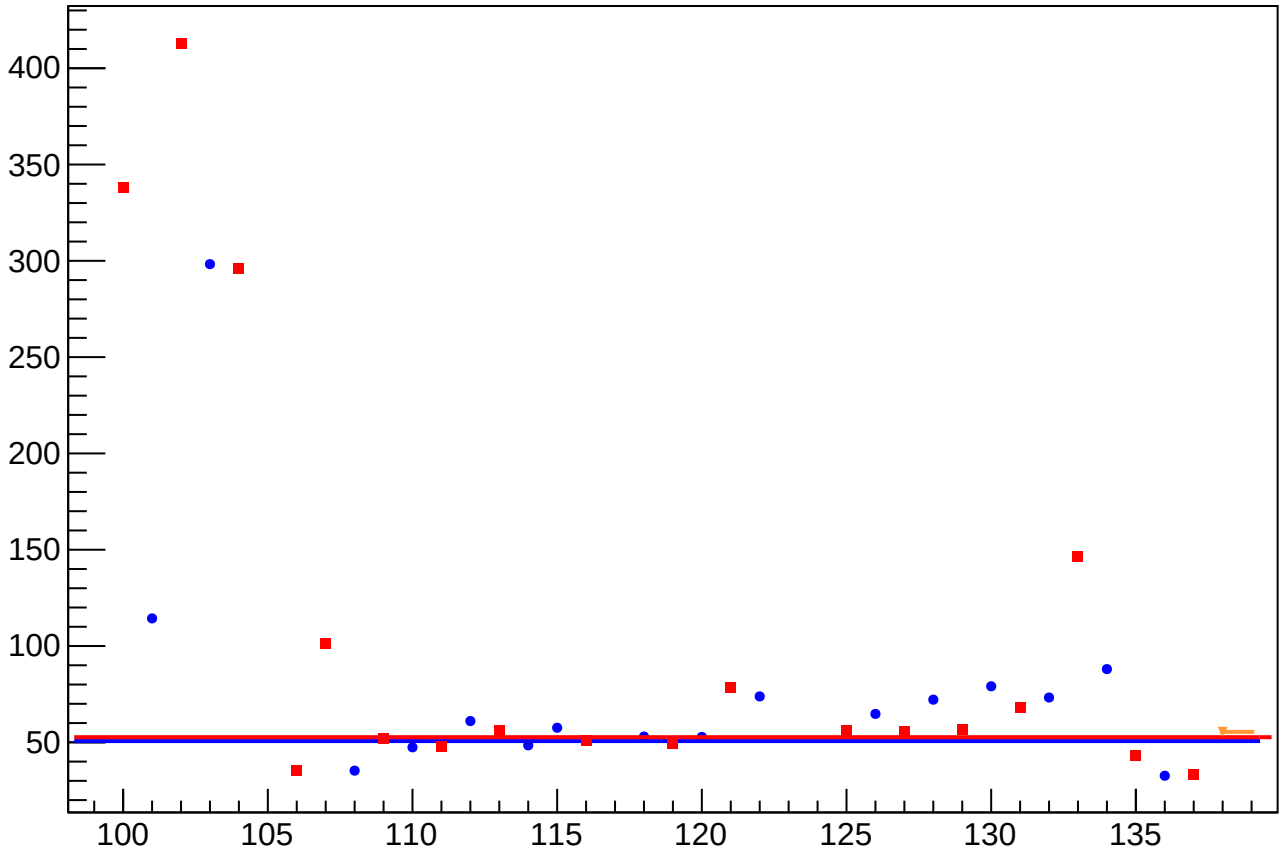
Right Out: 0.023+/-0.023 χ^2/NDF: 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.021 χ^2/NDF: 12.1/16

All: 0.014+/-0.015 χ^2/NDF: 28.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 50.645+/-0.015 χ^2/NDF: 2266445.6/15

Left Out: 55.429+/-0.047 χ^2/NDF:0.0/0

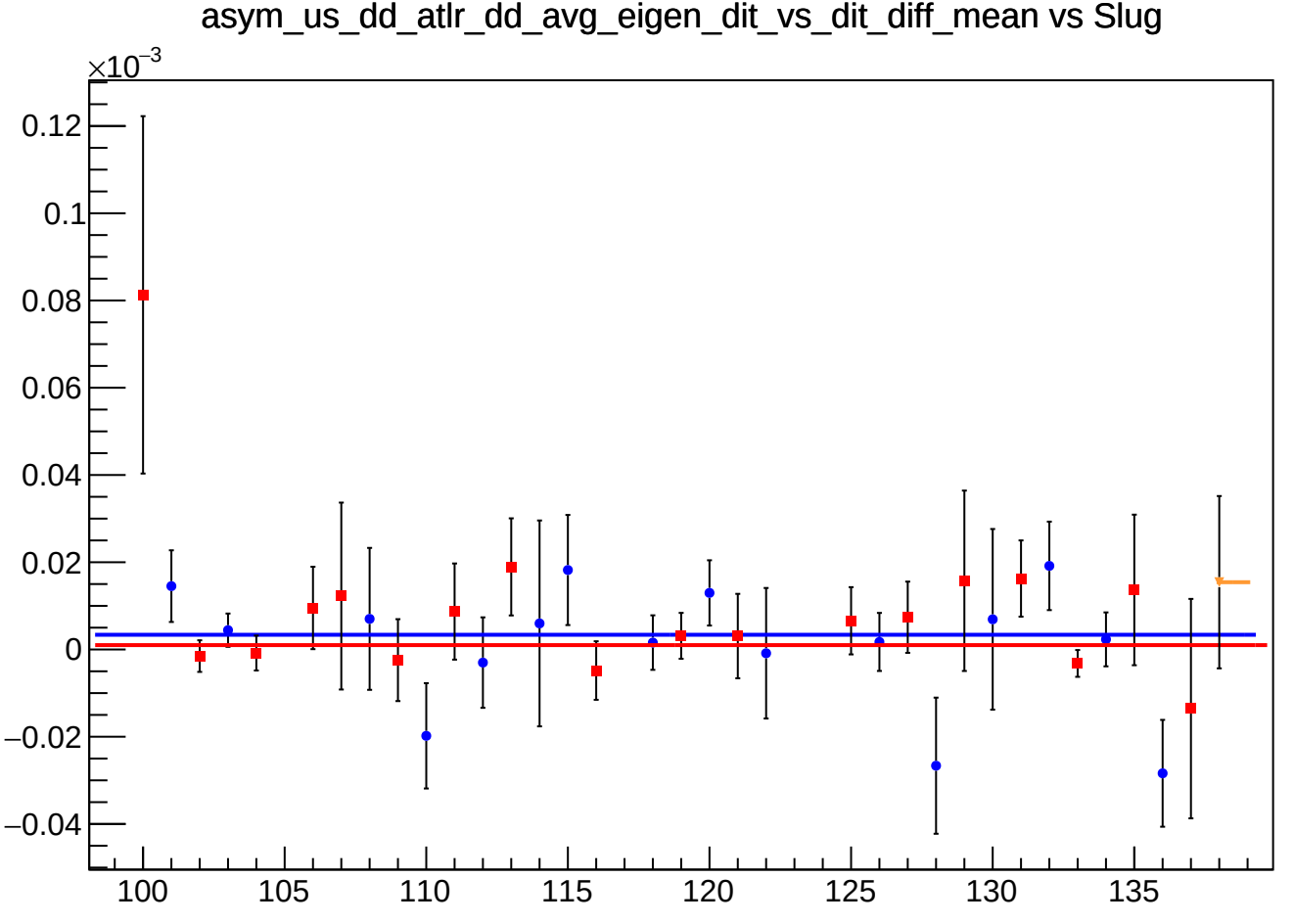
Right Out: 52.666+/-0.016 χ^2/NDF: 2211938.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 51.108+/-0.015 χ^2/NDF: 2275708.8/16

All: 51.805+/-0.011 χ^2/NDF: 4492668.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 22.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

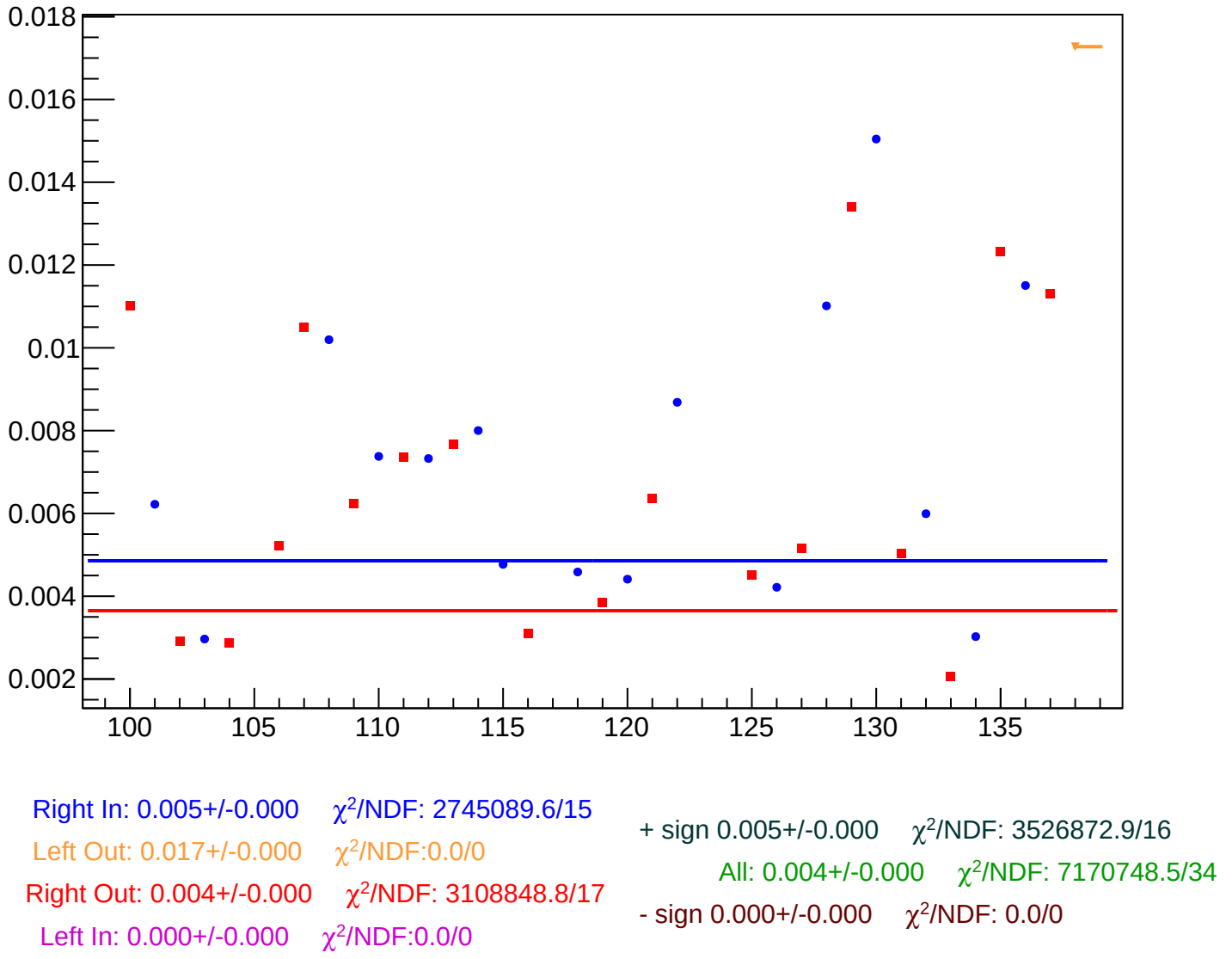
Right Out: 0.000+/-0.000 χ^2/NDF: 17.2/17

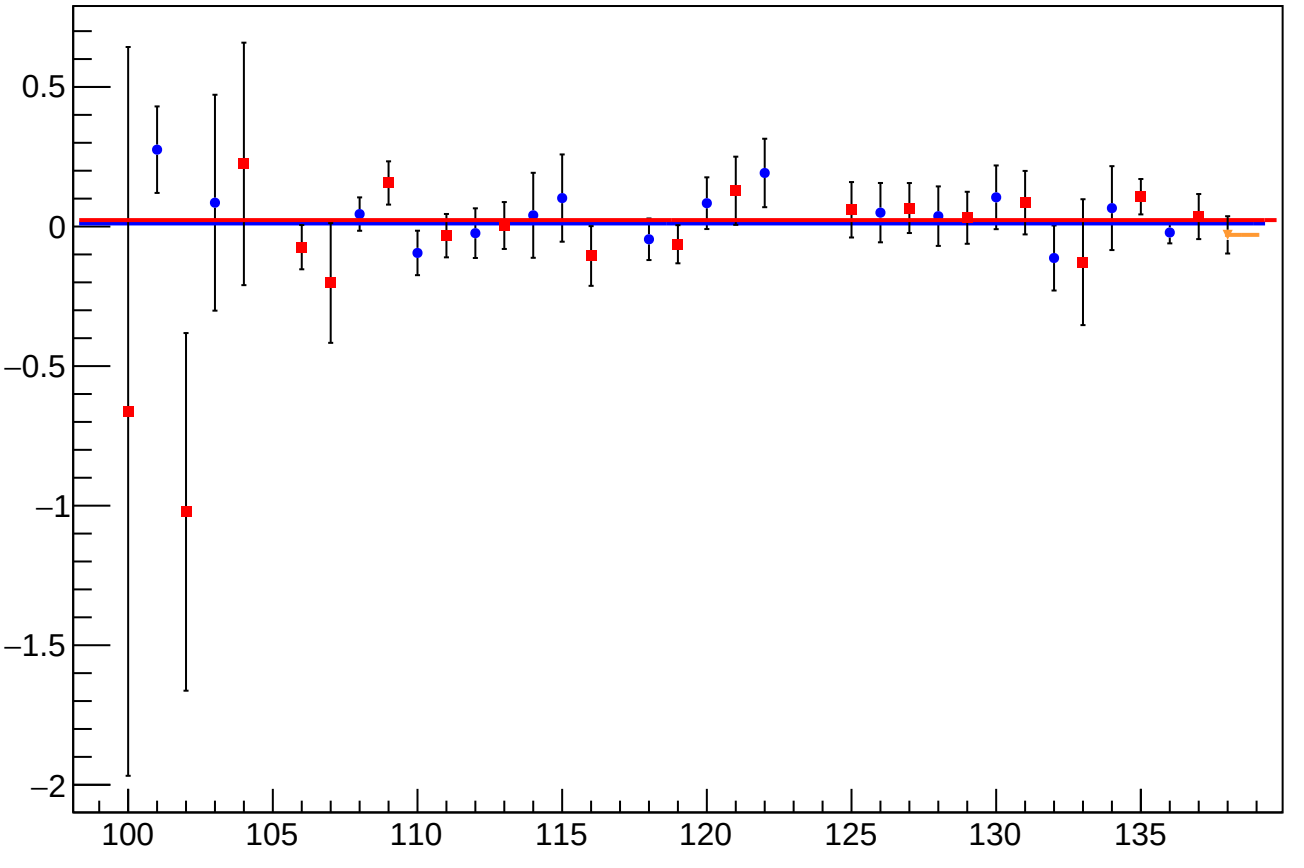
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 22.6/16

All: 0.000+/-0.000 χ^2/NDF: 40.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.005+/-0.000 χ²/NDF: 2745089.6/15
Left Out: 0.017+/-0.000 χ²/NDF:0.0/0
Right Out: 0.004+/-0.000 χ²/NDF: 3108848.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.005+/-0.000 χ²/NDF: 3526872.9/16
All: 0.004+/-0.000 χ²/NDF: 7170748.5/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.011+/-0.022 χ^2/NDF: 11.7/15

Left Out: -0.030+/-0.067 χ^2/NDF:0.0/0

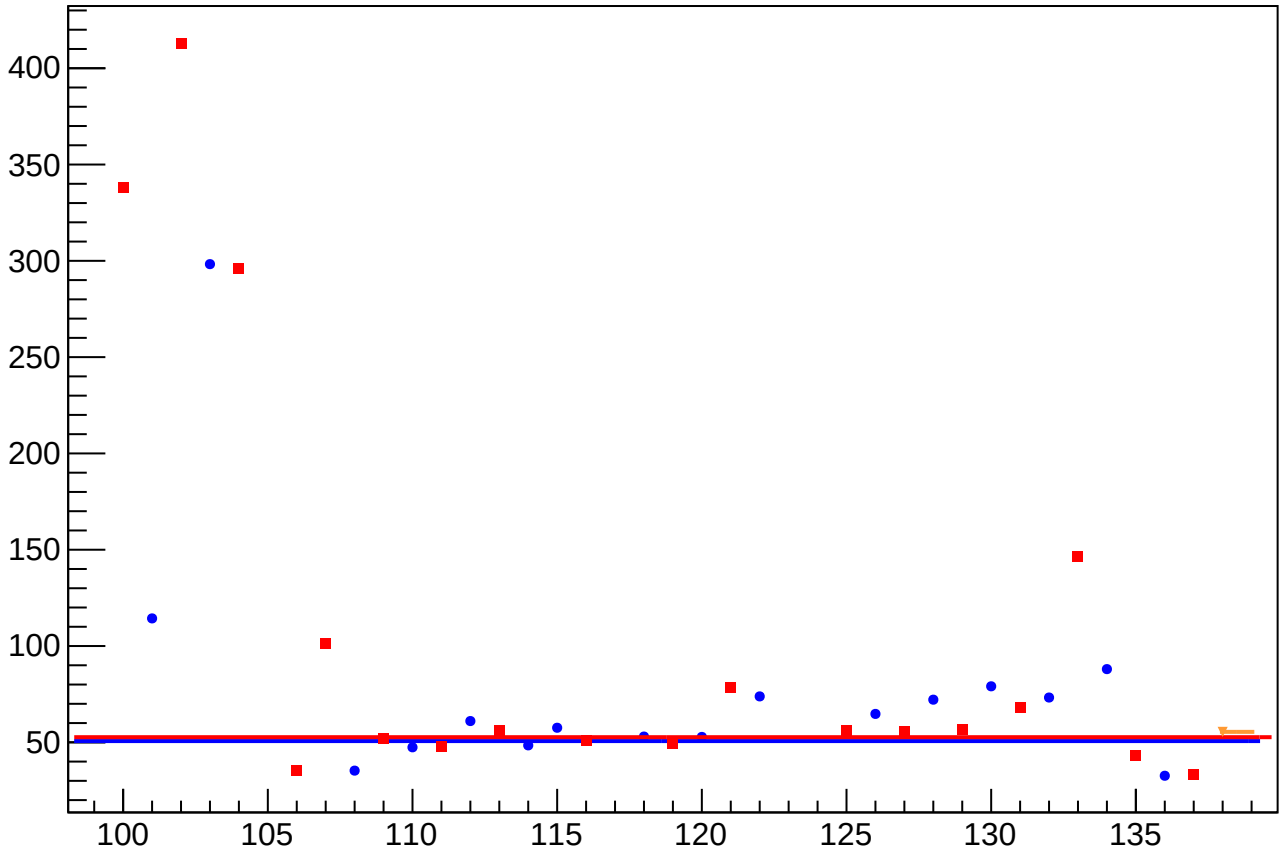
Right Out: 0.023+/-0.023 χ^2/NDF: 15.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.021 χ^2/NDF: 12.1/16

All: 0.014+/-0.015 χ^2/NDF: 28.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 50.646+/-0.015 χ^2/NDF: 2266348.3/15

Left Out: 55.431+/-0.047 χ^2/NDF:0.0/0

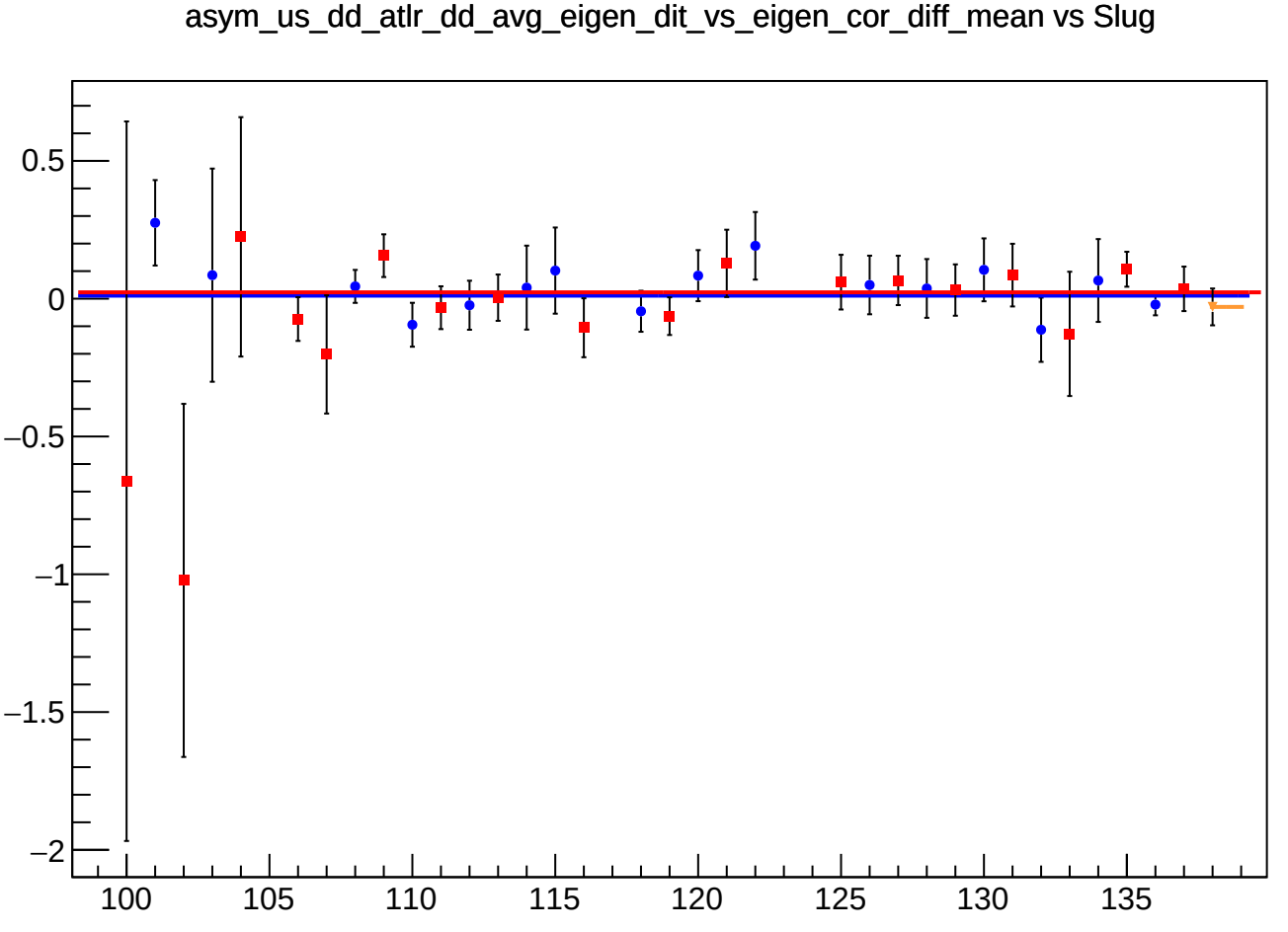
Right Out: 52.667+/-0.016 χ^2/NDF: 2211822.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 51.109+/-0.015 χ^2/NDF: 2275616.7/16

All: 51.806+/-0.011 χ^2/NDF: 4492461.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.011+/-0.022 χ^2/NDF: 11.7/15

Left Out: -0.030+/-0.067 χ^2/NDF:0.0/0

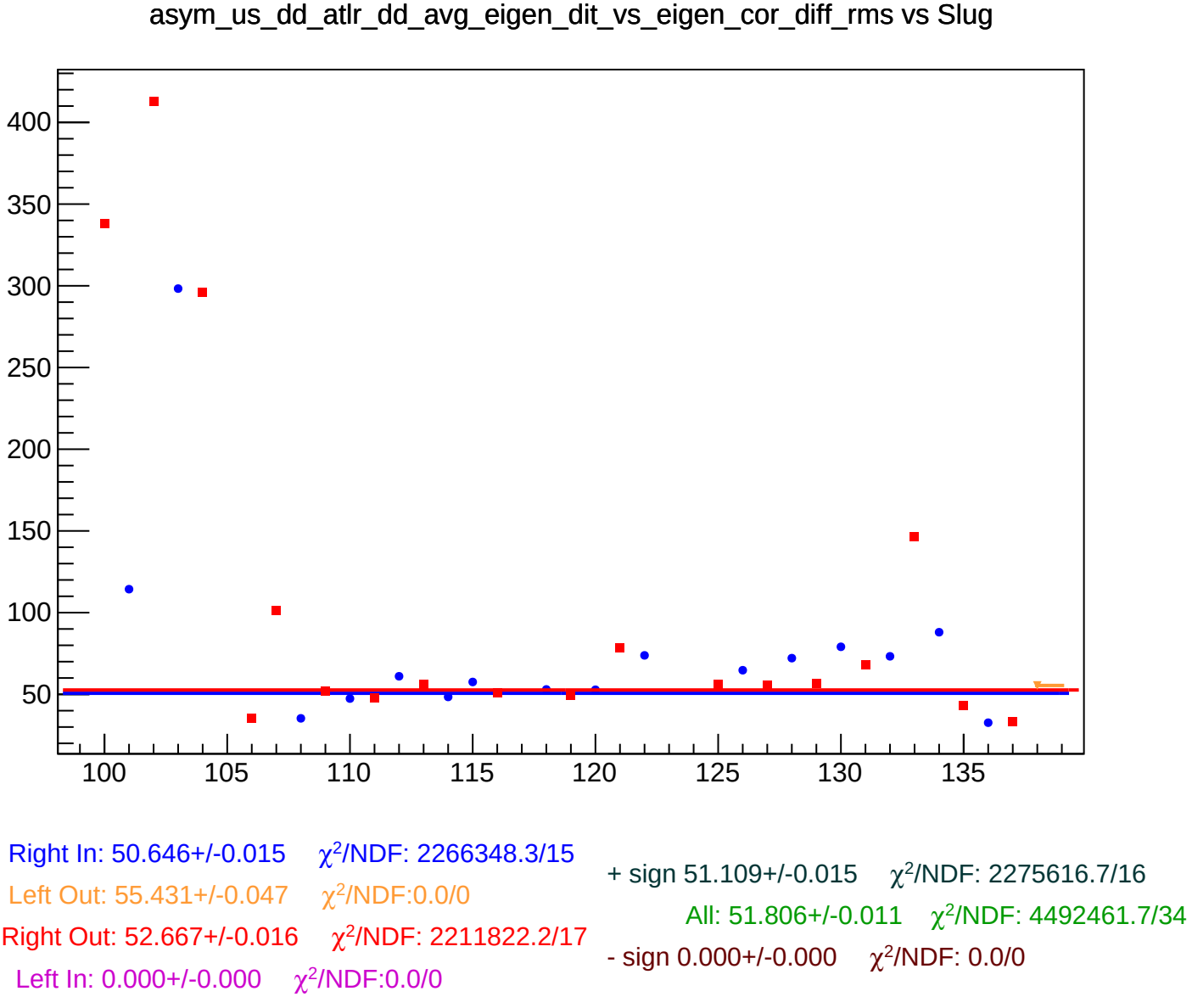
Right Out: 0.023+/-0.023 χ^2/NDF: 15.9/17

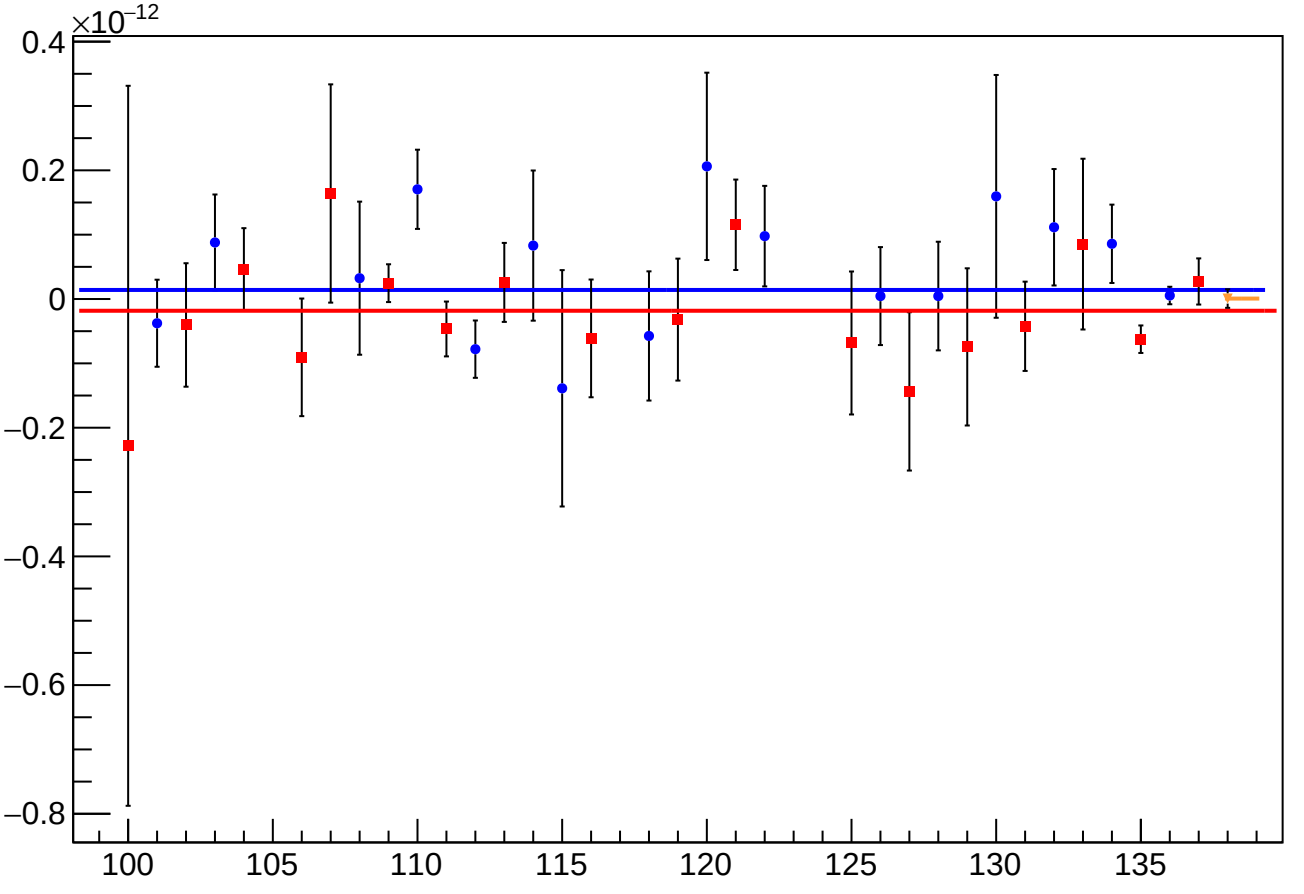
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.021 χ^2/NDF: 12.1/16

All: 0.014+/-0.015 χ^2/NDF: 28.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug
400
350
300
250
200
150
100
50
100
105
110
115
120
125
130
135
Right In: 50.646+/-0.015 χ²/NDF: 2266348.3/15
Left Out: 55.431+/-0.047 χ²/NDF:0.0/0
Right Out: 52.667+/-0.016 χ²/NDF: 2211822.2/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 51.109+/-0.015 χ²/NDF: 2275616.7/16
All: 51.806+/-0.011 χ²/NDF: 4492461.7/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

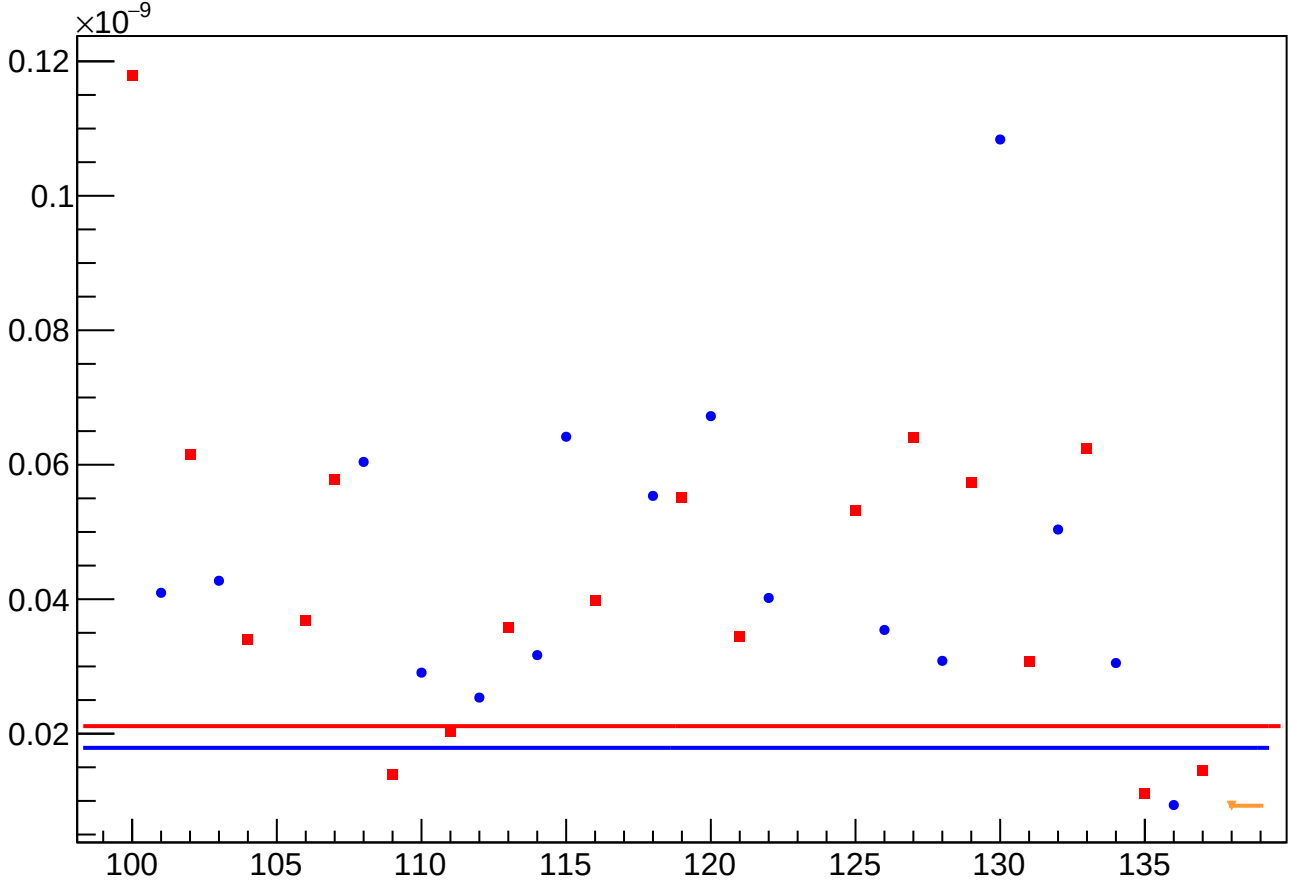
Right Out: -0.000+/-0.000 χ^2/NDF: 18.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 20.9/16

All: -0.000+/-0.000 χ^2/NDF: 42.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3398524.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2621588.2/17

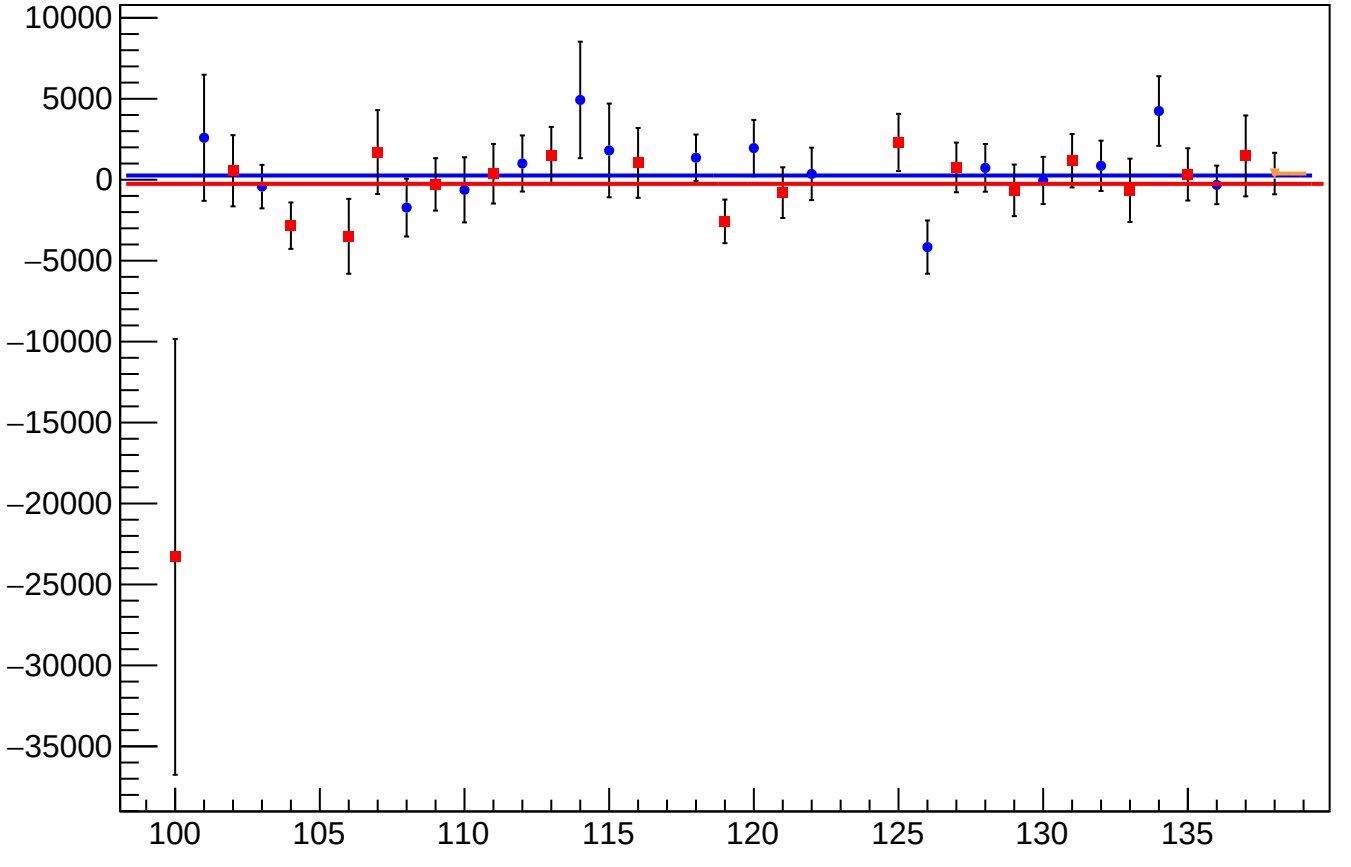
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3839620.8/16

All: 0.000+/-0.000 χ^2/NDF: 6820249.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 260.797+/-424.657 χ^2/NDF: 16.9/15

Left Out: 382.087+/-1281.239 χ^2/NDF:0.0/0

Right Out: -255.934+/-425.784 χ^2/NDF: 17.4/17

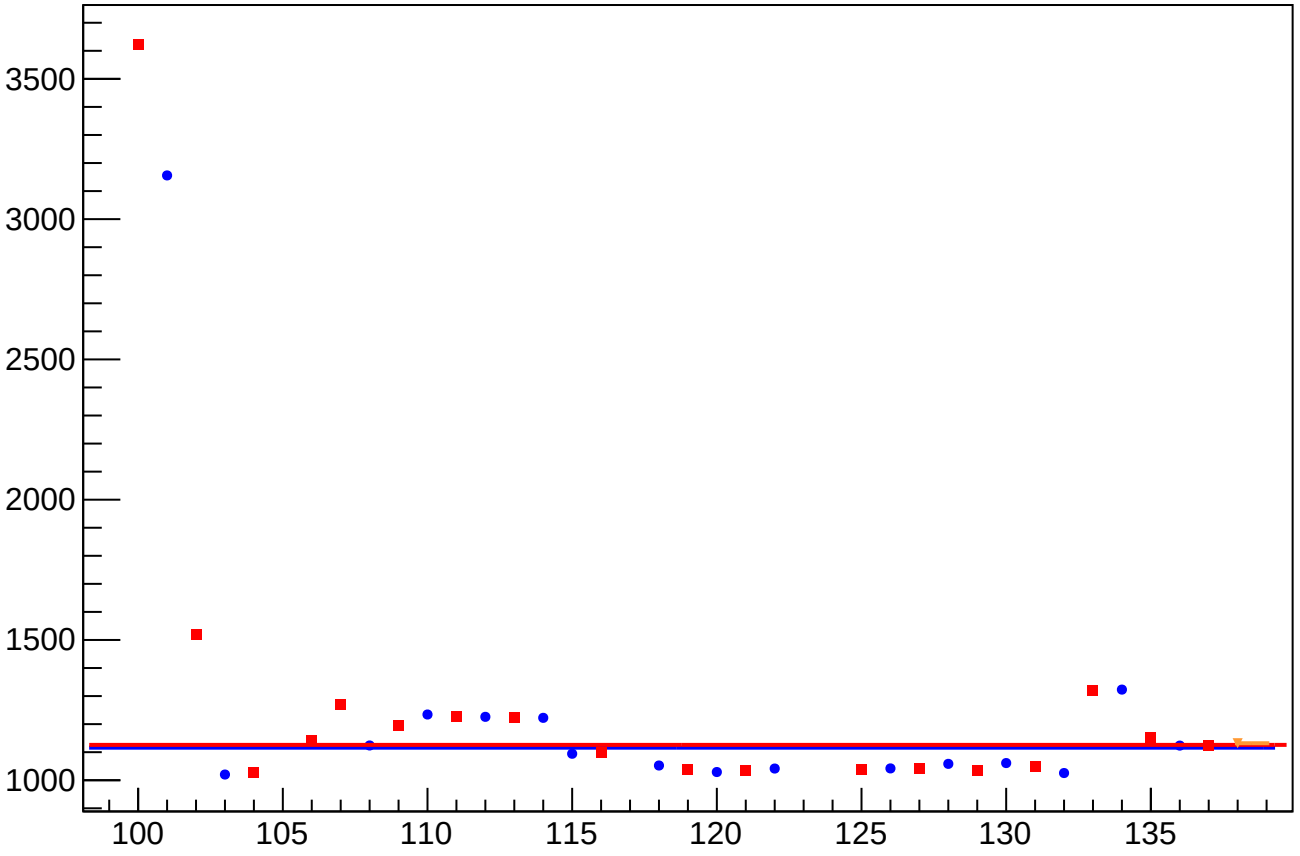
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 272.802+/-403.093 χ^2/NDF: 17.0/16

All: 22.898+/-292.723 χ^2/NDF: 35.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1116.089+/-0.300 χ^2/NDF: 623390.9/15

Left Out: 1131.848+/-0.906 χ^2/NDF:0.0/0

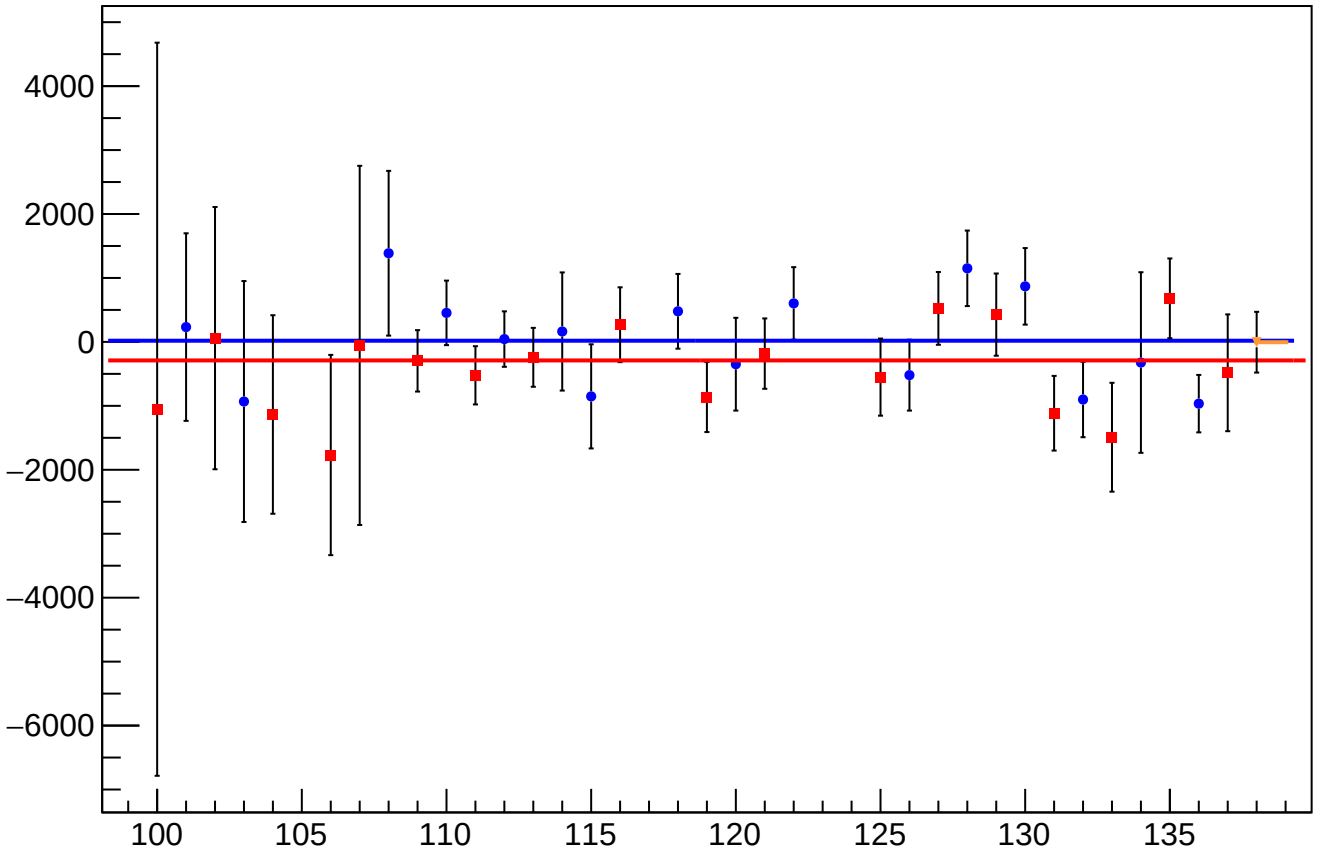
Right Out: 1126.016+/-0.301 χ^2/NDF: 222106.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1117.649+/-0.285 χ^2/NDF: 623663.5/16

All: 1121.603+/-0.207 χ^2/NDF: 846176.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 18.468+/-161.237 χ^2/NDF: 19.2/15

Left Out: -4.759+/-475.044 χ^2/NDF:0.0/0

Right Out: -289.946+/-156.189 χ^2/NDF: 13.5/17

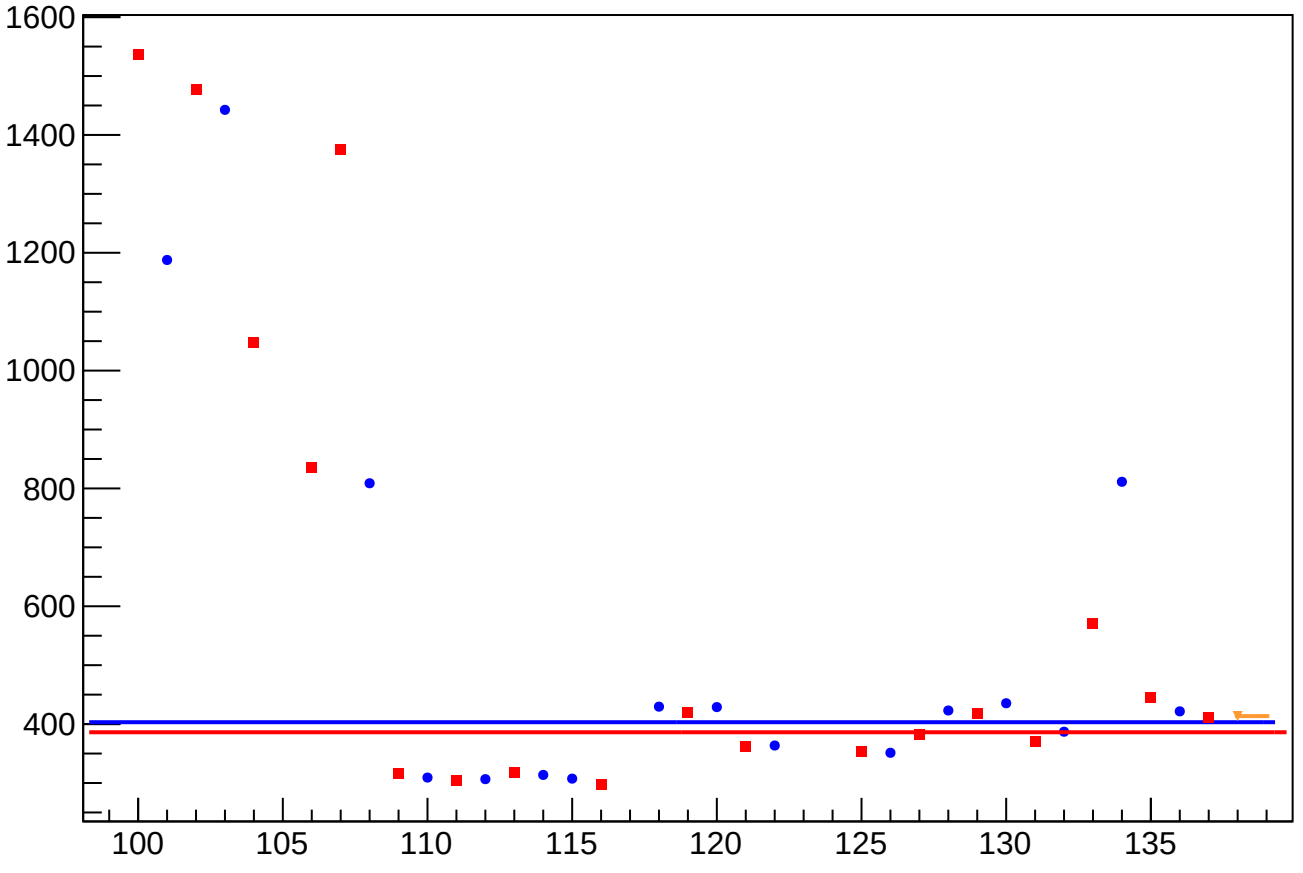
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.069+/-152.682 χ^2/NDF: 19.2/16

All: -133.465+/-109.181 χ^2/NDF: 34.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 403.194+/-0.114 χ^2/NDF: 1808432.3/15

Left Out: 413.572+/-0.336 χ^2/NDF:0.0/0

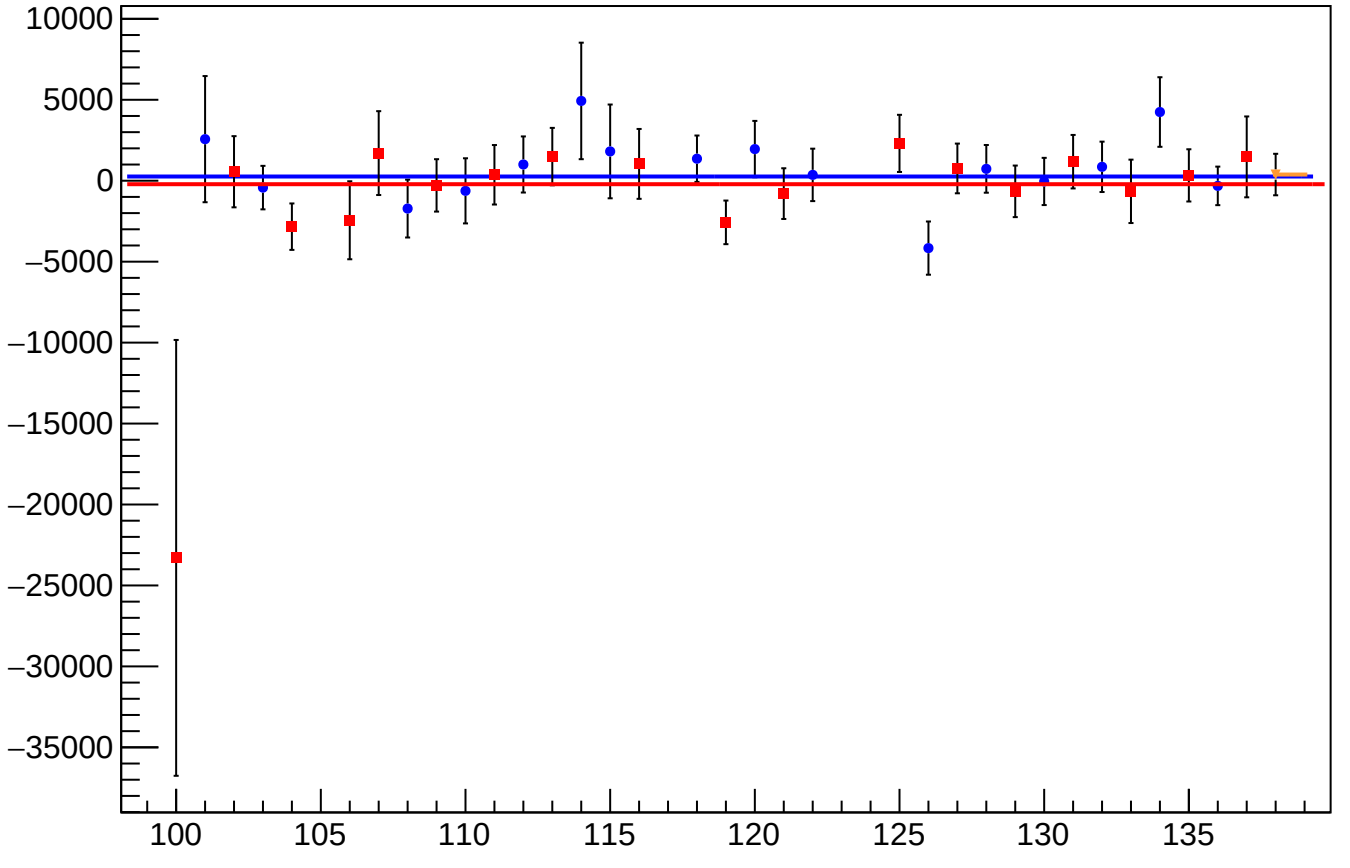
Right Out: 386.146+/-0.110 χ^2/NDF: 1759113.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 404.266+/-0.108 χ^2/NDF: 1809288.2/16

All: 395.412+/-0.077 χ^2/NDF: 3582166.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 260.415+/-424.657 χ^2/NDF: 16.9/15

Left Out: 382.059+/-1281.239 χ^2/NDF:0.0/0

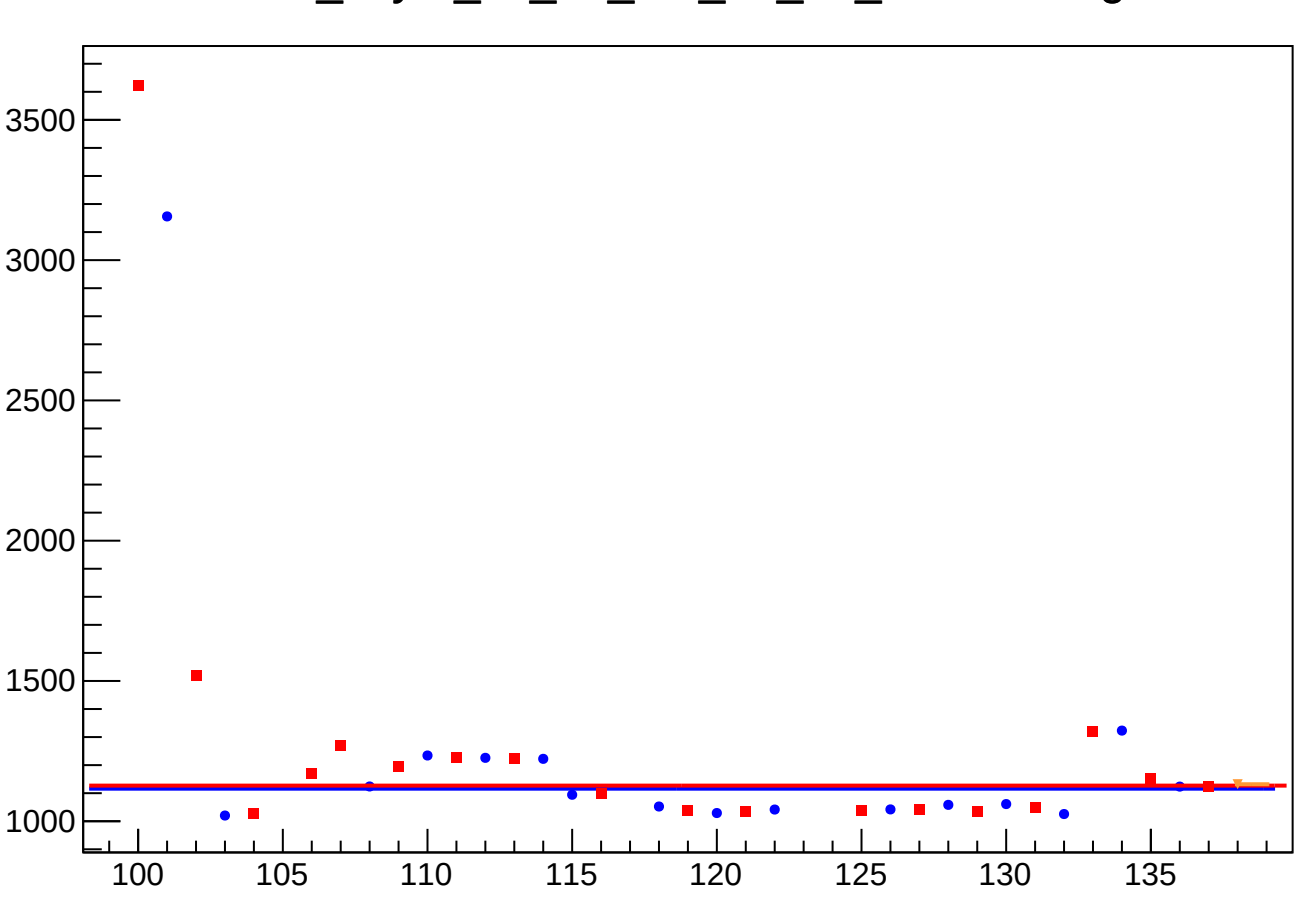
Right Out: -214.501+/-426.342 χ^2/NDF: 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 272.455+/-403.093 χ^2/NDF: 16.9/16

All: 42.616+/-292.904 χ^2/NDF: 33.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1116.089+/-0.300 χ^2/NDF: 623391.9/15

Left Out: 1131.848+/-0.906 χ^2/NDF:0.0/0

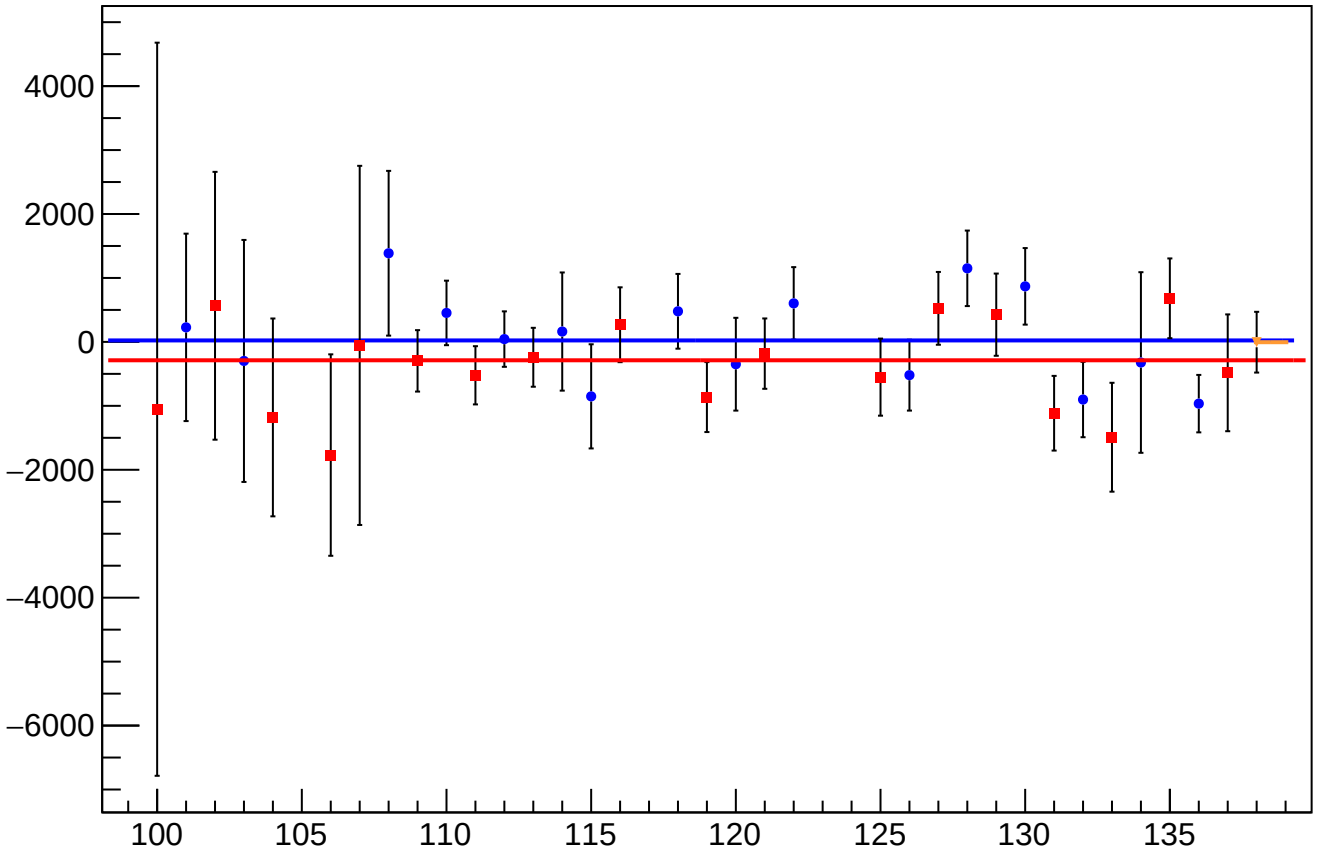
Right Out: 1126.960+/-0.301 χ^2/NDF: 222740.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1117.649+/-0.285 χ^2/NDF: 623664.5/16

All: 1122.044+/-0.207 χ^2/NDF: 846908.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 22.923+/-161.238 χ^2/NDF: 19.0/15

Left Out: -4.745+/-475.041 χ^2/NDF:0.0/0

Right Out: -287.614+/-156.212 χ^2/NDF: 13.7/17

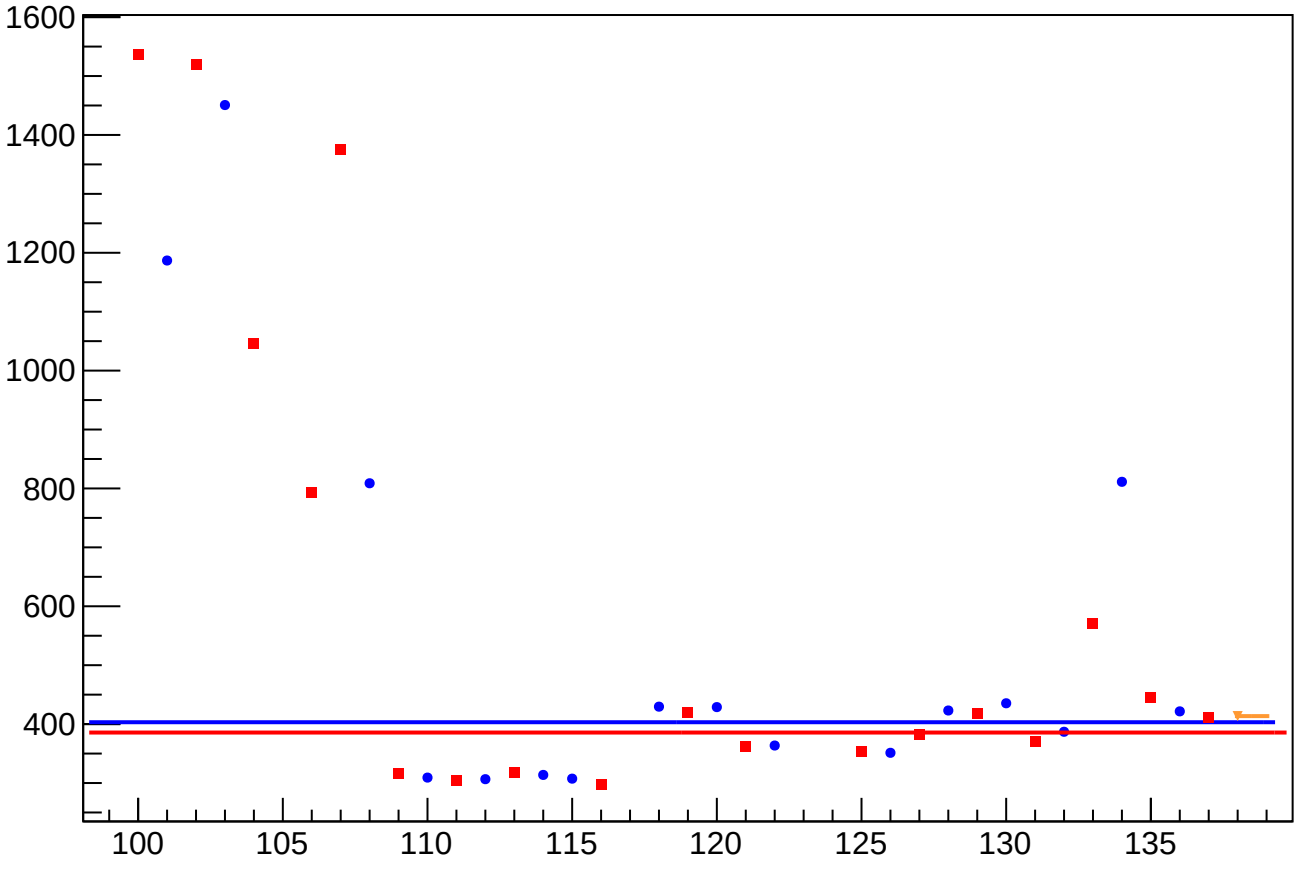
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.065+/-152.683 χ^2/NDF: 19.0/16

All: -130.260+/-109.190 χ^2/NDF: 34.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug



Right In: 403.182+/-0.114 χ^2/NDF: 1812111.0/15

Left Out: 413.570+/-0.336 χ^2/NDF:0.0/0

Right Out: 385.682+/-0.110 χ^2/NDF: 1747152.2/17

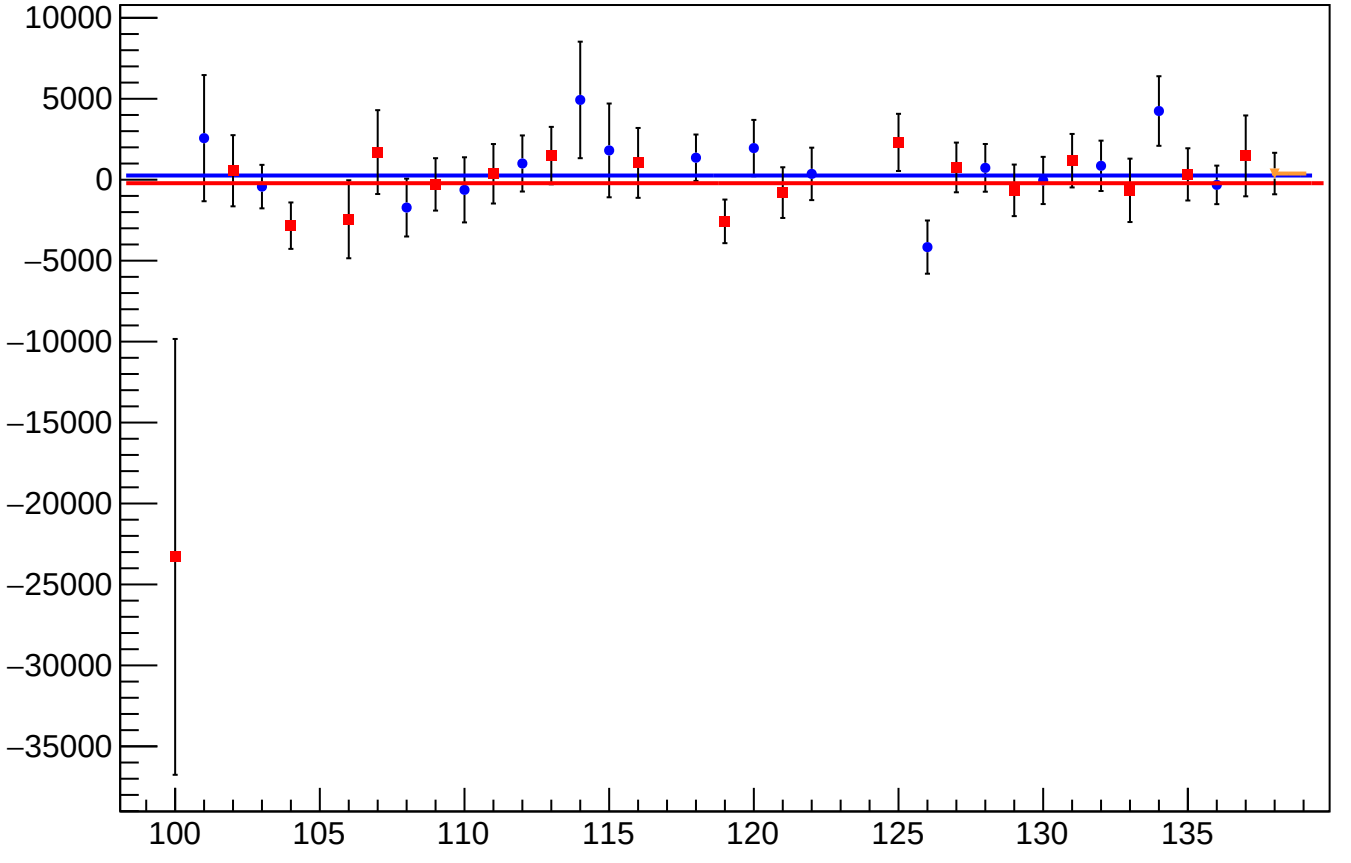
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 404.255+/-0.108 χ^2/NDF: 1812968.4/16

All: 395.181+/-0.077 χ^2/NDF: 3574581.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 260.415+/-424.657 χ^2/NDF: 16.9/15

Left Out: 382.059+/-1281.239 χ^2/NDF:0.0/0

Right Out: -214.501+/-426.342 χ^2/NDF: 16.2/17

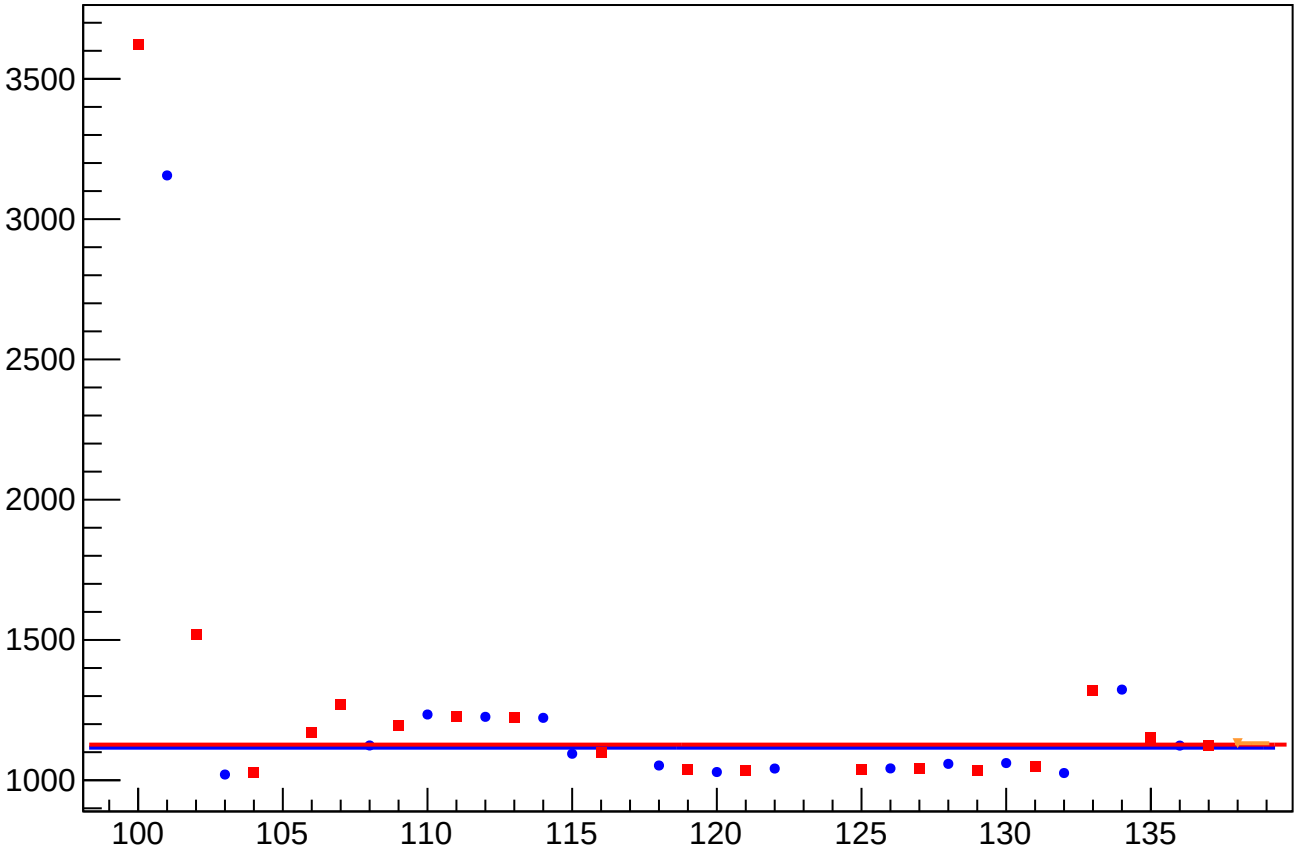
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 272.455+/-403.093 χ^2/NDF: 16.9/16

All: 42.616+/-292.904 χ^2/NDF: 33.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1116.089+/-0.300 χ^2/NDF: 623391.9/15

Left Out: 1131.848+/-0.906 χ^2/NDF:0.0/0

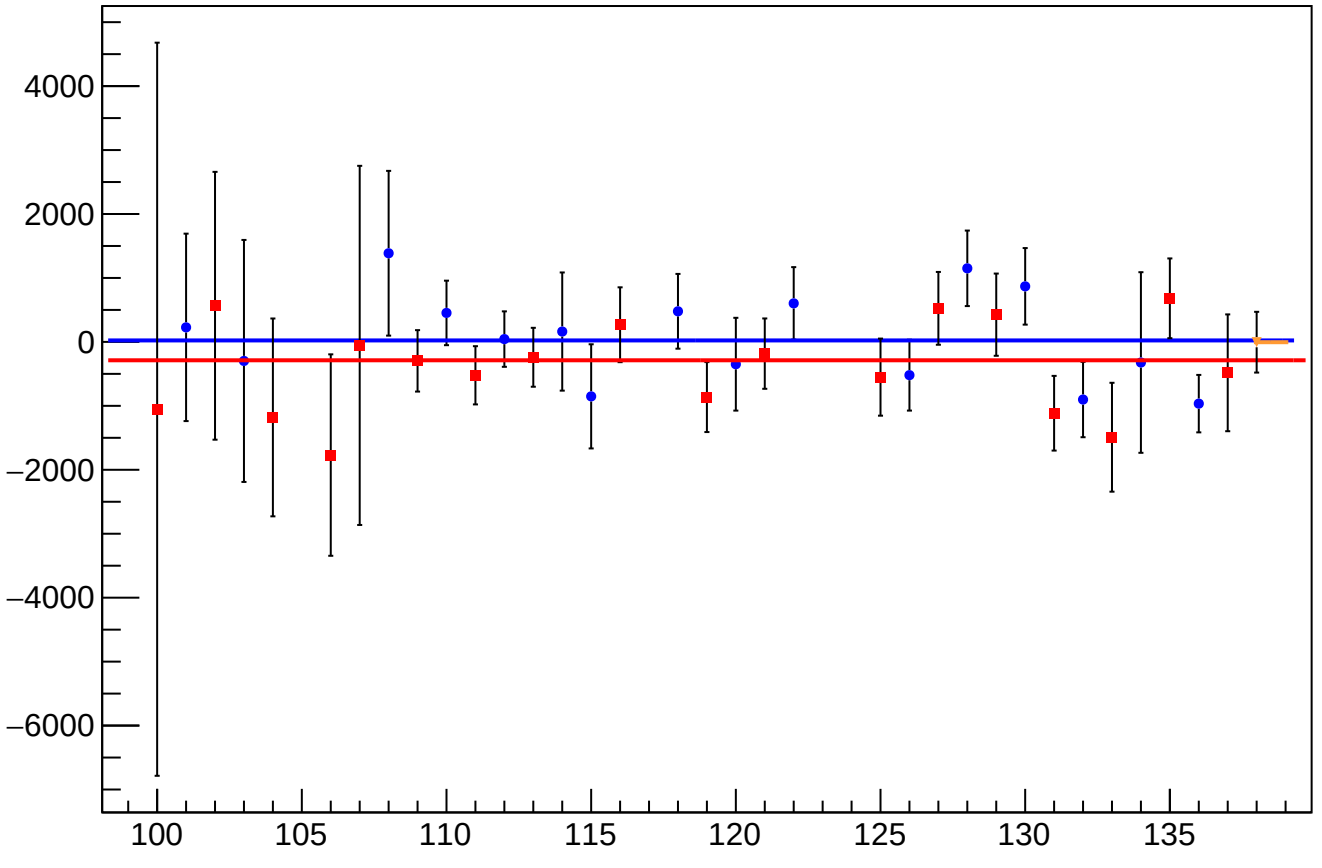
Right Out: 1126.960+/-0.301 χ^2/NDF: 222740.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1117.649+/-0.285 χ^2/NDF: 623664.5/16

All: 1122.044+/-0.207 χ^2/NDF: 846908.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 22.923+/-161.238 χ^2/NDF: 19.0/15

Left Out: -4.745+/-475.041 χ^2/NDF:0.0/0

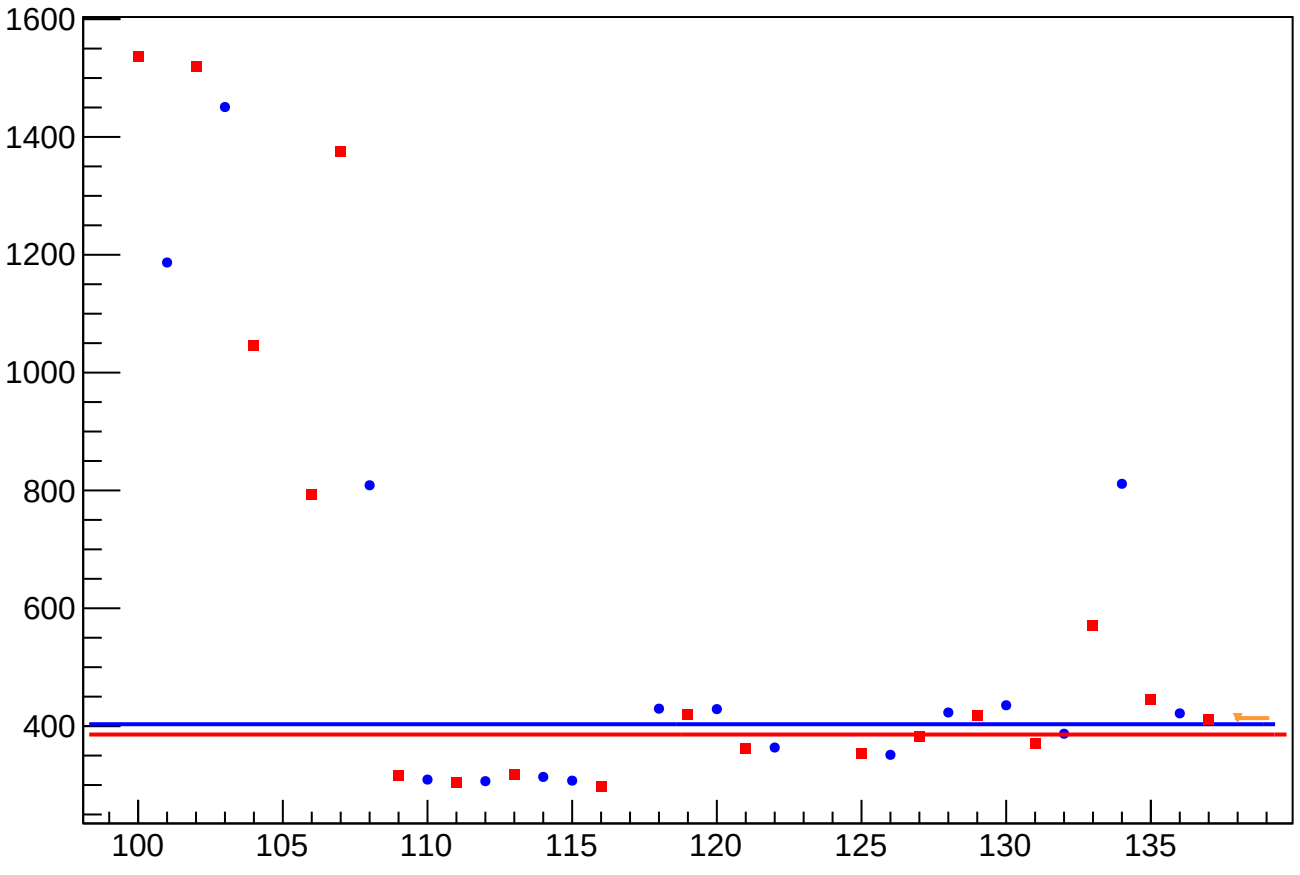
Right Out: -287.614+/-156.212 χ^2/NDF: 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.065+/-152.683 χ^2/NDF: 19.0/16

All: -130.260+/-109.190 χ^2/NDF: 34.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 403.182+/-0.114 χ^2/NDF: 1812111.0/15

Left Out: 413.570+/-0.336 χ^2/NDF:0.0/0

Right Out: 385.682+/-0.110 χ^2/NDF: 1747152.2/17

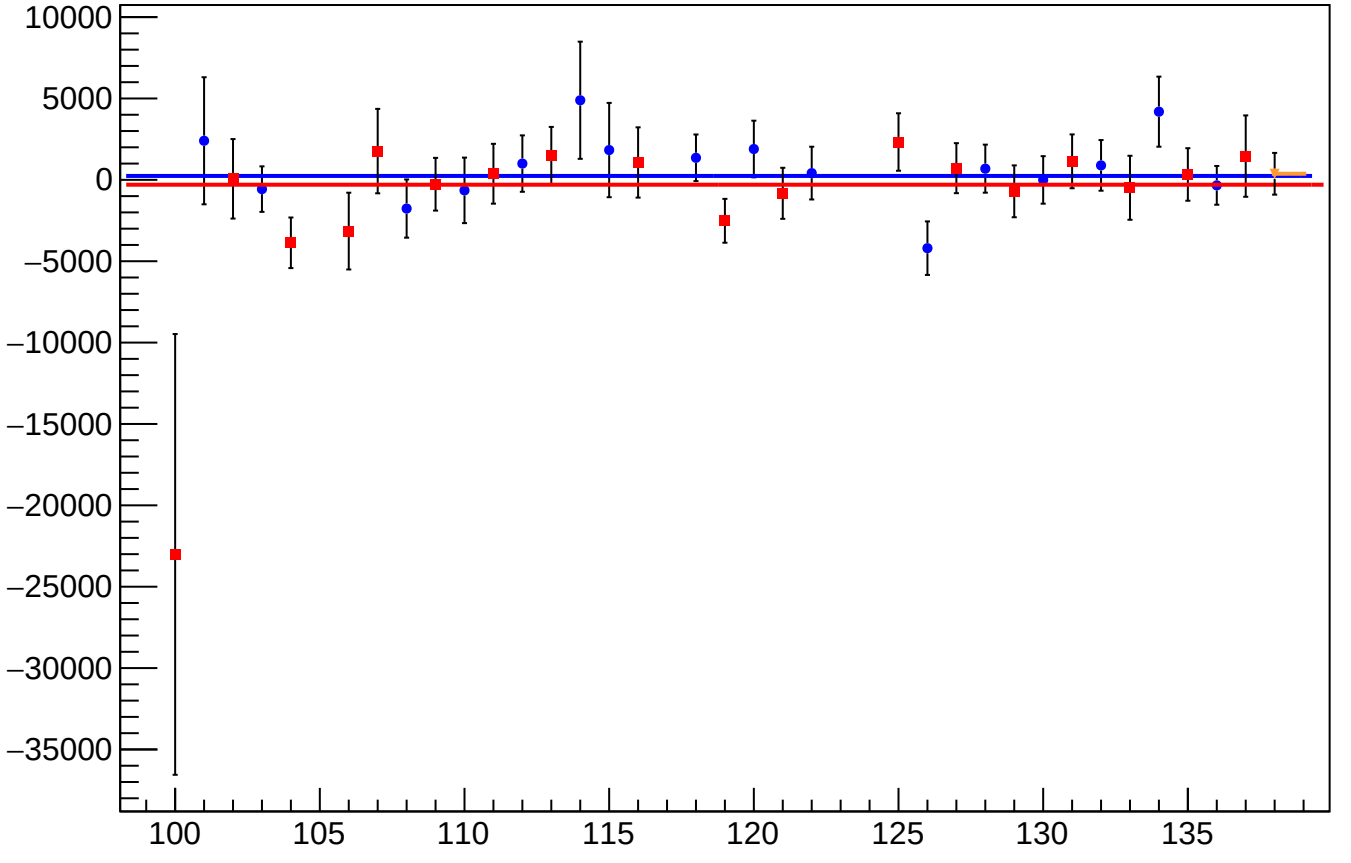
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 404.255+/-0.108 χ^2/NDF: 1812968.4/16

All: 395.181+/-0.077 χ^2/NDF: 3574581.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 240.827+/-426.592 χ^2/NDF: 17.0/15

Left Out: 373.663+/-1282.372 χ^2/NDF:0.0/0

Right Out: -298.921+/-430.767 χ^2/NDF: 18.7/17

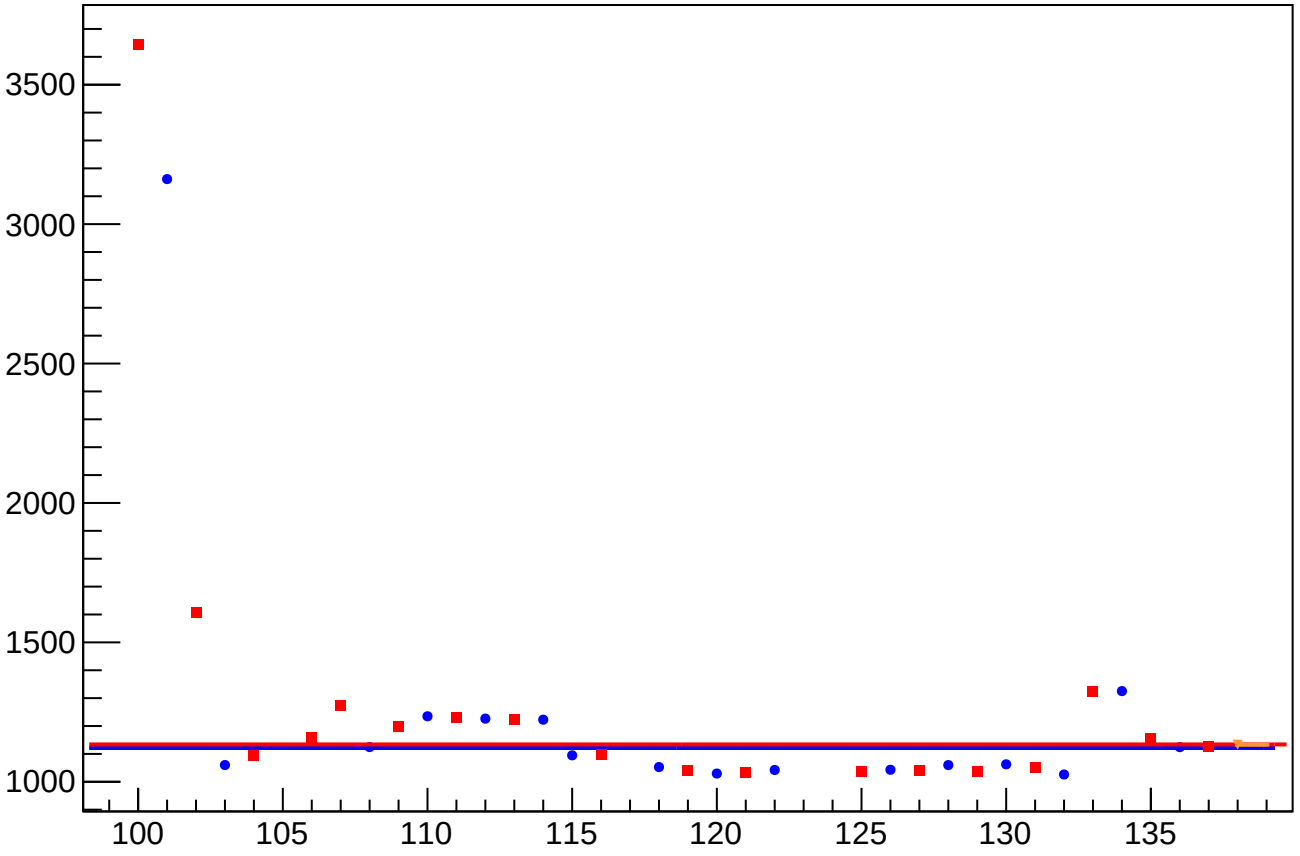
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 254.062+/-404.783 χ^2/NDF: 17.0/16

All: -5.249+/-294.983 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1121.294+/-0.302 χ^2/NDF: 617028.4/15

Left Out: 1132.849+/-0.907 χ^2/NDF:0.0/0

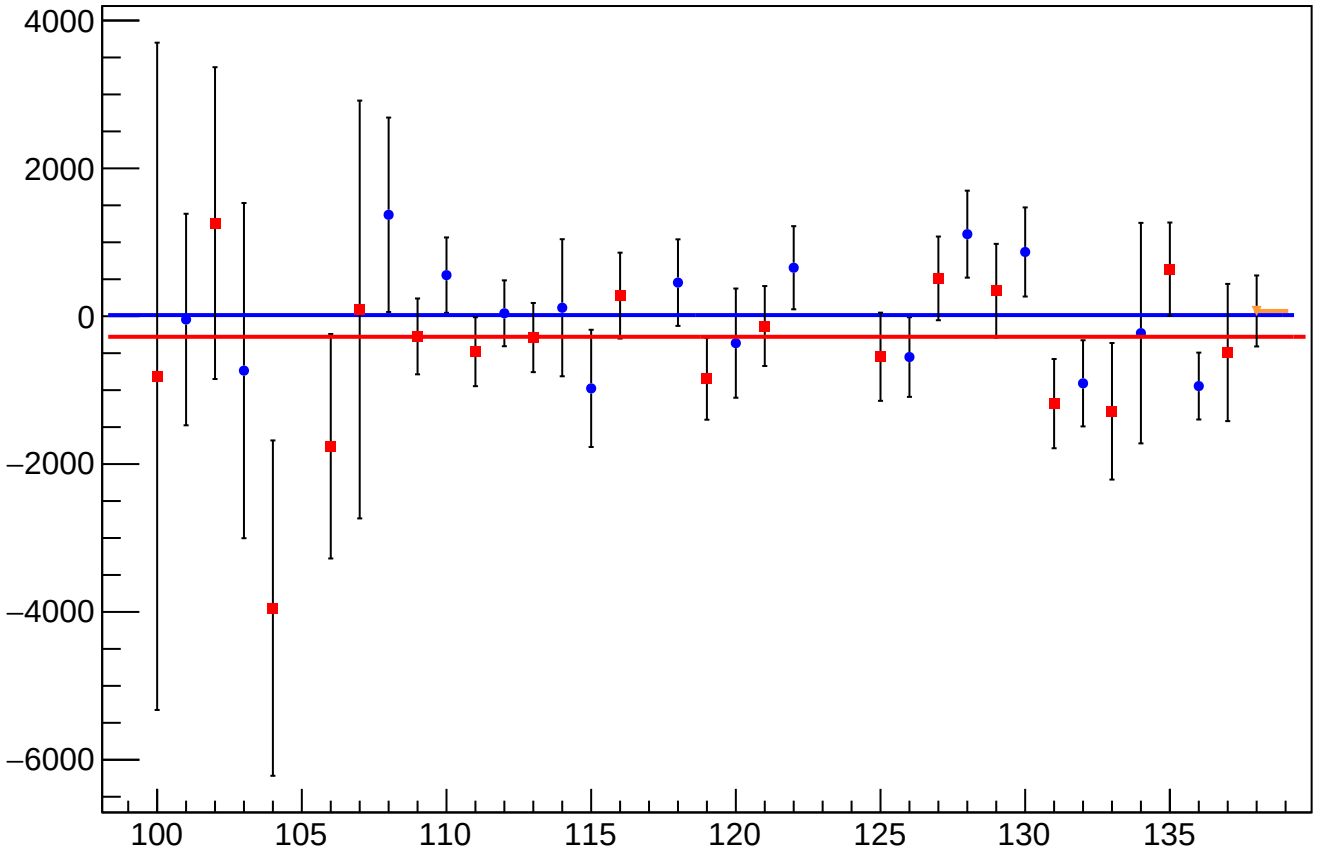
Right Out: 1133.929+/-0.305 χ^2/NDF: 227457.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1122.445+/-0.286 χ^2/NDF: 617174.6/16

All: 1127.830+/-0.209 χ^2/NDF: 845386.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 15.291+/-161.845 χ^2/NDF: 19.6/15

Left Out: 71.134+/-480.163 χ^2/NDF:0.0/0

Right Out: -278.251+/-158.828 χ^2/NDF: 15.1/17

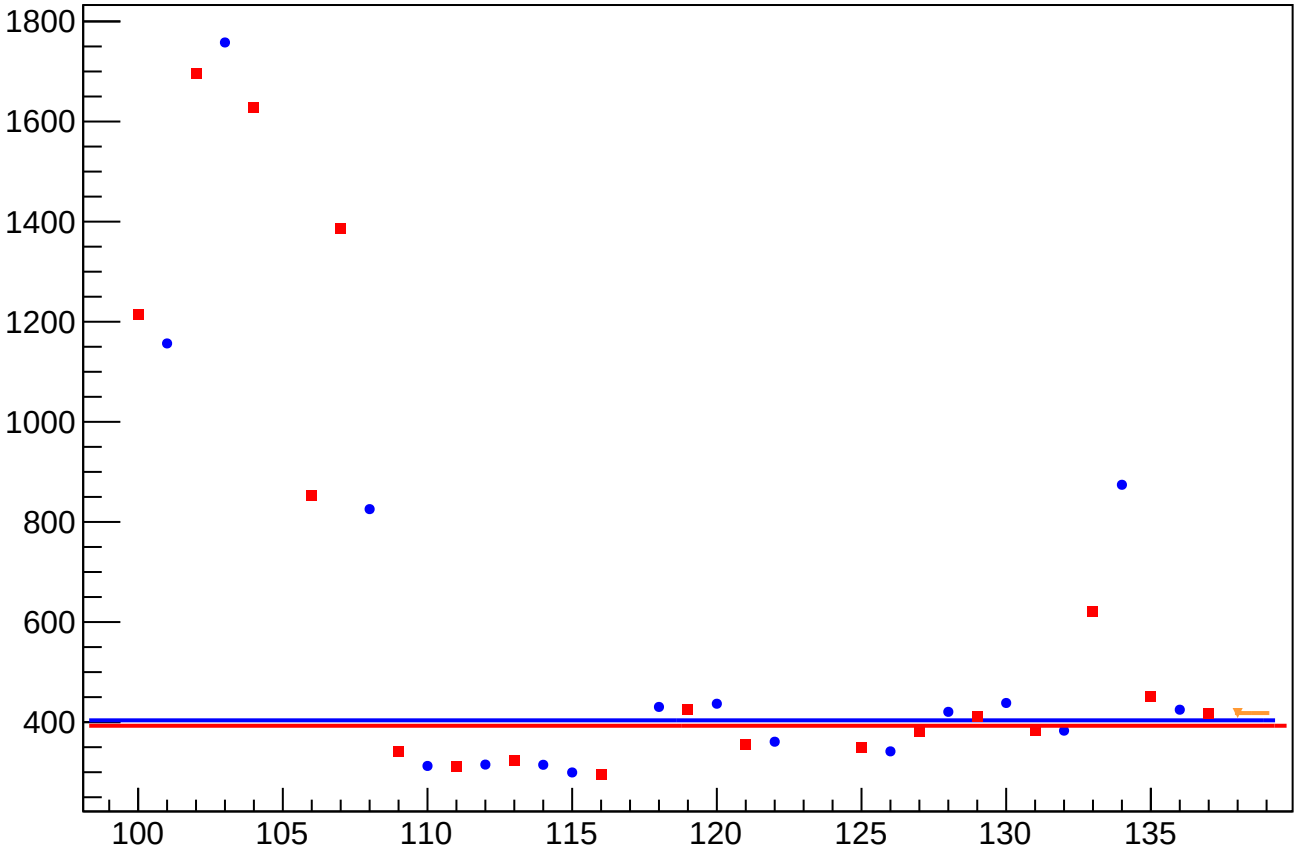
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.989+/-153.368 χ^2/NDF: 19.6/16

All: -123.399+/-110.327 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 403.656+/-0.114 χ^2/NDF: 1929597.5/15

Left Out: 418.186+/-0.340 χ^2/NDF:0.0/0

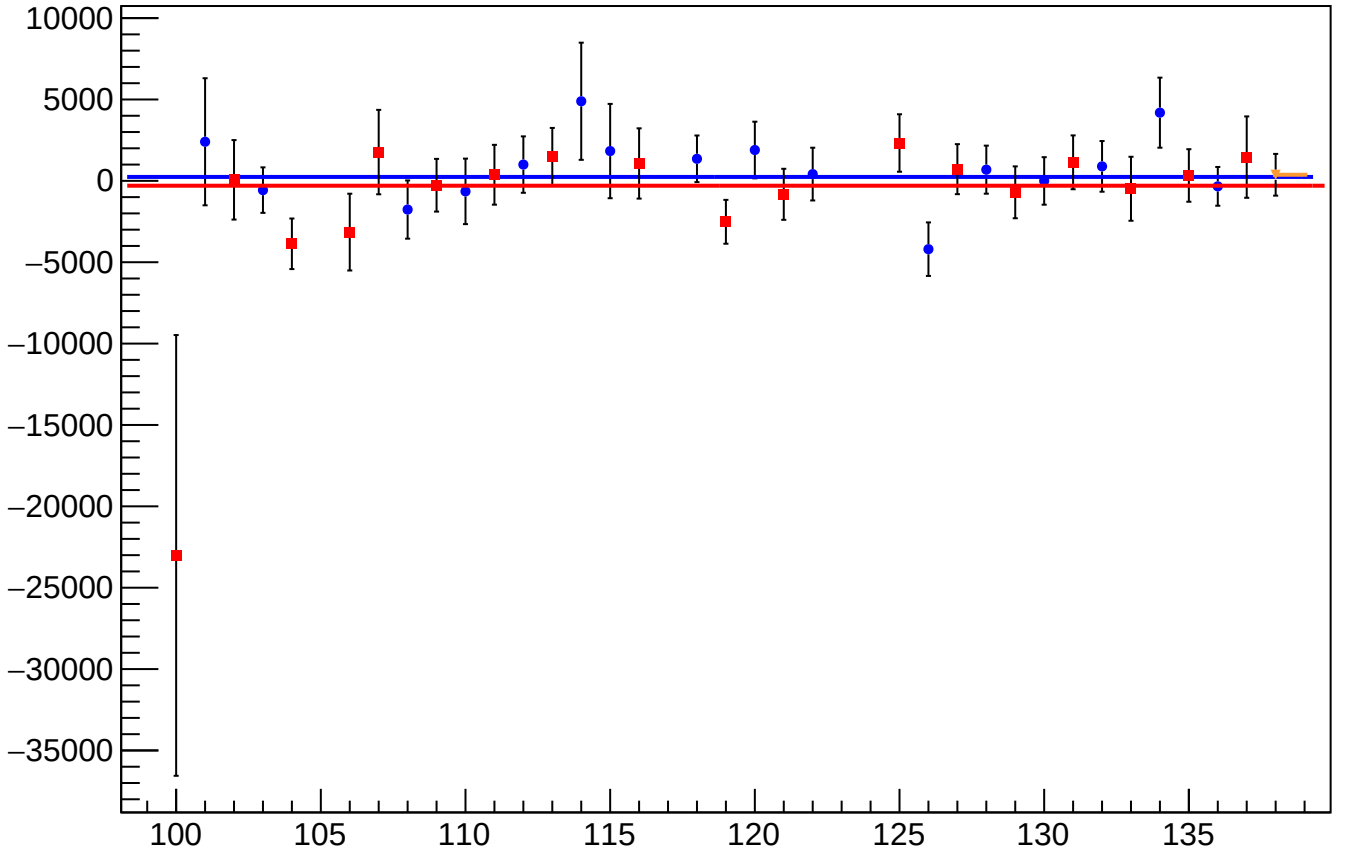
Right Out: 392.820+/-0.112 χ^2/NDF: 2203456.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 405.138+/-0.108 χ^2/NDF: 1931242.1/16

All: 399.195+/-0.078 χ^2/NDF: 4140923.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 240.829+/-426.592 χ^2/NDF: 17.0/15

Left Out: 373.643+/-1282.372 χ^2/NDF:0.0/0

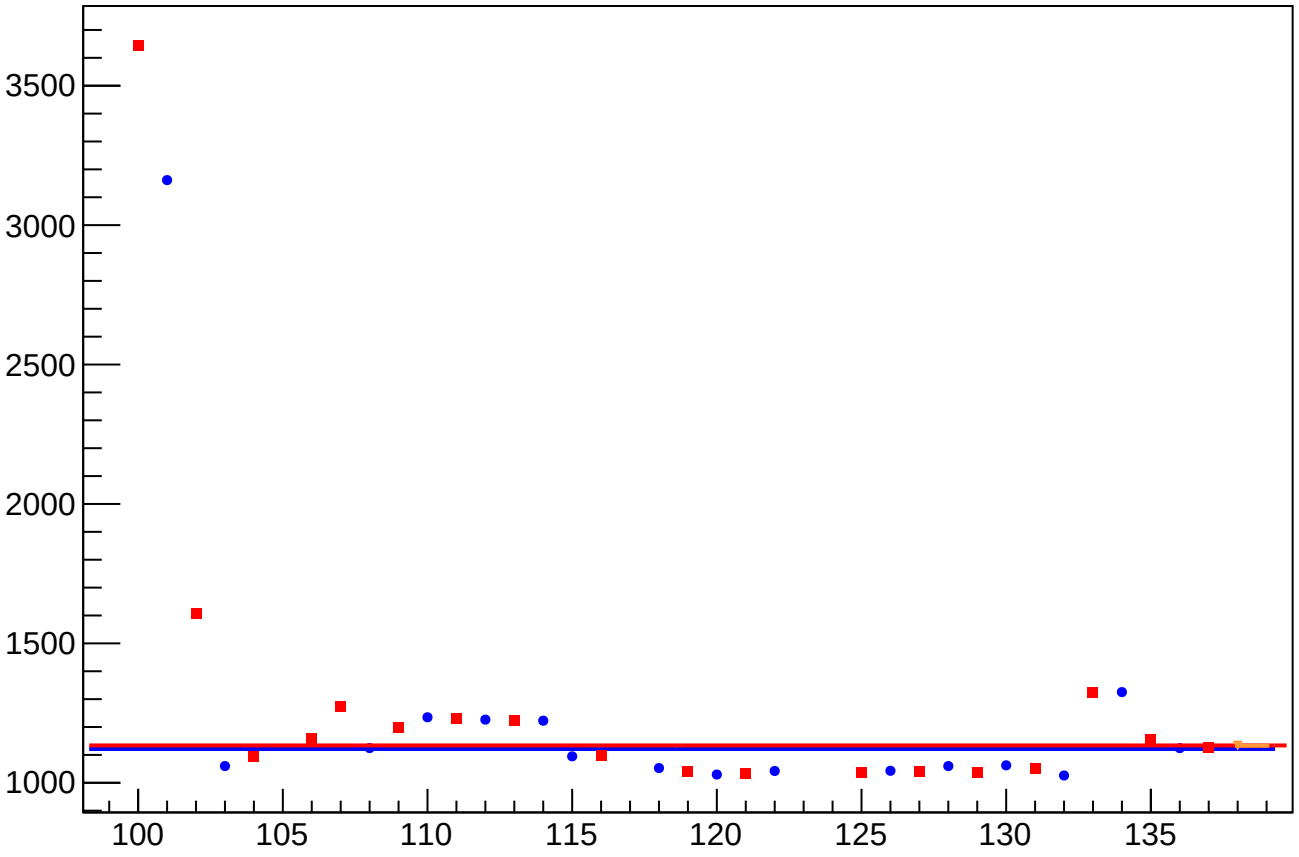
Right Out: -298.922+/-430.767 χ^2/NDF: 18.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 254.062+/-404.783 χ^2/NDF: 17.0/16

All: -5.250+/-294.983 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1121.294+/-0.302 χ^2/NDF: 617028.4/15

Left Out: 1132.849+/-0.907 χ^2/NDF:0.0/0

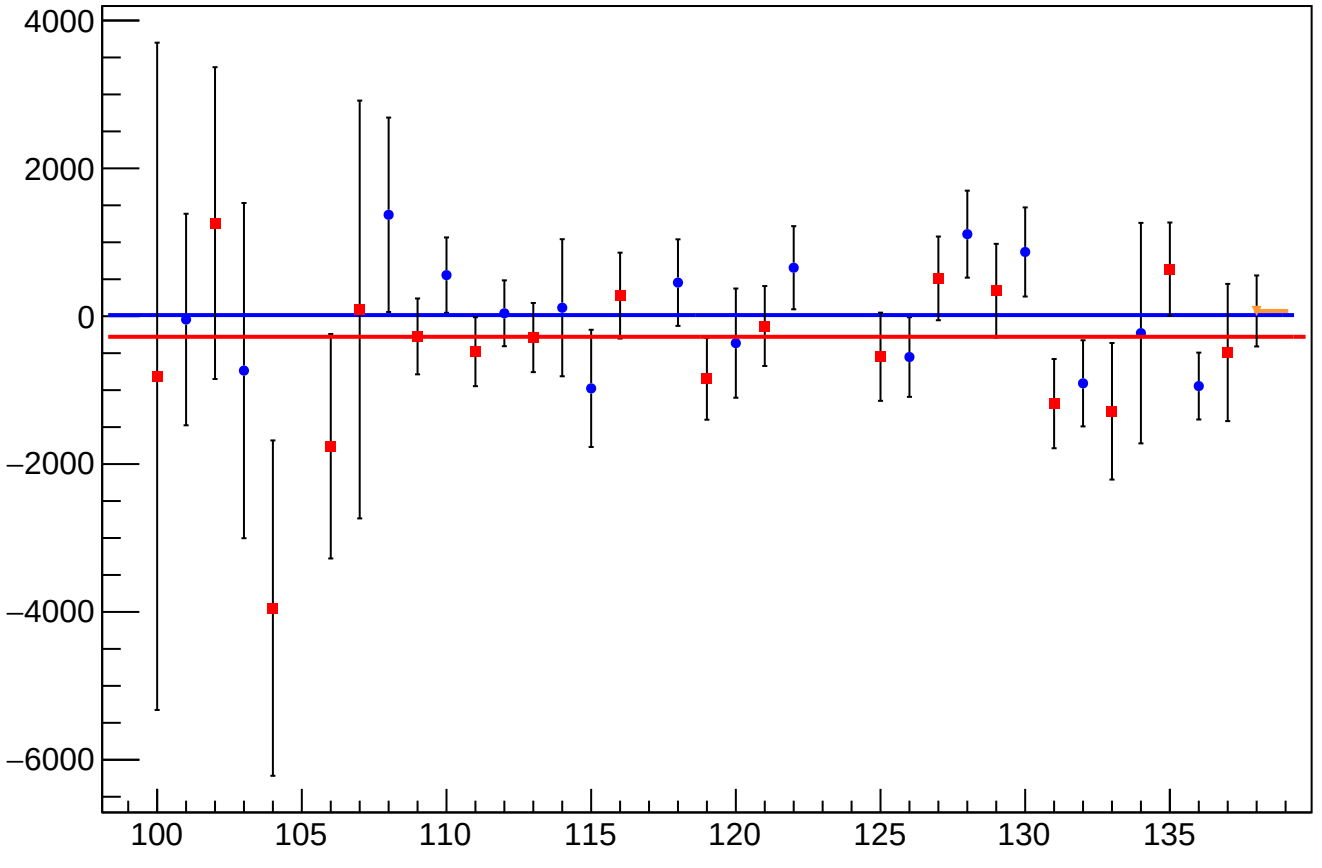
Right Out: 1133.929+/-0.305 χ^2/NDF: 227457.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1122.445+/-0.286 χ^2/NDF: 617174.6/16

All: 1127.830+/-0.209 χ^2/NDF: 845386.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 15.288+/-161.844 χ^2/NDF: 19.6/15

Left Out: 71.116+/-480.159 χ^2/NDF:0.0/0

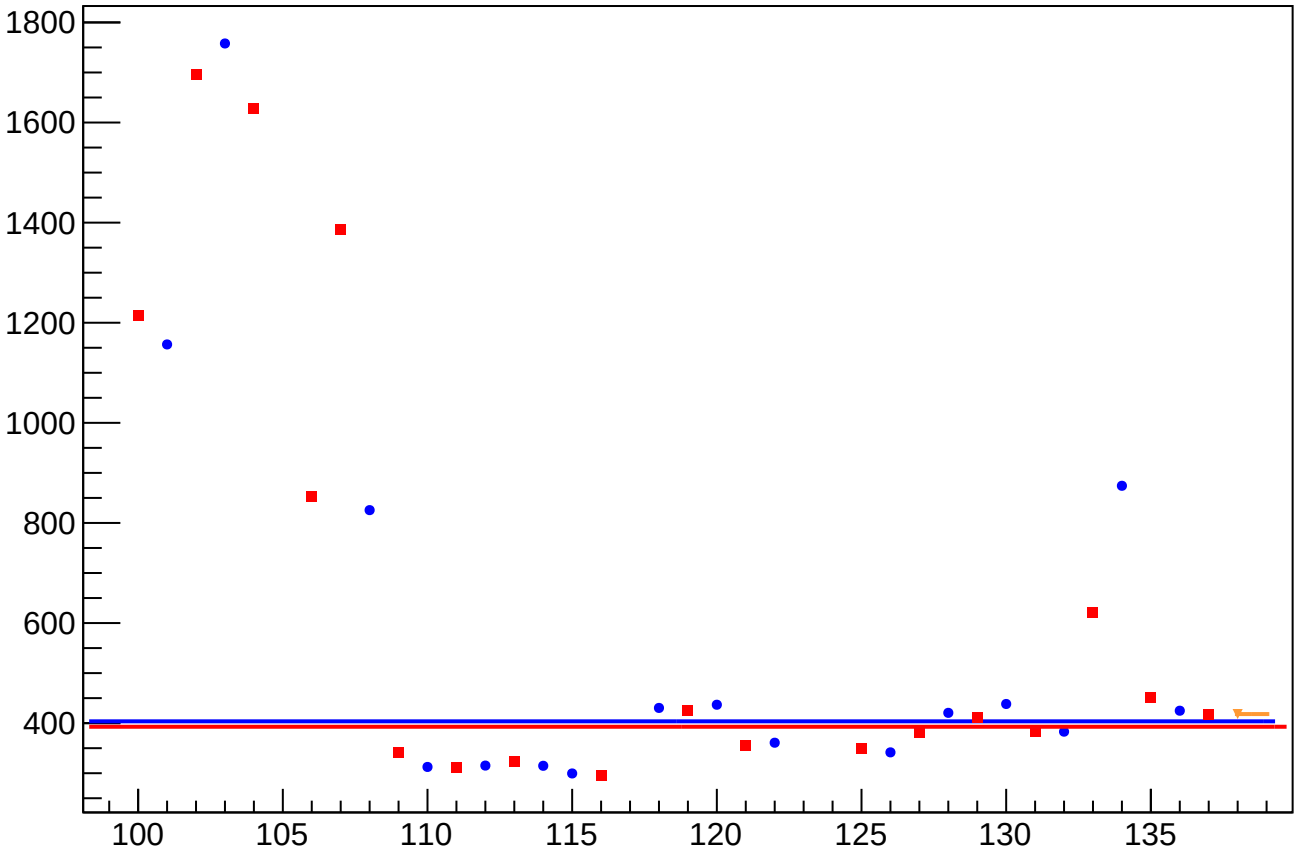
Right Out: -278.249+/-158.826 χ^2/NDF: 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.983+/-153.366 χ^2/NDF: 19.6/16

All: -123.401+/-110.326 χ^2/NDF: 36.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 403.653+/-0.114 χ^2/NDF: 1929594.3/15

Left Out: 418.183+/-0.340 χ^2/NDF:0.0/0

Right Out: 392.817+/-0.112 χ^2/NDF: 2203462.7/17

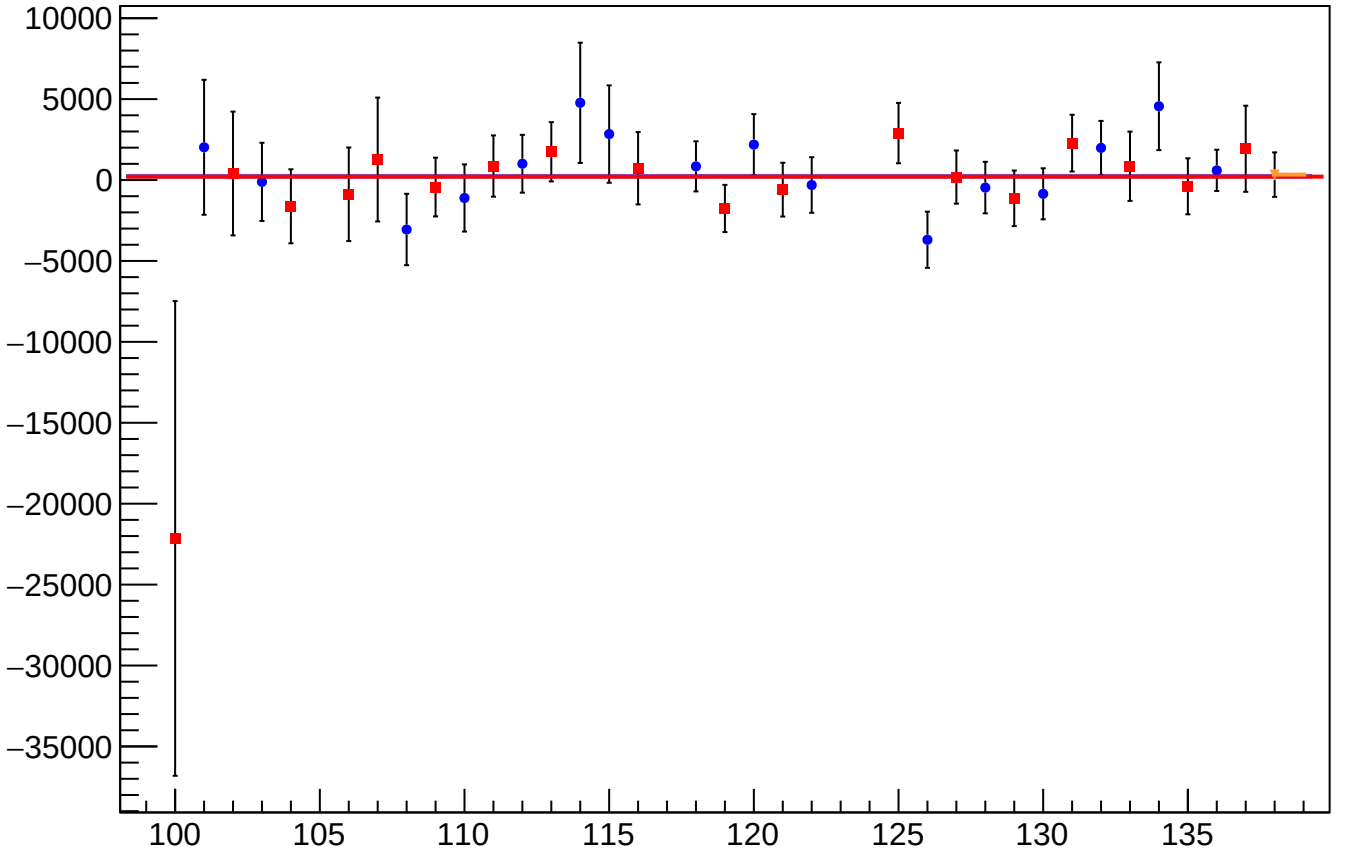
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 405.135+/-0.108 χ^2/NDF: 1931238.9/16

All: 399.192+/-0.078 χ^2/NDF: 4140926.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 224.817+/-474.559 χ^2/NDF: 16.1/15

Left Out: 333.764+/-1375.009 χ^2/NDF:0.0/0

Right Out: 209.751+/-477.820 χ^2/NDF: 11.0/17

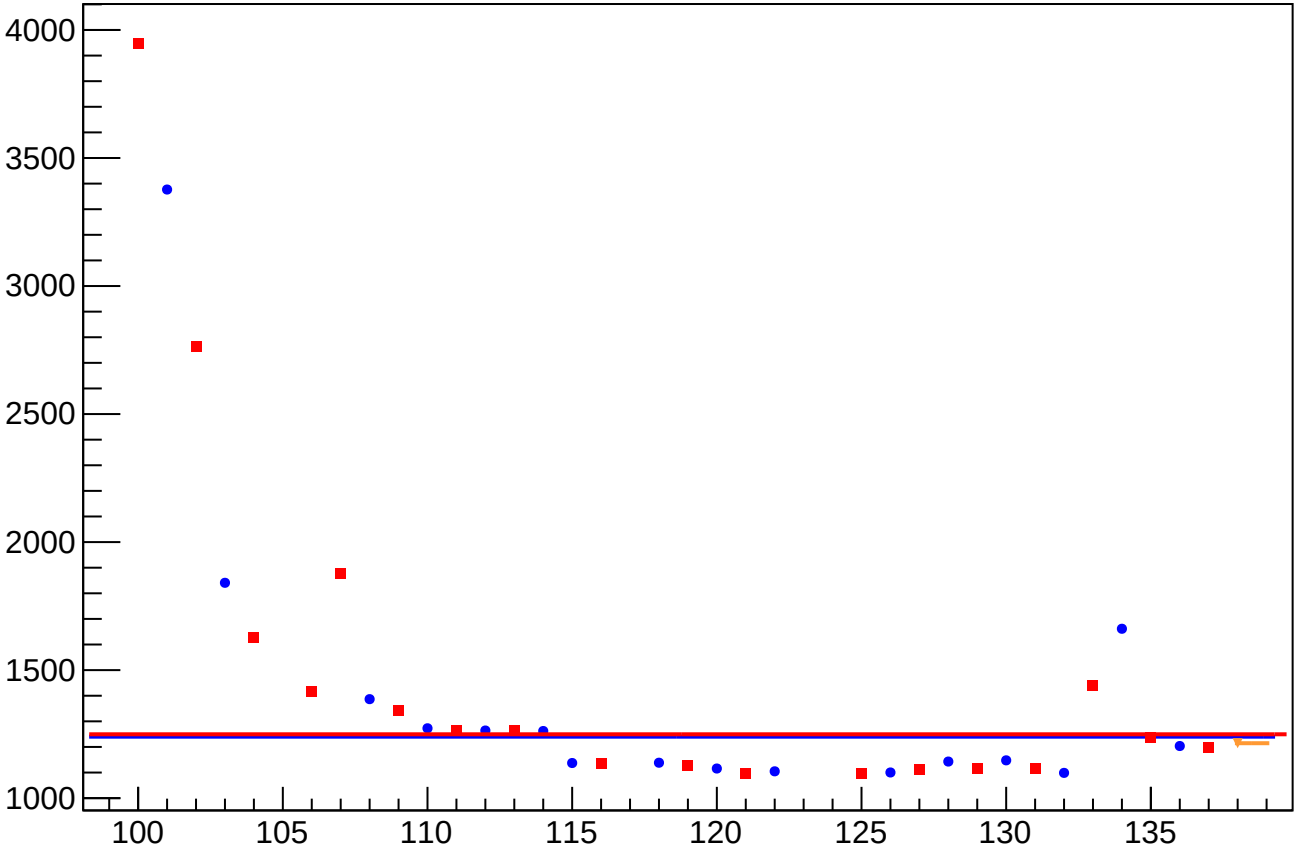
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 236.413+/-448.593 χ^2/NDF: 16.1/16

All: 223.922+/-327.048 χ^2/NDF: 27.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1240.140+/-0.336 χ^2/NDF: 782679.7/15

Left Out: 1214.553+/-0.972 χ^2/NDF:0.0/0

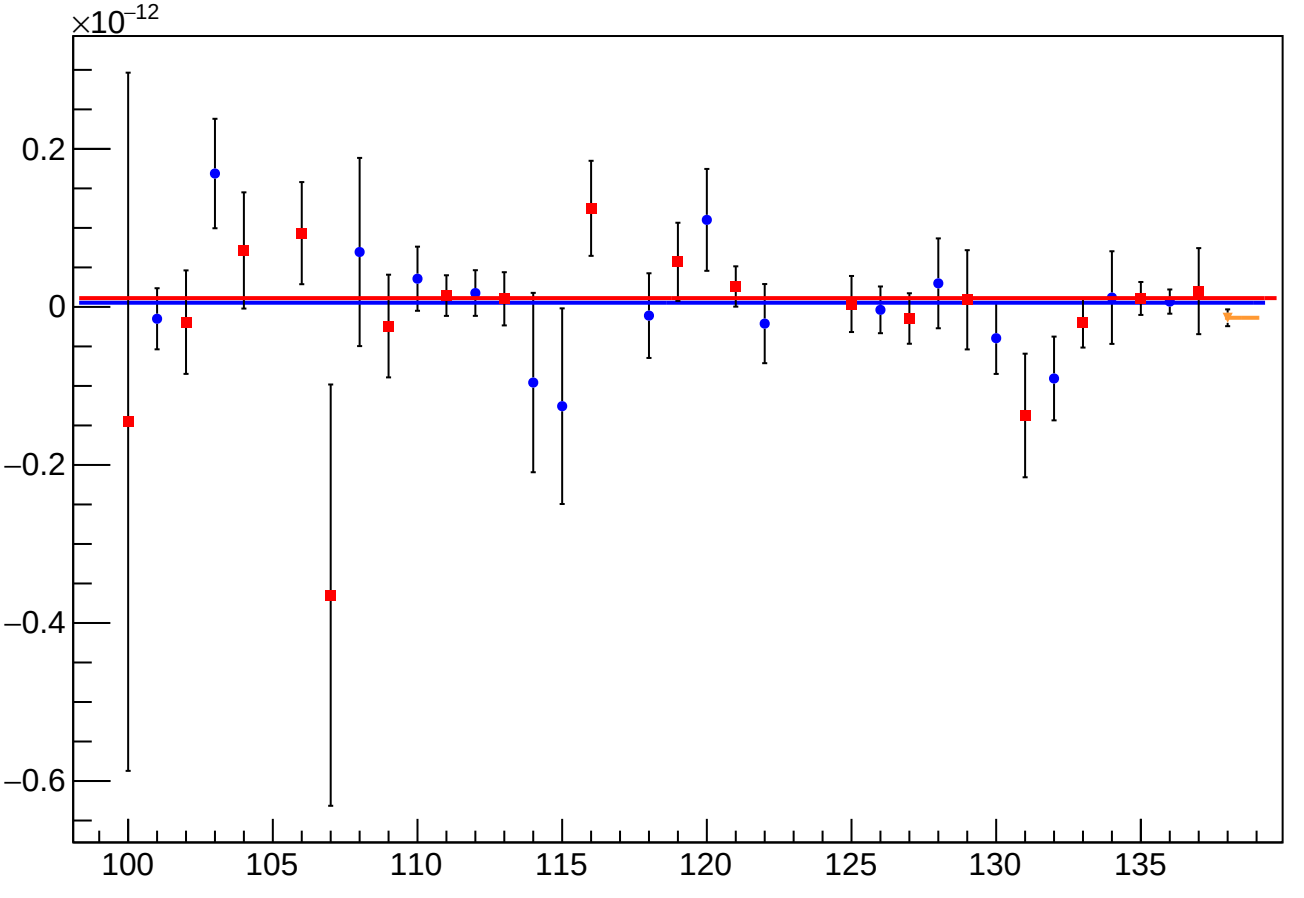
Right Out: 1249.410+/-0.338 χ^2/NDF: 606099.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1237.416+/-0.317 χ^2/NDF: 783298.6/16

All: 1243.035+/-0.231 χ^2/NDF: 1390067.6/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

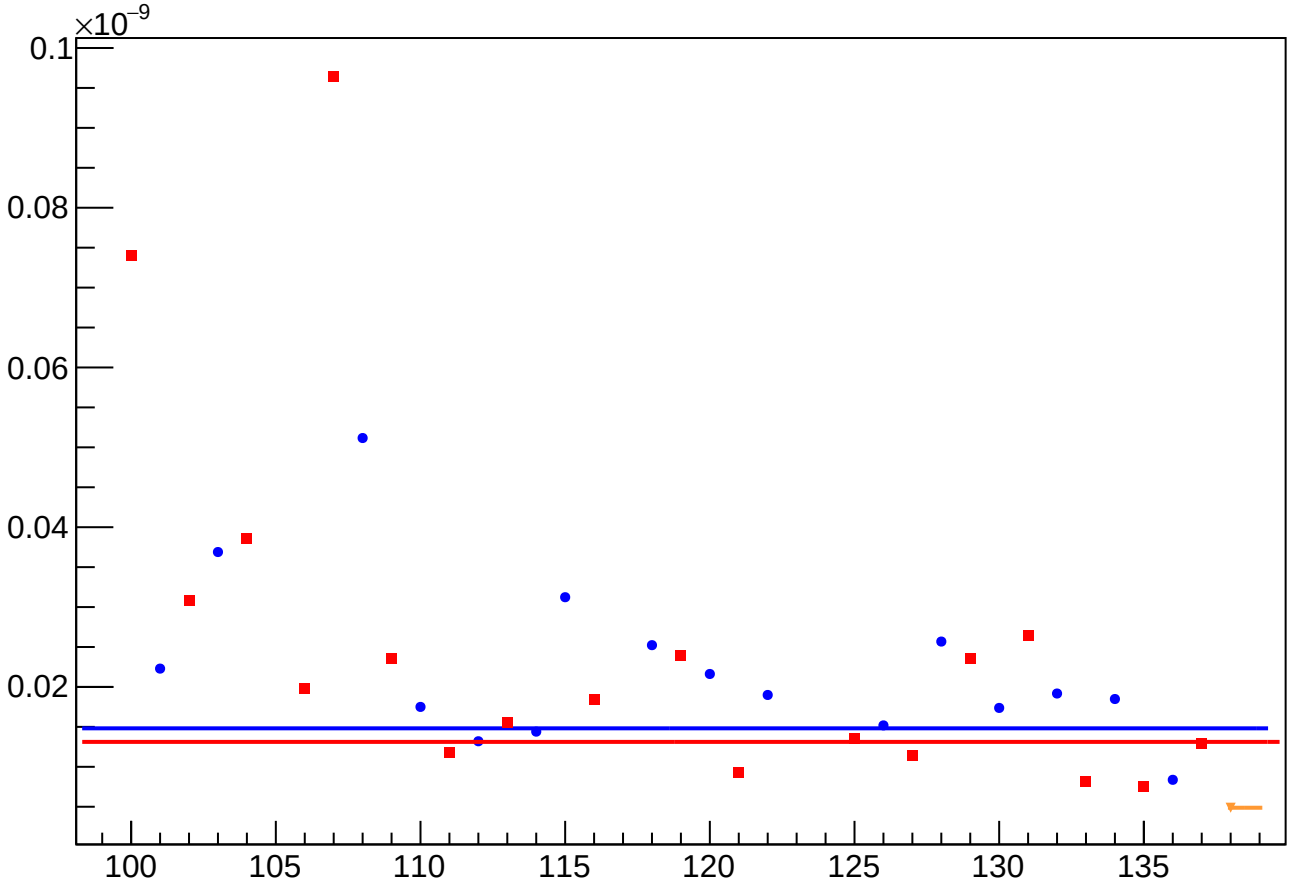
Right Out: 0.000+/-0.000 χ^2/NDF: 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.1/16

All: 0.000+/-0.000 χ^2/NDF: 34.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1081472.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

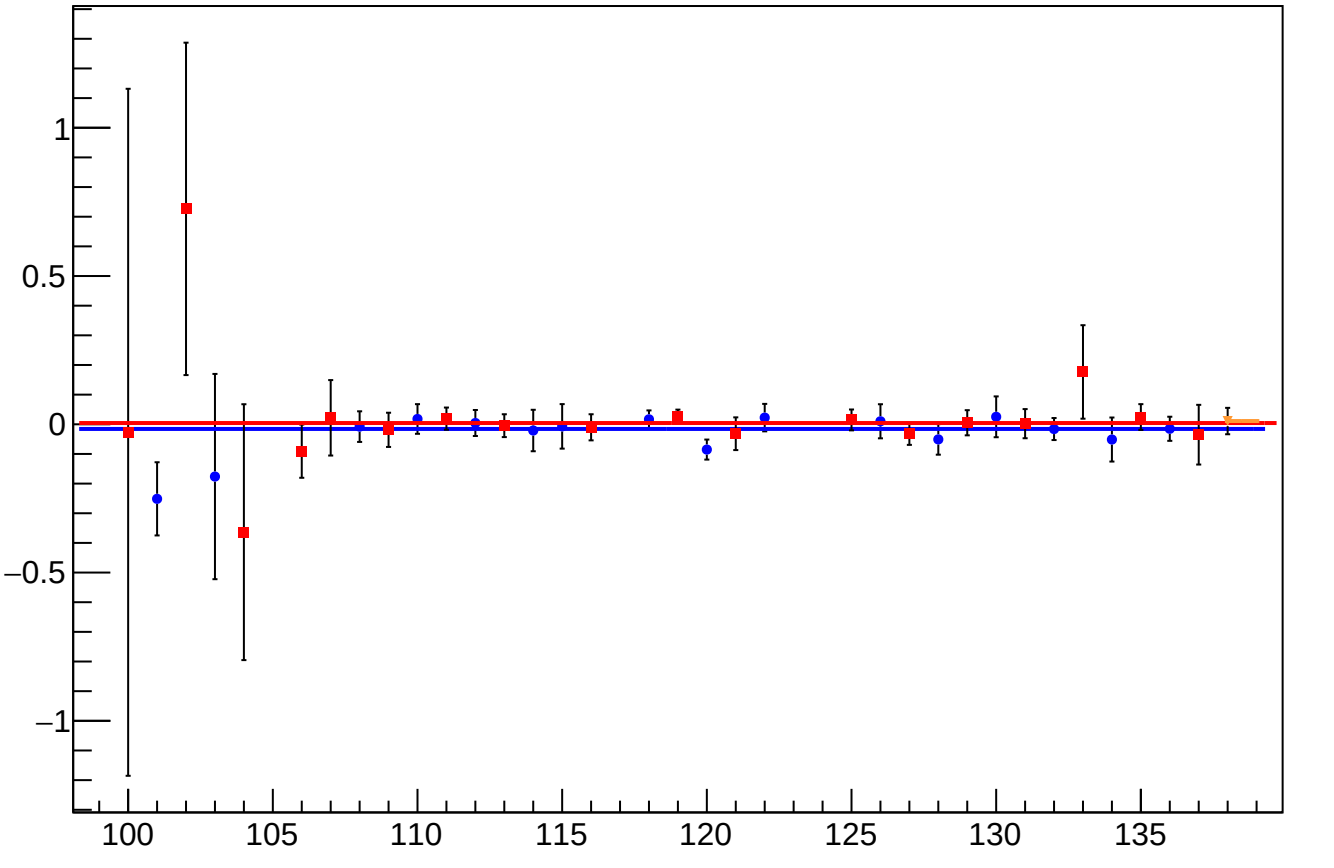
Right Out: 0.000+/-0.000 χ^2/NDF: 1181949.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2039946.2/16

All: 0.000+/-0.000 χ^2/NDF: 3334186.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 11.9/15

Left Out: 0.011+/-0.045 χ^2/NDF:0.0/0

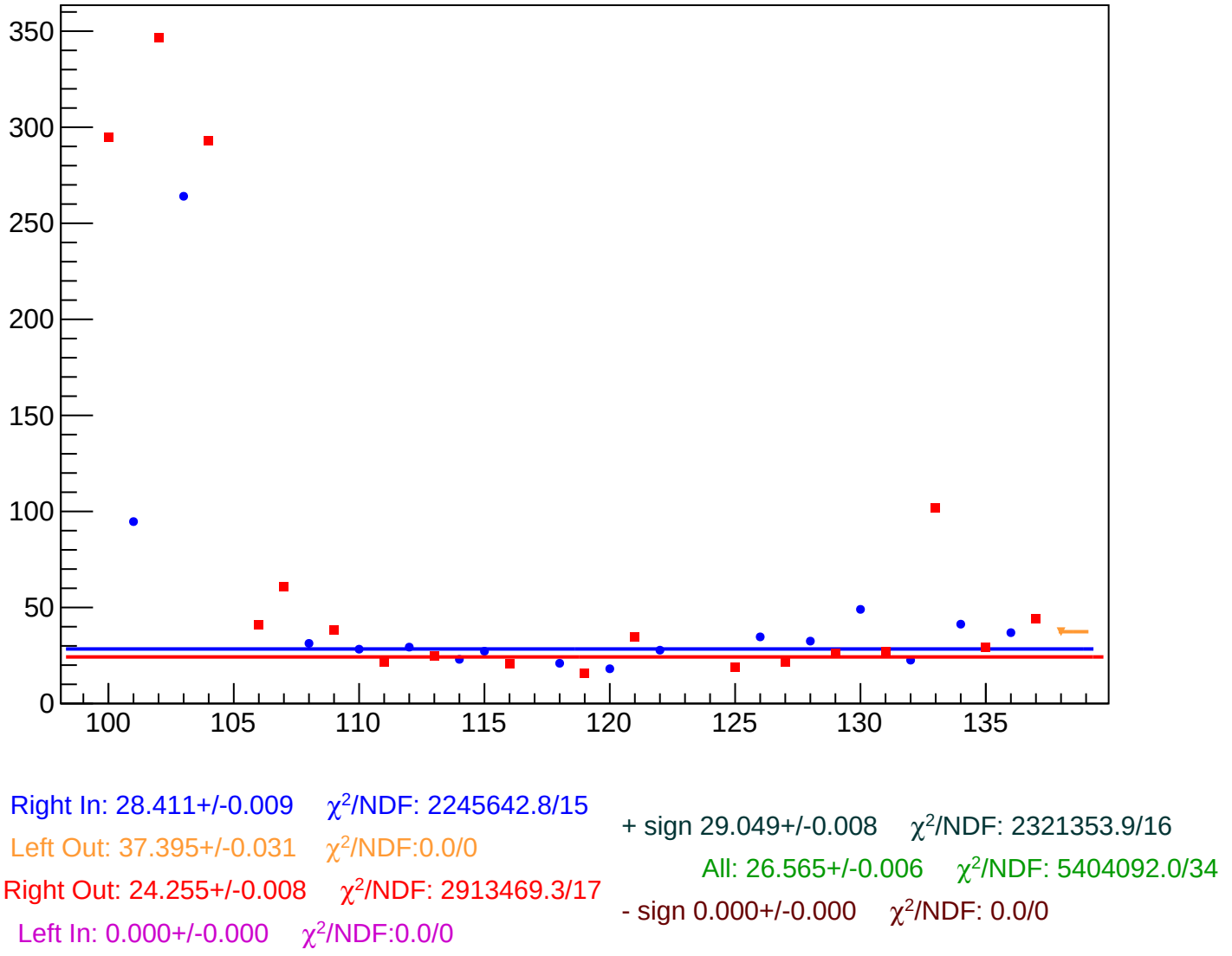
Right Out: 0.004+/-0.011 χ^2/NDF: 7.9/17

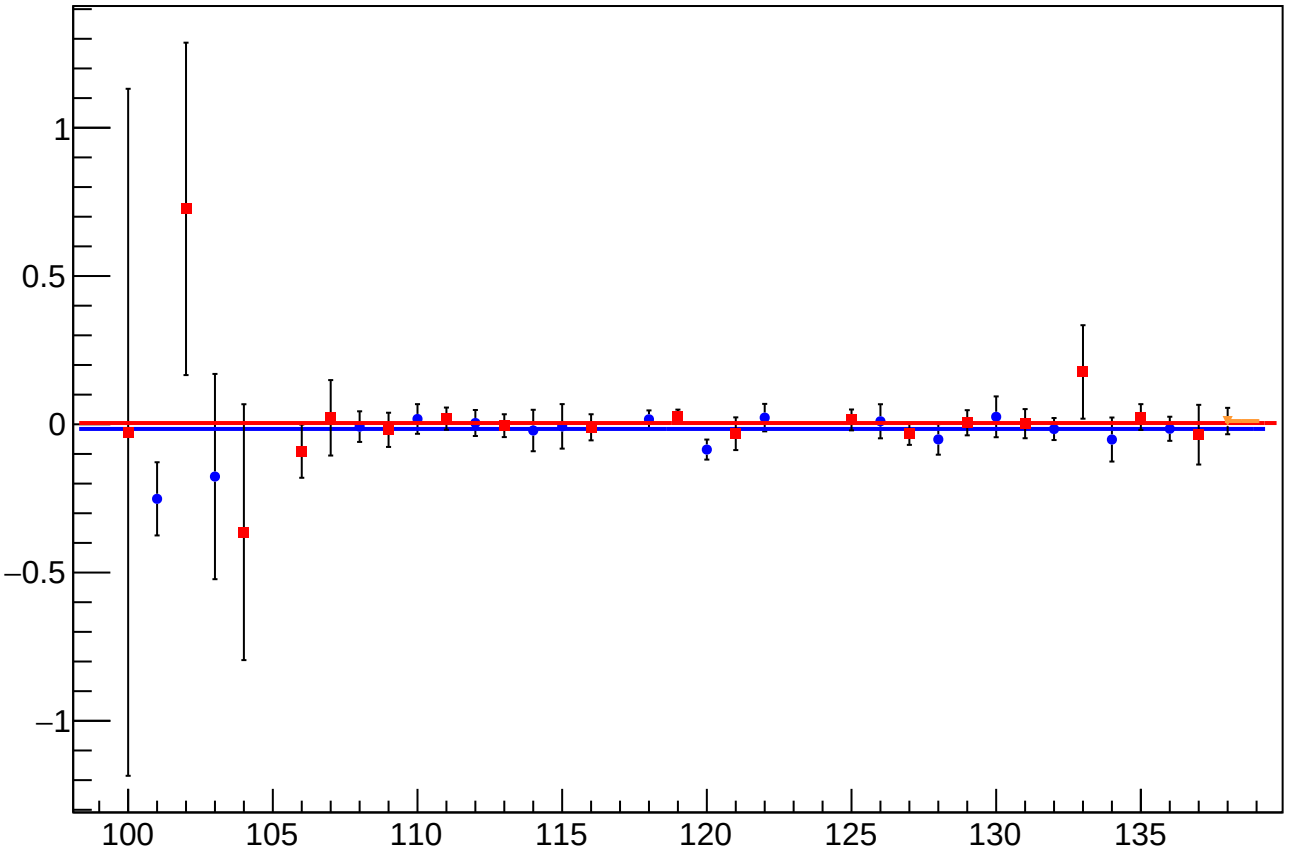
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.014+/-0.012 χ^2/NDF: 12.2/16

All: -0.004+/-0.008 χ^2/NDF: 21.3/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug
350
300
250
200
150
100
50
0
100
105
110
115
120
125
130
135
Right In: 28.411+/-0.009 χ²/NDF: 2245642.8/15
Left Out: 37.395+/-0.031 χ²/NDF:0.0/0
Right Out: 24.255+/-0.008 χ²/NDF: 2913469.3/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 29.049+/-0.008 χ²/NDF: 2321353.9/16
All: 26.565+/-0.006 χ²/NDF: 5404092.0/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 11.9/15

Left Out: 0.011+/-0.045 χ^2/NDF:0.0/0

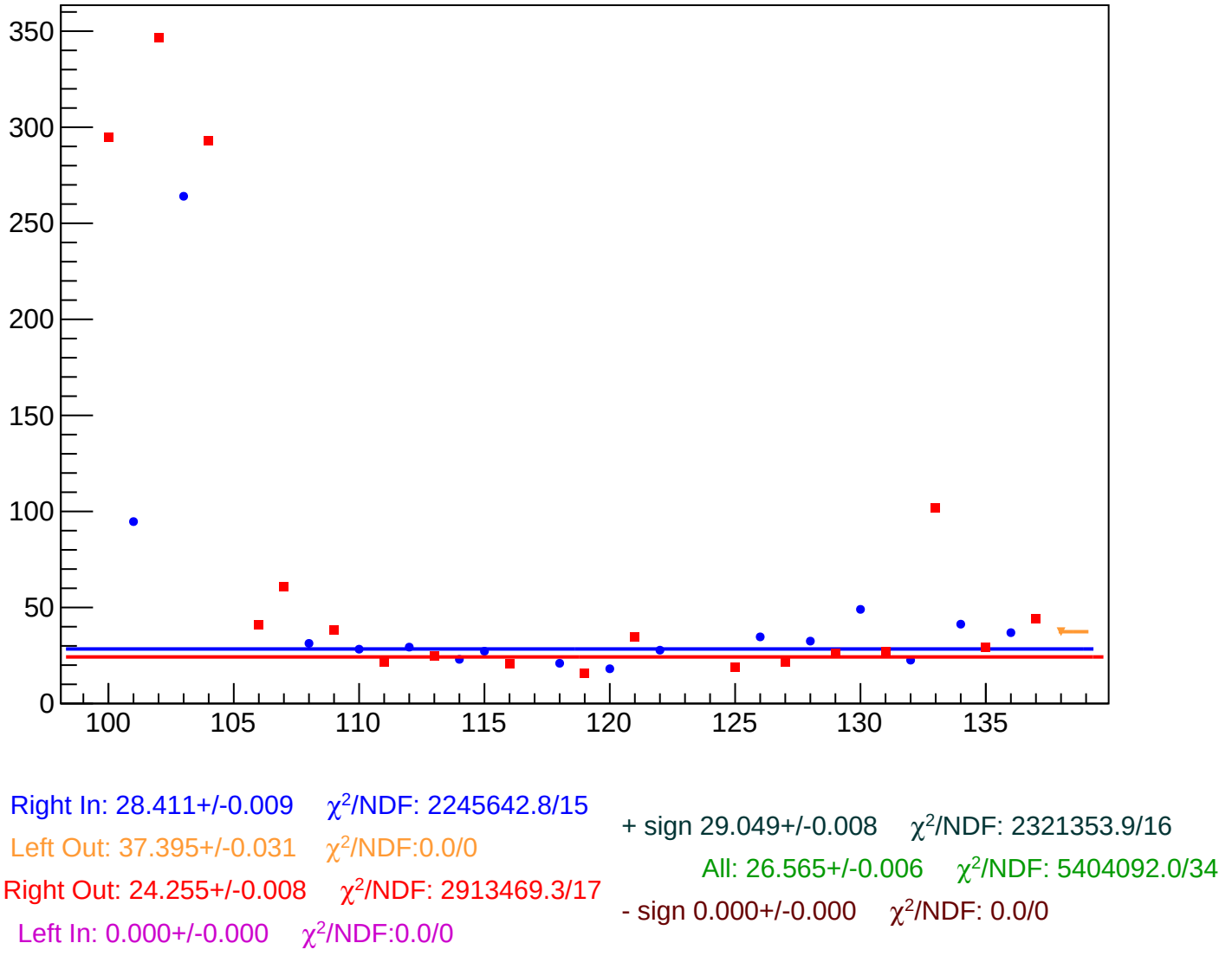
Right Out: 0.004+/-0.011 χ^2/NDF: 7.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.012 χ^2/NDF: 12.2/16

All: -0.004+/-0.008 χ^2/NDF: 21.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug
350
300
250
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150
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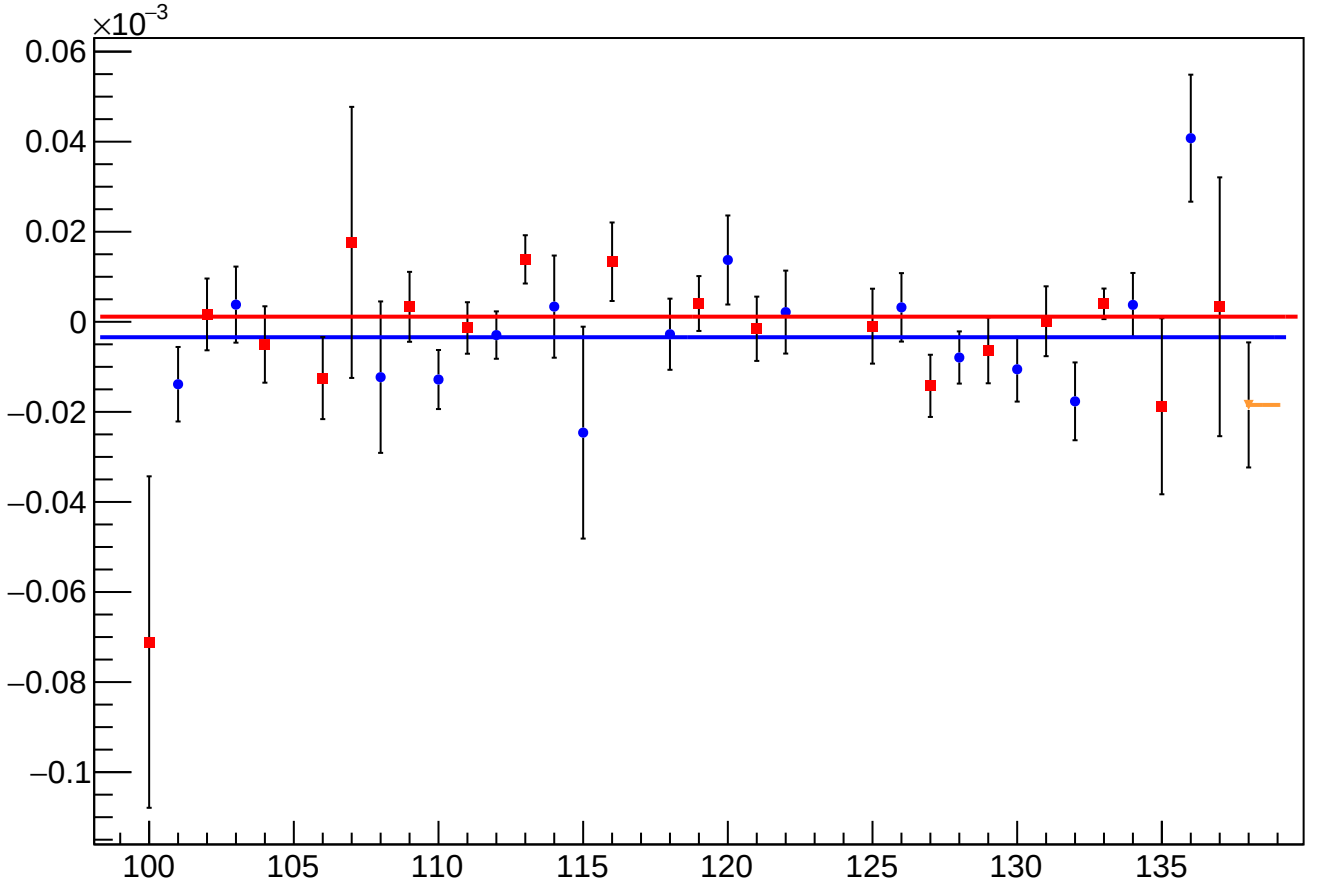
100
105
110
115
120
125
130
135
Right In: 28.411+/-0.009 χ²/NDF: 2245642.8/15
Left Out: 37.395+/-0.031 χ²/NDF:0.0/0
Right Out: 24.255+/-0.008 χ²/NDF: 2913469.3/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 29.049+/-0.008 χ²/NDF: 2321353.9/16
All: 26.565+/-0.006 χ²/NDF: 5404092.0/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 25.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

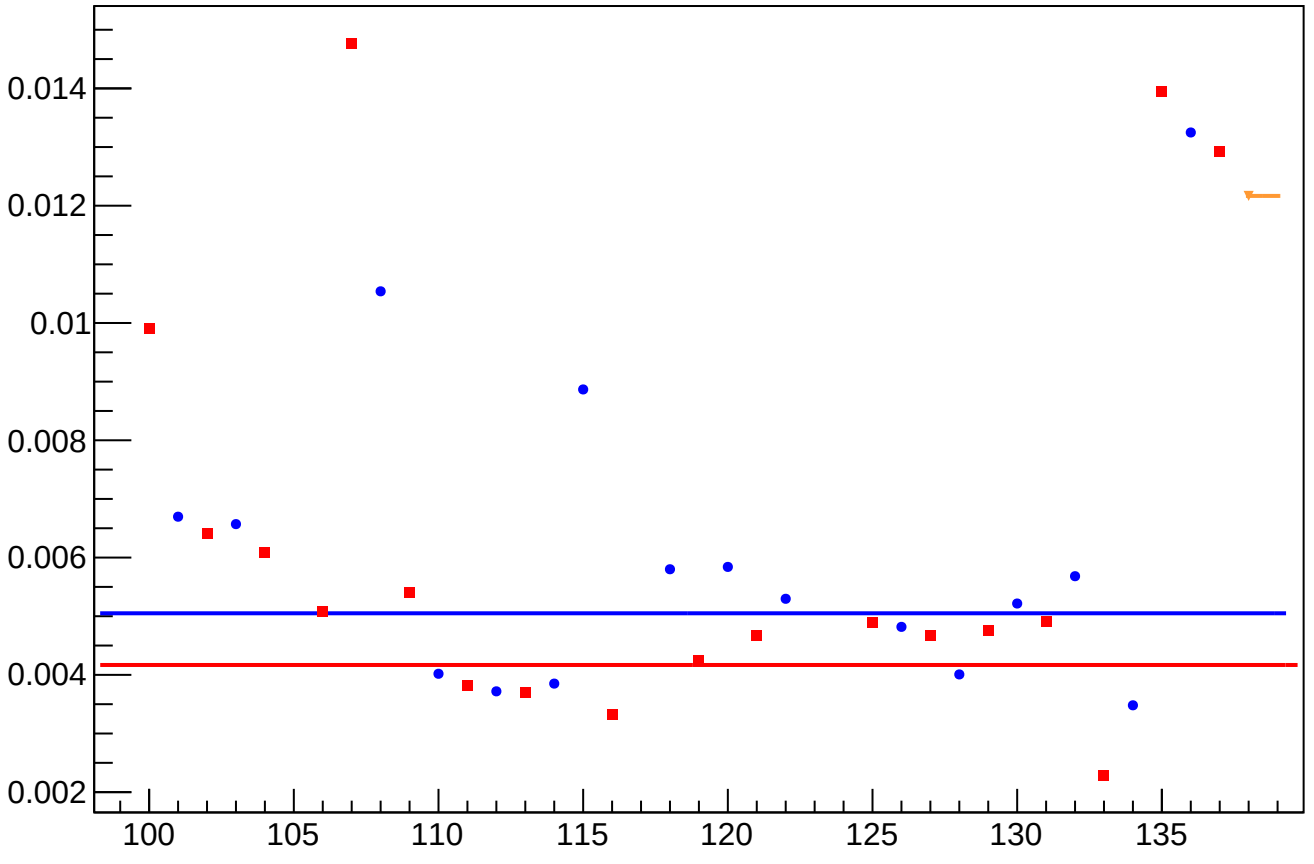
Right Out: 0.000+/-0.000 χ^2/NDF: 23.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 26.3/16

All: -0.000+/-0.000 χ^2/NDF: 52.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.005+/-0.000 χ^2/NDF: 1494215.1/15

Left Out: 0.012+/-0.000 χ^2/NDF:0.0/0

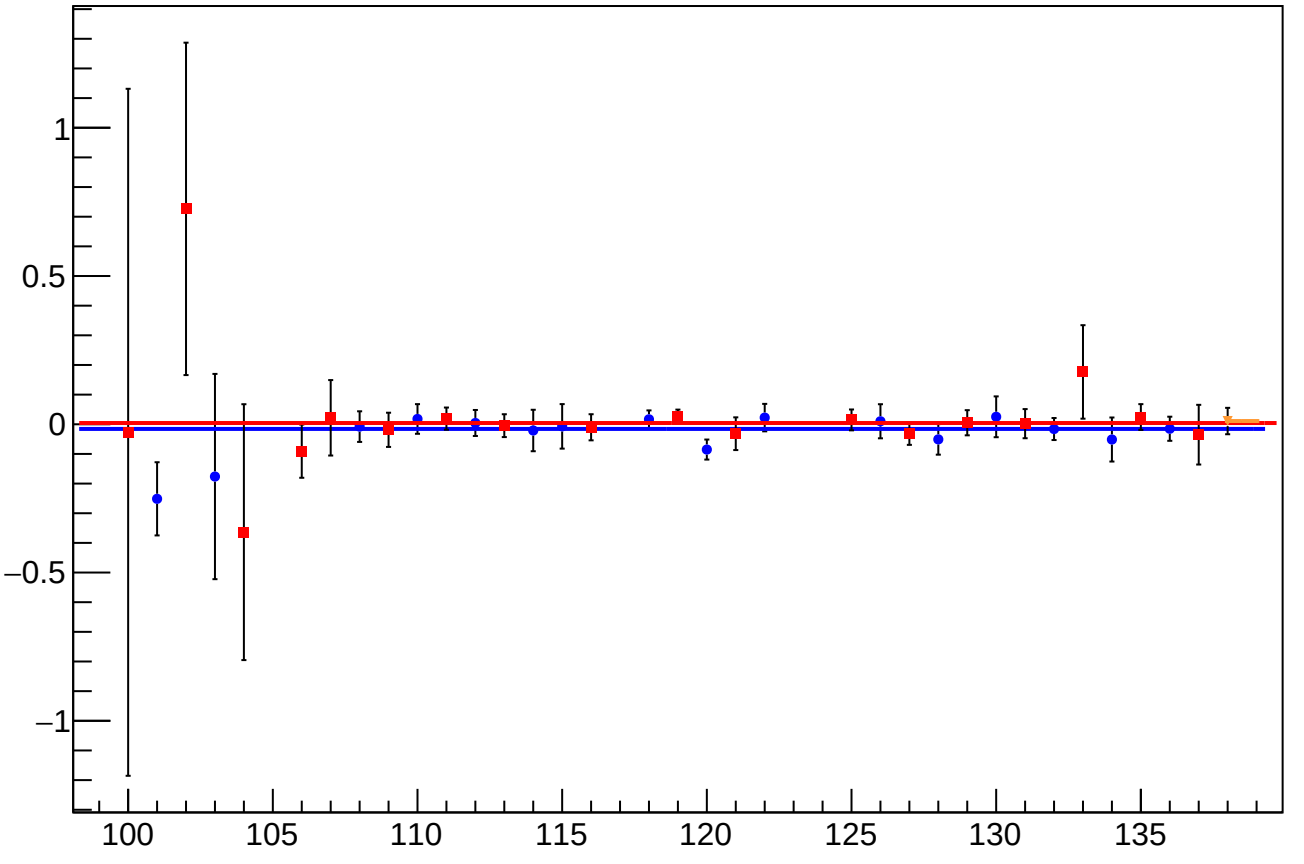
Right Out: 0.004+/-0.000 χ^2/NDF: 2041975.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.005+/-0.000 χ^2/NDF: 2008584.8/16

All: 0.005+/-0.000 χ^2/NDF: 4357845.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 11.9/15

Left Out: 0.011+/-0.045 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.011 χ^2/NDF: 7.9/17

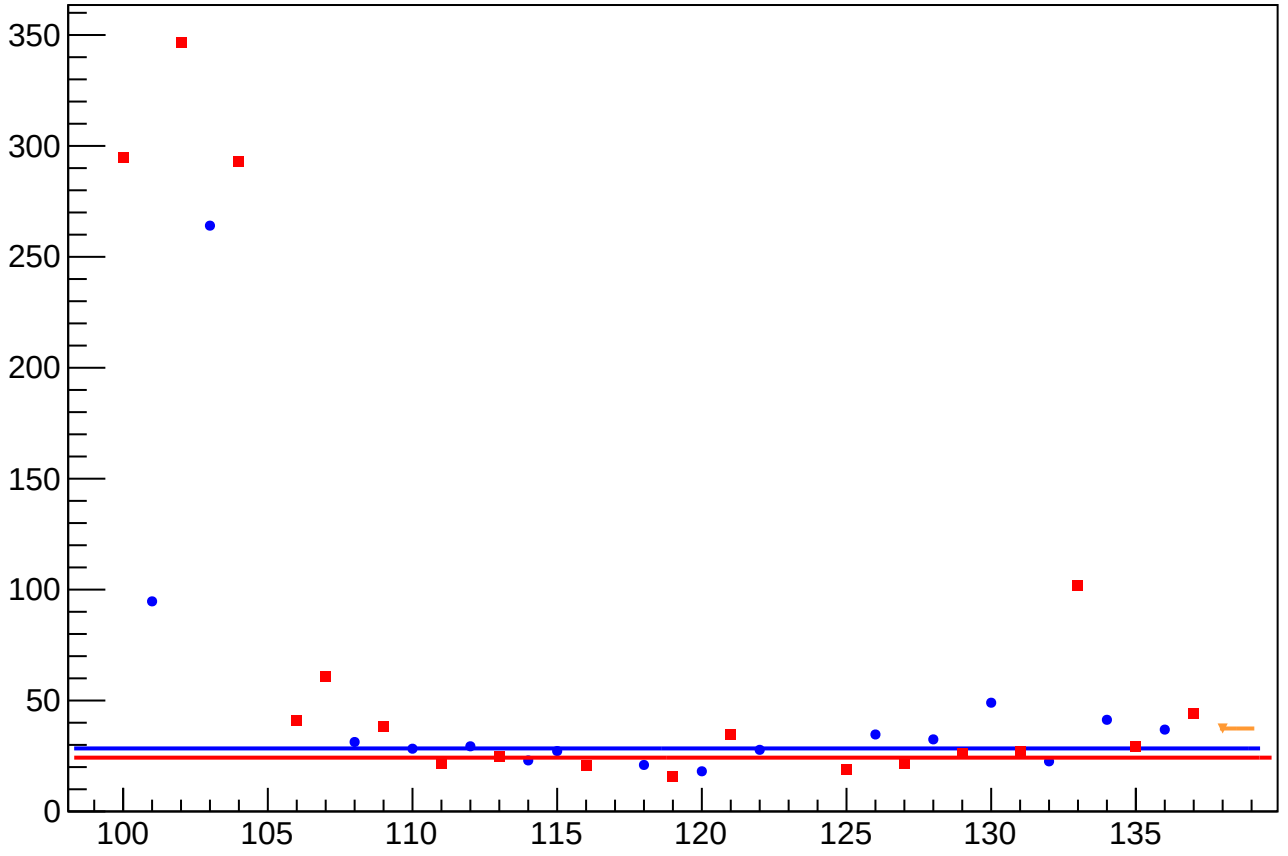
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.012 χ^2/NDF: 12.2/16

All: -0.004+/-0.008 χ^2/NDF: 21.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.411+/-0.009 χ^2/NDF: 2245663.3/15

Left Out: 37.395+/-0.031 χ^2/NDF:0.0/0

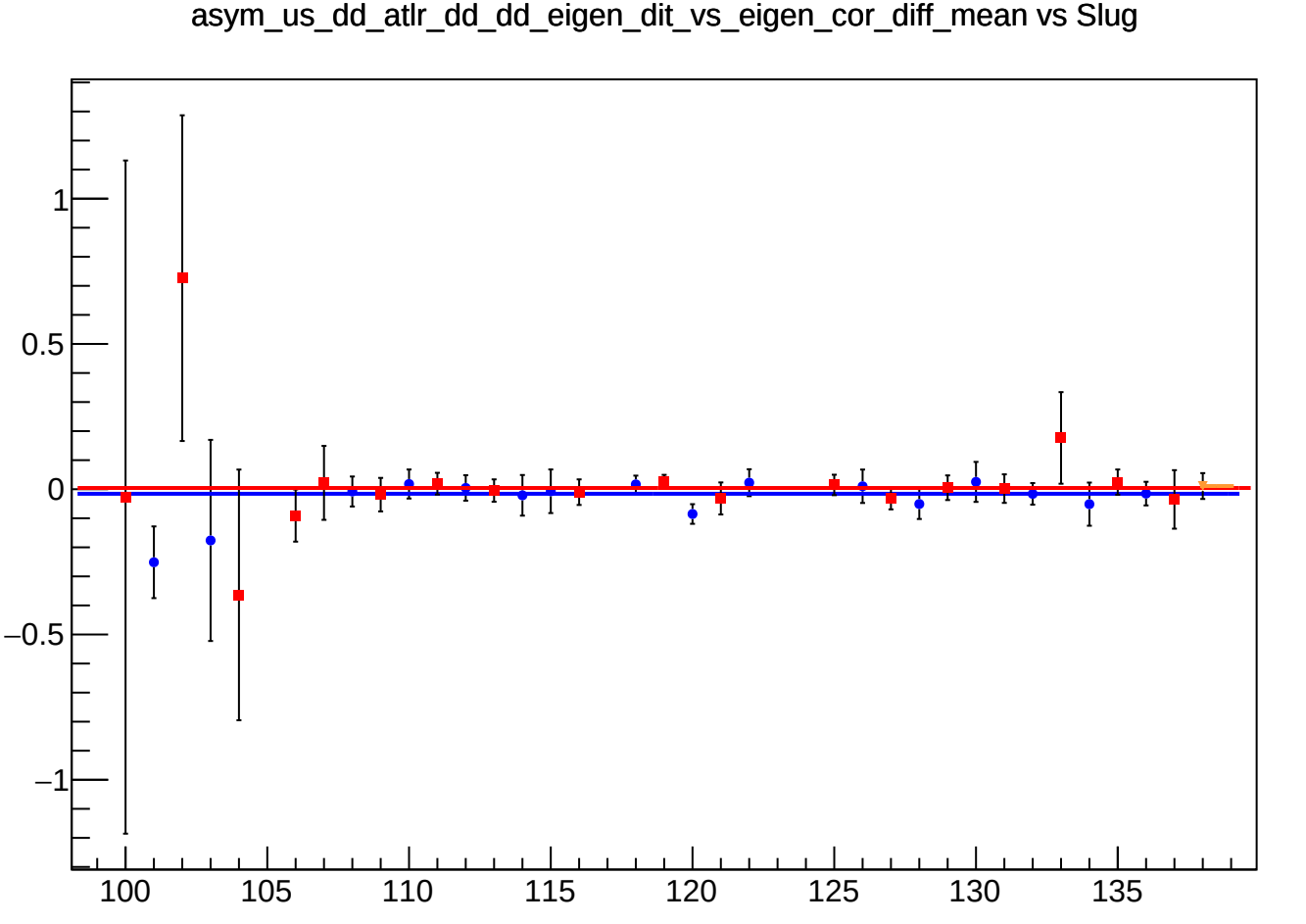
Right Out: 24.254+/-0.008 χ^2/NDF: 2913710.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.049+/-0.008 χ^2/NDF: 2321372.2/16

All: 26.564+/-0.006 χ^2/NDF: 5404467.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.016+/-0.012 χ^2/NDF: 11.9/15

Left Out: 0.011+/-0.045 χ^2/NDF:0.0/0

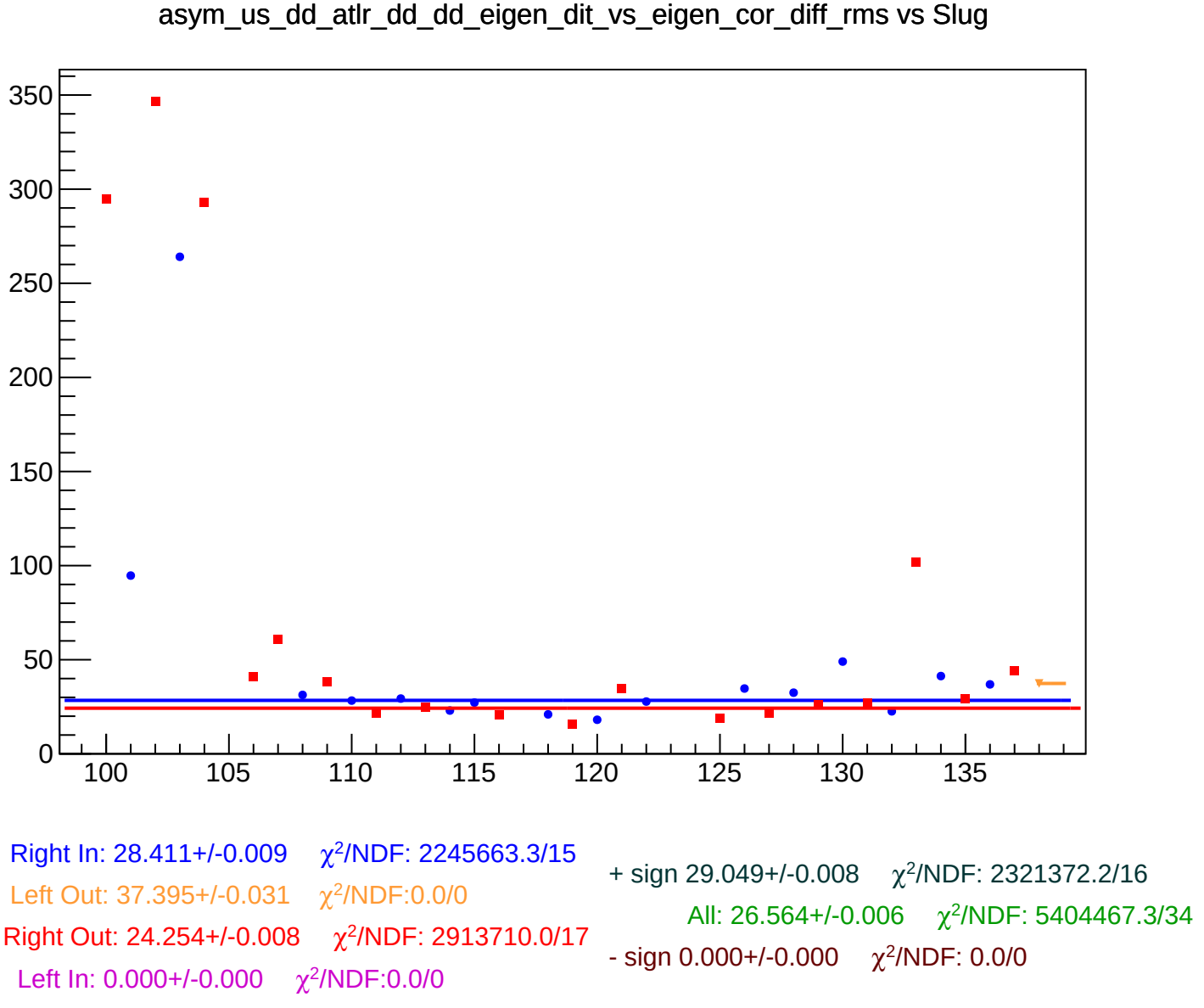
Right Out: 0.004+/-0.011 χ^2/NDF: 7.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.012 χ^2/NDF: 12.2/16

All: -0.004+/-0.008 χ^2/NDF: 21.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug
350
300
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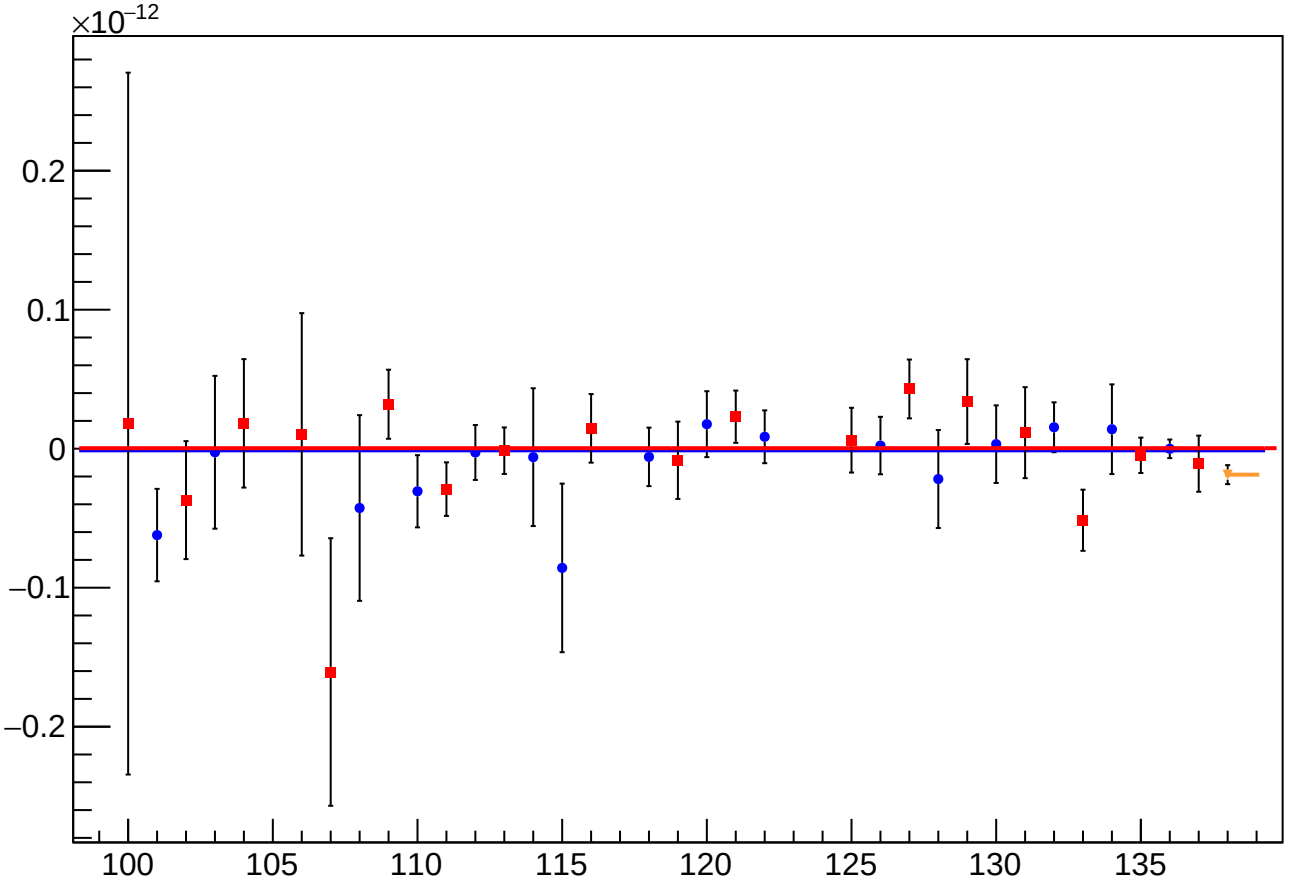
200
150
100
50
0
100
105
110
115
120
125
130
135
Right In: 28.411+/-0.009 χ²/NDF: 2245663.3/15
Left Out: 37.395+/-0.031 χ²/NDF:0.0/0
Right Out: 24.254+/-0.008 χ²/NDF: 2913710.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 29.049+/-0.008 χ²/NDF: 2321372.2/16
All: 26.564+/-0.006 χ²/NDF: 5404467.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 9.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

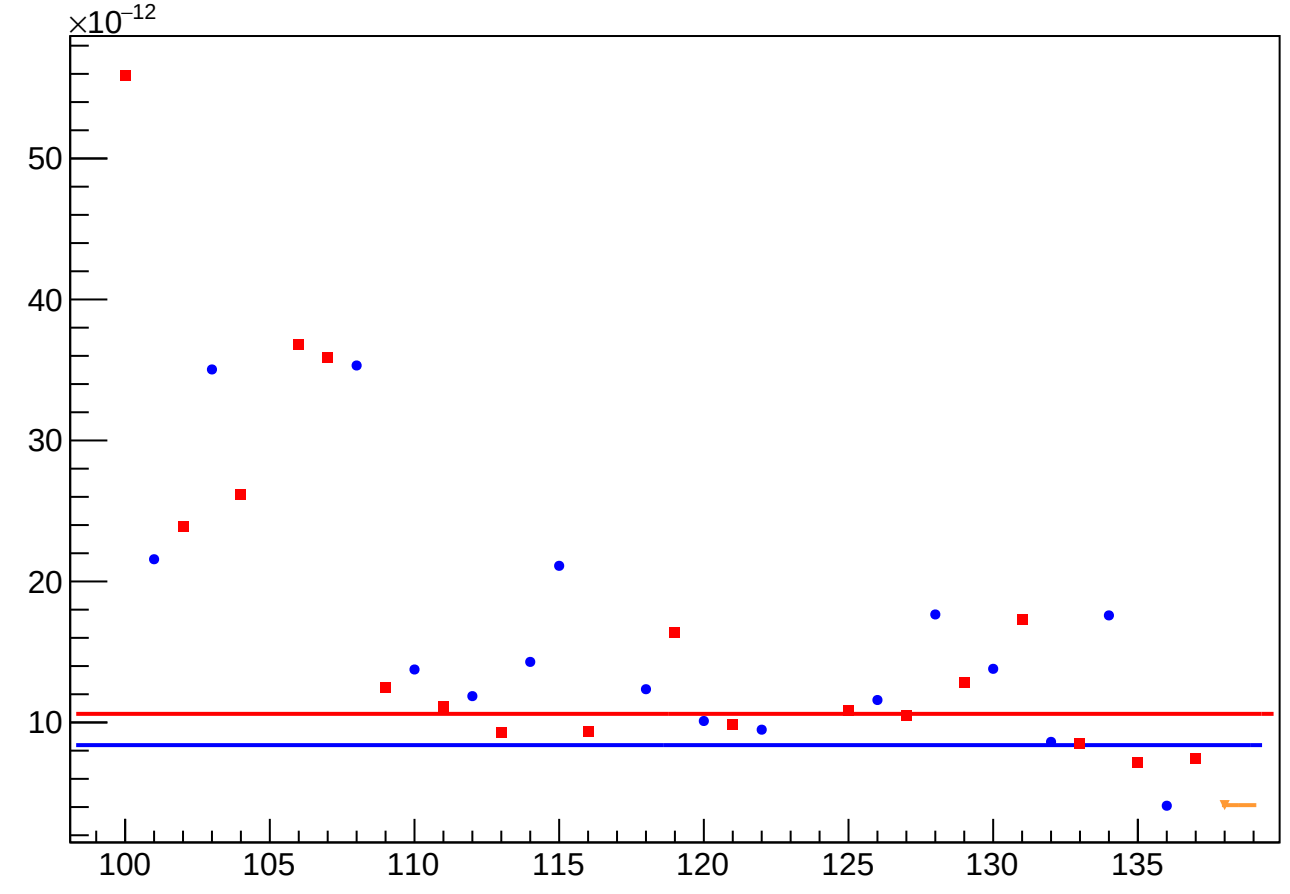
Right Out: 0.000+/-0.000 χ^2/NDF: 21.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.8/16

All: -0.000+/-0.000 χ^2/NDF: 36.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2710106.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1233909.7/17

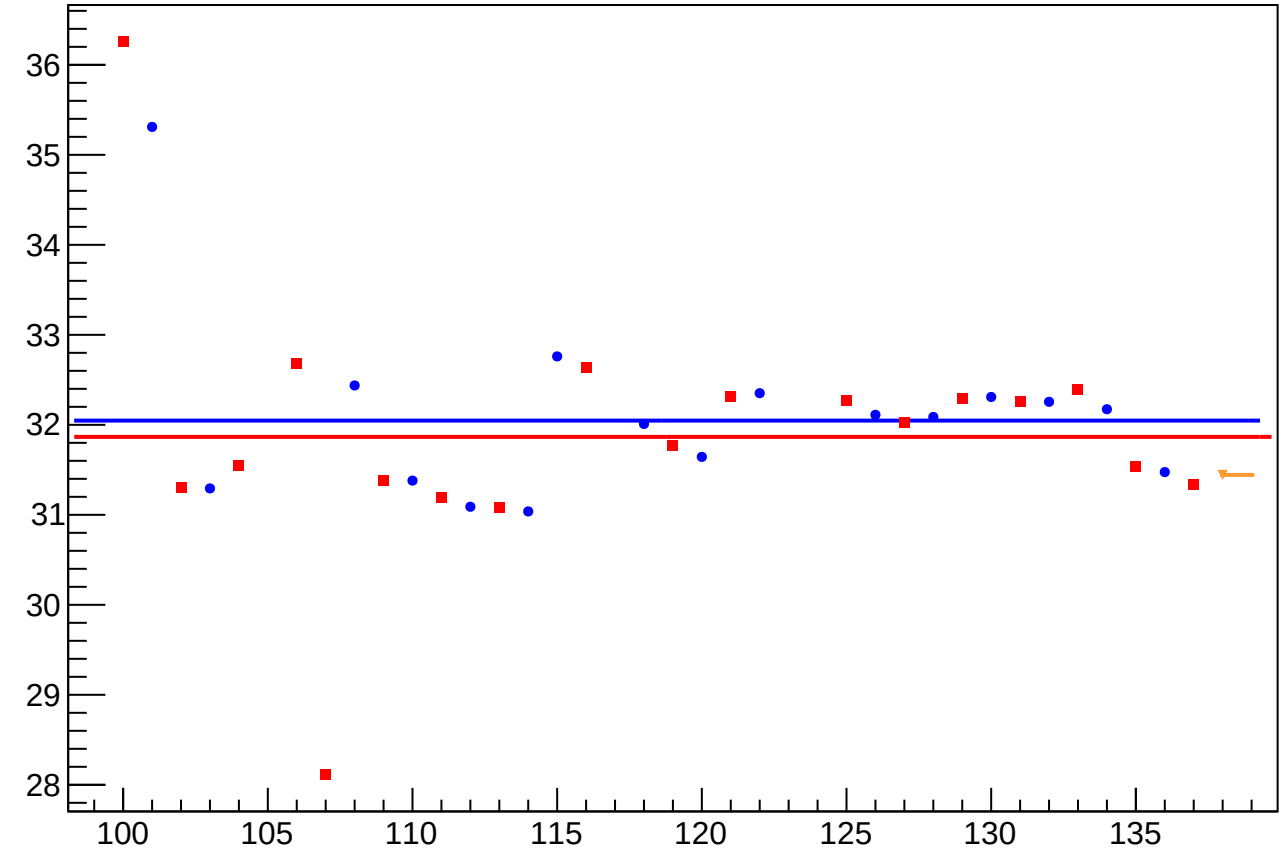
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3230285.8/16

All: 0.000+/-0.000 χ^2/NDF: 5020826.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_usl_mean vs Slug



Right In: 32.047+/-0.000 χ^2/NDF: 898593424.6/15

Left Out: 31.444+/-0.000 χ^2/NDF:0.0/0

Right Out: 31.866+/-0.000 χ^2/NDF: 485941075.6/17

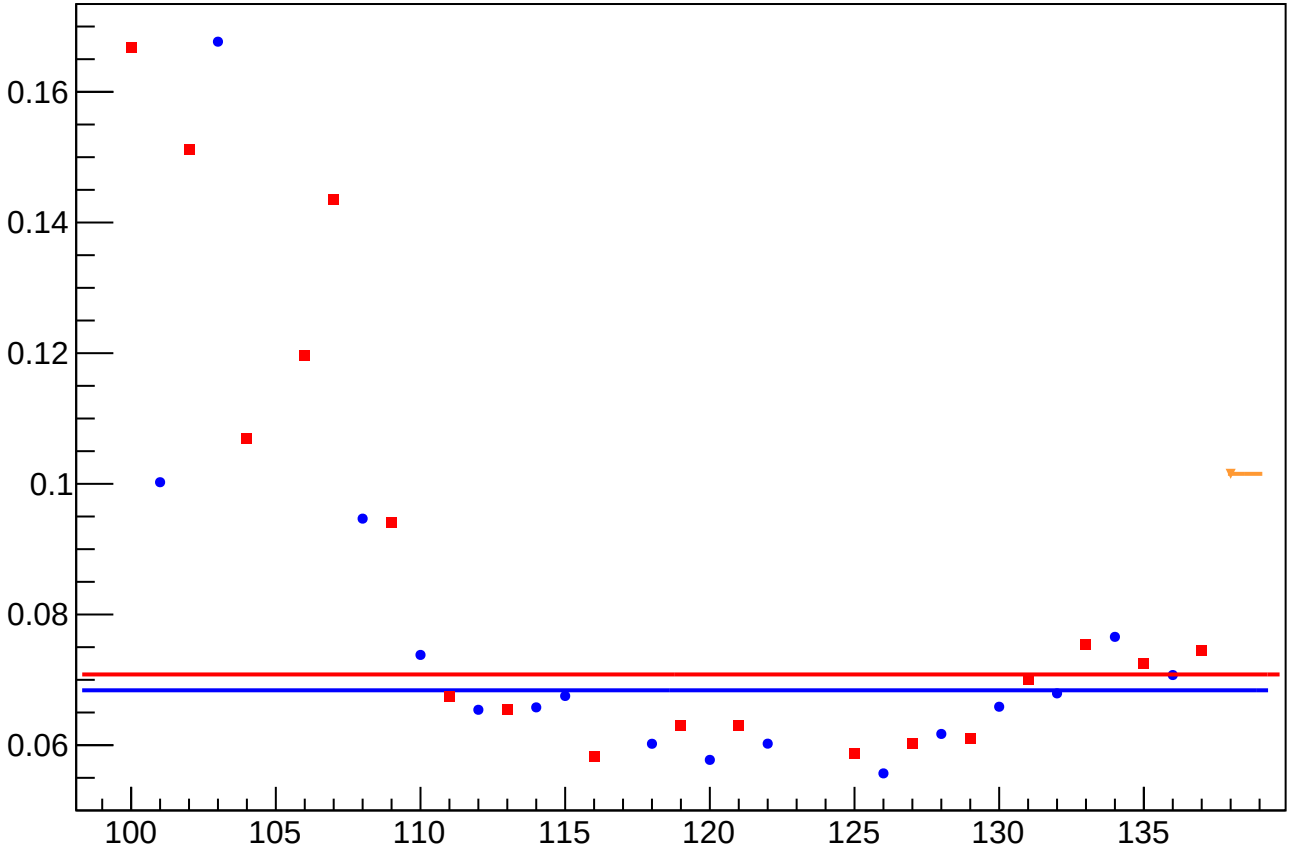
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.017+/-0.000 χ^2/NDF: 922899678.9/16

All: 31.946+/-0.000 χ^2/NDF: 1423890658.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_usl_rms vs Slug



Right In: 0.068+/-0.000 χ^2/NDF: 703207.9/15

Left Out: 0.102+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF: 868237.4/17

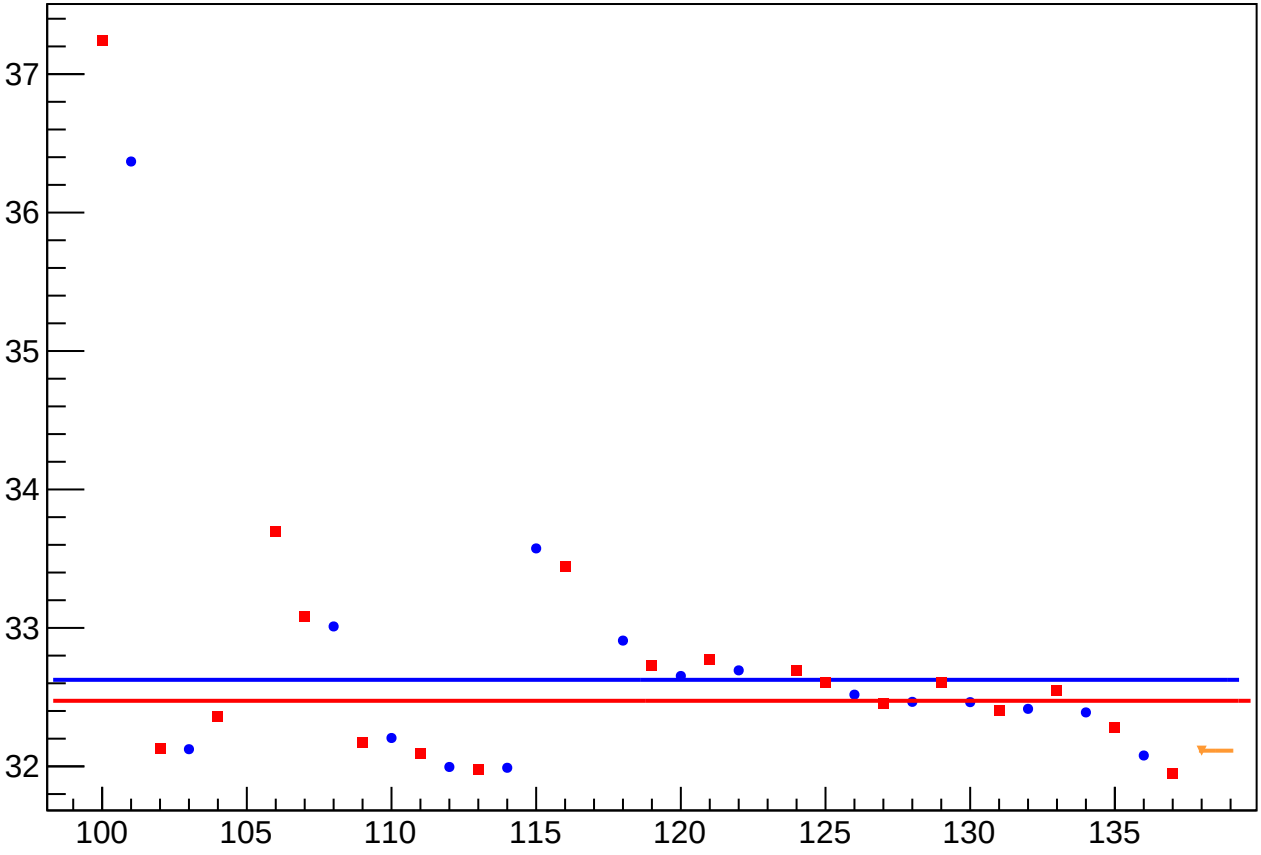
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.070+/-0.000 χ^2/NDF: 849731.5/16

All: 0.070+/-0.000 χ^2/NDF: 1718758.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_usr_mean vs Slug



Right In: 32.625+/-0.000 χ^2/NDF: 739141163.5/15

Left Out: 32.113+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.474+/-0.000 χ^2/NDF: 156801553.7/18

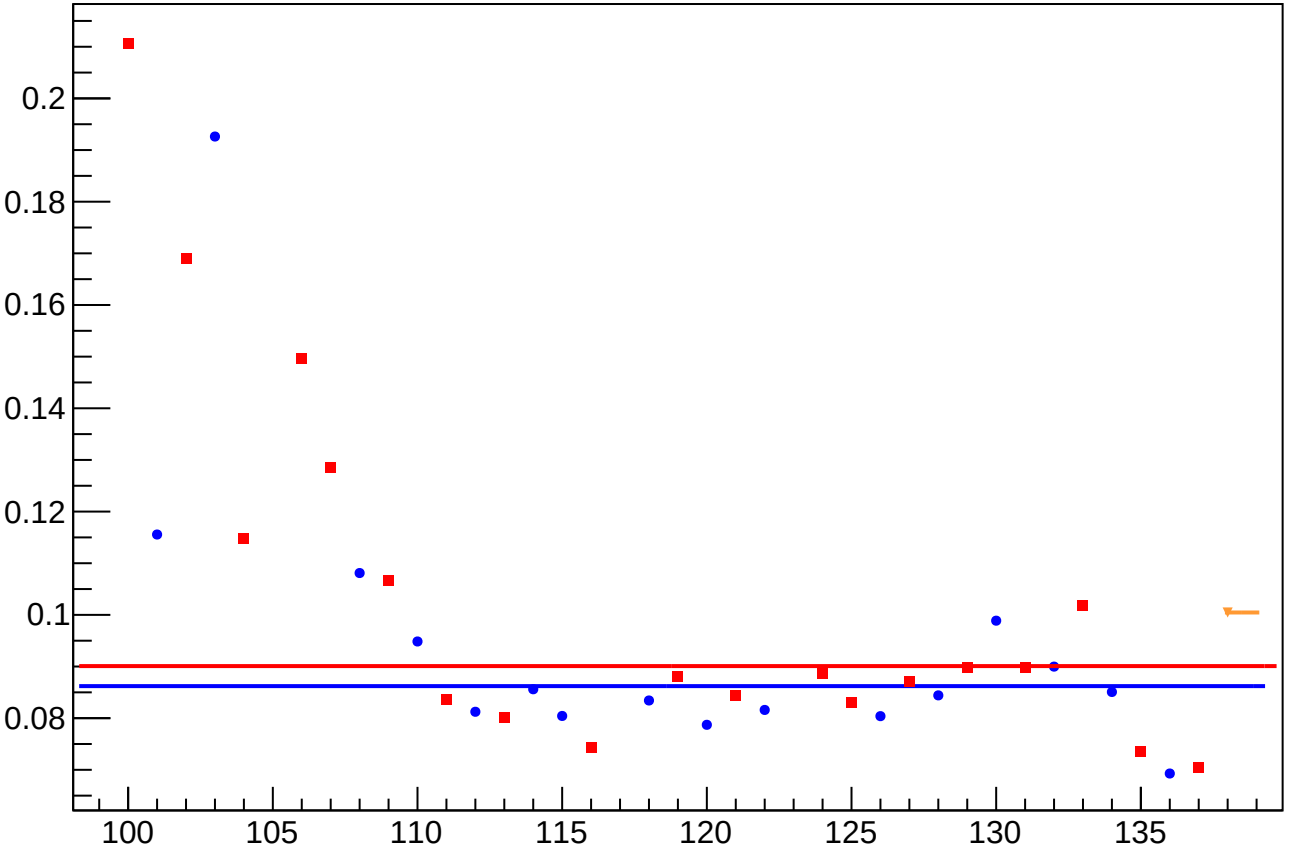
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.585+/-0.000 χ^2/NDF: 756246424.6/16

All: 32.533+/-0.000 χ^2/NDF: 918370517.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_usr_rms vs Slug



Right In: 0.086+/-0.000 χ^2/NDF: 598718.4/15

Left Out: 0.100+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.090+/-0.000 χ^2/NDF: 621848.1/18

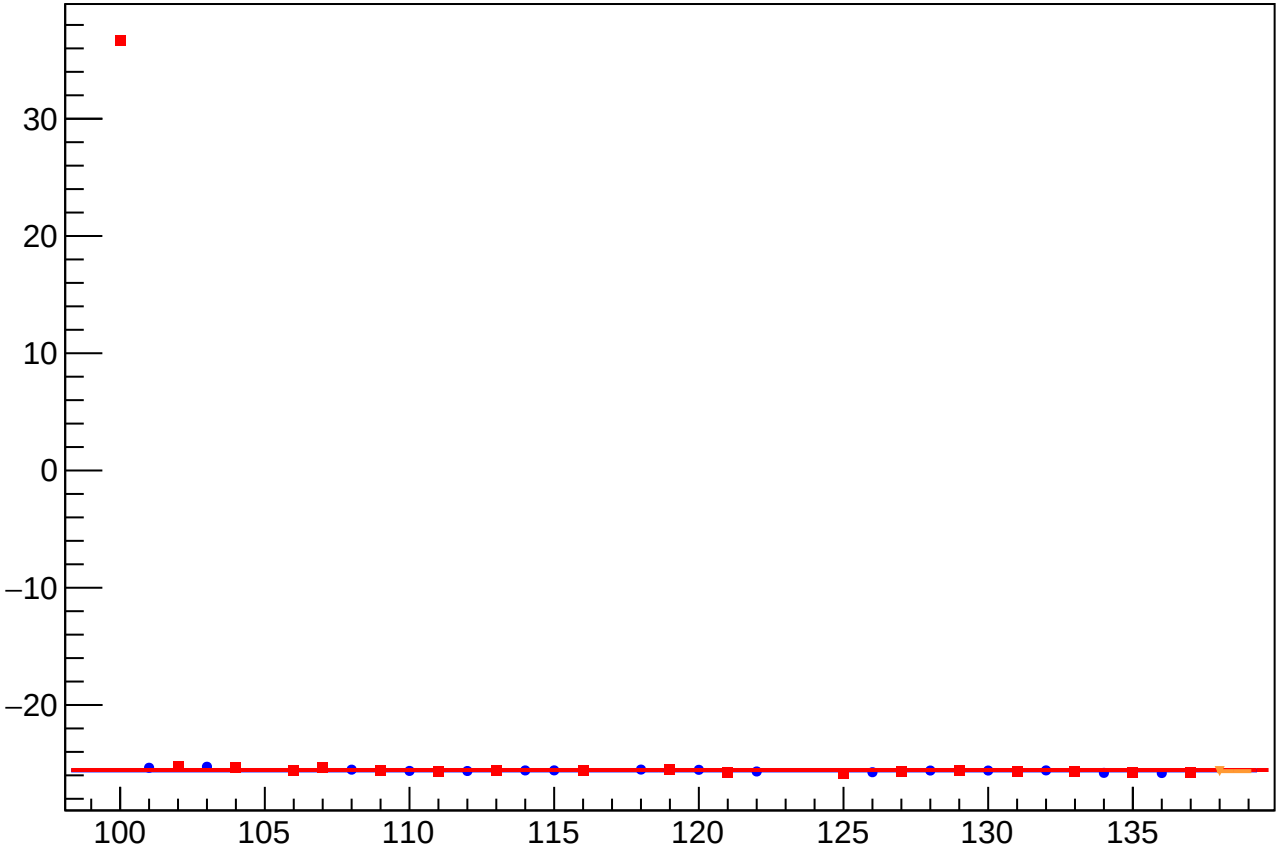
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.087+/-0.000 χ^2/NDF: 625275.6/16

All: 0.089+/-0.000 χ^2/NDF: 1253672.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_dsl_mean vs Slug



Right In: -25.579+/-0.000 χ^2/NDF: 98389255.1/15

Left Out: -25.642+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.544+/-0.000 χ^2/NDF: 8907540506.8/17

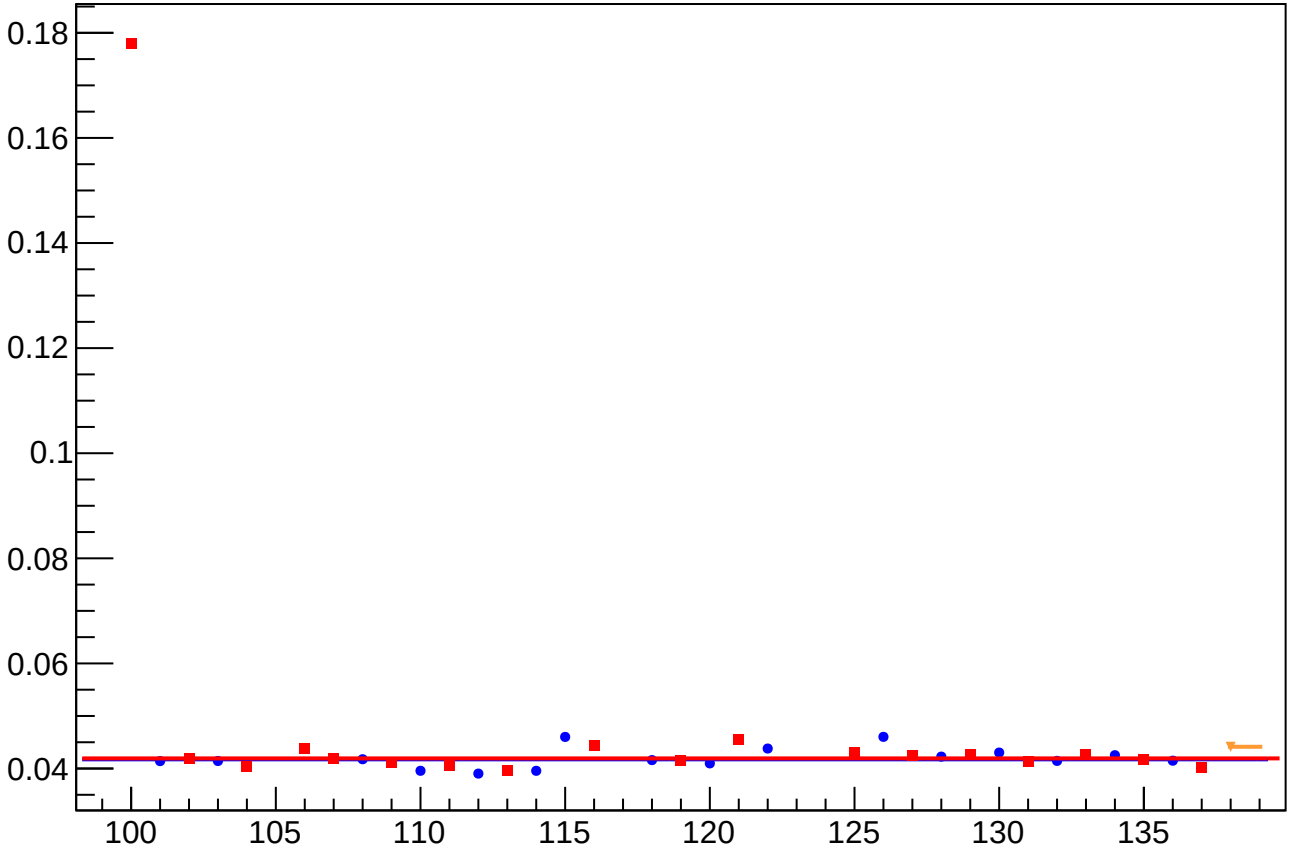
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -25.584+/-0.000 χ^2/NDF: 99799931.0/16

All: -25.565+/-0.000 χ^2/NDF: 9010905776.7/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF: 20733.3/15

Left Out: 0.044+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF: 100140.4/17

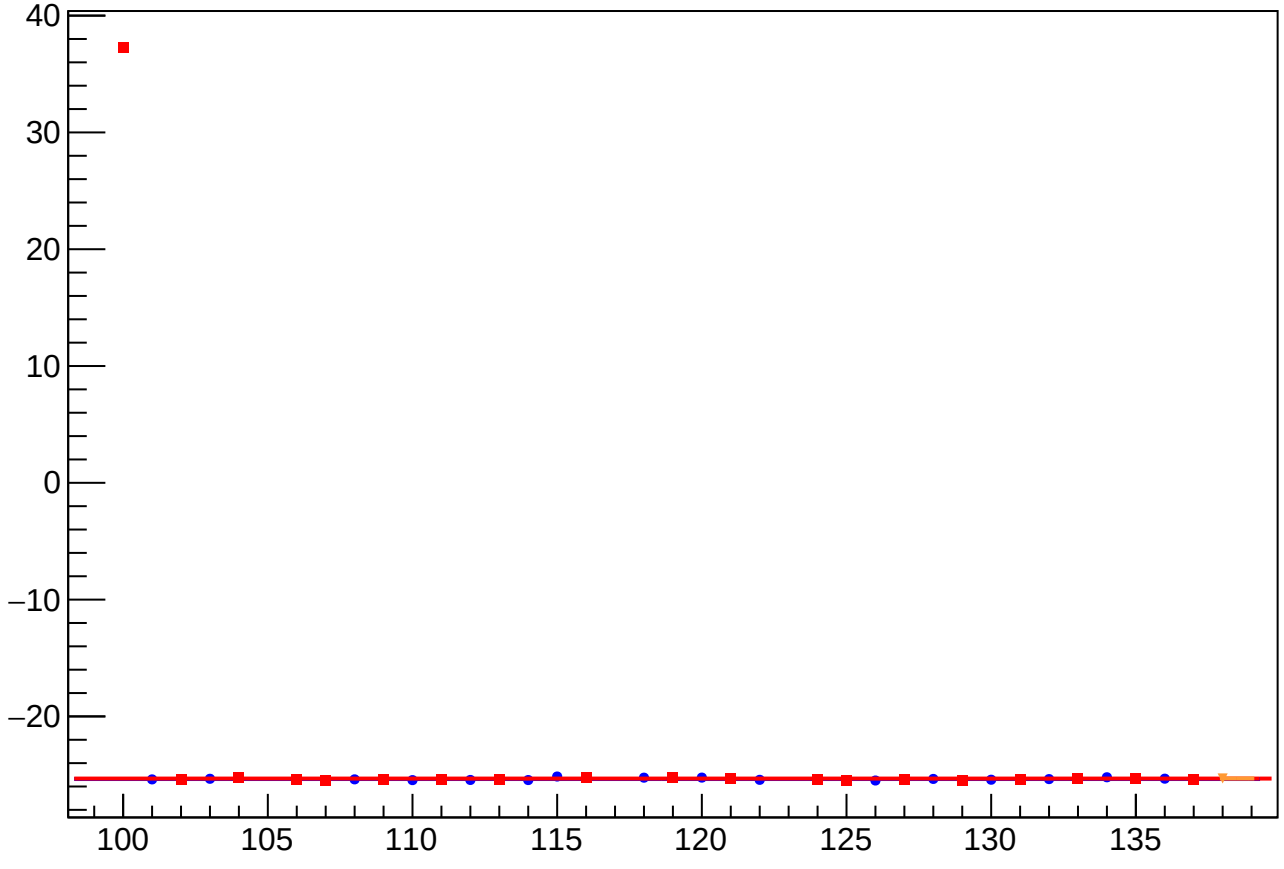
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.042+/-0.000 χ^2/NDF: 24855.7/16

All: 0.042+/-0.000 χ^2/NDF: 124999.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.360+/-0.000 χ^2/NDF: 13284405.9/15

Left Out: -25.311+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.322+/-0.000 χ^2/NDF: 6314907036.5/18

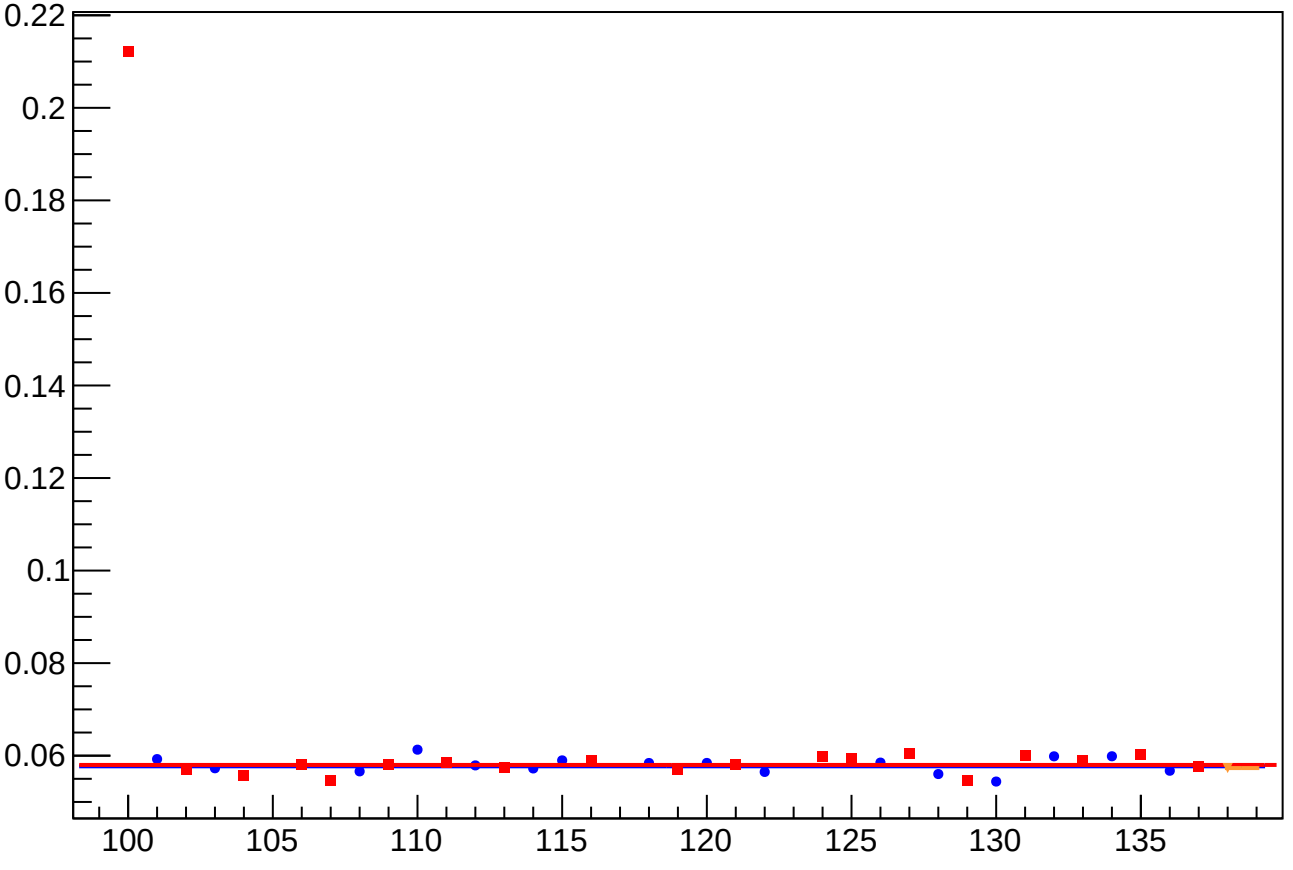
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -25.355+/-0.000 χ^2/NDF: 13792116.1/16

All: -25.339+/-0.000 χ^2/NDF: 6329938104.2/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF: 11763.6/15

Left Out: 0.057+/-0.000 χ^2/NDF:0.0/0

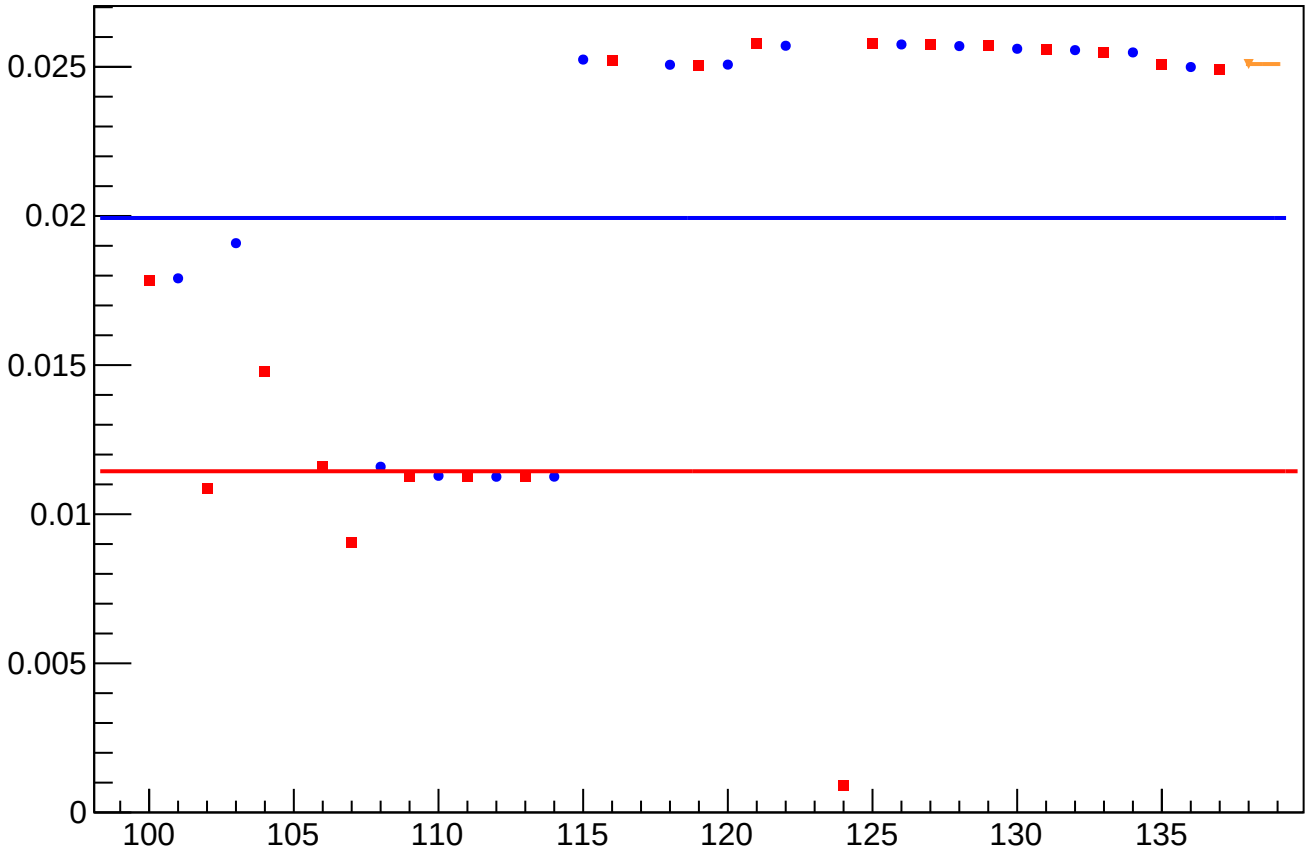
Right Out: 0.058+/-0.000 χ^2/NDF: 88682.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.058+/-0.000 χ^2/NDF: 11822.9/16

All: 0.058+/-0.000 χ^2/NDF: 100754.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.020+/-0.000 χ^2/NDF: 62465154056.0/15

Left Out: 0.025+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF: 253880264851.8/18

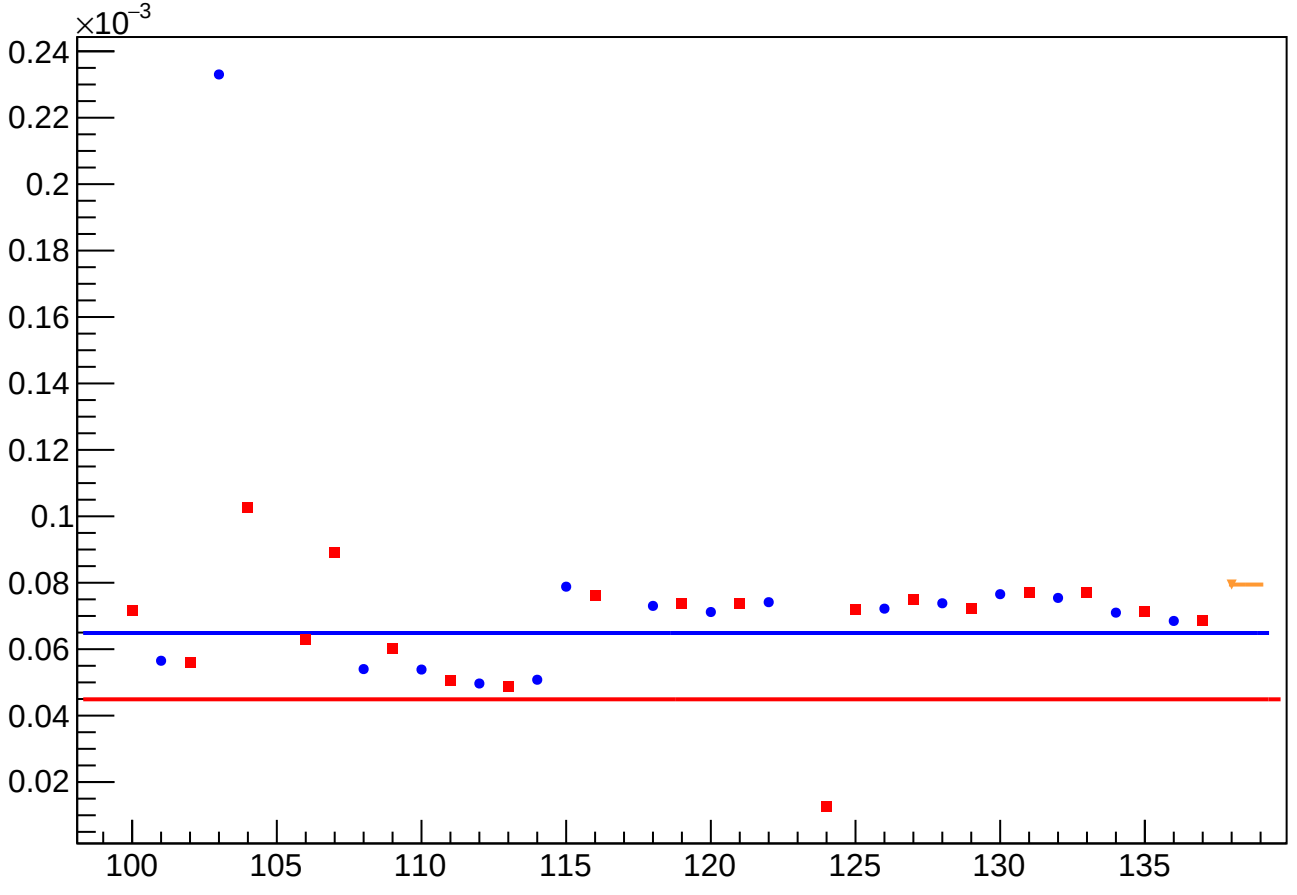
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.020+/-0.000 χ^2/NDF: 65456358541.5/16

All: 0.015+/-0.000 χ^2/NDF: 398513166941.8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 816892.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3770565.9/18

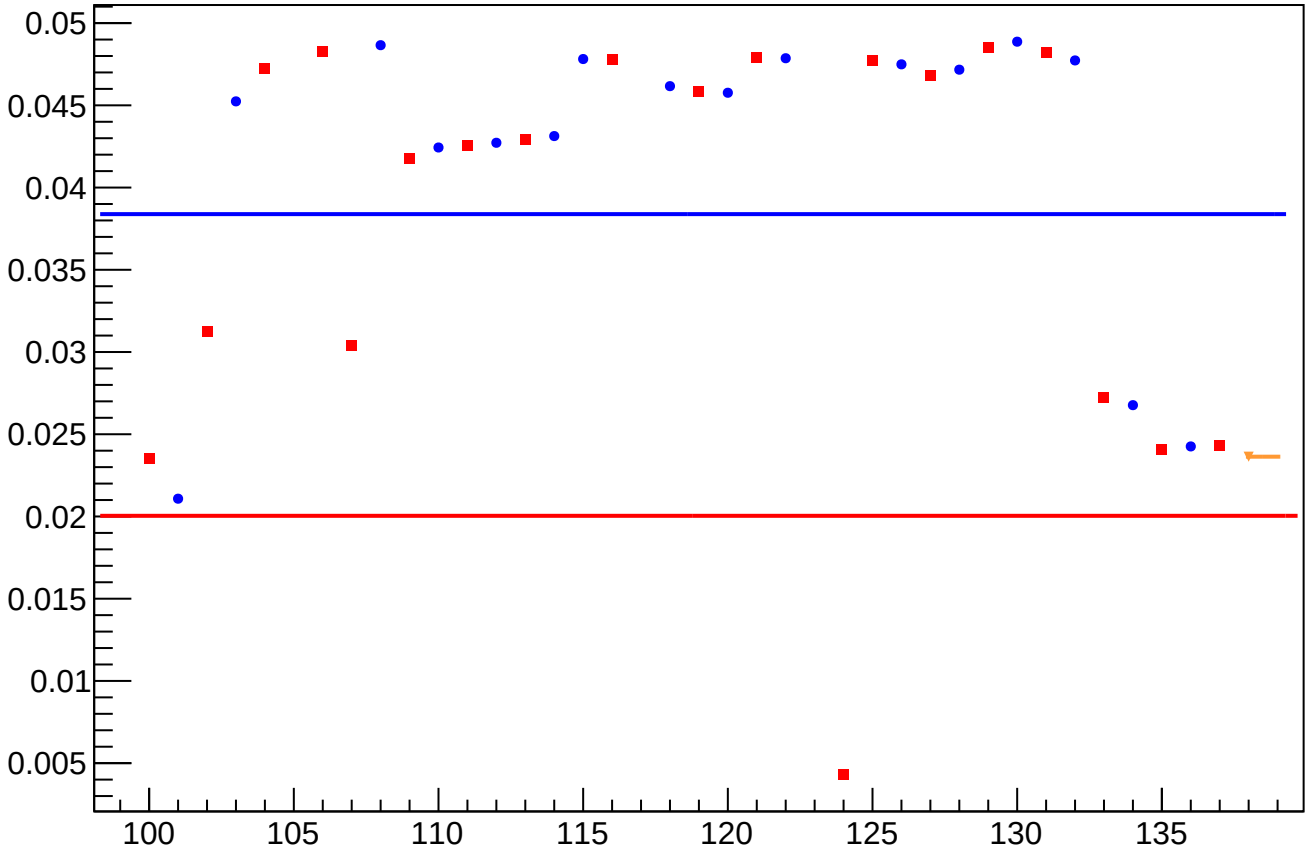
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 864644.3/16

All: 0.000+/-0.000 χ^2/NDF: 5525355.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_atl2_mean vs Slug



Right In: 0.038+/-0.000 χ^2/NDF: 7078619233.3/15

Left Out: 0.024+/-0.000 χ^2/NDF:0.0/0

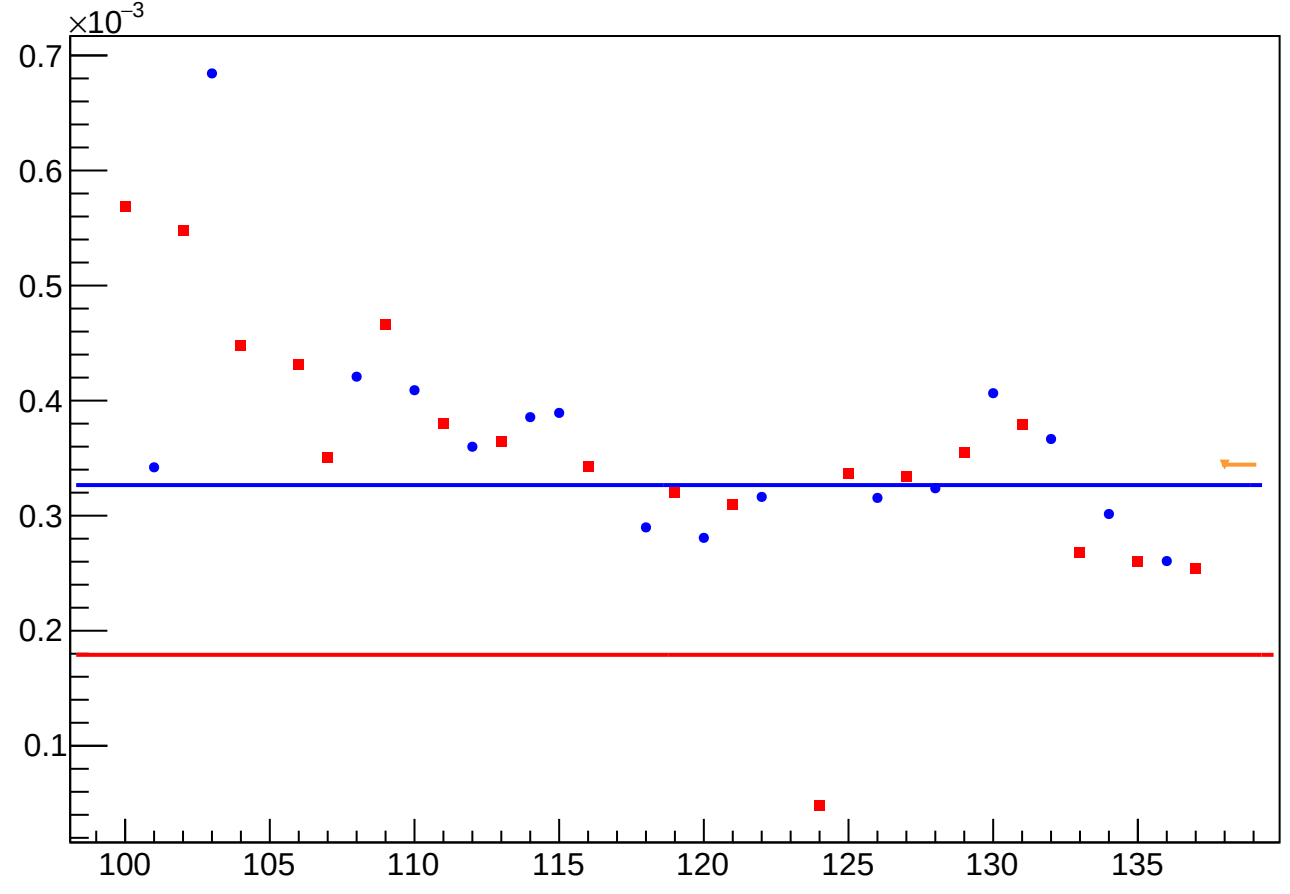
Right Out: 0.020+/-0.000 χ^2/NDF: 42185025429.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.037+/-0.000 χ^2/NDF: 8232724476.8/16

All: 0.026+/-0.000 χ^2/NDF: 62712769079.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 581428.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

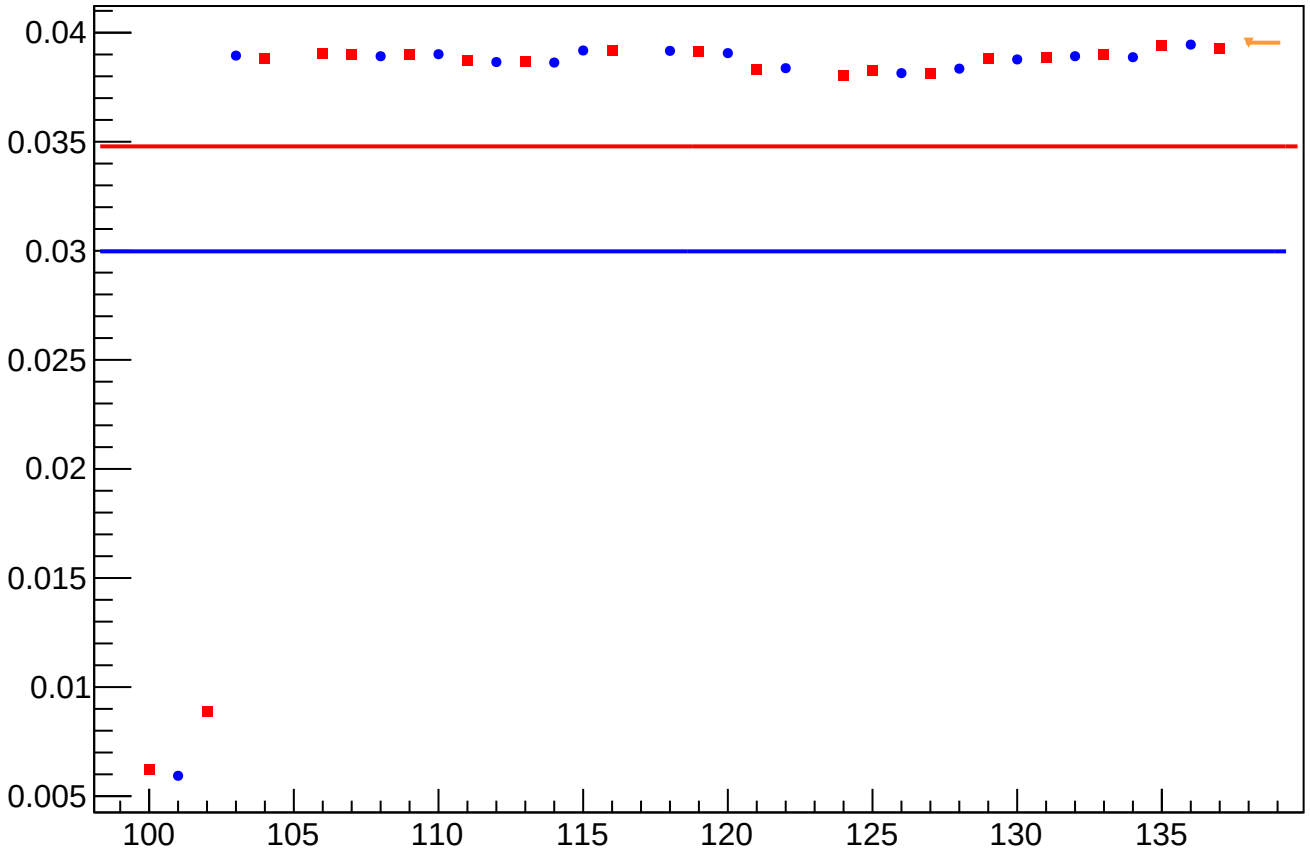
Right Out: 0.000+/-0.000 χ^2/NDF: 5660786.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 584774.2/16

All: 0.000+/-0.000 χ^2/NDF: 8132451.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.030+/-0.000 χ^2/NDF: 108275706275.7/15

Left Out: 0.040+/-0.000 χ^2/NDF:0.0/0

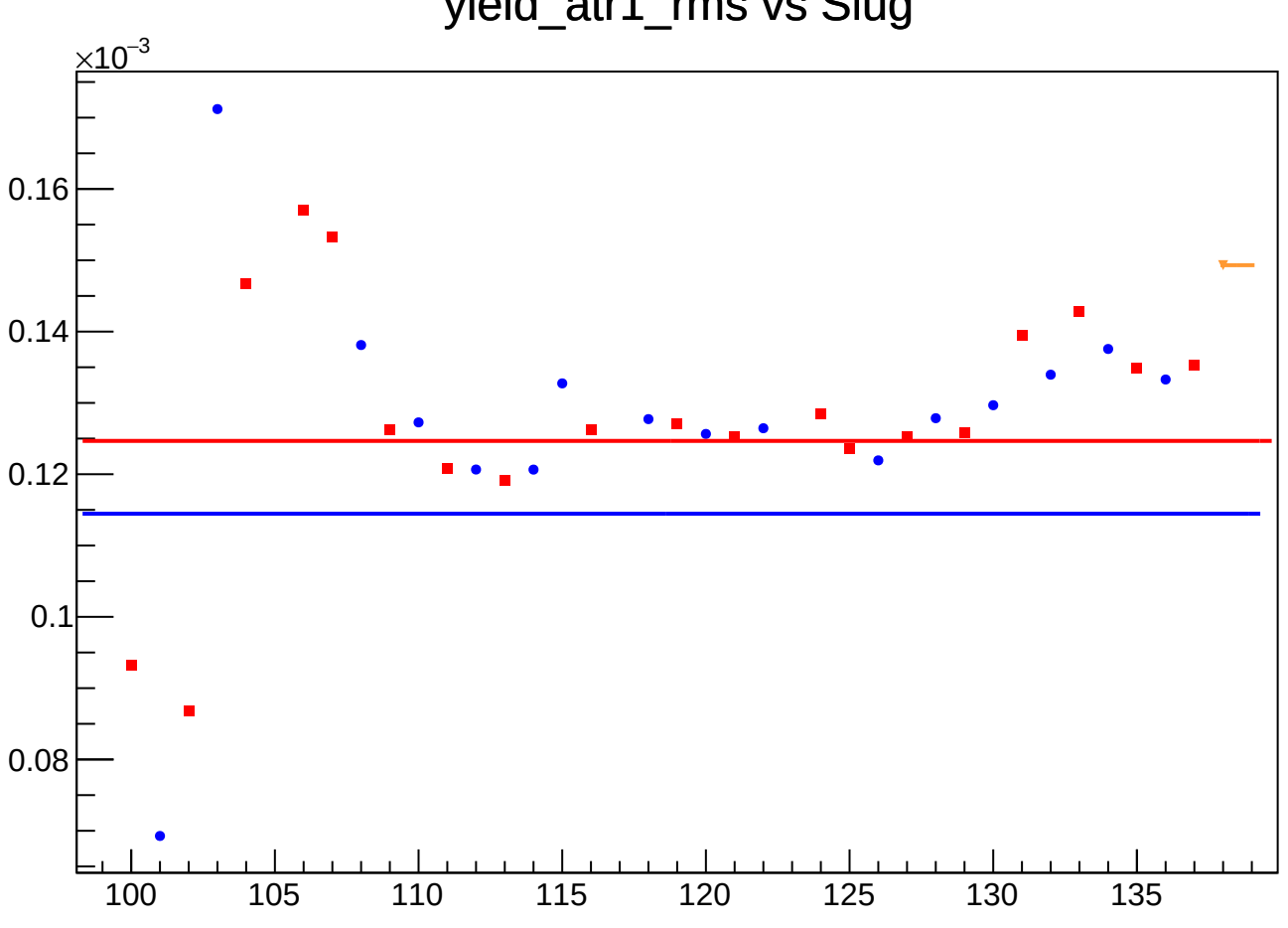
Right Out: 0.035+/-0.000 χ^2/NDF: 47263545471.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.031+/-0.000 χ^2/NDF: 111186927381.5/16

All: 0.032+/-0.000 χ^2/NDF: 162791028469.4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 853142.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

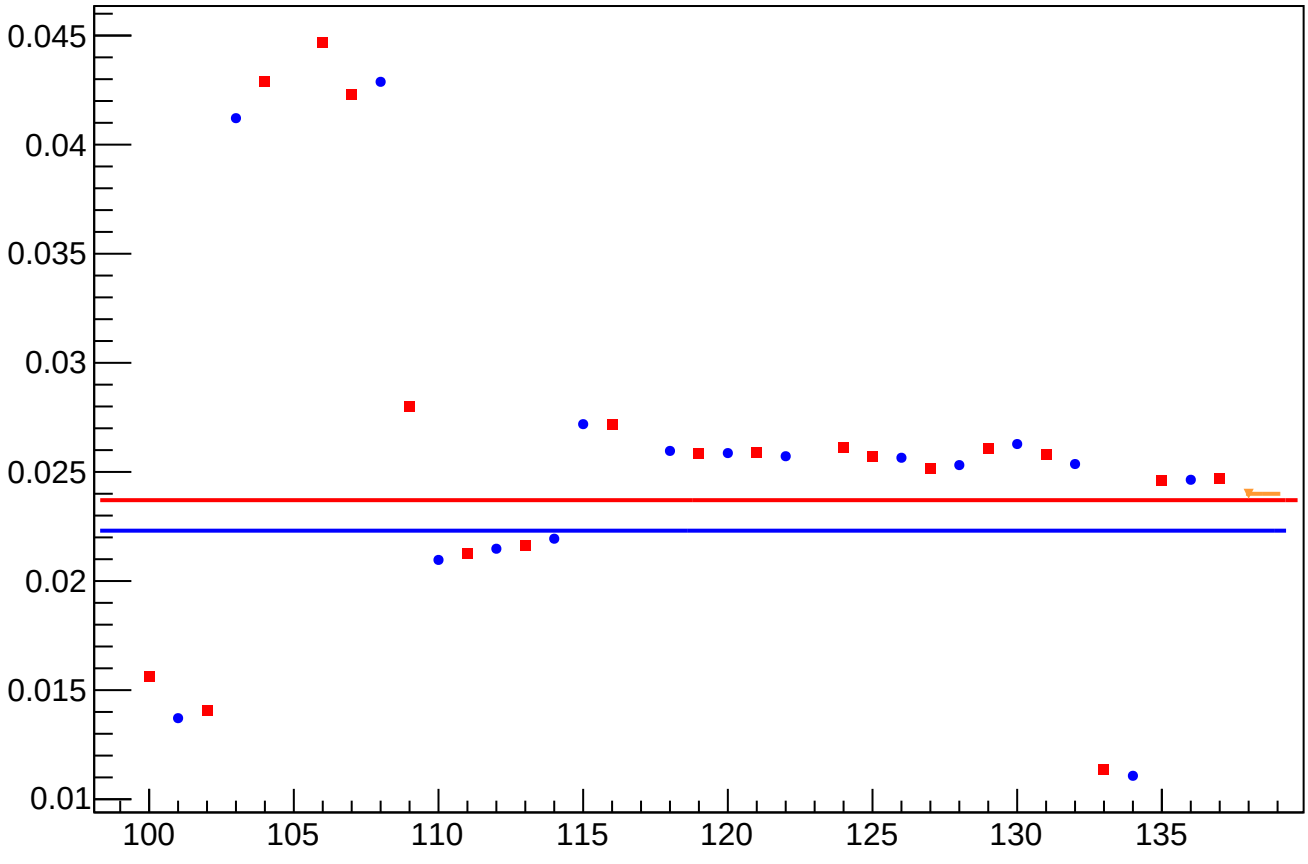
Right Out: 0.000+/-0.000 χ^2/NDF: 260393.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

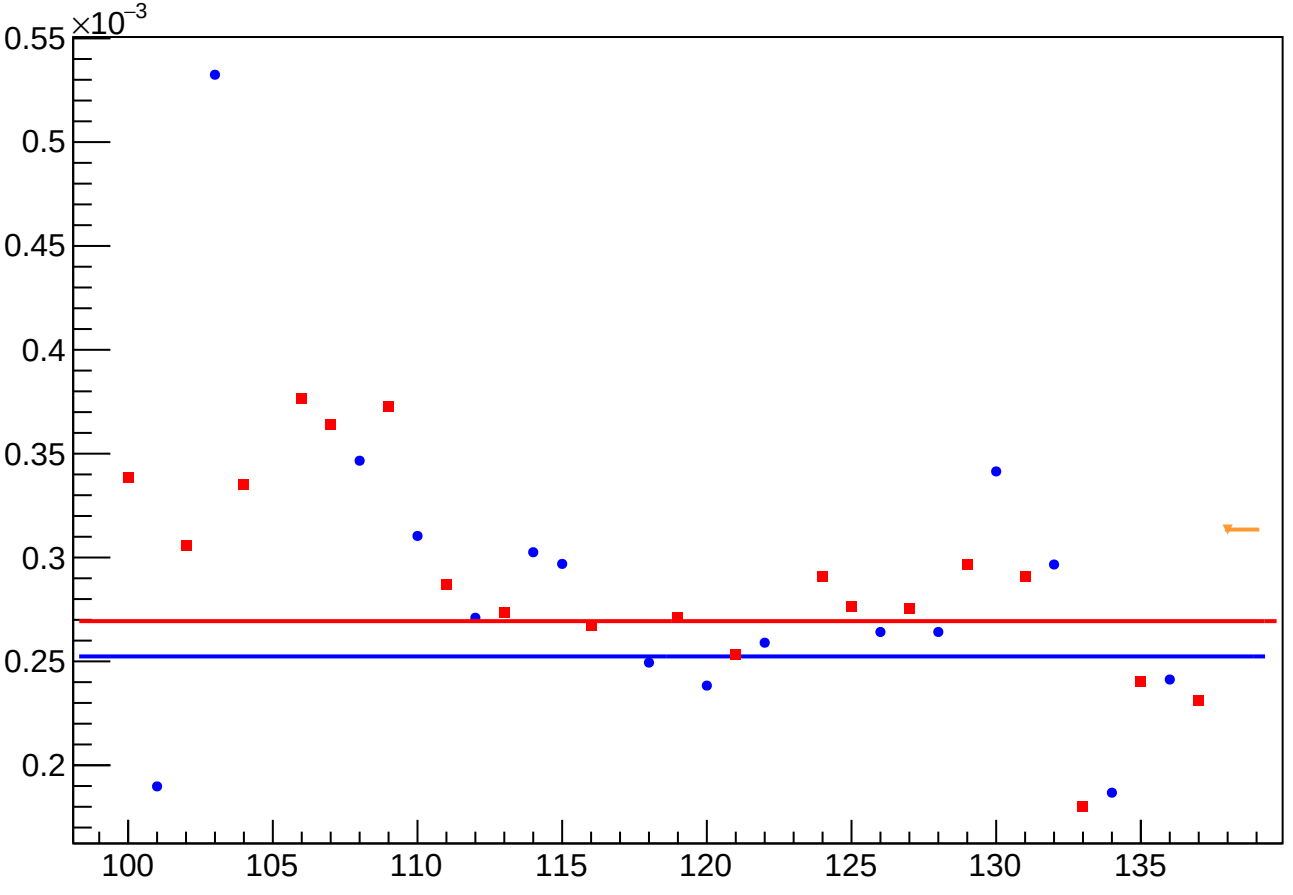
+ sign 0.000+/-0.000 χ^2/NDF: 930428.9/16

All: 0.000+/-0.000 χ^2/NDF: 1222349.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_atr2_mean vs Slug
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
100
105
110
115
120
125
130
135
Right In: 0.022+/-0.000 χ²/NDF: 5012486114.6/15
Left Out: 0.024+/-0.000 χ²/NDF:0.0/0
Right Out: 0.024+/-0.000 χ²/NDF: 5581865088.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.022+/-0.000 χ²/NDF: 5030932904.0/16
All: 0.023+/-0.000 χ²/NDF: 10692661941.2/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 707863.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

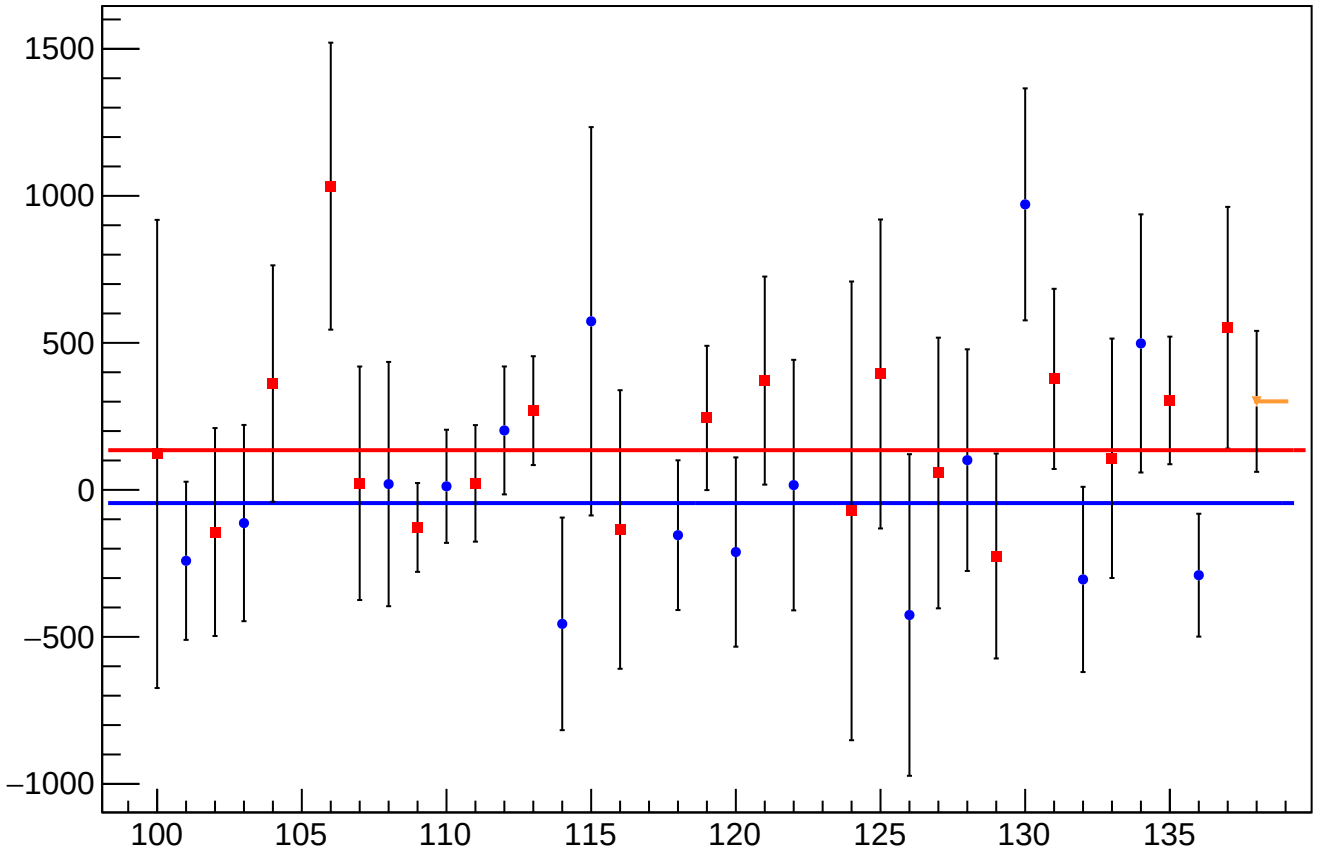
Right Out: 0.000+/-0.000 χ^2/NDF: 446359.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 756069.2/16

All: 0.000+/-0.000 χ^2/NDF: 1218647.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -44.917+/-76.198 χ^2/NDF: 15.5/15

Left Out: 301.038+/-239.739 χ^2/NDF:0.0/0

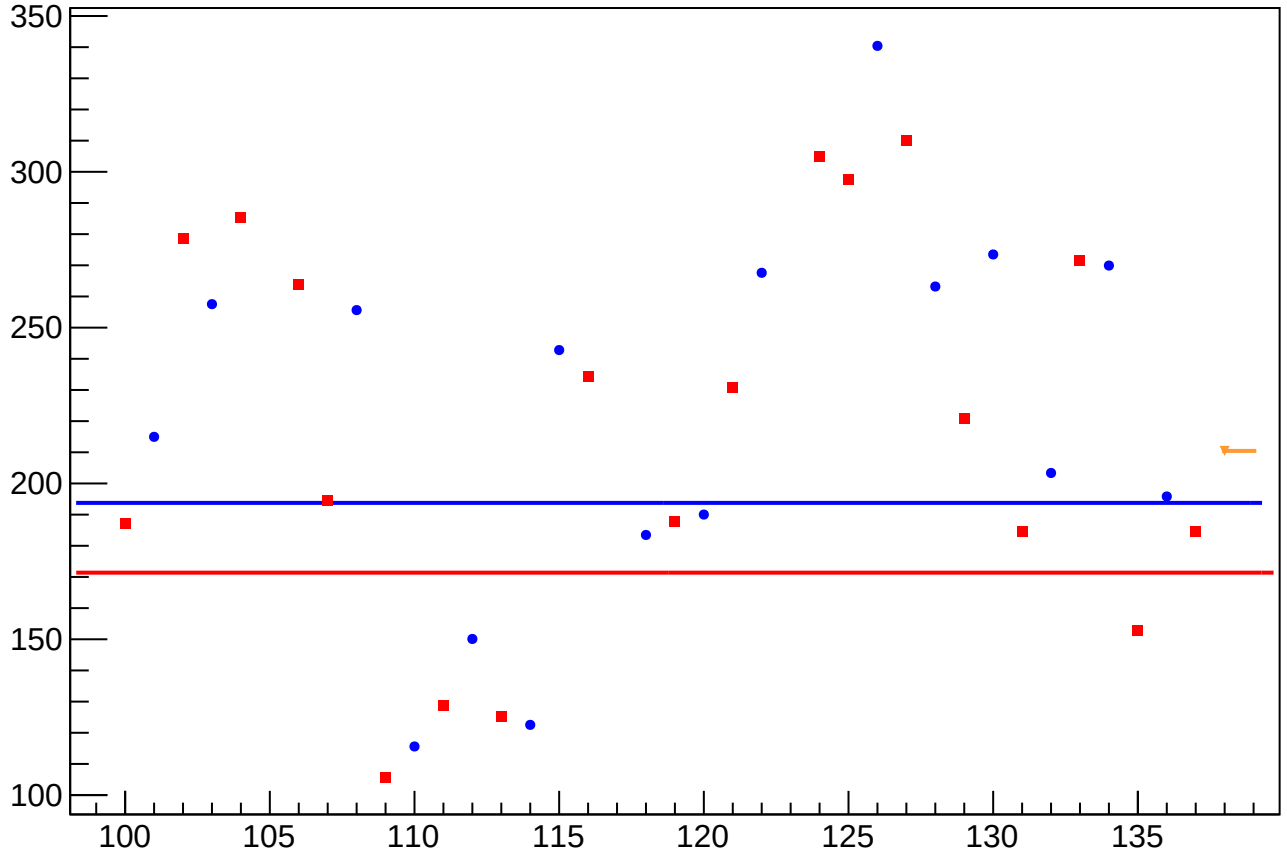
Right Out: 134.996+/-68.062 χ^2/NDF: 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -13.175+/-72.618 χ^2/NDF: 17.4/16

All: 65.705+/-49.660 χ^2/NDF: 32.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 193.768+/-0.054 χ^2/NDF: 1048095.1/15

Left Out: 210.443+/-0.170 χ^2/NDF:0.0/0

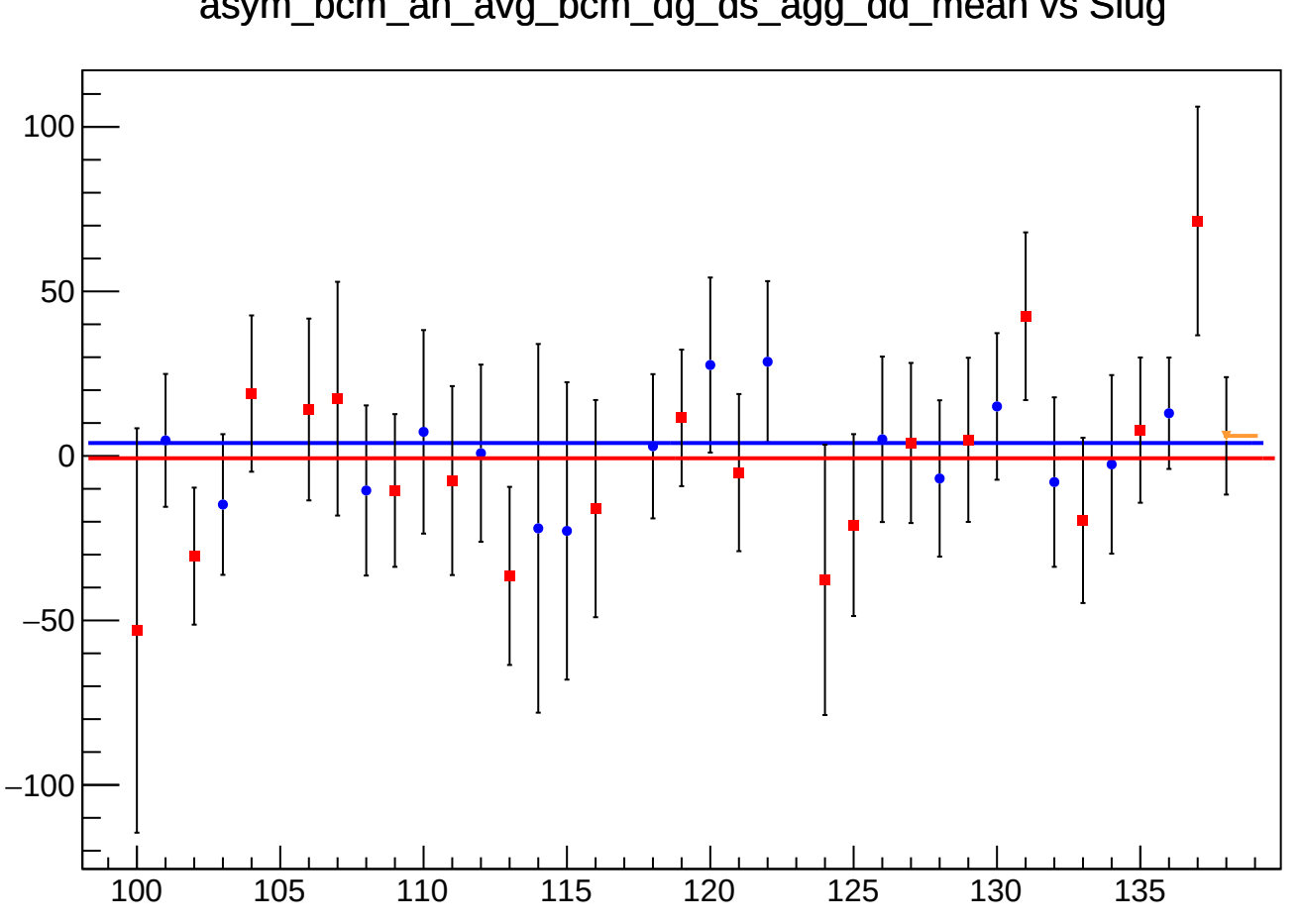
Right Out: 171.382+/-0.048 χ^2/NDF: 1658079.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.298+/-0.051 χ^2/NDF: 1056883.5/16

All: 182.566+/-0.035 χ^2/NDF: 2830443.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3.923+/-6.172 χ^2/NDF: 4.5/15

Left Out: 6.095+/-17.842 χ^2/NDF:0.0/0

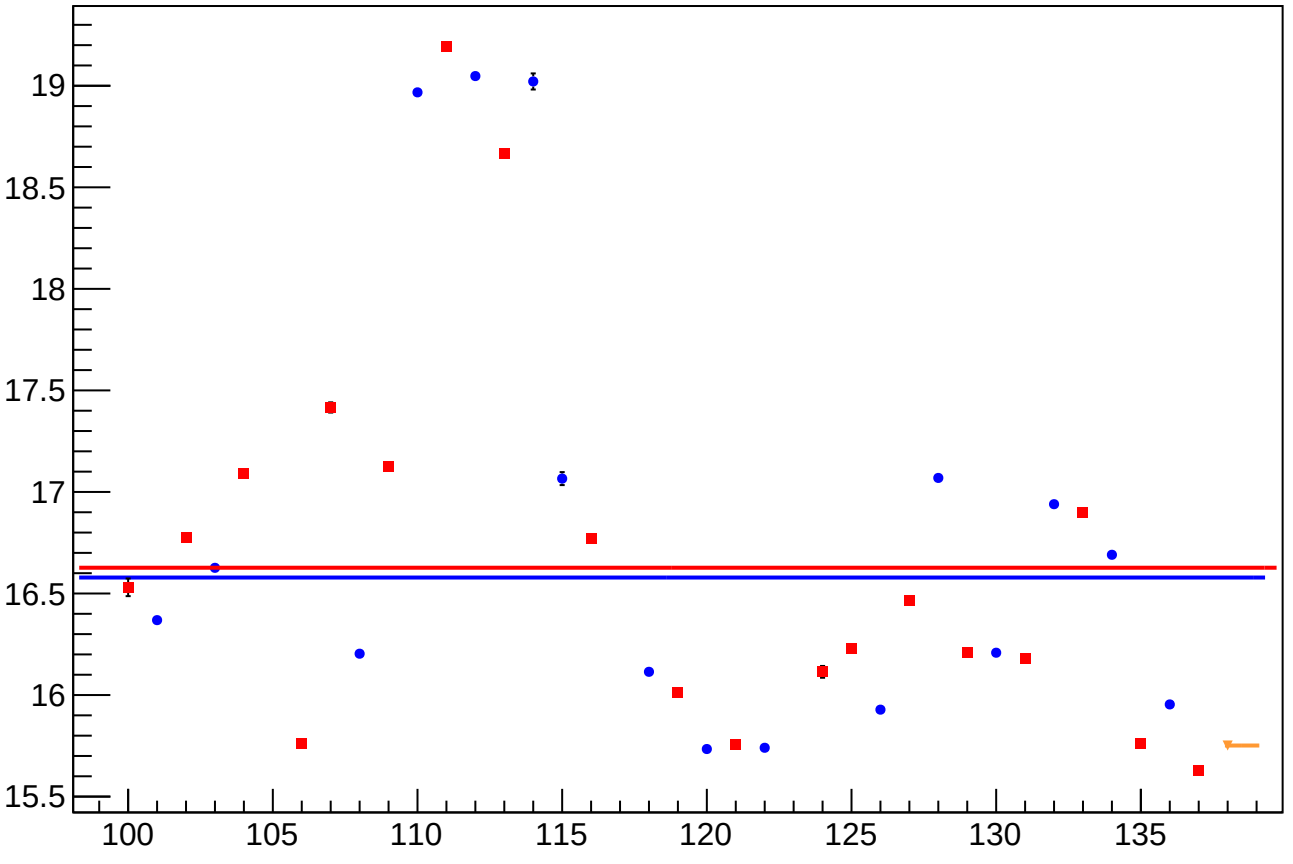
Right Out: -0.714+/-6.077 χ^2/NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.155+/-5.833 χ^2/NDF: 4.5/16

All: 1.821+/-4.208 χ^2/NDF: 20.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 16.579+/-0.004 χ^2/NDF: 44575.6/15

Left Out: 15.751+/-0.013 χ^2/NDF:0.0/0

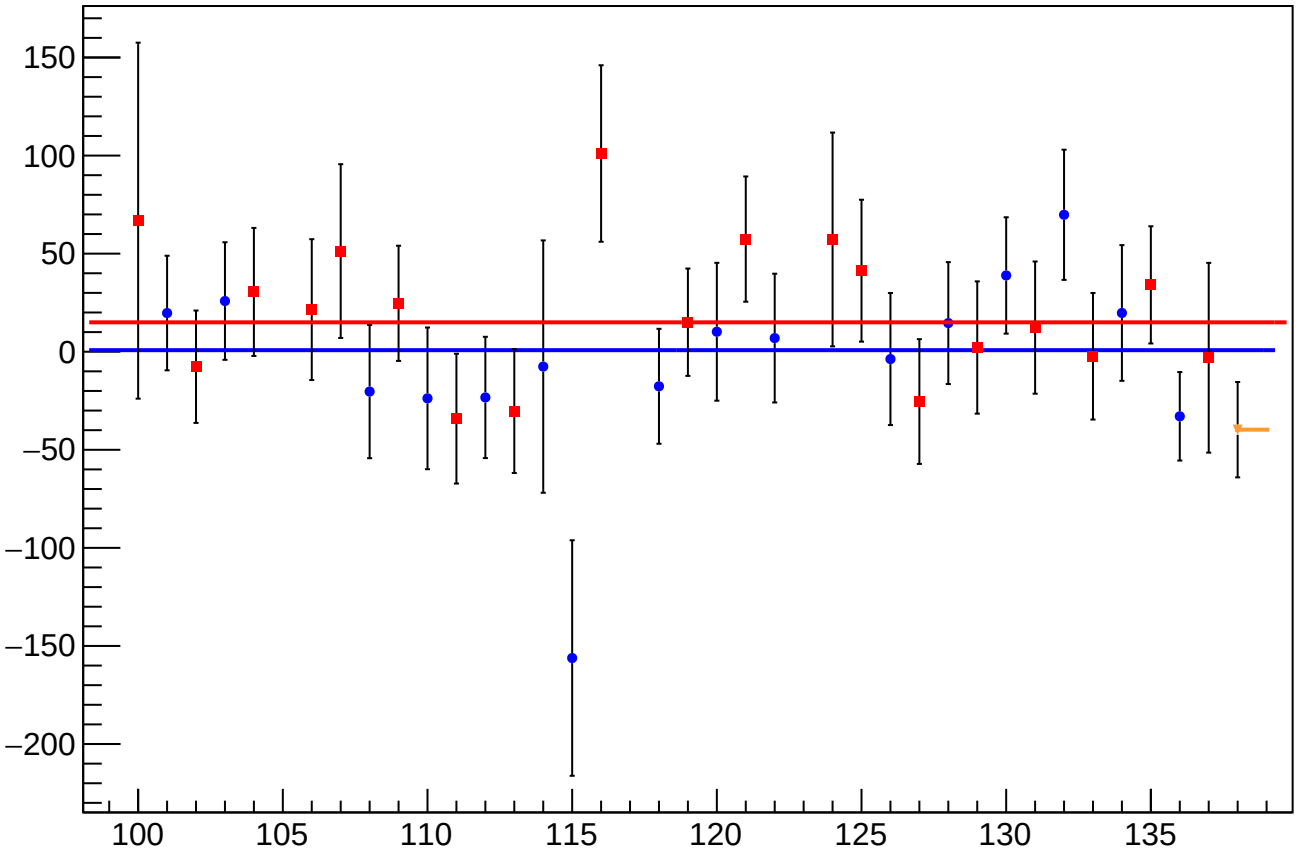
Right Out: 16.627+/-0.004 χ^2/NDF: 43461.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.490+/-0.004 χ^2/NDF: 48414.9/16

All: 16.556+/-0.003 χ^2/NDF: 92403.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.790+/-8.125 χ^2/NDF: 18.7/15

Left Out: -39.743+/-24.316 χ^2/NDF:0.0/0

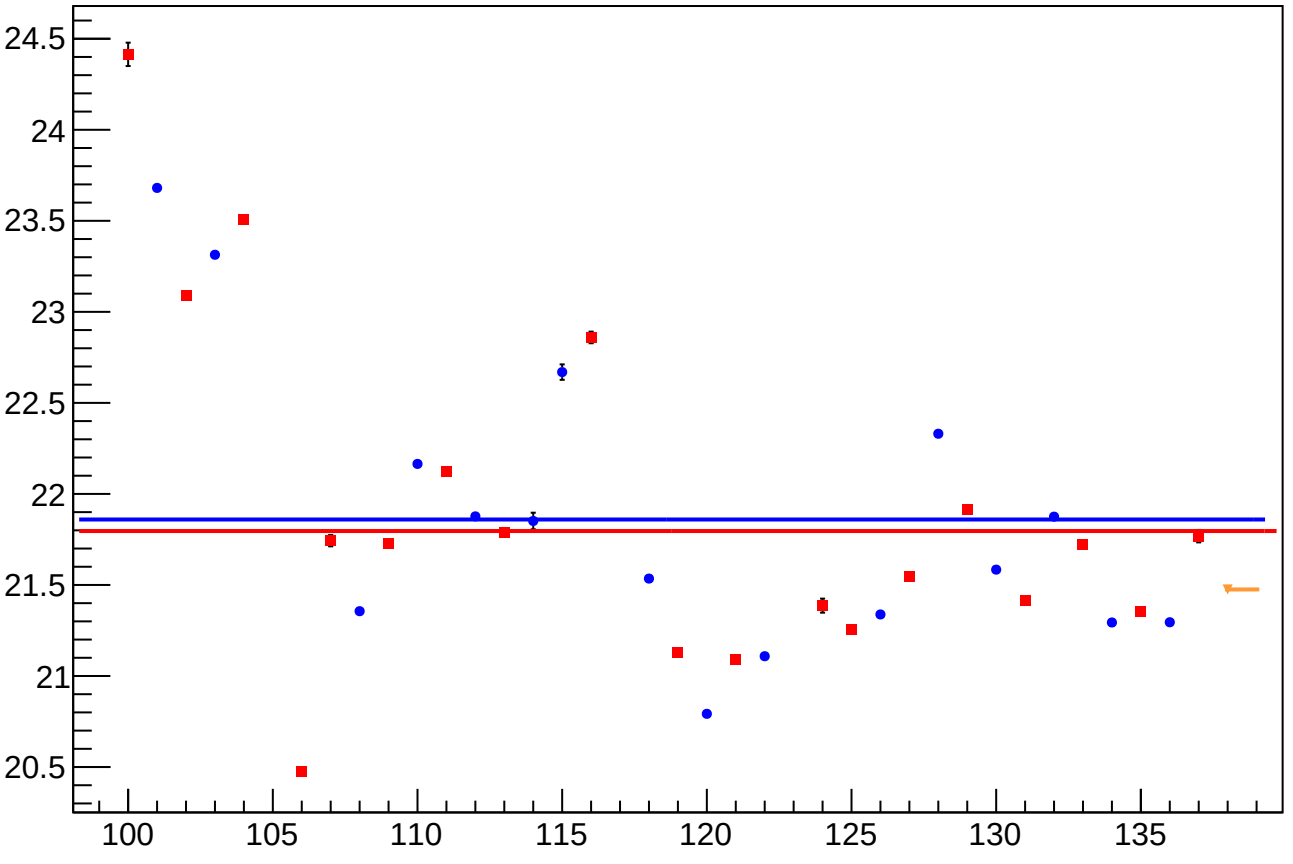
Right Out: 14.981+/-7.953 χ^2/NDF: 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.281+/-7.706 χ^2/NDF: 21.2/16

All: 5.561+/-5.534 χ^2/NDF: 39.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.860+/-0.006 χ^2/NDF: 19468.1/15

Left Out: 21.475+/-0.017 χ^2/NDF:0.0/0

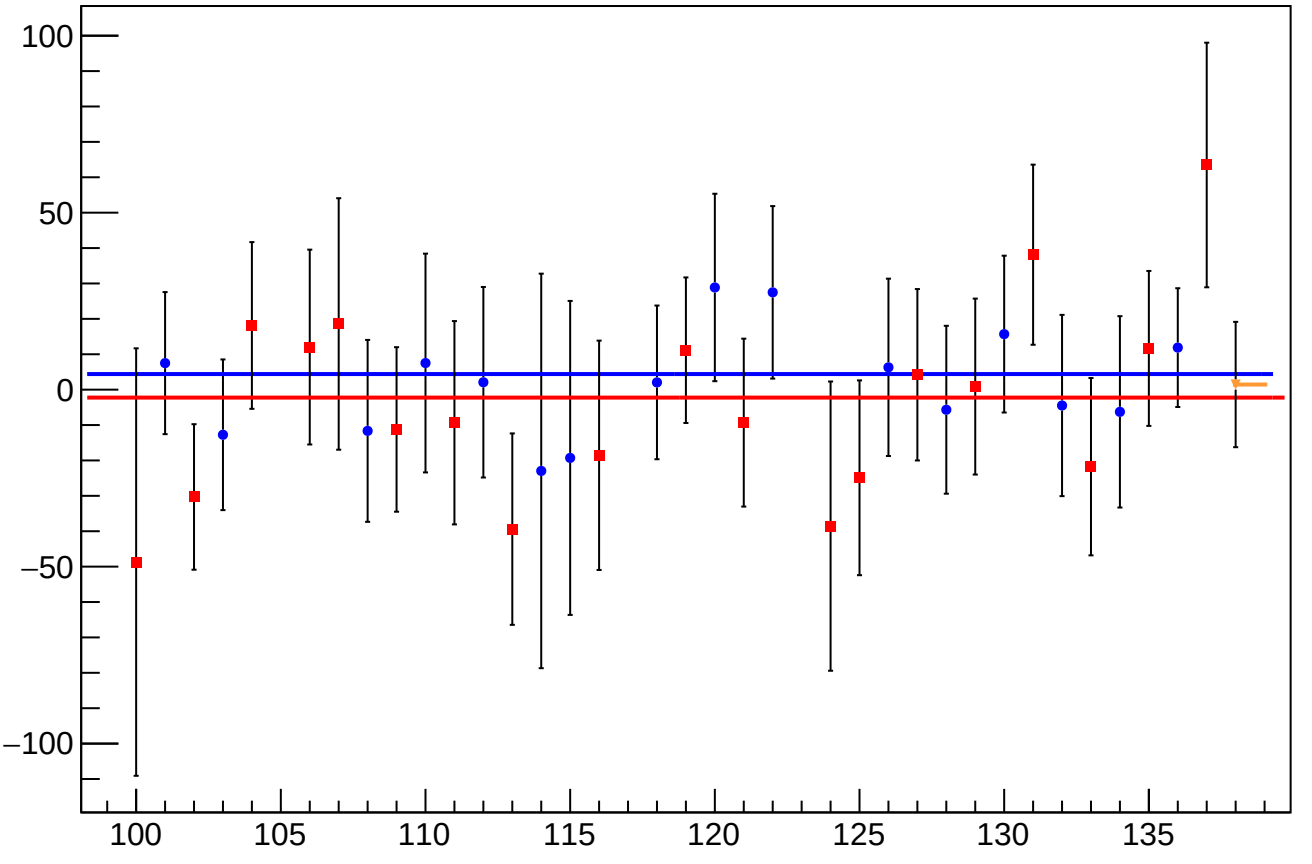
Right Out: 21.796+/-0.006 χ^2/NDF: 18861.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.821+/-0.005 χ^2/NDF: 19917.5/16

All: 21.809+/-0.004 χ^2/NDF: 38788.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4.404+/-6.137 χ^2/NDF: 4.3/15

Left Out: 1.447+/-17.707 χ^2/NDF:0.0/0

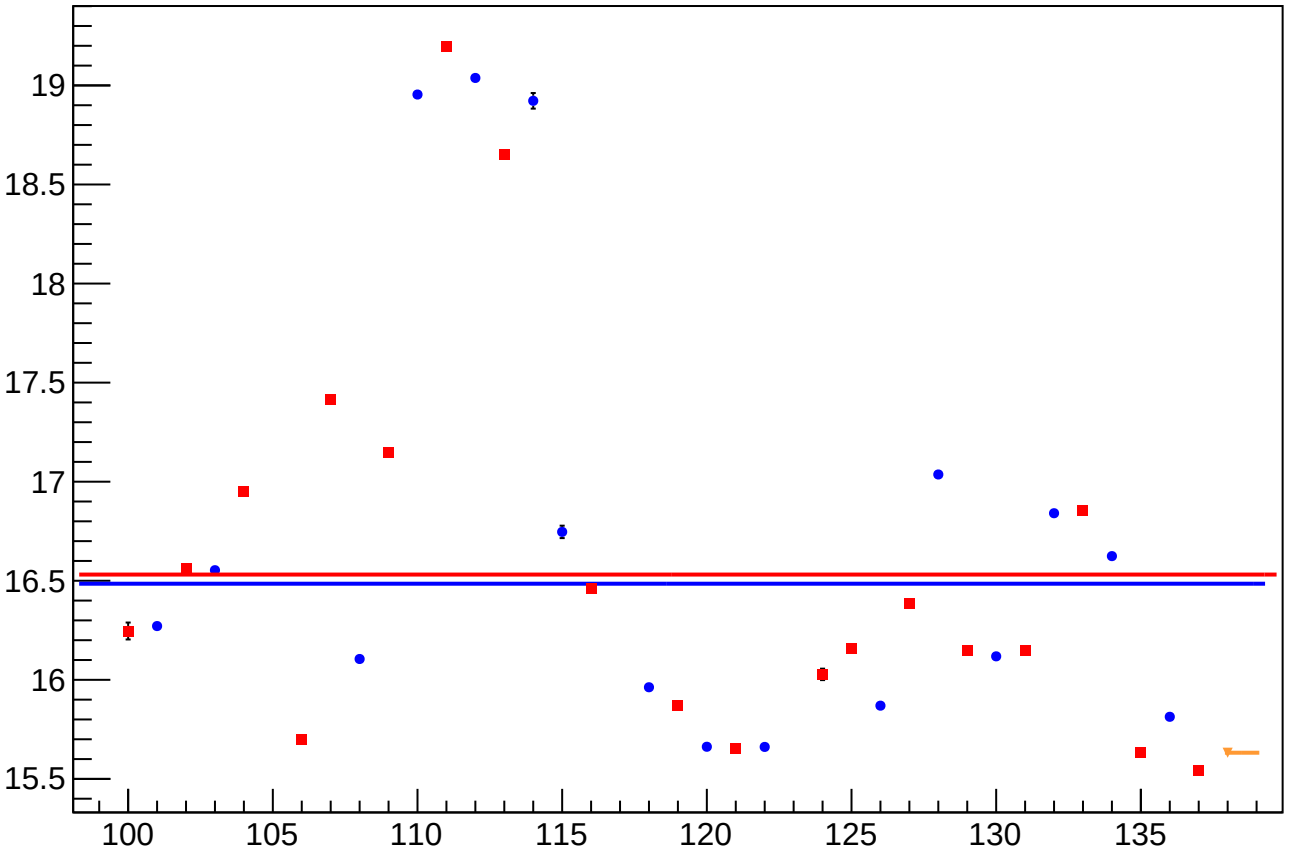
Right Out: -2.244+/-6.042 χ^2/NDF: 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.087+/-5.799 χ^2/NDF: 4.3/16

All: 1.052+/-4.184 χ^2/NDF: 20.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 16.485+/-0.004 χ^2/NDF: 47186.1/15

Left Out: 15.632+/-0.013 χ^2/NDF:0.0/0

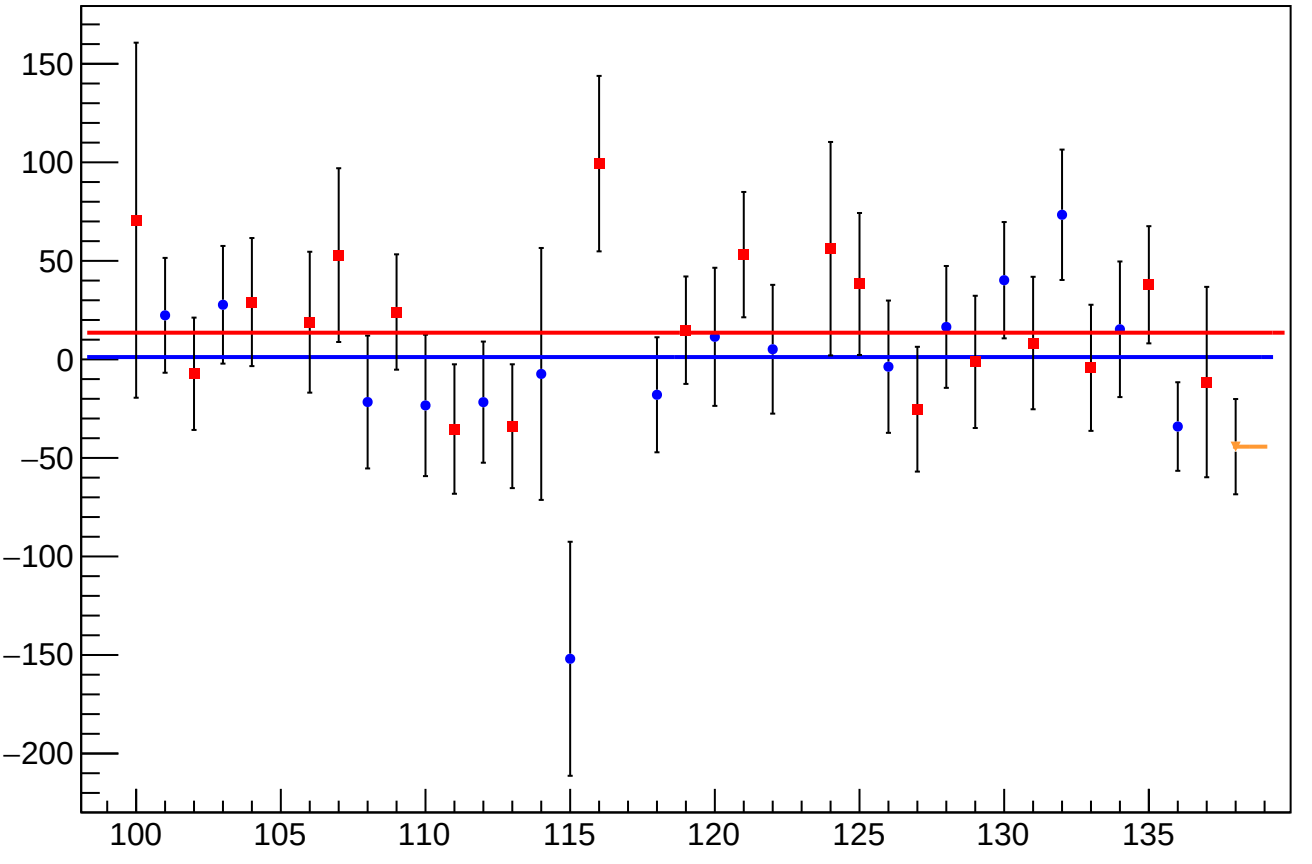
Right Out: 16.531+/-0.004 χ^2/NDF: 46474.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.394+/-0.004 χ^2/NDF: 51329.5/16

All: 16.460+/-0.003 χ^2/NDF: 98344.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.185+/-8.088 χ^2/NDF: 19.4/15

Left Out: -44.282+/-24.174 χ^2/NDF:0.0/0

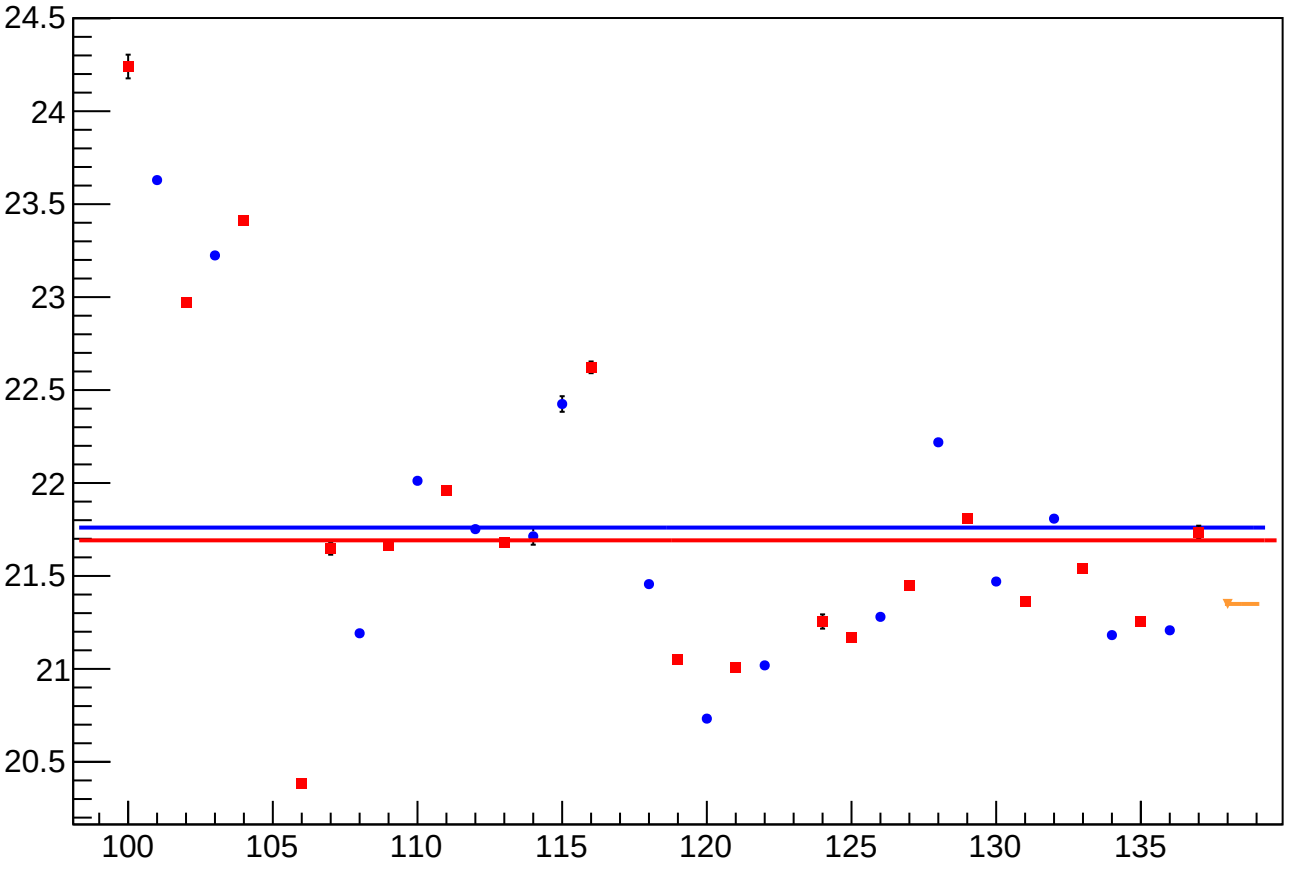
Right Out: 13.549+/-7.915 χ^2/NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.393+/-7.670 χ^2/NDF: 22.6/16

All: 4.812+/-5.508 χ^2/NDF: 40.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.760+/-0.006 χ^2/NDF: 19745.7/15

Left Out: 21.349+/-0.017 χ^2/NDF:0.0/0

Right Out: 21.692+/-0.006 χ^2/NDF: 18330.7/18

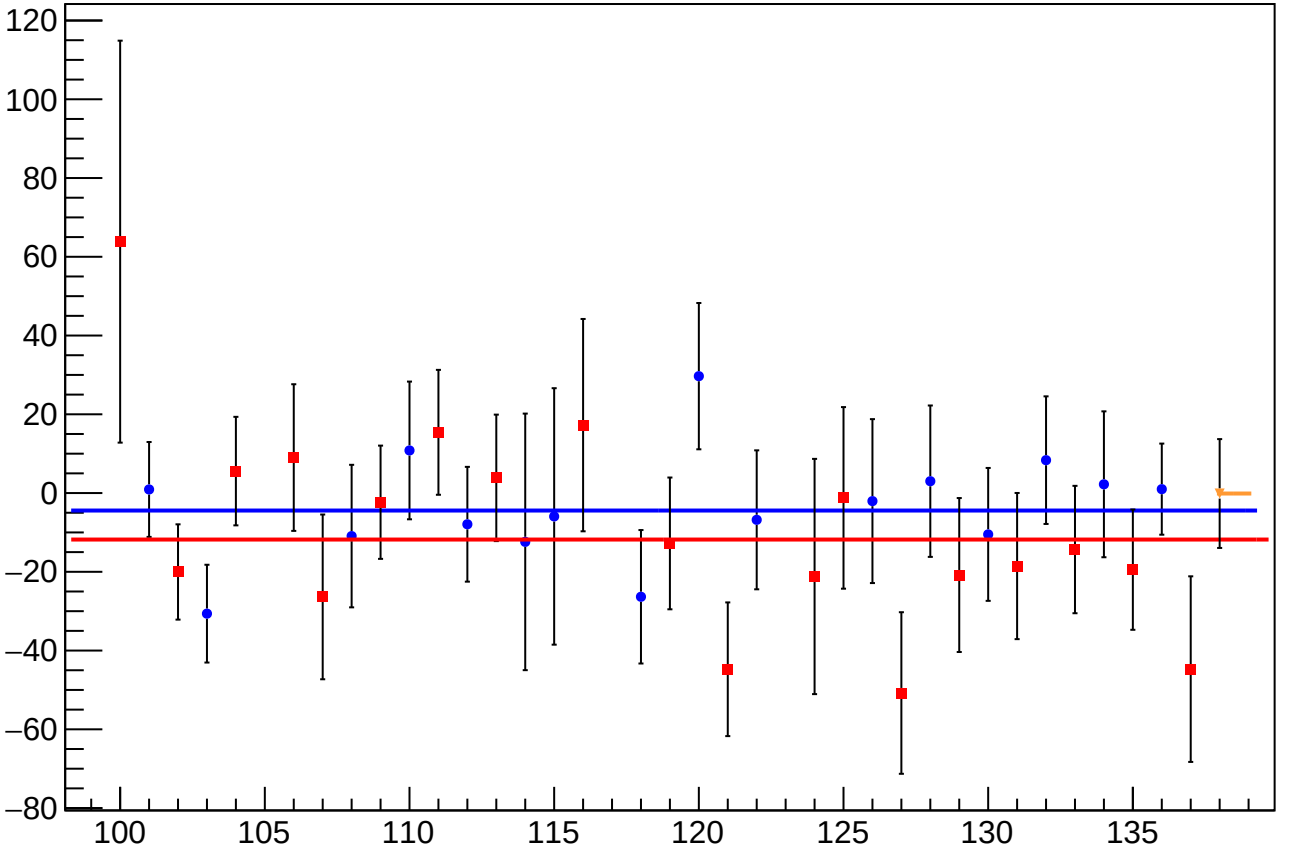
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.719+/-0.005 χ^2/NDF: 20265.2/16

All: 21.706+/-0.004 χ^2/NDF: 38608.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -4.440+/-4.131 χ^2/NDF: 12.0/15

Left Out: -0.120+/-13.821 χ^2/NDF:0.0/0

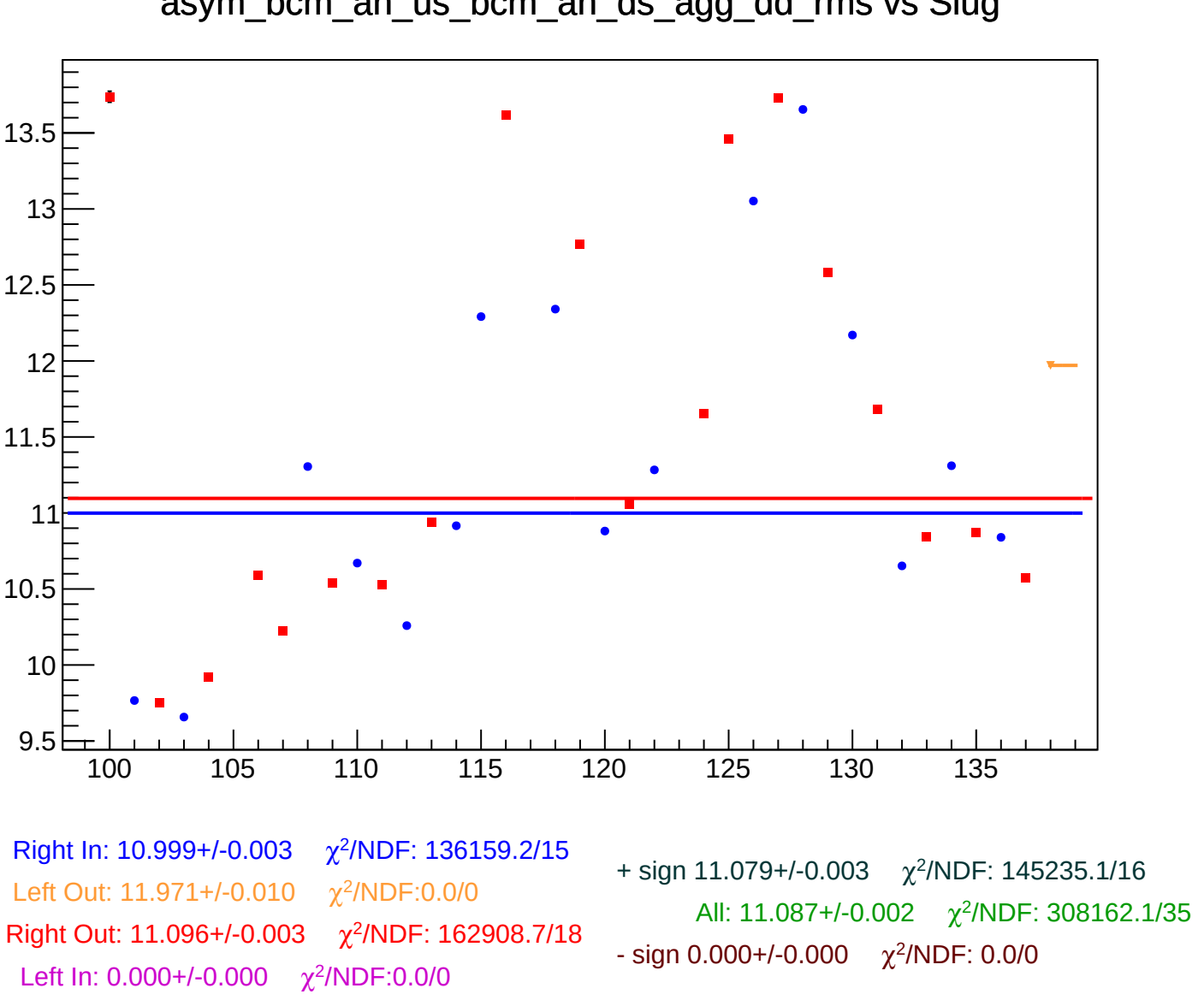
Right Out: -11.807+/-4.097 χ^2/NDF: 21.7/18

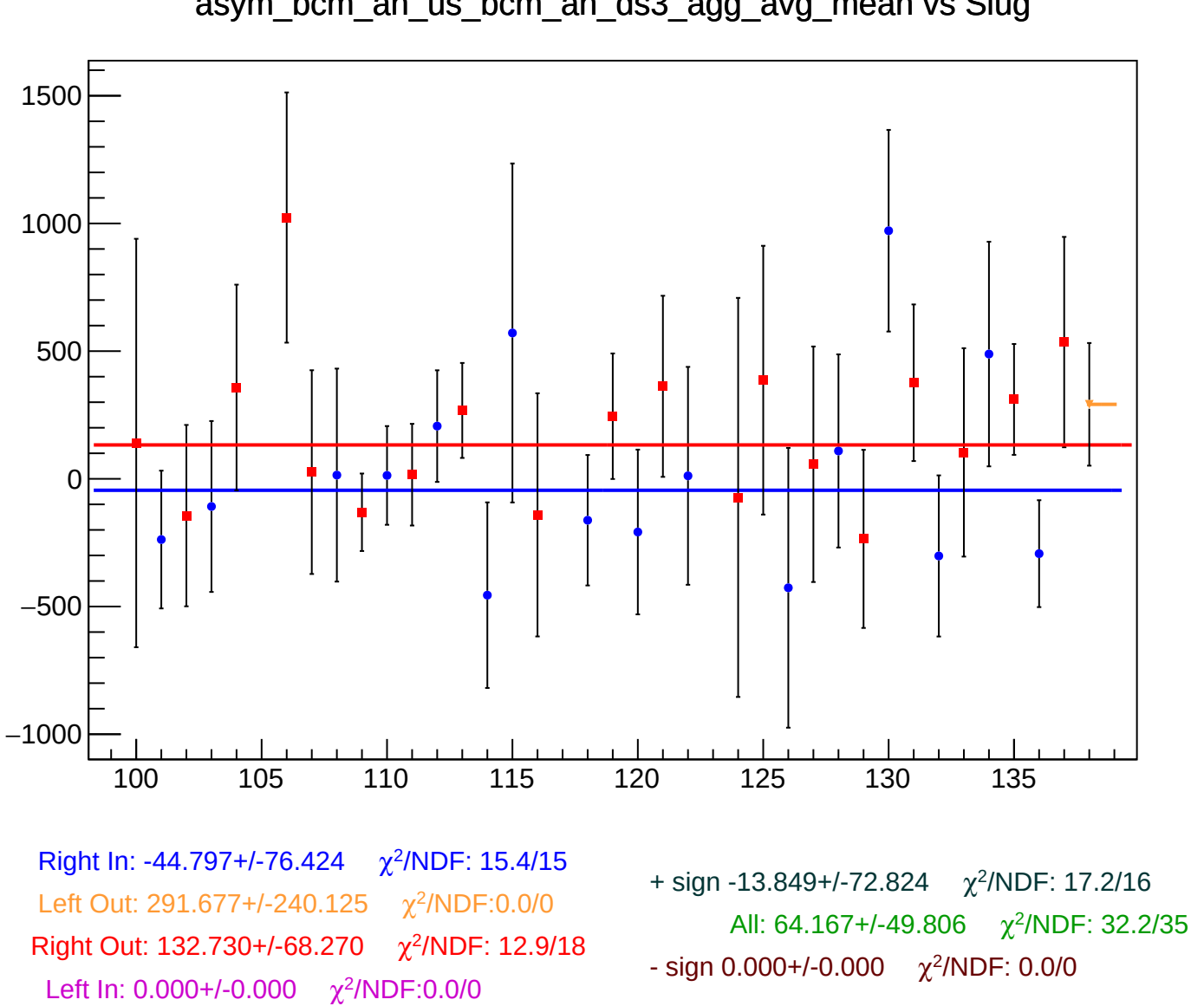
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.086+/-3.958 χ^2/NDF: 12.1/16

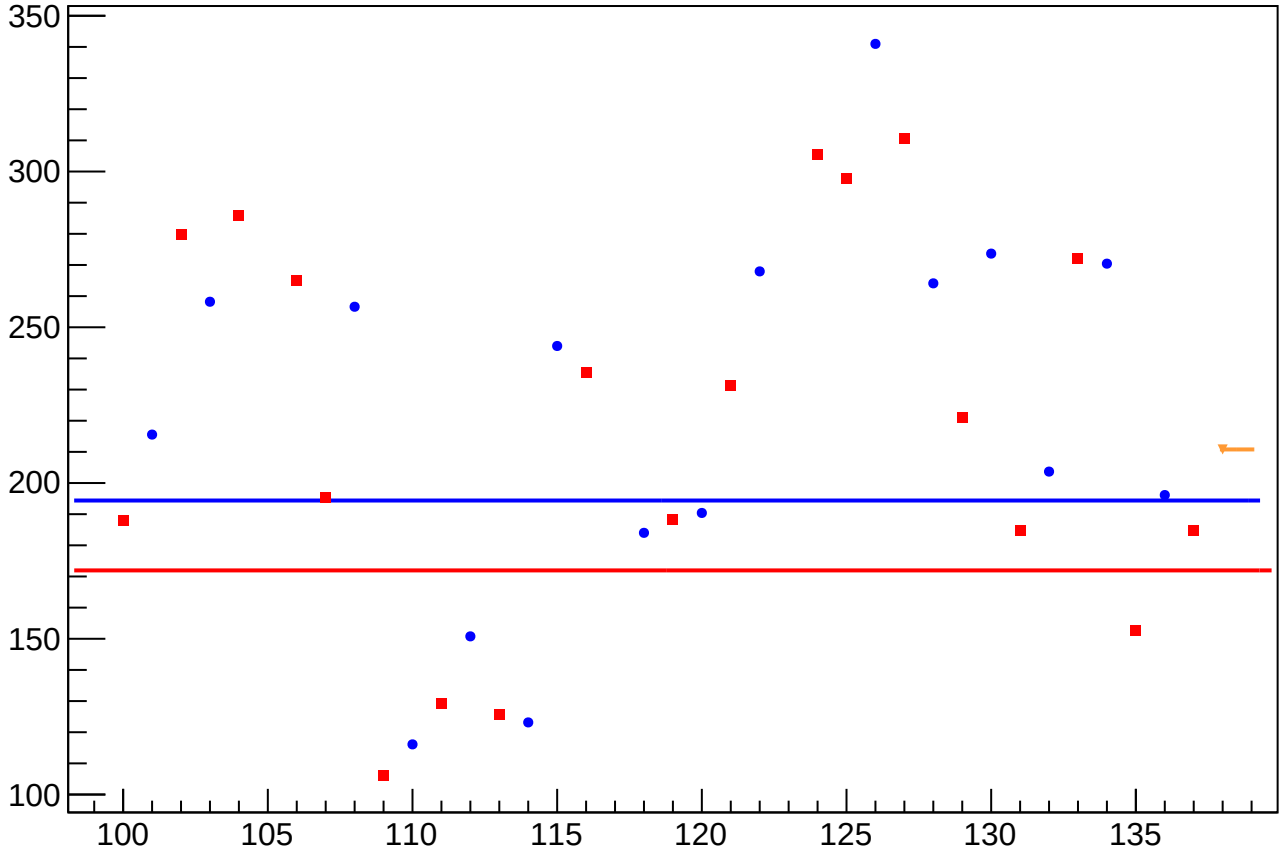
All: -7.813+/-2.847 χ^2/NDF: 35.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug
13.5
13
12.5
12
11.5
11
10.5
10
9.5
100
105
110
115
120
125
130
135
Right In: 10.999+/-0.003 χ²/NDF: 136159.2/15
Left Out: 11.971+/-0.010 χ²/NDF:0.0/0
Right Out: 11.096+/-0.003 χ²/NDF: 162908.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 11.079+/-0.003 χ²/NDF: 145235.1/16
All: 11.087+/-0.002 χ²/NDF: 308162.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug
1500
1000
500
0
−500
−1000
100
105
110
115
120
125
130
135
Right In: -44.797+/-76.424 χ²/NDF: 15.4/15
Left Out: 291.677+/-240.125 χ²/NDF:0.0/0
Right Out: 132.730+/-68.270 χ²/NDF: 12.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -13.849+/-72.824 χ²/NDF: 17.2/16
All: 64.167+/-49.806 χ²/NDF: 32.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.385+/-0.054 χ^2/NDF: 1042024.1/15

Left Out: 210.780+/-0.170 χ^2/NDF:0.0/0

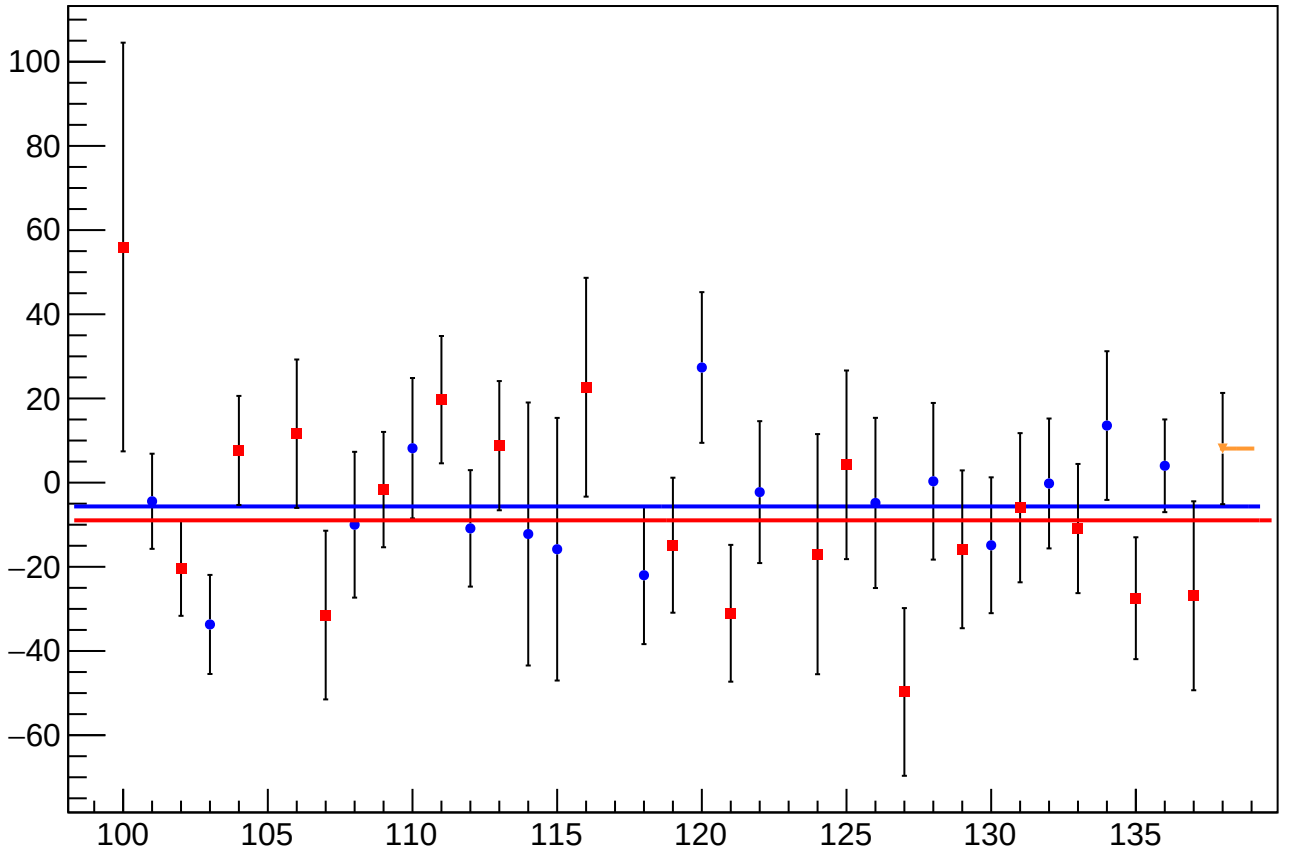
Right Out: 171.949+/-0.048 χ^2/NDF: 1651343.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 195.893+/-0.051 χ^2/NDF: 1050490.1/16

All: 183.149+/-0.035 χ^2/NDF: 2816912.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -5.657+/-3.939 χ^2/NDF: 13.7/15

Left Out: 8.096+/-13.216 χ^2/NDF:0.0/0

Right Out: -8.960+/-3.901 χ^2/NDF: 22.8/18

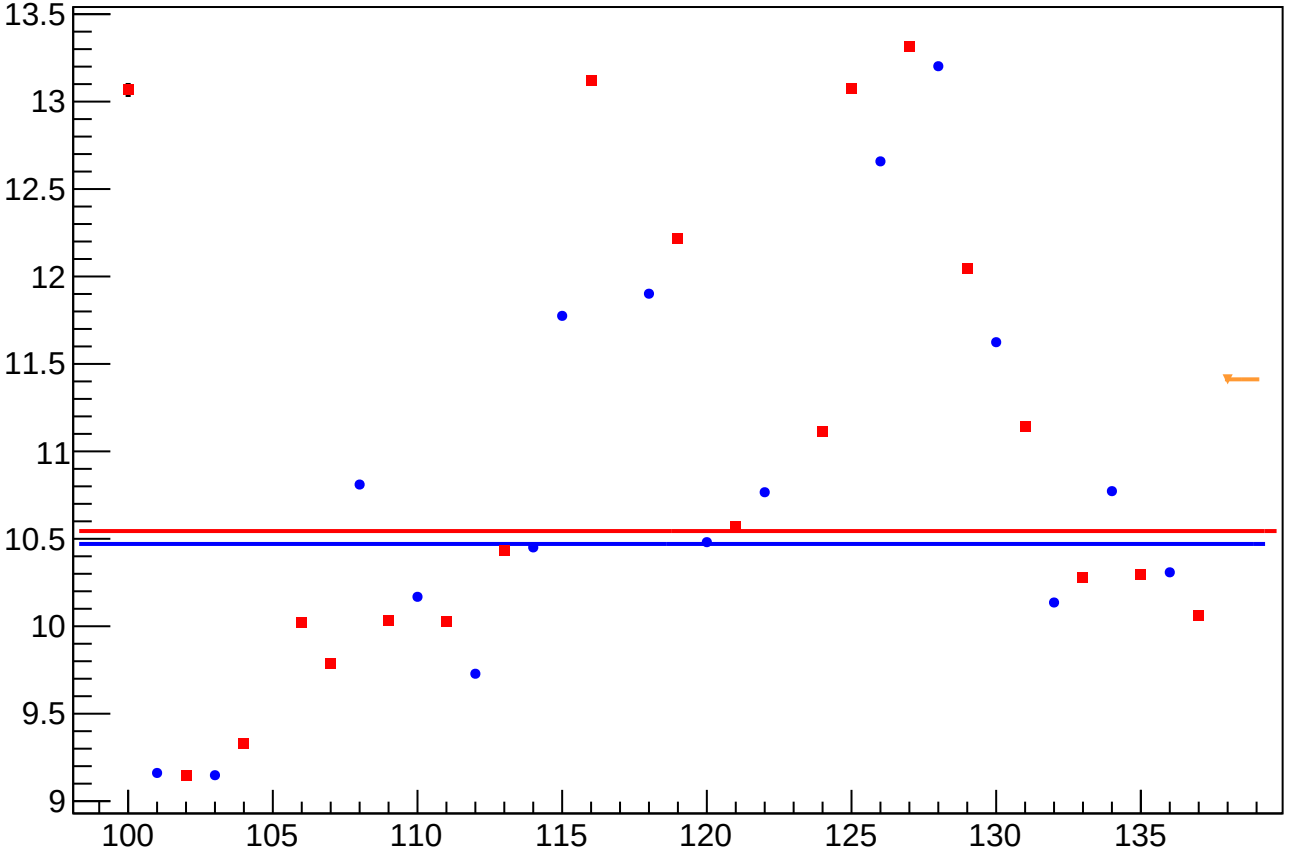
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.535+/-3.775 χ^2/NDF: 14.7/16

All: -6.675+/-2.713 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.471+/-0.003 χ^2/NDF: 157365.8/15

Left Out: 11.412+/-0.009 χ^2/NDF:0.0/0

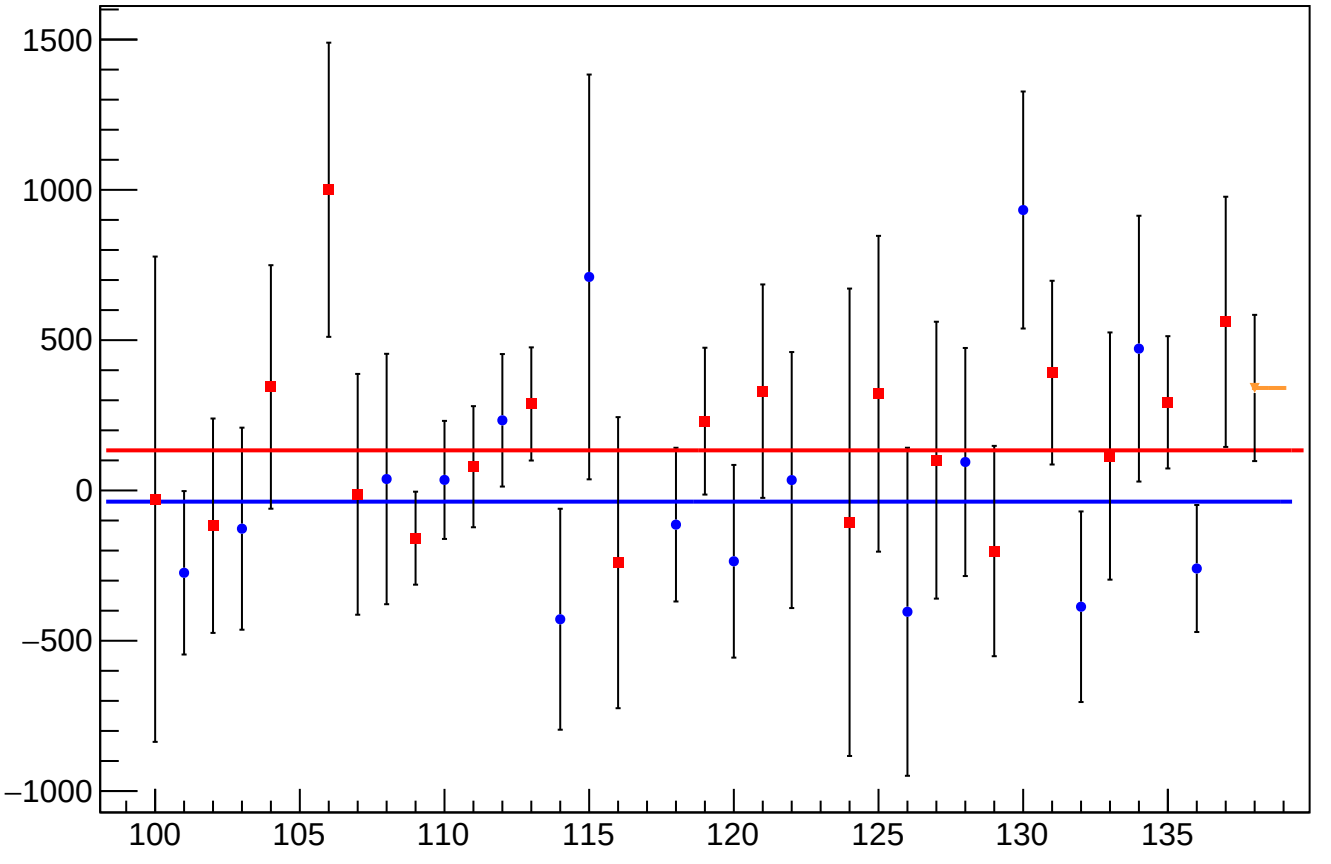
Right Out: 10.544+/-0.003 χ^2/NDF: 186780.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.547+/-0.003 χ^2/NDF: 166682.9/16

All: 10.546+/-0.002 χ^2/NDF: 353463.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -37.241+/-76.915 χ^2/NDF: 15.6/15

Left Out: 340.901+/-243.240 χ^2/NDF:0.0/0

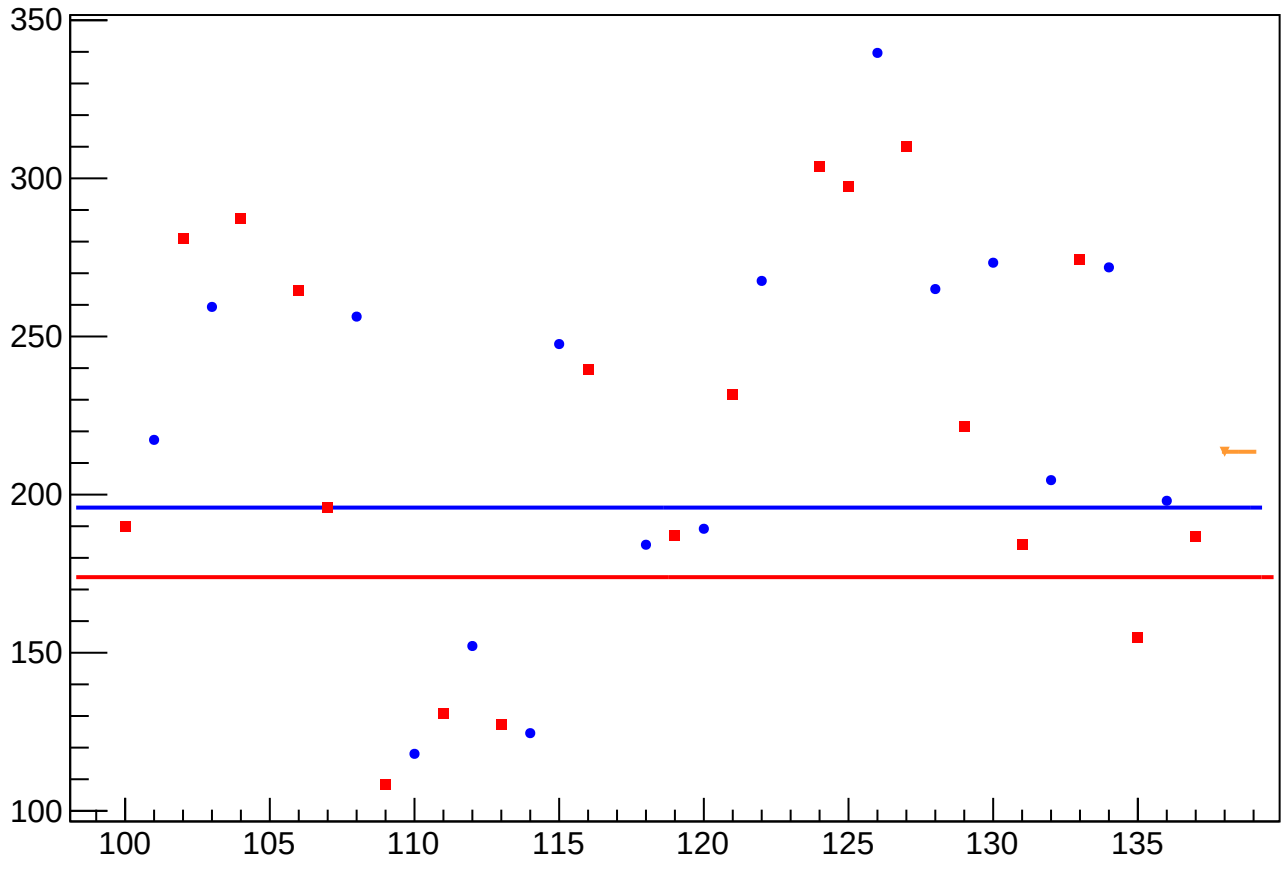
Right Out: 133.386+/-68.885 χ^2/NDF: 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.868+/-73.336 χ^2/NDF: 17.8/16

All: 69.518+/-50.209 χ^2/NDF: 32.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 195.900+/-0.054 χ^2/NDF: 1011012.3/15

Left Out: 213.553+/-0.172 χ^2/NDF:0.0/0

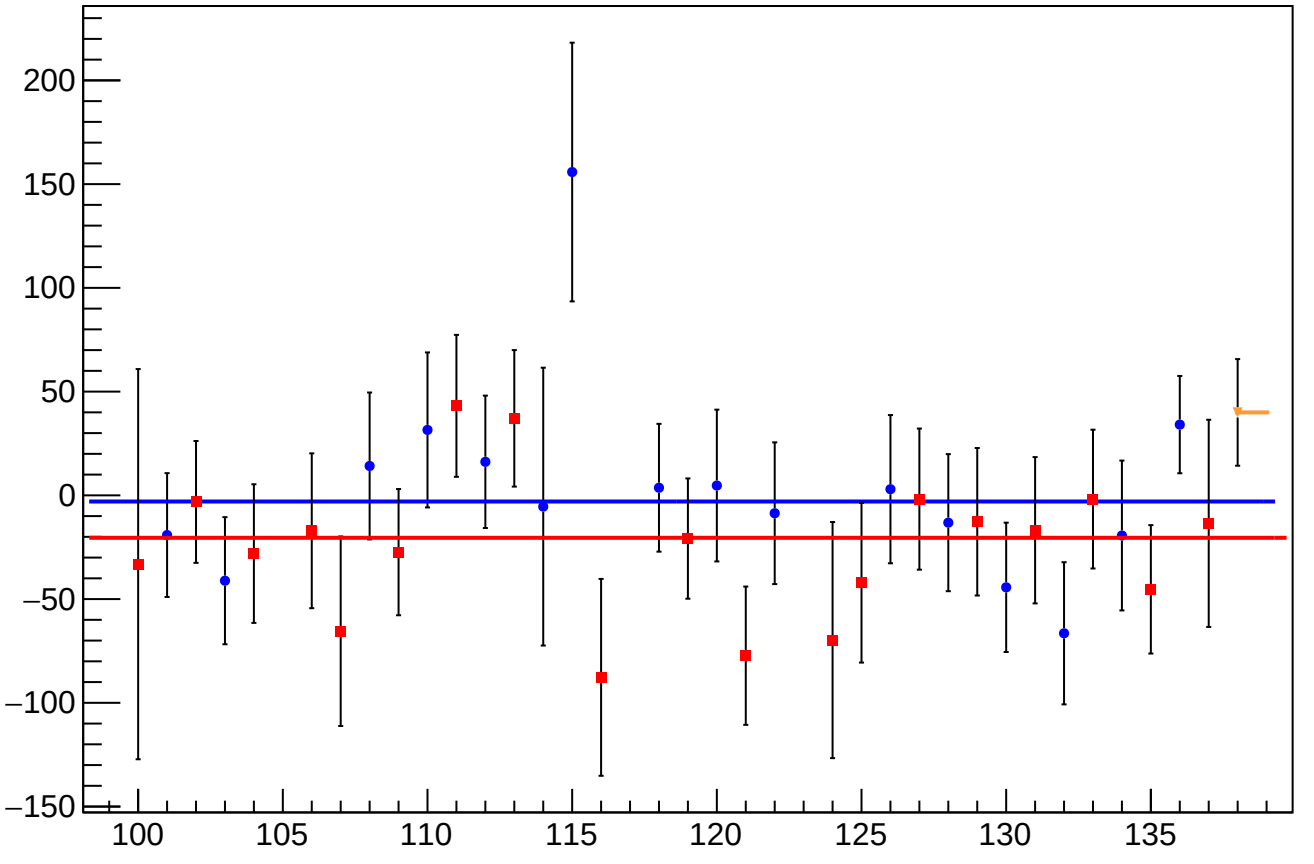
Right Out: 173.901+/-0.049 χ^2/NDF: 1599608.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 197.504+/-0.052 χ^2/NDF: 1020588.7/16

All: 184.965+/-0.036 χ^2/NDF: 2730257.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.967+/-8.454 χ^2/NDF: 17.9/15

Left Out: 39.972+/-25.694 χ^2/NDF:0.0/0

Right Out: -20.457+/-8.292 χ^2/NDF: 15.3/18

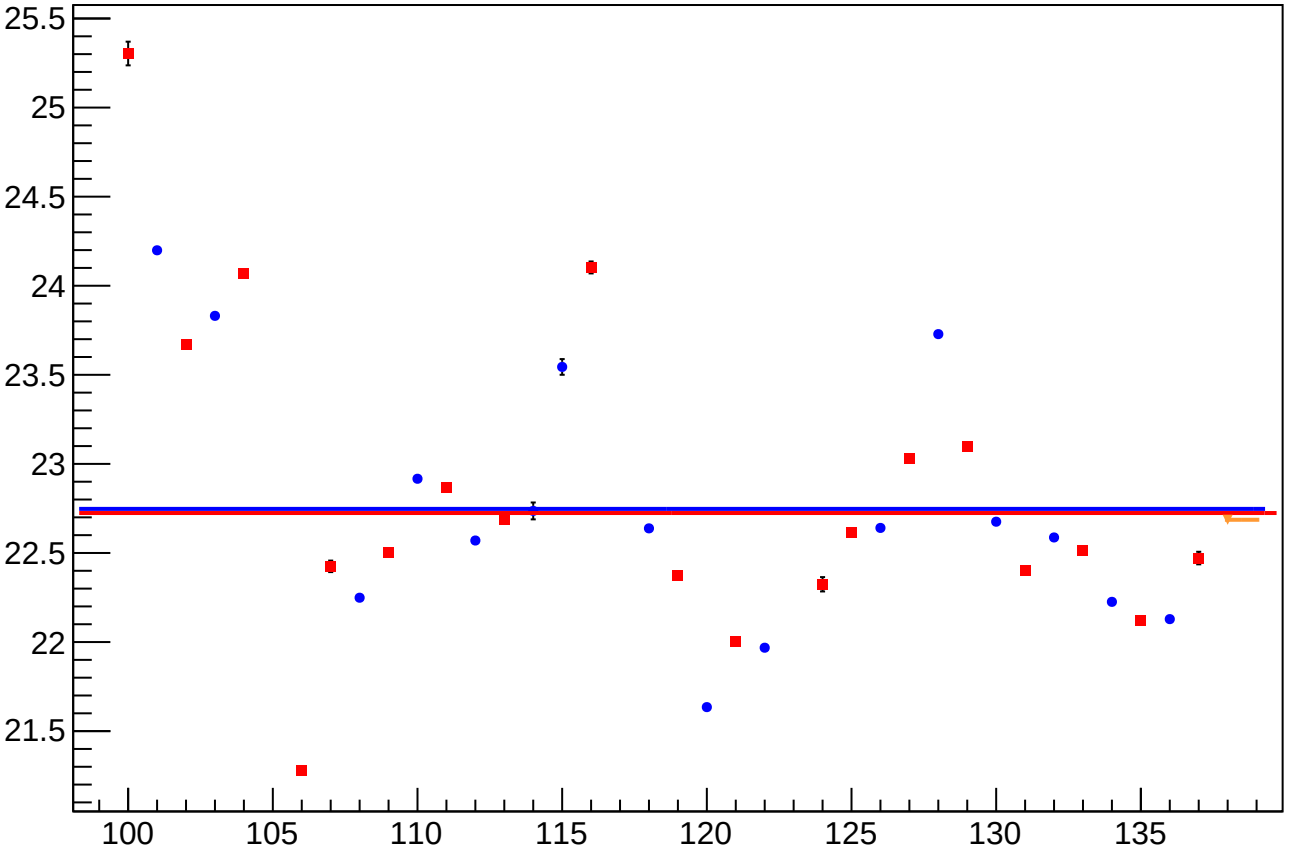
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.227+/-8.031 χ^2/NDF: 20.4/16

All: -9.268+/-5.769 χ^2/NDF: 39.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.747+/-0.006 χ^2/NDF: 14622.8/15

Left Out: 22.686+/-0.018 χ^2/NDF:0.0/0

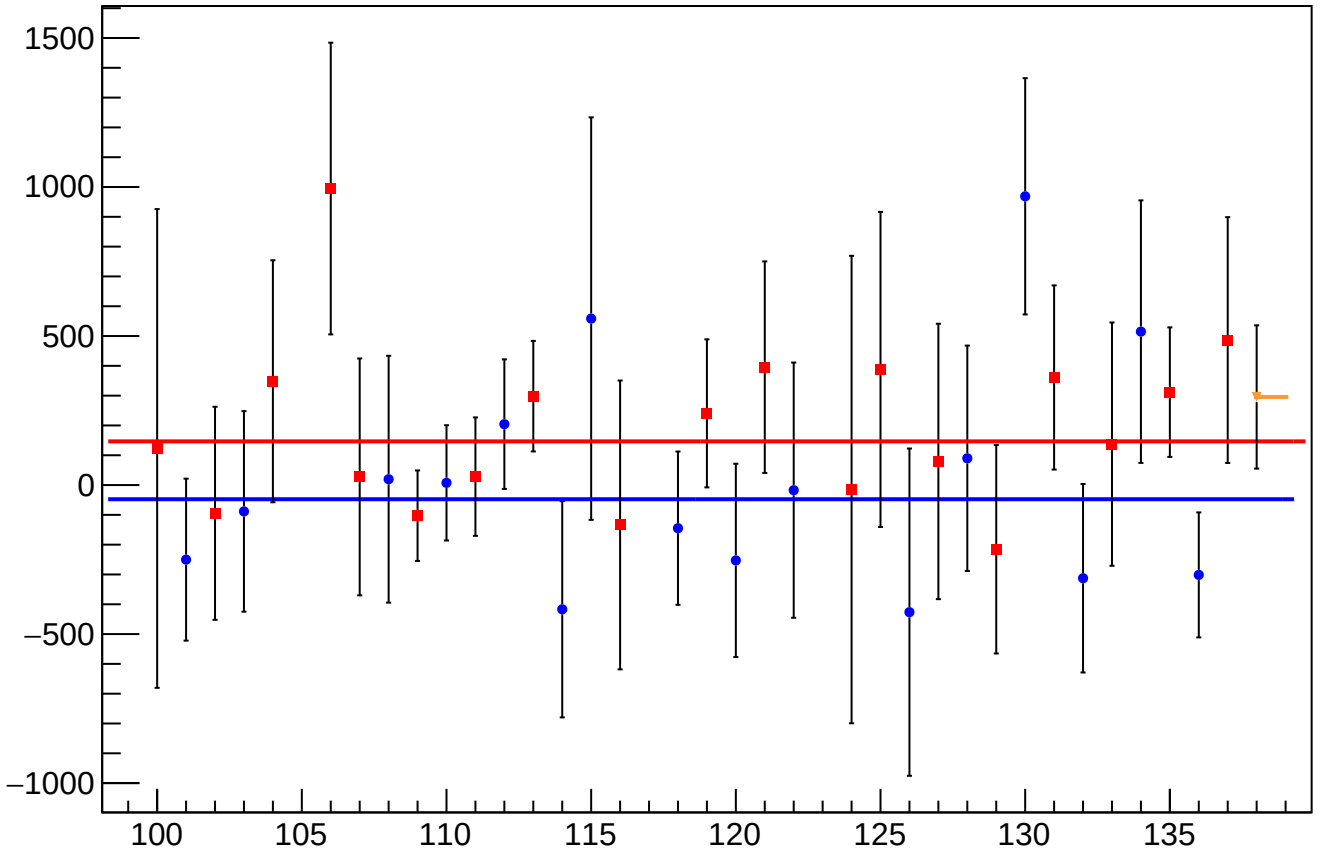
Right Out: 22.724+/-0.006 χ^2/NDF: 14490.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.742+/-0.006 χ^2/NDF: 14633.0/16

All: 22.733+/-0.004 χ^2/NDF: 29128.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -47.523+/-76.571 χ^2/NDF: 15.4/15

Left Out: 295.513+/-240.374 χ^2/NDF:0.0/0

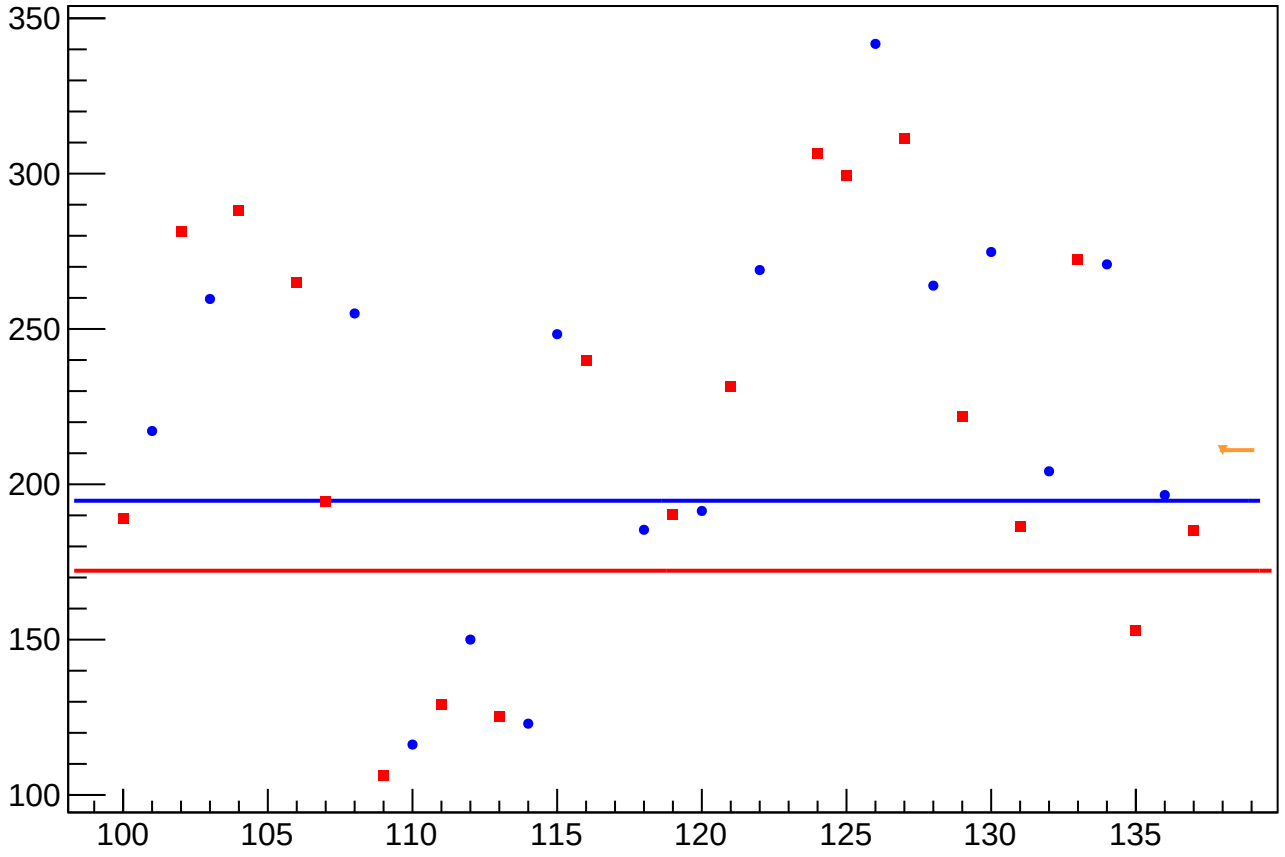
Right Out: 146.573+/-68.398 χ^2/NDF: 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -15.920+/-72.959 χ^2/NDF: 17.2/16

All: 70.564+/-49.899 χ^2/NDF: 31.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 194.708+/-0.054 χ^2/NDF: 1052288.9/15

Left Out: 211.004+/-0.170 χ^2/NDF:0.0/0

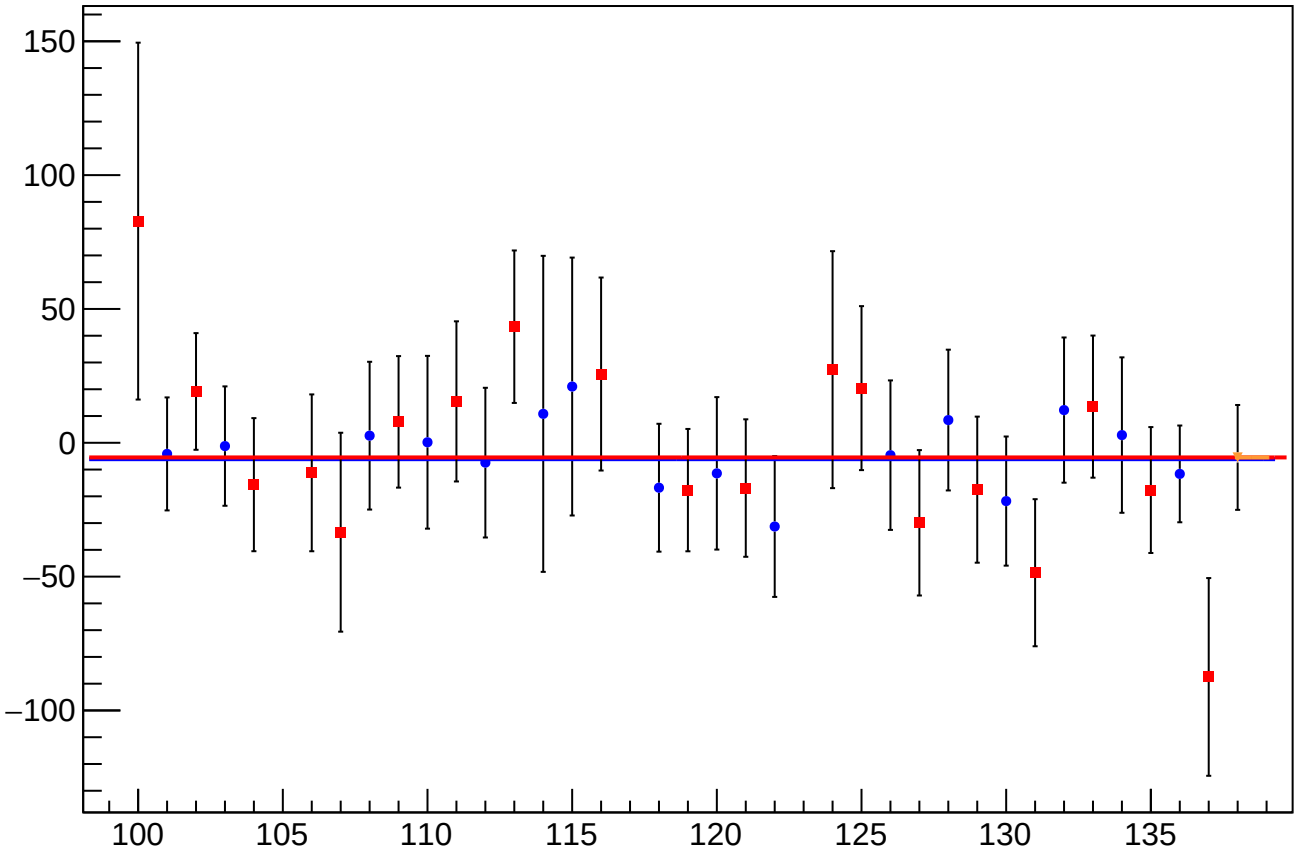
Right Out: 172.186+/-0.048 χ^2/NDF: 1671068.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.209+/-0.052 χ^2/NDF: 1060634.0/16

All: 183.423+/-0.035 χ^2/NDF: 2847110.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -6.119+/-6.592 χ^2/NDF: 3.1/15

Left Out: -5.466+/-19.589 χ^2/NDF:0.0/0

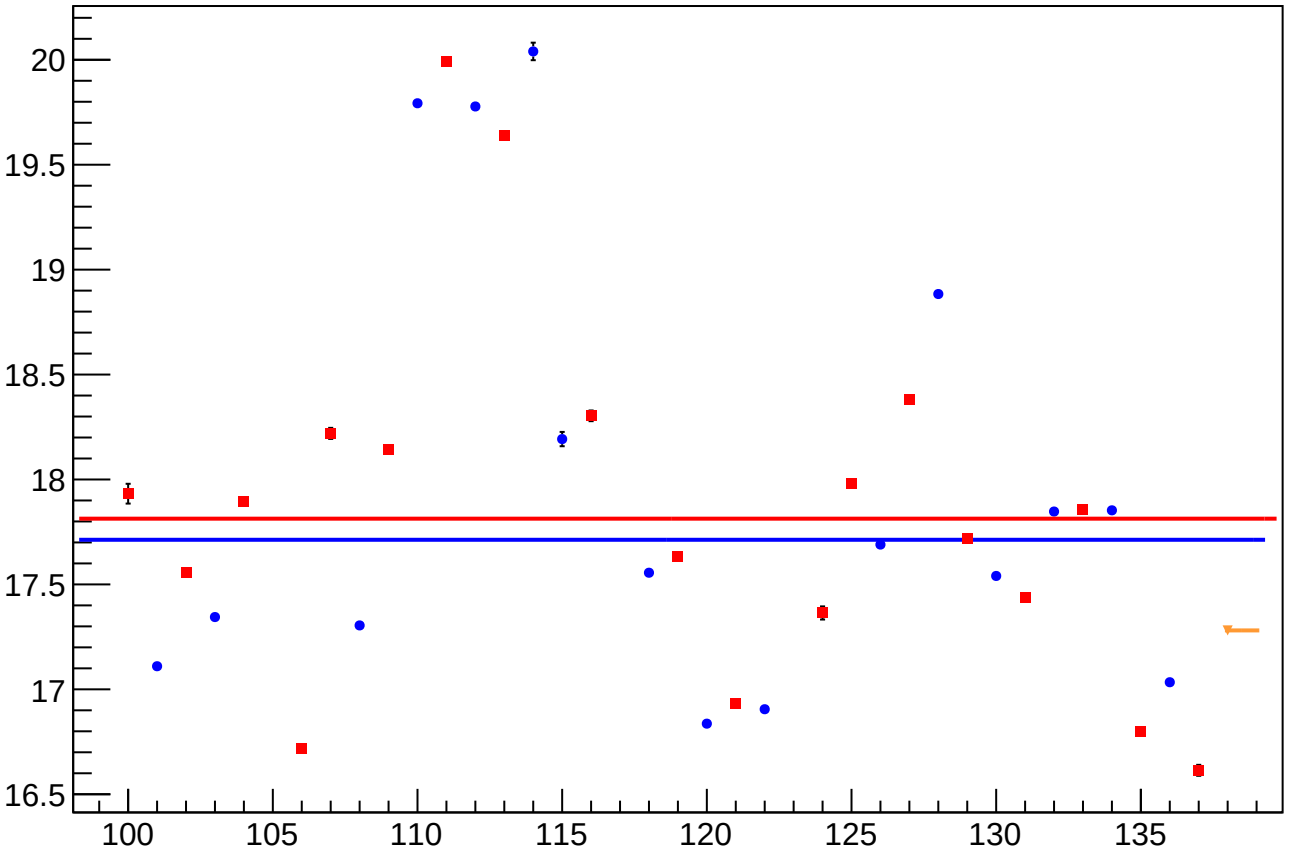
Right Out: -5.470+/-6.509 χ^2/NDF: 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.053+/-6.248 χ^2/NDF: 3.1/16

All: -5.773+/-4.507 χ^2/NDF: 22.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17.713+/-0.005 χ^2/NDF: 35983.5/15

Left Out: 17.281+/-0.014 χ^2/NDF:0.0/0

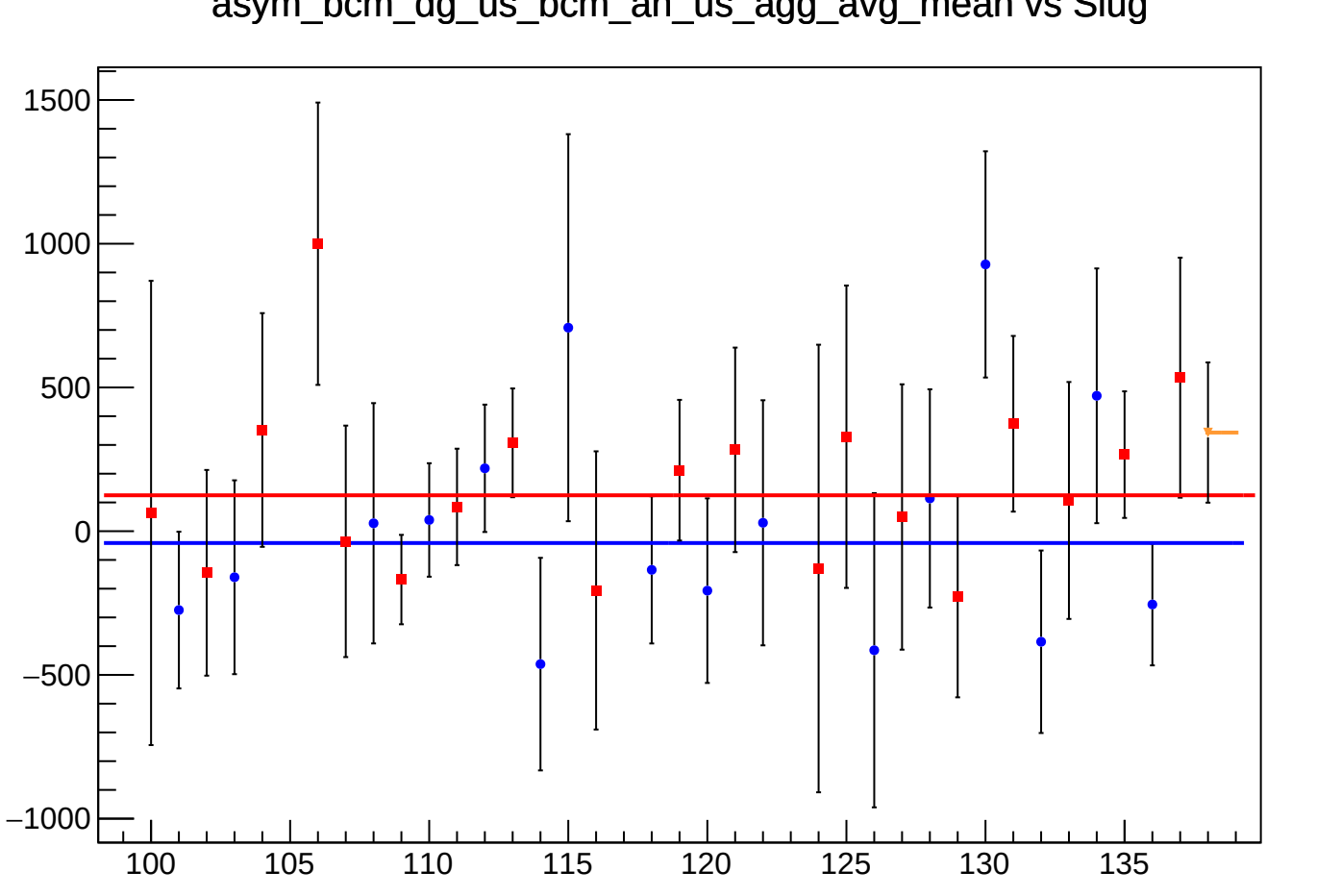
Right Out: 17.813+/-0.005 χ^2/NDF: 32713.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.669+/-0.004 χ^2/NDF: 36856.9/16

All: 17.738+/-0.003 χ^2/NDF: 70083.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -41.114+/-77.139 χ^2/NDF: 15.6/15

Left Out: 343.110+/-243.899 χ^2/NDF:0.0/0

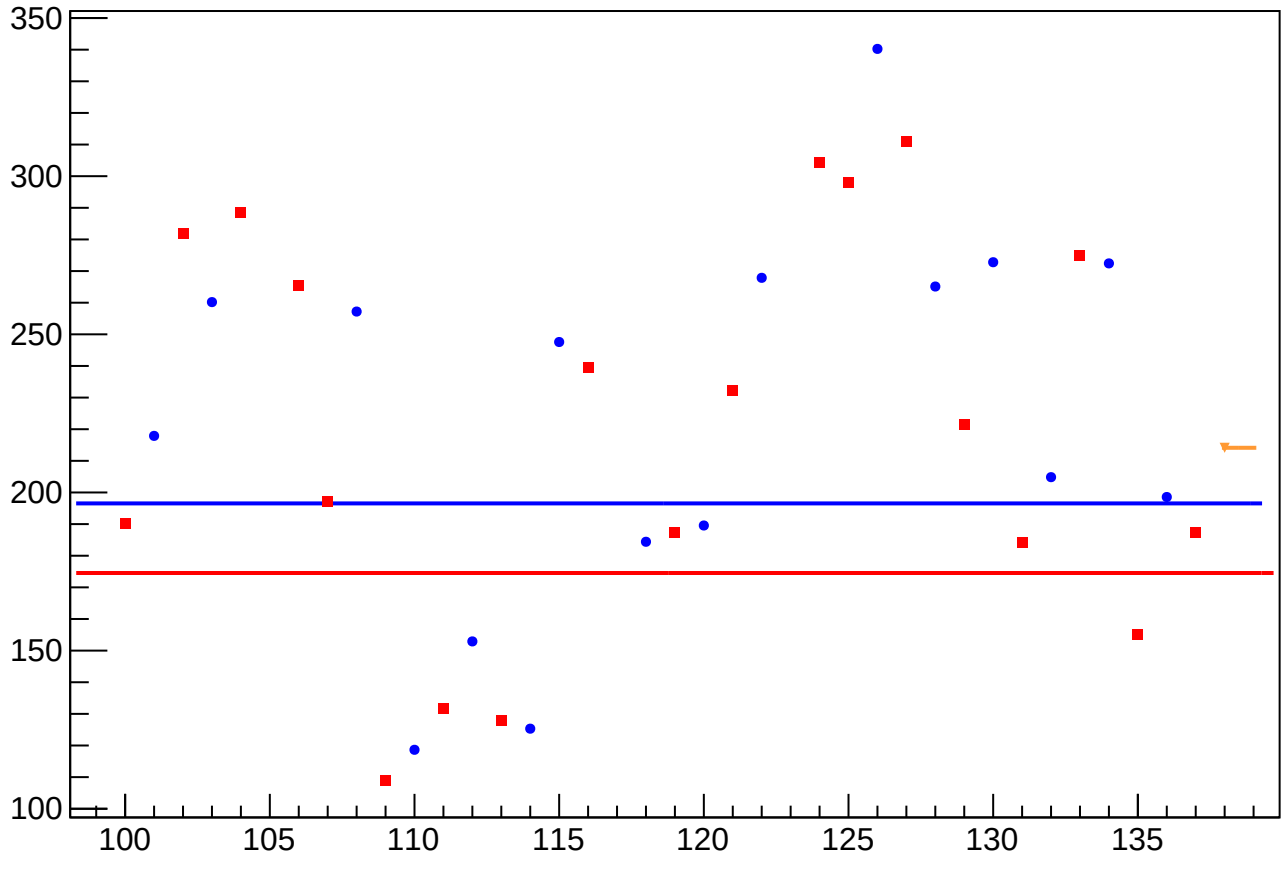
Right Out: 124.872+/-69.109 χ^2/NDF: 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.176+/-73.548 χ^2/NDF: 17.9/16

All: 63.423+/-50.364 χ^2/NDF: 32.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 196.542+/-0.055 χ^2/NDF: 1000770.4/15

Left Out: 214.128+/-0.172 χ^2/NDF:0.0/0

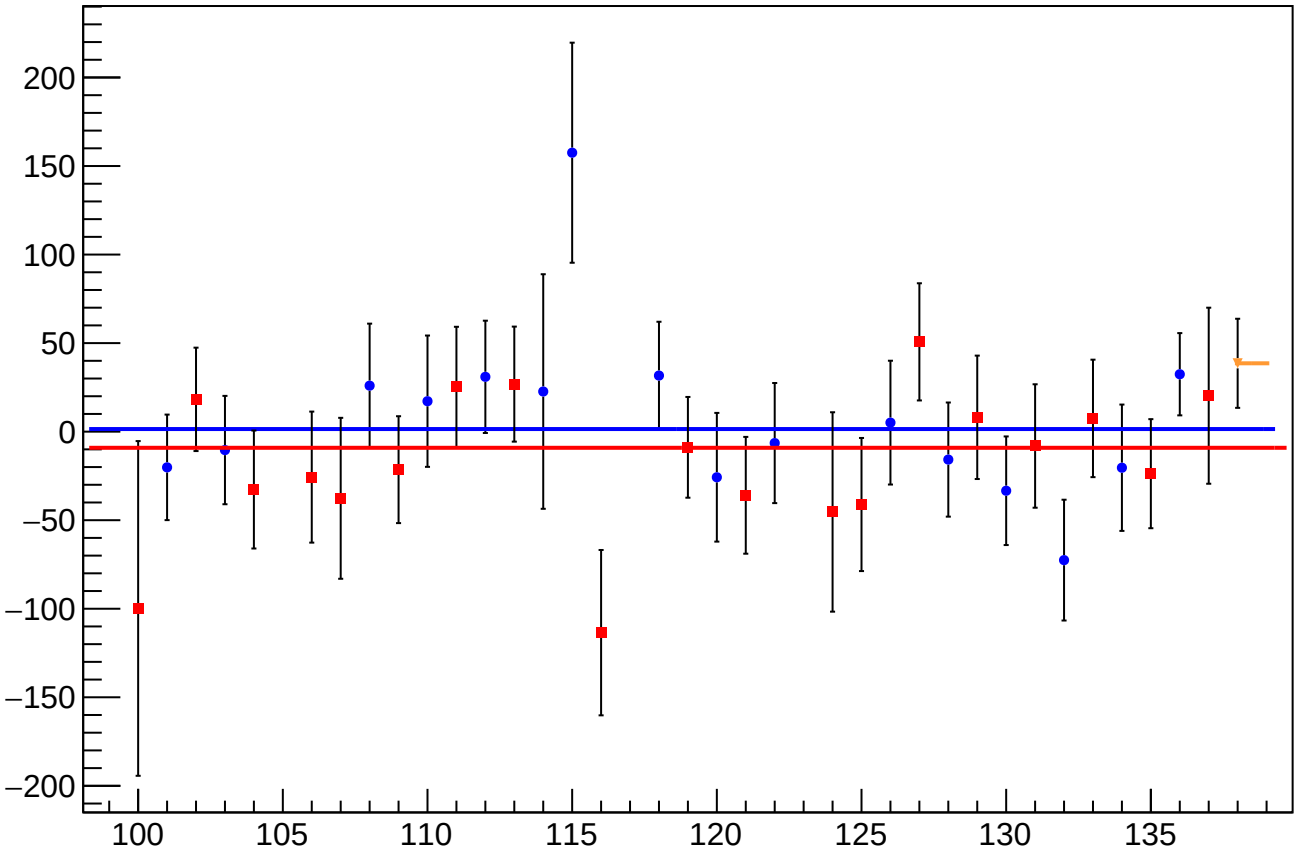
Right Out: 174.540+/-0.049 χ^2/NDF: 1588725.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 198.141+/-0.052 χ^2/NDF: 1010222.6/16

All: 185.607+/-0.036 χ^2/NDF: 2708326.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.475+/-8.370 χ^2/NDF: 18.7/15

Left Out: 38.596+/-25.155 χ^2/NDF:0.0/0

Right Out: -9.113+/-8.198 χ^2/NDF: 16.5/18

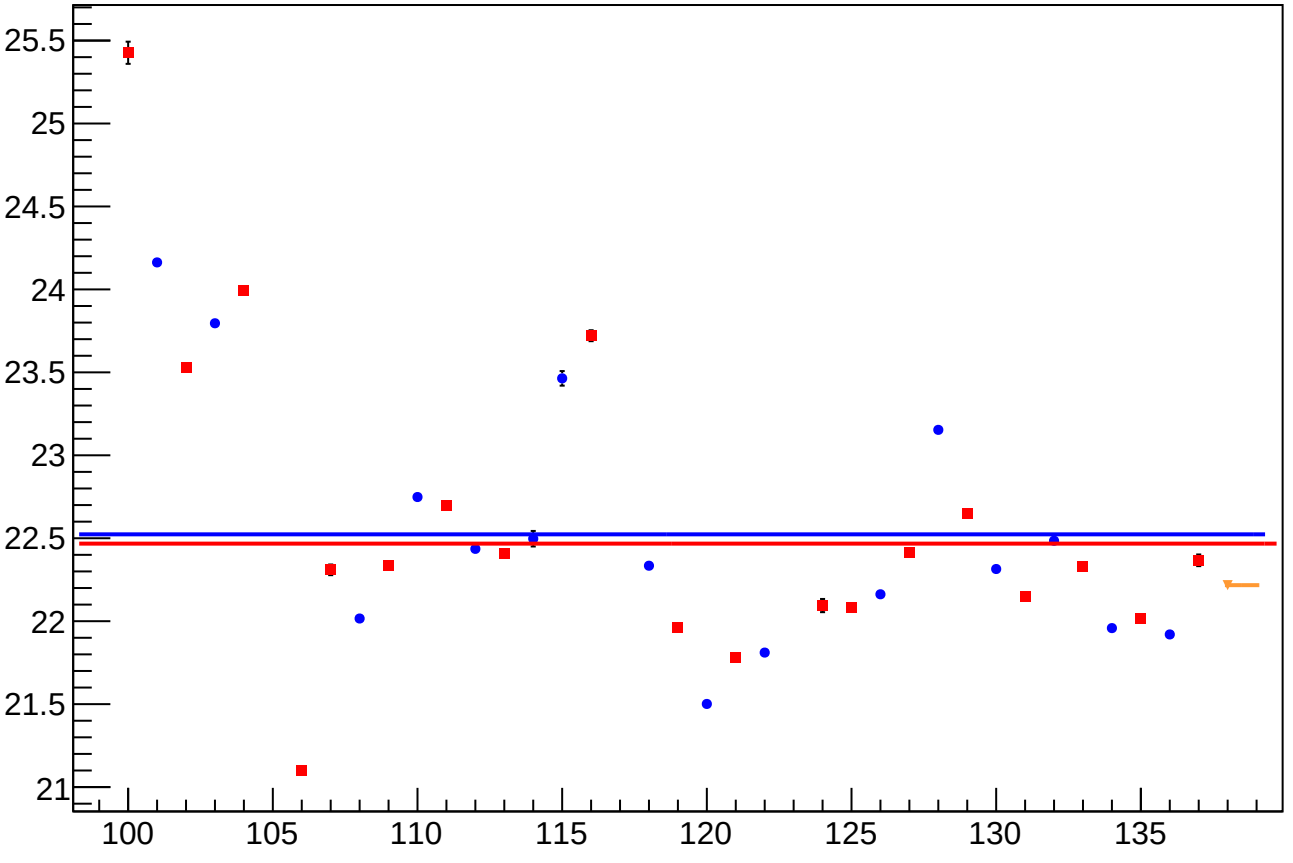
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.176+/-7.942 χ^2/NDF: 20.6/16

All: -1.743+/-5.704 χ^2/NDF: 38.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.524+/-0.006 χ^2/NDF: 15947.8/15

Left Out: 22.217+/-0.018 χ^2/NDF:0.0/0

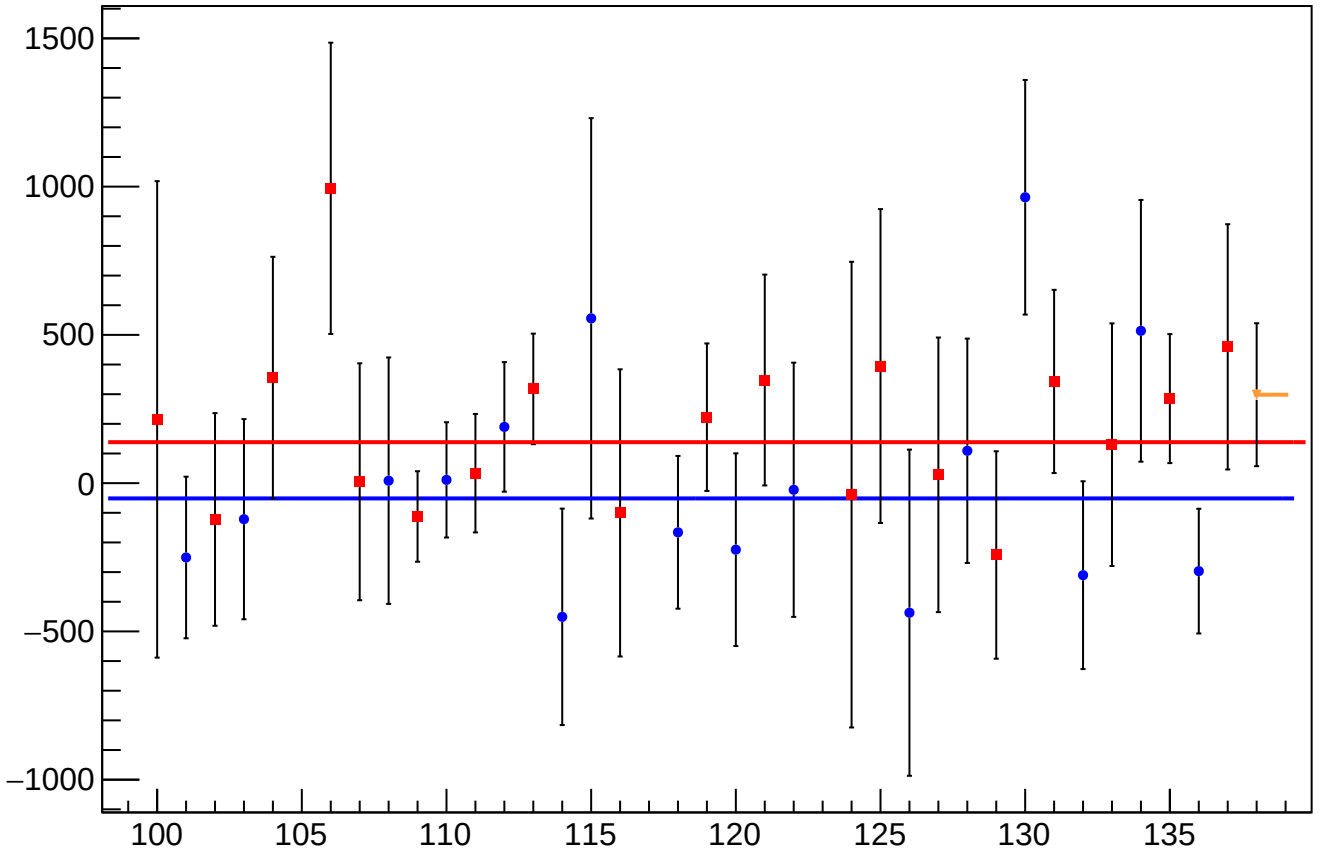
Right Out: 22.468+/-0.006 χ^2/NDF: 15626.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.493+/-0.006 χ^2/NDF: 16214.8/16

All: 22.481+/-0.004 χ^2/NDF: 31851.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -51.492+/-76.798 χ^2/NDF: 15.3/15

Left Out: 298.257+/-241.035 χ^2/NDF:0.0/0

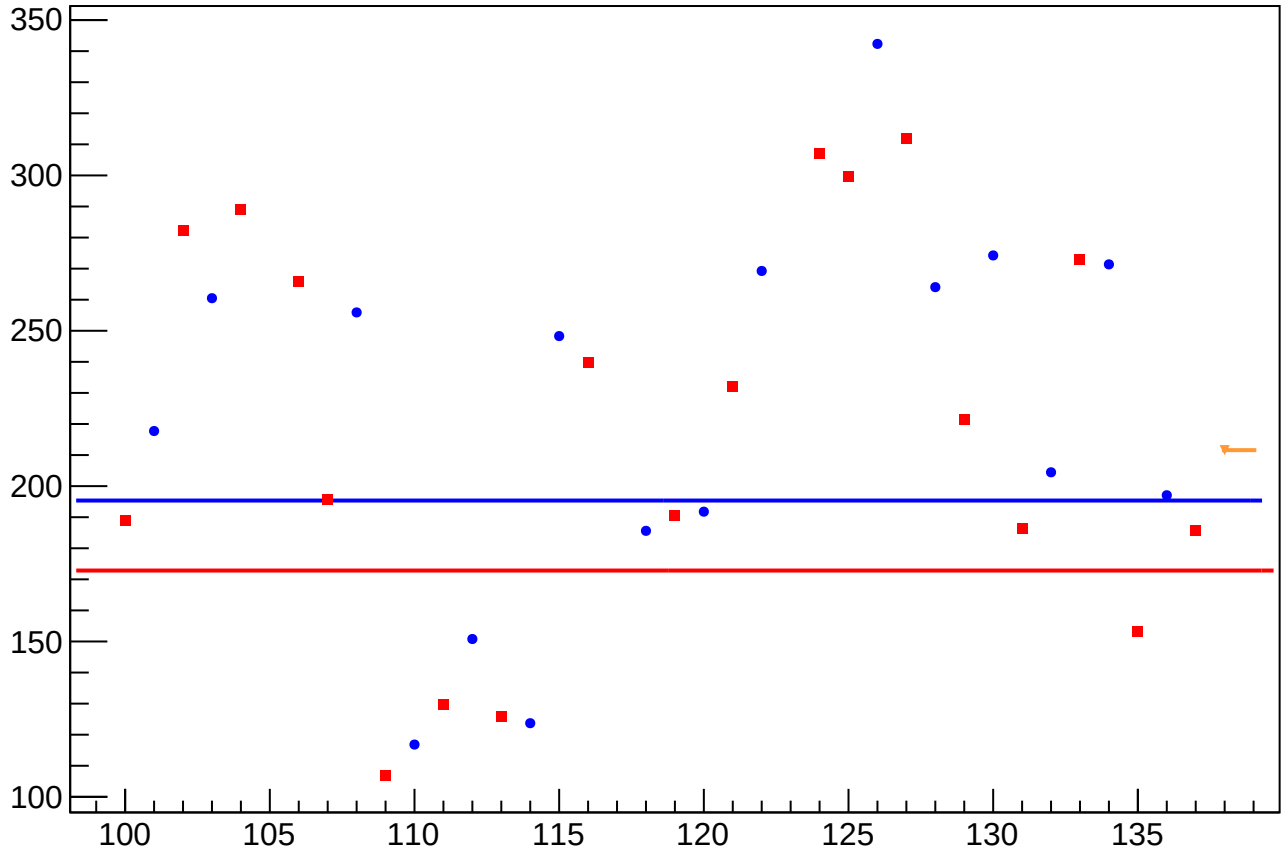
Right Out: 138.184+/-68.625 χ^2/NDF: 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -19.259+/-73.173 χ^2/NDF: 17.3/16

All: 64.508+/-50.056 χ^2/NDF: 31.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 195.361+/-0.054 χ^2/NDF: 1041432.1/15

Left Out: 211.582+/-0.170 χ^2/NDF:0.0/0

Right Out: 172.837+/-0.049 χ^2/NDF: 1659430.2/18

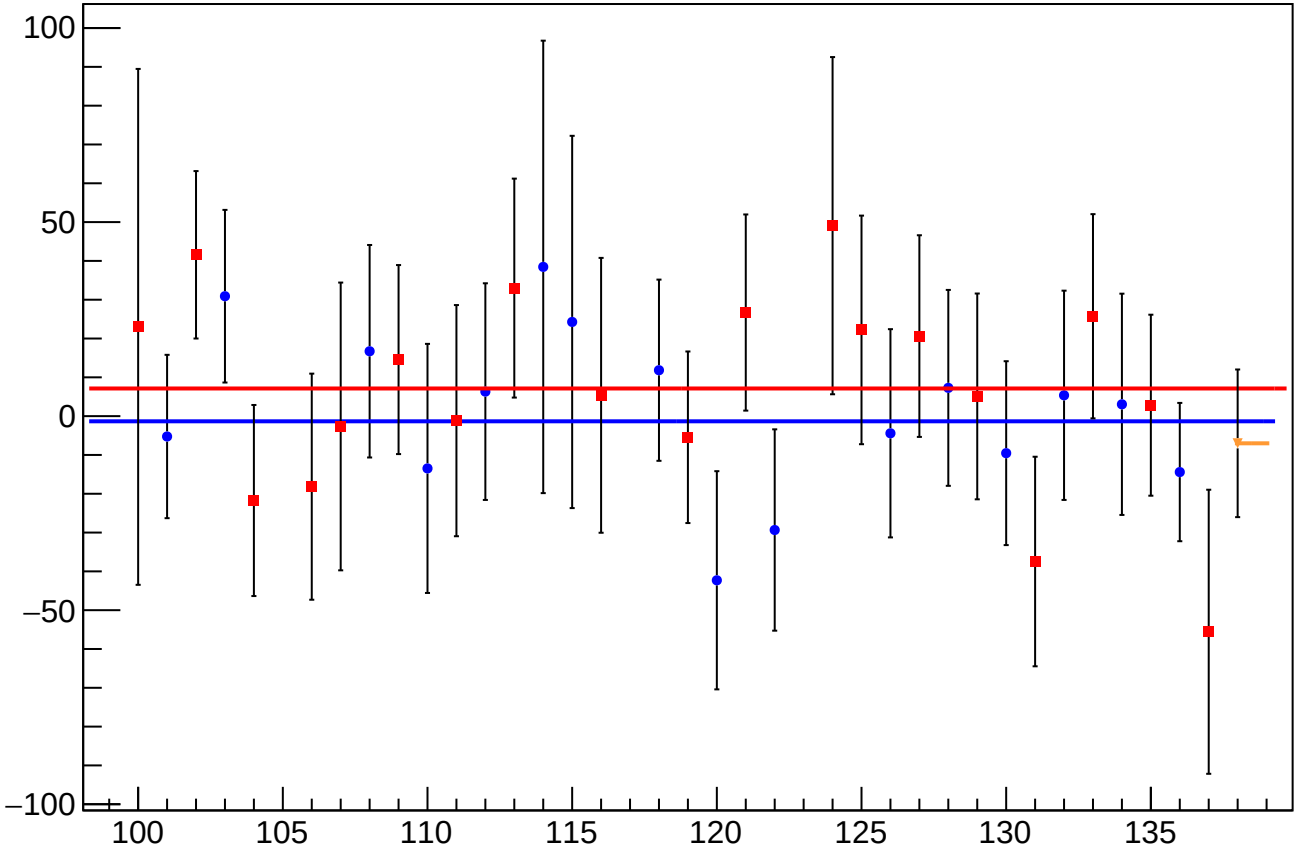
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.856+/-0.052 χ^2/NDF: 1049655.1/16

All: 184.077+/-0.035 χ^2/NDF: 2823736.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: -1.331+/-6.499 χ^2/NDF: 8.0/15

Left Out: -7.002+/-19.023 χ^2/NDF:0.0/0

Right Out: 7.126+/-6.402 χ^2/NDF: 14.4/18

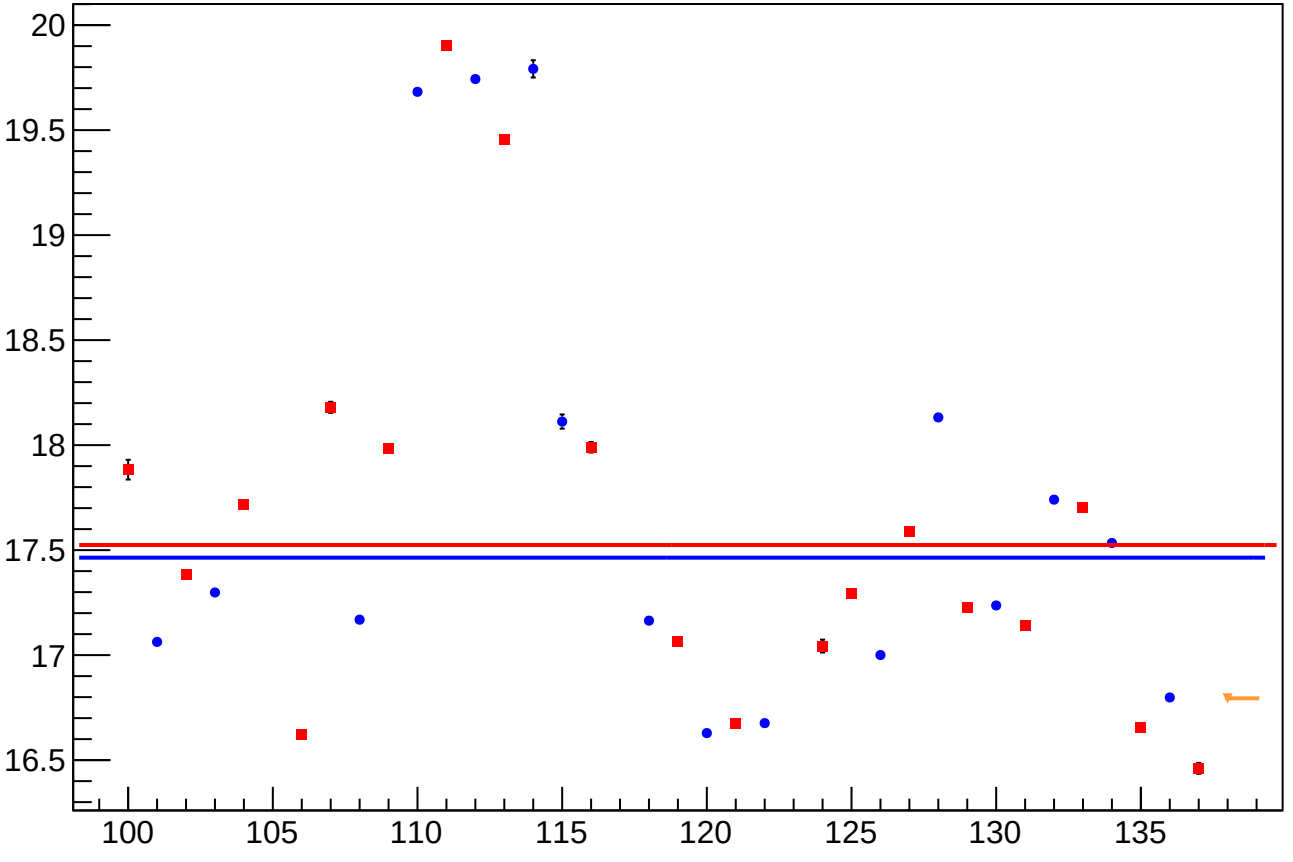
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.924+/-6.150 χ^2/NDF: 8.1/16

All: 2.419+/-4.435 χ^2/NDF: 23.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.464+/-0.005 χ^2/NDF: 36650.1/15

Left Out: 16.794+/-0.013 χ^2/NDF:0.0/0

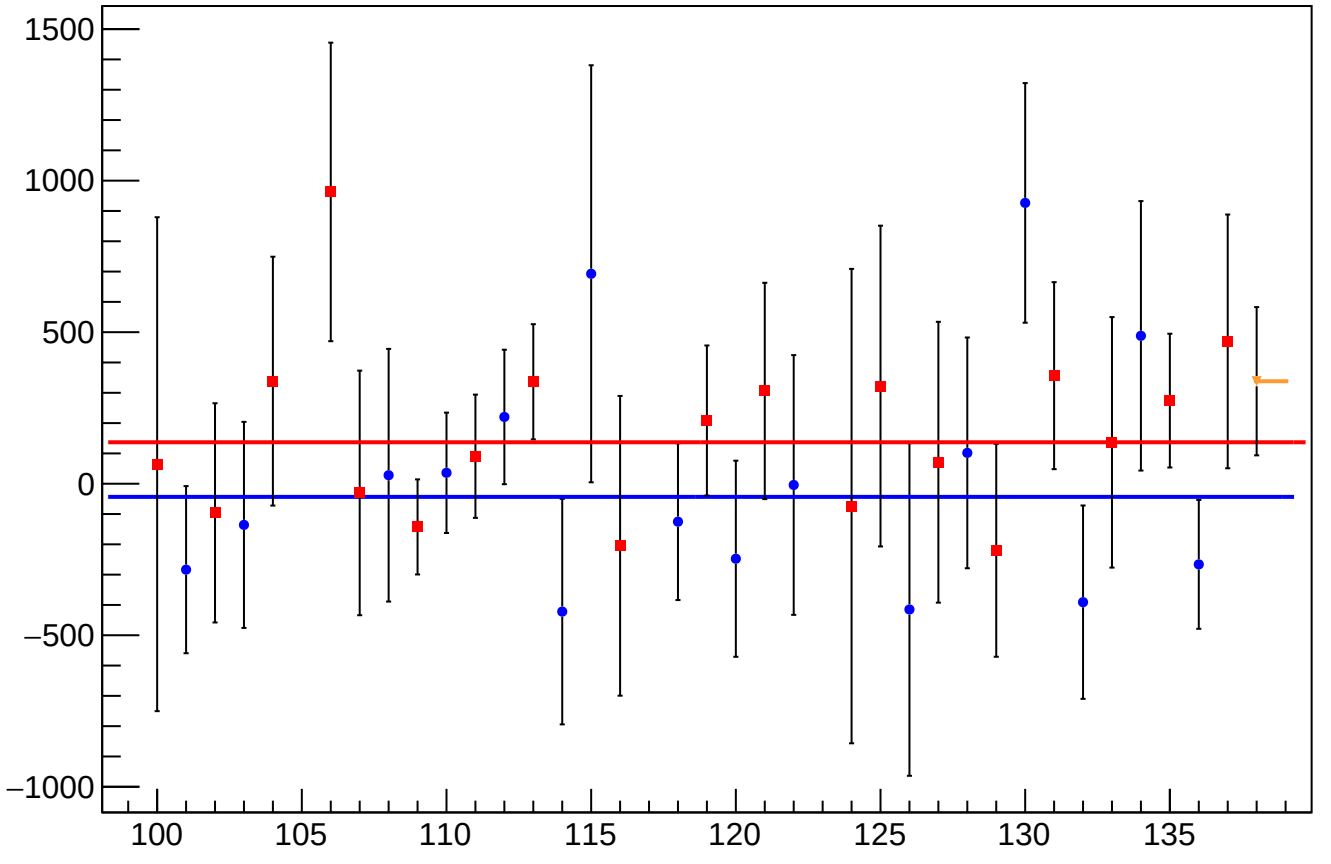
Right Out: 17.524+/-0.005 χ^2/NDF: 34726.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.394+/-0.004 χ^2/NDF: 38870.7/16

All: 17.457+/-0.003 χ^2/NDF: 74026.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -43.384+/-77.584 χ^2/NDF: 15.5/15

Left Out: 338.188+/-244.573 χ^2/NDF:0.0/0

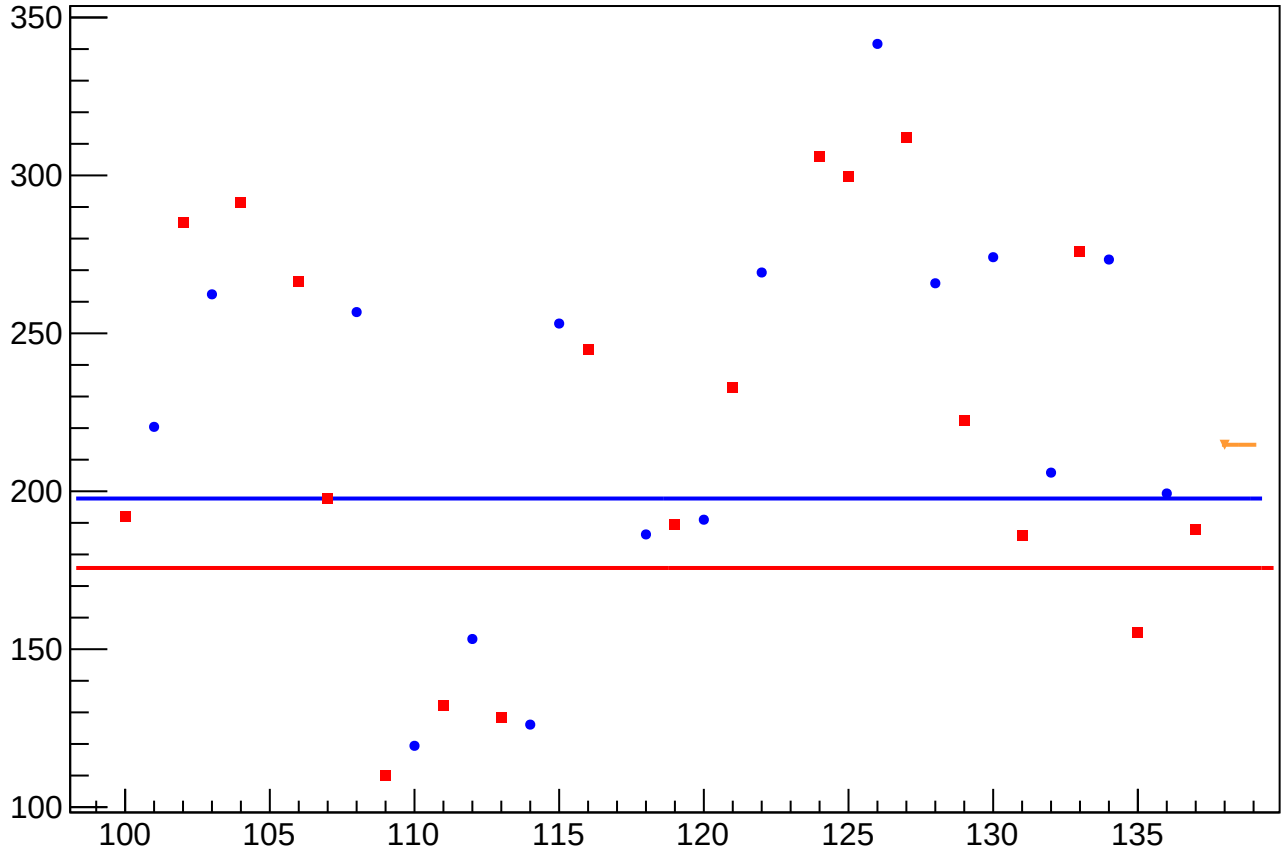
Right Out: 136.778+/-69.557 χ^2/NDF: 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -8.497+/-73.952 χ^2/NDF: 17.7/16

All: 68.586+/-50.667 χ^2/NDF: 31.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 197.707+/-0.055 χ^2/NDF: 1000324.6/15

Left Out: 214.726+/-0.173 χ^2/NDF:0.0/0

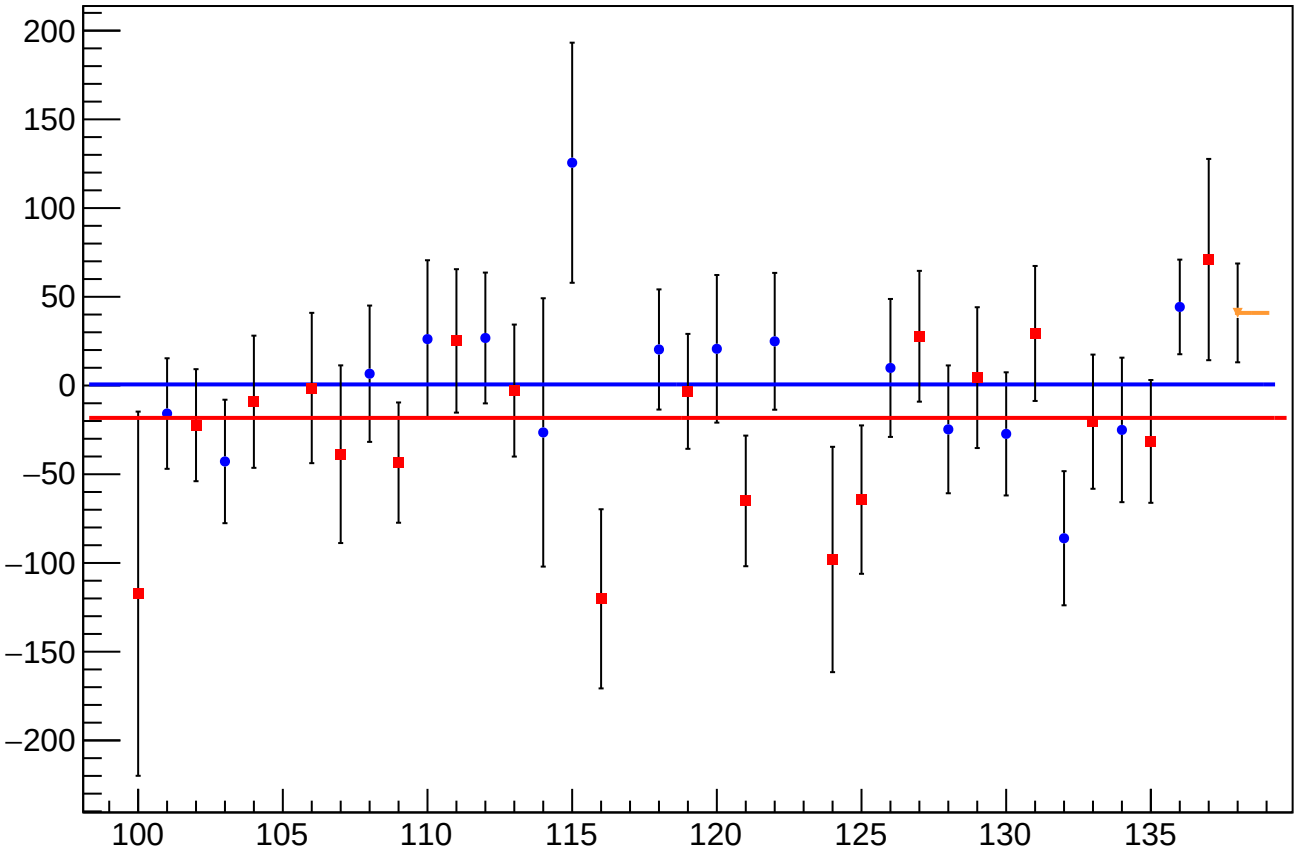
Right Out: 175.716+/-0.049 χ^2/NDF: 1590559.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 199.263+/-0.052 χ^2/NDF: 1009123.2/16

All: 186.769+/-0.036 χ^2/NDF: 2707277.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.619+/-9.421 χ^2/NDF: 16.7/15

Left Out: 40.923+/-27.843 χ^2/NDF:0.0/0

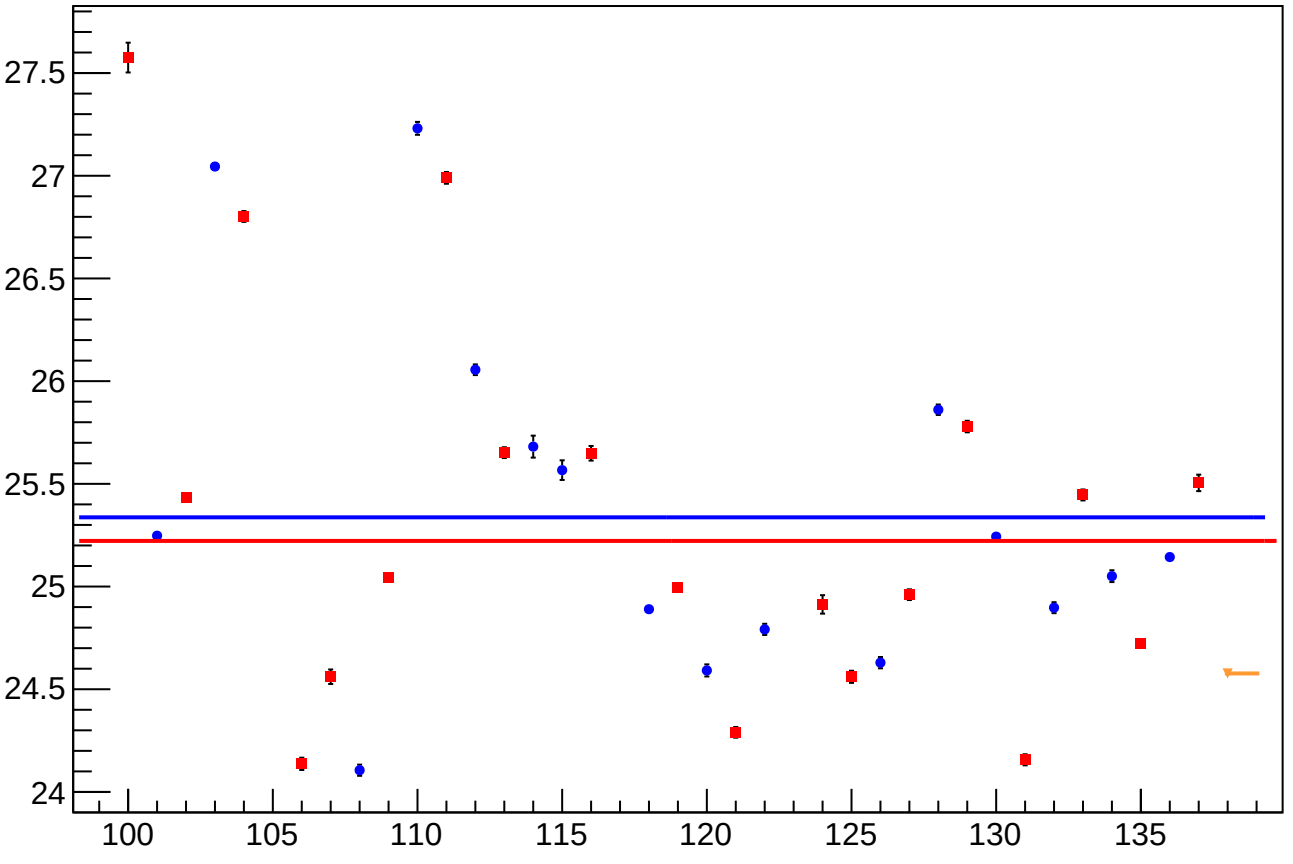
Right Out: -18.248+/-9.208 χ^2/NDF: 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.760+/-8.924 χ^2/NDF: 18.6/16

All: -6.384+/-6.409 χ^2/NDF: 39.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 25.337+/-0.007 χ^2/NDF: 14315.0/15

Left Out: 24.577+/-0.020 χ^2/NDF:0.0/0

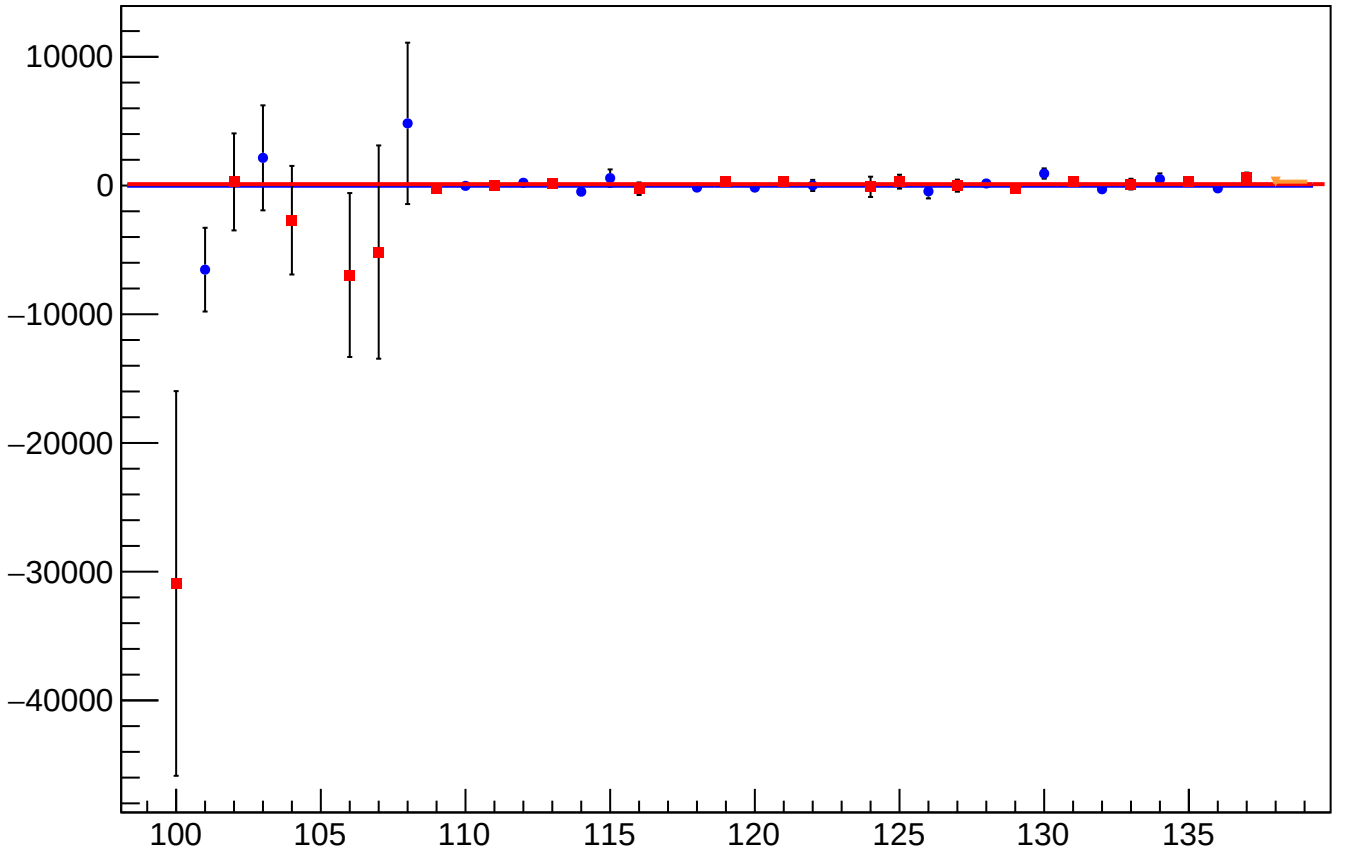
Right Out: 25.222+/-0.007 χ^2/NDF: 15224.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.259+/-0.006 χ^2/NDF: 15652.3/16

All: 25.241+/-0.005 χ^2/NDF: 30893.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -15.450+/-84.701 χ^2/NDF: 18.3/15

Left Out: 302.754+/-240.496 χ^2/NDF:0.0/0

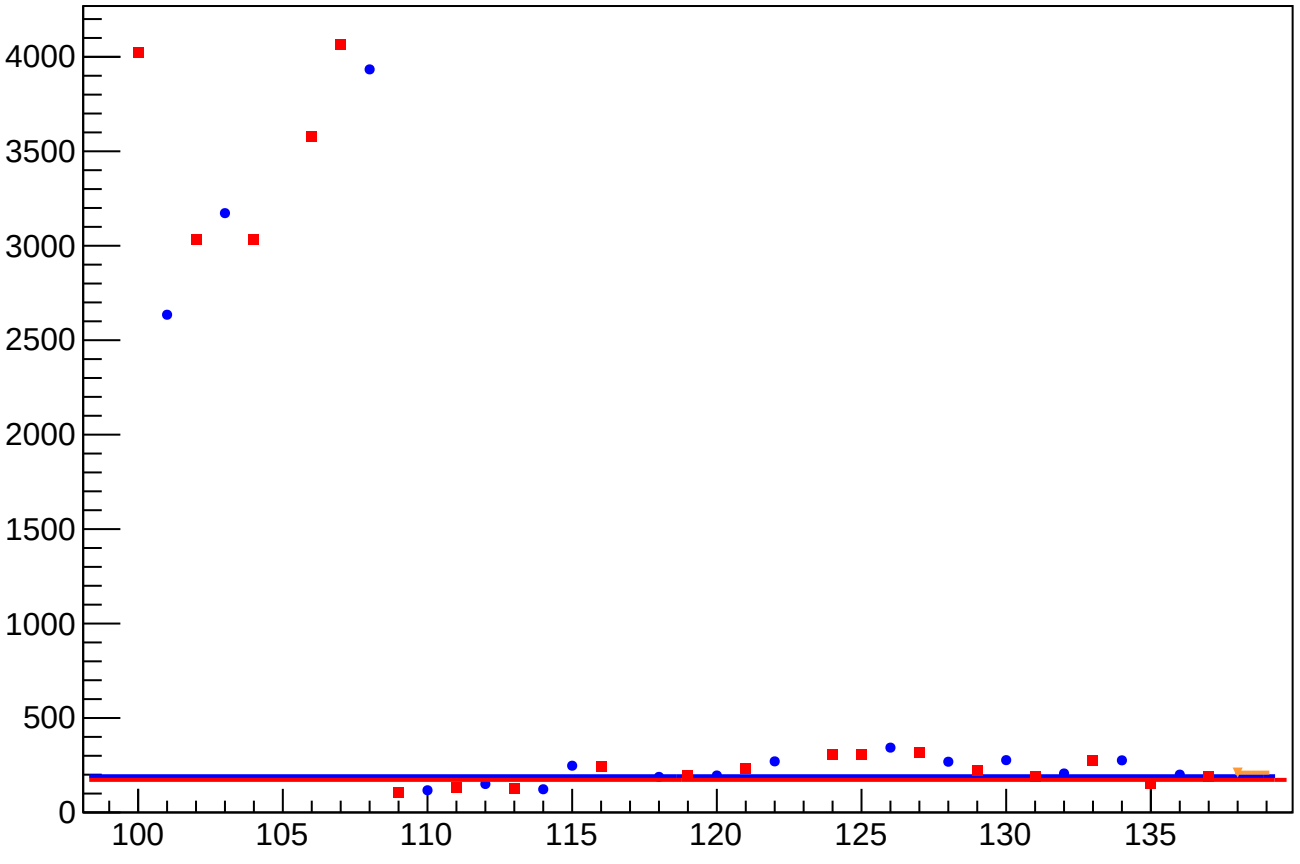
Right Out: 108.825+/-78.099 χ^2/NDF: 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.664+/-79.891 χ^2/NDF: 19.9/16

All: 65.256+/-55.847 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 191.736+/-0.060 χ^2/NDF: 3821804.2/15

Left Out: 210.923+/-0.170 χ^2/NDF:0.0/0

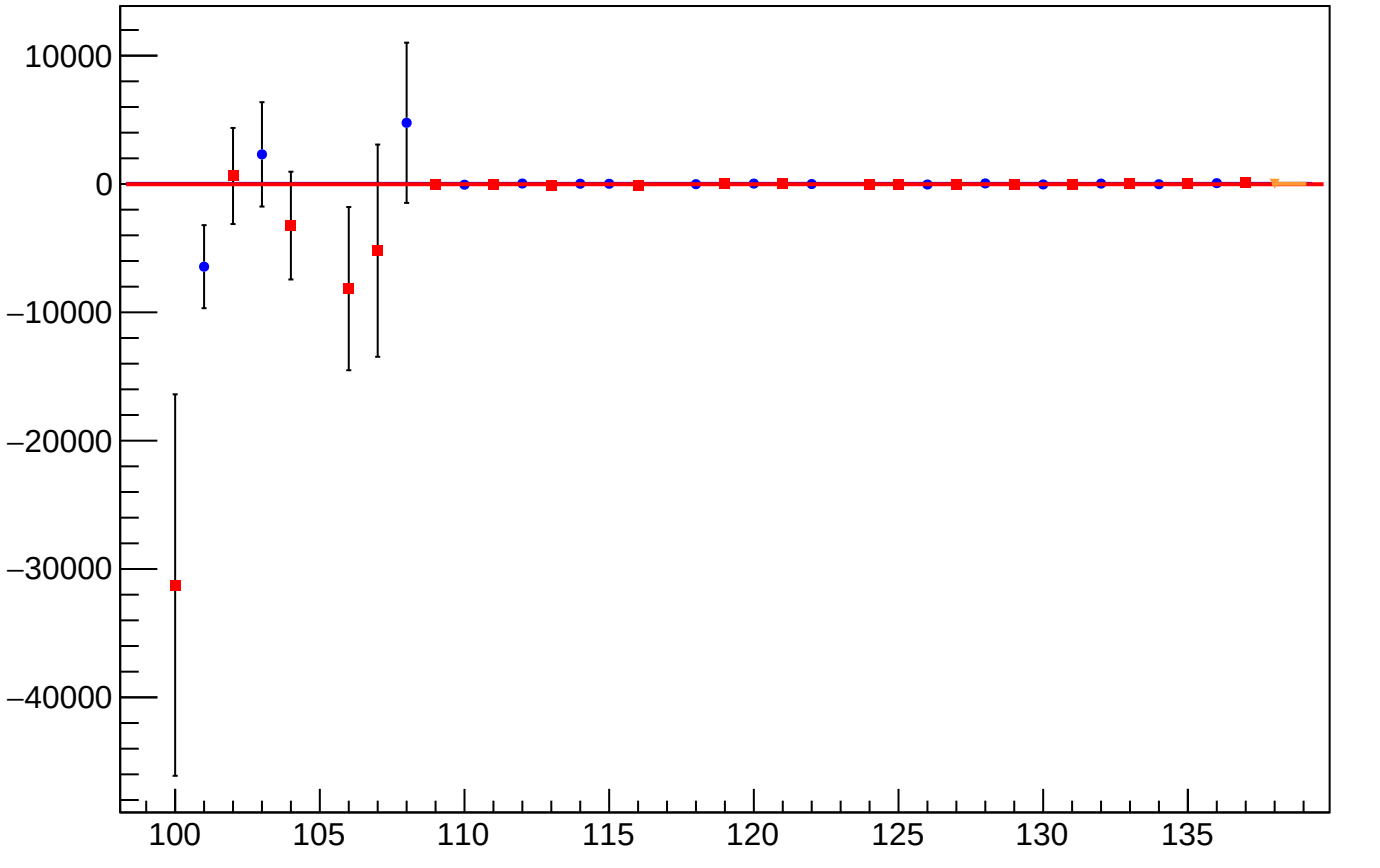
Right Out: 172.462+/-0.055 χ^2/NDF: 4303129.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 193.853+/-0.056 χ^2/NDF: 3833130.0/16

All: 182.915+/-0.039 χ^2/NDF: 8209575.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 9.576+/-11.685 χ^2/NDF: 16.0/15

Left Out: 19.149+/-31.604 χ^2/NDF:0.0/0

Right Out: -18.105+/-11.805 χ^2/NDF: 24.8/18

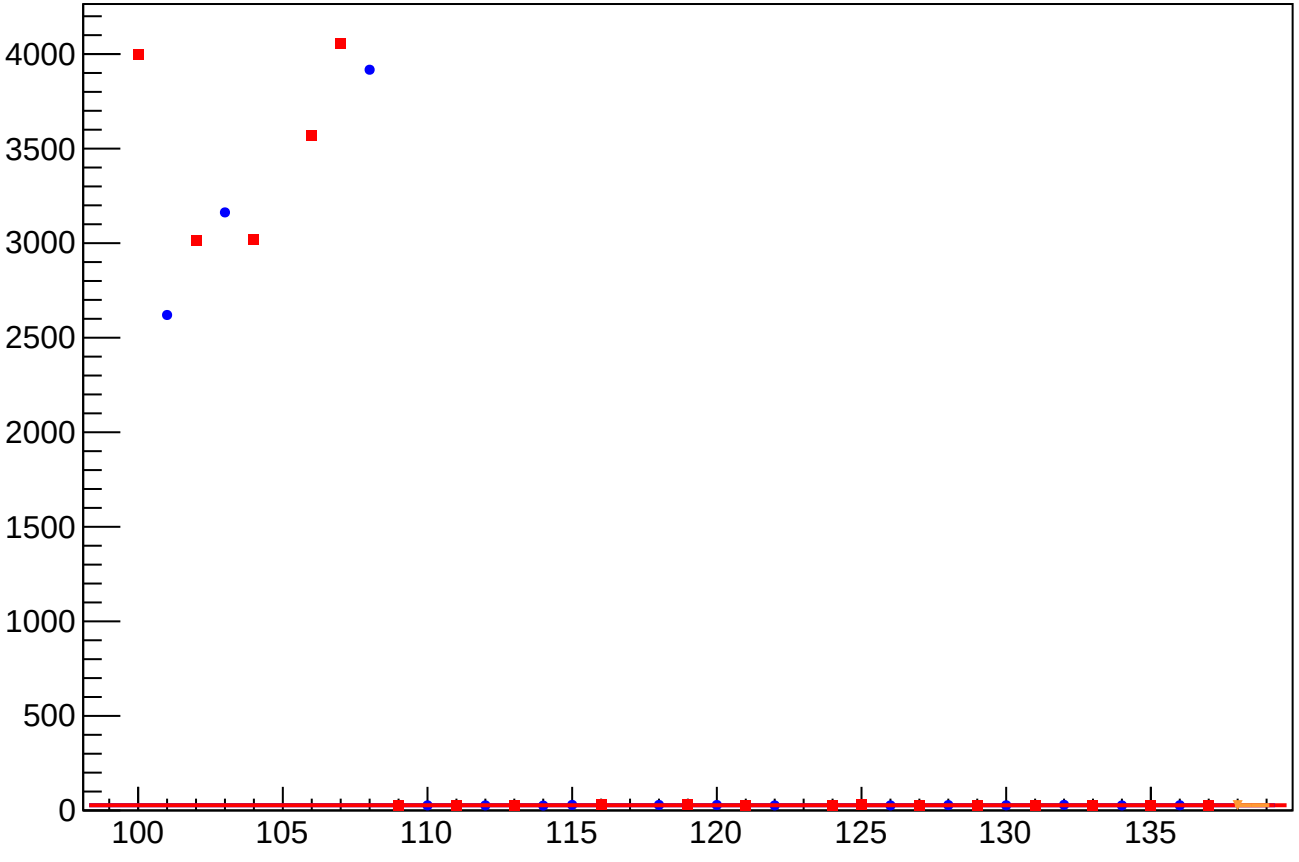
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.727+/-10.960 χ^2/NDF: 16.1/16

All: -2.620+/-8.032 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.642+/-0.008 χ^2/NDF: 3265498.5/15

Left Out: 27.876+/-0.022 χ^2/NDF:0.0/0

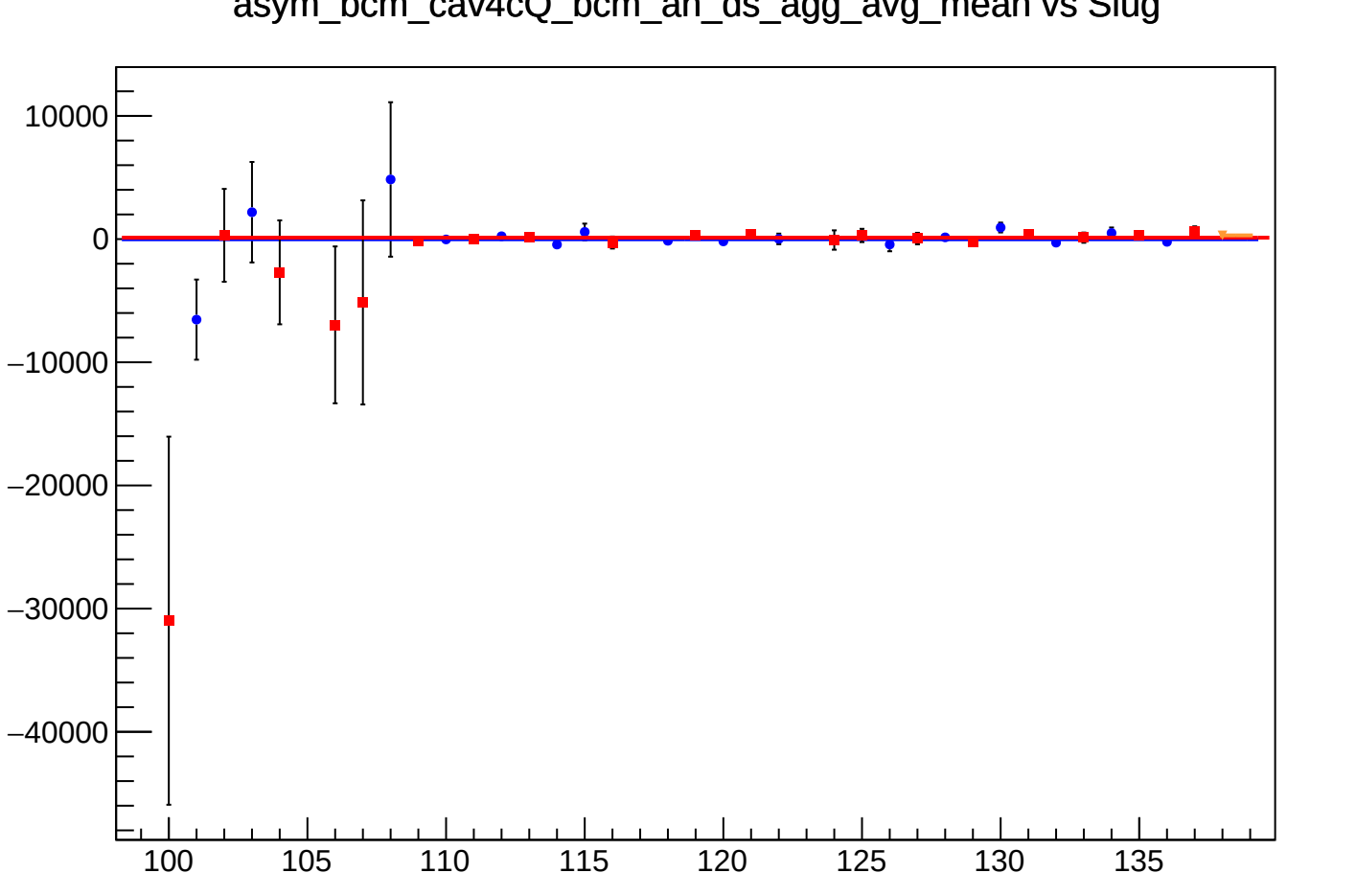
Right Out: 27.535+/-0.008 χ^2/NDF: 3555229.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.670+/-0.008 χ^2/NDF: 3265595.5/16

All: 27.607+/-0.006 χ^2/NDF: 6820965.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -13.160+/-84.454 χ^2/NDF: 18.3/15

Left Out: 300.873+/-239.843 χ^2/NDF:0.0/0

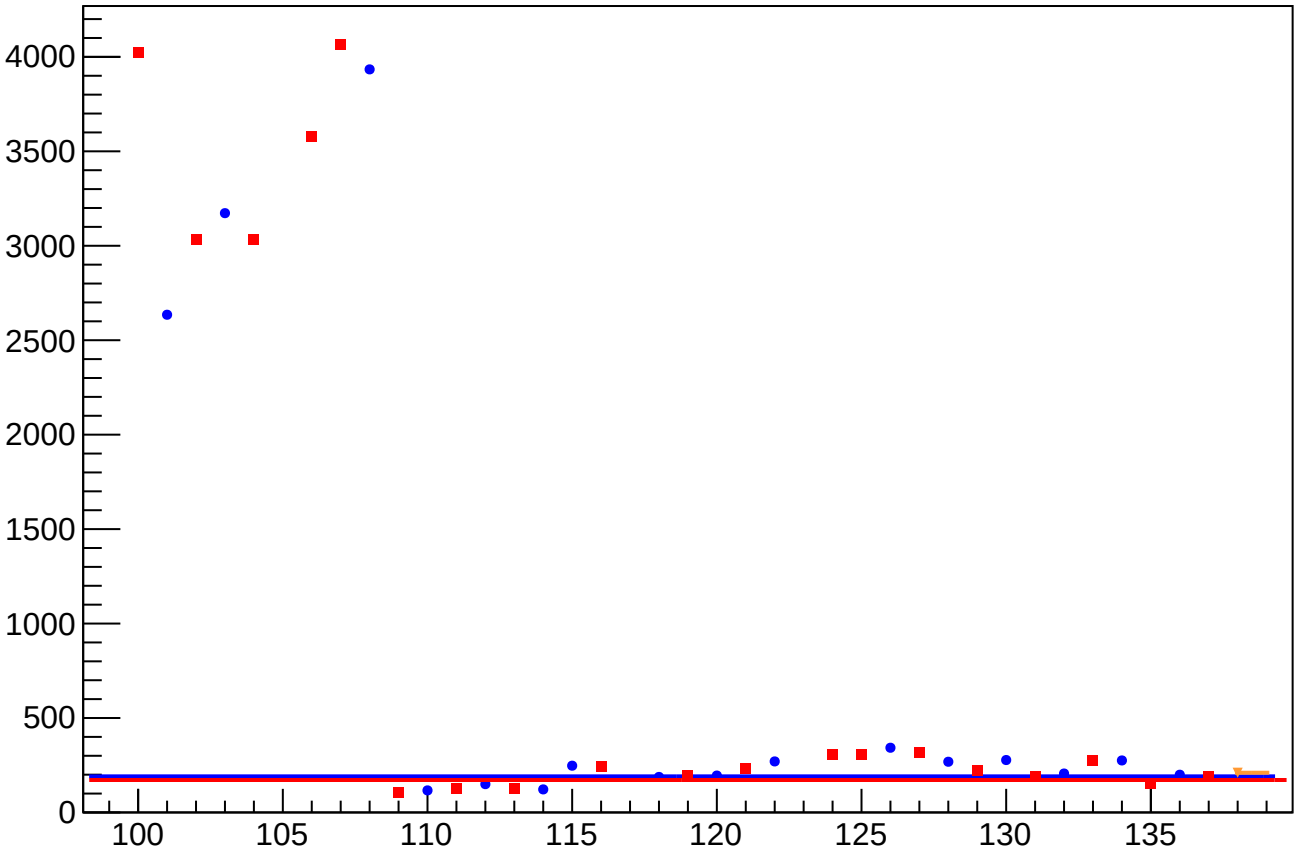
Right Out: 118.063+/-77.862 χ^2/NDF: 14.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.481+/-79.660 χ^2/NDF: 19.8/16

All: 70.874+/-55.682 χ^2/NDF: 35.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 191.070+/-0.060 χ^2/NDF: 3833952.4/15

Left Out: 210.354+/-0.170 χ^2/NDF:0.0/0

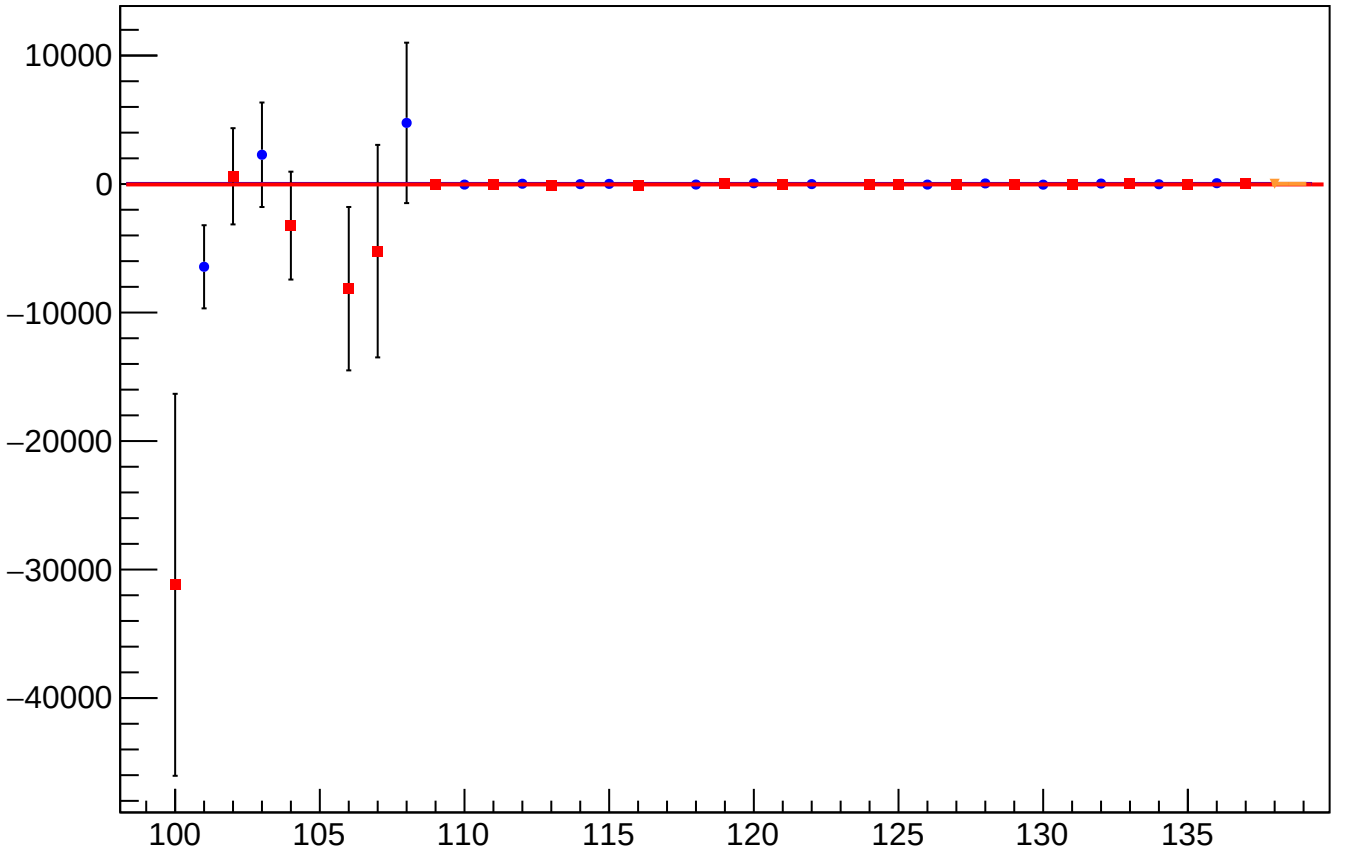
Right Out: 171.835+/-0.055 χ^2/NDF: 4314721.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 193.197+/-0.056 χ^2/NDF: 3845456.0/16

All: 182.272+/-0.039 χ^2/NDF: 8233731.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6.490+/-11.764 χ^2/NDF: 18.3/15

Left Out: 19.896+/-31.961 χ^2/NDF:0.0/0

Right Out: -30.962+/-11.902 χ^2/NDF: 19.9/18

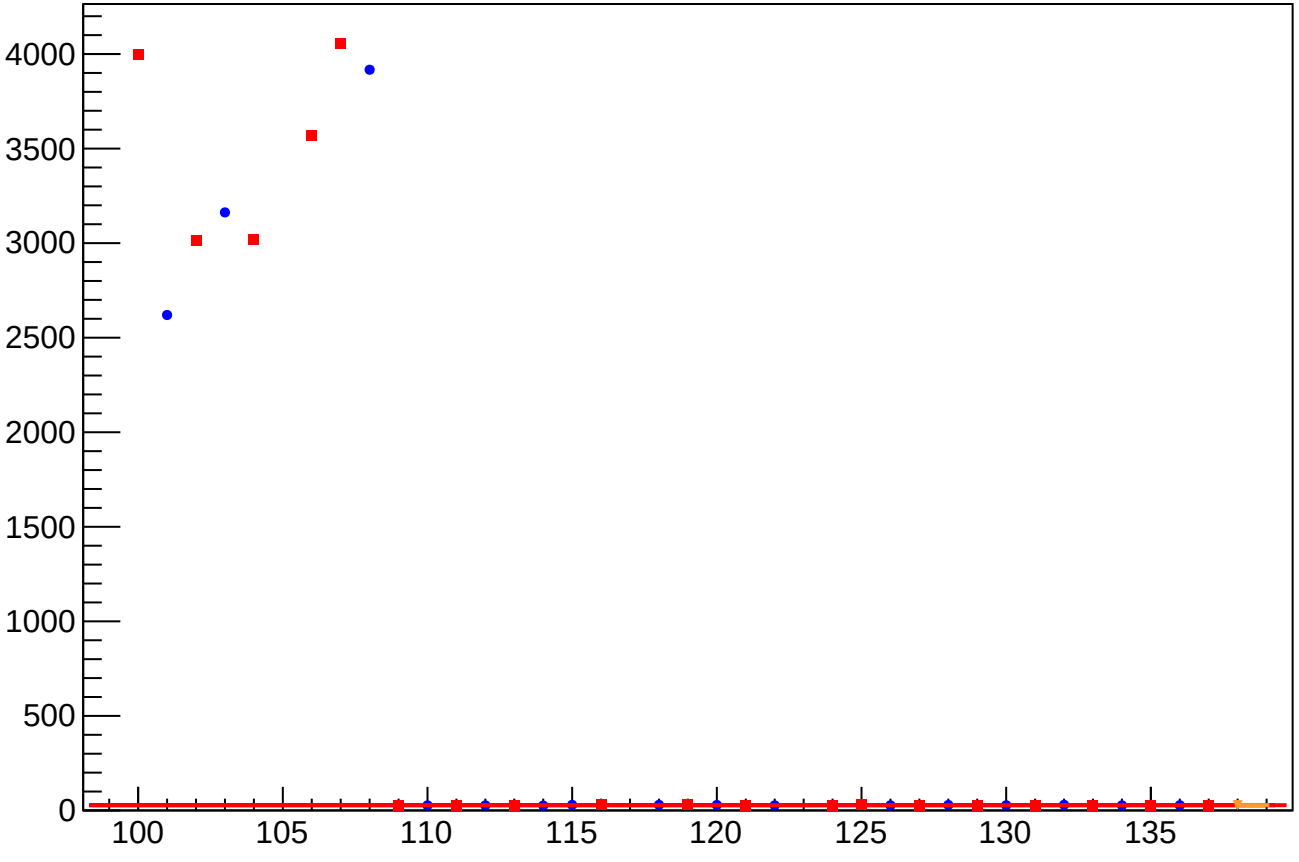
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.089+/-11.040 χ^2/NDF: 18.4/16

All: -9.972+/-8.094 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.825+/-0.008 χ^2/NDF: 3265895.3/15

Left Out: 28.189+/-0.023 χ^2/NDF:0.0/0

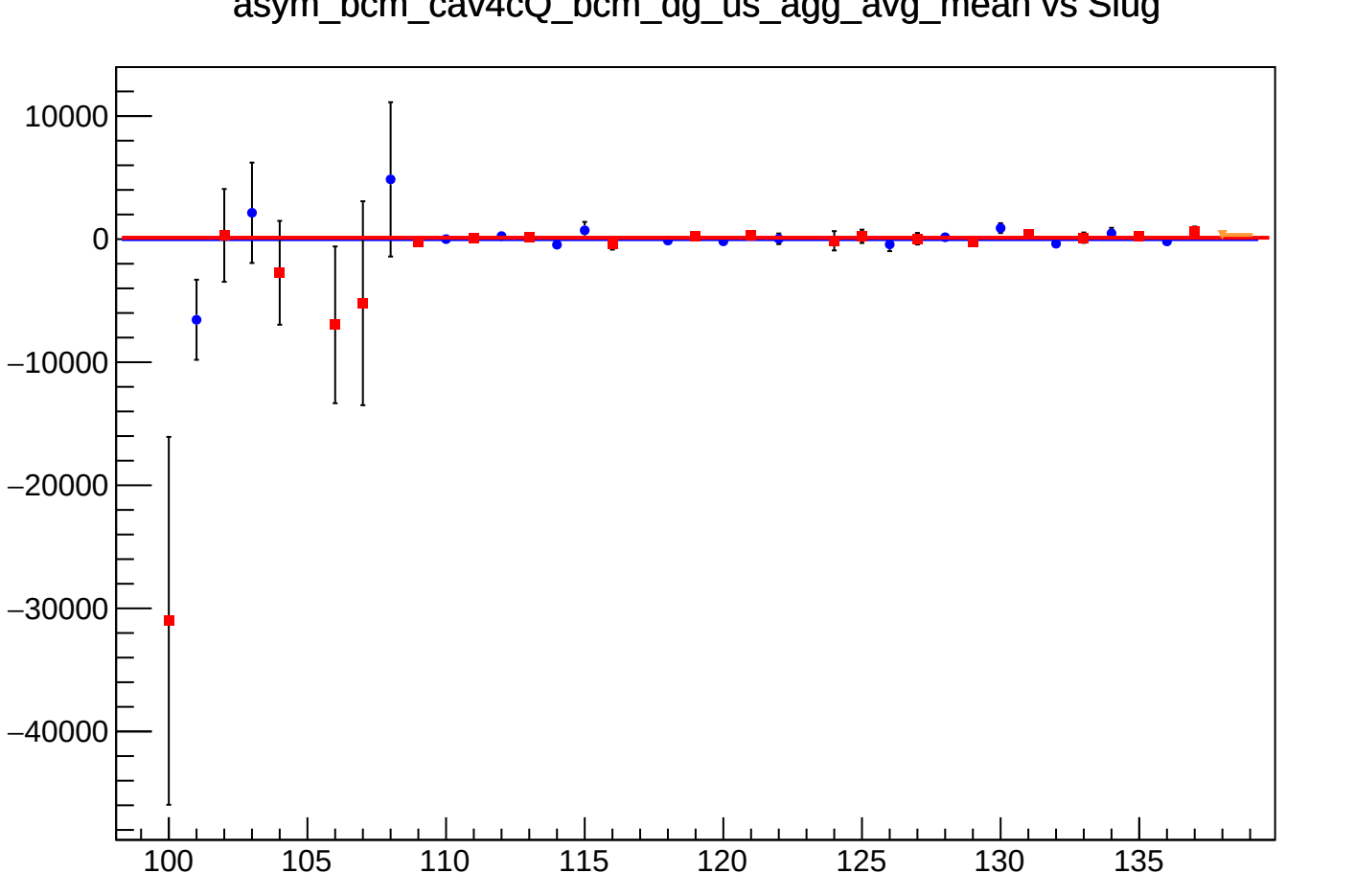
Right Out: 27.754+/-0.008 χ^2/NDF: 3558676.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.868+/-0.008 χ^2/NDF: 3266124.4/16

All: 27.815+/-0.006 χ^2/NDF: 6824901.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.795+/-85.508 χ^2/NDF: 18.2/15

Left Out: 341.428+/-243.874 χ^2/NDF:0.0/0

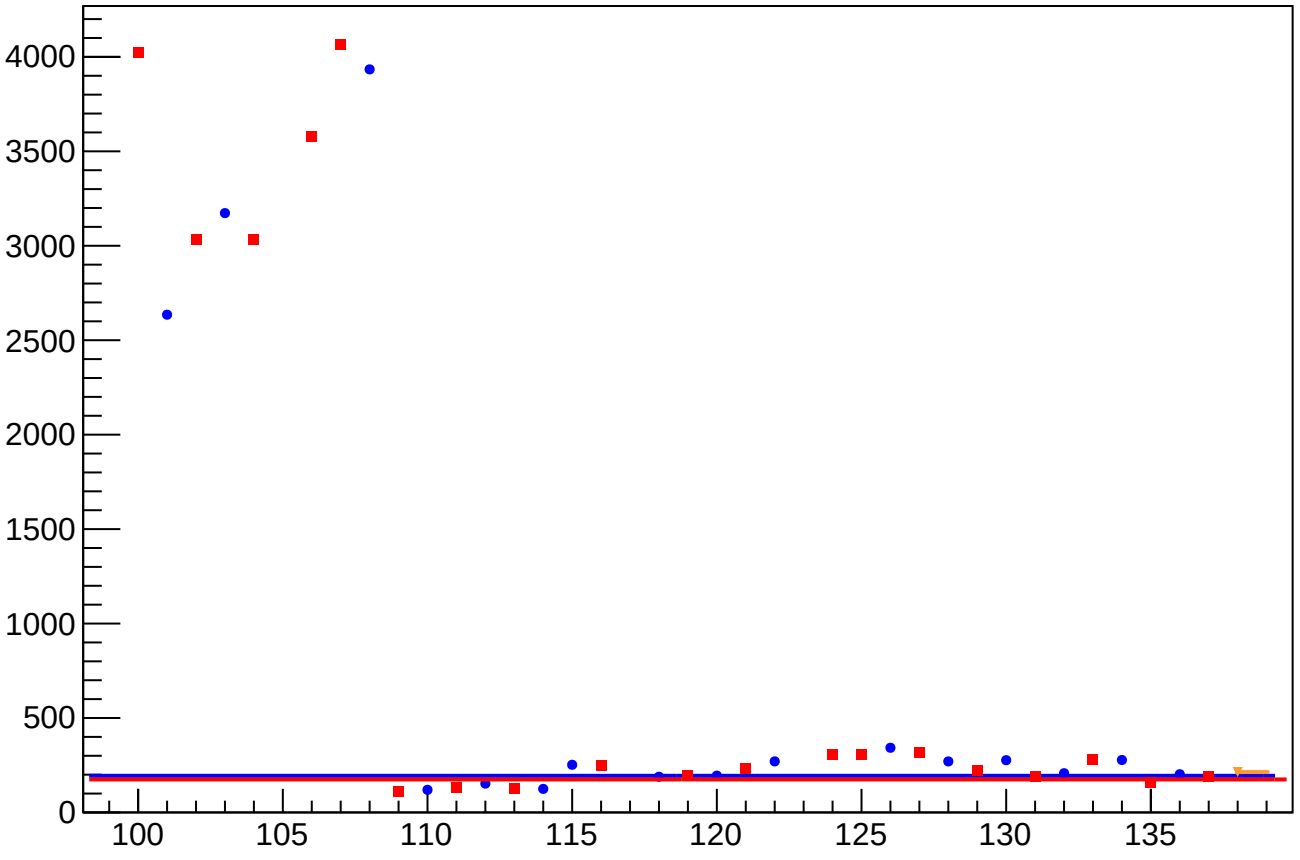
Right Out: 115.753+/-78.952 χ^2/NDF: 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.890+/-80.692 χ^2/NDF: 20.0/16

All: 76.202+/-56.433 χ^2/NDF: 34.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 193.946+/-0.060 χ^2/NDF: 3784467.5/15

Left Out: 213.918+/-0.172 χ^2/NDF:0.0/0

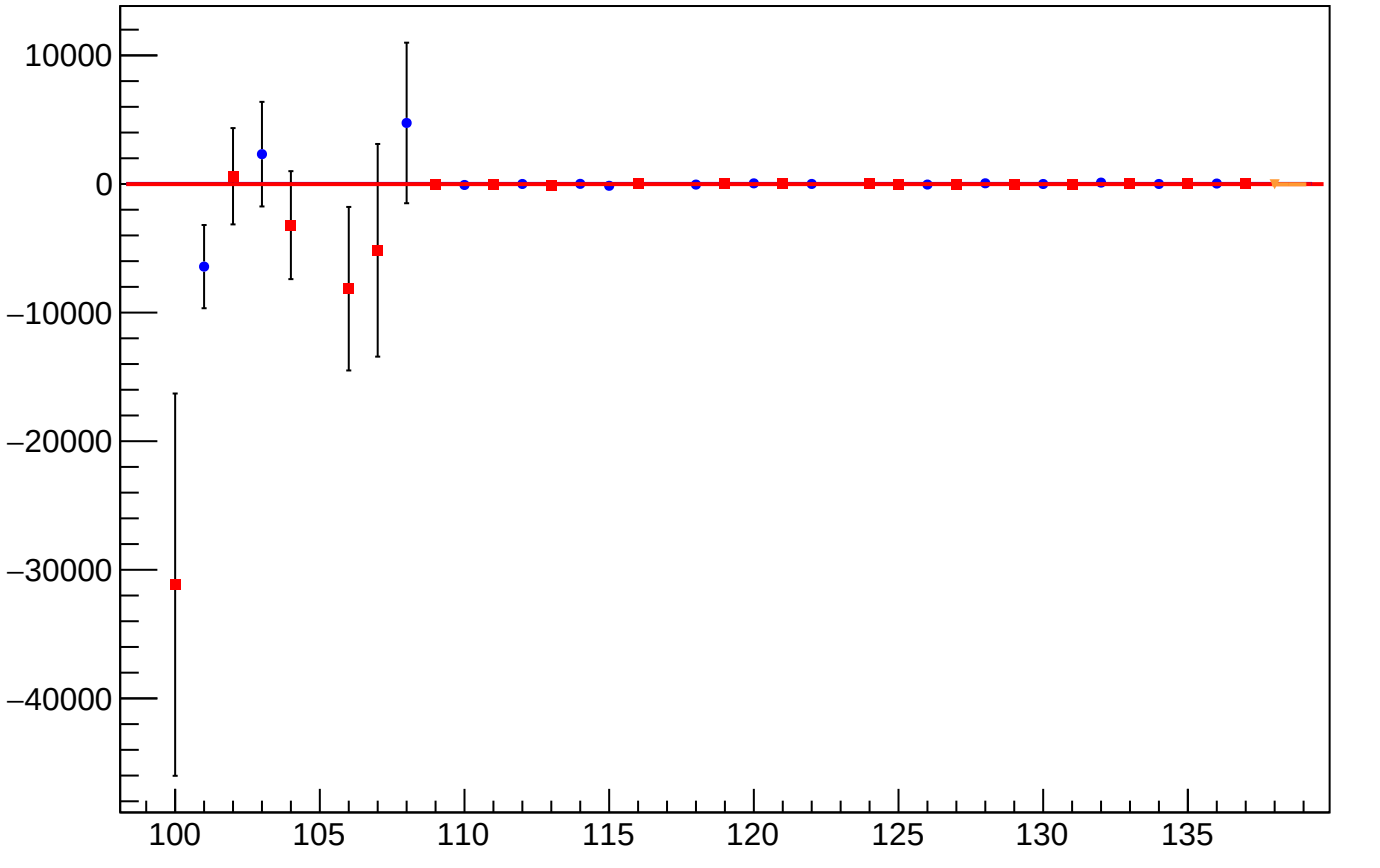
Right Out: 174.779+/-0.056 χ^2/NDF: 4259323.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.133+/-0.057 χ^2/NDF: 3796411.9/16

All: 185.224+/-0.040 χ^2/NDF: 8127289.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5.660+/-14.306 χ^2/NDF: 17.5/15

Left Out: -24.171+/-38.393 χ^2/NDF:0.0/0

Right Out: -10.003+/-14.433 χ^2/NDF: 23.4/18

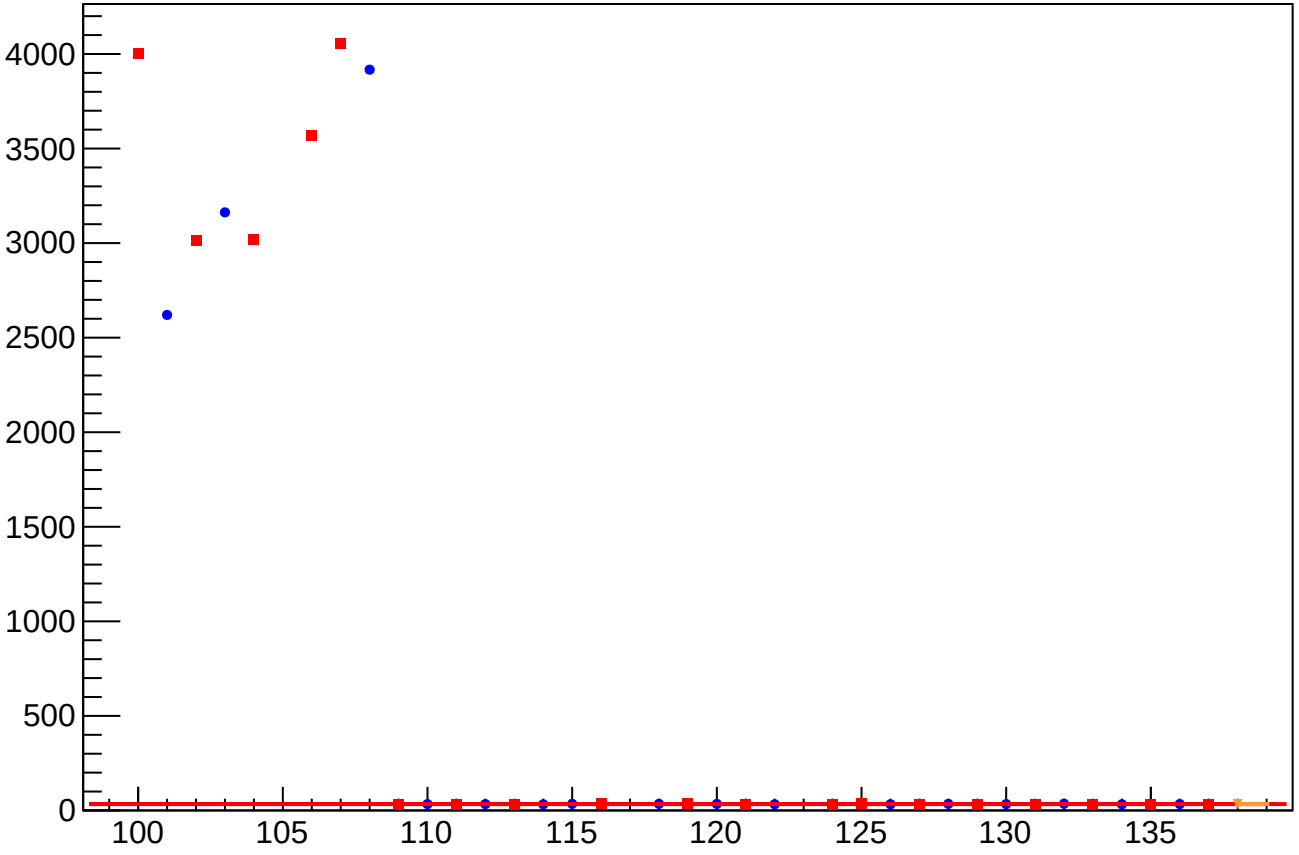
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.024+/-13.405 χ^2/NDF: 18.0/16

All: -3.547+/-9.822 χ^2/NDF: 41.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.899+/-0.010 χ^2/NDF: 3244382.4/15

Left Out: 33.880+/-0.027 χ^2/NDF:0.0/0

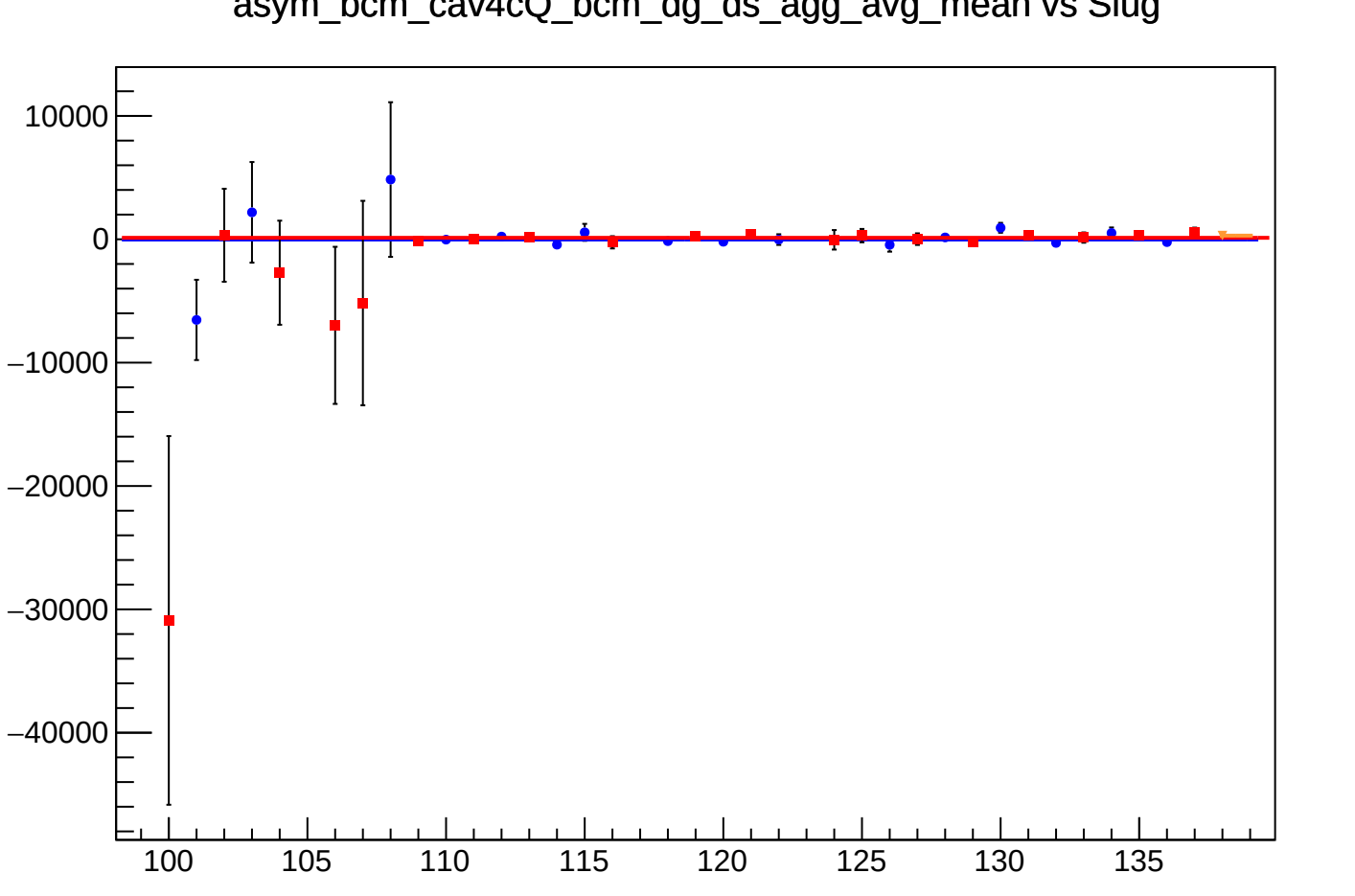
Right Out: 33.726+/-0.010 χ^2/NDF: 3526463.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 33.897+/-0.009 χ^2/NDF: 3244382.8/16

All: 33.818+/-0.007 χ^2/NDF: 6770997.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -19.522+/-85.063 χ^2/NDF: 18.2/15

Left Out: 296.035+/-241.036 χ^2/NDF:0.0/0

Right Out: 119.922+/-78.455 χ^2/NDF: 13.3/18

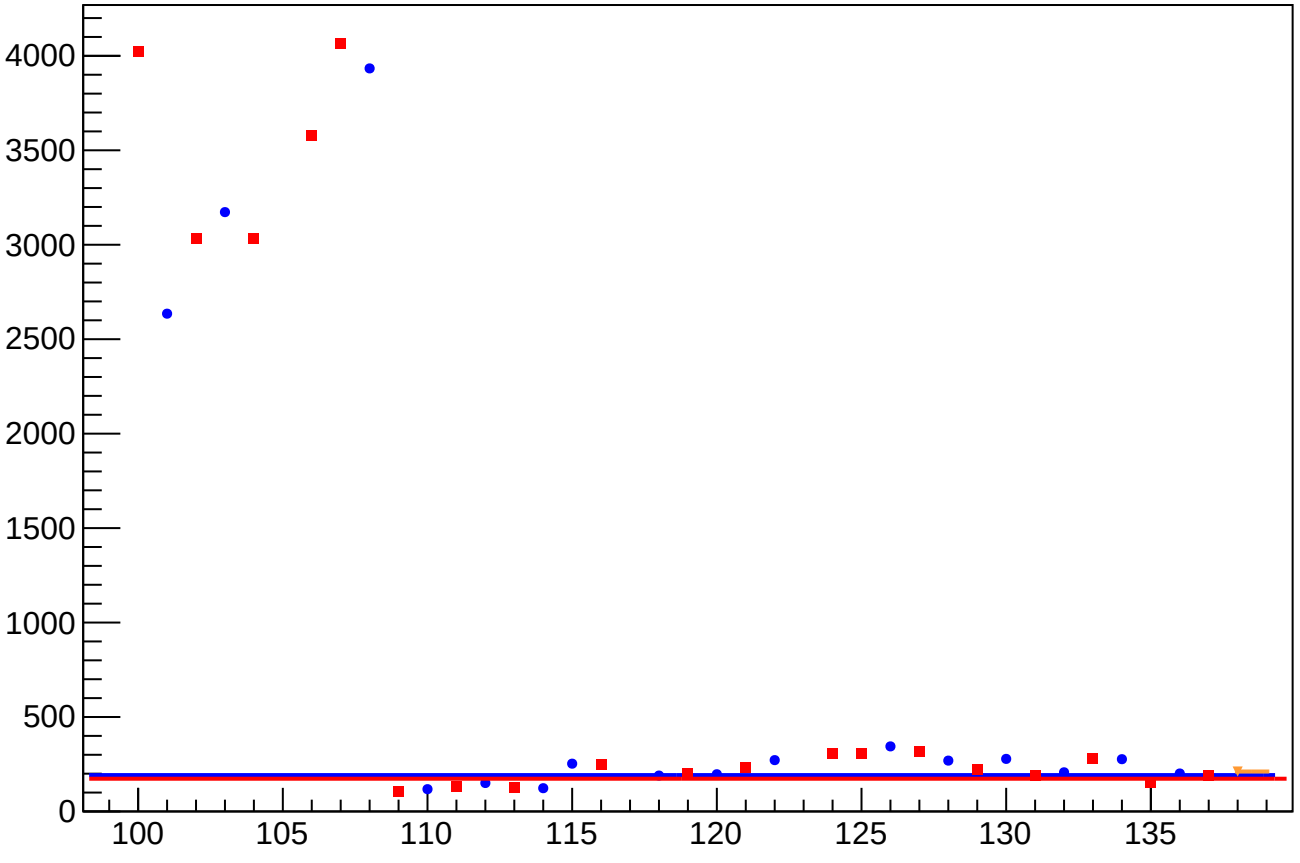
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15.426+/-80.214 χ^2/NDF: 19.7/16

All: 68.833+/-56.088 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 192.560+/-0.060 χ^2/NDF: 3822789.1/15

Left Out: 211.402+/-0.170 χ^2/NDF:0.0/0

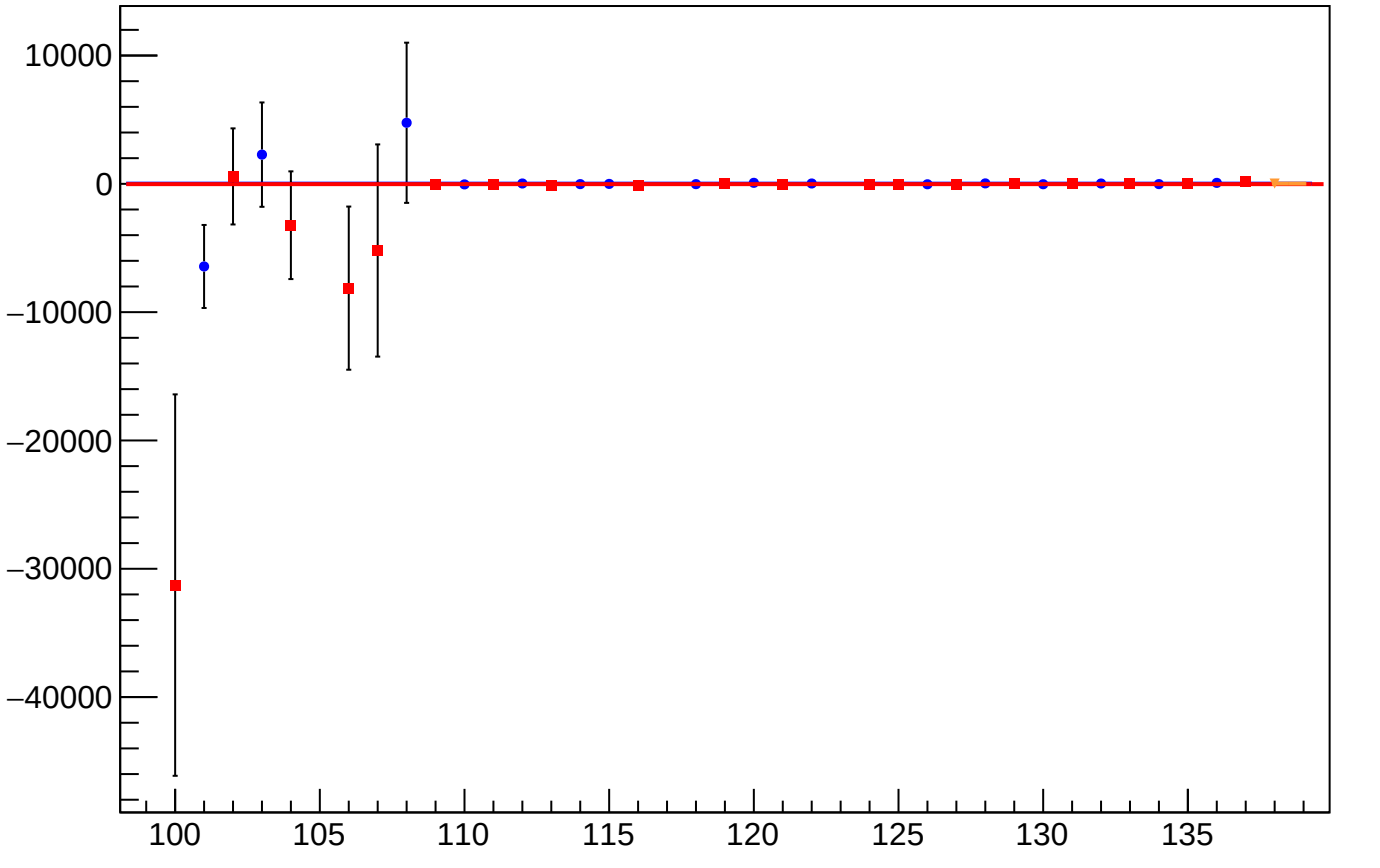
Right Out: 173.249+/-0.055 χ^2/NDF: 4307420.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 194.647+/-0.057 χ^2/NDF: 3833657.0/16

All: 183.711+/-0.040 χ^2/NDF: 8213815.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 13.713+/-13.062 χ^2/NDF: 15.5/15

Left Out: 22.375+/-34.800 χ^2/NDF:0.0/0

Right Out: -23.230+/-13.181 χ^2/NDF: 28.7/18

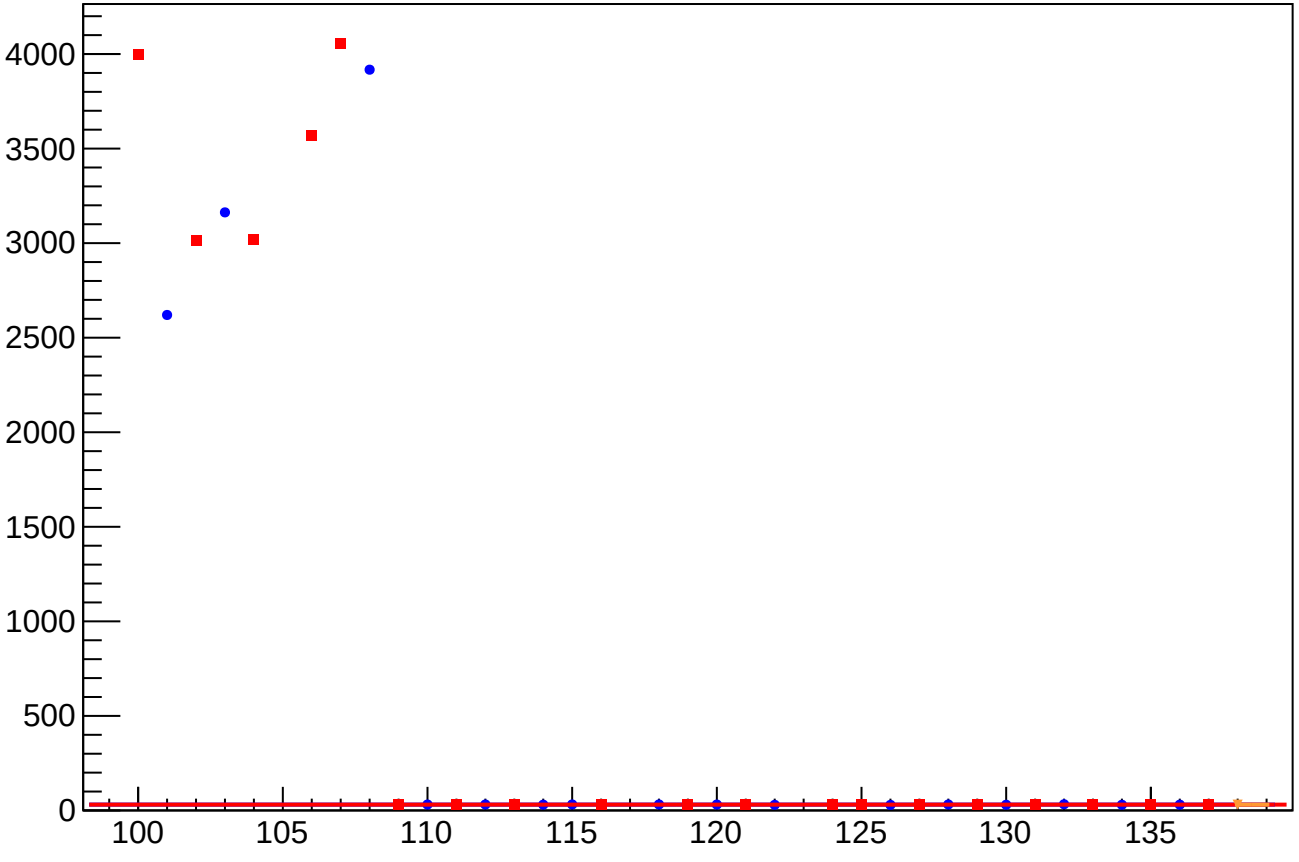
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.783+/-12.229 χ^2/NDF: 15.5/16

All: -2.802+/-8.965 χ^2/NDF: 48.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.928+/-0.009 χ^2/NDF: 3252607.8/15

Left Out: 30.708+/-0.025 χ^2/NDF:0.0/0

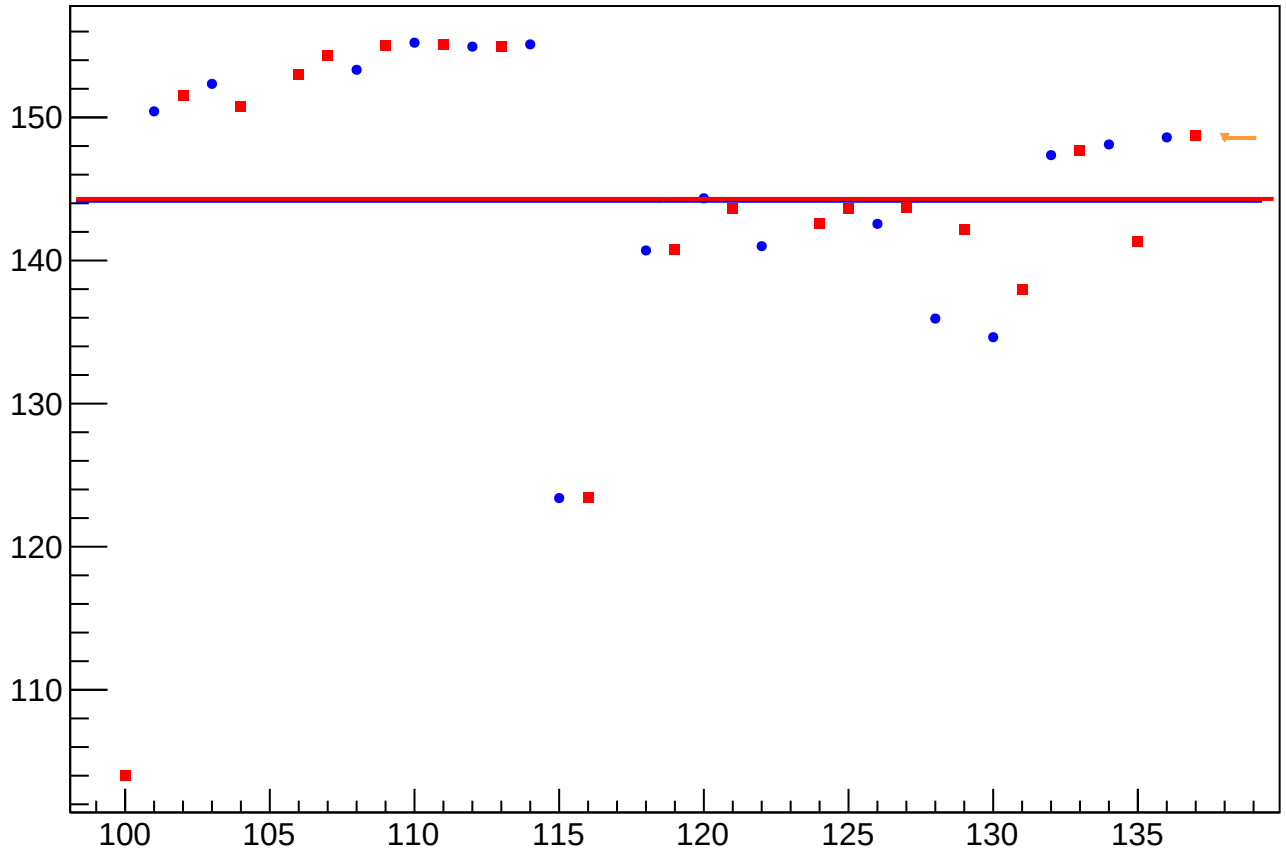
Right Out: 30.777+/-0.009 χ^2/NDF: 3536234.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 30.901+/-0.009 χ^2/NDF: 3252678.3/16

All: 30.844+/-0.006 χ^2/NDF: 6789008.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 144.176+/-0.000 χ^2/NDF: 3724747268.7/15

Left Out: 148.565+/-0.000 χ^2/NDF:0.0/0

Right Out: 144.304+/-0.000 χ^2/NDF: 4264494940.7/18

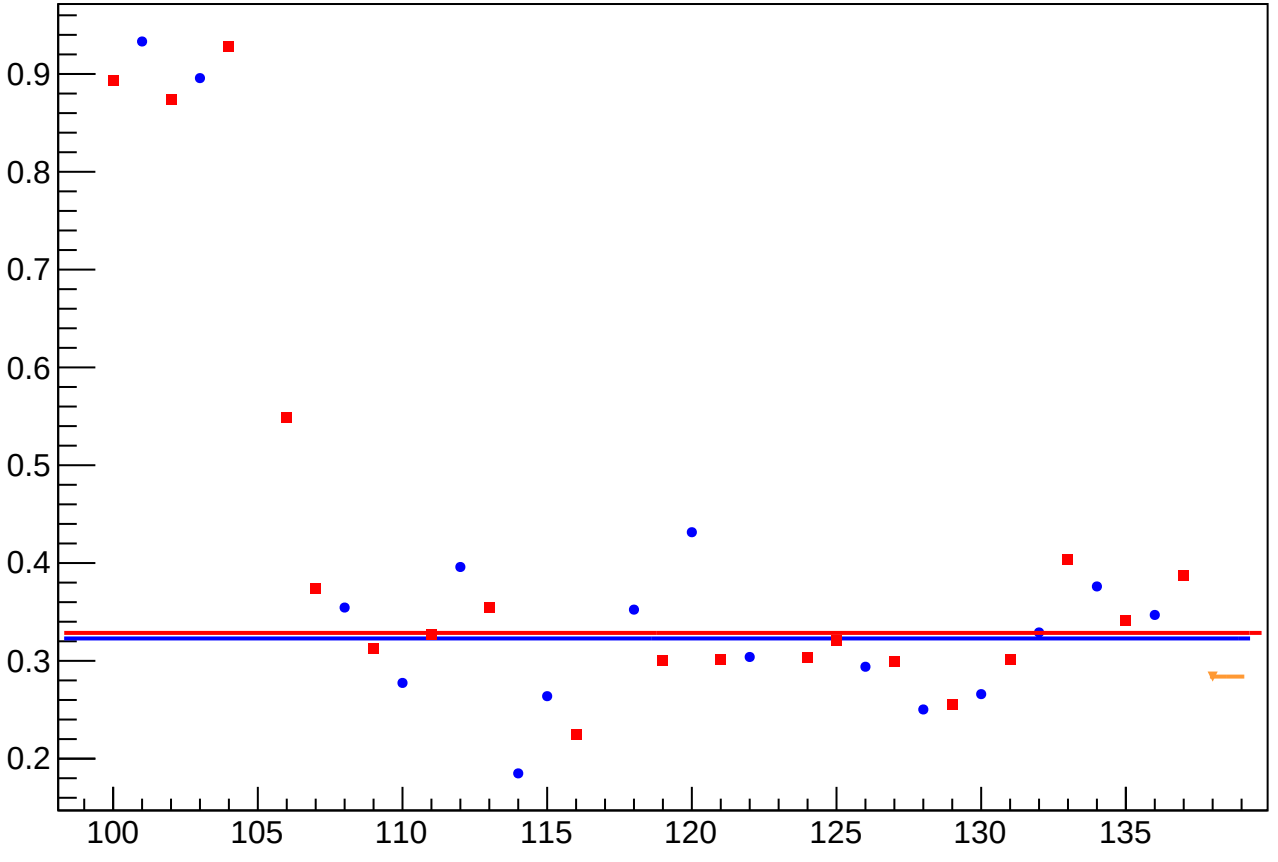
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 144.790+/-0.000 χ^2/NDF: 3878544456.8/16

All: 144.567+/-0.000 χ^2/NDF: 8150238091.6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.323+/-0.000 χ^2/NDF: 1396024.1/15

Left Out: 0.284+/-0.000 χ^2/NDF:0.0/0

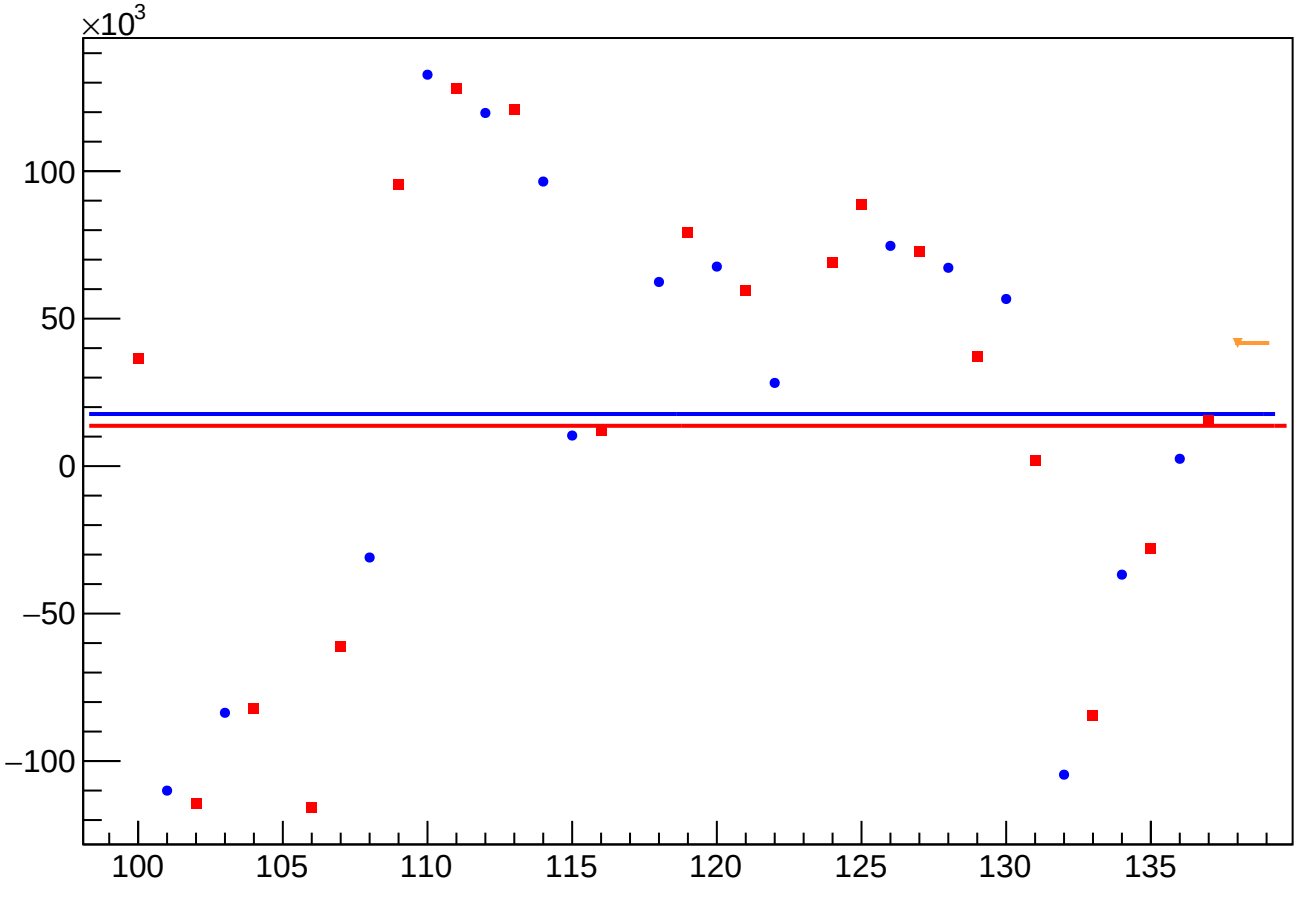
Right Out: 0.329+/-0.000 χ^2/NDF: 1304148.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.317+/-0.000 χ^2/NDF: 1420292.5/16

All: 0.323+/-0.000 χ^2/NDF: 2732003.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17663.790+/-2.006 χ^2/NDF: 1398738701.8/15

Left Out: 41730.160+/-5.356 χ^2/NDF:0.0/0

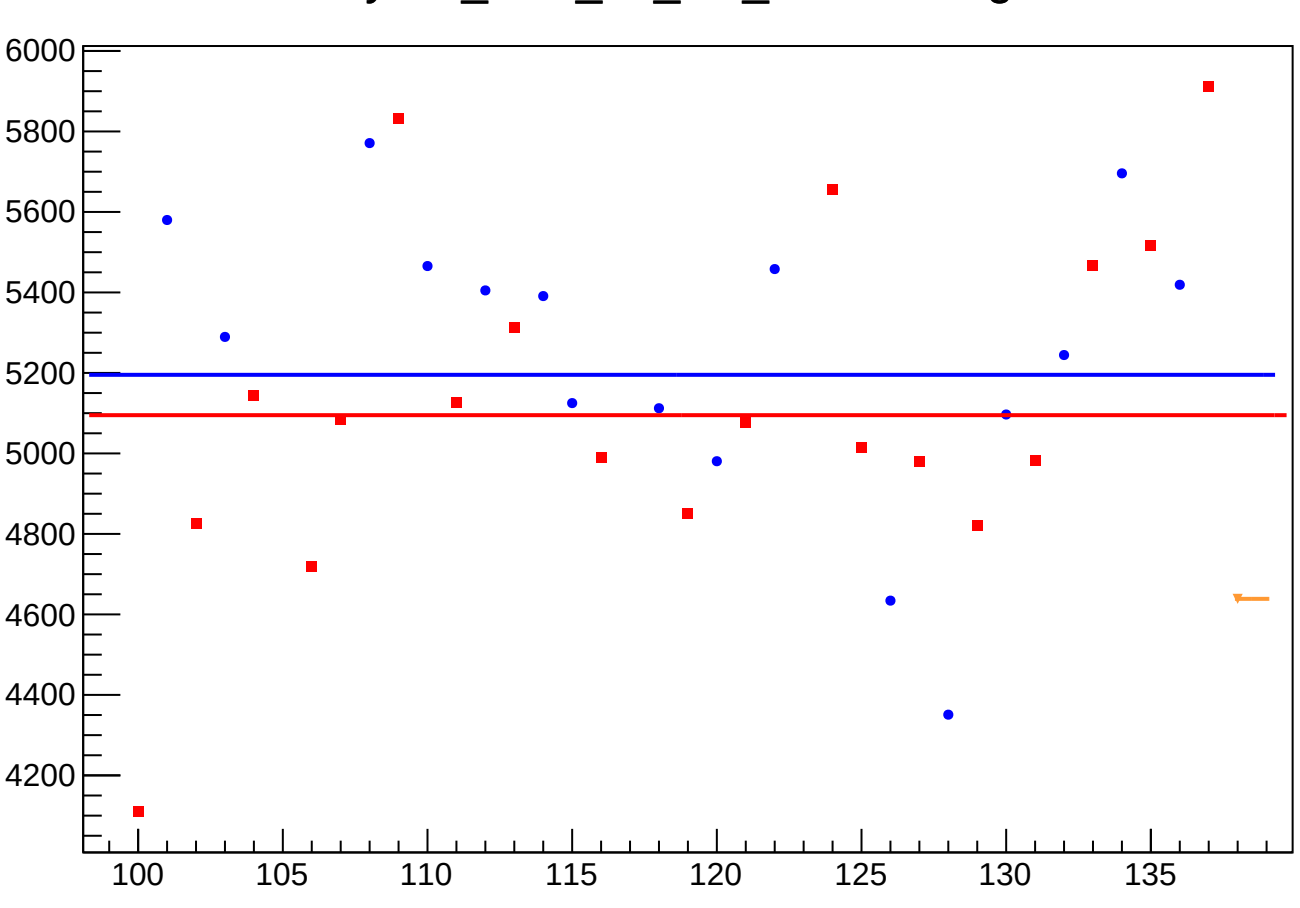
Right Out: 13666.312+/-1.925 χ^2/NDF: 1856962869.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20623.265+/-1.878 χ^2/NDF: 1416446676.9/1

All: 17230.288+/-1.344 χ^2/NDF: 328010114

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5195.298+/-1.418 χ^2/NDF: 77166.0/15

Left Out: 4638.648+/-3.787 χ^2/NDF:0.0/0

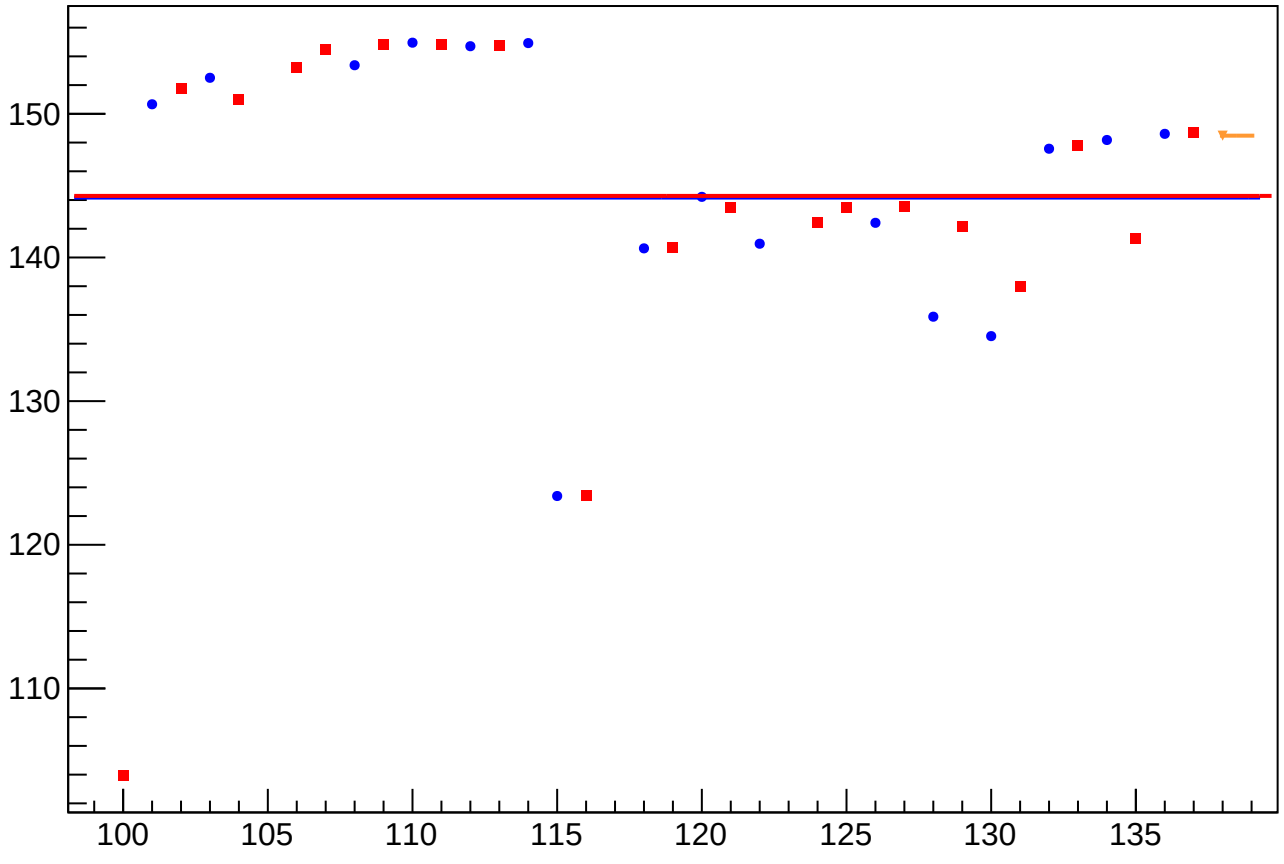
Right Out: 5095.047+/-1.361 χ^2/NDF: 59112.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 5126.846+/-1.328 χ^2/NDF: 96113.1/16

All: 5111.338+/-0.951 χ^2/NDF: 155504.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 144.172+/-0.000 χ^2/NDF: 3764836520.0/15

Left Out: 148.481+/-0.000 χ^2/NDF:0.0/0

Right Out: 144.286+/-0.000 χ^2/NDF: 4290223847.7/18

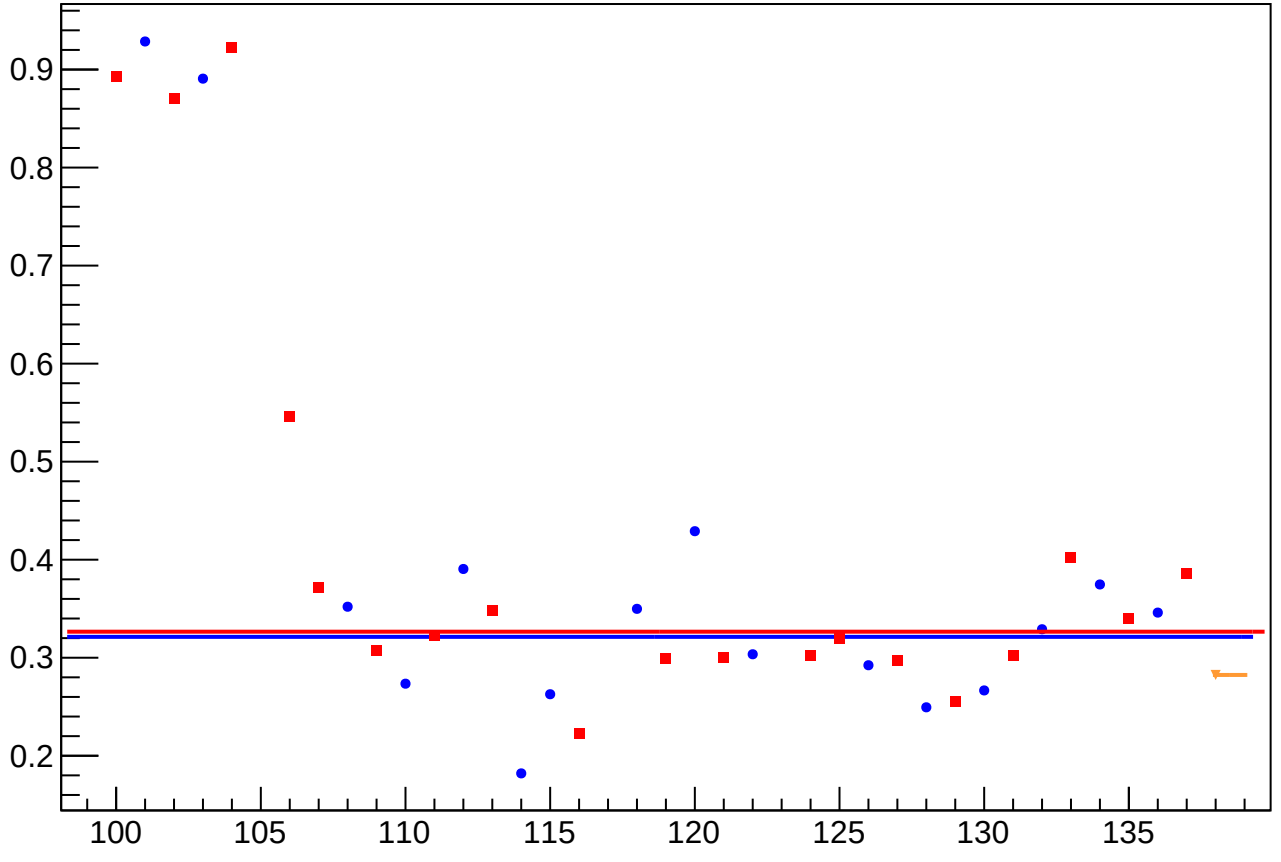
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 144.775+/-0.000 χ^2/NDF: 3914626048.9/16

All: 144.550+/-0.000 χ^2/NDF: 8212207094.7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.321+/-0.000 χ^2/NDF: 1396250.7/15

Left Out: 0.282+/-0.000 χ^2/NDF:0.0/0

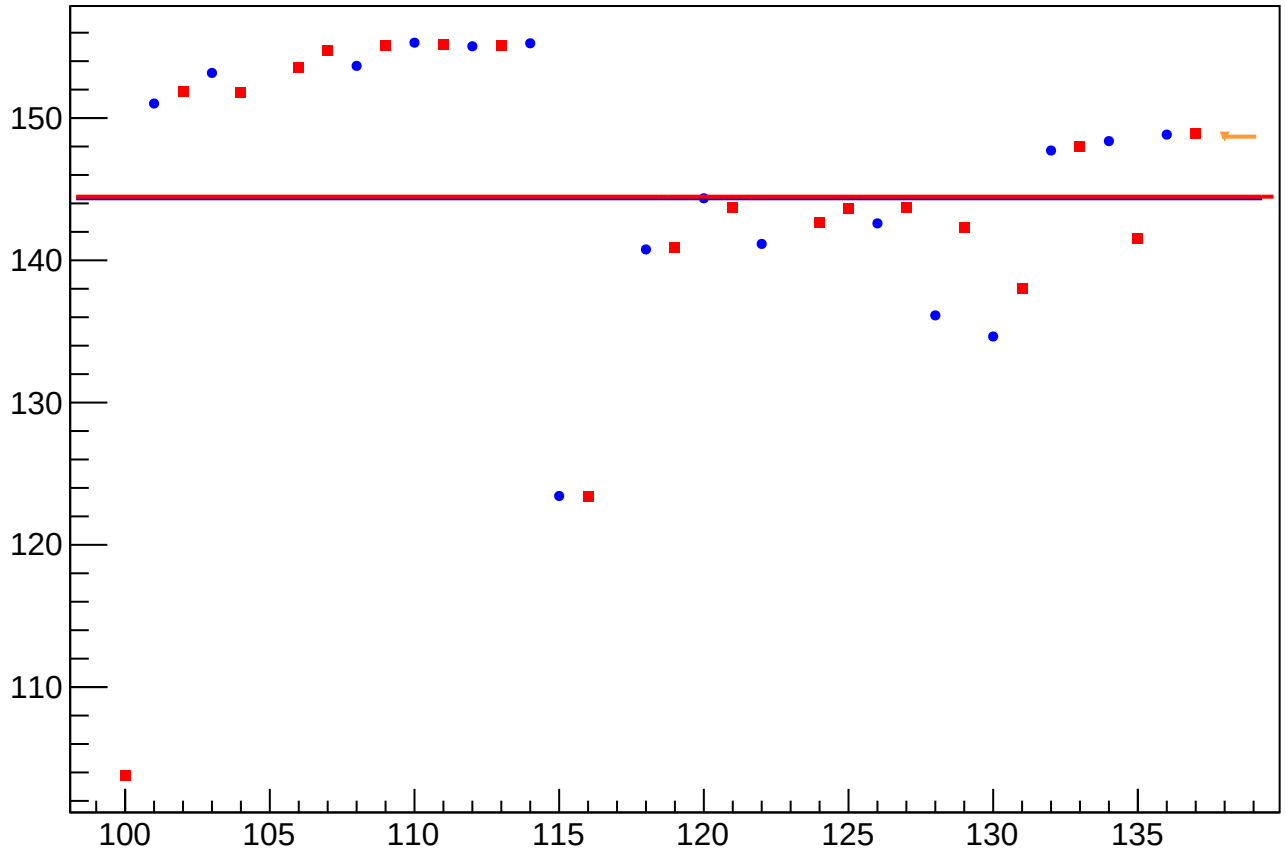
Right Out: 0.327+/-0.000 χ^2/NDF: 1302732.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.316+/-0.000 χ^2/NDF: 1420619.8/16

All: 0.321+/-0.000 χ^2/NDF: 2730423.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 144.361+/-0.000 χ^2/NDF: 3758625293.6/15

Left Out: 148.693+/-0.000 χ^2/NDF:0.0/0

Right Out: 144.475+/-0.000 χ^2/NDF: 4281975463.8/18

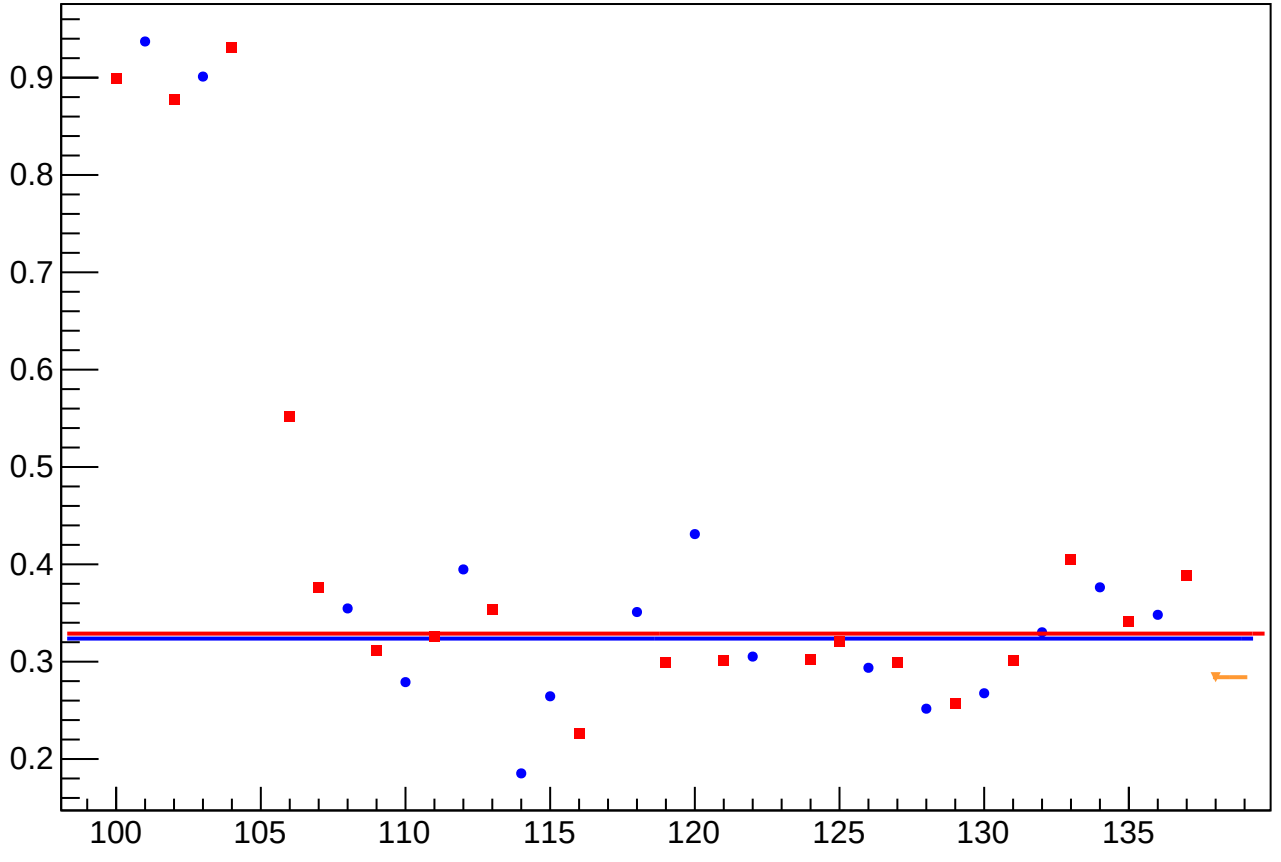
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 144.969+/-0.000 χ^2/NDF: 3908205665.4/16

All: 144.741+/-0.000 χ^2/NDF: 8197605017.5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.324+/-0.000 χ^2/NDF: 1392377.9/15

Left Out: 0.284+/-0.000 χ^2/NDF:0.0/0

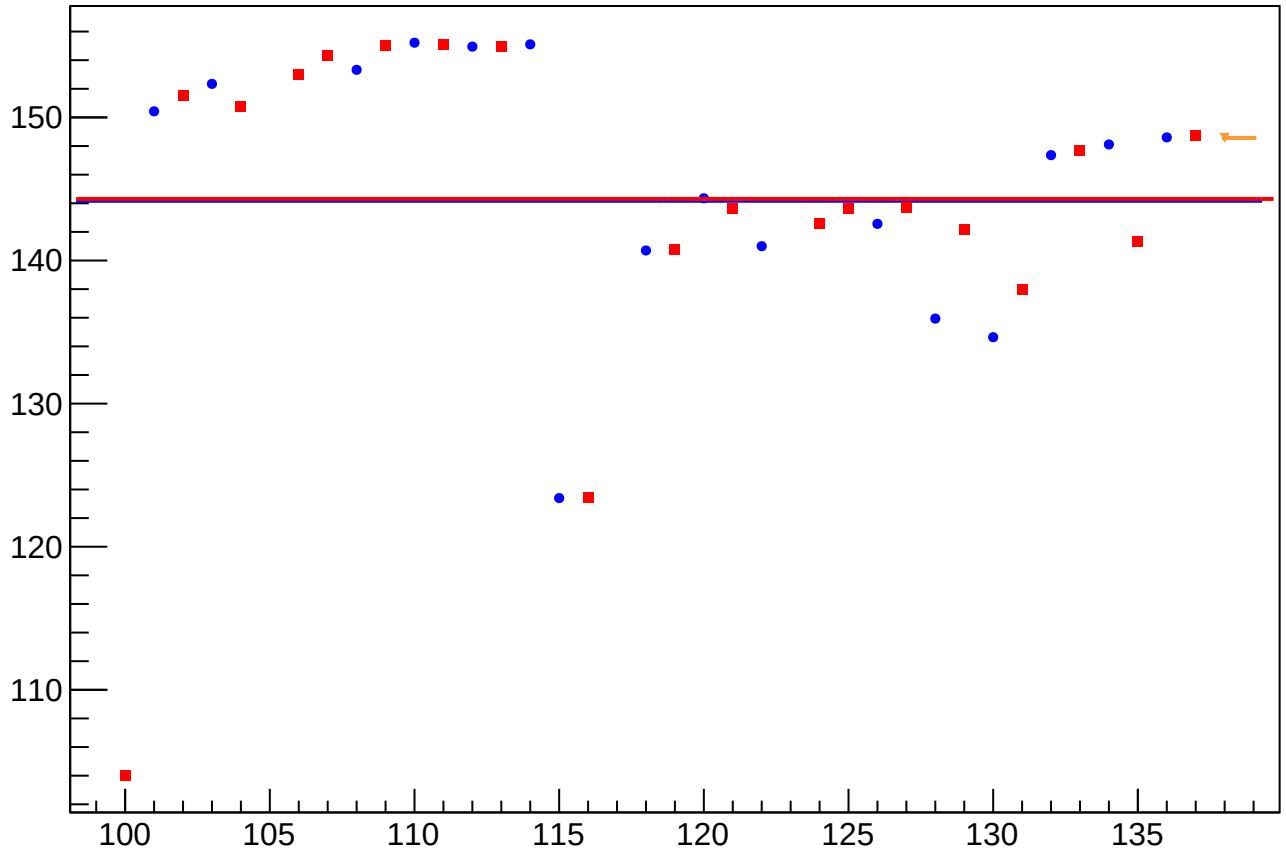
Right Out: 0.329+/-0.000 χ^2/NDF: 1303222.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.318+/-0.000 χ^2/NDF: 1417461.2/16

All: 0.323+/-0.000 χ^2/NDF: 2727612.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 144.176+/-0.000 χ^2/NDF: 3724747268.7/15

Left Out: 148.565+/-0.000 χ^2/NDF:0.0/0

Right Out: 144.304+/-0.000 χ^2/NDF: 4264494940.7/18

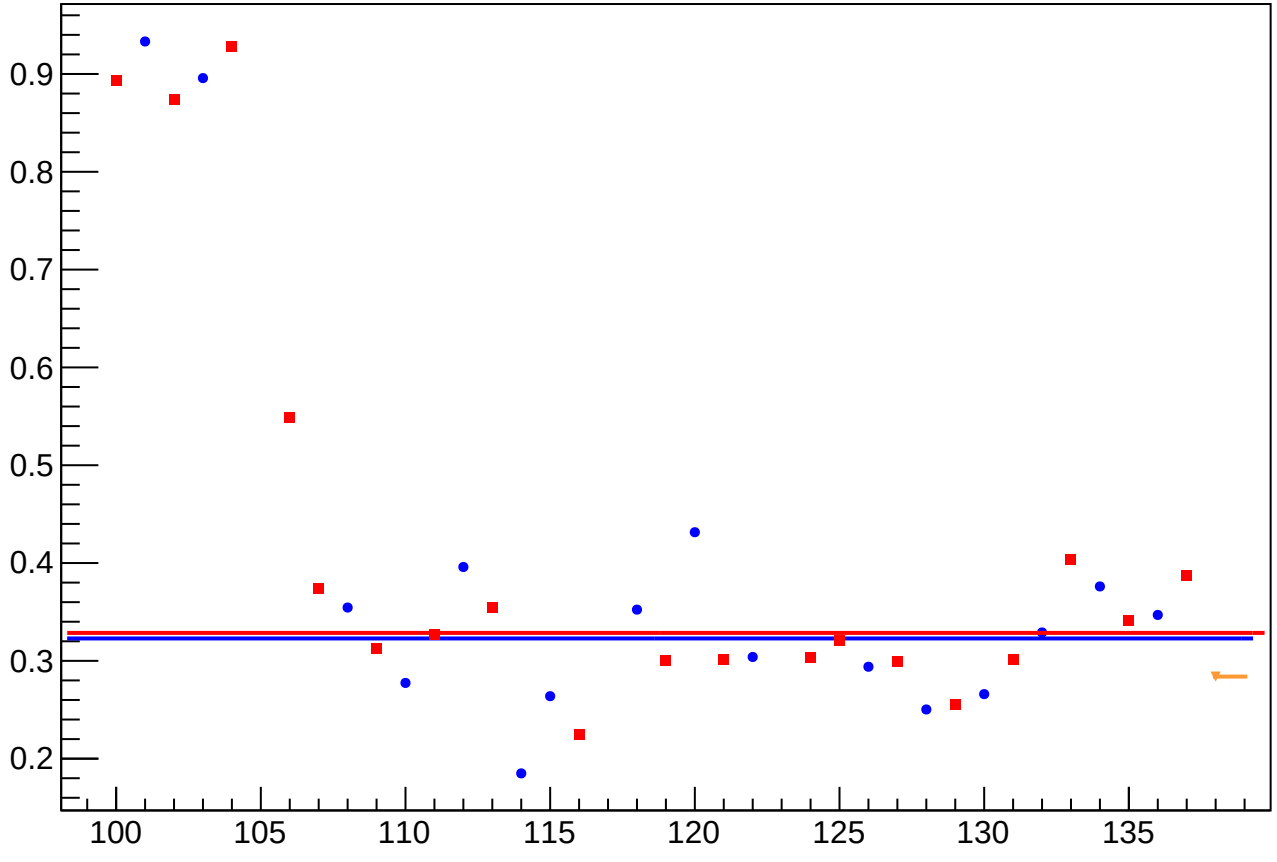
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 144.790+/-0.000 χ^2/NDF: 3878544456.8/16

All: 144.567+/-0.000 χ^2/NDF: 8150238091.6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.323+/-0.000 χ^2/NDF: 1396024.1/15

Left Out: 0.284+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.329+/-0.000 χ^2/NDF: 1304148.7/18

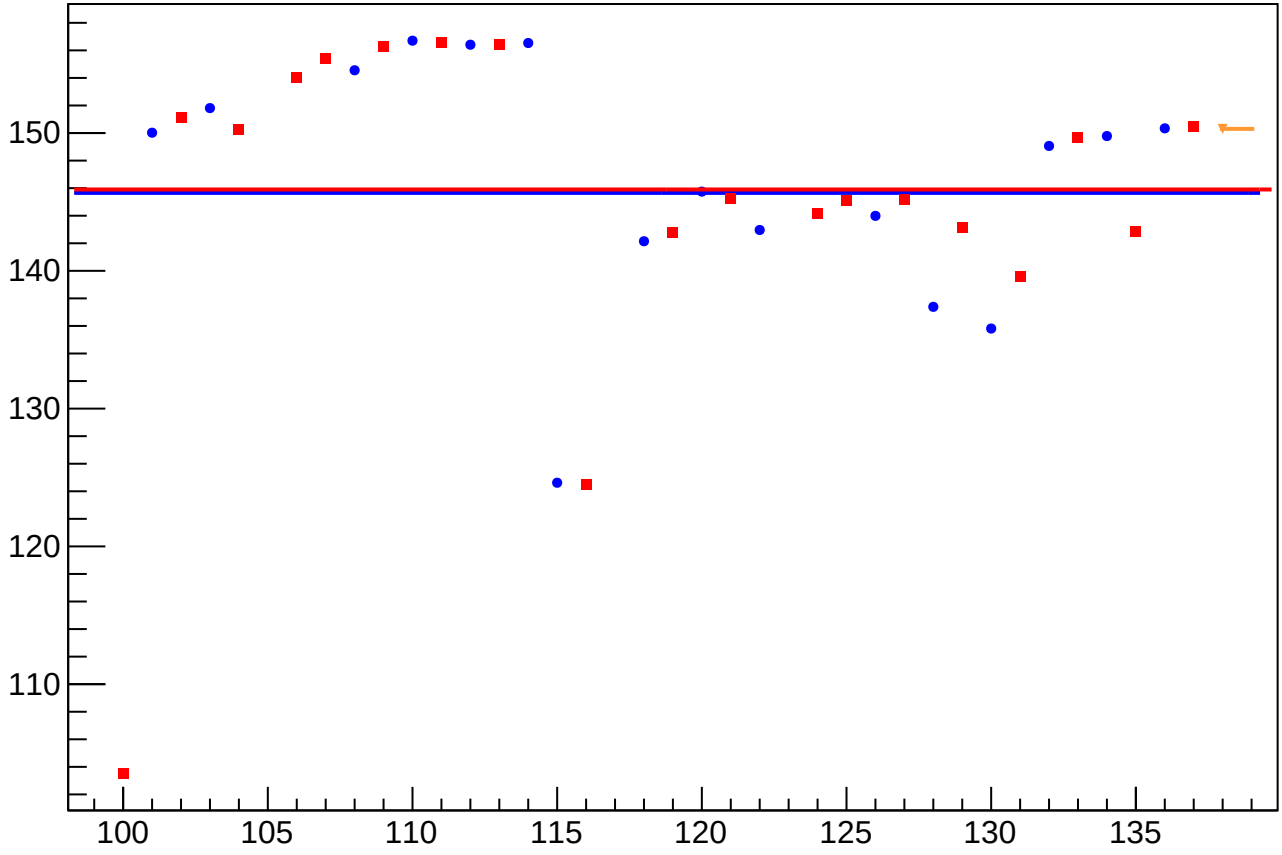
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.317+/-0.000 χ^2/NDF: 1420292.5/16

All: 0.323+/-0.000 χ^2/NDF: 2732003.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 145.657+/-0.000 χ^2/NDF: 3481495345.2/15

Left Out: 150.303+/-0.000 χ^2/NDF:0.0/0

Right Out: 145.904+/-0.000 χ^2/NDF: 3863011865.2/18

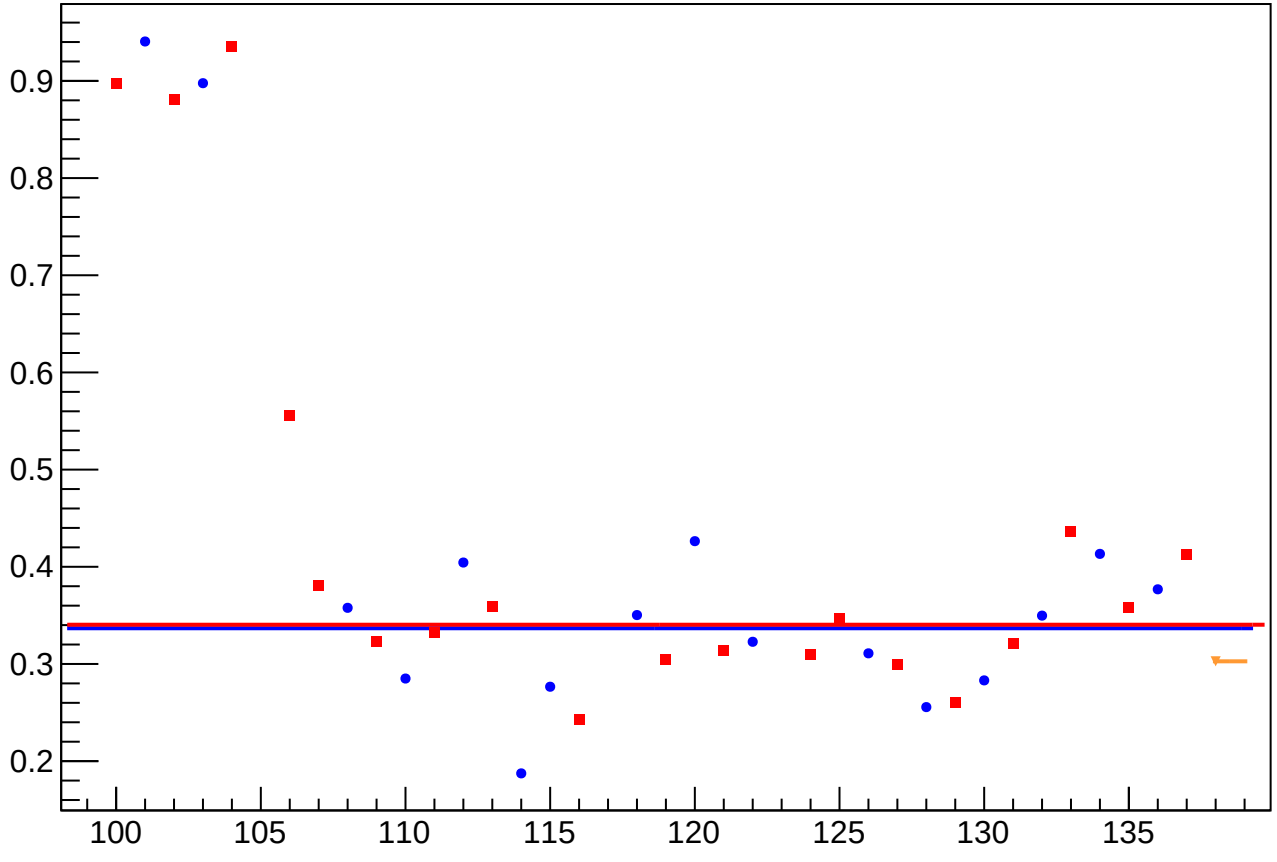
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 146.274+/-0.000 χ^2/NDF: 3631929694.7/16

All: 146.102+/-0.000 χ^2/NDF: 7498786474.3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_dg_us_rms vs Slug



Right In: 0.337+/-0.000 χ^2/NDF: 1370512.1/15

Left Out: 0.303+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.340+/-0.000 χ^2/NDF: 1274717.4/18

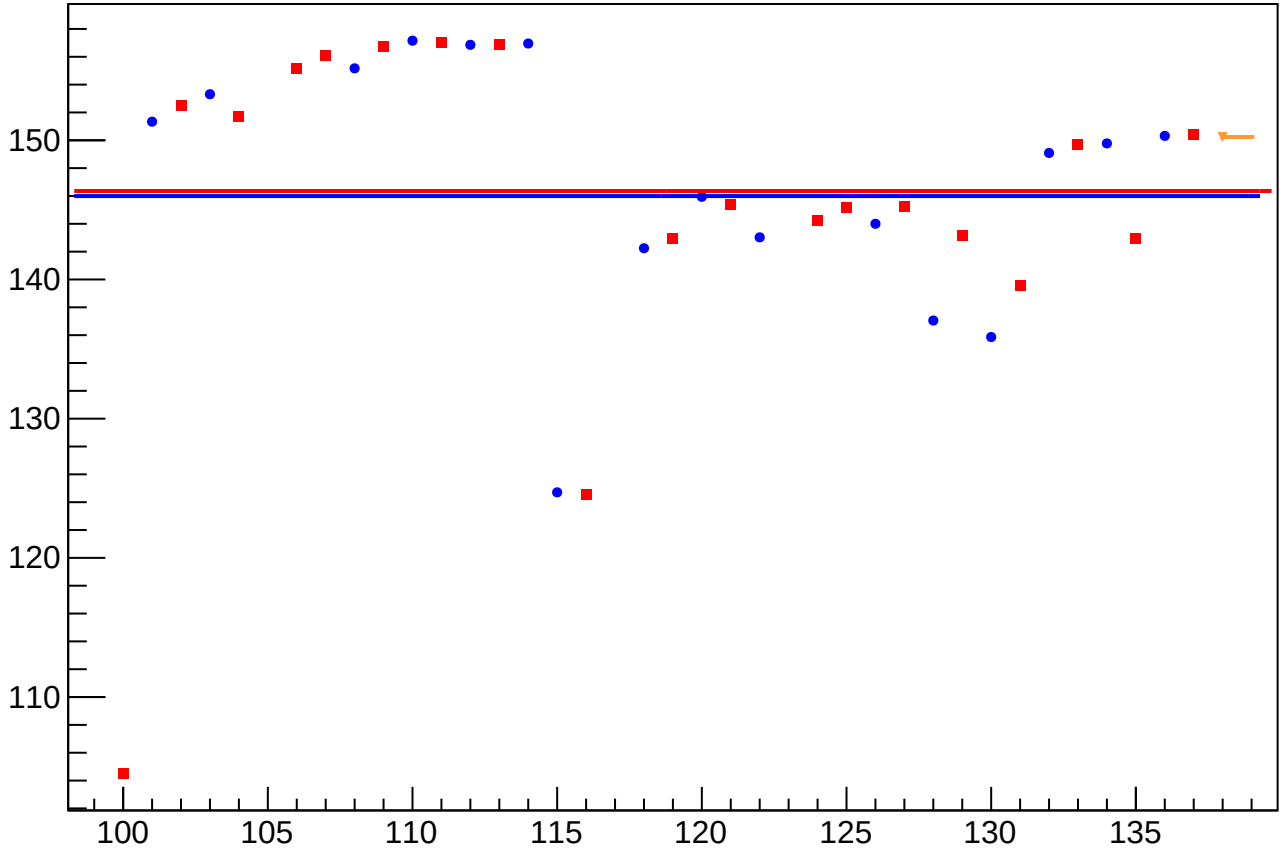
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.332+/-0.000 χ^2/NDF: 1386646.0/16

All: 0.336+/-0.000 χ^2/NDF: 2665108.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 145.993+/-0.000 χ^2/NDF: 3621634656.4/15

Left Out: 150.234+/-0.000 χ^2/NDF:0.0/0

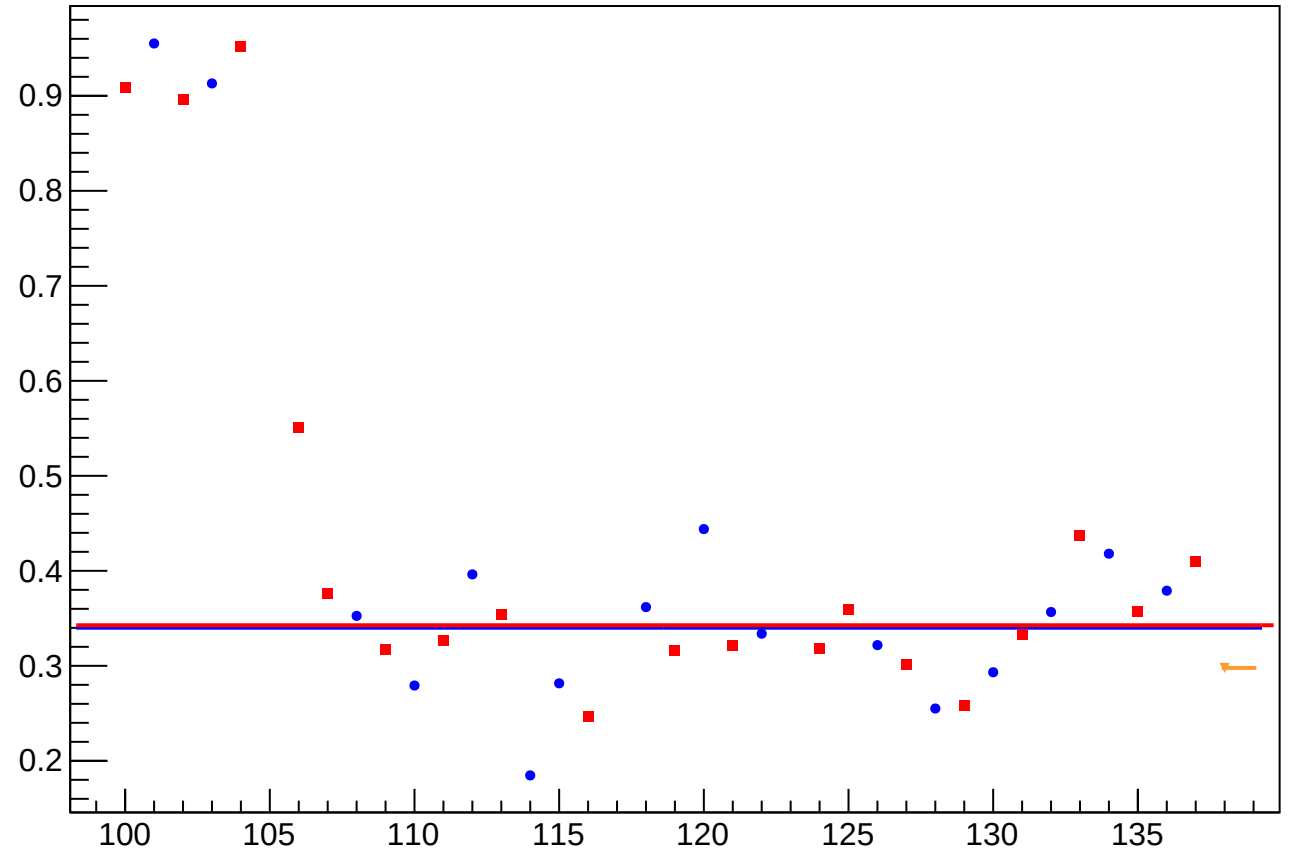
Right Out: 146.358+/-0.000 χ^2/NDF: 3963122316.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 146.581+/-0.000 χ^2/NDF: 3749518357.7/16

All: 146.478+/-0.000 χ^2/NDF: 7714014194.2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.340+/-0.000 χ^2/NDF: 1393222.3/15

Left Out: 0.298+/-0.000 χ^2/NDF:0.0/0

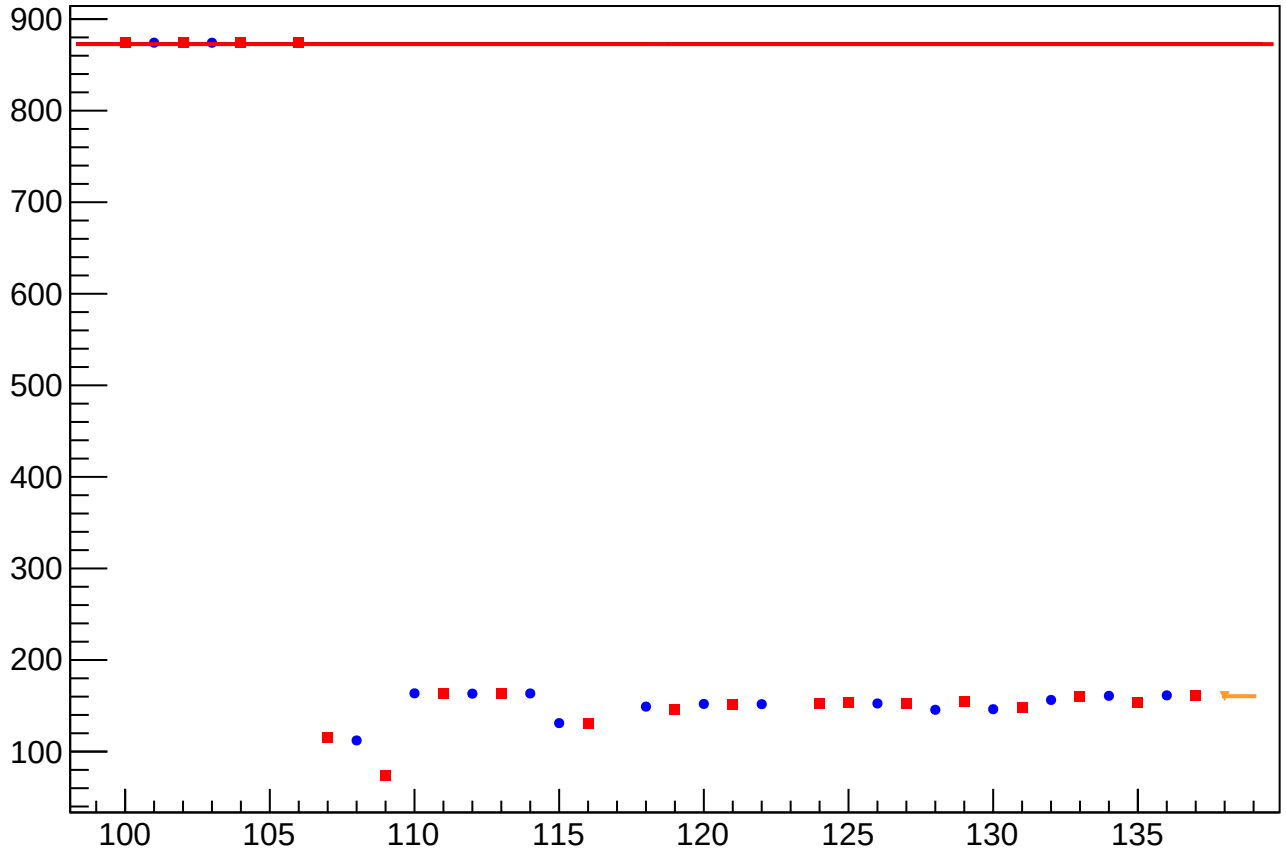
Right Out: 0.343+/-0.000 χ^2/NDF: 1270731.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.334+/-0.000 χ^2/NDF: 1418712.5/16

All: 0.338+/-0.000 χ^2/NDF: 2693378.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 872.822+/-0.000 χ^2/NDF: 7191496833472.3/15

Left Out: 160.487+/-0.001 χ^2/NDF:0.0/0

Right Out: 872.676+/-0.000 χ^2/NDF: 9167298490018.9/18

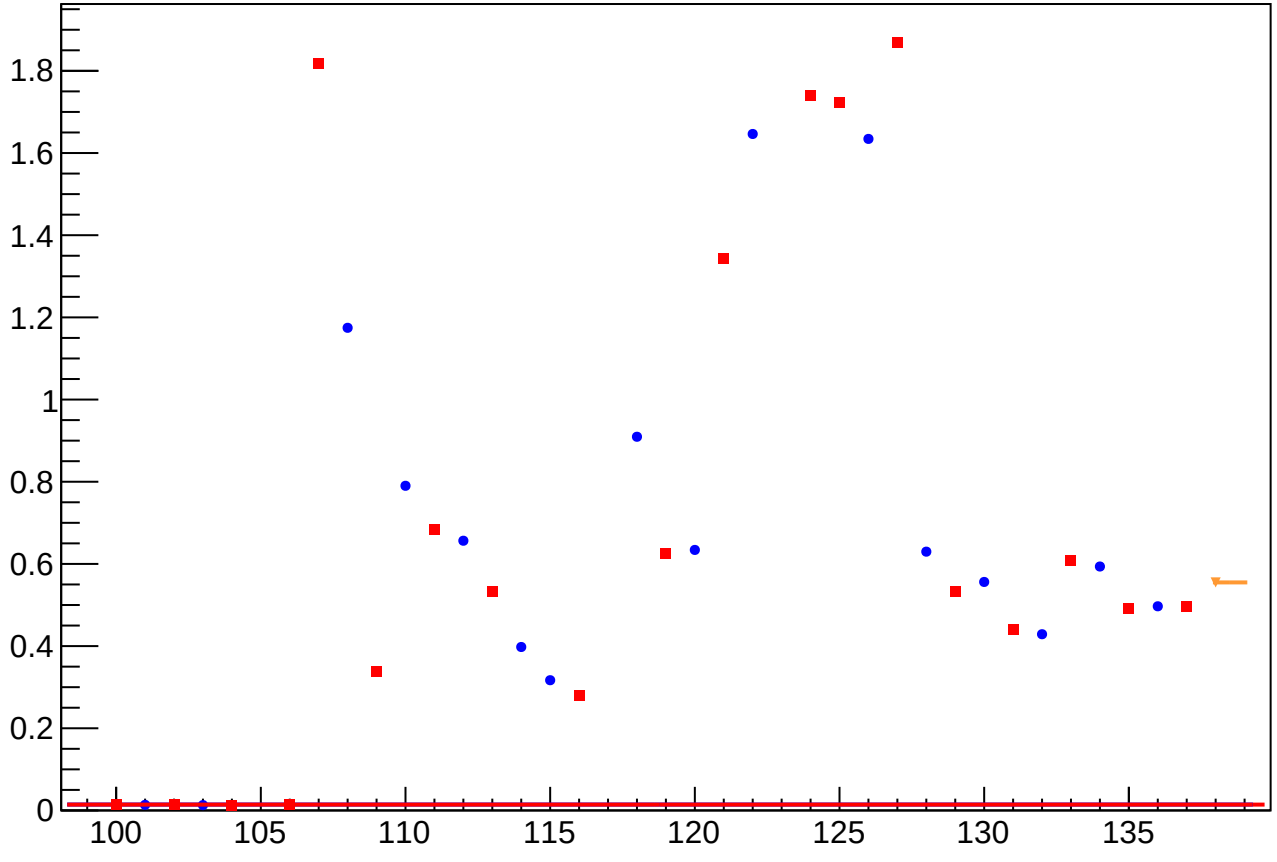
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 872.622+/-0.000 χ^2/NDF: 8208257034870.4

All: 872.651+/-0.000 χ^2/NDF: 17375566739

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4bQ_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 9622176.3/15

Left Out: 0.555+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF: 9410025.7/18

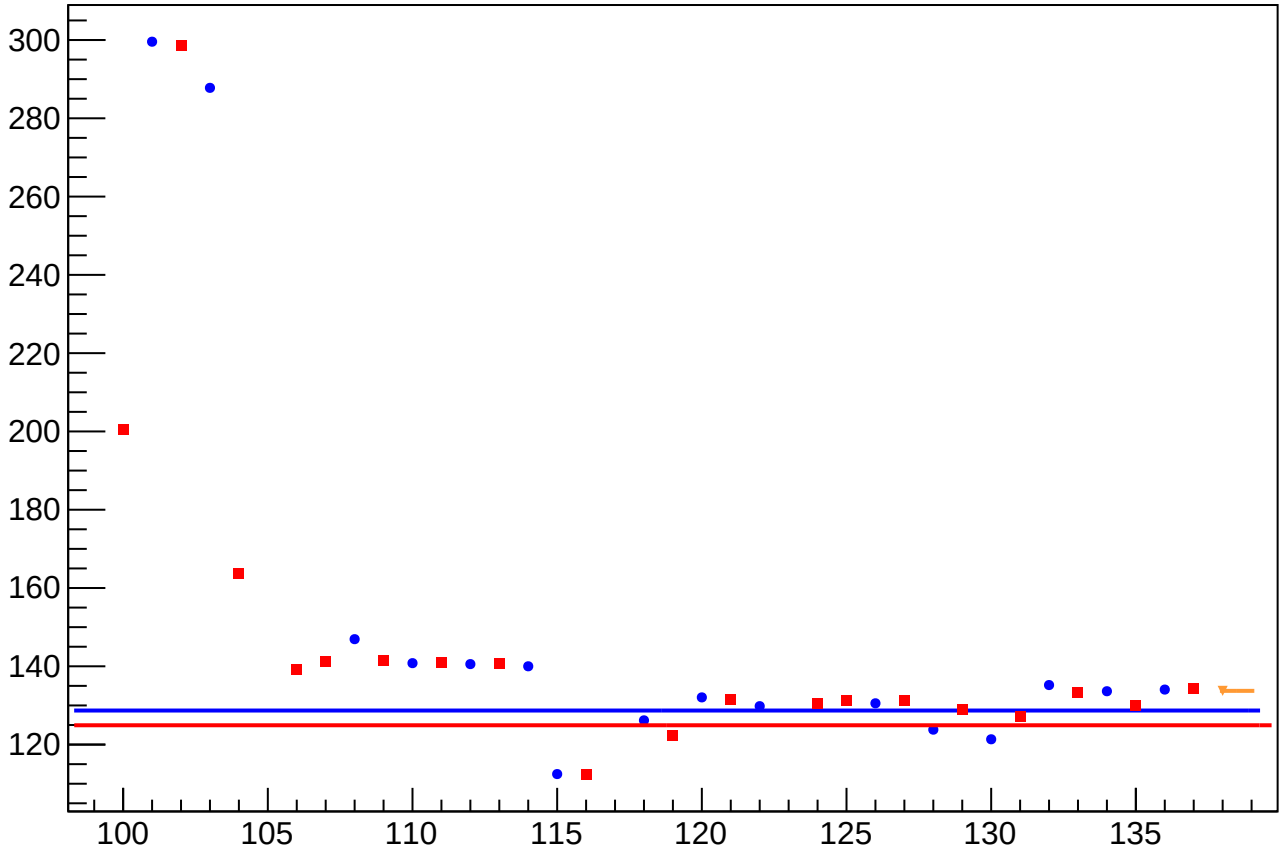
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.000 χ^2/NDF: 10793424.8/16

All: 0.014+/-0.000 χ^2/NDF: 20204105.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 128.701+/-0.000 χ^2/NDF: 1656162604.0/15

Left Out: 133.726+/-0.001 χ^2/NDF:0.0/0

Right Out: 124.935+/-0.000 χ^2/NDF: 1397923053.7/18

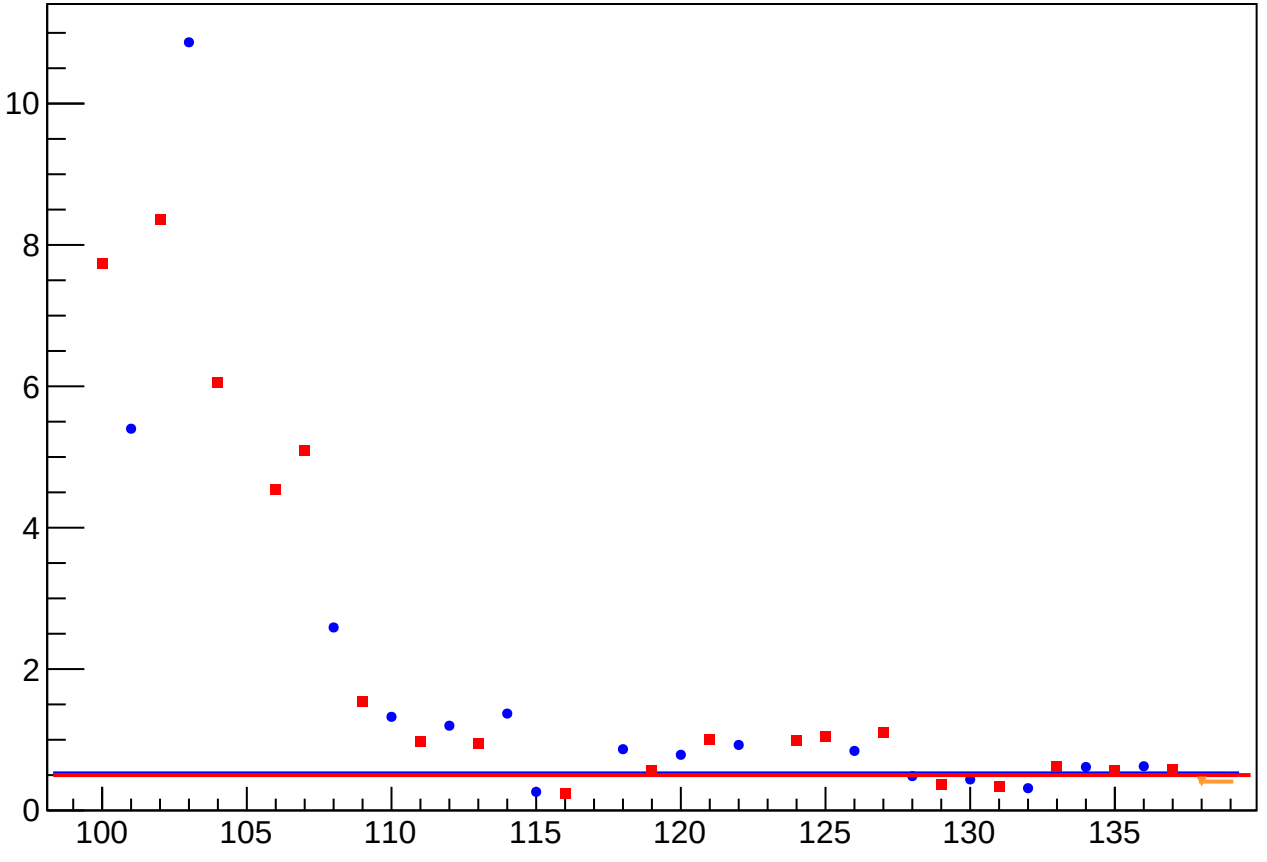
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 129.509+/-0.000 χ^2/NDF: 1710462301.3/16

All: 127.367+/-0.000 χ^2/NDF: 3264433485.5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 0.524+/-0.000 χ^2/NDF: 4138409.3/15

Left Out: 0.409+/-0.000 χ^2/NDF:0.0/0

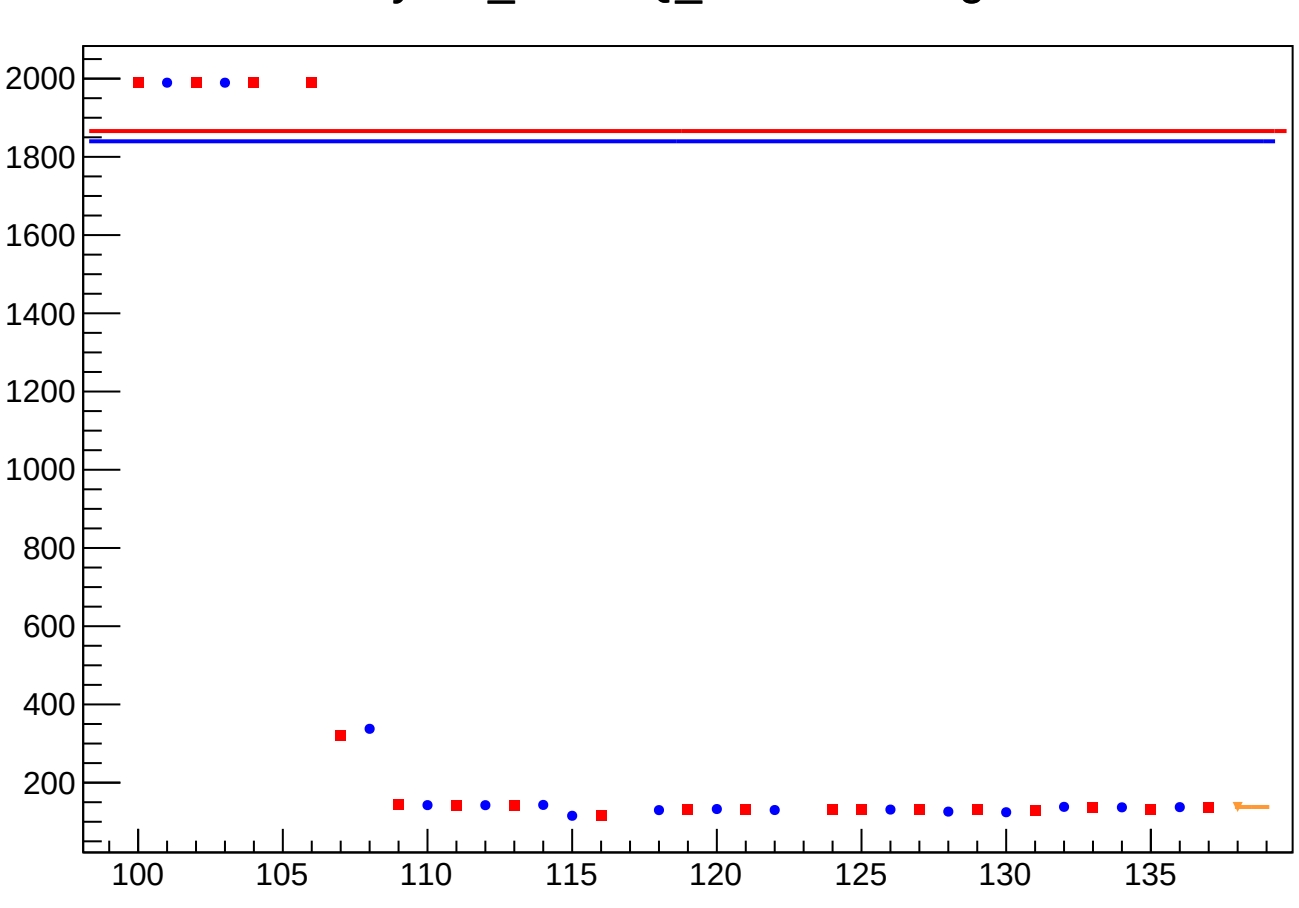
Right Out: 0.501+/-0.000 χ^2/NDF: 4884137.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.505+/-0.000 χ^2/NDF: 4195769.6/16

All: 0.503+/-0.000 χ^2/NDF: 9080270.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1839.782+/-0.000 χ^2/NDF: 145916014549797.4/15

Left Out: 137.790+/-0.000 χ^2/NDF:0.0/0

Right Out: 1865.968+/-0.000 χ^2/NDF: 142769122276045.8/18

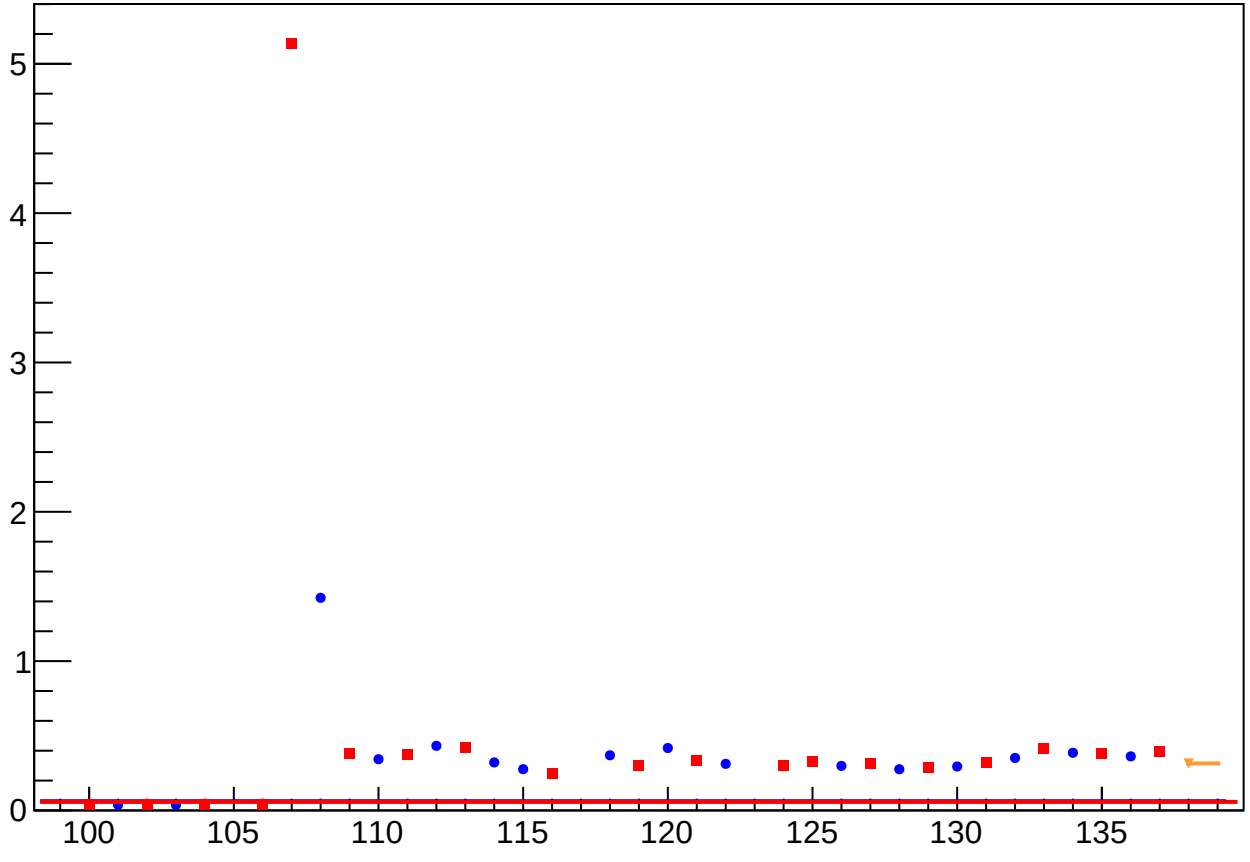
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1817.264+/-0.000 χ^2/NDF: 1677739596804

All: 1843.338+/-0.000 χ^2/NDF: 3112770544

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4dQ_rms vs Slug



Right In: 0.062+/-0.000 χ^2/NDF: 8173578.9/15

Left Out: 0.315+/-0.000 χ^2/NDF:0.0/0

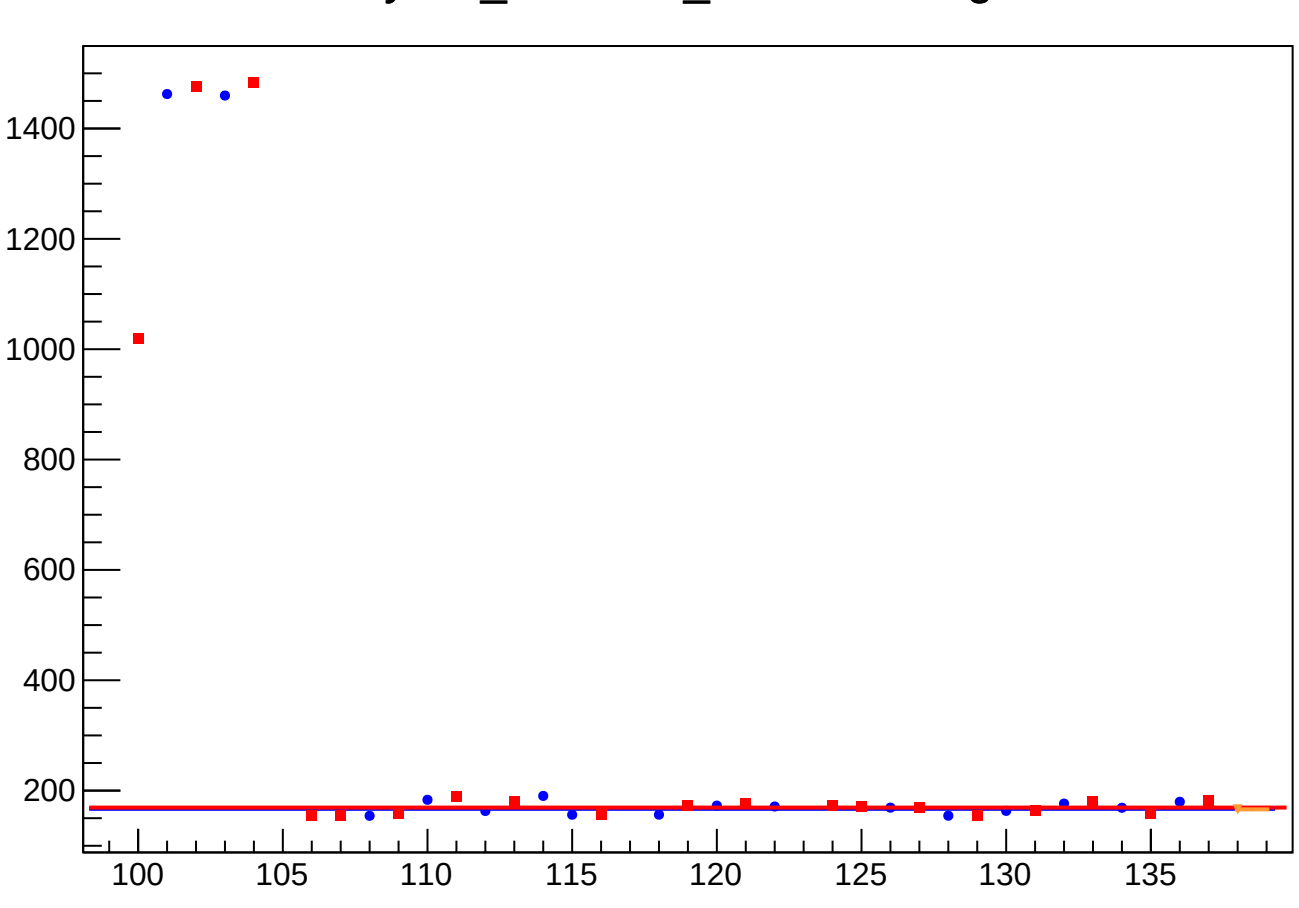
Right Out: 0.057+/-0.000 χ^2/NDF: 7741927.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.065+/-0.000 χ^2/NDF: 9140058.8/16

All: 0.061+/-0.000 χ^2/NDF: 16919958.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 167.017+/-0.000 χ^2/NDF: 14614977518.5/15

Left Out: 166.001+/-0.001 χ^2/NDF:0.0/0

Right Out: 169.257+/-0.000 χ^2/NDF: 16317542946.8/18

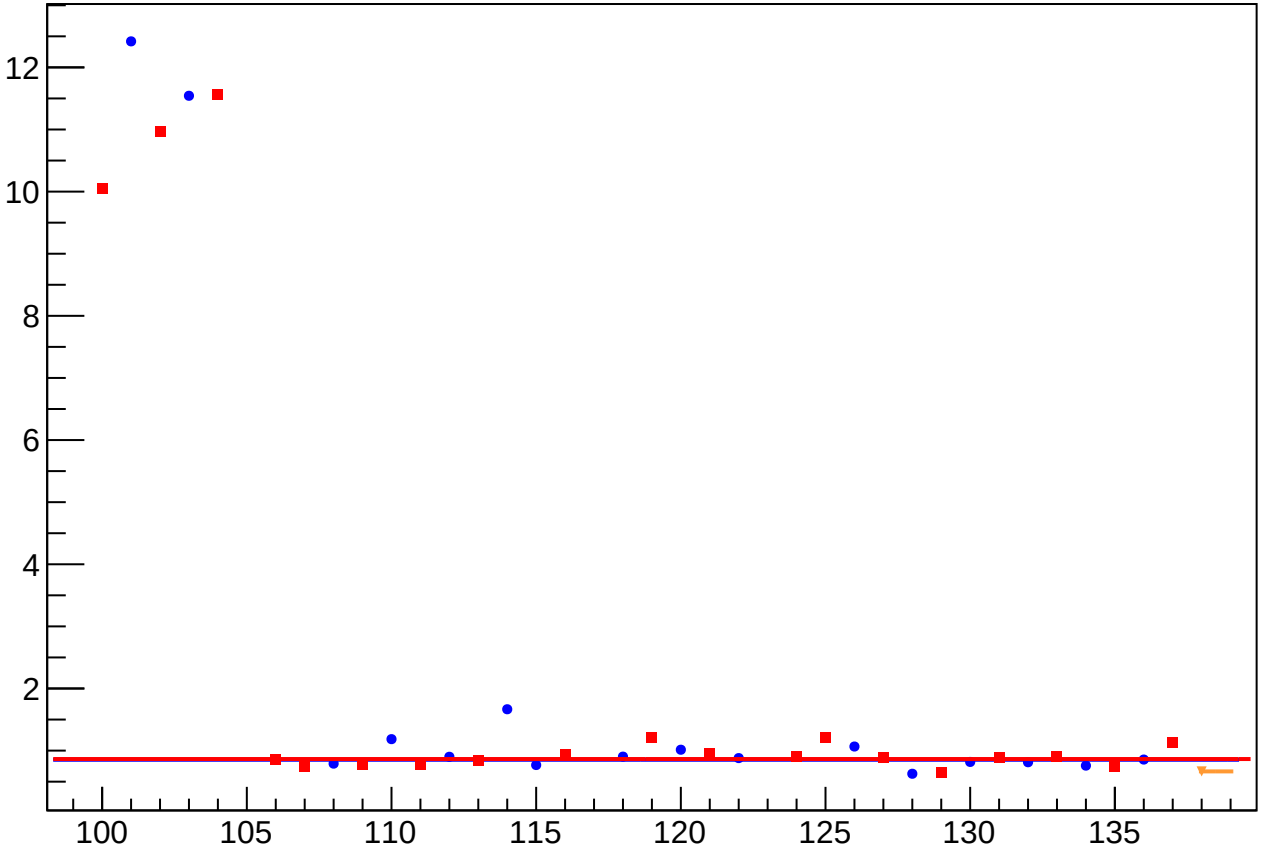
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 166.873+/-0.000 χ^2/NDF: 14615749961.4/16

All: 167.992+/-0.000 χ^2/NDF: 30949733174.

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bcm0l02_rms vs Slug



Right In: 0.853+/-0.000 χ^2/NDF: 2302297.2/15

Left Out: 0.665+/-0.001 χ^2/NDF:0.0/0

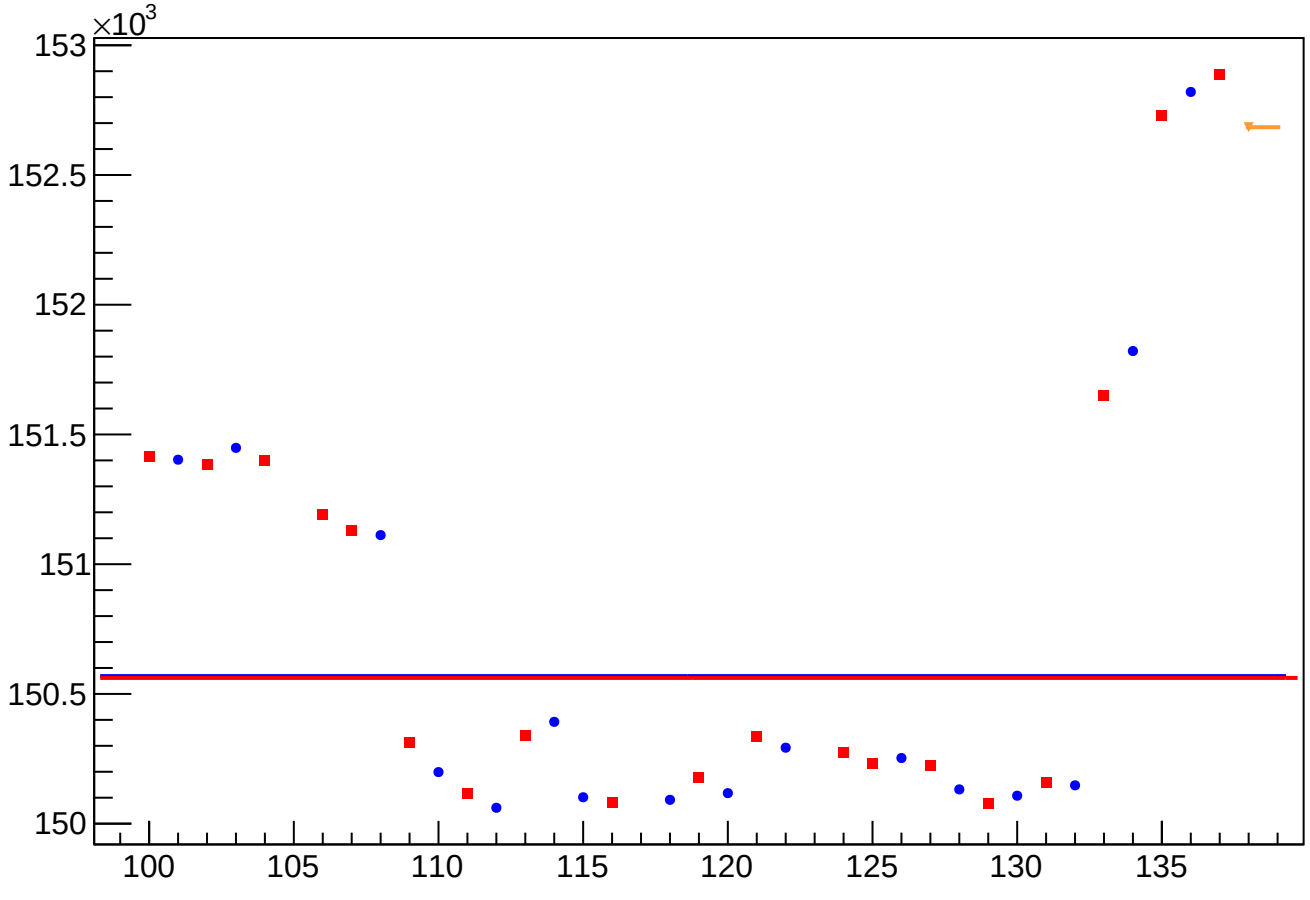
Right Out: 0.864+/-0.000 χ^2/NDF: 2209232.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.826+/-0.000 χ^2/NDF: 2354971.3/16

All: 0.844+/-0.000 χ^2/NDF: 4572486.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 150568.638+/-0.055 χ^2/NDF: 237155171.8/15

Left Out: 152684.087+/-0.206 χ^2/NDF:0.0/0

Right Out: 150561.647+/-0.051 χ^2/NDF: 197500782.5/18

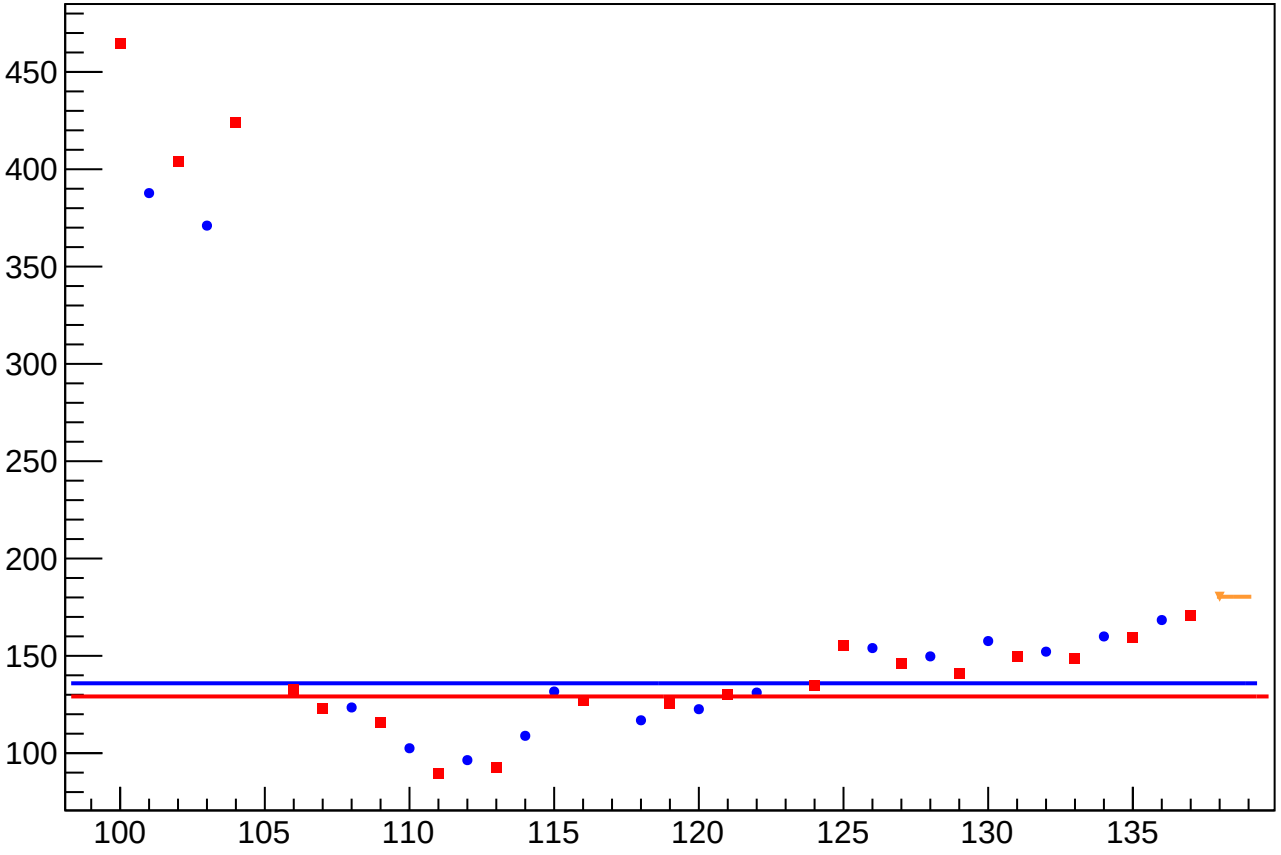
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150707.587+/-0.053 χ^2/NDF: 335716360.3/1

All: 150632.080+/-0.037 χ^2/NDF: 53717187

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 135.896+/-0.039 χ^2/NDF: 1416332.3/15

Left Out: 180.365+/-0.146 χ^2/NDF:0.0/0

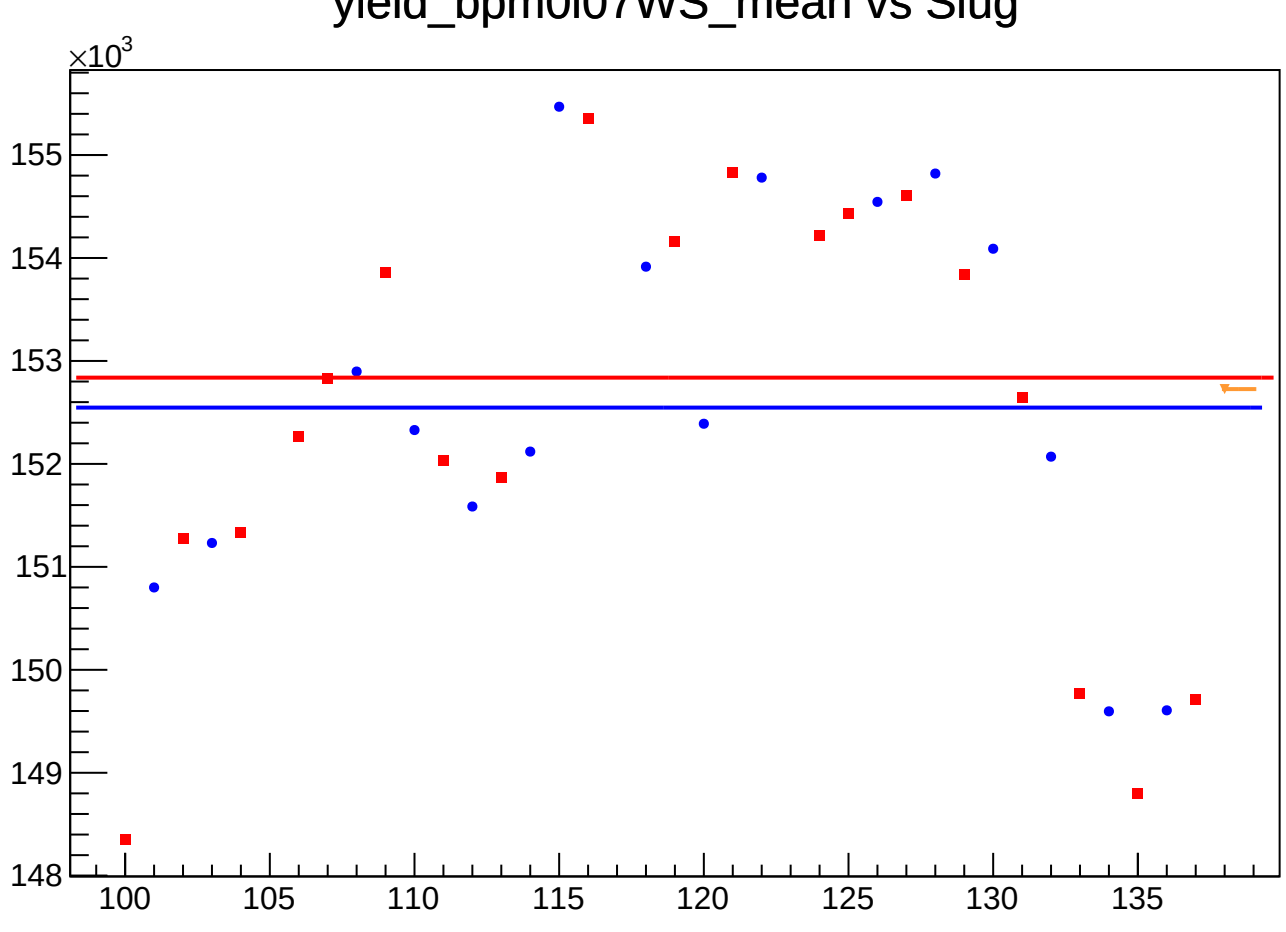
Right Out: 129.130+/-0.036 χ^2/NDF: 1614311.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 138.817+/-0.037 χ^2/NDF: 1503438.6/16

All: 133.805+/-0.026 χ^2/NDF: 3152594.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 152546.899+/-0.073 χ^2/NDF: 654540559.6/15

Left Out: 152726.627+/-0.197 χ^2/NDF:0.0/0

Right Out: 152837.888+/-0.067 χ^2/NDF: 736907066.8/18

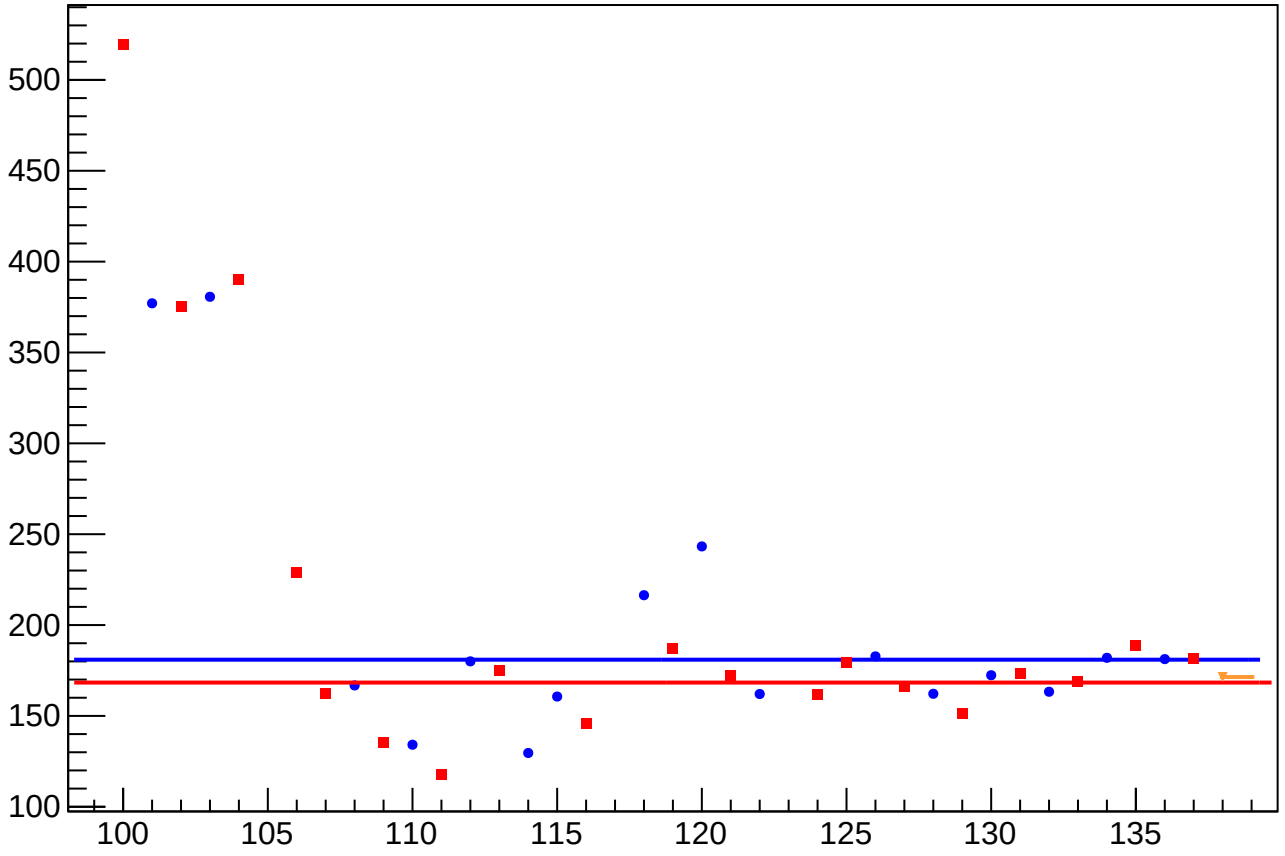
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152568.333+/-0.068 χ^2/NDF: 655271131.5/1

All: 152706.086+/-0.048 χ^2/NDF: 14001736

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 180.938+/-0.051 χ^2/NDF: 907758.2/15

Left Out: 171.395+/-0.140 χ^2/NDF:0.0/0

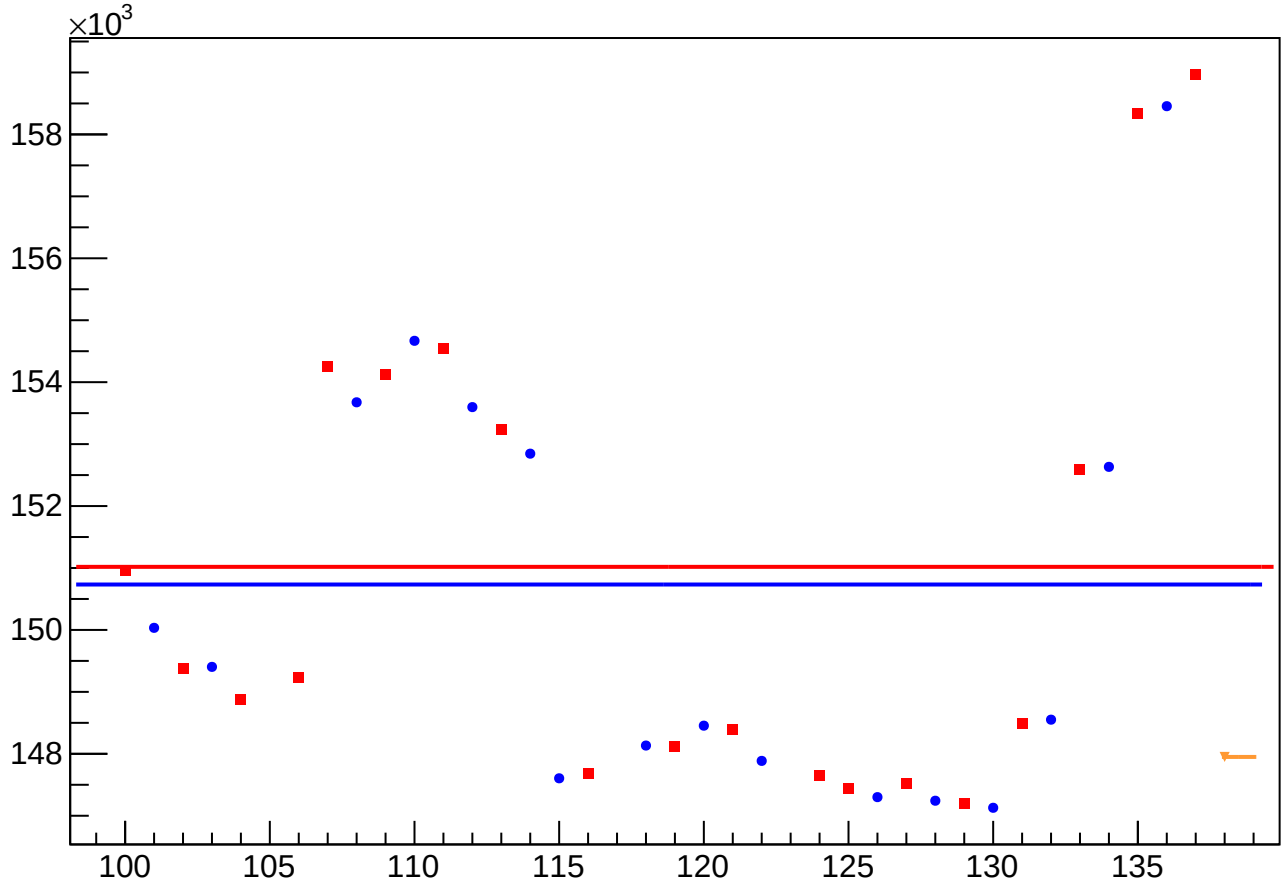
Right Out: 168.349+/-0.047 χ^2/NDF: 1089090.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 179.800+/-0.048 χ^2/NDF: 911878.0/16

All: 173.948+/-0.034 χ^2/NDF: 2029826.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 150733.301+/-0.063 χ^2/NDF: 3283848751.0/15

Left Out: 147949.544+/-0.208 χ^2/NDF:0.0/0

Right Out: 151018.500+/-0.060 χ^2/NDF: 3286131878.7/18

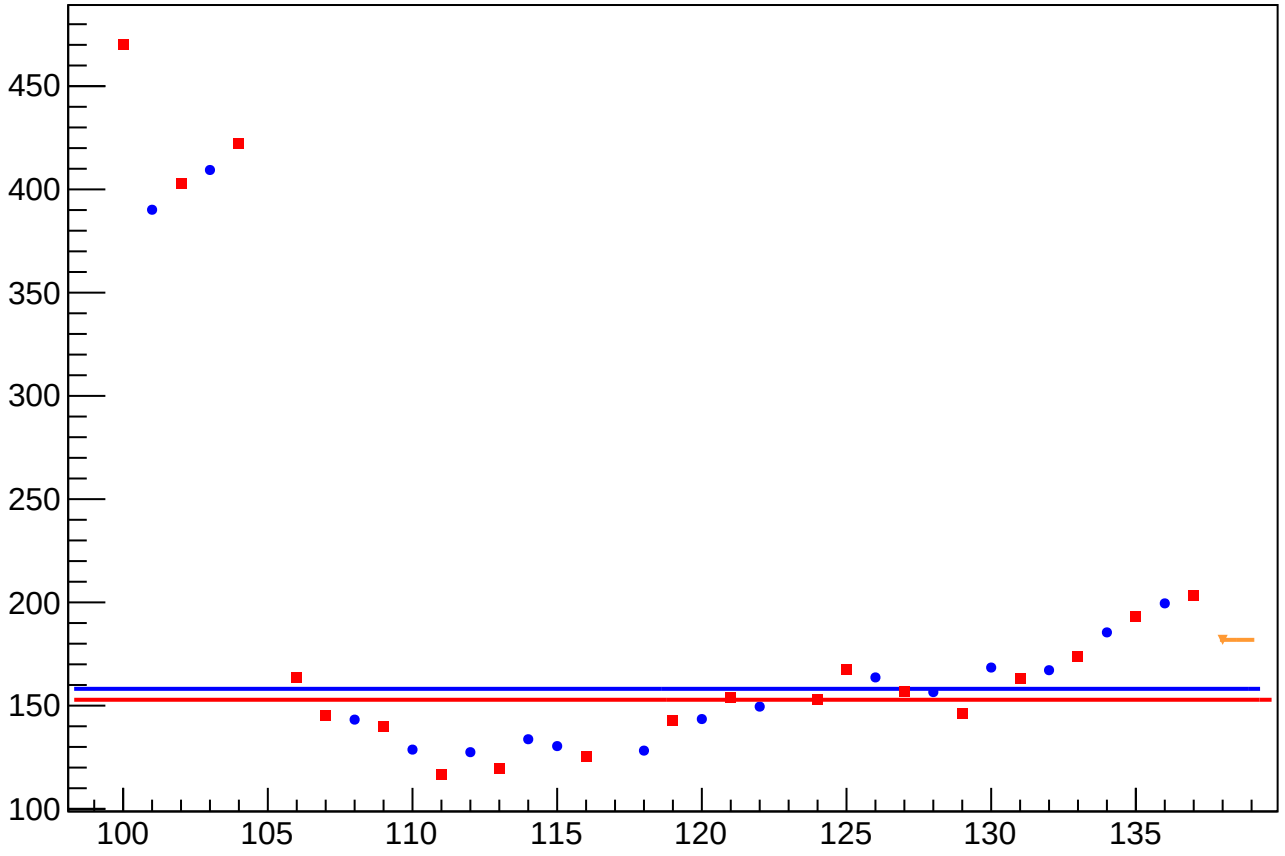
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150500.165+/-0.060 χ^2/NDF: 3447891701.4

All: 150759.986+/-0.043 χ^2/NDF: 67711758

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug



Right In: 158.138+/-0.044 χ^2/NDF: 1195699.5/15

Left Out: 181.861+/-0.147 χ^2/NDF:0.0/0

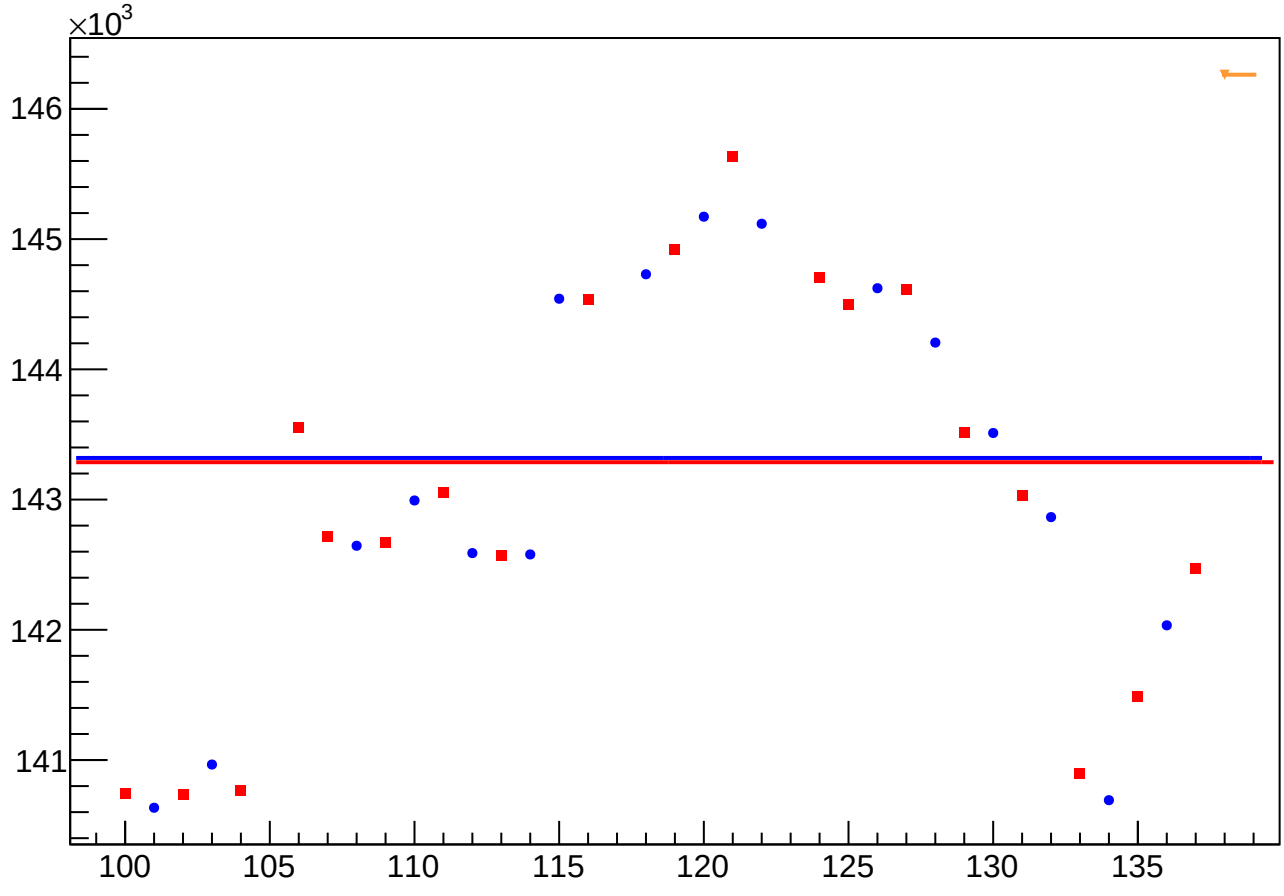
Right Out: 152.841+/-0.042 χ^2/NDF: 1264236.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 160.125+/-0.043 χ^2/NDF: 1219526.3/16

All: 156.474+/-0.030 χ^2/NDF: 2498433.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 143319.651+/-0.053 χ^2/NDF: 559301530.7/15

Left Out: 146262.473+/-0.207 χ^2/NDF:0.0/0

Right Out: 143286.960+/-0.050 χ^2/NDF: 620521577.8/18

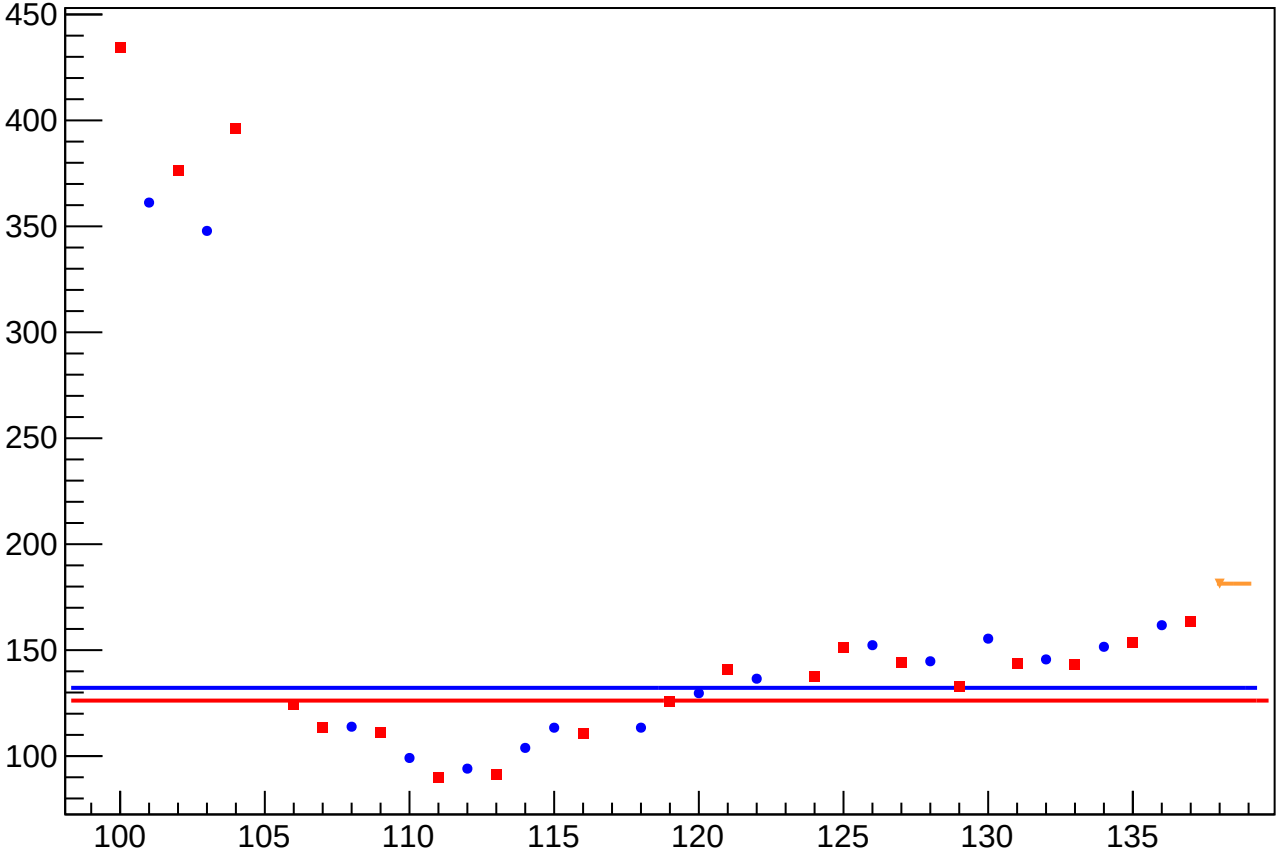
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 143500.999+/-0.051 χ^2/NDF: 748401326.9/1

All: 143390.269+/-0.036 χ^2/NDF: 13778724

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug



Right In: 132.204+/-0.038 χ^2/NDF: 1379168.6/15

Left Out: 181.378+/-0.147 χ^2/NDF:0.0/0

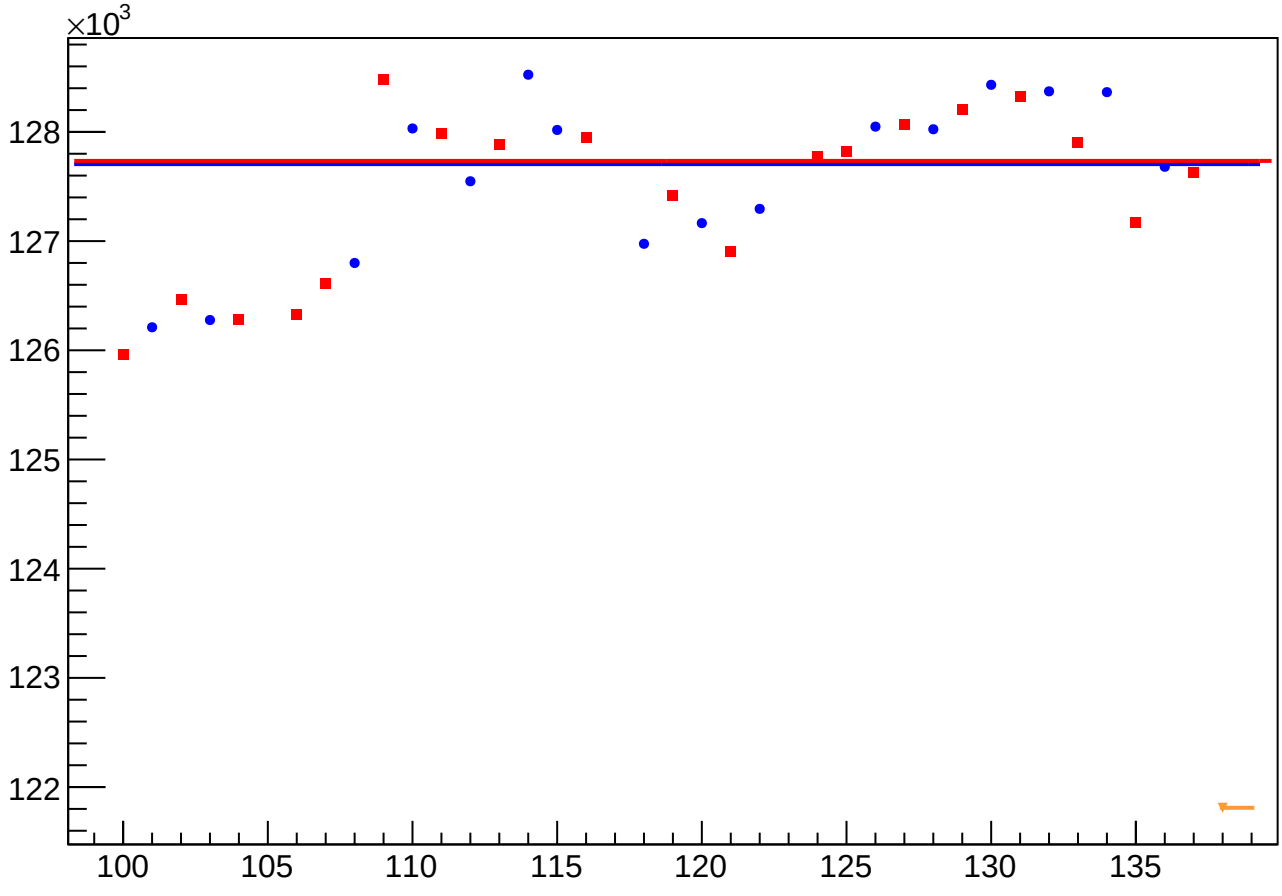
Right Out: 126.191+/-0.035 χ^2/NDF: 1545034.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 135.234+/-0.036 χ^2/NDF: 1484768.7/16

All: 130.556+/-0.025 χ^2/NDF: 3061755.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 127705.222+/-0.058 χ^2/NDF: 104467207.7/15

Left Out: 121810.390+/-0.182 χ^2/NDF:0.0/0

Right Out: 127734.542+/-0.055 χ^2/NDF: 109469333.8/18

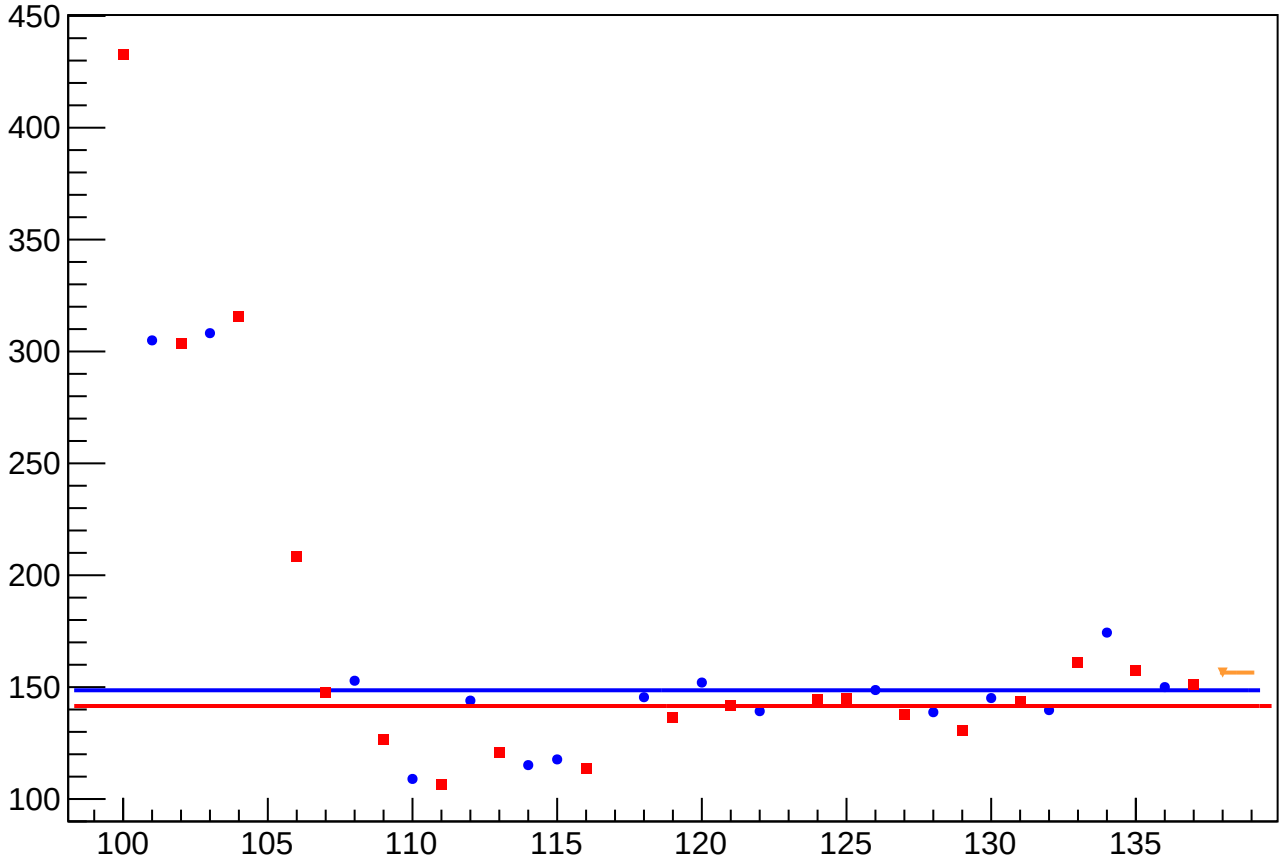
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 127155.824+/-0.056 χ^2/NDF: 1053523299.9

All: 127448.922+/-0.039 χ^2/NDF: 12178079

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 148.593+/-0.041 χ^2/NDF: 827701.4/15

Left Out: 156.502+/-0.129 χ^2/NDF:0.0/0

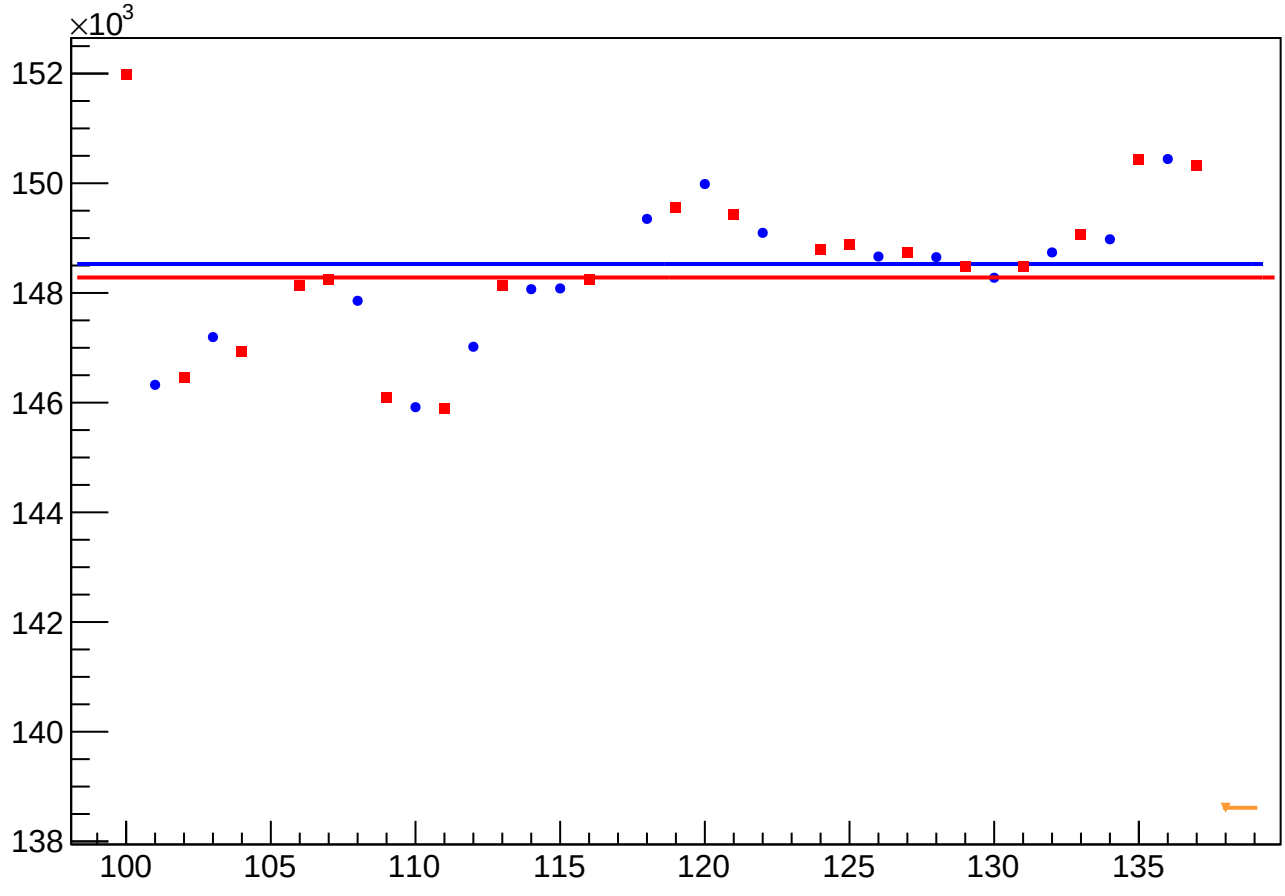
Right Out: 141.563+/-0.039 χ^2/NDF: 1001225.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 149.330+/-0.039 χ^2/NDF: 831118.4/16

All: 145.396+/-0.028 χ^2/NDF: 1852091.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 148527.678+/-0.082 χ^2/NDF: 209208133.0/15

Left Out: 138613.313+/-0.278 χ^2/NDF:0.0/0

Right Out: 148282.003+/-0.077 χ^2/NDF: 294673557.8/18

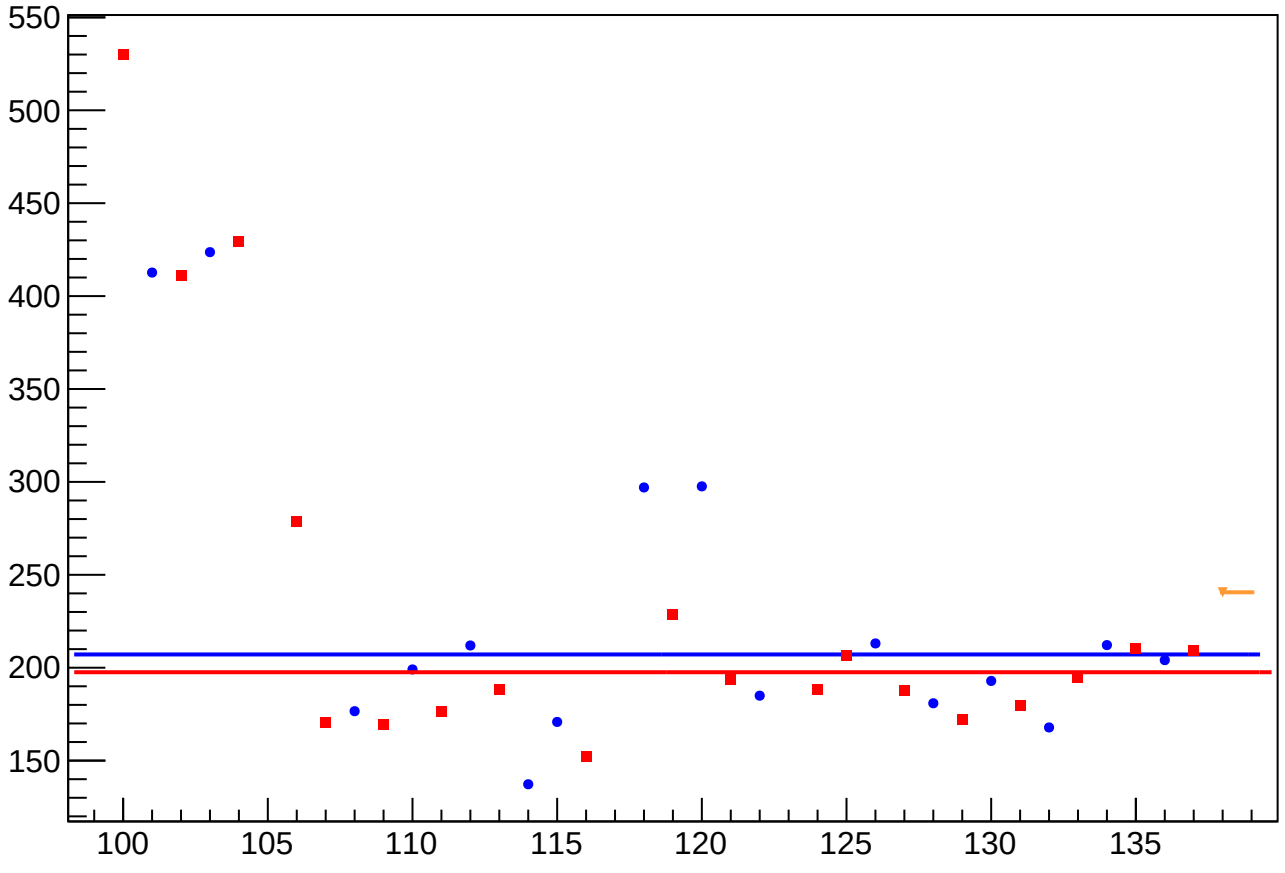
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 147733.541+/-0.079 χ^2/NDF: 1381851380.6

All: 148014.785+/-0.055 χ^2/NDF: 17014992

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug



Right In: 207.135+/-0.058 χ^2/NDF: 972216.9/15

Left Out: 240.594+/-0.196 χ^2/NDF:0.0/0

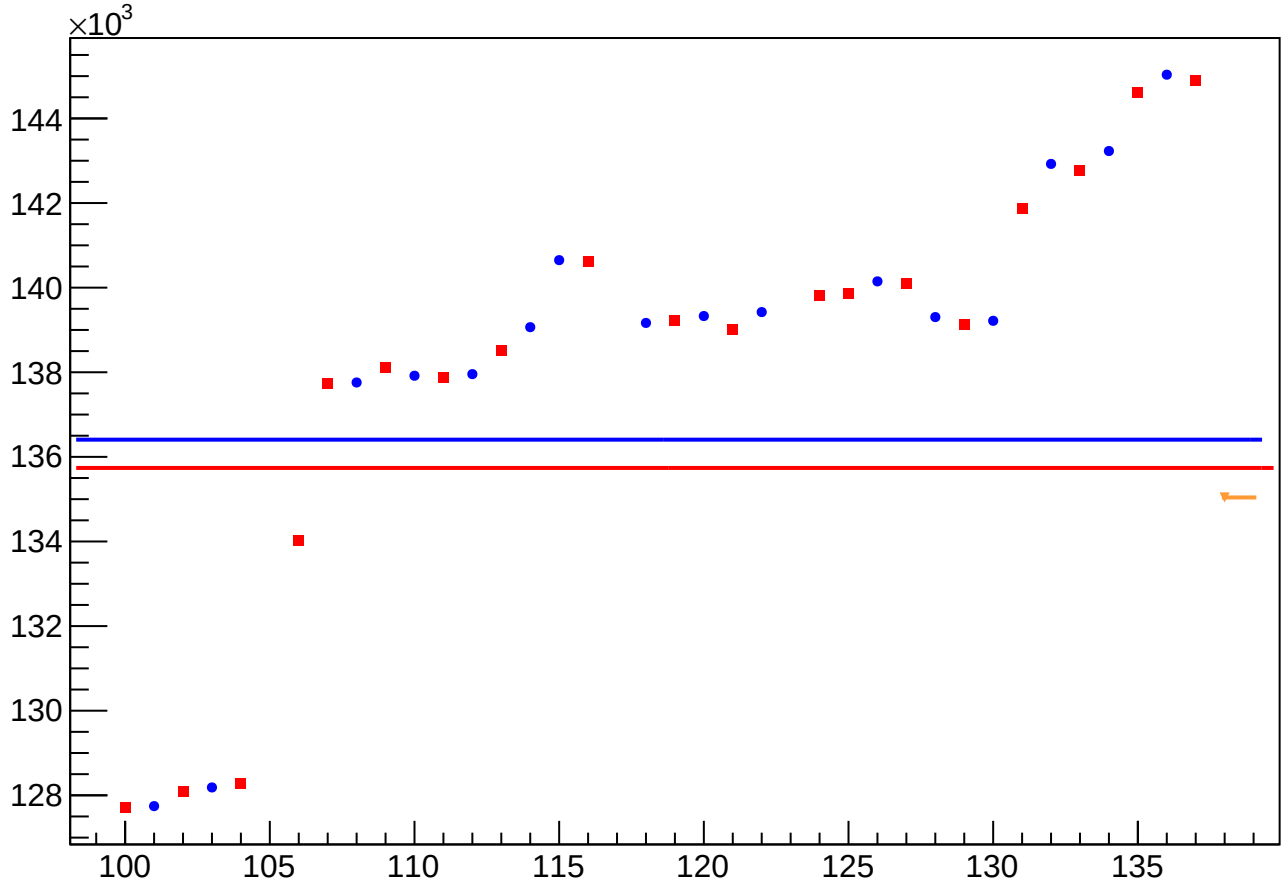
Right Out: 197.571+/-0.054 χ^2/NDF: 903999.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 209.815+/-0.056 χ^2/NDF: 998928.1/16

All: 203.536+/-0.039 χ^2/NDF: 1927820.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 136406.923+/-0.169 χ^2/NDF: 1577071044.7/15

Left Out: 135040.541+/-0.572 χ^2/NDF:0.0/0

Right Out: 135738.412+/-0.177 χ^2/NDF: 1174123878.0/18

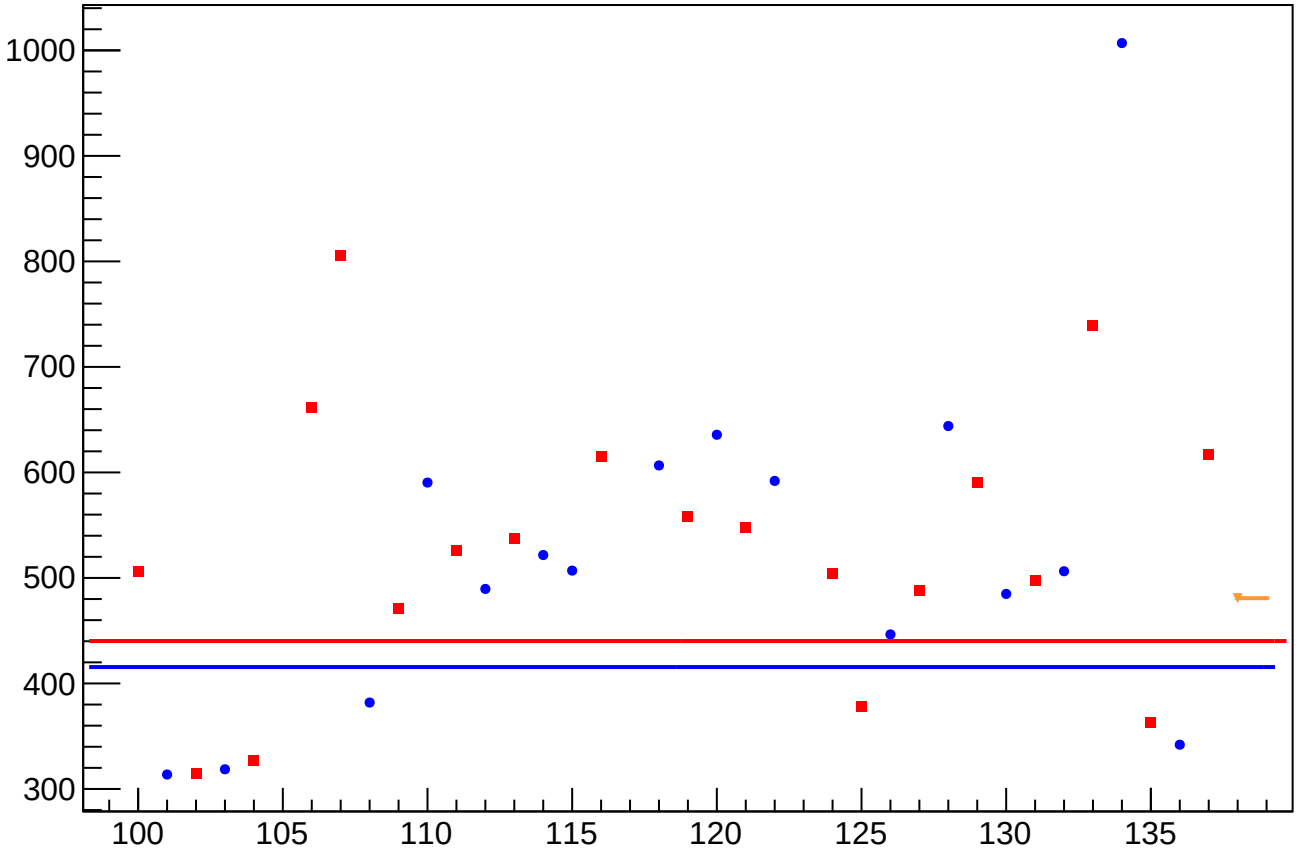
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136297.780+/-0.162 χ^2/NDF: 1582318804.3

All: 136042.793+/-0.119 χ^2/NDF: 27618975

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug



Right In: 415.547+/-0.119 χ^2/NDF: 1031600.7/15

Left Out: 480.825+/-0.405 χ^2/NDF:0.0/0

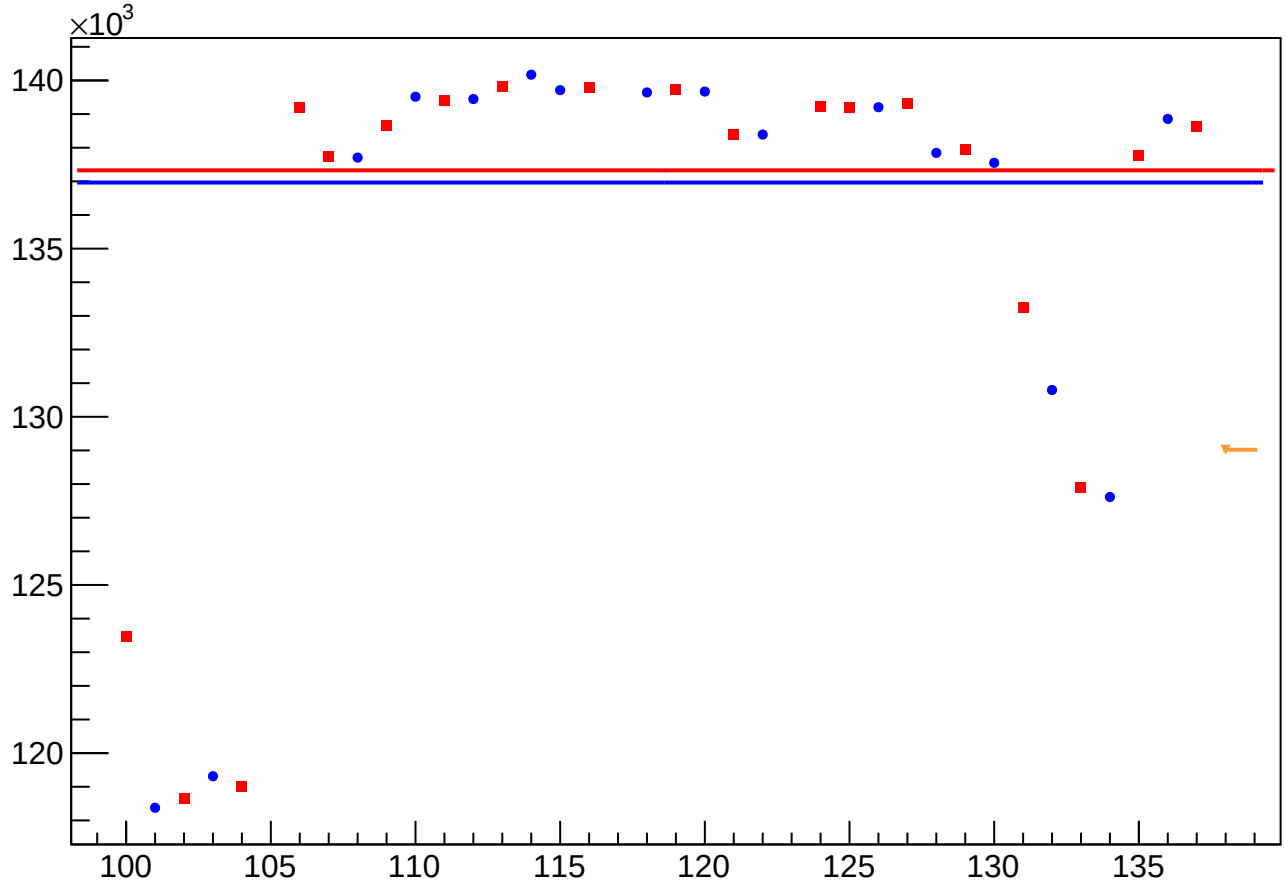
Right Out: 440.218+/-0.125 χ^2/NDF: 910790.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 420.762+/-0.114 χ^2/NDF: 1055555.1/16

All: 429.631+/-0.084 χ^2/NDF: 1979543.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 136964.958+/-0.070 χ^2/NDF: 5807770301.4/15

Left Out: 129020.575+/-0.192 χ^2/NDF:0.0/0

Right Out: 137327.469+/-0.066 χ^2/NDF: 5737745895.7/18

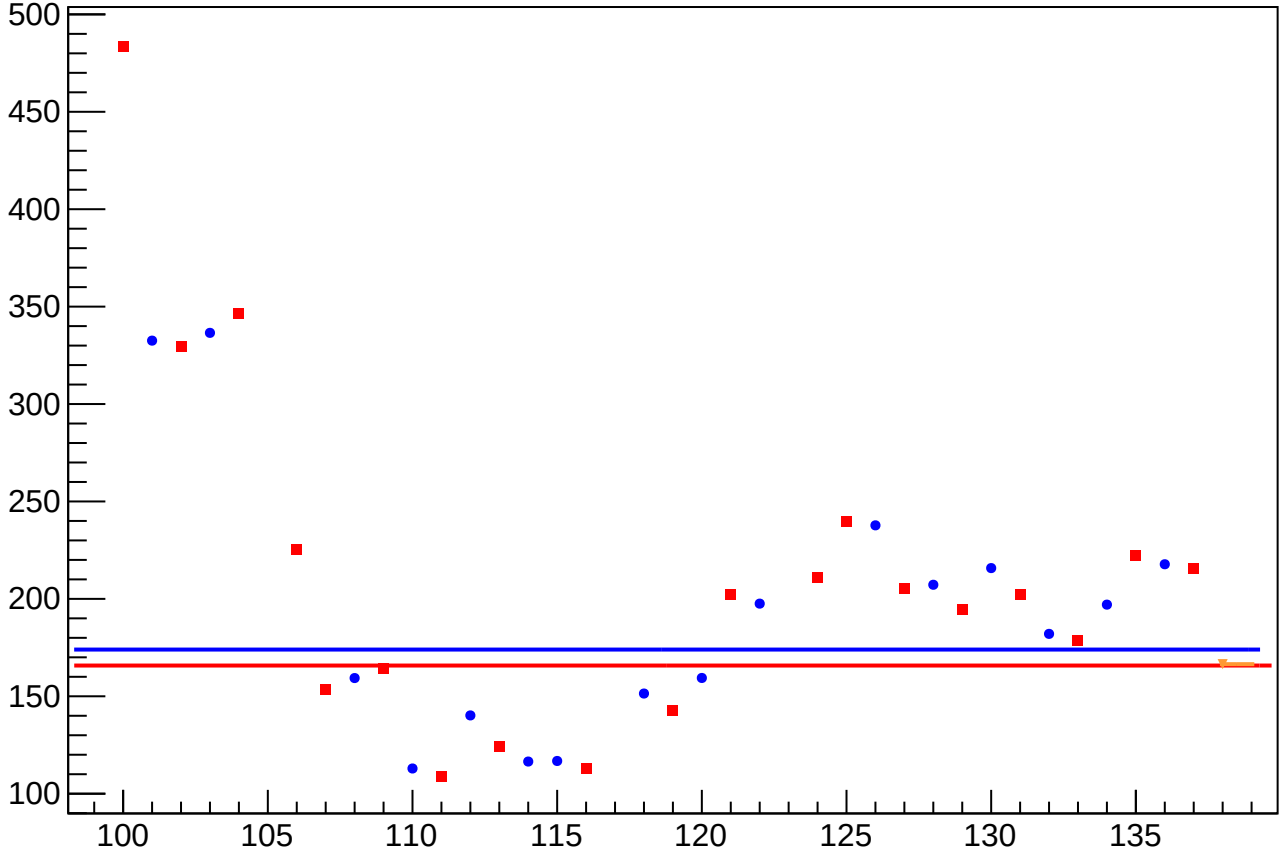
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136038.607+/-0.066 χ^2/NDF: 7321434338.1

All: 136682.132+/-0.046 χ^2/NDF: 13252928

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug



Right In: 173.982+/-0.049 χ^2/NDF: 1188493.1/15

Left Out: 166.485+/-0.136 χ^2/NDF:0.0/0

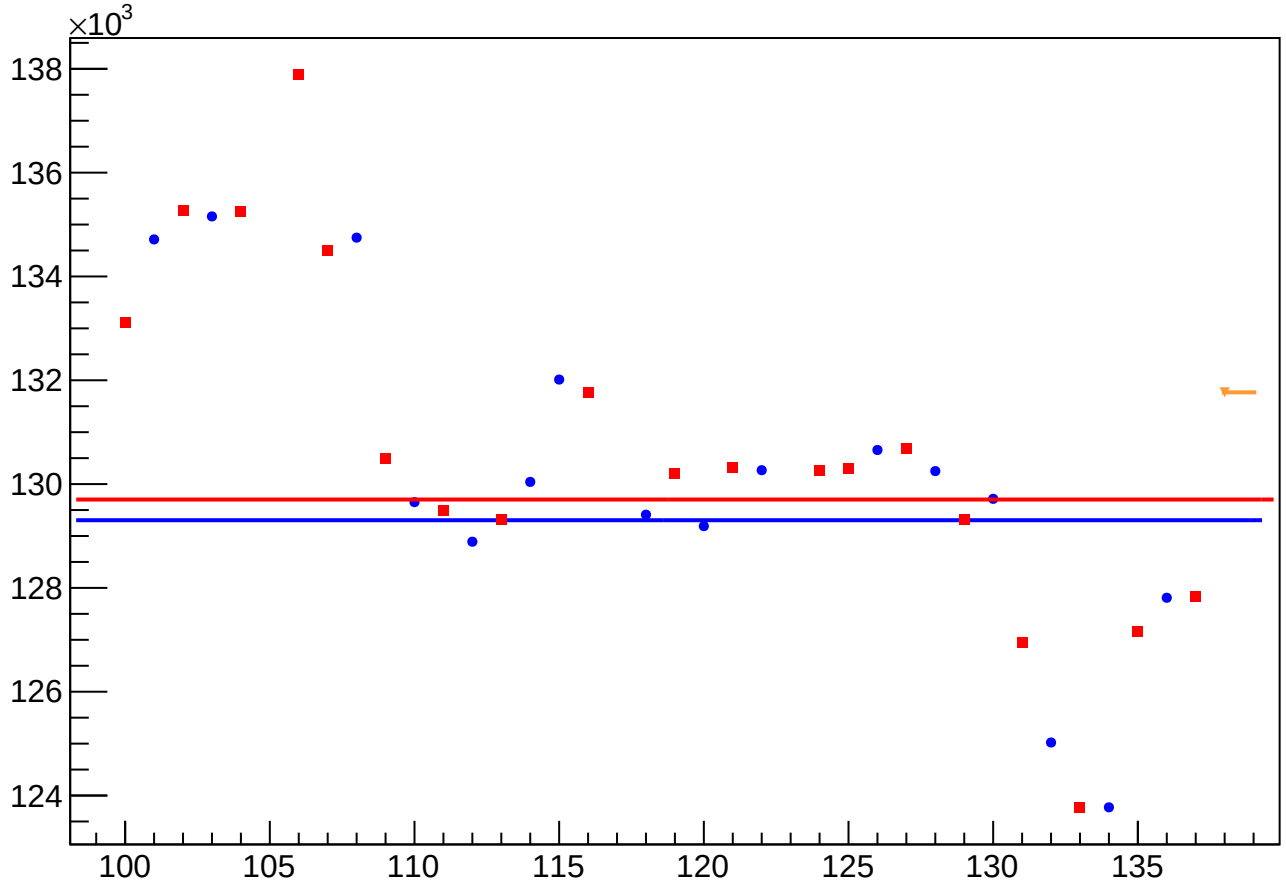
Right Out: 165.780+/-0.046 χ^2/NDF: 1433162.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 173.108+/-0.046 χ^2/NDF: 1191189.0/16

All: 169.449+/-0.033 χ^2/NDF: 2636833.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 129303.894+/-0.066 χ^2/NDF: 1650235360.7/15

Left Out: 131767.191+/-0.188 χ^2/NDF:0.0/0

Right Out: 129702.568+/-0.062 χ^2/NDF: 1777723481.2/18

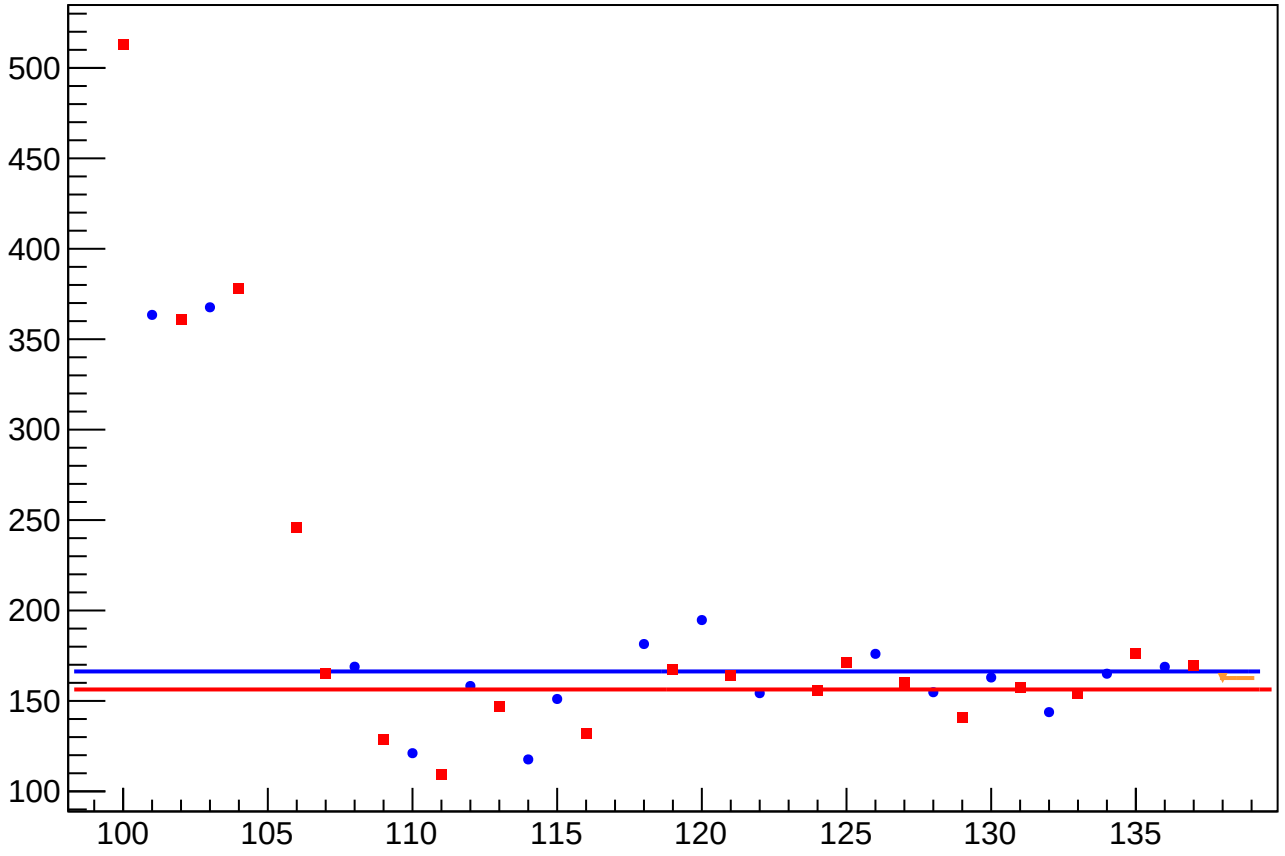
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 129575.668+/-0.062 χ^2/NDF: 1802990037.7

All: 129640.039+/-0.044 χ^2/NDF: 35828085

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug



Right In: 166.302+/-0.047 χ^2/NDF: 937947.6/15

Left Out: 162.659+/-0.133 χ^2/NDF:0.0/0

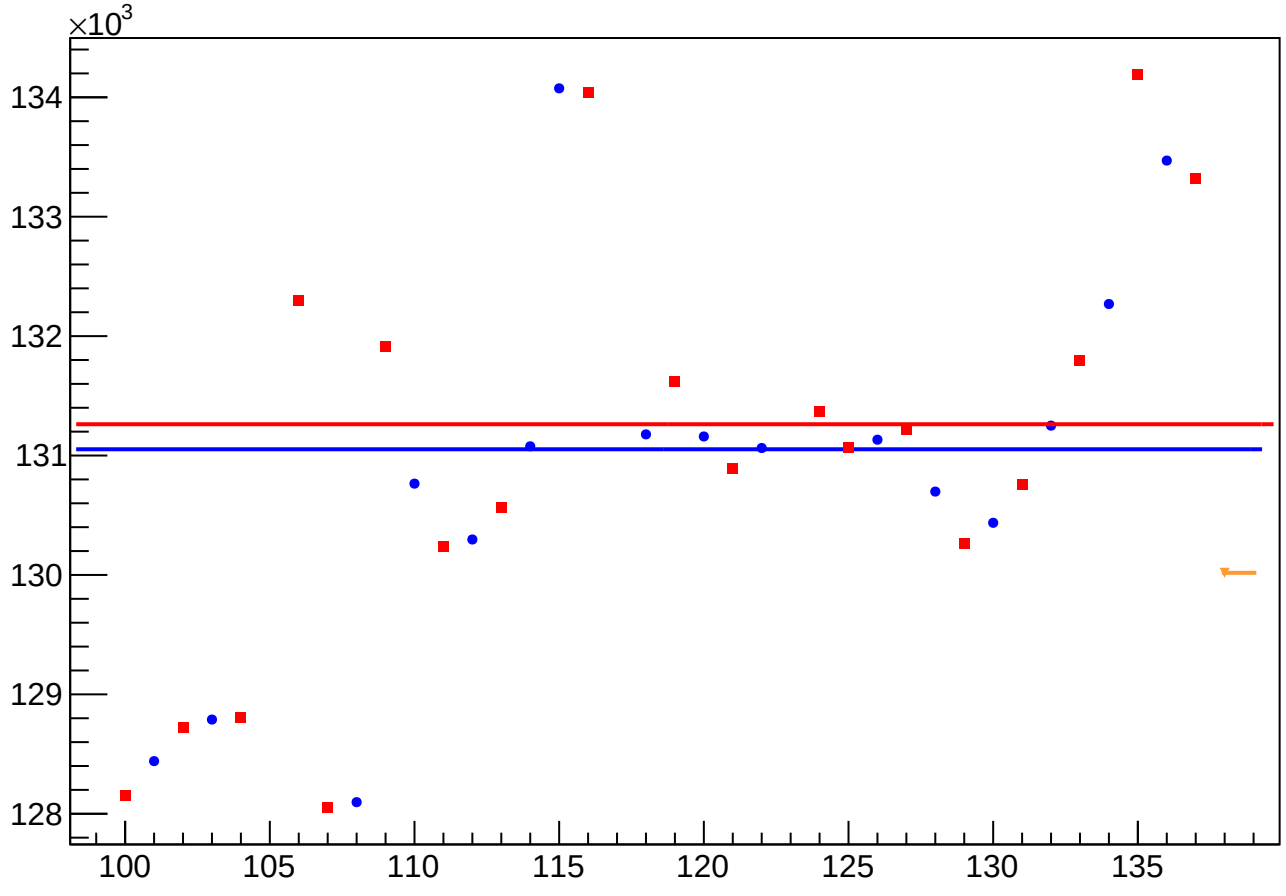
Right Out: 156.334+/-0.044 χ^2/NDF: 1172834.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 165.900+/-0.044 χ^2/NDF: 938615.9/16

All: 161.048+/-0.031 χ^2/NDF: 2135262.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 131052.422+/-0.061 χ^2/NDF: 523713045.8/15

Left Out: 130017.986+/-0.178 χ^2/NDF:0.0/0

Right Out: 131262.232+/-0.057 χ^2/NDF: 604278186.1/18

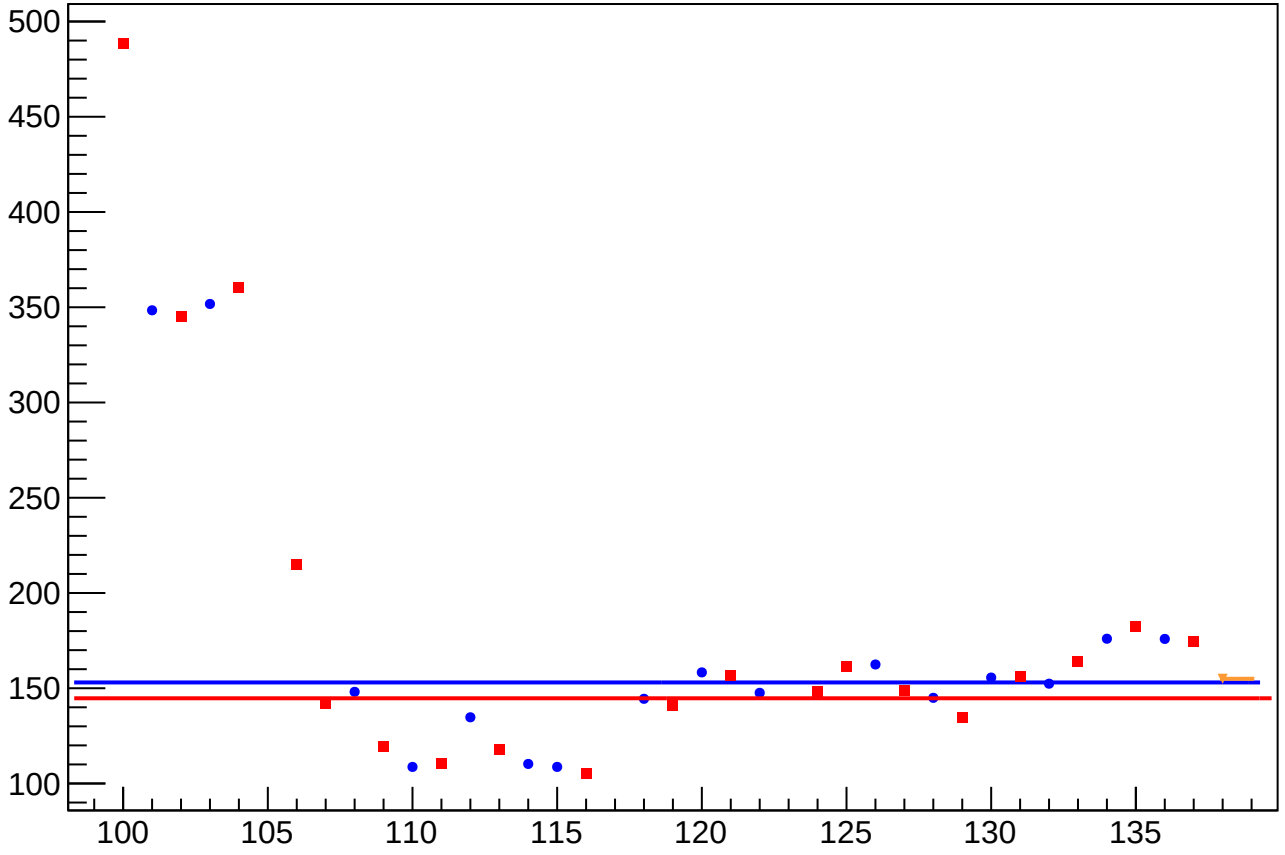
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 130944.930+/-0.057 χ^2/NDF: 553951023.4/1

All: 131105.637+/-0.040 χ^2/NDF: 11737042

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l06WS_rms vs Slug



Right In: 153.043+/-0.043 χ^2/NDF: 1059470.3/15

Left Out: 154.973+/-0.126 χ^2/NDF:0.0/0

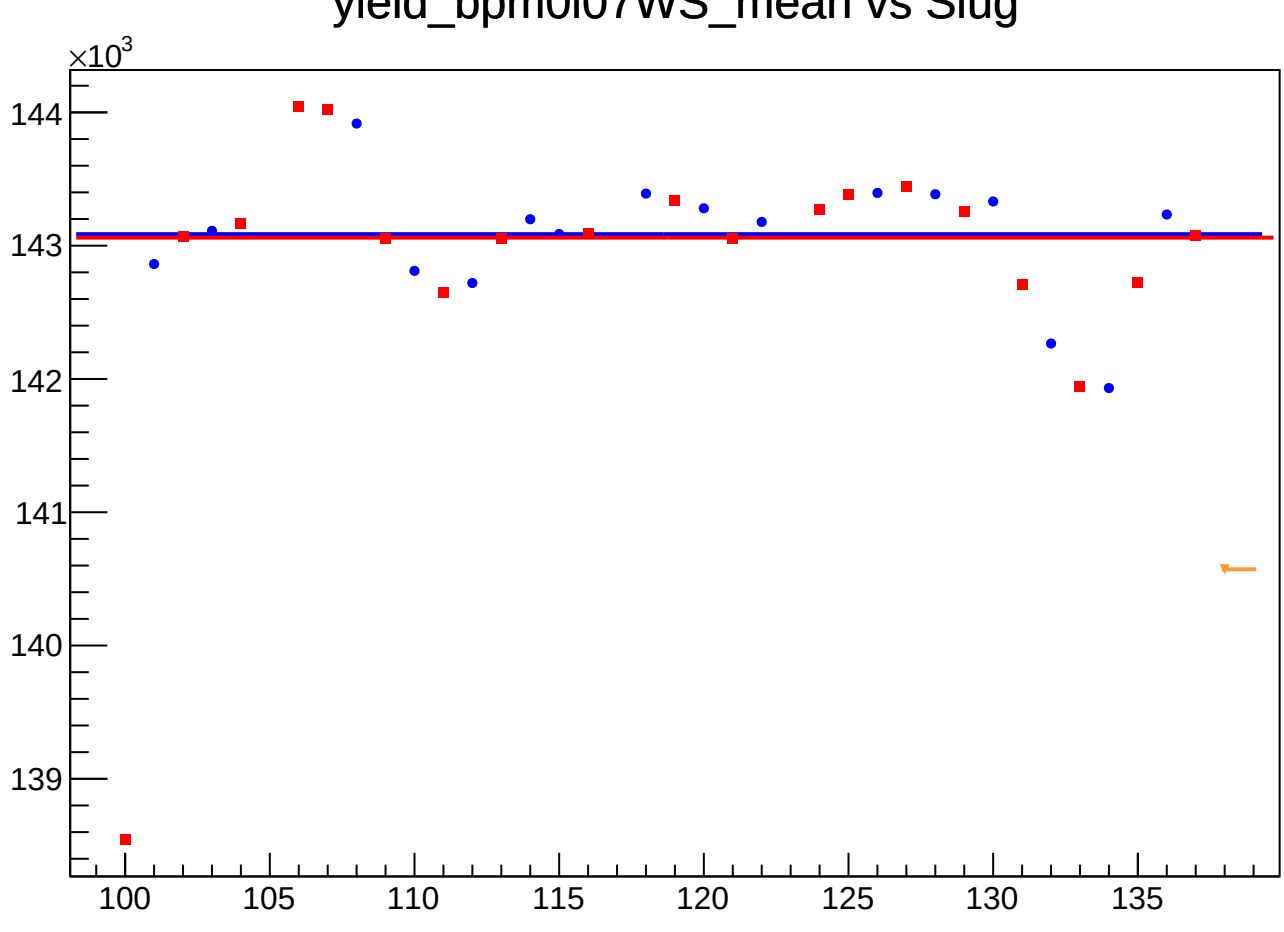
Right Out: 144.731+/-0.040 χ^2/NDF: 1263423.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 153.243+/-0.041 χ^2/NDF: 1059680.9/16

All: 148.932+/-0.029 χ^2/NDF: 2345380.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 143086.477+/-0.065 χ^2/NDF: 46726277.8/15

Left Out: 140572.010+/-0.208 χ^2/NDF:0.0/0

Right Out: 143060.268+/-0.061 χ^2/NDF: 51715744.7/18

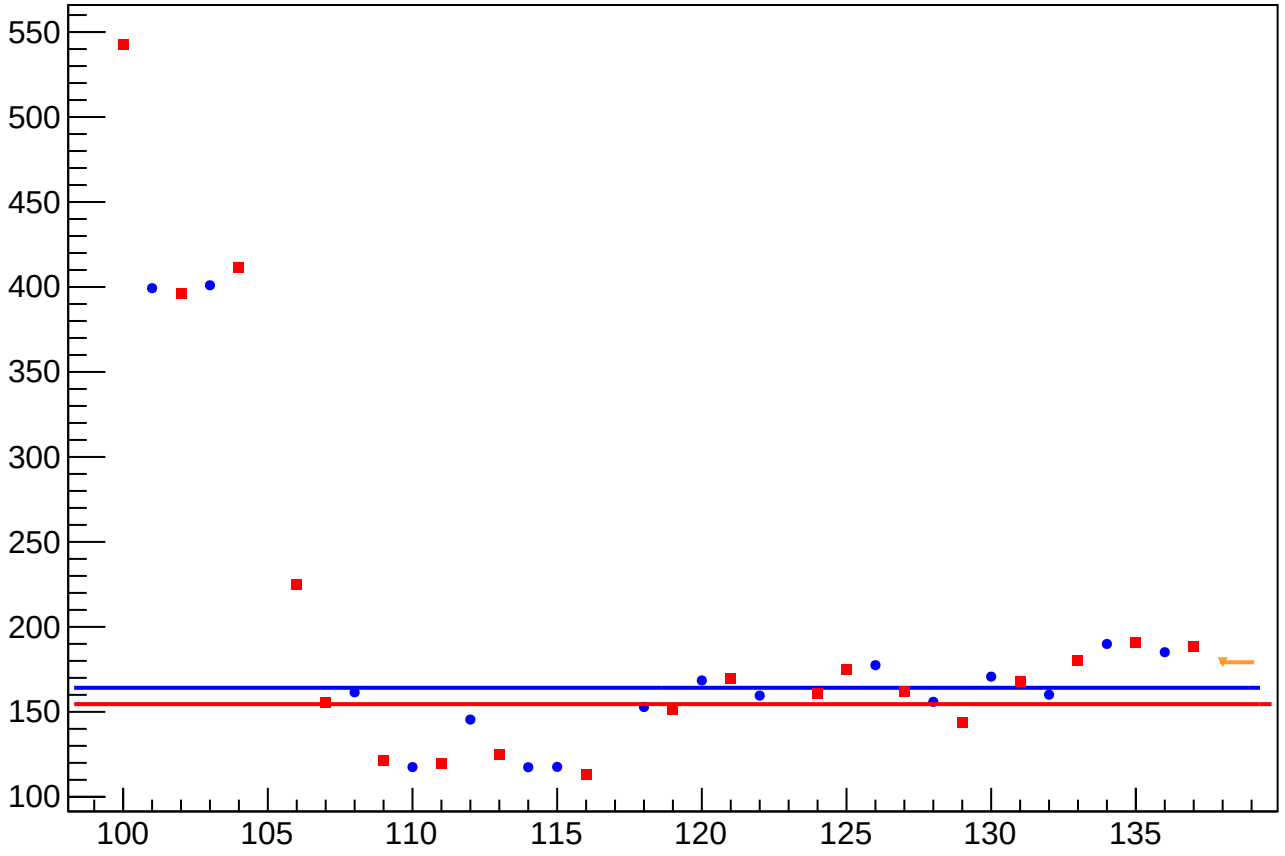
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 142861.338+/-0.062 χ^2/NDF: 180372676.7/1

All: 142963.146+/-0.043 χ^2/NDF: 23733897

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug



Right In: 164.167+/-0.046 χ^2/NDF: 1129764.4/15

Left Out: 179.166+/-0.147 χ^2/NDF:0.0/0

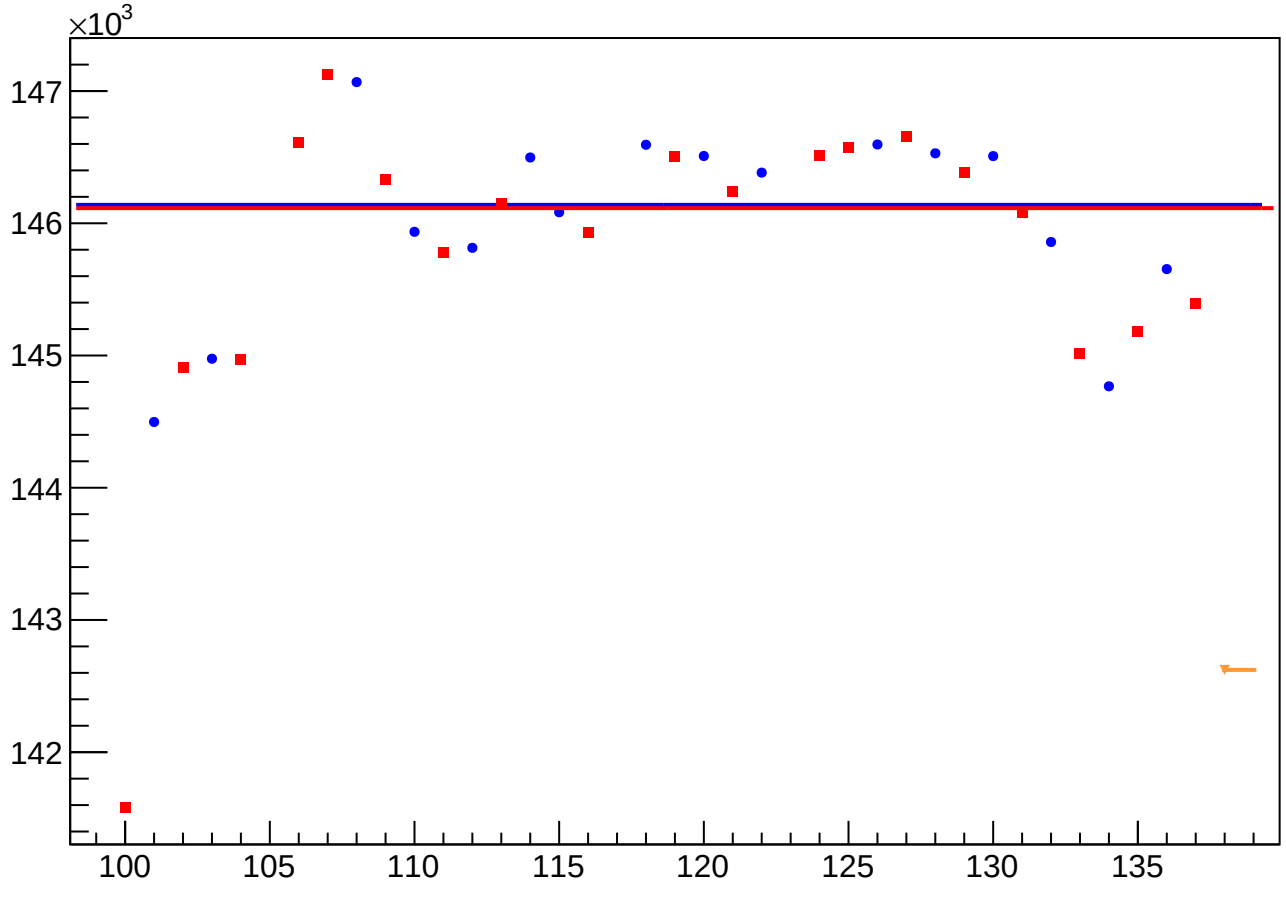
Right Out: 154.558+/-0.043 χ^2/NDF: 1366830.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 165.510+/-0.044 χ^2/NDF: 1139275.5/16

All: 159.905+/-0.031 χ^2/NDF: 2537938.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 146139.237+/-0.067 χ^2/NDF: 71721843.8/15

Left Out: 142622.308+/-0.207 χ^2/NDF:0.0/0

Right Out: 146114.458+/-0.062 χ^2/NDF: 73102068.4/18

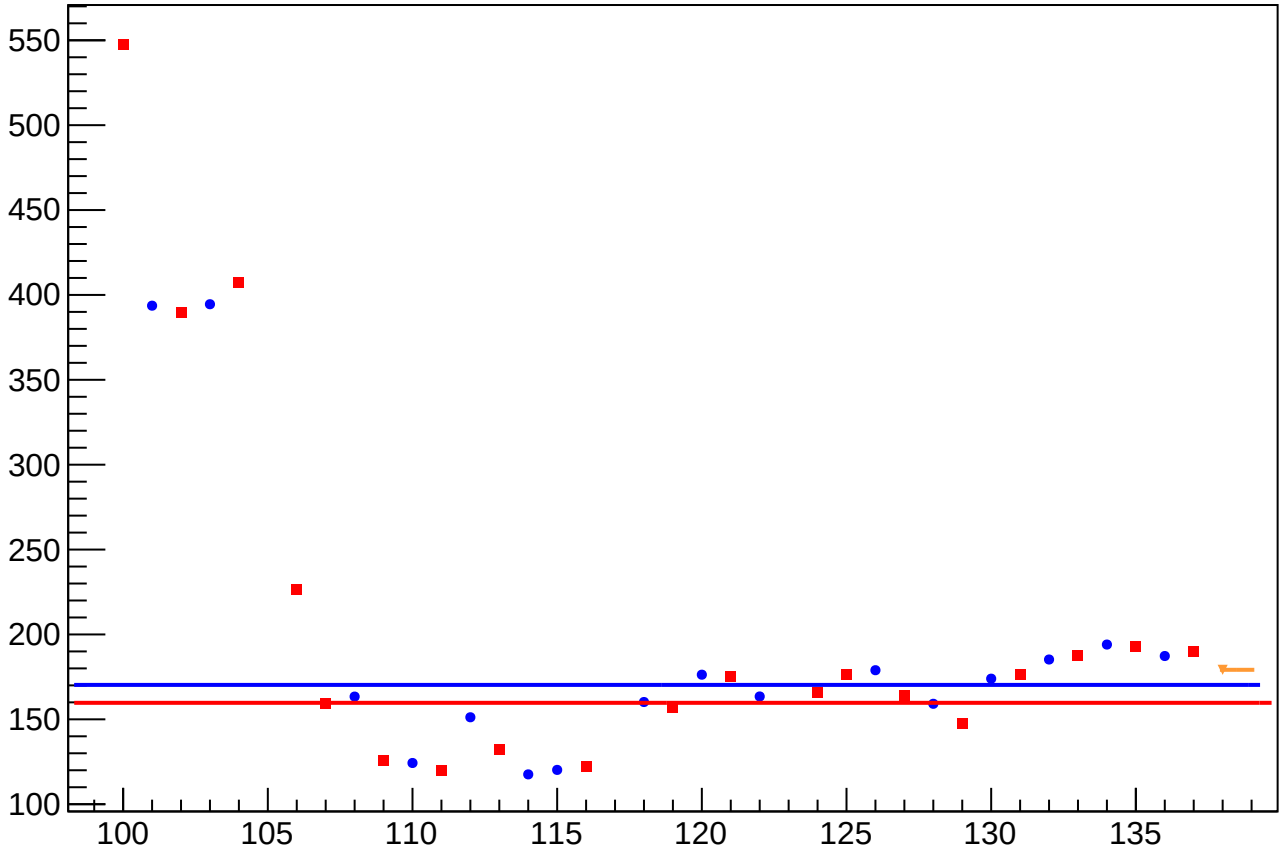
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 145802.842+/-0.064 χ^2/NDF: 332217515.6/1

All: 145962.608+/-0.045 χ^2/NDF: 41744108

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug



Right In: 170.279+/-0.048 χ^2/NDF: 1057631.0/15

Left Out: 179.171+/-0.147 χ^2/NDF:0.0/0

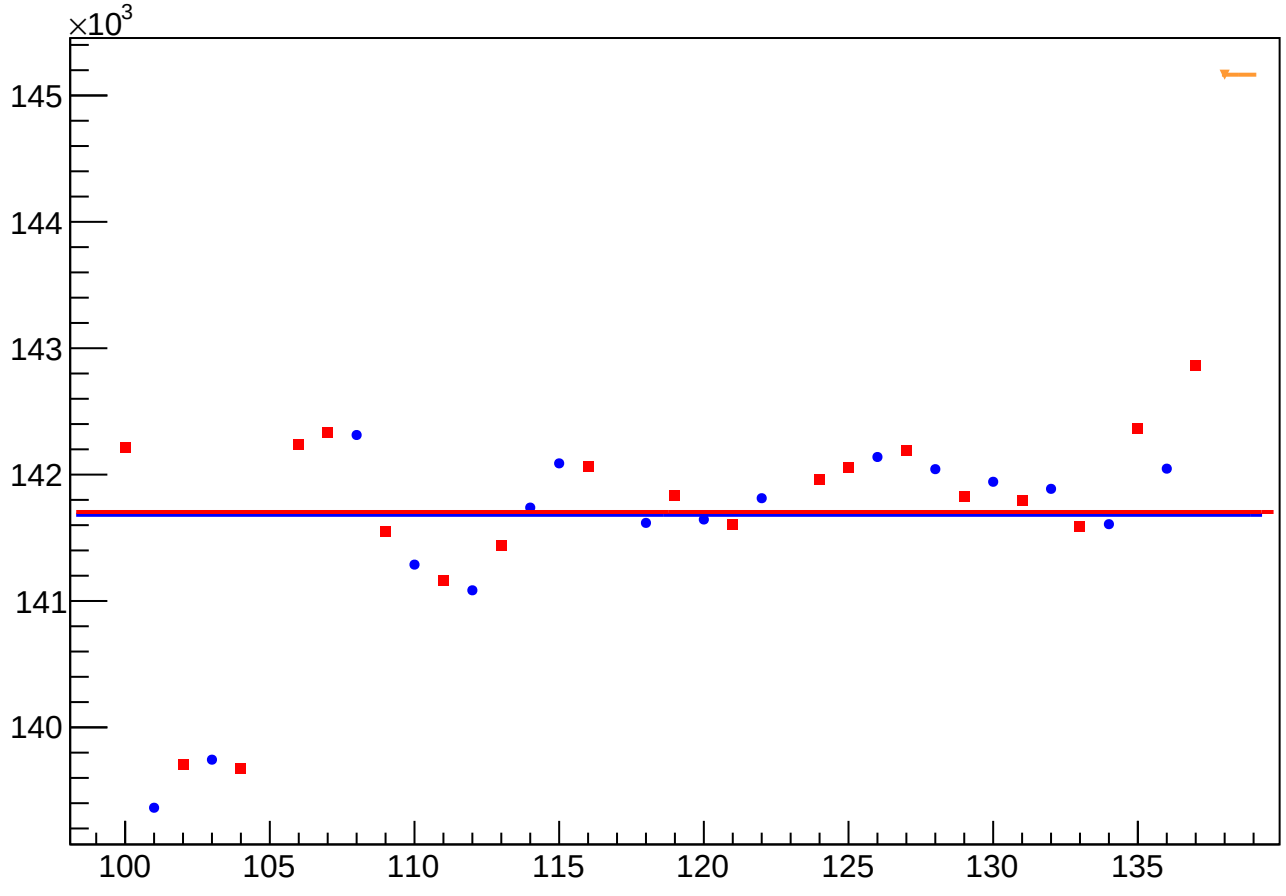
Right Out: 159.724+/-0.044 χ^2/NDF: 1291290.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 171.129+/-0.045 χ^2/NDF: 1060961.7/16

All: 165.282+/-0.032 χ^2/NDF: 2384728.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 141681.846+/-0.068 χ^2/NDF: 64292997.9/15

Left Out: 145164.374+/-0.214 χ^2/NDF:0.0/0

Right Out: 141704.185+/-0.064 χ^2/NDF: 65526811.0/18

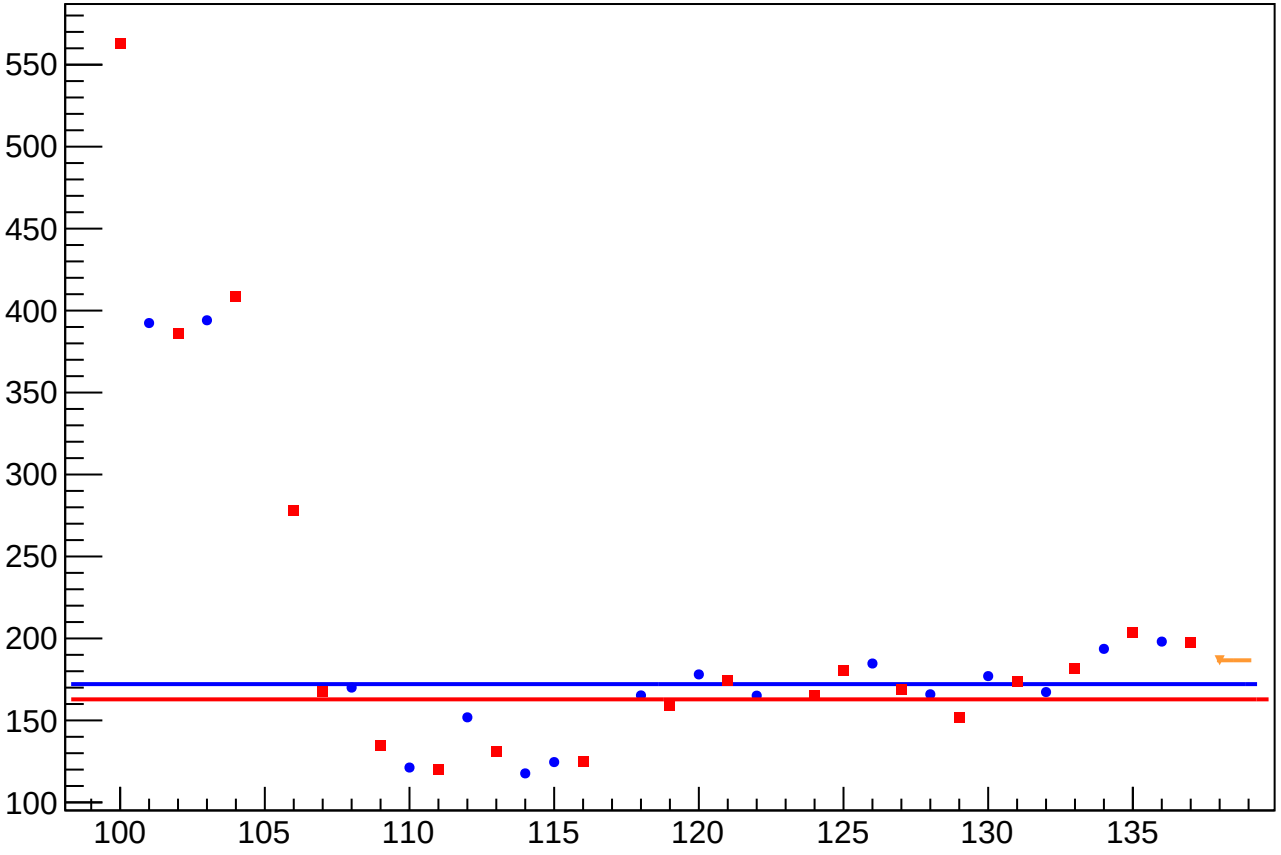
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 142004.448+/-0.065 χ^2/NDF: 305341100.5/1

All: 141851.433+/-0.046 χ^2/NDF: 38173210

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug



Right In: 172.139+/-0.048 χ^2/NDF: 1068587.8/15

Left Out: 186.670+/-0.151 χ^2/NDF:0.0/0

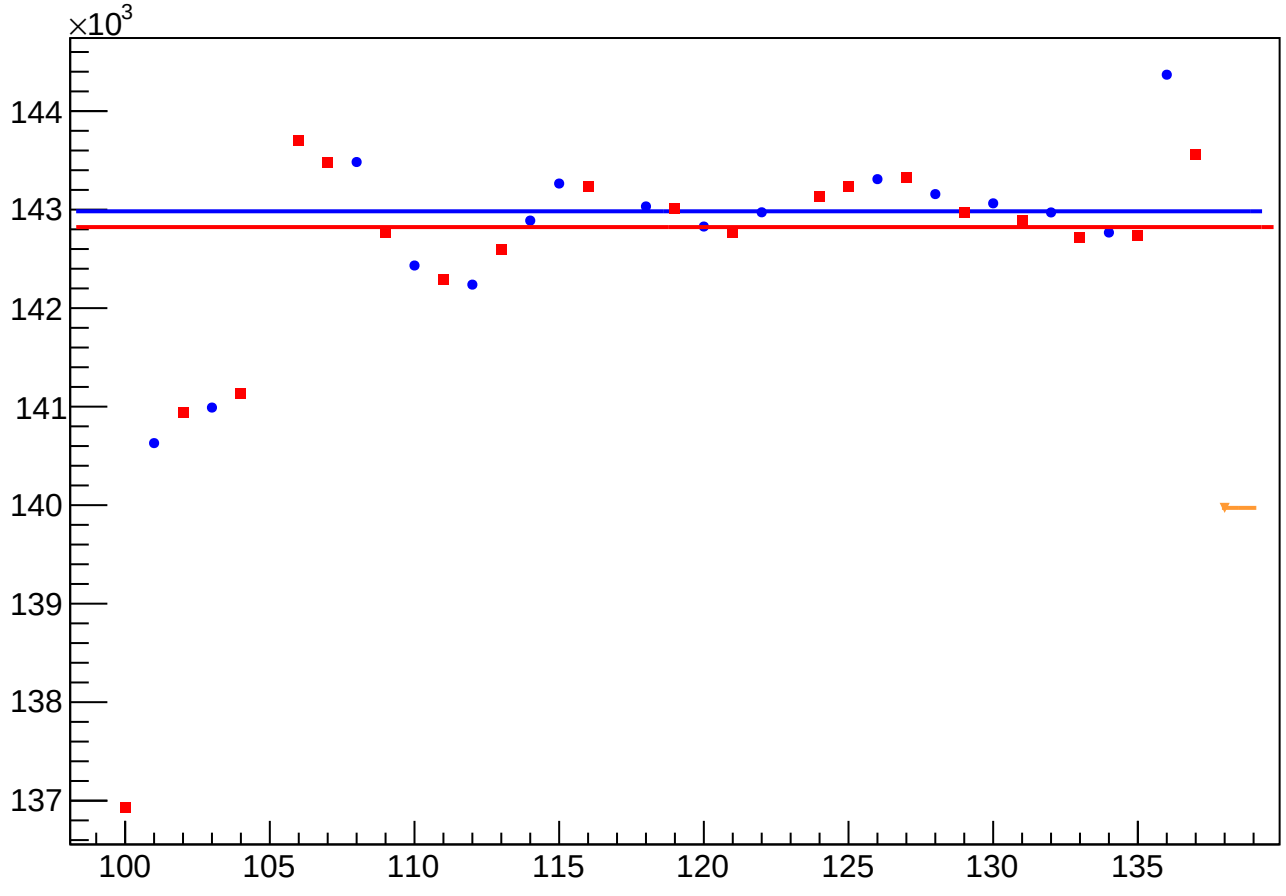
Right Out: 162.845+/-0.045 χ^2/NDF: 1305855.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 173.485+/-0.046 χ^2/NDF: 1076980.7/16

All: 168.063+/-0.032 χ^2/NDF: 2410121.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 142983.006+/-0.069 χ^2/NDF: 107696217.2/15

Left Out: 139972.345+/-0.198 χ^2/NDF:0.0/0

Right Out: 142822.727+/-0.064 χ^2/NDF: 63581232.6/18

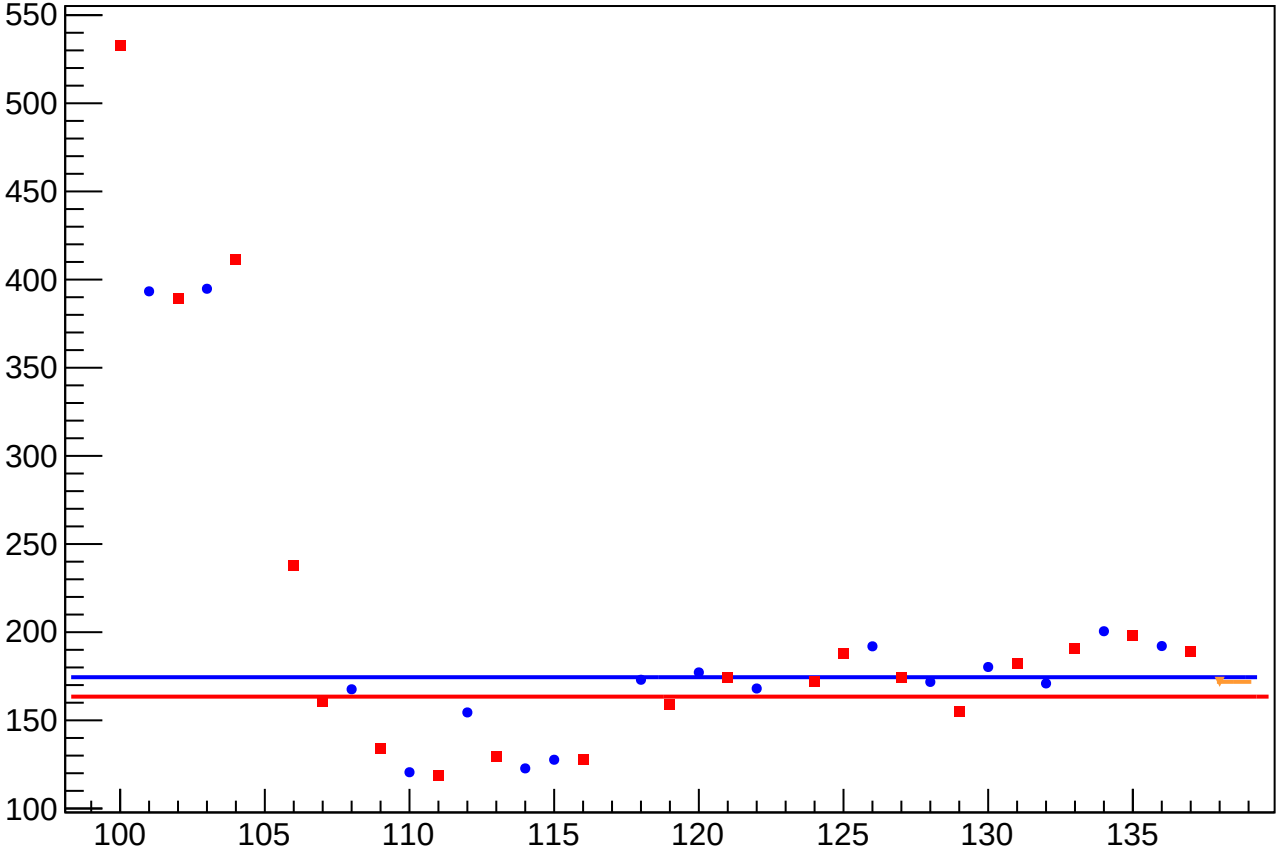
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 142655.252+/-0.065 χ^2/NDF: 314291942.7/1

All: 142740.555+/-0.046 χ^2/NDF: 38122960

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug



Right In: 174.467+/-0.049 χ^2/NDF: 1049126.7/15

Left Out: 171.846+/-0.140 χ^2/NDF:0.0/0

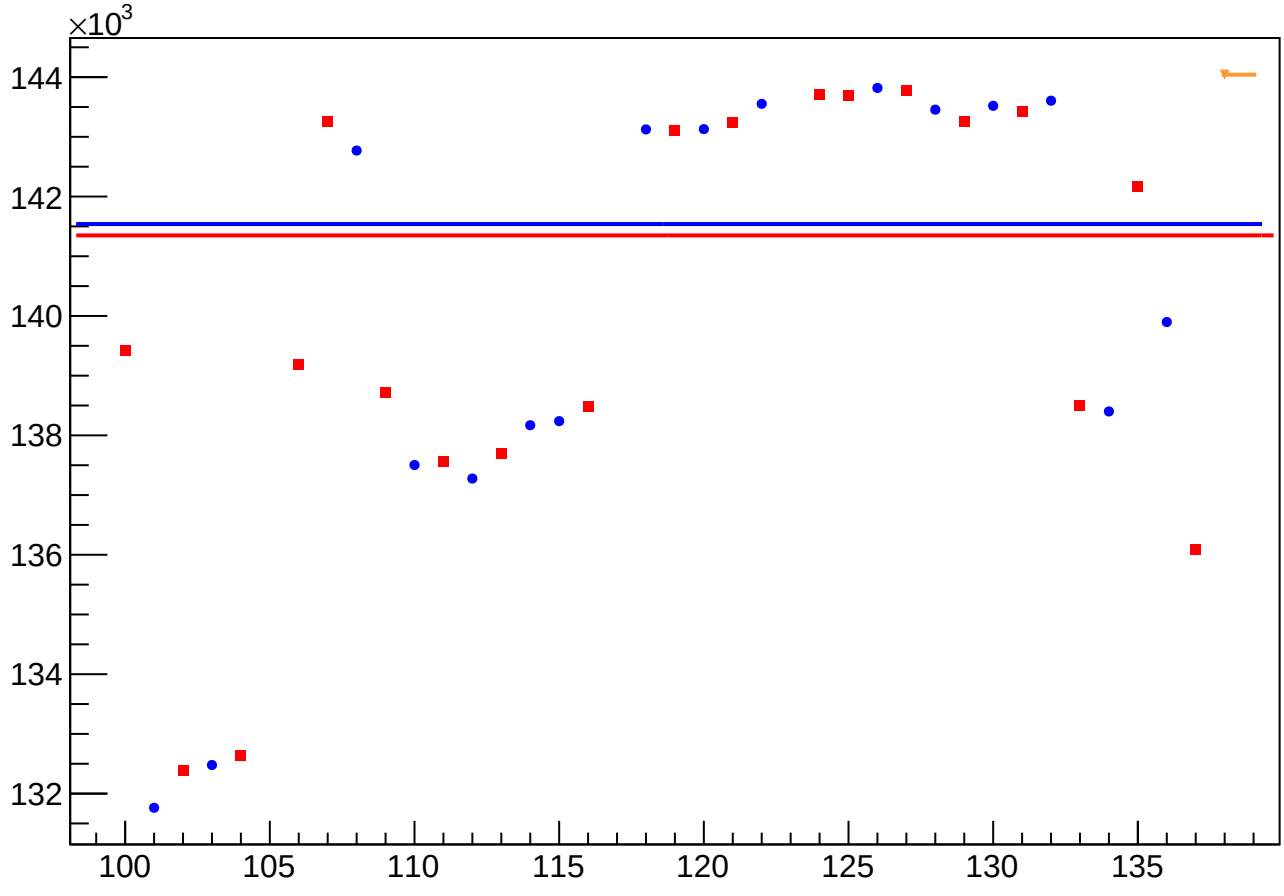
Right Out: 163.448+/-0.045 χ^2/NDF: 1282494.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 174.182+/-0.046 χ^2/NDF: 1049439.9/16

All: 168.715+/-0.032 χ^2/NDF: 2359506.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 141539.467+/-0.101 χ^2/NDF: 947743743.7/15

Left Out: 144041.007+/-0.242 χ^2/NDF:0.0/0

Right Out: 141349.499+/-0.101 χ^2/NDF: 926661757.9/18

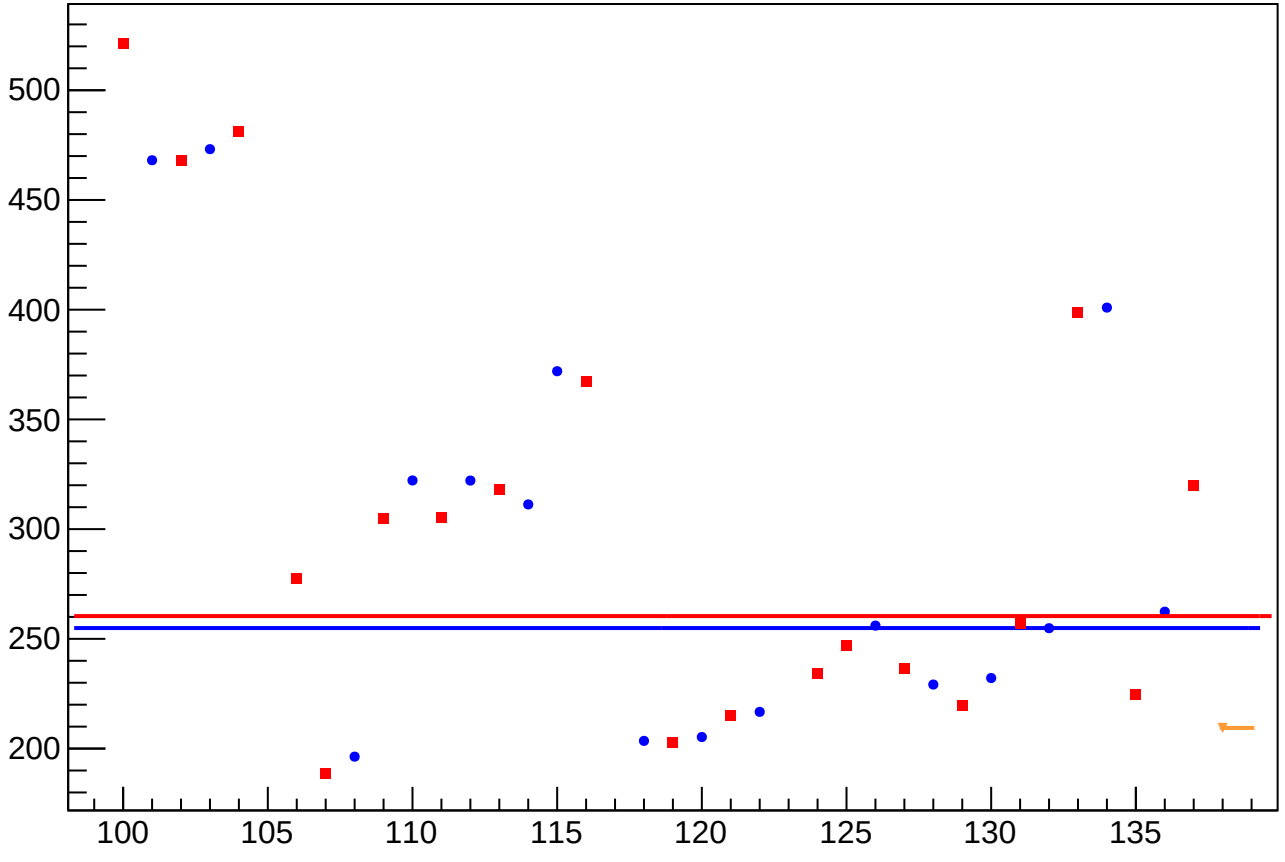
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141909.379+/-0.093 χ^2/NDF: 1038796595.6

All: 141652.462+/-0.068 χ^2/NDF: 19820683

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug



Right In: 254.919+/-0.071 χ^2/NDF: 949952.1/15

Left Out: 209.413+/-0.171 χ^2/NDF:0.0/0

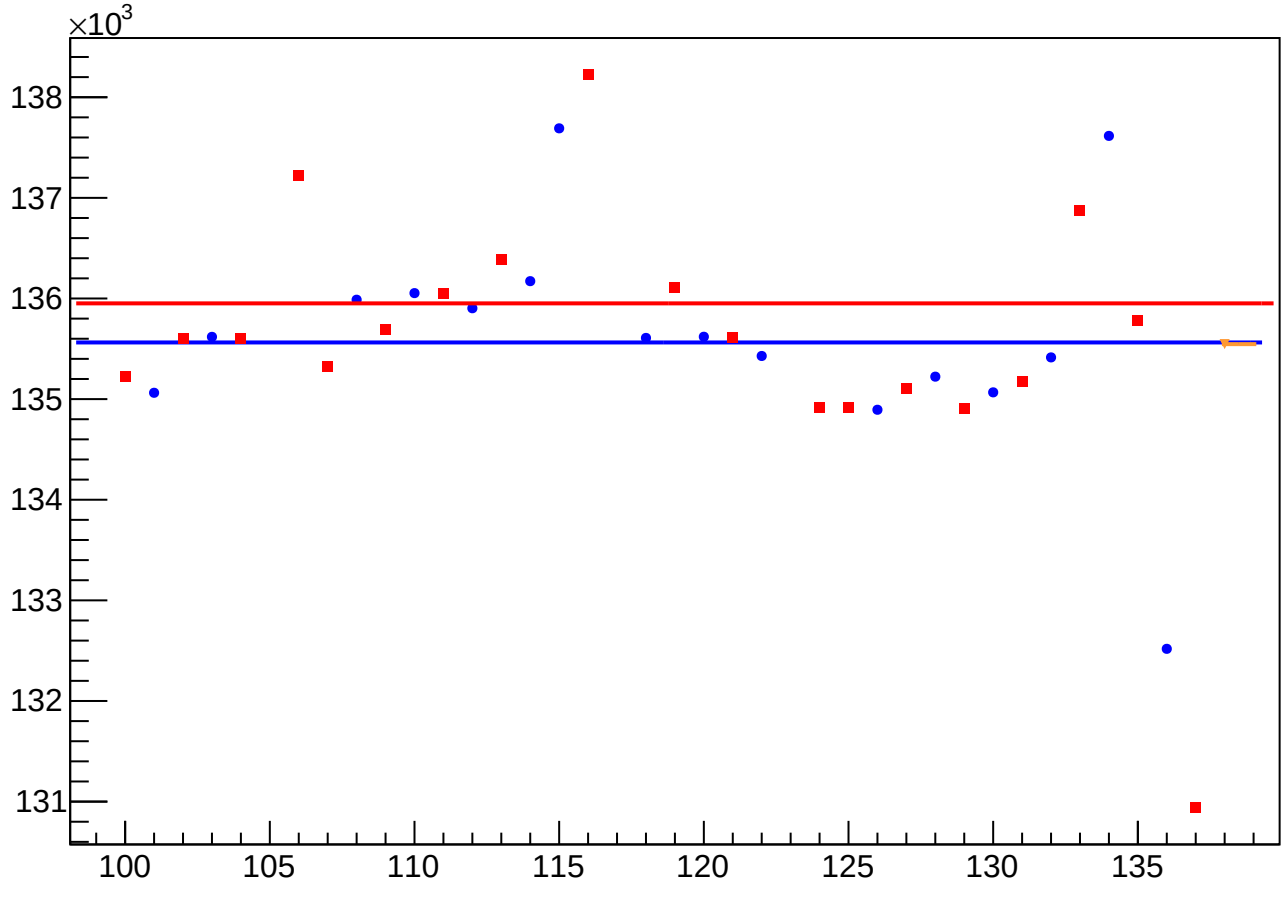
Right Out: 260.369+/-0.071 χ^2/NDF: 993300.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

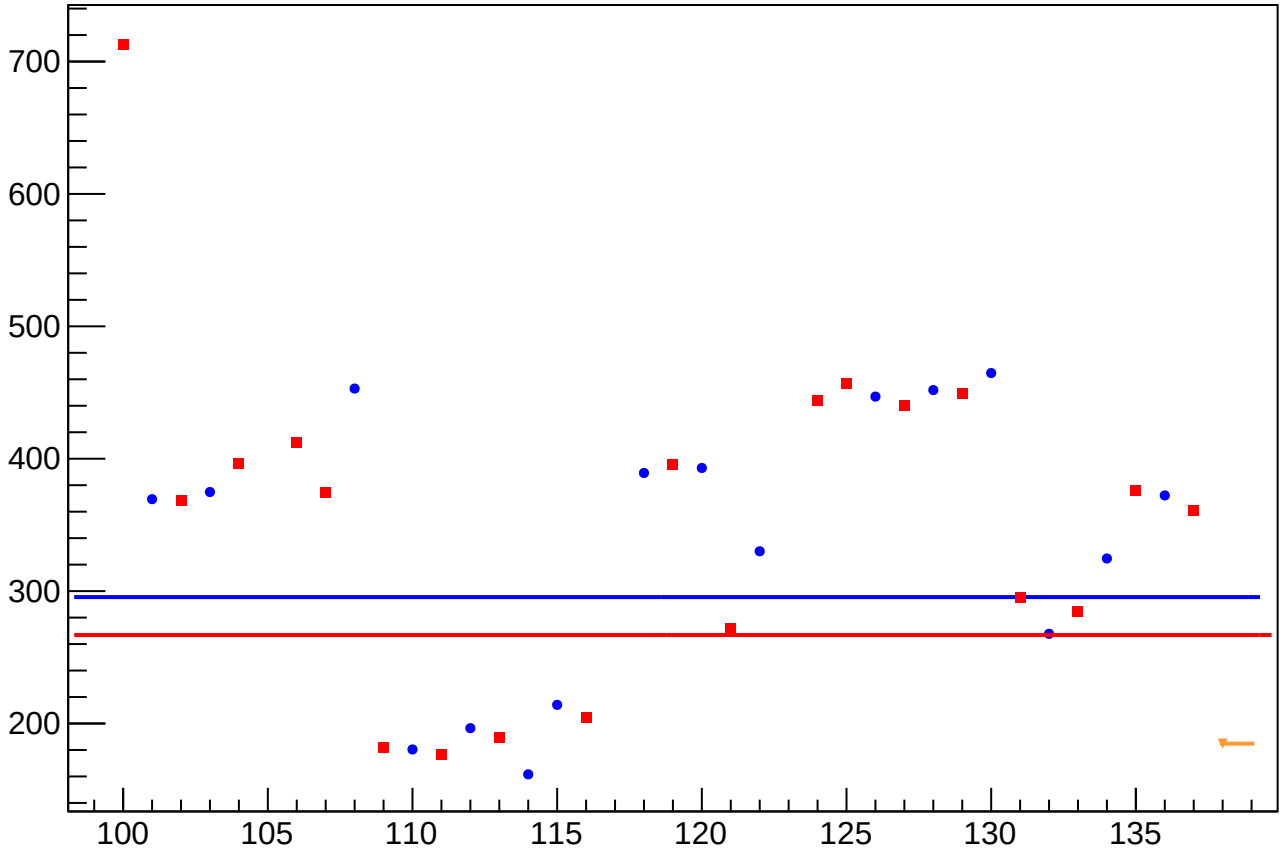
+ sign 248.190+/-0.066 χ^2/NDF: 1010214.0/16

All: 253.778+/-0.048 χ^2/NDF: 2019232.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm0r05WS_mean vs Slug
×10^3
138
137
136
135
134
133
132
131
100
105
110
115
120
125
130
135
Right In: 135563.062+/-0.118 χ²/NDF: 94169293.7/15
Left Out: 135546.344+/-0.211 χ²/NDF:0.0/0
Right Out: 135951.486+/-0.106 χ²/NDF: 91577209.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 135559.075+/-0.103 χ²/NDF: 94174052.2/16
All: 135749.529+/-0.074 χ²/NDF: 19275763
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm0r05WS_rms vs Slug



Right In: 295.481+/-0.084 χ^2/NDF: 1442531.9/15

Left Out: 184.780+/-0.150 χ^2/NDF:0.0/0

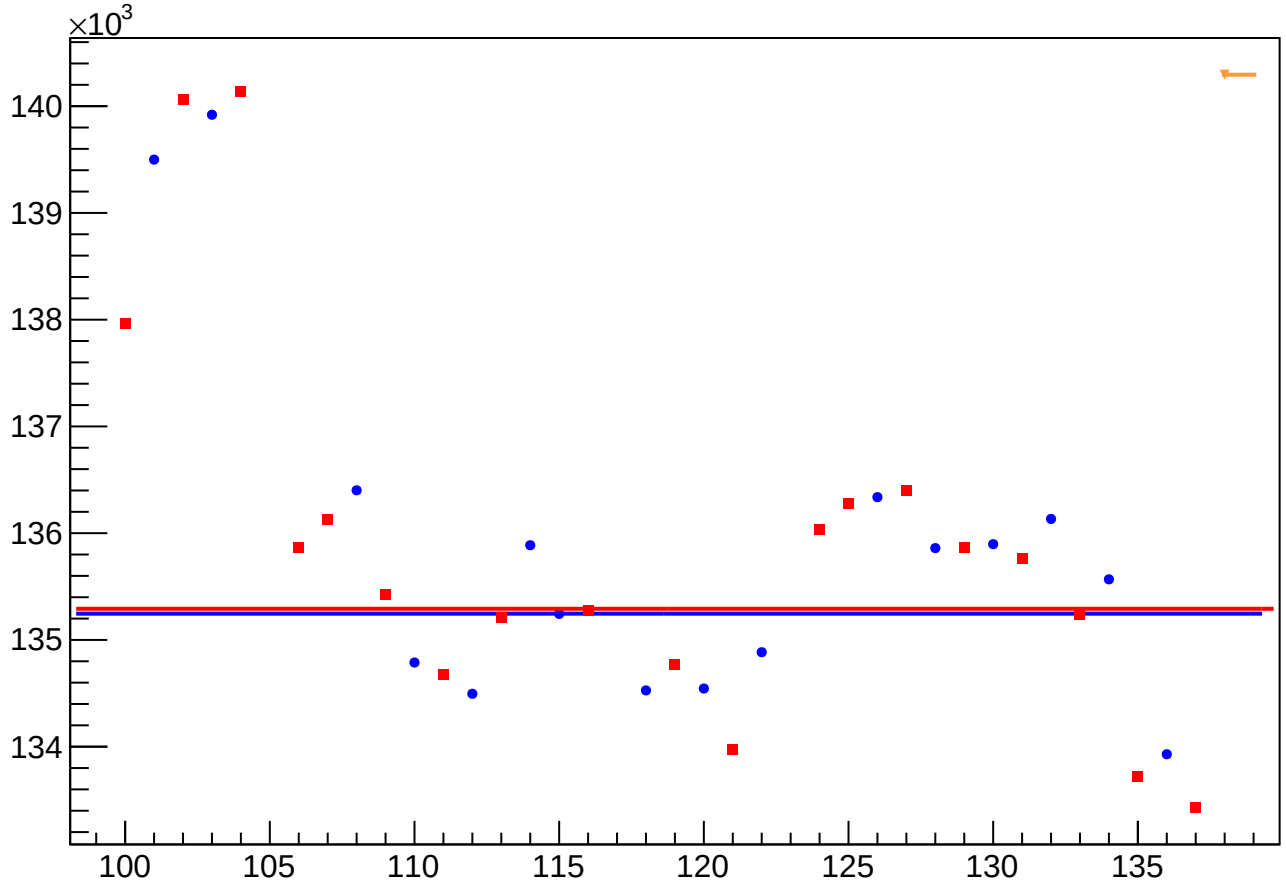
Right Out: 266.864+/-0.075 χ^2/NDF: 1678073.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 269.080+/-0.073 χ^2/NDF: 1859832.8/16

All: 268.004+/-0.052 χ^2/NDF: 3538353.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 135246.269+/-0.055 χ^2/NDF: 388384719.1/15

Left Out: 140294.898+/-0.201 χ^2/NDF:0.0/0

Right Out: 135291.851+/-0.052 χ^2/NDF: 381790556.0/18

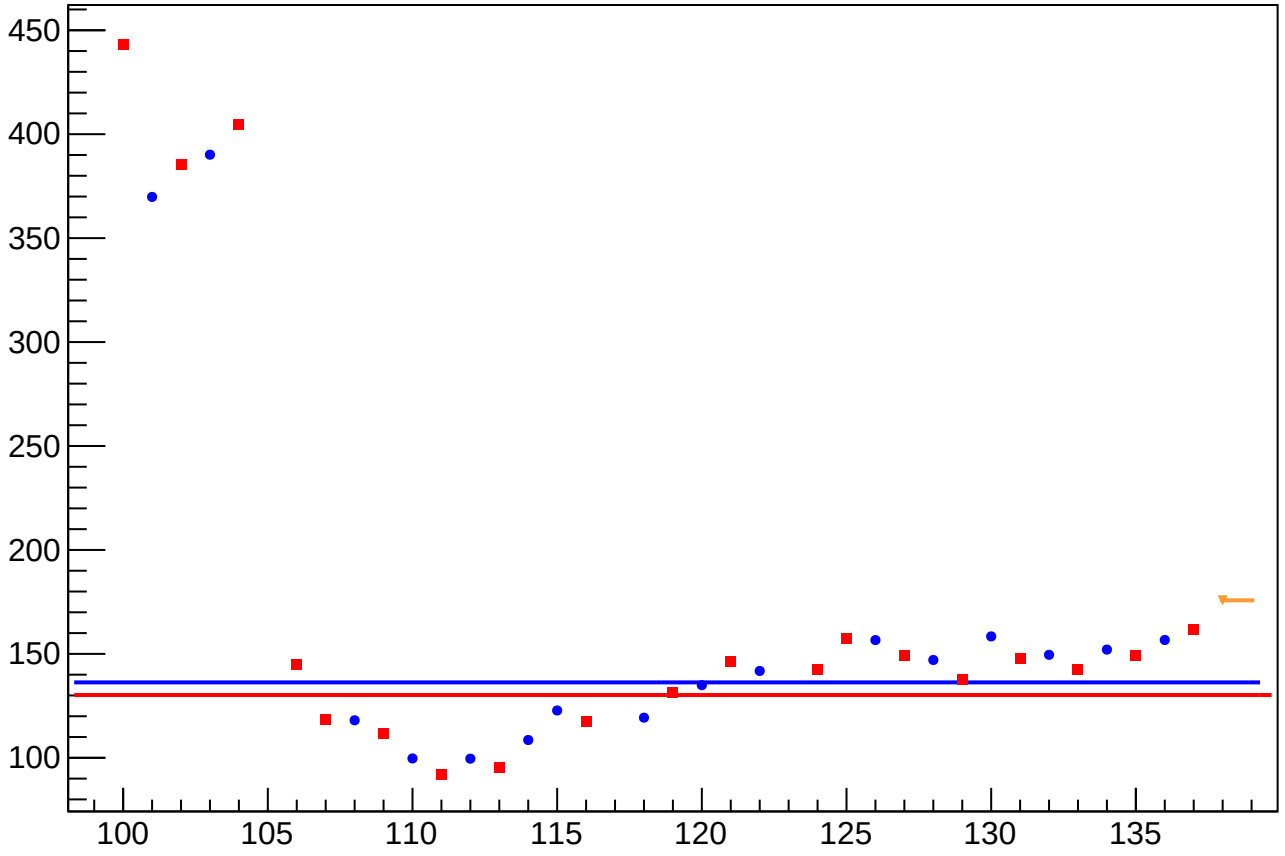
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 135593.314+/-0.053 χ^2/NDF: 973495405.5/1

All: 135439.534+/-0.037 χ^2/NDF: 13719102

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i02WS_rms vs Slug



Right In: 136.285+/-0.039 χ^2/NDF: 1384057.4/15

Left Out: 175.754+/-0.142 χ^2/NDF:0.0/0

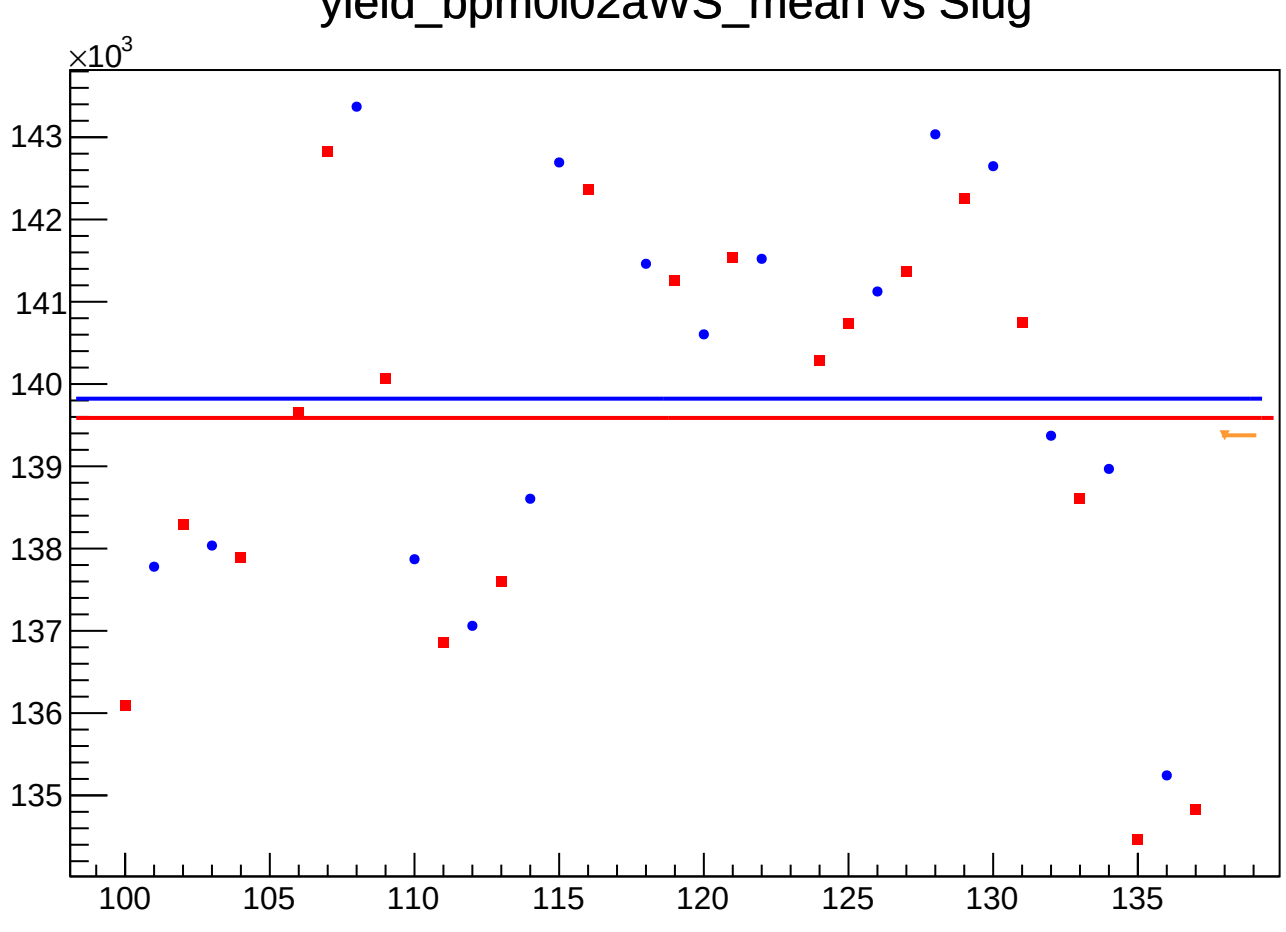
Right Out: 130.206+/-0.037 χ^2/NDF: 1520840.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 138.998+/-0.037 χ^2/NDF: 1455578.5/16

All: 134.513+/-0.026 χ^2/NDF: 3004701.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 139822.122+/-0.063 χ^2/NDF: 1663381581.4/15

Left Out: 139376.767+/-0.197 χ^2/NDF:0.0/0

Right Out: 139587.876+/-0.060 χ^2/NDF: 1482934186.2/18

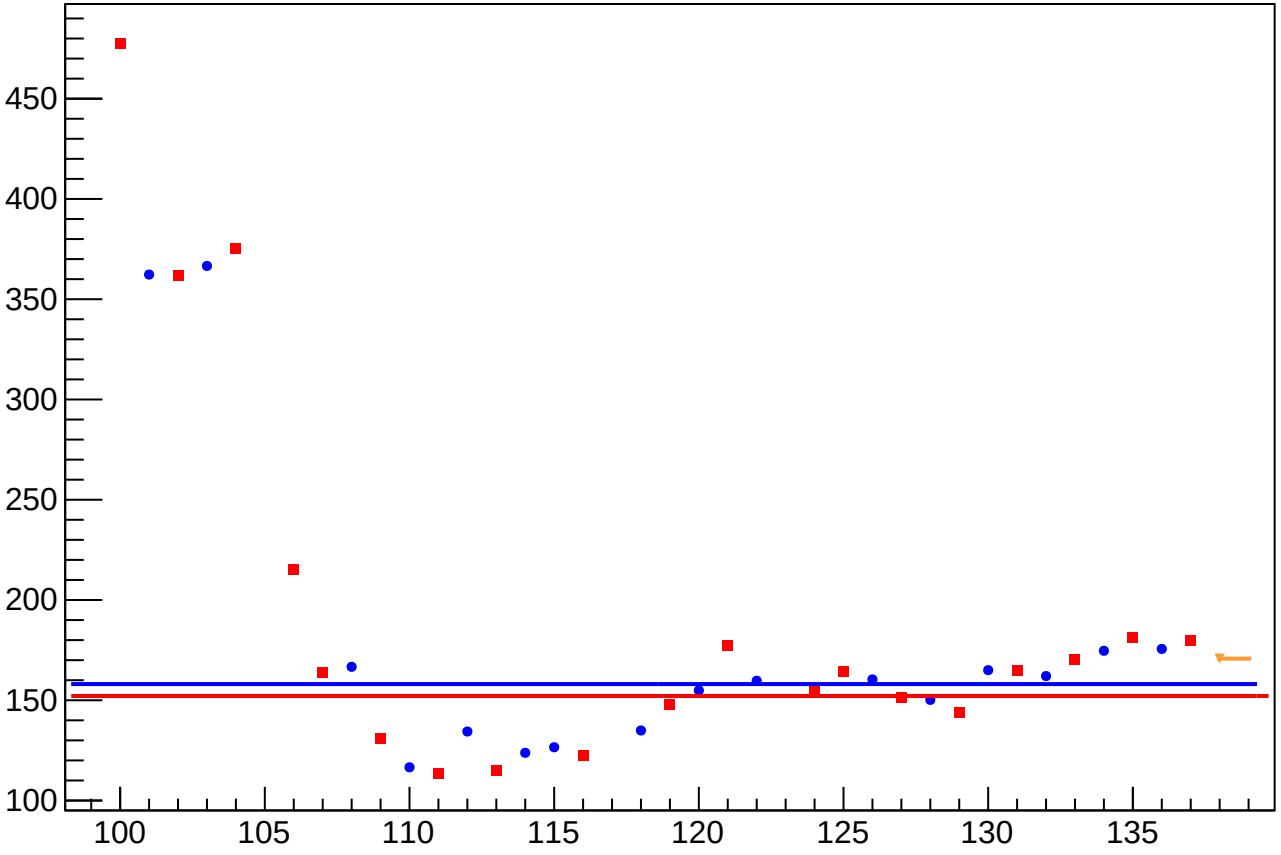
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 139781.238+/-0.060 χ^2/NDF: 1668029160.8

All: 139684.681+/-0.042 χ^2/NDF: 31562106

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 158.079+/-0.044 χ^2/NDF: 1017928.9/15

Left Out: 170.750+/-0.139 χ^2/NDF:0.0/0

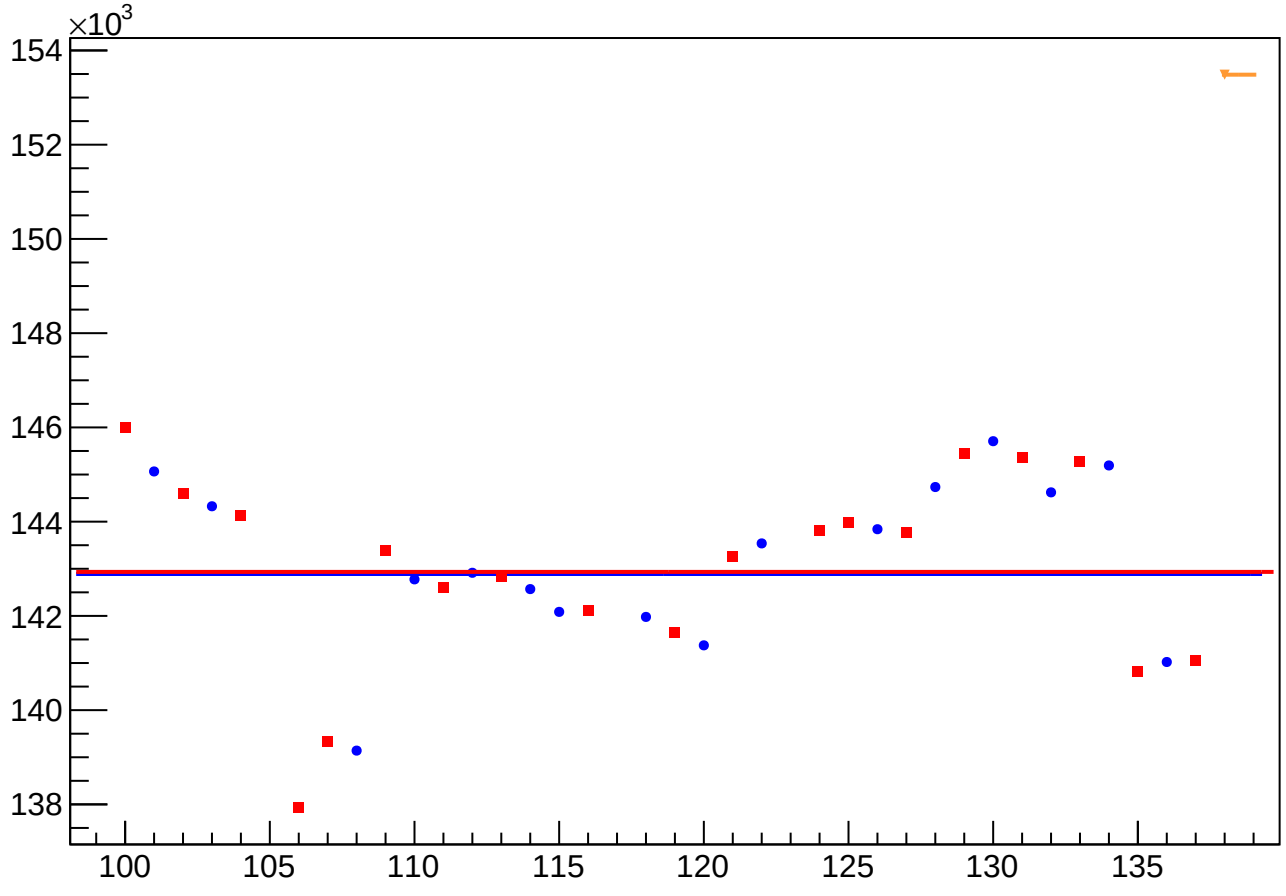
Right Out: 152.139+/-0.042 χ^2/NDF: 1229053.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 159.242+/-0.042 χ^2/NDF: 1025453.2/16

All: 155.695+/-0.030 χ^2/NDF: 2268670.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 142889.386+/-0.066 χ^2/NDF: 763303771.6/15

Left Out: 153485.742+/-0.211 χ^2/NDF:0.0/0

Right Out: 142933.890+/-0.062 χ^2/NDF: 787386856.4/18

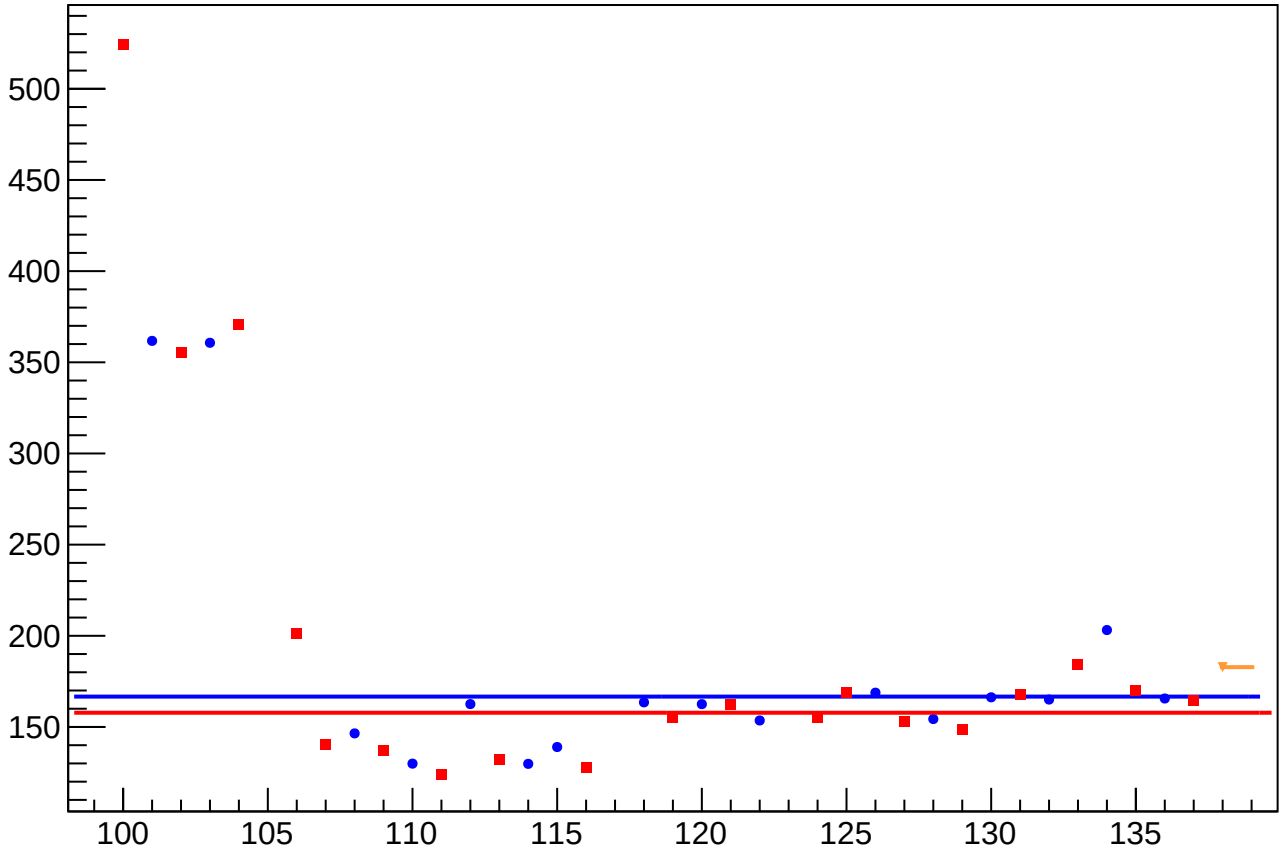
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 143821.703+/-0.063 χ^2/NDF: 3053068908.1

All: 143369.282+/-0.044 χ^2/NDF: 39425338

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug



Right In: 166.656+/-0.046 χ^2/NDF: 863574.7/15

Left Out: 182.808+/-0.150 χ^2/NDF:0.0/0

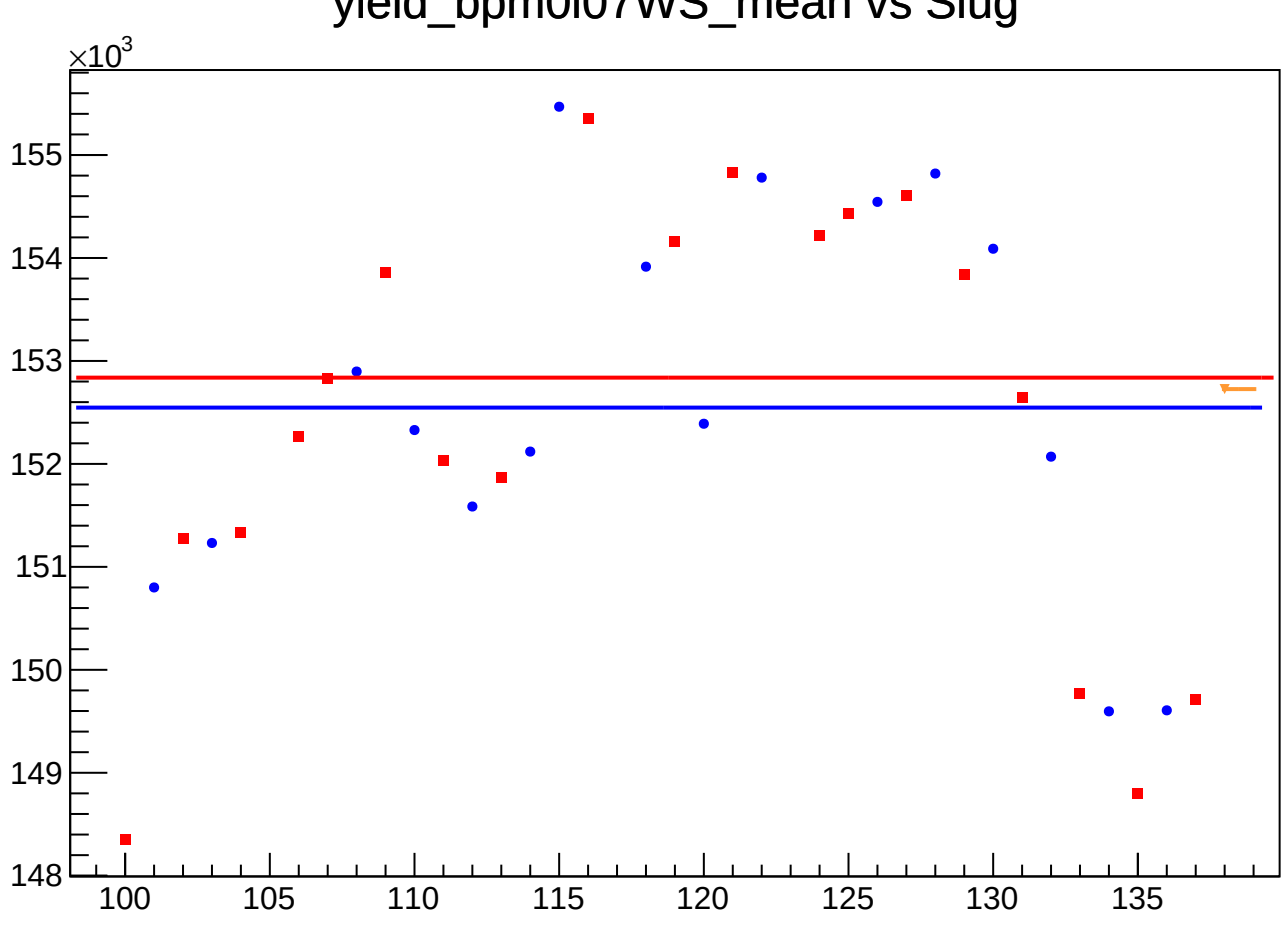
Right Out: 157.809+/-0.044 χ^2/NDF: 1022332.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 168.077+/-0.044 χ^2/NDF: 874214.0/16

All: 162.845+/-0.031 χ^2/NDF: 1923856.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 152546.899+/-0.073 χ^2/NDF: 654540559.6/15

Left Out: 152726.627+/-0.197 χ^2/NDF:0.0/0

Right Out: 152837.888+/-0.067 χ^2/NDF: 736907066.8/18

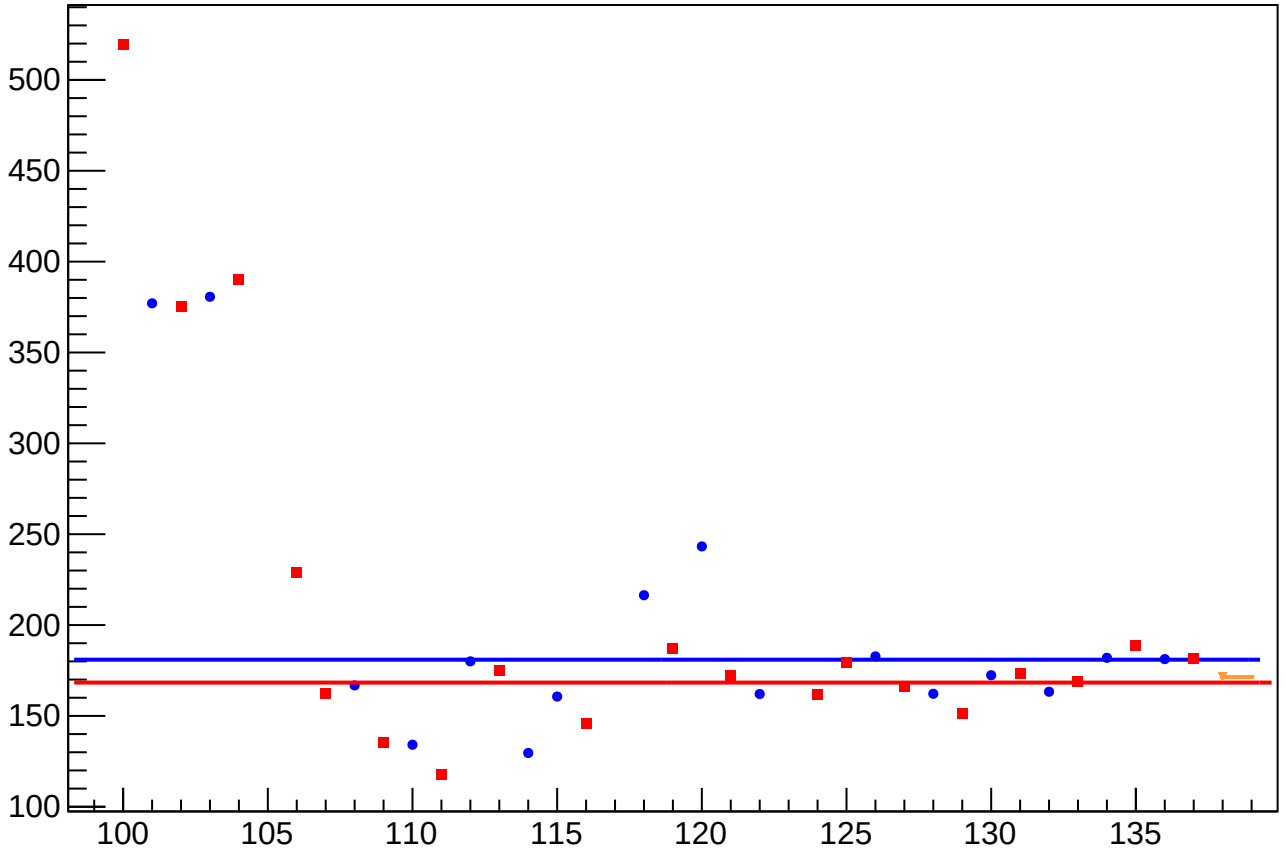
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152568.333+/-0.068 χ^2/NDF: 655271131.5/1

All: 152706.086+/-0.048 χ^2/NDF: 14001736

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 180.938+/-0.051 χ^2/NDF: 907758.2/15

Left Out: 171.395+/-0.140 χ^2/NDF:0.0/0

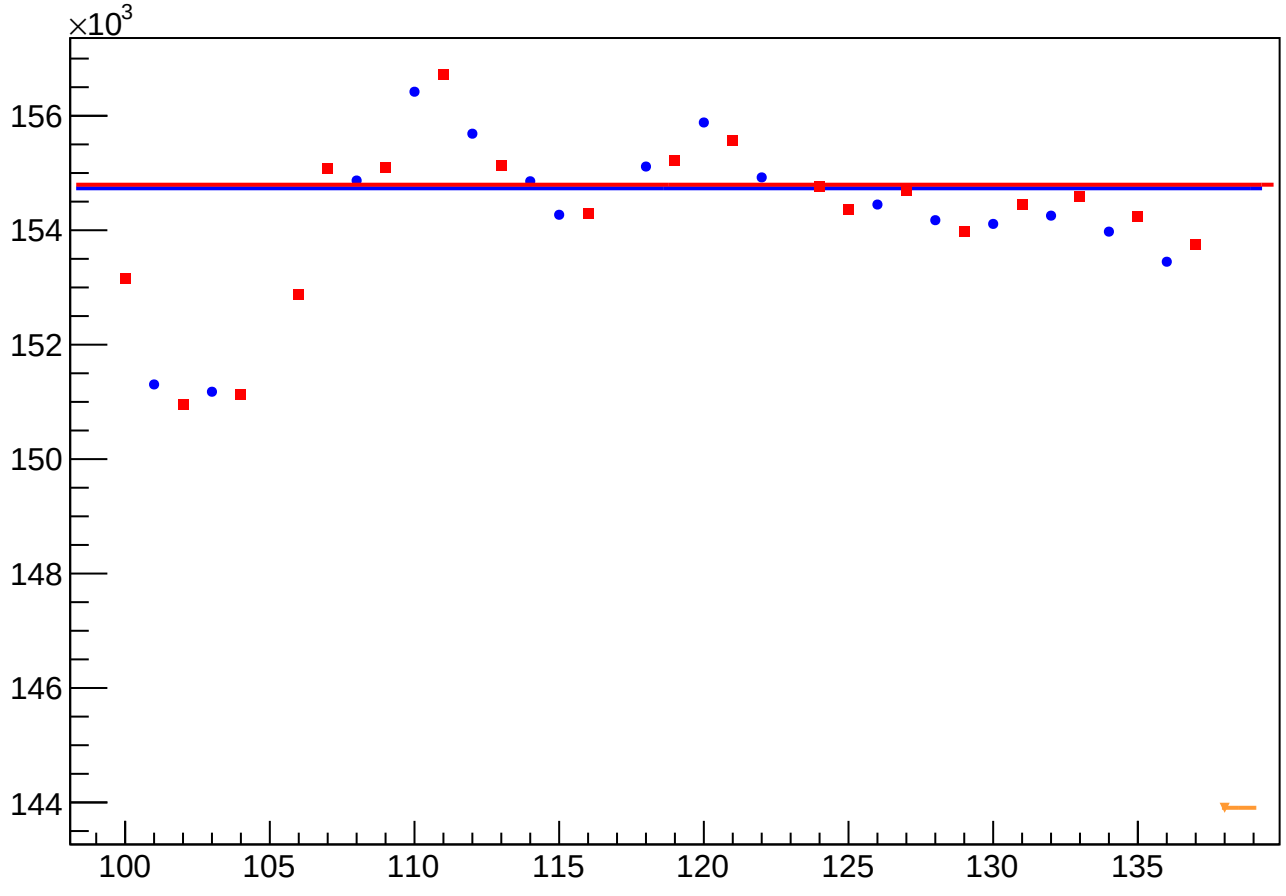
Right Out: 168.349+/-0.047 χ^2/NDF: 1089090.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 179.800+/-0.048 χ^2/NDF: 911878.0/16

All: 173.948+/-0.034 χ^2/NDF: 2029826.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 154733.155+/-0.065 χ^2/NDF: 274462319.1/15

Left Out: 143906.422+/-0.206 χ^2/NDF:0.0/0

Right Out: 154795.893+/-0.061 χ^2/NDF: 304125082.4/18

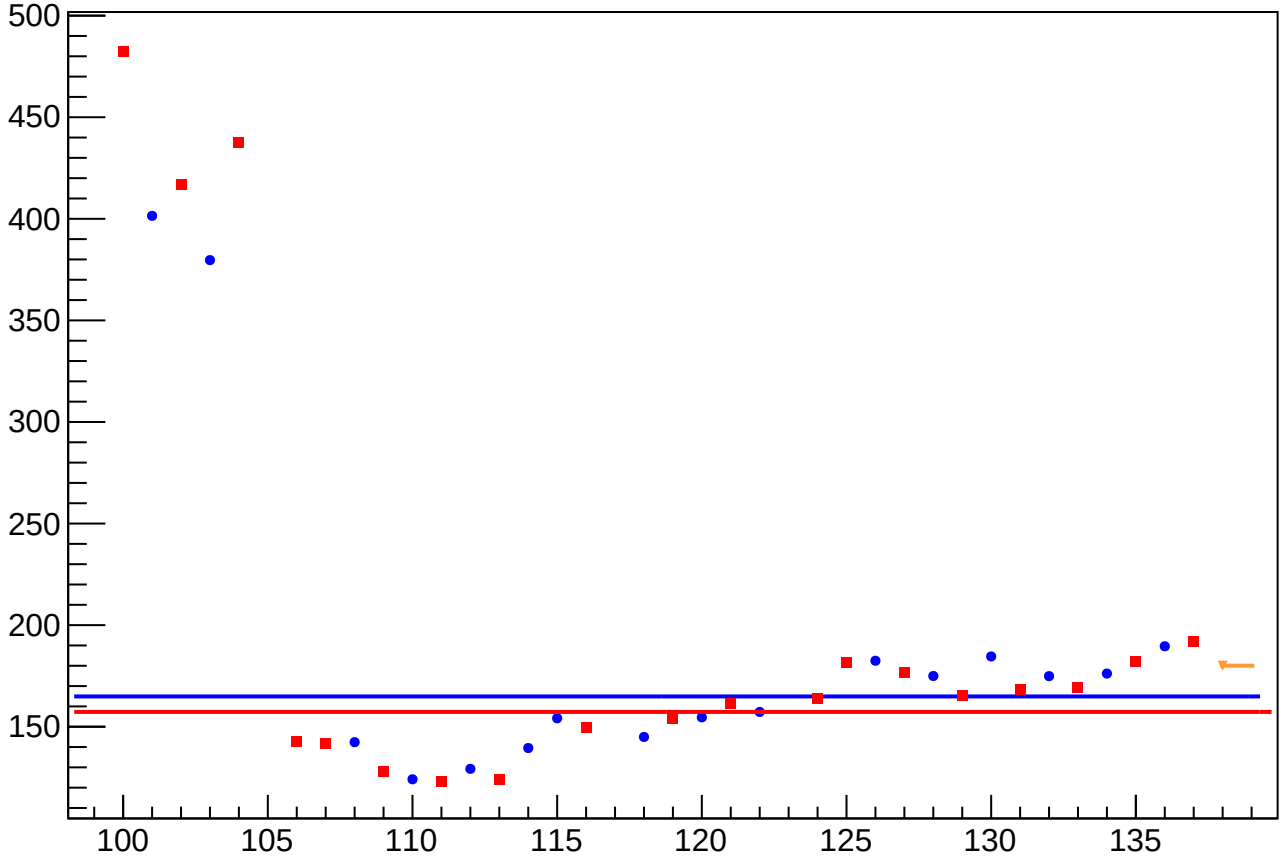
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 153745.141+/-0.062 χ^2/NDF: 2791149101.5

All: 154279.763+/-0.044 χ^2/NDF: 32407110

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug



Right In: 164.906+/-0.046 χ^2/NDF: 1072730.7/15

Left Out: 180.041+/-0.145 χ^2/NDF:0.0/0

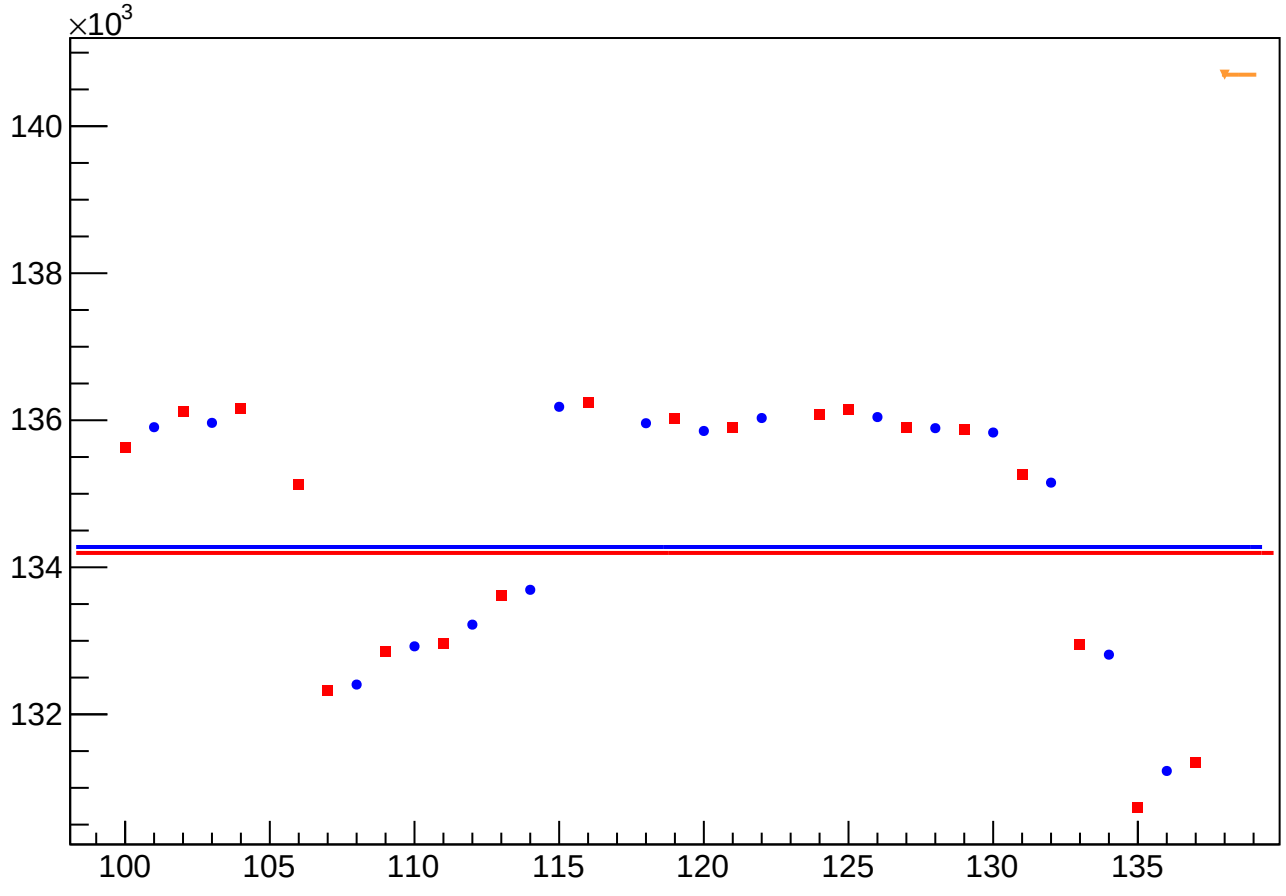
Right Out: 157.283+/-0.043 χ^2/NDF: 1254831.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 166.288+/-0.044 χ^2/NDF: 1082566.7/16

All: 161.706+/-0.031 χ^2/NDF: 2358759.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 134276.096+/-0.051 χ^2/NDF: 1142867100.2/15

Left Out: 140700.508+/-0.200 χ^2/NDF:0.0/0

Right Out: 134195.257+/-0.048 χ^2/NDF: 1205537499.7/18

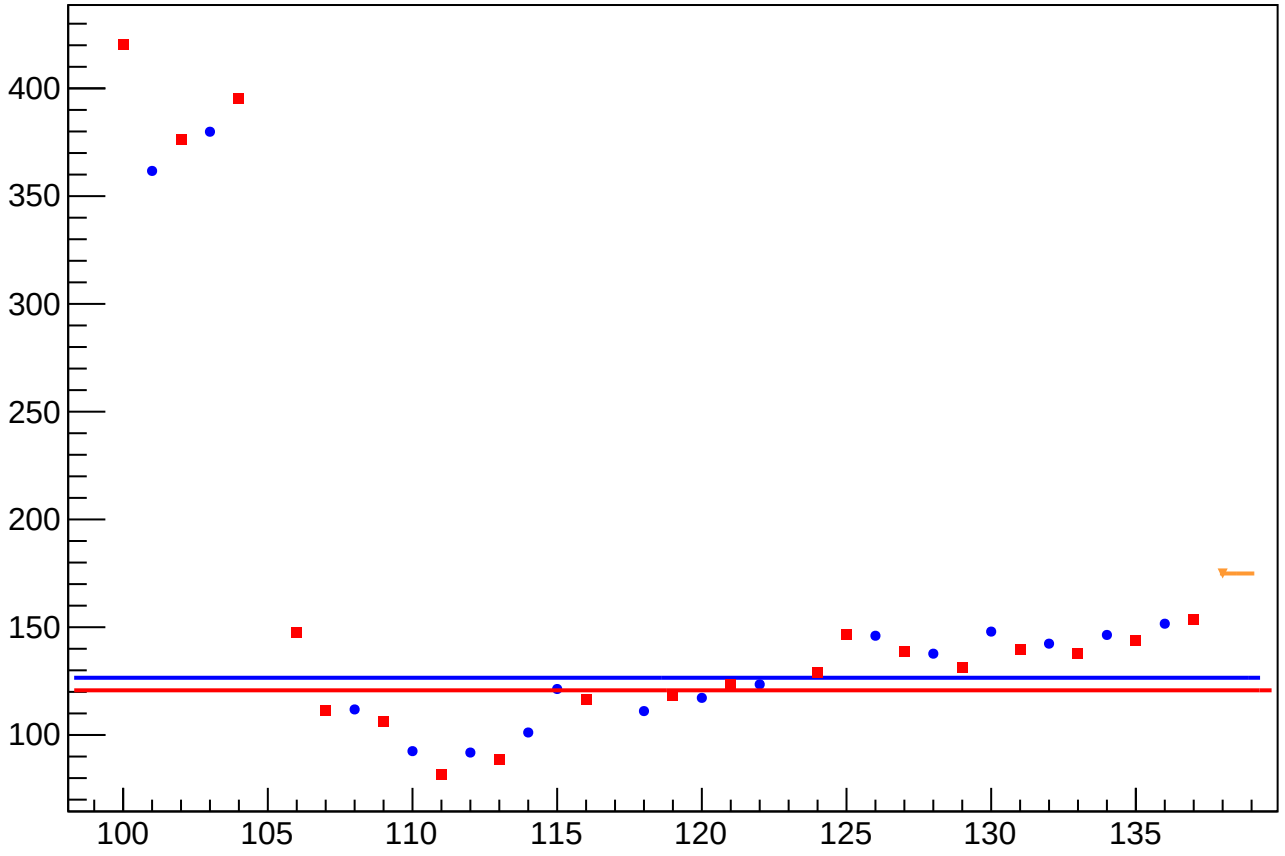
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 134666.073+/-0.049 χ^2/NDF: 2112734987.2

All: 134424.447+/-0.034 χ^2/NDF: 33651572

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug



Right In: 126.551+/-0.036 χ^2/NDF: 1477429.4/15

Left Out: 174.925+/-0.141 χ^2/NDF:0.0/0

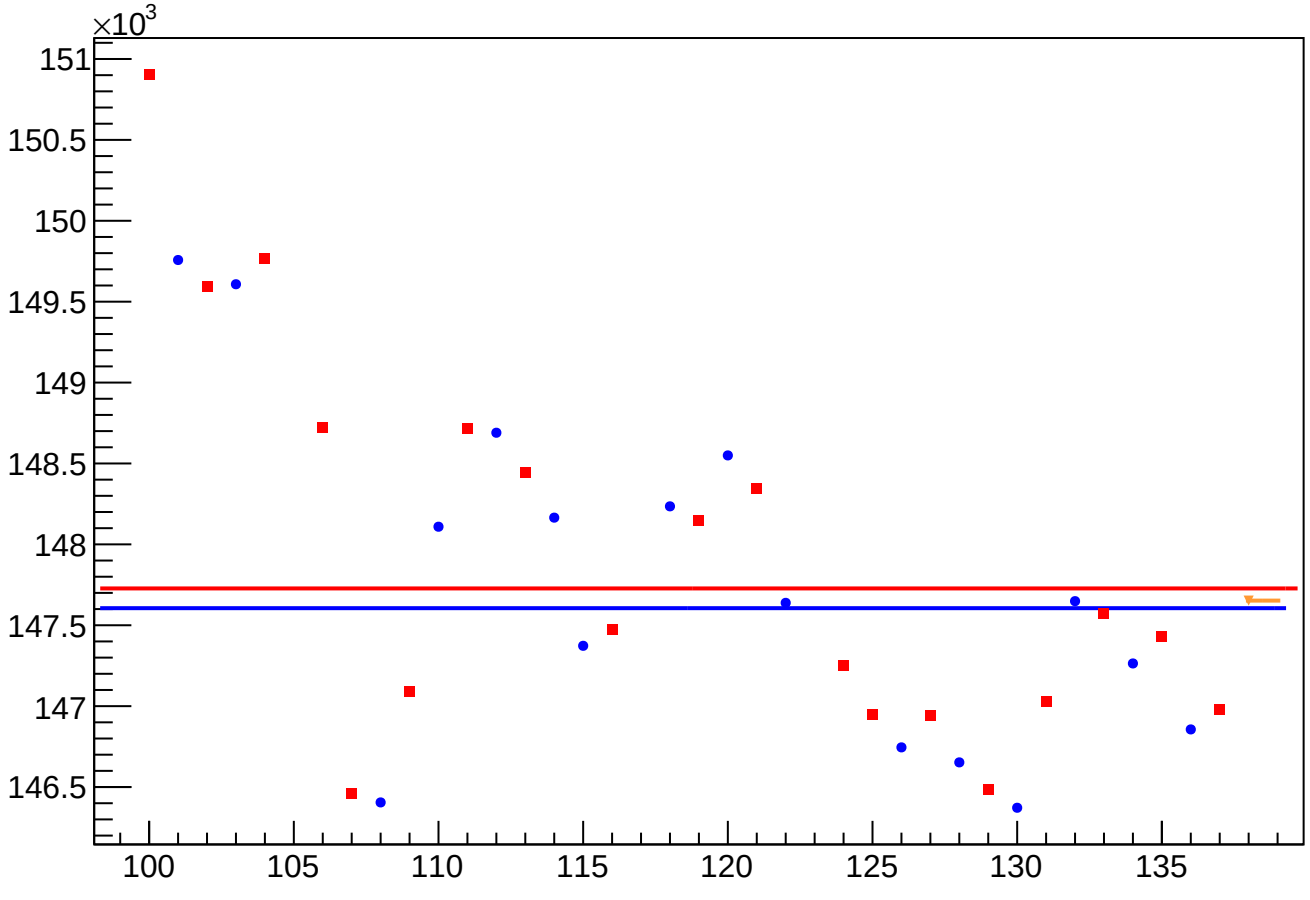
Right Out: 120.723+/-0.034 χ^2/NDF: 1632726.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 129.487+/-0.035 χ^2/NDF: 1587407.3/16

All: 124.989+/-0.024 χ^2/NDF: 3252626.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 147605.604+/-0.062 χ^2/NDF: 200513366.5/15

Left Out: 147652.383+/-0.233 χ^2/NDF:0.0/0

Right Out: 147727.598+/-0.059 χ^2/NDF: 194800119.4/18

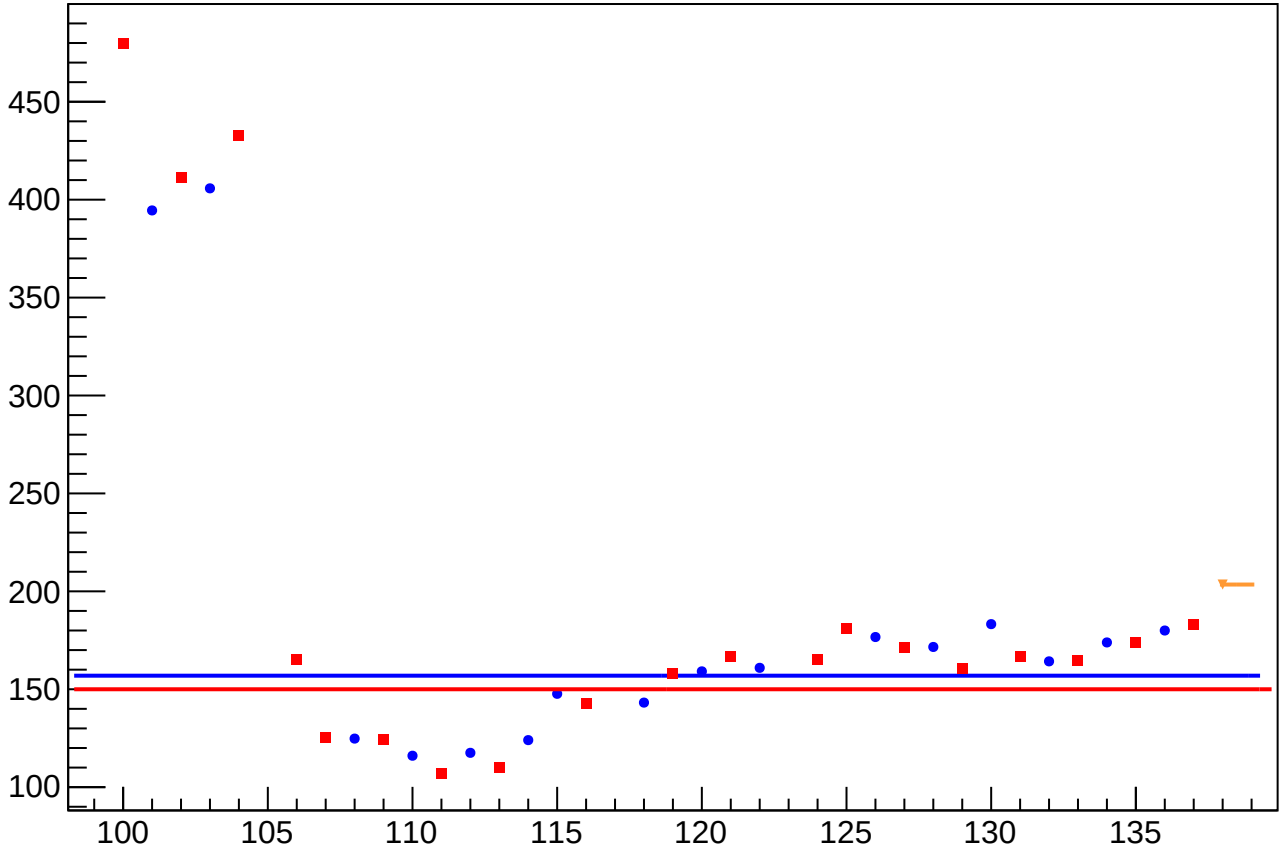
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 147608.743+/-0.060 χ^2/NDF: 200550986.4/1

All: 147669.575+/-0.042 χ^2/NDF: 39733681

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug



Right In: 156.927+/-0.044 χ^2/NDF: 1265768.6/15

Left Out: 203.472+/-0.165 χ^2/NDF:0.0/0

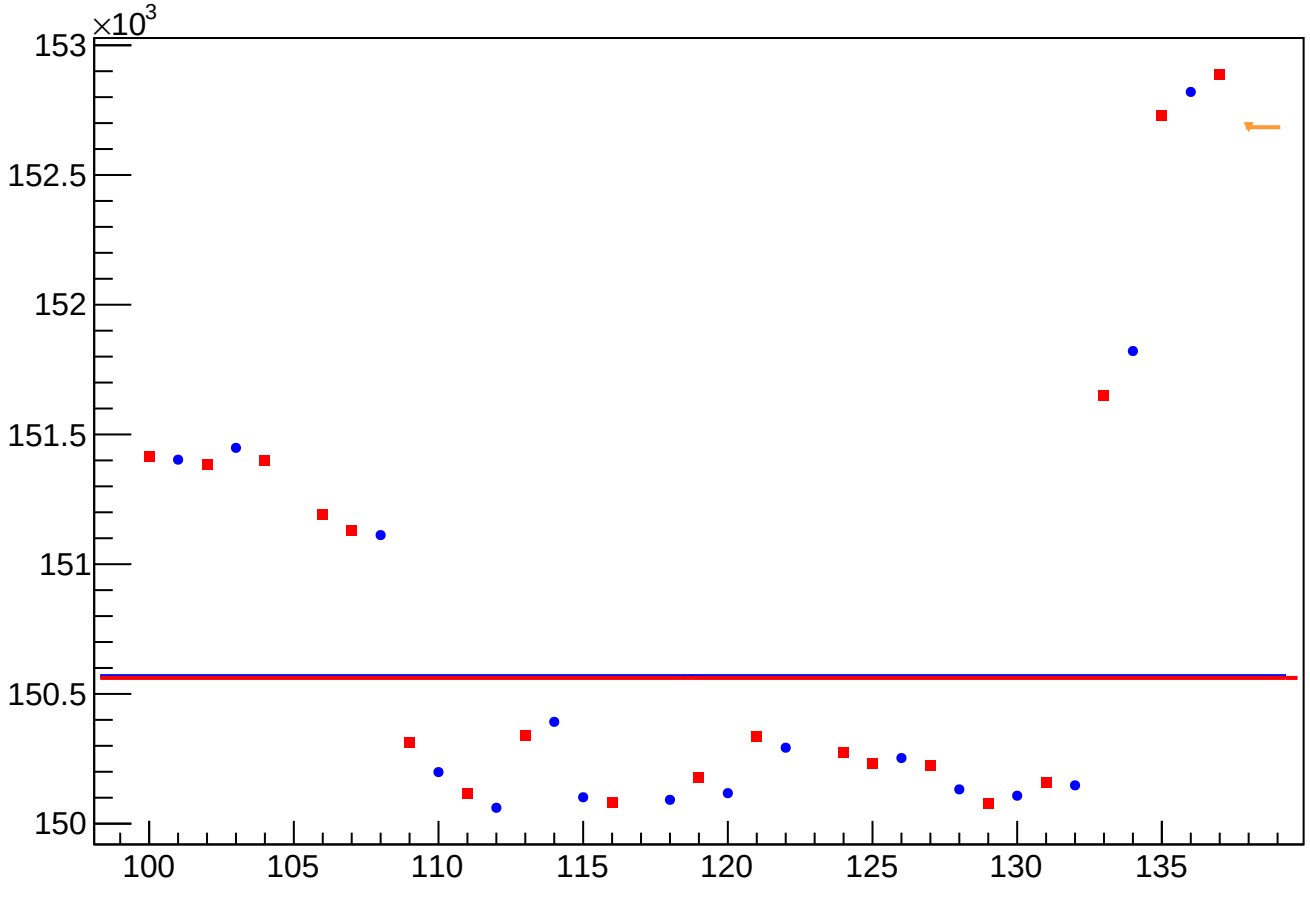
Right Out: 149.994+/-0.042 χ^2/NDF: 1453928.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 160.050+/-0.043 χ^2/NDF: 1340254.6/16

All: 154.903+/-0.030 χ^2/NDF: 2822612.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 150568.638+/-0.055 χ^2/NDF: 237155171.8/15

Left Out: 152684.087+/-0.206 χ^2/NDF:0.0/0

Right Out: 150561.647+/-0.051 χ^2/NDF: 197500782.5/18

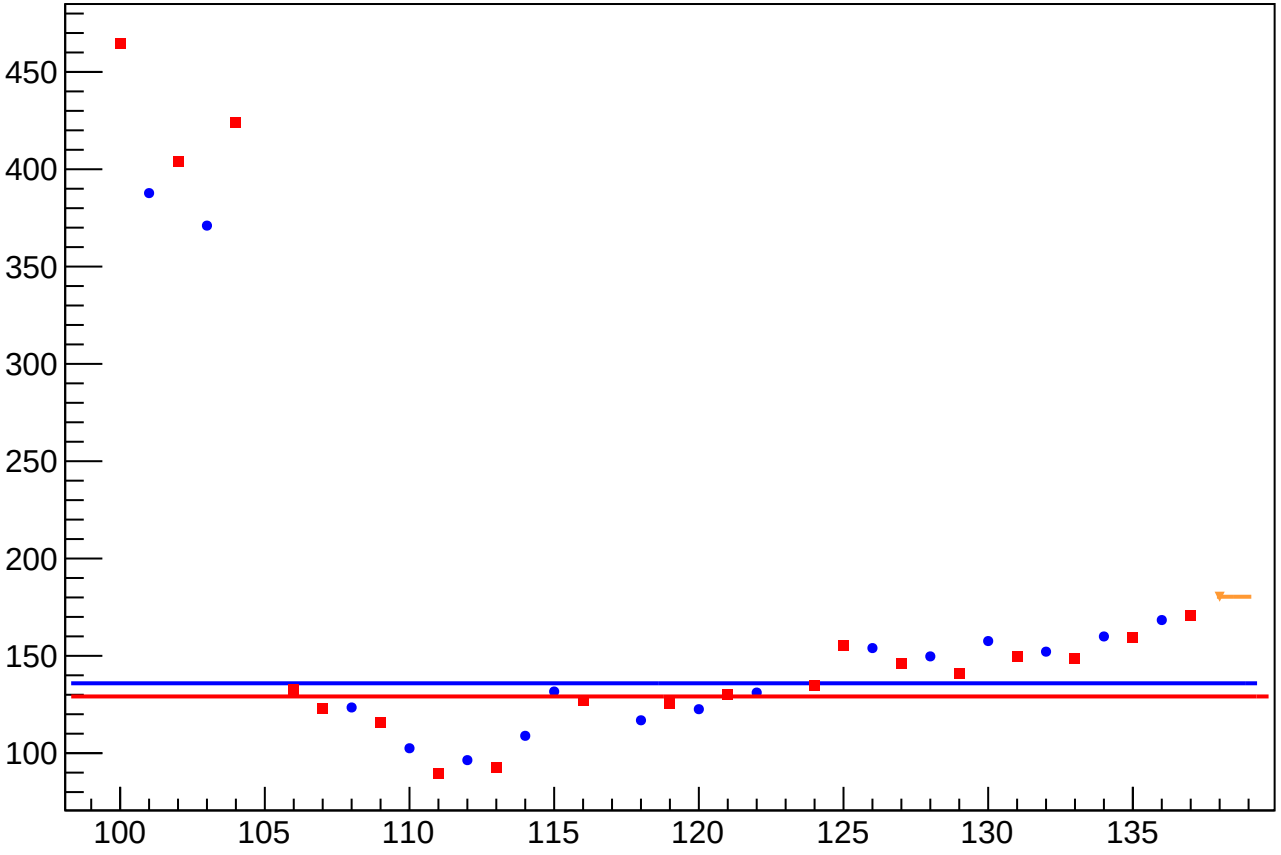
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 150707.587+/-0.053 χ^2/NDF: 335716360.3/1

All: 150632.080+/-0.037 χ^2/NDF: 53717187

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 135.896+/-0.039 χ^2/NDF: 1416332.3/15

Left Out: 180.365+/-0.146 χ^2/NDF:0.0/0

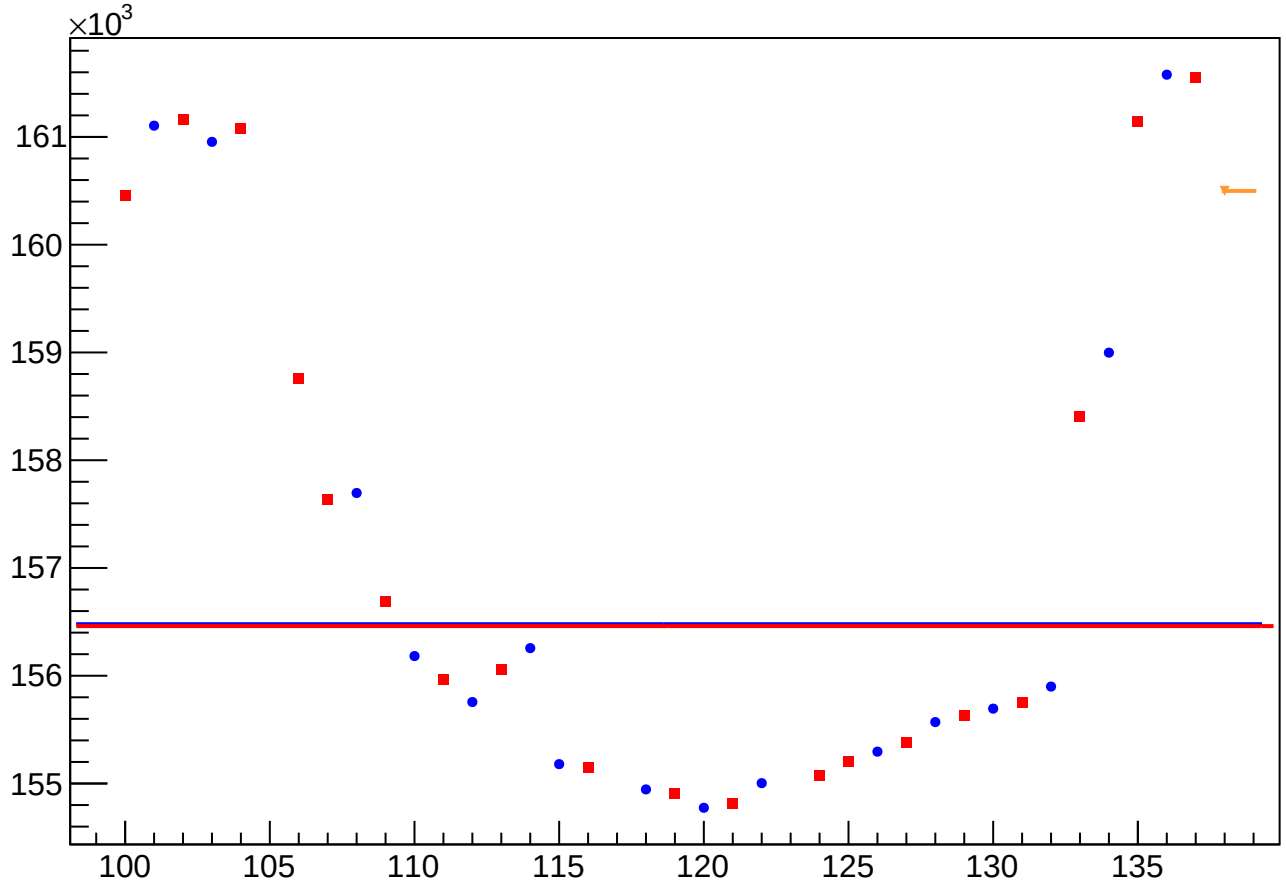
Right Out: 129.130+/-0.036 χ^2/NDF: 1614311.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 138.817+/-0.037 χ^2/NDF: 1503438.6/16

All: 133.805+/-0.026 χ^2/NDF: 3152594.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 156478.318+/-0.057 χ^2/NDF: 1289449253.3/15

Left Out: 160499.235+/-0.213 χ^2/NDF:0.0/0

Right Out: 156460.550+/-0.053 χ^2/NDF: 1100531658.8/18

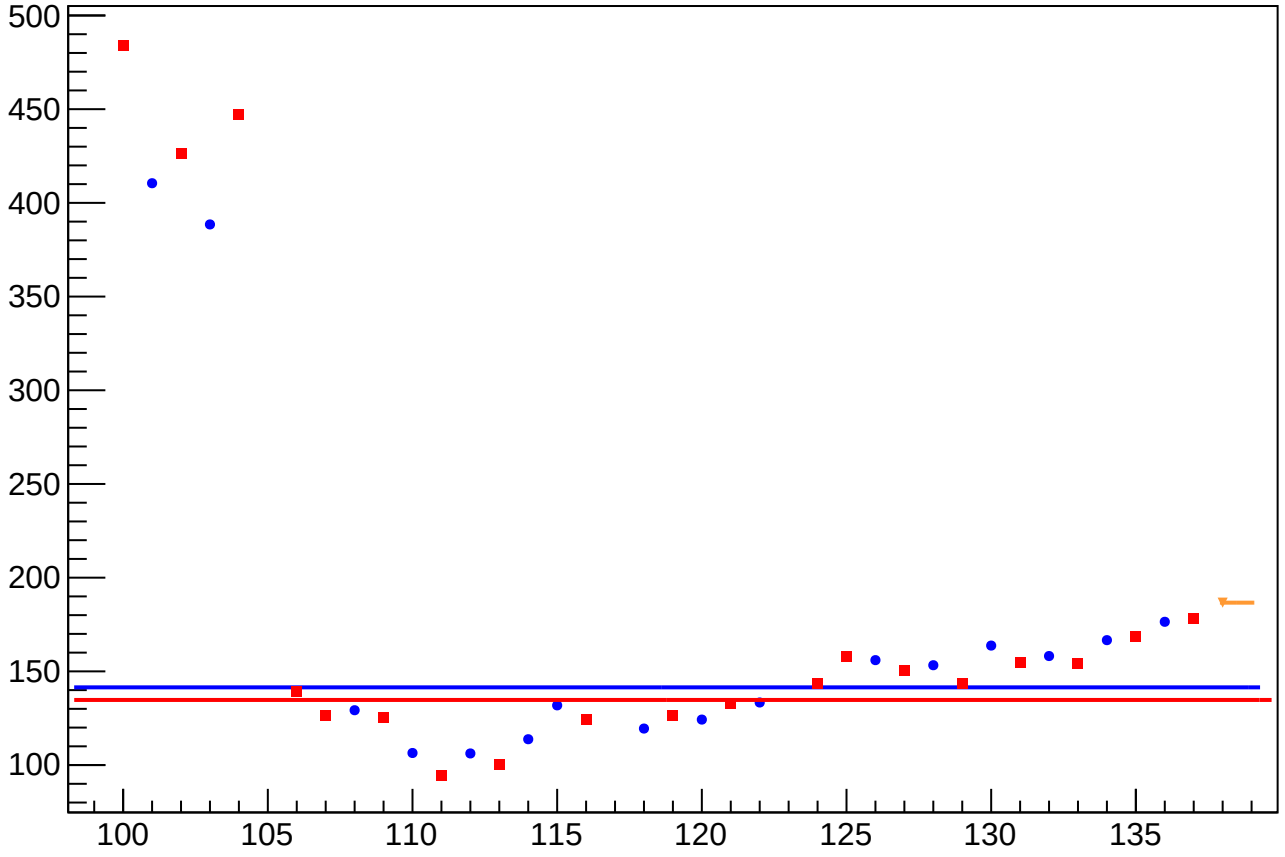
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 156744.964+/-0.055 χ^2/NDF: 1621610637.2

All: 156598.094+/-0.038 χ^2/NDF: 27360026

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm2i02WS_rms vs Slug



Right In: 141.470+/-0.040 χ^2/NDF: 1391933.2/15

Left Out: 186.665+/-0.151 χ^2/NDF:0.0/0

Right Out: 134.746+/-0.038 χ^2/NDF: 1579031.5/18

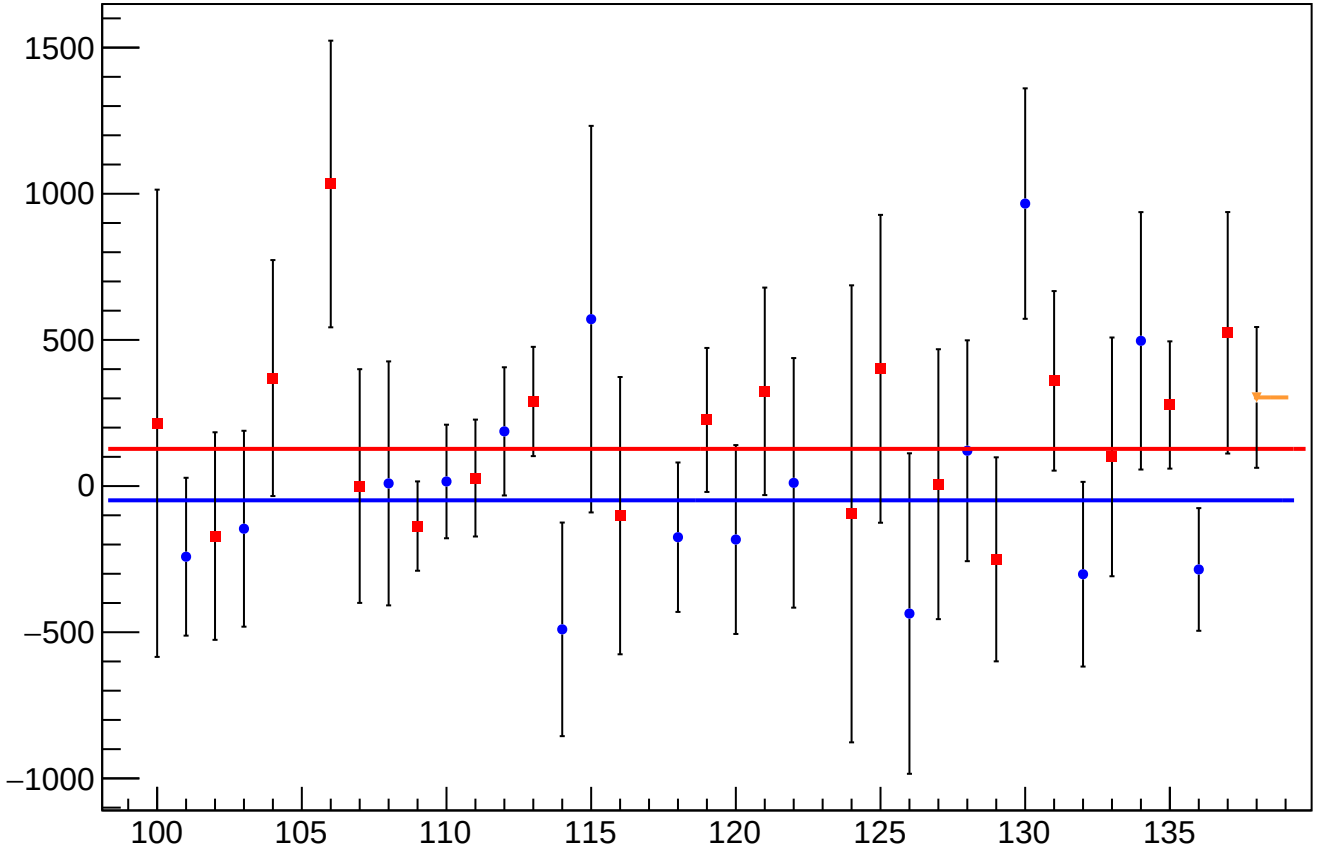
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 144.467+/-0.039 χ^2/NDF: 1475861.0/16

All: 139.447+/-0.027 χ^2/NDF: 3087279.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_target_mean vs Slug



Right In: -48.749+/-76.592 χ^2/NDF: 15.4/15

Left Out: 303.301+/-240.839 χ^2/NDF:0.0/0

Right Out: 127.249+/-68.506 χ^2/NDF: 12.9/18

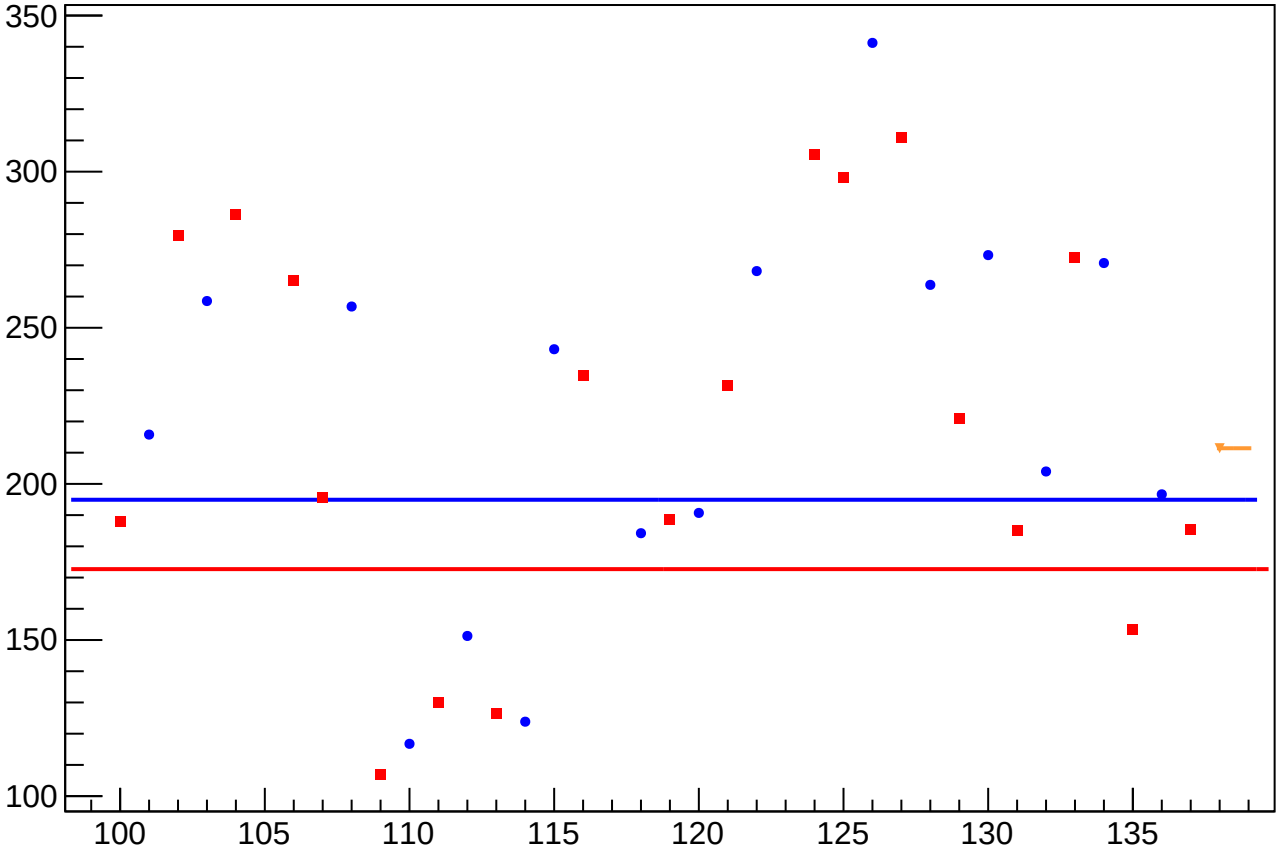
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -16.414+/-72.990 χ^2/NDF: 17.4/16

All: 59.965+/-49.951 χ^2/NDF: 32.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_target_rms vs Slug



Right In: 194.923+/-0.054 χ^2/NDF: 1028901.2/15

Left Out: 211.416+/-0.170 χ^2/NDF:0.0/0

Right Out: 172.704+/-0.048 χ^2/NDF: 1631350.4/18

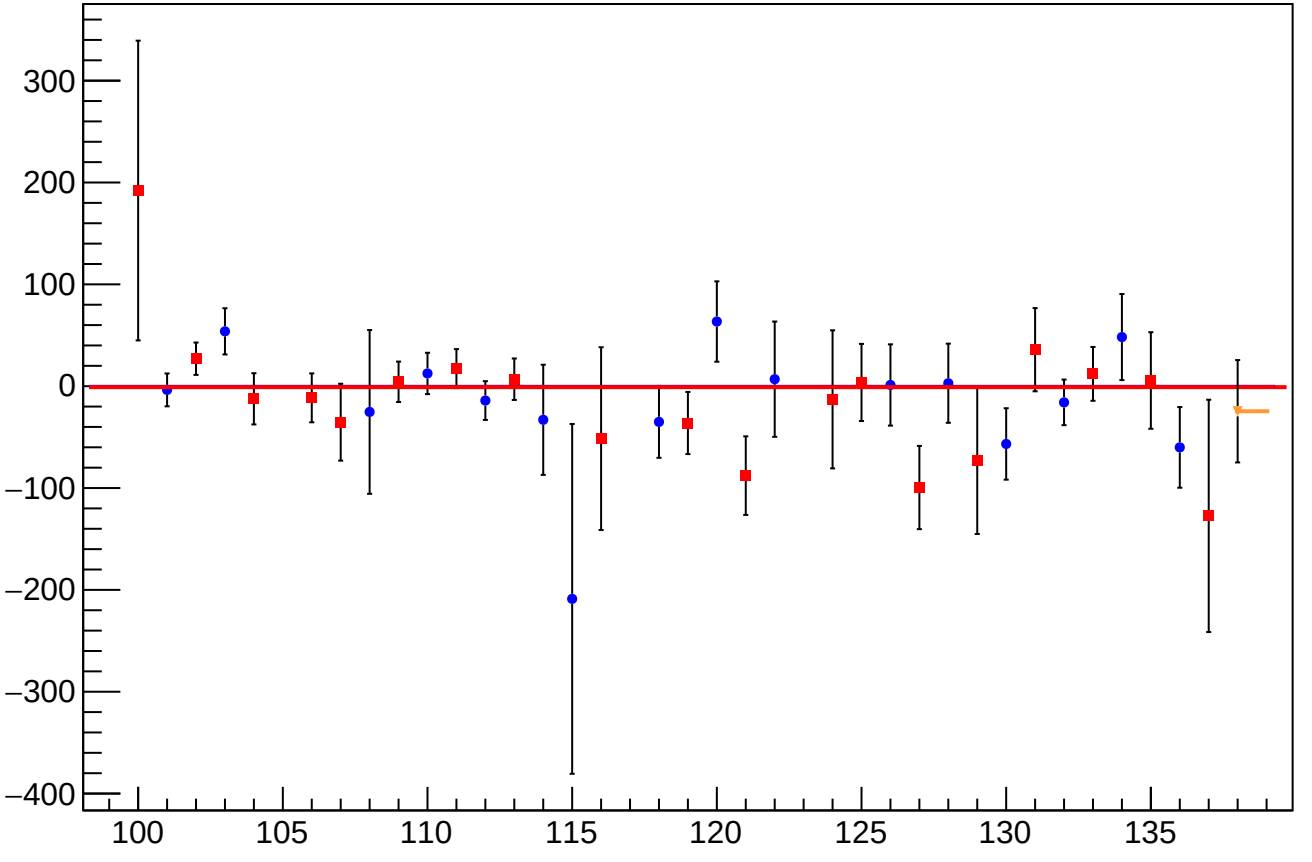
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 196.437+/-0.052 χ^2/NDF: 1037419.2/16

All: 183.819+/-0.035 χ^2/NDF: 2781195.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: -0.624+/-7.340 χ^2/NDF: 18.9/15

Left Out: -24.593+/-50.246 χ^2/NDF:0.0/0

Right Out: -0.938+/-6.767 χ^2/NDF: 23.1/18

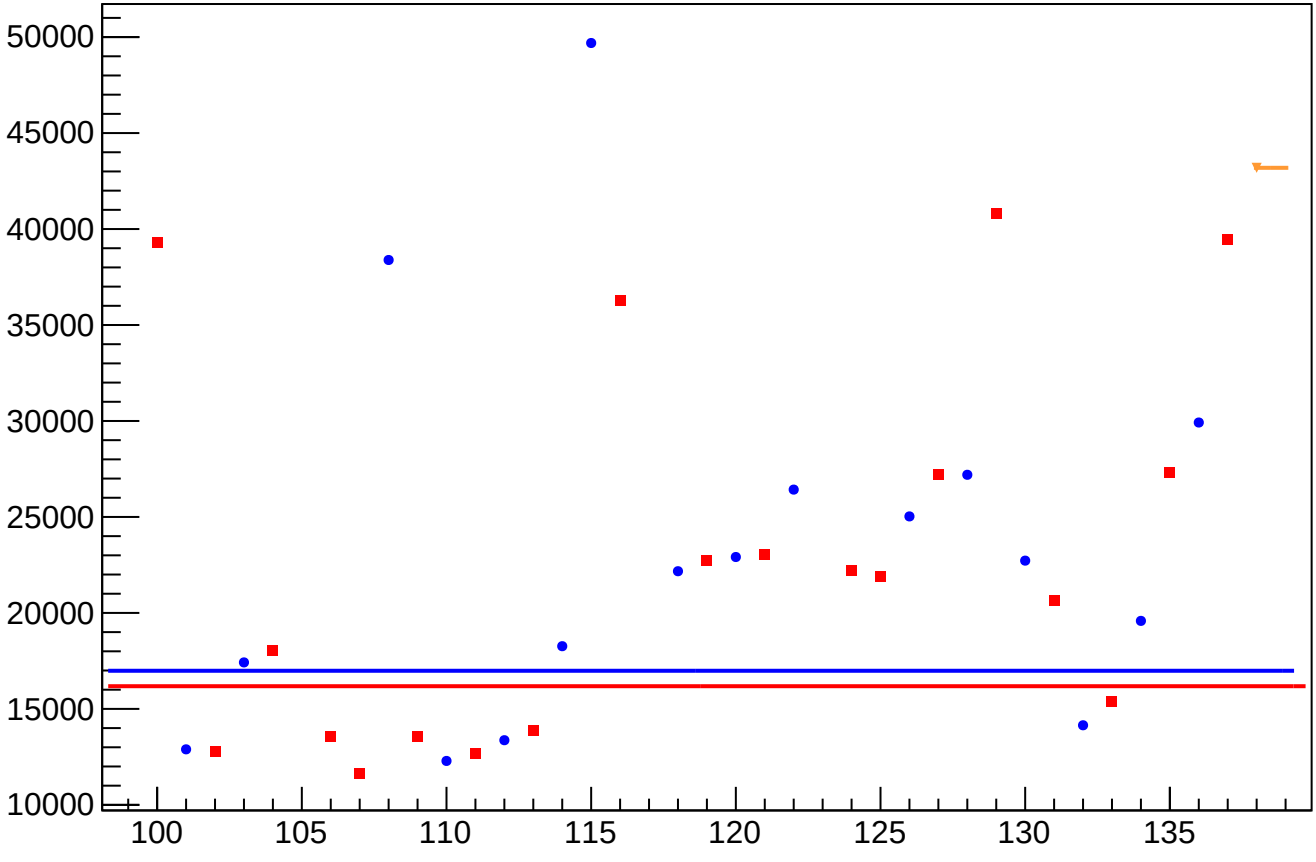
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.125+/-7.263 χ^2/NDF: 19.1/16

All: -1.025+/-4.951 χ^2/NDF: 42.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 16986.402+/-5.190 χ^2/NDF: 1194096.1/15

Left Out: 43189.510+/-35.529 χ^2/NDF:0.0/0

Right Out: 16181.928+/-4.785 χ^2/NDF: 1251495.8/18

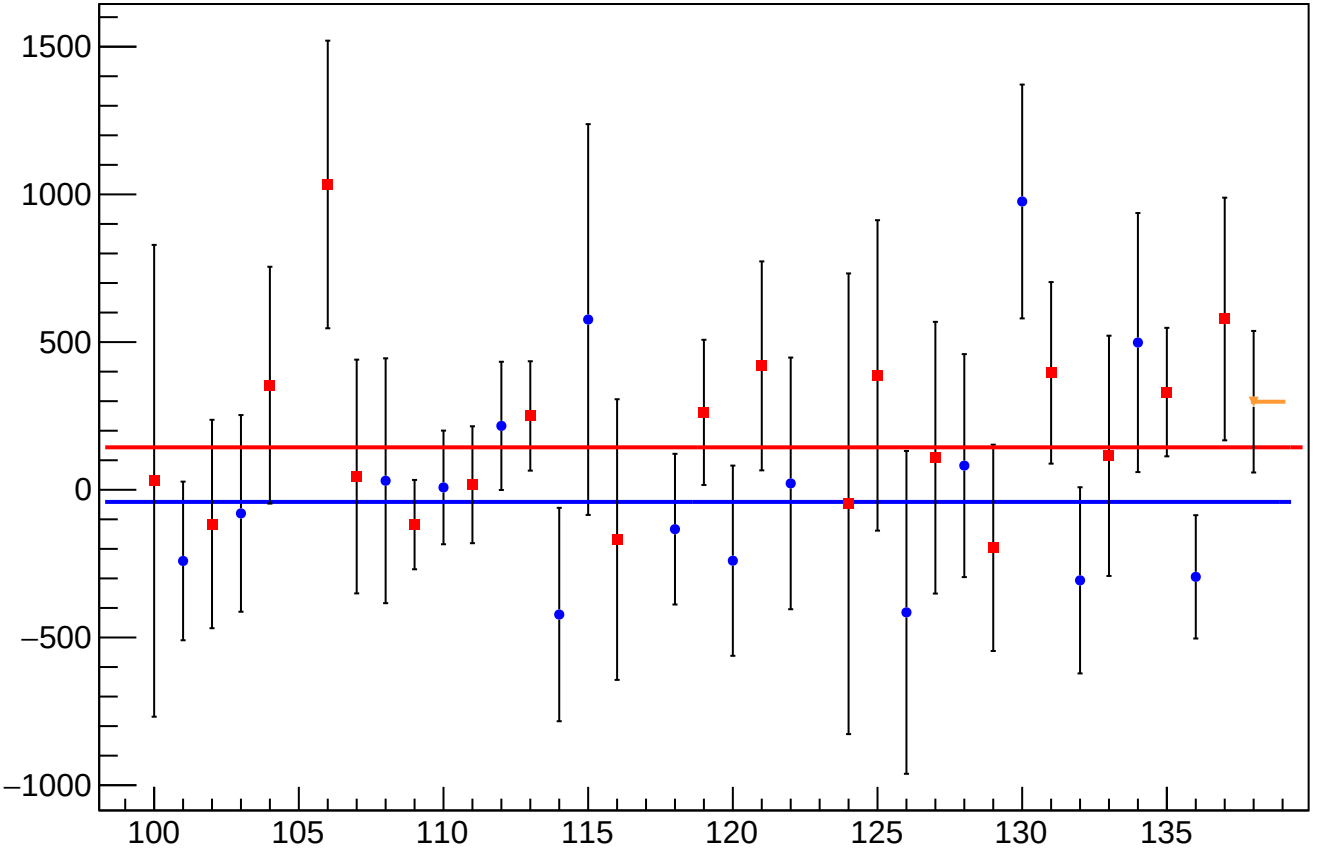
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17533.935+/-5.136 χ^2/NDF: 1726654.8/16

All: 16810.179+/-3.501 χ^2/NDF: 3015248.3/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: -41.048+/-76.156 χ^2/NDF: 15.5/15

Left Out: 298.170+/-239.624 χ^2/NDF:0.0/0

Right Out: 143.821+/-68.080 χ^2/NDF: 13.0/18

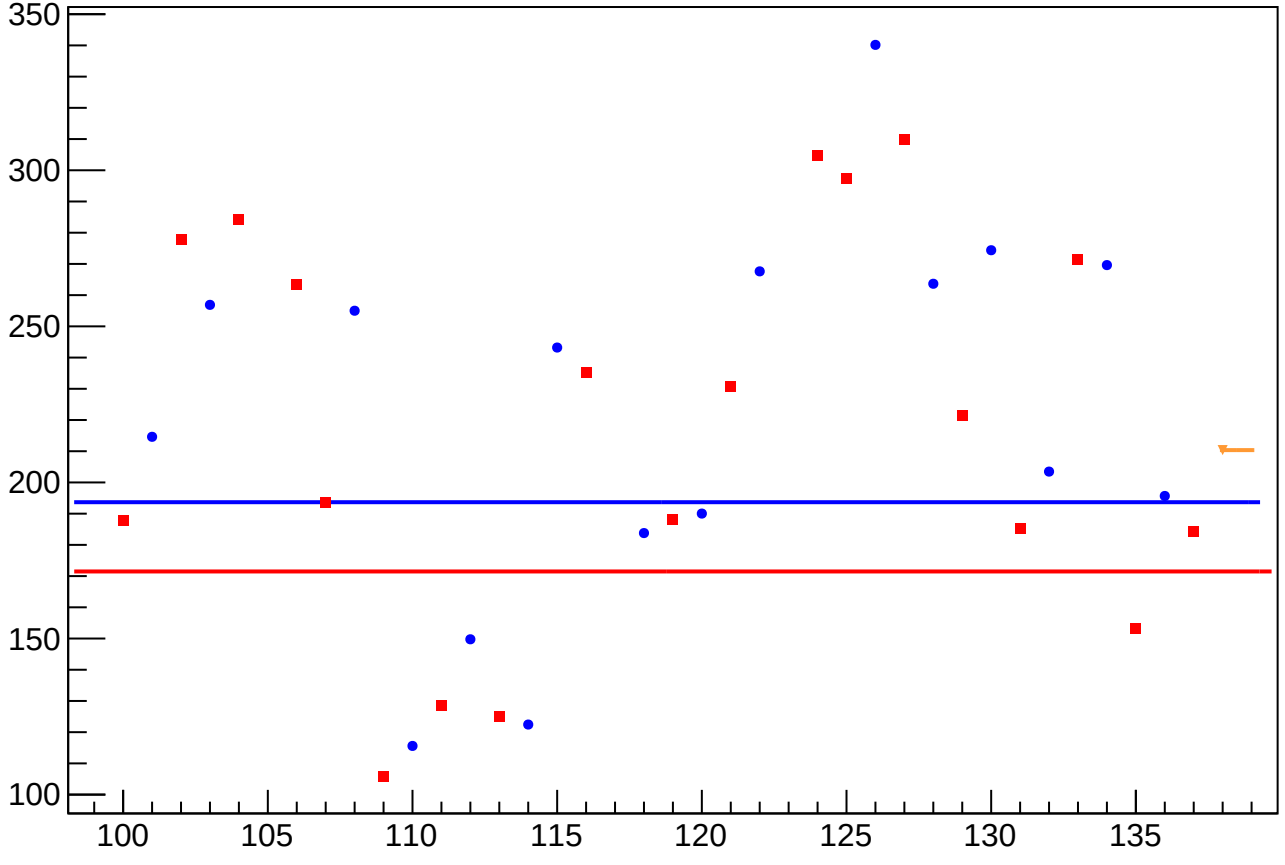
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -9.927+/-72.579 χ^2/NDF: 17.3/16

All: 71.859+/-49.654 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 193.670+/-0.054 χ^2/NDF: 1049772.0/15

Left Out: 210.358+/-0.169 χ^2/NDF:0.0/0

Right Out: 171.484+/-0.048 χ^2/NDF: 1652989.7/18

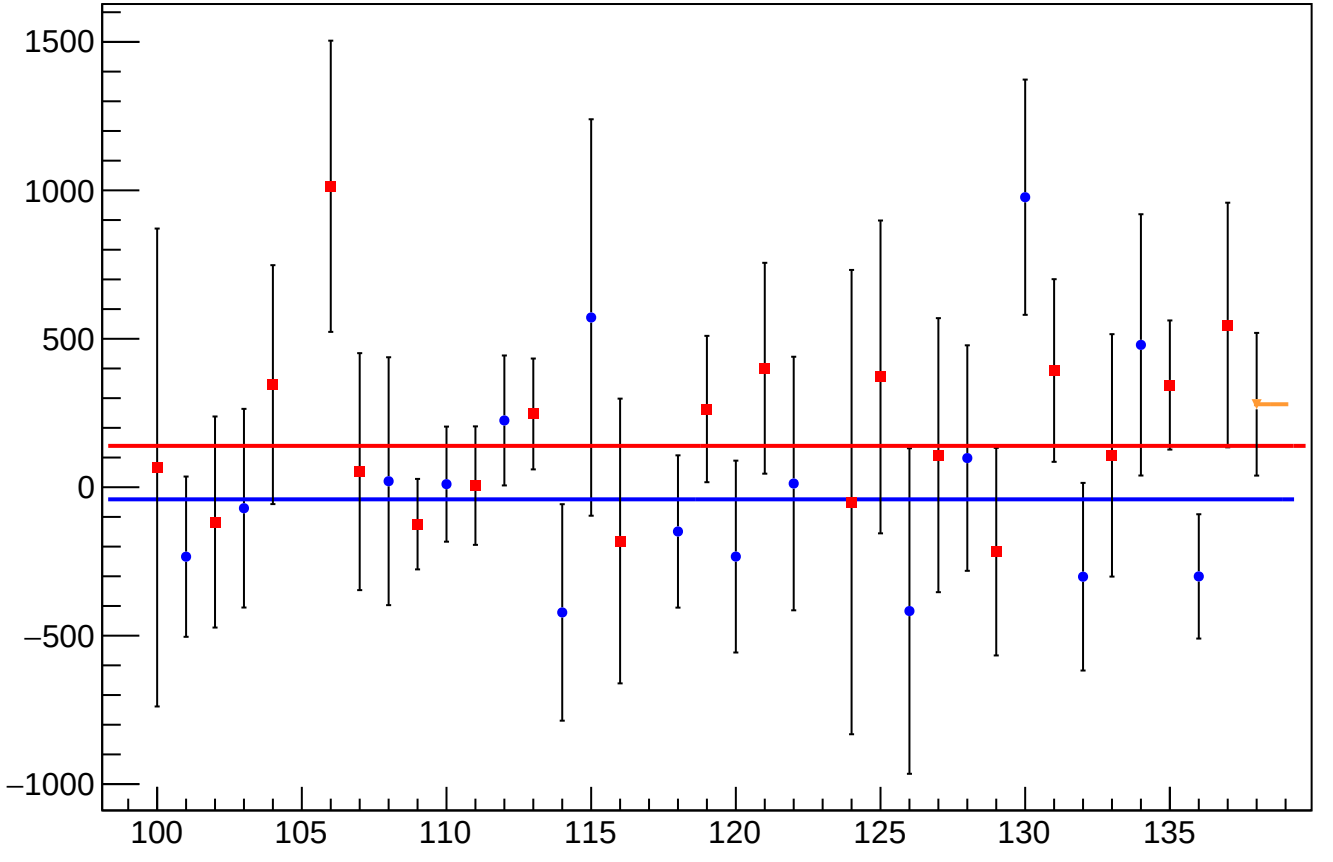
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.201+/-0.051 χ^2/NDF: 1058581.5/16

All: 182.585+/-0.035 χ^2/NDF: 2825181.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -40.798+/-76.579 χ^2/NDF: 15.4/15

Left Out: 279.496+/-240.332 χ^2/NDF:0.0/0

Right Out: 139.292+/-68.459 χ^2/NDF: 12.9/18

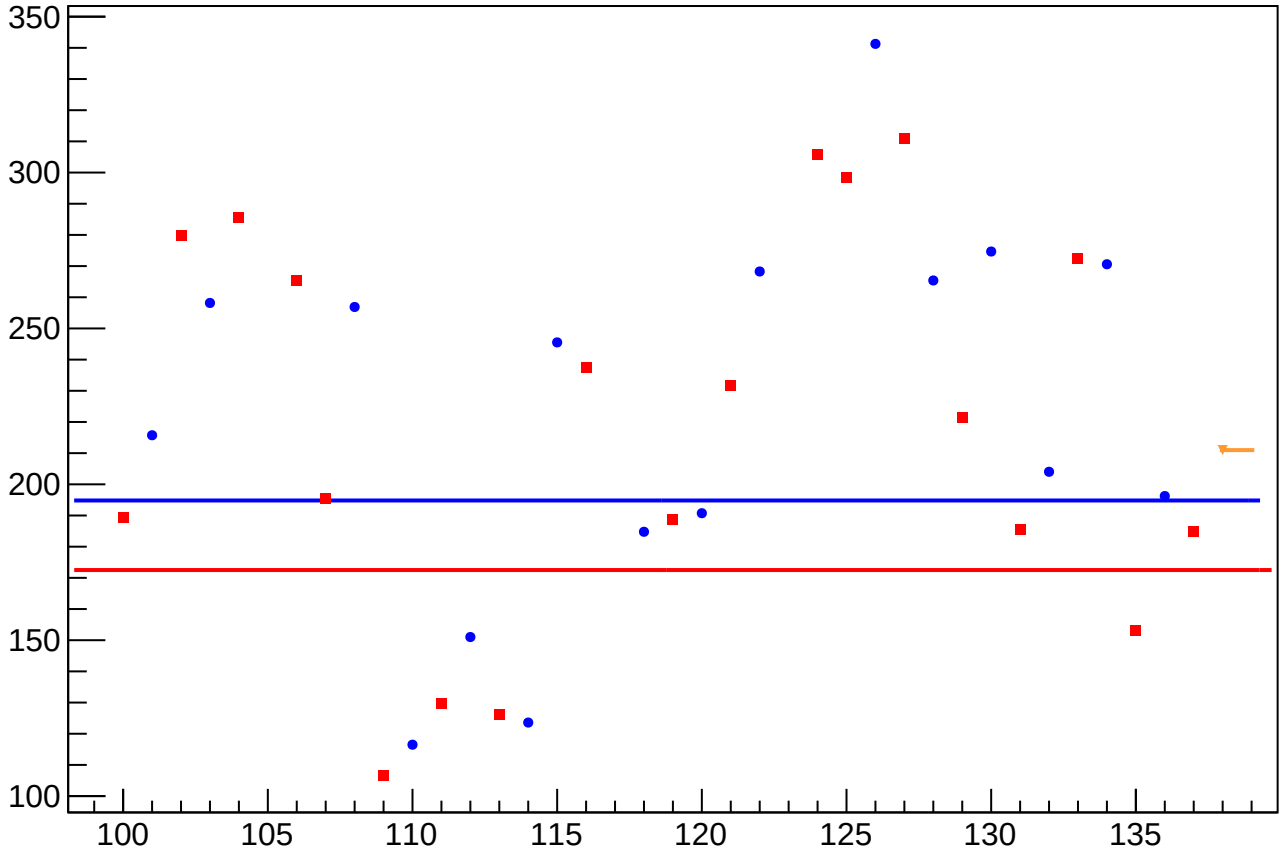
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -11.276+/-72.964 χ^2/NDF: 17.0/16

All: 68.800+/-49.925 χ^2/NDF: 32.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 194.819+/-0.054 χ^2/NDF: 1039096.7/15

Left Out: 210.975+/-0.170 χ^2/NDF:0.0/0

Right Out: 172.507+/-0.048 χ^2/NDF: 1642059.1/18

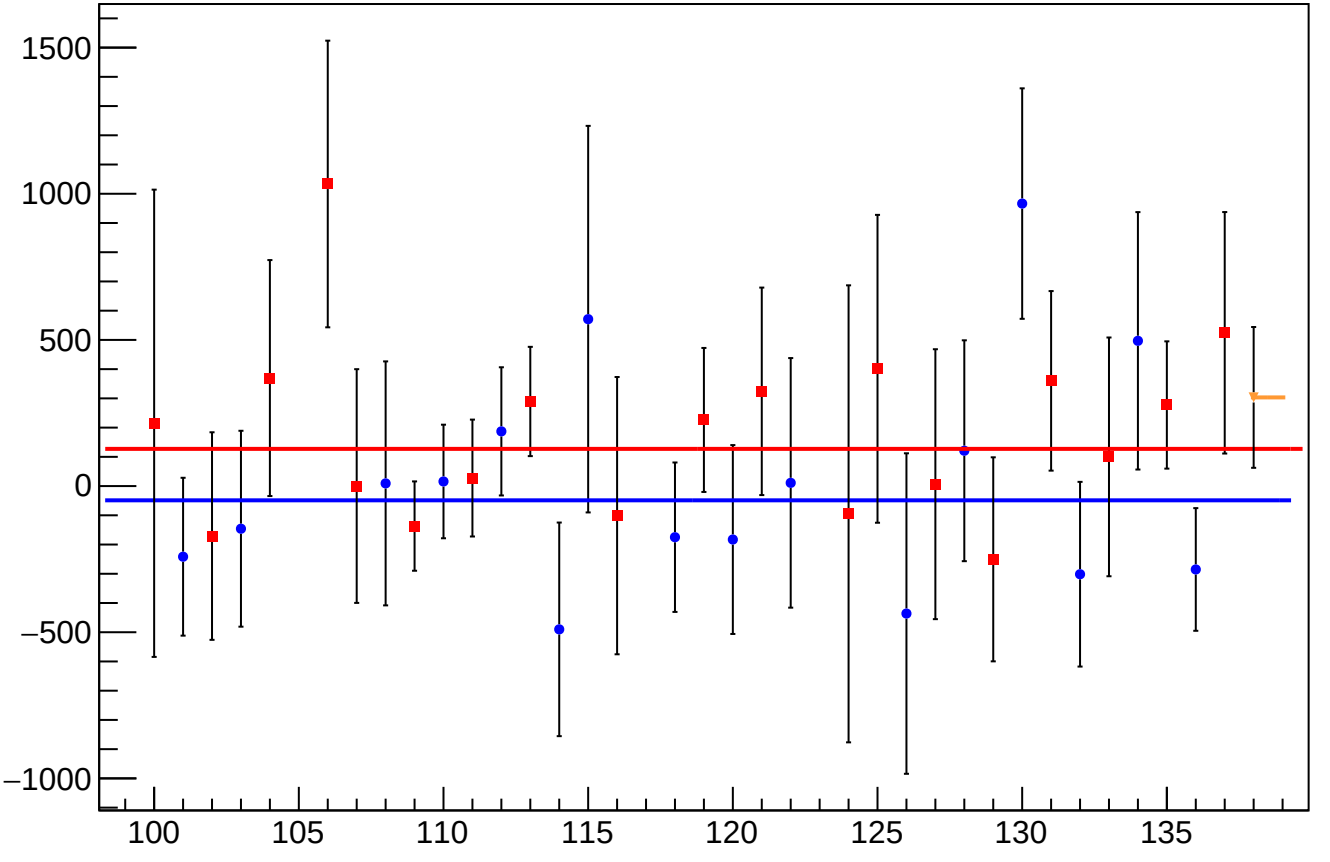
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.309+/-0.052 χ^2/NDF: 1047301.1/16

All: 183.650+/-0.035 χ^2/NDF: 2802547.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -48.749+/-76.592 χ^2/NDF: 15.4/15

Left Out: 303.301+/-240.839 χ^2/NDF:0.0/0

Right Out: 127.249+/-68.506 χ^2/NDF: 12.9/18

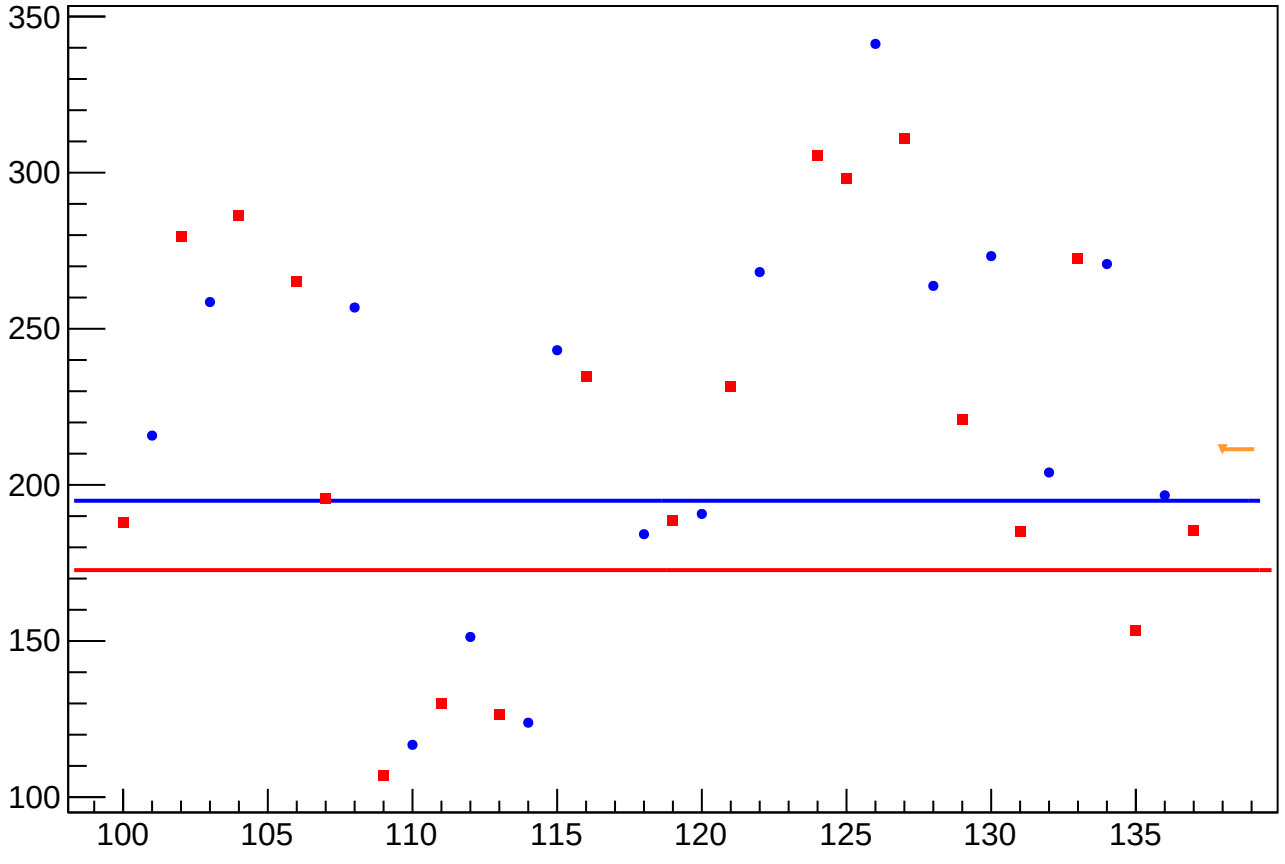
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -16.414+/-72.990 χ^2/NDF: 17.4/16

All: 59.965+/-49.951 χ^2/NDF: 32.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 194.923+/-0.054 χ^2/NDF: 1028901.2/15

Left Out: 211.416+/-0.170 χ^2/NDF:0.0/0

Right Out: 172.704+/-0.048 χ^2/NDF: 1631350.4/18

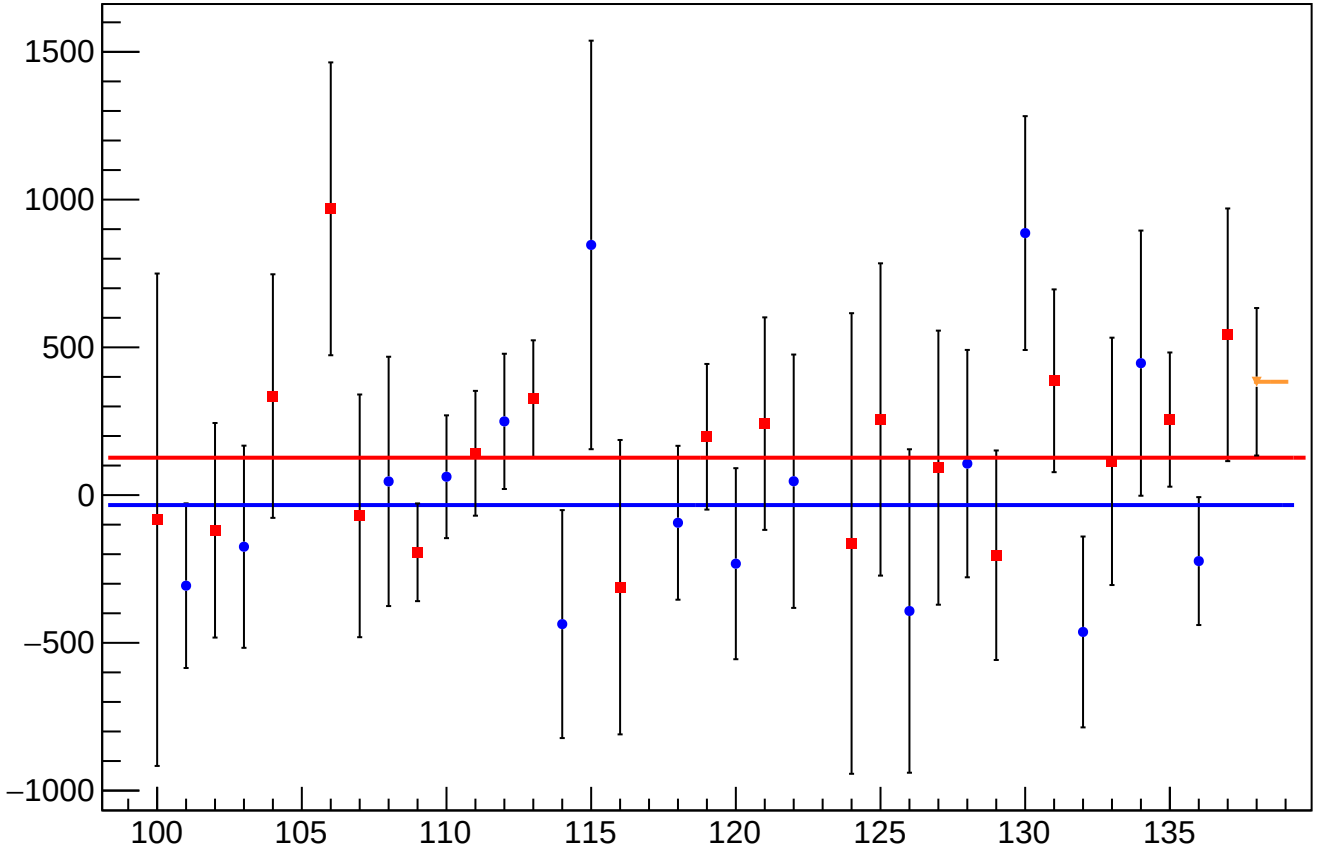
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.437+/-0.052 χ^2/NDF: 1037419.2/16

All: 183.819+/-0.035 χ^2/NDF: 2781195.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_mean vs Slug



Right In: -33.731+/-78.996 χ^2/NDF: 15.7/15

Left Out: 383.515+/-249.561 χ^2/NDF:0.0/0

Right Out: 126.563+/-71.309 χ^2/NDF: 12.7/18

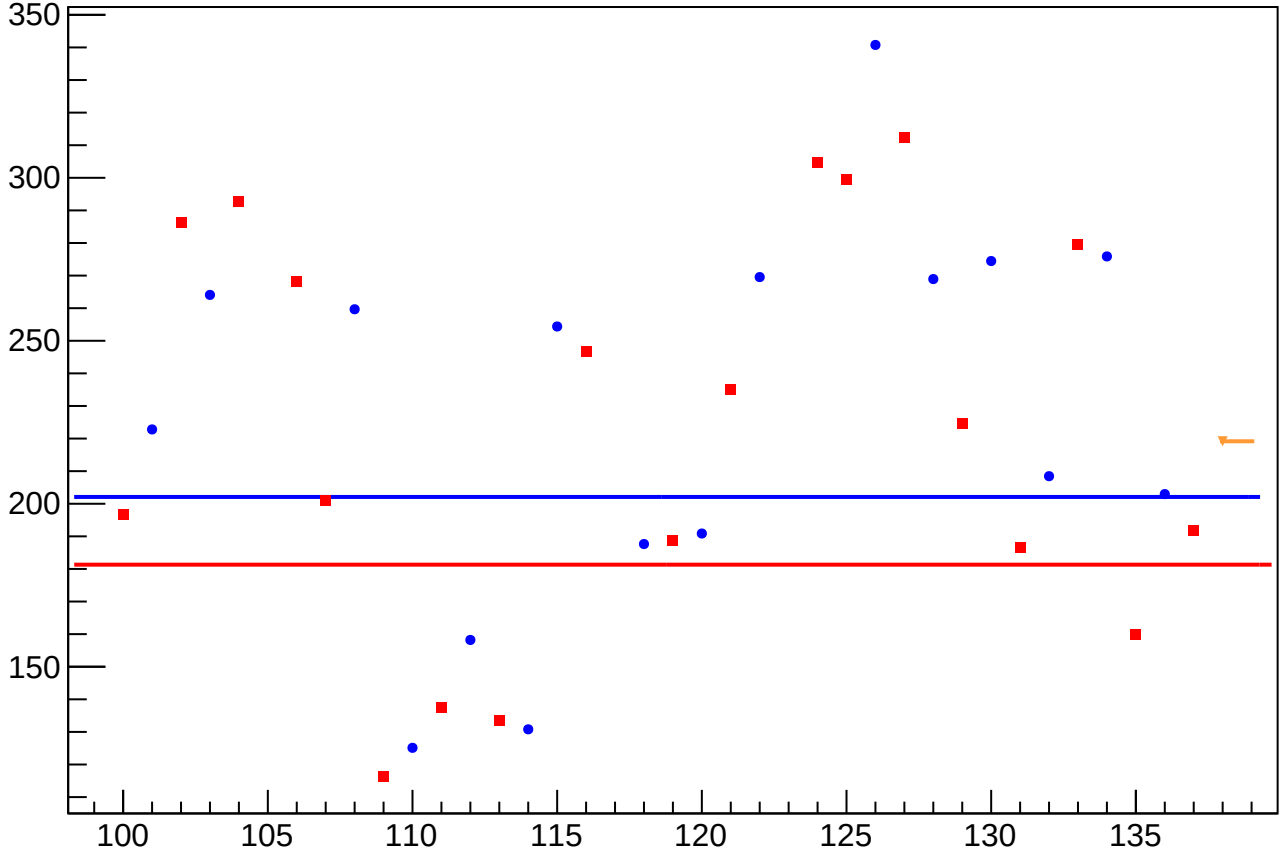
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.268+/-75.313 χ^2/NDF: 18.3/16

All: 68.753+/-51.781 χ^2/NDF: 32.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 202.090+/-0.056 χ^2/NDF: 910259.2/15

Left Out: 219.166+/-0.176 χ^2/NDF:0.0/0

Right Out: 181.312+/-0.050 χ^2/NDF: 1440989.4/18

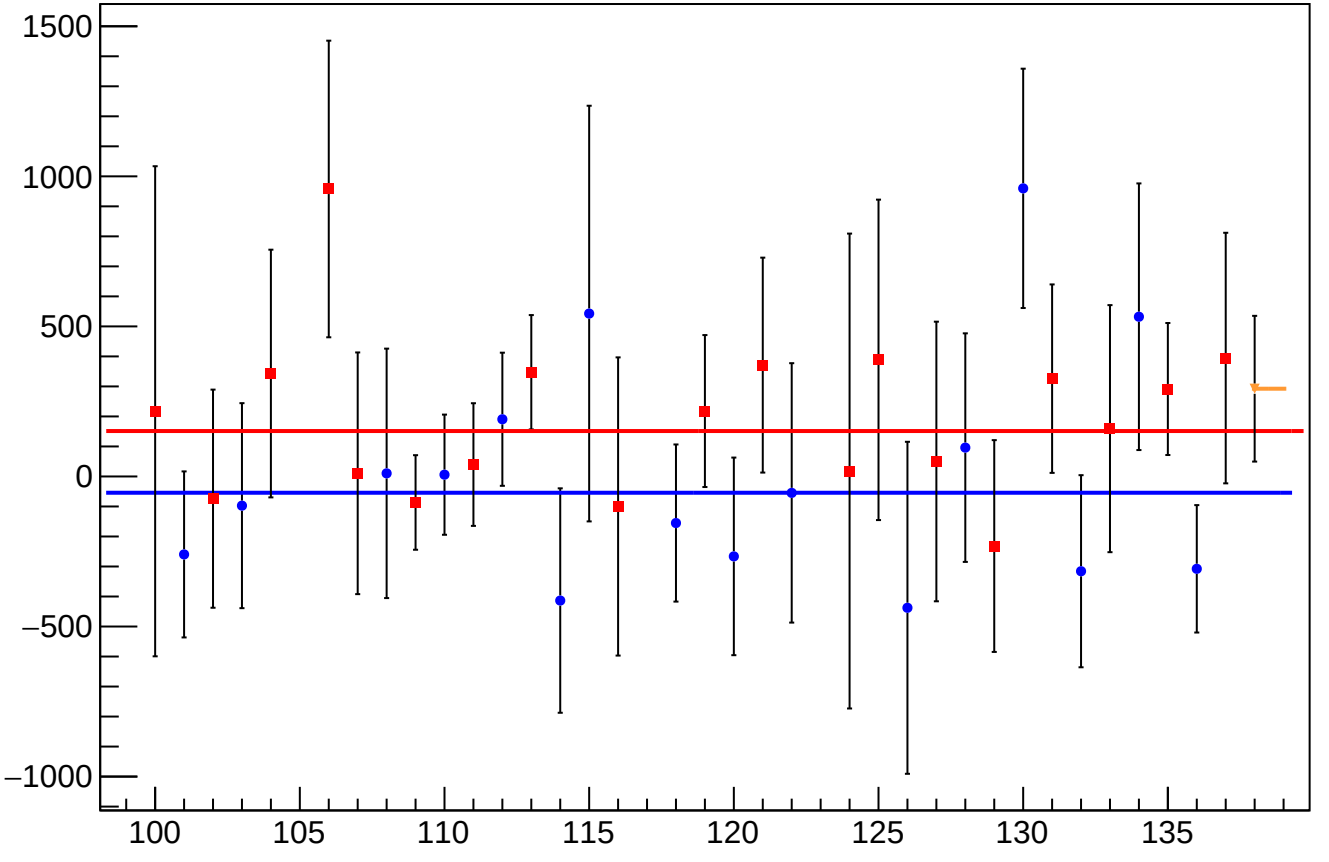
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 203.645+/-0.053 χ^2/NDF: 918770.3/16

All: 191.869+/-0.037 χ^2/NDF: 2452493.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -54.254+/-77.946 χ^2/NDF: 15.1/15

Left Out: 292.376+/-242.804 χ^2/NDF:0.0/0

Right Out: 151.358+/-69.902 χ^2/NDF: 10.2/18

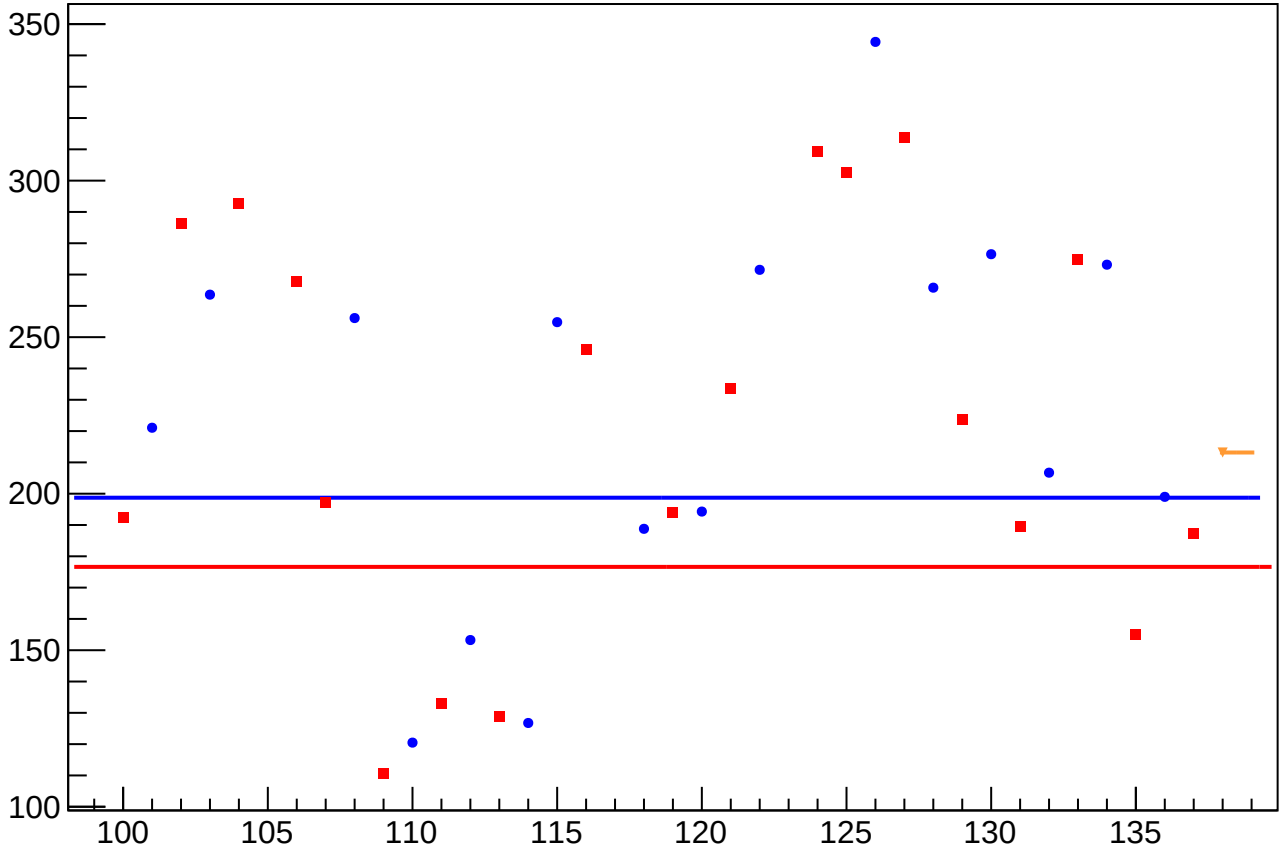
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -21.869+/-74.216 χ^2/NDF: 16.9/16

All: 69.925+/-50.885 χ^2/NDF: 30.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 198.718+/-0.055 χ^2/NDF: 994068.9/15

Left Out: 213.159+/-0.172 χ^2/NDF:0.0/0

Right Out: 176.621+/-0.049 χ^2/NDF: 1595710.1/18

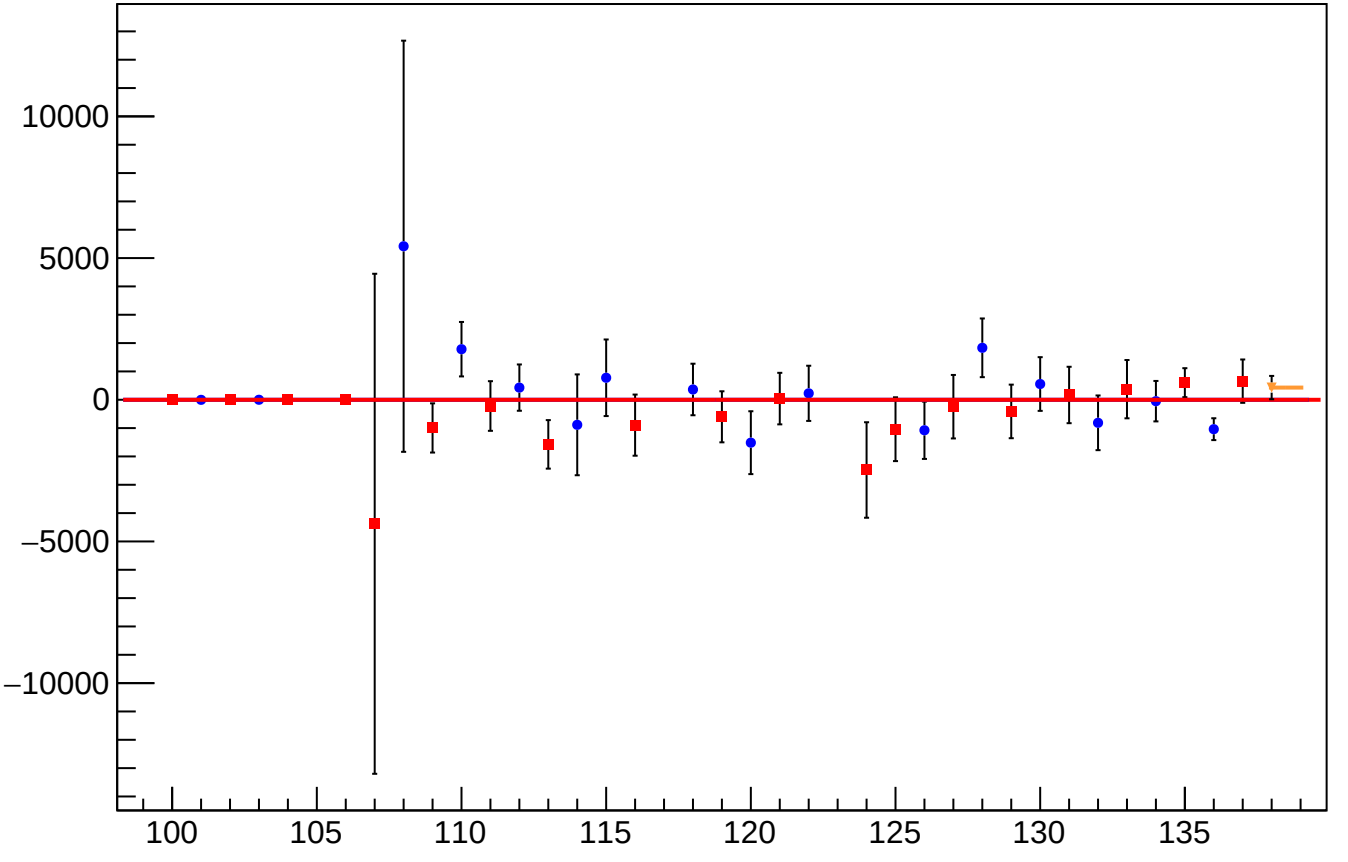
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 200.068+/-0.052 χ^2/NDF: 1000482.7/16

All: 187.643+/-0.036 χ^2/NDF: 2701967.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.239+/-2.171 χ^2/NDF: 19.9/15

Left Out: 429.629+/-411.988 χ^2/NDF:0.0/0

Right Out: -1.377+/-2.022 χ^2/NDF: 16.8/18

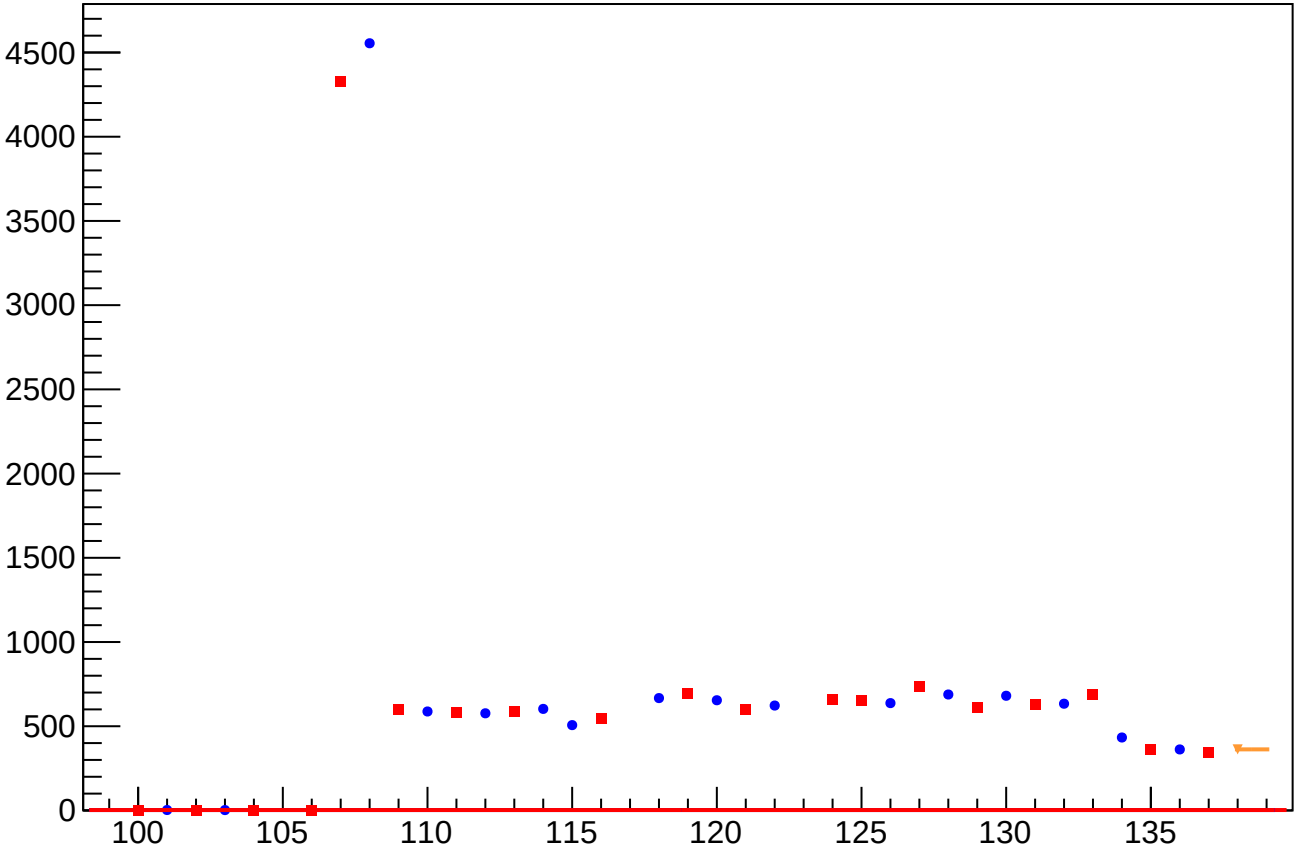
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.227+/-2.171 χ^2/NDF: 21.0/16

All: -1.307+/-1.480 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.477+/-0.002 χ^2/NDF: 11626192.3/15

Left Out: 362.644+/-0.291 χ^2/NDF:0.0/0

Right Out: 2.462+/-0.001 χ^2/NDF: 11545445.6/18

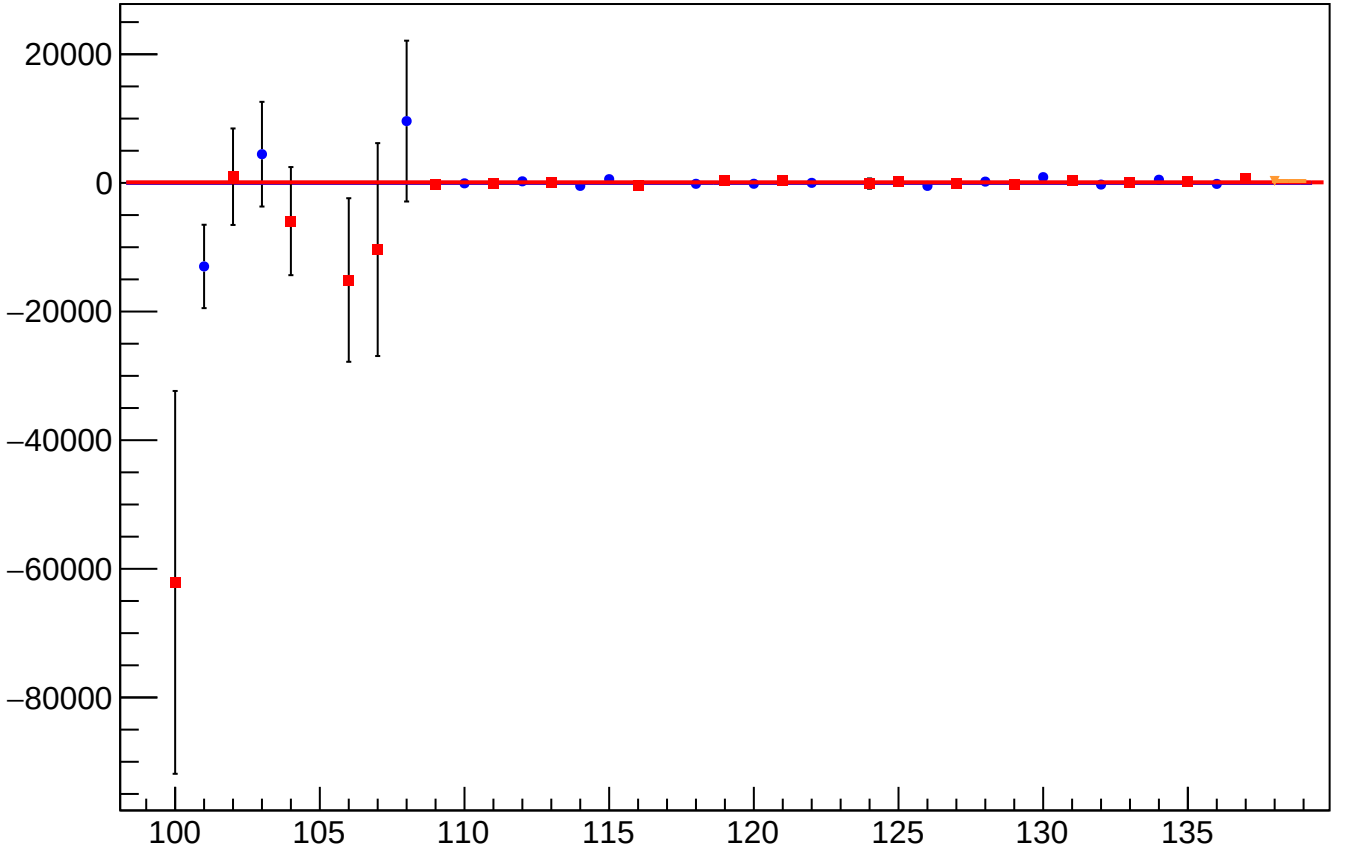
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.487+/-0.002 χ^2/NDF: 13154657.3/16

All: 2.474+/-0.001 χ^2/NDF: 24700239.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_cav4cQ_mean vs Slug



Right In: 0.575+/-87.823 χ^2/NDF: 16.8/15

Left Out: 295.141+/-243.438 χ^2/NDF:0.0/0

Right Out: 88.089+/-81.605 χ^2/NDF: 14.9/18

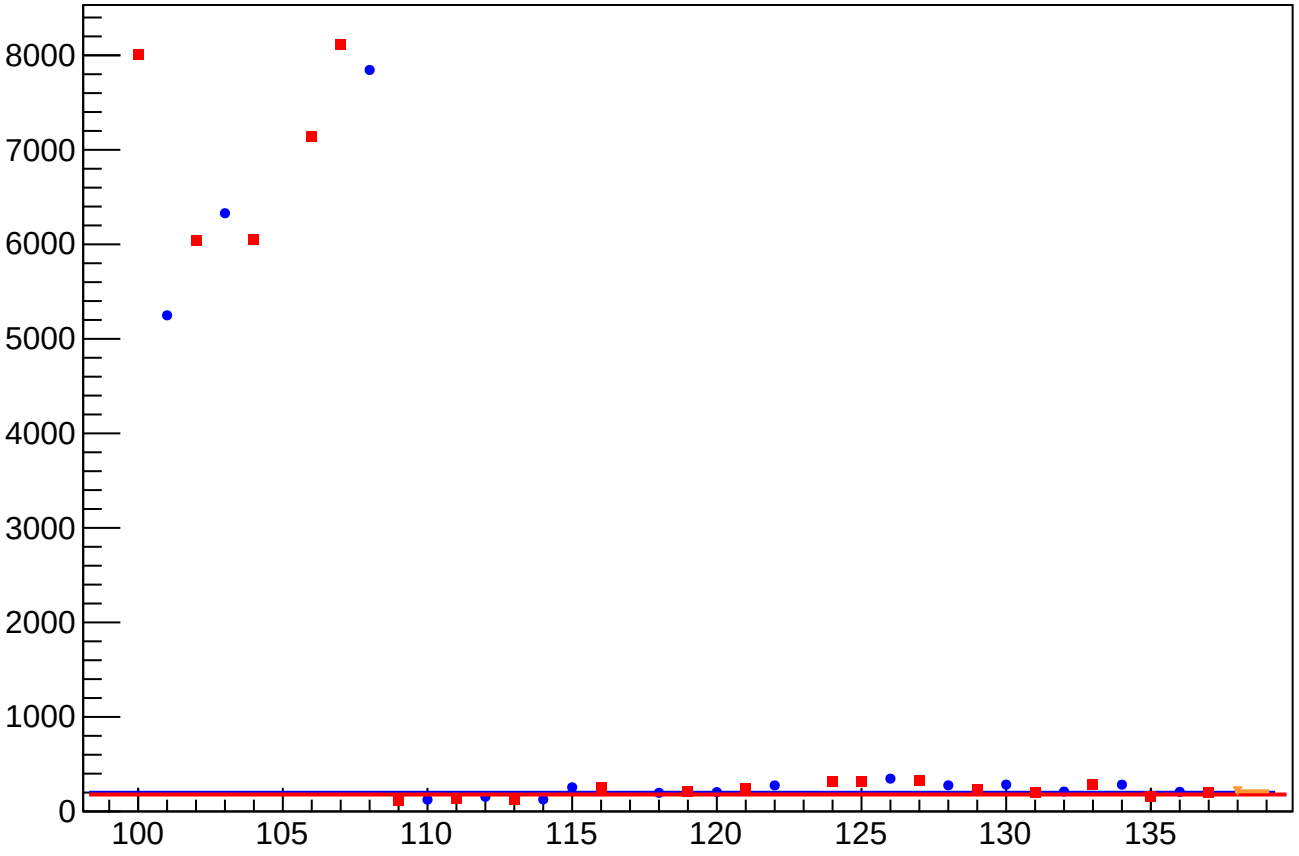
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.497+/-82.611 χ^2/NDF: 18.1/16

All: 61.622+/-58.056 χ^2/NDF: 33.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 197.620+/-0.062 χ^2/NDF: 3957192.6/15

Left Out: 213.173+/-0.172 χ^2/NDF:0.0/0

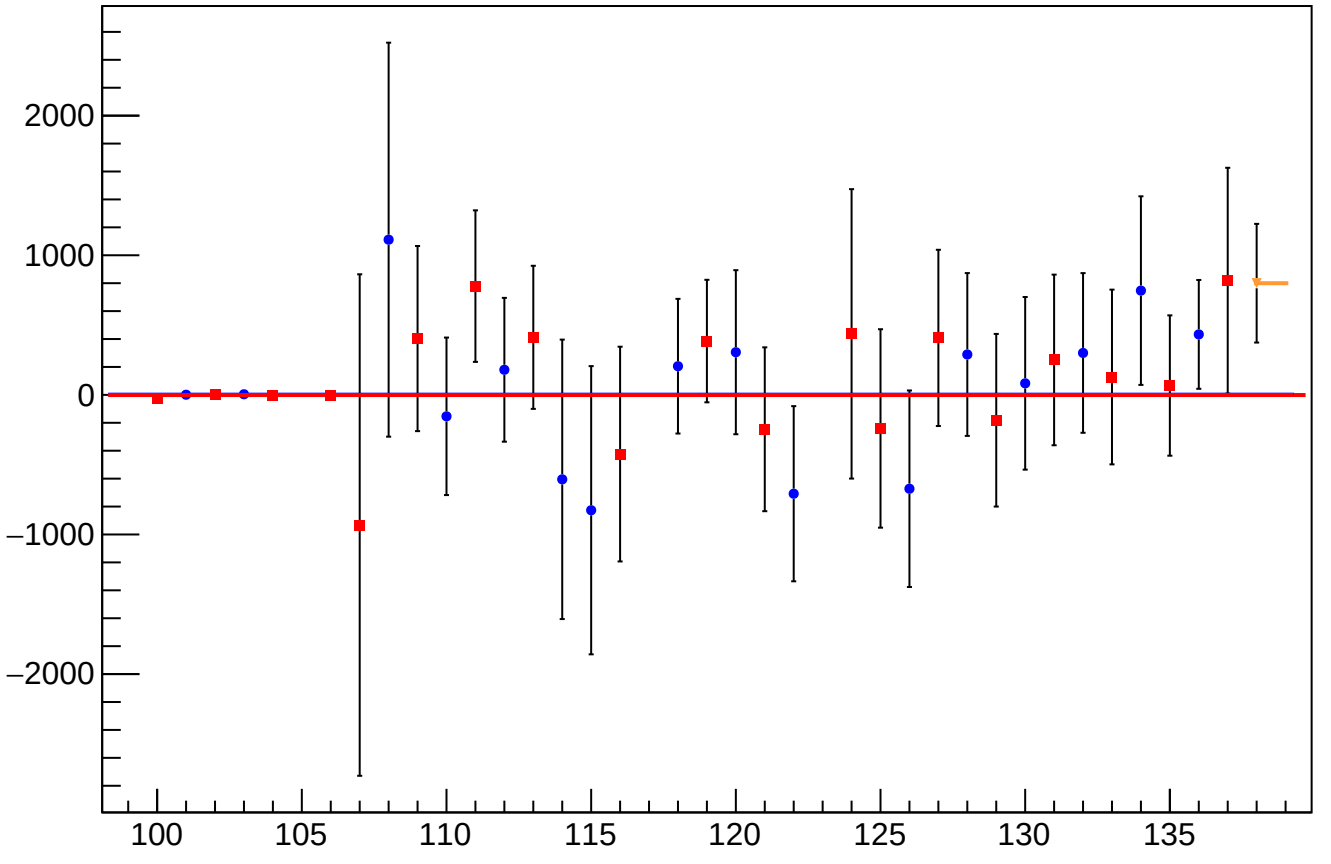
Right Out: 179.250+/-0.058 χ^2/NDF: 4418422.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 199.411+/-0.058 χ^2/NDF: 3964416.4/16

All: 189.207+/-0.041 χ^2/NDF: 8443128.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.456+/-1.660 χ^2/NDF: 7.9/15

Left Out: 799.850+/-425.078 χ^2/NDF:0.0/0

Right Out: -1.094+/-1.528 χ^2/NDF: 9.2/18

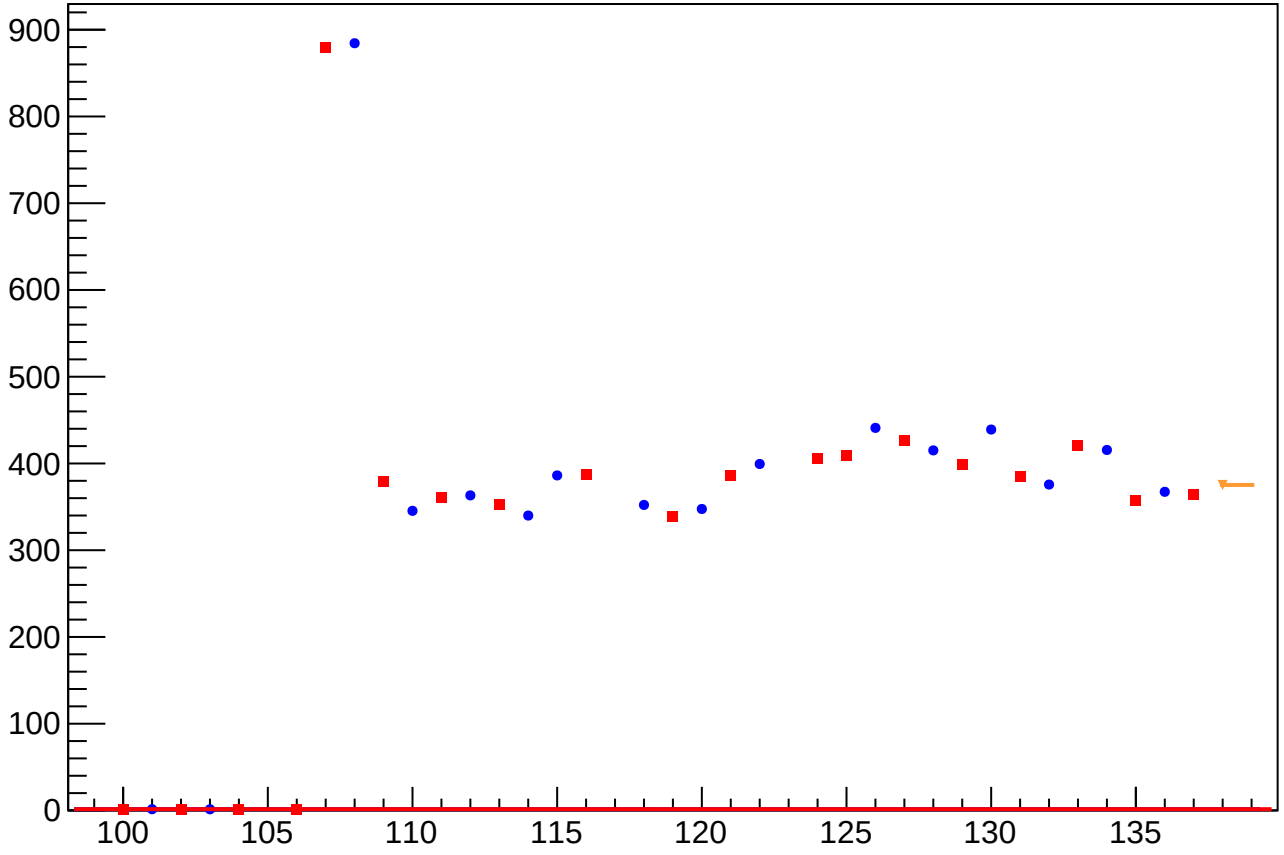
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.468+/-1.660 χ^2/NDF: 11.4/16

All: 0.081+/-1.124 χ^2/NDF: 21.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.470+/-0.001 χ^2/NDF: 11735334.0/15

Left Out: 375.227+/-0.301 χ^2/NDF:0.0/0

Right Out: 1.467+/-0.001 χ^2/NDF: 11270430.6/18

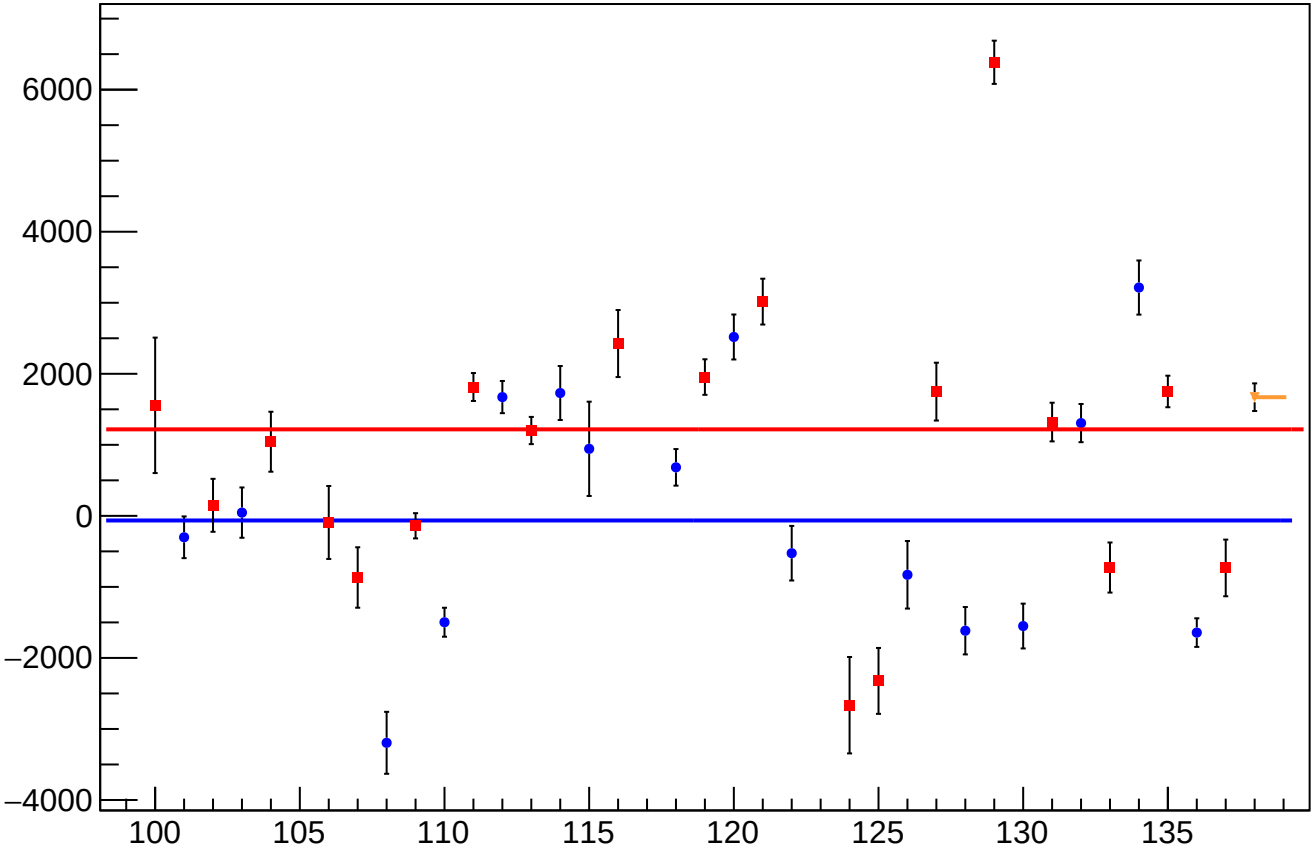
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.476+/-0.001 χ^2/NDF: 13281529.3/16

All: 1.471+/-0.001 χ^2/NDF: 24551989.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm0l02_mean vs Slug



Right In: -64.993+/-74.895 χ^2/NDF: 469.5/15

Left Out: 1670.475+/-194.593 χ^2/NDF:0.0/0

Right Out: 1217.846+/-69.022 χ^2/NDF: 594.6/18

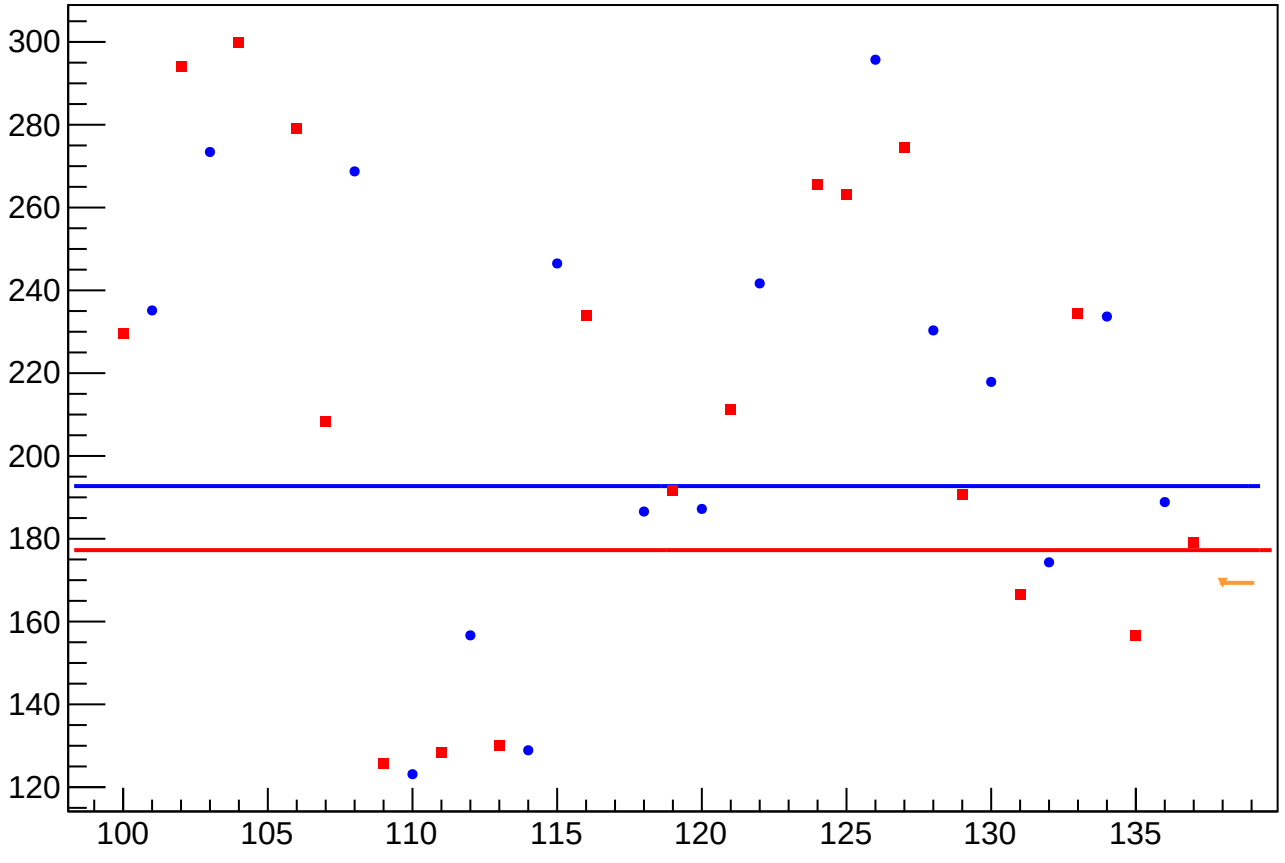
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 158.918+/-69.897 χ^2/NDF: 538.7/16

All: 695.048+/-49.112 χ^2/NDF: 1249.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 192.719+/-0.053 χ^2/NDF: 759146.3/15

Left Out: 169.352+/-0.138 χ^2/NDF:0.0/0

Right Out: 177.251+/-0.049 χ^2/NDF: 1226180.2/18

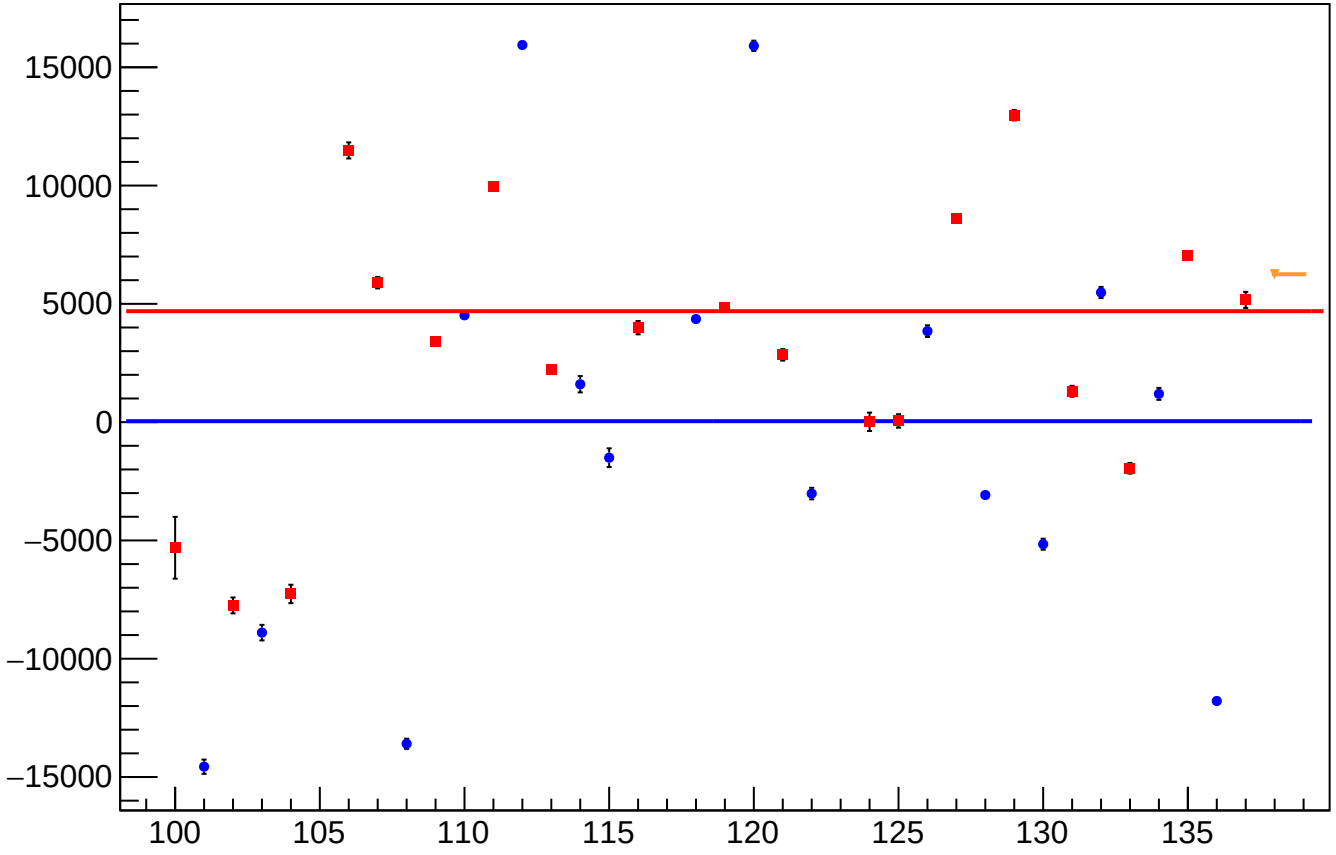
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 189.704+/-0.049 χ^2/NDF: 784263.8/16

All: 183.399+/-0.035 χ^2/NDF: 2042586.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 40.915+/-54.199 χ^2/NDF: 30786.3/15

Left Out: 6252.178+/-185.972 χ^2/NDF:0.0/0

Right Out: 4689.710+/-52.095 χ^2/NDF: 7795.7/18

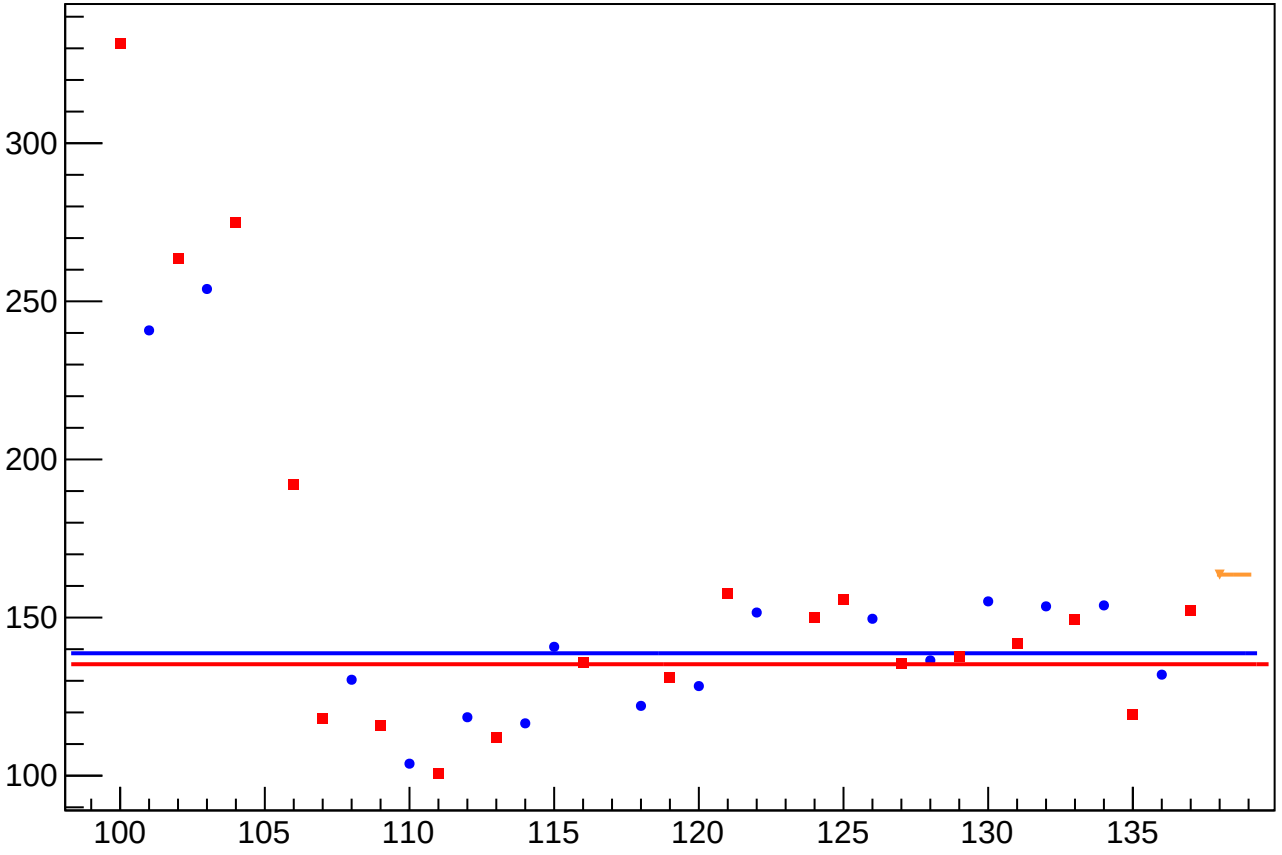
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 527.167+/-52.034 χ^2/NDF: 31814.5/16

All: 2605.996+/-36.815 χ^2/NDF: 42806.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 138.712+/-0.038 χ^2/NDF: 657791.3/15

Left Out: 163.586+/-0.132 χ^2/NDF:0.0/0

Right Out: 135.245+/-0.037 χ^2/NDF: 890024.8/18

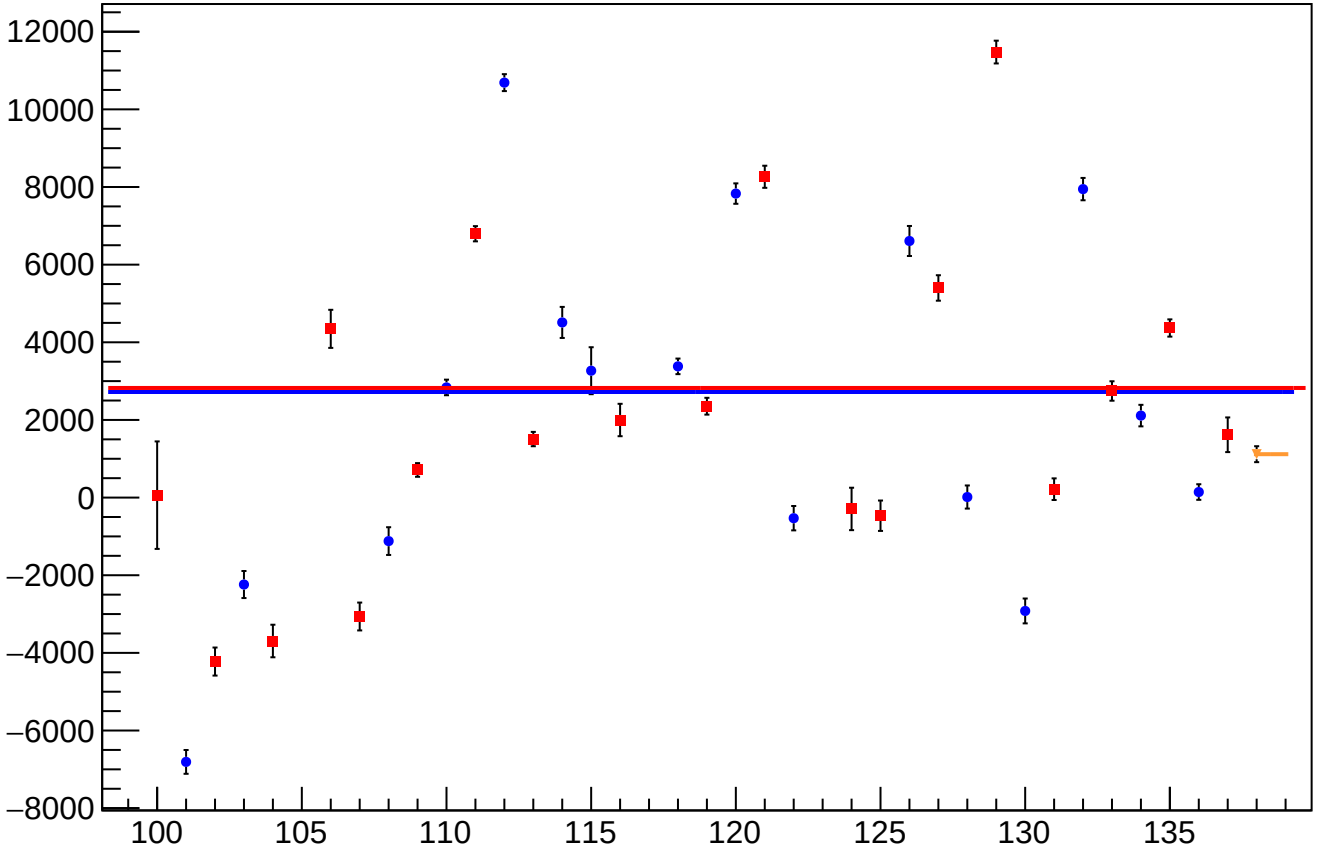
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 140.659+/-0.037 χ^2/NDF: 690769.0/16

All: 137.955+/-0.026 χ^2/NDF: 1591607.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 2719.896+/-69.247 χ^2/NDF: 4129.3/15

Left Out: 1117.922+/-205.408 χ^2/NDF:0.0/0

Right Out: 2823.679+/-64.850 χ^2/NDF: 3062.8/18

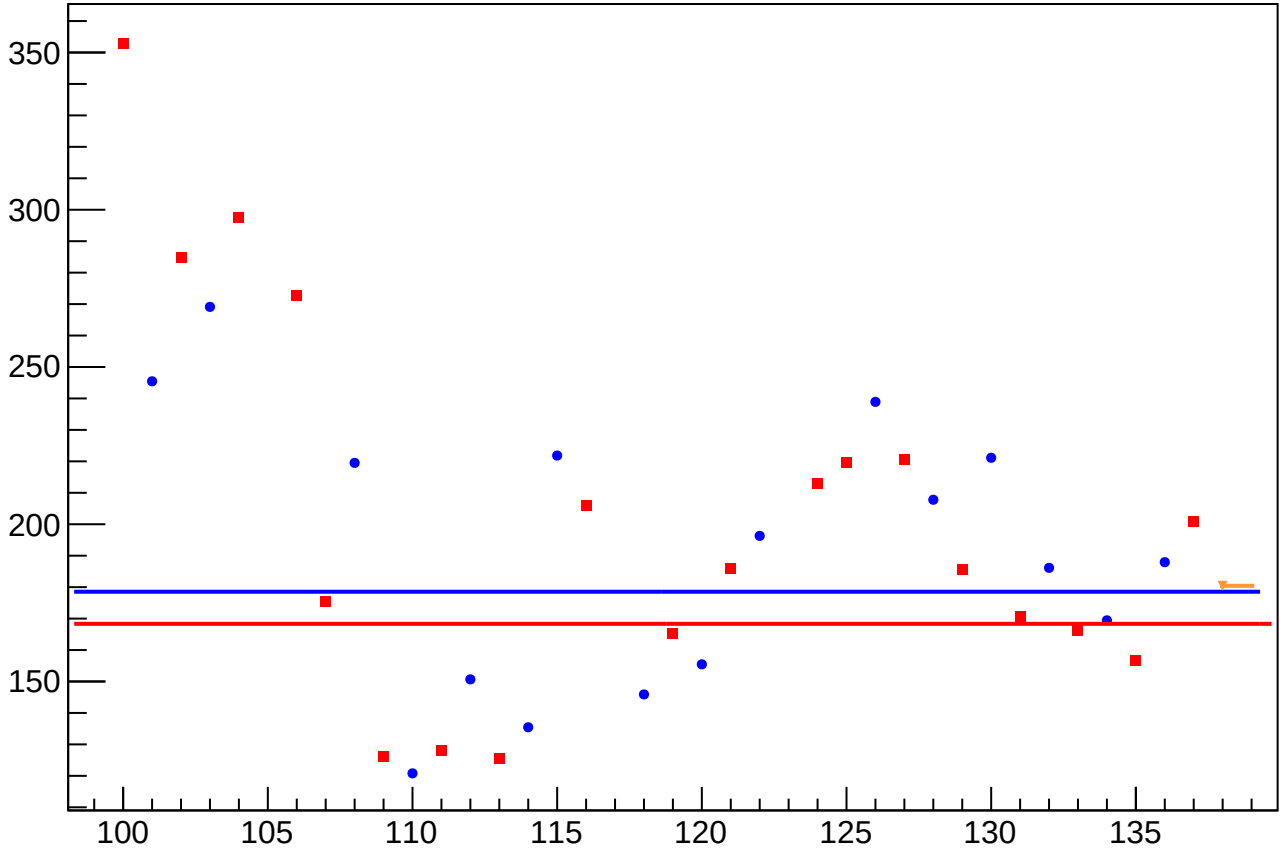
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 2556.412+/-65.618 χ^2/NDF: 4183.9/16

All: 2691.620+/-46.125 χ^2/NDF: 7255.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 178.541+/-0.049 χ^2/NDF: 674566.0/15

Left Out: 180.422+/-0.145 χ^2/NDF:0.0/0

Right Out: 168.335+/-0.046 χ^2/NDF: 979485.9/18

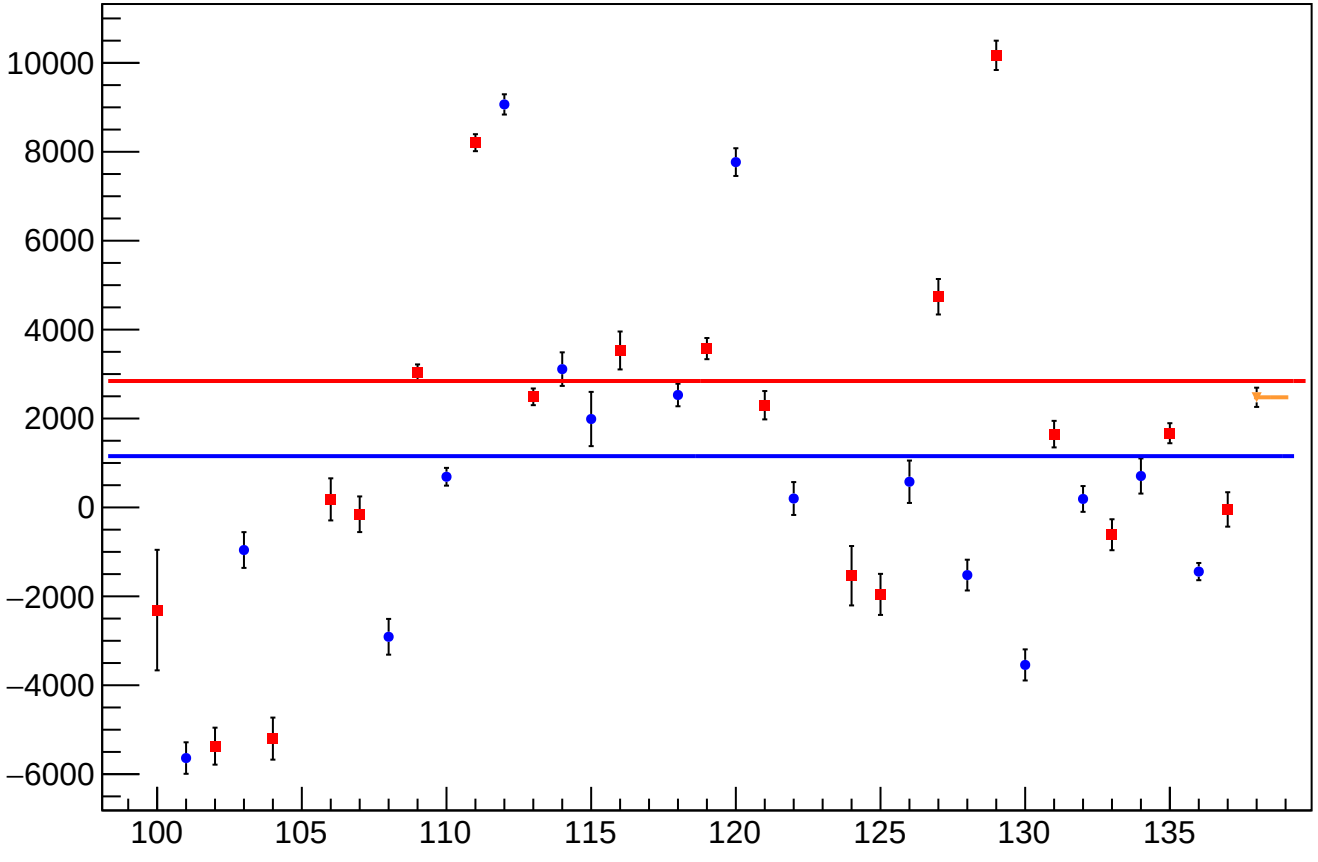
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 178.733+/-0.046 χ^2/NDF: 674716.6/16

All: 173.473+/-0.033 χ^2/NDF: 1679609.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 1153.823+/-75.957 χ^2/NDF: 2655.3/15

Left Out: 2477.455+/-216.347 χ^2/NDF:0.0/0

Right Out: 2843.895+/-69.139 χ^2/NDF: 2453.1/18

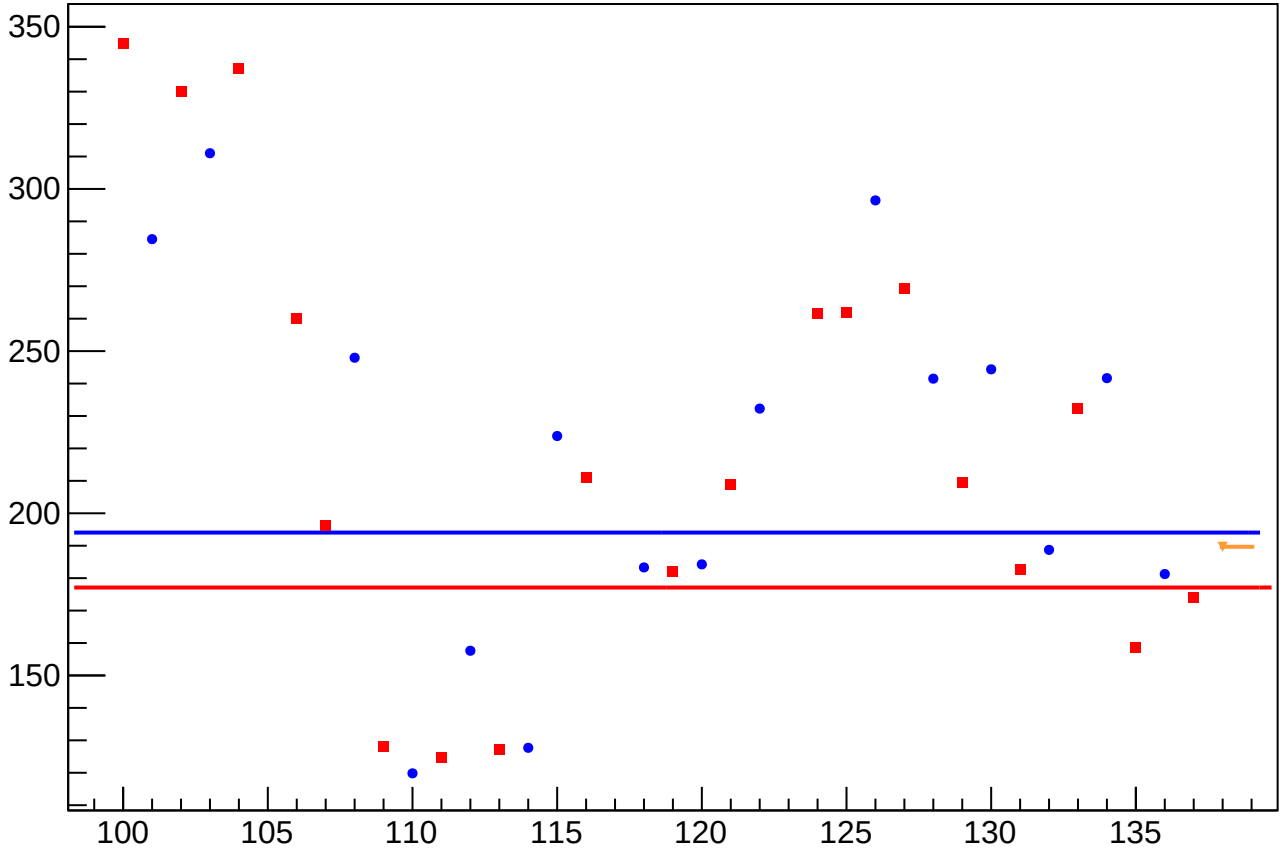
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1299.074+/-71.668 χ^2/NDF: 2688.7/16

All: 2099.223+/-49.759 χ^2/NDF: 5382.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 194.053+/-0.054 χ^2/NDF: 965786.1/15

Left Out: 189.672+/-0.153 χ^2/NDF:0.0/0

Right Out: 177.115+/-0.049 χ^2/NDF: 1359345.8/18

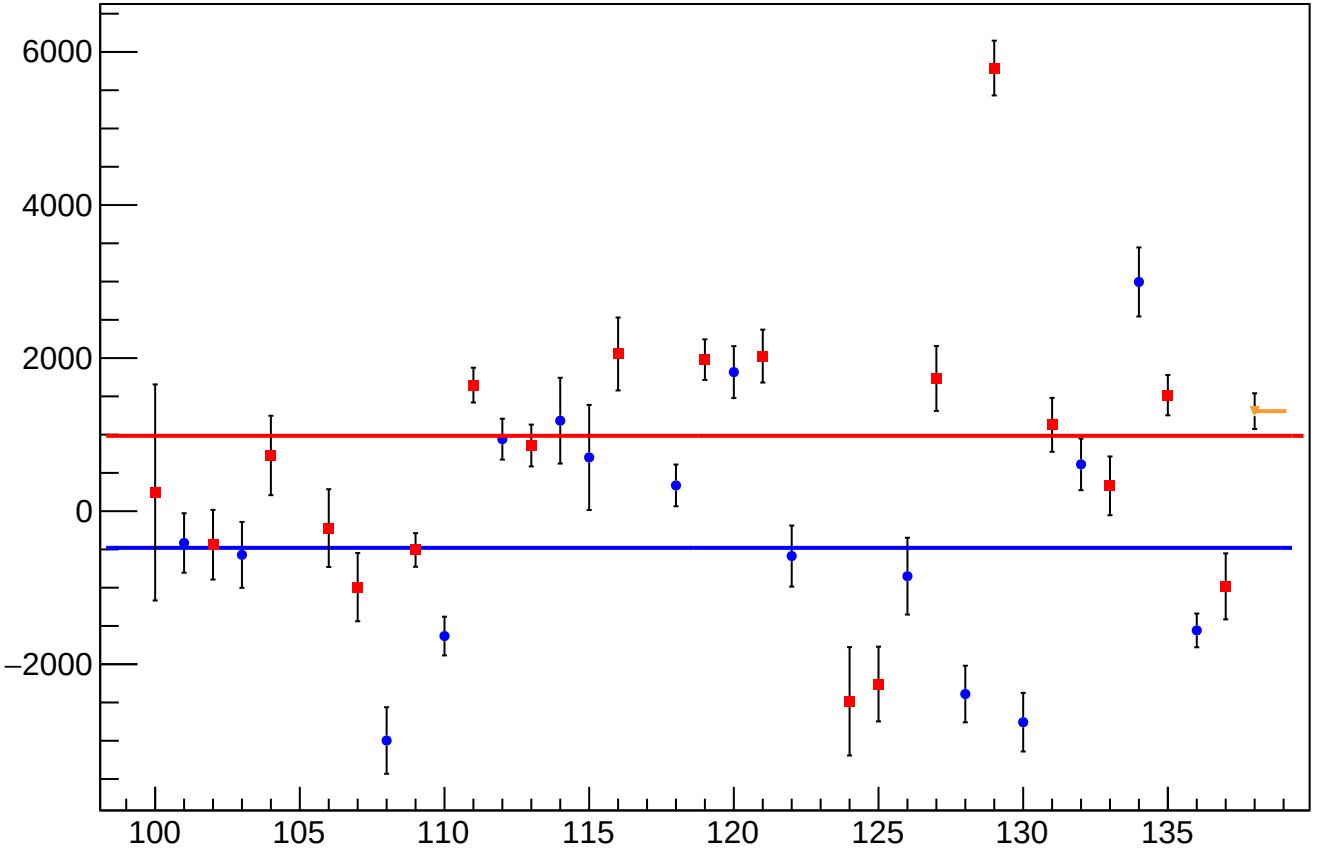
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 193.572+/-0.051 χ^2/NDF: 966516.1/16

All: 185.048+/-0.035 χ^2/NDF: 2380485.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -479.302+/-86.685 χ^2/NDF: 305.4/15

Left Out: 1307.275+/-233.095 χ^2/NDF:0.0/0

Right Out: 984.498+/-80.945 χ^2/NDF: 398.1/18

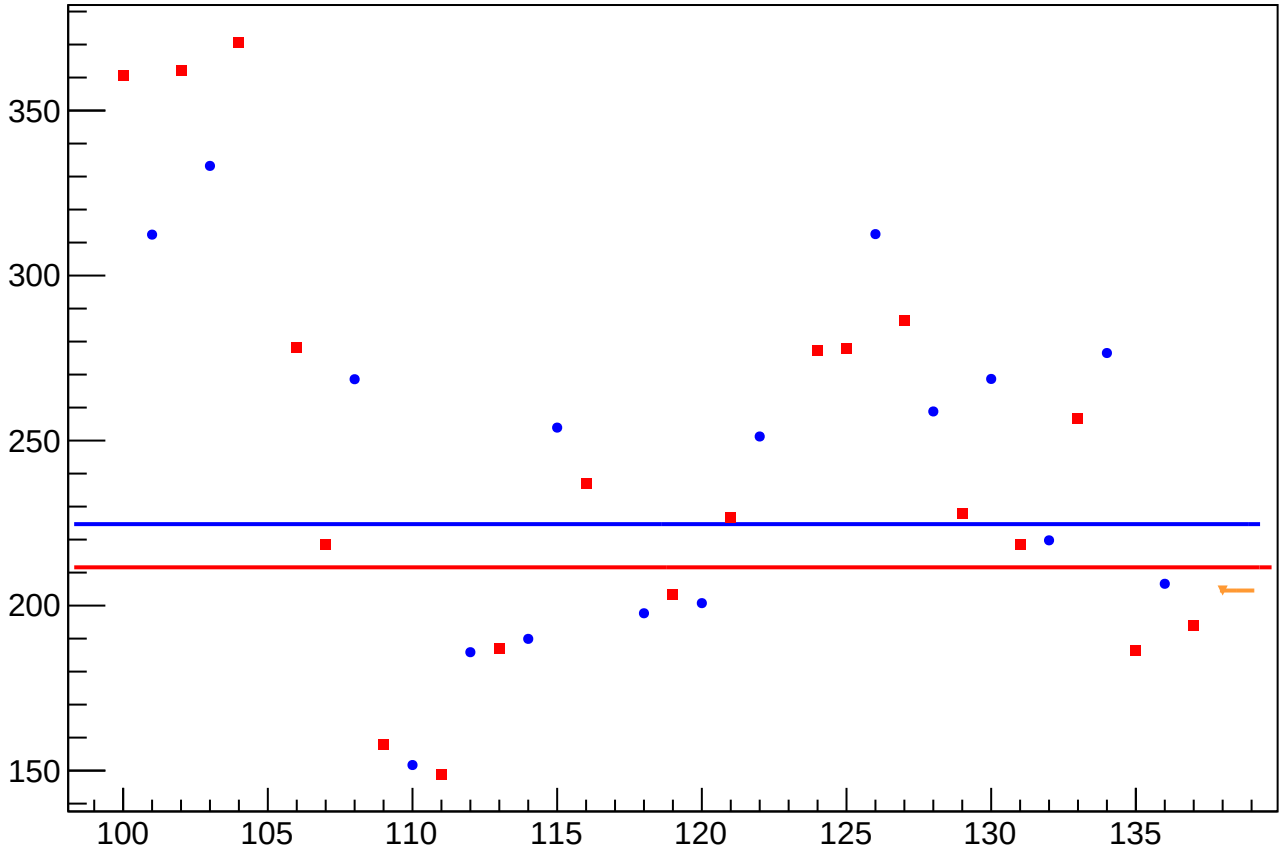
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -262.239+/-81.249 χ^2/NDF: 357.1/16

All: 363.460+/-57.344 χ^2/NDF: 873.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 224.683+/-0.061 χ^2/NDF: 653193.4/15

Left Out: 204.565+/-0.165 χ^2/NDF:0.0/0

Right Out: 211.595+/-0.057 χ^2/NDF: 932902.5/18

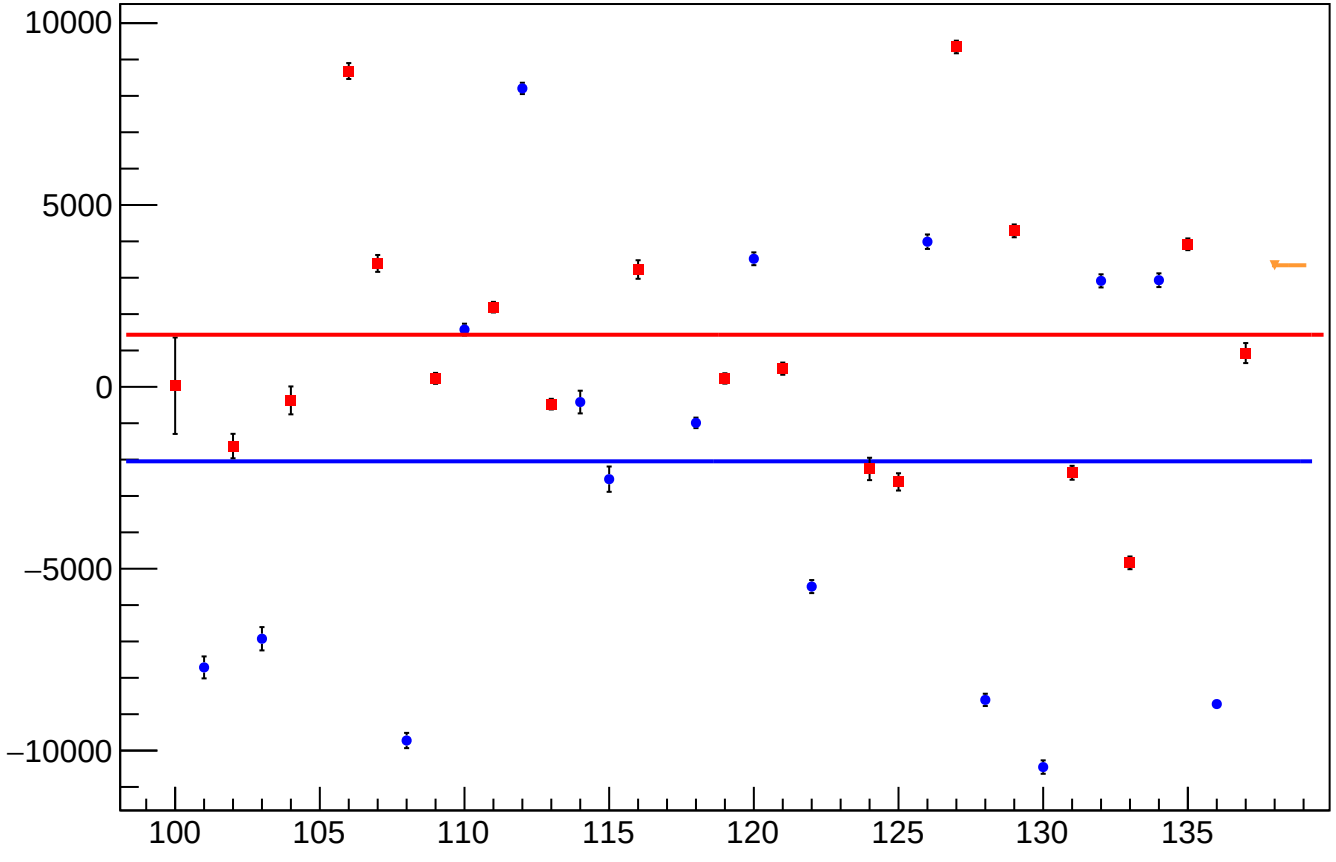
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 222.238+/-0.057 χ^2/NDF: 666280.7/16

All: 216.897+/-0.041 χ^2/NDF: 1616408.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -2047.267+/-46.722 χ^2/NDF: 16709.1/15

Left Out: 3343.195+/-127.533 χ^2/NDF:0.0/0

Right Out: 1432.909+/-44.729 χ^2/NDF: 6387.8/18

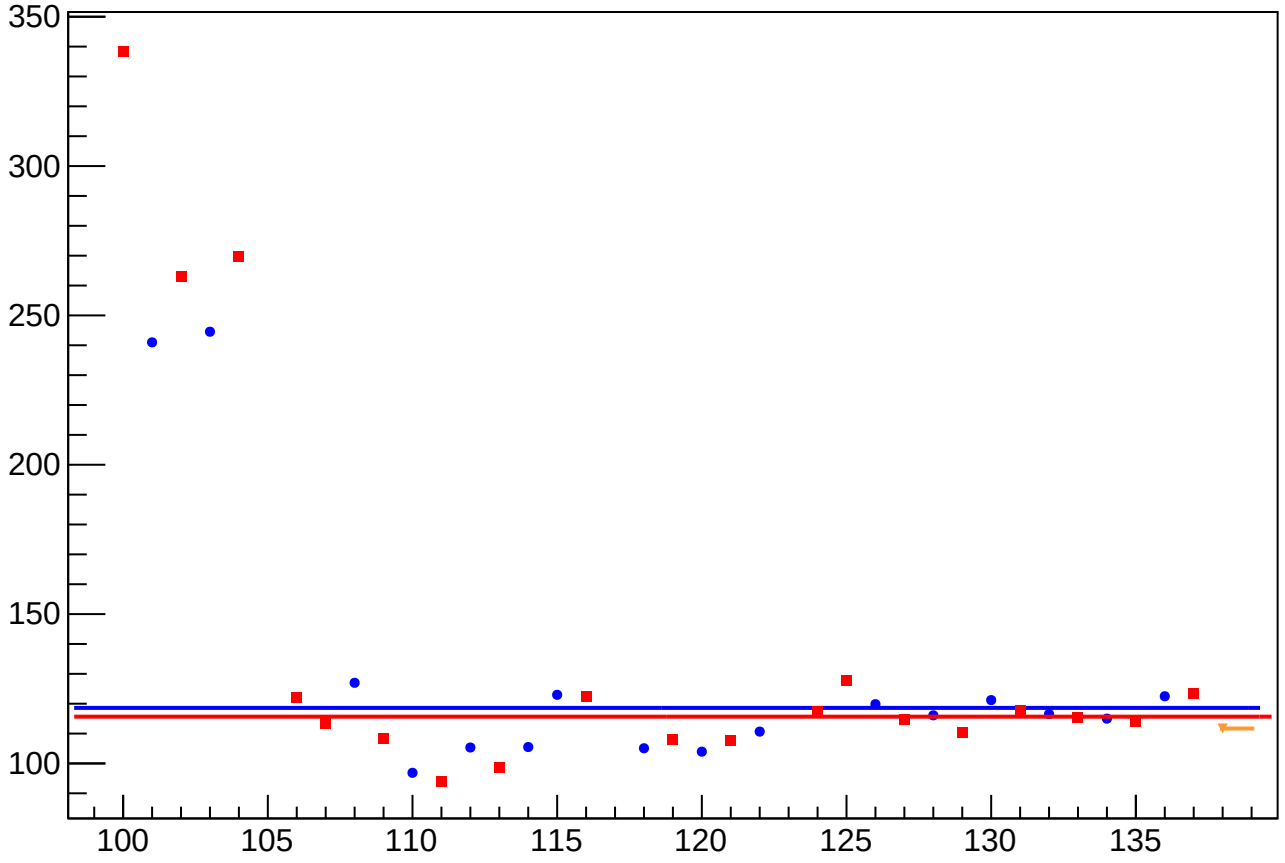
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1409.406+/-43.870 χ^2/NDF: 18284.3/16

All: -15.787+/-31.320 χ^2/NDF: 26730.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.596+/-0.033 χ^2/NDF: 734158.7/15

Left Out: 111.696+/-0.090 χ^2/NDF:0.0/0

Right Out: 115.660+/-0.032 χ^2/NDF: 864206.3/18

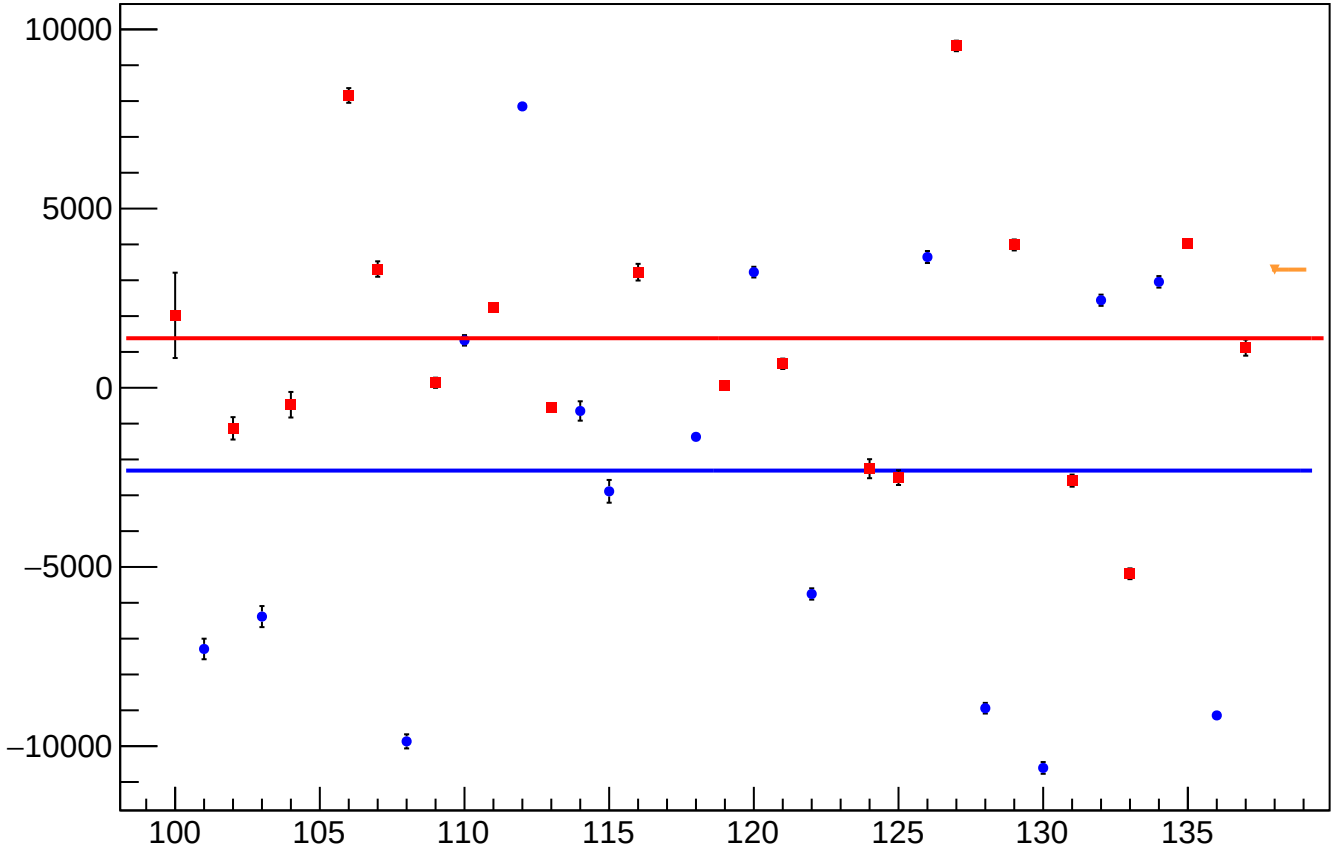
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 117.779+/-0.031 χ^2/NDF: 739320.8/16

All: 116.740+/-0.022 χ^2/NDF: 1605816.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -2310.581+/-40.734 χ^2/NDF: 21679.5/15

Left Out: 3297.528+/-117.006 χ^2/NDF:0.0/0

Right Out: 1382.178+/-39.342 χ^2/NDF: 8578.9/18

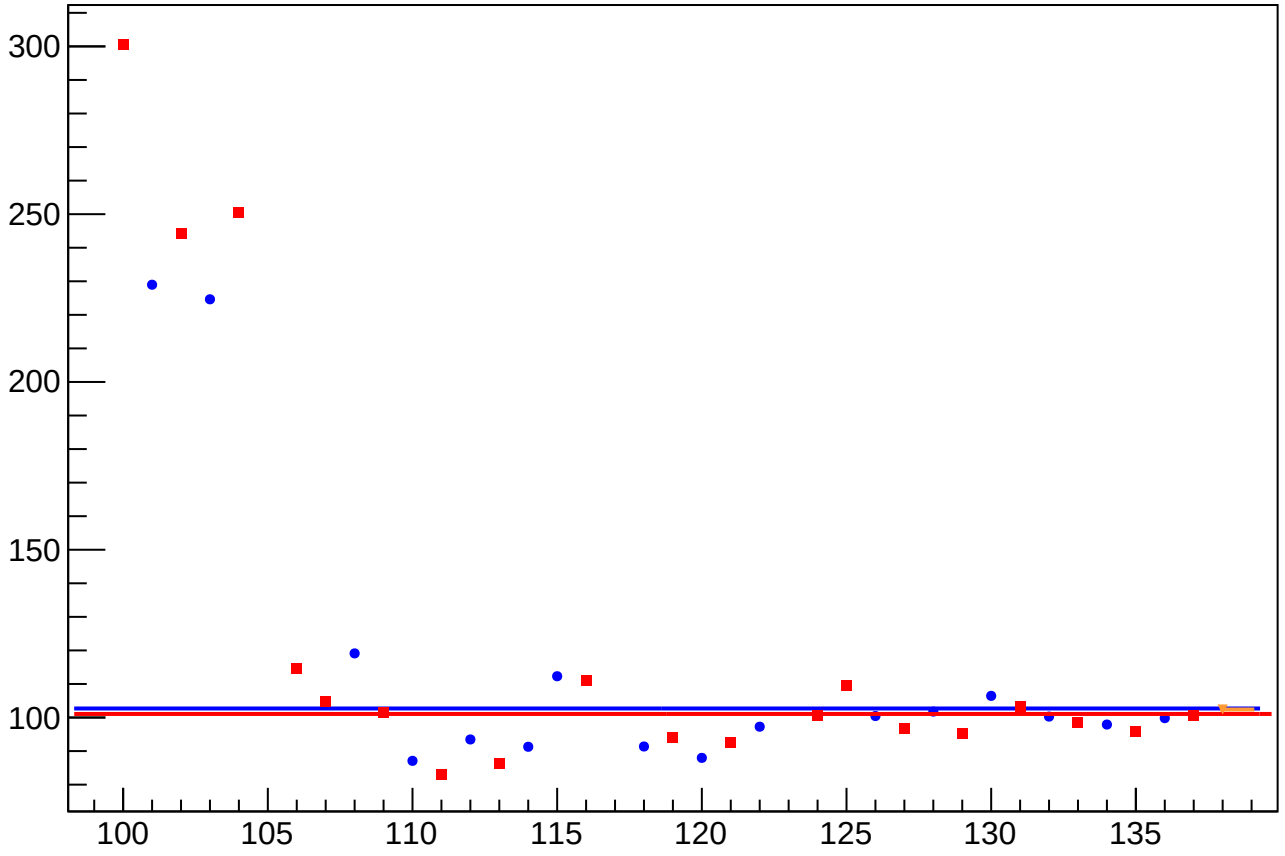
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1704.349+/-38.470 χ^2/NDF: 23728.4/16

All: -195.671+/-27.505 χ^2/NDF: 35453.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 102.694+/-0.029 χ^2/NDF: 825801.5/15

Left Out: 102.393+/-0.083 χ^2/NDF:0.0/0

Right Out: 101.063+/-0.028 χ^2/NDF: 930458.1/18

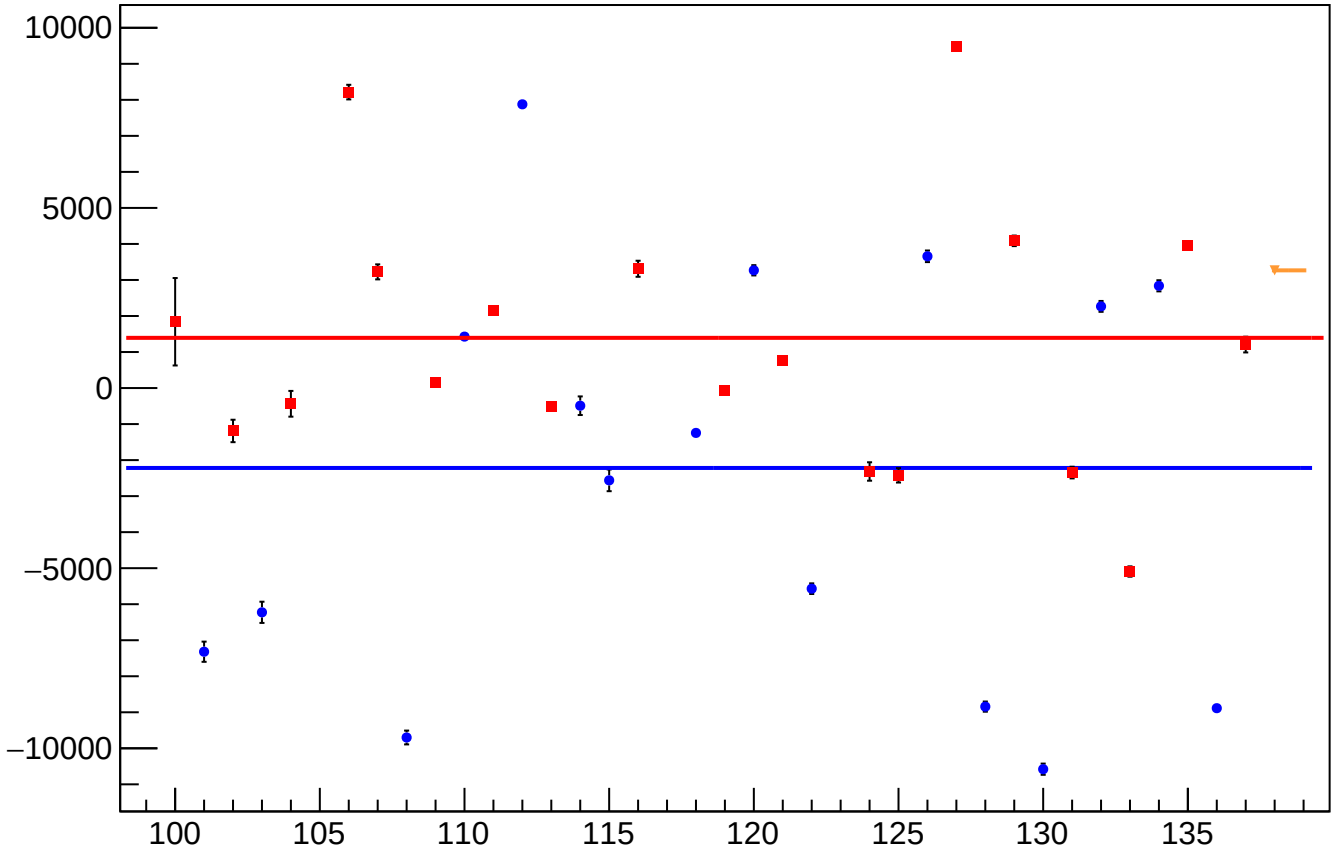
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 102.661+/-0.027 χ^2/NDF: 825813.3/16

All: 101.880+/-0.019 χ^2/NDF: 1757958.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: -2218.049+/-39.039 χ^2/NDF: 23040.7/15

Left Out: 3266.892+/-112.603 χ^2/NDF:0.0/0

Right Out: 1393.557+/-37.580 χ^2/NDF: 9152.1/18

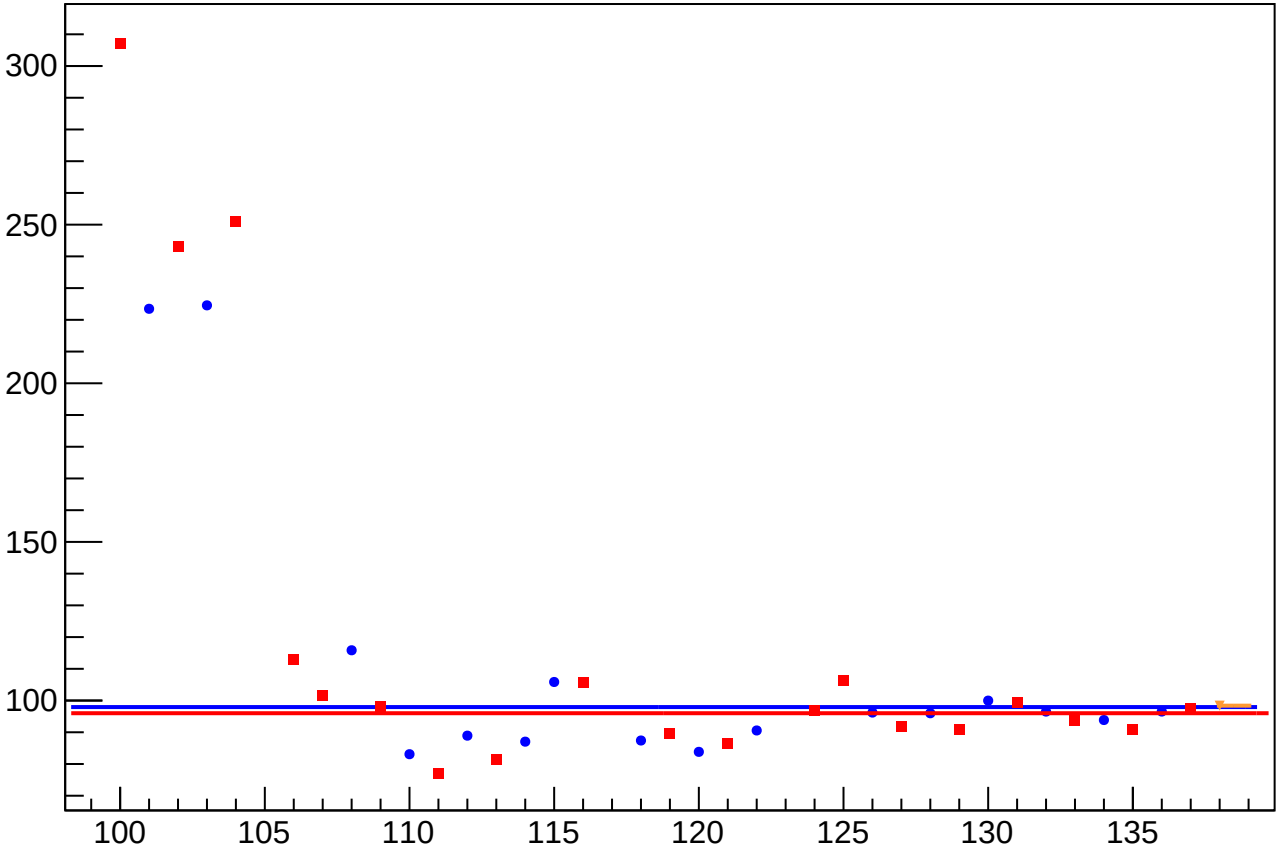
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1629.513+/-36.885 χ^2/NDF: 25158.8/16

All: -146.183+/-26.324 χ^2/NDF: 37606.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm2i02WS_rms vs Slug



Right In: 97.944+/-0.028 χ^2/NDF: 868148.4/15

Left Out: 98.386+/-0.080 χ^2/NDF:0.0/0

Right Out: 96.005+/-0.027 χ^2/NDF: 1012287.0/18

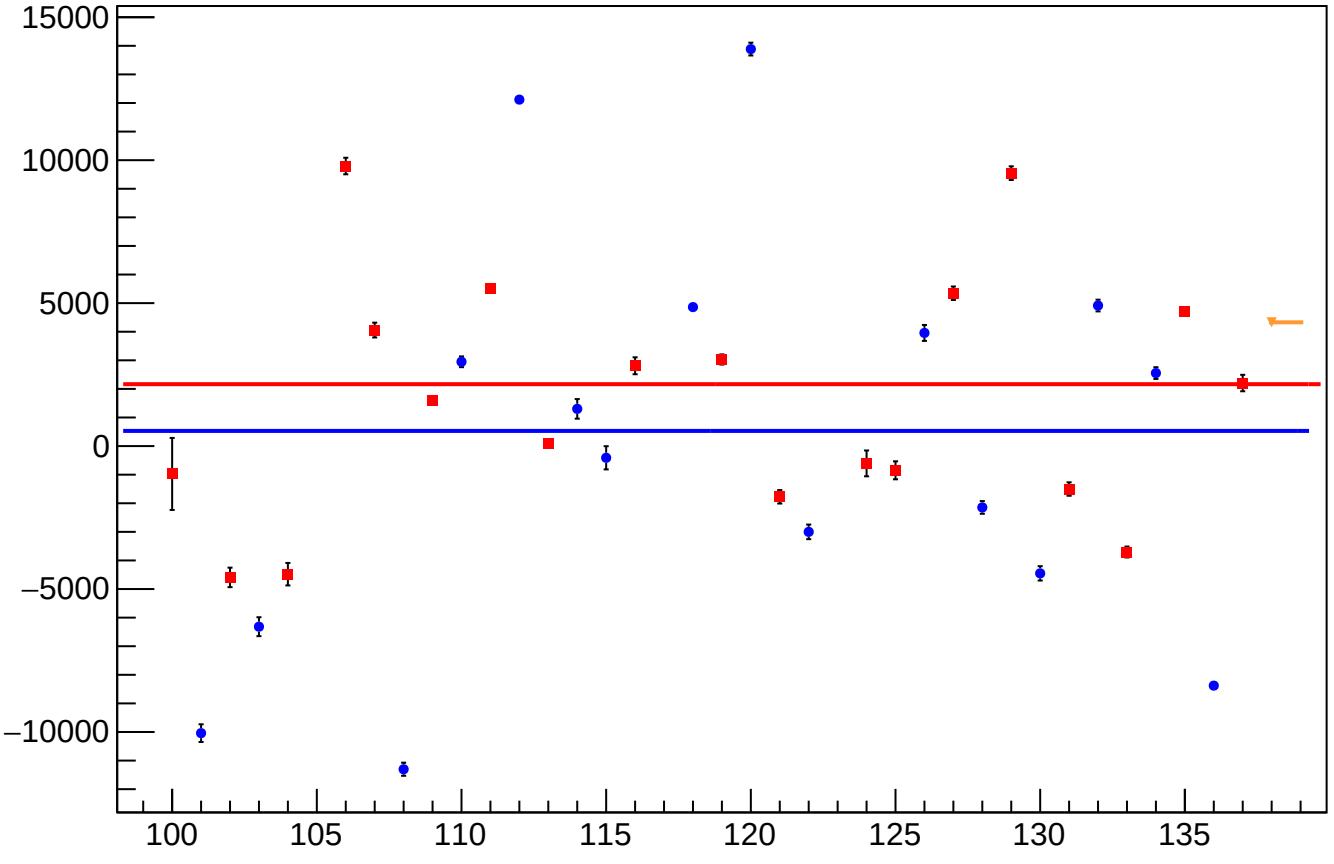
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 97.991+/-0.026 χ^2/NDF: 868175.9/16

All: 97.016+/-0.019 χ^2/NDF: 1883308.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 530.568+/-54.855 χ^2/NDF: 18587.6/15

Left Out: 4328.796+/-155.934 χ^2/NDF:0.0/0

Right Out: 2164.994+/-53.458 χ^2/NDF: 4967.1/18

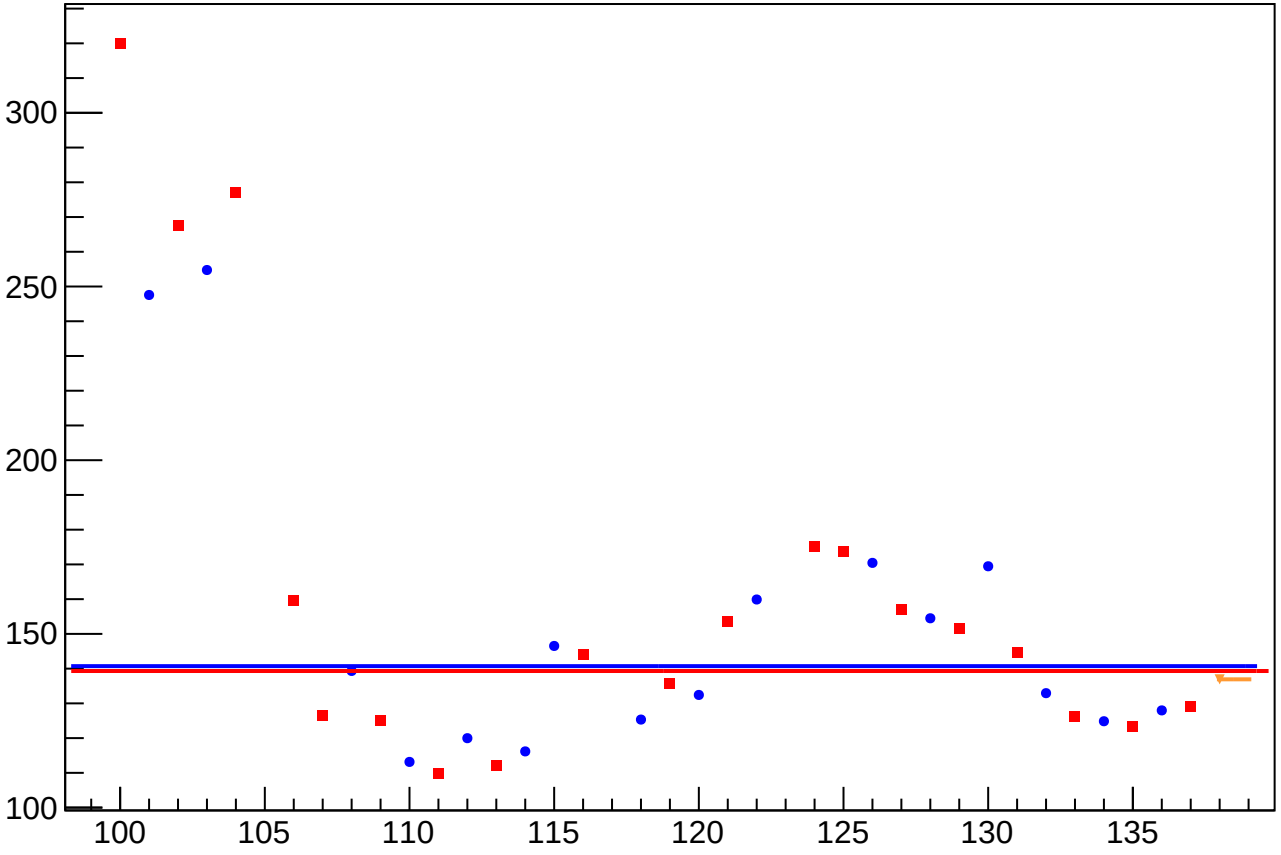
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 948.841+/-51.746 χ^2/NDF: 19115.6/16

All: 1537.134+/-37.181 χ^2/NDF: 24349.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 140.715+/-0.039 χ^2/NDF: 675618.7/15

Left Out: 136.920+/-0.110 χ^2/NDF:0.0/0

Right Out: 139.317+/-0.038 χ^2/NDF: 802317.0/18

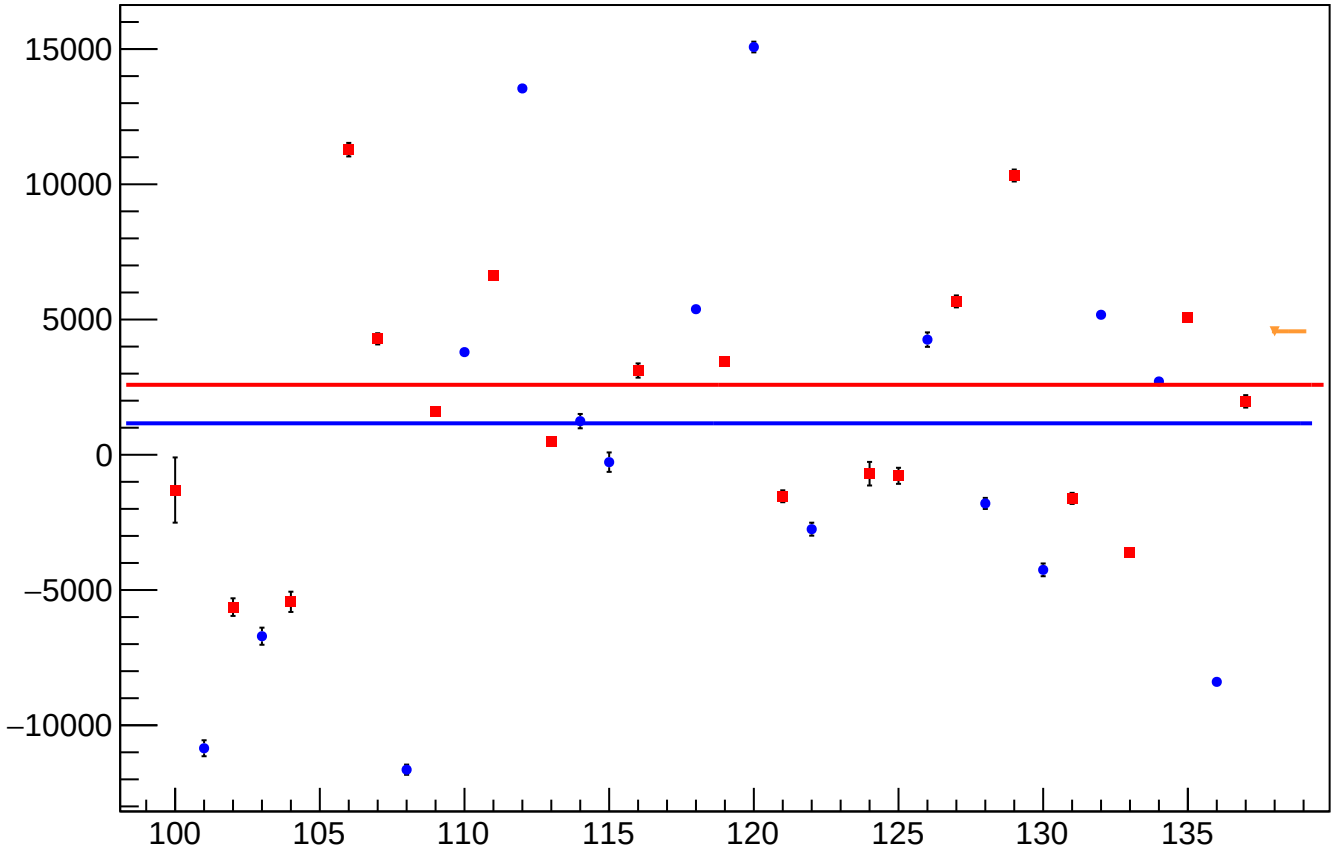
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 140.297+/-0.037 χ^2/NDF: 676672.7/16

All: 139.823+/-0.026 χ^2/NDF: 1479336.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: 1162.980+/-45.930 χ^2/NDF: 30754.3/15

Left Out: 4564.215+/-134.438 χ^2/NDF:0.0/0

Right Out: 2586.755+/-44.256 χ^2/NDF: 8099.7/18

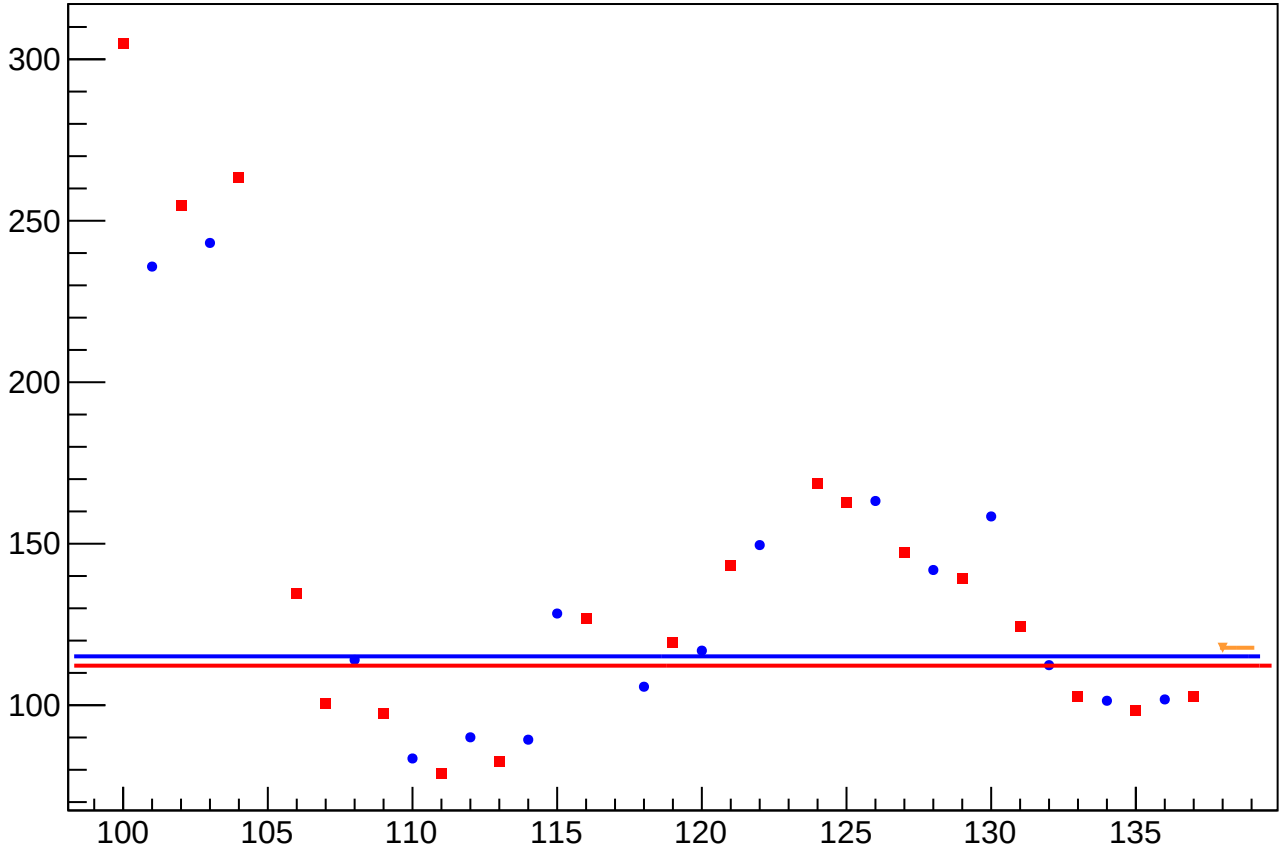
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1518.484+/-43.464 χ^2/NDF: 31327.5/16

All: 2042.965+/-31.010 χ^2/NDF: 39723.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 115.125+/-0.032 χ^2/NDF: 1112987.2/15

Left Out: 117.788+/-0.095 χ^2/NDF:0.0/0

Right Out: 112.241+/-0.031 χ^2/NDF: 1328156.6/18

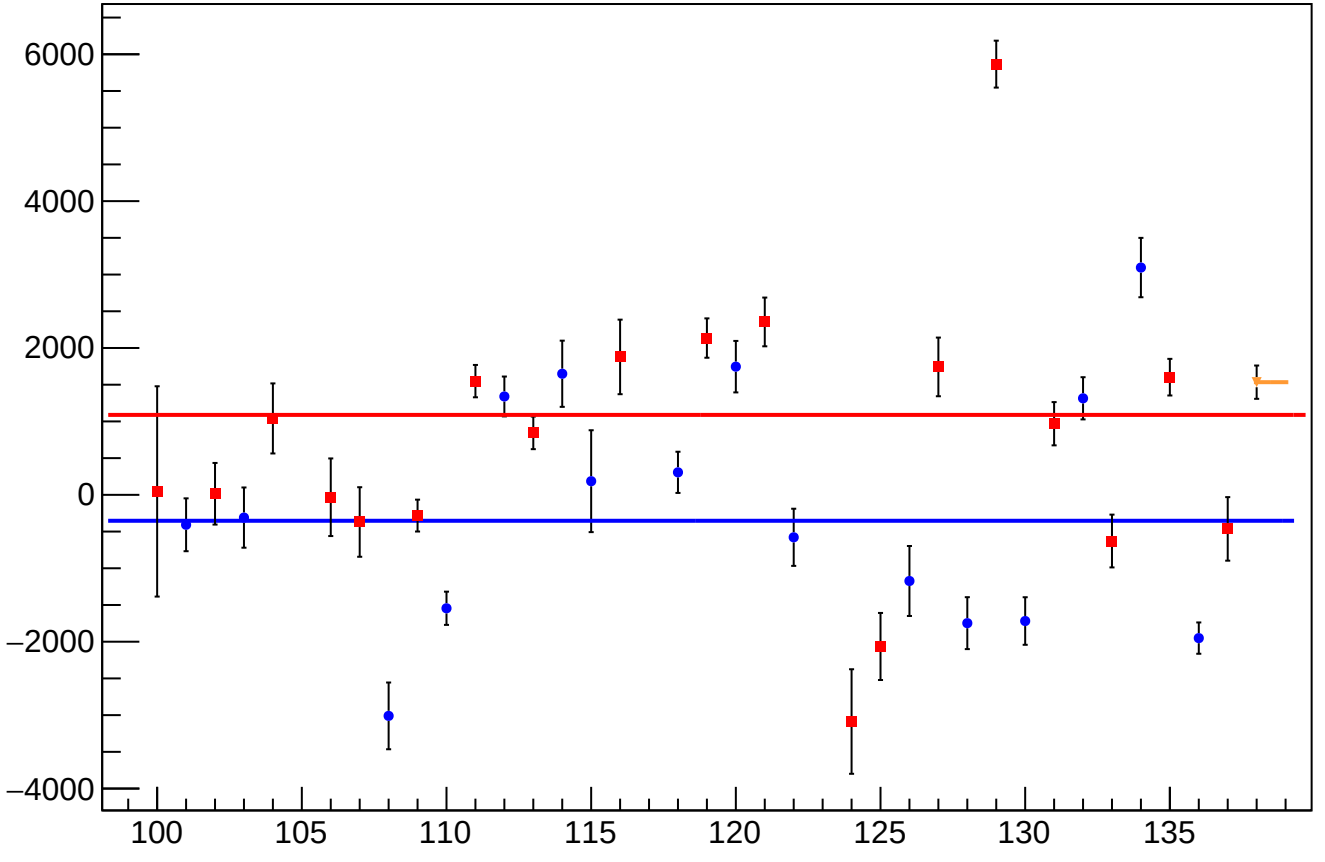
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 115.404+/-0.031 χ^2/NDF: 1113689.6/16

All: 113.851+/-0.022 χ^2/NDF: 2447044.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -353.129+/-82.136 χ^2/NDF: 361.8/15

Left Out: 1534.399+/-226.787 χ^2/NDF:0.0/0

Right Out: 1088.752+/-76.444 χ^2/NDF: 447.2/18

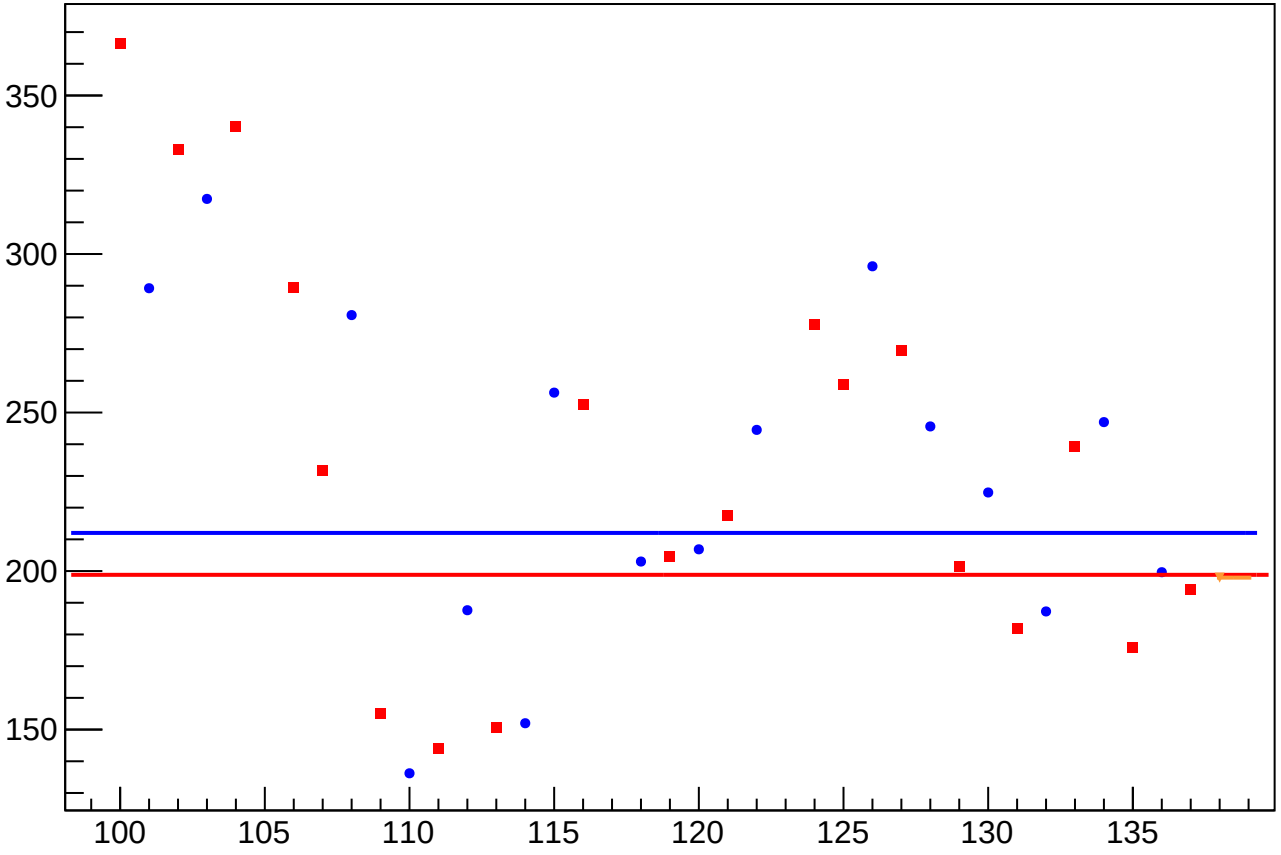
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -134.254+/-77.227 χ^2/NDF: 423.1/16

All: 483.481+/-54.329 χ^2/NDF: 996.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 212.027+/-0.058 χ^2/NDF: 690358.0/15

Left Out: 197.920+/-0.160 χ^2/NDF:0.0/0

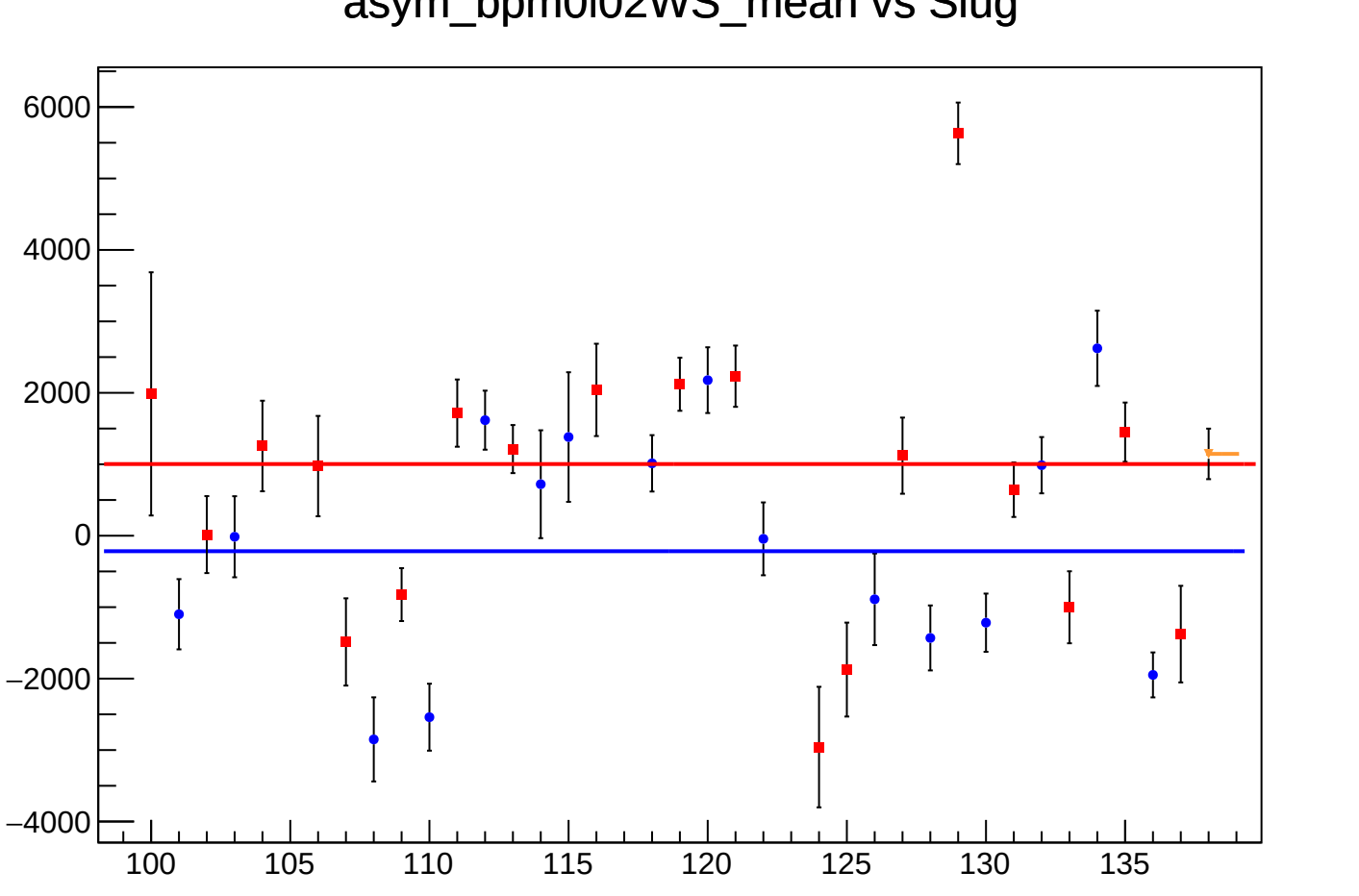
Right Out: 198.809+/-0.054 χ^2/NDF: 974928.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 210.392+/-0.055 χ^2/NDF: 697199.4/16

All: 204.541+/-0.038 χ^2/NDF: 1694850.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -216.948+/-117.887 χ^2/NDF: 192.2/15

Left Out: 1145.113+/-353.562 χ^2/NDF:0.0/0

Right Out: 1003.049+/-113.111 χ^2/NDF: 254.3/18

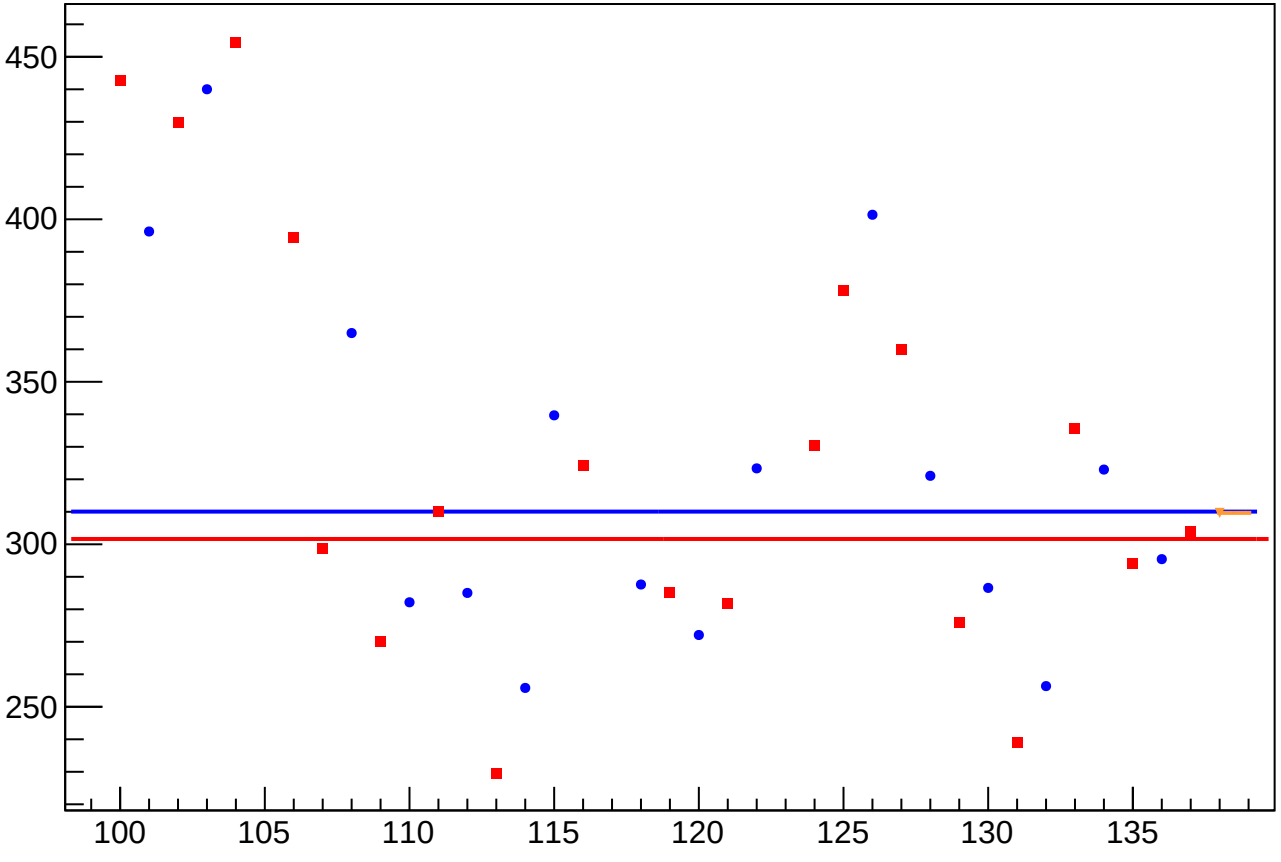
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -80.673+/-111.834 χ^2/NDF: 205.5/16

All: 455.040+/-79.526 χ^2/NDF: 506.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 310.062+/-0.083 χ^2/NDF: 323283.5/15

Left Out: 309.667+/-0.250 χ^2/NDF:0.0/0

Right Out: 301.637+/-0.080 χ^2/NDF: 519888.9/18

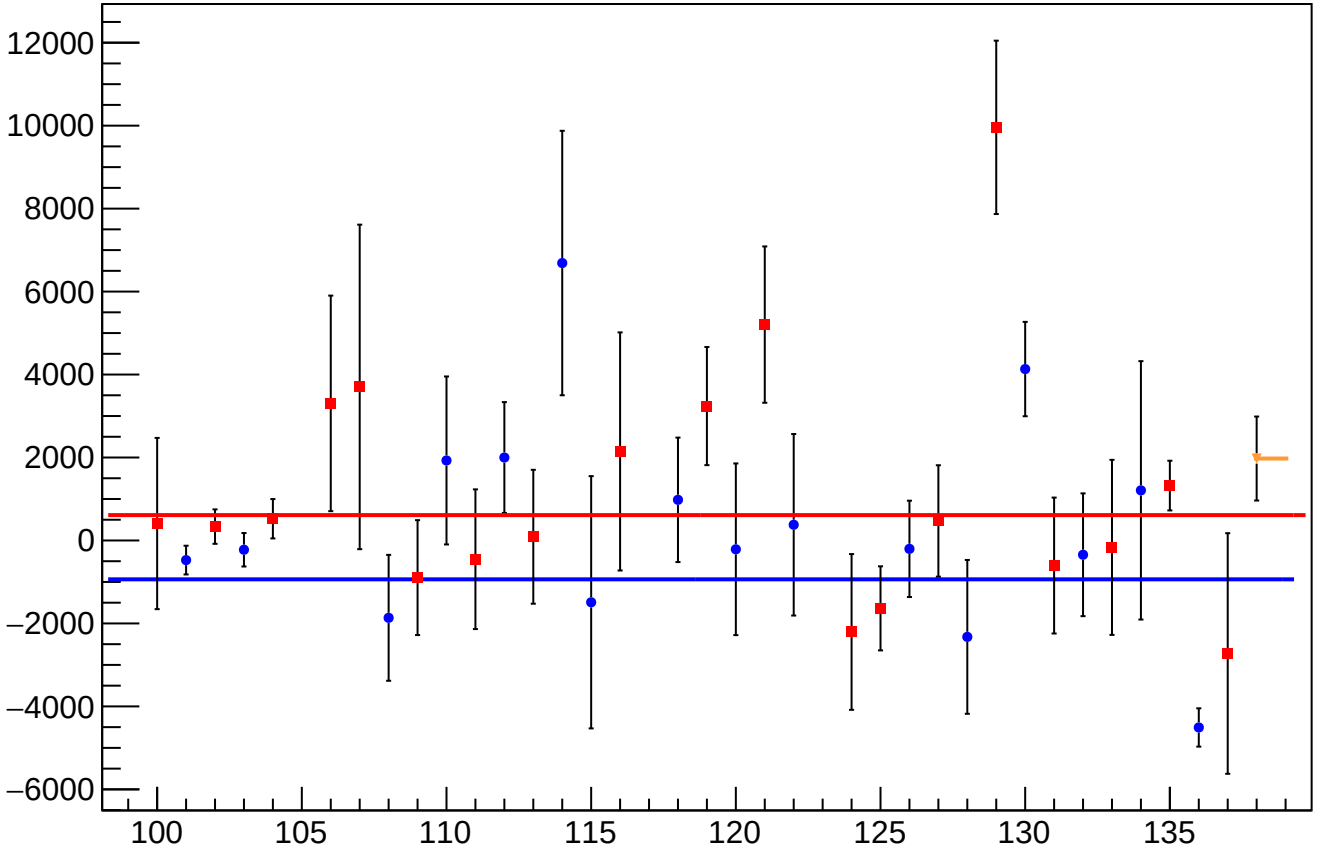
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 310.022+/-0.079 χ^2/NDF: 323285.7/16

All: 305.877+/-0.056 χ^2/NDF: 848732.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -936.949+/-204.717 χ^2/NDF: 101.2/15

Left Out: 1975.430+/-1012.250 χ^2/NDF:0.0/0

Right Out: 611.668+/-233.144 χ^2/NDF: 44.1/18

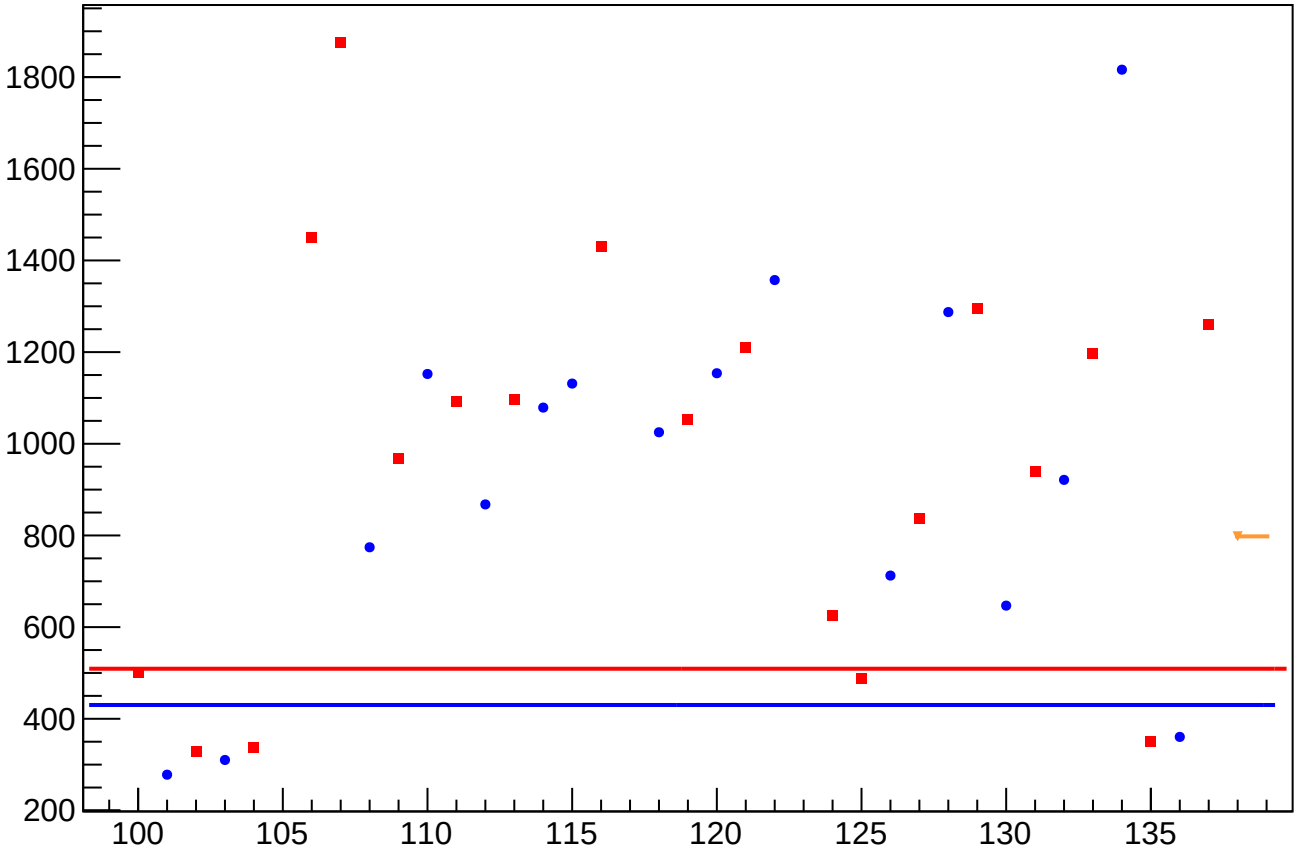
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -822.512+/-200.654 χ^2/NDF: 109.1/16

All: -212.237+/-152.085 χ^2/NDF: 175.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 430.110+/-0.145 χ^2/NDF: 3521861.8/15

Left Out: 798.012+/-0.716 χ^2/NDF:0.0/0

Right Out: 509.236+/-0.165 χ^2/NDF: 3673425.8/18

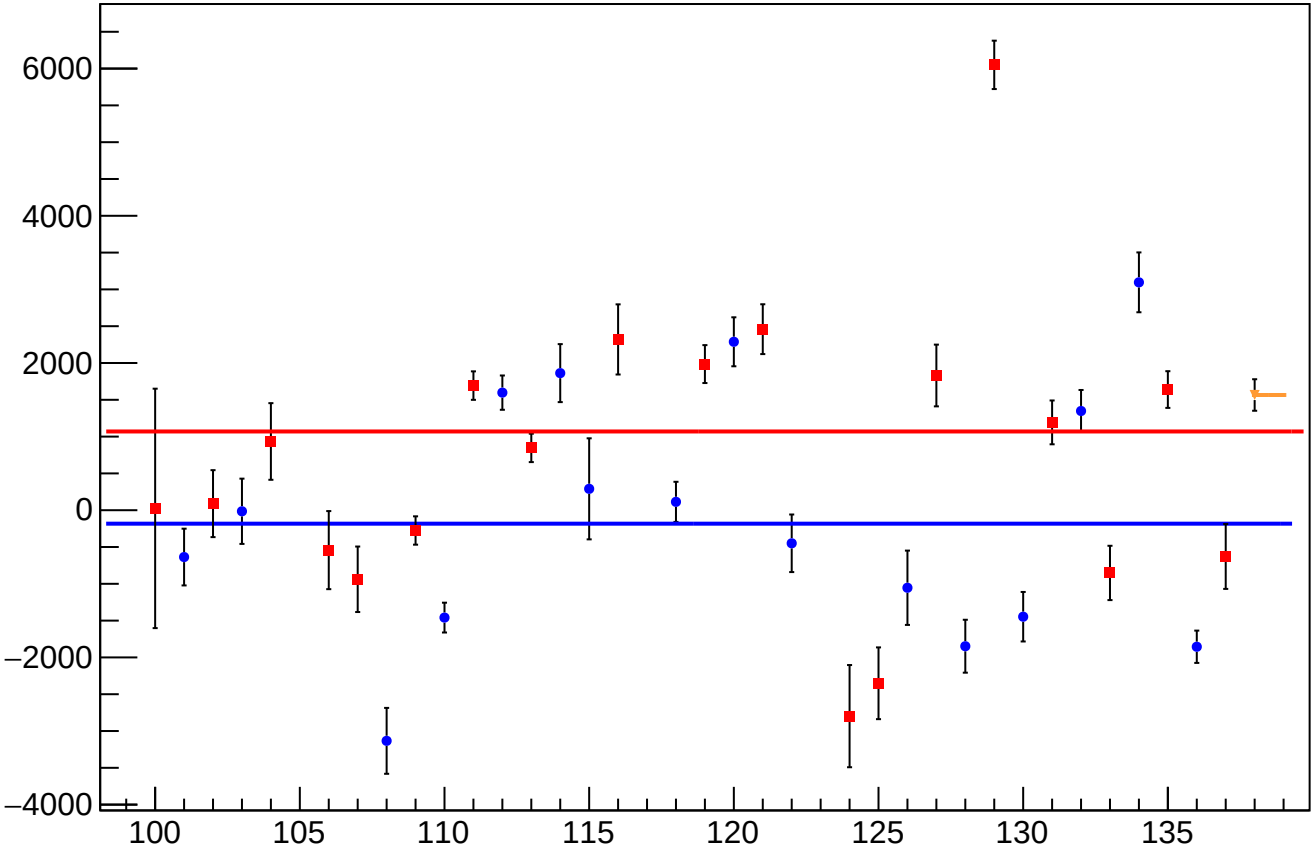
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 444.566+/-0.142 χ^2/NDF: 3775671.8/16

All: 472.085+/-0.108 χ^2/NDF: 7537497.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: -183.020+/-79.863 χ^2/NDF: 417.7/15

Left Out: 1565.302+/-214.110 χ^2/NDF:0.0/0

Right Out: 1069.729+/-73.060 χ^2/NDF: 492.3/18

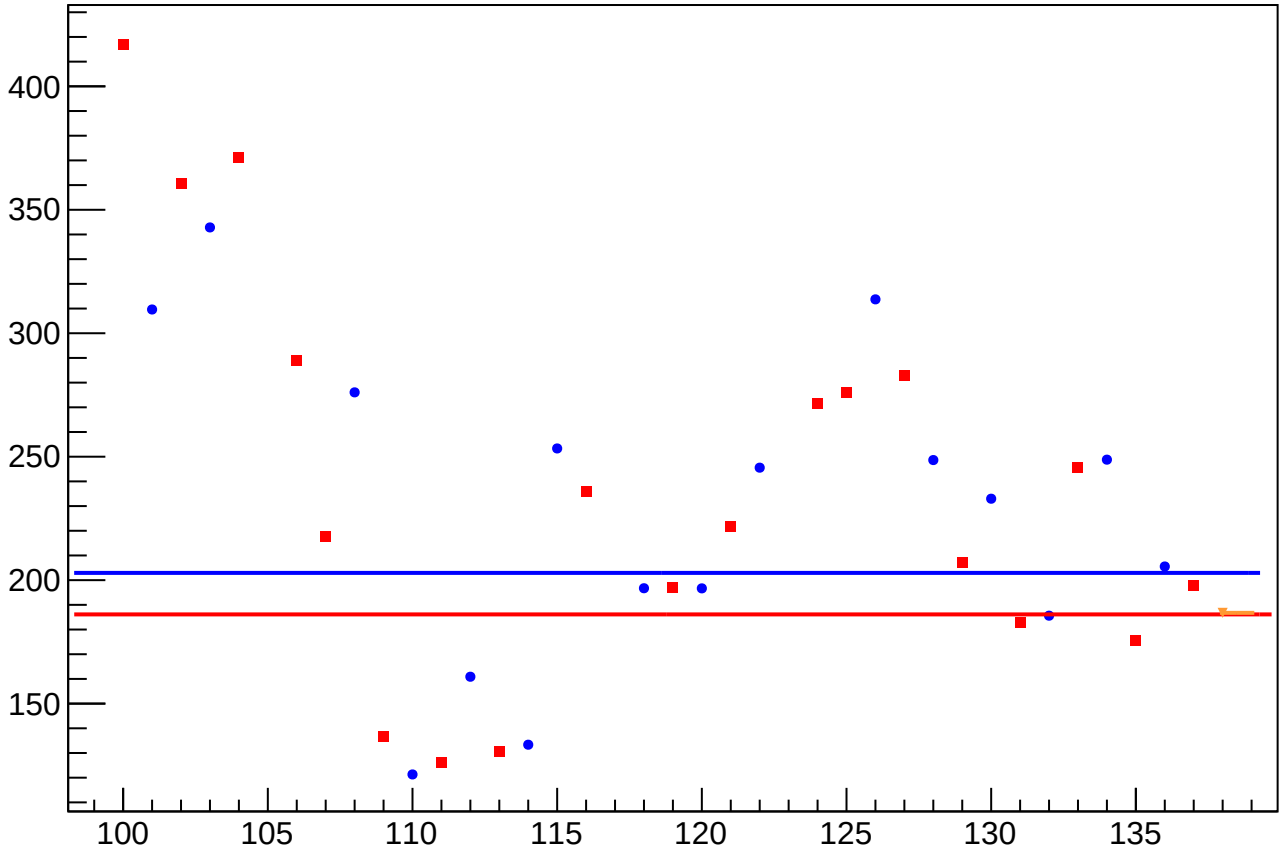
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.514+/-74.827 χ^2/NDF: 476.2/16

All: 562.535+/-52.275 χ^2/NDF: 1067.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l04WS_rms vs Slug



Right In: 202.941+/-0.056 χ^2/NDF: 1071859.2/15

Left Out: 186.757+/-0.151 χ^2/NDF:0.0/0

Right Out: 186.129+/-0.052 χ^2/NDF: 1481664.4/18

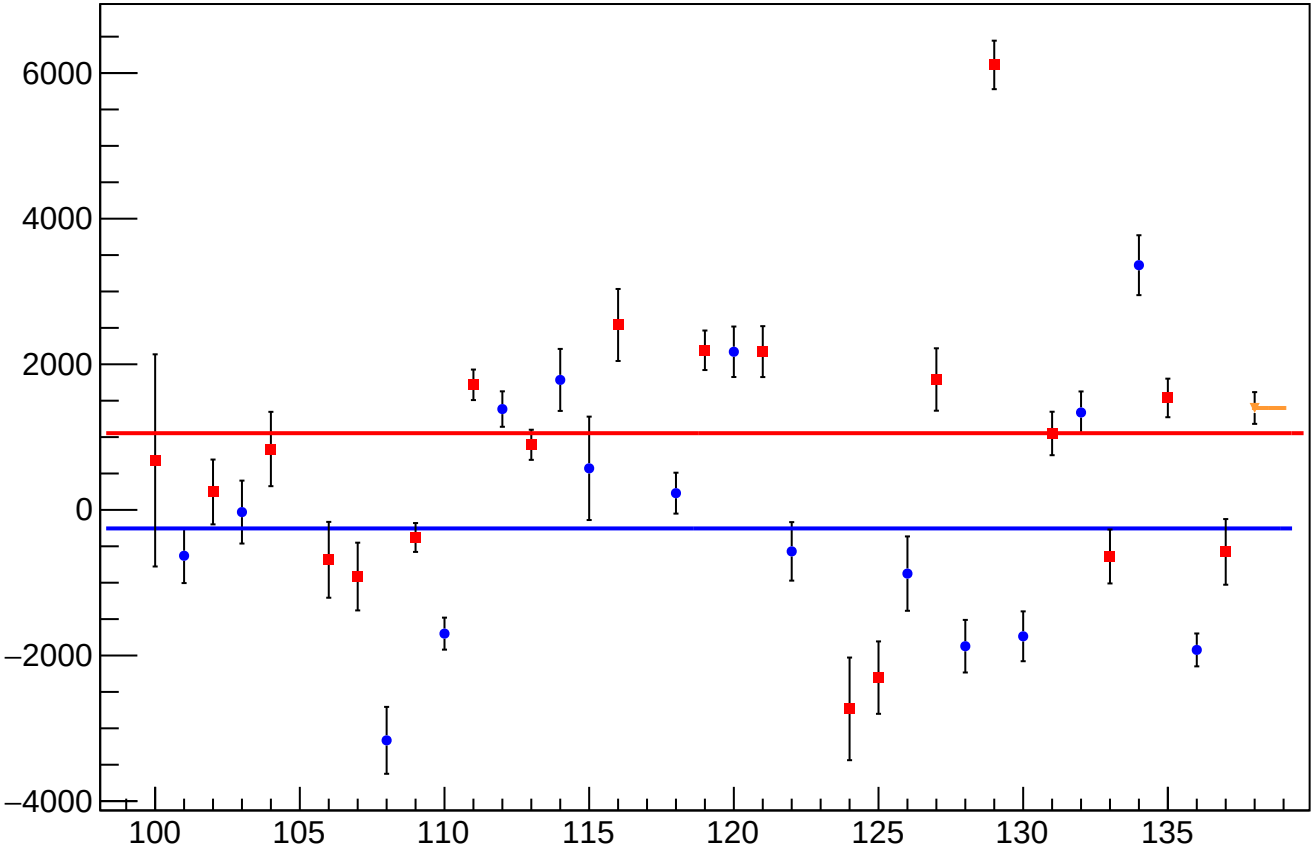
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 200.965+/-0.053 χ^2/NDF: 1081890.5/16

All: 193.370+/-0.037 χ^2/NDF: 2603803.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: -254.470+/-82.490 χ^2/NDF: 409.3/15

Left Out: 1399.735+/-218.073 χ^2/NDF:0.0/0

Right Out: 1053.731+/-75.969 χ^2/NDF: 477.7/18

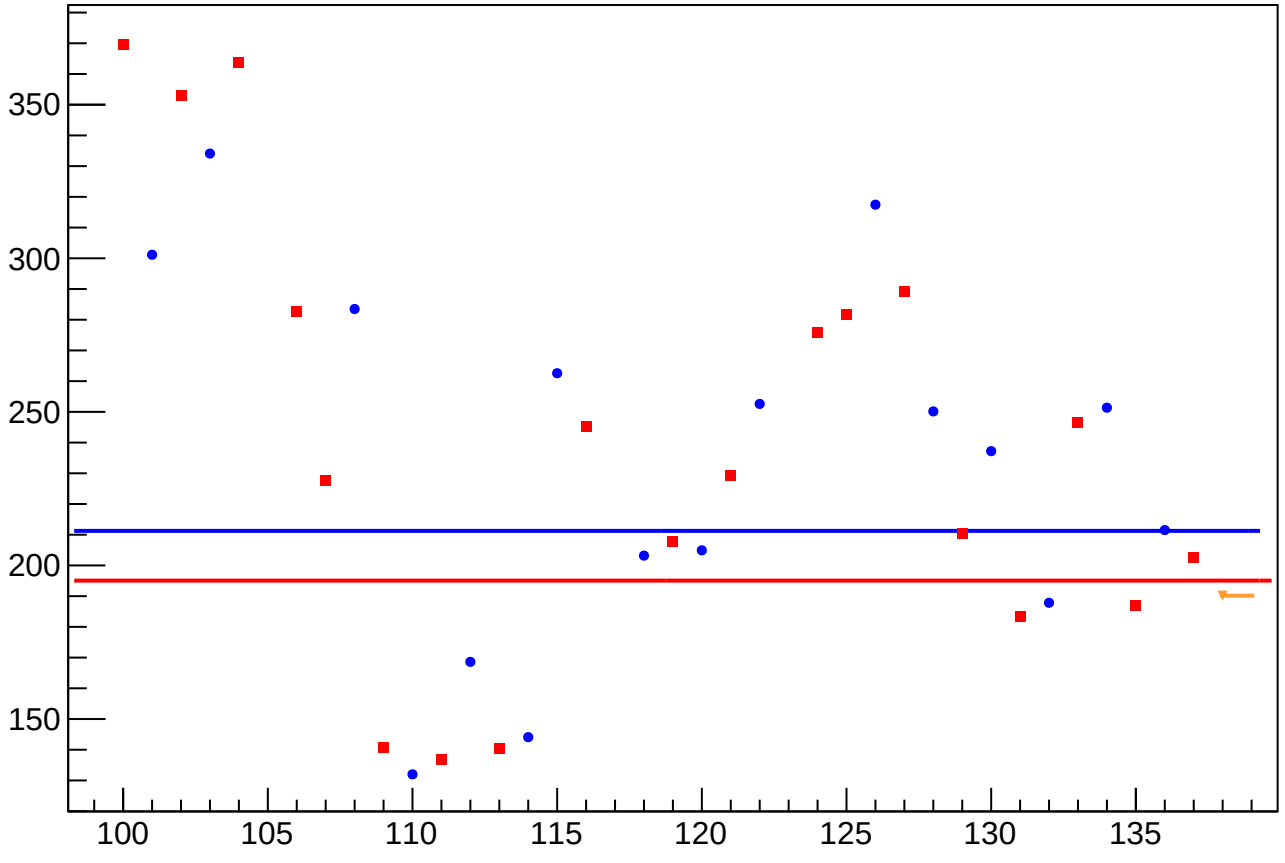
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -47.405+/-77.154 χ^2/NDF: 459.6/16

All: 511.684+/-54.133 χ^2/NDF: 1040.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 211.254+/-0.058 χ^2/NDF: 884363.6/15

Left Out: 190.164+/-0.154 χ^2/NDF:0.0/0

Right Out: 195.061+/-0.054 χ^2/NDF: 1284879.9/18

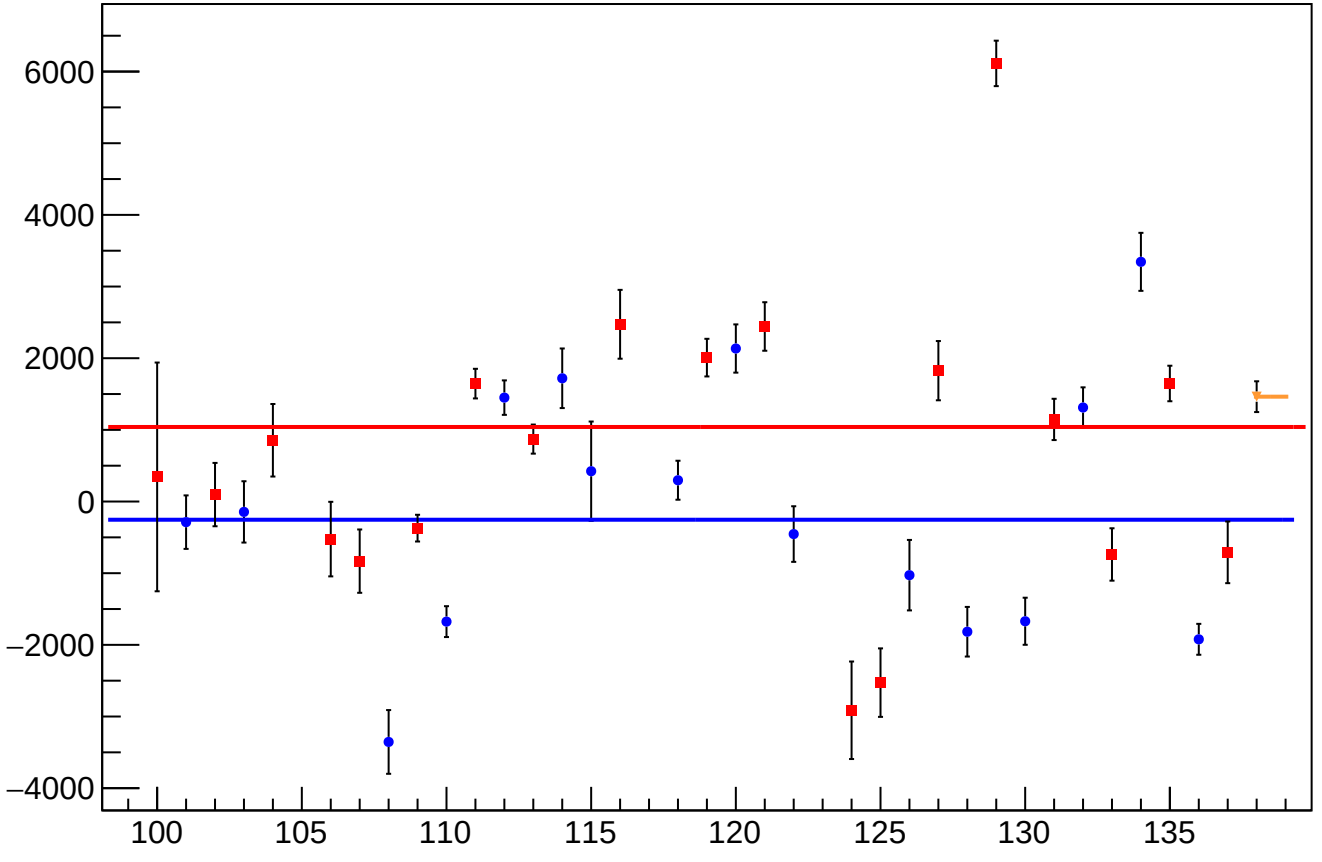
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 208.614+/-0.055 χ^2/NDF: 900727.9/16

All: 201.732+/-0.038 χ^2/NDF: 2216939.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -254.044+/-80.222 χ^2/NDF: 432.1/15

Left Out: 1463.187+/-214.821 χ^2/NDF:0.0/0

Right Out: 1040.361+/-73.363 χ^2/NDF: 533.4/18

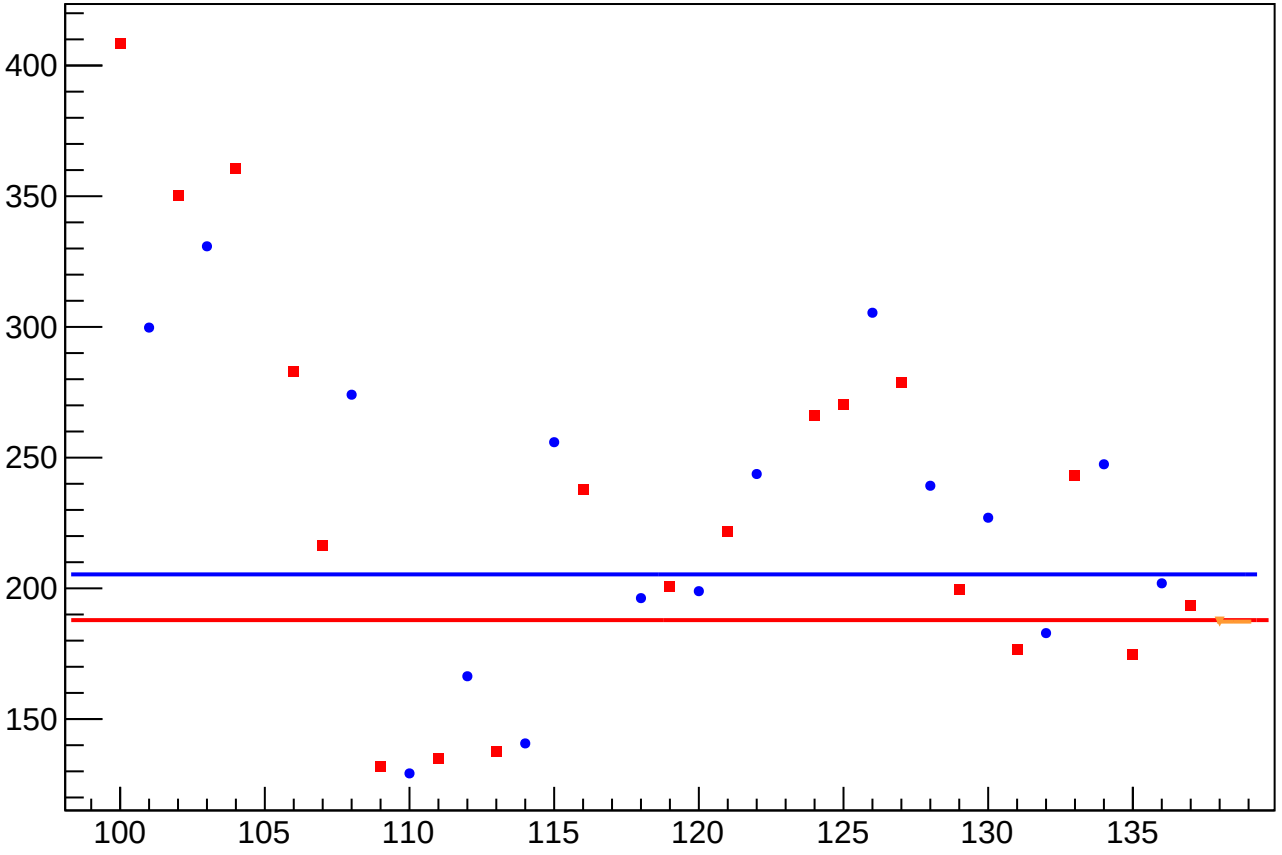
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -43.874+/-75.153 χ^2/NDF: 488.2/16

All: 511.310+/-52.497 χ^2/NDF: 1128.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 205.341+/-0.057 χ^2/NDF: 877398.6/15

Left Out: 187.279+/-0.152 χ^2/NDF:0.0/0

Right Out: 187.848+/-0.052 χ^2/NDF: 1337049.4/18

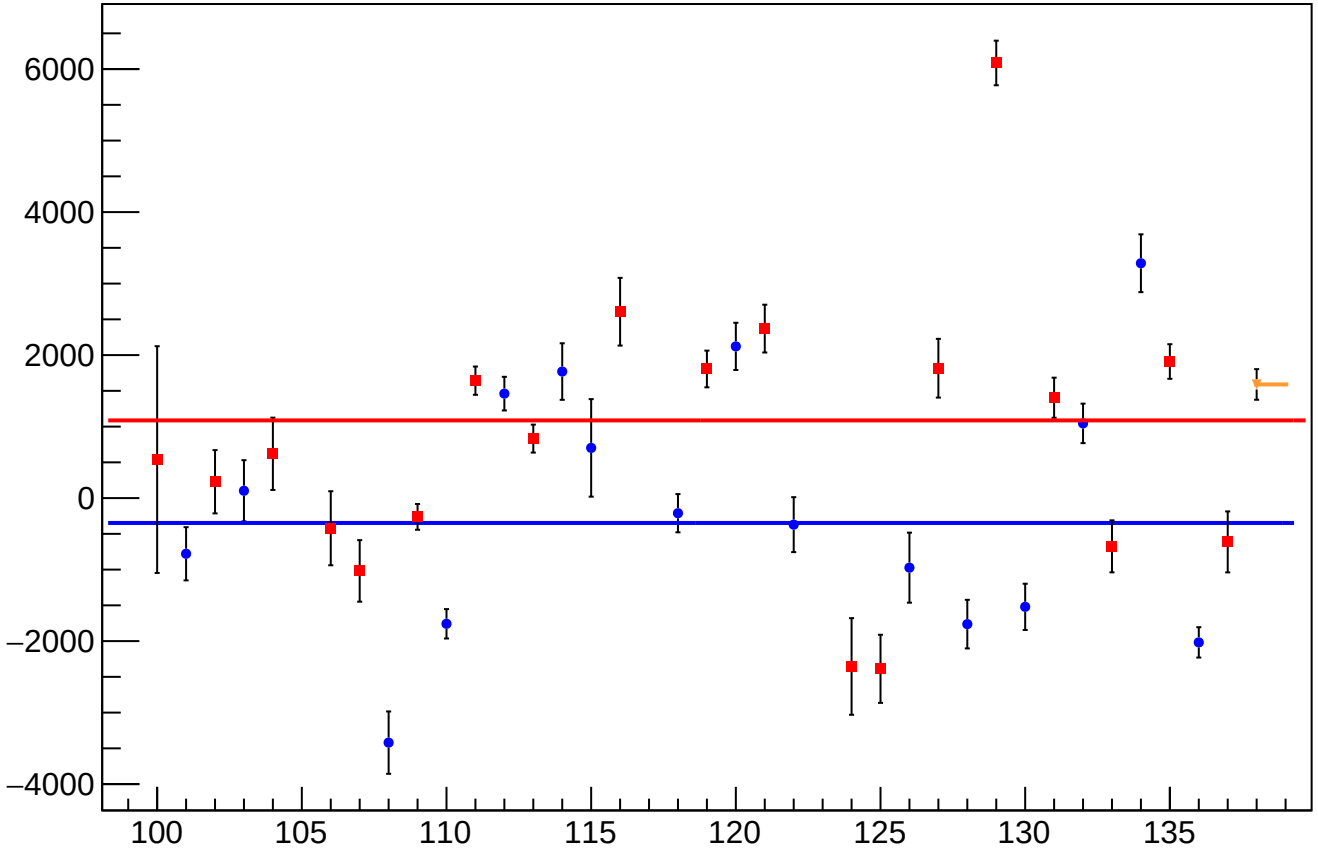
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 203.131+/-0.053 χ^2/NDF: 889807.6/16

All: 195.305+/-0.037 χ^2/NDF: 2269204.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -347.666+/-78.567 χ^2/NDF: 445.8/15

Left Out: 1589.704+/-214.062 χ^2/NDF:0.0/0

Right Out: 1086.638+/-71.539 χ^2/NDF: 527.2/18

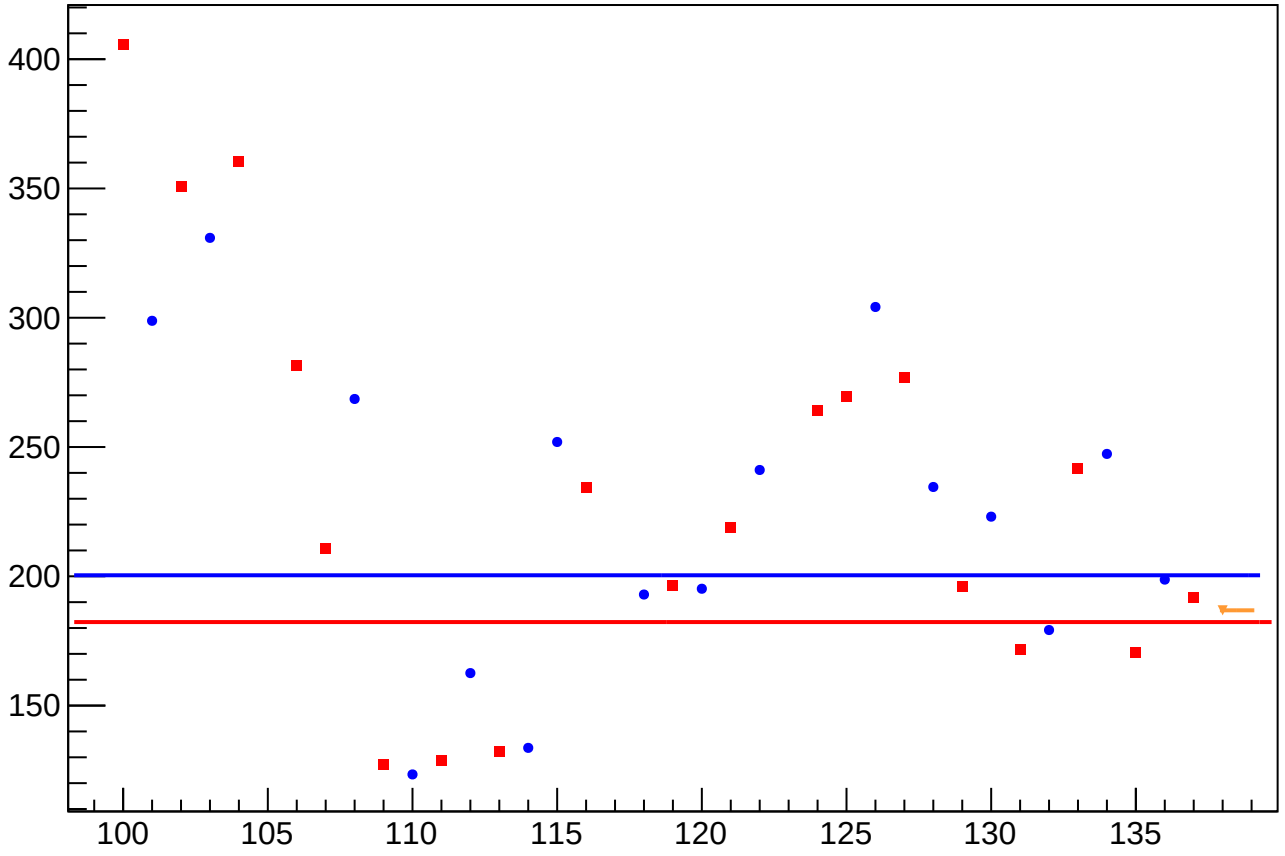
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -117.664+/-73.756 χ^2/NDF: 518.0/16

All: 502.861+/-51.352 χ^2/NDF: 1182.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 200.399+/-0.056 χ^2/NDF: 959000.8/15

Left Out: 186.846+/-0.151 χ^2/NDF:0.0/0

Right Out: 182.302+/-0.051 χ^2/NDF: 1447197.0/18

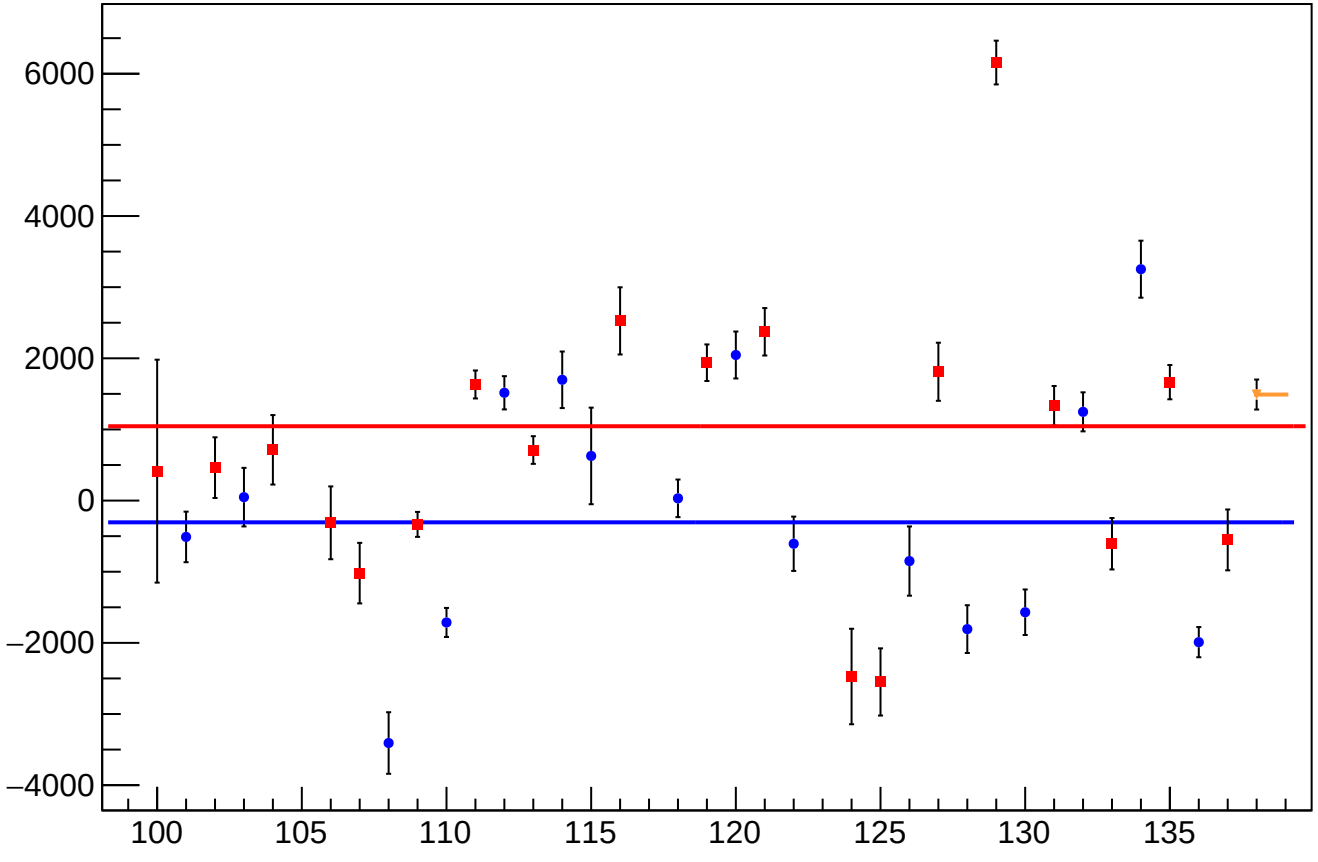
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 198.790+/-0.052 χ^2/NDF: 966065.6/16

All: 190.294+/-0.036 χ^2/NDF: 2464762.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -305.649+/-77.868 χ^2/NDF: 451.8/15

Left Out: 1490.582+/-210.858 χ^2/NDF:0.0/0

Right Out: 1045.144+/-70.824 χ^2/NDF: 552.2/18

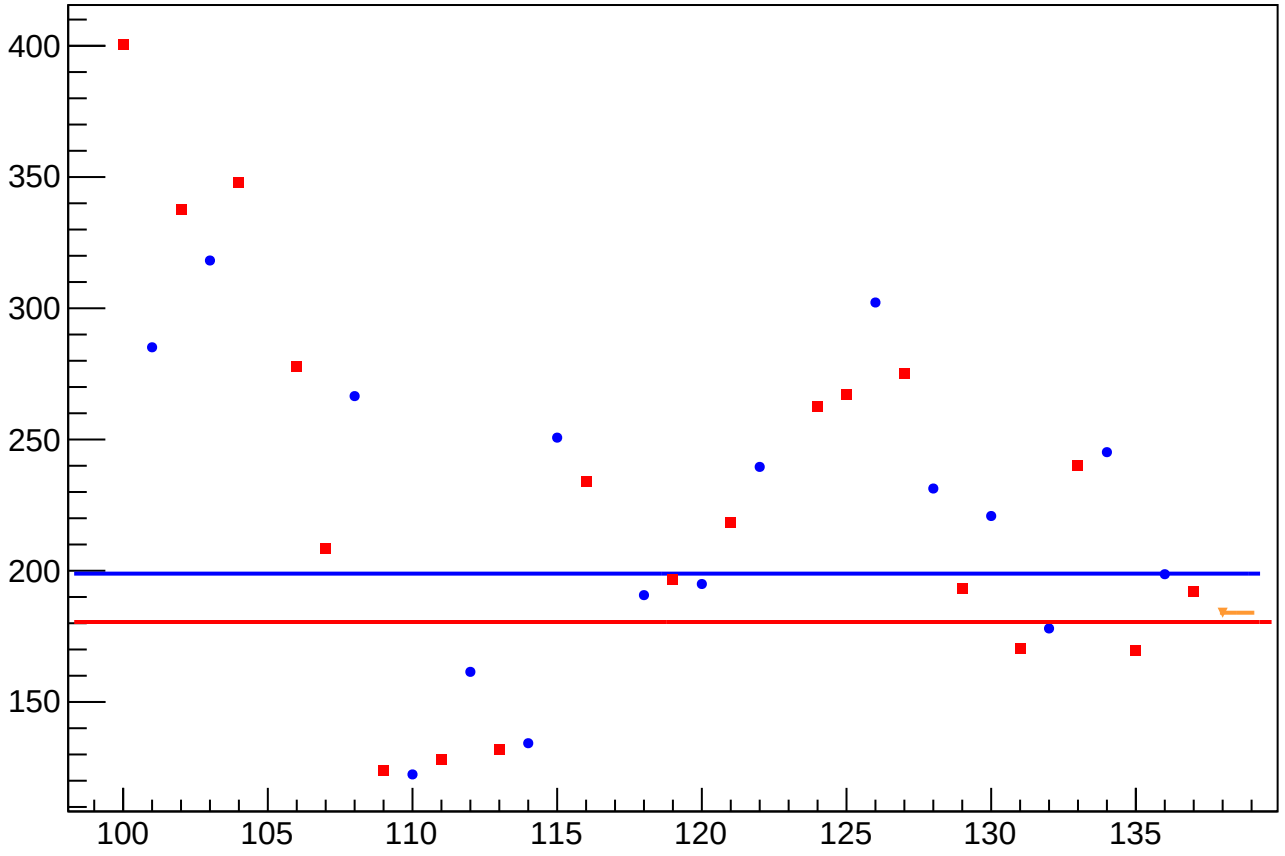
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -90.082+/-73.047 χ^2/NDF: 515.7/16

All: 495.067+/-50.848 χ^2/NDF: 1192.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 198.903+/-0.055 χ^2/NDF: 912765.0/15

Left Out: 184.007+/-0.149 χ^2/NDF:0.0/0

Right Out: 180.473+/-0.050 χ^2/NDF: 1434435.8/18

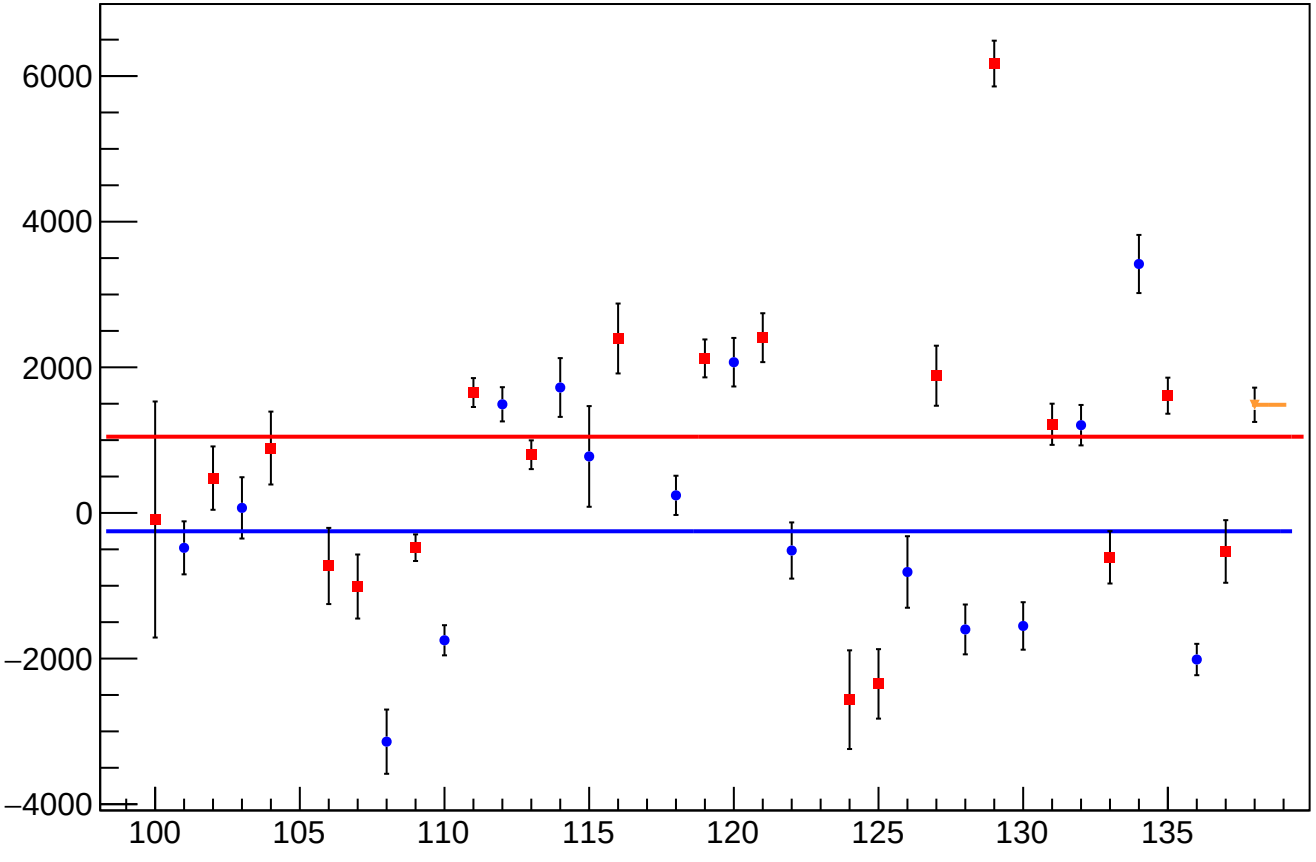
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 197.115+/-0.052 χ^2/NDF: 921547.6/16

All: 188.537+/-0.036 χ^2/NDF: 2409494.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: -251.795+/-78.974 χ^2/NDF: 441.2/15

Left Out: 1485.271+/-235.528 χ^2/NDF:0.0/0

Right Out: 1047.132+/-72.190 χ^2/NDF: 546.7/18

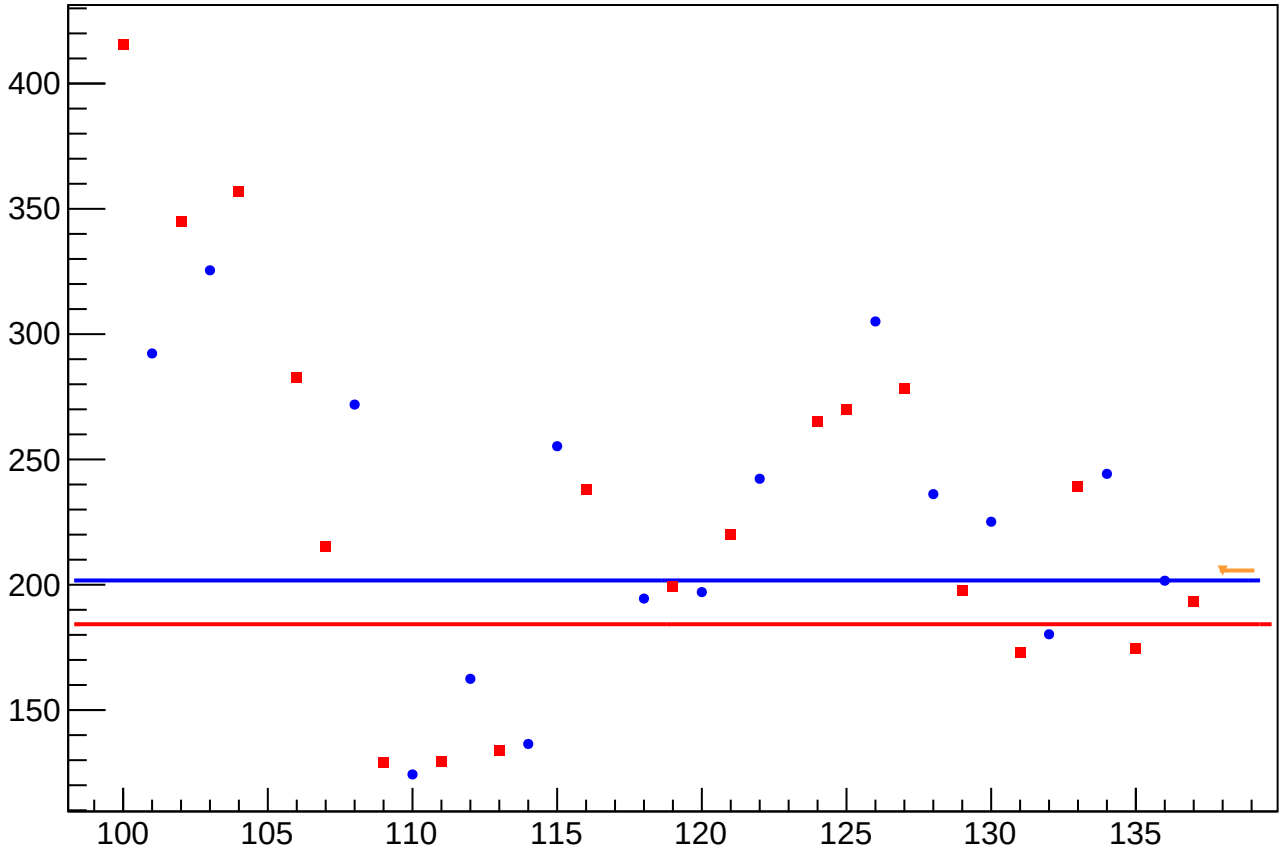
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -76.235+/-74.877 χ^2/NDF: 490.1/16

All: 505.966+/-51.970 χ^2/NDF: 1153.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 201.714+/-0.056 χ^2/NDF: 924210.1/15

Left Out: 205.687+/-0.167 χ^2/NDF:0.0/0

Right Out: 184.244+/-0.051 χ^2/NDF: 1403761.8/18

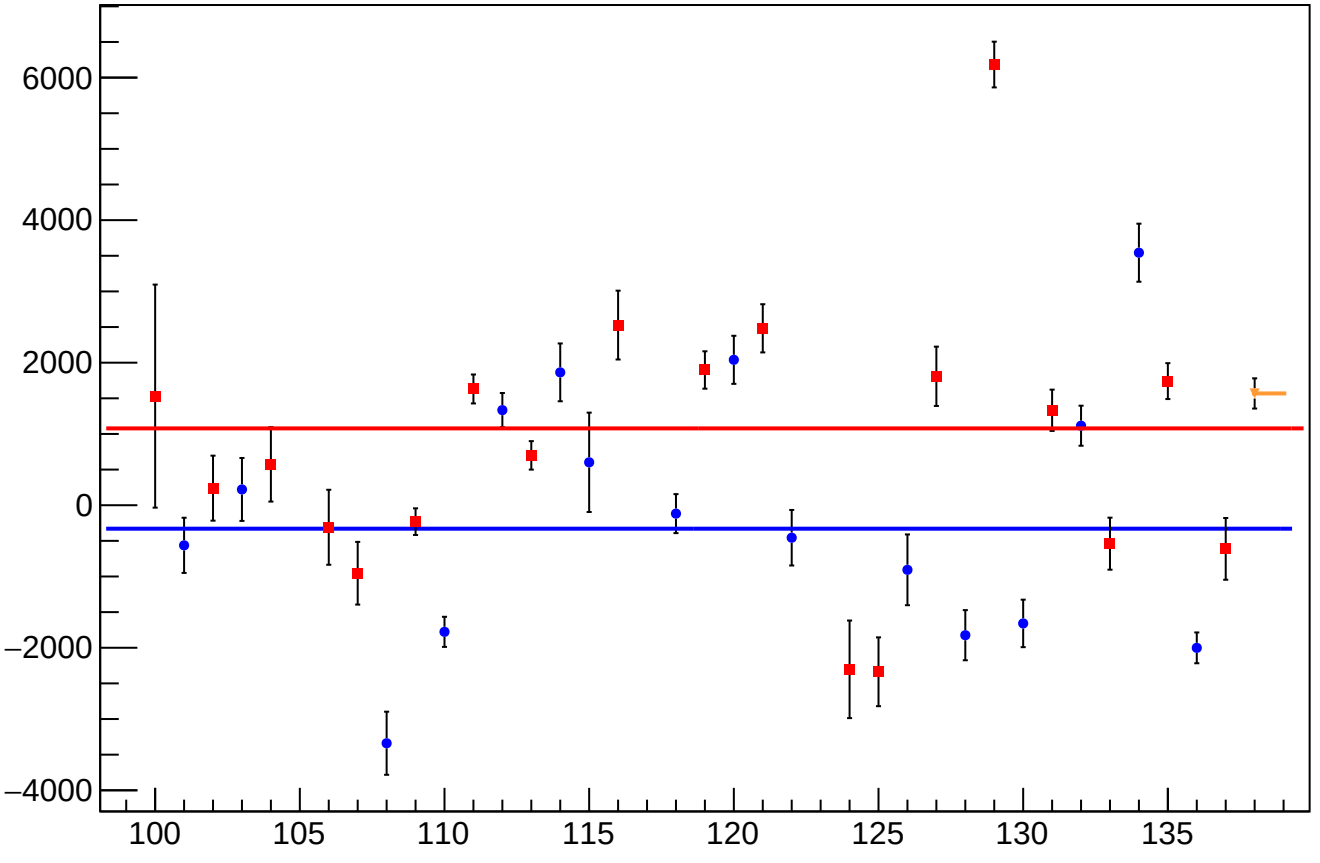
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 202.115+/-0.053 χ^2/NDF: 924721.7/16

All: 192.853+/-0.037 χ^2/NDF: 2387530.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l10WS_mean vs Slug



Right In: -329.377+/-80.367 χ^2/NDF: 436.4/15

Left Out: 1568.375+/-211.981 χ^2/NDF:0.0/0

Right Out: 1077.876+/-73.404 χ^2/NDF: 502.0/18

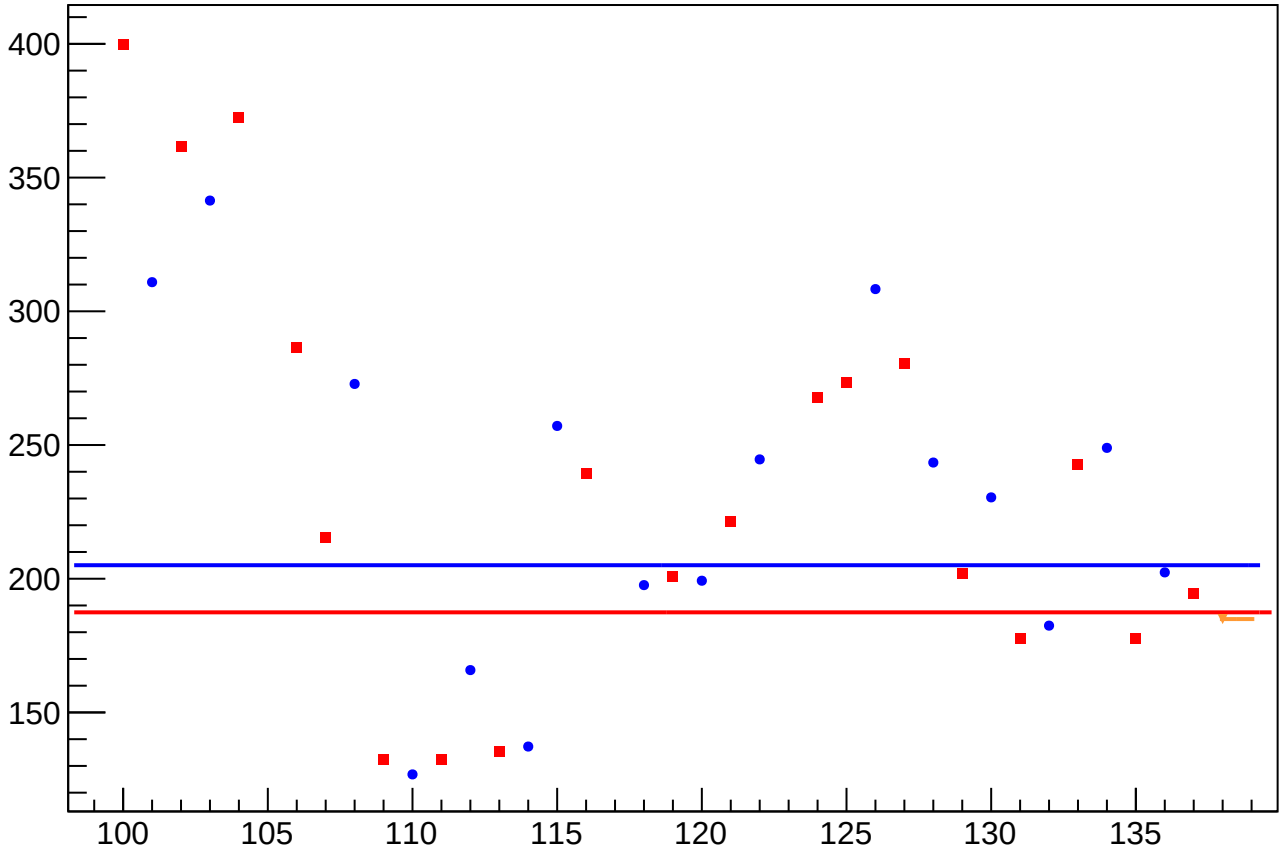
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -90.883+/-75.148 χ^2/NDF: 506.5/16

All: 507.211+/-52.510 χ^2/NDF: 1132.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 205.053+/-0.057 χ^2/NDF: 963052.0/15

Left Out: 184.916+/-0.150 χ^2/NDF:0.0/0

Right Out: 187.431+/-0.052 χ^2/NDF: 1410802.2/18

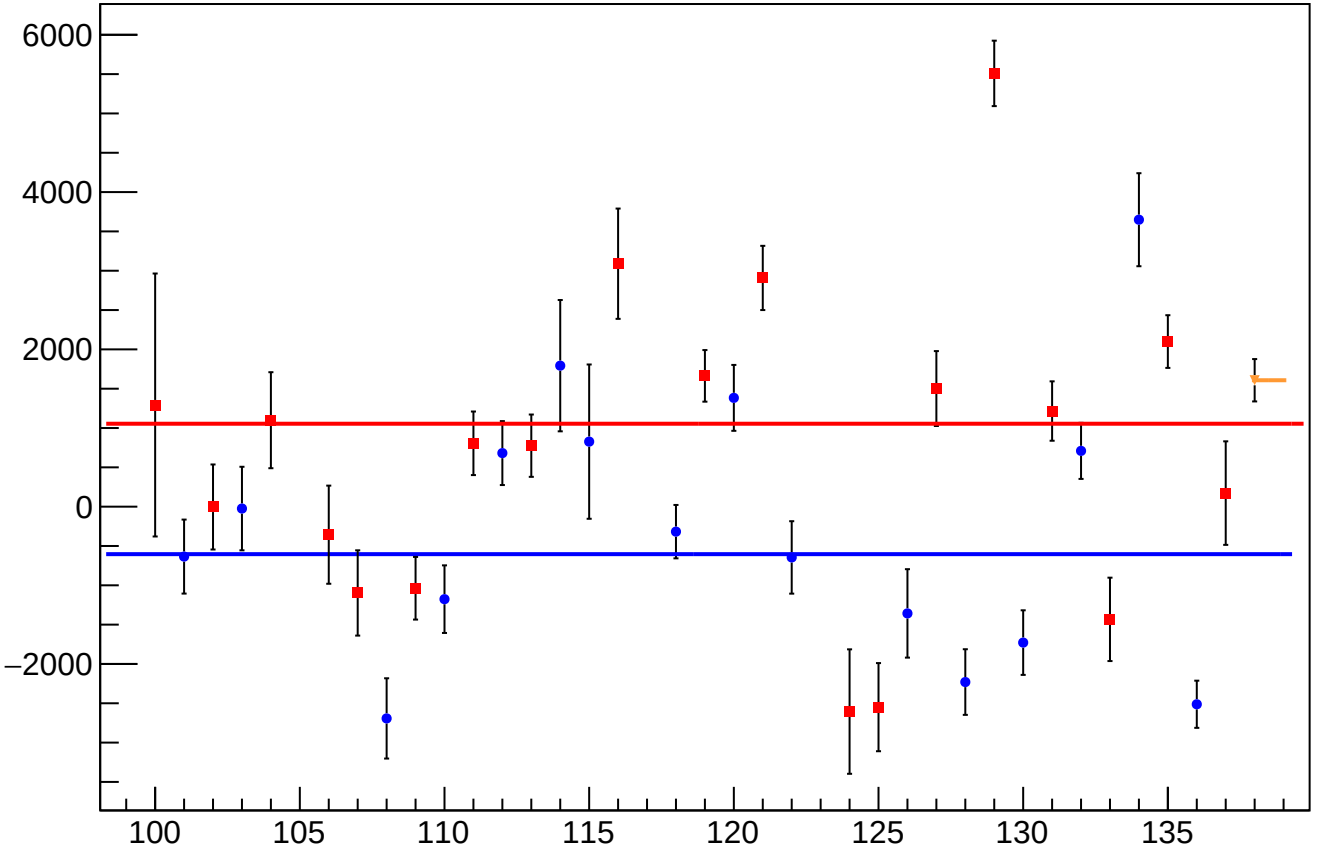
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 202.522+/-0.053 χ^2/NDF: 978831.7/16

All: 194.800+/-0.037 χ^2/NDF: 2430908.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -603.855+/-110.693 χ^2/NDF: 193.5/15

Left Out: 1607.441+/-269.265 χ^2/NDF:0.0/0

Right Out: 1054.556+/-108.264 χ^2/NDF: 297.7/18

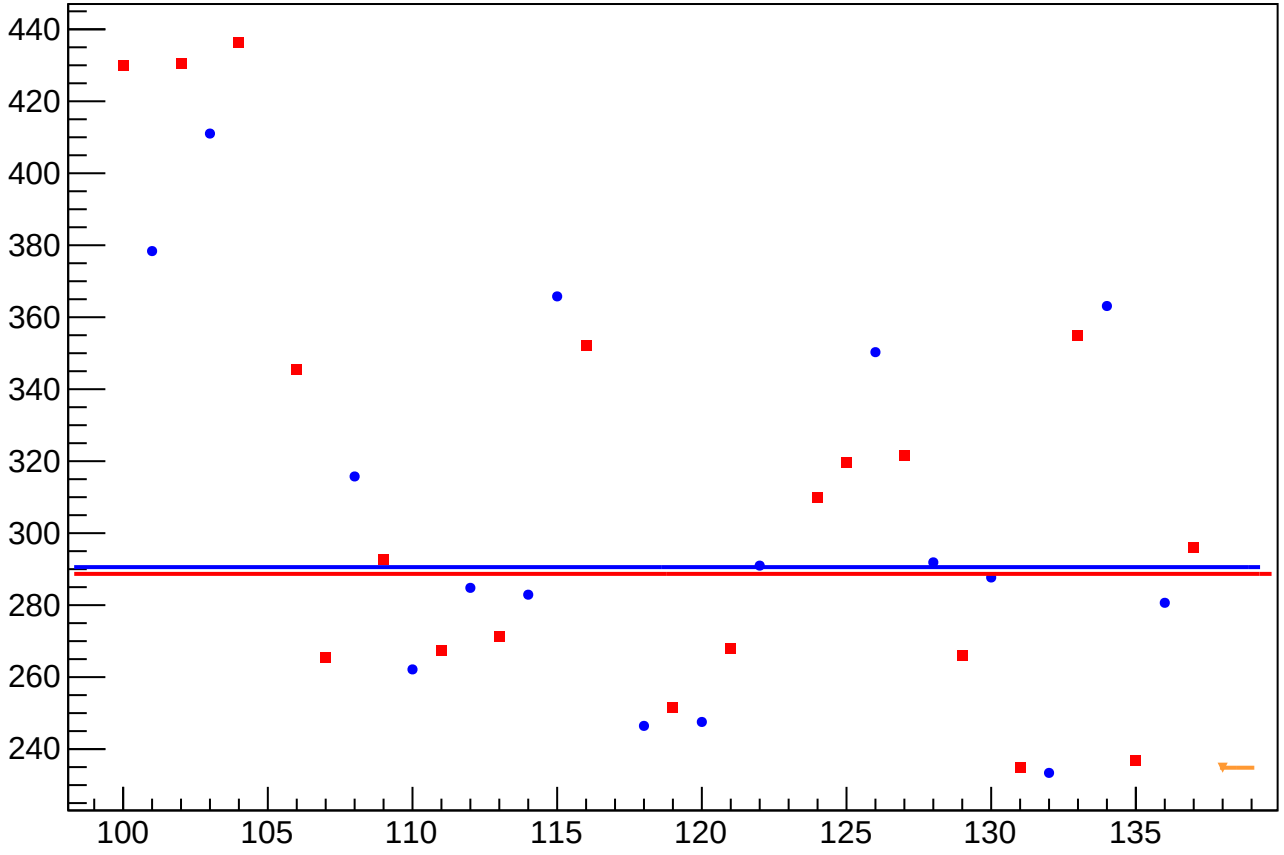
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -284.177+/-102.379 χ^2/NDF: 251.2/16

All: 347.821+/-74.386 χ^2/NDF: 629.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 290.566+/-0.078 χ^2/NDF: 359807.1/15

Left Out: 234.829+/-0.190 χ^2/NDF:0.0/0

Right Out: 288.686+/-0.077 χ^2/NDF: 489094.8/18

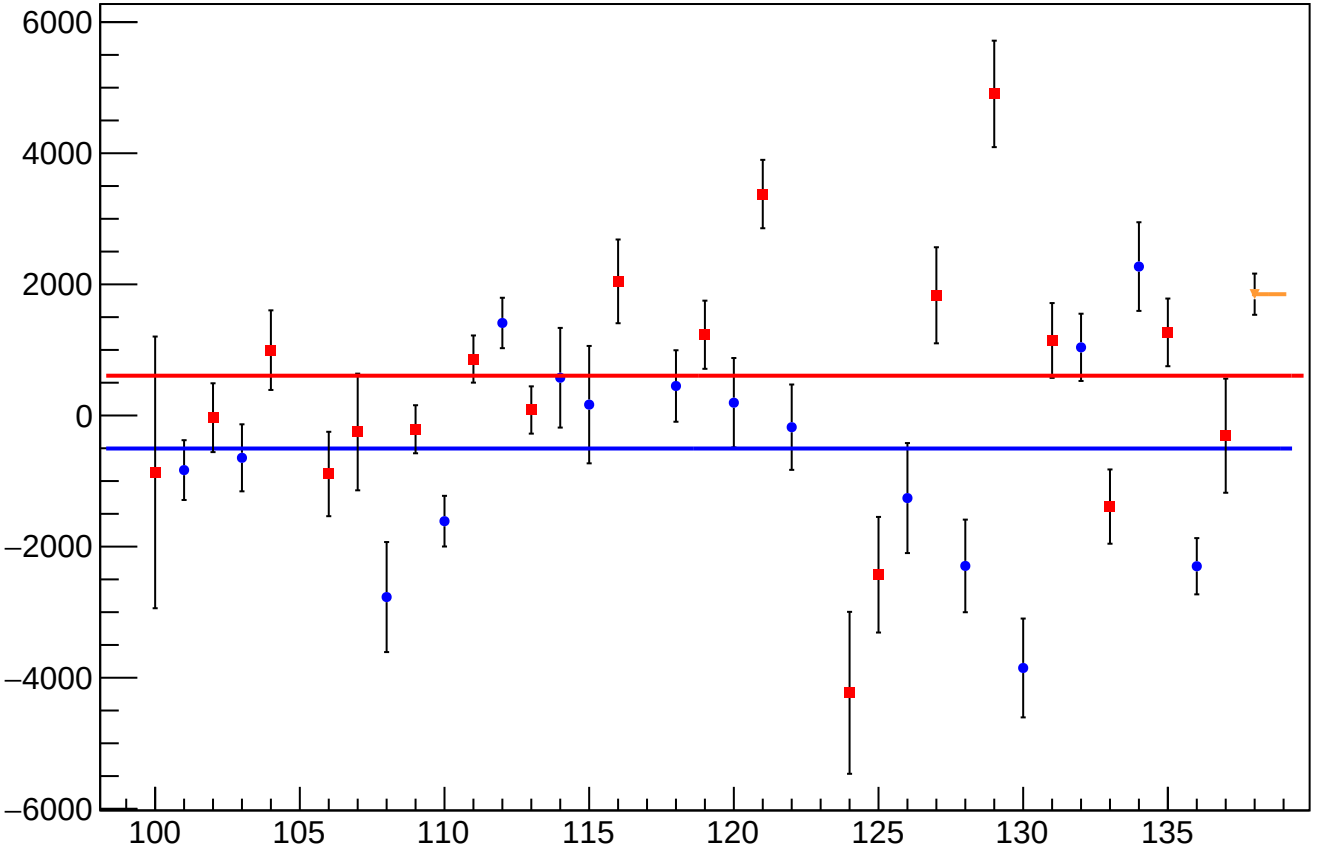
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 282.509+/-0.072 χ^2/NDF: 433114.1/16

All: 285.425+/-0.053 χ^2/NDF: 925646.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -503.675+/-140.058 χ^2/NDF: 118.2/15

Left Out: 1850.024+/-314.314 χ^2/NDF:0.0/0

Right Out: 606.880+/-129.609 χ^2/NDF: 125.1/18

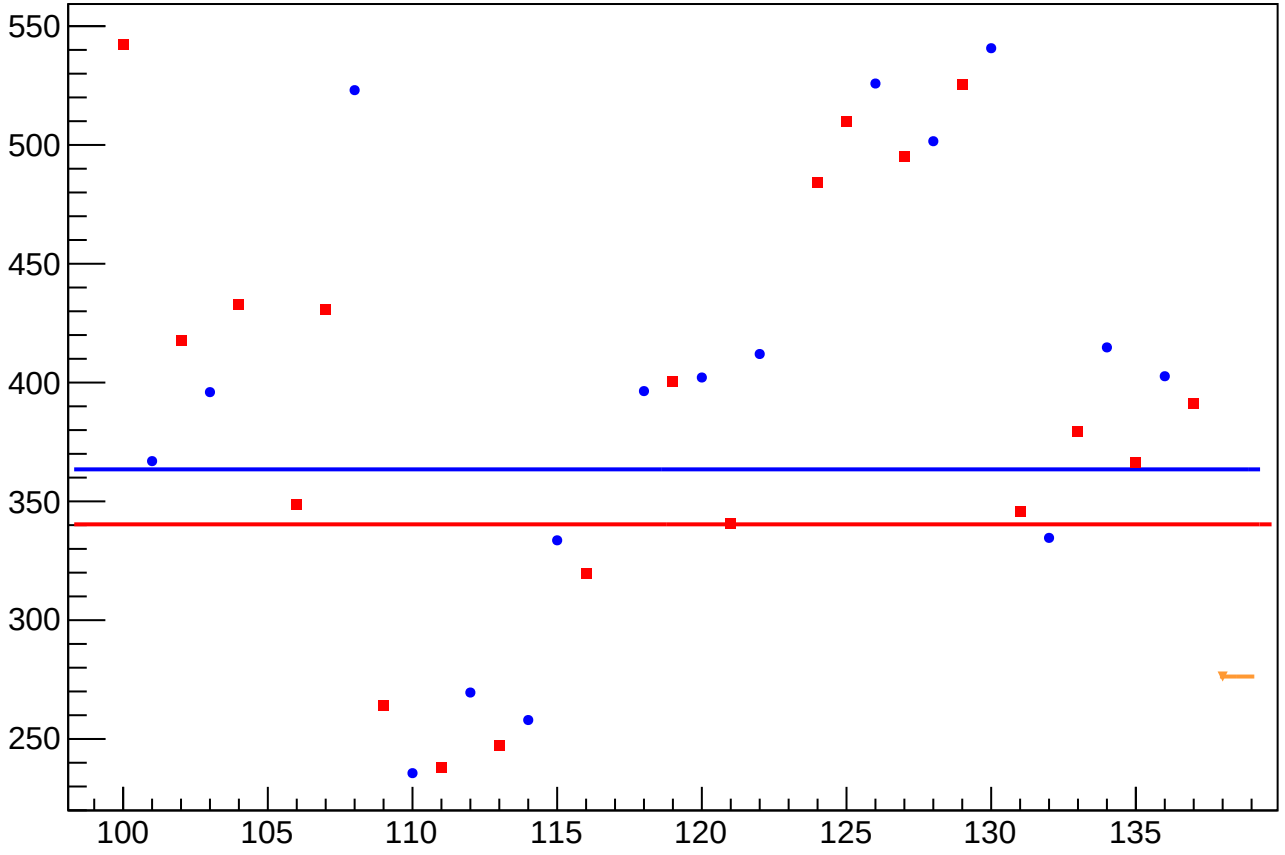
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -113.751+/-127.932 χ^2/NDF: 165.0/16

All: 241.872+/-91.048 χ^2/NDF: 305.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0r05WS_rms vs Slug



Right In: 363.471+/-0.099 χ^2/NDF: 780893.2/15

Left Out: 276.280+/-0.222 χ^2/NDF:0.0/0

Right Out: 340.332+/-0.092 χ^2/NDF: 856230.3/18

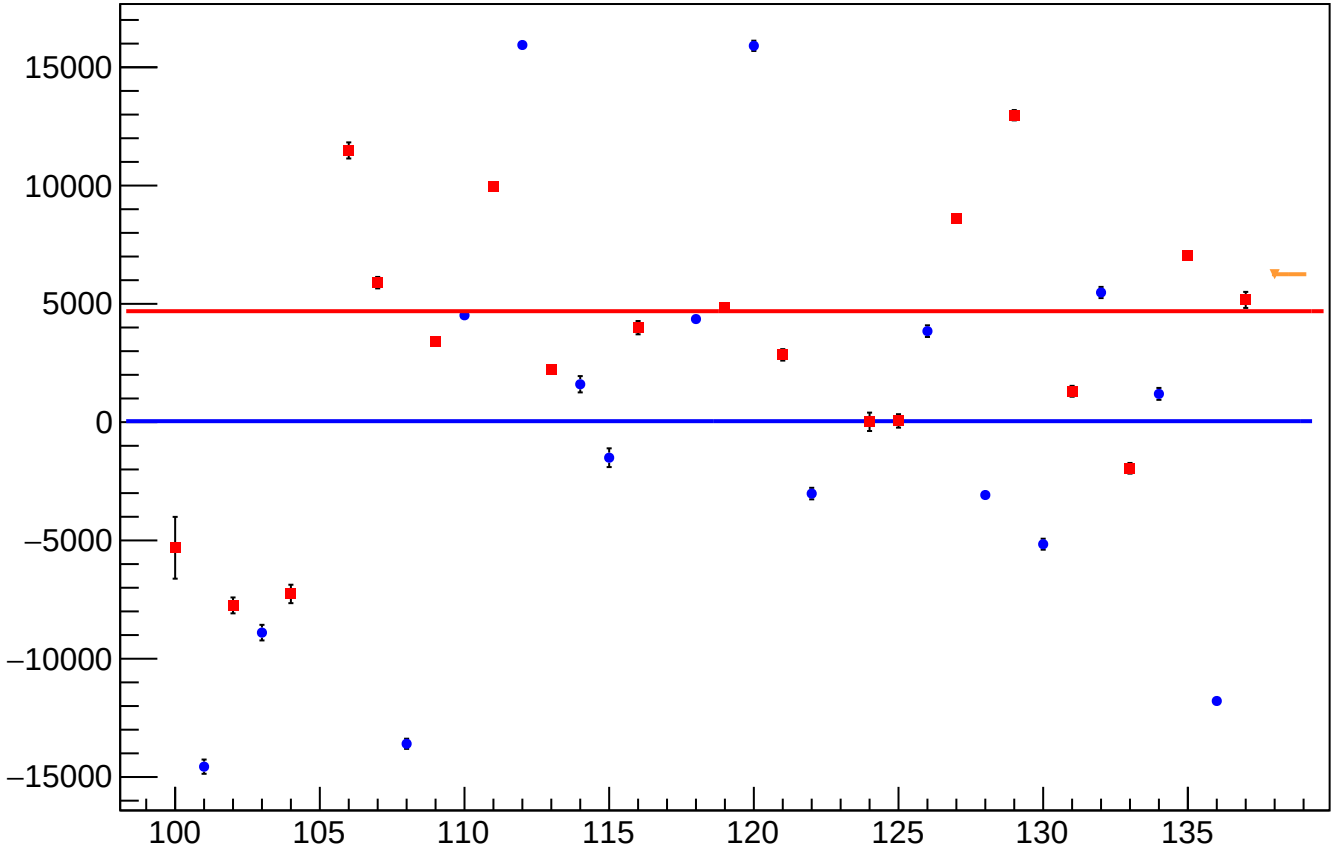
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 349.027+/-0.090 χ^2/NDF: 909300.5/16

All: 344.736+/-0.064 χ^2/NDF: 1770089.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 40.915+/-54.199 χ^2/NDF: 30786.3/15

Left Out: 6252.178+/-185.972 χ^2/NDF:0.0/0

Right Out: 4689.710+/-52.095 χ^2/NDF: 7795.7/18

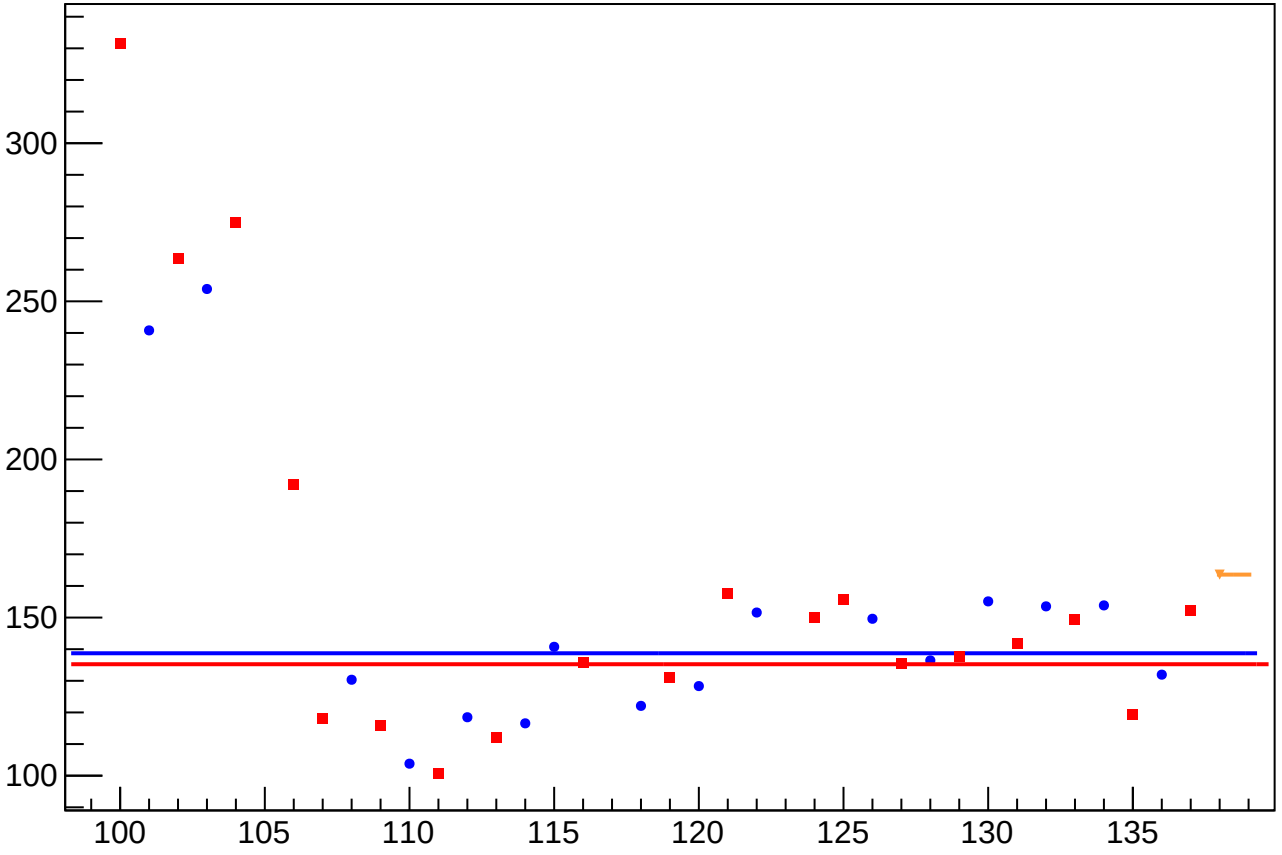
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 527.167+/-52.034 χ^2/NDF: 31814.5/16

All: 2605.996+/-36.815 χ^2/NDF: 42806.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 138.712+/-0.038 χ^2/NDF: 657791.3/15

Left Out: 163.586+/-0.132 χ^2/NDF:0.0/0

Right Out: 135.245+/-0.037 χ^2/NDF: 890024.8/18

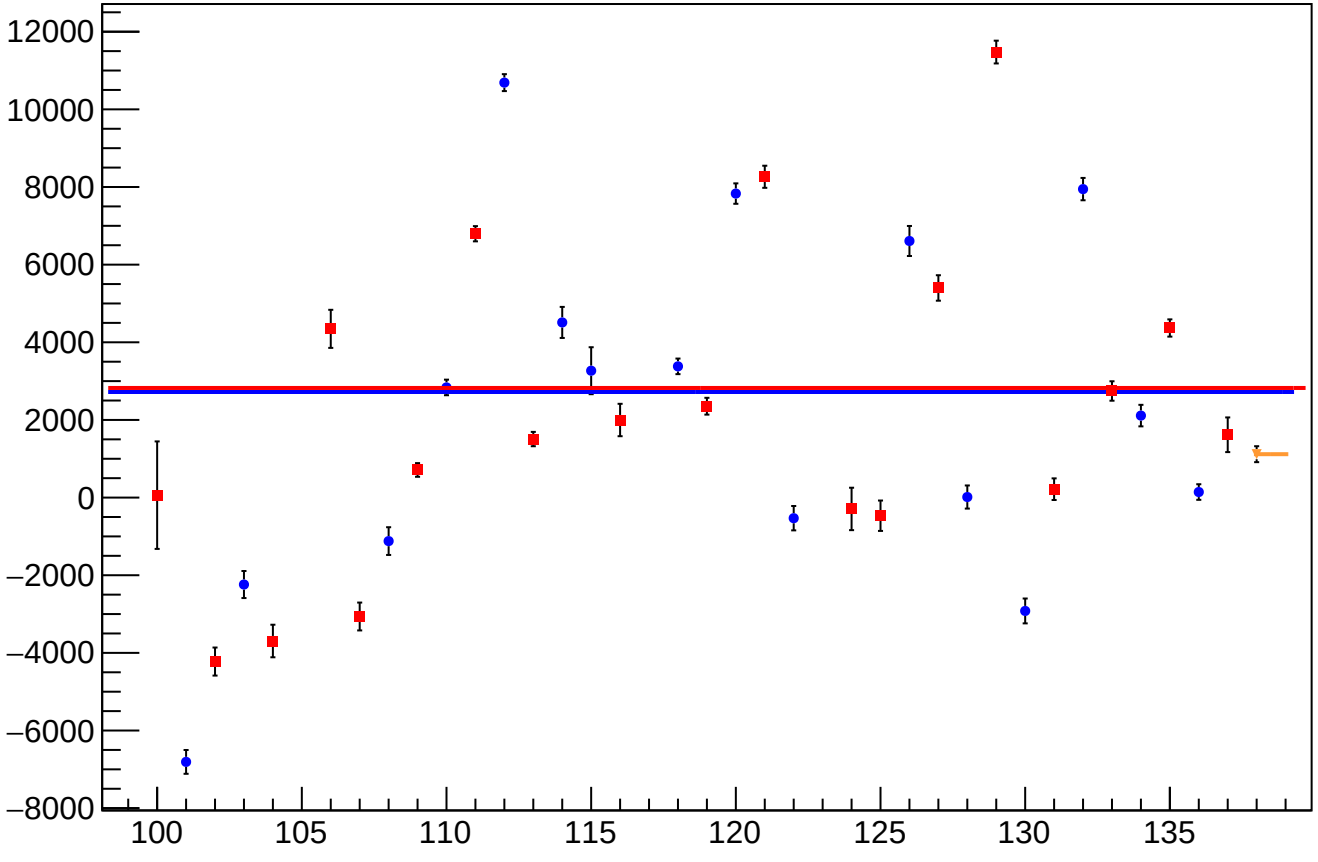
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 140.659+/-0.037 χ^2/NDF: 690769.0/16

All: 137.955+/-0.026 χ^2/NDF: 1591607.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 2719.896+/-69.247 χ^2/NDF: 4129.3/15

Left Out: 1117.922+/-205.408 χ^2/NDF:0.0/0

Right Out: 2823.679+/-64.850 χ^2/NDF: 3062.8/18

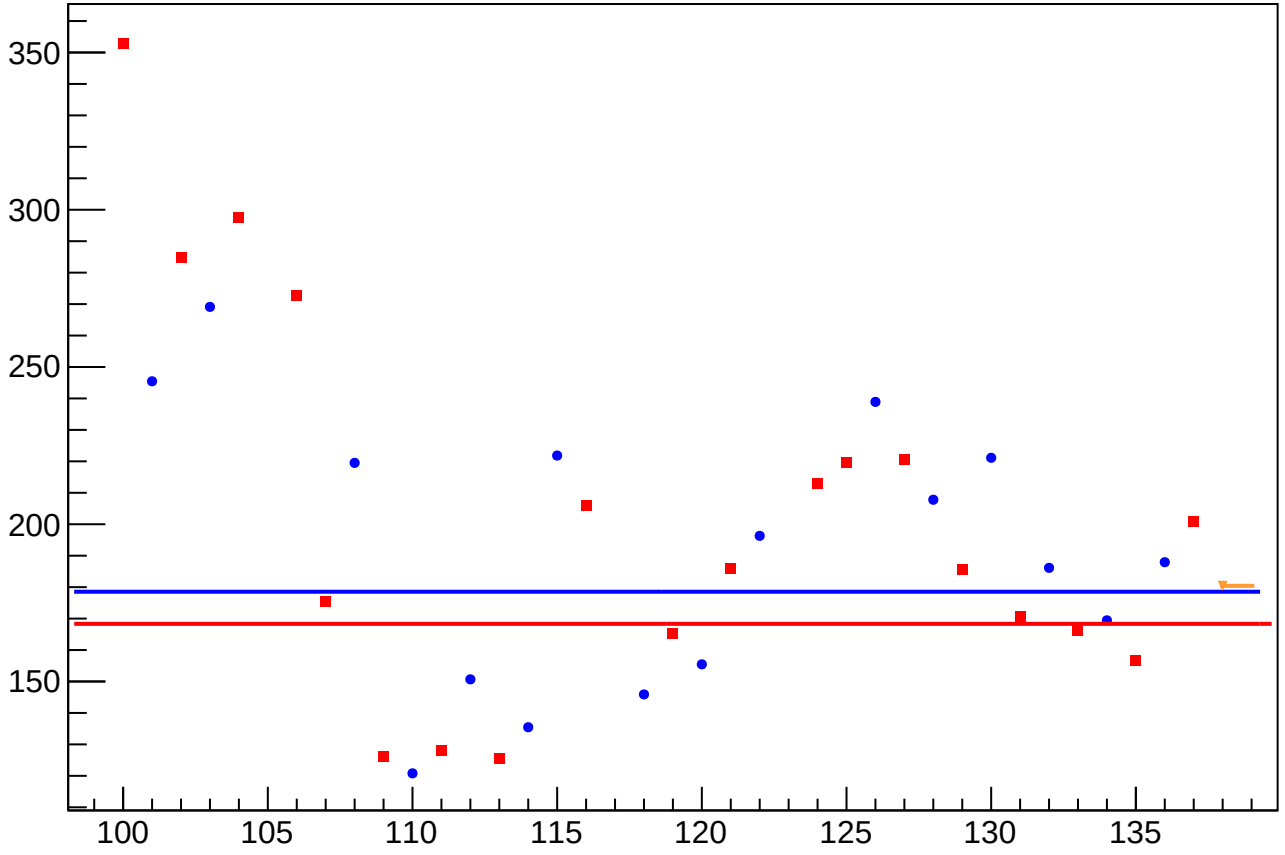
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 2556.412+/-65.618 χ^2/NDF: 4183.9/16

All: 2691.620+/-46.125 χ^2/NDF: 7255.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 178.541+/-0.049 χ^2/NDF: 674566.0/15

Left Out: 180.422+/-0.145 χ^2/NDF:0.0/0

Right Out: 168.335+/-0.046 χ^2/NDF: 979485.9/18

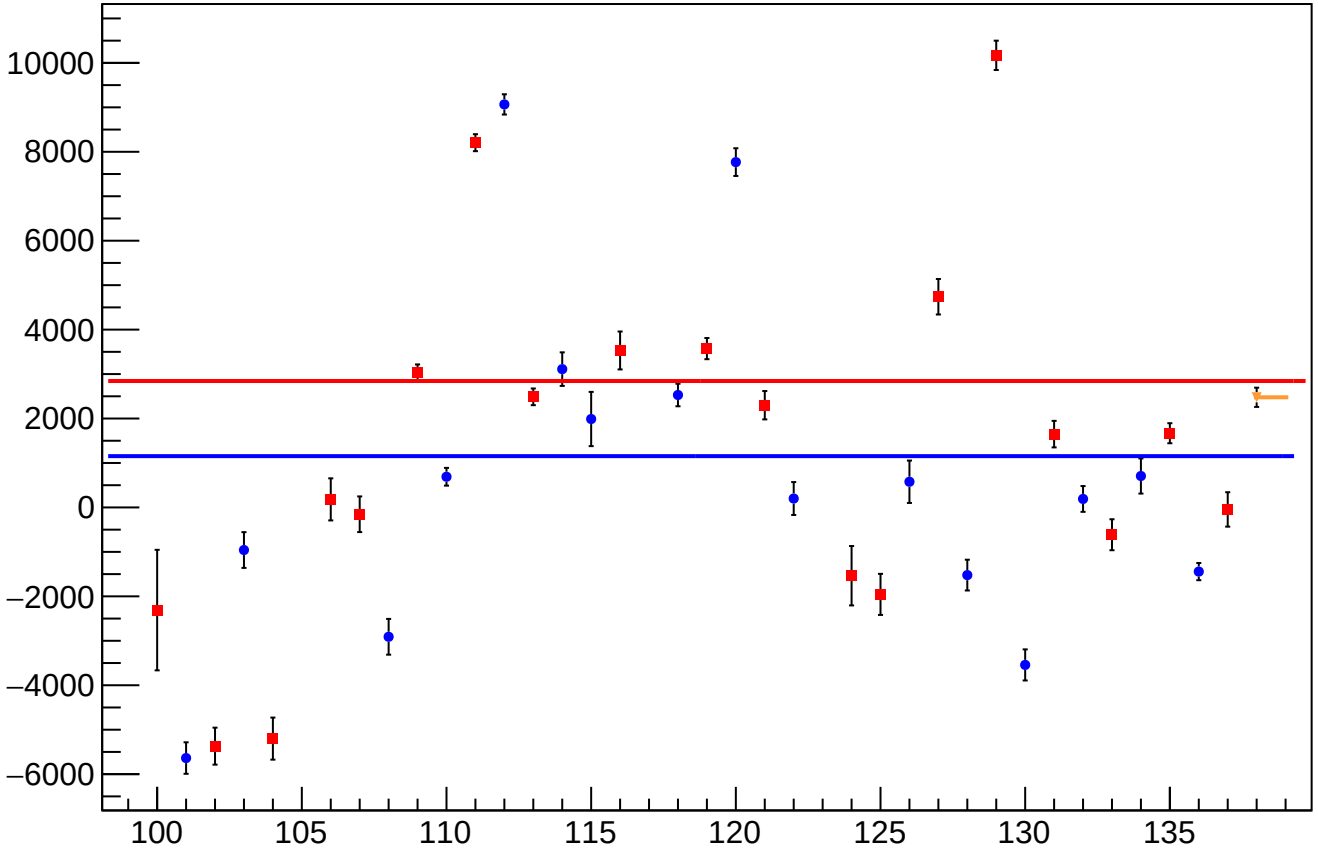
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 178.733+/-0.046 χ^2/NDF: 674716.6/16

All: 173.473+/-0.033 χ^2/NDF: 1679609.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 1153.823+/-75.957 χ^2/NDF: 2655.3/15

Left Out: 2477.455+/-216.347 χ^2/NDF:0.0/0

Right Out: 2843.895+/-69.139 χ^2/NDF: 2453.1/18

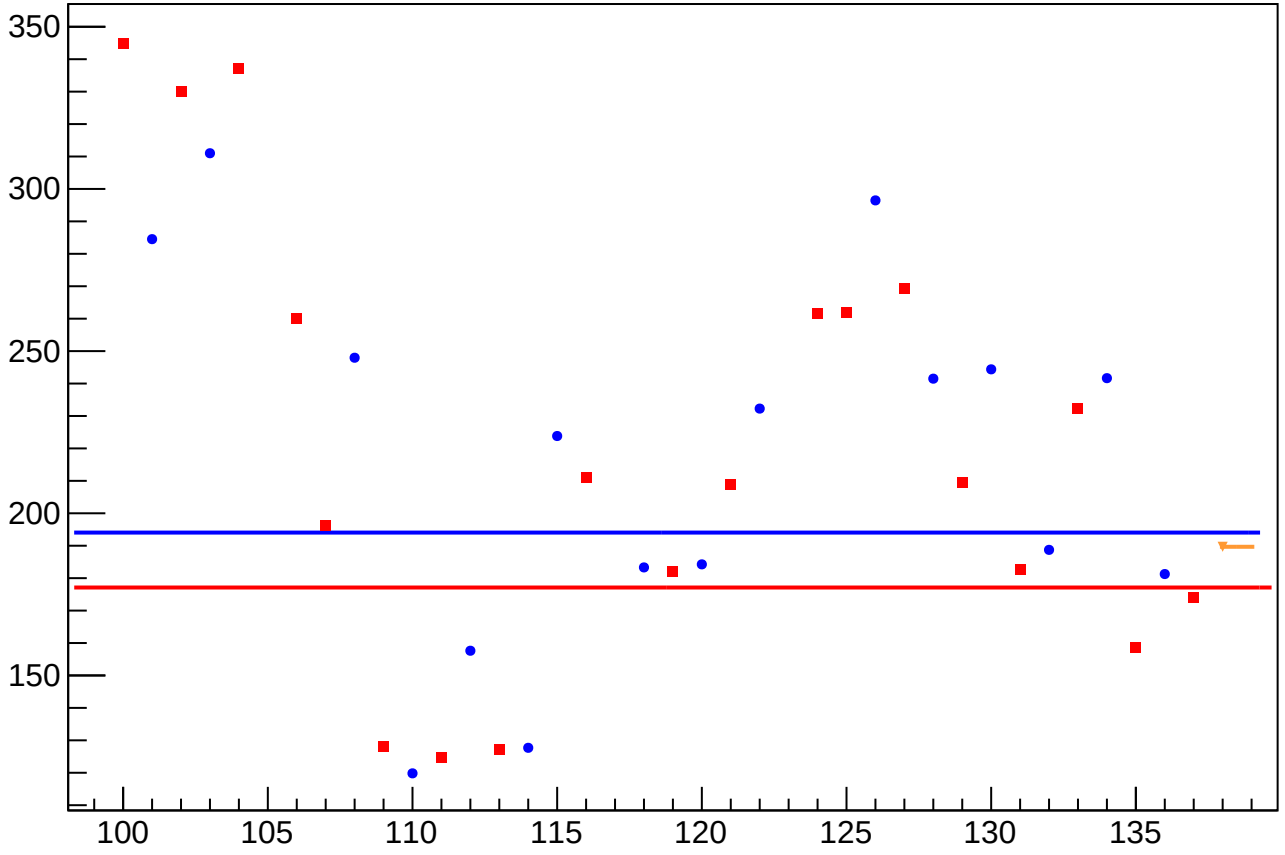
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1299.074+/-71.668 χ^2/NDF: 2688.7/16

All: 2099.223+/-49.759 χ^2/NDF: 5382.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 194.053+/-0.054 χ^2/NDF: 965786.1/15

Left Out: 189.672+/-0.153 χ^2/NDF:0.0/0

Right Out: 177.115+/-0.049 χ^2/NDF: 1359345.8/18

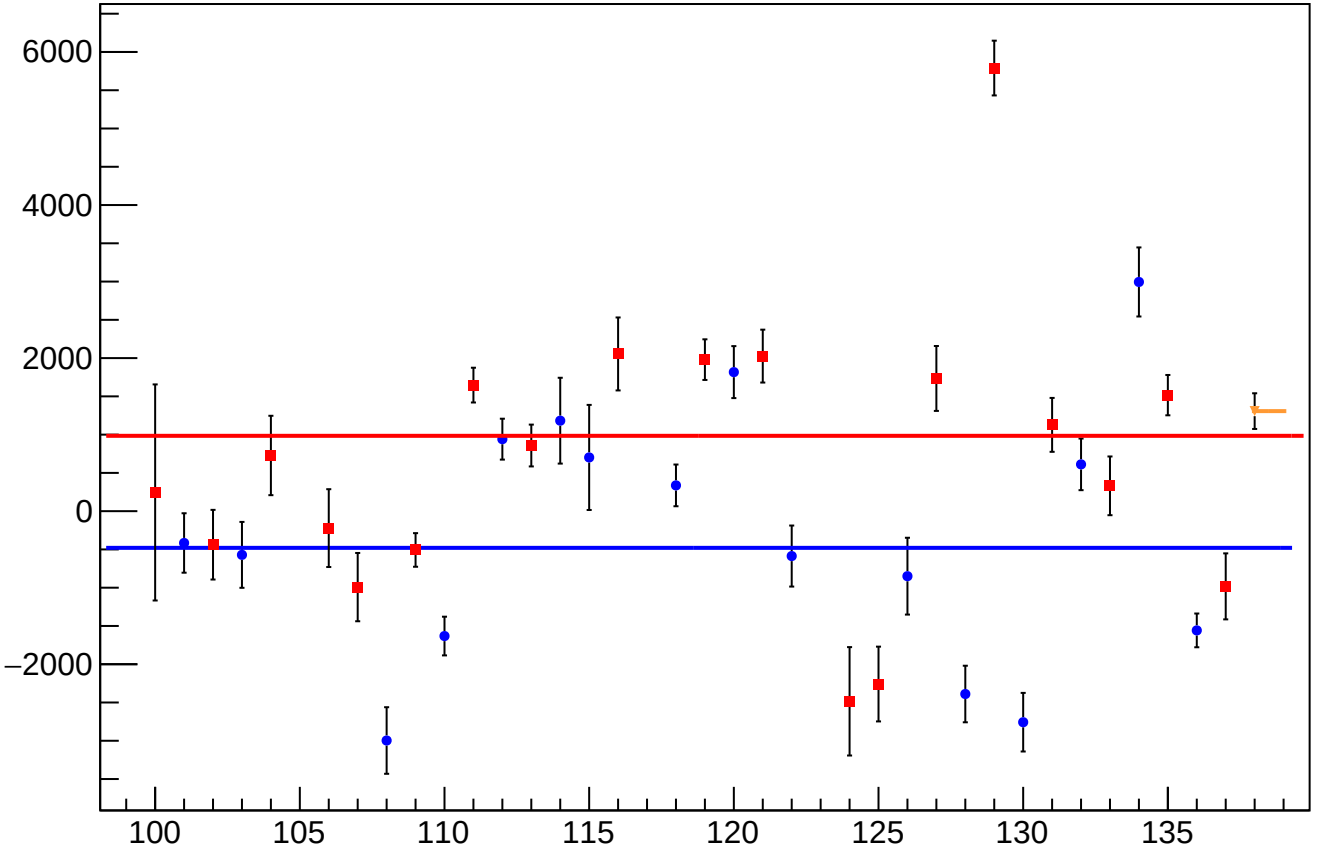
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 193.572+/-0.051 χ^2/NDF: 966516.1/16

All: 185.048+/-0.035 χ^2/NDF: 2380485.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -479.302+/-86.685 χ^2/NDF: 305.4/15

Left Out: 1307.275+/-233.095 χ^2/NDF:0.0/0

Right Out: 984.498+/-80.945 χ^2/NDF: 398.1/18

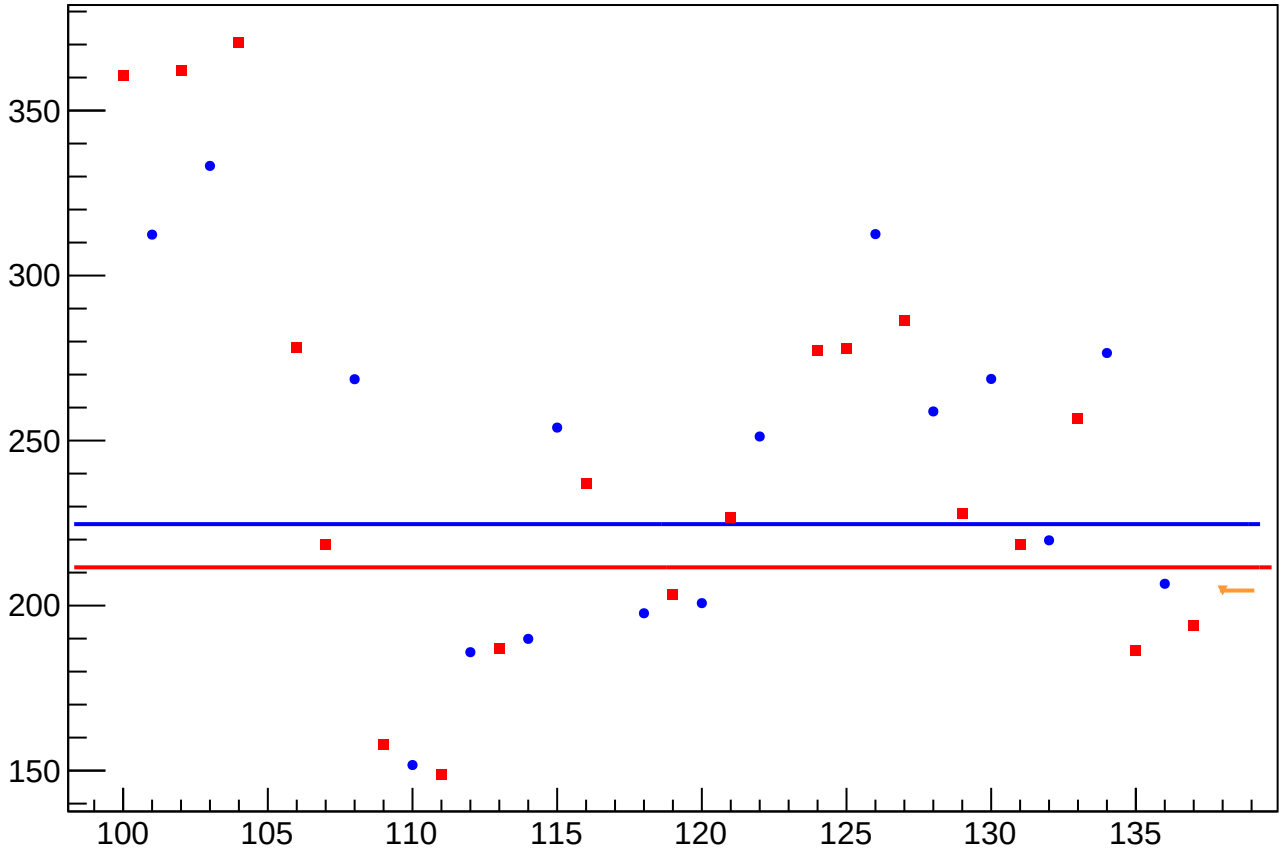
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -262.239+/-81.249 χ^2/NDF: 357.1/16

All: 363.460+/-57.344 χ^2/NDF: 873.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 224.683+/-0.061 χ^2/NDF: 653193.4/15

Left Out: 204.565+/-0.165 χ^2/NDF:0.0/0

Right Out: 211.595+/-0.057 χ^2/NDF: 932902.5/18

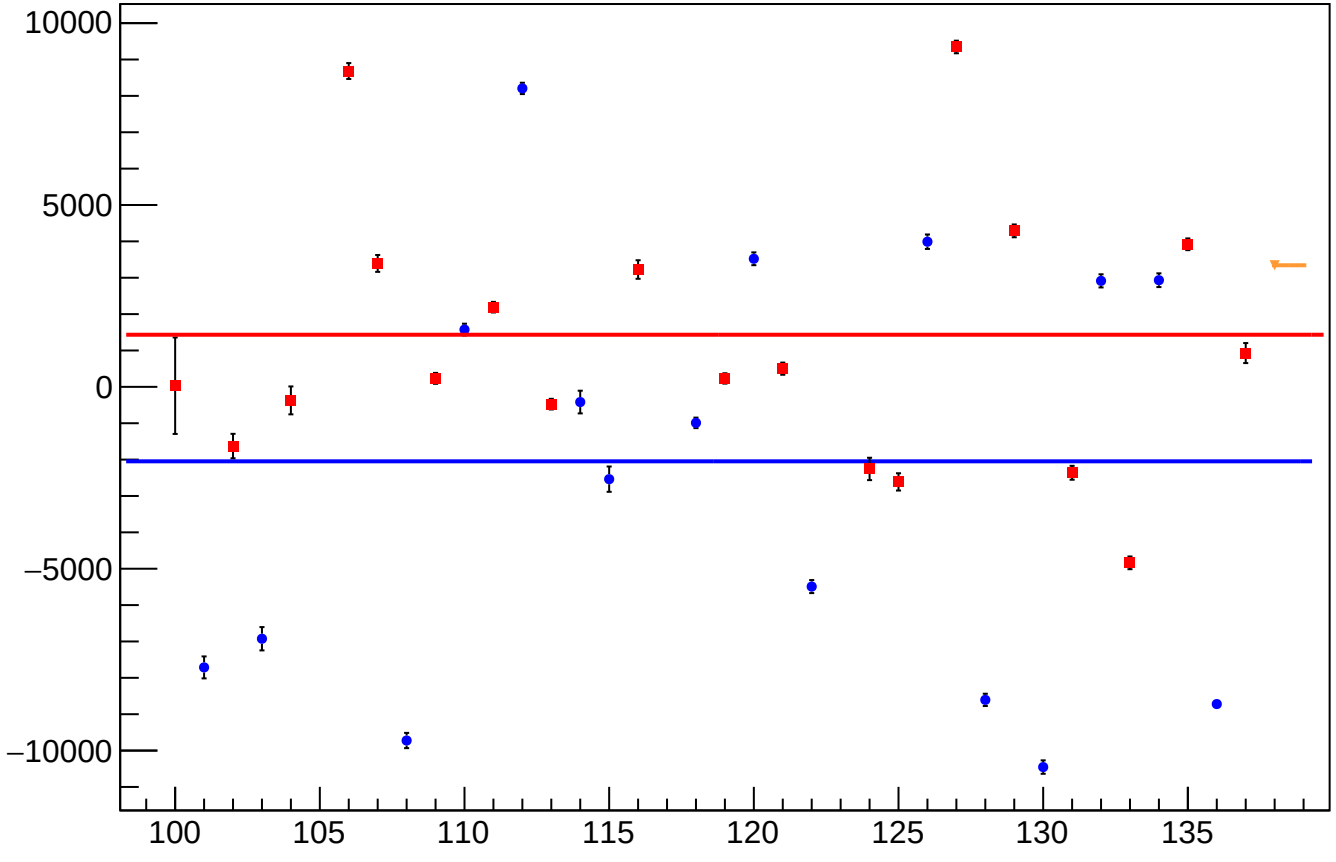
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 222.238+/-0.057 χ^2/NDF: 666280.7/16

All: 216.897+/-0.041 χ^2/NDF: 1616408.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -2047.267+/-46.722 χ^2/NDF: 16709.1/15

Left Out: 3343.195+/-127.533 χ^2/NDF:0.0/0

Right Out: 1432.909+/-44.729 χ^2/NDF: 6387.8/18

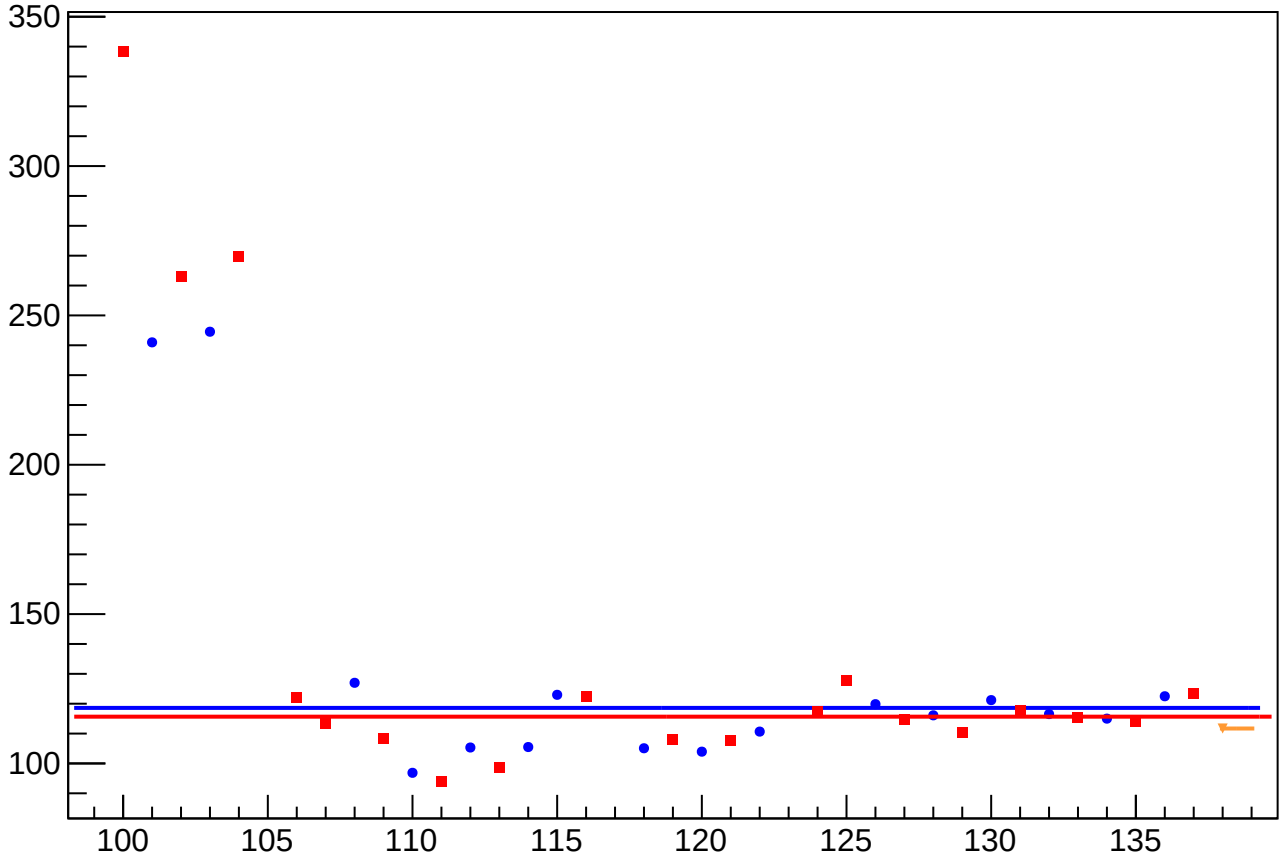
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1409.406+/-43.870 χ^2/NDF: 18284.3/16

All: -15.787+/-31.320 χ^2/NDF: 26730.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.596+/-0.033 χ^2/NDF: 734158.7/15

Left Out: 111.696+/-0.090 χ^2/NDF:0.0/0

Right Out: 115.660+/-0.032 χ^2/NDF: 864206.3/18

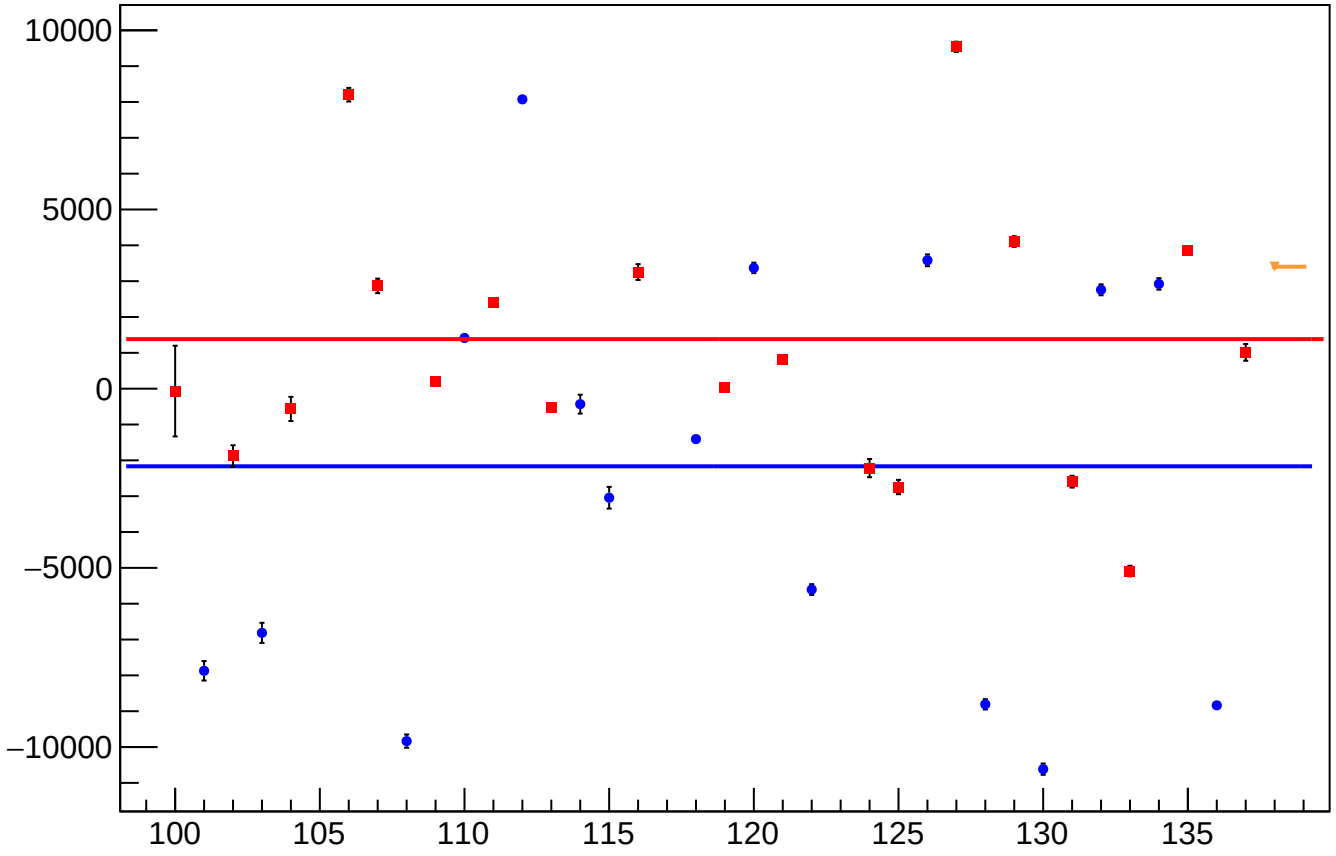
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 117.779+/-0.031 χ^2/NDF: 739320.8/16

All: 116.740+/-0.022 χ^2/NDF: 1605816.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -2165.877+/-39.632 χ^2/NDF: 22874.8/15

Left Out: 3402.596+/-116.248 χ^2/NDF:0.0/0

Right Out: 1383.103+/-37.976 χ^2/NDF: 9148.6/18

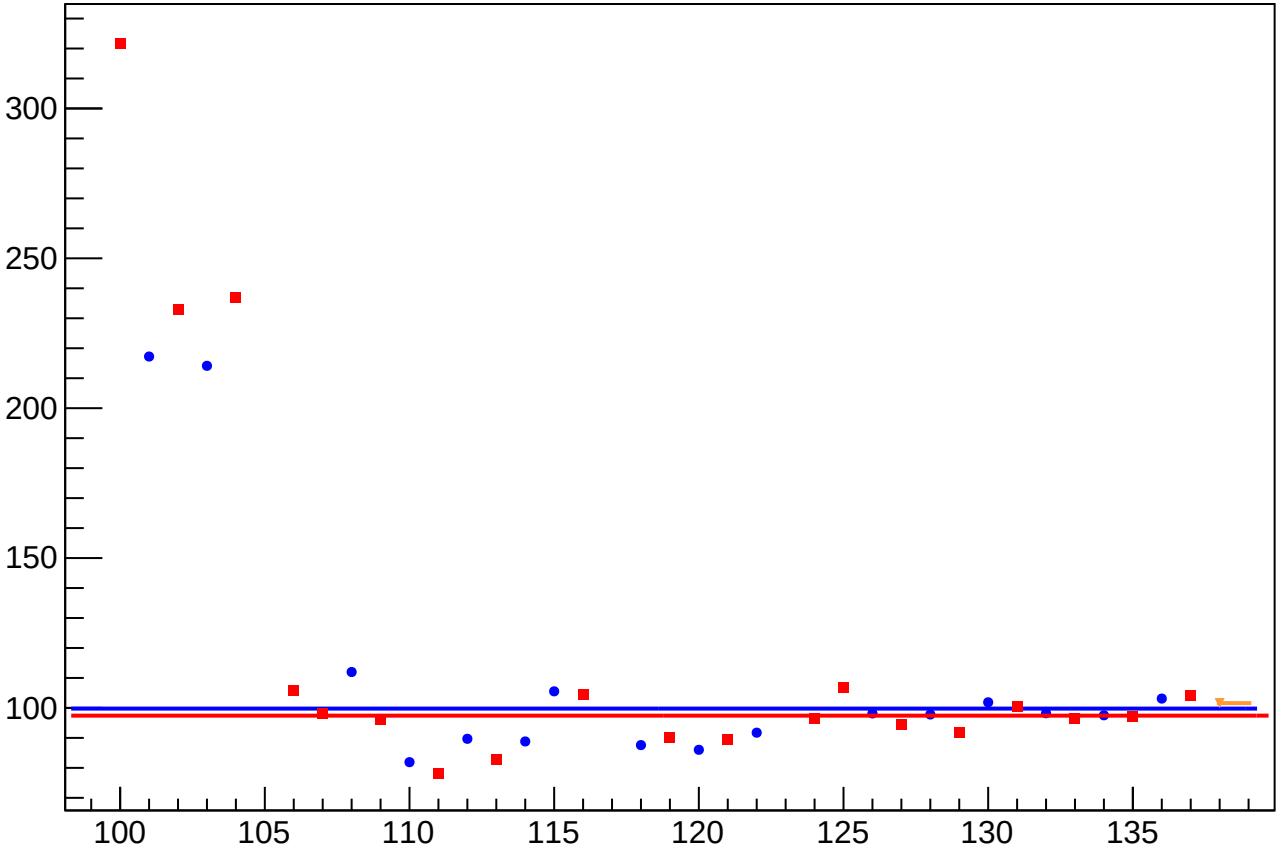
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1586.049+/-37.512 χ^2/NDF: 24930.4/16

All: -119.719+/-26.687 χ^2/NDF: 37173.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 99.775+/-0.028 χ^2/NDF: 809152.9/15

Left Out: 101.606+/-0.082 χ^2/NDF:0.0/0

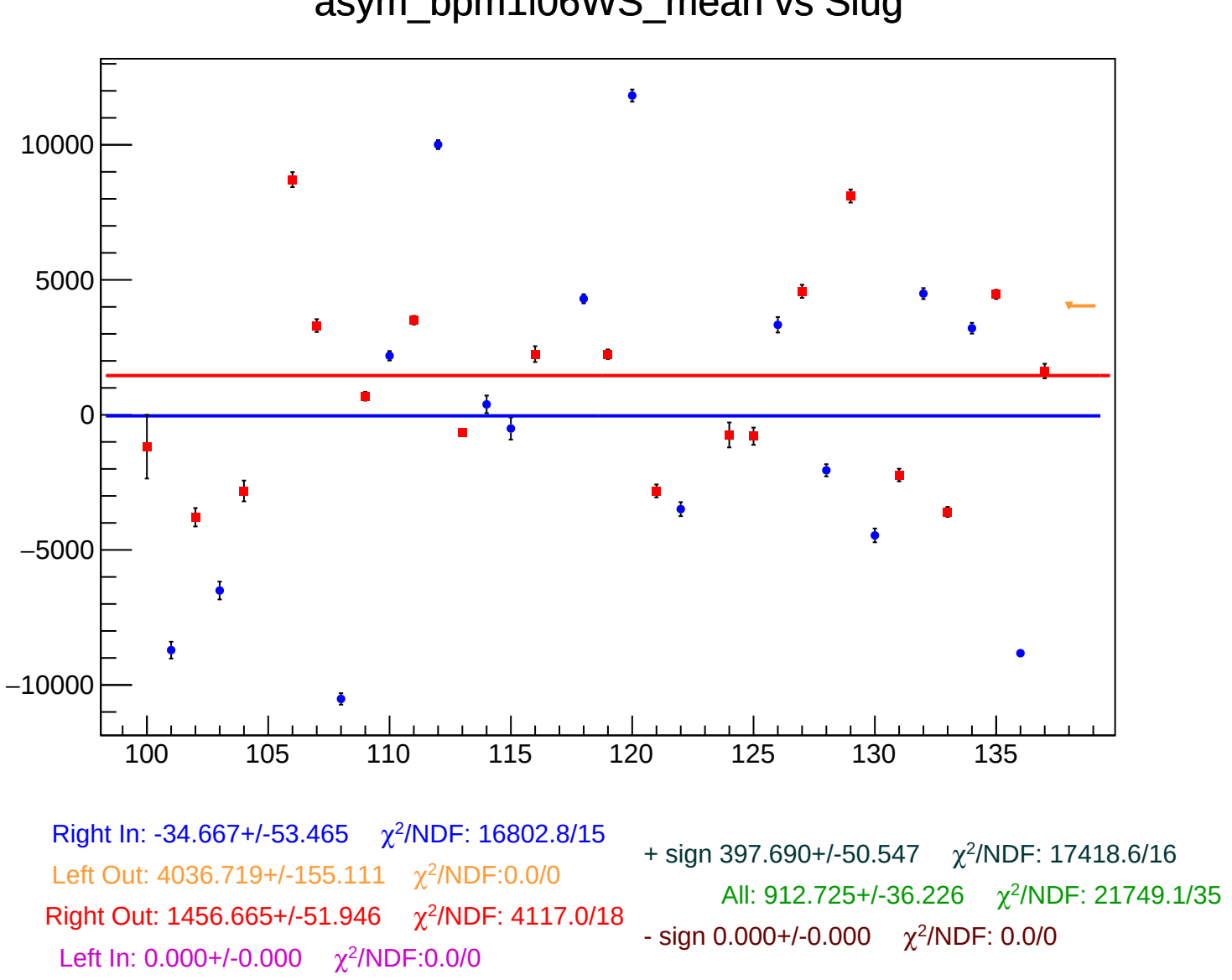
Right Out: 97.428+/-0.027 χ^2/NDF: 926047.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

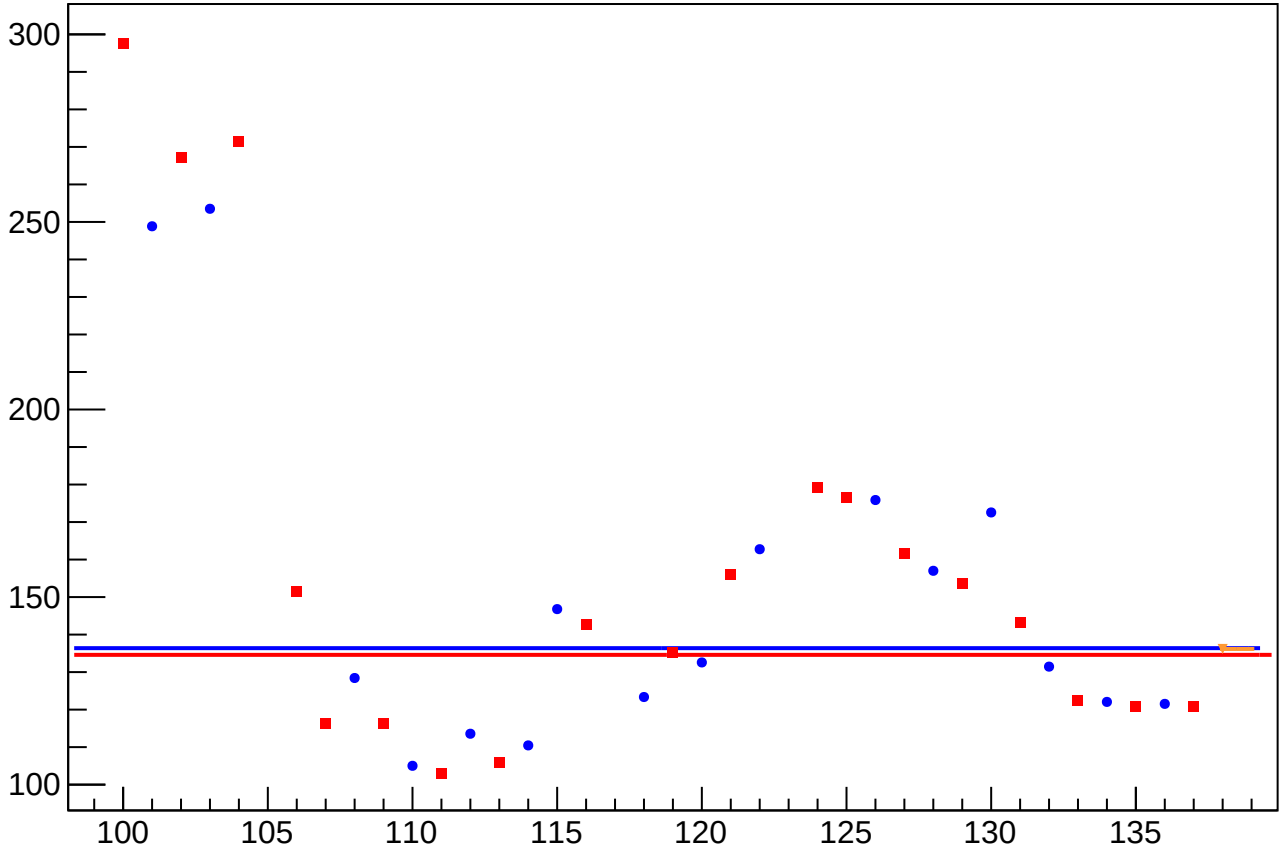
+ sign 99.965+/-0.027 χ^2/NDF: 809597.4/16

All: 98.712+/-0.019 χ^2/NDF: 1740165.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_bpm1i06WS_mean vs Slug
10000
5000
0
−5000
−10000
100
105
110
115
120
125
130
135
Right In: -34.667+/-53.465 χ²/NDF: 16802.8/15
Left Out: 4036.719+/-155.111 χ²/NDF:0.0/0
Right Out: 1456.665+/-51.946 χ²/NDF: 4117.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 397.690+/-50.547 χ²/NDF: 17418.6/16
All: 912.725+/-36.226 χ²/NDF: 21749.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 136.383+/-0.038 χ^2/NDF: 796855.7/15

Left Out: 136.169+/-0.110 χ^2/NDF:0.0/0

Right Out: 134.598+/-0.037 χ^2/NDF: 919605.2/18

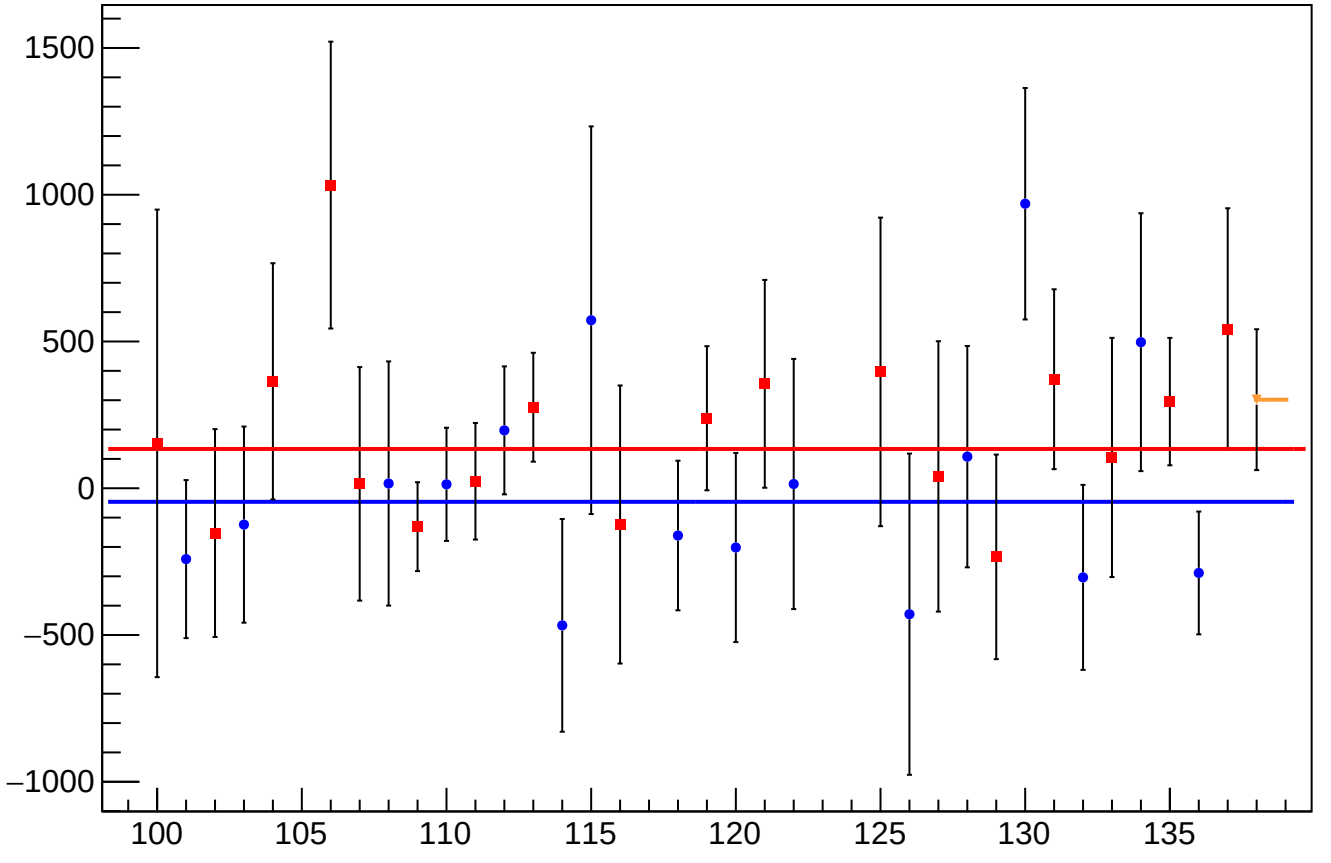
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.361+/-0.036 χ^2/NDF: 796859.1/16

All: 135.504+/-0.026 χ^2/NDF: 1717646.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -46.199+/-76.283 χ^2/NDF: 15.5/15

Left Out: 301.835+/-239.973 χ^2/NDF:0.0/0

Right Out: 133.913+/-68.414 χ^2/NDF: 12.8/17

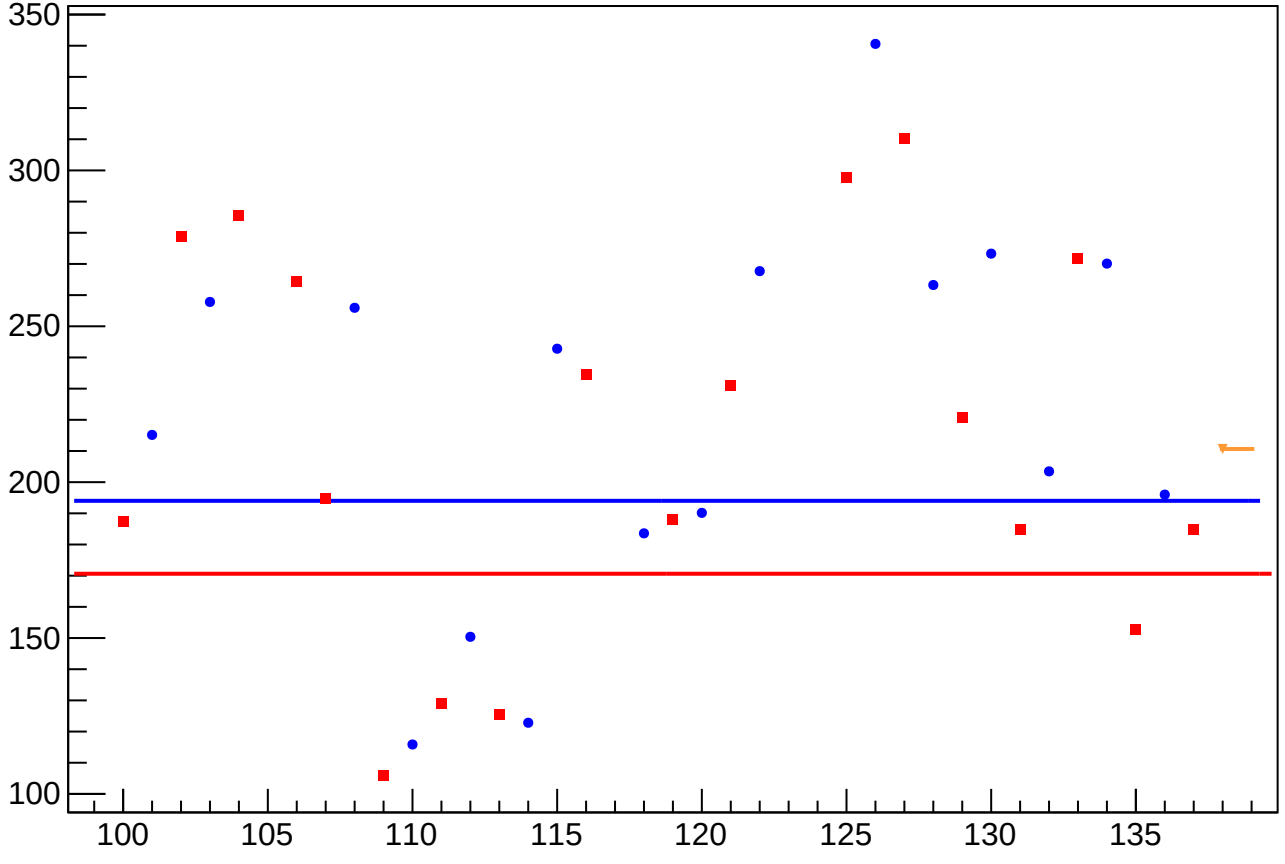
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -14.258+/-72.698 χ^2/NDF: 17.4/16

All: 64.322+/-49.822 χ^2/NDF: 32.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 194.017+/-0.054 χ^2/NDF: 1043588.7/15

Left Out: 210.648+/-0.170 χ^2/NDF:0.0/0

Right Out: 170.624+/-0.048 χ^2/NDF: 1593735.4/17

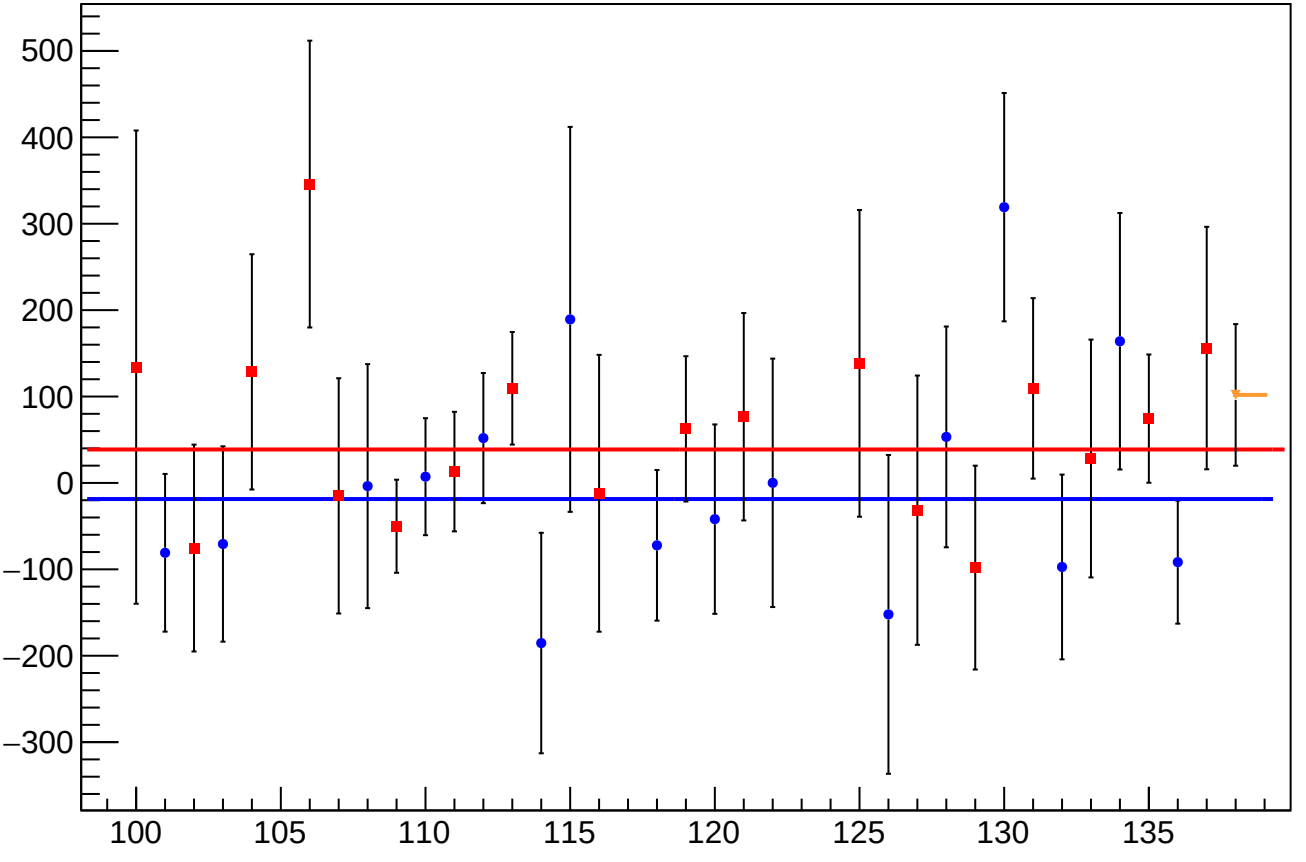
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.543+/-0.051 χ^2/NDF: 1052313.3/16

All: 182.327+/-0.035 χ^2/NDF: 2770676.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -18.645+/-26.122 χ^2/NDF: 15.2/15

Left Out: 101.896+/-81.956 χ^2/NDF:0.0/0

Right Out: 38.716+/-23.652 χ^2/NDF: 12.6/17

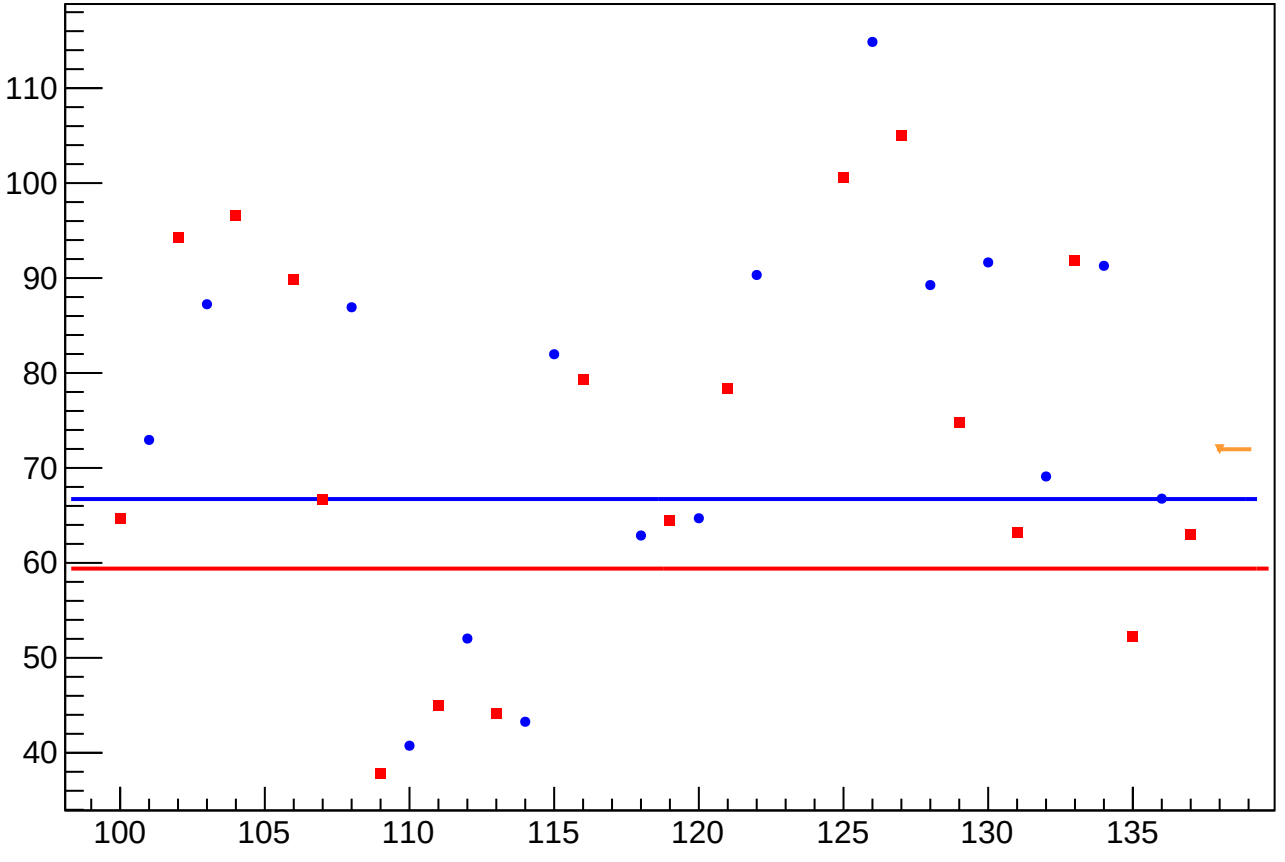
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.528+/-24.889 χ^2/NDF: 17.2/16

All: 16.772+/-17.145 χ^2/NDF: 31.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 66.724+/-0.018 χ^2/NDF: 947040.2/15

Left Out: 71.968+/-0.058 χ^2/NDF:0.0/0

Right Out: 59.400+/-0.017 χ^2/NDF: 1445371.1/17

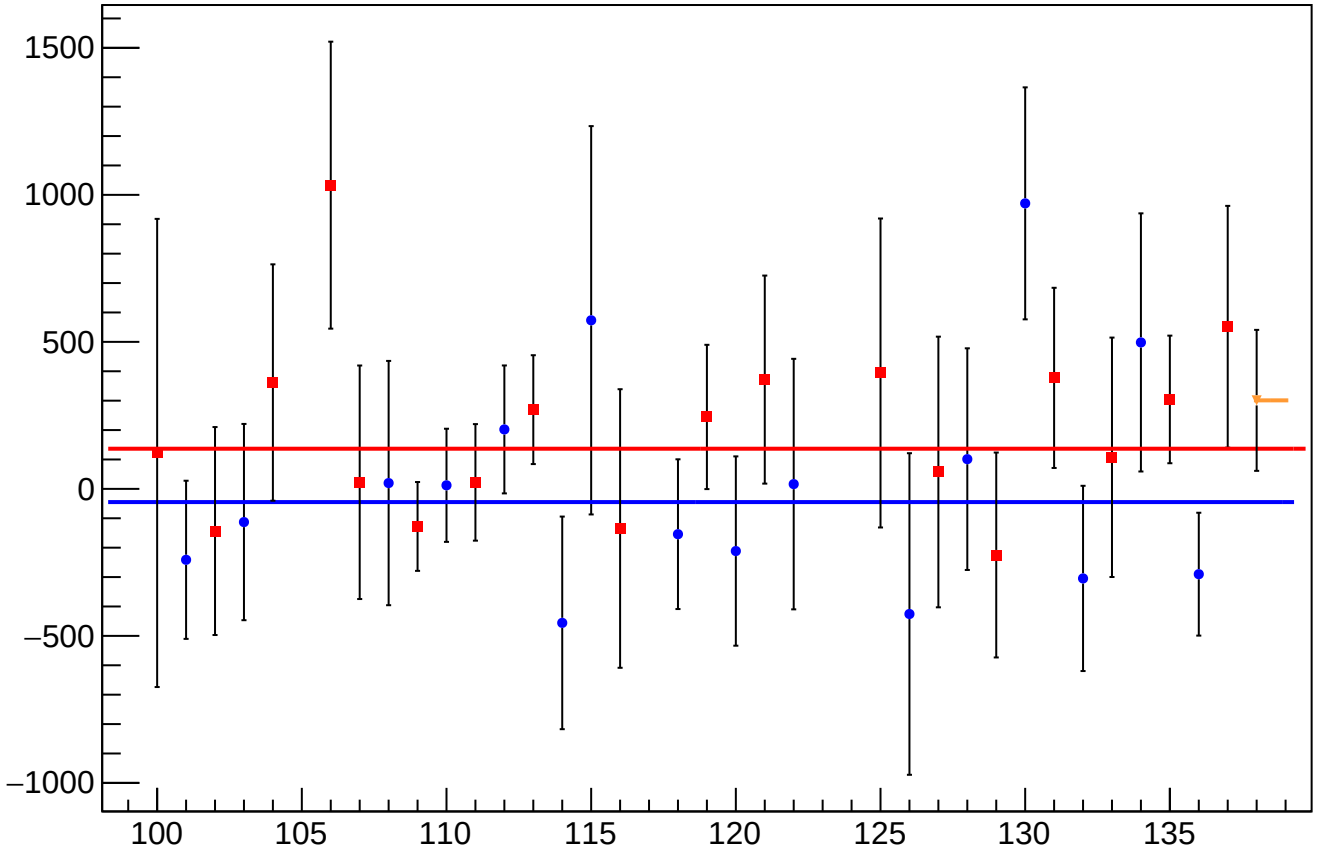
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 67.208+/-0.018 χ^2/NDF: 954473.9/16

All: 63.105+/-0.012 χ^2/NDF: 2503260.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -44.917+/-76.198 χ^2/NDF: 15.5/15

Left Out: 301.038+/-239.739 χ^2/NDF:0.0/0

Right Out: 136.579+/-68.322 χ^2/NDF: 12.9/17

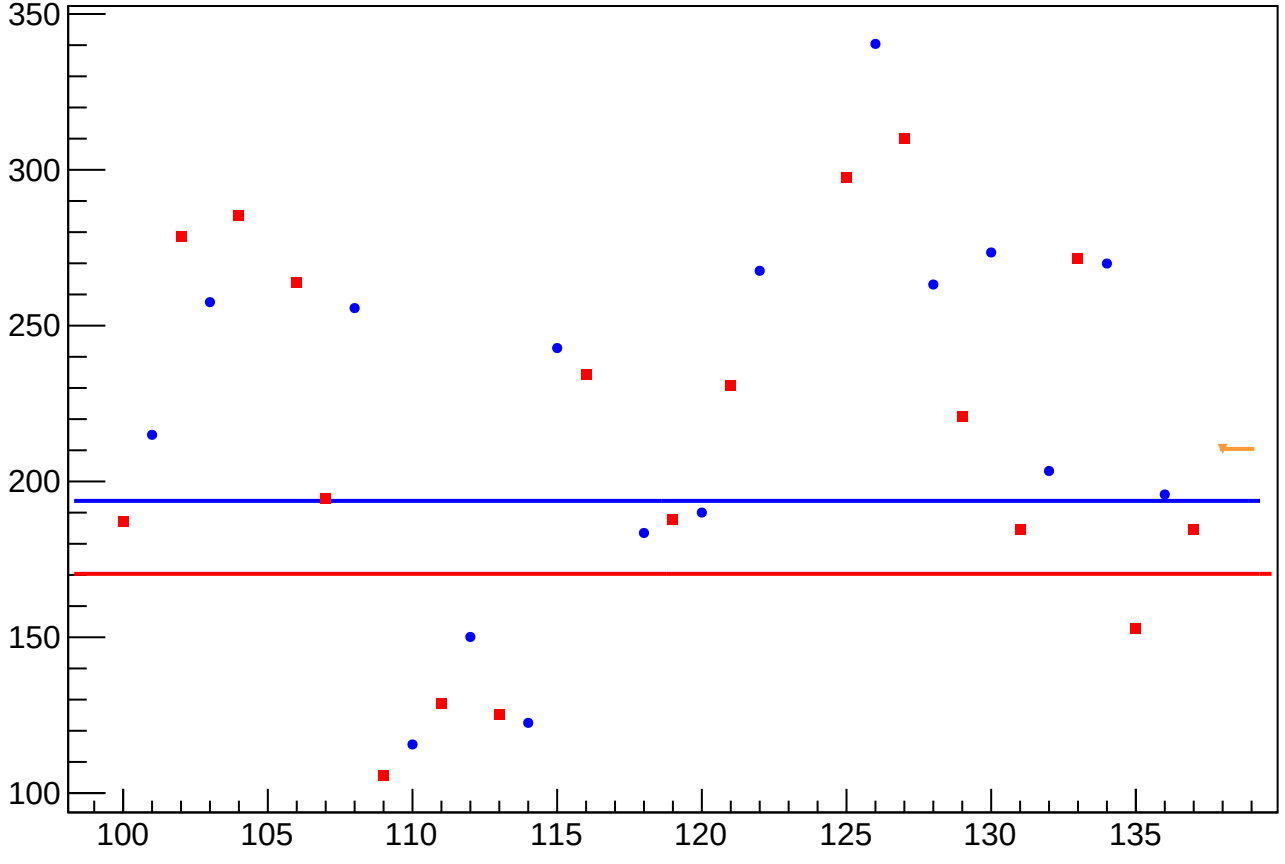
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -13.175+/-72.618 χ^2/NDF: 17.4/16

All: 66.263+/-49.761 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 193.768+/-0.054 χ^2/NDF: 1048095.1/15

Left Out: 210.443+/-0.170 χ^2/NDF:0.0/0

Right Out: 170.358+/-0.048 χ^2/NDF: 1599025.1/17

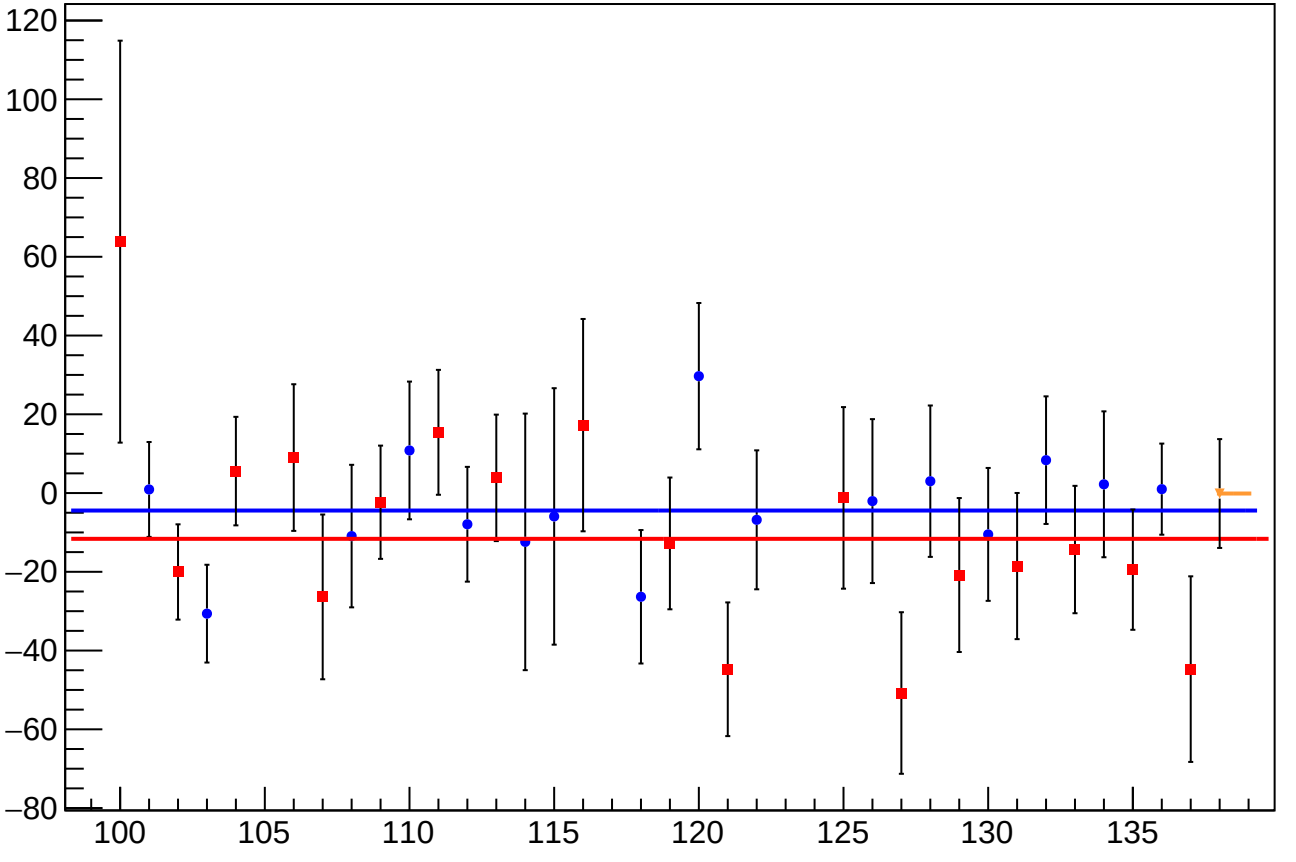
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 195.298+/-0.051 χ^2/NDF: 1056883.5/16

All: 182.068+/-0.035 χ^2/NDF: 2781044.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -4.440+/-4.131 χ^2/NDF: 12.0/15

Left Out: -0.120+/-13.821 χ^2/NDF:0.0/0

Right Out: -11.627+/-4.137 χ^2/NDF: 21.6/17

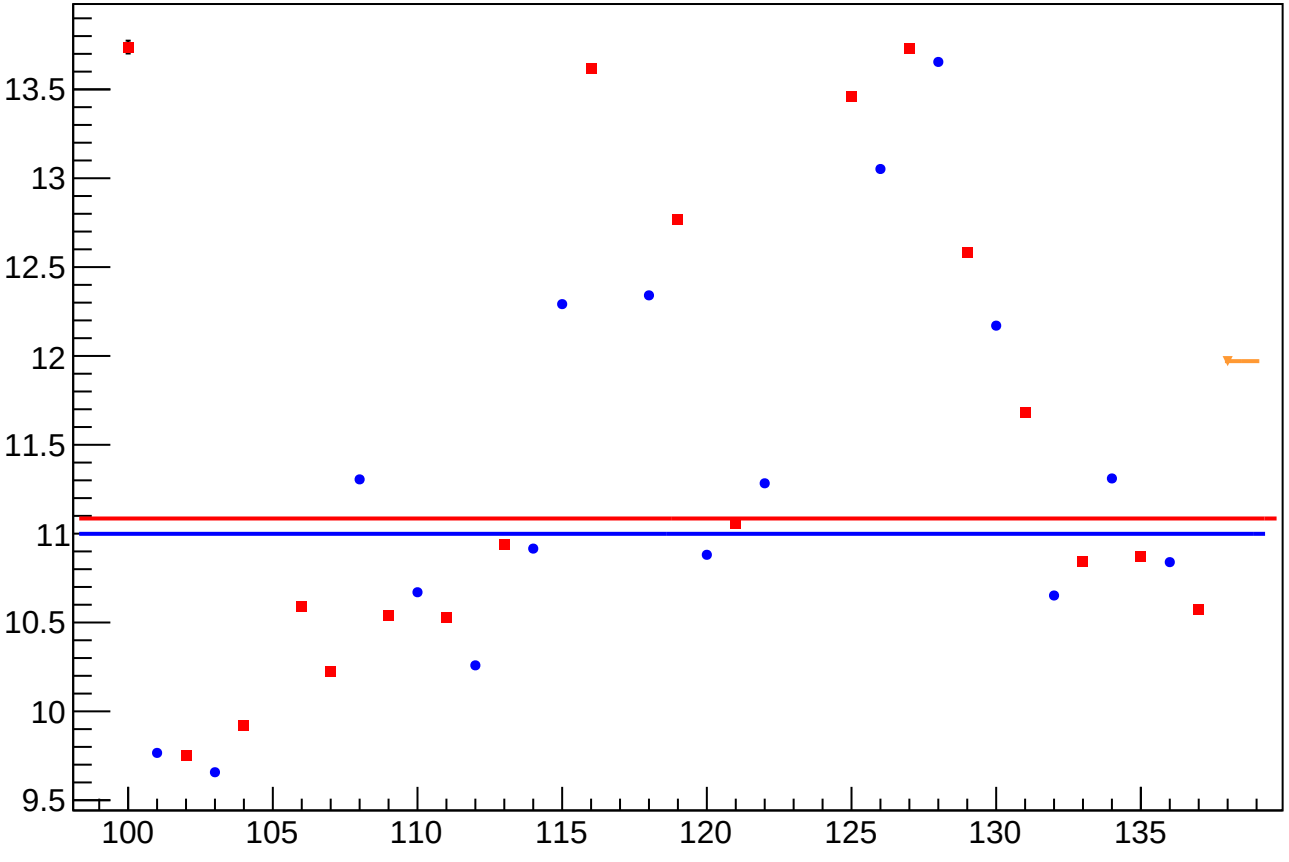
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.086+/-3.958 χ^2/NDF: 12.1/16

All: -7.690+/-2.860 χ^2/NDF: 35.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 10.999+/-0.003 χ^2/NDF: 136159.2/15

Left Out: 11.971+/-0.010 χ^2/NDF:0.0/0

Right Out: 11.085+/-0.003 χ^2/NDF: 162204.2/17

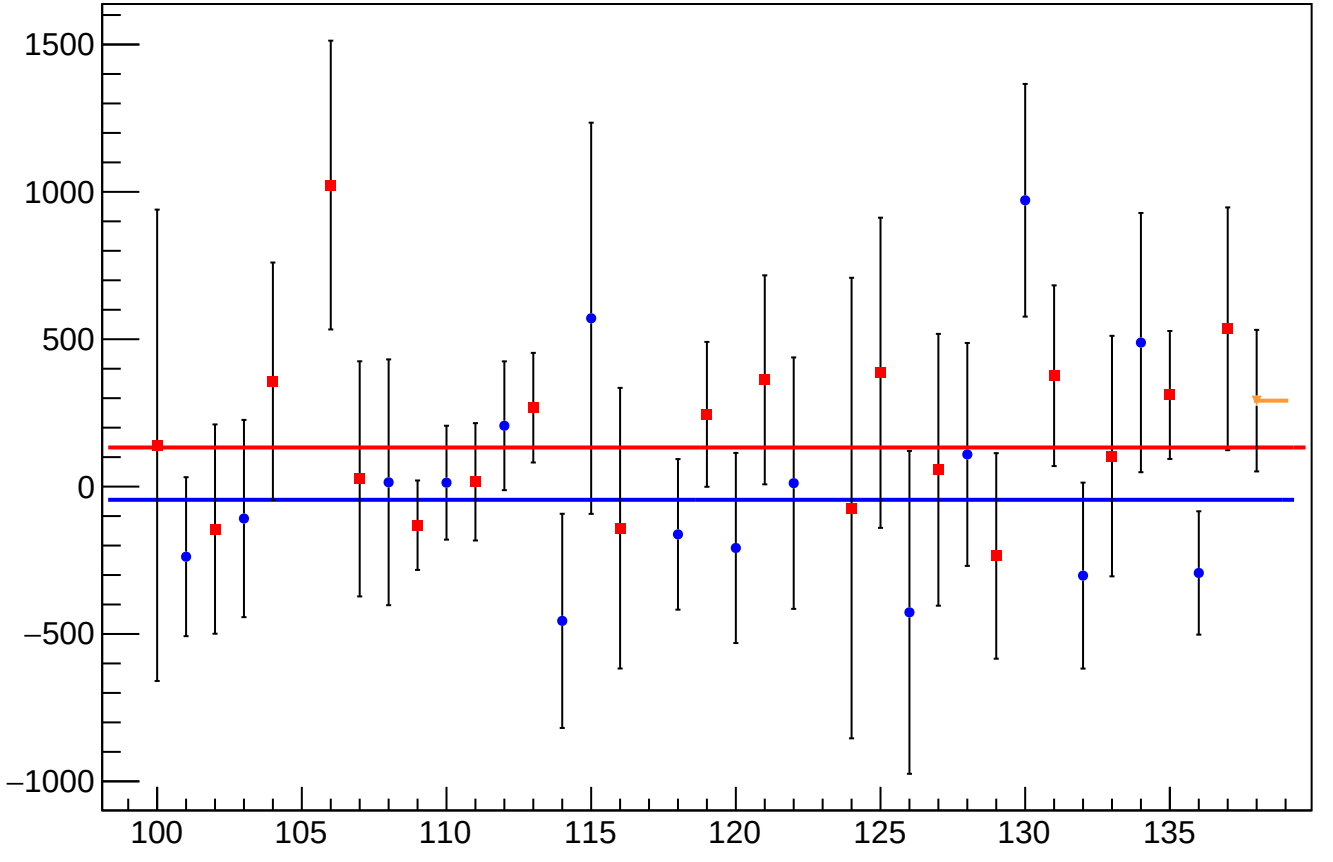
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.079+/-0.003 χ^2/NDF: 145235.1/16

All: 11.082+/-0.002 χ^2/NDF: 307442.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -44.797+/-76.424 χ^2/NDF: 15.4/15

Left Out: 291.677+/-240.125 χ^2/NDF:0.0/0

Right Out: 132.730+/-68.270 χ^2/NDF: 12.9/18

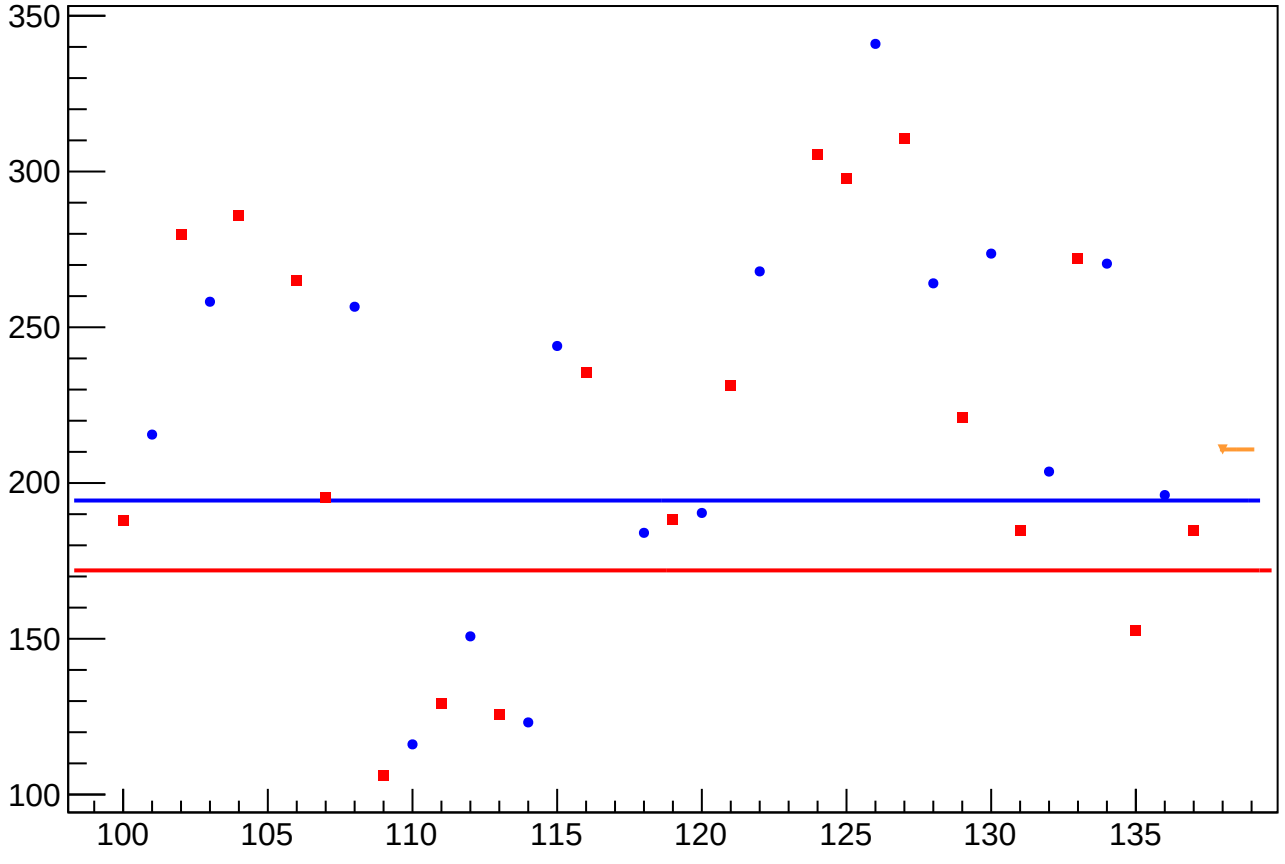
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -13.849+/-72.824 χ^2/NDF: 17.2/16

All: 64.167+/-49.806 χ^2/NDF: 32.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 194.385+/-0.054 χ^2/NDF: 1042024.1/15

Left Out: 210.780+/-0.170 χ^2/NDF:0.0/0

Right Out: 171.949+/-0.048 χ^2/NDF: 1651343.7/18

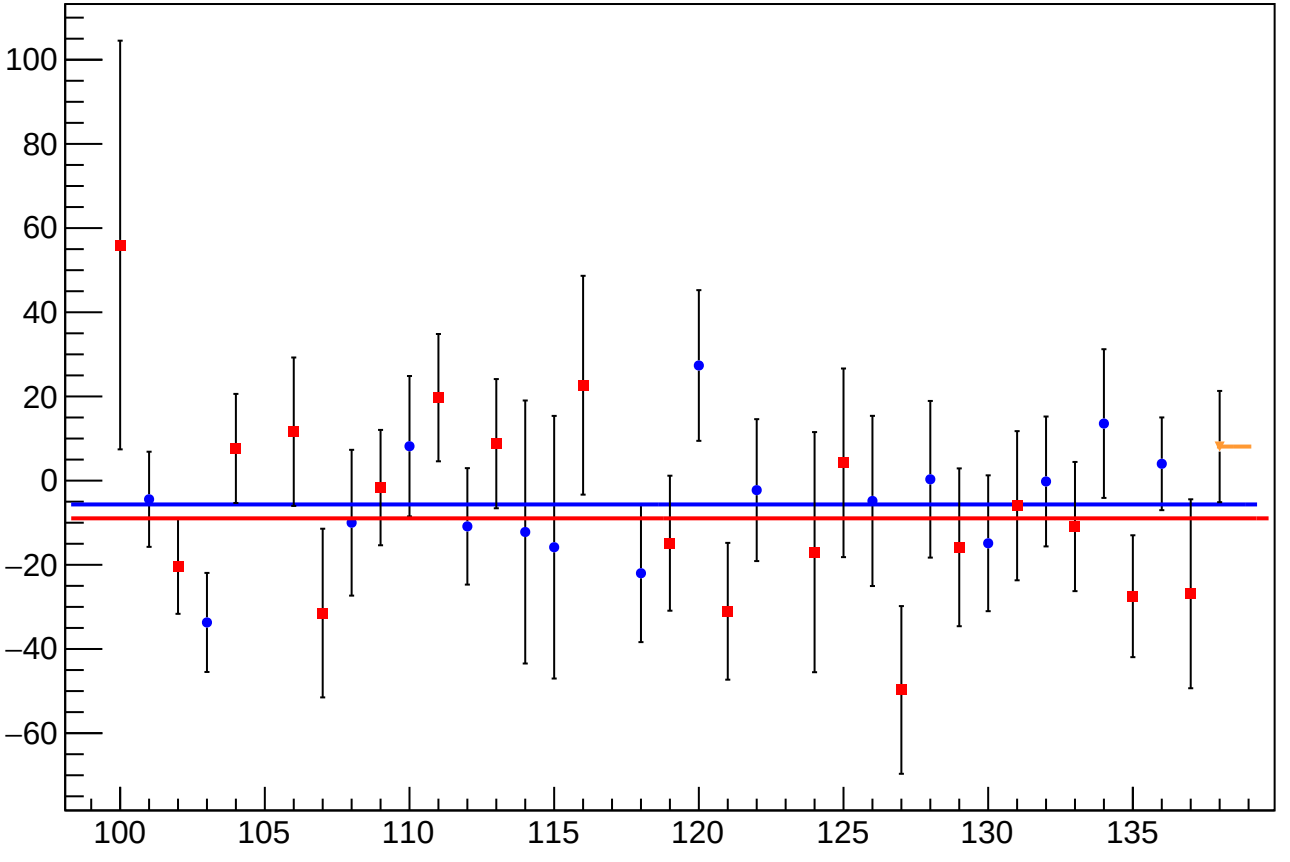
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 195.893+/-0.051 χ^2/NDF: 1050490.1/16

All: 183.149+/-0.035 χ^2/NDF: 2816912.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -5.657+/-3.939 χ^2/NDF: 13.7/15

Left Out: 8.096+/-13.216 χ^2/NDF:0.0/0

Right Out: -8.960+/-3.901 χ^2/NDF: 22.8/18

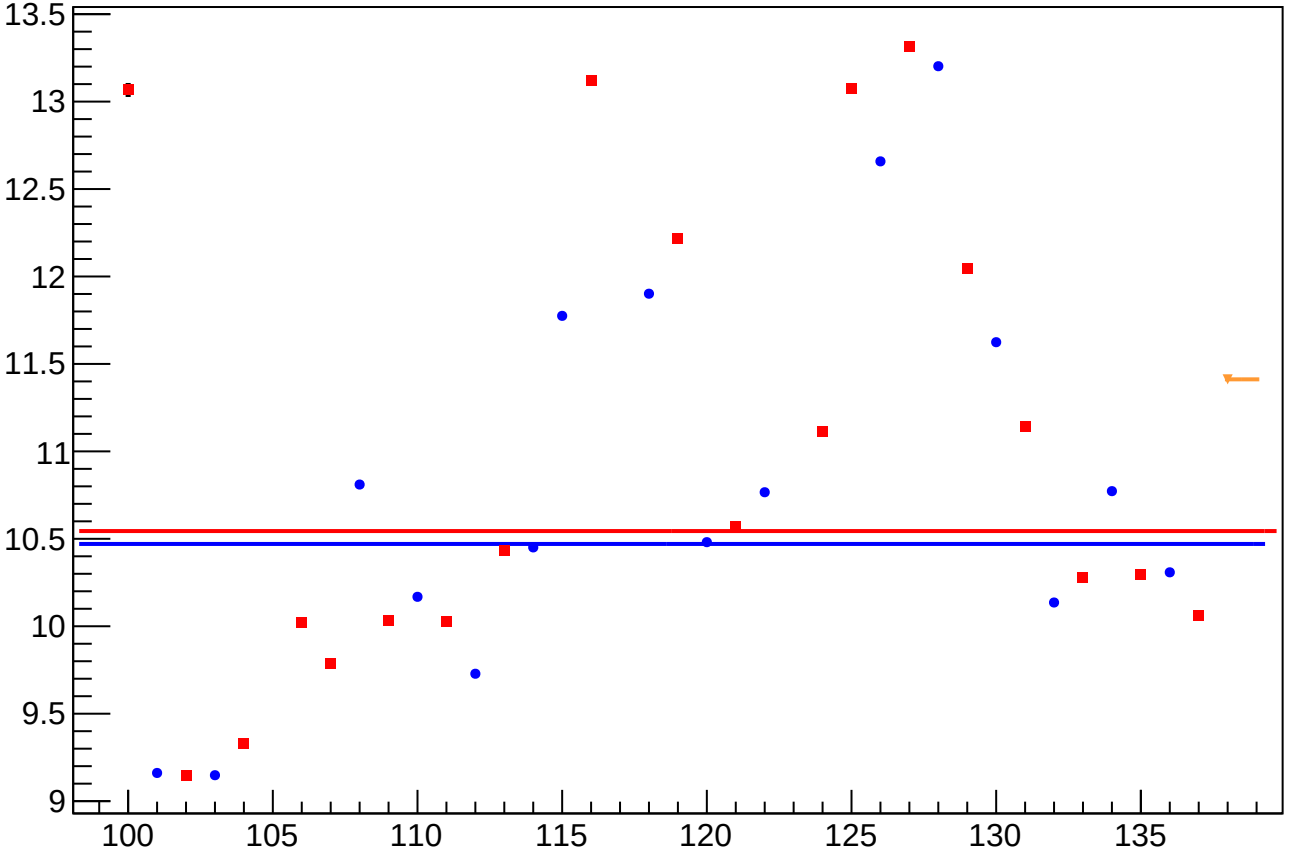
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.535+/-3.775 χ^2/NDF: 14.7/16

All: -6.675+/-2.713 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 10.471+/-0.003 χ^2/NDF: 157365.8/15

Left Out: 11.412+/-0.009 χ^2/NDF:0.0/0

Right Out: 10.544+/-0.003 χ^2/NDF: 186780.3/18

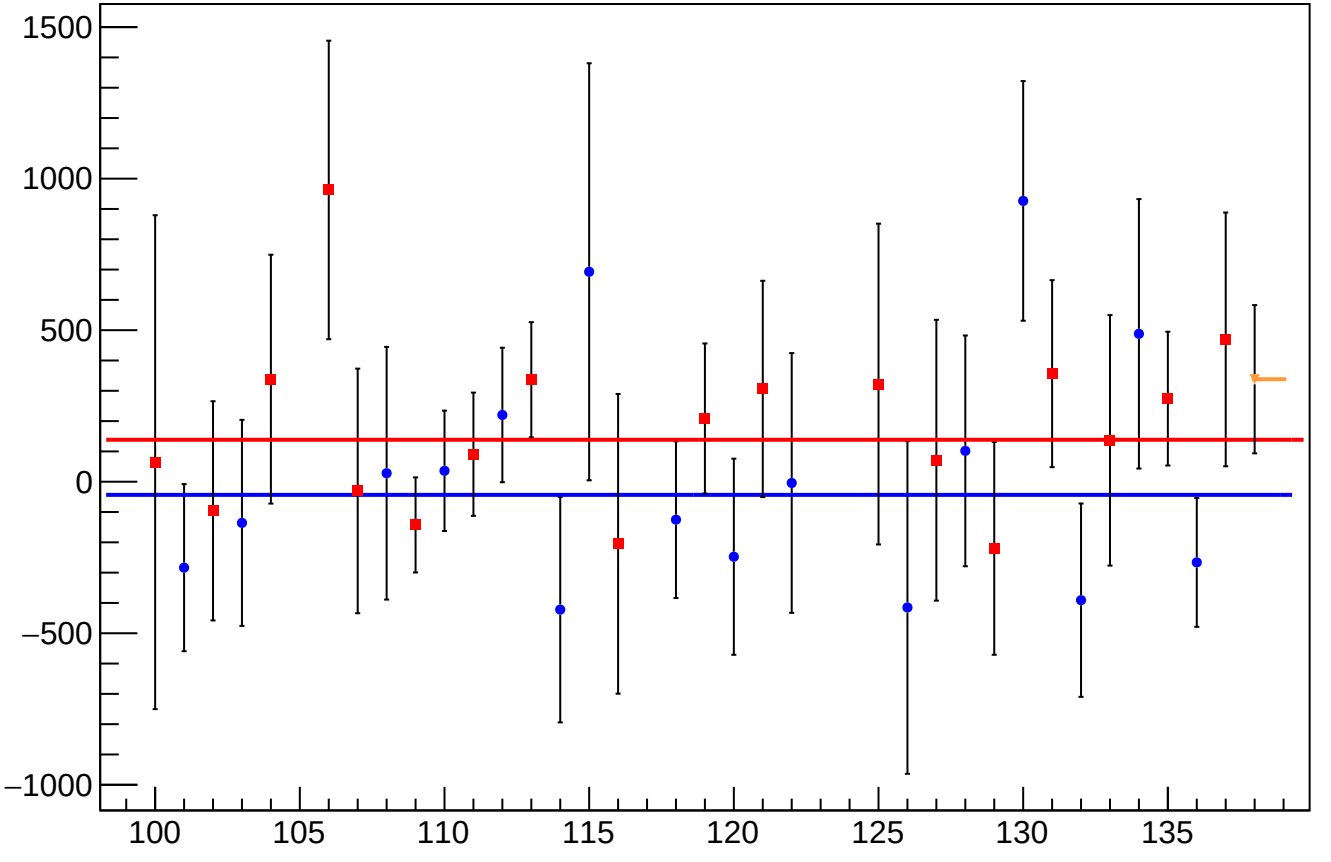
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.547+/-0.003 χ^2/NDF: 166682.9/16

All: 10.546+/-0.002 χ^2/NDF: 353463.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -43.384+/-77.584 χ^2/NDF: 15.5/15

Left Out: 338.188+/-244.573 χ^2/NDF:0.0/0

Right Out: 138.455+/-69.833 χ^2/NDF: 11.5/17

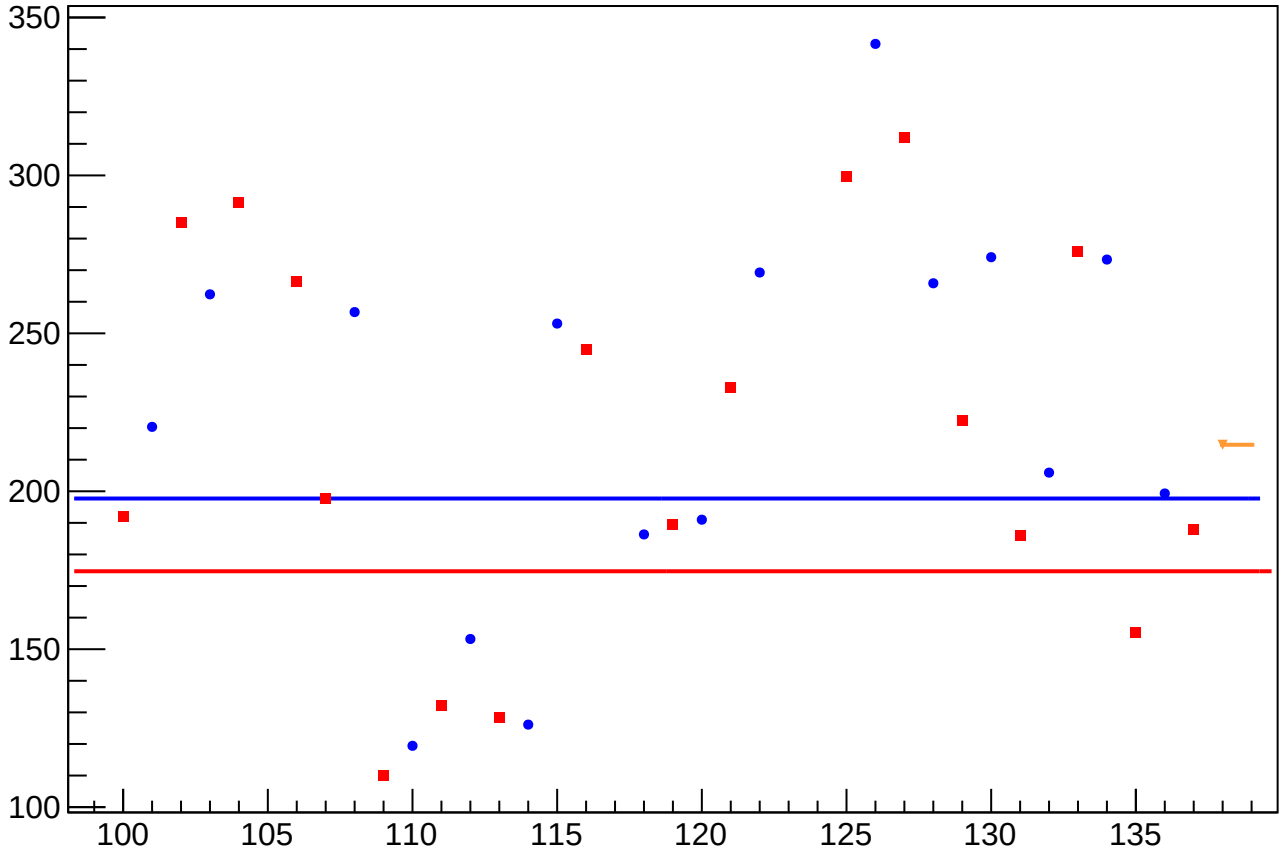
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.497+/-73.952 χ^2/NDF: 17.7/16

All: 69.185+/-50.773 χ^2/NDF: 31.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 197.707+/-0.055 χ^2/NDF: 1000324.6/15

Left Out: 214.726+/-0.173 χ^2/NDF:0.0/0

Right Out: 174.679+/-0.049 χ^2/NDF: 1534751.1/17

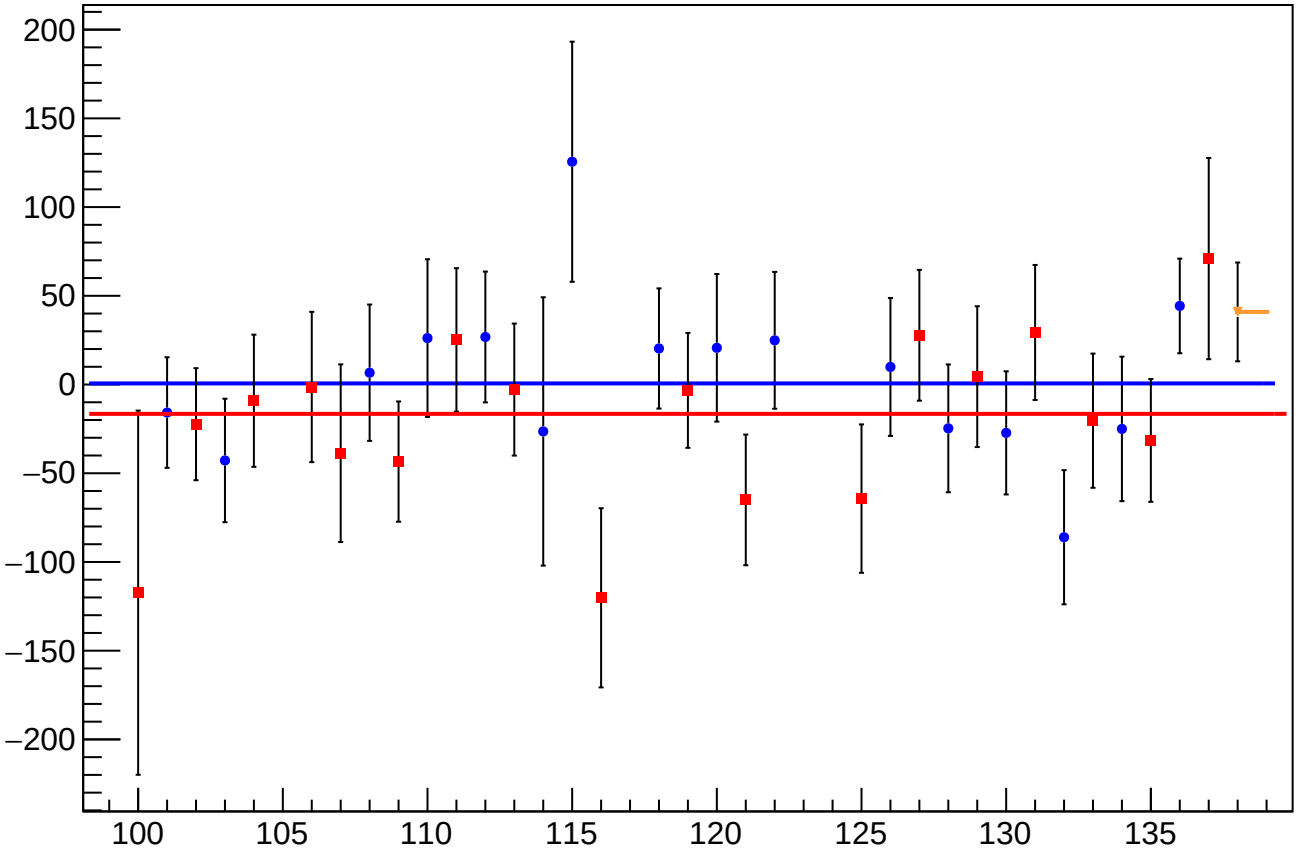
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 199.263+/-0.052 χ^2/NDF: 1009123.2/16

All: 186.267+/-0.036 χ^2/NDF: 2660714.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: 0.619+/-9.421 χ^2/NDF: 16.7/15

Left Out: 40.923+/-27.843 χ^2/NDF:0.0/0

Right Out: -16.534+/-9.307 χ^2/NDF: 16.4/17

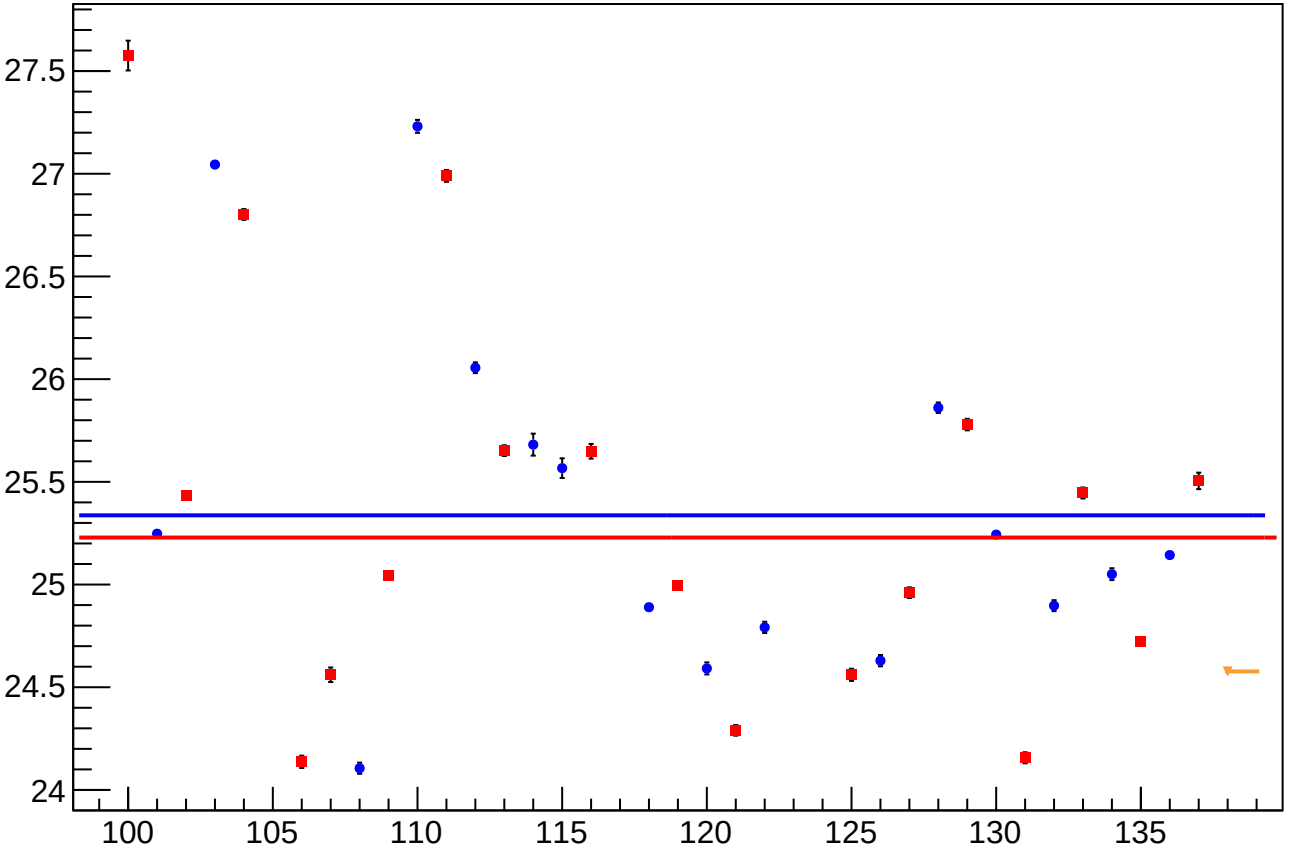
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.760+/-8.924 χ^2/NDF: 18.6/16

All: -5.440+/-6.441 χ^2/NDF: 37.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.337+/-0.007 χ^2/NDF: 14315.0/15

Left Out: 24.577+/-0.020 χ^2/NDF:0.0/0

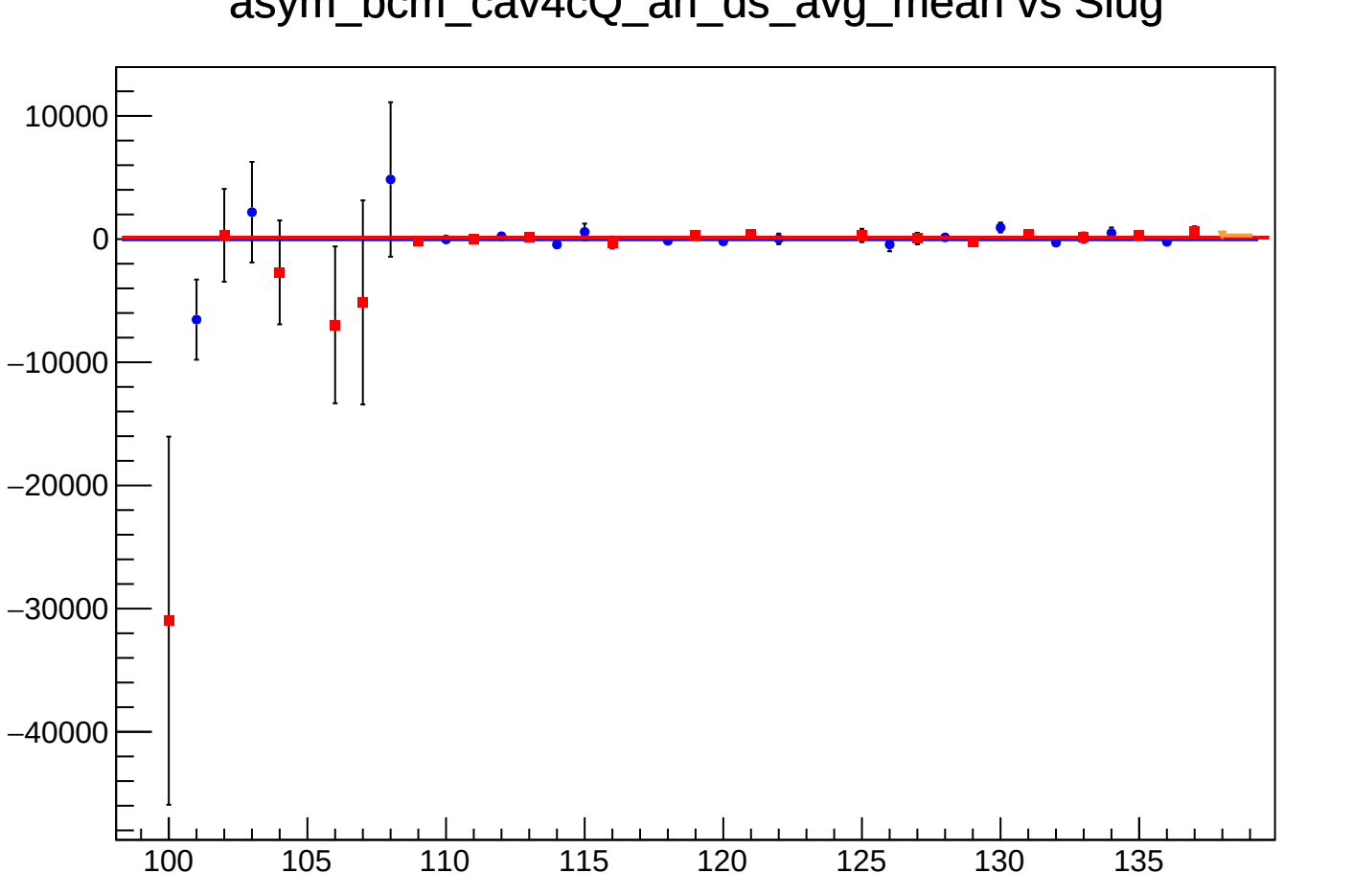
Right Out: 25.229+/-0.007 χ^2/NDF: 15176.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.259+/-0.006 χ^2/NDF: 15652.3/16

All: 25.244+/-0.005 χ^2/NDF: 30839.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -13.160+/-84.454 χ^2/NDF: 18.3/15

Left Out: 300.873+/-239.843 χ^2/NDF:0.0/0

Right Out: 119.984+/-78.247 χ^2/NDF: 14.4/17

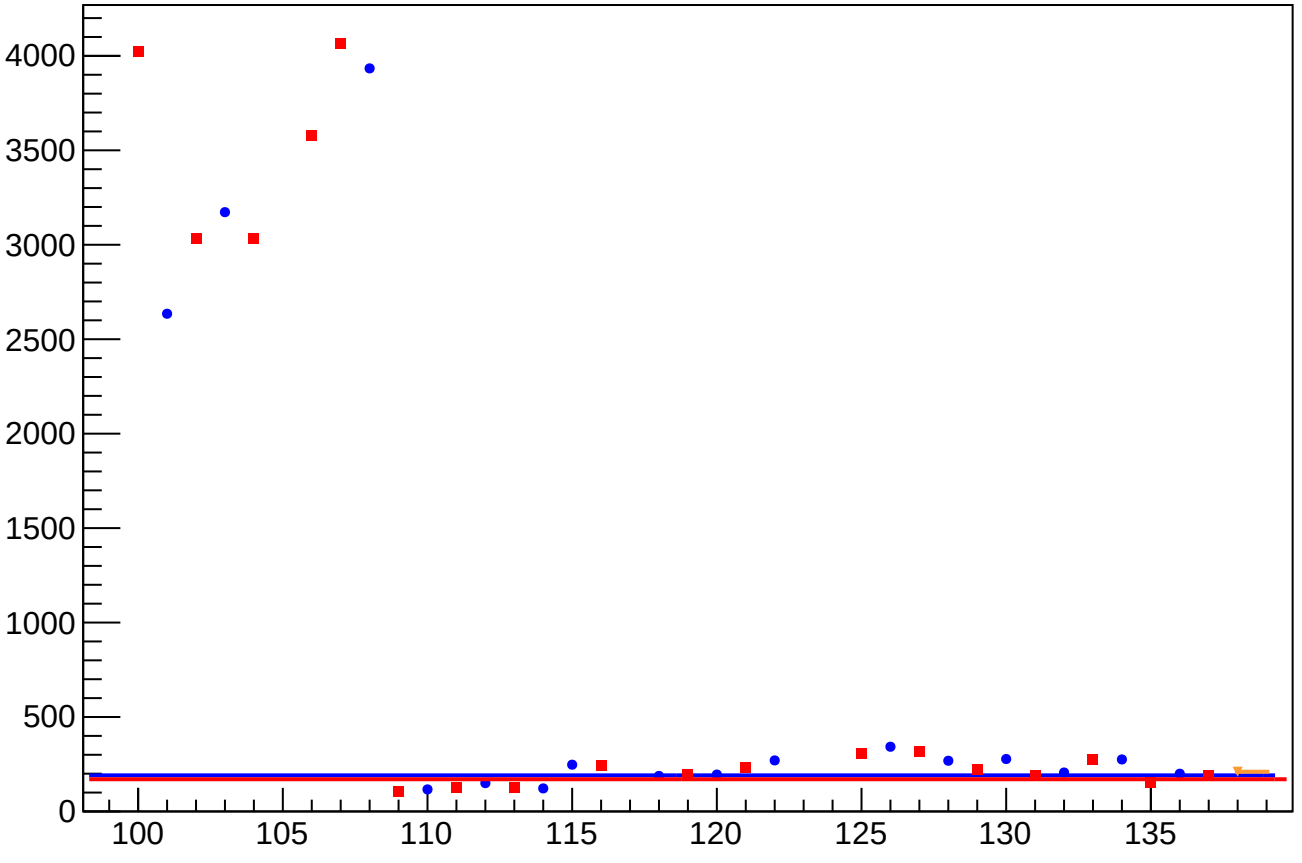
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.481+/-79.660 χ^2/NDF: 19.8/16

All: 71.614+/-55.822 χ^2/NDF: 35.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 191.070+/-0.060 χ^2/NDF: 3833952.4/15

Left Out: 210.354+/-0.170 χ^2/NDF:0.0/0

Right Out: 170.494+/-0.055 χ^2/NDF: 4254820.8/17

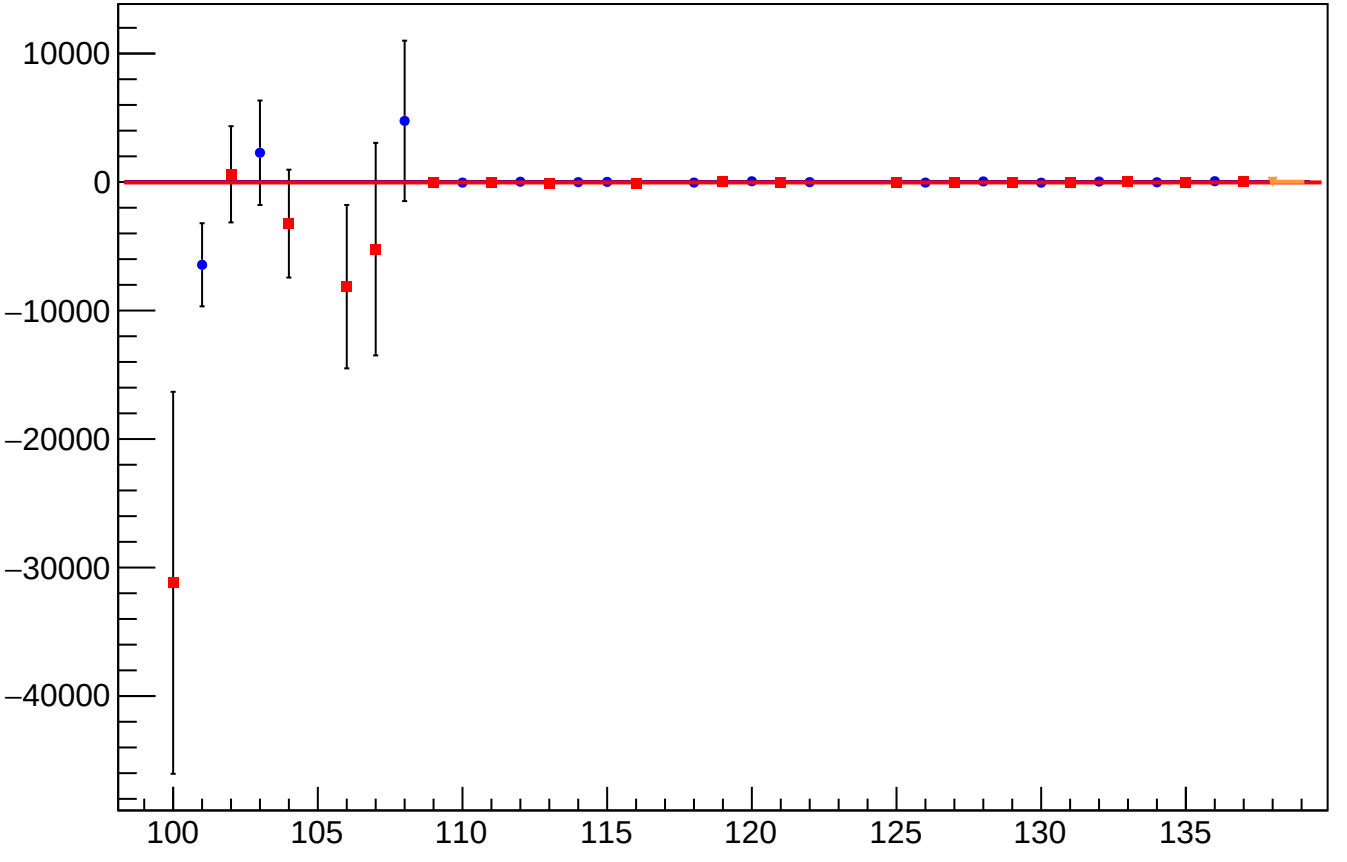
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 193.197+/-0.056 χ^2/NDF: 3845456.0/16

All: 181.642+/-0.039 χ^2/NDF: 8182958.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: 6.490+/-11.764 χ^2/NDF: 18.3/15

Left Out: 19.896+/-31.961 χ^2/NDF:0.0/0

Right Out: -30.740+/-12.084 χ^2/NDF: 19.9/17

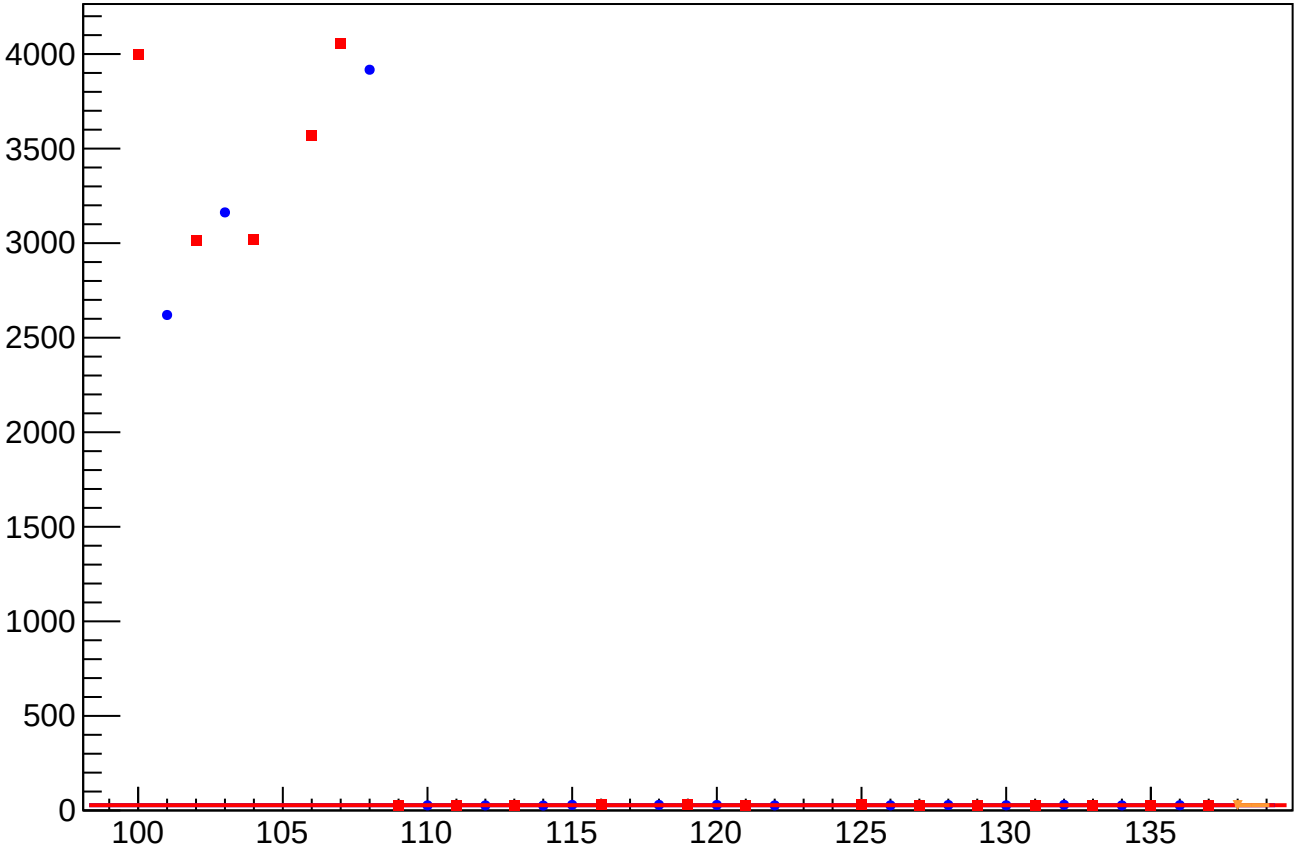
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.089+/-11.040 χ^2/NDF: 18.4/16

All: -9.576+/-8.151 χ^2/NDF: 43.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.825+/-0.008 χ^2/NDF: 3265895.3/15

Left Out: 28.189+/-0.023 χ^2/NDF:0.0/0

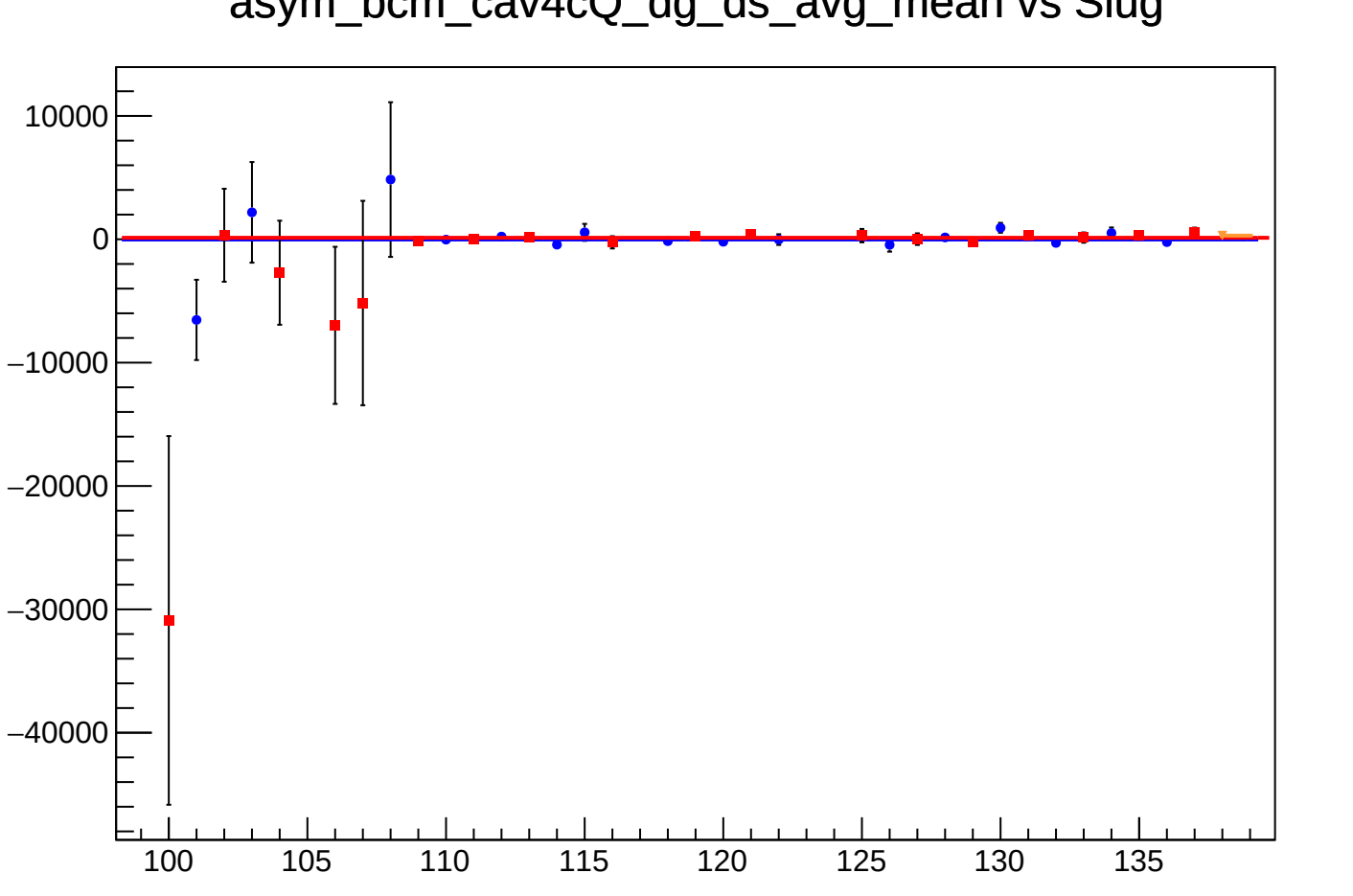
Right Out: 27.778+/-0.009 χ^2/NDF: 3558398.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.868+/-0.008 χ^2/NDF: 3266124.4/16

All: 27.827+/-0.006 χ^2/NDF: 6824583.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -19.522+/-85.063 χ^2/NDF: 18.2/15

Left Out: 296.035+/-241.036 χ^2/NDF:0.0/0

Right Out: 121.544+/-78.844 χ^2/NDF: 13.2/17

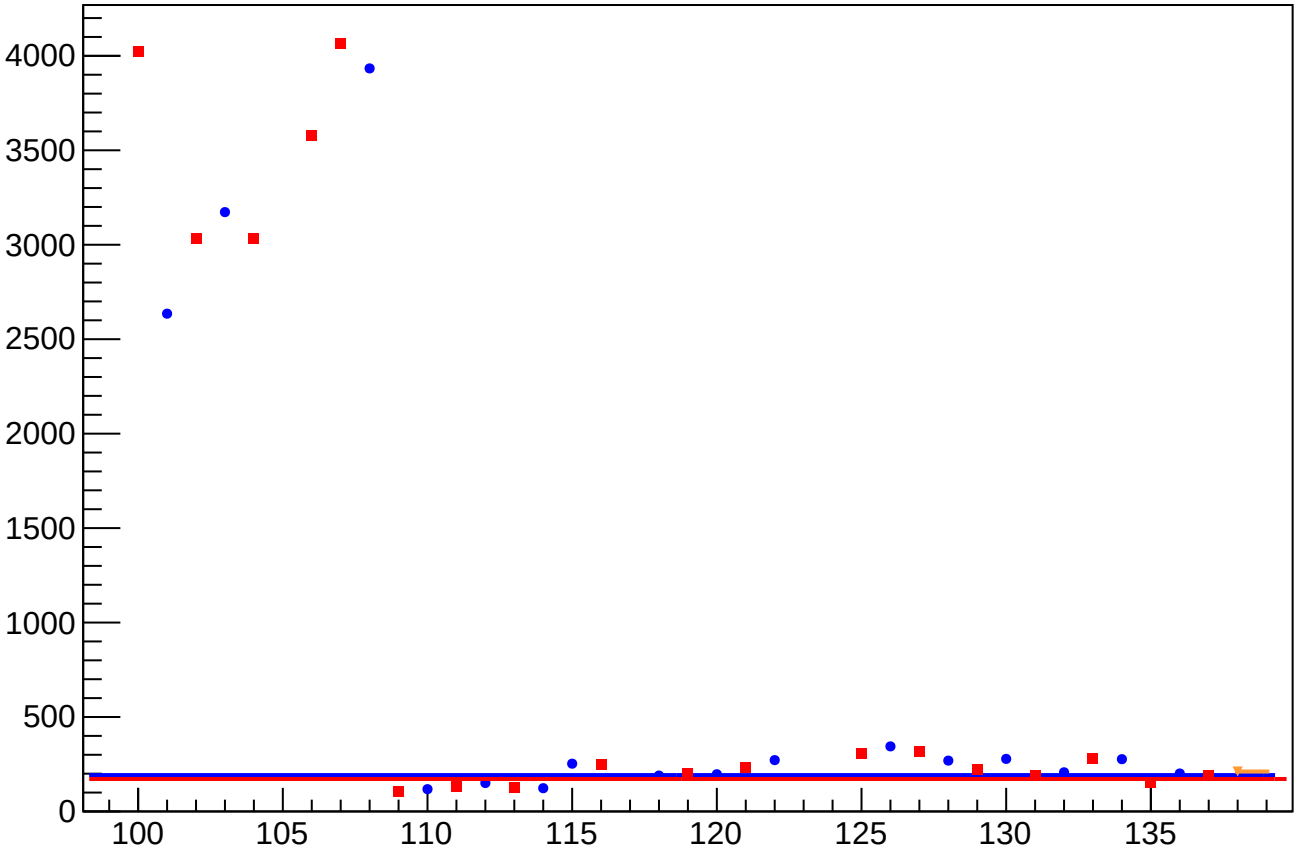
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15.426+/-80.214 χ^2/NDF: 19.7/16

All: 69.399+/-56.229 χ^2/NDF: 33.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 192.560+/-0.060 χ^2/NDF: 3822789.1/15

Left Out: 211.402+/-0.170 χ^2/NDF:0.0/0

Right Out: 171.899+/-0.056 χ^2/NDF: 4247800.5/17

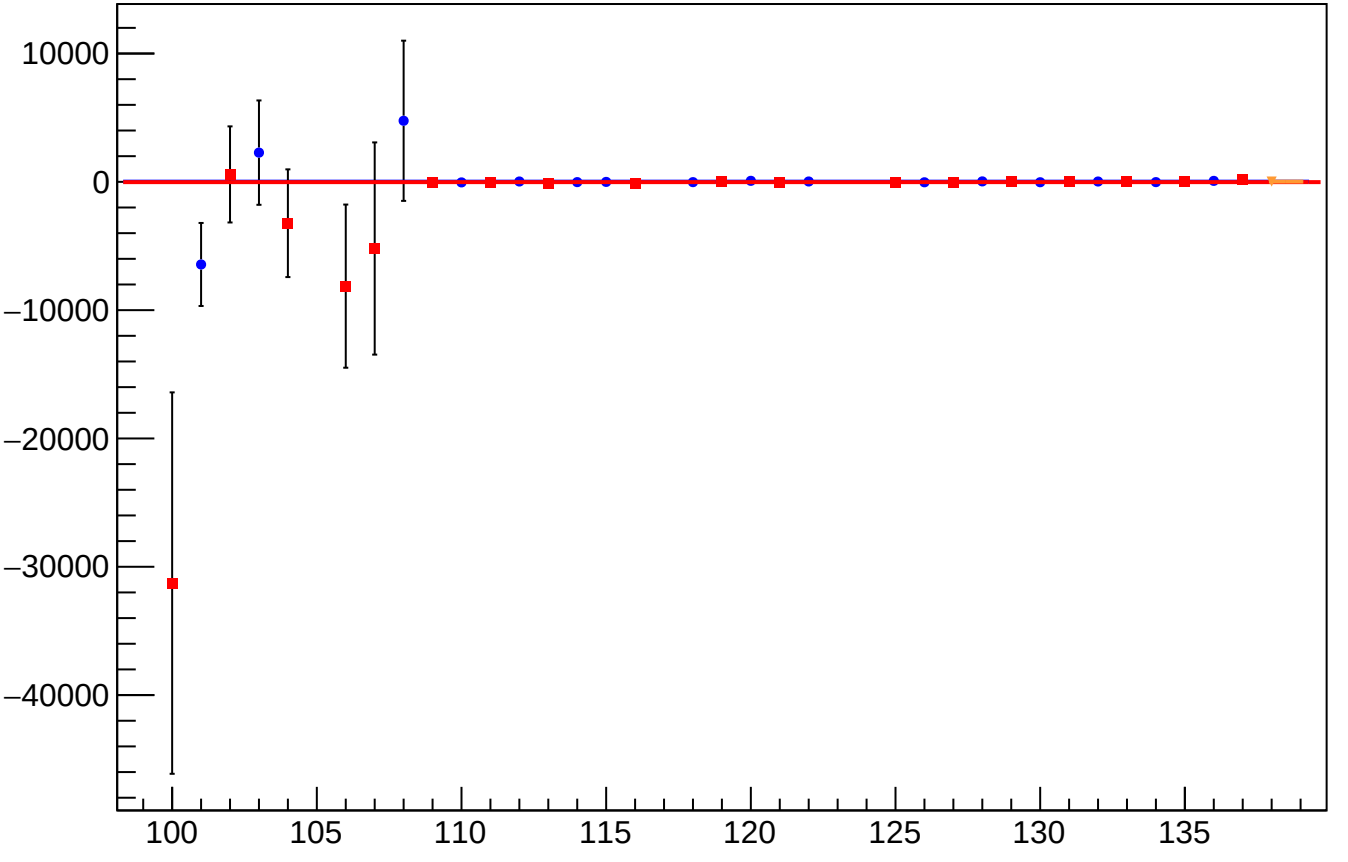
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 194.647+/-0.057 χ^2/NDF: 3833657.0/16

All: 183.077+/-0.040 χ^2/NDF: 8163267.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 13.713+/-13.062 χ^2/NDF: 15.5/15

Left Out: 22.375+/-34.800 χ^2/NDF:0.0/0

Right Out: -21.906+/-13.382 χ^2/NDF: 28.4/17

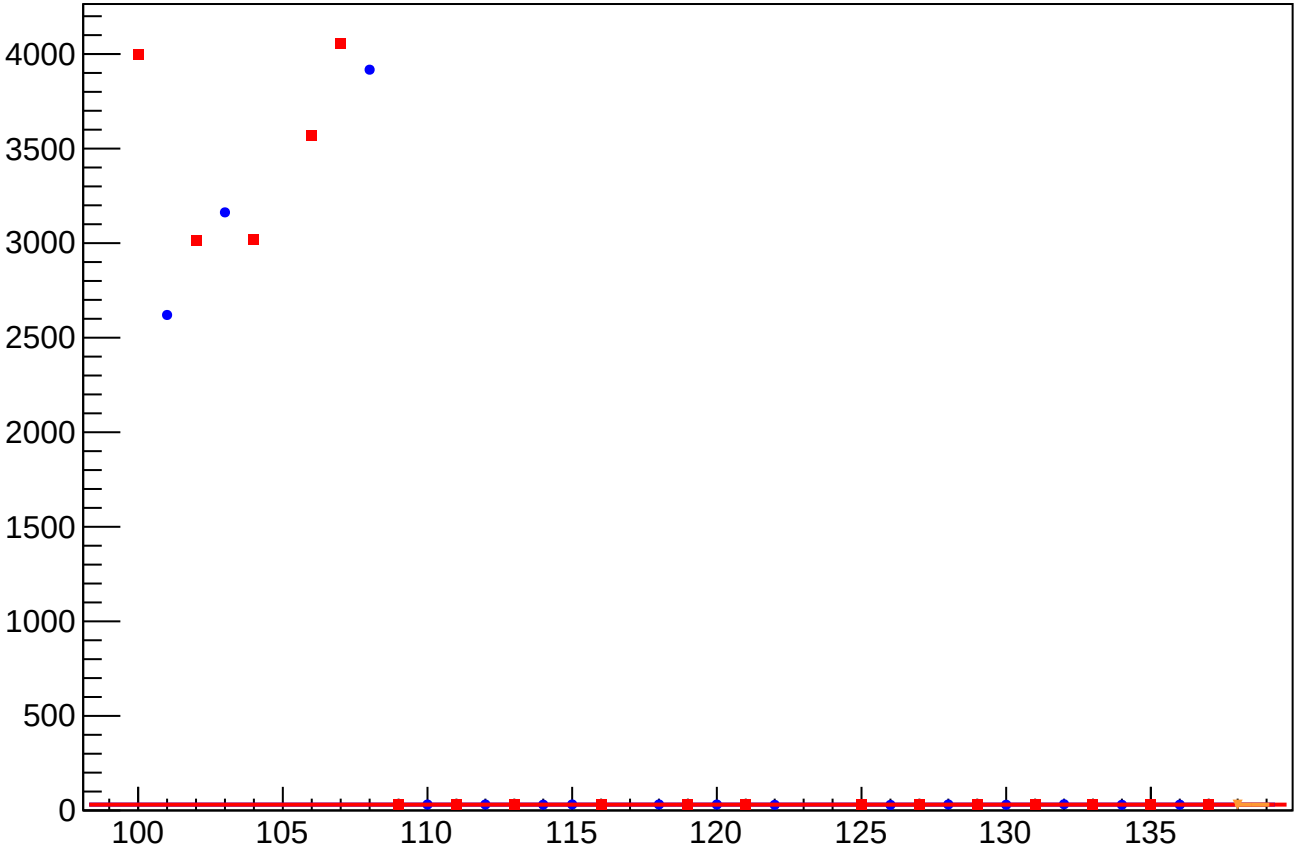
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.783+/-12.229 χ^2/NDF: 15.5/16

All: -1.913+/-9.027 χ^2/NDF: 48.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 30.928+/-0.009 χ^2/NDF: 3252607.8/15

Left Out: 30.708+/-0.025 χ^2/NDF:0.0/0

Right Out: 30.804+/-0.009 χ^2/NDF: 3535959.8/17

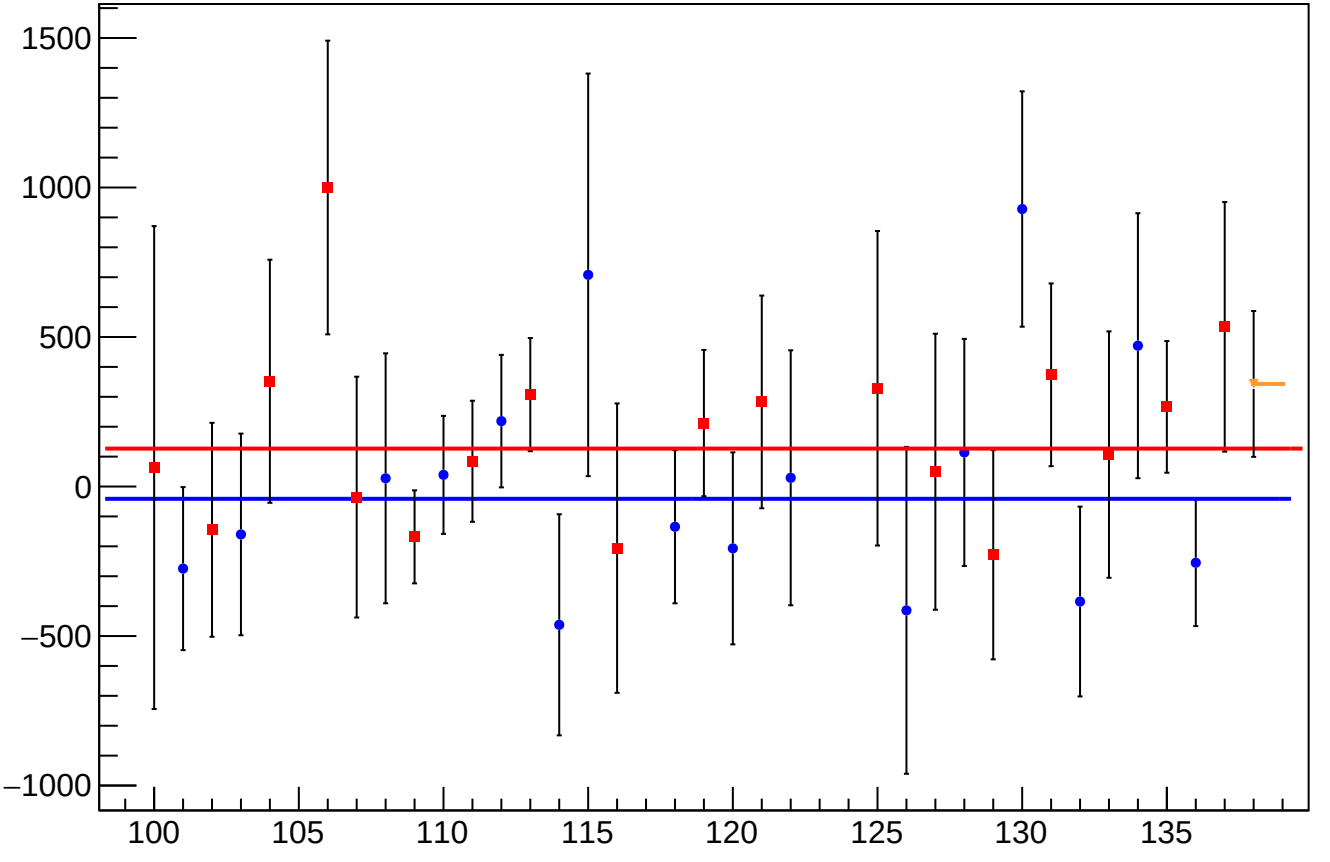
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 30.901+/-0.009 χ^2/NDF: 3252678.3/16

All: 30.857+/-0.006 χ^2/NDF: 6788695.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -41.114+/-77.139 χ^2/NDF: 15.6/15

Left Out: 343.110+/-243.899 χ^2/NDF:0.0/0

Right Out: 126.896+/-69.382 χ^2/NDF: 12.8/17

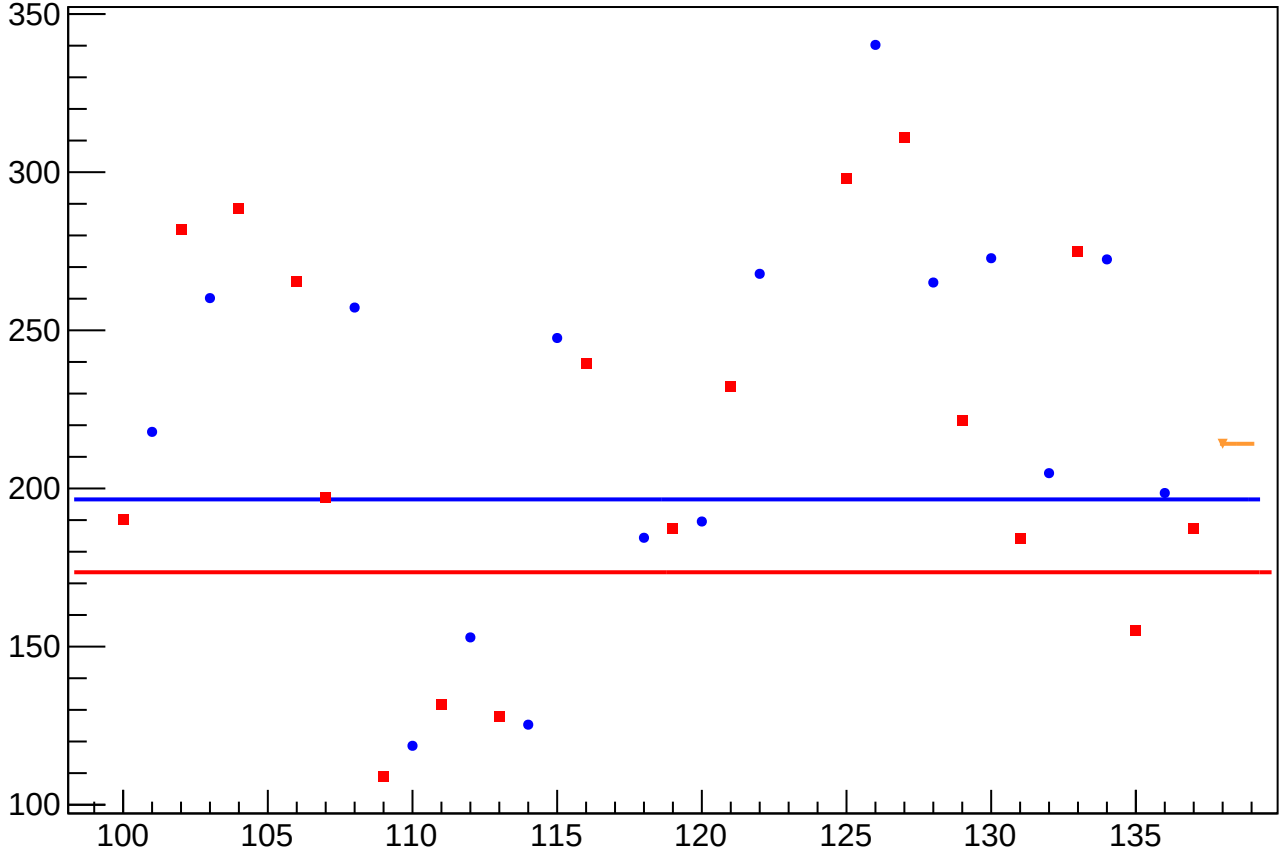
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.176+/-73.548 χ^2/NDF: 17.9/16

All: 64.235+/-50.469 χ^2/NDF: 32.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 196.542+/-0.055 χ^2/NDF: 1000770.4/15

Left Out: 214.128+/-0.172 χ^2/NDF:0.0/0

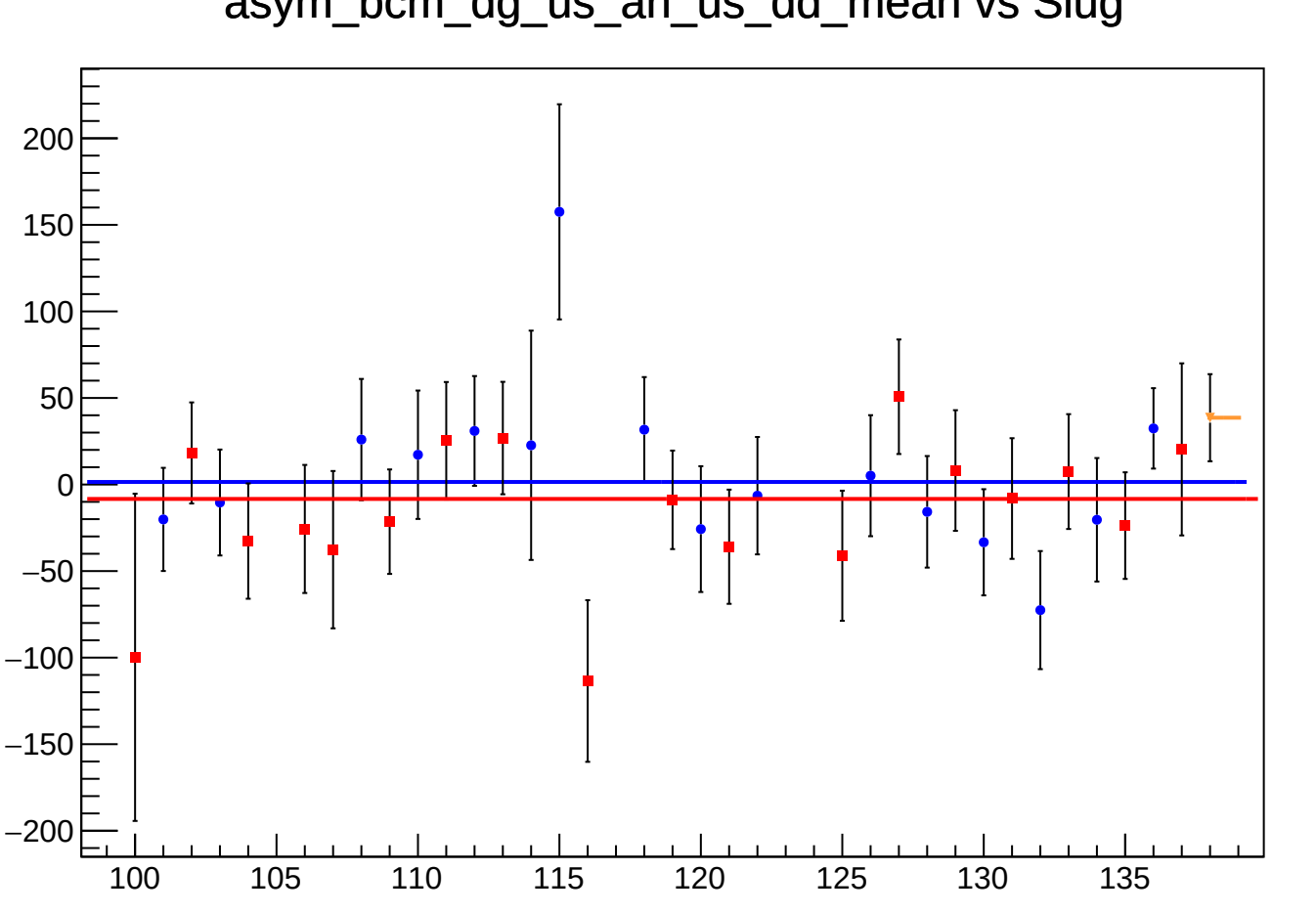
Right Out: 173.509+/-0.049 χ^2/NDF: 1532720.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

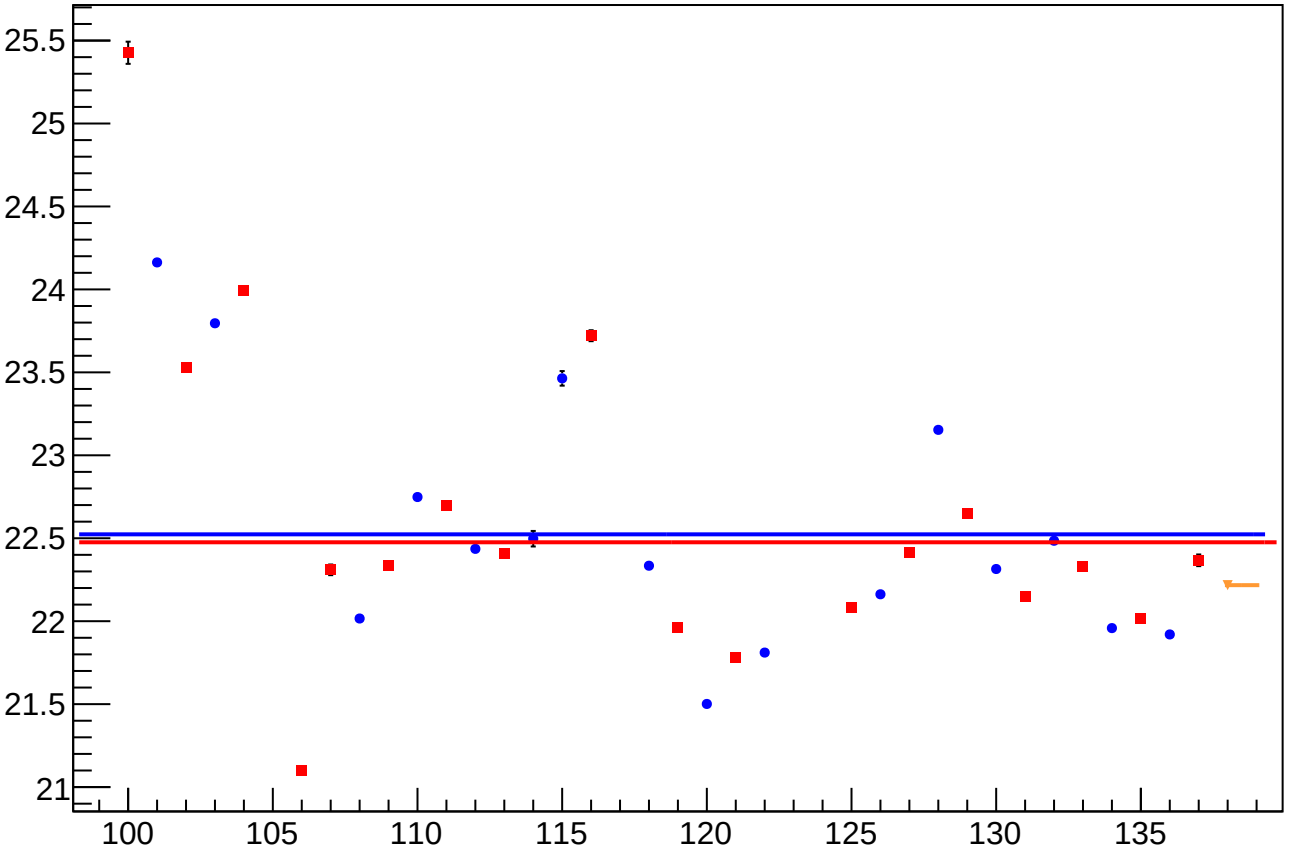
+ sign 198.141+/-0.052 χ^2/NDF: 1010222.6/16

All: 185.108+/-0.036 χ^2/NDF: 2661641.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_bcm_dg_us_an_us_dd_mean vs Slug
200
150
100
50
0
−50
−100
−150
−200
100
105
110
115
120
125
130
135
Right In: 1.475+/-8.370 χ²/NDF: 18.7/15
Left Out: 38.596+/-25.155 χ²/NDF:0.0/0
Right Out: -8.329+/-8.286 χ²/NDF: 16.0/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 5.176+/-7.942 χ²/NDF: 20.6/16
All: -1.291+/-5.734 χ²/NDF: 38.0/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 22.524+/-0.006 χ^2/NDF: 15947.8/15

Left Out: 22.217+/-0.018 χ^2/NDF:0.0/0

Right Out: 22.476+/-0.006 χ^2/NDF: 15536.6/17

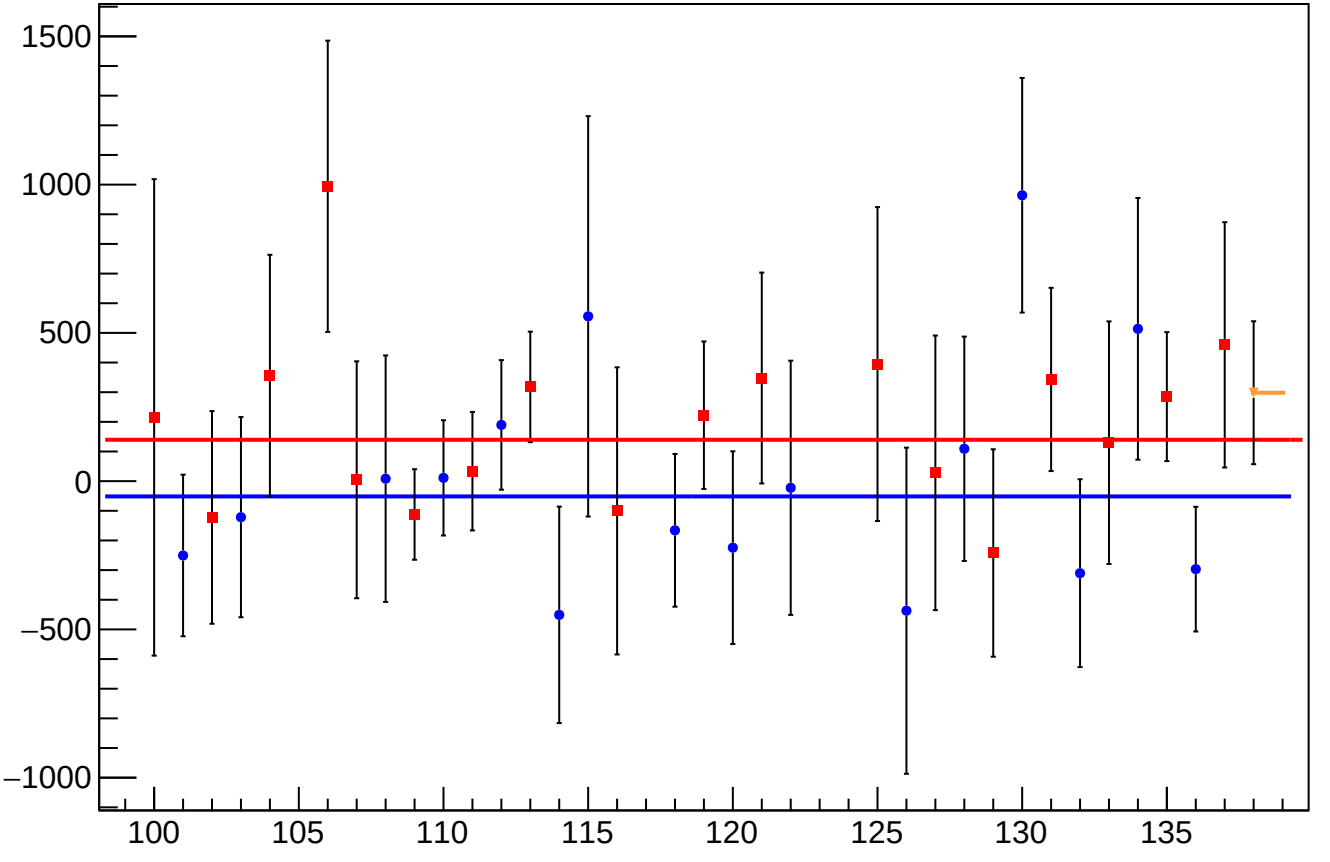
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.493+/-0.006 χ^2/NDF: 16214.8/16

All: 22.485+/-0.004 χ^2/NDF: 31756.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -51.492+/-76.798 χ^2/NDF: 15.3/15

Left Out: 298.257+/-241.035 χ^2/NDF:0.0/0

Right Out: 139.546+/-68.888 χ^2/NDF: 11.6/17

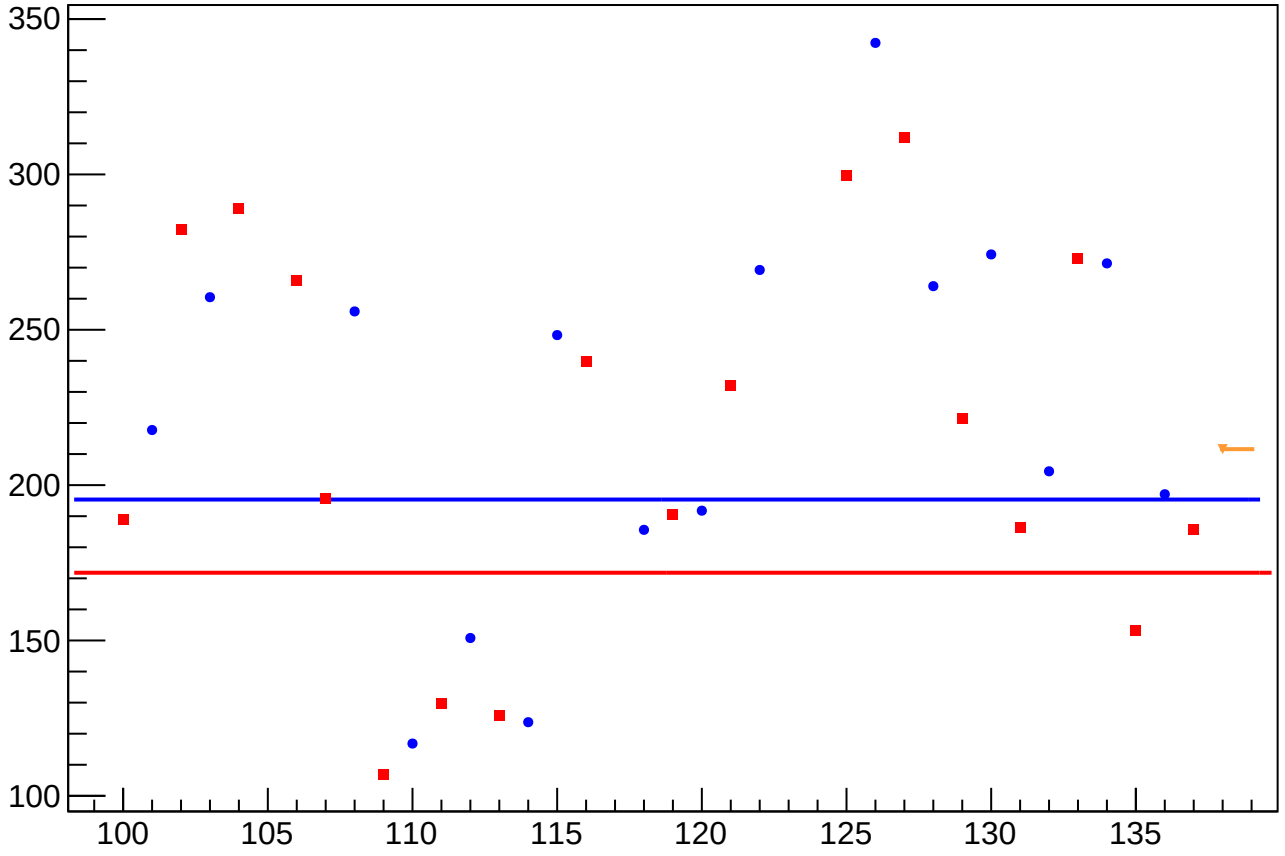
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -19.259+/-73.173 χ^2/NDF: 17.3/16

All: 64.929+/-50.158 χ^2/NDF: 31.3/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 195.361+/-0.054 χ^2/NDF: 1041432.1/15

Left Out: 211.582+/-0.170 χ^2/NDF:0.0/0

Right Out: 171.805+/-0.049 χ^2/NDF: 1600663.6/17

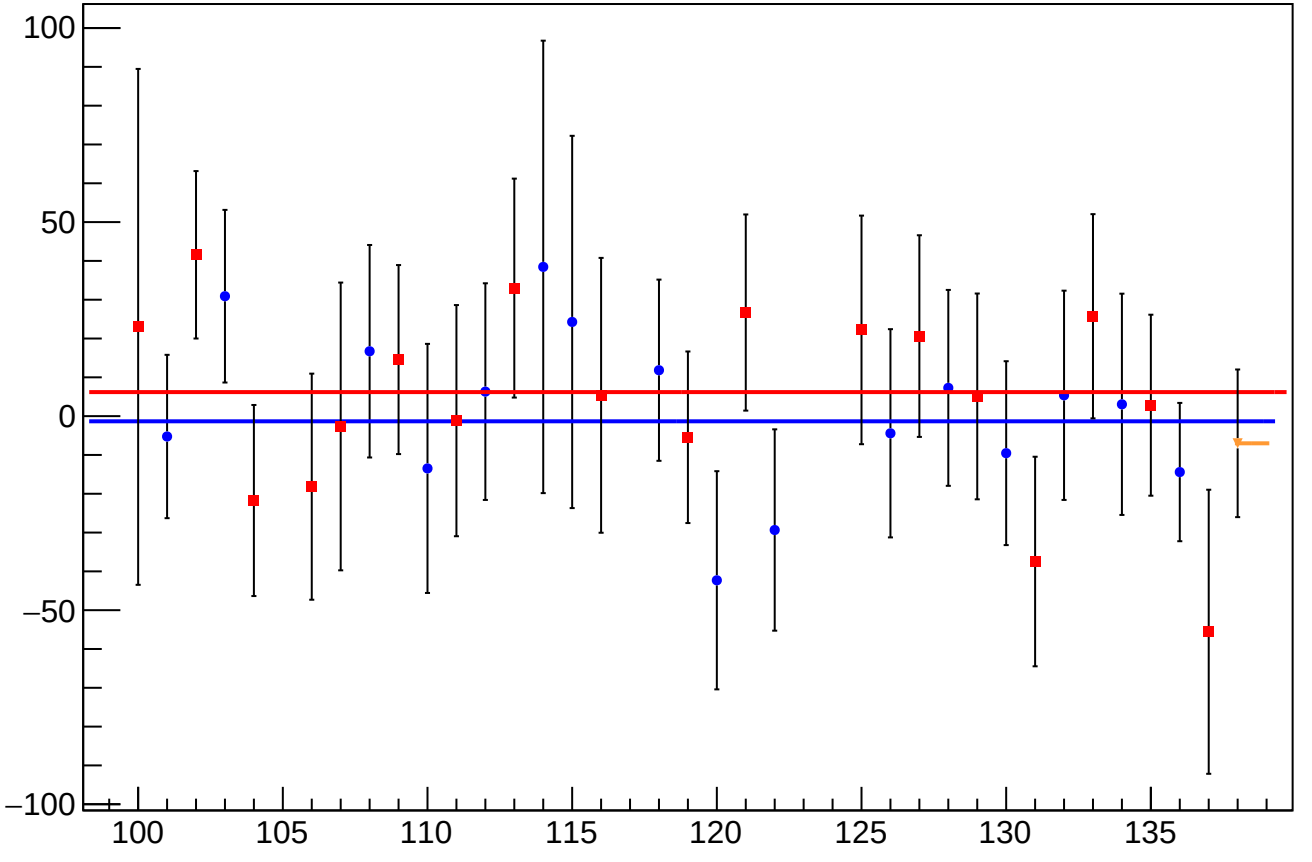
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.856+/-0.052 χ^2/NDF: 1049655.1/16

All: 183.575+/-0.035 χ^2/NDF: 2774586.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: -1.331+/-6.499 χ^2/NDF: 8.0/15

Left Out: -7.002+/-19.023 χ^2/NDF:0.0/0

Right Out: 6.195+/-6.473 χ^2/NDF: 13.5/17

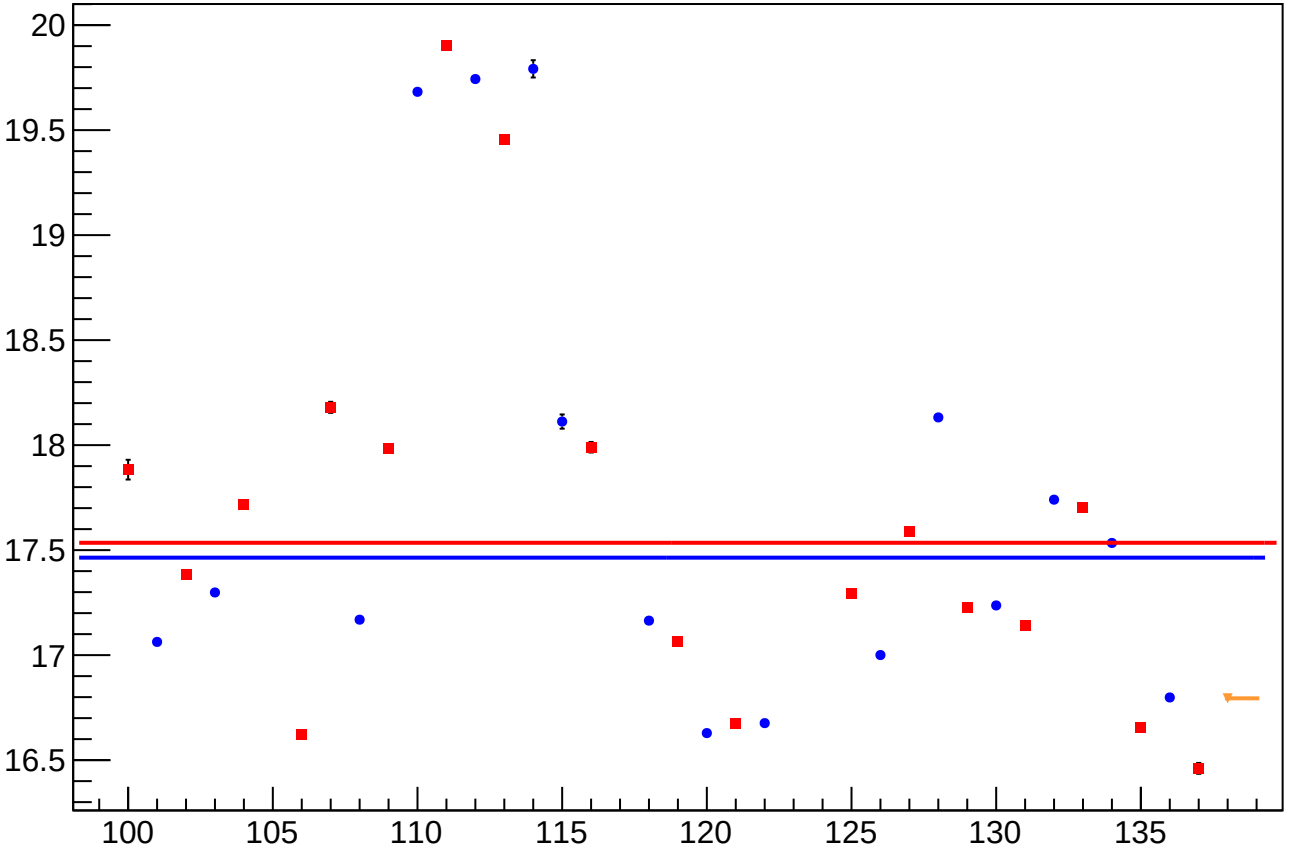
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.924+/-6.150 χ^2/NDF: 8.1/16

All: 1.928+/-4.458 χ^2/NDF: 22.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.464+/-0.005 χ^2/NDF: 36650.1/15

Left Out: 16.794+/-0.013 χ^2/NDF:0.0/0

Right Out: 17.535+/-0.005 χ^2/NDF: 34475.1/17

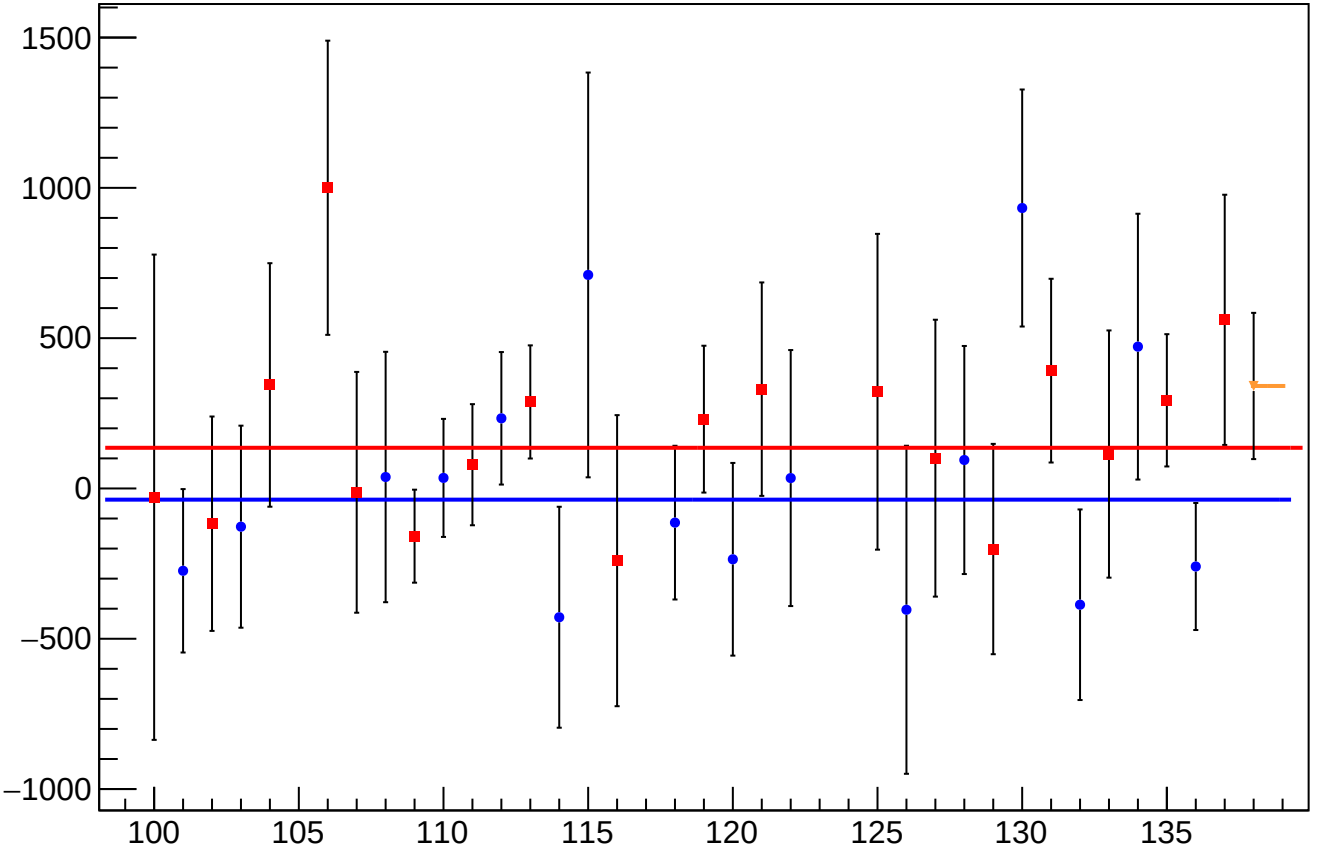
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.394+/-0.004 χ^2/NDF: 38870.7/16

All: 17.461+/-0.003 χ^2/NDF: 73843.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -37.241+/-76.915 χ^2/NDF: 15.6/15

Left Out: 340.901+/-243.240 χ^2/NDF:0.0/0

Right Out: 135.279+/-69.157 χ^2/NDF: 12.8/17

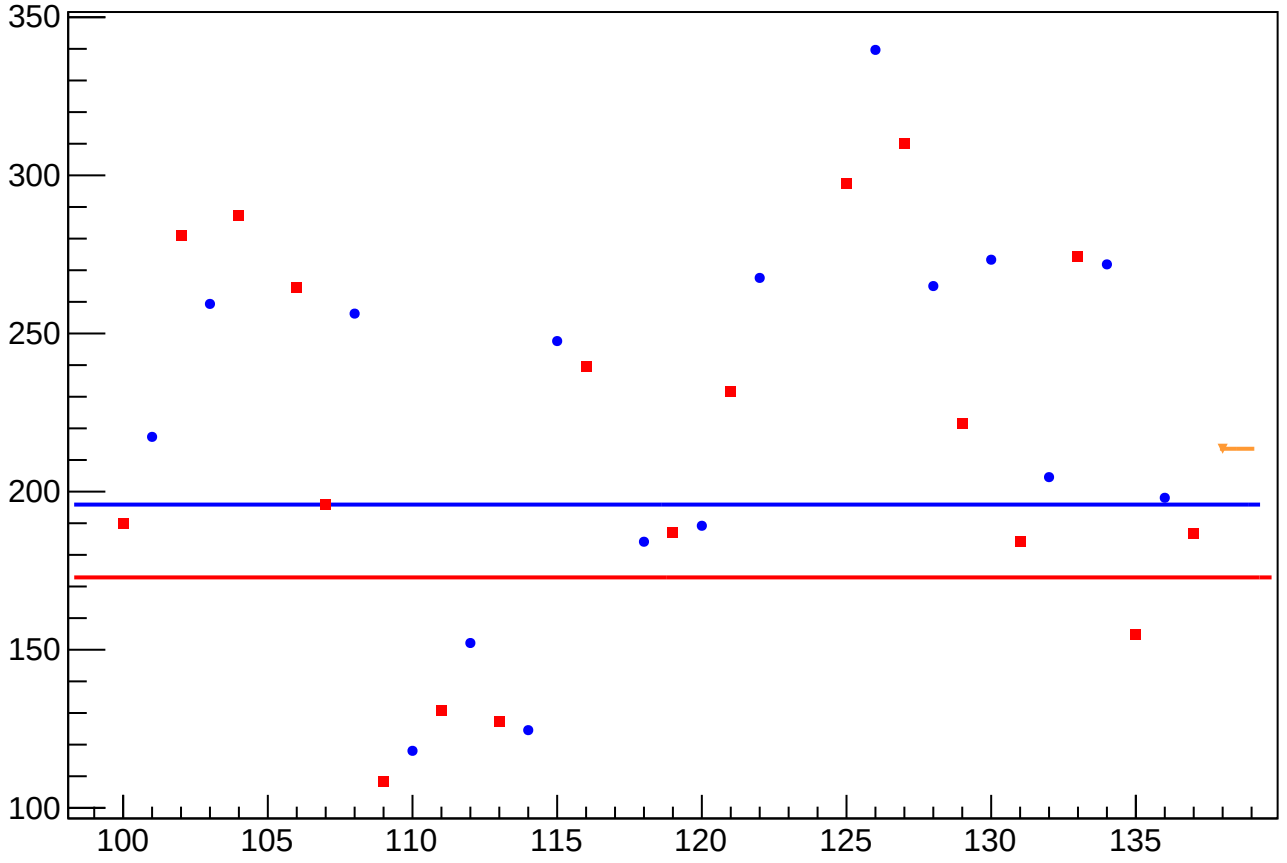
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.868+/-73.336 χ^2/NDF: 17.8/16

All: 70.253+/-50.314 χ^2/NDF: 32.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 195.900+/-0.054 χ^2/NDF: 1011012.3/15

Left Out: 213.553+/-0.172 χ^2/NDF:0.0/0

Right Out: 172.873+/-0.049 χ^2/NDF: 1543258.3/17

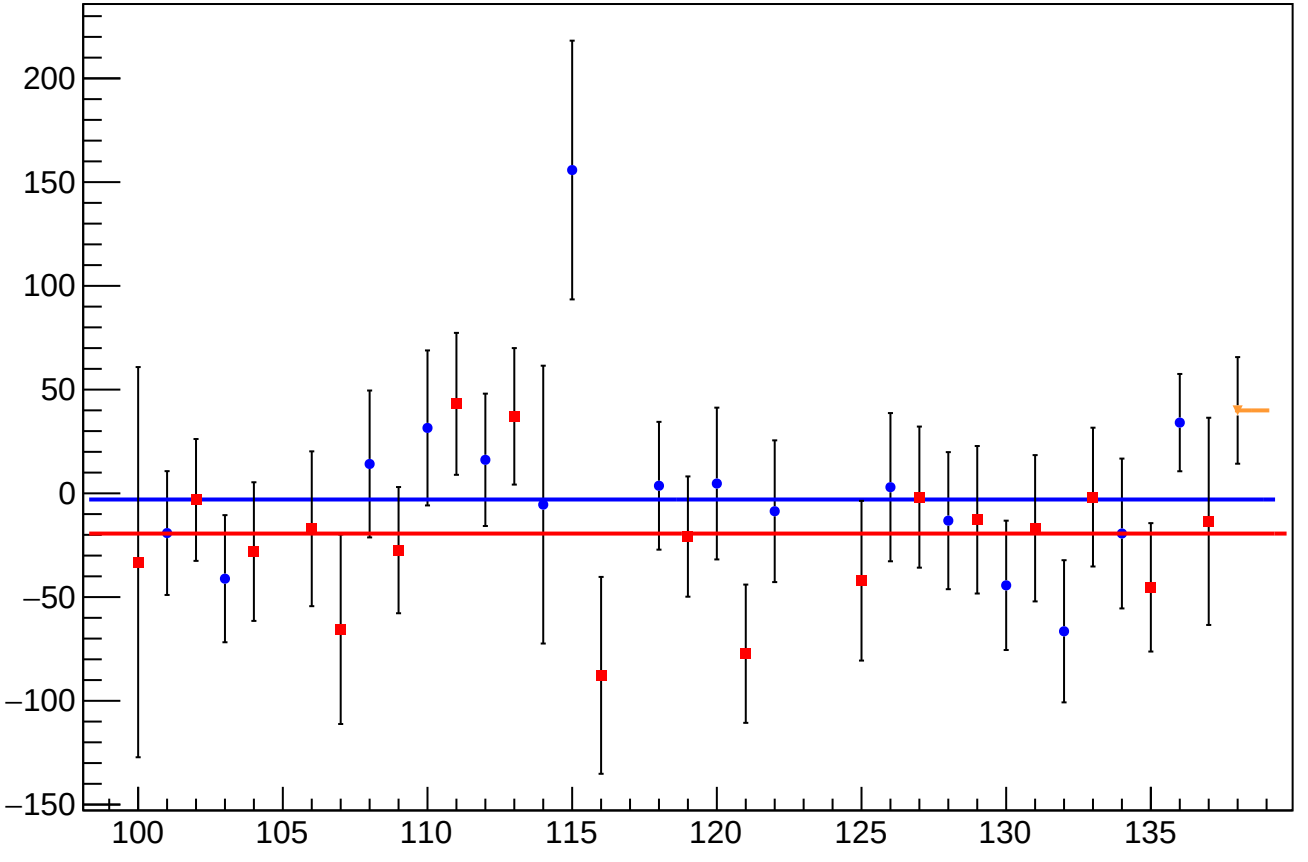
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 197.504+/-0.052 χ^2/NDF: 1020588.7/16

All: 184.467+/-0.036 χ^2/NDF: 2683266.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: -2.967+/-8.454 χ^2/NDF: 17.9/15

Left Out: 39.972+/-25.694 χ^2/NDF:0.0/0

Right Out: -19.387+/-8.381 χ^2/NDF: 14.5/17

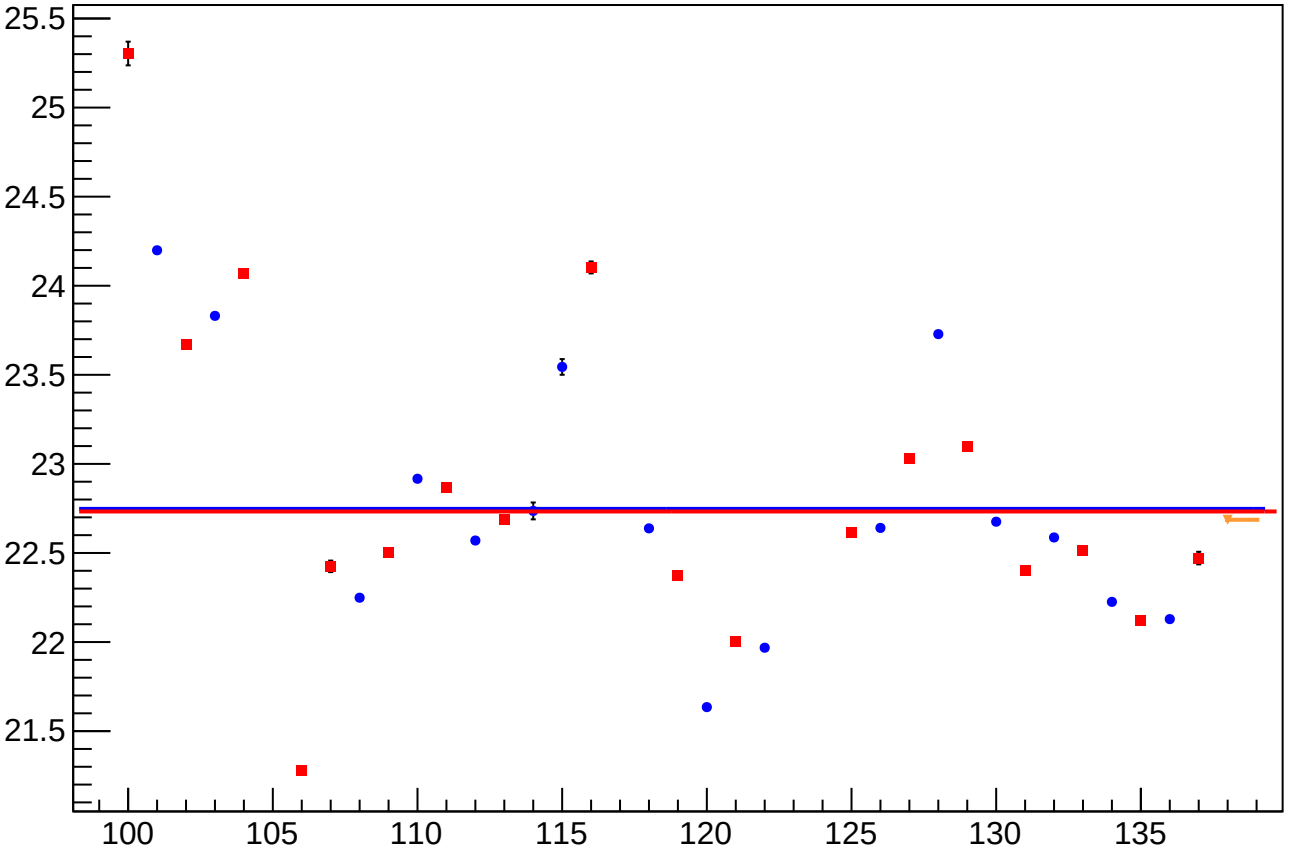
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.227+/-8.031 χ^2/NDF: 20.4/16

All: -8.639+/-5.799 χ^2/NDF: 38.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 22.747+/-0.006 χ^2/NDF: 14622.8/15

Left Out: 22.686+/-0.018 χ^2/NDF:0.0/0

Right Out: 22.733+/-0.006 χ^2/NDF: 14389.6/17

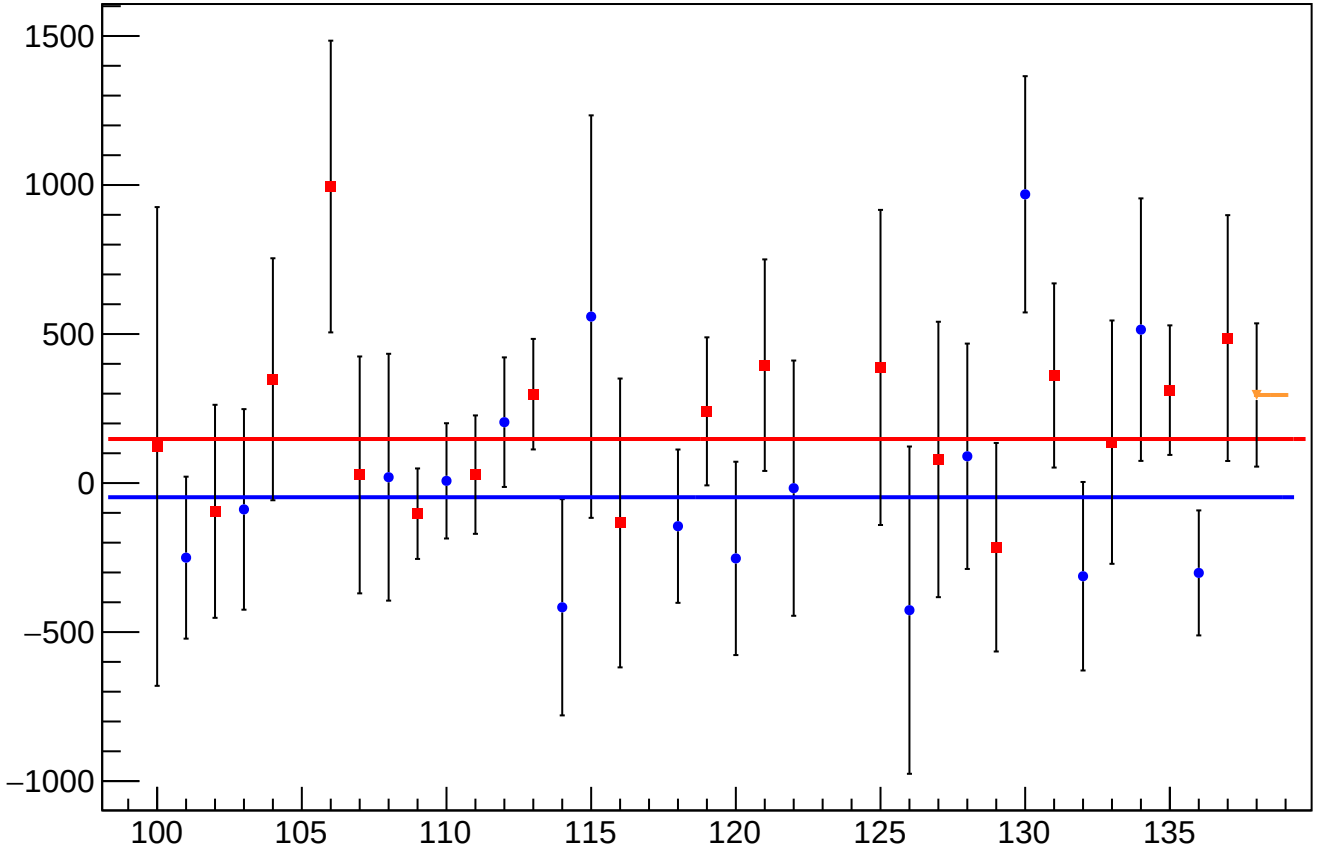
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.742+/-0.006 χ^2/NDF: 14633.0/16

All: 22.737+/-0.004 χ^2/NDF: 29023.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -47.523+/-76.571 χ^2/NDF: 15.4/15

Left Out: 295.513+/-240.374 χ^2/NDF:0.0/0

Right Out: 147.812+/-68.660 χ^2/NDF: 11.5/17

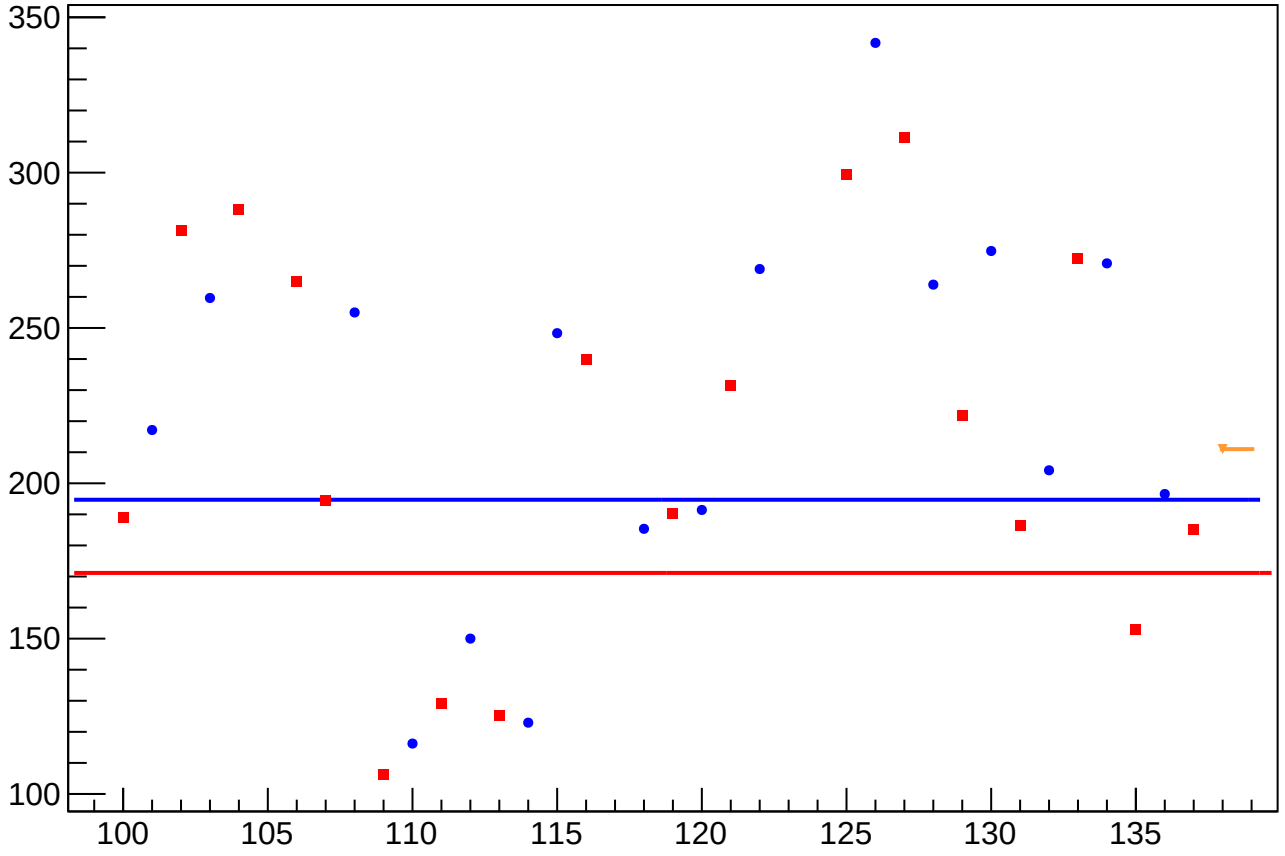
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -15.920+/-72.959 χ^2/NDF: 17.2/16

All: 70.912+/-50.000 χ^2/NDF: 31.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 194.708+/-0.054 χ^2/NDF: 1052288.9/15

Left Out: 211.004+/-0.170 χ^2/NDF:0.0/0

Right Out: 171.156+/-0.049 χ^2/NDF: 1611935.6/17

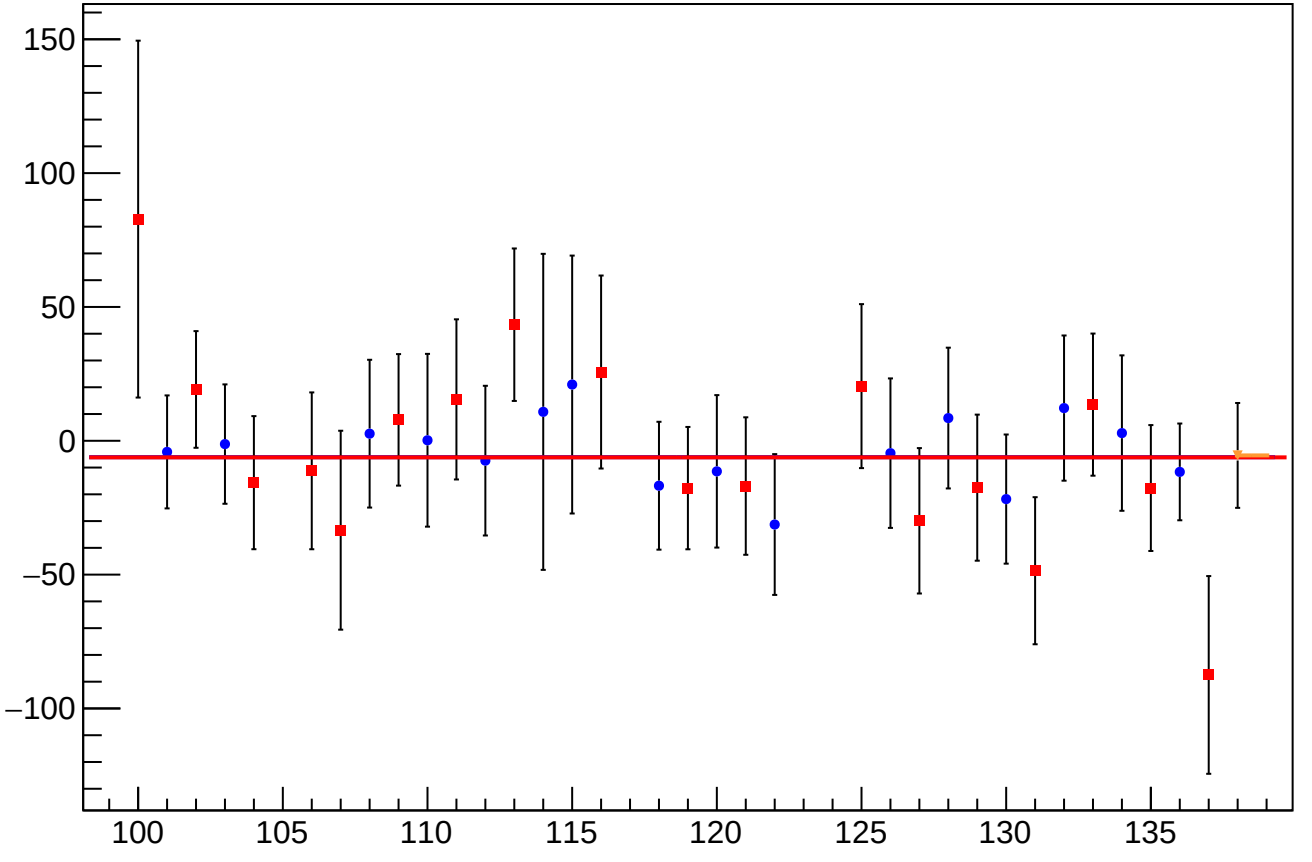
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.209+/-0.052 χ^2/NDF: 1060634.0/16

All: 182.923+/-0.035 χ^2/NDF: 2797634.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -6.119+/-6.592 χ^2/NDF: 3.1/15

Left Out: -5.466+/-19.589 χ^2/NDF:0.0/0

Right Out: -6.195+/-6.580 χ^2/NDF: 18.6/17

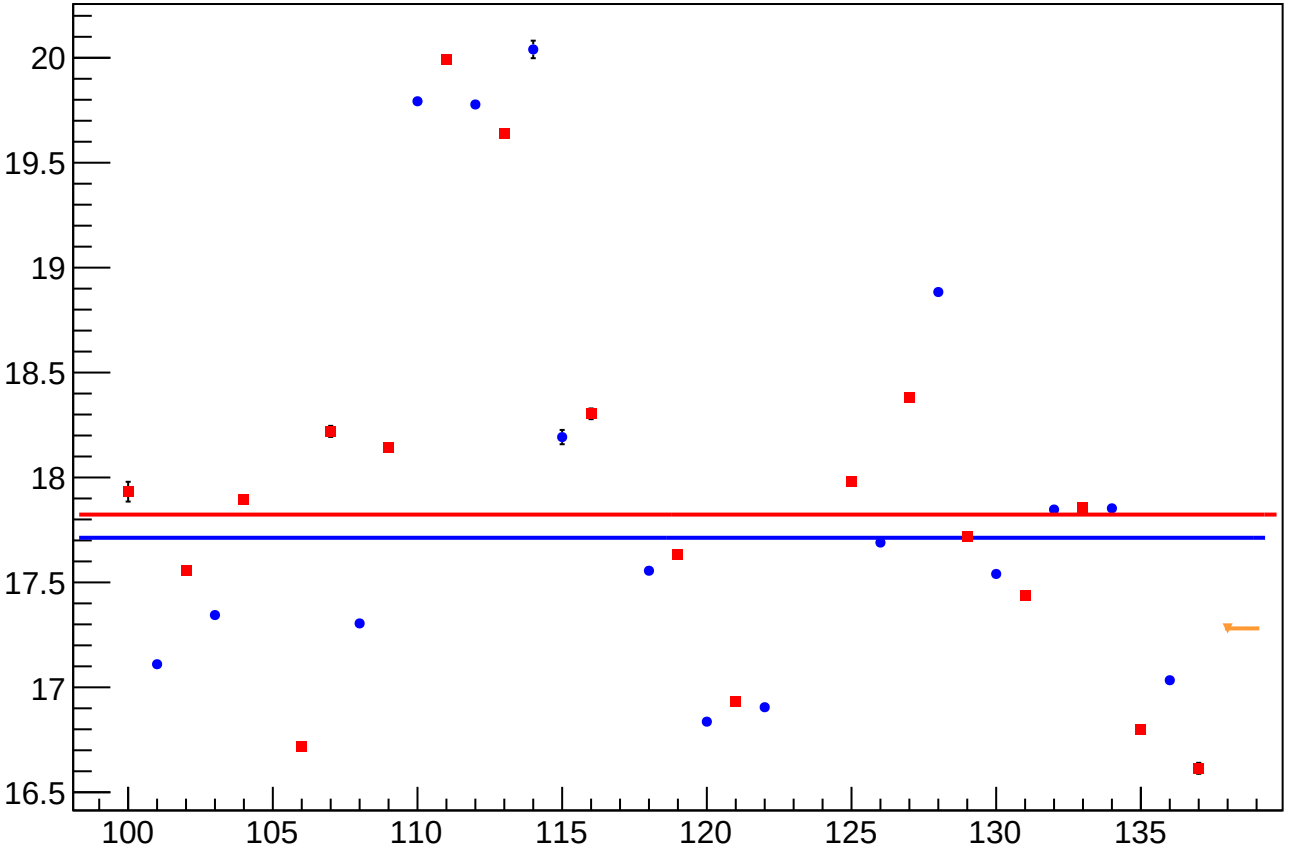
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.053+/-6.248 χ^2/NDF: 3.1/16

All: -6.120+/-4.531 χ^2/NDF: 21.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.713+/-0.005 χ^2/NDF: 35983.5/15

Left Out: 17.281+/-0.014 χ^2/NDF:0.0/0

Right Out: 17.823+/-0.005 χ^2/NDF: 32502.9/17

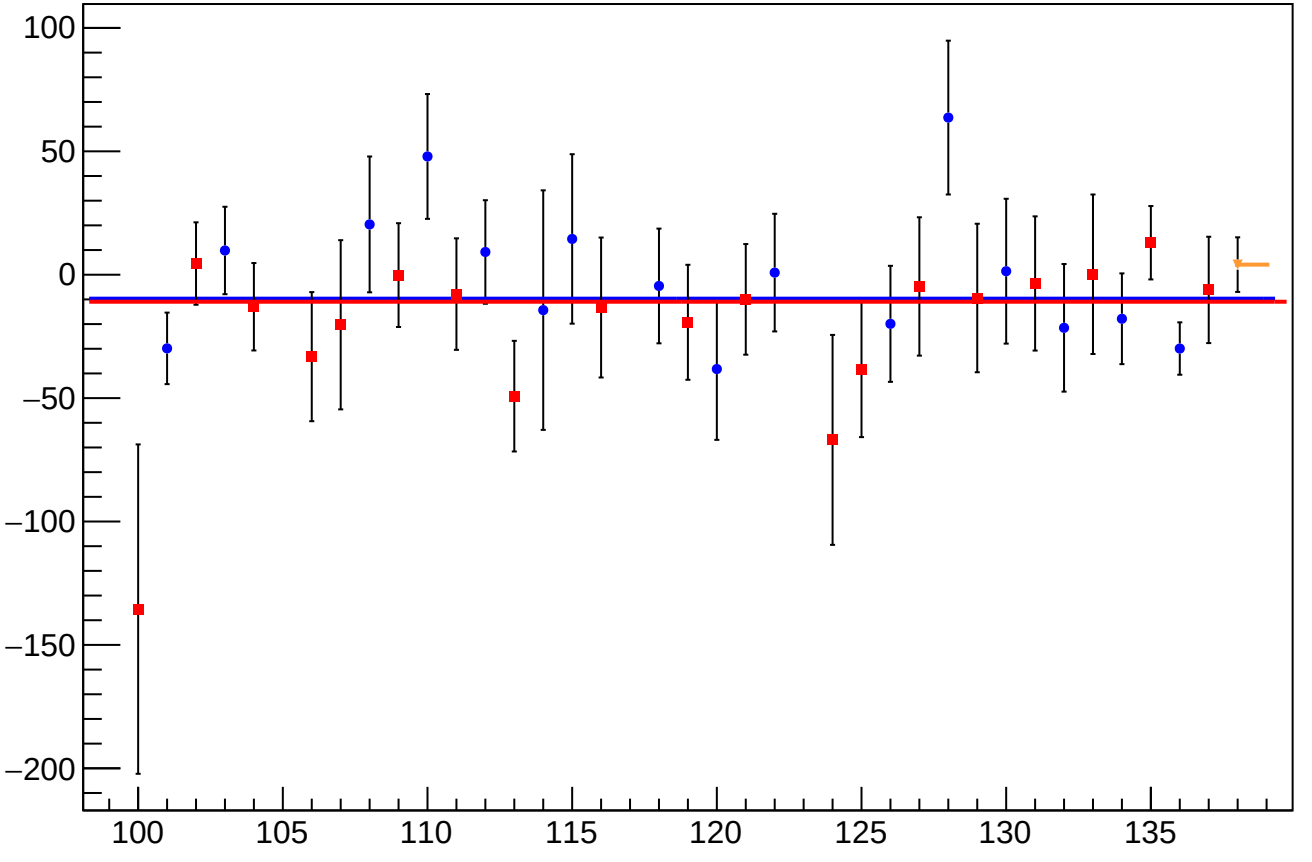
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 17.669+/-0.004 χ^2/NDF: 36856.9/16

All: 17.742+/-0.003 χ^2/NDF: 69939.5/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -9.702+/-5.231 χ^2/NDF: 22.0/15

Left Out: 4.093+/-11.065 χ^2/NDF:0.0/0

Right Out: -10.938+/-5.436 χ^2/NDF: 14.1/18

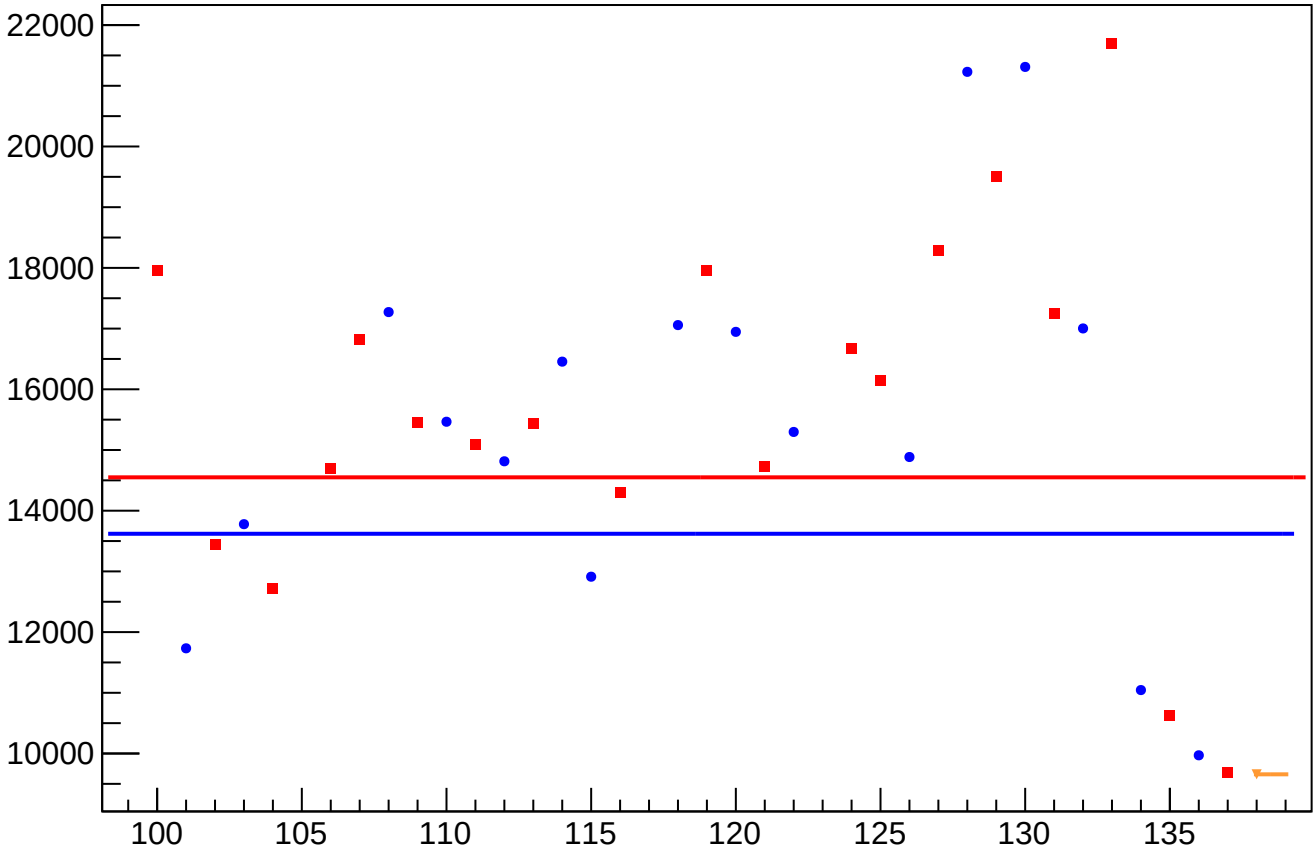
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.181+/-4.729 χ^2/NDF: 23.3/16

All: -8.800+/-3.568 χ^2/NDF: 37.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 13619.845+/-3.699 χ^2/NDF: 746985.9/15

Left Out: 9657.029+/-7.824 χ^2/NDF:0.0/0

Right Out: 14549.658+/-3.844 χ^2/NDF: 555902.2/18

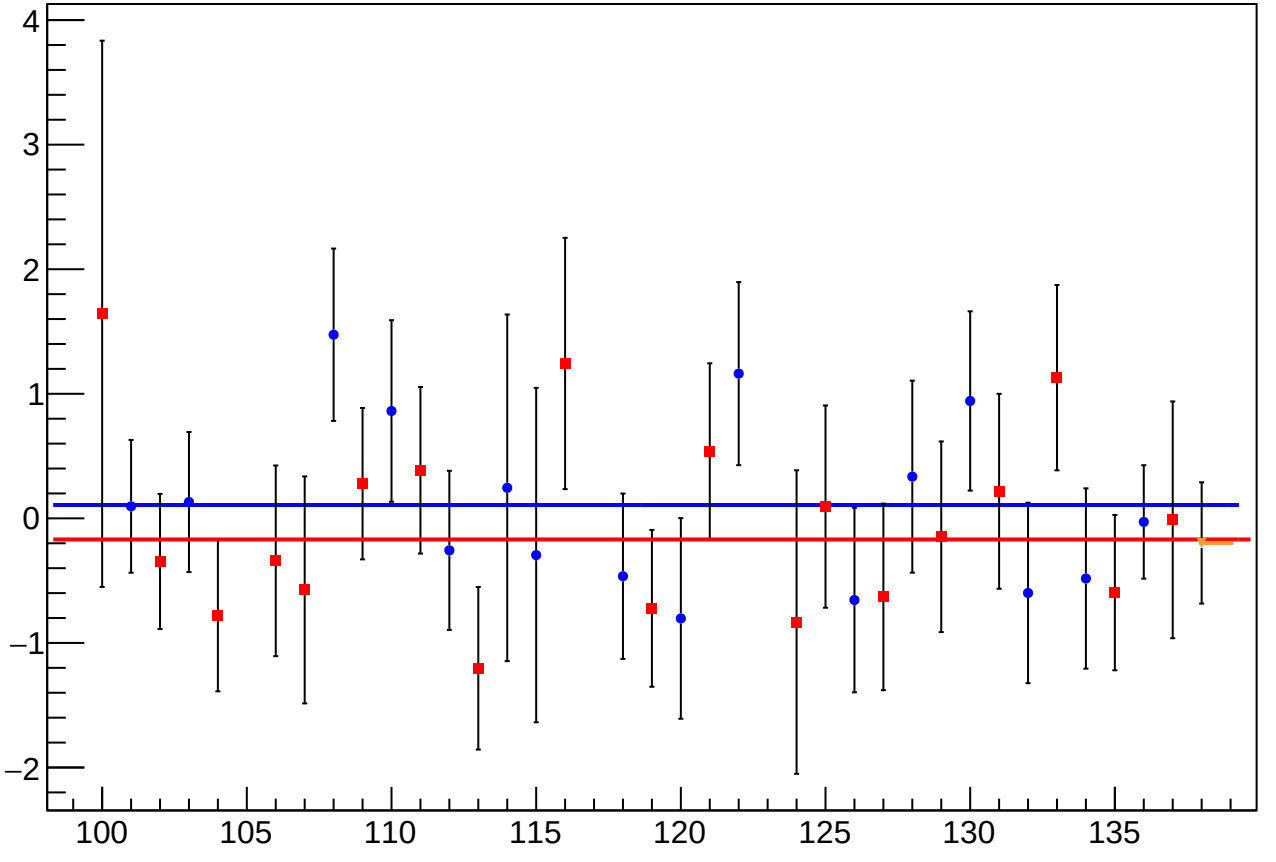
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12895.842+/-3.344 χ^2/NDF: 956657.2/16

All: 13608.321+/-2.523 χ^2/NDF: 1617918.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.107+/-0.172 χ^2/NDF: 13.7/15

Left Out: -0.197+/-0.487 χ^2/NDF:0.0/0

Right Out: -0.169+/-0.169 χ^2/NDF: 14.1/18

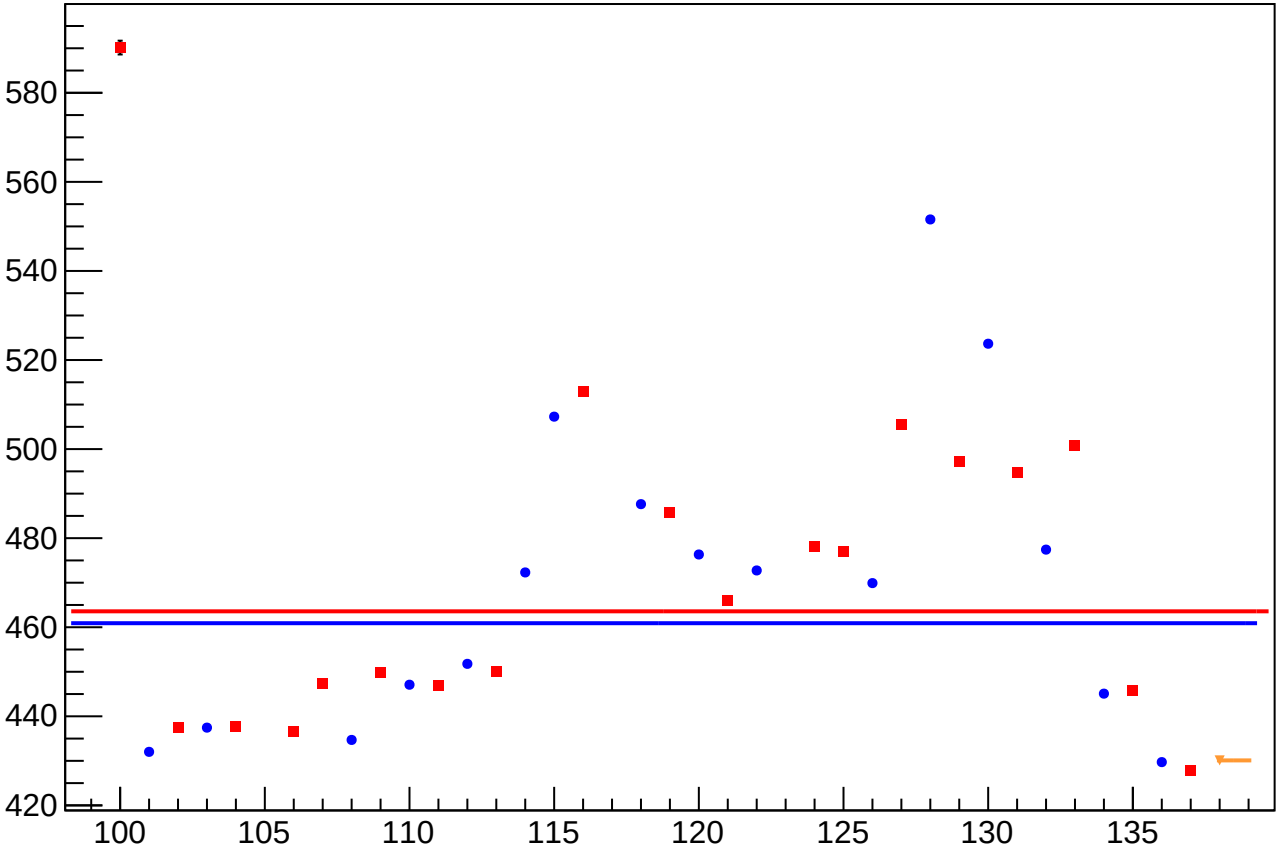
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.074+/-0.162 χ^2/NDF: 14.0/16

All: -0.042+/-0.117 χ^2/NDF: 29.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 460.906+/-0.121 χ^2/NDF: 74930.1/15

Left Out: 430.100+/-0.344 χ^2/NDF:0.0/0

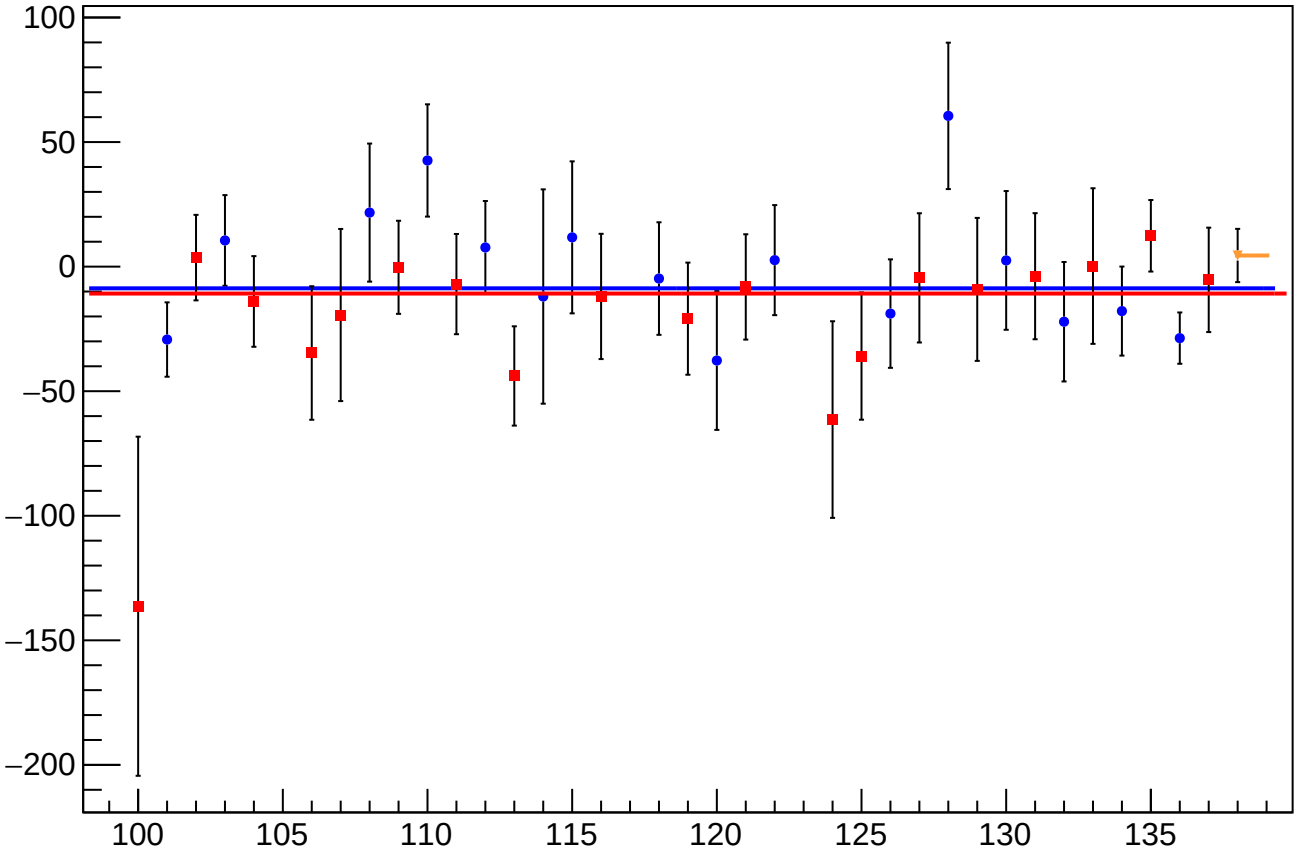
Right Out: 463.573+/-0.120 χ^2/NDF: 52175.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 457.499+/-0.115 χ^2/NDF: 82050.8/16

All: 460.398+/-0.083 χ^2/NDF: 135569.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -8.707+/-5.036 χ^2/NDF: 22.3/15

Left Out: 4.471+/-10.688 χ^2/NDF:0.0/0

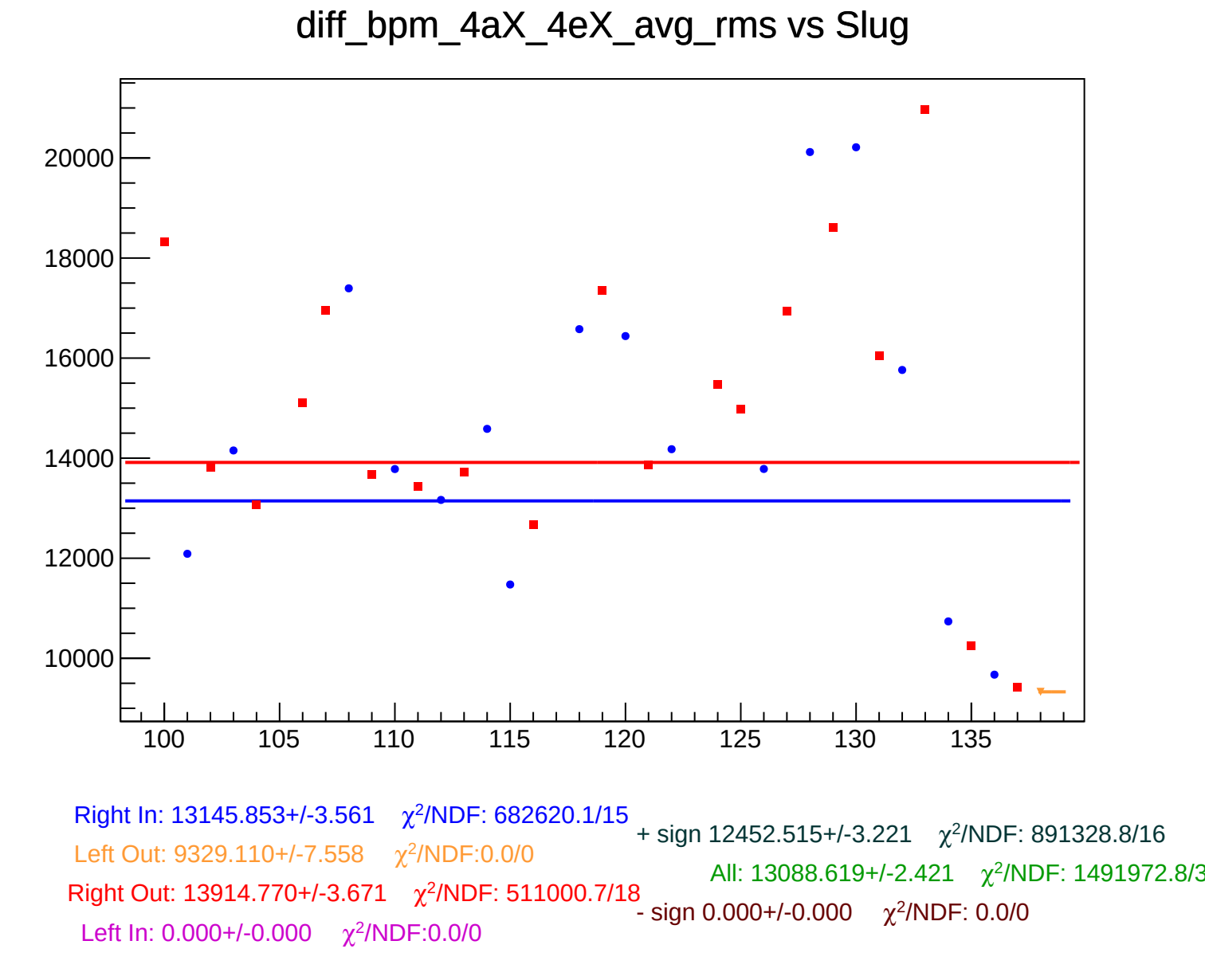
Right Out: -10.807+/-5.192 χ^2/NDF: 13.9/18

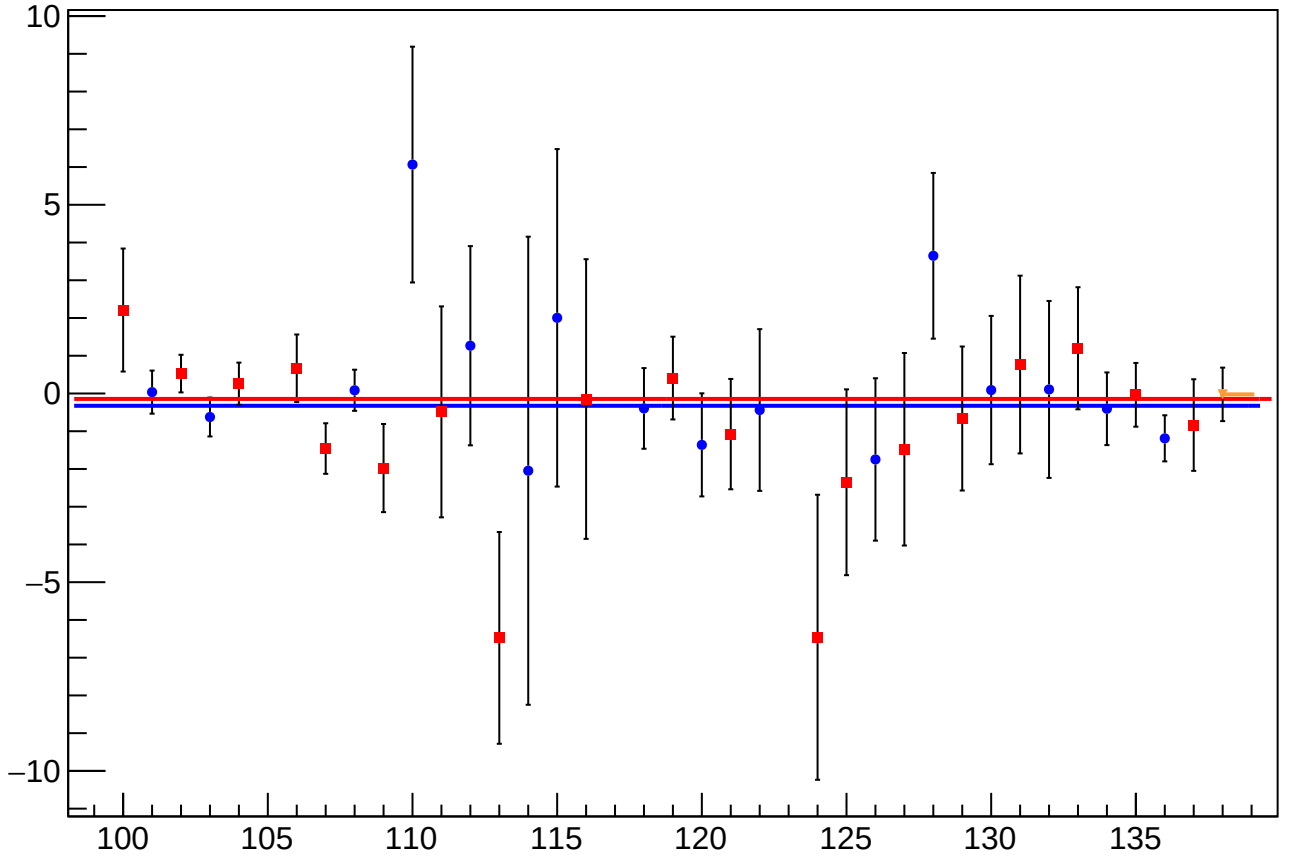
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.313+/-4.555 χ^2/NDF: 23.5/16

All: -8.268+/-3.424 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


diff_bpm_4aX_4eX_avg_rms vs Slug
20000
18000
16000
14000
12000
10000
100
105
110
115
120
125
130
135
Right In: 13145.853+/-3.561 χ²/NDF: 682620.1/15
Left Out: 9329.110+/-7.558 χ²/NDF:0.0/0
Right Out: 13914.770+/-3.671 χ²/NDF: 511000.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 12452.515+/-3.221 χ²/NDF: 891328.8/16
All: 13088.619+/-2.421 χ²/NDF: 1491972.8/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.326+/-0.244 χ^2/NDF: 12.6/15

Left Out: -0.023+/-0.709 χ^2/NDF:0.0/0

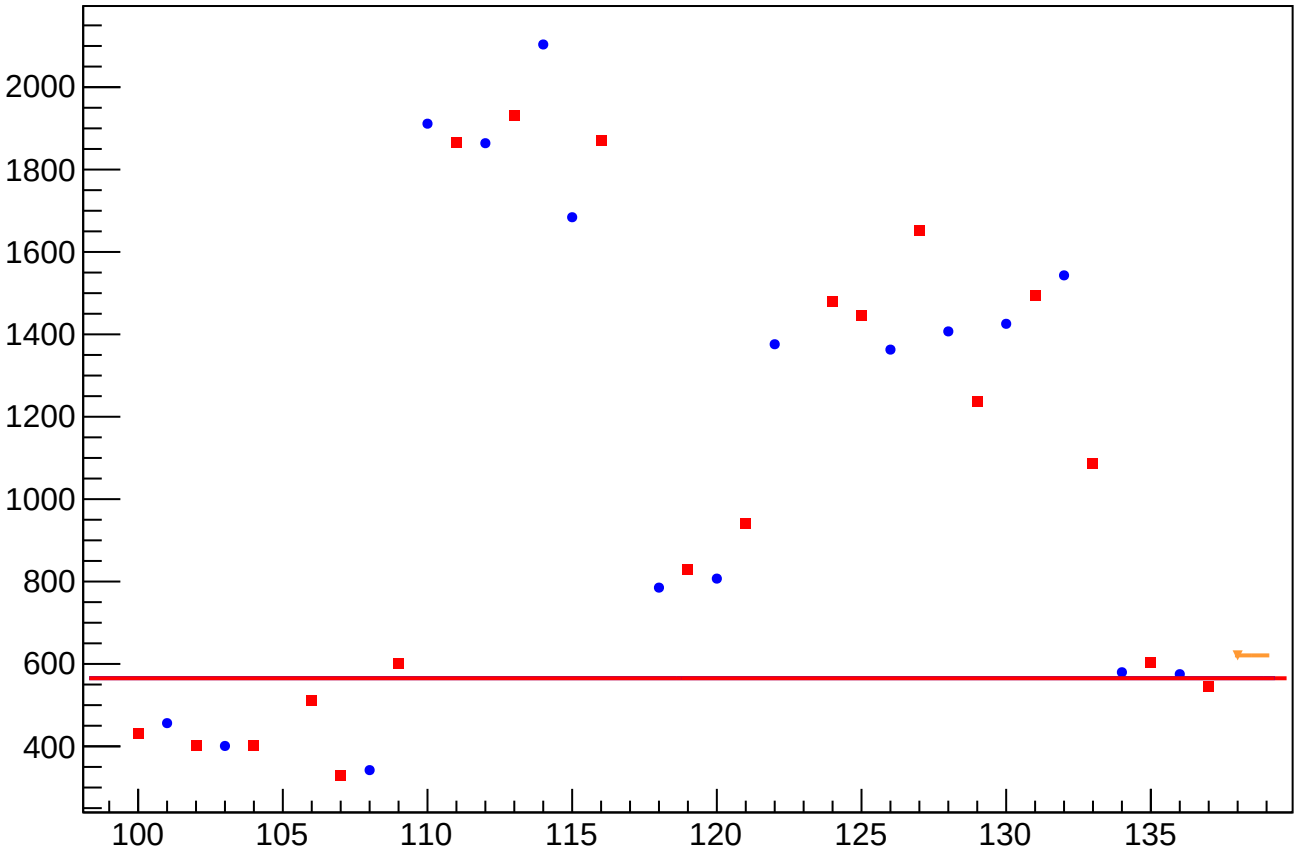
Right Out: -0.144+/-0.244 χ^2/NDF: 22.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.294+/-0.231 χ^2/NDF: 12.7/16

All: -0.223+/-0.168 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 565.531+/-0.173 χ^2/NDF: 3450533.8/15

Left Out: 620.734+/-0.501 χ^2/NDF:0.0/0

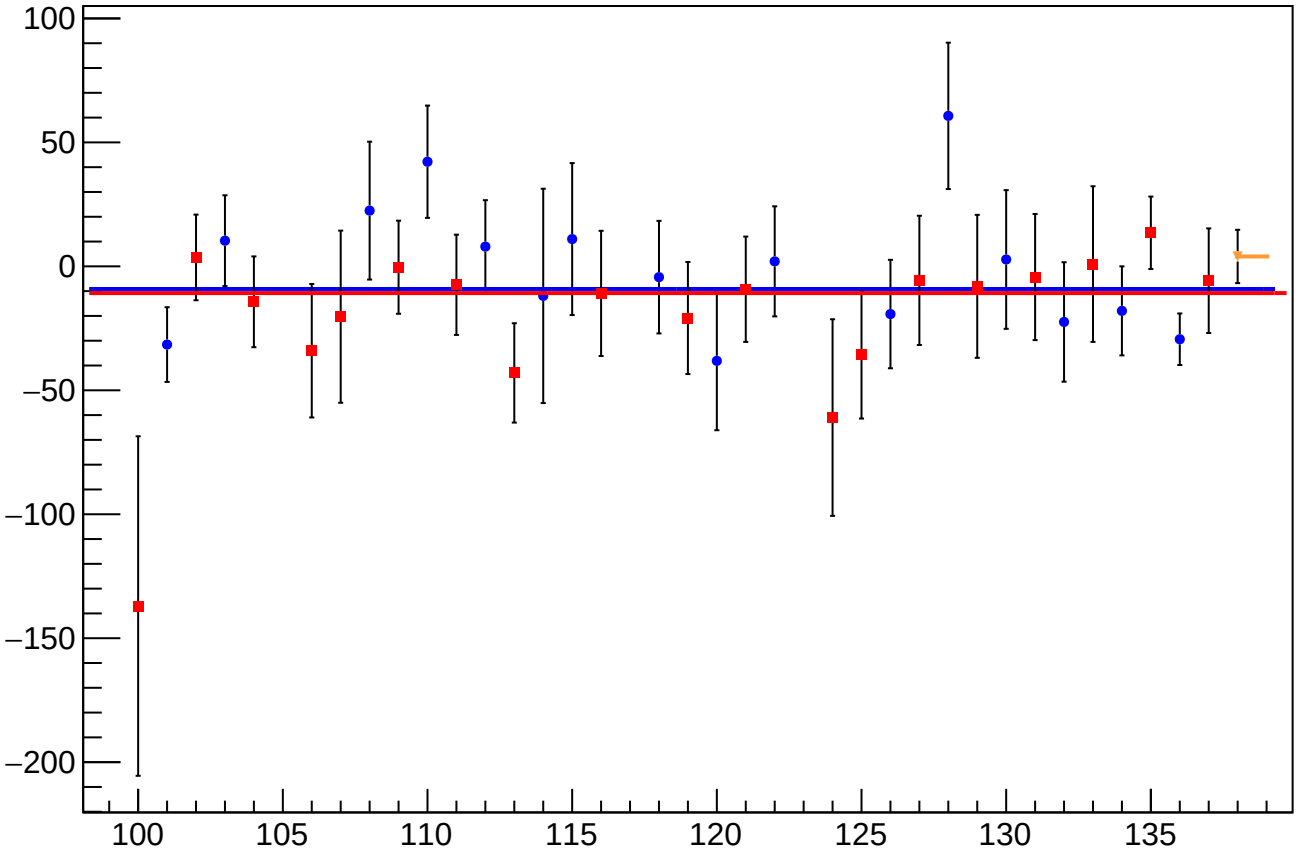
Right Out: 565.223+/-0.173 χ^2/NDF: 3571620.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 571.385+/-0.163 χ^2/NDF: 3461379.9/16

All: 568.480+/-0.119 χ^2/NDF: 7033672.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -9.130+/-5.069 χ^2/NDF: 22.7/15

Left Out: 3.983+/-10.753 χ^2/NDF:0.0/0

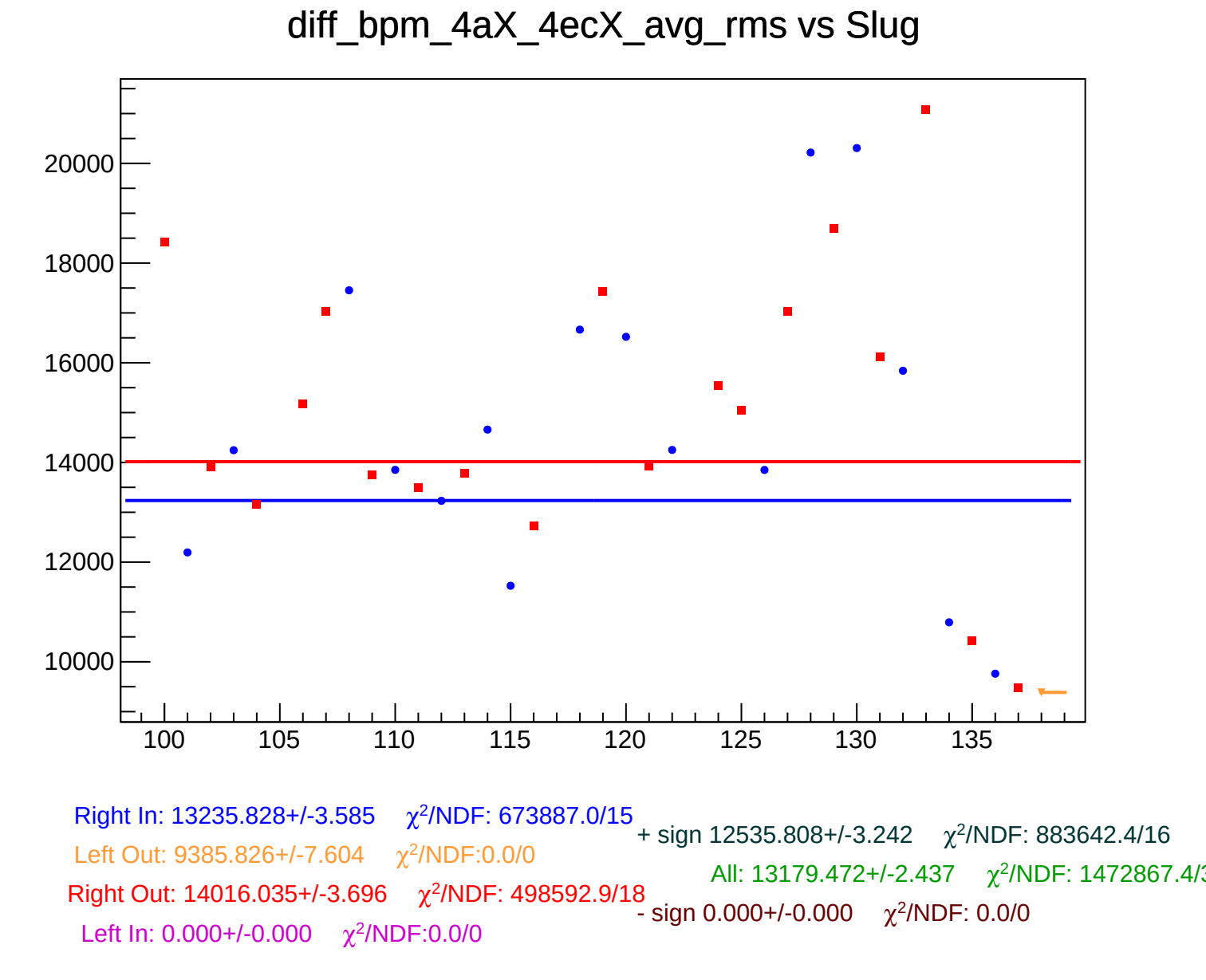
Right Out: -10.788+/-5.227 χ^2/NDF: 13.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

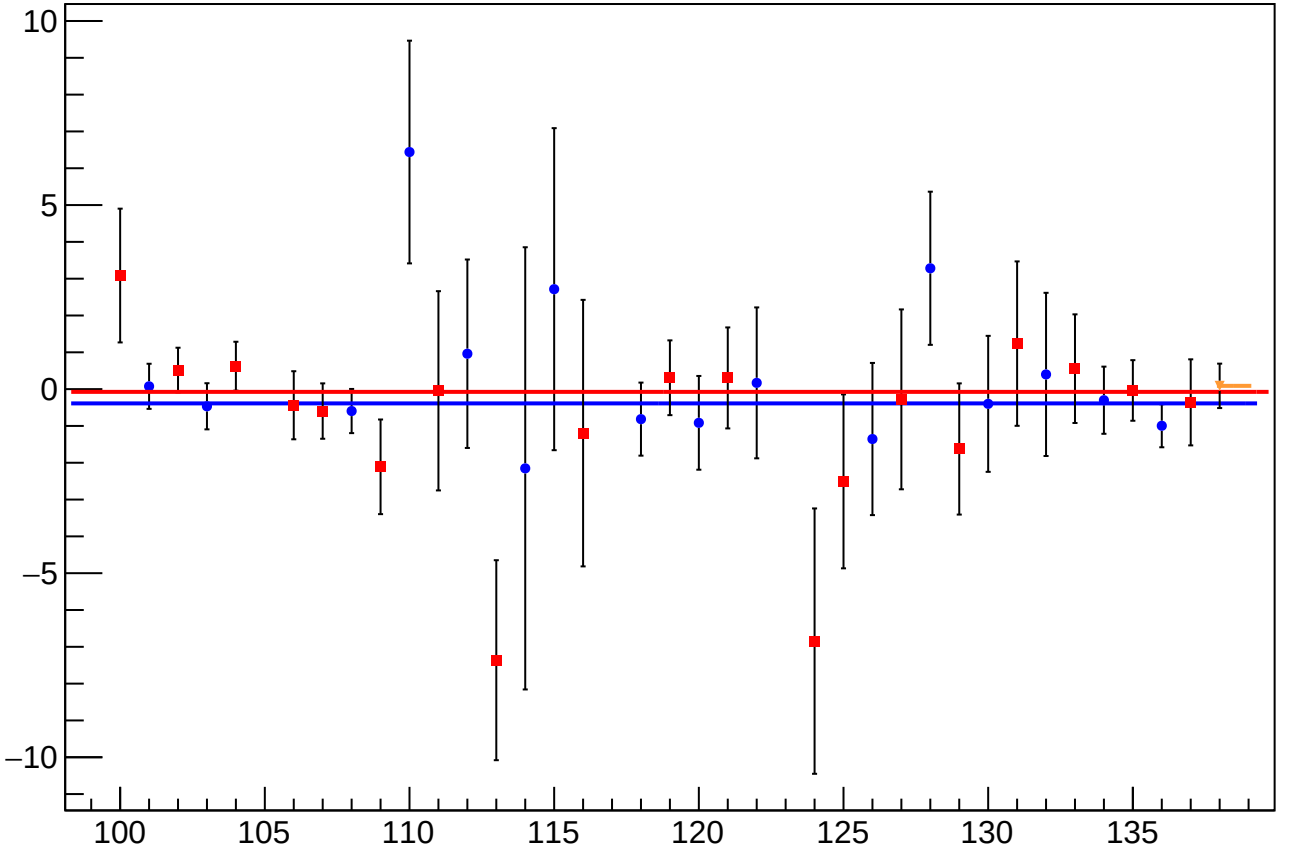
+ sign -6.746+/-4.585 χ^2/NDF: 24.0/16

All: -8.504+/-3.447 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


diff_bpm_4aX_4ecX_avg_rms vs Slug
20000
18000
16000
14000
12000
10000
100
105
110
115
120
125
130
135
Right In: 13235.828+/-3.585 χ²/NDF: 673887.0/15
Left Out: 9385.826+/-7.604 χ²/NDF:0.0/0
Right Out: 14016.035+/-3.696 χ²/NDF: 498592.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 12535.808+/-3.242 χ²/NDF: 883642.4/16
All: 13179.472+/-2.437 χ²/NDF: 1472867.4/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.388+/-0.256 χ^2/NDF: 11.7/15

Left Out: 0.089+/-0.603 χ^2/NDF:0.0/0

Right Out: -0.075+/-0.265 χ^2/NDF: 21.7/18

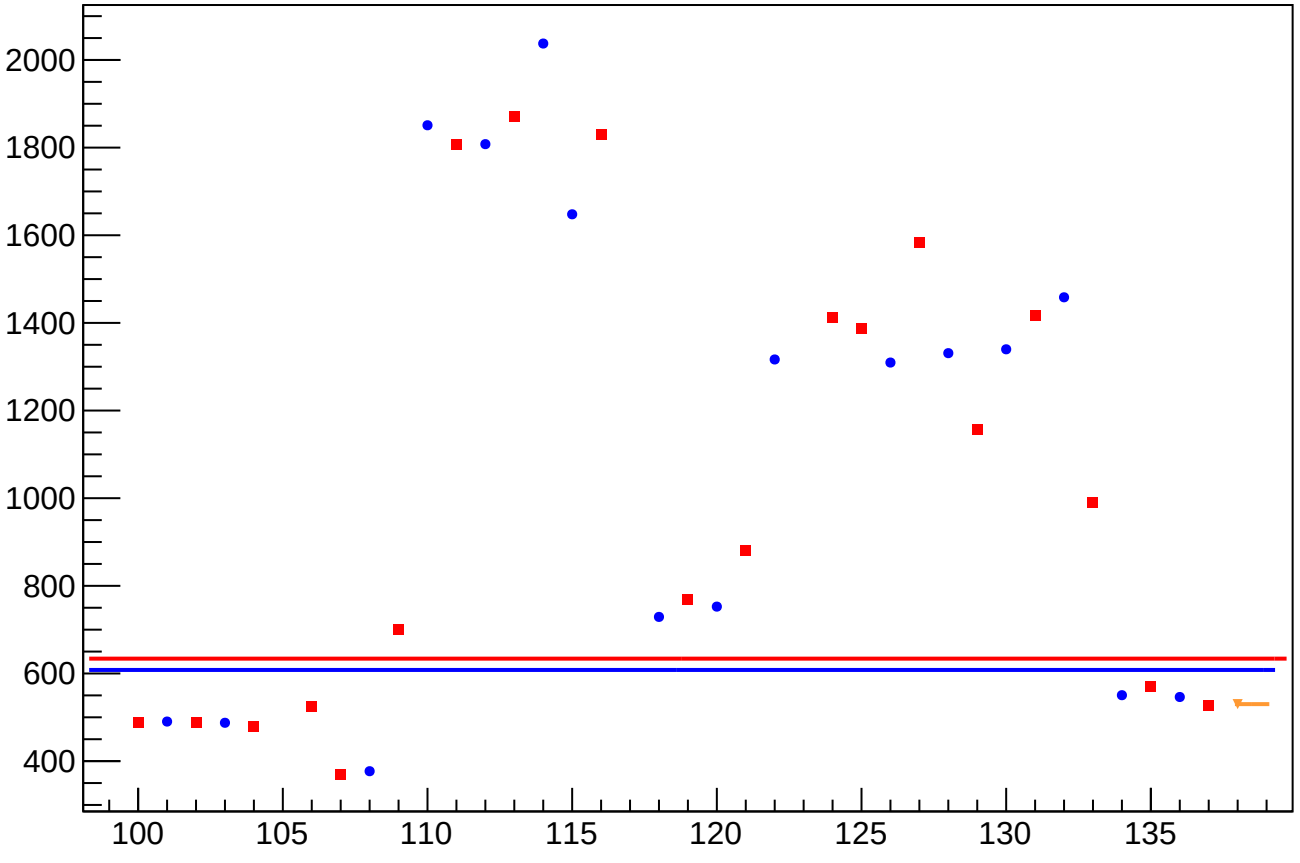
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.315+/-0.235 χ^2/NDF: 12.2/16

All: -0.209+/-0.176 χ^2/NDF: 34.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 608.063+/-0.181 χ^2/NDF: 2852722.1/15

Left Out: 530.091+/-0.427 χ^2/NDF:0.0/0

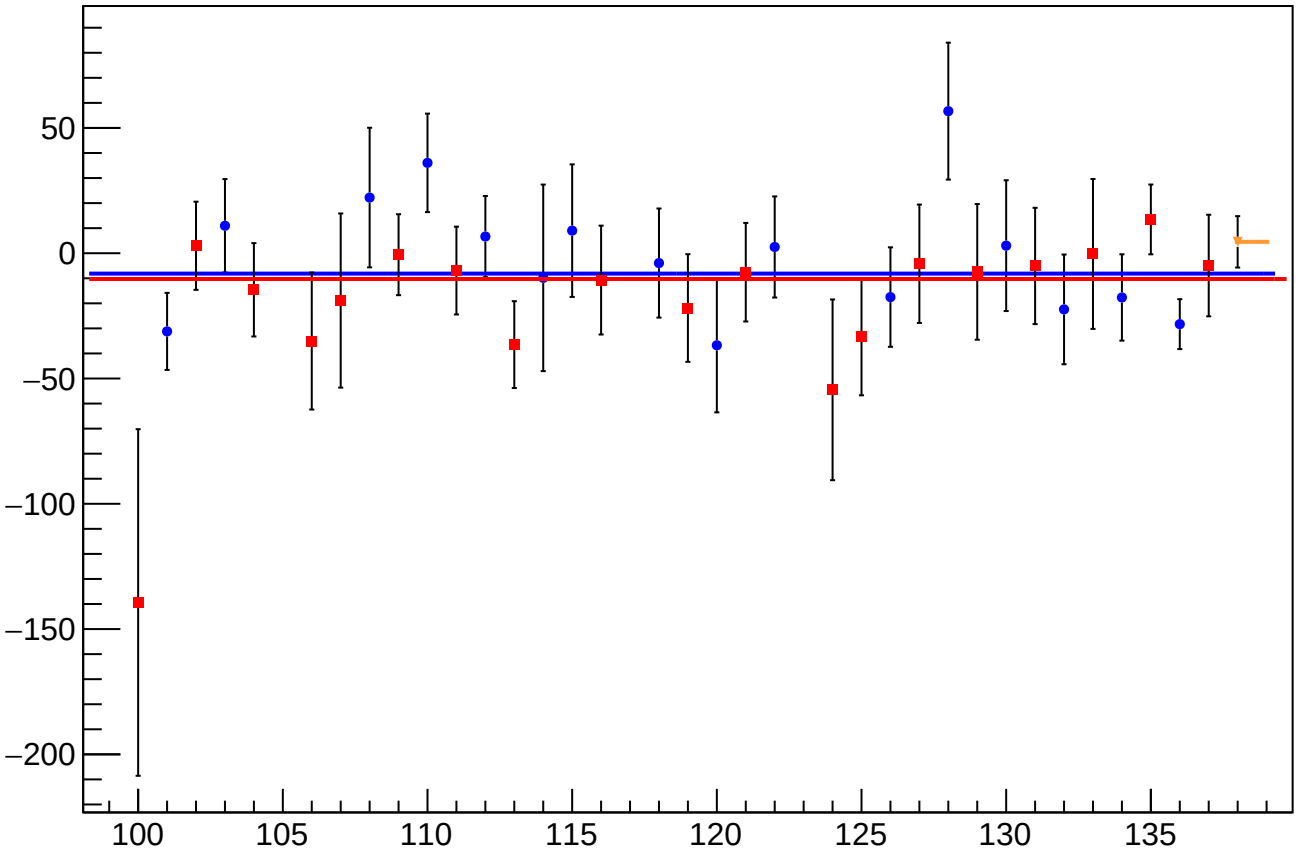
Right Out: 633.883+/-0.187 χ^2/NDF: 2788449.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 596.189+/-0.166 χ^2/NDF: 2881041.2/16

All: 612.850+/-0.124 χ^2/NDF: 5692151.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -8.132+/-4.779 χ^2/NDF: 23.1/15

Left Out: 4.544+/-10.254 χ^2/NDF:0.0/0

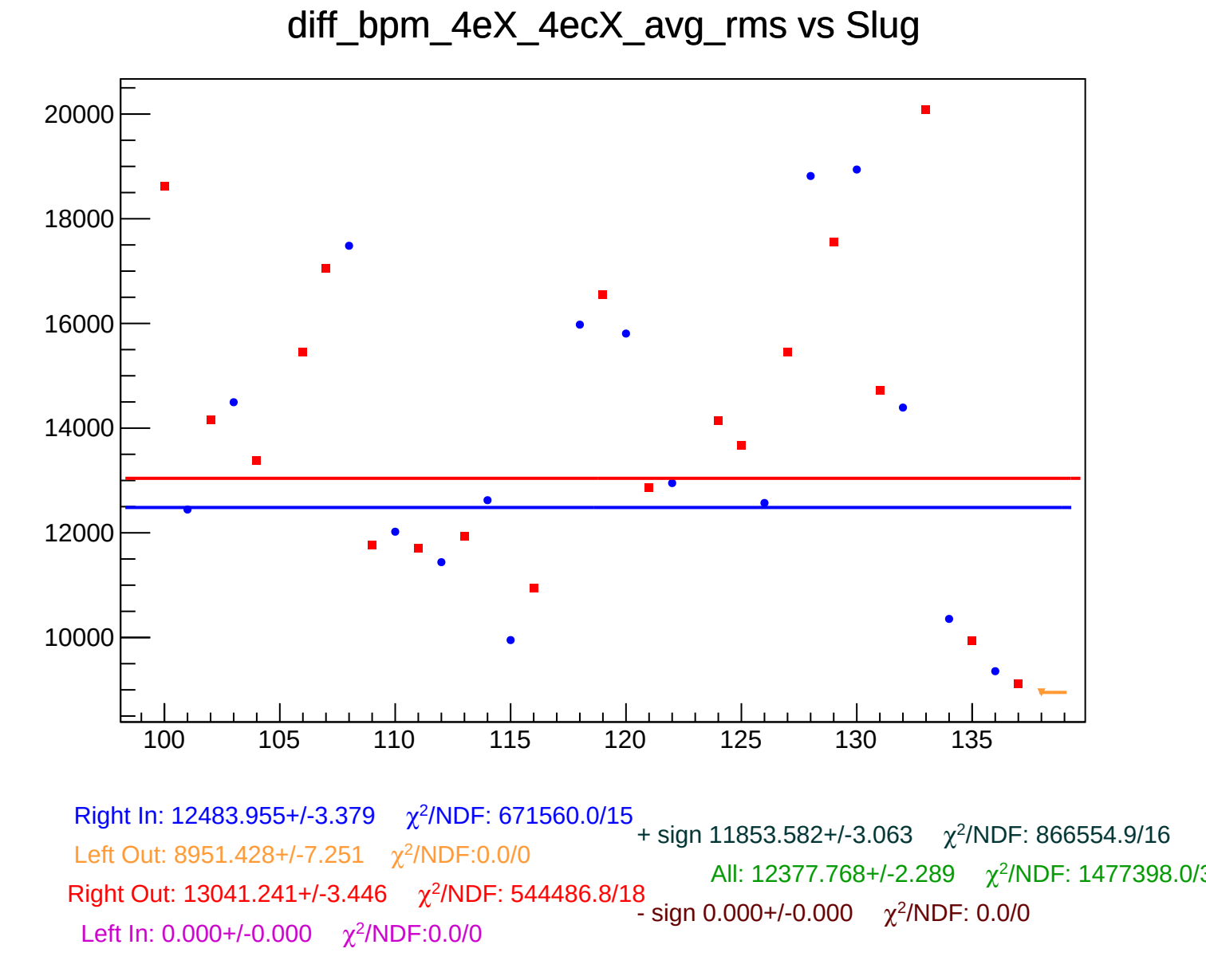
Right Out: -10.288+/-4.873 χ^2/NDF: 13.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

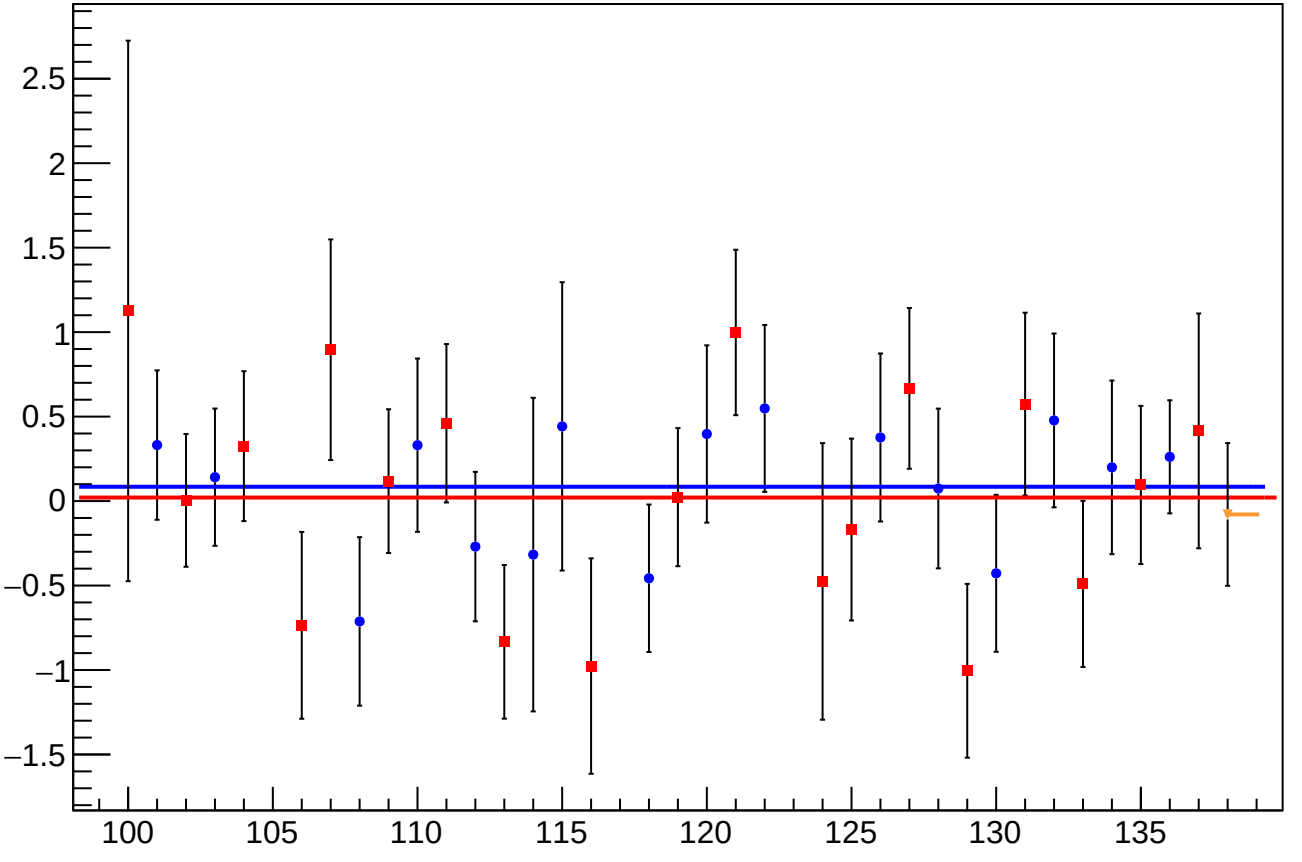
+ sign -5.870+/-4.332 χ^2/NDF: 24.4/16

All: -7.820+/-3.238 χ^2/NDF: 38.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


diff_bpm_4eX_4ecX_avg_rms vs Slug
20000
18000
16000
14000
12000
10000
100
105
110
115
120
125
130
135
Right In: 12483.955+/-3.379 χ²/NDF: 671560.0/15
Left Out: 8951.428+/-7.251 χ²/NDF:0.0/0
Right Out: 13041.241+/-3.446 χ²/NDF: 544486.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 11853.582+/-3.063 χ²/NDF: 866554.9/16
All: 12377.768+/-2.289 χ²/NDF: 1477398.0/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: 0.085+/-0.120 χ^2/NDF: 9.4/15

Left Out: -0.079+/-0.422 χ^2/NDF:0.0/0

Right Out: 0.021+/-0.117 χ^2/NDF: 24.3/18

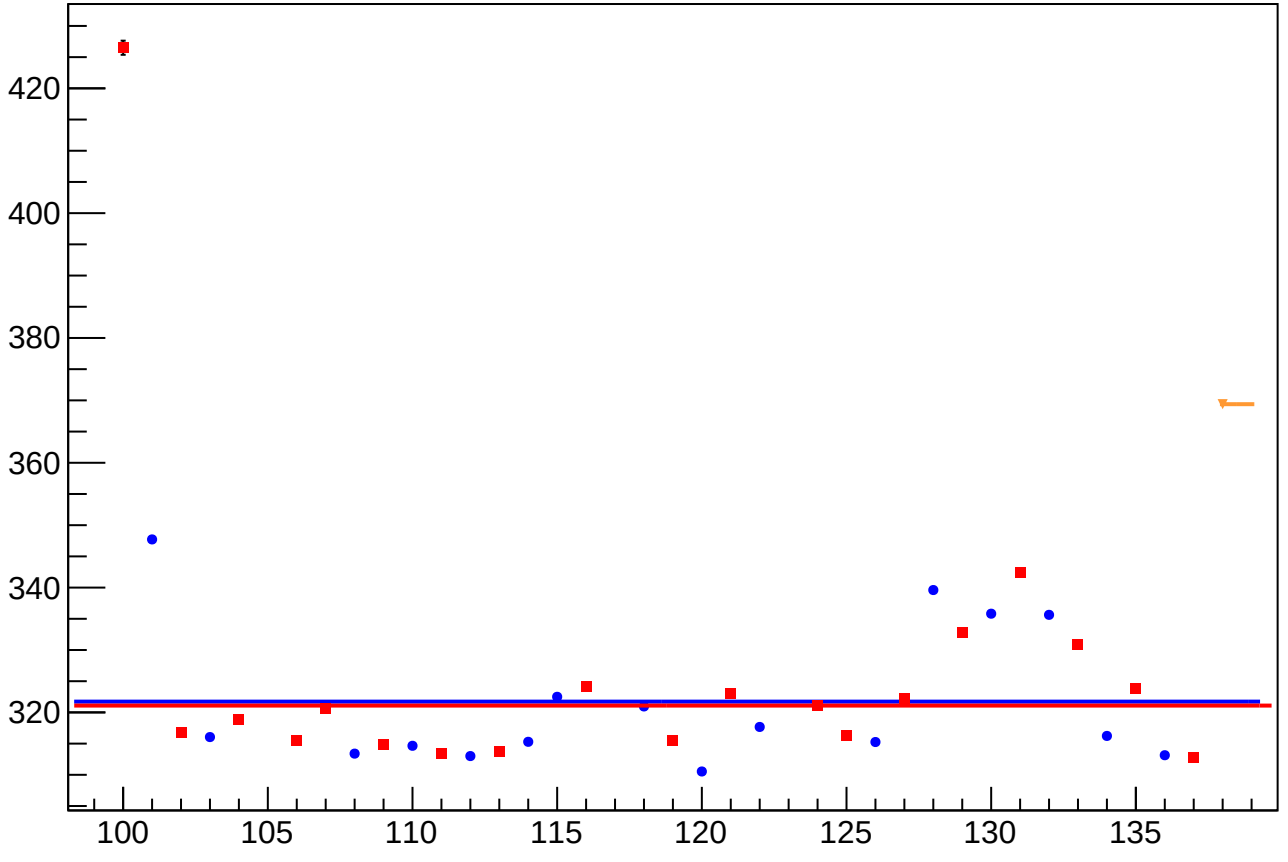
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.072+/-0.116 χ^2/NDF: 9.5/16

All: 0.047+/-0.082 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 321.727+/-0.085 χ^2/NDF: 18214.6/15

Left Out: 369.390+/-0.299 χ^2/NDF:0.0/0

Right Out: 321.093+/-0.083 χ^2/NDF: 16579.3/18

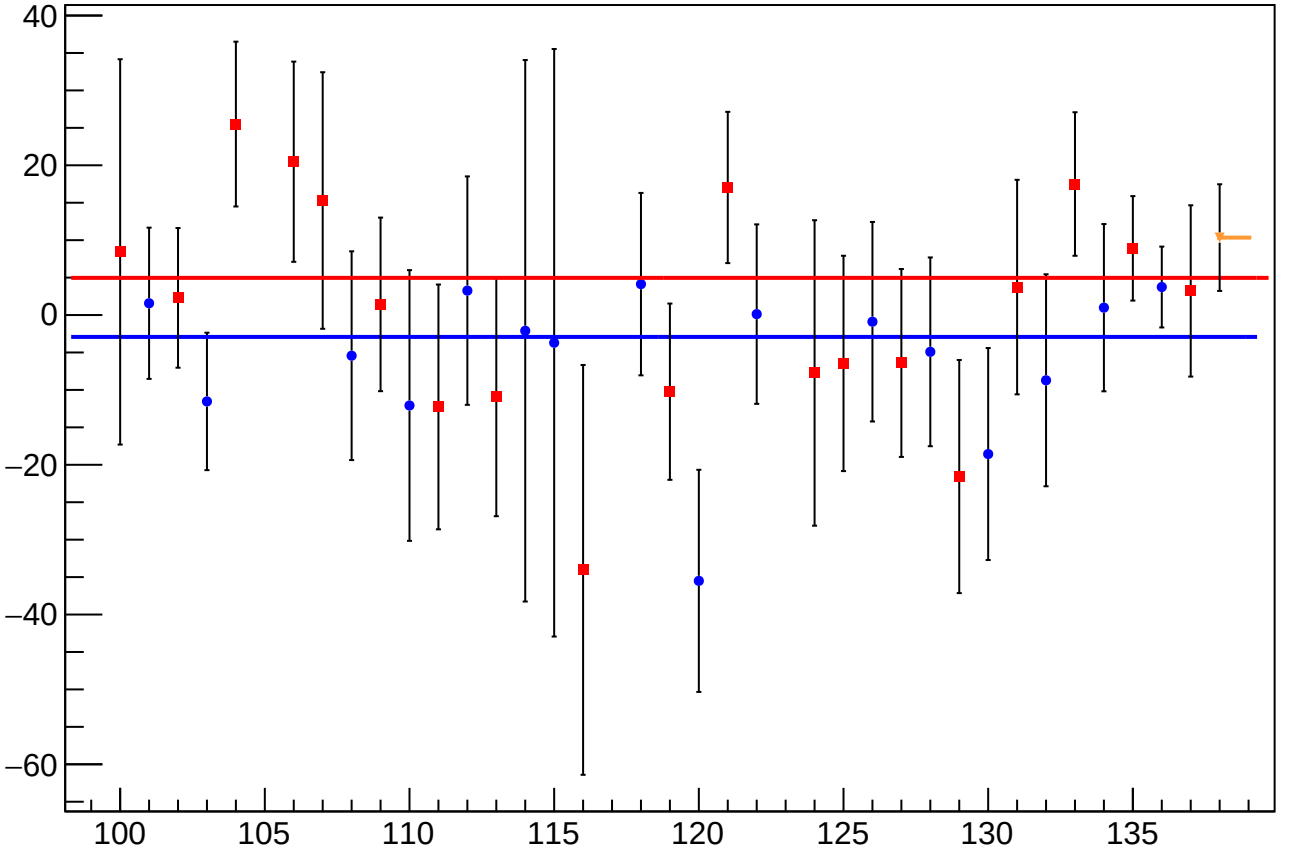
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 325.294+/-0.082 χ^2/NDF: 41764.6/16

All: 323.228+/-0.058 χ^2/NDF: 59643.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -2.922+/-2.910 χ^2/NDF: 9.8/15

Left Out: 10.343+/-7.122 χ^2/NDF:0.0/0

Right Out: 4.965+/-2.824 χ^2/NDF: 19.4/18

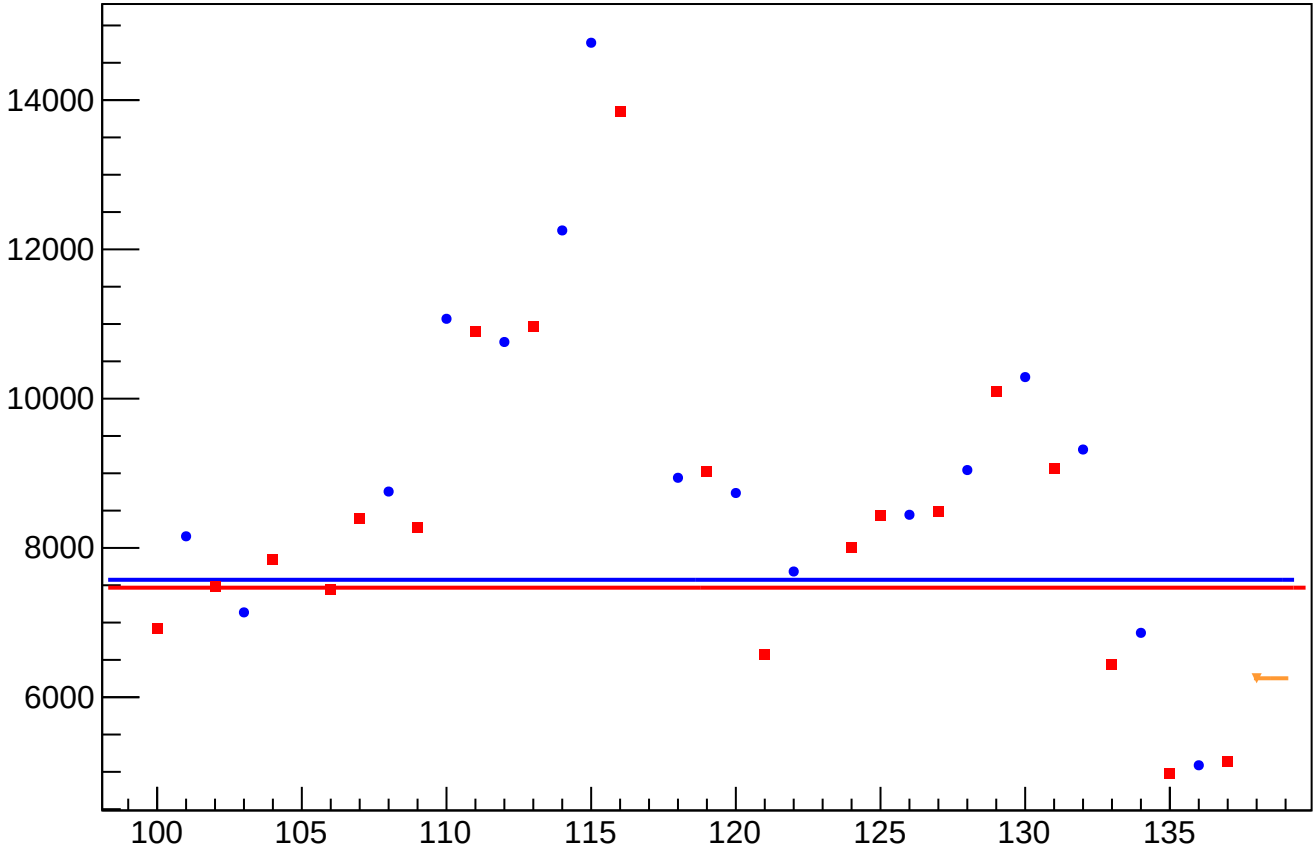
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.024+/-2.694 χ^2/NDF: 12.8/16

All: 1.830+/-1.949 χ^2/NDF: 34.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 7573.161+/-2.058 χ^2/NDF: 897588.4/15

Left Out: 6253.622+/-5.036 χ^2/NDF:0.0/0

Right Out: 7467.477+/-1.997 χ^2/NDF: 828353.3/18

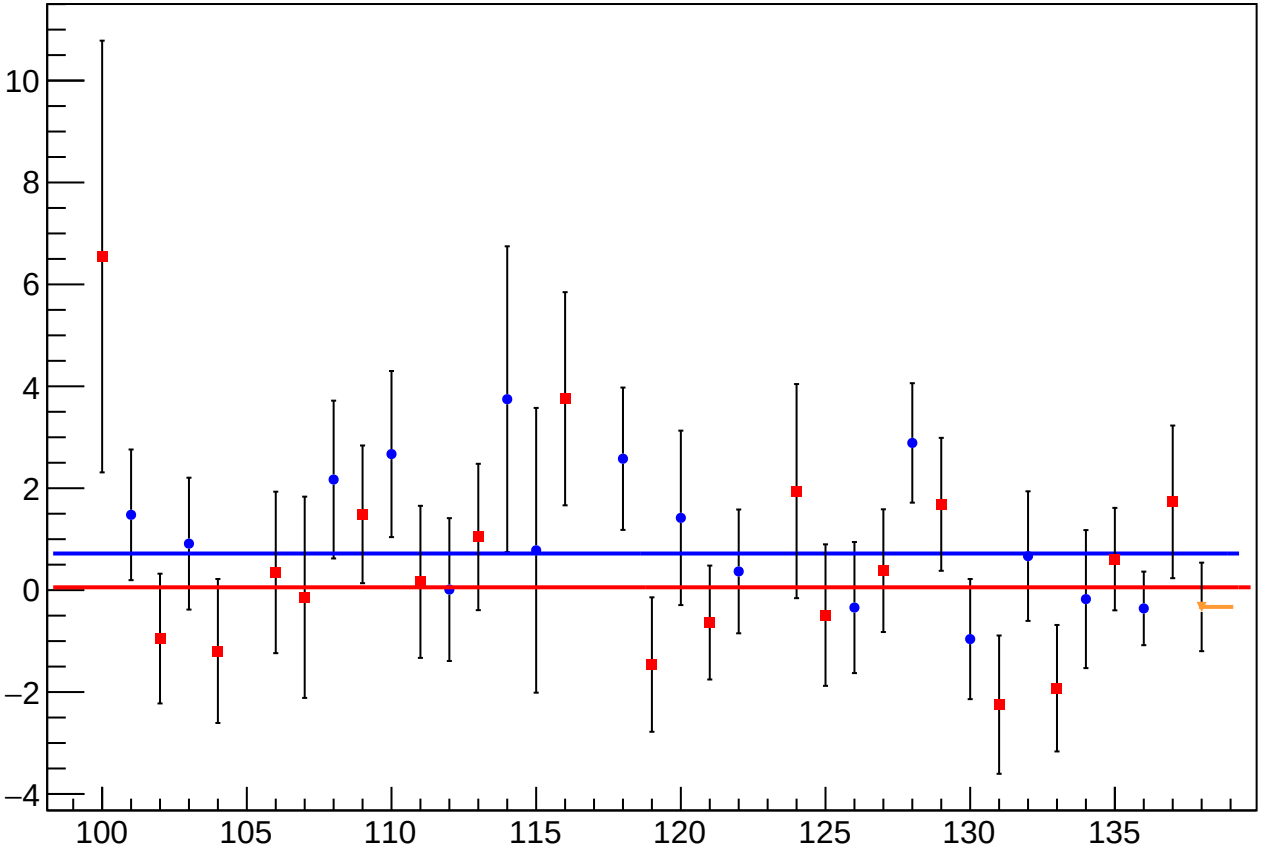
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7384.366+/-1.905 χ^2/NDF: 956413.7/16

All: 7423.966+/-1.378 χ^2/NDF: 1785673.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 0.719+/-0.326 χ^2/NDF: 14.8/15

Left Out: -0.329+/-0.869 χ^2/NDF:0.0/0

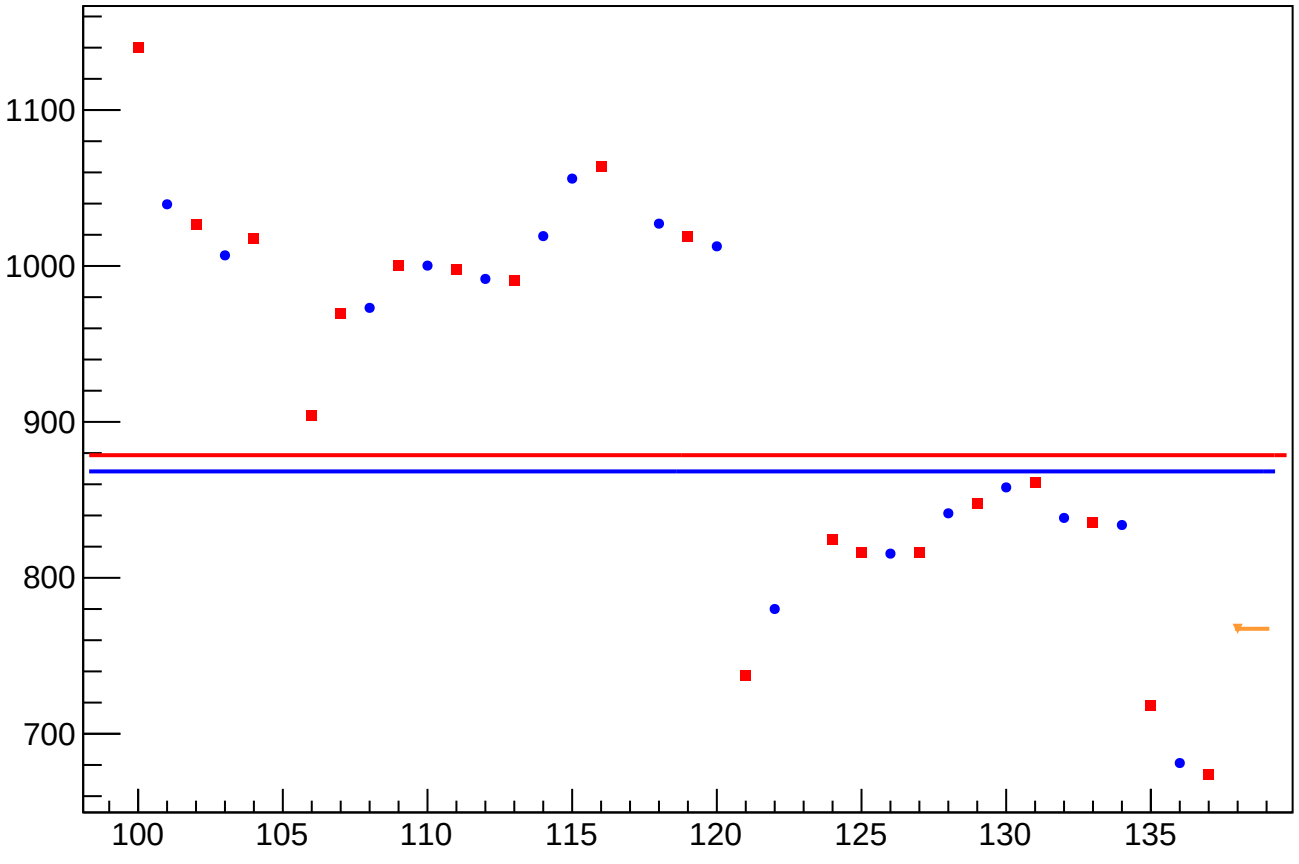
Right Out: 0.056+/-0.323 χ^2/NDF: 19.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.589+/-0.305 χ^2/NDF: 16.1/16

All: 0.338+/-0.222 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 868.253+/-0.230 χ^2/NDF: 302409.6/15

Left Out: 767.331+/-0.614 χ^2/NDF:0.0/0

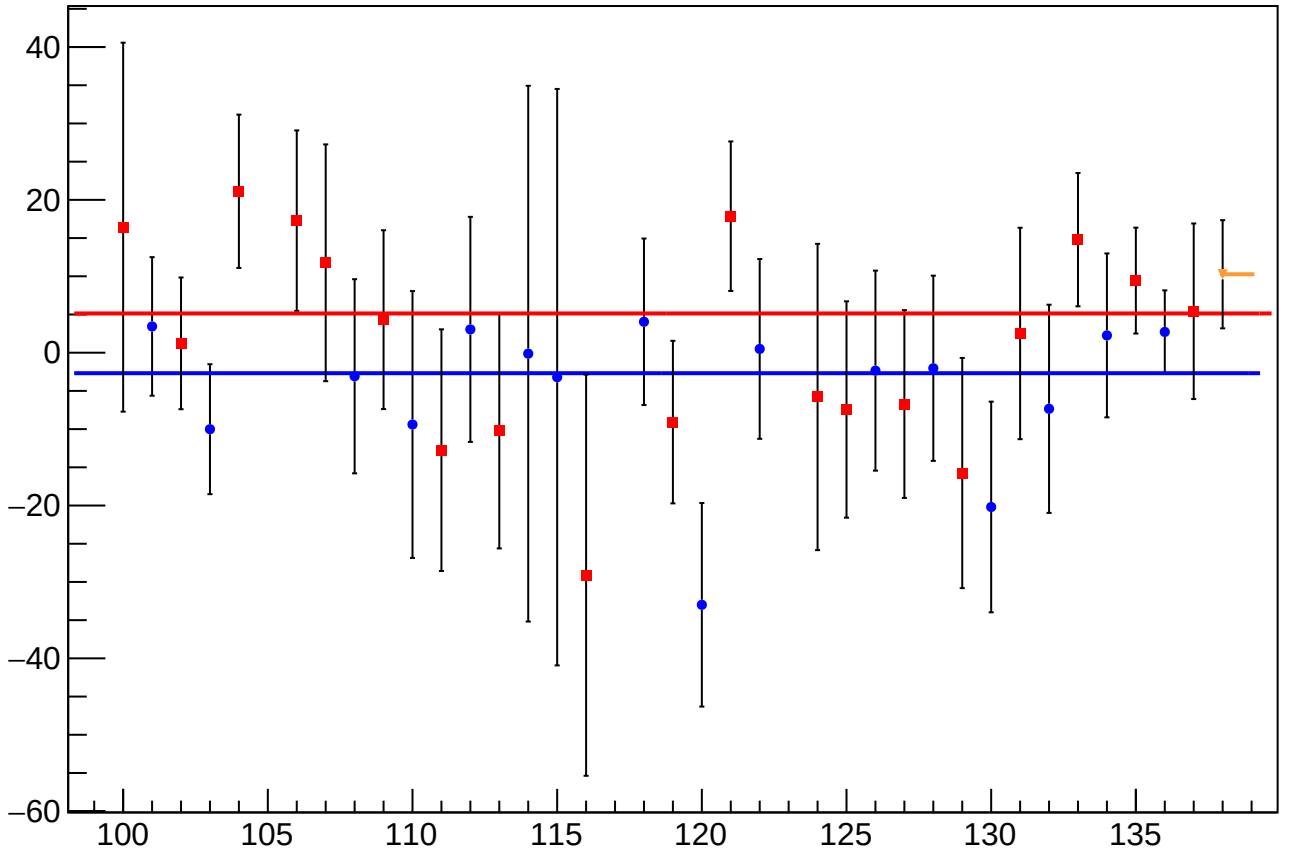
Right Out: 878.658+/-0.229 χ^2/NDF: 272530.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 855.799+/-0.216 χ^2/NDF: 326073.2/16

All: 866.567+/-0.157 χ^2/NDF: 603890.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.683+/-2.788 χ^2/NDF: 10.1/15

Left Out: 10.264+/-7.077 χ^2/NDF:0.0/0

Right Out: 5.136+/-2.692 χ^2/NDF: 17.3/18

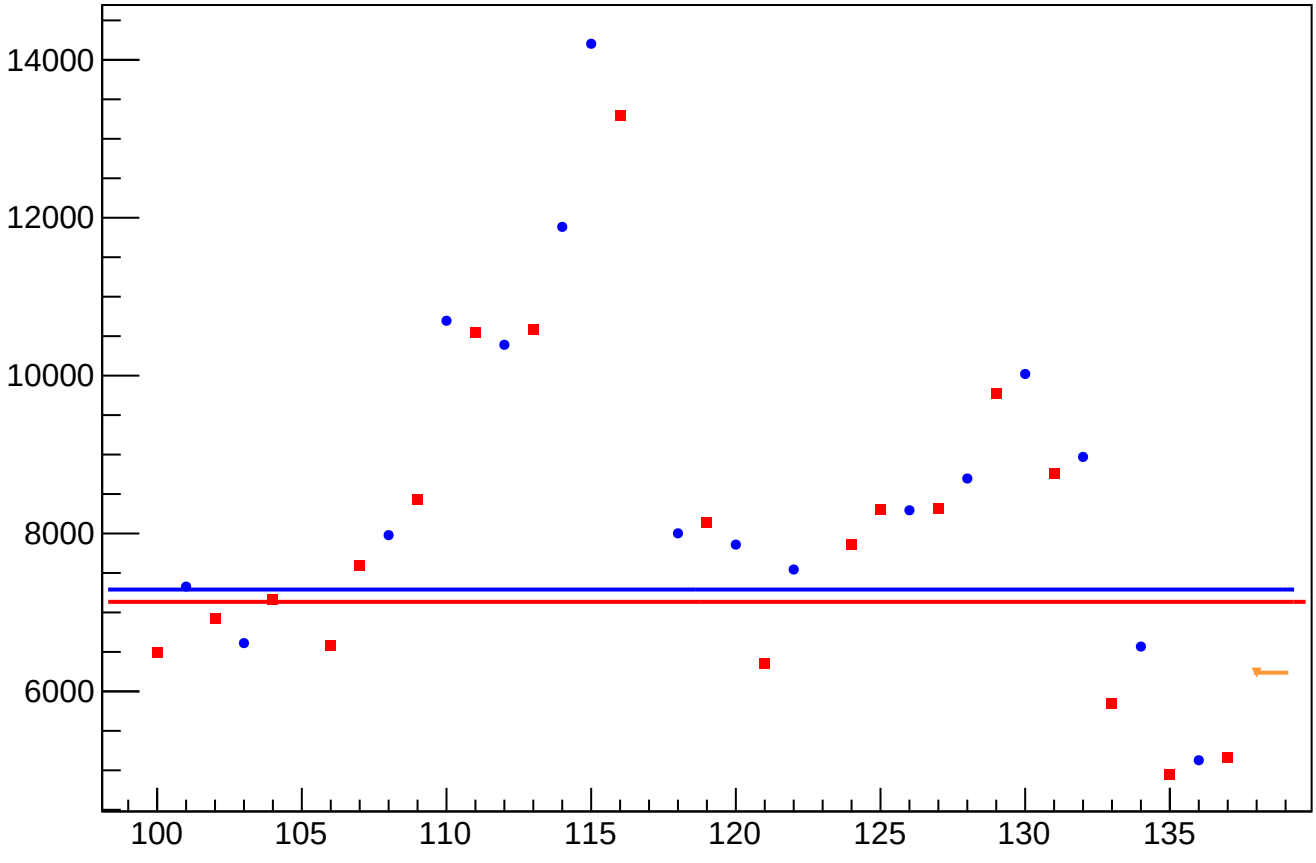
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.944+/-2.594 χ^2/NDF: 13.0/16

All: 1.984+/-1.868 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 7290.246+/-1.972 χ^2/NDF: 770518.2/15

Left Out: 6237.092+/-5.005 χ^2/NDF:0.0/0

Right Out: 7134.411+/-1.903 χ^2/NDF: 792788.1/18

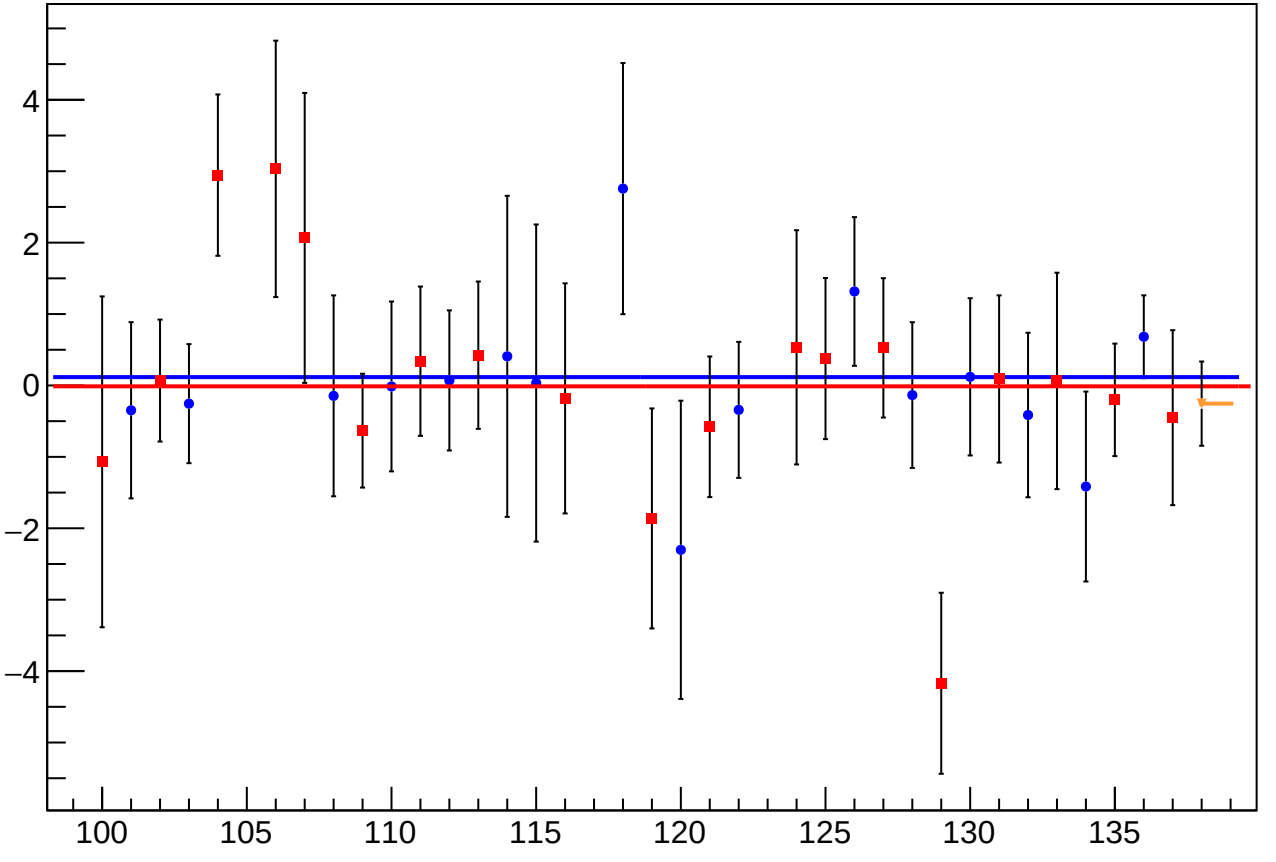
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7148.757+/-1.834 χ^2/NDF: 808853.9/16

All: 7141.849+/-1.321 χ^2/NDF: 1601671.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: 0.117+/-0.273 χ^2/NDF: 8.1/15

Left Out: -0.254+/-0.590 χ^2/NDF:0.0/0

Right Out: -0.012+/-0.263 χ^2/NDF: 25.2/18

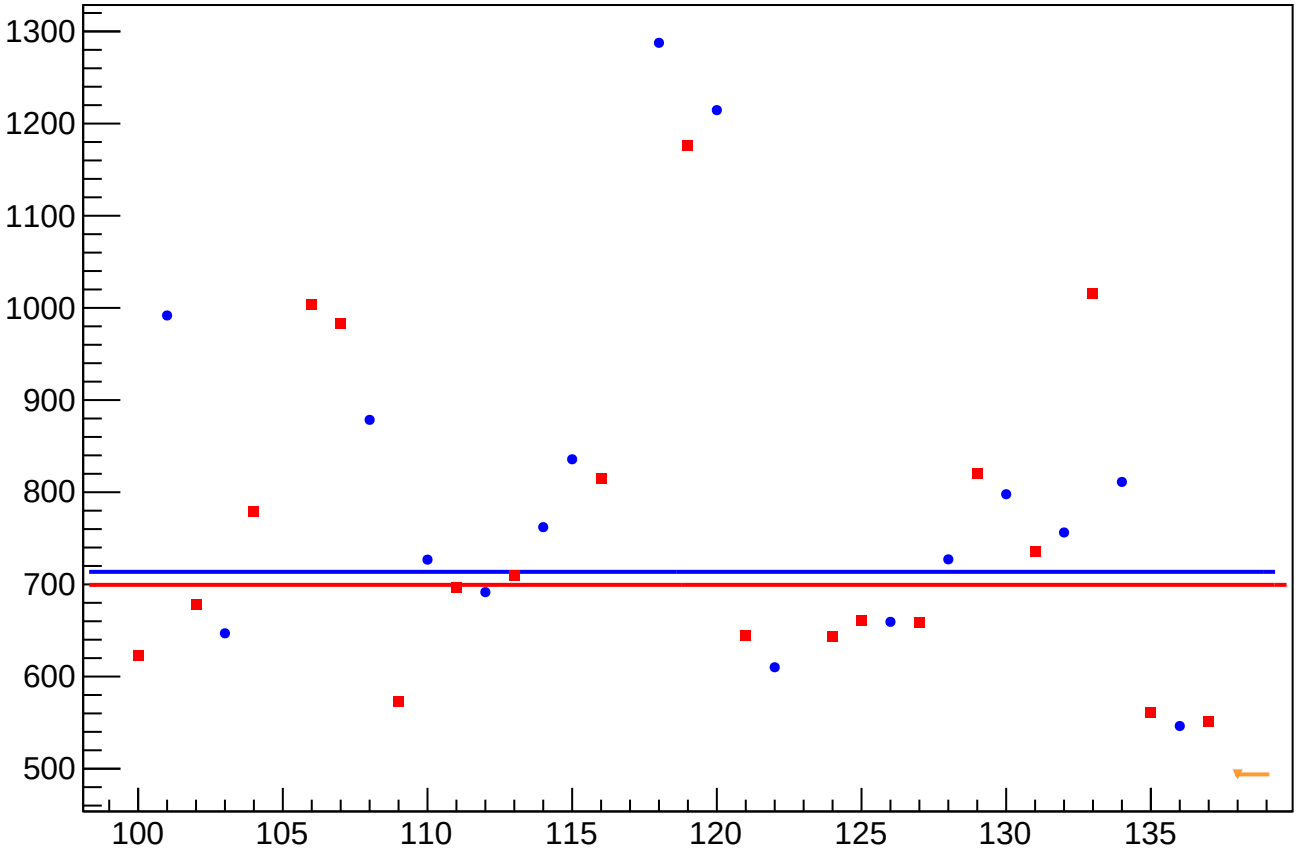
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.051+/-0.248 χ^2/NDF: 8.4/16

All: 0.022+/-0.180 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 713.627+/-0.193 χ^2/NDF: 699303.9/15

Left Out: 493.824+/-0.417 χ^2/NDF:0.0/0

Right Out: 699.502+/-0.186 χ^2/NDF: 575759.9/18

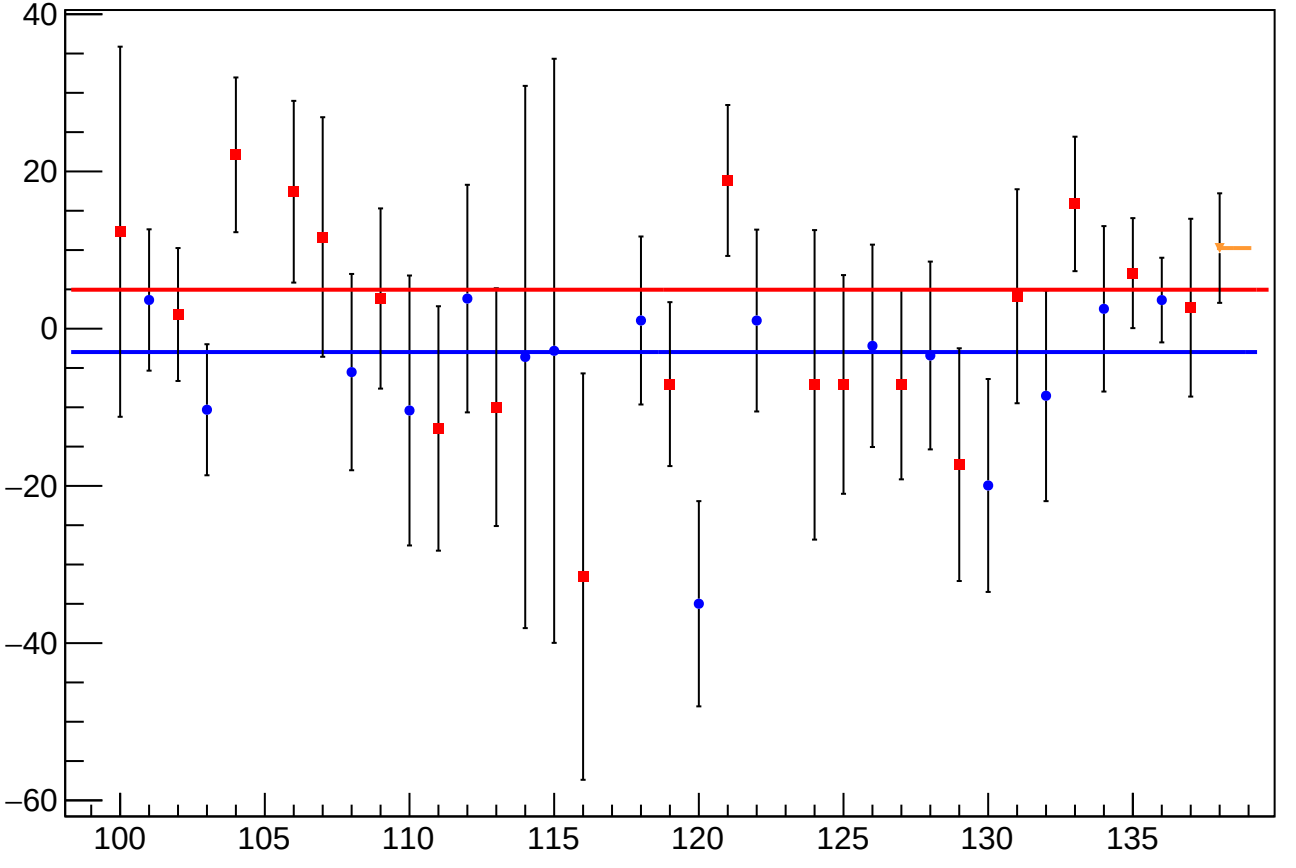
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 674.817+/-0.175 χ^2/NDF: 927952.1/16

All: 686.420+/-0.128 χ^2/NDF: 1513035.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -2.974+/-2.746 χ^2/NDF: 11.6/15

Left Out: 10.251+/-6.967 χ^2/NDF:0.0/0

Right Out: 4.955+/-2.653 χ^2/NDF: 18.5/18

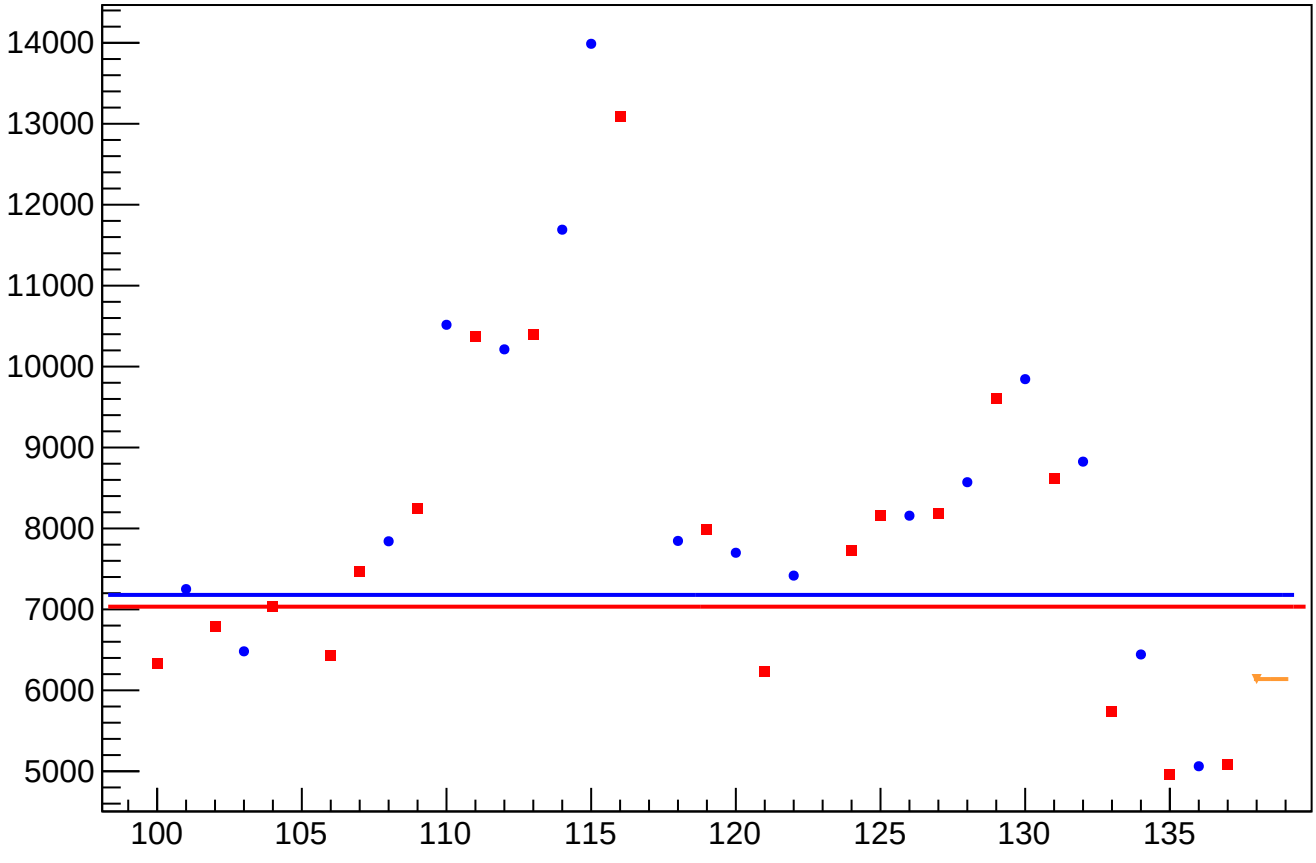
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.195+/-2.555 χ^2/NDF: 14.7/16

All: 1.764+/-1.840 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 7178.925+/-1.942 χ^2/NDF: 761936.2/15

Left Out: 6139.168+/-4.926 χ^2/NDF:0.0/0

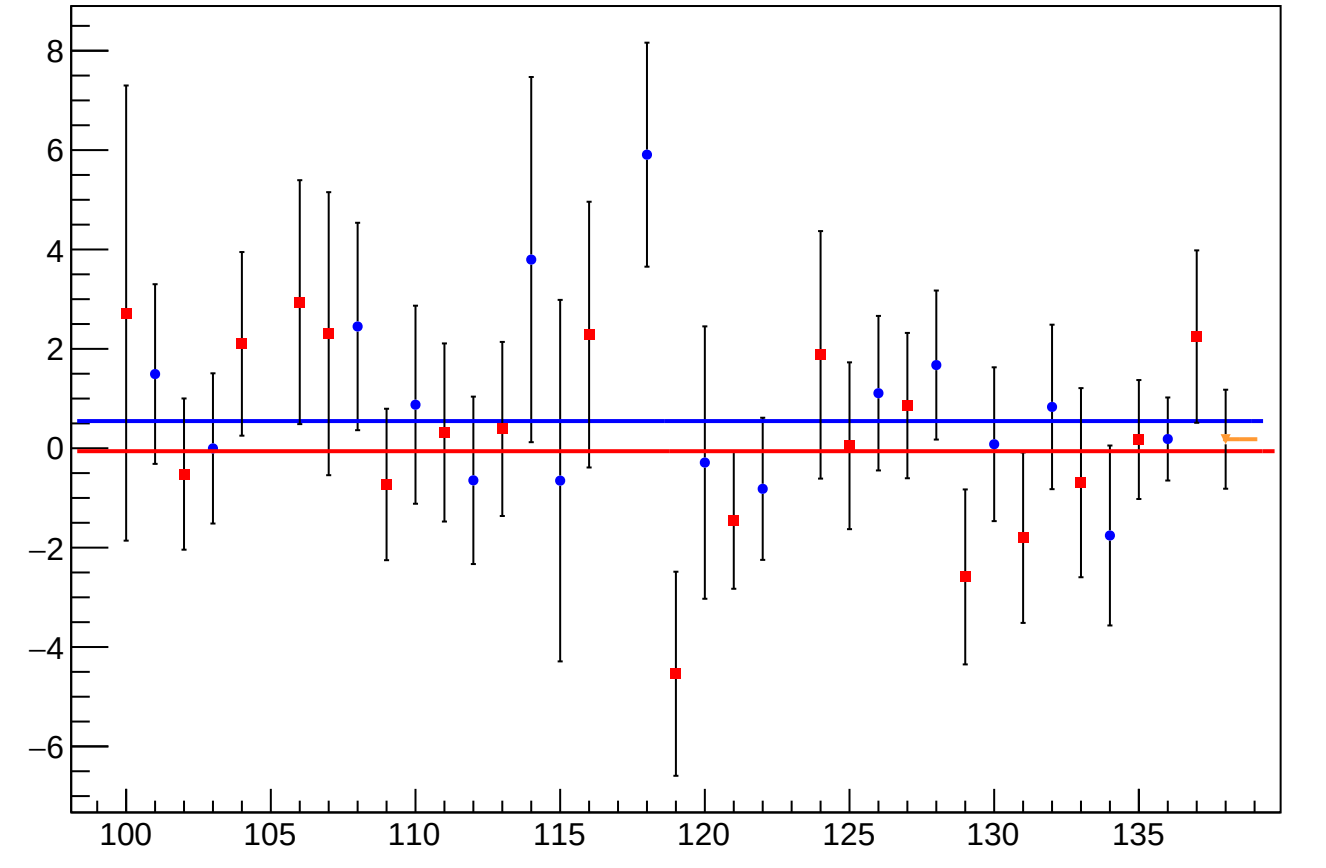
Right Out: 7033.538+/-1.876 χ^2/NDF: 766389.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7039.115+/-1.806 χ^2/NDF: 800491.6/16

All: 7036.432+/-1.301 χ^2/NDF: 1566885.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.547+/-0.411 χ^2/NDF: 11.9/15

Left Out: 0.182+/-0.996 χ^2/NDF:0.0/0

Right Out: -0.059+/-0.409 χ^2/NDF: 16.9/18

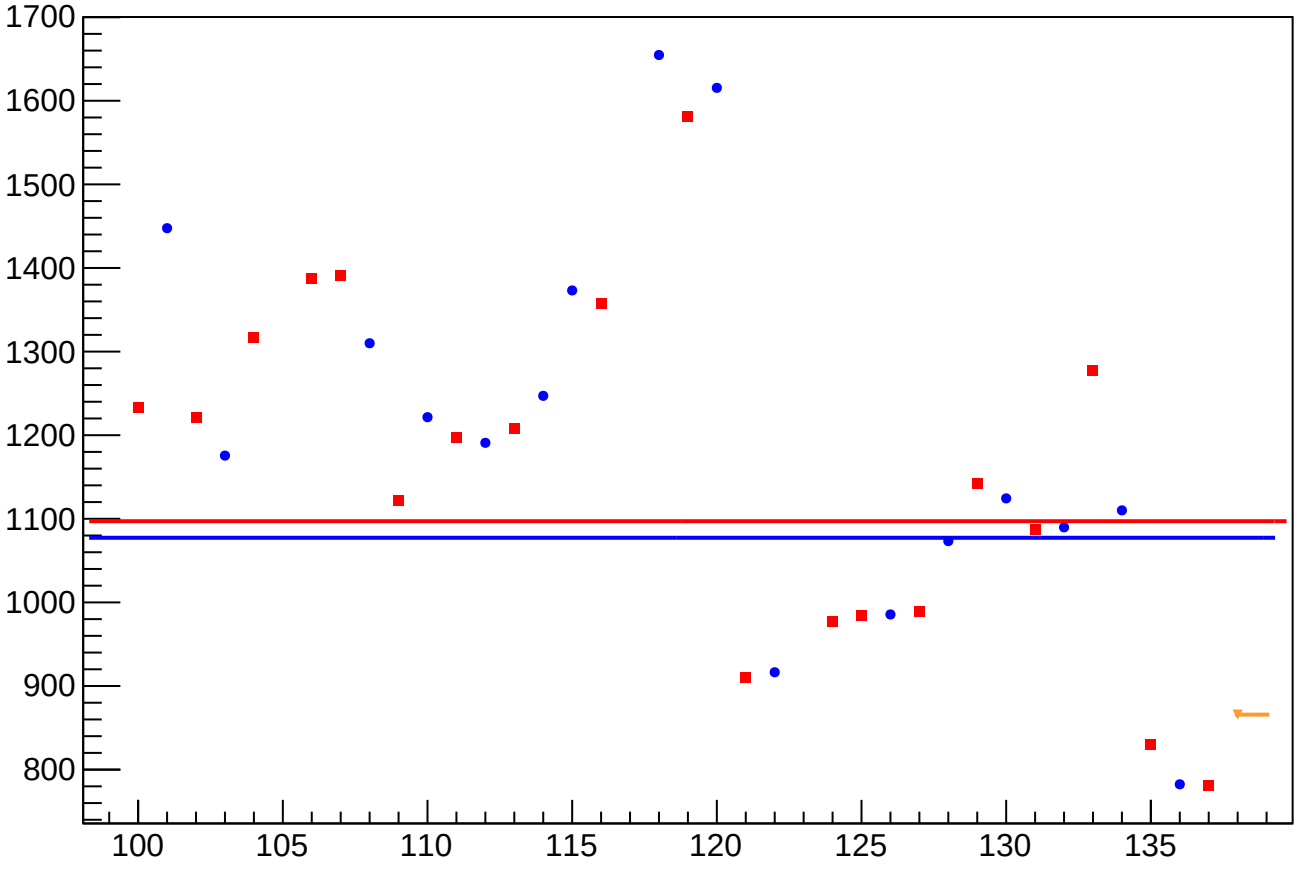
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.494+/-0.380 χ^2/NDF: 12.1/16

All: 0.238+/-0.278 χ^2/NDF: 29.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1077.306+/-0.291 χ^2/NDF: 646521.7/15

Left Out: 865.789+/-0.704 χ^2/NDF:0.0/0

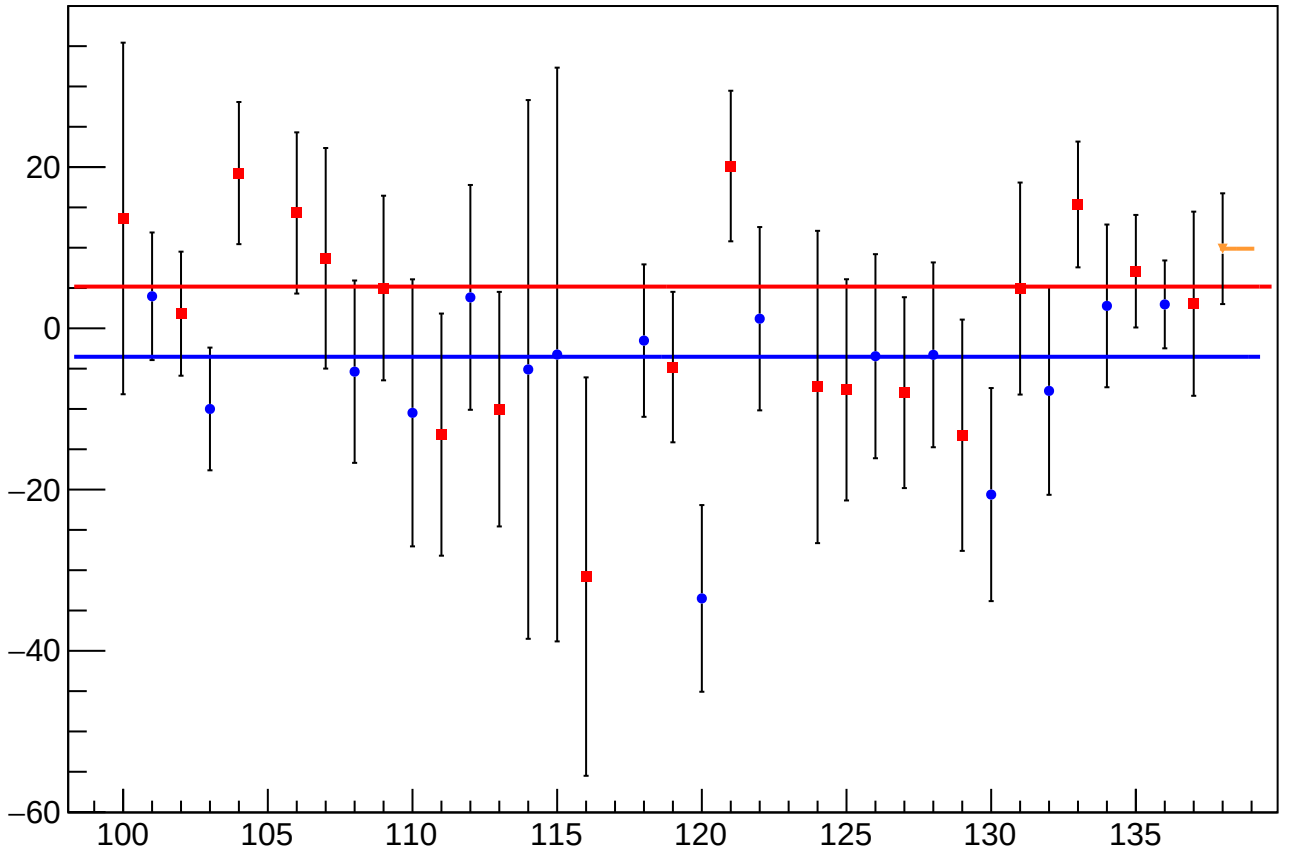
Right Out: 1097.108+/-0.289 χ^2/NDF: 484370.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1046.557+/-0.269 χ^2/NDF: 723571.9/16

All: 1069.976+/-0.197 χ^2/NDF: 1224352.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3.527+/-2.608 χ^2/NDF: 12.6/15

Left Out: 9.877+/-6.869 χ^2/NDF:0.0/0

Right Out: 5.176+/-2.508 χ^2/NDF: 18.2/18

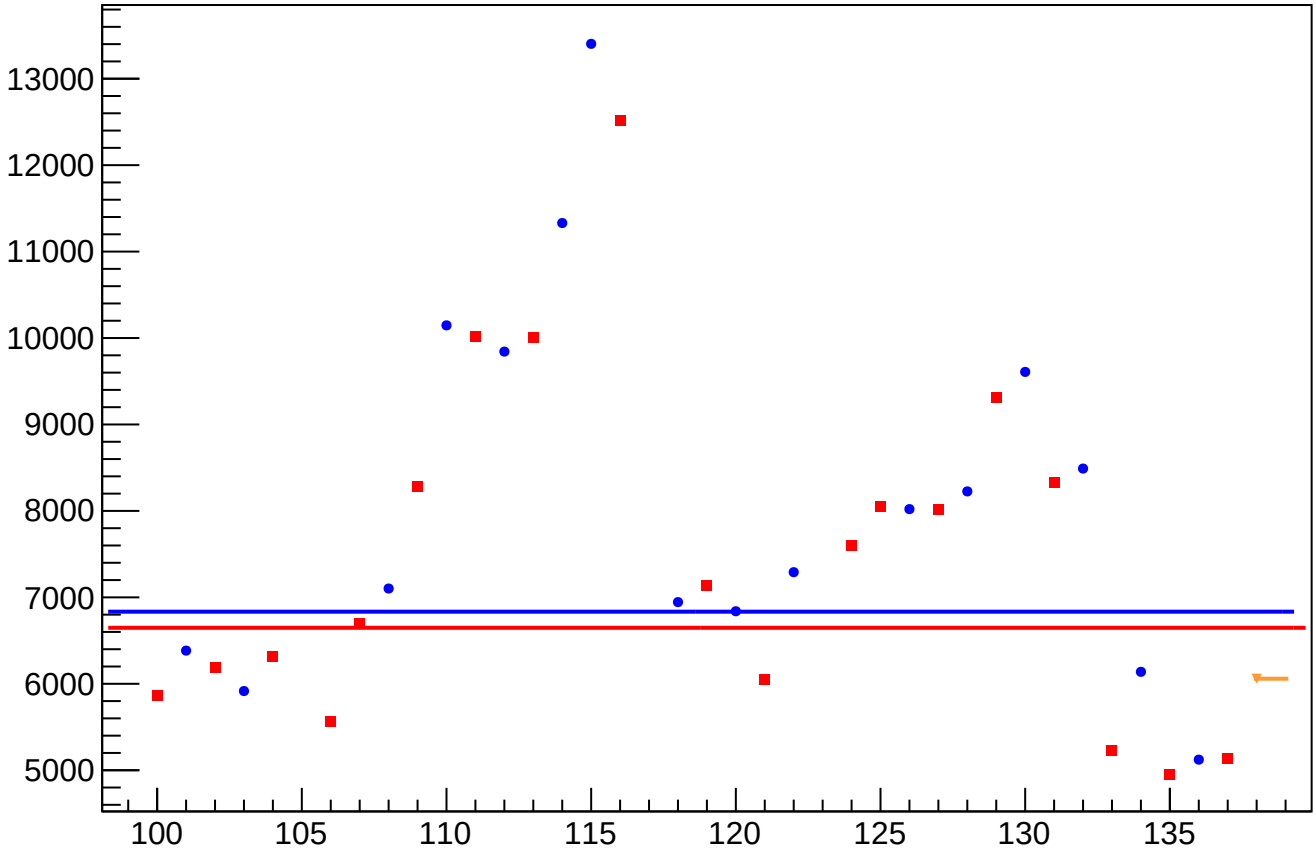
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.838+/-2.438 χ^2/NDF: 15.9/16

All: 1.570+/-1.748 χ^2/NDF: 38.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 6834.346+/-1.844 χ^2/NDF: 692722.6/15

Left Out: 6058.876+/-4.857 χ^2/NDF:0.0/0

Right Out: 6647.996+/-1.773 χ^2/NDF: 785102.6/18

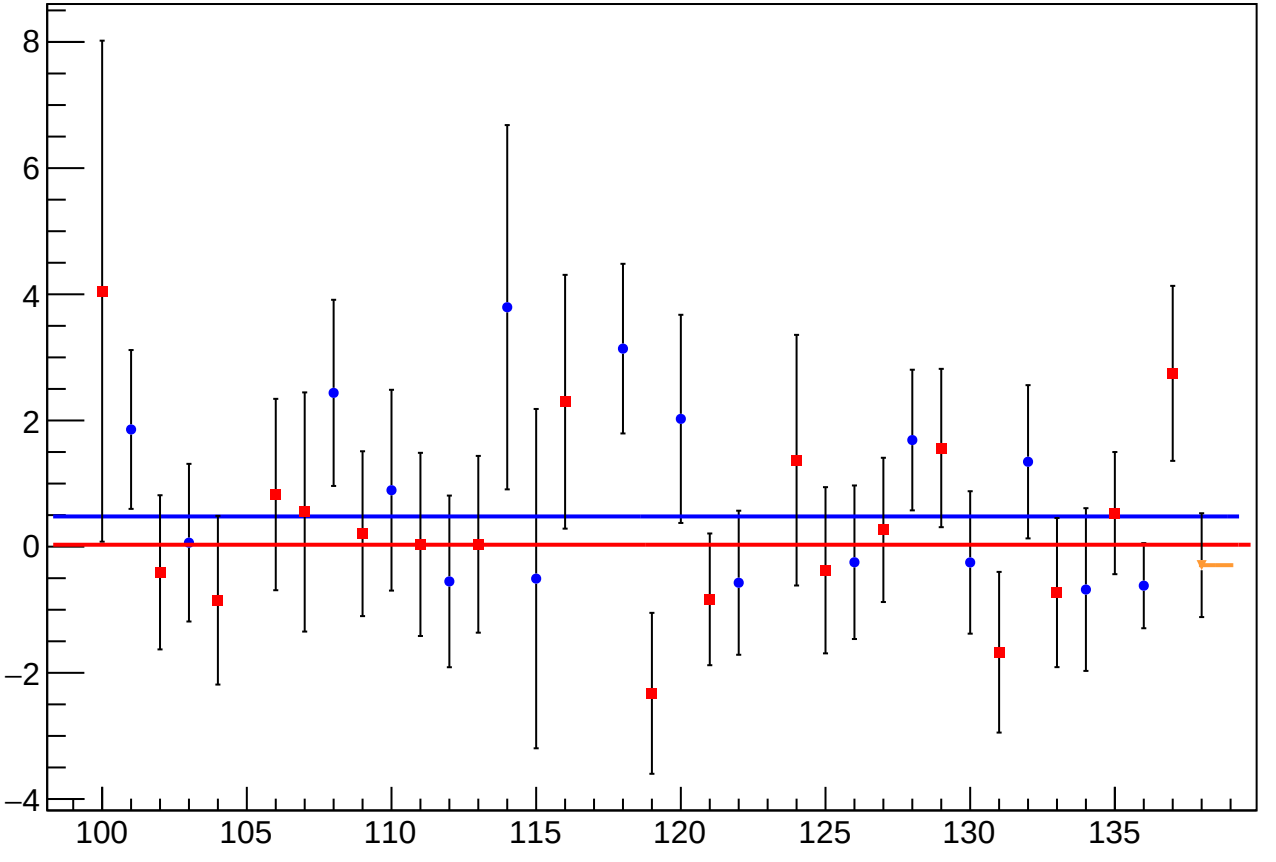
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6736.630+/-1.724 χ^2/NDF: 715001.5/16

All: 6693.561+/-1.236 χ^2/NDF: 1501388.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 0.479+/-0.311 χ^2/NDF: 16.7/15

Left Out: -0.293+/-0.823 χ^2/NDF:0.0/0

Right Out: 0.030+/-0.309 χ^2/NDF: 15.7/18

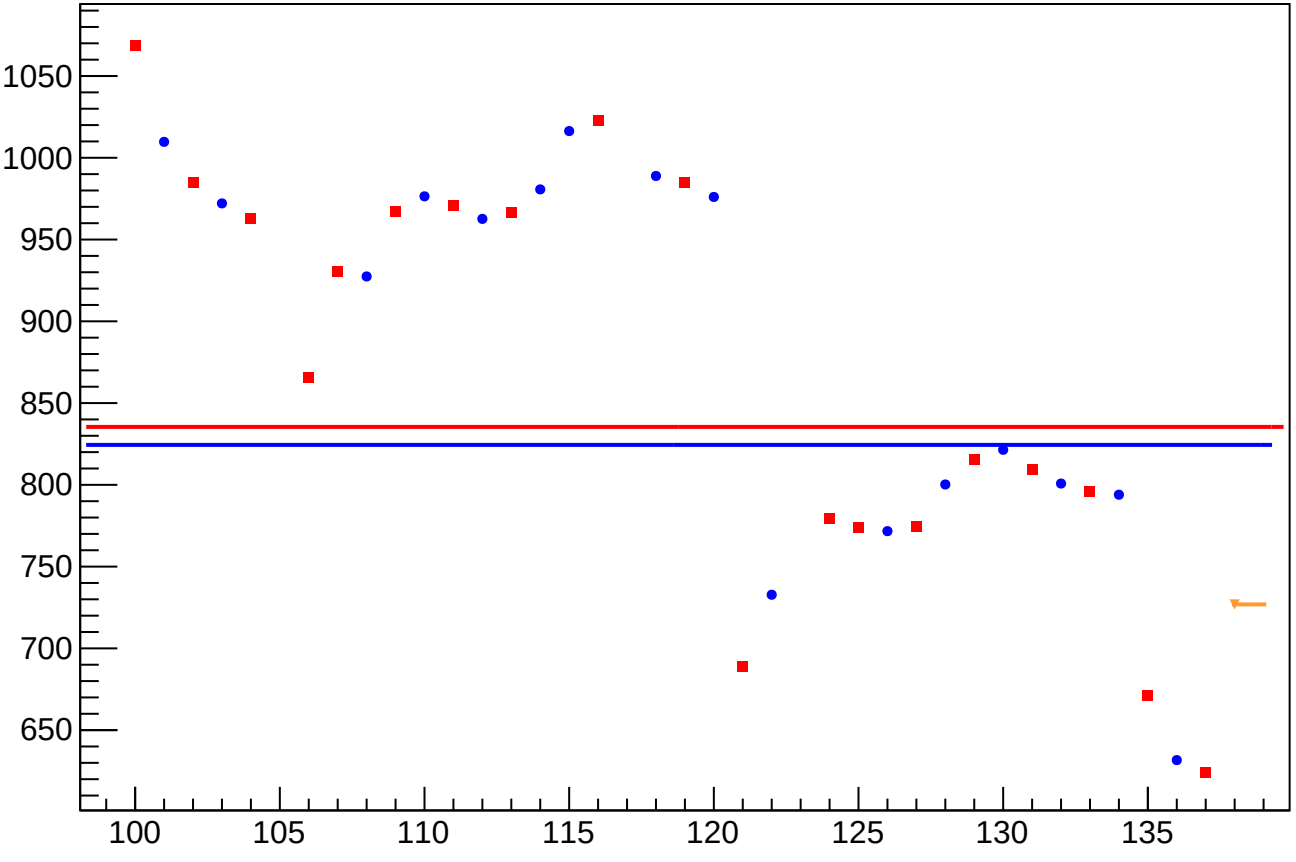
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.382+/-0.291 χ^2/NDF: 17.5/16

All: 0.217+/-0.212 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 824.431+/-0.220 χ^2/NDF: 365461.7/15

Left Out: 726.884+/-0.582 χ^2/NDF:0.0/0

Right Out: 835.437+/-0.218 χ^2/NDF: 319302.1/18

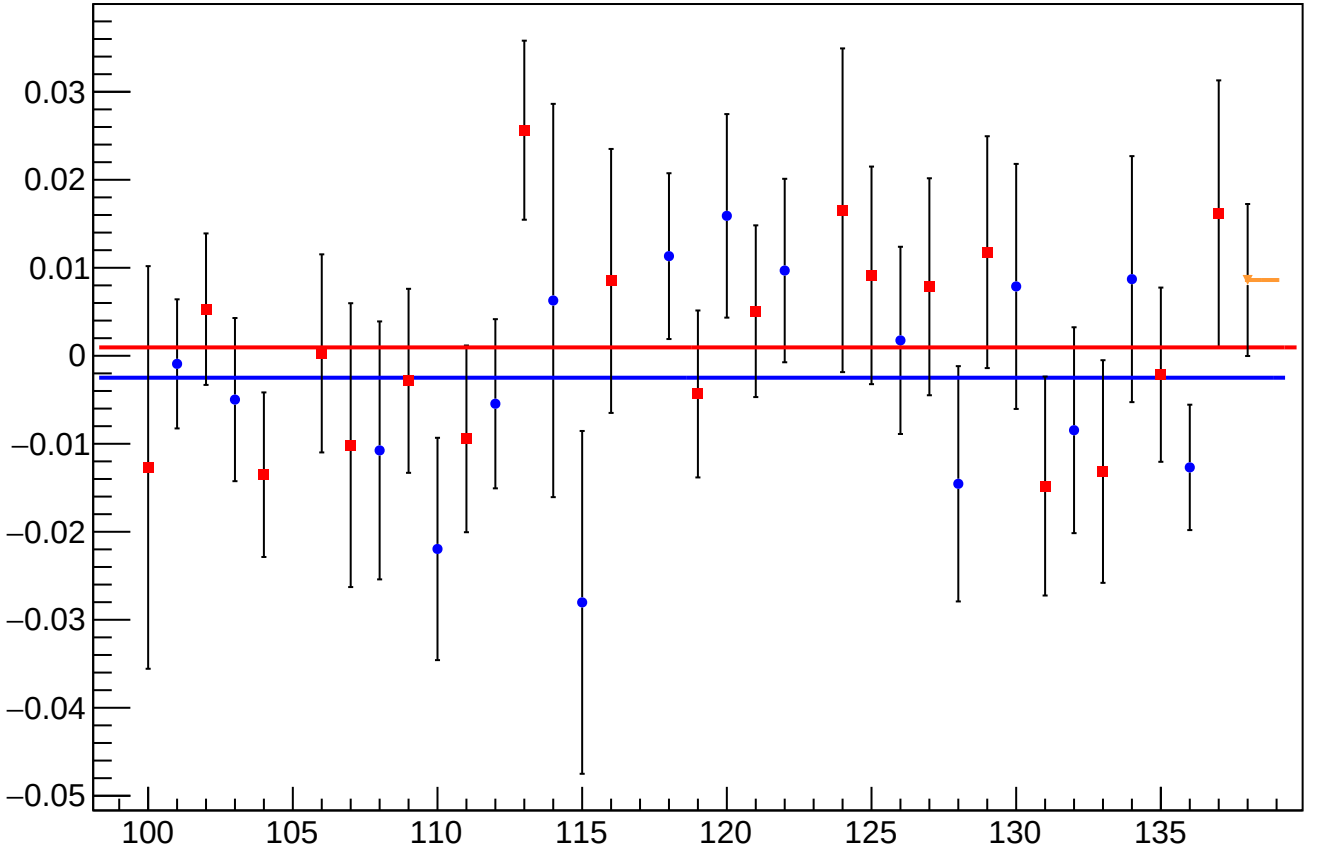
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 812.254+/-0.206 χ^2/NDF: 390055.6/16

All: 823.158+/-0.150 χ^2/NDF: 715338.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



Right In: -0.002+/-0.003 χ^2/NDF: 15.3/15

Left Out: 0.009+/-0.009 χ^2/NDF:0.0/0

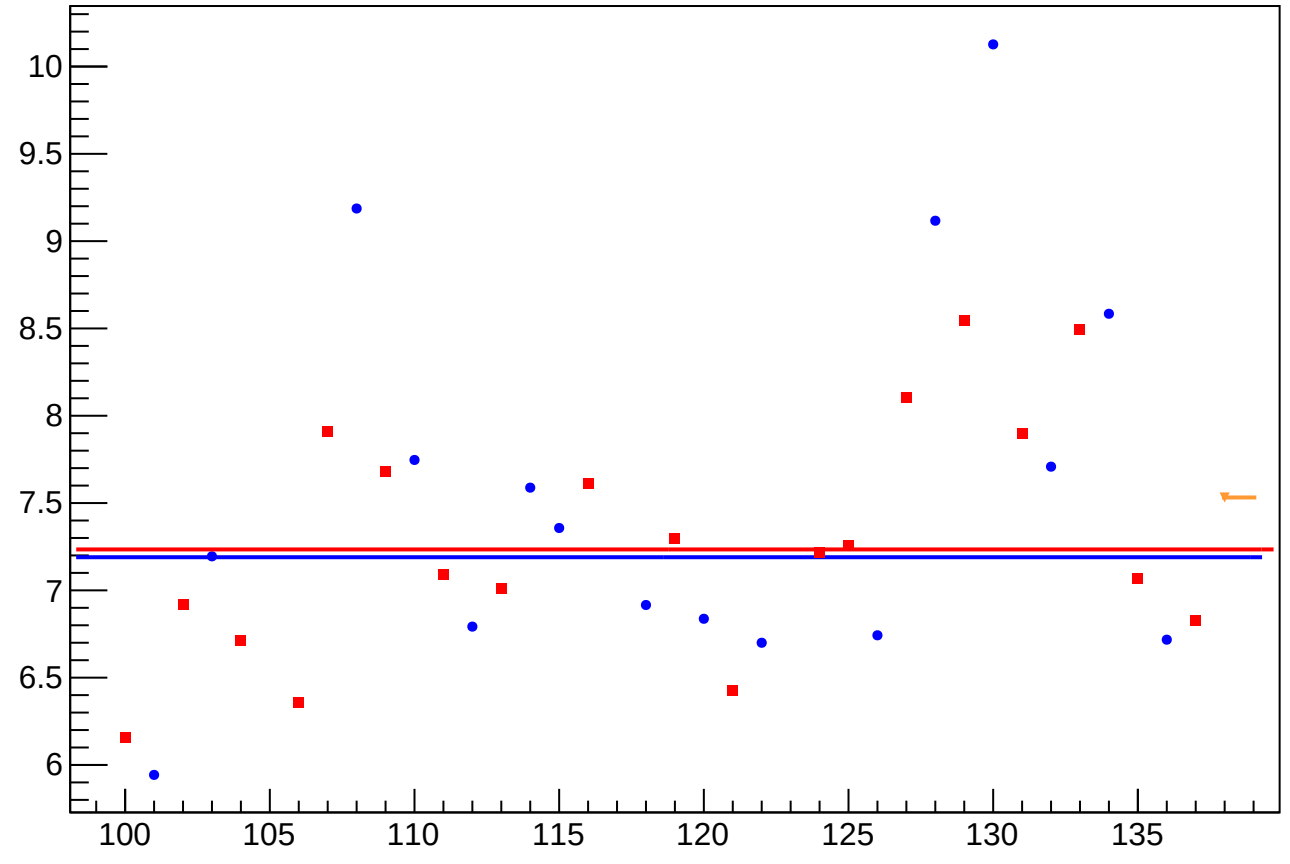
Right Out: 0.001+/-0.003 χ^2/NDF: 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.003 χ^2/NDF: 16.8/16

All: -0.000+/-0.002 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 7.190+/-0.002 χ^2/NDF: 277639.9/15

Left Out: 7.532+/-0.006 χ^2/NDF:0.0/0

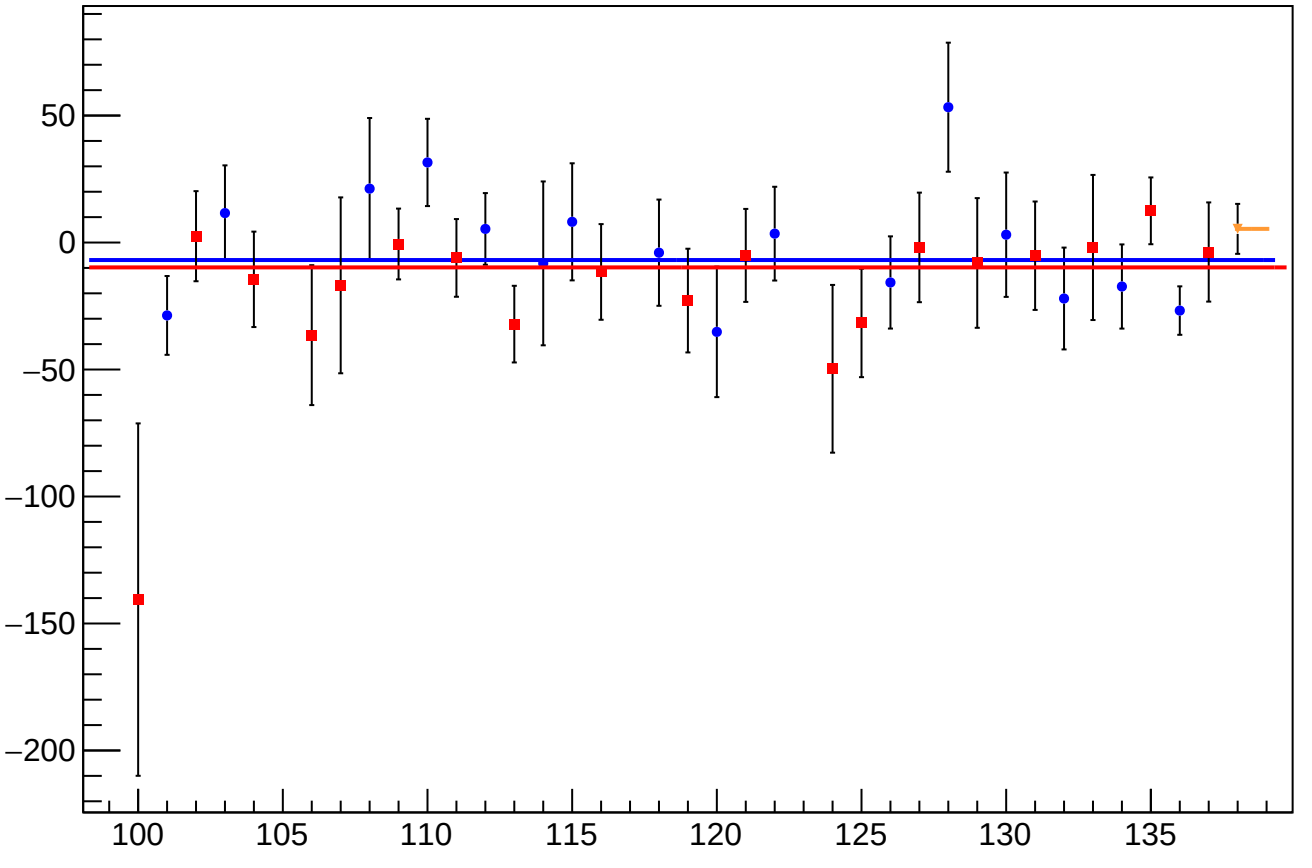
Right Out: 7.234+/-0.002 χ^2/NDF: 106266.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.220+/-0.002 χ^2/NDF: 280498.2/16

All: 7.227+/-0.001 χ^2/NDF: 386792.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -6.891+/-4.488 χ^2/NDF: 23.0/15

Left Out: 5.384+/-9.836 χ^2/NDF:0.0/0

Right Out: -9.790+/-4.517 χ^2/NDF: 14.0/18

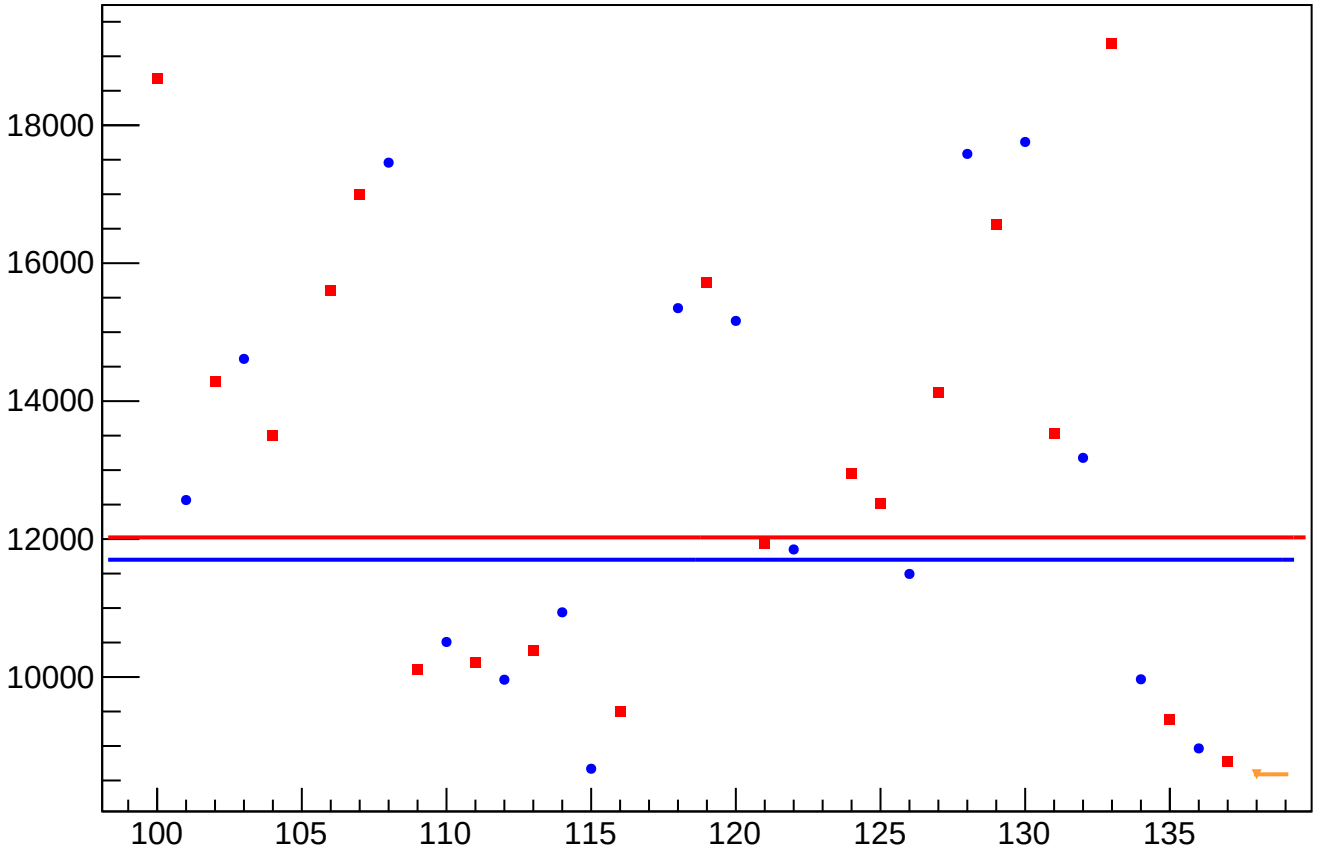
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -4.776+/-4.083 χ^2/NDF: 24.3/16

All: -7.030+/-3.029 χ^2/NDF: 39.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 11700.622+/-3.174 χ^2/NDF: 740185.3/15

Left Out: 8589.292+/-6.955 χ^2/NDF:0.0/0

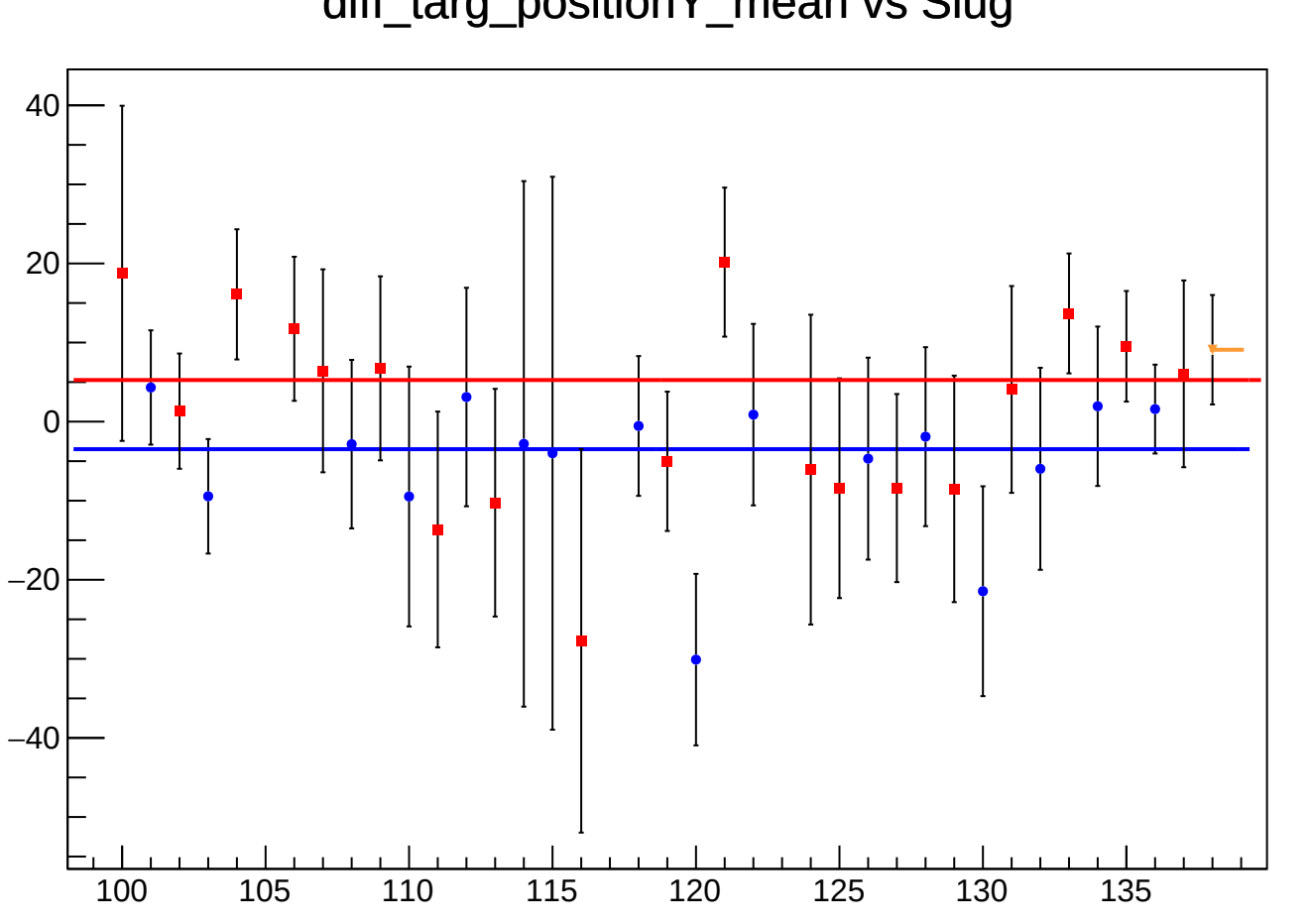
Right Out: 12024.262+/-3.194 χ^2/NDF: 684788.9/18

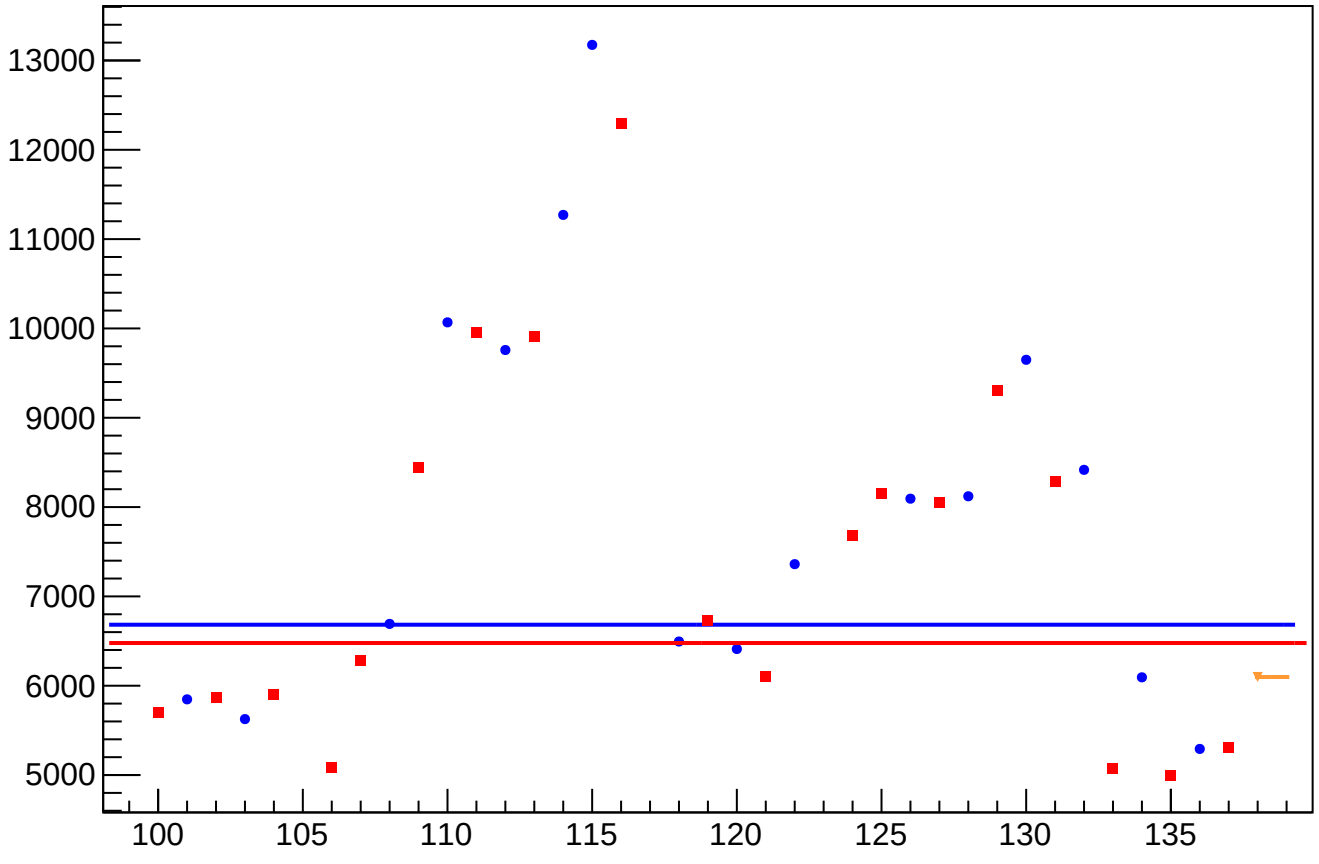
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11164.426+/-2.887 χ^2/NDF: 905810.9/16

All: 11551.061+/-2.142 χ^2/NDF: 1630476.7/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


diff_targ_positionY_mean vs Slug
40
20
0
−20
−40
100
105
110
115
120
125
130
135
Right In: -3.485+/-2.550 χ²/NDF: 11.5/15
Left Out: 9.092+/-6.920 χ²/NDF:0.0/0
Right Out: 5.259+/-2.446 χ²/NDF: 16.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -1.982+/-2.392 χ²/NDF: 14.4/16
All: 1.558+/-1.710 χ²/NDF: 35.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 6682.988+/-1.803 χ^2/NDF: 692200.2/15

Left Out: 6097.443+/-4.893 χ^2/NDF:0.0/0

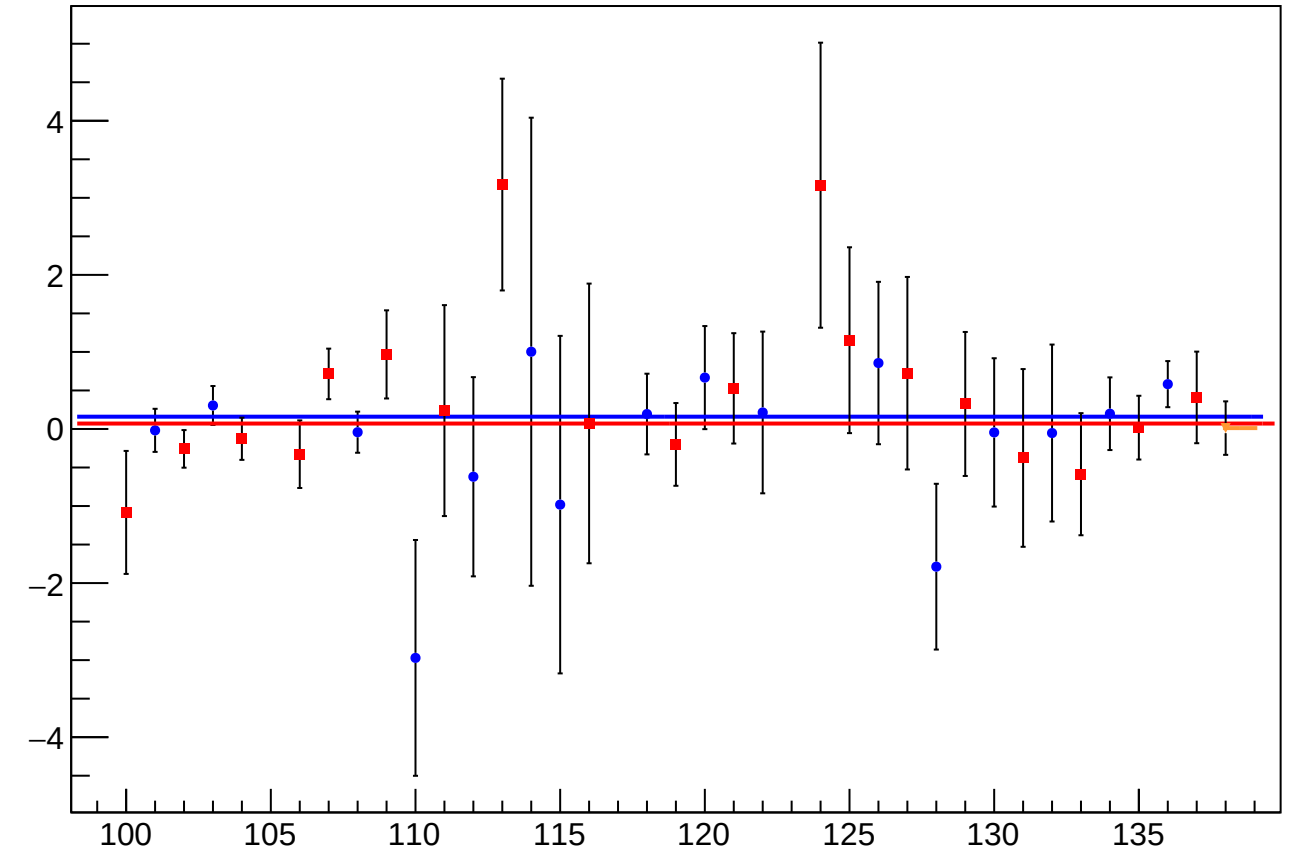
Right Out: 6478.126+/-1.730 χ^2/NDF: 839226.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6613.007+/-1.692 χ^2/NDF: 704807.4/16

All: 6547.068+/-1.209 χ^2/NDF: 1547141.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.160+/-0.120 χ^2/NDF: 12.6/15

Left Out: 0.011+/-0.347 χ^2/NDF:0.0/0

Right Out: 0.070+/-0.120 χ^2/NDF: 22.5/18

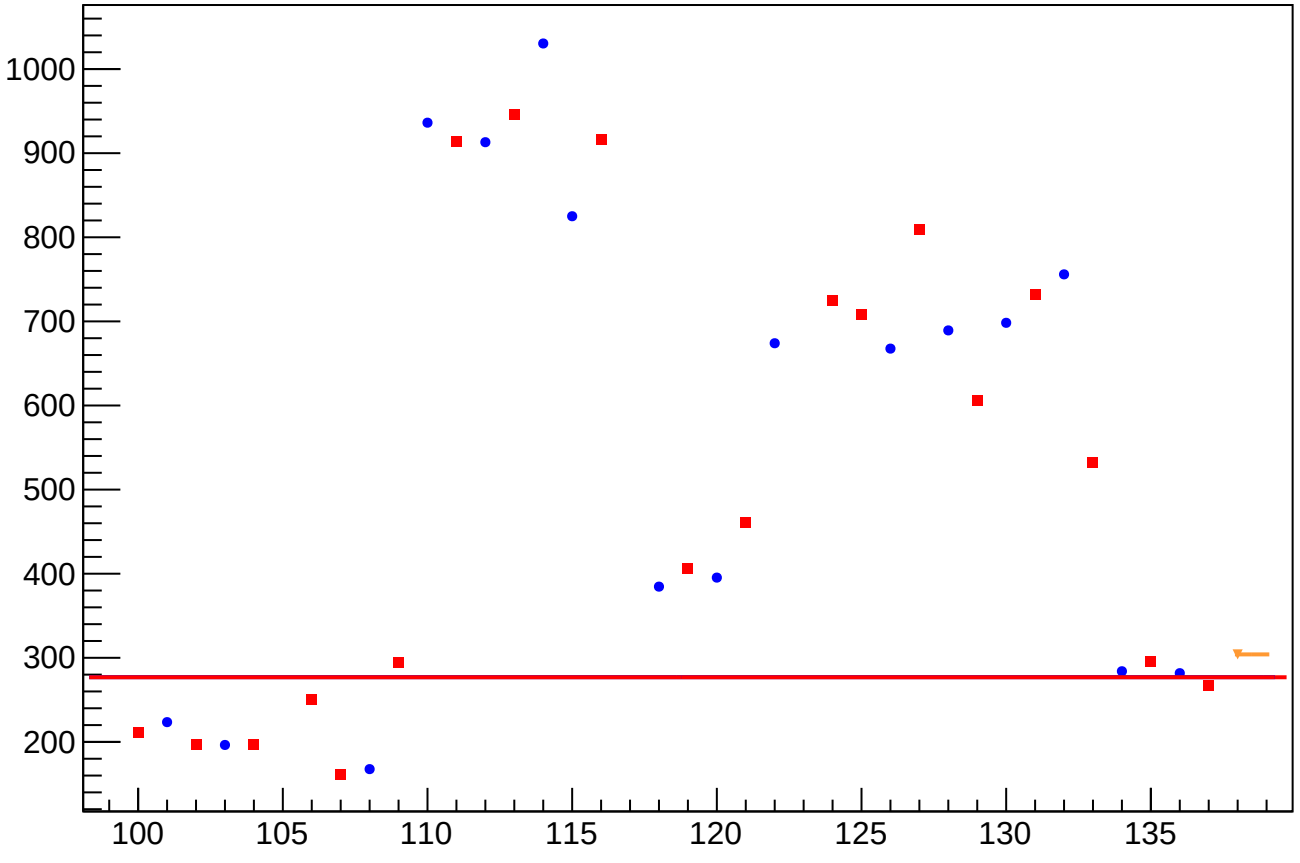
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.144+/-0.113 χ^2/NDF: 12.7/16

All: 0.109+/-0.082 χ^2/NDF: 35.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 277.017+/-0.085 χ^2/NDF: 3450533.8/15

Left Out: 304.058+/-0.245 χ^2/NDF:0.0/0

Right Out: 276.866+/-0.085 χ^2/NDF: 3571620.7/18

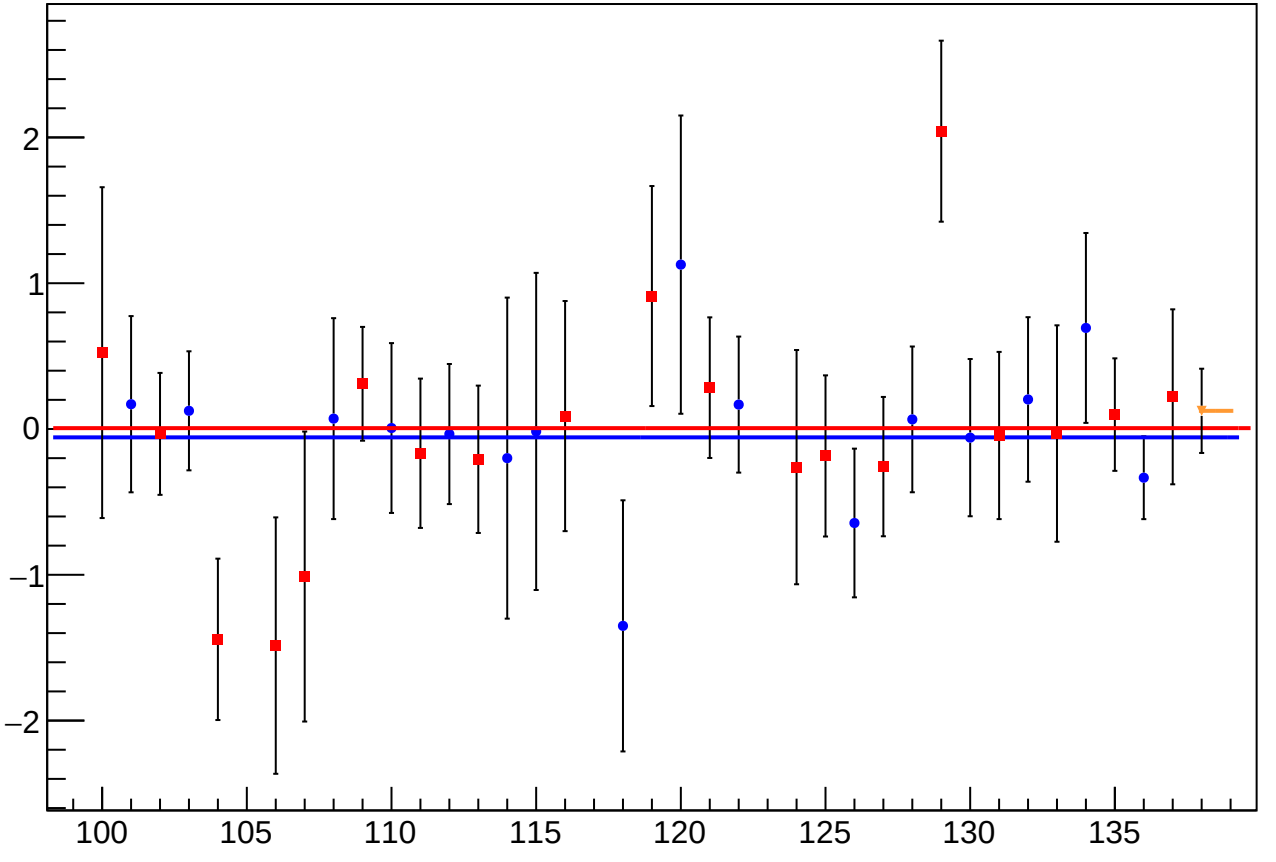
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 279.885+/-0.080 χ^2/NDF: 3461379.9/16

All: 278.462+/-0.058 χ^2/NDF: 7033672.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: -0.057+/-0.134 χ^2/NDF: 8.1/15

Left Out: 0.125+/-0.289 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.129 χ^2/NDF: 25.2/18

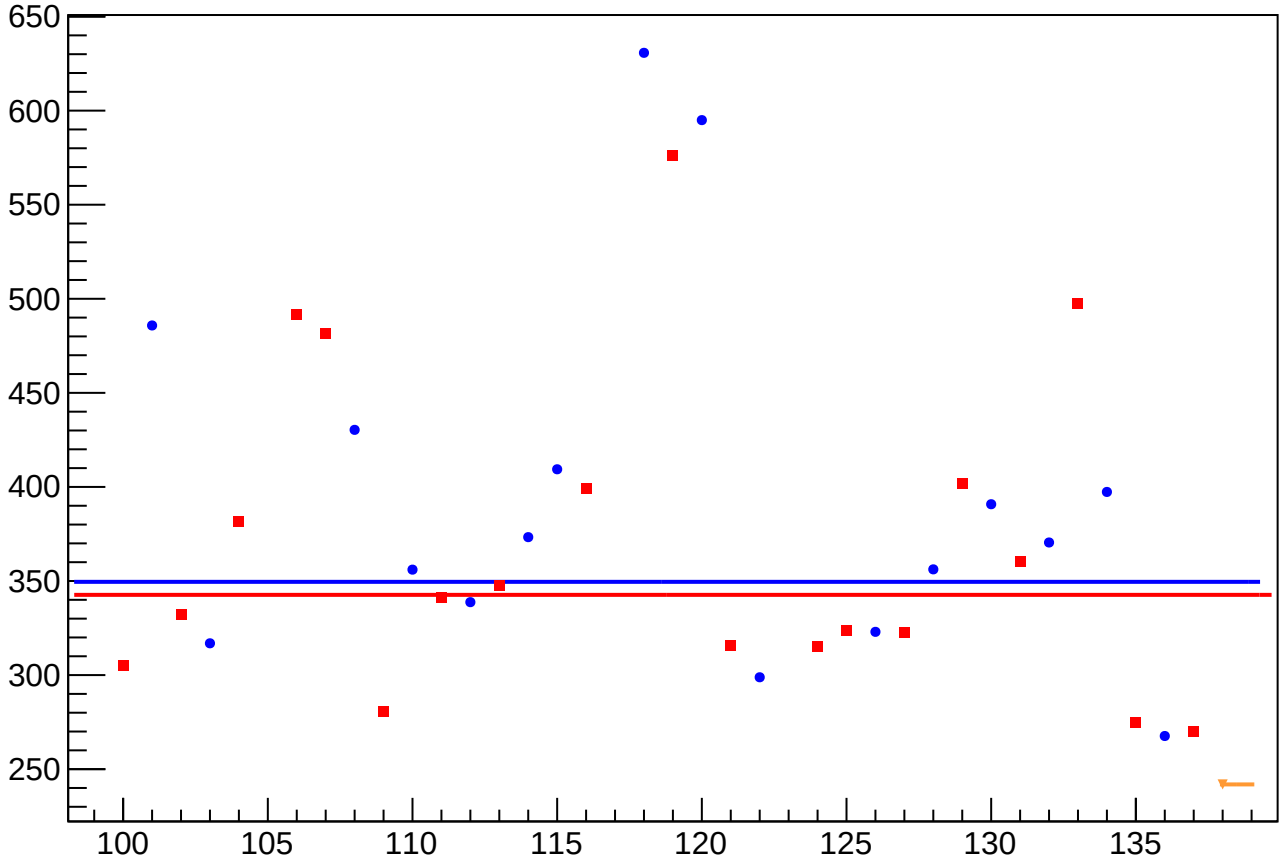
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.025+/-0.121 χ^2/NDF: 8.4/16

All: -0.011+/-0.088 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 349.560+/-0.095 χ^2/NDF: 699303.9/15

Left Out: 241.893+/-0.204 χ^2/NDF:0.0/0

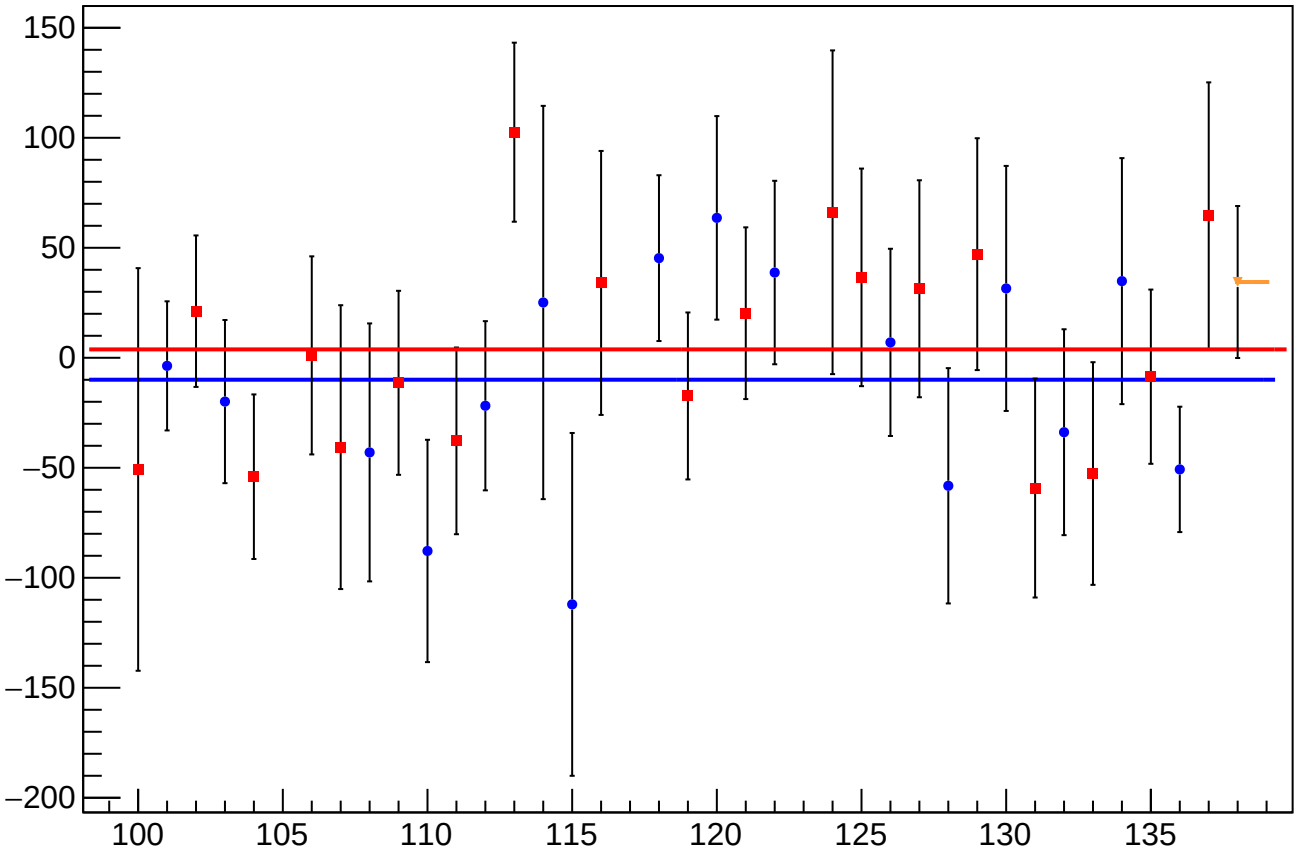
Right Out: 342.641+/-0.091 χ^2/NDF: 575759.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 330.550+/-0.086 χ^2/NDF: 927952.1/16

All: 336.233+/-0.063 χ^2/NDF: 1513035.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -9.969+/-10.836 χ^2/NDF: 15.3/15

Left Out: 34.443+/-34.547 χ^2/NDF:0.0/0

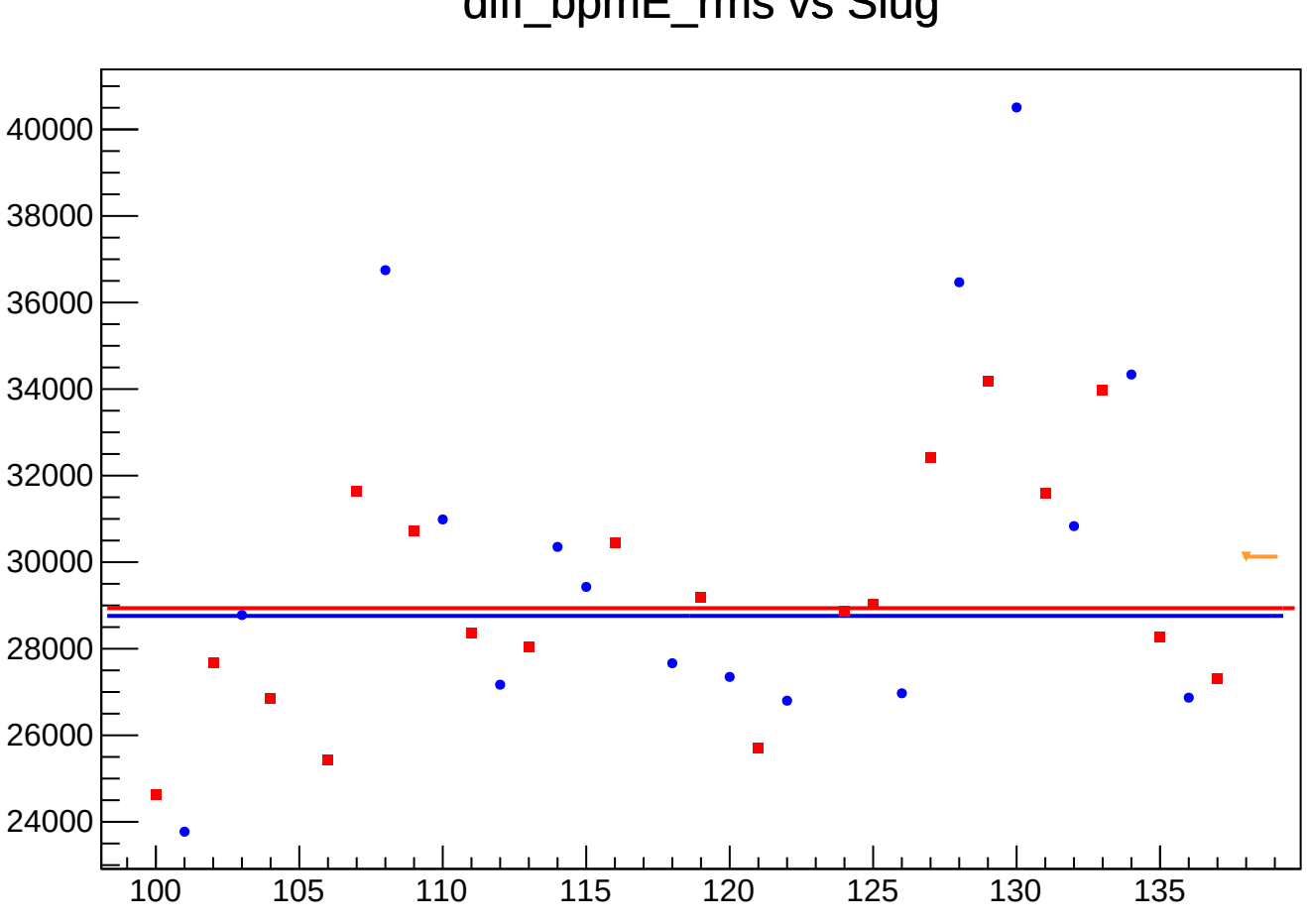
Right Out: 3.814+/-10.636 χ^2/NDF: 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.991+/-10.340 χ^2/NDF: 16.8/16

All: -1.227+/-7.414 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 28759.090+/-7.662 χ^2/NDF: 277639.9/15

Left Out: 30127.865+/-24.429 χ^2/NDF:0.0/0

Right Out: 28937.633+/-7.521 χ^2/NDF: 106266.0/18

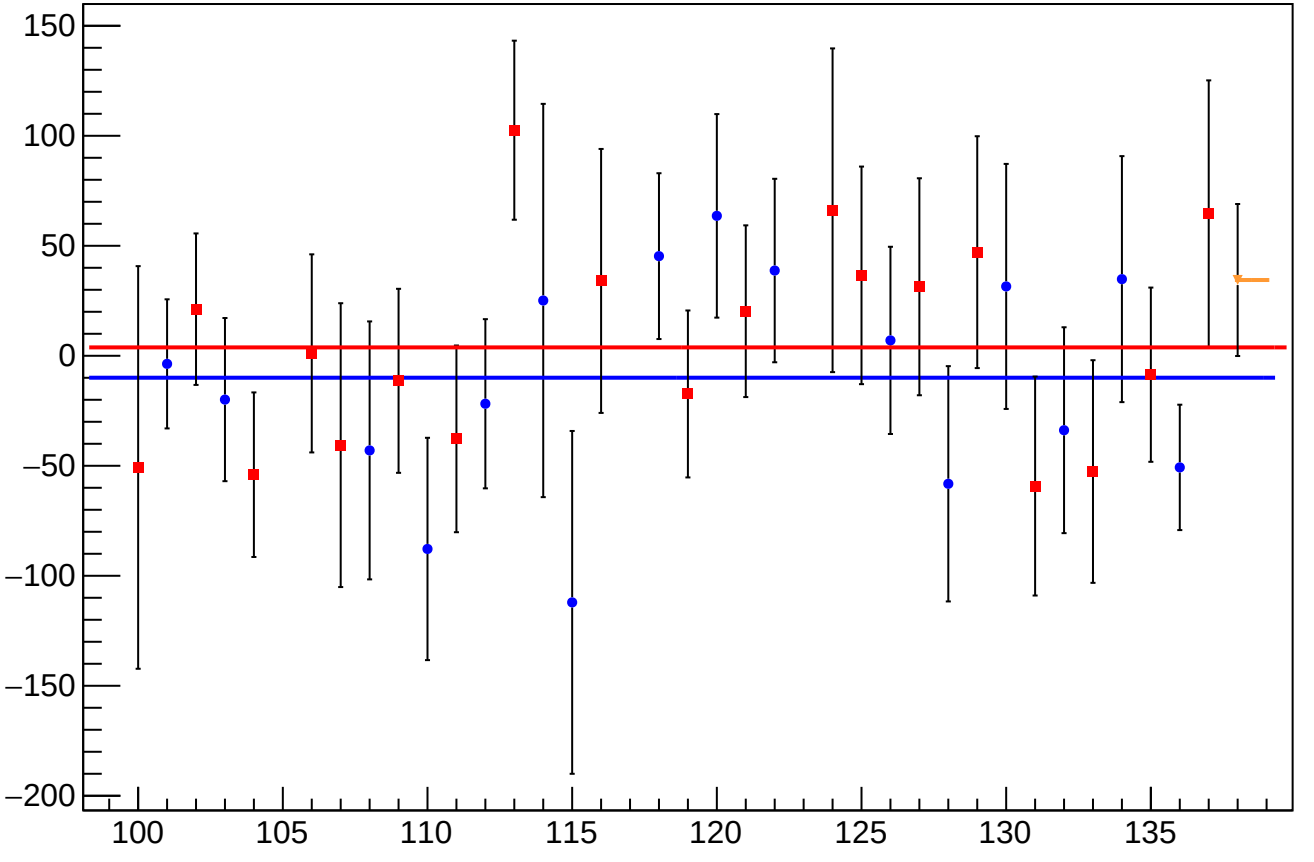
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 28881.696+/-7.311 χ^2/NDF: 280498.2/16

All: 28908.873+/-5.242 χ^2/NDF: 386792.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmEX_mean vs Slug



Right In: -9.969+/-10.836 χ^2/NDF: 15.3/15

Left Out: 34.443+/-34.547 χ^2/NDF:0.0/0

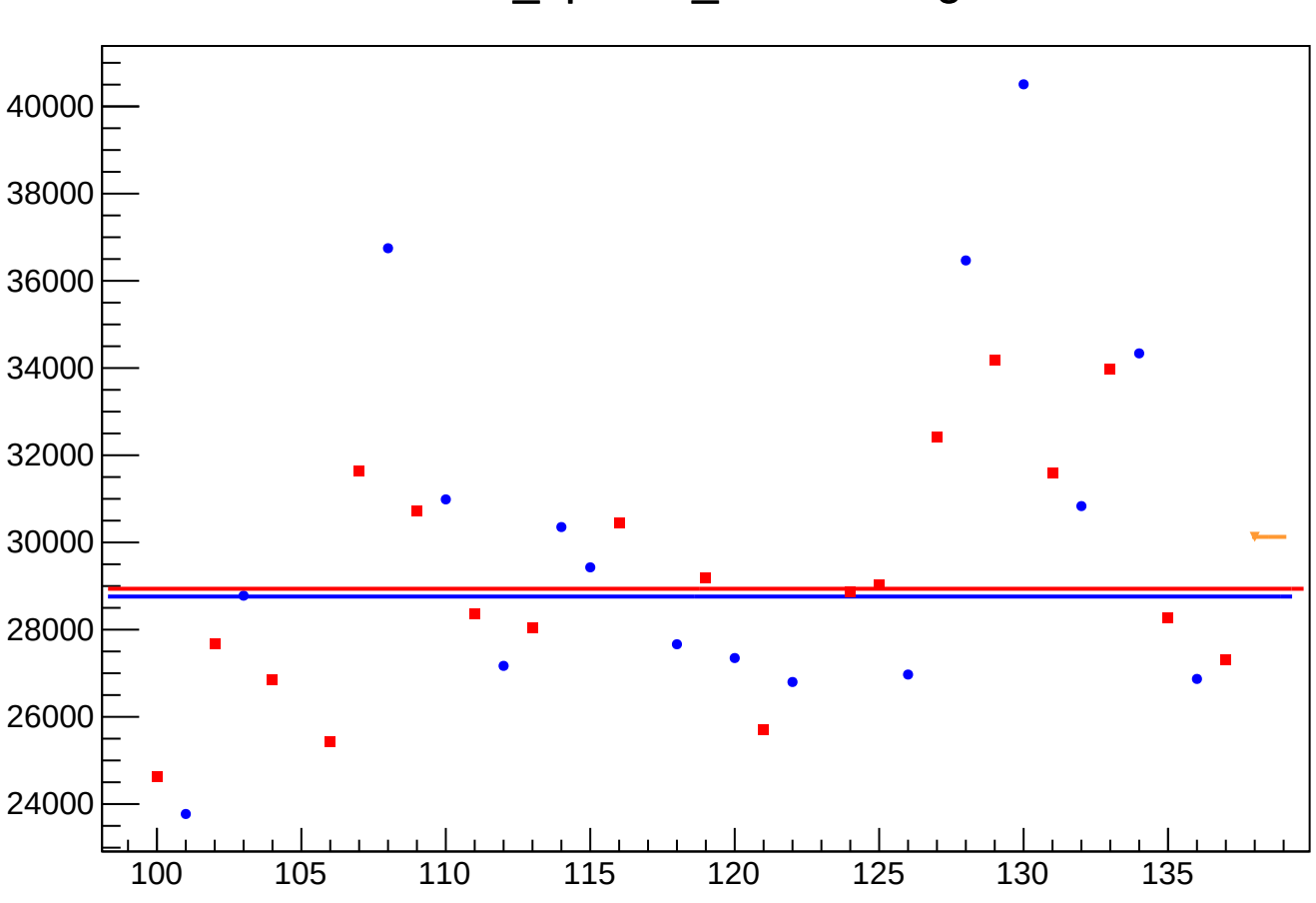
Right Out: 3.814+/-10.636 χ^2/NDF: 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.991+/-10.340 χ^2/NDF: 16.8/16

All: -1.227+/-7.414 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 28759.090+/-7.662 χ^2/NDF: 277639.9/15

Left Out: 30127.865+/-24.429 χ^2/NDF:0.0/0

Right Out: 28937.633+/-7.521 χ^2/NDF: 106266.0/18

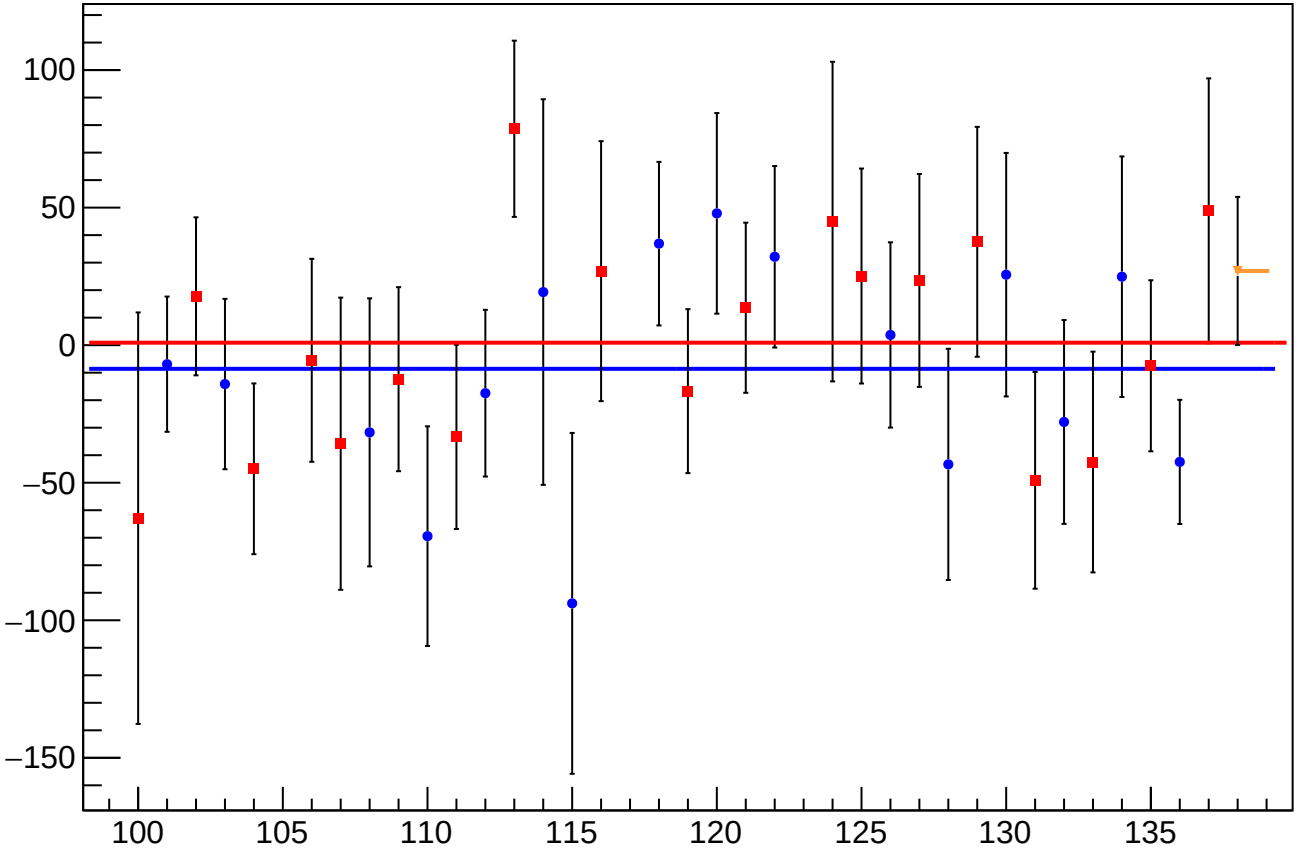
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 28881.696+/-7.311 χ^2/NDF: 280498.2/16

All: 28908.873+/-5.242 χ^2/NDF: 386792.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmE_11X12X_mean vs Slug



Right In: -8.599+/-8.678 χ^2/NDF: 15.5/15

Left Out: 26.974+/-26.931 χ^2/NDF:0.0/0

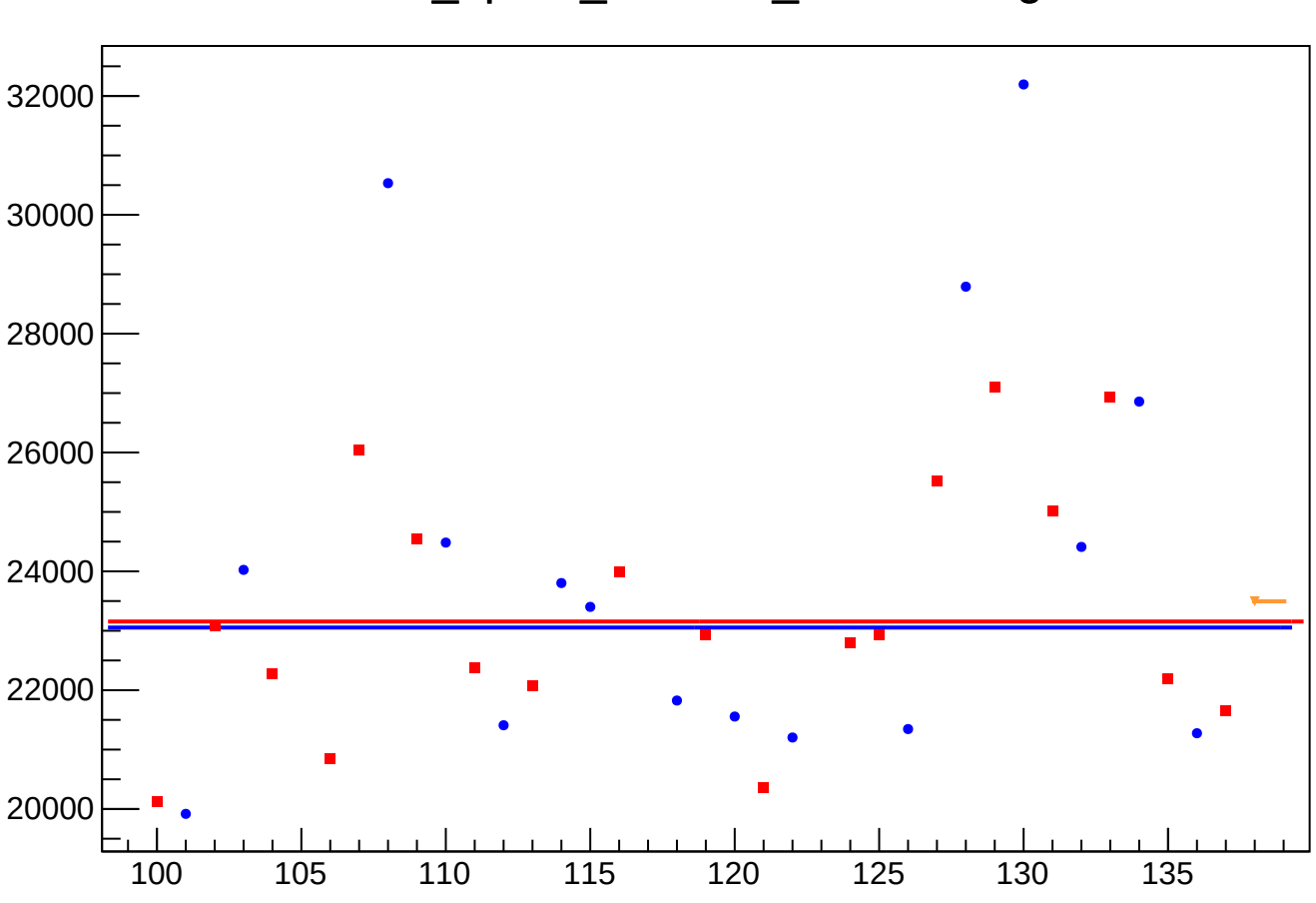
Right Out: 0.904+/-8.506 χ^2/NDF: 17.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.253+/-8.260 χ^2/NDF: 17.1/16

All: -2.265+/-5.926 χ^2/NDF: 35.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23053.910+/-6.137 χ^2/NDF: 261444.9/15

Left Out: 23495.338+/-19.043 χ^2/NDF:0.0/0

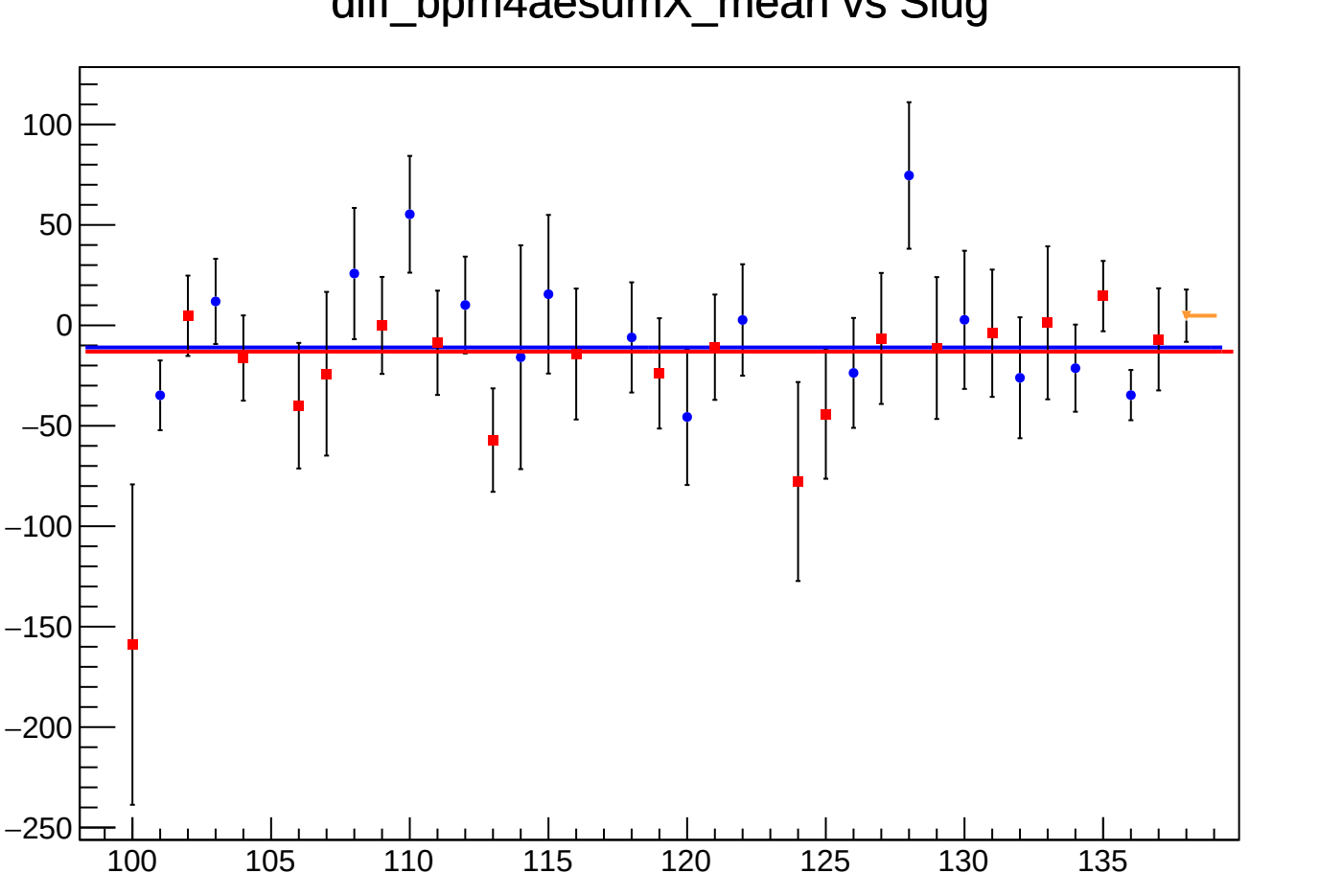
Right Out: 23155.251+/-6.015 χ^2/NDF: 93894.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23095.437+/-5.841 χ^2/NDF: 261931.7/16

All: 23124.468+/-4.190 χ^2/NDF: 355876.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -11.002+/-6.155 χ^2/NDF: 22.0/15

Left Out: 4.813+/-13.027 χ^2/NDF:0.0/0

Right Out: -13.071+/-6.382 χ^2/NDF: 13.9/18

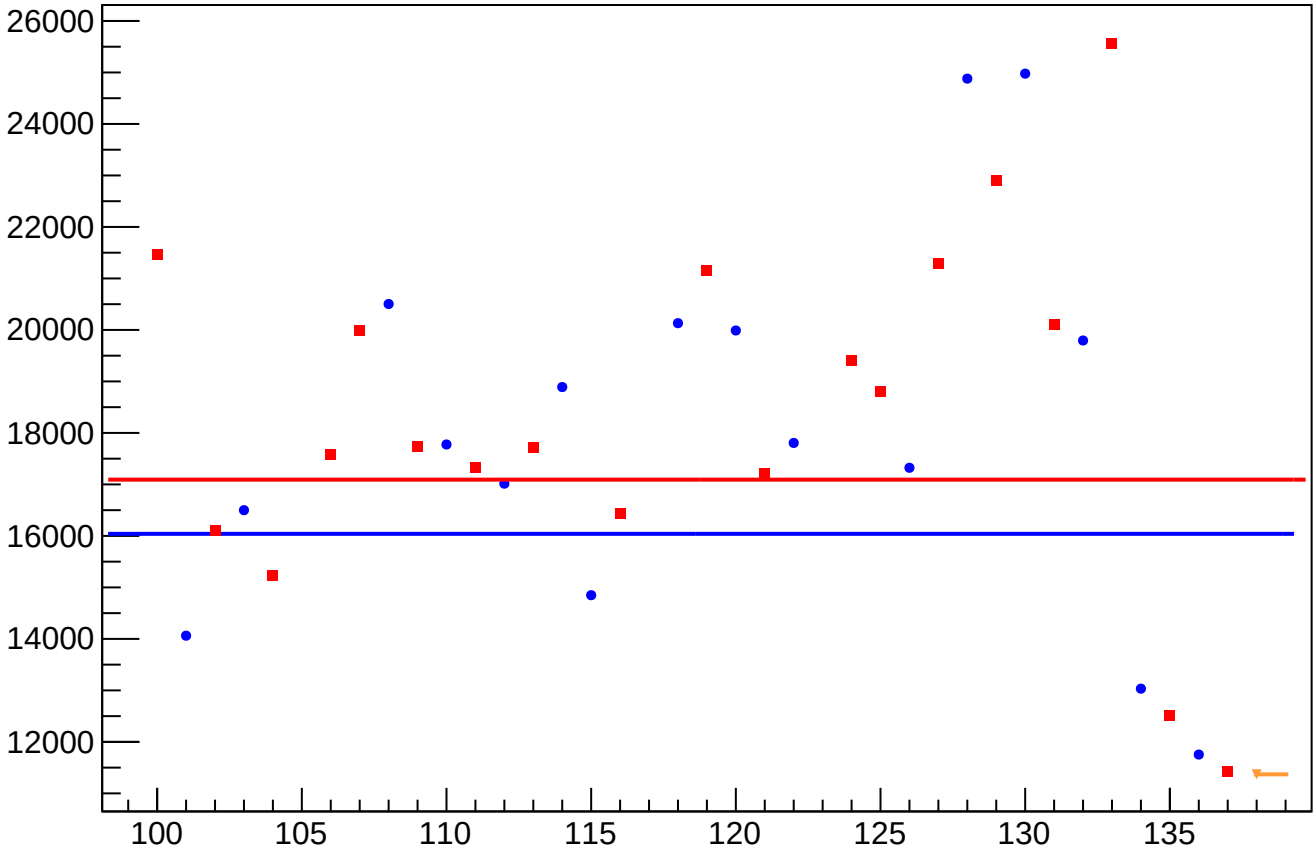
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.116+/-5.565 χ^2/NDF: 23.2/16

All: -10.256+/-4.194 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 16040.060+/-4.352 χ^2/NDF: 722678.9/15

Left Out: 11370.023+/-9.212 χ^2/NDF:0.0/0

Right Out: 17092.658+/-4.513 χ^2/NDF: 535464.0/18

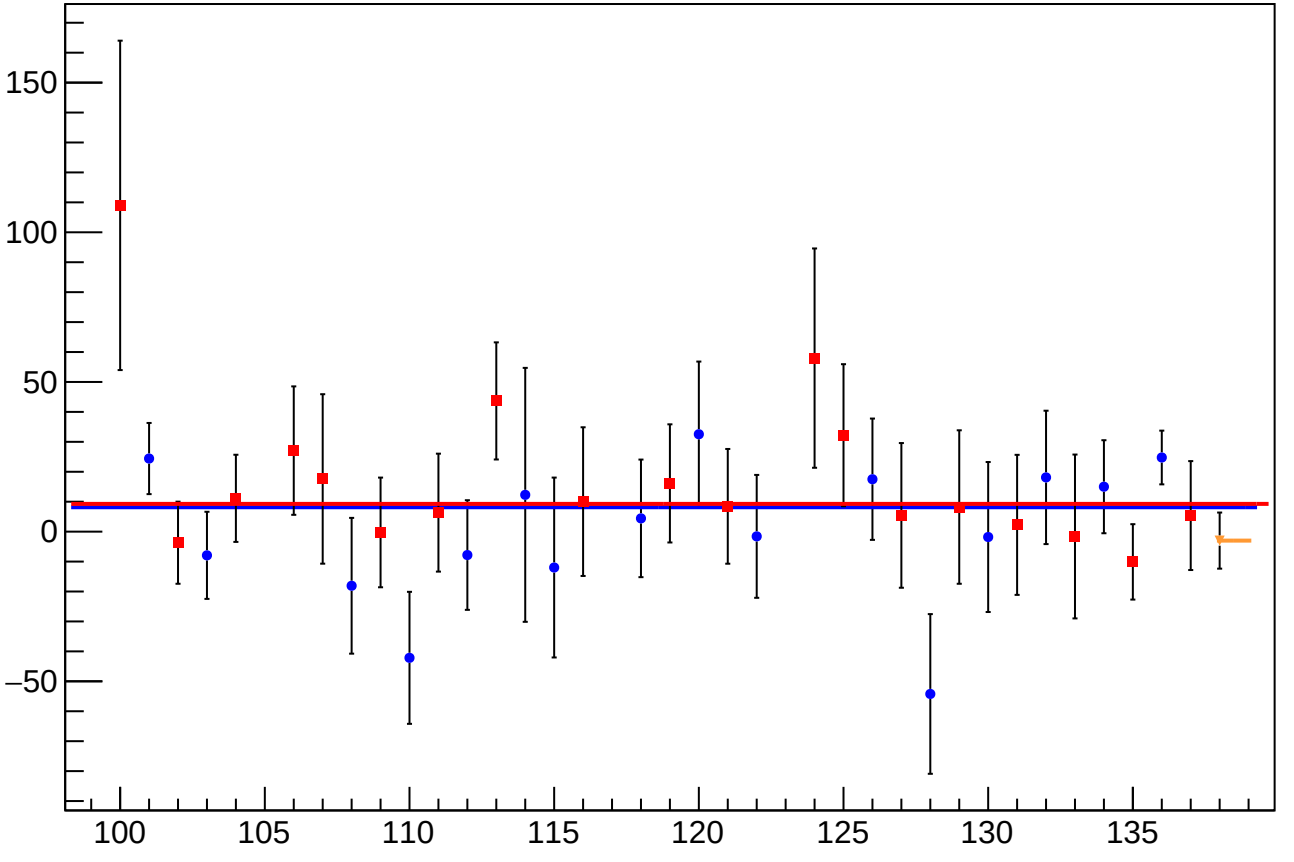
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15187.851+/-3.935 χ^2/NDF: 932792.0/16

All: 16010.624+/-2.966 χ^2/NDF: 1569465.6/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aediffX_mean vs Slug



Right In: 8.150+/-4.423 χ^2/NDF: 21.8/15

Left Out: -2.995+/-9.372 χ^2/NDF:0.0/0

Right Out: 9.270+/-4.607 χ^2/NDF: 13.9/18

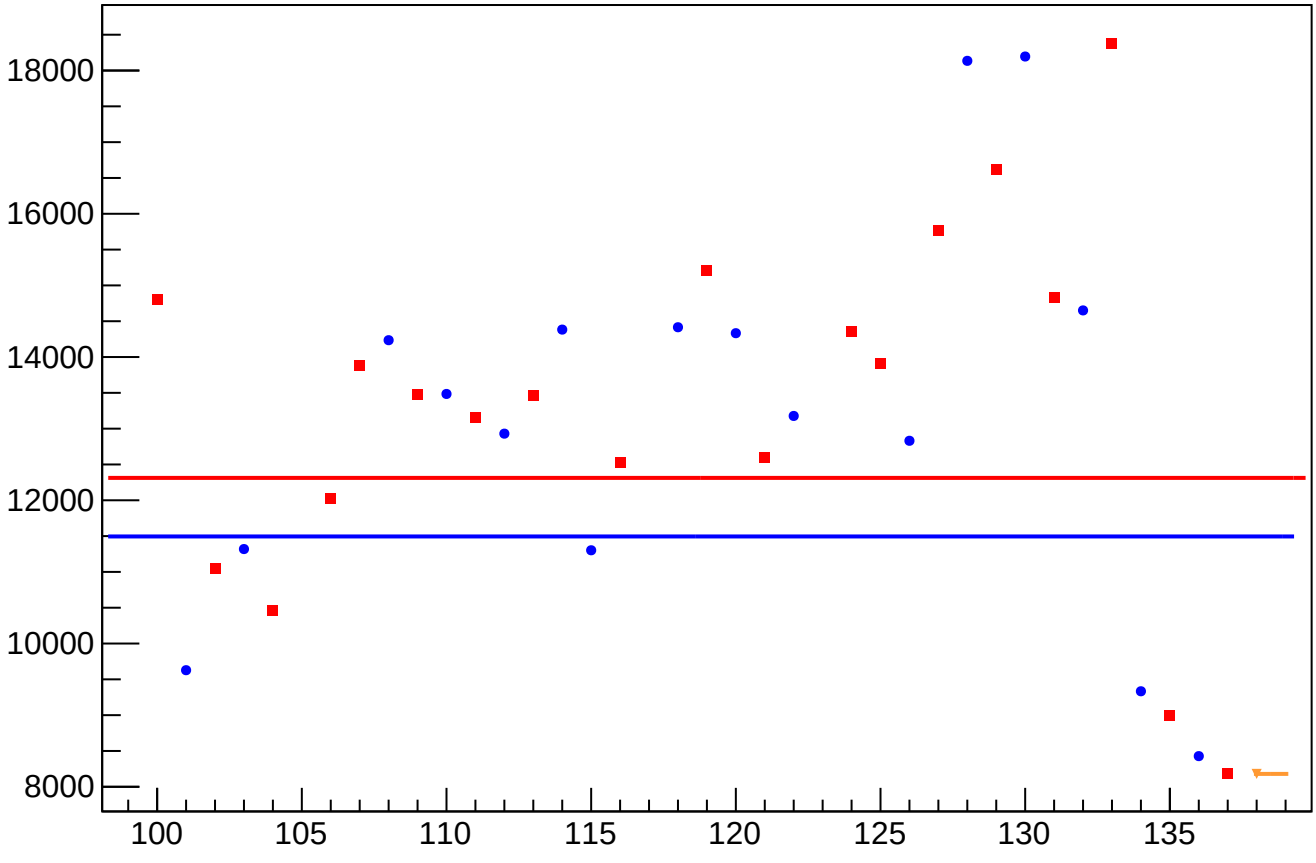
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.120+/-4.000 χ^2/NDF: 22.9/16

All: 7.474+/-3.020 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aediffX_rms vs Slug



Right In: 11494.969+/-3.127 χ^2/NDF: 789990.1/15

Left Out: 8179.806+/-6.627 χ^2/NDF:0.0/0

Right Out: 12312.550+/-3.258 χ^2/NDF: 598755.3/18

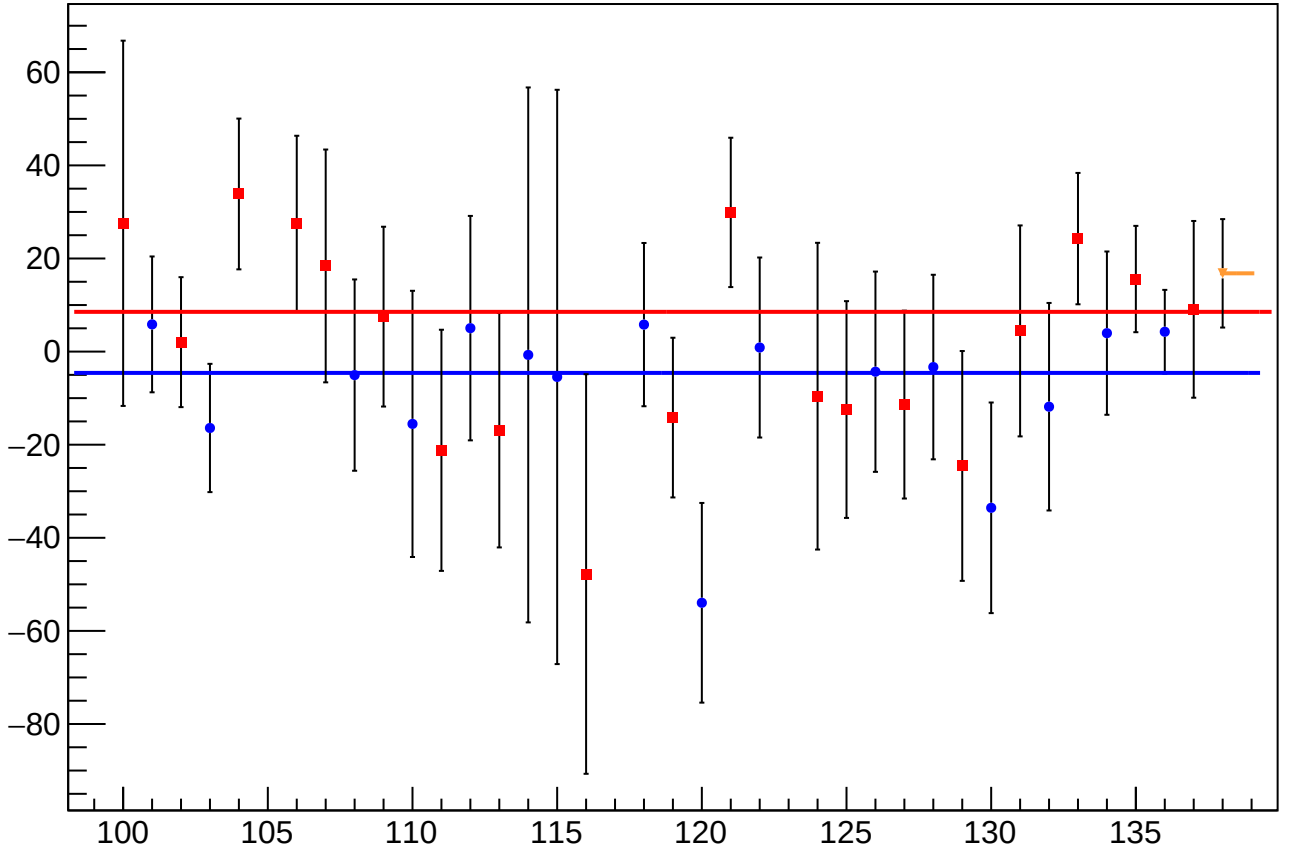
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10891.169+/-2.828 χ^2/NDF: 994647.5/16

All: 11502.057+/-2.136 χ^2/NDF: 1701950.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -4.578+/-4.554 χ^2/NDF: 10.2/15

Left Out: 16.813+/-11.647 χ^2/NDF:0.0/0

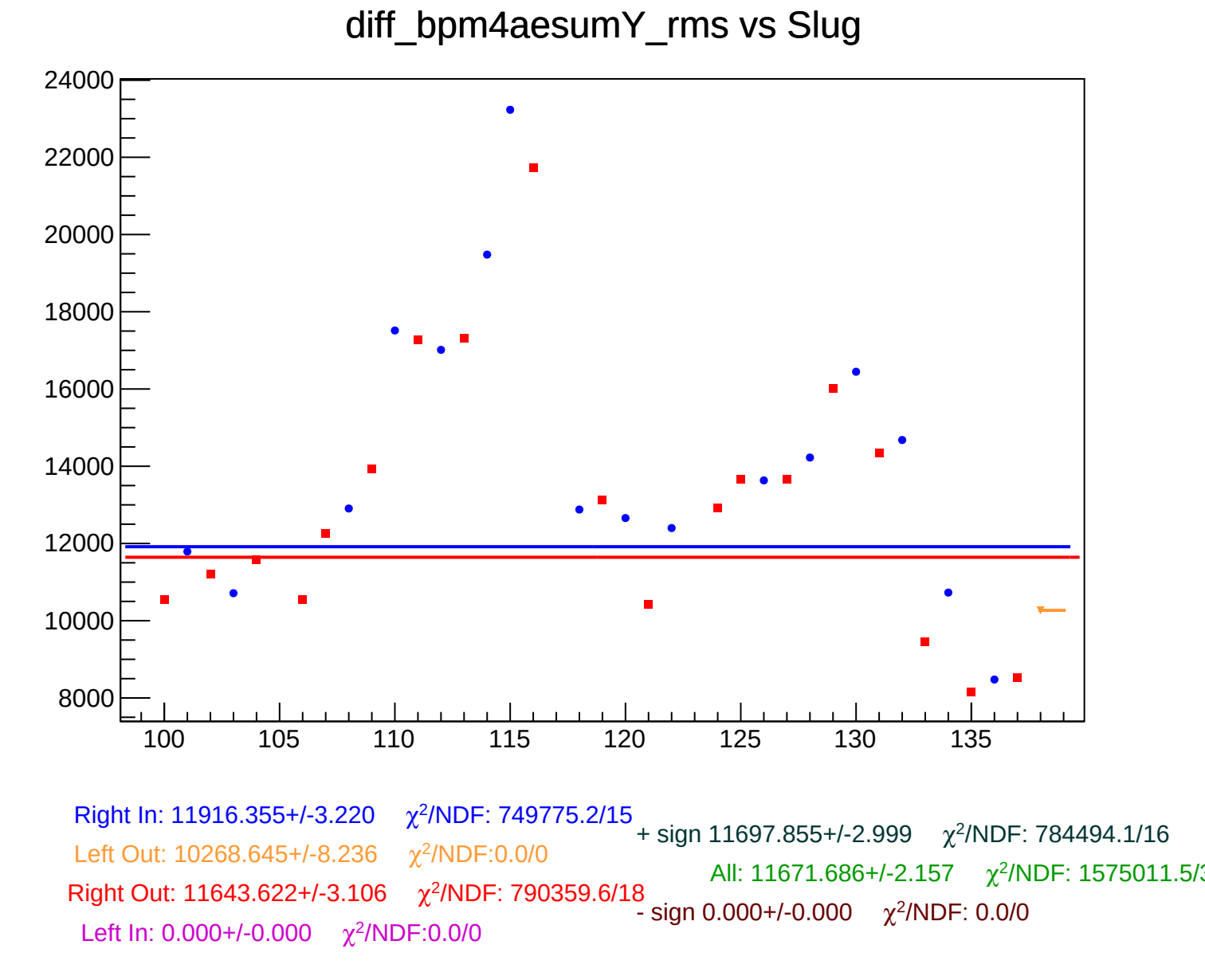
Right Out: 8.537+/-4.392 χ^2/NDF: 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

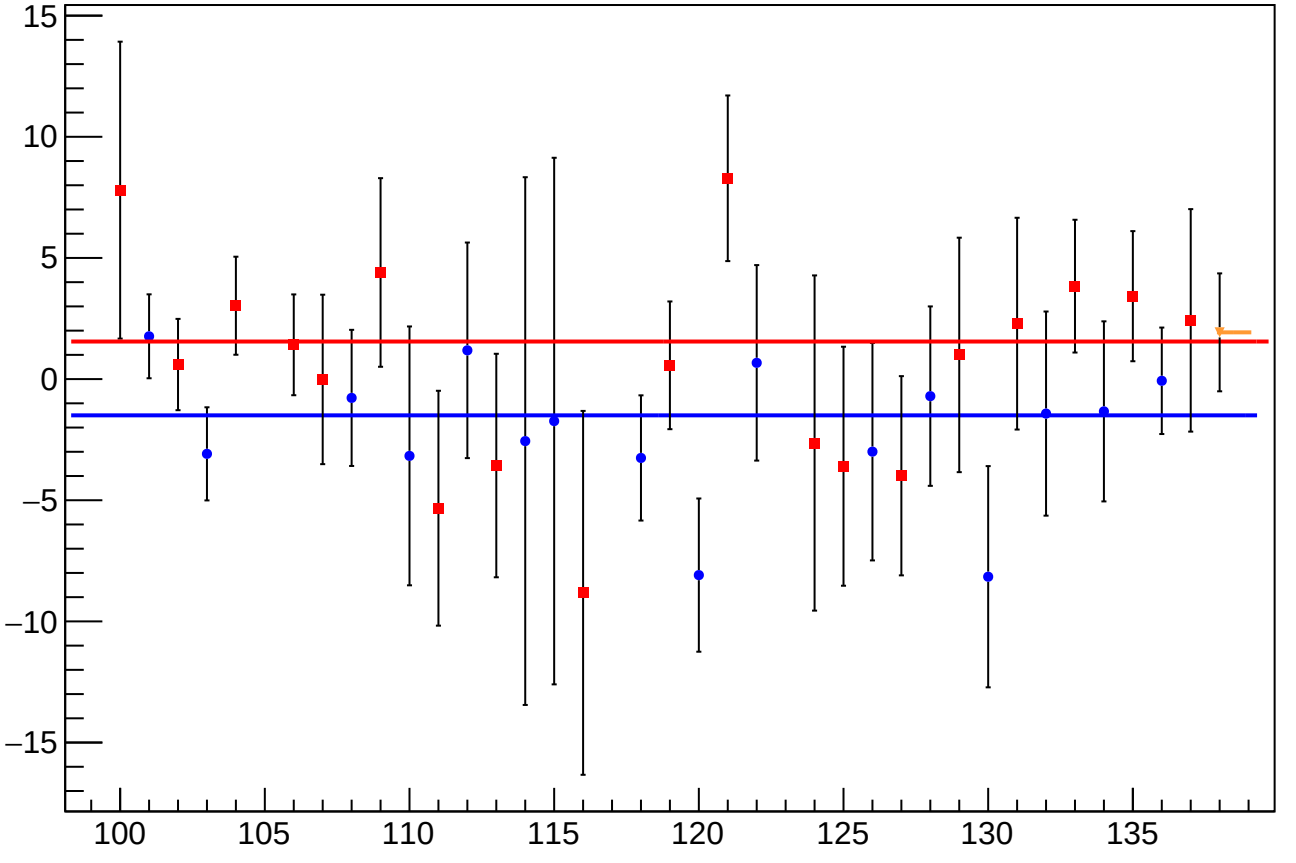
\+ sign -1.742+/-4.241 χ^2/NDF: 13.2/16

All: 3.218+/-3.051 χ^2/NDF: 33.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


diff_bpm4aesumY_rms vs Slug
24000
22000
20000
18000
16000
14000
12000
10000
8000
100
105
110
115
120
125
130
135
Right In: 11916.355+/-3.220 χ²/NDF: 749775.2/15
Left Out: 10268.645+/-8.236 χ²/NDF:0.0/0
Right Out: 11643.622+/-3.106 χ²/NDF: 790359.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 11697.855+/-2.999 χ²/NDF: 784494.1/16
All: 11671.686+/-2.157 χ²/NDF: 1575011.5/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

diff_bpm4aediffY_mean vs Slug



Right In: -1.496+/-0.778 χ^2/NDF: 12.6/15

Left Out: 1.929+/-2.433 χ^2/NDF:0.0/0

Right Out: 1.551+/-0.745 χ^2/NDF: 16.3/18

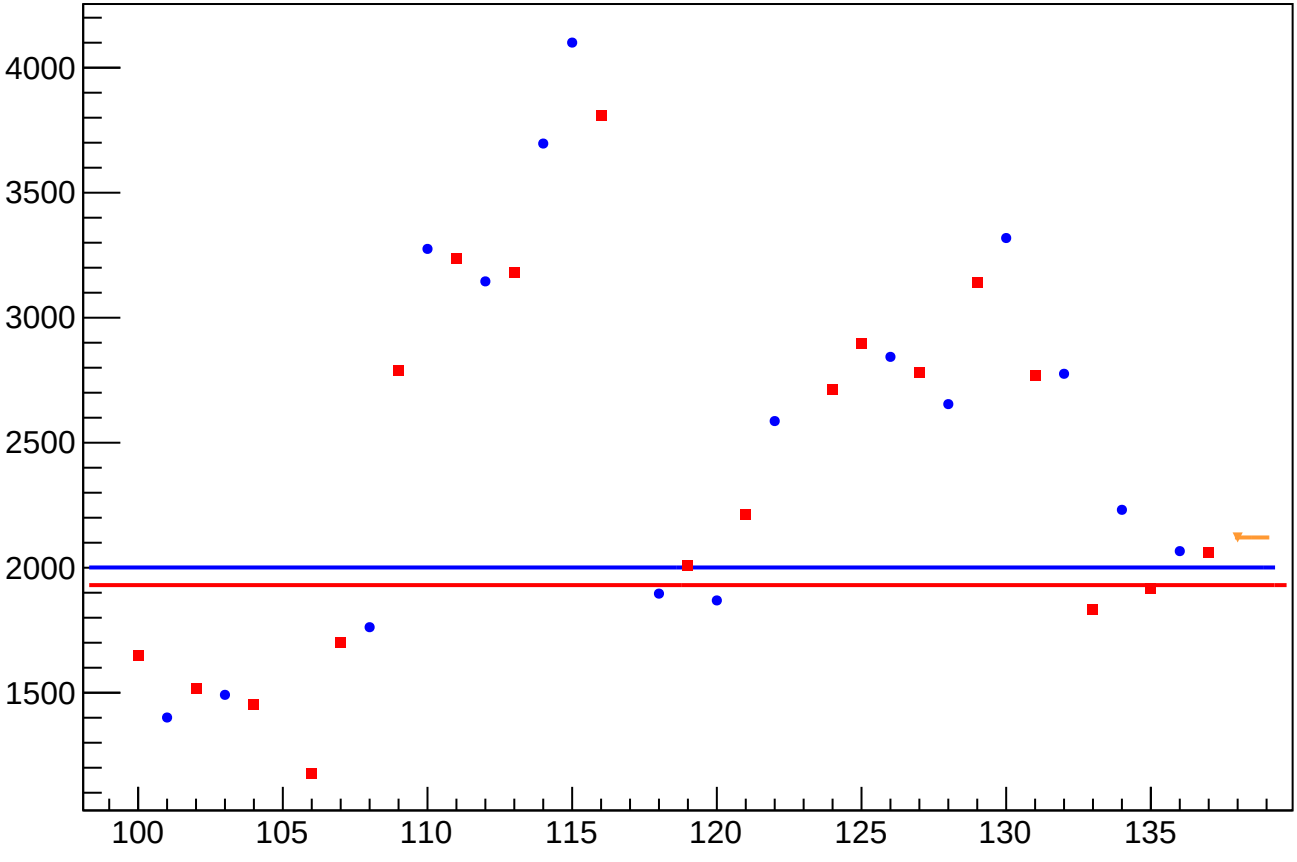
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.178+/-0.741 χ^2/NDF: 14.4/16

All: 0.180+/-0.525 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aediffY_rms vs Slug



Right In: 2001.000+/-0.550 χ^2/NDF: 1189784.2/15

Left Out: 2121.008+/-1.721 χ^2/NDF:0.0/0

Right Out: 1930.434+/-0.526 χ^2/NDF: 1403552.6/18

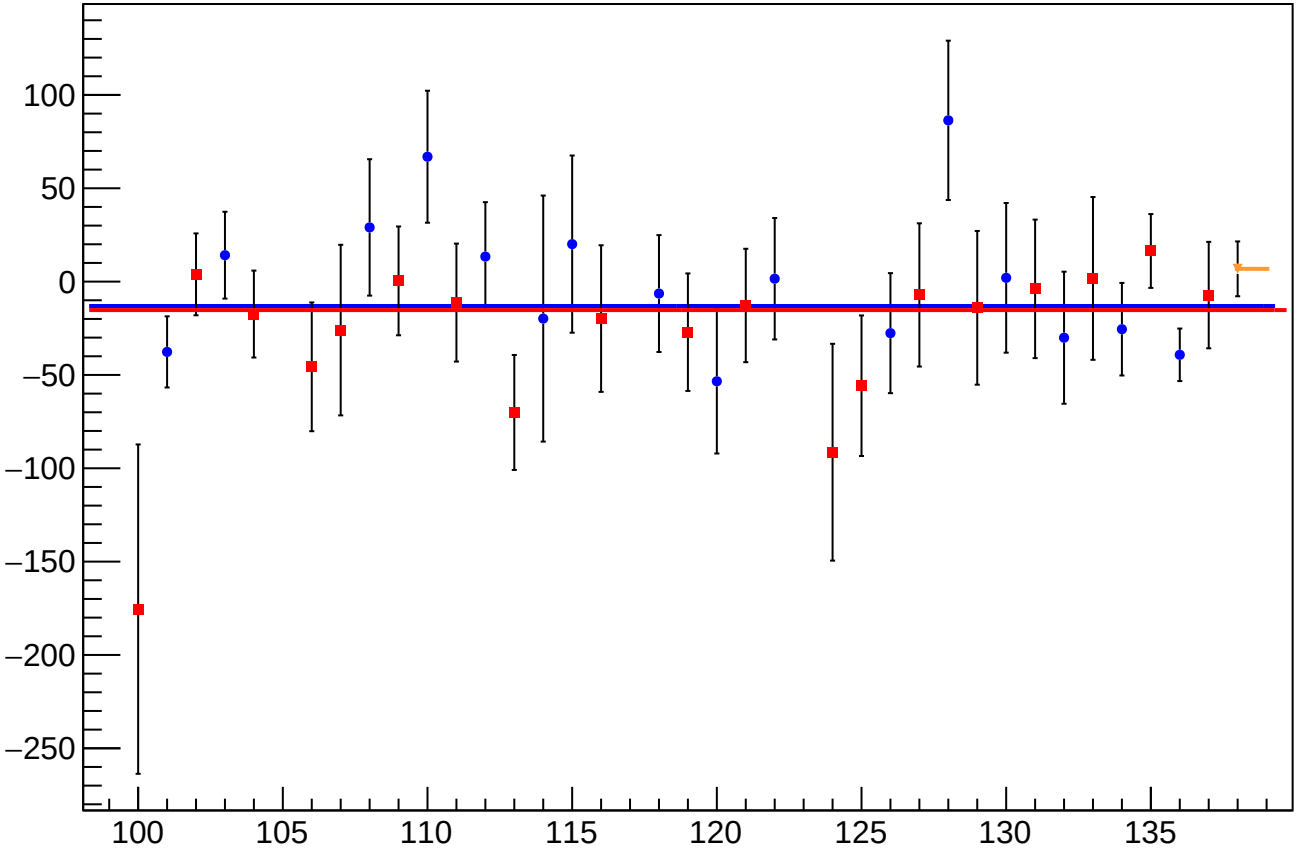
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2012.135+/-0.524 χ^2/NDF: 1194196.9/16

All: 1971.464+/-0.371 χ^2/NDF: 2609844.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: -13.066+/-7.026 χ^2/NDF: 21.9/15

Left Out: 6.835+/-14.694 χ^2/NDF:0.0/0

Right Out: -15.253+/-7.321 χ^2/NDF: 14.3/18

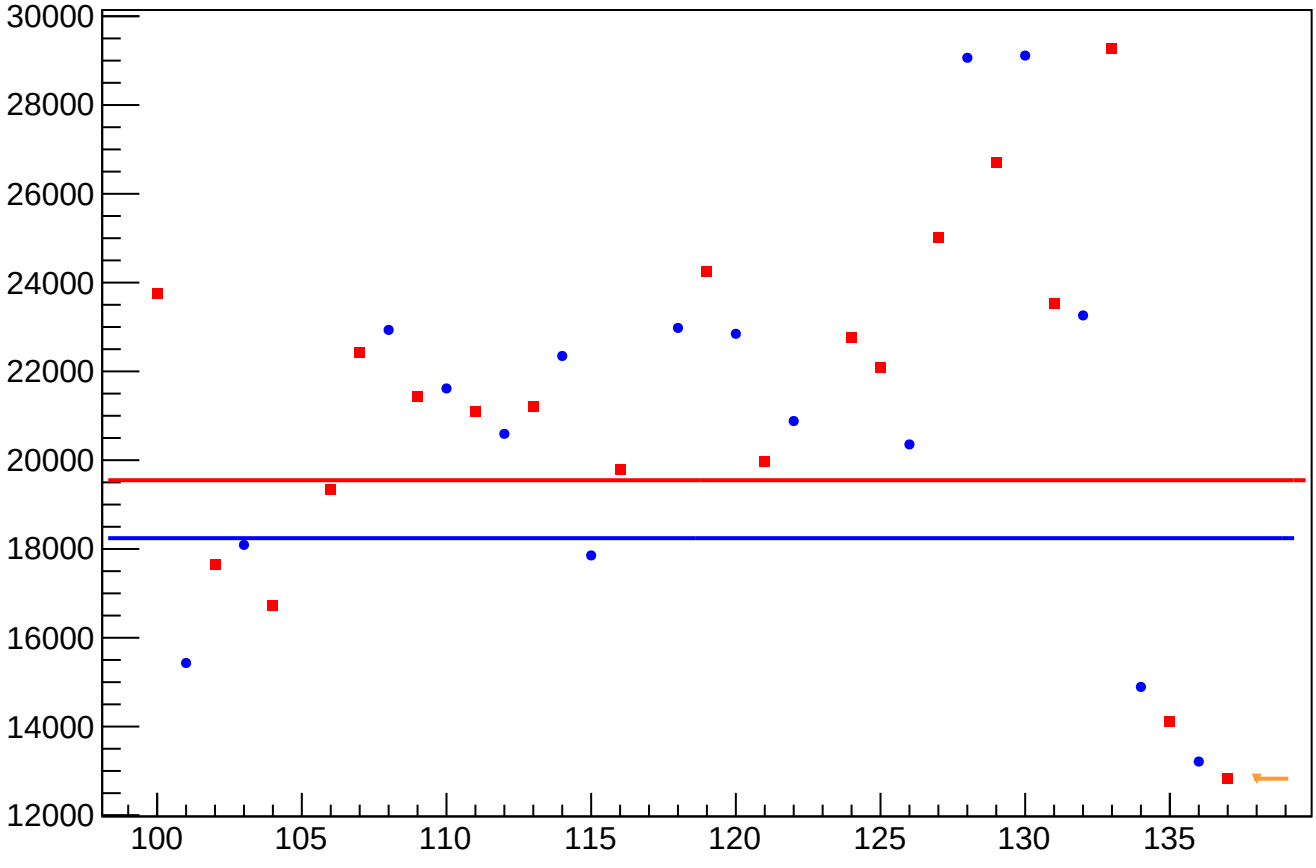
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -9.363+/-6.339 χ^2/NDF: 23.3/16

All: -11.886+/-4.792 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 18243.342+/-4.968 χ^2/NDF: 819828.6/15

Left Out: 12825.461+/-10.390 χ^2/NDF:0.0/0

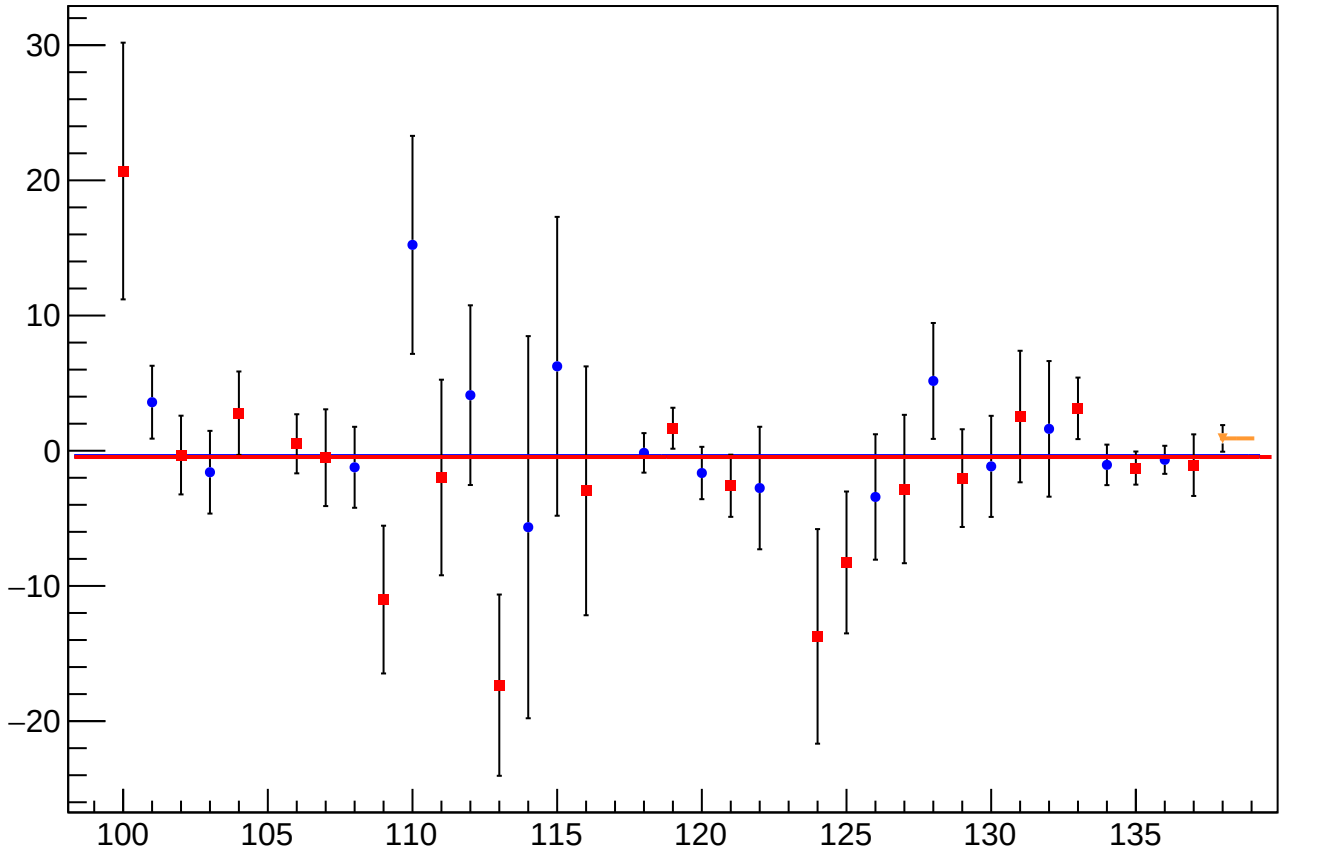
Right Out: 19548.426+/-5.176 χ^2/NDF: 621716.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17235.071+/-4.482 χ^2/NDF: 1041124.2/16

All: 18226.340+/-3.389 χ^2/NDF: 1776978.3/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.394+/-0.600 χ^2/NDF: 10.4/15

Left Out: 0.913+/-0.985 χ^2/NDF:0.0/0

Right Out: -0.464+/-0.634 χ^2/NDF: 28.0/18

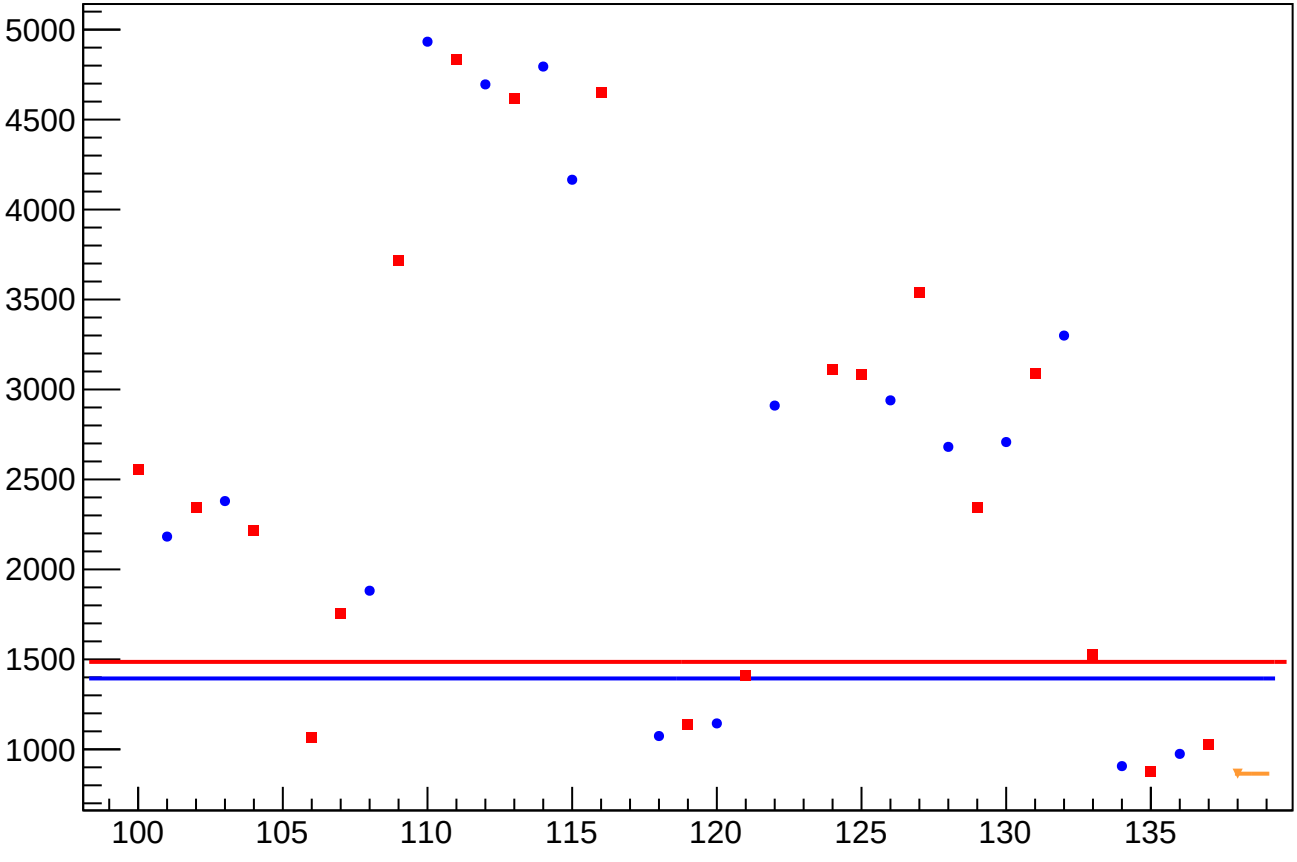
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.040+/-0.512 χ^2/NDF: 11.7/16

All: -0.208+/-0.399 χ^2/NDF: 40.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 1393.912+/-0.424 χ^2/NDF: 3381007.0/15

Left Out: 864.721+/-0.696 χ^2/NDF:0.0/0

Right Out: 1486.000+/-0.448 χ^2/NDF: 3398817.4/18

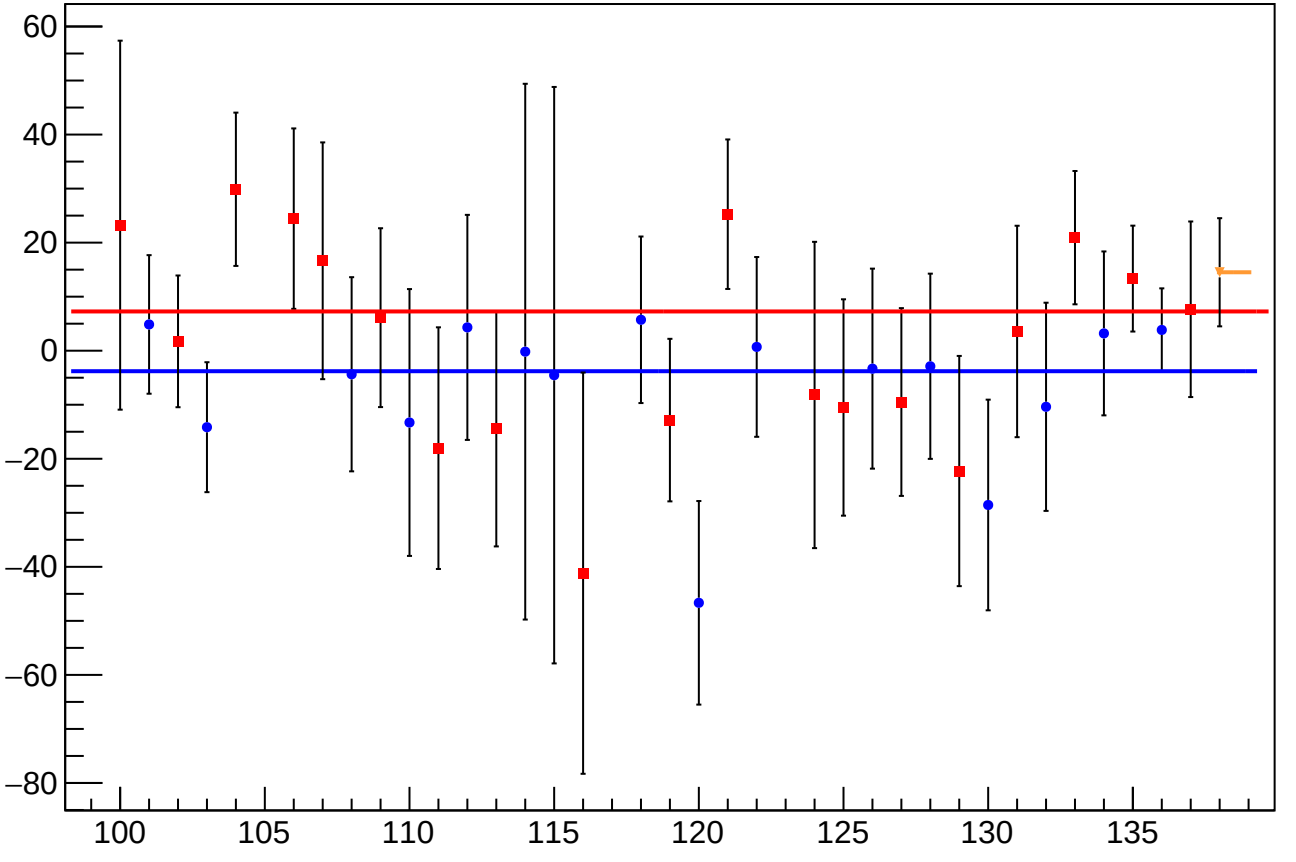
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1250.604+/-0.362 χ^2/NDF: 3802139.1/16

All: 1343.643+/-0.282 χ^2/NDF: 7367742.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetsumY_mean vs Slug



Right In: -3.795+/-3.943 χ^2/NDF: 10.1/15

Left Out: 14.516+/-10.009 χ^2/NDF:0.0/0

Right Out: 7.264+/-3.807 χ^2/NDF: 17.3/18

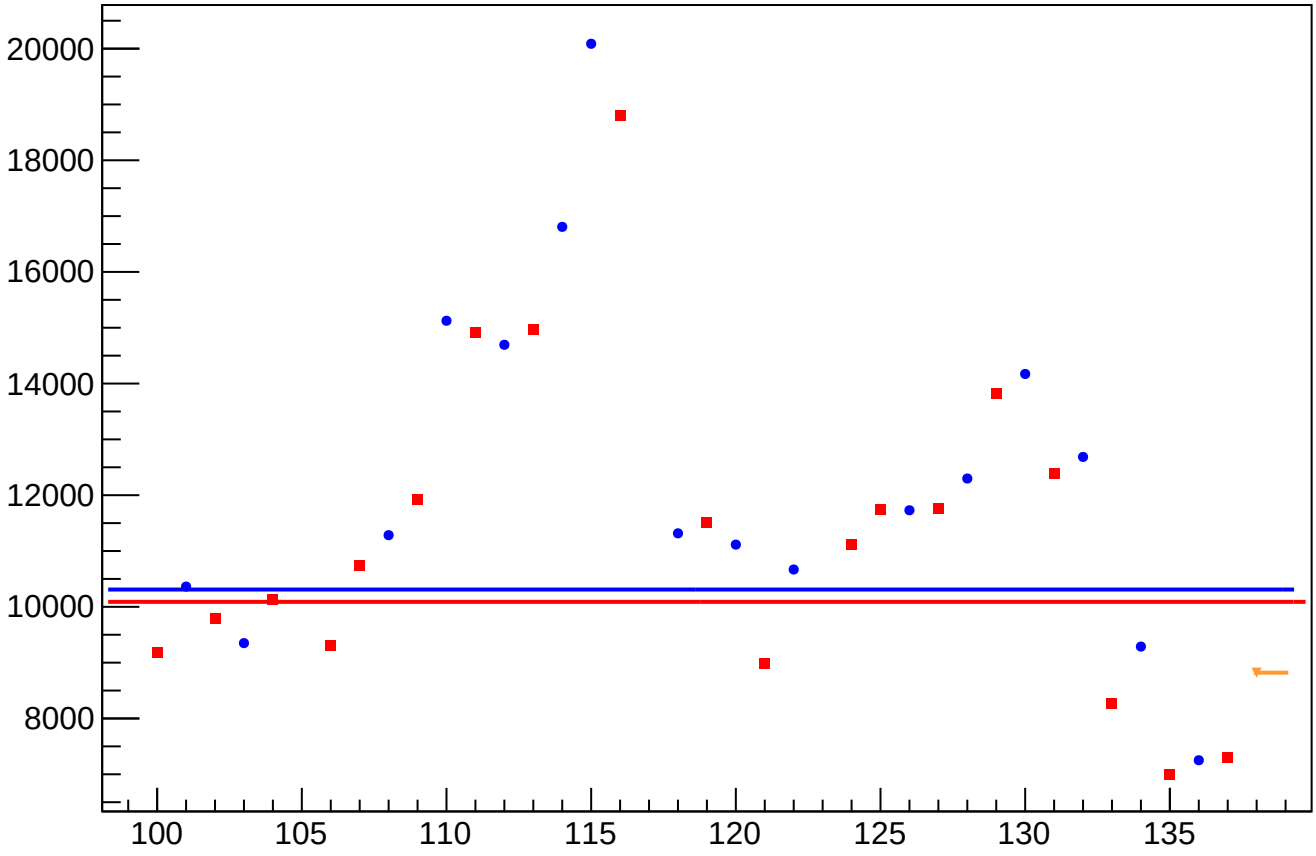
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.335+/-3.669 χ^2/NDF: 13.0/16

All: 2.806+/-2.642 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 10309.969+/-2.788 χ^2/NDF: 770518.2/15

Left Out: 8820.582+/-7.077 χ^2/NDF:0.0/0

Right Out: 10089.584+/-2.692 χ^2/NDF: 792788.1/18

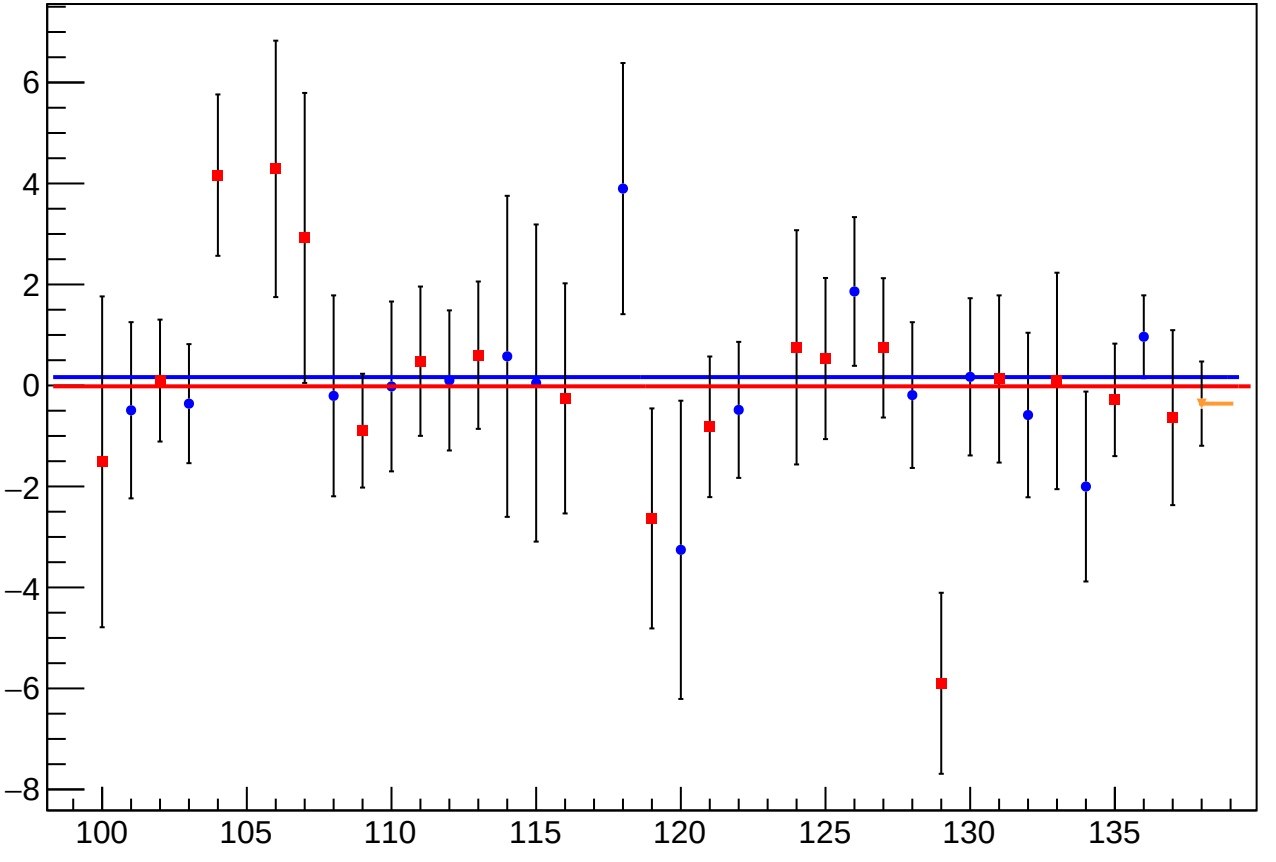
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10109.872+/-2.594 χ^2/NDF: 808853.9/16

All: 10100.103+/-1.868 χ^2/NDF: 1601671.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: 0.165+/-0.386 χ^2/NDF: 8.1/15

Left Out: -0.360+/-0.834 χ^2/NDF:0.0/0

Right Out: -0.017+/-0.372 χ^2/NDF: 25.2/18

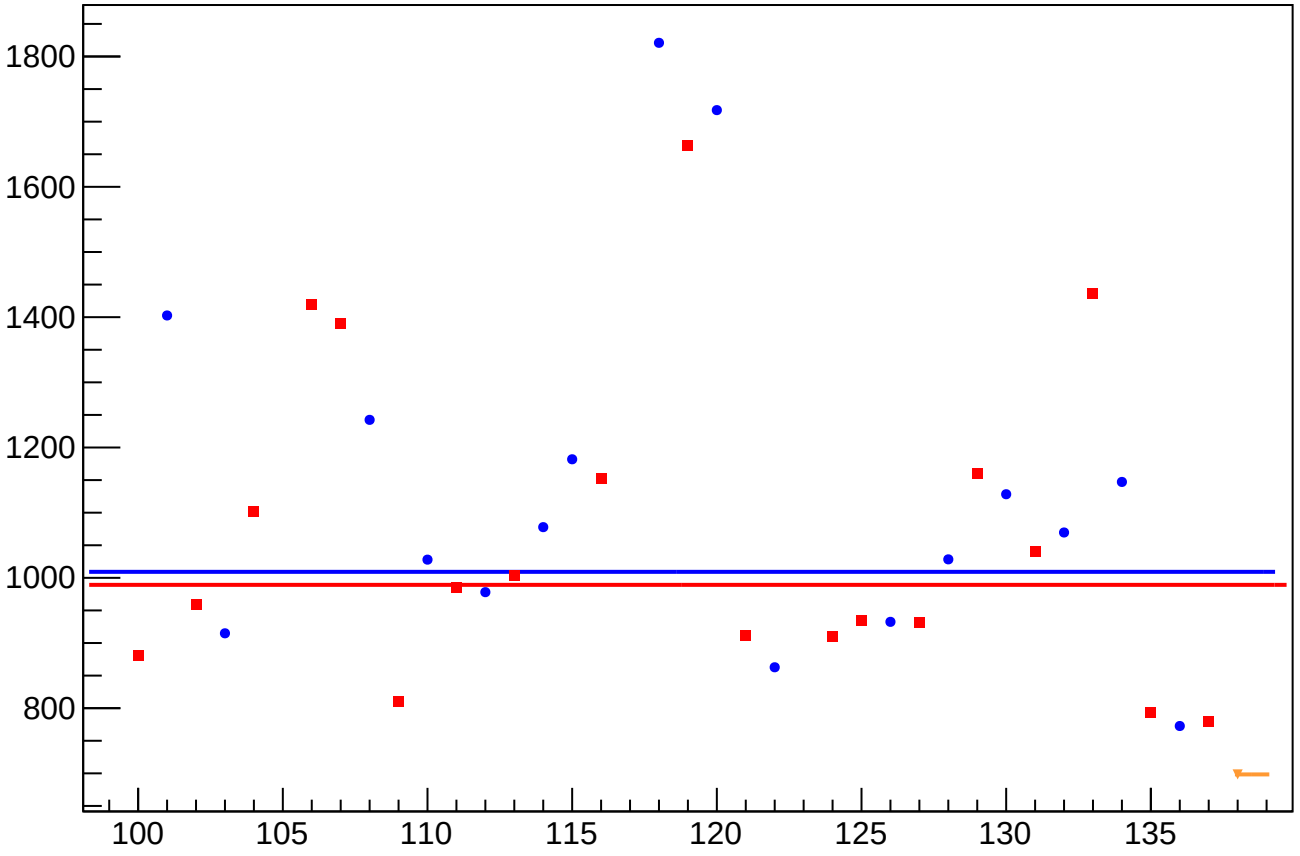
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.073+/-0.351 χ^2/NDF: 8.4/16

All: 0.030+/-0.255 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1009.222+/-0.273 χ^2/NDF: 699303.9/15

Left Out: 698.373+/-0.590 χ^2/NDF:0.0/0

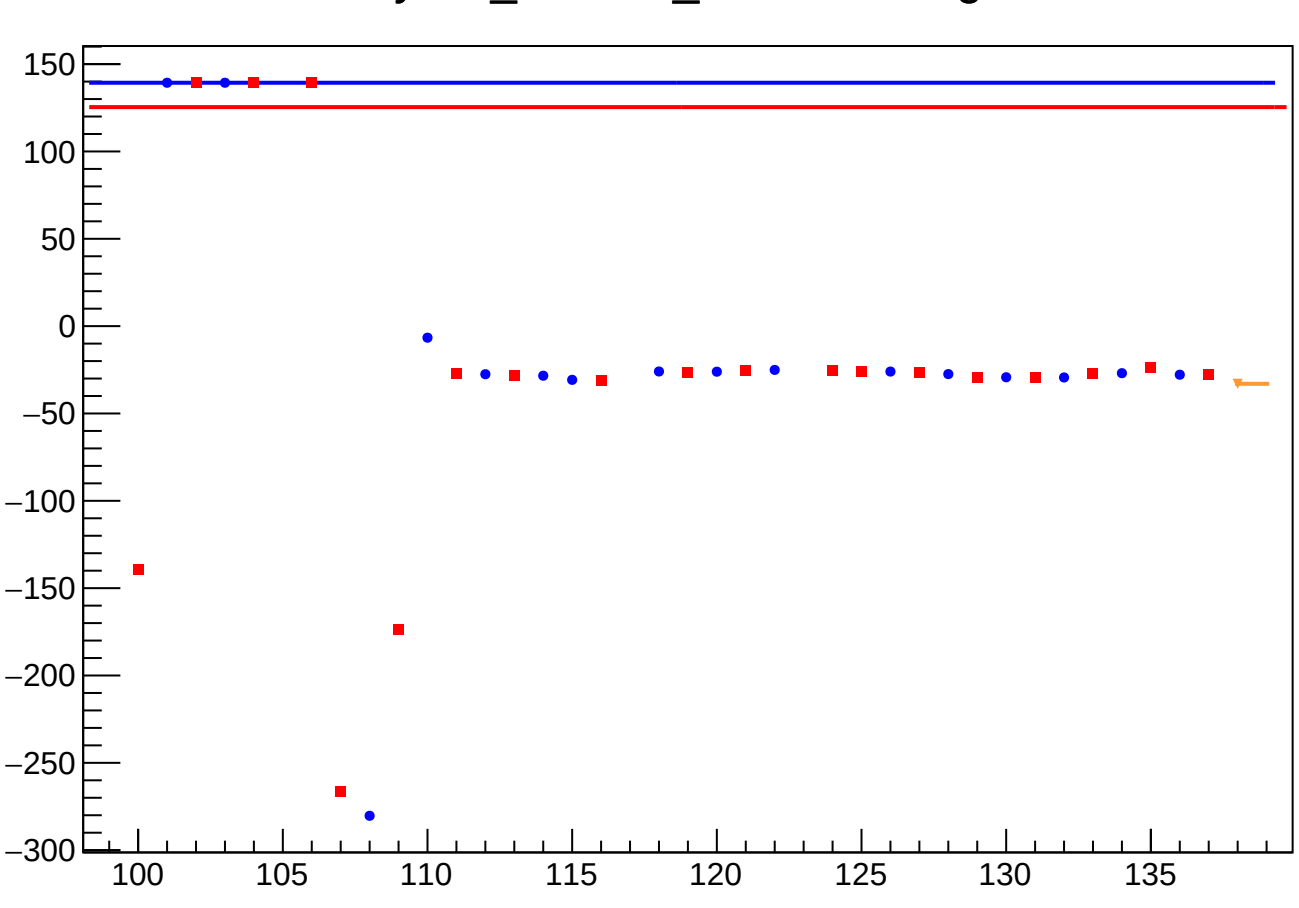
Right Out: 989.246+/-0.263 χ^2/NDF: 575759.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

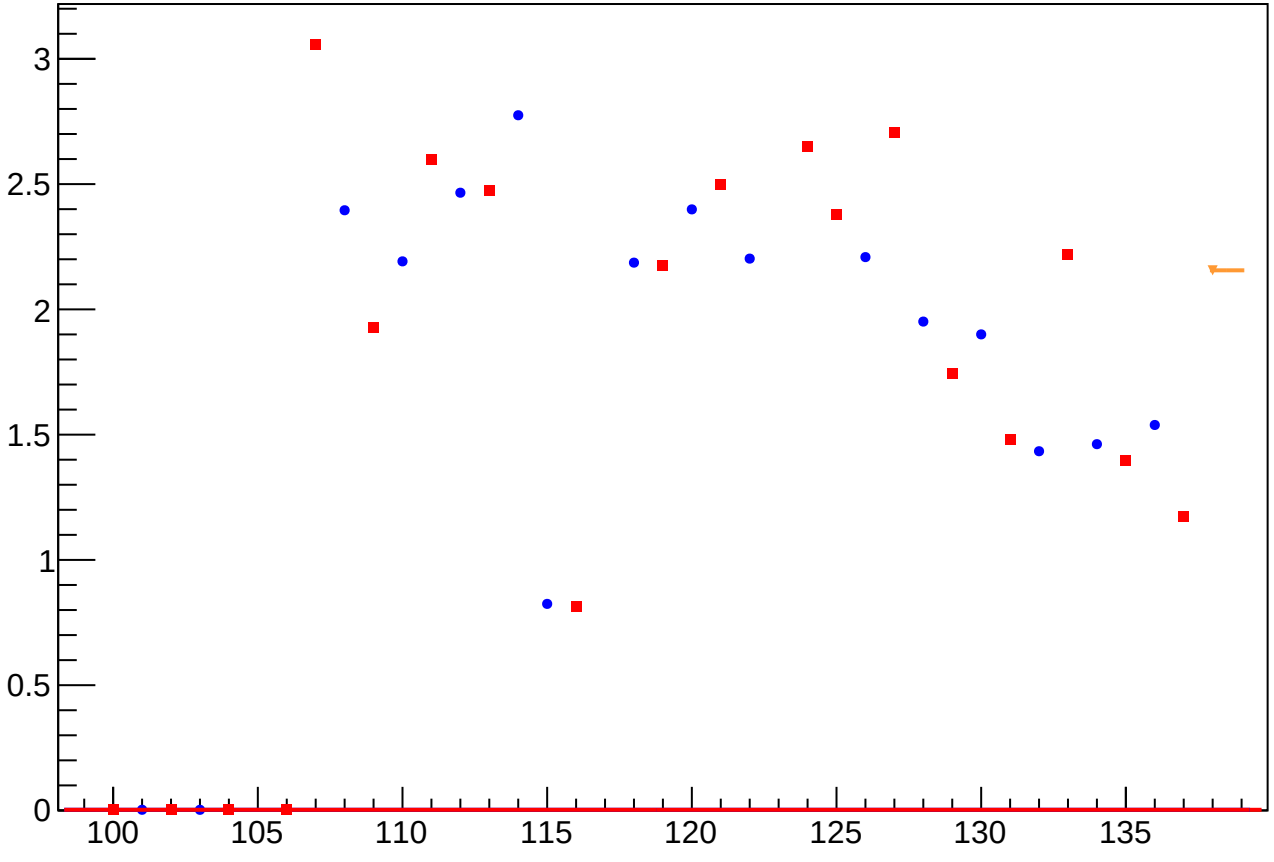
+ sign 954.336+/-0.248 χ^2/NDF: 927952.1/16

All: 970.745+/-0.180 χ^2/NDF: 1513035.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_cav4bX_mean vs Slug
150
100
50
0
−50
−100
−150
−200
−250
−300
100
105
110
115
120
125
130
135
Right In: 139.337+/-0.000 χ²/NDF: 47088045550.1/15
Left Out: -33.007+/-0.003 χ²/NDF:0.0/0
Right Out: 125.392+/-0.000 χ²/NDF: 774173119844052.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 139.337+/-0.000 χ²/NDF: 51301464817.3/16
All: 131.818+/-0.000 χ²/NDF: 79300885330
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_cav4bX_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 9565657.6/15

Left Out: 2.156+/-0.002 χ^2/NDF:0.0/0

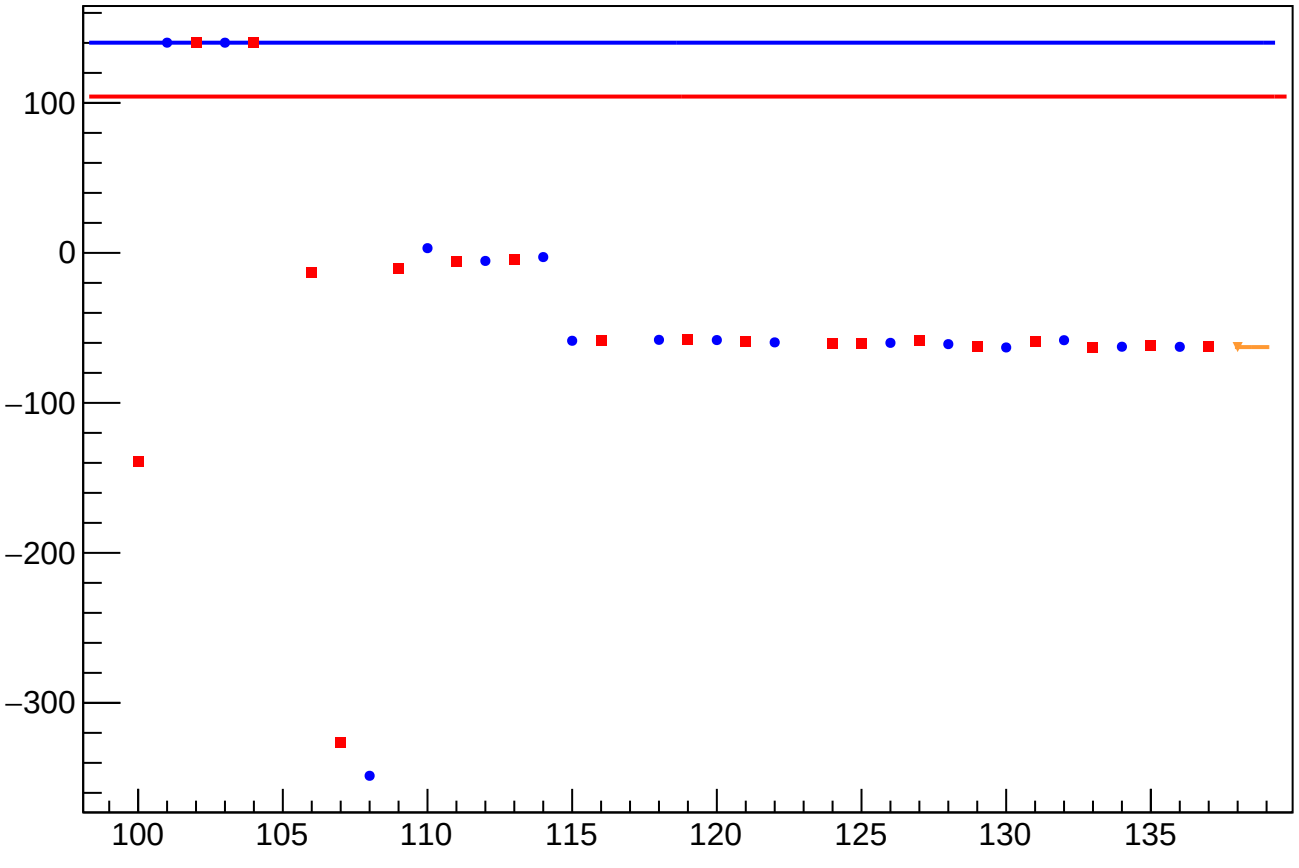
Right Out: 0.003+/-0.000 χ^2/NDF: 9733783.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 10881043.7/16

All: 0.003+/-0.000 χ^2/NDF: 20615031.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 140.143+/-0.000 χ^2/NDF: 187461723281.9/15

Left Out: -62.802+/-0.001 χ^2/NDF:0.0/0

Right Out: 104.224+/-0.000 χ^2/NDF: 1257401882577977.0/18

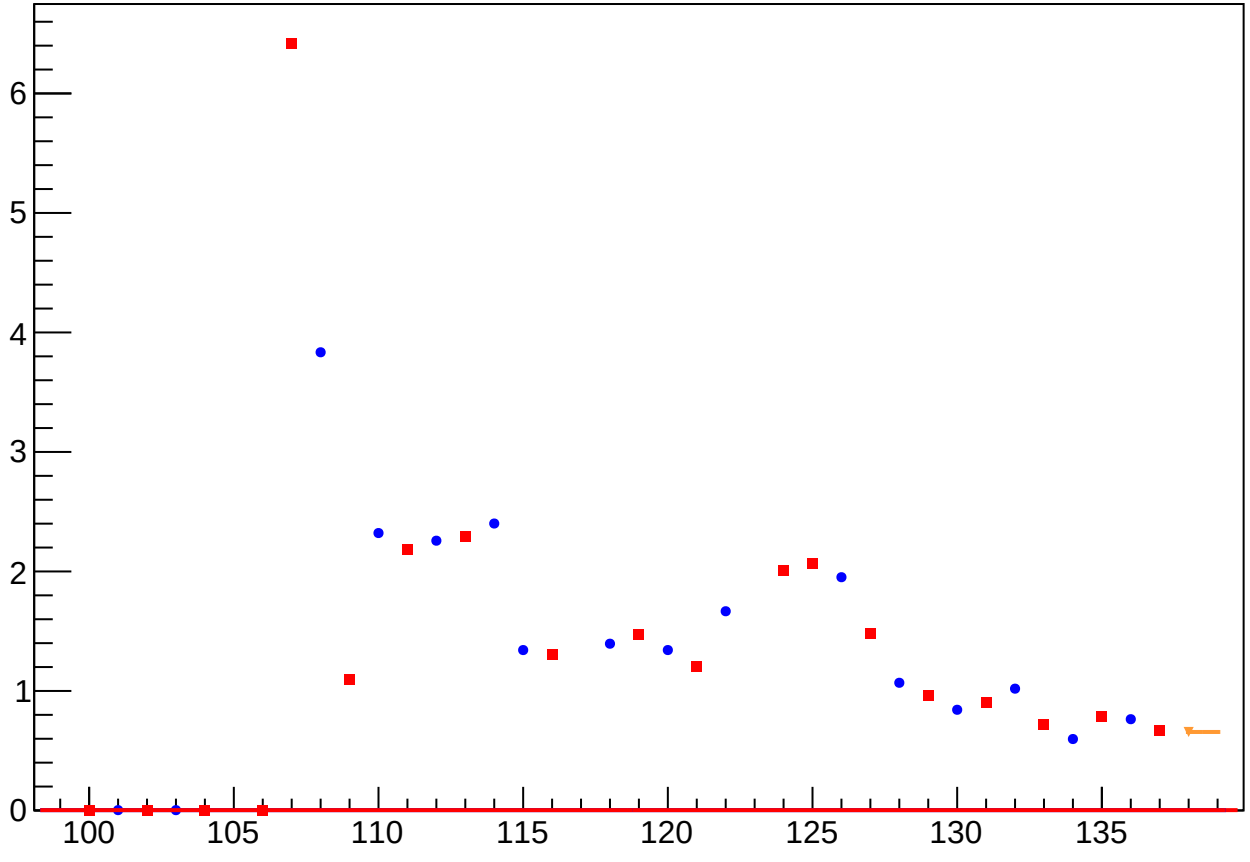
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 140.142+/-0.000 χ^2/NDF: 258545954282.0/1

All: 120.831+/-0.000 χ^2/NDF: 13809539057

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4bY_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 10578723.1/15

Left Out: 0.657+/-0.001 χ^2/NDF:0.0/0

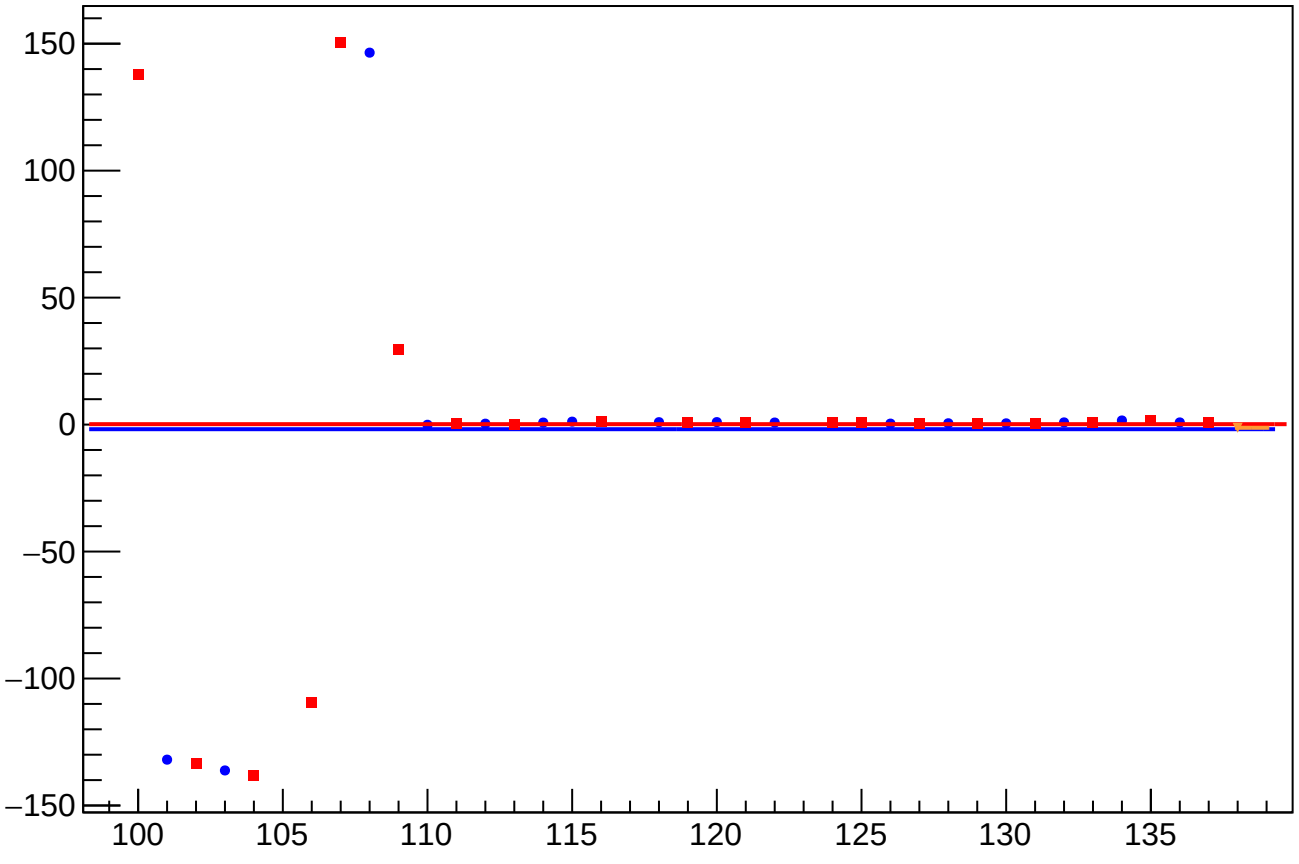
Right Out: 0.003+/-0.000 χ^2/NDF: 10266772.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 12055425.1/16

All: 0.003+/-0.000 χ^2/NDF: 22322492.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.818+/-0.000 χ^2/NDF: 9887177310.2/15

Left Out: -1.260+/-0.001 χ^2/NDF:0.0/0

Right Out: 0.165+/-0.000 χ^2/NDF: 3611245020.0/18

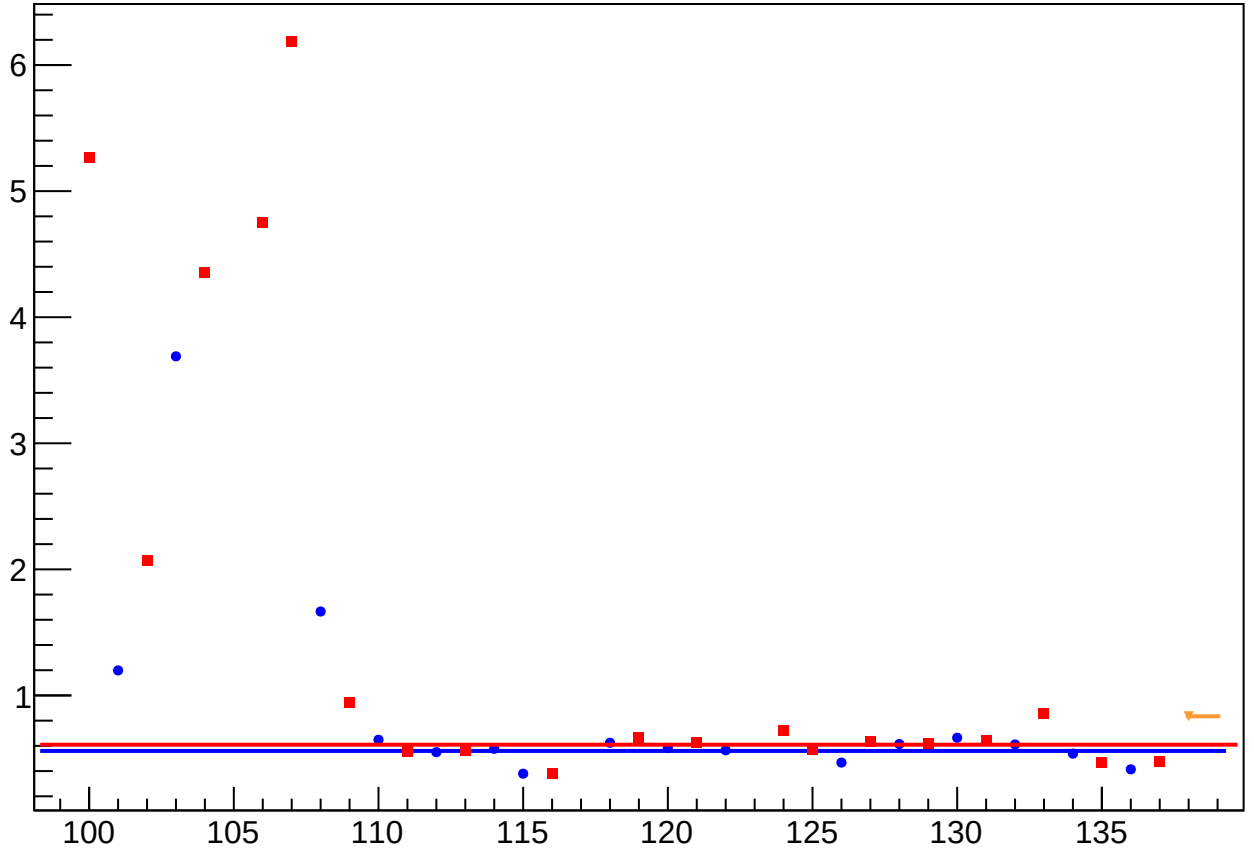
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.787+/-0.000 χ^2/NDF: 9887458131.5/16

All: -0.930+/-0.000 χ^2/NDF: 13527281723.3/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.560+/-0.000 χ^2/NDF: 1598439.5/15

Left Out: 0.835+/-0.001 χ^2/NDF:0.0/0

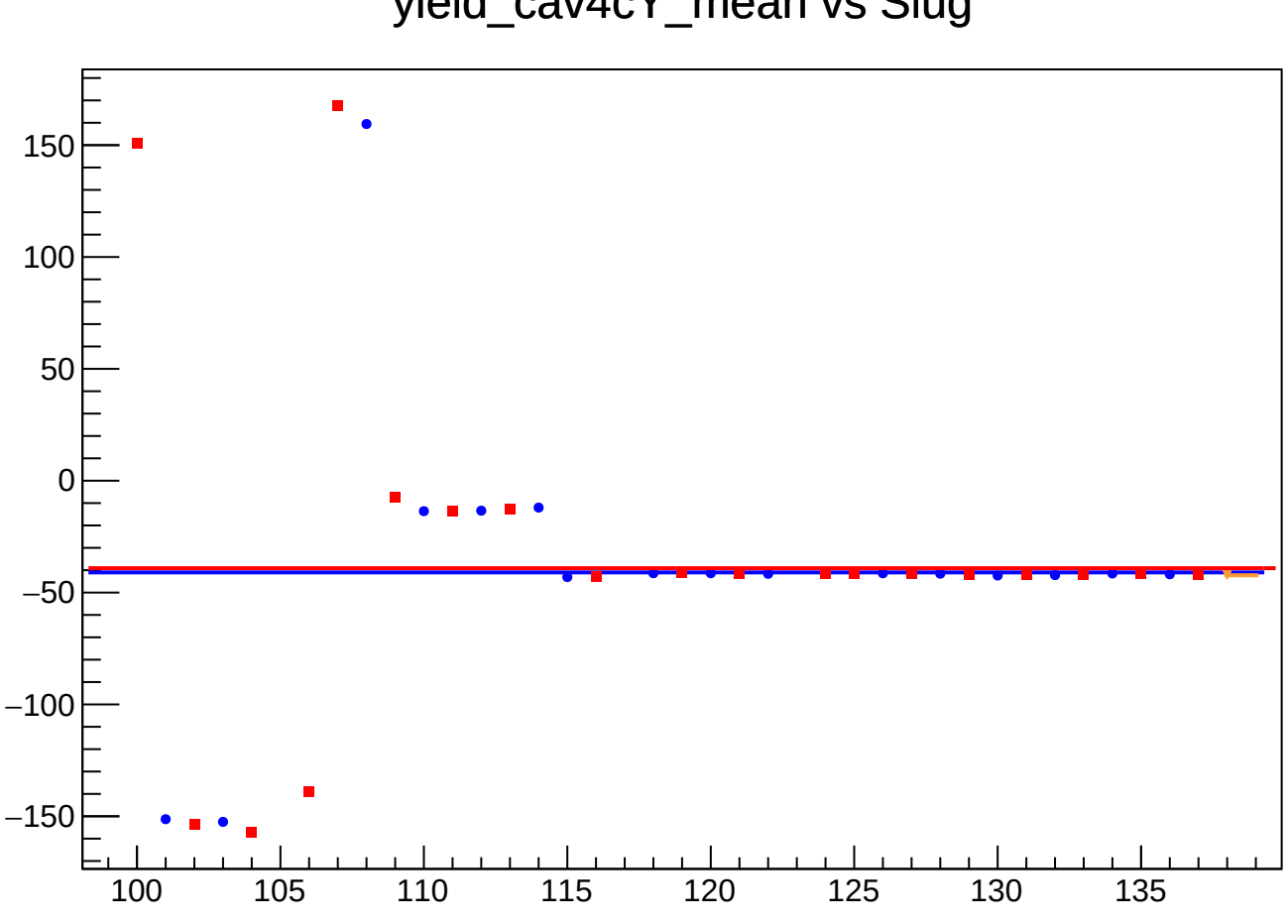
Right Out: 0.609+/-0.000 χ^2/NDF: 2476010.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

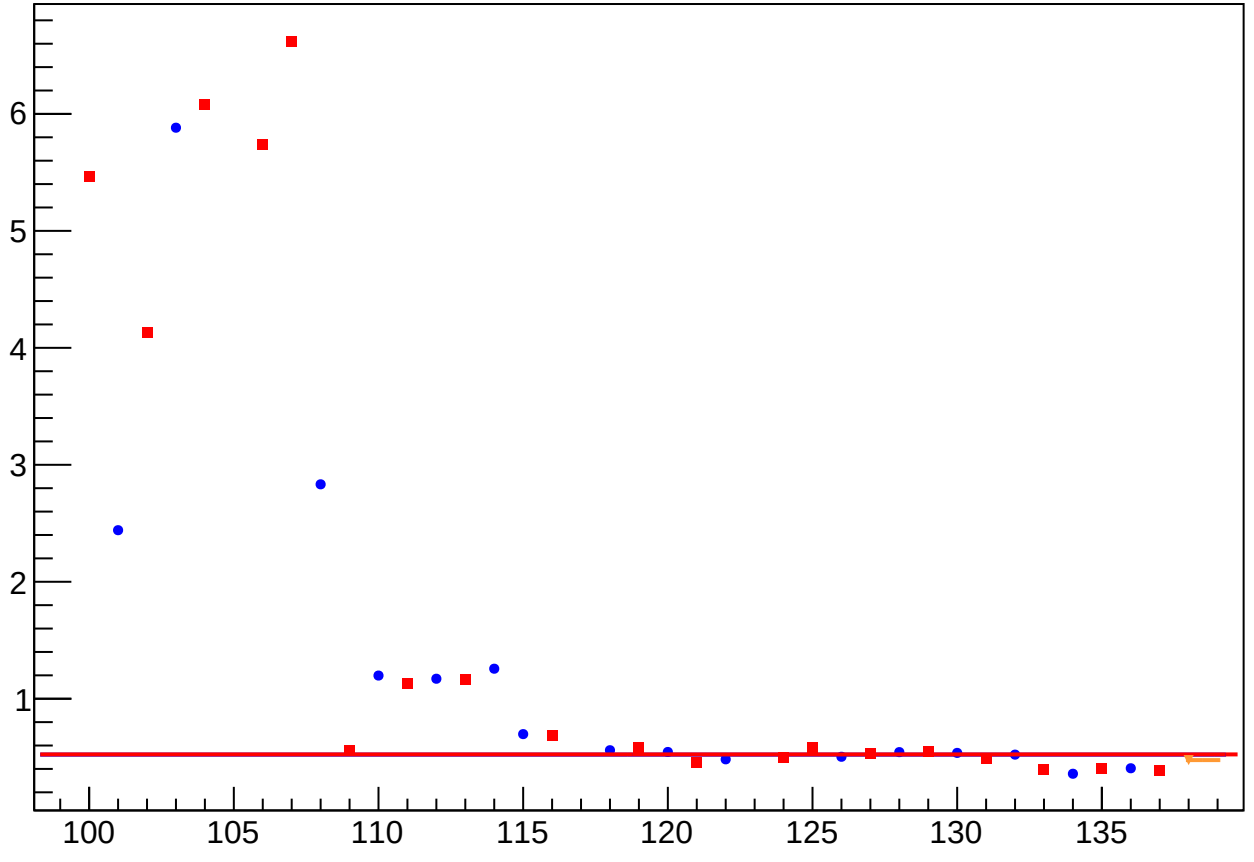
+ sign 0.575+/-0.000 χ^2/NDF: 1734932.5/16

All: 0.590+/-0.000 χ^2/NDF: 4228424.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_cav4cY_mean vs Slug
150
100
50
0
−50
−100
−150
100
105
110
115
120
125
130
135
Right In: -40.987+/-0.000 χ²/NDF: 3449622021.8/15
Left Out: -42.267+/-0.001 χ²/NDF:0.0/0
Right Out: -39.101+/-0.000 χ²/NDF: 2480133442.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -41.166+/-0.000 χ²/NDF: 3453847264.6/16
All: -40.226+/-0.000 χ²/NDF: 5975589509.2/
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_cav4cY_rms vs Slug



Right In: 0.522+/-0.000 χ^2/NDF: 2949327.6/15

Left Out: 0.475+/-0.000 χ^2/NDF:0.0/0

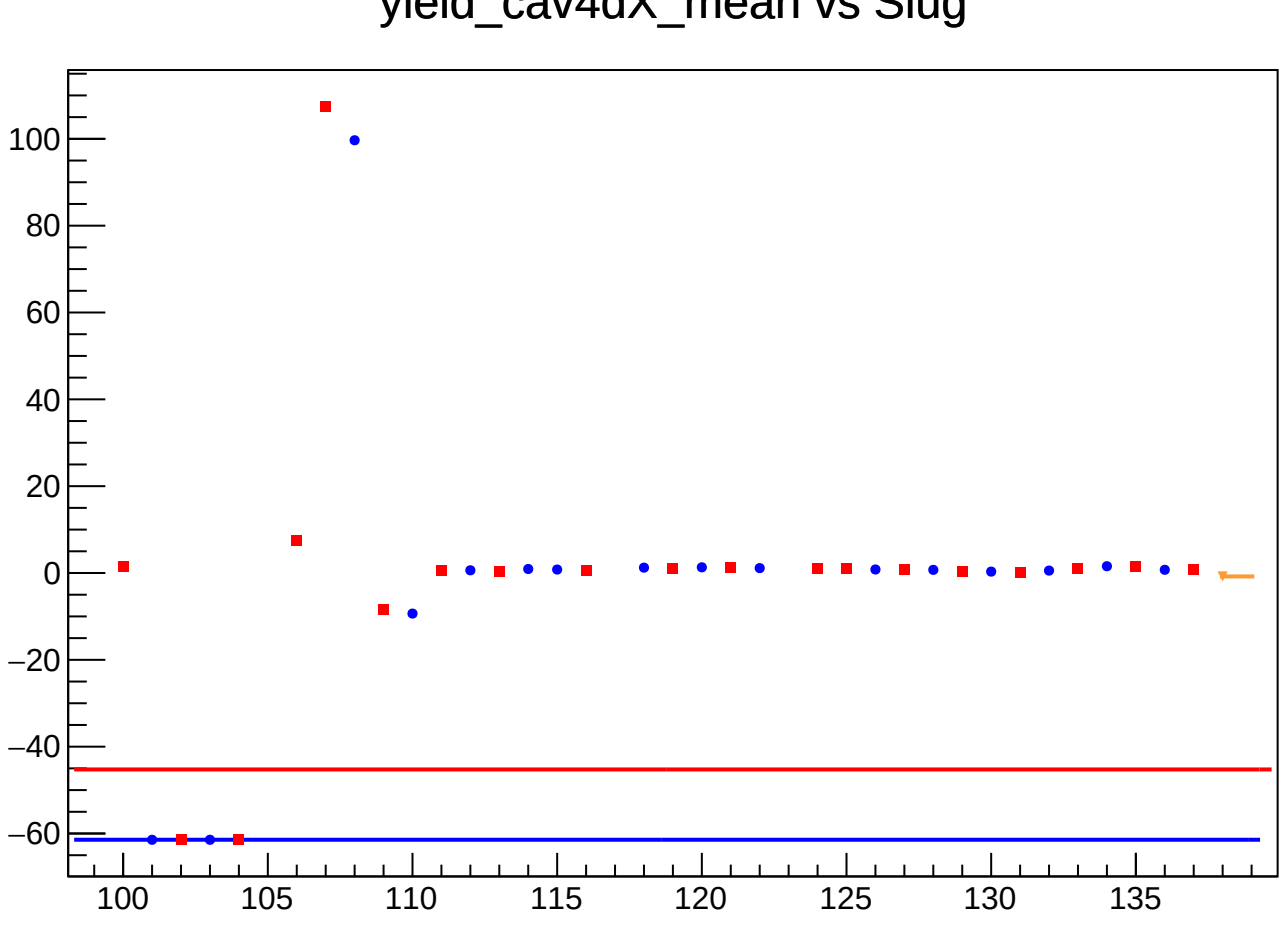
Right Out: 0.524+/-0.000 χ^2/NDF: 3264460.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.516+/-0.000 χ^2/NDF: 2960571.9/16

All: 0.519+/-0.000 χ^2/NDF: 6226436.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -61.436+/-0.000 χ^2/NDF: 273496278670.9/15

Left Out: -0.788+/-0.001 χ^2/NDF:0.0/0

Right Out: -45.245+/-0.000 χ^2/NDF: 357870328061478.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -61.436+/-0.000 χ^2/NDF: 278465588348.4/1

All: -52.749+/-0.000 χ^2/NDF: 409125565715

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4dX_rms vs Slug

Right In: 0.001+/-0.000 χ^2/NDF: 9156181.6/15

Left Out: 0.707+/-0.001 χ^2/NDF:0.0/0

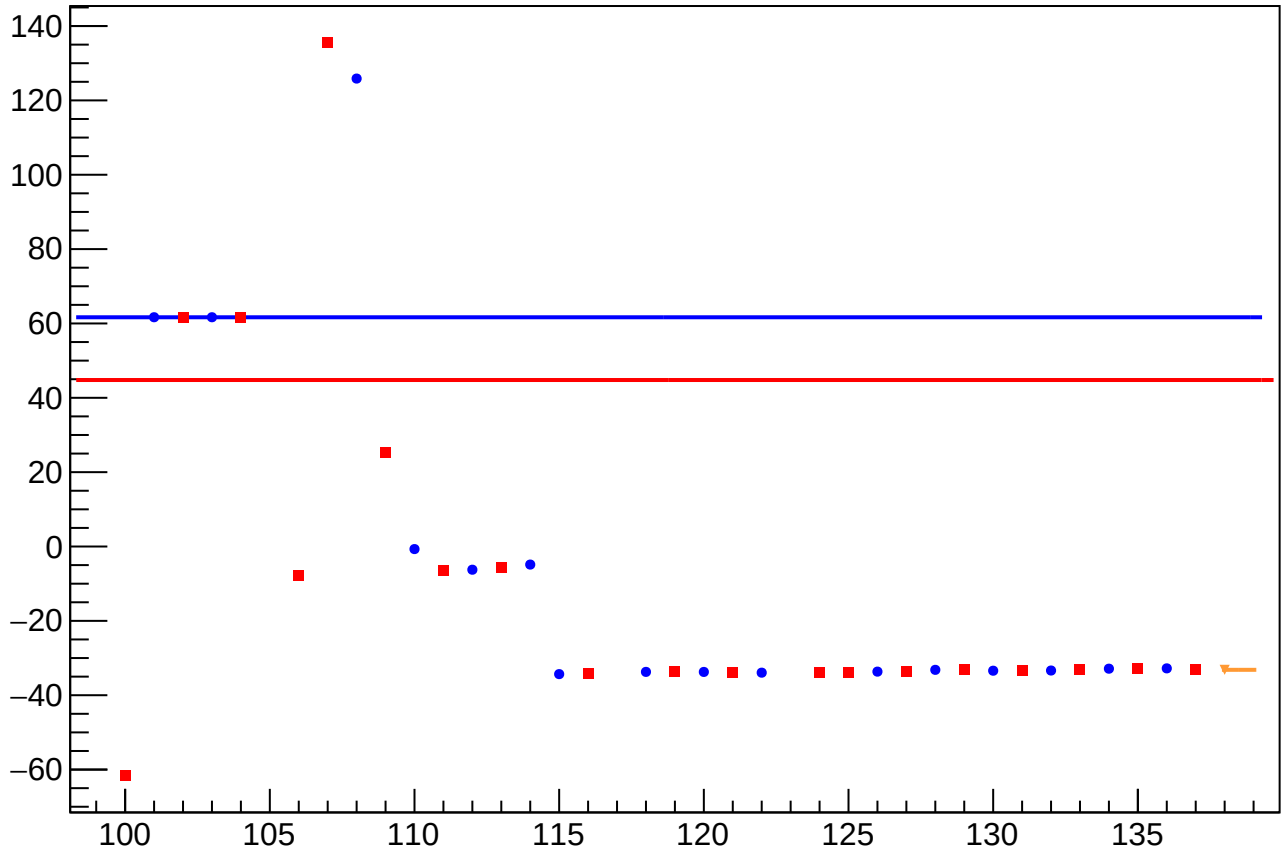
Right Out: 0.001+/-0.000 χ^2/NDF: 9345109.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 10500703.9/16

All: 0.001+/-0.000 χ^2/NDF: 19845823.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 61.662+/-0.000 χ^2/NDF: 369463062074.0/15

Left Out: -33.169+/-0.000 χ^2/NDF:0.0/0

Right Out: 44.786+/-0.000 χ^2/NDF: 366094778229951.8/18

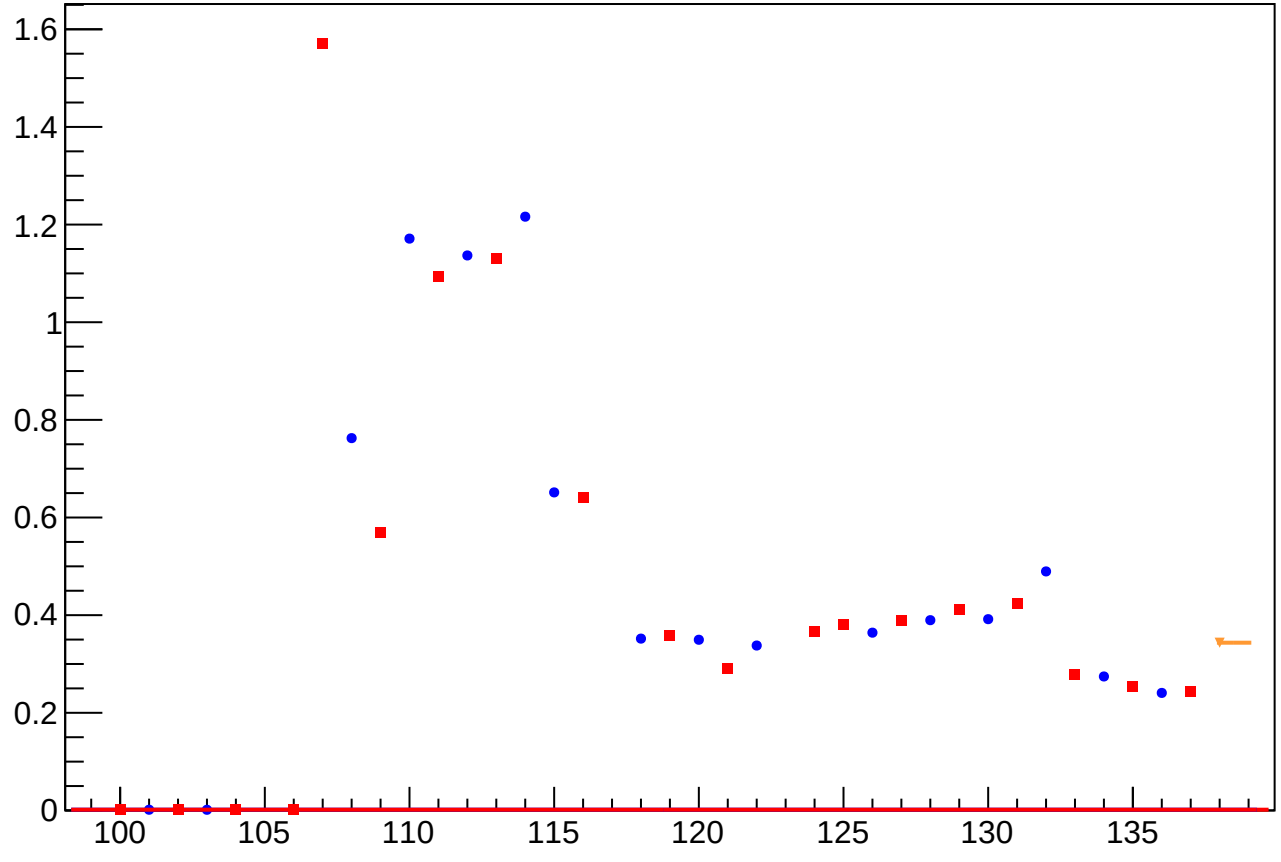
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.660+/-0.000 χ^2/NDF: 425918864539.3/16

All: 52.688+/-0.000 χ^2/NDF: 417614359031

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 11024564.1/15

Left Out: 0.344+/-0.000 χ^2/NDF:0.0/0

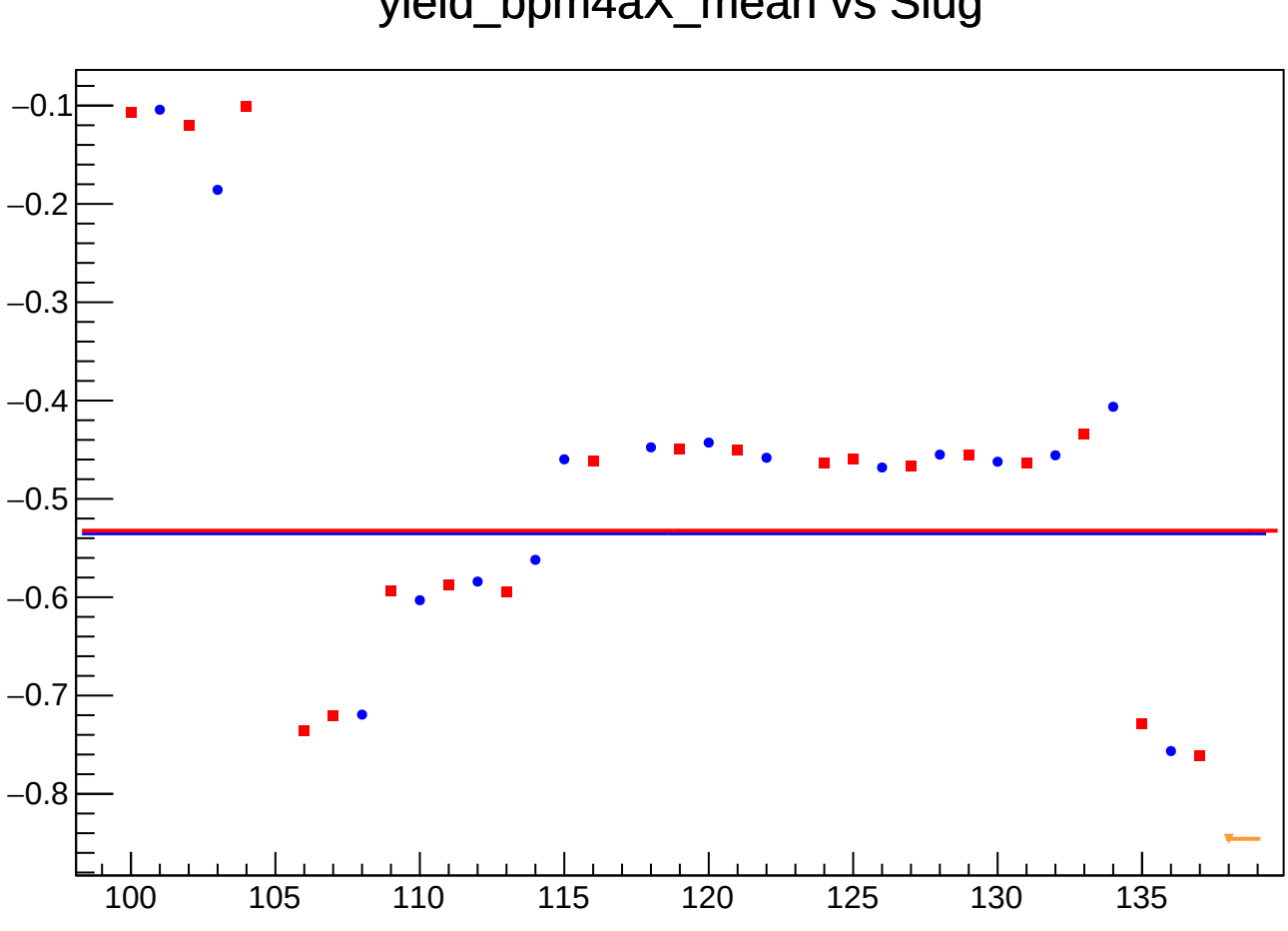
Right Out: 0.002+/-0.000 χ^2/NDF: 10559220.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 12493857.3/16

All: 0.002+/-0.000 χ^2/NDF: 23053133.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.535+/-0.000 χ^2/NDF: 300846309.5/15

Left Out: -0.846+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.532+/-0.000 χ^2/NDF: 214124648.5/18

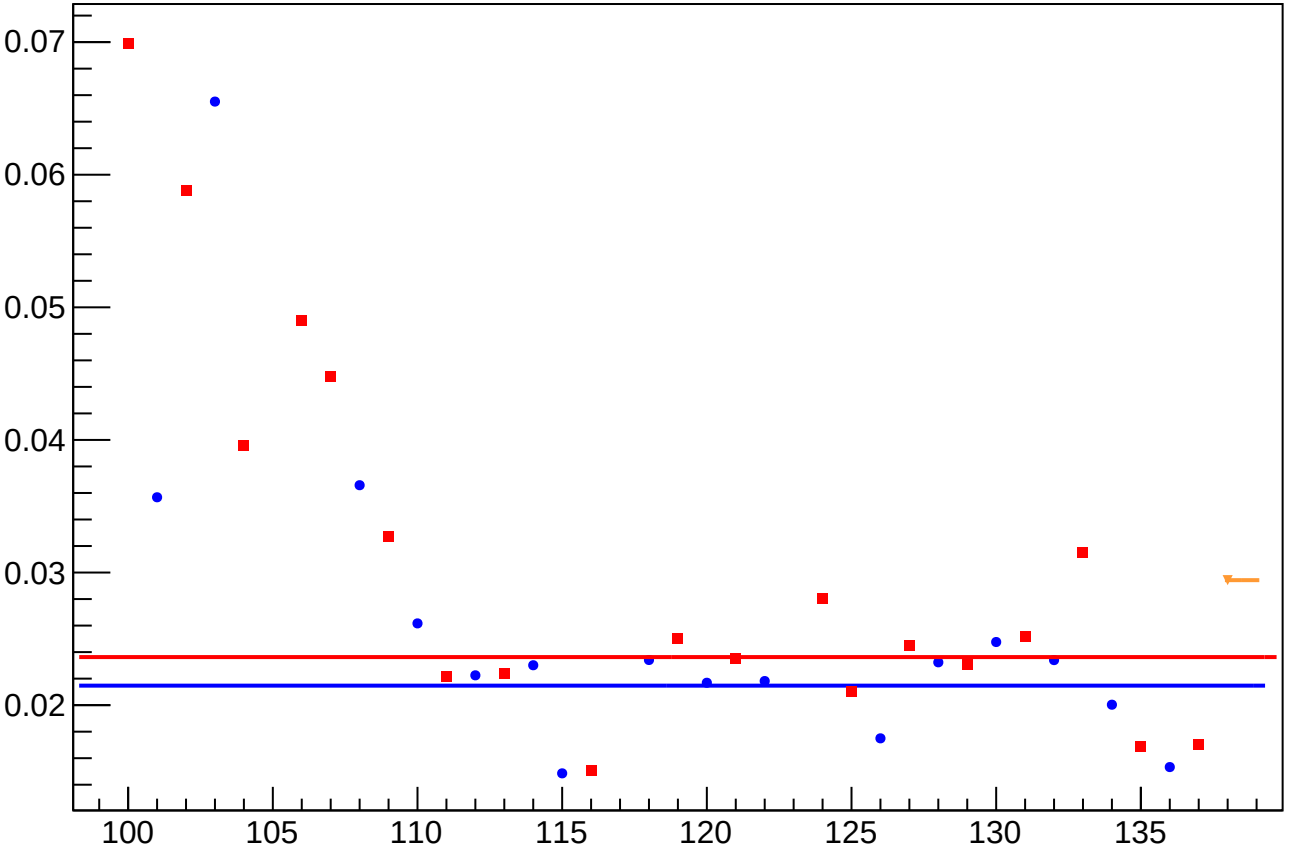
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.554+/-0.000 χ^2/NDF: 368626876.5/16

All: -0.544+/-0.000 χ^2/NDF: 585284940.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.021+/-0.000 χ^2/NDF: 1153987.6/15

Left Out: 0.029+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF: 1277268.6/18

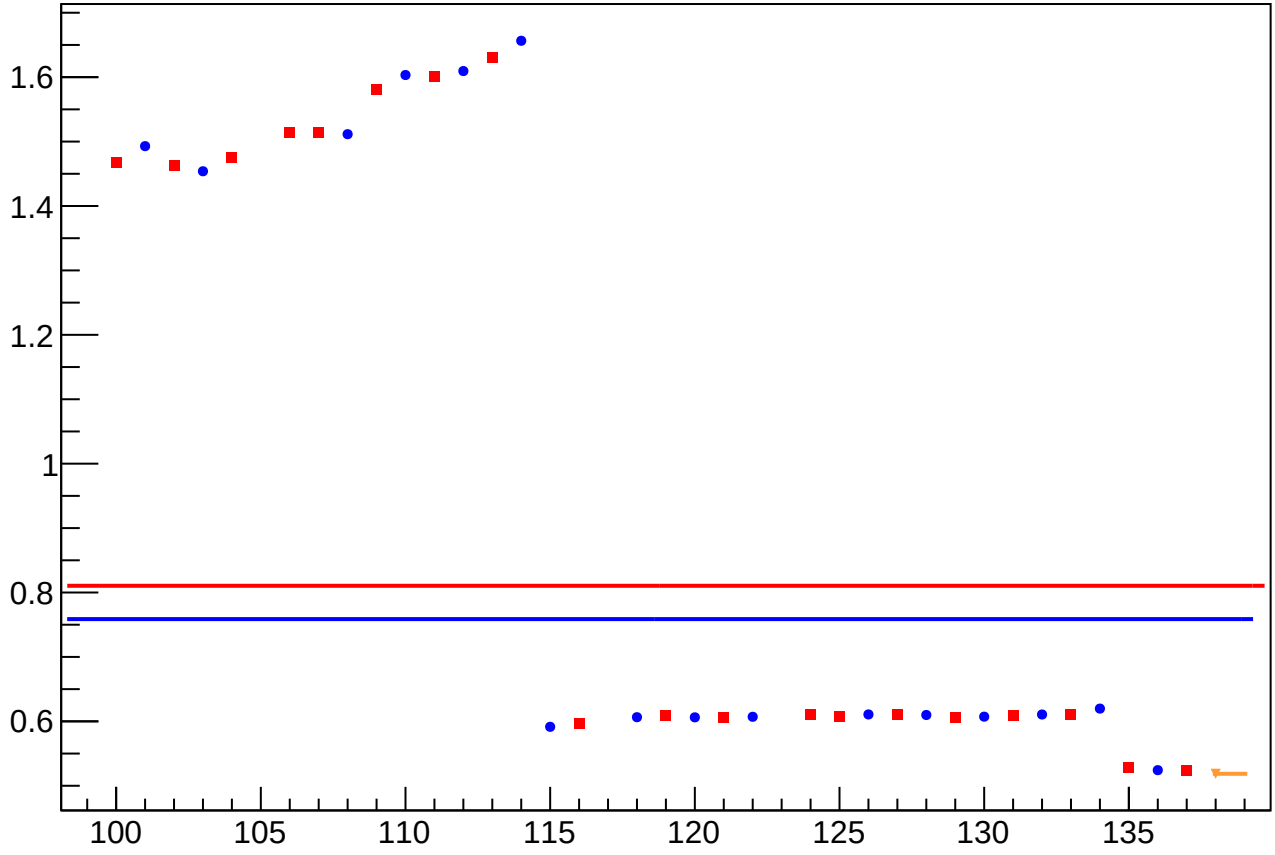
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.022+/-0.000 χ^2/NDF: 1242806.3/16

All: 0.023+/-0.000 χ^2/NDF: 2551038.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 0.759+/-0.000 χ^2/NDF: 4304169889.2/15

Left Out: 0.519+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.810+/-0.000 χ^2/NDF: 4769381416.8/18

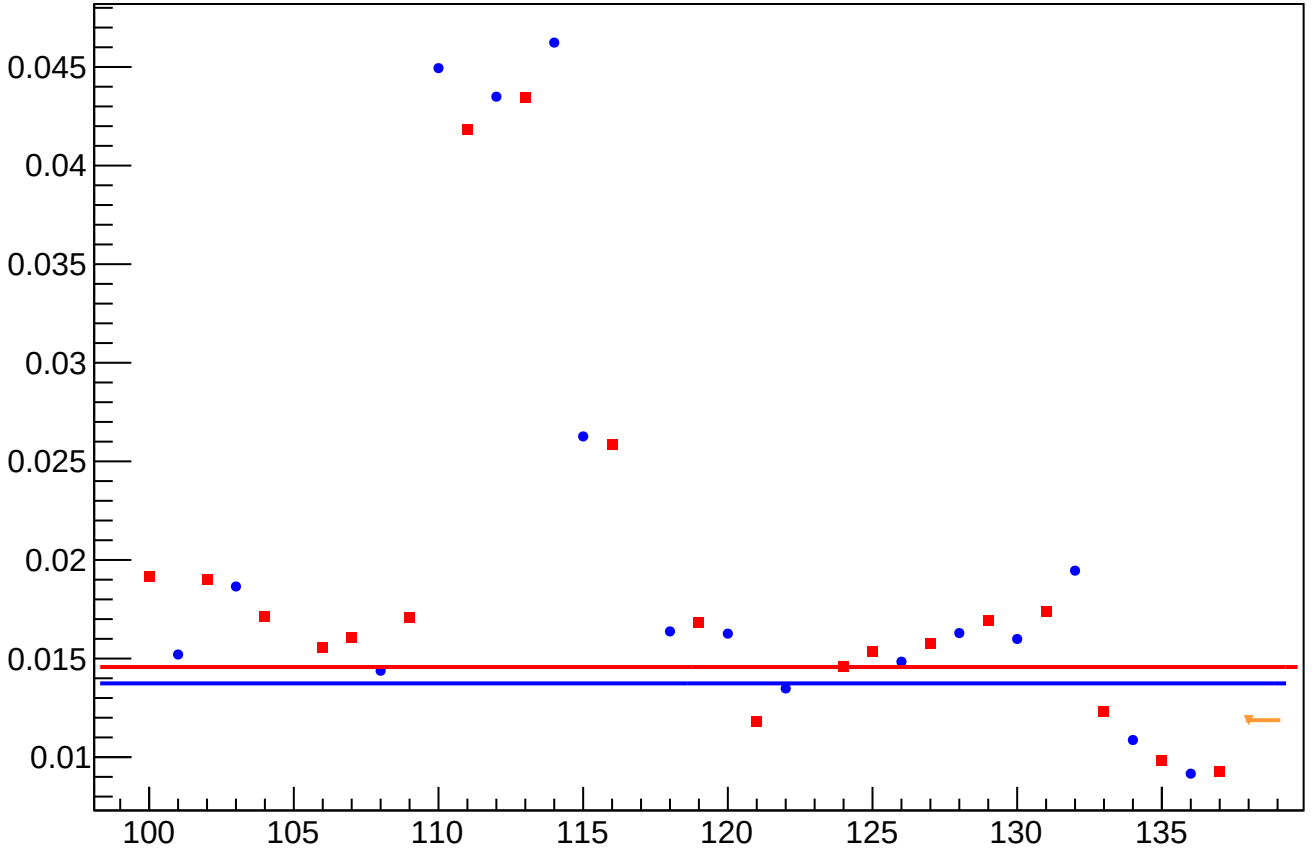
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.724+/-0.000 χ^2/NDF: 4563615949.9/16

All: 0.763+/-0.000 χ^2/NDF: 9453828882.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 1649769.2/15

Left Out: 0.012+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF: 1455054.4/18

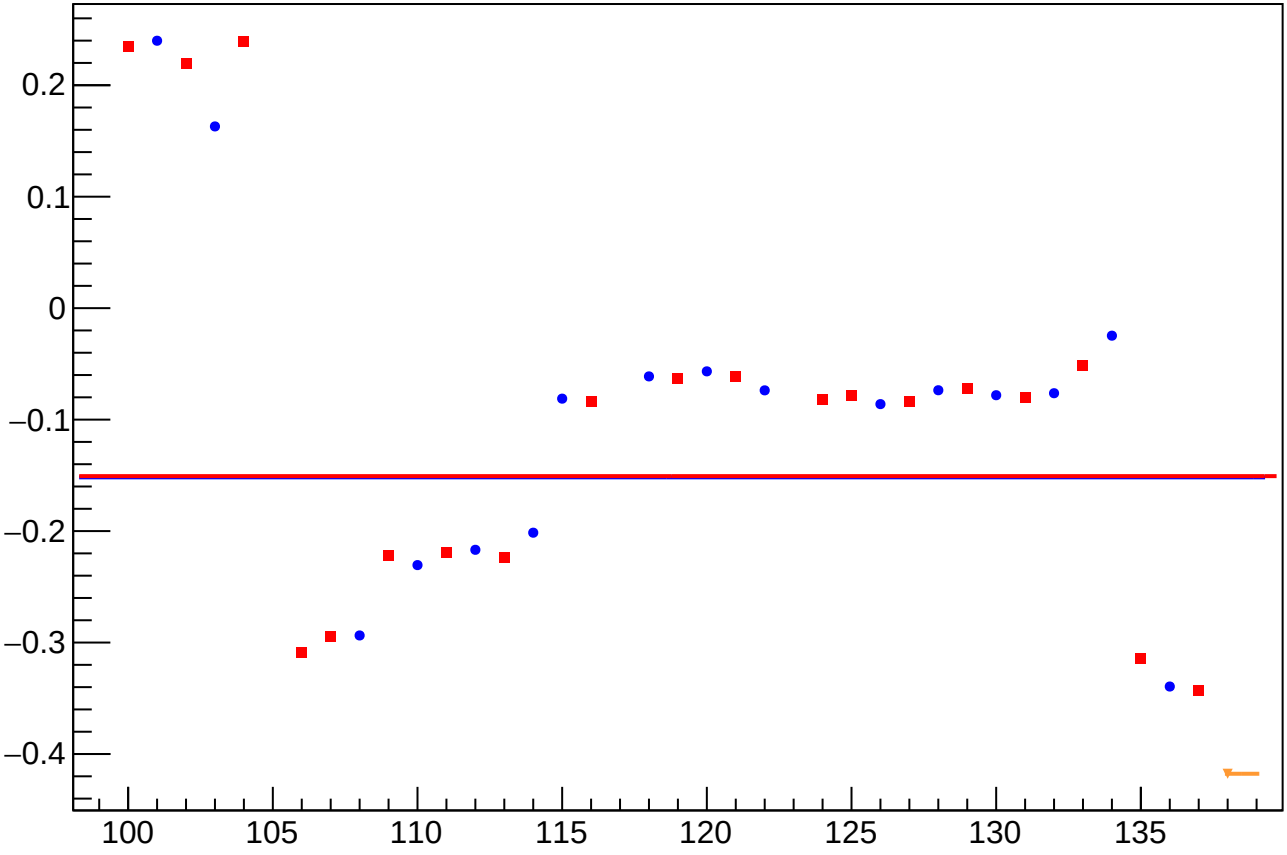
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.000 χ^2/NDF: 1681112.0/16

All: 0.014+/-0.000 χ^2/NDF: 3175481.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4eX_mean vs Slug



Right In: -0.152+/-0.000 χ^2/NDF: 276791709.3/15

Left Out: -0.418+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.151+/-0.000 χ^2/NDF: 199410234.4/18

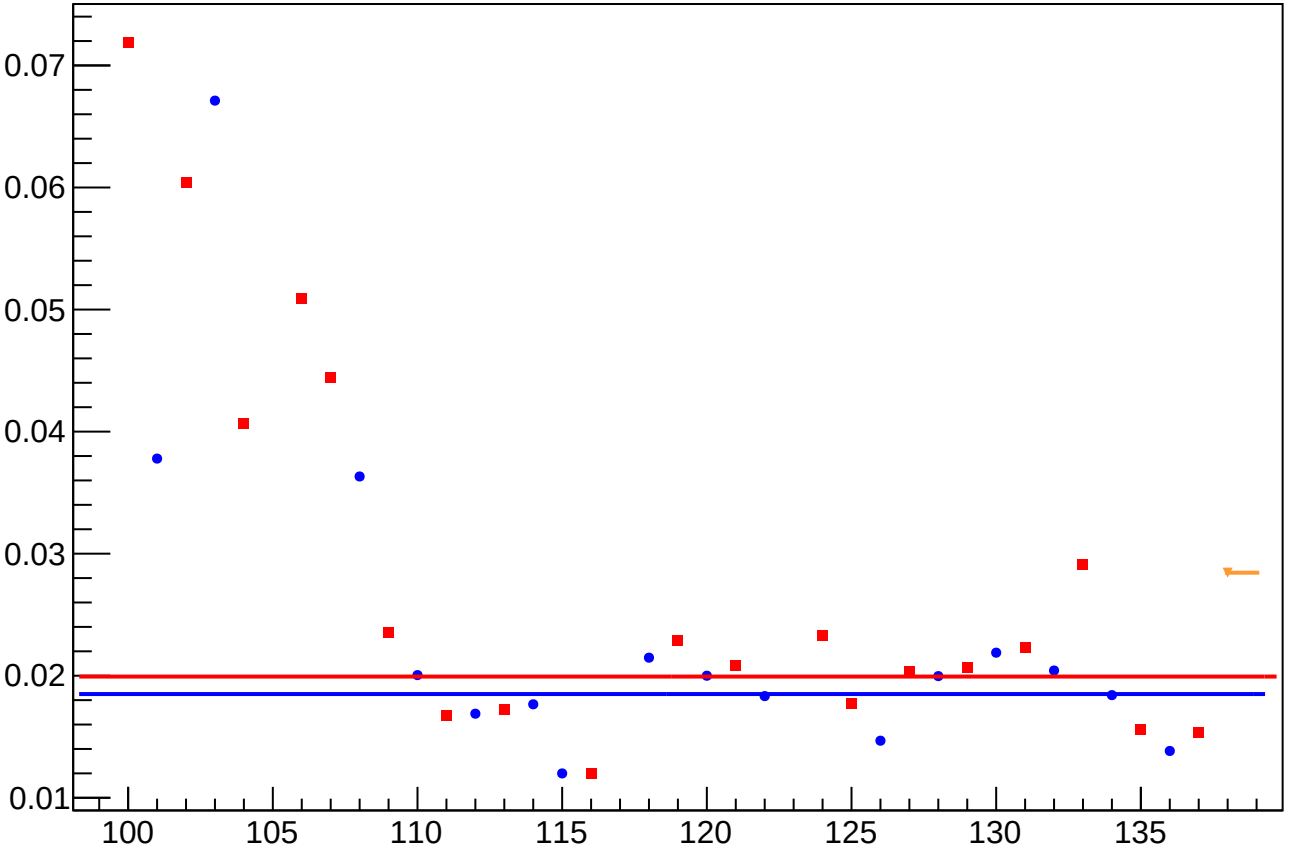
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.165+/-0.000 χ^2/NDF: 332352555.6/16

All: -0.159+/-0.000 χ^2/NDF: 533355072.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF: 1372359.1/15

Left Out: 0.028+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF: 1547561.3/18

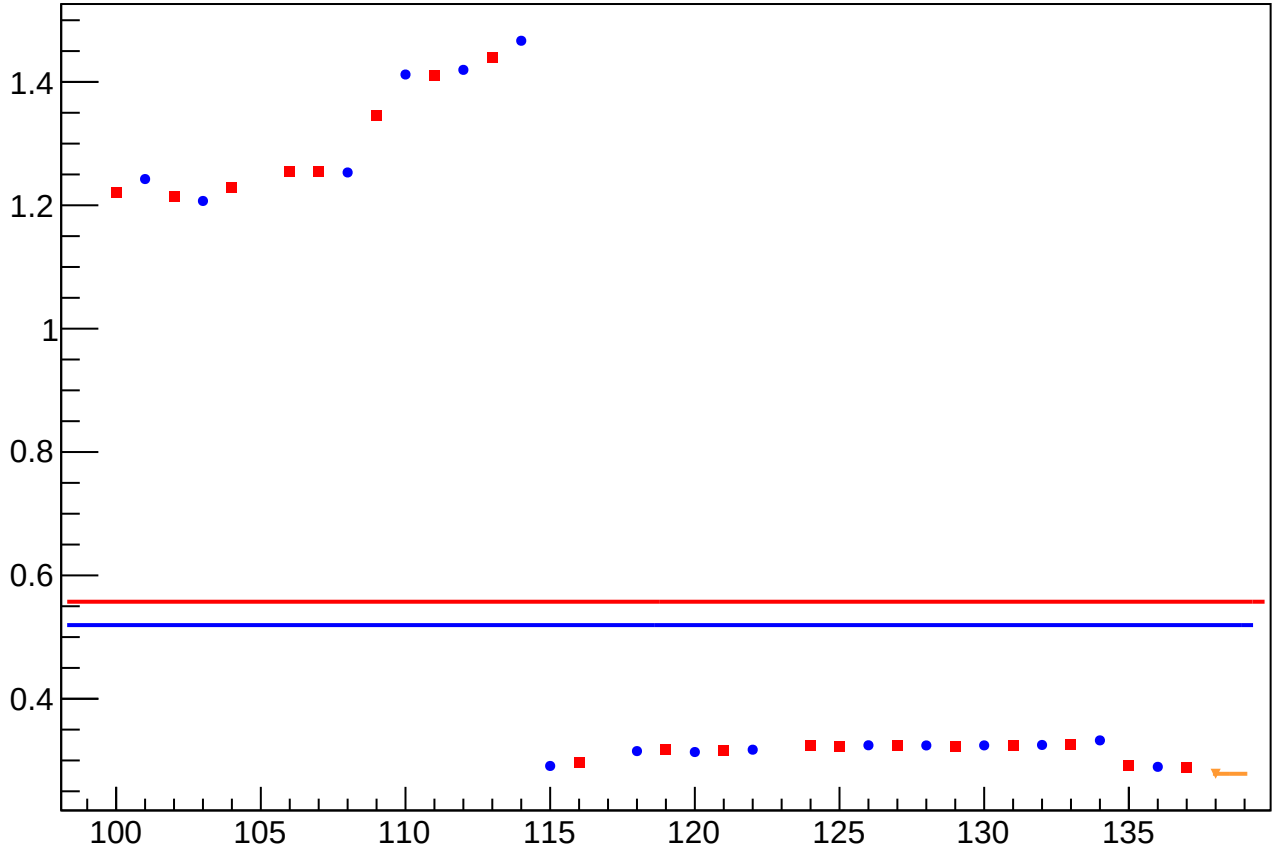
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.000 χ^2/NDF: 1527676.7/16

All: 0.019+/-0.000 χ^2/NDF: 3087983.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 0.519+/-0.000 χ^2/NDF: 6319132275.3/15

Left Out: 0.278+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.557+/-0.000 χ^2/NDF: 6746144835.5/18

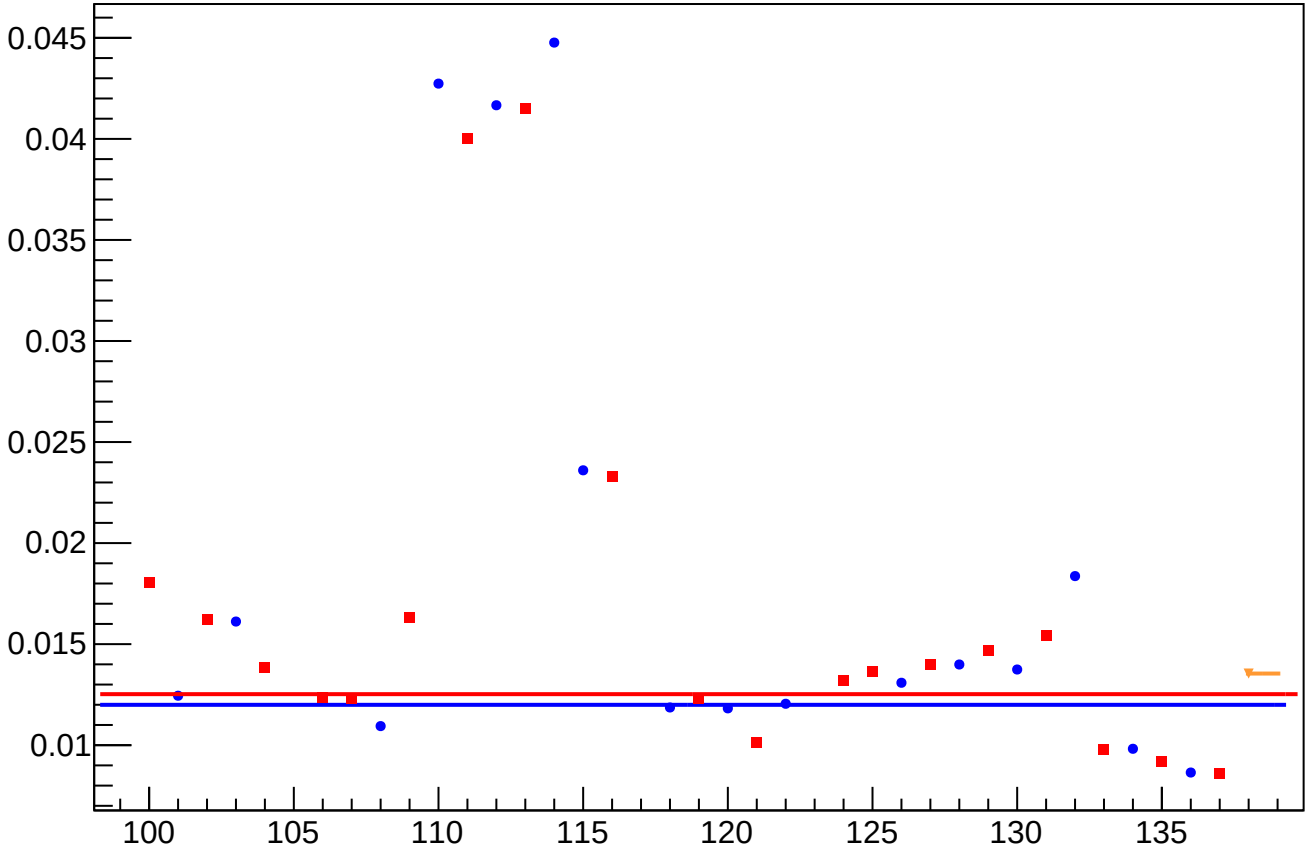
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.498+/-0.000 χ^2/NDF: 6534245775.3/16

All: 0.525+/-0.000 χ^2/NDF: 13354627538.7/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1491608.2/15

Left Out: 0.014+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF: 1434210.5/18

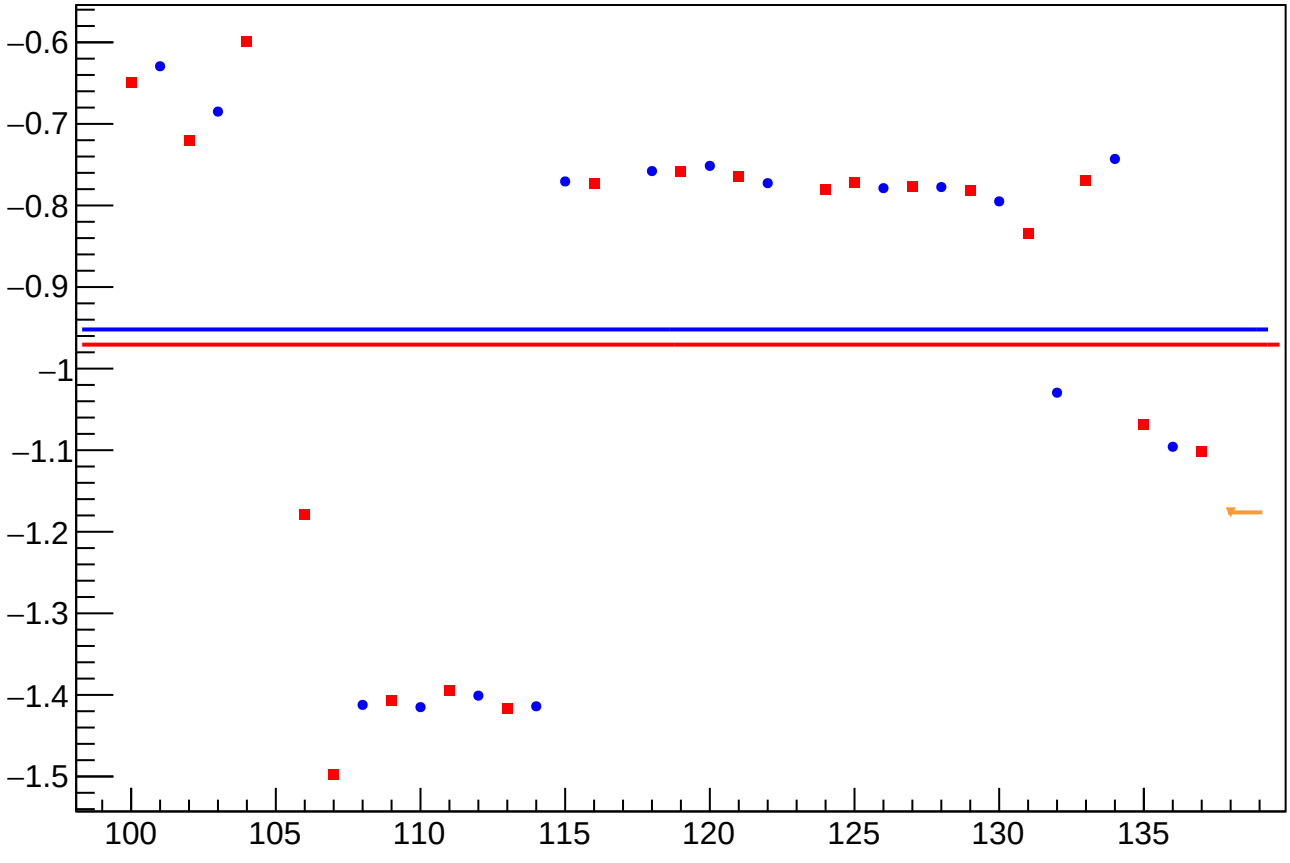
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 1509339.1/16

All: 0.012+/-0.000 χ^2/NDF: 2949931.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -0.952+/-0.000 χ^2/NDF: 699468857.6/15

Left Out: -1.176+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.971+/-0.000 χ^2/NDF: 714505458.0/18

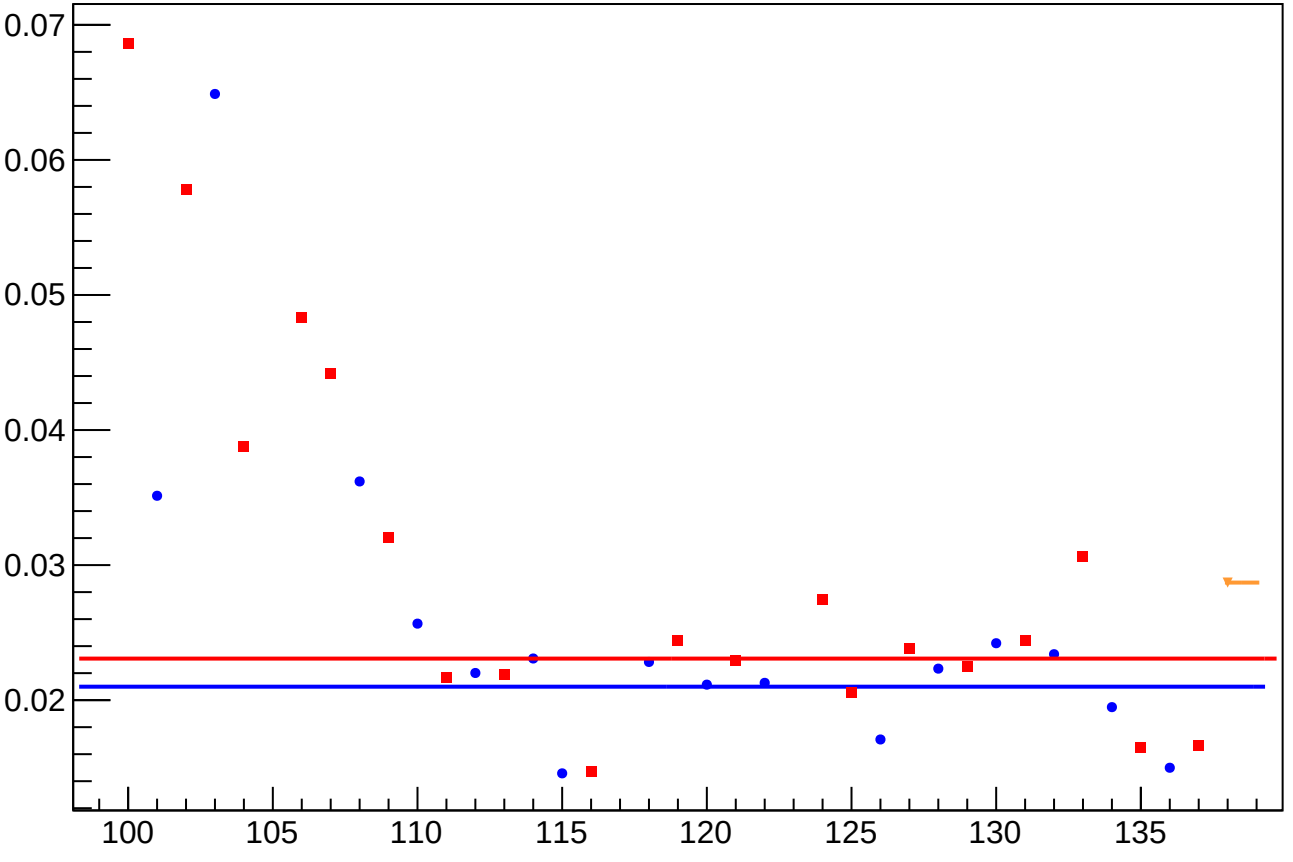
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.966+/-0.000 χ^2/NDF: 736554456.2/16

All: -0.968+/-0.000 χ^2/NDF: 1451201399.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.021+/-0.000 χ^2/NDF: 1166992.9/15

Left Out: 0.029+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF: 1281311.4/18

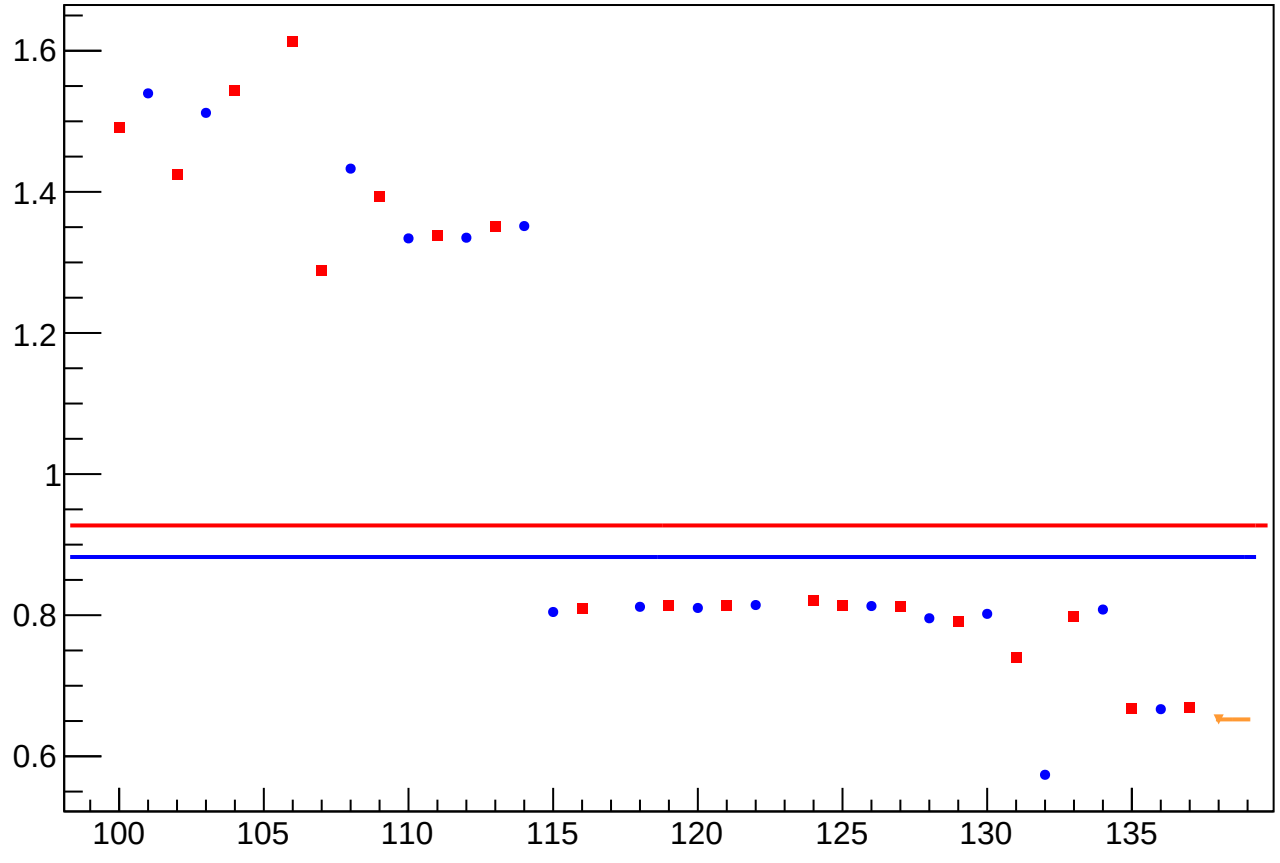
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.021+/-0.000 χ^2/NDF: 1254631.9/16

All: 0.022+/-0.000 χ^2/NDF: 2565942.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 0.882+/-0.000 χ^2/NDF: 2784156746.4/15

Left Out: 0.652+/-0.000 χ^2/NDF:0.0/0

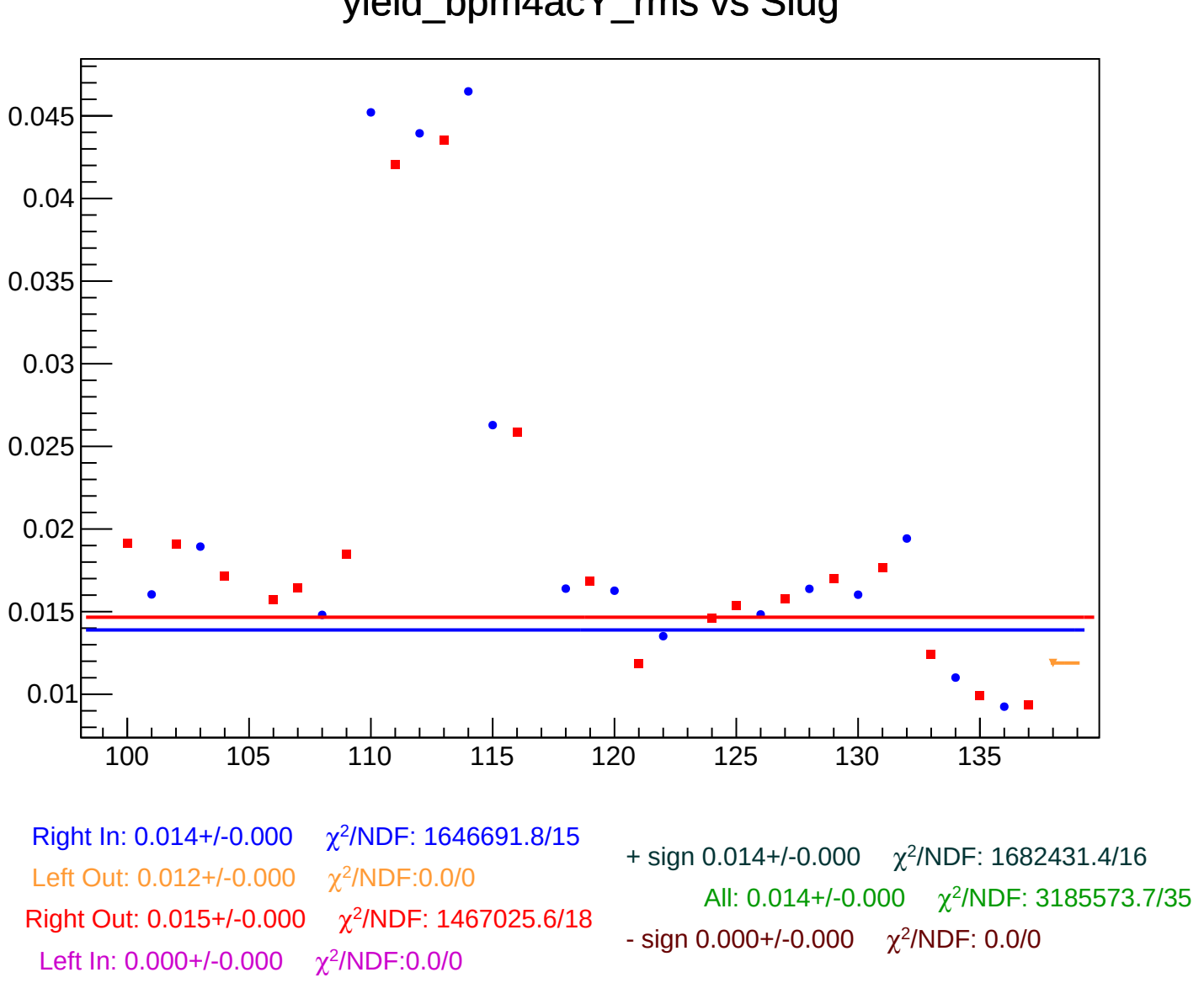
Right Out: 0.927+/-0.000 χ^2/NDF: 2762998321.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

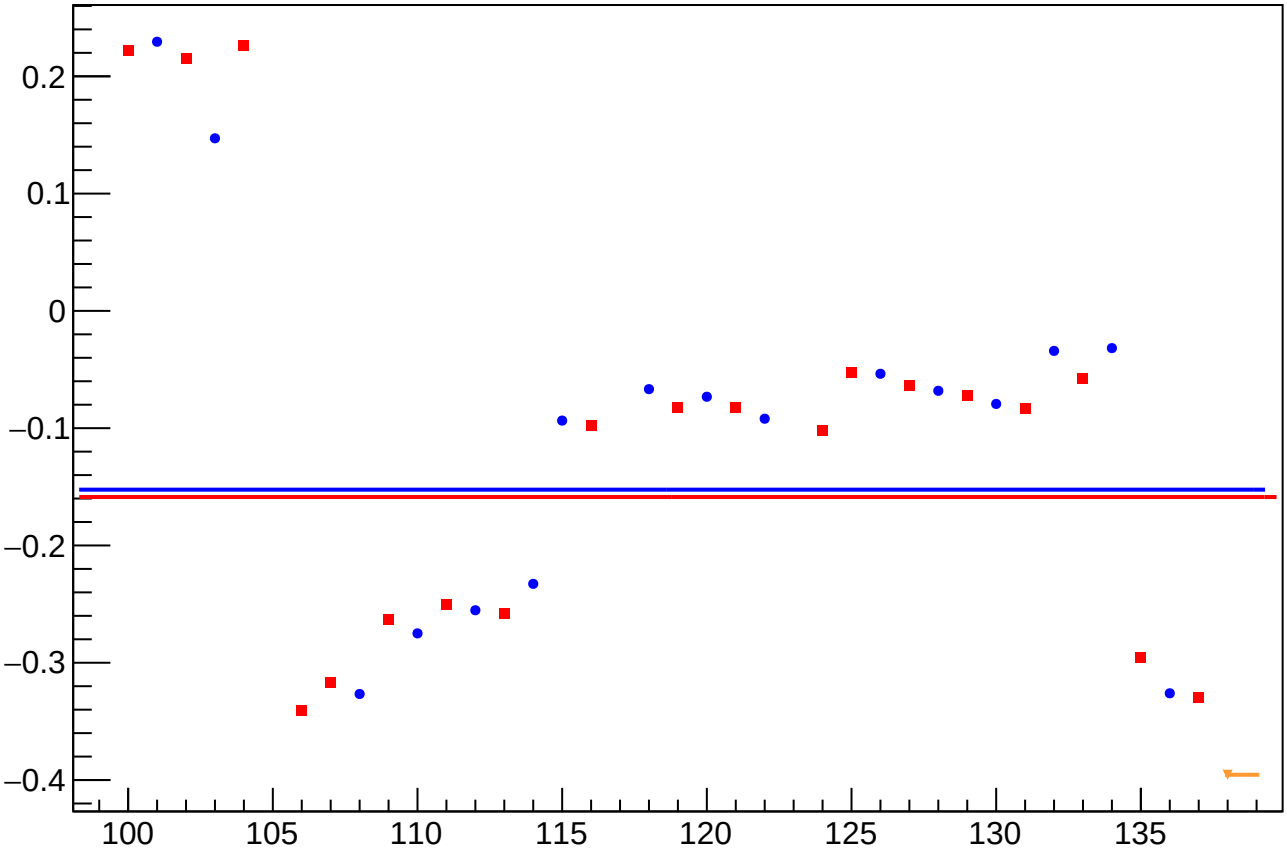
+ sign 0.849+/-0.000 χ^2/NDF: 3021047282.6/16

All: 0.884+/-0.000 χ^2/NDF: 5882024537.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm4acY_rms vs Slug
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
100
105
110
115
120
125
130
135
Right In: 0.014+/-0.000 χ²/NDF: 1646691.8/15
Left Out: 0.012+/-0.000 χ²/NDF:0.0/0
Right Out: 0.015+/-0.000 χ²/NDF: 1467025.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.014+/-0.000 χ²/NDF: 1682431.4/16
All: 0.014+/-0.000 χ²/NDF: 3185573.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: -0.152+/-0.000 χ^2/NDF: 274261842.6/15

Left Out: -0.395+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.159+/-0.000 χ^2/NDF: 195614120.0/18

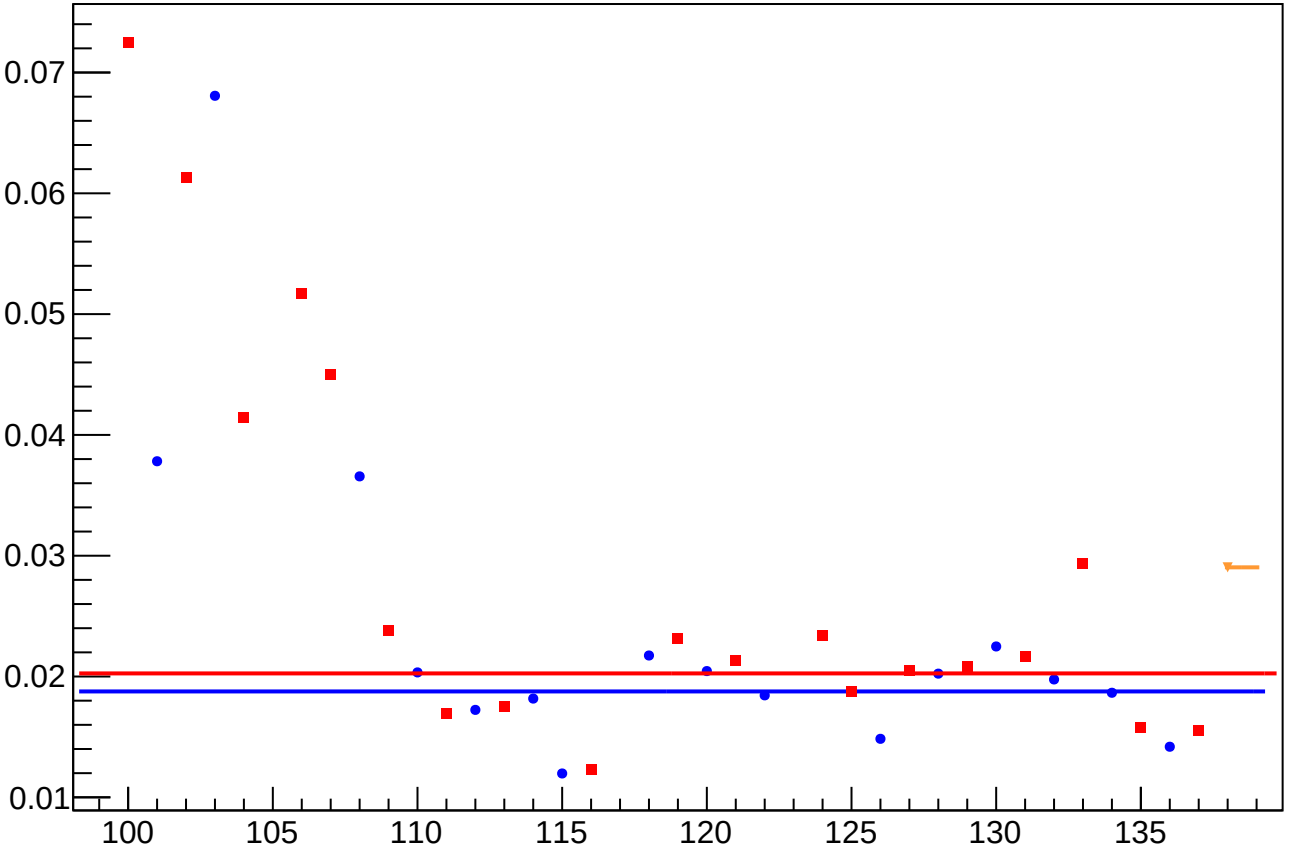
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.165+/-0.000 χ^2/NDF: 319304323.5/16

All: -0.162+/-0.000 χ^2/NDF: 515184514.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF: 1349412.3/15

Left Out: 0.029+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF: 1529624.9/18

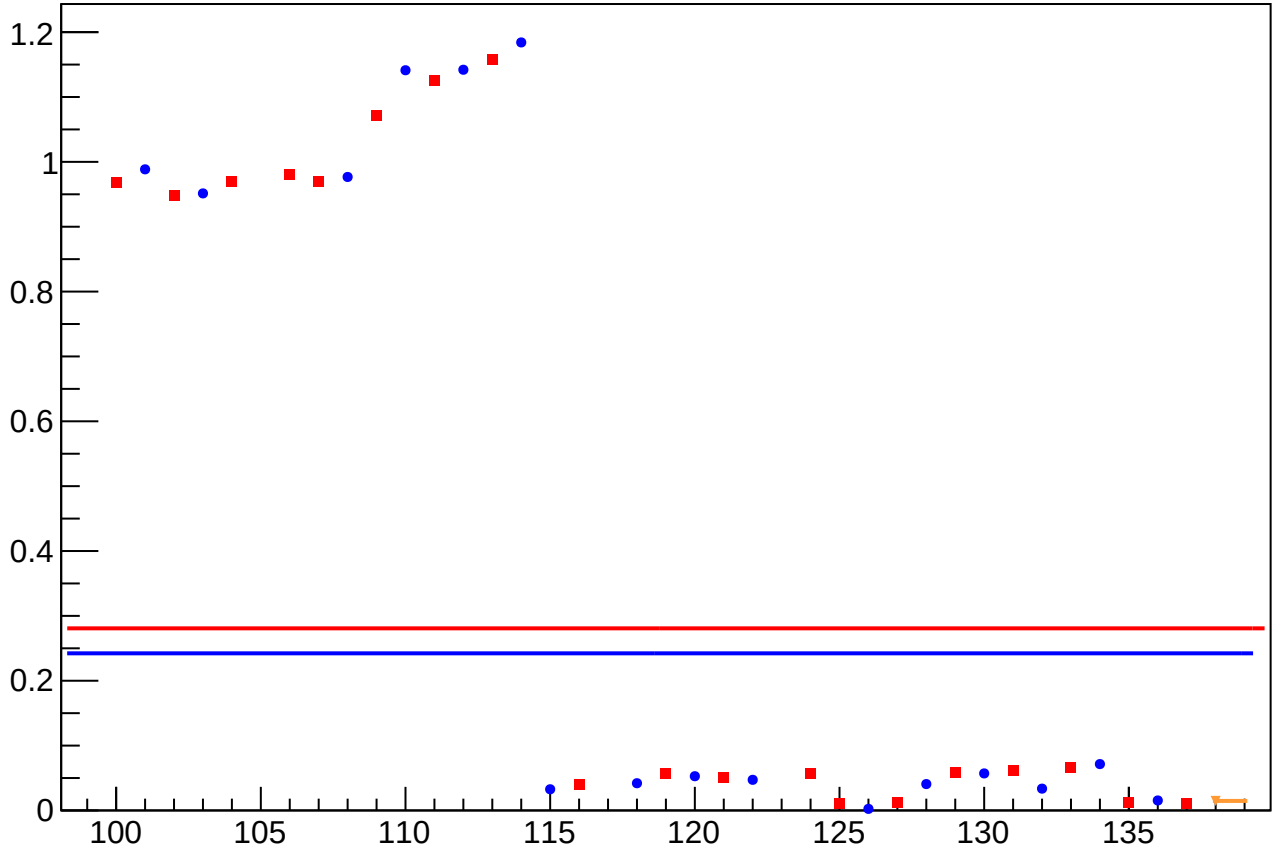
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.000 χ^2/NDF: 1510306.7/16

All: 0.020+/-0.000 χ^2/NDF: 3053500.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.242+/-0.000 χ^2/NDF: 6507444426.7/15

Left Out: 0.015+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.281+/-0.000 χ^2/NDF: 6757631639.3/18

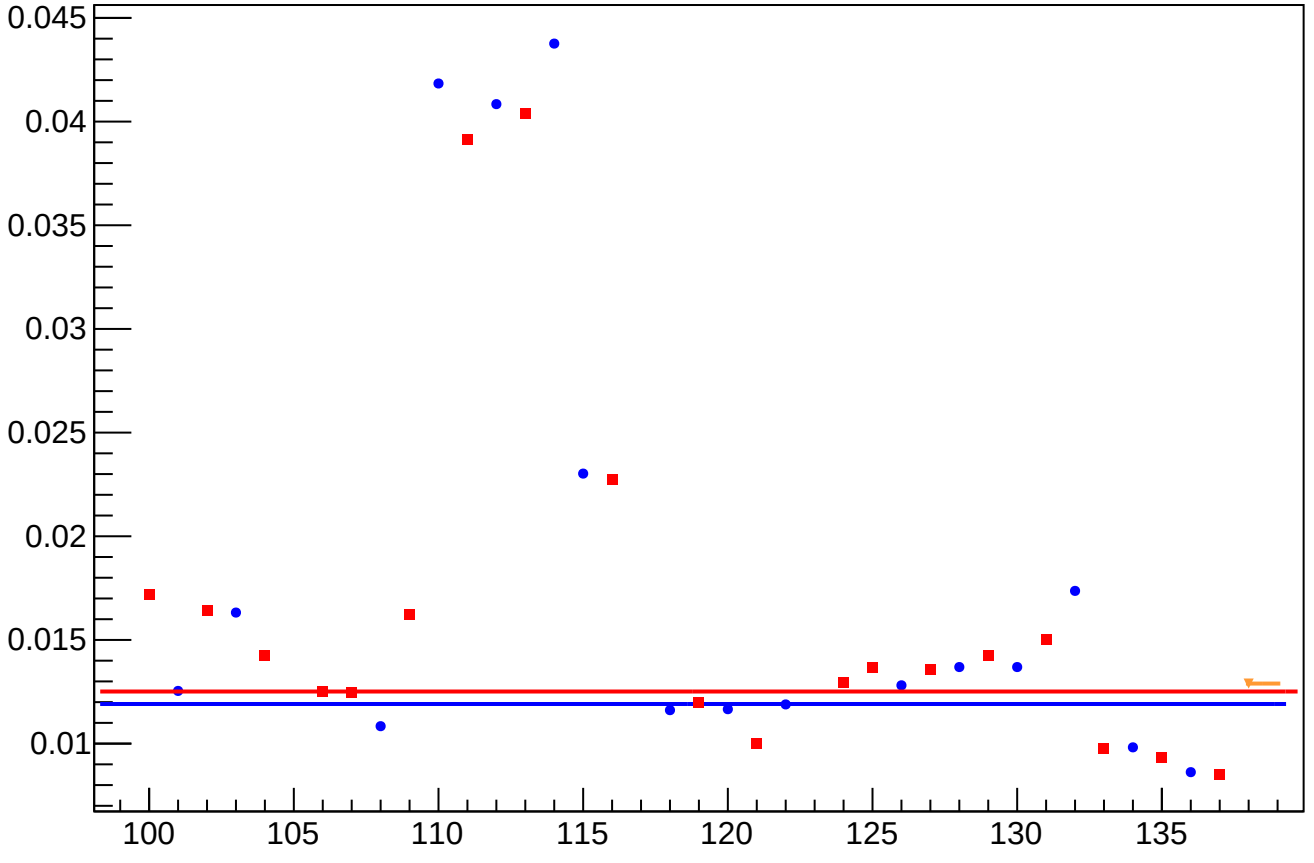
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.220+/-0.000 χ^2/NDF: 6716973169.9/16

All: 0.248+/-0.000 χ^2/NDF: 13552194287.1/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm4ecY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1459428.8/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

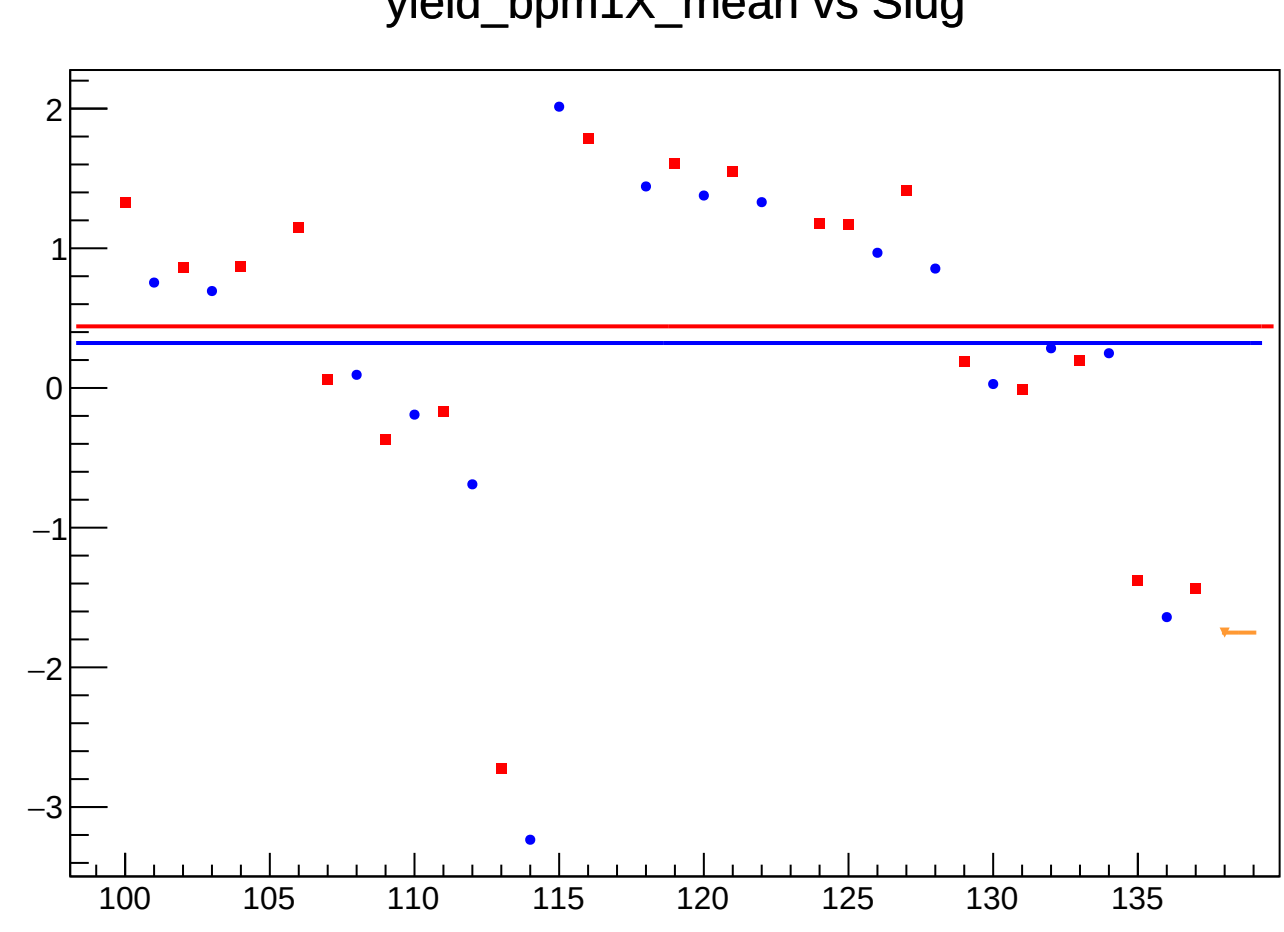
Right Out: 0.013+/-0.000 χ^2/NDF: 1392455.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 1467292.1/16

All: 0.012+/-0.000 χ^2/NDF: 2870714.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.322+/-0.000 χ^2/NDF: 1664983742.5/15

Left Out: -1.751+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.441+/-0.000 χ^2/NDF: 1796703168.4/18

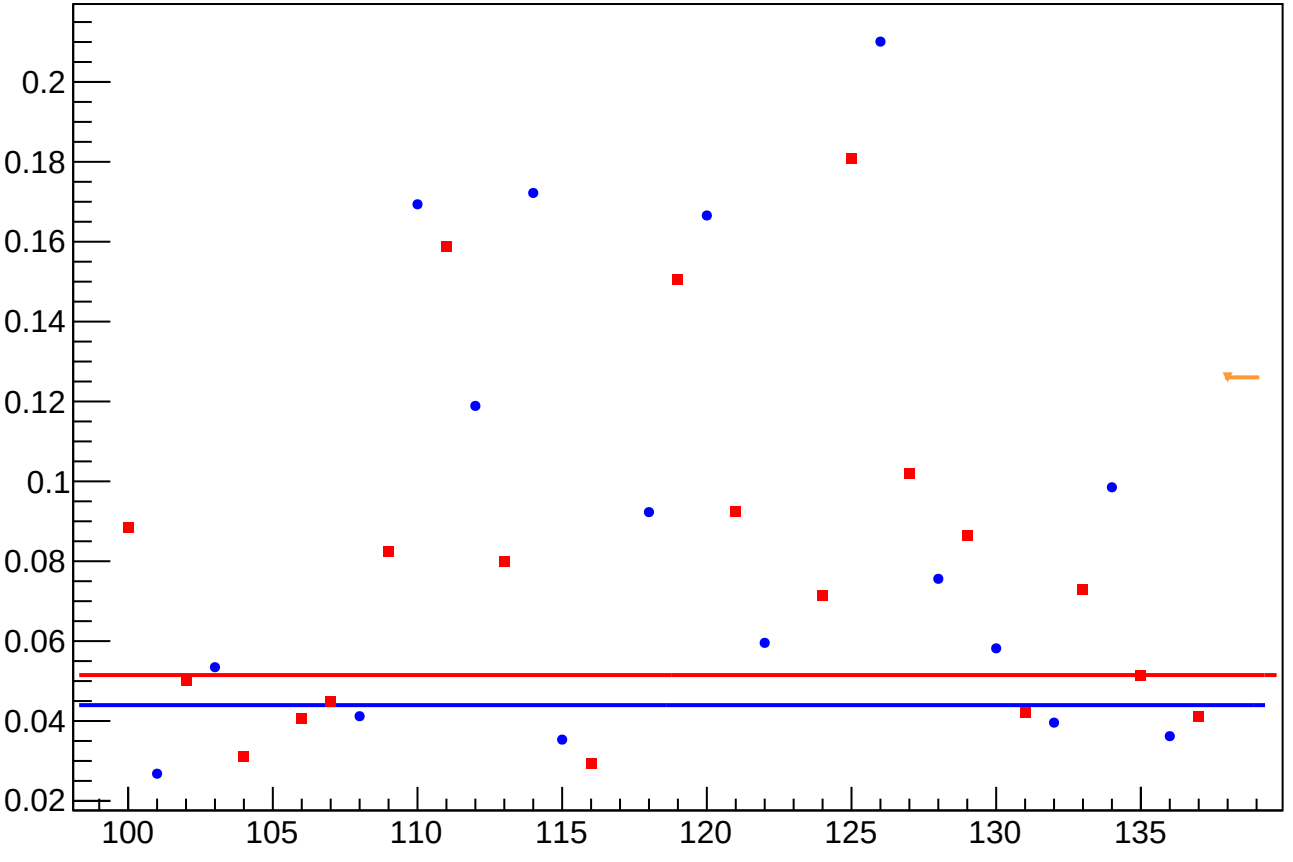
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.280+/-0.000 χ^2/NDF: 1838301306.8/16

All: 0.352+/-0.000 χ^2/NDF: 3658644853.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.044+/-0.000 χ^2/NDF: 2787474.8/15

Left Out: 0.126+/-0.000 χ^2/NDF:0.0/0

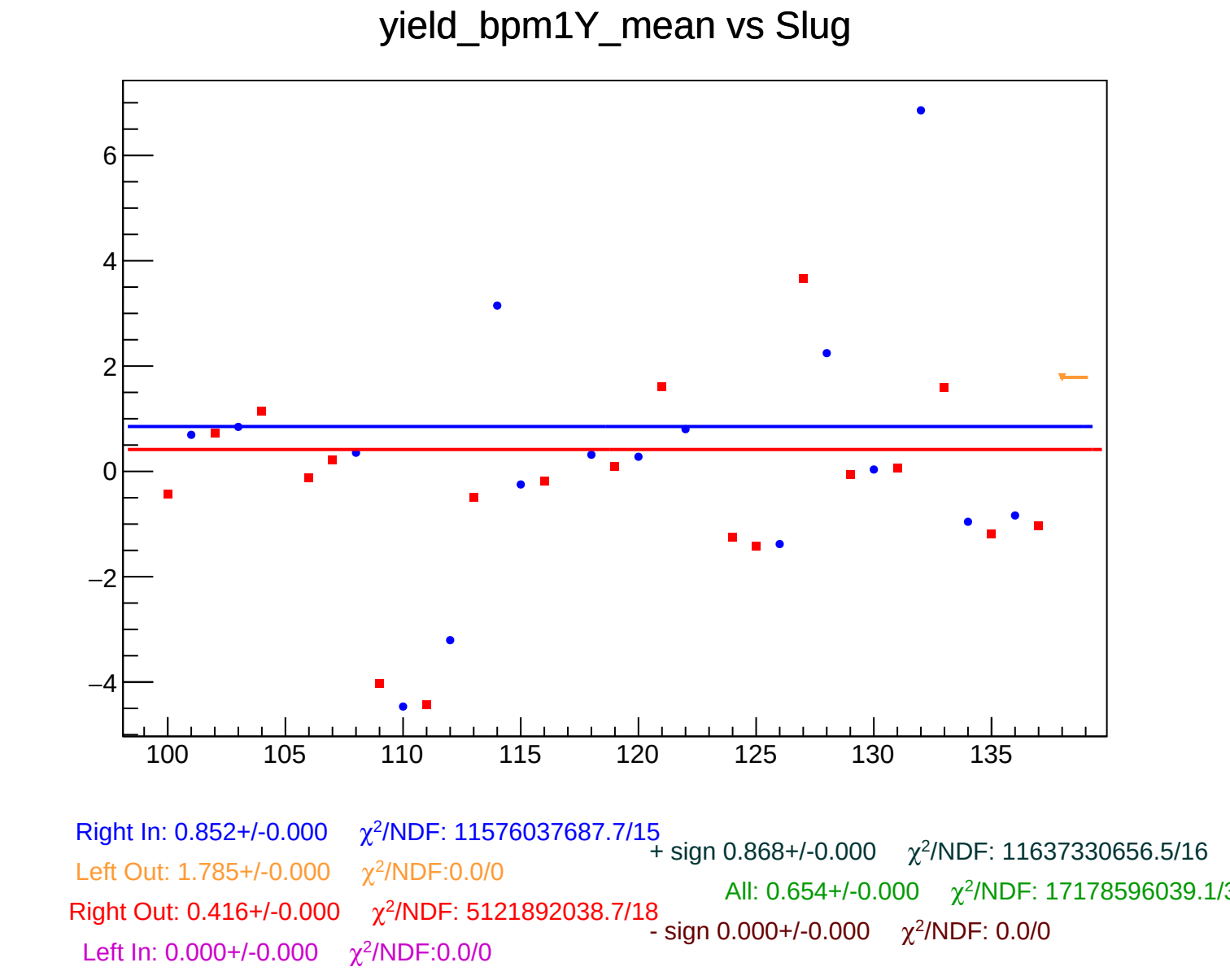
Right Out: 0.052+/-0.000 χ^2/NDF: 2367478.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

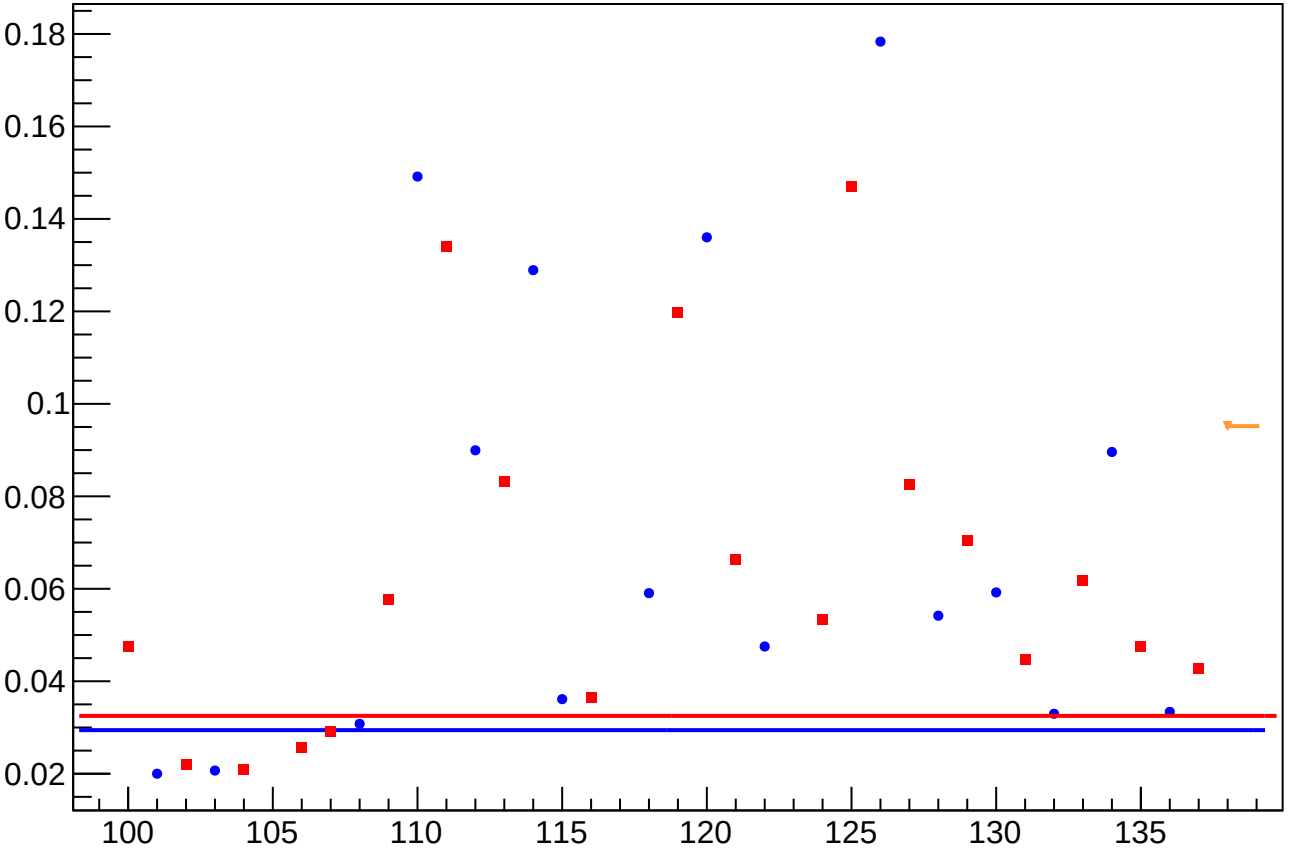
+ sign 0.046+/-0.000 χ^2/NDF: 3330635.9/16

All: 0.048+/-0.000 χ^2/NDF: 5760566.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm1Y_mean vs Slug
6
4
2
0
−2
−4
100
105
110
115
120
125
130
135
Right In: 0.852+/-0.000 χ²/NDF: 11576037687.7/15
Left Out: 1.785+/-0.000 χ²/NDF:0.0/0
Right Out: 0.416+/-0.000 χ²/NDF: 5121892038.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.868+/-0.000 χ²/NDF: 11637330656.5/16
All: 0.654+/-0.000 χ²/NDF: 17178596039.1/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF: 3192424.8/15

Left Out: 0.095+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF: 3315430.7/18

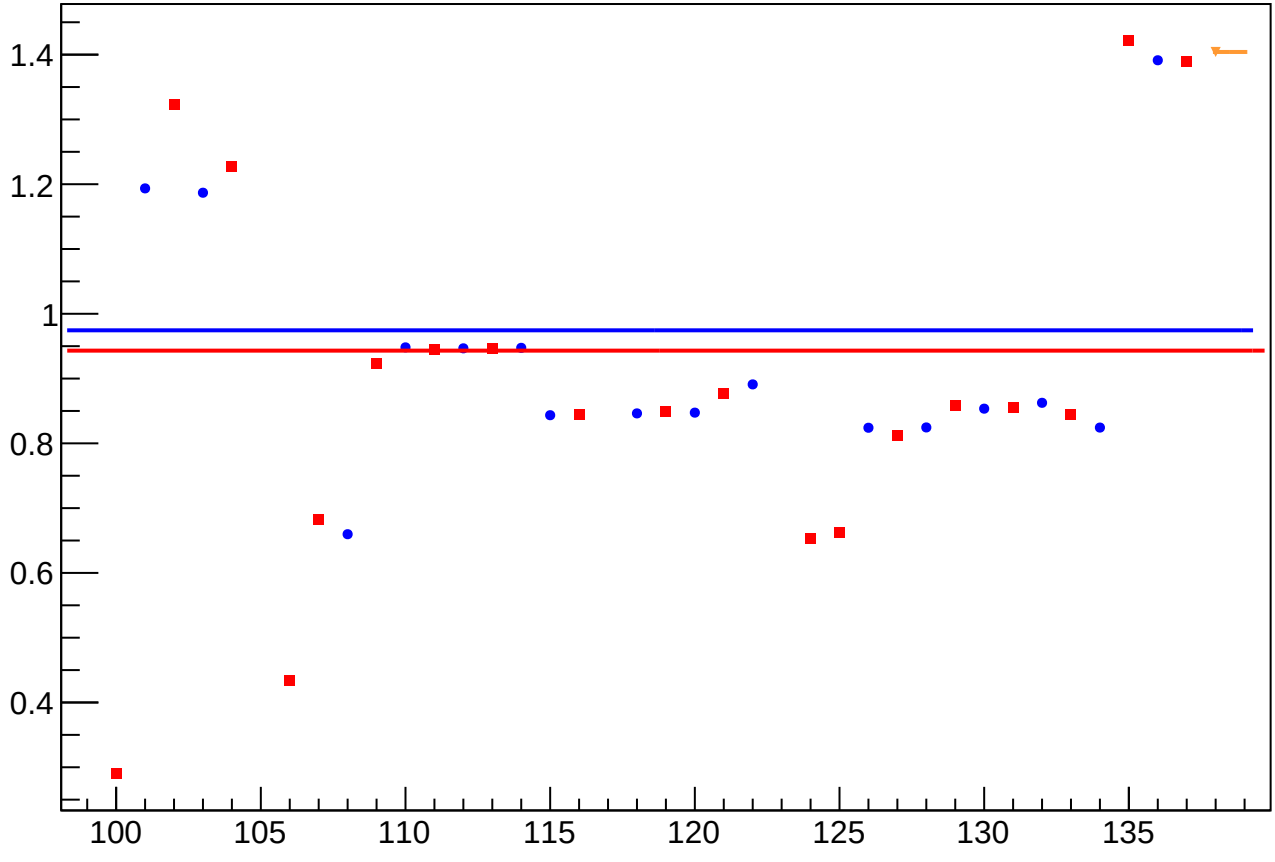
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.031+/-0.000 χ^2/NDF: 3801270.9/16

All: 0.031+/-0.000 χ^2/NDF: 7133123.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.974+/-0.000 χ^2/NDF: 1458735246.5/15

Left Out: 1.404+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.943+/-0.000 χ^2/NDF: 1670579900.3/18

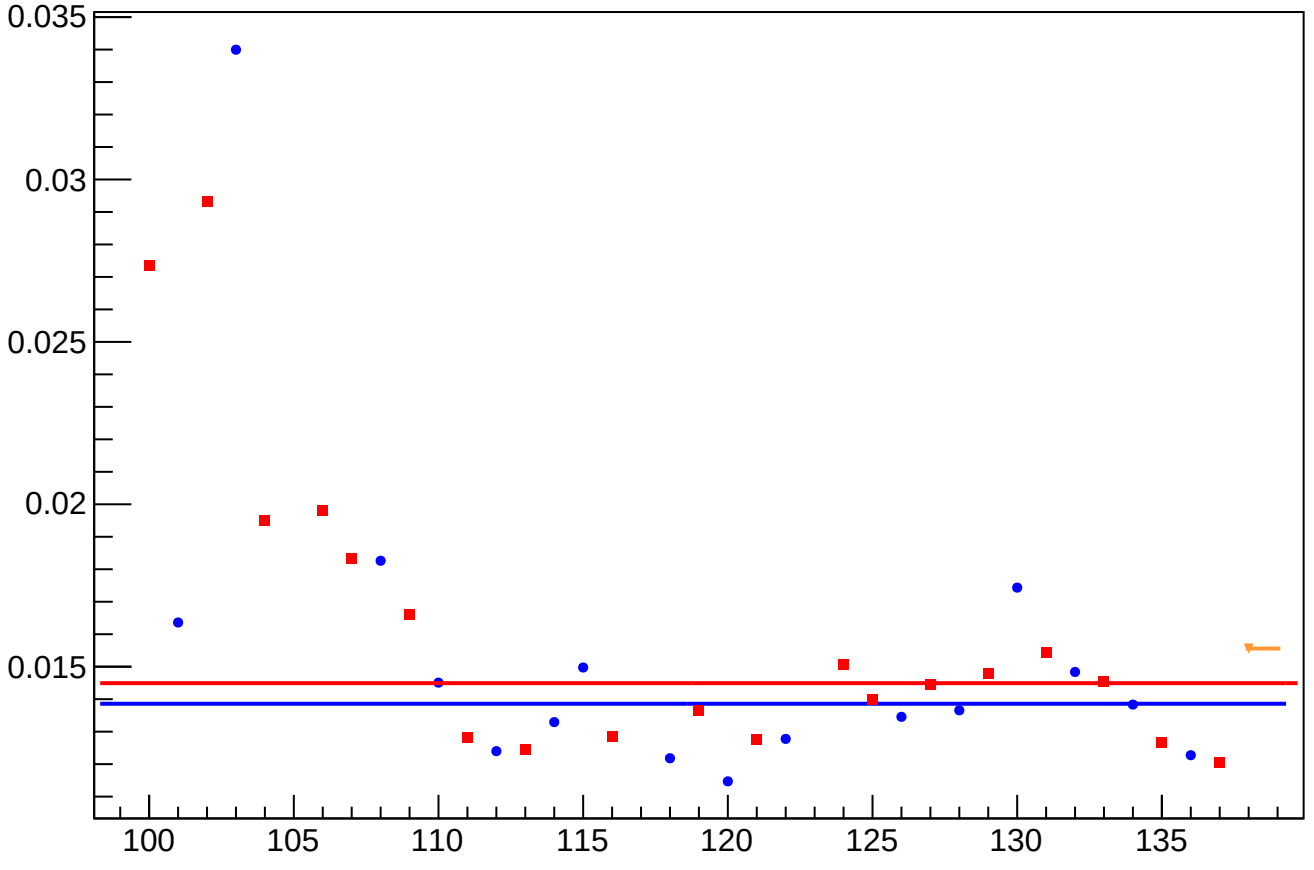
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.007+/-0.000 χ^2/NDF: 1904979387.0/16

All: 0.977+/-0.000 χ^2/NDF: 3641178074.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 599979.5/15

Left Out: 0.016+/-0.000 χ^2/NDF:0.0/0

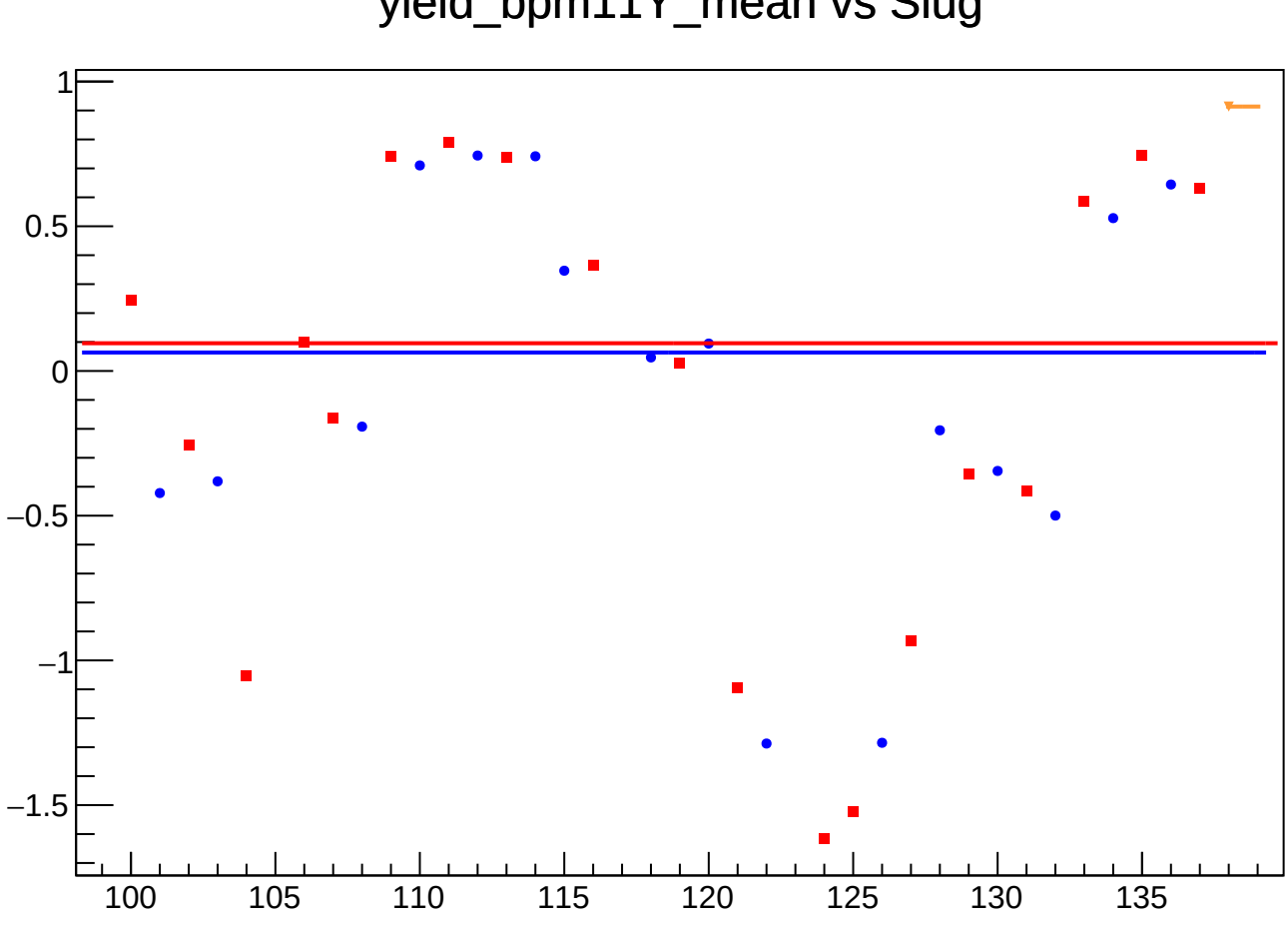
Right Out: 0.014+/-0.000 χ^2/NDF: 544337.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.000 χ^2/NDF: 613958.1/16

All: 0.014+/-0.000 χ^2/NDF: 1166672.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.064+/-0.000 χ^2/NDF: 11035911379.4/15

Left Out: 0.914+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.096+/-0.000 χ^2/NDF: 17784850774.3/18

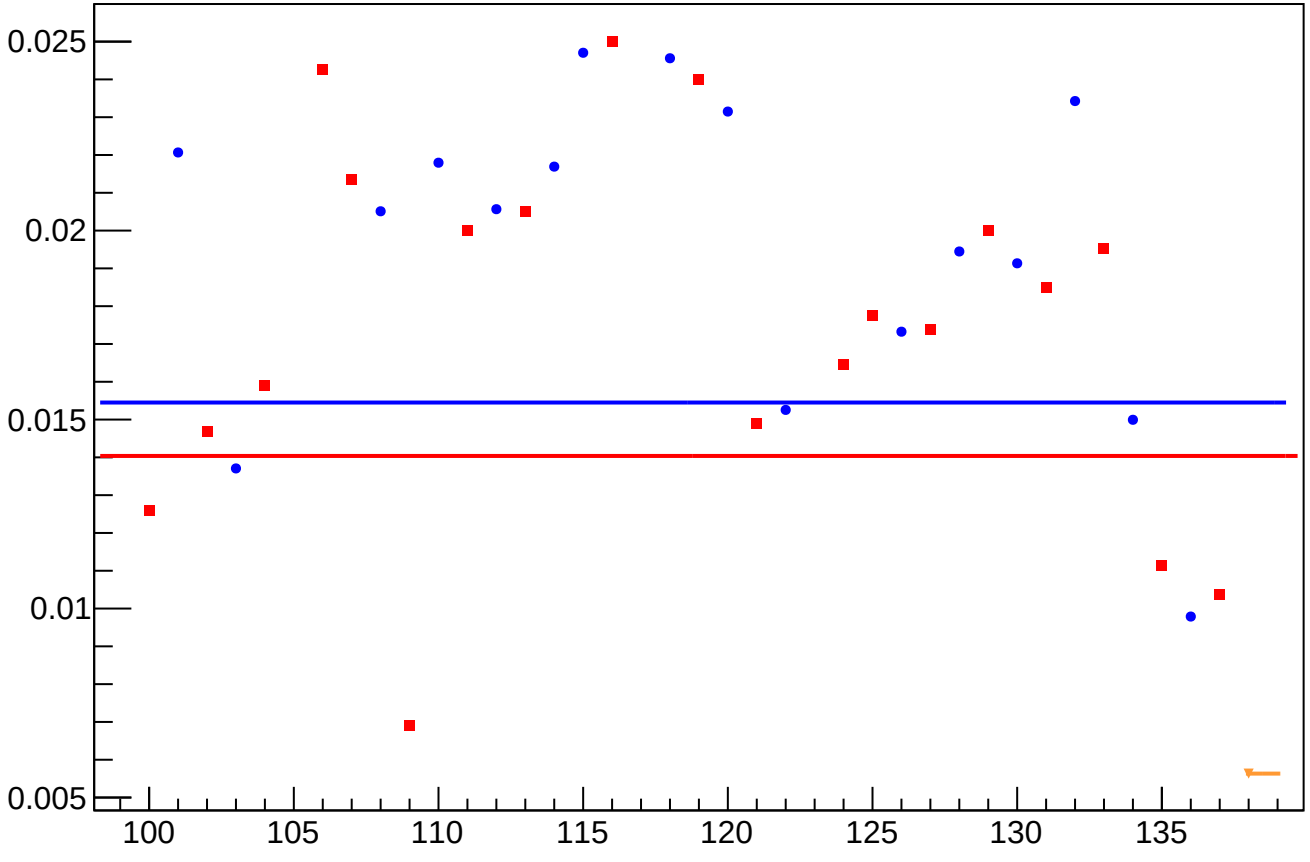
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.433+/-0.000 χ^2/NDF: 18920750850.6/16

All: 0.297+/-0.000 χ^2/NDF: 38730805560.7/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF: 1293711.1/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

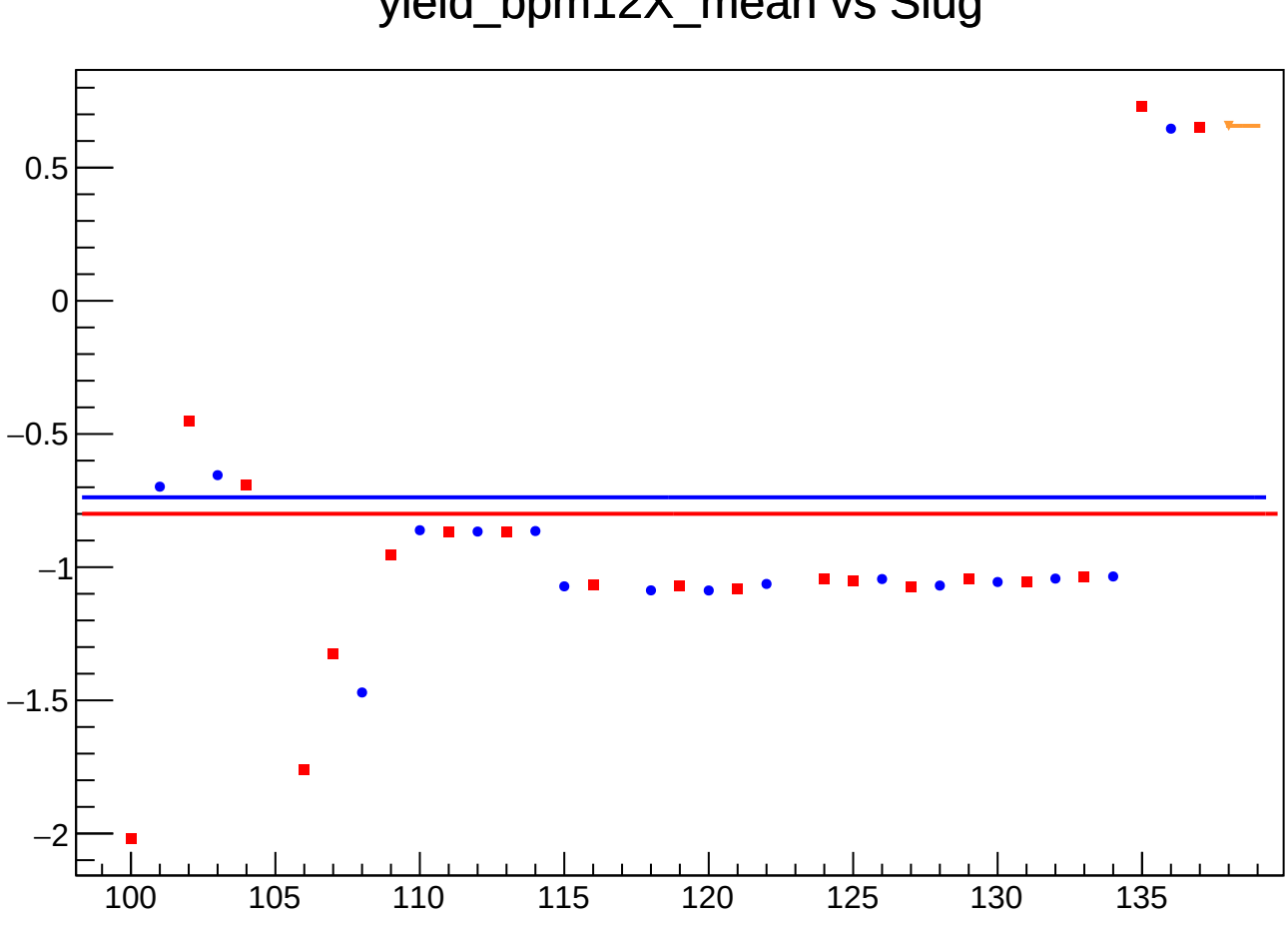
Right Out: 0.014+/-0.000 χ^2/NDF: 1686554.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.000 χ^2/NDF: 3399111.5/16

All: 0.012+/-0.000 χ^2/NDF: 5375182.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.738+/-0.000 χ^2/NDF: 2072845802.4/15

Left Out: 0.657+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.800+/-0.000 χ^2/NDF: 1883862445.0/18

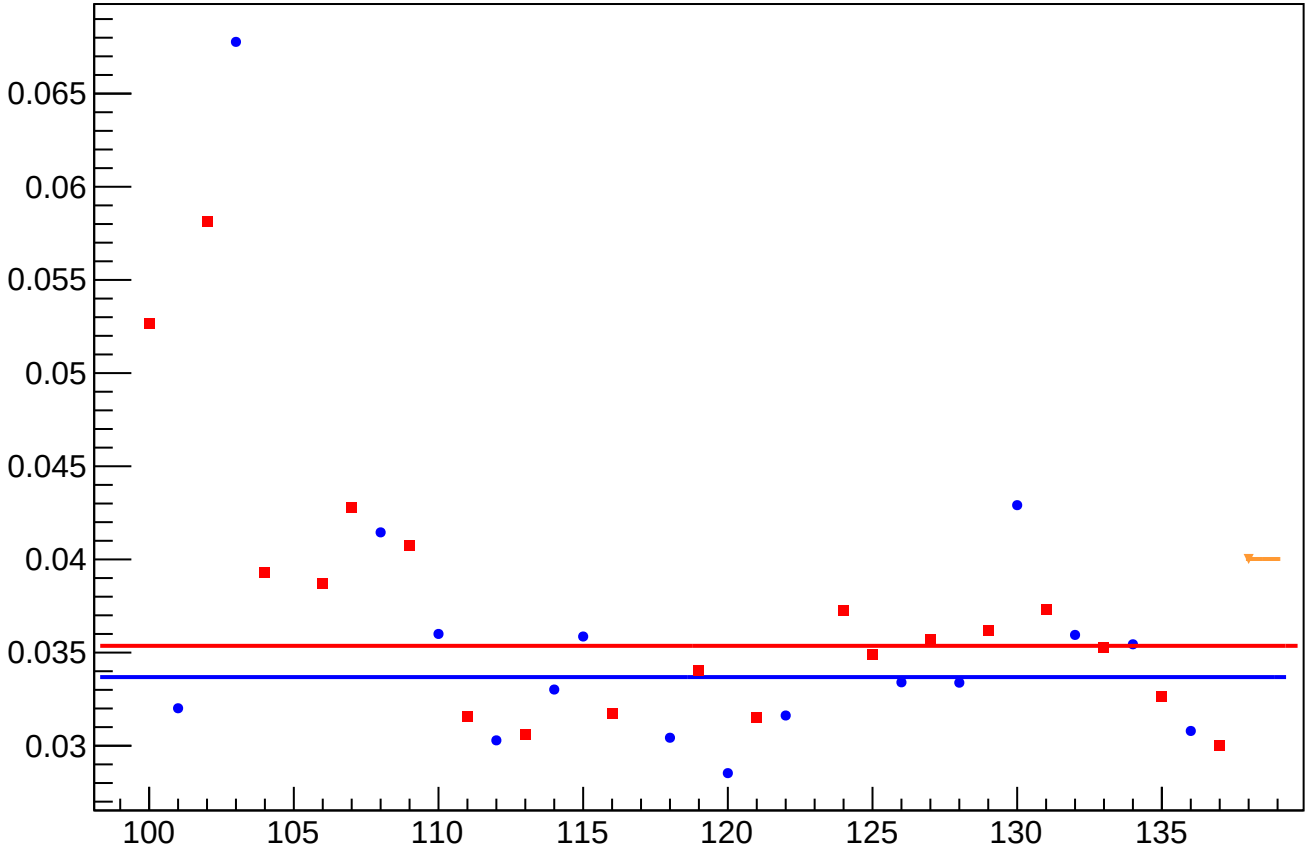
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.644+/-0.000 χ^2/NDF: 2800031400.5/16

All: -0.716+/-0.000 χ^2/NDF: 4751029699.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.034+/-0.000 χ^2/NDF: 420227.2/15

Left Out: 0.040+/-0.000 χ^2/NDF:0.0/0

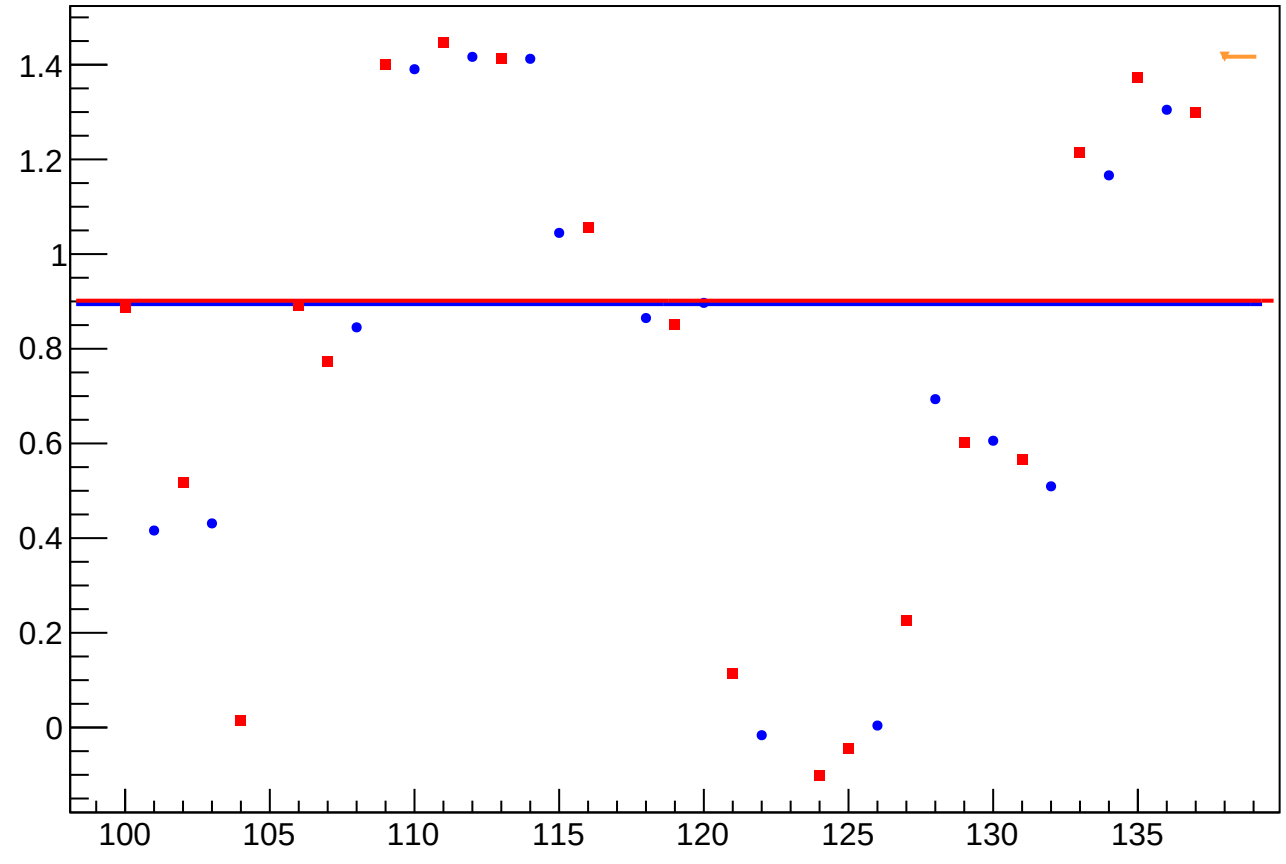
Right Out: 0.035+/-0.000 χ^2/NDF: 296353.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.034+/-0.000 χ^2/NDF: 450260.4/16

All: 0.035+/-0.000 χ^2/NDF: 755270.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.894+/-0.000 χ^2/NDF: 12749707787.6/15

Left Out: 1.417+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.902+/-0.000 χ^2/NDF: 17893051843.7/18

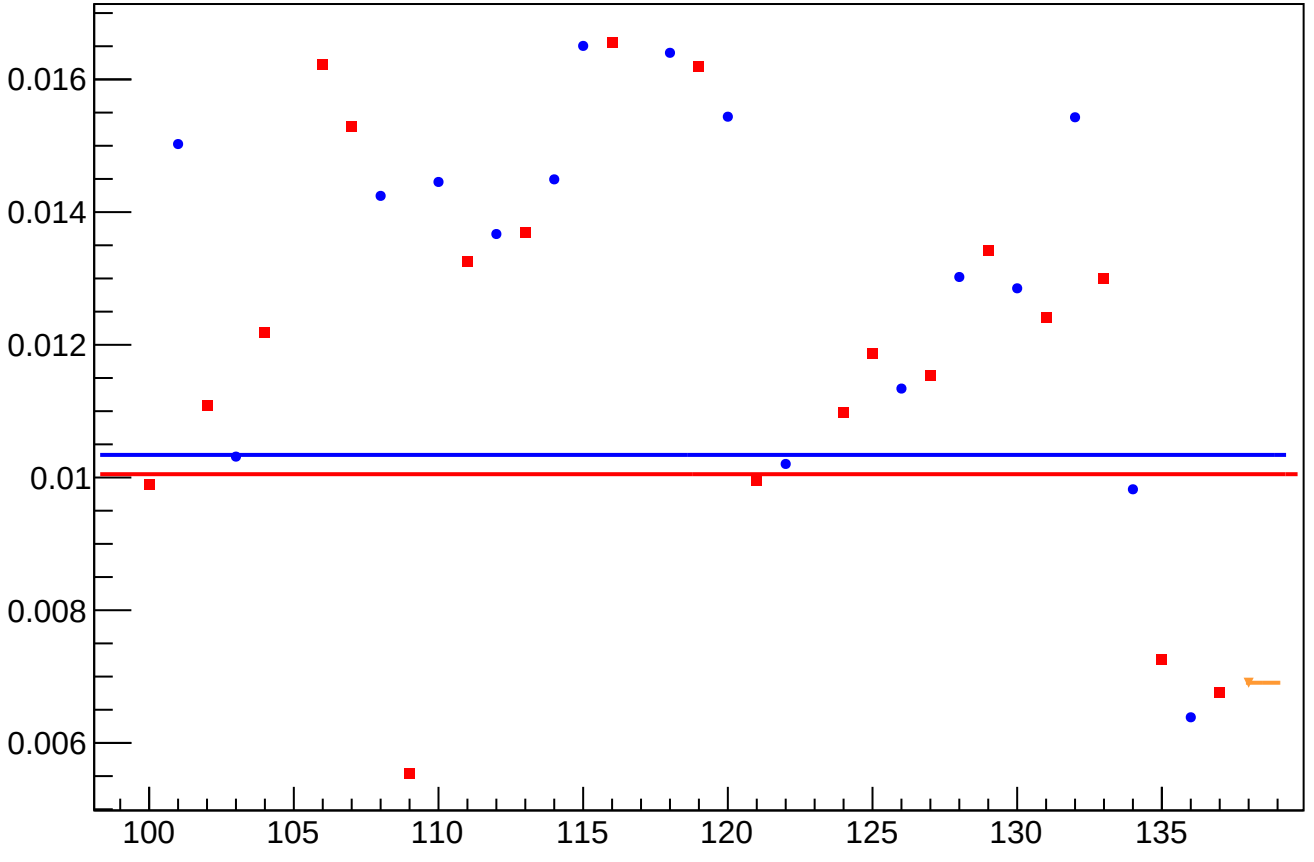
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.005+/-0.000 χ^2/NDF: 15985180451.8/16

All: 0.958+/-0.000 χ^2/NDF: 34228667864.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF: 1350446.6/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF: 1336866.7/18

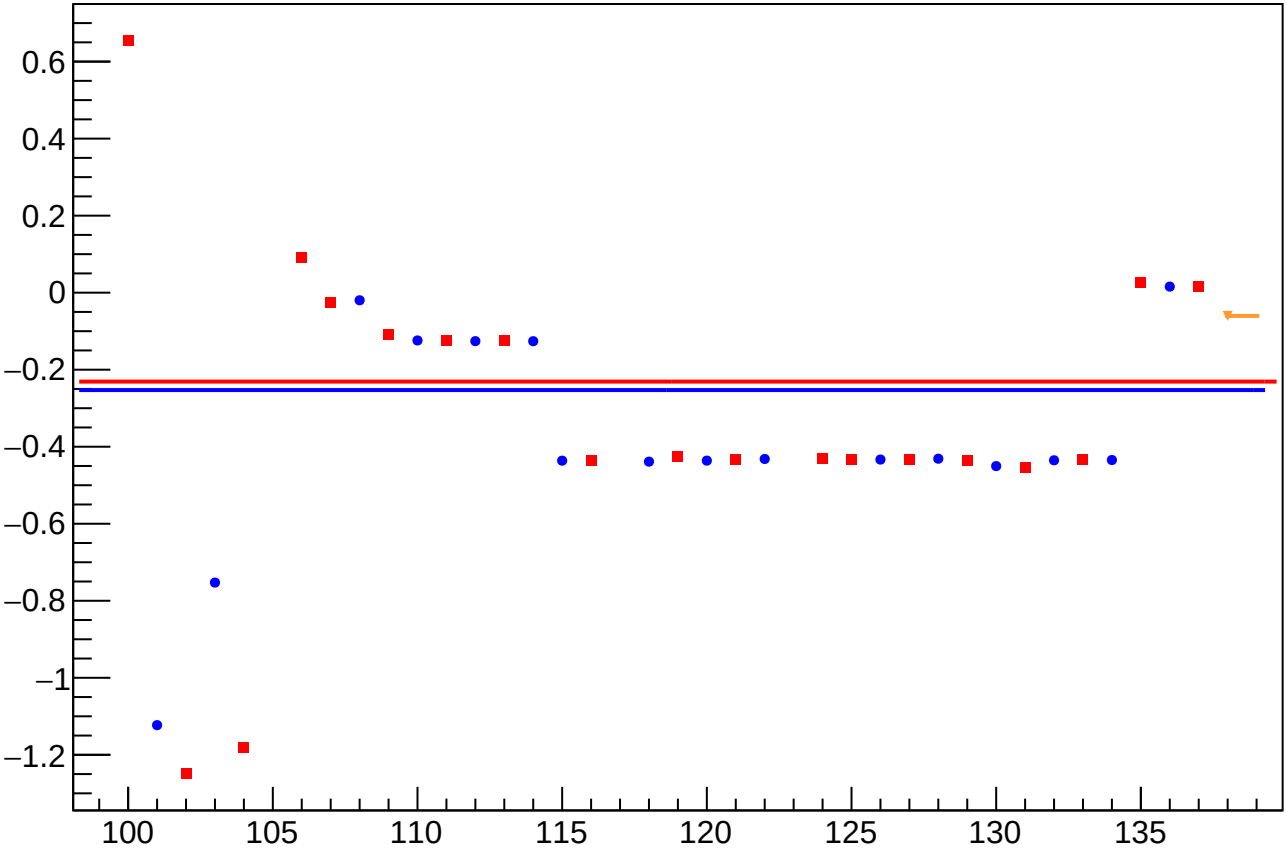
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.000 χ^2/NDF: 1629740.3/16

All: 0.010+/-0.000 χ^2/NDF: 2979127.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.253+/-0.000 χ^2/NDF: 2025242410.1/15

Left Out: -0.060+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.231+/-0.000 χ^2/NDF: 1808702536.0/18

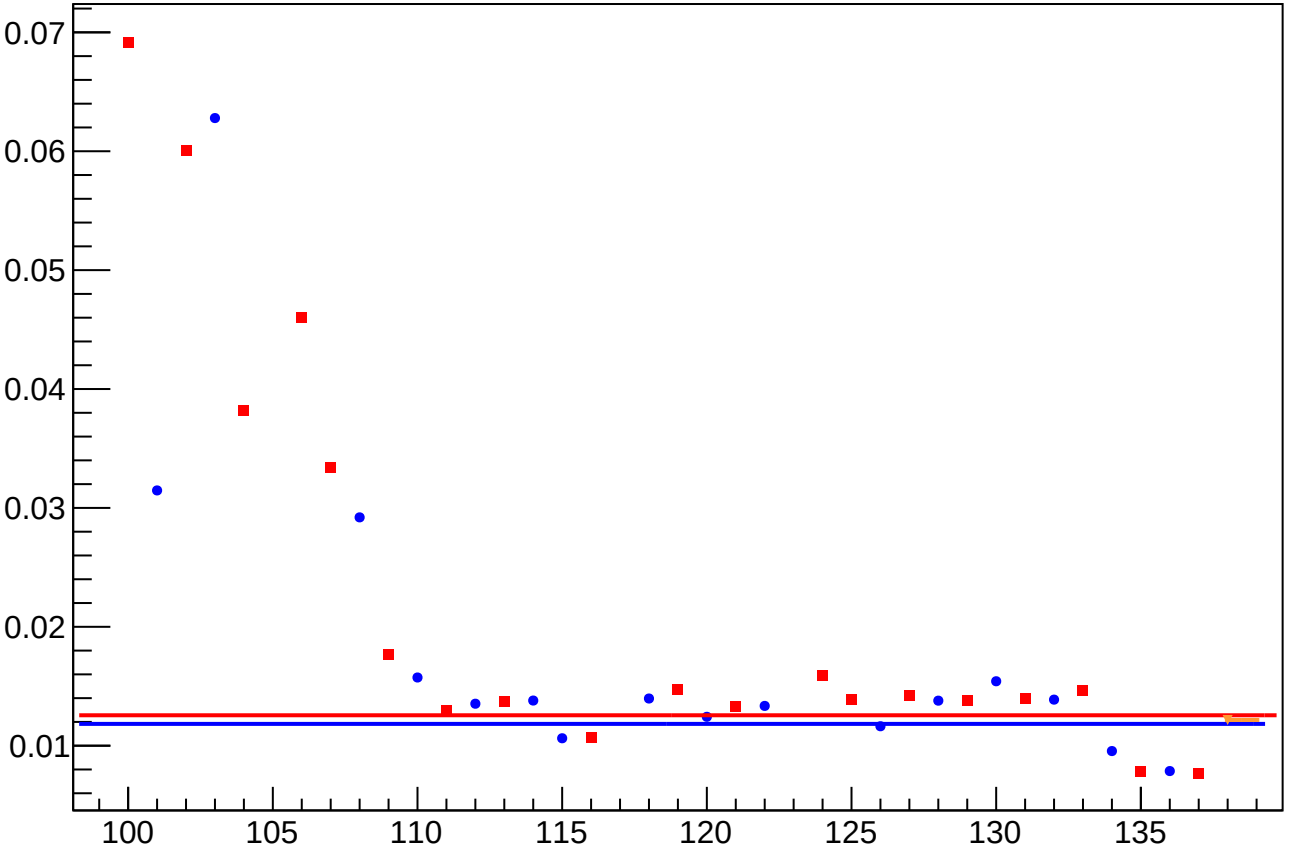
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.235+/-0.000 χ^2/NDF: 2148345086.9/16

All: -0.233+/-0.000 χ^2/NDF: 3957326663.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm16X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1942550.6/15

Left Out: 0.012+/-0.000 χ^2/NDF:0.0/0

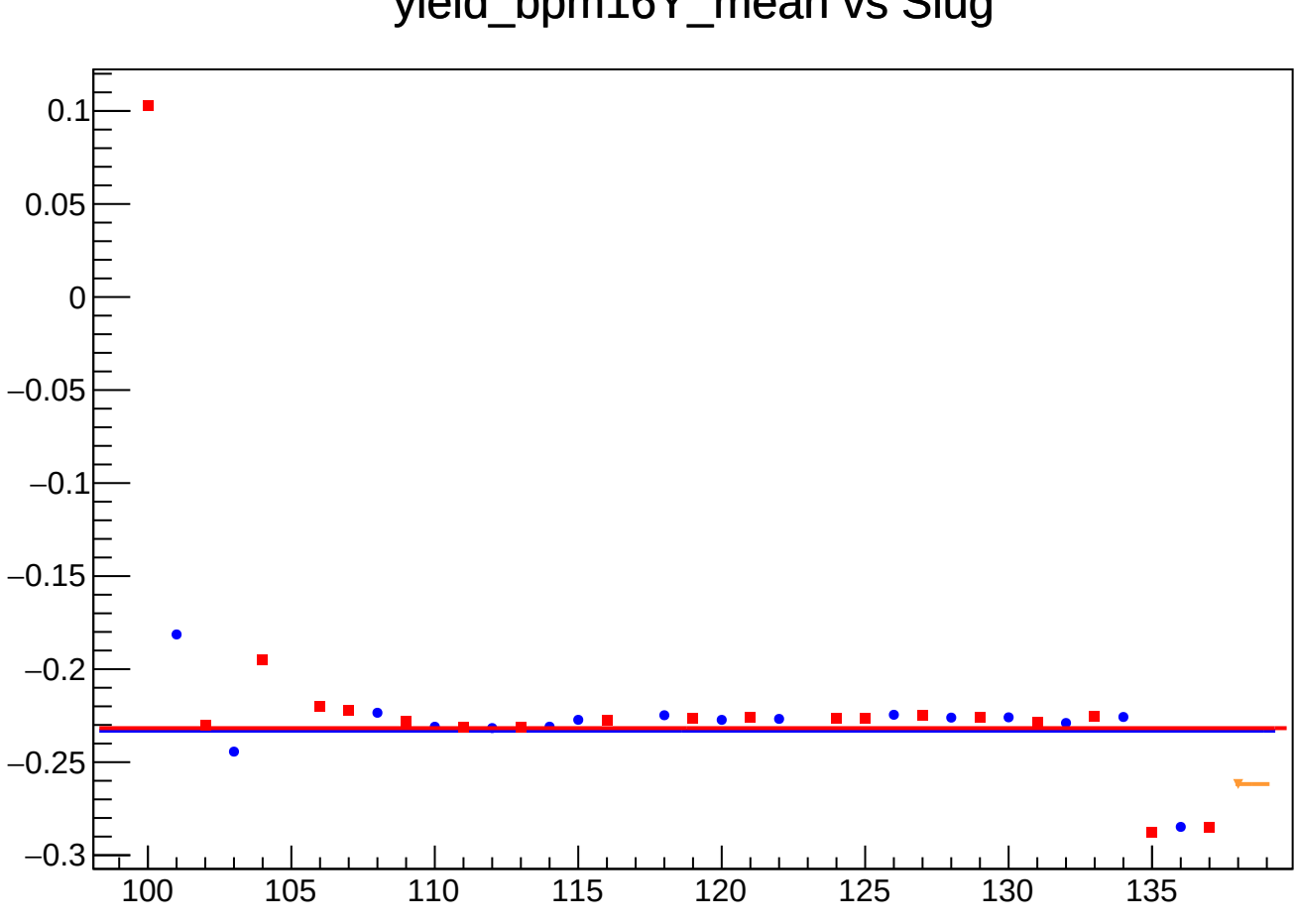
Right Out: 0.013+/-0.000 χ^2/NDF: 2217419.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 1943266.2/16

All: 0.012+/-0.000 χ^2/NDF: 4177626.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.233+/-0.000 χ^2/NDF: 199059878.3/15

Left Out: -0.262+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.232+/-0.000 χ^2/NDF: 287244778.7/18

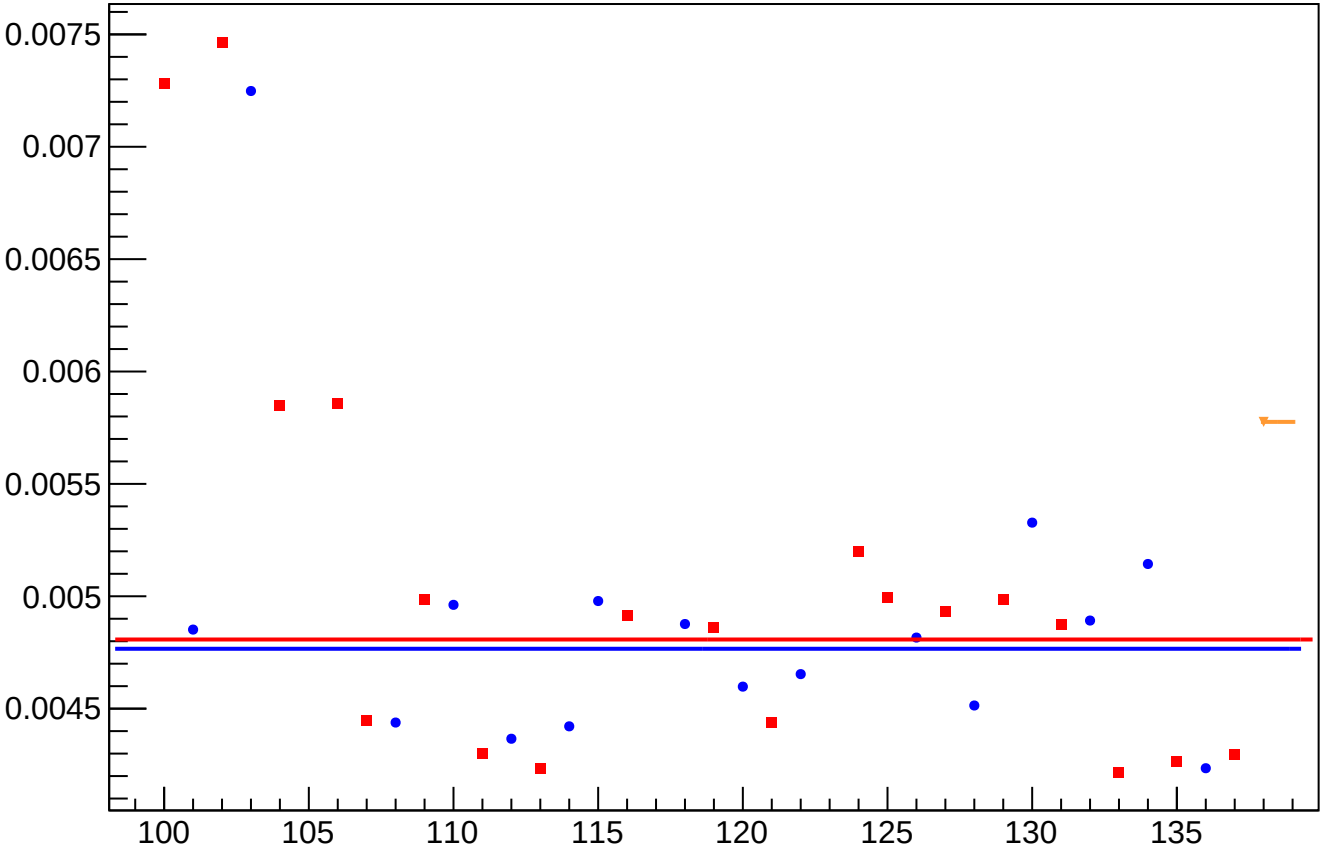
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.235+/-0.000 χ^2/NDF: 215481588.3/16

All: -0.233+/-0.000 χ^2/NDF: 504455088.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 191759.7/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

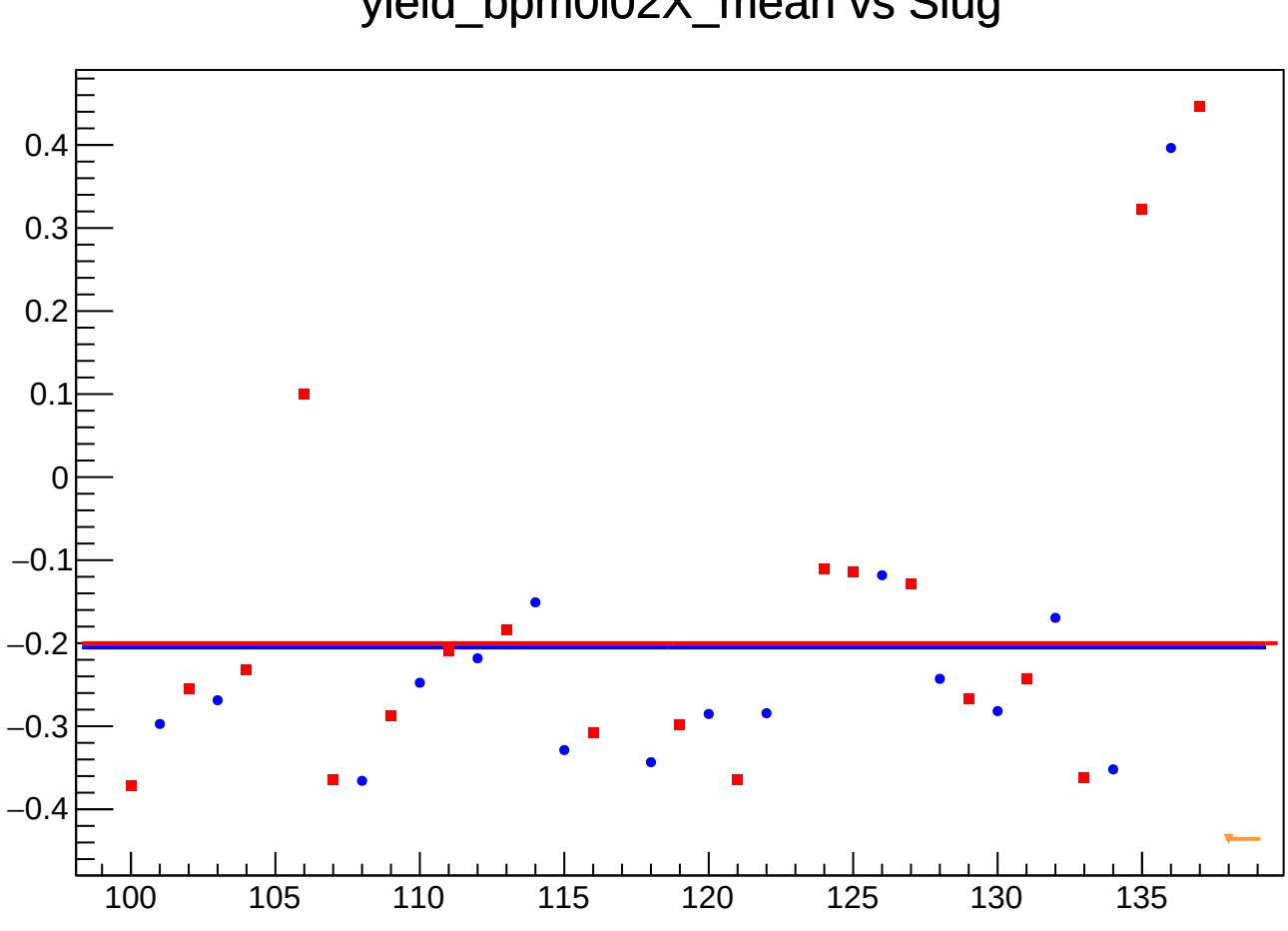
Right Out: 0.005+/-0.000 χ^2/NDF: 293738.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

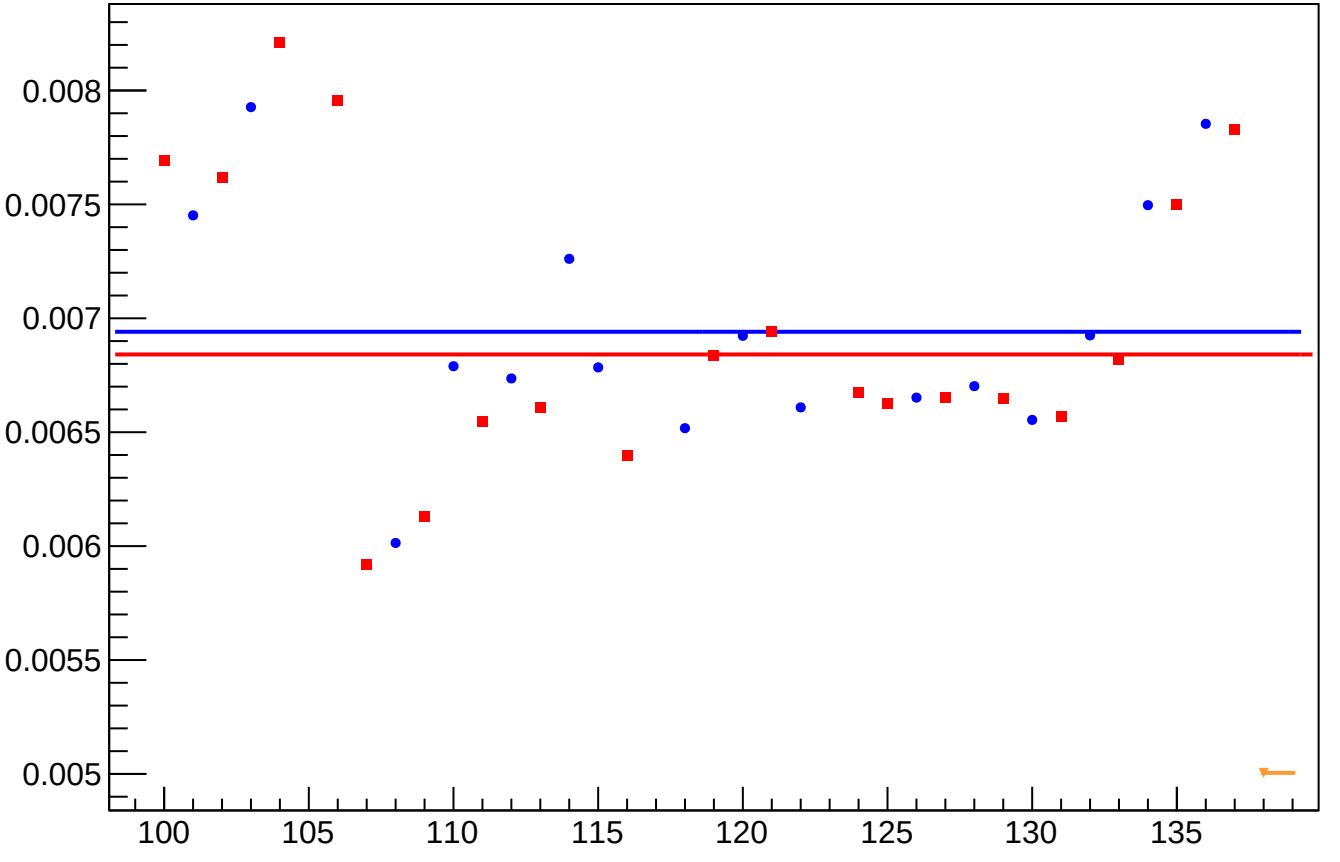
+ sign 0.005+/-0.000 χ^2/NDF: 232511.3/16

All: 0.005+/-0.000 χ^2/NDF: 526516.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm0i02X_mean vs Slug
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
100
105
110
115
120
125
130
135
Right In: -0.205+/-0.000 χ²/NDF: 6189271855.3/15
Left Out: -0.436+/-0.000 χ²/NDF:0.0/0
Right Out: -0.200+/-0.000 χ²/NDF: 5249978819.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.244+/-0.000 χ²/NDF: 7508885458.6/16
All: -0.224+/-0.000 χ²/NDF: 12919859647.8/
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 85159.0/15

Left Out: 0.005+/-0.000 χ^2/NDF:0.0/0

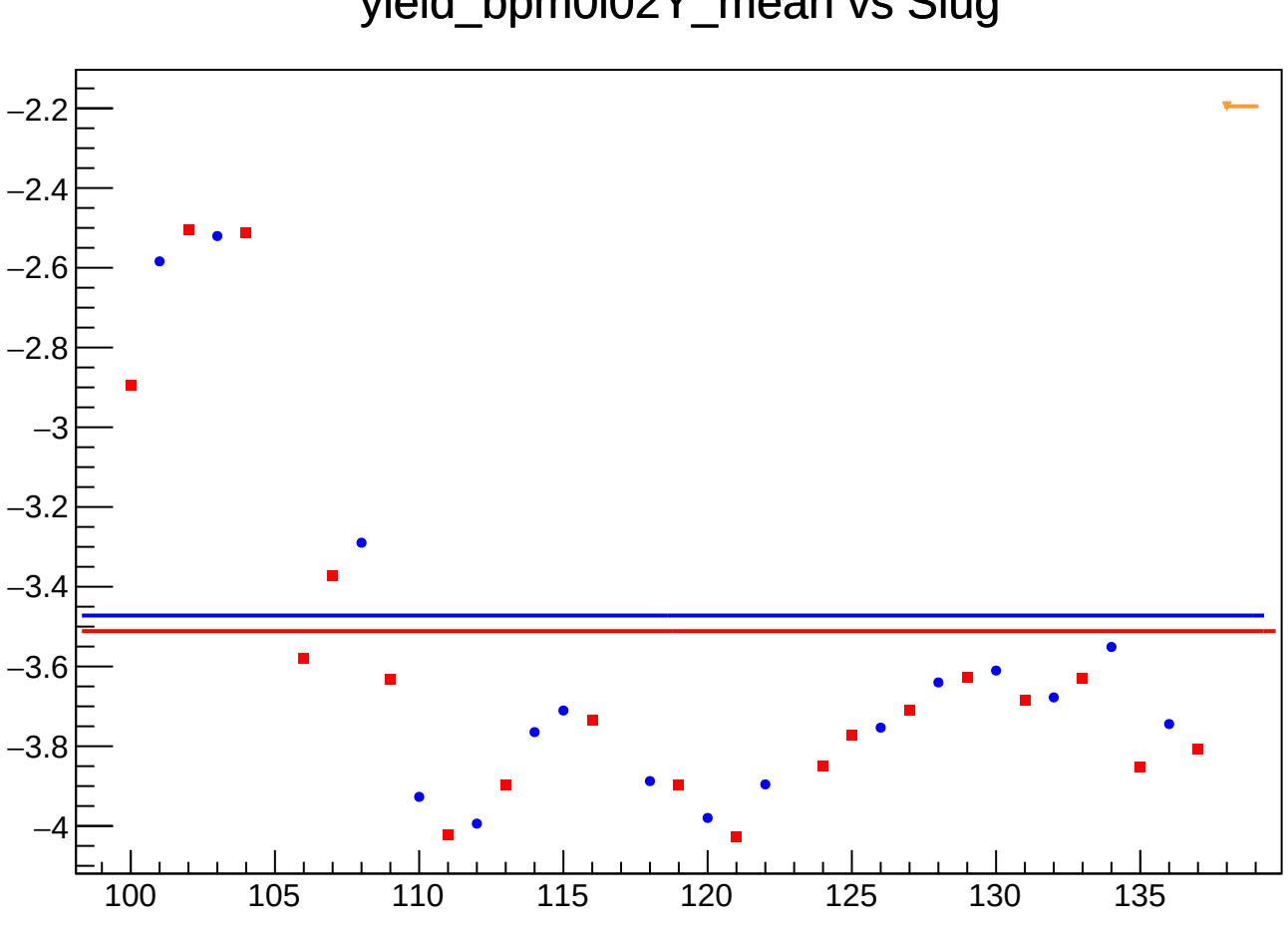
Right Out: 0.007+/-0.000 χ^2/NDF: 99819.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

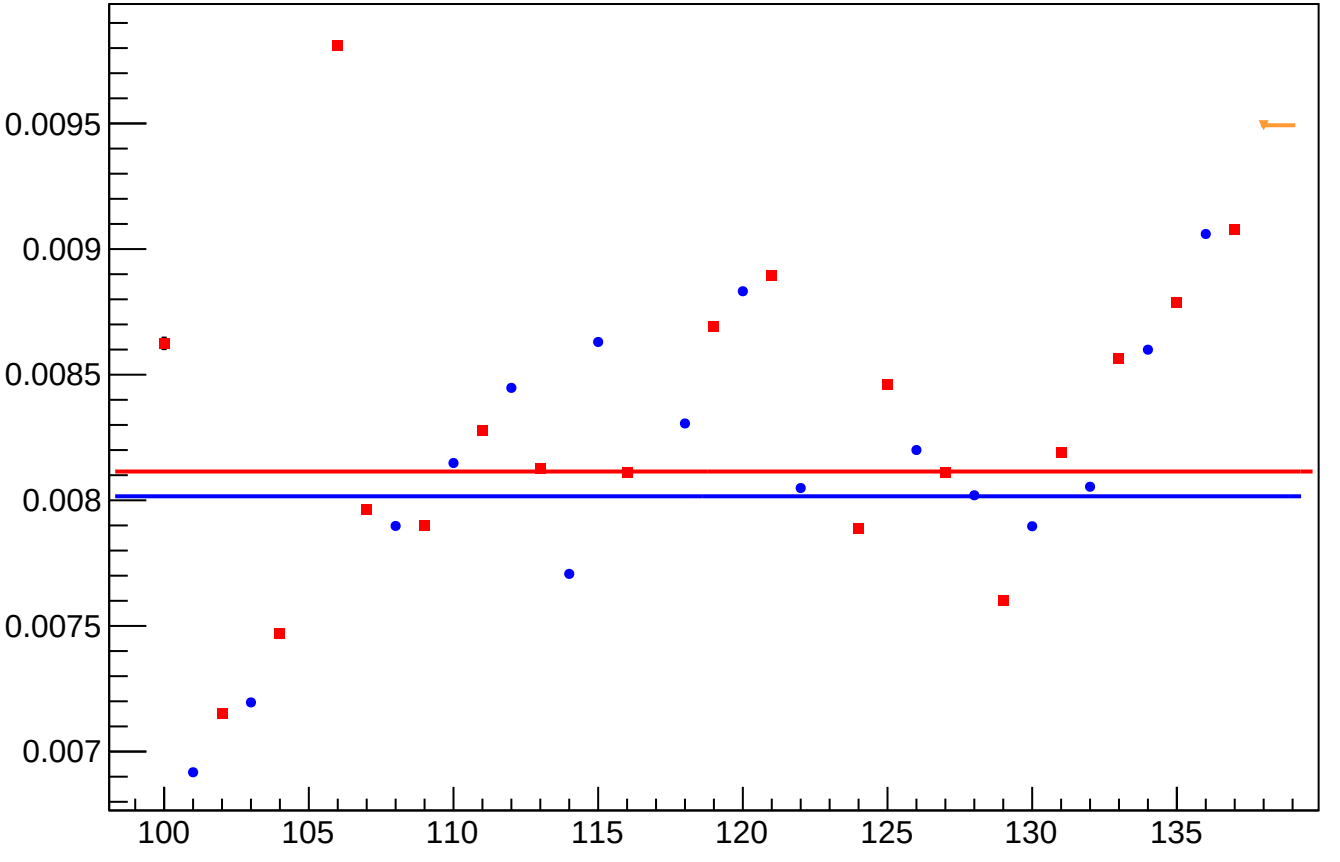
+ sign 0.007+/-0.000 χ^2/NDF: 271318.2/16

All: 0.007+/-0.000 χ^2/NDF: 379798.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm0i02Y_mean vs Slug
−2.2
−2.4
−2.6
−2.8
−3
−3.2
−3.4
−3.6
−3.8
−4
100
105
110
115
120
125
130
135
Right In: -3.472+/-0.000 χ²/NDF: 29592353445.4/15
Left Out: -2.195+/-0.000 χ²/NDF:0.0/0
Right Out: -3.511+/-0.000 χ²/NDF: 29716501733.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -3.379+/-0.000 χ²/NDF: 42488550616.9/16
All: -3.443+/-0.000 χ²/NDF: 73185541854.6/
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 86232.2/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

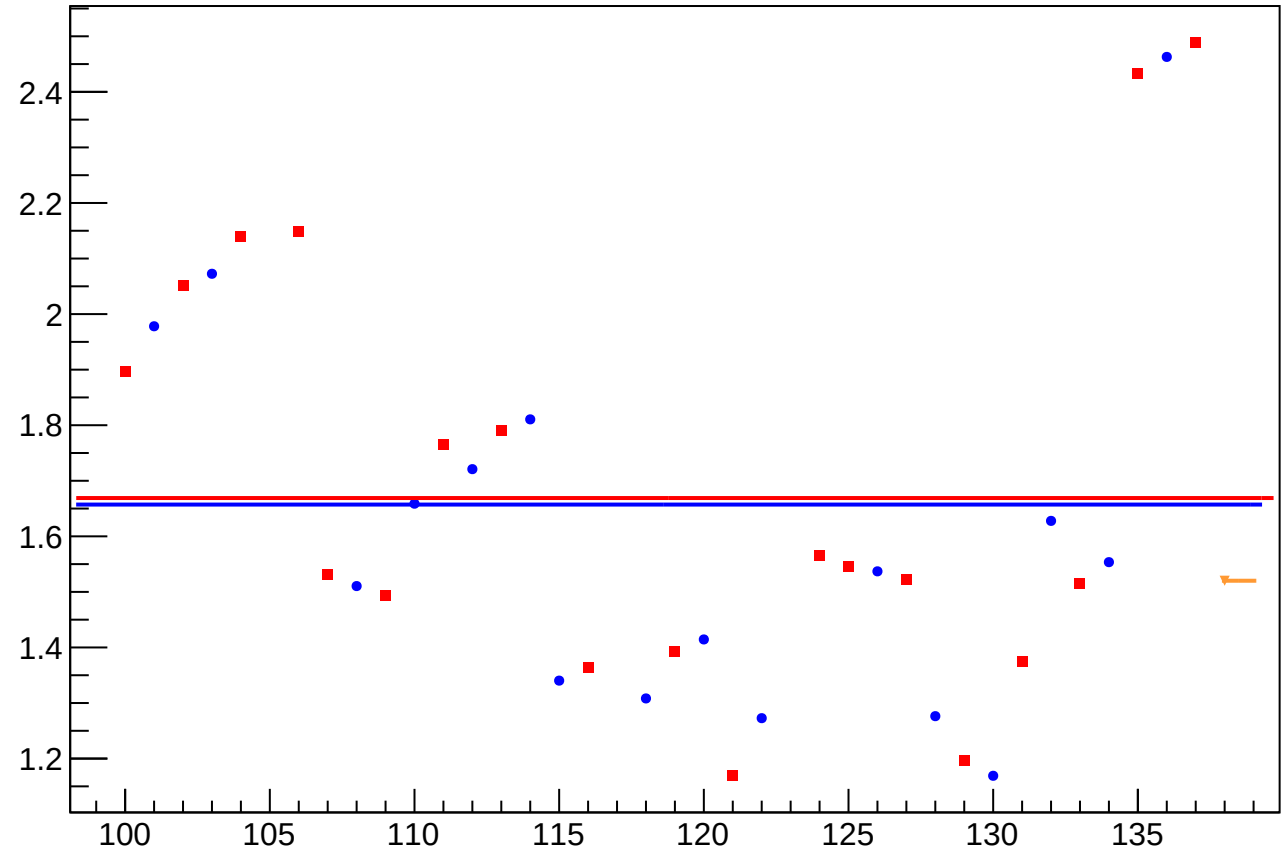
Right Out: 0.008+/-0.000 χ^2/NDF: 71067.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 120717.4/16

All: 0.008+/-0.000 χ^2/NDF: 191793.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.657+/-0.000 χ^2/NDF: 6666154117.3/15

Left Out: 1.520+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.669+/-0.000 χ^2/NDF: 6357589265.5/18

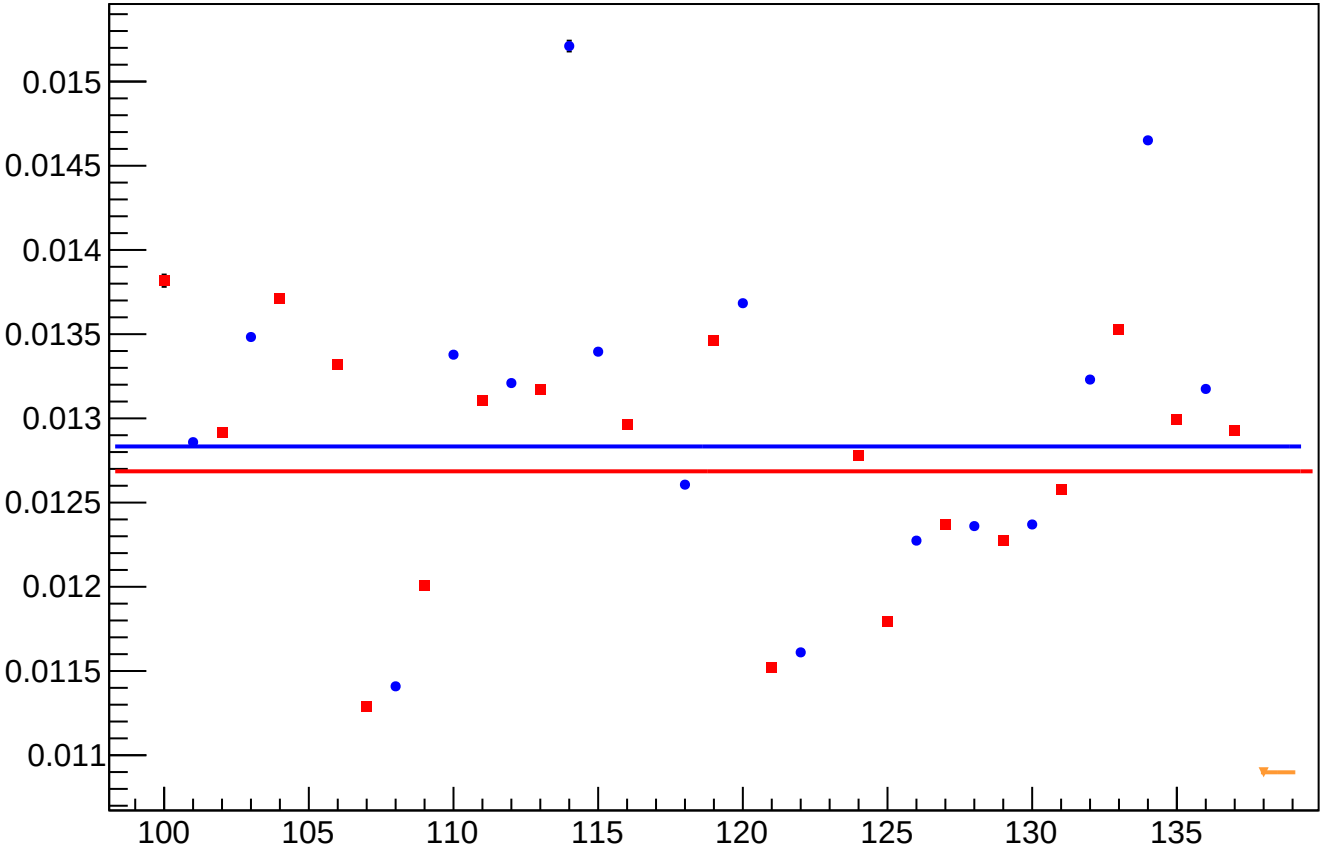
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.639+/-0.000 χ^2/NDF: 6770158627.3/16

All: 1.654+/-0.000 χ^2/NDF: 13148200848.5/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 52516.5/15

Left Out: 0.011+/-0.000 χ^2/NDF:0.0/0

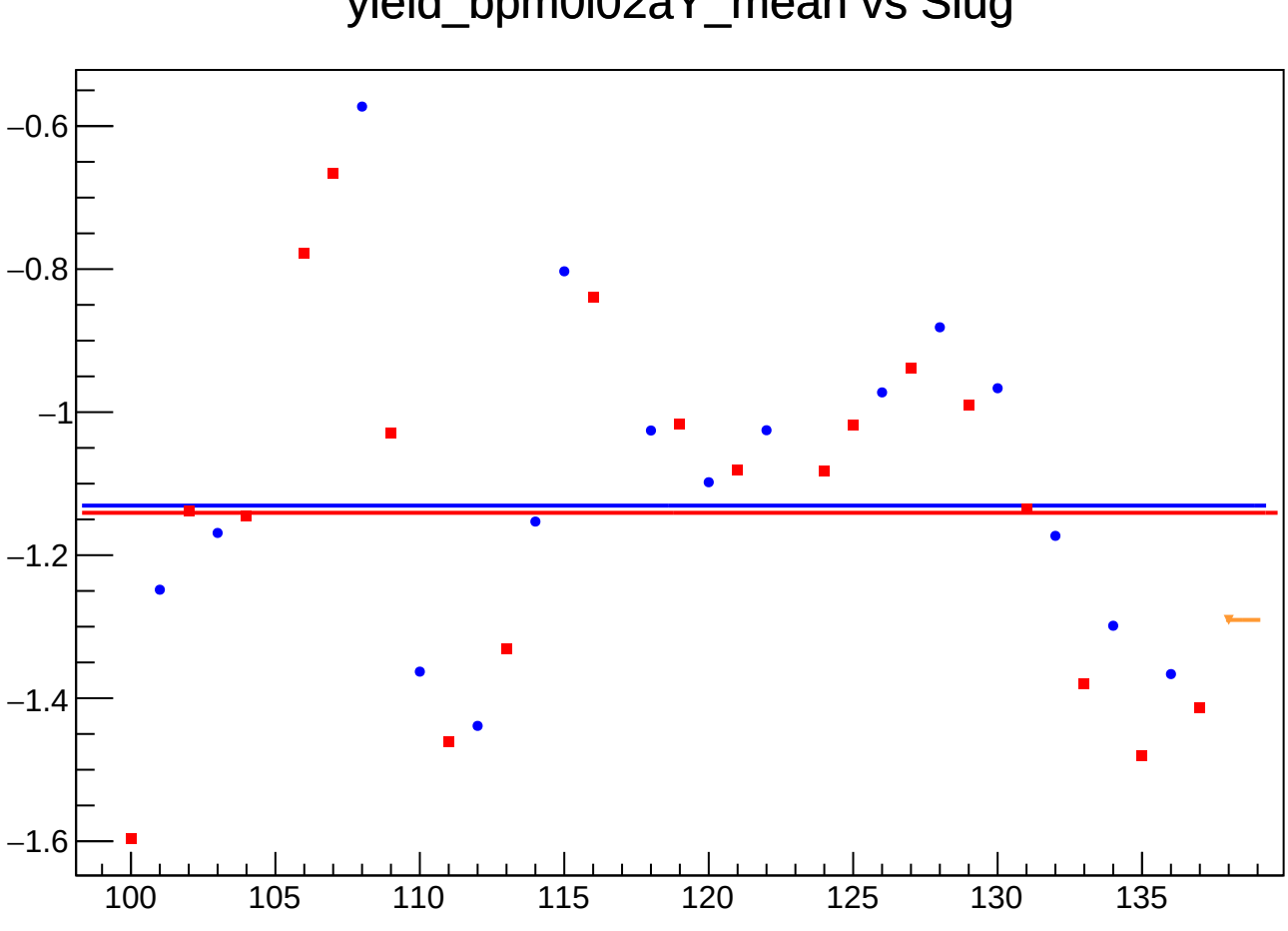
Right Out: 0.013+/-0.000 χ^2/NDF: 43279.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.000 χ^2/NDF: 93946.4/16

All: 0.013+/-0.000 χ^2/NDF: 137729.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.131+/-0.000 χ^2/NDF: 3790121991.7/15

Left Out: -1.291+/-0.000 χ^2/NDF:0.0/0

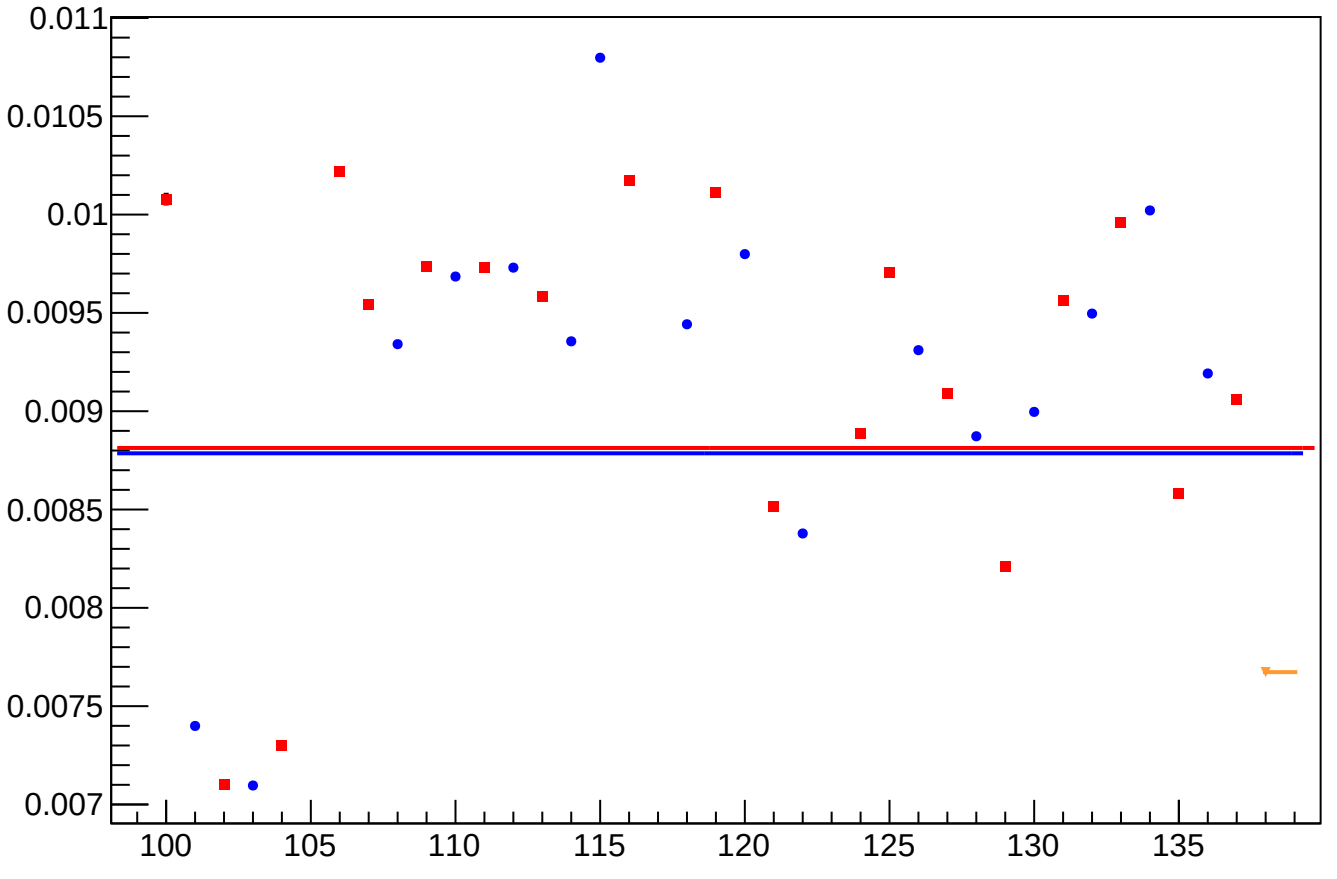
Right Out: -1.141+/-0.000 χ^2/NDF: 3544012262.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.151+/-0.000 χ^2/NDF: 4073876628.9/16

All: -1.146+/-0.000 χ^2/NDF: 7622603712.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.009+/-0.000 χ^2/NDF: 173477.6/15

Left Out: 0.008+/-0.000 χ^2/NDF:0.0/0

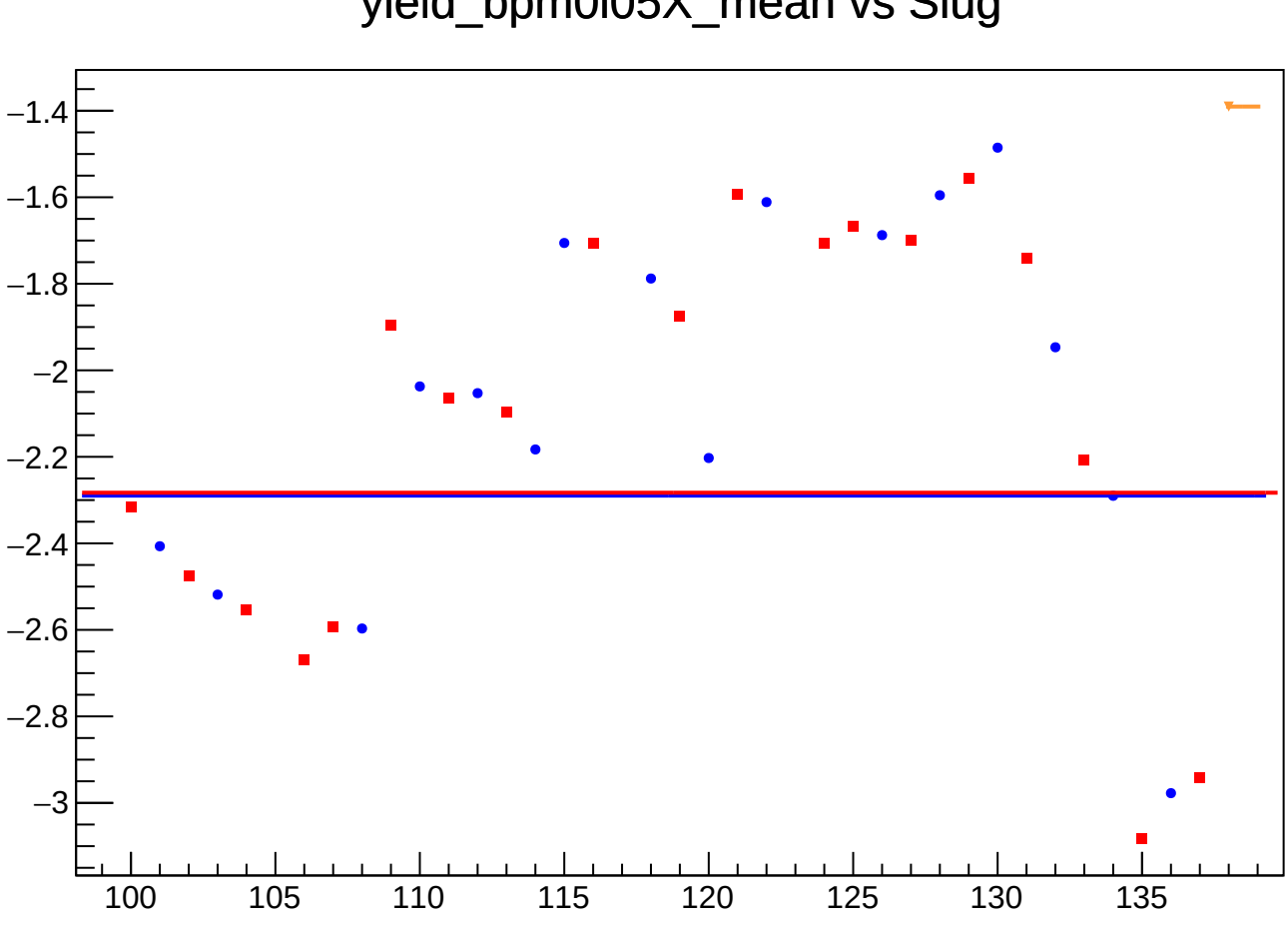
Right Out: 0.009+/-0.000 χ^2/NDF: 204443.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 200981.4/16

All: 0.009+/-0.000 χ^2/NDF: 408060.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.290+/-0.000 χ^2/NDF: 15222817978.4/15

Left Out: -1.390+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.283+/-0.000 χ^2/NDF: 17032219519.1/18

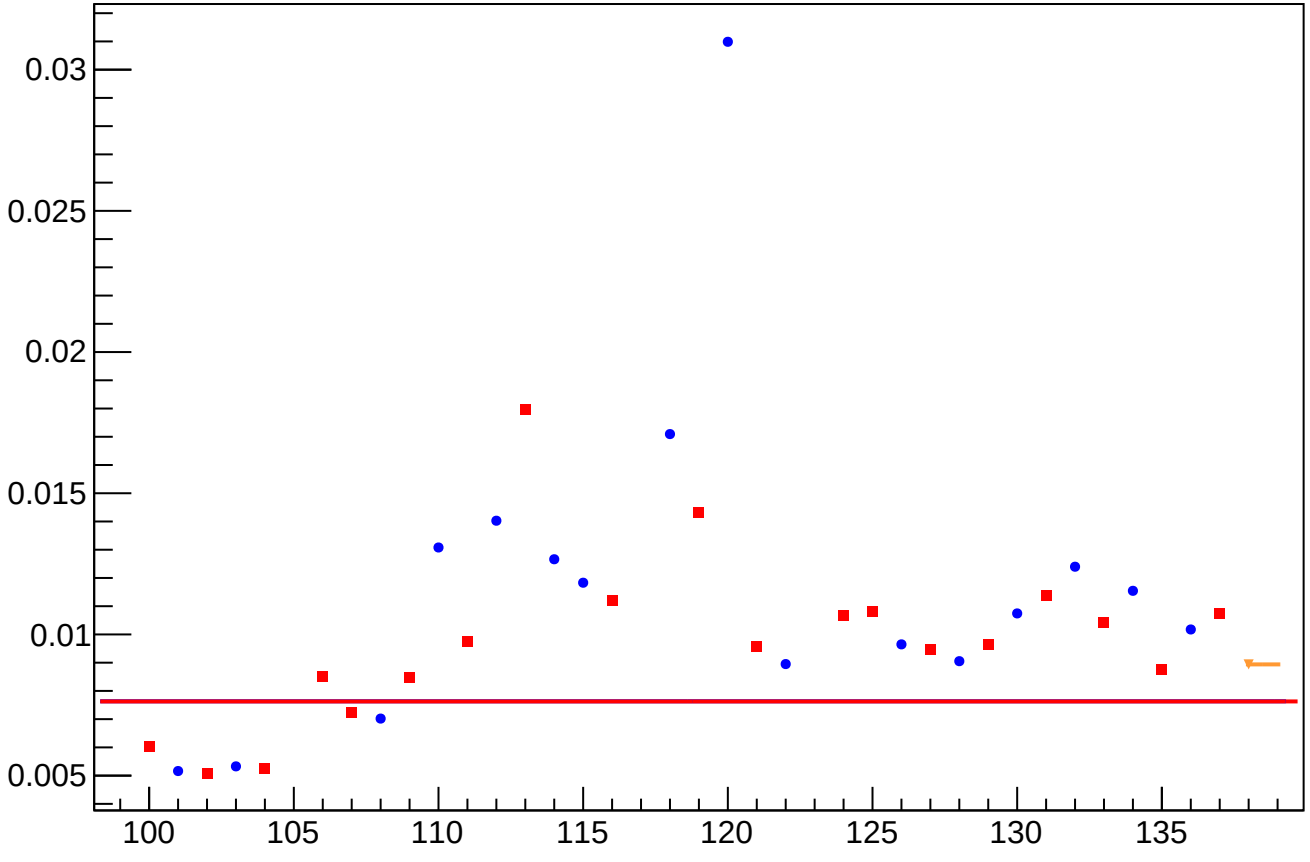
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.215+/-0.000 χ^2/NDF: 21047449472.1/16

All: -2.249+/-0.000 χ^2/NDF: 38296741872.6/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 1710797.2/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

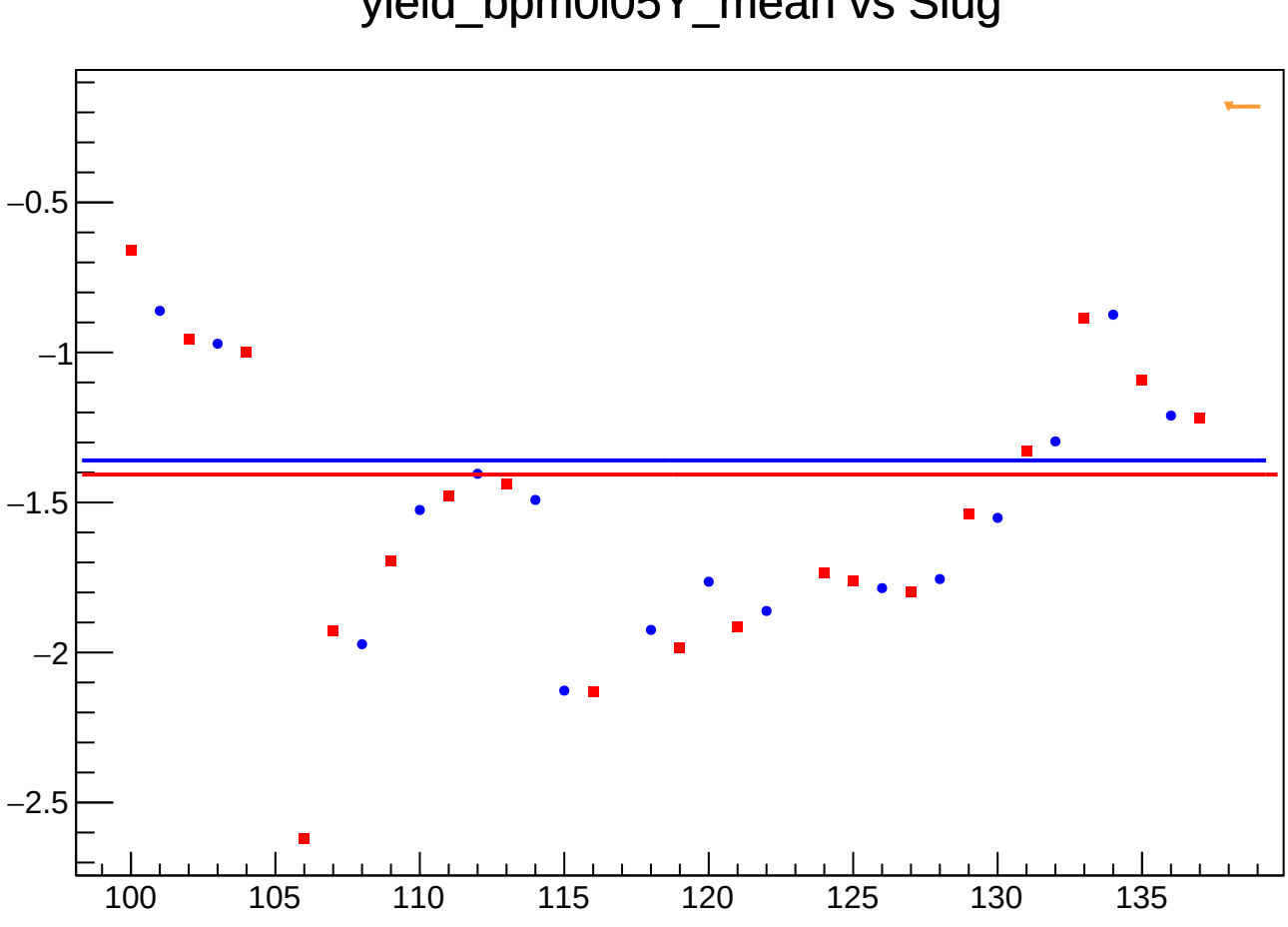
Right Out: 0.008+/-0.000 χ^2/NDF: 1317740.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 1735375.8/16

All: 0.008+/-0.000 χ^2/NDF: 3054333.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.360+/-0.000 χ^2/NDF: 21491965614.5/15

Left Out: -0.181+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.407+/-0.000 χ^2/NDF: 29835610413.0/18

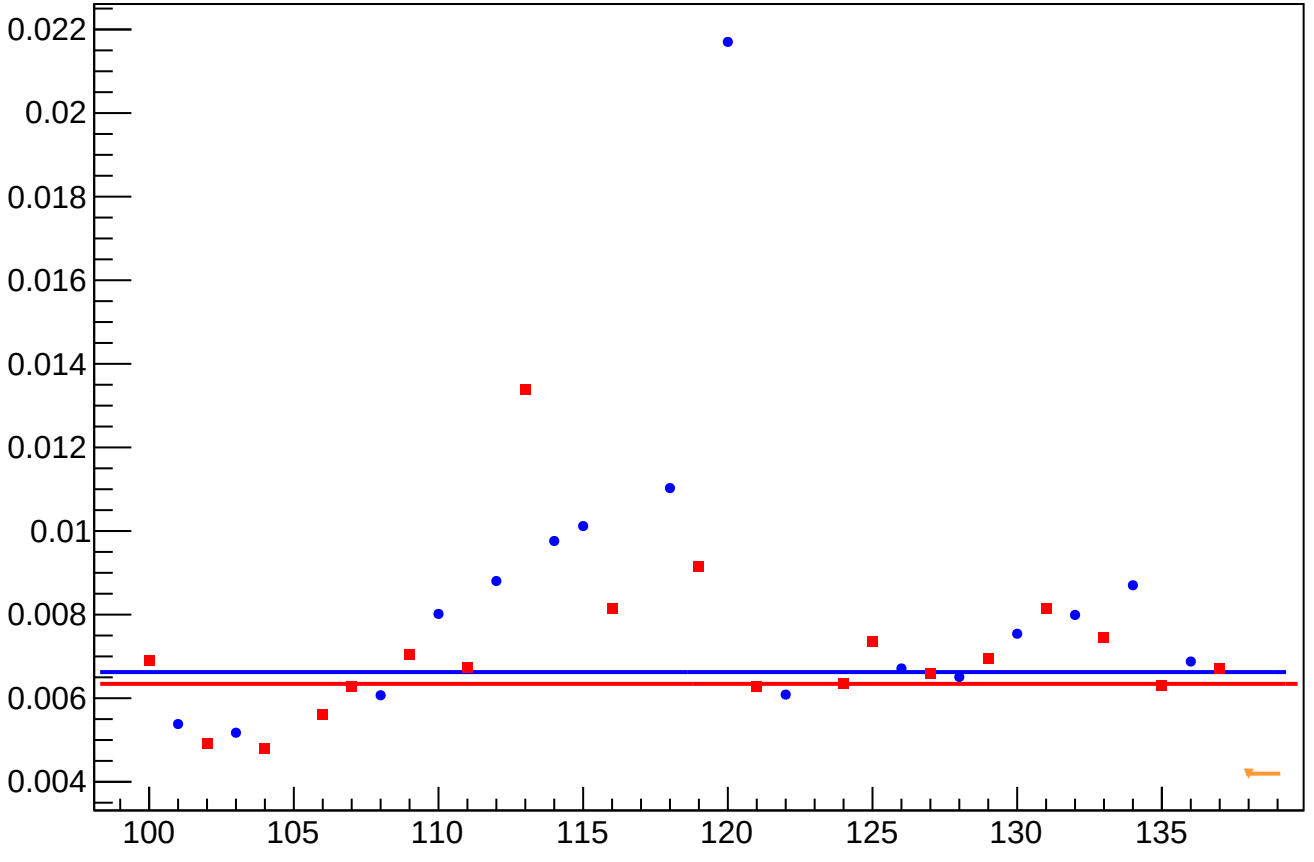
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.075+/-0.000 χ^2/NDF: 65845712308.8/16

All: -1.230+/-0.000 χ^2/NDF: 104642006967.5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i05Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 693783.1/15

Left Out: 0.004+/-0.000 χ^2/NDF:0.0/0

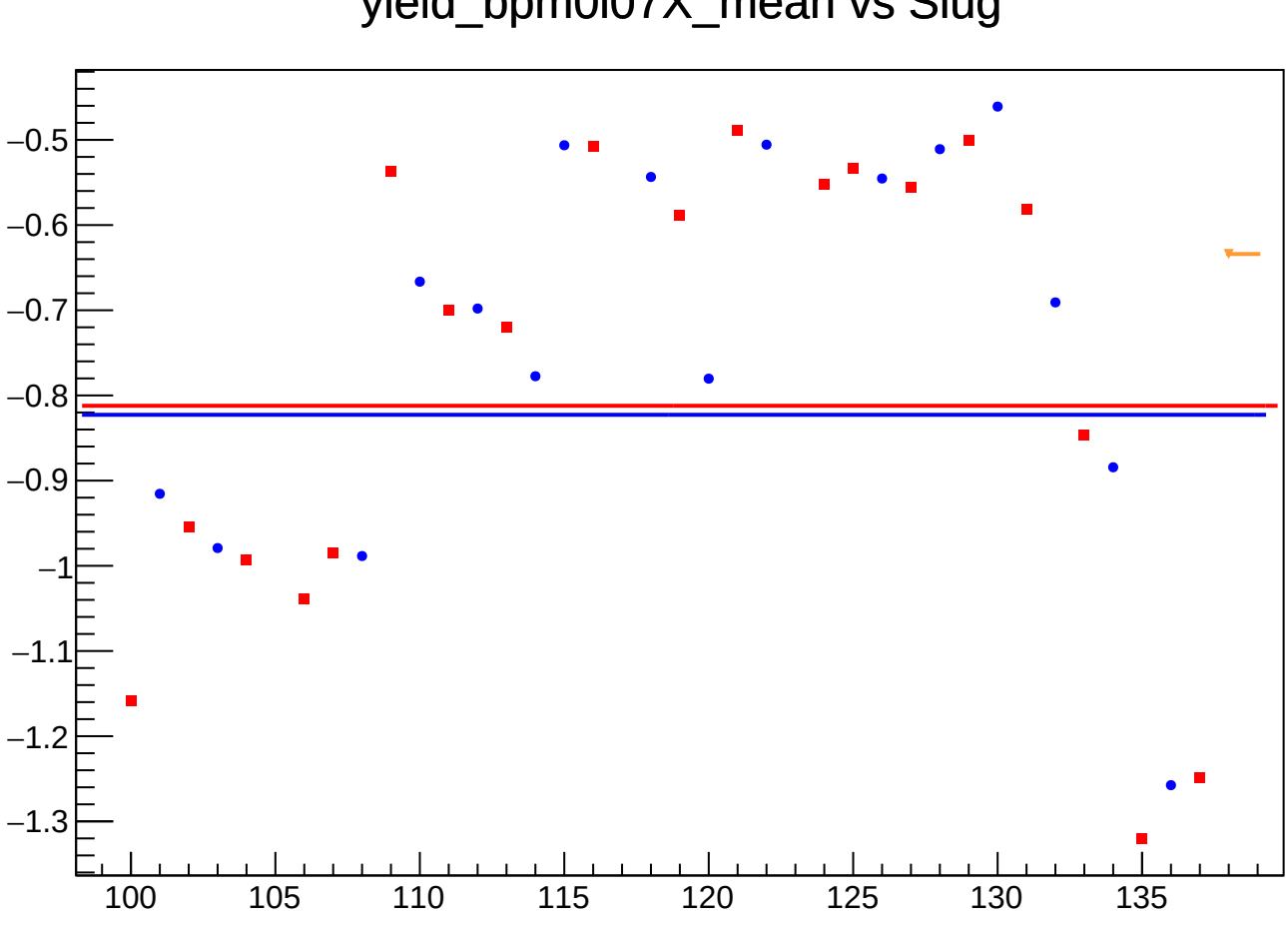
Right Out: 0.006+/-0.000 χ^2/NDF: 529170.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 1070393.3/16

All: 0.006+/-0.000 χ^2/NDF: 1614771.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.823+/-0.000 χ^2/NDF: 12226599844.5/15

Left Out: -0.634+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.812+/-0.000 χ^2/NDF: 14825441332.4/18

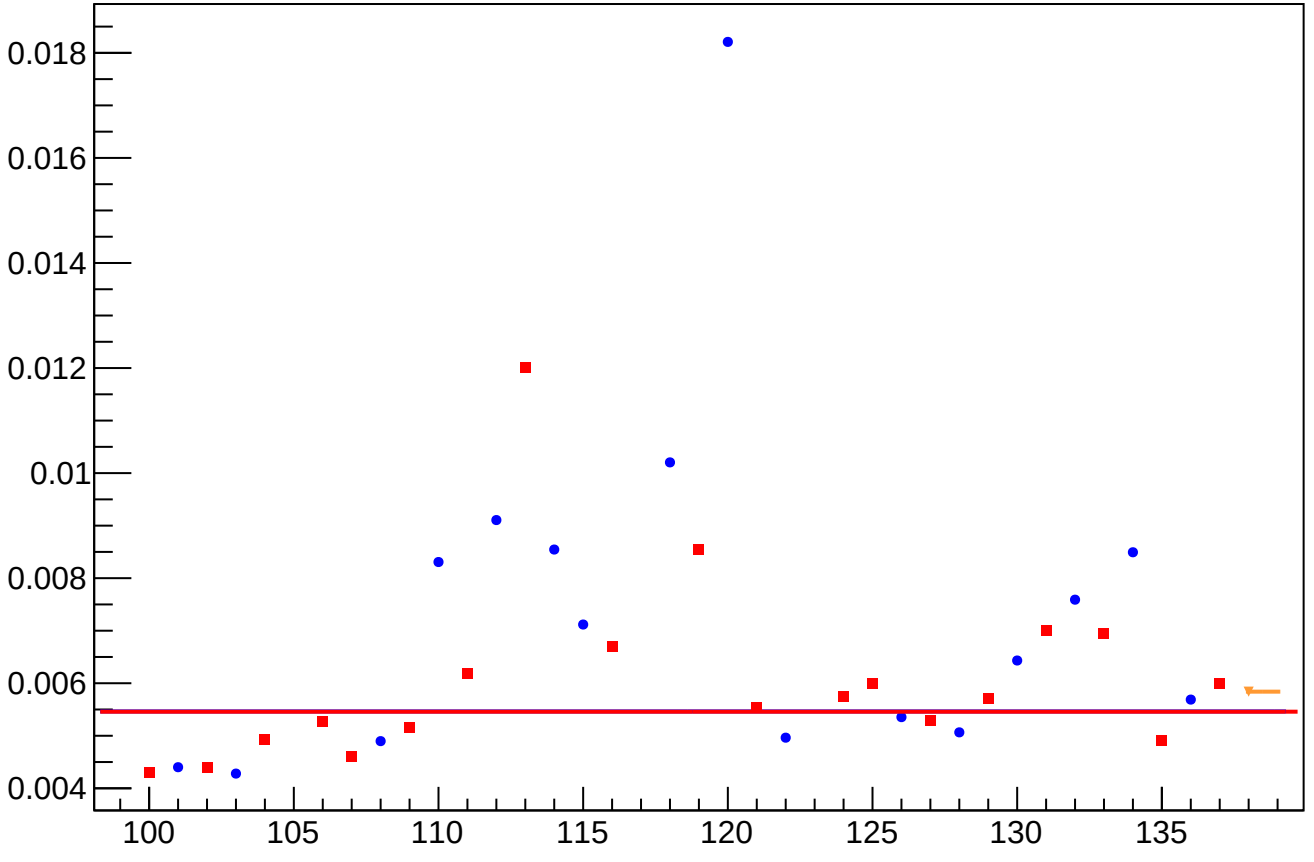
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.806+/-0.000 χ^2/NDF: 12817086567.6/16

All: -0.809+/-0.000 χ^2/NDF: 27646629157.1/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 961483.6/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

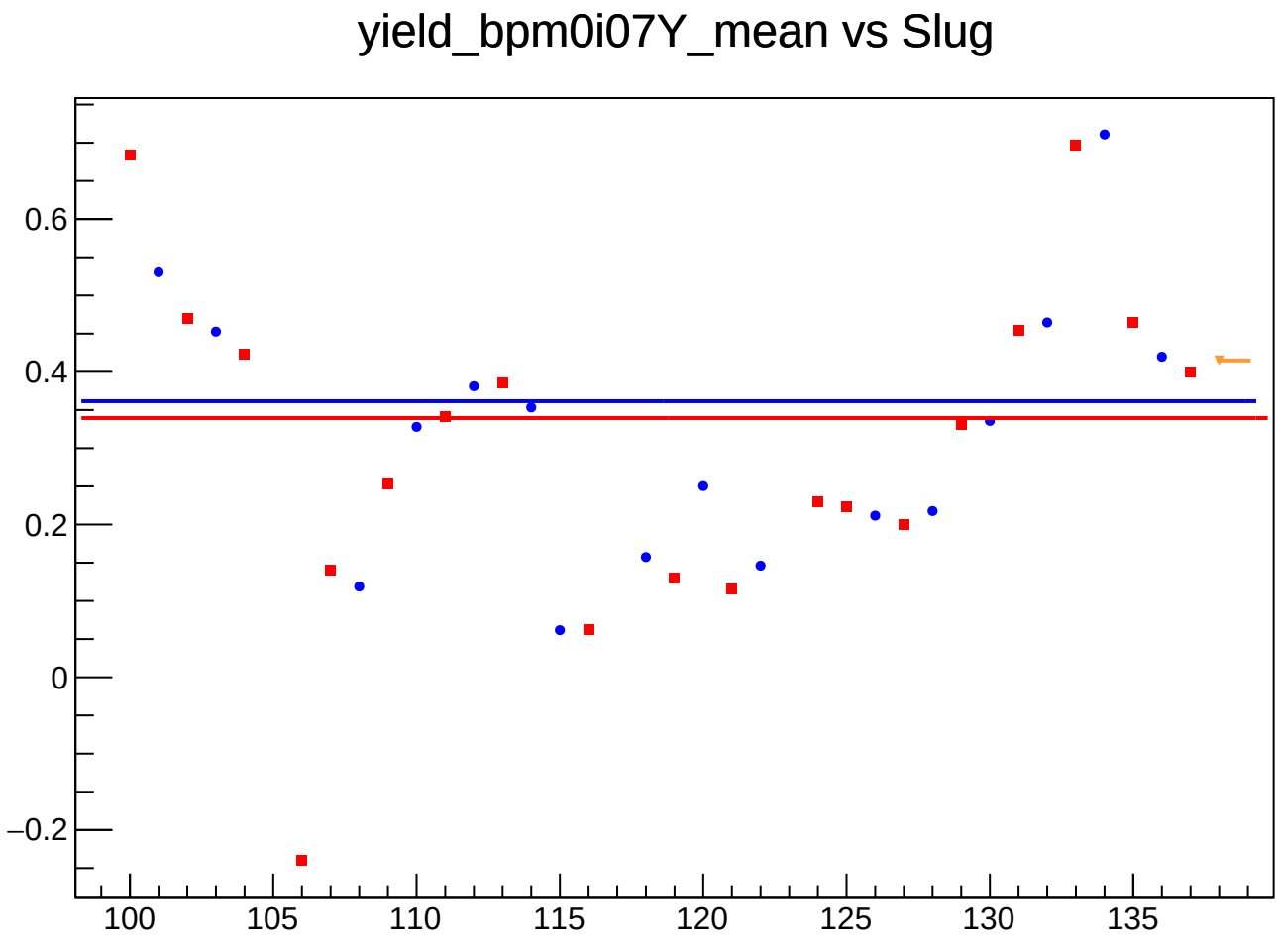
Right Out: 0.005+/-0.000 χ^2/NDF: 507792.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.005+/-0.000 χ^2/NDF: 966182.7/16

All: 0.005+/-0.000 χ^2/NDF: 1474278.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.362+/-0.000 χ^2/NDF: 8775952187.9/15

Left Out: 0.415+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.339+/-0.000 χ^2/NDF: 12071802789.9/18

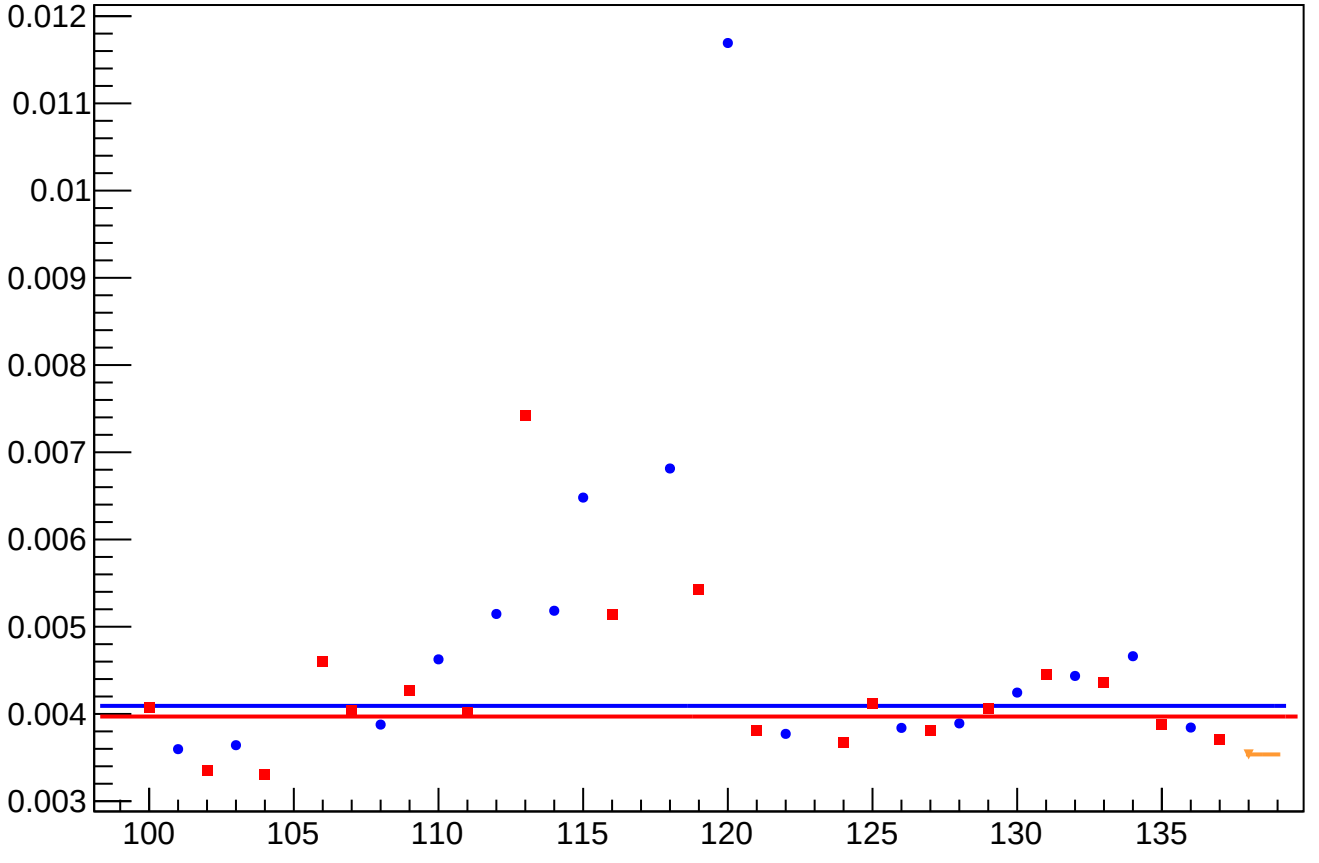
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.367+/-0.000 χ^2/NDF: 8883864376.4/16

All: 0.353+/-0.000 χ^2/NDF: 21110953769.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 491748.3/15

Left Out: 0.004+/-0.000 χ^2/NDF:0.0/0

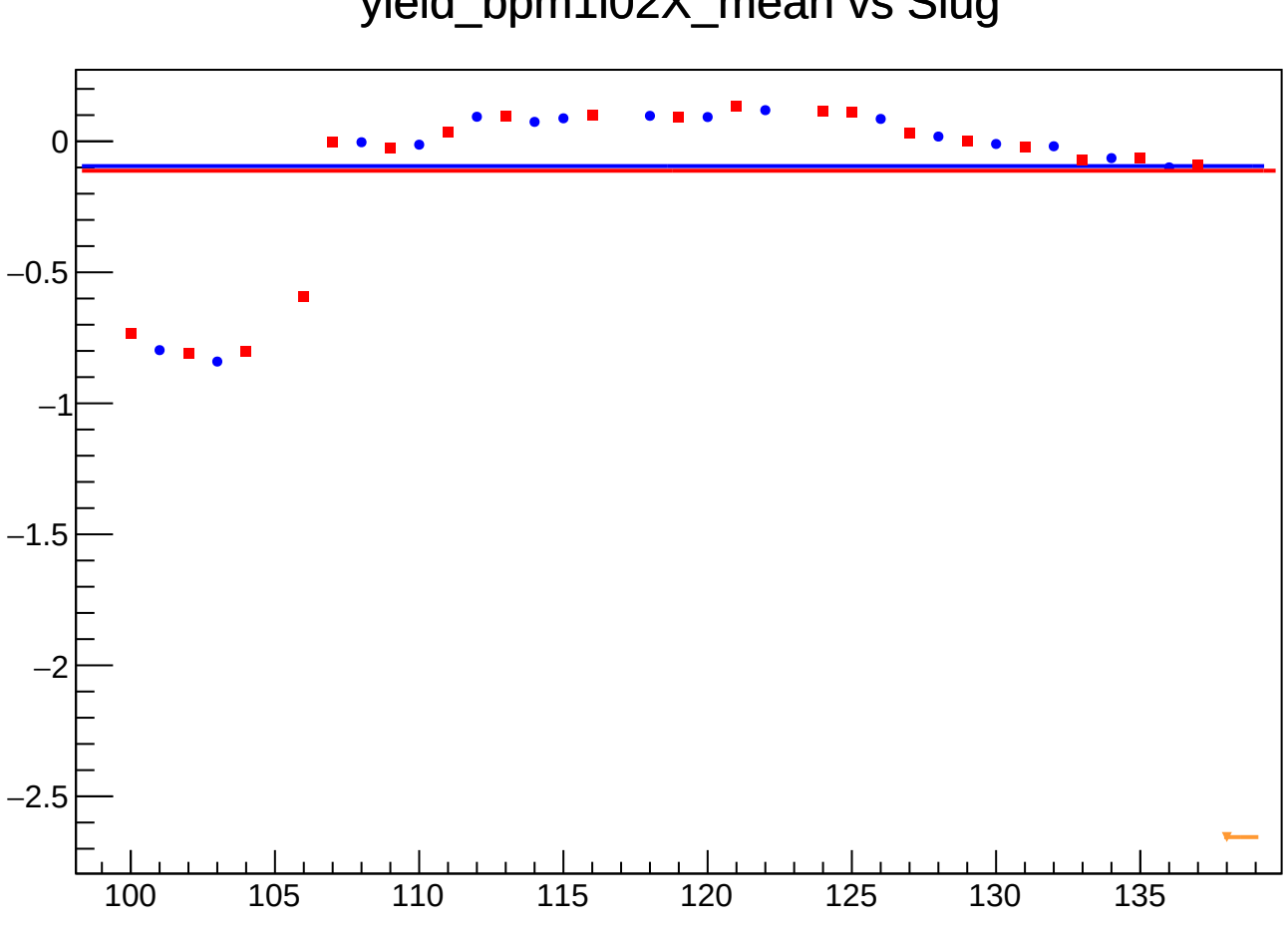
Right Out: 0.004+/-0.000 χ^2/NDF: 313701.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 515231.8/16

All: 0.004+/-0.000 χ^2/NDF: 830624.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.095+/-0.000 χ^2/NDF: 5489721985.1/15

Left Out: -2.656+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.112+/-0.000 χ^2/NDF: 6190163375.6/18

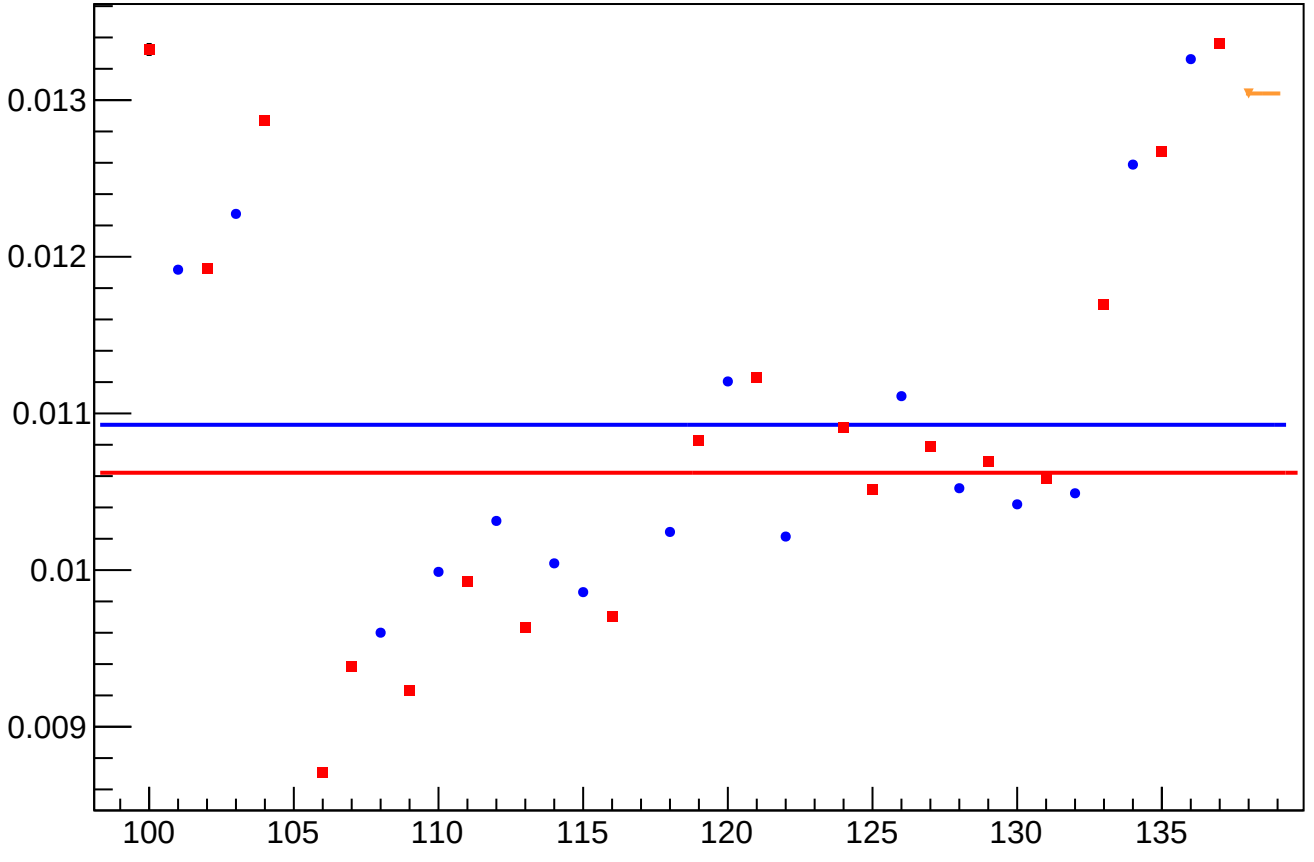
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.274+/-0.000 χ^2/NDF: 32947549624.4/16

All: -0.193+/-0.000 χ^2/NDF: 39988581990.3/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 136478.1/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

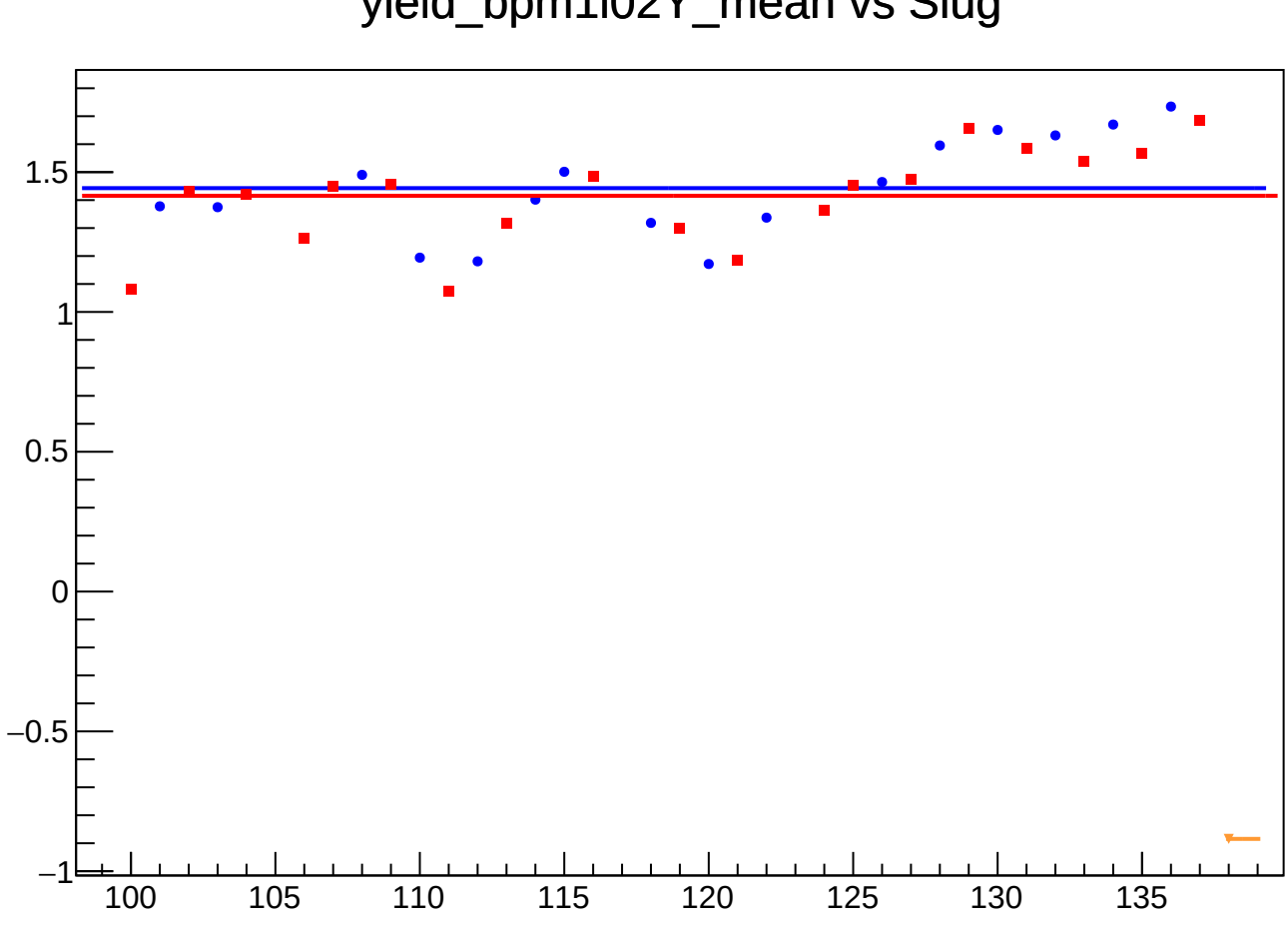
Right Out: 0.011+/-0.000 χ^2/NDF: 190526.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.000 χ^2/NDF: 173932.7/16

All: 0.011+/-0.000 χ^2/NDF: 377835.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.443+/-0.000 χ^2/NDF: 3739724691.1/15

Left Out: -0.884+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.415+/-0.000 χ^2/NDF: 2803466123.0/18

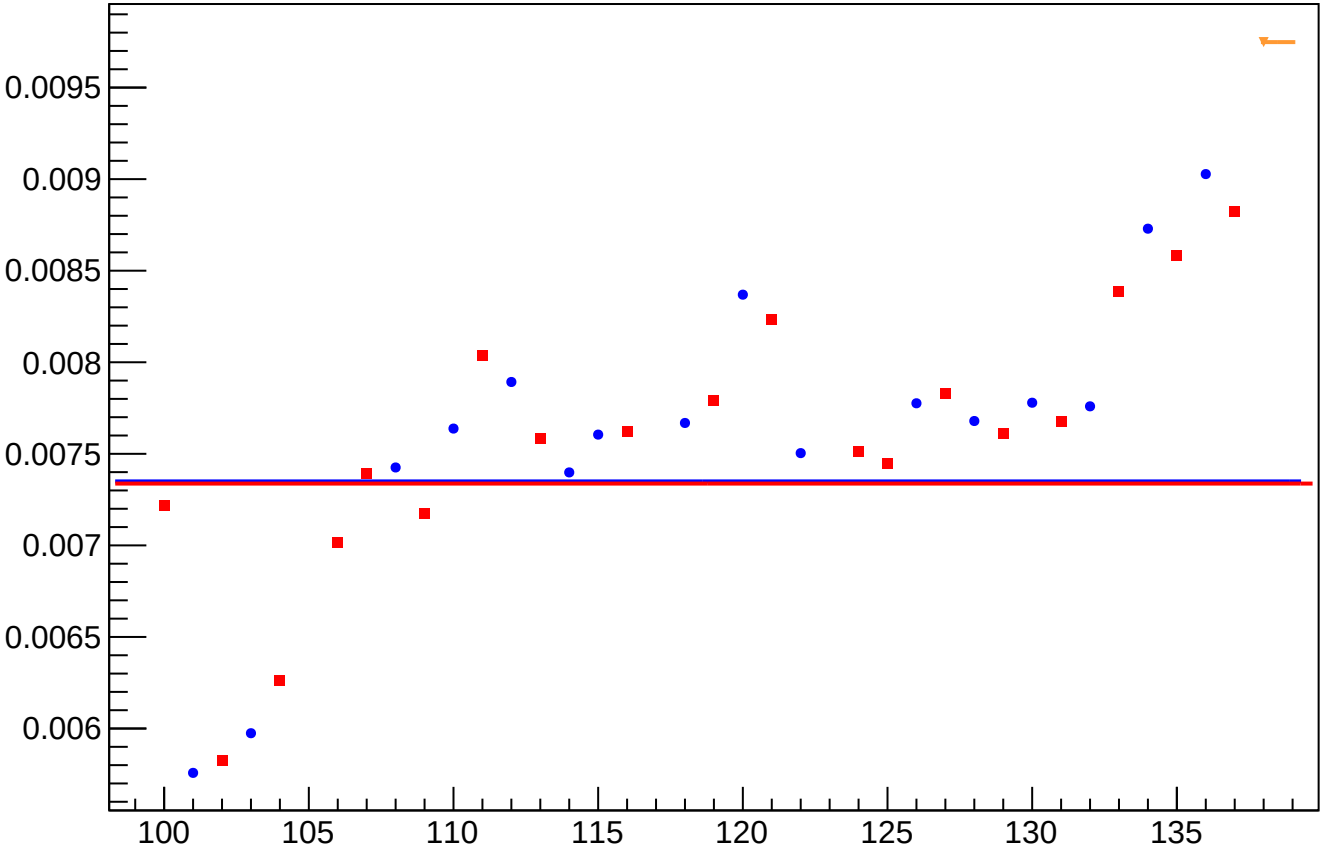
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.306+/-0.000 χ^2/NDF: 45340675535.6/16

All: 1.360+/-0.000 χ^2/NDF: 48968942933.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 270864.2/15

Left Out: 0.010+/-0.000 χ^2/NDF:0.0/0

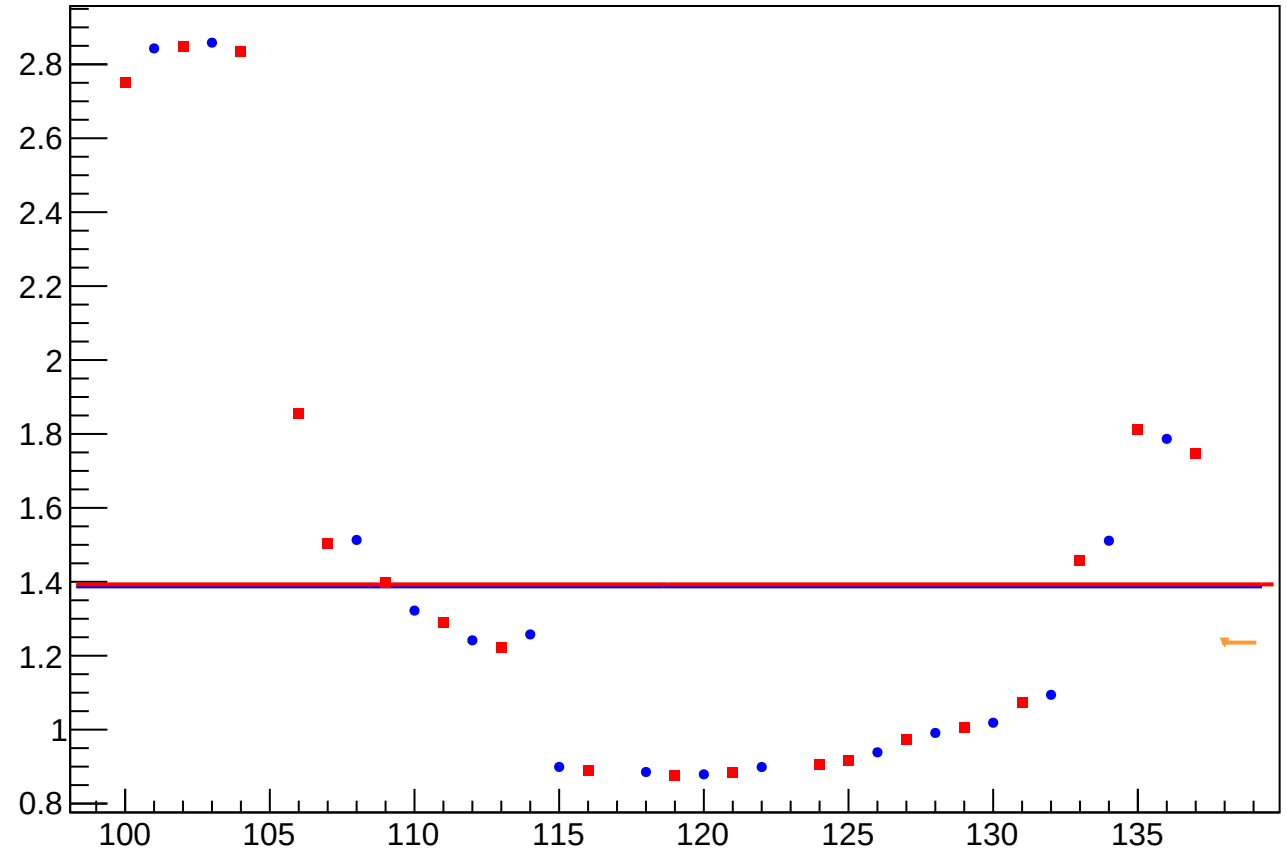
Right Out: 0.007+/-0.000 χ^2/NDF: 195372.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 359268.4/16

All: 0.007+/-0.000 χ^2/NDF: 557857.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.388+/-0.000 χ^2/NDF: 58612635453.0/15

Left Out: 1.235+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.393+/-0.000 χ^2/NDF: 55365724659.7/18

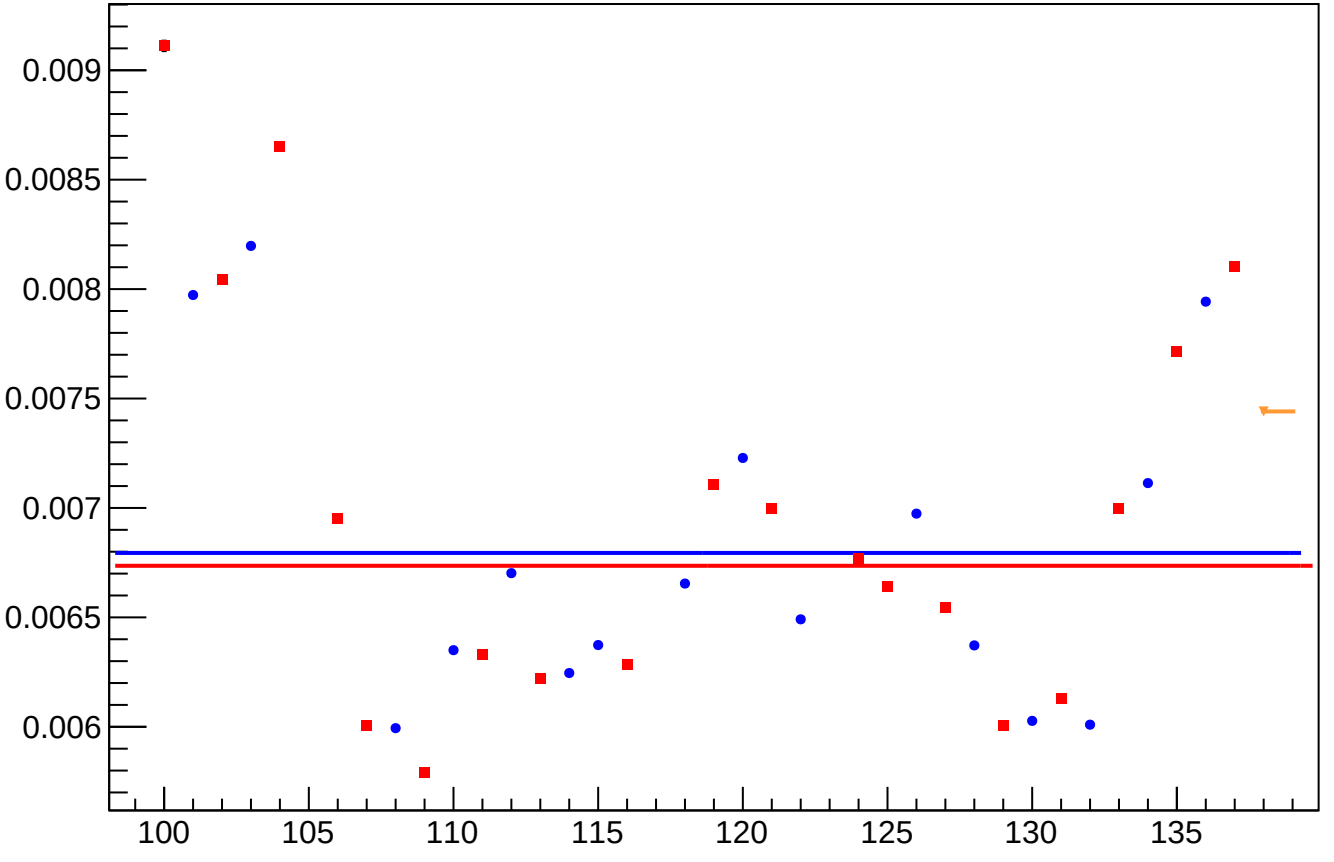
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.375+/-0.000 χ^2/NDF: 58905345517.2/16

All: 1.384+/-0.000 χ^2/NDF: 114297614779.7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 164456.7/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

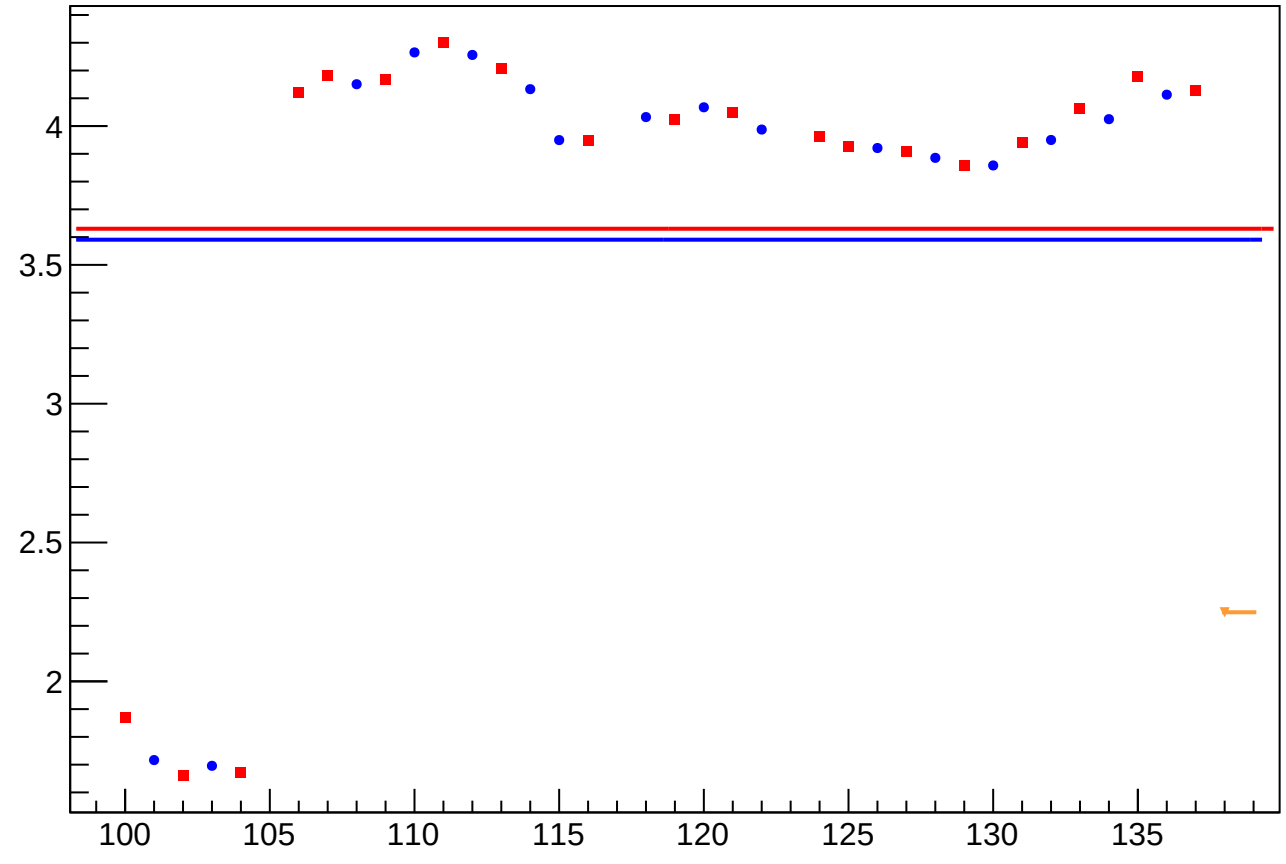
Right Out: 0.007+/-0.000 χ^2/NDF: 198492.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 175032.9/16

All: 0.007+/-0.000 χ^2/NDF: 375589.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3.591+/-0.000 χ^2/NDF: 202184644473.7/15

Left Out: 2.249+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.630+/-0.000 χ^2/NDF: 212588390342.3/18

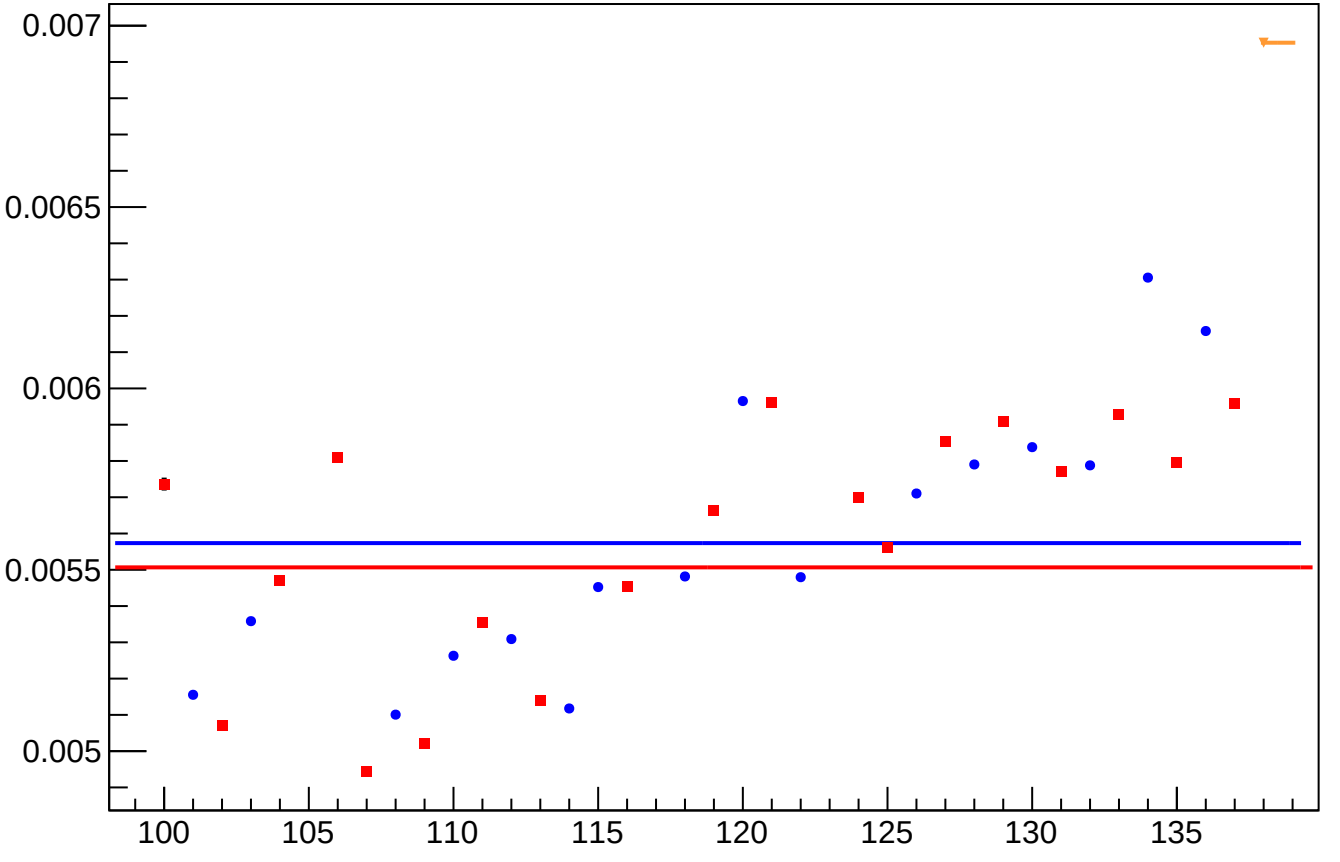
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.504+/-0.000 χ^2/NDF: 228873593887.8/16

All: 3.567+/-0.000 χ^2/NDF: 443385545620.6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i04Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 59130.1/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

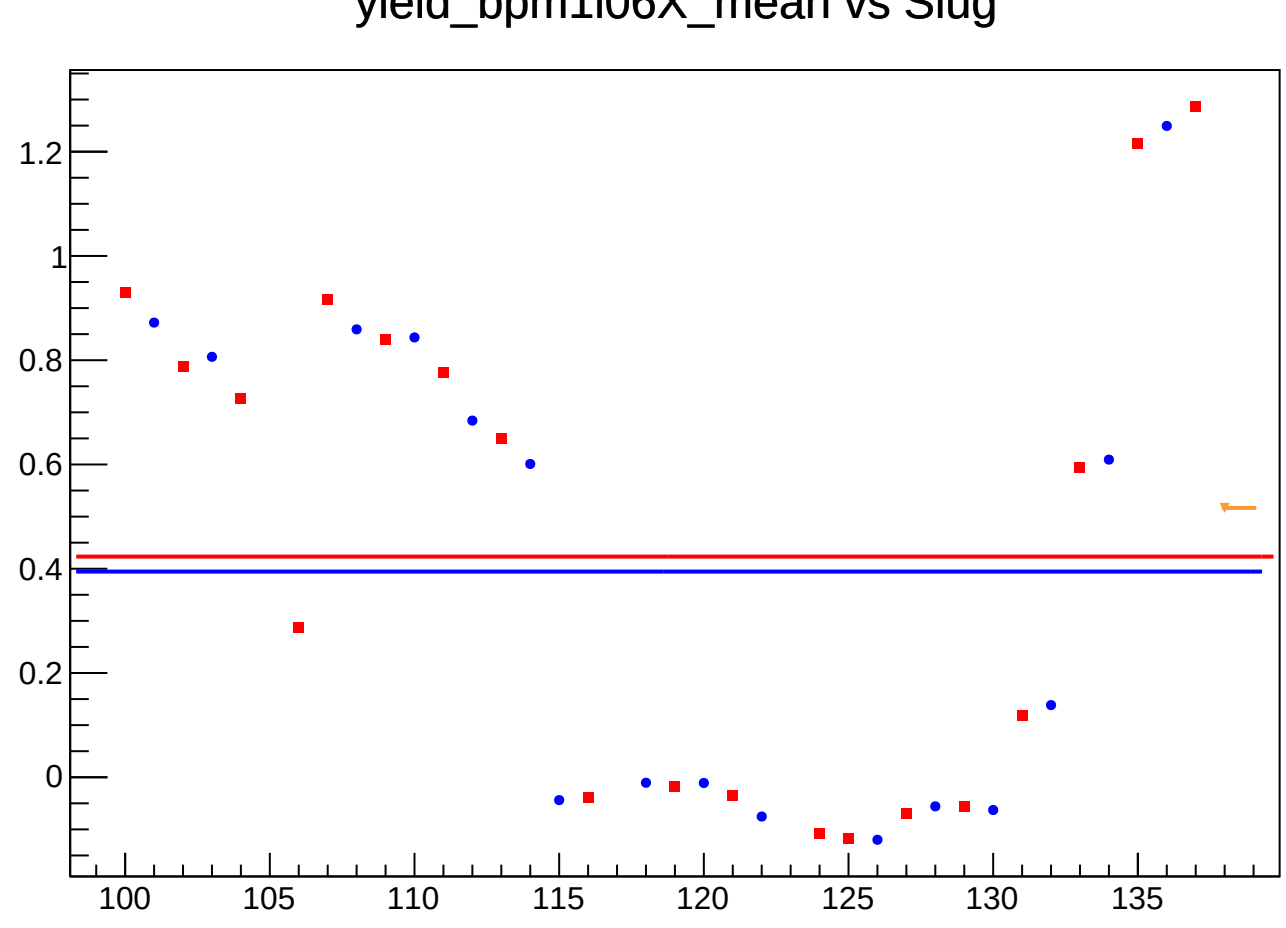
Right Out: 0.006+/-0.000 χ^2/NDF: 57427.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 115552.0/16

All: 0.006+/-0.000 χ^2/NDF: 178872.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.395+/-0.000 χ^2/NDF: 7412548044.8/15

Left Out: 0.517+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.423+/-0.000 χ^2/NDF: 6904060515.1/18

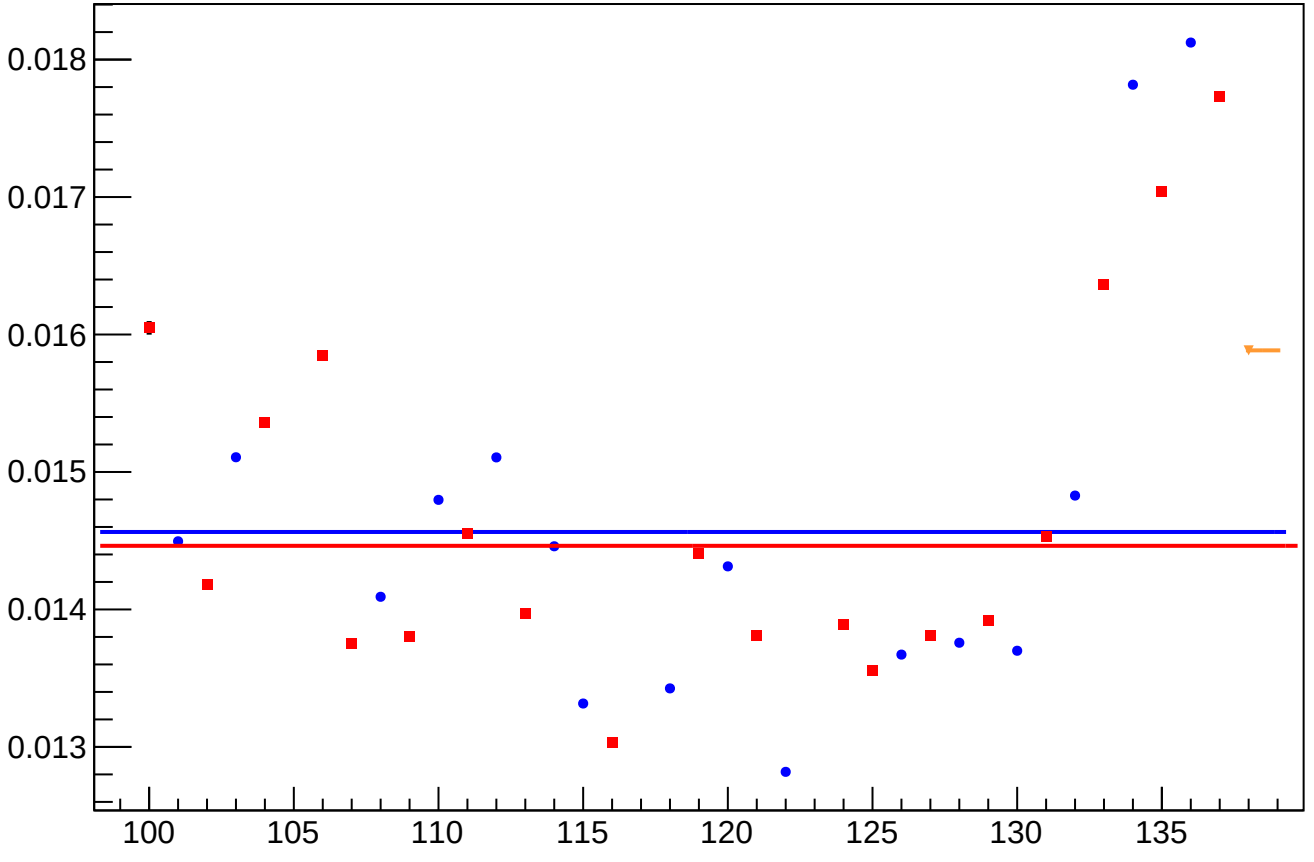
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.405+/-0.000 χ^2/NDF: 7453823784.9/16

All: 0.414+/-0.000 χ^2/NDF: 14364090031.3/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF: 133134.7/15

Left Out: 0.016+/-0.000 χ^2/NDF:0.0/0

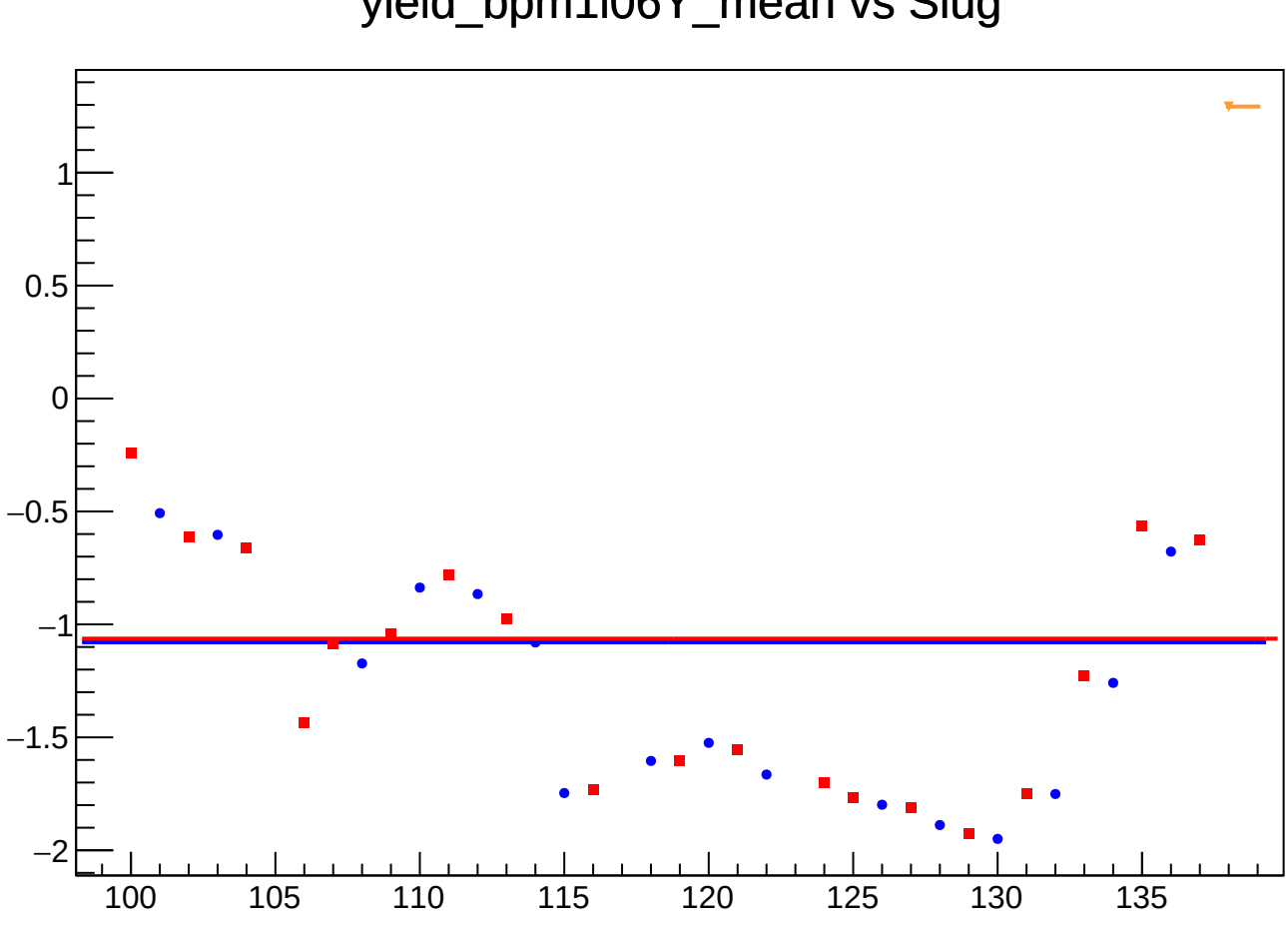
Right Out: 0.014+/-0.000 χ^2/NDF: 77396.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.000 χ^2/NDF: 142796.9/16

All: 0.015+/-0.000 χ^2/NDF: 221765.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.079+/-0.000 χ^2/NDF: 59756571764.5/15

Left Out: 1.292+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.063+/-0.000 χ^2/NDF: 49910403943.5/18

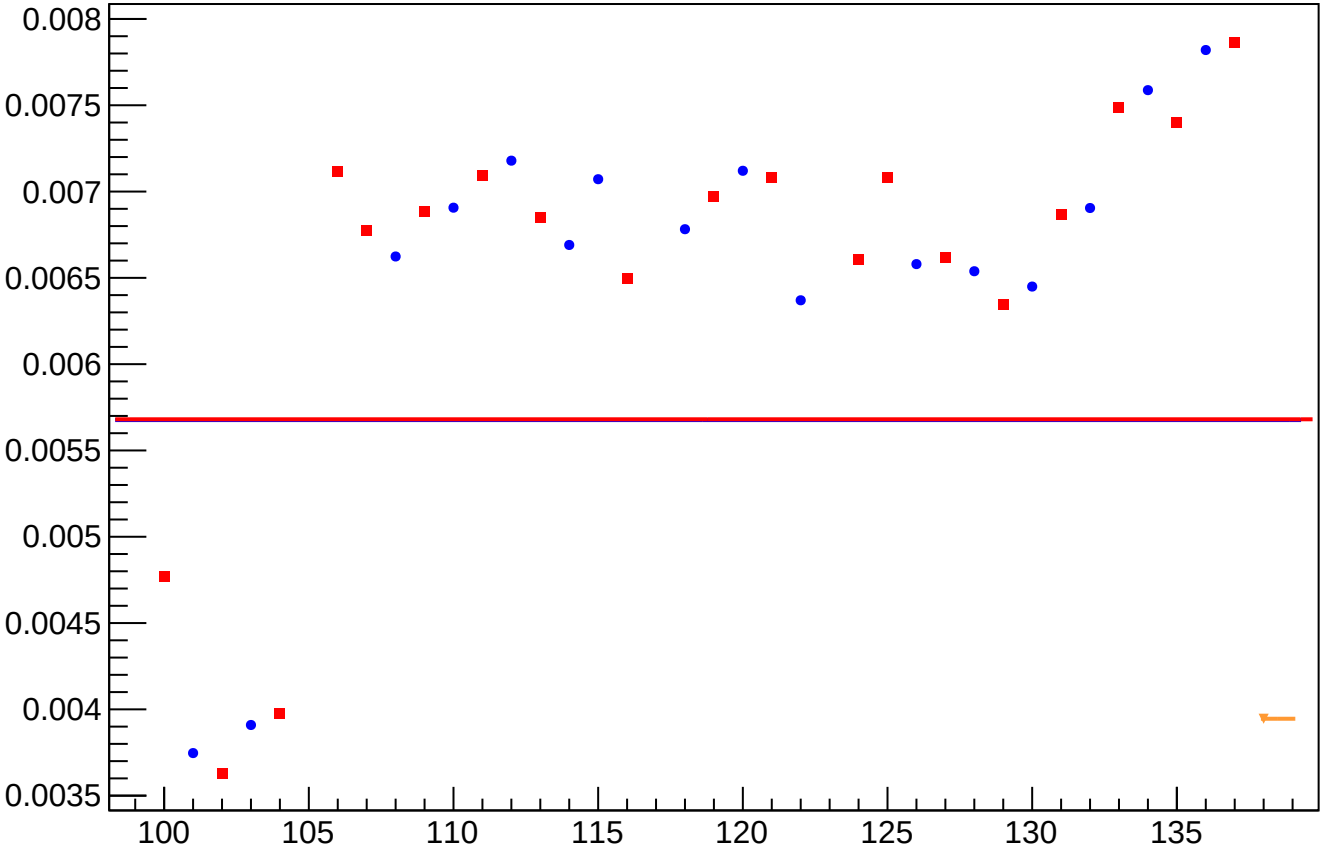
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.622+/-0.000 χ^2/NDF: 273965656408.0/16

All: -0.820+/-0.000 χ^2/NDF: 345241997115.2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 944822.9/15

Left Out: 0.004+/-0.000 χ^2/NDF:0.0/0

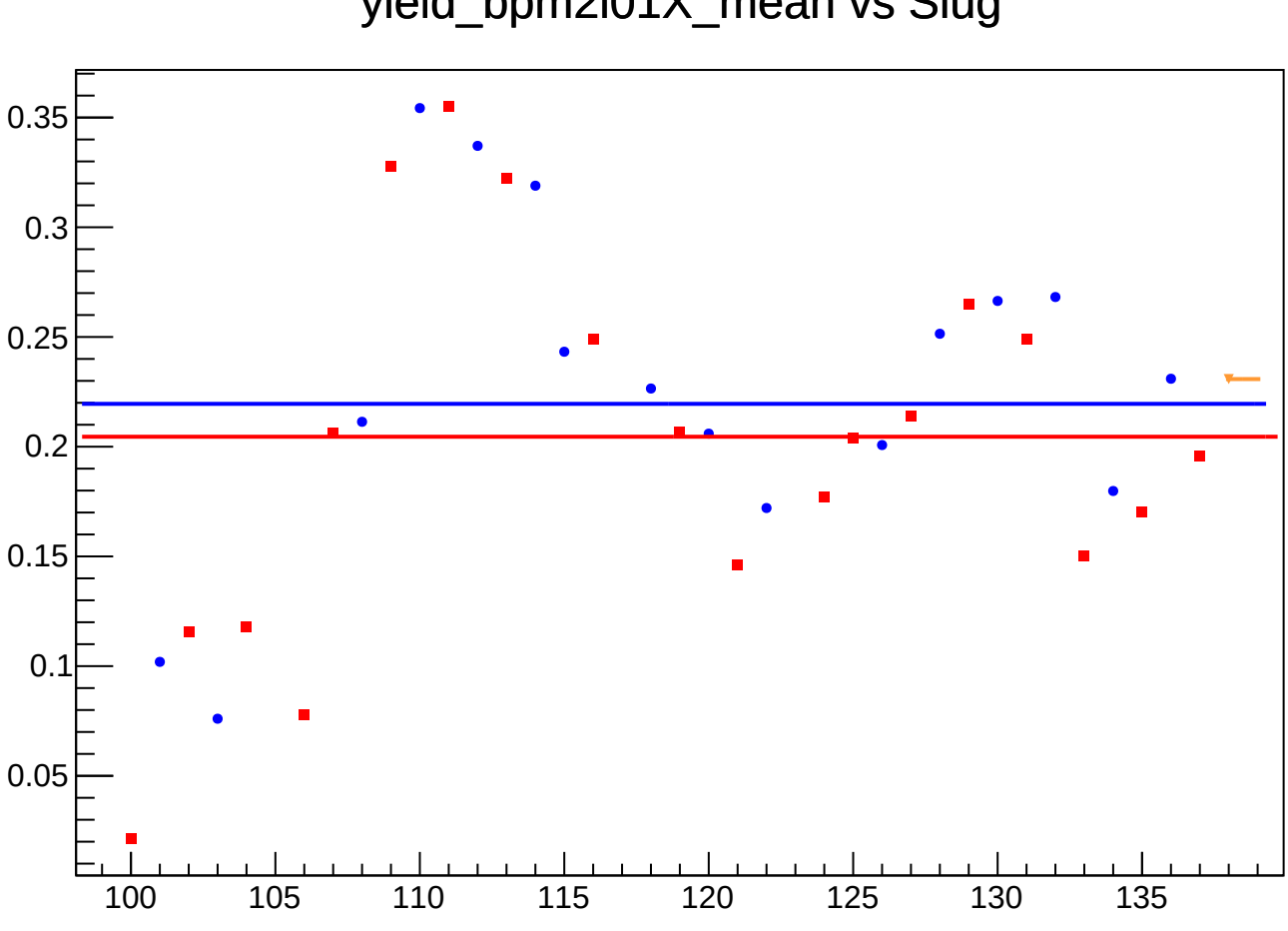
Right Out: 0.006+/-0.000 χ^2/NDF: 980583.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

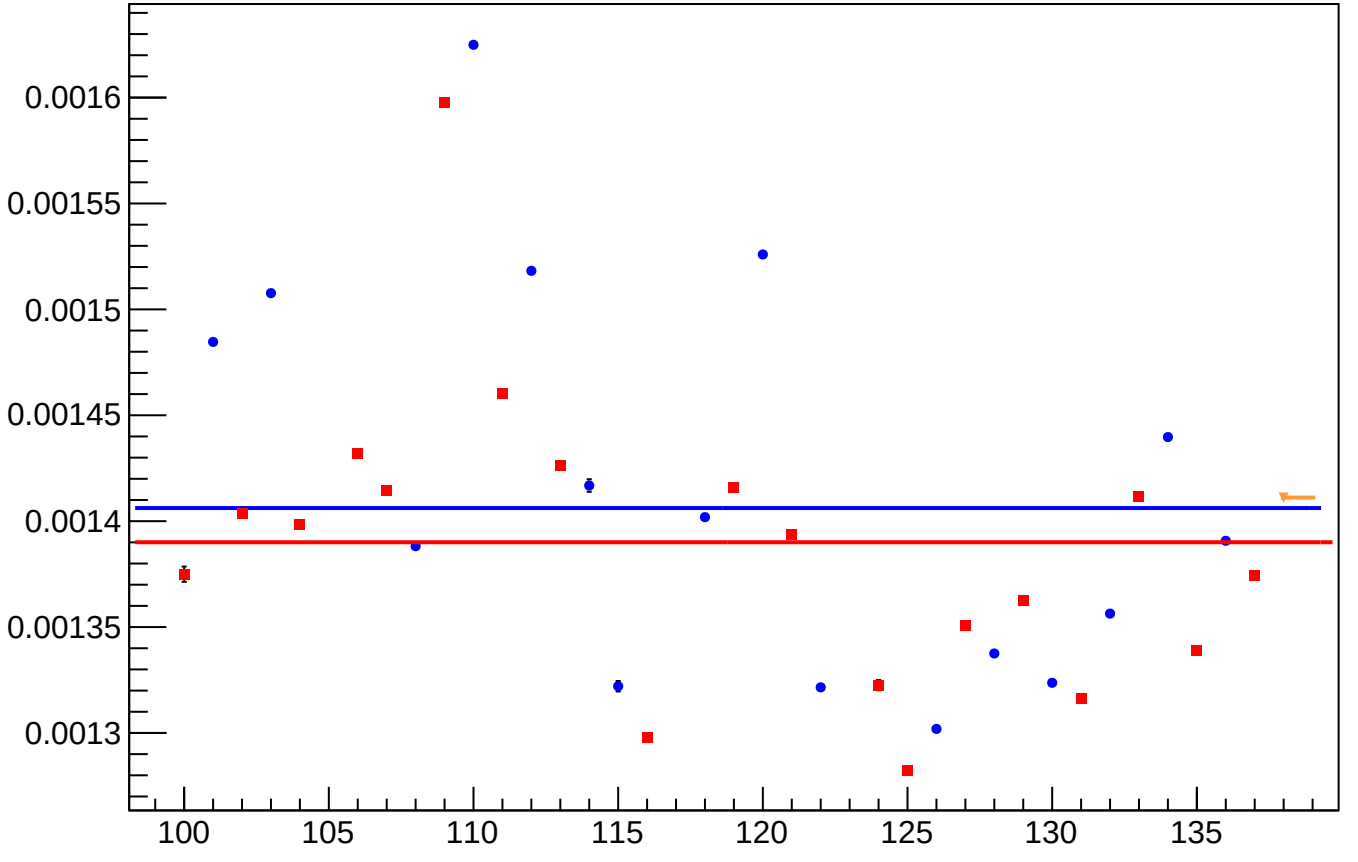
+ sign 0.005+/-0.000 χ^2/NDF: 1172861.7/16

All: 0.005+/-0.000 χ^2/NDF: 2178579.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm2i01X_mean vs Slug
0.35
0.3
0.25
0.2
0.15
0.1
0.05
100
105
110
115
120
125
130
135
Right In: 0.220+/-0.000 χ²/NDF: 16729743257.8/15
Left Out: 0.231+/-0.000 χ²/NDF:0.0/0
Right Out: 0.205+/-0.000 χ²/NDF: 22312377506.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.221+/-0.000 χ²/NDF: 16774348731.3/16
All: 0.213+/-0.000 χ²/NDF: 39585677663.5/3
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm2i01X_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 48200.9/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

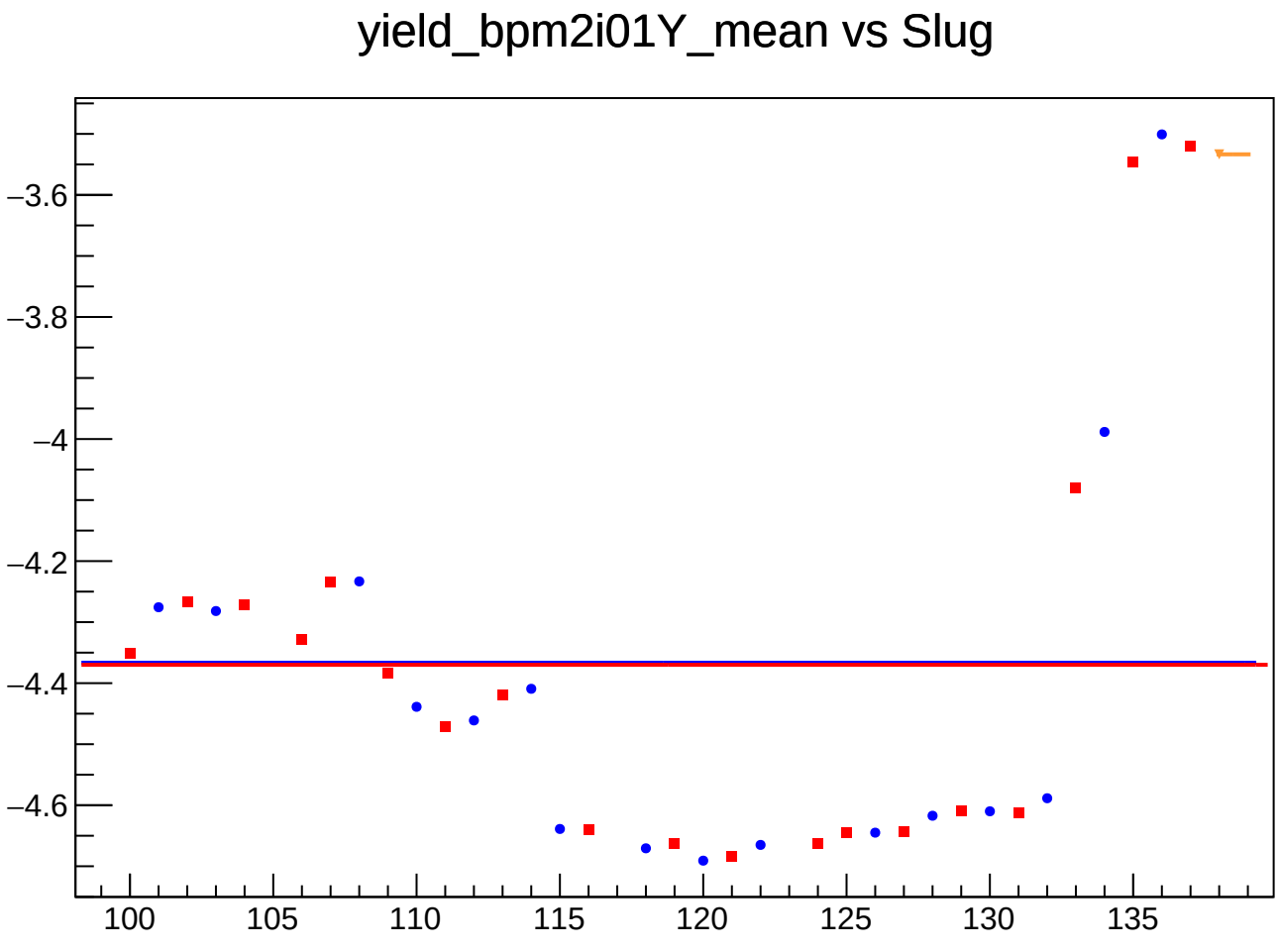
Right Out: 0.001+/-0.000 χ^2/NDF: 34786.9/18

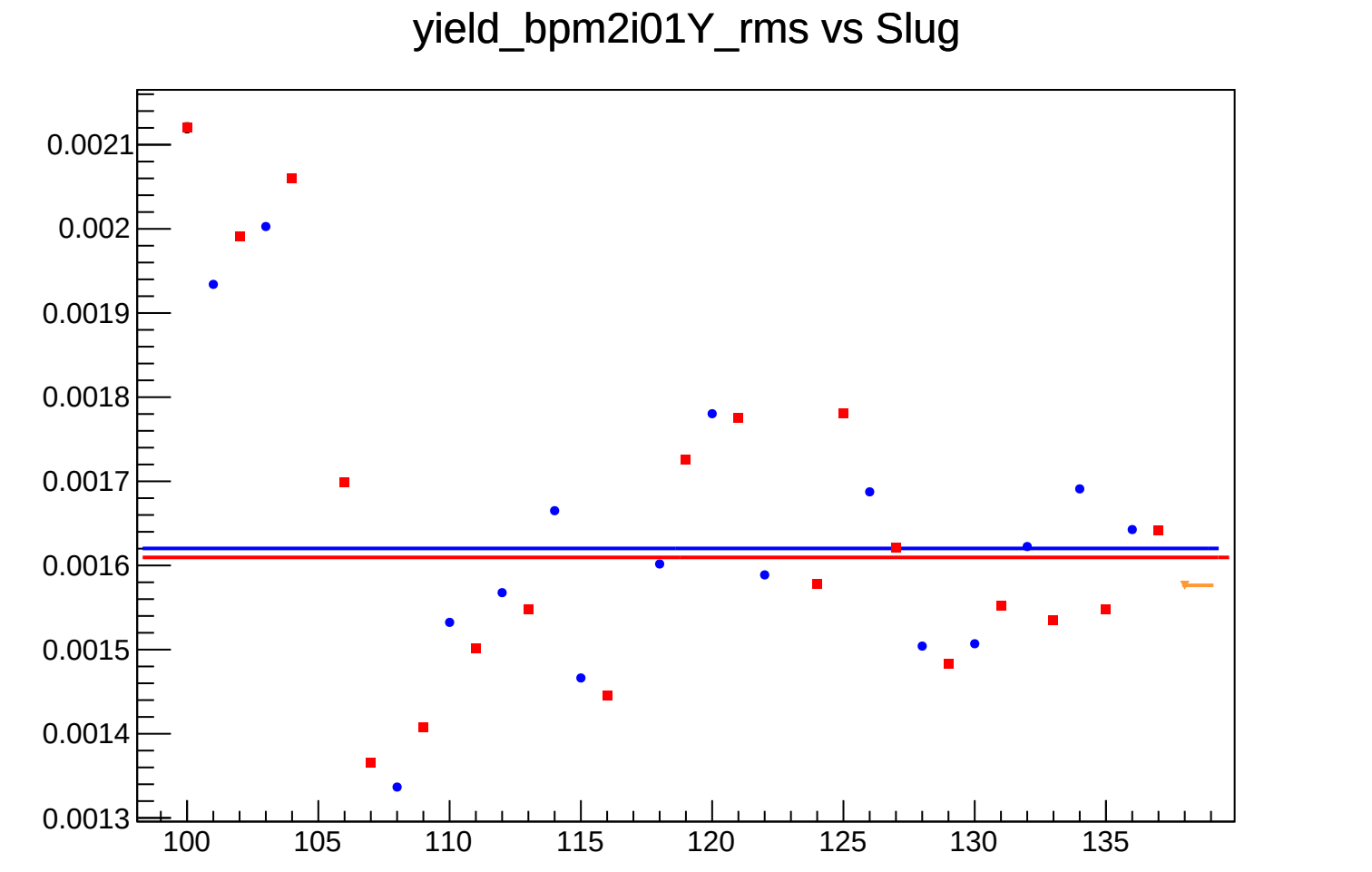
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 48217.9/16

All: 0.001+/-0.000 χ^2/NDF: 84069.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm2i01Y_mean vs Slug
−3.6
−3.8
−4
−4.2
−4.4
−4.6
100
105
110
115
120
125
130
135
Right In: -4.367+/-0.000 χ²/NDF: 353013303743.6/15
Left Out: -3.533+/-0.000 χ²/NDF:0.0/0
Right Out: -4.370+/-0.000 χ²/NDF: 296136368274.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -4.283+/-0.000 χ²/NDF: 534657086505.7/16
All: -4.325+/-0.000 χ²/NDF: 841418984881.8
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 140216.3/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF: 184968.0/18

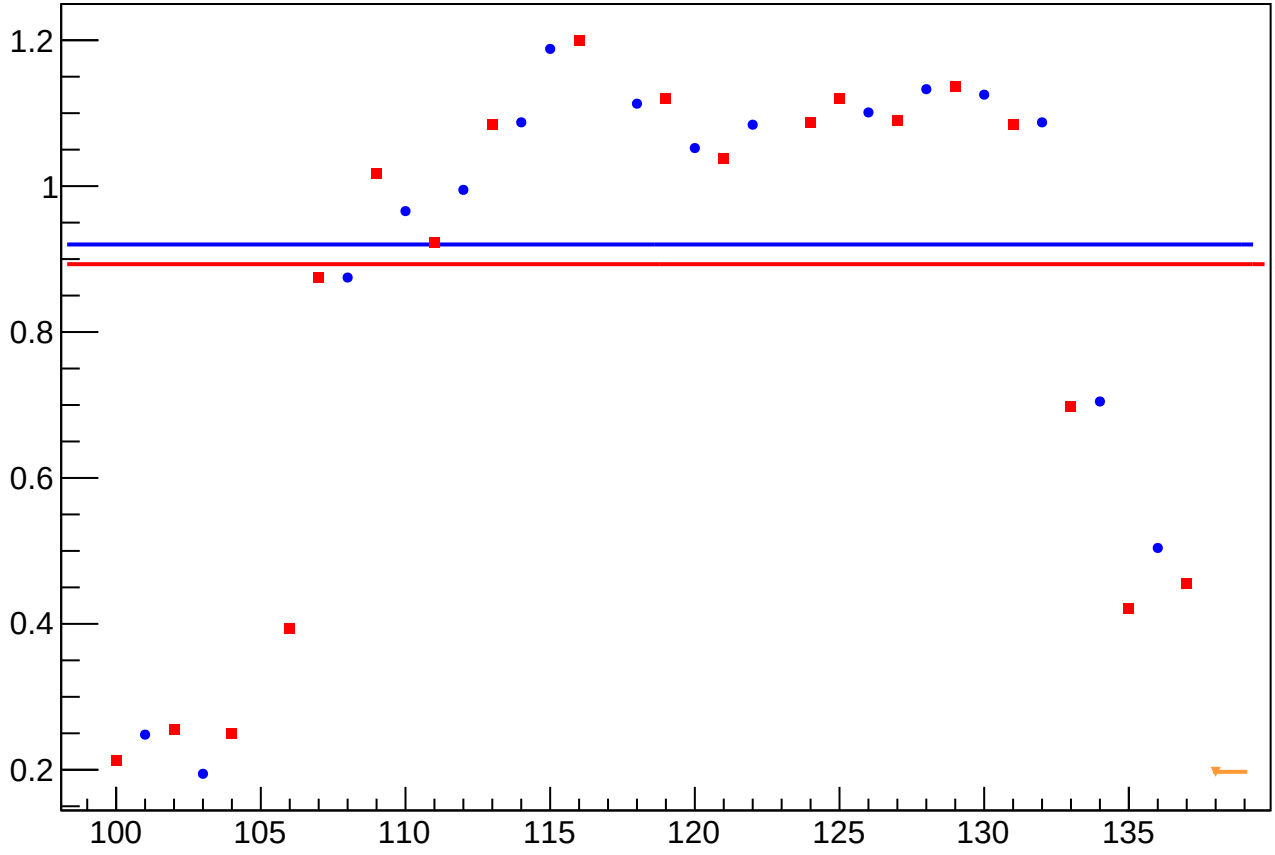
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 141223.3/16

All: 0.002+/-0.000 χ^2/NDF: 326302.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.920+/-0.000 χ^2/NDF: 14566431727.4/15

Left Out: 0.197+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.893+/-0.000 χ^2/NDF: 17642154019.1/18

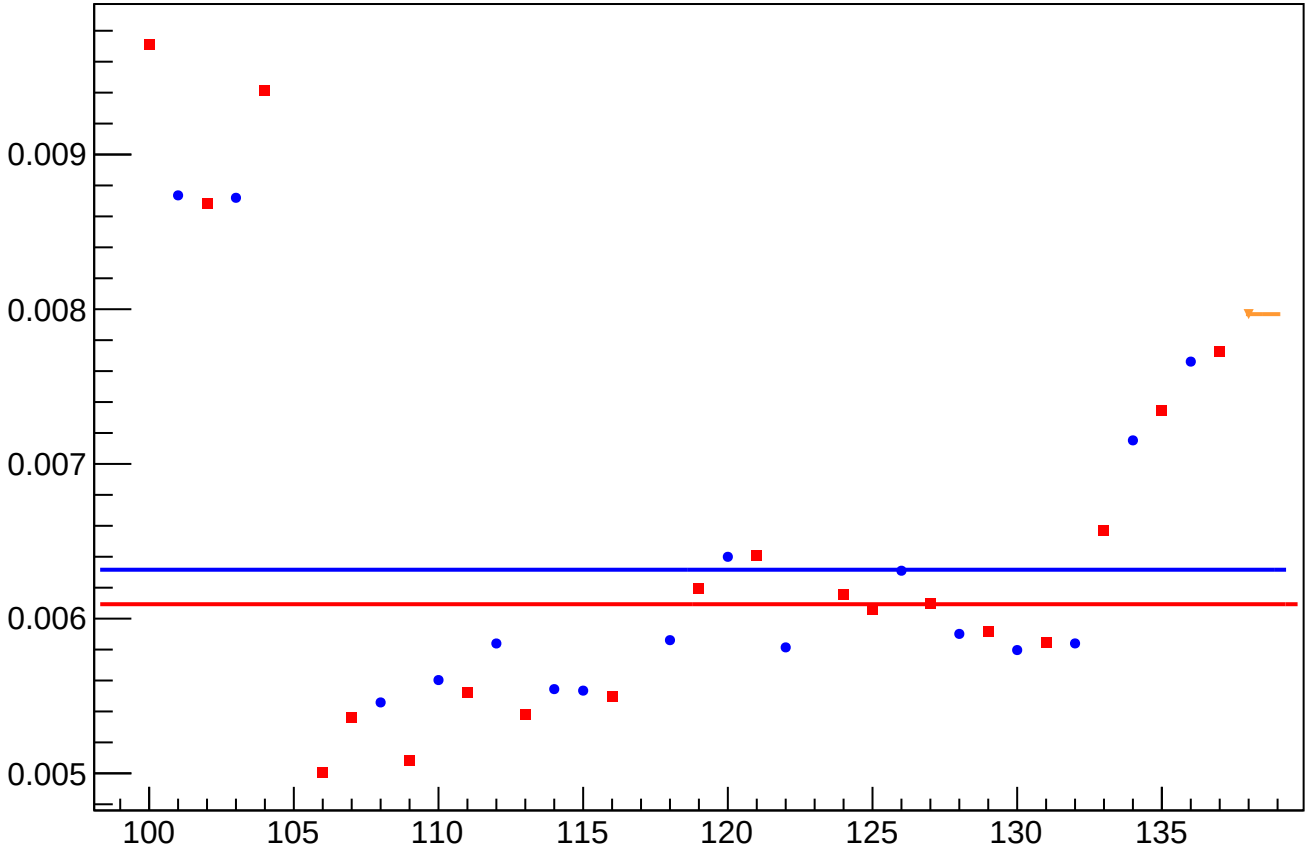
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.874+/-0.000 χ^2/NDF: 20456132018.9/16

All: 0.884+/-0.000 χ^2/NDF: 38134154219.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm2i02X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 335709.2/15

Left Out: 0.008+/-0.000 χ^2/NDF:0.0/0

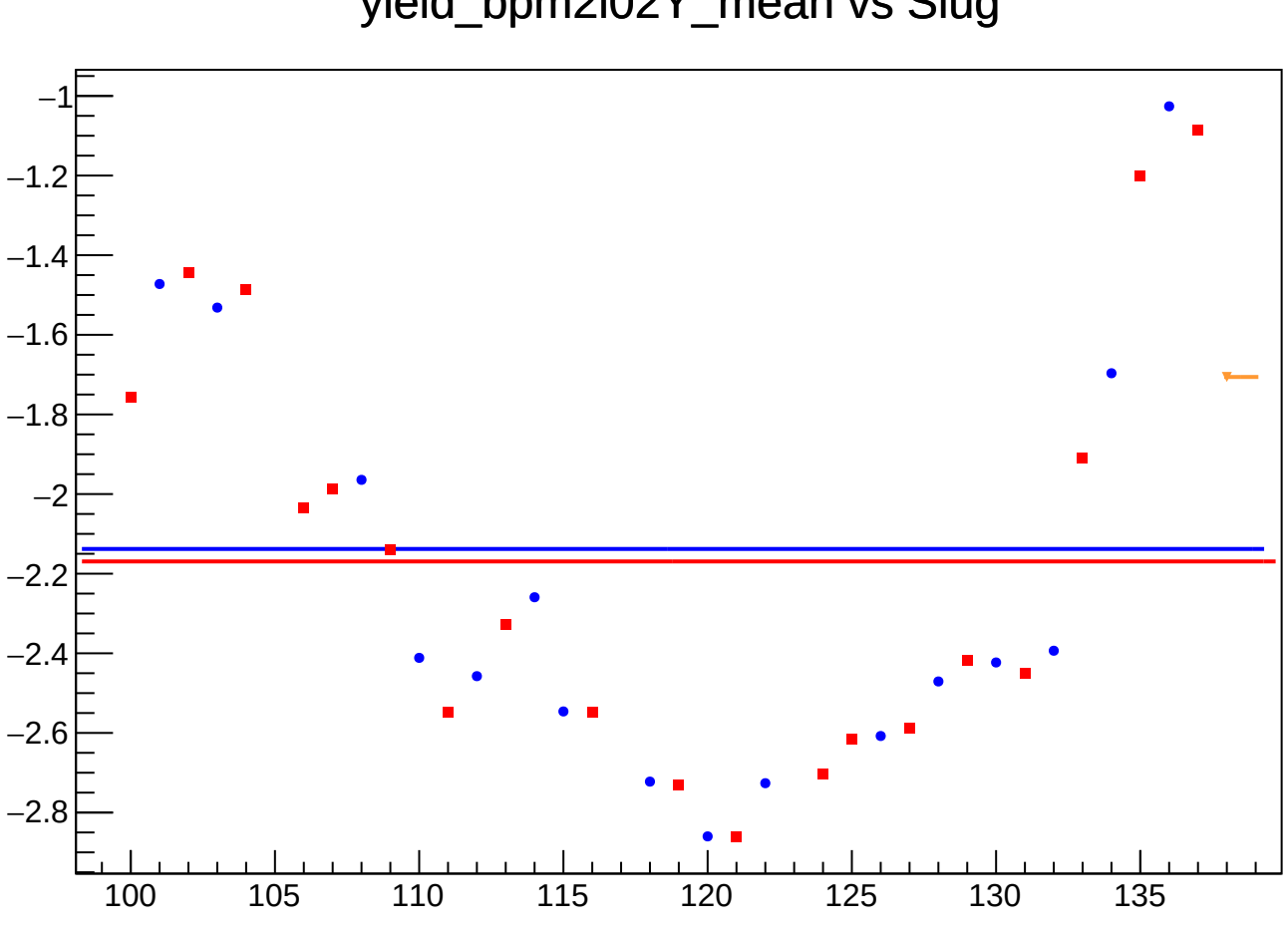
Right Out: 0.006+/-0.000 χ^2/NDF: 435933.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 397246.4/16

All: 0.006+/-0.000 χ^2/NDF: 853889.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.138+/-0.000 χ^2/NDF: 65666622158.4/15

Left Out: -1.706+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.169+/-0.000 χ^2/NDF: 57409196879.6/18

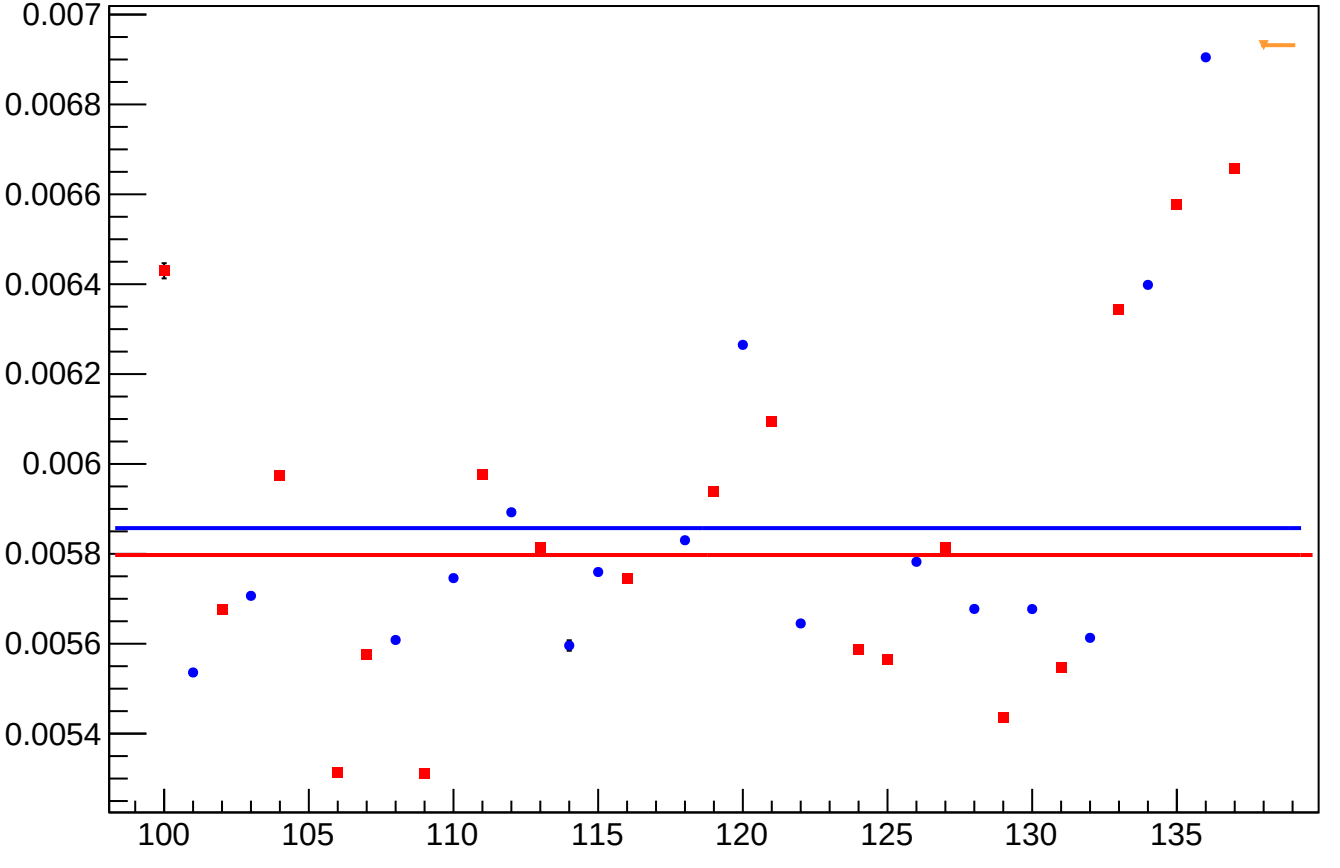
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.107+/-0.000 χ^2/NDF: 68463498799.0/16

All: -2.138+/-0.000 χ^2/NDF: 126306633458.6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm2i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 61946.9/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

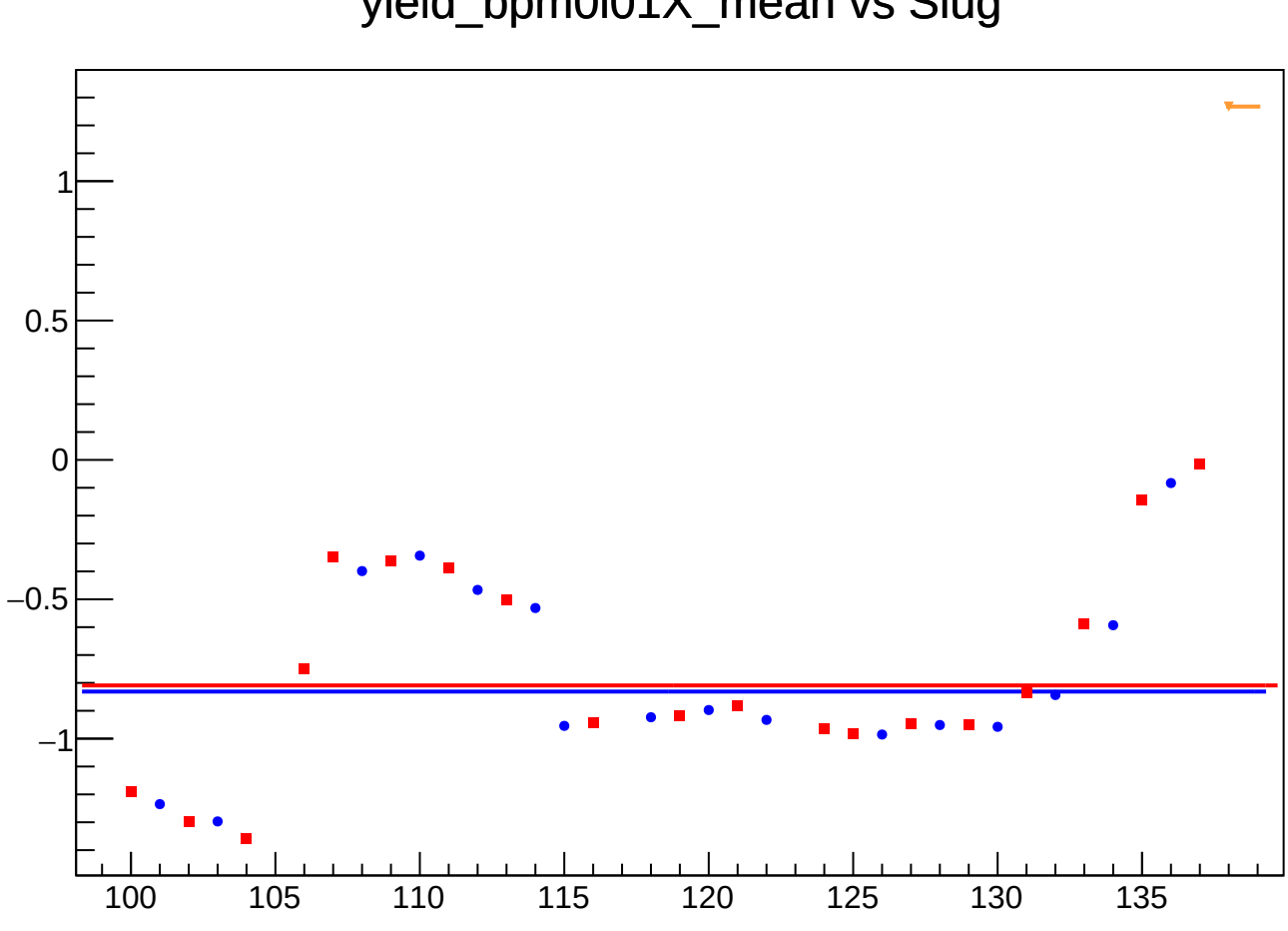
Right Out: 0.006+/-0.000 χ^2/NDF: 56374.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 96566.7/16

All: 0.006+/-0.000 χ^2/NDF: 157123.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.831+/-0.000 χ^2/NDF: 7112259663.3/15

Left Out: 1.268+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.809+/-0.000 χ^2/NDF: 8146337898.7/18

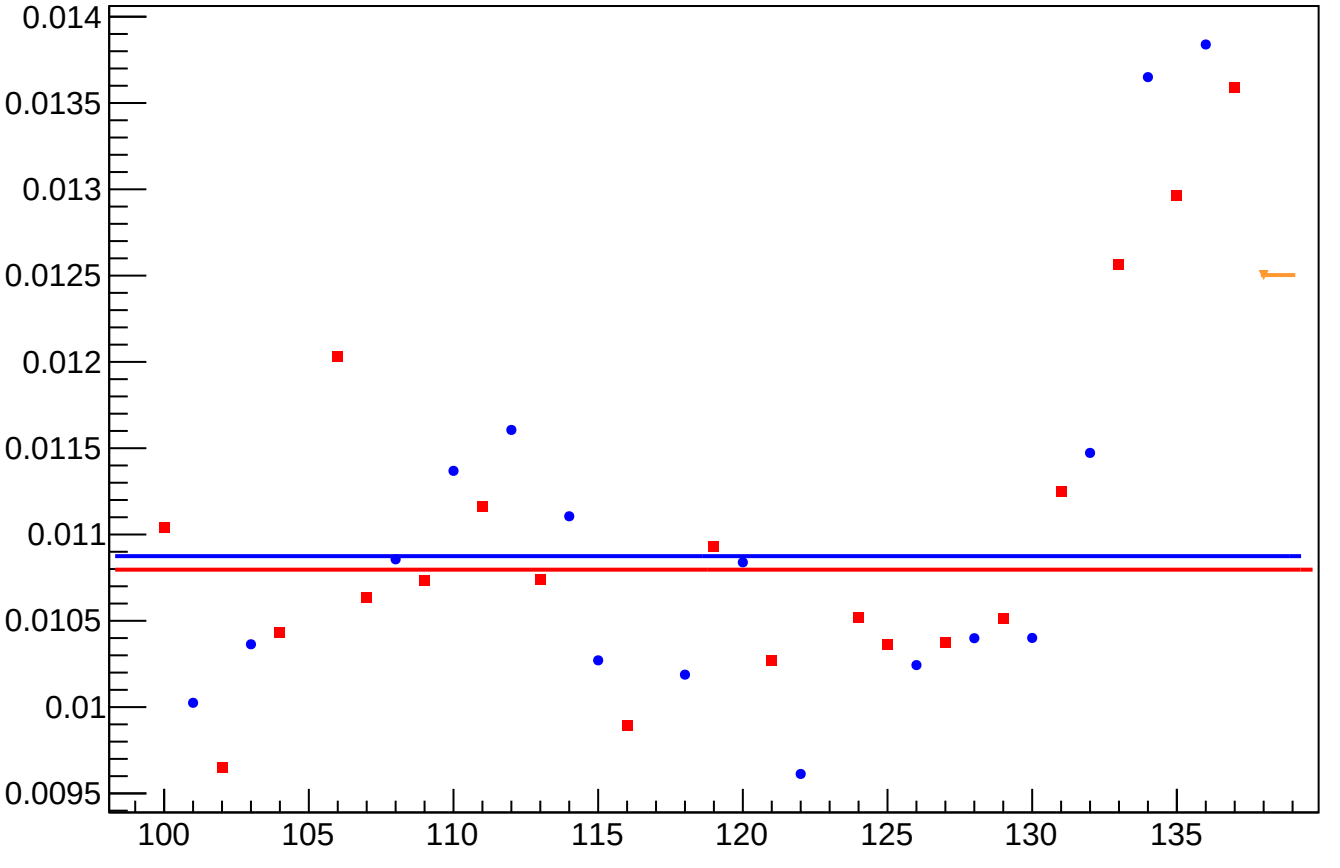
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.672+/-0.000 χ^2/NDF: 27029169953.4/16

All: -0.739+/-0.000 χ^2/NDF: 35772727519.6/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 157612.7/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

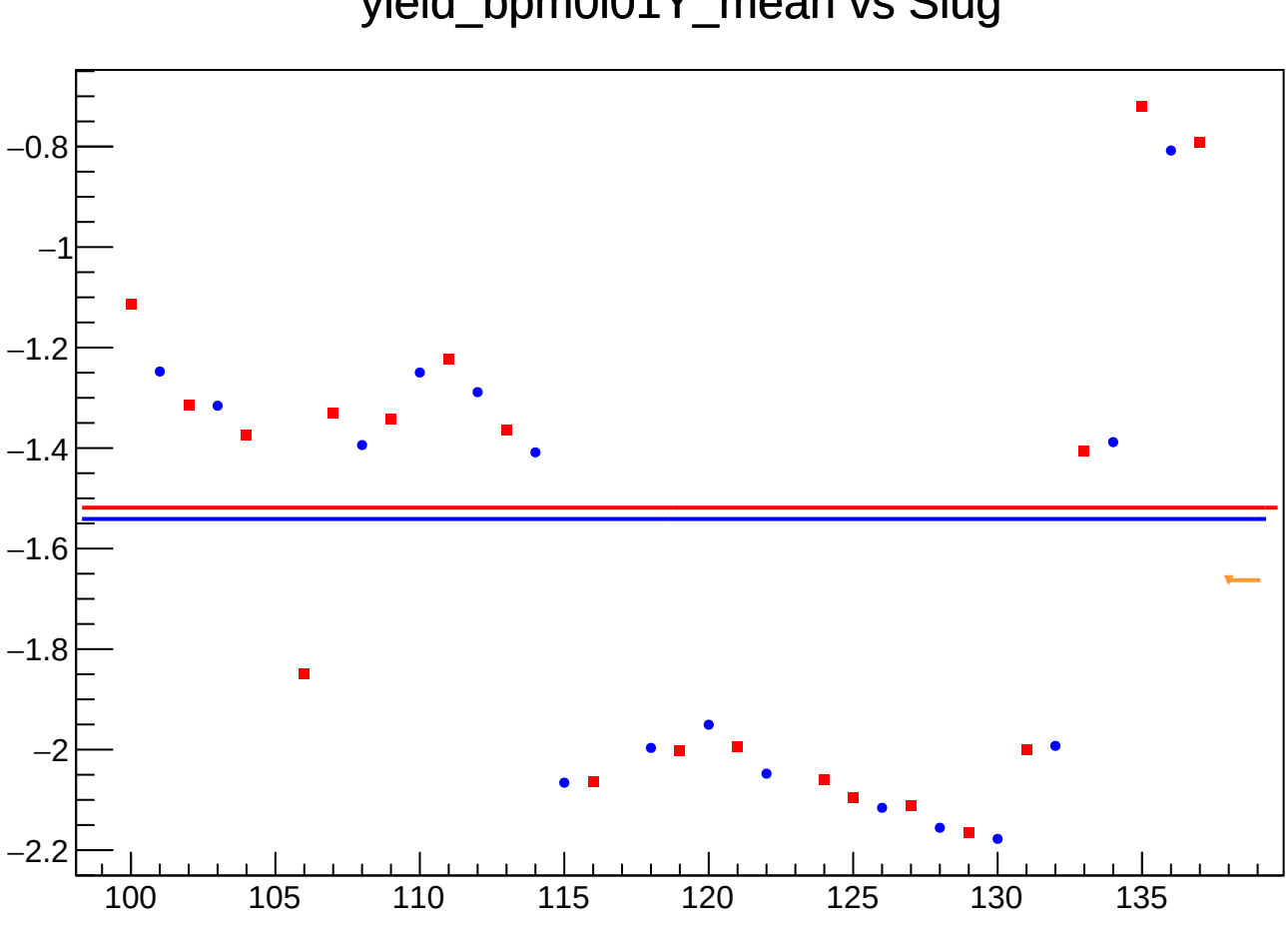
Right Out: 0.011+/-0.000 χ^2/NDF: 99122.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.000 χ^2/NDF: 181599.5/16

All: 0.011+/-0.000 χ^2/NDF: 283301.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.541+/-0.000 χ^2/NDF: 162409397922.2/15

Left Out: -1.663+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.519+/-0.000 χ^2/NDF: 145077318641.2/18

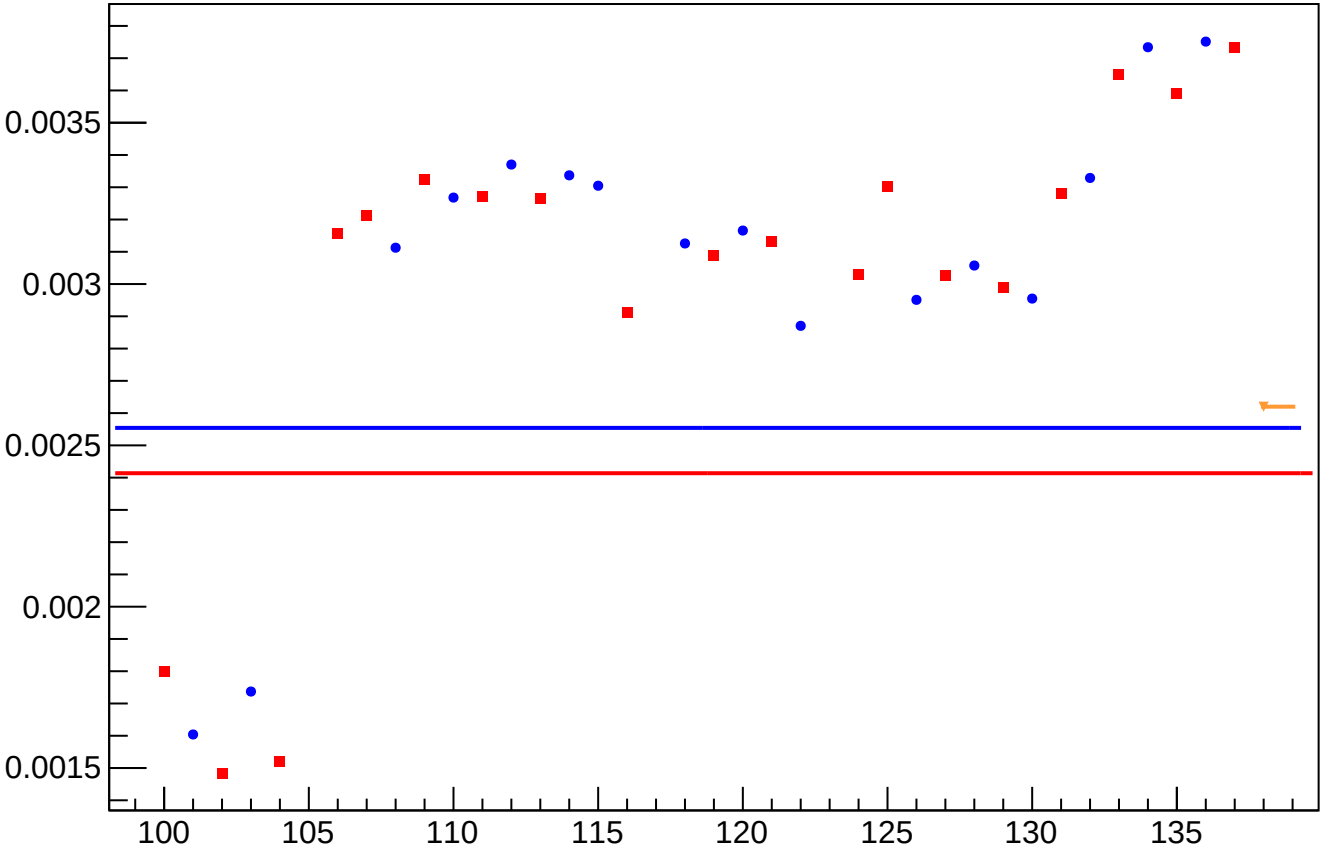
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.554+/-0.000 χ^2/NDF: 163844782268.2/16

All: -1.536+/-0.000 χ^2/NDF: 309557497714.3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 1172434.9/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

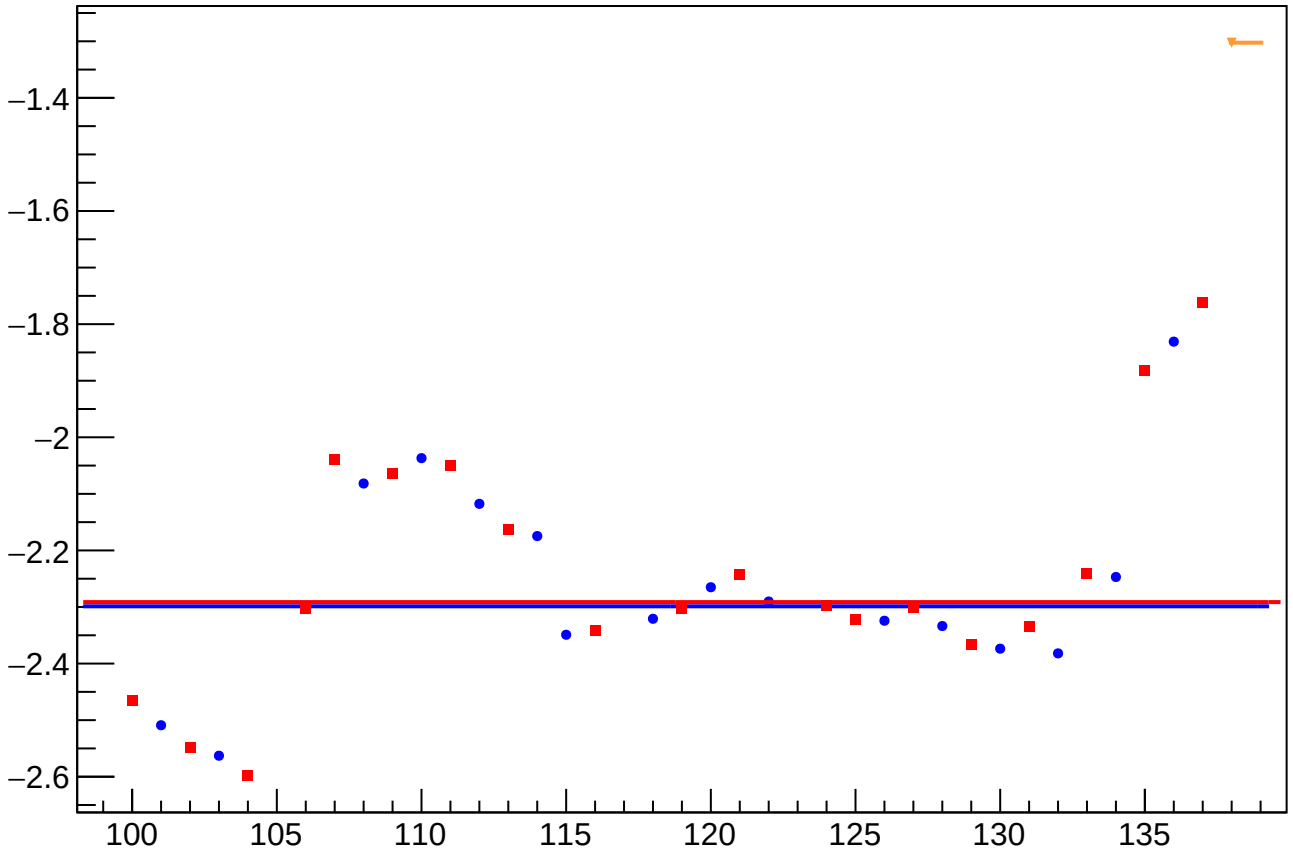
Right Out: 0.002+/-0.000 χ^2/NDF: 1546830.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 1173271.3/16

All: 0.002+/-0.000 χ^2/NDF: 2742389.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.299+/-0.000 χ^2/NDF: 6129071089.8/15

Left Out: -1.302+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.291+/-0.000 χ^2/NDF: 6831007568.9/18

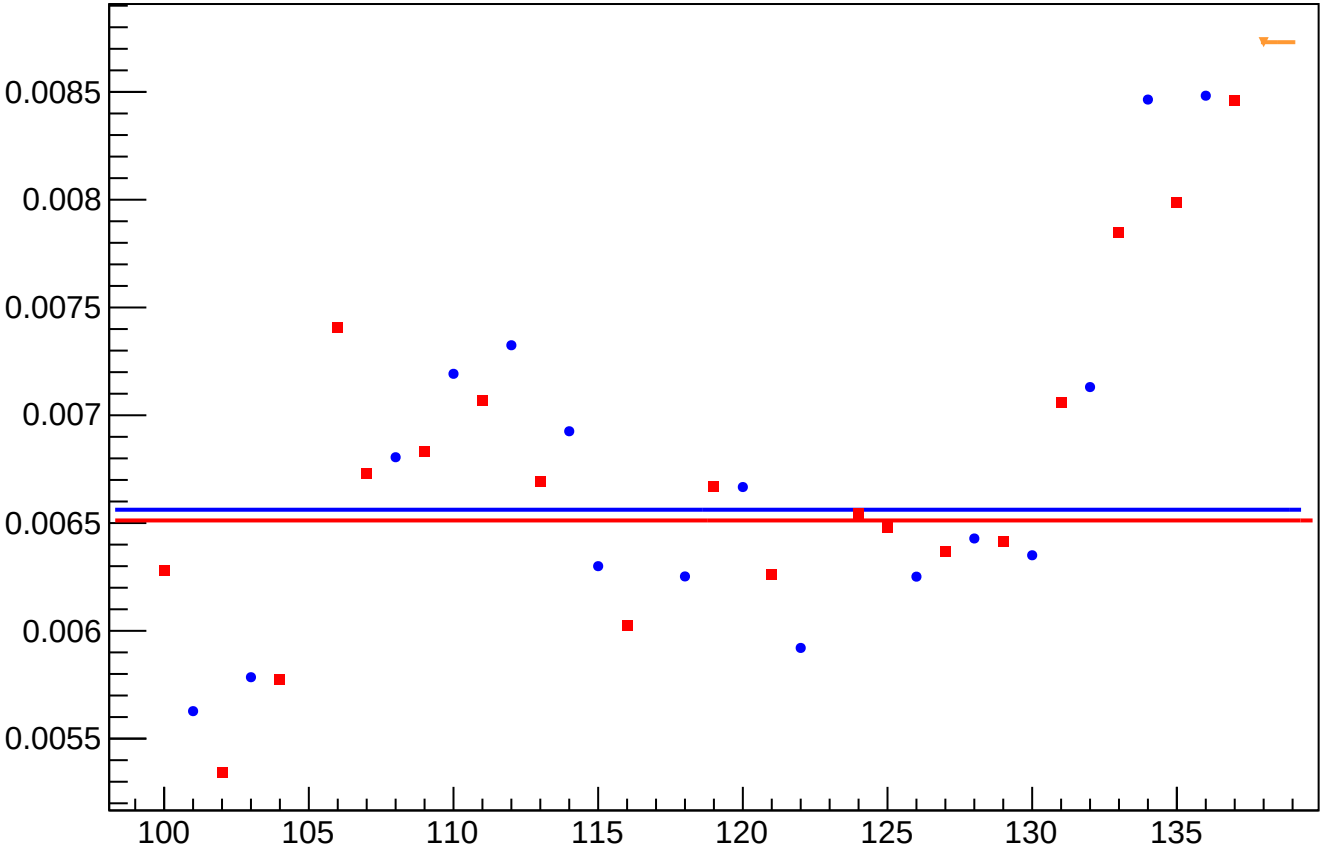
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.240+/-0.000 χ^2/NDF: 15476492480.2/16

All: -2.266+/-0.000 χ^2/NDF: 22526577193.5/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i01aX_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 221890.3/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

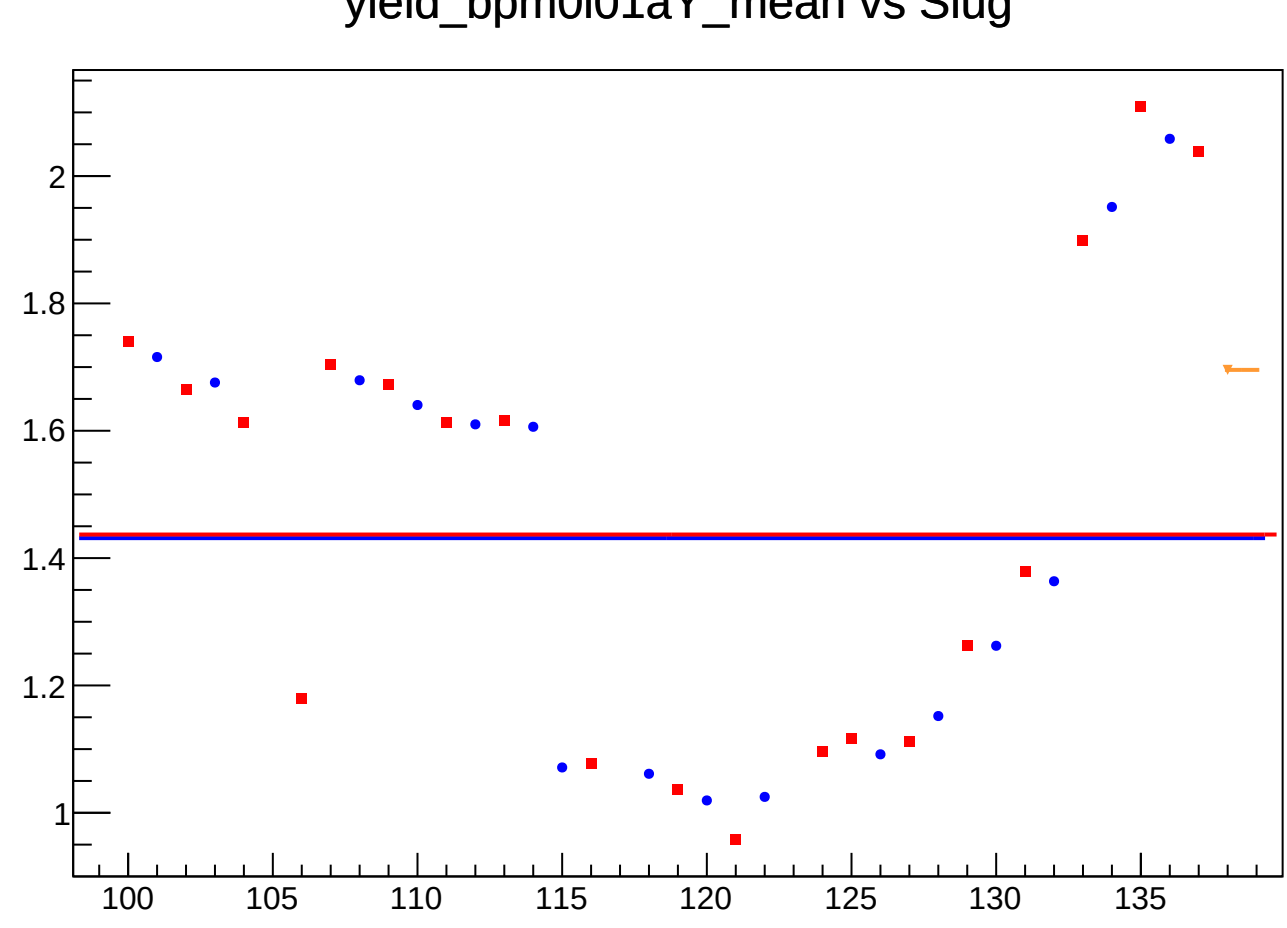
Right Out: 0.007+/-0.000 χ^2/NDF: 184961.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 310479.2/16

All: 0.007+/-0.000 χ^2/NDF: 500725.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.431+/-0.000 χ^2/NDF: 189180734956.1/15

Left Out: 1.696+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.437+/-0.000 χ^2/NDF: 182019221175.5/18

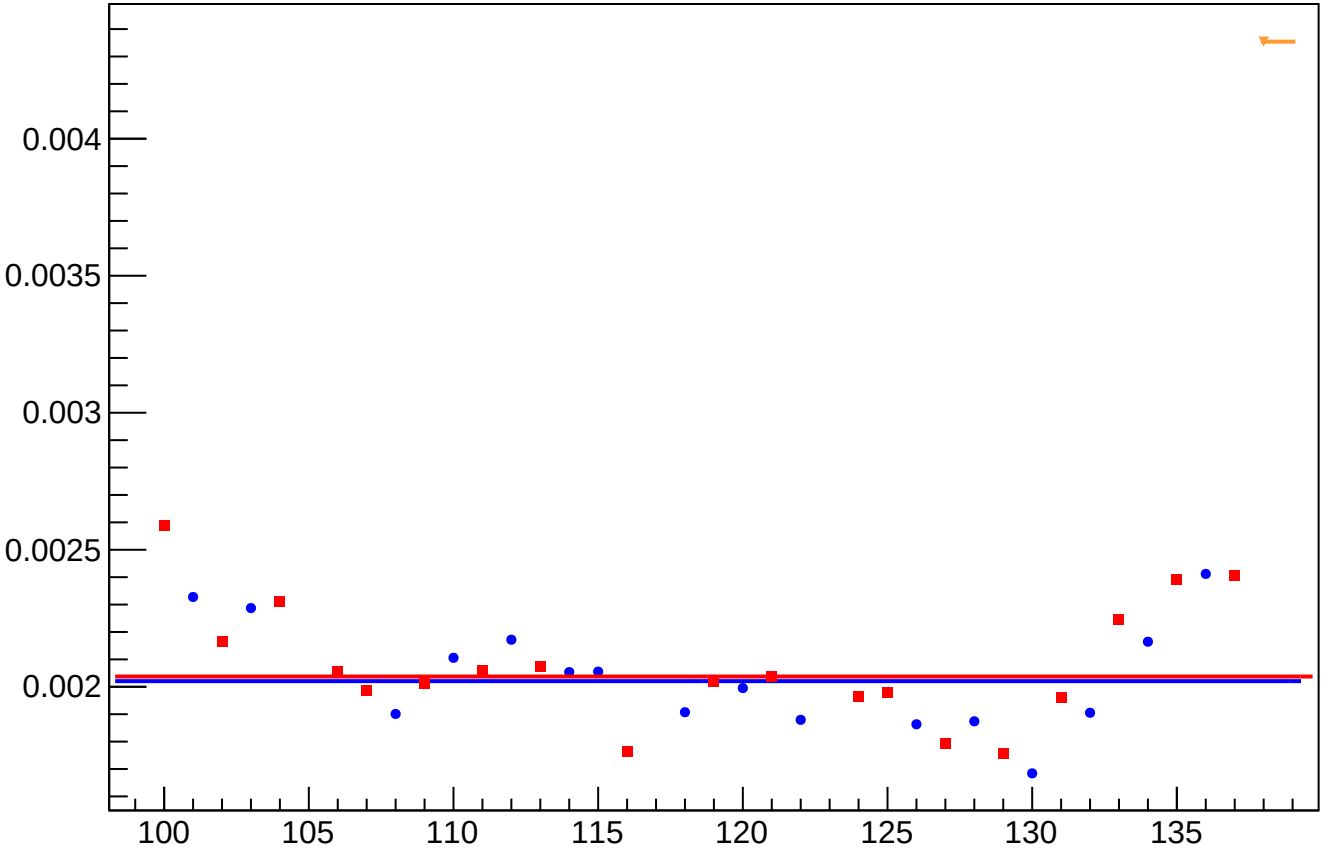
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.438+/-0.000 χ^2/NDF: 191924425680.1/16

All: 1.437+/-0.000 χ^2/NDF: 373944063955.7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 154923.3/15

Left Out: 0.004+/-0.000 χ^2/NDF:0.0/0

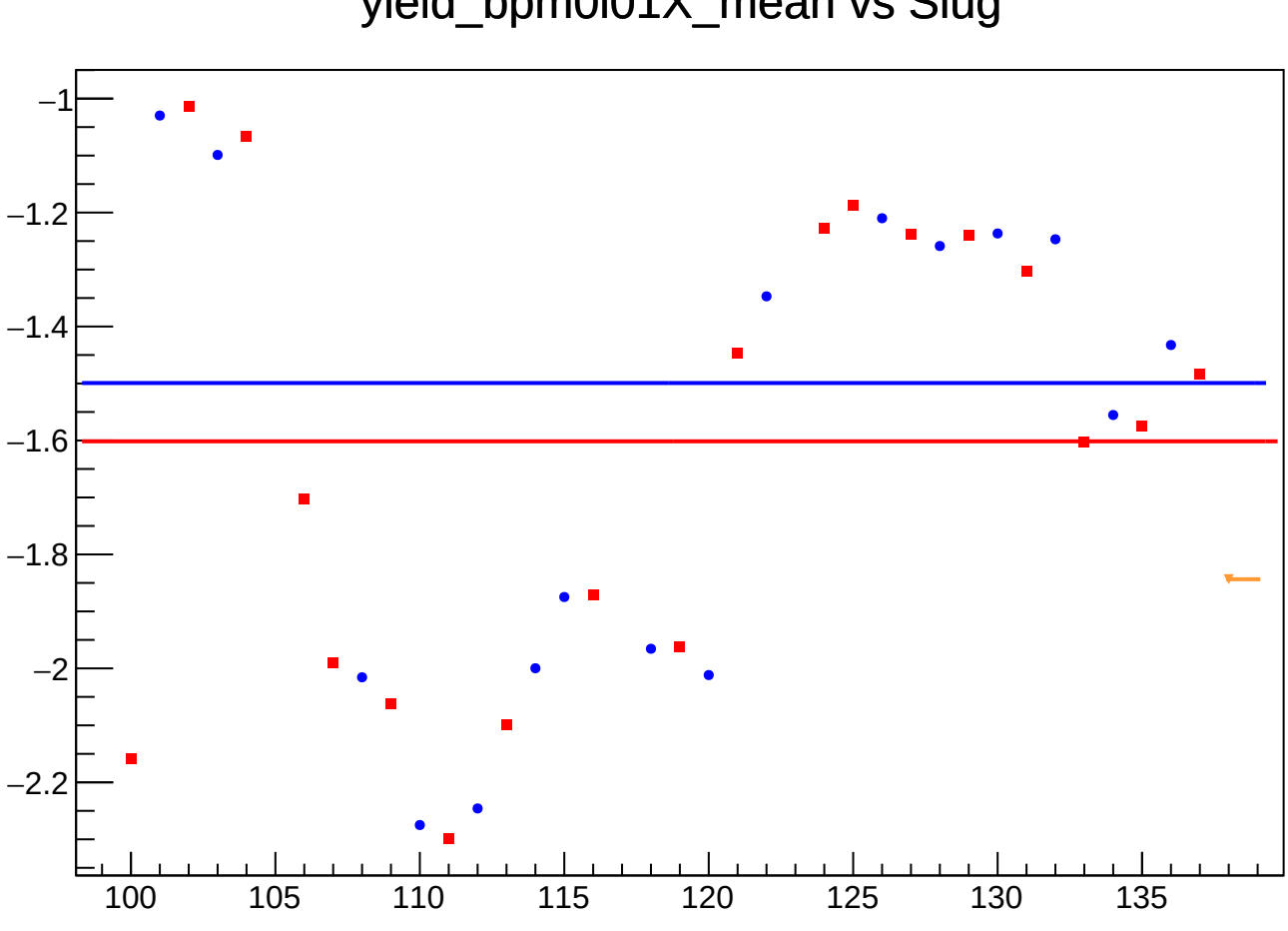
Right Out: 0.002+/-0.000 χ^2/NDF: 113640.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

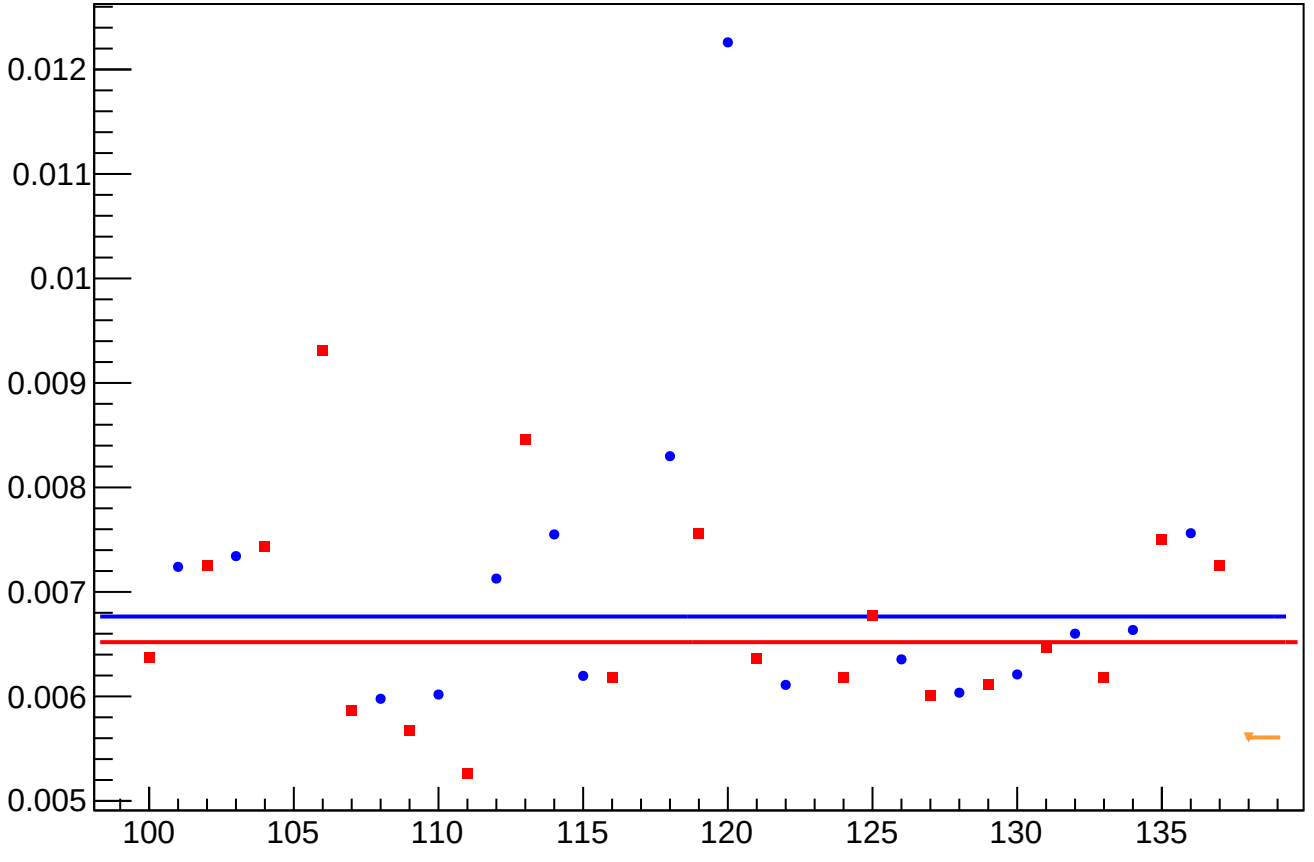
+ sign 0.002+/-0.000 χ^2/NDF: 582861.7/16

All: 0.002+/-0.000 χ^2/NDF: 699078.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm0l01X_mean vs Slug
−1
−1.2
−1.4
−1.6
−1.8
−2
−2.2
100
105
110
115
120
125
130
135
Right In: -1.499+/-0.000 χ²/NDF: 22930357522.2/15
Left Out: -1.844+/-0.000 χ²/NDF:0.0/0
Right Out: -1.601+/-0.000 χ²/NDF: 28324914147.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -1.549+/-0.000 χ²/NDF: 25372108919.2/16
All: -1.575+/-0.000 χ²/NDF: 53921345852.9/
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 238566.1/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

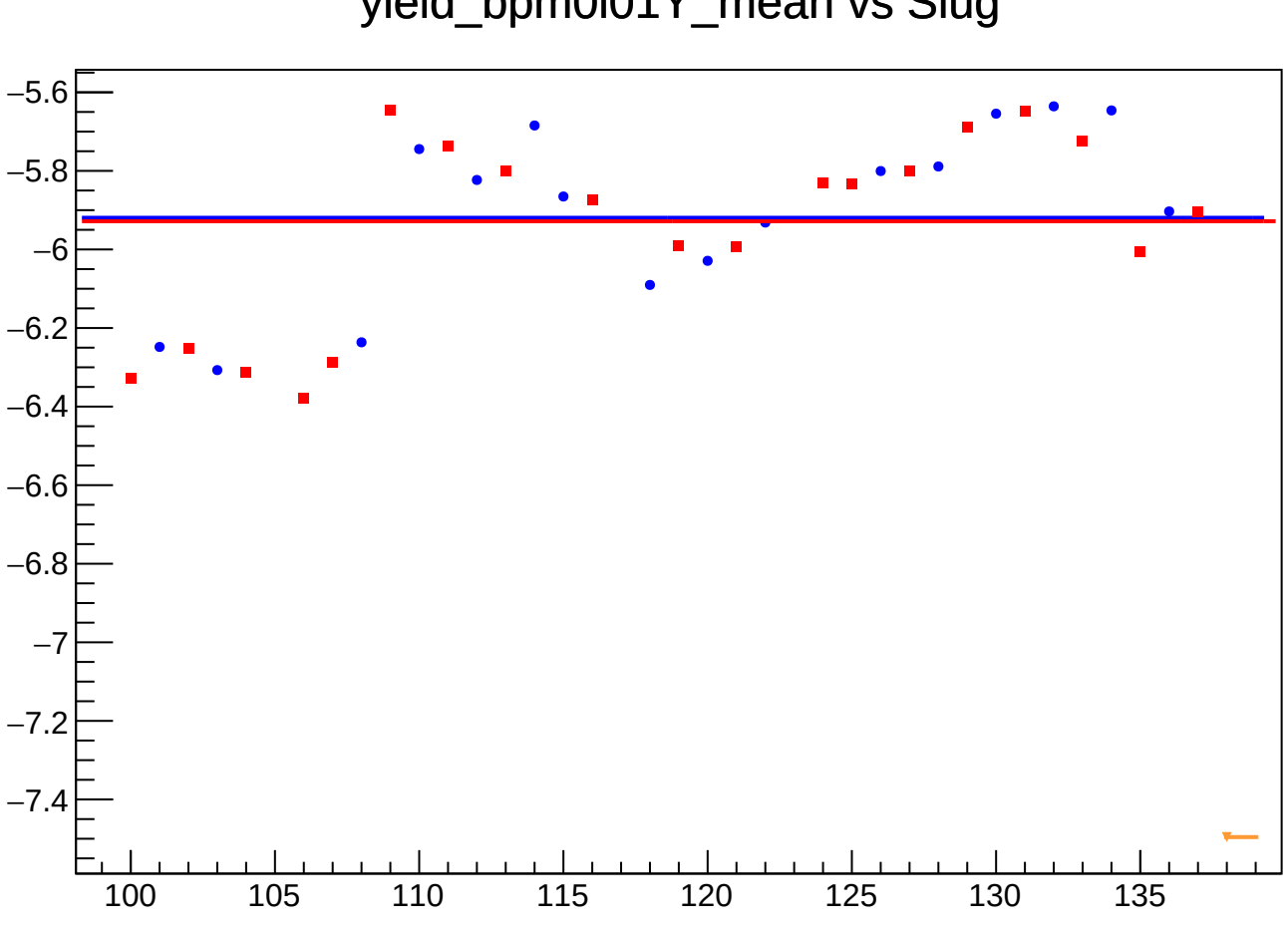
Right Out: 0.007+/-0.000 χ^2/NDF: 245428.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 293717.4/16

All: 0.007+/-0.000 χ^2/NDF: 540122.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -5.919+/-0.000 χ^2/NDF: 11742457053.3/15

Left Out: -7.496+/-0.000 χ^2/NDF:0.0/0

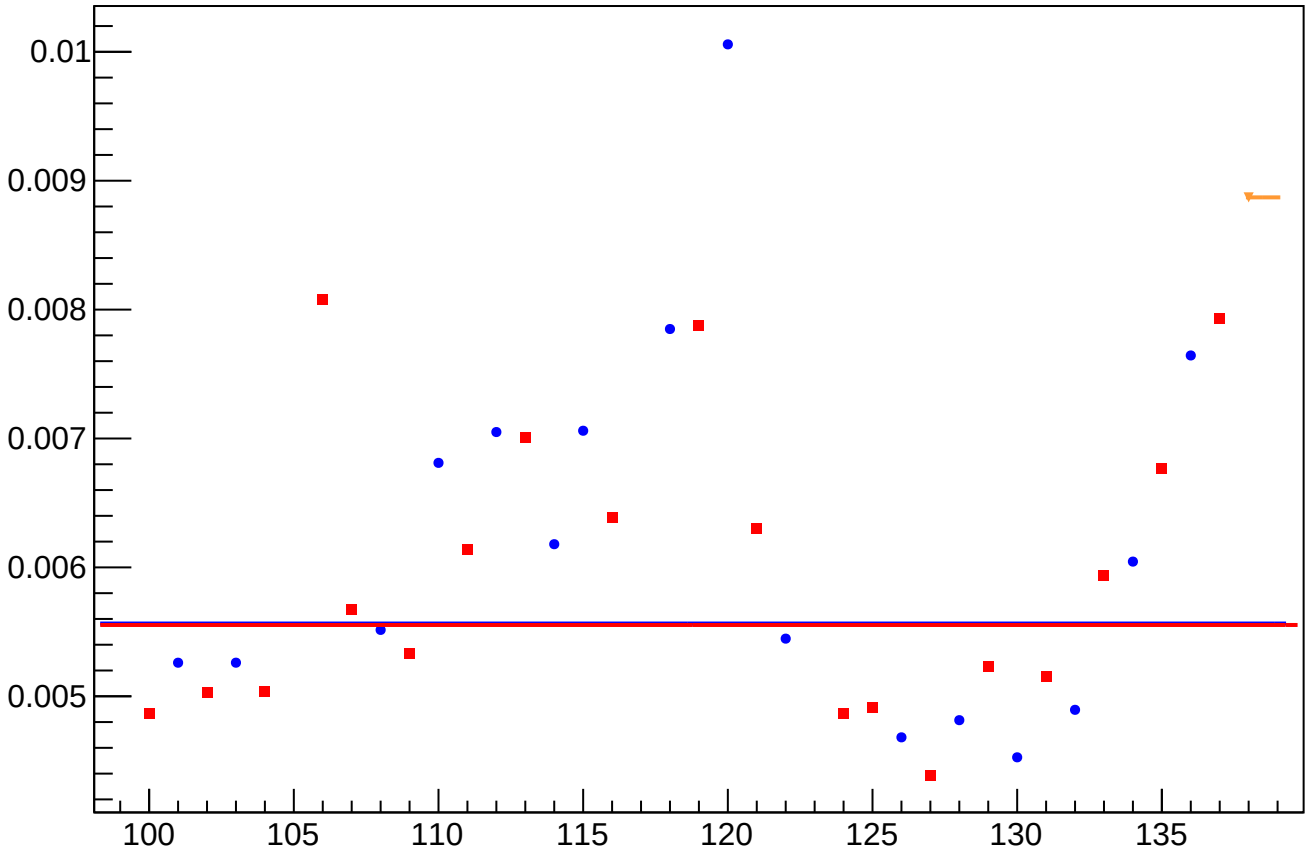
Right Out: -5.928+/-0.000 χ^2/NDF: 12641528579.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.972+/-0.000 χ^2/NDF: 28238567485.8/16

All: -5.950+/-0.000 χ^2/NDF: 41082056510.8/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.006+/-0.000 χ^2/NDF: 495546.3/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

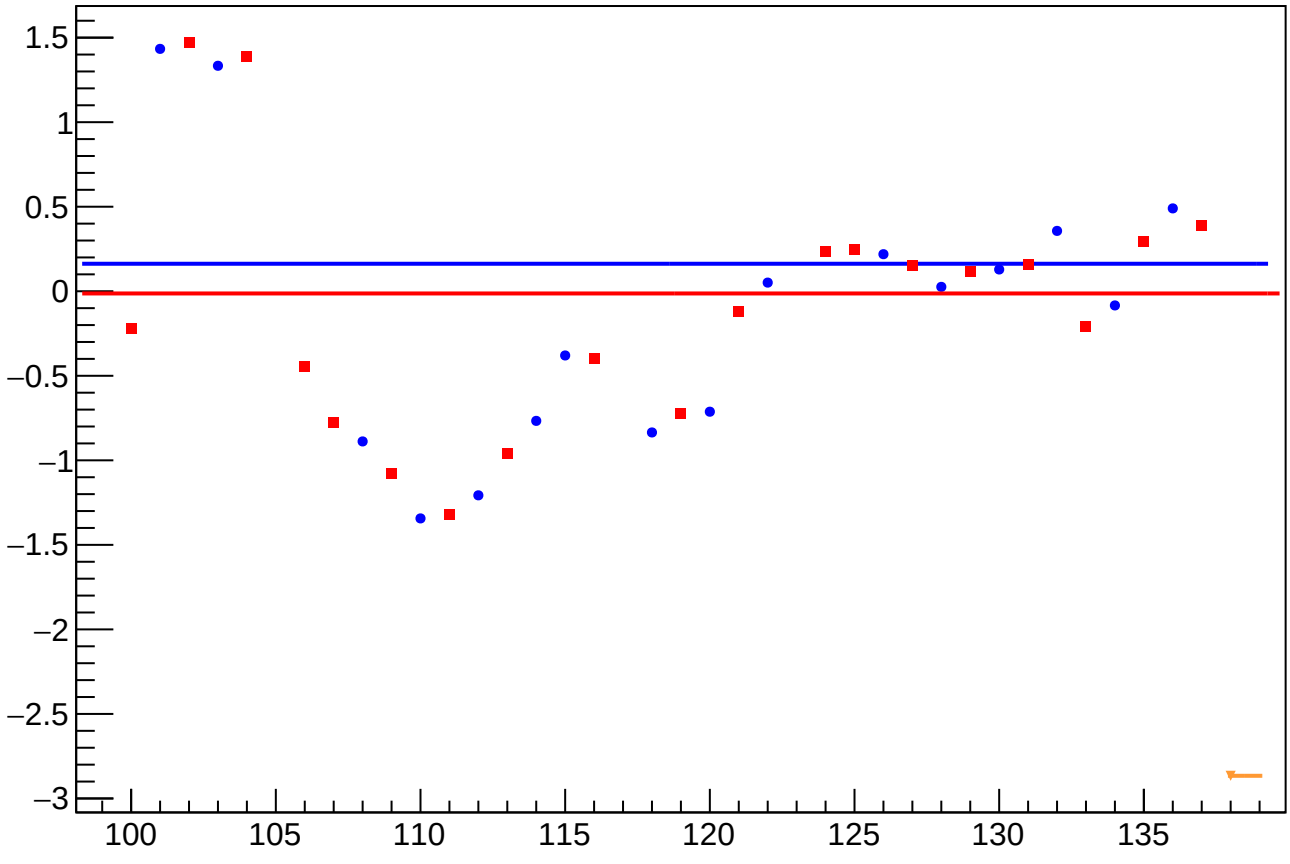
Right Out: 0.006+/-0.000 χ^2/NDF: 364541.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 640682.8/16

All: 0.006+/-0.000 χ^2/NDF: 1008311.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.163+/-0.000 χ^2/NDF: 17940034444.3/15

Left Out: -2.866+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.013+/-0.000 χ^2/NDF: 22484002798.8/18

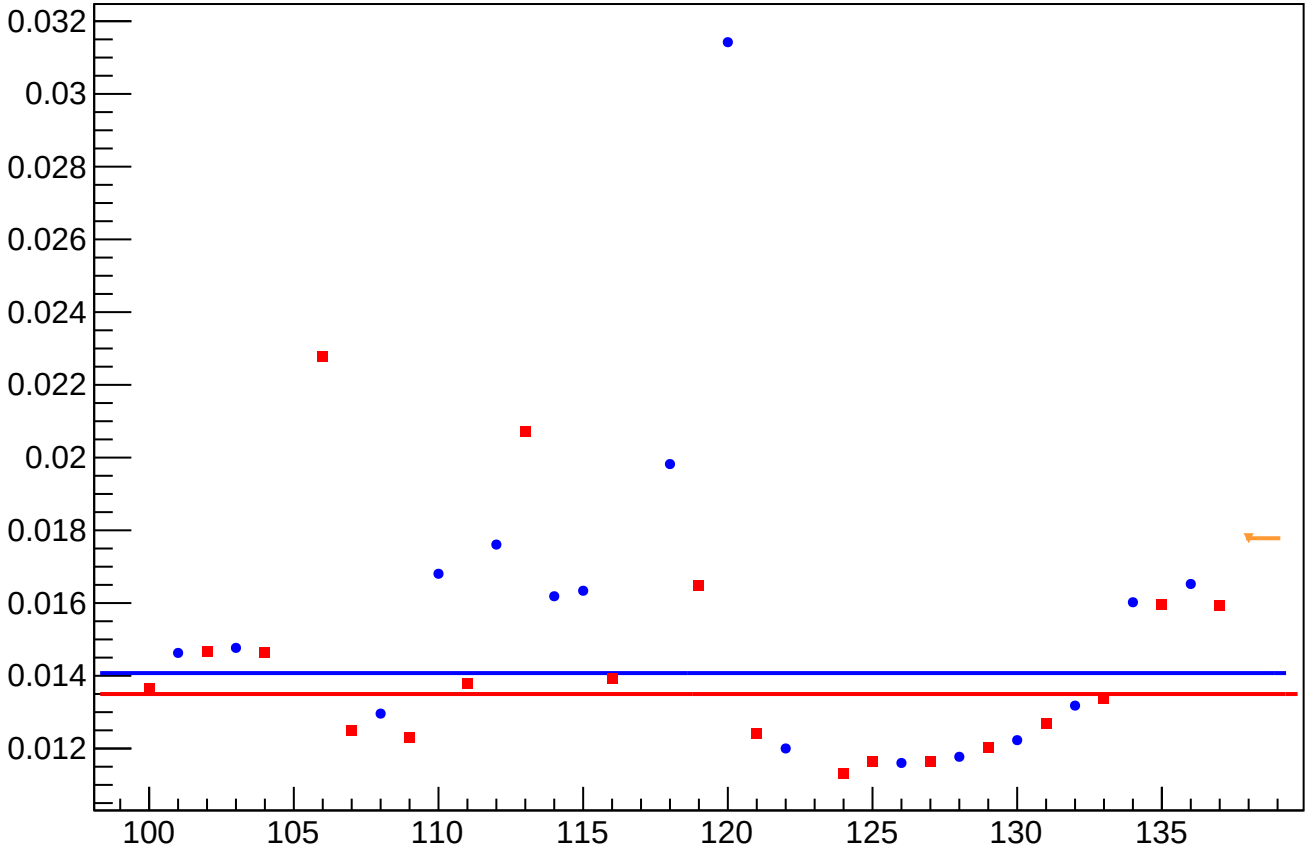
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.038+/-0.000 χ^2/NDF: 37274087616.0/16

All: -0.025+/-0.000 χ^2/NDF: 59769062451.1/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 465421.6/15

Left Out: 0.018+/-0.000 χ^2/NDF:0.0/0

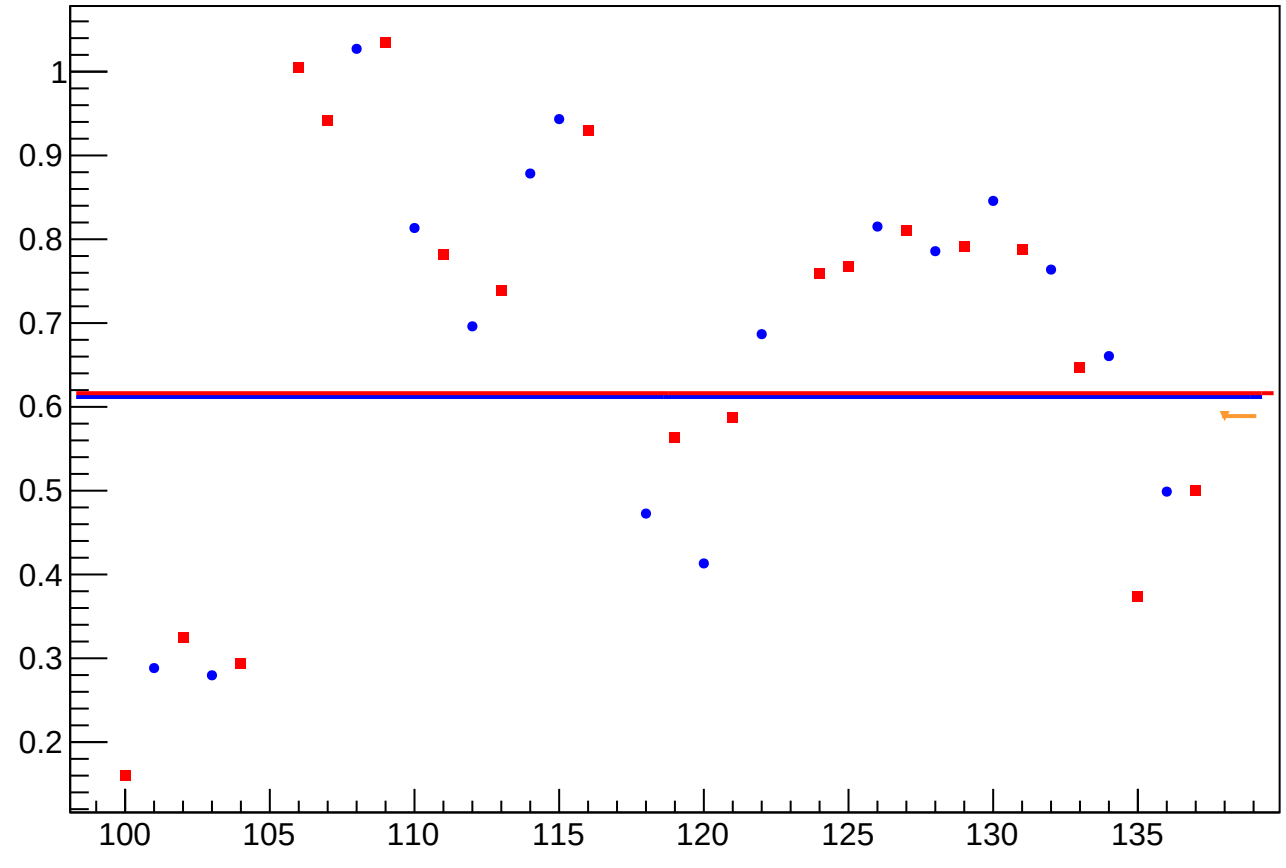
Right Out: 0.013+/-0.000 χ^2/NDF: 314810.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.014+/-0.000 χ^2/NDF: 523379.8/16

All: 0.014+/-0.000 χ^2/NDF: 862180.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.612+/-0.000 χ^2/NDF: 5639014502.0/15

Left Out: 0.589+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.616+/-0.000 χ^2/NDF: 6419512040.7/18

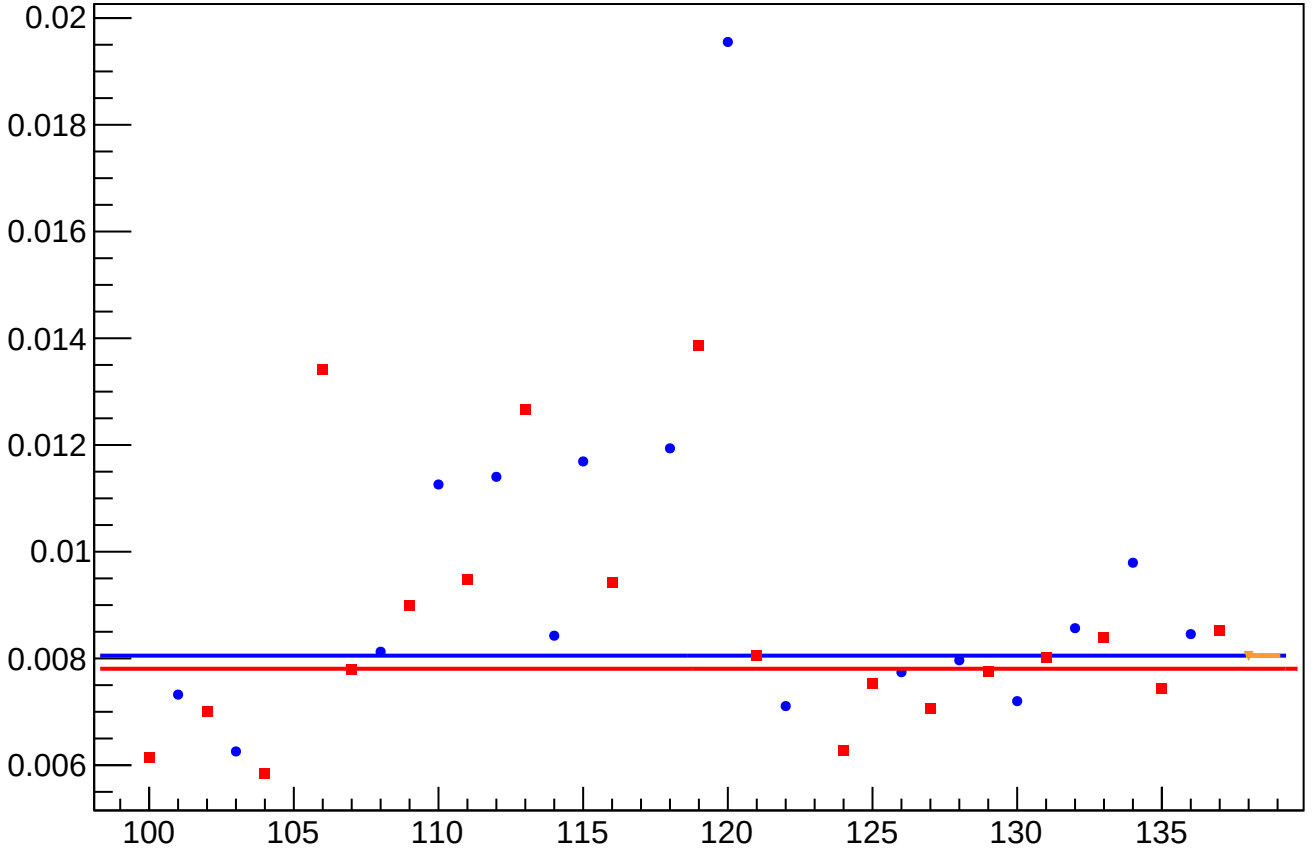
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.610+/-0.000 χ^2/NDF: 5643602458.1/16

All: 0.613+/-0.000 χ^2/NDF: 12065463970.8/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 598309.5/15

Left Out: 0.008+/-0.000 χ^2/NDF:0.0/0

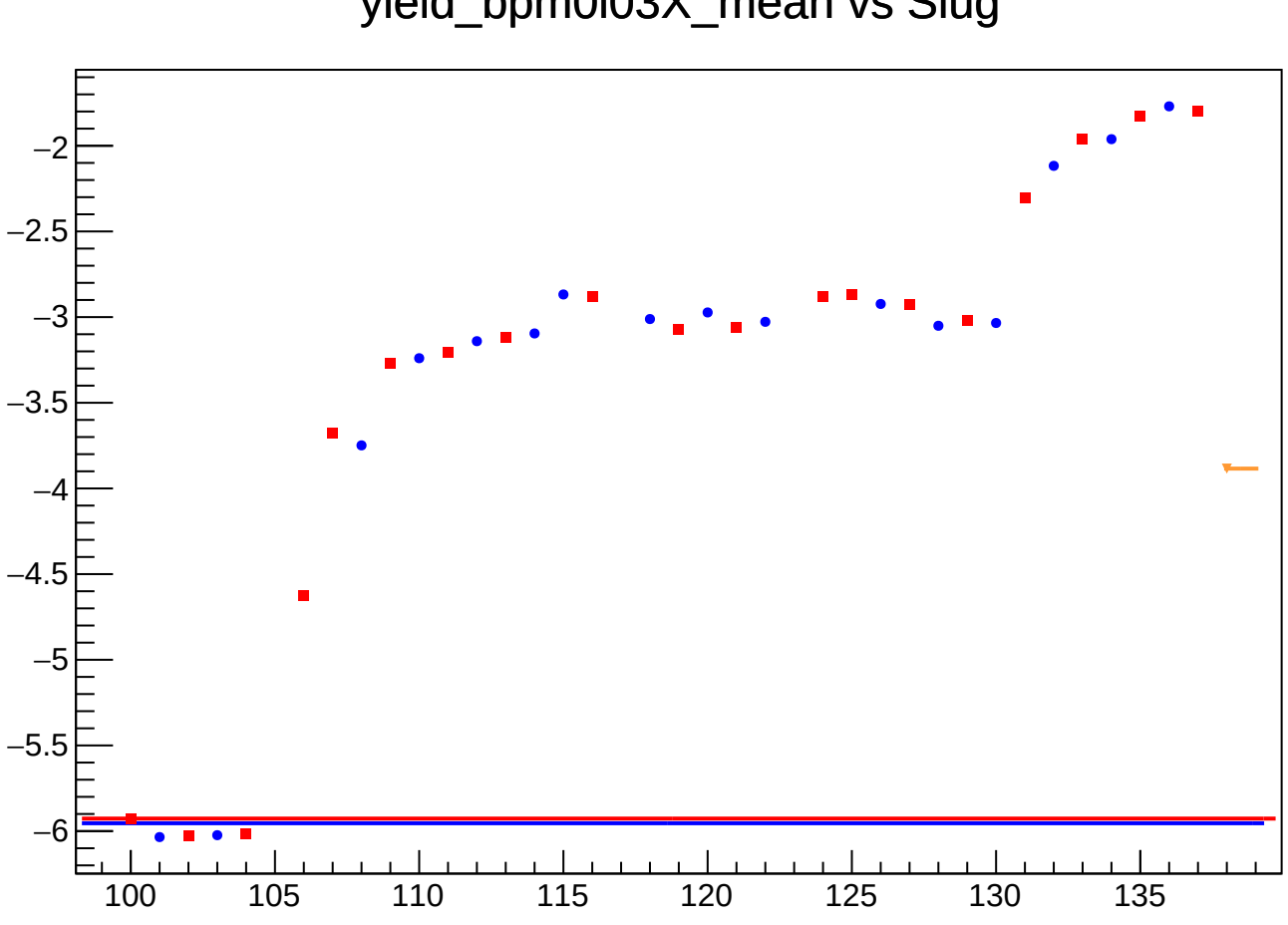
Right Out: 0.008+/-0.000 χ^2/NDF: 587157.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

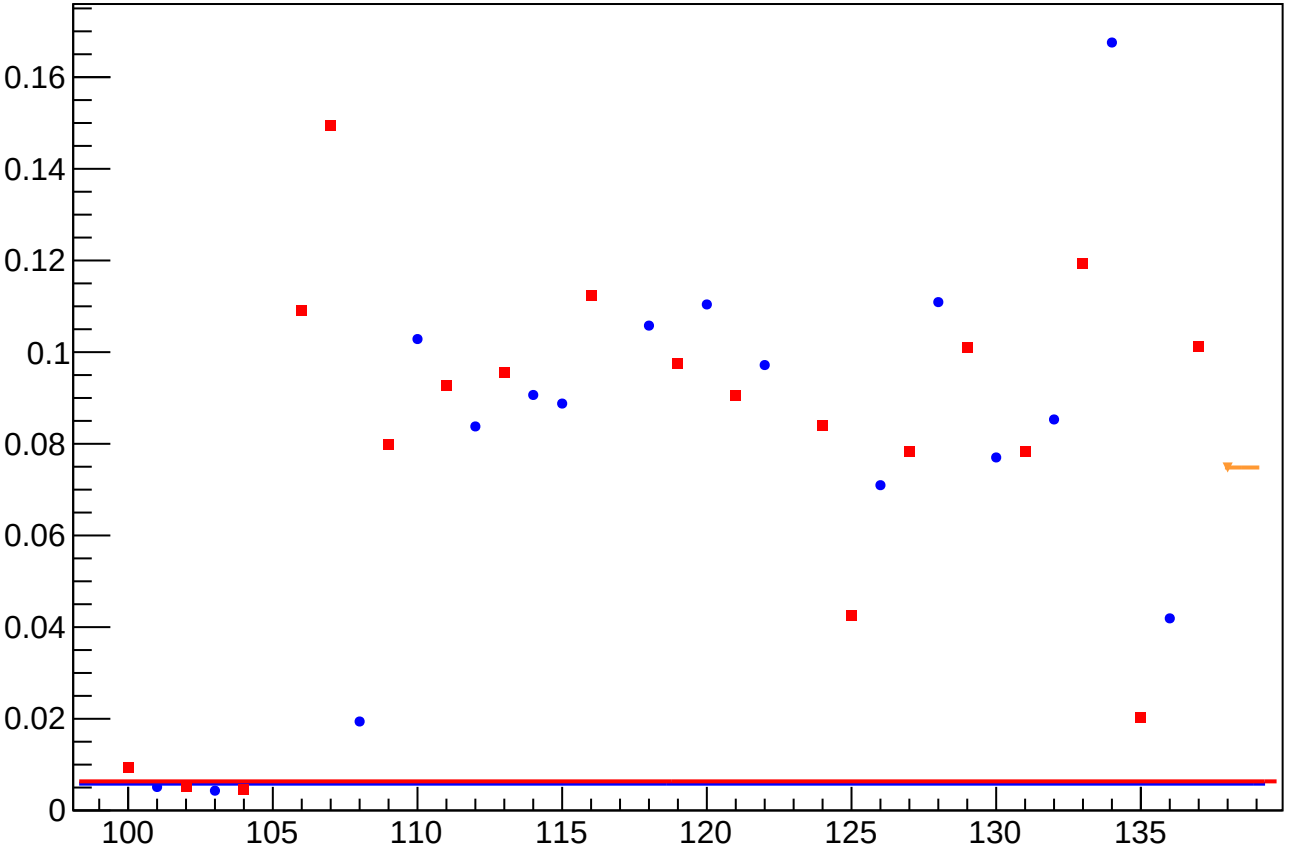
+ sign 0.008+/-0.000 χ^2/NDF: 598310.1/16

All: 0.008+/-0.000 χ^2/NDF: 1191753.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm0l03X_mean vs Slug
−2
−2.5
−3
−3.5
−4
−4.5
−5
−5.5
−6
100
105
110
115
120
125
130
135
Right In: -5.954+/-0.000 χ²/NDF: 13099475661.5/15
Left Out: -3.884+/-0.000 χ²/NDF:0.0/0
Right Out: -5.927+/-0.000 χ²/NDF: 13922819741.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -5.949+/-0.000 χ²/NDF: 13610596684.0/16
All: -5.939+/-0.000 χ²/NDF: 27545059007.9/
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 8700553.3/15

Left Out: 0.075+/-0.000 χ^2/NDF:0.0/0

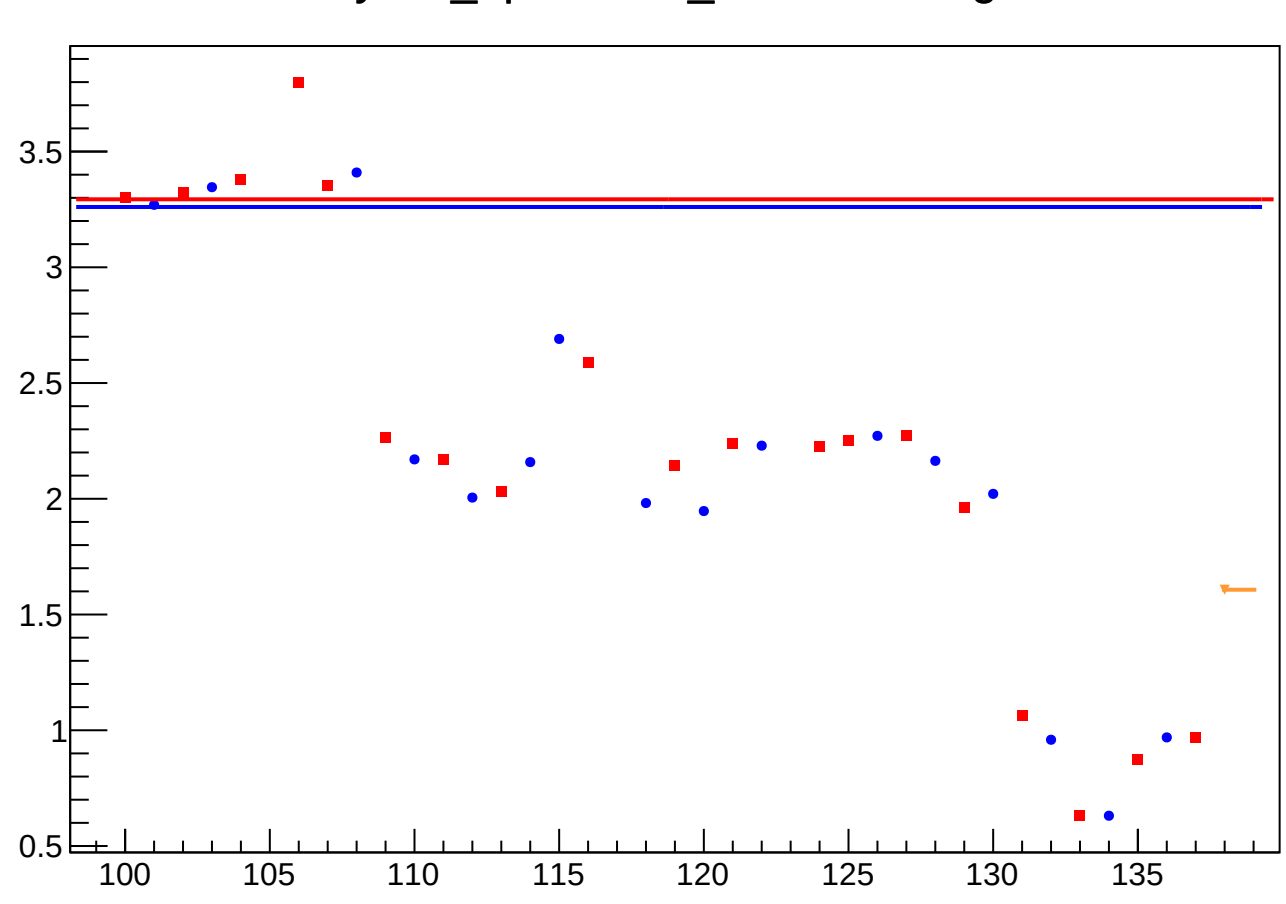
Right Out: 0.006+/-0.000 χ^2/NDF: 8751831.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 9836077.8/16

All: 0.006+/-0.000 χ^2/NDF: 18593312.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3.260+/-0.000 χ^2/NDF: 3009624113.9/15

Left Out: 1.607+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.294+/-0.000 χ^2/NDF: 3243748149.8/18

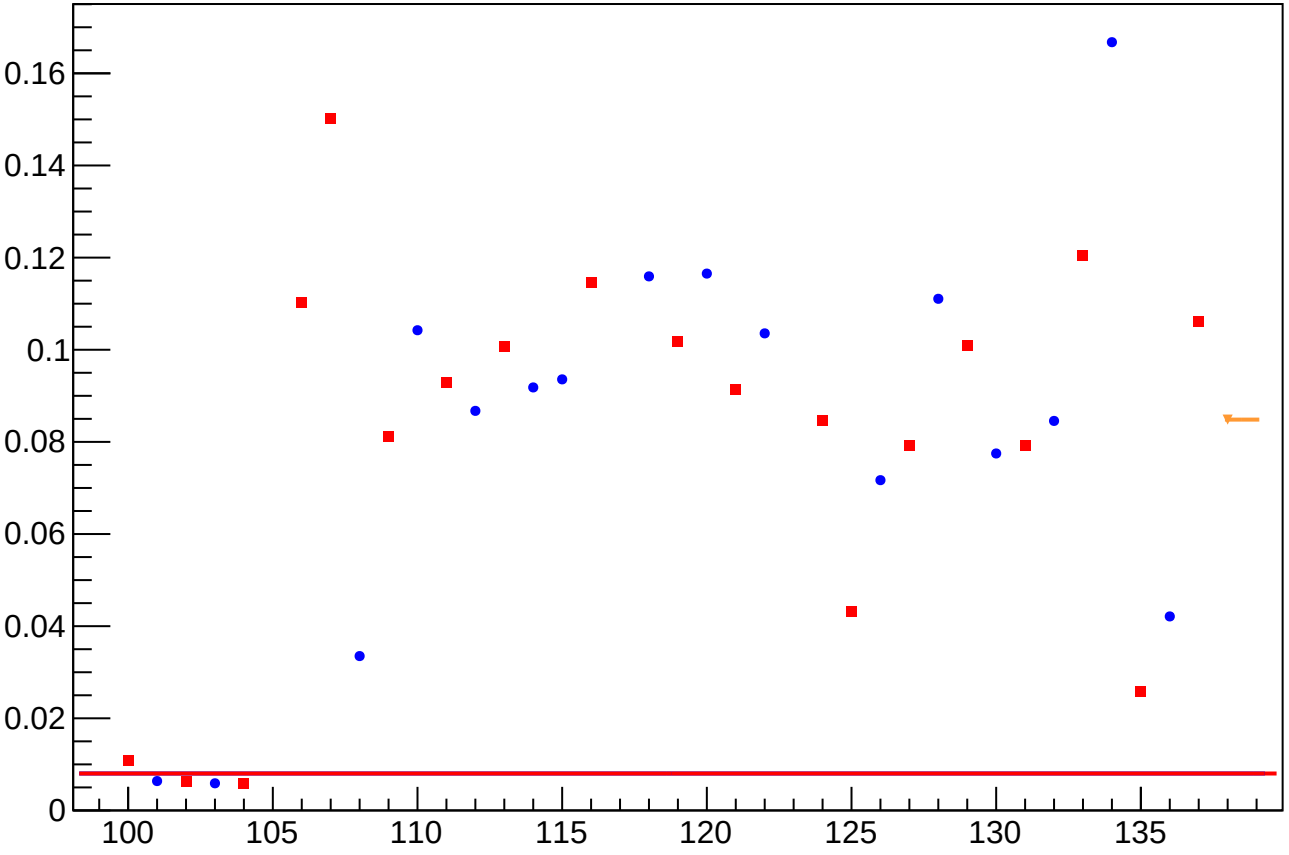
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.255+/-0.000 χ^2/NDF: 3272803492.8/16

All: 3.274+/-0.000 χ^2/NDF: 6538674441.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l03Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 8415681.1/15

Left Out: 0.085+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF: 8542249.7/18

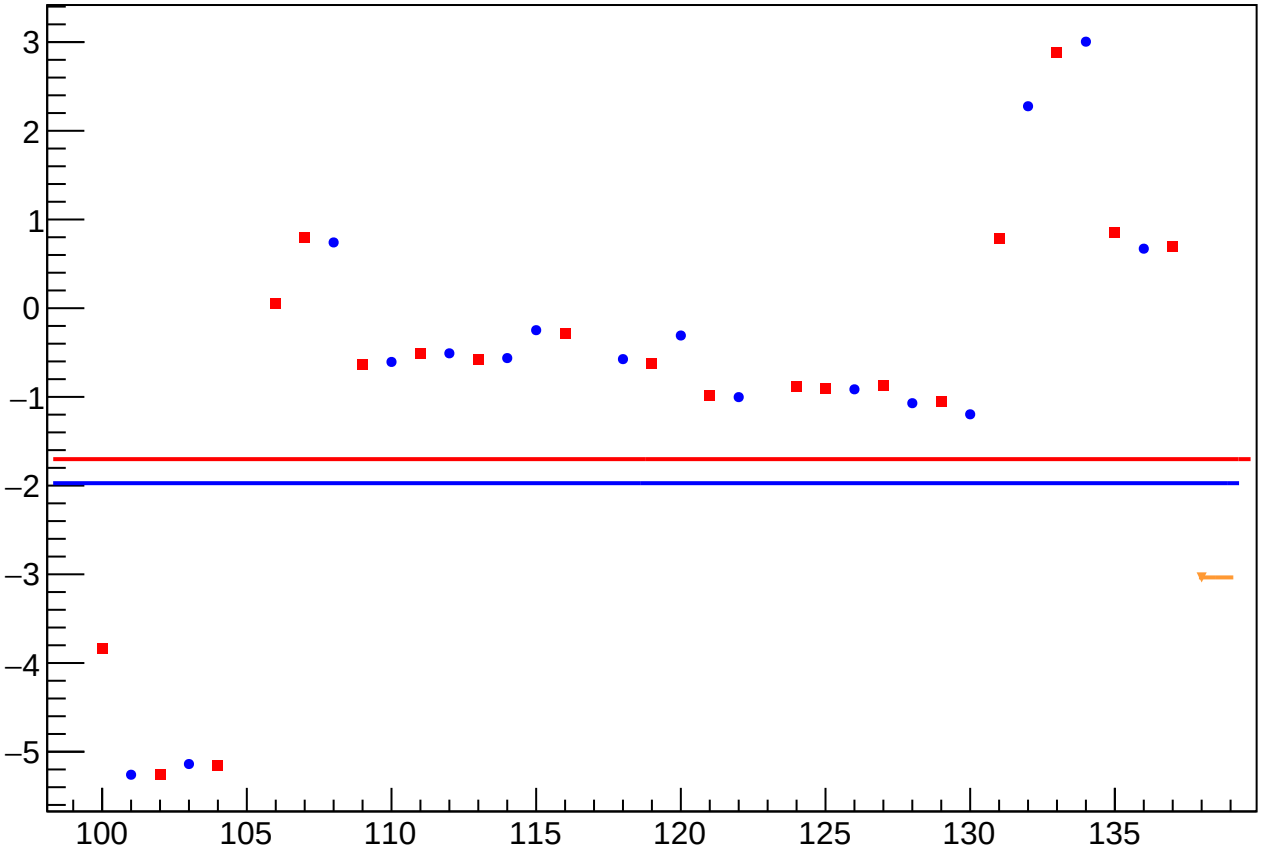
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.008+/-0.000 χ^2/NDF: 9551812.5/16

All: 0.008+/-0.000 χ^2/NDF: 18095832.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -1.973+/-0.000 χ^2/NDF: 161975701237.3/15

Left Out: -3.035+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.702+/-0.000 χ^2/NDF: 168156981746.0/18

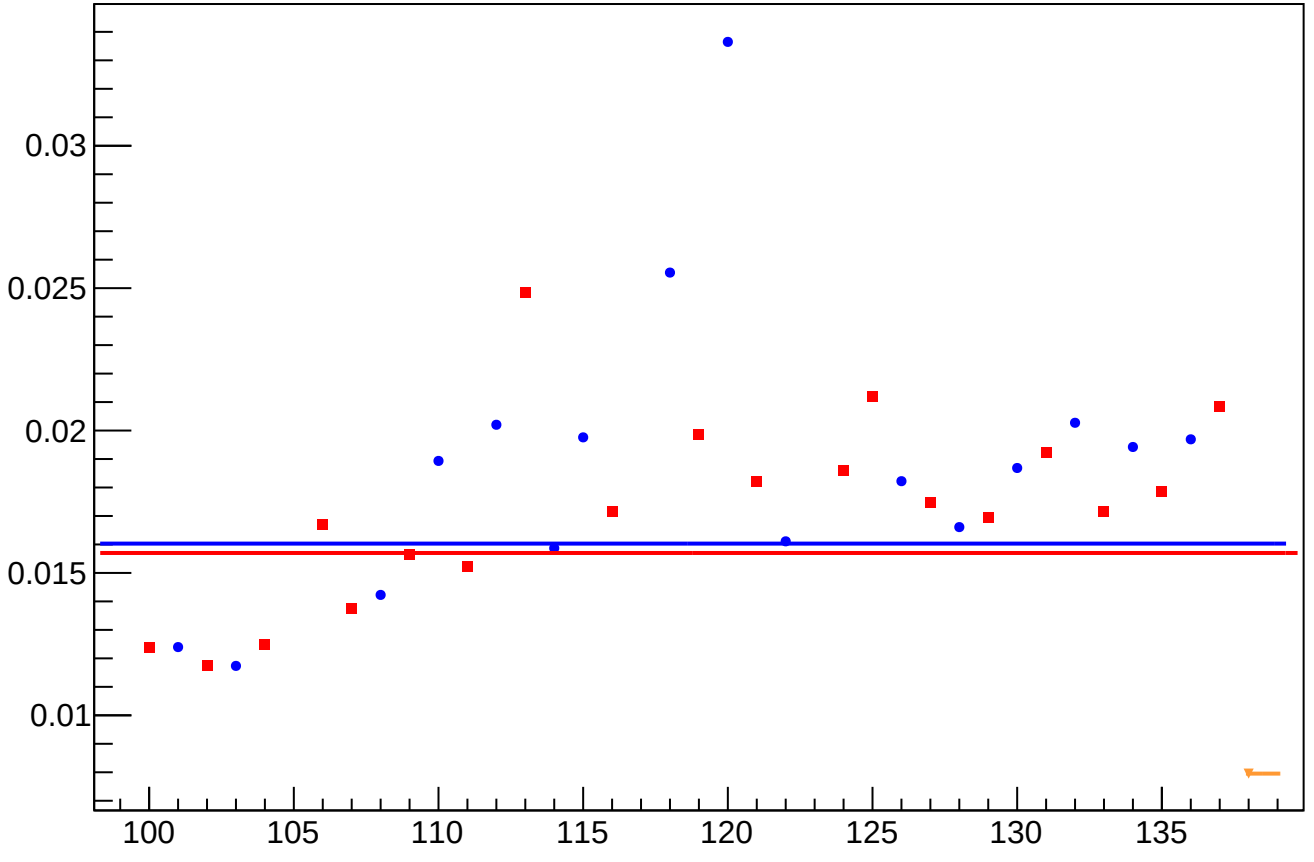
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.333+/-0.000 χ^2/NDF: 170638914214.9/16

All: -2.061+/-0.000 χ^2/NDF: 344661153122.0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF: 735736.8/15

Left Out: 0.008+/-0.000 χ^2/NDF:0.0/0

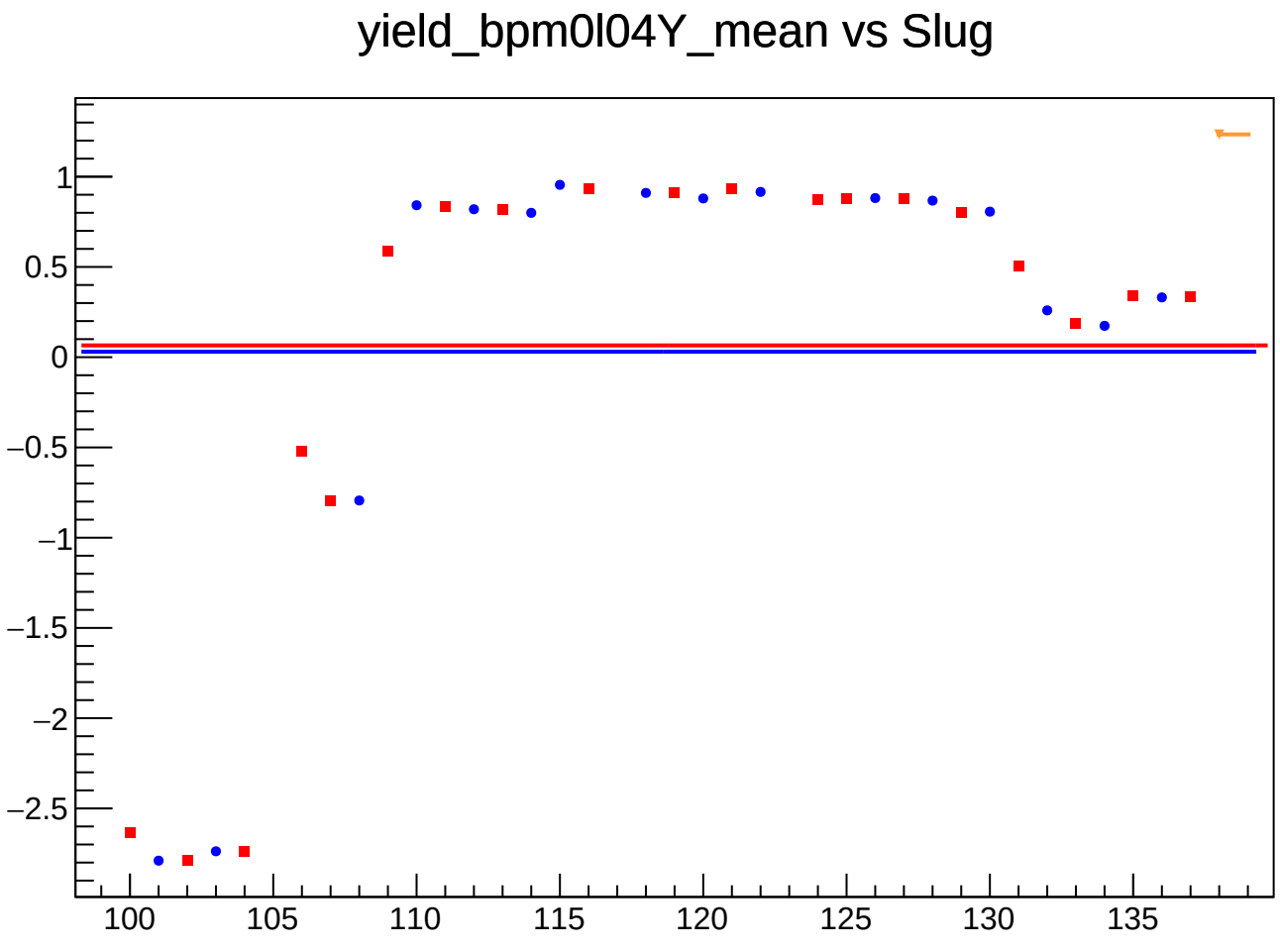
Right Out: 0.016+/-0.000 χ^2/NDF: 504766.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.000 χ^2/NDF: 1737260.4/16

All: 0.014+/-0.000 χ^2/NDF: 2412792.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.030+/-0.000 χ^2/NDF: 851677270962.0/15

Left Out: 1.234+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.065+/-0.000 χ^2/NDF: 935478930138.7/18

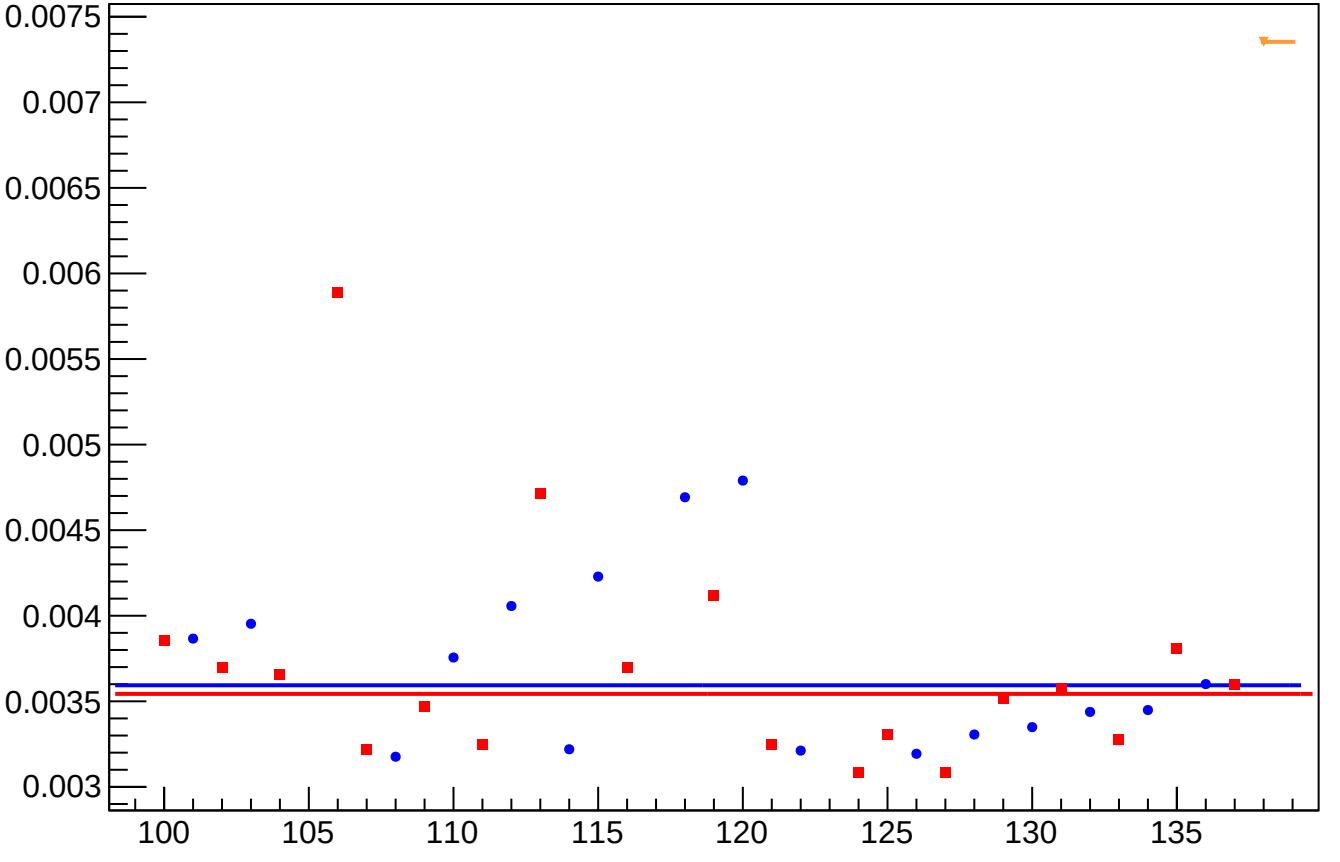
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.055+/-0.000 χ^2/NDF: 867373439548.2/16

All: 0.060+/-0.000 χ^2/NDF: 1802879958296.

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 180415.0/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF: 224729.1/18

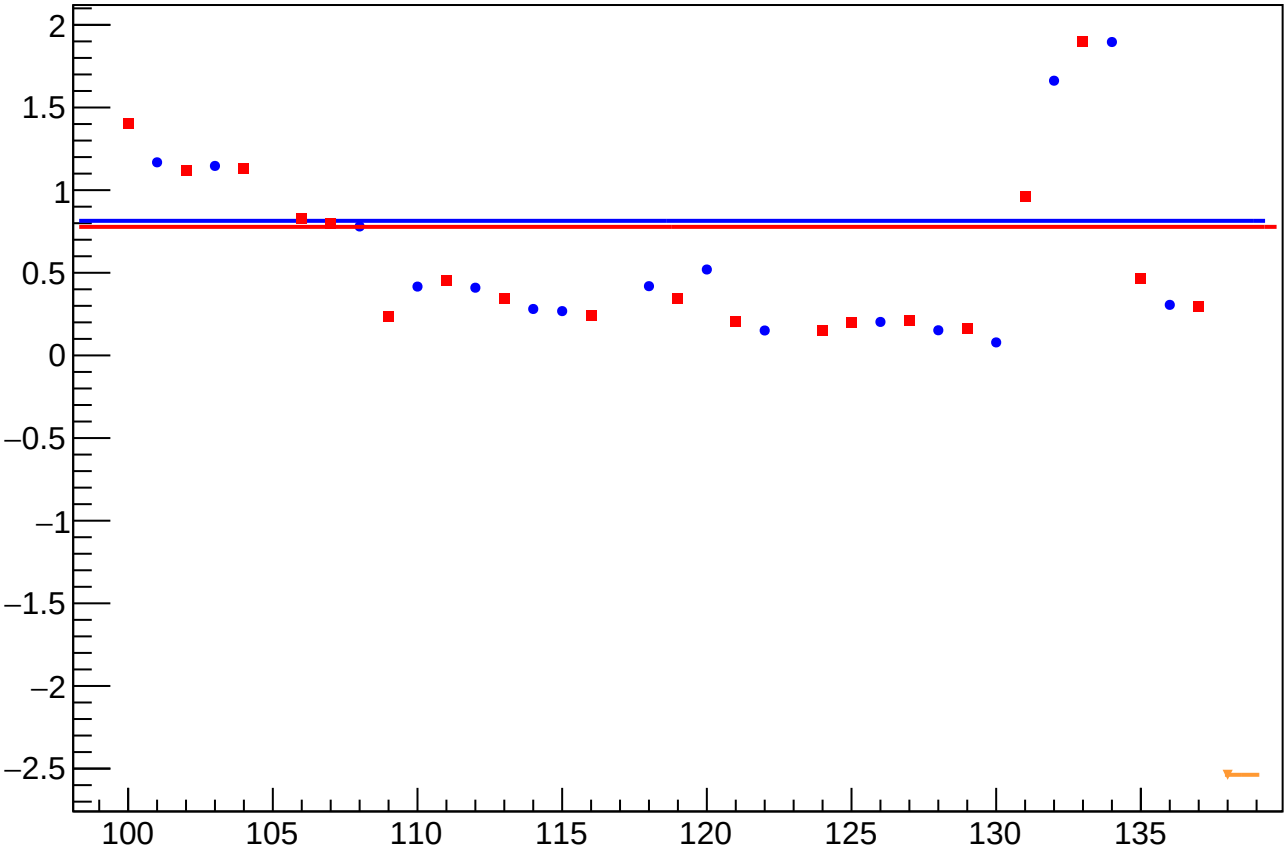
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 486491.4/16

All: 0.004+/-0.000 χ^2/NDF: 720219.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 0.814+/-0.000 χ^2/NDF: 35412149008.2/15

Left Out: -2.537+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.778+/-0.000 χ^2/NDF: 34603328062.2/18

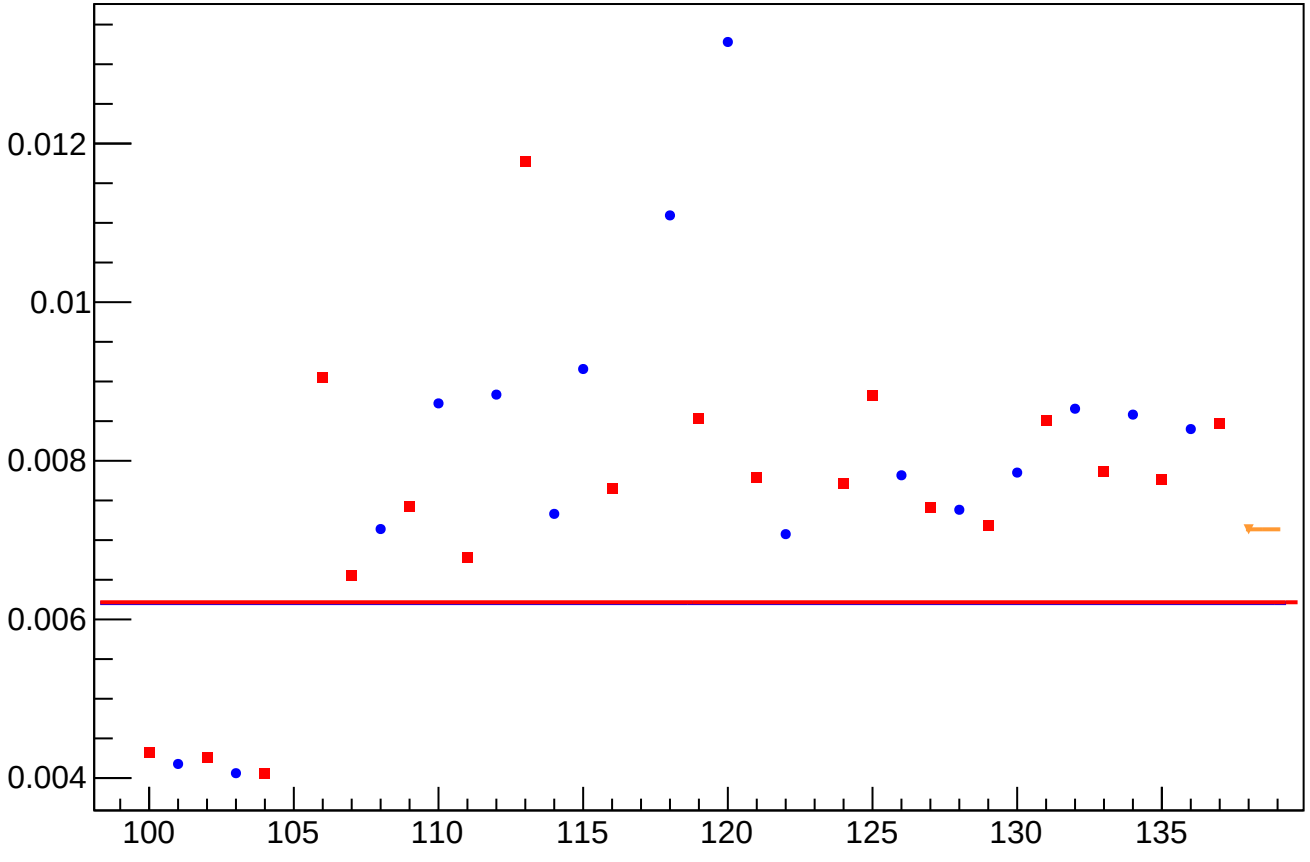
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.553+/-0.000 χ^2/NDF: 162003011420.4/16

All: 0.665+/-0.000 χ^2/NDF: 200562294336.8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 1423886.1/15

Left Out: 0.007+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF: 1161117.9/18

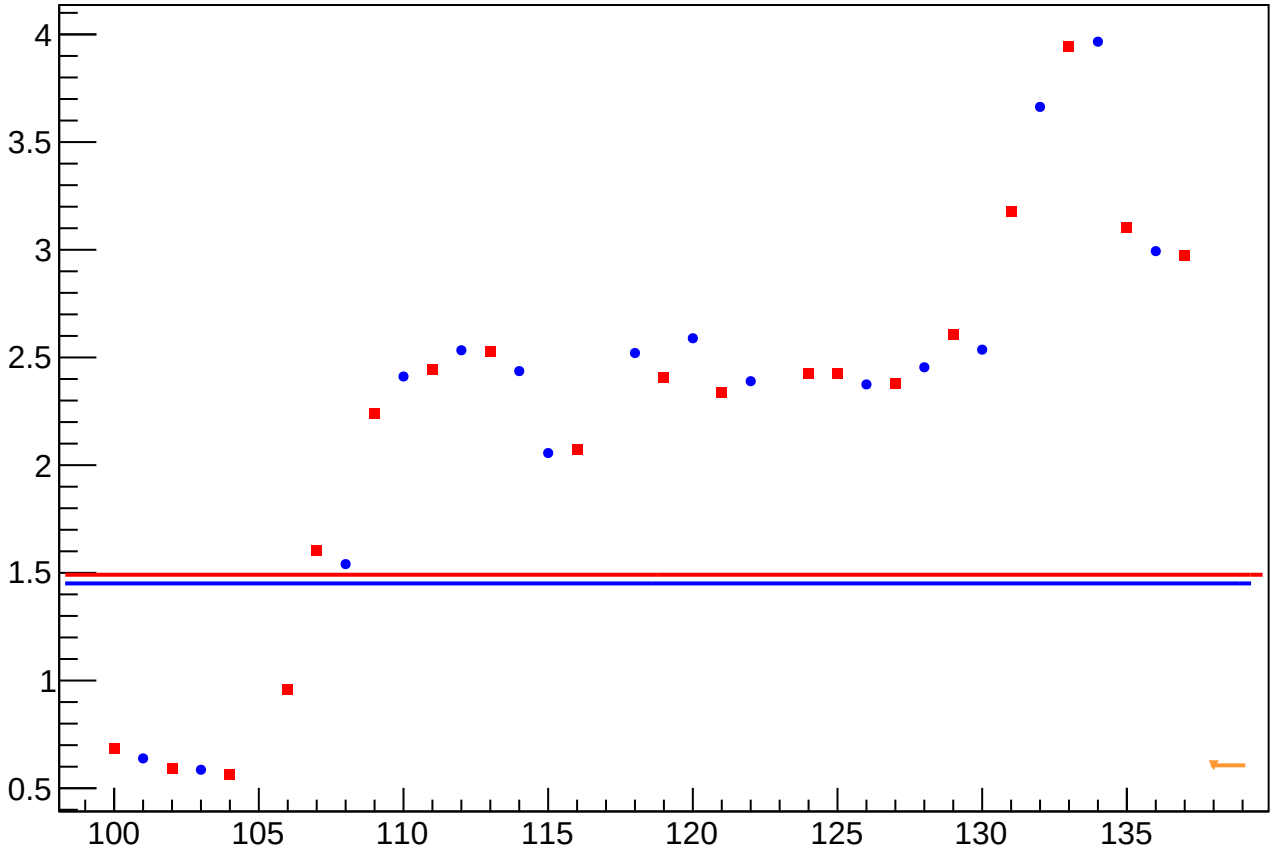
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 1443378.6/16

All: 0.006+/-0.000 χ^2/NDF: 2605101.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 1.451+/-0.000 χ^2/NDF: 169635774704.4/15

Left Out: 0.606+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.491+/-0.000 χ^2/NDF: 186952709821.0/18

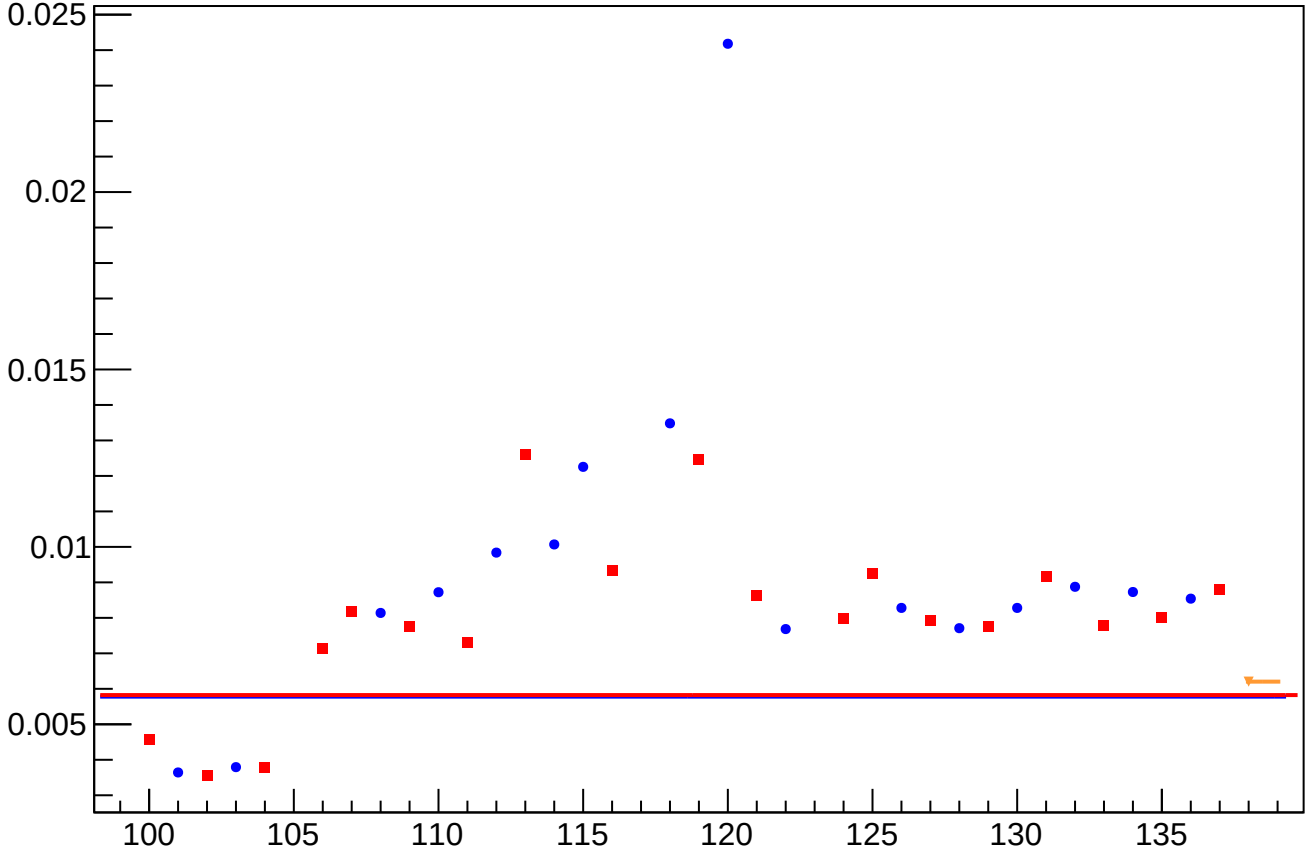
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.376+/-0.000 χ^2/NDF: 179155901723.2/16

All: 1.433+/-0.000 χ^2/NDF: 367195617036.8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 2213885.3/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

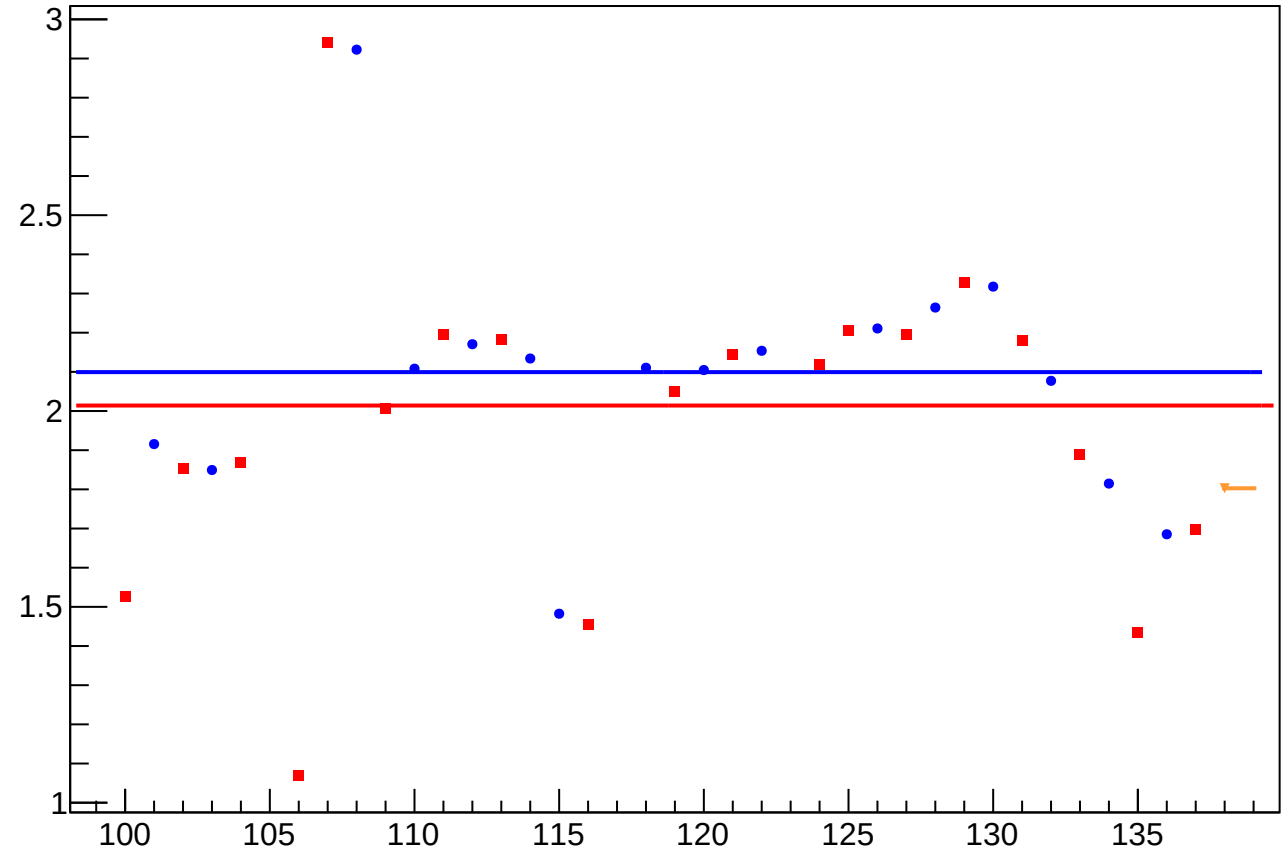
Right Out: 0.006+/-0.000 χ^2/NDF: 1955751.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.006+/-0.000 χ^2/NDF: 2218645.2/16

All: 0.006+/-0.000 χ^2/NDF: 4174401.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2.099+/-0.000 χ^2/NDF: 13928556396.8/15

Left Out: 1.803+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.014+/-0.000 χ^2/NDF: 19615856596.5/18

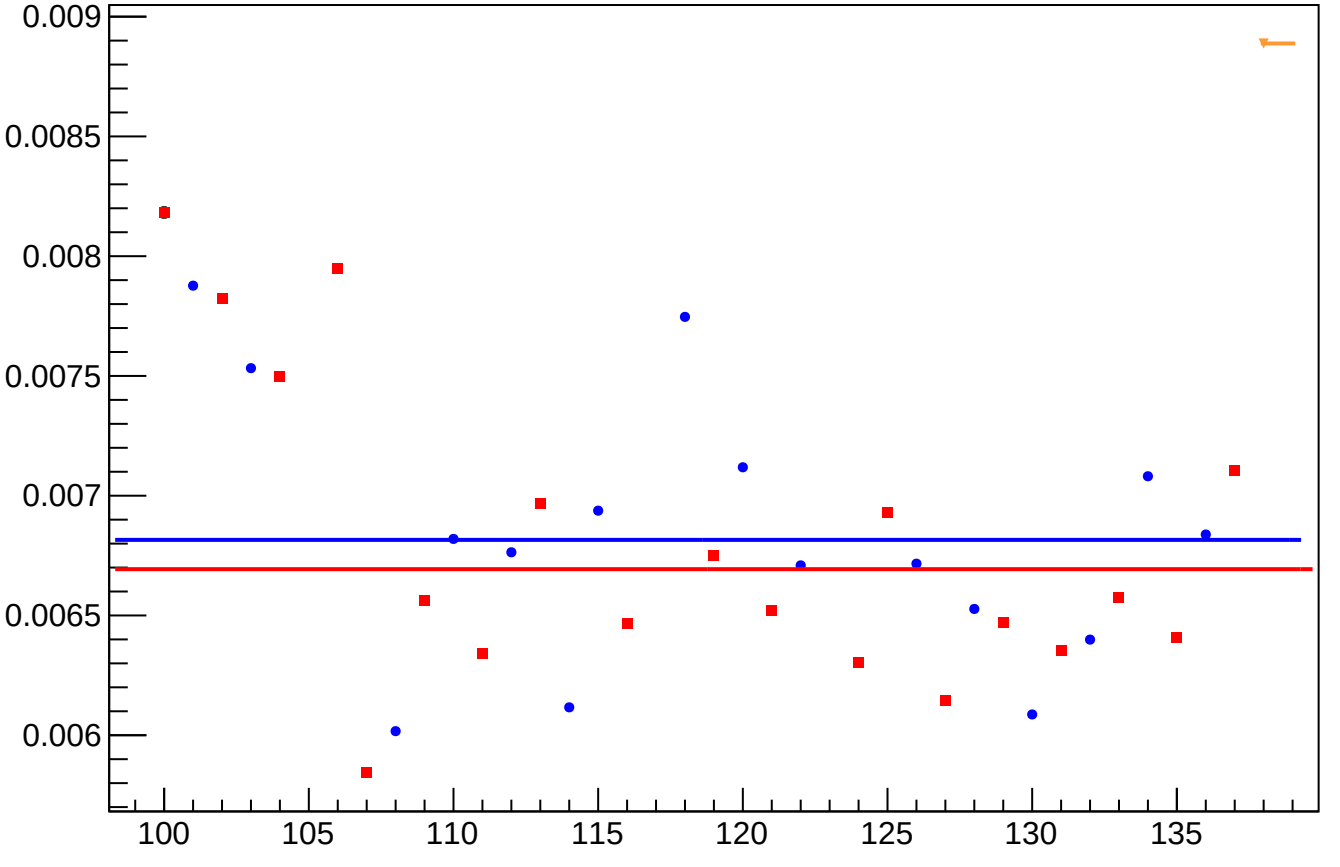
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.083+/-0.000 χ^2/NDF: 14655940004.4/16

All: 2.048+/-0.000 χ^2/NDF: 34642952542.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 86781.0/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

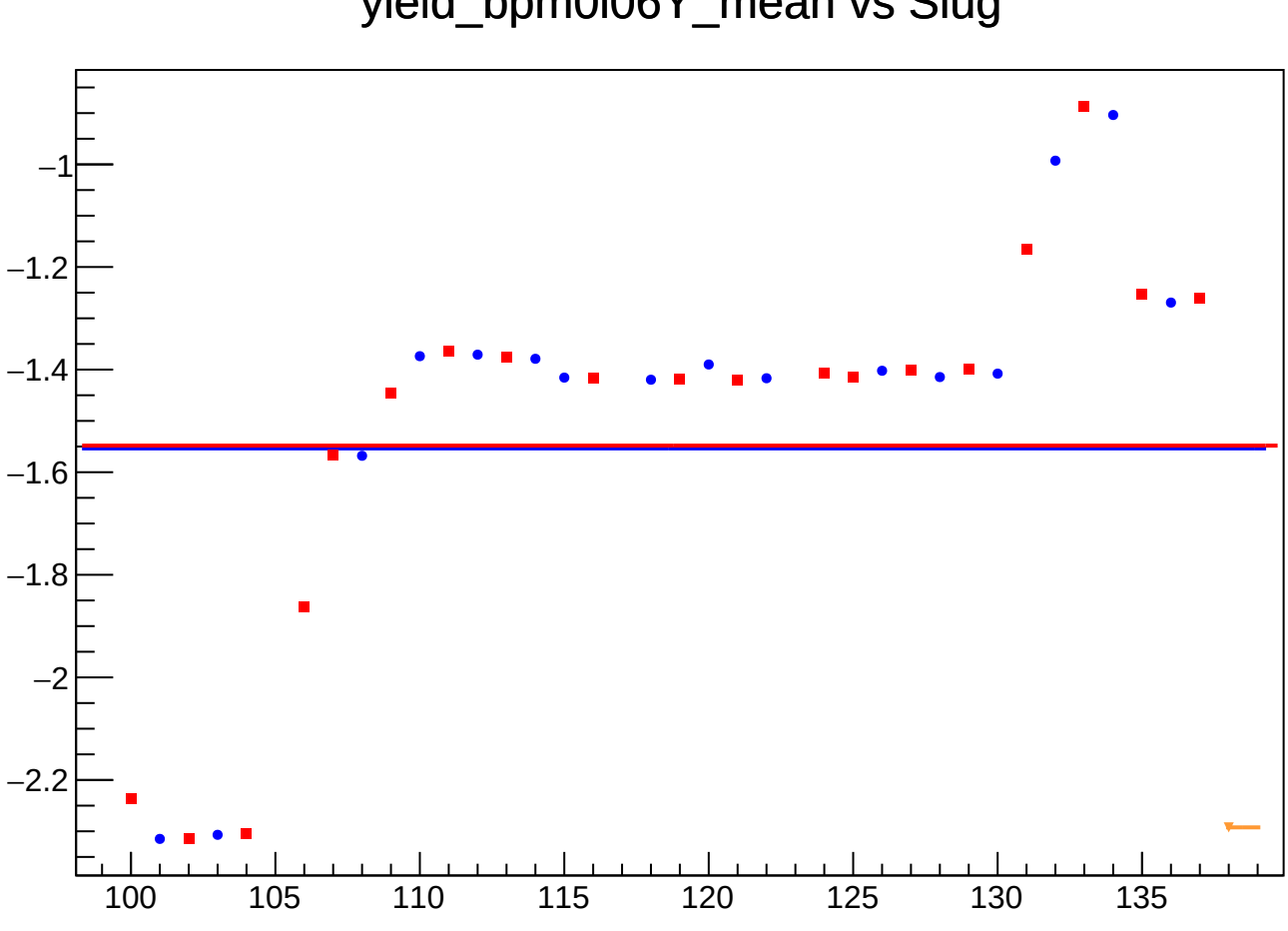
Right Out: 0.007+/-0.000 χ^2/NDF: 87876.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 157828.8/16

All: 0.007+/-0.000 χ^2/NDF: 254701.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.554+/-0.000 χ^2/NDF: 175176621986.0/15

Left Out: -2.292+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.548+/-0.000 χ^2/NDF: 174743666302.8/18

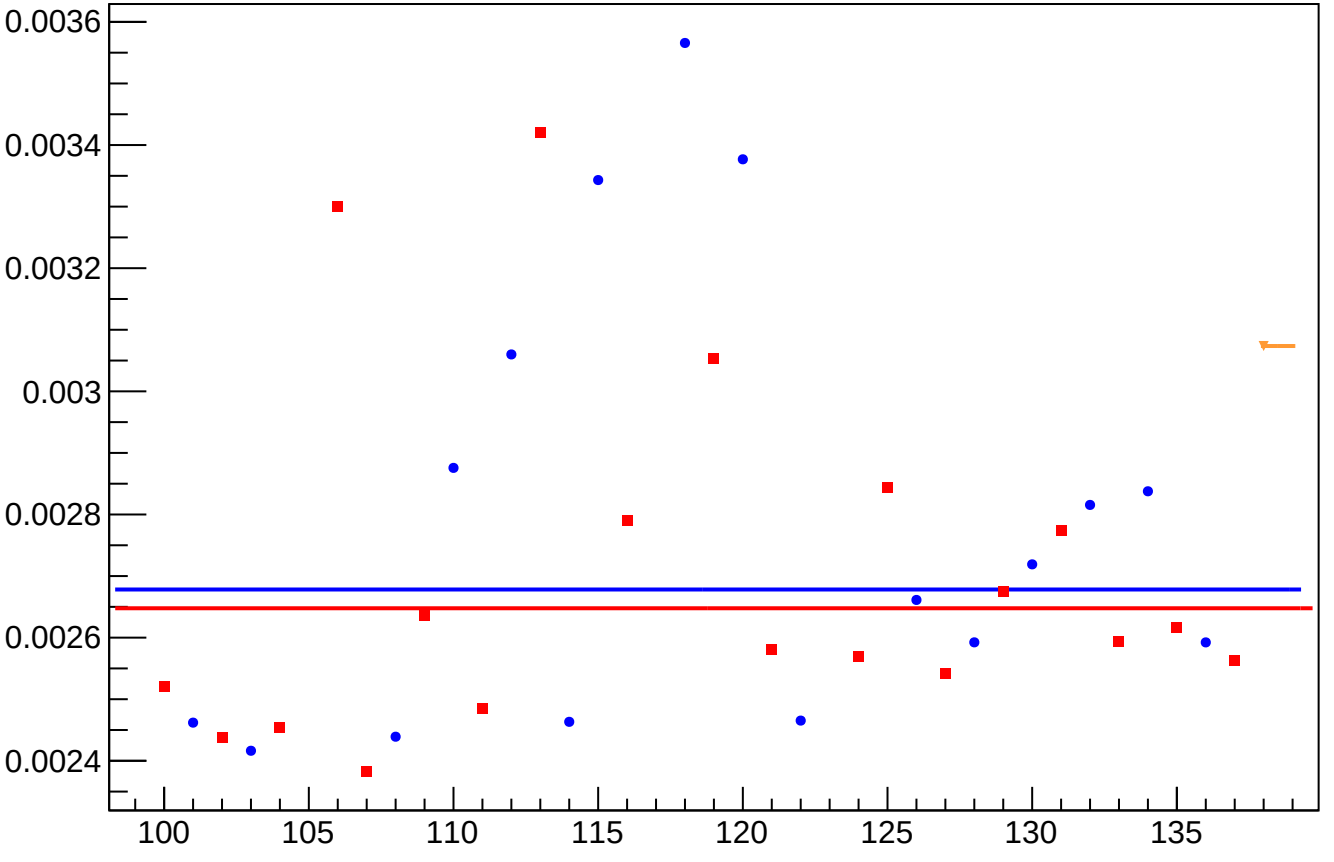
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.605+/-0.000 χ^2/NDF: 210679855897.0/16

All: -1.577+/-0.000 χ^2/NDF: 387040178810.9

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 157881.5/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF: 116150.5/18

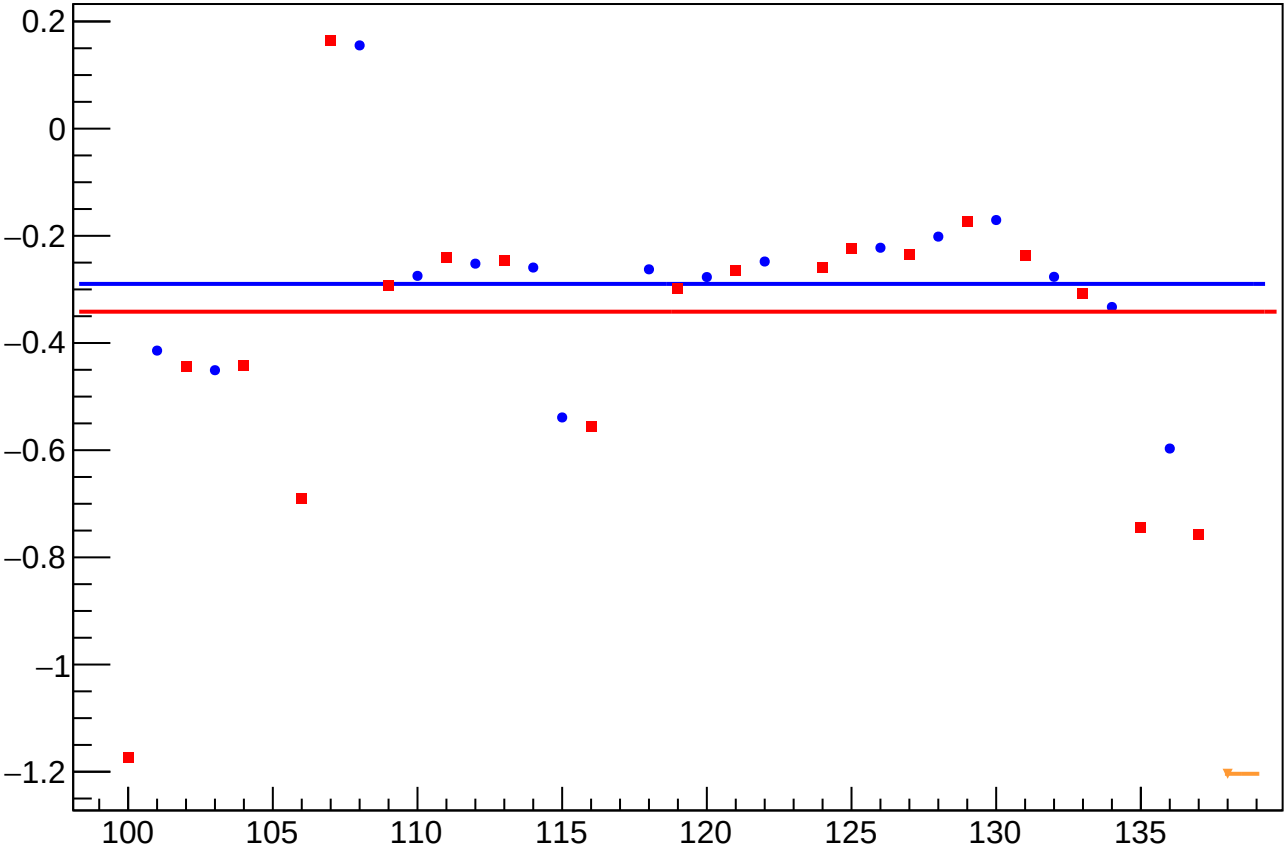
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.000 χ^2/NDF: 178225.2/16

All: 0.003+/-0.000 χ^2/NDF: 297746.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.290+/-0.000 χ^2/NDF: 1645174238.4/15

Left Out: -1.204+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.342+/-0.000 χ^2/NDF: 2609243421.7/18

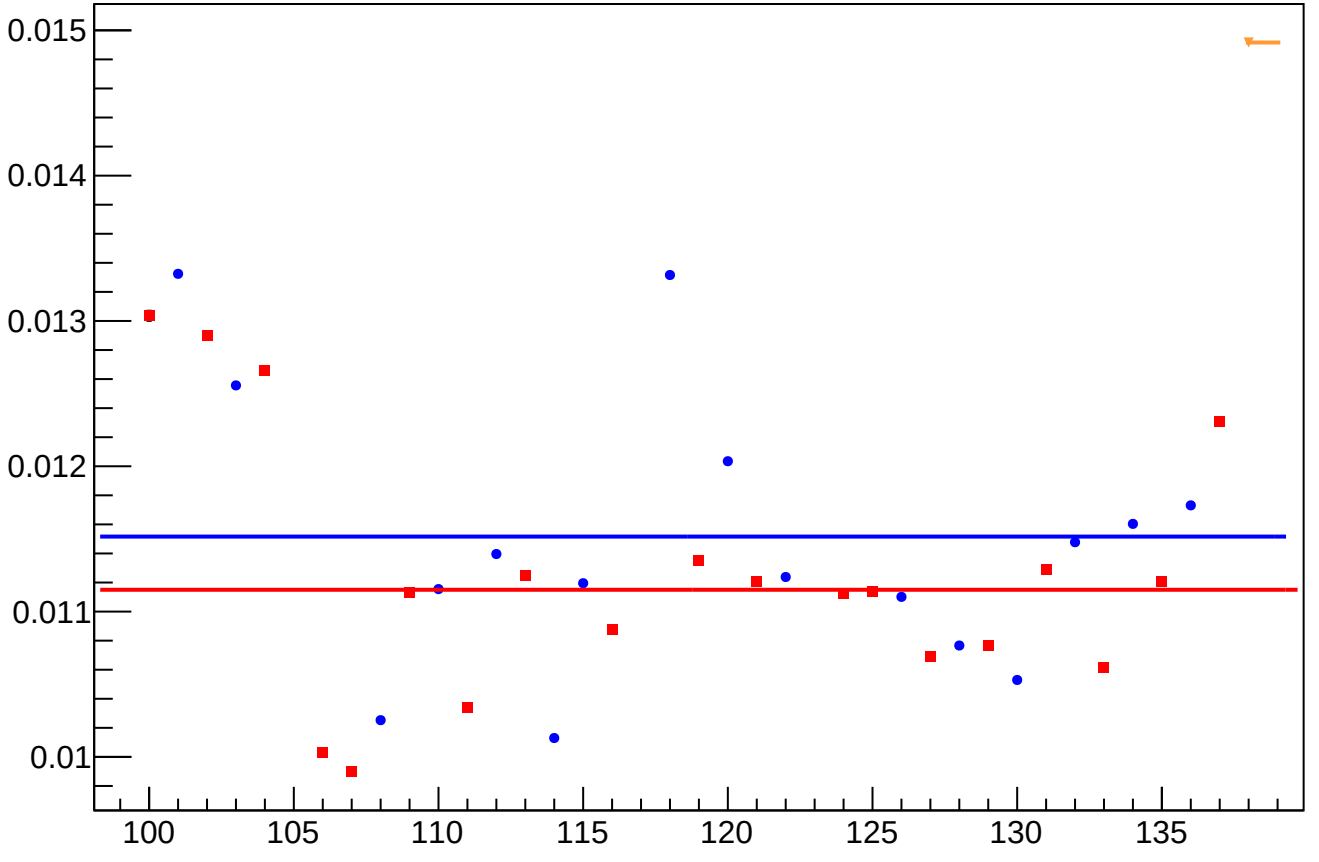
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.342+/-0.000 χ^2/NDF: 4131249934.8/16

All: -0.342+/-0.000 χ^2/NDF: 6740496566.5/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 84278.9/15

Left Out: 0.015+/-0.000 χ^2/NDF:0.0/0

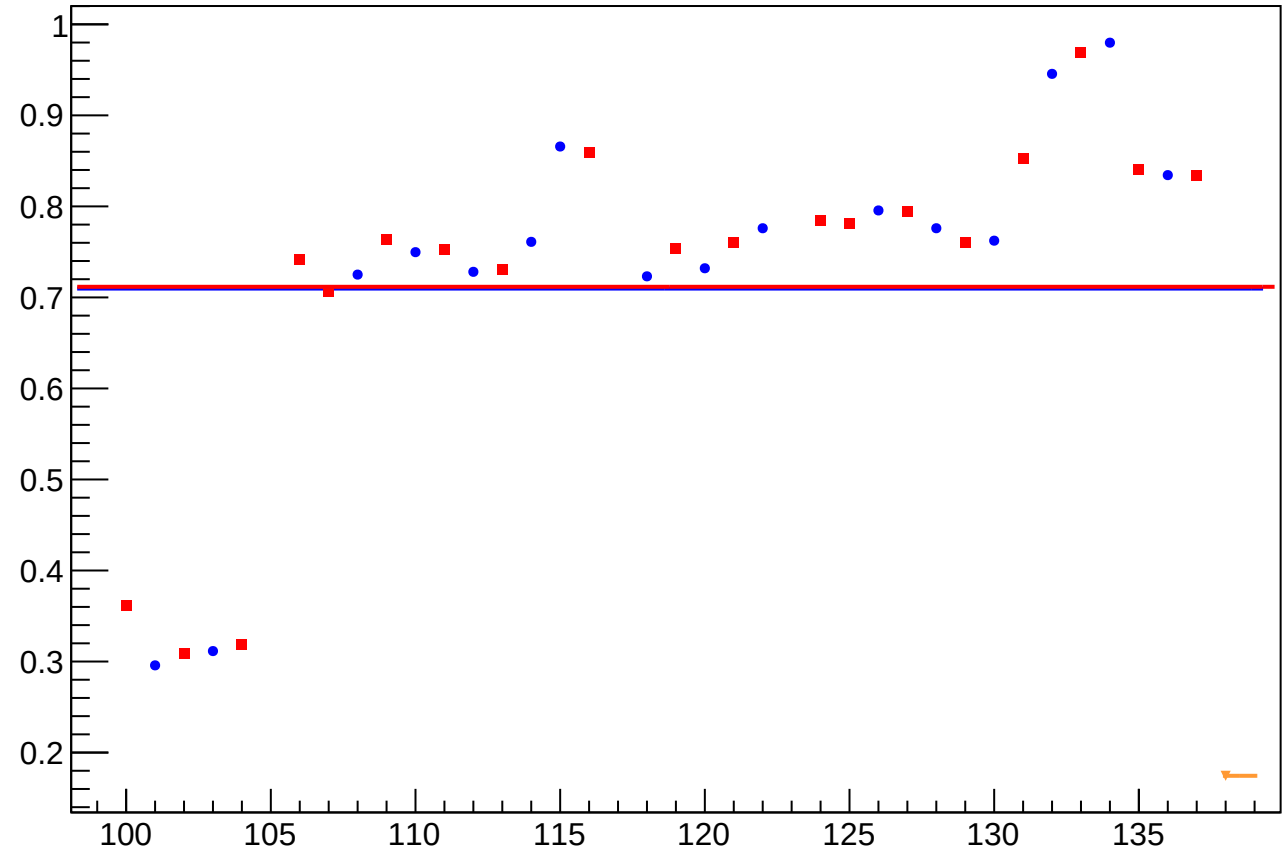
Right Out: 0.011+/-0.000 χ^2/NDF: 70560.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 153068.2/16

All: 0.011+/-0.000 χ^2/NDF: 241434.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.710+/-0.000 χ^2/NDF: 48924347494.6/15

Left Out: 0.174+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.712+/-0.000 χ^2/NDF: 44174681920.8/18

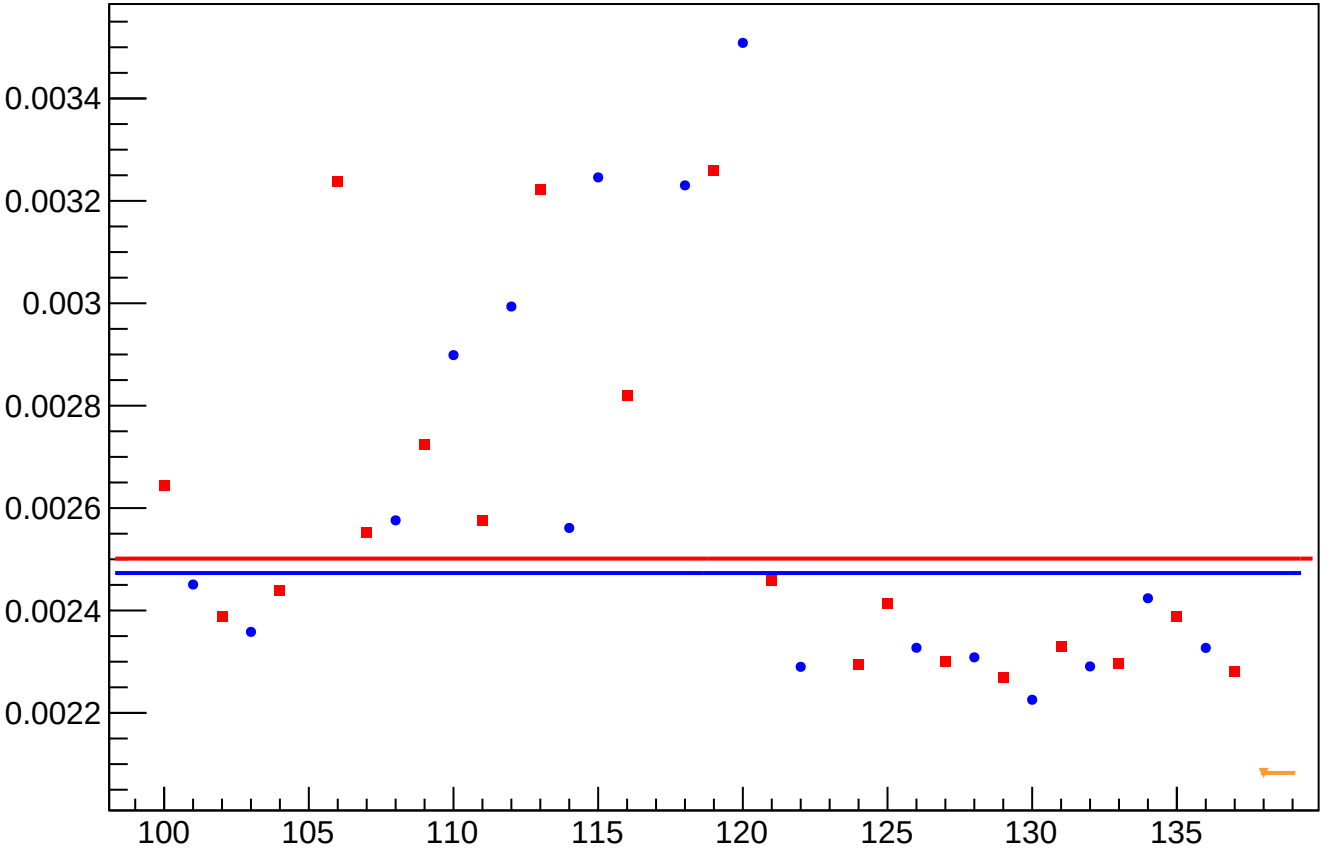
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.636+/-0.000 χ^2/NDF: 92908073131.3/16

All: 0.671+/-0.000 χ^2/NDF: 140524412853.6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l07Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 208046.5/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

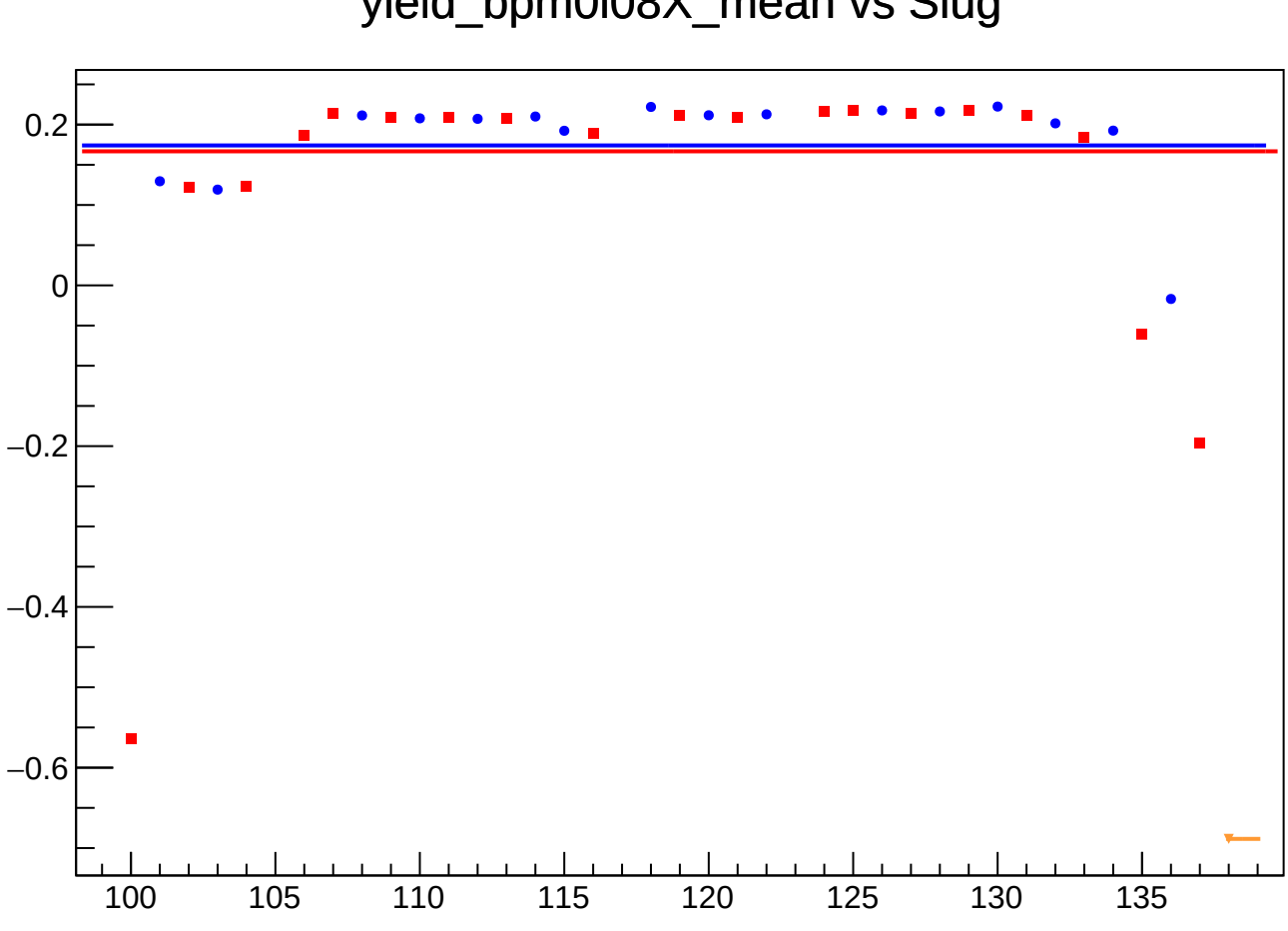
Right Out: 0.003+/-0.000 χ^2/NDF: 177427.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 254842.9/16

All: 0.002+/-0.000 χ^2/NDF: 440351.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.174+/-0.000 χ^2/NDF: 401946344.0/15

Left Out: -0.689+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.167+/-0.000 χ^2/NDF: 894131198.6/18

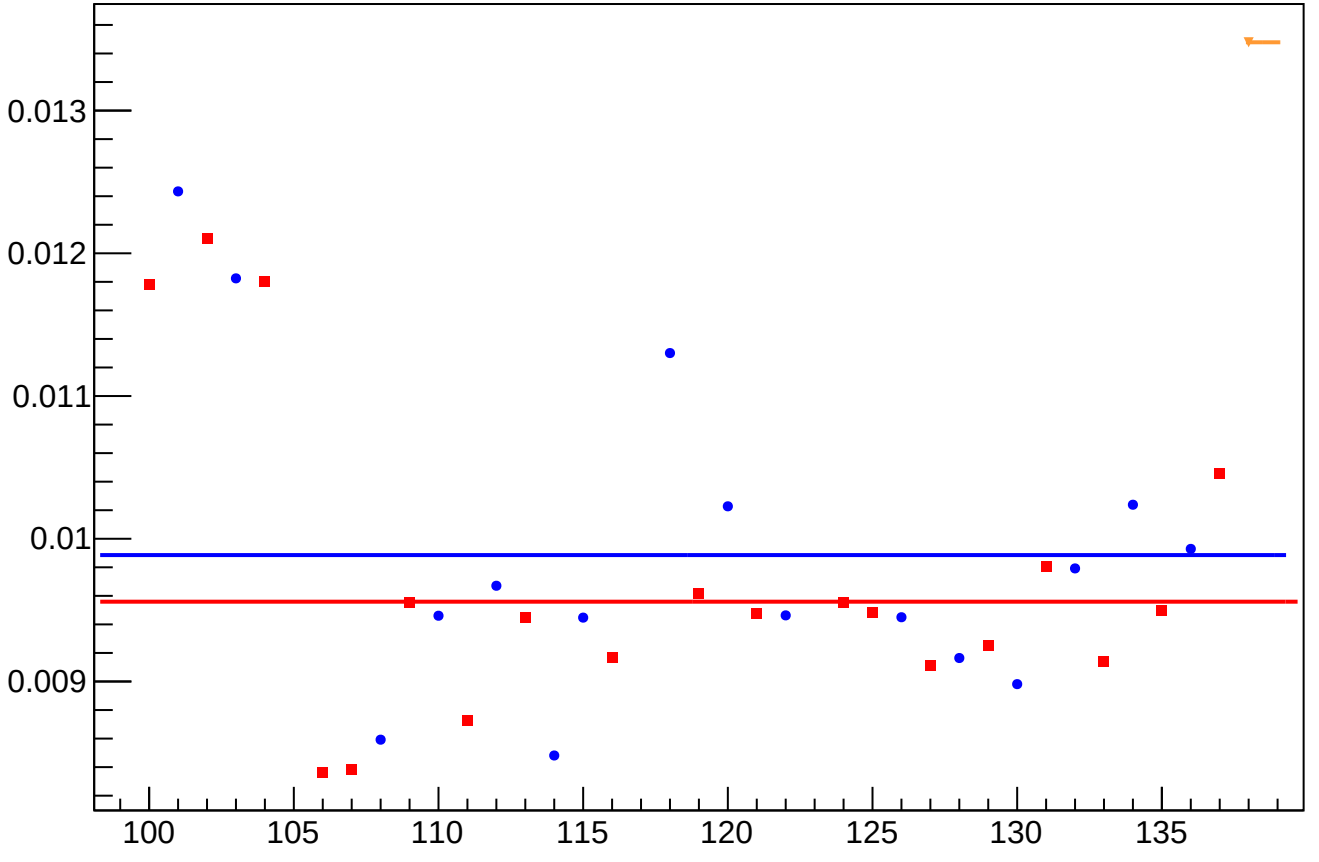
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.129+/-0.000 χ^2/NDF: 3145929758.9/16

All: 0.148+/-0.000 χ^2/NDF: 4095207429.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF: 148562.0/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

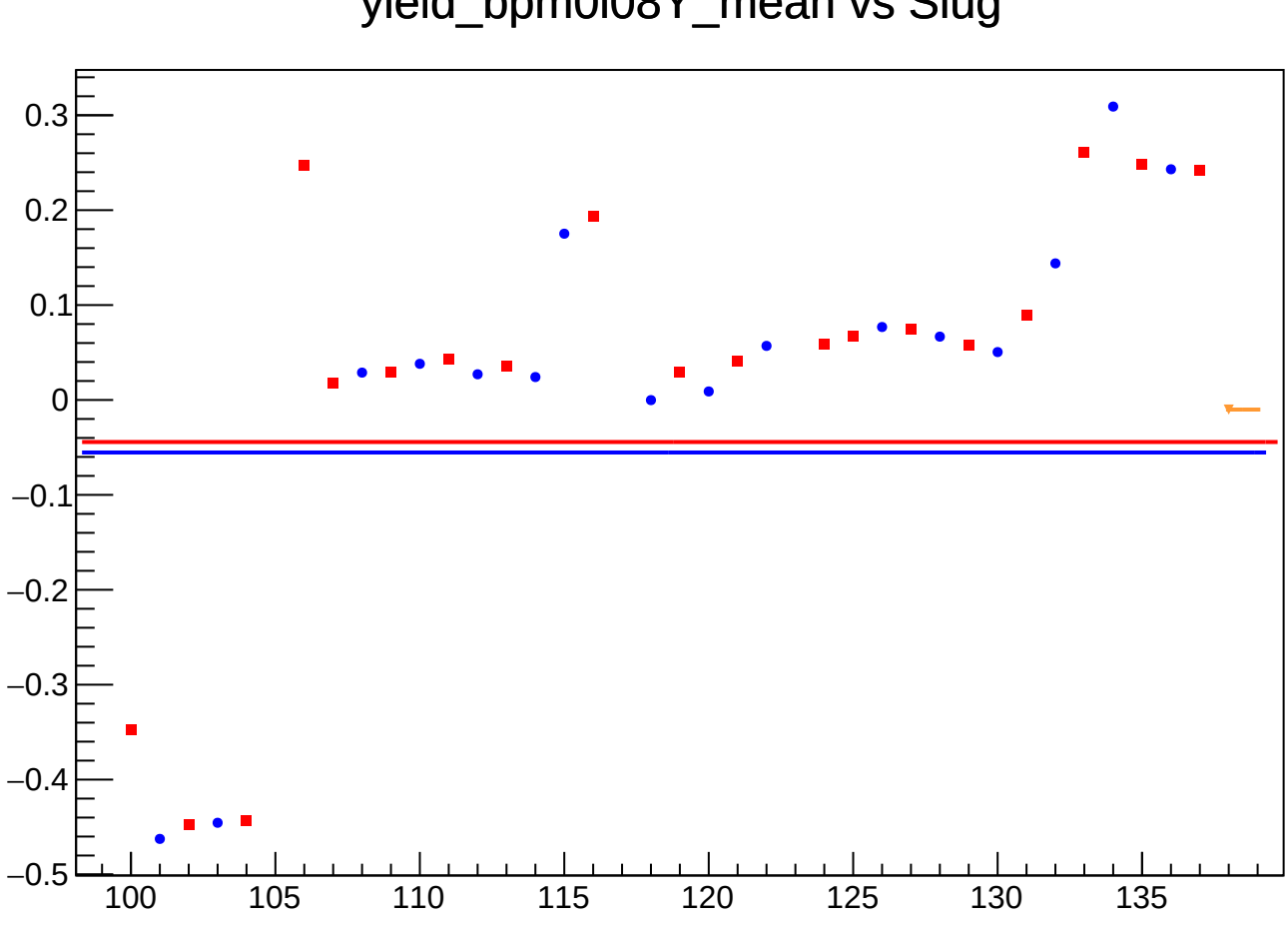
Right Out: 0.010+/-0.000 χ^2/NDF: 136197.0/18

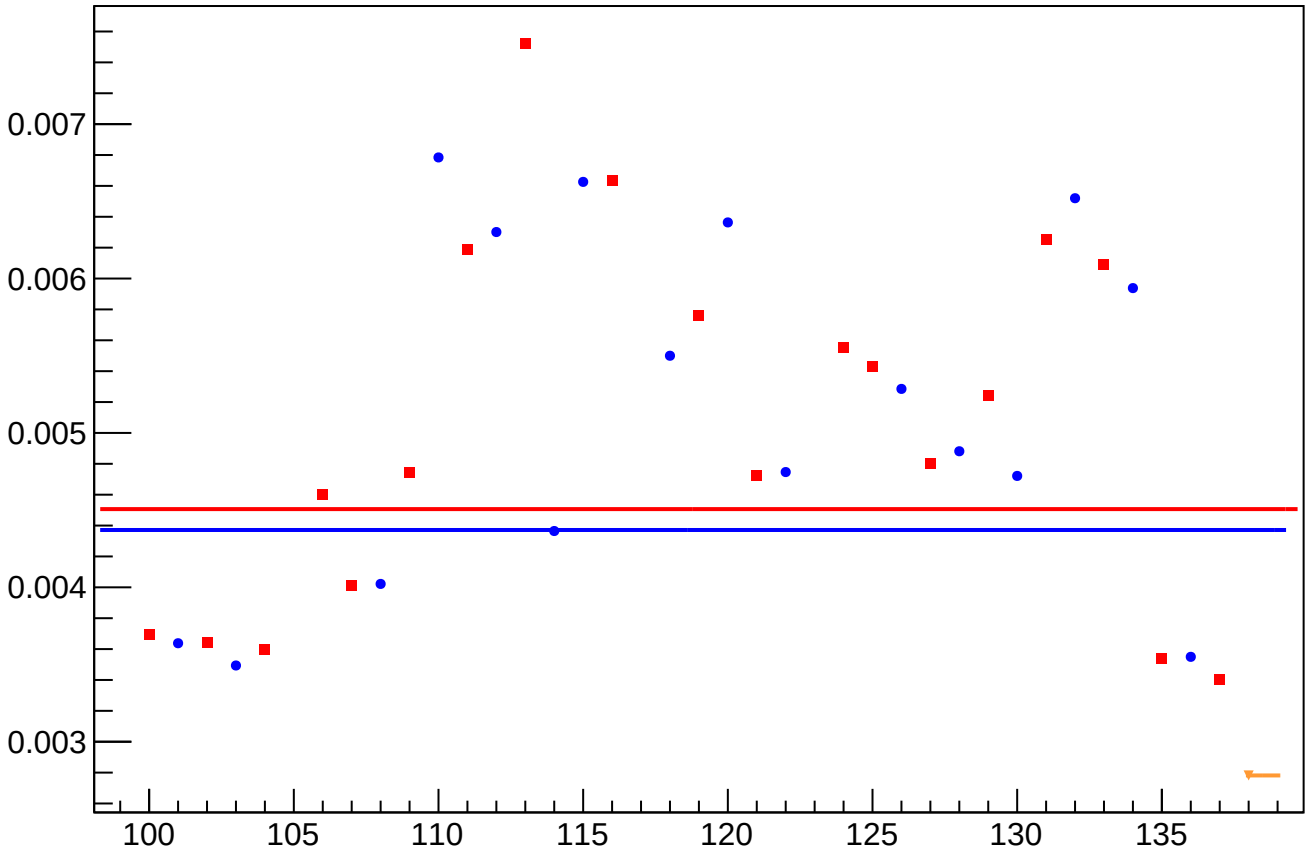
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.000 χ^2/NDF: 243756.2/16

All: 0.010+/-0.000 χ^2/NDF: 400235.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


yield_bpm0l08Y_mean vs Slug
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
100
105
110
115
120
125
130
135
Right In: -0.055+/-0.000 χ²/NDF: 24081939190.6/15
Left Out: -0.010+/-0.000 χ²/NDF:0.0/0
Right Out: -0.044+/-0.000 χ²/NDF: 22136167141.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.045+/-0.000 χ²/NDF: 24231702129.7/16
All: -0.045+/-0.000 χ²/NDF: 46367950409.1/
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.004+/-0.000 χ^2/NDF: 660432.6/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF: 704549.6/18

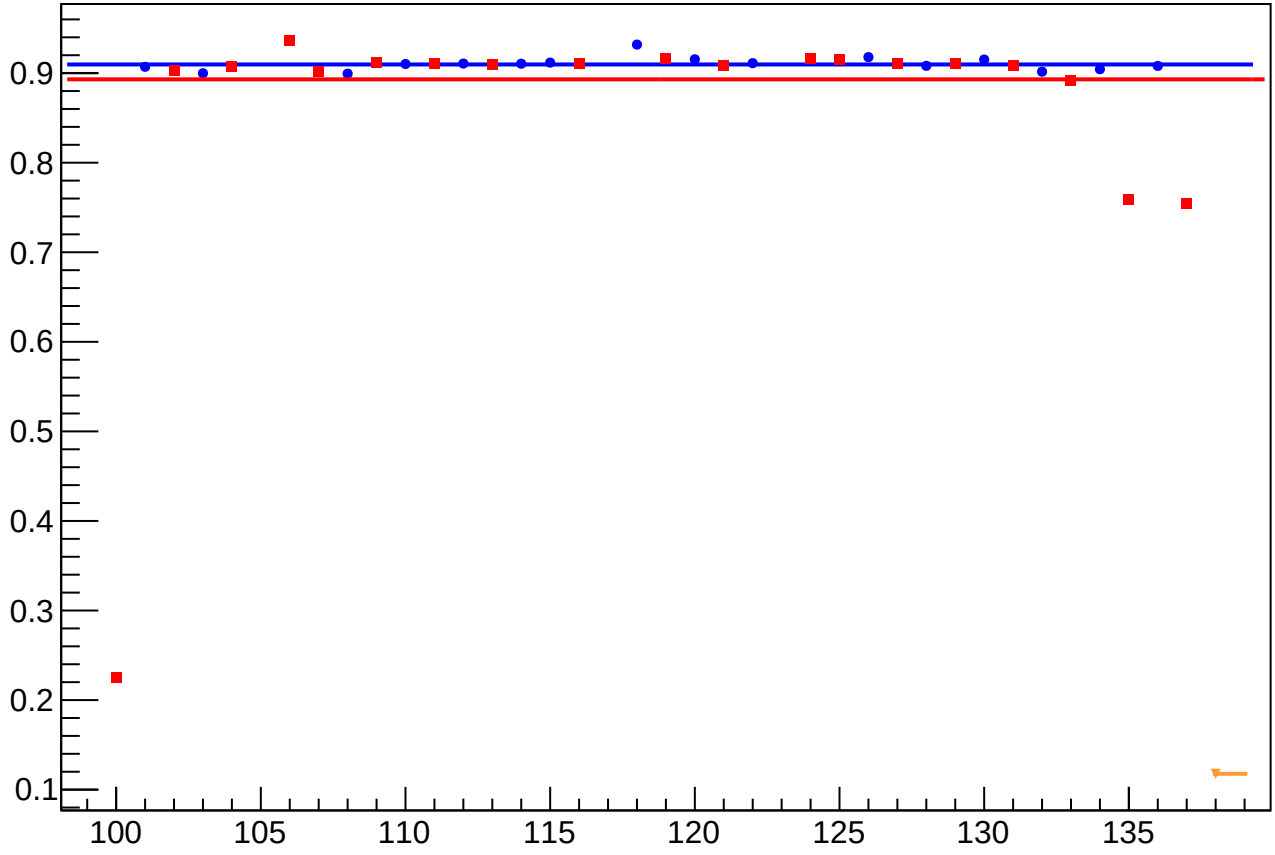
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 1030401.2/16

All: 0.004+/-0.000 χ^2/NDF: 1824274.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.910+/-0.000 χ^2/NDF: 3133349.6/15

Left Out: 0.118+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.893+/-0.000 χ^2/NDF: 327979021.4/18

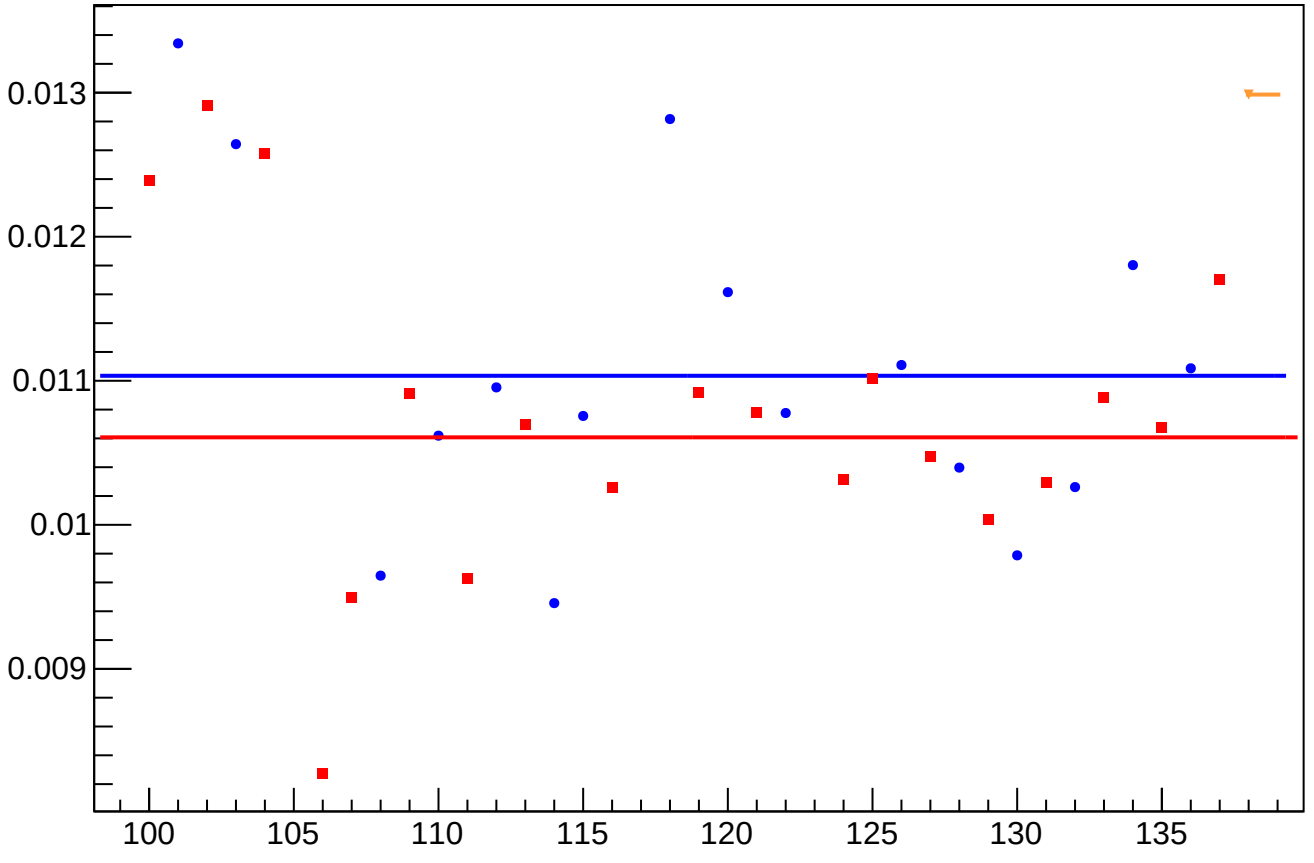
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.854+/-0.000 χ^2/NDF: 2472002169.1/16

All: 0.874+/-0.000 χ^2/NDF: 2846567830.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 130353.1/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

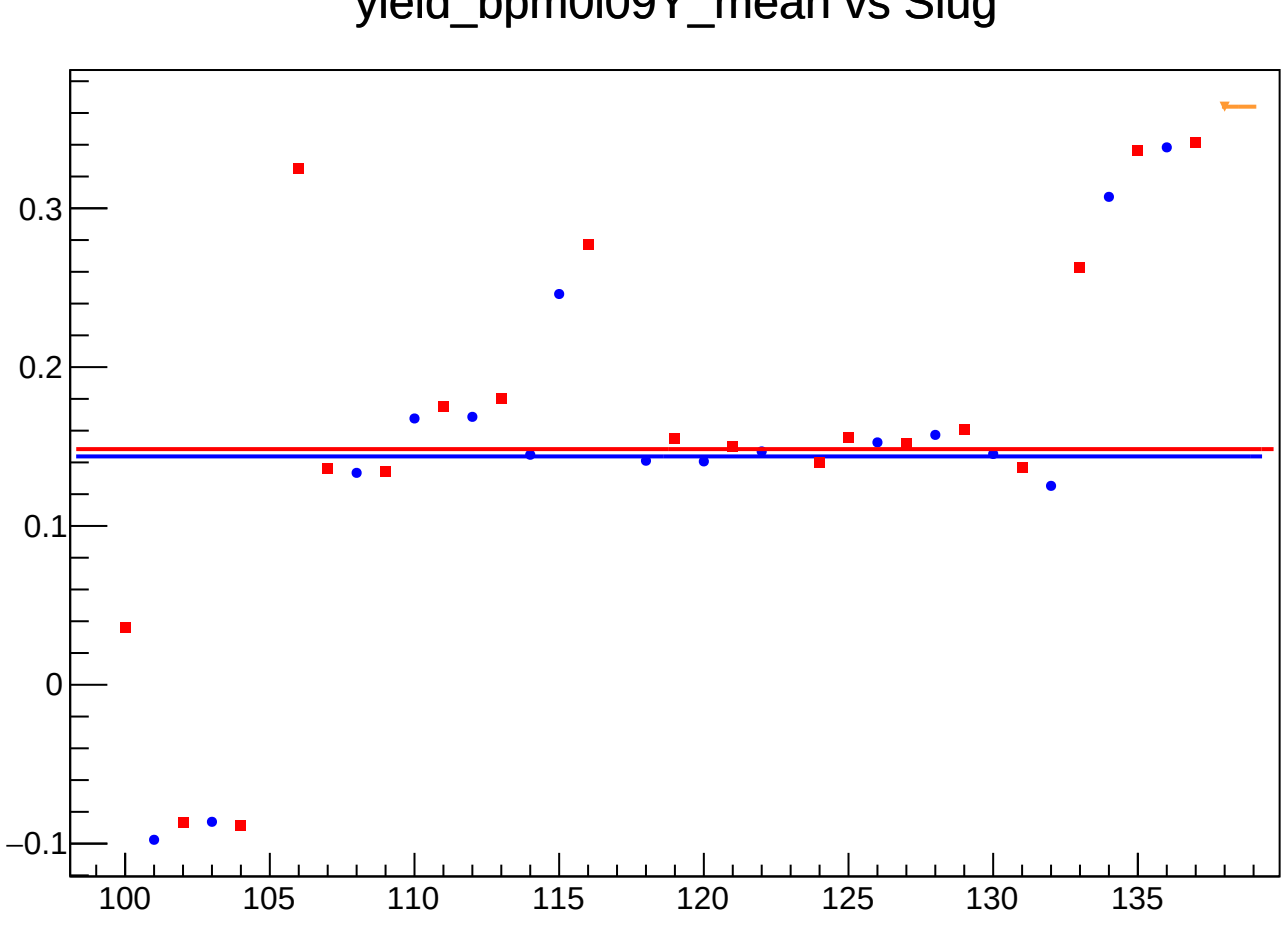
Right Out: 0.011+/-0.000 χ^2/NDF: 143947.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.000 χ^2/NDF: 160354.0/16

All: 0.011+/-0.000 χ^2/NDF: 324086.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.144+/-0.000 χ^2/NDF: 7867304536.4/15

Left Out: 0.364+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.148+/-0.000 χ^2/NDF: 7128567107.5/18

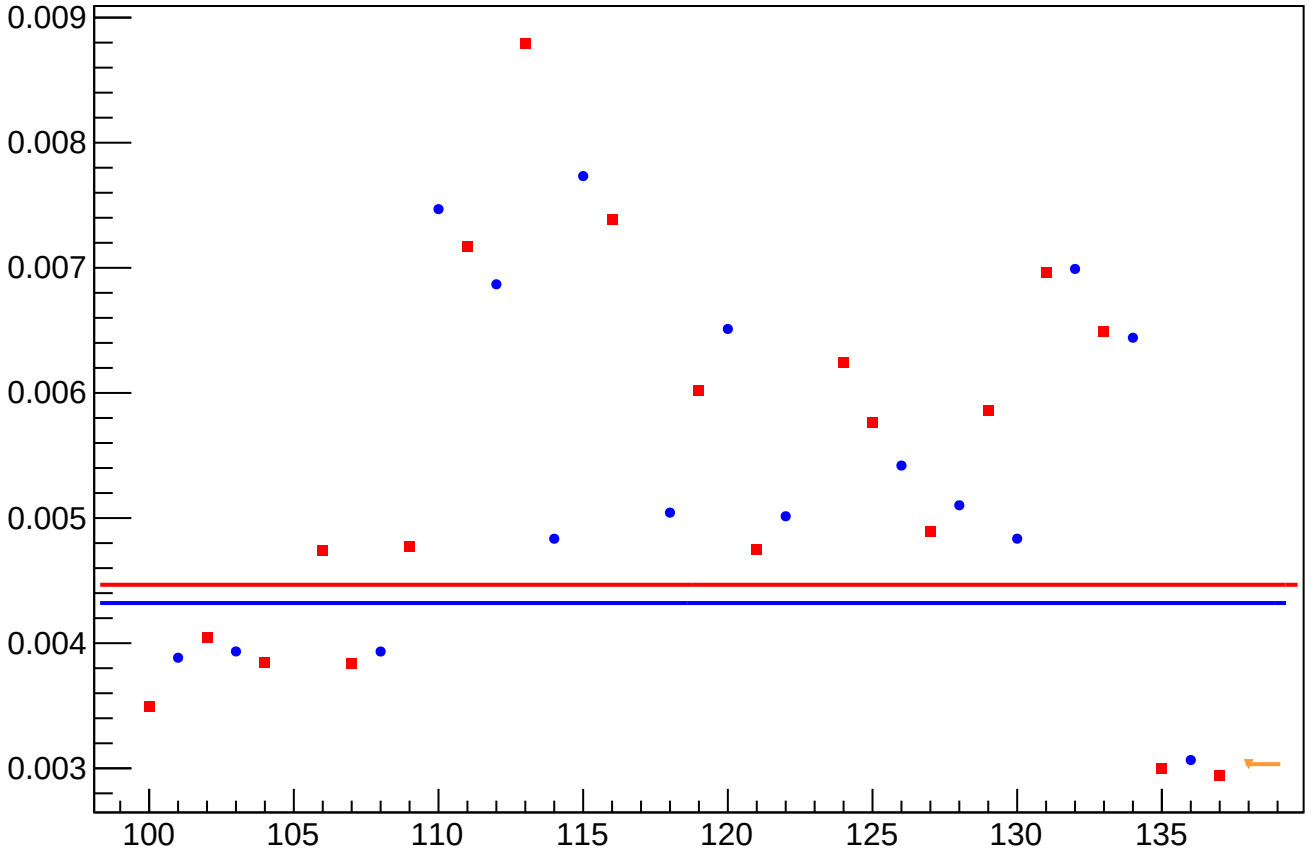
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.187+/-0.000 χ^2/NDF: 10809607961.9/16

All: 0.170+/-0.000 χ^2/NDF: 18192285184.7/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 878343.4/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

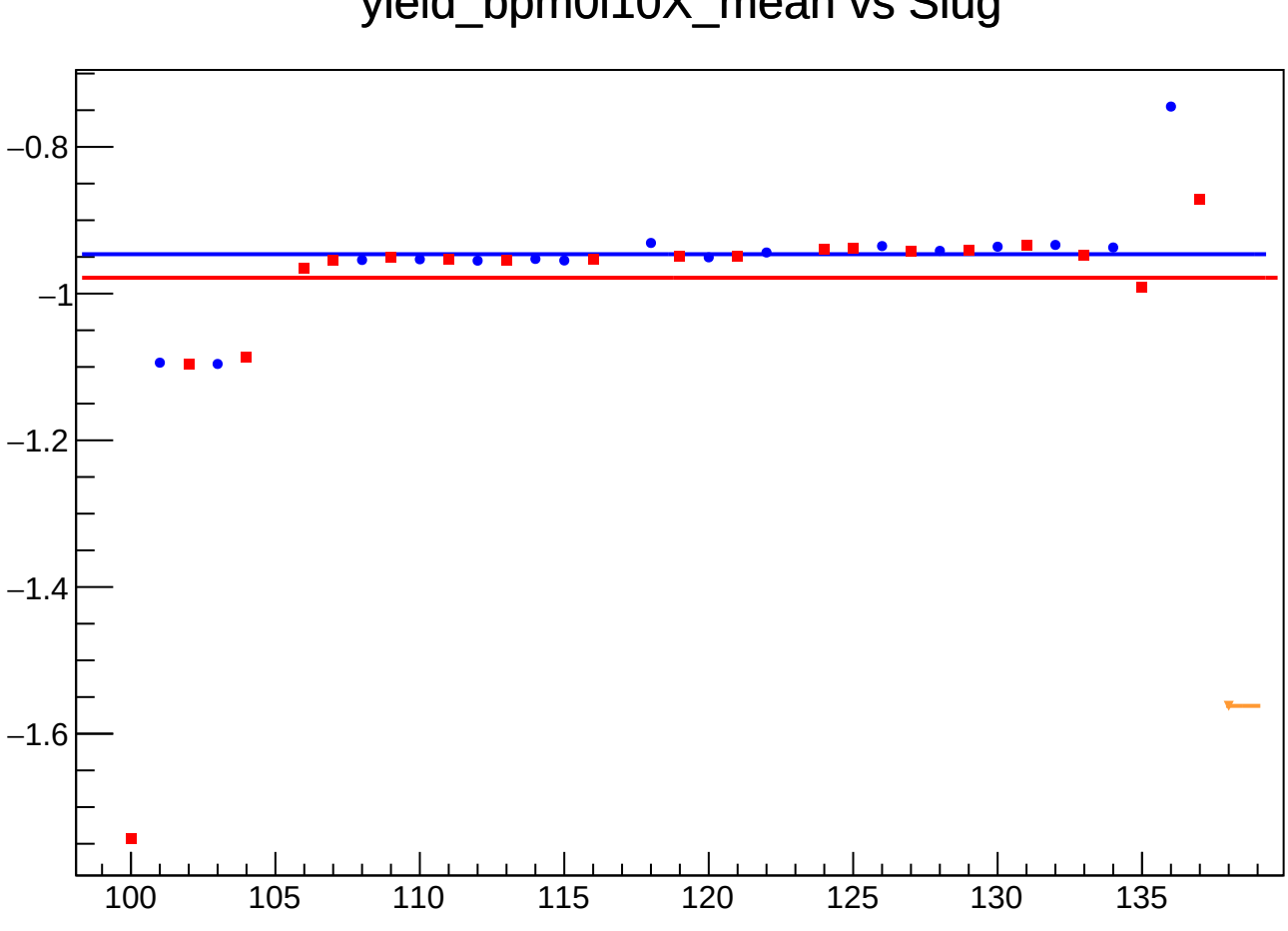
Right Out: 0.004+/-0.000 χ^2/NDF: 1085759.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 1079594.5/16

All: 0.004+/-0.000 χ^2/NDF: 2219143.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.946+/-0.000 χ^2/NDF: 404509465.5/15

Left Out: -1.562+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.978+/-0.000 χ^2/NDF: 461081476.3/18

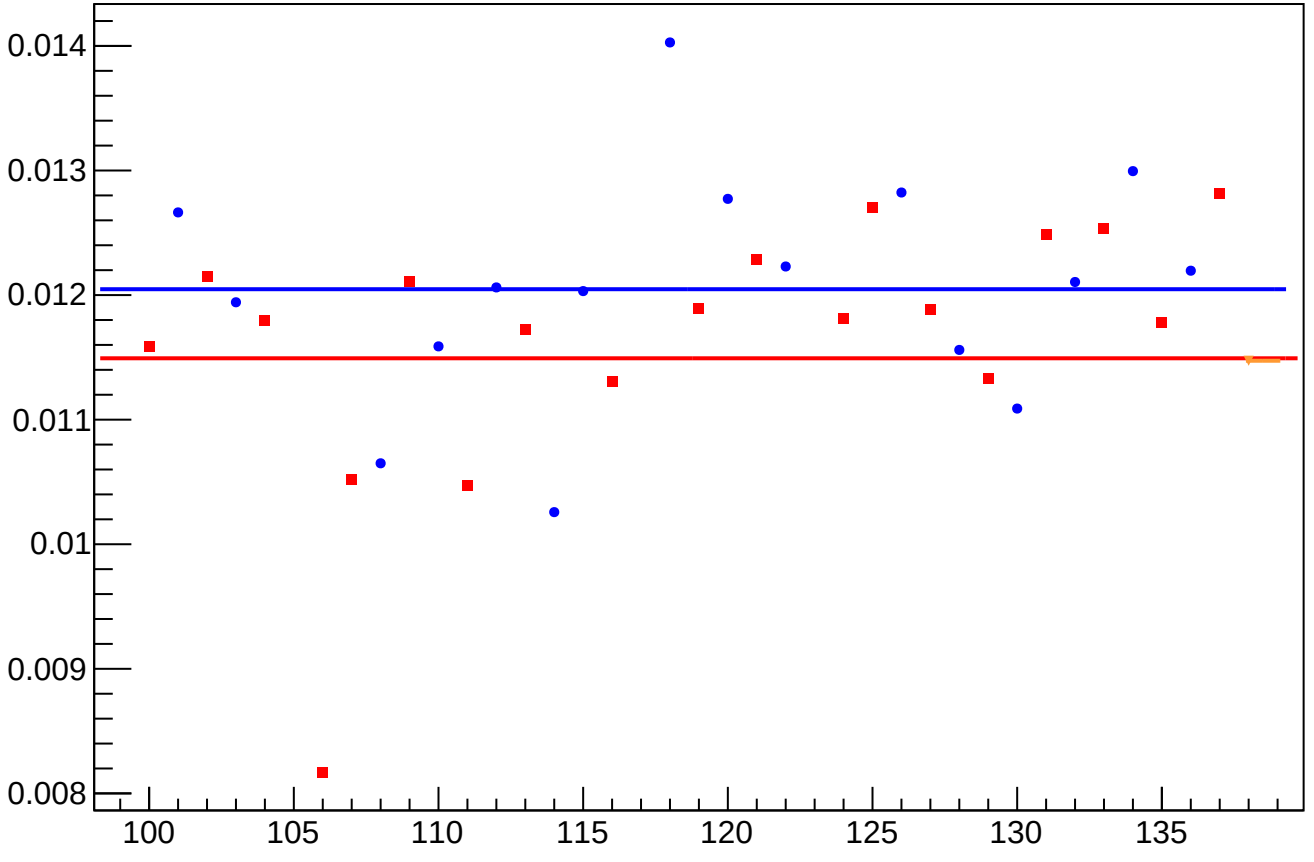
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.010+/-0.000 χ^2/NDF: 2259176871.0/16

All: -0.994+/-0.000 χ^2/NDF: 2746782422.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 62476.3/15

Left Out: 0.011+/-0.000 χ^2/NDF:0.0/0

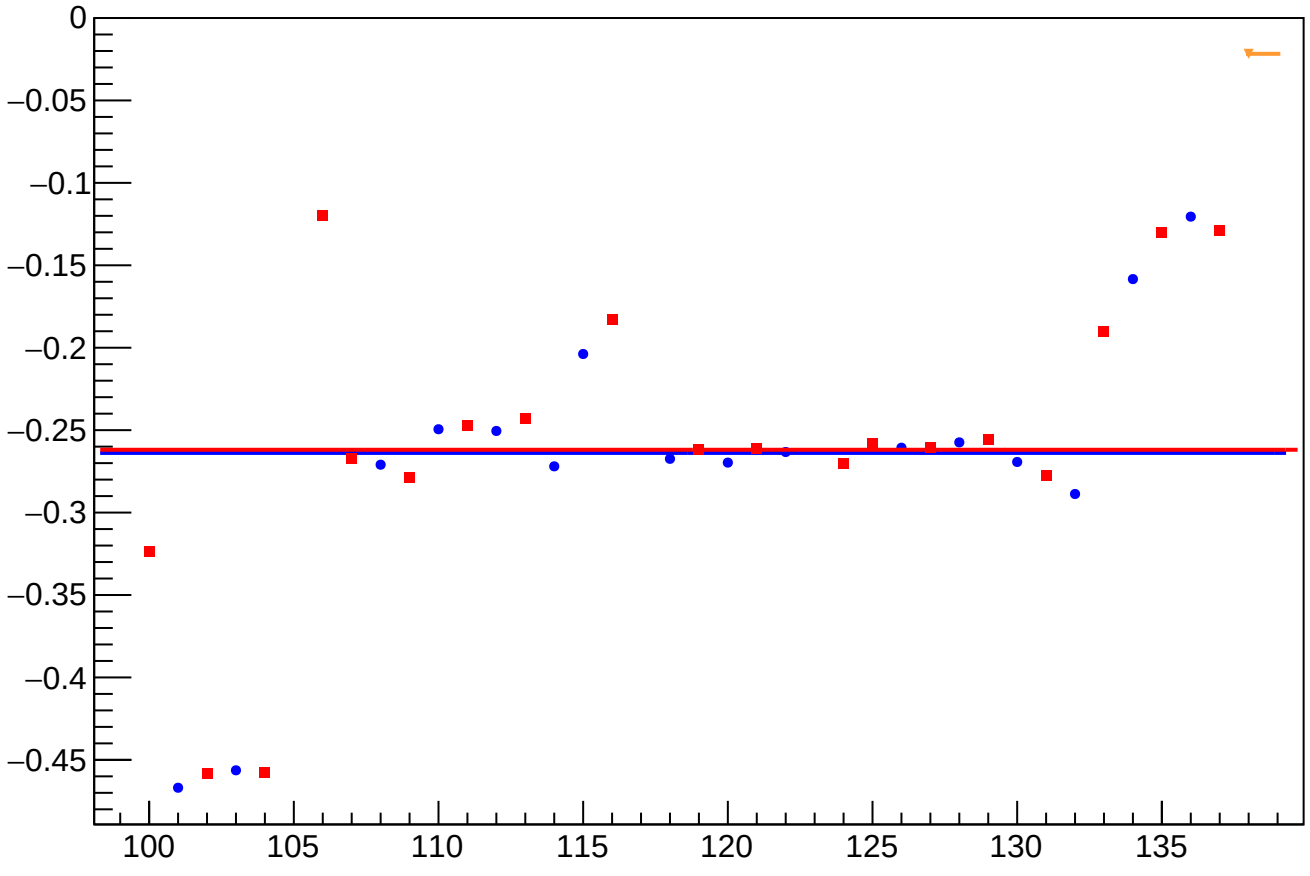
Right Out: 0.011+/-0.000 χ^2/NDF: 151309.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 65702.0/16

All: 0.012+/-0.000 χ^2/NDF: 230129.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.264+/-0.000 χ^2/NDF: 6106171444.3/15

Left Out: -0.022+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.262+/-0.000 χ^2/NDF: 5250043427.3/18

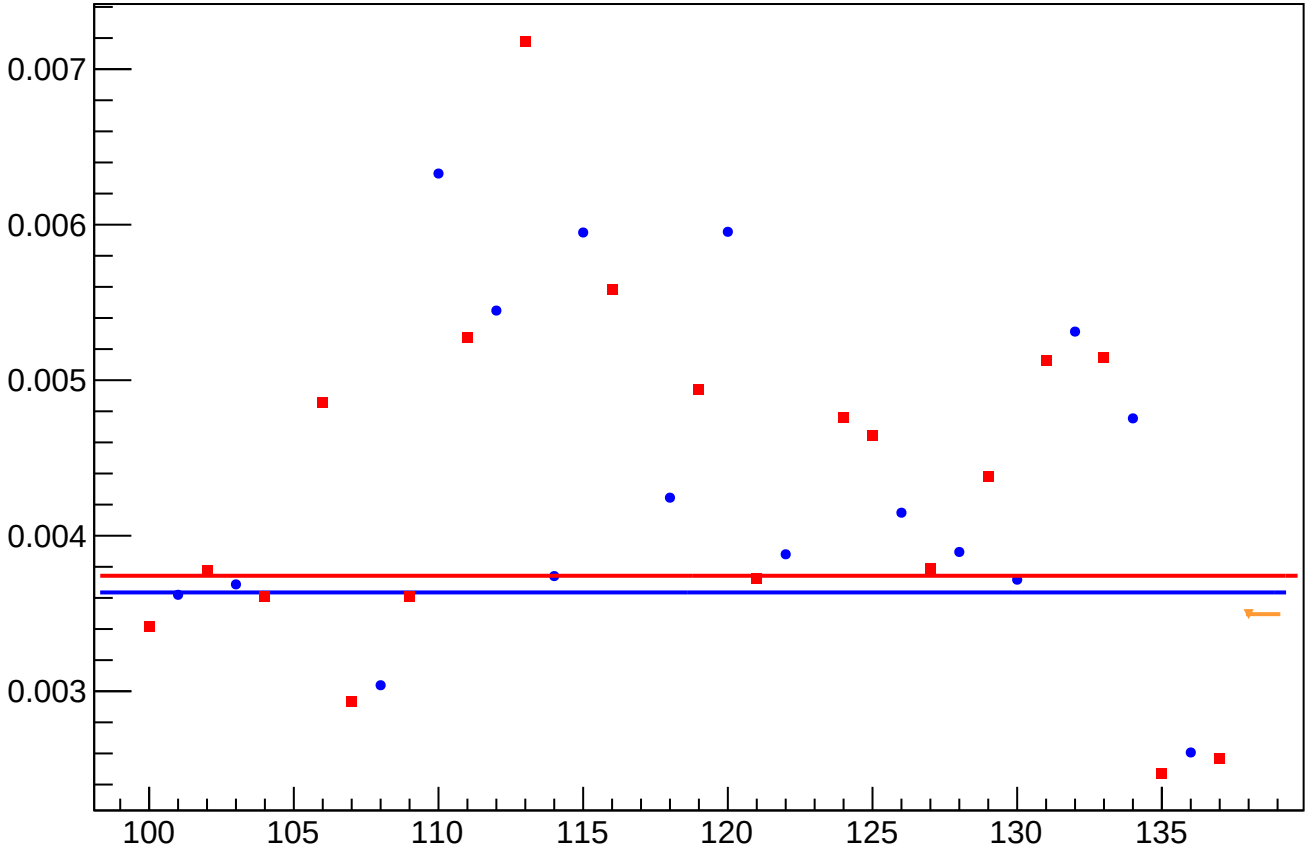
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.237+/-0.000 χ^2/NDF: 8951098526.2/16

All: -0.249+/-0.000 χ^2/NDF: 14344413058.0/

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 728598.9/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF: 894189.4/18

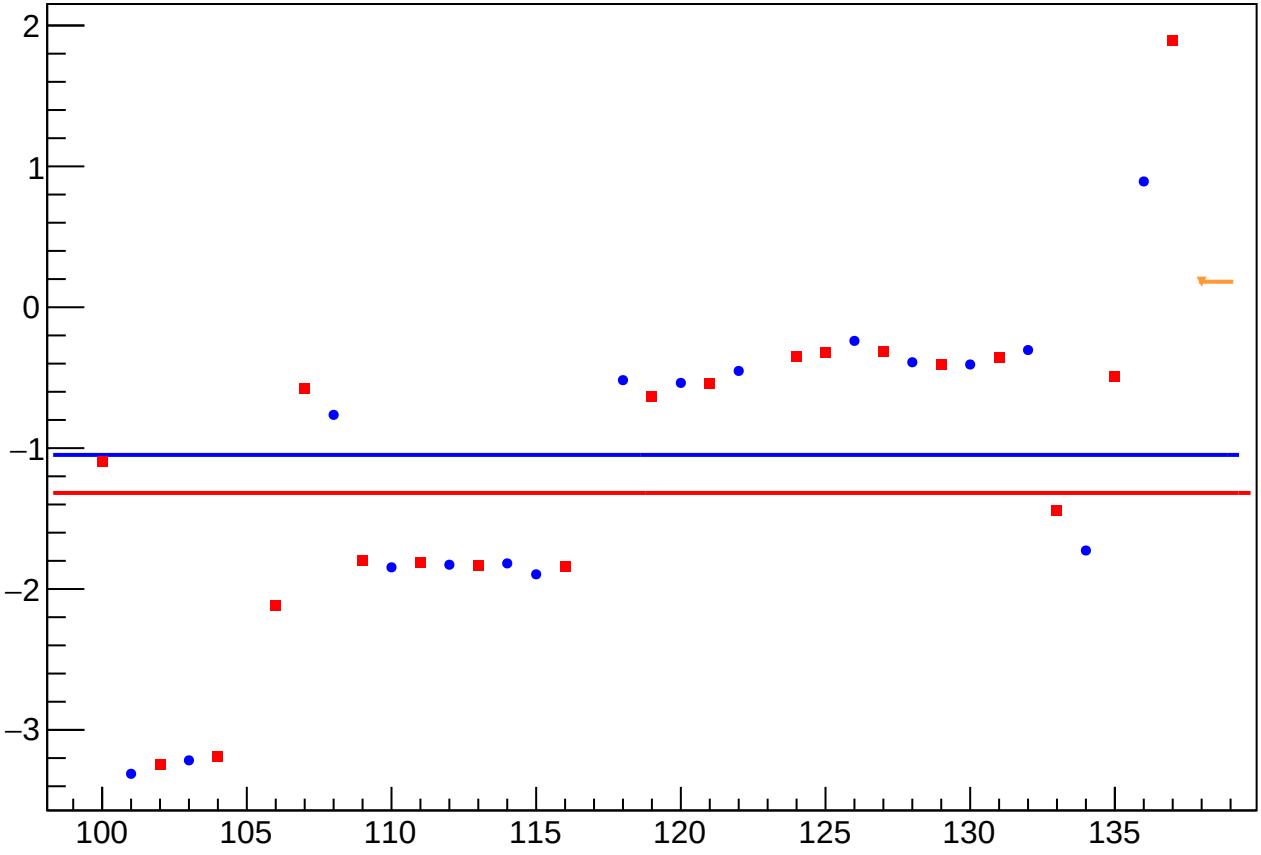
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 730490.9/16

All: 0.004+/-0.000 χ^2/NDF: 1631590.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -1.048+/-0.000 χ^2/NDF: 2347020985.5/15

Left Out: 0.181+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.318+/-0.000 χ^2/NDF: 1847995615.1/18

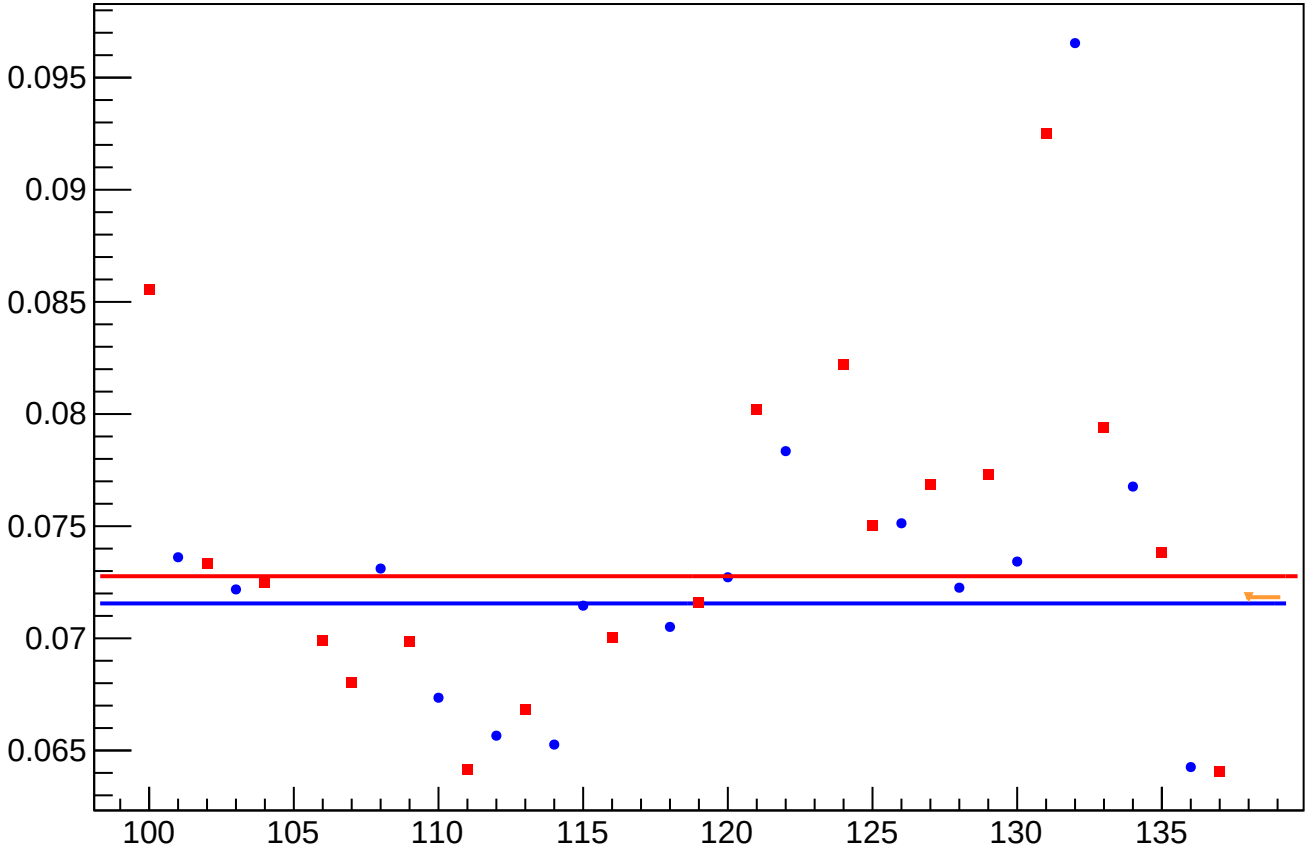
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.926+/-0.000 χ^2/NDF: 2551908012.6/16

All: -1.112+/-0.000 χ^2/NDF: 4510515044.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r03X_rms vs Slug



Right In: 0.072+/-0.000 χ^2/NDF: 101238.7/15

Left Out: 0.072+/-0.000 χ^2/NDF:0.0/0

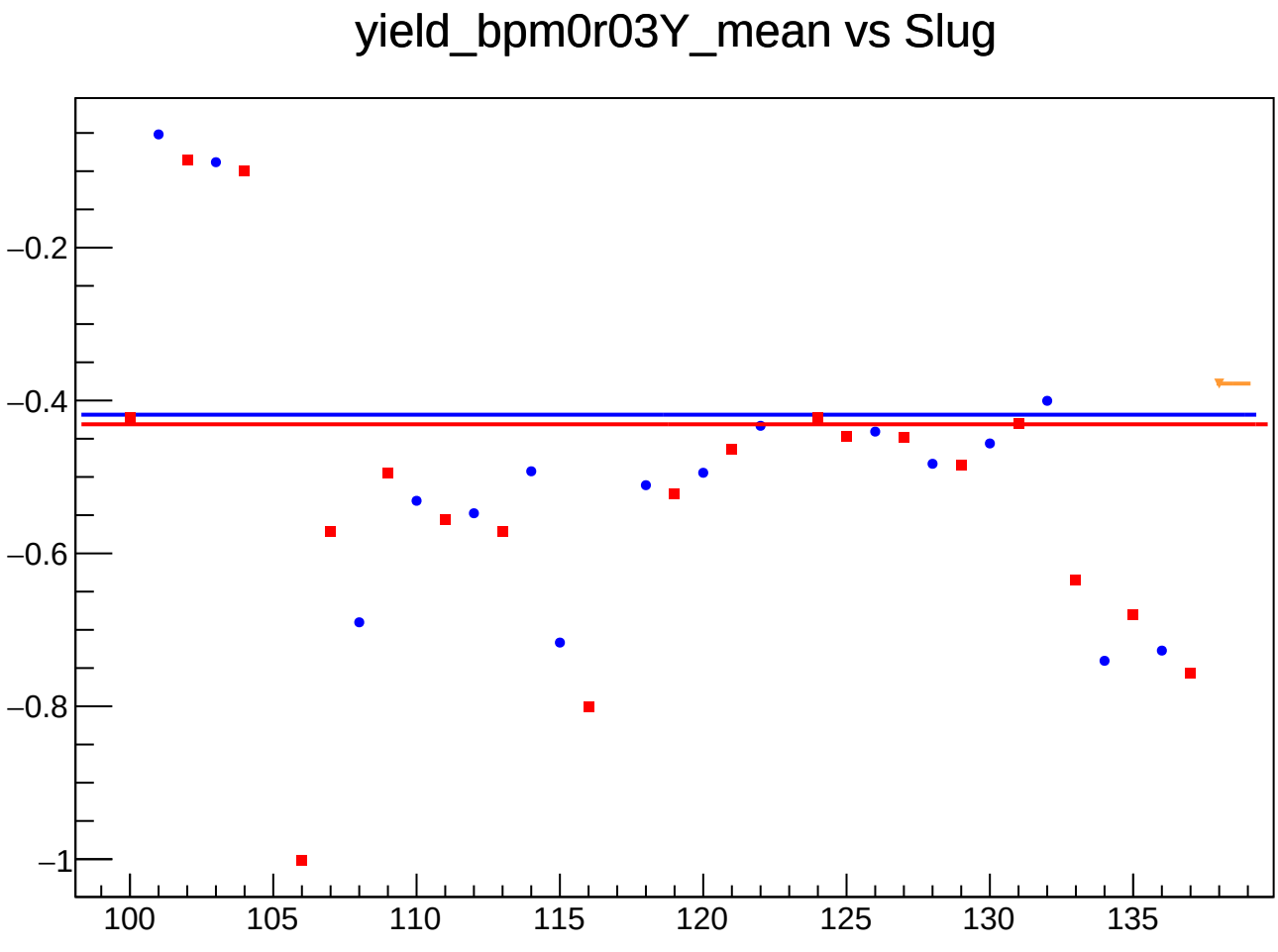
Right Out: 0.073+/-0.000 χ^2/NDF: 96874.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.072+/-0.000 χ^2/NDF: 101259.6/16

All: 0.072+/-0.000 χ^2/NDF: 200160.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.419+/-0.000 χ^2/NDF: 3072147227.9/15

Left Out: -0.378+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.431+/-0.000 χ^2/NDF: 3196655095.4/18

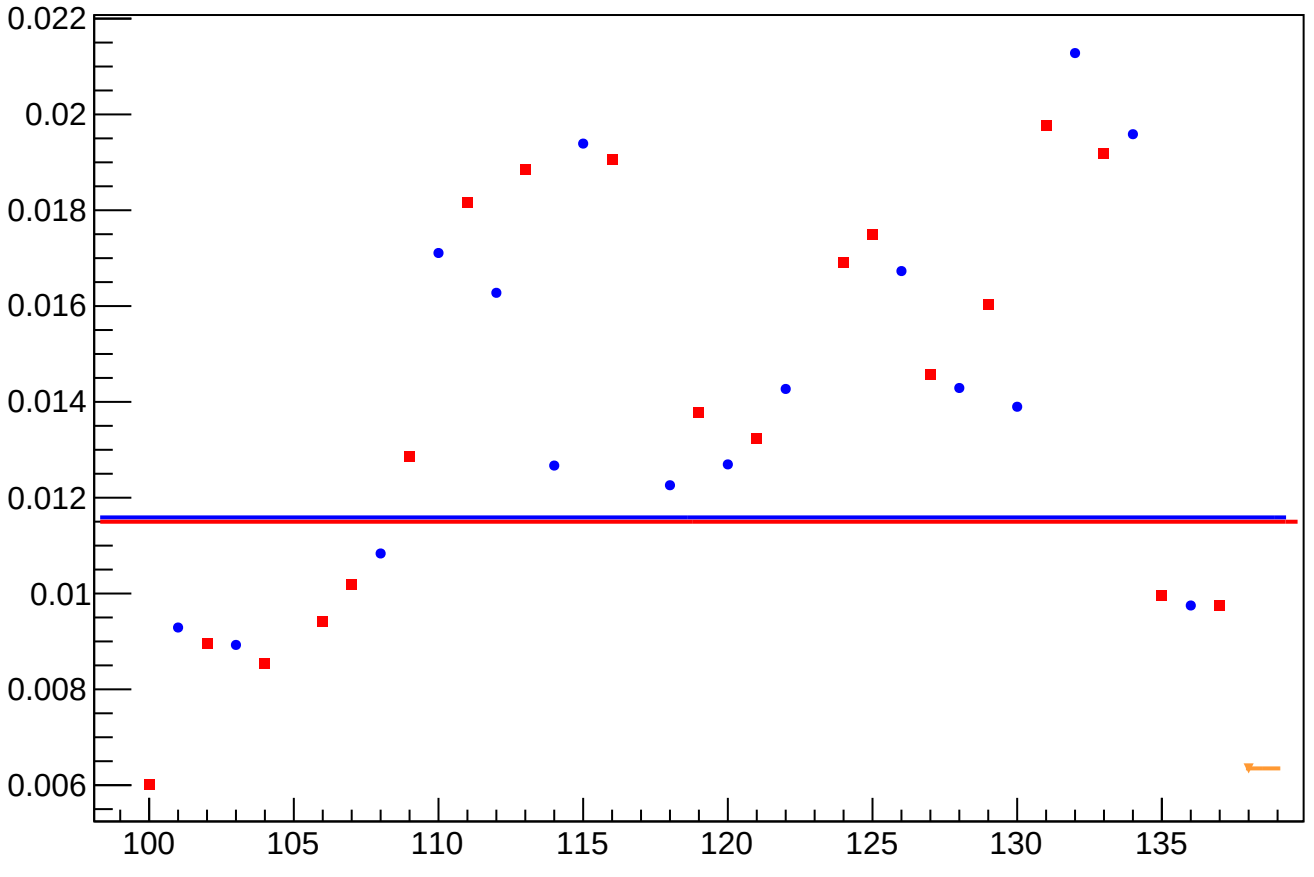
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.407+/-0.000 χ^2/NDF: 3092891144.2/16

All: -0.417+/-0.000 χ^2/NDF: 6304672390.6/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r03Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 786260.7/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF: 1164657.0/18

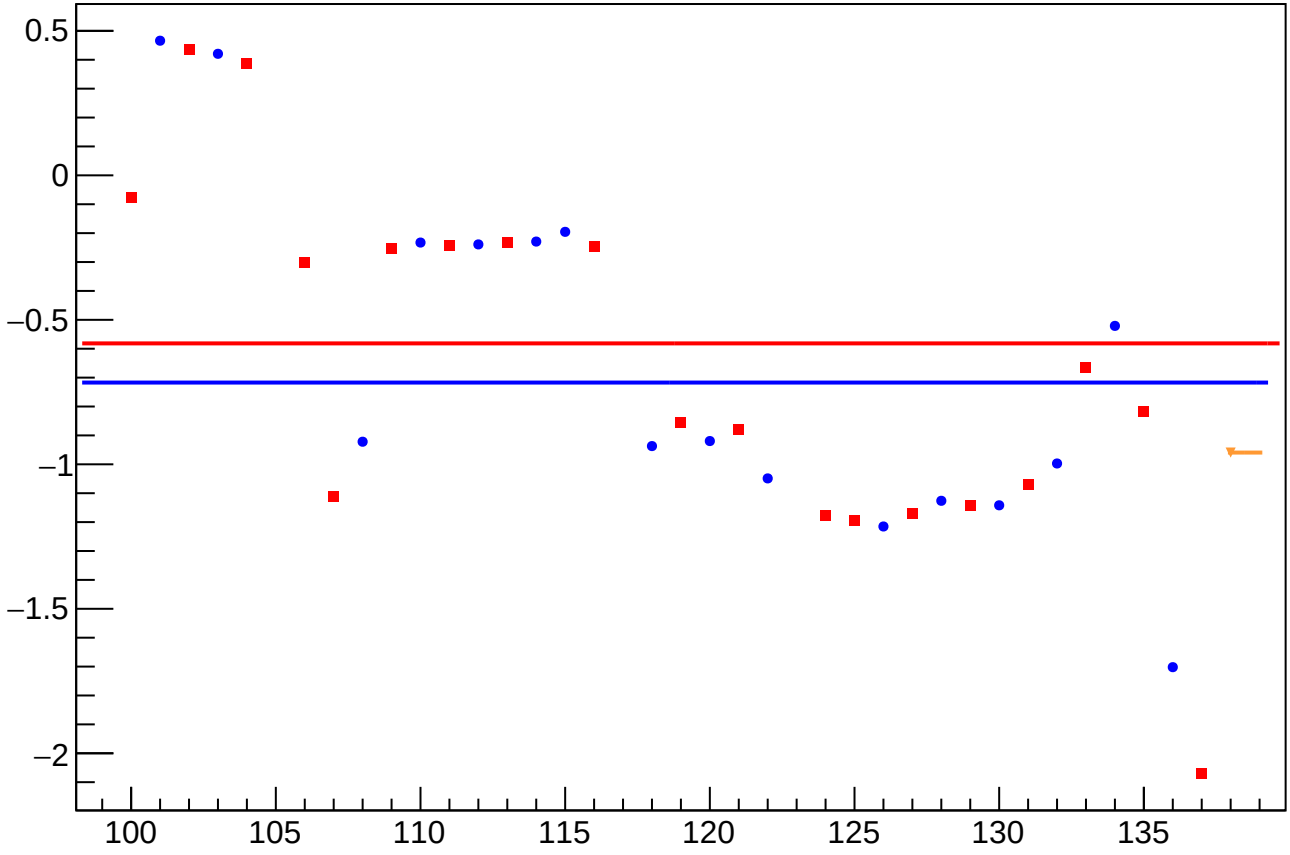
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.000 χ^2/NDF: 1473744.0/16

All: 0.011+/-0.000 χ^2/NDF: 2739321.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r05X_mean vs Slug



Right In: -0.717+/-0.000 χ^2/NDF: 437423792.4/15

Left Out: -0.959+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.582+/-0.000 χ^2/NDF: 342062039.8/18

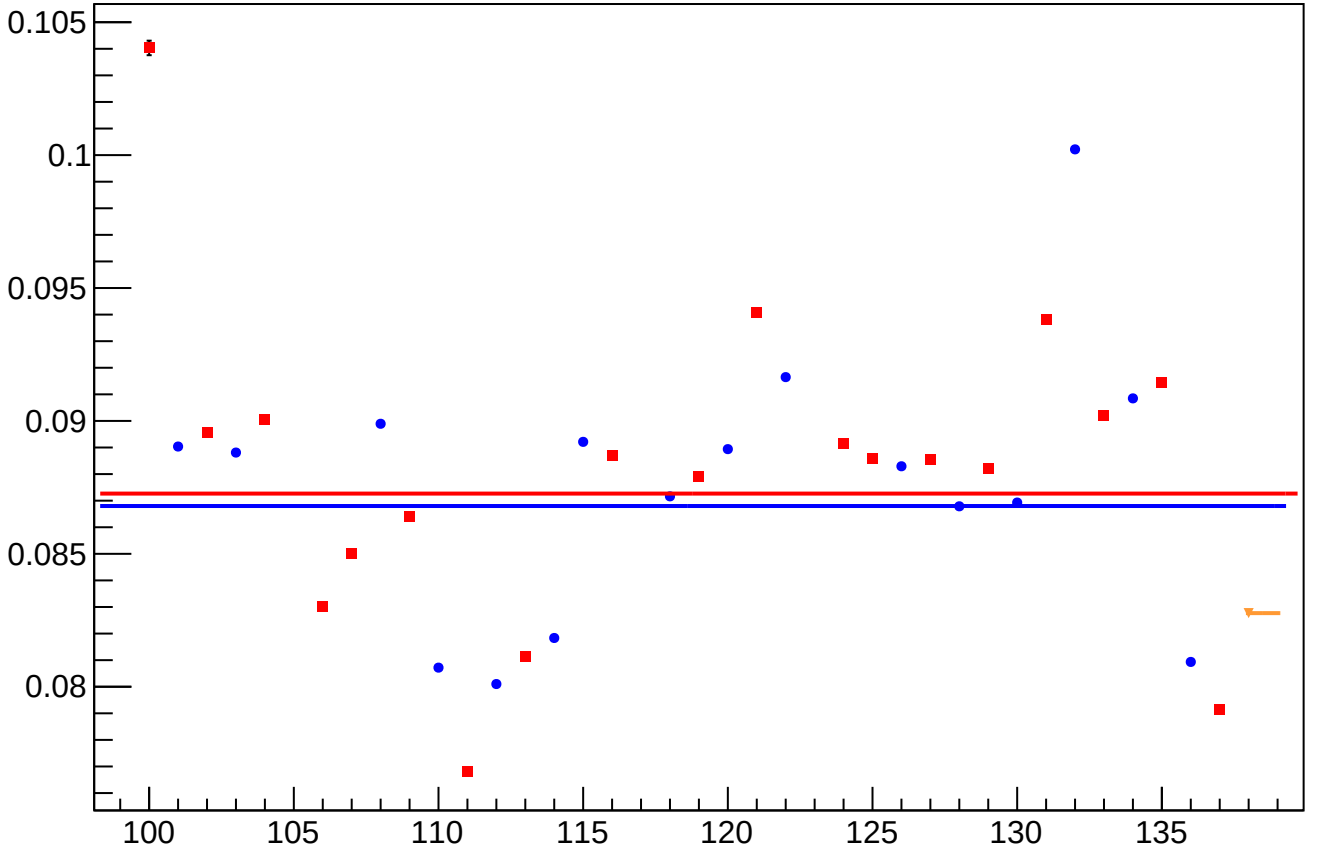
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.743+/-0.000 χ^2/NDF: 443383823.5/16

All: -0.666+/-0.000 χ^2/NDF: 798726054.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.087+/-0.000 χ^2/NDF: 43575.8/15

Left Out: 0.083+/-0.000 χ^2/NDF:0.0/0

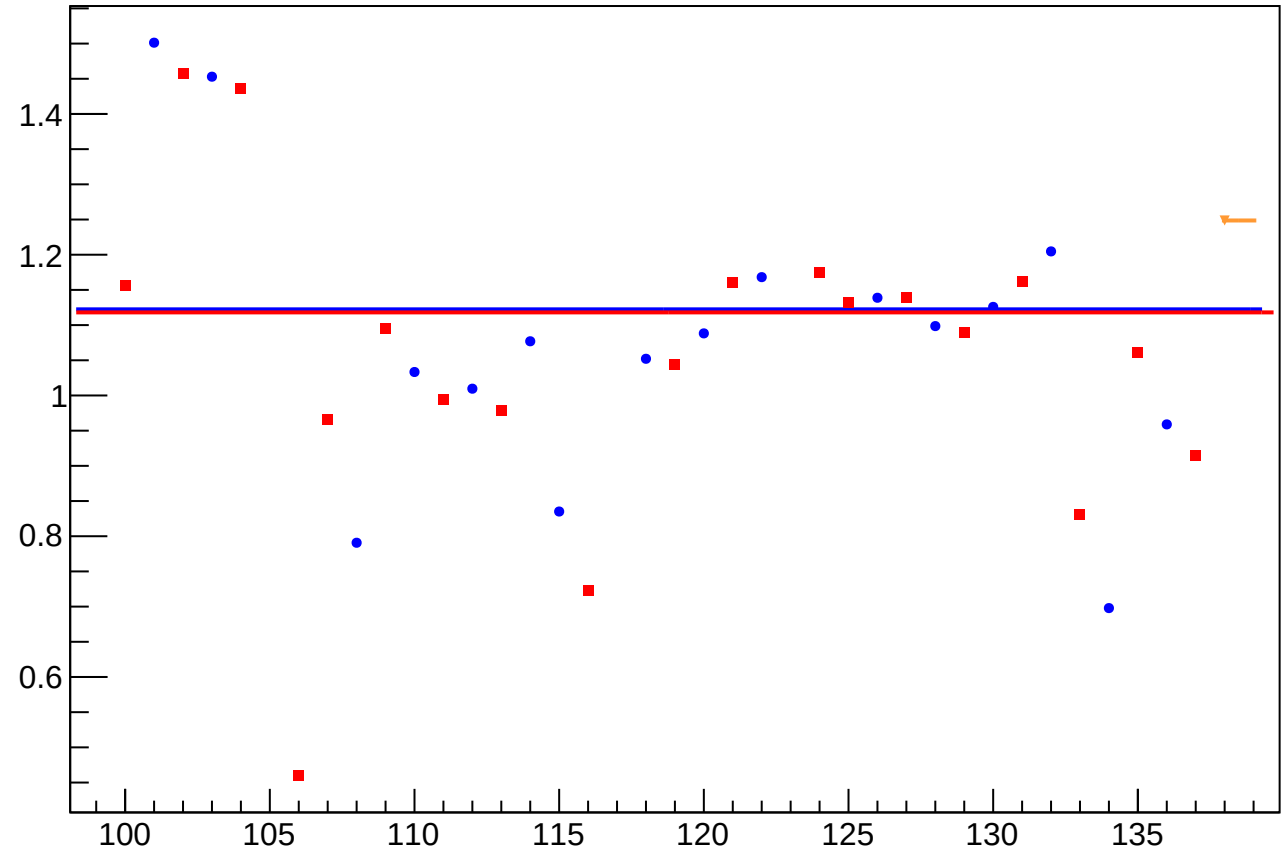
Right Out: 0.087+/-0.000 χ^2/NDF: 46163.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.086+/-0.000 χ^2/NDF: 46873.1/16

All: 0.087+/-0.000 χ^2/NDF: 93858.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.122+/-0.000 χ^2/NDF: 1454303379.1/15

Left Out: 1.249+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.118+/-0.000 χ^2/NDF: 1570269350.9/18

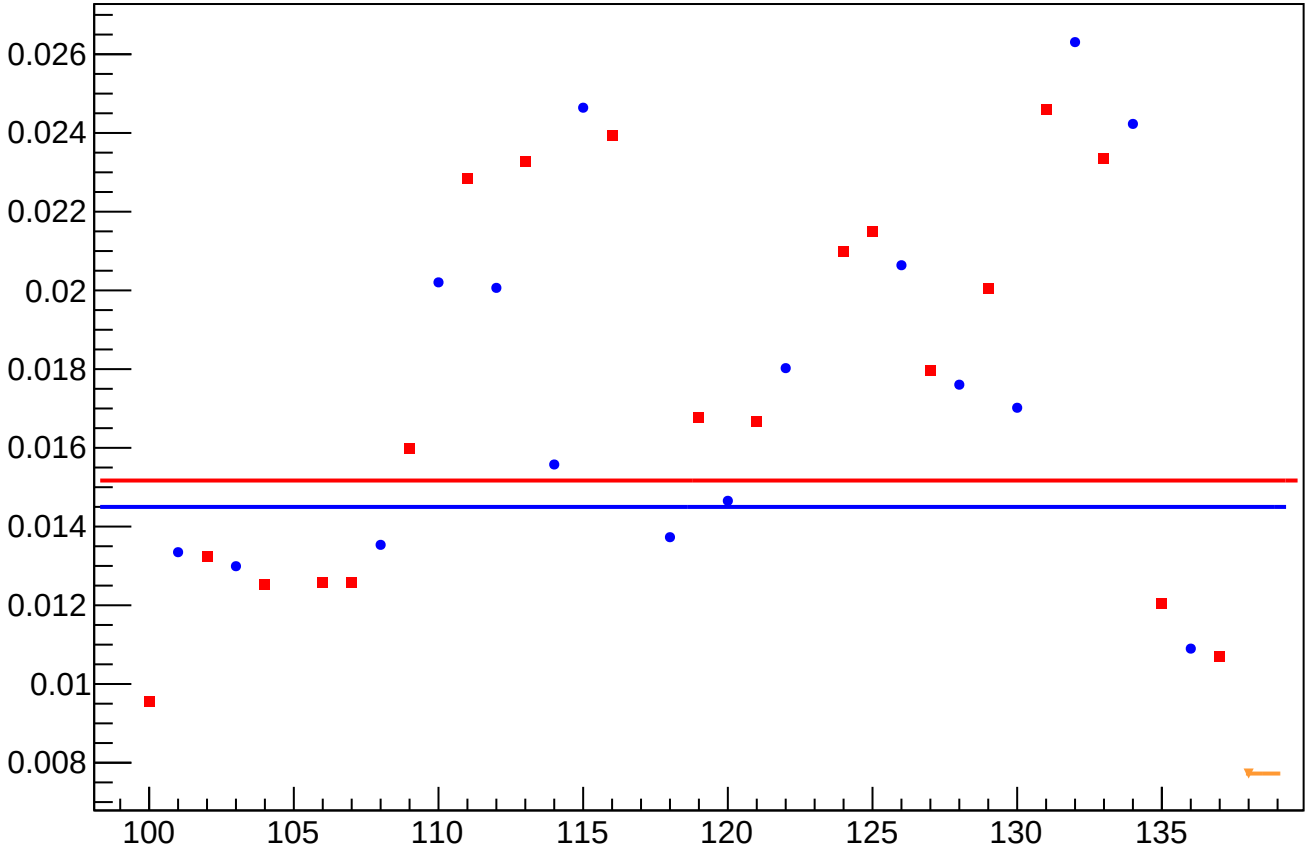
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.161+/-0.000 χ^2/NDF: 1593691882.1/16

All: 1.144+/-0.000 χ^2/NDF: 3194121037.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 710345.3/15

Left Out: 0.008+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF: 864637.6/18

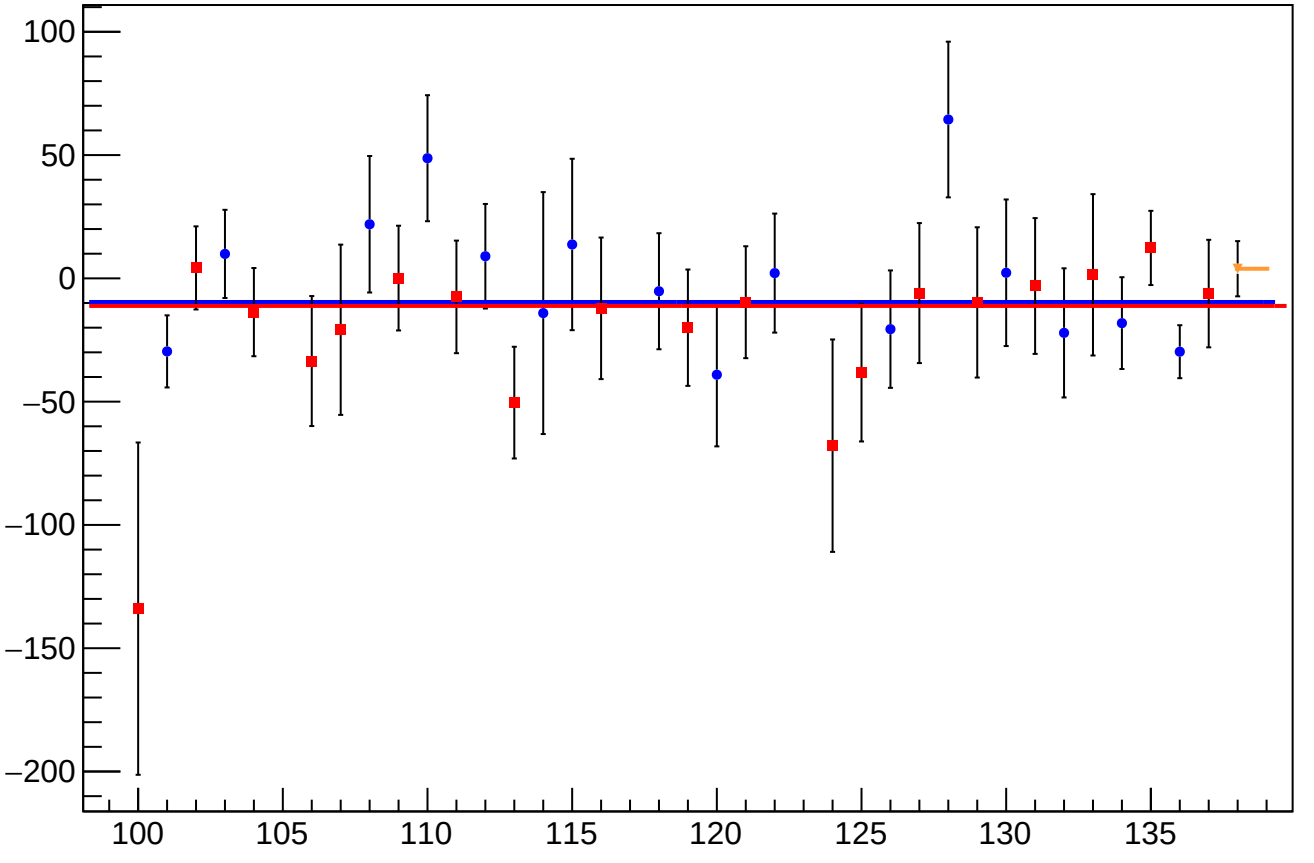
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 1512721.0/16

All: 0.013+/-0.000 χ^2/NDF: 2622815.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aX_mean vs Slug



Right In: -9.581+/-5.291 χ^2/NDF: 21.9/15

Left Out: 3.905+/-11.198 χ^2/NDF:0.0/0

Right Out: -11.177+/-5.497 χ^2/NDF: 13.9/18

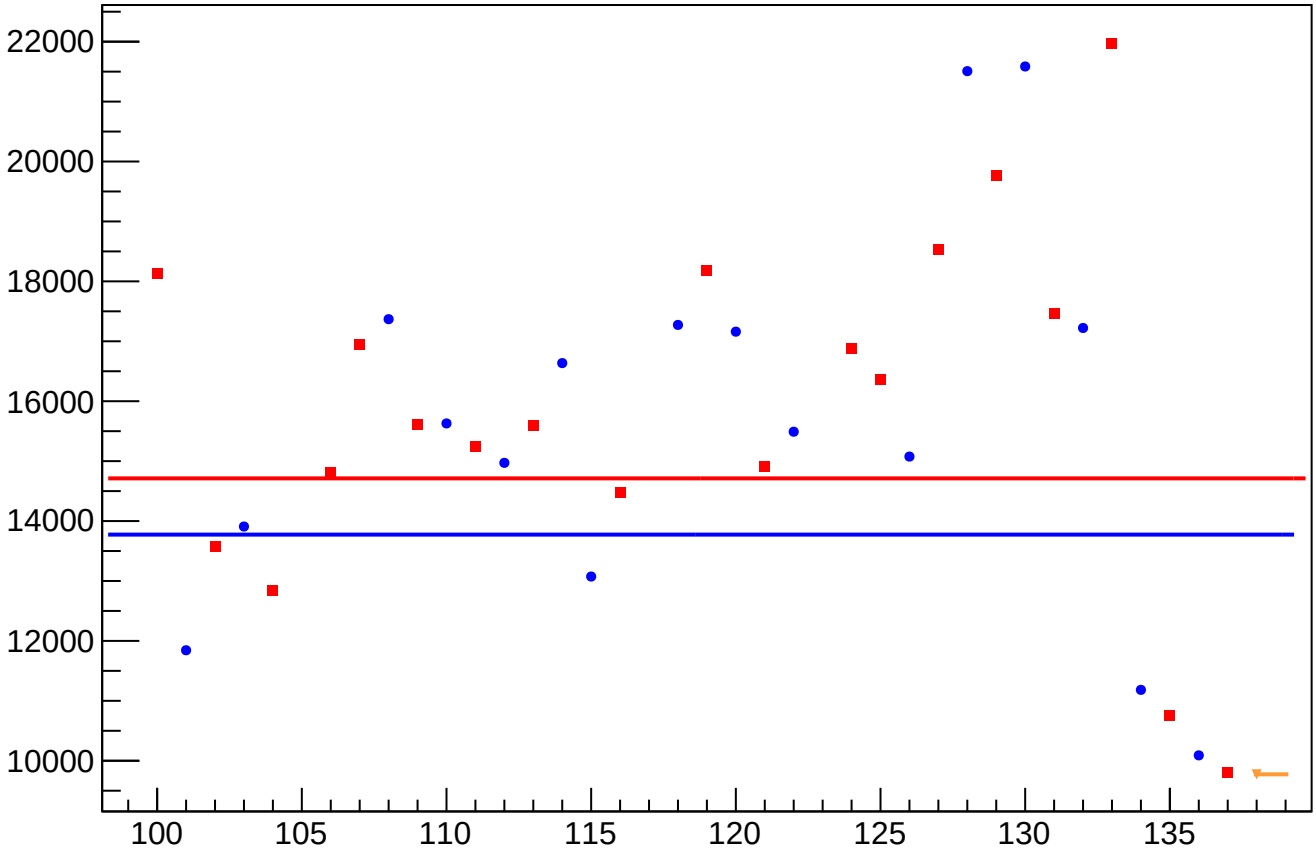
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -7.121+/-4.784 χ^2/NDF: 23.1/16

All: -8.869+/-3.609 χ^2/NDF: 37.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 13773.886+/-3.741 χ^2/NDF: 747586.2/15

Left Out: 9773.534+/-7.918 χ^2/NDF:0.0/0

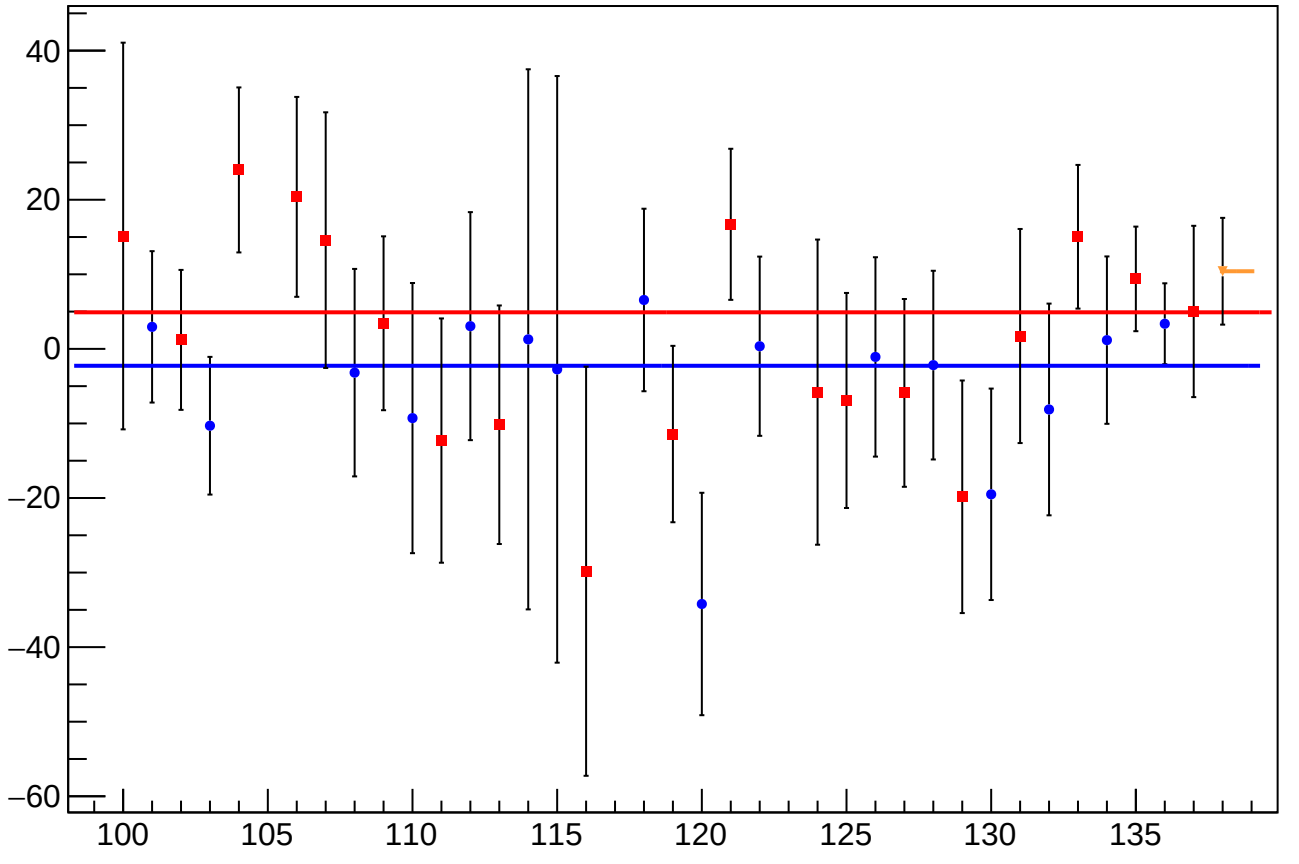
Right Out: 14712.201+/-3.887 χ^2/NDF: 557305.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13043.902+/-3.383 χ^2/NDF: 956236.0/16

All: 13762.825+/-2.552 χ^2/NDF: 1618366.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.267+/-2.922 χ^2/NDF: 9.3/15

Left Out: 10.411+/-7.160 χ^2/NDF:0.0/0

Right Out: 4.904+/-2.836 χ^2/NDF: 17.6/18

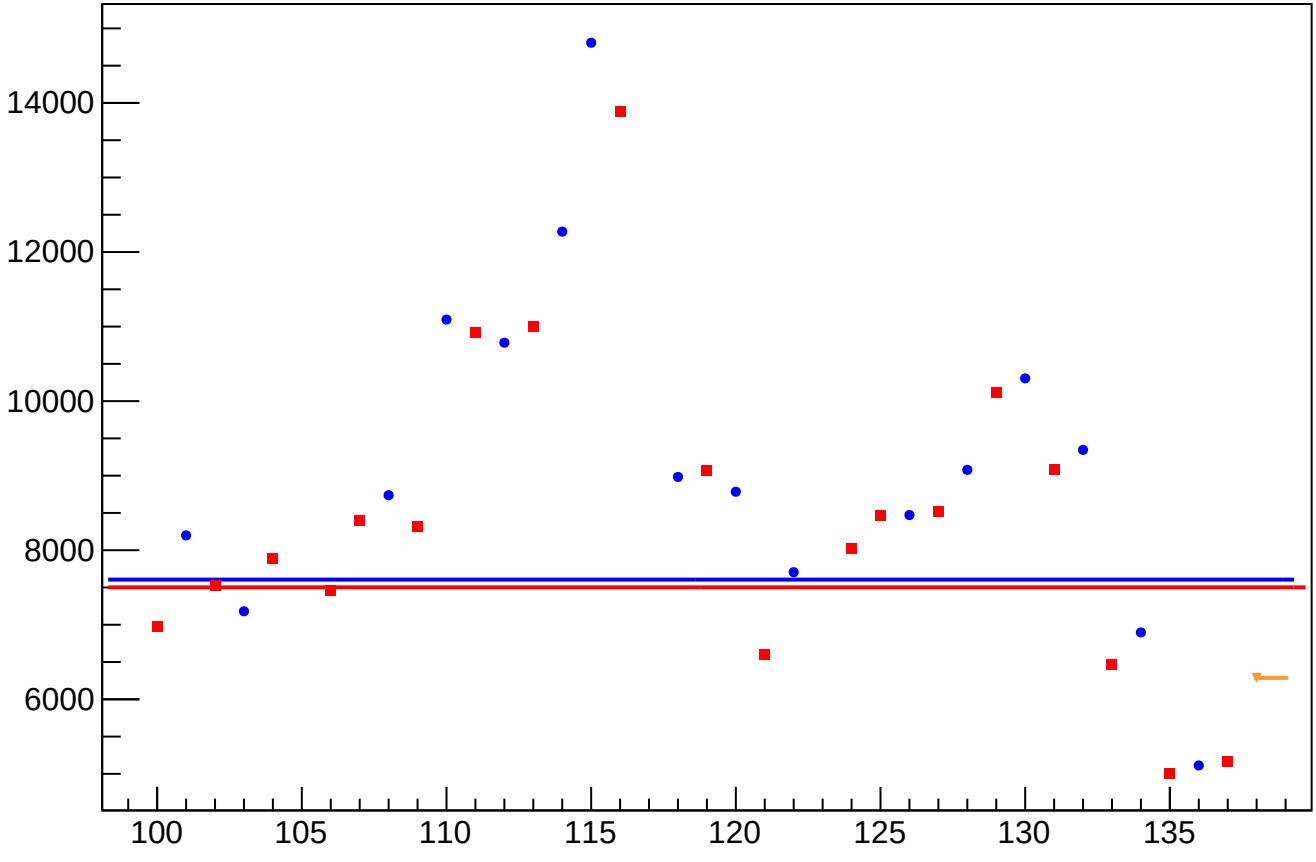
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.457+/-2.705 χ^2/NDF: 12.0/16

All: 2.097+/-1.958 χ^2/NDF: 31.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 7605.700+/-2.066 χ^2/NDF: 891494.3/15

Left Out: 6286.979+/-5.063 χ^2/NDF:0.0/0

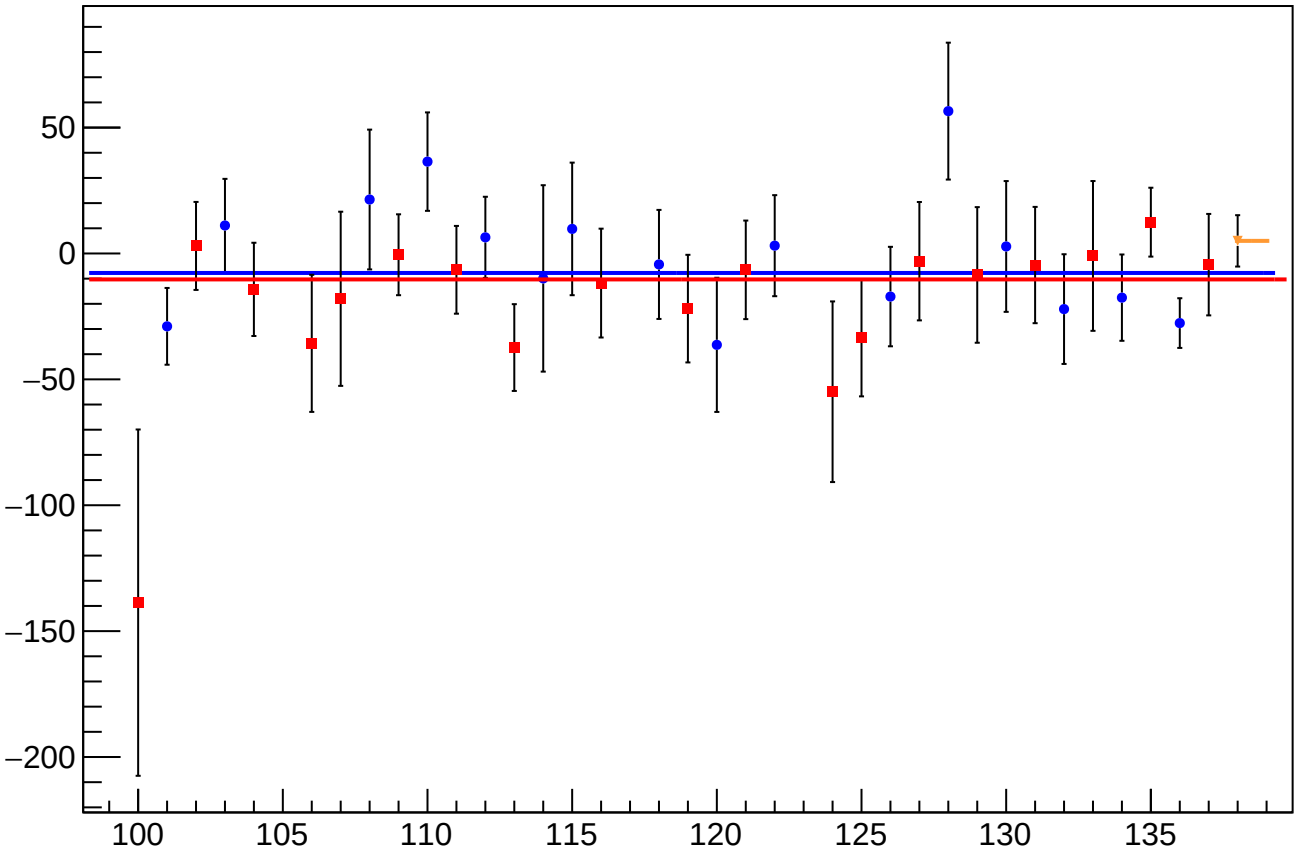
Right Out: 7501.522+/-2.005 χ^2/NDF: 823557.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7417.406+/-1.913 χ^2/NDF: 949657.2/16

All: 7457.484+/-1.384 χ^2/NDF: 1774135.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -7.741+/-4.748 χ^2/NDF: 22.7/15

Left Out: 5.004+/-10.204 χ^2/NDF:0.0/0

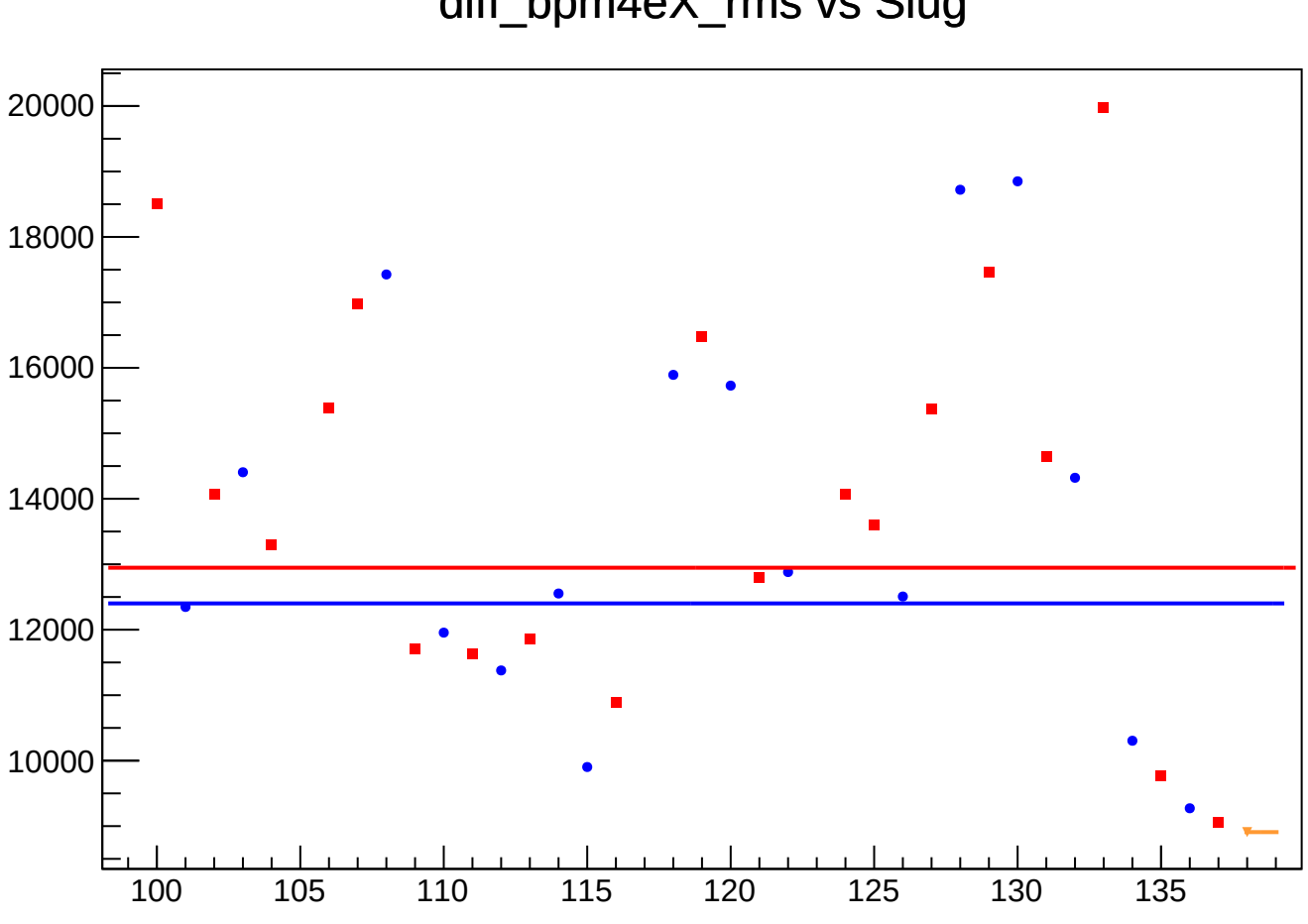
Right Out: -10.307+/-4.840 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.472+/-4.305 χ^2/NDF: 24.0/16

All: -7.608+/-3.217 χ^2/NDF: 38.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 12401.769+/-3.357 χ^2/NDF: 678310.8/15

Left Out: 8908.405+/-7.215 χ^2/NDF:0.0/0

Right Out: 12947.255+/-3.422 χ^2/NDF: 555198.3/18

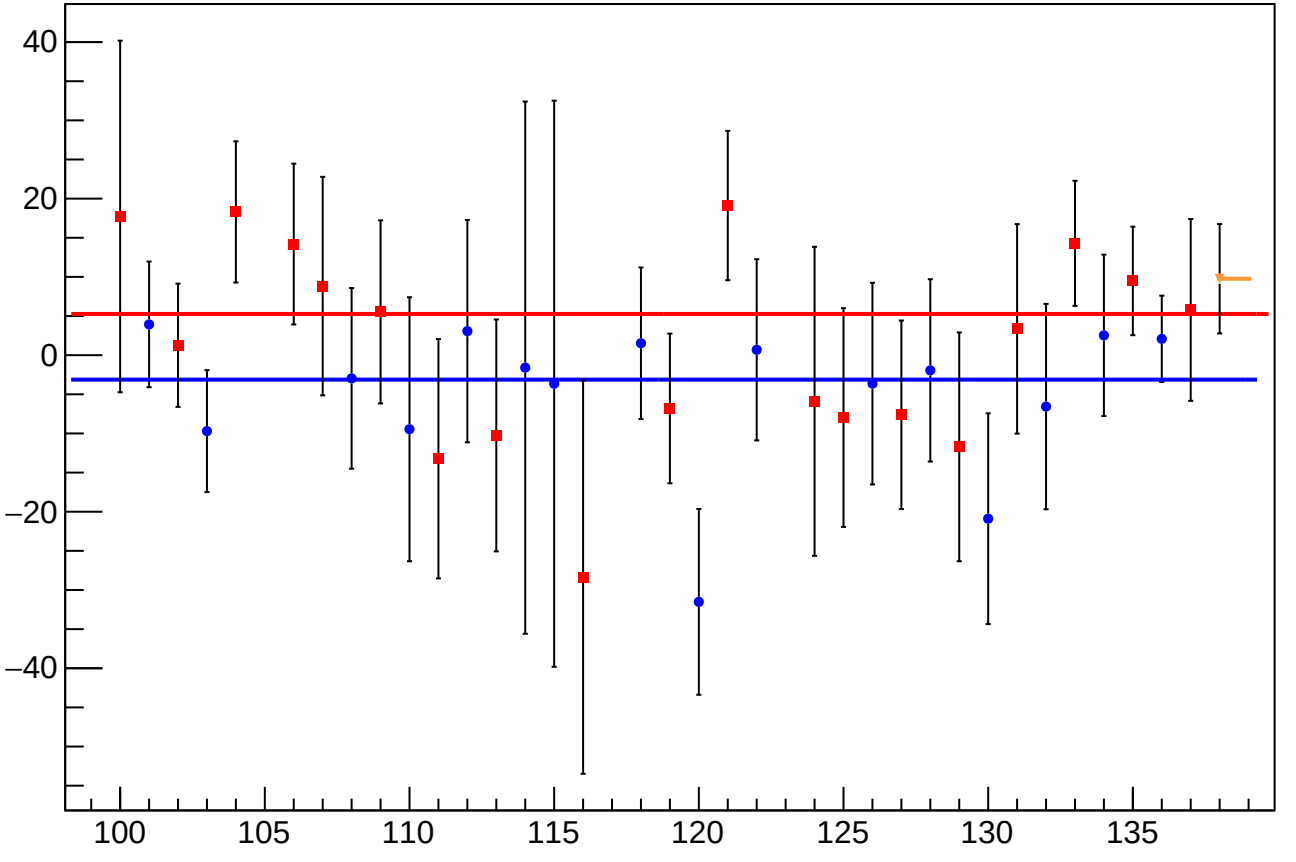
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11780.013+/-3.044 χ^2/NDF: 870993.6/16

All: 12295.606+/-2.274 χ^2/NDF: 1491139.9/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -3.123+/-2.656 χ^2/NDF: 10.9/15

Left Out: 9.766+/-6.988 χ^2/NDF:0.0/0

Right Out: 5.265+/-2.553 χ^2/NDF: 16.9/18

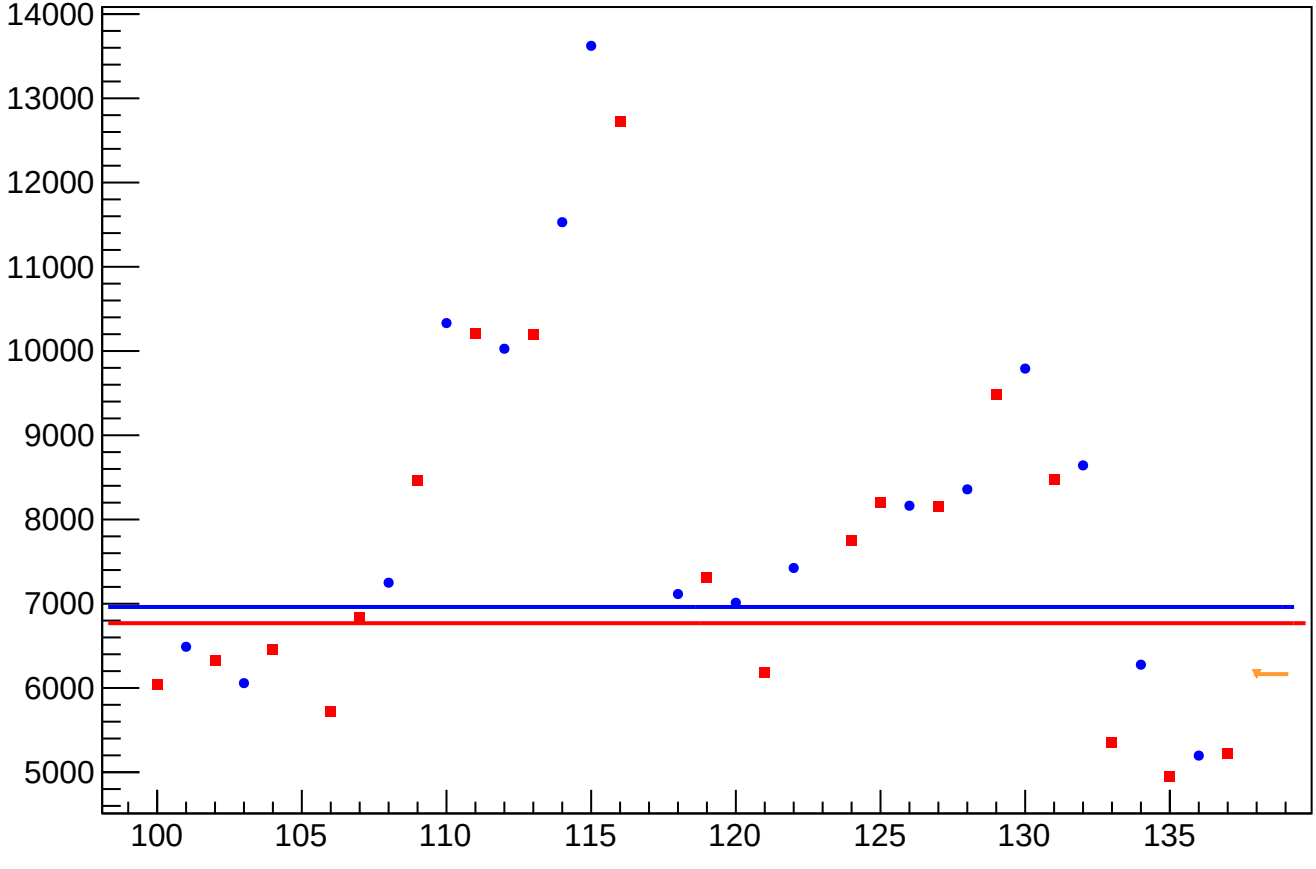
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.497+/-2.482 χ^2/NDF: 13.9/16

All: 1.789+/-1.780 χ^2/NDF: 34.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 6961.606+/-1.878 χ^2/NDF: 696410.4/15

Left Out: 6164.595+/-4.942 χ^2/NDF:0.0/0

Right Out: 6768.993+/-1.805 χ^2/NDF: 798105.0/18

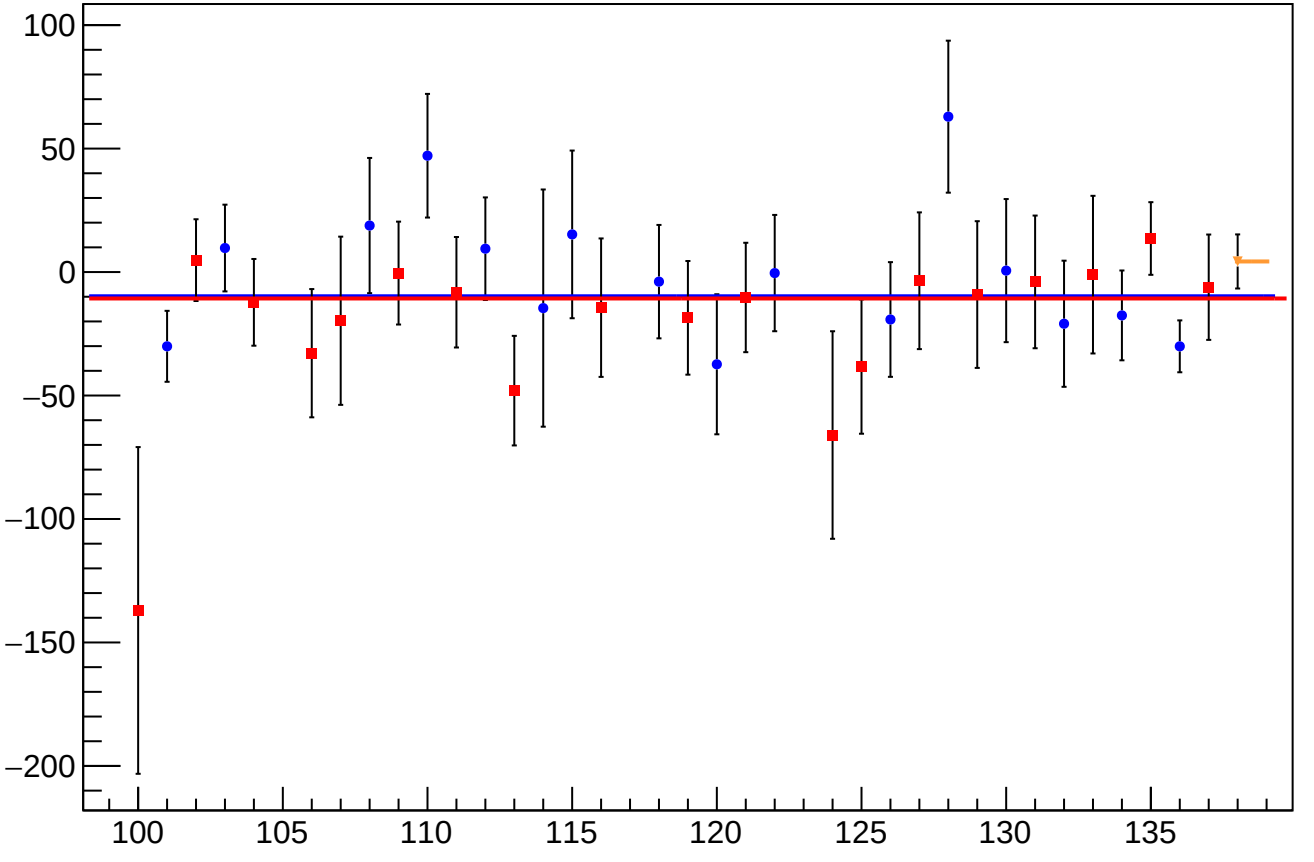
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6861.035+/-1.755 χ^2/NDF: 719141.5/16

All: 6816.304+/-1.259 χ^2/NDF: 1518582.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4acX_mean vs Slug



Right In: -9.810+/-5.178 χ^2/NDF: 22.0/15

Left Out: 4.290+/-10.953 χ^2/NDF:0.0/0

Right Out: -10.703+/-5.381 χ^2/NDF: 14.3/18

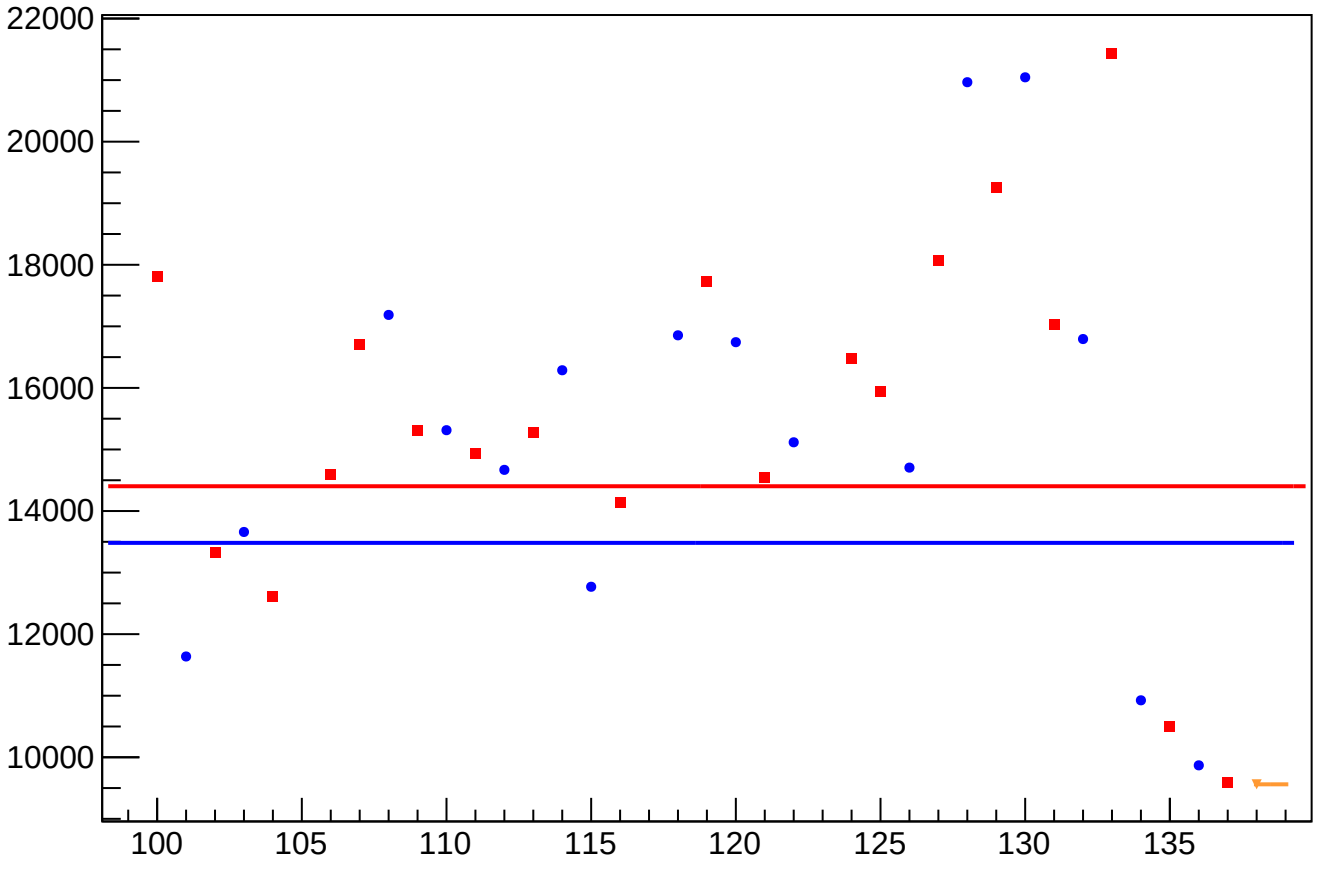
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -7.234+/-4.681 χ^2/NDF: 23.4/16

All: -8.729+/-3.532 χ^2/NDF: 37.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 13482.879+/-3.661 χ^2/NDF: 743704.4/15

Left Out: 9560.651+/-7.745 χ^2/NDF:0.0/0

Right Out: 14402.670+/-3.805 χ^2/NDF: 552430.0/18

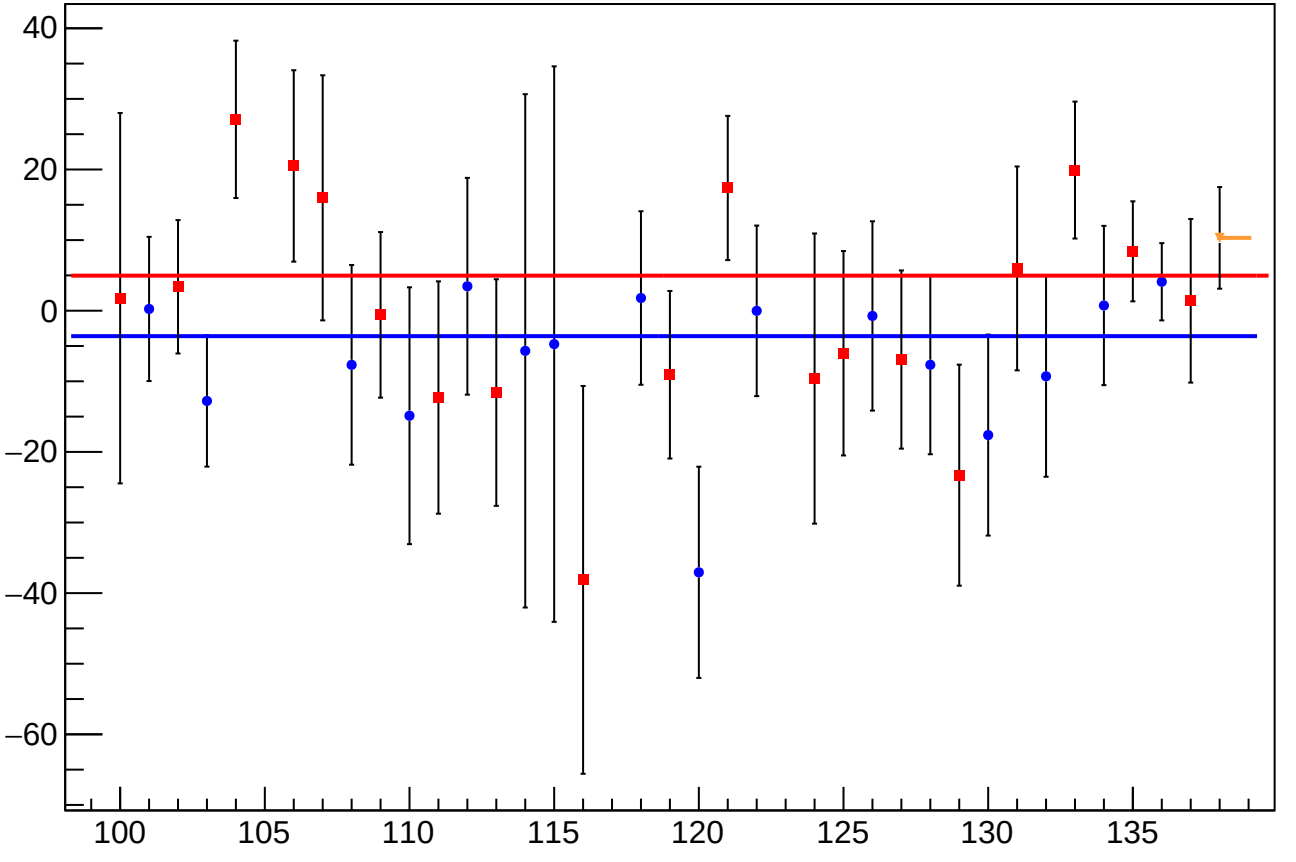
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12766.415+/-3.310 χ^2/NDF: 953319.7/16

All: 13471.372+/-2.497 χ^2/NDF: 1611021.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -3.605+/-2.940 χ^2/NDF: 10.5/15

Left Out: 10.314+/-7.196 χ^2/NDF:0.0/0

Right Out: 4.965+/-2.855 χ^2/NDF: 21.4/18

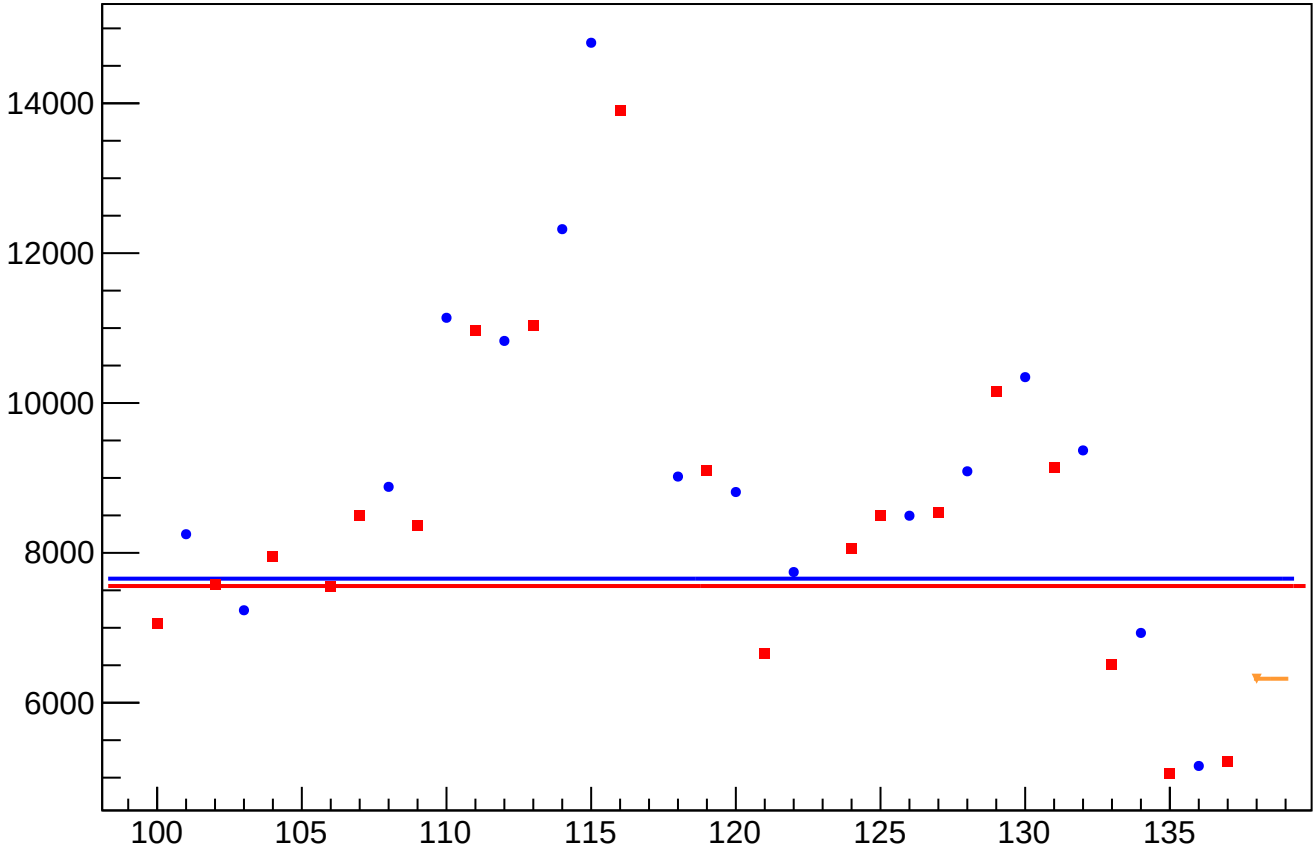
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.614+/-2.722 χ^2/NDF: 13.7/16

All: 1.518+/-1.970 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 7655.851+/-2.079 χ^2/NDF: 879769.7/15

Left Out: 6320.237+/-5.089 χ^2/NDF:0.0/0

Right Out: 7557.497+/-2.019 χ^2/NDF: 809860.3/18

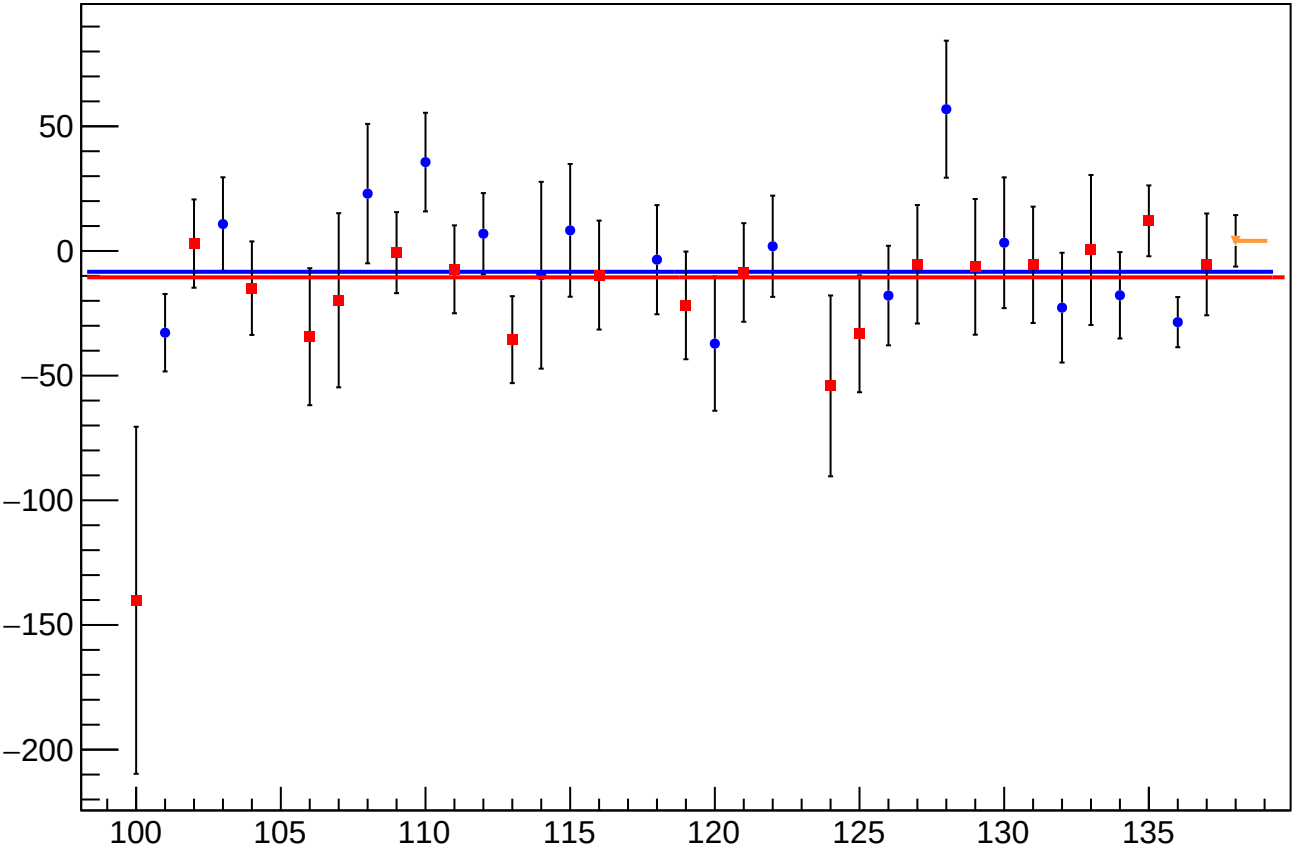
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7464.827+/-1.924 χ^2/NDF: 938806.2/16

All: 7508.940+/-1.393 χ^2/NDF: 1749770.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4ecX_mean vs Slug



Right In: -8.352+/-4.814 χ^2/NDF: 23.2/15

Left Out: 4.066+/-10.325 χ^2/NDF:0.0/0

Right Out: -10.573+/-4.911 χ^2/NDF: 12.9/18

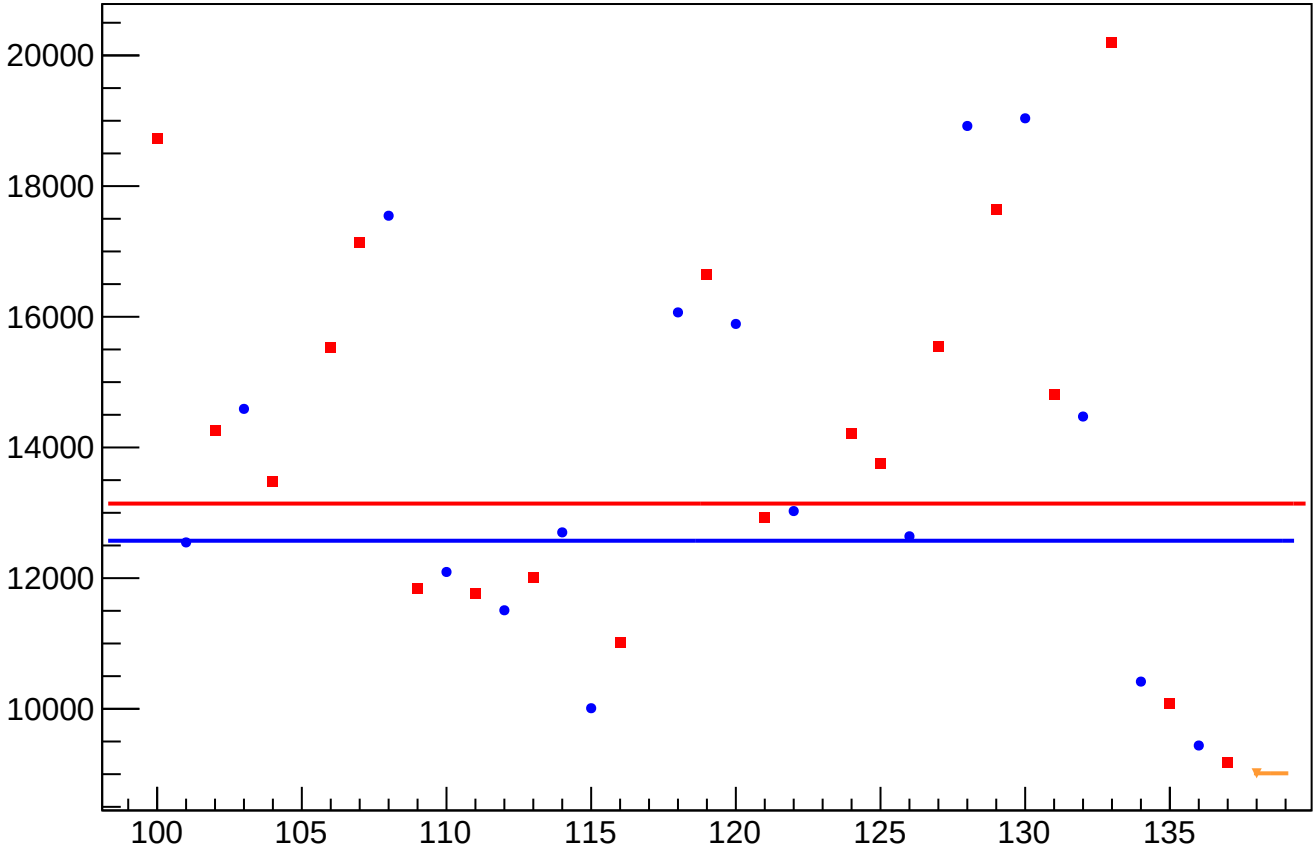
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -6.134+/-4.363 χ^2/NDF: 24.4/16

All: -8.093+/-3.262 χ^2/NDF: 37.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 12572.586+/-3.404 χ^2/NDF: 665026.8/15

Left Out: 9013.069+/-7.301 χ^2/NDF:0.0/0

Right Out: 13141.218+/-3.473 χ^2/NDF: 534726.5/18

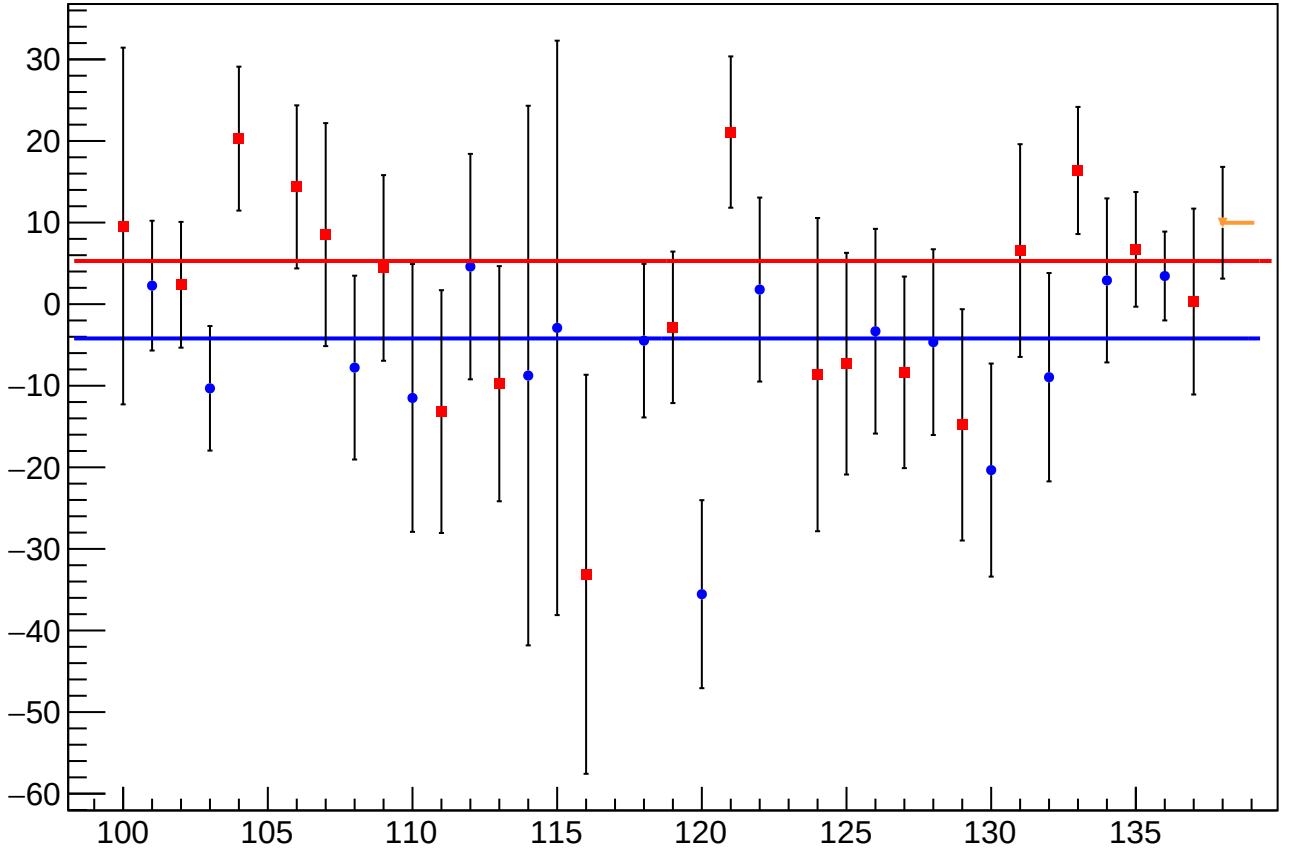
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11937.004+/-3.085 χ^2/NDF: 860292.6/16

All: 12468.197+/-2.306 χ^2/NDF: 1462230.5/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -4.204+/-2.600 χ^2/NDF: 13.9/15

Left Out: 9.976+/-6.848 χ^2/NDF:0.0/0

Right Out: 5.288+/-2.502 χ^2/NDF: 19.7/18

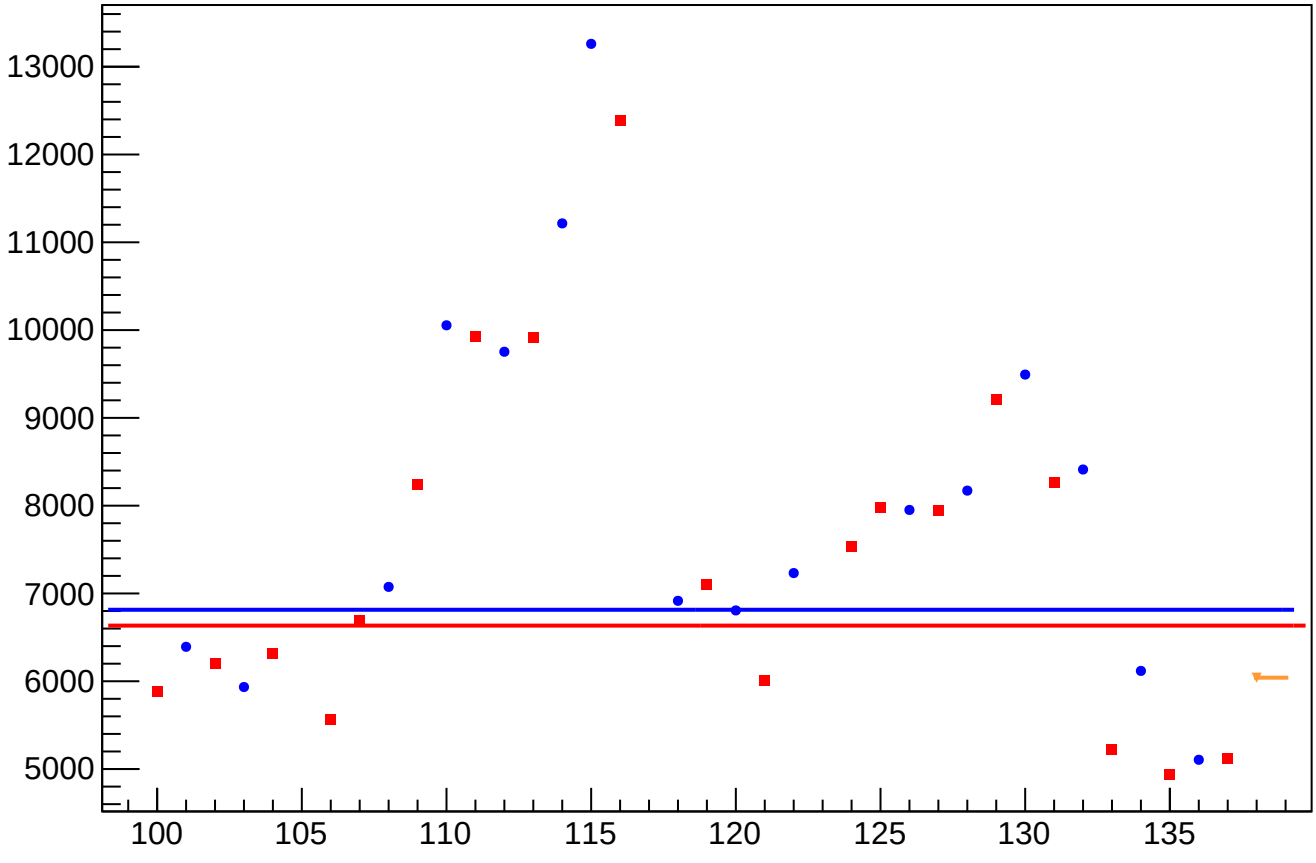
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.417+/-2.431 χ^2/NDF: 17.6/16

All: 1.324+/-1.744 χ^2/NDF: 42.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 6814.282+/-1.839 χ^2/NDF: 674093.4/15

Left Out: 6040.691+/-4.842 χ^2/NDF:0.0/0

Right Out: 6633.695+/-1.769 χ^2/NDF: 763347.6/18

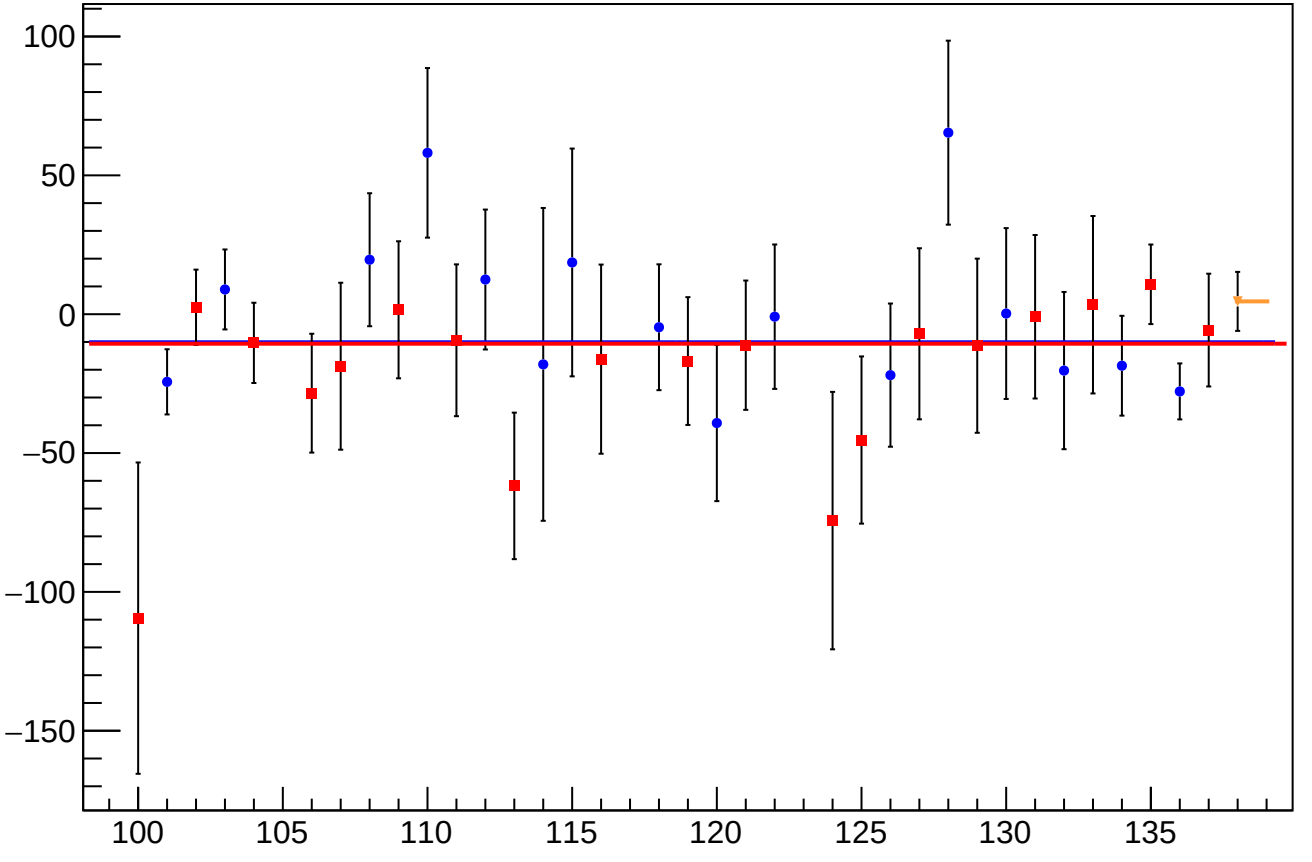
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6716.796+/-1.719 χ^2/NDF: 696399.3/16

All: 6676.441+/-1.233 χ^2/NDF: 1460881.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1X_mean vs Slug



Right In: -10.113+/-5.017 χ^2/NDF: 21.3/15

Left Out: 4.617+/-10.622 χ^2/NDF:0.0/0

Right Out: -10.624+/-5.277 χ^2/NDF: 14.7/18

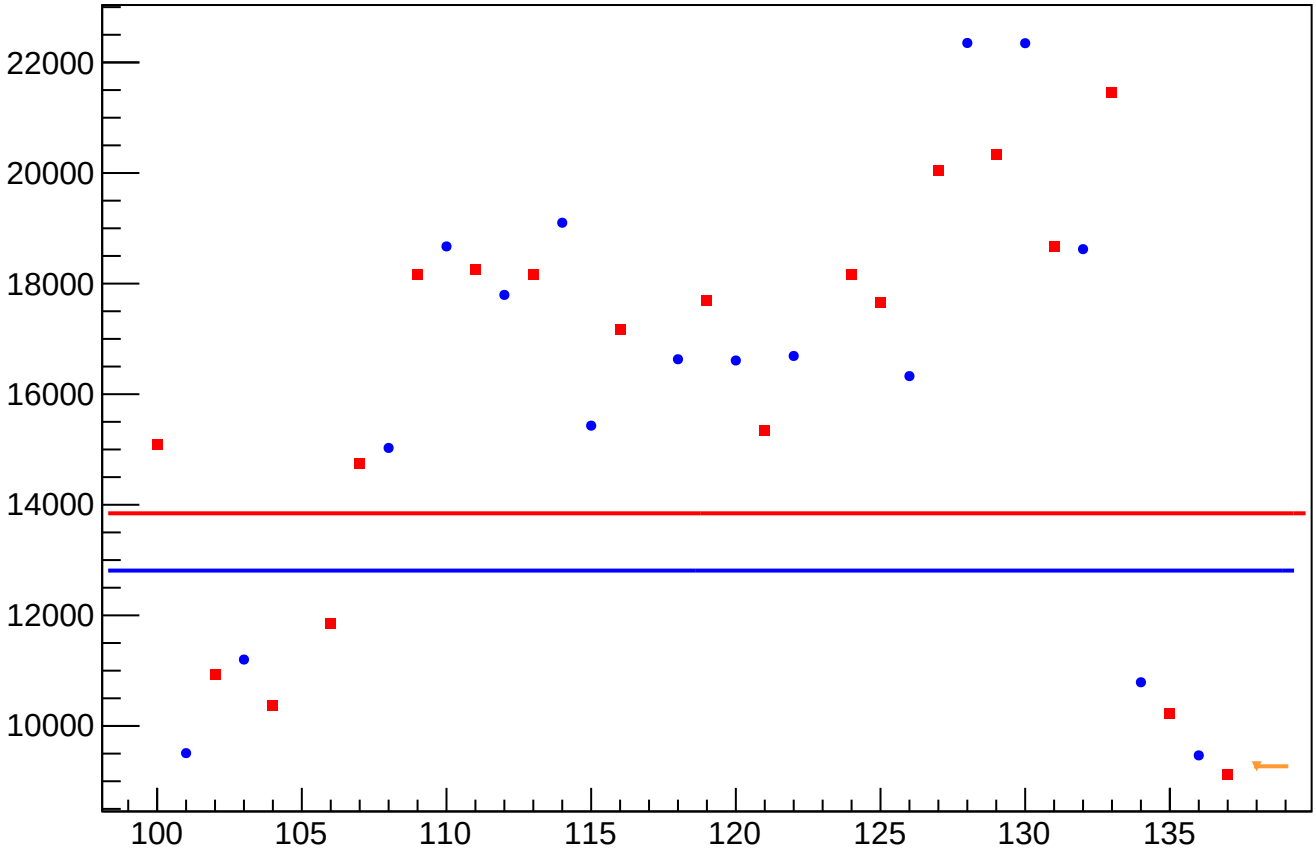
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.426+/-4.537 χ^2/NDF: 22.8/16

All: -8.785+/-3.440 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1X_rms vs Slug



Right In: 12809.964+/-3.548 χ^2/NDF: 1248252.1/15

Left Out: 9270.427+/-7.511 χ^2/NDF:0.0/0

Right Out: 13845.622+/-3.731 χ^2/NDF: 1096555.2/18

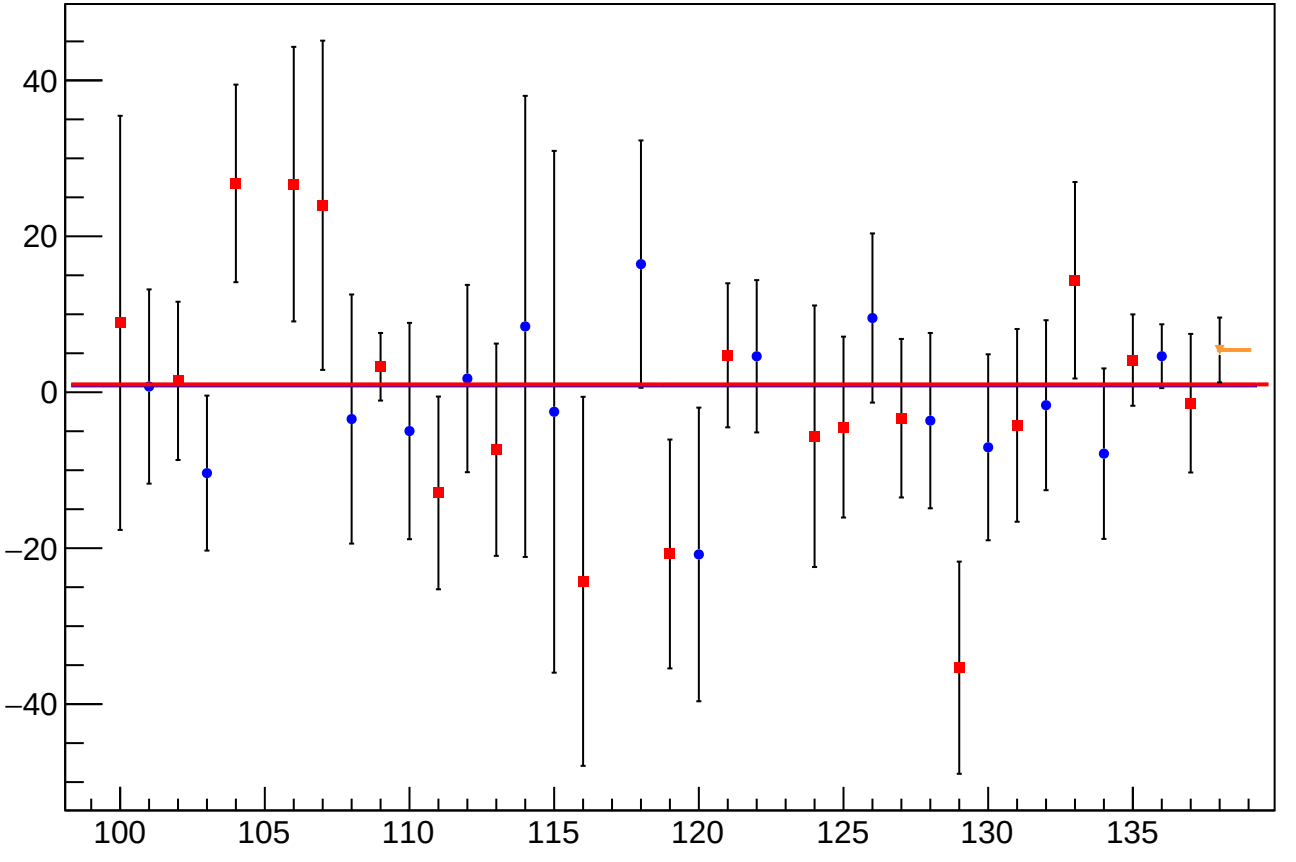
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12164.291+/-3.208 χ^2/NDF: 1429829.4/16

All: 12878.873+/-2.432 χ^2/NDF: 2643139.6/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1Y_mean vs Slug



Right In: 0.882+/-2.566 χ^2/NDF: 6.8/15

Left Out: 5.424+/-4.155 χ^2/NDF:0.0/0

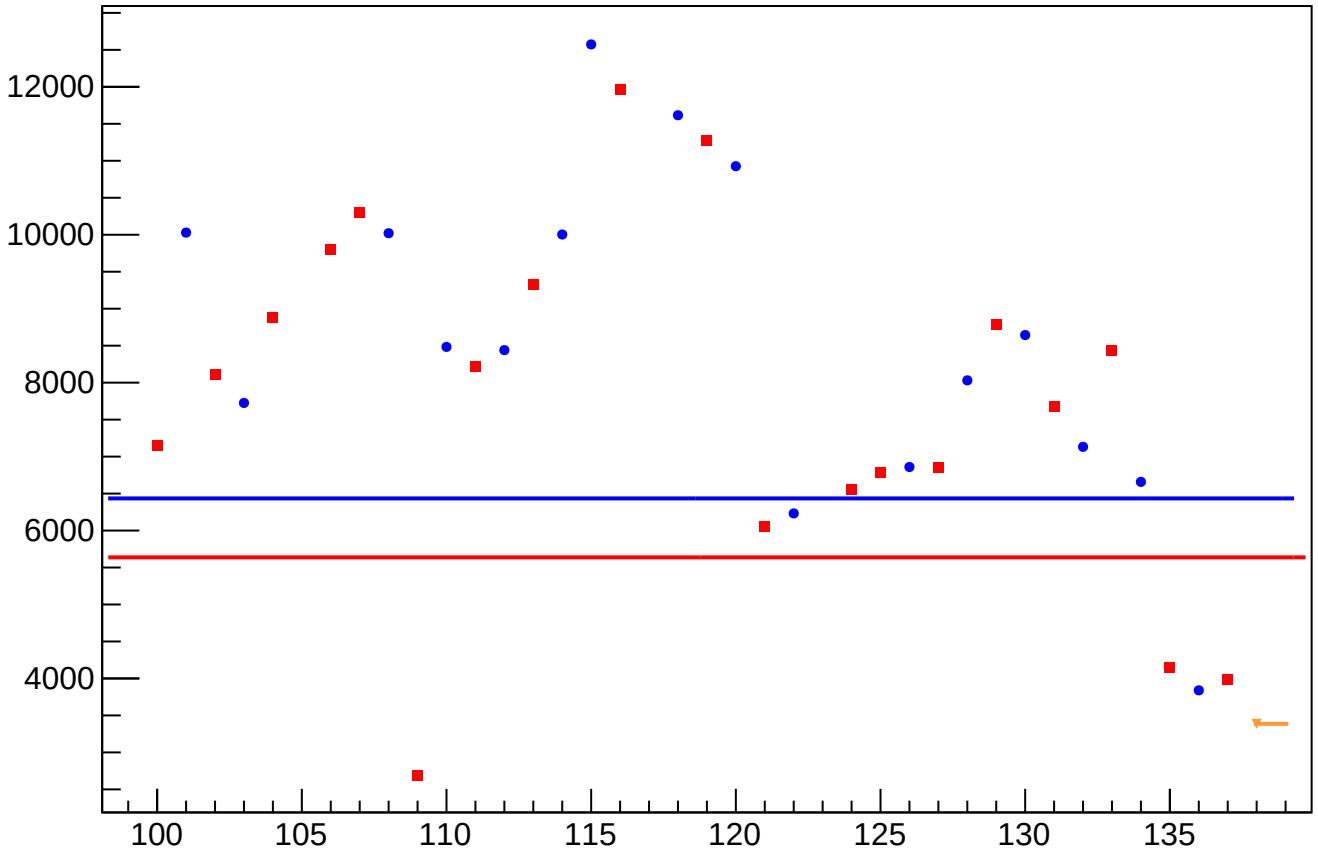
Right Out: 1.006+/-2.314 χ^2/NDF: 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.136+/-2.183 χ^2/NDF: 7.7/16

All: 1.604+/-1.588 χ^2/NDF: 30.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6434.559+/-1.814 χ^2/NDF: 1750609.4/15

Left Out: 3386.118+/-2.938 χ^2/NDF:0.0/0

Right Out: 5637.344+/-1.636 χ^2/NDF: 2580013.6/18

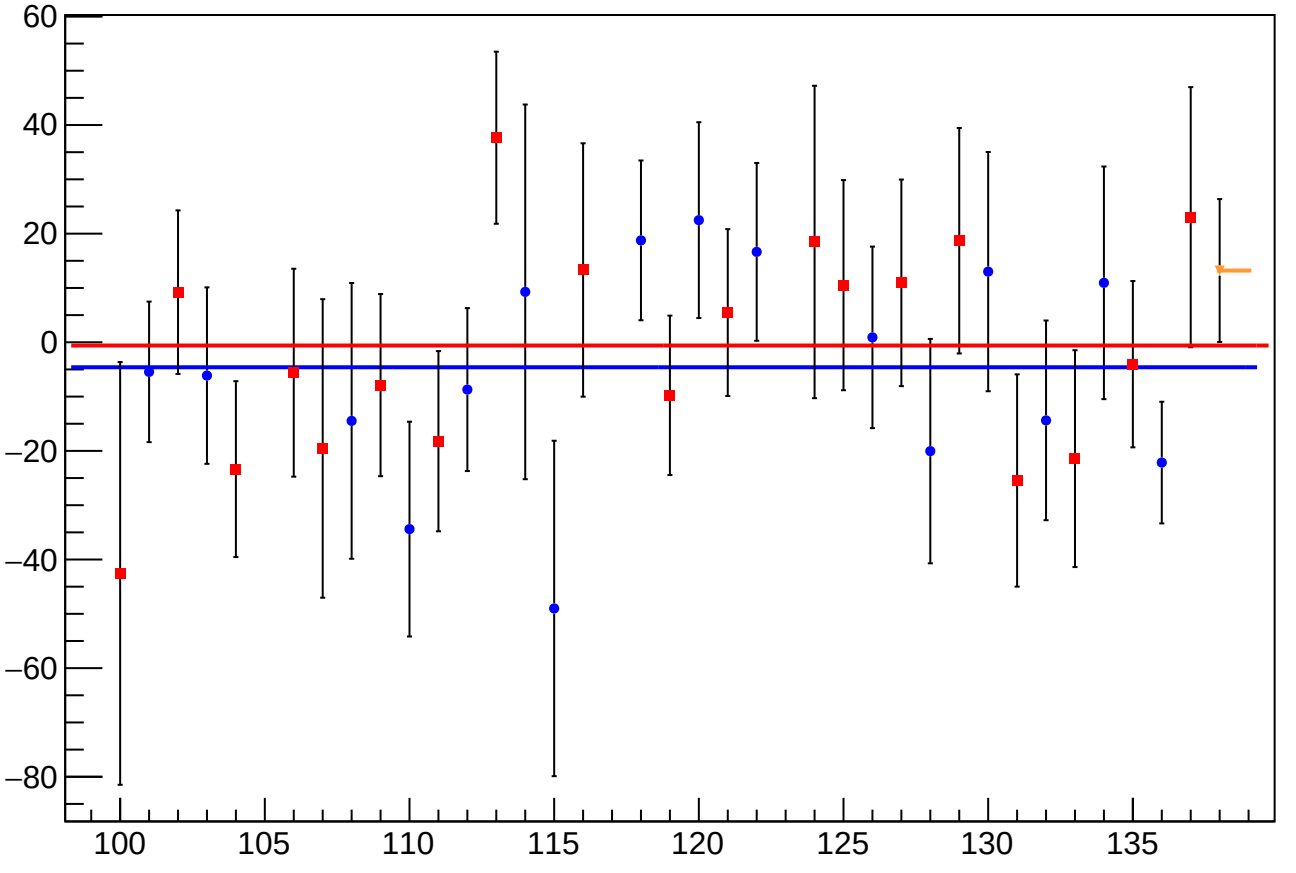
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5592.805+/-1.544 χ^2/NDF: 2530000.4/16

All: 5613.781+/-1.123 χ^2/NDF: 5110406.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm11X_mean vs Slug



Right In: -4.602+/-4.355 χ^2/NDF: 15.8/15

Left Out: 13.207+/-13.159 χ^2/NDF:0.0/0

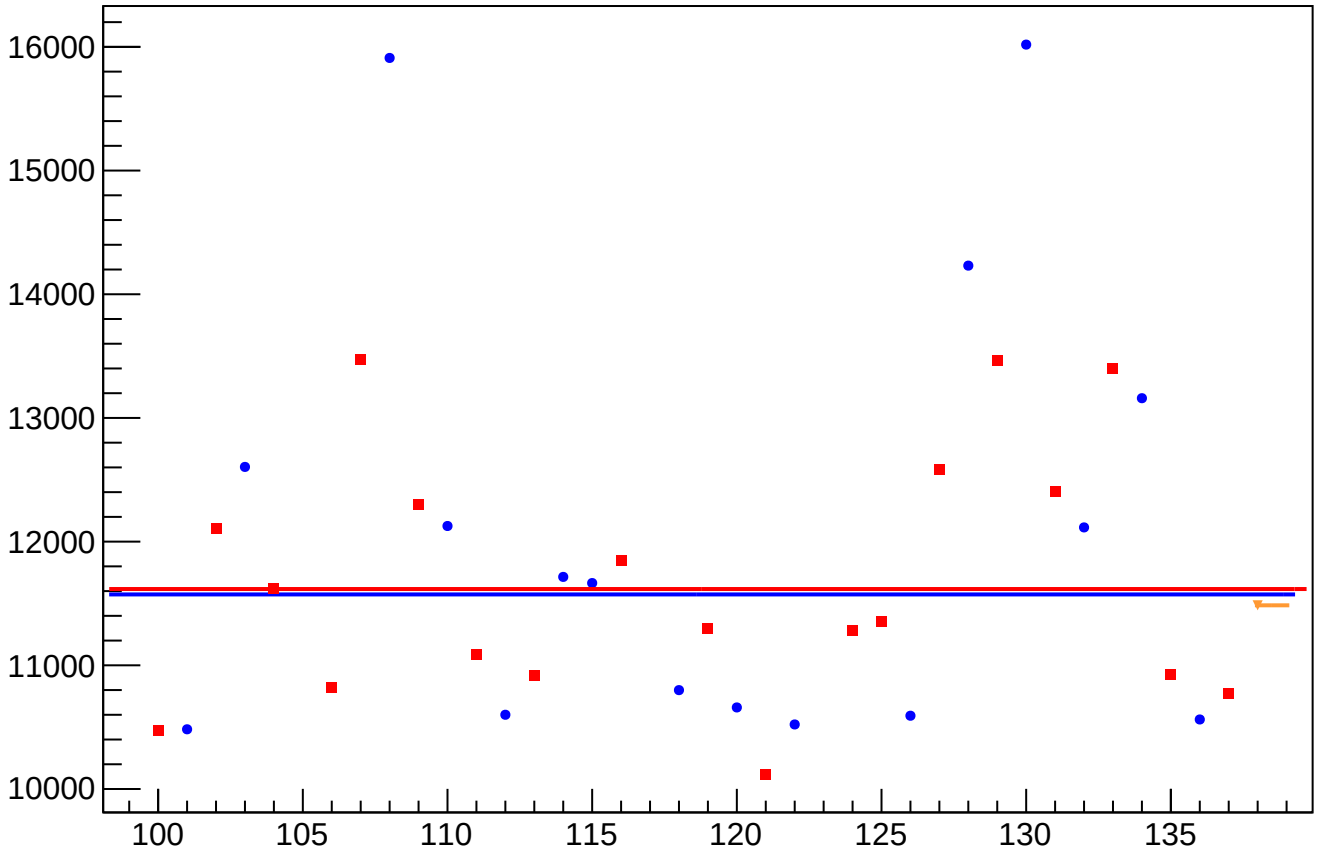
Right Out: -0.600+/-4.266 χ^2/NDF: 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.844+/-4.134 χ^2/NDF: 17.4/16

All: -1.757+/-2.969 χ^2/NDF: 35.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 11573.073+/-3.079 χ^2/NDF: 260067.0/15

Left Out: 11485.056+/-9.305 χ^2/NDF:0.0/0

Right Out: 11616.773+/-3.017 χ^2/NDF: 93165.6/18

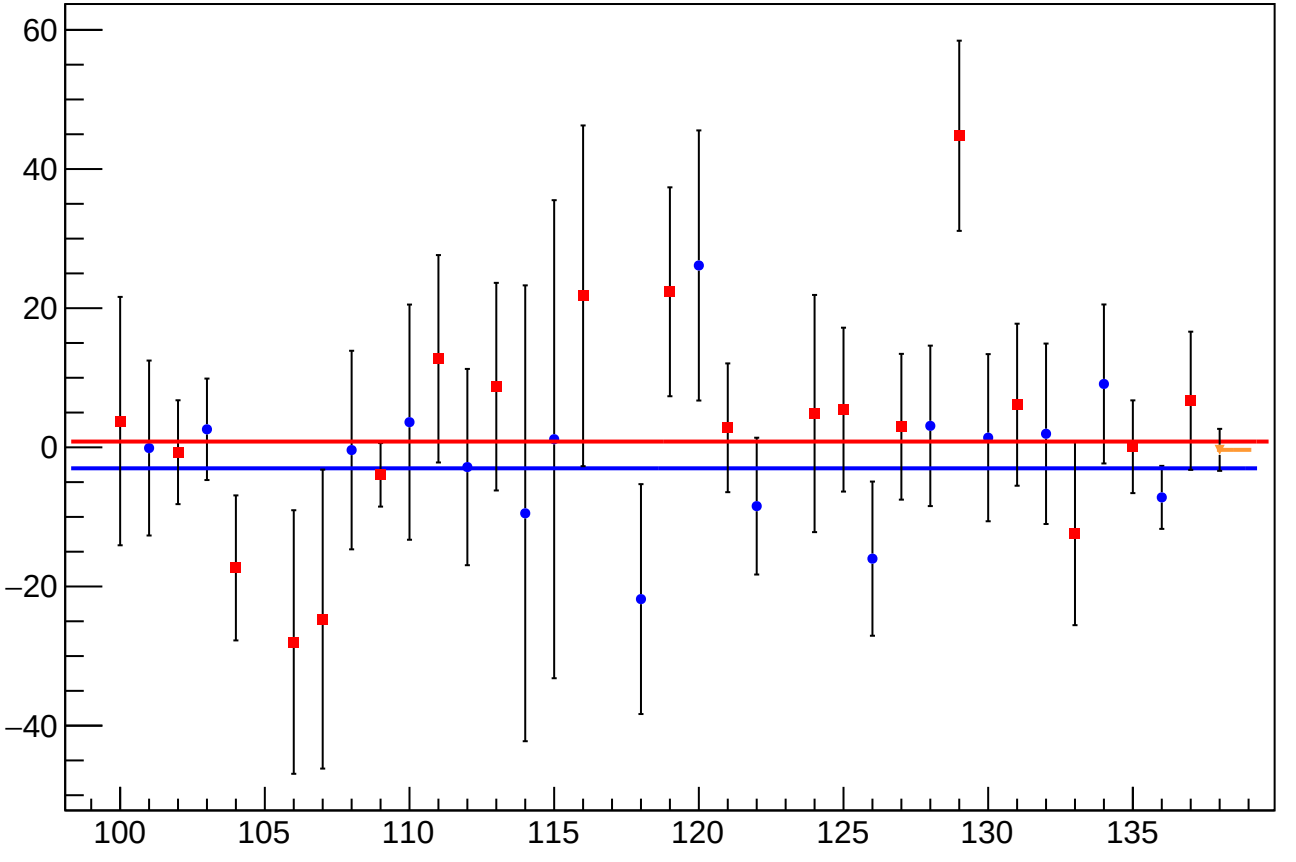
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11564.385+/-2.923 χ^2/NDF: 260147.6/16

All: 11589.754+/-2.099 χ^2/NDF: 353468.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -3.014+/-2.654 χ^2/NDF: 8.7/15

Left Out: -0.362+/-3.017 χ^2/NDF:0.0/0

Right Out: 0.831+/-2.352 χ^2/NDF: 23.8/18

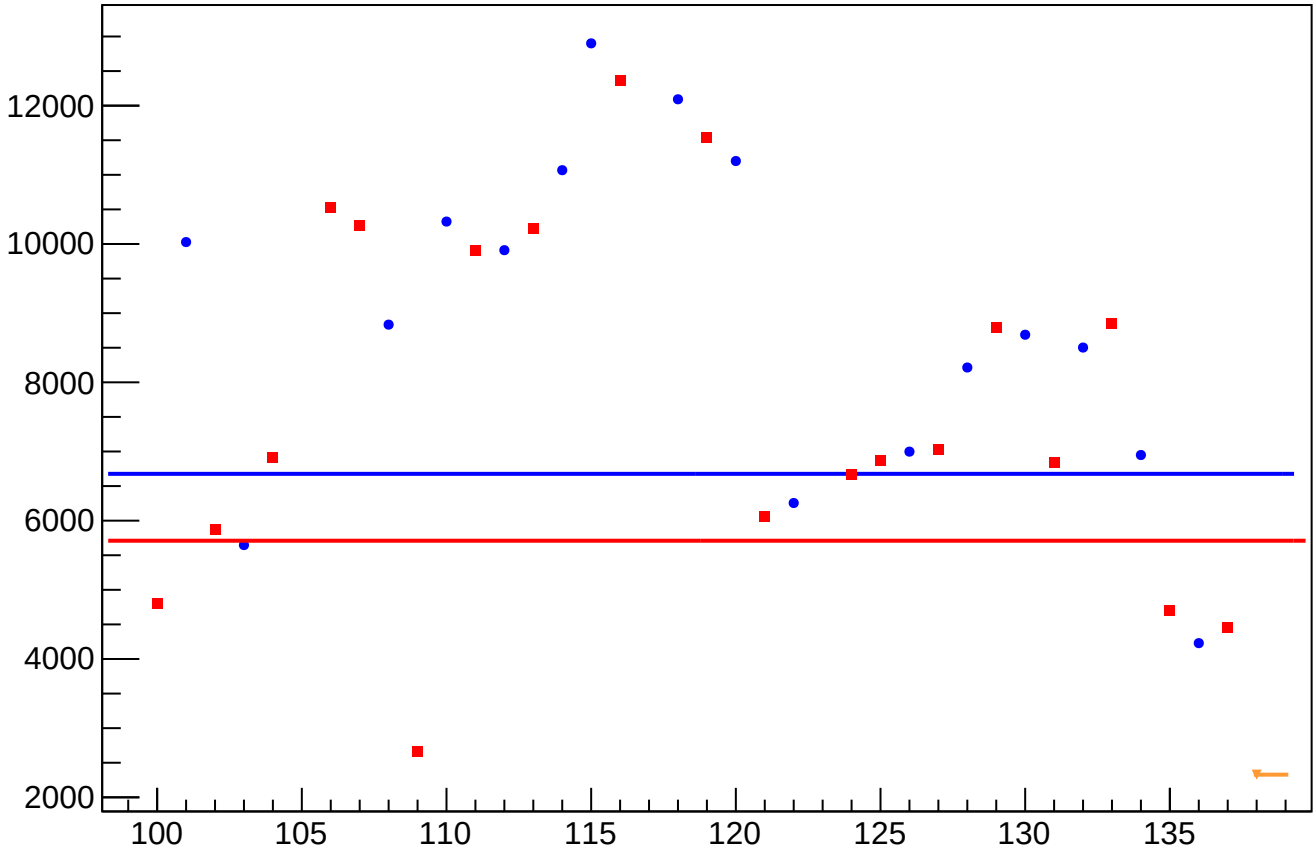
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.857+/-1.993 χ^2/NDF: 9.1/16

All: -0.734+/-1.520 χ^2/NDF: 33.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 6676.920+/-1.877 χ^2/NDF: 1572864.3/15

Left Out: 2327.823+/-2.134 χ^2/NDF:0.0/0

Right Out: 5709.821+/-1.663 χ^2/NDF: 2301039.5/18

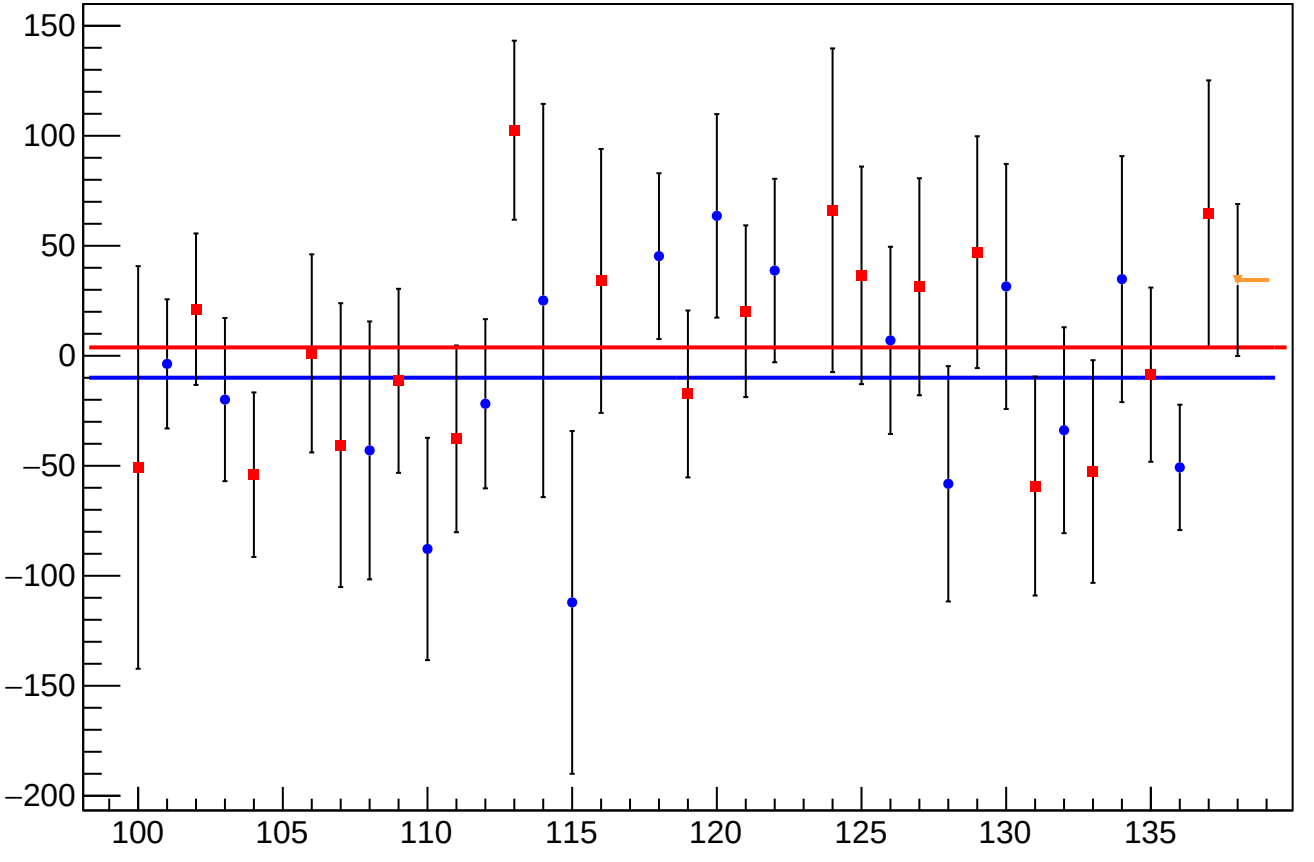
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4779.947+/-1.409 χ^2/NDF: 3915470.7/16

All: 5168.608+/-1.075 χ^2/NDF: 6398518.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm12X_mean vs Slug



Right In: -9.969+/-10.836 χ^2/NDF: 15.3/15

Left Out: 34.443+/-34.547 χ^2/NDF:0.0/0

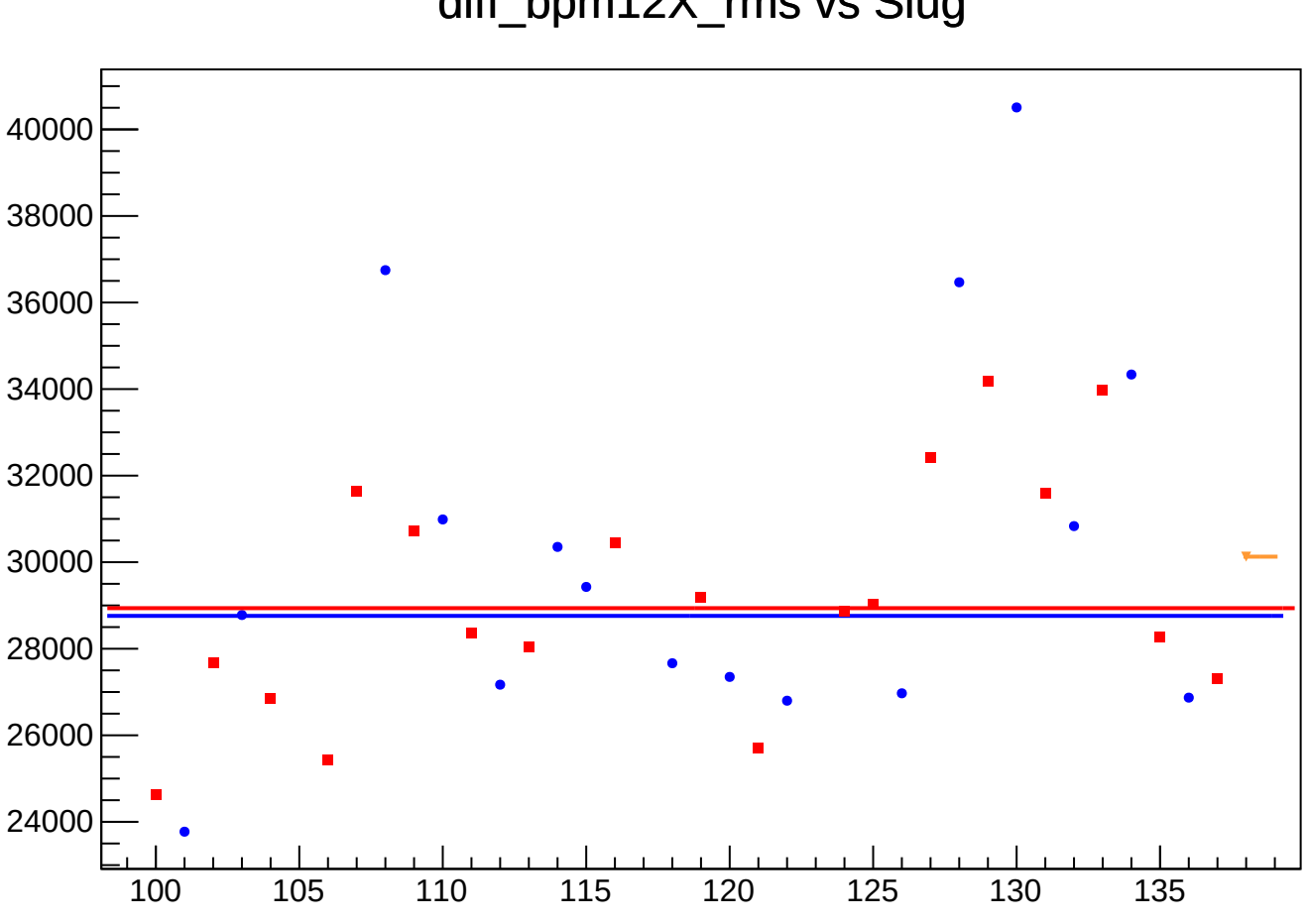
Right Out: 3.814+/-10.636 χ^2/NDF: 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.991+/-10.340 χ^2/NDF: 16.8/16

All: -1.227+/-7.414 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 28759.090+/-7.662 χ^2/NDF: 277639.9/15

Left Out: 30127.865+/-24.429 χ^2/NDF:0.0/0

Right Out: 28937.633+/-7.521 χ^2/NDF: 106266.0/18

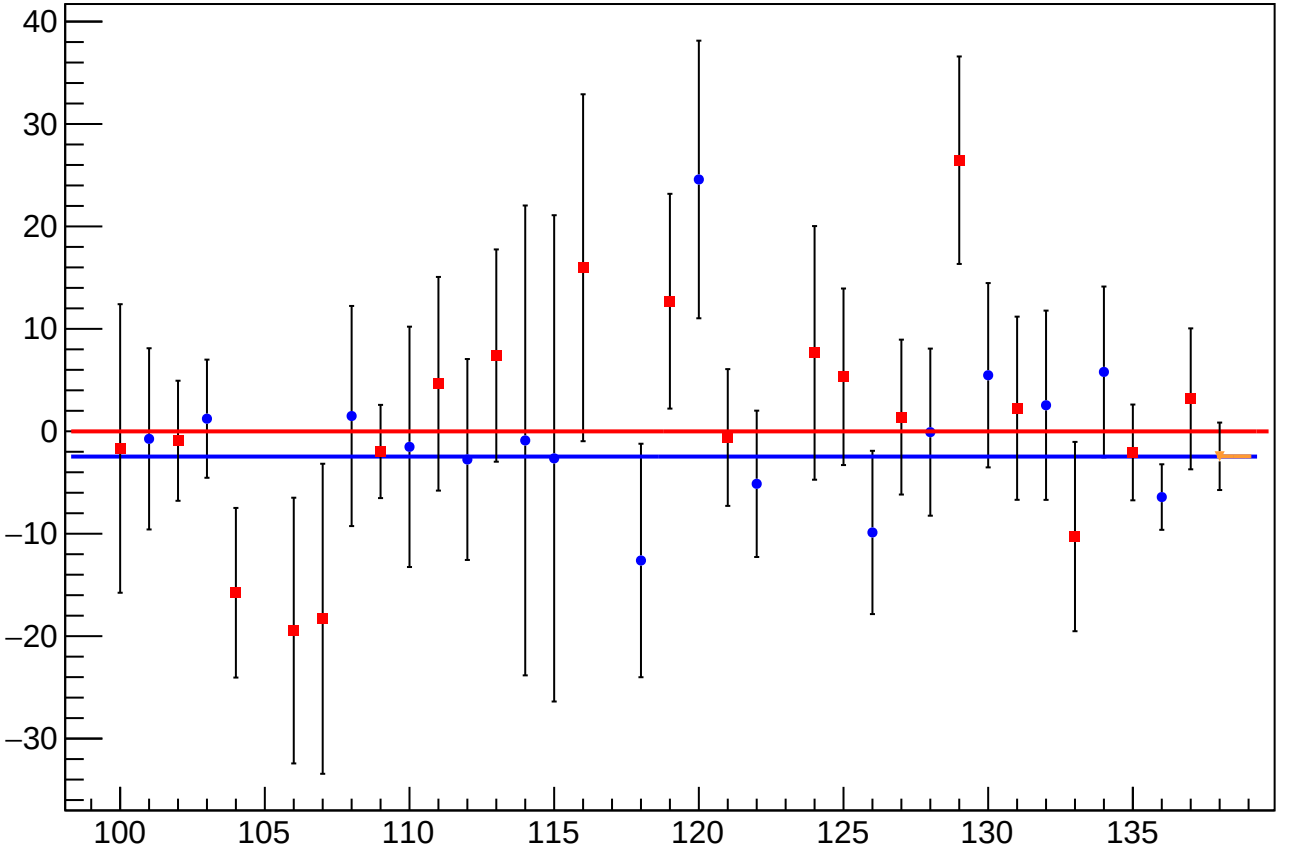
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 28881.696+/-7.311 χ^2/NDF: 280498.2/16

All: 28908.873+/-5.242 χ^2/NDF: 386792.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm12Y_mean vs Slug



Right In: -2.467+/-1.916 χ^2/NDF: 10.0/15

Left Out: -2.442+/-3.293 χ^2/NDF:0.0/0

Right Out: -0.009+/-1.828 χ^2/NDF: 20.0/18

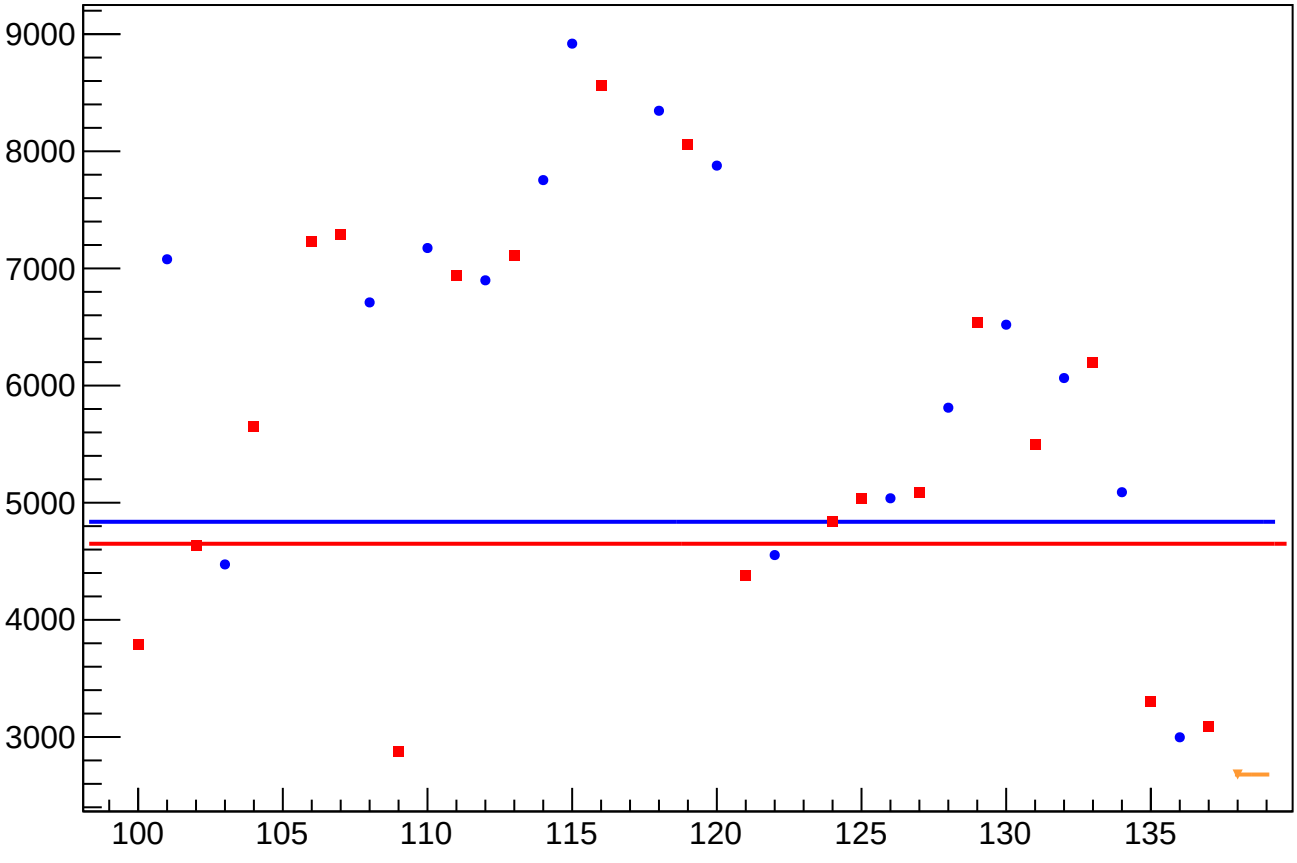
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.461+/-1.656 χ^2/NDF: 10.0/16

All: -1.356+/-1.227 χ^2/NDF: 31.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm12Y_rms vs Slug



Right In: 4837.176+/-1.355 χ^2/NDF: 1547766.9/15

Left Out: 2679.687+/-2.328 χ^2/NDF:0.0/0

Right Out: 4649.613+/-1.293 χ^2/NDF: 1434548.7/18

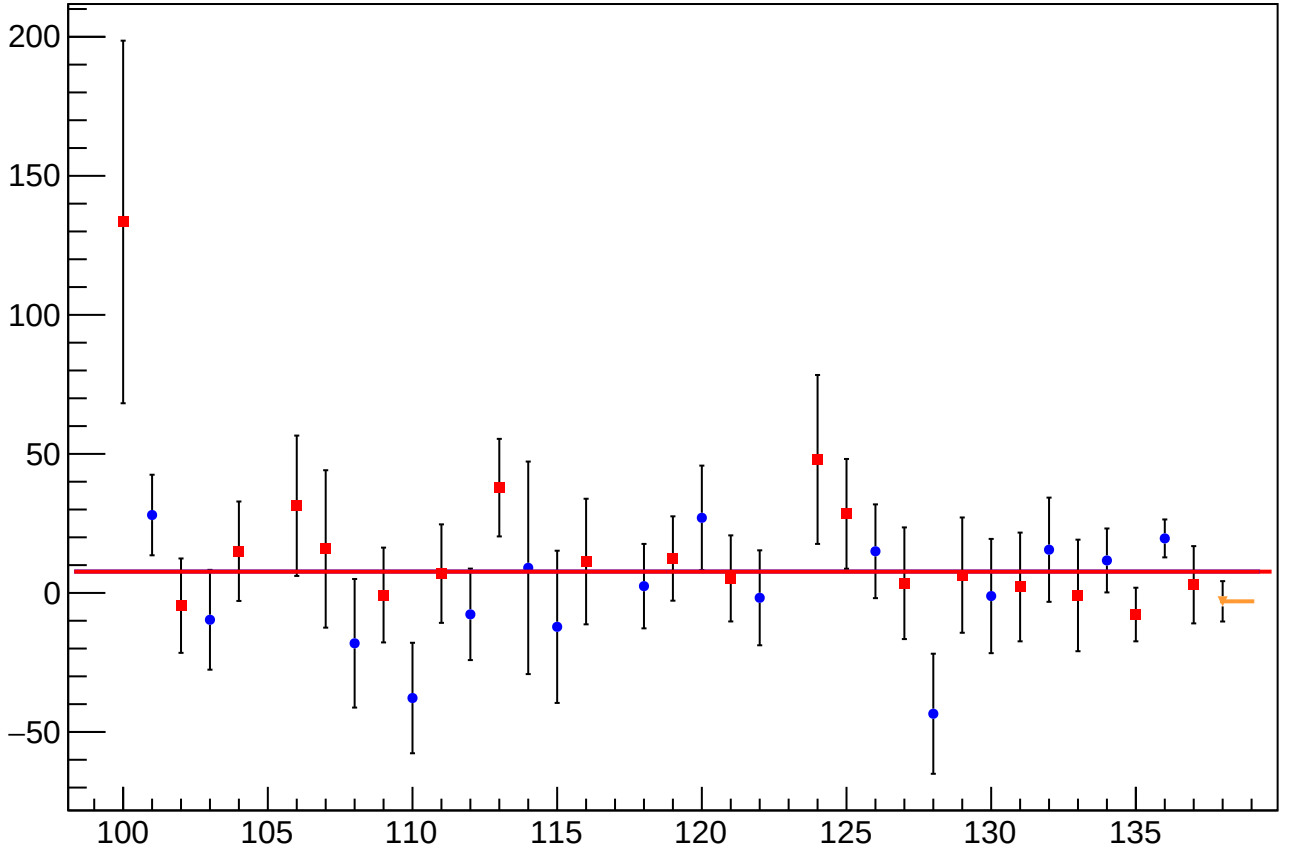
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4291.559+/-1.171 χ^2/NDF: 2189330.6/16

All: 4452.916+/-0.868 χ^2/NDF: 3666025.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm16X_mean vs Slug



Right In: 7.699+/-3.820 χ^2/NDF: 21.6/15

Left Out: -3.019+/-7.257 χ^2/NDF:0.0/0

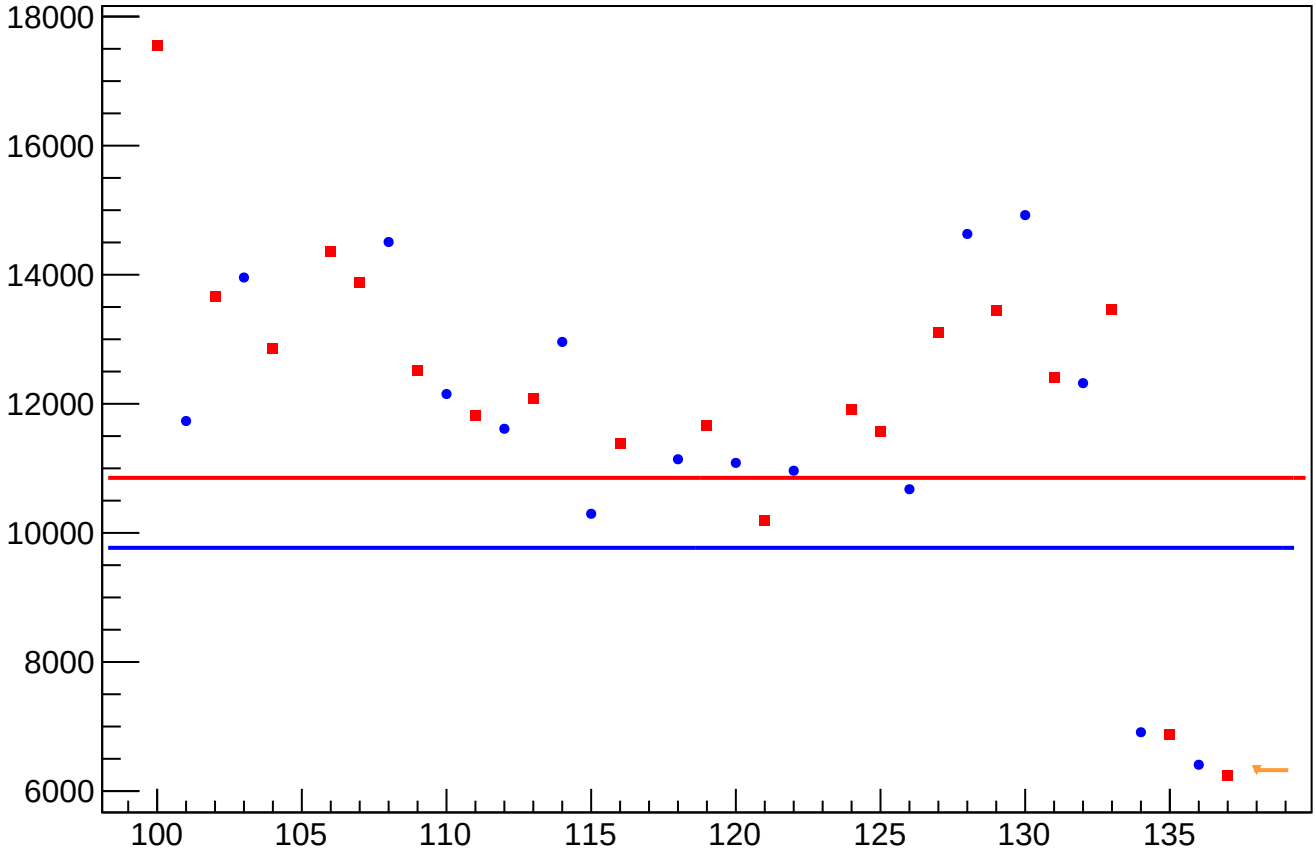
Right Out: 7.650+/-4.099 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.374+/-3.380 χ^2/NDF: 23.3/16

All: 6.295+/-2.608 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 9768.772+/-2.701 χ^2/NDF: 1213694.6/15

Left Out: 6324.258+/-5.131 χ^2/NDF:0.0/0

Right Out: 10852.989+/-2.899 χ^2/NDF: 874500.2/18

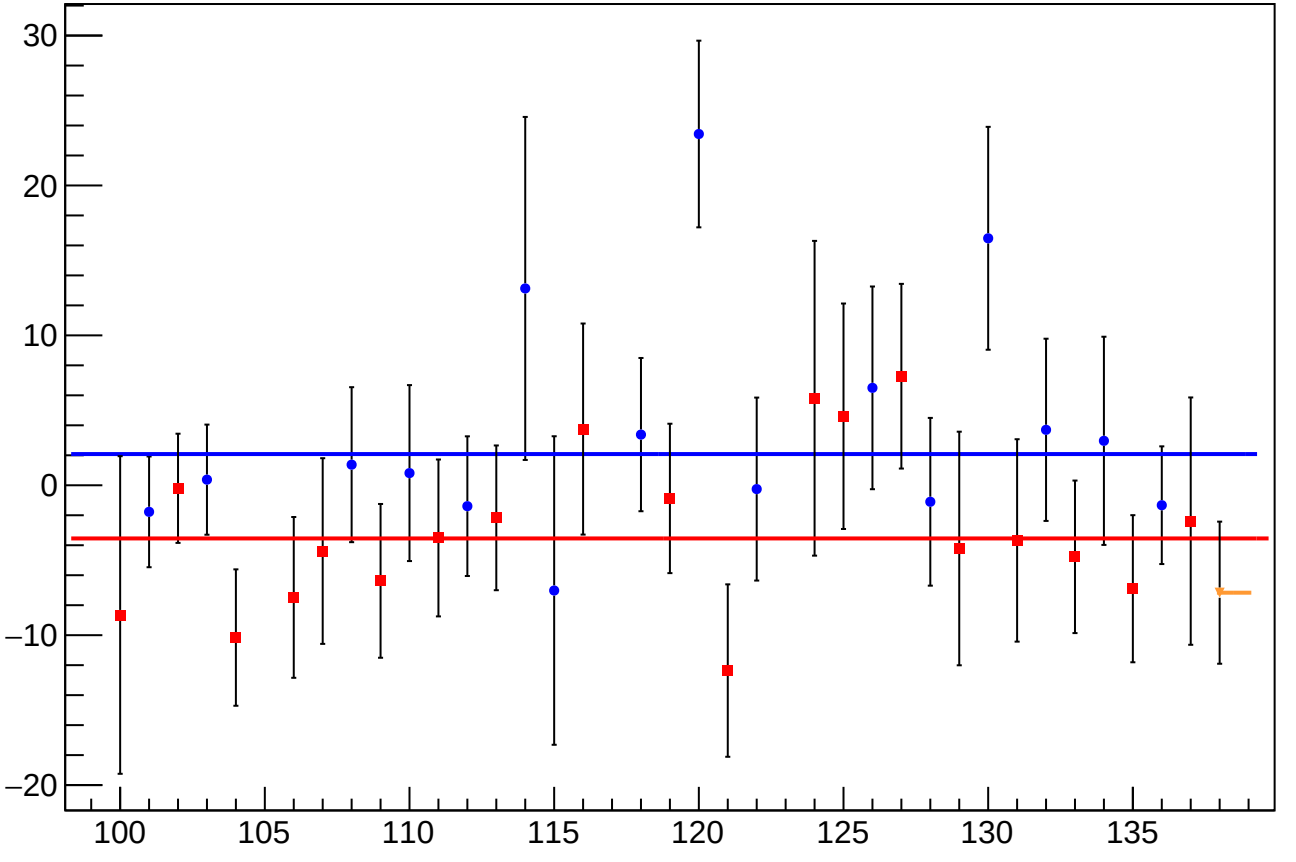
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9021.477+/-2.390 χ^2/NDF: 1566532.5/16

All: 9762.754+/-1.844 χ^2/NDF: 2678693.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 2.082+/-1.345 χ^2/NDF: 21.0/15

Left Out: -7.165+/-4.740 χ^2/NDF:0.0/0

Right Out: -3.546+/-1.304 χ^2/NDF: 13.4/18

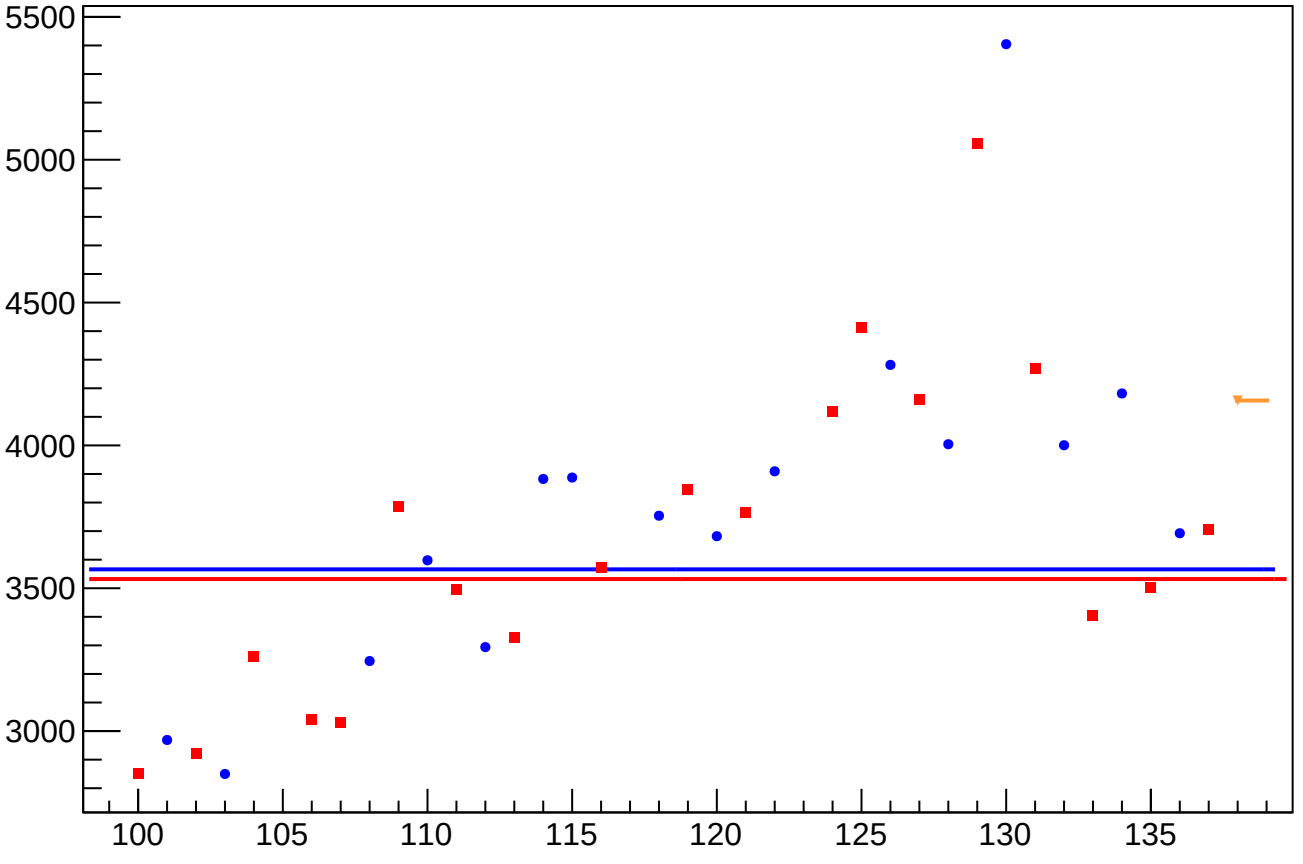
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1.393+/-1.294 χ^2/NDF: 24.5/16

All: -1.058+/-0.919 χ^2/NDF: 45.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 3566.150+/-0.951 χ^2/NDF: 341105.5/15

Left Out: 4157.143+/-3.352 χ^2/NDF:0.0/0

Right Out: 3532.189+/-0.922 χ^2/NDF: 278693.0/18

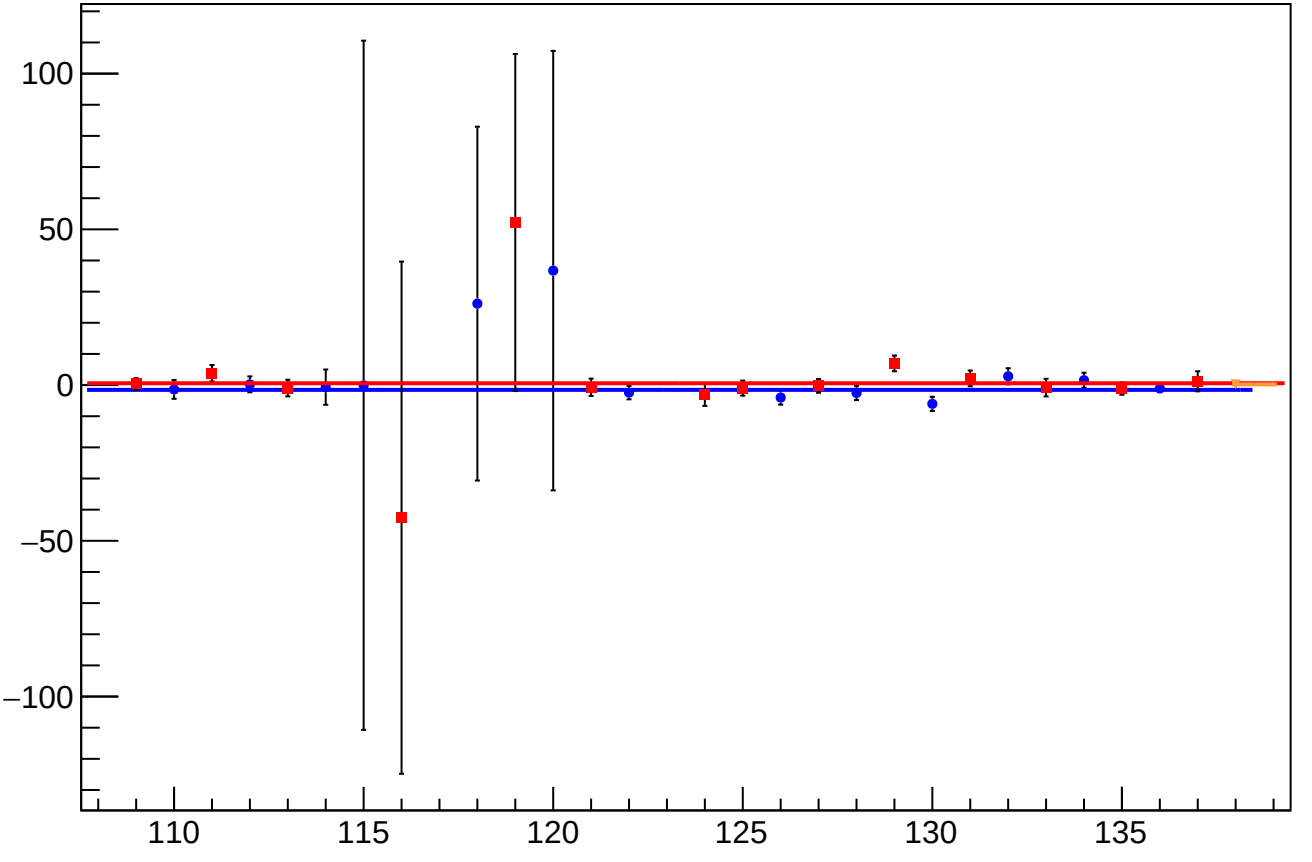
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3610.212+/-0.915 χ^2/NDF: 369881.2/16

All: 3571.500+/-0.650 χ^2/NDF: 652180.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p02bX_mean vs Slug



Right In: -1.536+/-0.733 χ^2/NDF: 11.1/12

Left Out: 0.216+/-1.499 χ^2/NDF:0.0/0

Right Out: 0.588+/-0.717 χ^2/NDF: 12.7/13

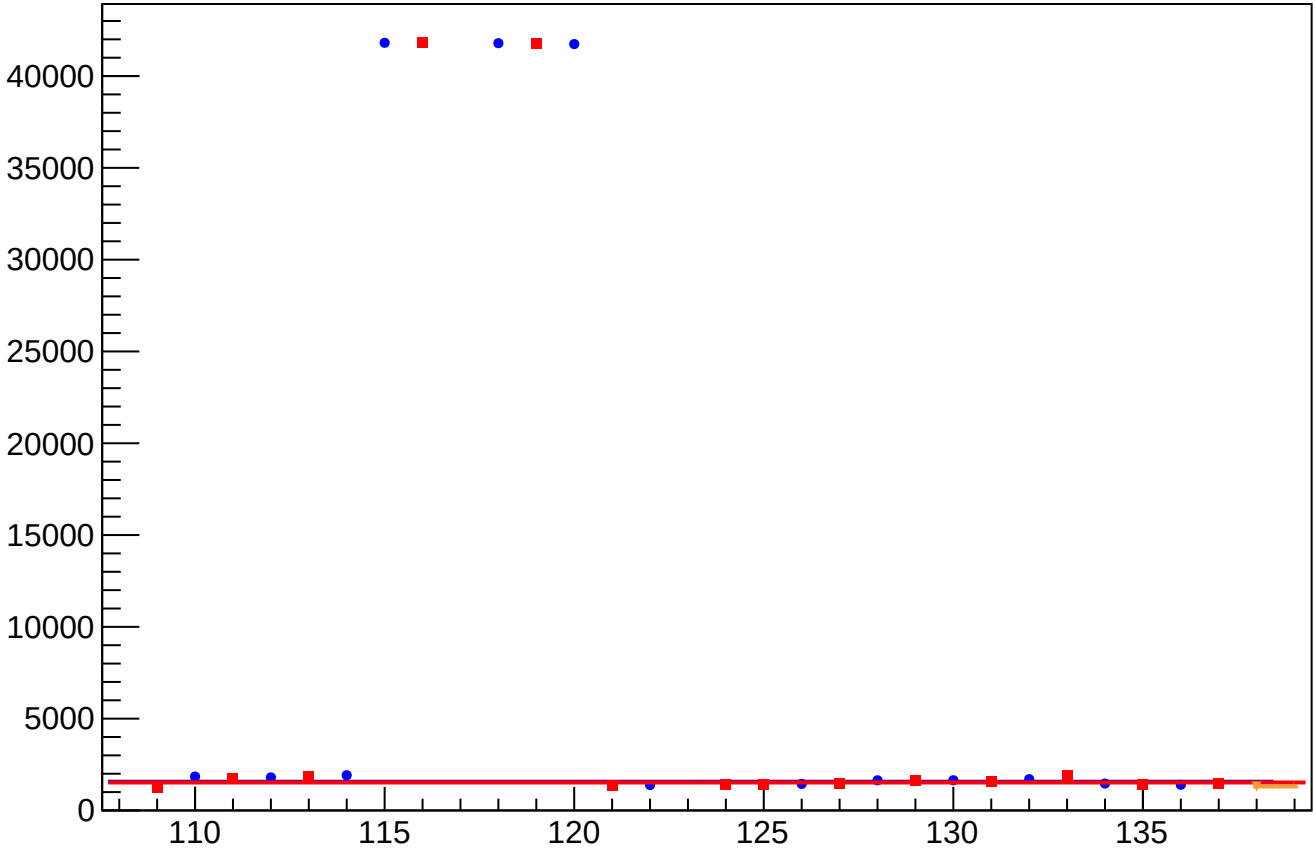
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.198+/-0.658 χ^2/NDF: 12.2/13

All: -0.381+/-0.485 χ^2/NDF: 28.2/27

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1564.307+/-0.518 χ^2/NDF: 2016990.6/12

Left Out: 1304.446+/-1.060 χ^2/NDF:0.0/0

Right Out: 1523.678+/-0.507 χ^2/NDF: 1739658.0/13

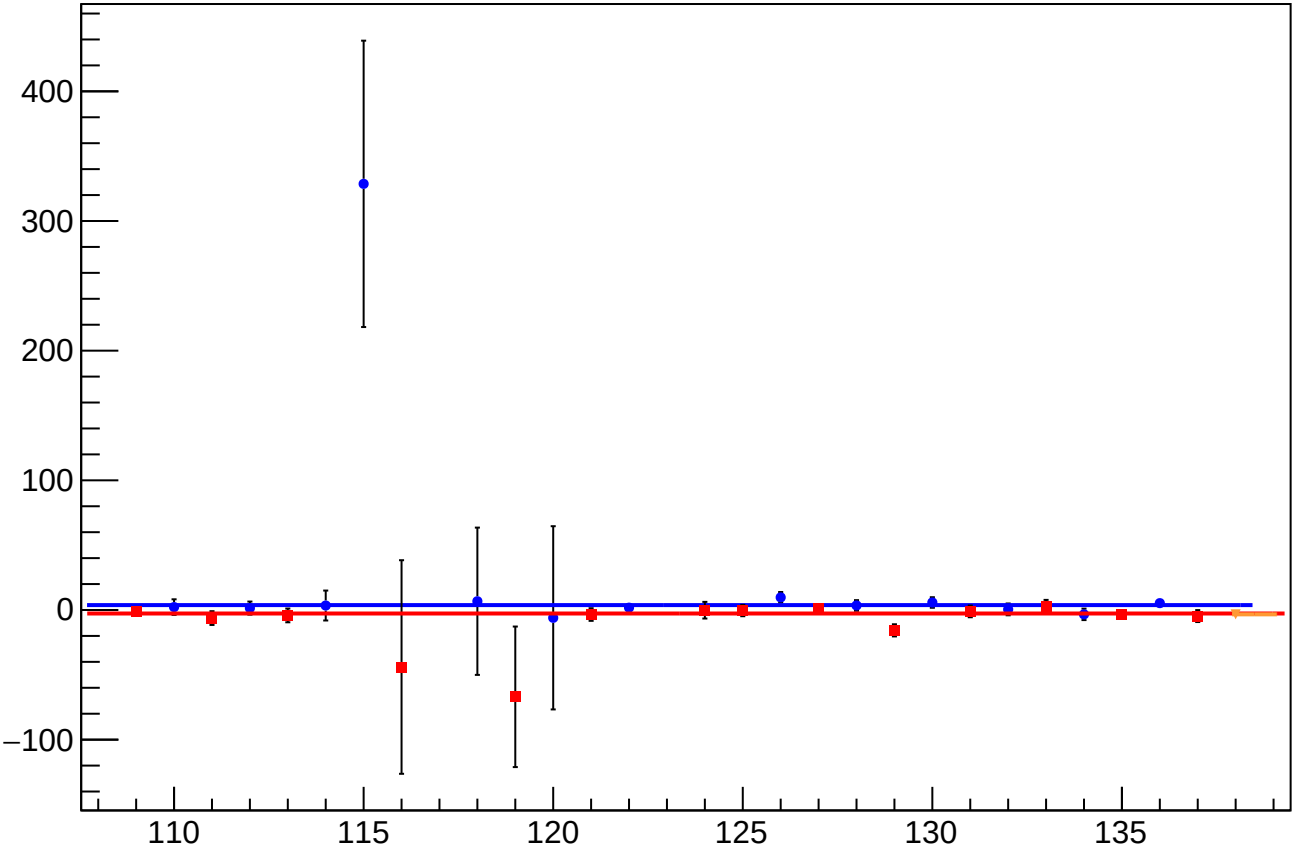
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1514.175+/-0.465 χ^2/NDF: 2065521.3/13

All: 1518.521+/-0.343 χ^2/NDF: 3805369.9/27

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p02bY_mean vs Slug



Right In: 3.777+/-1.248 χ^2/NDF: 15.2/12

Left Out: -3.367+/-2.096 χ^2/NDF:0.0/0

Right Out: -2.709+/-1.211 χ^2/NDF: 13.6/13

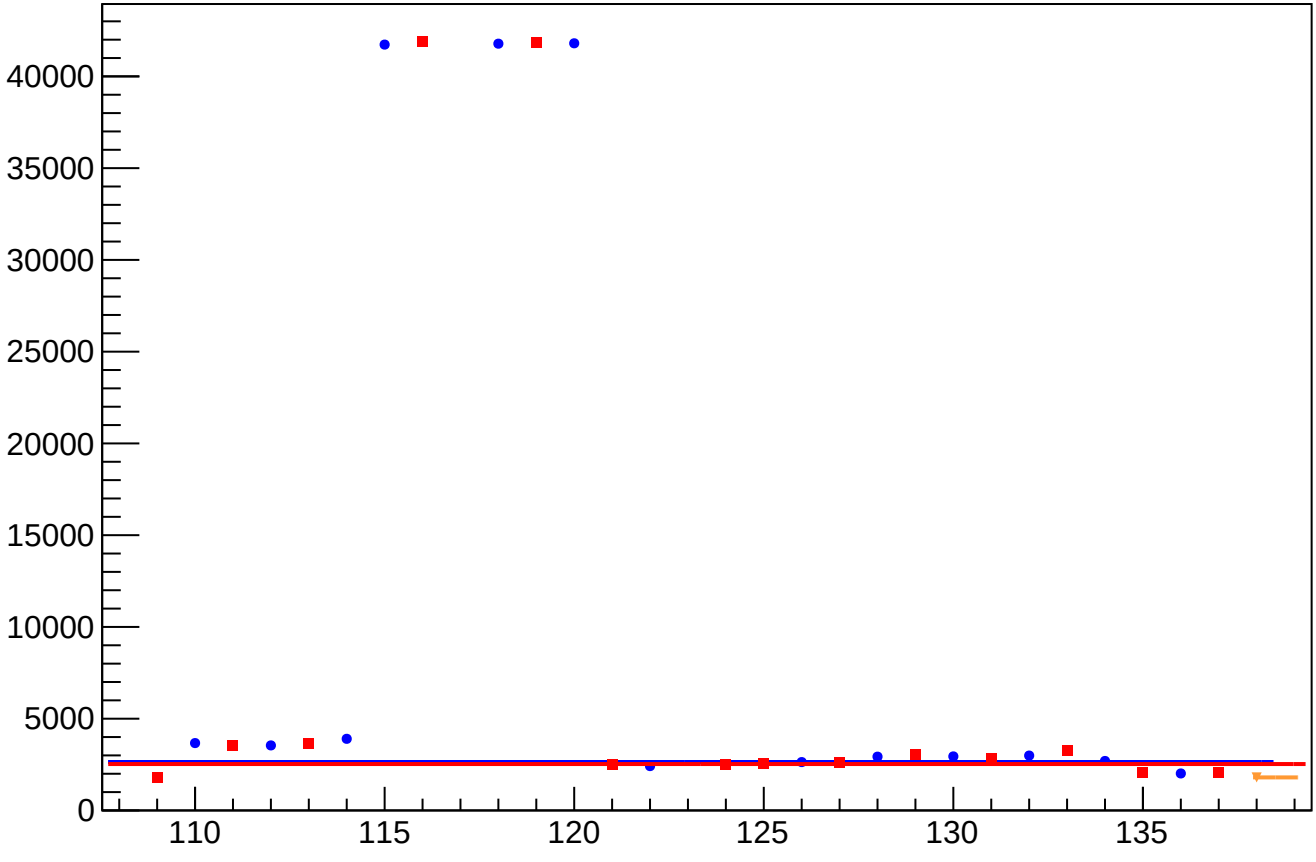
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.906+/-1.073 χ^2/NDF: 23.7/13

All: -0.123+/-0.803 χ^2/NDF: 45.5/27

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 2639.943+/-0.883 χ^2/NDF: 2173395.1/12

Left Out: 1800.576+/-1.482 χ^2/NDF:0.0/0

Right Out: 2529.018+/-0.856 χ^2/NDF: 1949928.1/13

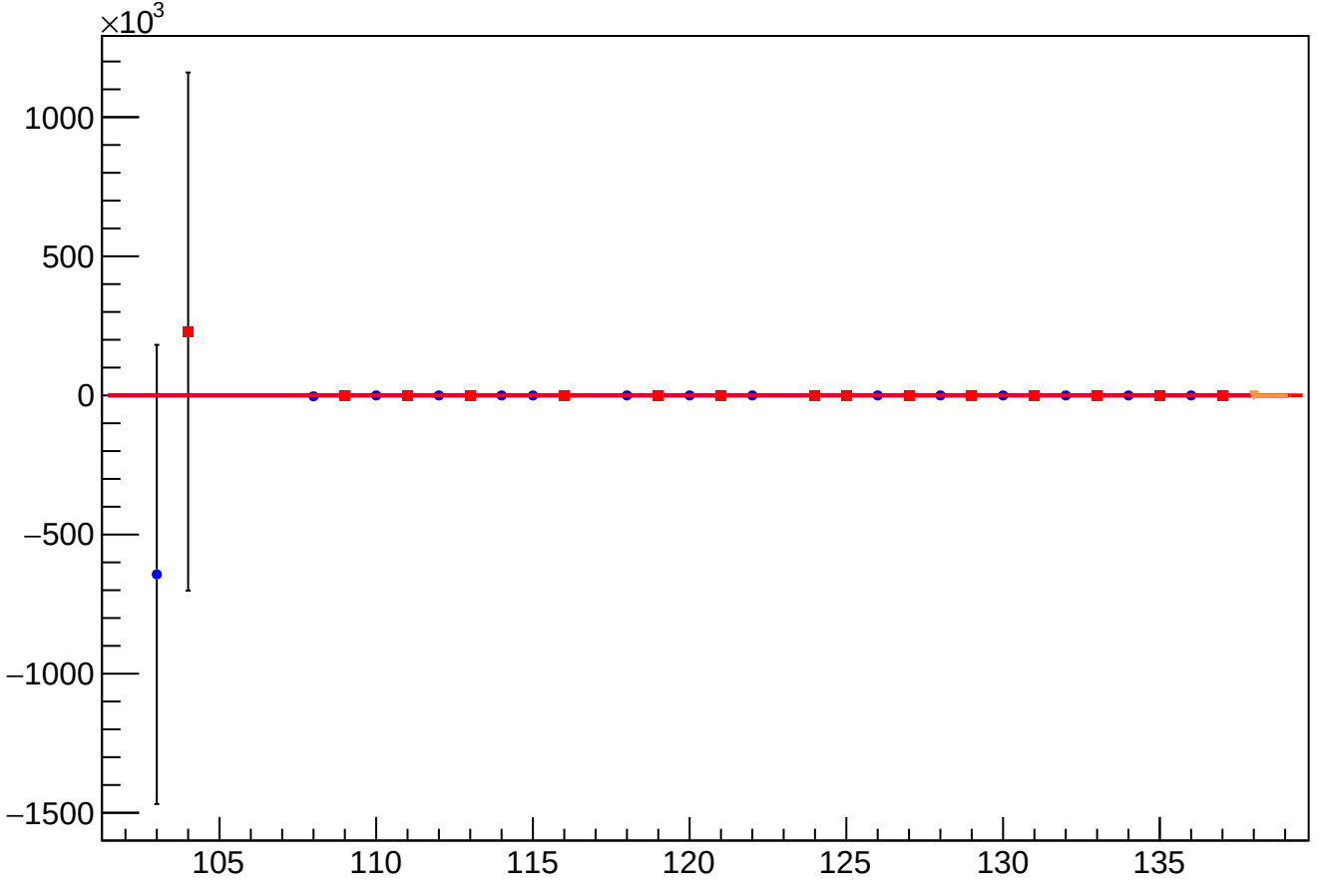
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2420.144+/-0.758 χ^2/NDF: 2410176.8/13

All: 2468.005+/-0.568 χ^2/NDF: 4369165.3/27

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: -1.215+/-1.125 χ^2/NDF: 18.8/14

Left Out: 0.715+/-1.958 χ^2/NDF:0.0/0

Right Out: -2.670+/-1.211 χ^2/NDF: 14.4/14

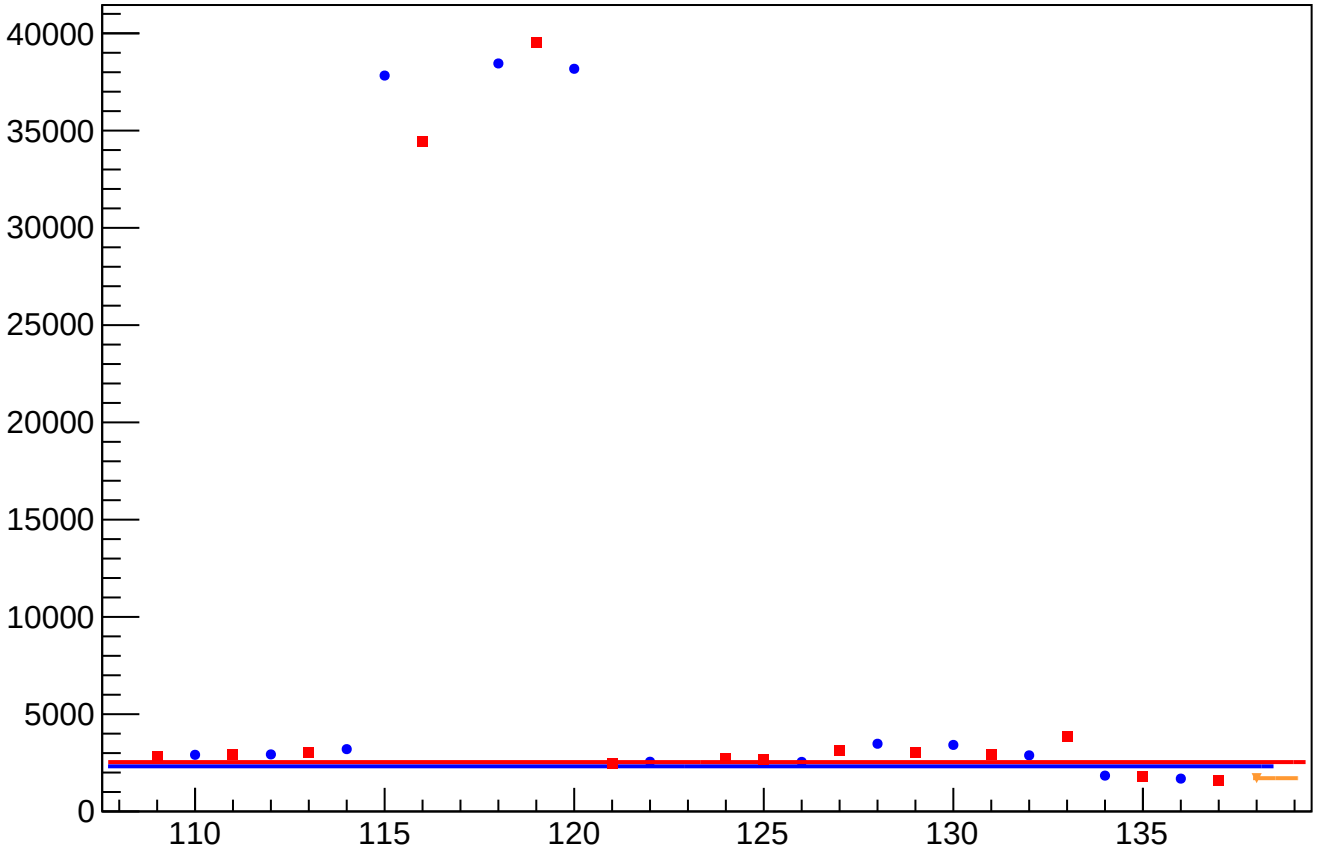
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.735+/-0.976 χ^2/NDF: 19.5/15

All: -1.497+/-0.760 χ^2/NDF: 35.5/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 2320.446+/-0.796 χ^2/NDF: 2461445.1/12

Left Out: 1710.346+/-1.384 χ^2/NDF:0.0/0

Right Out: 2537.615+/-0.856 χ^2/NDF: 2038153.2/13

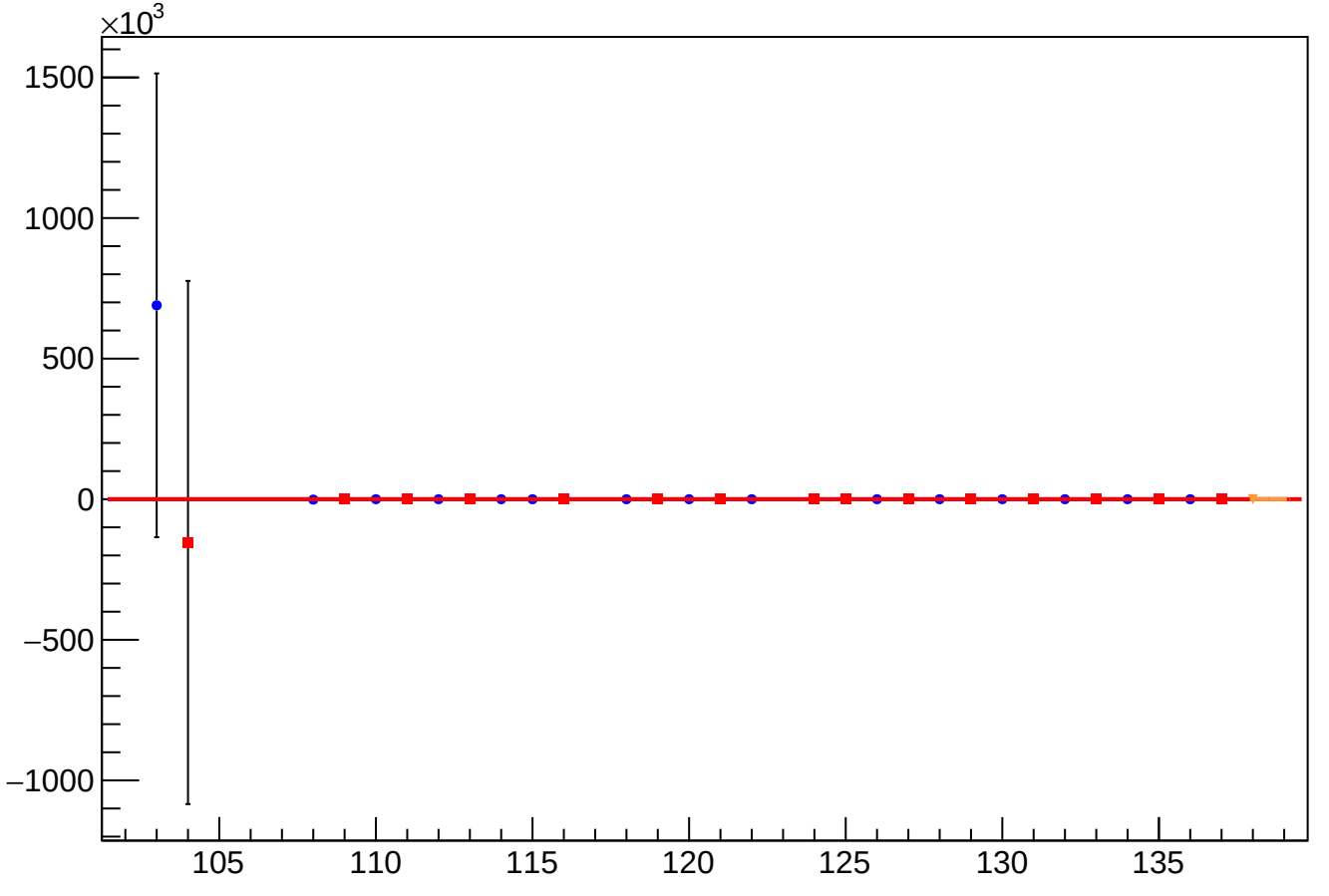
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2168.915+/-0.690 χ^2/NDF: 2607466.0/13

All: 2314.004+/-0.537 χ^2/NDF: 4758031.9/27

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: 1.708+/-1.076 χ^2/NDF: 5.0/14

Left Out: -2.945+/-1.592 χ^2/NDF:0.0/0

Right Out: -1.893+/-1.052 χ^2/NDF: 15.3/14

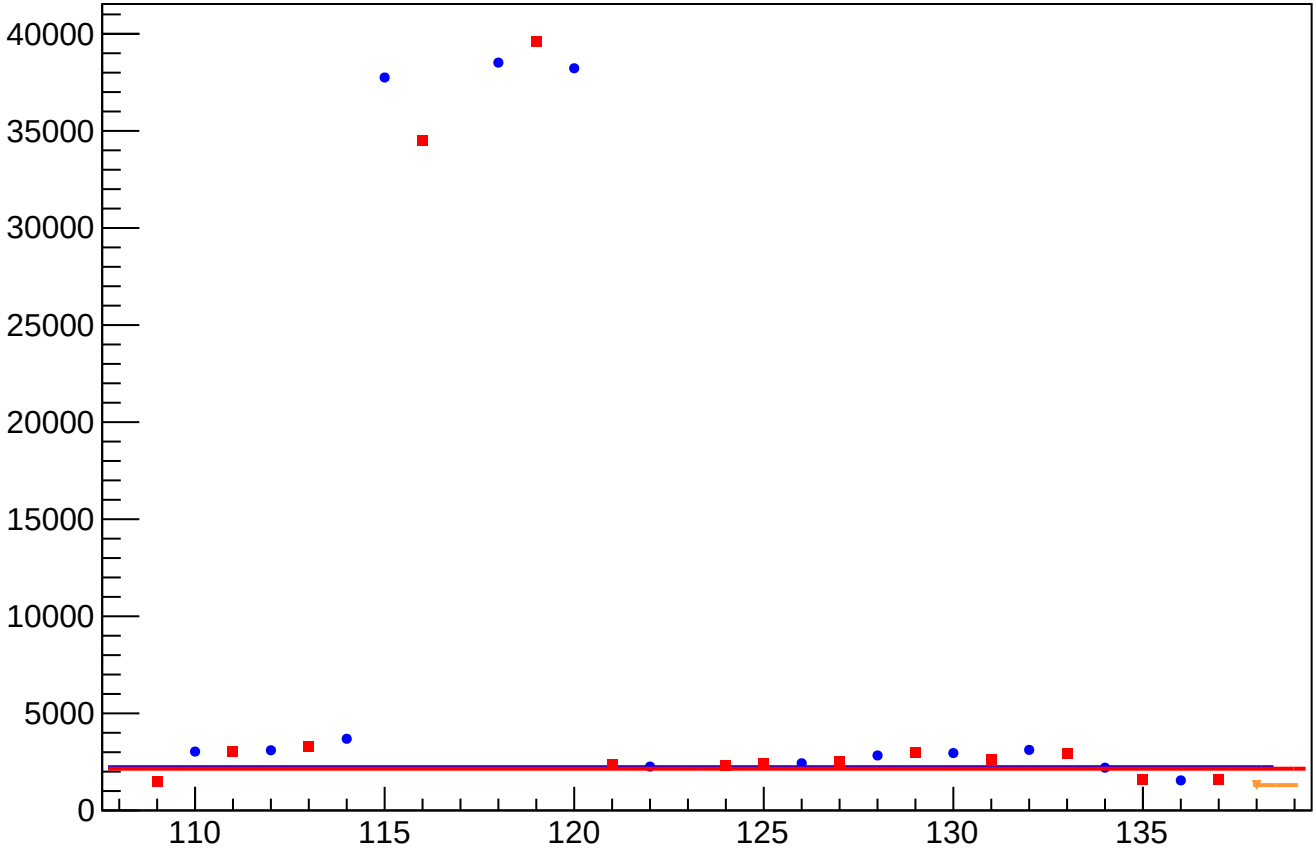
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.248+/-0.892 χ^2/NDF: 10.9/15

All: -0.647+/-0.680 χ^2/NDF: 28.6/30

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 2226.944+/-0.761 χ^2/NDF: 2522286.5/12

Left Out: 1305.658+/-1.126 χ^2/NDF:0.0/0

Right Out: 2150.841+/-0.744 χ^2/NDF: 2231322.0/13

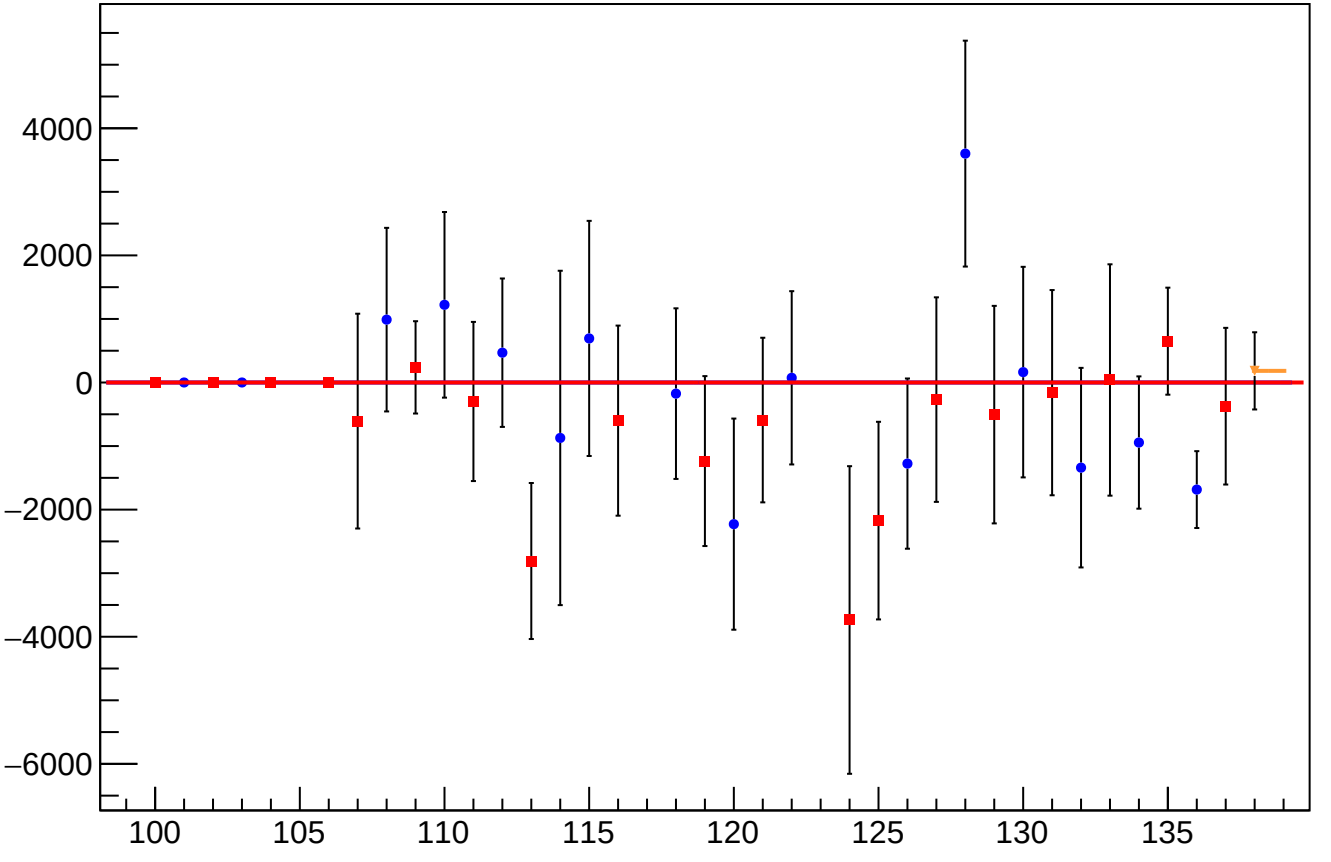
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1937.959+/-0.631 χ^2/NDF: 2981872.3/13

All: 2026.991+/-0.481 χ^2/NDF: 5260865.6/27

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4bX_mean vs Slug



Right In: 0.255+/-0.356 χ^2/NDF: 17.7/15

Left Out: 183.175+/-607.253 χ^2/NDF:0.0/0

Right Out: 0.096+/-0.328 χ^2/NDF: 15.4/18

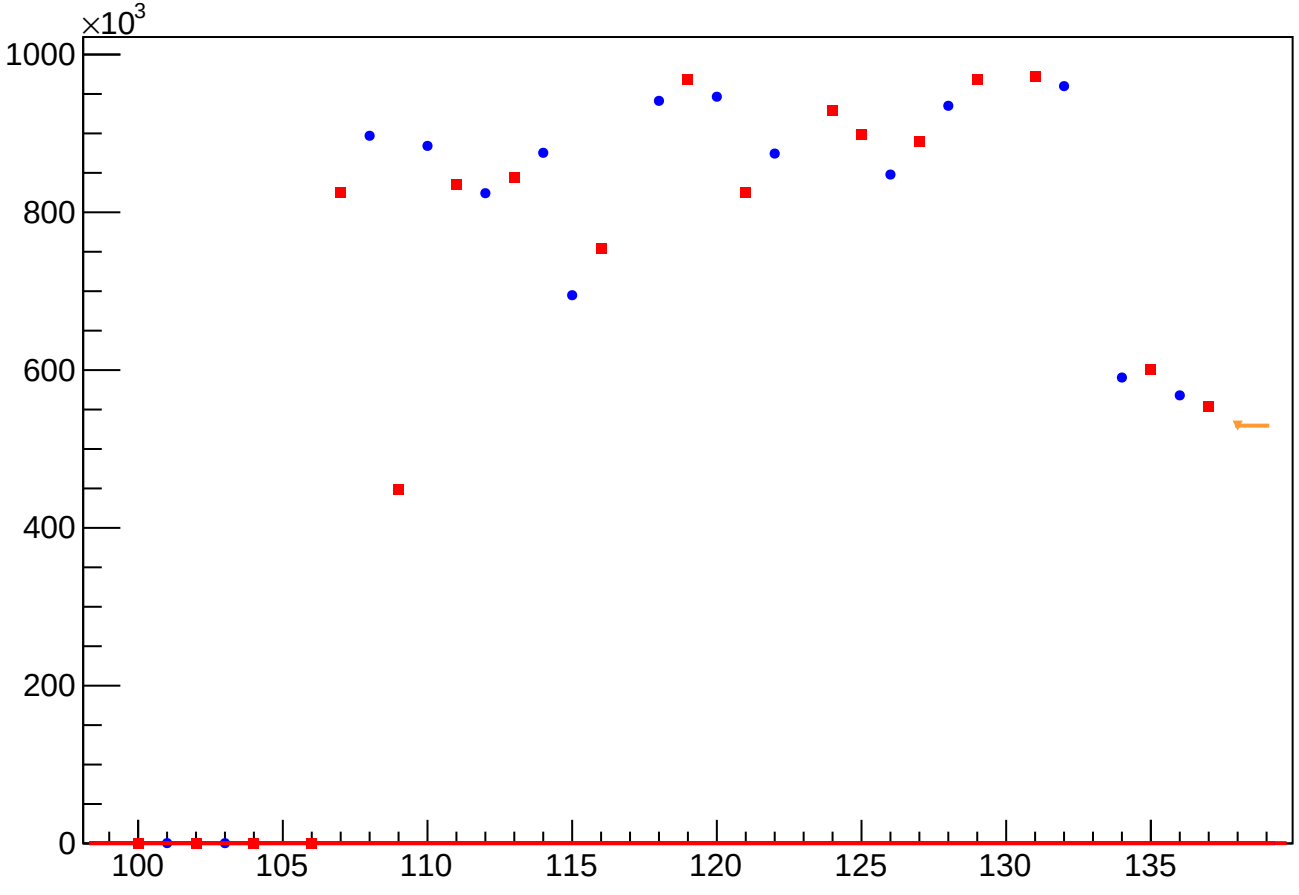
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.255+/-0.356 χ^2/NDF: 17.8/16

All: 0.169+/-0.241 χ^2/NDF: 33.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4bX_rms vs Slug



Right In: 398.881+/-0.251 χ^2/NDF: 8491830.9/14

Left Out: 529614.154+/-429.393 χ^2/NDF:0.0/0

Right Out: 393.240+/-0.232 χ^2/NDF: 7648578.2/17

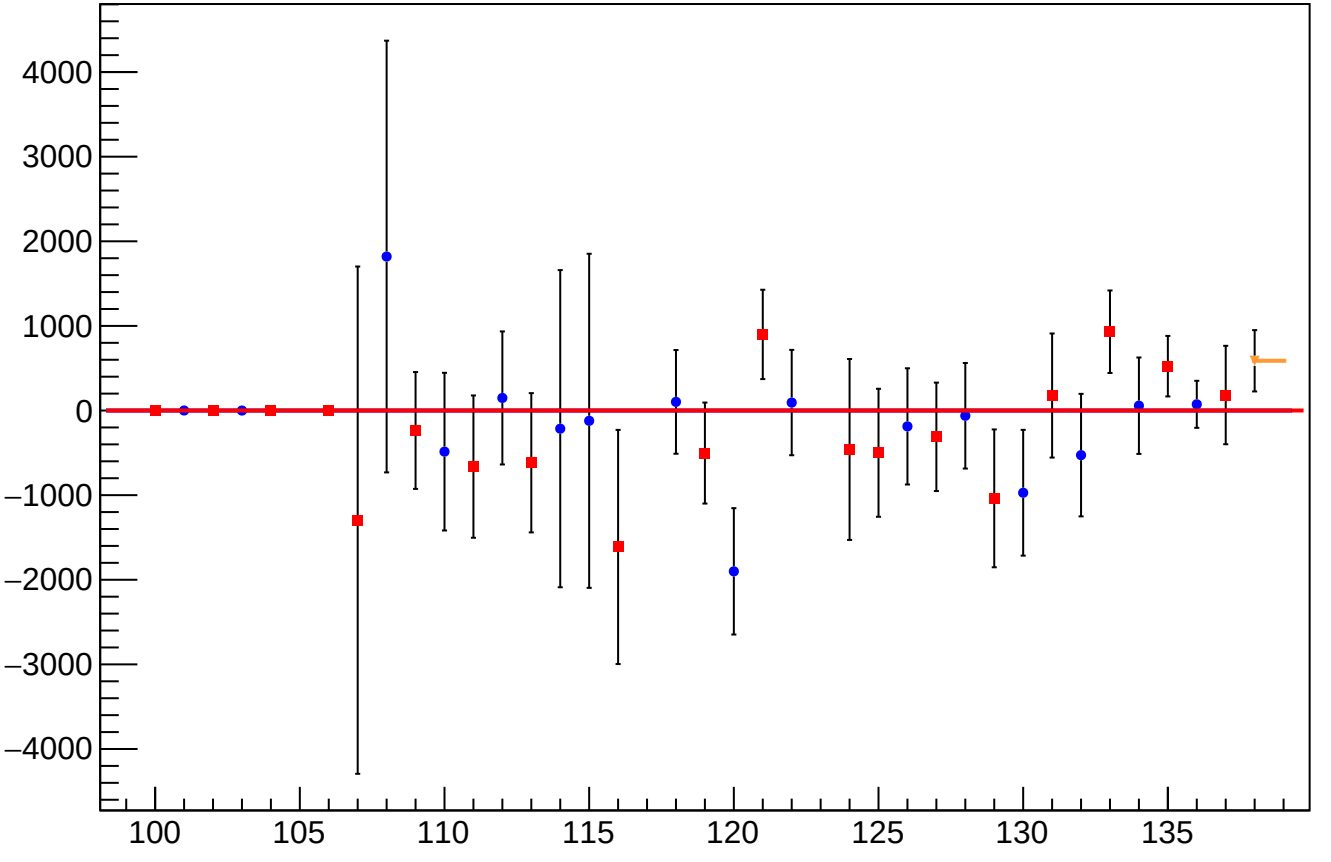
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 399.063+/-0.251 χ^2/NDF: 10010823.3/15

All: 395.914+/-0.170 χ^2/NDF: 17659691.3/33

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4bY_mean vs Slug



Right In: -0.020+/-0.347 χ^2/NDF: 10.5/15

Left Out: 588.074+/-362.360 χ^2/NDF:0.0/0

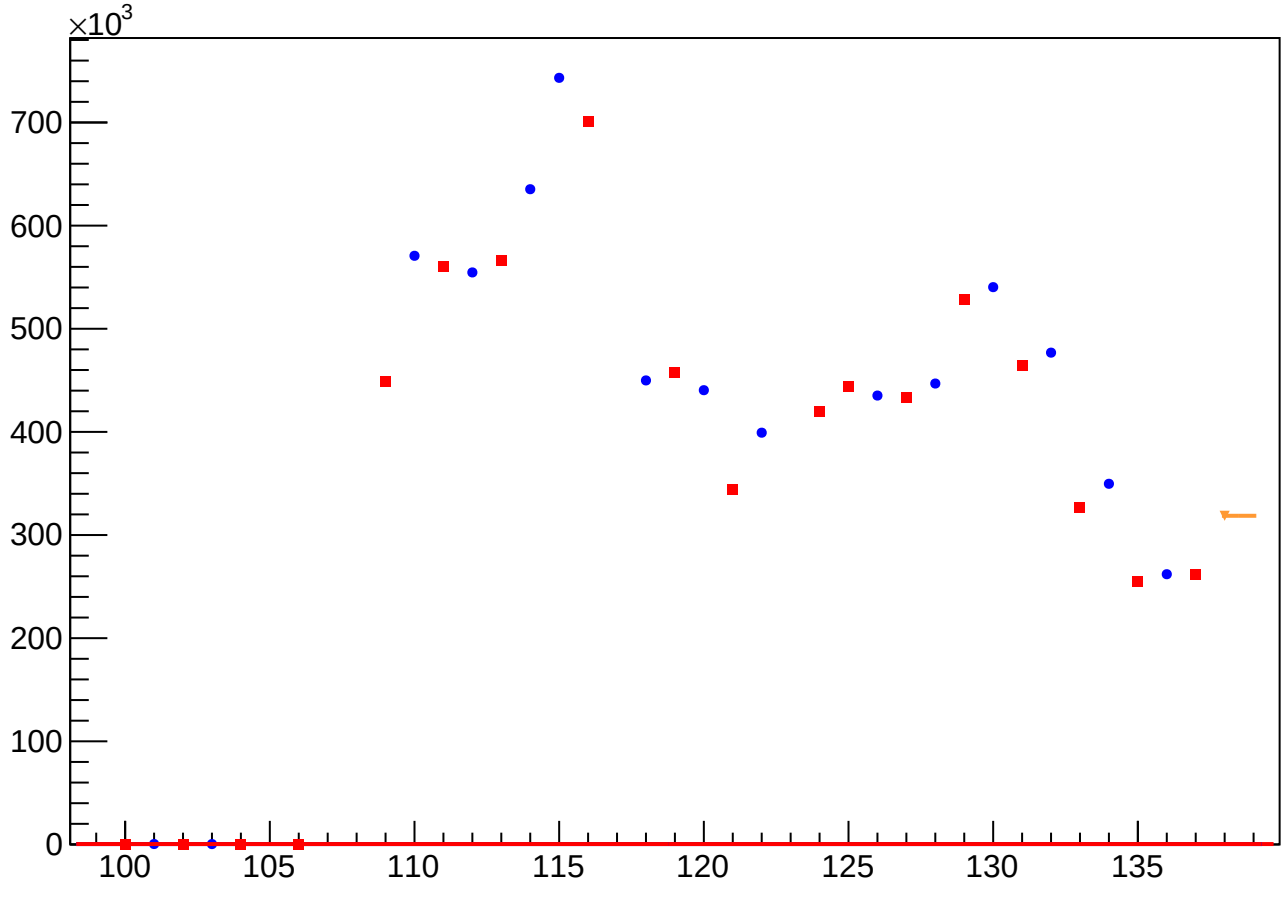
Right Out: 0.599+/-0.324 χ^2/NDF: 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.020+/-0.347 χ^2/NDF: 13.1/16

All: 0.311+/-0.237 χ^2/NDF: 29.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 390.276+/-0.245 χ^2/NDF: 11132240.7/14

Left Out: 318665.534+/-256.227 χ^2/NDF:0.0/0

Right Out: 387.984+/-0.229 χ^2/NDF: 11074302.3/17

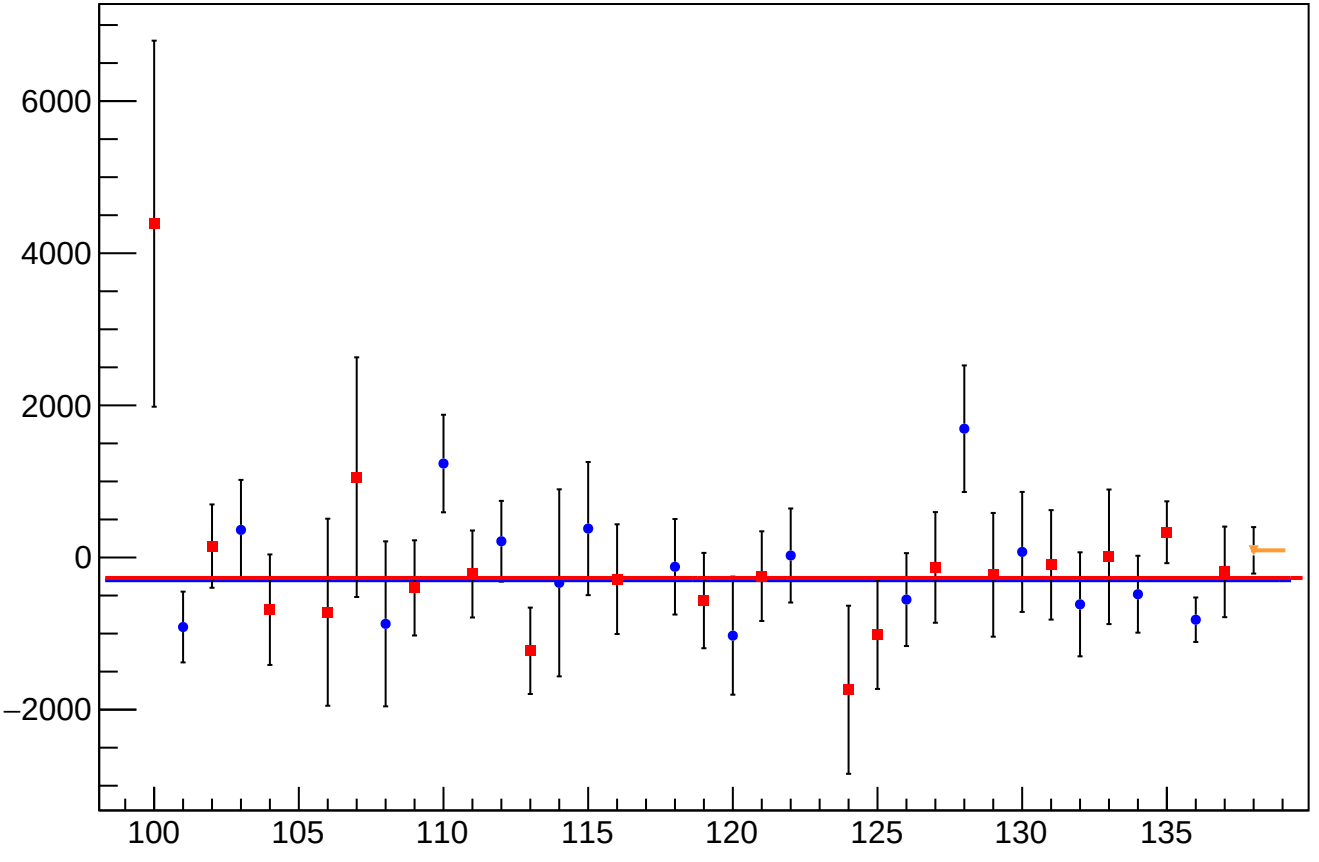
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 390.568+/-0.245 χ^2/NDF: 12675200.1/15

All: 389.186+/-0.167 χ^2/NDF: 23749561.6/33

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4cX_mean vs Slug



Right In: -298.263+/-147.367 χ^2/NDF: 21.2/15

Left Out: 94.216+/-305.478 χ^2/NDF:0.0/0

Right Out: -268.892+/-156.582 χ^2/NDF: 13.9/18

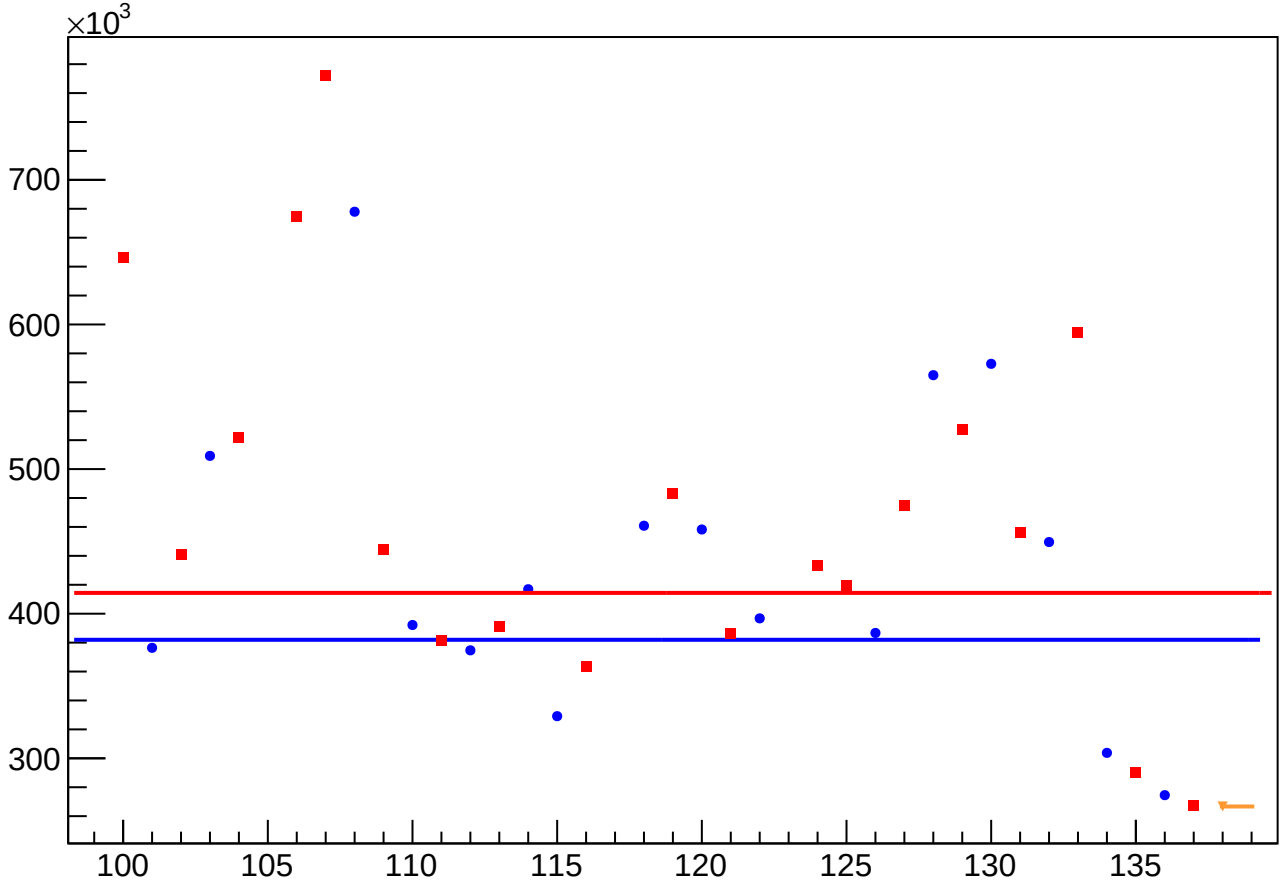
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -224.168+/-132.729 χ^2/NDF: 22.5/16

All: -242.867+/-101.248 χ^2/NDF: 36.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4cX_rms vs Slug



Right In: 381960.471+/-104.223 χ^2/NDF: 836441.6/15

Left Out: 266686.604+/-216.006 χ^2/NDF:0.0/0

Right Out: 414378.043+/-110.748 χ^2/NDF: 760082.5/18

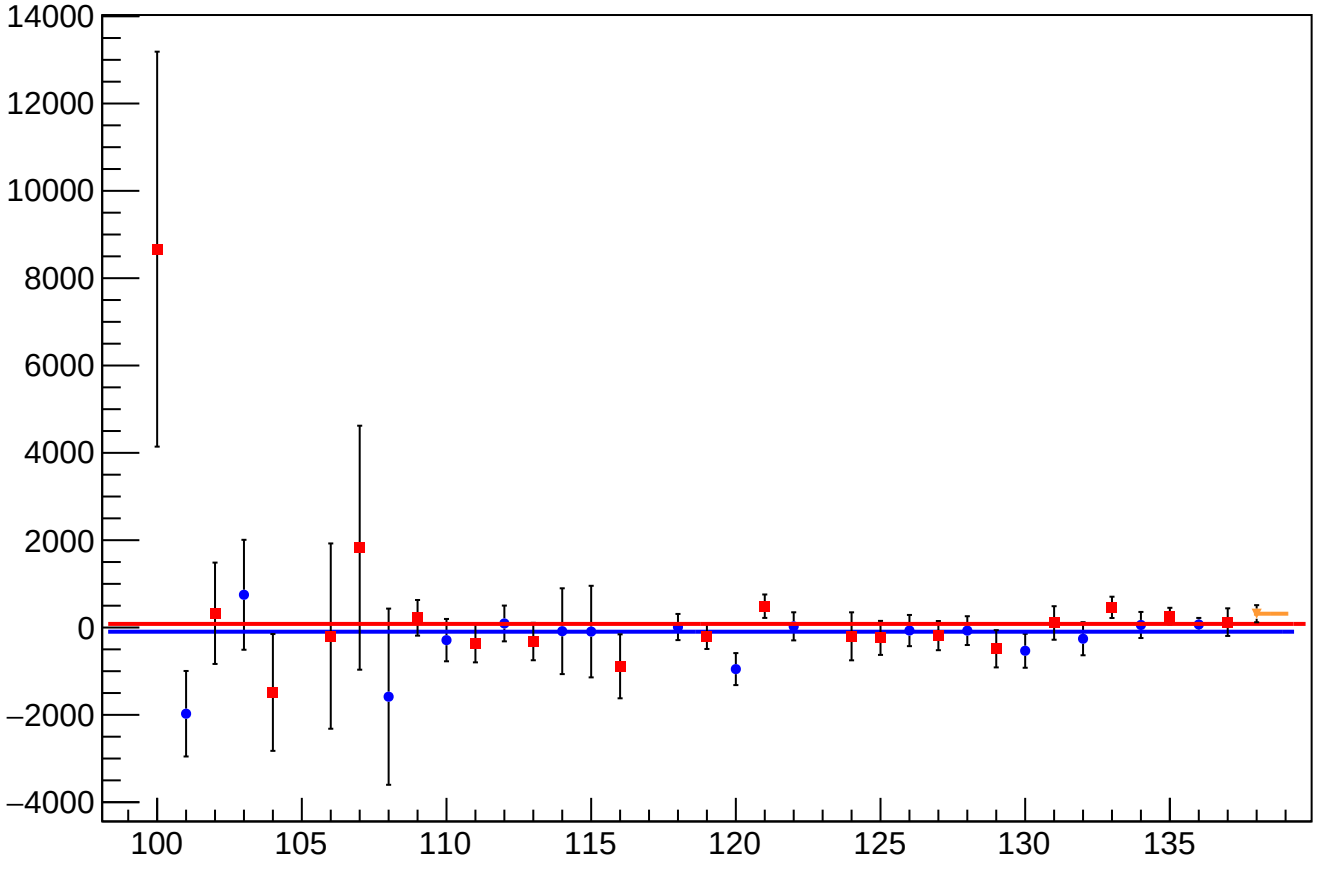
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 360191.730+/-93.868 χ^2/NDF: 1067454.4/16

All: 382844.796+/-71.607 χ^2/NDF: 1966847.

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4cY_mean vs Slug



Right In: -95.850+/-88.267 χ^2/NDF: 13.7/15

Left Out: 316.458+/-195.987 χ^2/NDF:0.0/0

Right Out: 82.750+/-87.316 χ^2/NDF: 19.1/18

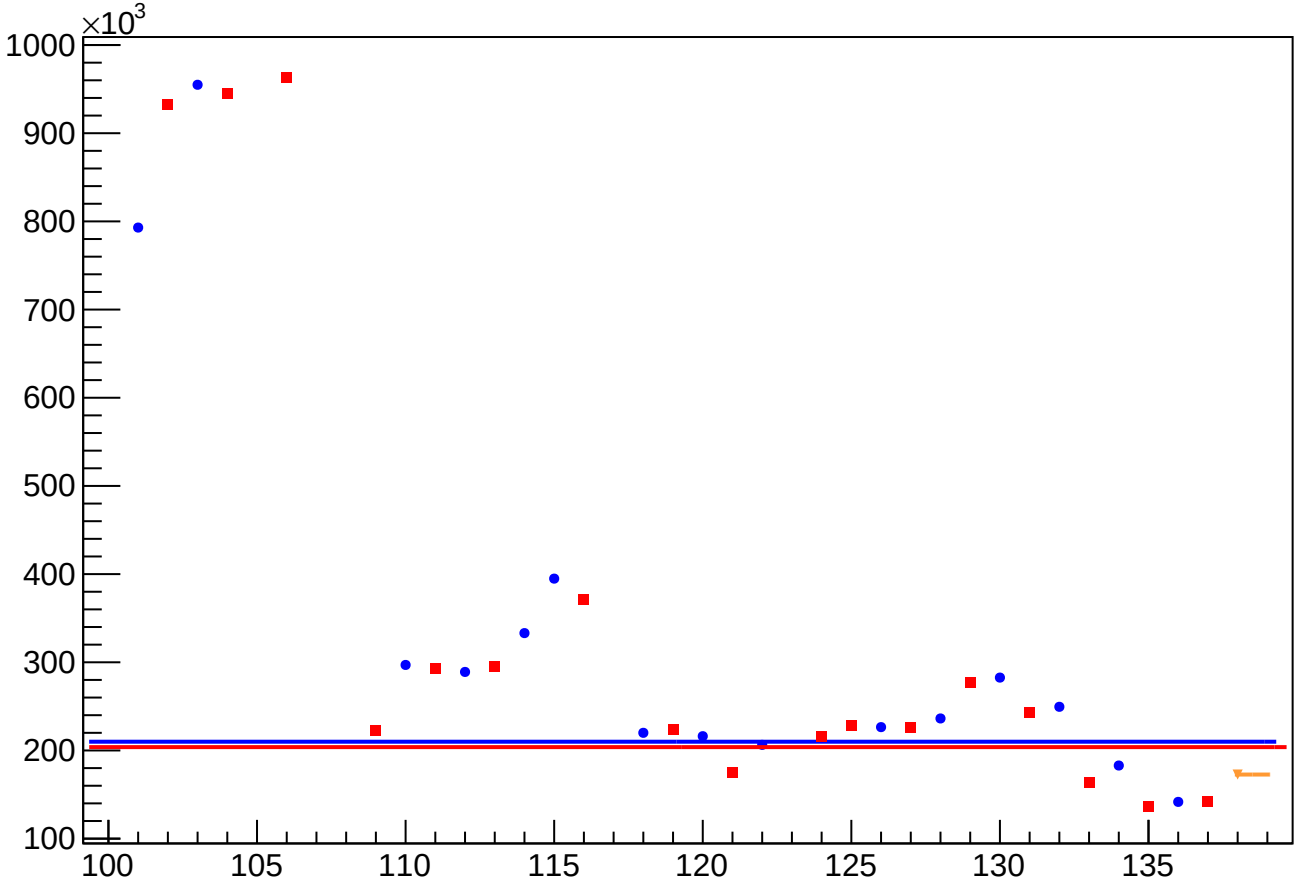
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -26.323+/-80.481 χ^2/NDF: 17.4/16

All: 23.778+/-59.178 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4cY_rms vs Slug



Right In: 209929.195+/-62.523 χ^2/NDF: 1959897.2/14

Left Out: 172697.280+/-138.584 χ^2/NDF:0.0/0

Right Out: 203793.382+/-61.895 χ^2/NDF: 2070478.1/16

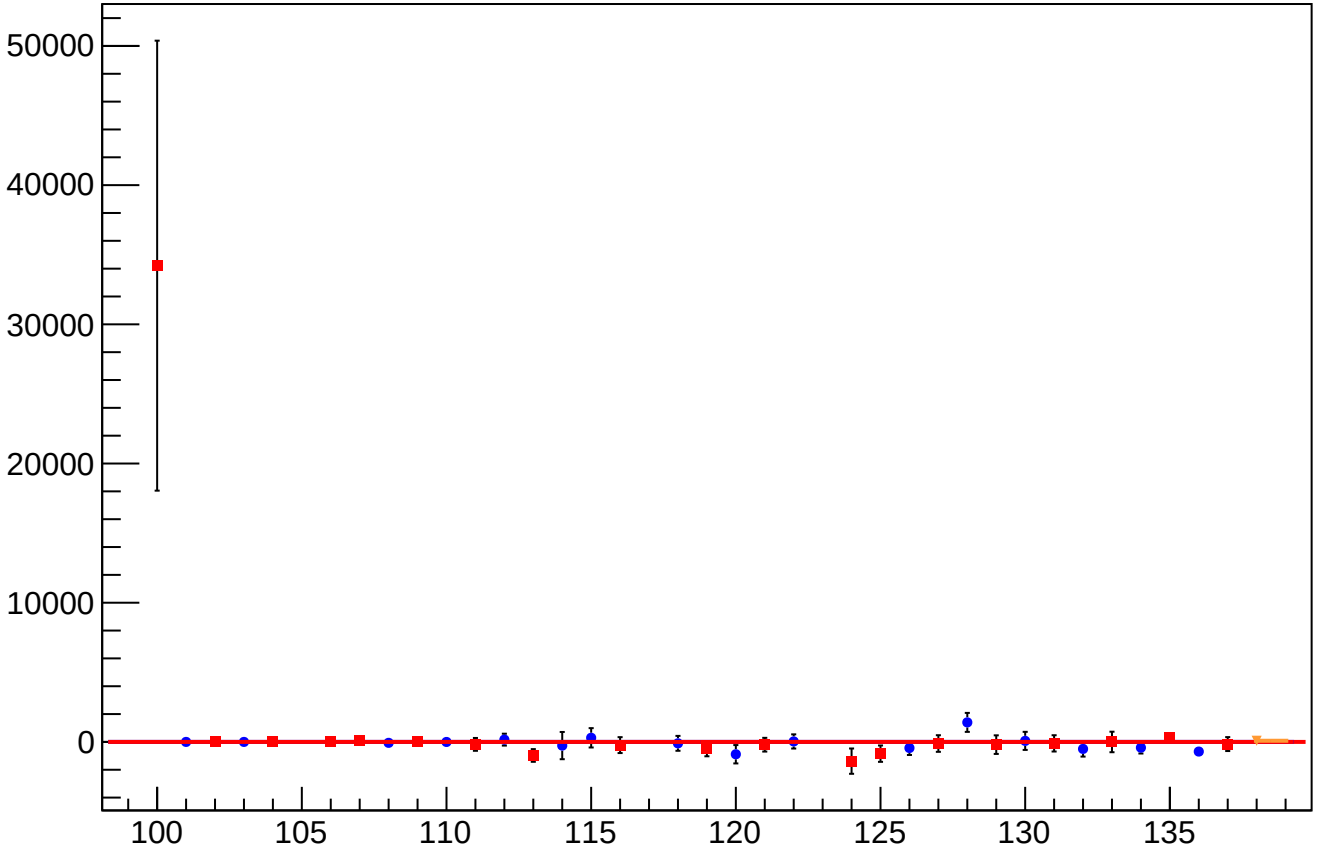
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 203632.588+/-56.991 χ^2/NDF: 2019868.9/15

All: 203706.365+/-41.925 χ^2/NDF: 4090350.

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4dX_mean vs Slug



Right In: -0.035+/-0.172 χ^2/NDF: 18.1/15

Left Out: 83.018+/-253.176 χ^2/NDF:0.0/0

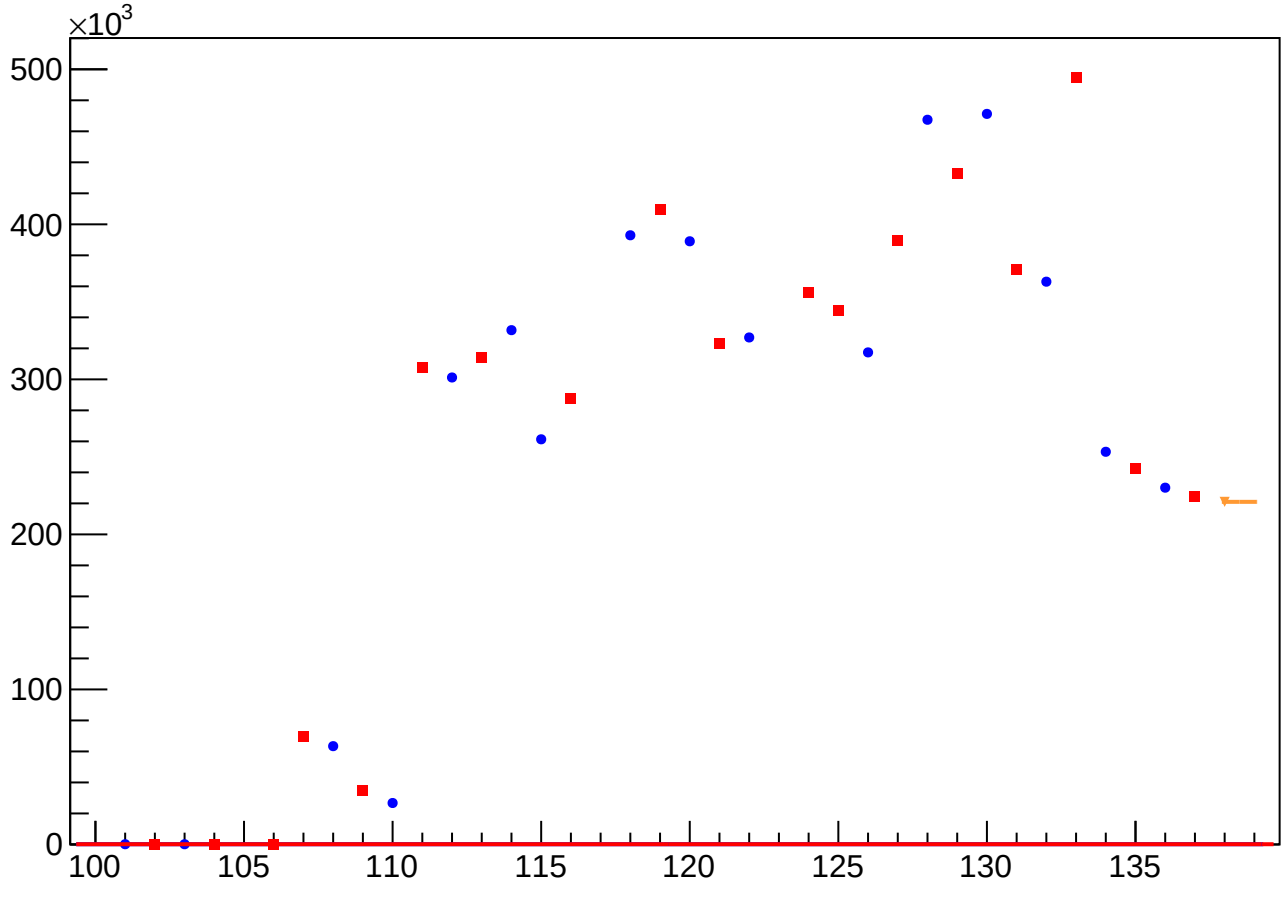
Right Out: -0.355+/-0.160 χ^2/NDF: 16.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.035+/-0.172 χ^2/NDF: 18.2/16

All: -0.207+/-0.117 χ^2/NDF: 36.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 149.092+/-0.122 χ^2/NDF: 11301940.9/15

Left Out: 220994.147+/-179.023 χ^2/NDF:0.0/0

Right Out: 149.379+/-0.113 χ^2/NDF: 11288711.4/17

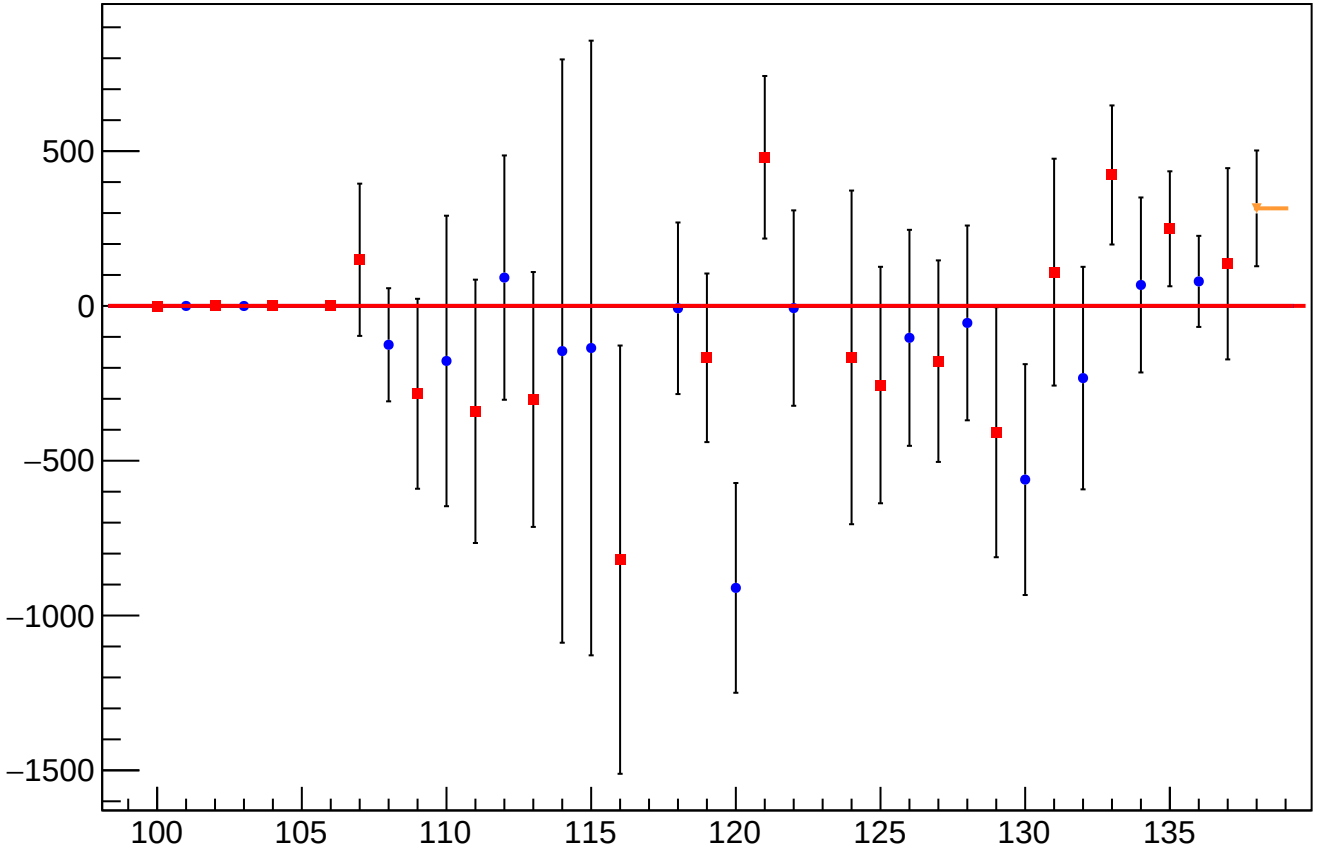
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 149.194+/-0.122 χ^2/NDF: 12823748.8/16

All: 149.293+/-0.083 χ^2/NDF: 24112461.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_cav4dY_mean vs Slug



Right In: -0.068+/-0.177 χ^2/NDF: 11.2/15

Left Out: 315.143+/-186.970 χ^2/NDF:0.0/0

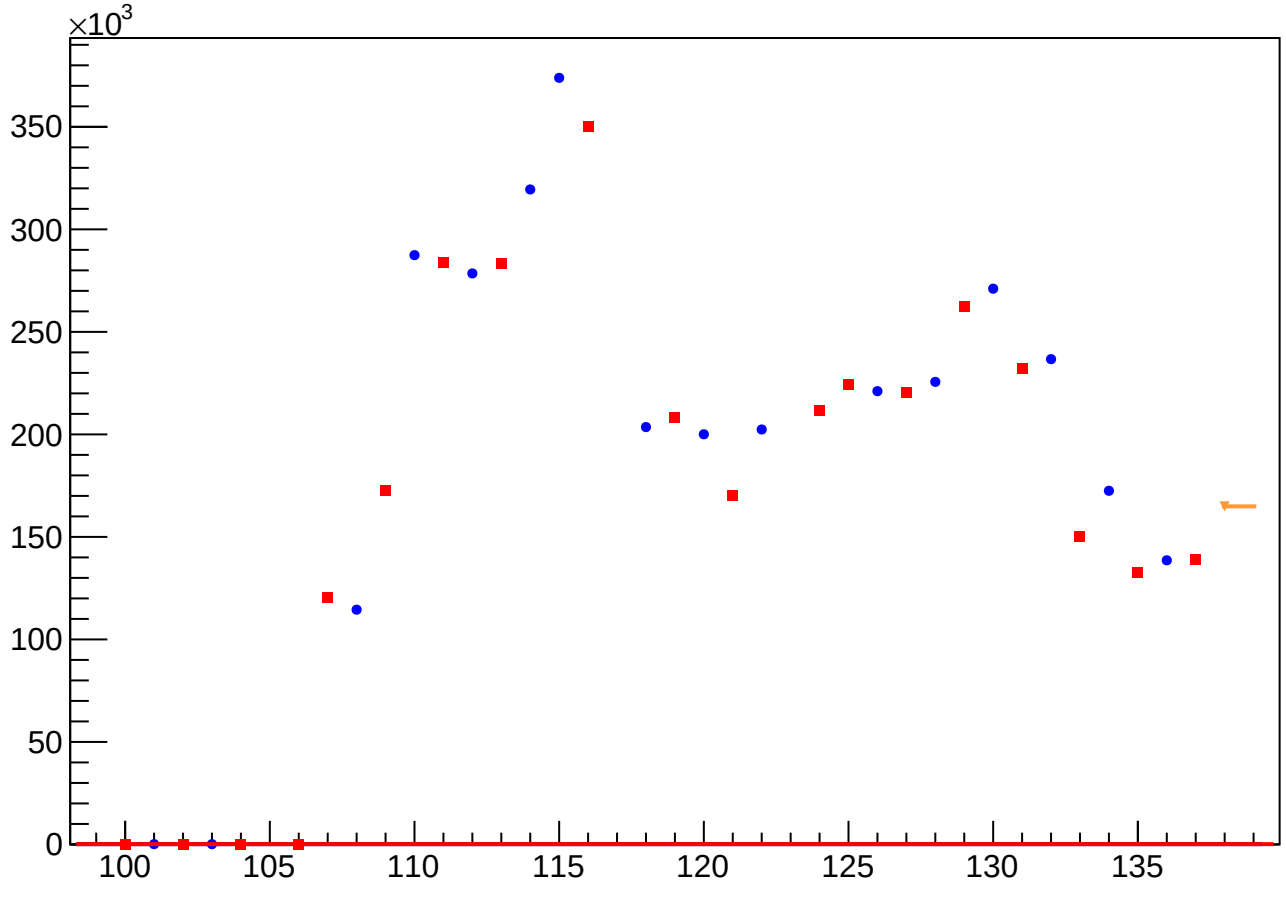
Right Out: 0.126+/-0.166 χ^2/NDF: 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.068+/-0.177 χ^2/NDF: 14.1/16

All: 0.035+/-0.121 χ^2/NDF: 29.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 153.460+/-0.125 χ^2/NDF: 11904914.7/15

Left Out: 164907.721+/-132.208 χ^2/NDF:0.0/0

Right Out: 156.158+/-0.118 χ^2/NDF: 11330885.6/18

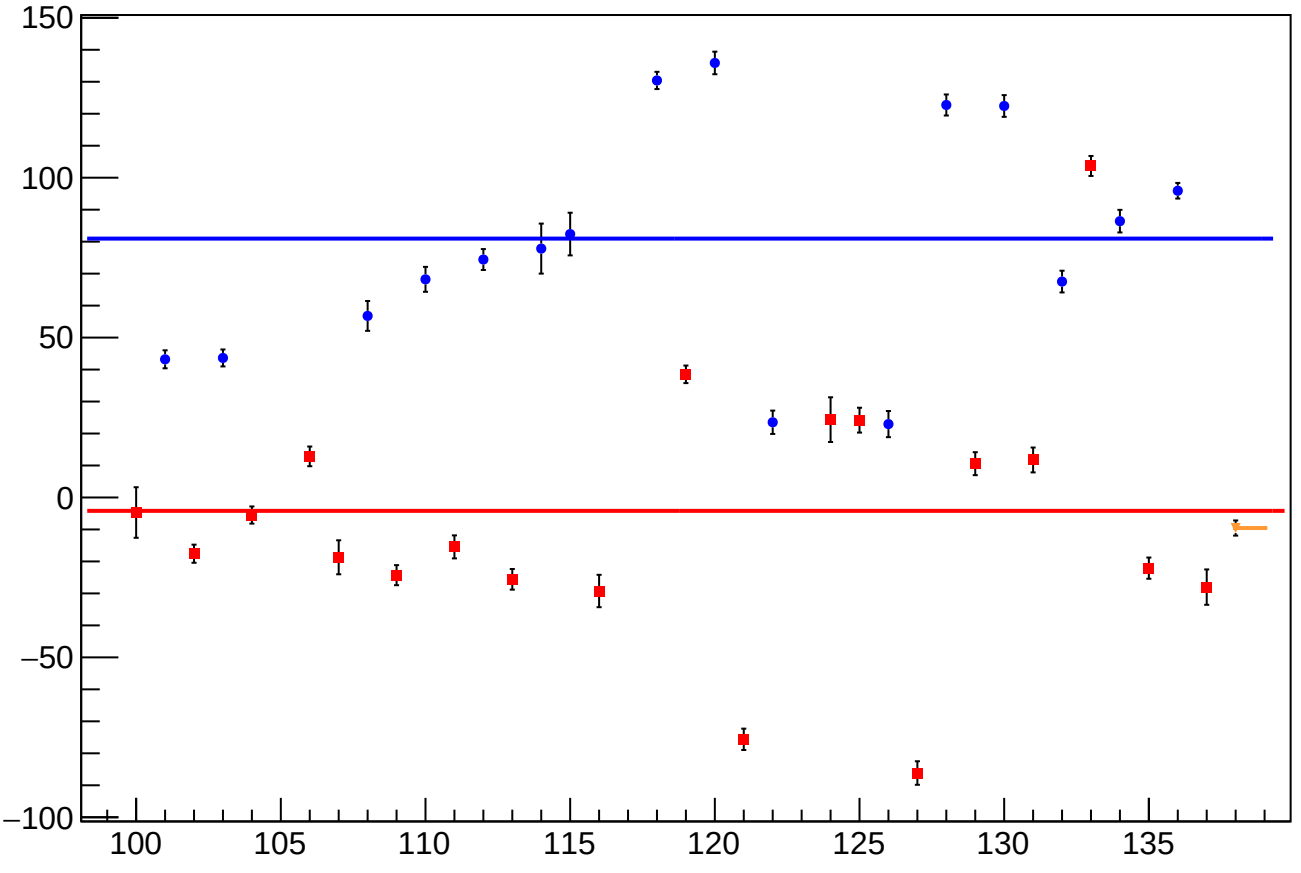
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 153.608+/-0.125 χ^2/NDF: 13457873.7/16

All: 154.962+/-0.086 χ^2/NDF: 24788979.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 80.955+/-0.851 χ^2/NDF: 1813.9/15

Left Out: -9.552+/-2.372 χ^2/NDF:0.0/0

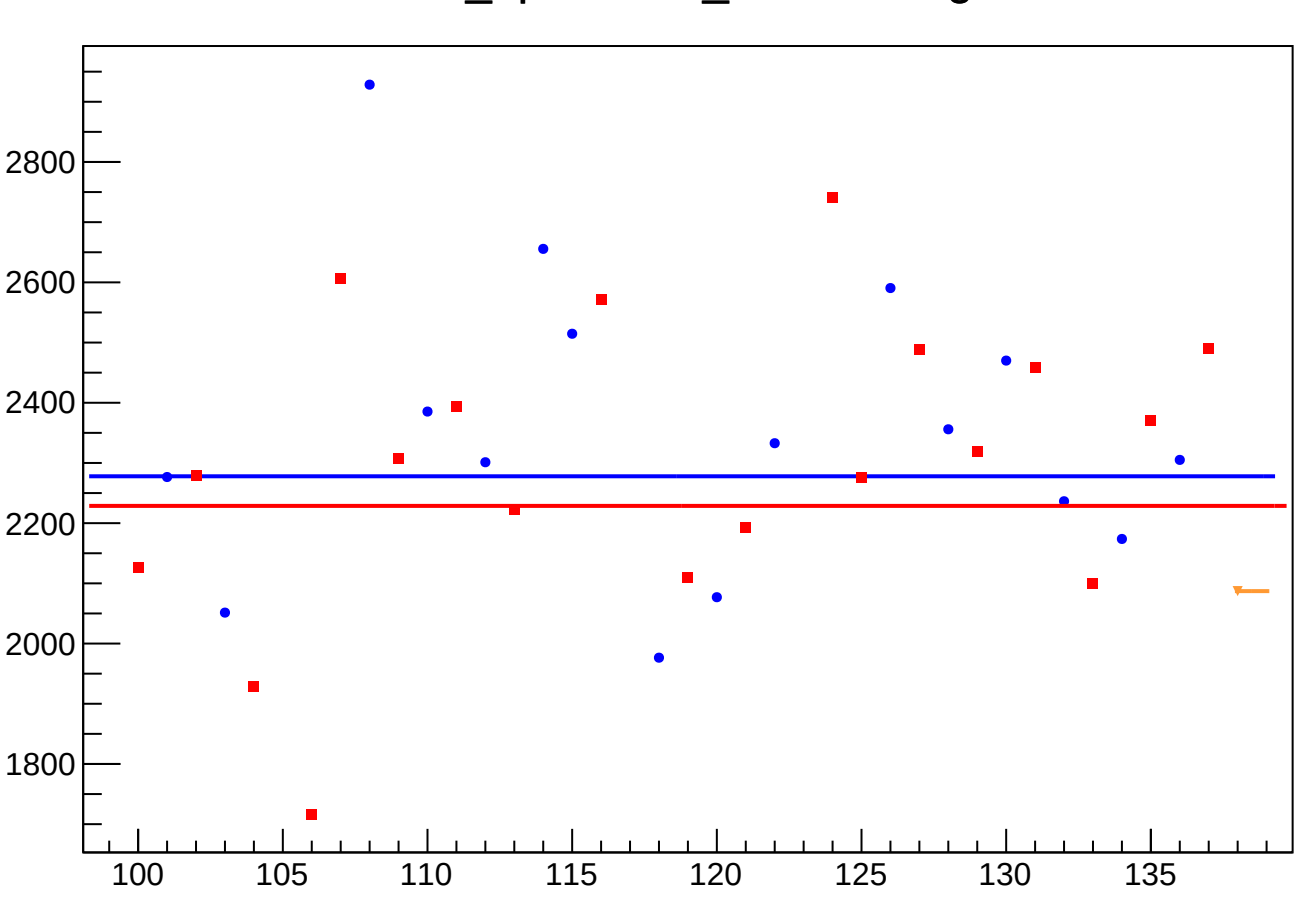
Right Out: -4.183+/-0.820 χ^2/NDF: 2719.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 70.628+/-0.801 χ^2/NDF: 3103.2/16

All: 34.085+/-0.573 χ^2/NDF: 10079.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2277.867+/-0.602 χ^2/NDF: 115771.4/15

Left Out: 2087.114+/-1.678 χ^2/NDF:0.0/0

Right Out: 2228.689+/-0.580 χ^2/NDF: 151135.6/18

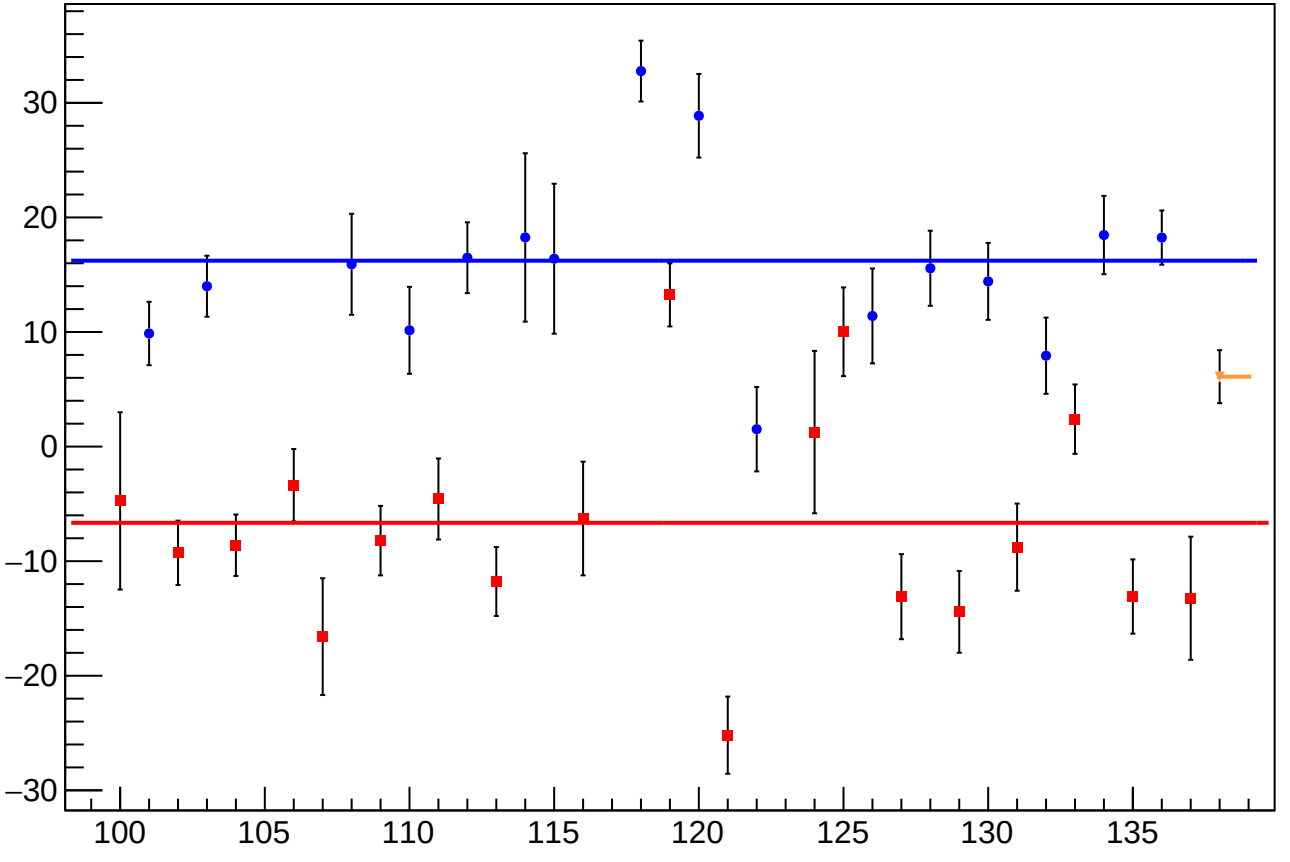
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2256.101+/-0.567 χ^2/NDF: 127225.4/16

All: 2242.711+/-0.405 χ^2/NDF: 279504.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 16.226+/-0.838 χ^2/NDF: 84.5/15

Left Out: 6.103+/-2.313 χ^2/NDF:0.0/0

Right Out: -6.652+/-0.809 χ^2/NDF: 134.6/18

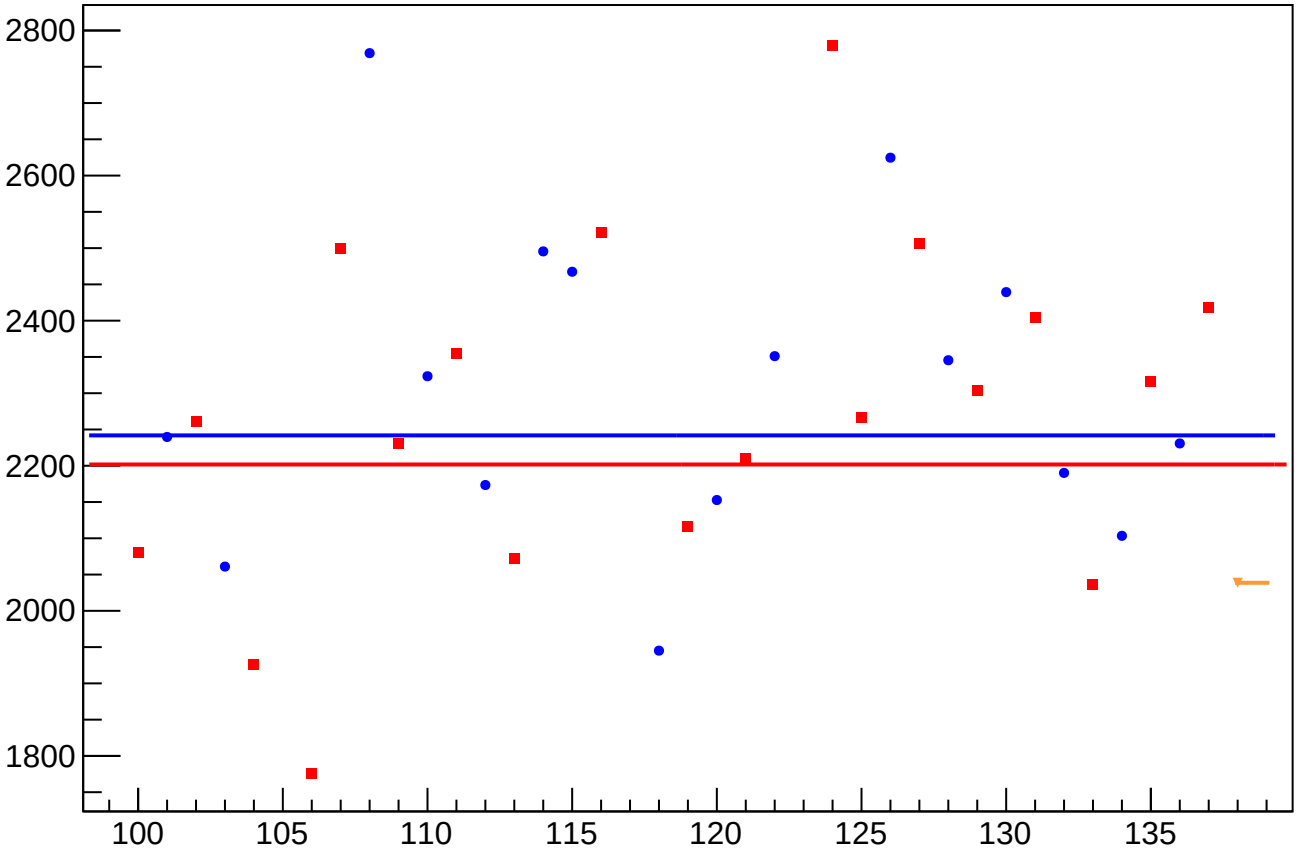
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15.053+/-0.788 χ^2/NDF: 101.5/16

All: 4.496+/-0.564 χ^2/NDF: 605.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2241.853+/-0.592 χ^2/NDF: 102260.7/15

Left Out: 2038.668+/-1.636 χ^2/NDF:0.0/0

Right Out: 2201.739+/-0.572 χ^2/NDF: 129882.5/18

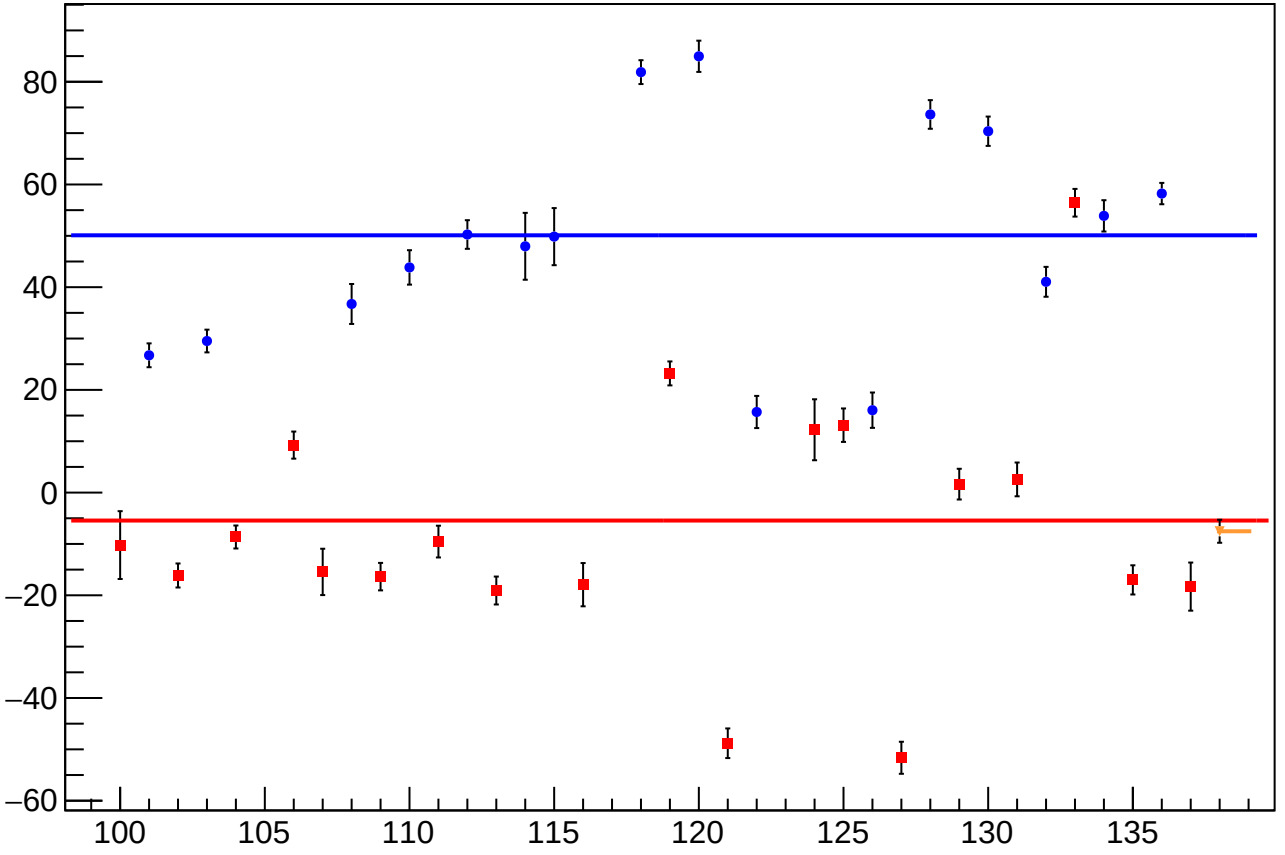
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2218.303+/-0.557 χ^2/NDF: 115901.2/16

All: 2210.246+/-0.399 χ^2/NDF: 246214.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 50.102+/-0.722 χ^2/NDF: 888.5/15

Left Out: -7.531+/-2.240 χ^2/NDF:0.0/0

Right Out: -5.444+/-0.694 χ^2/NDF: 1311.6/18

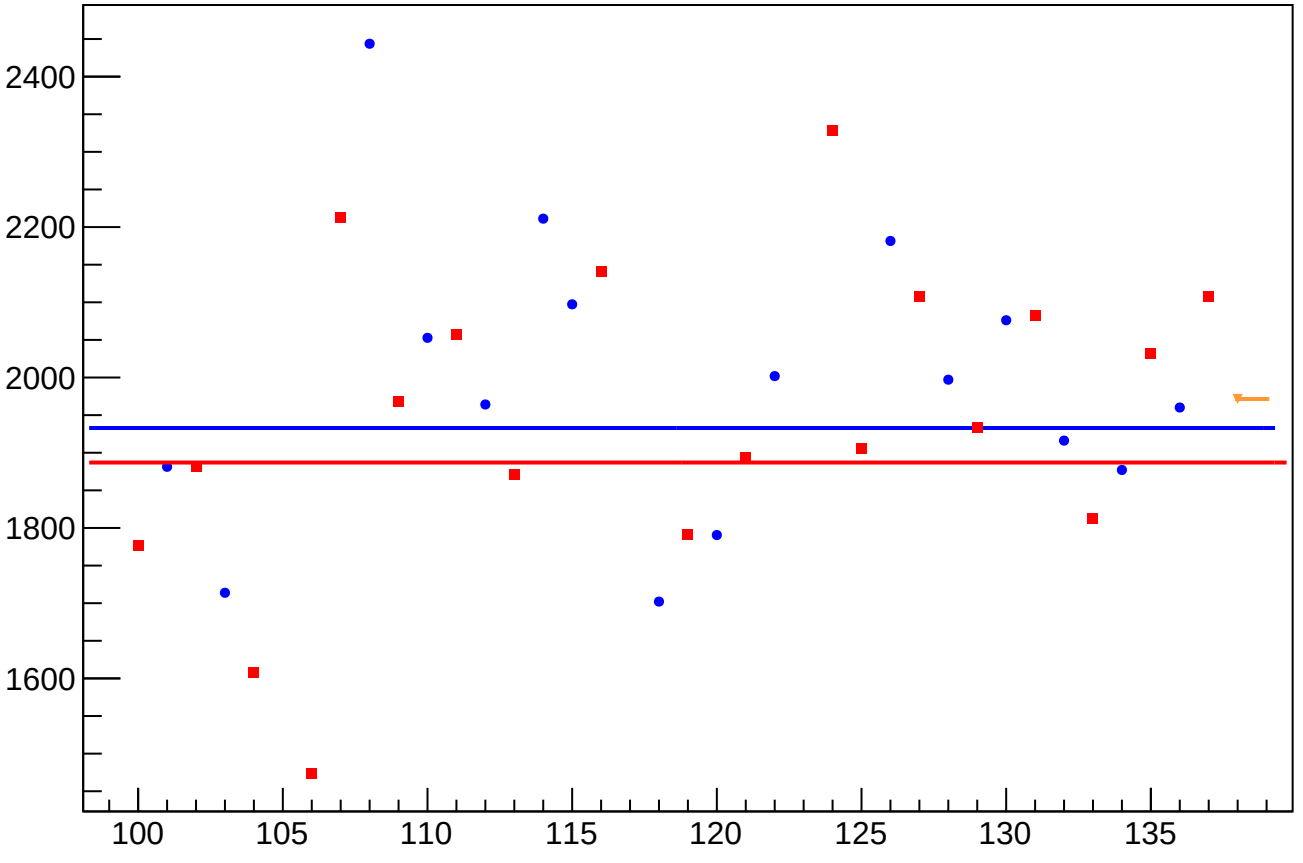
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 44.677+/-0.687 χ^2/NDF: 1488.1/16

All: 19.870+/-0.488 χ^2/NDF: 5431.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1932.904+/-0.511 χ^2/NDF: 105967.6/15

Left Out: 1971.481+/-1.584 χ^2/NDF:0.0/0

Right Out: 1887.006+/-0.491 χ^2/NDF: 149746.6/18

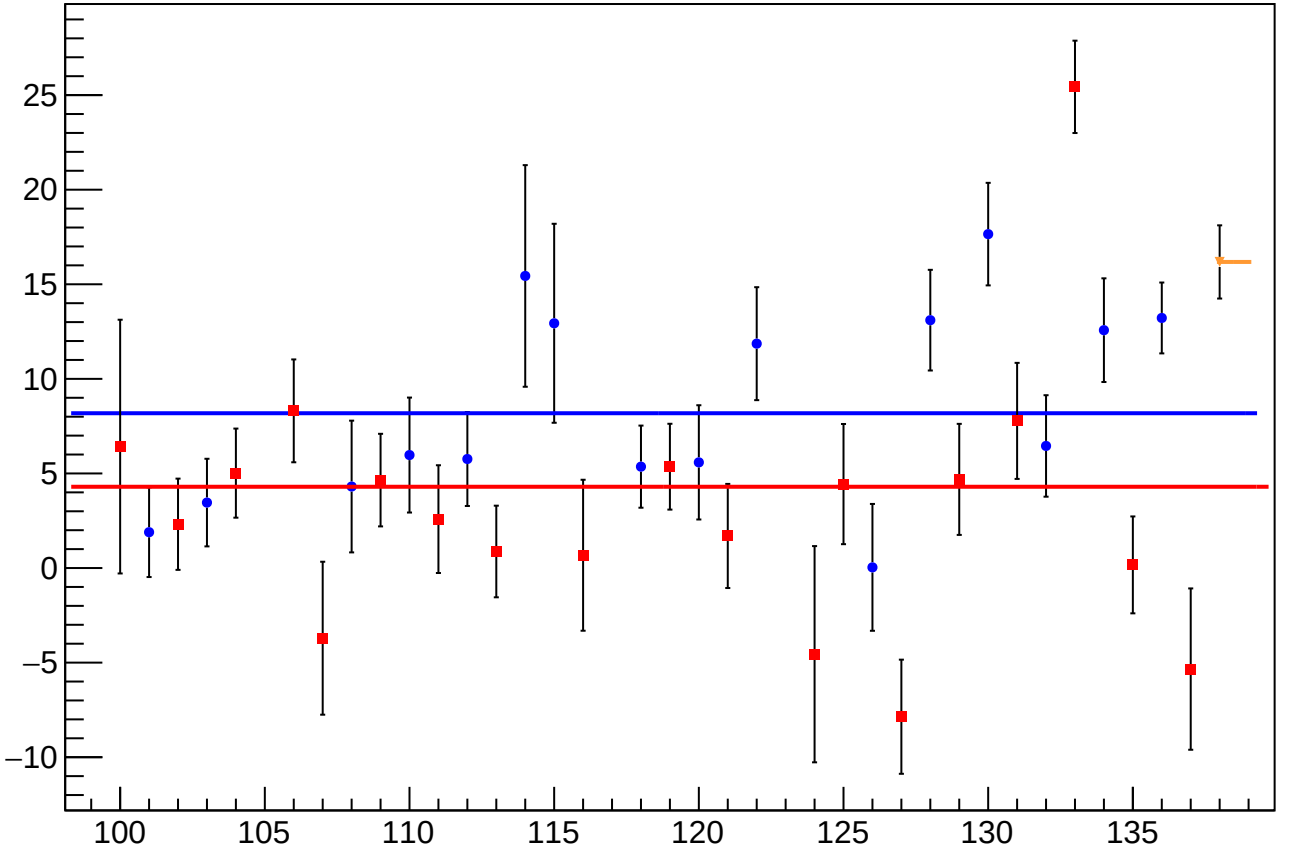
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1936.535+/-0.486 χ^2/NDF: 106504.8/16

All: 1912.020+/-0.345 χ^2/NDF: 261392.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 8.183+/-0.684 χ^2/NDF: 52.0/15

Left Out: 16.181+/-1.935 χ^2/NDF:0.0/0

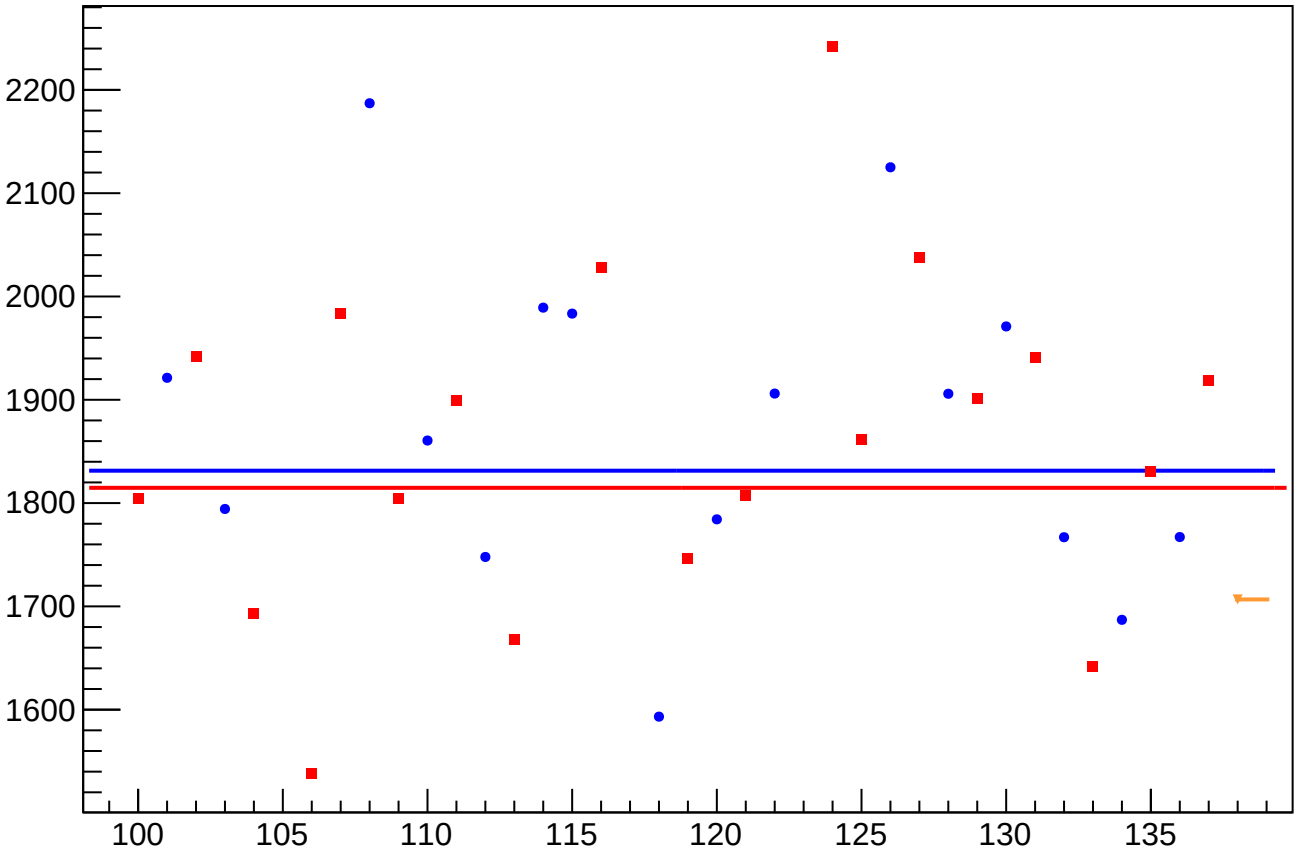
Right Out: 4.297+/-0.665 χ^2/NDF: 114.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9.070+/-0.645 χ^2/NDF: 67.1/16

All: 6.760+/-0.463 χ^2/NDF: 207.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1831.359+/-0.483 χ^2/NDF: 86919.2/15

Left Out: 1706.717+/-1.368 χ^2/NDF:0.0/0

Right Out: 1814.774+/-0.471 χ^2/NDF: 90738.7/18

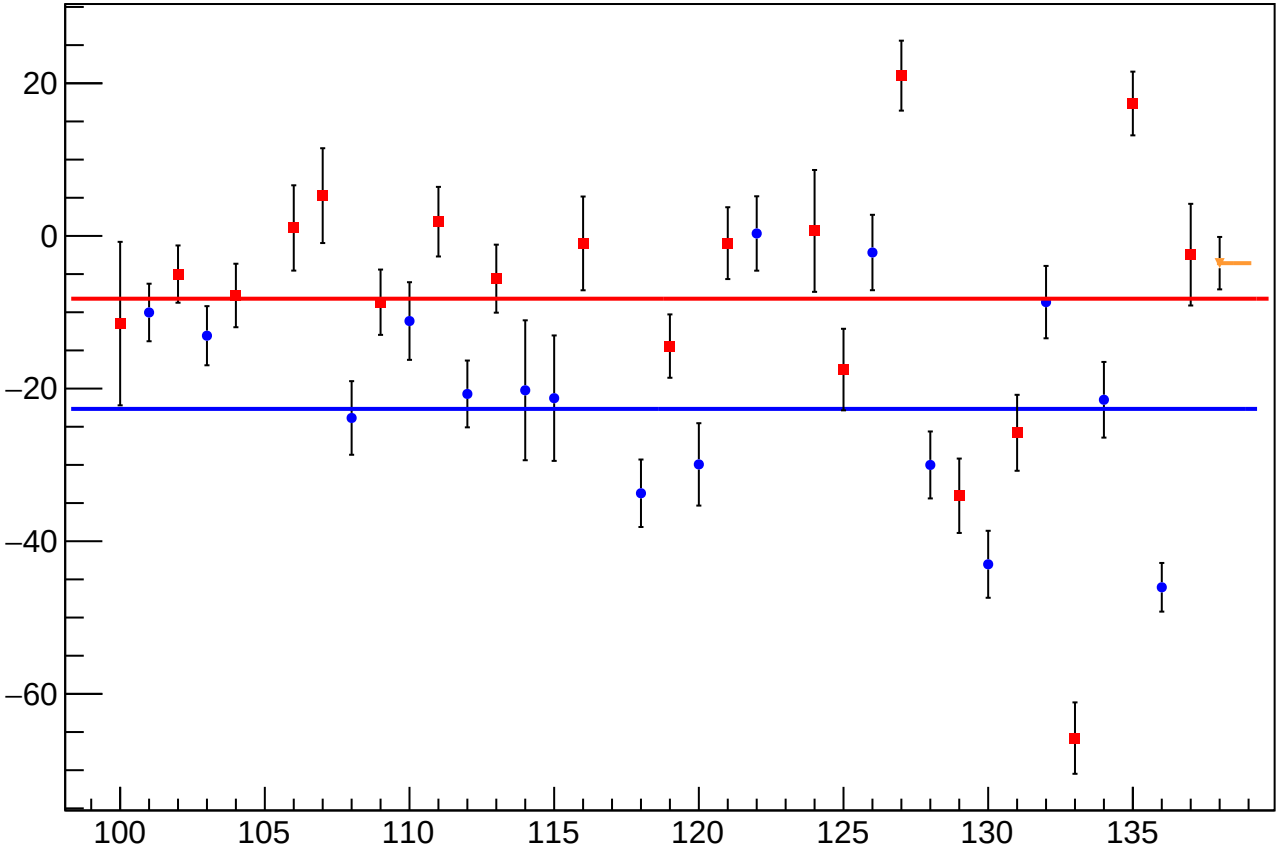
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1817.531+/-0.456 χ^2/NDF: 94296.5/16

All: 1816.197+/-0.327 χ^2/NDF: 185052.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -22.663+/-1.152 χ^2/NDF: 157.2/15

Left Out: -3.568+/-3.435 χ^2/NDF:0.0/0

Right Out: -8.224+/-1.129 χ^2/NDF: 294.8/18

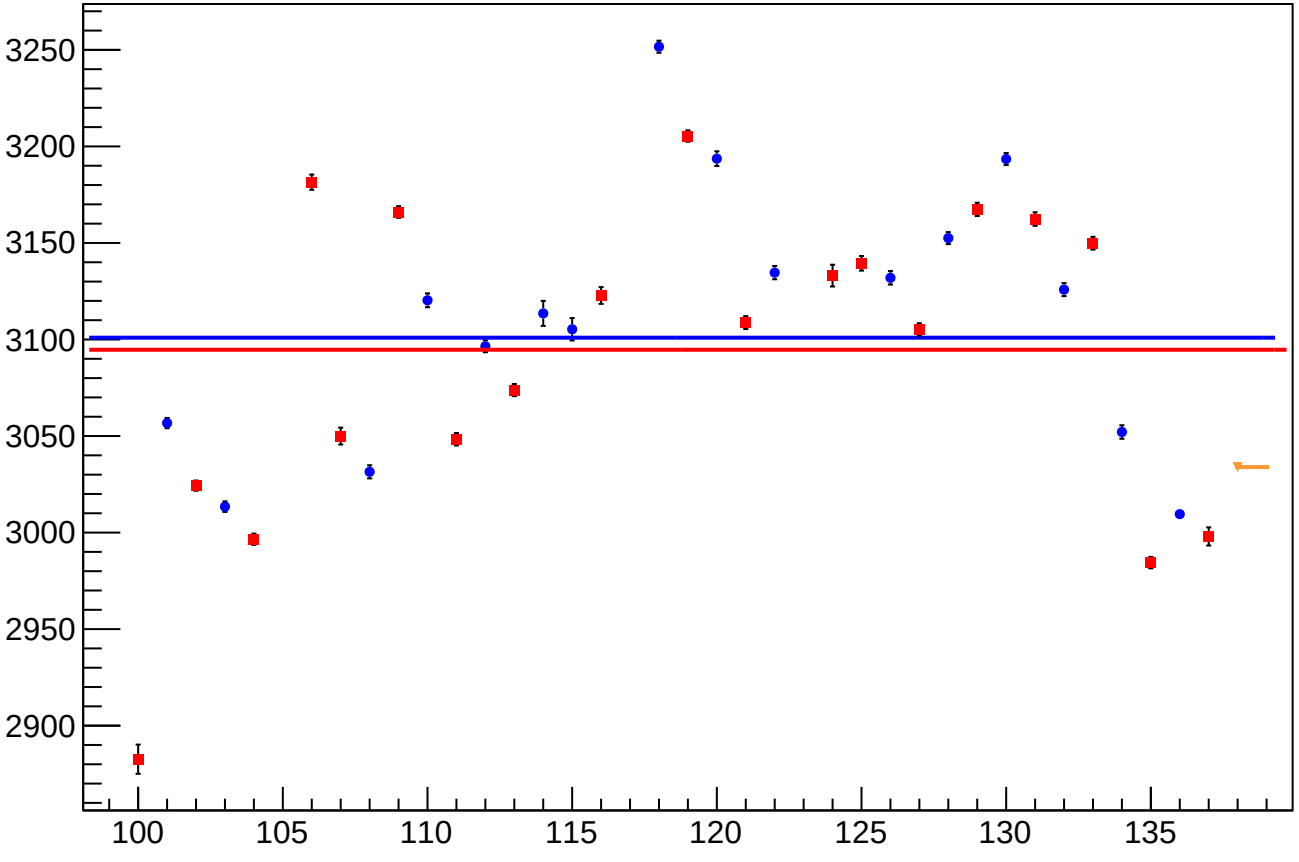
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -20.732+/-1.092 χ^2/NDF: 185.0/16

All: -14.684+/-0.785 χ^2/NDF: 543.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l01X_rms vs Slug



Right In: 3100.940+/-0.815 χ^2/NDF: 7893.7/15

Left Out: 3033.925+/-2.429 χ^2/NDF:0.0/0

Right Out: 3094.688+/-0.798 χ^2/NDF: 8584.4/18

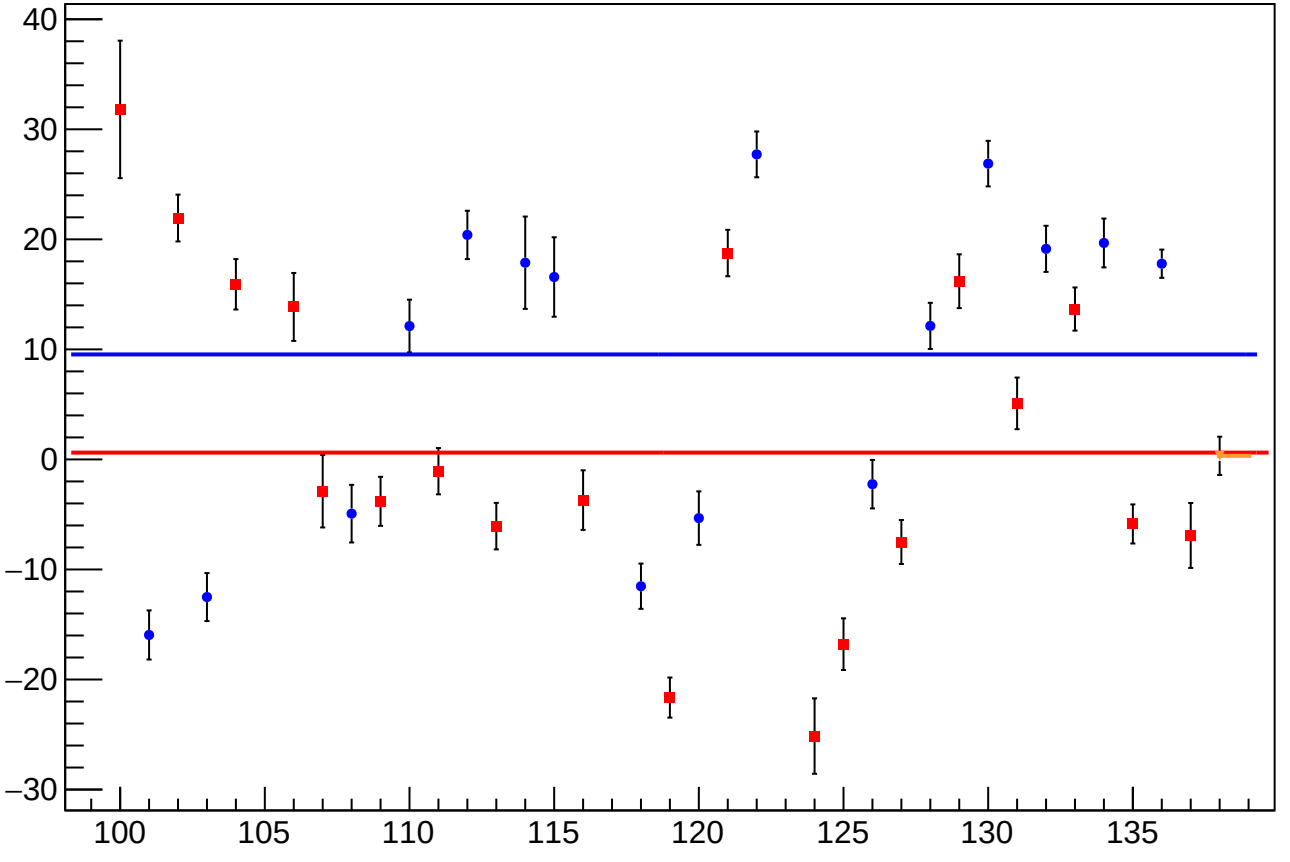
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 3094.165+/-0.772 χ^2/NDF: 8578.1/16

All: 3094.418+/-0.555 χ^2/NDF: 17162.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 9.540+/-0.541 χ^2/NDF: 698.7/15

Left Out: 0.327+/-1.738 χ^2/NDF:0.0/0

Right Out: 0.620+/-0.534 χ^2/NDF: 665.8/18

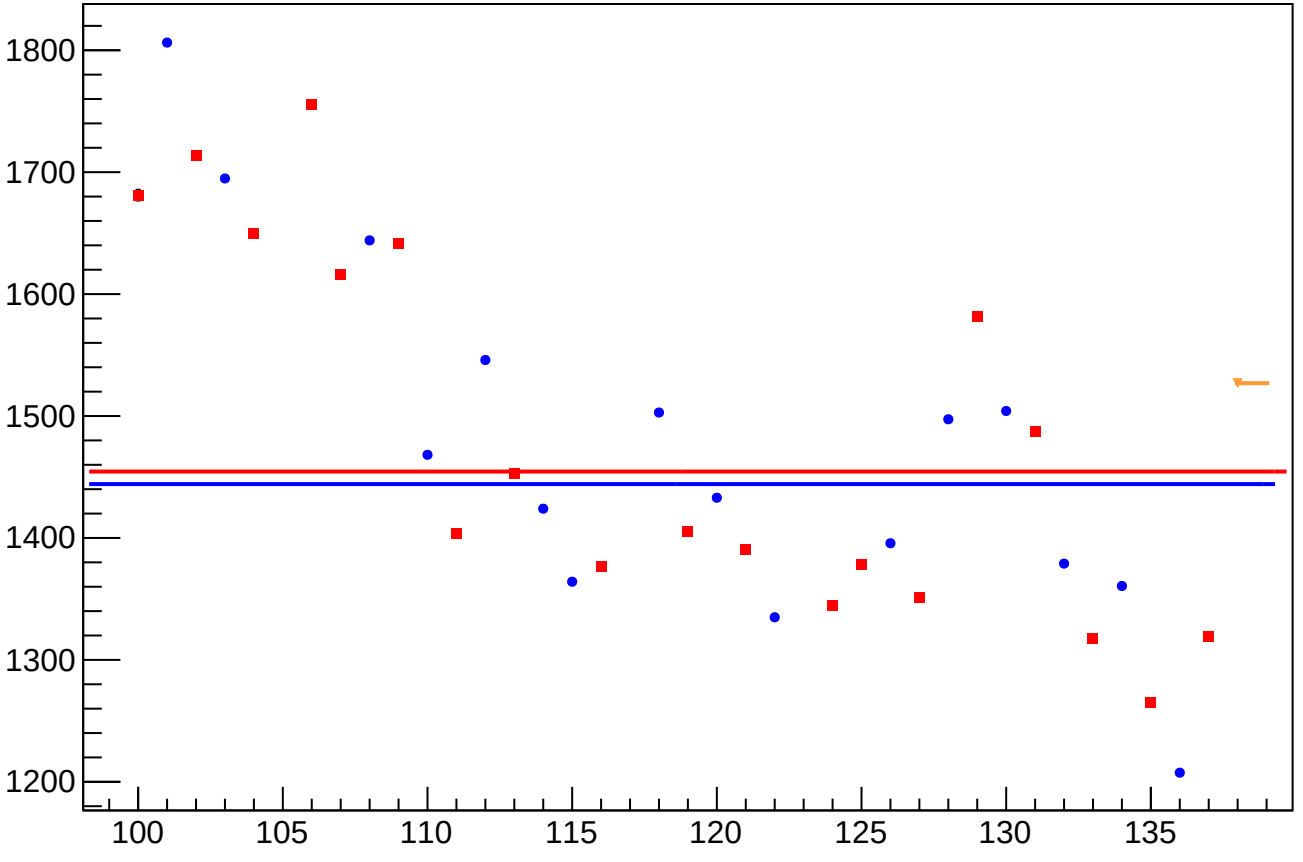
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.725+/-0.517 χ^2/NDF: 724.4/16

All: 4.806+/-0.371 χ^2/NDF: 1509.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1444.188+/-0.383 χ^2/NDF: 180147.9/15

Left Out: 1526.927+/-1.229 χ^2/NDF:0.0/0

Right Out: 1454.470+/-0.378 χ^2/NDF: 142772.9/18

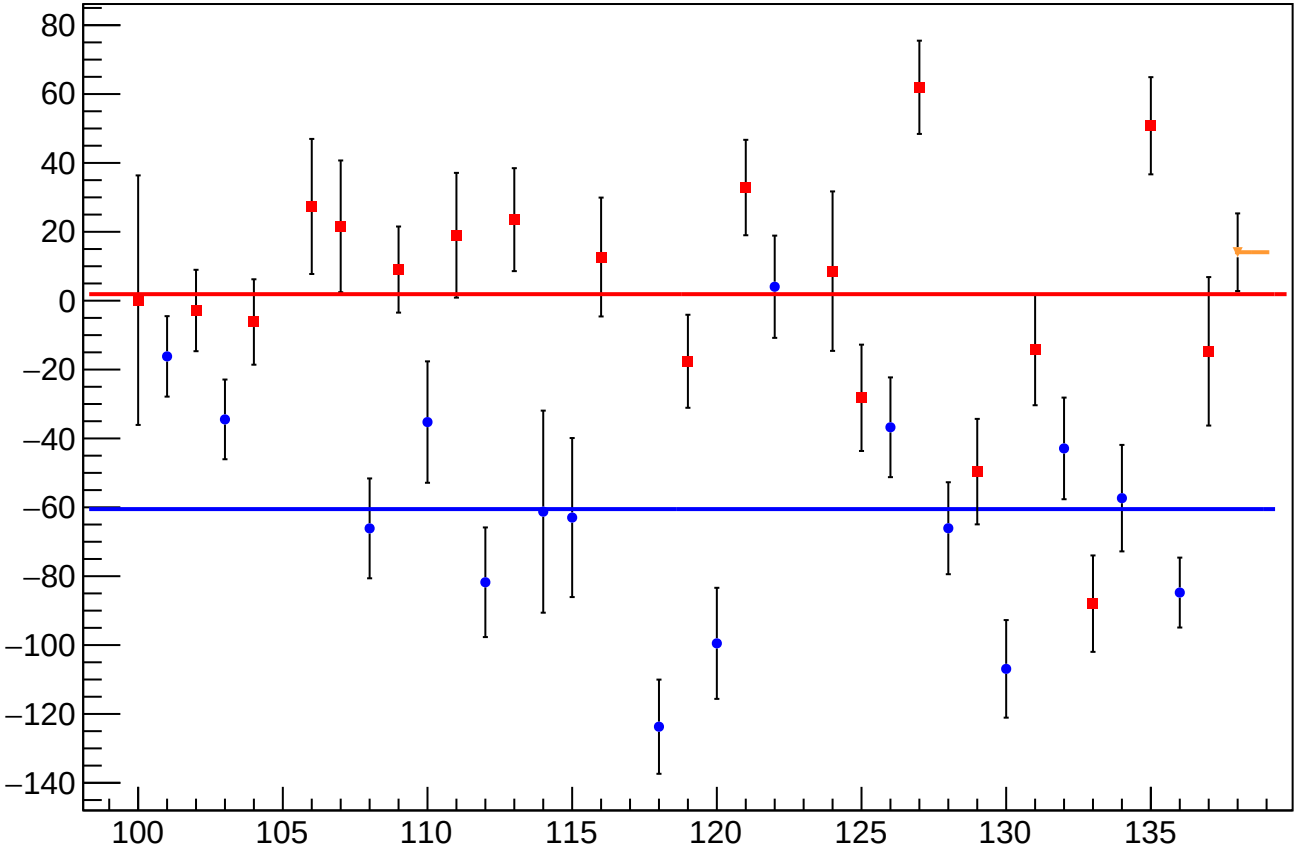
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1451.507+/-0.365 χ^2/NDF: 184281.6/16

All: 1452.940+/-0.263 χ^2/NDF: 327086.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -60.516+/-3.596 χ^2/NDF: 90.3/15

Left Out: 14.073+/-11.272 χ^2/NDF:0.0/0

Right Out: 1.894+/-3.543 χ^2/NDF: 103.8/18

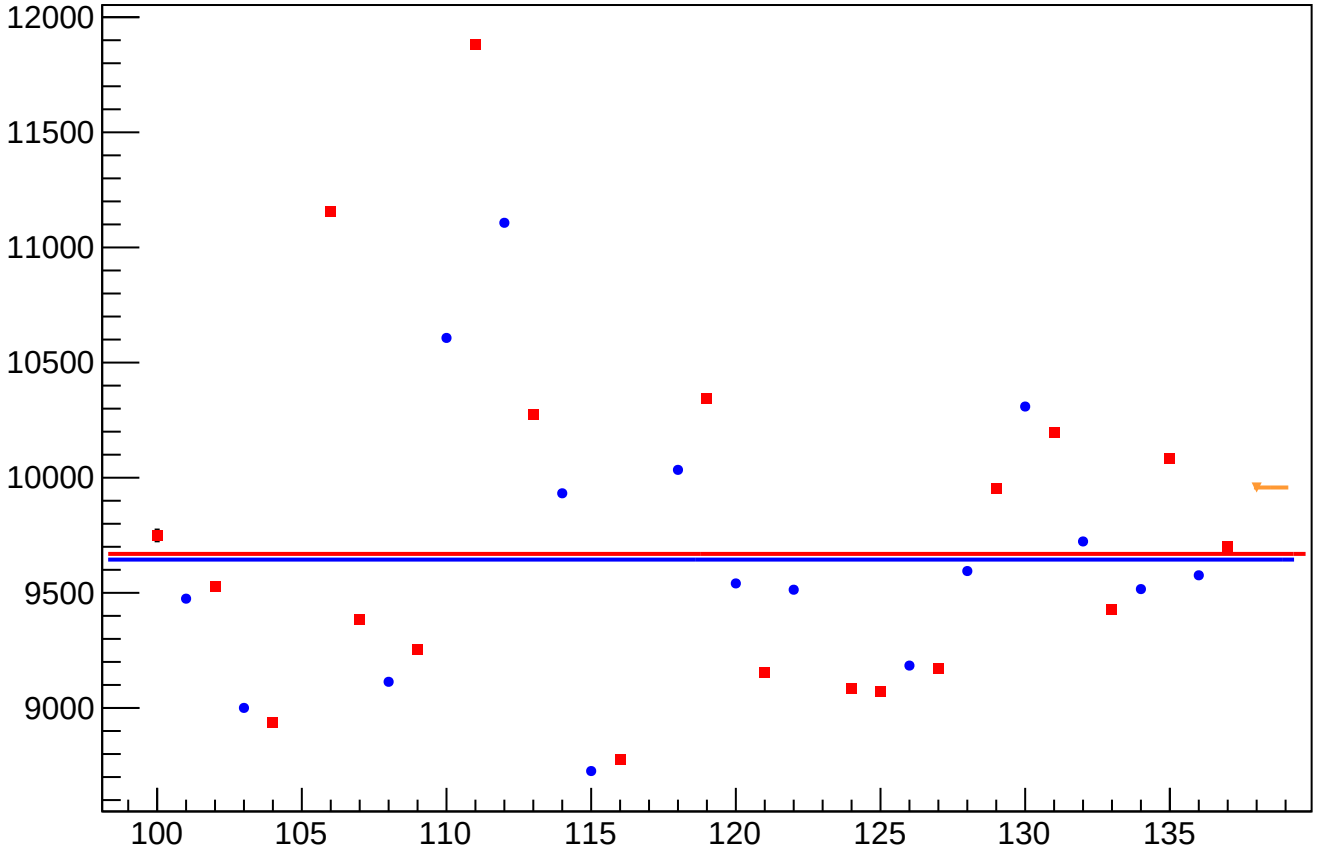
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -53.626+/-3.426 χ^2/NDF: 130.1/16

All: -26.796+/-2.463 χ^2/NDF: 360.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l02X_rms vs Slug



Right In: 9644.396+/-2.543 χ^2/NDF: 44101.6/15

Left Out: 9957.533+/-7.971 χ^2/NDF:0.0/0

Right Out: 9669.136+/-2.505 χ^2/NDF: 79878.1/18

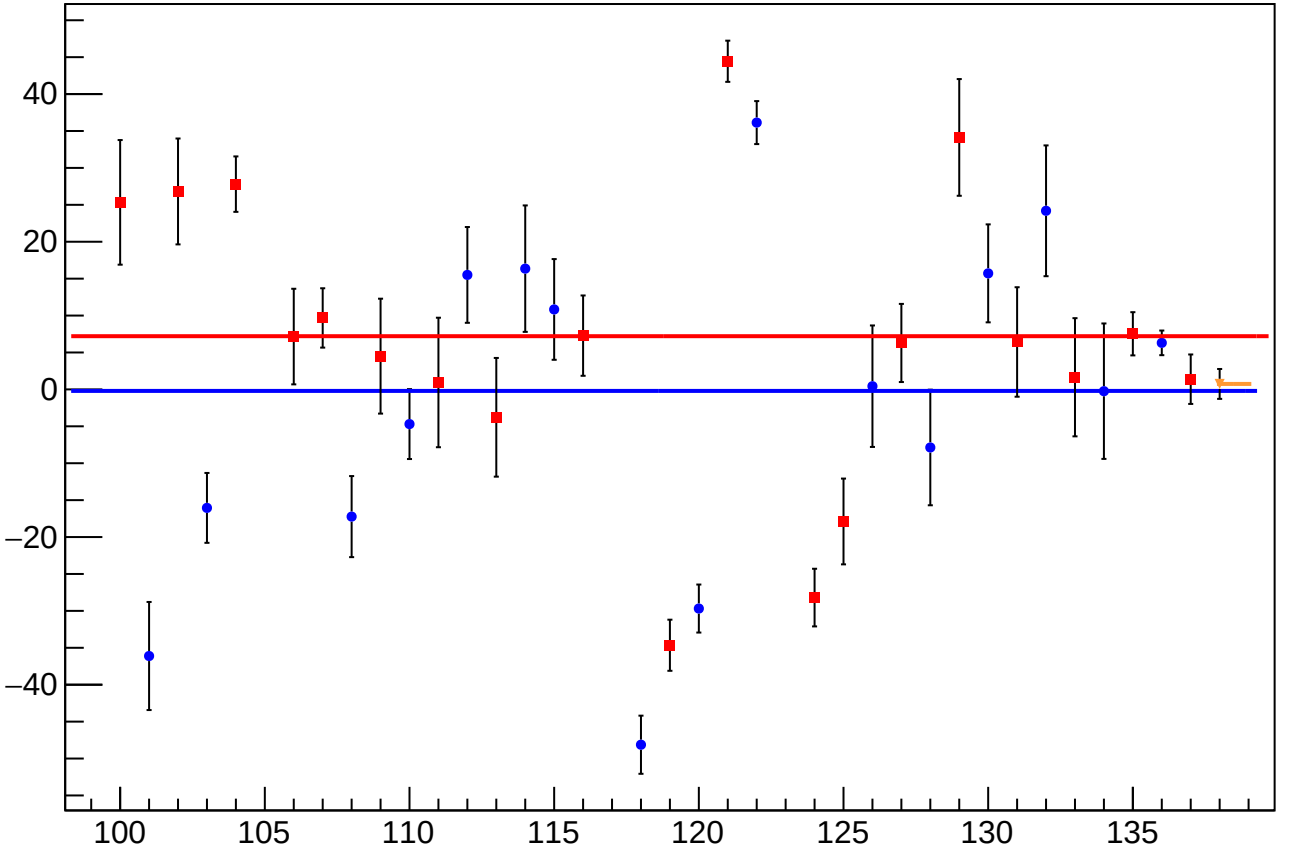
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9673.323+/-2.423 χ^2/NDF: 45502.3/16

All: 9671.300+/-1.742 χ^2/NDF: 125381.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -0.206+/-1.045 χ^2/NDF: 473.7/15

Left Out: 0.740+/-2.025 χ^2/NDF:0.0/0

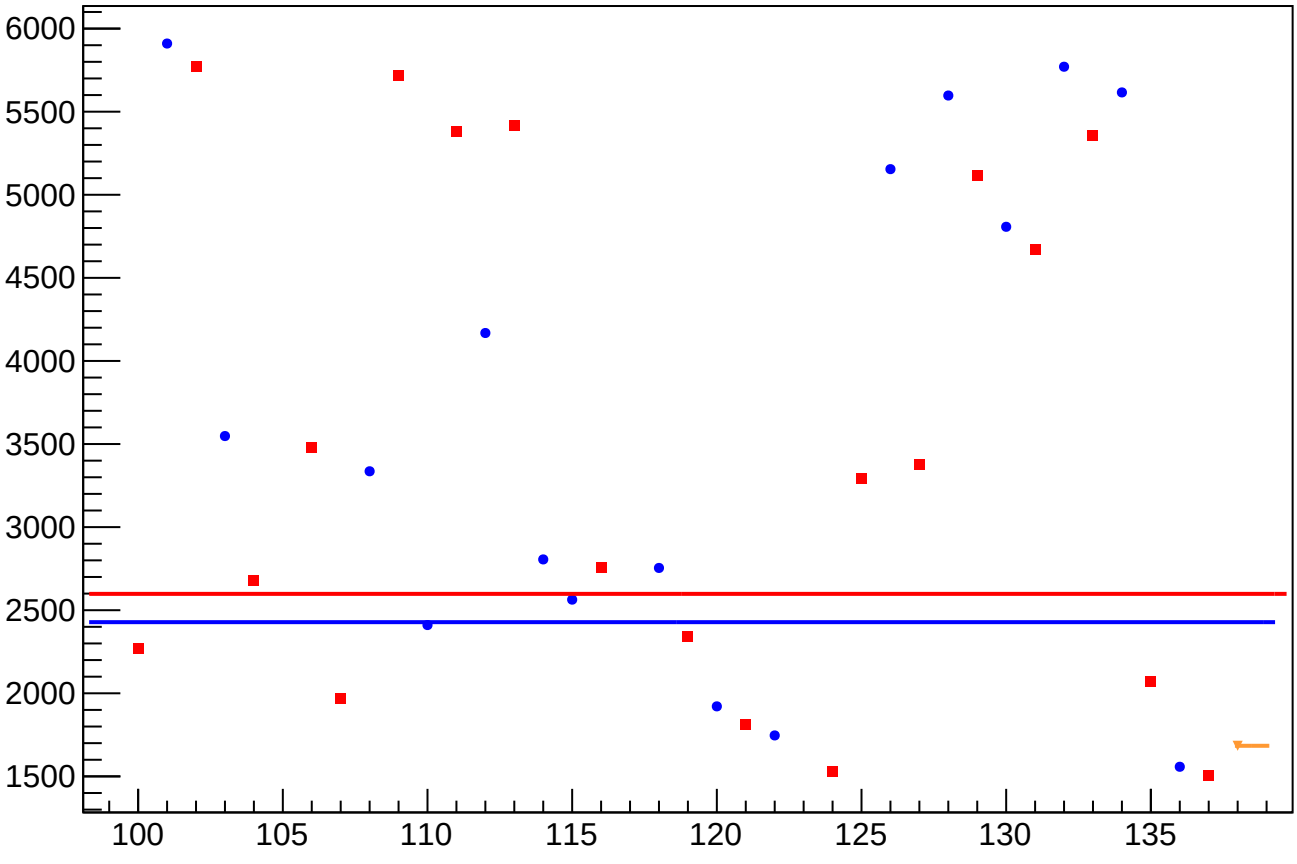
Right Out: 7.206+/-1.074 χ^2/NDF: 485.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.007+/-0.929 χ^2/NDF: 473.9/16

All: 3.081+/-0.702 χ^2/NDF: 985.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2428.080+/-0.739 χ^2/NDF: 2815335.2/15

Left Out: 1684.124+/-1.432 χ^2/NDF:0.0/0

Right Out: 2598.321+/-0.759 χ^2/NDF: 2514932.7/18

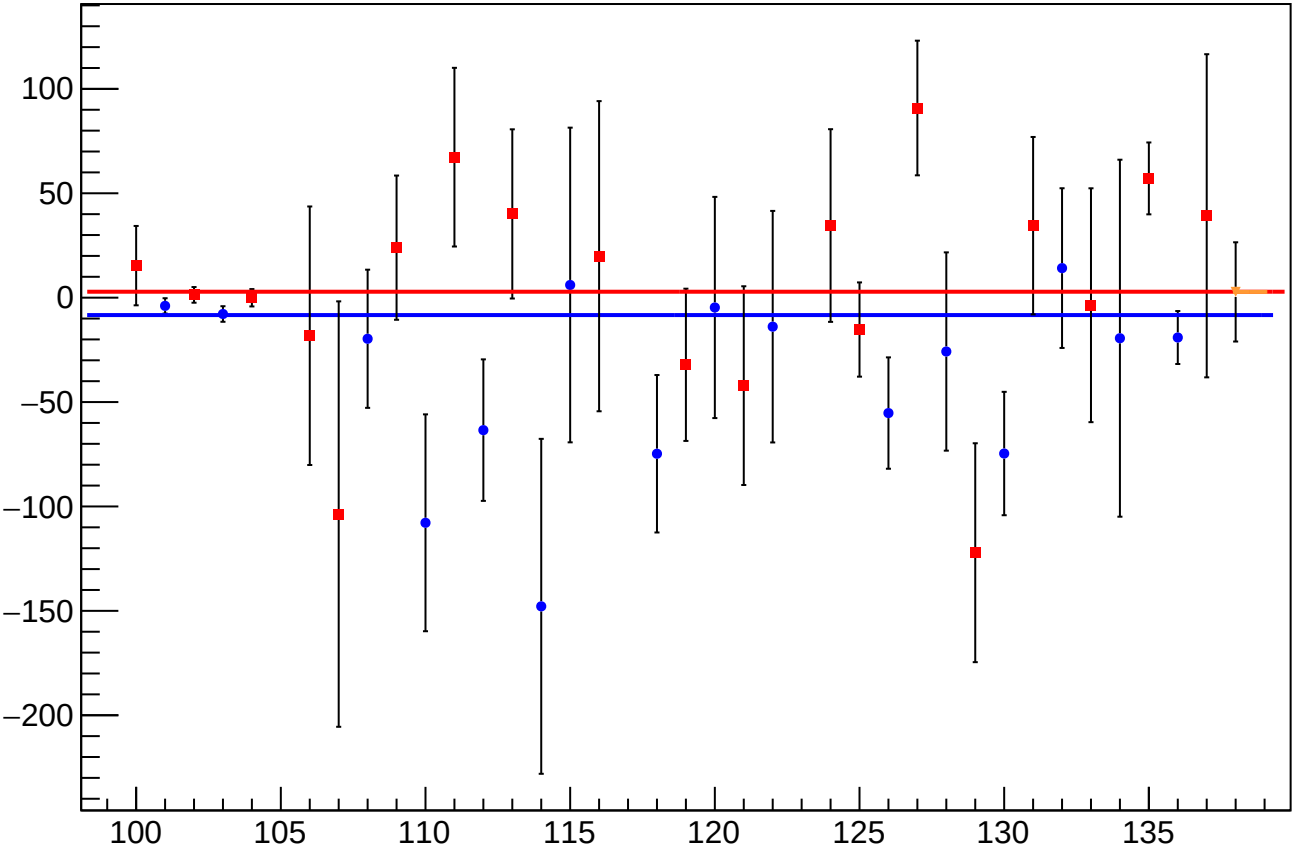
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2271.480+/-0.657 χ^2/NDF: 3028562.7/16

All: 2411.391+/-0.497 χ^2/NDF: 5649503.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l03X_mean vs Slug



Right In: -8.332+/-2.499 χ^2/NDF: 23.4/15

Left Out: 2.760+/-23.765 χ^2/NDF:0.0/0

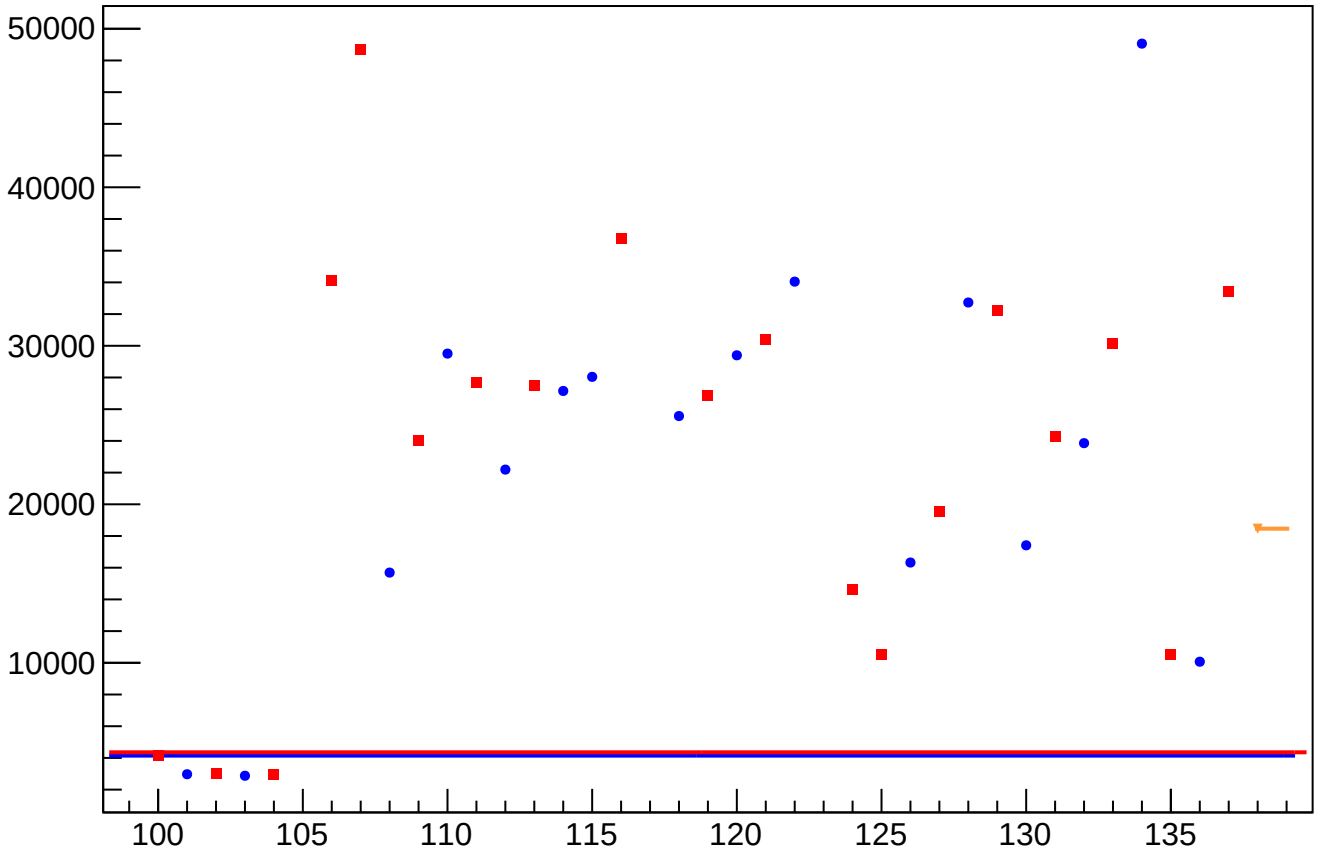
Right Out: 2.848+/-2.640 χ^2/NDF: 32.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.211+/-2.486 χ^2/NDF: 23.6/16

All: -3.013+/-1.810 χ^2/NDF: 65.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4145.795+/-1.767 χ^2/NDF: 6836950.5/15

Left Out: 18462.209+/-16.804 χ^2/NDF:0.0/0

Right Out: 4354.437+/-1.866 χ^2/NDF: 7624762.5/18

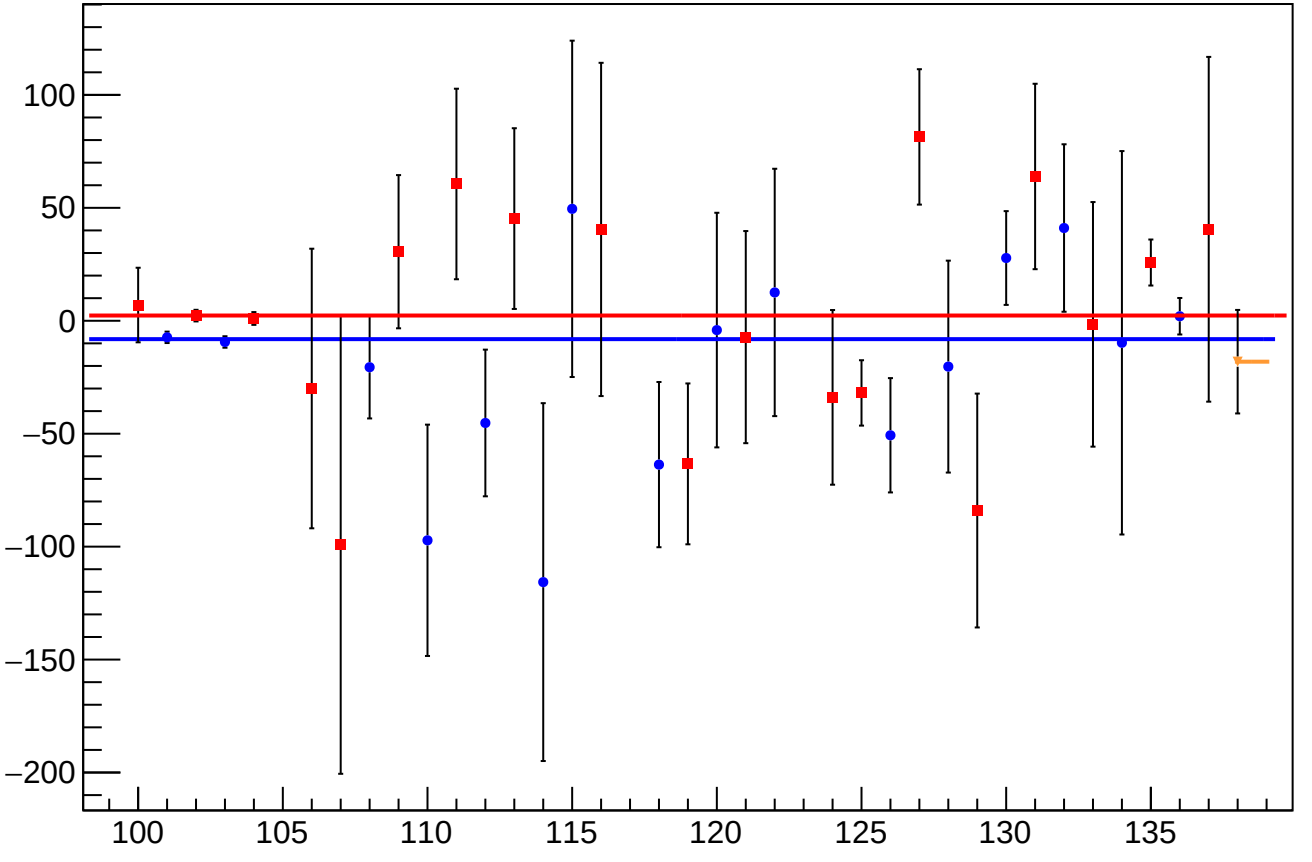
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4302.415+/-1.758 χ^2/NDF: 7554824.9/16

All: 4326.865+/-1.280 χ^2/NDF: 15179999.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.132+/-1.720 χ^2/NDF: 19.1/15

Left Out: -18.113+/-22.913 χ^2/NDF:0.0/0

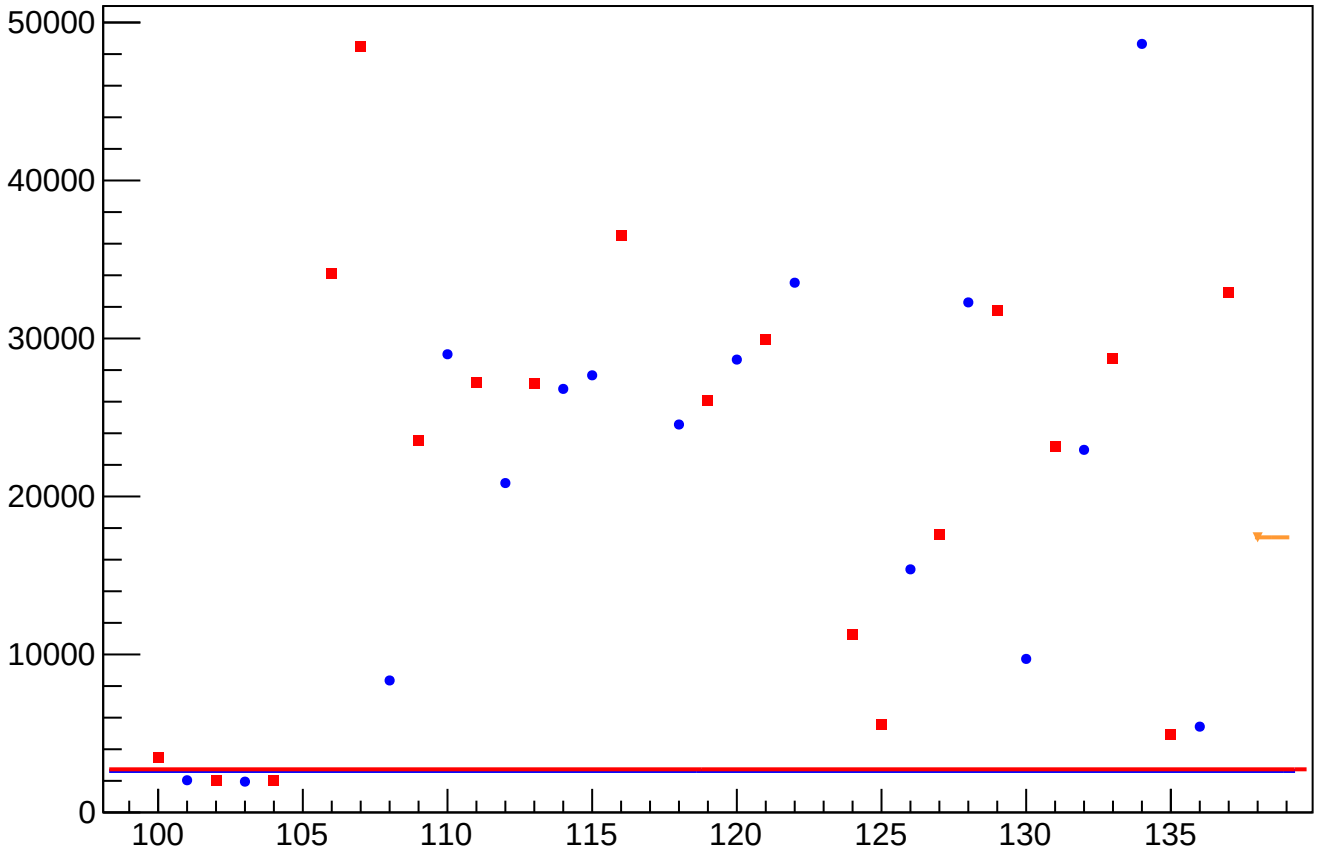
Right Out: 2.325+/-1.822 χ^2/NDF: 33.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.188+/-1.716 χ^2/NDF: 19.3/16

All: -3.247+/-1.249 χ^2/NDF: 70.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2626.430+/-1.216 χ^2/NDF: 6780884.6/15

Left Out: 17413.135+/-16.202 χ^2/NDF:0.0/0

Right Out: 2730.235+/-1.288 χ^2/NDF: 7985984.4/18

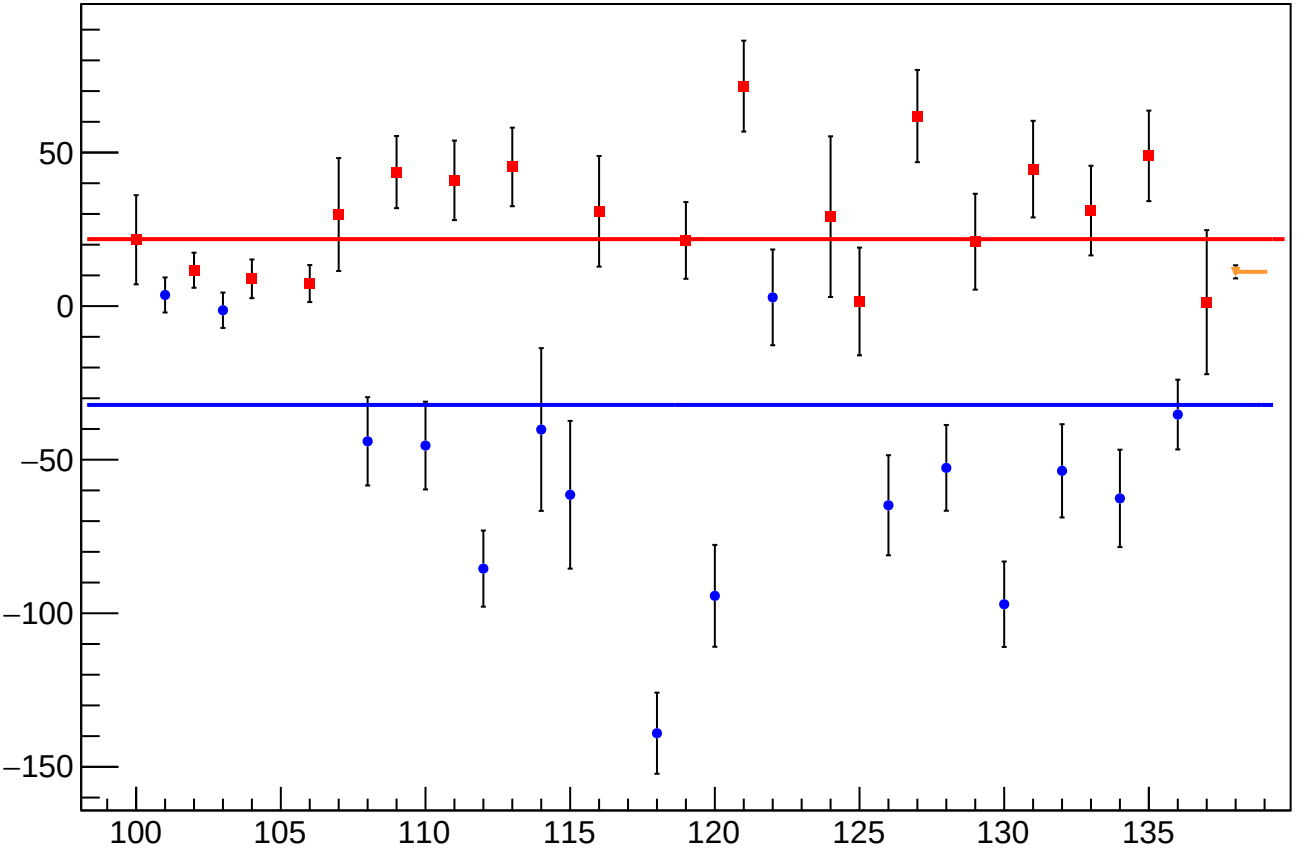
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 2709.320+/-1.213 χ^2/NDF: 7609111.6/16

All: 2719.151+/-0.883 χ^2/NDF: 15595235.7/3

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -32.171+/-2.842 χ^2/NDF: 207.8/15

Left Out: 11.154+/-2.145 χ^2/NDF:0.0/0

Right Out: 21.801+/-2.557 χ^2/NDF: 49.1/18

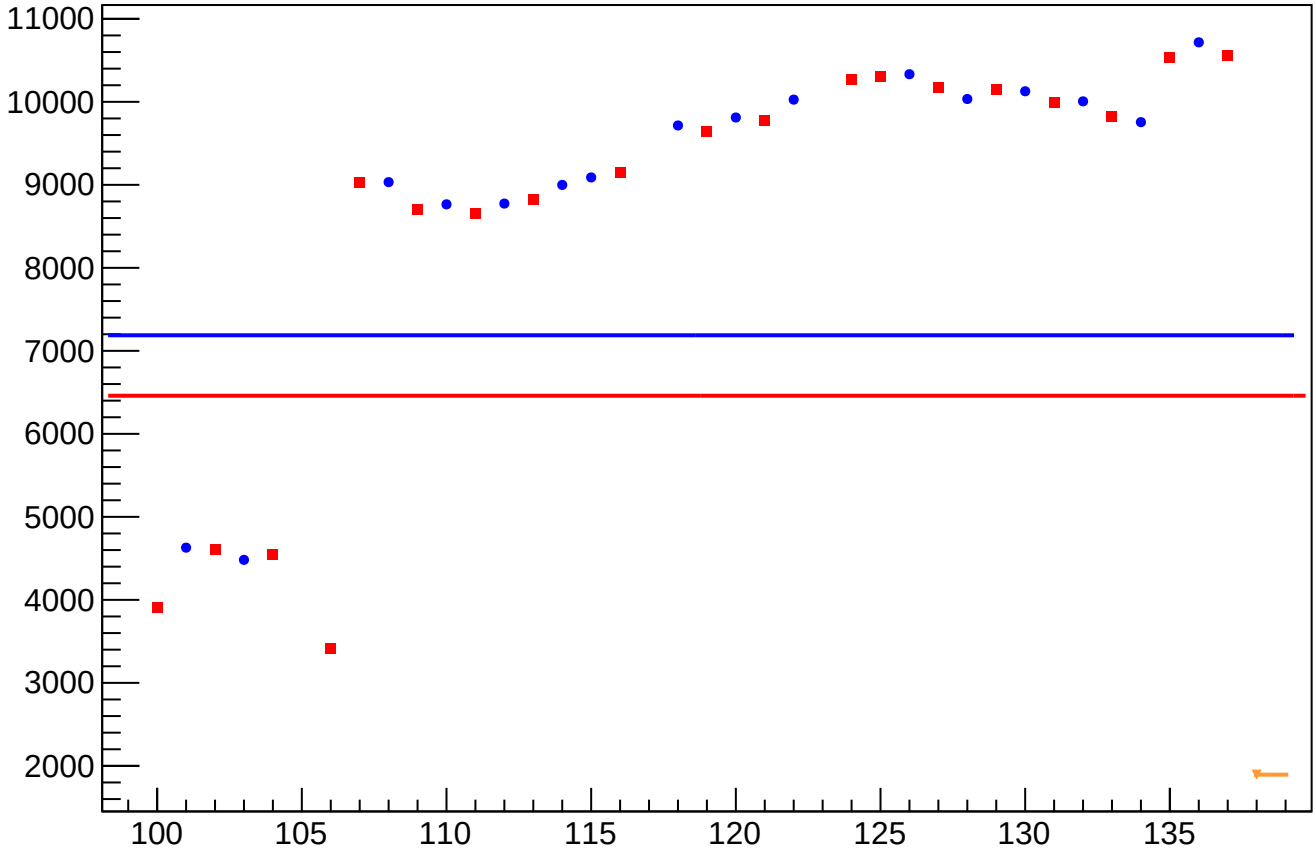
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.572+/-1.712 χ^2/NDF: 355.8/16

All: 3.590+/-1.423 χ^2/NDF: 478.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 7187.494+/-2.009 χ^2/NDF: 1705887.0/15

Left Out: 1893.951+/-1.517 χ^2/NDF:0.0/0

Right Out: 6459.323+/-1.808 χ^2/NDF: 2276337.9/18

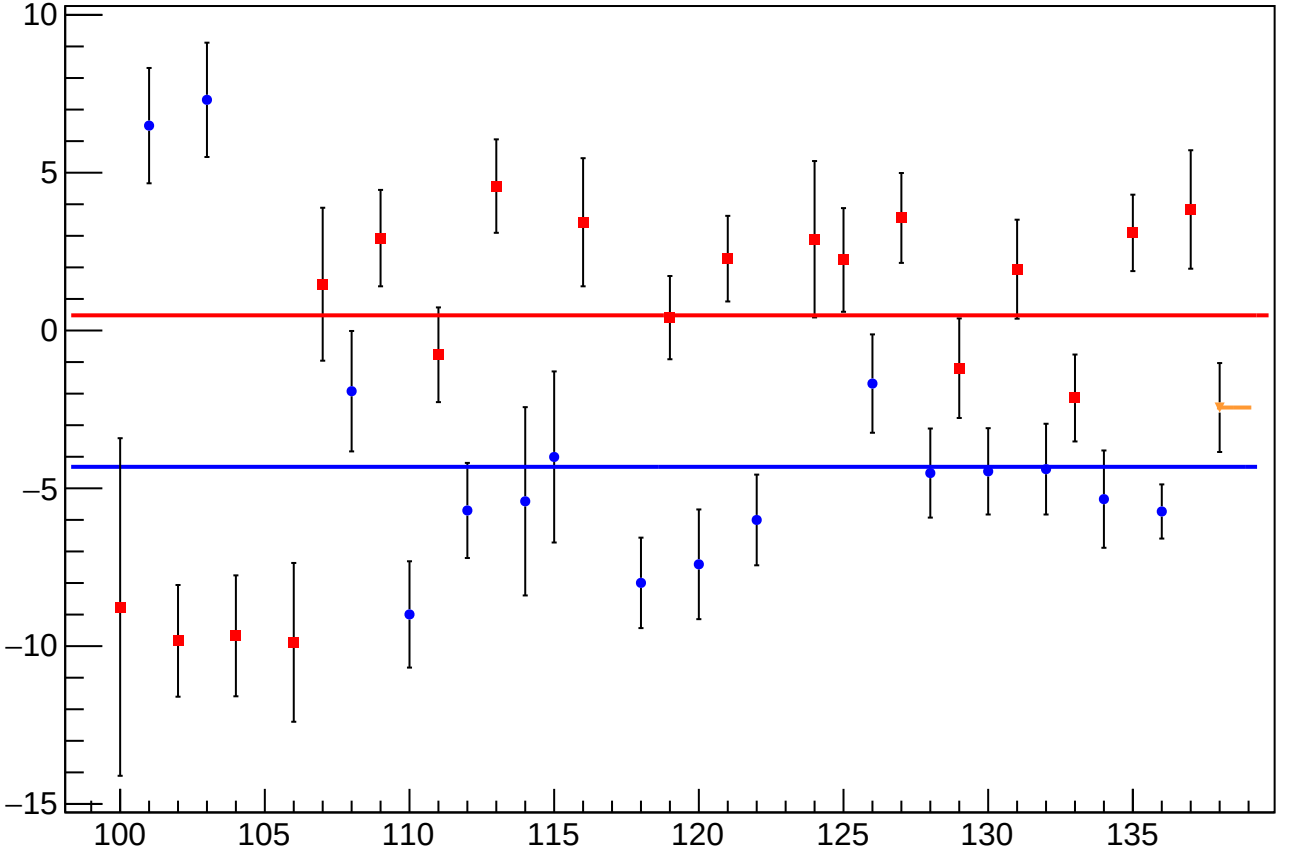
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3815.341+/-1.211 χ^2/NDF: 6126671.2/16

All: 4633.633+/-1.006 χ^2/NDF: 9879201.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l04Y_mean vs Slug



Right In: -4.319+/-0.380 χ^2/NDF: 103.7/15

Left Out: -2.440+/-1.409 χ^2/NDF:0.0/0

Right Out: 0.481+/-0.379 χ^2/NDF: 117.2/18

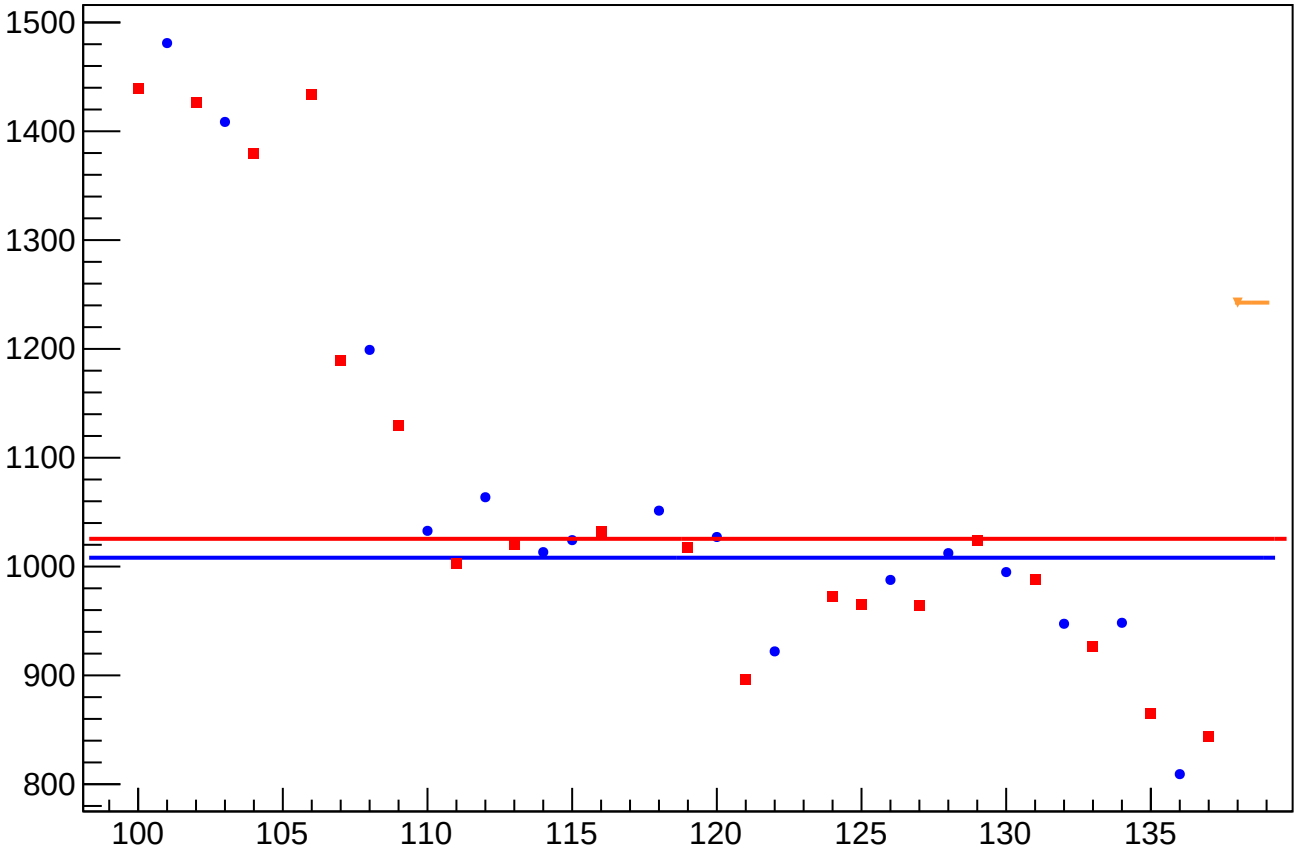
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -4.192+/-0.367 χ^2/NDF: 105.3/16

All: -1.931+/-0.263 χ^2/NDF: 301.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l04Y_rms vs Slug



Right In: 1008.116+/-0.269 χ^2/NDF: 378836.2/15

Left Out: 1242.555+/-0.996 χ^2/NDF:0.0/0

Right Out: 1025.486+/-0.268 χ^2/NDF: 345991.2/18

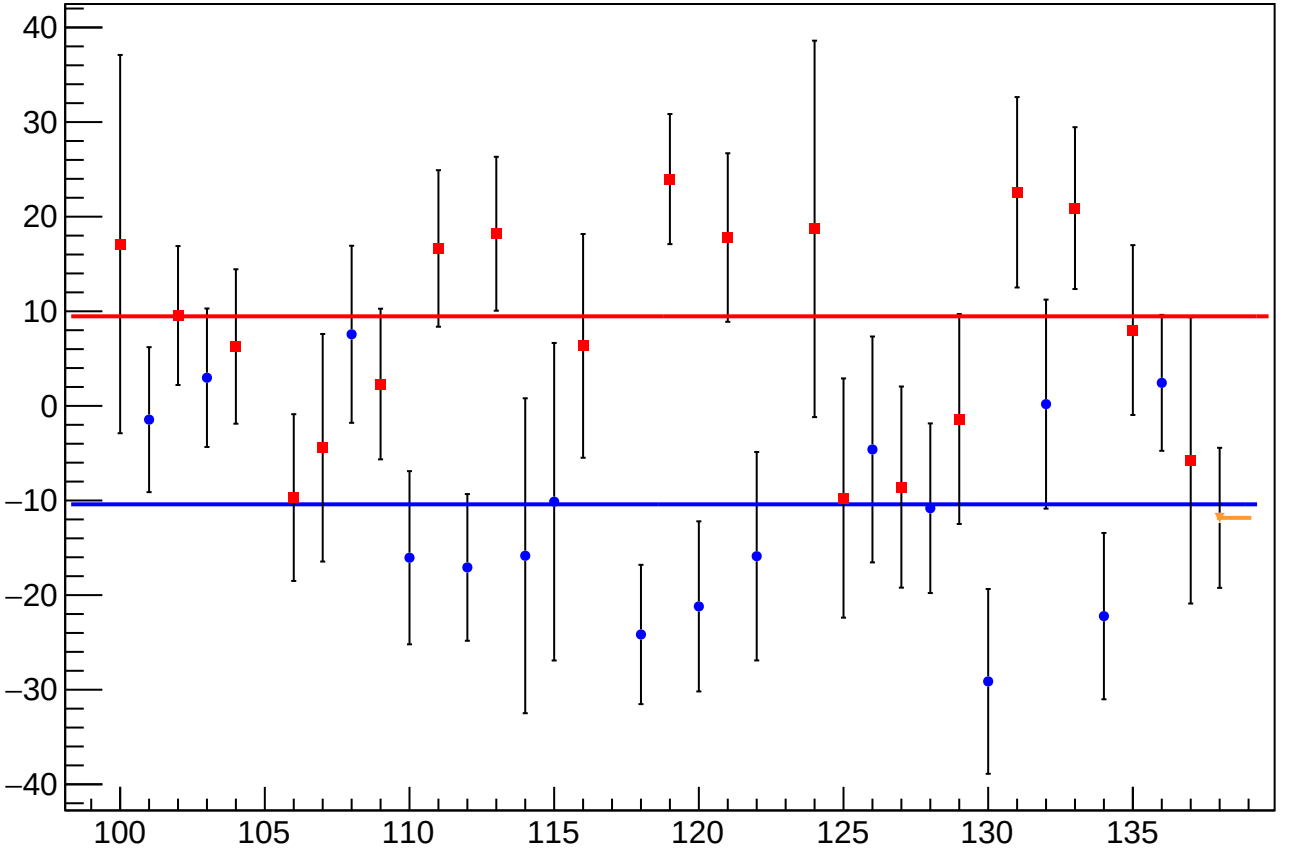
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1023.990+/-0.259 χ^2/NDF: 430451.8/16

All: 1024.714+/-0.186 χ^2/NDF: 776459.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -10.404+/-2.280 χ^2/NDF: 24.6/15

Left Out: -11.834+/-7.402 χ^2/NDF:0.0/0

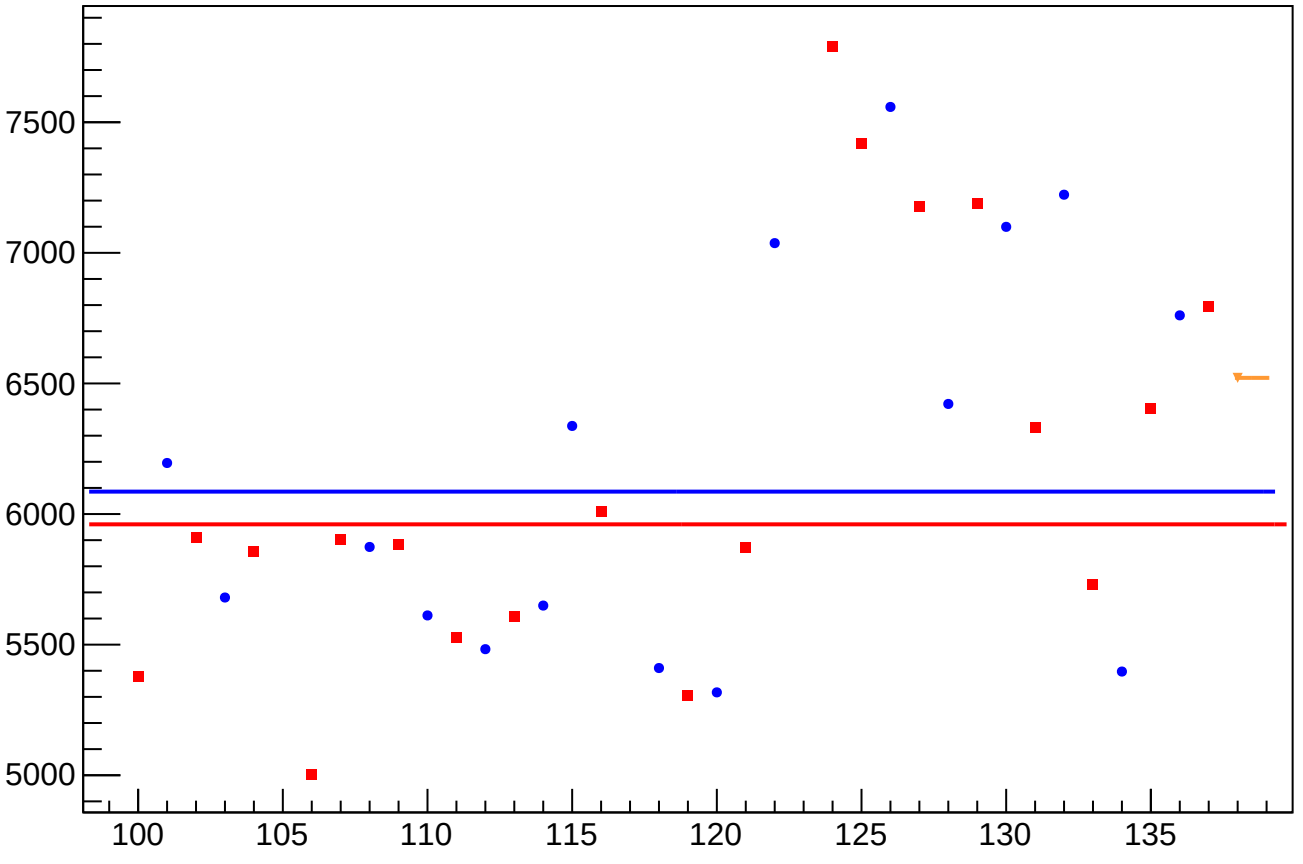
Right Out: 9.467+/-2.191 χ^2/NDF: 25.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -10.528+/-2.179 χ^2/NDF: 24.7/16

All: -0.585+/-1.545 χ^2/NDF: 91.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6085.873+/-1.612 χ^2/NDF: 179118.8/15

Left Out: 6521.368+/-5.234 χ^2/NDF:0.0/0

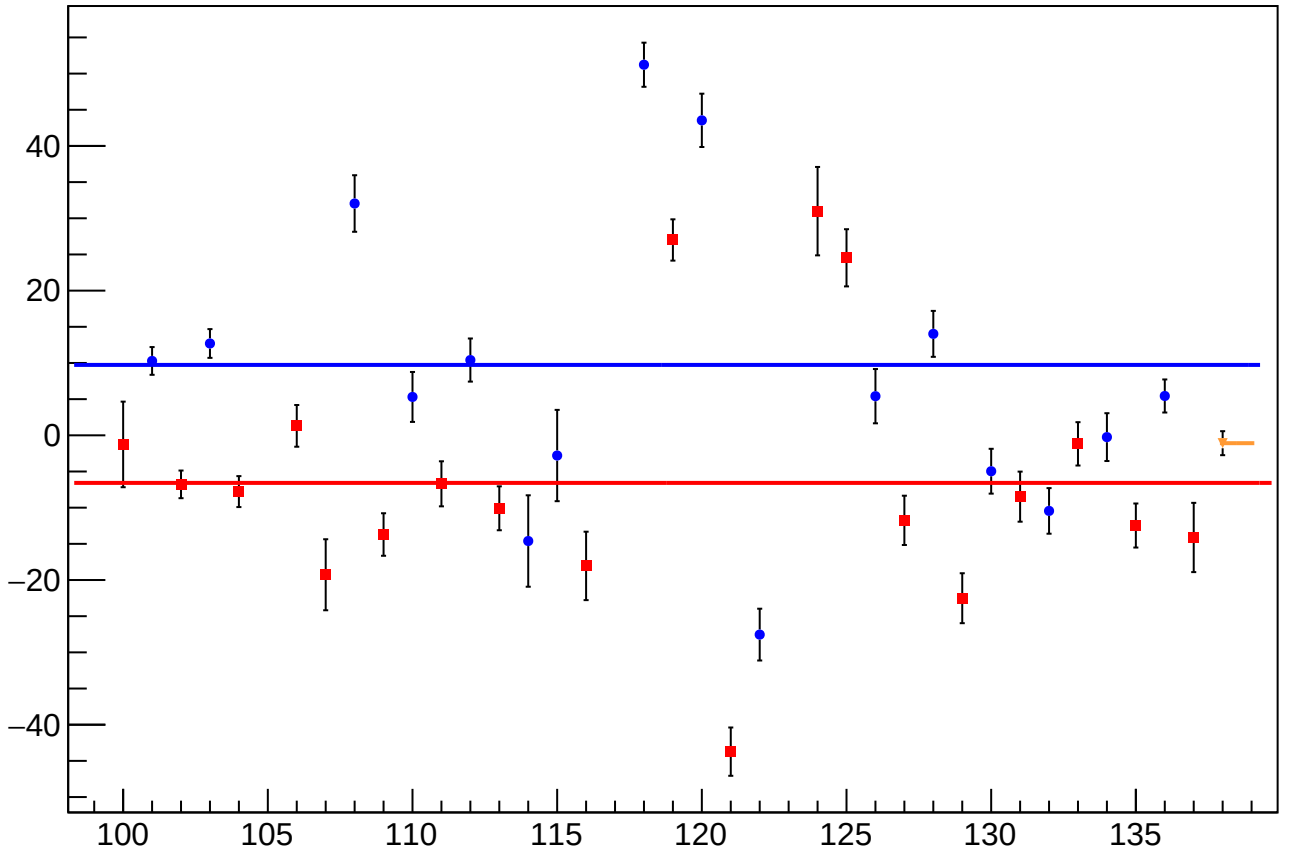
Right Out: 5960.613+/-1.549 χ^2/NDF: 162772.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6123.609+/-1.541 χ^2/NDF: 185441.4/16

All: 6042.555+/-1.092 χ^2/NDF: 353779.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 9.733+/-0.755 χ^2/NDF: 512.4/15

Left Out: -1.086+/-1.658 χ^2/NDF:0.0/0

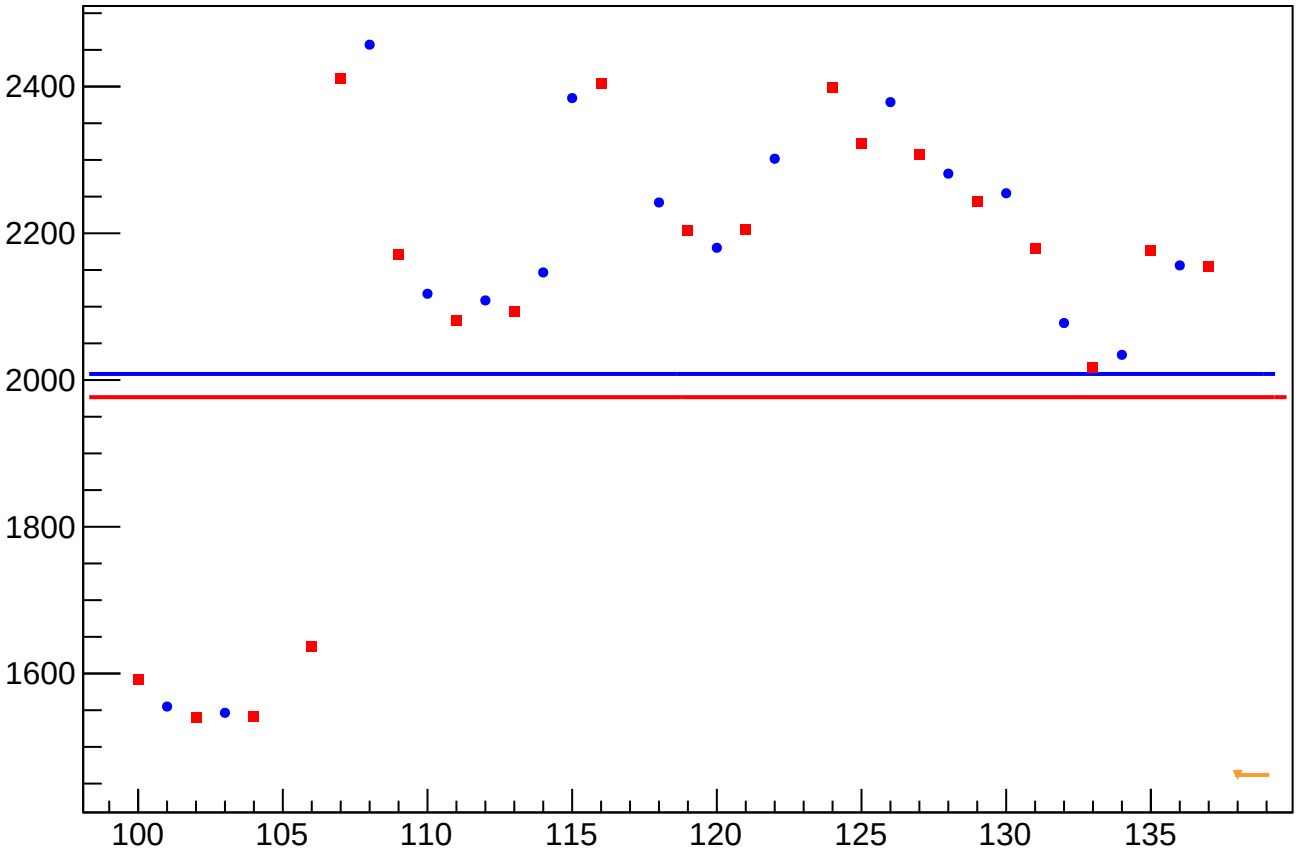
Right Out: -6.576+/-0.730 χ^2/NDF: 423.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.875+/-0.687 χ^2/NDF: 547.6/16

All: 1.090+/-0.500 χ^2/NDF: 1179.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2008.296+/-0.534 χ^2/NDF: 344387.2/15

Left Out: 1461.779+/-1.172 χ^2/NDF:0.0/0

Right Out: 1976.677+/-0.516 χ^2/NDF: 365375.1/18

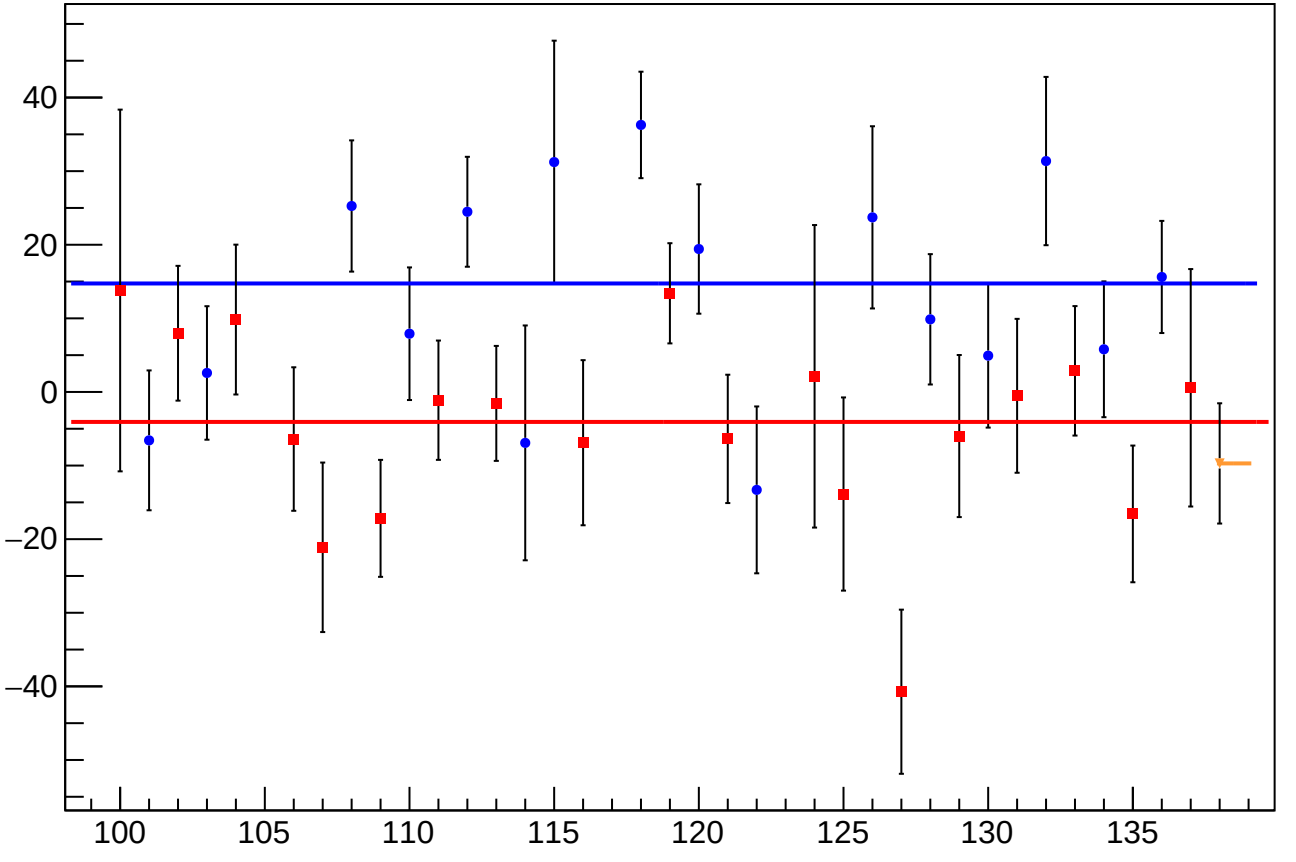
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1914.453+/-0.486 χ^2/NDF: 524369.4/16

All: 1943.667+/-0.354 χ^2/NDF: 897446.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 14.739+/-2.358 χ^2/NDF: 33.5/15

Left Out: -9.709+/-8.170 χ^2/NDF:0.0/0

Right Out: -4.072+/-2.274 χ^2/NDF: 30.2/18

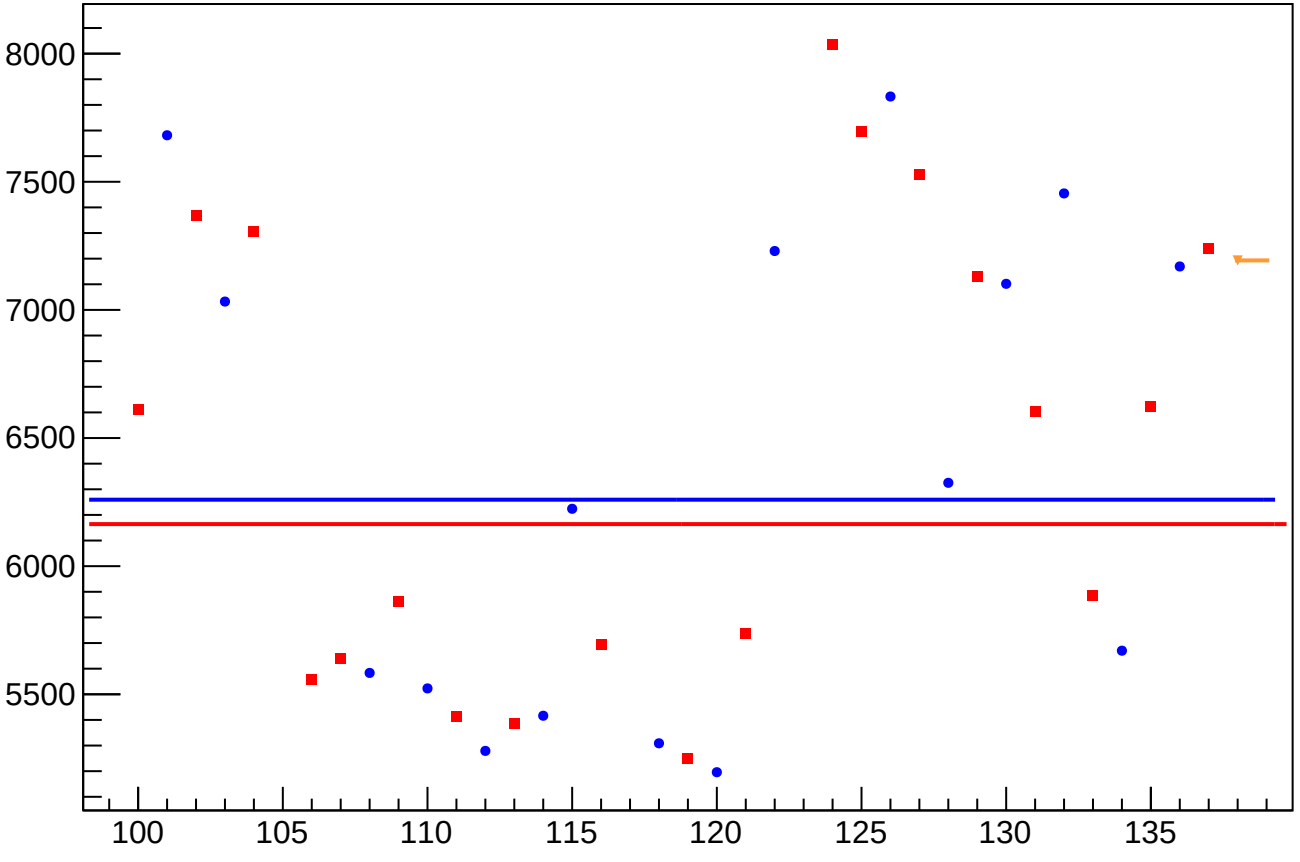
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.860+/-2.265 χ^2/NDF: 41.8/16

All: 4.426+/-1.605 χ^2/NDF: 99.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6259.416+/-1.667 χ^2/NDF: 308606.8/15

Left Out: 7193.173+/-5.777 χ^2/NDF:0.0/0

Right Out: 6164.140+/-1.608 χ^2/NDF: 265058.6/18

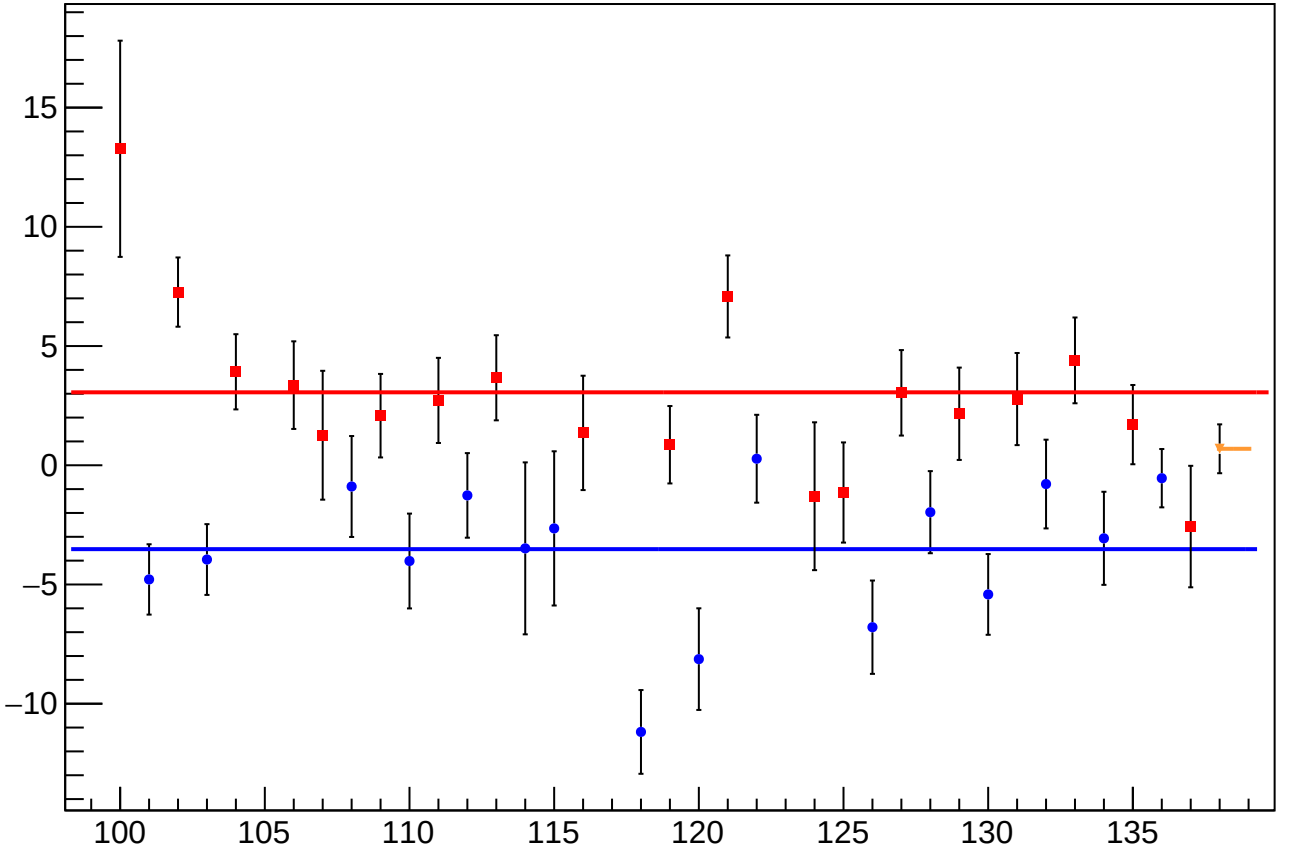
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6331.199+/-1.602 χ^2/NDF: 332724.4/16

All: 6247.985+/-1.135 χ^2/NDF: 603201.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -3.518+/-0.452 χ^2/NDF: 45.1/15

Left Out: 0.691+/-1.025 χ^2/NDF:0.0/0

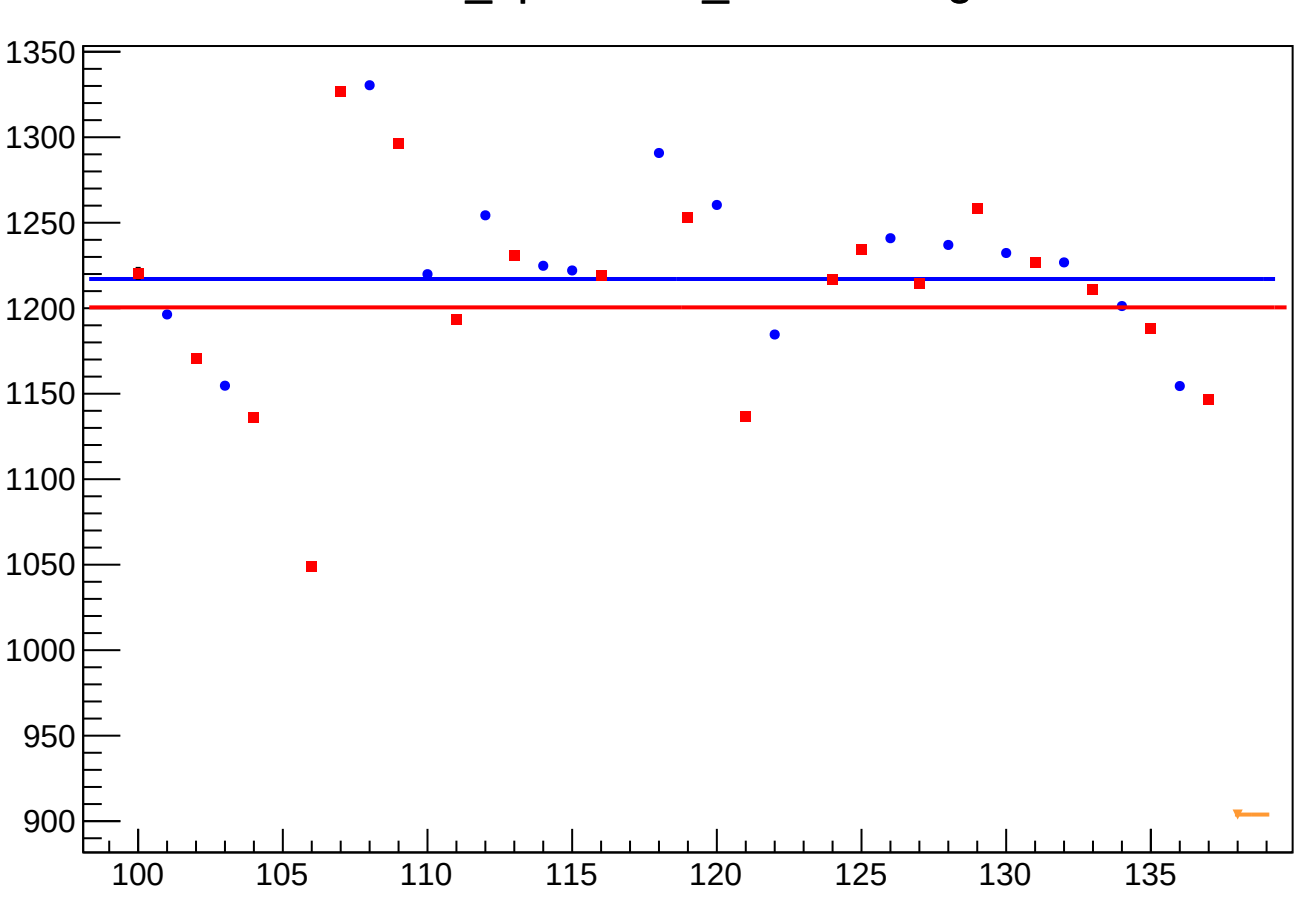
Right Out: 3.059+/-0.438 χ^2/NDF: 34.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.831+/-0.414 χ^2/NDF: 59.2/16

All: -0.055+/-0.301 χ^2/NDF: 189.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1217.094+/-0.320 χ^2/NDF: 21686.7/15

Left Out: 903.858+/-0.725 χ^2/NDF:0.0/0

Right Out: 1200.497+/-0.310 χ^2/NDF: 37654.3/18

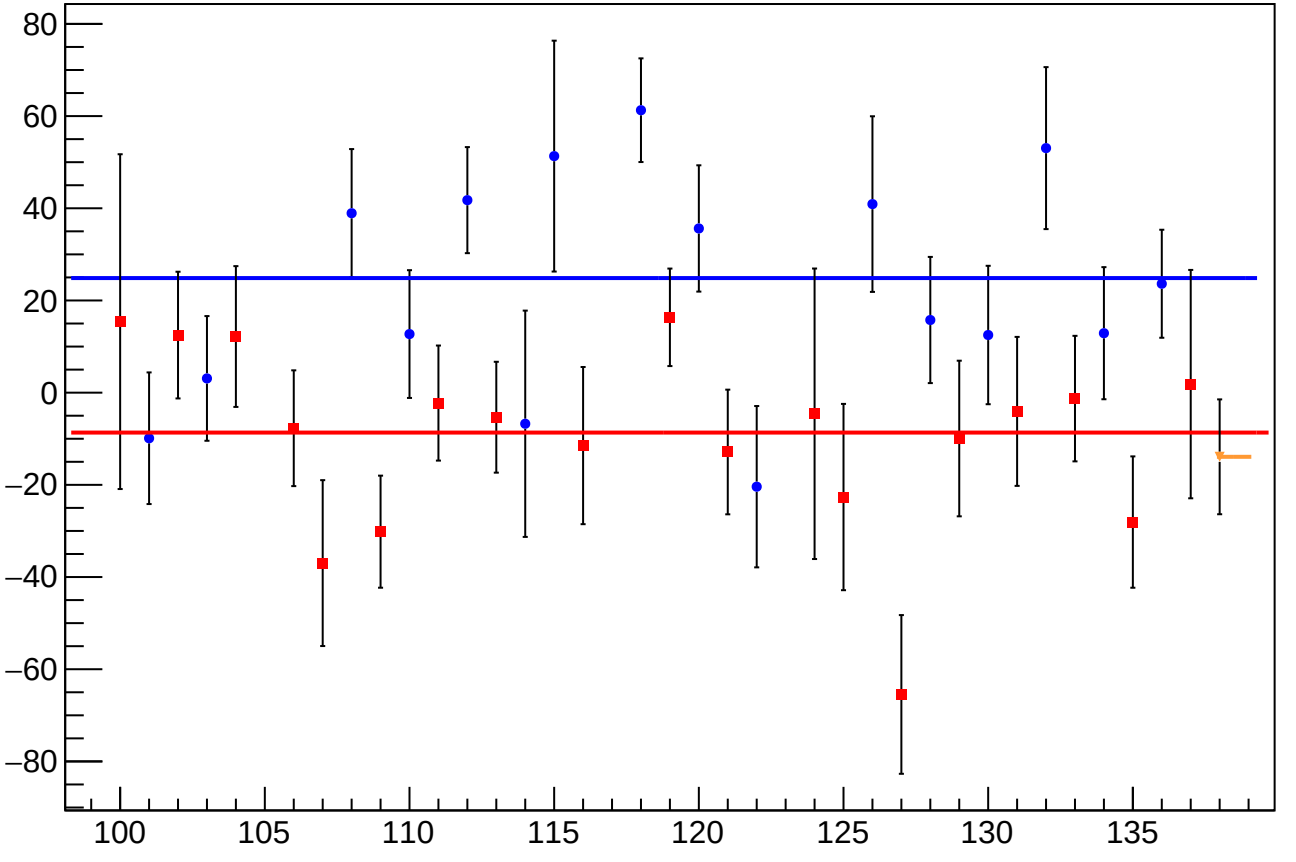
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1166.003+/-0.293 χ^2/NDF: 178067.9/16

All: 1182.260+/-0.213 χ^2/NDF: 222270.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 24.860+/-3.628 χ^2/NDF: 38.1/15

Left Out: -13.917+/-12.459 χ^2/NDF:0.0/0

Right Out: -8.658+/-3.454 χ^2/NDF: 30.1/18

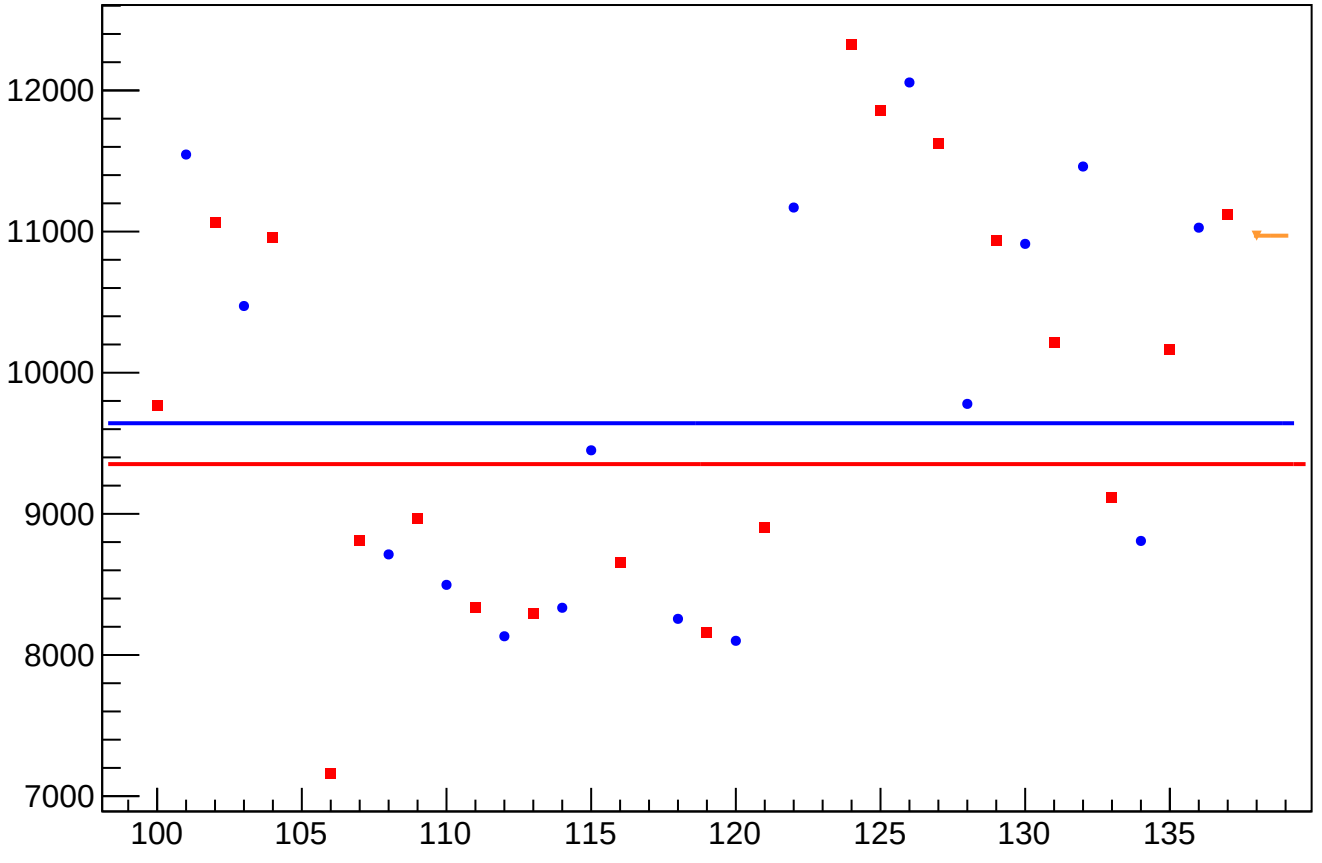
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.829+/-3.483 χ^2/NDF: 47.1/16

All: 6.455+/-2.453 χ^2/NDF: 115.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



Right In: 9642.075+/-2.565 χ^2/NDF: 279657.4/15

Left Out: 10970.937+/-8.810 χ^2/NDF:0.0/0

Right Out: 9352.503+/-2.442 χ^2/NDF: 301779.3/18

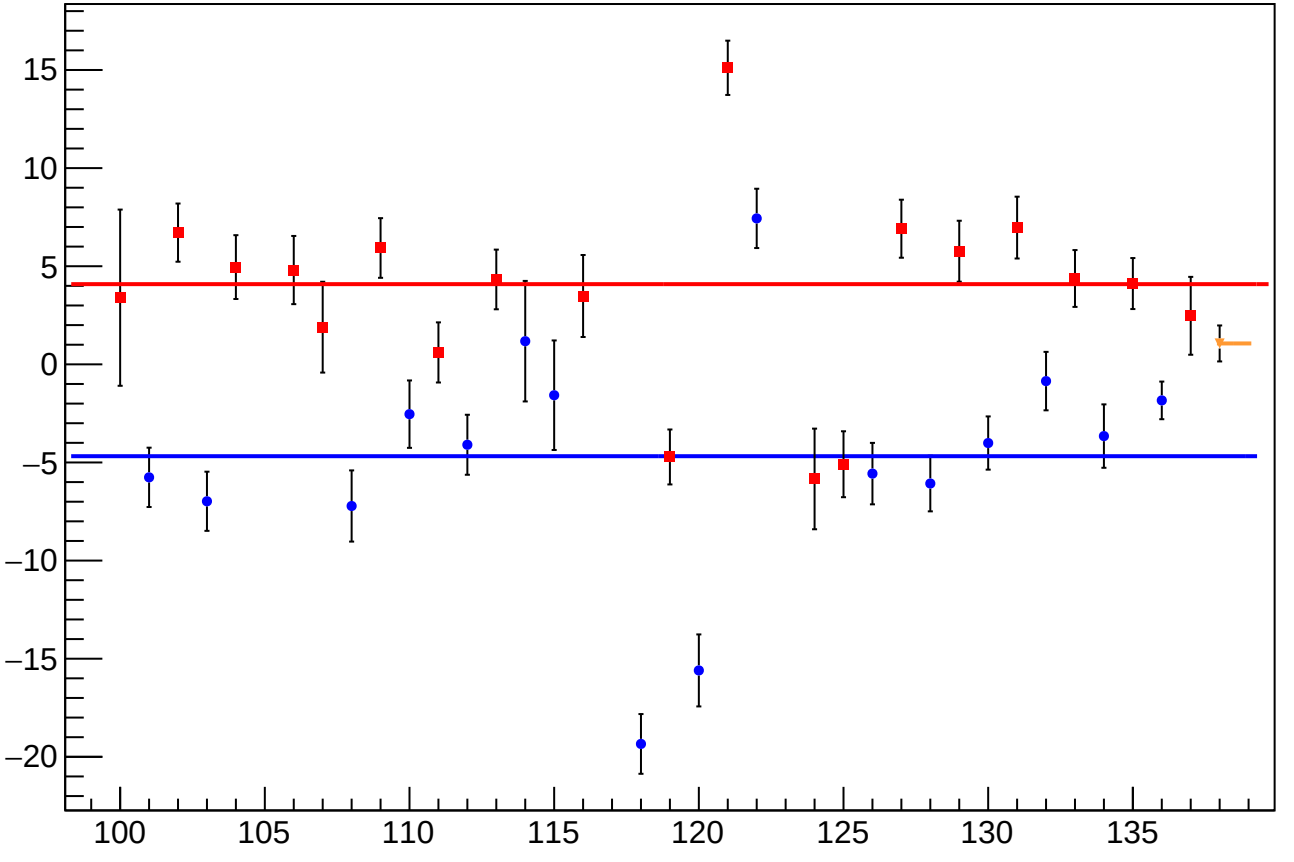
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 9745.948+/-2.463 χ^2/NDF: 300631.8/16

All: 9547.548+/-1.734 χ^2/NDF: 615278.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -4.681+/-0.386 χ^2/NDF: 221.2/15

Left Out: 1.065+/-0.917 χ^2/NDF:0.0/0

Right Out: 4.087+/-0.376 χ^2/NDF: 168.1/18

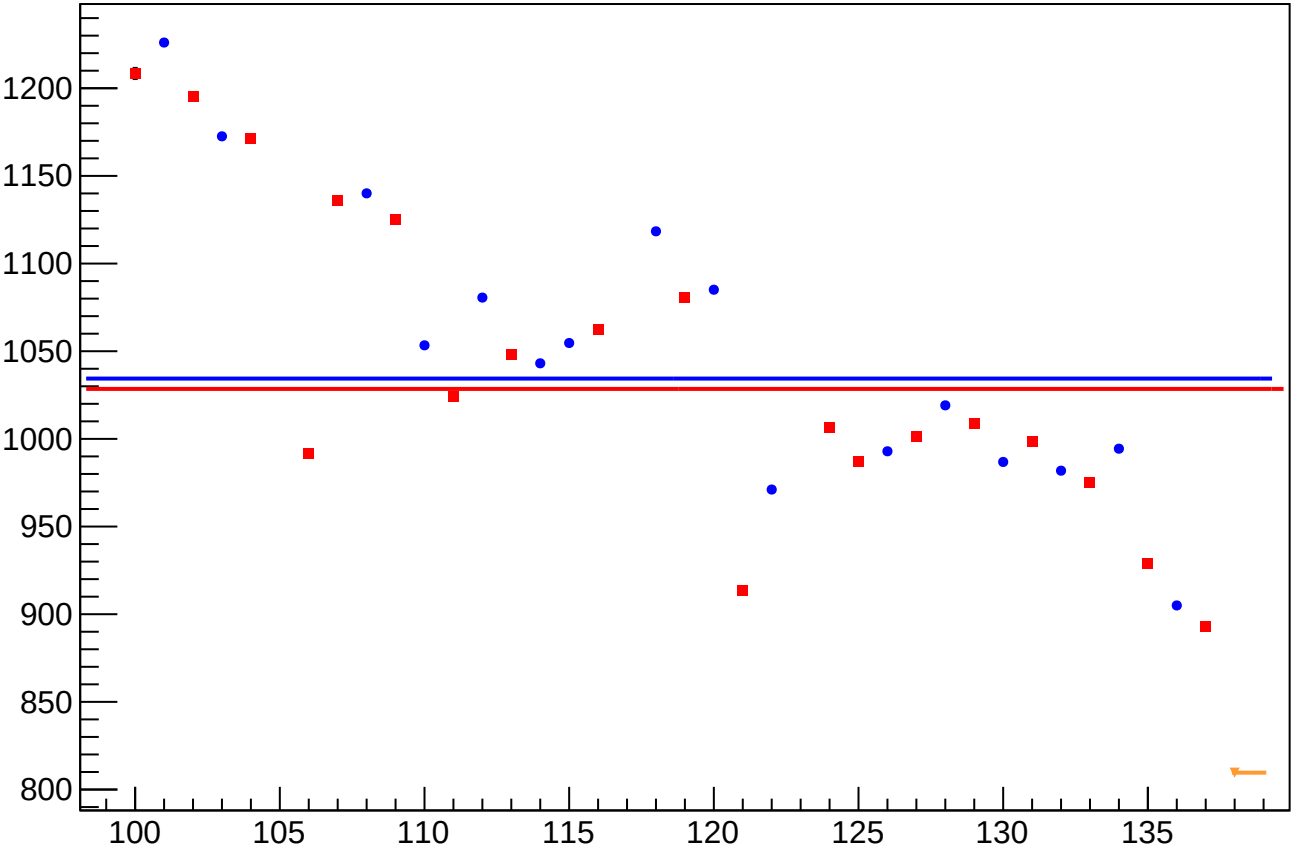
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.816+/-0.356 χ^2/NDF: 254.6/16

All: -0.089+/-0.258 χ^2/NDF: 655.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1034.402+/-0.273 χ^2/NDF: 113278.6/15

Left Out: 809.622+/-0.648 χ^2/NDF:0.0/0

Right Out: 1028.501+/-0.266 χ^2/NDF: 101624.8/18

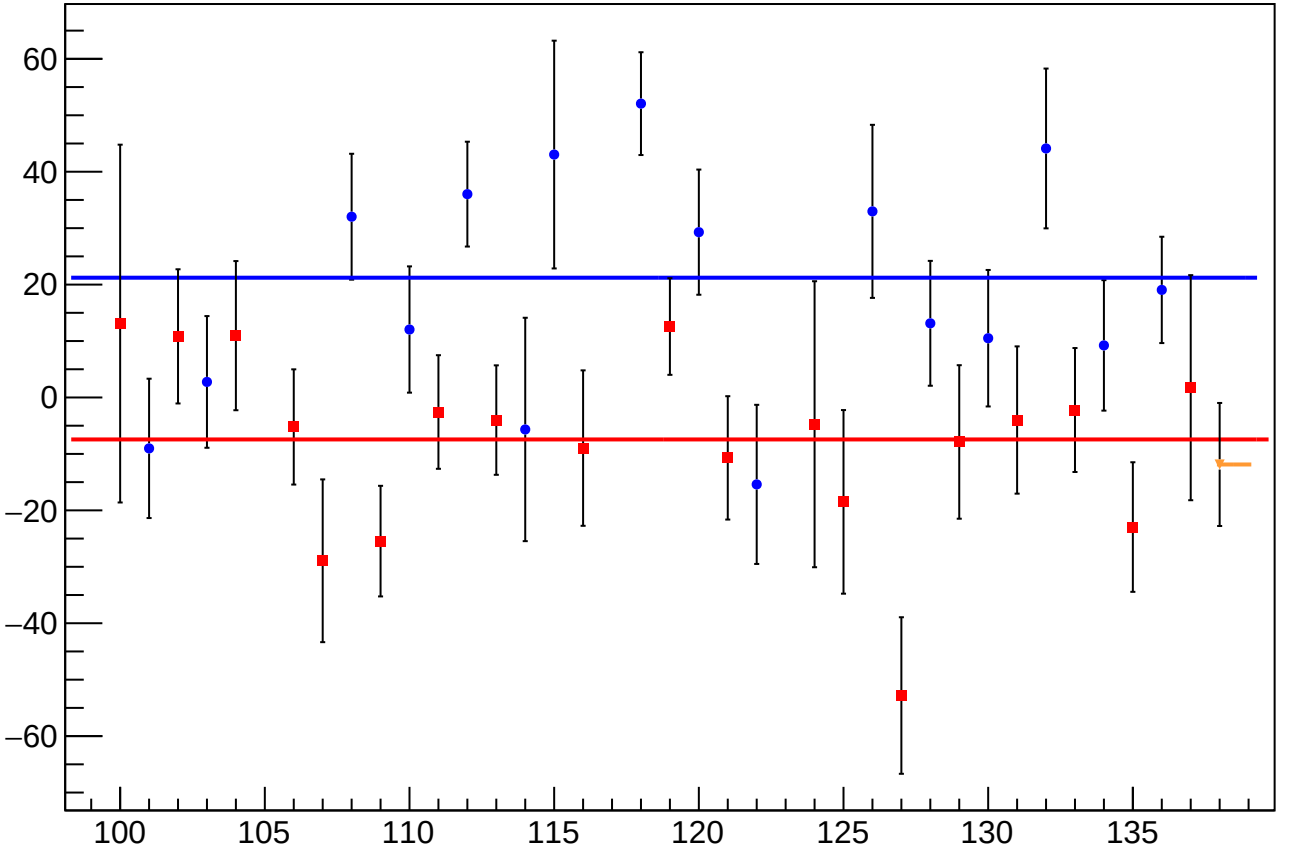
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1000.580+/-0.251 χ^2/NDF: 215445.3/16

All: 1013.747+/-0.183 χ^2/NDF: 322885.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 21.222+/-2.952 χ^2/NDF: 40.1/15

Left Out: -11.872+/-10.901 χ^2/NDF:0.0/0

Right Out: -7.435+/-2.810 χ^2/NDF: 29.8/18

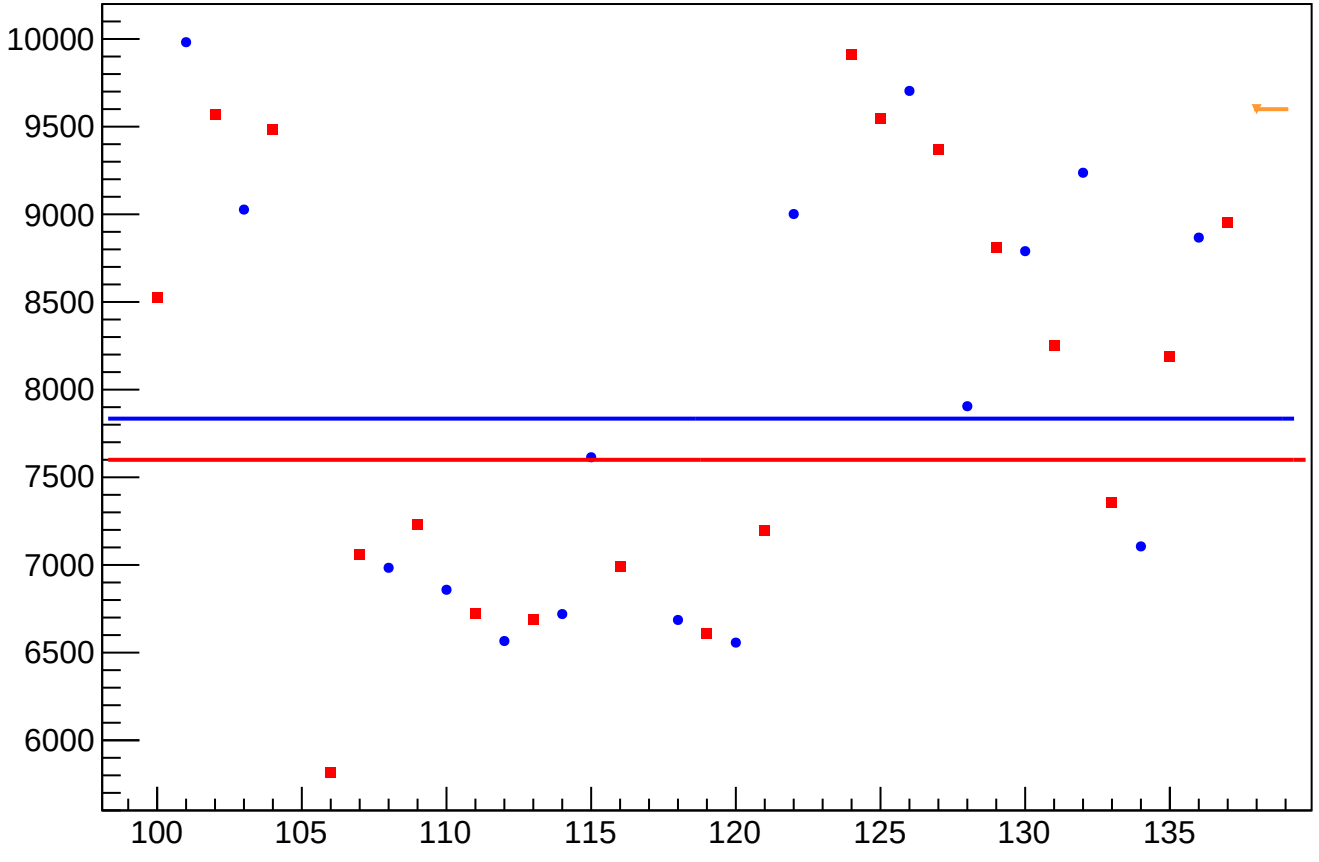
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 18.961+/-2.849 χ^2/NDF: 48.7/16

All: 5.582+/-2.001 χ^2/NDF: 122.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7834.618+/-2.087 χ^2/NDF: 318089.6/15

Left Out: 9599.595+/-7.708 χ^2/NDF:0.0/0

Right Out: 7599.749+/-1.987 χ^2/NDF: 344296.8/18

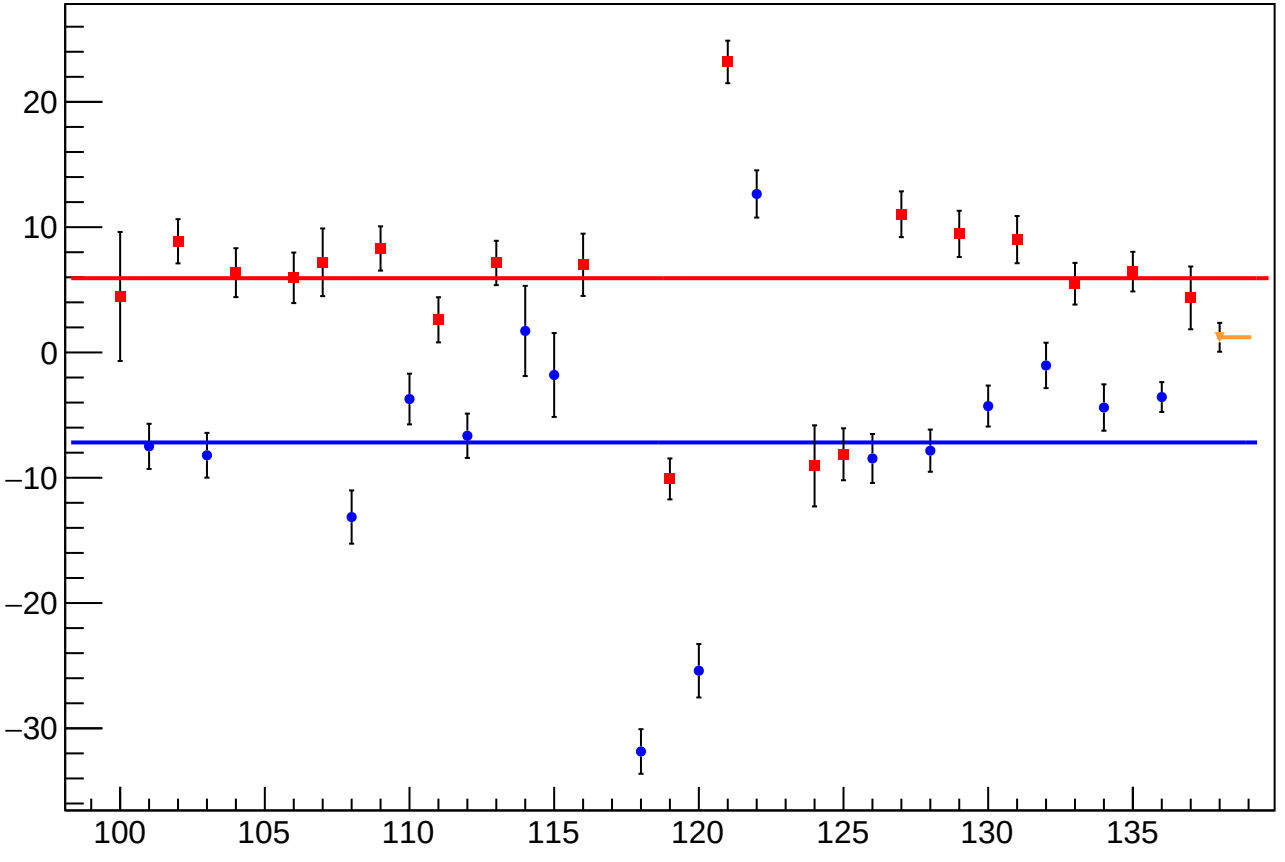
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7955.196+/-2.015 χ^2/NDF: 366939.7/16

All: 7775.030+/-1.415 χ^2/NDF: 727013.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -7.183+/-0.462 χ^2/NDF: 422.2/15

Left Out: 1.211+/-1.153 χ^2/NDF:0.0/0

Right Out: 5.927+/-0.449 χ^2/NDF: 290.4/18

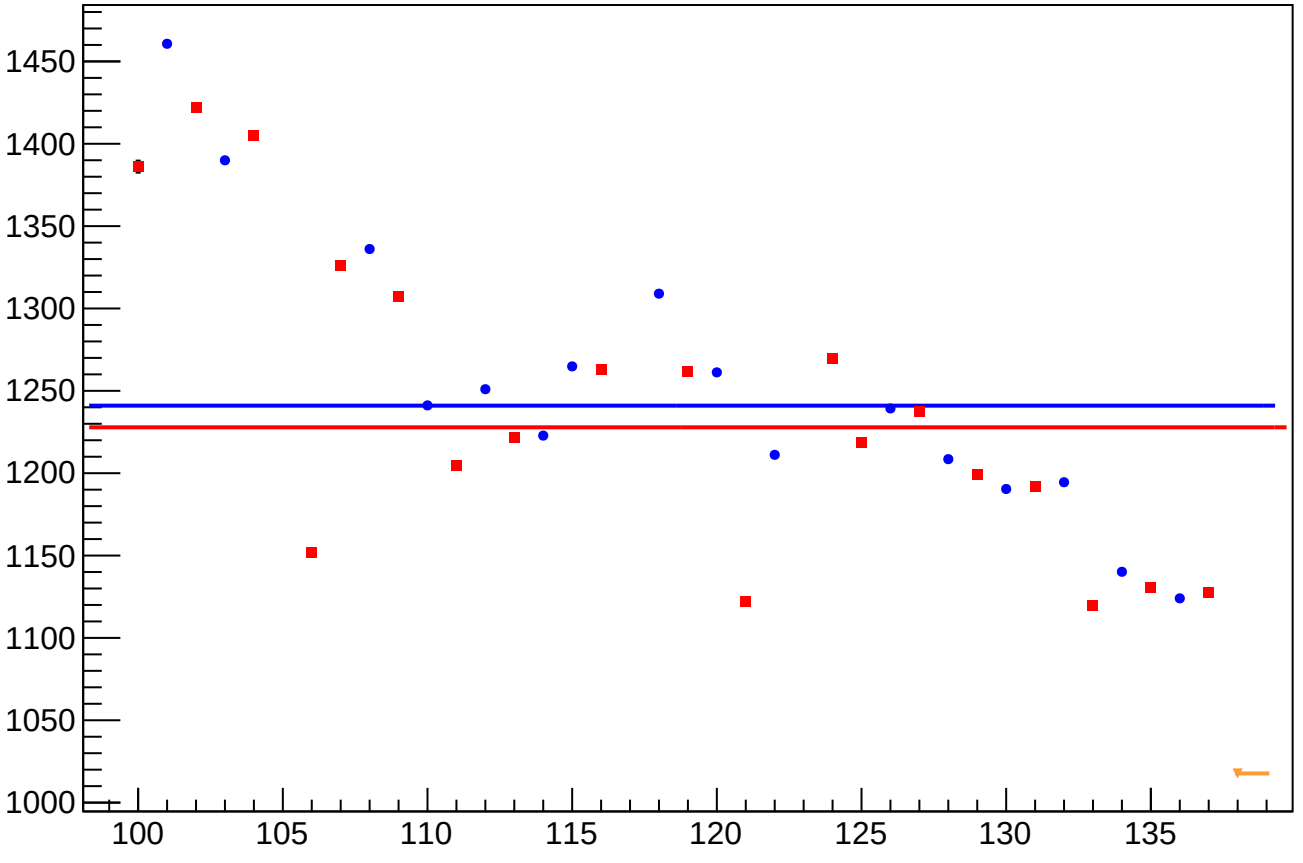
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.019+/-0.429 χ^2/NDF: 467.9/16

All: -0.319+/-0.310 χ^2/NDF: 1128.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1241.007+/-0.327 χ^2/NDF: 80653.5/15

Left Out: 1017.701+/-0.815 χ^2/NDF:0.0/0

Right Out: 1227.864+/-0.318 χ^2/NDF: 82339.2/18

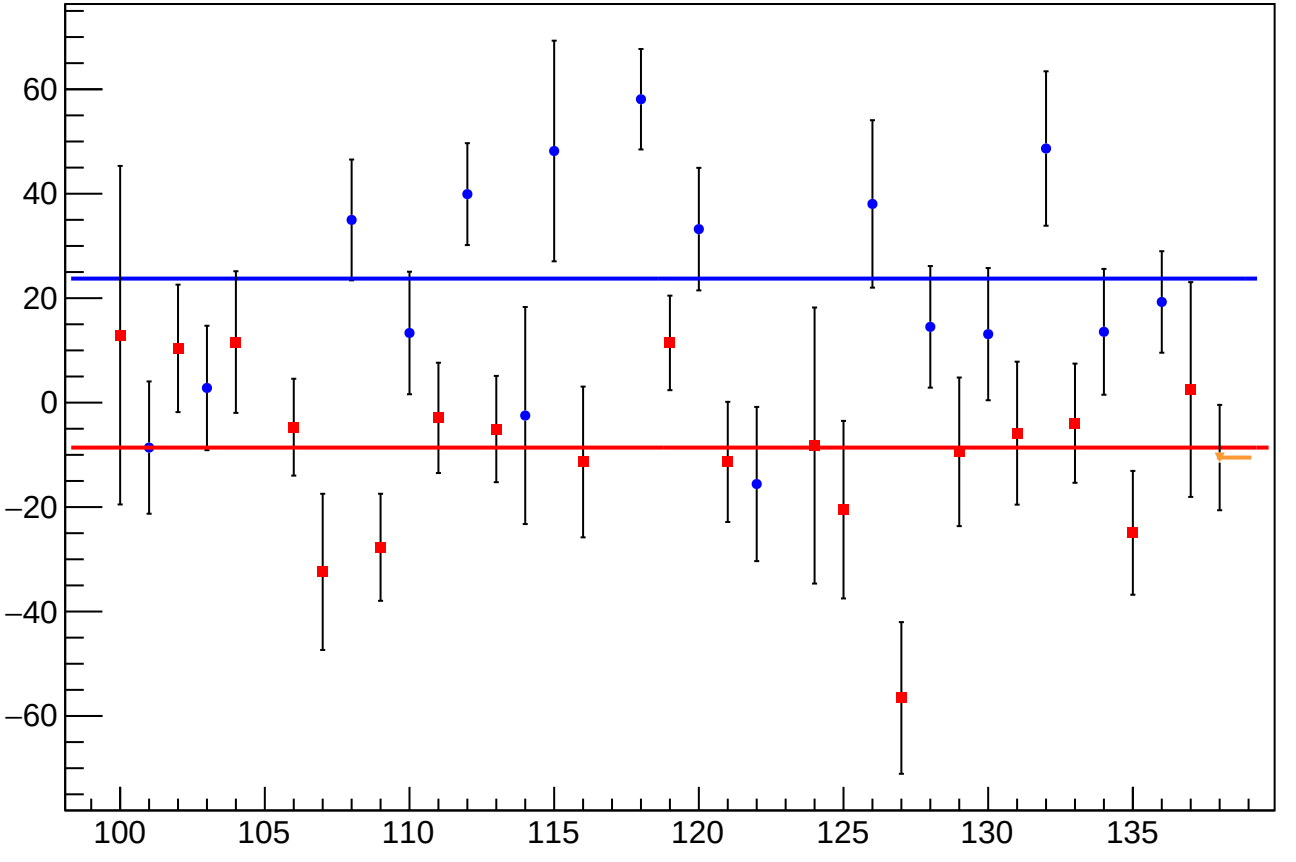
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1210.060+/-0.303 χ^2/NDF: 145314.8/16

All: 1218.555+/-0.219 χ^2/NDF: 229296.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 23.750+/-3.081 χ^2/NDF: 43.4/15

Left Out: -10.517+/-10.088 χ^2/NDF:0.0/0

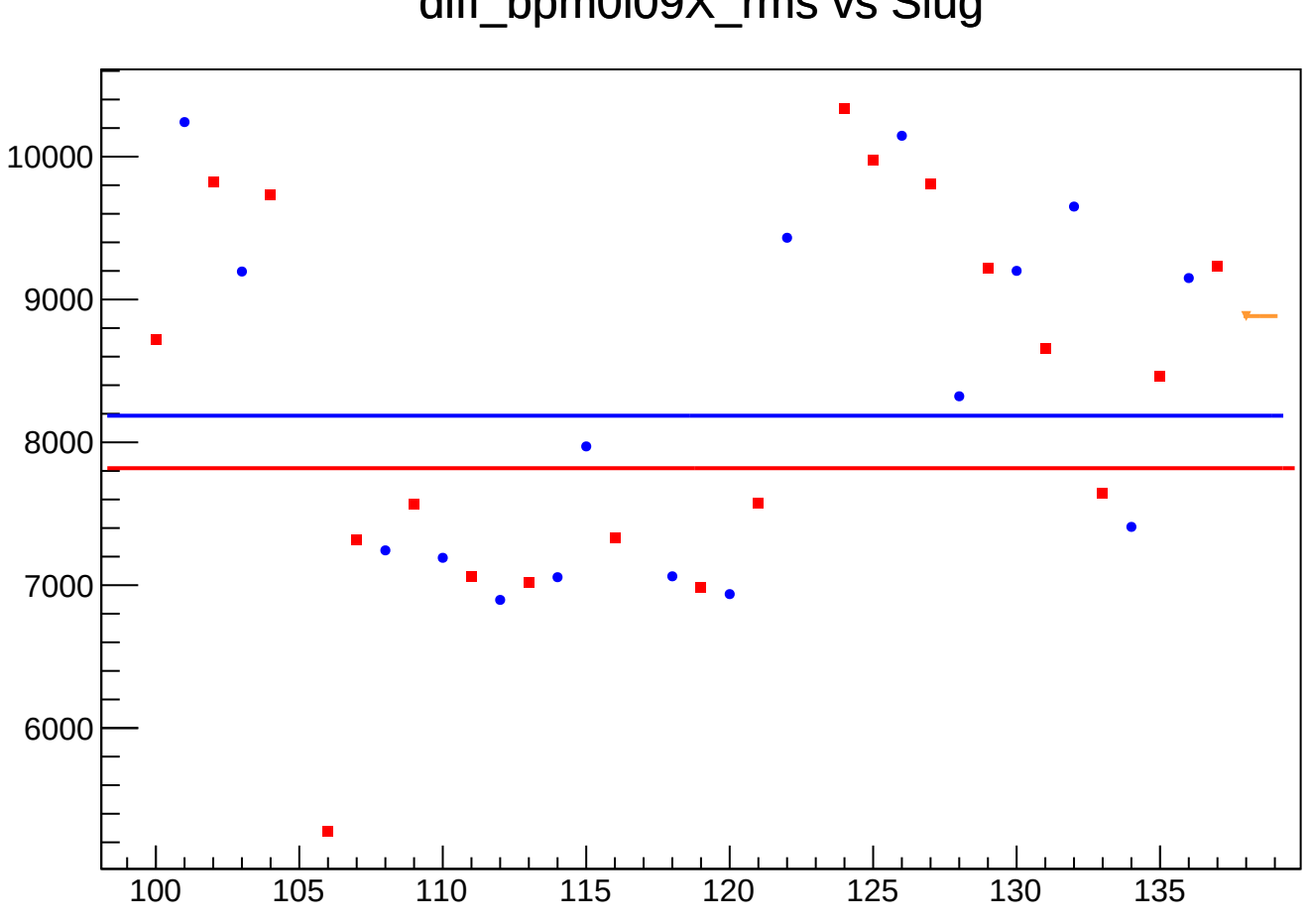
Right Out: -8.609+/-2.899 χ^2/NDF: 30.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.825+/-2.947 χ^2/NDF: 54.0/16

All: 5.867+/-2.067 χ^2/NDF: 135.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8186.361+/-2.179 χ^2/NDF: 290628.8/15

Left Out: 8883.937+/-7.133 χ^2/NDF:0.0/0

Right Out: 7818.965+/-2.050 χ^2/NDF: 422998.1/18

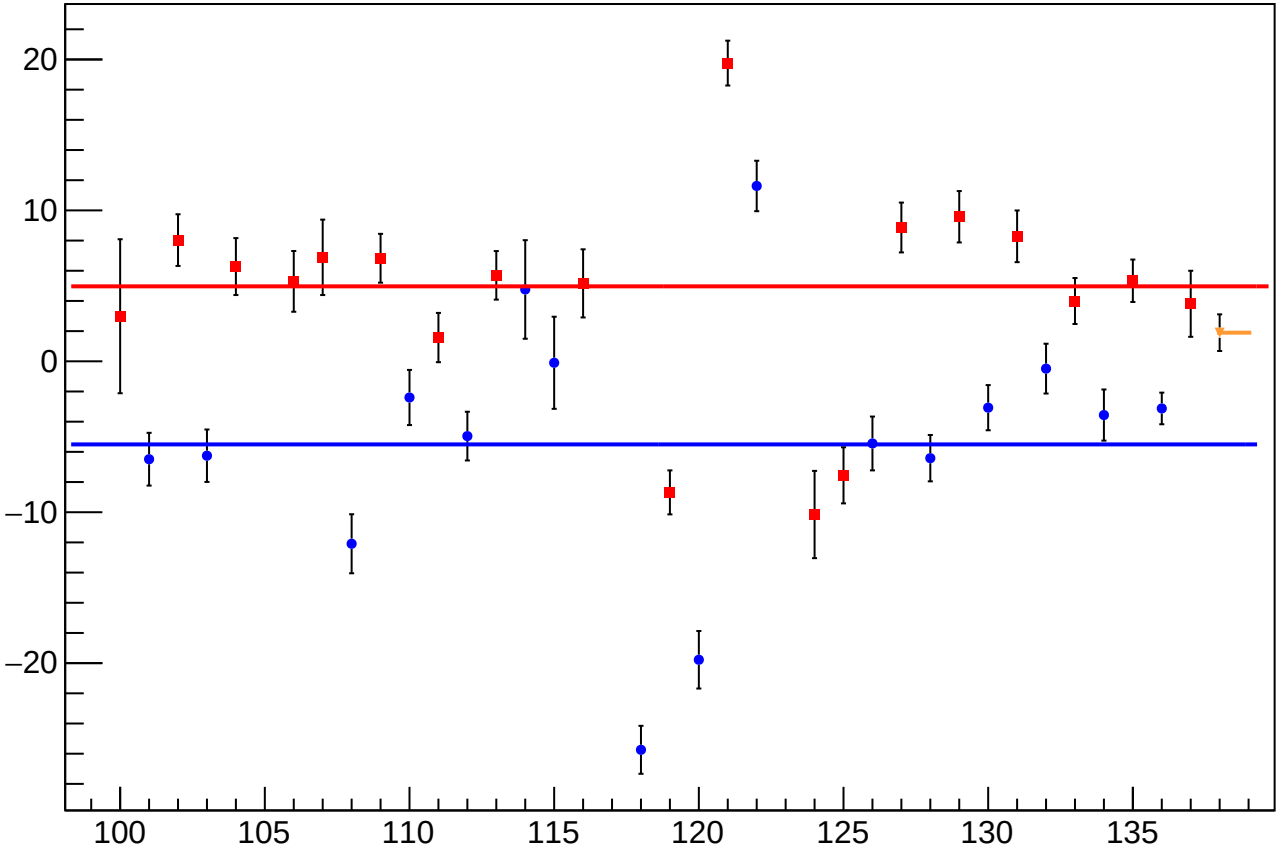
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 8245.895+/-2.084 χ^2/NDF: 299376.4/16

All: 8028.926+/-1.461 χ^2/NDF: 743706.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l09Y_mean vs Slug



Right In: -5.506+/-0.421 χ^2/NDF: 369.8/15

Left Out: 1.897+/-1.215 χ^2/NDF:0.0/0

Right Out: 4.967+/-0.410 χ^2/NDF: 287.3/18

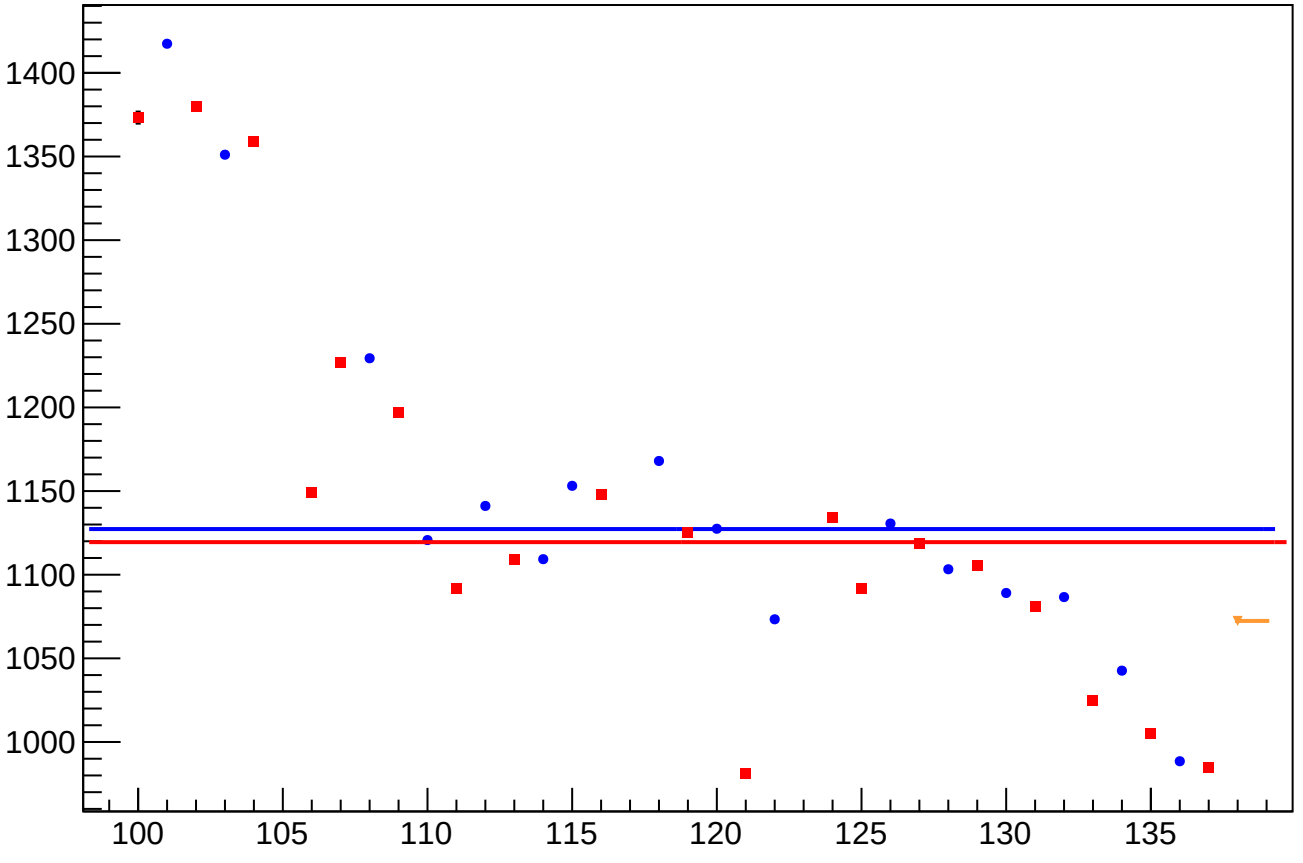
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.713+/-0.398 χ^2/NDF: 403.0/16

All: -0.024+/-0.286 χ^2/NDF: 977.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1127.290+/-0.298 χ^2/NDF: 140615.8/15

Left Out: 1072.365+/-0.859 χ^2/NDF:0.0/0

Right Out: 1119.473+/-0.290 χ^2/NDF: 140736.0/18

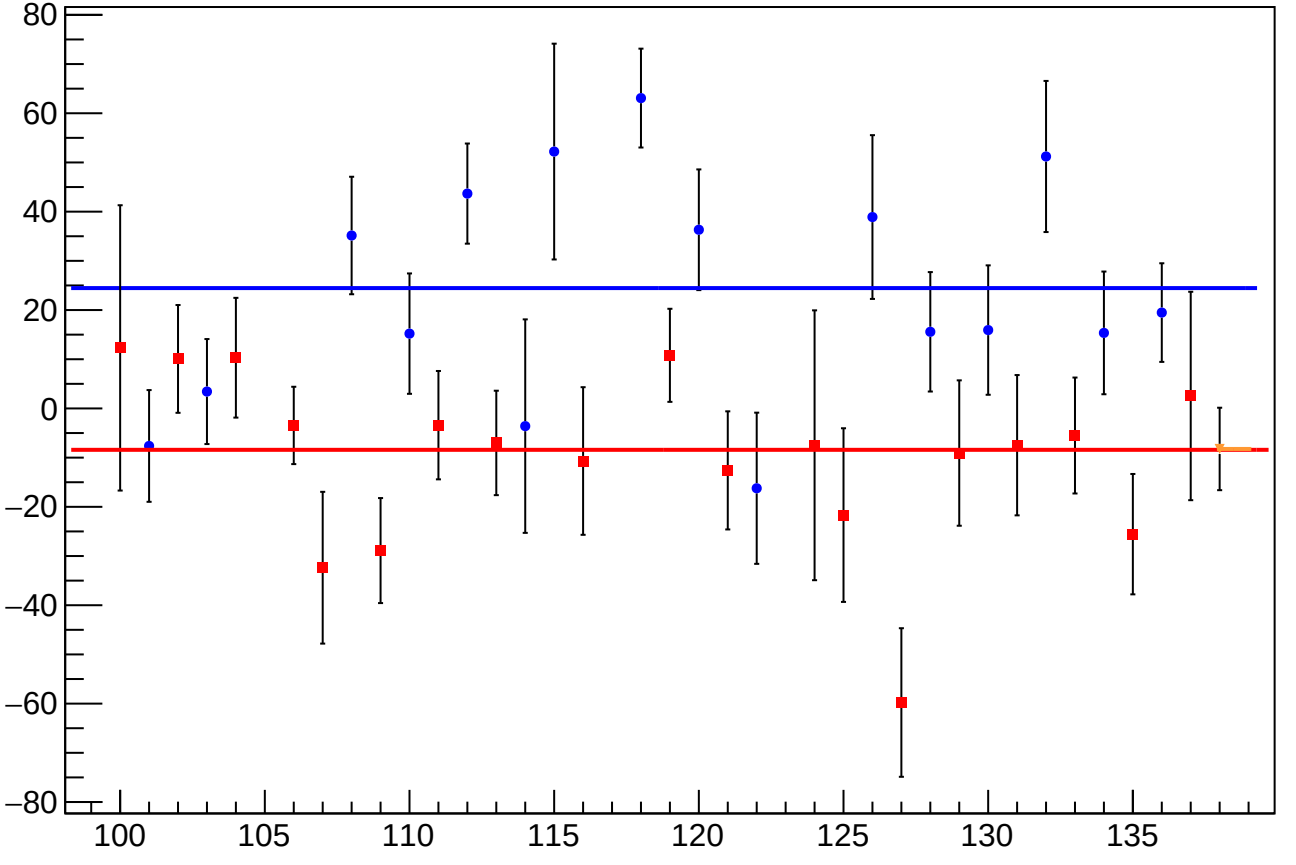
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1121.402+/-0.281 χ^2/NDF: 144267.1/16

All: 1120.468+/-0.202 χ^2/NDF: 285025.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 24.463+/-3.136 χ^2/NDF: 48.3/15

Left Out: -8.235+/-8.380 χ^2/NDF:0.0/0

Right Out: -8.413+/-2.891 χ^2/NDF: 31.1/18

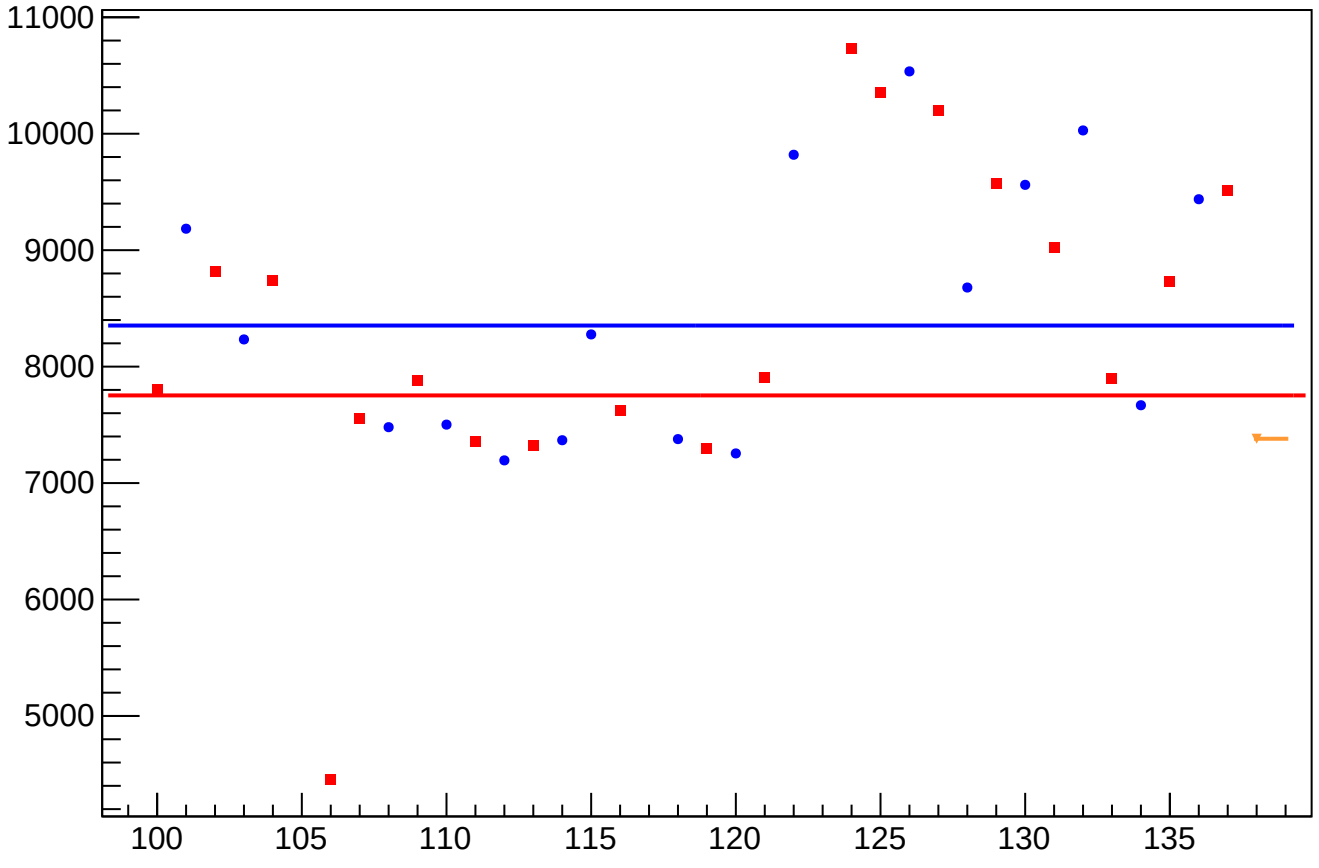
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.446+/-2.937 χ^2/NDF: 61.7/16

All: 5.788+/-2.060 χ^2/NDF: 141.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 8352.758+/-2.218 χ^2/NDF: 220412.5/15

Left Out: 7380.611+/-5.925 χ^2/NDF:0.0/0

Right Out: 7752.674+/-2.044 χ^2/NDF: 588072.1/18

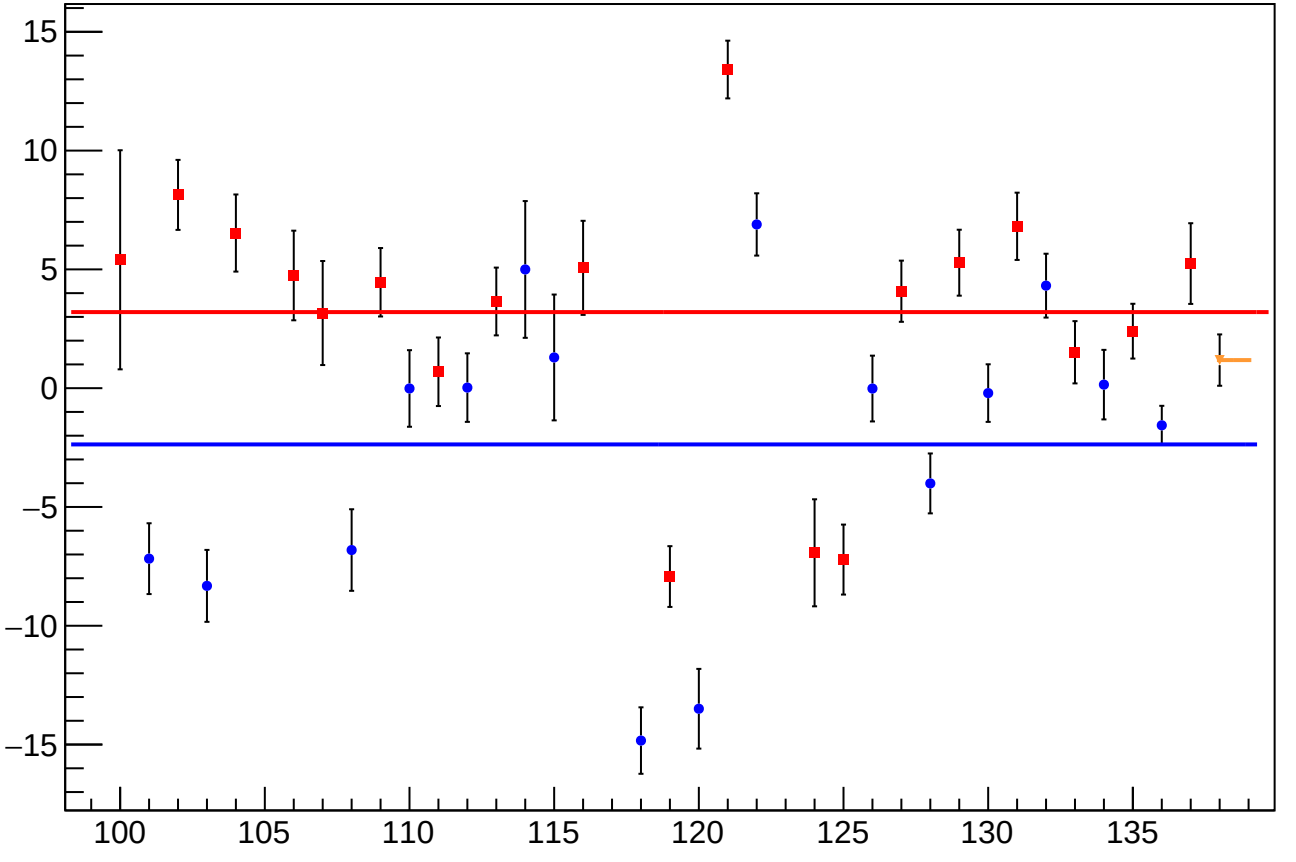
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8233.327+/-2.077 χ^2/NDF: 244022.1/16

All: 7989.187+/-1.457 χ^2/NDF: 859298.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -2.368+/-0.350 χ^2/NDF: 255.6/15

Left Out: 1.182+/-1.081 χ^2/NDF:0.0/0

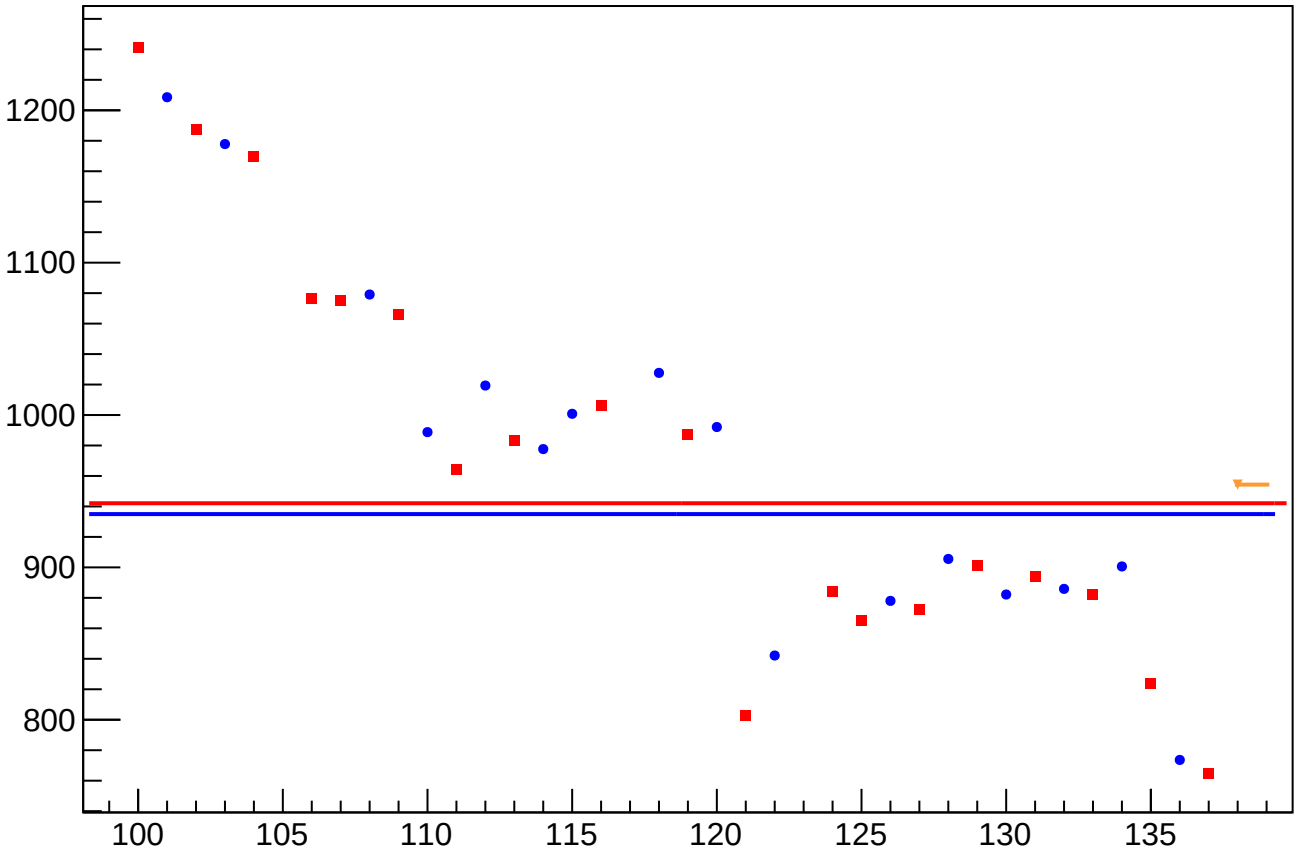
Right Out: 3.203+/-0.346 χ^2/NDF: 250.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -2.030+/-0.333 χ^2/NDF: 265.3/16

All: 0.486+/-0.240 χ^2/NDF: 634.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 934.975+/-0.248 χ^2/NDF: 254363.7/15

Left Out: 954.338+/-0.764 χ^2/NDF:0.0/0

Right Out: 942.096+/-0.245 χ^2/NDF: 232453.5/18

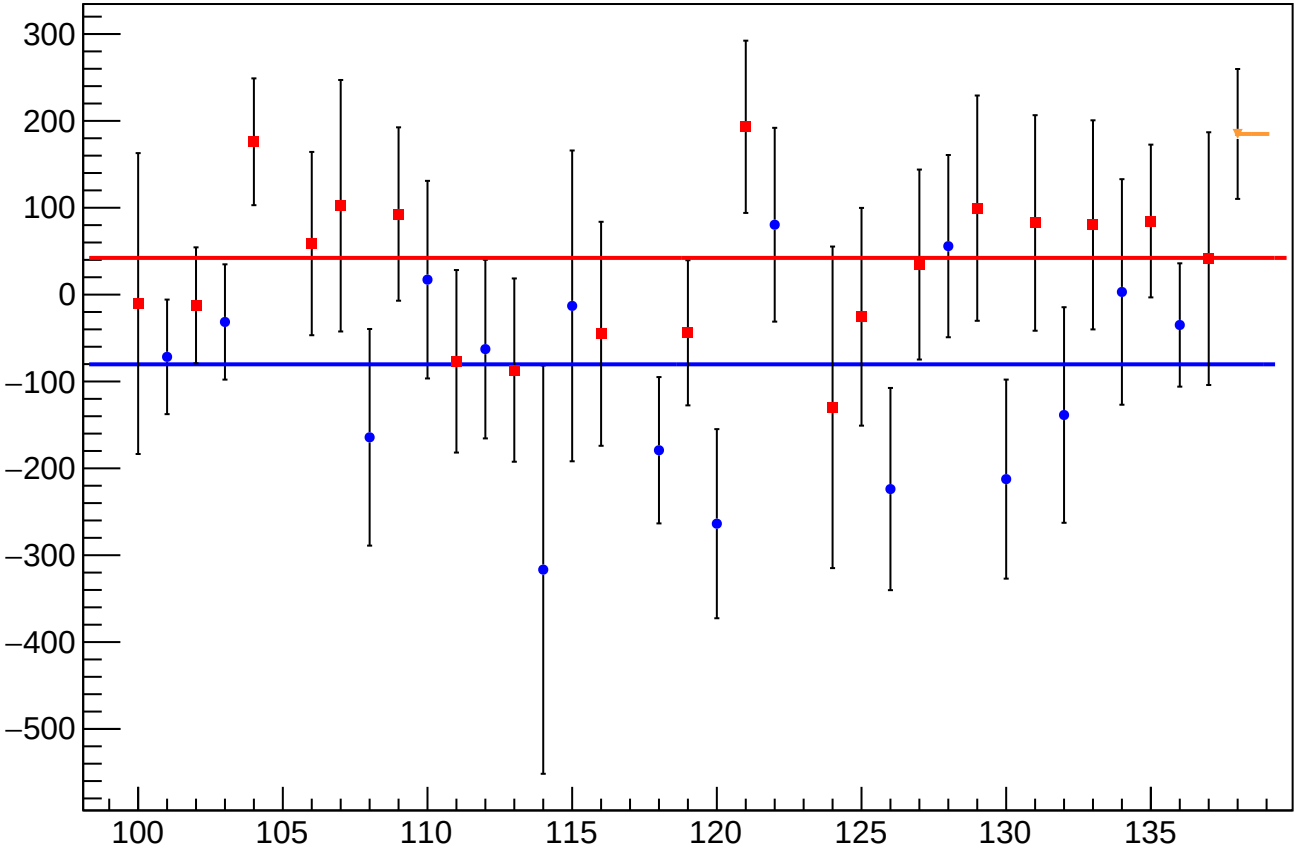
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 936.817+/-0.236 χ^2/NDF: 254944.7/16

All: 939.356+/-0.170 χ^2/NDF: 487639.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -80.250+/-24.909 χ^2/NDF: 14.8/15

Left Out: 184.962+/-74.779 χ^2/NDF:0.0/0

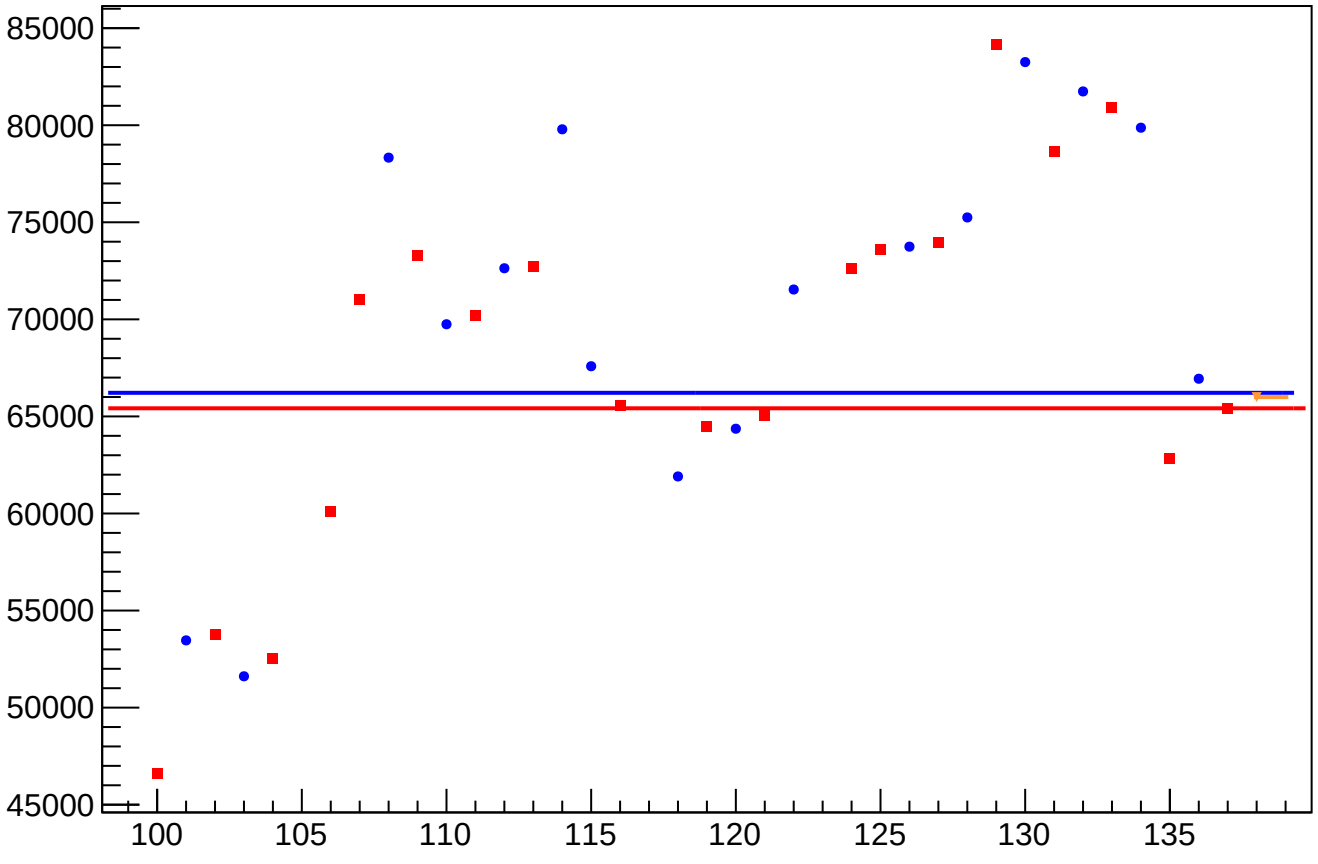
Right Out: 42.263+/-24.144 χ^2/NDF: 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -53.763+/-23.632 χ^2/NDF: 26.1/16

All: -6.779+/-16.889 χ^2/NDF: 47.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 66216.115+/-17.613 χ^2/NDF: 338377.6/15

Left Out: 65994.151+/-52.877 χ^2/NDF:0.0/0

Right Out: 65418.529+/-17.073 χ^2/NDF: 304555.9/18

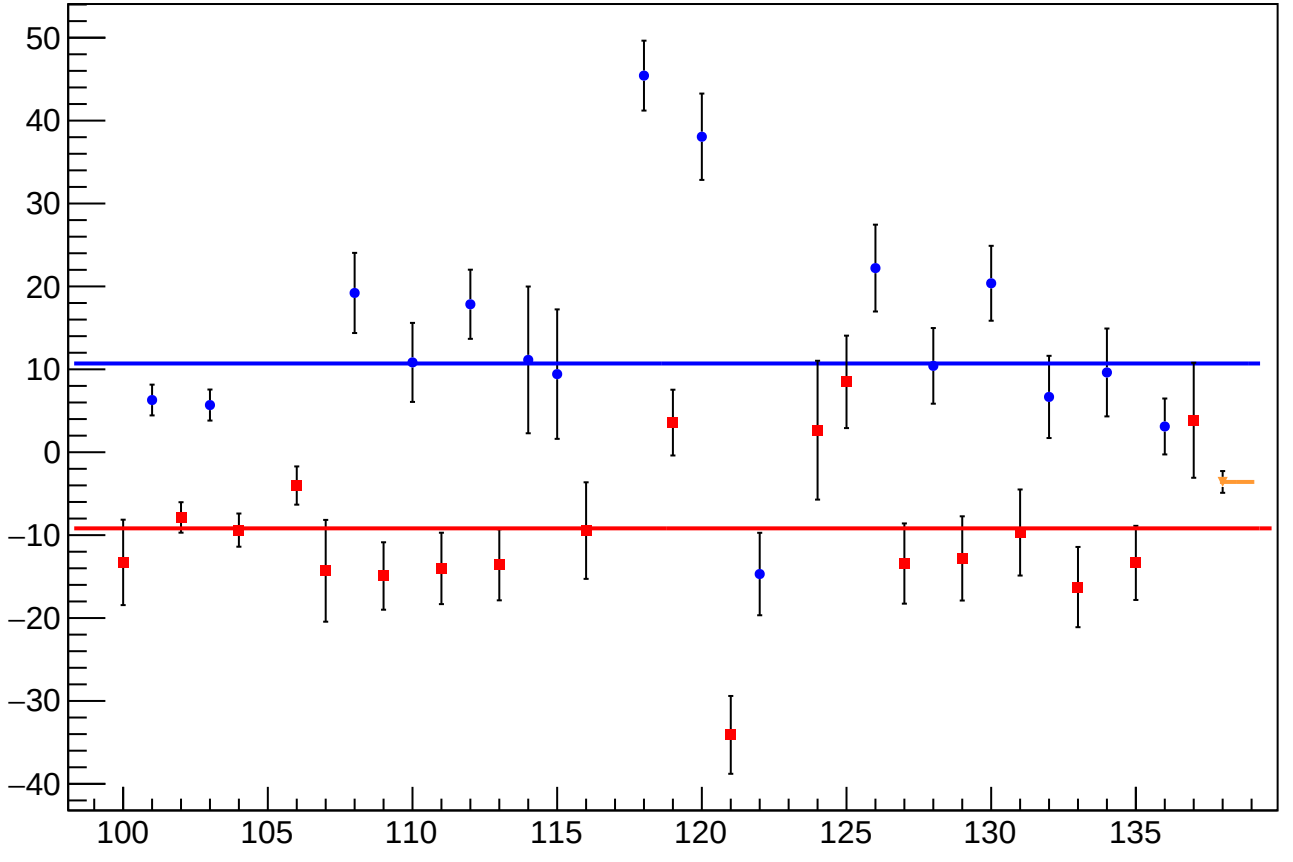
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 66193.946+/-16.711 χ^2/NDF: 338393.5/16

All: 65814.549+/-11.942 χ^2/NDF: 644002.9/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0r03Y_mean vs Slug



Right In: 10.705+/-0.921 χ^2/NDF: 155.6/15

Left Out: -3.583+/-1.312 χ^2/NDF:0.0/0

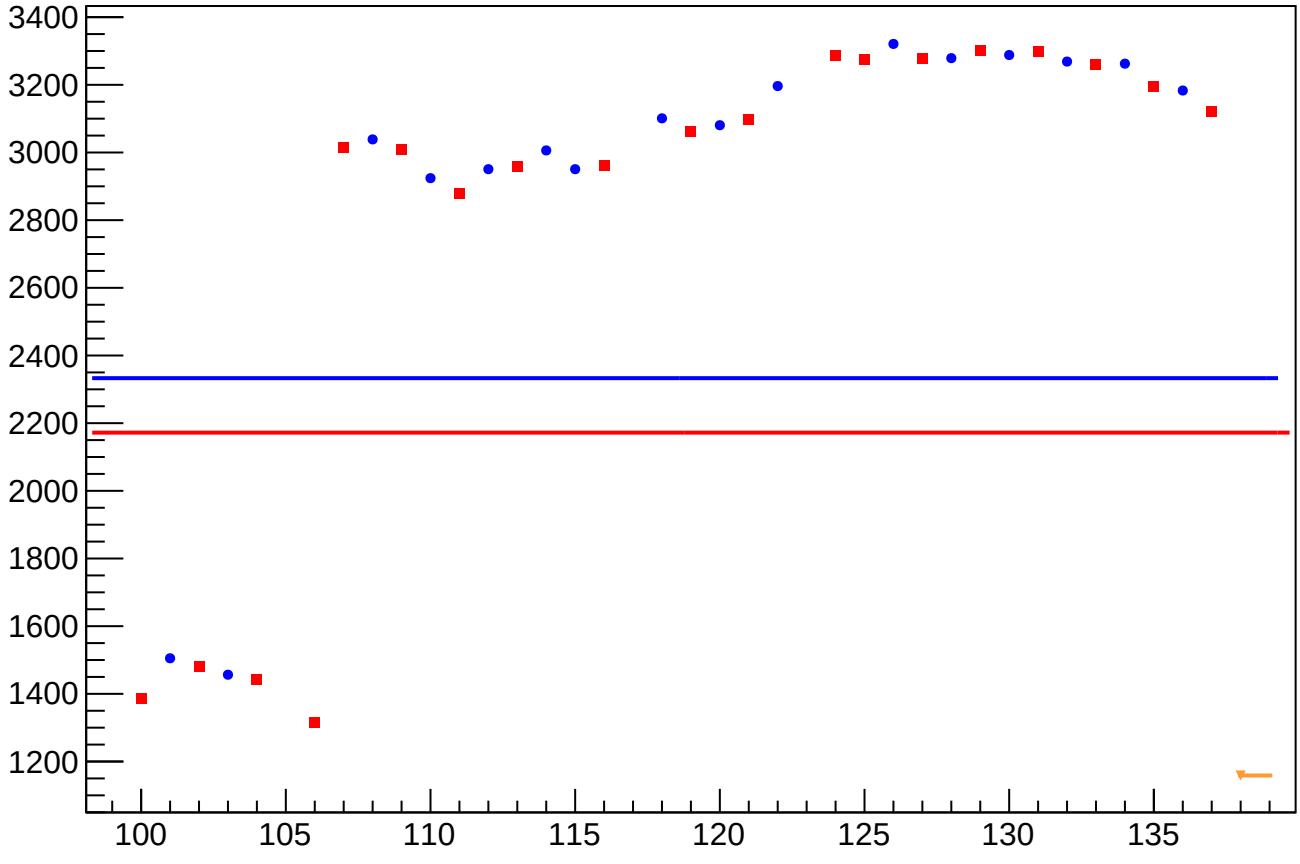
Right Out: -9.182+/-0.850 χ^2/NDF: 69.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.993+/-0.754 χ^2/NDF: 235.0/16

All: -0.685+/-0.564 χ^2/NDF: 483.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2333.021+/-0.651 χ^2/NDF: 1651407.8/15

Left Out: 1158.709+/-0.928 χ^2/NDF:0.0/0

Right Out: 2172.041+/-0.601 χ^2/NDF: 1984197.6/18

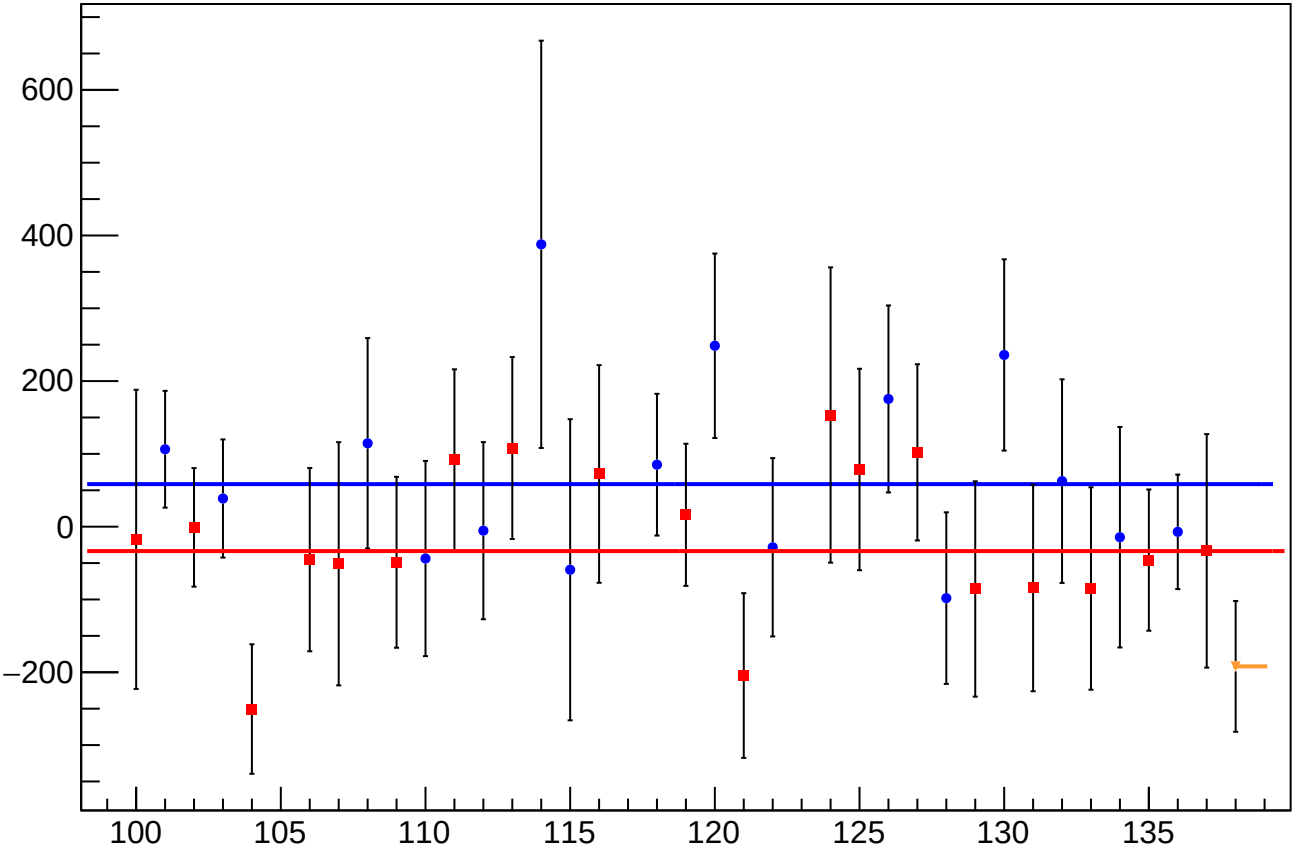
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1945.725+/-0.533 χ^2/NDF: 2724807.3/16

All: 2045.311+/-0.399 χ^2/NDF: 4788373.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0r05X_mean vs Slug



Right In: 58.446+/-28.918 χ^2/NDF: 11.3/15

Left Out: -191.905+/-89.826 χ^2/NDF:0.0/0

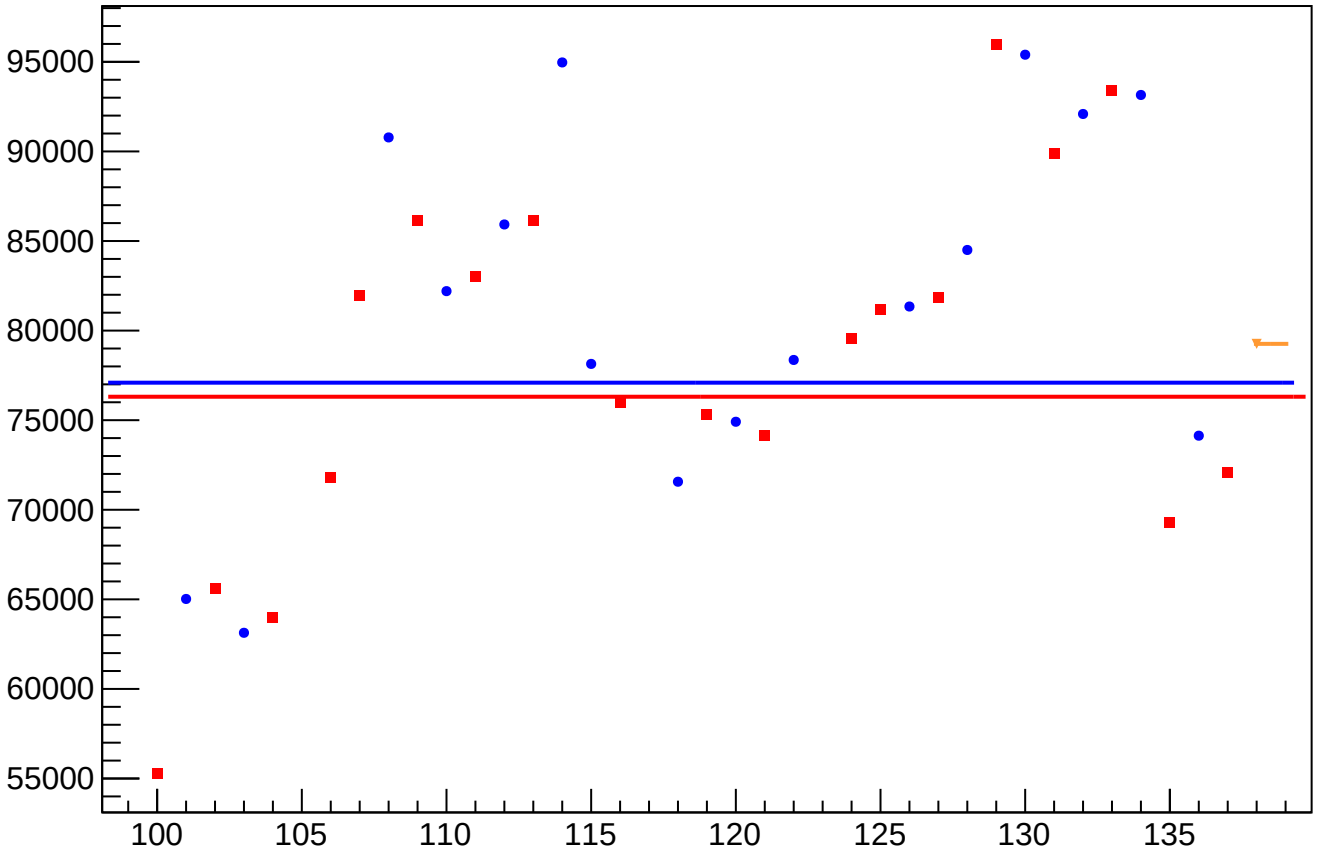
Right Out: -33.520+/-28.106 χ^2/NDF: 14.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.937+/-27.526 χ^2/NDF: 18.3/16

All: 1.421+/-19.666 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 77093.125+/-20.448 χ^2/NDF: 248542.7/15

Left Out: 79259.720+/-63.517 χ^2/NDF:0.0/0

Right Out: 76308.708+/-19.874 χ^2/NDF: 234433.2/18

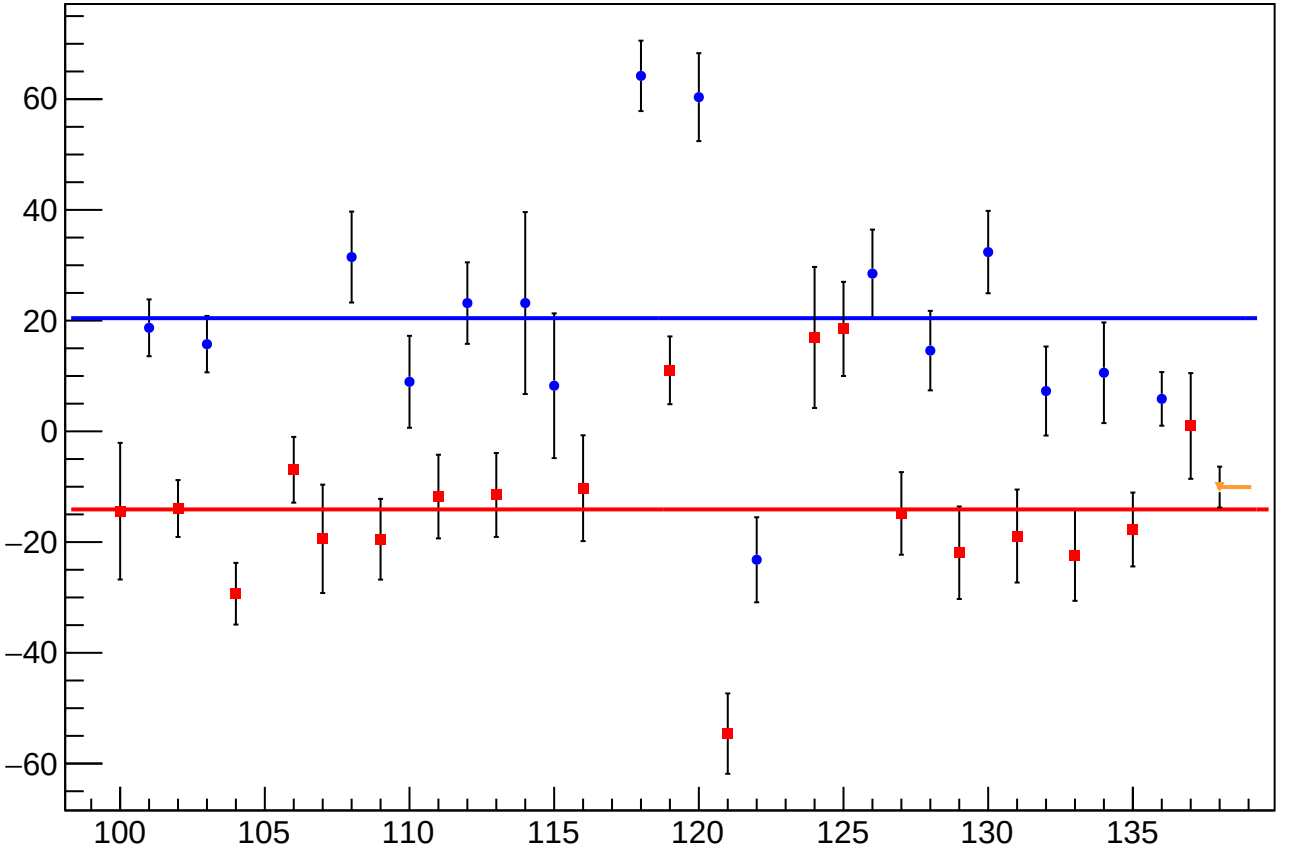
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 77296.580+/-19.464 χ^2/NDF: 249597.0/16

All: 76812.928+/-13.906 χ^2/NDF: 485291.4/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 20.441+/-1.782 χ^2/NDF: 127.8/15

Left Out: -10.065+/-3.690 χ^2/NDF:0.0/0

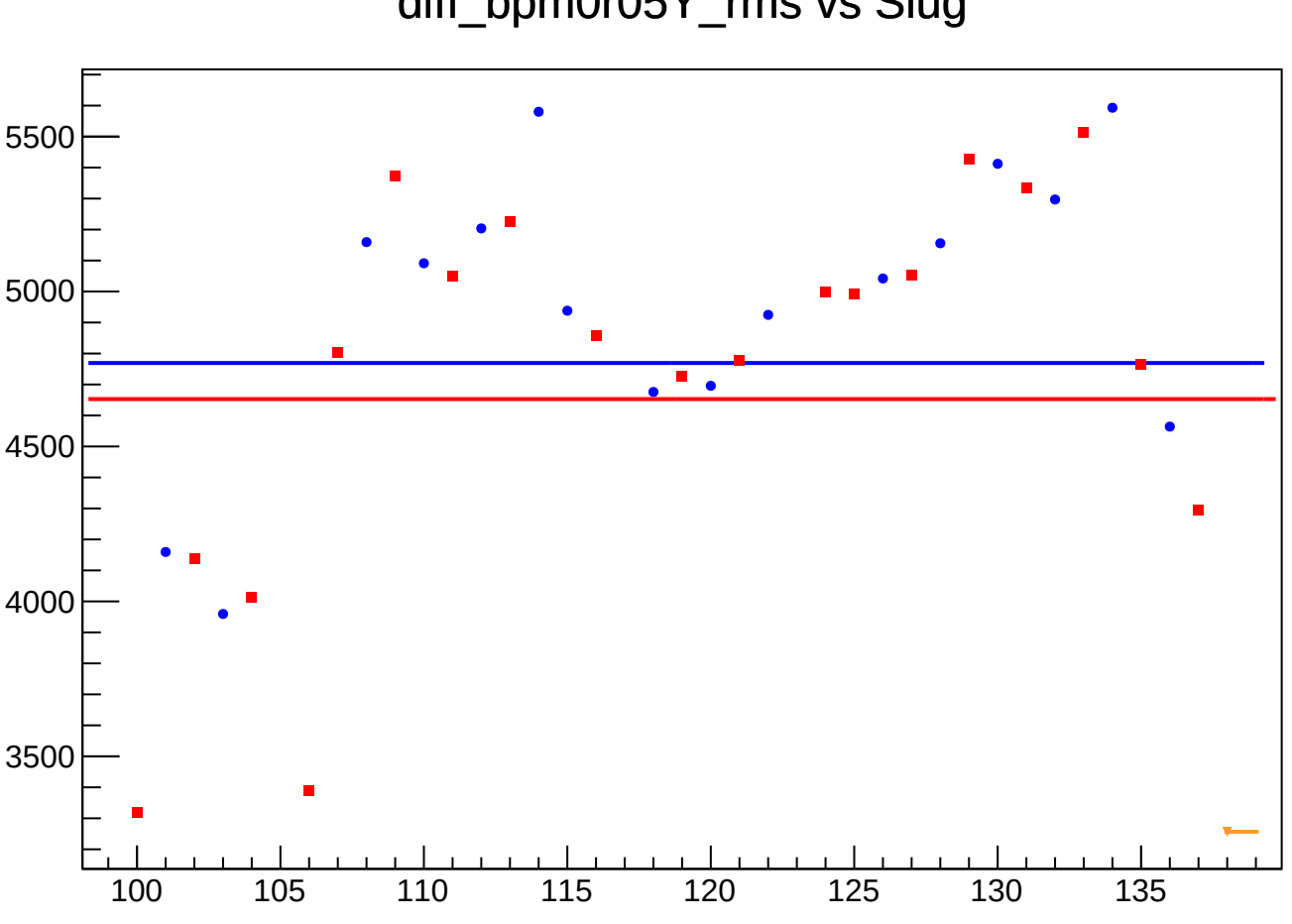
Right Out: -14.102+/-1.714 χ^2/NDF: 83.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.672+/-1.605 χ^2/NDF: 183.3/16

All: 1.229+/-1.171 χ^2/NDF: 417.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4769.375+/-1.260 χ^2/NDF: 151678.3/15

Left Out: 3256.536+/-2.609 χ^2/NDF:0.0/0

Right Out: 4652.924+/-1.212 χ^2/NDF: 265116.1/18

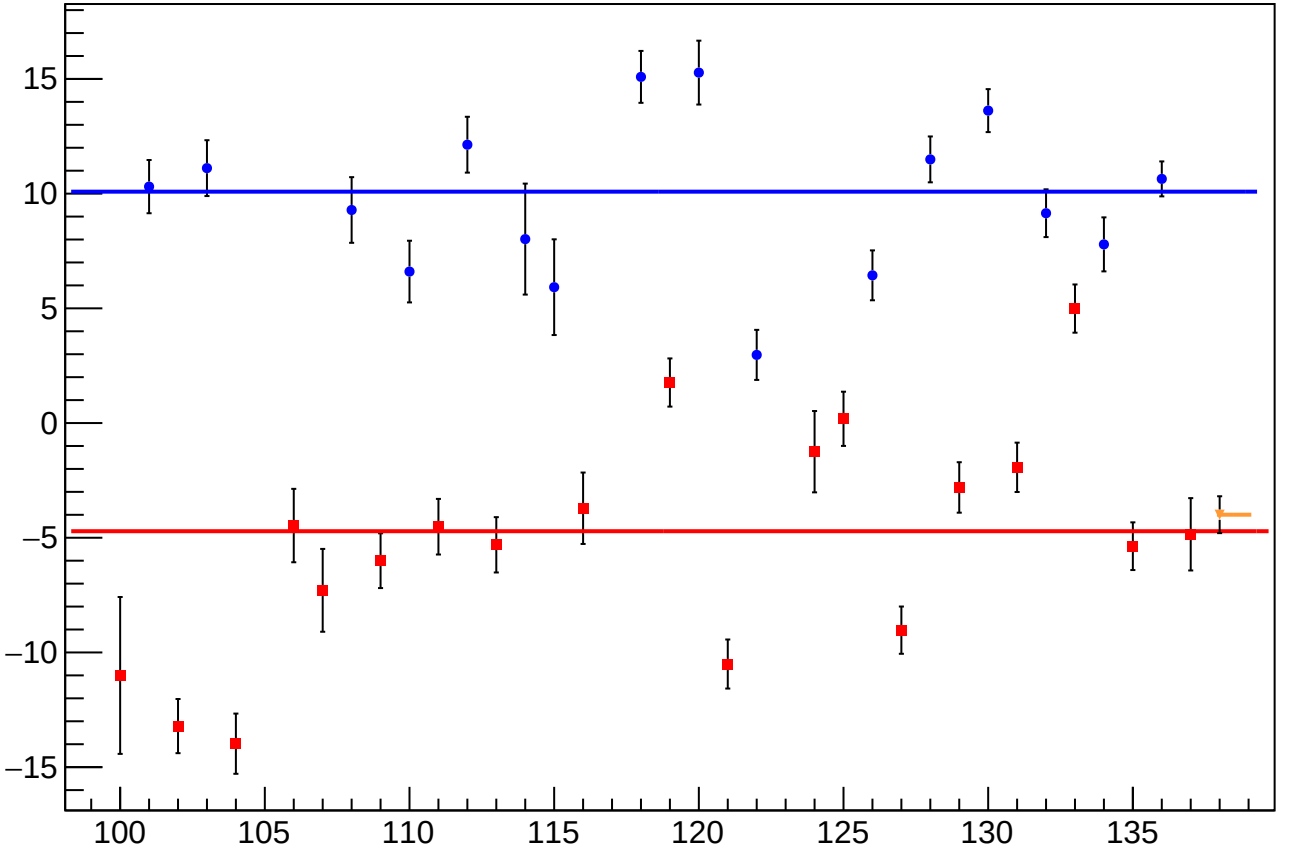
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4483.260+/-1.135 χ^2/NDF: 424303.8/16

All: 4562.528+/-0.828 χ^2/NDF: 699866.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 10.086+/-0.288 χ^2/NDF: 123.9/15

Left Out: -3.995+/-0.804 χ^2/NDF:0.0/0

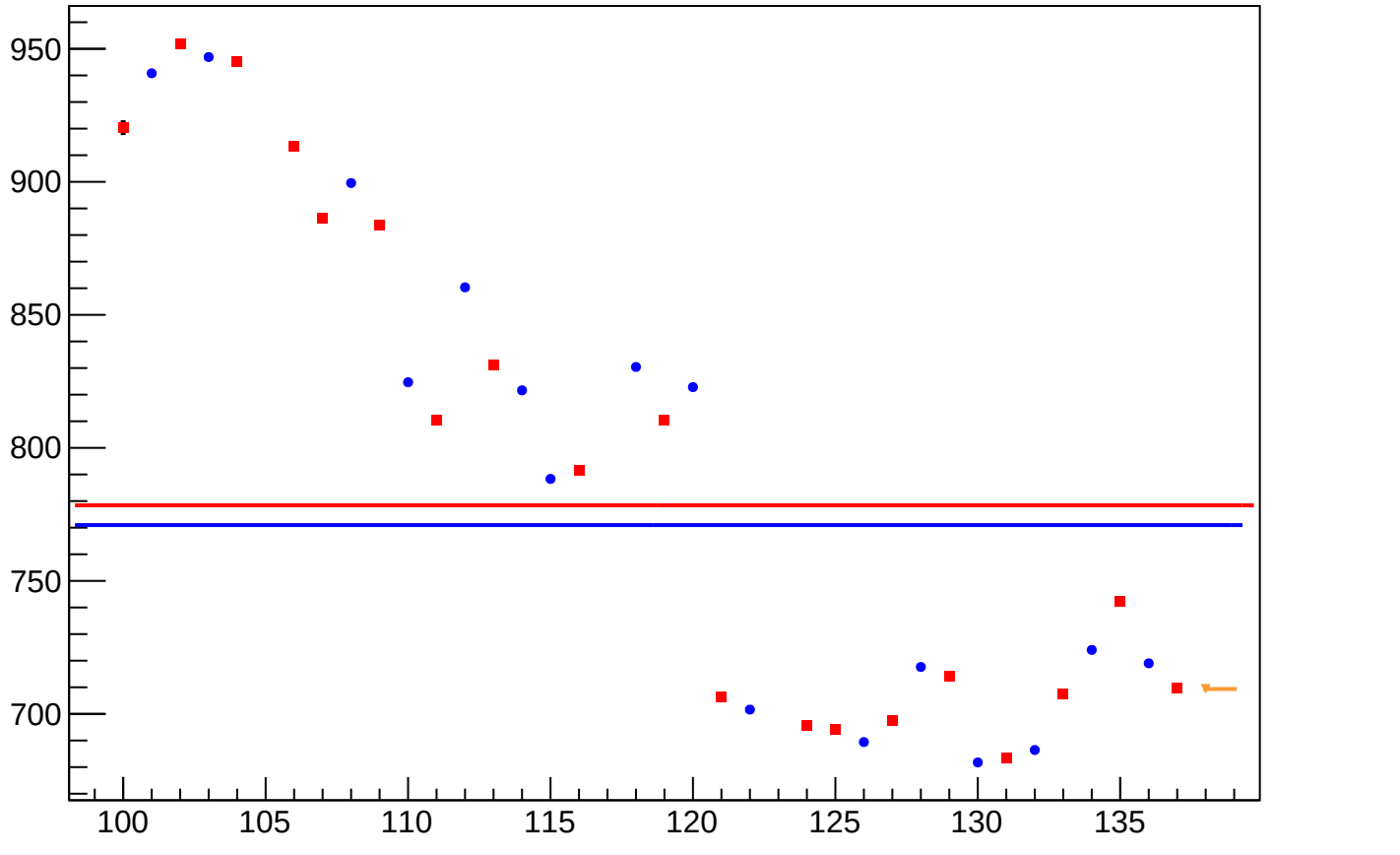
Right Out: -4.715+/-0.286 χ^2/NDF: 310.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.480+/-0.271 χ^2/NDF: 395.9/16

All: 2.222+/-0.197 χ^2/NDF: 1827.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 770.973+/-0.204 χ^2/NDF: 192911.9/15

Left Out: 709.359+/-0.568 χ^2/NDF:0.0/0

Right Out: 778.394+/-0.202 χ^2/NDF: 196544.2/18

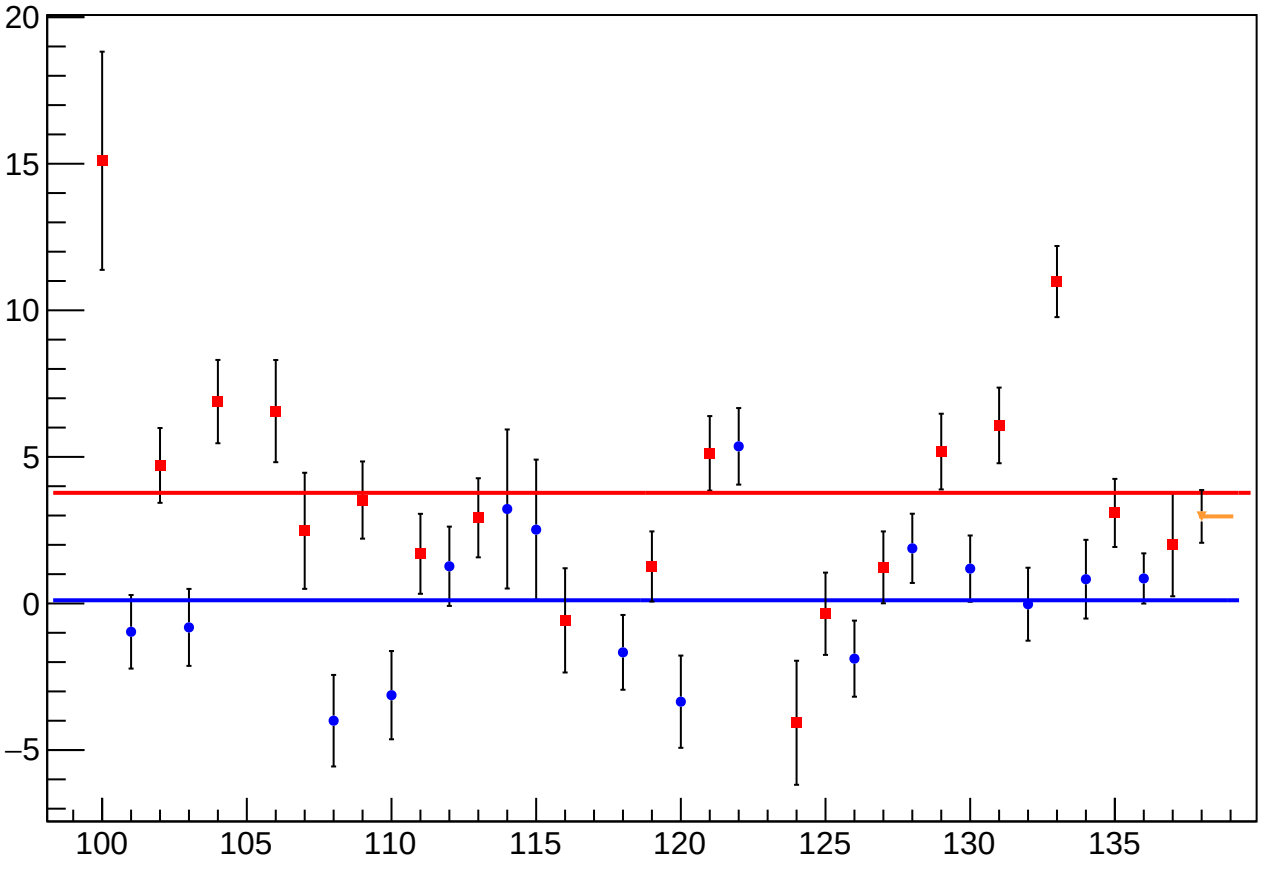
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 763.945+/-0.192 χ^2/NDF: 203326.7/16

All: 770.798+/-0.139 χ^2/NDF: 402559.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: 0.109+/-0.330 χ^2/NDF: 45.4/15

Left Out: 2.970+/-0.900 χ^2/NDF:0.0/0

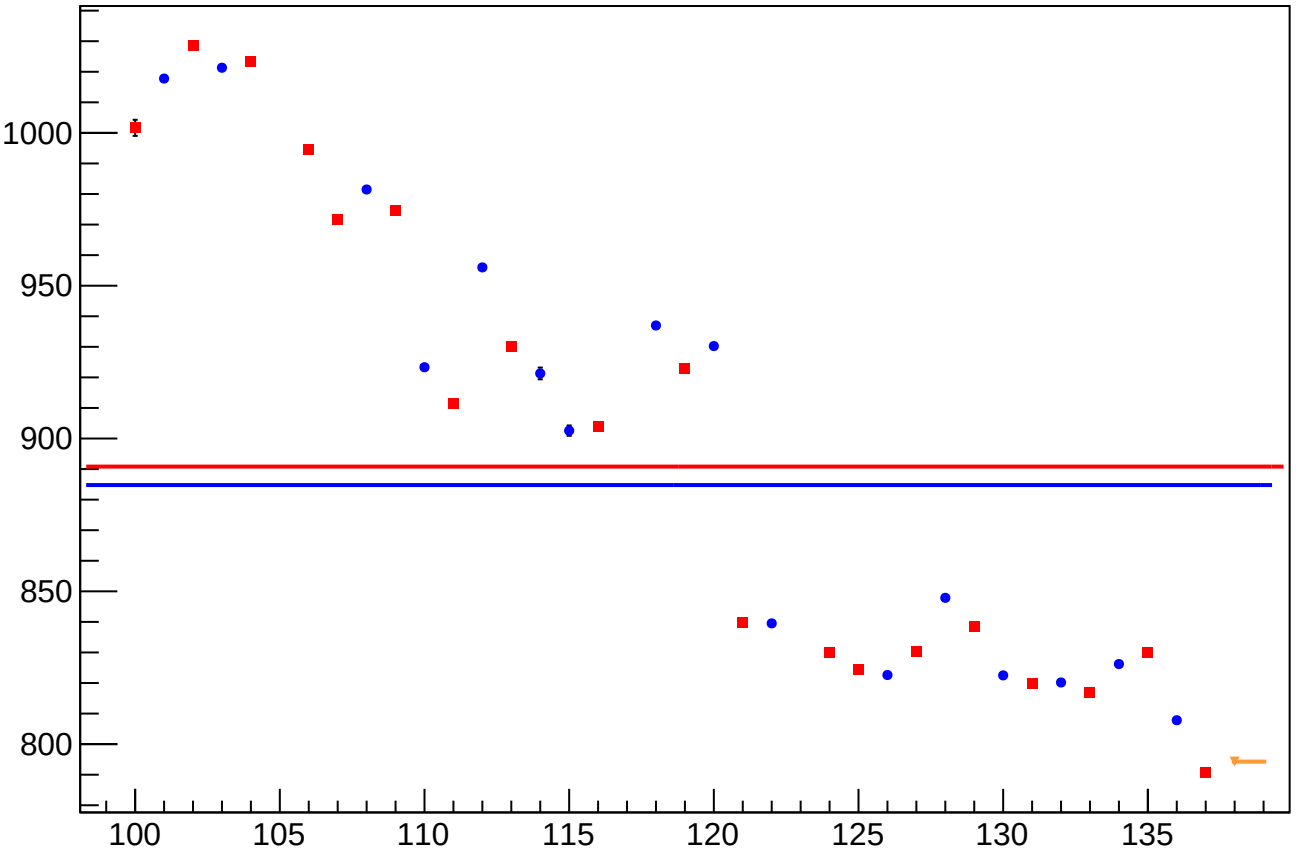
Right Out: 3.774+/-0.326 χ^2/NDF: 99.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.448+/-0.310 χ^2/NDF: 54.3/16

All: 2.026+/-0.225 χ^2/NDF: 208.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 884.773+/-0.233 χ^2/NDF: 104494.1/15

Left Out: 794.280+/-0.636 χ^2/NDF:0.0/0

Right Out: 890.815+/-0.231 χ^2/NDF: 107763.6/18

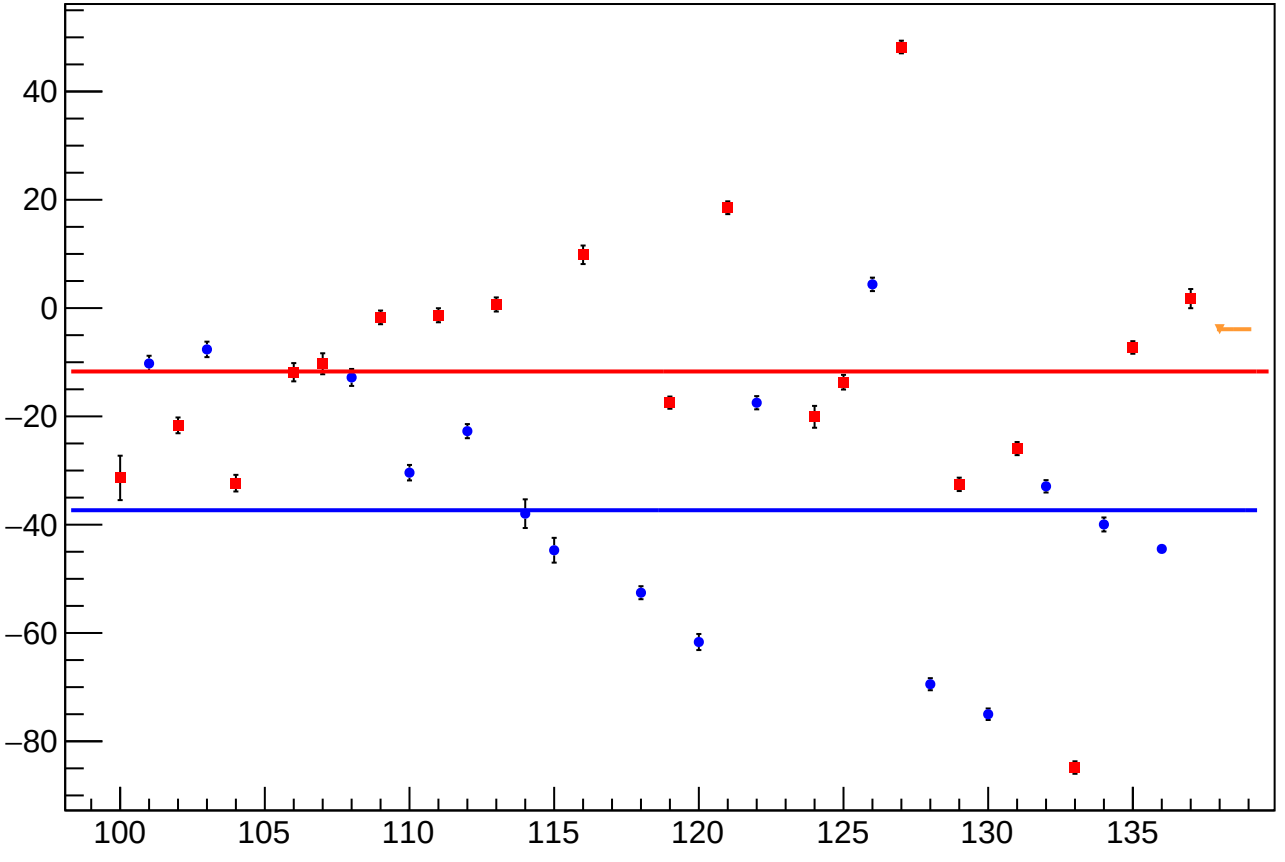
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 874.048+/-0.219 χ^2/NDF: 122329.5/16

All: 882.001+/-0.159 χ^2/NDF: 232873.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -37.330+/-0.322 χ^2/NDF: 5184.7/15

Left Out: -3.904+/-0.893 χ^2/NDF:0.0/0

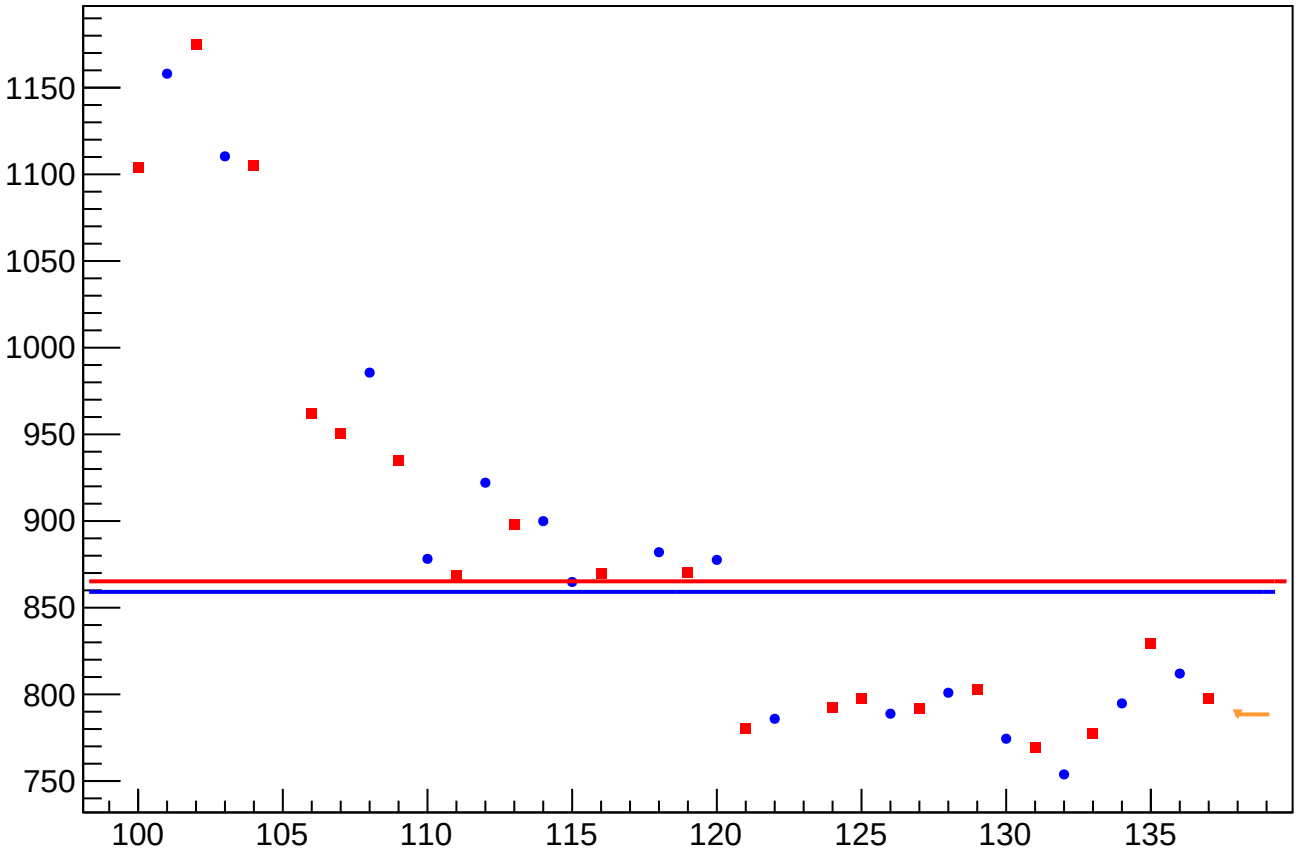
Right Out: -11.706+/-0.318 χ^2/NDF: 8463.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -33.489+/-0.303 χ^2/NDF: 6425.0/16

All: -23.132+/-0.219 χ^2/NDF: 17351.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 859.126+/-0.228 χ^2/NDF: 228710.0/15

Left Out: 788.451+/-0.631 χ^2/NDF:0.0/0

Right Out: 865.213+/-0.225 χ^2/NDF: 223669.1/18

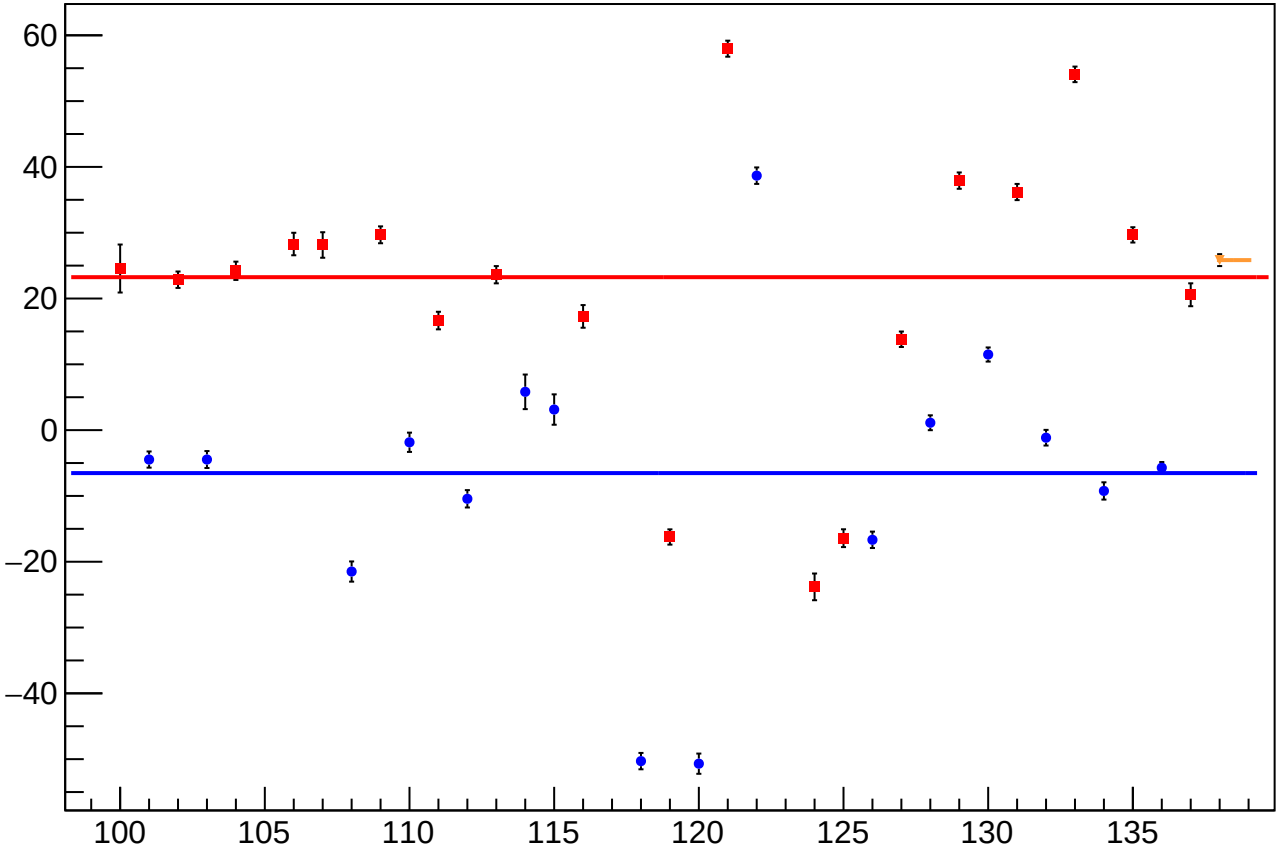
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 851.005+/-0.214 χ^2/NDF: 239799.6/16

All: 857.761+/-0.155 χ^2/NDF: 465564.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -6.529+/-0.321 χ^2/NDF: 3946.1/15

Left Out: 25.837+/-0.907 χ^2/NDF:0.0/0

Right Out: 23.244+/-0.317 χ^2/NDF: 4470.0/18

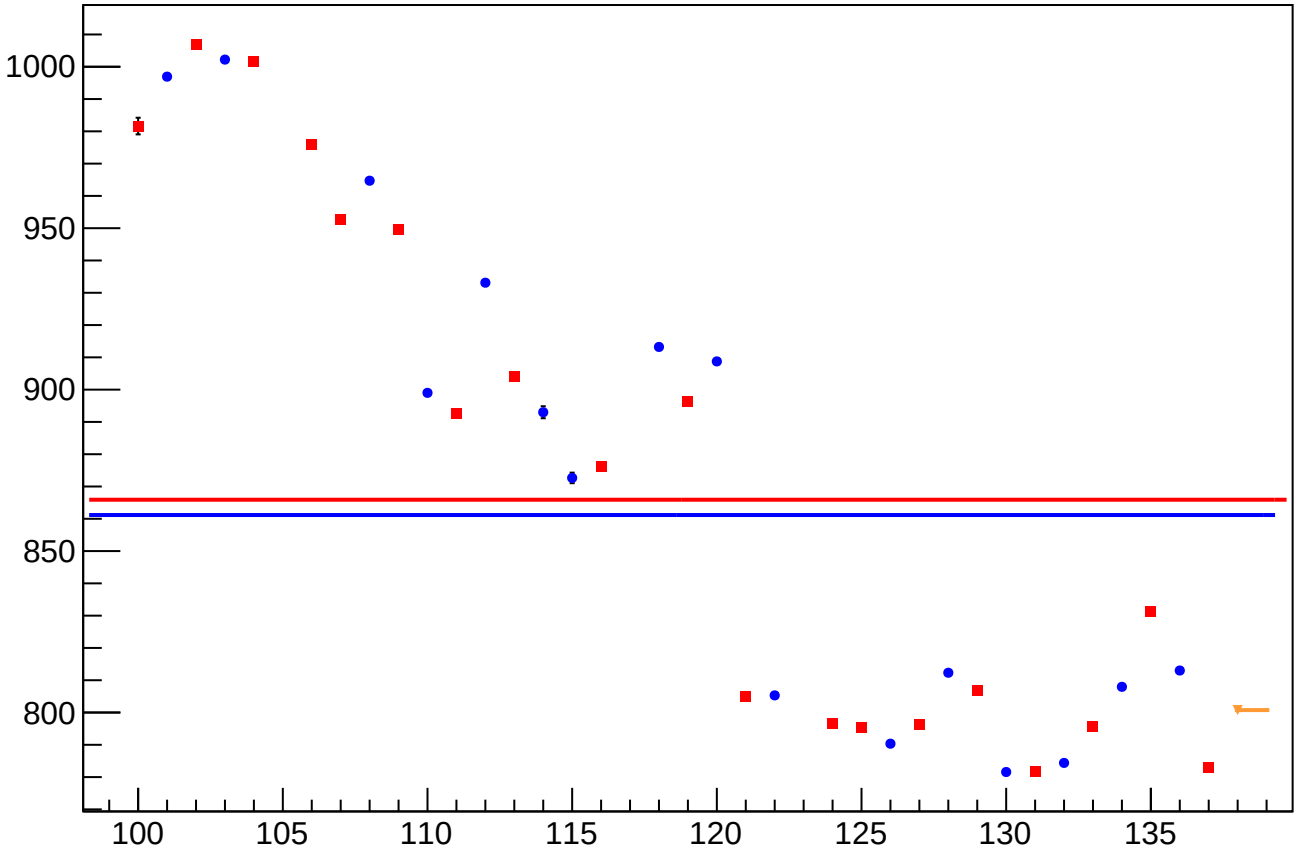
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.921+/-0.303 χ^2/NDF: 5077.8/16

All: 9.559+/-0.219 χ^2/NDF: 13110.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm2i02Y_rms vs Slug



Right In: 861.169+/-0.227 χ^2/NDF: 113529.7/15

Left Out: 800.755+/-0.641 χ^2/NDF:0.0/0

Right Out: 865.907+/-0.224 χ^2/NDF: 118418.0/18

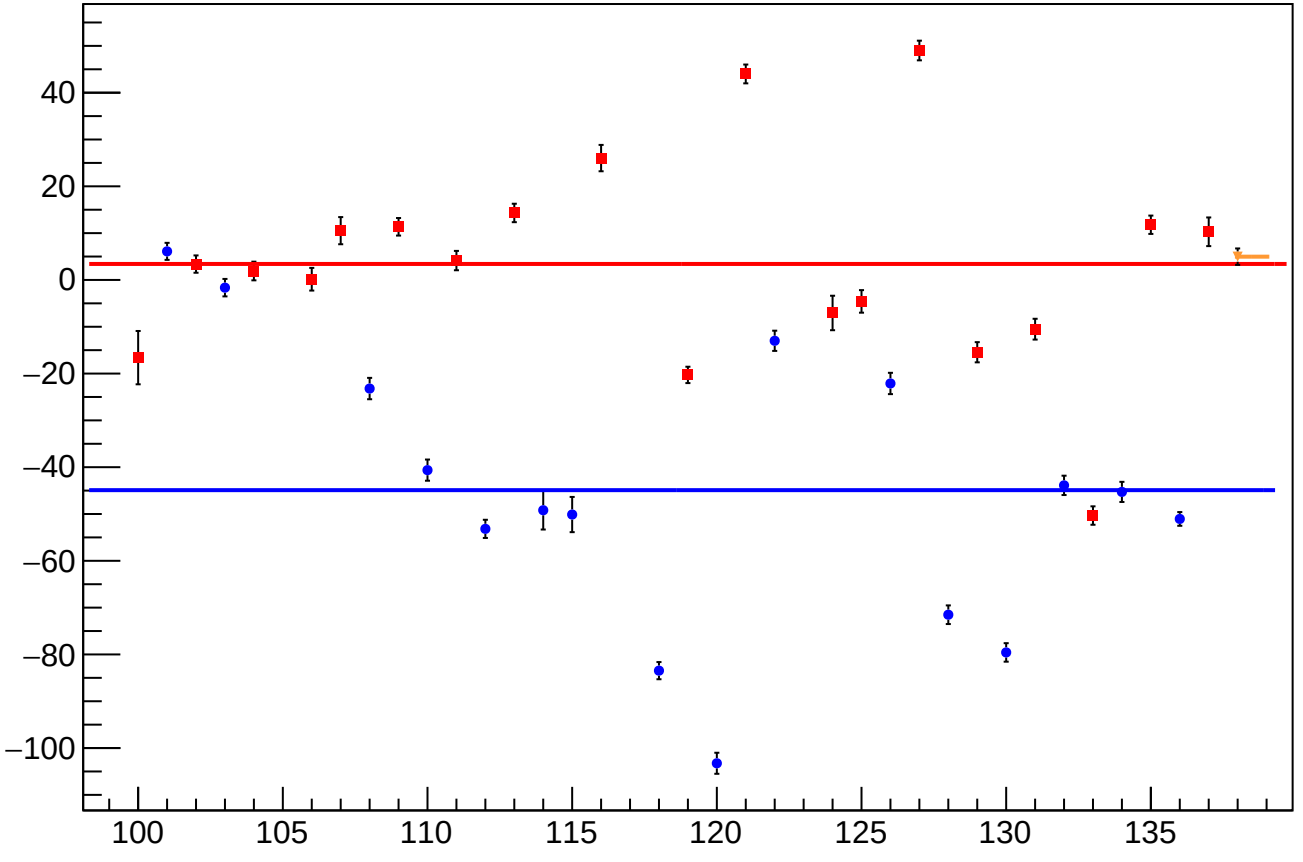
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 854.437+/-0.214 χ^2/NDF: 121415.6/16

All: 859.908+/-0.155 χ^2/NDF: 241203.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -44.905+/-0.520 χ^2/NDF: 3377.6/15

Left Out: 4.973+/-1.755 χ^2/NDF:0.0/0

Right Out: 3.416+/-0.509 χ^2/NDF: 2102.1/18

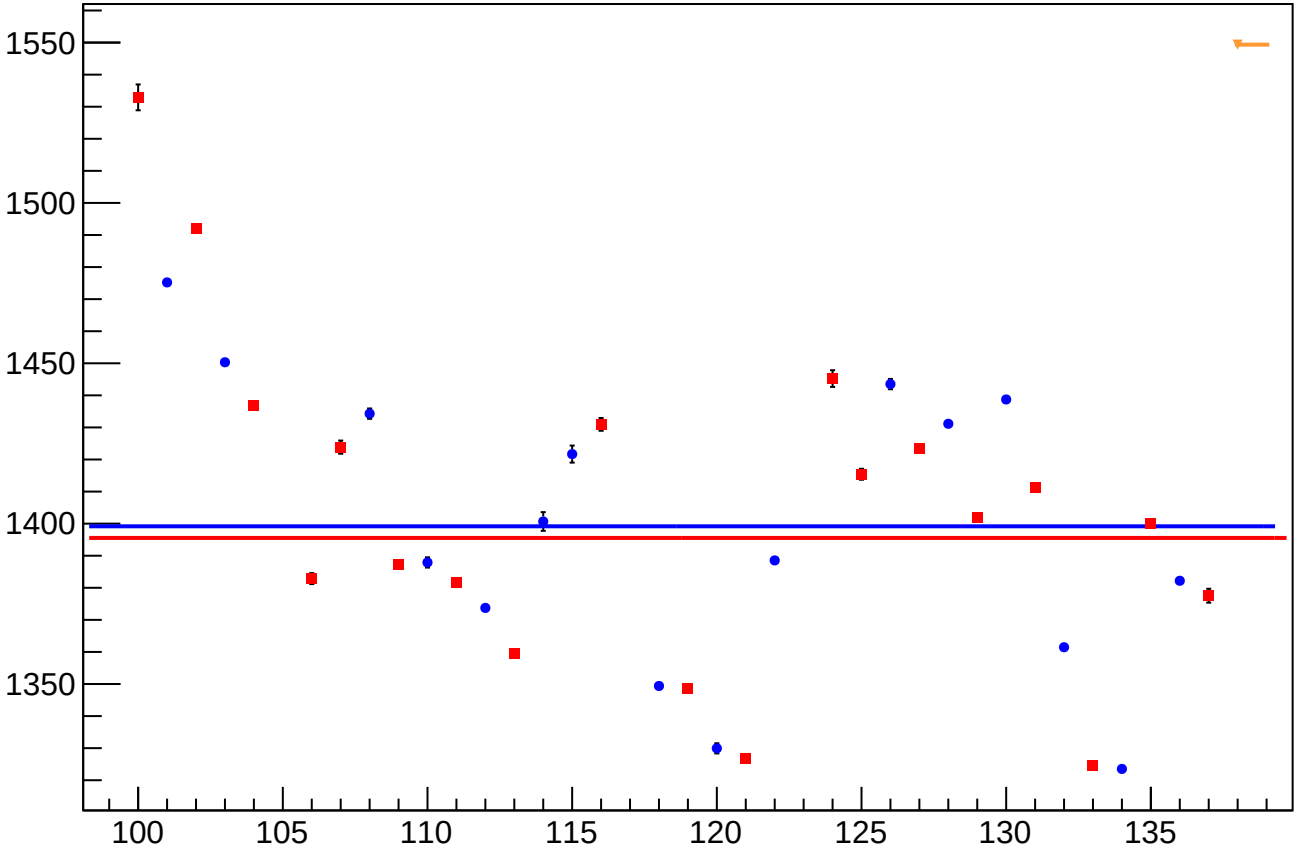
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -40.882+/-0.498 χ^2/NDF: 4120.0/16

All: -19.202+/-0.356 χ^2/NDF: 10086.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02X_rms vs Slug



Right In: 1399.172+/-0.368 χ^2/NDF: 14844.1/15

Left Out: 1549.352+/-1.241 χ^2/NDF:0.0/0

Right Out: 1395.546+/-0.360 χ^2/NDF: 16240.9/18

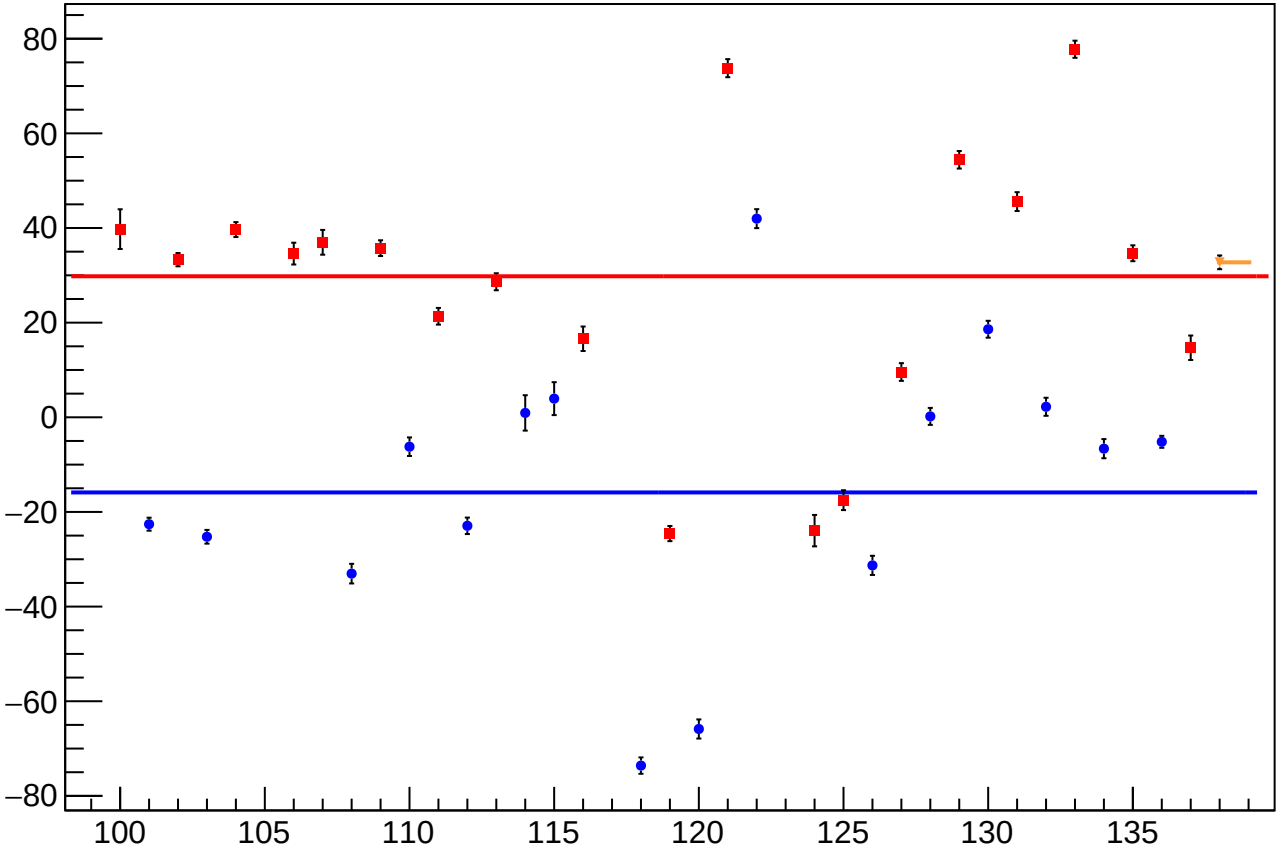
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1411.285+/-0.352 χ^2/NDF: 28304.3/16

All: 1403.582+/-0.252 χ^2/NDF: 45521.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -15.878+/-0.455 χ^2/NDF: 3477.8/15

Left Out: 32.747+/-1.455 χ^2/NDF:0.0/0

Right Out: 29.801+/-0.444 χ^2/NDF: 3681.2/18

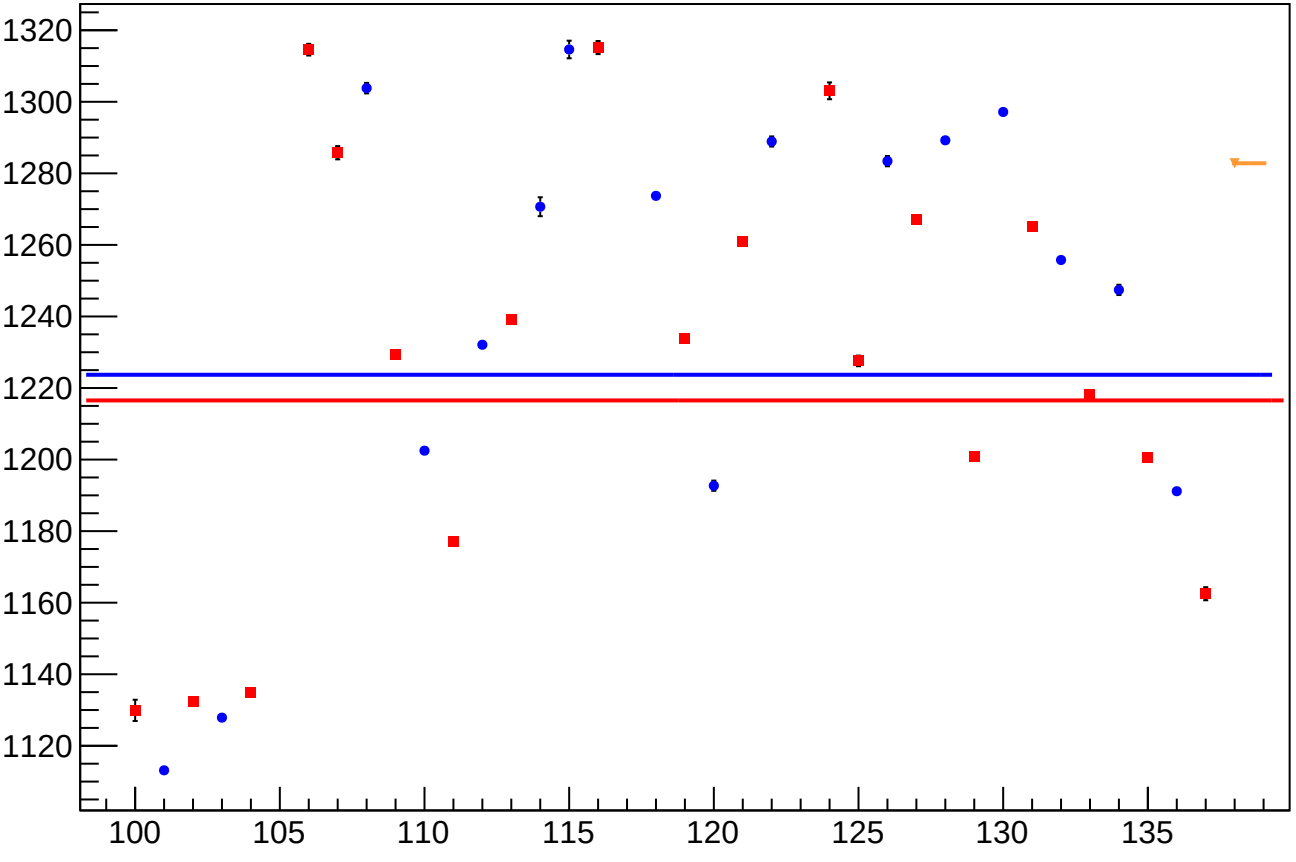
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -11.541+/-0.434 χ^2/NDF: 4495.5/16

All: 8.664+/-0.311 χ^2/NDF: 12602.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02Y_rms vs Slug



Right In: 1223.702+/-0.322 χ^2/NDF: 40883.8/15

Left Out: 1282.816+/-1.029 χ^2/NDF:0.0/0

Right Out: 1216.533+/-0.314 χ^2/NDF: 29381.0/18

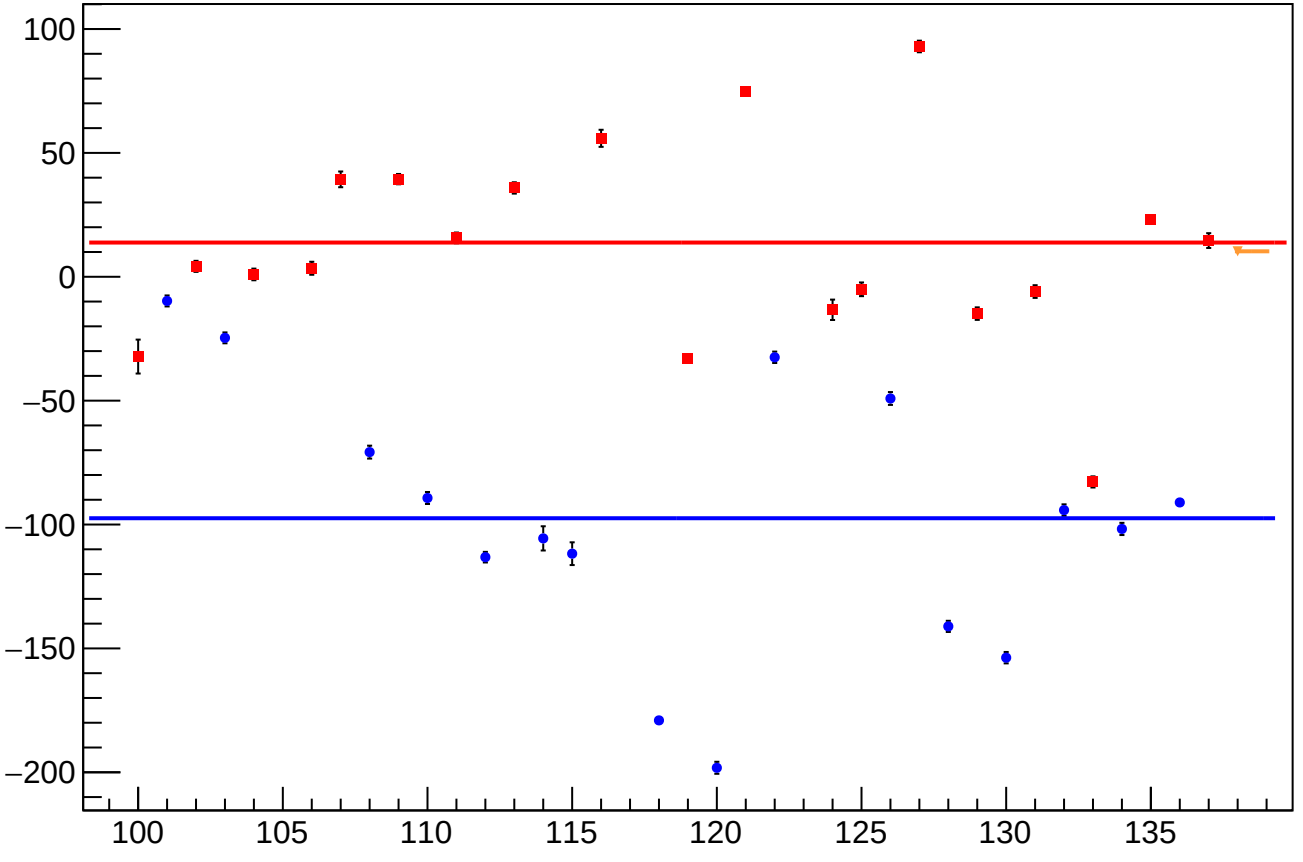
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1228.975+/-0.307 χ^2/NDF: 43892.0/16

All: 1222.894+/-0.220 χ^2/NDF: 74074.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -97.455+/-0.579 χ^2/NDF: 8300.2/15

Left Out: 10.281+/-1.827 χ^2/NDF:0.0/0

Right Out: 13.816+/-0.566 χ^2/NDF: 5352.2/18

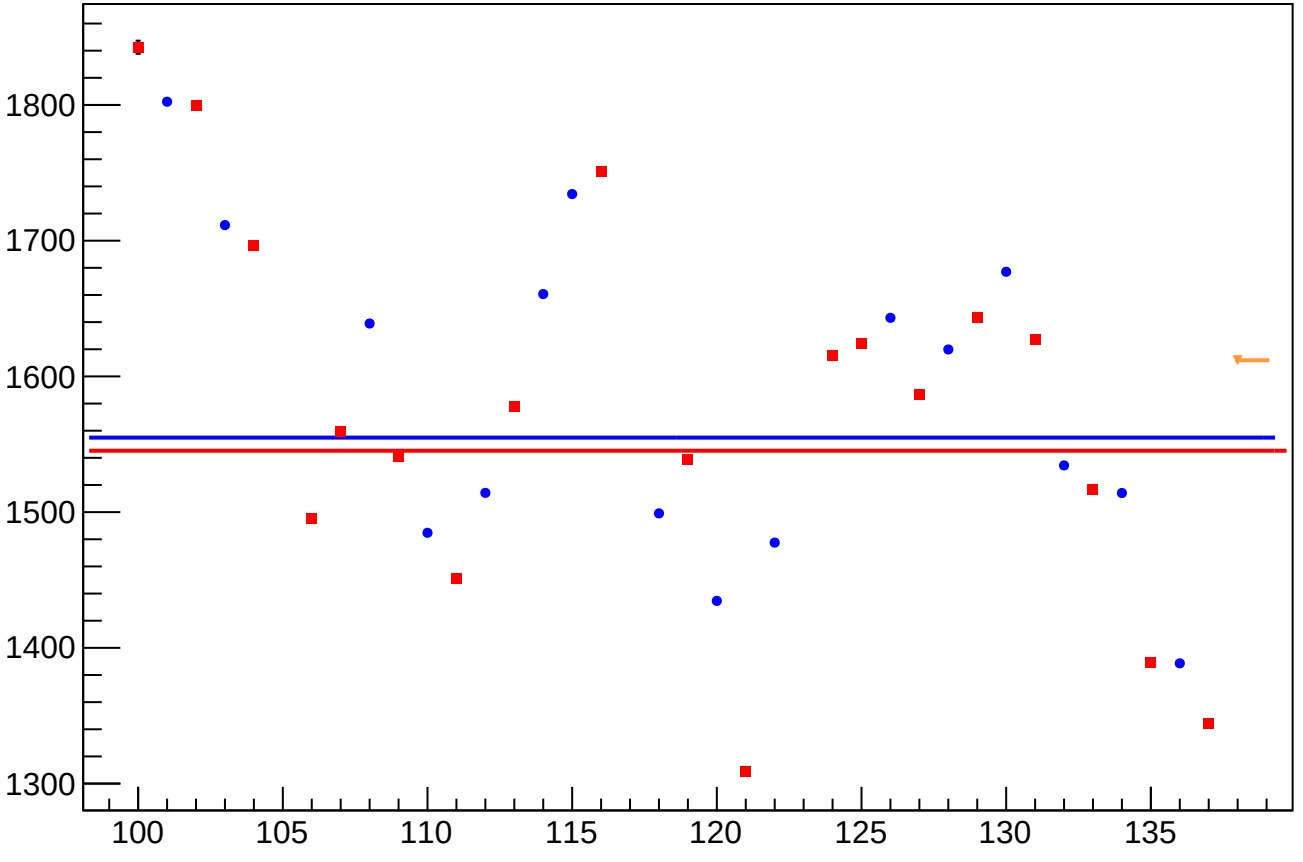
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -87.606+/-0.552 χ^2/NDF: 11460.9/16

All: -38.107+/-0.395 χ^2/NDF: 33271.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1554.908+/-0.410 χ^2/NDF: 87920.1/15

Left Out: 1611.899+/-1.292 χ^2/NDF:0.0/0

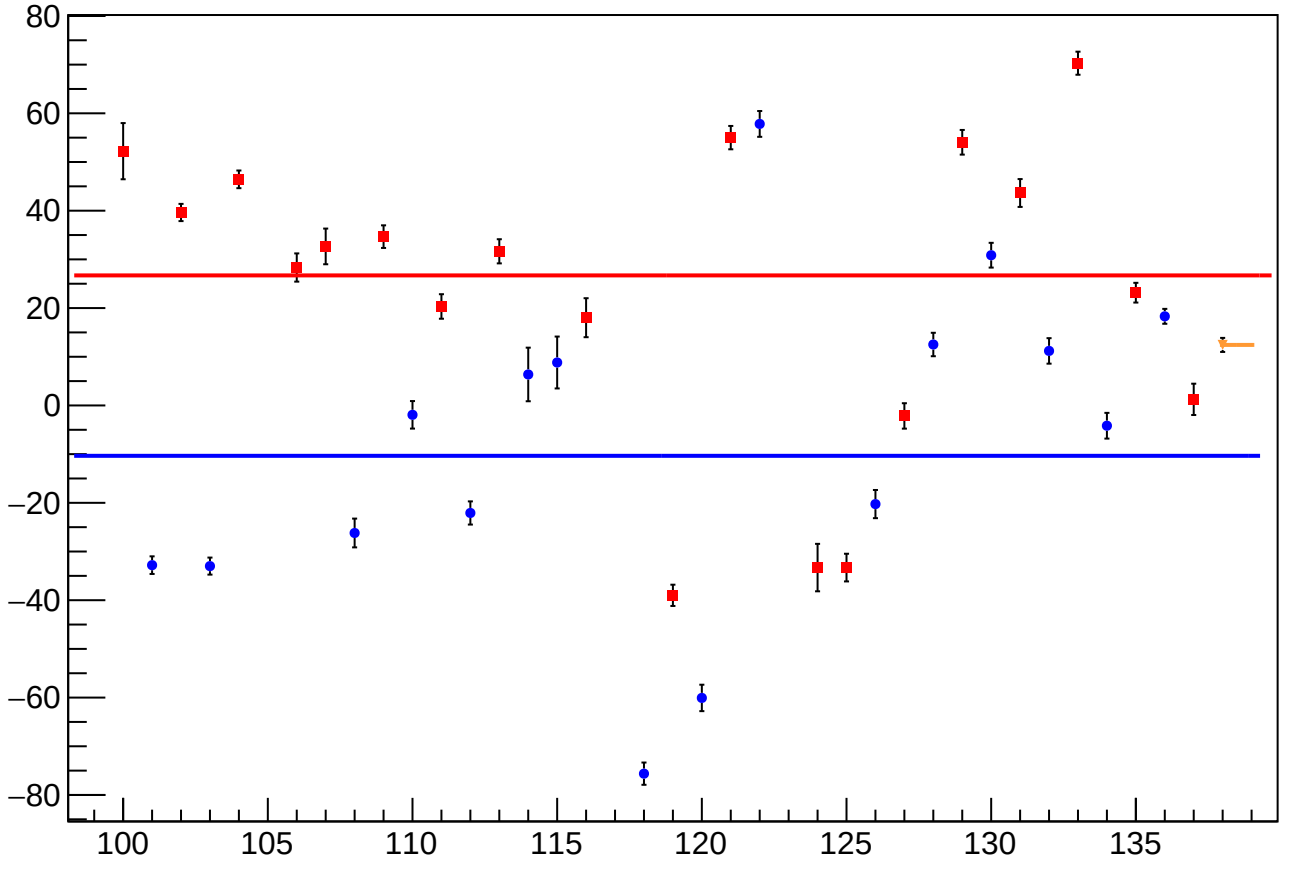
Right Out: 1545.239+/-0.400 χ^2/NDF: 108789.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1560.119+/-0.391 χ^2/NDF: 89688.9/16

All: 1552.857+/-0.279 χ^2/NDF: 199186.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -10.345+/-0.603 χ^2/NDF: 3007.0/15

Left Out: 12.432+/-1.443 χ^2/NDF:0.0/0

Right Out: 26.709+/-0.586 χ^2/NDF: 2540.7/18

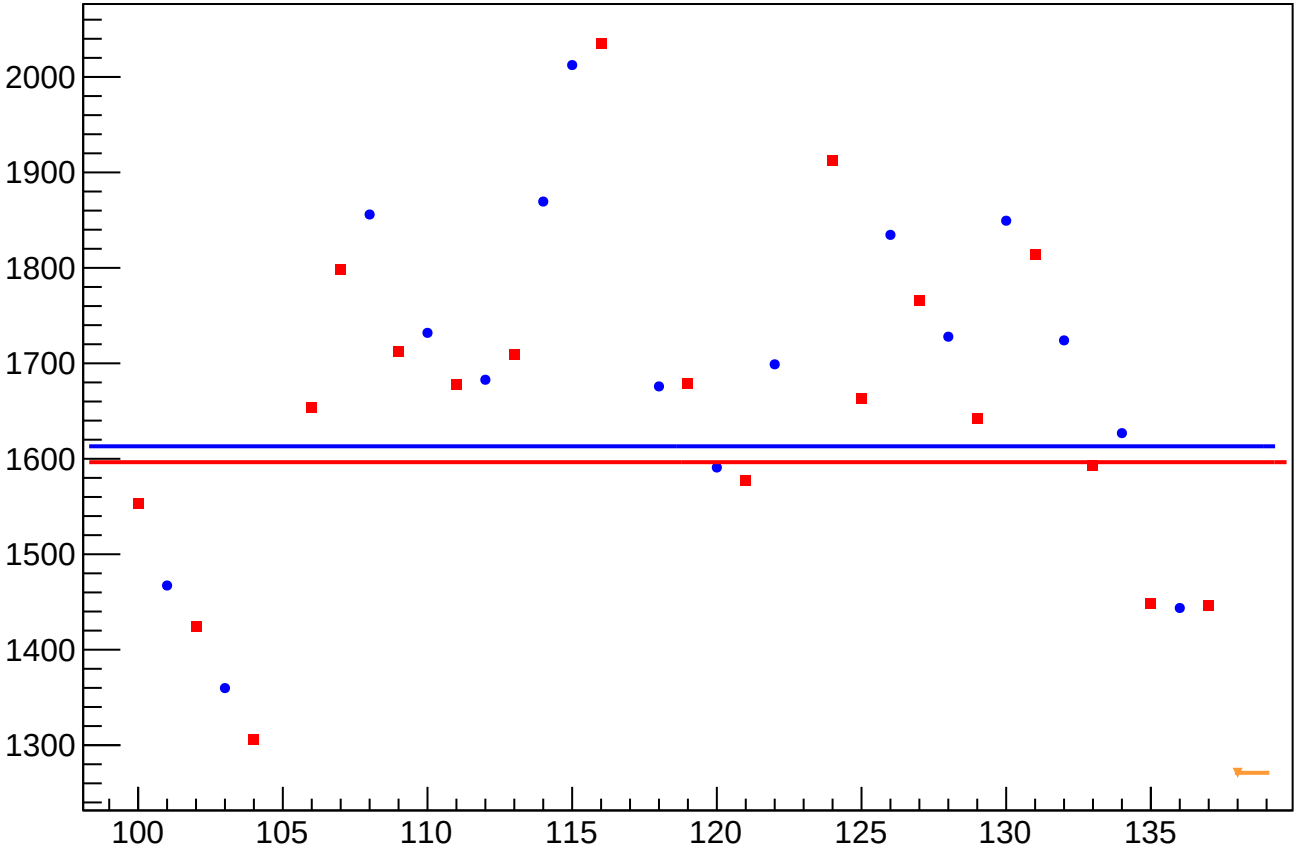
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.958+/-0.556 χ^2/NDF: 3219.1/16

All: 8.996+/-0.404 χ^2/NDF: 7494.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i02aY_rms vs Slug



Right In: 1613.094+/-0.426 χ^2/NDF: 154710.6/15

Left Out: 1271.022+/-1.020 χ^2/NDF:0.0/0

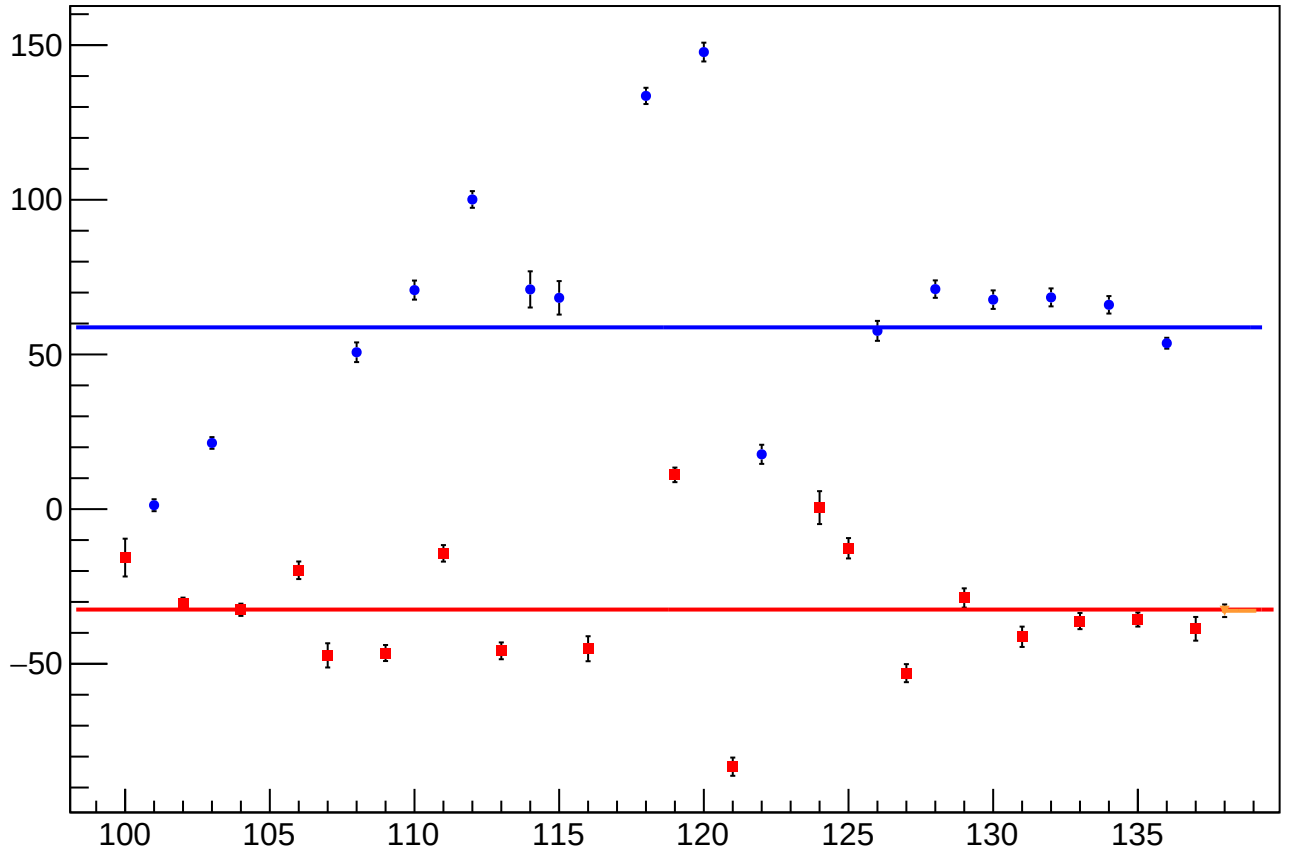
Right Out: 1596.442+/-0.415 χ^2/NDF: 160714.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1562.223+/-0.393 χ^2/NDF: 250382.6/16

All: 1578.439+/-0.285 χ^2/NDF: 414681.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 58.761+/-0.672 χ^2/NDF: 3443.3/15

Left Out: -32.856+/-2.037 χ^2/NDF:0.0/0

Right Out: -32.467+/-0.648 χ^2/NDF: 930.8/18

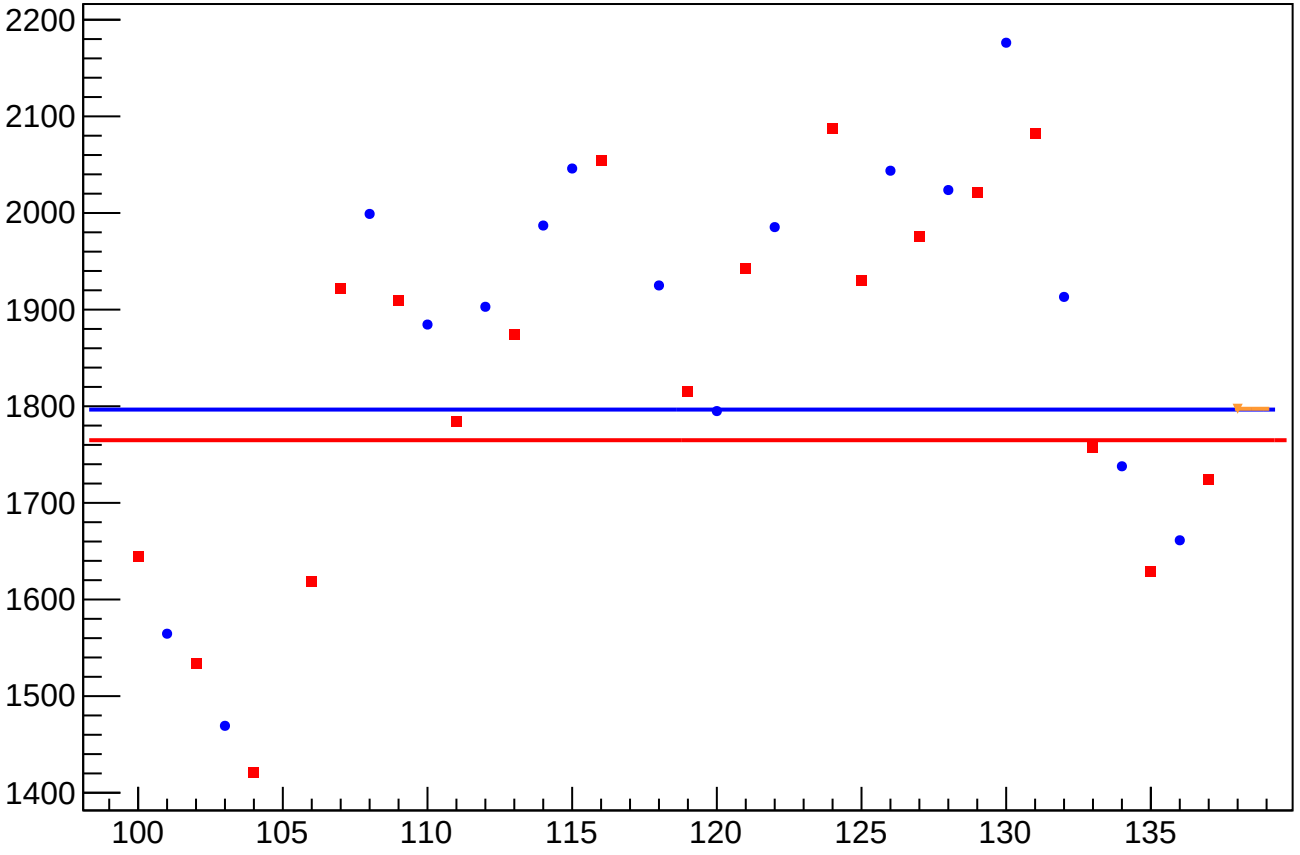
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 49.762+/-0.639 χ^2/NDF: 5266.6/16

All: 9.278+/-0.455 χ^2/NDF: 14361.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1796.555+/-0.475 χ^2/NDF: 193171.9/15

Left Out: 1797.394+/-1.441 χ^2/NDF:0.0/0

Right Out: 1764.860+/-0.459 χ^2/NDF: 189987.9/18

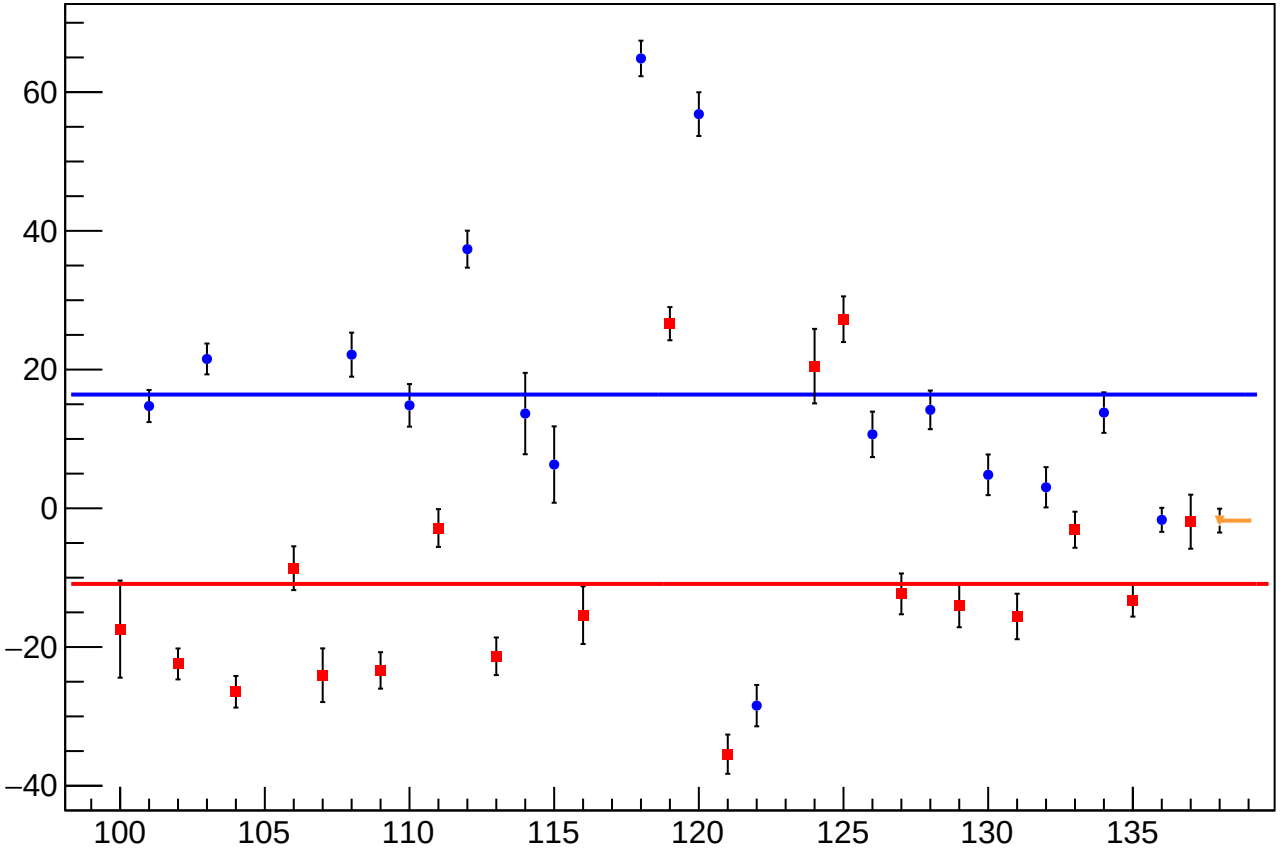
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1796.637+/-0.452 χ^2/NDF: 193172.2/16

All: 1780.992+/-0.322 χ^2/NDF: 385598.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i05Y_mean vs Slug



Right In: 16.400+/-0.695 χ^2/NDF: 973.0/15

Left Out: -1.774+/-1.720 χ^2/NDF:0.0/0

Right Out: -10.899+/-0.676 χ^2/NDF: 641.7/18

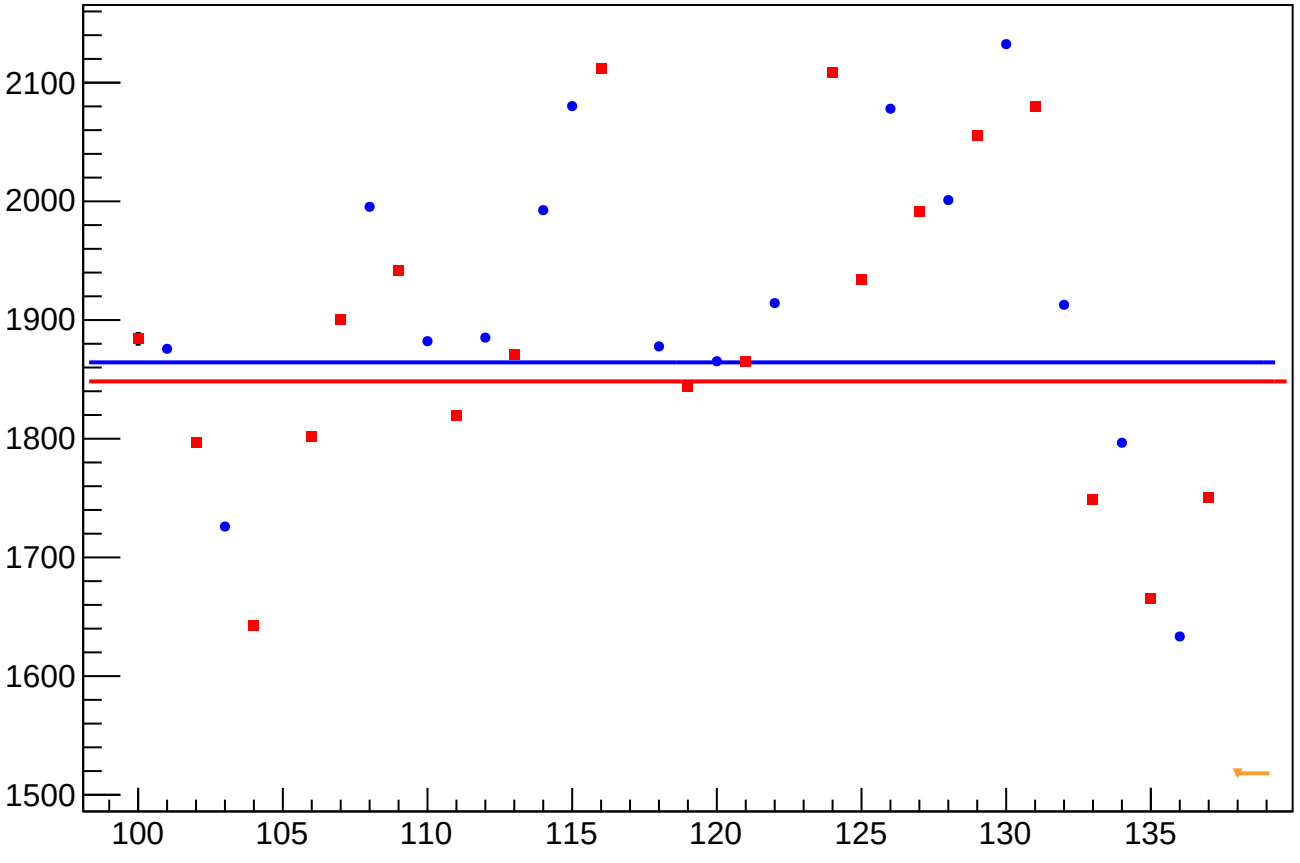
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13.850+/-0.644 χ^2/NDF: 1068.9/16

All: 2.073+/-0.467 χ^2/NDF: 2412.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1864.335+/-0.491 χ^2/NDF: 83311.5/15

Left Out: 1518.073+/-1.217 χ^2/NDF:0.0/0

Right Out: 1848.284+/-0.478 χ^2/NDF: 74956.9/18

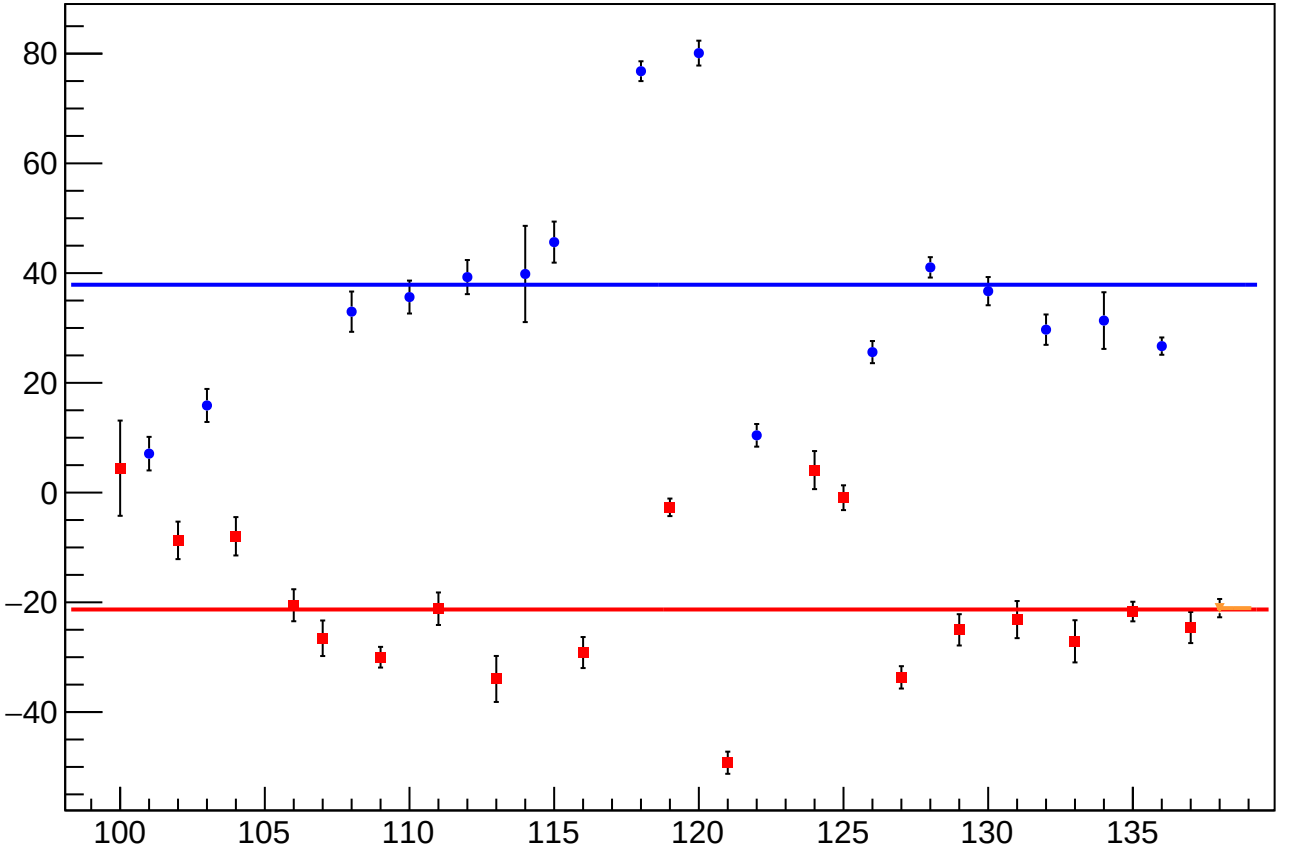
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1815.758+/-0.456 χ^2/NDF: 152963.5/16

All: 1831.236+/-0.330 χ^2/NDF: 230345.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 37.880+/-0.622 χ^2/NDF: 1249.8/15

Left Out: -21.059+/-1.666 χ^2/NDF:0.0/0

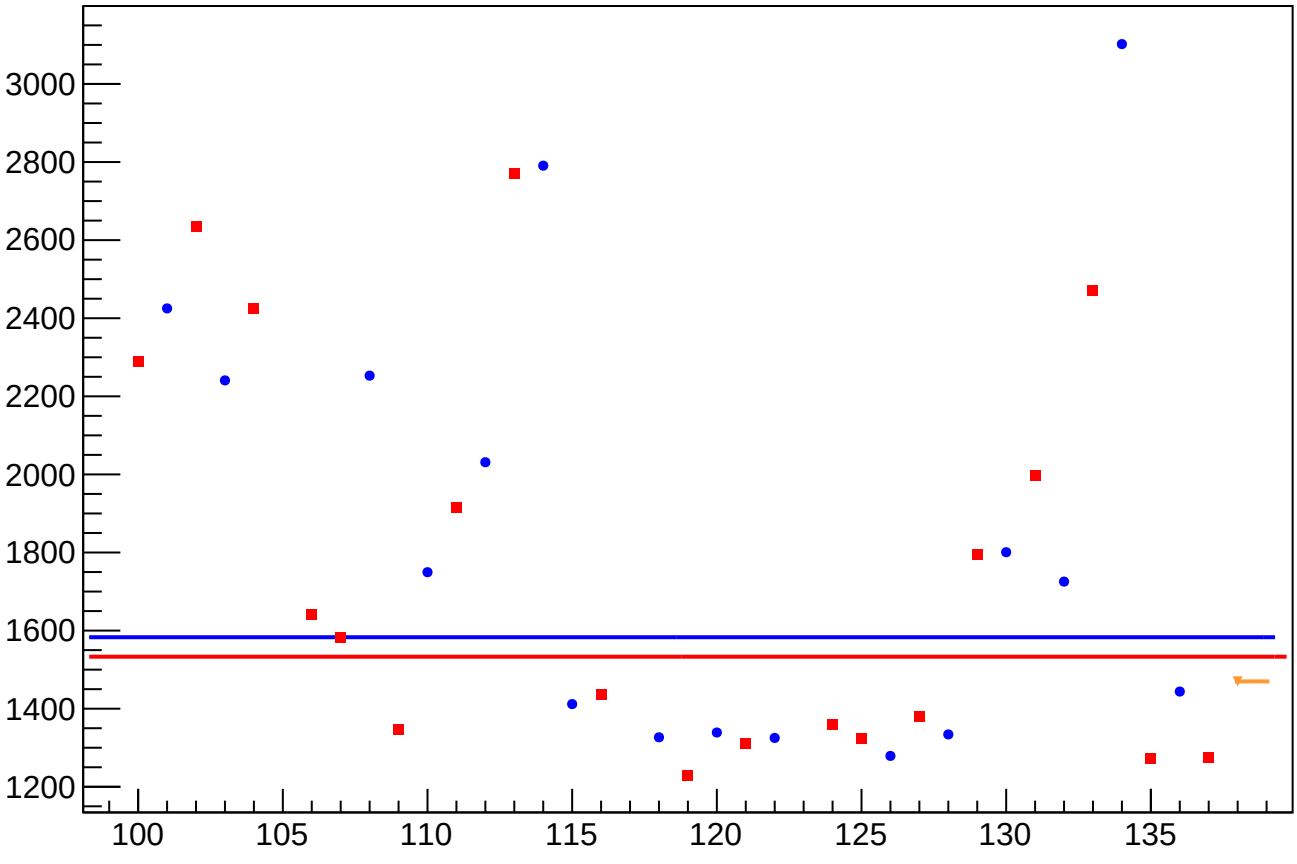
Right Out: -21.306+/-0.593 χ^2/NDF: 582.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.665+/-0.583 χ^2/NDF: 2347.7/16

All: 5.117+/-0.416 χ^2/NDF: 6836.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1583.050+/-0.440 χ^2/NDF: 787672.4/15

Left Out: 1469.936+/-1.178 χ^2/NDF:0.0/0

Right Out: 1533.190+/-0.419 χ^2/NDF: 950777.4/18

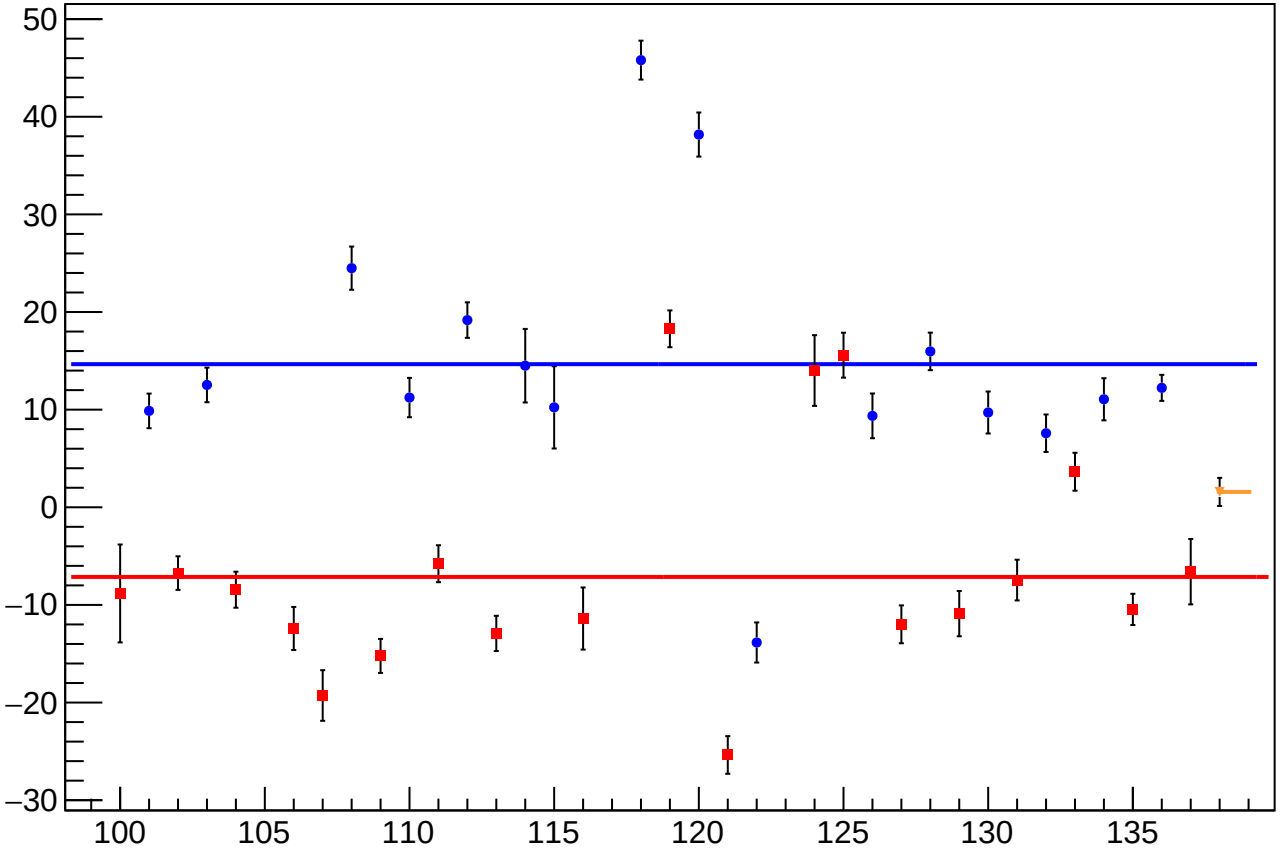
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1569.202+/-0.412 χ^2/NDF: 795760.3/16

All: 1551.499+/-0.294 χ^2/NDF: 1750288.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 14.658+/-0.504 χ^2/NDF: 614.8/15

Left Out: 1.573+/-1.439 χ^2/NDF:0.0/0

Right Out: -7.135+/-0.483 χ^2/NDF: 509.4/18

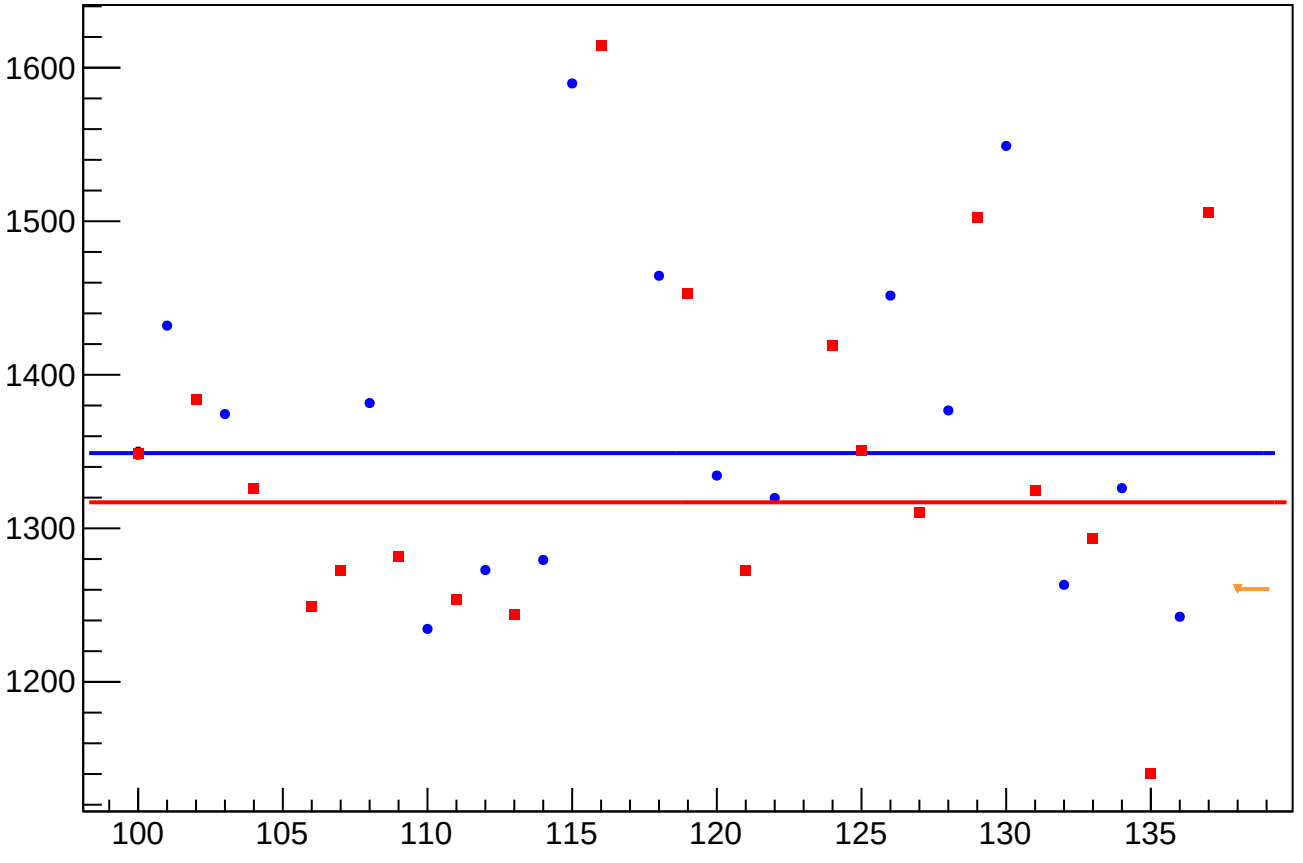
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13.225+/-0.476 χ^2/NDF: 688.4/16

All: 3.196+/-0.339 χ^2/NDF: 2098.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1349.000+/-0.357 χ^2/NDF: 68383.7/15

Left Out: 1260.439+/-1.017 χ^2/NDF:0.0/0

Right Out: 1316.961+/-0.342 χ^2/NDF: 86873.7/18

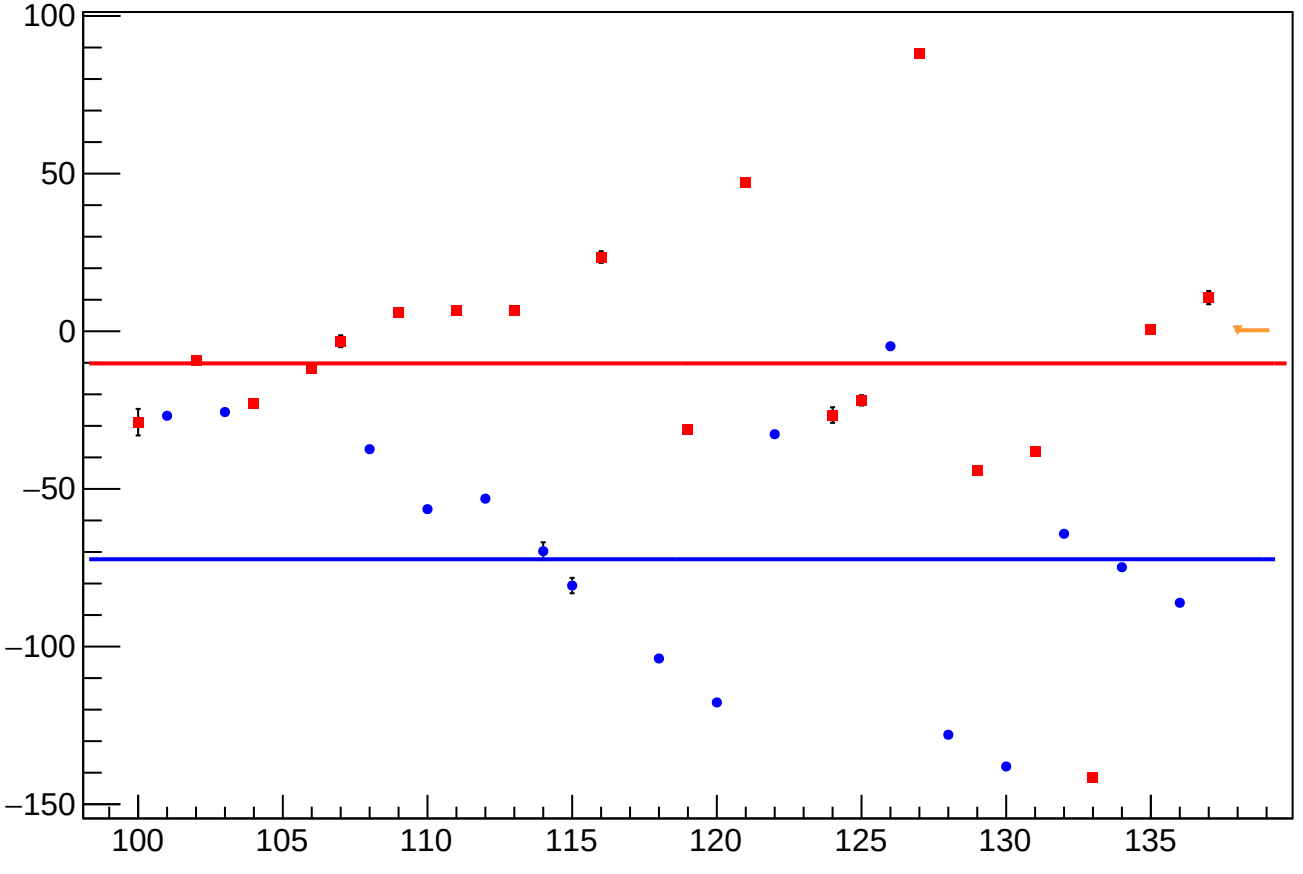
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1339.302+/-0.337 χ^2/NDF: 75133.0/16

All: 1328.297+/-0.240 χ^2/NDF: 164176.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -72.304+/-0.349 χ^2/NDF: 12153.8/15

Left Out: 0.316+/-1.014 χ^2/NDF:0.0/0

Right Out: -10.188+/-0.345 χ^2/NDF: 19045.9/18

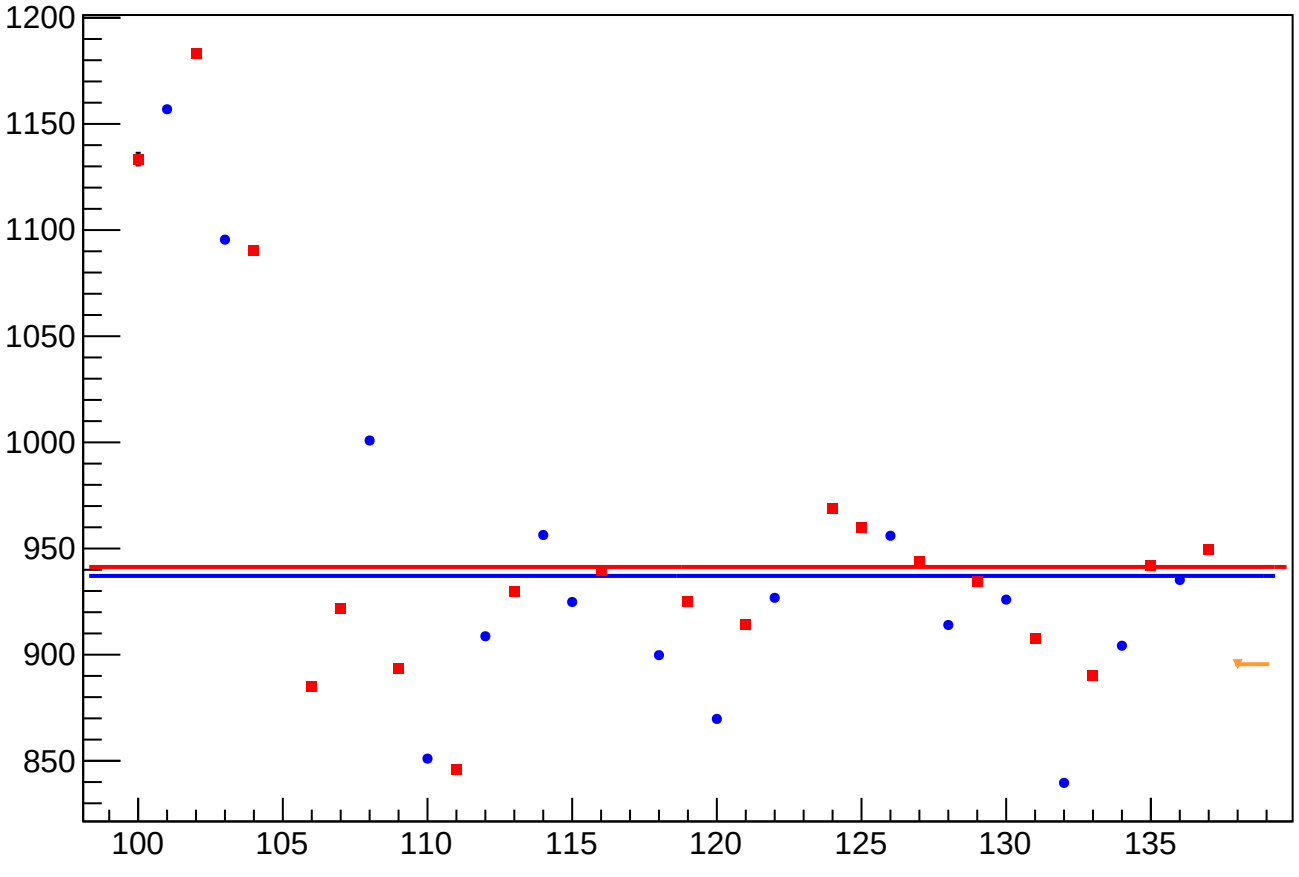
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -64.597+/-0.330 χ^2/NDF: 16737.1/16

All: -38.533+/-0.238 χ^2/NDF: 48774.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 937.097+/-0.247 χ^2/NDF: 104660.4/15

Left Out: 895.514+/-0.717 χ^2/NDF:0.0/0

Right Out: 941.323+/-0.244 χ^2/NDF: 101031.2/18

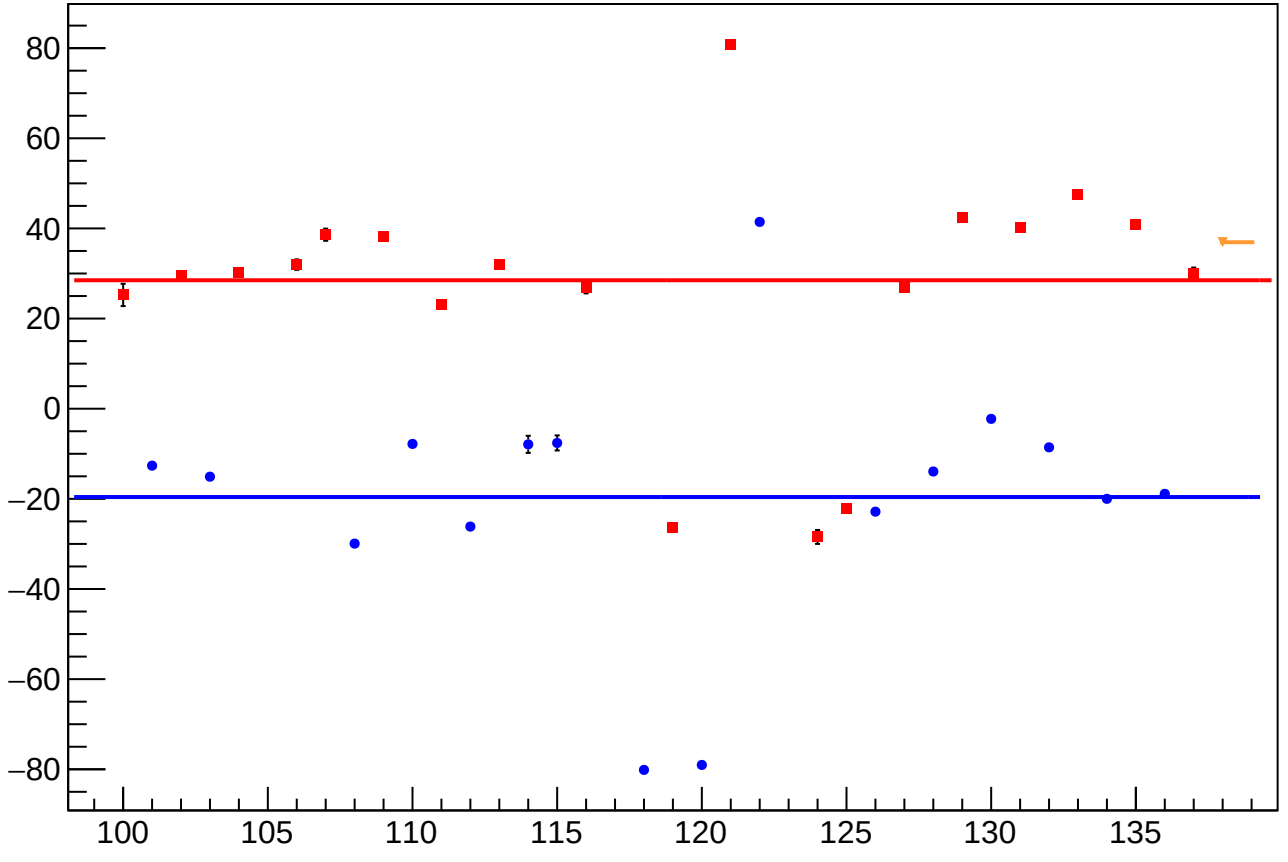
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 932.684+/-0.234 χ^2/NDF: 107666.0/16

All: 936.822+/-0.169 χ^2/NDF: 209352.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -19.597+/-0.234 χ^2/NDF: 13170.1/15

Left Out: 36.941+/-0.717 χ^2/NDF:0.0/0

Right Out: 28.496+/-0.230 χ^2/NDF: 12971.2/18

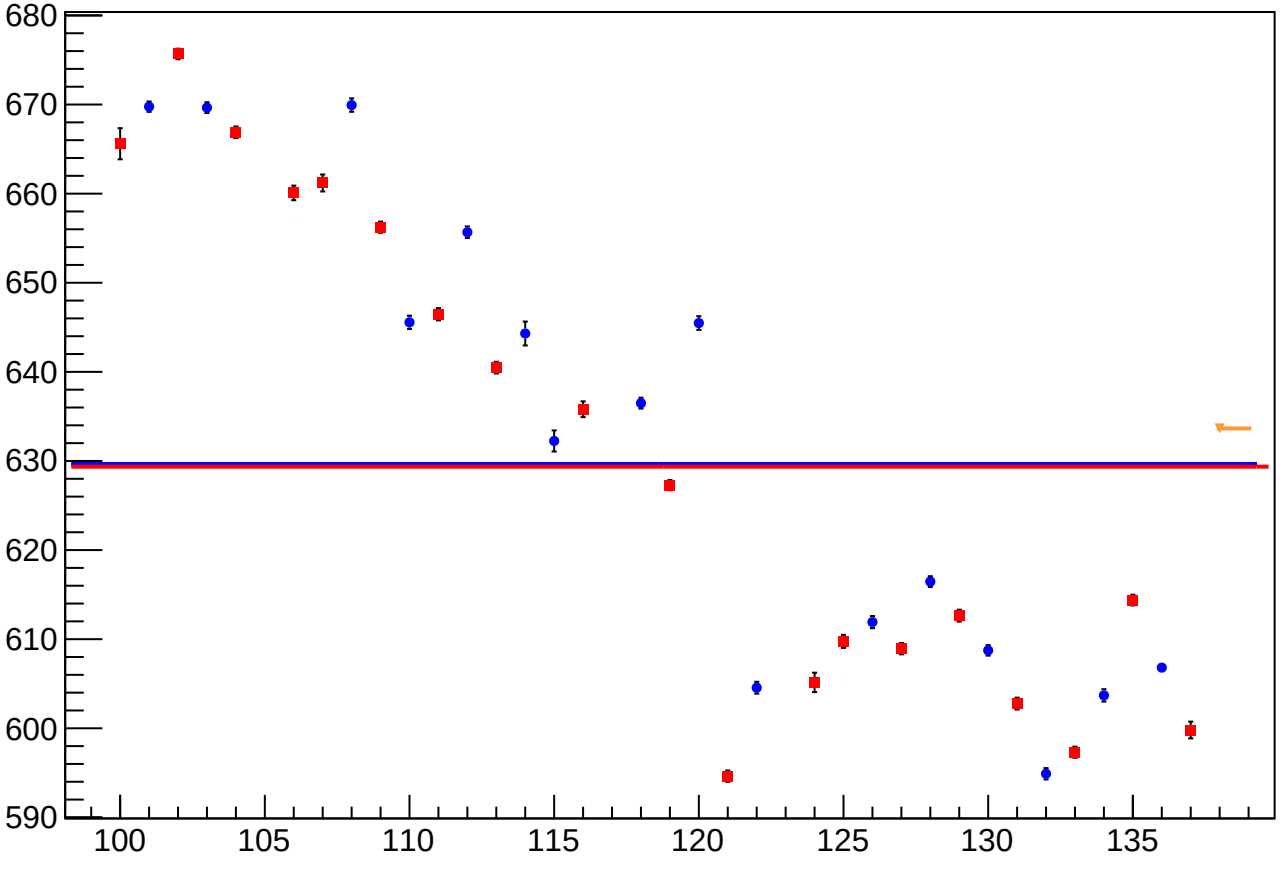
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -14.157+/-0.223 χ^2/NDF: 18784.4/16

All: 6.494+/-0.160 χ^2/NDF: 49546.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 629.660+/-0.166 χ^2/NDF: 25315.5/15

Left Out: 633.650+/-0.507 χ^2/NDF:0.0/0

Right Out: 629.361+/-0.162 χ^2/NDF: 26791.2/18

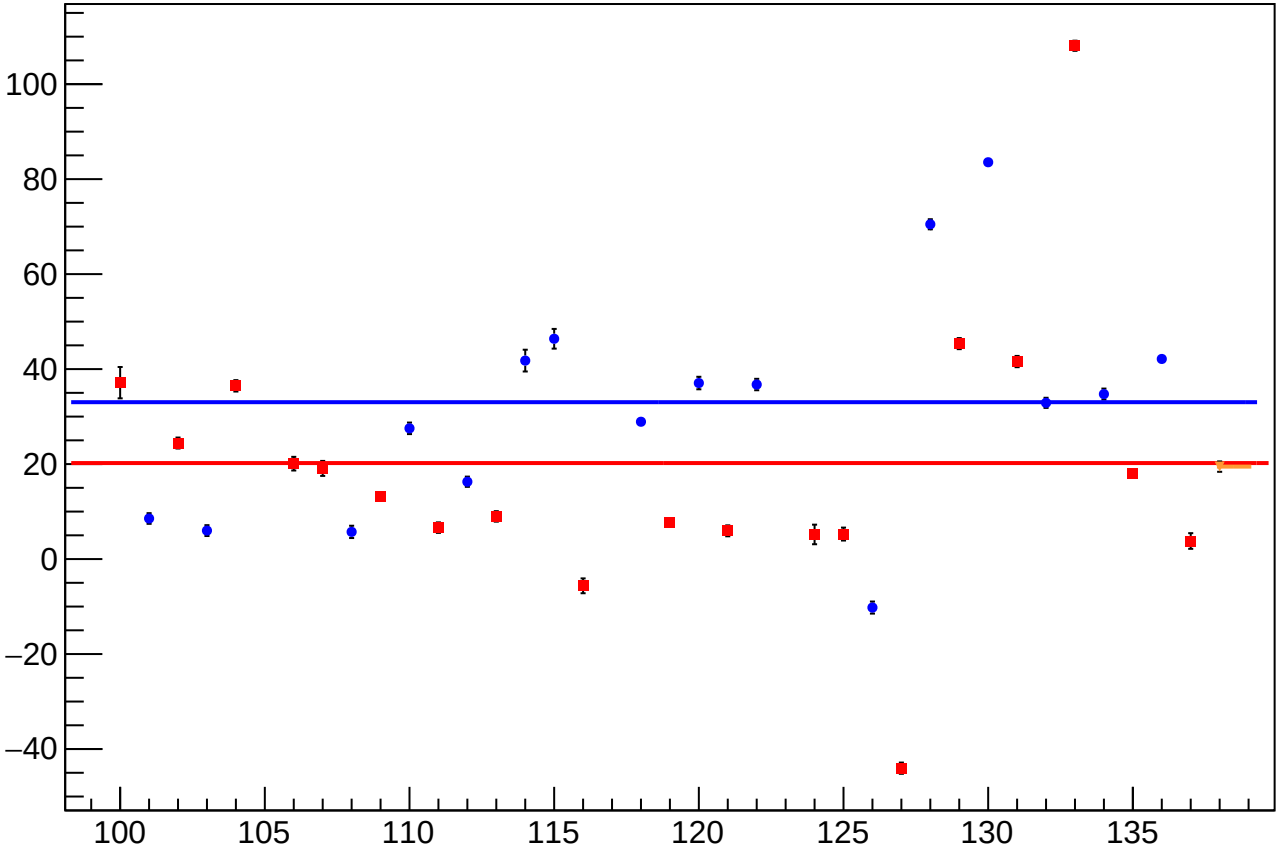
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 630.044+/-0.157 χ^2/NDF: 25371.4/16

All: 629.713+/-0.113 χ^2/NDF: 52171.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 33.033+/-0.289 χ^2/NDF: 6700.1/15

Left Out: 19.469+/-1.093 χ^2/NDF:0.0/0

Right Out: 20.215+/-0.286 χ^2/NDF: 11869.7/18

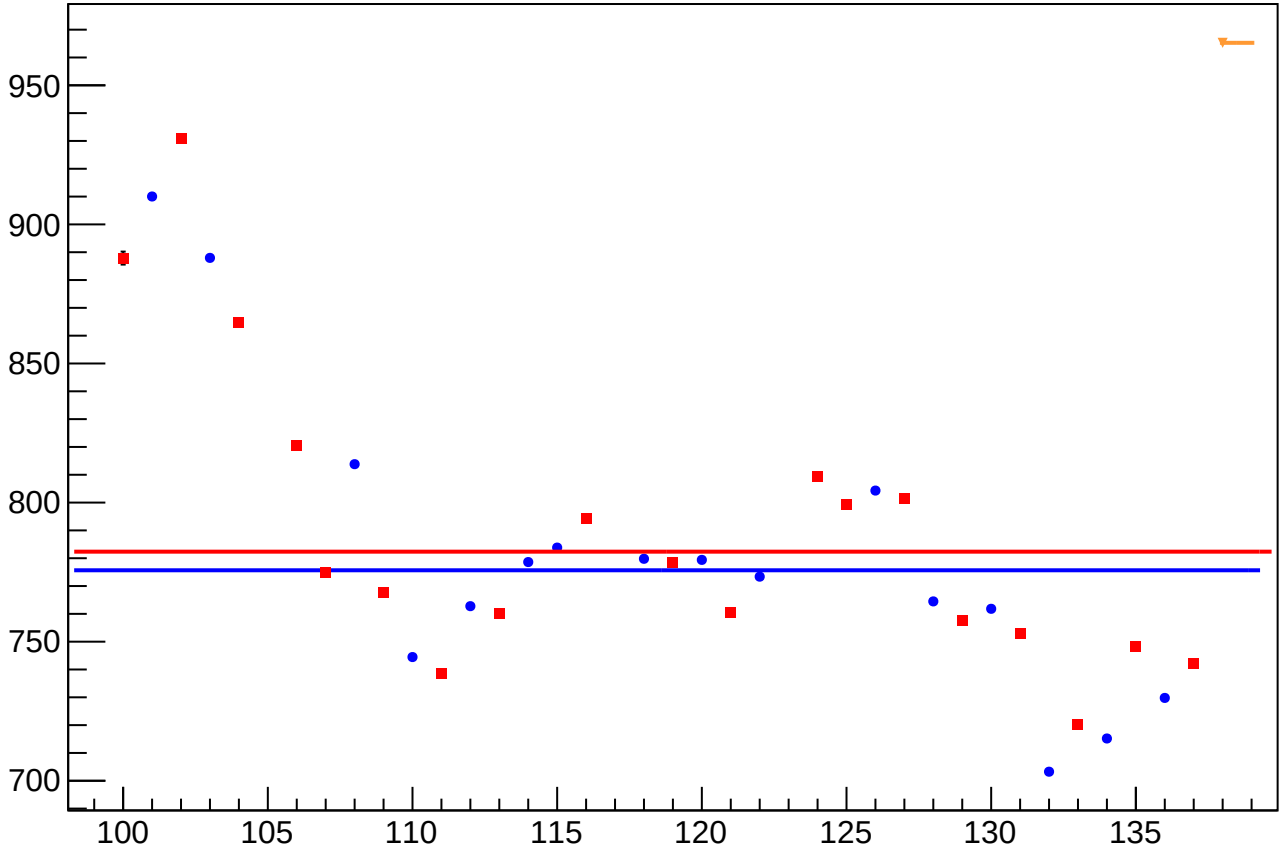
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 32.148+/-0.279 χ^2/NDF: 6844.0/16

All: 26.322+/-0.200 χ^2/NDF: 19604.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 775.664+/-0.204 χ^2/NDF: 74660.0/15

Left Out: 965.272+/-0.773 χ^2/NDF:0.0/0

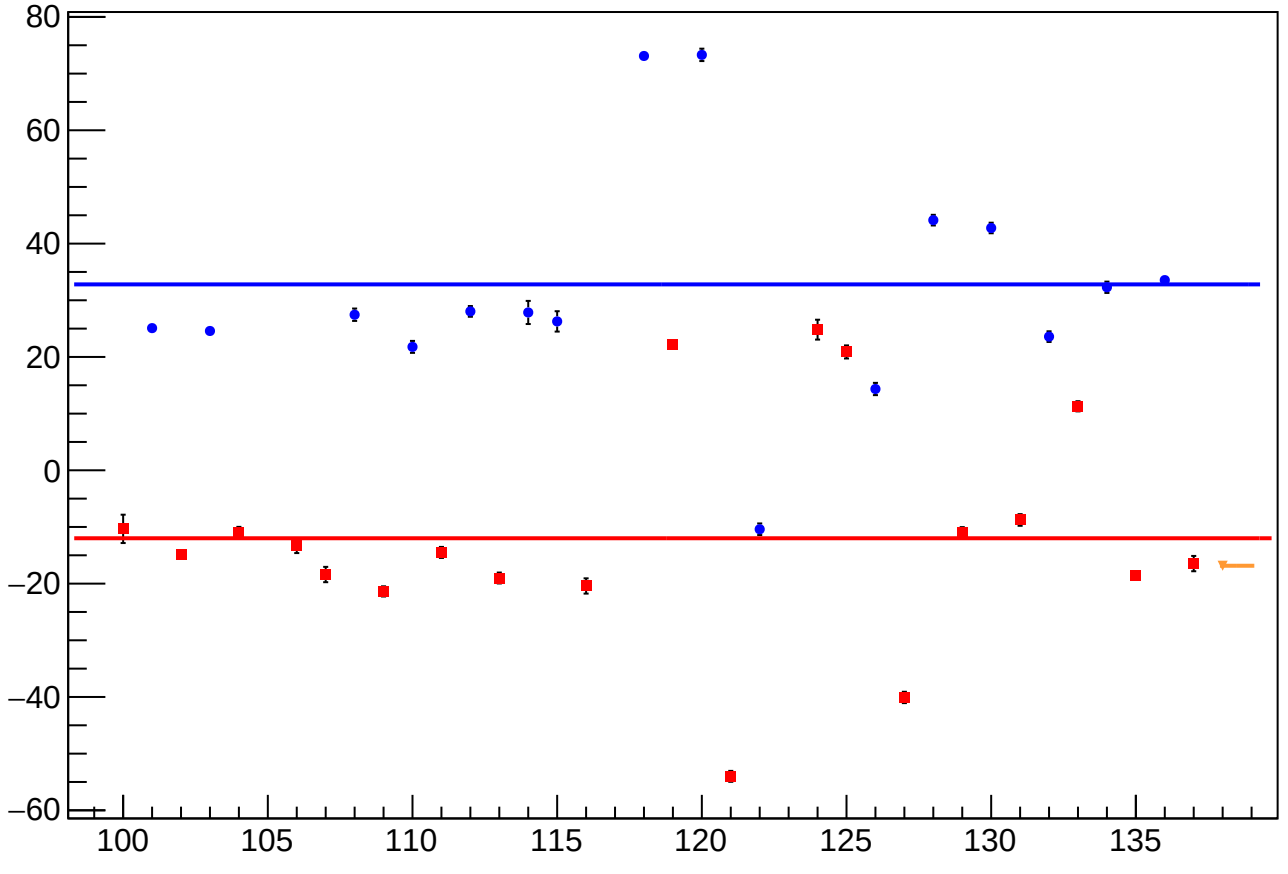
Right Out: 782.358+/-0.202 χ^2/NDF: 64566.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 788.037+/-0.198 χ^2/NDF: 130876.1/16

All: 785.264+/-0.141 χ^2/NDF: 195846.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 32.804+/-0.244 χ^2/NDF: 6259.3/15

Left Out: -16.845+/-0.883 χ^2/NDF:0.0/0

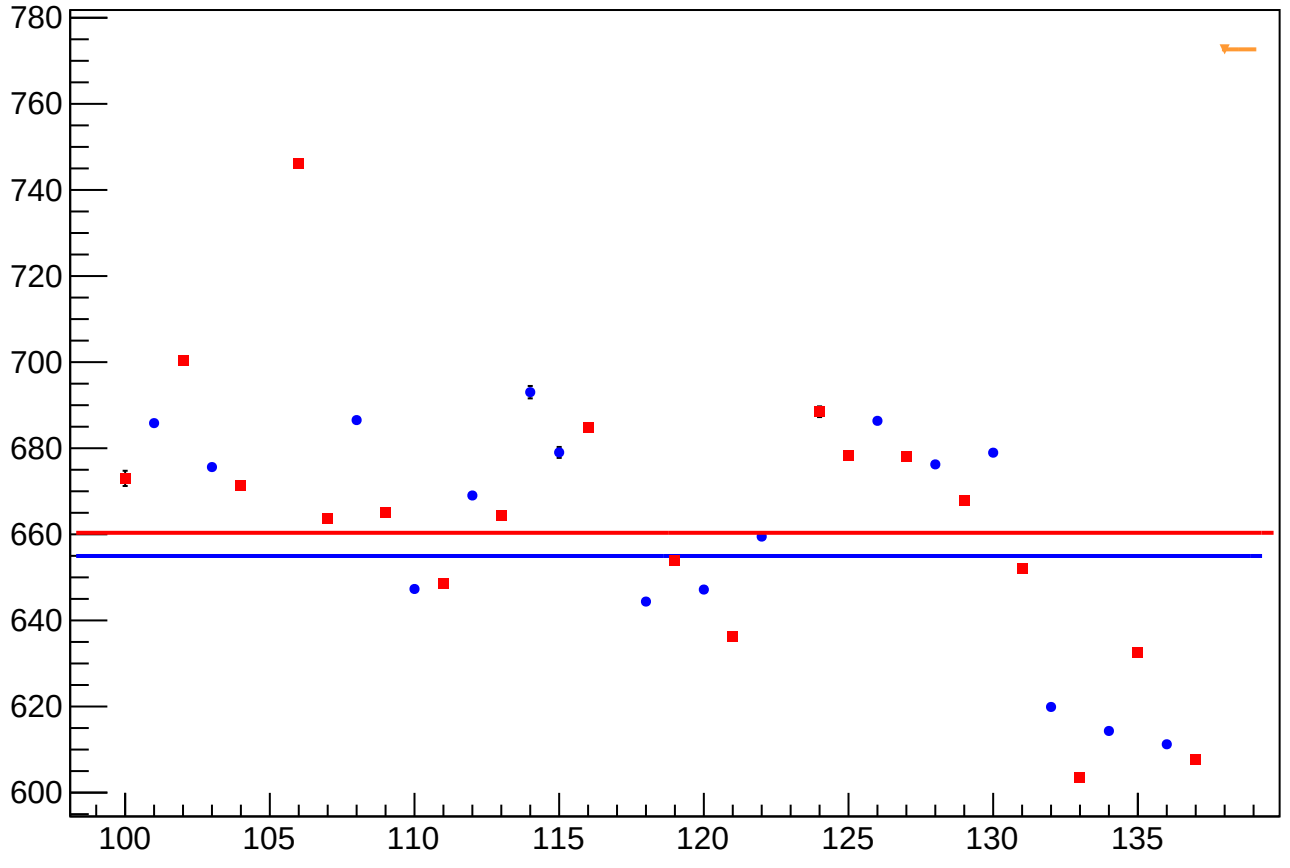
Right Out: -11.994+/-0.241 χ^2/NDF: 6559.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.298+/-0.235 χ^2/NDF: 9194.4/16

All: 9.204+/-0.168 χ^2/NDF: 30808.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 654.970+/-0.172 χ^2/NDF: 26744.4/15

Left Out: 772.661+/-0.625 χ^2/NDF:0.0/0

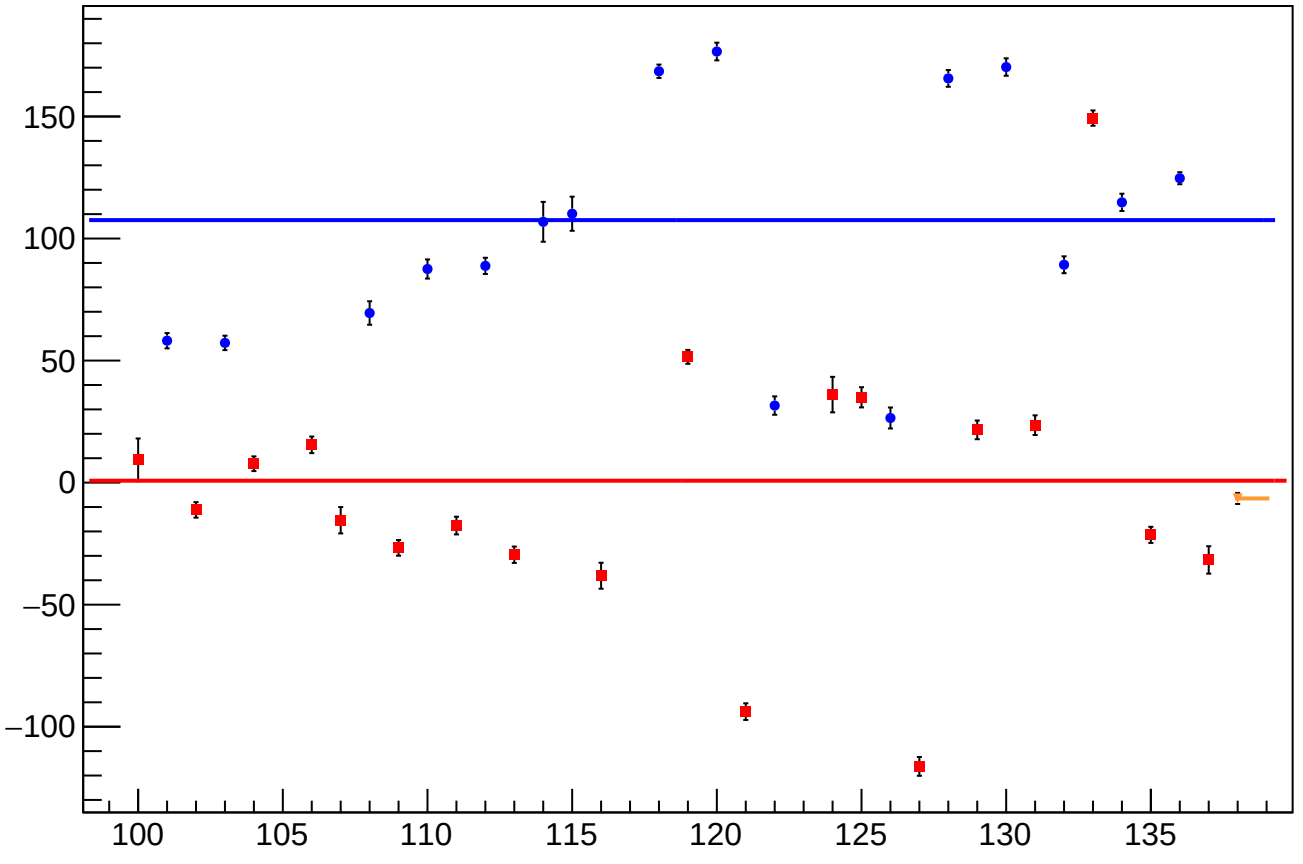
Right Out: 660.355+/-0.171 χ^2/NDF: 30417.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 663.280+/-0.166 χ^2/NDF: 59731.2/16

All: 661.857+/-0.119 χ^2/NDF: 90299.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 107.548+/-0.885 χ^2/NDF: 2955.8/15

Left Out: -6.481+/-2.266 χ^2/NDF:0.0/0

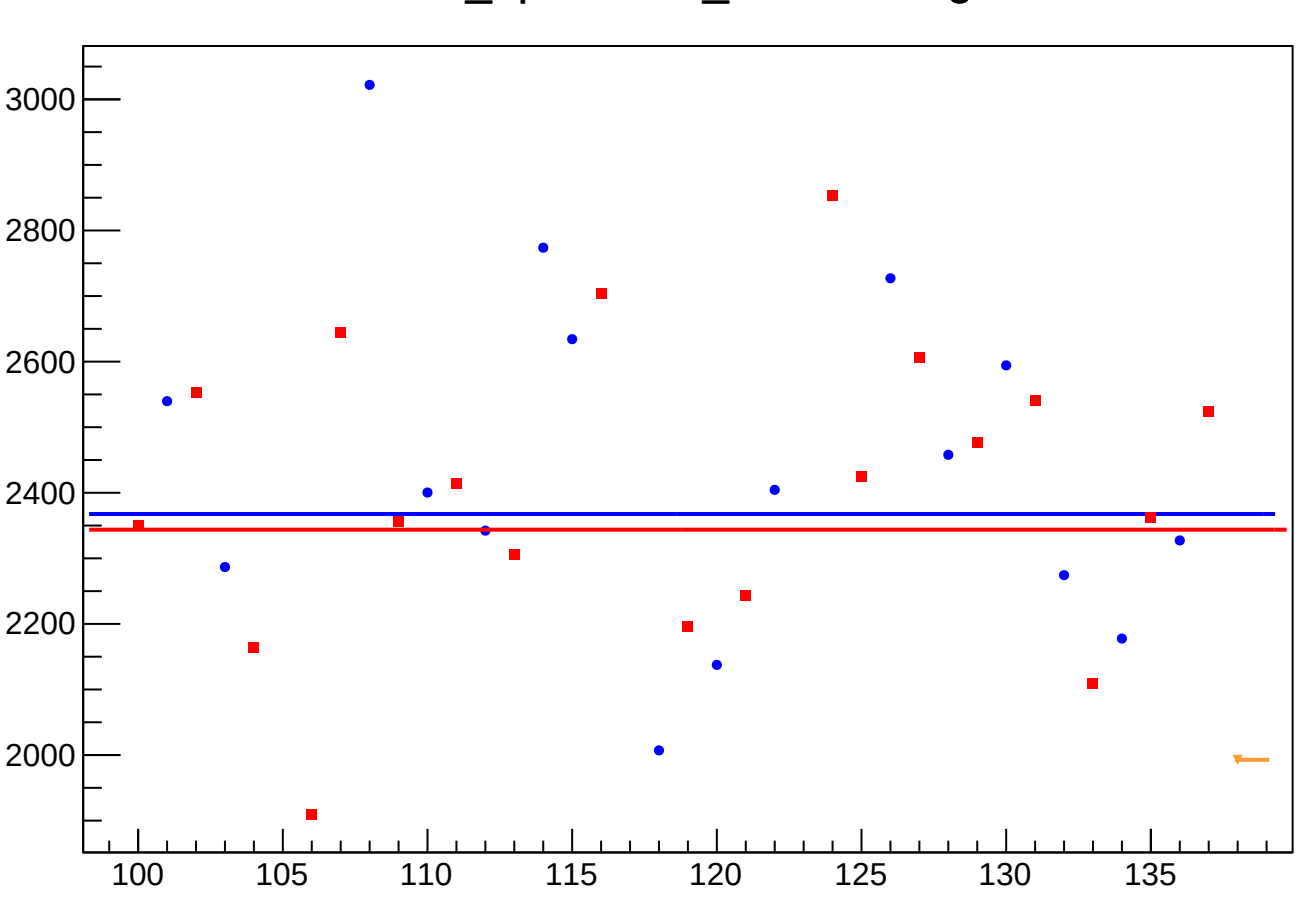
Right Out: 0.788+/-0.861 χ^2/NDF: 4763.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 92.445+/-0.825 χ^2/NDF: 5152.9/16

All: 48.584+/-0.595 χ^2/NDF: 15828.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2367.633+/-0.626 χ^2/NDF: 126764.1/15

Left Out: 1992.743+/-1.602 χ^2/NDF:0.0/0

Right Out: 2343.704+/-0.609 χ^2/NDF: 112274.4/18

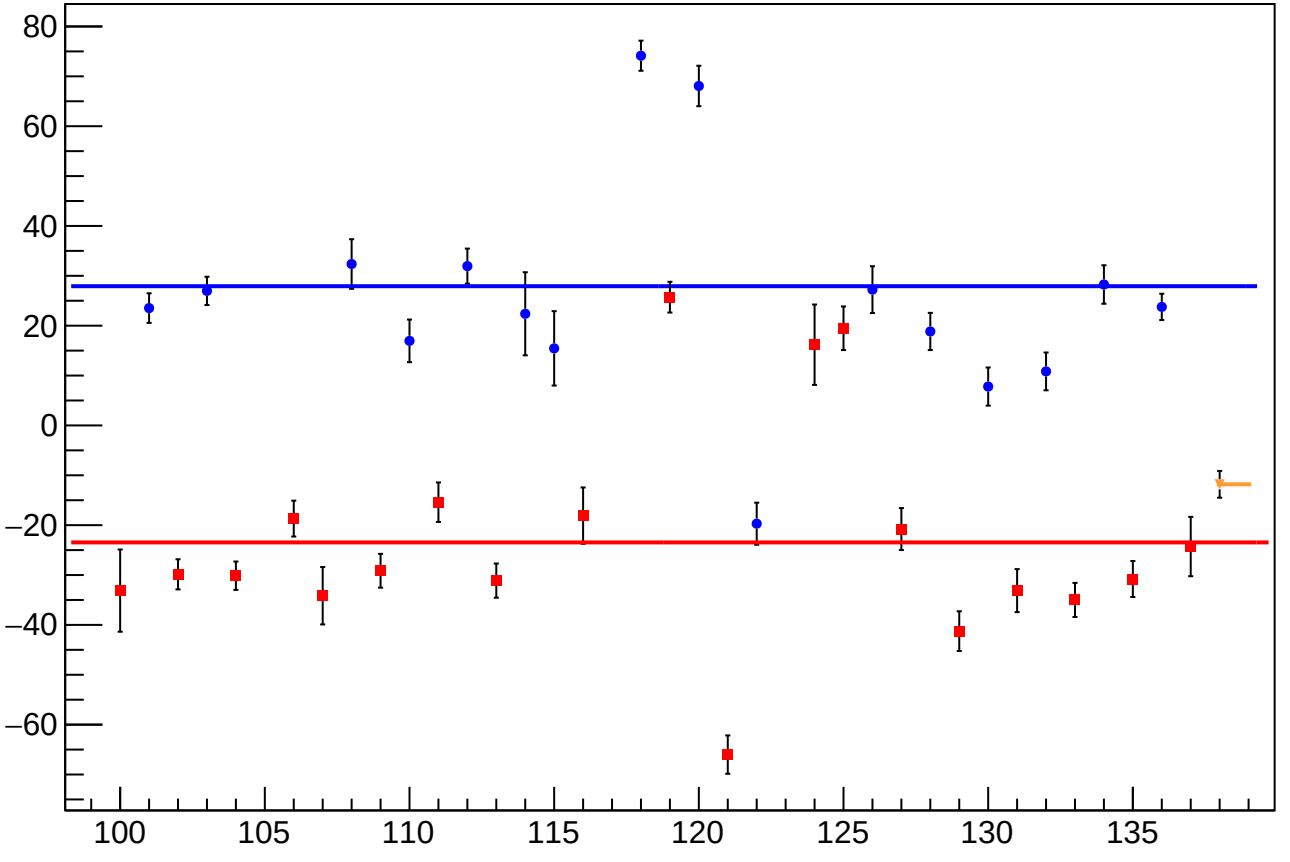
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2317.981+/-0.583 χ^2/NDF: 174260.2/16

All: 2330.290+/-0.421 χ^2/NDF: 287465.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i06Y_mean vs Slug



Right In: 27.916+/-0.937 χ^2/NDF: 530.7/15

Left Out: -11.809+/-2.686 χ^2/NDF:0.0/0

Right Out: -23.457+/-0.903 χ^2/NDF: 567.9/18

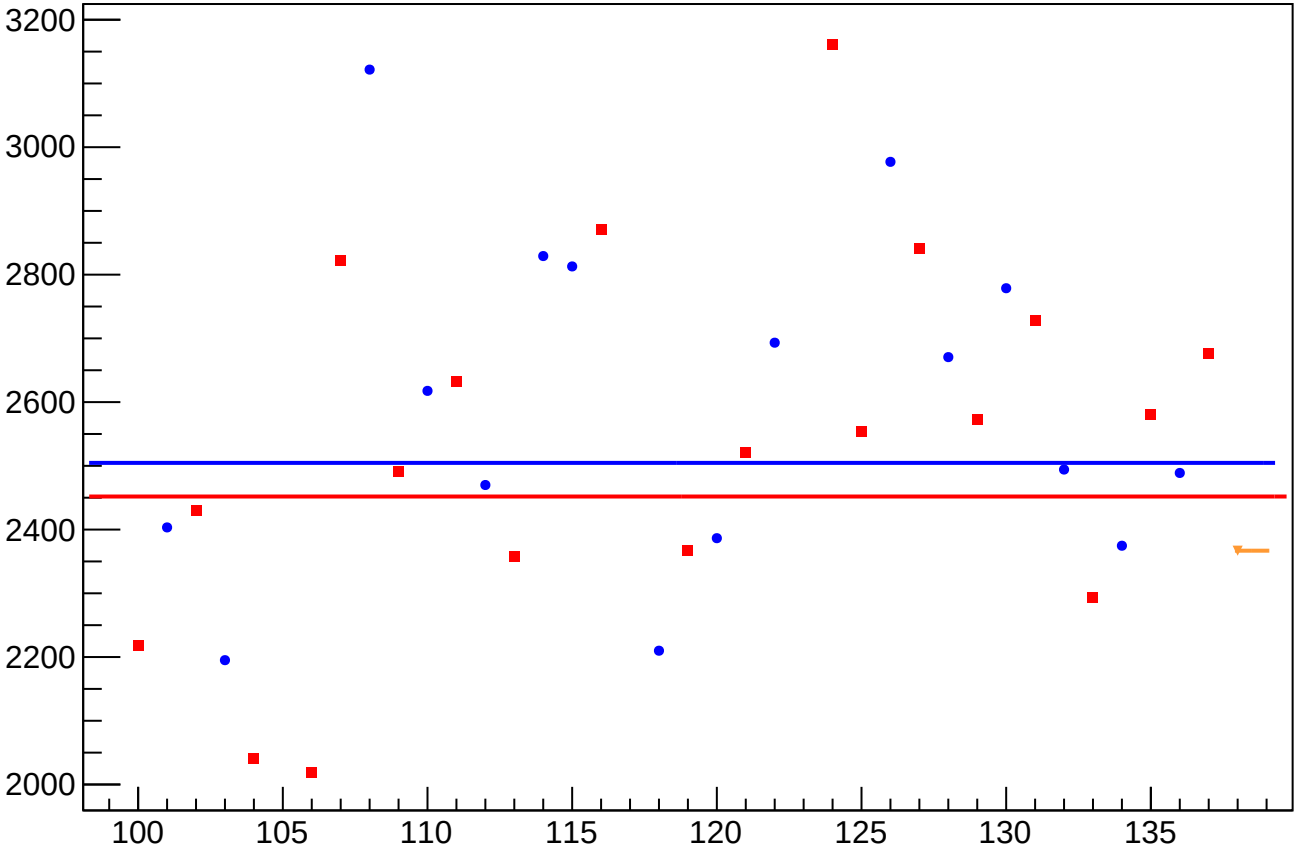
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.609+/-0.885 χ^2/NDF: 725.7/16

All: 0.553+/-0.632 χ^2/NDF: 2680.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2504.654+/-0.662 χ^2/NDF: 126599.1/15

Left Out: 2366.869+/-1.900 χ^2/NDF:0.0/0

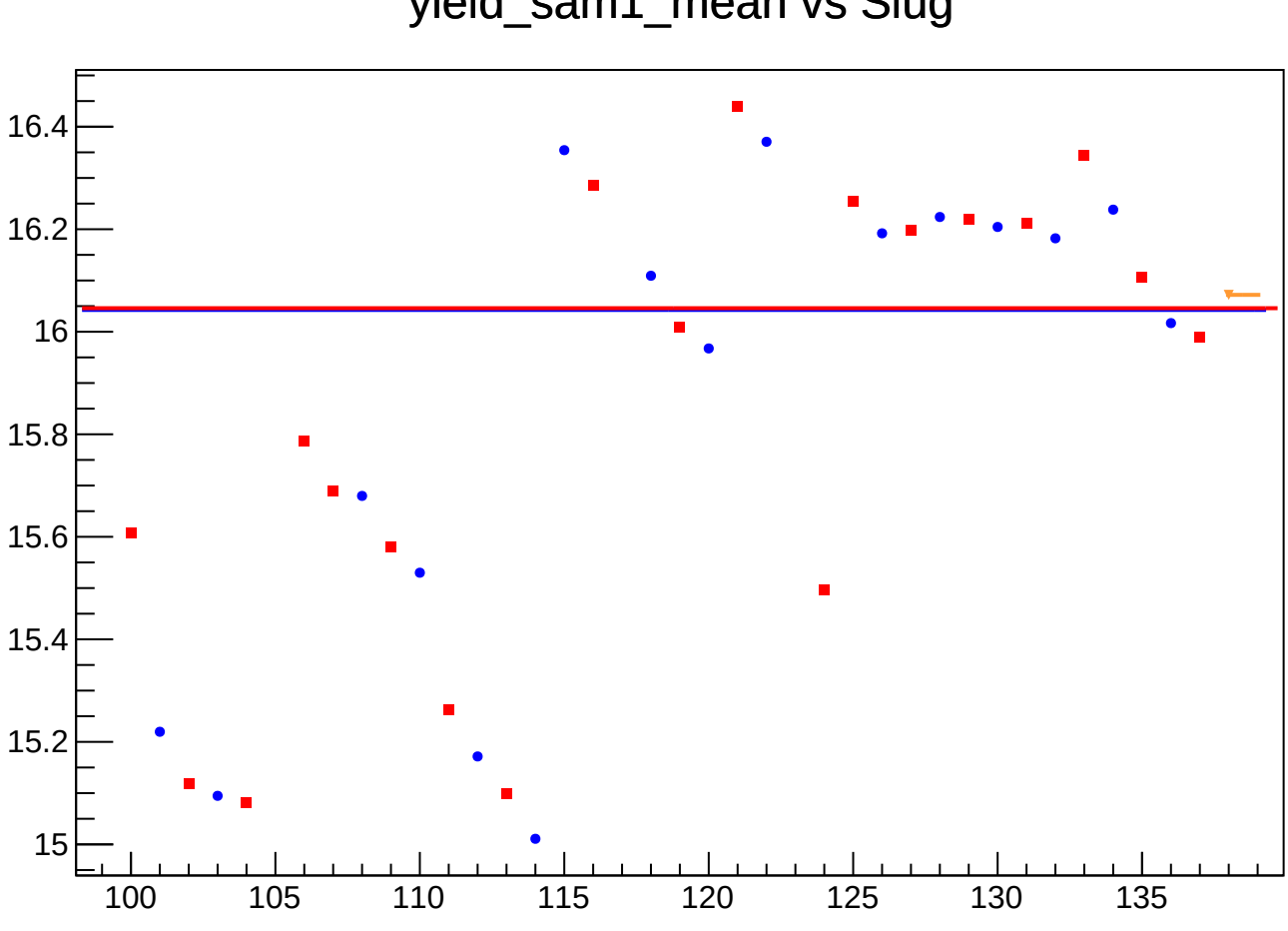
Right Out: 2451.880+/-0.638 χ^2/NDF: 153237.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2489.716+/-0.625 χ^2/NDF: 131290.1/16

All: 2471.181+/-0.447 χ^2/NDF: 286319.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 16.043+/-0.000 χ^2/NDF: 2840540588.4/15

Left Out: 16.072+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.046+/-0.000 χ^2/NDF: 3552158387.5/18

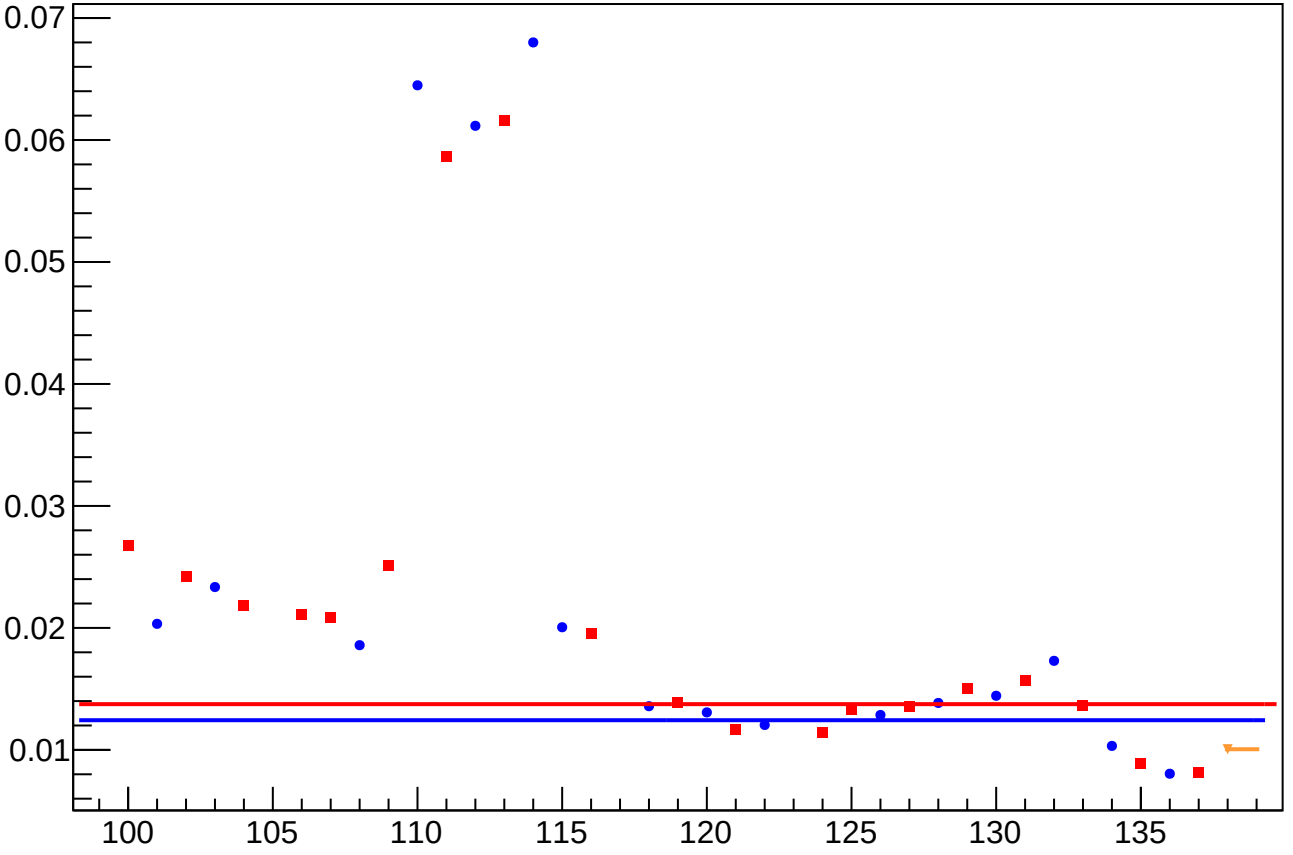
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.048+/-0.000 χ^2/NDF: 2845719789.2/16

All: 16.047+/-0.000 χ^2/NDF: 6397921293.6/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam1_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 2316842.7/15

Left Out: 0.010+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF: 2230614.9/18

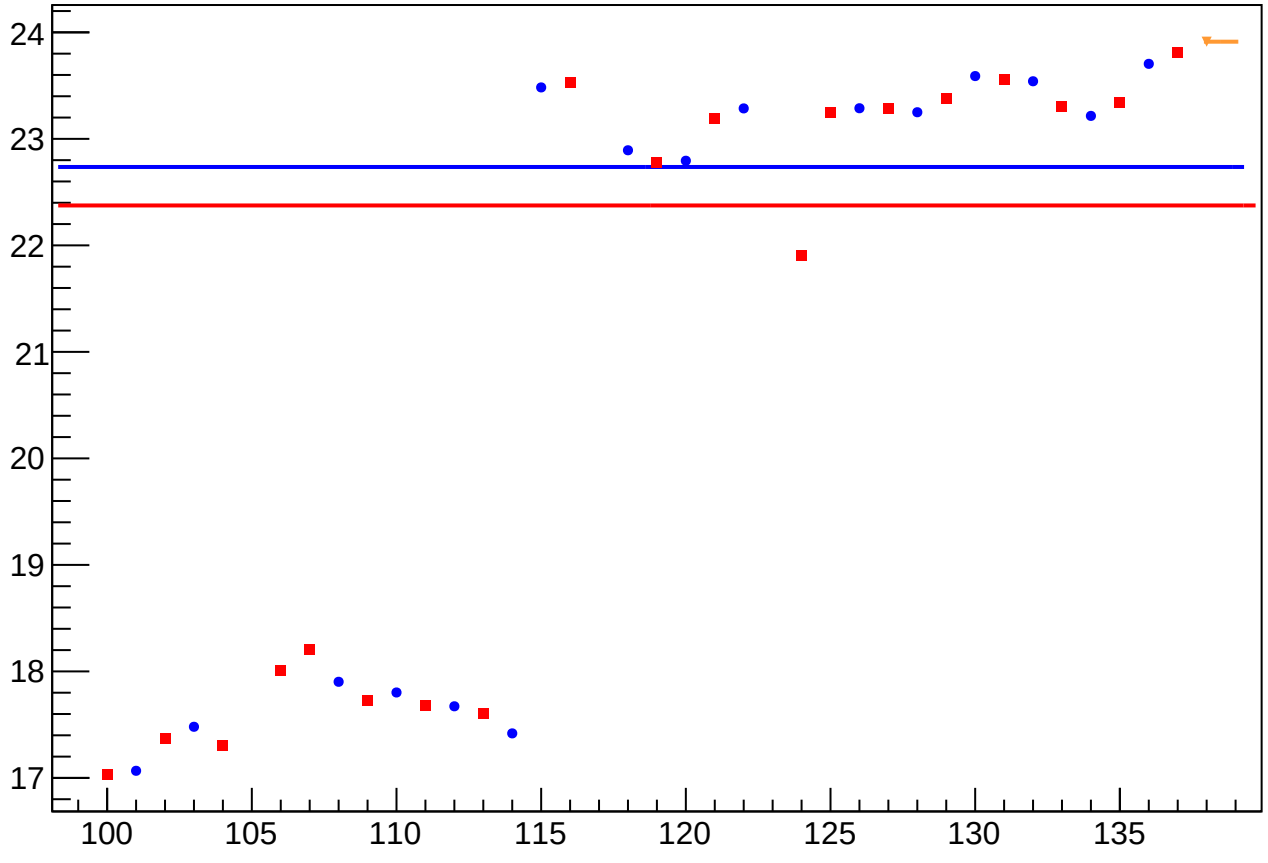
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.000 χ^2/NDF: 2384649.0/16

All: 0.013+/-0.000 χ^2/NDF: 4719595.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam2_mean vs Slug



Right In: 22.736+/-0.000 χ^2/NDF: 1220713728.0/15

Left Out: 23.912+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.375+/-0.000 χ^2/NDF: 1215661430.7/18

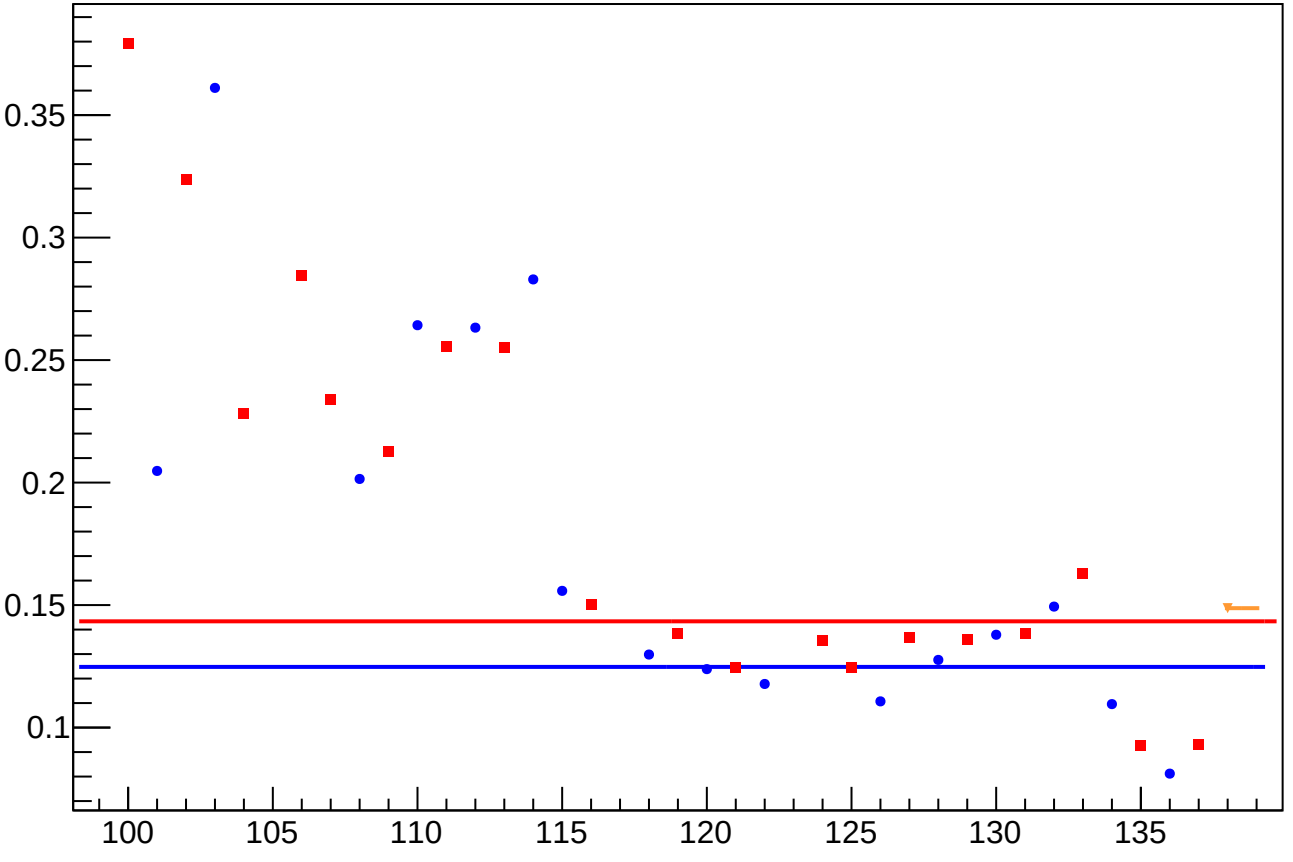
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.834+/-0.000 χ^2/NDF: 1260514773.5/16

All: 22.638+/-0.000 χ^2/NDF: 2510031852.2/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam2_rms vs Slug



Right In: 0.125+/-0.000 χ^2/NDF: 1749818.7/15

Left Out: 0.149+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.143+/-0.000 χ^2/NDF: 1570103.9/18

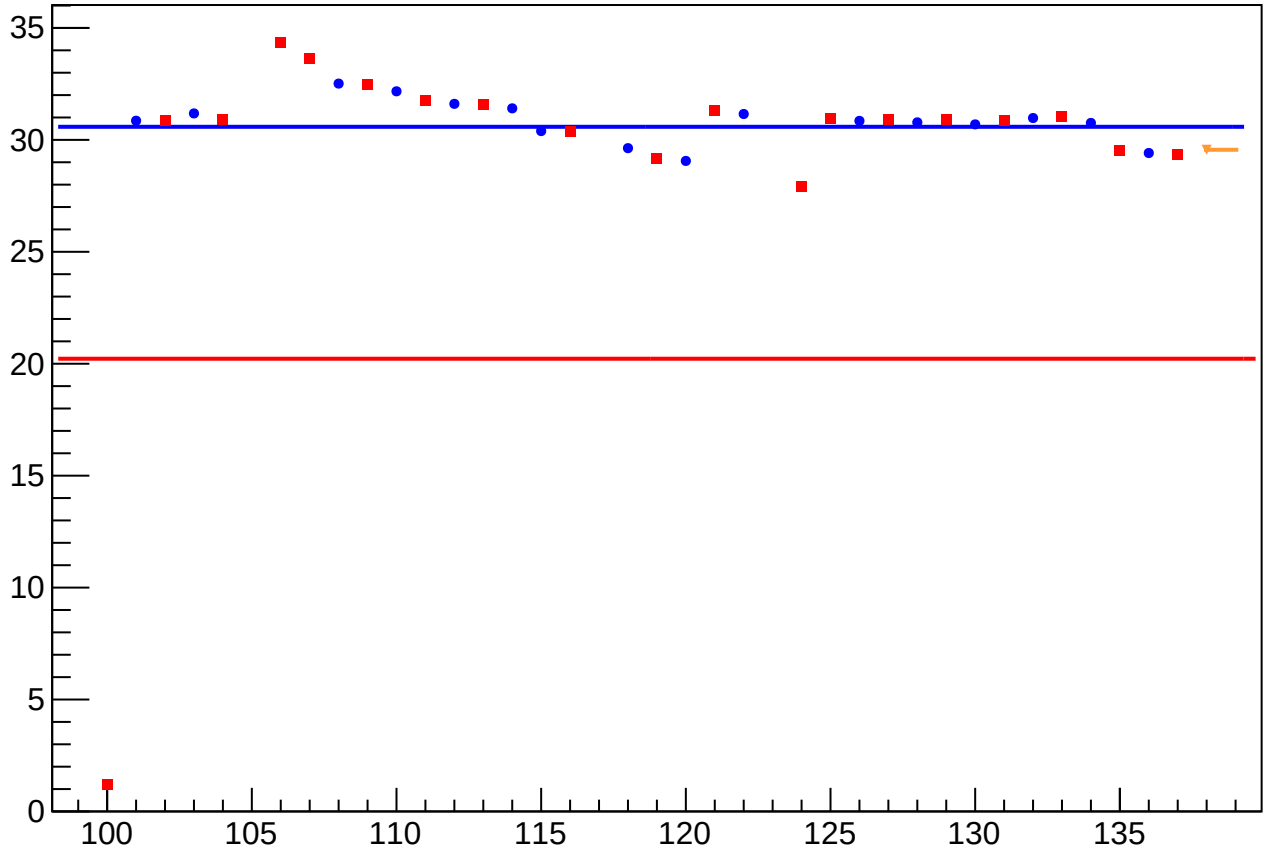
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.127+/-0.000 χ^2/NDF: 1782884.5/16

All: 0.134+/-0.000 χ^2/NDF: 3441225.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam3_mean vs Slug



Right In: 30.585+/-0.000 χ^2/NDF: 652266844.4/15

Left Out: 29.558+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.224+/-0.000 χ^2/NDF: 221262816636.2/18

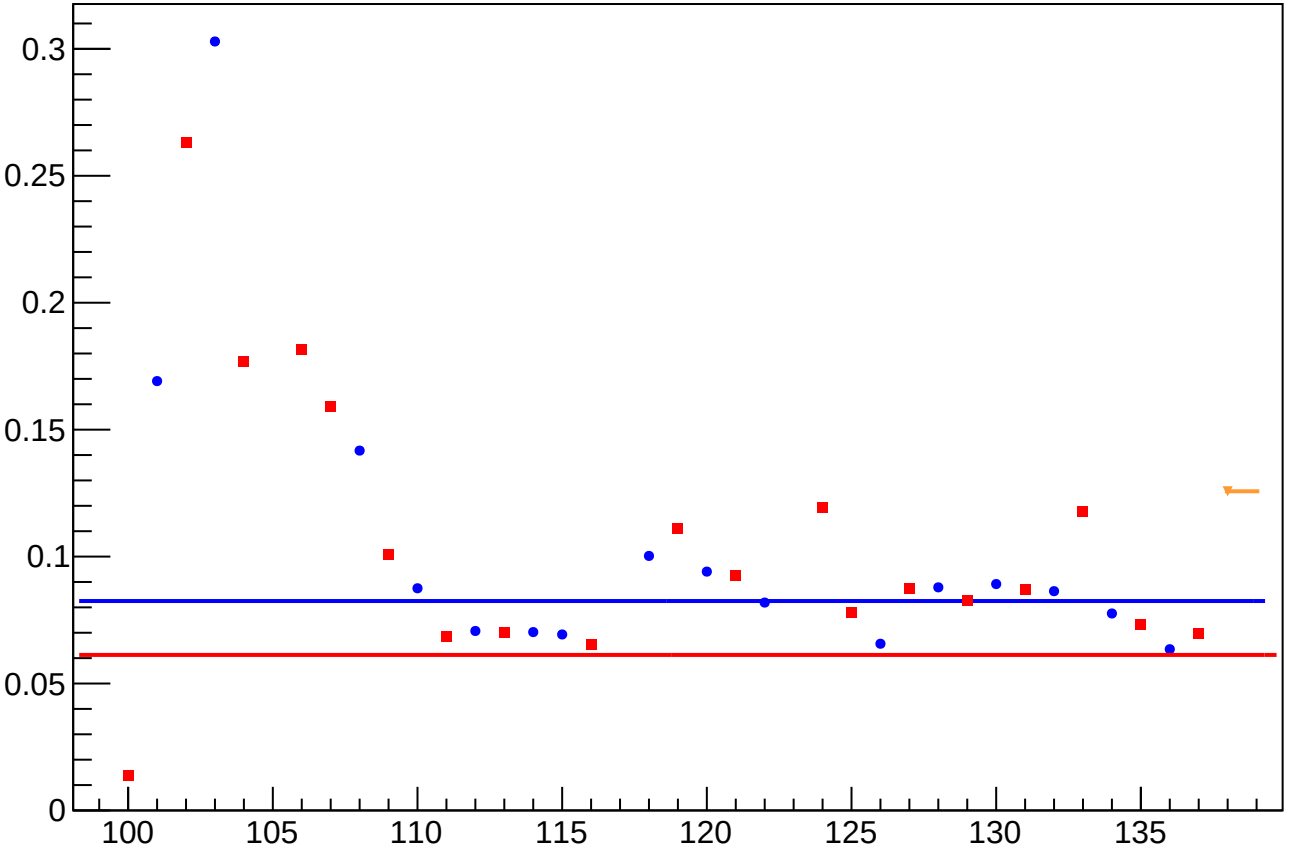
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.533+/-0.000 χ^2/NDF: 693431892.1/16

All: 24.639+/-0.000 χ^2/NDF: 271478085853.

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam3_rms vs Slug



Right In: 0.082+/-0.000 χ^2/NDF: 1261492.7/15

Left Out: 0.126+/-0.000 χ^2/NDF:0.0/0

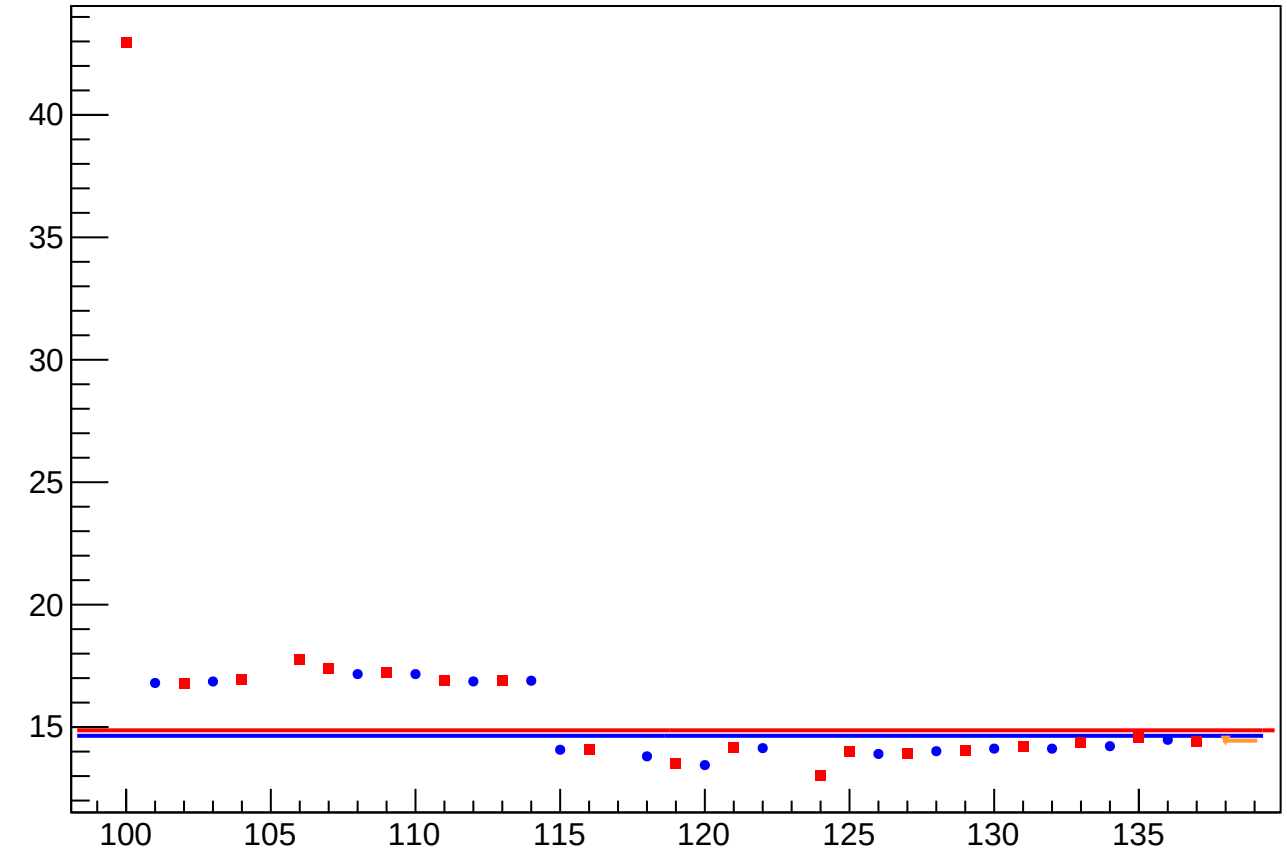
Right Out: 0.061+/-0.000 χ^2/NDF: 4014305.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.085+/-0.000 χ^2/NDF: 1407526.6/16

All: 0.071+/-0.000 χ^2/NDF: 5932876.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 14.644+/-0.000 χ^2/NDF: 1193913109.5/15

Left Out: 14.446+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.868+/-0.000 χ^2/NDF: 1730040006.8/18

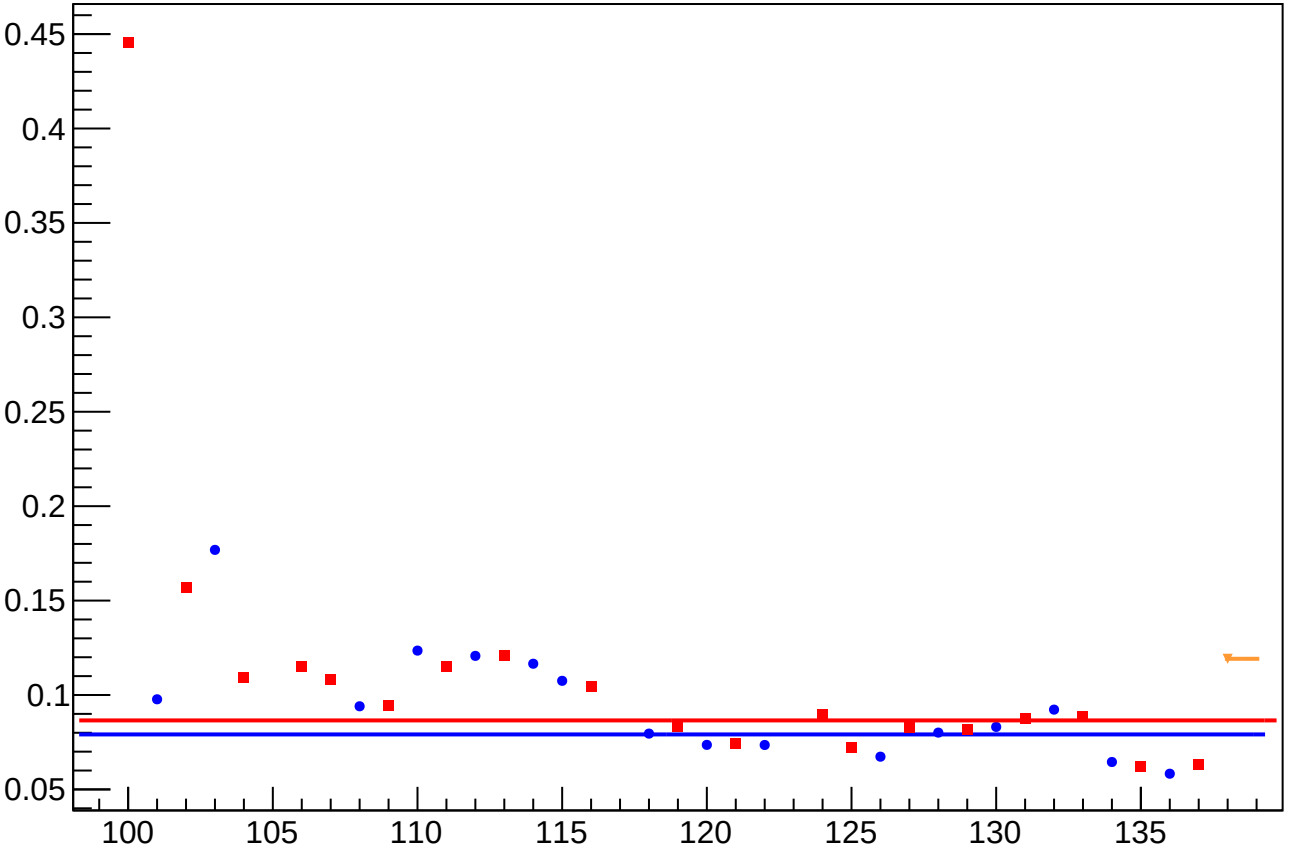
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.634+/-0.000 χ^2/NDF: 1195801906.9/16

All: 14.740+/-0.000 χ^2/NDF: 2950377380.0/3

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam4_rms vs Slug



Right In: 0.079+/-0.000 χ^2/NDF: 918198.7/15

Left Out: 0.119+/-0.000 χ^2/NDF:0.0/0

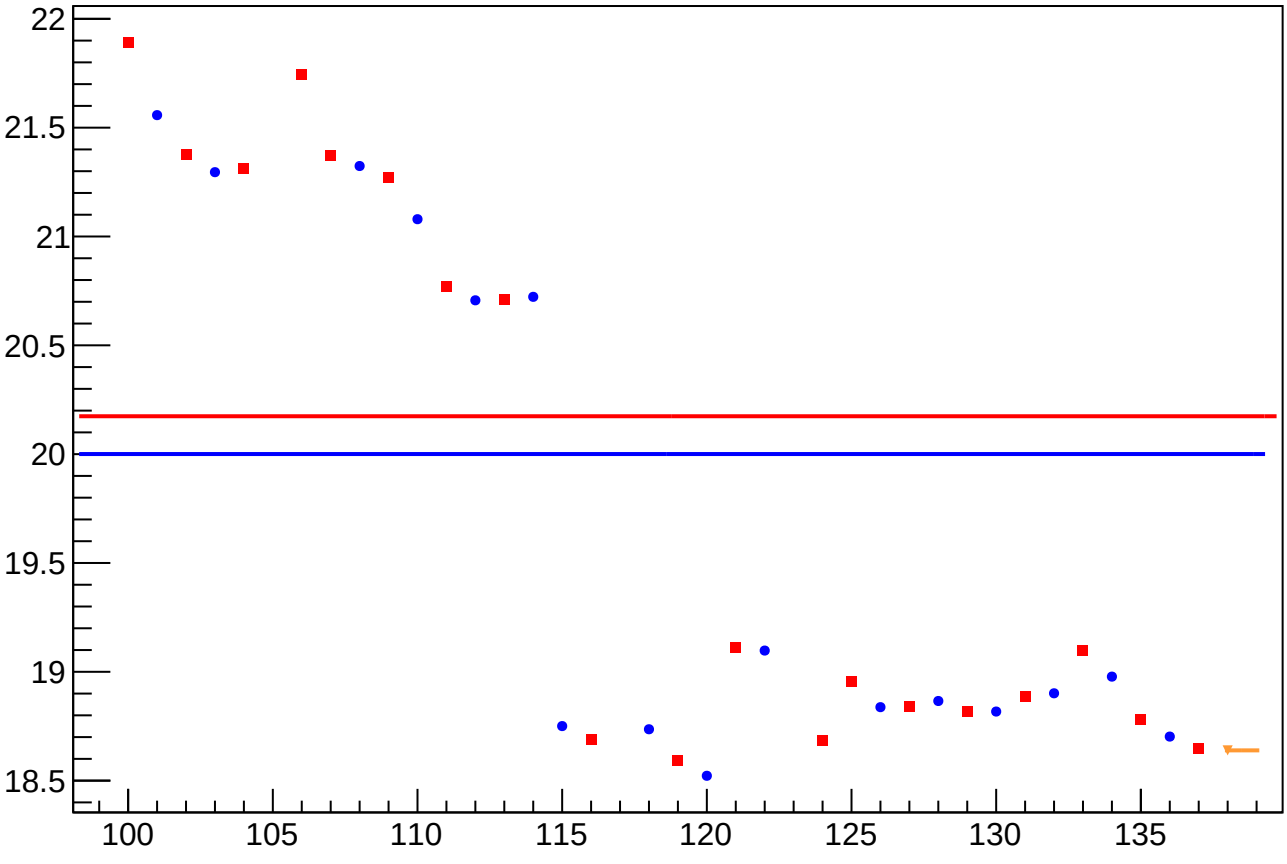
Right Out: 0.087+/-0.000 χ^2/NDF: 793345.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.081+/-0.000 χ^2/NDF: 1071394.7/16

All: 0.084+/-0.000 χ^2/NDF: 1890721.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.001+/-0.000 χ^2/NDF: 10878846617.7/15

Left Out: 18.639+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.174+/-0.000 χ^2/NDF: 10426322430.8/18

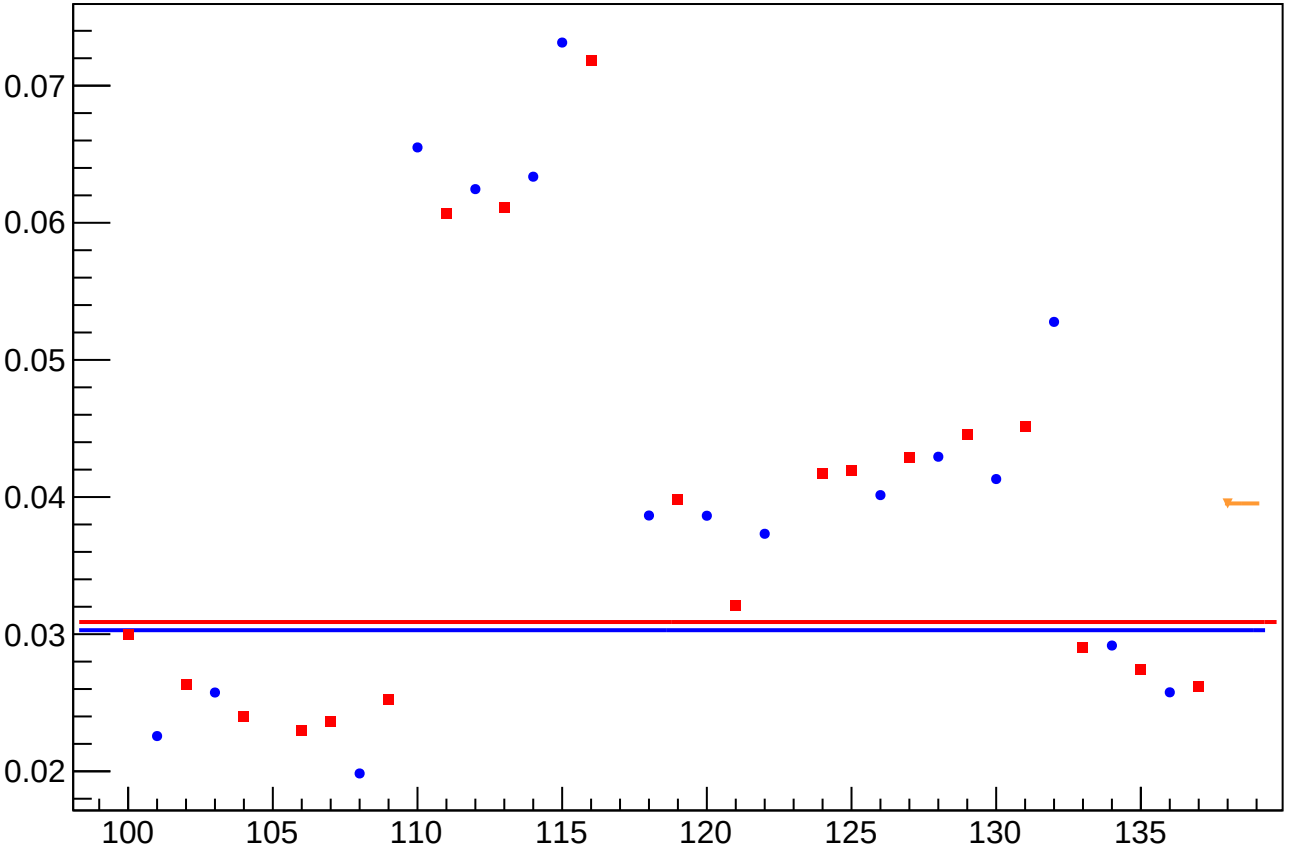
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.908+/-0.000 χ^2/NDF: 11694962160.3/16

All: 20.037+/-0.000 χ^2/NDF: 22359426929.6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF: 1447374.9/15

Left Out: 0.040+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF: 1204729.6/18

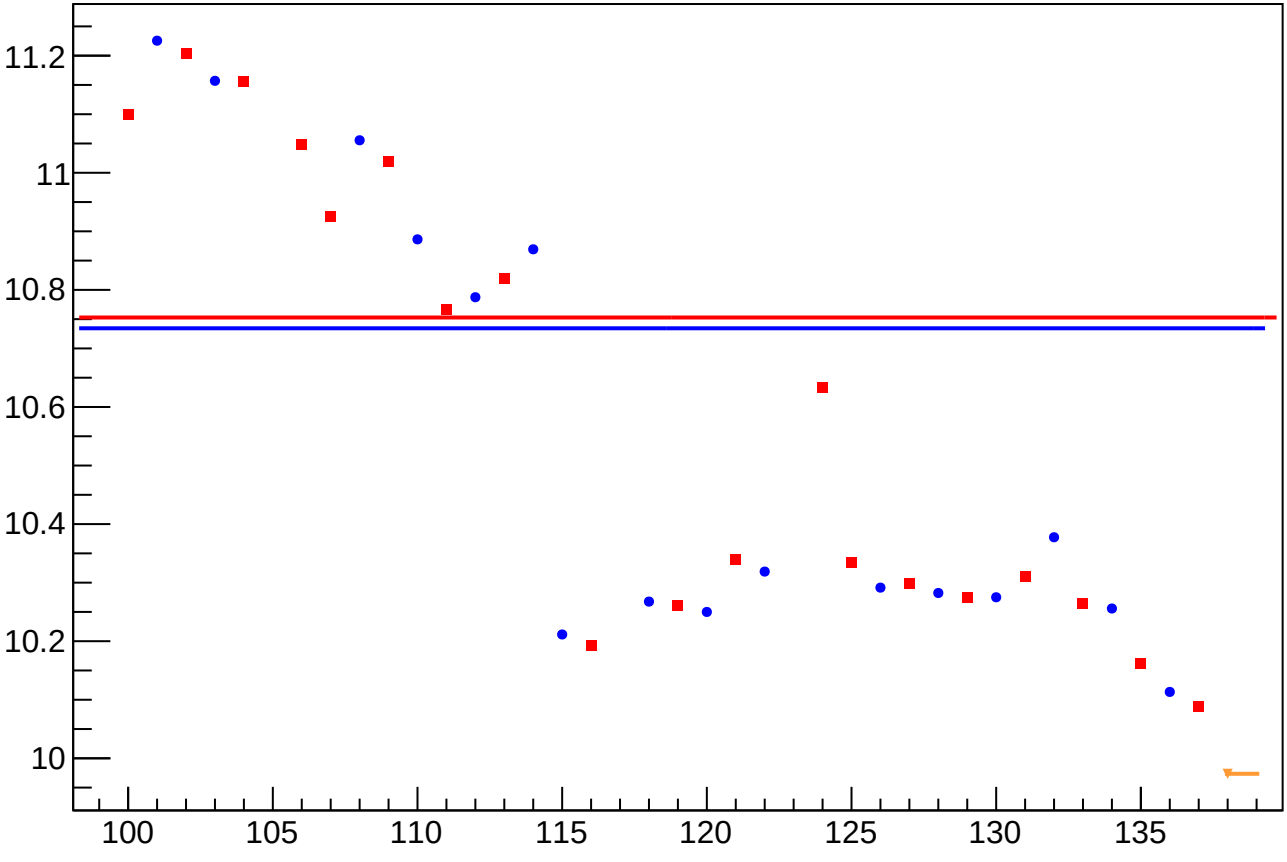
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.031+/-0.000 χ^2/NDF: 1522612.1/16

All: 0.031+/-0.000 χ^2/NDF: 2727347.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam6_mean vs Slug



Right In: 10.734+/-0.000 χ^2/NDF: 5879444478.4/15

Left Out: 9.974+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.753+/-0.000 χ^2/NDF: 4344265704.2/18

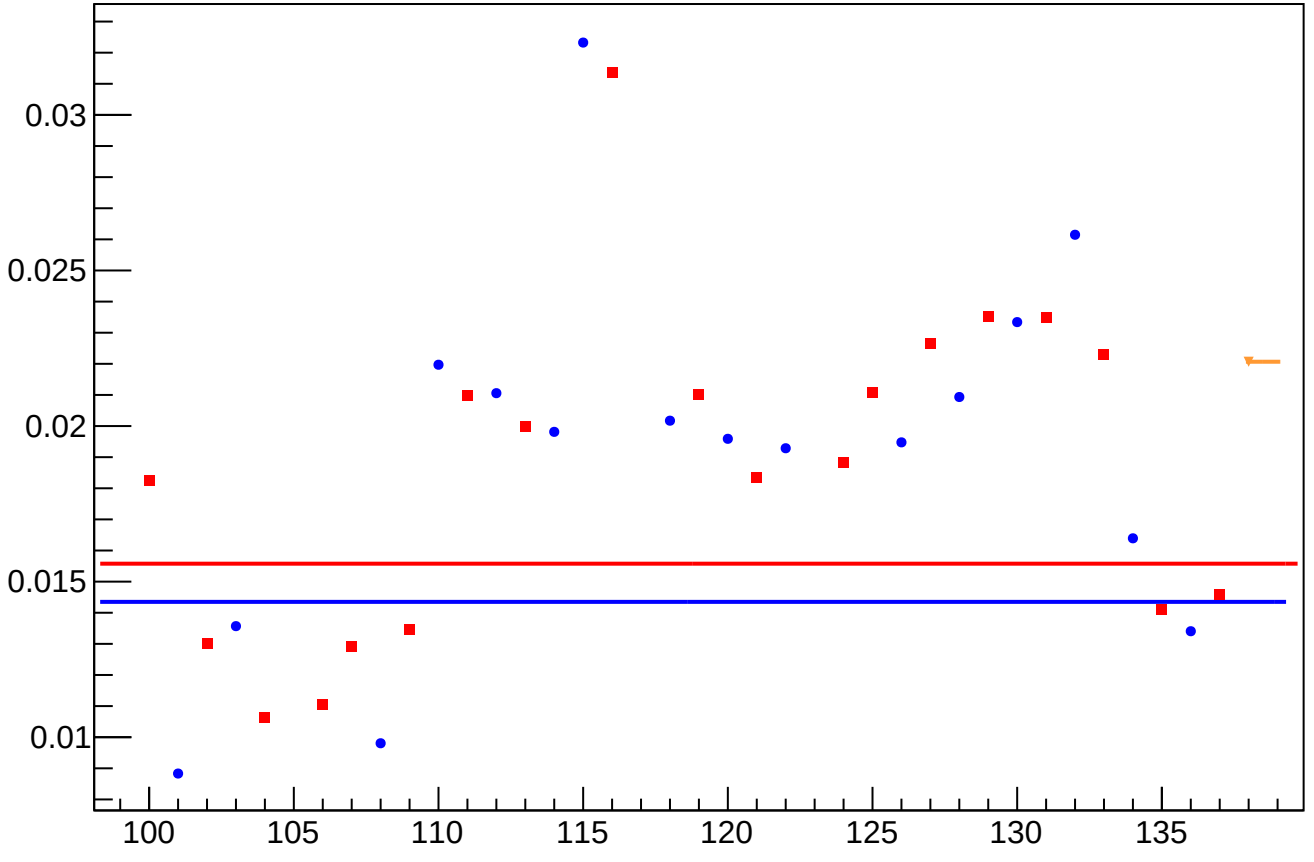
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.696+/-0.000 χ^2/NDF: 6683784877.1/16

All: 10.723+/-0.000 χ^2/NDF: 11071771361.0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam6_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 1481790.8/15

Left Out: 0.022+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF: 1071979.1/18

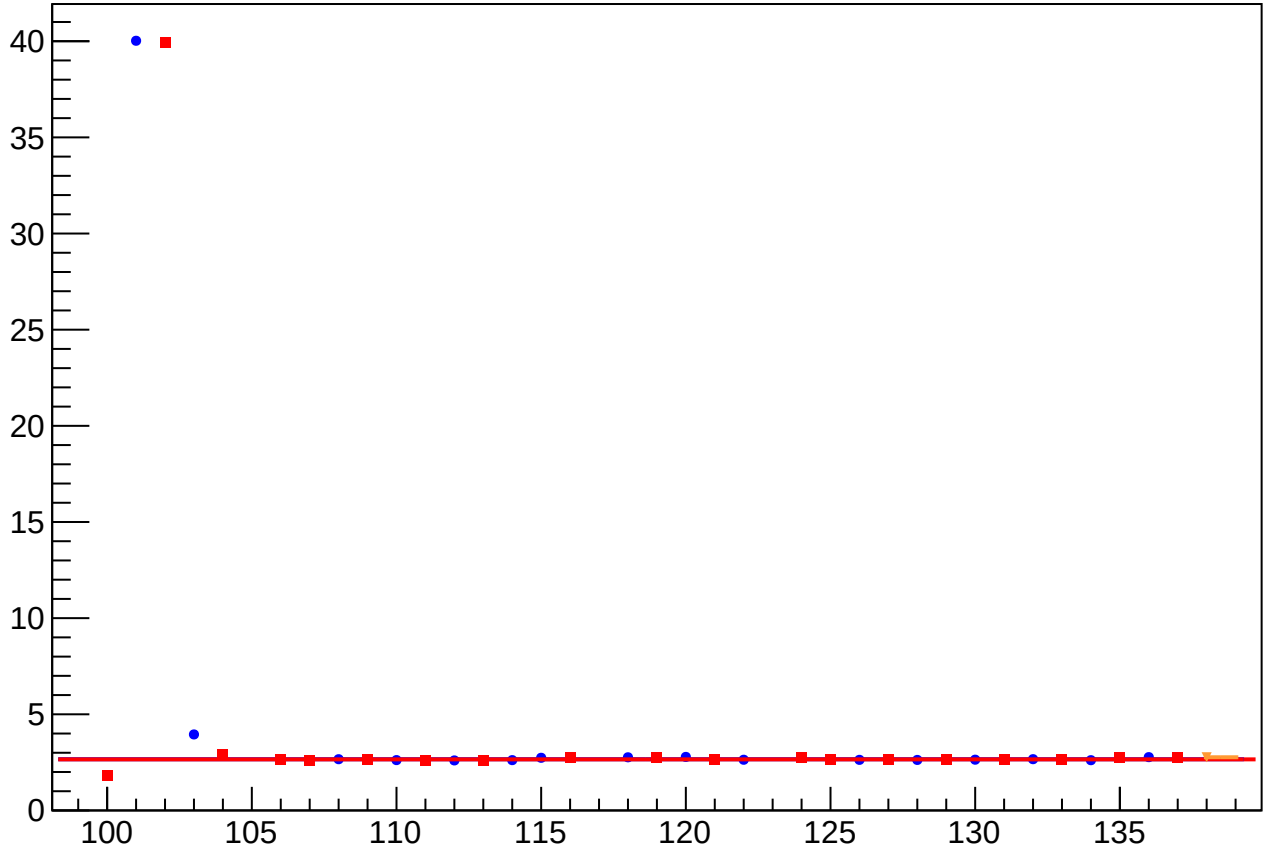
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.000 χ^2/NDF: 1647315.8/16

All: 0.015+/-0.000 χ^2/NDF: 2738419.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam7_mean vs Slug



Right In: 2.664+/-0.000 χ^2/NDF: 67839888284.3/15

Left Out: 2.765+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.656+/-0.000 χ^2/NDF: 65056887880.1/18

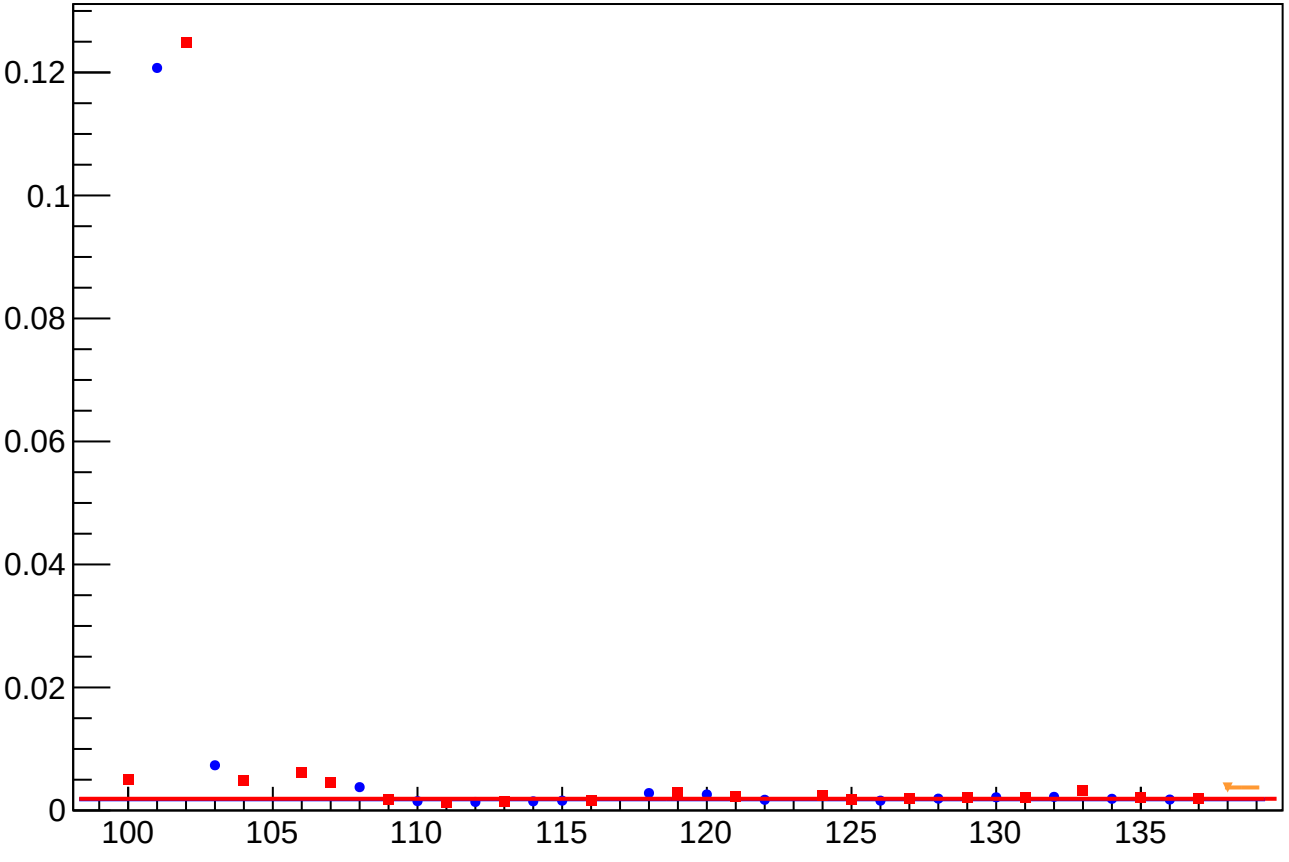
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.667+/-0.000 χ^2/NDF: 68341598008.7/16

All: 2.662+/-0.000 χ^2/NDF: 133481631543.5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 1822680.9/15

Left Out: 0.004+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF: 2525514.7/18

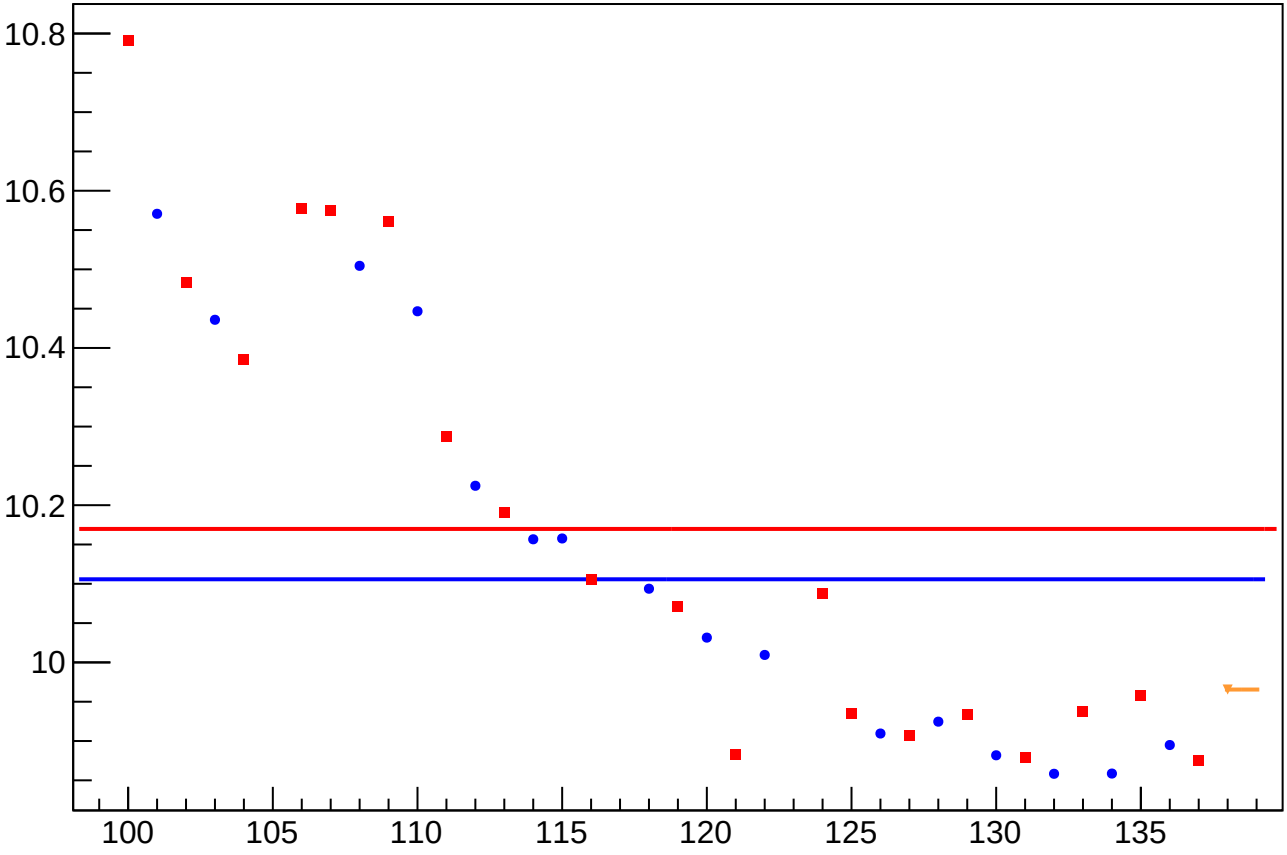
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 2184254.8/16

All: 0.002+/-0.000 χ^2/NDF: 4710331.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam8_mean vs Slug



Right In: 10.106+/-0.000 χ^2/NDF: 9126550621.3/15

Left Out: 9.965+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.170+/-0.000 χ^2/NDF: 9135610954.1/18

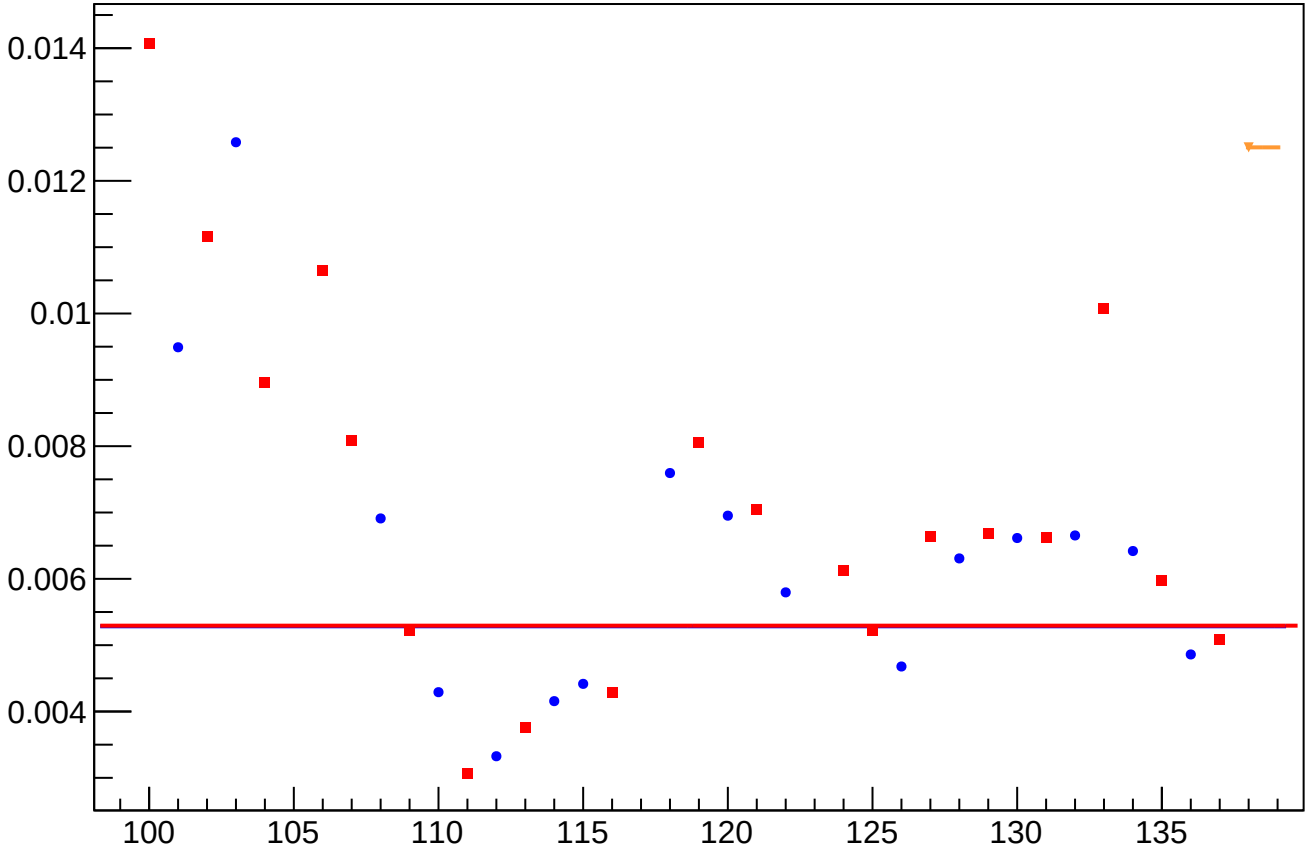
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.103+/-0.000 χ^2/NDF: 9212272737.6/16

All: 10.136+/-0.000 χ^2/NDF: 18793691256.2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 1274133.0/15

Left Out: 0.013+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF: 1792250.8/18

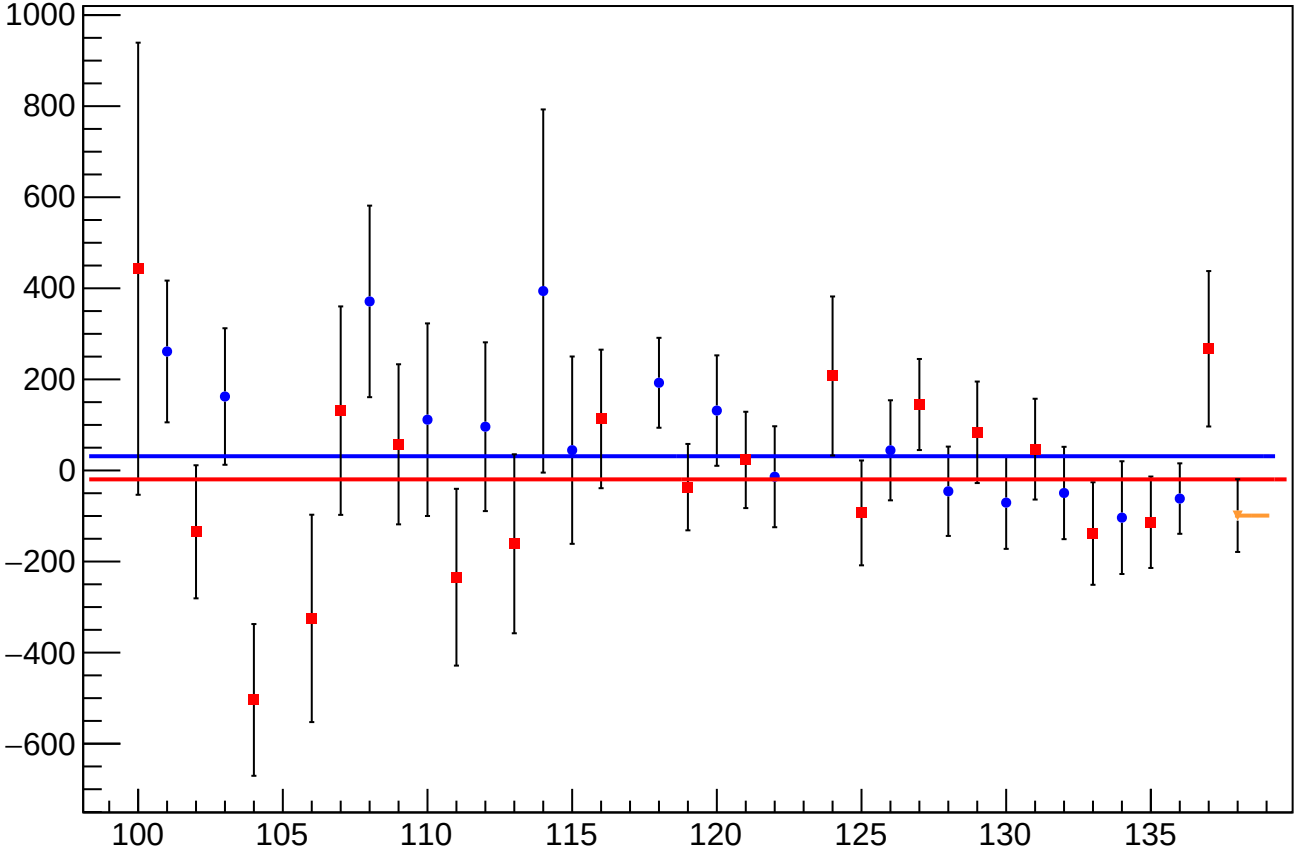
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.005+/-0.000 χ^2/NDF: 1728492.9/16

All: 0.005+/-0.000 χ^2/NDF: 3525373.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 31.249+/-30.786 χ^2/NDF: 15.1/15

Left Out: -99.104+/-79.875 χ^2/NDF:0.0/0

Right Out: -19.573+/-31.059 χ^2/NDF: 25.9/18

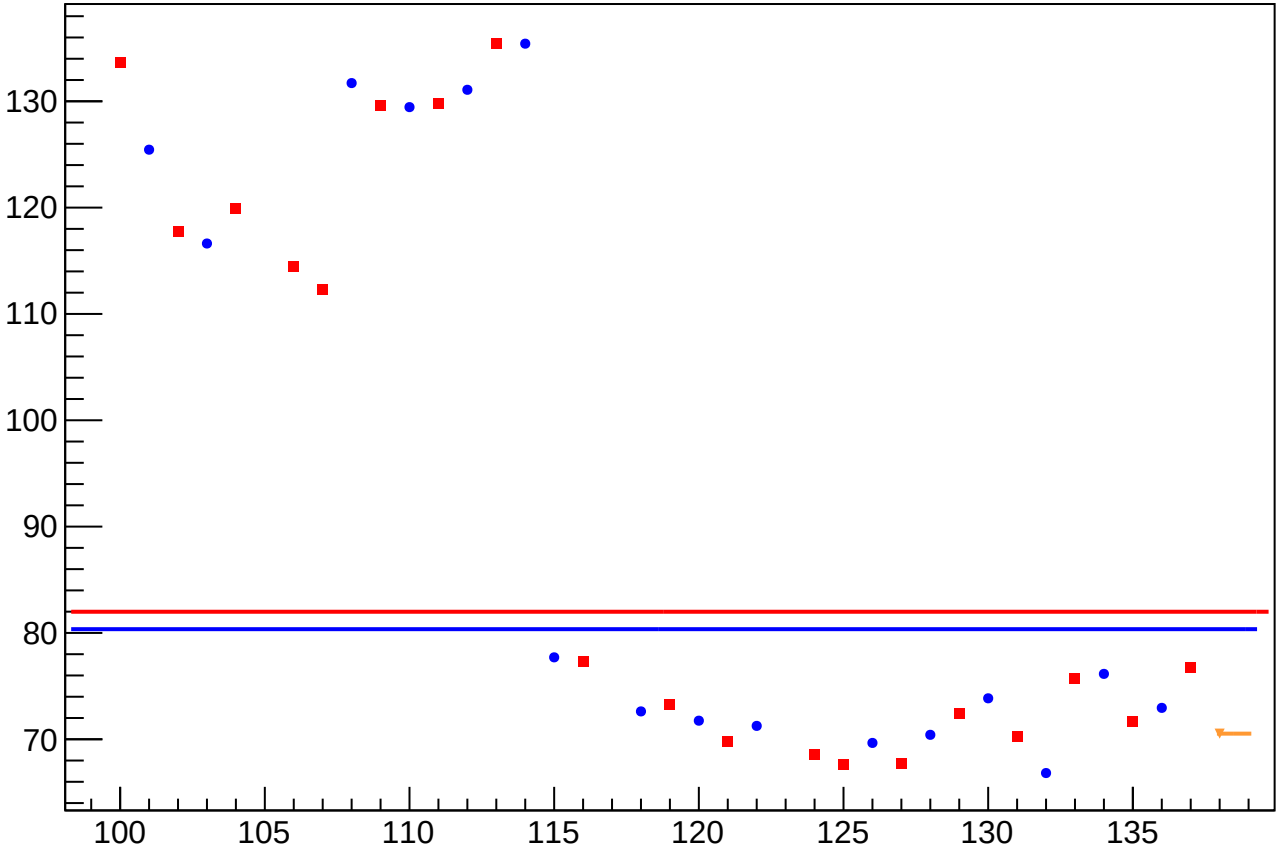
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.389+/-28.726 χ^2/NDF: 17.4/16

All: -1.269+/-21.089 χ^2/NDF: 43.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 80.354+/-0.022 χ^2/NDF: 840039.5/15

Left Out: 70.529+/-0.056 χ^2/NDF:0.0/0

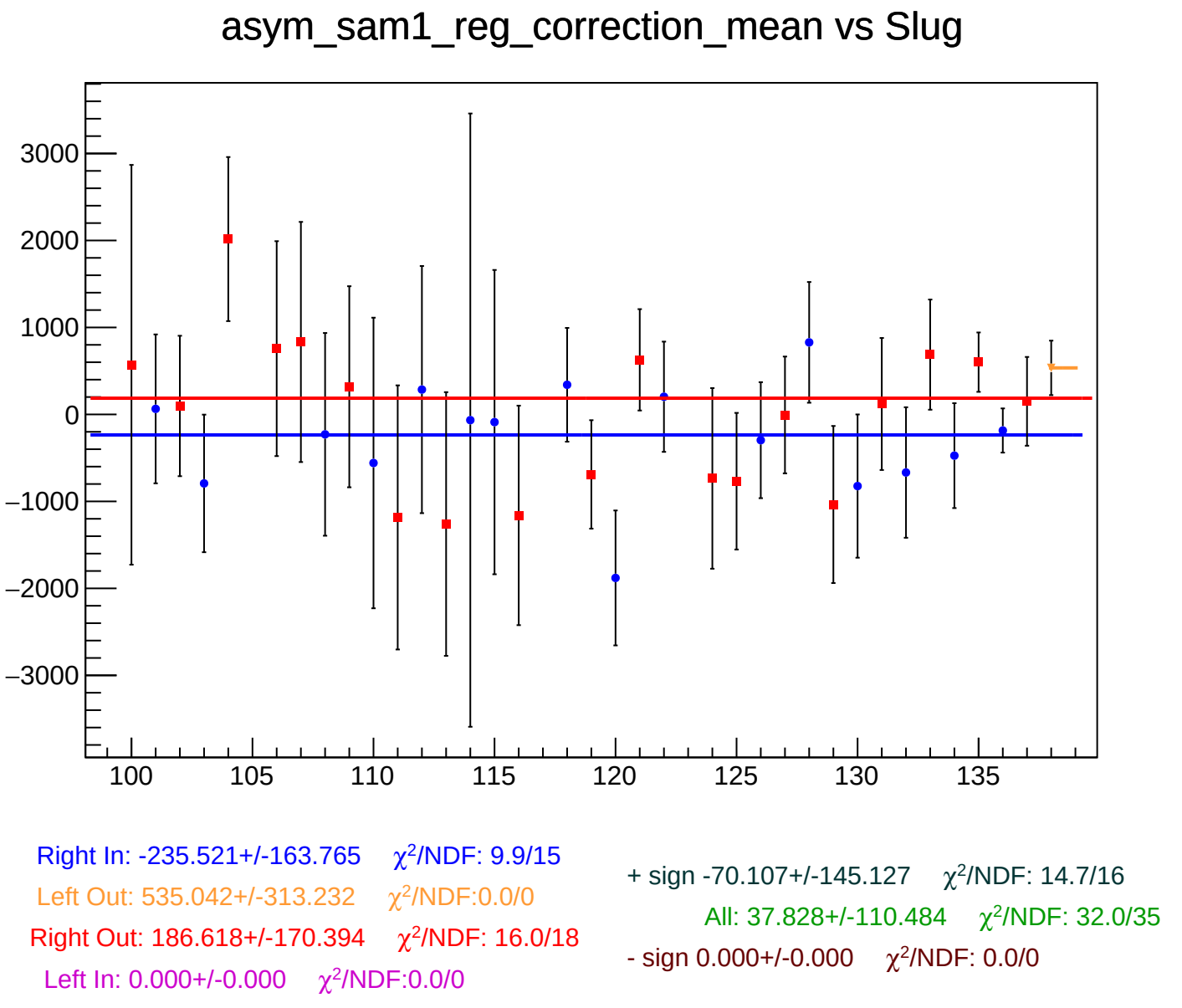
Right Out: 81.993+/-0.022 χ^2/NDF: 932337.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

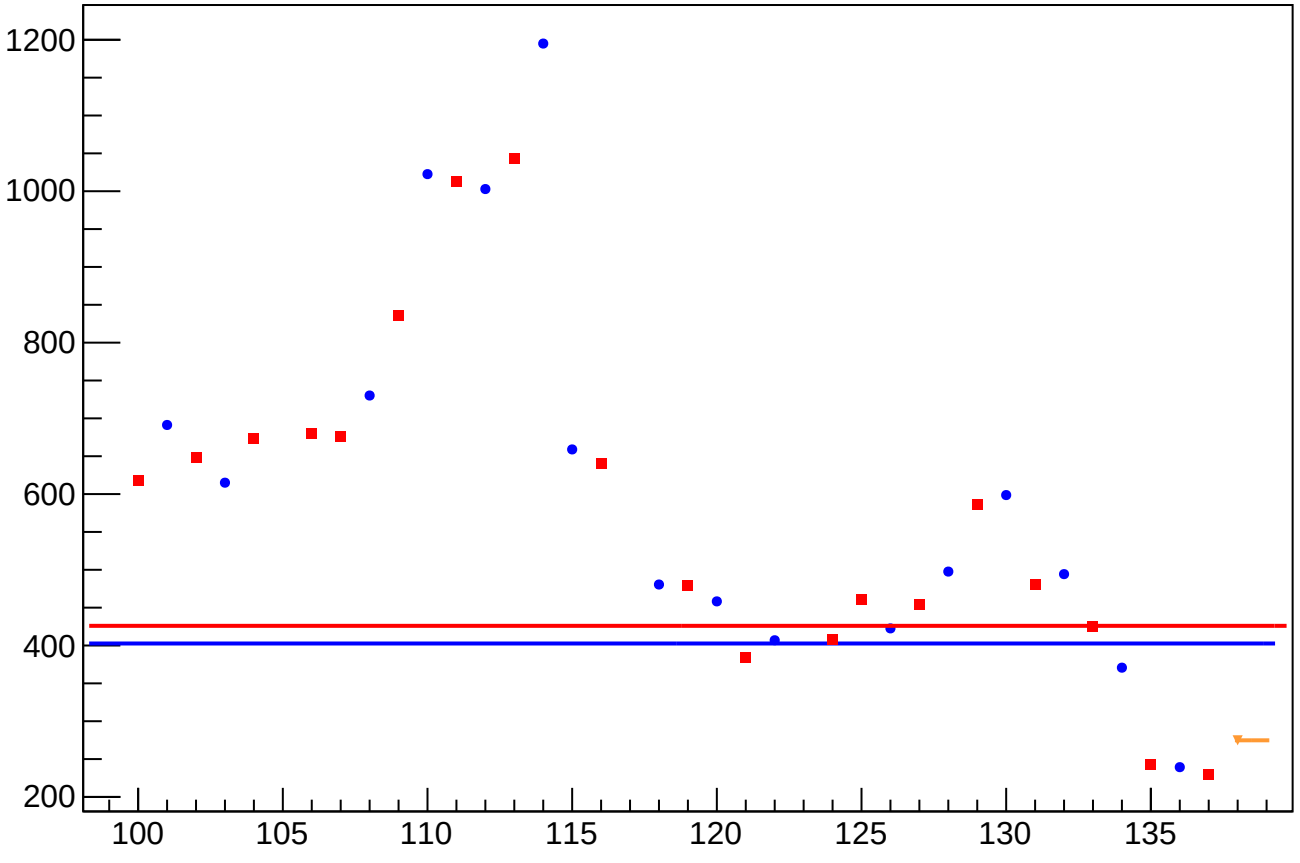
+ sign 79.083+/-0.020 χ^2/NDF: 866385.8/16

All: 80.425+/-0.015 χ^2/NDF: 1808184.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam1_reg_correction_mean vs Slug
3000
2000
1000
0
−1000
−2000
−3000
100
105
110
115
120
125
130
135
Right In: -235.521+/-163.765 χ²/NDF: 9.9/15
Left Out: 535.042+/-313.232 χ²/NDF:0.0/0
Right Out: 186.618+/-170.394 χ²/NDF: 16.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -70.107+/-145.127 χ²/NDF: 14.7/16
All: 37.828+/-110.484 χ²/NDF: 32.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 402.658+/-0.116 χ^2/NDF: 2360092.2/15

Left Out: 274.779+/-0.221 χ^2/NDF:0.0/0

Right Out: 425.980+/-0.120 χ^2/NDF: 2368792.4/18

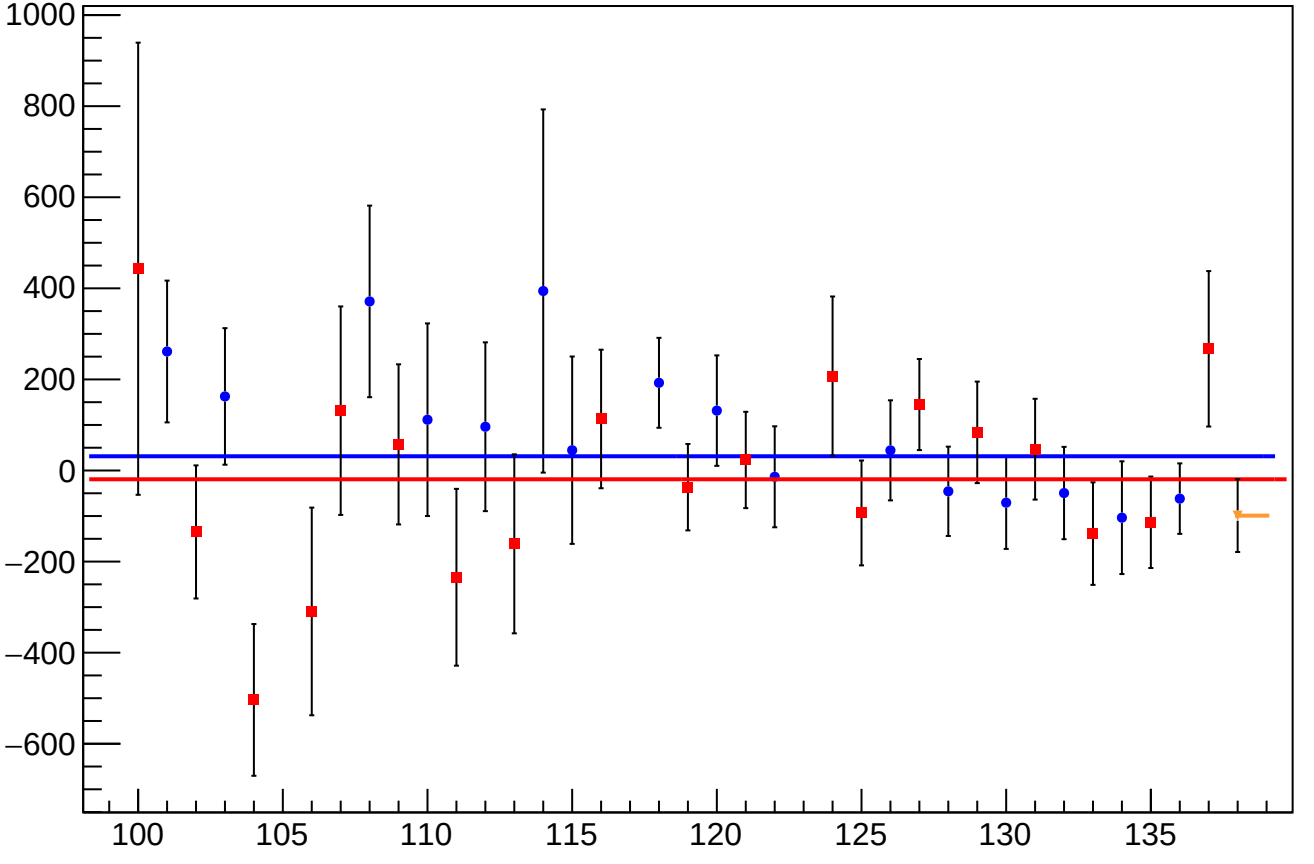
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 375.206+/-0.103 χ^2/NDF: 2621878.6/16

All: 396.553+/-0.078 χ^2/NDF: 5093590.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 31.260+/-30.786 χ^2/NDF: 15.1/15

Left Out: -99.109+/-79.875 χ^2/NDF:0.0/0

Right Out: -19.282+/-31.060 χ^2/NDF: 25.7/18

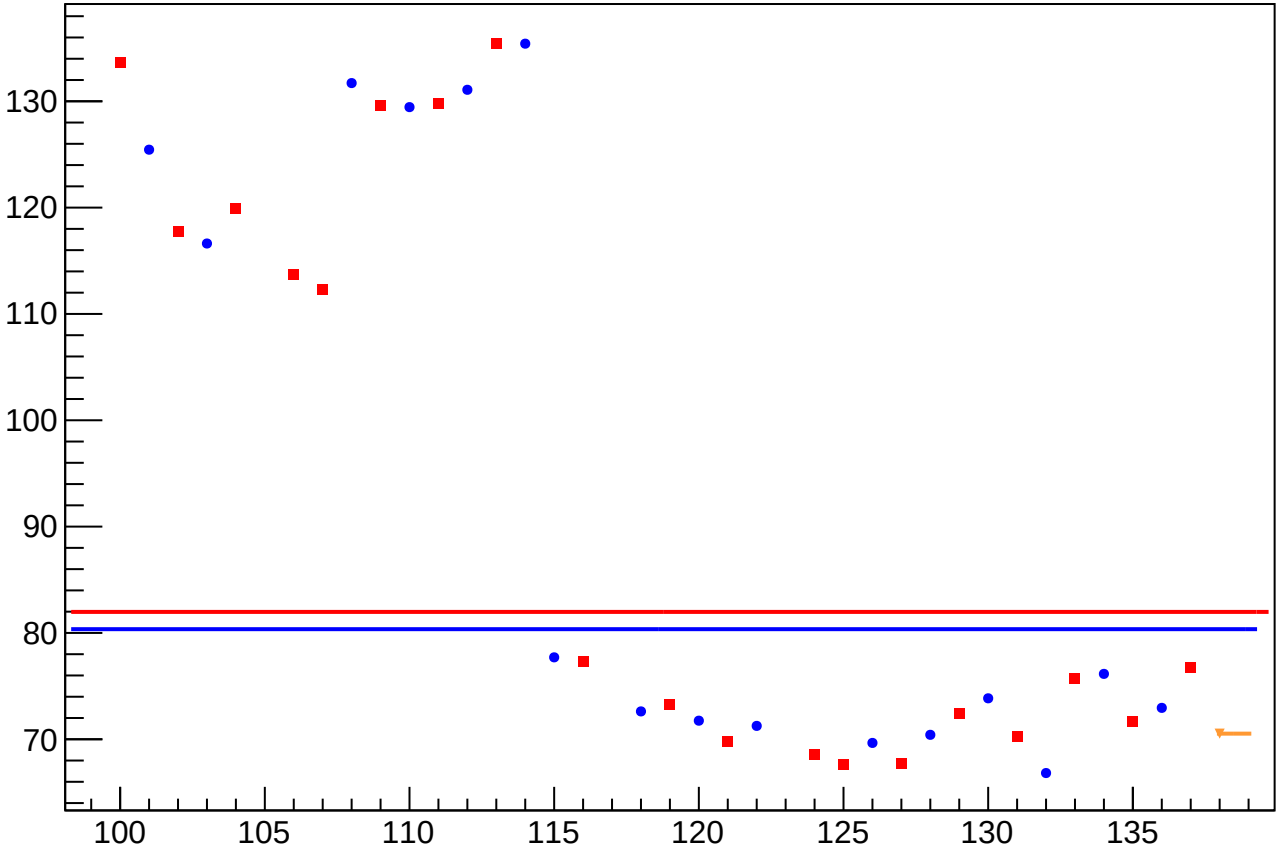
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.397+/-28.726 χ^2/NDF: 17.4/16

All: -1.130+/-21.089 χ^2/NDF: 43.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 80.354+/-0.022 χ^2/NDF: 840039.7/15

Left Out: 70.529+/-0.056 χ^2/NDF:0.0/0

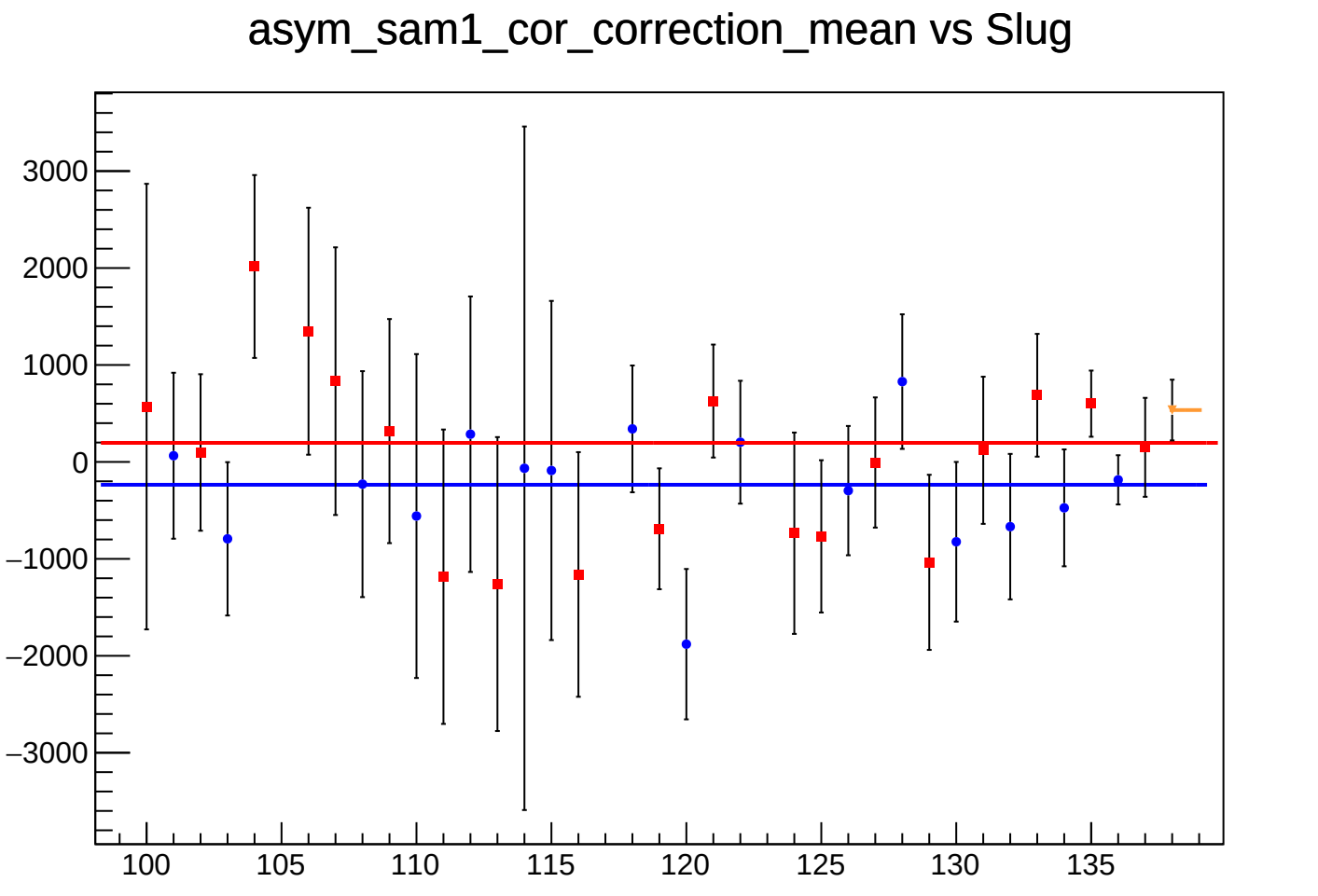
Right Out: 81.978+/-0.022 χ^2/NDF: 930466.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 79.083+/-0.020 χ^2/NDF: 866385.9/16

All: 80.418+/-0.015 χ^2/NDF: 1806215.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -235.519+/-163.765 χ^2/NDF: 9.9/15

Left Out: 535.043+/-313.232 χ^2/NDF:0.0/0

Right Out: 196.579+/-170.492 χ^2/NDF: 16.6/18

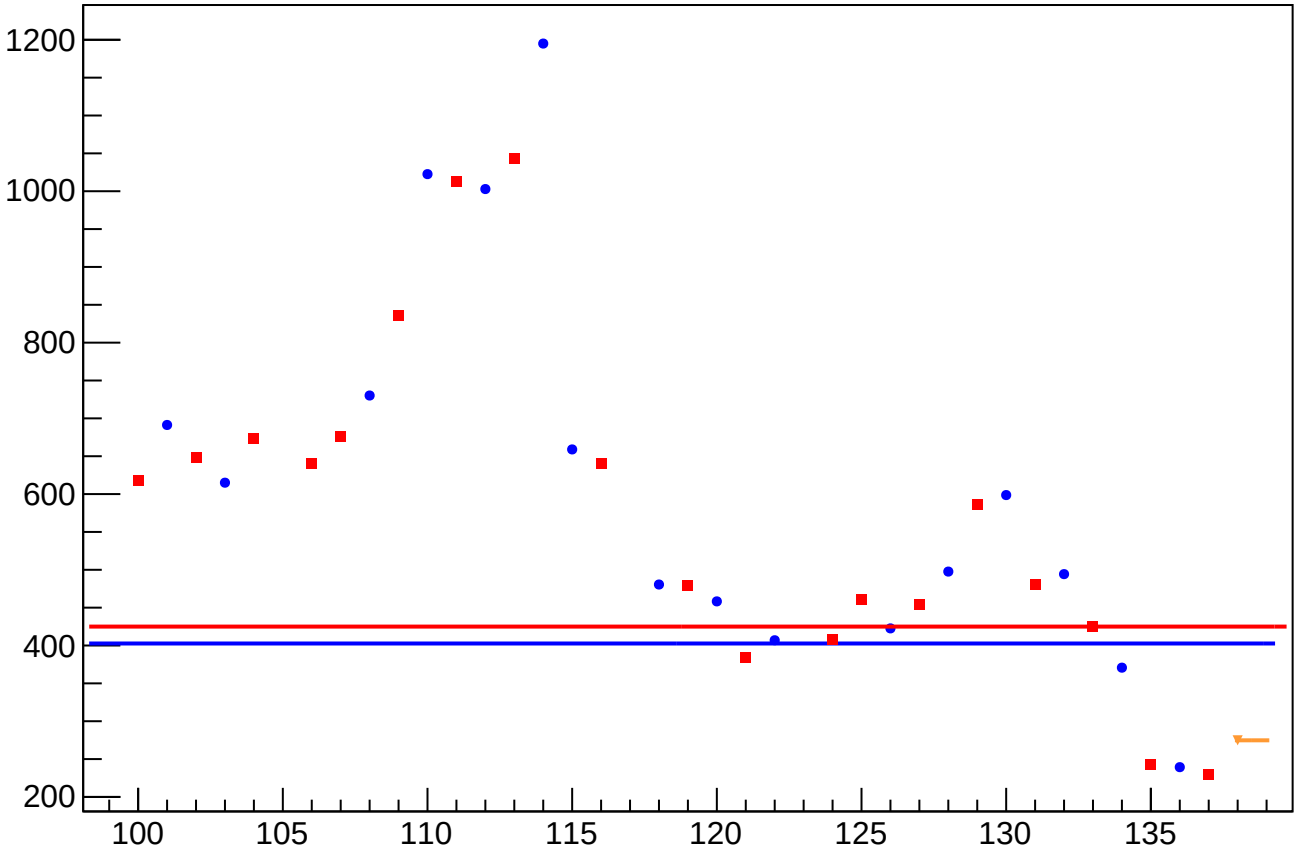
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -70.105+/-145.127 χ^2/NDF: 14.7/16

All: 41.942+/-110.511 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 402.658+/-0.116 χ^2/NDF: 2360087.3/15

Left Out: 274.779+/-0.221 χ^2/NDF:0.0/0

Right Out: 424.988+/-0.121 χ^2/NDF: 2341027.2/18

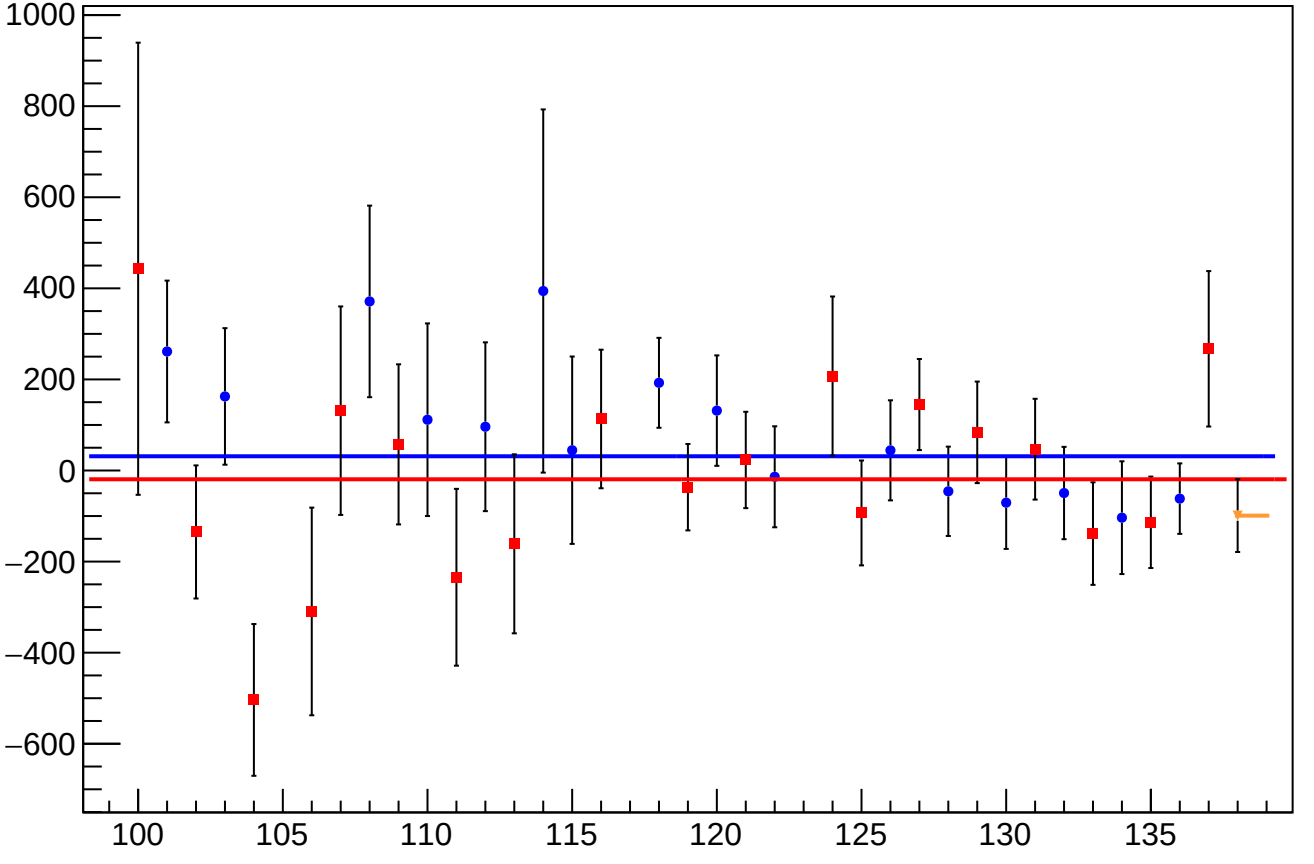
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 375.207+/-0.103 χ^2/NDF: 2621877.2/16

All: 396.122+/-0.078 χ^2/NDF: 5061775.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 31.260+/-30.786 χ^2/NDF: 15.1/15

Left Out: -99.109+/-79.875 χ^2/NDF:0.0/0

Right Out: -19.282+/-31.060 χ^2/NDF: 25.7/18

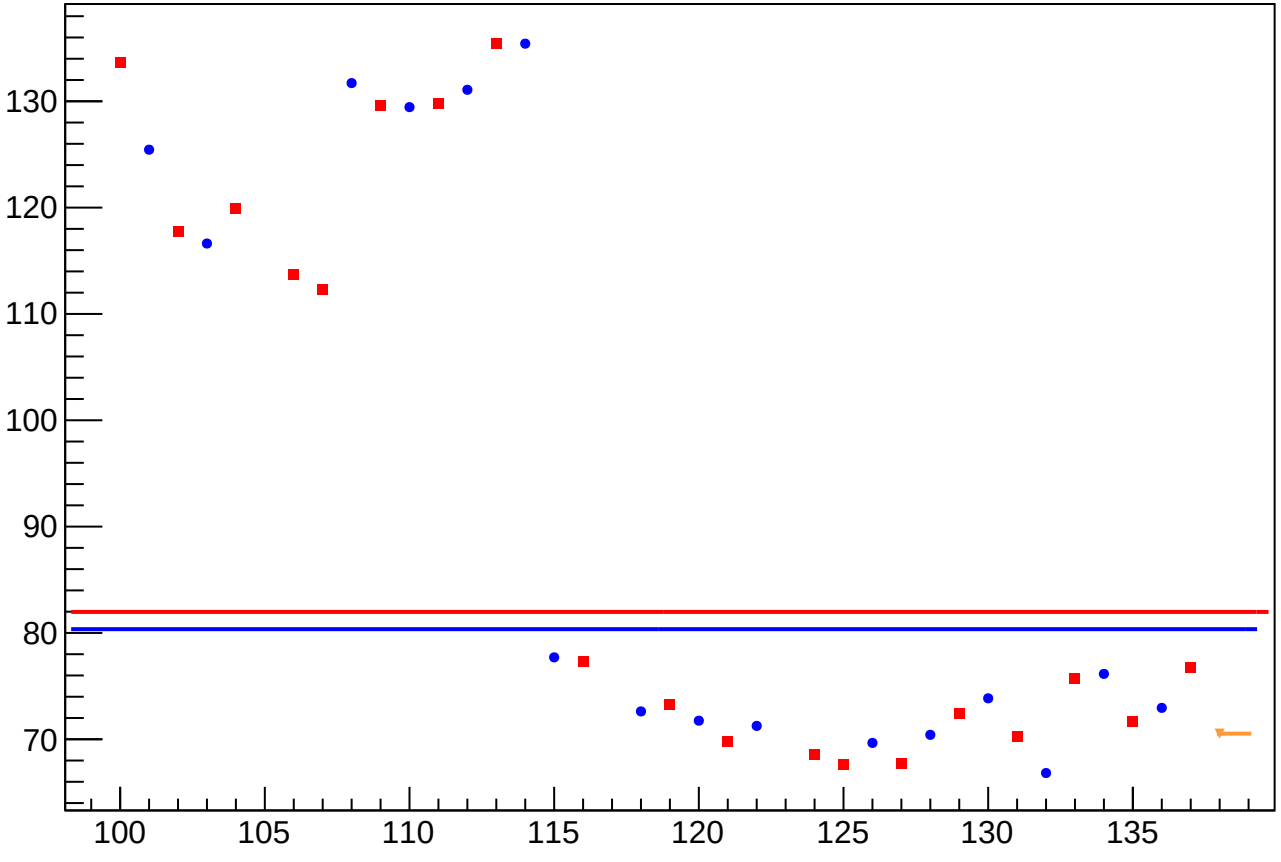
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.397+/-28.726 χ^2/NDF: 17.4/16

All: -1.130+/-21.089 χ^2/NDF: 43.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 80.354+/-0.022 χ^2/NDF: 840039.7/15

Left Out: 70.529+/-0.056 χ^2/NDF:0.0/0

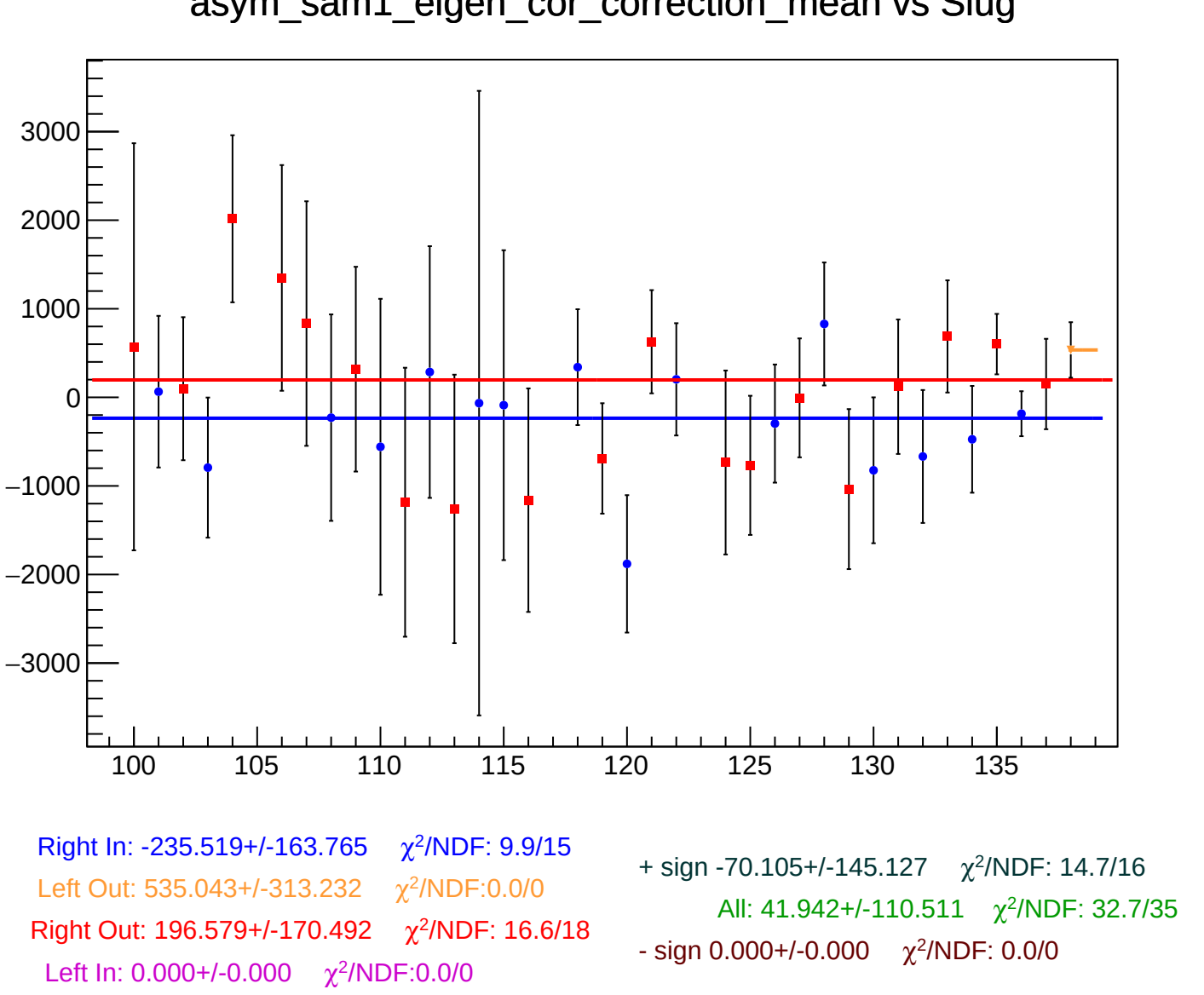
Right Out: 81.978+/-0.022 χ^2/NDF: 930466.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

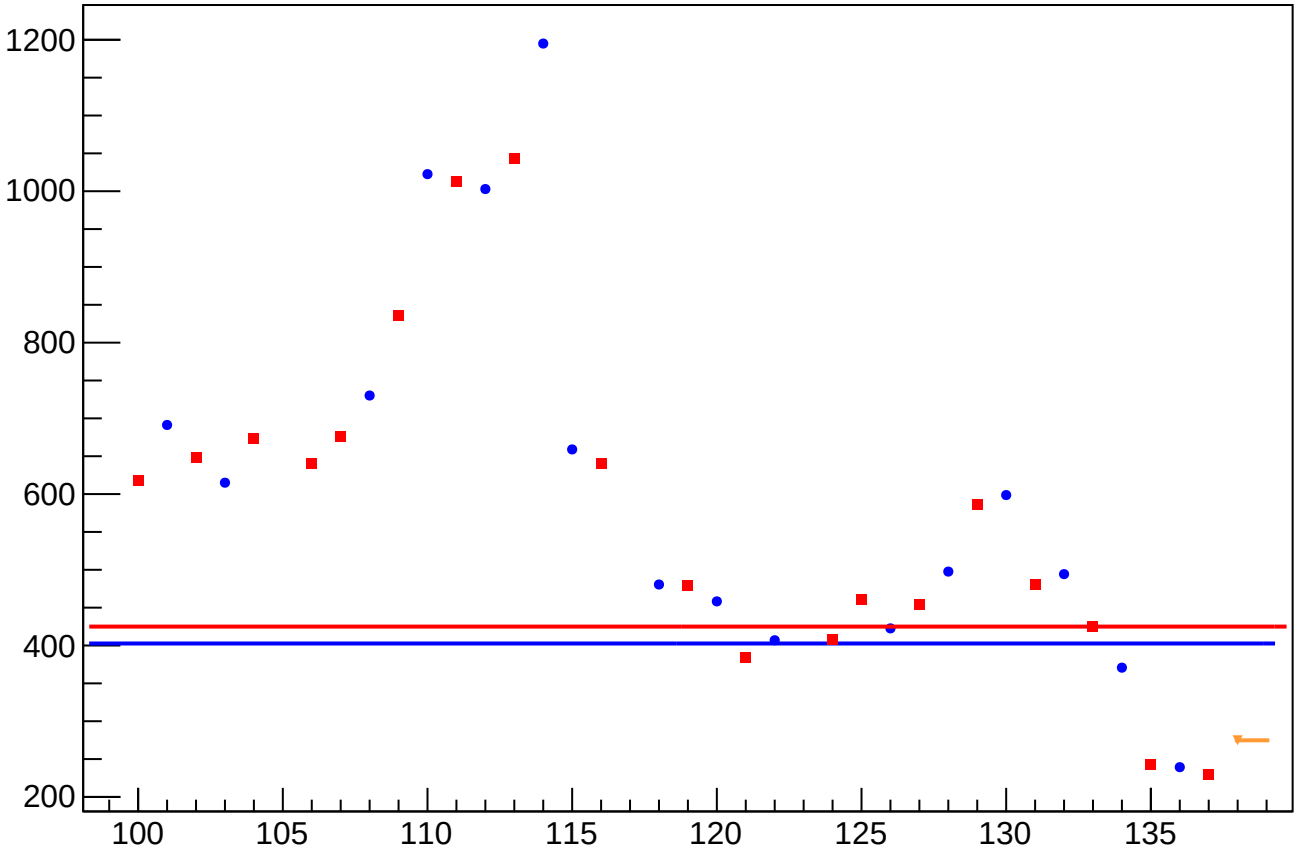
+ sign 79.083+/-0.020 χ^2/NDF: 866385.9/16

All: 80.418+/-0.015 χ^2/NDF: 1806215.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam1_eigen_cor_correction_mean vs Slug
3000
2000
1000
0
−1000
−2000
−3000
100
105
110
115
120
125
130
135
Right In: -235.519+/-163.765 χ²/NDF: 9.9/15
Left Out: 535.043+/-313.232 χ²/NDF:0.0/0
Right Out: 196.579+/-170.492 χ²/NDF: 16.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -70.105+/-145.127 χ²/NDF: 14.7/16
All: 41.942+/-110.511 χ²/NDF: 32.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 402.658+/-0.116 χ^2/NDF: 2360087.3/15

Left Out: 274.779+/-0.221 χ^2/NDF:0.0/0

Right Out: 424.988+/-0.121 χ^2/NDF: 2341027.2/18

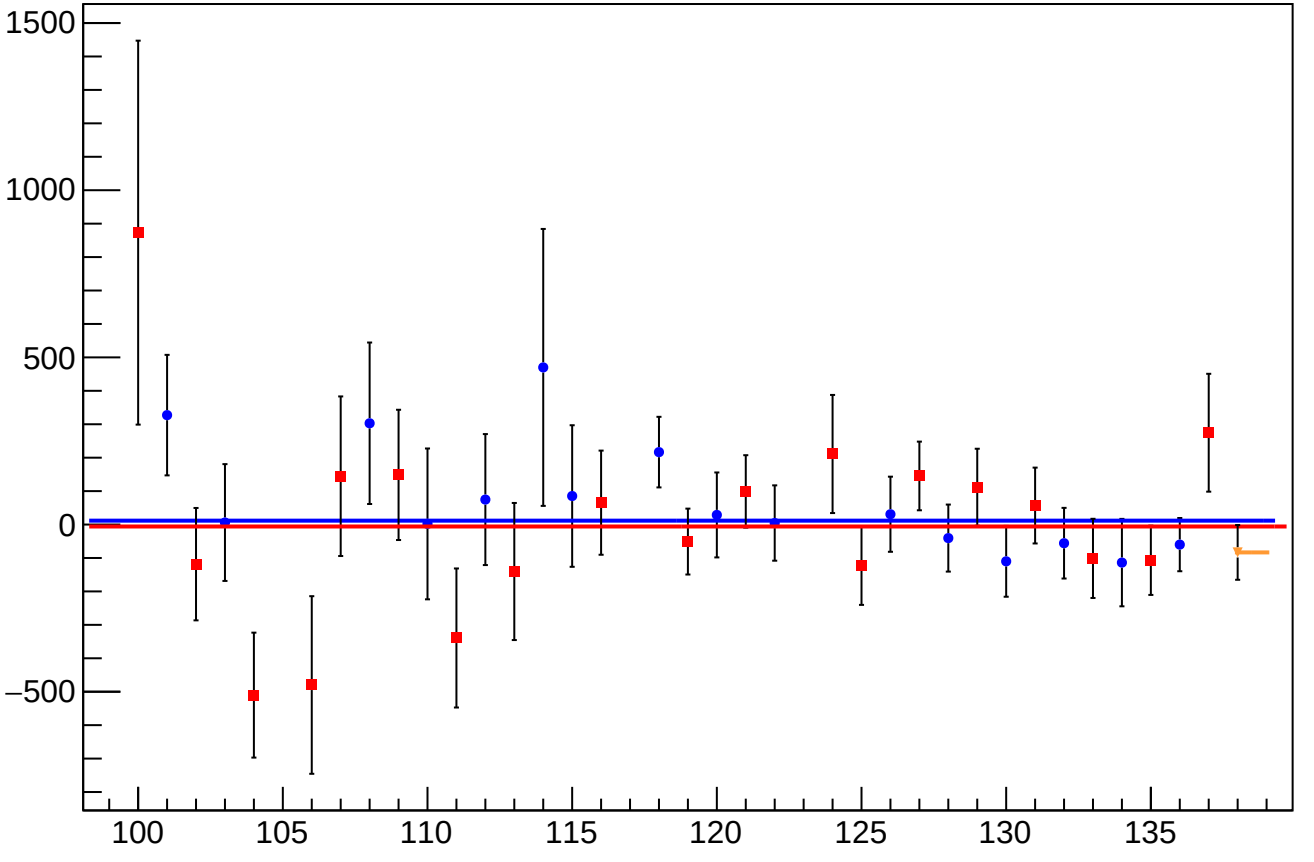
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 375.207+/-0.103 χ^2/NDF: 2621877.2/16

All: 396.122+/-0.078 χ^2/NDF: 5061775.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 11.651+/-32.297 χ^2/NDF: 13.5/15

Left Out: -83.343+/-81.856 χ^2/NDF:0.0/0

Right Out: -5.817+/-32.444 χ^2/NDF: 28.8/18

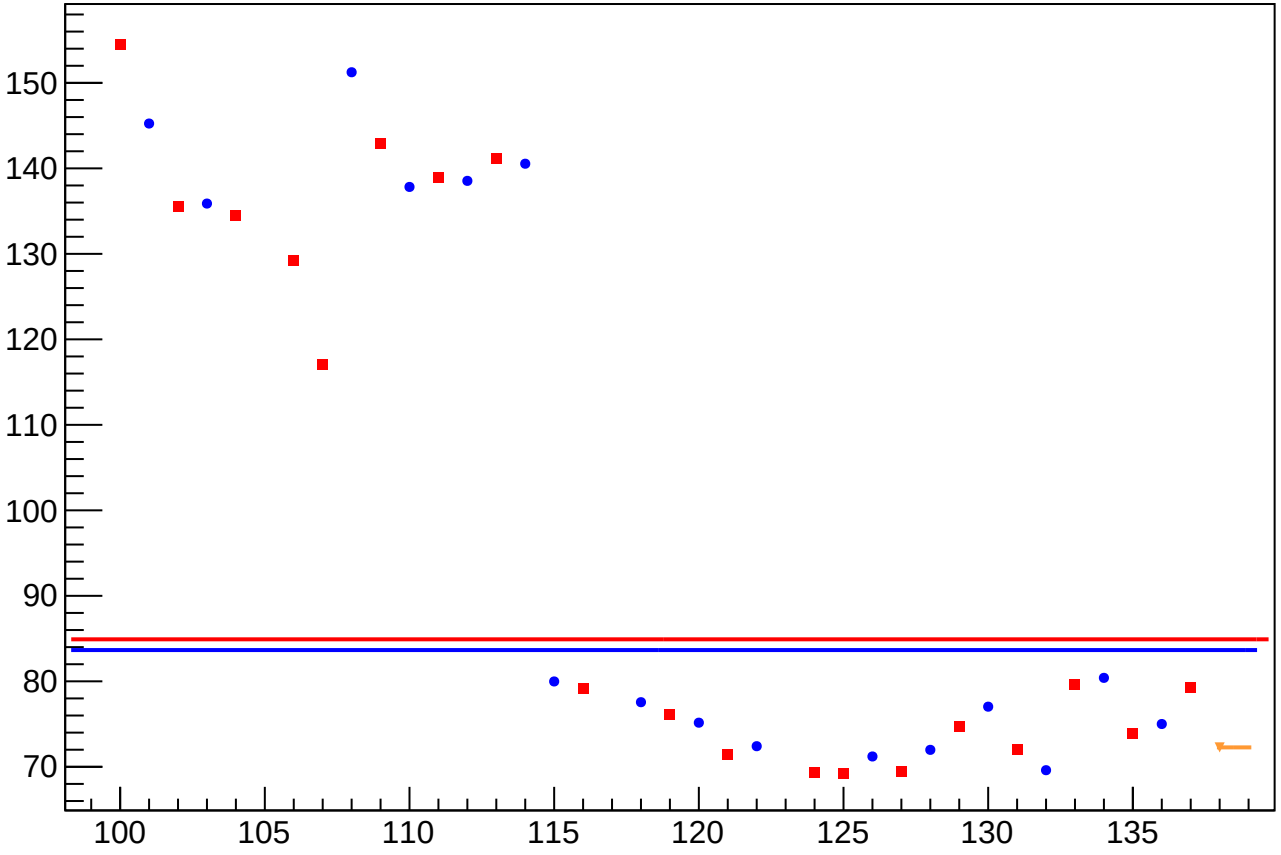
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.145+/-30.043 χ^2/NDF: 14.7/16

All: -3.302+/-22.044 χ^2/NDF: 43.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 83.657+/-0.023 χ^2/NDF: 1034794.6/15

Left Out: 72.272+/-0.058 χ^2/NDF:0.0/0

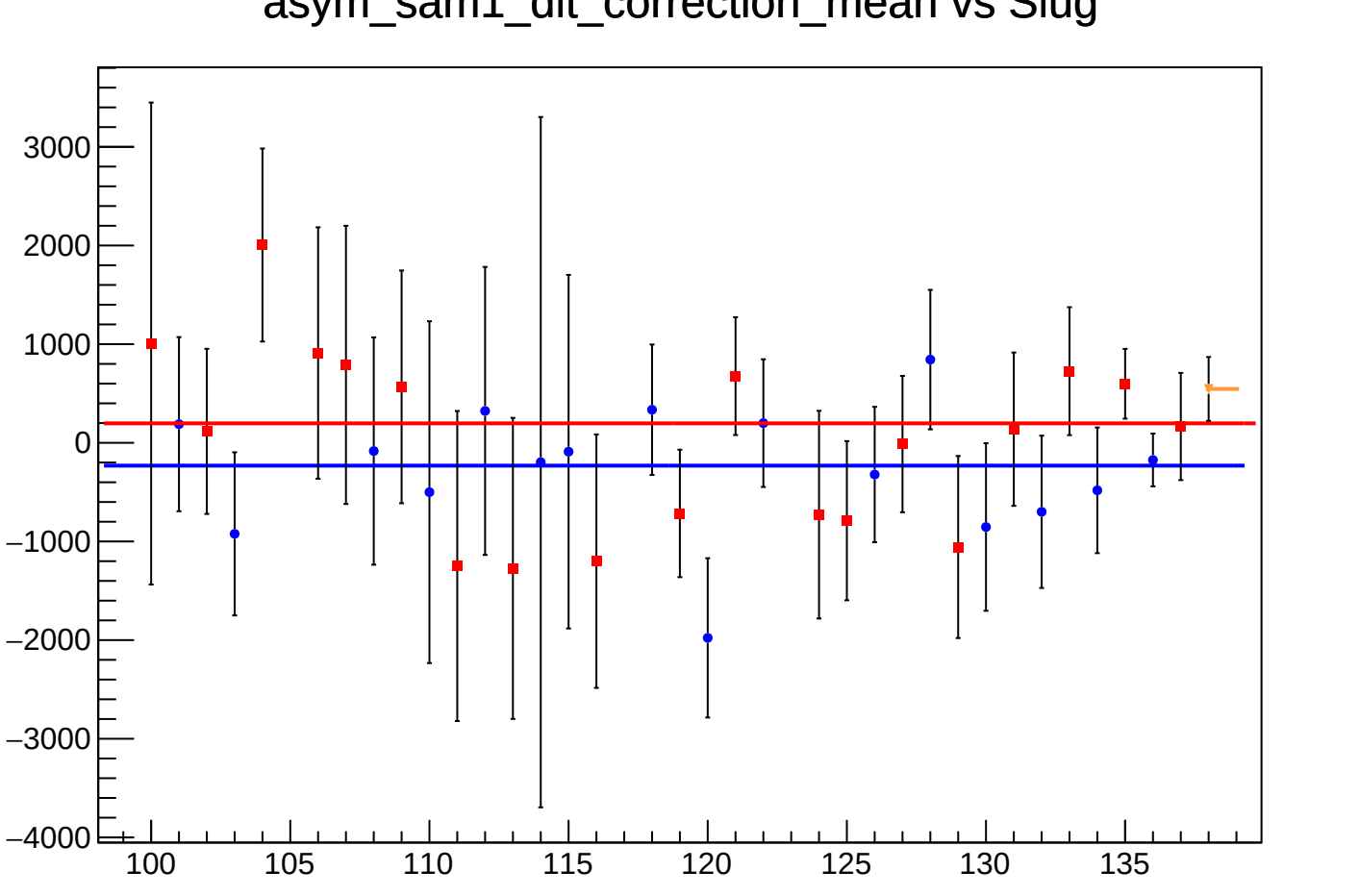
Right Out: 84.913+/-0.023 χ^2/NDF: 1121669.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 82.123+/-0.021 χ^2/NDF: 1068272.3/16

All: 83.411+/-0.016 χ^2/NDF: 2197901.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -231.407+/-170.133 χ^2/NDF: 10.4/15

Left Out: 546.007+/-324.023 χ^2/NDF:0.0/0

Right Out: 197.206+/-176.091 χ^2/NDF: 15.9/18

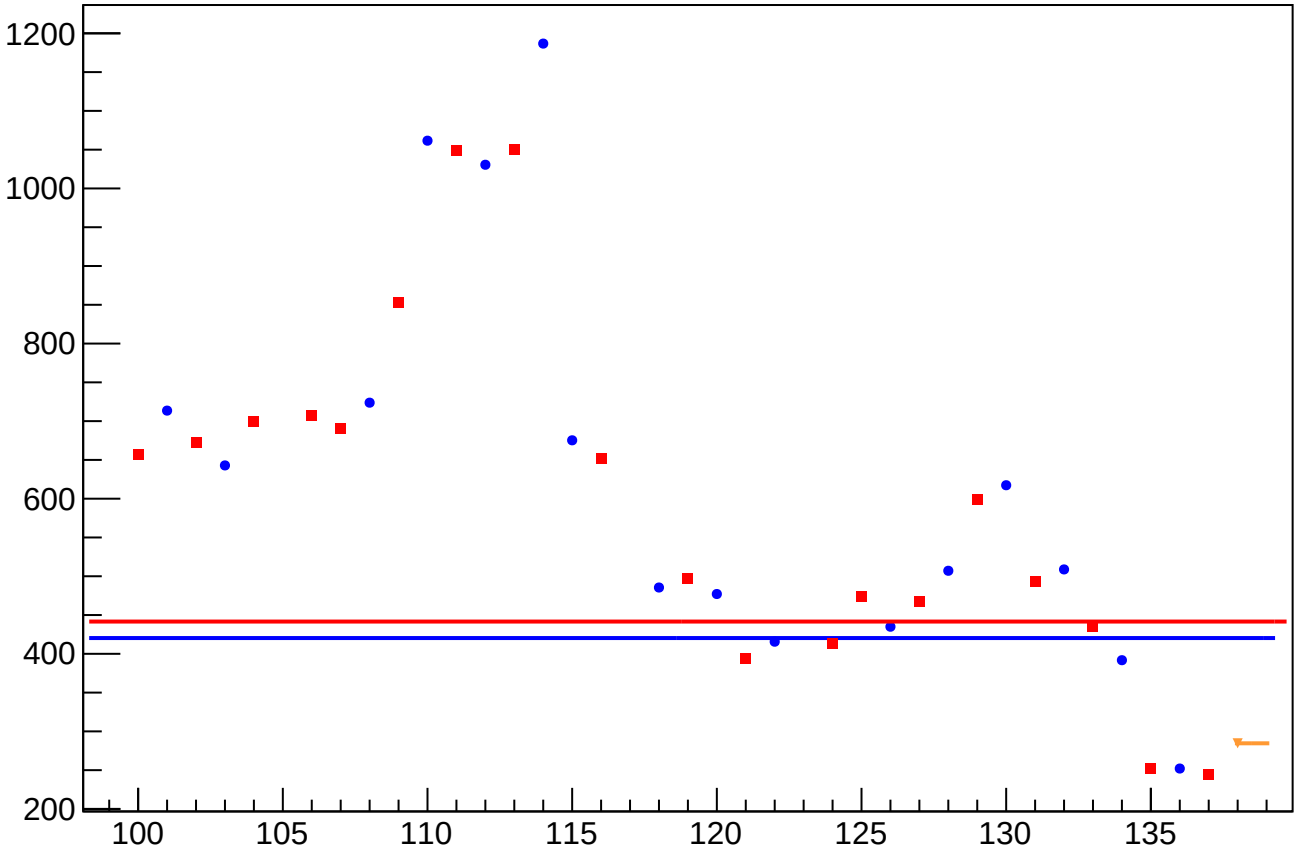
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -63.399+/-150.631 χ^2/NDF: 14.9/16

All: 46.719+/-114.465 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 420.329+/-0.120 χ^2/NDF: 2254610.0/15

Left Out: 284.612+/-0.229 χ^2/NDF:0.0/0

Right Out: 441.598+/-0.125 χ^2/NDF: 2307588.5/18

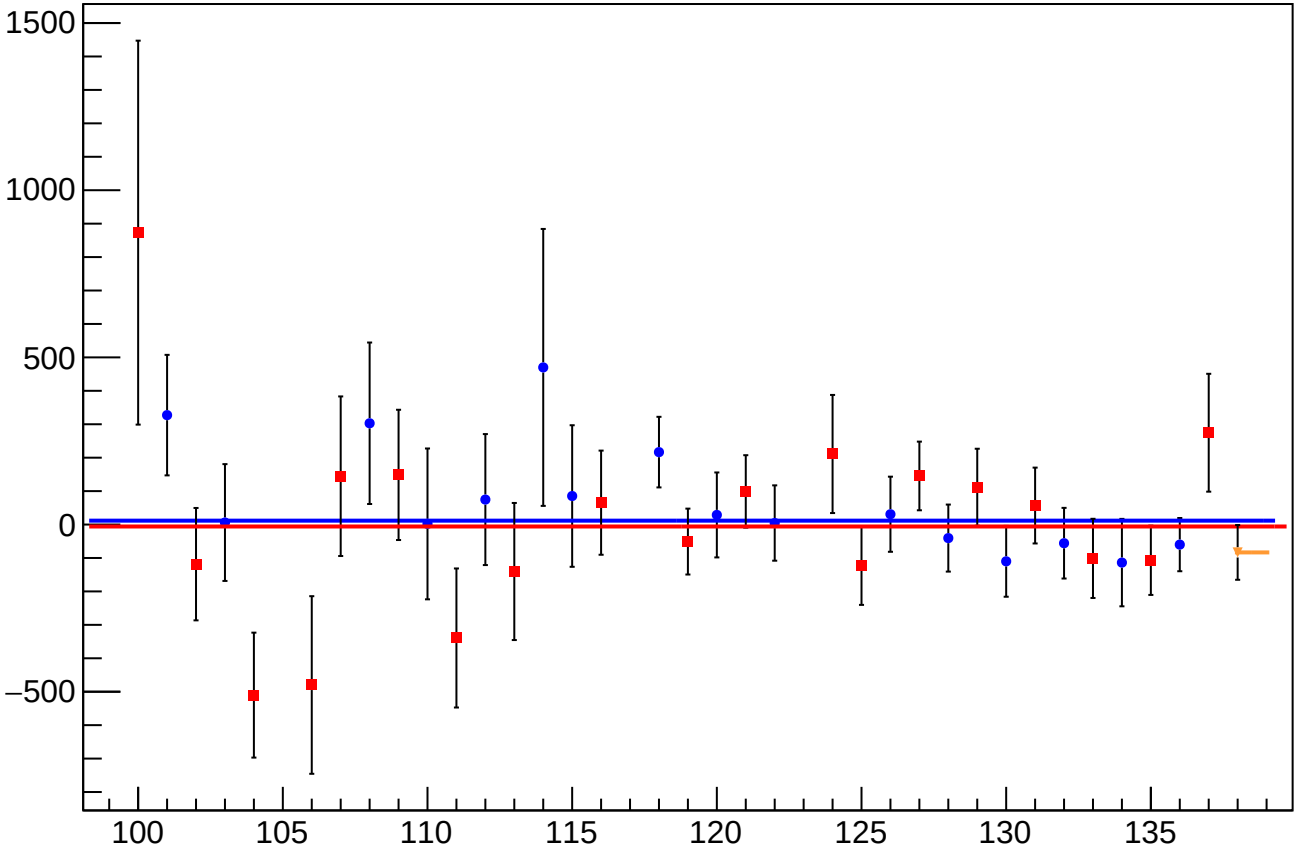
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 390.999+/-0.107 χ^2/NDF: 2529654.2/16

All: 412.379+/-0.081 χ^2/NDF: 4932598.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 11.652+/-32.297 χ^2/NDF: 13.5/15

Left Out: -83.345+/-81.856 χ^2/NDF:0.0/0

Right Out: -5.816+/-32.444 χ^2/NDF: 28.8/18

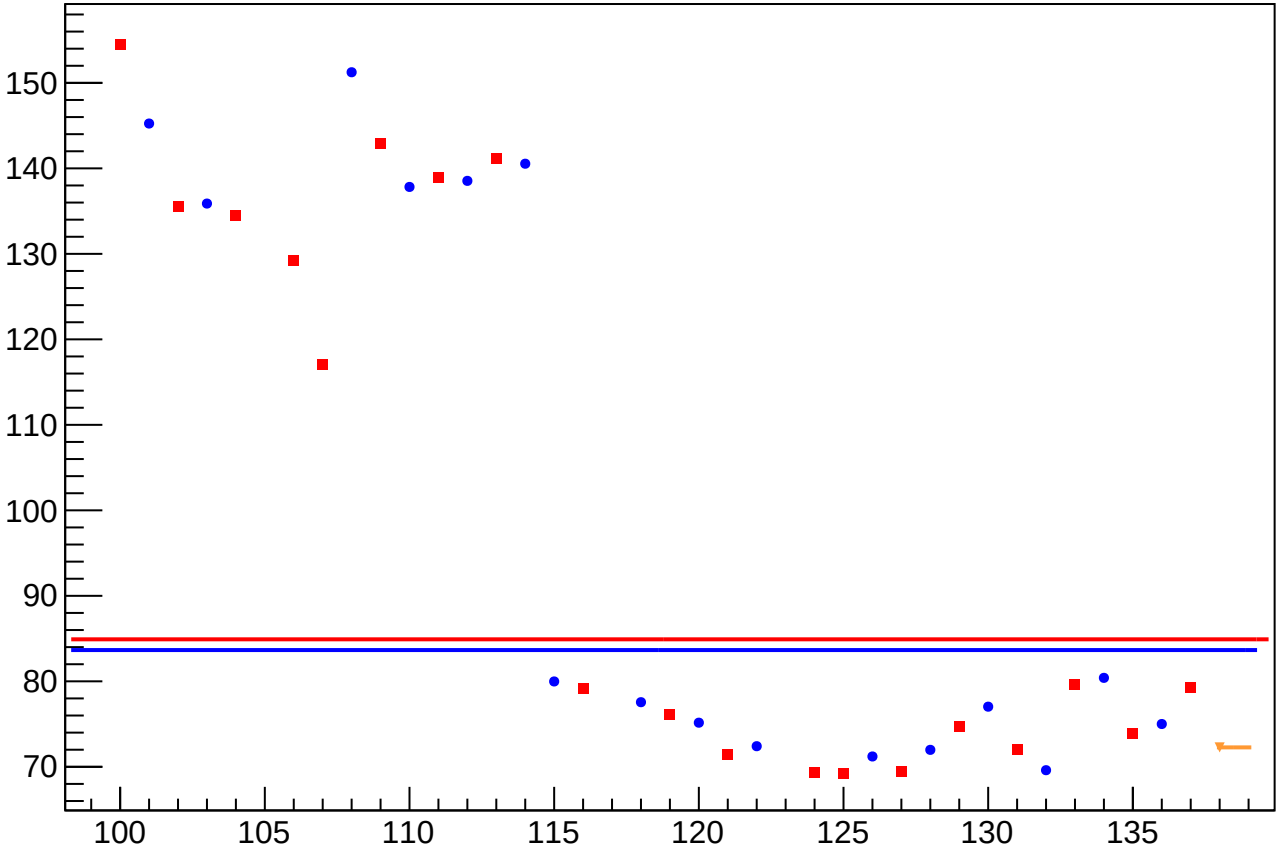
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.145+/-30.043 χ^2/NDF: 14.7/16

All: -3.301+/-22.044 χ^2/NDF: 43.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 83.657+/-0.023 χ^2/NDF: 1034794.1/15

Left Out: 72.272+/-0.058 χ^2/NDF:0.0/0

Right Out: 84.913+/-0.023 χ^2/NDF: 1121668.5/18

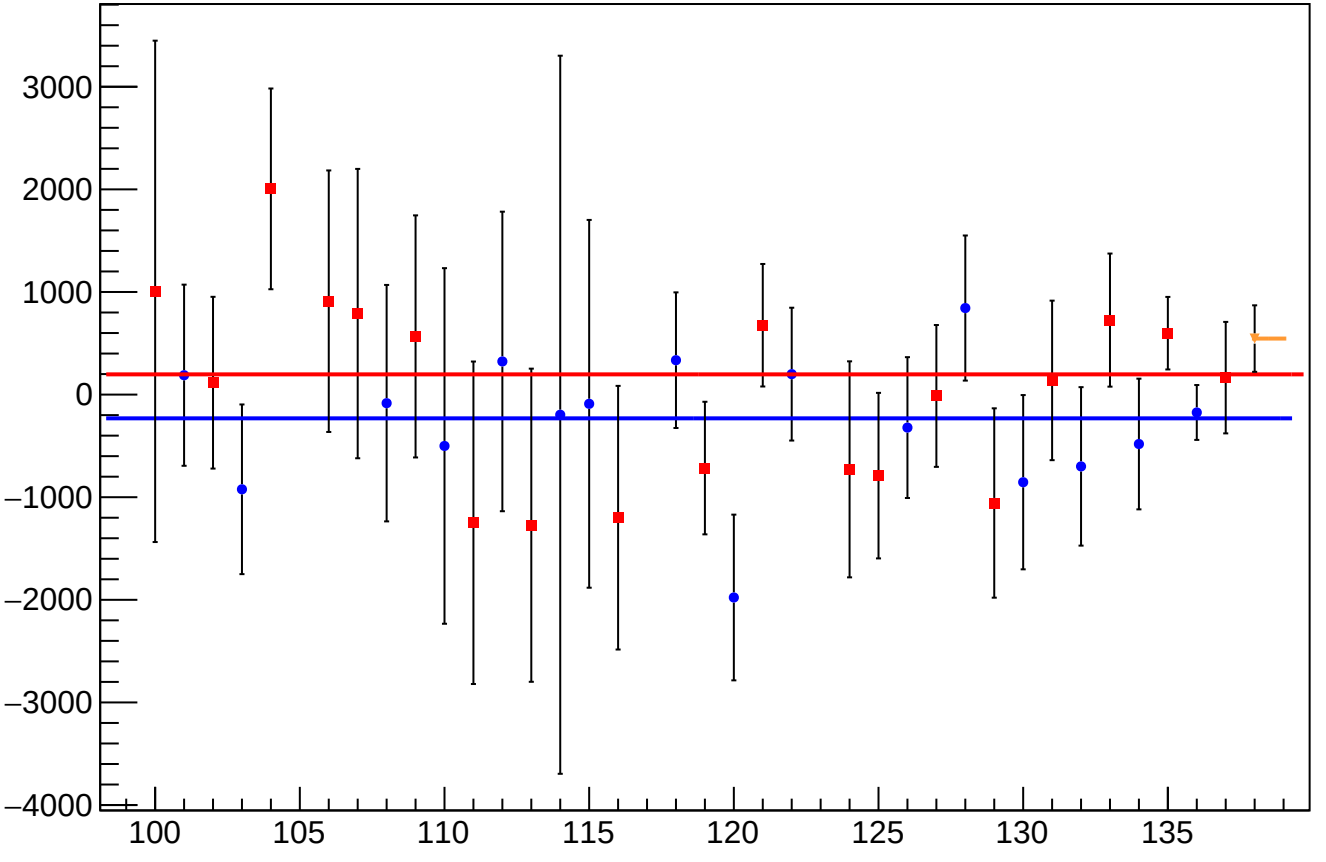
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 82.123+/-0.021 χ^2/NDF: 1068271.5/16

All: 83.411+/-0.016 χ^2/NDF: 2197899.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -231.405+/-170.132 χ^2/NDF: 10.4/15

Left Out: 546.004+/-324.023 χ^2/NDF:0.0/0

Right Out: 197.207+/-176.091 χ^2/NDF: 15.9/18

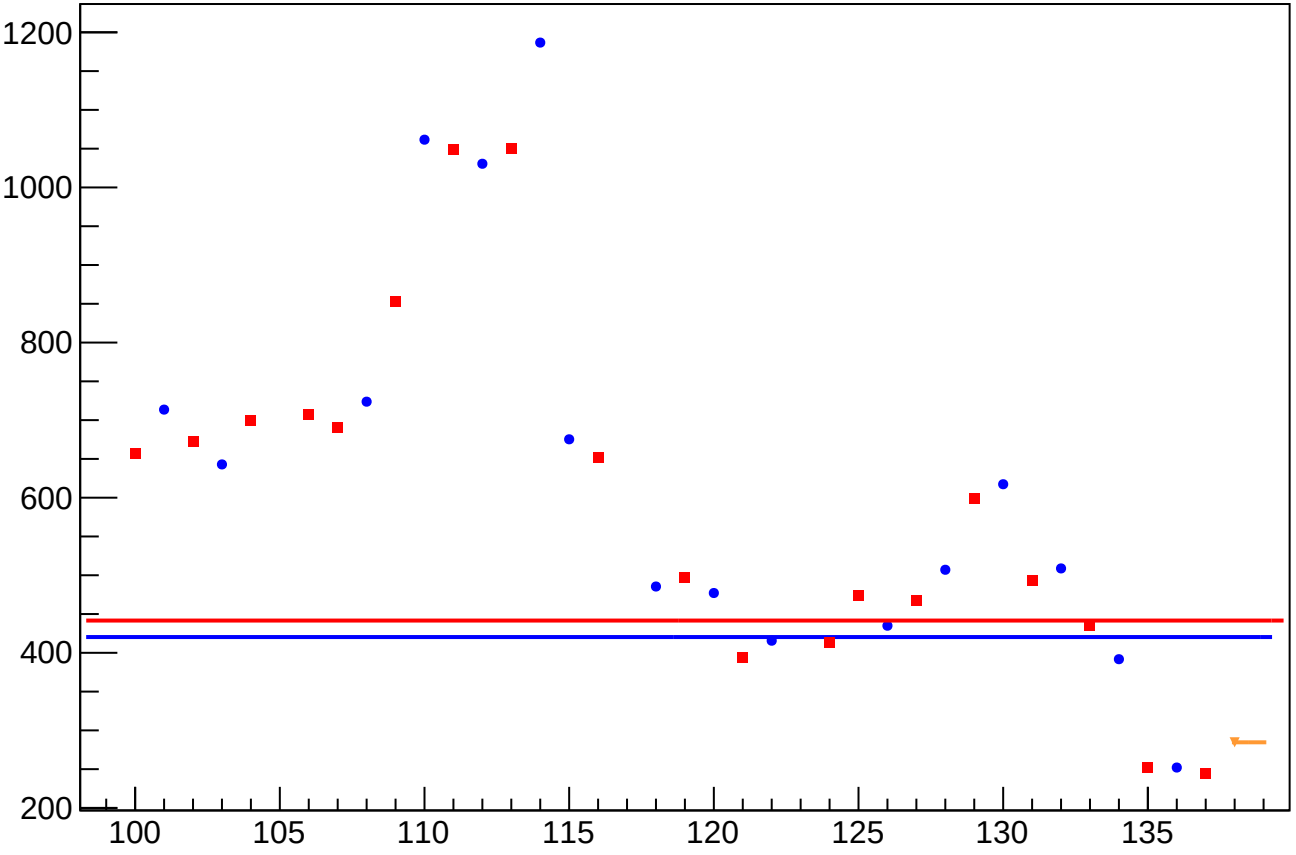
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -63.398+/-150.631 χ^2/NDF: 14.9/16

All: 46.719+/-114.465 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 420.329+/-0.120 χ^2/NDF: 2254614.9/15

Left Out: 284.612+/-0.229 χ^2/NDF:0.0/0

Right Out: 441.597+/-0.125 χ^2/NDF: 2307595.1/18

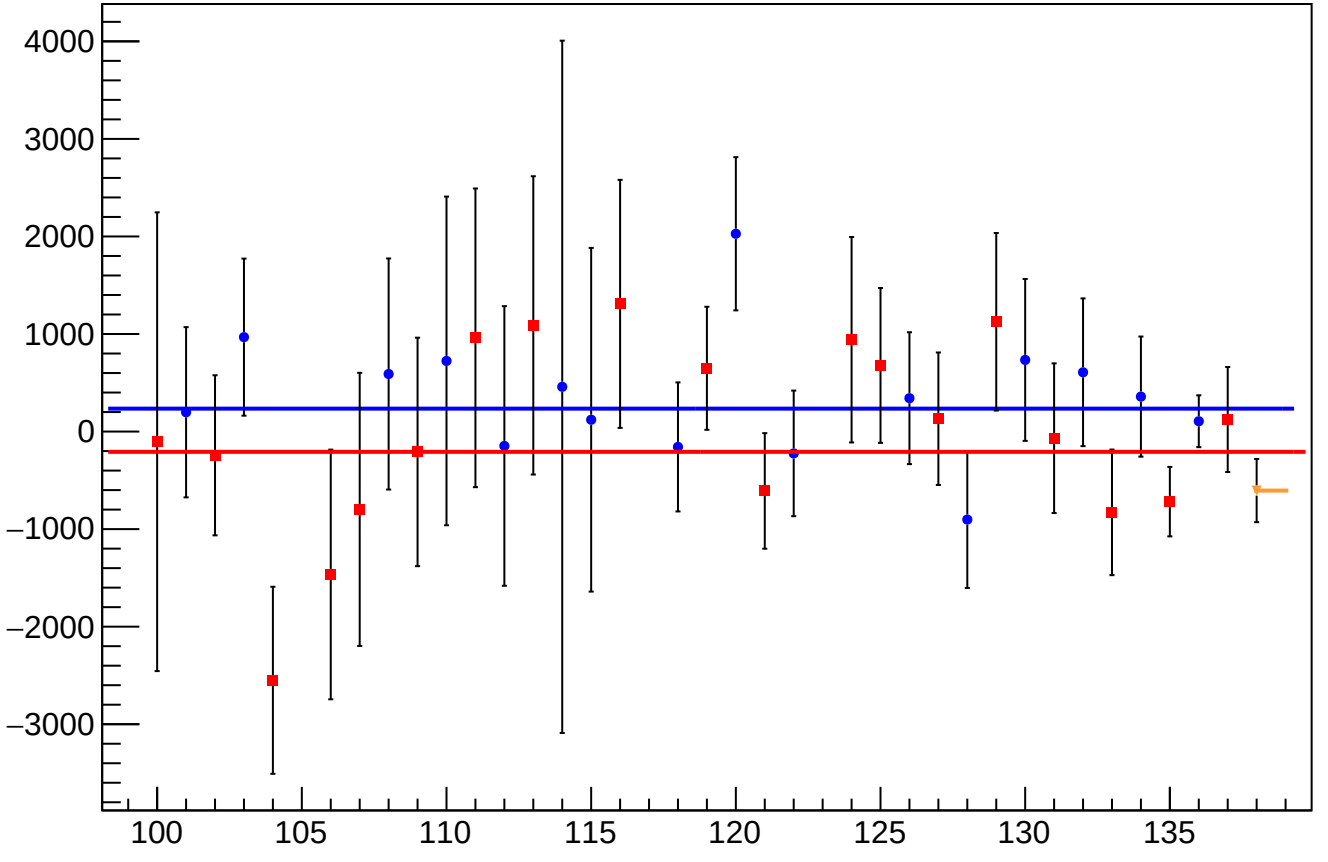
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 390.999+/-0.107 χ^2/NDF: 2529657.3/16

All: 412.379+/-0.081 χ^2/NDF: 4932607.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_mean vs Slug



Right In: 235.054+/-168.199 χ^2/NDF: 10.7/15

Left Out: -604.926+/-323.984 χ^2/NDF:0.0/0

Right Out: -207.936+/-174.716 χ^2/NDF: 20.4/18

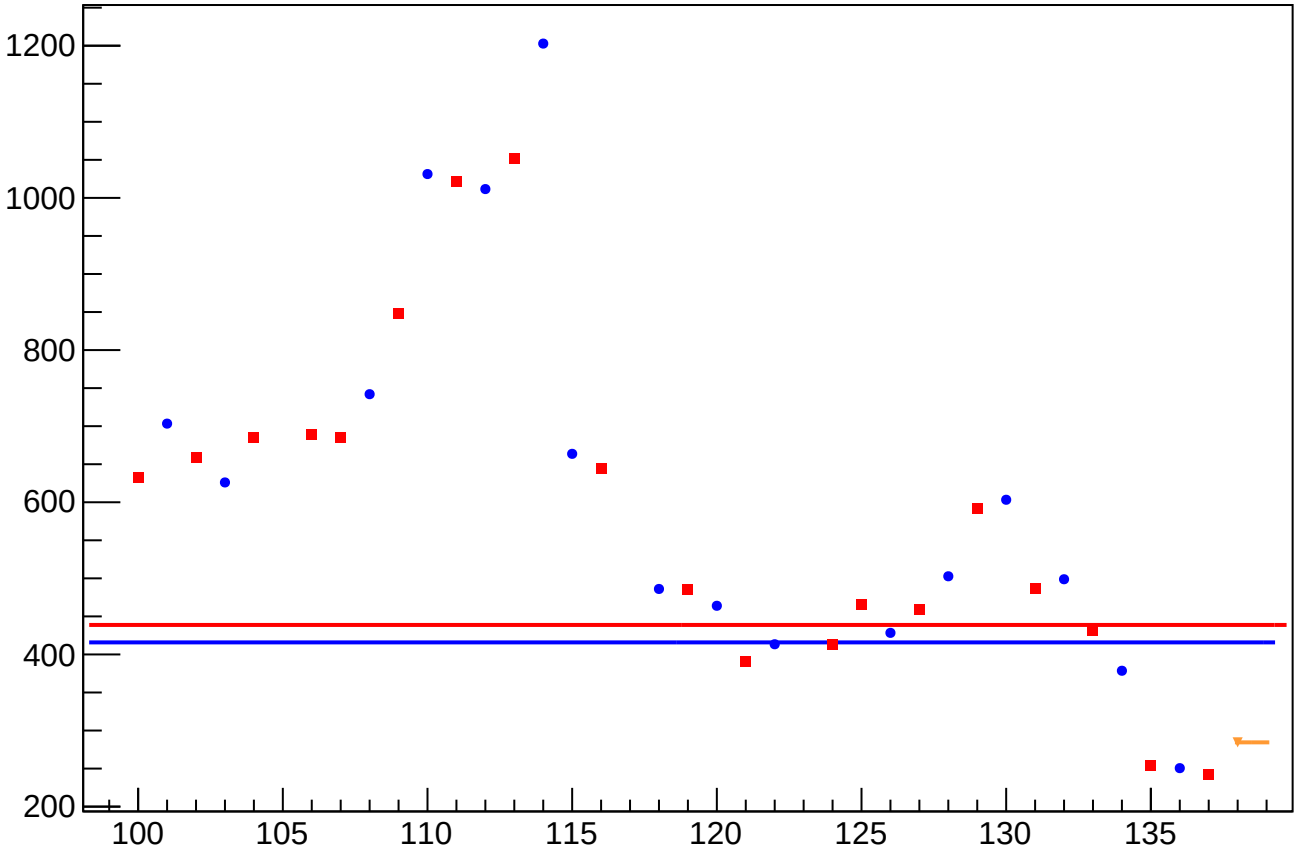
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.723+/-149.280 χ^2/NDF: 16.0/16

All: -54.957+/-113.495 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_rms vs Slug



Right In: 415.840+/-0.119 χ^2/NDF: 2223949.6/15

Left Out: 284.467+/-0.229 χ^2/NDF:0.0/0

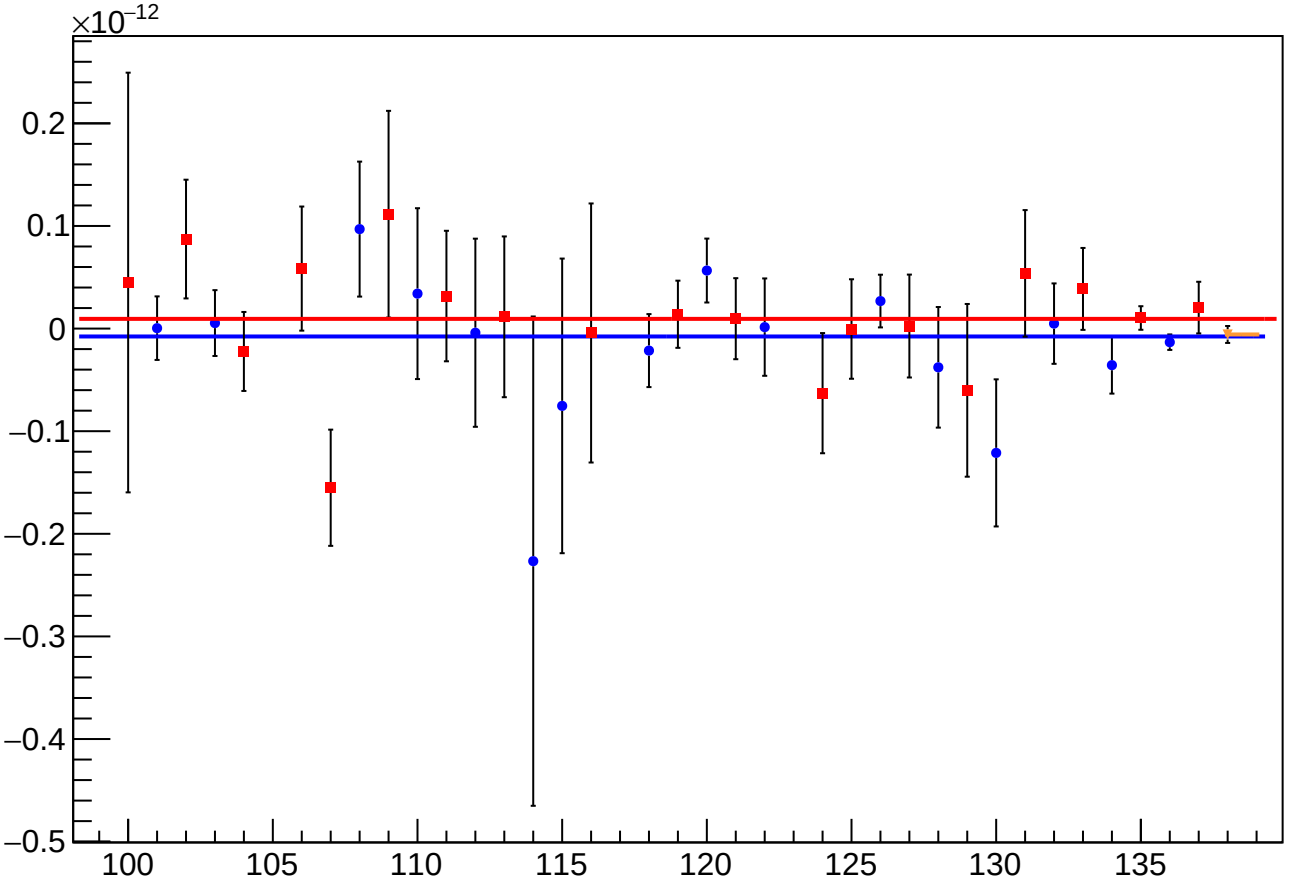
Right Out: 438.773+/-0.124 χ^2/NDF: 2234776.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 387.949+/-0.106 χ^2/NDF: 2482980.8/16

All: 409.395+/-0.080 χ^2/NDF: 4815583.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

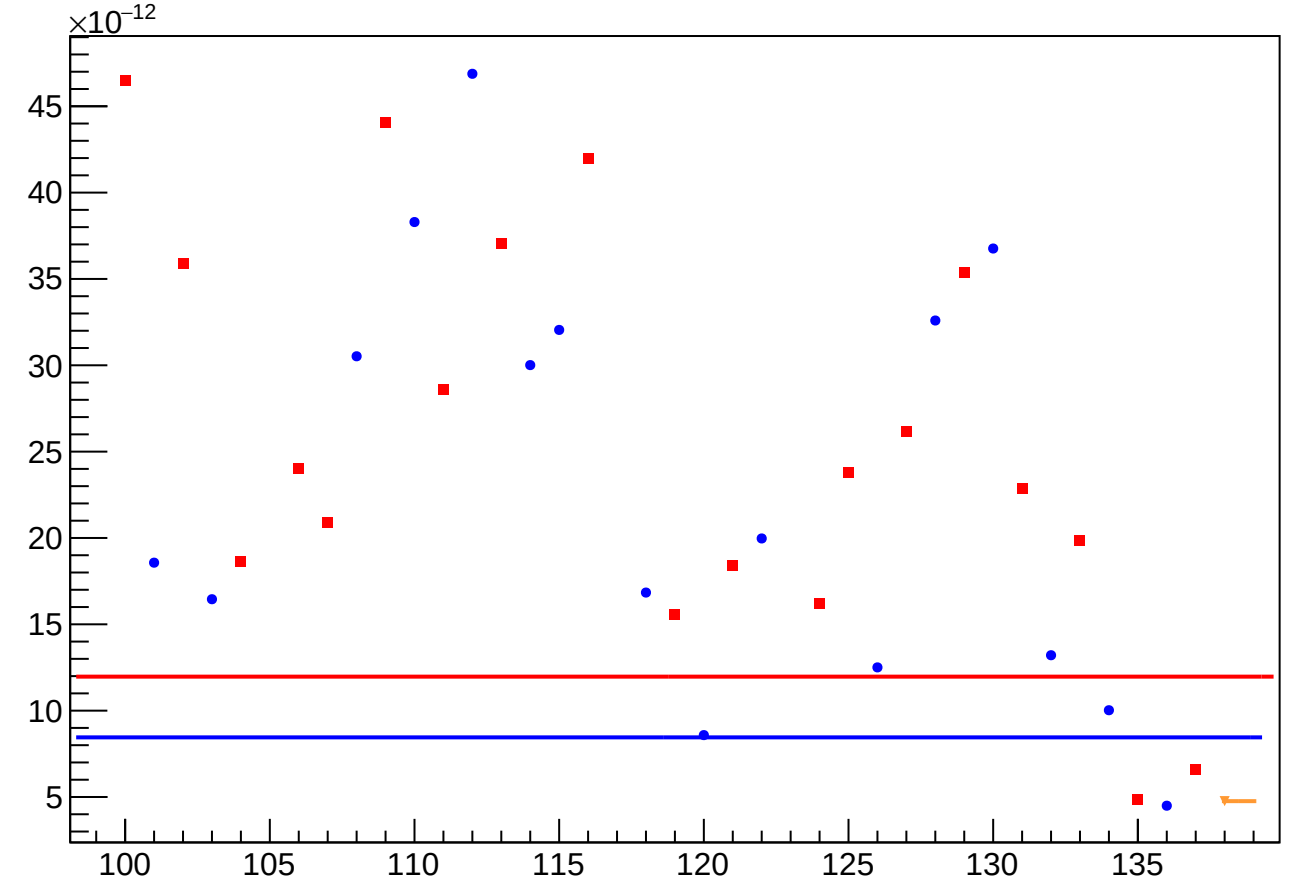
Right Out: 0.000+/-0.000 χ^2/NDF: 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 14.8/16

All: -0.000+/-0.000 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2756090.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2760154.9/18

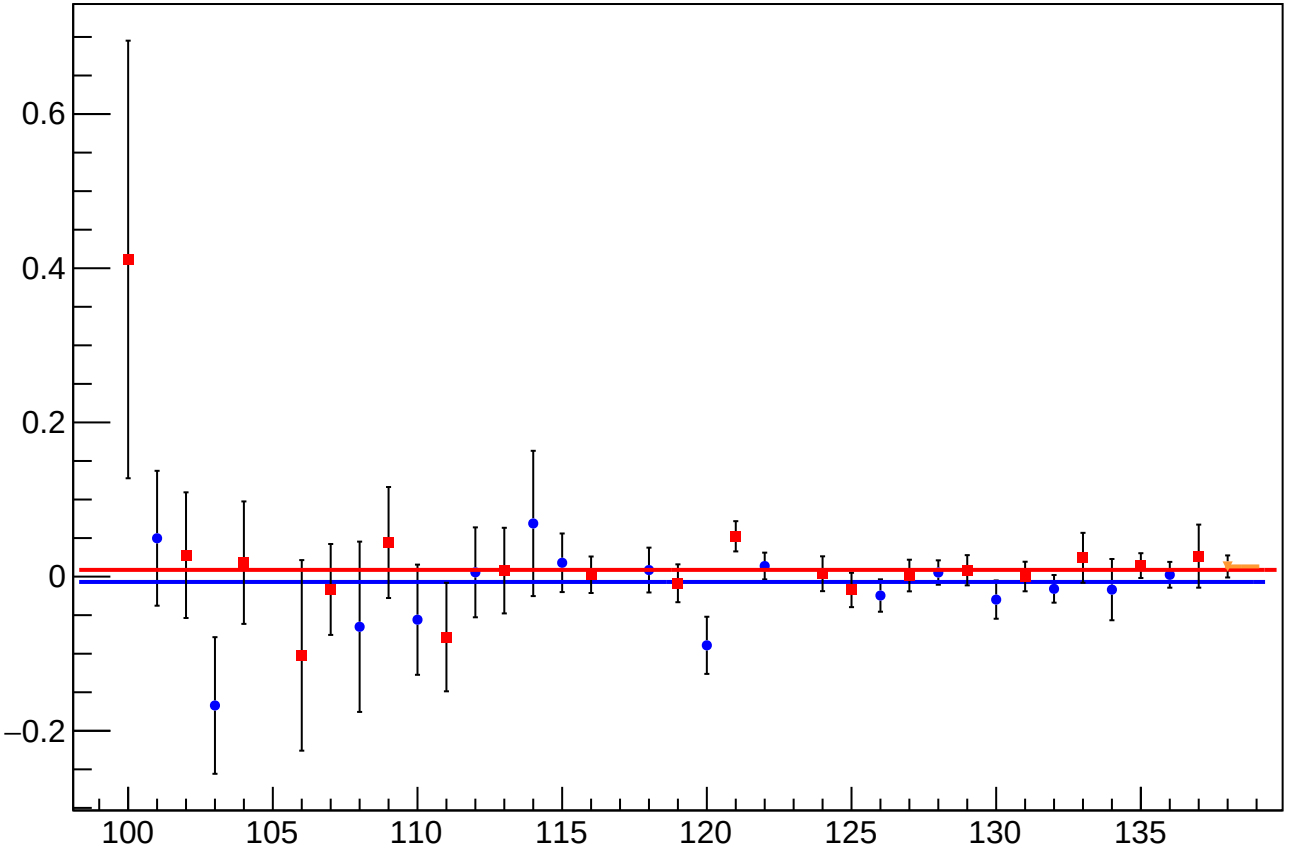
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3013477.1/16

All: 0.000+/-0.000 χ^2/NDF: 6289251.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.007+/-0.007 χ^2/NDF: 14.9/15

Left Out: 0.013+/-0.014 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.006 χ^2/NDF: 12.6/18

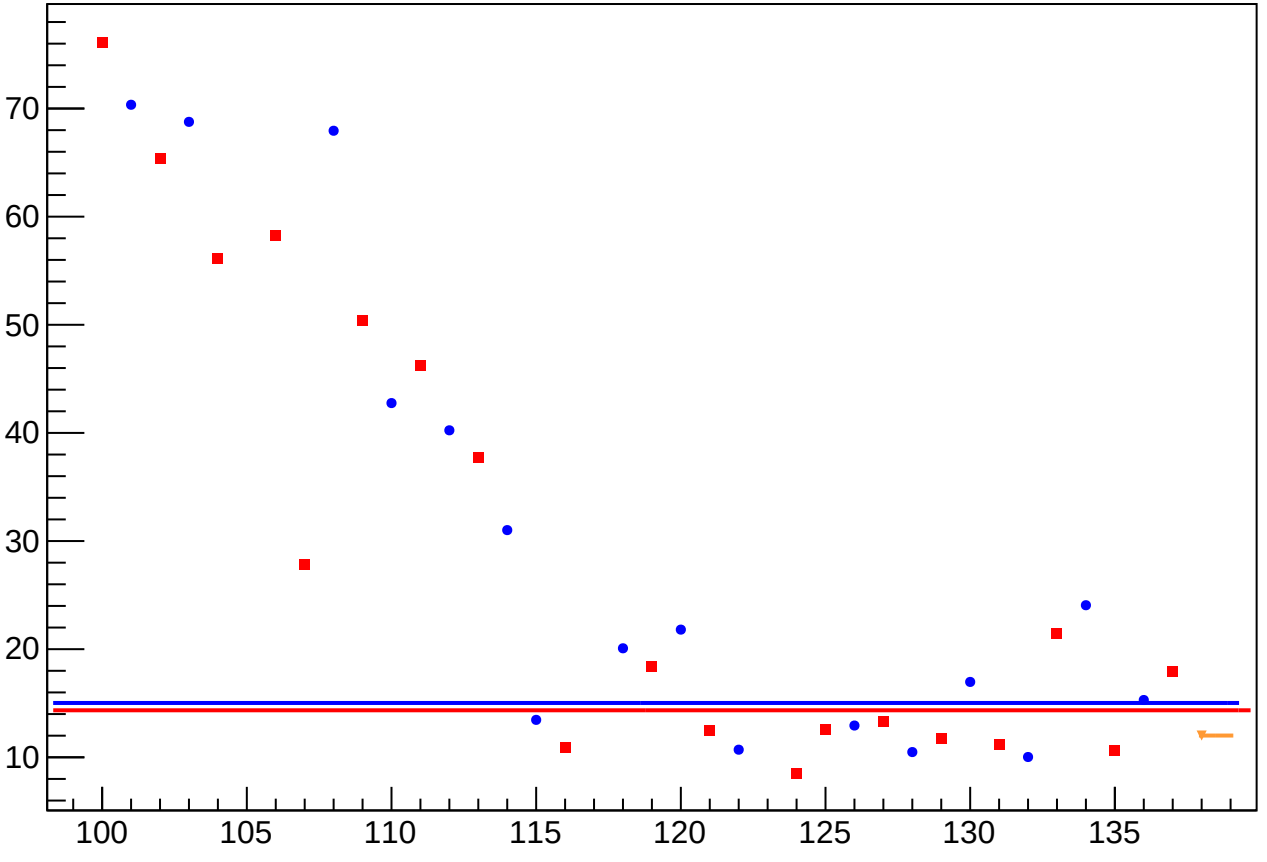
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.006 χ^2/NDF: 16.6/16

All: 0.002+/-0.004 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 15.026+/-0.005 χ^2/NDF: 3438260.9/15

Left Out: 12.012+/-0.010 χ^2/NDF:0.0/0

Right Out: 14.348+/-0.005 χ^2/NDF: 3629014.9/18

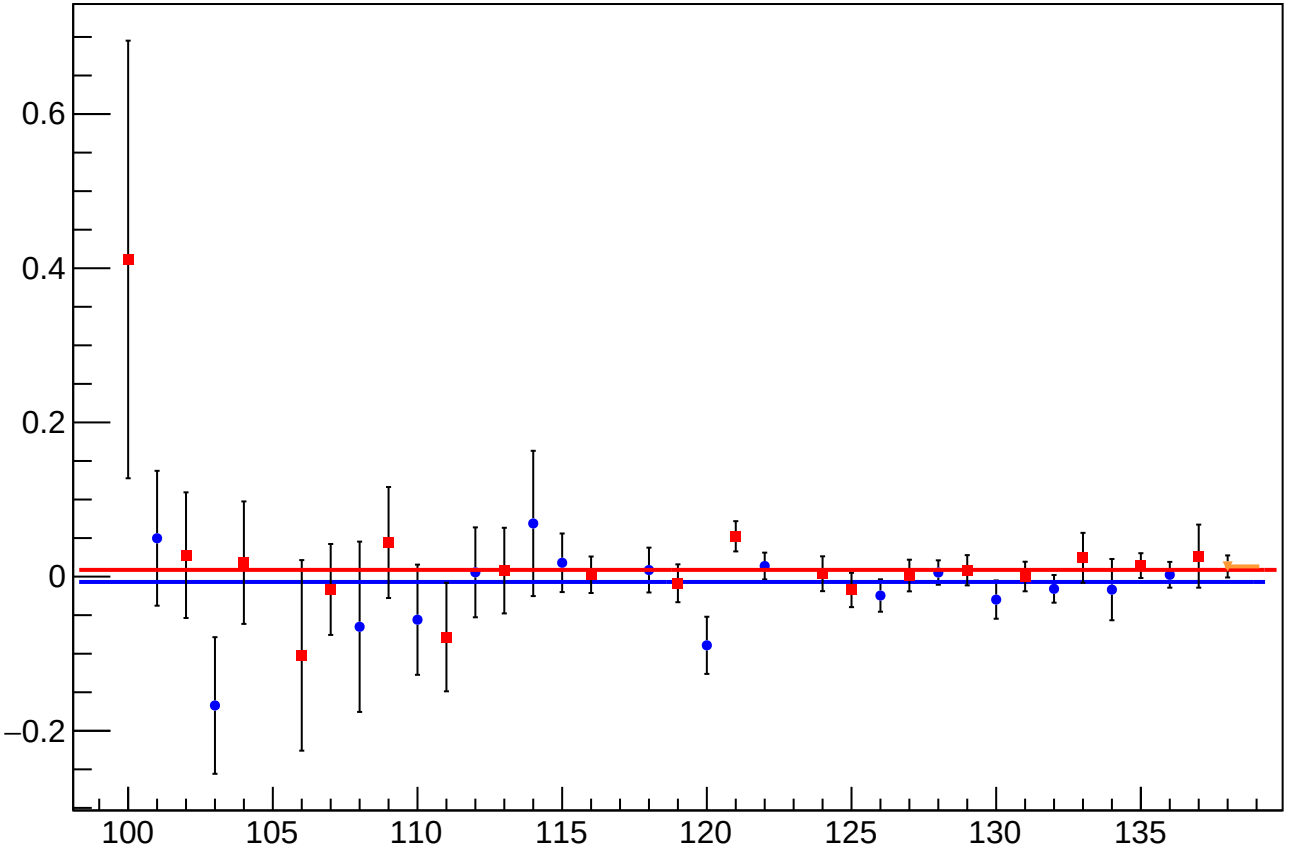
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.480+/-0.004 χ^2/NDF: 3510855.5/16

All: 14.417+/-0.003 χ^2/NDF: 7140313.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007+/-0.007 χ^2/NDF: 14.9/15

Left Out: 0.013+/-0.014 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.006 χ^2/NDF: 12.6/18

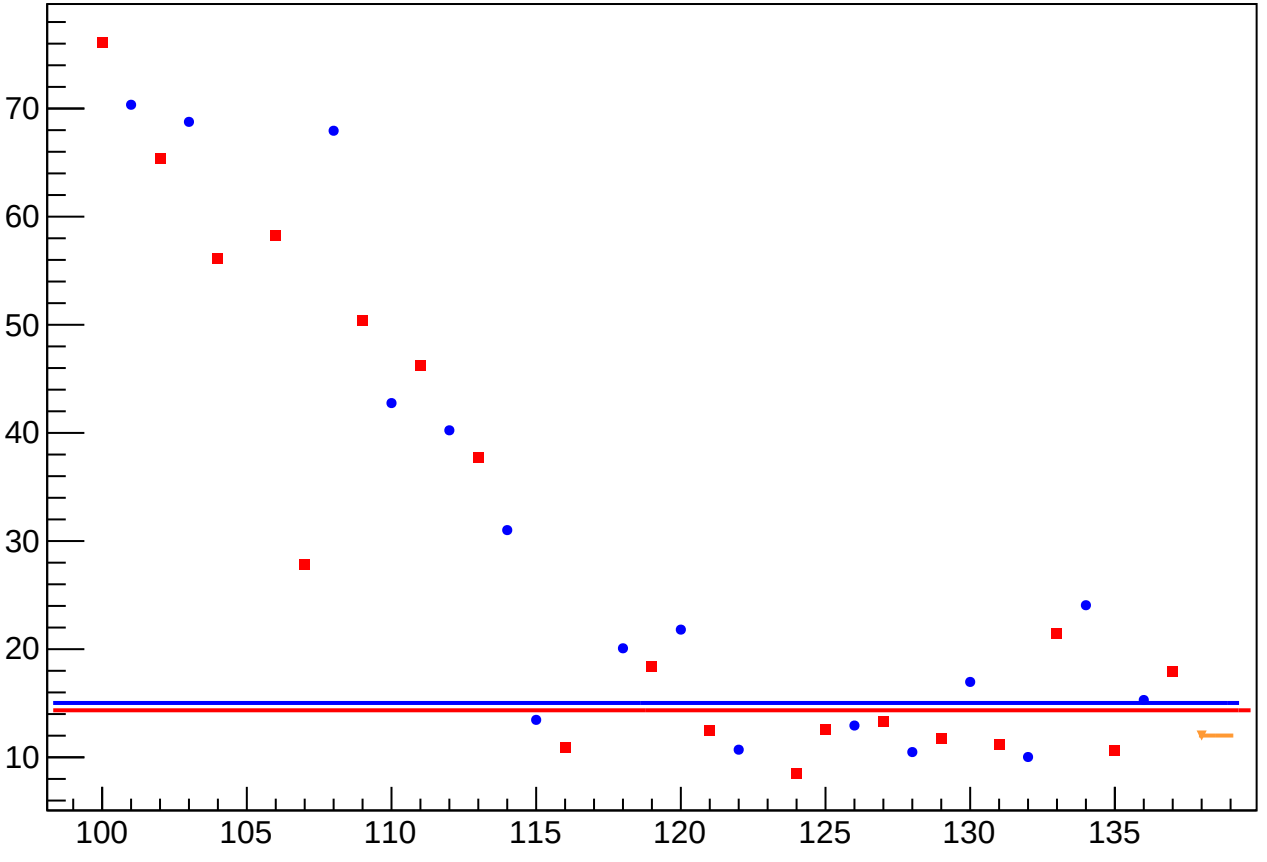
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.006 χ^2/NDF: 16.6/16

All: 0.002+/-0.004 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.026+/-0.005 χ^2/NDF: 3438260.9/15

Left Out: 12.012+/-0.010 χ^2/NDF:0.0/0

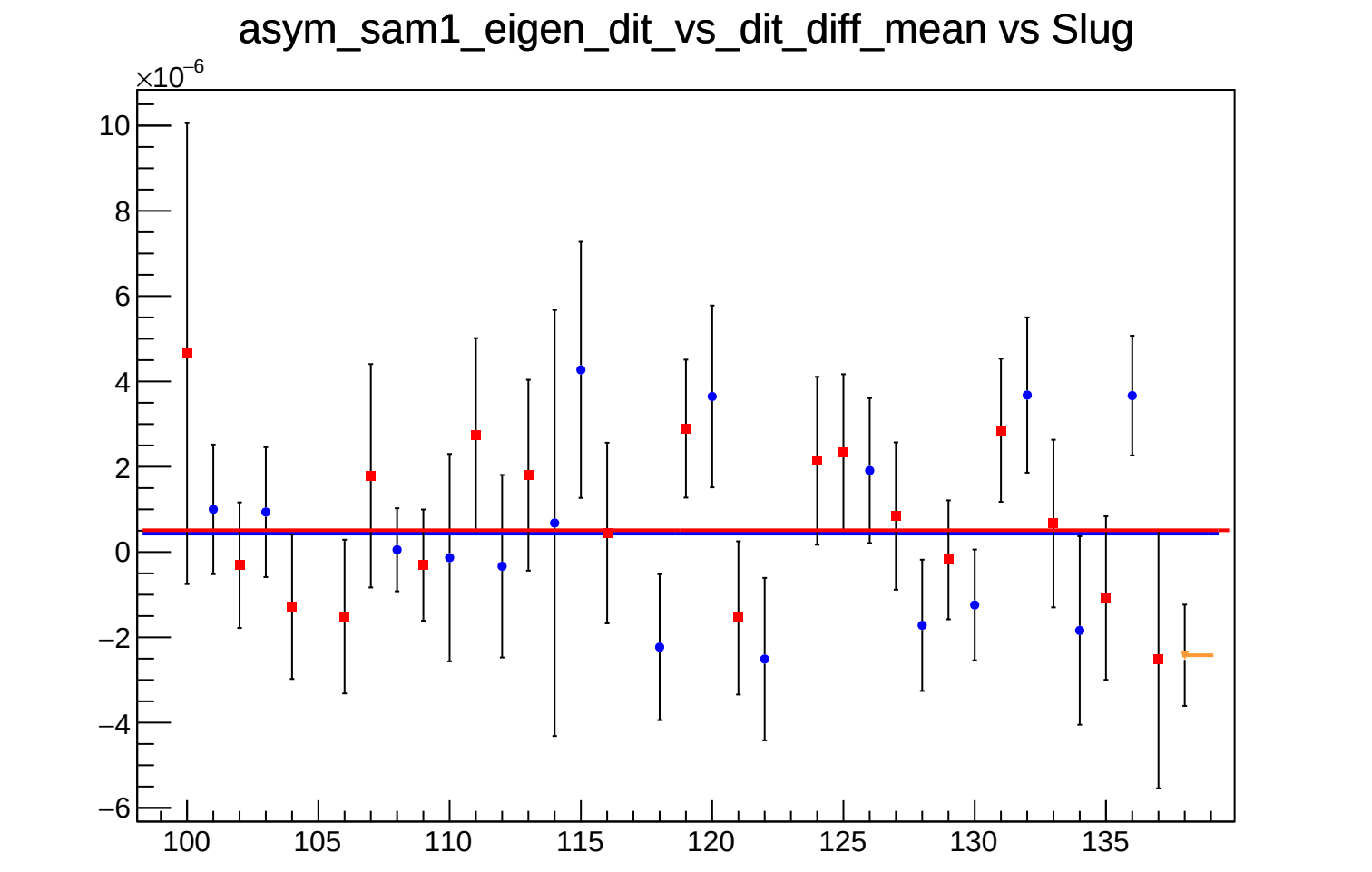
Right Out: 14.348+/-0.005 χ^2/NDF: 3629014.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.480+/-0.004 χ^2/NDF: 3510855.5/16

All: 14.417+/-0.003 χ^2/NDF: 7140313.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

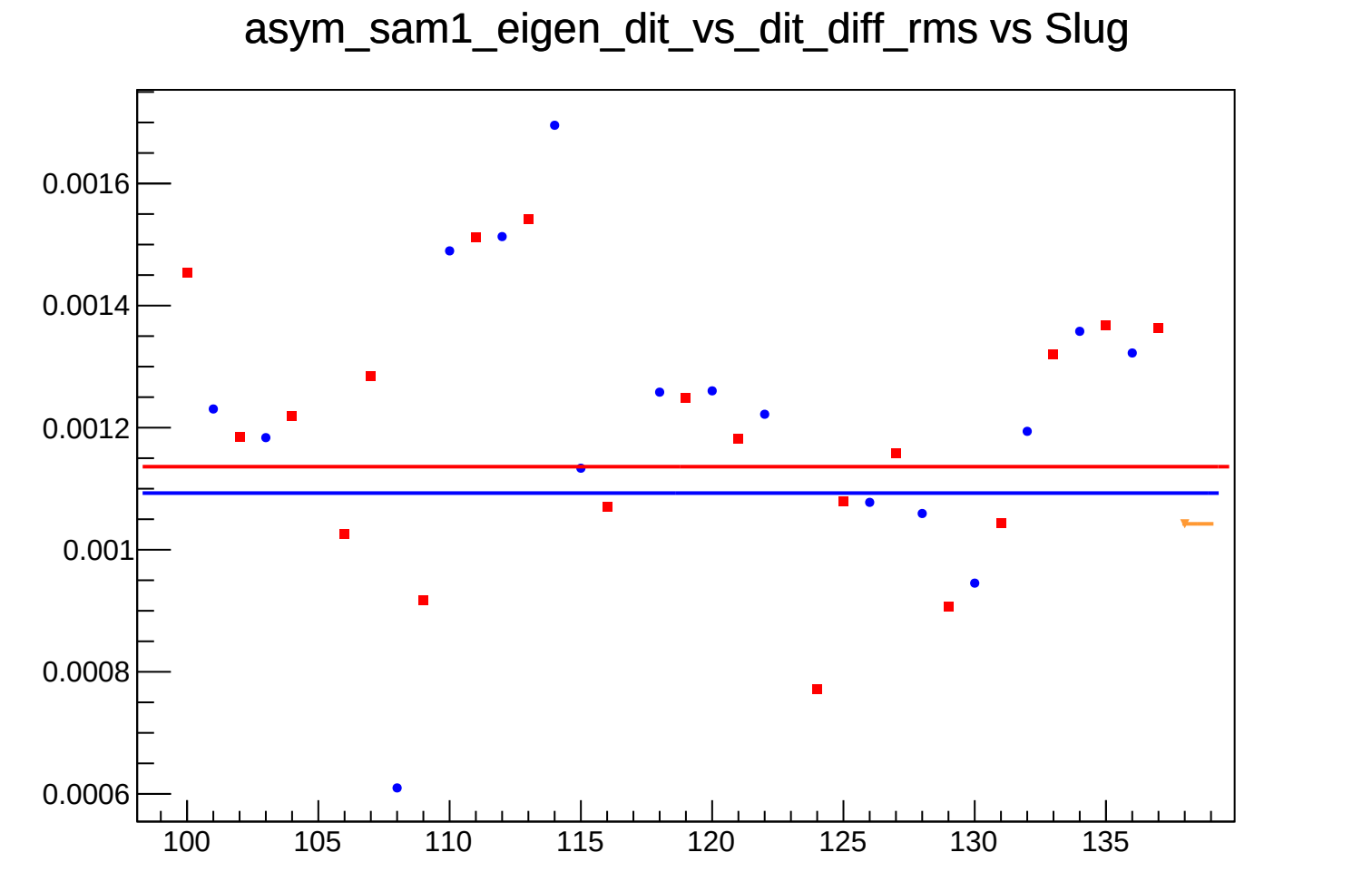
Right Out: 0.000+/-0.000 χ^2/NDF: 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 28.4/16

All: 0.000+/-0.000 χ^2/NDF: 43.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 831840.7/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF: 407257.8/18

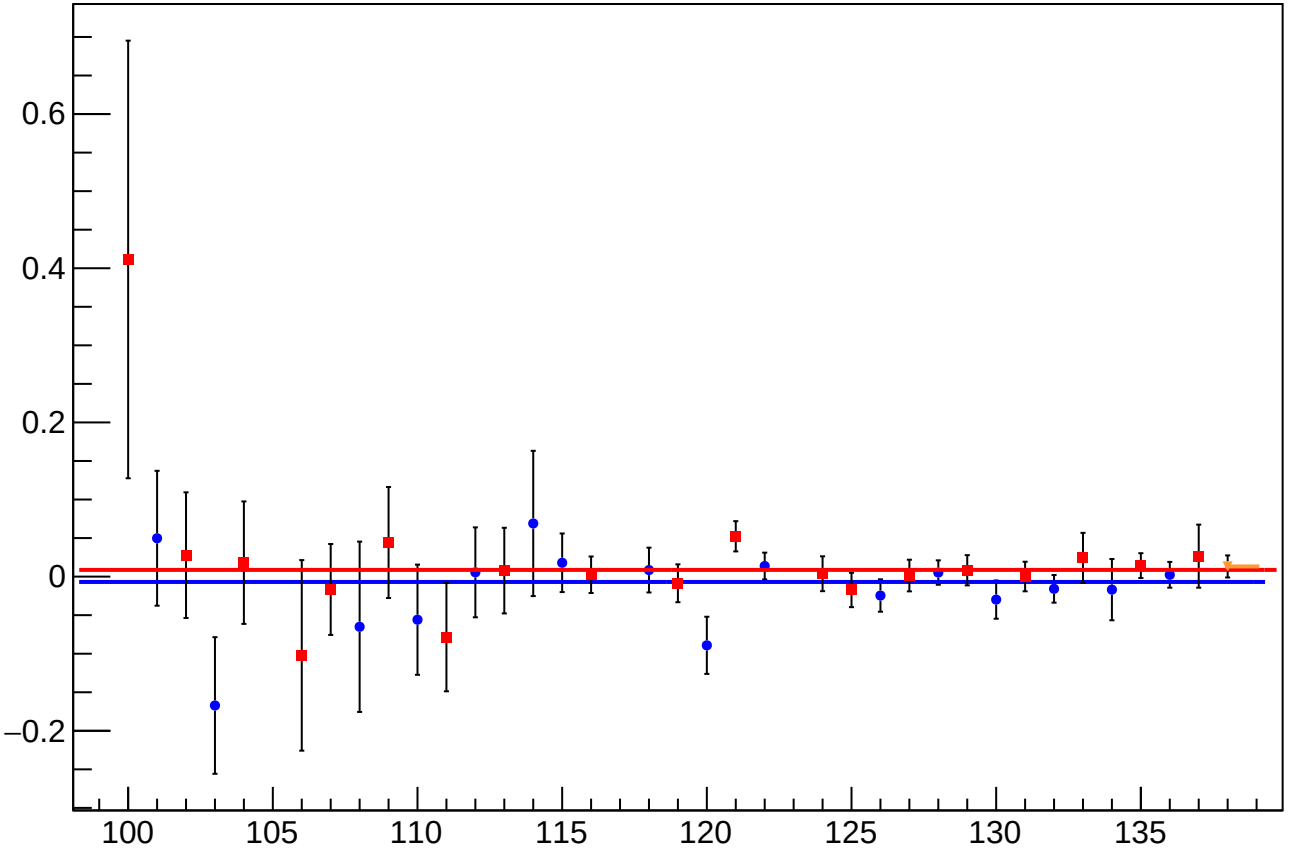
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 835038.7/16

All: 0.001+/-0.000 χ^2/NDF: 1256542.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.007+/-0.007 χ^2/NDF: 14.9/15

Left Out: 0.013+/-0.014 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.006 χ^2/NDF: 12.6/18

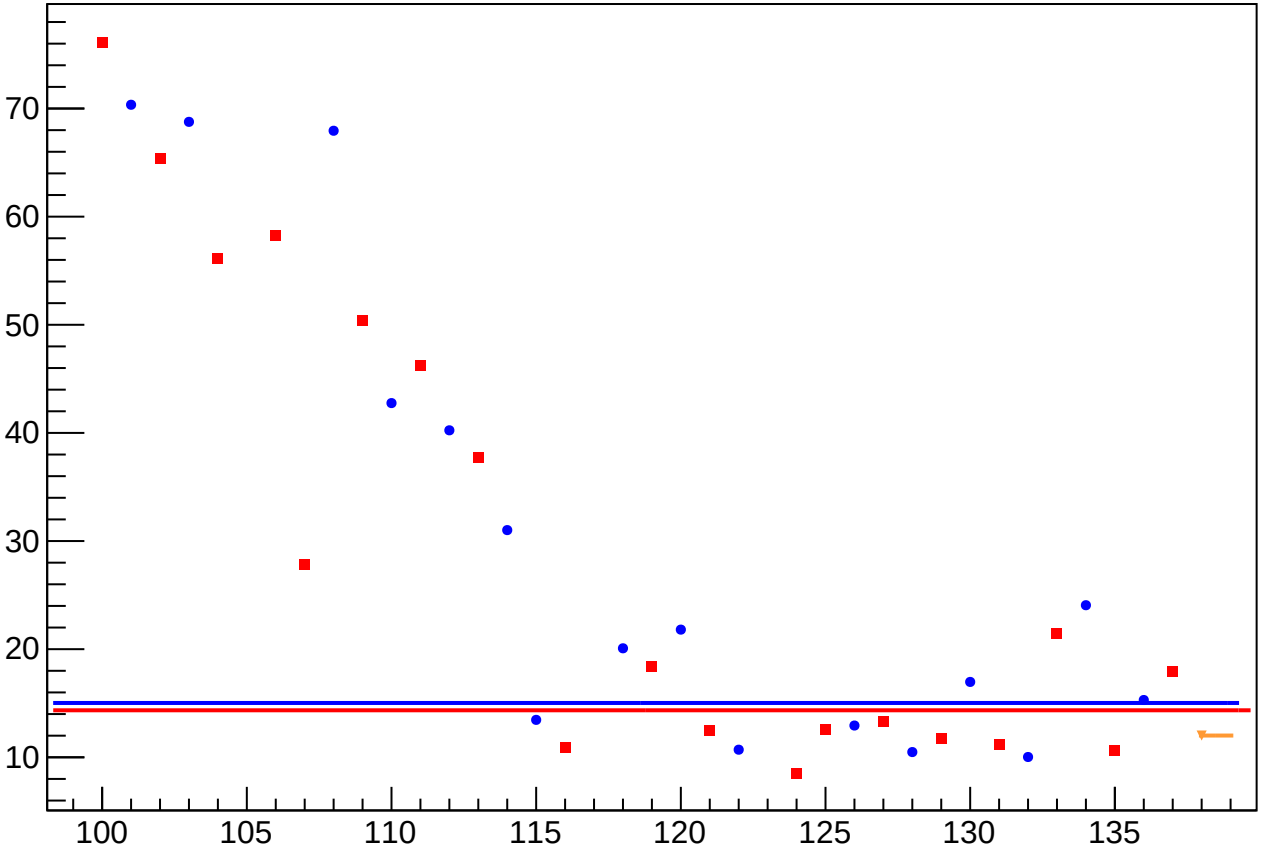
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.006 χ^2/NDF: 16.6/16

All: 0.002+/-0.004 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 15.025+/-0.005 χ^2/NDF: 3438279.3/15

Left Out: 12.012+/-0.010 χ^2/NDF:0.0/0

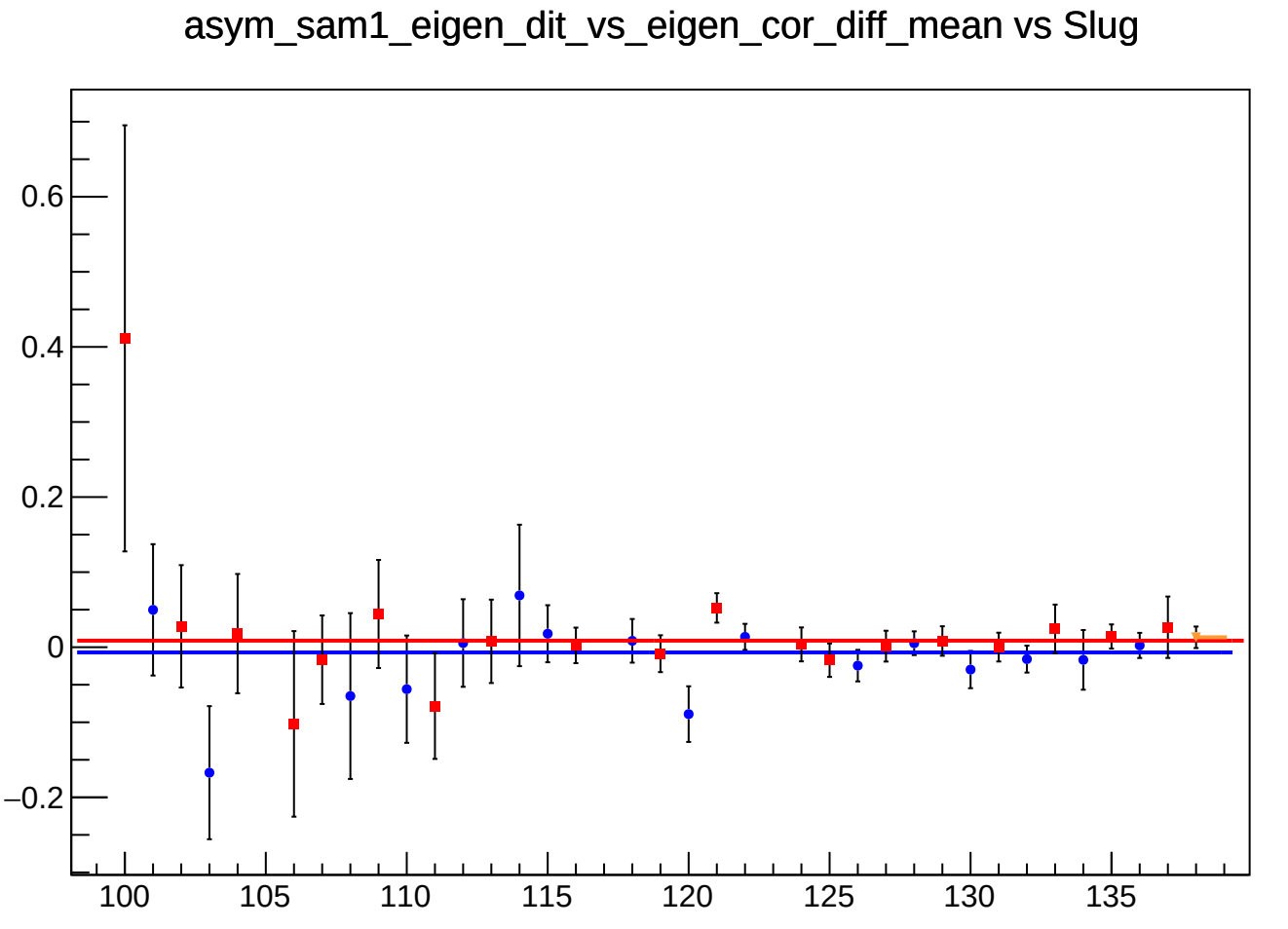
Right Out: 14.348+/-0.005 χ^2/NDF: 3629004.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.479+/-0.004 χ^2/NDF: 3510865.8/16

All: 14.417+/-0.003 χ^2/NDF: 7140313.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.007+/-0.007 χ^2/NDF: 14.9/15

Left Out: 0.013+/-0.014 χ^2/NDF:0.0/0

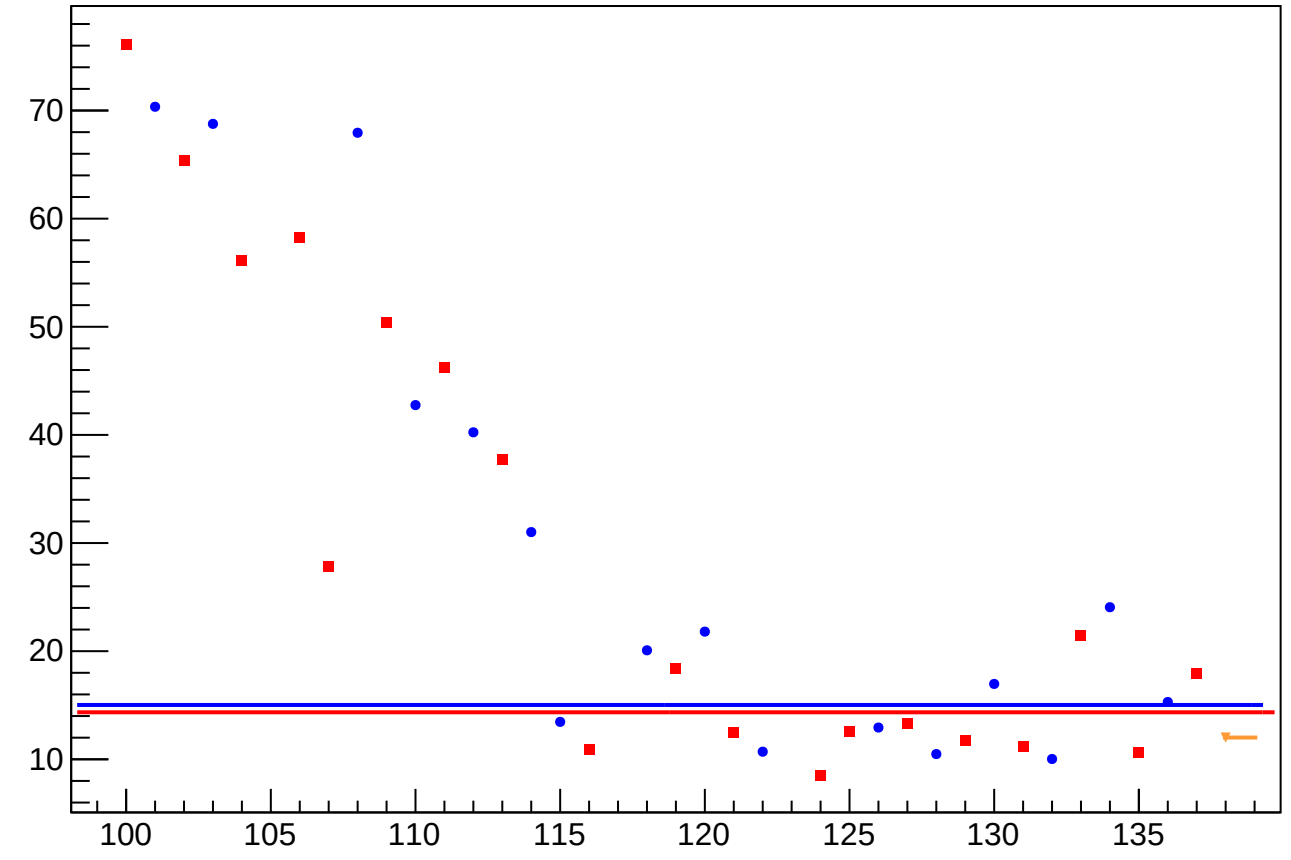
Right Out: 0.009+/-0.006 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.006 χ^2/NDF: 16.6/16

All: 0.002+/-0.004 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 15.025+/-0.005 χ^2/NDF: 3438279.3/15

Left Out: 12.012+/-0.010 χ^2/NDF:0.0/0

Right Out: 14.348+/-0.005 χ^2/NDF: 3629004.9/18

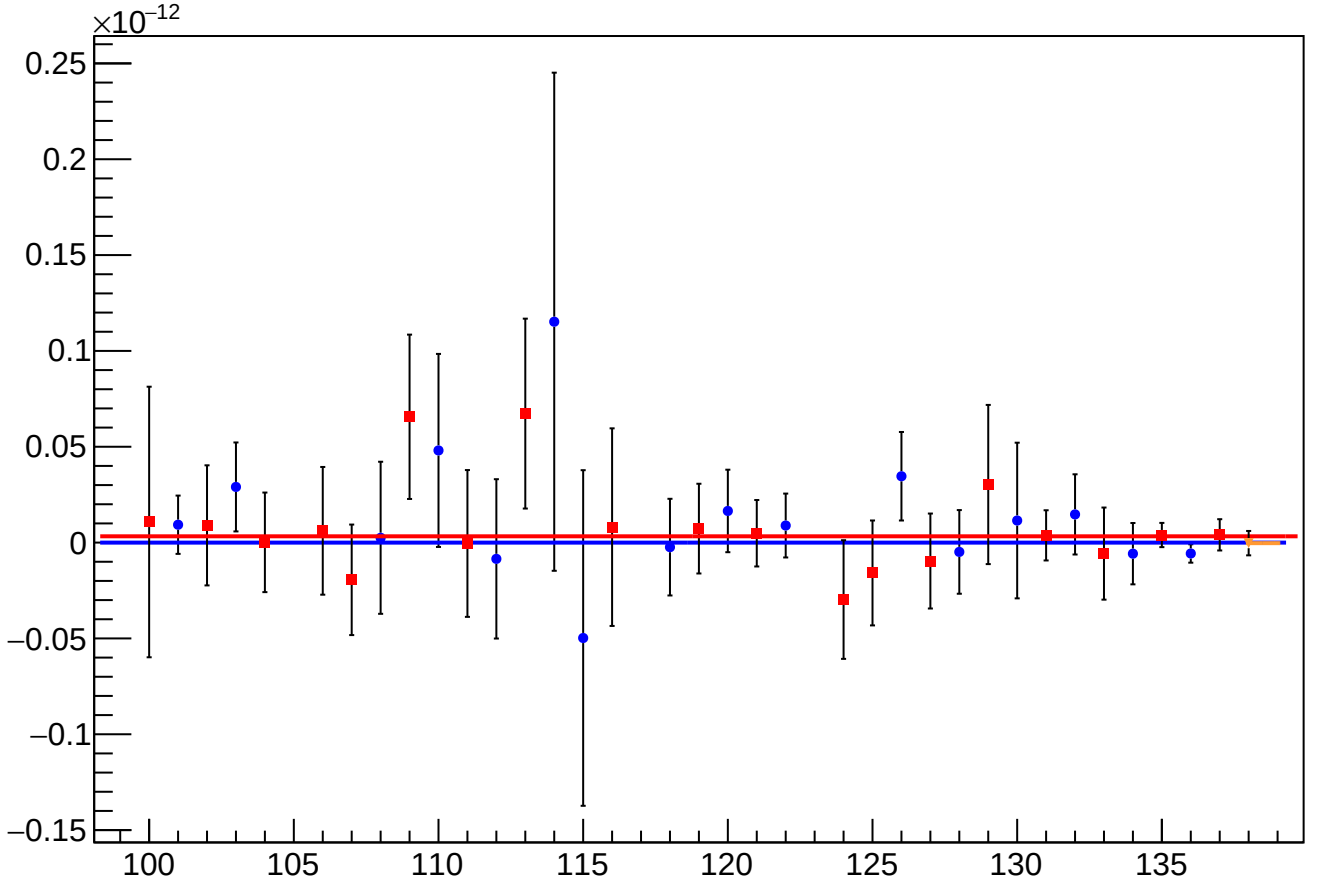
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.479+/-0.004 χ^2/NDF: 3510865.8/16

All: 14.417+/-0.003 χ^2/NDF: 7140313.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 9.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 7.0/18

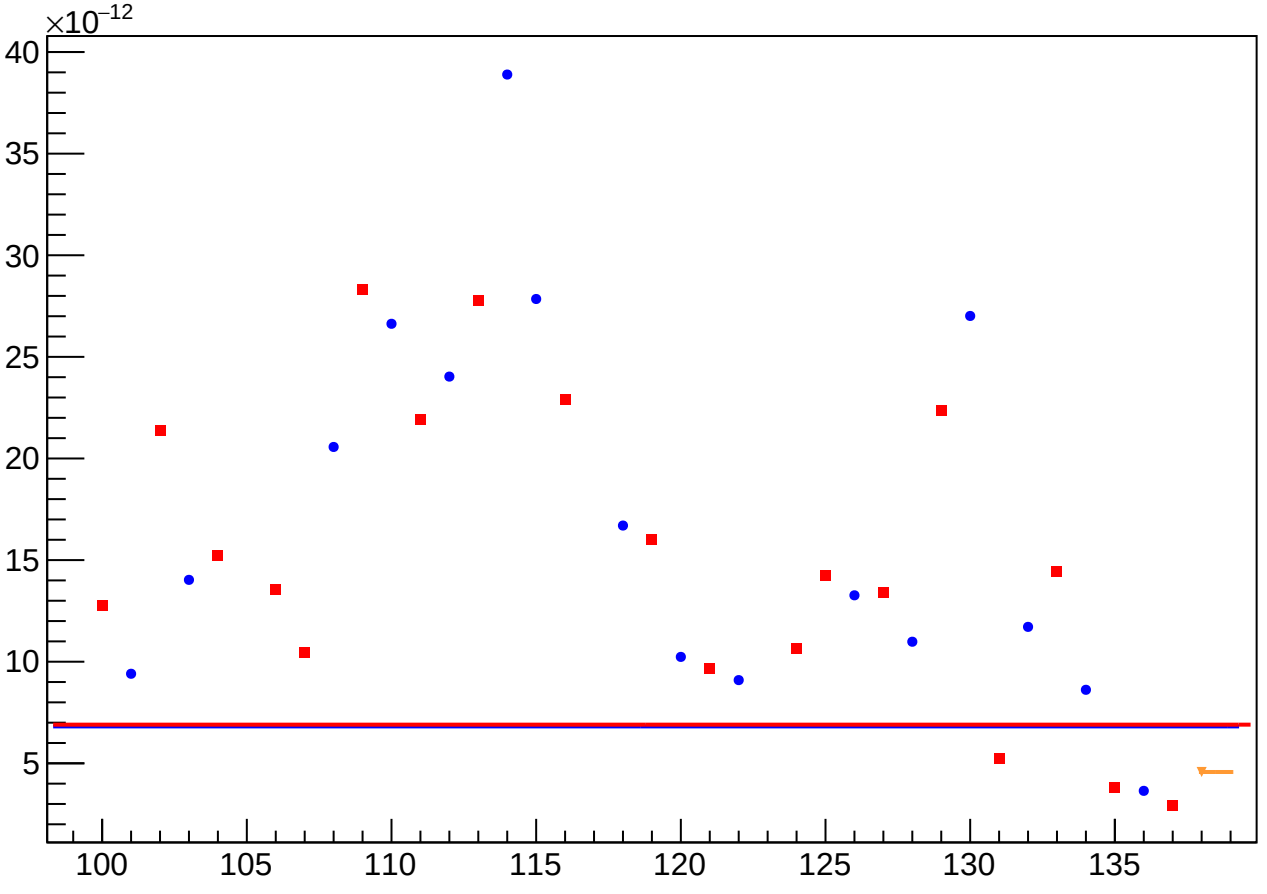
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 9.3/16

All: 0.000+/-0.000 χ^2/NDF: 16.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3511411.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4241227.1/18

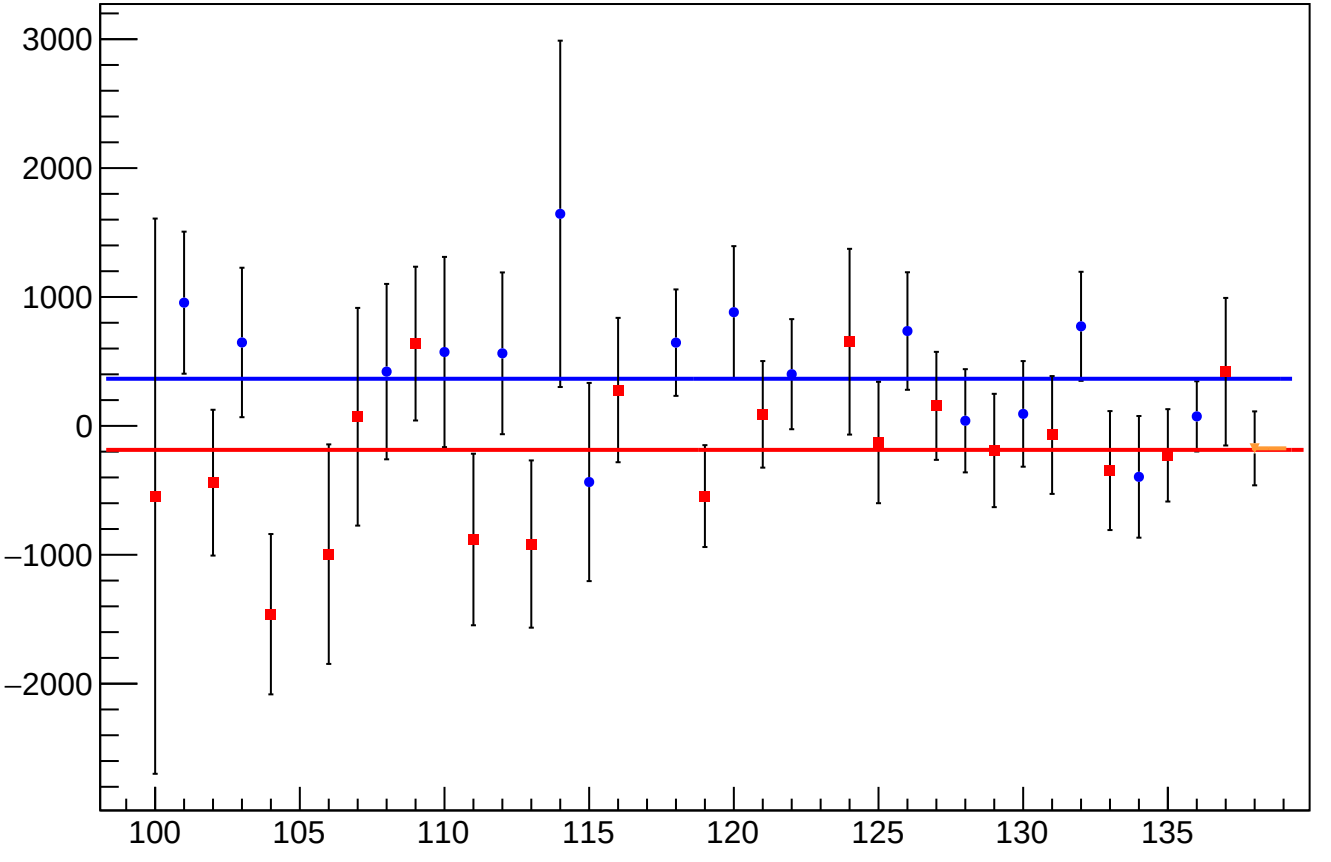
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3695053.8/16

All: 0.000+/-0.000 χ^2/NDF: 7970923.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 365.540+/-118.873 χ^2/NDF: 11.5/15

Left Out: -174.268+/-286.863 χ^2/NDF:0.0/0

Right Out: -186.141+/-120.188 χ^2/NDF: 15.0/18

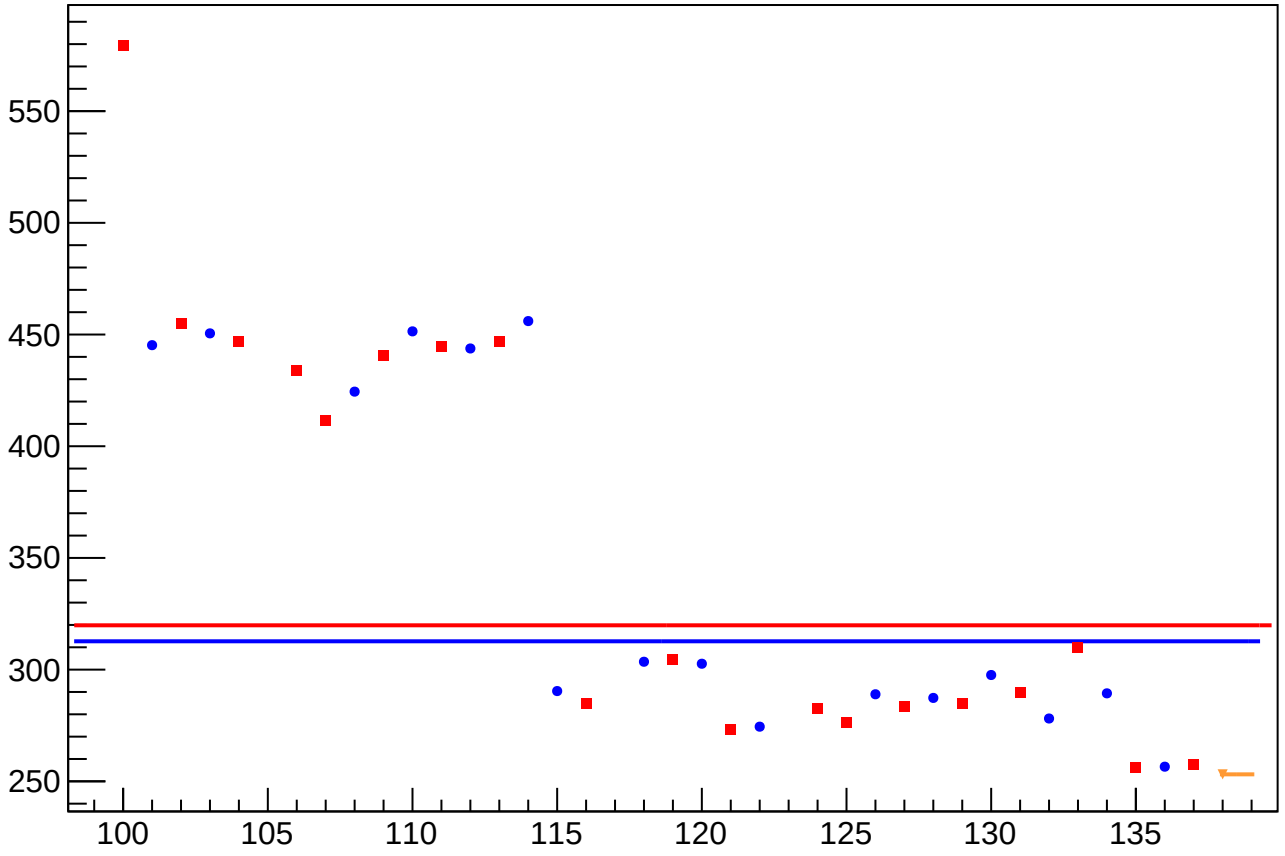
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 286.430+/-109.817 χ^2/NDF: 14.5/16

All: 71.408+/-81.071 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 312.683+/-0.084 χ^2/NDF: 602207.7/15

Left Out: 253.124+/-0.203 χ^2/NDF:0.0/0

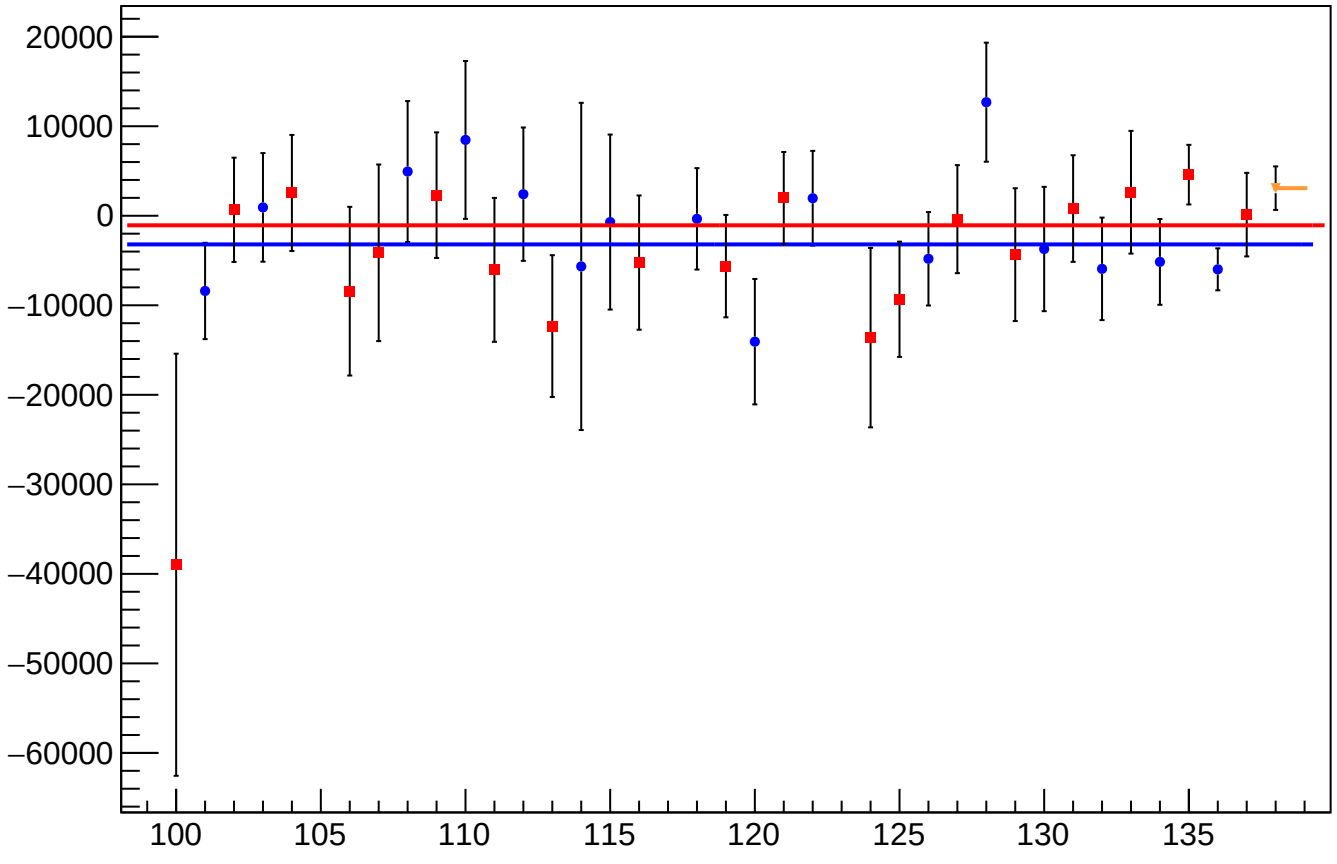
Right Out: 319.841+/-0.085 χ^2/NDF: 697878.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 303.954+/-0.078 χ^2/NDF: 675785.1/16

All: 311.183+/-0.057 χ^2/NDF: 1392706.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3198.742+/-1353.814 χ^2/NDF: 16.1/15

Left Out: 3083.162+/-2430.659 χ^2/NDF:0.0/0

Right Out: -1065.939+/-1443.326 χ^2/NDF: 14.4/18

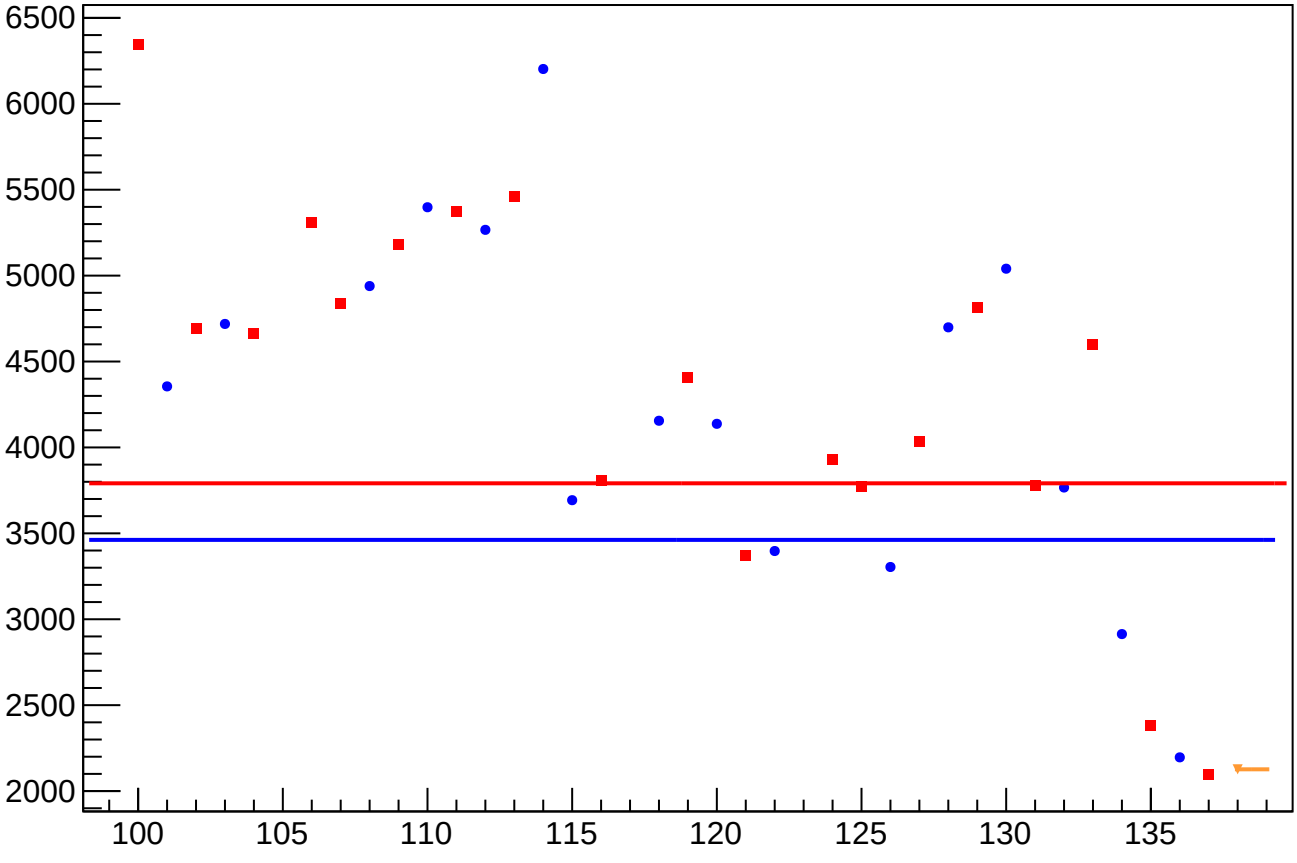
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1711.380+/-1182.733 χ^2/NDF: 21.2/16

All: -1452.084+/-914.816 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 3461.927+/-0.957 χ^2/NDF: 1309580.1/15

Left Out: 2126.604+/-1.719 χ^2/NDF:0.0/0

Right Out: 3791.207+/-1.021 χ^2/NDF: 1155755.9/18

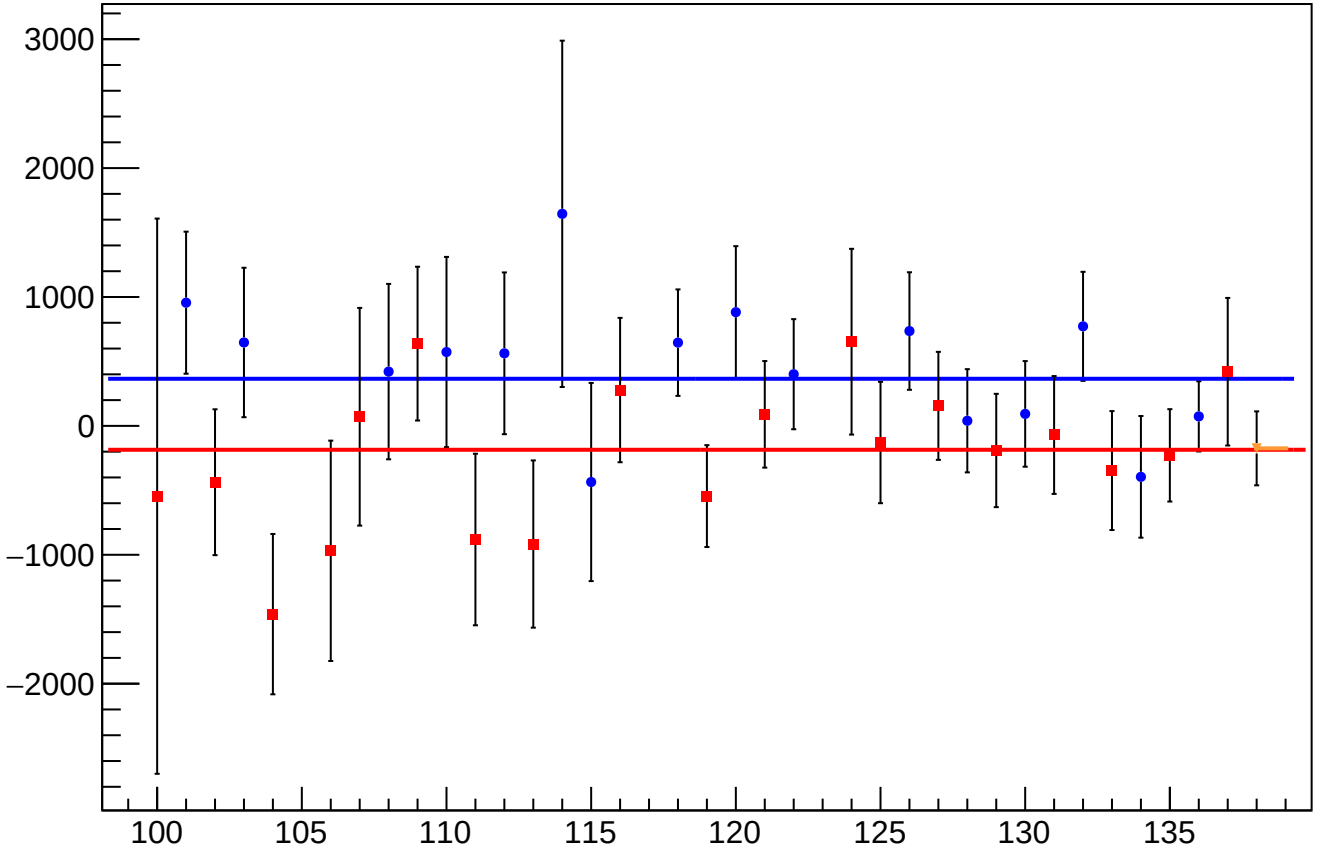
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3145.764+/-0.836 χ^2/NDF: 1770272.1/16

All: 3405.060+/-0.647 χ^2/NDF: 3165310.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 365.523+/-118.873 χ^2/NDF: 11.5/15

Left Out: -174.266+/-286.863 χ^2/NDF:0.0/0

Right Out: -185.331+/-120.199 χ^2/NDF: 14.9/18

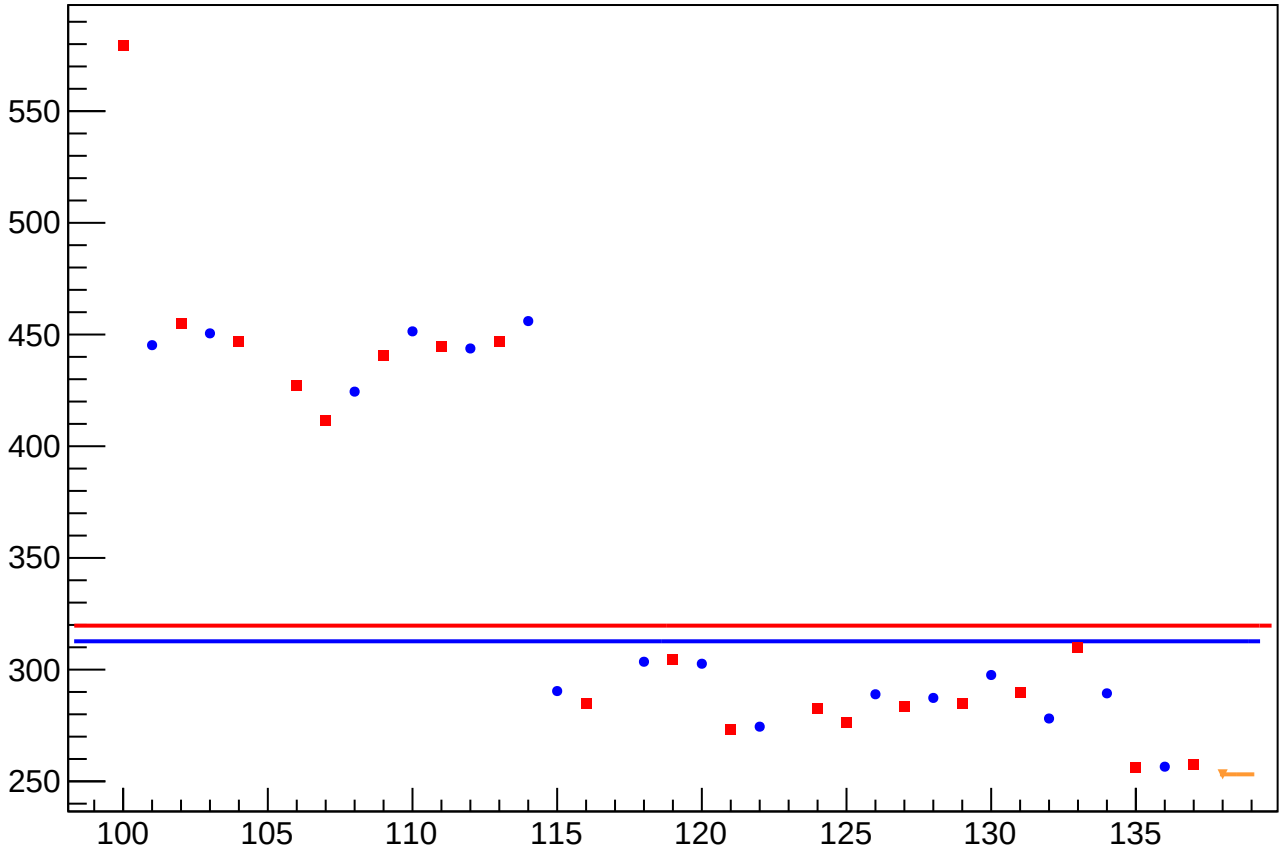
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 286.416+/-109.817 χ^2/NDF: 14.5/16

All: 71.791+/-81.075 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 312.683+/-0.084 χ^2/NDF: 602209.1/15

Left Out: 253.124+/-0.203 χ^2/NDF:0.0/0

Right Out: 319.693+/-0.085 χ^2/NDF: 693714.1/18

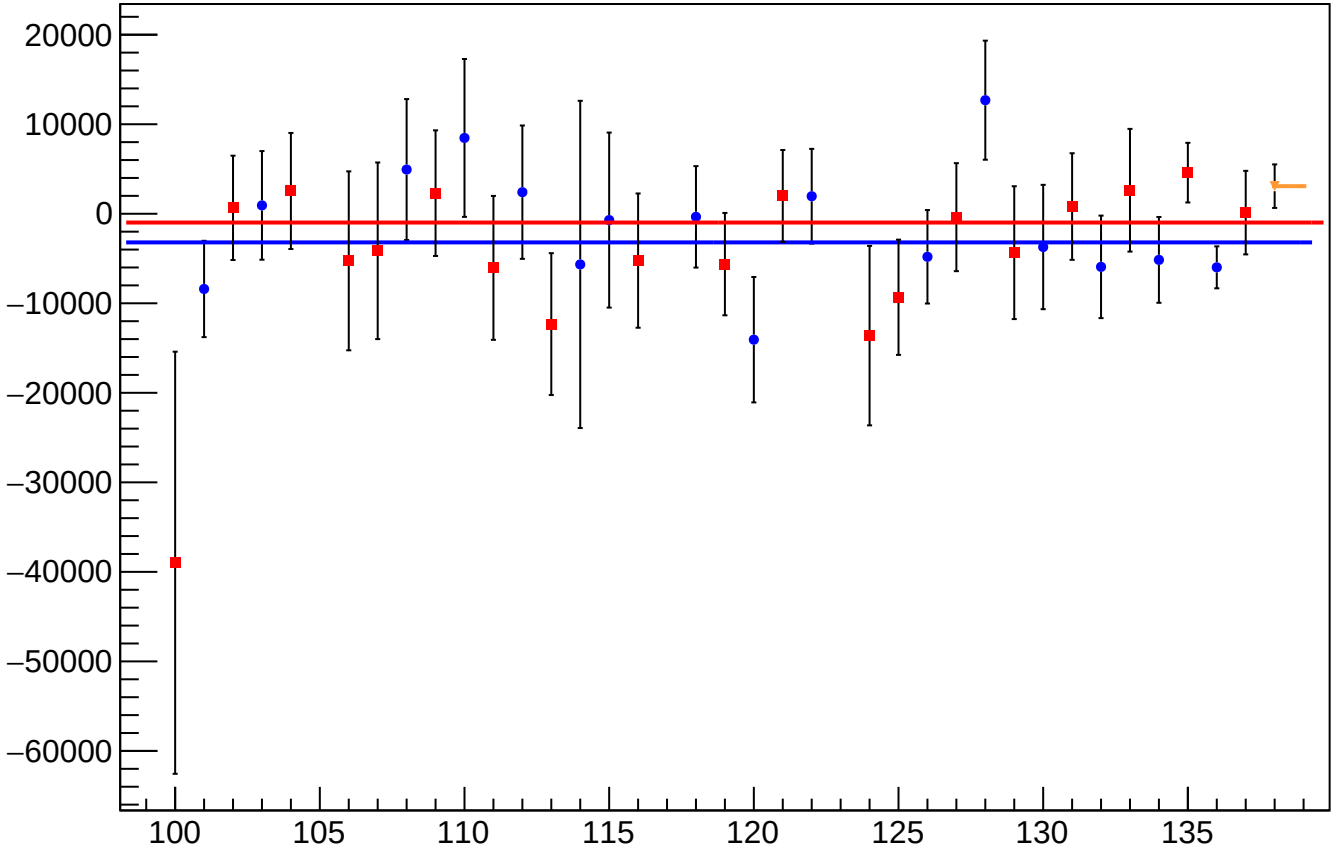
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 303.954+/-0.078 χ^2/NDF: 675786.6/16

All: 311.115+/-0.057 χ^2/NDF: 1388189.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -3198.673+/-1353.816 χ^2/NDF: 16.1/15

Left Out: 3083.119+/-2430.662 χ^2/NDF:0.0/0

Right Out: -980.937+/-1445.265 χ^2/NDF: 14.0/18

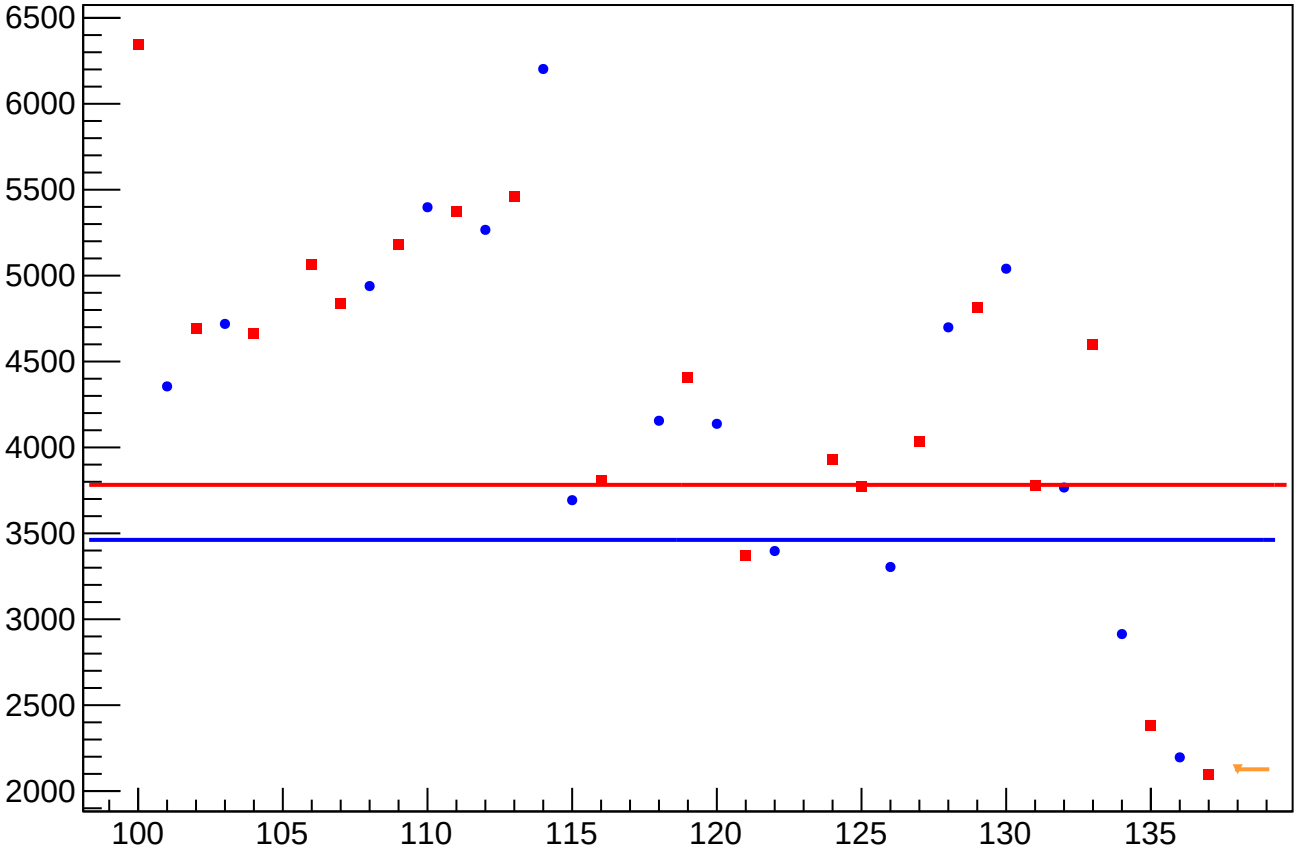
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1711.335+/-1182.735 χ^2/NDF: 21.2/16

All: -1418.380+/-915.310 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 3461.932+/-0.957 χ^2/NDF: 1309596.2/15

Left Out: 2126.606+/-1.719 χ^2/NDF:0.0/0

Right Out: 3782.176+/-1.022 χ^2/NDF: 1136342.8/18

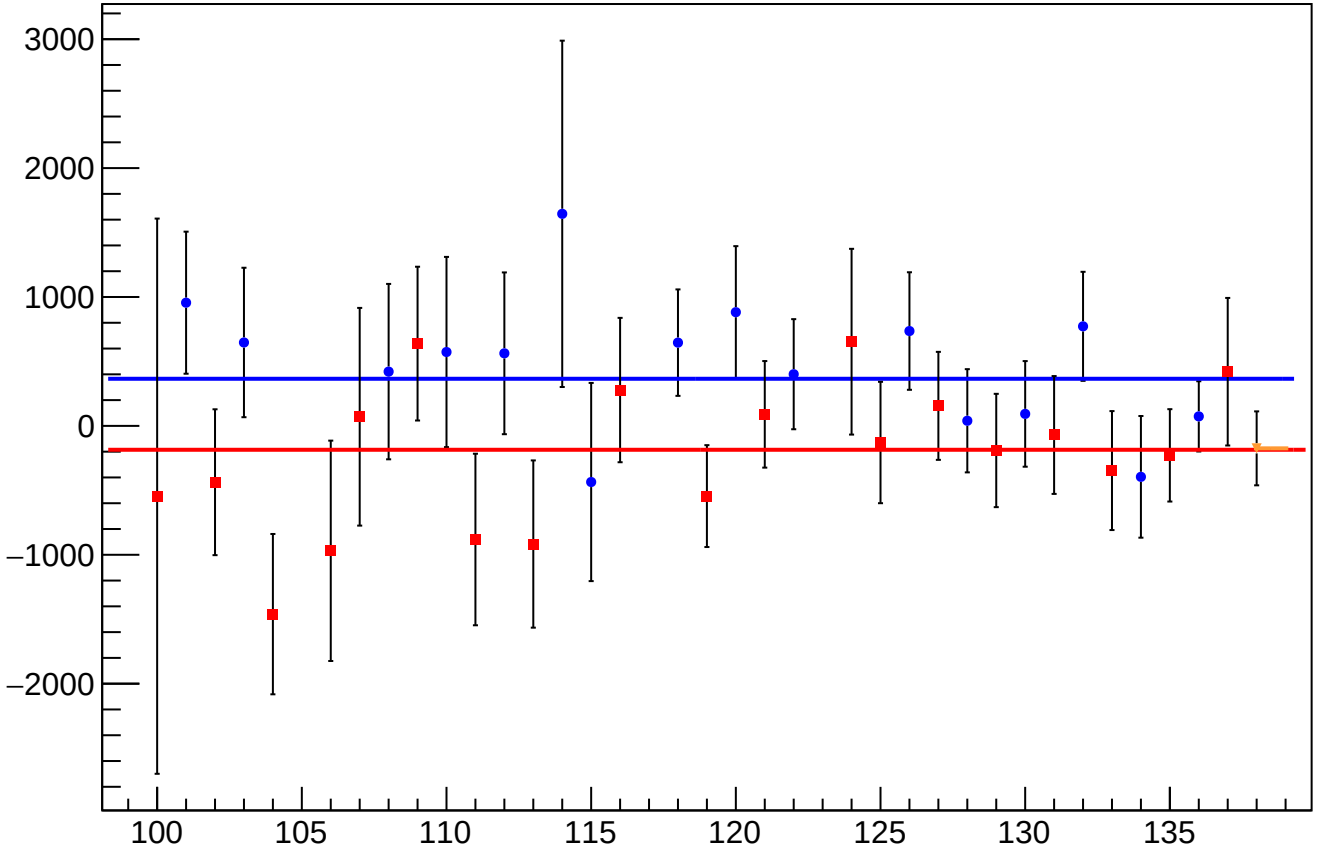
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3145.767+/-0.836 χ^2/NDF: 1770288.6/16

All: 3401.024+/-0.647 χ^2/NDF: 3138888.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam2_mean vs Slug



Right In: 365.523+/-118.873 χ^2/NDF: 11.5/15

Left Out: -174.266+/-286.863 χ^2/NDF:0.0/0

Right Out: -185.331+/-120.199 χ^2/NDF: 14.9/18

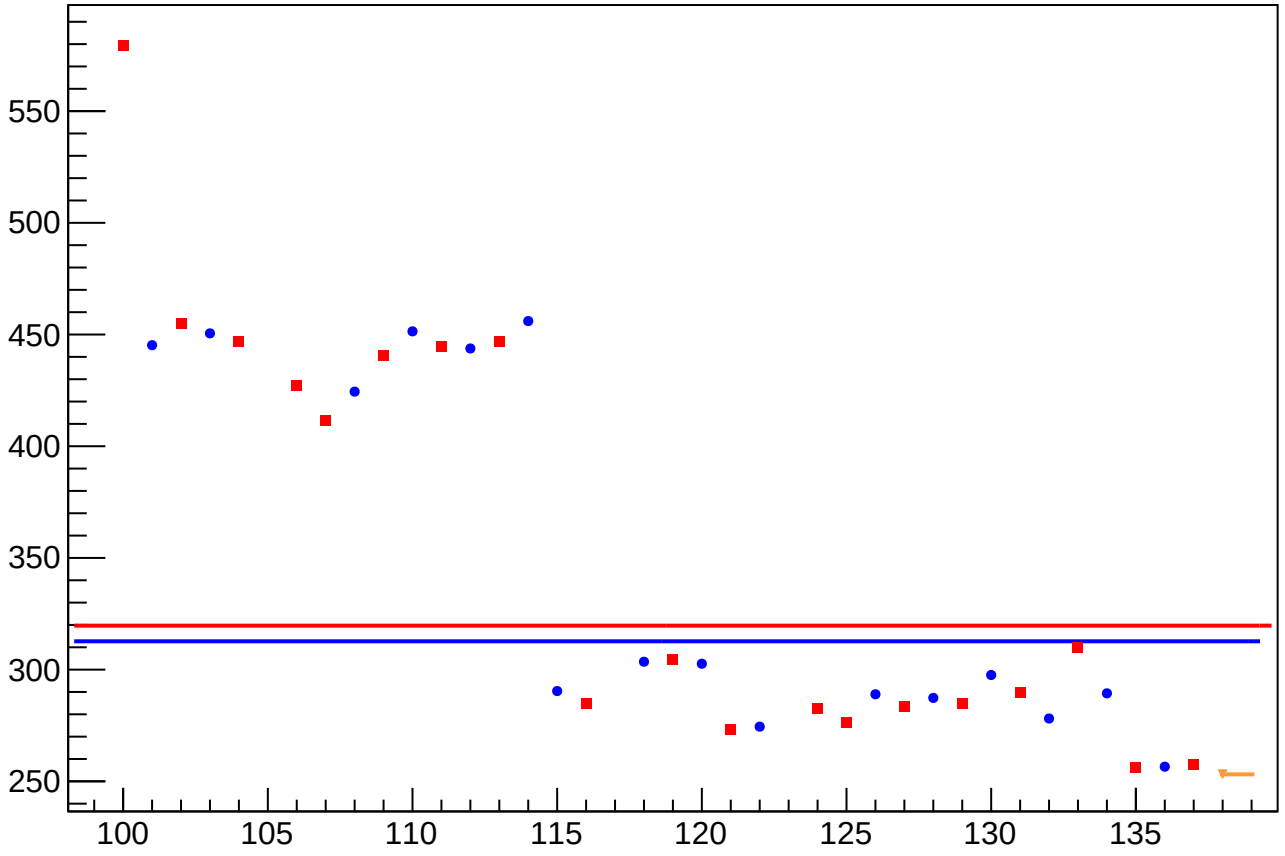
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 286.416+/-109.817 χ^2/NDF: 14.5/16

All: 71.791+/-81.075 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 312.683+/-0.084 χ^2/NDF: 602209.1/15

Left Out: 253.124+/-0.203 χ^2/NDF:0.0/0

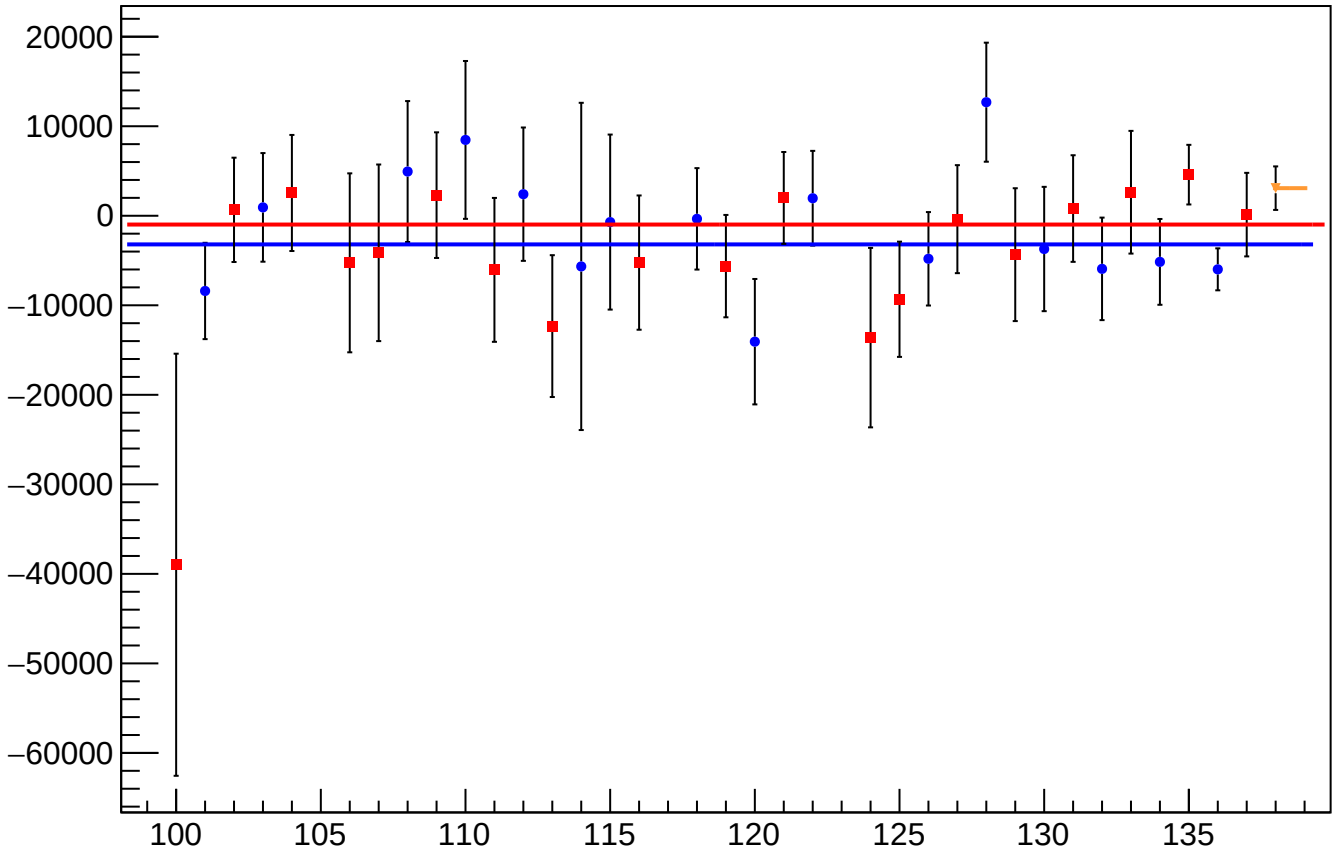
Right Out: 319.693+/-0.085 χ^2/NDF: 693714.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 303.954+/-0.078 χ^2/NDF: 675786.6/16

All: 311.115+/-0.057 χ^2/NDF: 1388189.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3198.673+/-1353.816 χ^2/NDF: 16.1/15

Left Out: 3083.119+/-2430.662 χ^2/NDF:0.0/0

Right Out: -980.937+/-1445.265 χ^2/NDF: 14.0/18

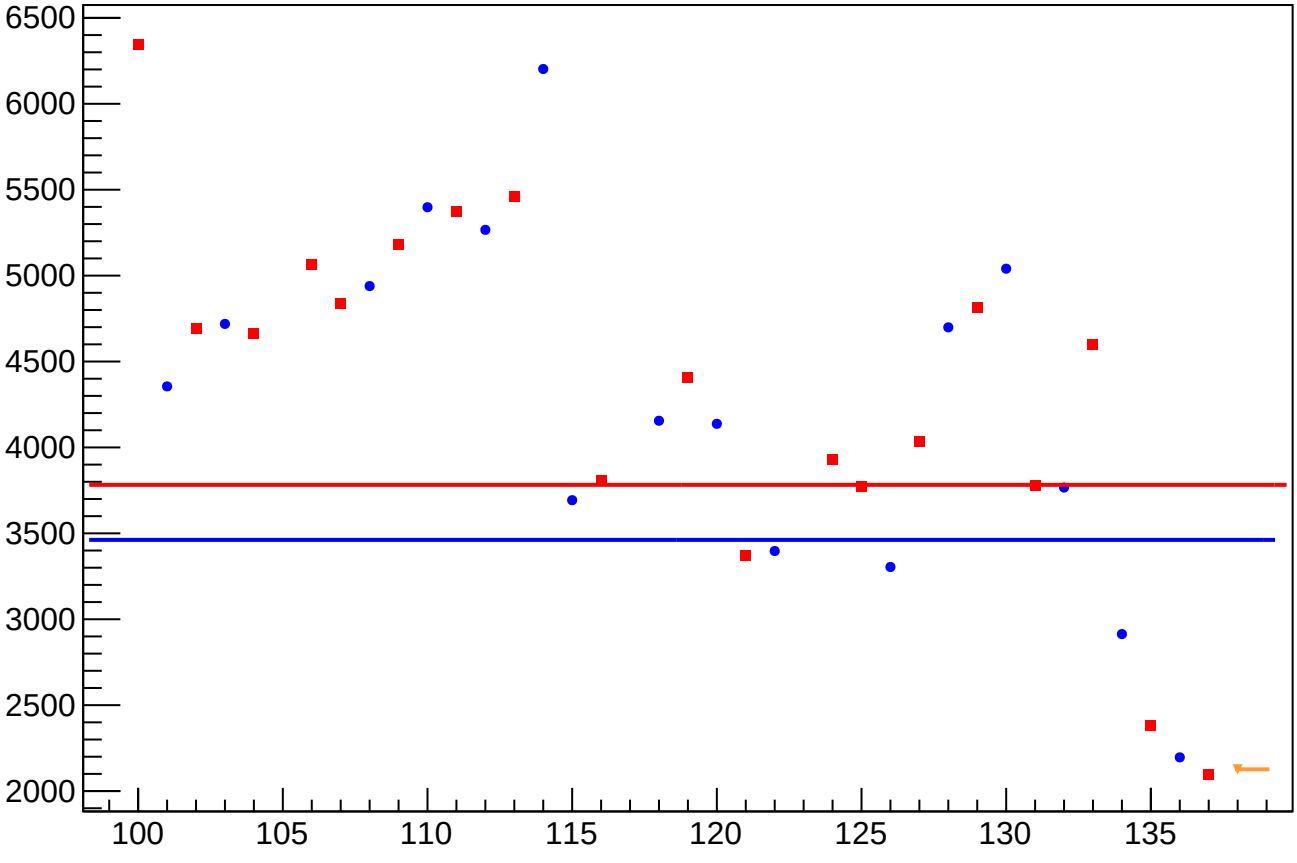
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1711.335+/-1182.735 χ^2/NDF: 21.2/16

All: -1418.380+/-915.310 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 3461.932+/-0.957 χ^2/NDF: 1309596.2/15

Left Out: 2126.606+/-1.719 χ^2/NDF:0.0/0

Right Out: 3782.176+/-1.022 χ^2/NDF: 1136342.8/18

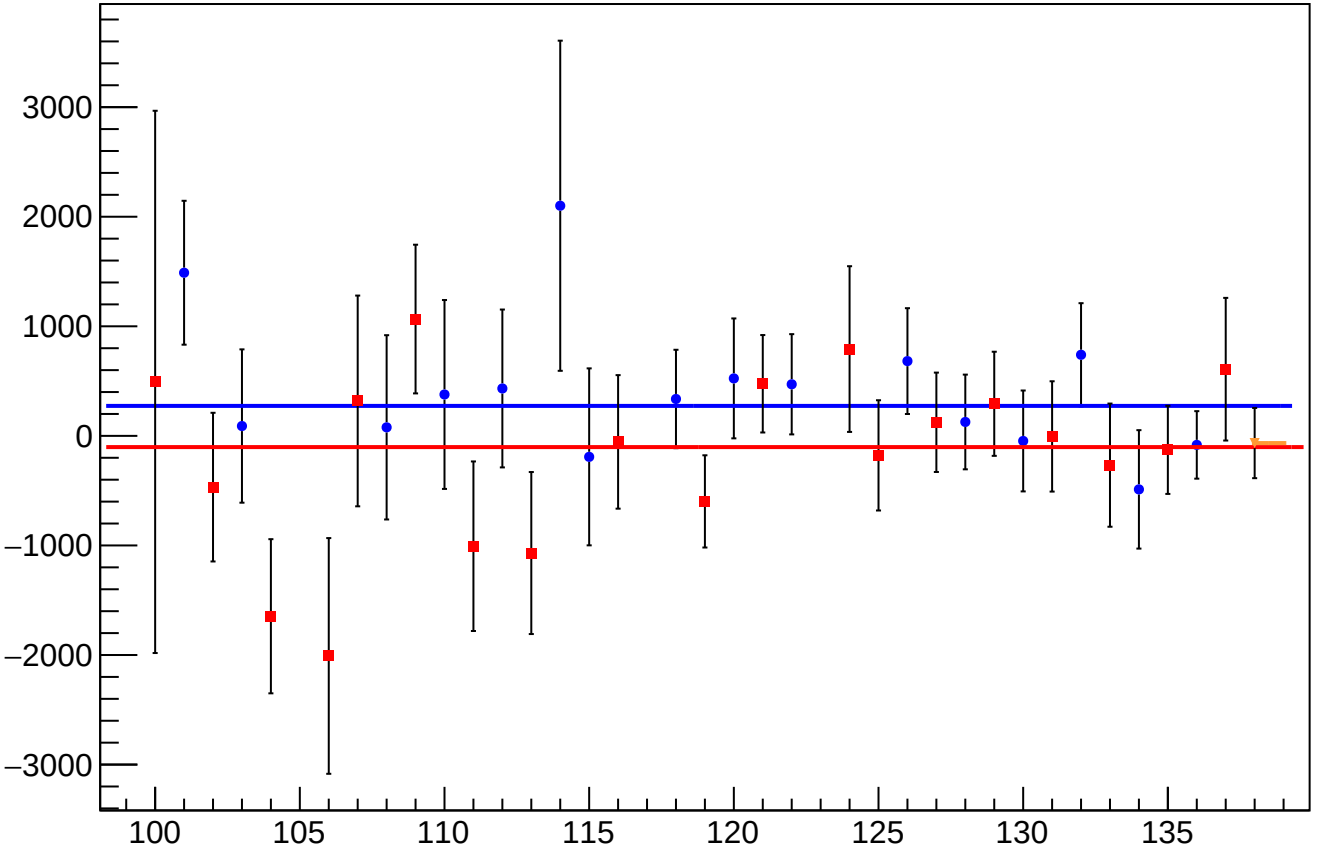
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3145.767+/-0.836 χ^2/NDF: 1770288.6/16

All: 3401.024+/-0.647 χ^2/NDF: 3138888.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam2_mean vs Slug



Right In: 273.578+/-132.537 χ^2/NDF: 11.4/15

Left Out: -65.642+/-320.433 χ^2/NDF:0.0/0

Right Out: -102.369+/-133.606 χ^2/NDF: 21.3/18

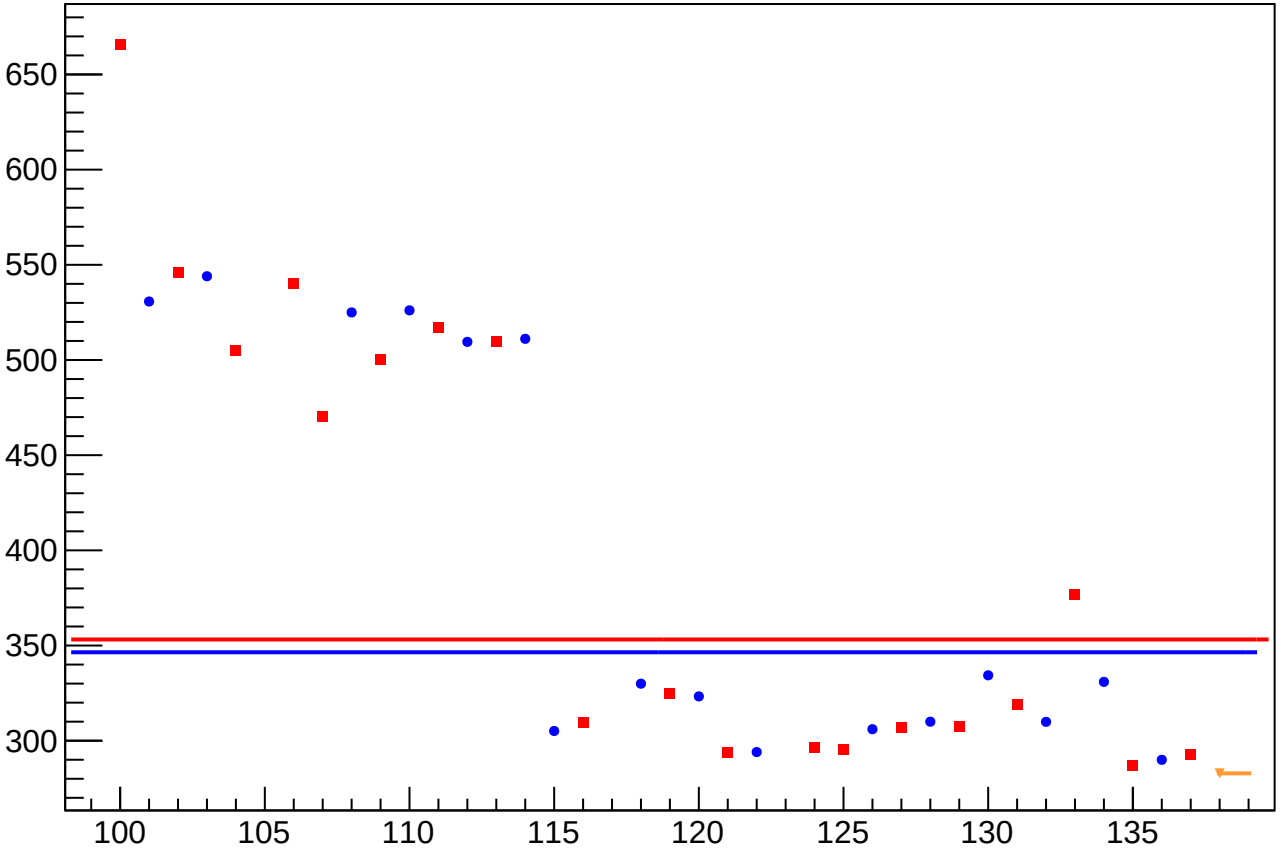
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 224.022+/-122.474 χ^2/NDF: 12.4/16

All: 74.988+/-90.282 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 346.455+/-0.094 χ^2/NDF: 768763.1/15

Left Out: 282.843+/-0.227 χ^2/NDF:0.0/0

Right Out: 353.178+/-0.094 χ^2/NDF: 866364.3/18

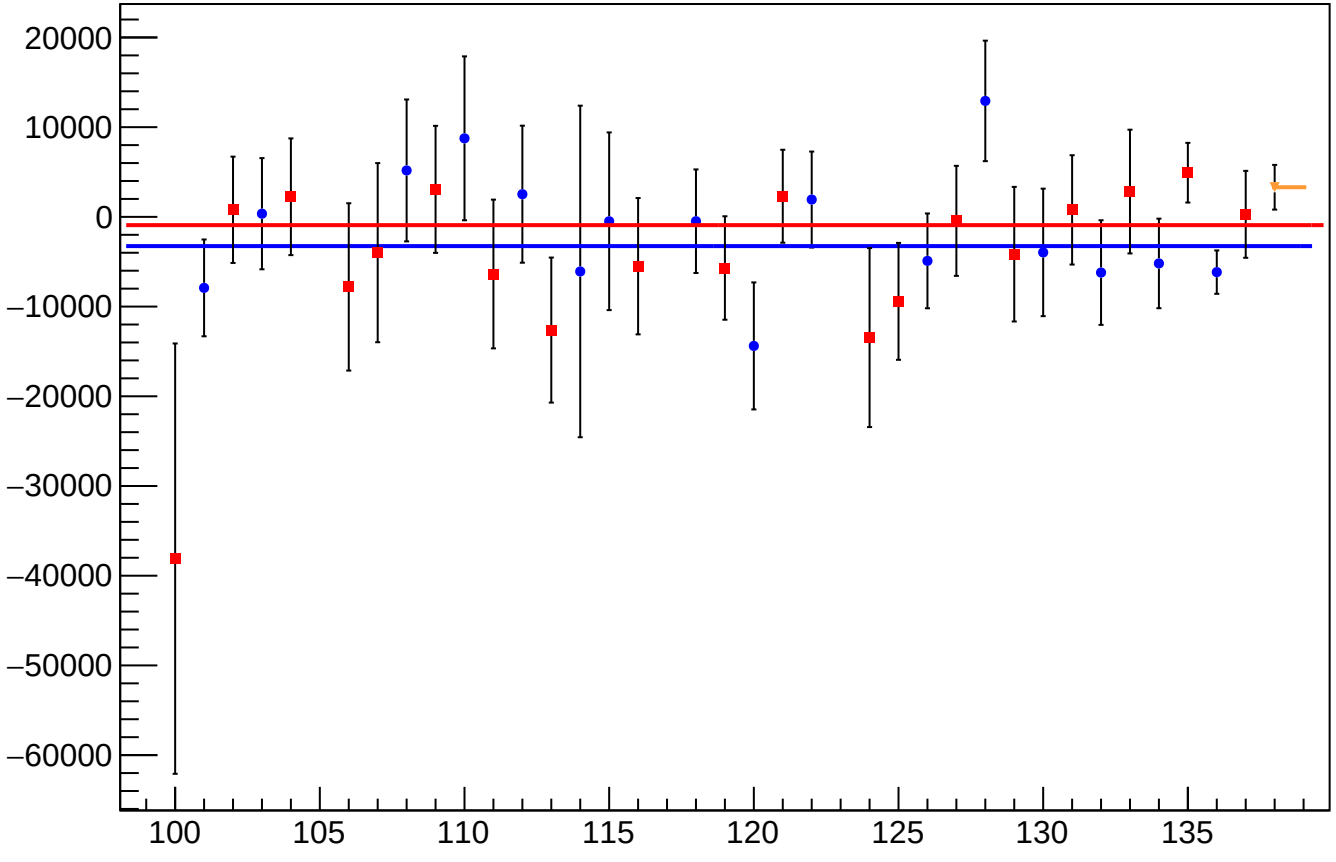
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 337.162+/-0.087 χ^2/NDF: 836067.6/16

All: 344.475+/-0.064 χ^2/NDF: 1718048.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -3258.837+/-1384.139 χ^2/NDF: 16.0/15

Left Out: 3302.877+/-2492.761 χ^2/NDF:0.0/0

Right Out: -921.196+/-1460.727 χ^2/NDF: 14.6/18

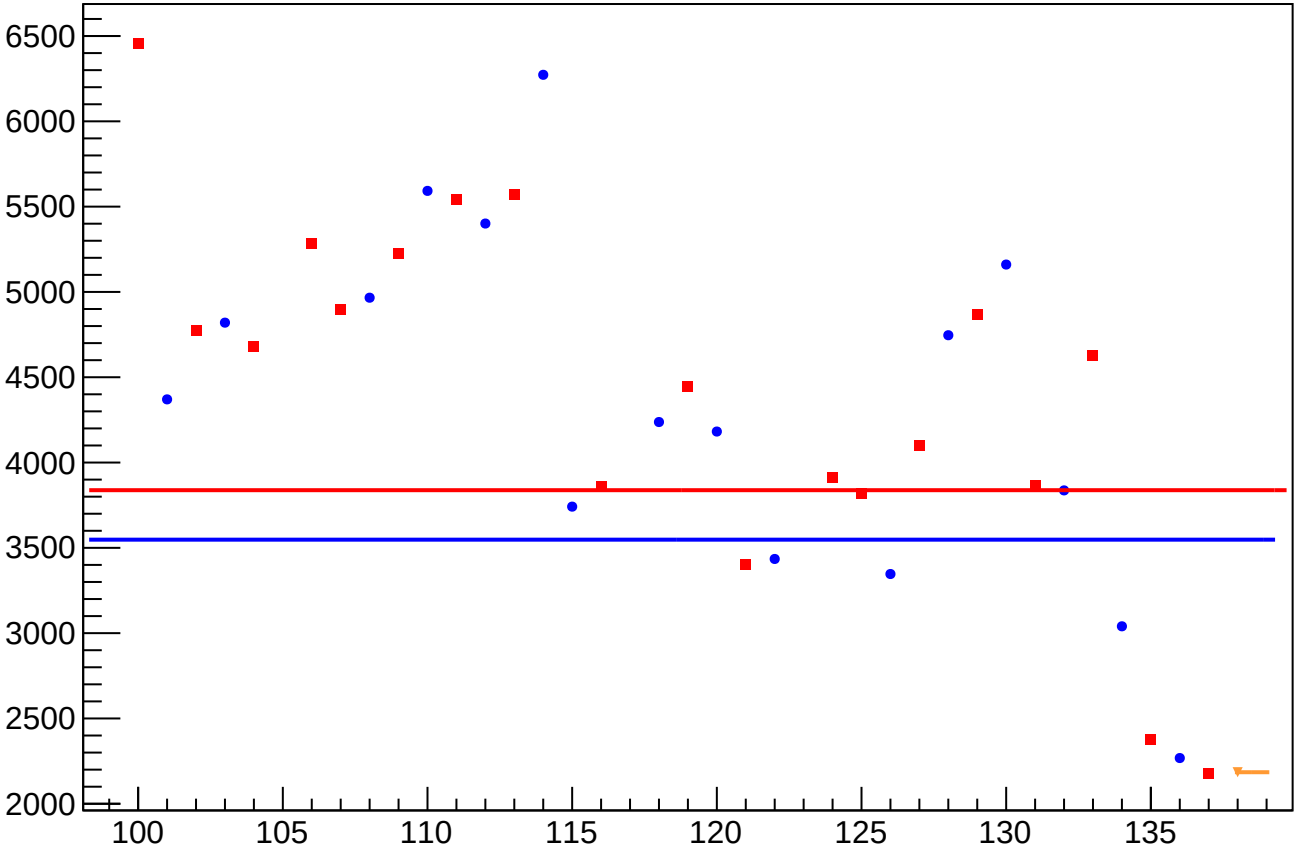
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1712.506+/-1210.105 χ^2/NDF: 21.3/16

All: -1390.456+/-931.873 χ^2/NDF: 36.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 3547.969+/-0.979 χ^2/NDF: 1258486.8/15

Left Out: 2184.868+/-1.763 χ^2/NDF:0.0/0

Right Out: 3837.970+/-1.033 χ^2/NDF: 1155831.8/18

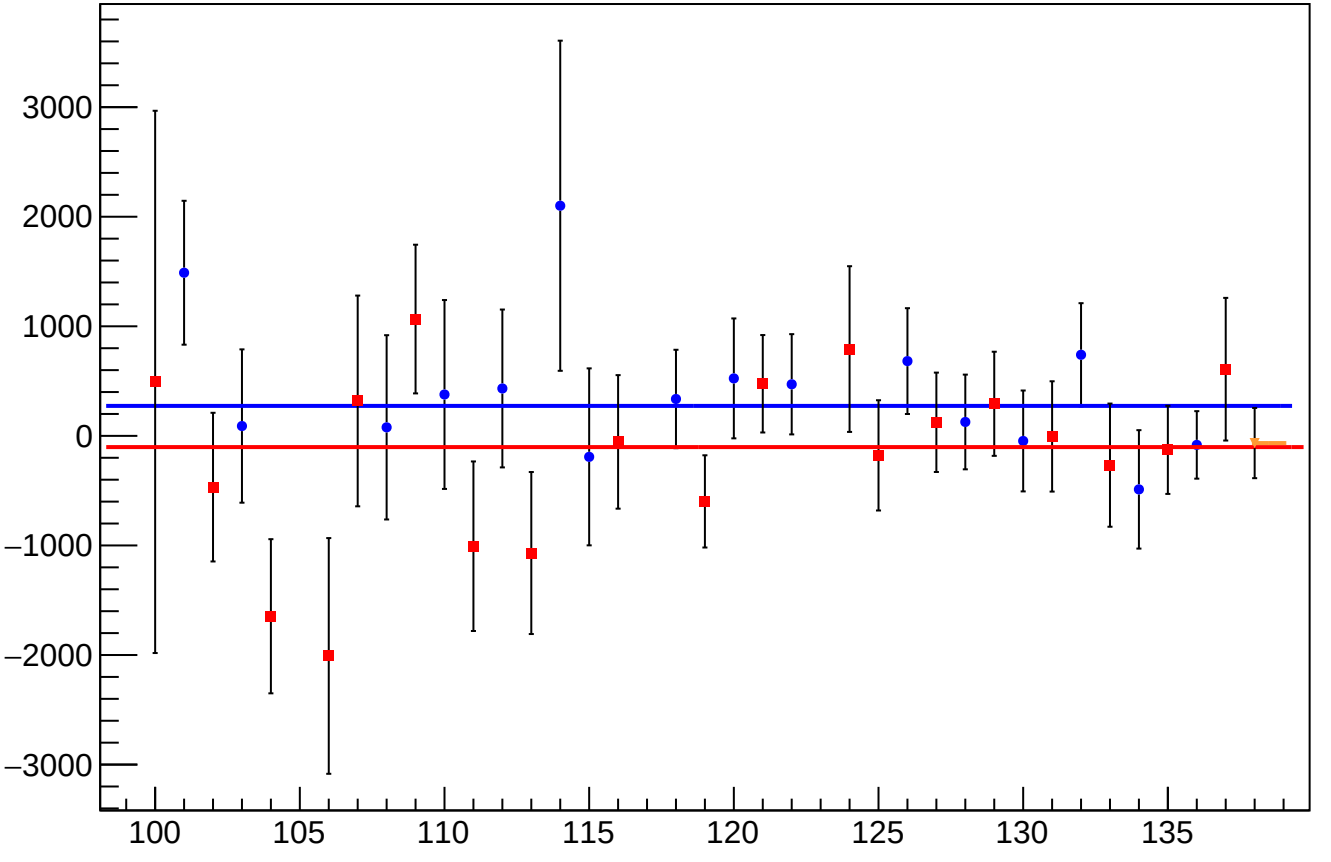
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 3226.741+/-0.856 χ^2/NDF: 1715587.3/16

All: 3475.501+/-0.659 χ^2/NDF: 3079085.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 273.582+/-132.536 χ^2/NDF: 11.4/15

Left Out: -65.660+/-320.432 χ^2/NDF:0.0/0

Right Out: -102.368+/-133.606 χ^2/NDF: 21.3/18

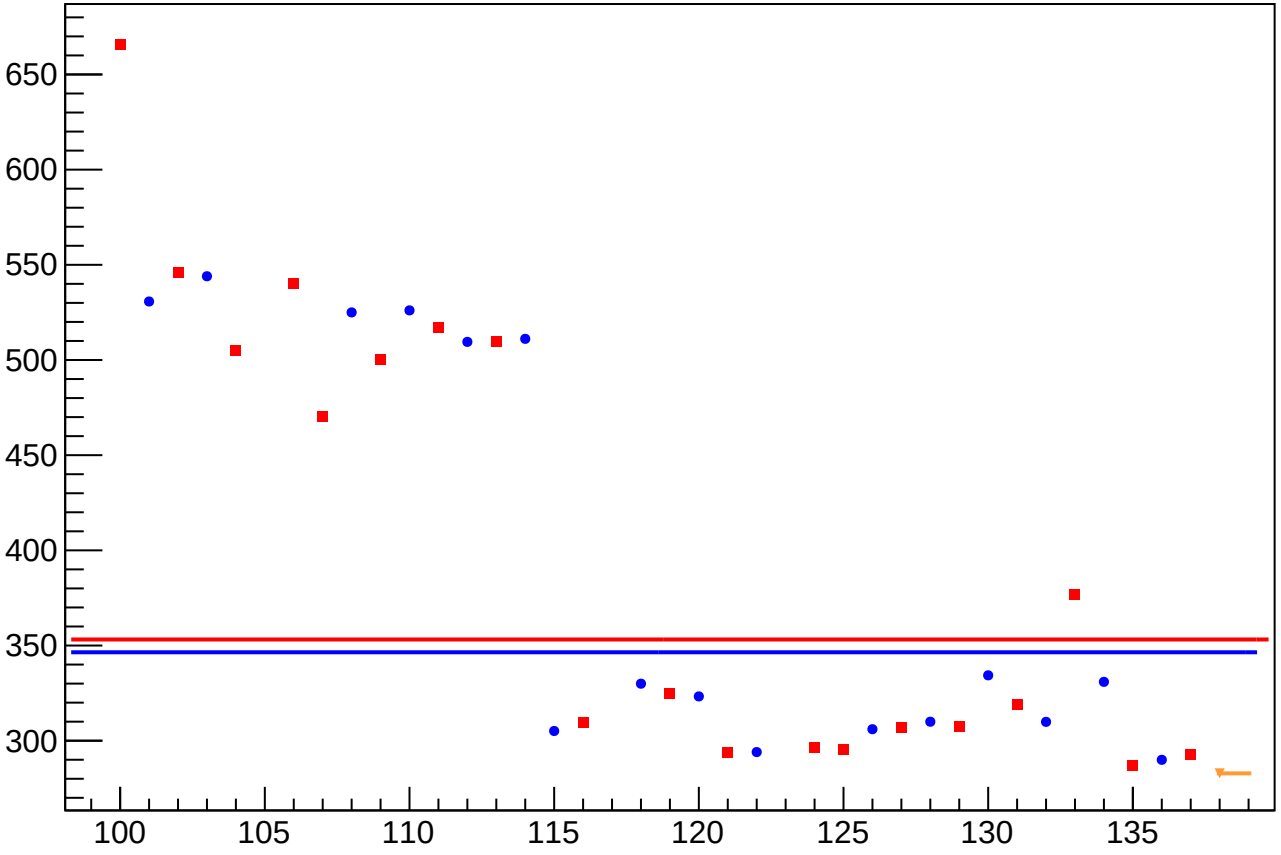
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 224.023+/-122.473 χ^2/NDF: 12.4/16

All: 74.990+/-90.281 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 346.453+/-0.094 χ^2/NDF: 768754.7/15

Left Out: 282.842+/-0.227 χ^2/NDF:0.0/0

Right Out: 353.176+/-0.094 χ^2/NDF: 866353.6/18

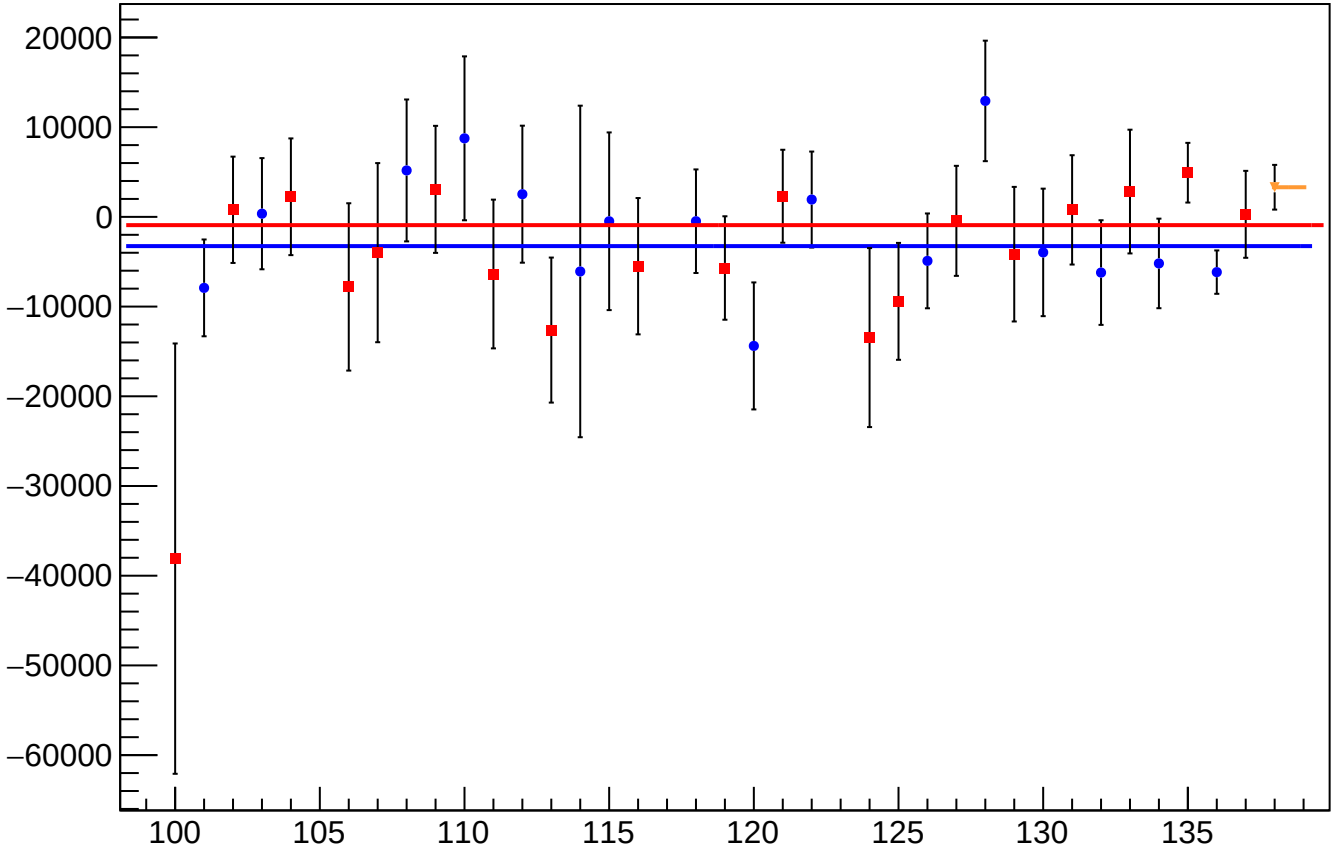
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 337.160+/-0.087 χ^2/NDF: 836057.0/16

All: 344.473+/-0.064 χ^2/NDF: 1718028.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -3258.828+/-1384.137 χ^2/NDF: 16.0/15

Left Out: 3302.856+/-2492.753 χ^2/NDF:0.0/0

Right Out: -921.200+/-1460.725 χ^2/NDF: 14.6/18

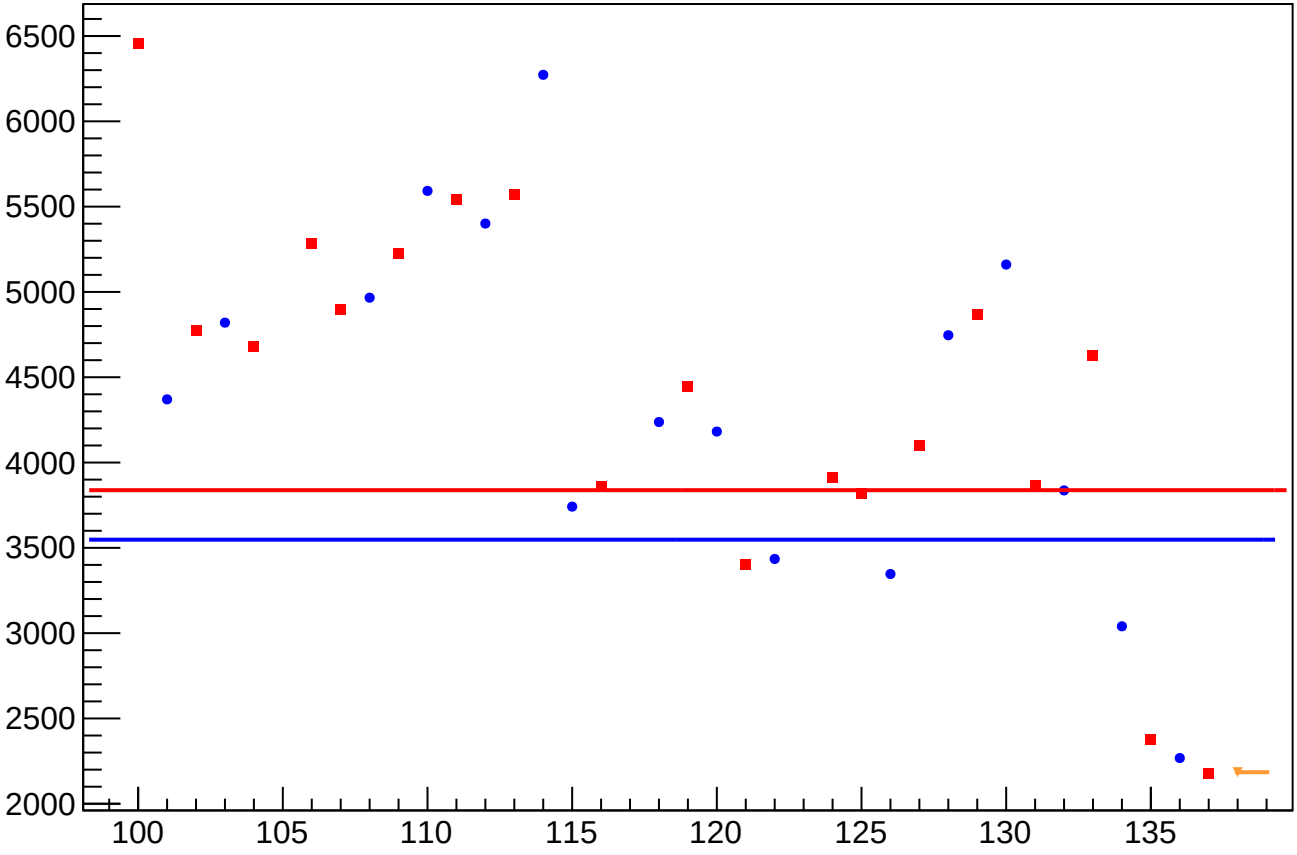
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1712.500+/-1210.103 χ^2/NDF: 21.3/16

All: -1390.455+/-931.872 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 3547.966+/-0.979 χ^2/NDF: 1258472.8/15

Left Out: 2184.862+/-1.763 χ^2/NDF:0.0/0

Right Out: 3837.965+/-1.033 χ^2/NDF: 1155821.5/18

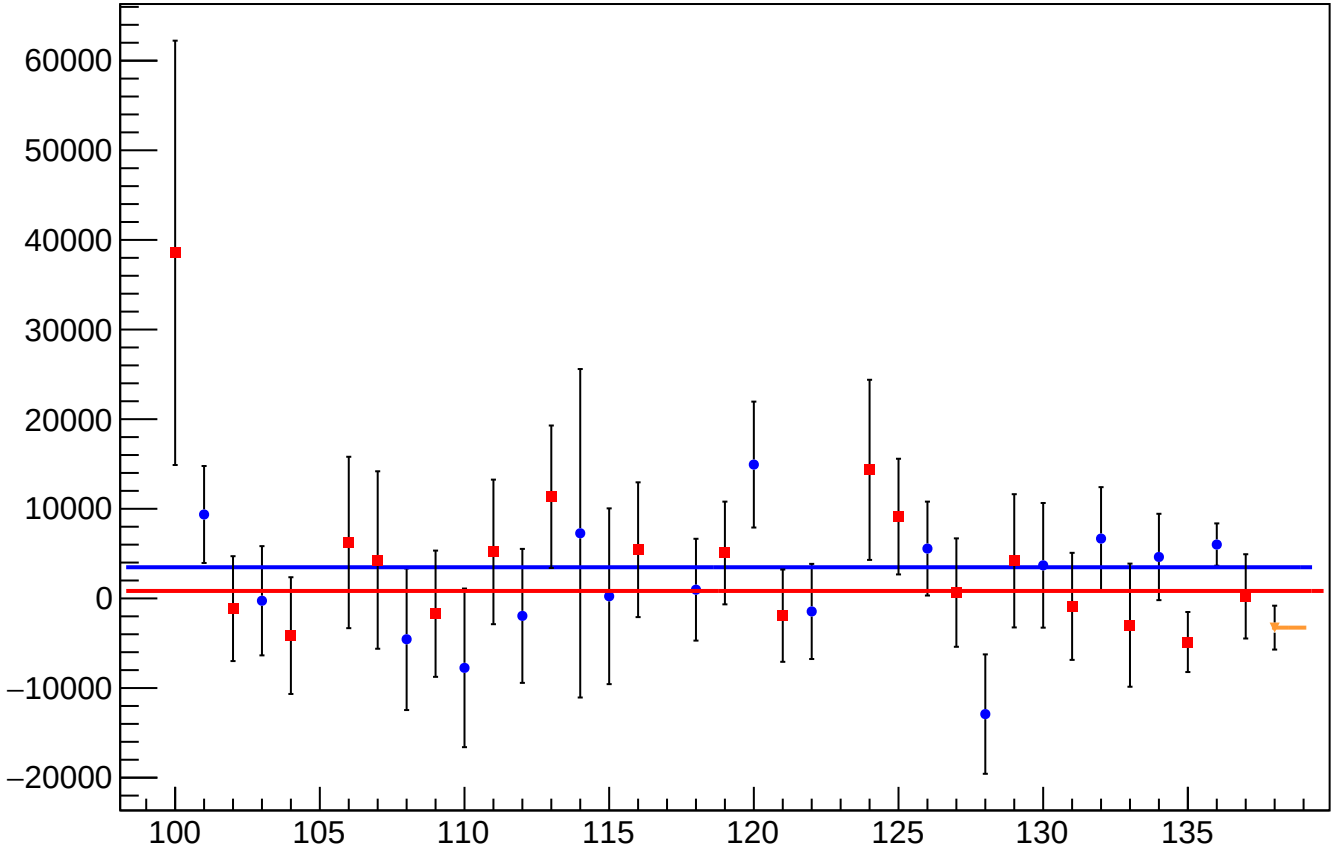
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3226.737+/-0.856 χ^2/NDF: 1715577.7/16

All: 3475.496+/-0.659 χ^2/NDF: 3079066.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_mean vs Slug



Right In: 3478.372+/-1360.356 χ^2/NDF: 16.3/15

Left Out: -3259.144+/-2448.313 χ^2/NDF:0.0/0

Right Out: 832.583+/-1449.649 χ^2/NDF: 14.0/18

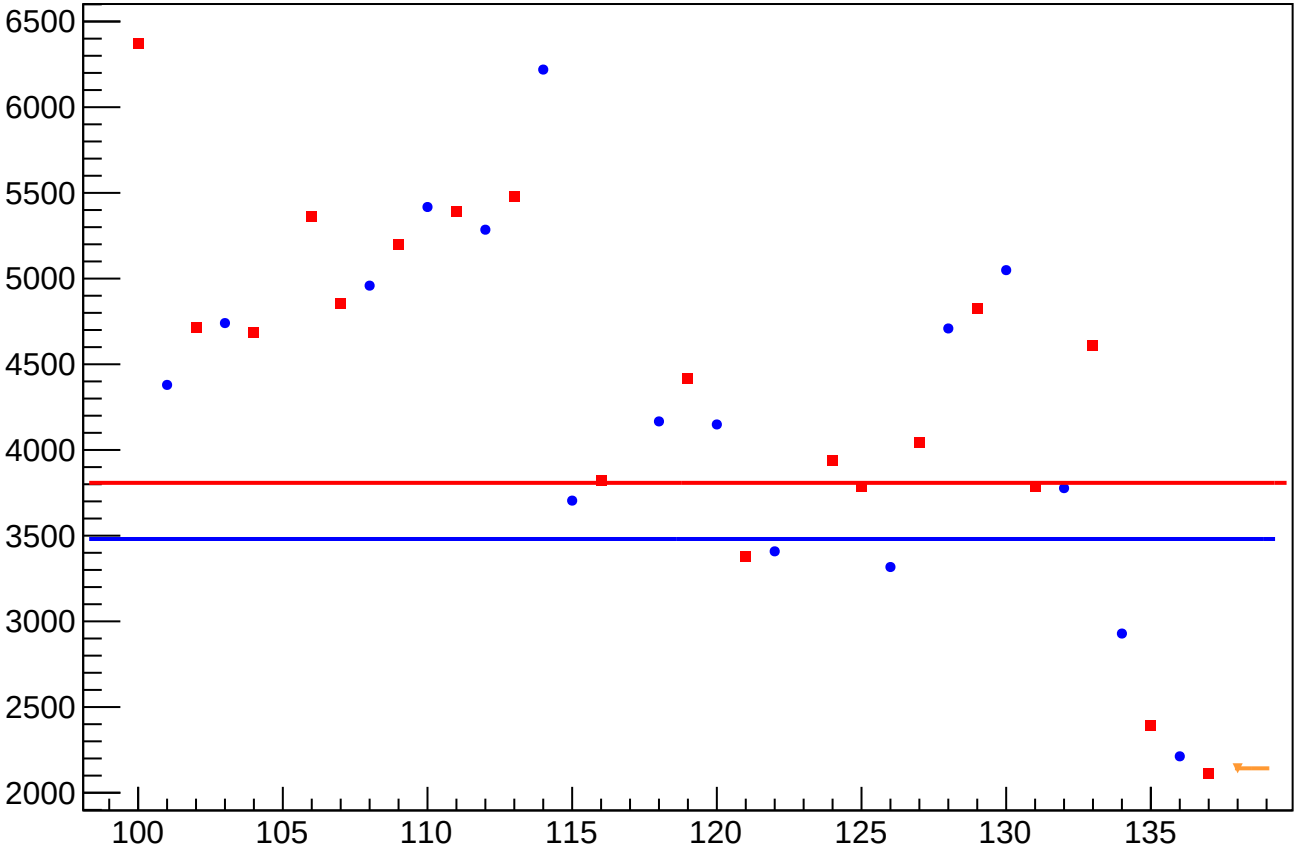
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1889.010+/-1189.127 χ^2/NDF: 22.1/16

All: 1464.089+/-919.385 χ^2/NDF: 36.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_rms vs Slug



Right In: 3480.559+/-0.962 χ^2/NDF: 1296641.6/15

Left Out: 2142.500+/-1.731 χ^2/NDF:0.0/0

Right Out: 3808.151+/-1.025 χ^2/NDF: 1147564.2/18

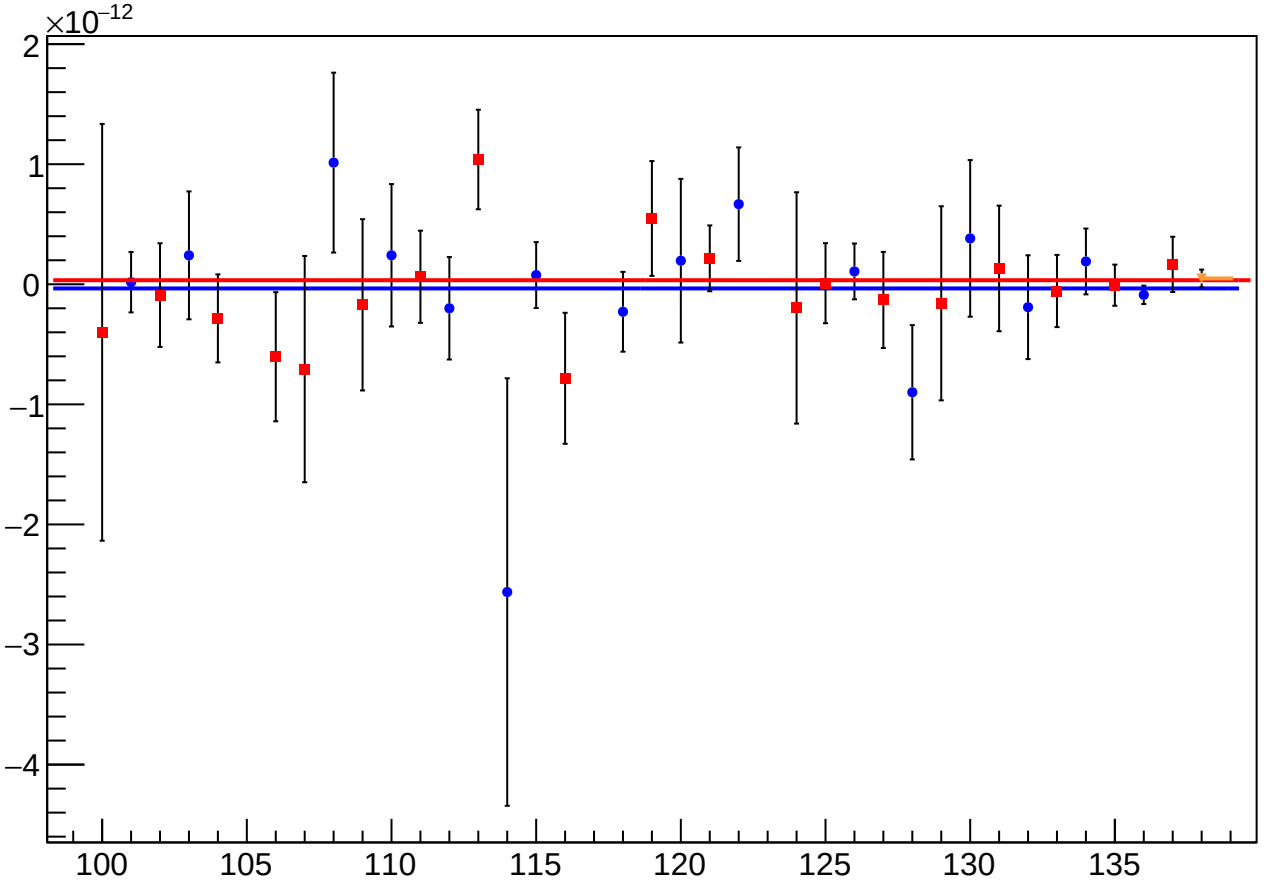
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3164.915+/-0.841 χ^2/NDF: 1753097.4/16

All: 3423.640+/-0.650 χ^2/NDF: 3136049.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 11.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

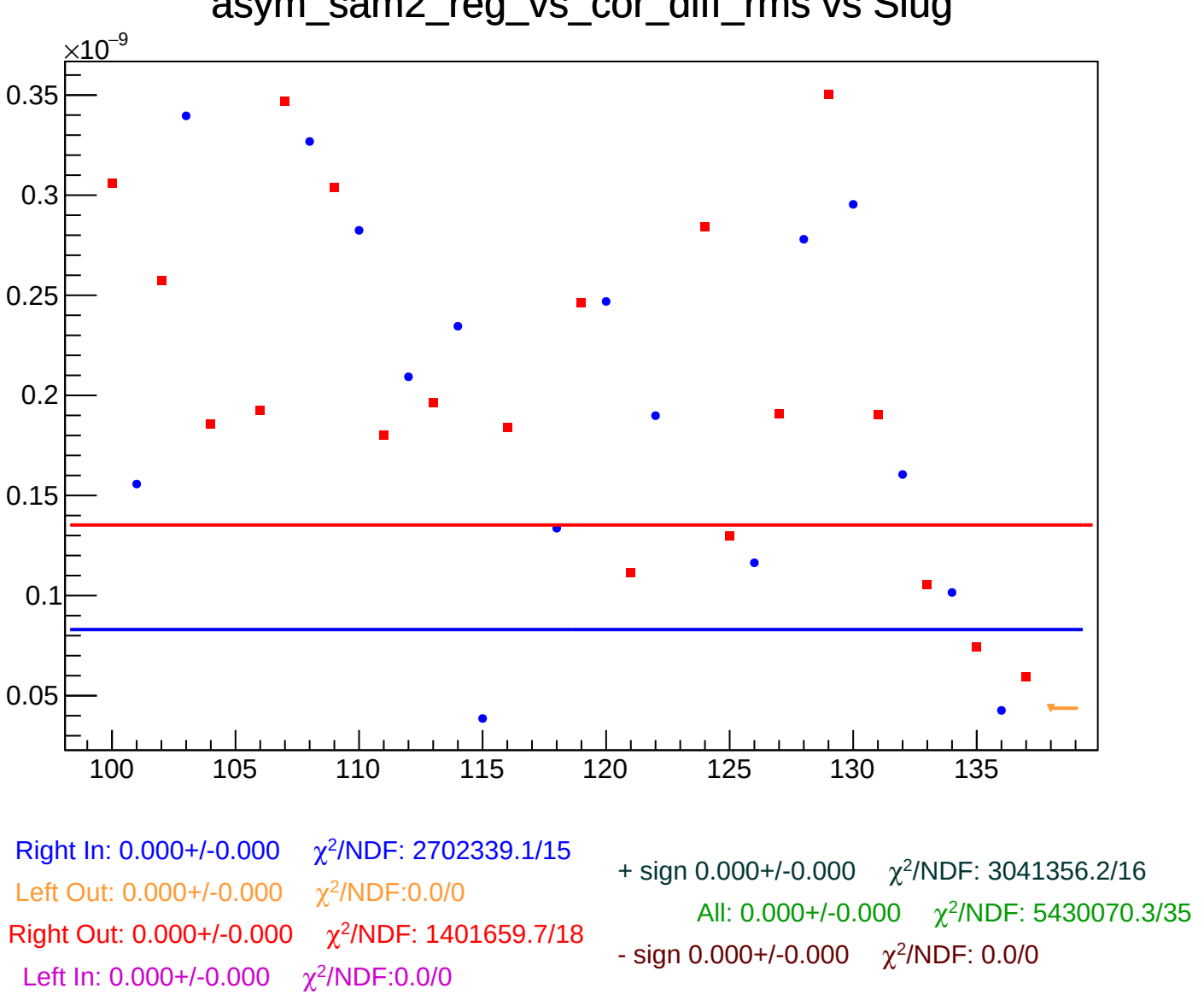
Right Out: 0.000+/-0.000 χ^2/NDF: 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

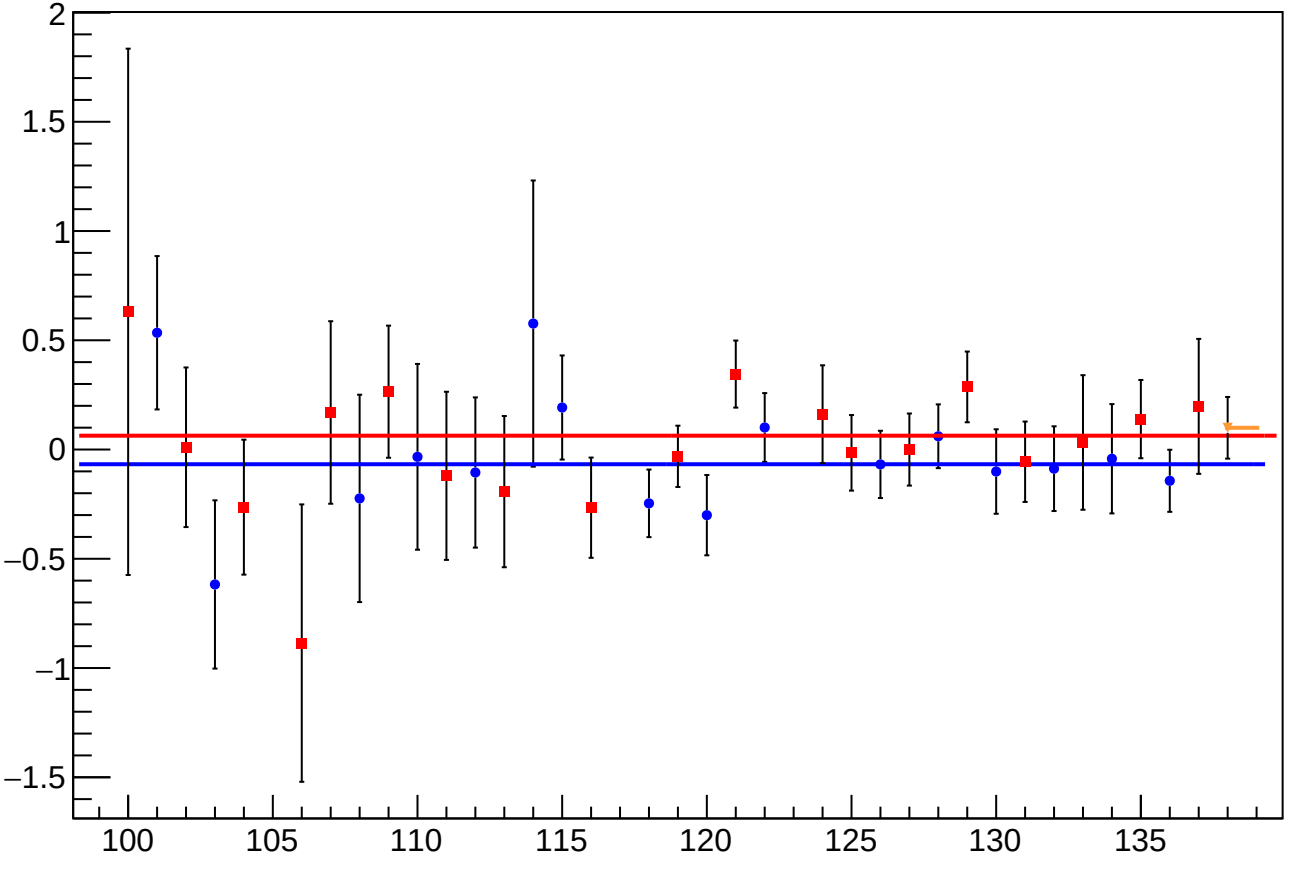
+ sign -0.000+/-0.000 χ^2/NDF: 12.7/16

All: 0.000+/-0.000 χ^2/NDF: 26.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam2_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.35
0.3
0.25
0.2
0.15
0.1
0.05
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2702339.1/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1401659.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3041356.2/16
All: 0.000+/-0.000 χ²/NDF: 5430070.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.067+/-0.052 χ^2/NDF: 12.5/15

Left Out: 0.099+/-0.141 χ^2/NDF:0.0/0

Right Out: 0.063+/-0.052 χ^2/NDF: 14.0/18

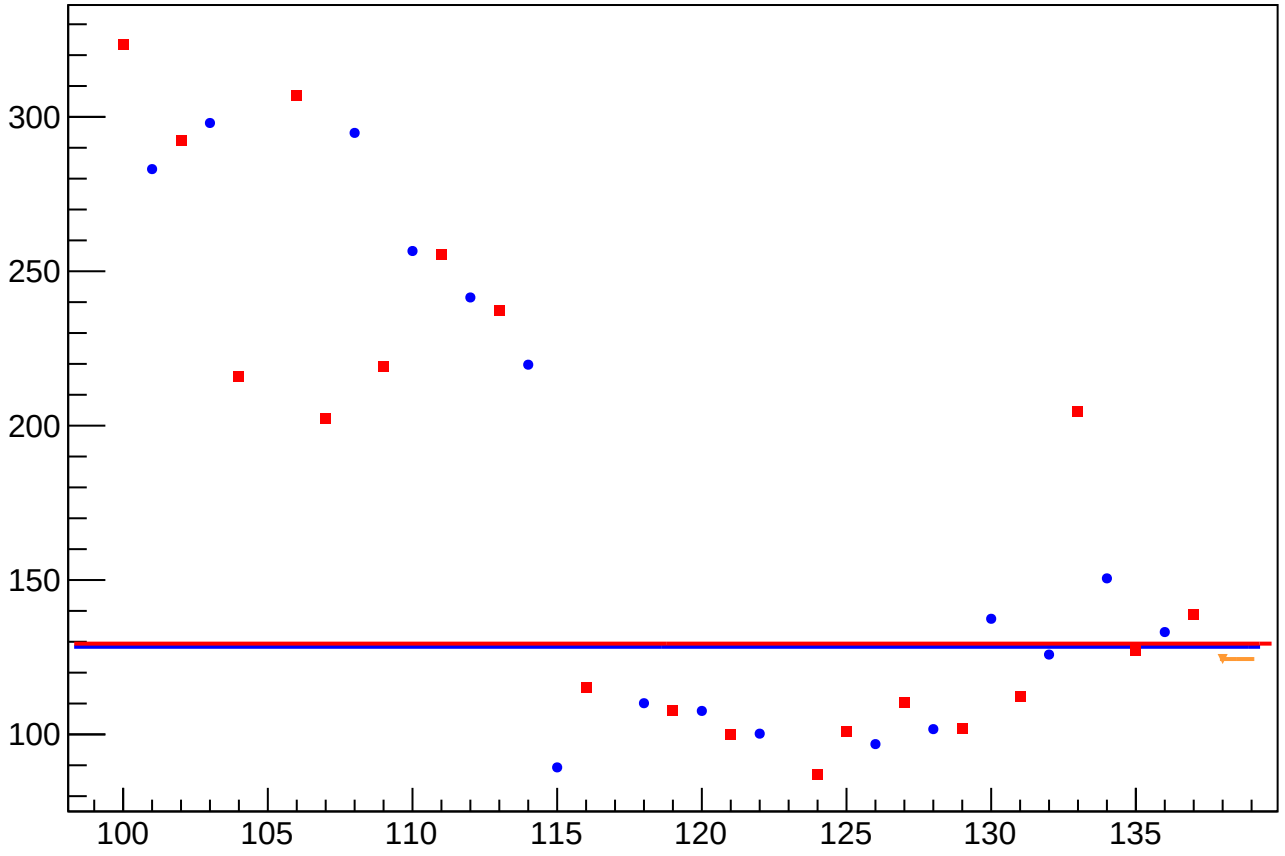
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.048+/-0.049 χ^2/NDF: 13.7/16

All: 0.005+/-0.035 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 128.380+/-0.037 χ^2/NDF: 1805078.6/15

Left Out: 124.411+/-0.100 χ^2/NDF:0.0/0

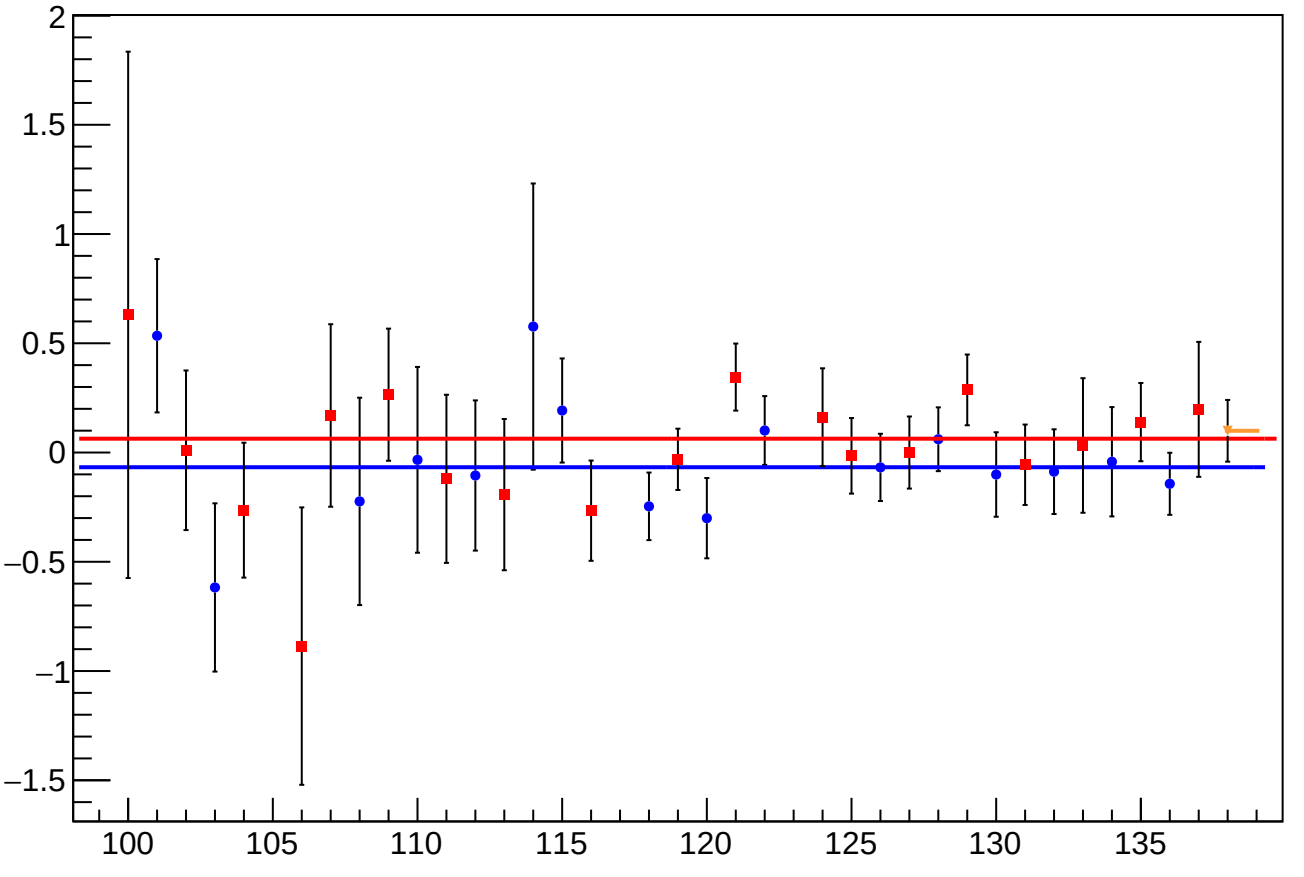
Right Out: 129.399+/-0.037 χ^2/NDF: 1888271.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 127.909+/-0.034 χ^2/NDF: 1806472.3/16

All: 128.609+/-0.025 χ^2/NDF: 3695626.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.067+/-0.052 χ^2/NDF: 12.5/15

Left Out: 0.099+/-0.141 χ^2/NDF:0.0/0

Right Out: 0.063+/-0.052 χ^2/NDF: 14.0/18

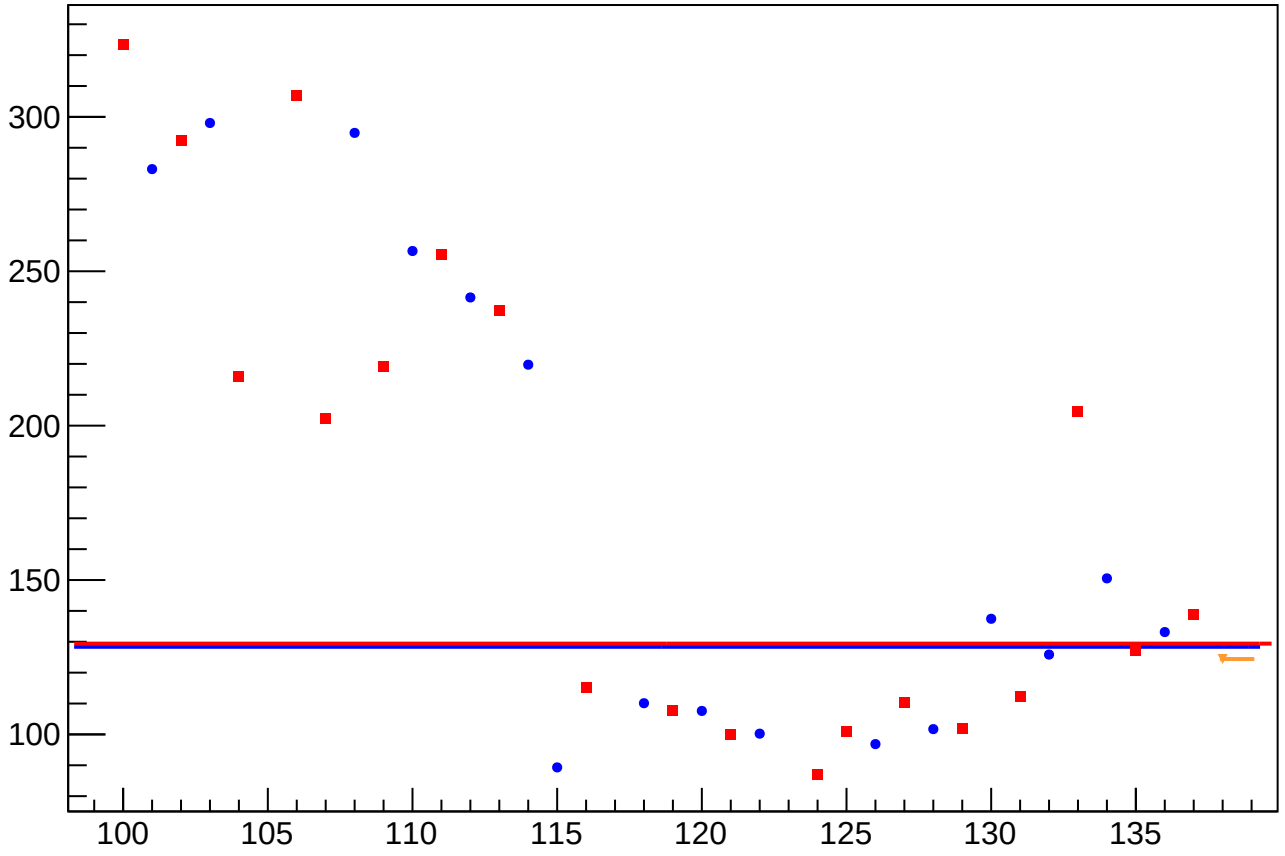
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.048+/-0.049 χ^2/NDF: 13.7/16

All: 0.005+/-0.035 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 128.380+/-0.037 χ^2/NDF: 1805078.6/15

Left Out: 124.411+/-0.100 χ^2/NDF:0.0/0

Right Out: 129.399+/-0.037 χ^2/NDF: 1888271.6/18

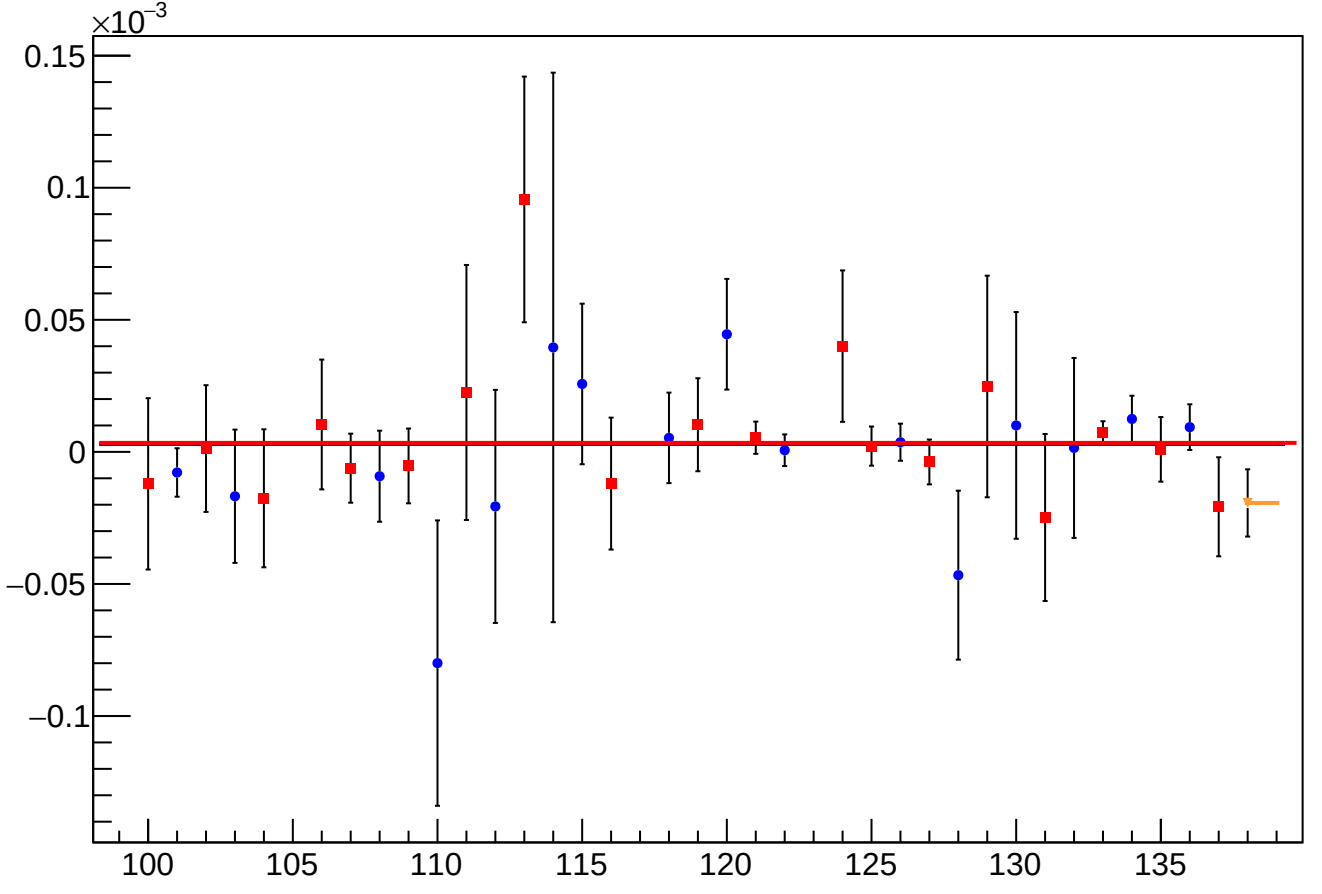
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 127.909+/-0.034 χ^2/NDF: 1806472.3/16

All: 128.609+/-0.025 χ^2/NDF: 3695626.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 14.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 12.6/18

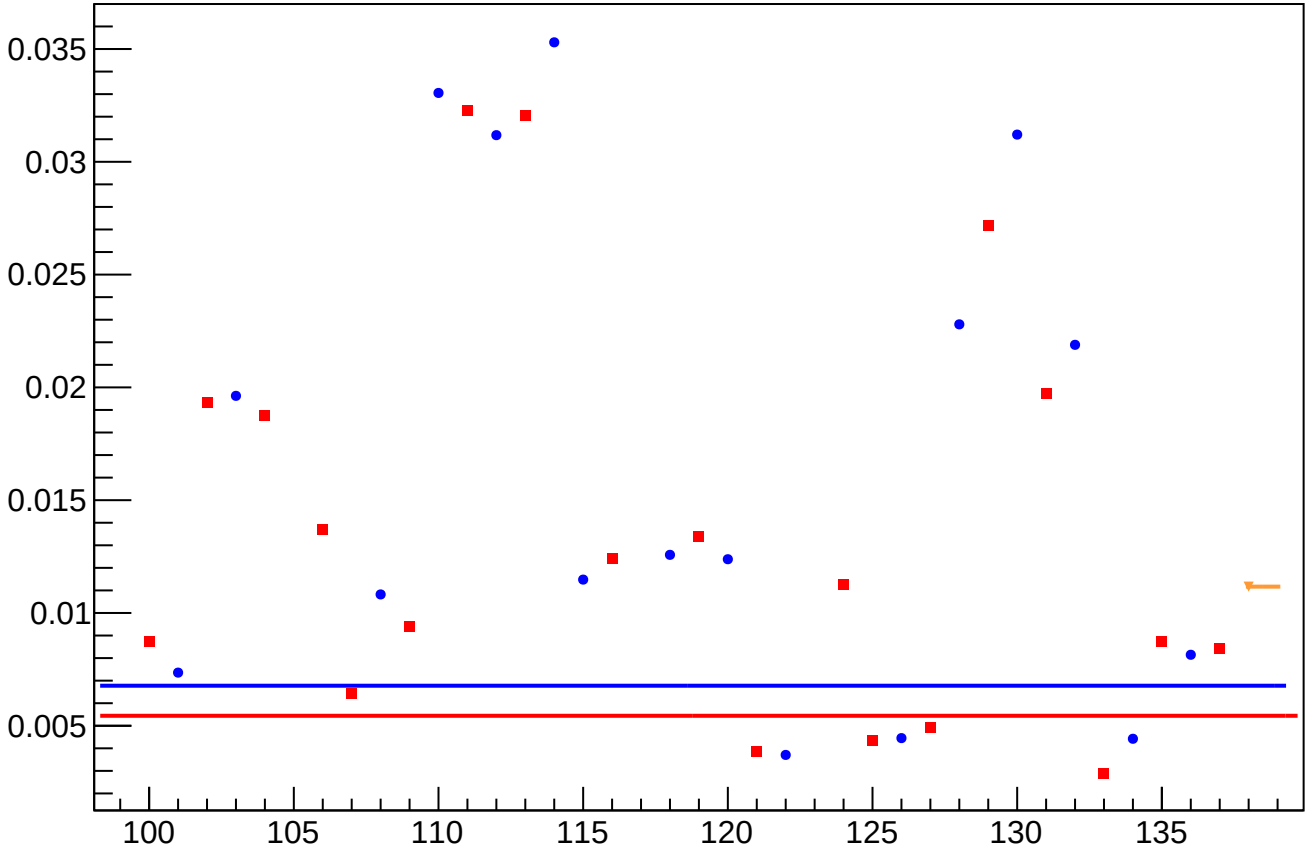
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.0/16

All: 0.000+/-0.000 χ^2/NDF: 29.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 4772275.3/15

Left Out: 0.011+/-0.000 χ^2/NDF:0.0/0

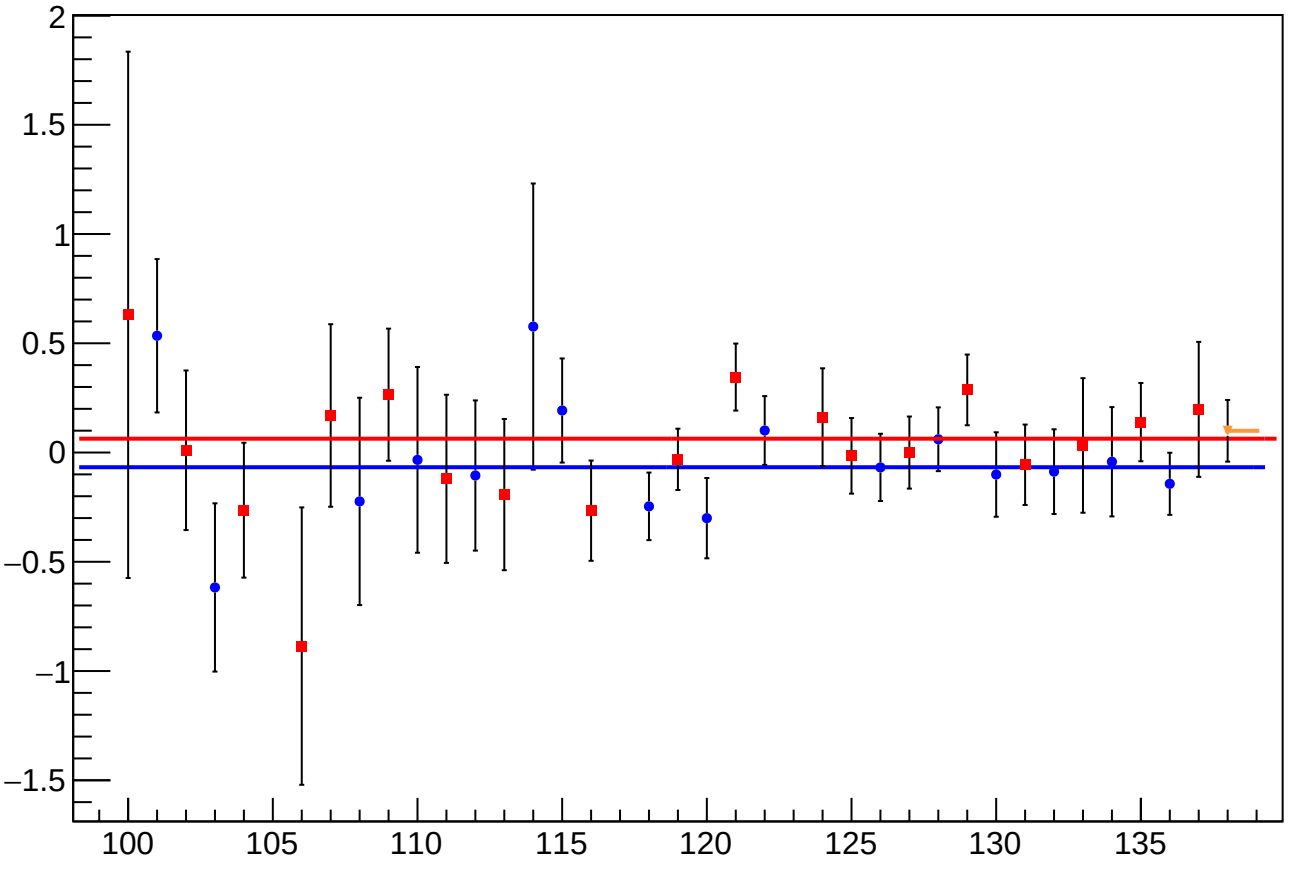
Right Out: 0.005+/-0.000 χ^2/NDF: 5572364.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.007+/-0.000 χ^2/NDF: 4996512.9/16

All: 0.006+/-0.000 χ^2/NDF: 10881963.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.067+/-0.052 χ^2/NDF: 12.5/15

Left Out: 0.099+/-0.141 χ^2/NDF:0.0/0

Right Out: 0.063+/-0.052 χ^2/NDF: 14.0/18

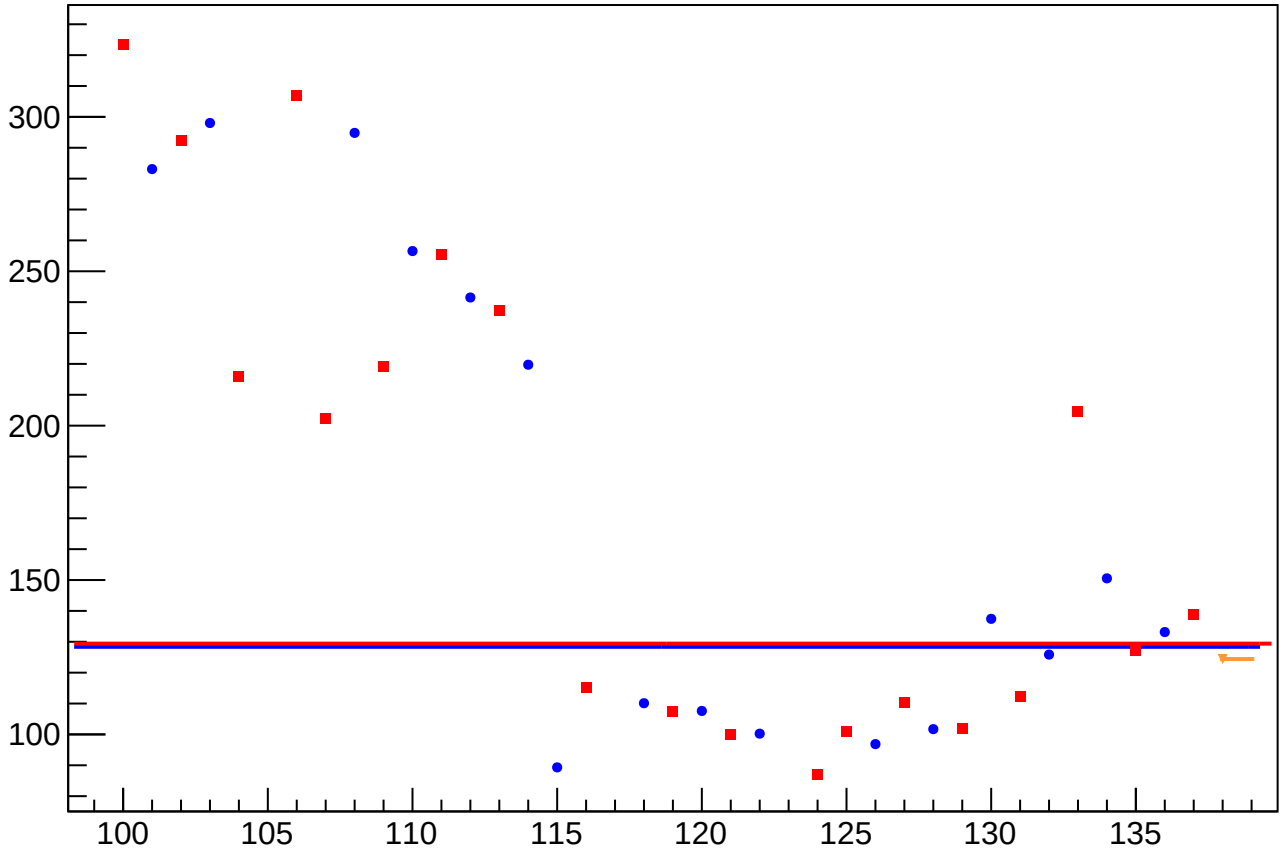
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.048+/-0.049 χ^2/NDF: 13.7/16

All: 0.005+/-0.035 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 128.377+/-0.037 χ^2/NDF: 1805026.7/15

Left Out: 124.409+/-0.100 χ^2/NDF:0.0/0

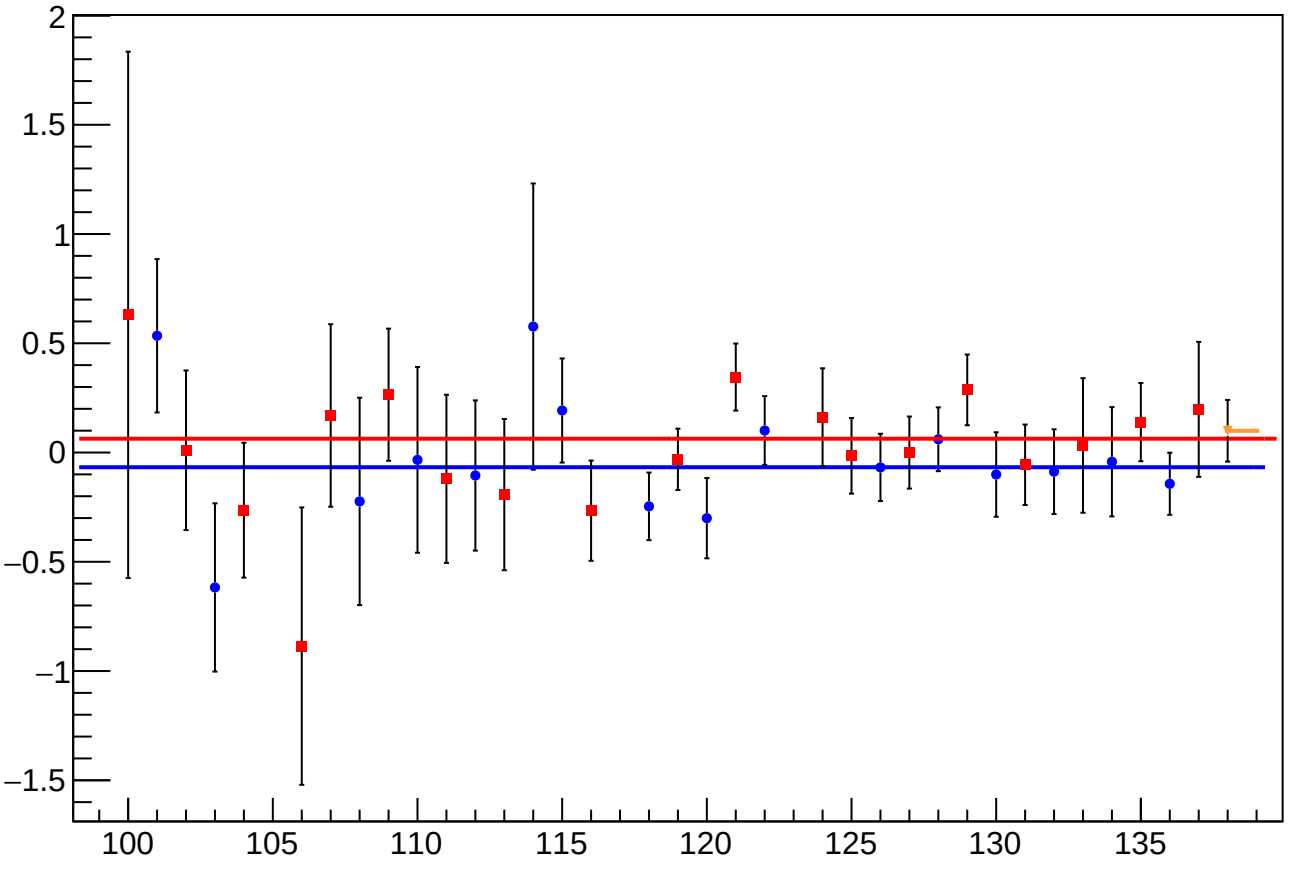
Right Out: 129.396+/-0.036 χ^2/NDF: 1888272.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 127.906+/-0.034 χ^2/NDF: 1806419.5/16

All: 128.606+/-0.025 χ^2/NDF: 3695574.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.067+/-0.052 χ^2/NDF: 12.5/15

Left Out: 0.099+/-0.141 χ^2/NDF:0.0/0

Right Out: 0.063+/-0.052 χ^2/NDF: 14.0/18

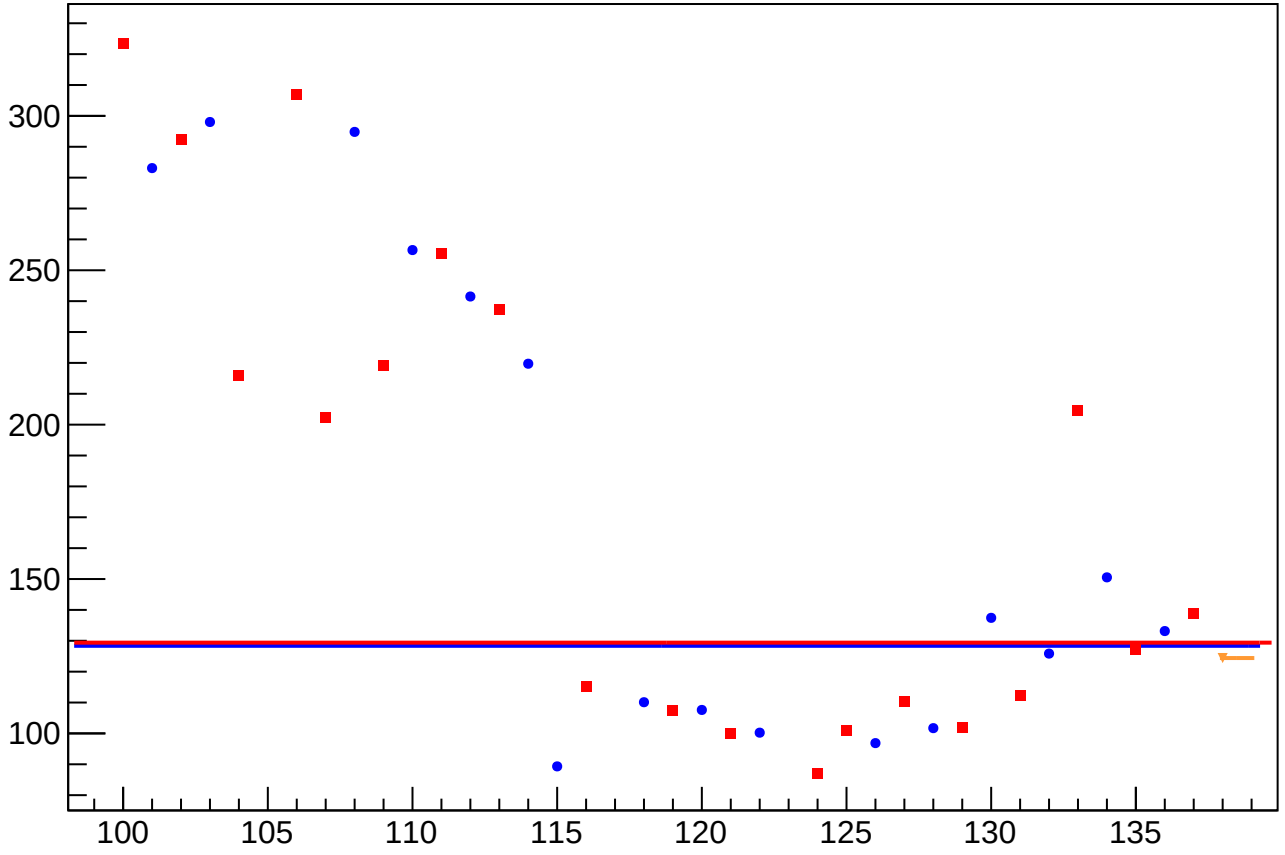
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.048+/-0.049 χ^2/NDF: 13.7/16

All: 0.005+/-0.035 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 128.377+/-0.037 χ^2/NDF: 1805026.7/15

Left Out: 124.409+/-0.100 χ^2/NDF:0.0/0

Right Out: 129.396+/-0.036 χ^2/NDF: 1888272.8/18

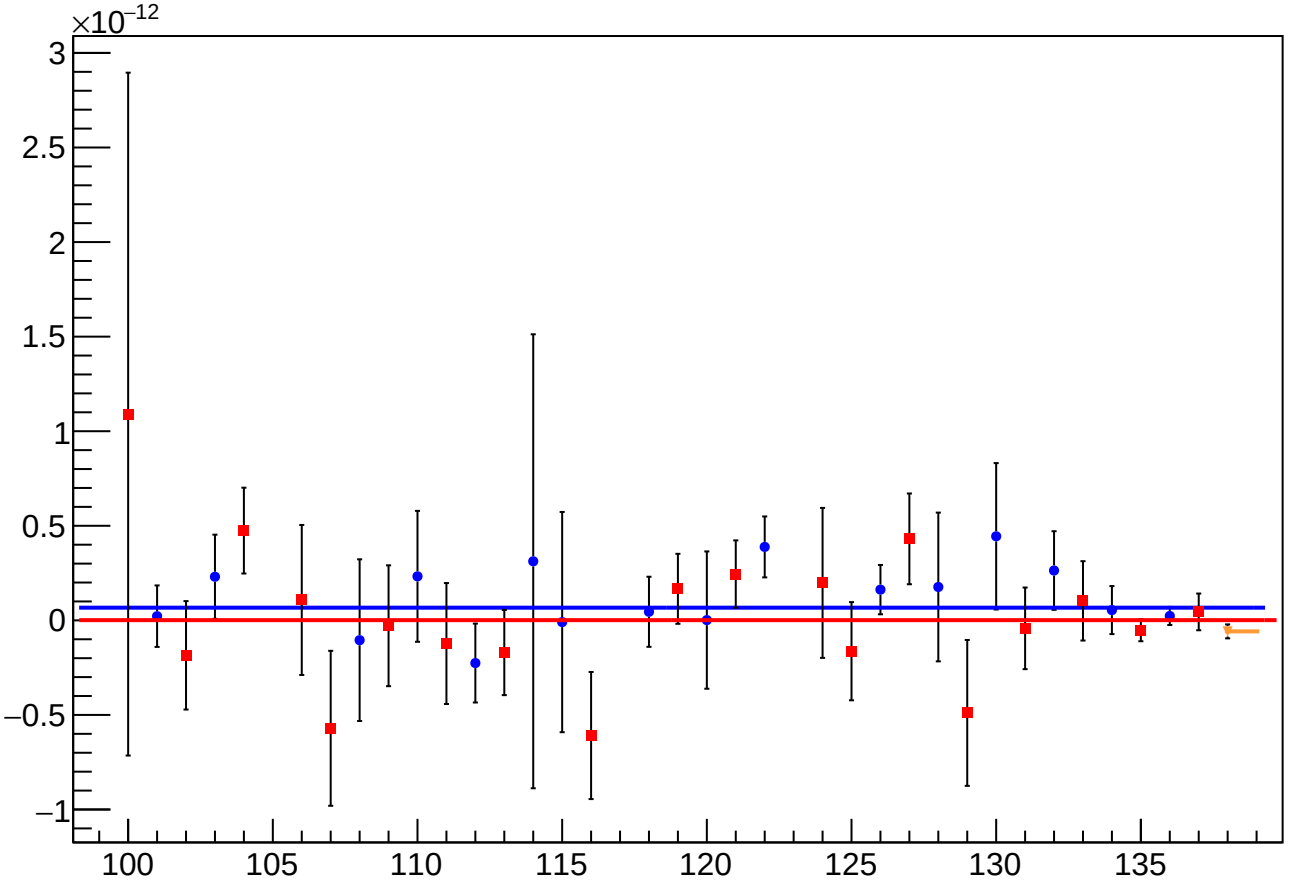
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 127.906+/-0.034 χ^2/NDF: 1806419.5/16

All: 128.606+/-0.025 χ^2/NDF: 3695574.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 10.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

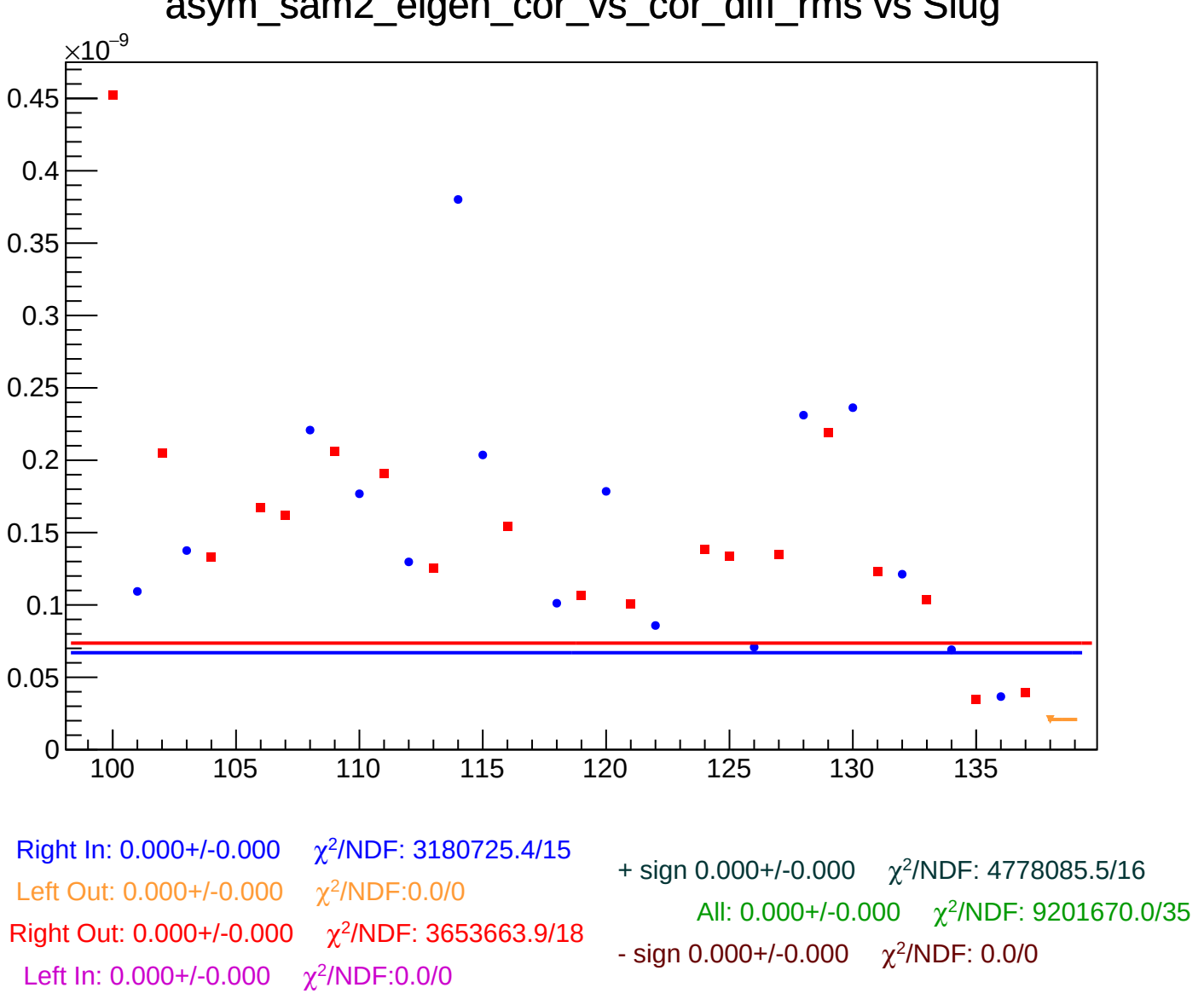
Right Out: 0.000+/-0.000 χ^2/NDF: 20.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

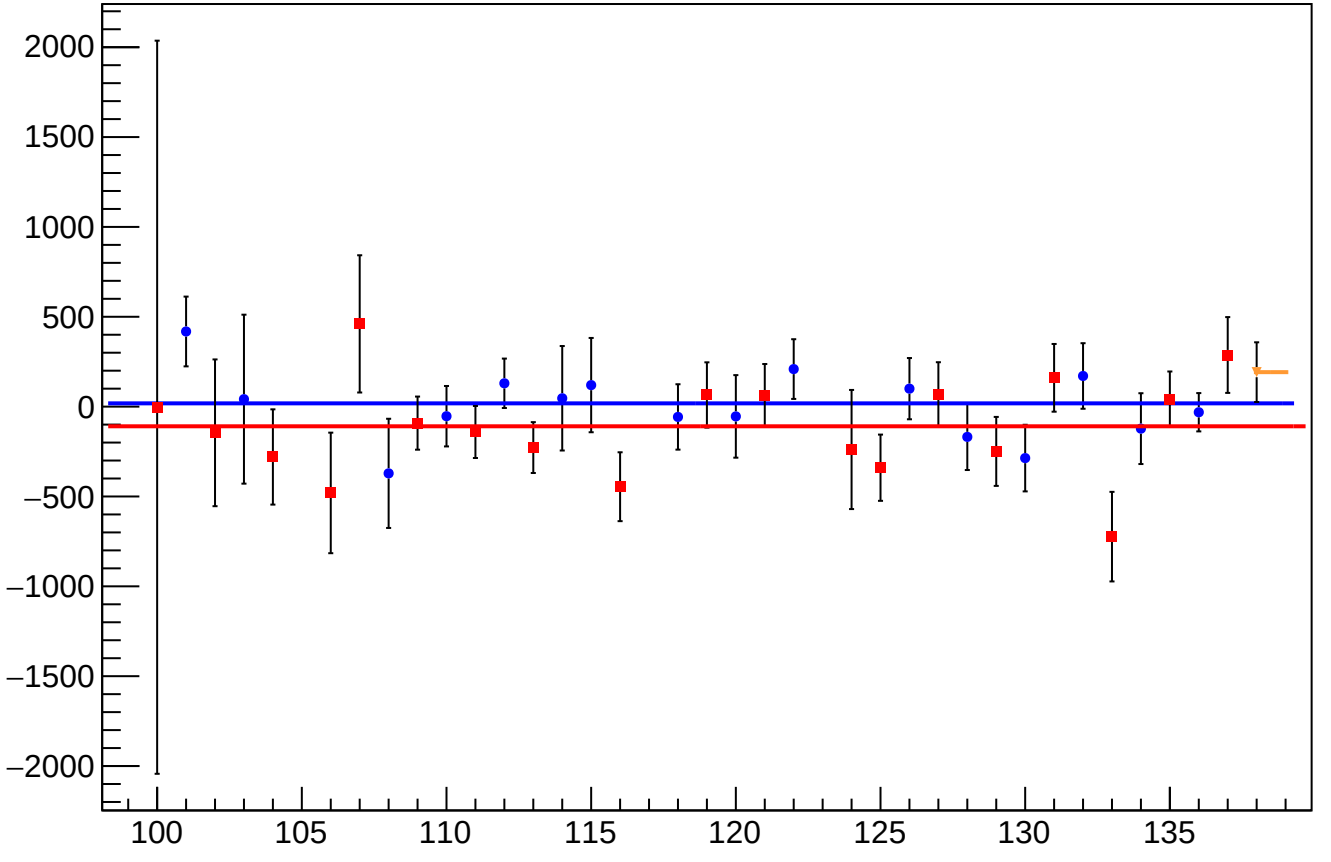
+ sign 0.000+/-0.000 χ^2/NDF: 16.3/16

All: 0.000+/-0.000 χ^2/NDF: 36.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 3180725.4/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 3653663.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 4778085.5/16
All: 0.000+/-0.000 χ²/NDF: 9201670.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 18.204+/-45.704 χ^2/NDF: 13.9/15

Left Out: 191.856+/-166.053 χ^2/NDF:0.0/0

Right Out: -109.432+/-45.825 χ^2/NDF: 25.5/18

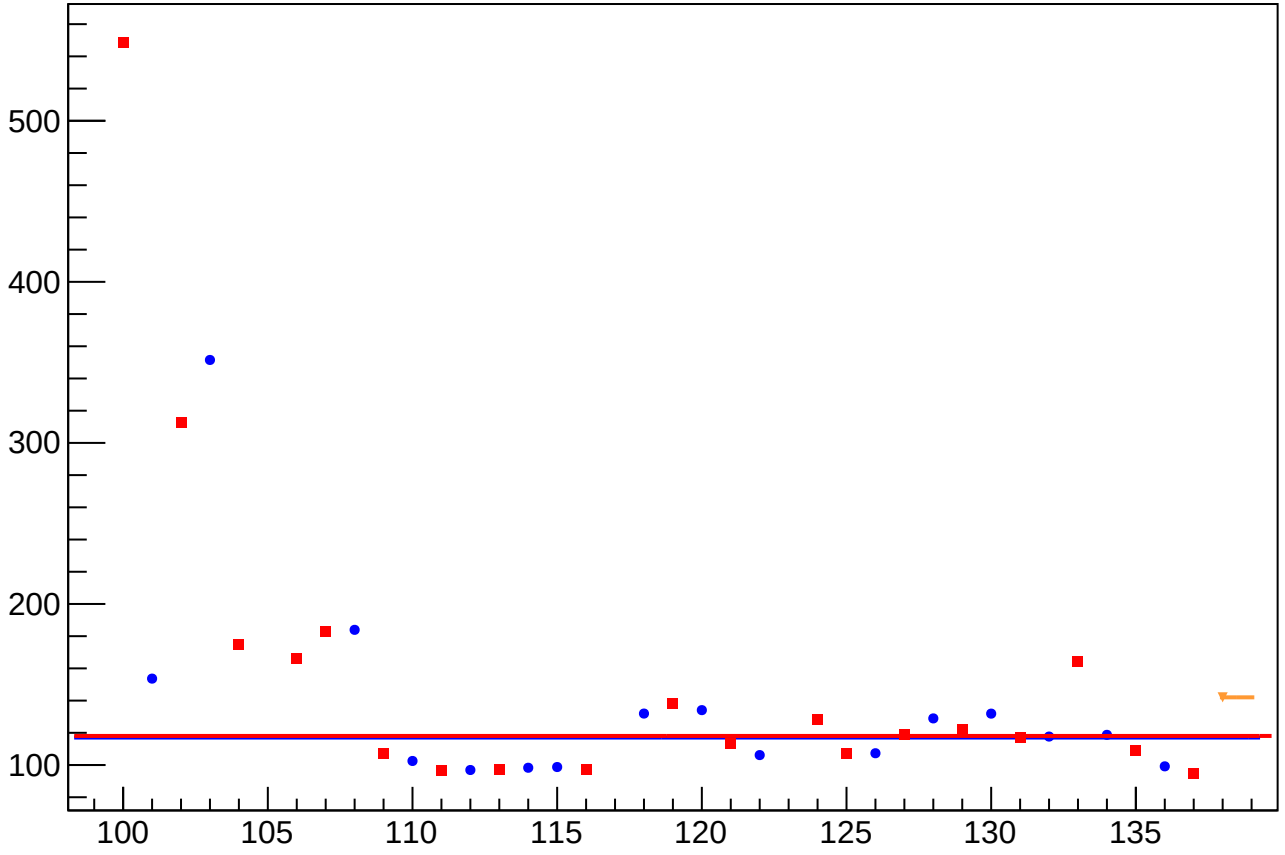
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.433+/-44.065 χ^2/NDF: 14.9/16

All: -36.763+/-31.763 χ^2/NDF: 45.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 117.063+/-0.032 χ^2/NDF: 858400.8/15

Left Out: 142.022+/-0.117 χ^2/NDF:0.0/0

Right Out: 118.057+/-0.032 χ^2/NDF: 990748.0/18

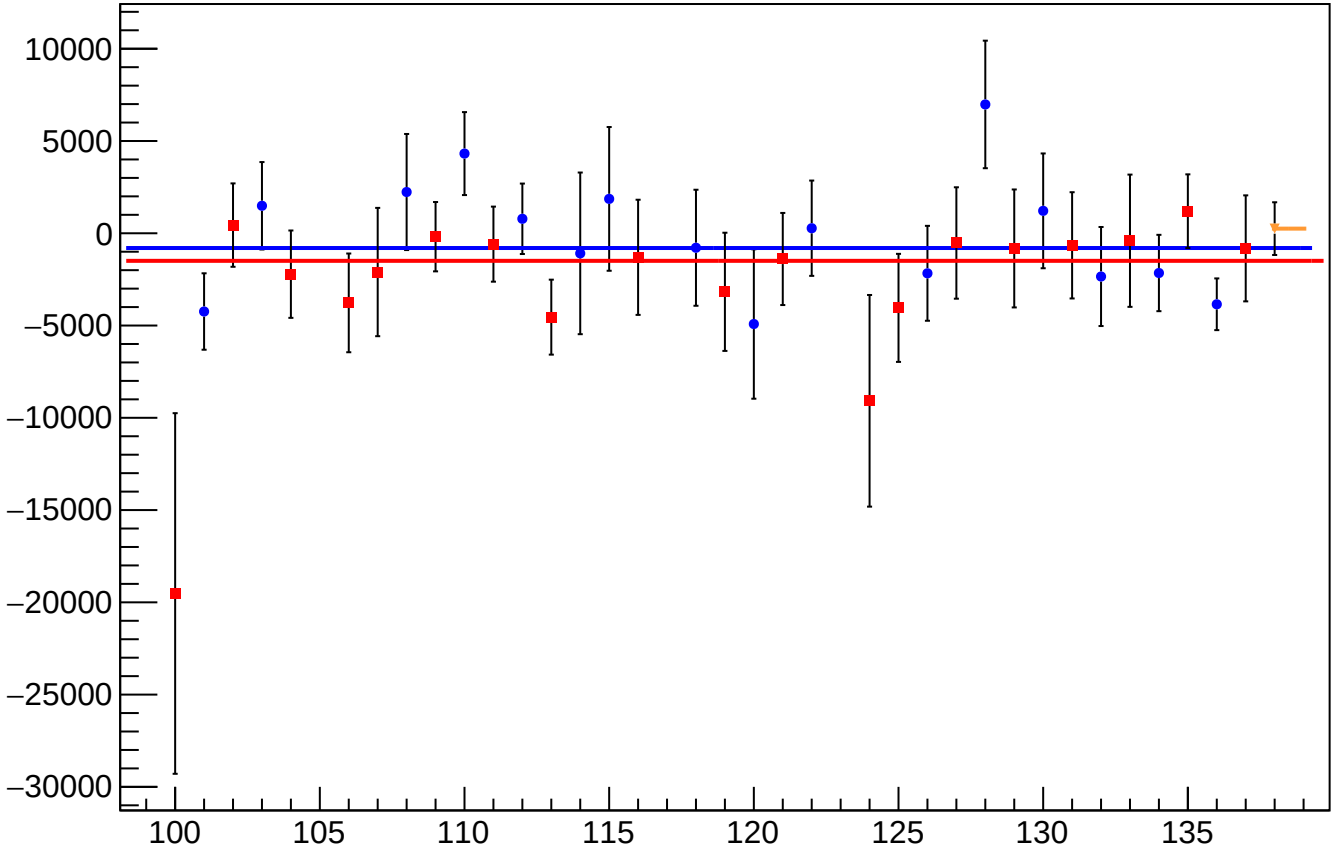
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 118.820+/-0.031 χ^2/NDF: 900405.8/16

All: 118.454+/-0.022 χ^2/NDF: 1891441.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: -799.133+/-616.009 χ^2/NDF: 23.4/15

Left Out: 251.564+/-1428.261 χ^2/NDF:0.0/0

Right Out: -1493.897+/-613.097 χ^2/NDF: 12.9/18

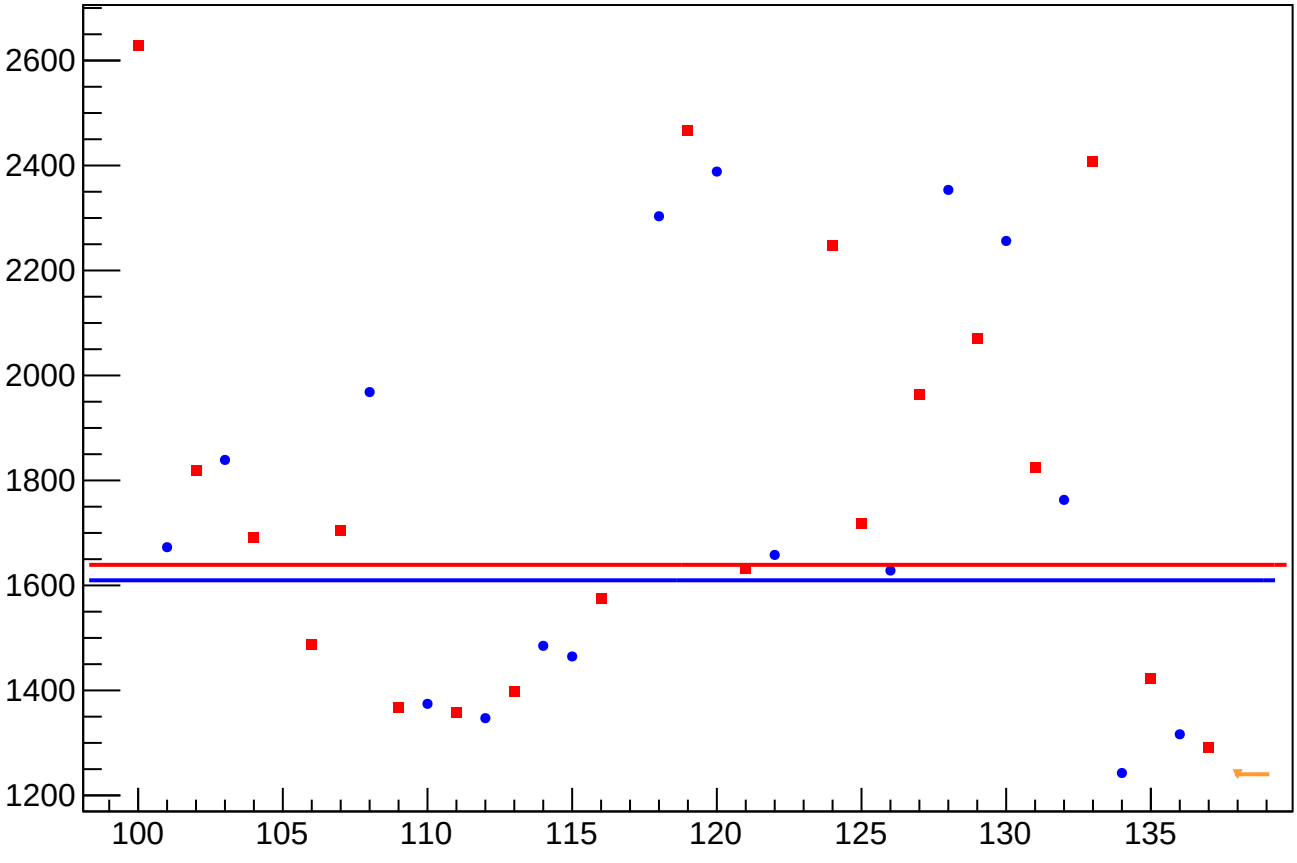
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -634.338+/-565.641 χ^2/NDF: 23.9/16

All: -1029.568+/-415.735 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1609.782+/-0.436 χ^2/NDF: 619129.2/15

Left Out: 1240.246+/-1.010 χ^2/NDF:0.0/0

Right Out: 1639.241+/-0.434 χ^2/NDF: 520182.2/18

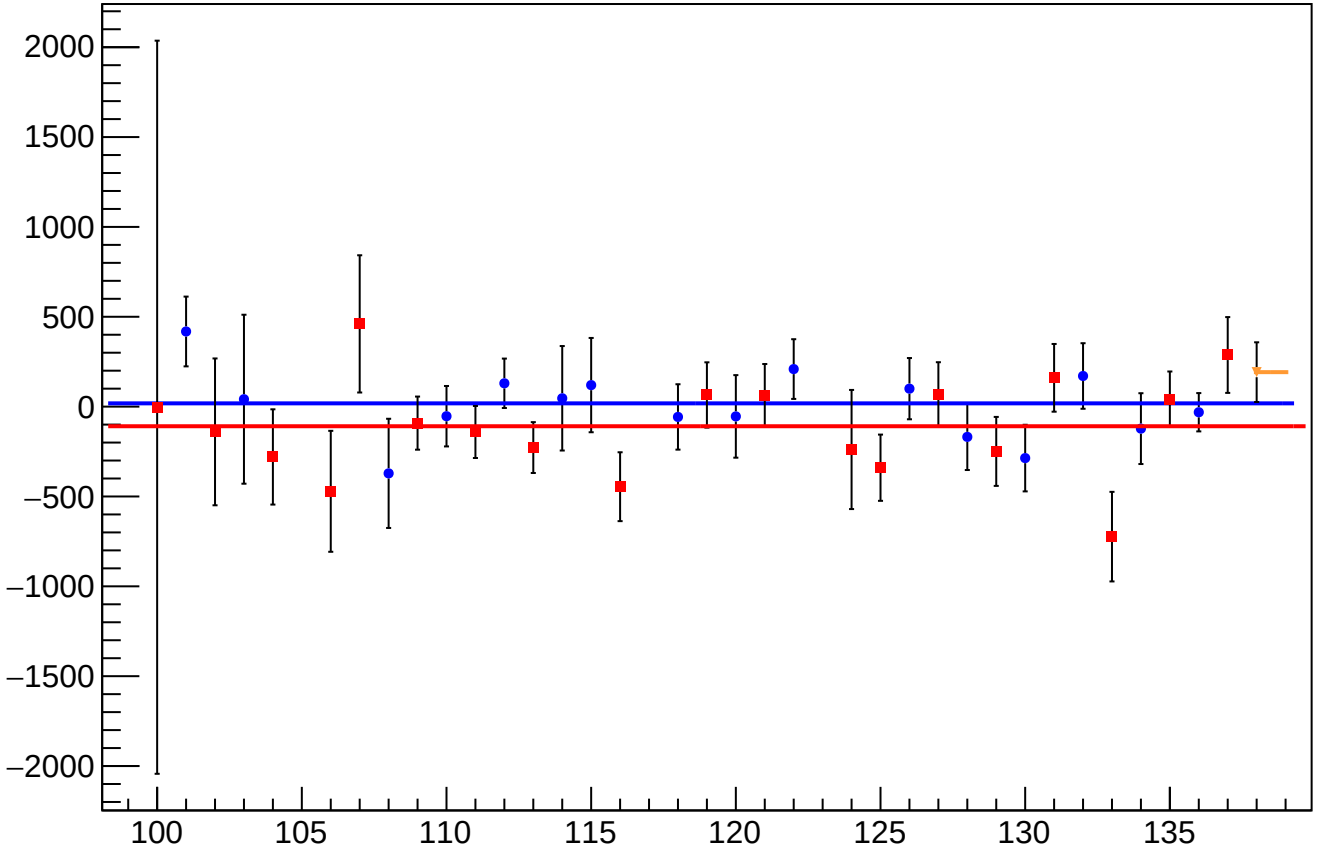
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1551.822+/-0.400 χ^2/NDF: 732014.0/16

All: 1592.018+/-0.294 χ^2/NDF: 1274161.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam3_mean vs Slug



Right In: 18.191+/-45.704 χ^2/NDF: 13.9/15

Left Out: 191.855+/-166.053 χ^2/NDF:0.0/0

Right Out: -109.151+/-45.828 χ^2/NDF: 25.4/18

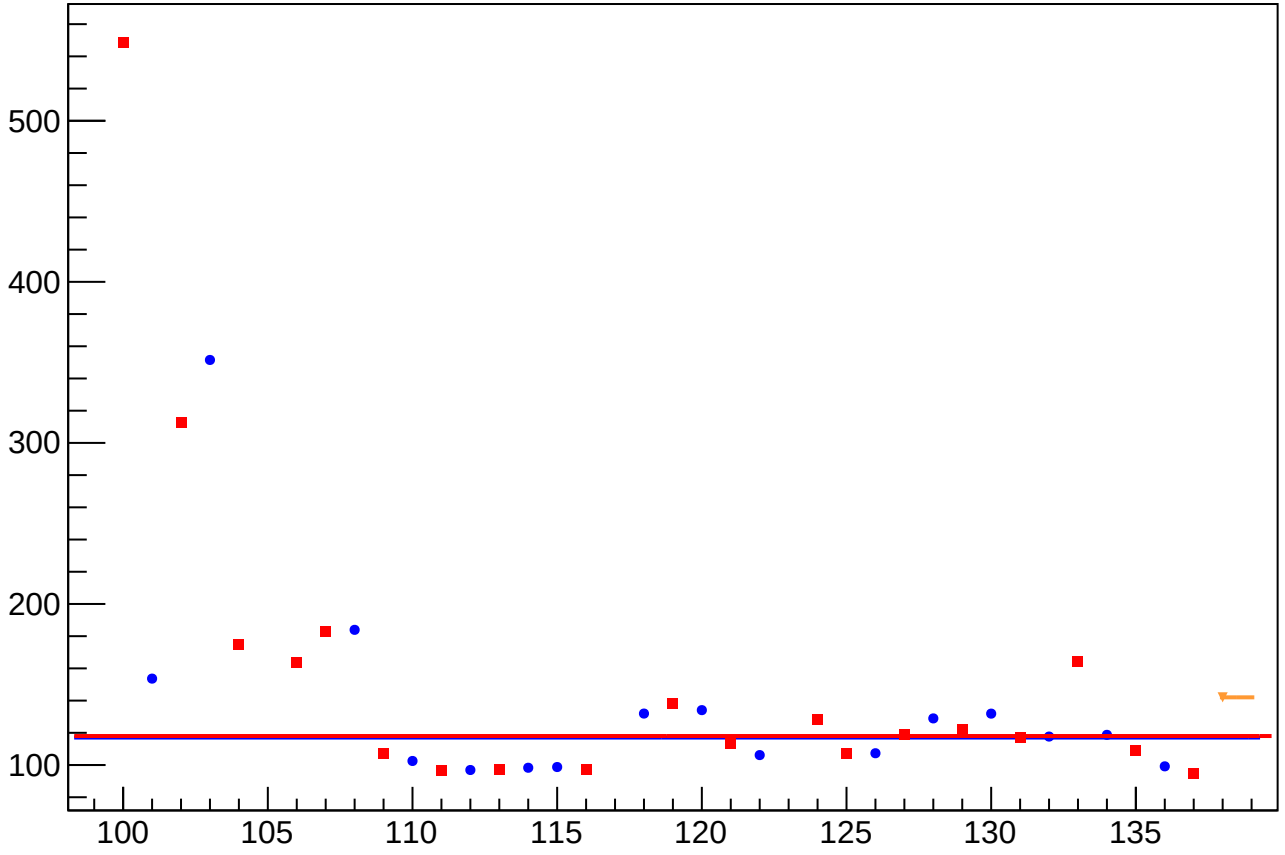
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.421+/-44.065 χ^2/NDF: 14.9/16

All: -36.630+/-31.764 χ^2/NDF: 45.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 117.063+/-0.032 χ^2/NDF: 858402.8/15

Left Out: 142.022+/-0.117 χ^2/NDF:0.0/0

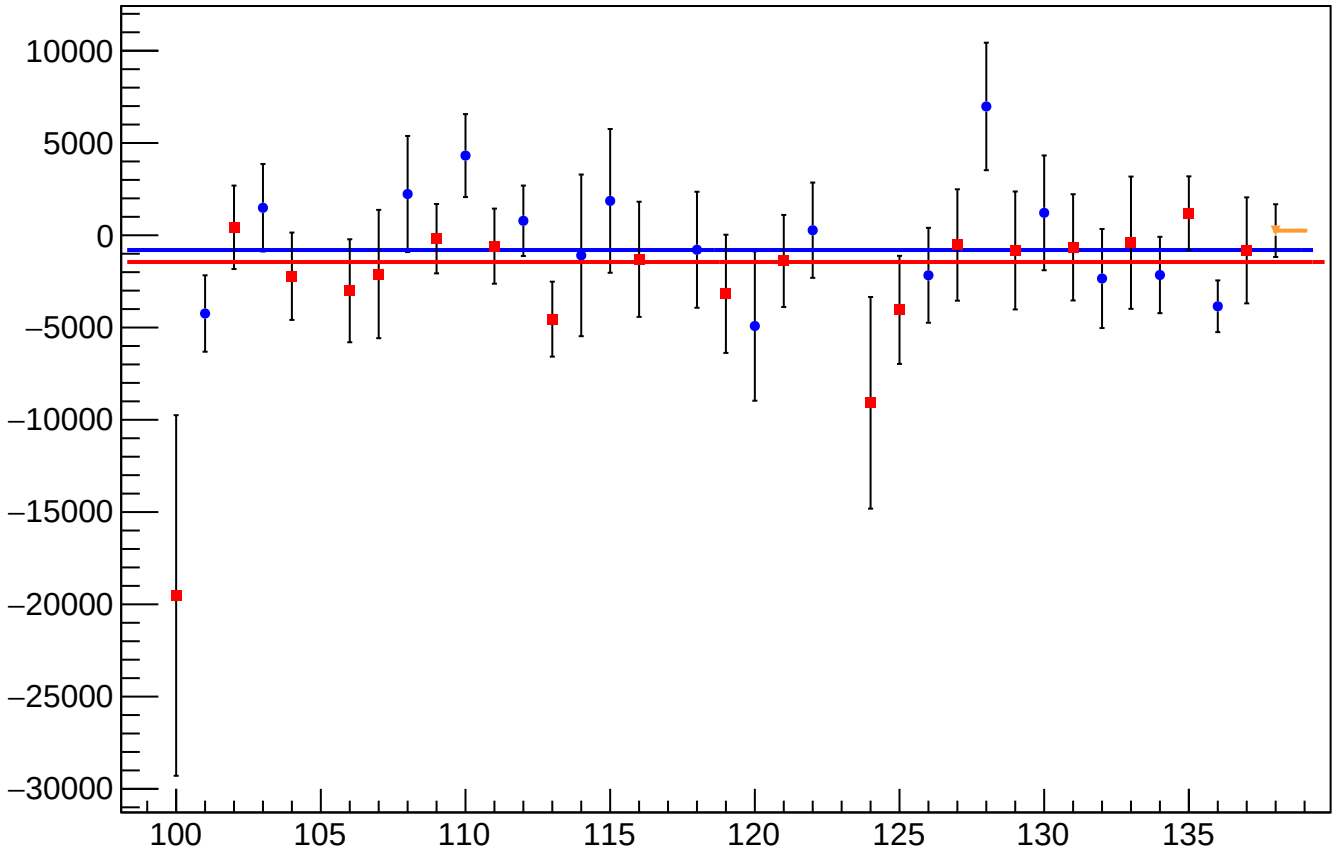
Right Out: 118.006+/-0.032 χ^2/NDF: 986553.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 118.820+/-0.031 χ^2/NDF: 900407.9/16

All: 118.429+/-0.022 χ^2/NDF: 1887290.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -799.116+/-616.014 χ^2/NDF: 23.4/15

Left Out: 251.560+/-1428.261 χ^2/NDF:0.0/0

Right Out: -1448.433+/-614.443 χ^2/NDF: 12.5/18

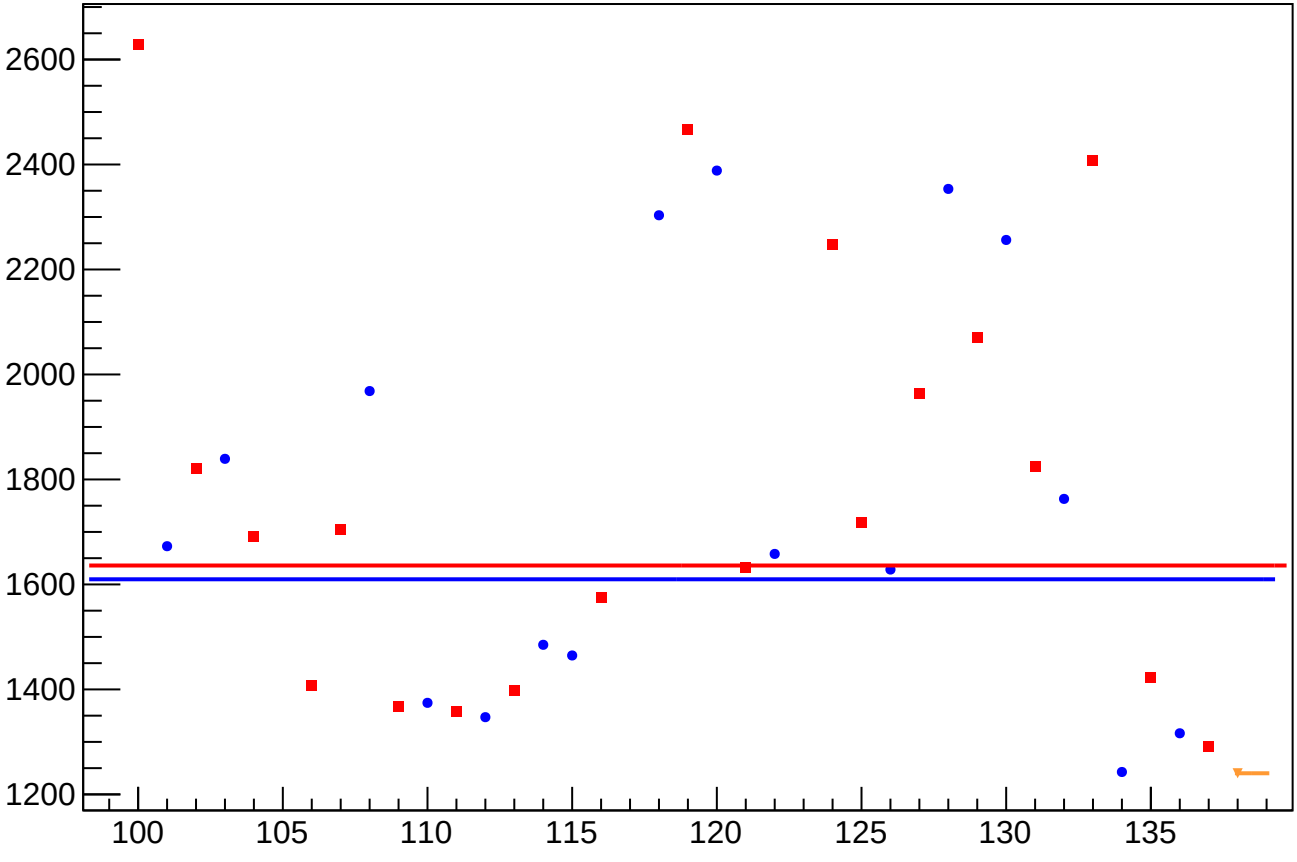
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -634.322+/-565.645 χ^2/NDF: 23.9/16

All: -1007.771+/-416.155 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1609.791+/-0.436 χ^2/NDF: 619158.3/15

Left Out: 1240.246+/-1.010 χ^2/NDF:0.0/0

Right Out: 1636.046+/-0.434 χ^2/NDF: 527809.9/18

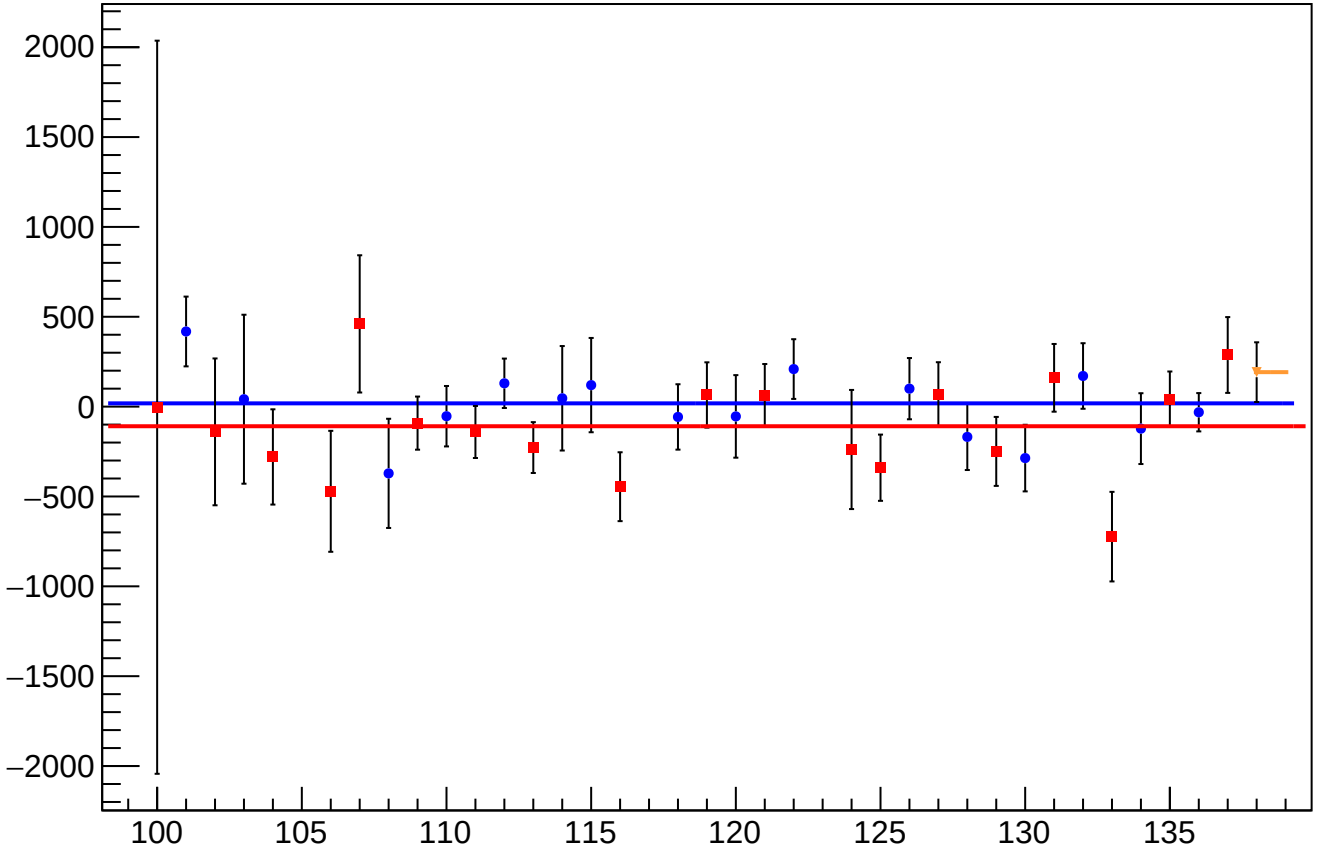
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1551.829+/-0.400 χ^2/NDF: 732048.8/16

All: 1590.461+/-0.294 χ^2/NDF: 1280195.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam3_mean vs Slug



Right In: 18.191+/-45.704 χ^2/NDF: 13.9/15

Left Out: 191.855+/-166.053 χ^2/NDF:0.0/0

Right Out: -109.151+/-45.828 χ^2/NDF: 25.4/18

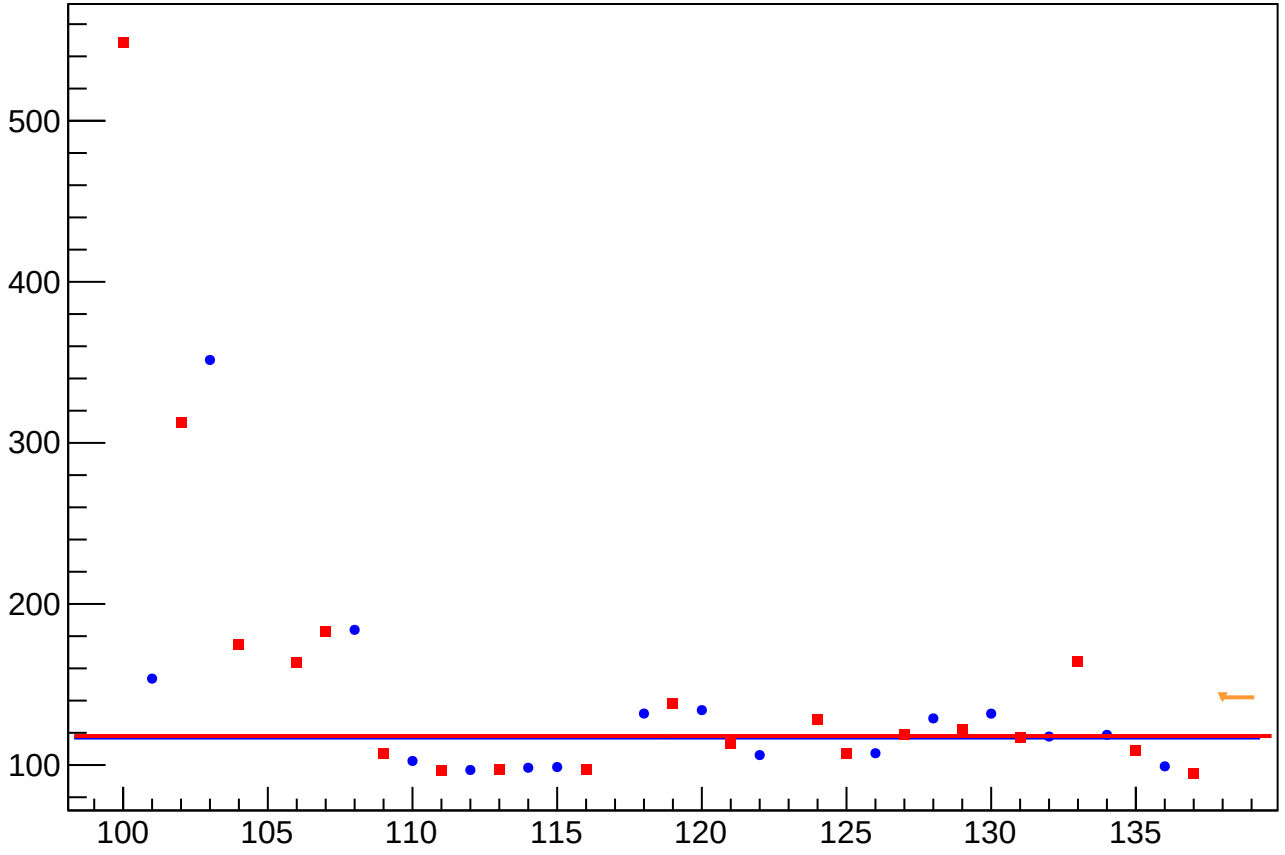
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.421+/-44.065 χ^2/NDF: 14.9/16

All: -36.630+/-31.764 χ^2/NDF: 45.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 117.063+/-0.032 χ^2/NDF: 858402.8/15

Left Out: 142.022+/-0.117 χ^2/NDF:0.0/0

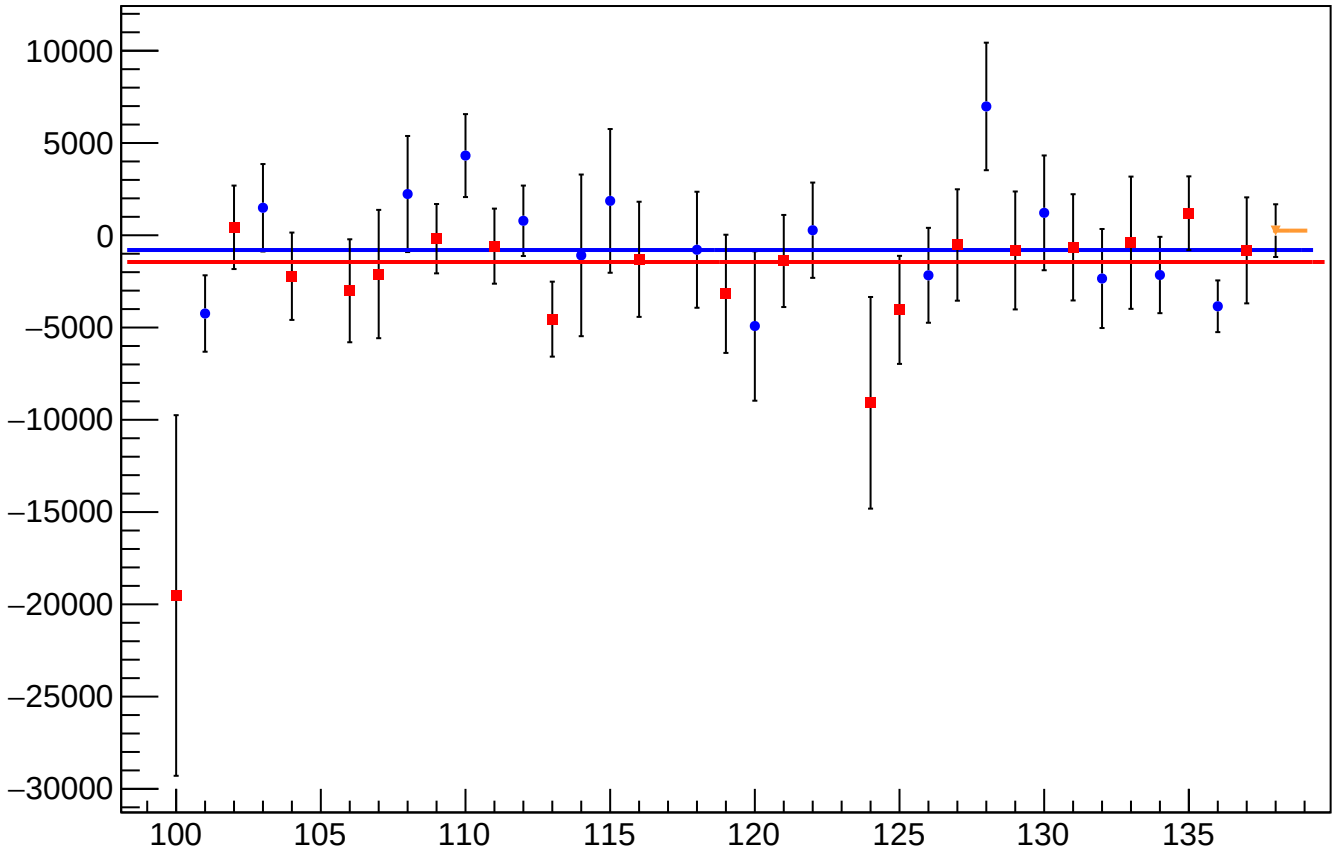
Right Out: 118.006+/-0.032 χ^2/NDF: 986553.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 118.820+/-0.031 χ^2/NDF: 900407.9/16

All: 118.429+/-0.022 χ^2/NDF: 1887290.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -799.116+/-616.014 χ^2/NDF: 23.4/15

Left Out: 251.560+/-1428.261 χ^2/NDF:0.0/0

Right Out: -1448.433+/-614.443 χ^2/NDF: 12.5/18

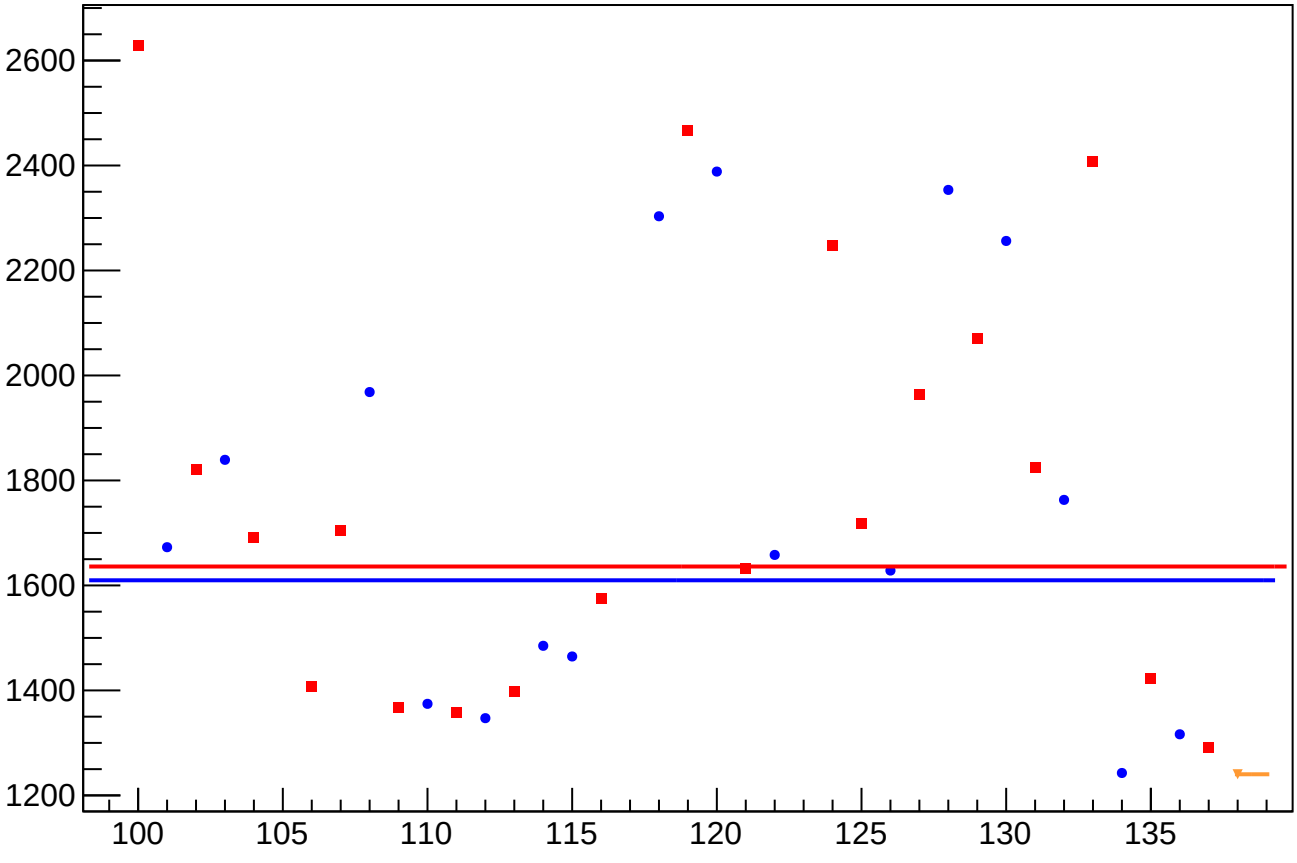
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -634.322+/-565.645 χ^2/NDF: 23.9/16

All: -1007.771+/-416.155 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1609.791+/-0.436 χ^2/NDF: 619158.3/15

Left Out: 1240.246+/-1.010 χ^2/NDF:0.0/0

Right Out: 1636.046+/-0.434 χ^2/NDF: 527809.9/18

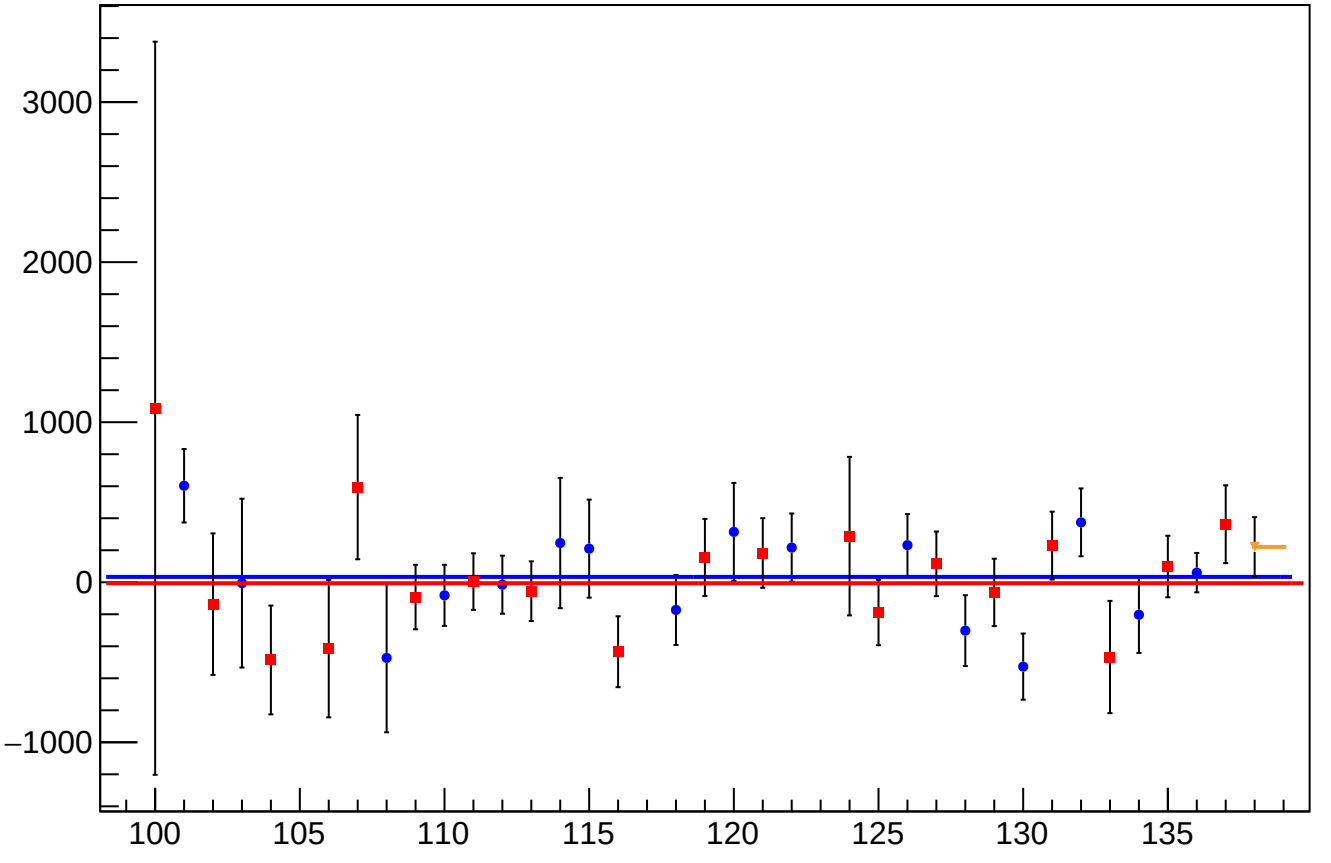
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1551.829+/-0.400 χ^2/NDF: 732048.8/16

All: 1590.461+/-0.294 χ^2/NDF: 1280195.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 33.471+/-54.908 χ^2/NDF: 25.2/15

Left Out: 220.656+/-186.057 χ^2/NDF:0.0/0

Right Out: -6.107+/-56.090 χ^2/NDF: 17.3/18

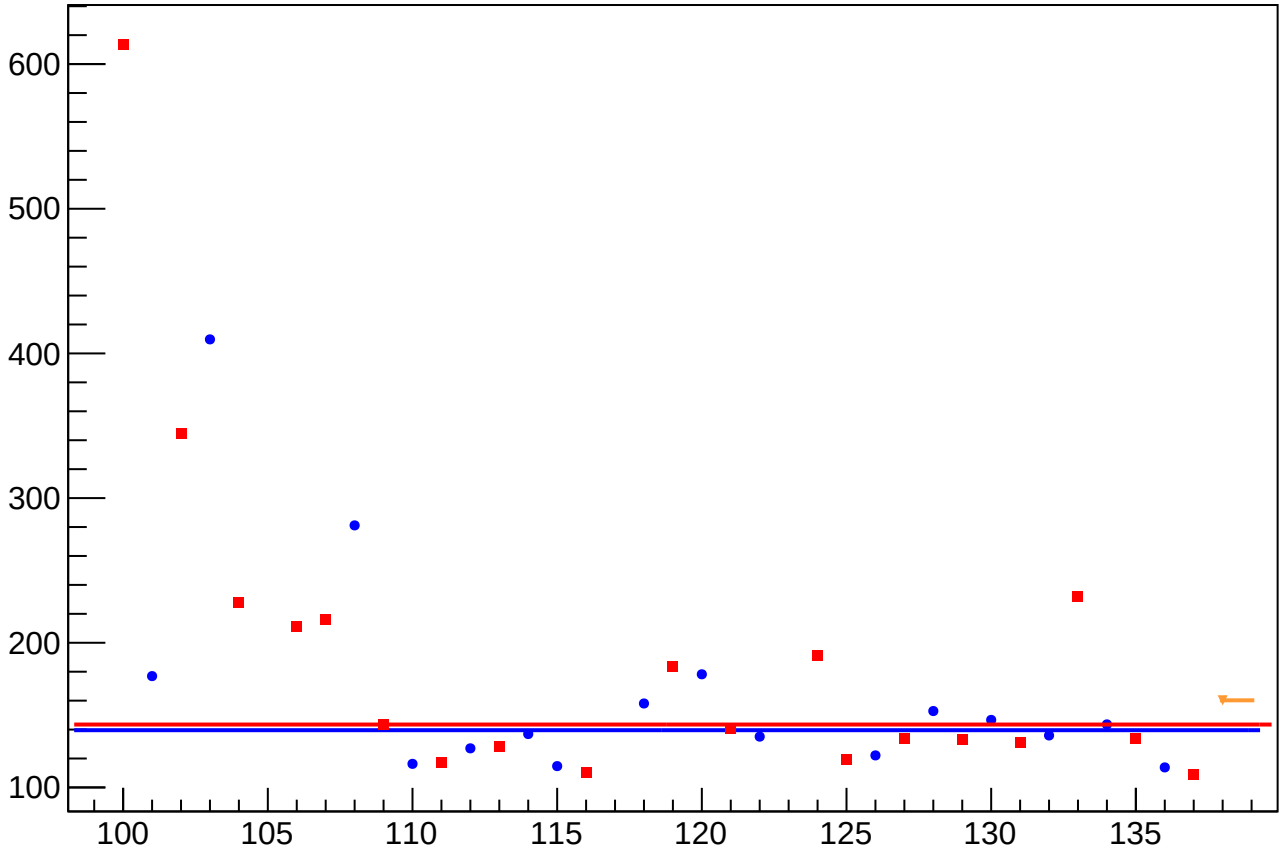
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.467+/-52.662 χ^2/NDF: 26.1/16

All: 22.898+/-38.393 χ^2/NDF: 43.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 139.566+/-0.039 χ^2/NDF: 976734.6/15

Left Out: 160.221+/-0.132 χ^2/NDF:0.0/0

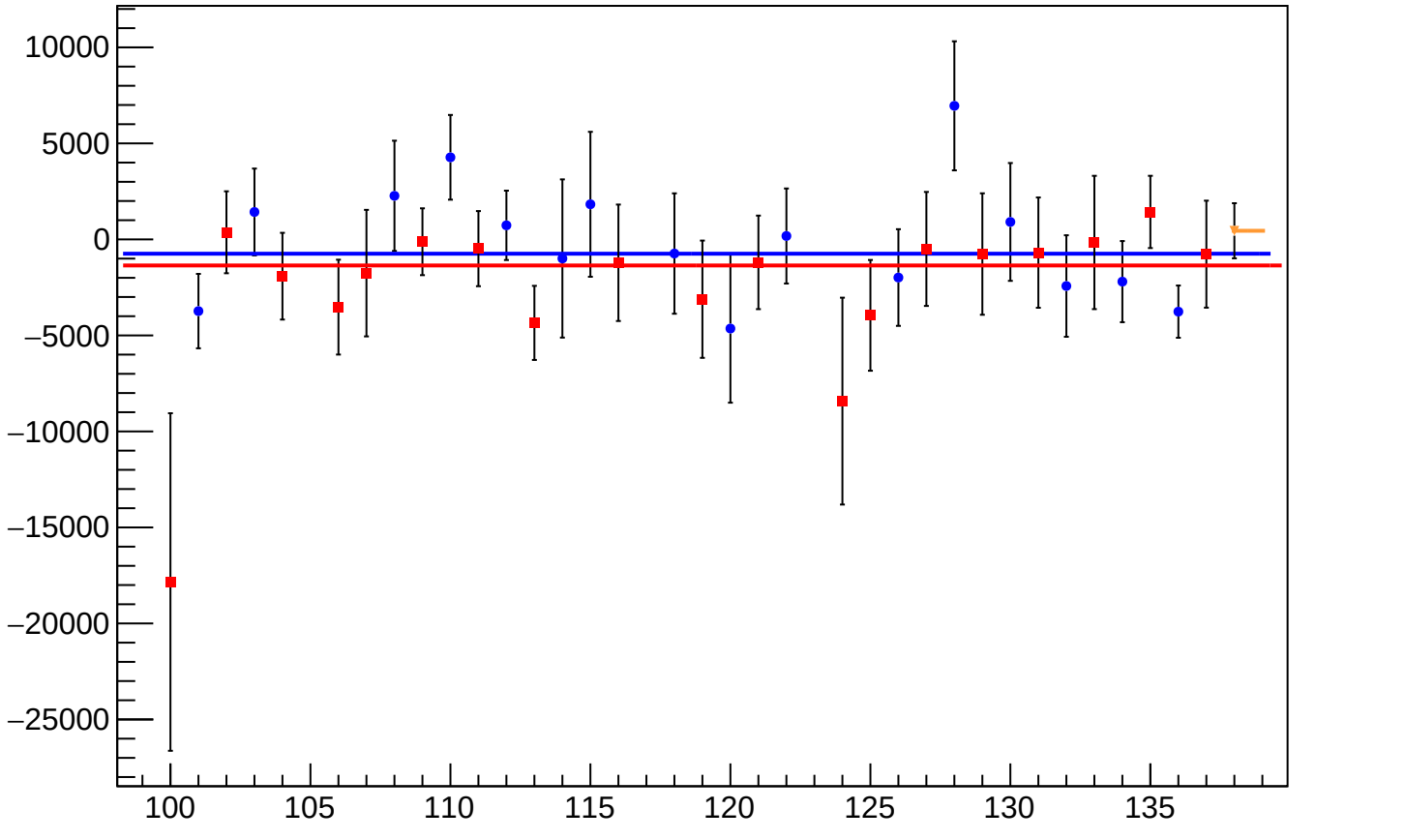
Right Out: 143.479+/-0.040 χ^2/NDF: 1116671.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.221+/-0.037 χ^2/NDF: 999407.9/16

All: 142.279+/-0.027 χ^2/NDF: 2117802.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -744.681+/-595.810 χ^2/NDF: 23.5/15

Left Out: 449.090+/-1435.150 χ^2/NDF:0.0/0

Right Out: -1357.874+/-585.808 χ^2/NDF: 13.5/18

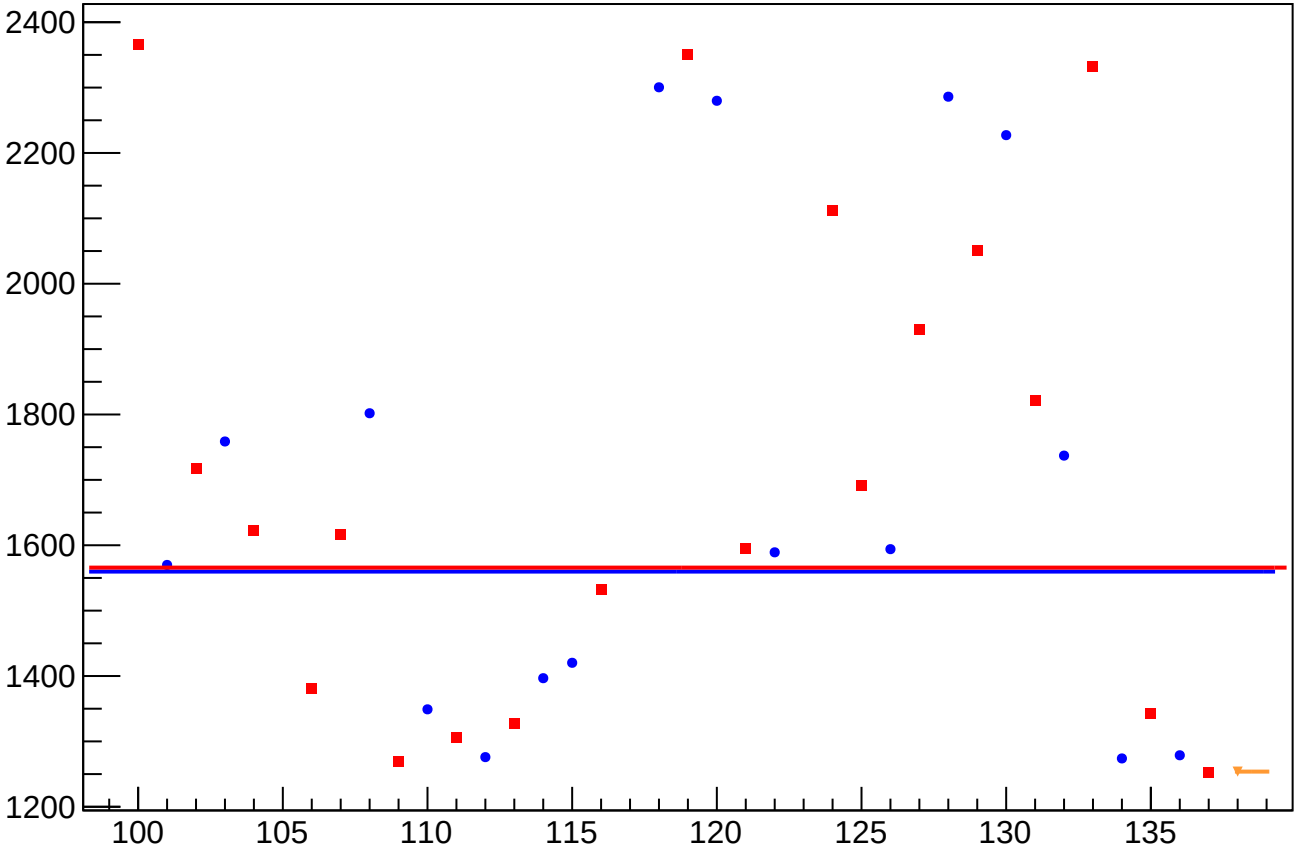
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -569.179+/-550.273 χ^2/NDF: 24.1/16

All: -938.881+/-401.076 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1559.735+/-0.421 χ^2/NDF: 604209.5/15

Left Out: 1253.802+/-1.015 χ^2/NDF:0.0/0

Right Out: 1565.808+/-0.414 χ^2/NDF: 563847.8/18

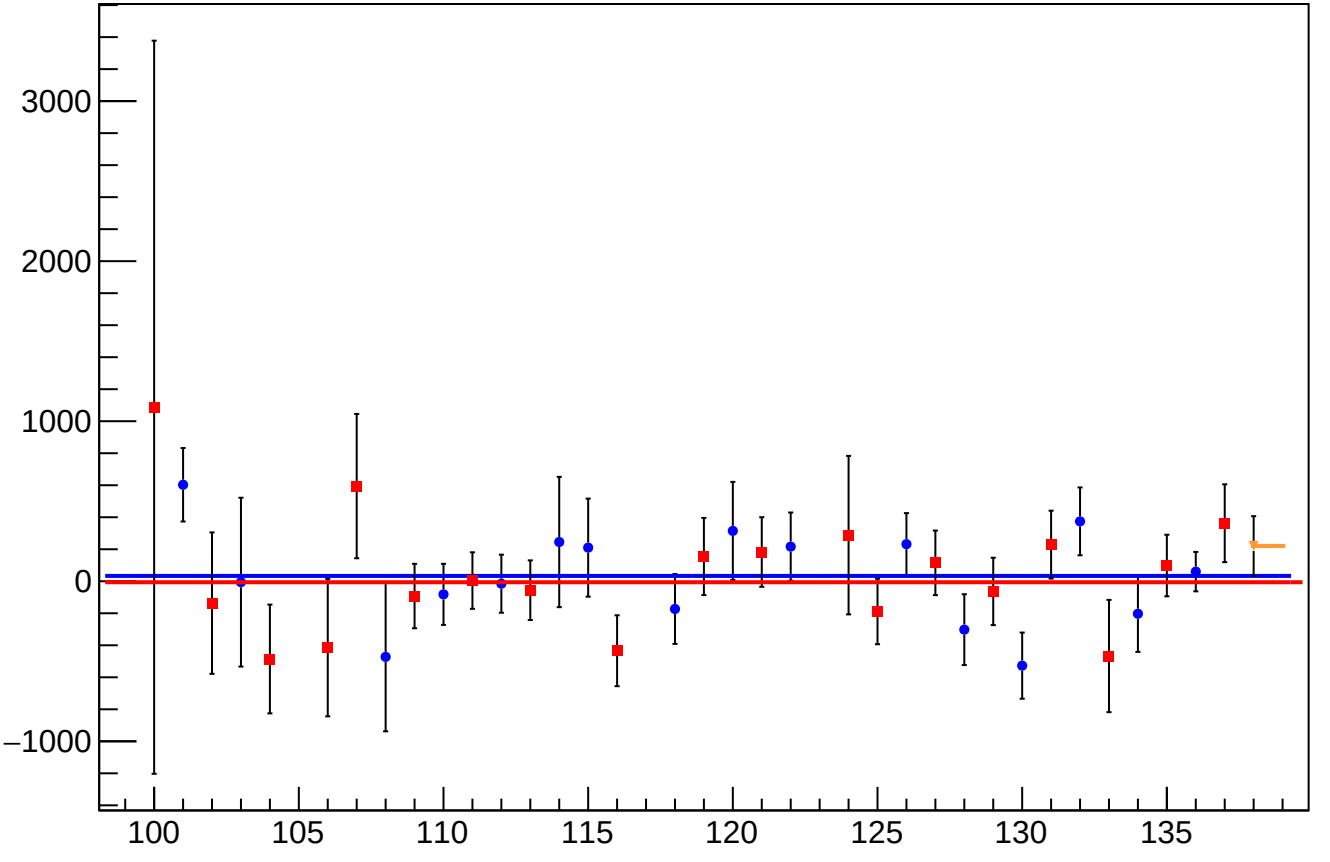
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1514.759+/-0.389 χ^2/NDF: 681732.4/16

All: 1538.688+/-0.284 χ^2/NDF: 1253648.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 33.469+/-54.908 χ^2/NDF: 25.2/15

Left Out: 220.653+/-186.057 χ^2/NDF:0.0/0

Right Out: -6.103+/-56.090 χ^2/NDF: 17.3/18

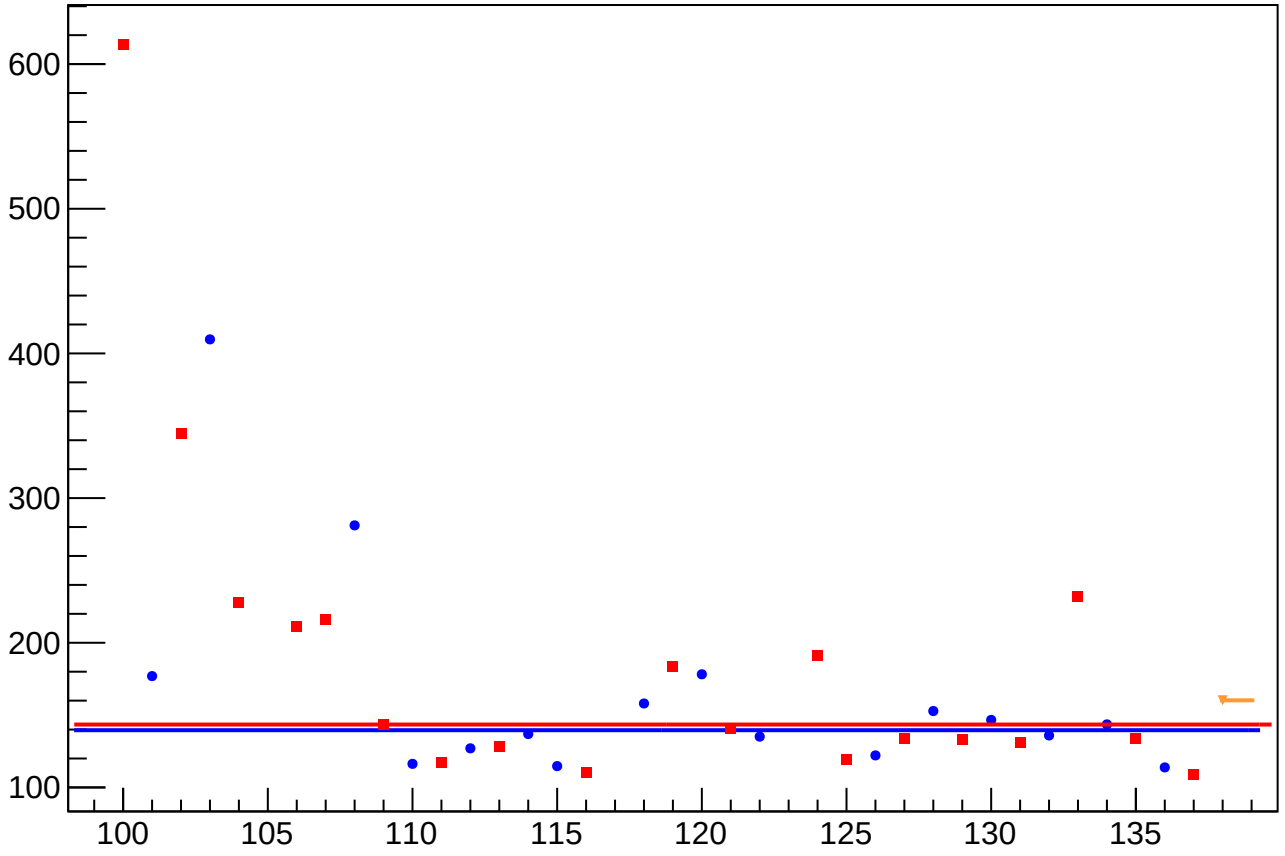
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.465+/-52.662 χ^2/NDF: 26.1/16

All: 22.900+/-38.393 χ^2/NDF: 43.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 139.567+/-0.039 χ^2/NDF: 976737.0/15

Left Out: 160.222+/-0.132 χ^2/NDF:0.0/0

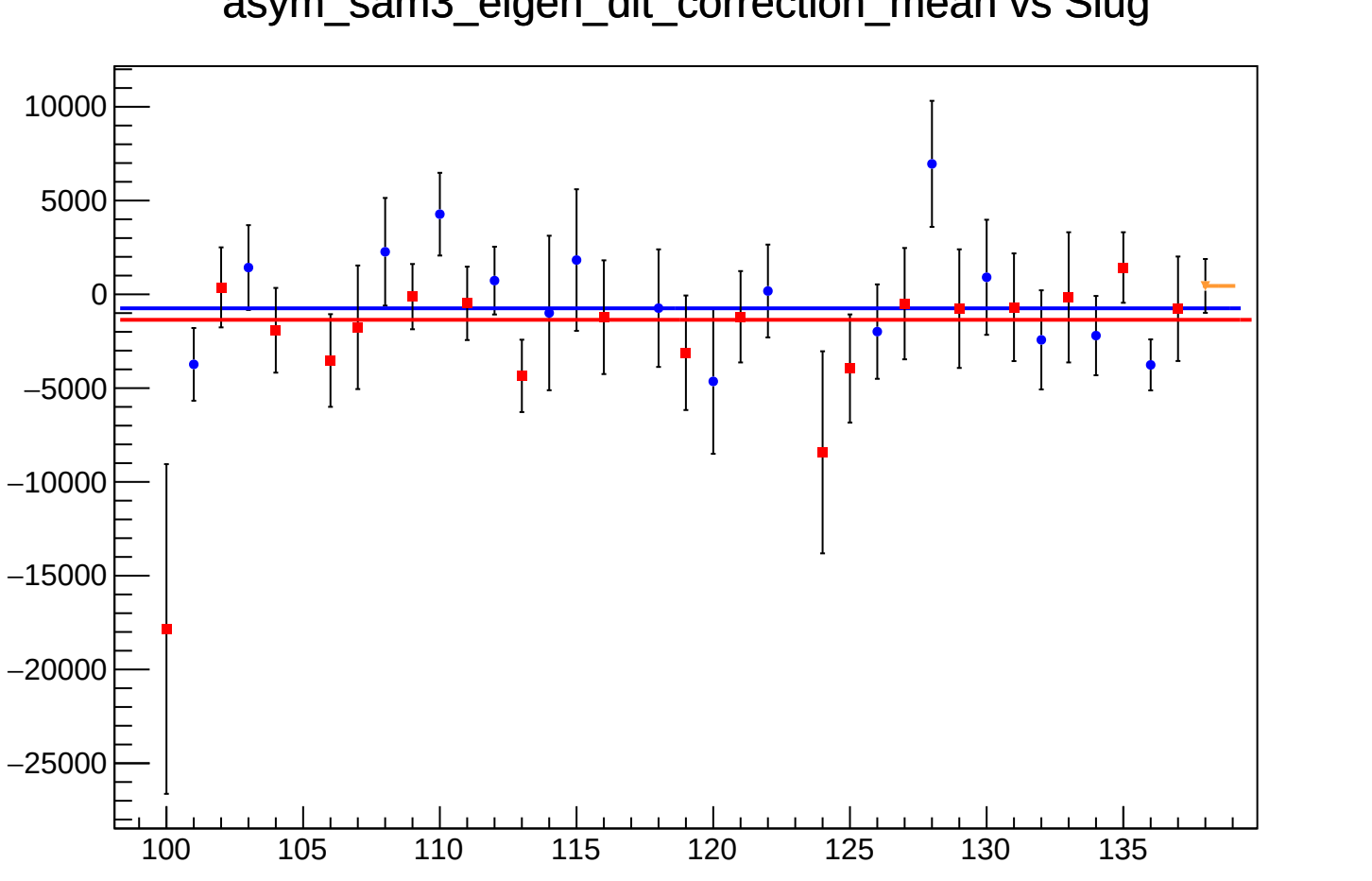
Right Out: 143.480+/-0.040 χ^2/NDF: 1116678.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.222+/-0.037 χ^2/NDF: 999410.3/16

All: 142.280+/-0.027 χ^2/NDF: 2117811.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -744.678+/-595.809 χ^2/NDF: 23.5/15

Left Out: 449.087+/-1435.153 χ^2/NDF:0.0/0

Right Out: -1357.874+/-585.807 χ^2/NDF: 13.5/18

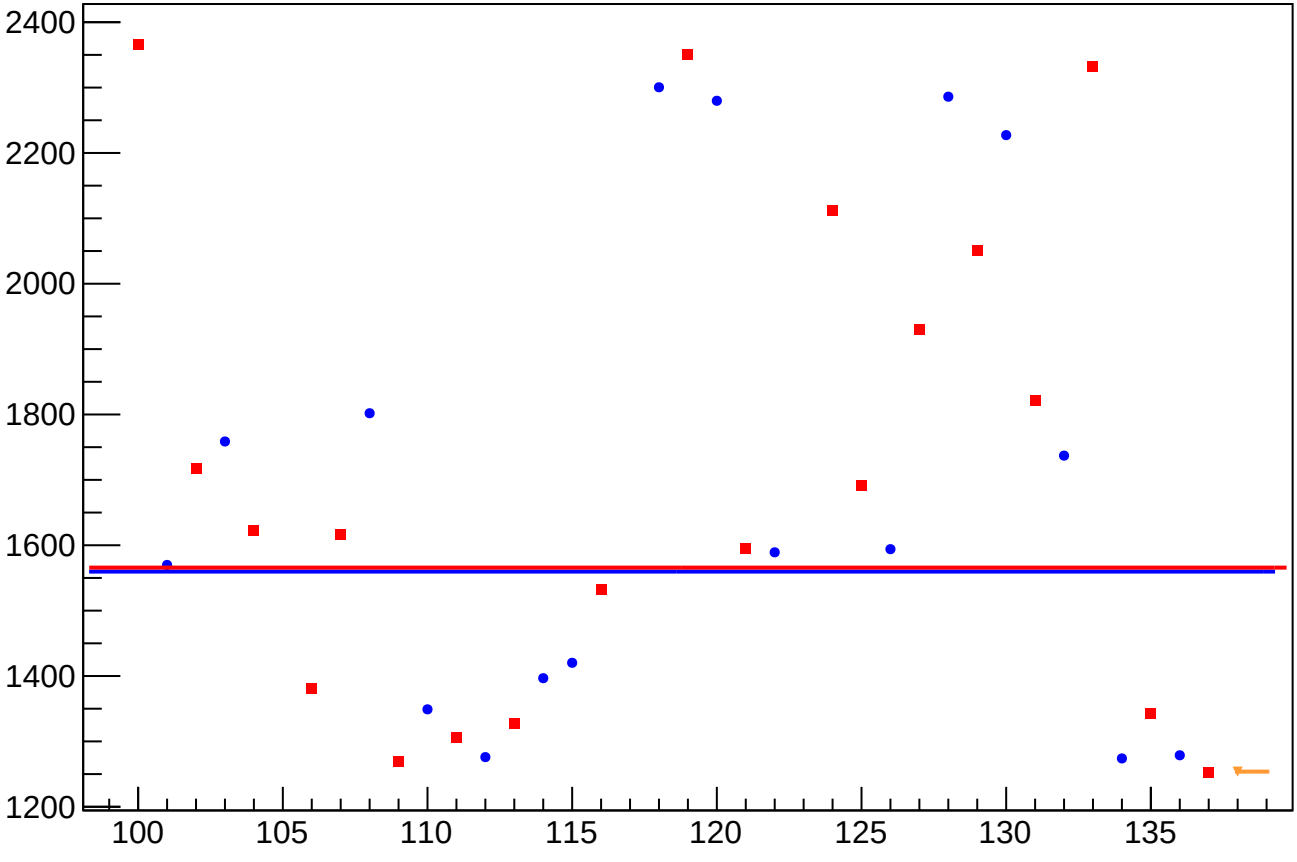
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -569.178+/-550.273 χ^2/NDF: 24.1/16

All: -938.881+/-401.076 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1559.734+/-0.421 χ^2/NDF: 604209.8/15

Left Out: 1253.805+/-1.015 χ^2/NDF:0.0/0

Right Out: 1565.806+/-0.414 χ^2/NDF: 563845.7/18

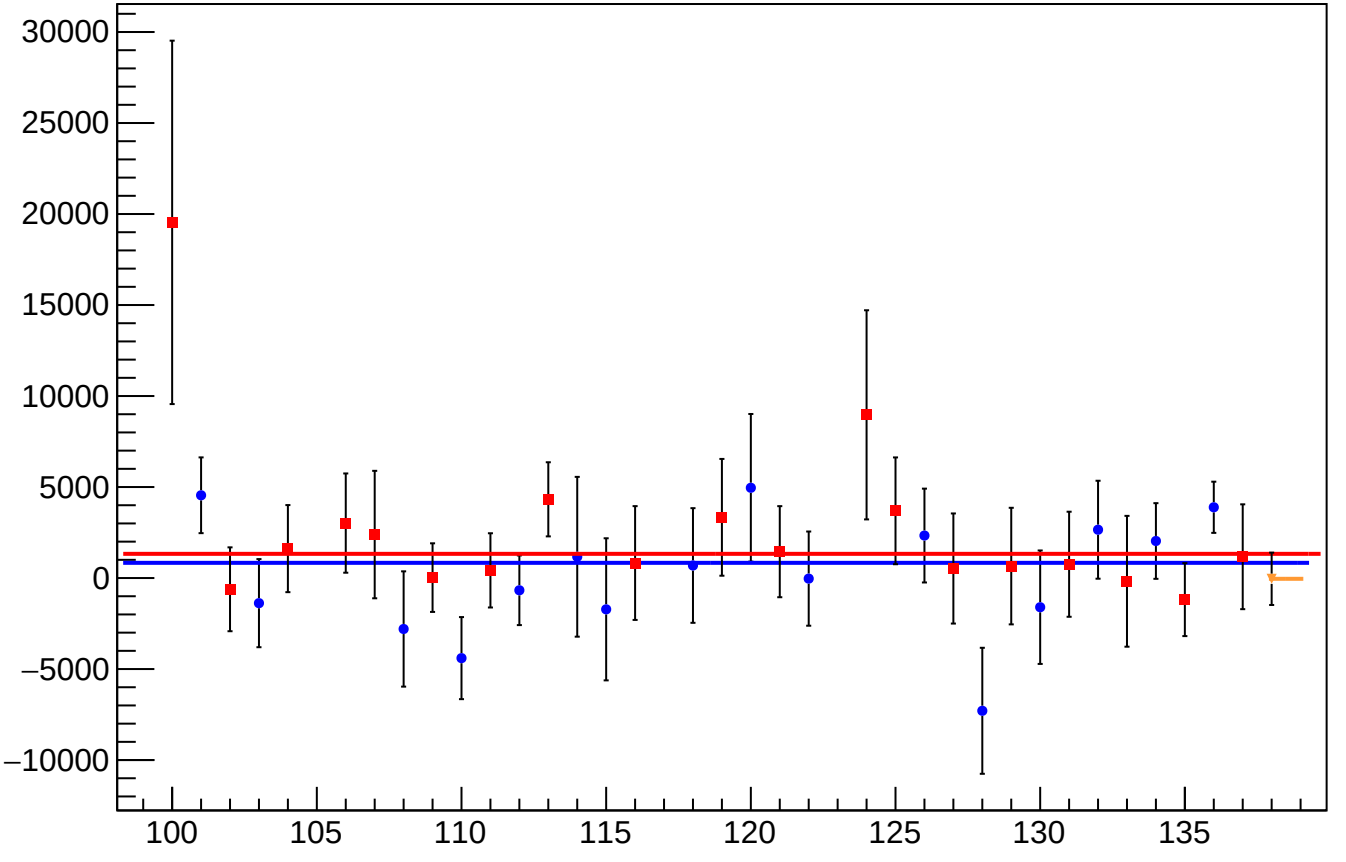
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1514.758+/-0.389 χ^2/NDF: 681730.4/16

All: 1538.687+/-0.284 χ^2/NDF: 1253644.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_mean vs Slug



Right In: 835.496+/-618.780 χ^2/NDF: 24.9/15

Left Out: -42.018+/-1438.179 χ^2/NDF:0.0/0

Right Out: 1329.538+/-616.428 χ^2/NDF: 12.1/18

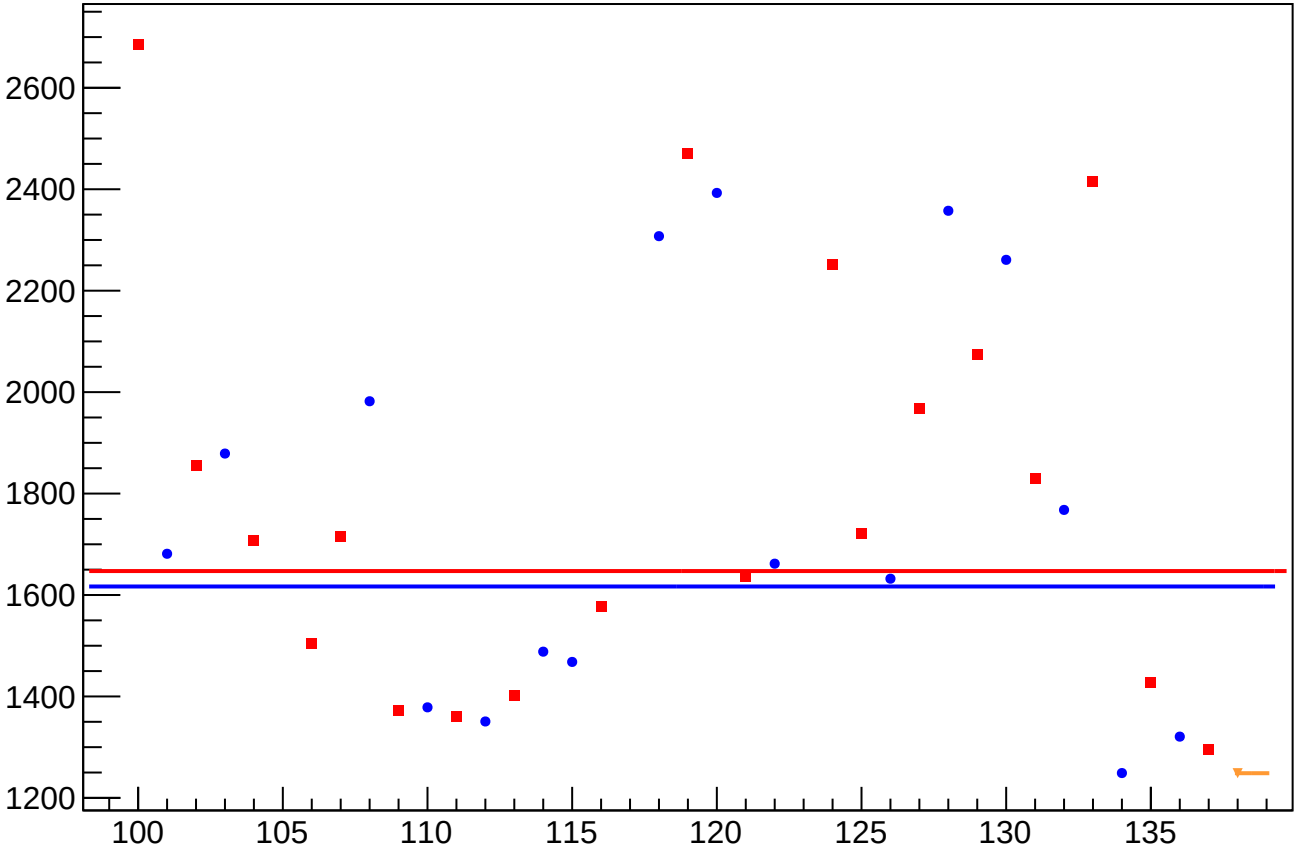
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 698.427+/-568.402 χ^2/NDF: 25.2/16

All: 988.443+/-417.869 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_rms vs Slug



Right In: 1616.804+/-0.438 χ^2/NDF: 622271.0/15

Left Out: 1248.669+/-1.017 χ^2/NDF:0.0/0

Right Out: 1647.227+/-0.436 χ^2/NDF: 523860.9/18

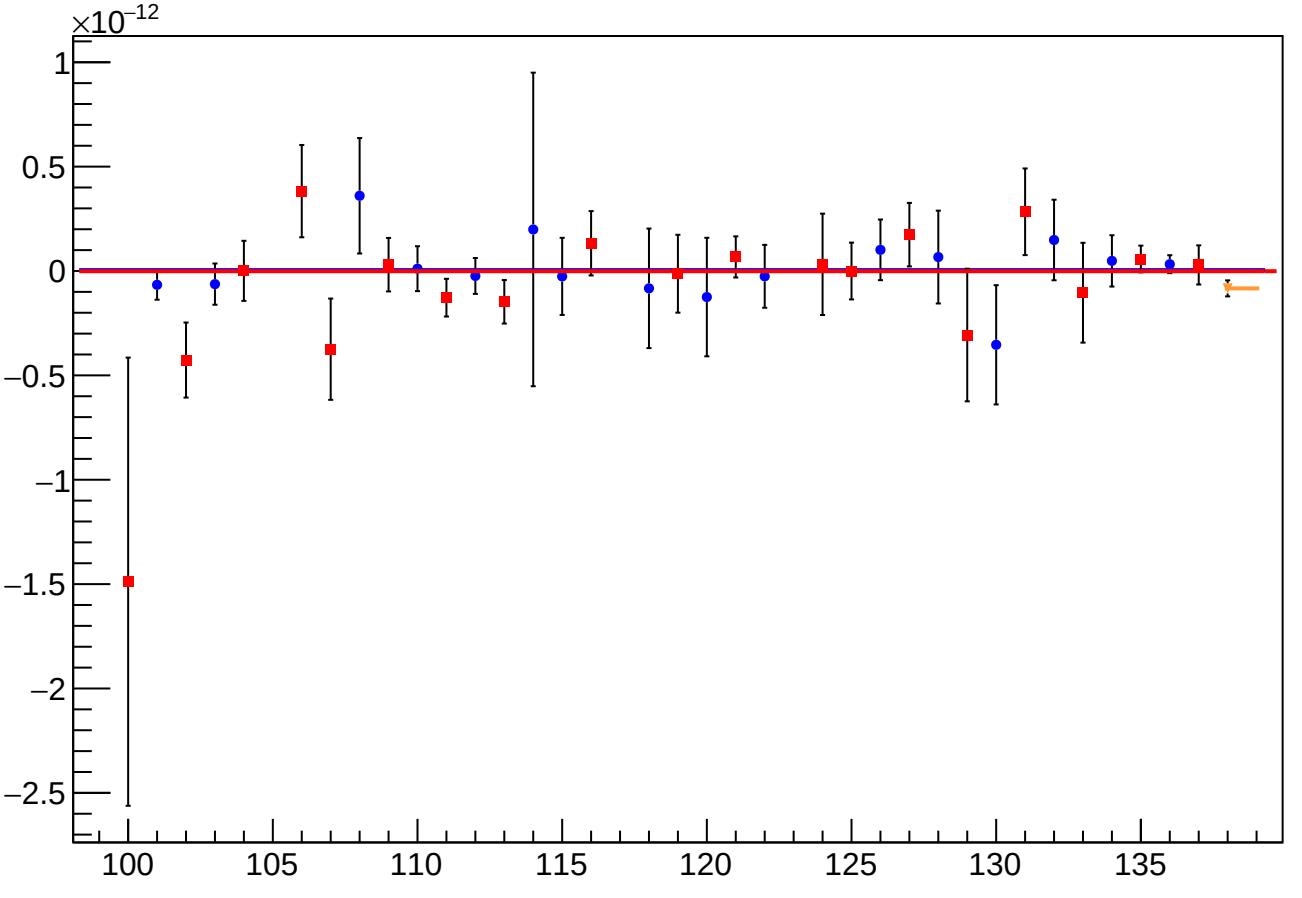
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1559.301+/-0.402 χ^2/NDF: 732846.3/16

All: 1599.706+/-0.295 χ^2/NDF: 1278699.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 6.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

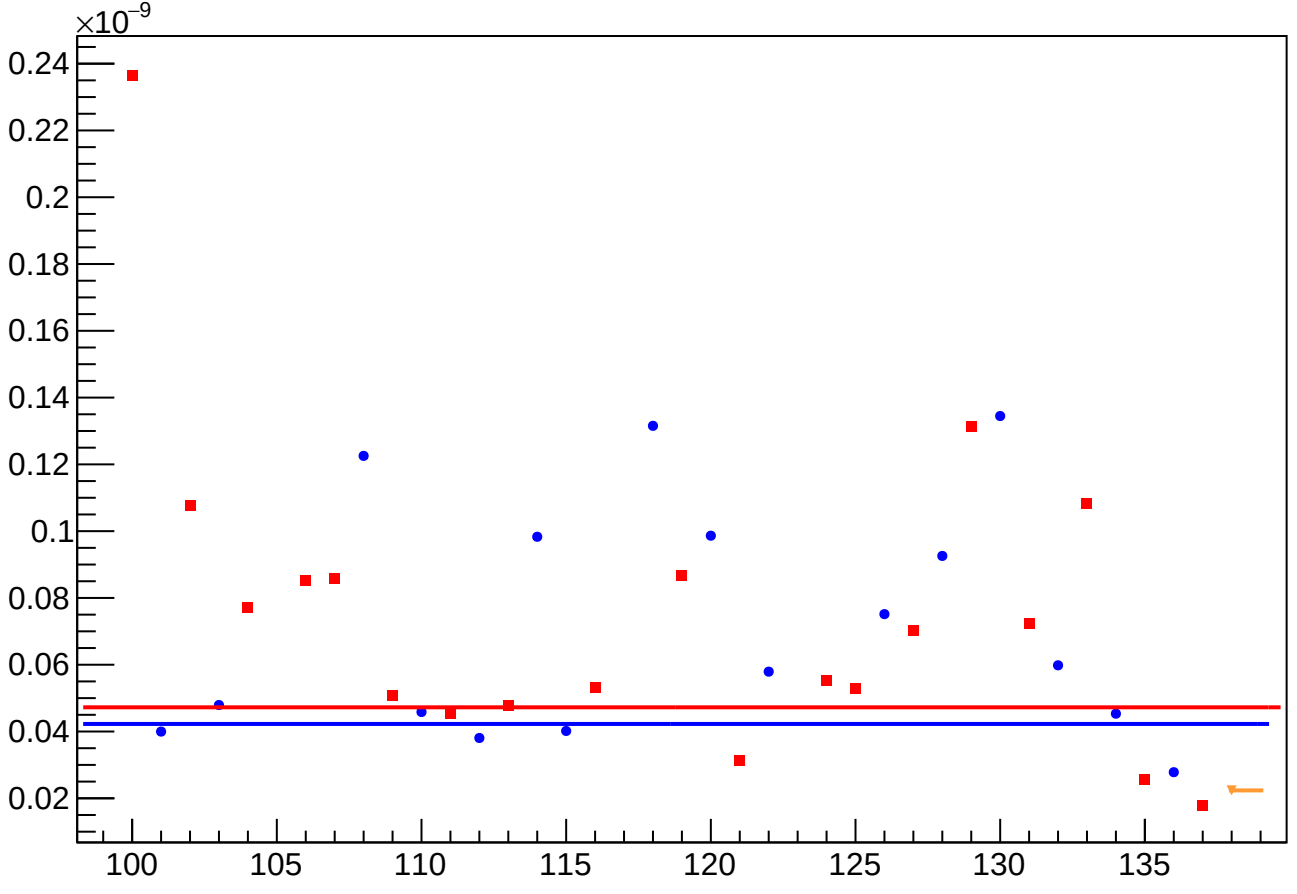
Right Out: -0.000+/-0.000 χ^2/NDF: 23.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 10.3/16

All: -0.000+/-0.000 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1147920.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1410595.6/18

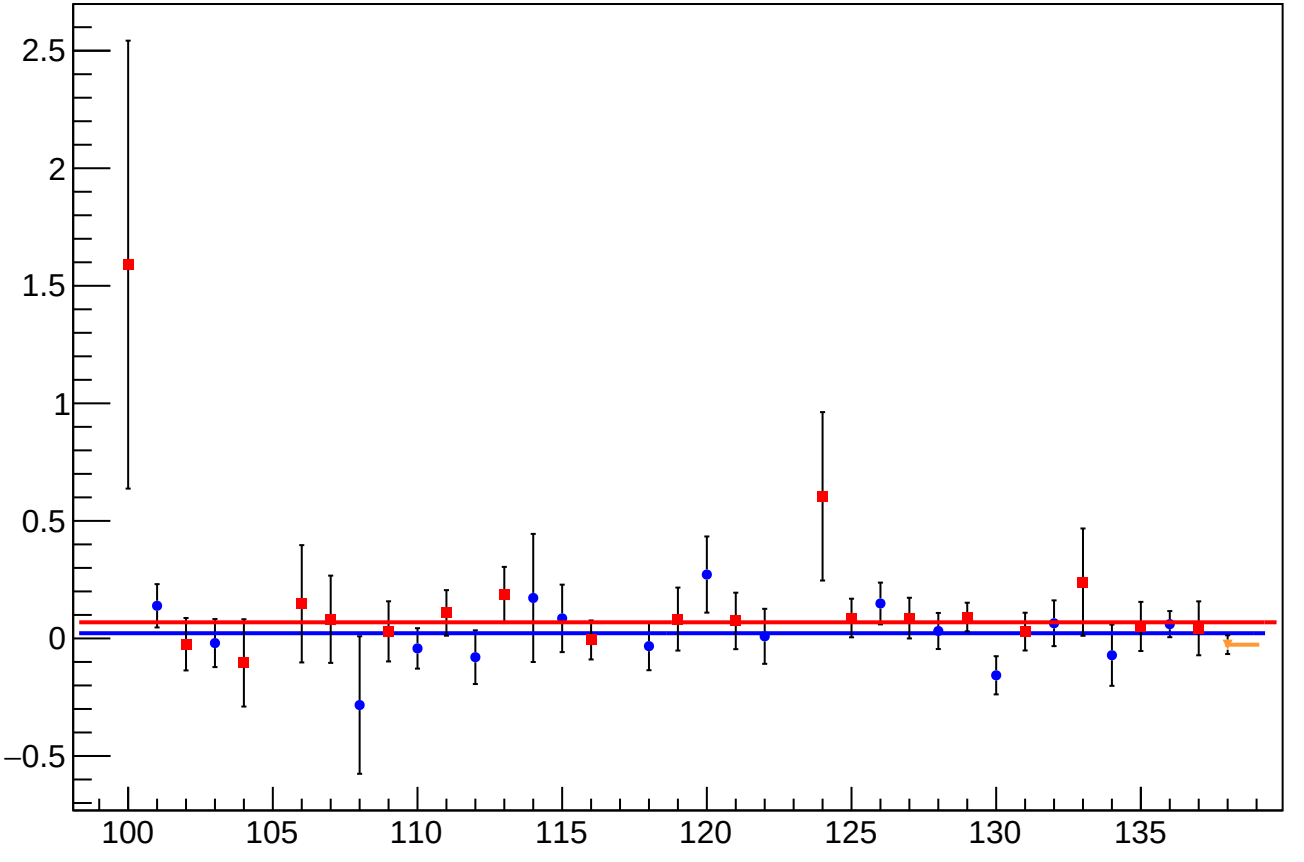
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1504800.9/16

All: 0.000+/-0.000 χ^2/NDF: 3107191.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.022+/-0.025 χ^2/NDF: 15.5/15

Left Out: -0.027+/-0.040 χ^2/NDF:0.0/0

Right Out: 0.069+/-0.025 χ^2/NDF: 9.6/18

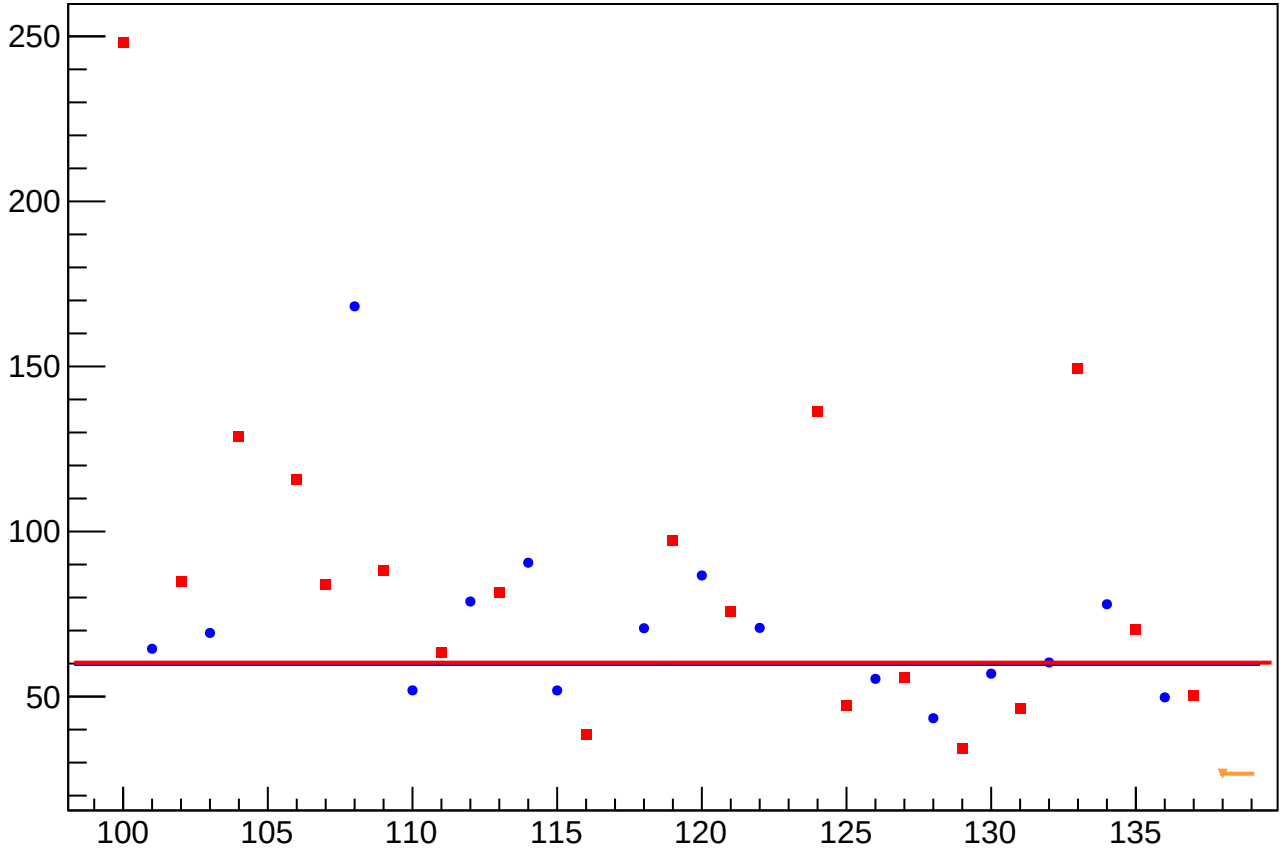
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.021 χ^2/NDF: 16.6/16

All: 0.033+/-0.016 χ^2/NDF: 29.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 59.867+/-0.017 χ^2/NDF: 698954.5/15

Left Out: 26.635+/-0.028 χ^2/NDF:0.0/0

Right Out: 60.278+/-0.018 χ^2/NDF: 1977220.6/18

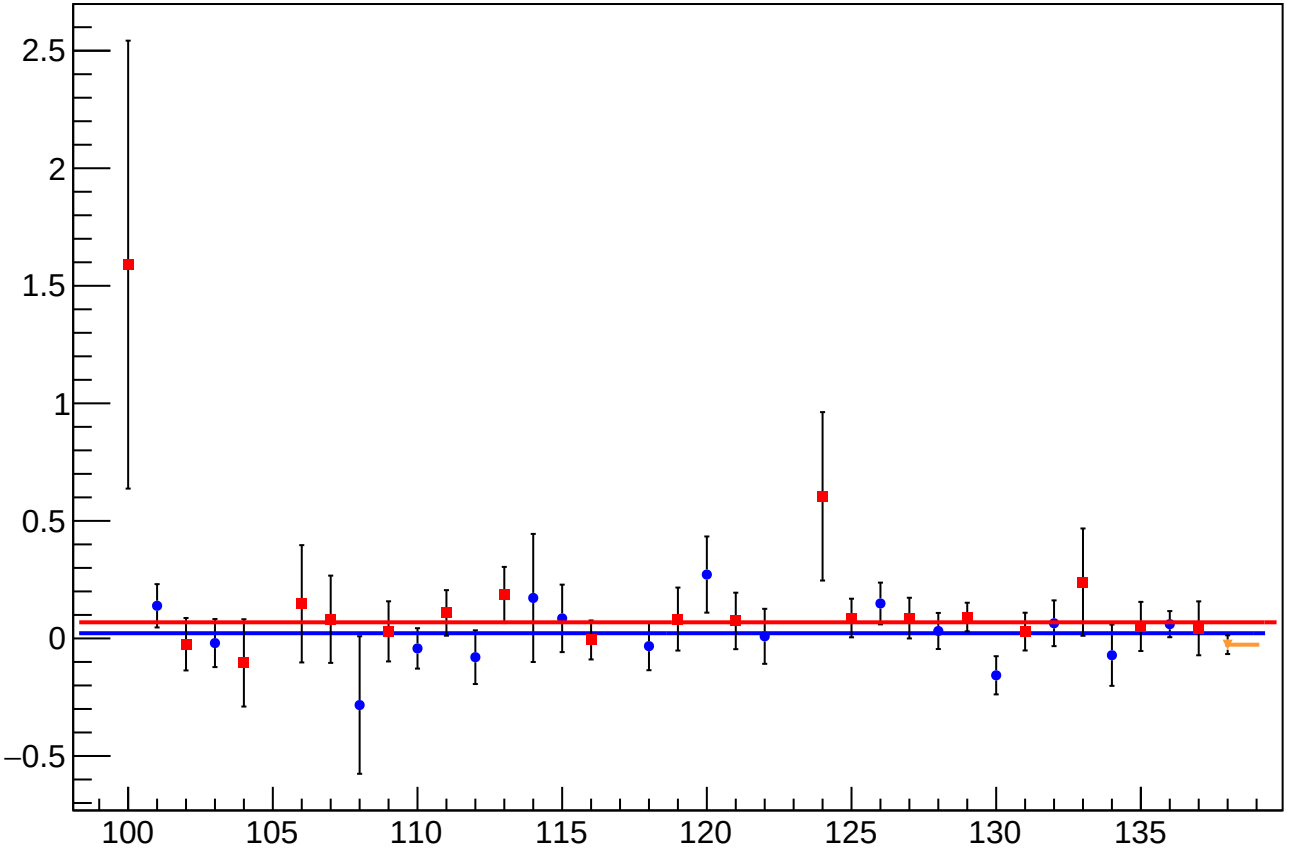
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 50.651+/-0.015 χ^2/NDF: 1705070.7/16

All: 54.577+/-0.011 χ^2/NDF: 3854077.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022+/-0.025 χ^2/NDF: 15.5/15

Left Out: -0.027+/-0.040 χ^2/NDF:0.0/0

Right Out: 0.069+/-0.025 χ^2/NDF: 9.6/18

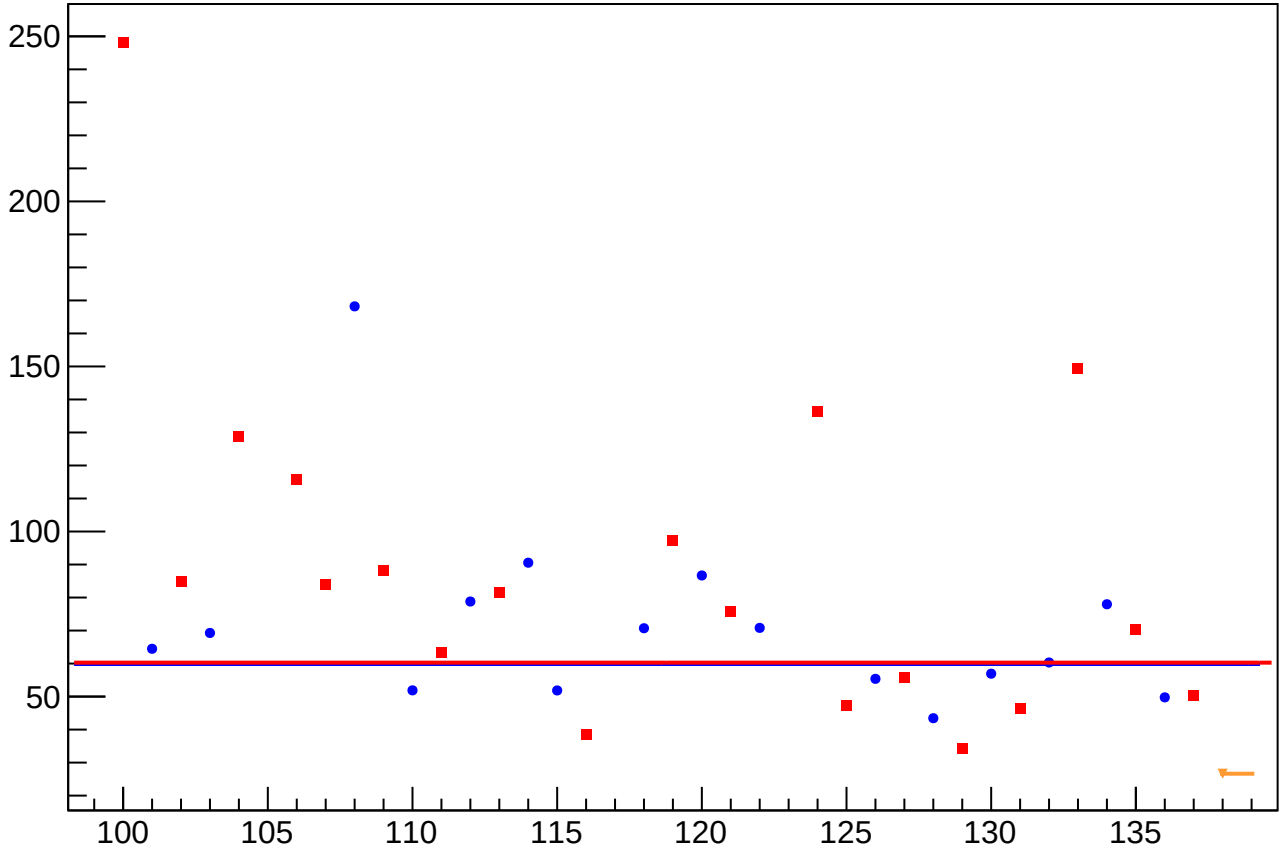
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.021 χ^2/NDF: 16.6/16

All: 0.033+/-0.016 χ^2/NDF: 29.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 59.867+/-0.017 χ^2/NDF: 698954.5/15

Left Out: 26.635+/-0.028 χ^2/NDF:0.0/0

Right Out: 60.278+/-0.018 χ^2/NDF: 1977220.6/18

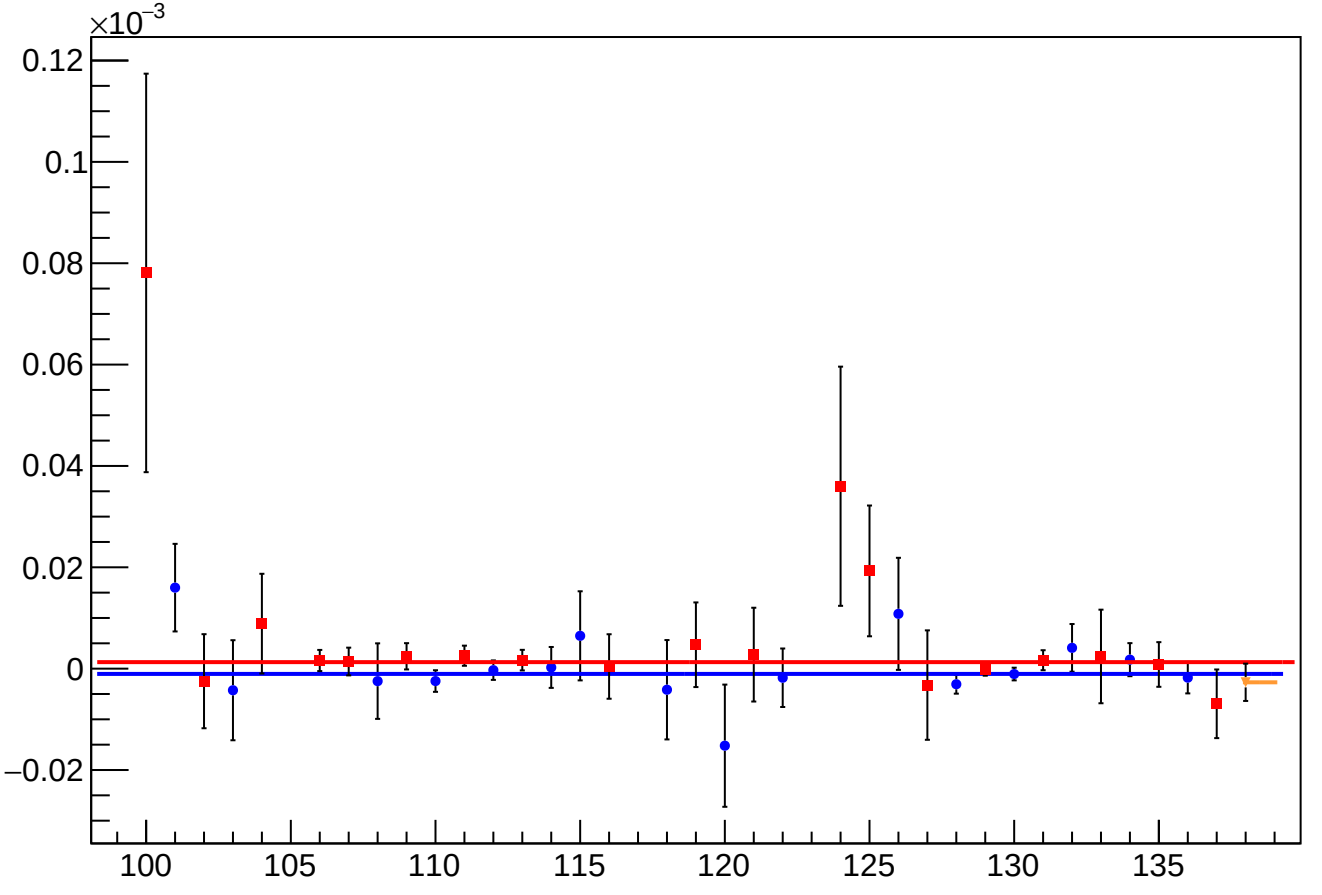
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 50.651+/-0.015 χ^2/NDF: 1705070.7/16

All: 54.577+/-0.011 χ^2/NDF: 3854077.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 11.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

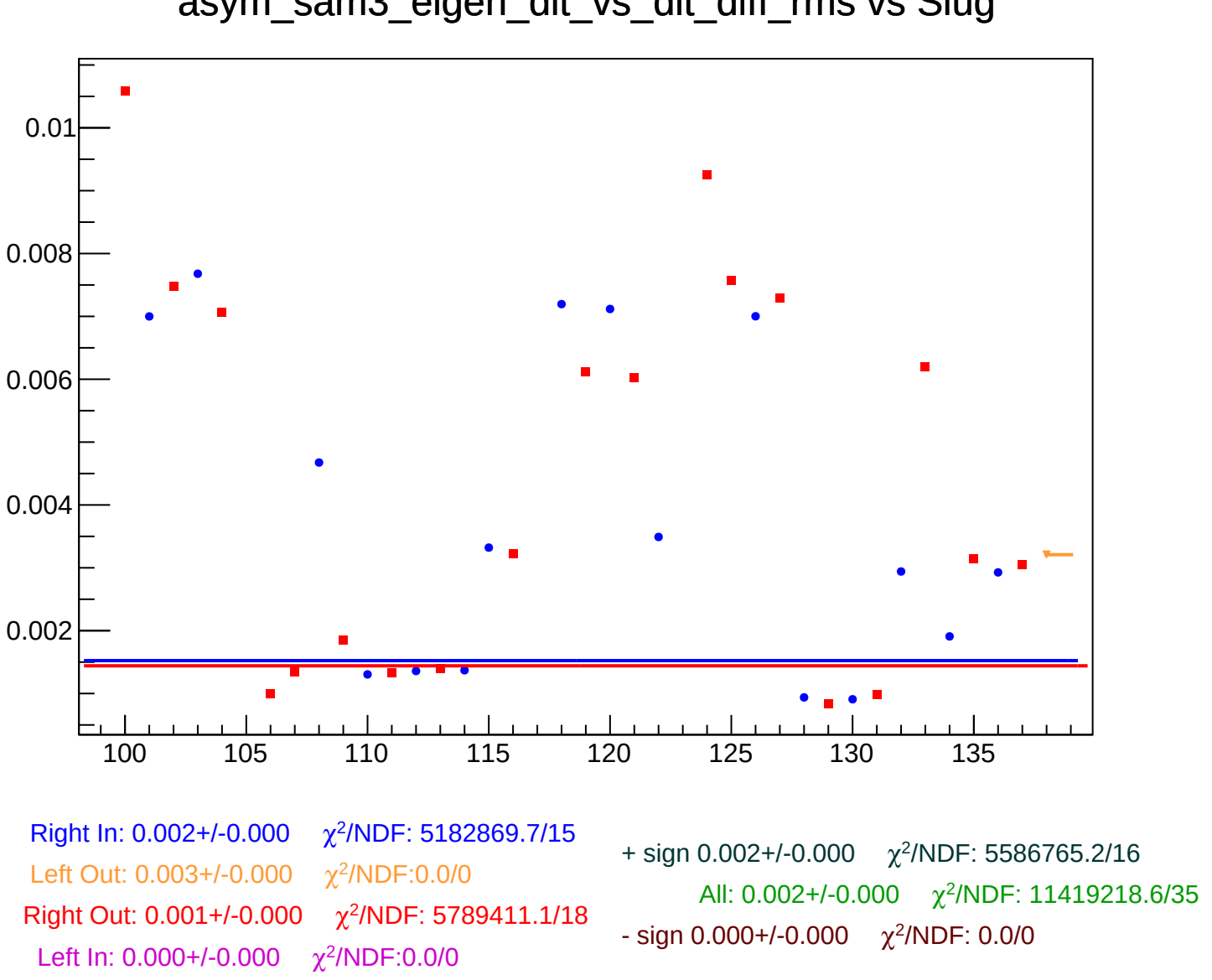
Right Out: 0.000+/-0.000 χ^2/NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

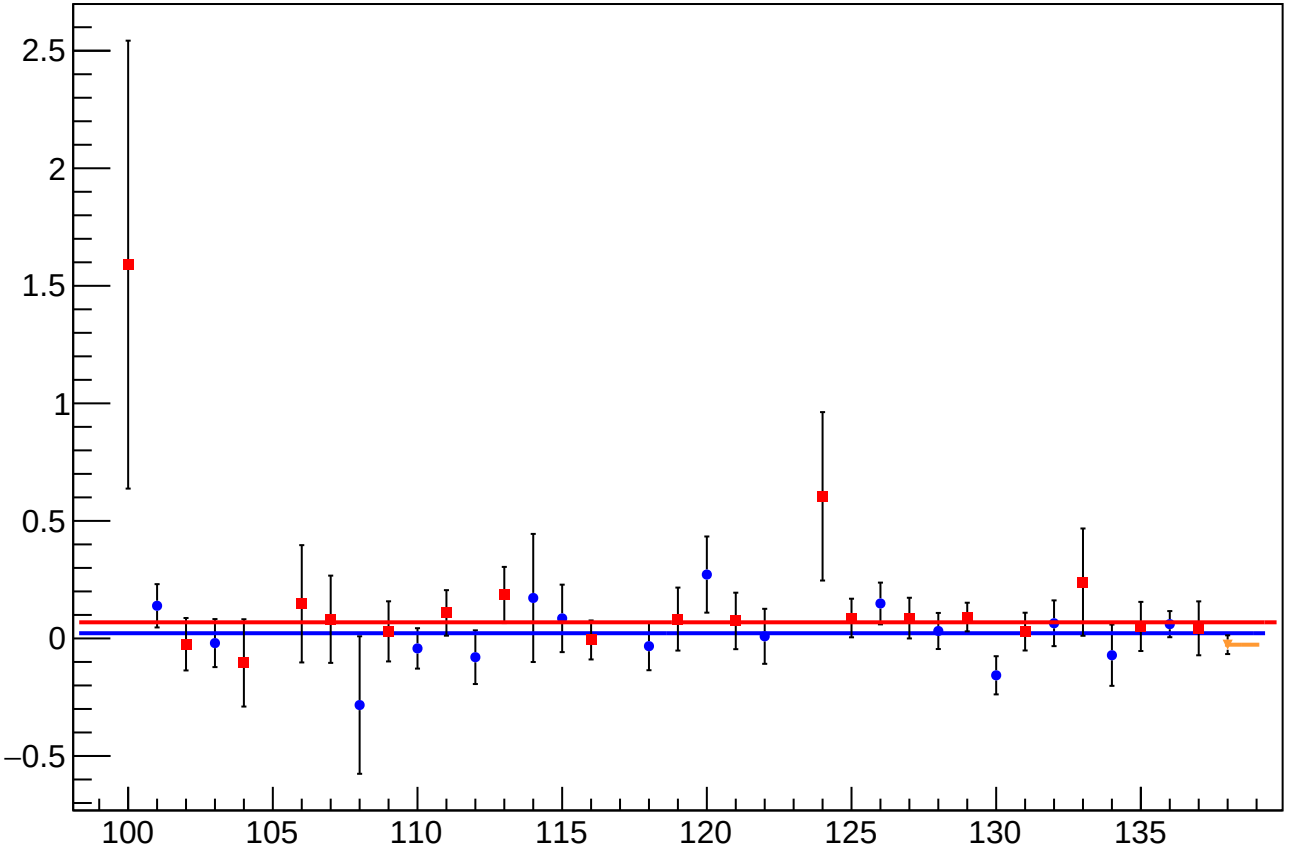
+ sign -0.000+/-0.000 χ^2/NDF: 11.5/16

All: 0.000+/-0.000 χ^2/NDF: 29.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 5182869.7/15
Left Out: 0.003+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 5789411.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 5586765.2/16
All: 0.002+/-0.000 χ²/NDF: 11419218.6/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022+/-0.025 χ^2/NDF: 15.5/15

Left Out: -0.027+/-0.040 χ^2/NDF:0.0/0

Right Out: 0.069+/-0.025 χ^2/NDF: 9.6/18

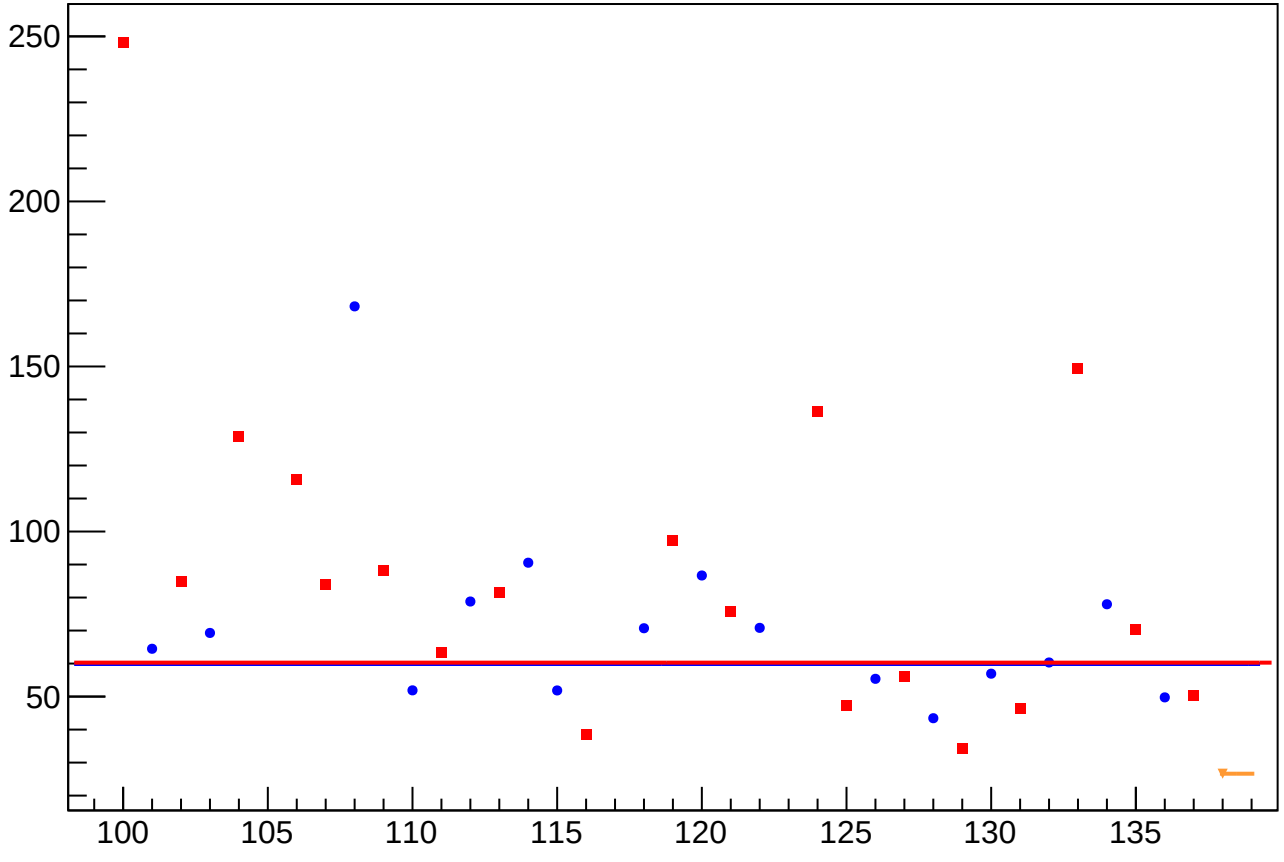
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.021 χ^2/NDF: 16.6/16

All: 0.033+/-0.016 χ^2/NDF: 29.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 59.868+/-0.017 χ^2/NDF: 699008.9/15

Left Out: 26.633+/-0.028 χ^2/NDF:0.0/0

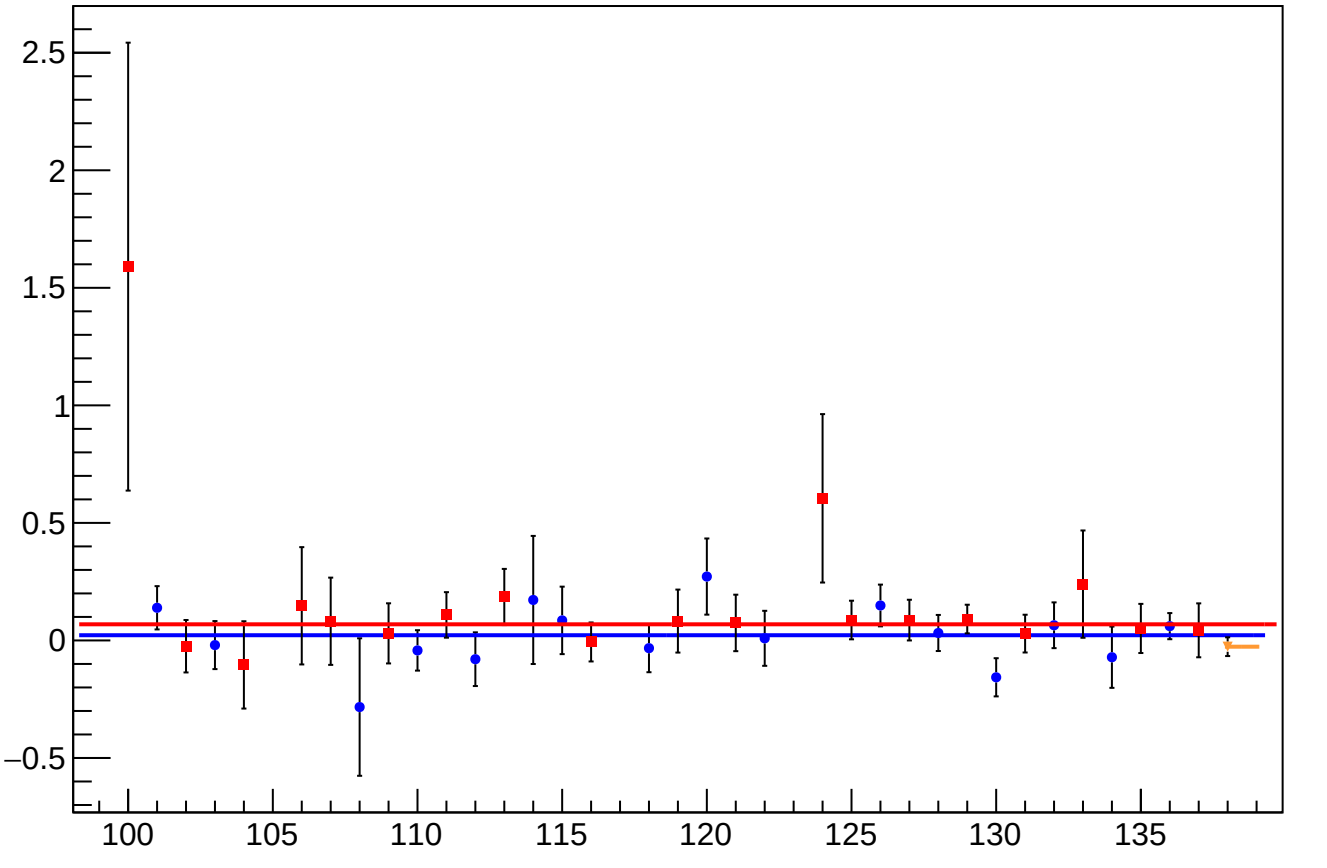
Right Out: 60.278+/-0.018 χ^2/NDF: 1977294.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 50.650+/-0.015 χ^2/NDF: 1705360.2/16

All: 54.576+/-0.011 χ^2/NDF: 3854490.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.022+/-0.025 χ^2/NDF: 15.5/15

Left Out: -0.027+/-0.040 χ^2/NDF:0.0/0

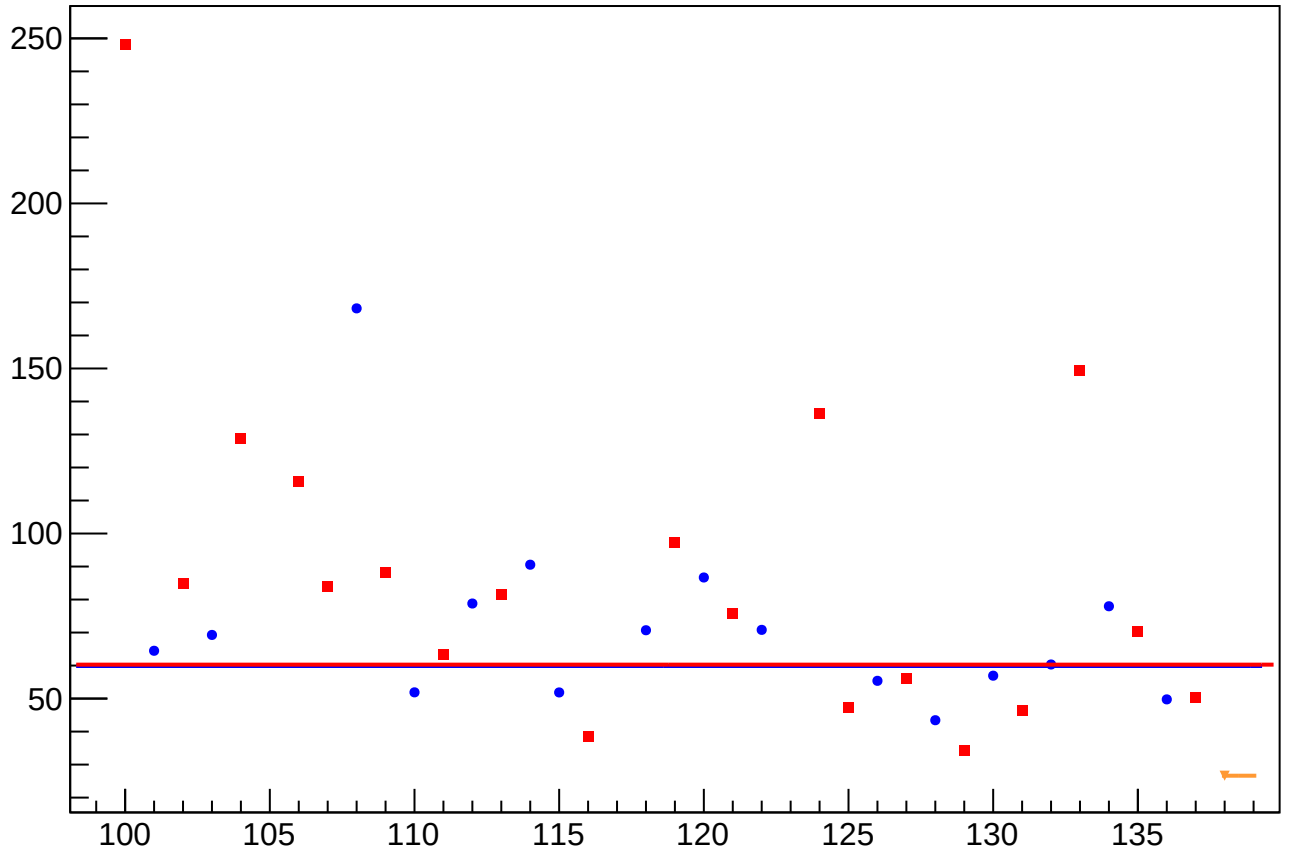
Right Out: 0.069+/-0.025 χ^2/NDF: 9.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.021 χ^2/NDF: 16.6/16

All: 0.033+/-0.016 χ^2/NDF: 29.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 59.868+/-0.017 χ^2/NDF: 699008.9/15

Left Out: 26.633+/-0.028 χ^2/NDF:0.0/0

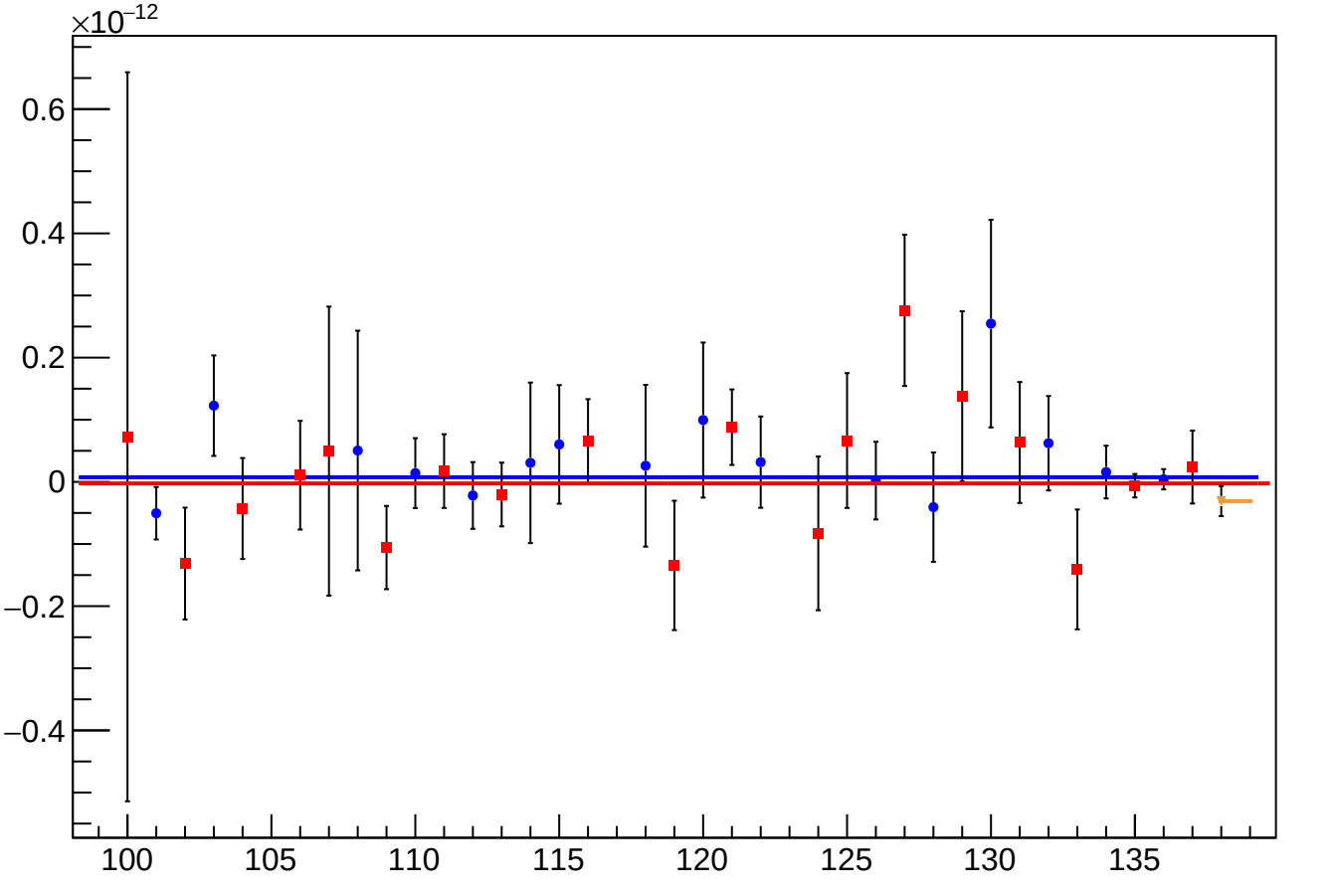
Right Out: 60.278+/-0.018 χ^2/NDF: 1977294.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 50.650+/-0.015 χ^2/NDF: 1705360.2/16

All: 54.576+/-0.011 χ^2/NDF: 3854490.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 8.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 19.7/18

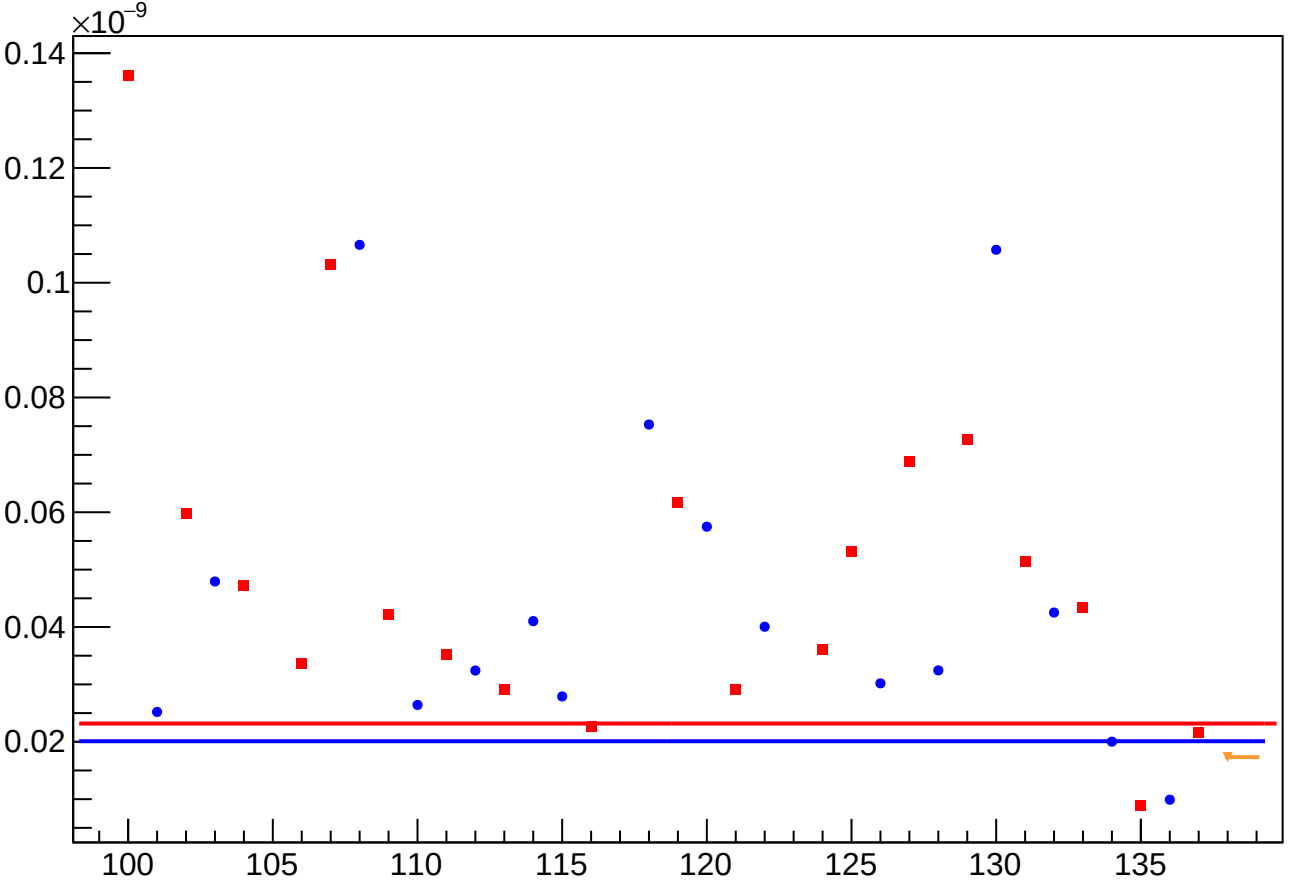
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.000+/-0.000 χ^2/NDF: 10.4/16

All: -0.000+/-0.000 χ^2/NDF: 30.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3121422.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3530677.1/18

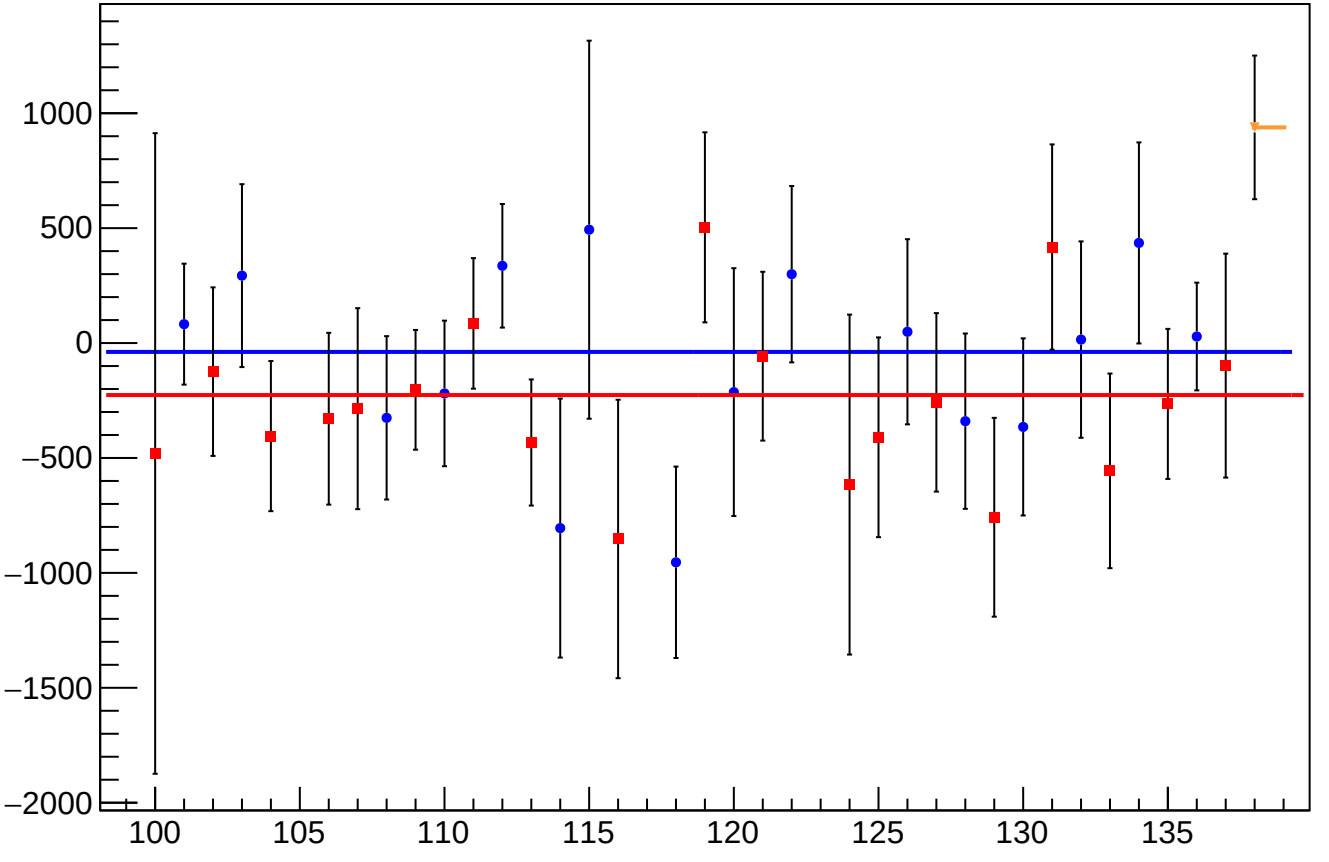
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3142346.8/16

All: 0.000+/-0.000 χ^2/NDF: 6760998.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -38.498+/-90.619 χ^2/NDF: 14.5/15

Left Out: 938.397+/-312.508 χ^2/NDF:0.0/0

Right Out: -226.168+/-87.908 χ^2/NDF: 11.4/18

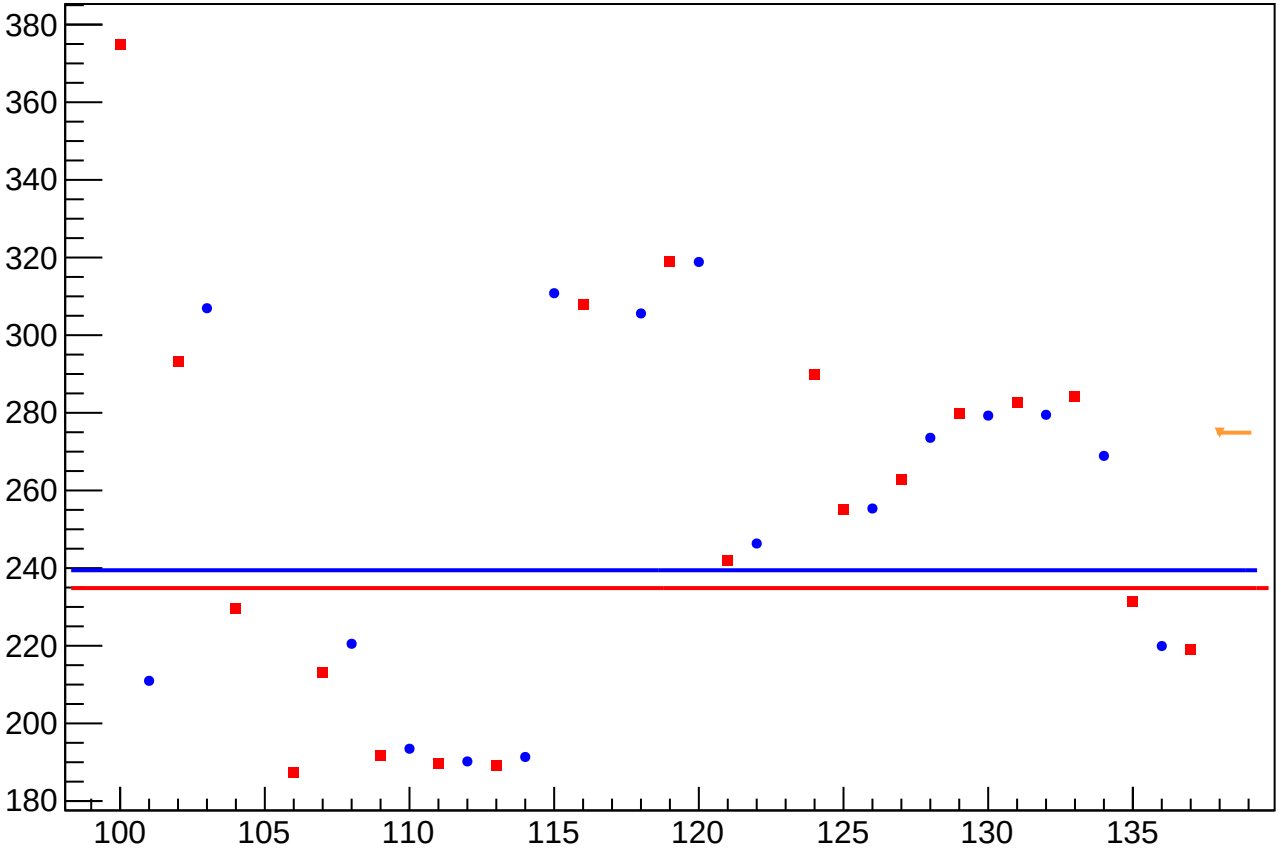
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.272+/-87.033 χ^2/NDF: 23.5/16

All: -93.131+/-61.849 χ^2/NDF: 39.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 239.449+/-0.064 χ^2/NDF: 400955.7/15

Left Out: 274.891+/-0.221 χ^2/NDF:0.0/0

Right Out: 234.855+/-0.062 χ^2/NDF: 481715.3/18

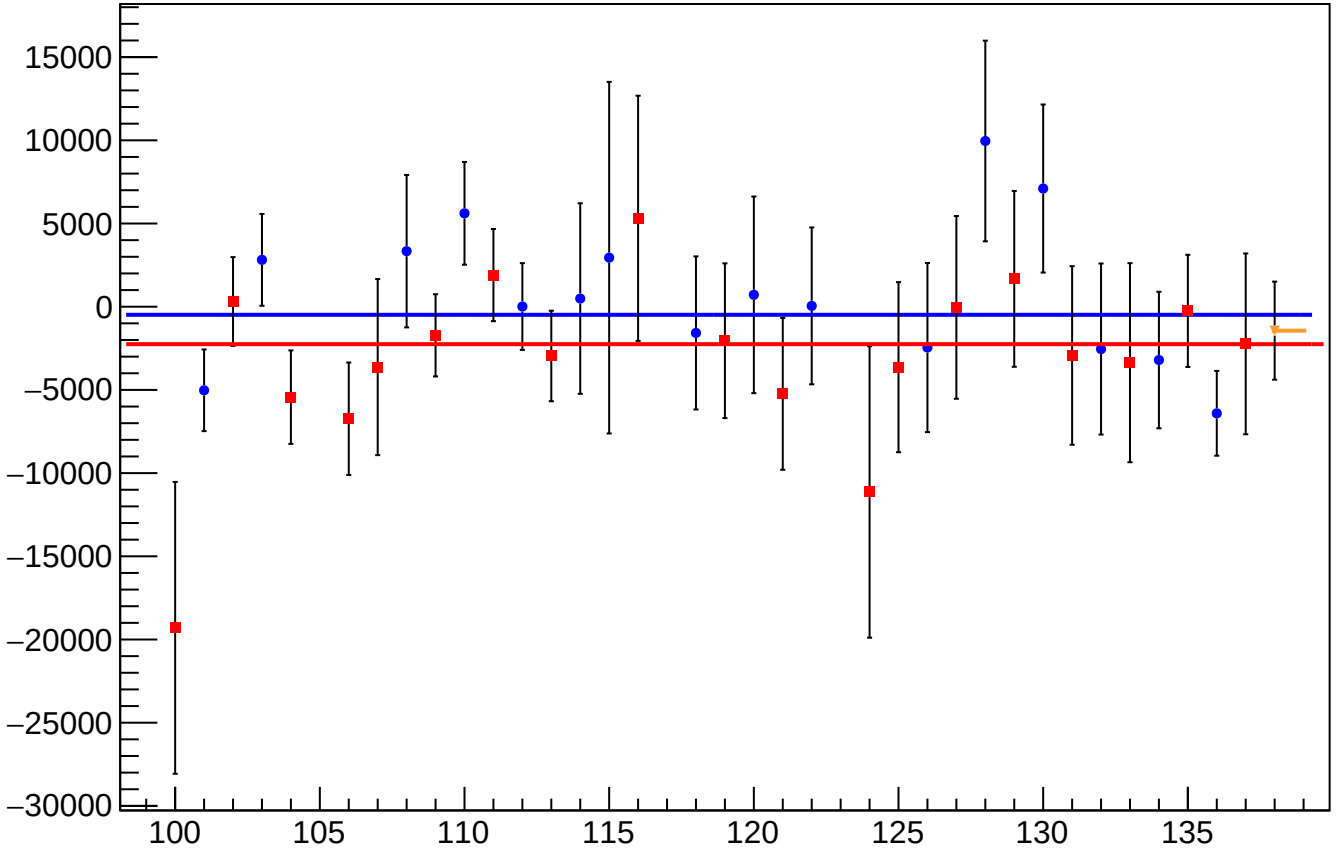
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 242.198+/-0.062 χ^2/NDF: 424684.9/16

All: 238.563+/-0.044 χ^2/NDF: 913448.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: -485.932+/-947.459 χ^2/NDF: 21.1/15

Left Out: -1437.716+/-2947.679 χ^2/NDF:0.0/0

Right Out: -2251.898+/-894.171 χ^2/NDF: 13.9/18

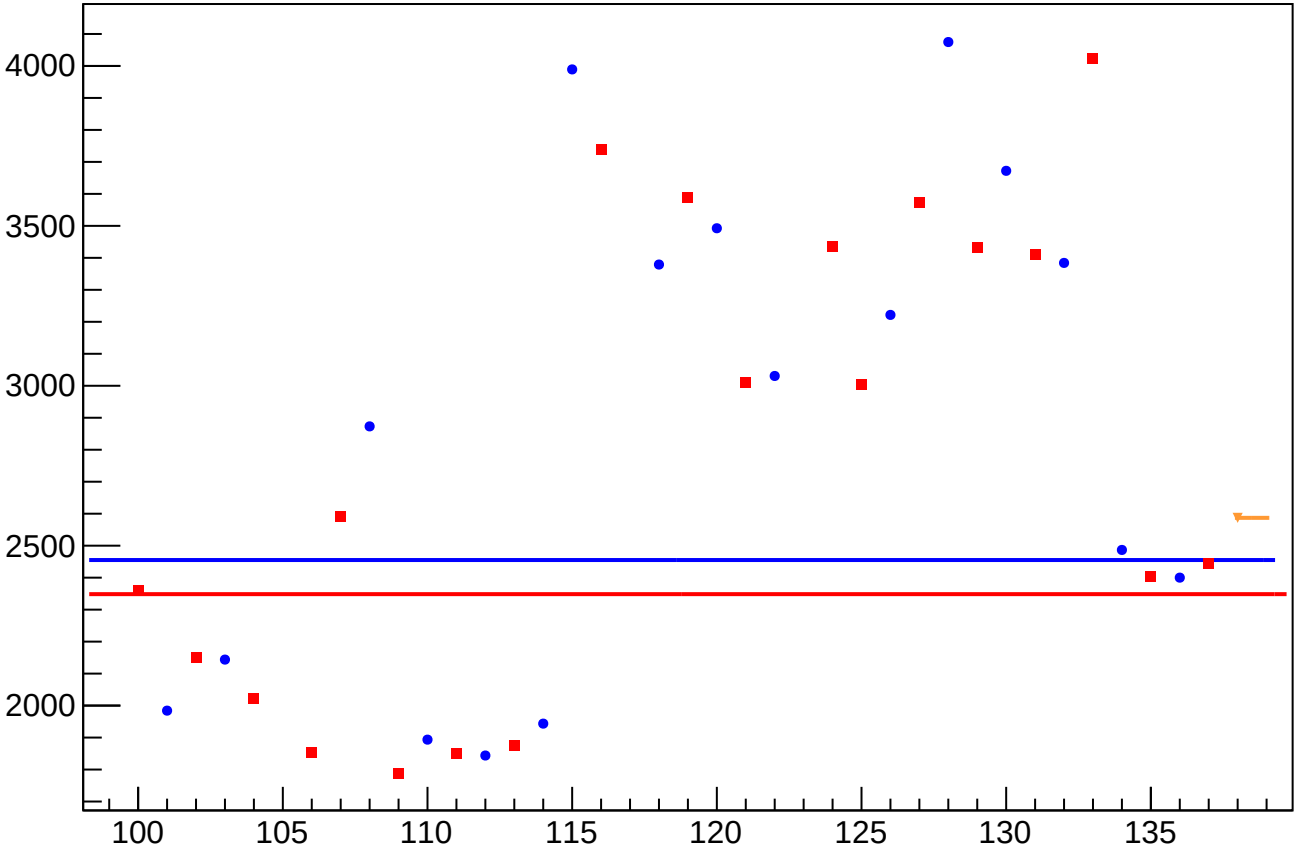
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -575.057+/-902.009 χ^2/NDF: 21.2/16

All: -1420.794+/-635.027 χ^2/NDF: 36.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2455.103+/-0.670 χ^2/NDF: 894389.6/15

Left Out: 2587.023+/-2.084 χ^2/NDF:0.0/0

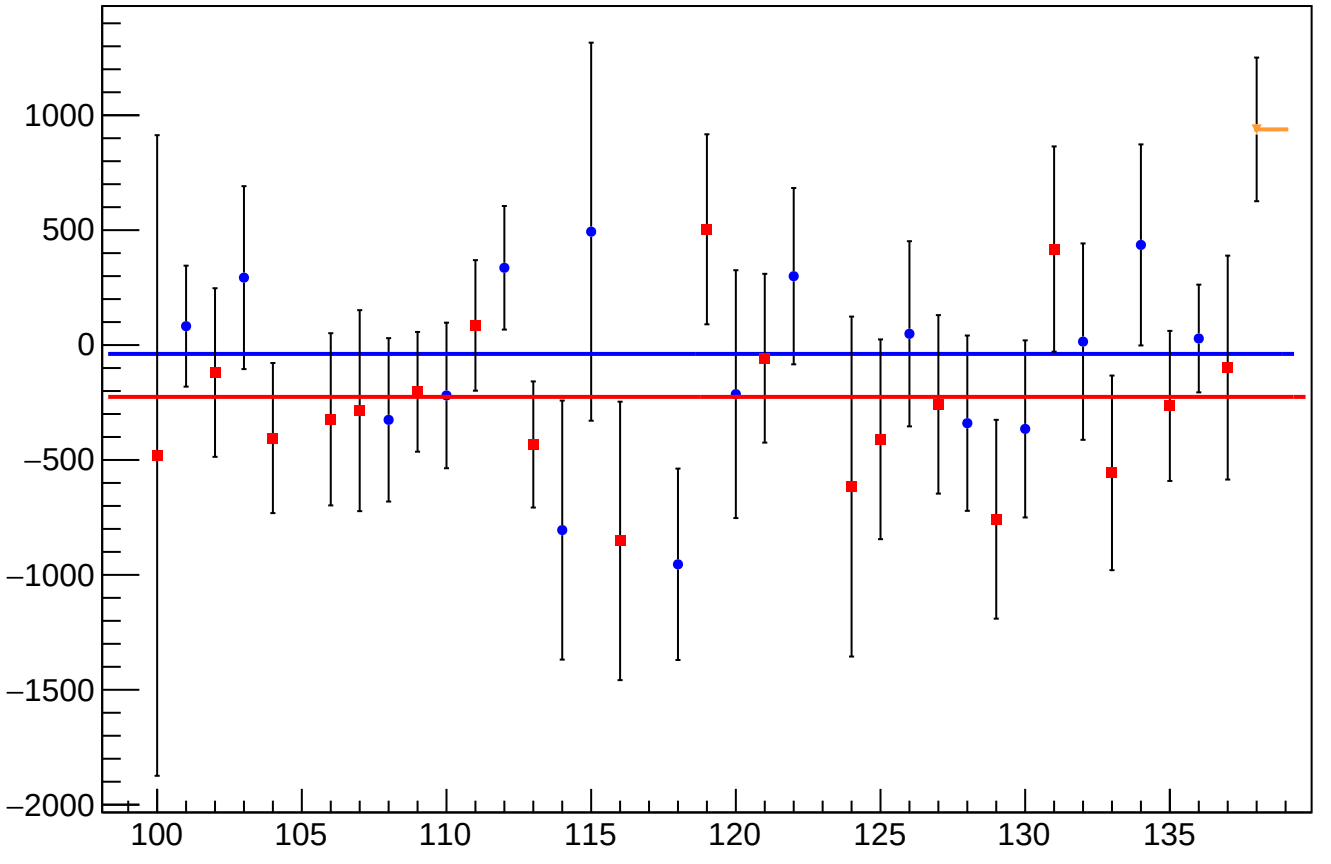
Right Out: 2348.446+/-0.632 χ^2/NDF: 1052421.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2467.456+/-0.638 χ^2/NDF: 898020.3/16

All: 2407.432+/-0.449 χ^2/NDF: 1968001.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -38.519+/-90.619 χ^2/NDF: 14.5/15

Left Out: 938.374+/-312.508 χ^2/NDF:0.0/0

Right Out: -225.515+/-87.922 χ^2/NDF: 11.4/18

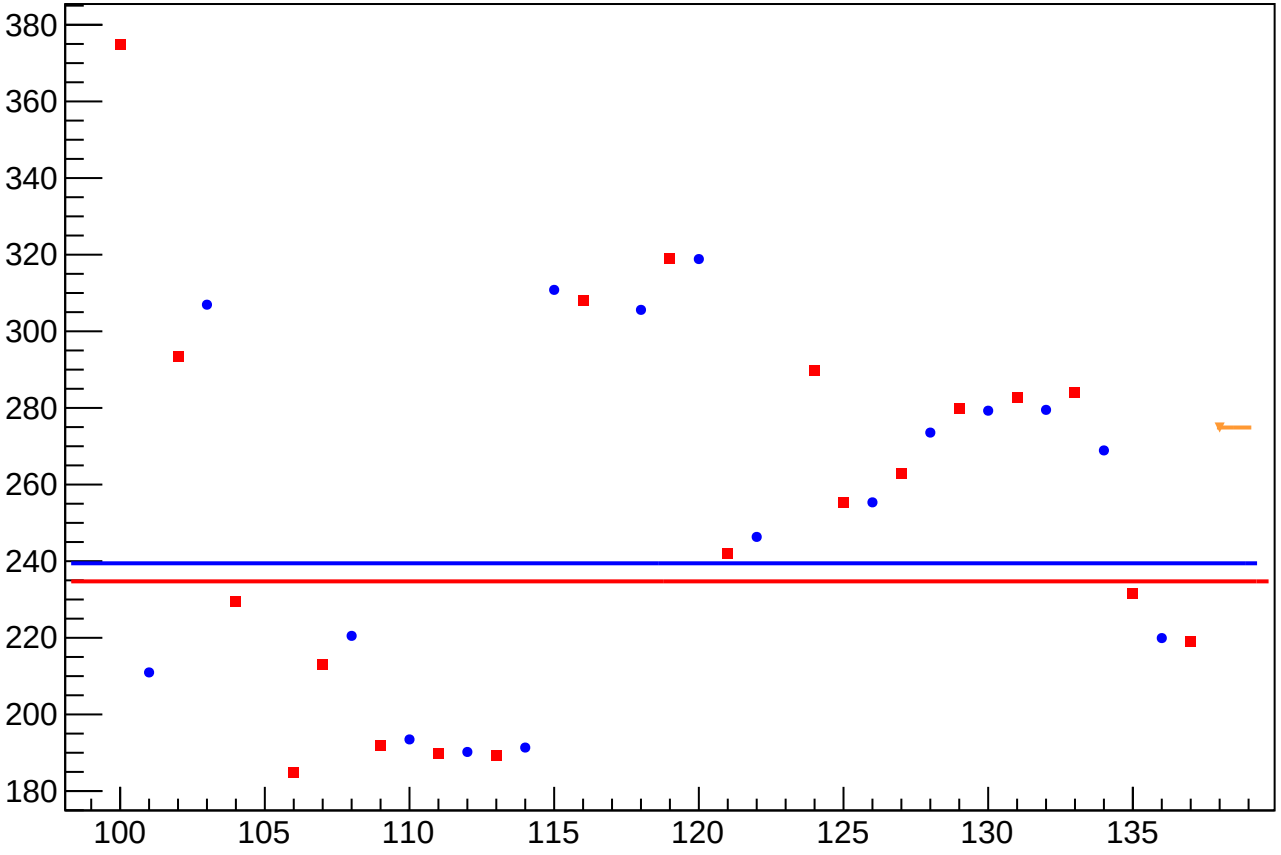
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.251+/-87.033 χ^2/NDF: 23.5/16

All: -92.798+/-61.854 χ^2/NDF: 39.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 239.449+/-0.064 χ^2/NDF: 400958.1/15

Left Out: 274.891+/-0.221 χ^2/NDF:0.0/0

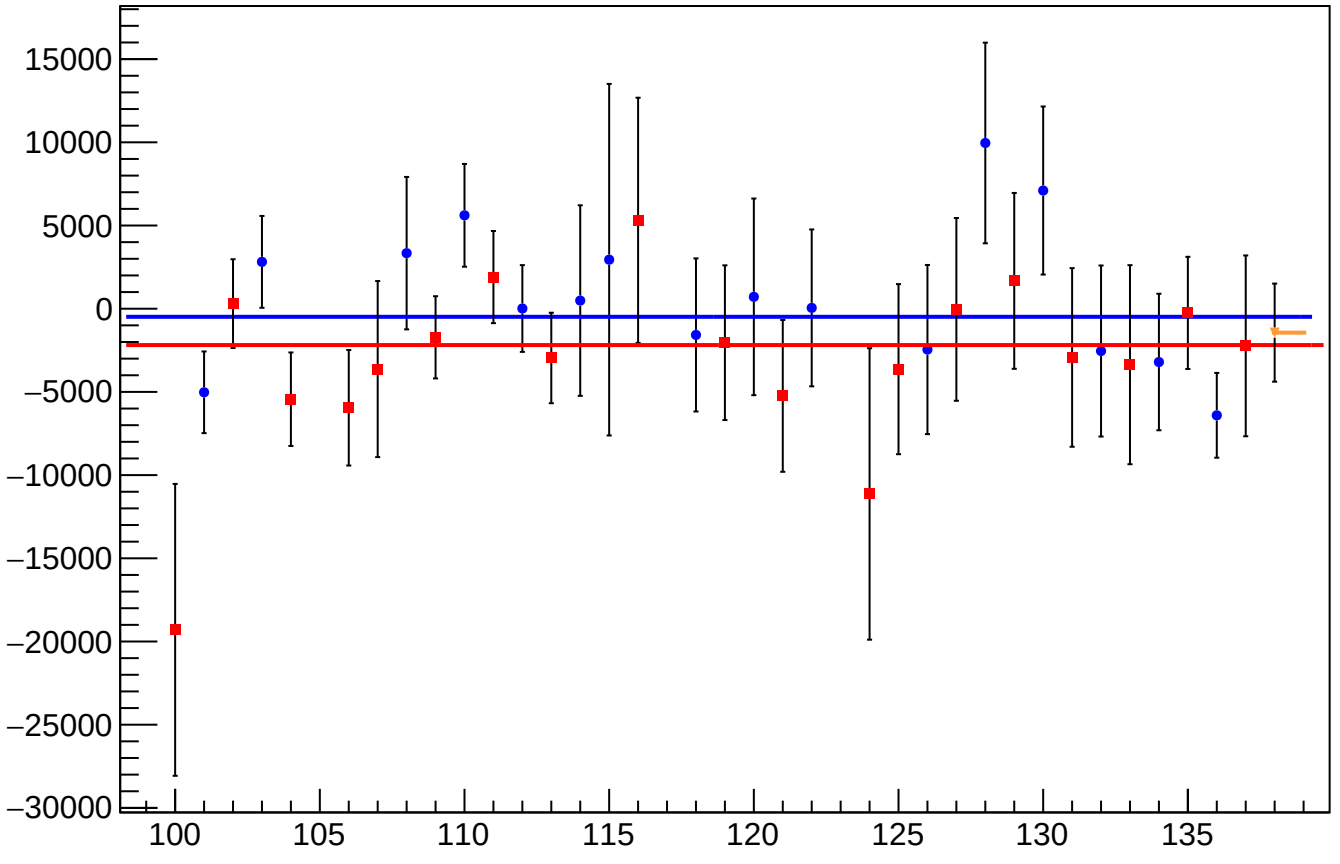
Right Out: 234.733+/-0.062 χ^2/NDF: 485238.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 242.198+/-0.062 χ^2/NDF: 424687.2/16

All: 238.503+/-0.044 χ^2/NDF: 917208.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -486.103+/-947.467 χ^2/NDF: 21.1/15

Left Out: -1437.745+/-2947.678 χ^2/NDF:0.0/0

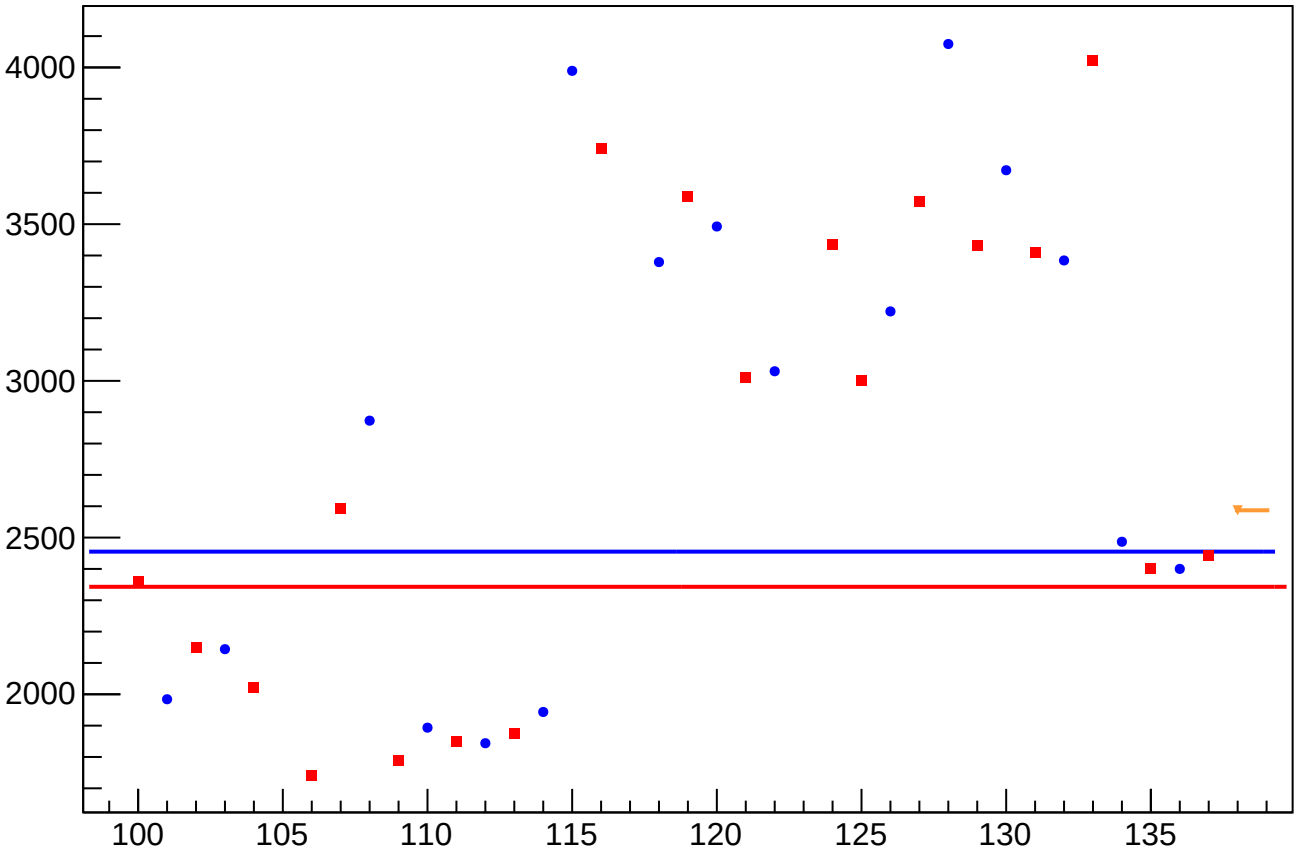
Right Out: -2184.834+/-895.863 χ^2/NDF: 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -575.217+/-902.016 χ^2/NDF: 21.2/16

All: -1385.534+/-635.635 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2455.127+/-0.670 χ^2/NDF: 894358.3/15

Left Out: 2587.021+/-2.084 χ^2/NDF:0.0/0

Right Out: 2342.955+/-0.633 χ^2/NDF: 1070387.8/18

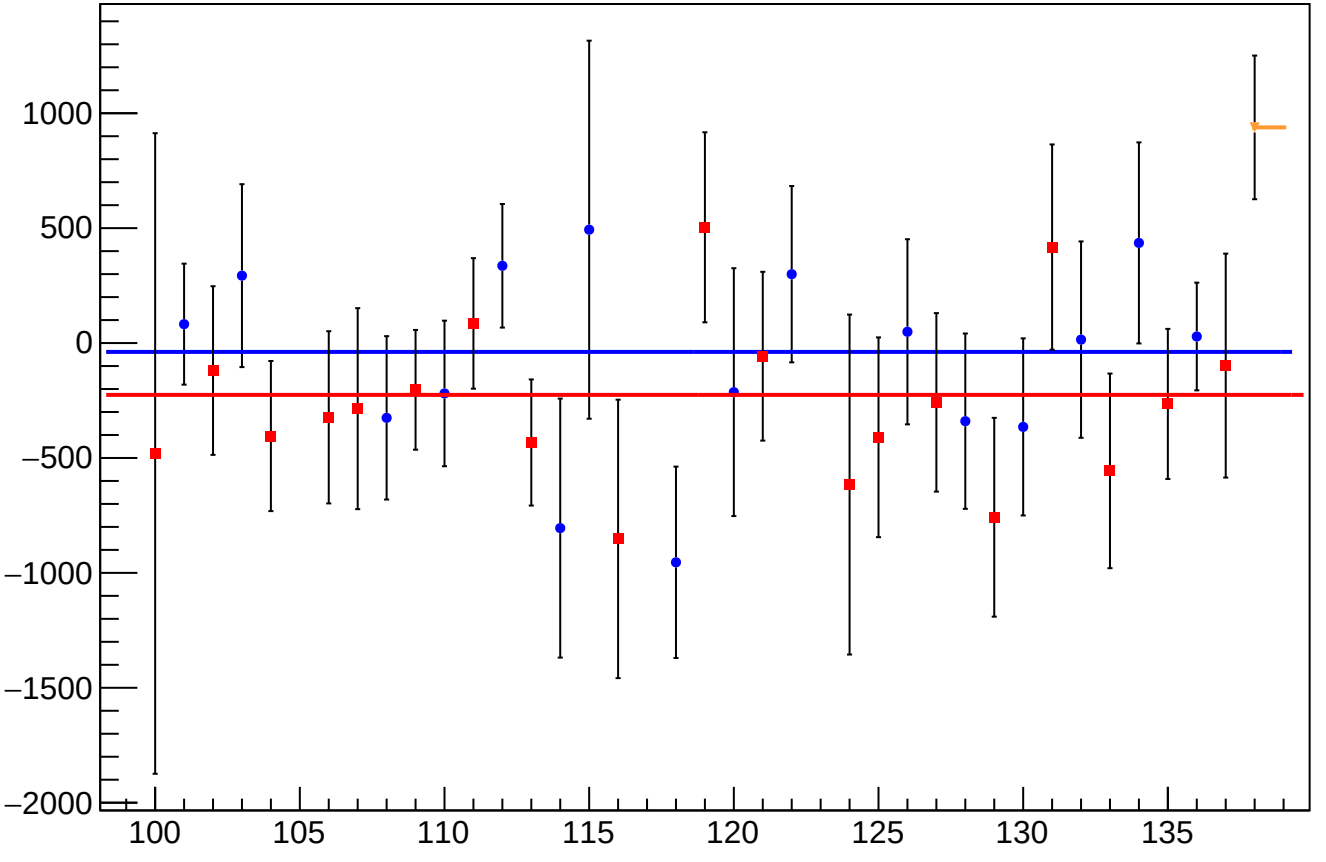
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2467.478+/-0.638 χ^2/NDF: 897987.6/16

All: 2404.791+/-0.449 χ^2/NDF: 1987563.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam4_mean vs Slug



Right In: -38.519+/-90.619 χ^2/NDF: 14.5/15

Left Out: 938.374+/-312.508 χ^2/NDF:0.0/0

Right Out: -225.515+/-87.922 χ^2/NDF: 11.4/18

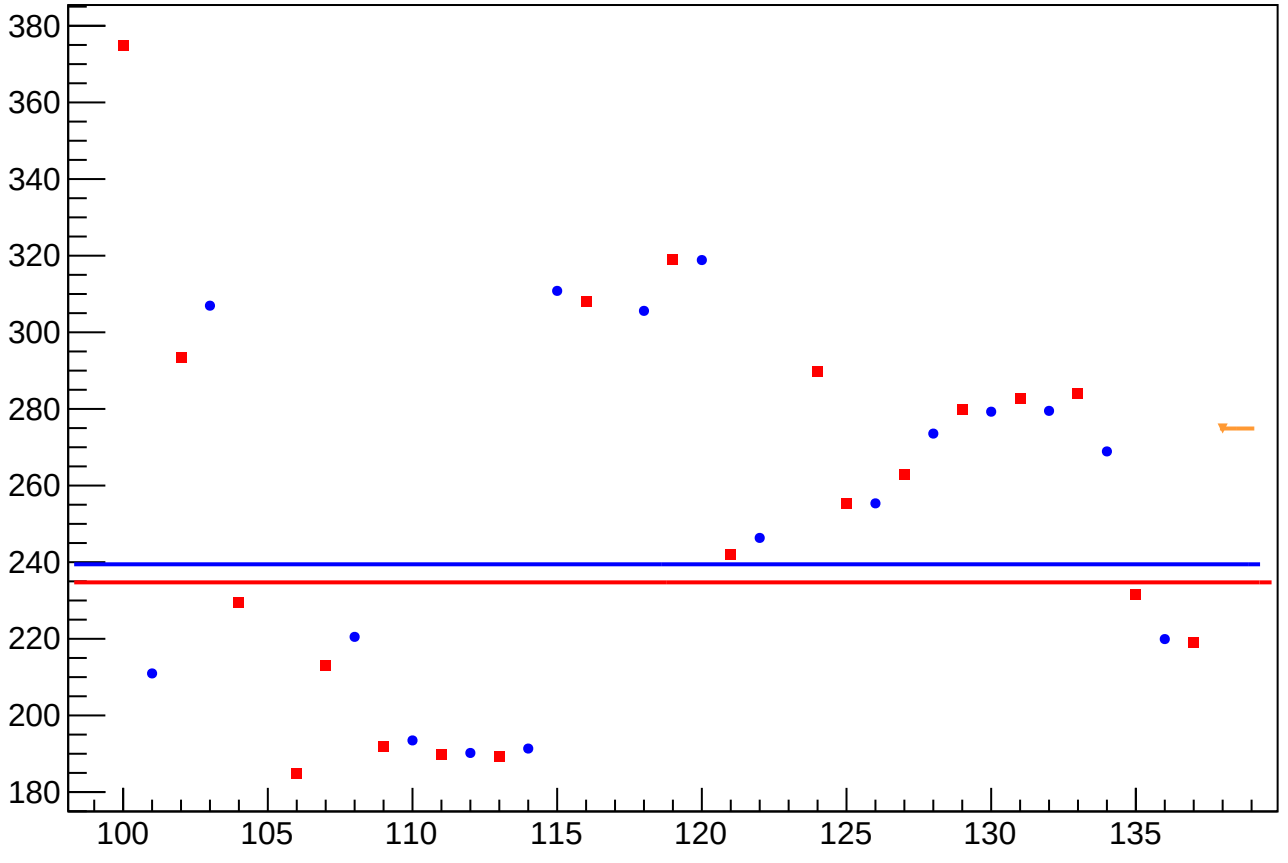
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.251+/-87.033 χ^2/NDF: 23.5/16

All: -92.798+/-61.854 χ^2/NDF: 39.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 239.449+/-0.064 χ^2/NDF: 400958.1/15

Left Out: 274.891+/-0.221 χ^2/NDF:0.0/0

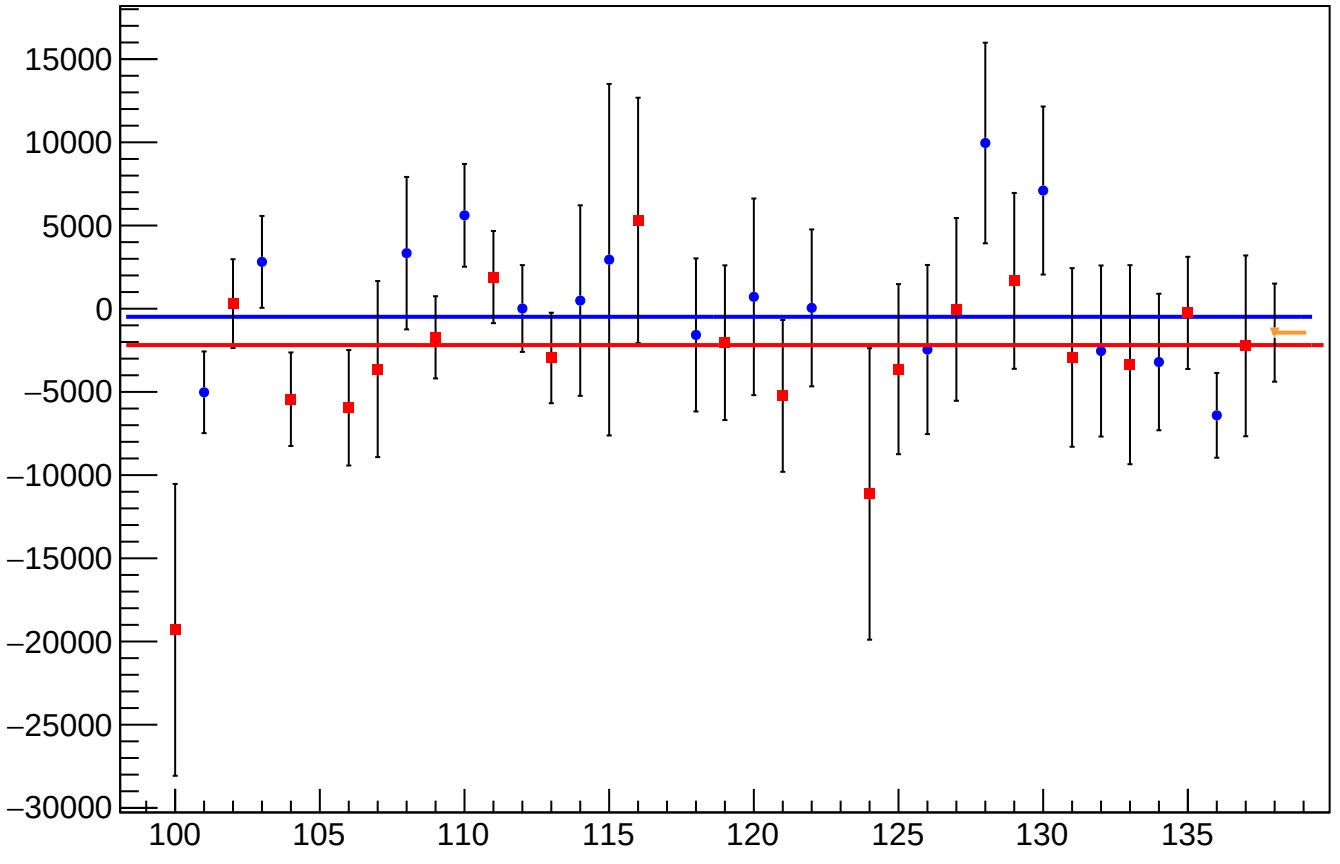
Right Out: 234.733+/-0.062 χ^2/NDF: 485238.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 242.198+/-0.062 χ^2/NDF: 424687.2/16

All: 238.503+/-0.044 χ^2/NDF: 917208.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -486.103+/-947.467 χ^2/NDF: 21.1/15

Left Out: -1437.745+/-2947.678 χ^2/NDF:0.0/0

Right Out: -2184.834+/-895.863 χ^2/NDF: 13.3/18

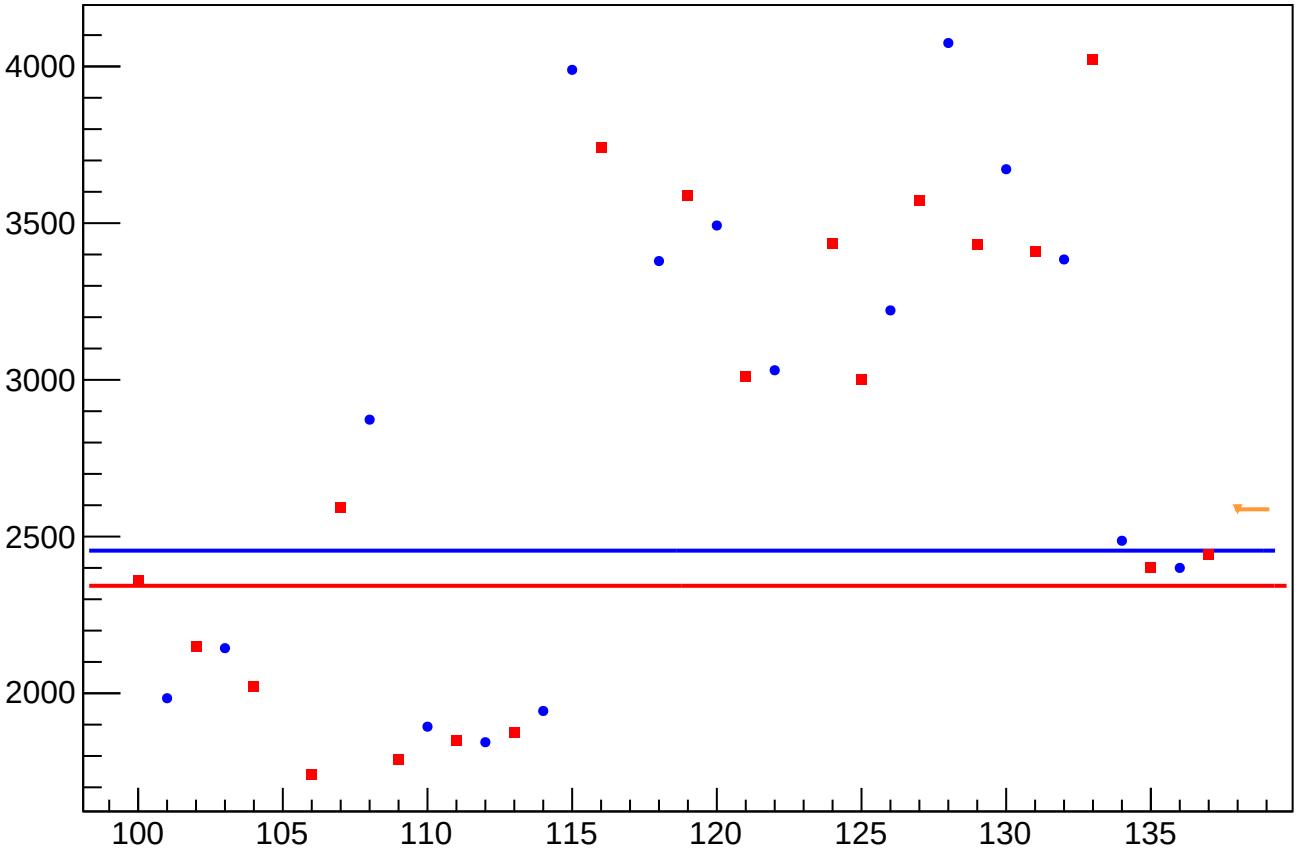
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -575.217+/-902.016 χ^2/NDF: 21.2/16

All: -1385.534+/-635.635 χ^2/NDF: 36.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2455.127+/-0.670 χ^2/NDF: 894358.3/15

Left Out: 2587.021+/-2.084 χ^2/NDF:0.0/0

Right Out: 2342.955+/-0.633 χ^2/NDF: 1070387.8/18

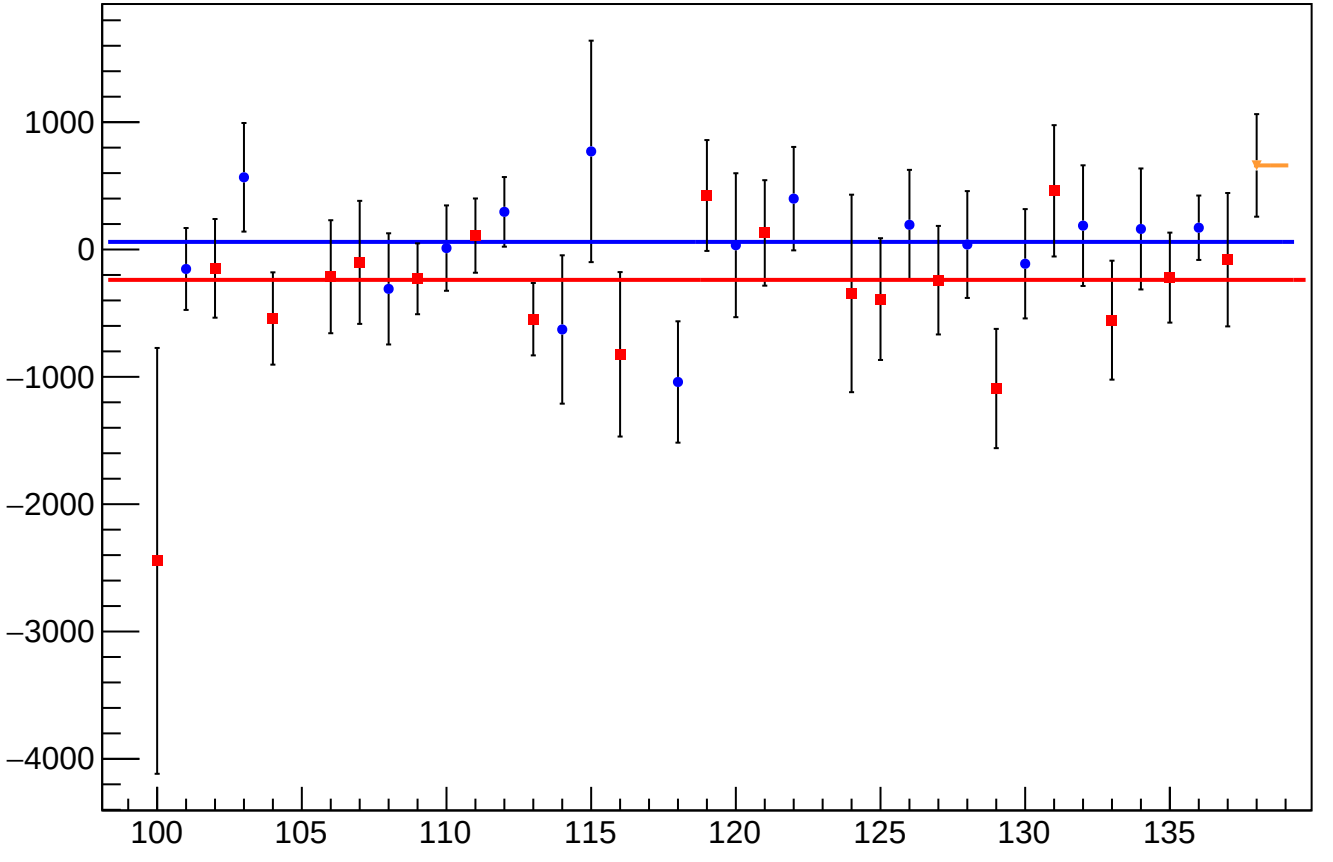
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2467.478+/-0.638 χ^2/NDF: 897987.6/16

All: 2404.791+/-0.449 χ^2/NDF: 1987563.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 59.728+/-99.230 χ^2/NDF: 12.0/15

Left Out: 660.395+/-402.735 χ^2/NDF:0.0/0

Right Out: -238.516+/-95.062 χ^2/NDF: 14.9/18

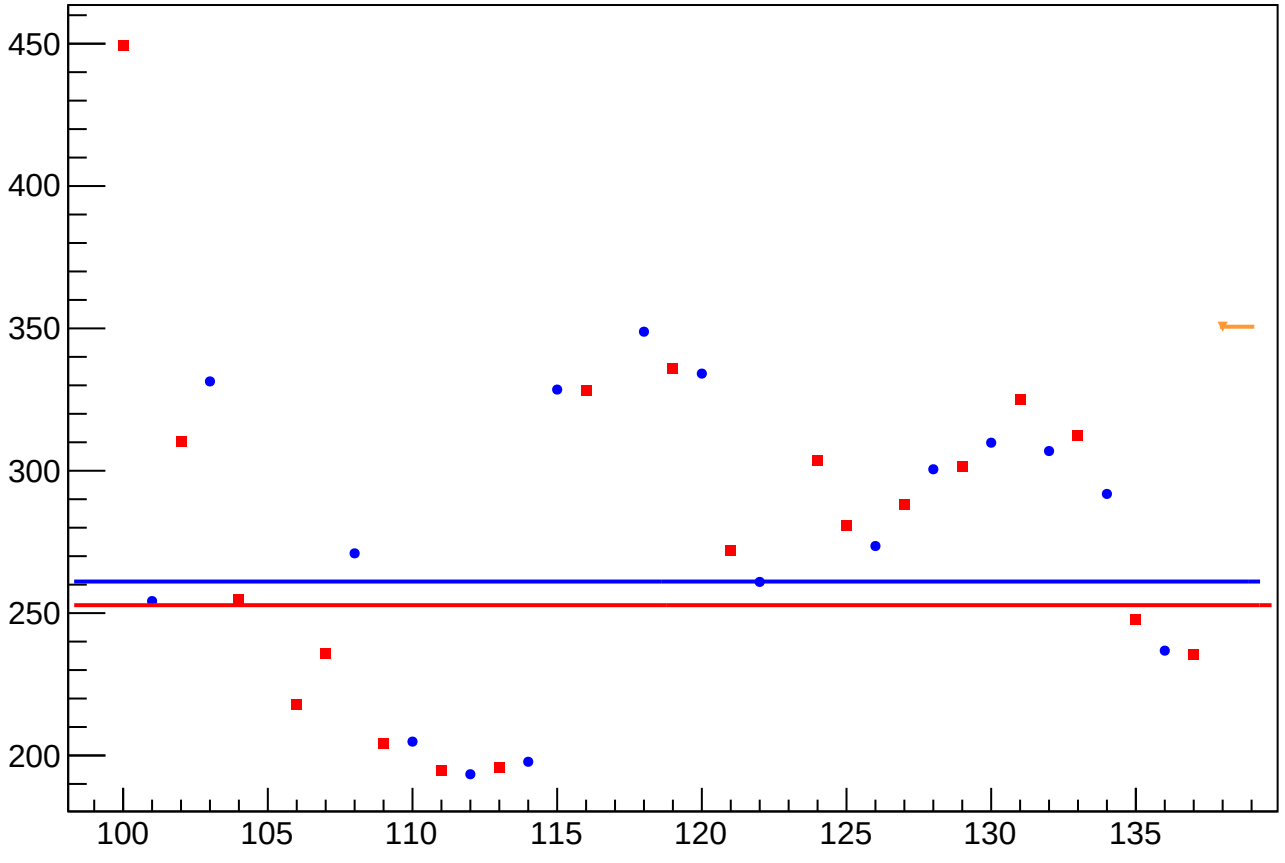
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 94.106+/-96.348 χ^2/NDF: 14.1/16

All: -74.439+/-67.669 χ^2/NDF: 35.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 261.089+/-0.070 χ^2/NDF: 462662.2/15

Left Out: 350.594+/-0.285 χ^2/NDF:0.0/0

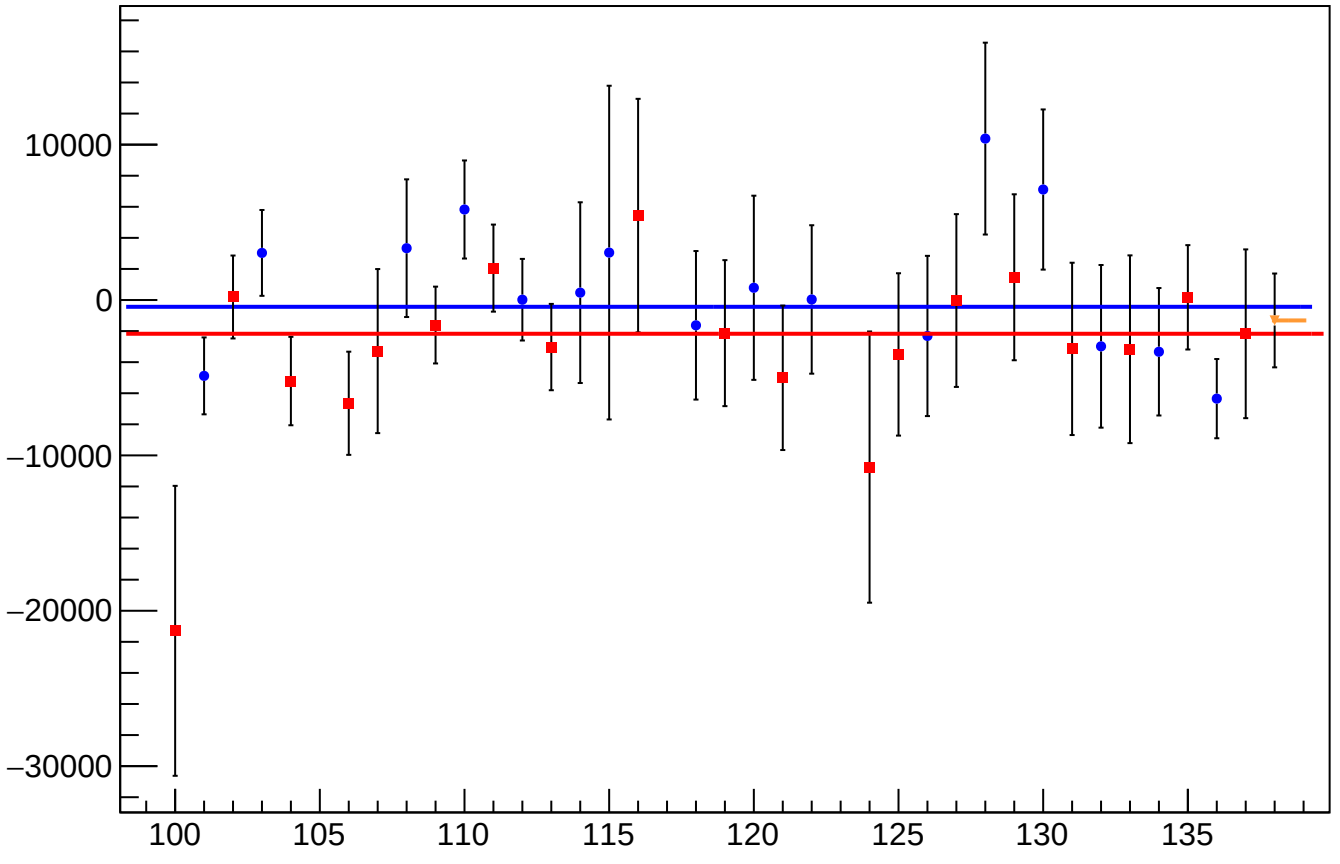
Right Out: 252.787+/-0.067 χ^2/NDF: 537290.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 266.212+/-0.068 χ^2/NDF: 555793.0/16

All: 259.409+/-0.048 χ^2/NDF: 1112758.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -436.732+/-955.134 χ^2/NDF: 21.2/15

Left Out: -1314.361+/-3019.525 χ^2/NDF:0.0/0

Right Out: -2172.091+/-901.102 χ^2/NDF: 14.0/18

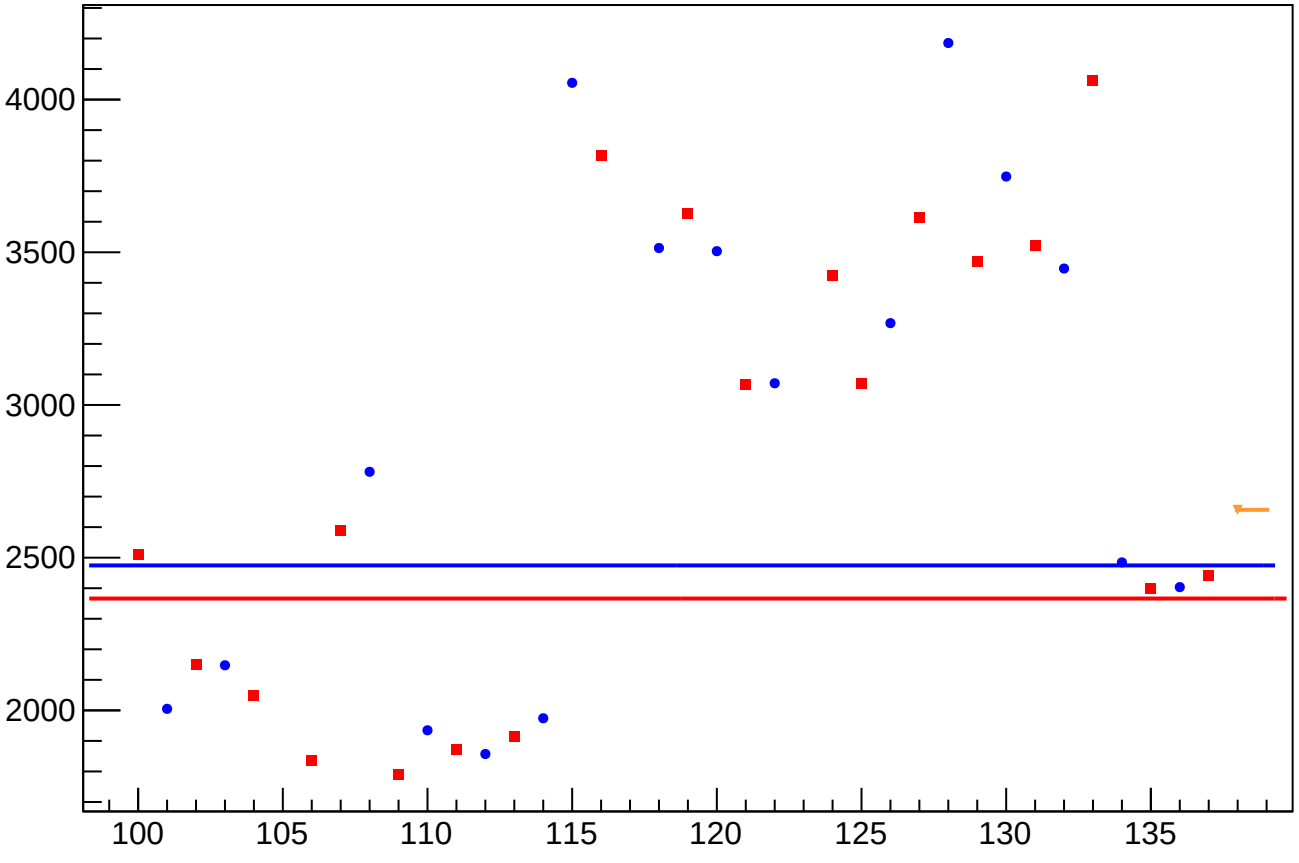
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -516.559+/-910.660 χ^2/NDF: 21.3/16

All: -1353.059+/-640.528 χ^2/NDF: 36.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2474.622+/-0.675 χ^2/NDF: 916250.9/15

Left Out: 2656.666+/-2.135 χ^2/NDF:0.0/0

Right Out: 2366.221+/-0.637 χ^2/NDF: 1077175.3/18

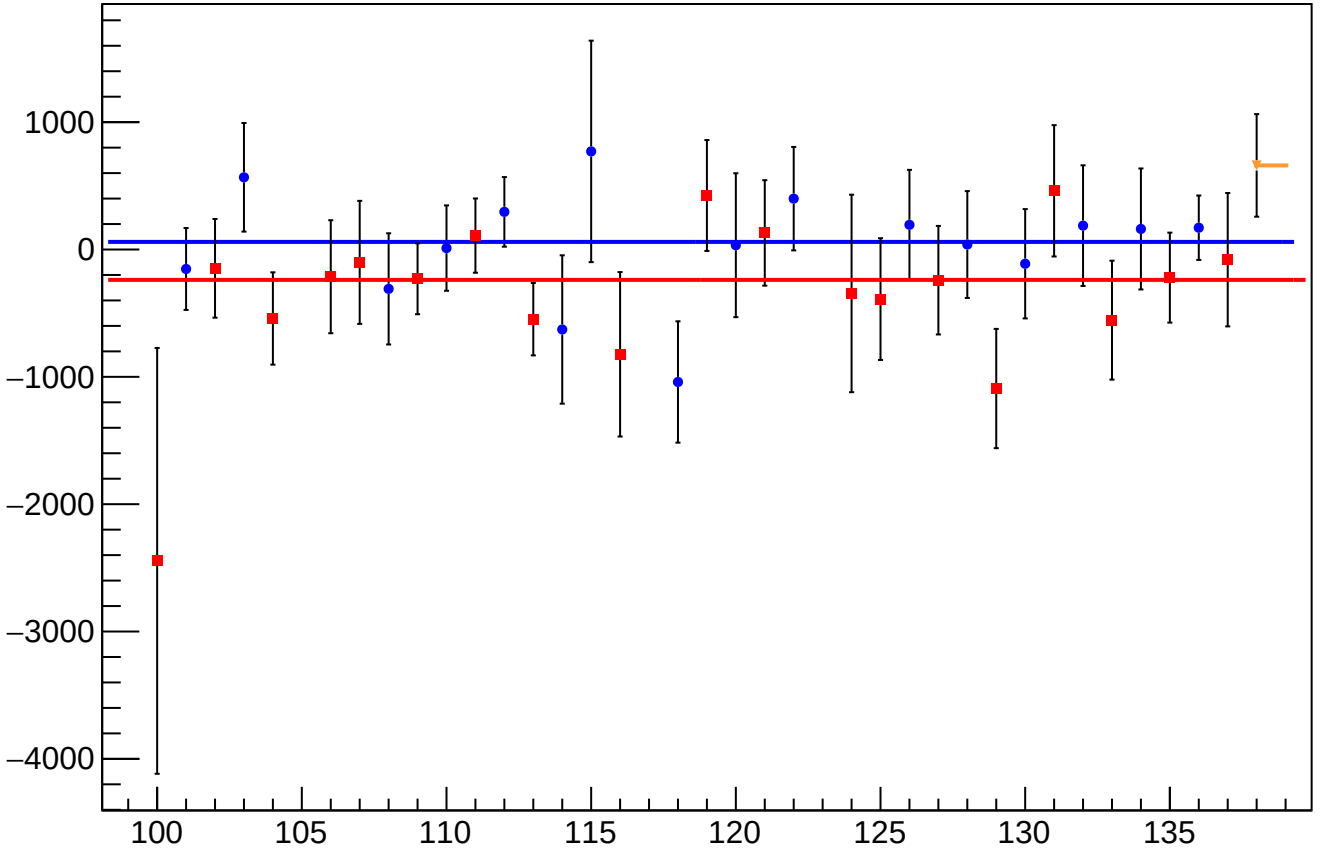
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2491.180+/-0.644 χ^2/NDF: 922859.2/16

All: 2428.041+/-0.453 χ^2/NDF: 2019061.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam4_mean vs Slug



Right In: 59.734+/-99.230 χ^2/NDF: 12.0/15

Left Out: 660.383+/-402.734 χ^2/NDF:0.0/0

Right Out: -238.515+/-95.062 χ^2/NDF: 14.9/18

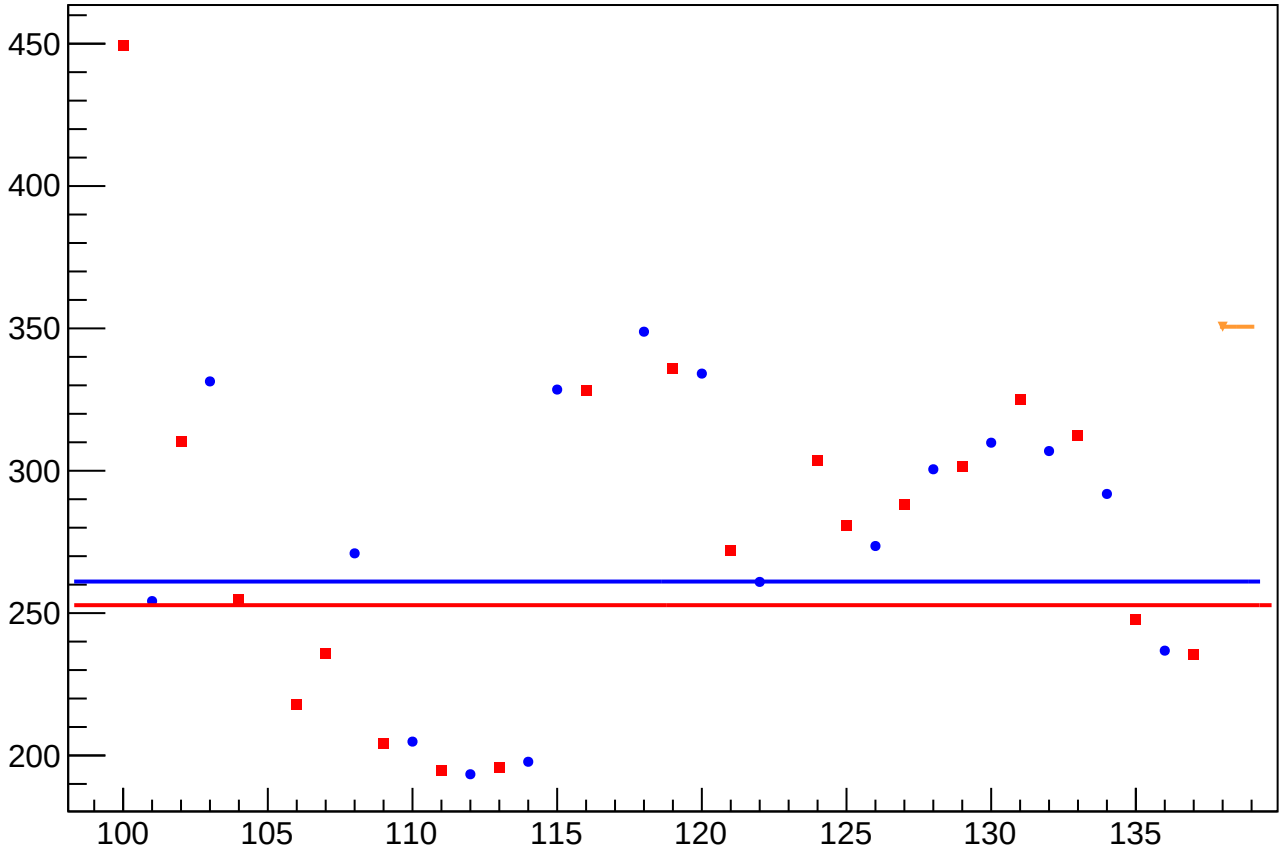
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 94.111+/-96.348 χ^2/NDF: 14.1/16

All: -74.437+/-67.669 χ^2/NDF: 35.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 261.089+/-0.070 χ^2/NDF: 462665.3/15

Left Out: 350.593+/-0.285 χ^2/NDF:0.0/0

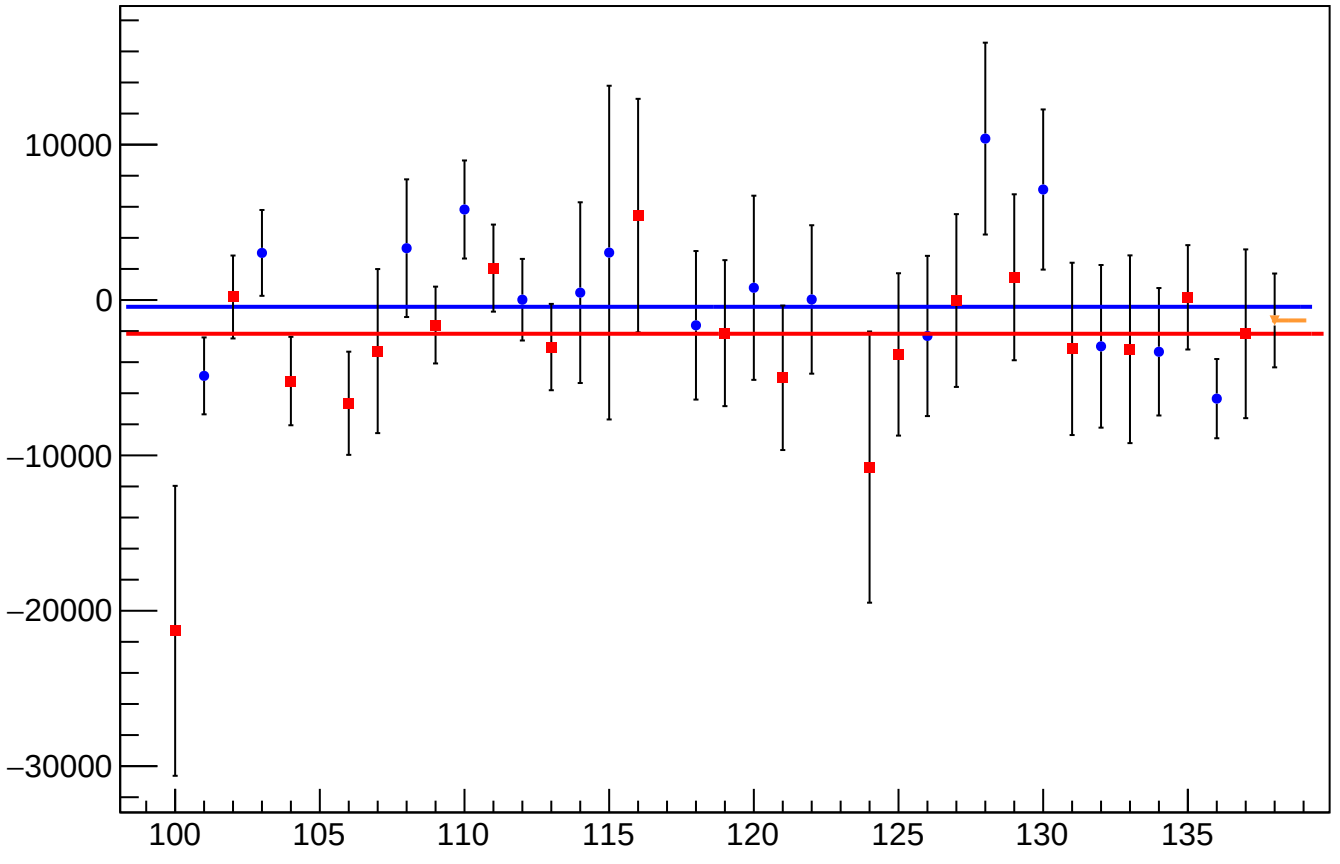
Right Out: 252.787+/-0.067 χ^2/NDF: 537293.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 266.212+/-0.068 χ^2/NDF: 555794.3/16

All: 259.409+/-0.048 χ^2/NDF: 1112762.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -436.731+/-955.133 χ^2/NDF: 21.2/15

Left Out: -1314.376+/-3019.518 χ^2/NDF:0.0/0

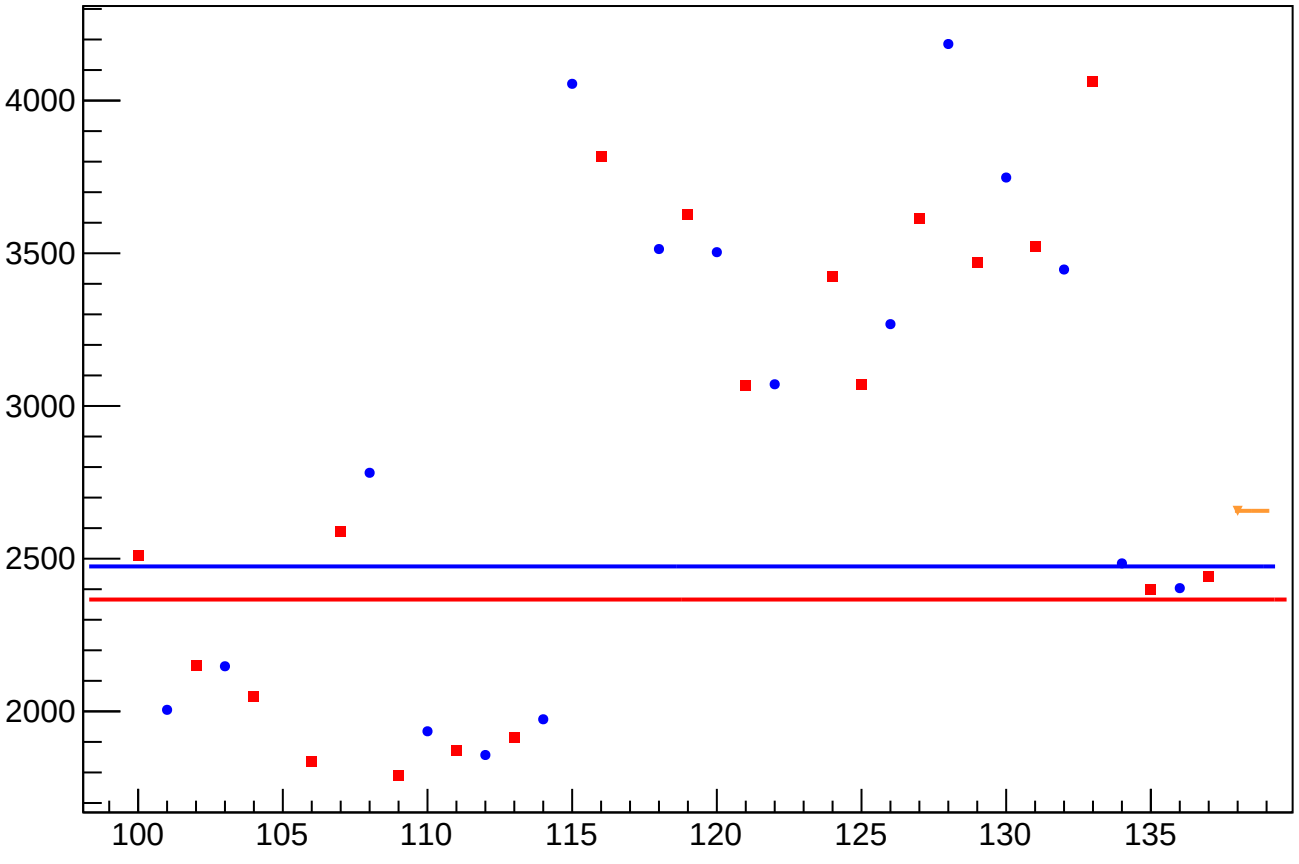
Right Out: -2172.089+/-901.101 χ^2/NDF: 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -516.559+/-910.660 χ^2/NDF: 21.3/16

All: -1353.058+/-640.528 χ^2/NDF: 36.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2474.620+/-0.675 χ^2/NDF: 916254.1/15

Left Out: 2656.659+/-2.135 χ^2/NDF:0.0/0

Right Out: 2366.219+/-0.637 χ^2/NDF: 1077177.7/18

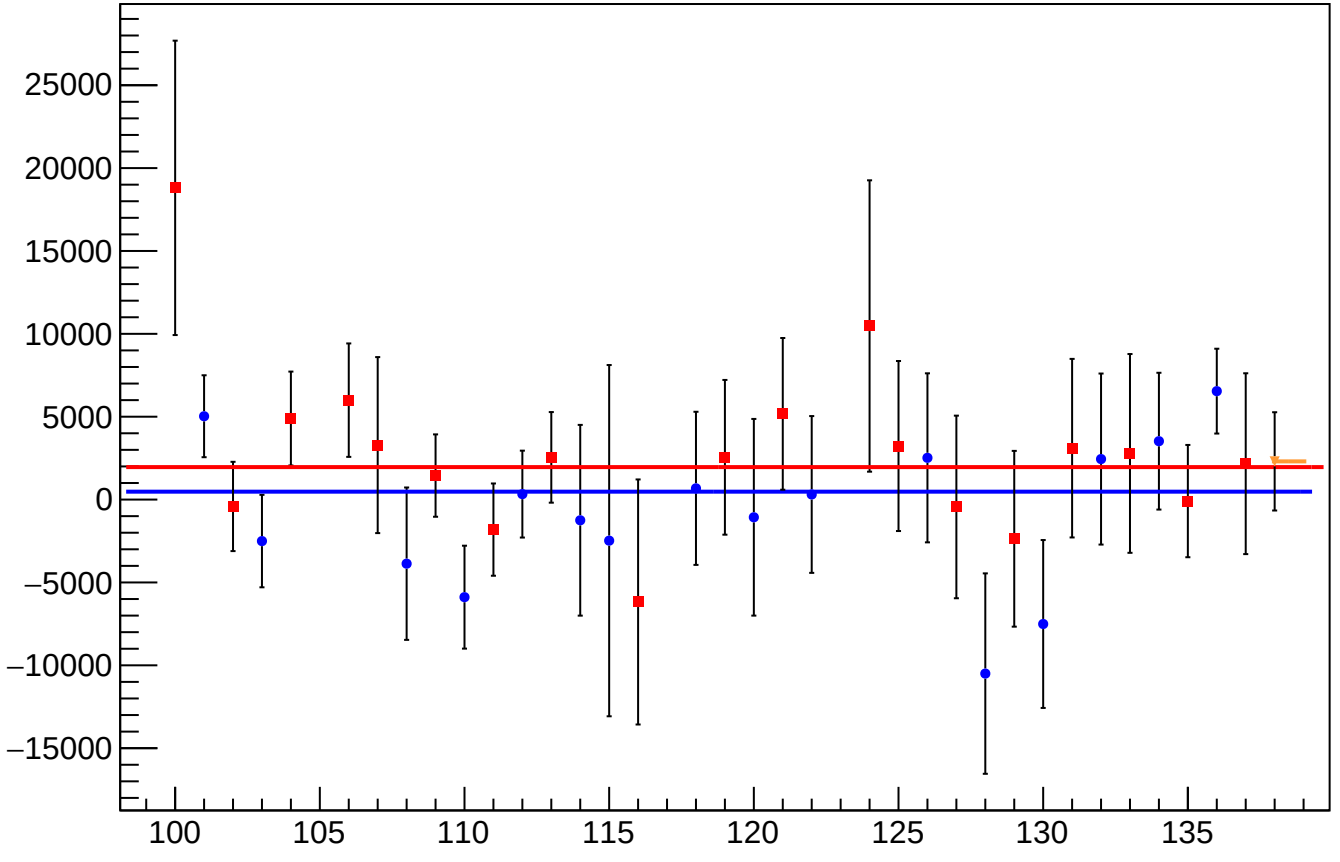
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2491.178+/-0.644 χ^2/NDF: 922862.1/16

All: 2428.040+/-0.453 χ^2/NDF: 2019067.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_mean vs Slug



Right In: 477.284+/-952.752 χ^2/NDF: 22.1/15

Left Out: 2304.832+/-2964.666 χ^2/NDF:0.0/0

Right Out: 1959.491+/-899.702 χ^2/NDF: 12.8/18

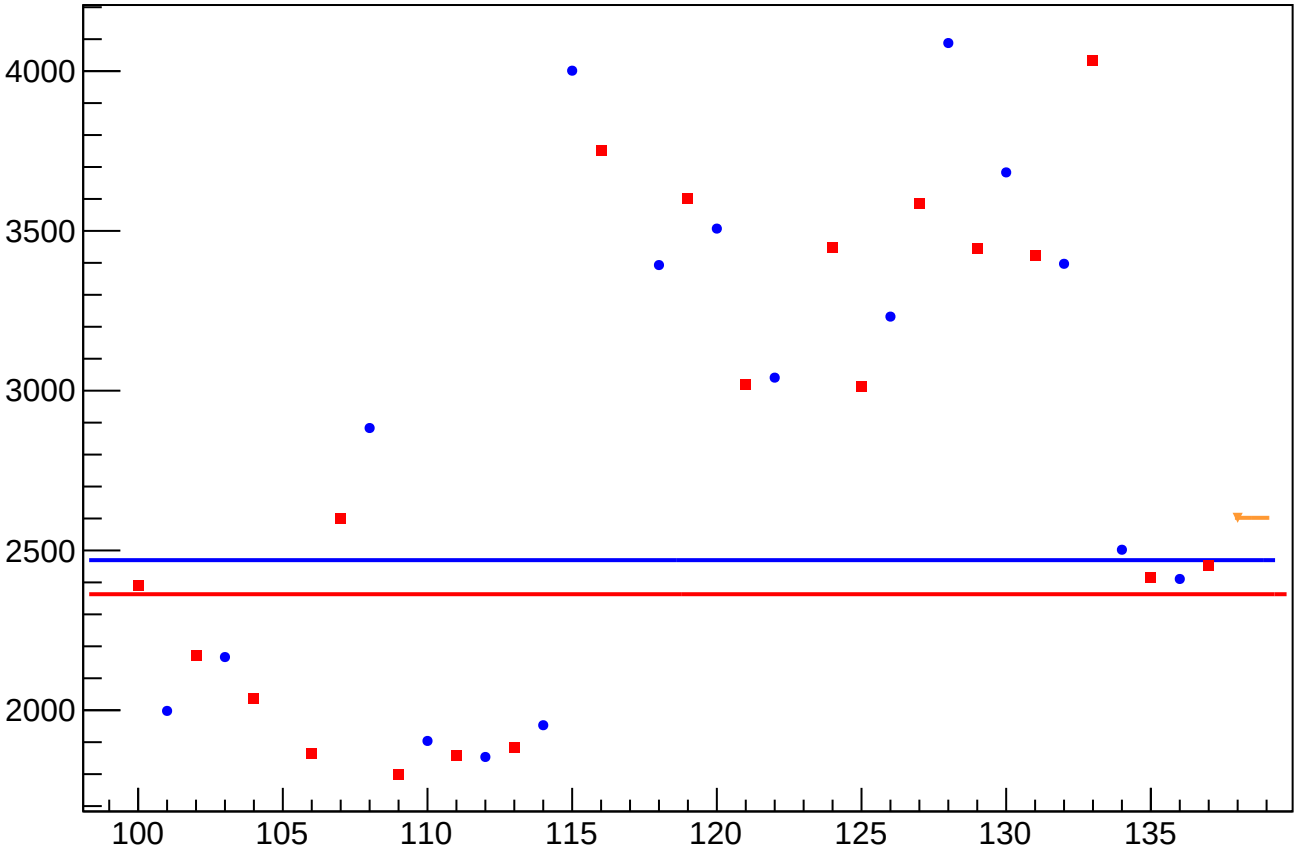
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 648.361+/-907.063 χ^2/NDF: 22.5/16

All: 1309.268+/-638.772 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_rms vs Slug



Right In: 2469.639+/-0.674 χ^2/NDF: 886179.0/15

Left Out: 2602.104+/-2.096 χ^2/NDF:0.0/0

Right Out: 2363.052+/-0.636 χ^2/NDF: 1043344.3/18

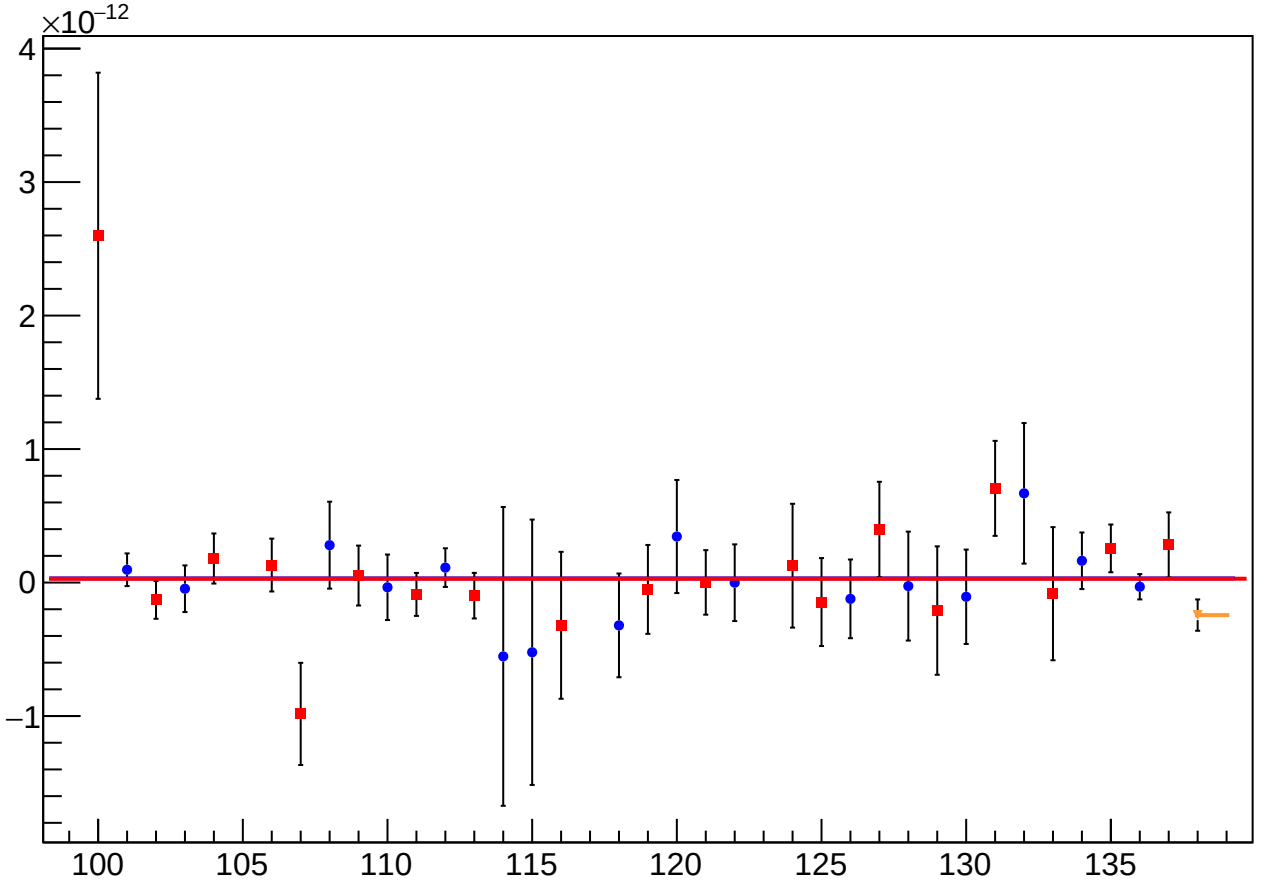
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2482.039+/-0.641 χ^2/NDF: 889798.1/16

All: 2422.061+/-0.452 χ^2/NDF: 1950490.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 6.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

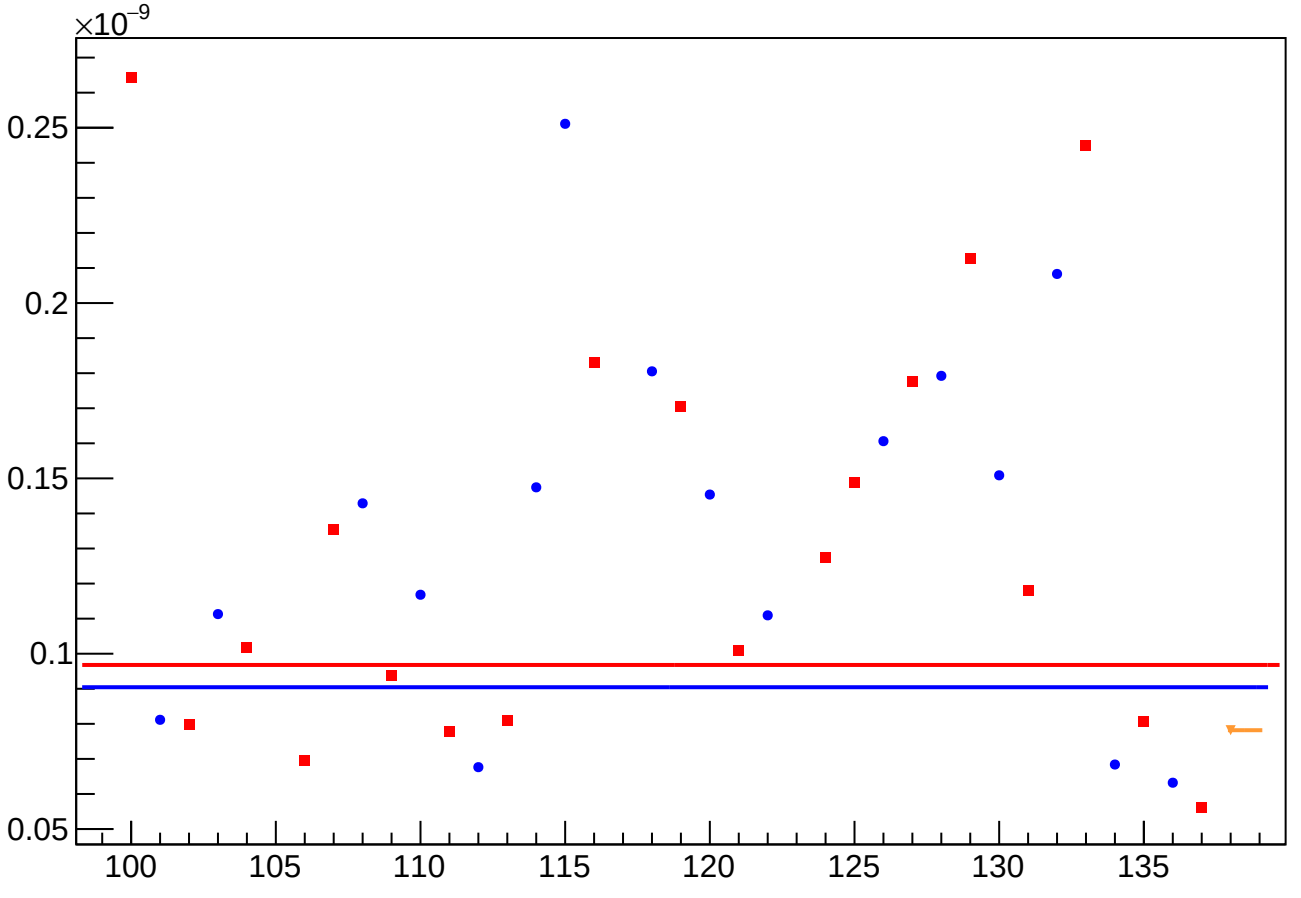
Right Out: 0.000+/-0.000 χ^2/NDF: 23.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 10.7/16

All: 0.000+/-0.000 χ^2/NDF: 34.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 926723.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 851500.3/18

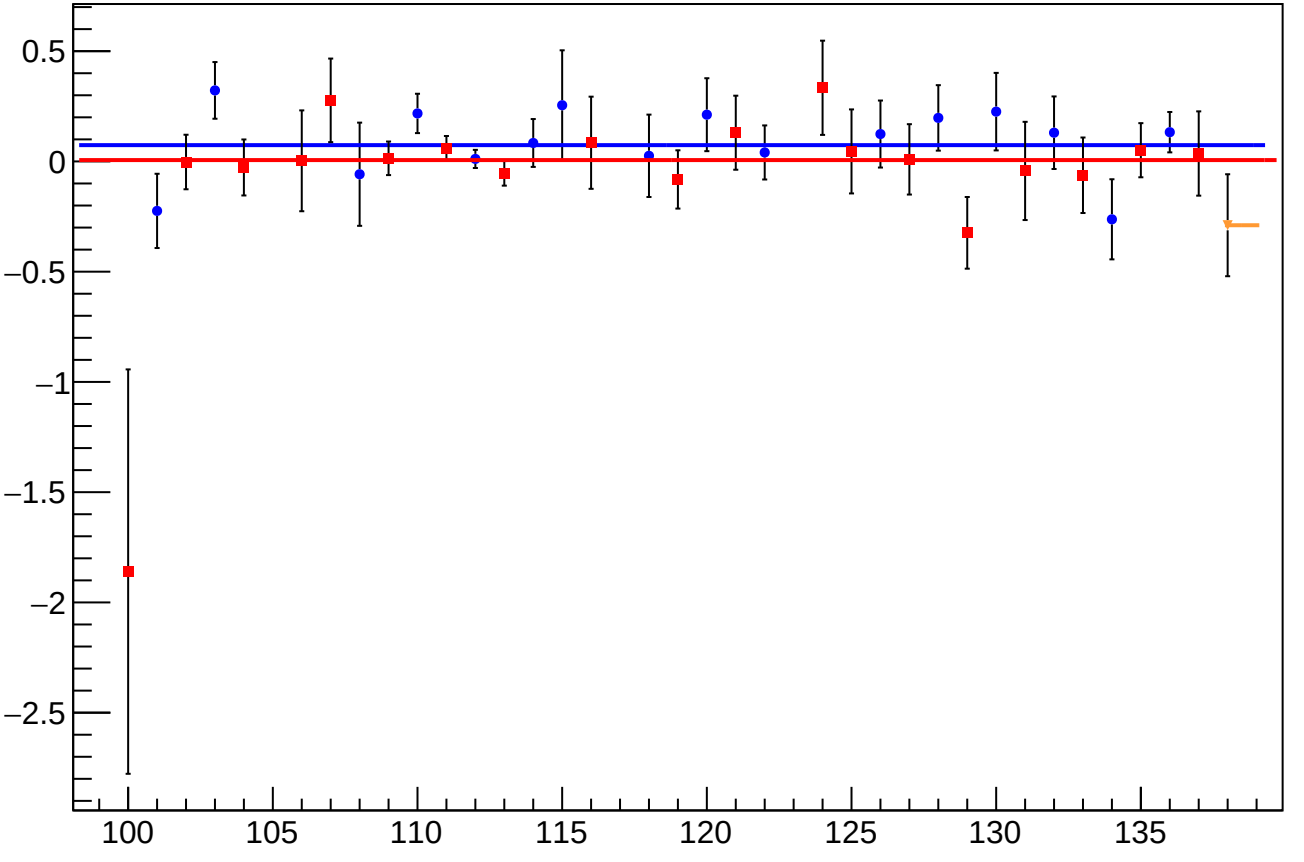
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 944910.4/16

All: 0.000+/-0.000 χ^2/NDF: 1822400.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.074+/-0.027 χ^2/NDF: 19.0/15

Left Out: -0.289+/-0.231 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF: 16.4/18

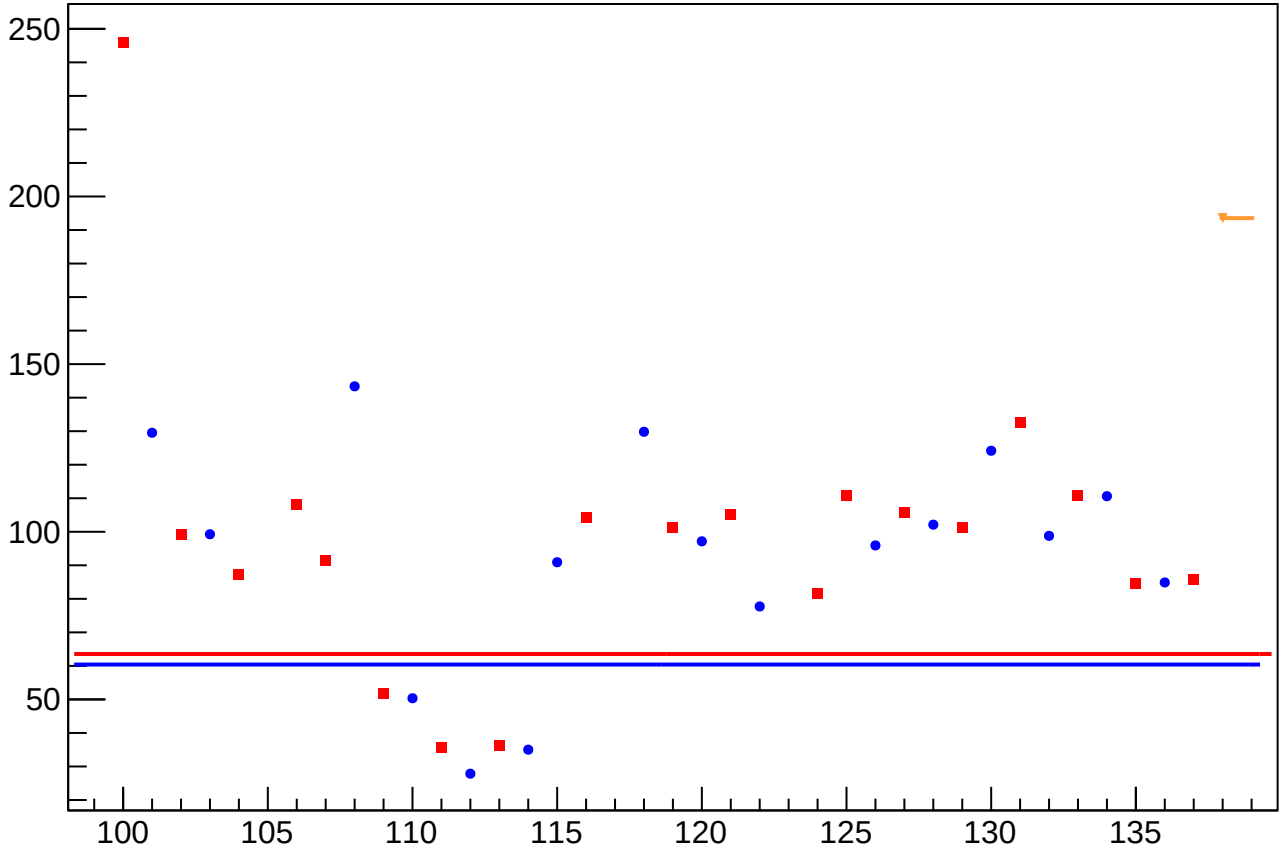
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.069+/-0.027 χ^2/NDF: 21.4/16

All: 0.038+/-0.019 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 60.401+/-0.019 χ^2/NDF: 3538126.0/15

Left Out: 193.543+/-0.164 χ^2/NDF:0.0/0

Right Out: 63.553+/-0.019 χ^2/NDF: 2654516.9/18

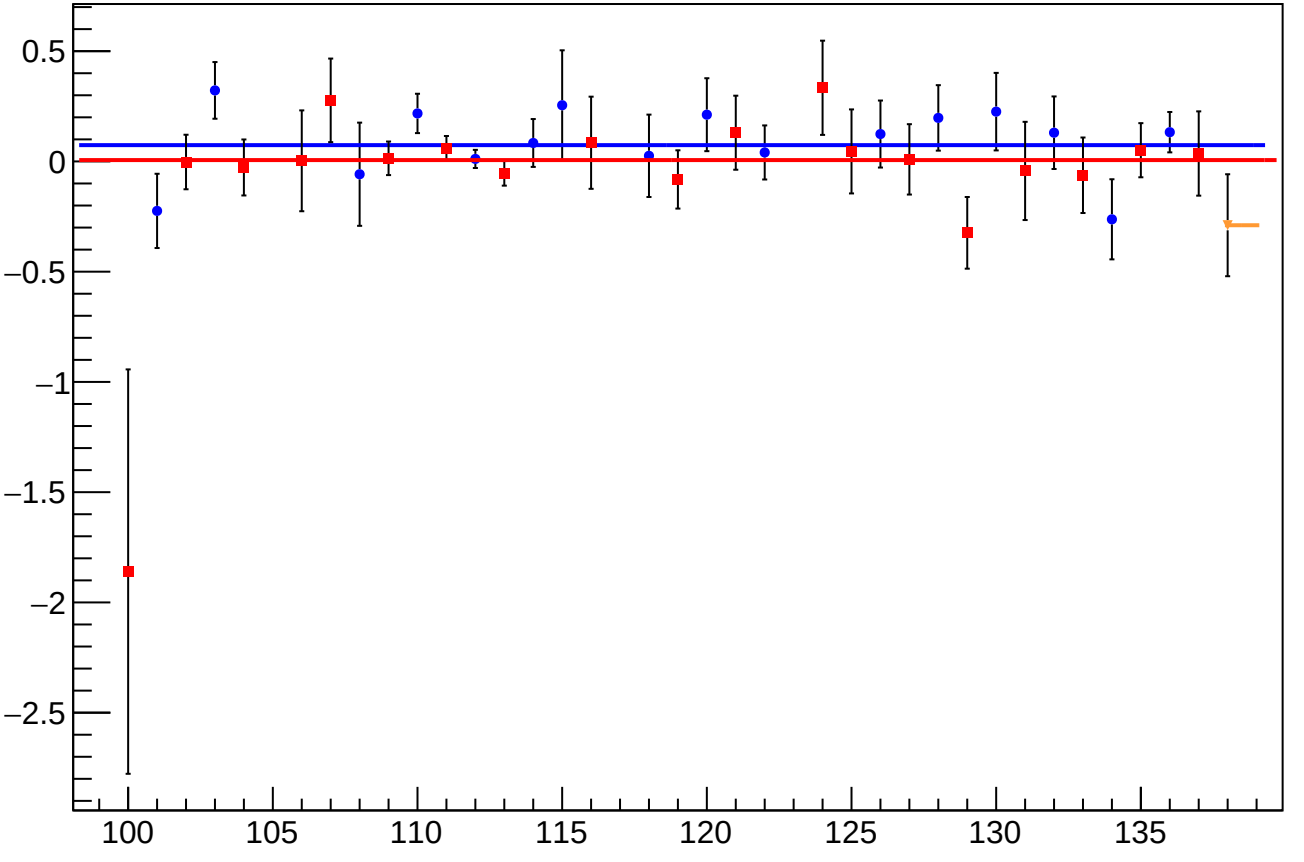
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 62.193+/-0.019 χ^2/NDF: 4192250.7/16

All: 62.873+/-0.013 χ^2/NDF: 6849333.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.074+/-0.027 χ^2/NDF: 19.0/15

Left Out: -0.289+/-0.231 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF: 16.4/18

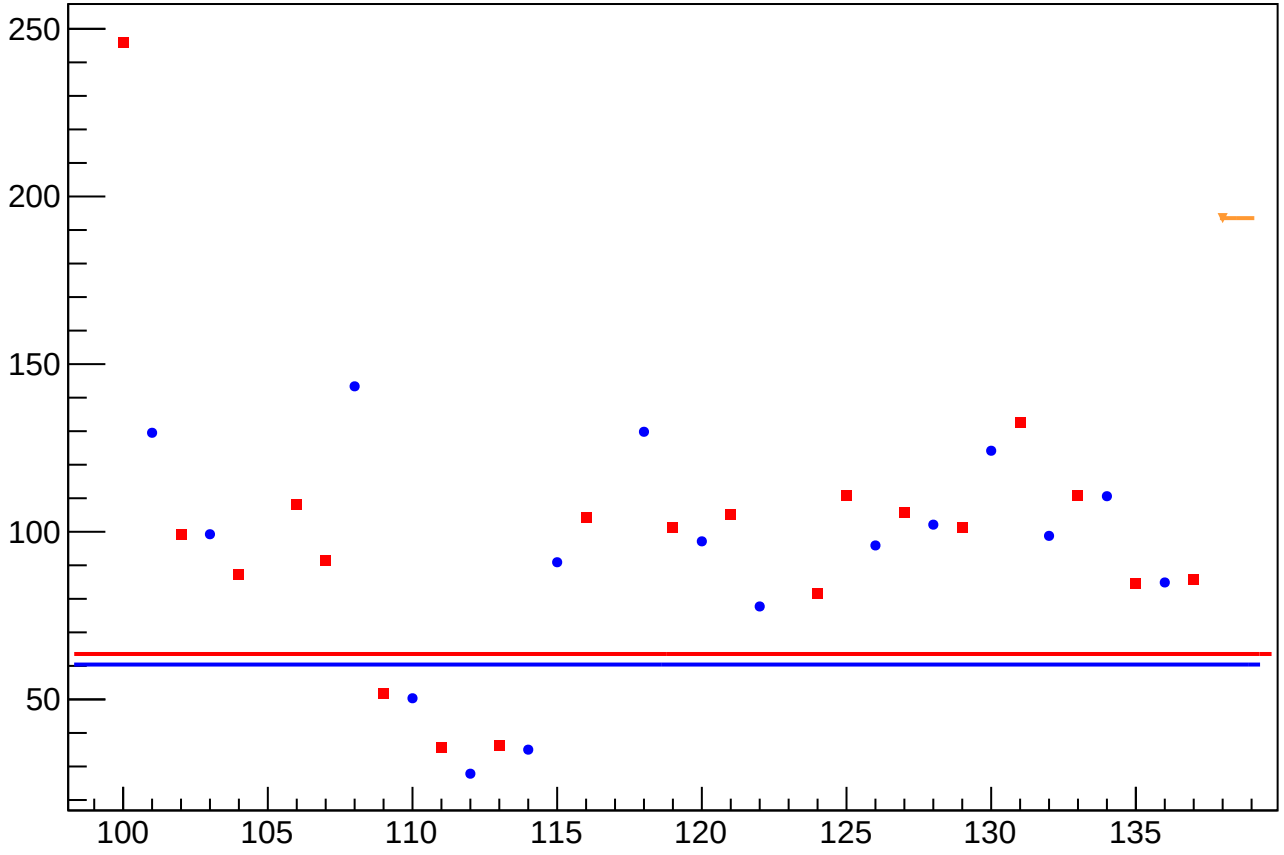
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.069+/-0.027 χ^2/NDF: 21.4/16

All: 0.038+/-0.019 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 60.401+/-0.019 χ^2/NDF: 3538126.0/15

Left Out: 193.543+/-0.164 χ^2/NDF:0.0/0

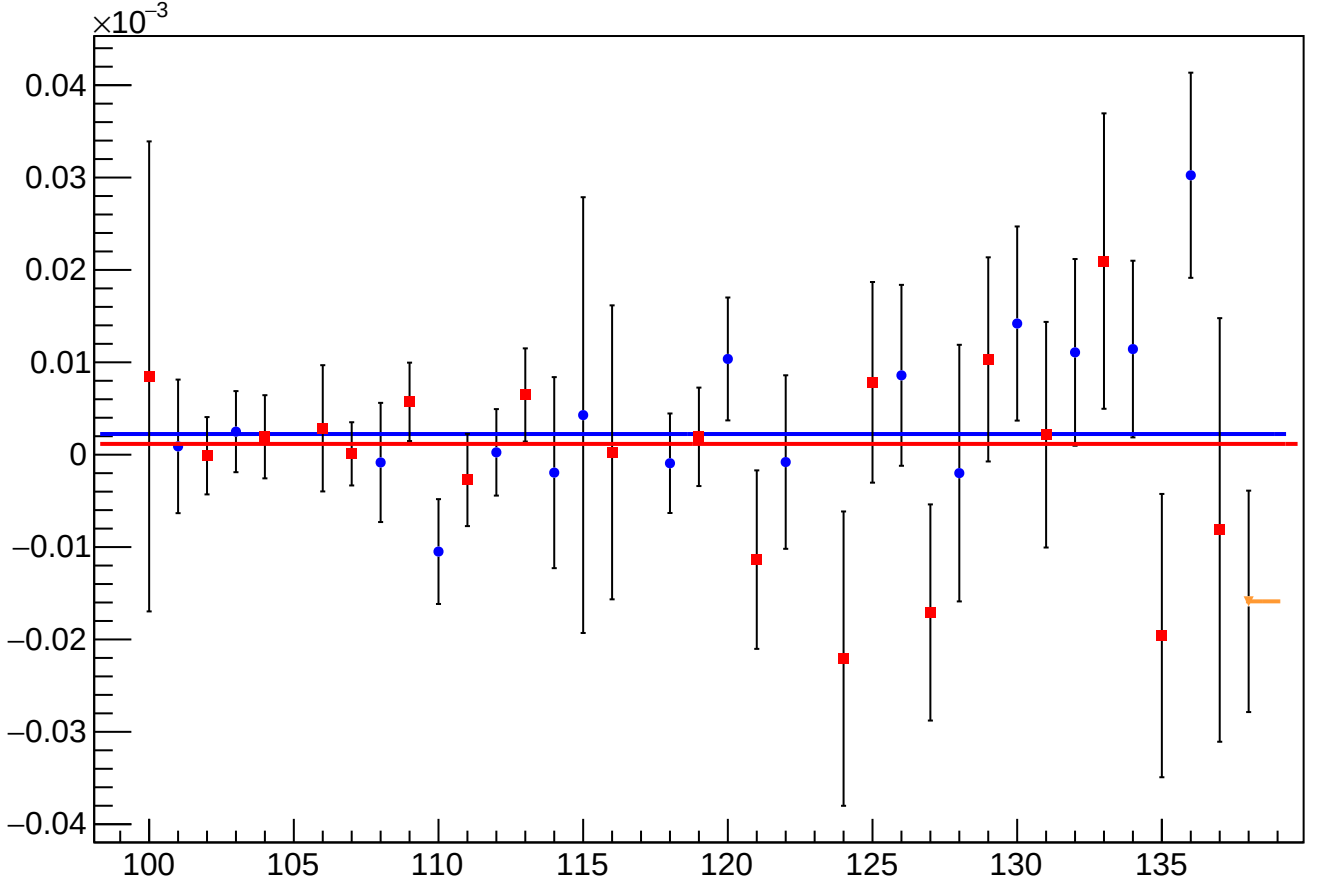
Right Out: 63.553+/-0.019 χ^2/NDF: 2654516.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 62.193+/-0.019 χ^2/NDF: 4192250.7/16

All: 62.873+/-0.013 χ^2/NDF: 6849333.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 17.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

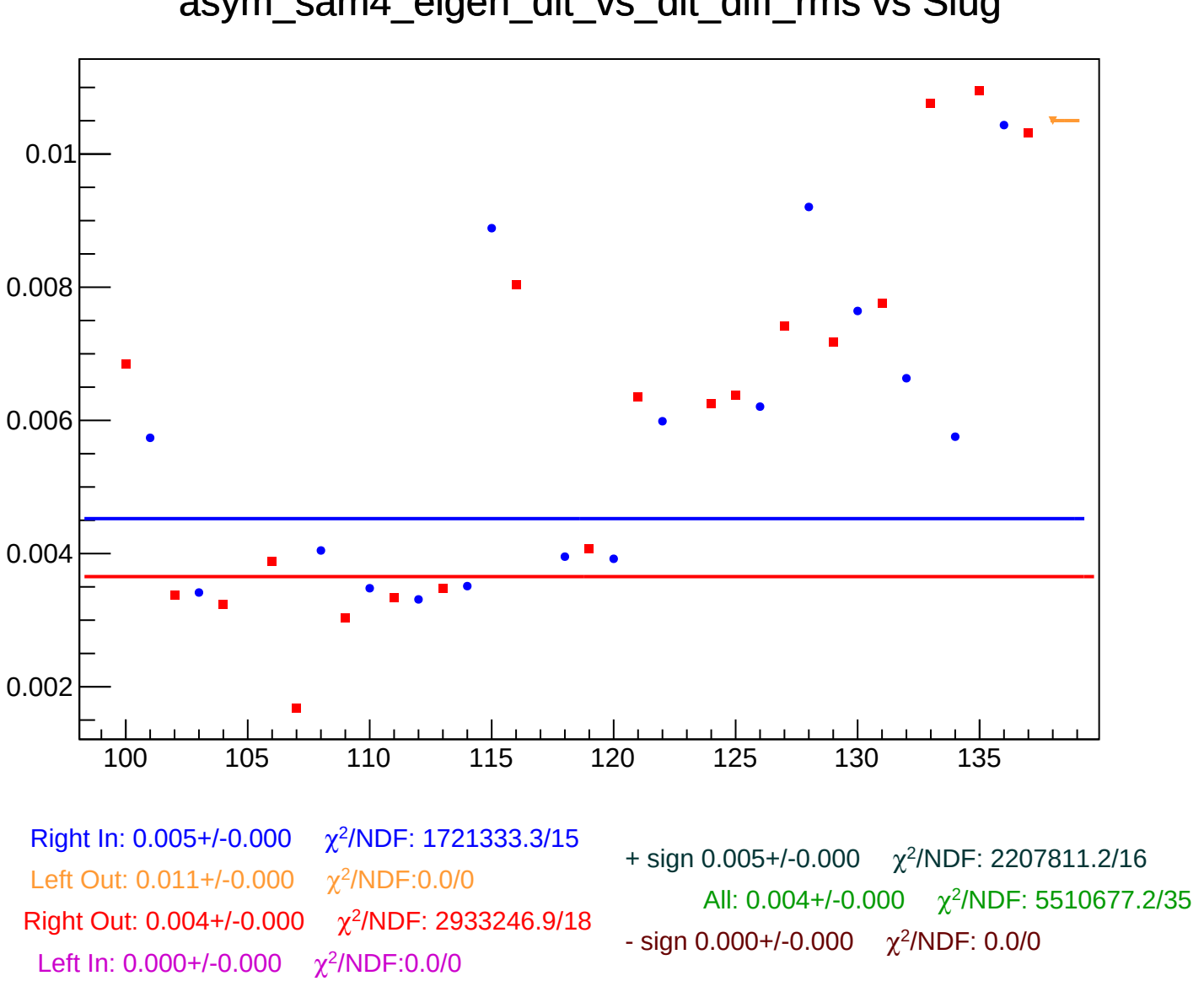
Right Out: 0.000+/-0.000 χ^2/NDF: 14.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

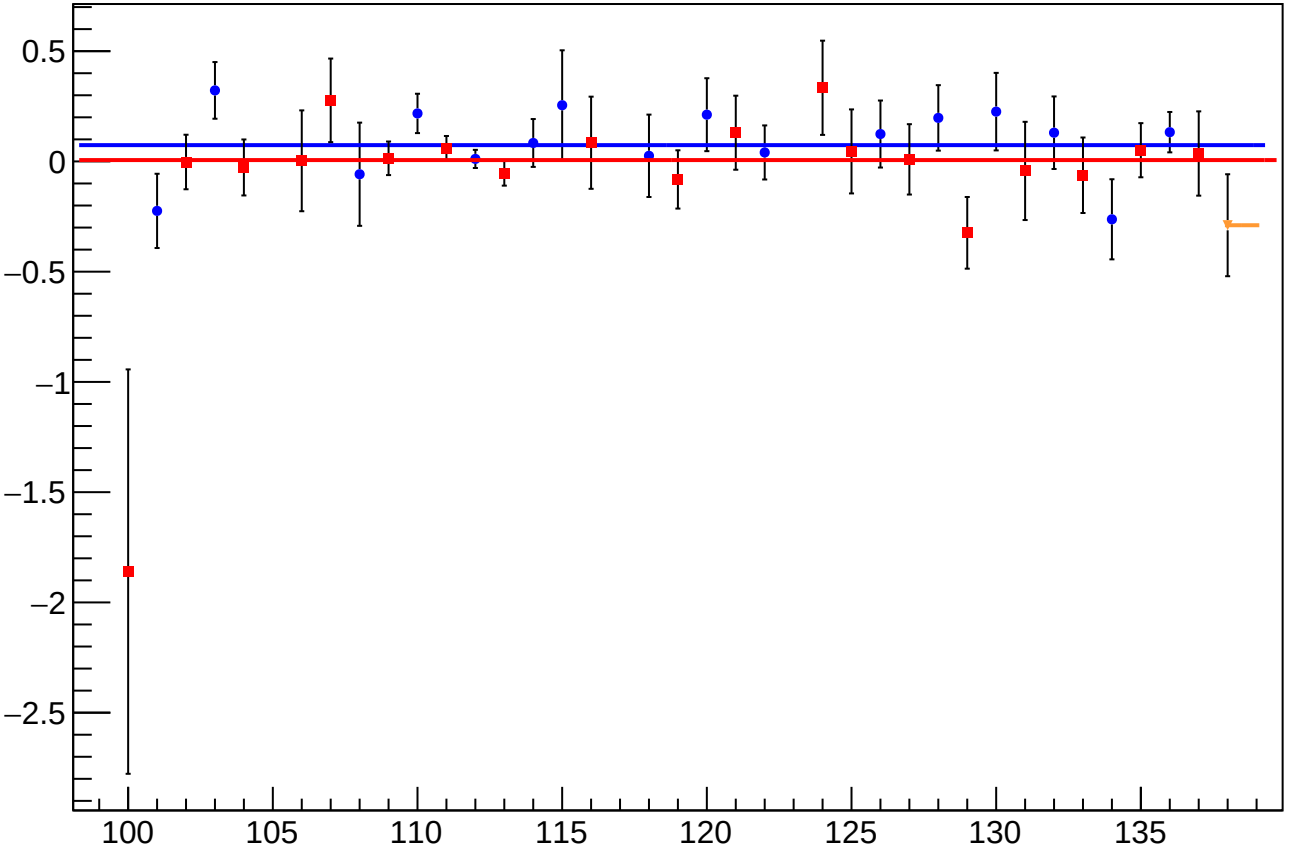
+ sign 0.000+/-0.000 χ^2/NDF: 19.7/16

All: 0.000+/-0.000 χ^2/NDF: 33.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.005+/-0.000 χ²/NDF: 1721333.3/15
Left Out: 0.011+/-0.000 χ²/NDF:0.0/0
Right Out: 0.004+/-0.000 χ²/NDF: 2933246.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.005+/-0.000 χ²/NDF: 2207811.2/16
All: 0.004+/-0.000 χ²/NDF: 5510677.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.074+/-0.027 χ^2/NDF: 19.0/15

Left Out: -0.289+/-0.231 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF: 16.4/18

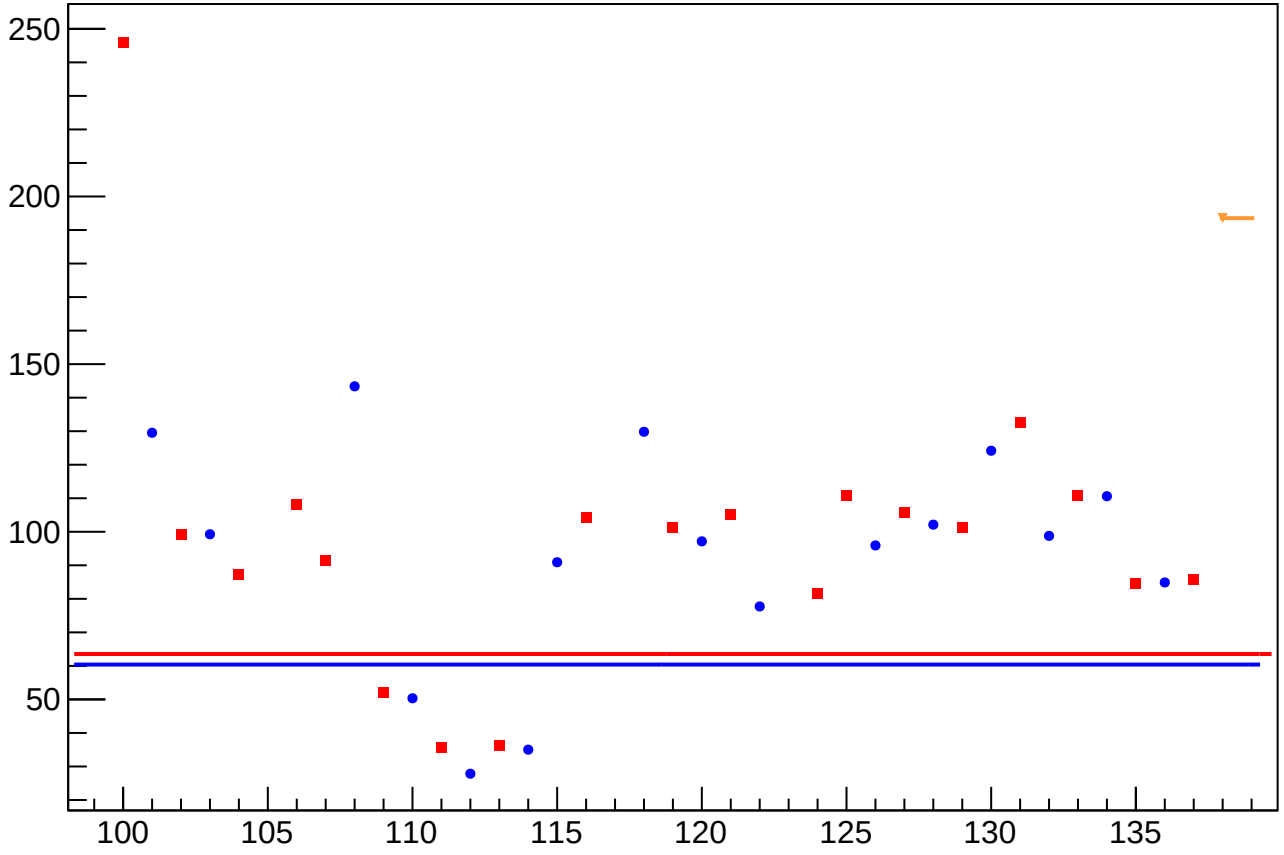
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.069+/-0.027 χ^2/NDF: 21.4/16

All: 0.038+/-0.019 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 60.399+/-0.019 χ^2/NDF: 3538382.9/15

Left Out: 193.541+/-0.164 χ^2/NDF:0.0/0

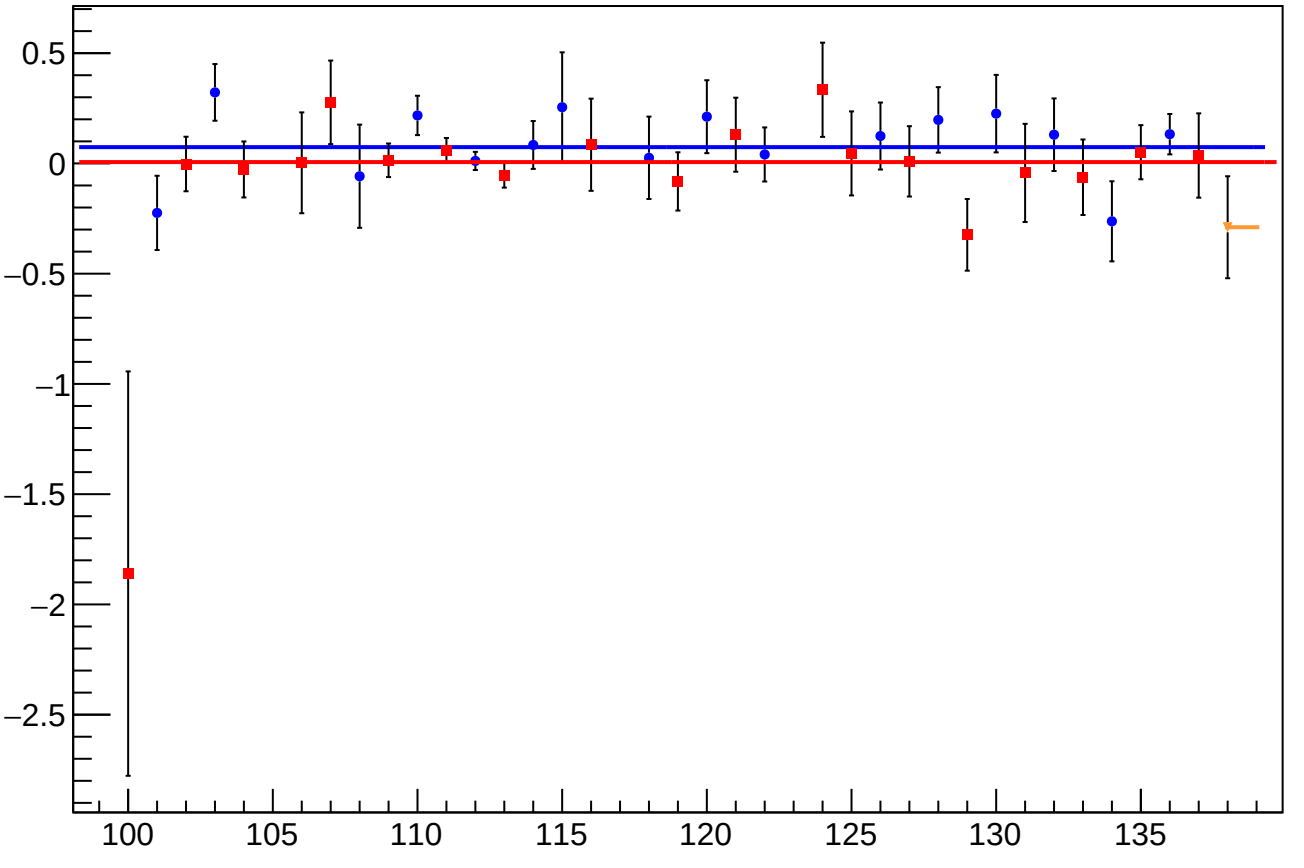
Right Out: 63.551+/-0.019 χ^2/NDF: 2654786.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 62.191+/-0.019 χ^2/NDF: 4192519.1/16

All: 62.871+/-0.013 χ^2/NDF: 6849873.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.074+/-0.027 χ^2/NDF: 19.0/15

Left Out: -0.289+/-0.231 χ^2/NDF:0.0/0

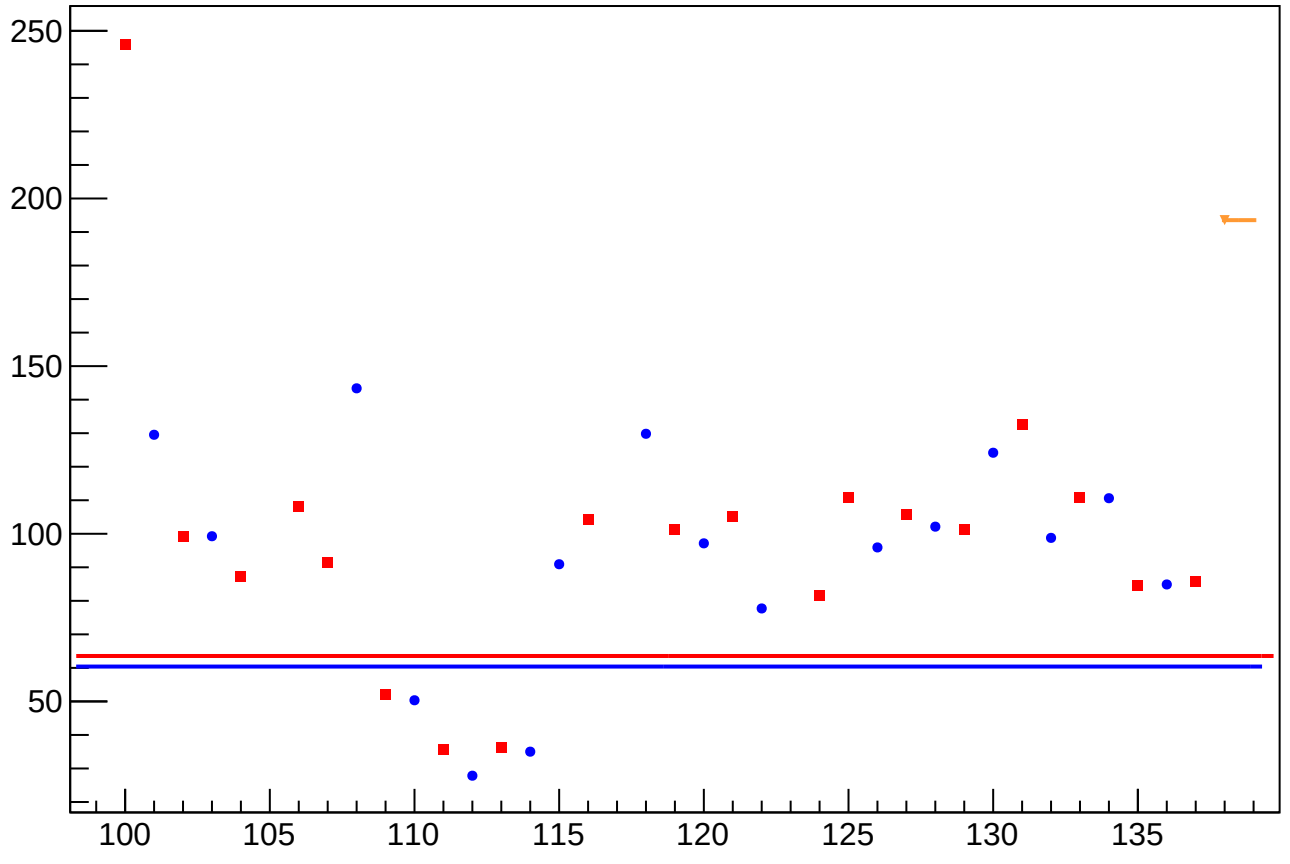
Right Out: 0.006+/-0.027 χ^2/NDF: 16.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.069+/-0.027 χ^2/NDF: 21.4/16

All: 0.038+/-0.019 χ^2/NDF: 40.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 60.399+/-0.019 χ^2/NDF: 3538382.9/15

Left Out: 193.541+/-0.164 χ^2/NDF:0.0/0

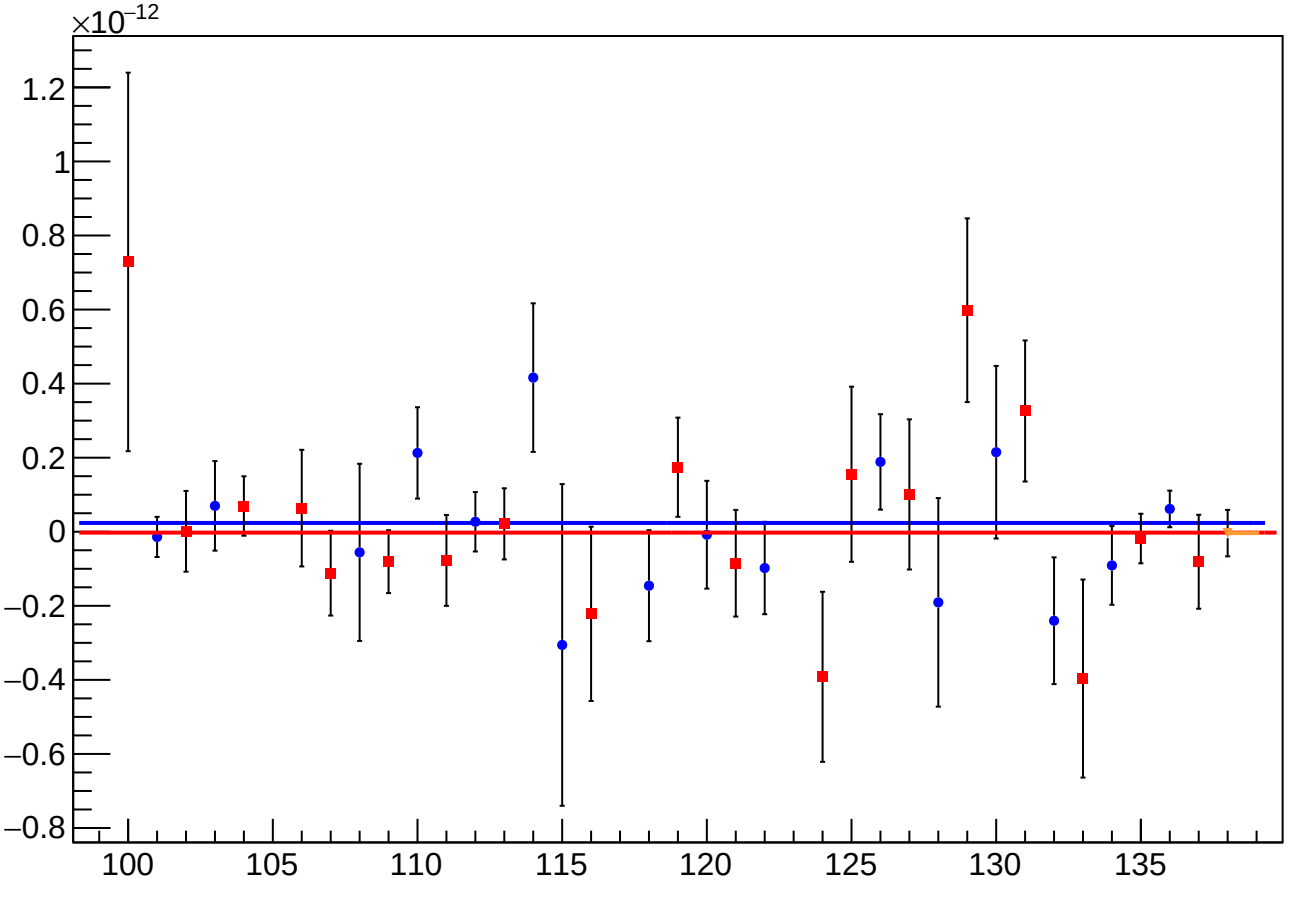
Right Out: 63.551+/-0.019 χ^2/NDF: 2654786.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 62.191+/-0.019 χ^2/NDF: 4192519.1/16

All: 62.871+/-0.013 χ^2/NDF: 6849873.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

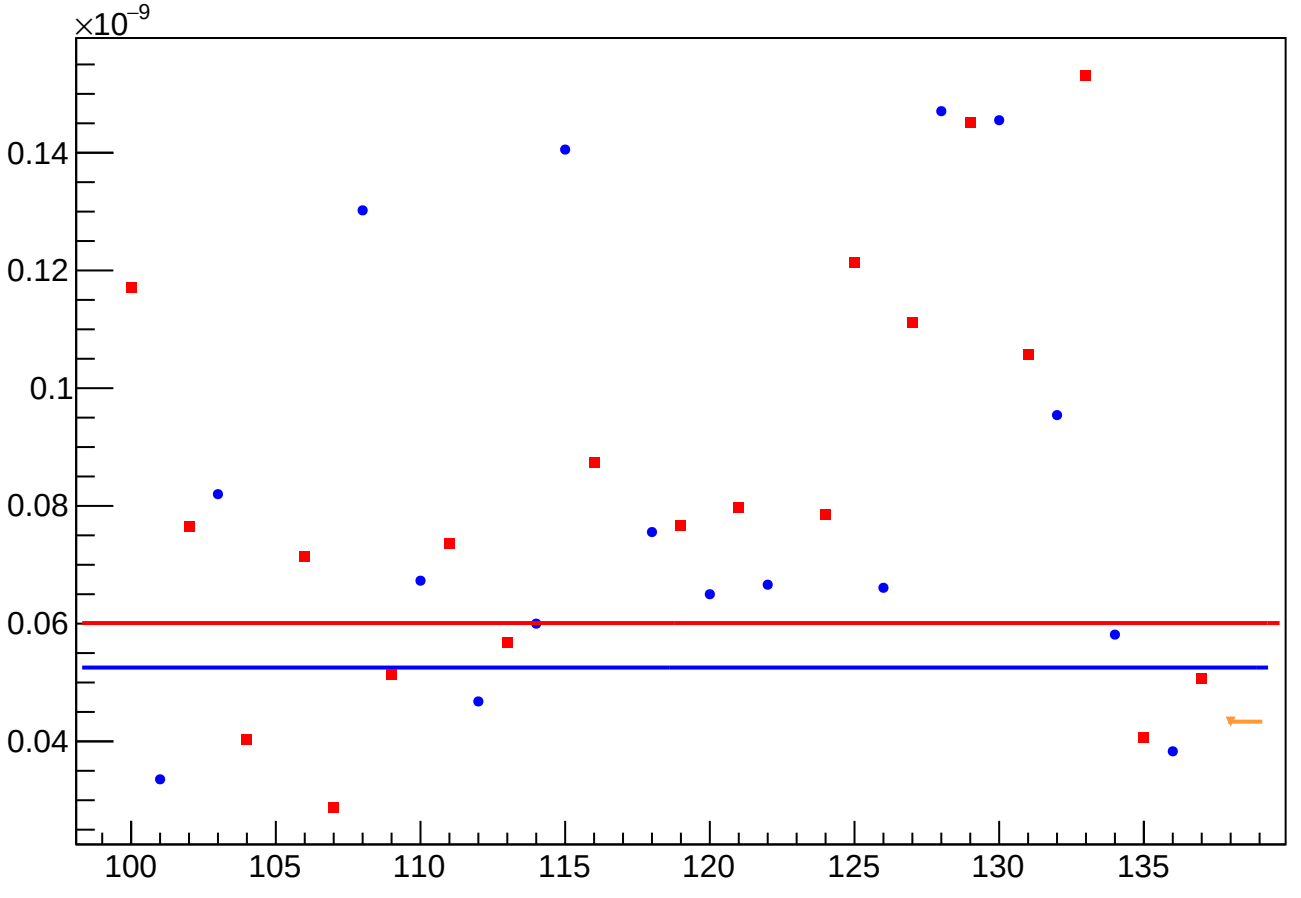
Right Out: -0.000+/-0.000 χ^2/NDF: 23.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.0/16

All: 0.000+/-0.000 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1649207.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1539049.5/18

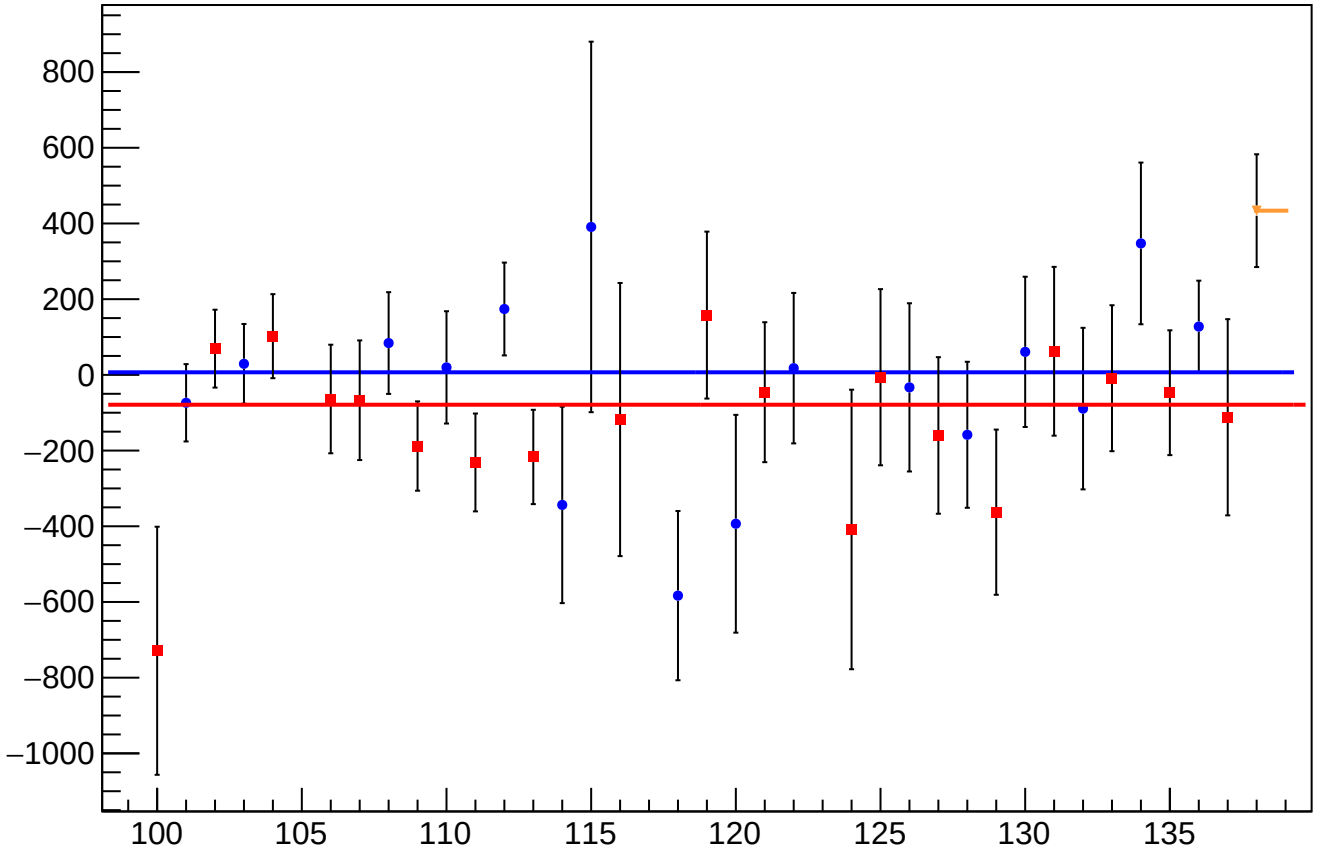
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1685800.3/16

All: 0.000+/-0.000 χ^2/NDF: 3337322.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_mean vs Slug



Right In: 6.811+/-40.353 χ^2/NDF: 18.8/15

Left Out: 433.833+/-149.000 χ^2/NDF:0.0/0

Right Out: -78.883+/-37.906 χ^2/NDF: 16.7/18

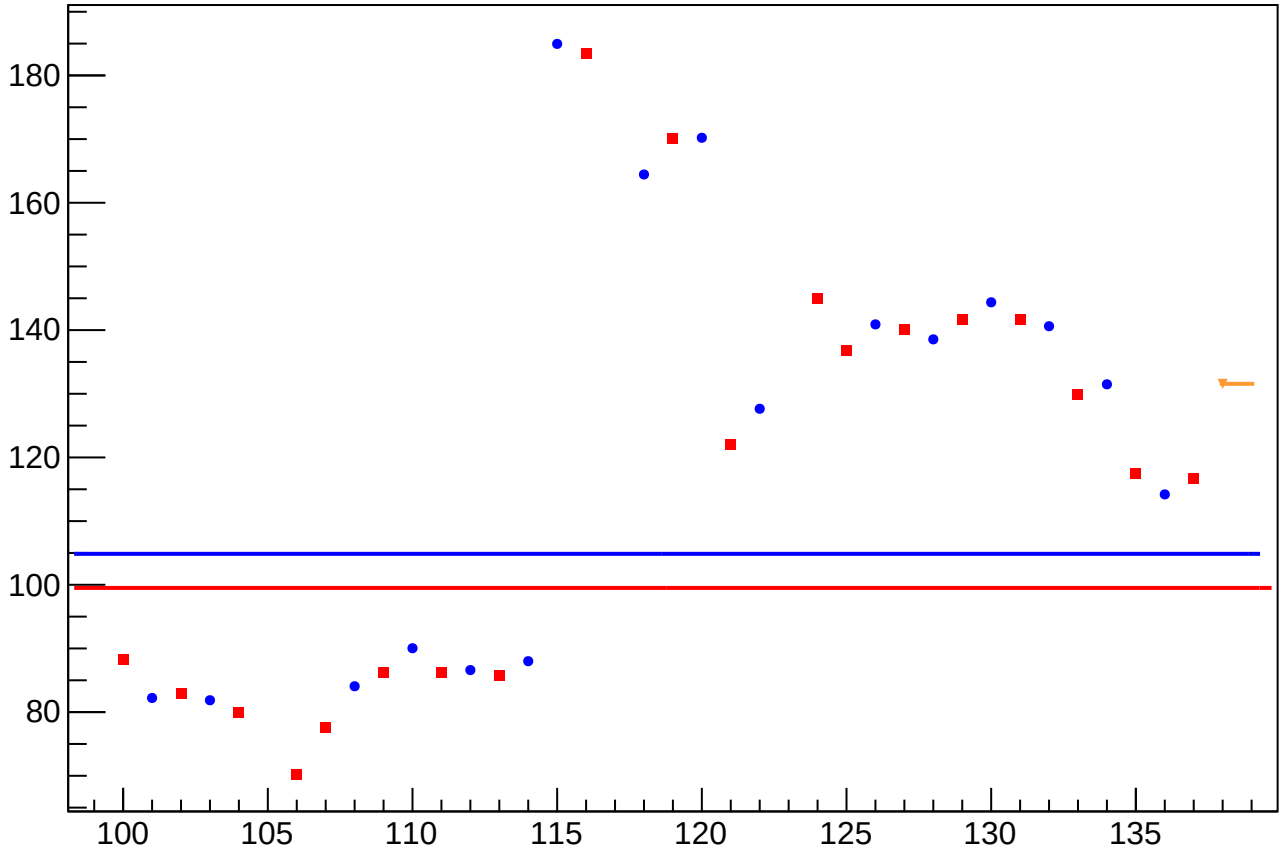
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.991+/-38.950 χ^2/NDF: 26.4/16

All: -23.006+/-27.165 χ^2/NDF: 47.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 104.860+/-0.029 χ^2/NDF: 931228.4/15

Left Out: 131.560+/-0.105 χ^2/NDF:0.0/0

Right Out: 99.508+/-0.027 χ^2/NDF: 1039037.0/18

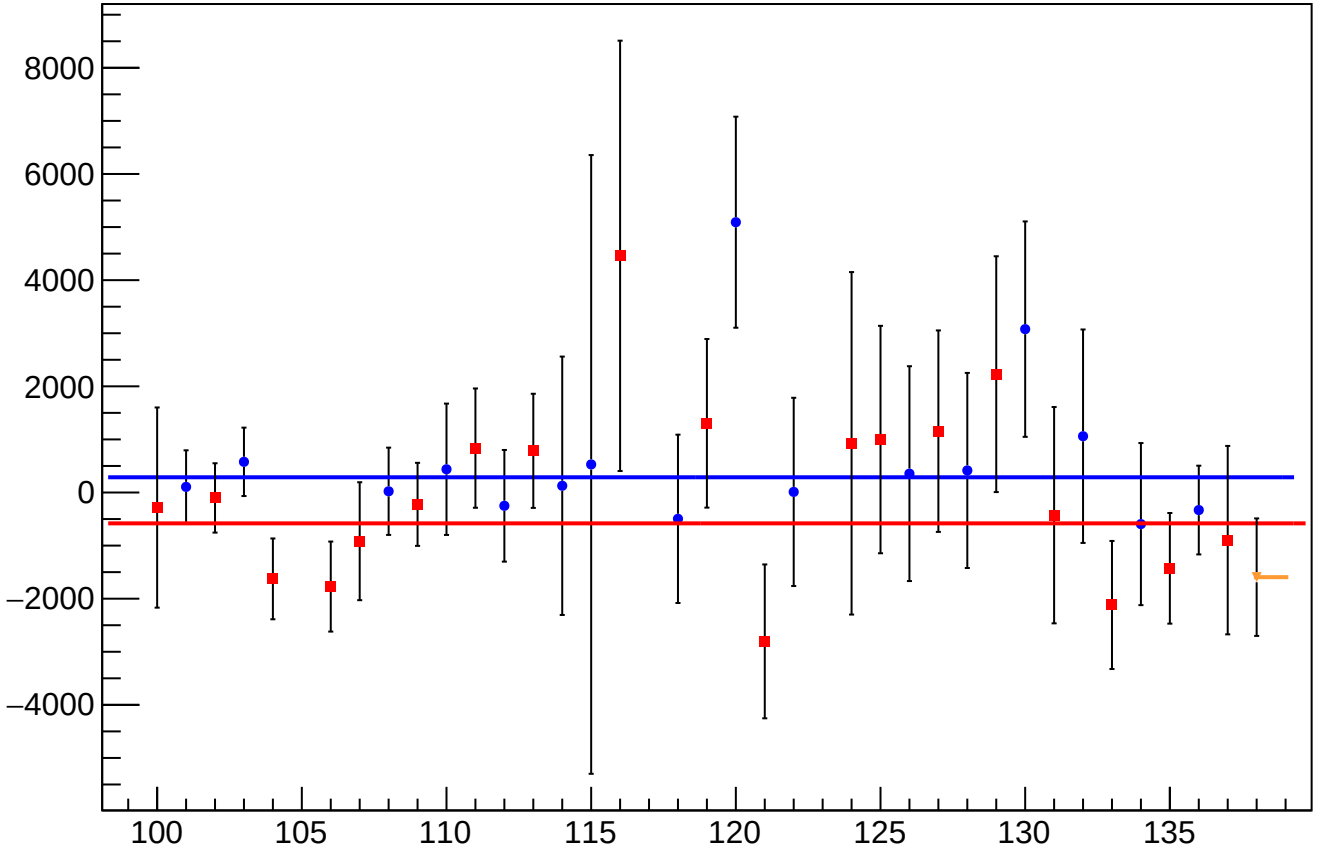
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.684+/-0.028 χ^2/NDF: 991060.9/16

All: 102.999+/-0.019 χ^2/NDF: 2064968.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 286.915+/-293.474 χ^2/NDF: 9.7/15

Left Out: -1594.641+/-1106.694 χ^2/NDF:0.0/0

Right Out: -581.217+/-269.775 χ^2/NDF: 18.8/18

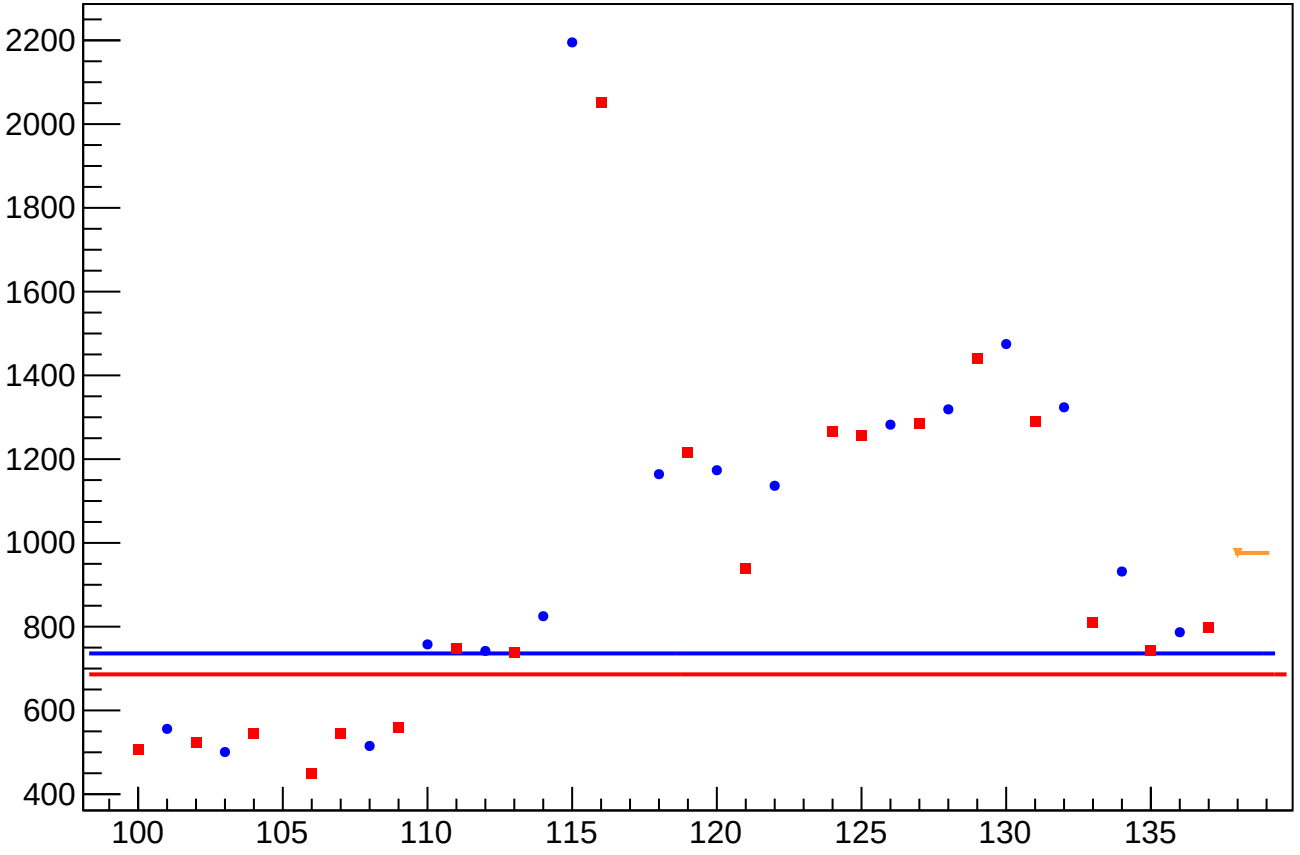
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 163.296+/-283.669 χ^2/NDF: 12.4/16

All: -227.640+/-195.487 χ^2/NDF: 34.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 736.084+/-0.208 χ^2/NDF: 1844496.2/15

Left Out: 976.061+/-0.783 χ^2/NDF:0.0/0

Right Out: 686.108+/-0.191 χ^2/NDF: 1819176.0/18

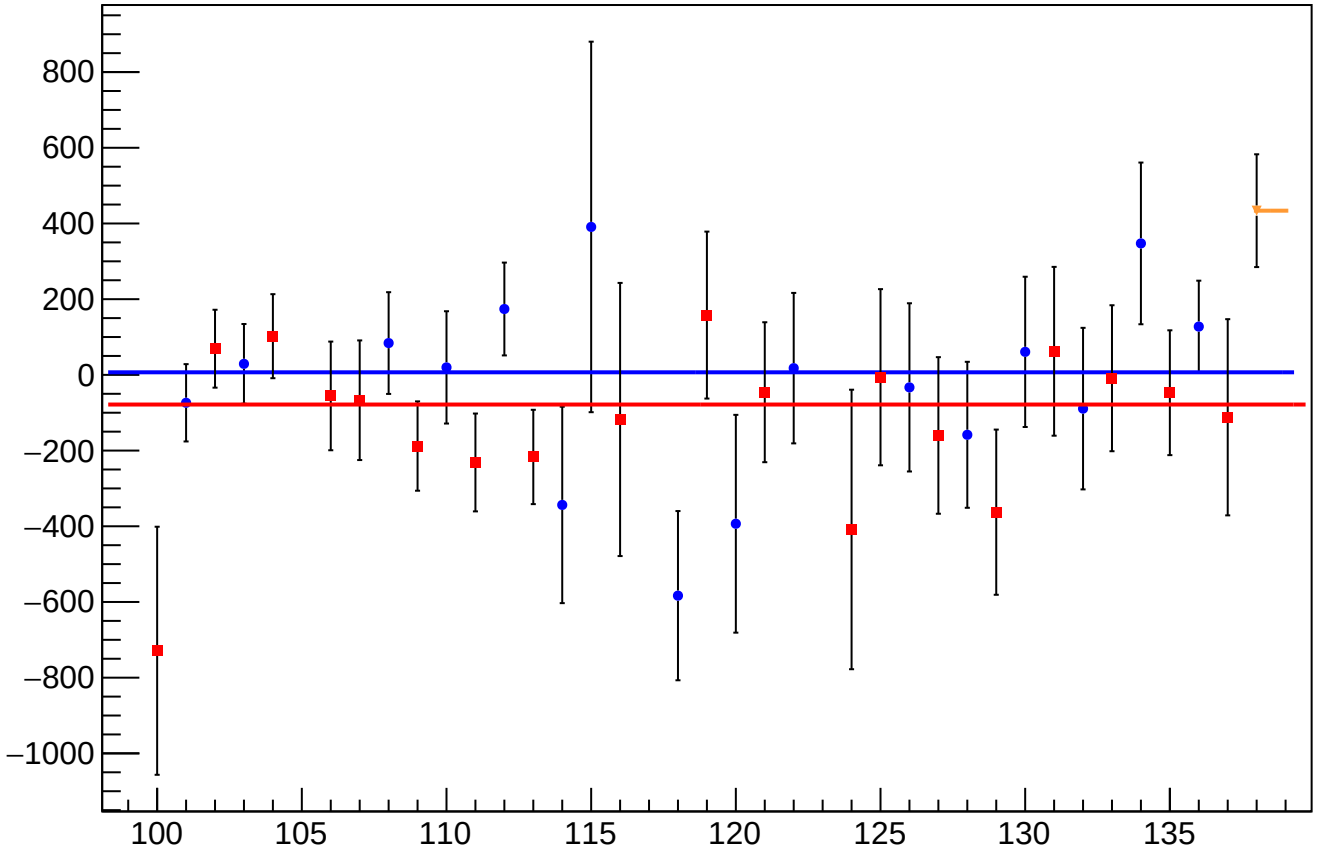
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 751.851+/-0.201 χ^2/NDF: 1932358.4/16

All: 717.330+/-0.138 χ^2/NDF: 3807940.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam5_mean vs Slug



Right In: 6.799+/-40.353 χ^2/NDF: 18.8/15

Left Out: 433.816+/-149.000 χ^2/NDF:0.0/0

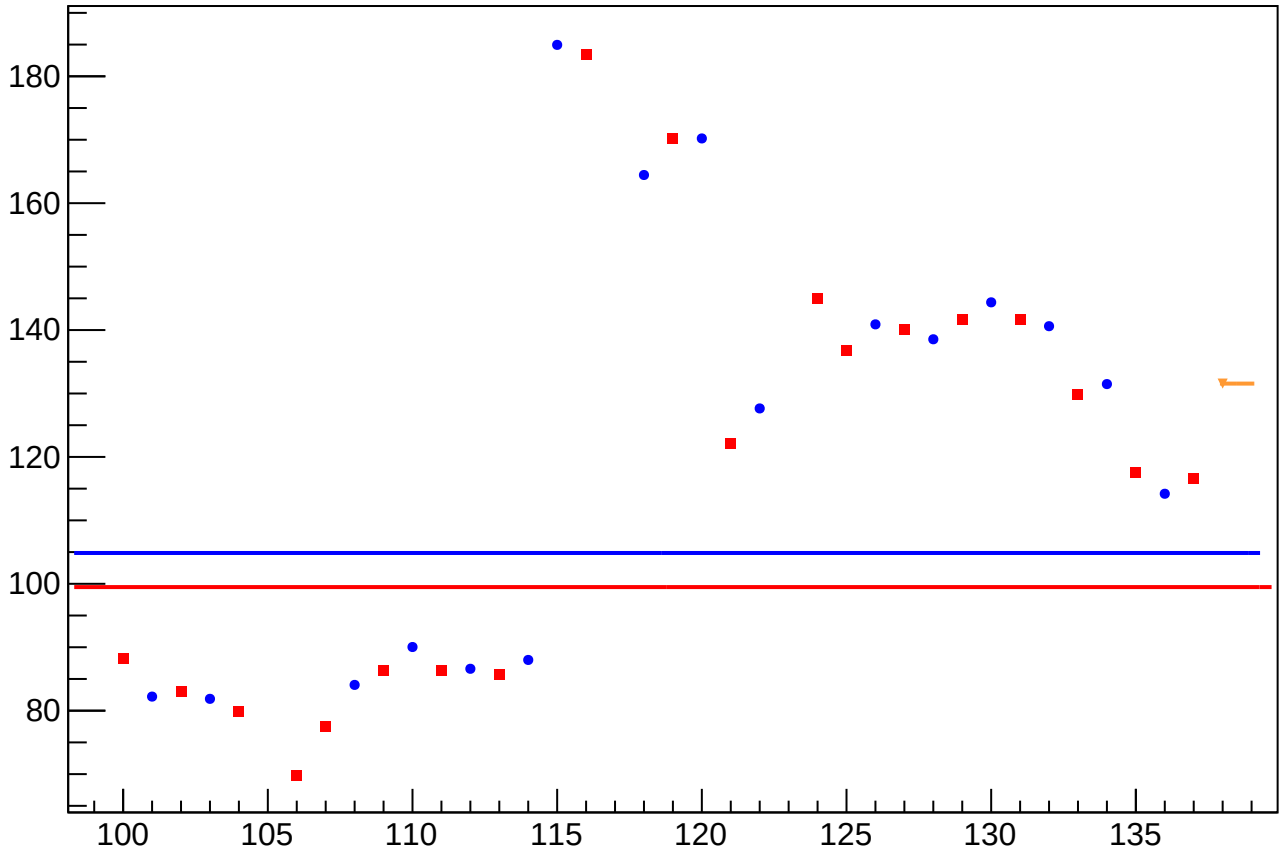
Right Out: -78.347+/-37.909 χ^2/NDF: 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.979+/-38.950 χ^2/NDF: 26.4/16

All: -22.733+/-27.166 χ^2/NDF: 47.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 104.860+/-0.029 χ^2/NDF: 931227.7/15

Left Out: 131.560+/-0.105 χ^2/NDF:0.0/0

Right Out: 99.484+/-0.027 χ^2/NDF: 1041224.0/18

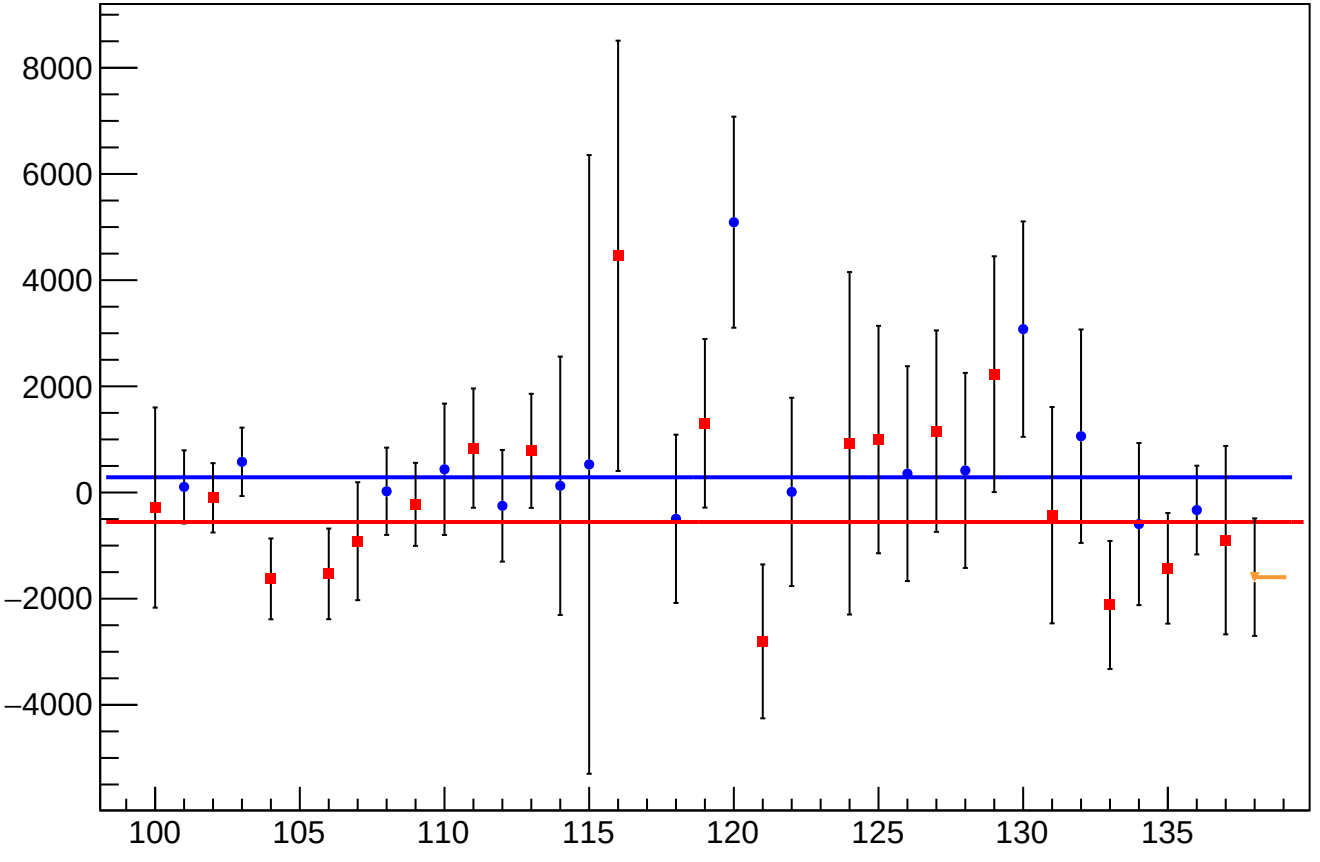
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.684+/-0.028 χ^2/NDF: 991060.2/16

All: 102.987+/-0.019 χ^2/NDF: 2067384.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 286.918+/-293.473 χ^2/NDF: 9.7/15

Left Out: -1594.648+/-1106.695 χ^2/NDF:0.0/0

Right Out: -555.436+/-269.953 χ^2/NDF: 18.0/18

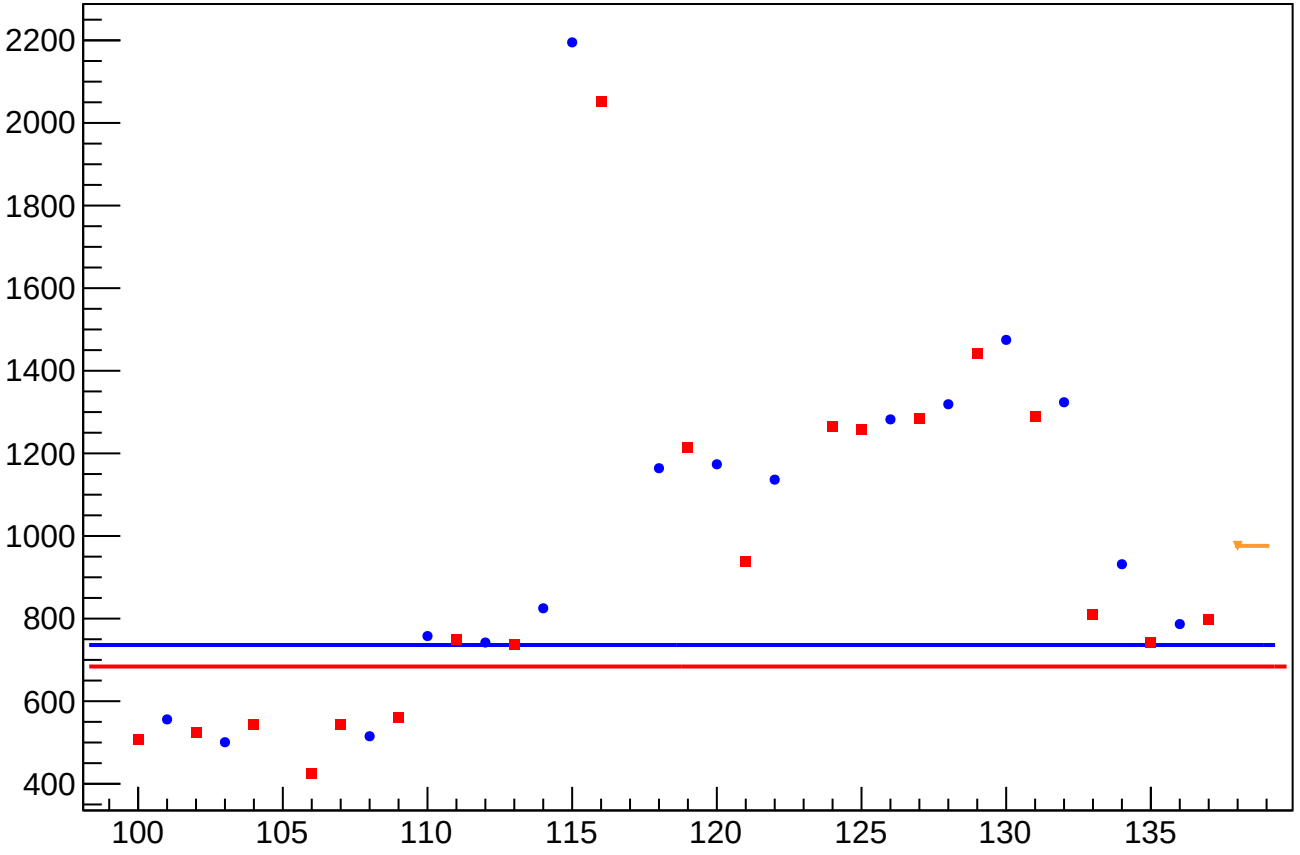
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 163.298+/-283.669 χ^2/NDF: 12.4/16

All: -213.864+/-195.555 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 736.083+/-0.208 χ^2/NDF: 1844498.2/15

Left Out: 976.062+/-0.783 χ^2/NDF:0.0/0

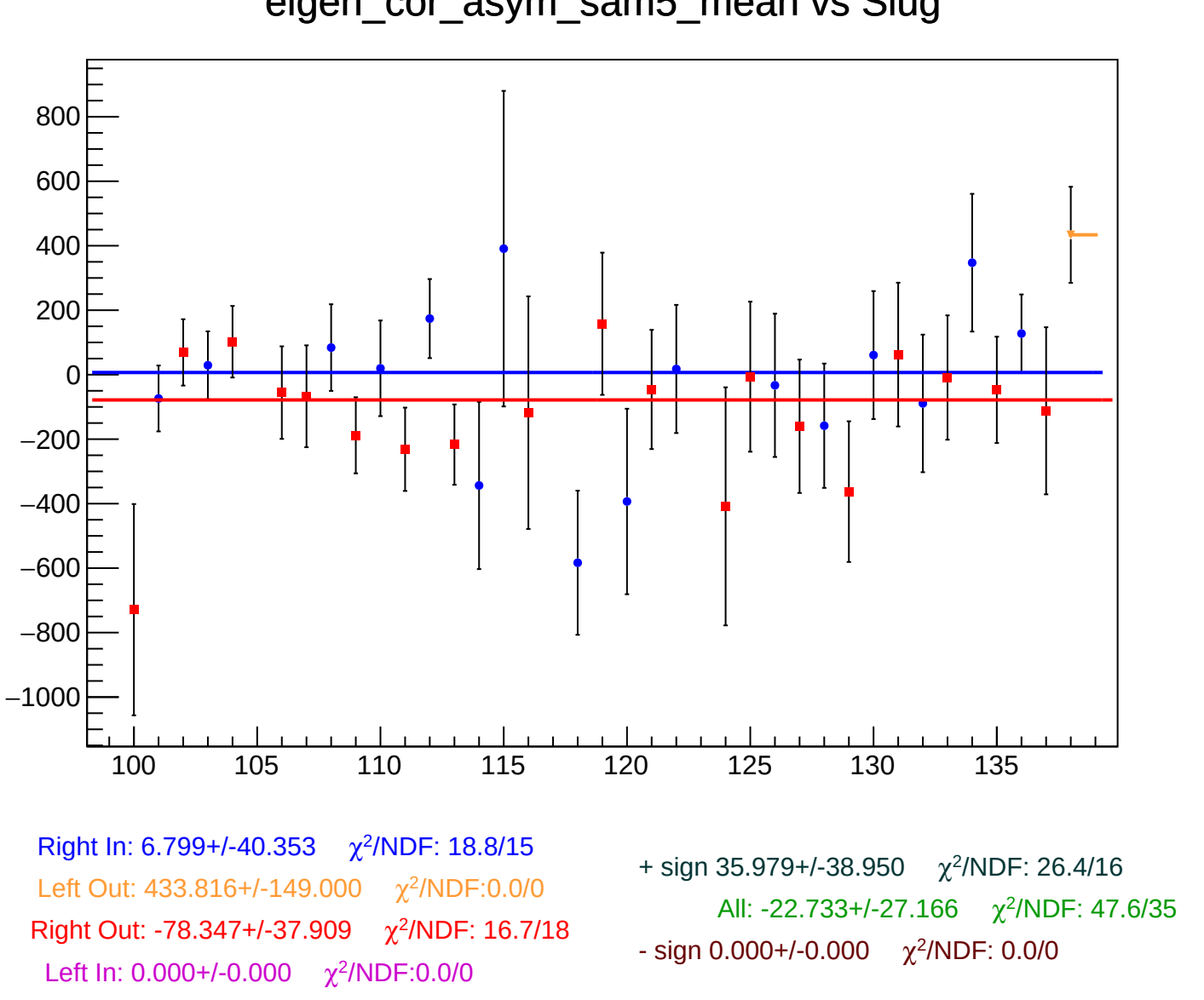
Right Out: 683.981+/-0.191 χ^2/NDF: 1850402.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

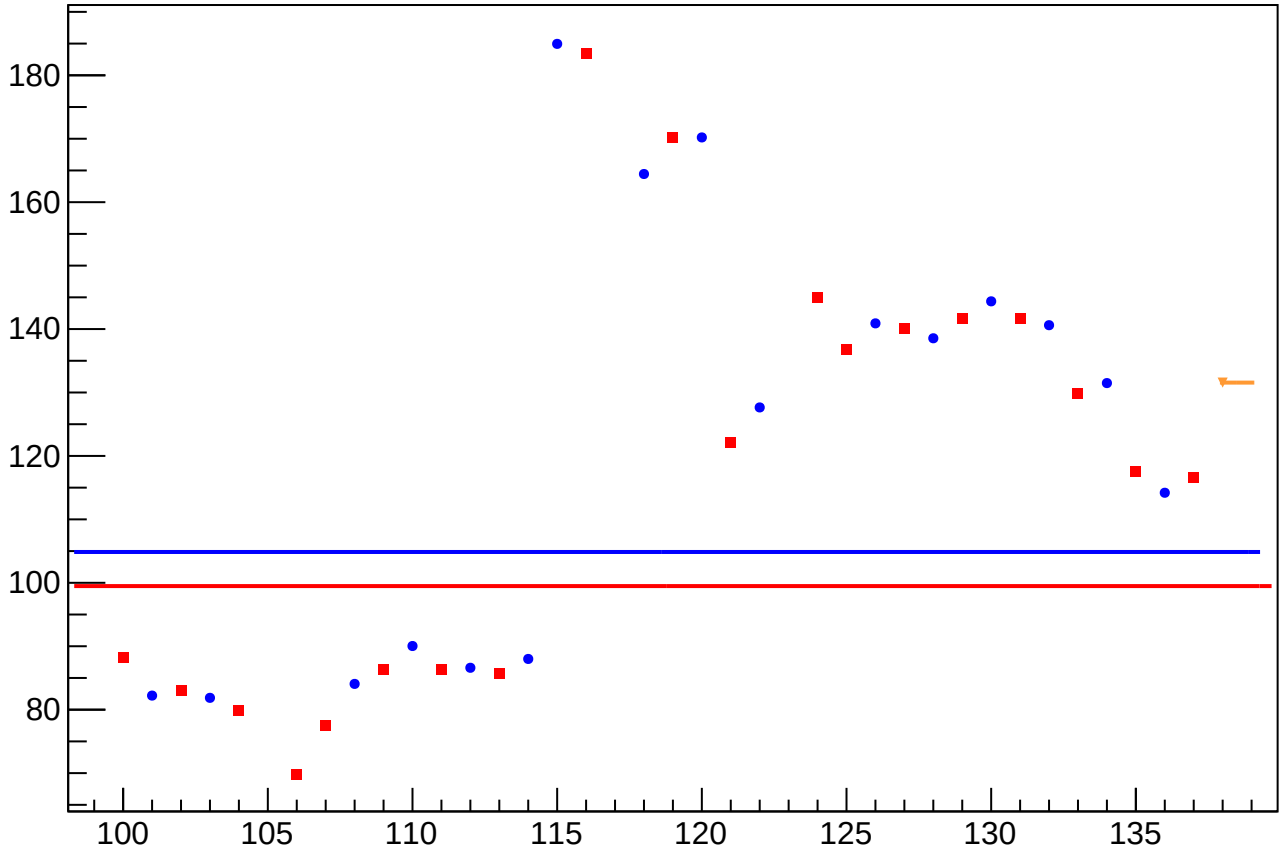
+ sign 751.850+/-0.201 χ^2/NDF: 1932361.2/16

All: 716.235+/-0.138 χ^2/NDF: 3842841.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


eigen_cor_asym_sam5_mean vs Slug
800
600
400
200
0
−200
−400
−600
−800
−1000
100
105
110
115
120
125
130
135
Right In: 6.799+/-40.353 χ²/NDF: 18.8/15
Left Out: 433.816+/-149.000 χ²/NDF:0.0/0
Right Out: -78.347+/-37.909 χ²/NDF: 16.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 35.979+/-38.950 χ²/NDF: 26.4/16
All: -22.733+/-27.166 χ²/NDF: 47.6/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

eigen_cor_asym_sam5_rms vs Slug



Right In: 104.860+/-0.029 χ^2/NDF: 931227.7/15

Left Out: 131.560+/-0.105 χ^2/NDF:0.0/0

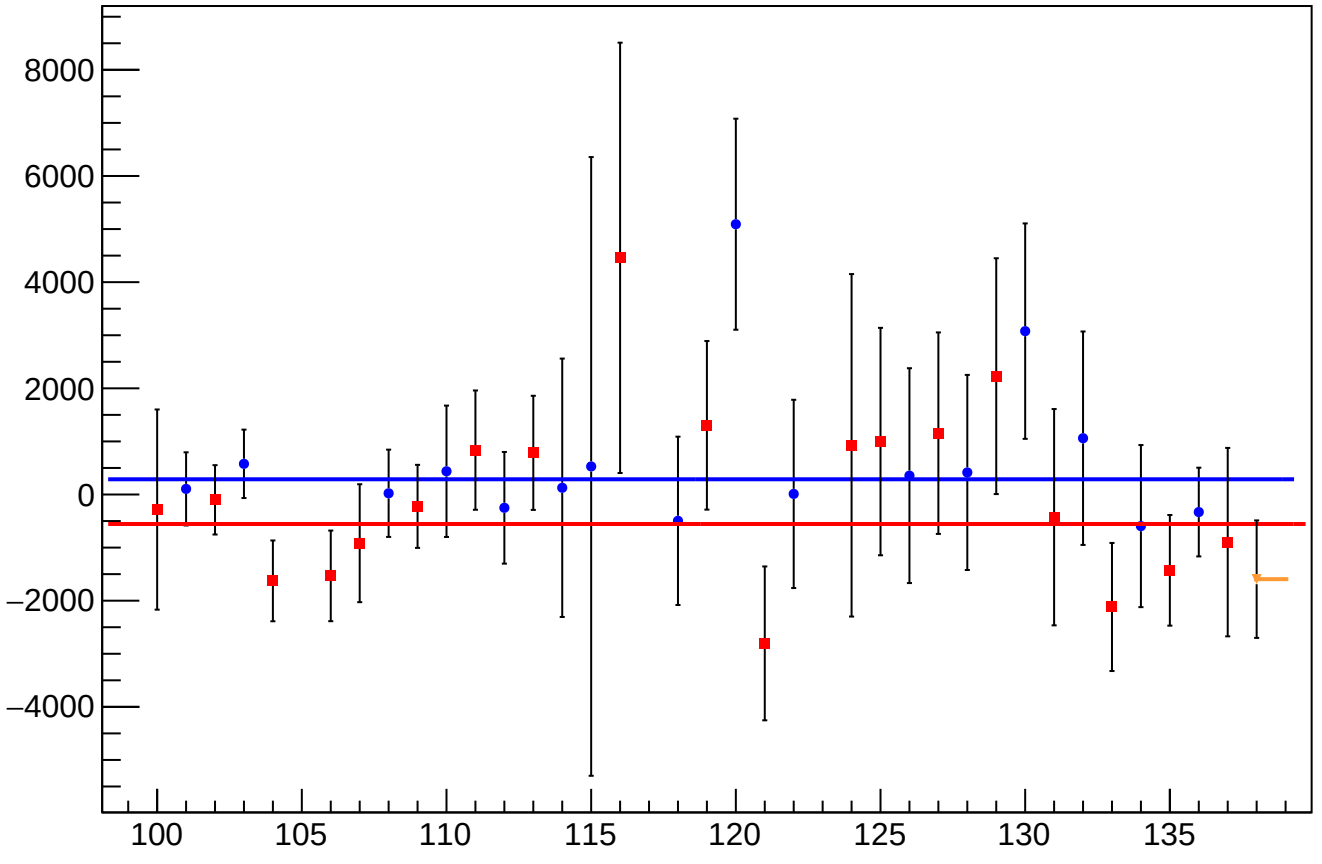
Right Out: 99.484+/-0.027 χ^2/NDF: 1041224.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 106.684+/-0.028 χ^2/NDF: 991060.2/16

All: 102.987+/-0.019 χ^2/NDF: 2067384.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 286.918+/-293.473 χ^2/NDF: 9.7/15

Left Out: -1594.648+/-1106.695 χ^2/NDF:0.0/0

Right Out: -555.436+/-269.953 χ^2/NDF: 18.0/18

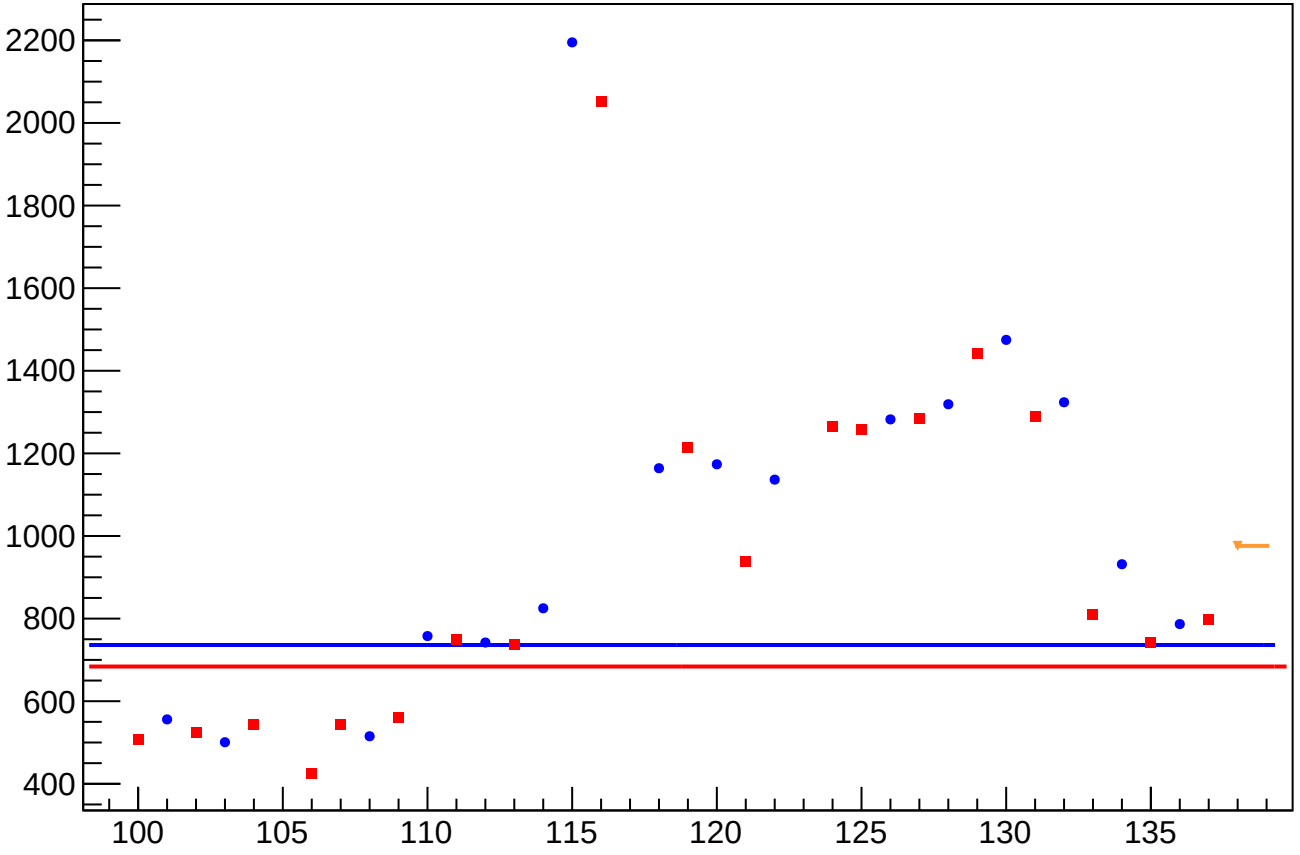
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 163.298+/-283.669 χ^2/NDF: 12.4/16

All: -213.864+/-195.555 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 736.083+/-0.208 χ^2/NDF: 1844498.2/15

Left Out: 976.062+/-0.783 χ^2/NDF:0.0/0

Right Out: 683.981+/-0.191 χ^2/NDF: 1850402.3/18

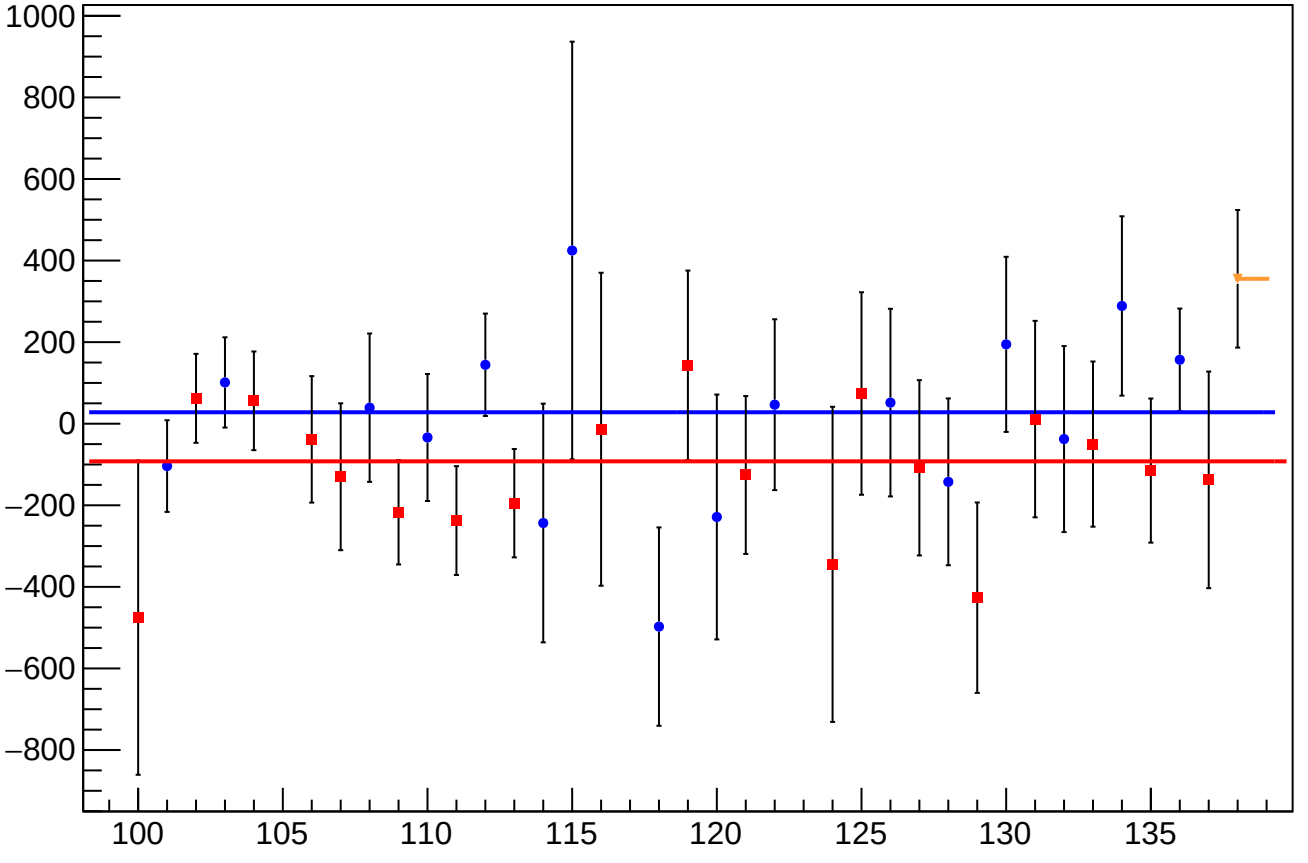
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 751.850+/-0.201 χ^2/NDF: 1932361.2/16

All: 716.235+/-0.138 χ^2/NDF: 3842841.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam5_mean vs Slug



Right In: 28.094+/-43.439 χ^2/NDF: 13.6/15

Left Out: 355.319+/-168.656 χ^2/NDF:0.0/0

Right Out: -92.247+/-40.539 χ^2/NDF: 11.7/18

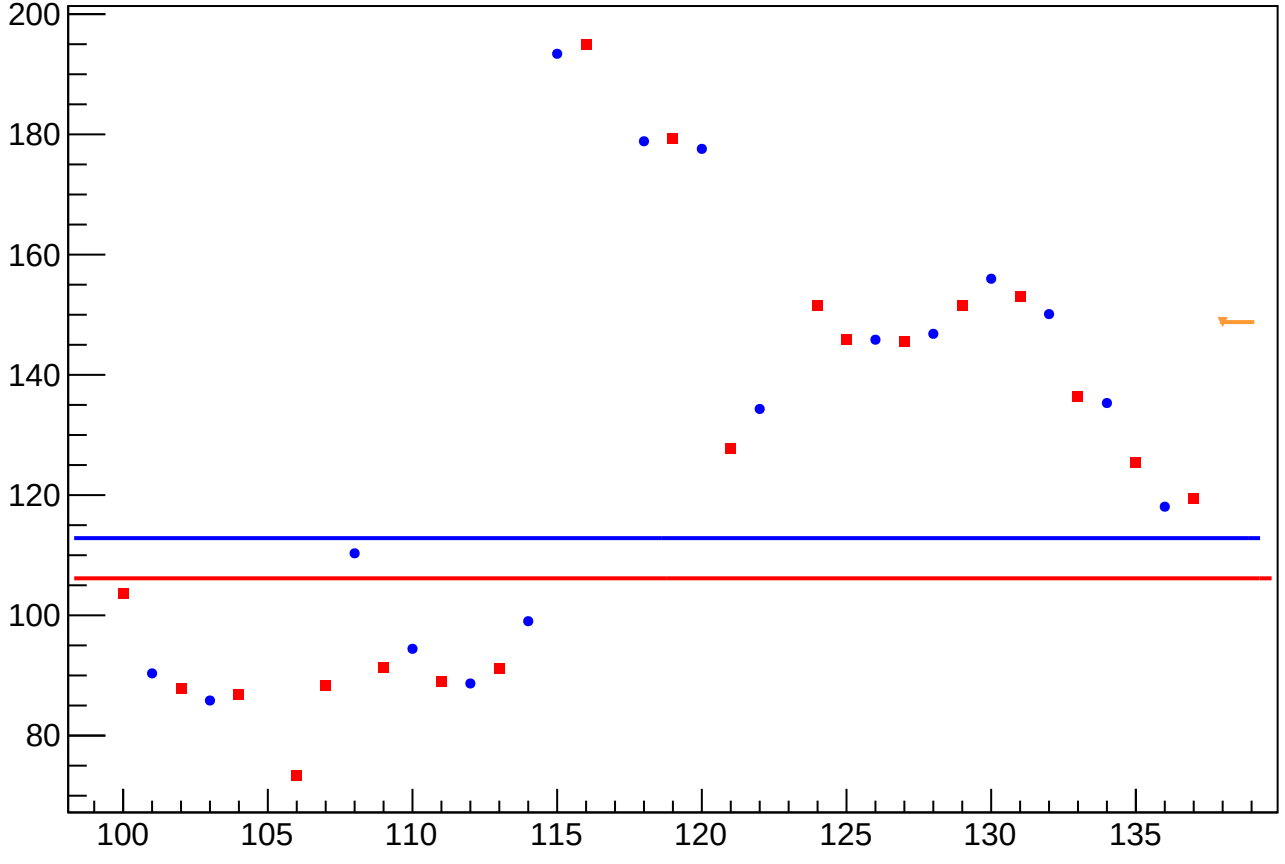
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.450+/-42.066 χ^2/NDF: 17.1/16

All: -24.498+/-29.190 χ^2/NDF: 34.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 112.843+/-0.031 χ^2/NDF: 872225.9/15

Left Out: 148.780+/-0.119 χ^2/NDF:0.0/0

Right Out: 106.159+/-0.029 χ^2/NDF: 1002148.0/18

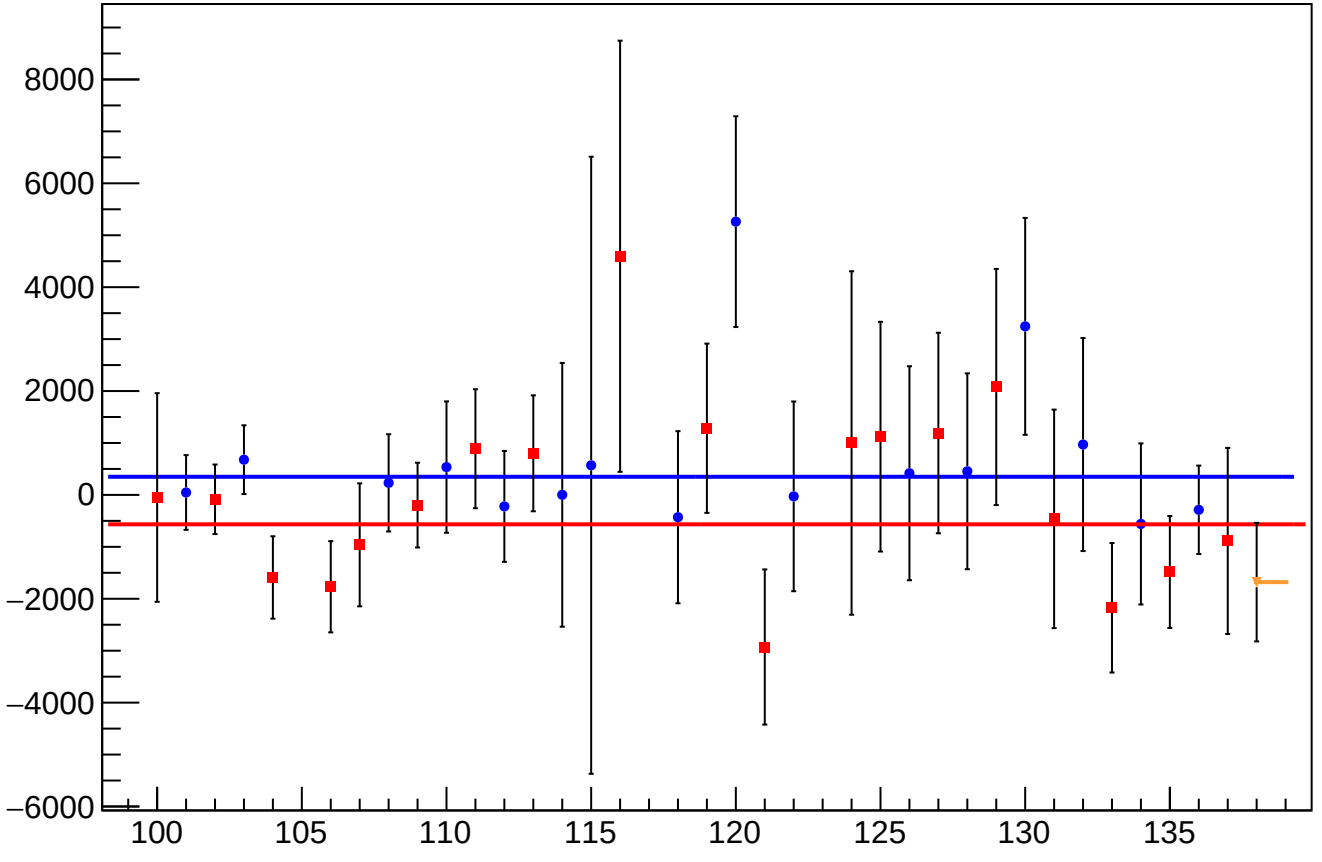
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 115.078+/-0.030 χ^2/NDF: 957381.7/16

All: 110.454+/-0.021 χ^2/NDF: 2006152.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 349.112+/-305.328 χ^2/NDF: 9.8/15

Left Out: -1679.720+/-1141.202 χ^2/NDF:0.0/0

Right Out: -566.026+/-279.219 χ^2/NDF: 18.3/18

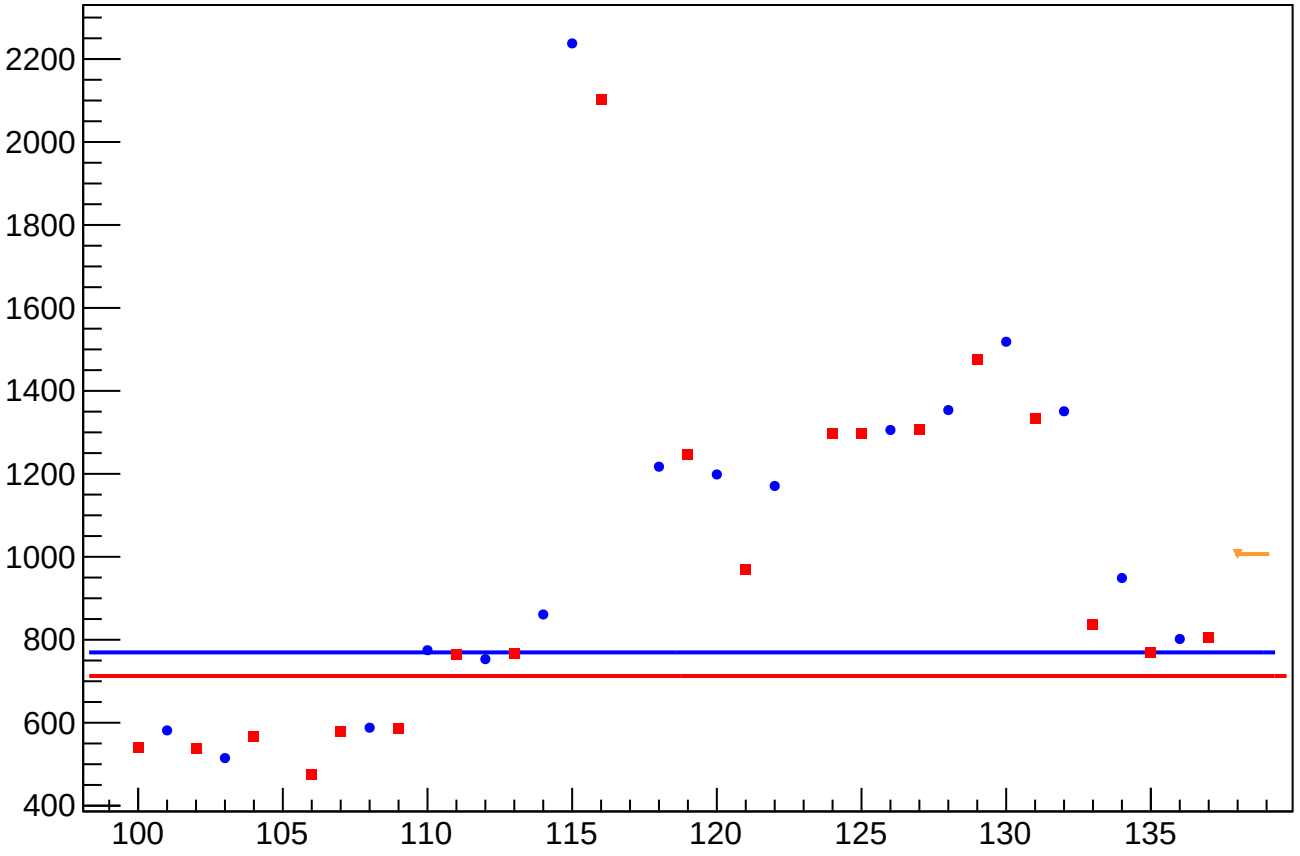
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.585+/-294.954 χ^2/NDF: 12.8/16

All: -197.570+/-202.772 χ^2/NDF: 34.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 769.557+/-0.216 χ^2/NDF: 1739937.3/15

Left Out: 1006.632+/-0.807 χ^2/NDF:0.0/0

Right Out: 712.628+/-0.197 χ^2/NDF: 1767226.6/18

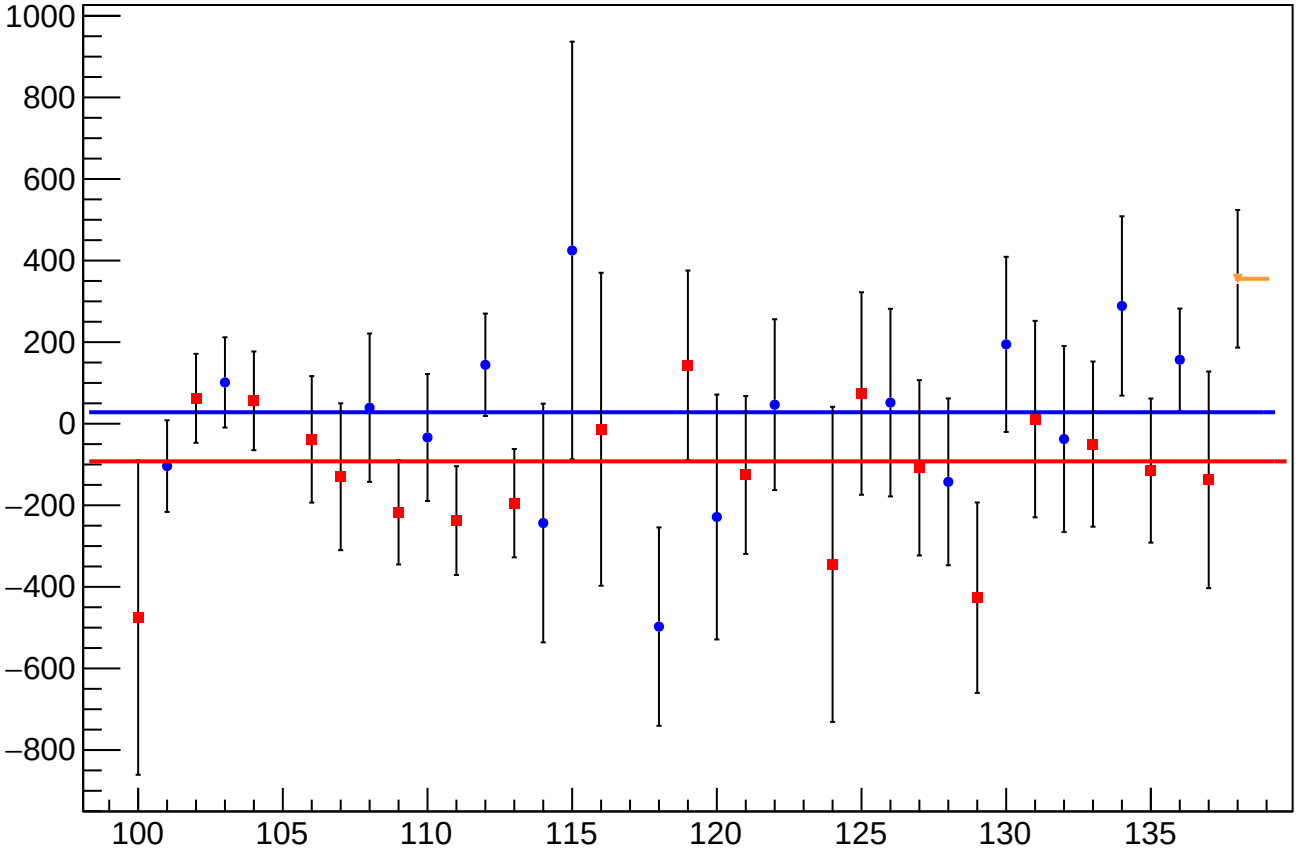
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 785.394+/-0.209 χ^2/NDF: 1820484.1/16

All: 747.019+/-0.143 χ^2/NDF: 3651905.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam5_mean vs Slug



Right In: 28.093+/-43.439 χ^2/NDF: 13.6/15

Left Out: 355.311+/-168.657 χ^2/NDF:0.0/0

Right Out: -92.247+/-40.539 χ^2/NDF: 11.7/18

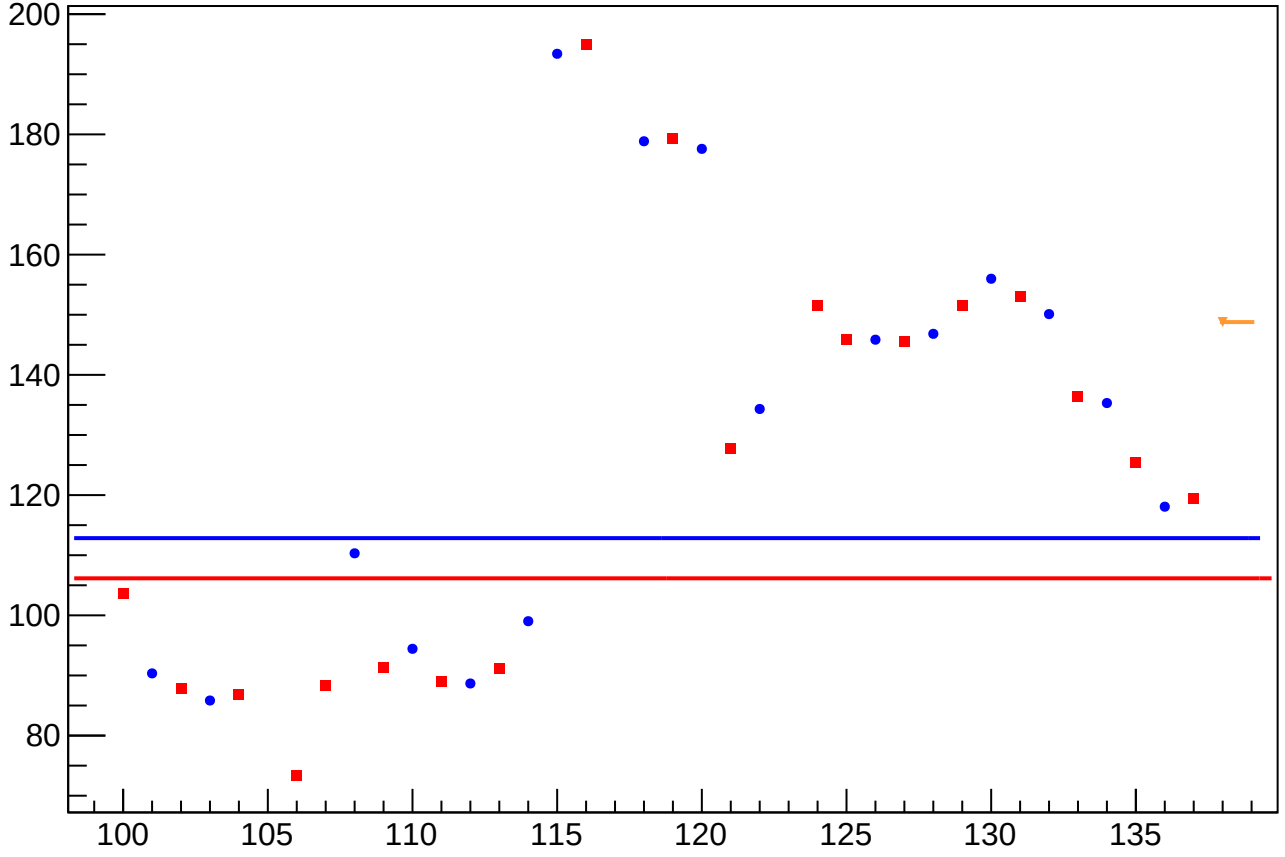
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 48.449+/-42.066 χ^2/NDF: 17.1/16

All: -24.499+/-29.190 χ^2/NDF: 34.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam5_rms vs Slug



Right In: 112.842+/-0.031 χ^2/NDF: 872219.7/15

Left Out: 148.781+/-0.119 χ^2/NDF:0.0/0

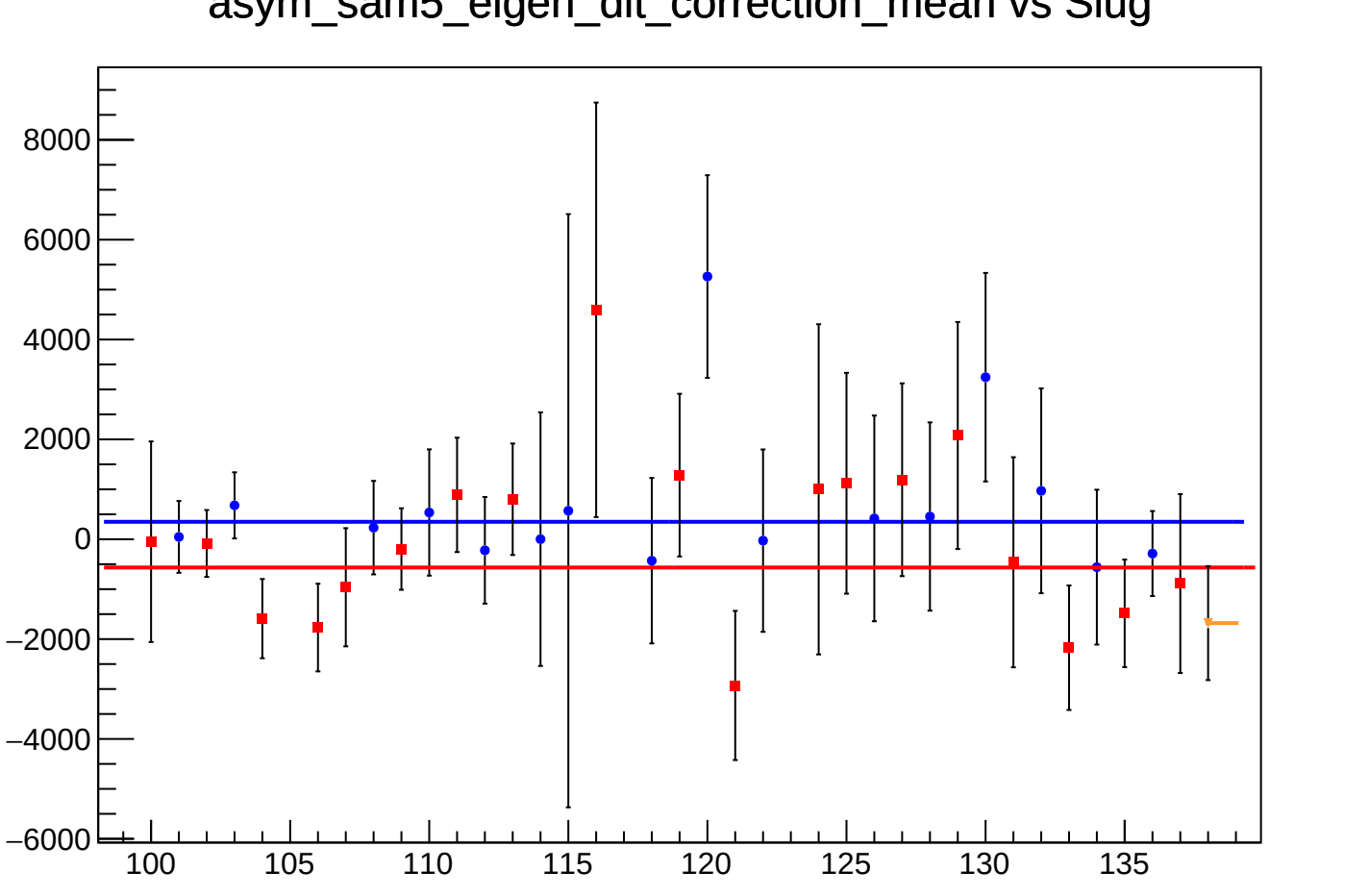
Right Out: 106.158+/-0.029 χ^2/NDF: 1002136.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 115.078+/-0.030 χ^2/NDF: 957380.8/16

All: 110.453+/-0.021 χ^2/NDF: 2006139.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 349.111+/-305.328 χ^2/NDF: 9.8/15

Left Out: -1679.728+/-1141.207 χ^2/NDF:0.0/0

Right Out: -566.026+/-279.218 χ^2/NDF: 18.3/18

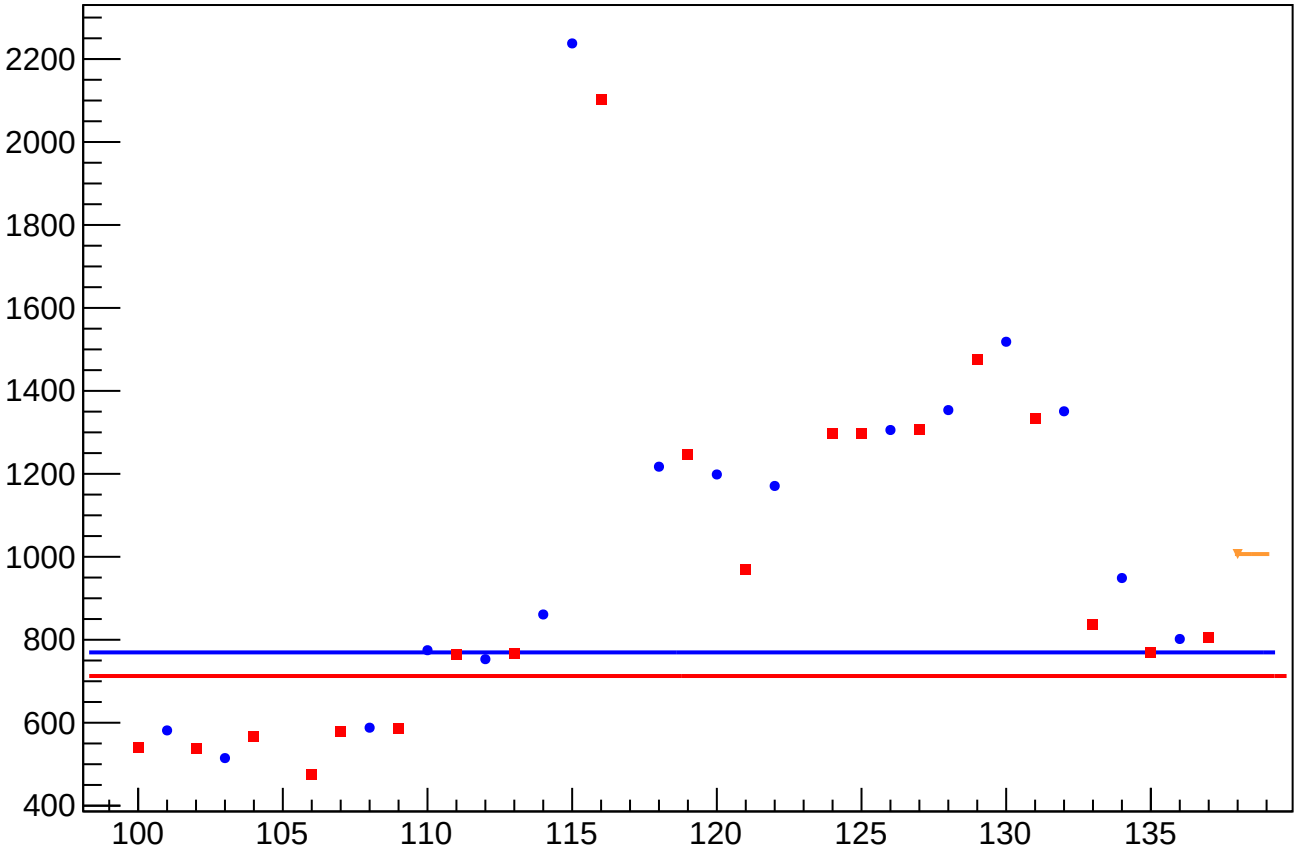
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.584+/-294.953 χ^2/NDF: 12.8/16

All: -197.570+/-202.772 χ^2/NDF: 34.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 769.556+/-0.216 χ^2/NDF: 1739933.9/15

Left Out: 1006.636+/-0.807 χ^2/NDF:0.0/0

Right Out: 712.627+/-0.197 χ^2/NDF: 1767219.7/18

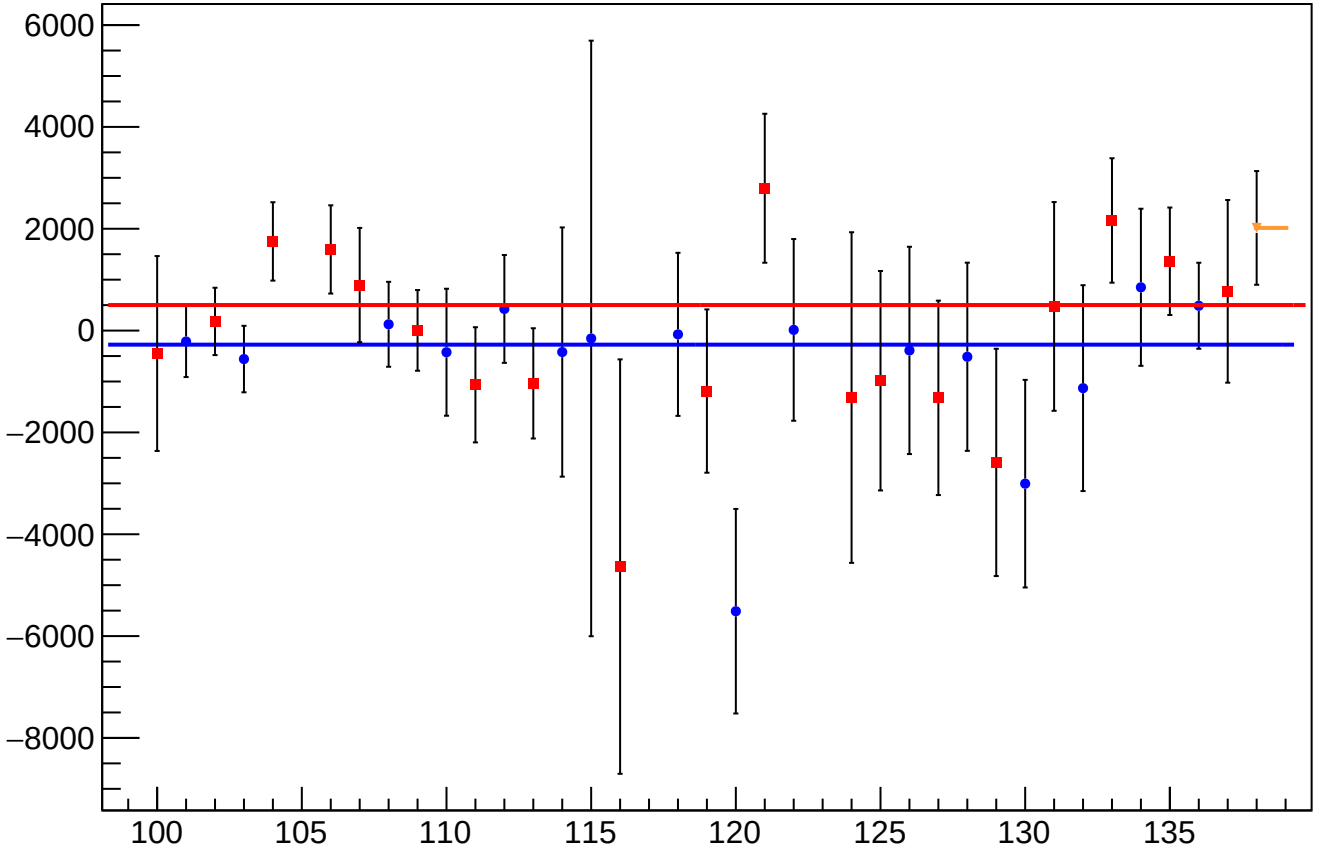
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 785.393+/-0.209 χ^2/NDF: 1820483.9/16

All: 747.018+/-0.143 χ^2/NDF: 3651899.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_mean vs Slug



Right In: -276.199+/-296.708 χ^2/NDF: 11.1/15

Left Out: 2016.407+/-1116.832 χ^2/NDF:0.0/0

Right Out: 501.985+/-272.991 χ^2/NDF: 20.5/18

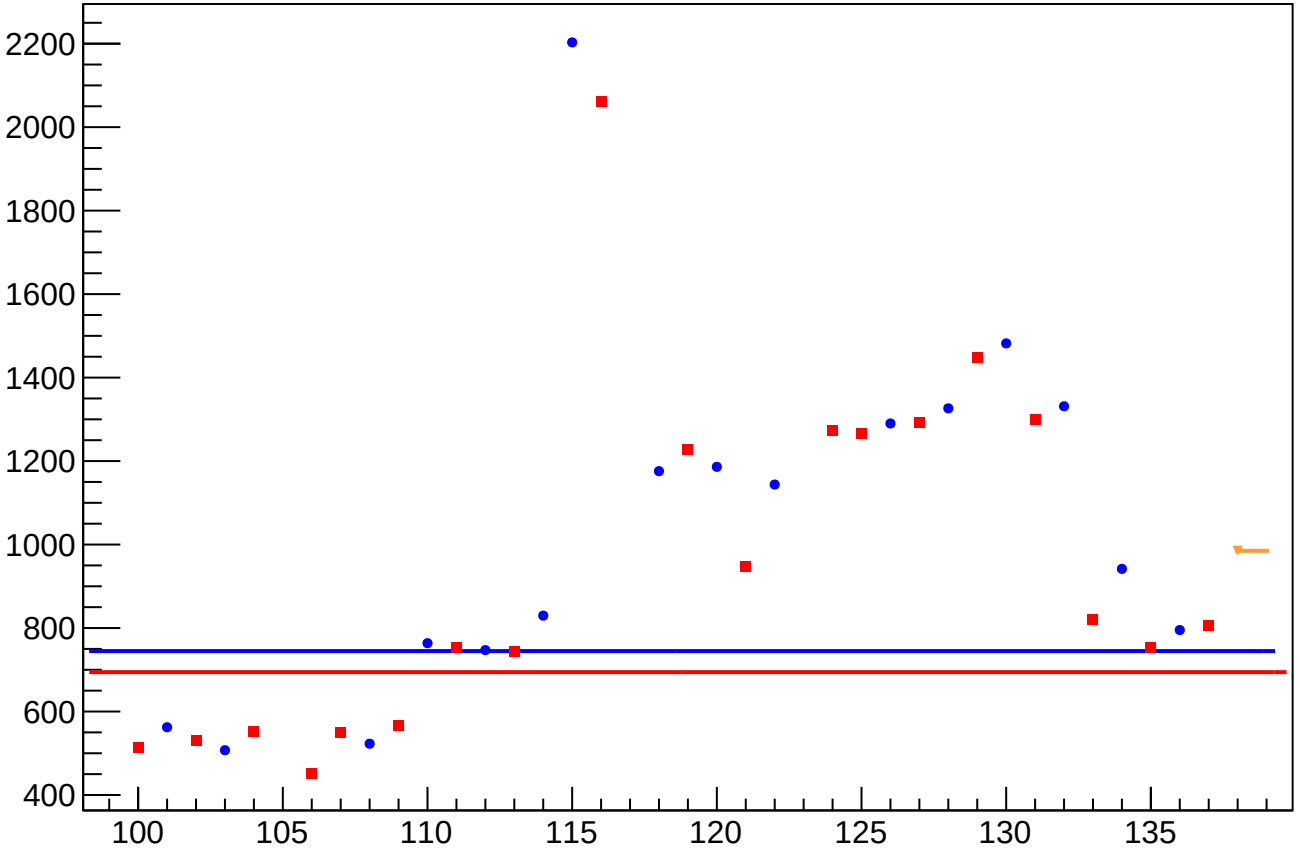
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -125.053+/-286.761 χ^2/NDF: 15.0/16

All: 203.882+/-197.722 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_rms vs Slug



Right In: 744.783+/-0.210 χ^2/NDF: 1822553.5/15

Left Out: 985.055+/-0.790 χ^2/NDF:0.0/0

Right Out: 694.348+/-0.193 χ^2/NDF: 1803741.9/18

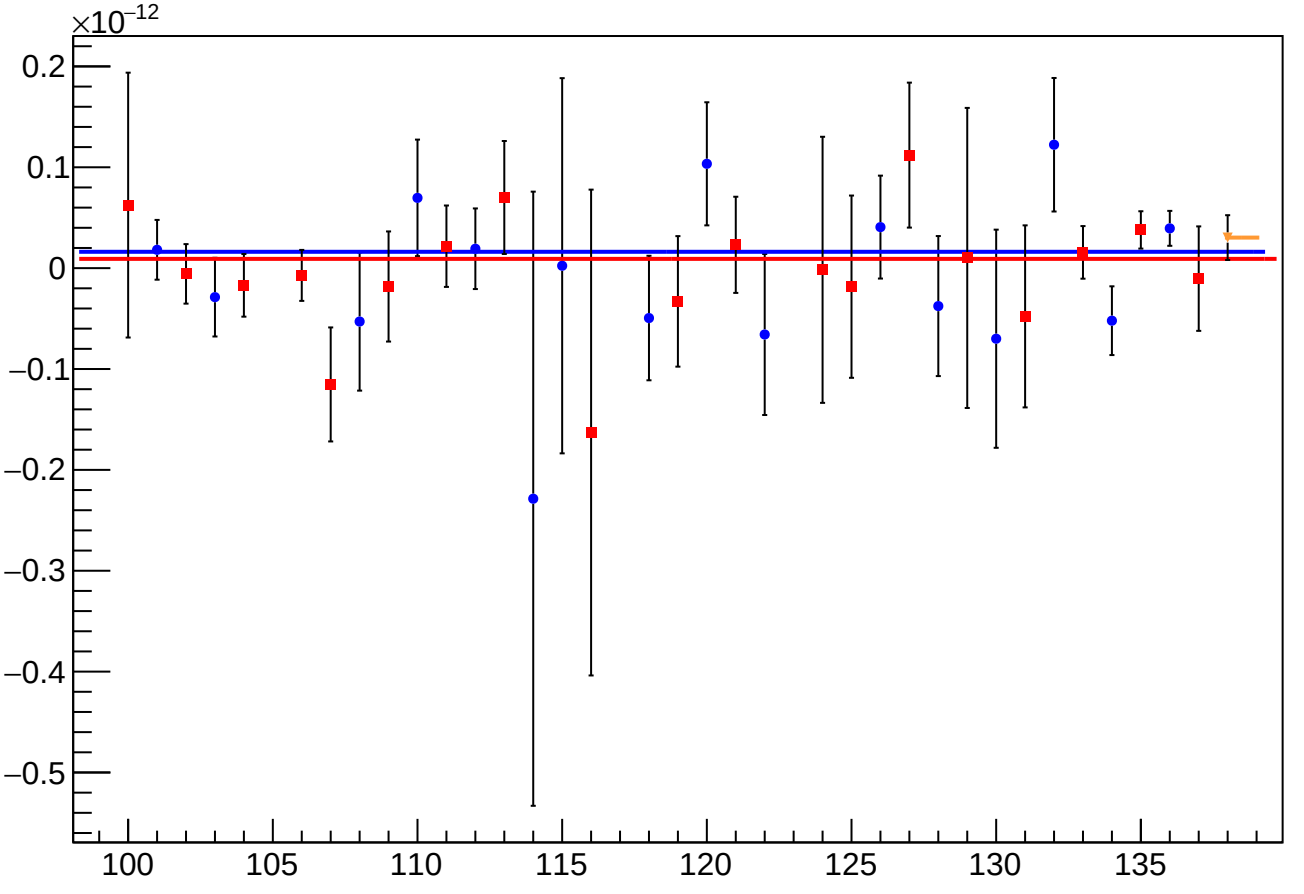
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 760.623+/-0.203 χ^2/NDF: 1909018.8/16

All: 725.856+/-0.140 χ^2/NDF: 3768801.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

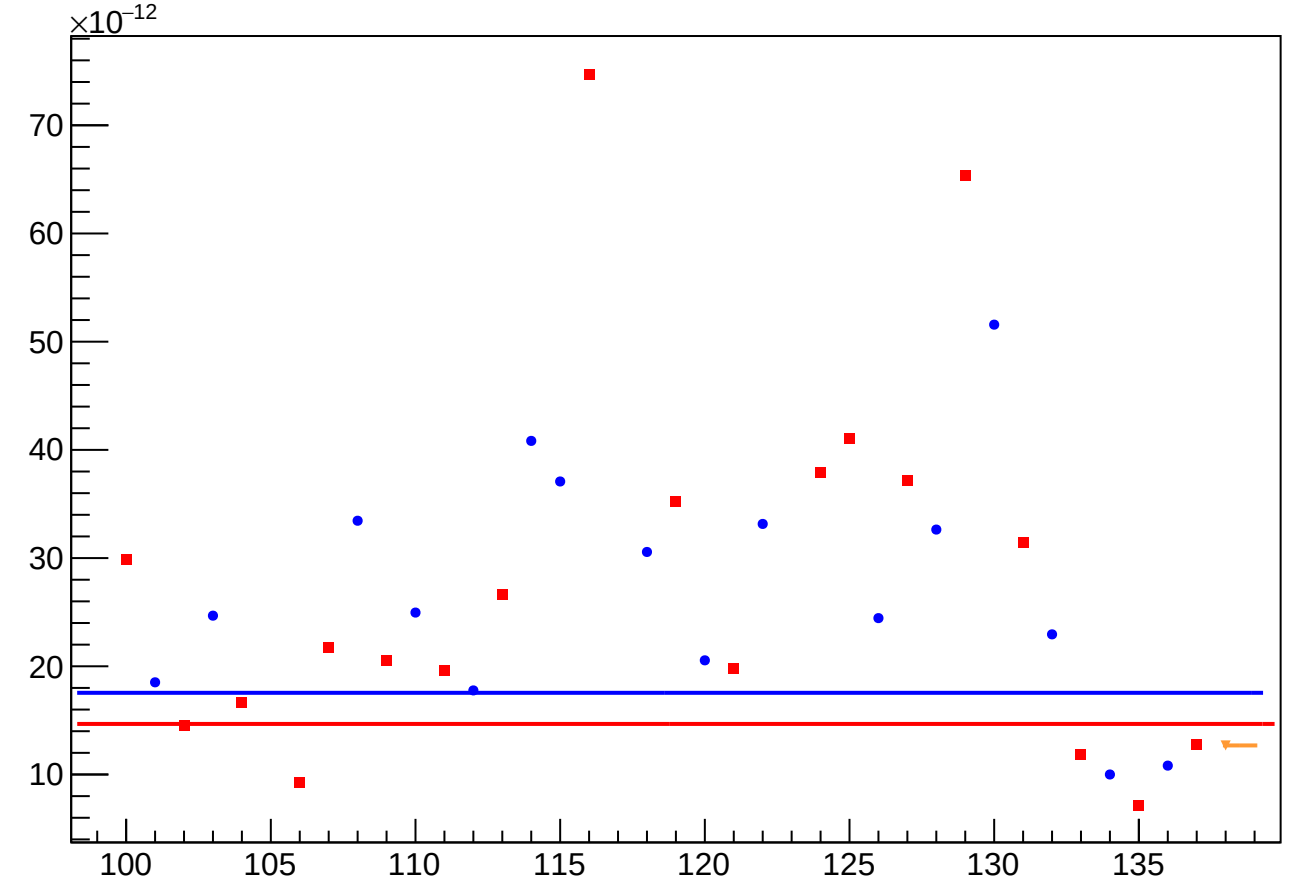
Right Out: 0.000+/-0.000 χ^2/NDF: 14.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.3/16

All: 0.000+/-0.000 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1156509.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1741597.8/18

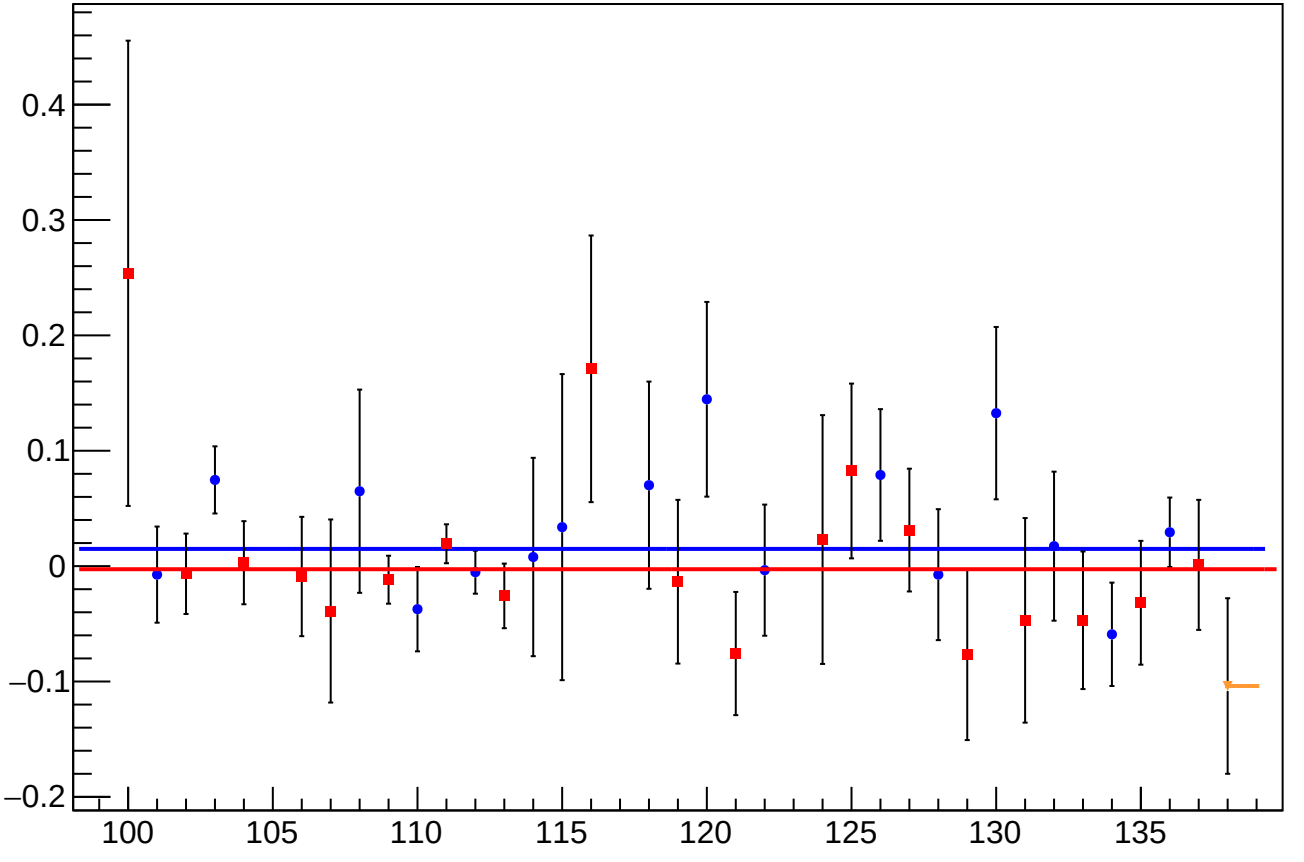
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1234423.0/16

All: 0.000+/-0.000 χ^2/NDF: 3018714.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.015+/-0.011 χ^2/NDF: 17.8/15

Left Out: -0.104+/-0.076 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.009 χ^2/NDF: 12.5/18

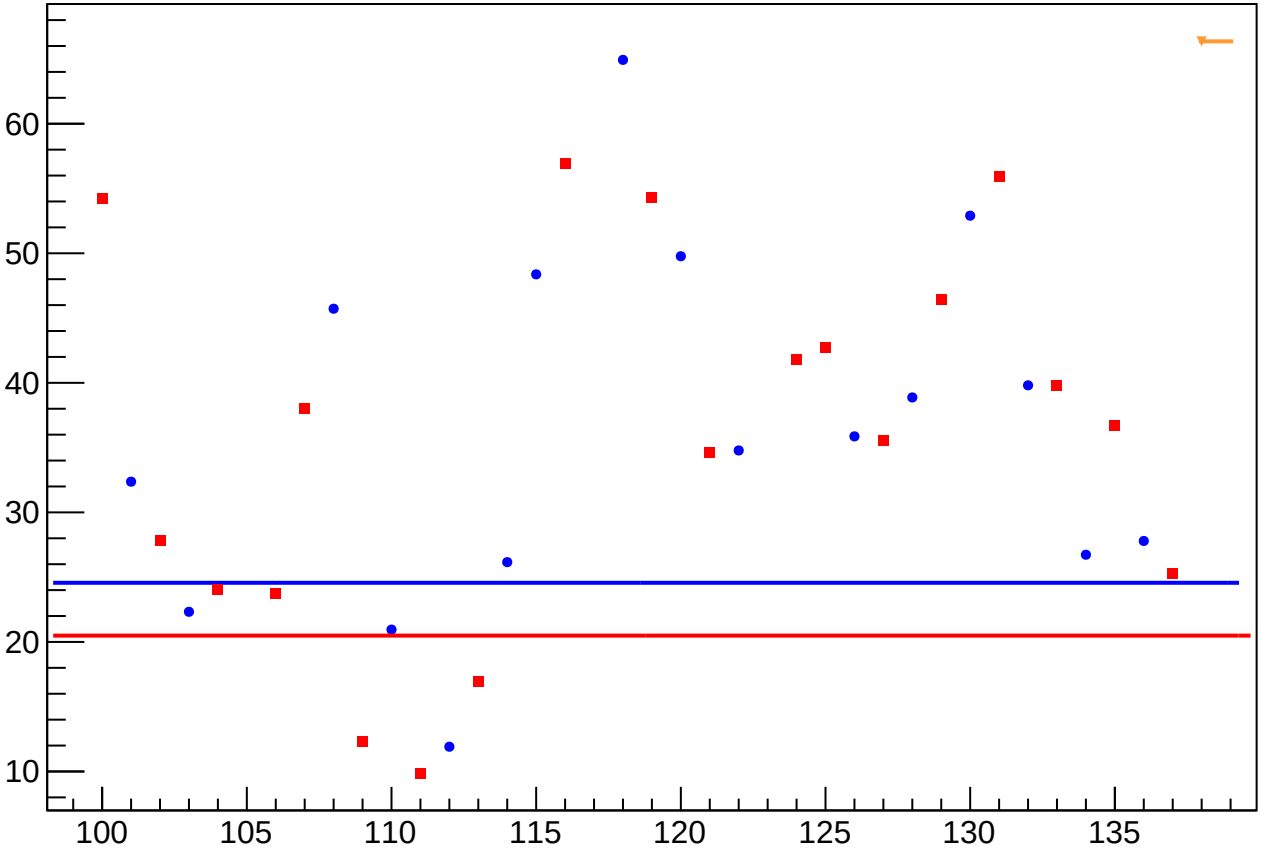
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.010 χ^2/NDF: 20.2/16

All: 0.004+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 24.566+/-0.007 χ^2/NDF: 2484530.5/15

Left Out: 66.358+/-0.054 χ^2/NDF:0.0/0

Right Out: 20.488+/-0.007 χ^2/NDF: 3583938.4/18

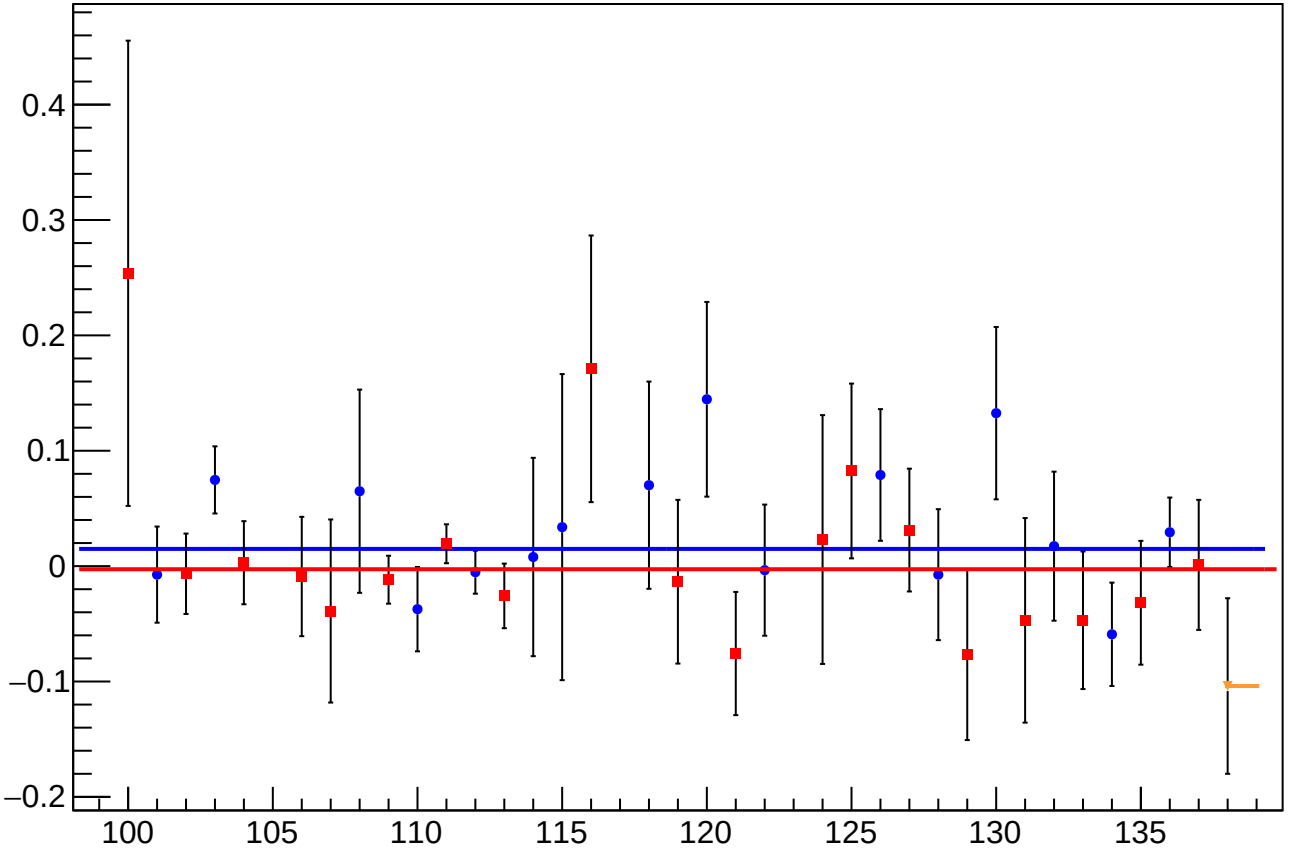
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.360+/-0.007 χ^2/NDF: 3076410.2/16

All: 22.614+/-0.005 χ^2/NDF: 6903701.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015+/-0.011 χ^2/NDF: 17.8/15

Left Out: -0.104+/-0.076 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.009 χ^2/NDF: 12.5/18

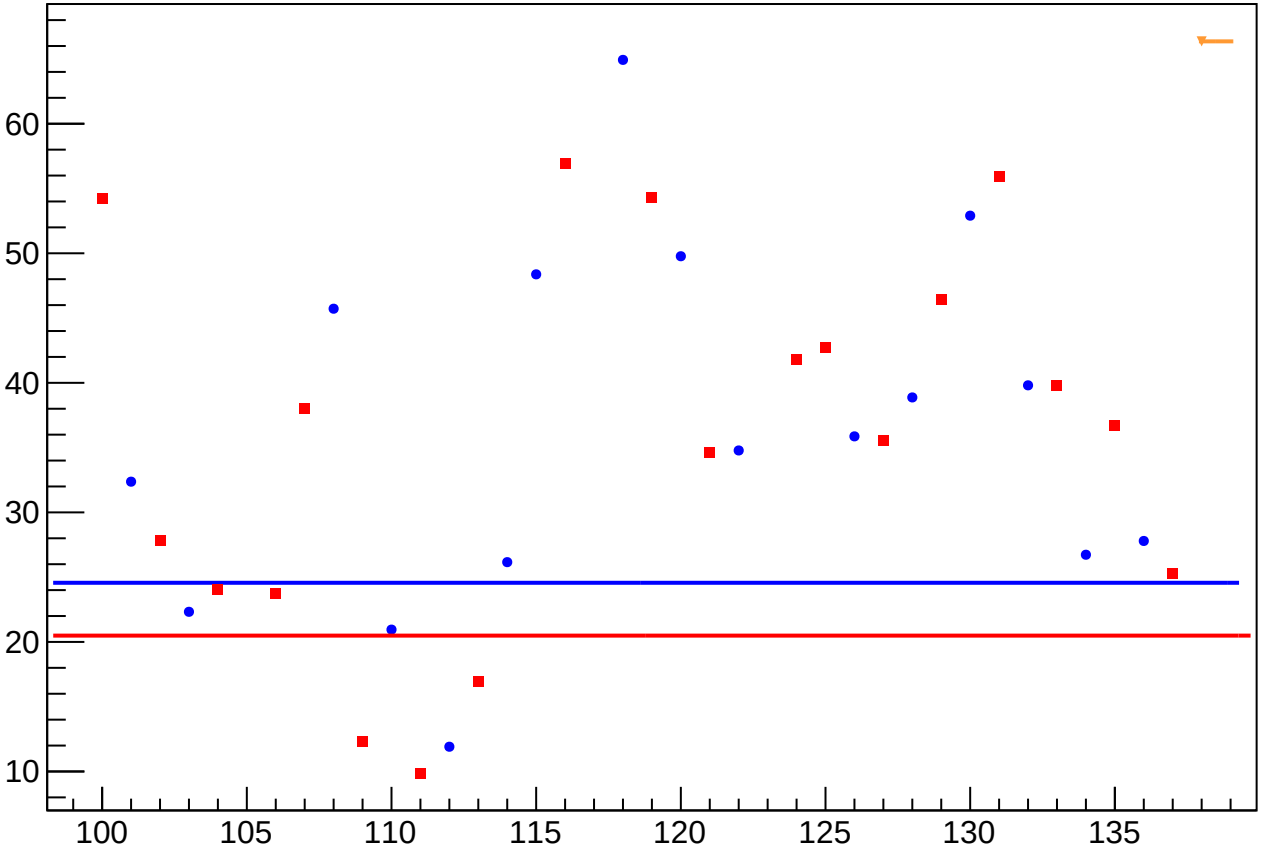
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.010 χ^2/NDF: 20.2/16

All: 0.004+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.566+/-0.007 χ^2/NDF: 2484530.5/15

Left Out: 66.358+/-0.054 χ^2/NDF:0.0/0

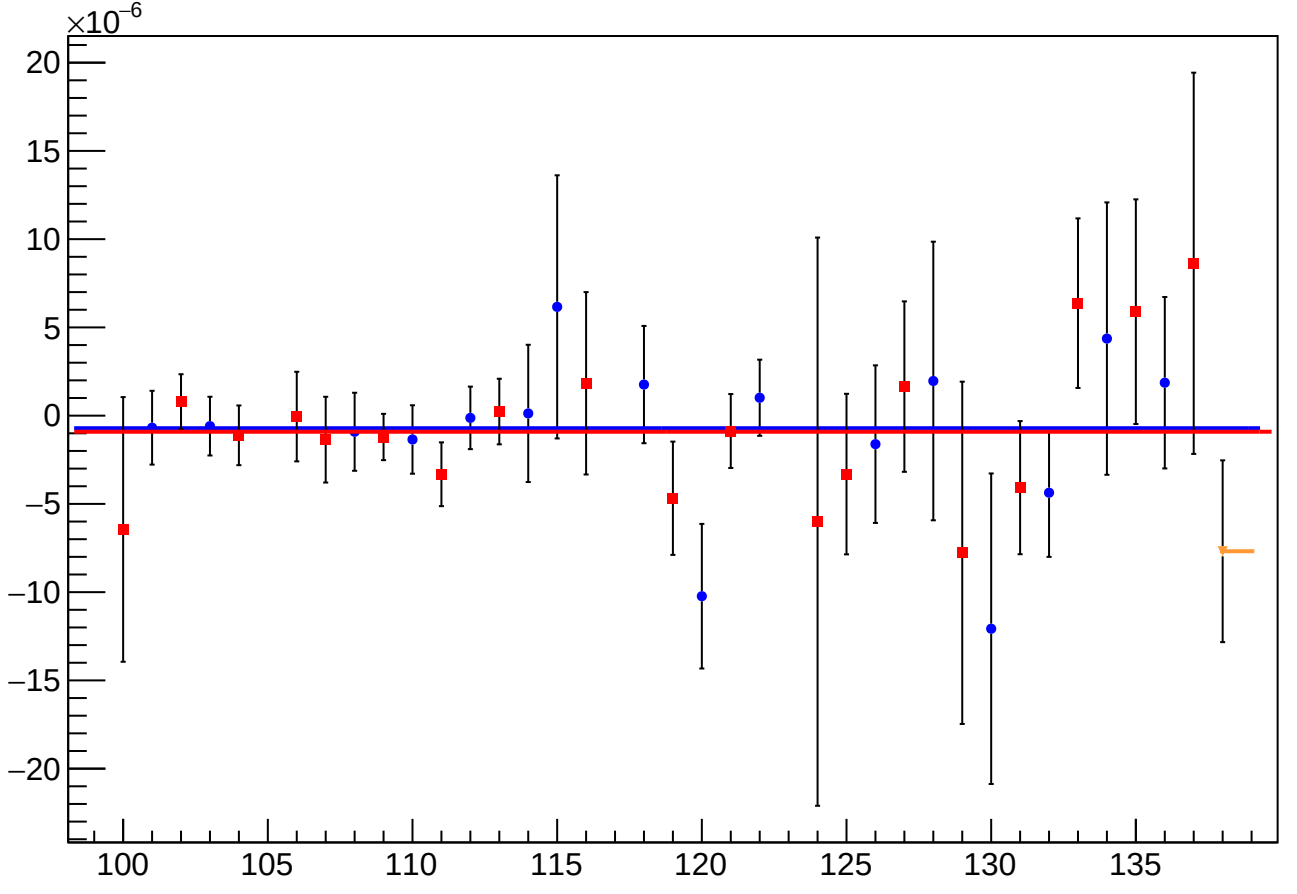
Right Out: 20.488+/-0.007 χ^2/NDF: 3583938.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.360+/-0.007 χ^2/NDF: 3076410.2/16

All: 22.614+/-0.005 χ^2/NDF: 6903701.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 11.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

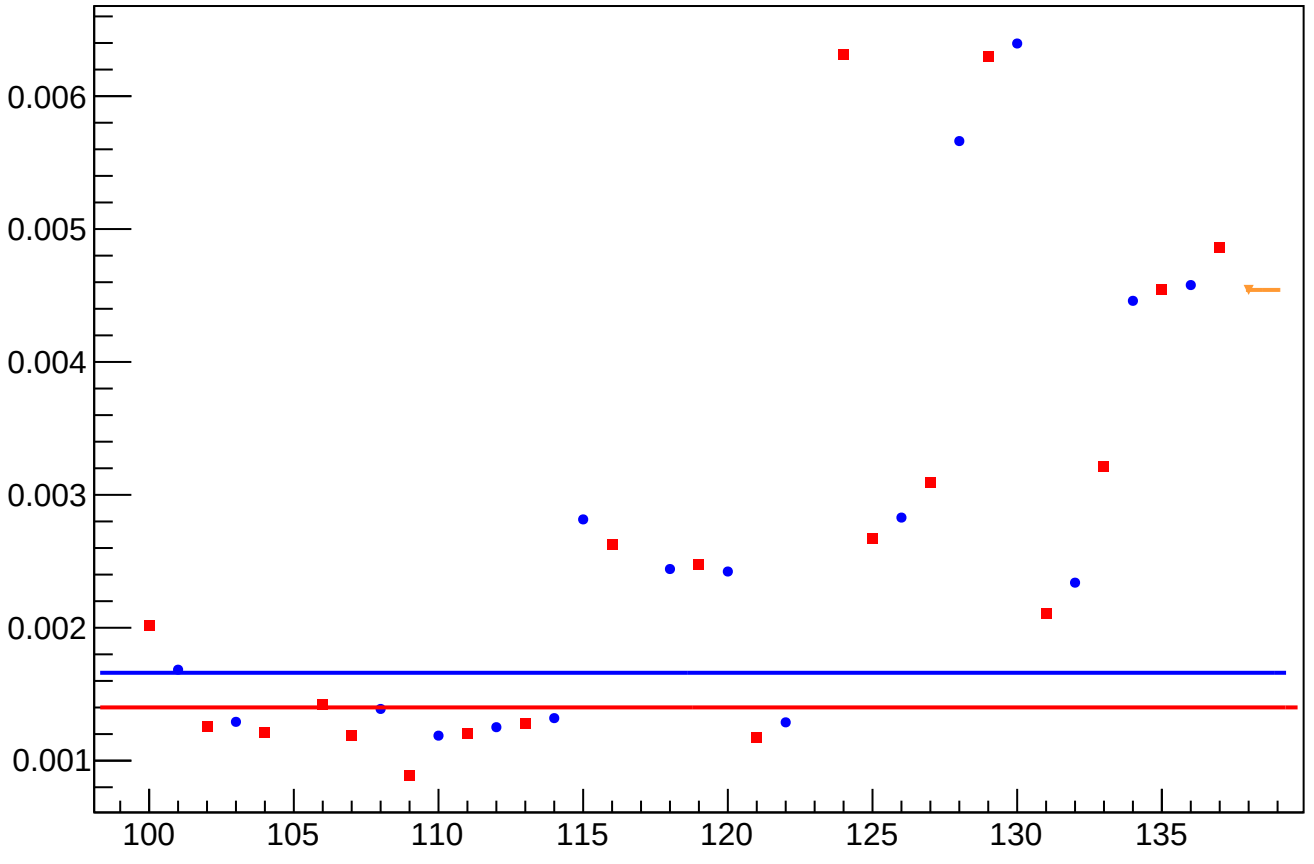
Right Out: -0.000+/-0.000 χ^2/NDF: 11.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.1/16

All: -0.000+/-0.000 χ^2/NDF: 24.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 2942035.6/15

Left Out: 0.005+/-0.000 χ^2/NDF:0.0/0

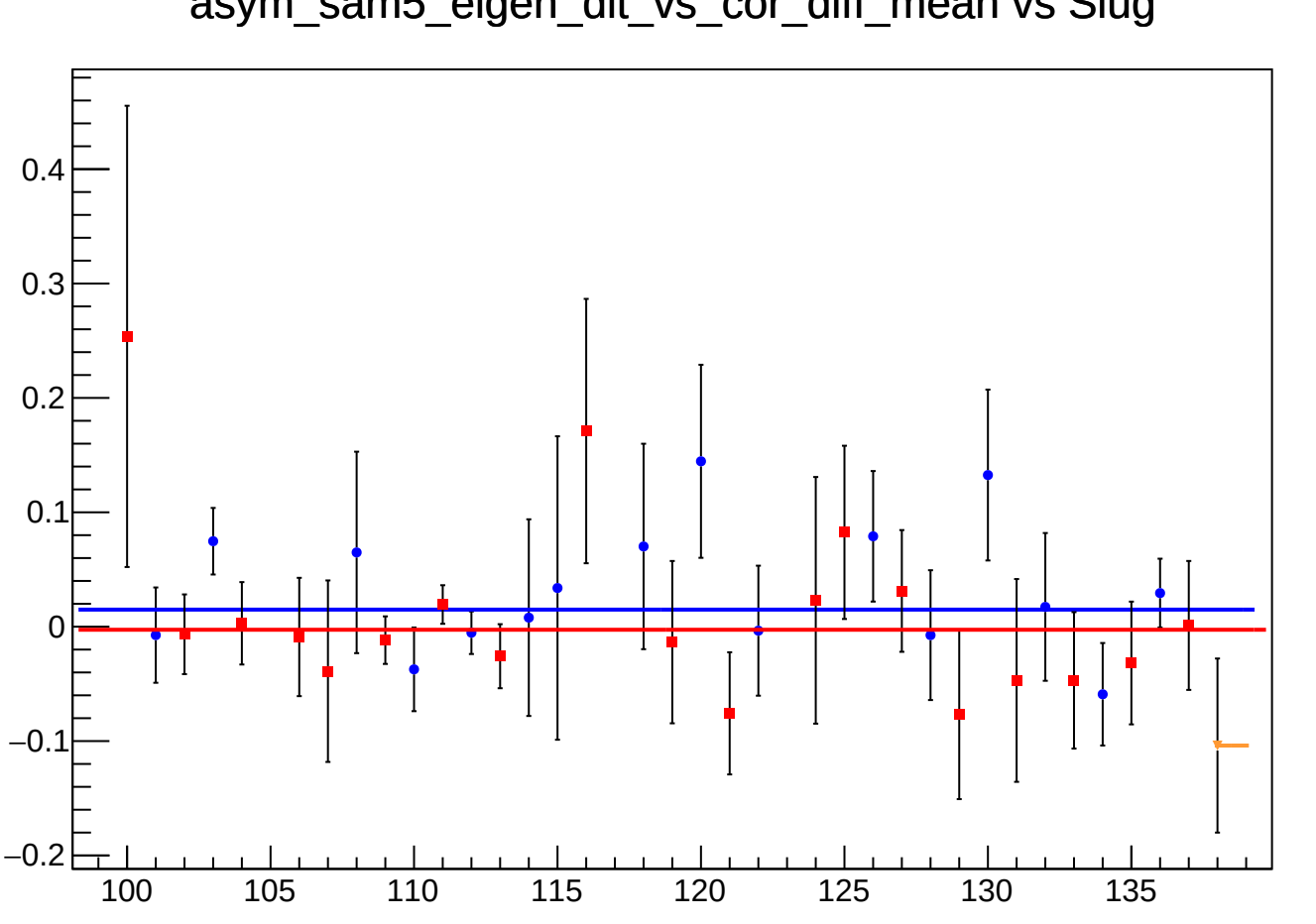
Right Out: 0.001+/-0.000 χ^2/NDF: 2915624.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 3556457.2/16

All: 0.002+/-0.000 χ^2/NDF: 6708976.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.015+/-0.011 χ^2/NDF: 17.8/15

Left Out: -0.104+/-0.076 χ^2/NDF:0.0/0

Right Out: -0.003+/-0.009 χ^2/NDF: 12.5/18

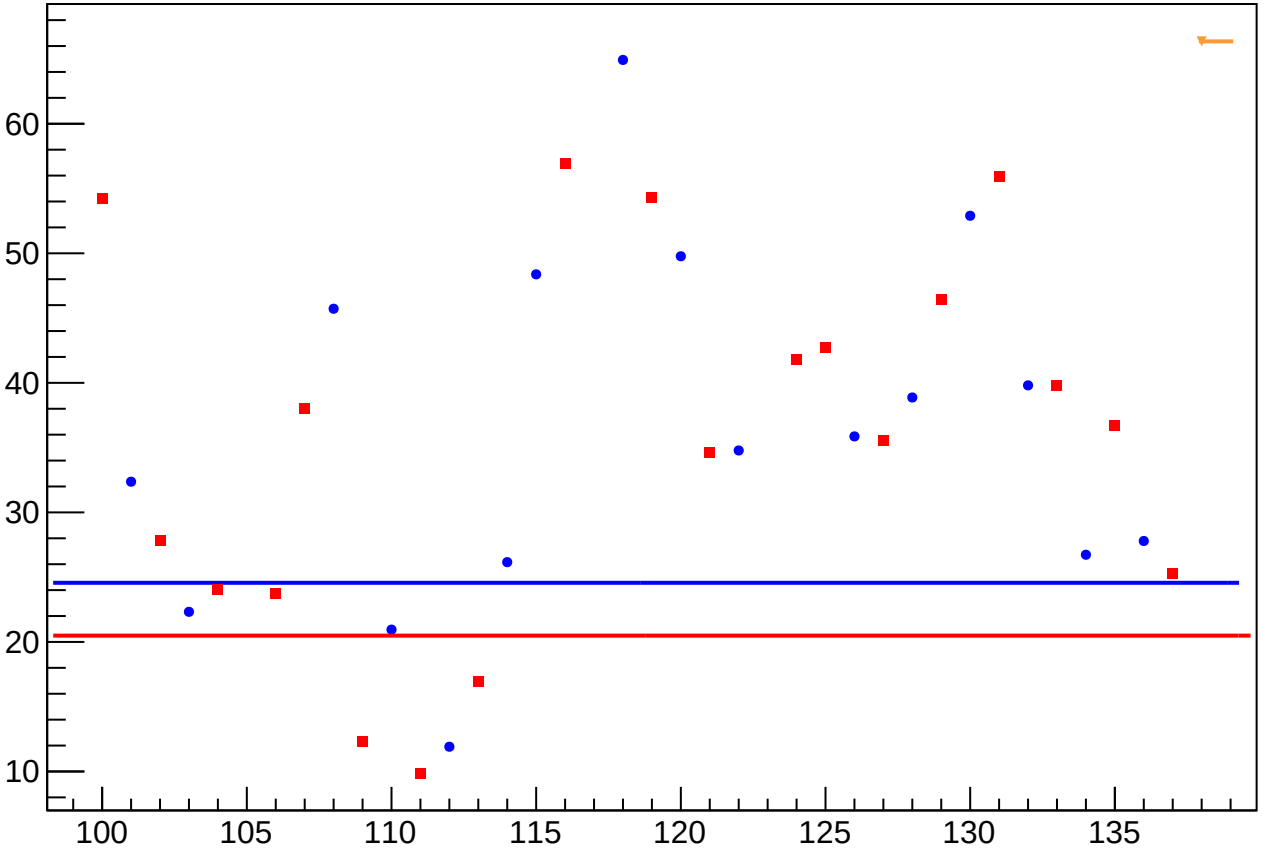
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.010 χ^2/NDF: 20.2/16

All: 0.004+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.566+/-0.007 χ^2/NDF: 2484434.5/15

Left Out: 66.361+/-0.054 χ^2/NDF:0.0/0

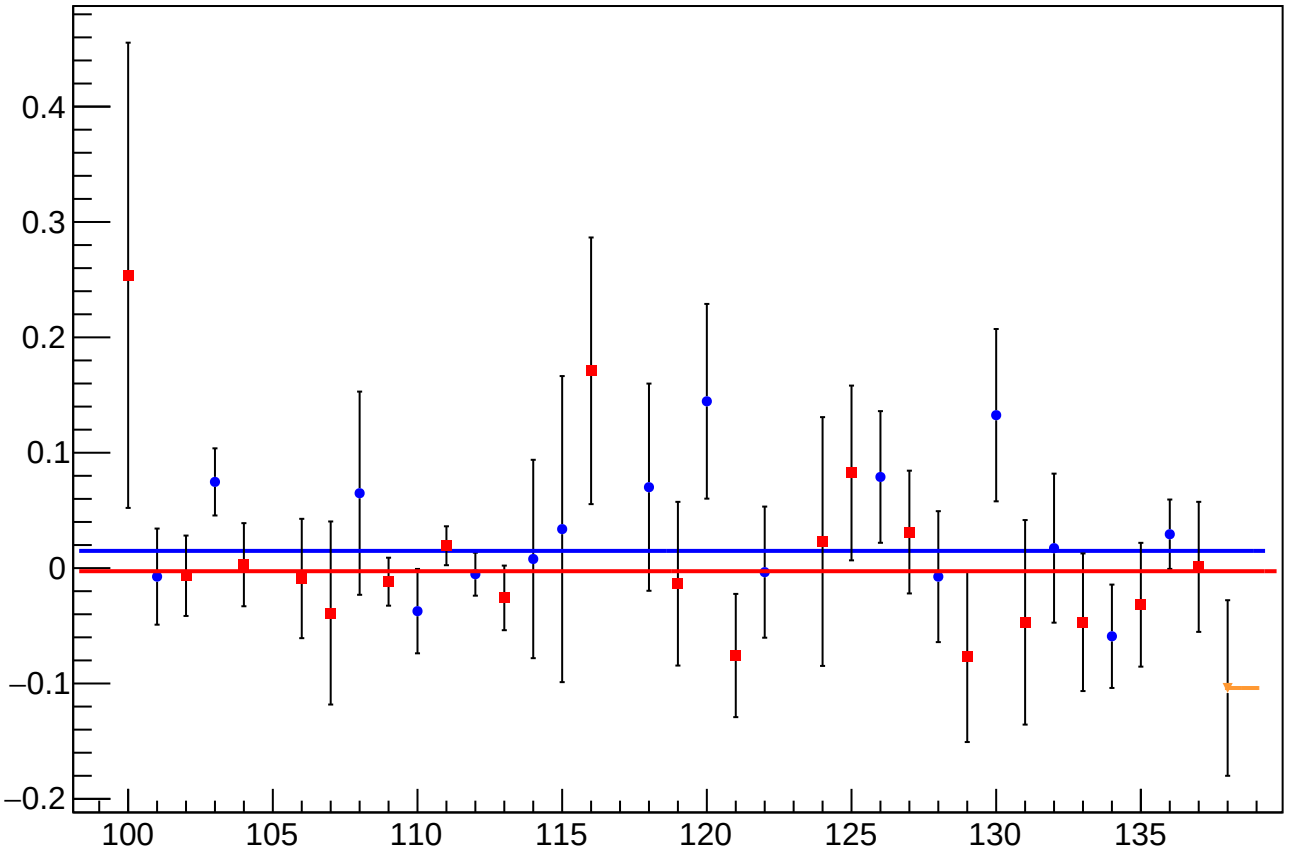
Right Out: 20.487+/-0.007 χ^2/NDF: 3583888.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.359+/-0.007 χ^2/NDF: 3076359.7/16

All: 22.613+/-0.005 χ^2/NDF: 6903609.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.015+/-0.011 χ^2/NDF: 17.8/15

Left Out: -0.104+/-0.076 χ^2/NDF:0.0/0

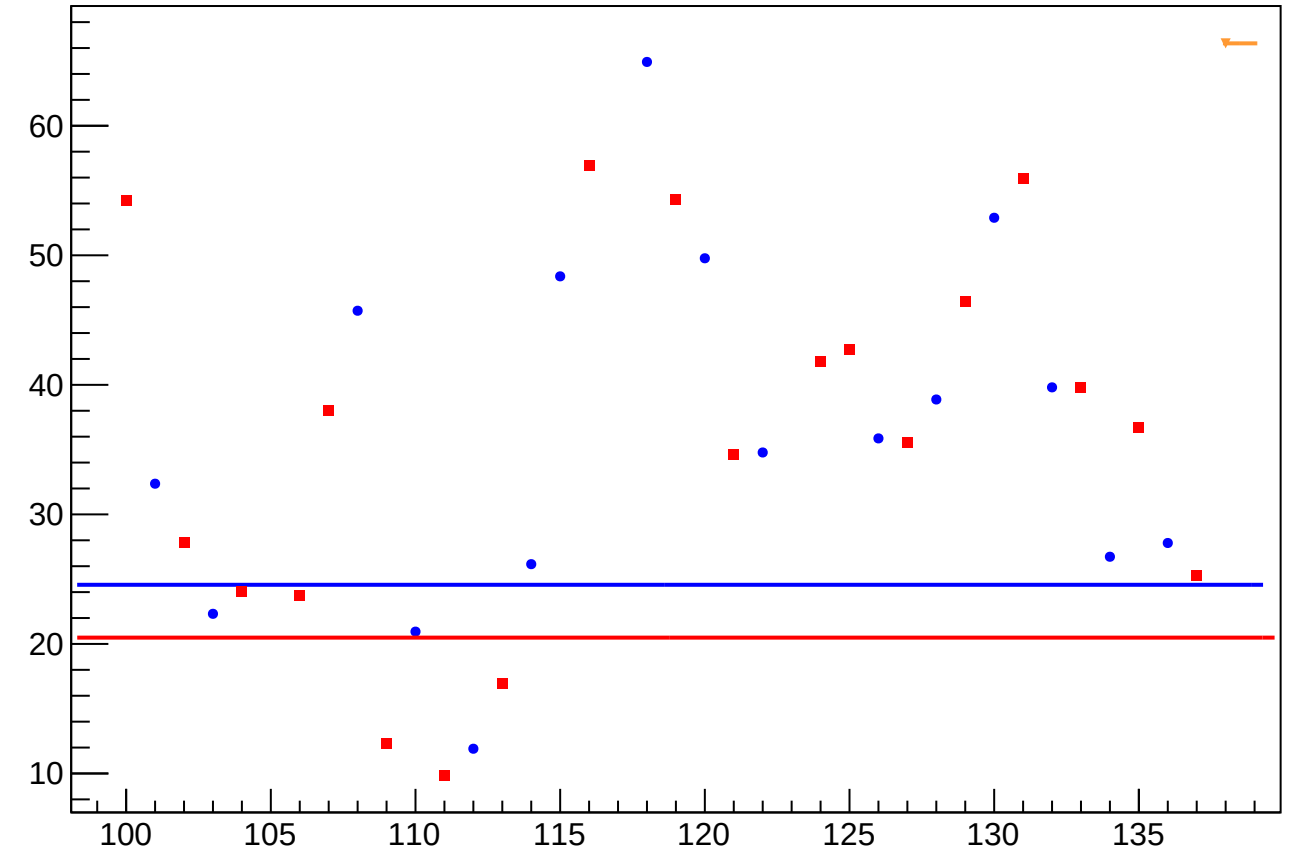
Right Out: -0.003+/-0.009 χ^2/NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.010 χ^2/NDF: 20.2/16

All: 0.004+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 24.566+/-0.007 χ^2/NDF: 2484434.5/15

Left Out: 66.361+/-0.054 χ^2/NDF:0.0/0

Right Out: 20.487+/-0.007 χ^2/NDF: 3583888.1/18

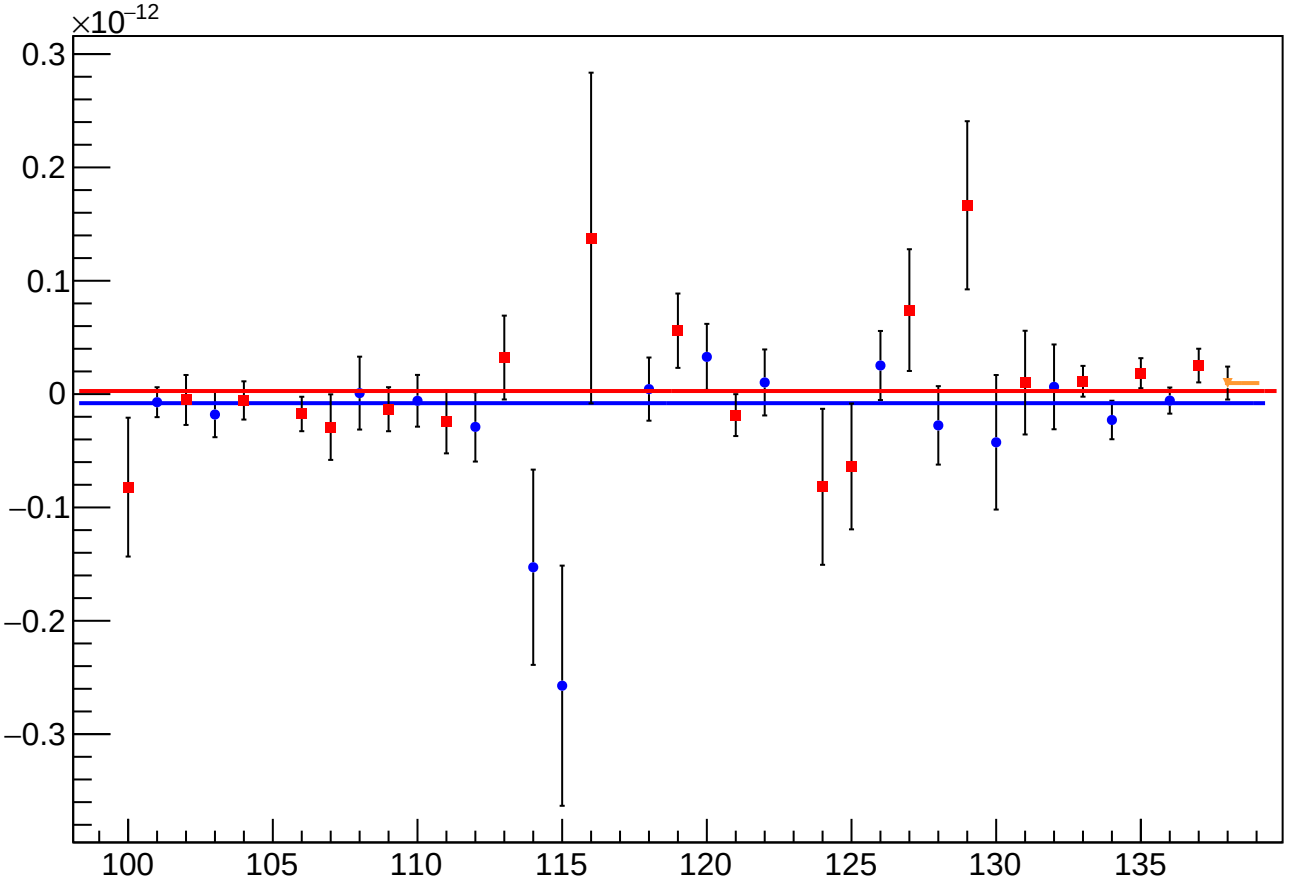
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 25.359+/-0.007 χ^2/NDF: 3076359.7/16

All: 22.613+/-0.005 χ^2/NDF: 6903609.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 26.1/18

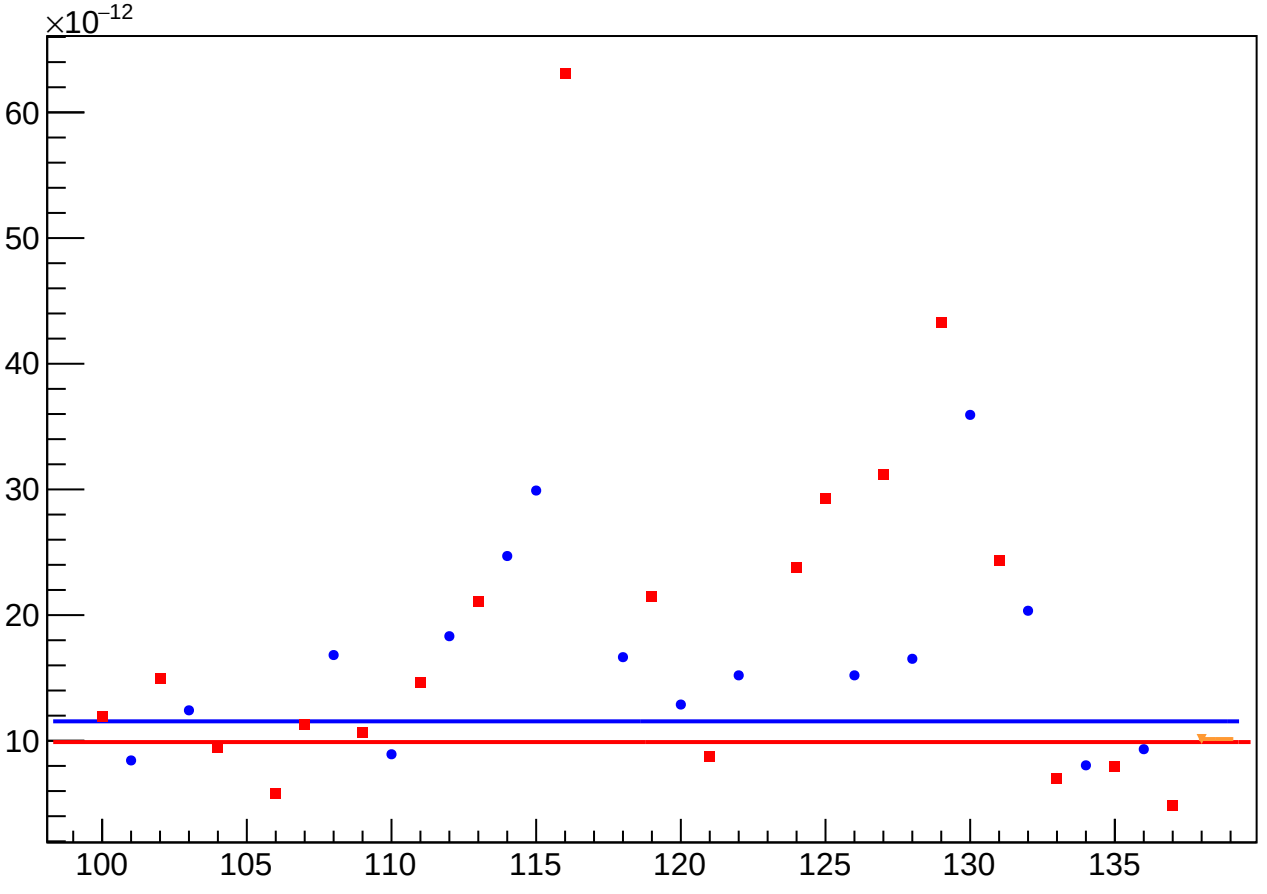
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 15.8/16

All: -0.000+/-0.000 χ^2/NDF: 43.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 1179957.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2635766.2/18

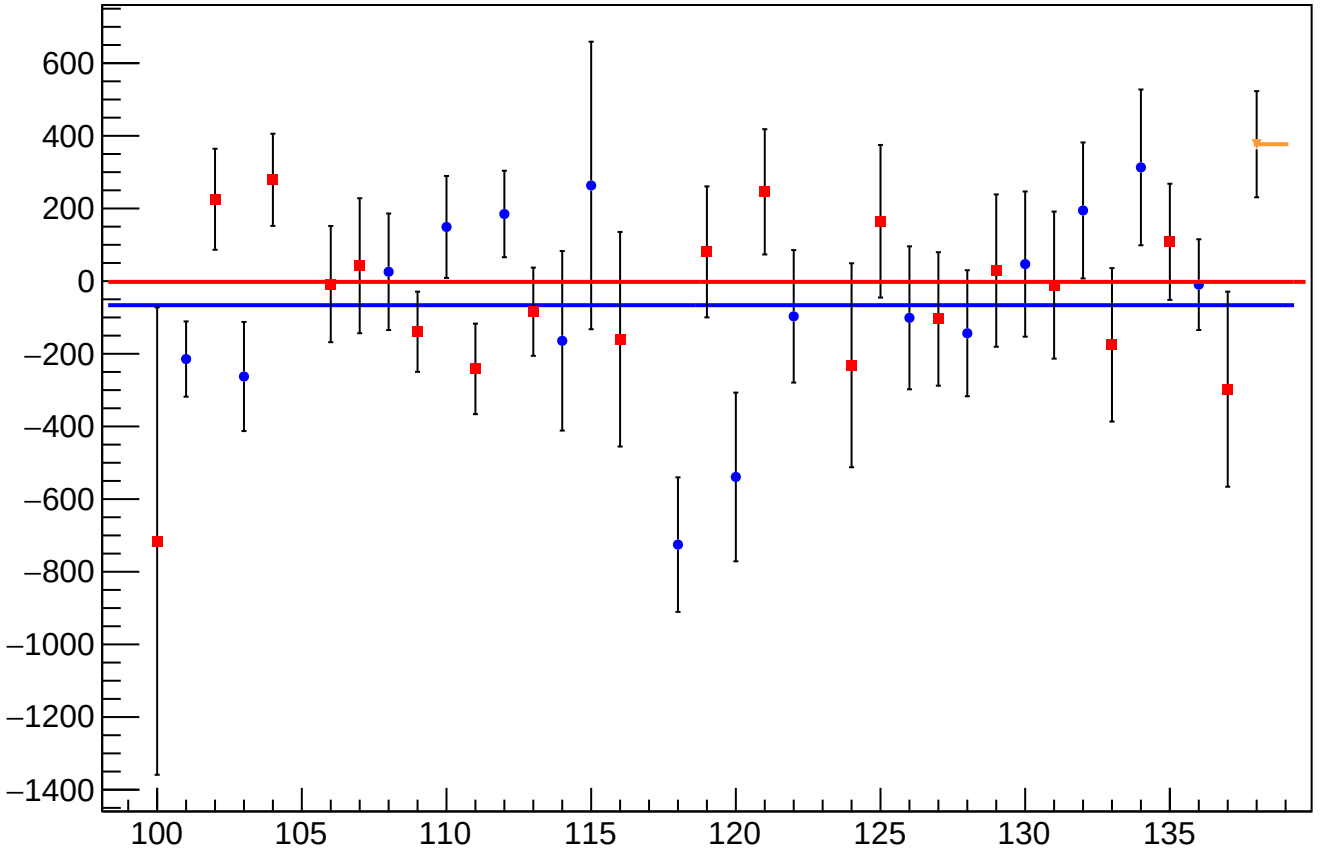
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1196201.1/16

All: 0.000+/-0.000 χ^2/NDF: 3908097.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -66.230+/-40.937 χ^2/NDF: 34.4/15

Left Out: 376.924+/-146.135 χ^2/NDF:0.0/0

Right Out: -2.017+/-38.866 χ^2/NDF: 21.1/18

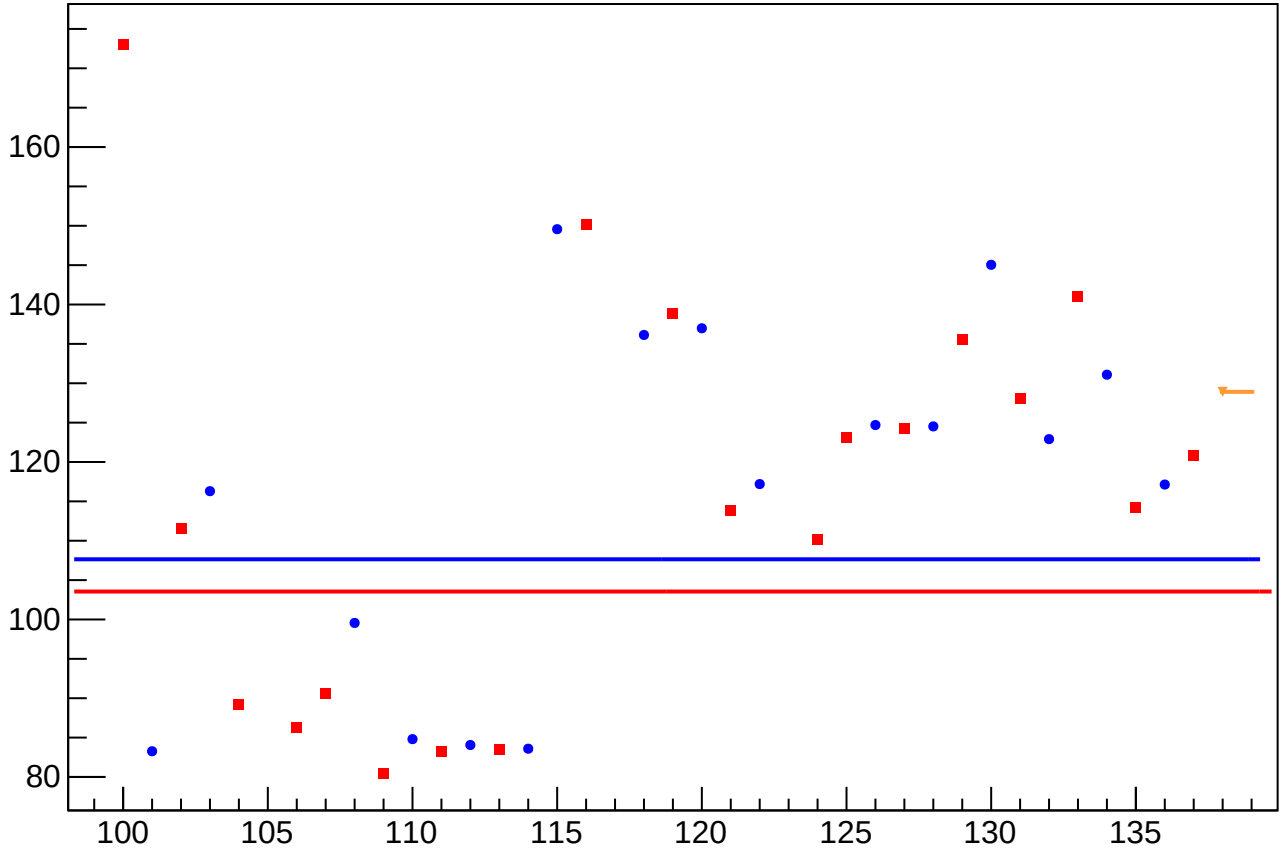
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -33.984+/-39.420 χ^2/NDF: 42.9/16

All: -17.775+/-27.676 χ^2/NDF: 64.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 107.644+/-0.029 χ^2/NDF: 532821.7/15

Left Out: 128.910+/-0.103 χ^2/NDF:0.0/0

Right Out: 103.550+/-0.027 χ^2/NDF: 617345.0/18

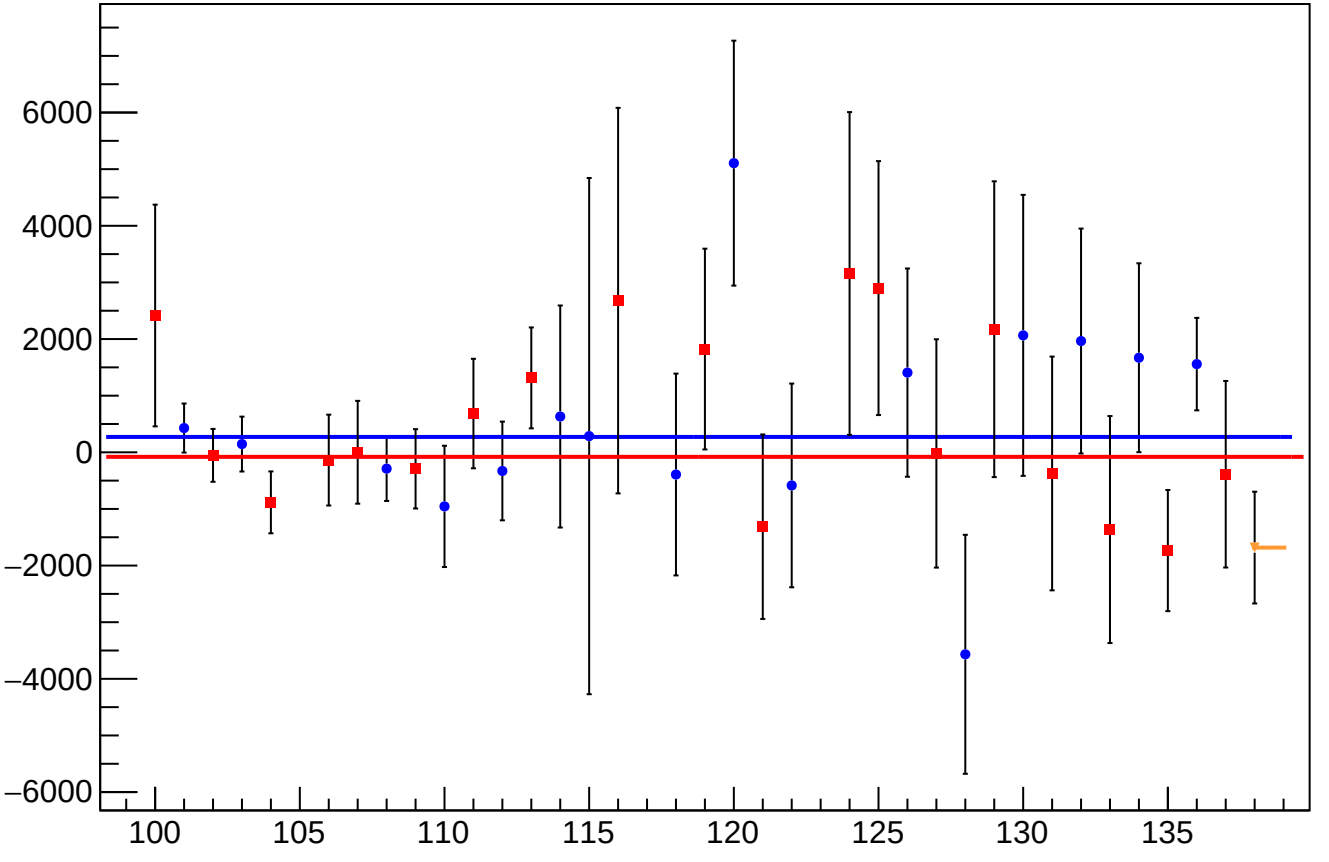
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 109.191+/-0.028 χ^2/NDF: 572092.0/16

All: 106.331+/-0.020 χ^2/NDF: 1210209.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 271.505+/-230.663 χ^2/NDF: 16.5/15

Left Out: -1682.596+/-986.981 χ^2/NDF:0.0/0

Right Out: -80.094+/-232.154 χ^2/NDF: 16.0/18

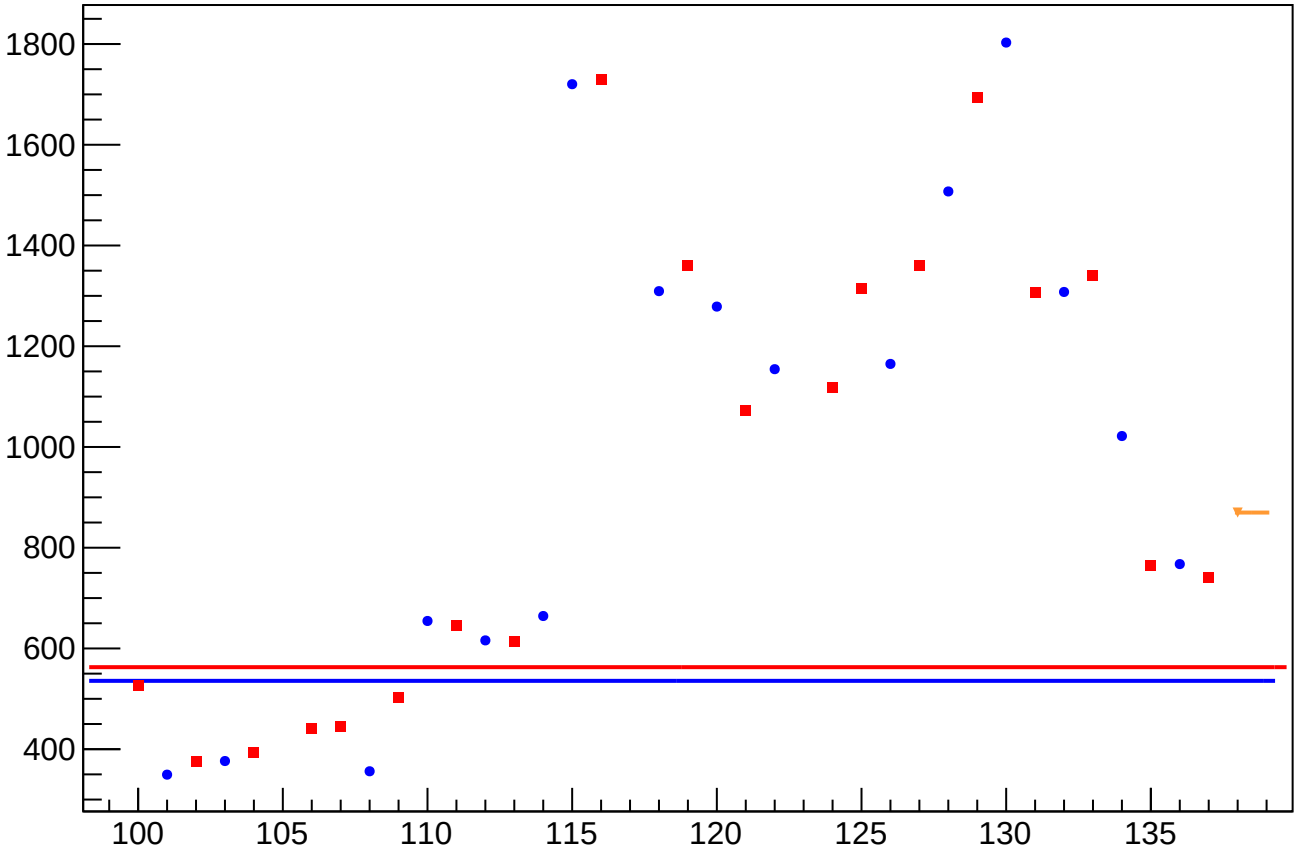
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 170.303+/-224.610 χ^2/NDF: 20.2/16

All: 49.239+/-161.425 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 535.683+/-0.163 χ^2/NDF: 3632390.5/15

Left Out: 869.812+/-0.698 χ^2/NDF:0.0/0

Right Out: 562.845+/-0.164 χ^2/NDF: 3111031.5/18

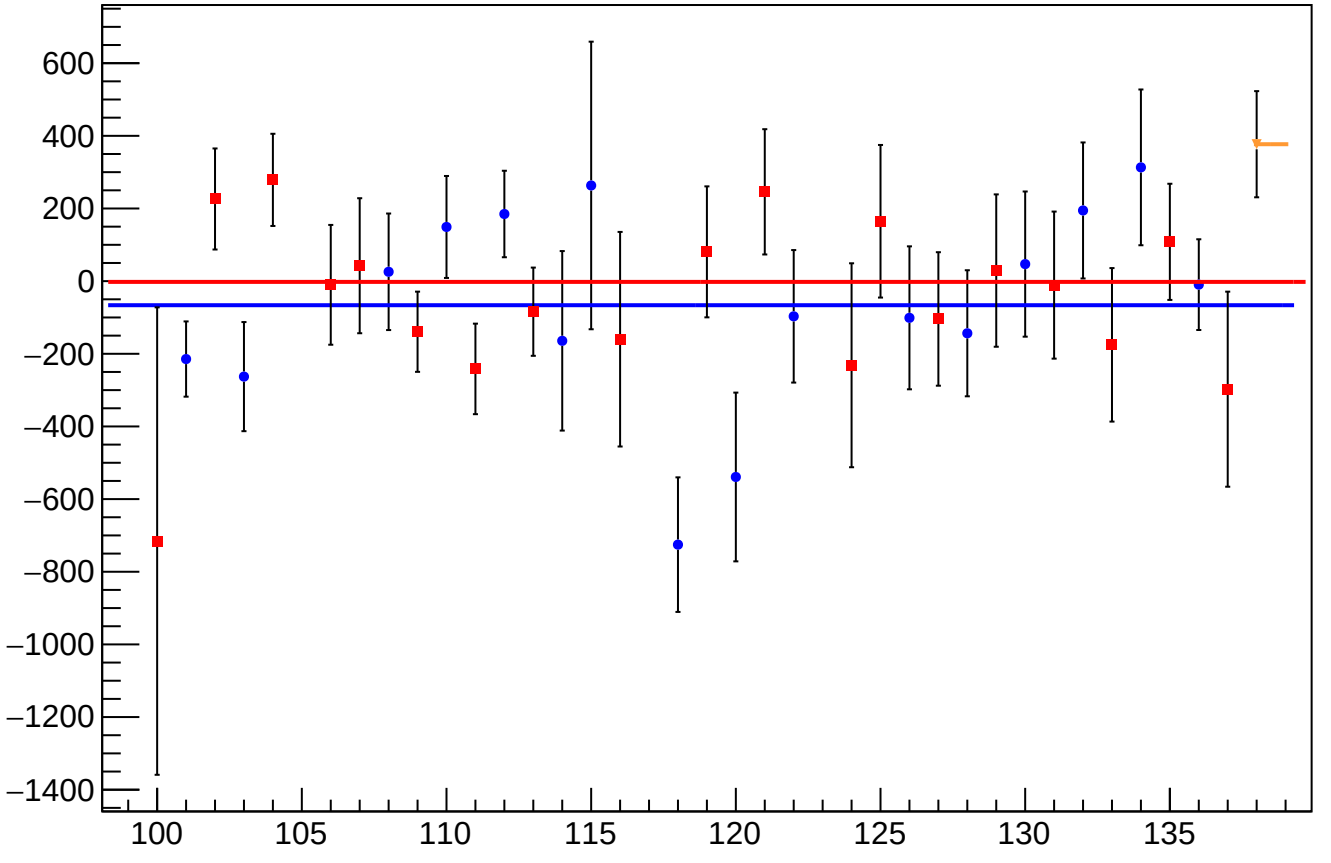
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 552.987+/-0.159 χ^2/NDF: 3849733.3/16

All: 557.753+/-0.114 χ^2/NDF: 6962627.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -66.256+/-40.937 χ^2/NDF: 34.4/15

Left Out: 376.922+/-146.135 χ^2/NDF:0.0/0

Right Out: -2.062+/-38.937 χ^2/NDF: 21.1/18

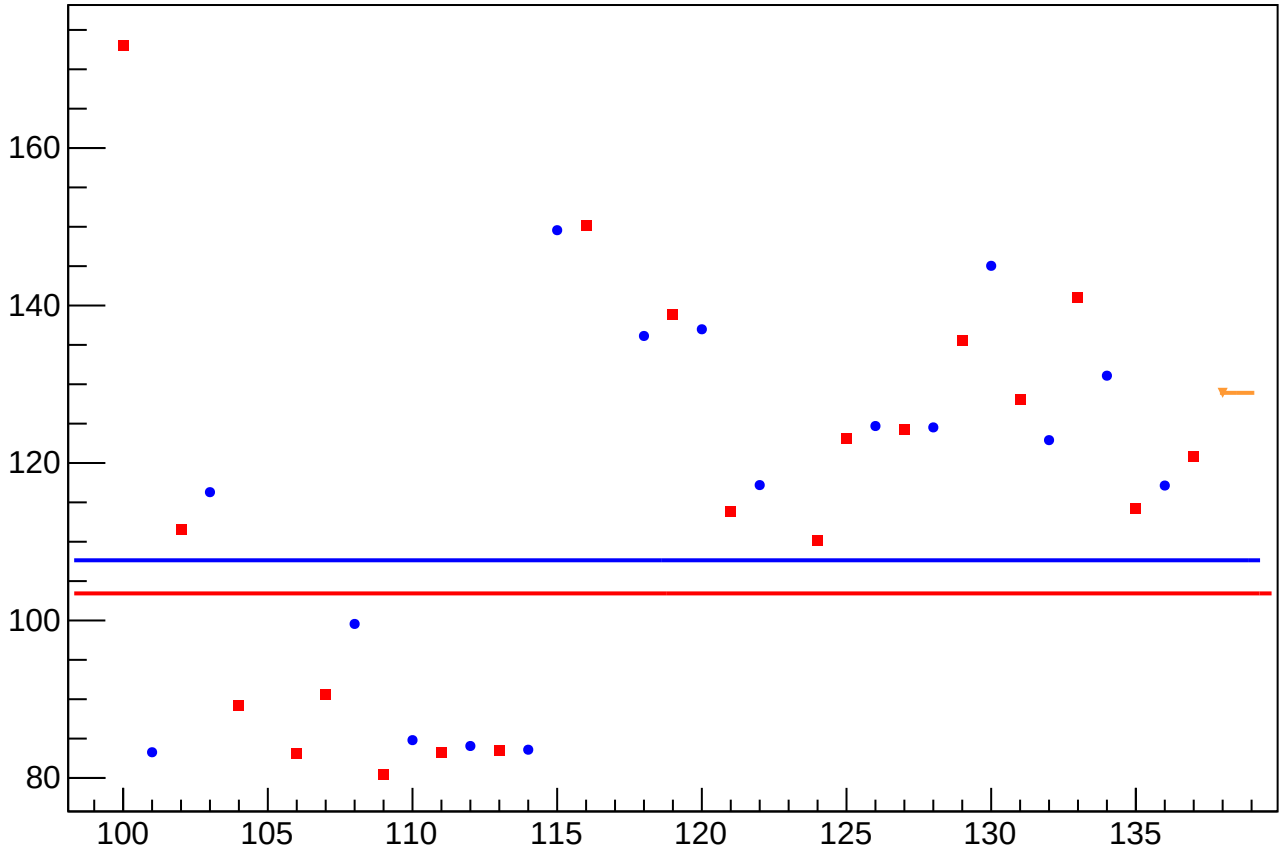
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -34.008+/-39.420 χ^2/NDF: 42.9/16

All: -17.838+/-27.701 χ^2/NDF: 64.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 107.644+/-0.029 χ^2/NDF: 532822.8/15

Left Out: 128.910+/-0.103 χ^2/NDF:0.0/0

Right Out: 103.438+/-0.028 χ^2/NDF: 624750.2/18

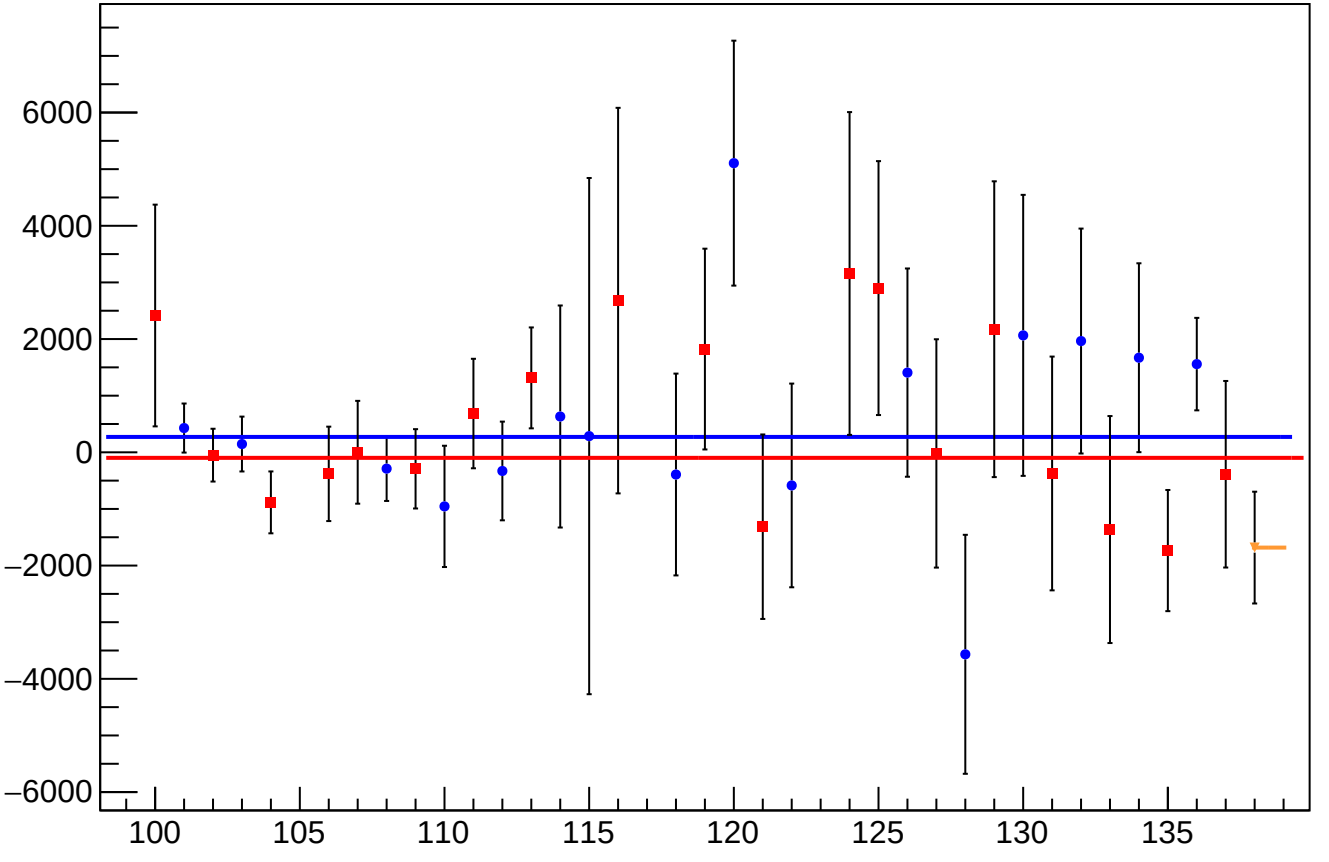
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 109.191+/-0.028 χ^2/NDF: 572092.9/16

All: 106.279+/-0.020 χ^2/NDF: 1218411.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 271.645+/-230.655 χ^2/NDF: 16.5/15

Left Out: -1682.578+/-986.982 χ^2/NDF:0.0/0

Right Out: -97.847+/-232.781 χ^2/NDF: 16.1/18

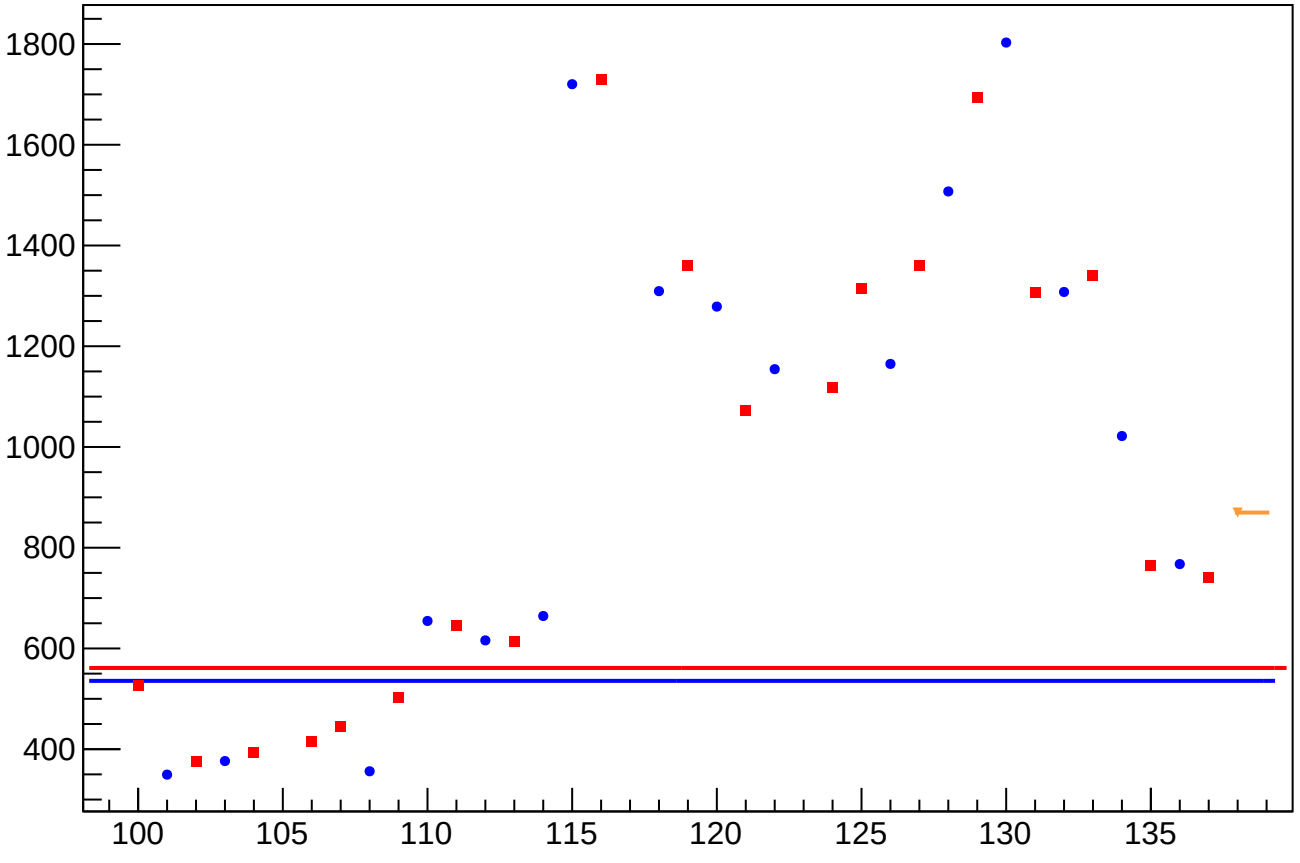
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 170.443+/-224.604 χ^2/NDF: 20.2/16

All: 41.093+/-161.632 χ^2/NDF: 37.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 535.661+/-0.163 χ^2/NDF: 3632591.0/15

Left Out: 869.813+/-0.698 χ^2/NDF:0.0/0

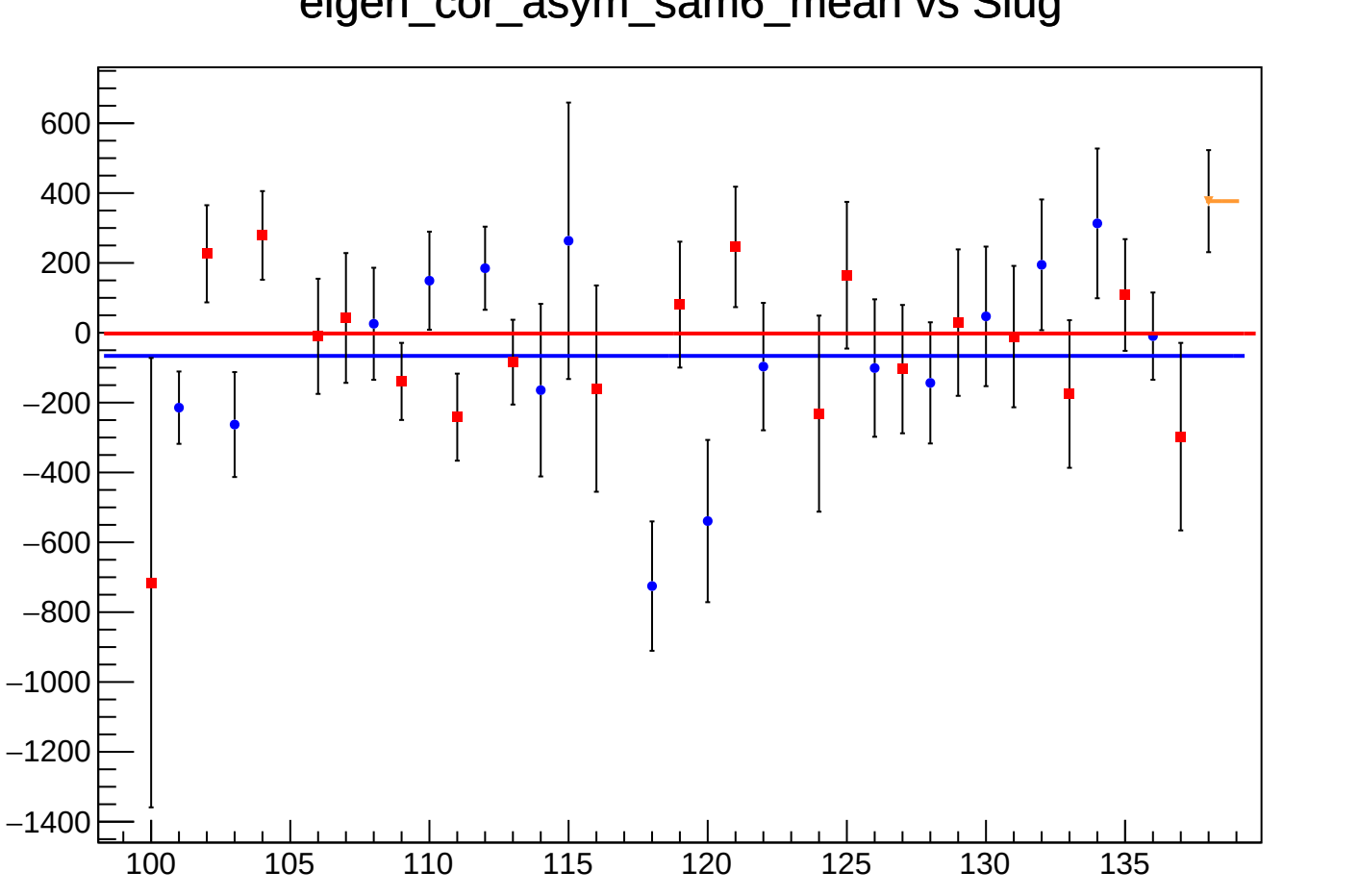
Right Out: 561.270+/-0.165 χ^2/NDF: 3130760.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 552.966+/-0.159 χ^2/NDF: 3849963.8/16

All: 556.969+/-0.114 χ^2/NDF: 6982042.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -66.256+/-40.937 χ^2/NDF: 34.4/15

Left Out: 376.922+/-146.135 χ^2/NDF:0.0/0

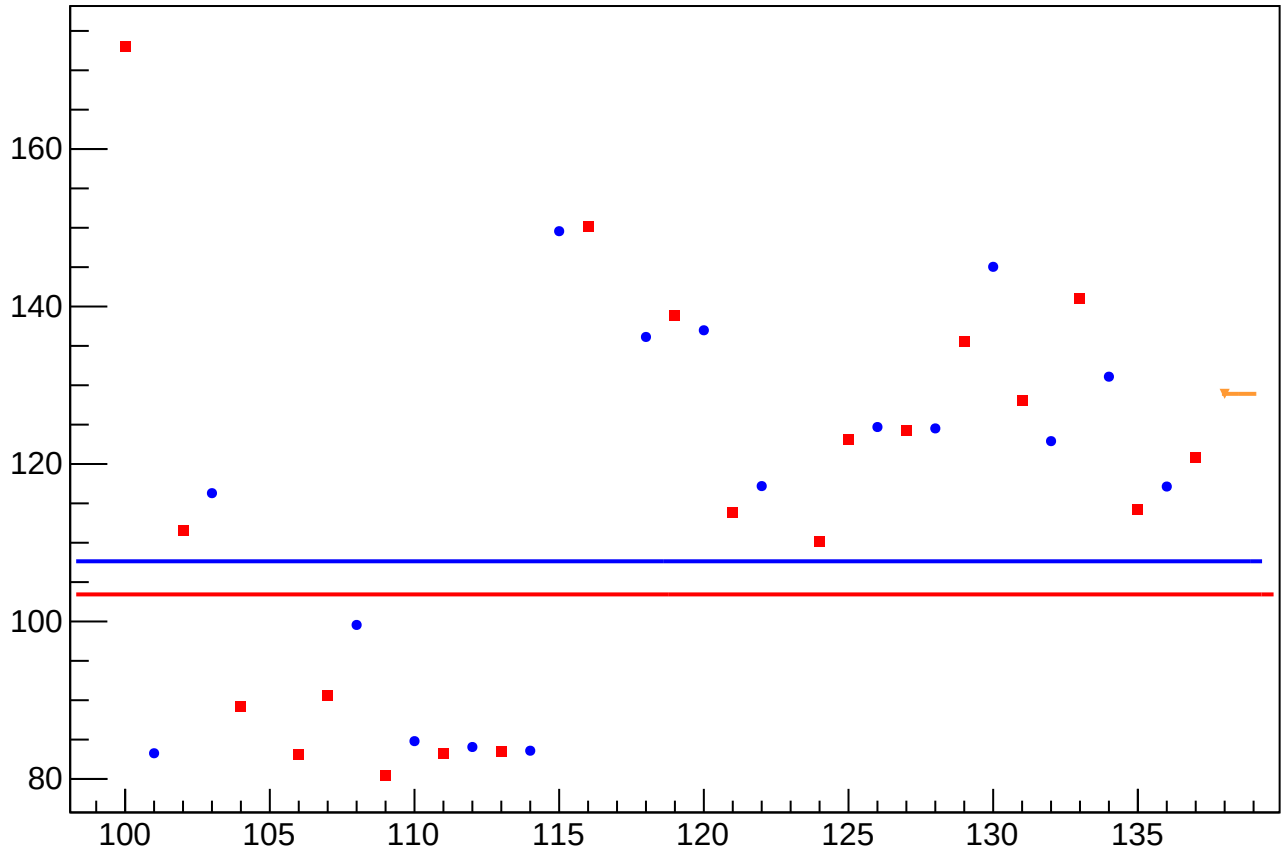
Right Out: -2.062+/-38.937 χ^2/NDF: 21.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -34.008+/-39.420 χ^2/NDF: 42.9/16

All: -17.838+/-27.701 χ^2/NDF: 64.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 107.644+/-0.029 χ^2/NDF: 532822.8/15

Left Out: 128.910+/-0.103 χ^2/NDF:0.0/0

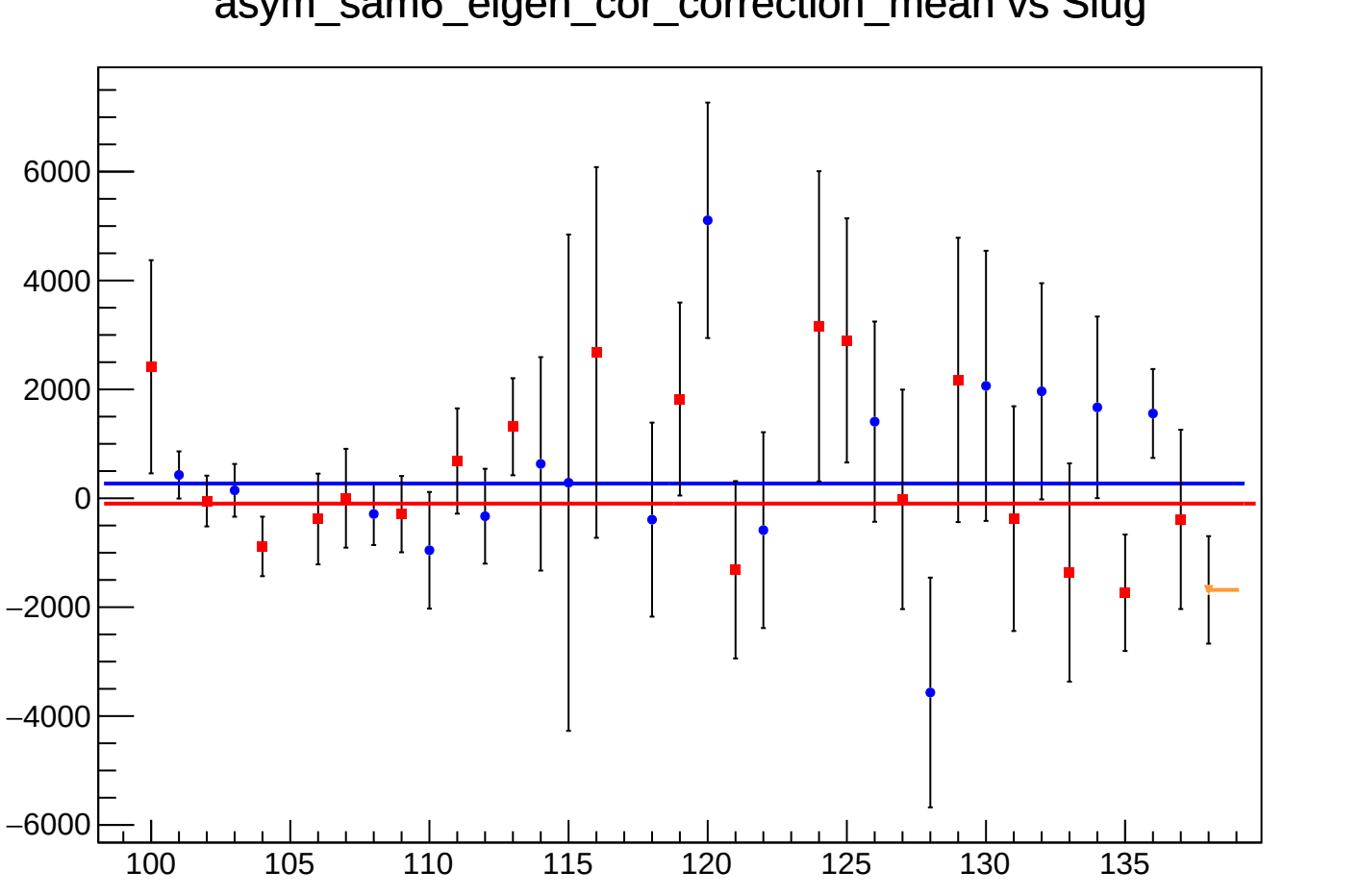
Right Out: 103.438+/-0.028 χ^2/NDF: 624750.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 109.191+/-0.028 χ^2/NDF: 572092.9/16

All: 106.279+/-0.020 χ^2/NDF: 1218411.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 271.645+/-230.655 χ^2/NDF: 16.5/15

Left Out: -1682.578+/-986.982 χ^2/NDF:0.0/0

Right Out: -97.847+/-232.781 χ^2/NDF: 16.1/18

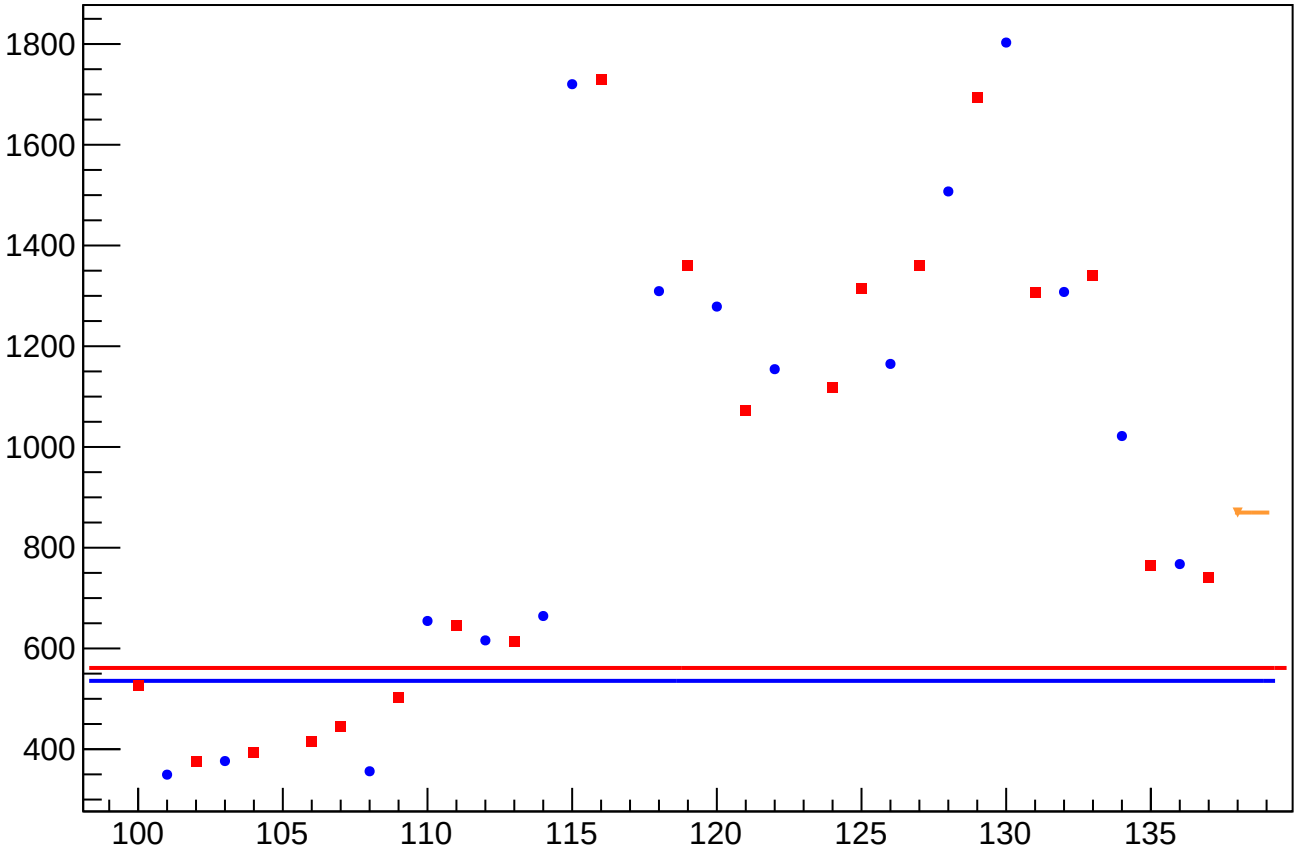
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 170.443+/-224.604 χ^2/NDF: 20.2/16

All: 41.093+/-161.632 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 535.661+/-0.163 χ^2/NDF: 3632591.0/15

Left Out: 869.813+/-0.698 χ^2/NDF:0.0/0

Right Out: 561.270+/-0.165 χ^2/NDF: 3130760.7/18

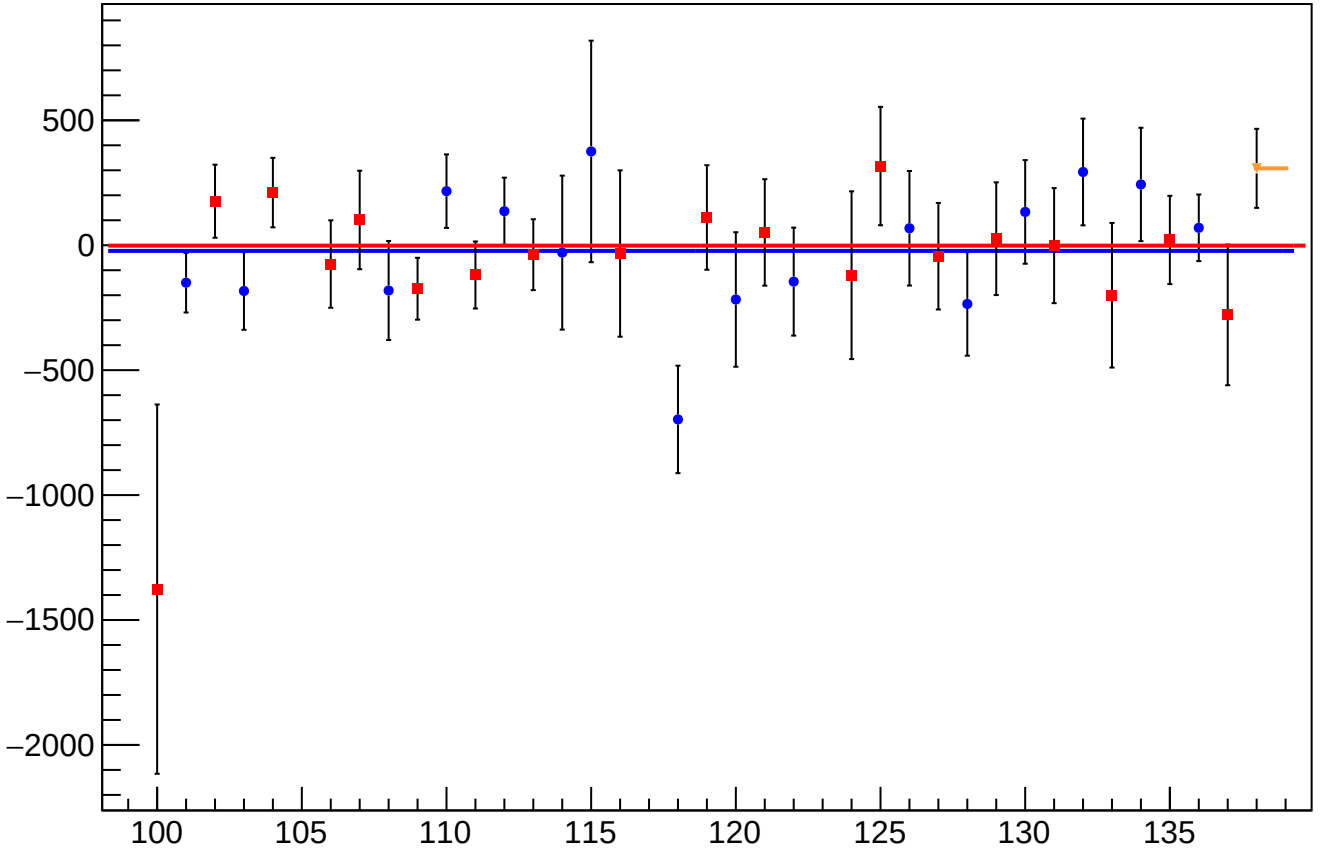
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 552.966+/-0.159 χ^2/NDF: 3849963.8/16

All: 556.969+/-0.114 χ^2/NDF: 6982042.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -22.678+/-45.908 χ^2/NDF: 24.2/15

Left Out: 307.773+/-158.223 χ^2/NDF:0.0/0

Right Out: -1.600+/-43.563 χ^2/NDF: 14.3/18

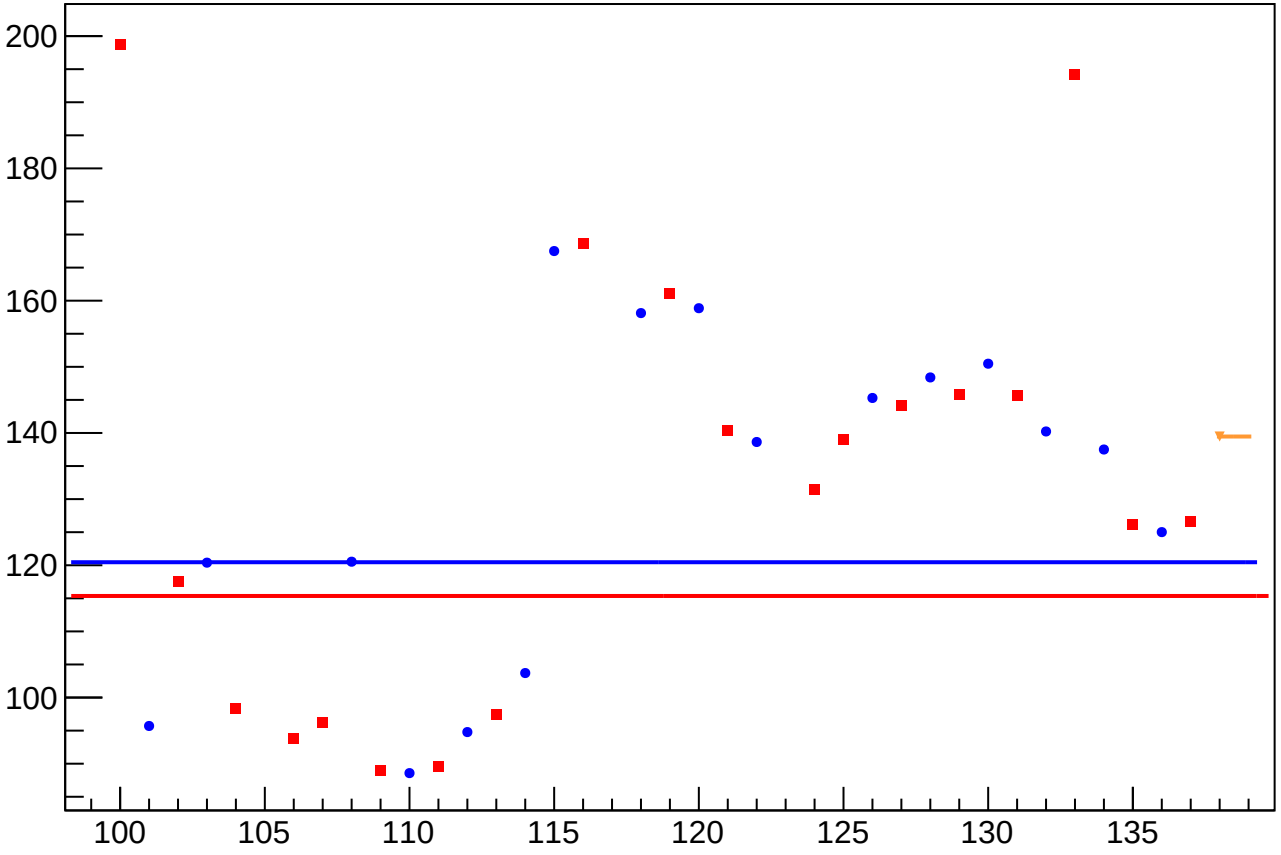
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.982+/-44.090 χ^2/NDF: 28.2/16

All: 0.663+/-30.988 χ^2/NDF: 42.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 120.458+/-0.032 χ^2/NDF: 530331.6/15

Left Out: 139.463+/-0.112 χ^2/NDF:0.0/0

Right Out: 115.357+/-0.031 χ^2/NDF: 767236.0/18

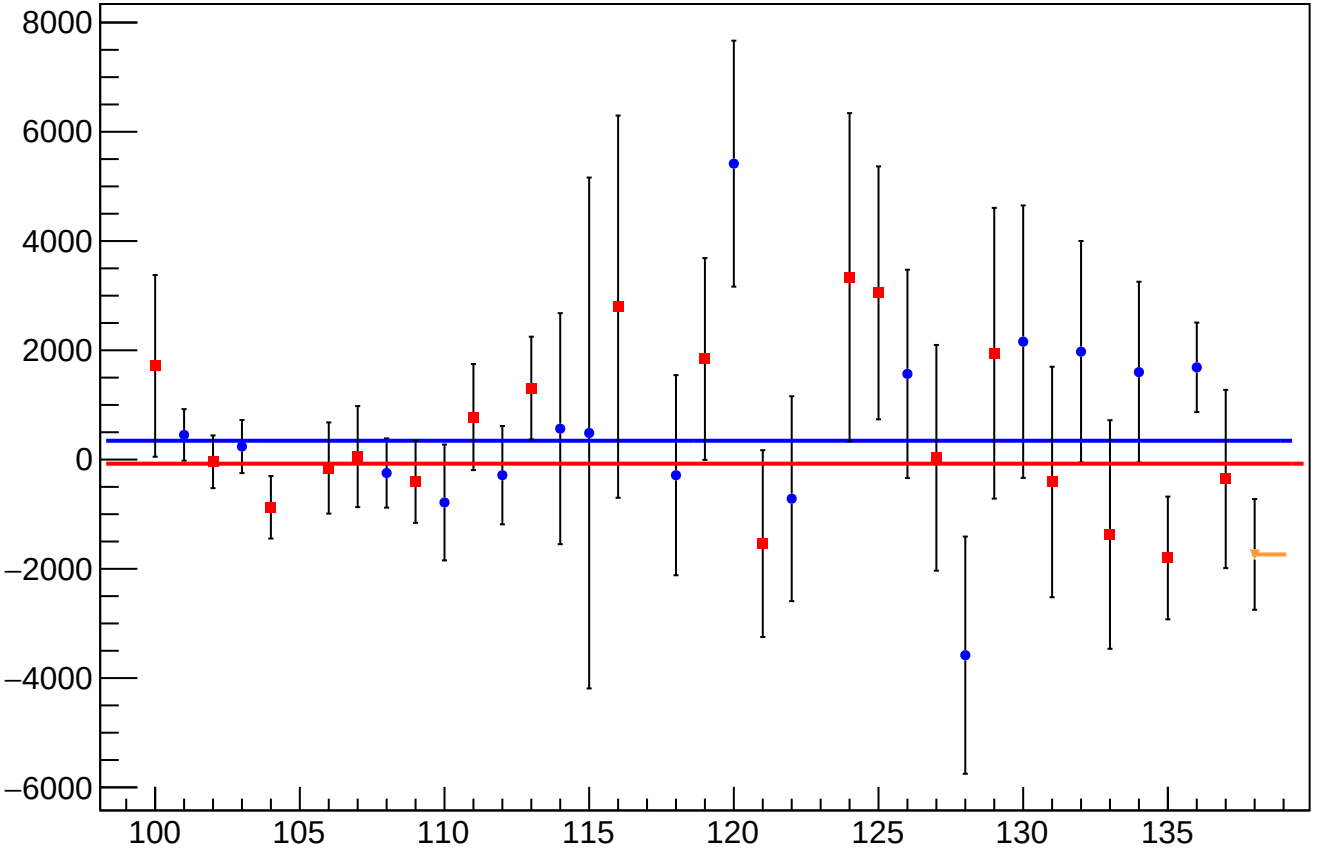
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.934+/-0.031 χ^2/NDF: 556945.9/16

All: 118.606+/-0.022 χ^2/NDF: 1346702.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 344.437+/-241.532 χ^2/NDF: 16.2/15

Left Out: -1736.444+/-1013.474 χ^2/NDF:0.0/0

Right Out: -75.434+/-240.479 χ^2/NDF: 15.3/18

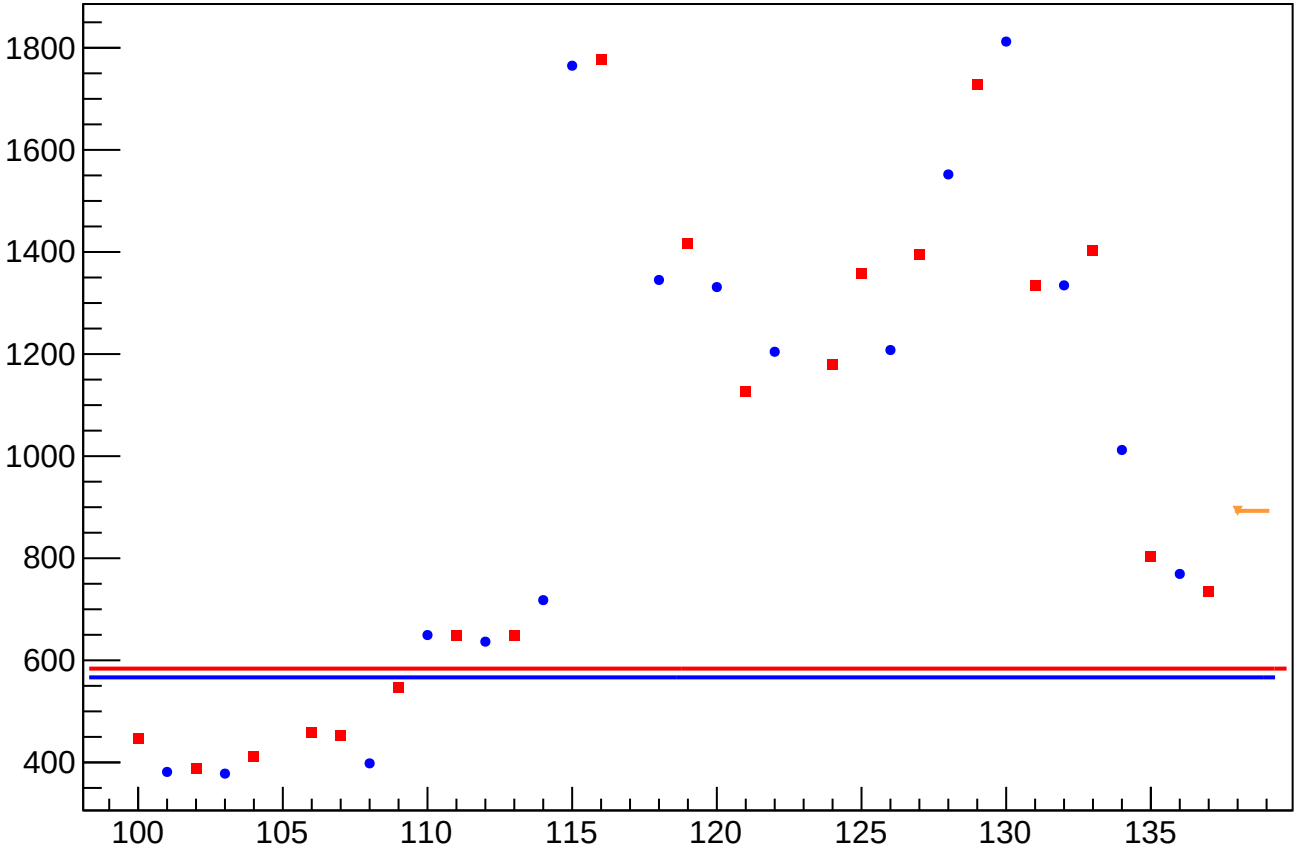
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 232.602+/-234.952 χ^2/NDF: 20.2/16

All: 82.165+/-168.056 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 566.603+/-0.171 χ^2/NDF: 3432440.2/15

Left Out: 892.890+/-0.717 χ^2/NDF:0.0/0

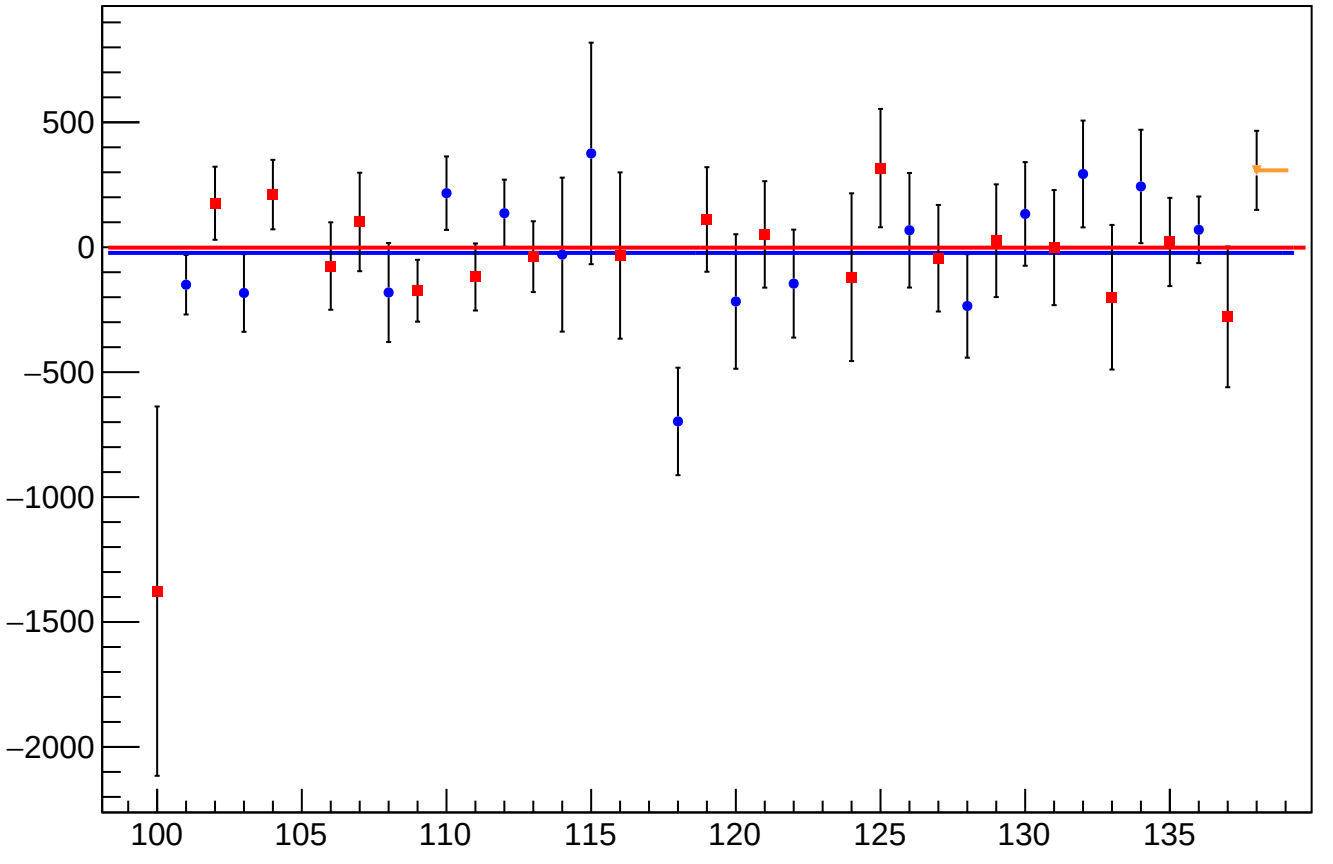
Right Out: 583.794+/-0.170 χ^2/NDF: 3107513.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 584.139+/-0.166 χ^2/NDF: 3628600.7/16

All: 583.971+/-0.119 χ^2/NDF: 6736116.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -22.680+/-45.908 χ^2/NDF: 24.2/15

Left Out: 307.777+/-158.223 χ^2/NDF:0.0/0

Right Out: -1.601+/-43.563 χ^2/NDF: 14.3/18

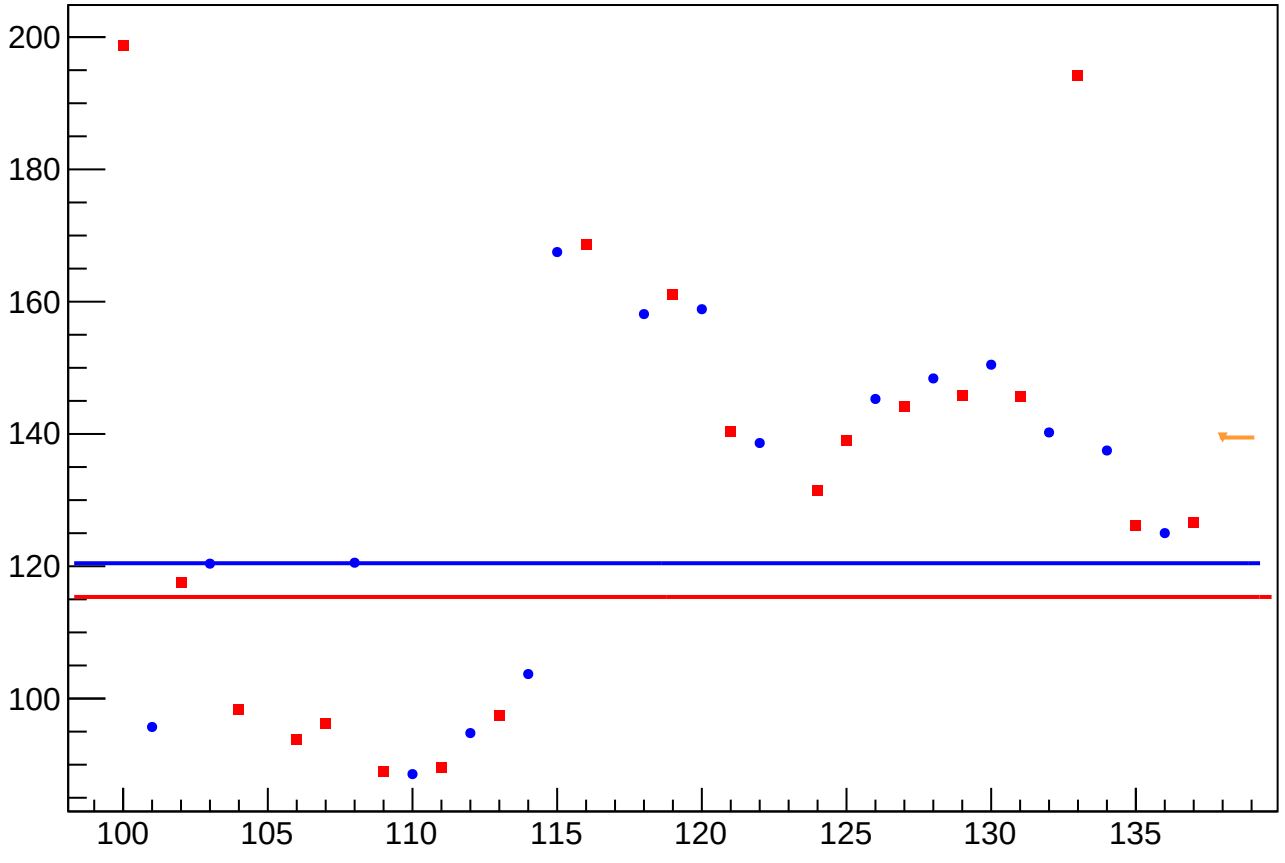
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.980+/-44.090 χ^2/NDF: 28.2/16

All: 0.662+/-30.988 χ^2/NDF: 42.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 120.458+/-0.032 χ^2/NDF: 530335.0/15

Left Out: 139.463+/-0.112 χ^2/NDF:0.0/0

Right Out: 115.357+/-0.031 χ^2/NDF: 767234.8/18

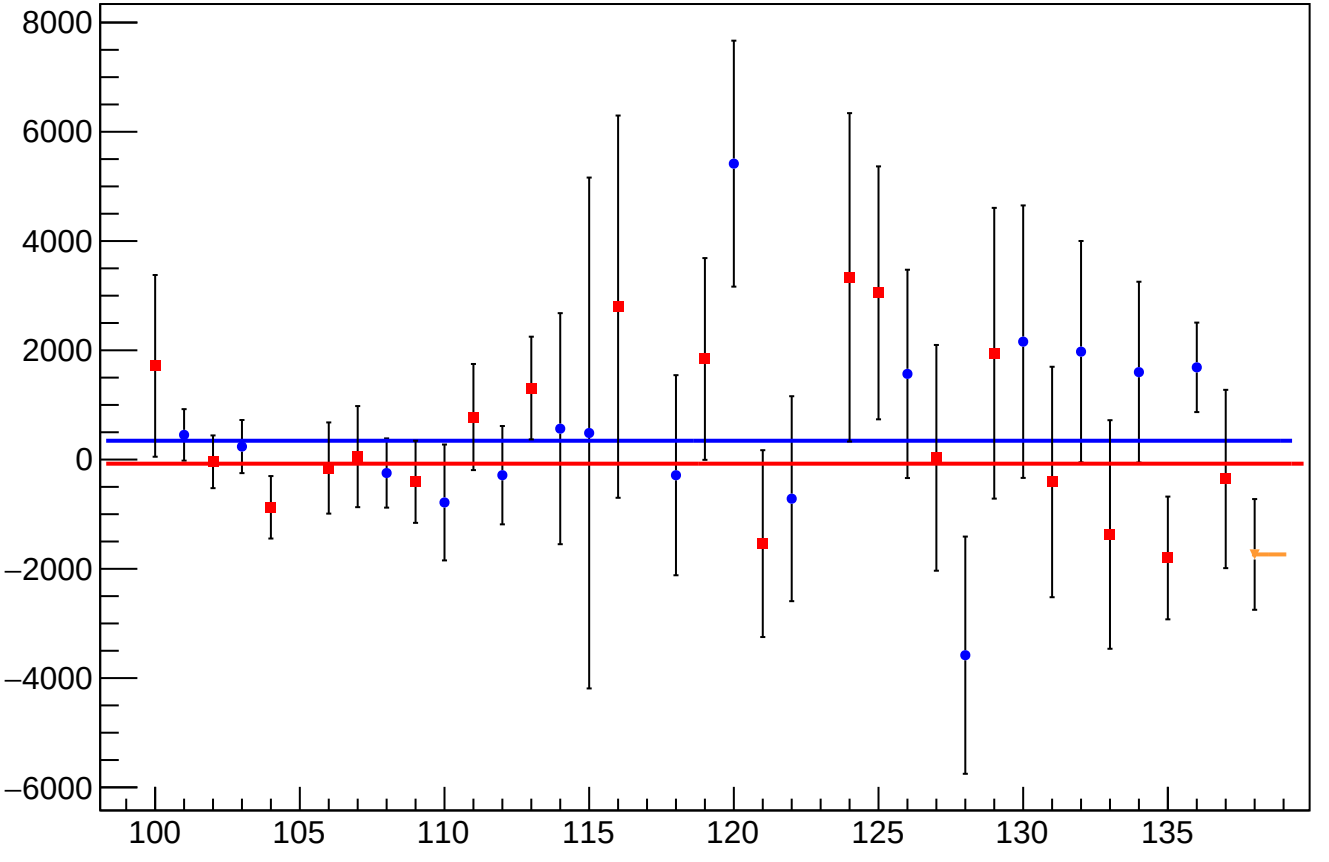
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.934+/-0.031 χ^2/NDF: 556950.1/16

All: 118.606+/-0.022 χ^2/NDF: 1346705.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 344.436+/-241.531 χ^2/NDF: 16.2/15

Left Out: -1736.440+/-1013.474 χ^2/NDF:0.0/0

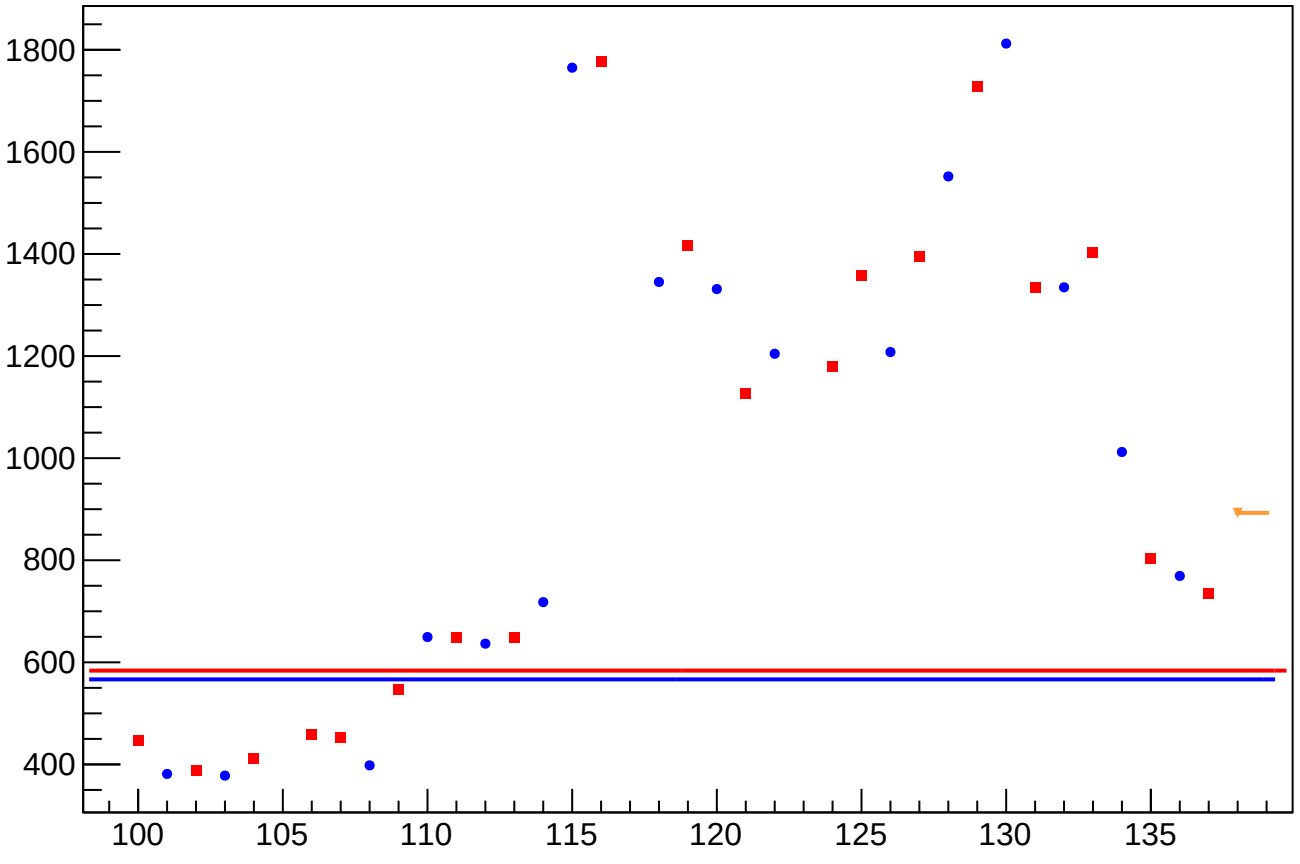
Right Out: -75.435+/-240.479 χ^2/NDF: 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 232.601+/-234.951 χ^2/NDF: 20.2/16

All: 82.164+/-168.056 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 566.603+/-0.171 χ^2/NDF: 3432444.7/15

Left Out: 892.890+/-0.717 χ^2/NDF:0.0/0

Right Out: 583.794+/-0.170 χ^2/NDF: 3107513.8/18

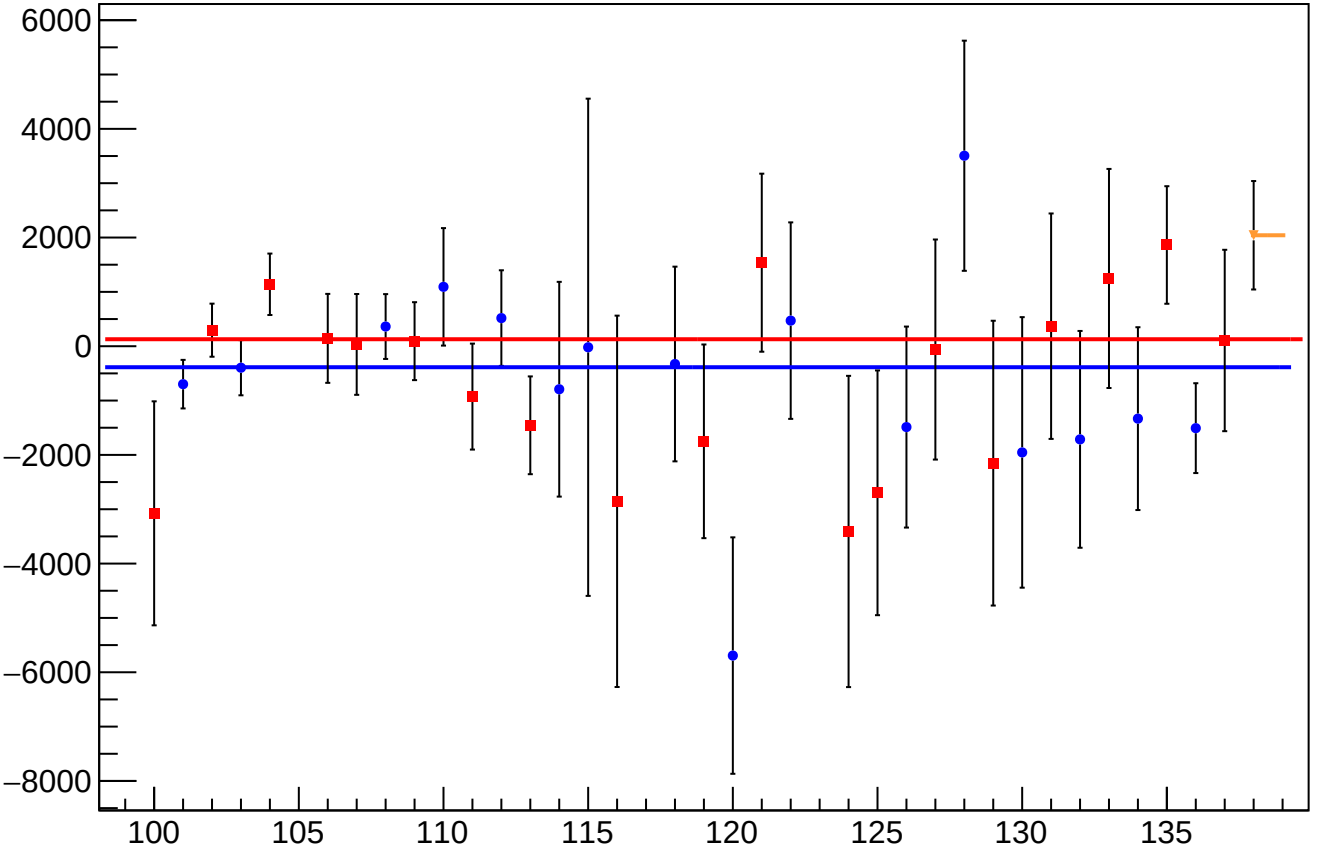
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 584.139+/-0.166 χ^2/NDF: 3628606.4/16

All: 583.970+/-0.119 χ^2/NDF: 6736122.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_mean vs Slug



Right In: -386.522+/-237.525 χ^2/NDF: 17.9/15

Left Out: 2041.880+/-997.846 χ^2/NDF:0.0/0

Right Out: 128.583+/-238.241 χ^2/NDF: 19.4/18

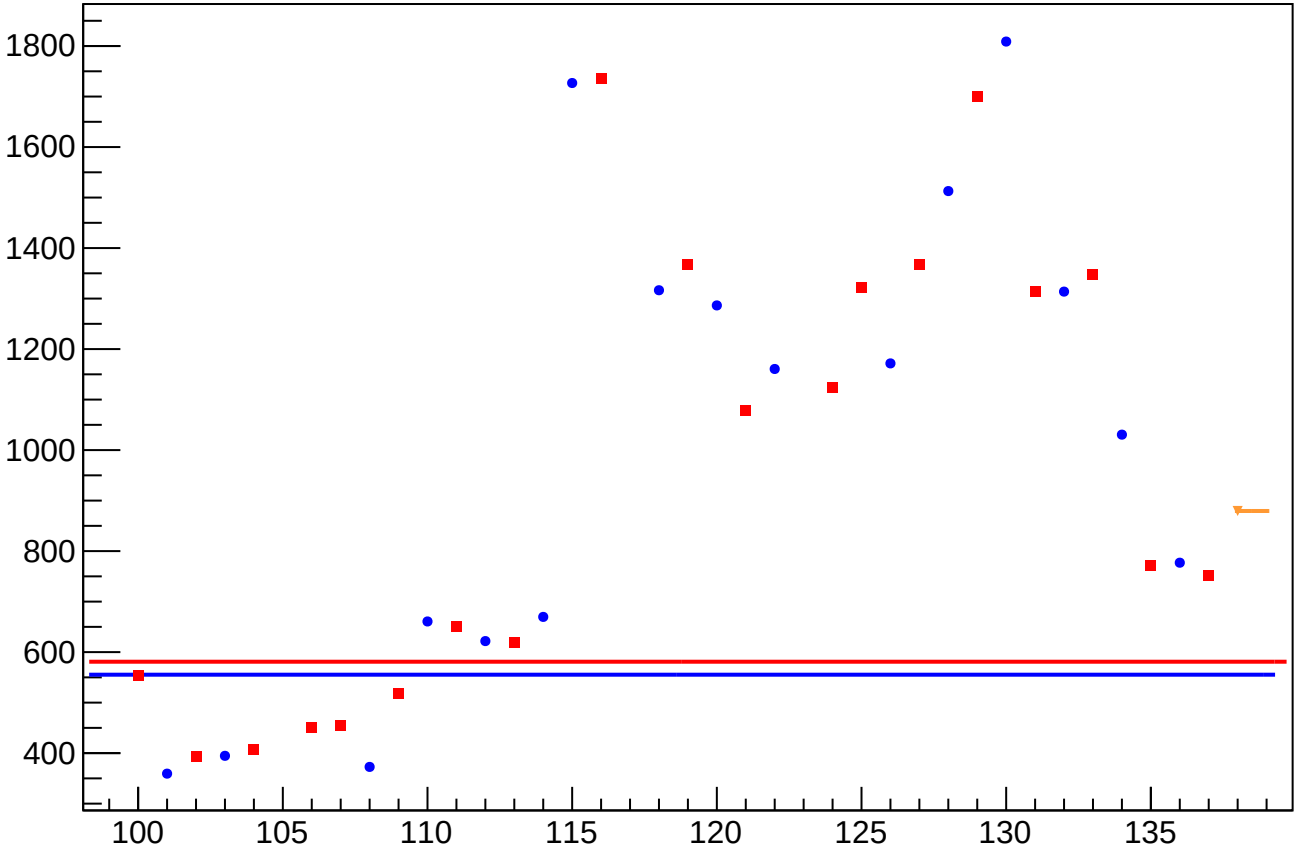
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -256.303+/-231.068 χ^2/NDF: 23.5/16

All: -69.741+/-165.868 χ^2/NDF: 44.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_rms vs Slug



Right In: 555.292+/-0.168 χ^2/NDF: 3482531.0/15

Left Out: 879.429+/-0.706 χ^2/NDF:0.0/0

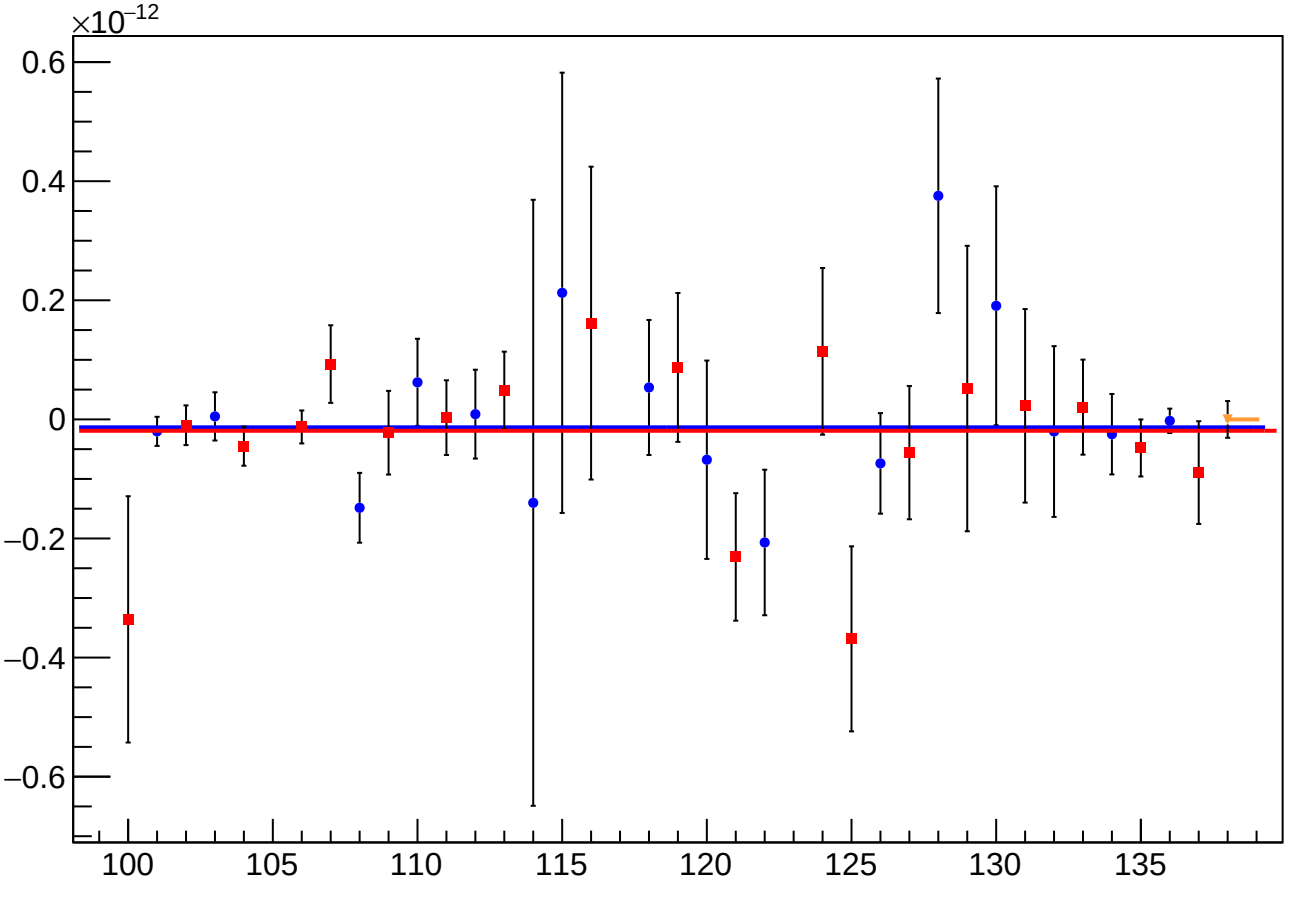
Right Out: 580.996+/-0.168 χ^2/NDF: 2983560.8/18

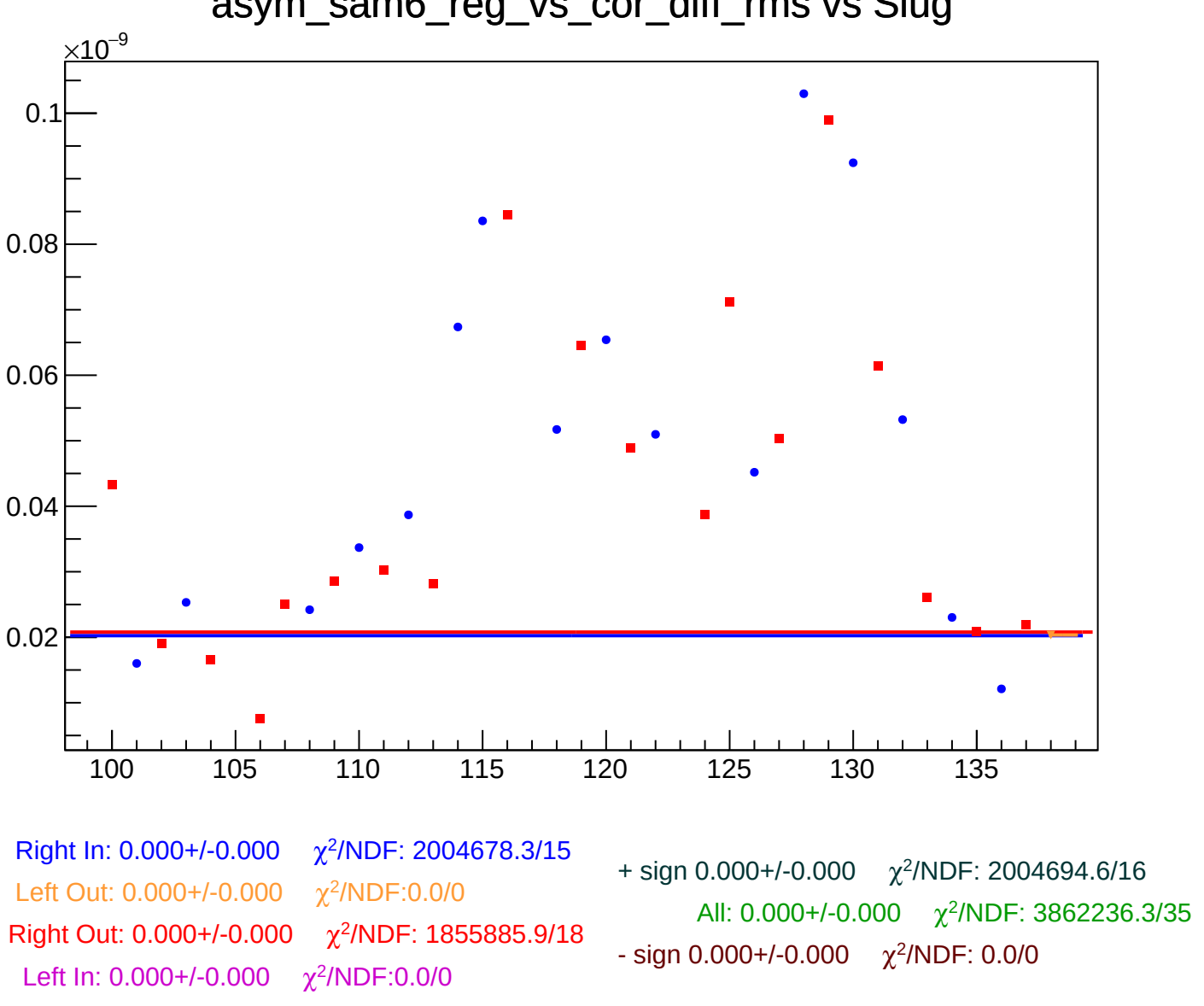
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 572.673+/-0.163 χ^2/NDF: 3682252.4/16

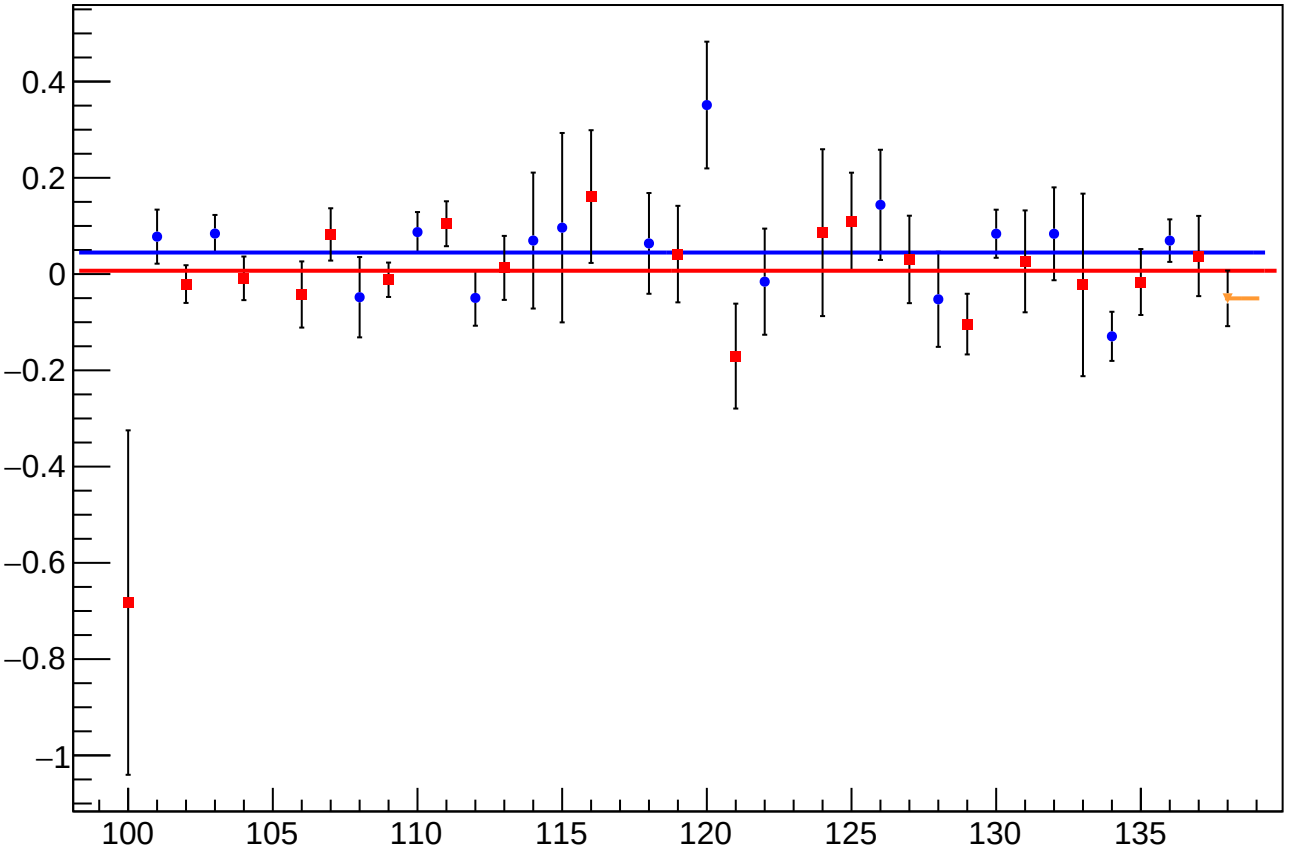
All: 576.707+/-0.117 χ^2/NDF: 6667070.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam6_reg_vs_cor_diff_mean vs Slug
×10^−12
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
100
105
110
115
120
125
130
135
Right In: -0.000+/-0.000 χ²/NDF: 15.9/15
Left Out: -0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.000+/-0.000 χ²/NDF: 19.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.000+/-0.000 χ²/NDF: 16.1/16
All: -0.000+/-0.000 χ²/NDF: 36.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


asym_sam6_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2004678.3/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1855885.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2004694.6/16
All: 0.000+/-0.000 χ²/NDF: 3862236.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.045+/-0.016 χ^2/NDF: 26.6/15

Left Out: -0.051+/-0.058 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.015 χ^2/NDF: 20.2/18

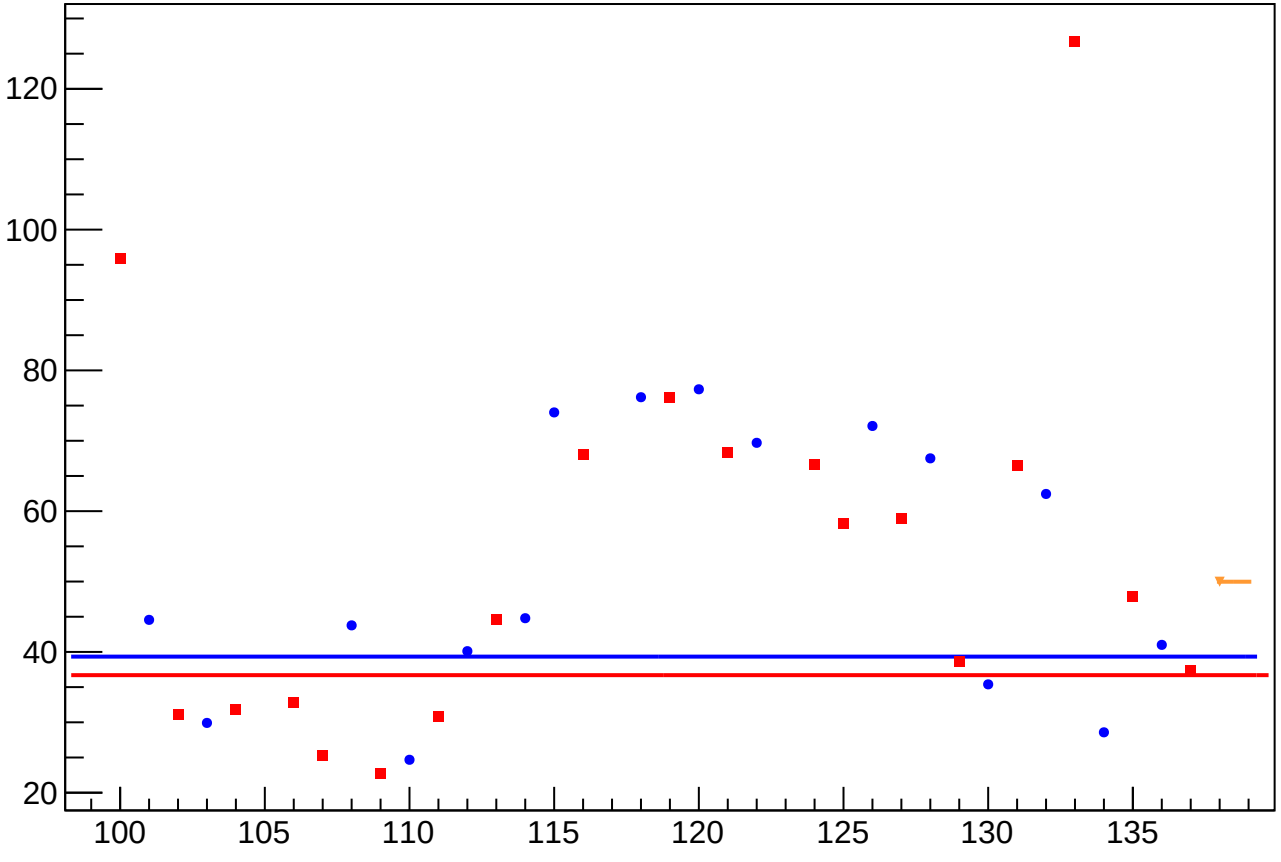
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.038+/-0.015 χ^2/NDF: 29.1/16

All: 0.022+/-0.011 χ^2/NDF: 51.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 39.335+/-0.011 χ^2/NDF: 1566525.1/15

Left Out: 49.975+/-0.041 χ^2/NDF:0.0/0

Right Out: 36.700+/-0.011 χ^2/NDF: 2096756.0/18

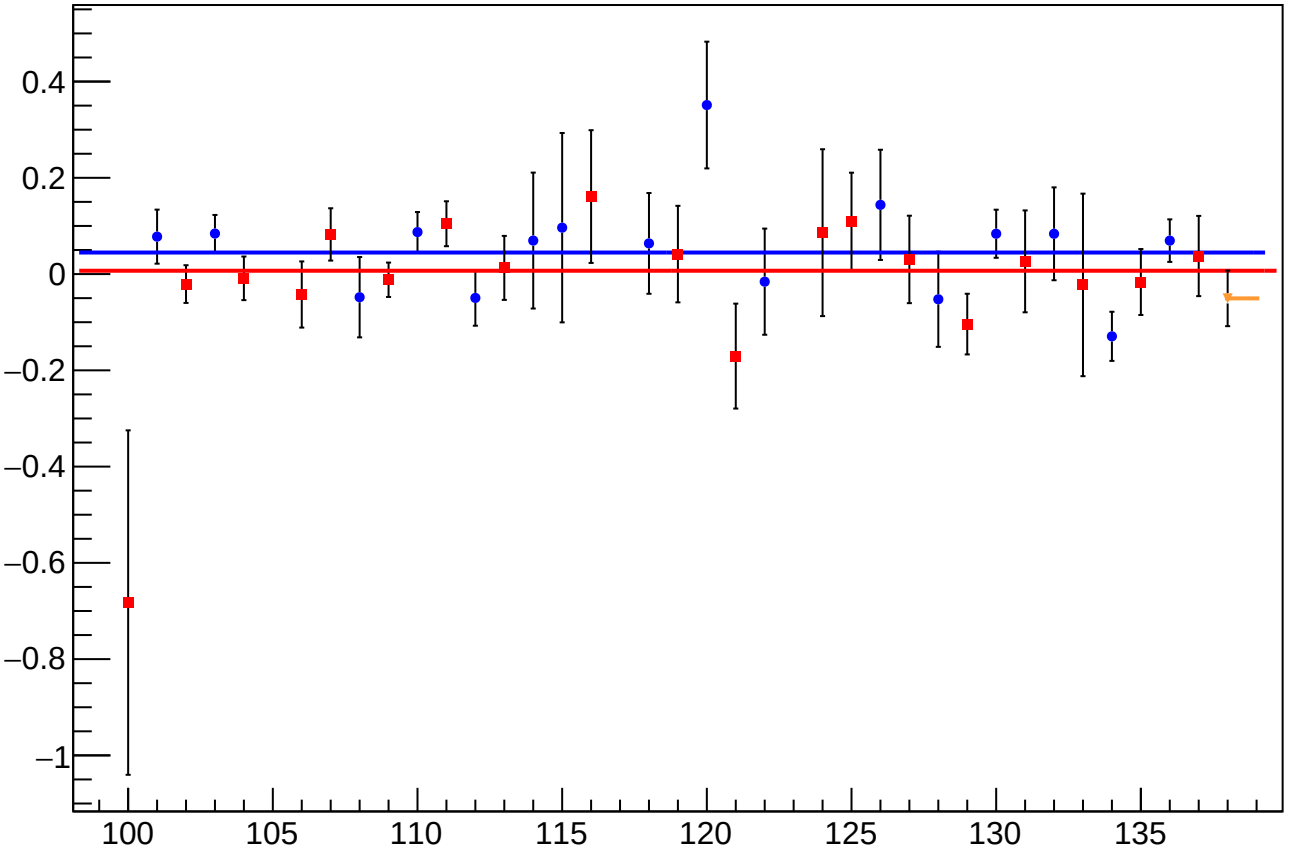
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 40.096+/-0.011 χ^2/NDF: 1629661.3/16

All: 38.362+/-0.008 χ^2/NDF: 3775856.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.045+/-0.016 χ^2/NDF: 26.6/15

Left Out: -0.051+/-0.058 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.015 χ^2/NDF: 20.2/18

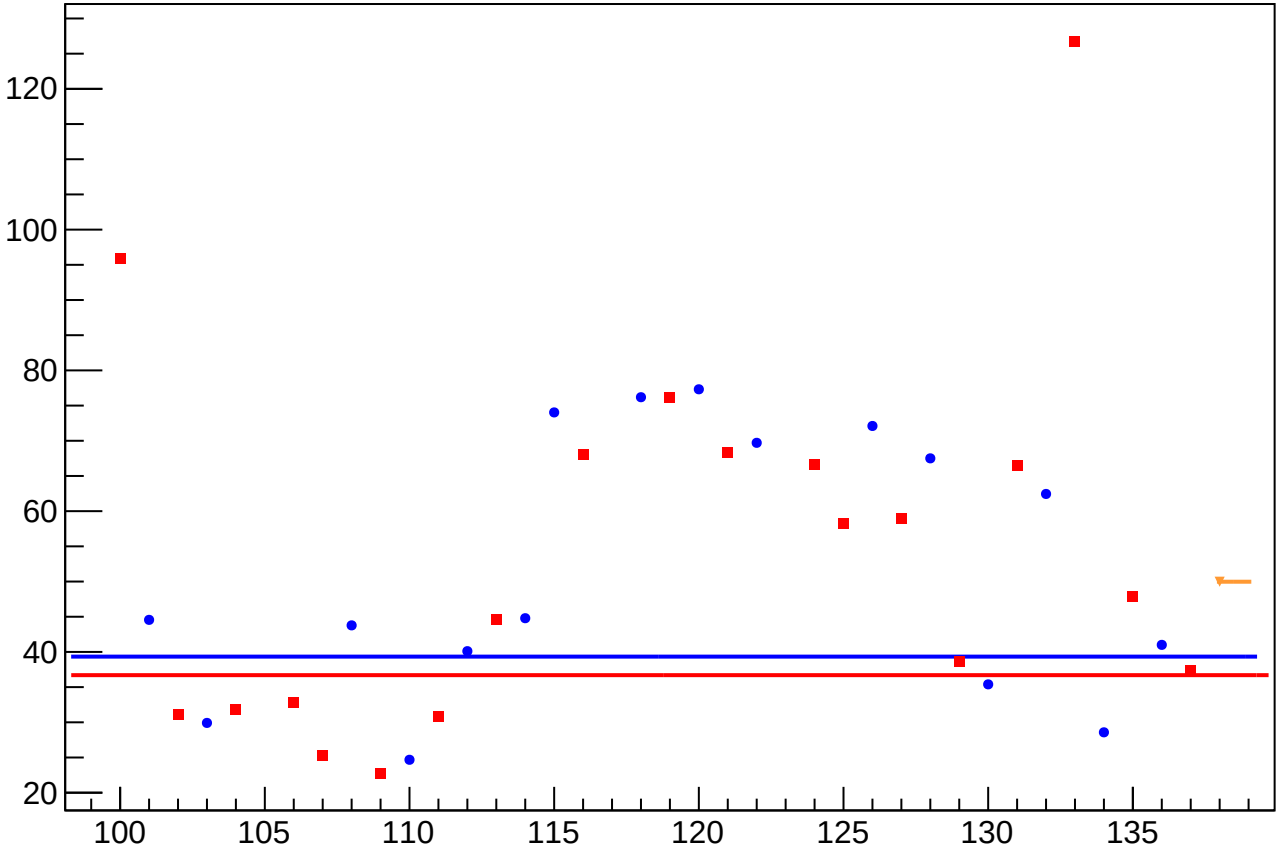
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.038+/-0.015 χ^2/NDF: 29.1/16

All: 0.022+/-0.011 χ^2/NDF: 51.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.335+/-0.011 χ^2/NDF: 1566525.1/15

Left Out: 49.975+/-0.041 χ^2/NDF:0.0/0

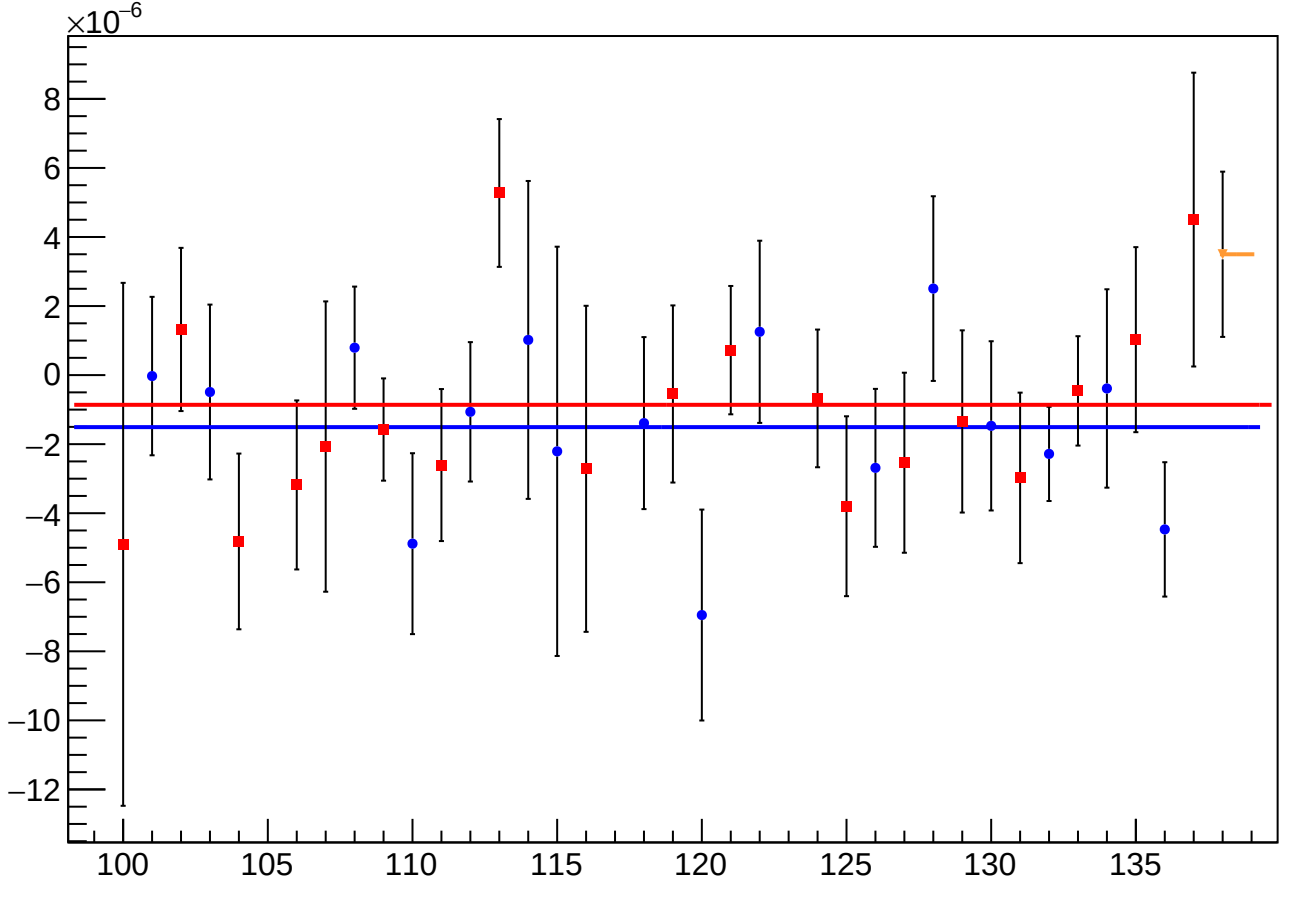
Right Out: 36.700+/-0.011 χ^2/NDF: 2096756.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 40.096+/-0.011 χ^2/NDF: 1629661.3/16

All: 38.362+/-0.008 χ^2/NDF: 3775856.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 19.1/18

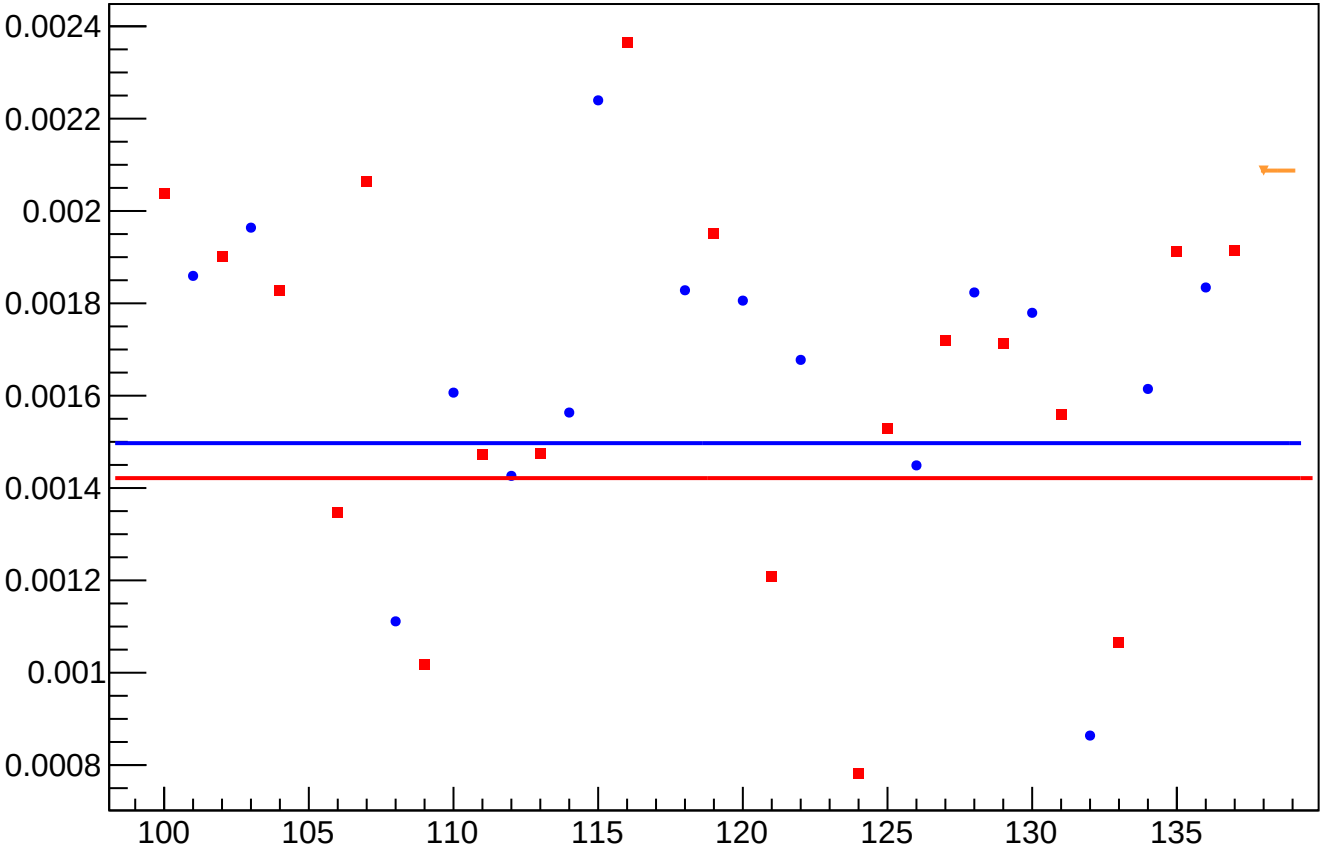
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.0/16

All: -0.000+/-0.000 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 867330.7/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF: 998047.4/18

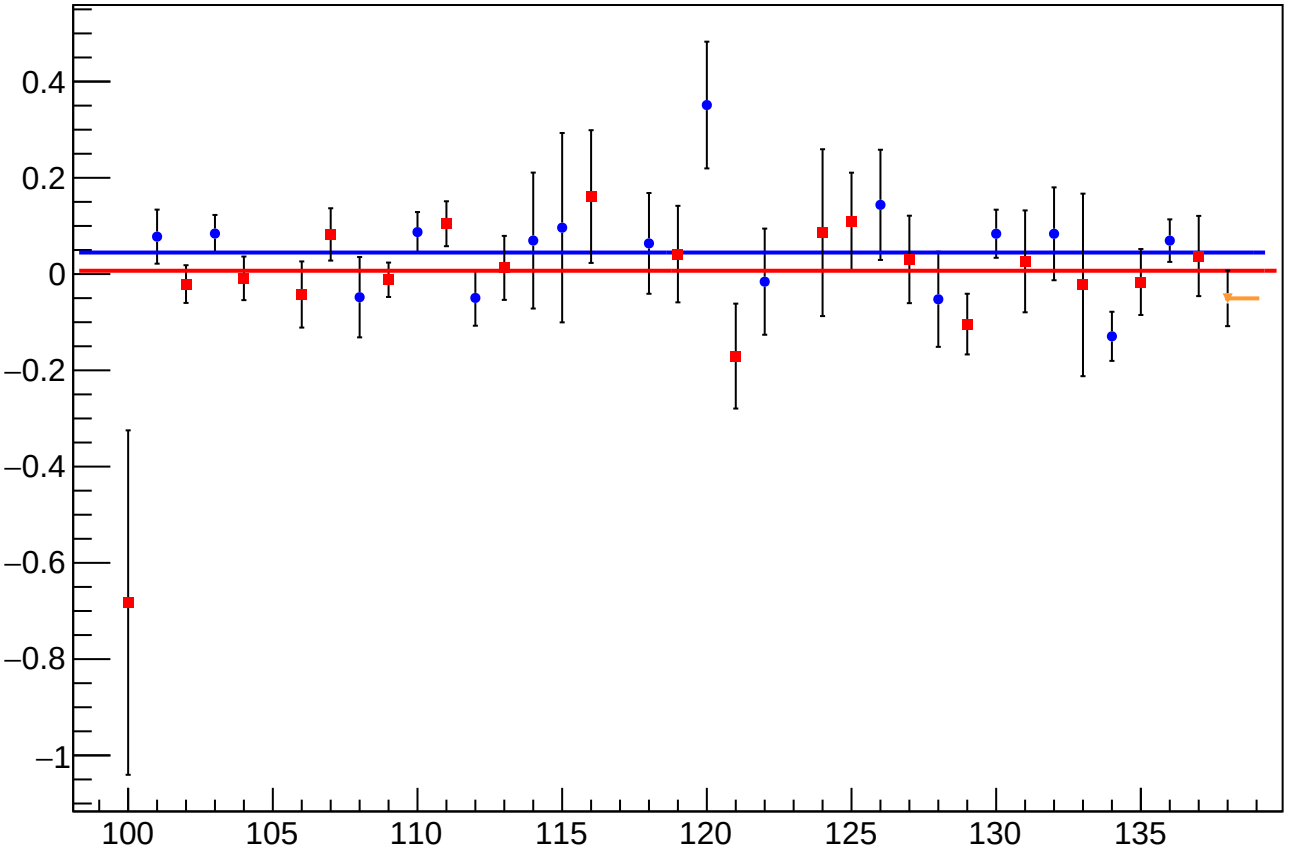
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 982253.6/16

All: 0.001+/-0.000 χ^2/NDF: 2018709.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.045+/-0.016 χ^2/NDF: 26.6/15

Left Out: -0.050+/-0.058 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.015 χ^2/NDF: 20.2/18

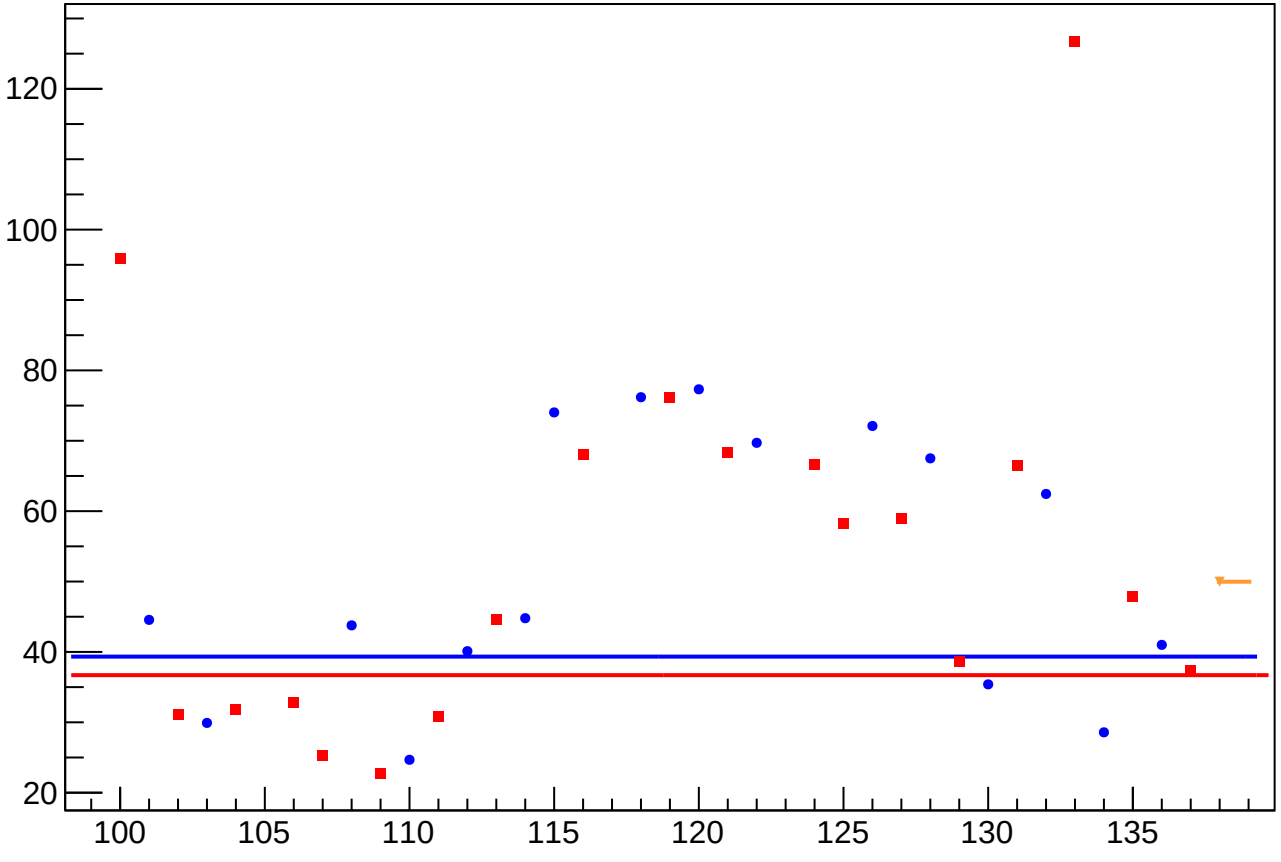
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.038+/-0.015 χ^2/NDF: 29.1/16

All: 0.022+/-0.011 χ^2/NDF: 51.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.334+/-0.011 χ^2/NDF: 1566545.4/15

Left Out: 49.975+/-0.041 χ^2/NDF:0.0/0

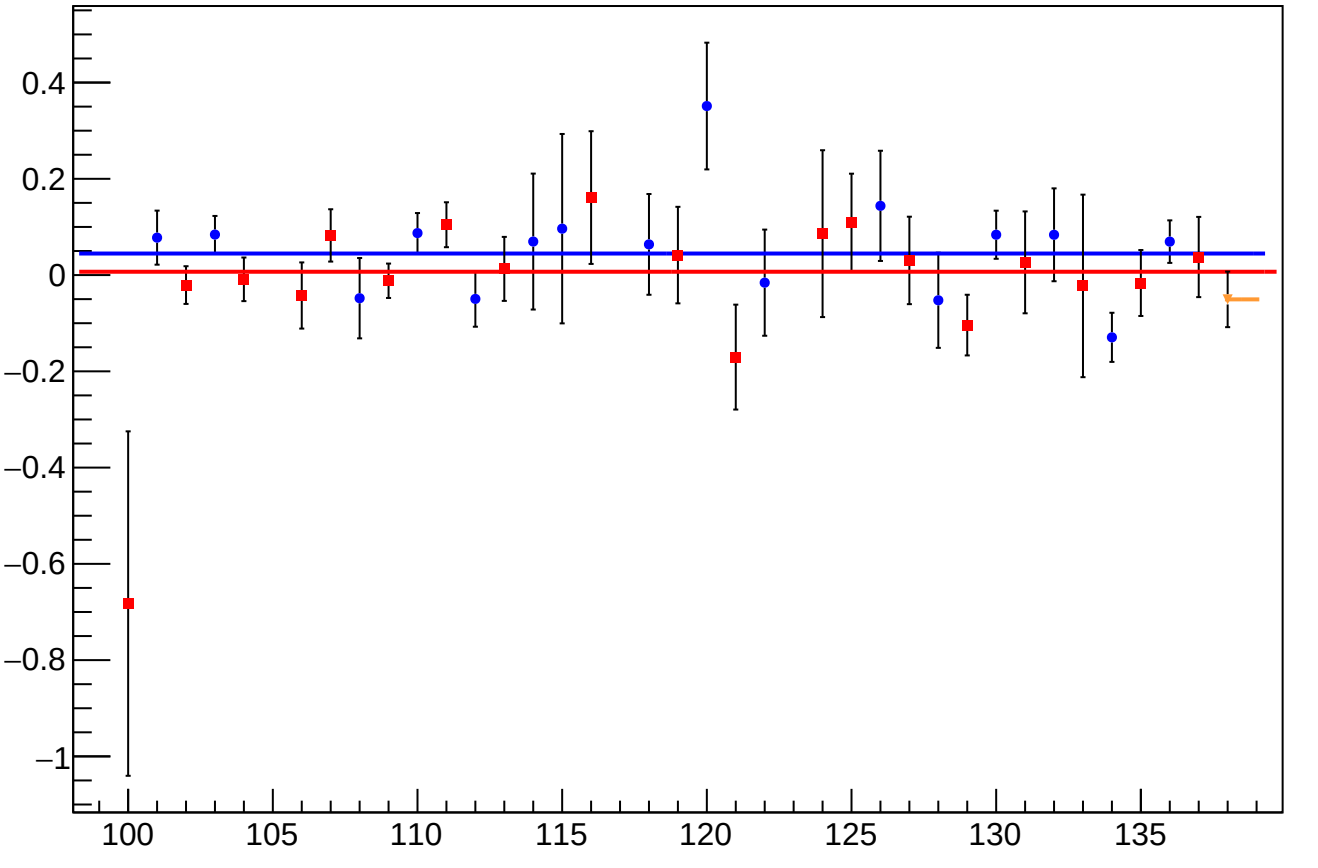
Right Out: 36.699+/-0.011 χ^2/NDF: 2096748.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 40.096+/-0.011 χ^2/NDF: 1629687.0/16

All: 38.361+/-0.008 χ^2/NDF: 3775867.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.045+/-0.016 χ^2/NDF: 26.6/15

Left Out: -0.050+/-0.058 χ^2/NDF:0.0/0

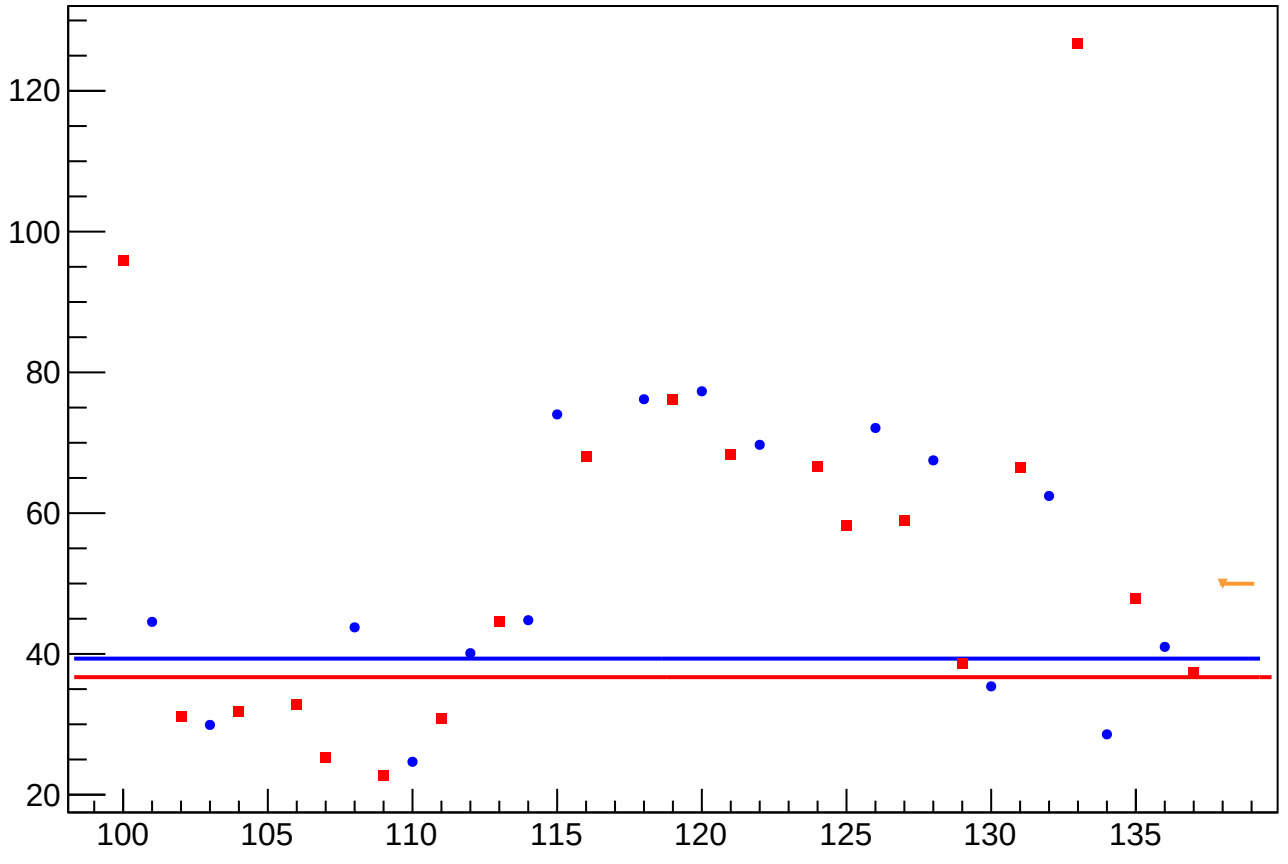
Right Out: 0.007+/-0.015 χ^2/NDF: 20.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.038+/-0.015 χ^2/NDF: 29.1/16

All: 0.022+/-0.011 χ^2/NDF: 51.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 39.334+/-0.011 χ^2/NDF: 1566545.4/15

Left Out: 49.975+/-0.041 χ^2/NDF:0.0/0

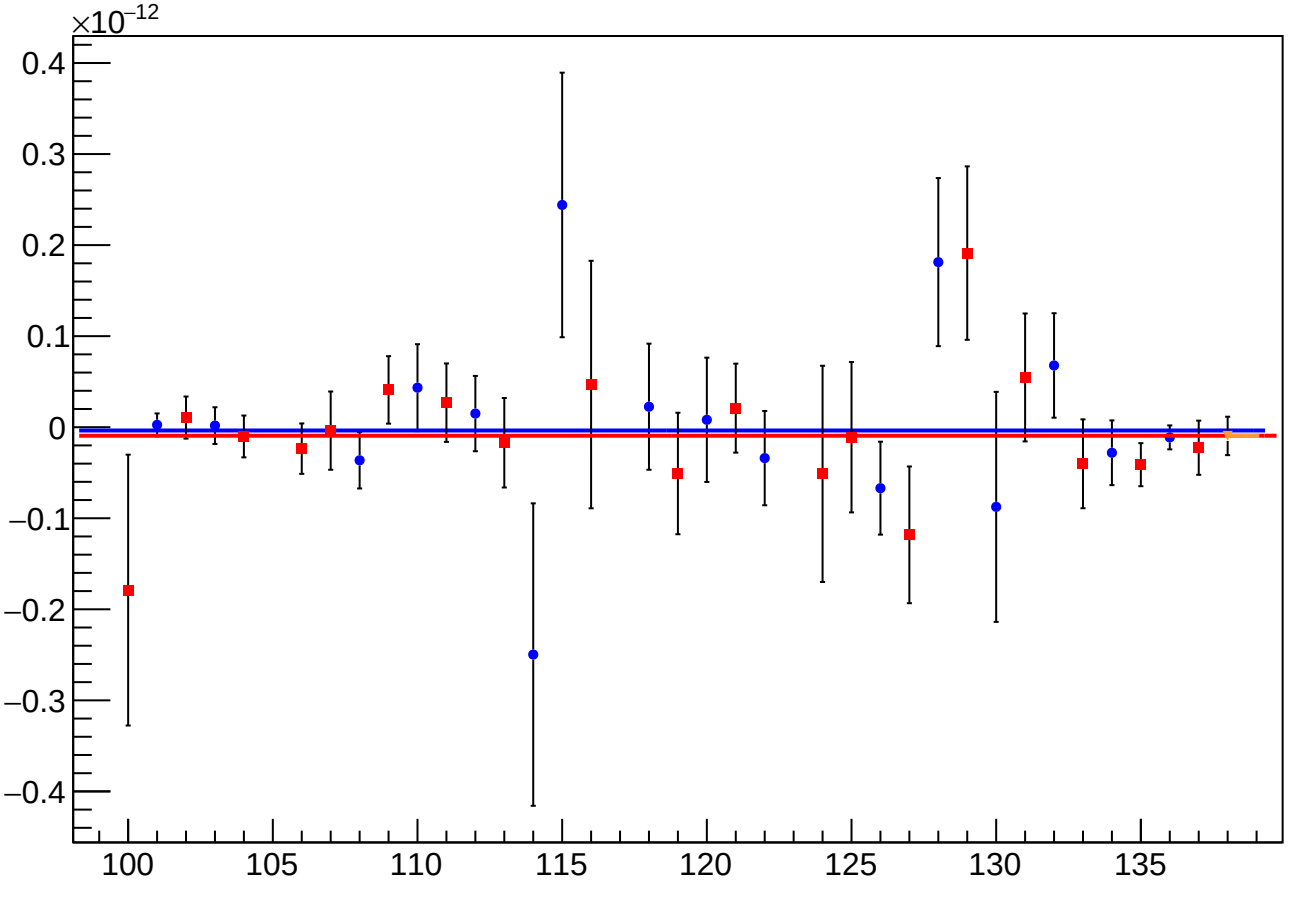
Right Out: 36.699+/-0.011 χ^2/NDF: 2096748.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 40.096+/-0.011 χ^2/NDF: 1629687.0/16

All: 38.361+/-0.008 χ^2/NDF: 3775867.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 15.7/18

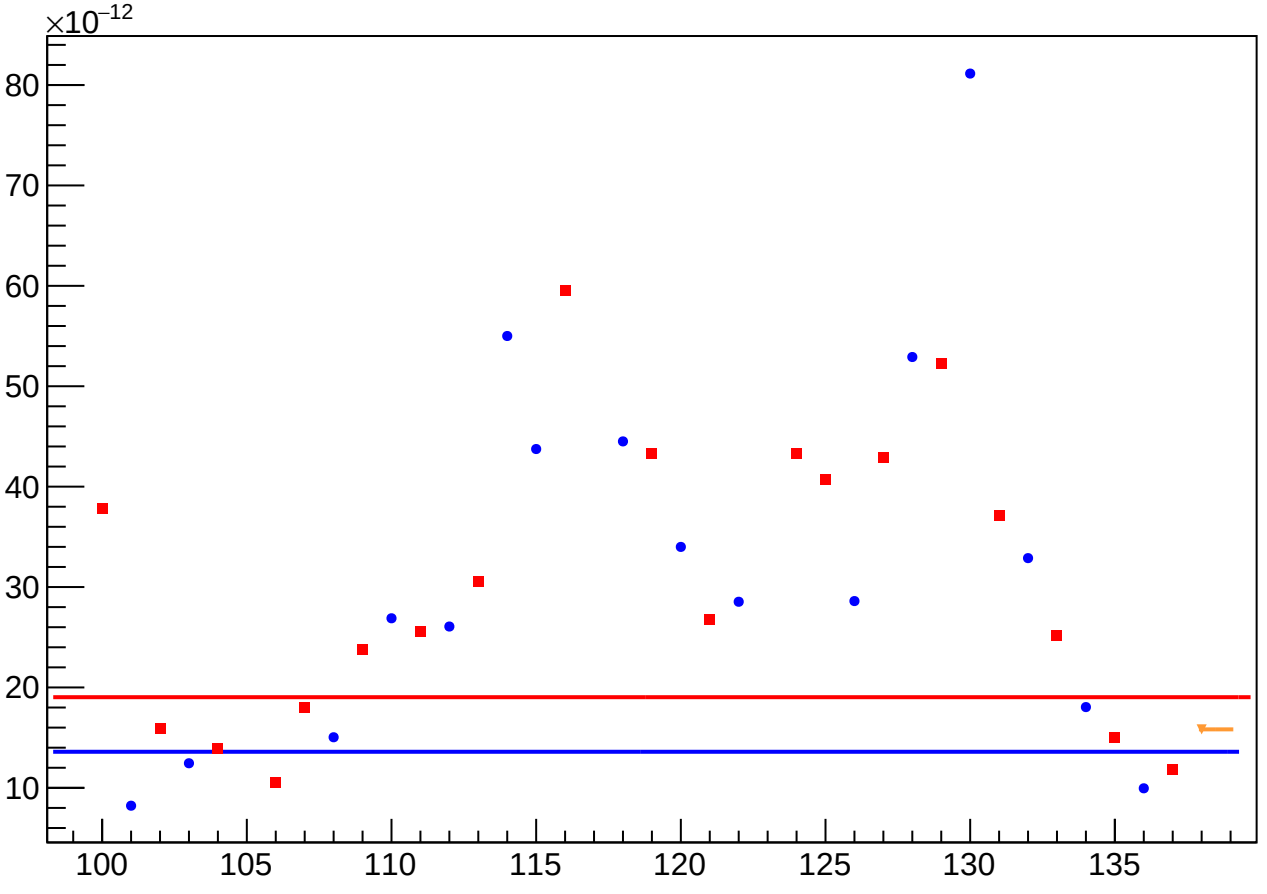
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.6/16

All: -0.000+/-0.000 χ^2/NDF: 32.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3187097.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2049385.6/18

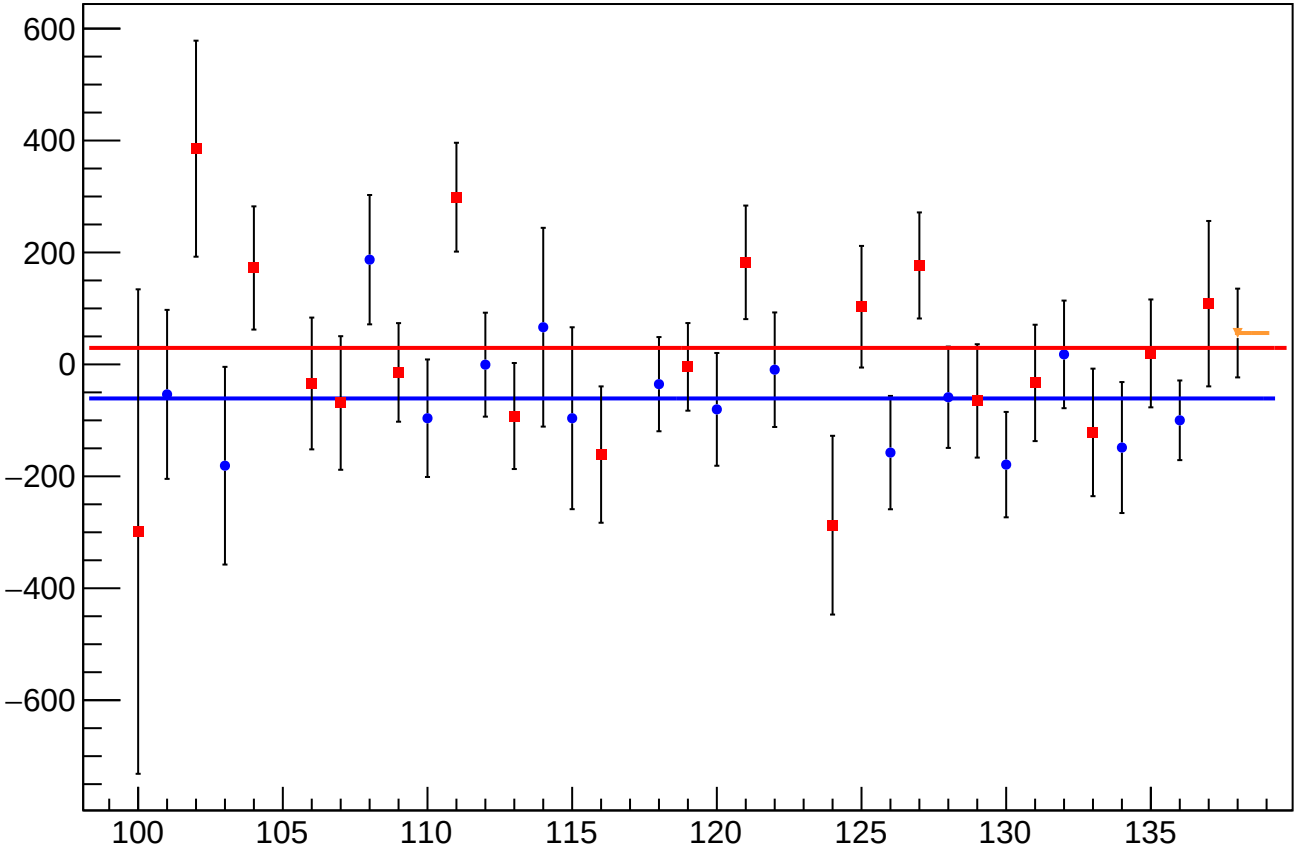
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3207128.1/16

All: 0.000+/-0.000 χ^2/NDF: 5674878.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -60.846+/-26.054 χ^2/NDF: 10.6/15

Left Out: 56.072+/-79.305 χ^2/NDF:0.0/0

Right Out: 29.453+/-25.105 χ^2/NDF: 31.2/18

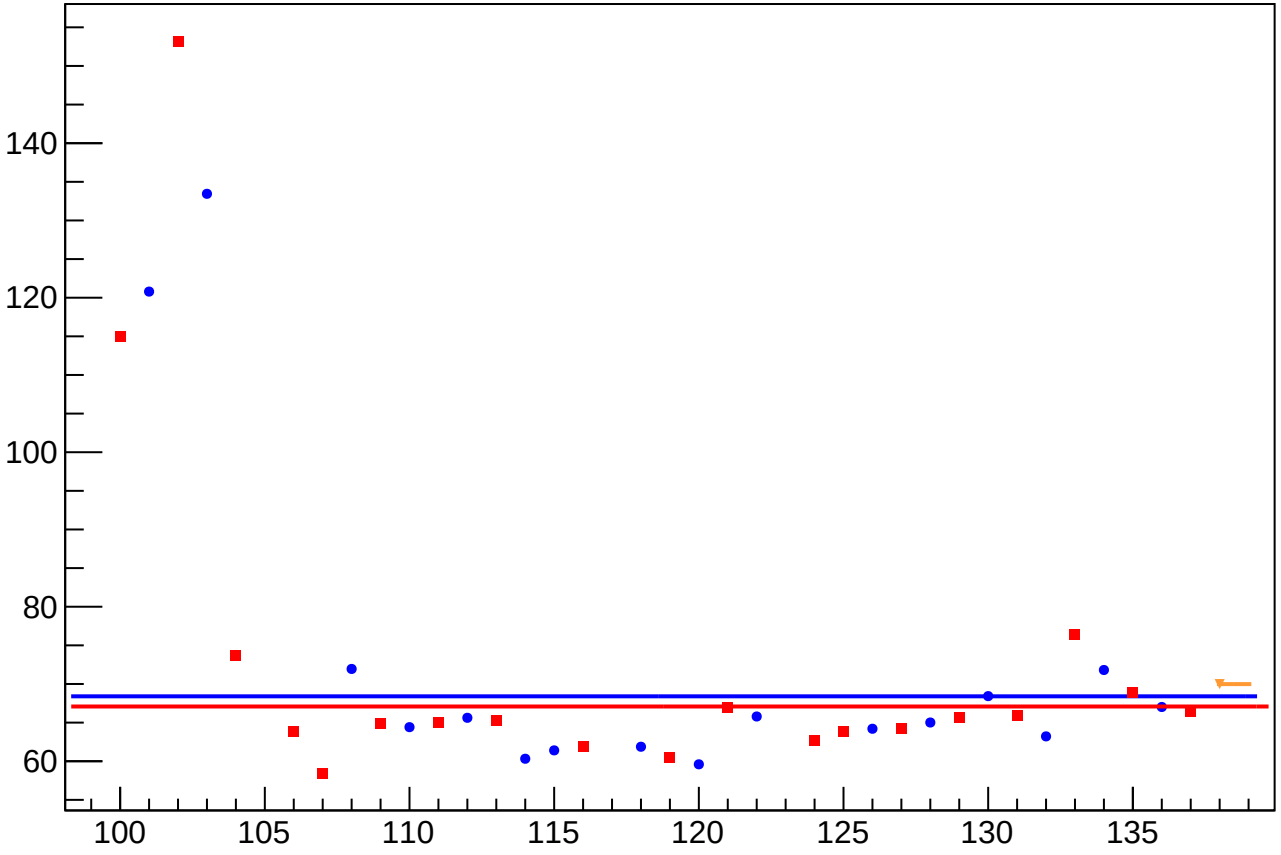
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -49.457+/-24.752 χ^2/NDF: 12.5/16

All: -10.561+/-17.626 χ^2/NDF: 48.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 68.403+/-0.018 χ^2/NDF: 569557.5/15

Left Out: 69.984+/-0.056 χ^2/NDF:0.0/0

Right Out: 67.086+/-0.018 χ^2/NDF: 481815.1/18

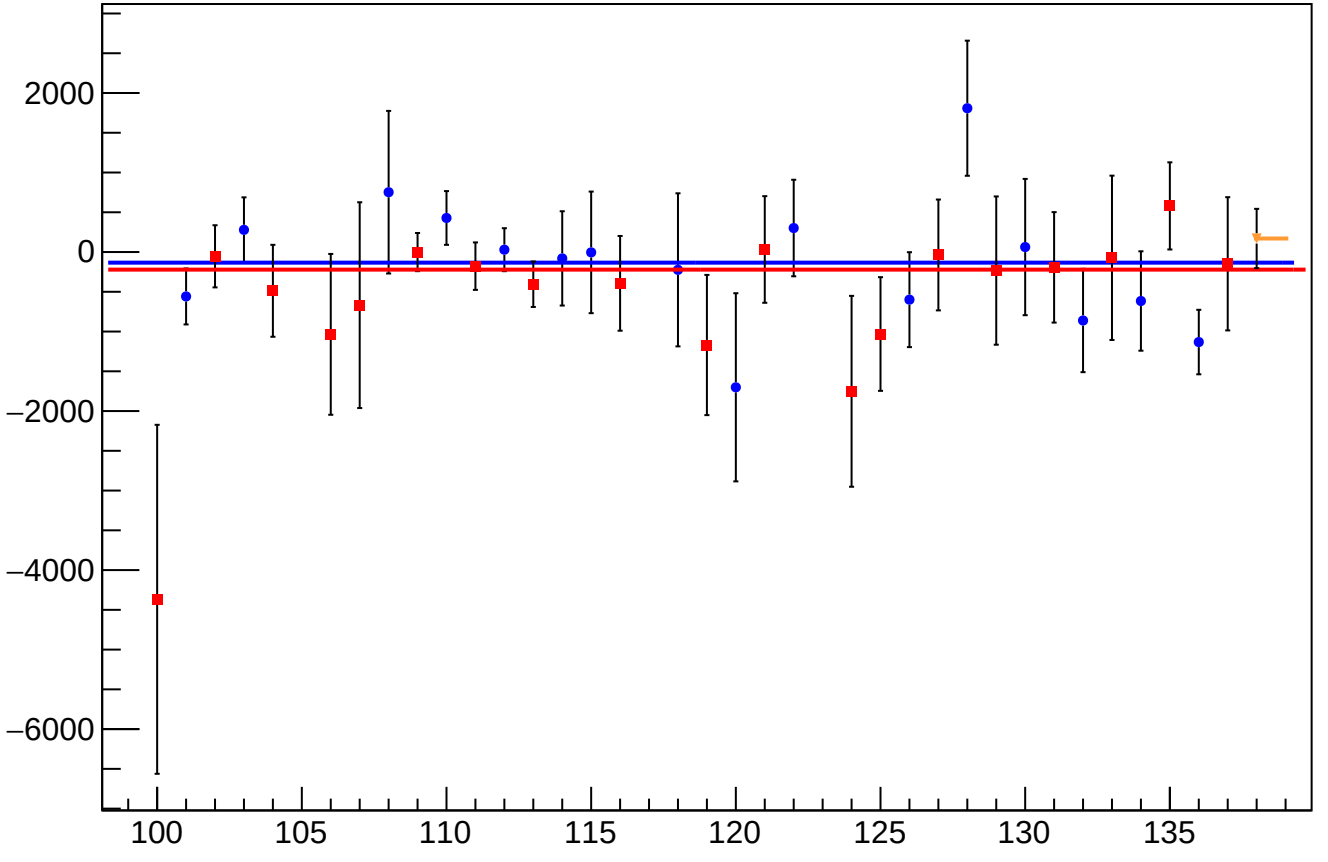
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 68.557+/-0.018 χ^2/NDF: 570274.7/16

All: 67.832+/-0.012 χ^2/NDF: 1055574.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: -133.590+/-125.904 χ^2/NDF: 22.5/15

Left Out: 170.140+/-372.941 χ^2/NDF:0.0/0

Right Out: -221.324+/-117.783 χ^2/NDF: 12.5/18

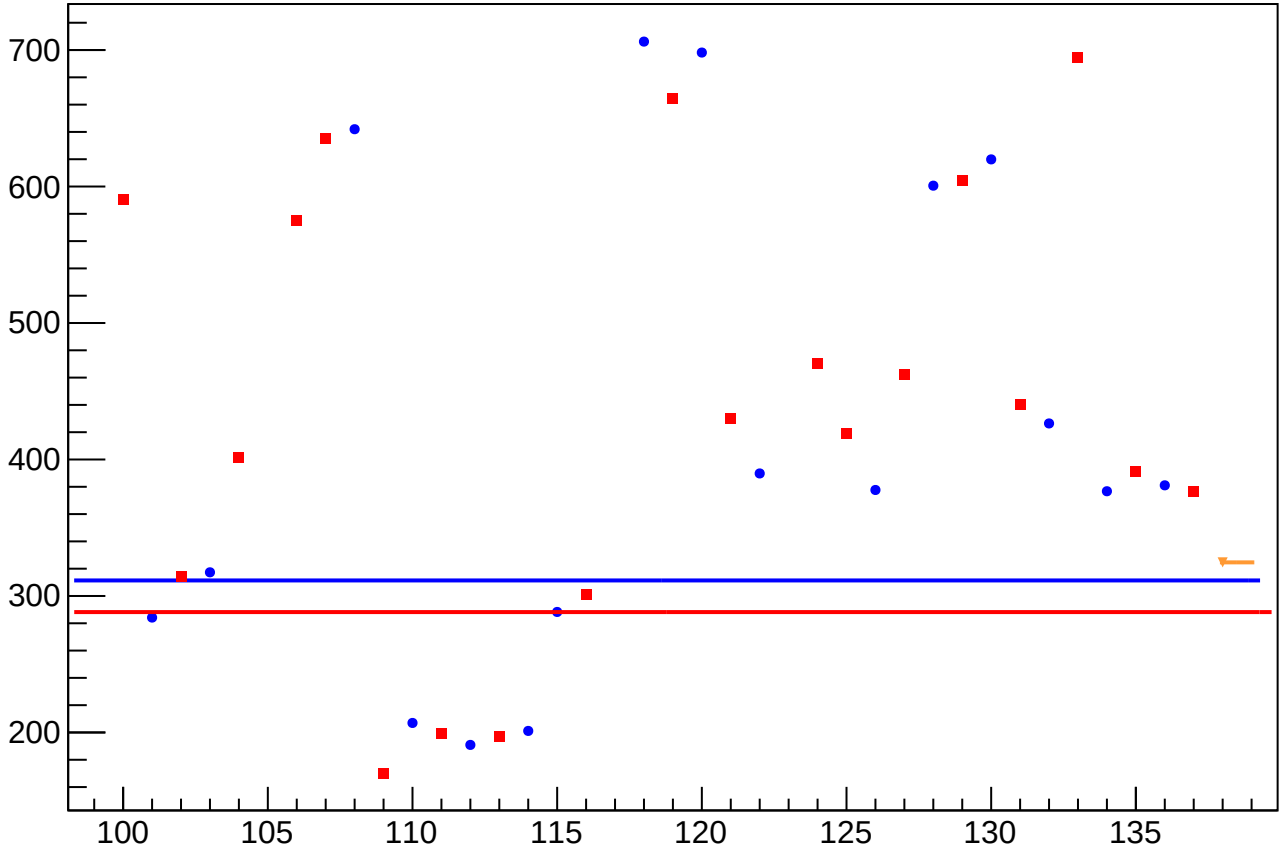
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -102.515+/-119.289 χ^2/NDF: 23.1/16

All: -162.674+/-83.812 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 311.386+/-0.089 χ^2/NDF: 2123797.6/15

Left Out: 324.628+/-0.264 χ^2/NDF:0.0/0

Right Out: 288.205+/-0.083 χ^2/NDF: 2715380.6/18

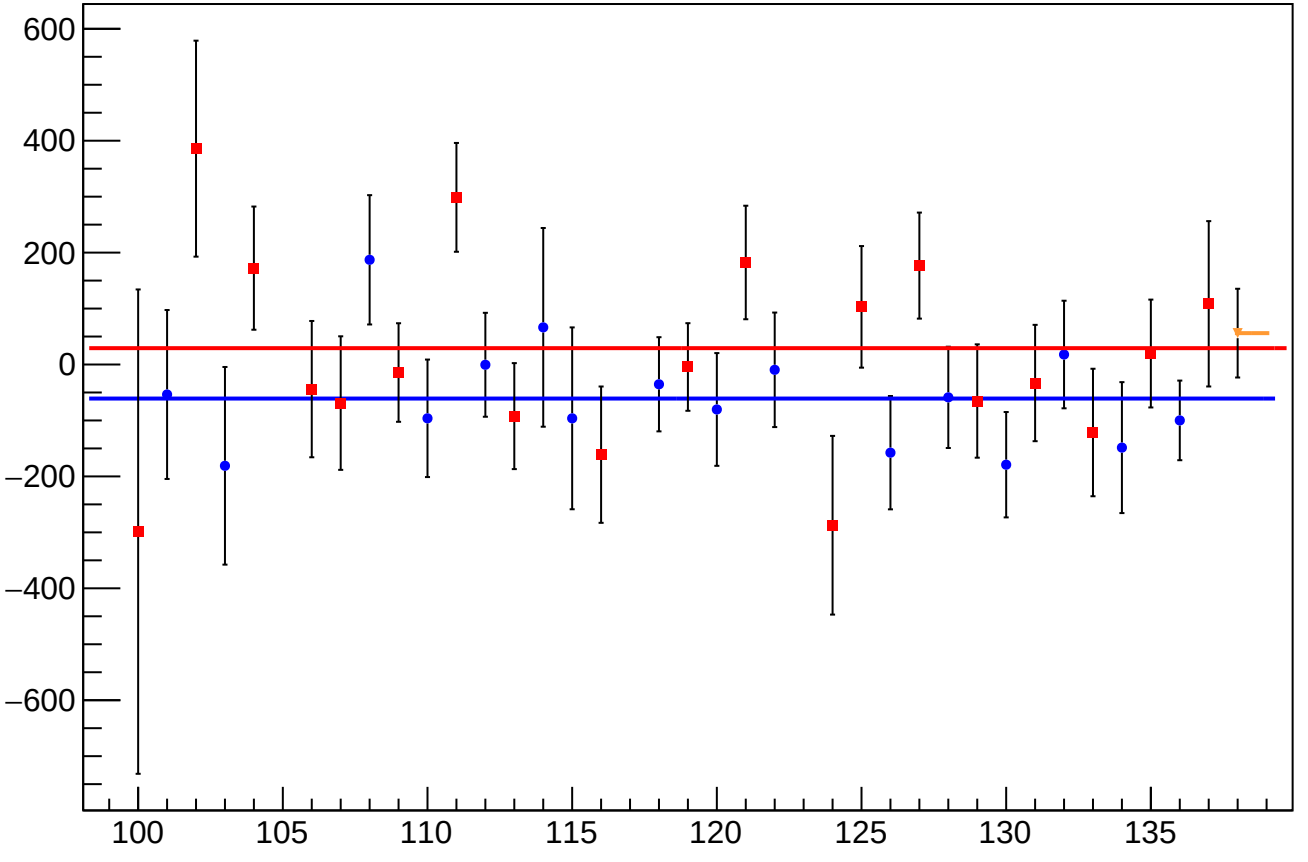
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 312.741+/-0.084 χ^2/NDF: 2126060.9/16

All: 300.317+/-0.059 χ^2/NDF: 4884285.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam7_mean vs Slug



Right In: -60.848+/-26.054 χ^2/NDF: 10.6/15

Left Out: 56.072+/-79.305 χ^2/NDF:0.0/0

Right Out: 29.221+/-25.143 χ^2/NDF: 31.3/18

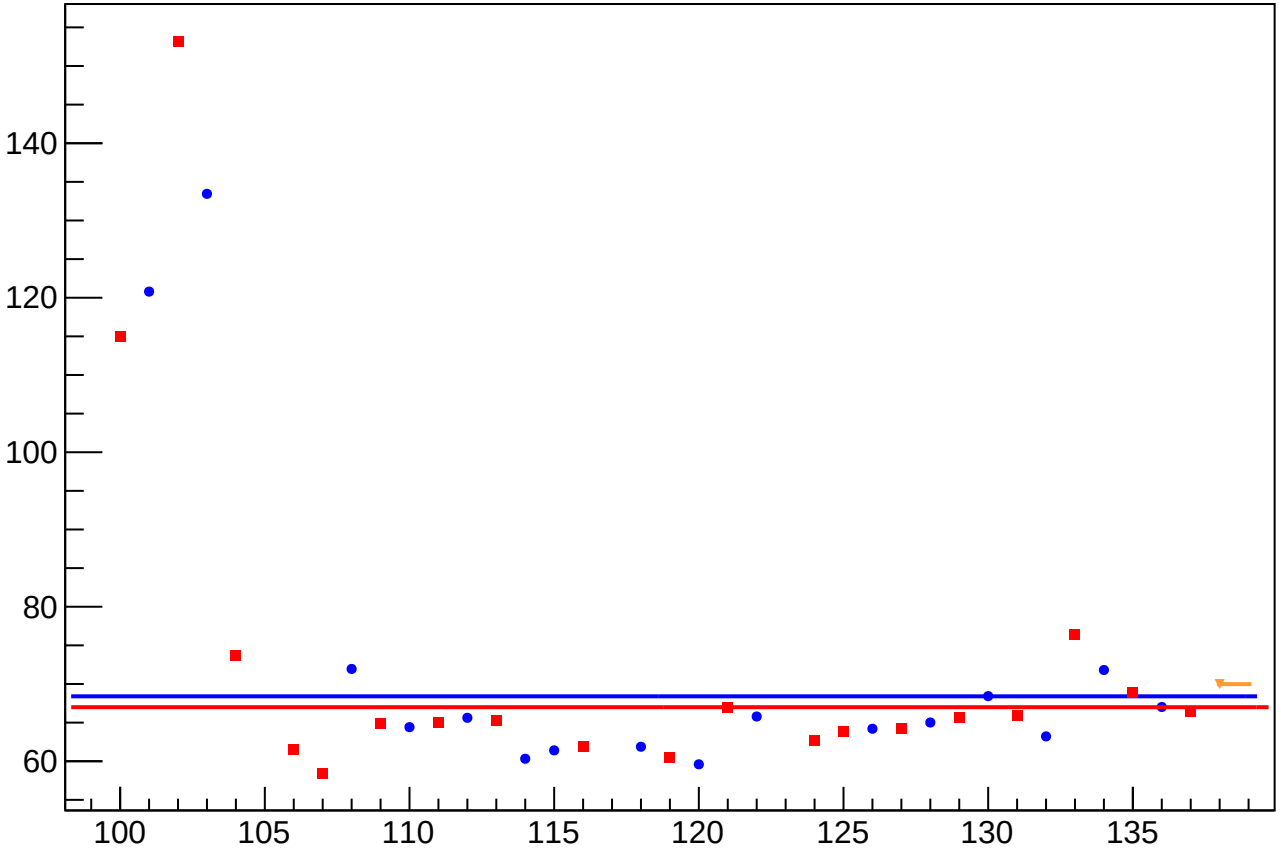
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -49.458+/-24.752 χ^2/NDF: 12.5/16

All: -10.735+/-17.639 χ^2/NDF: 48.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 68.403+/-0.018 χ^2/NDF: 569557.9/15

Left Out: 69.984+/-0.056 χ^2/NDF:0.0/0

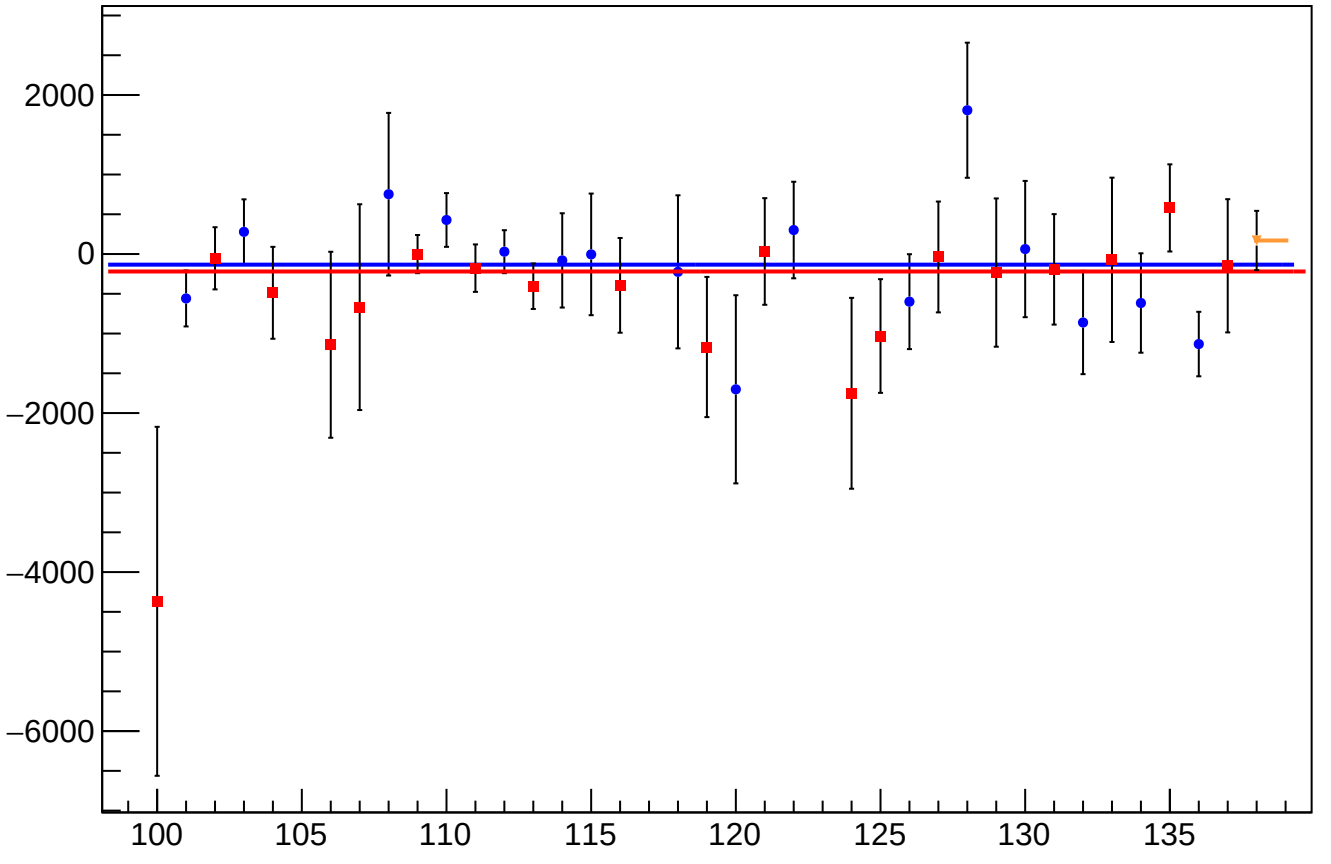
Right Out: 66.995+/-0.018 χ^2/NDF: 484487.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 68.557+/-0.018 χ^2/NDF: 570275.0/16

All: 67.788+/-0.012 χ^2/NDF: 1058685.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -133.587+/-125.904 χ^2/NDF: 22.5/15

Left Out: 170.148+/-372.939 χ^2/NDF:0.0/0

Right Out: -219.615+/-117.989 χ^2/NDF: 12.5/18

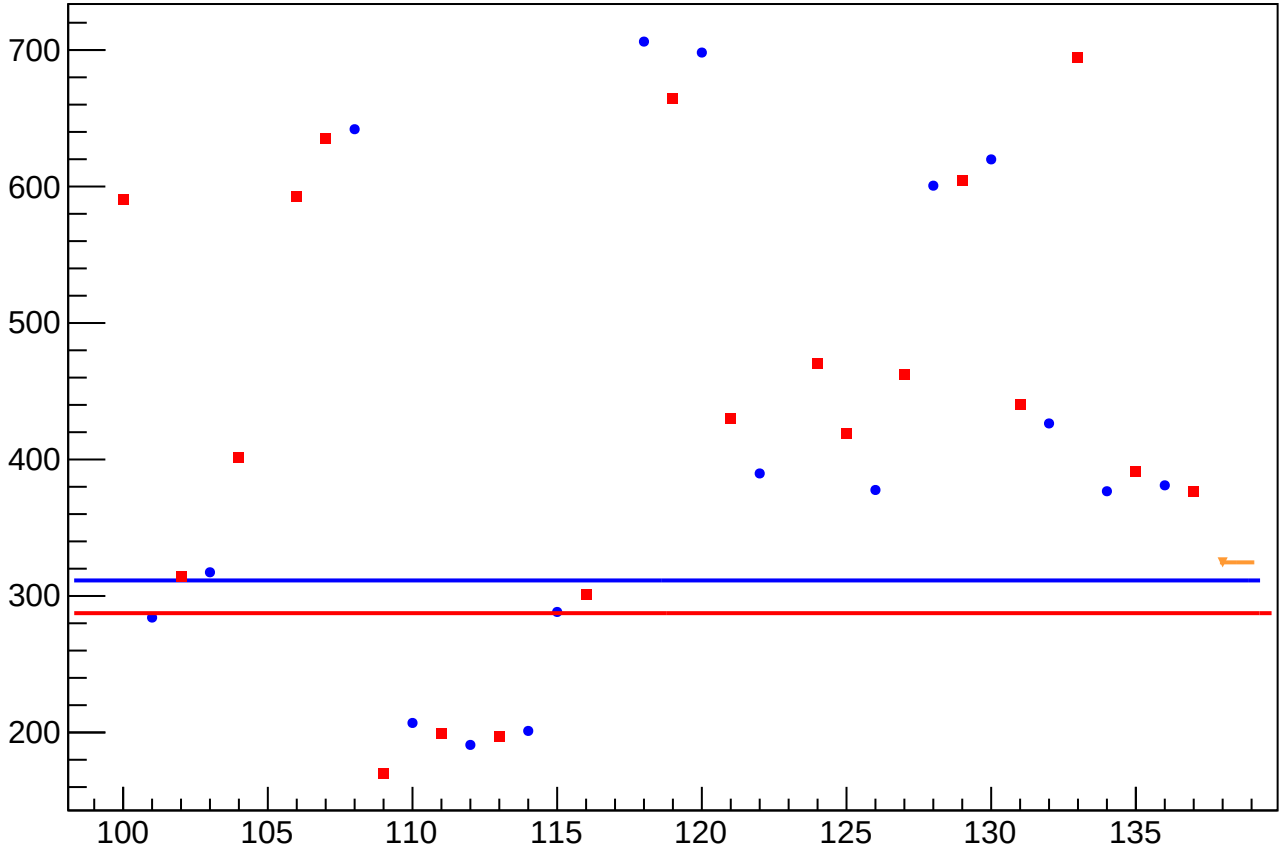
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -102.511+/-119.290 χ^2/NDF: 23.1/16

All: -161.705+/-83.887 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 311.388+/-0.089 χ^2/NDF: 2123799.0/15

Left Out: 324.626+/-0.264 χ^2/NDF:0.0/0

Right Out: 287.413+/-0.083 χ^2/NDF: 2690258.0/18

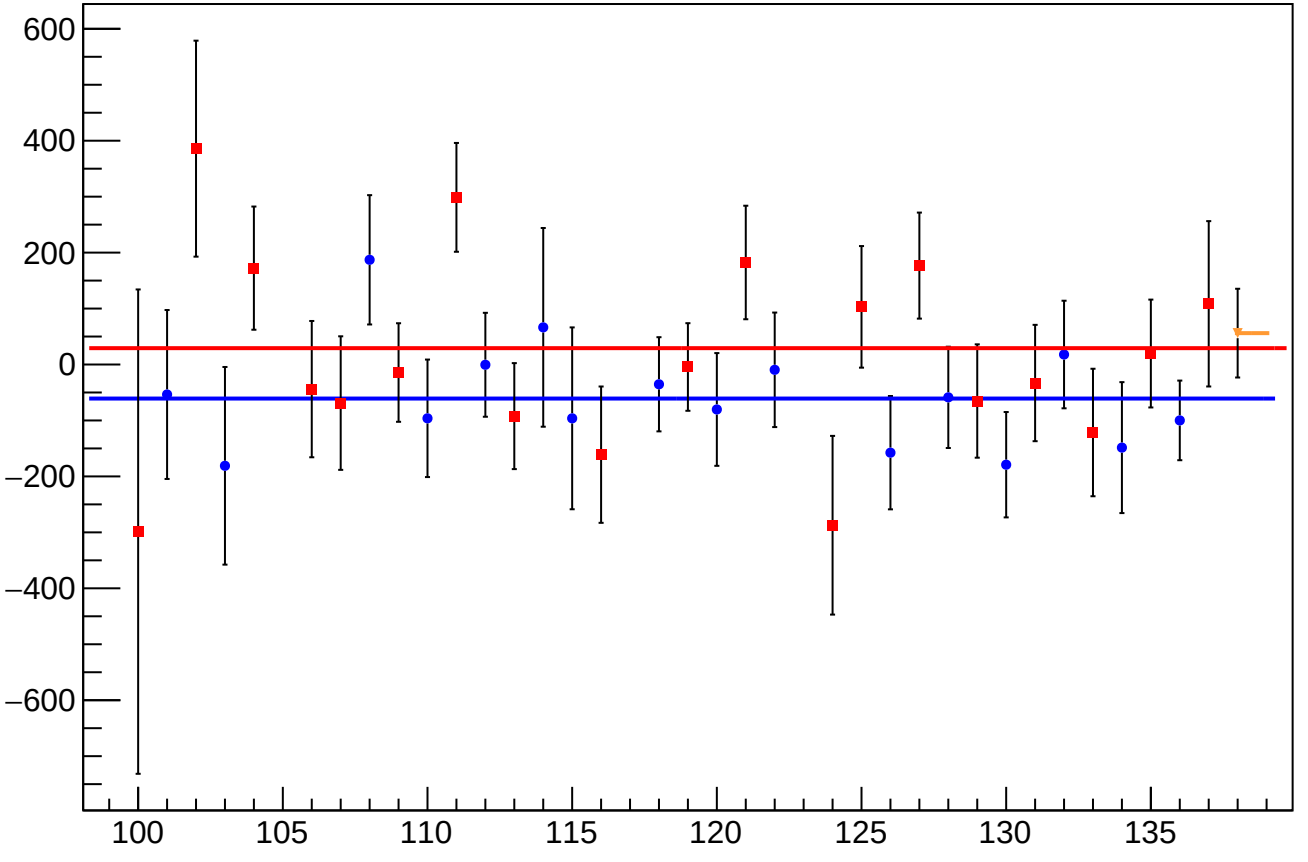
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 312.743+/-0.084 χ^2/NDF: 2126061.2/16

All: 299.939+/-0.059 χ^2/NDF: 4861899.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: -60.848+/-26.054 χ^2/NDF: 10.6/15

Left Out: 56.072+/-79.305 χ^2/NDF:0.0/0

Right Out: 29.221+/-25.143 χ^2/NDF: 31.3/18

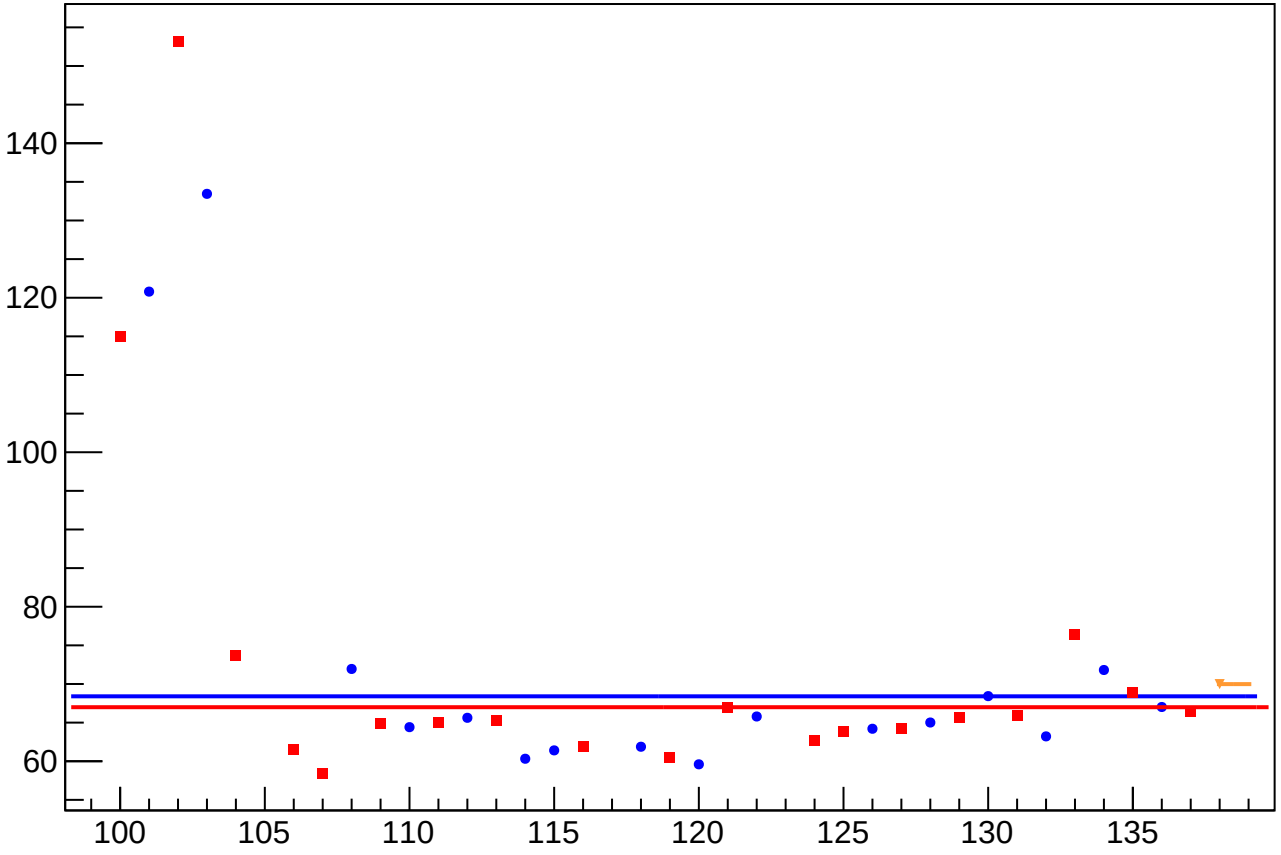
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -49.458+/-24.752 χ^2/NDF: 12.5/16

All: -10.735+/-17.639 χ^2/NDF: 48.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 68.403+/-0.018 χ^2/NDF: 569557.9/15

Left Out: 69.984+/-0.056 χ^2/NDF:0.0/0

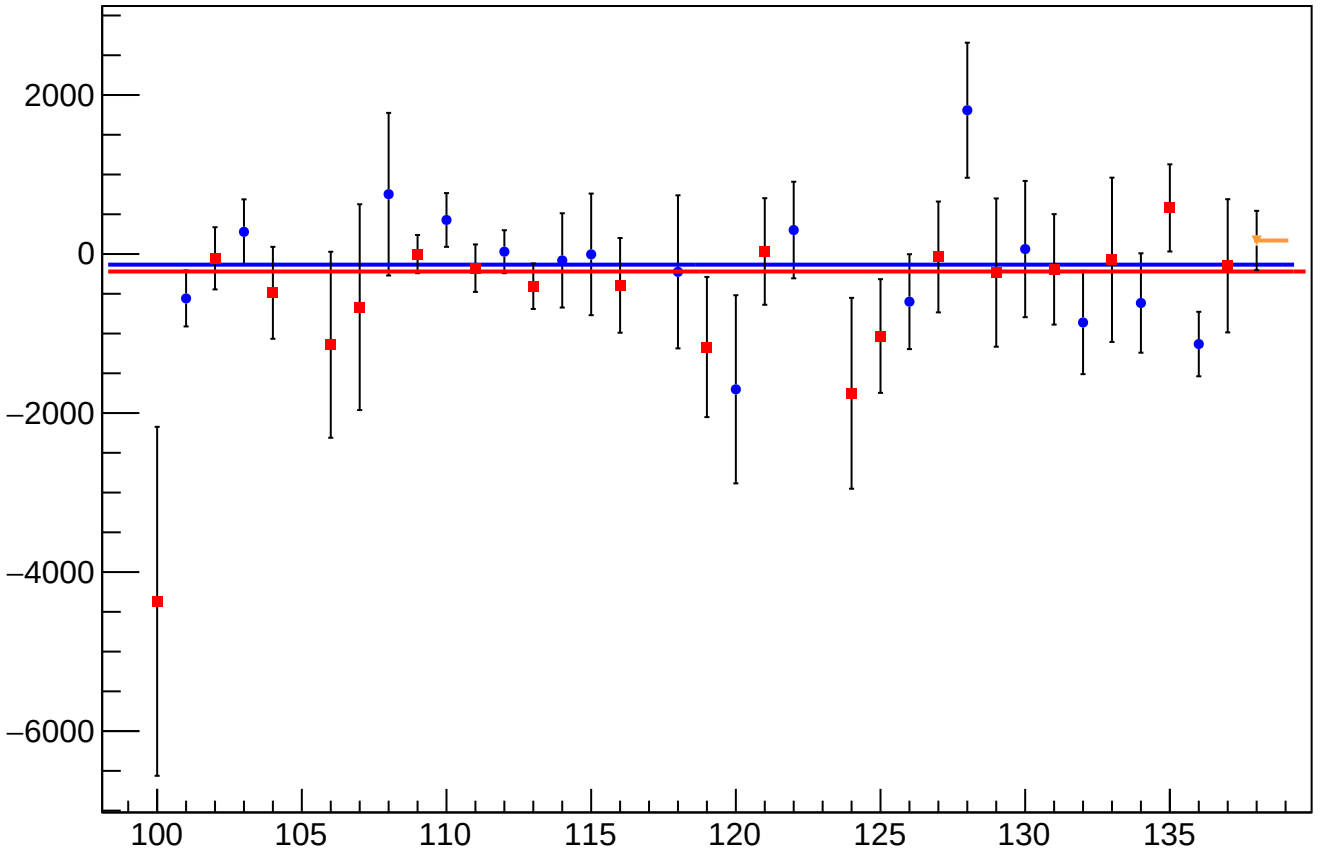
Right Out: 66.995+/-0.018 χ^2/NDF: 484487.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 68.557+/-0.018 χ^2/NDF: 570275.0/16

All: 67.788+/-0.012 χ^2/NDF: 1058685.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -133.587+/-125.904 χ^2/NDF: 22.5/15

Left Out: 170.148+/-372.939 χ^2/NDF:0.0/0

Right Out: -219.615+/-117.989 χ^2/NDF: 12.5/18

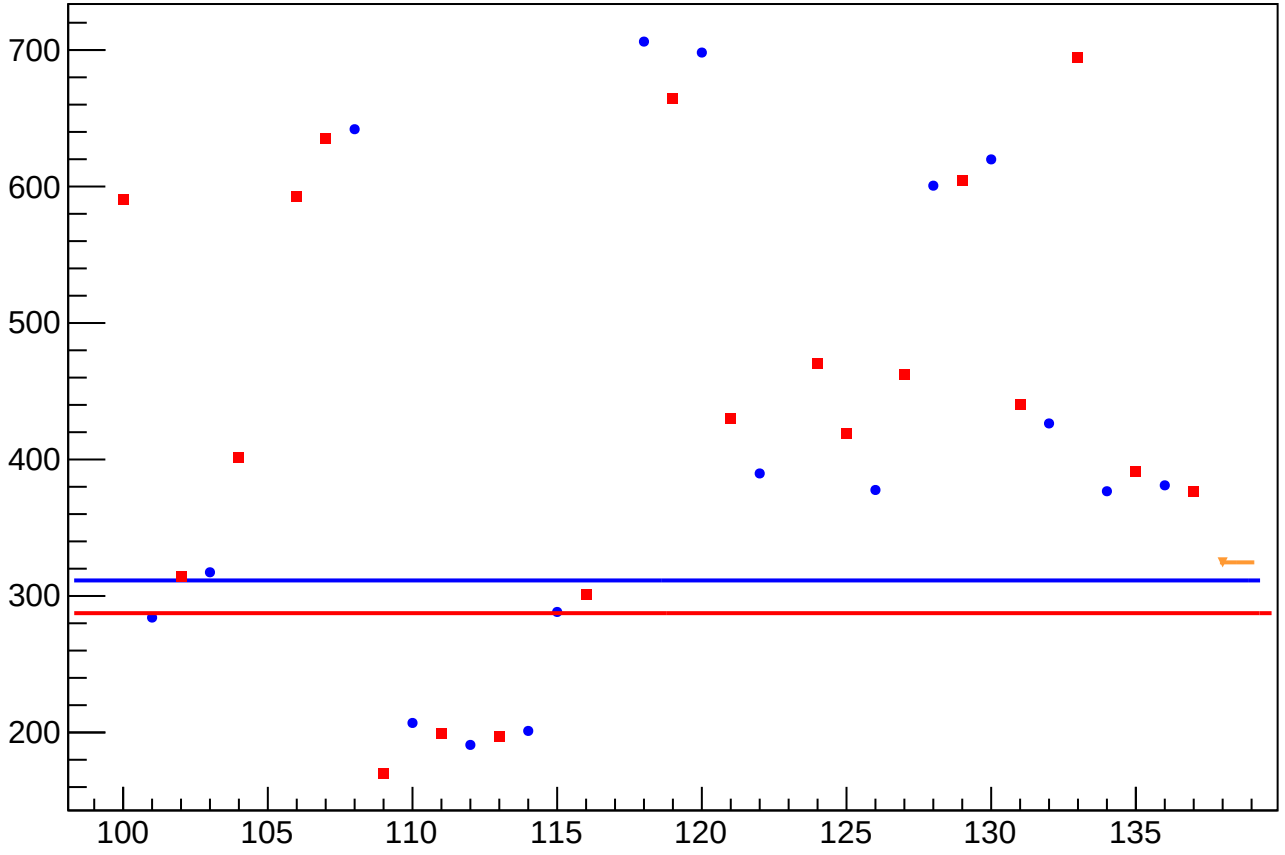
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -102.511+/-119.290 χ^2/NDF: 23.1/16

All: -161.705+/-83.887 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 311.388+/-0.089 χ^2/NDF: 2123799.0/15

Left Out: 324.626+/-0.264 χ^2/NDF:0.0/0

Right Out: 287.413+/-0.083 χ^2/NDF: 2690258.0/18

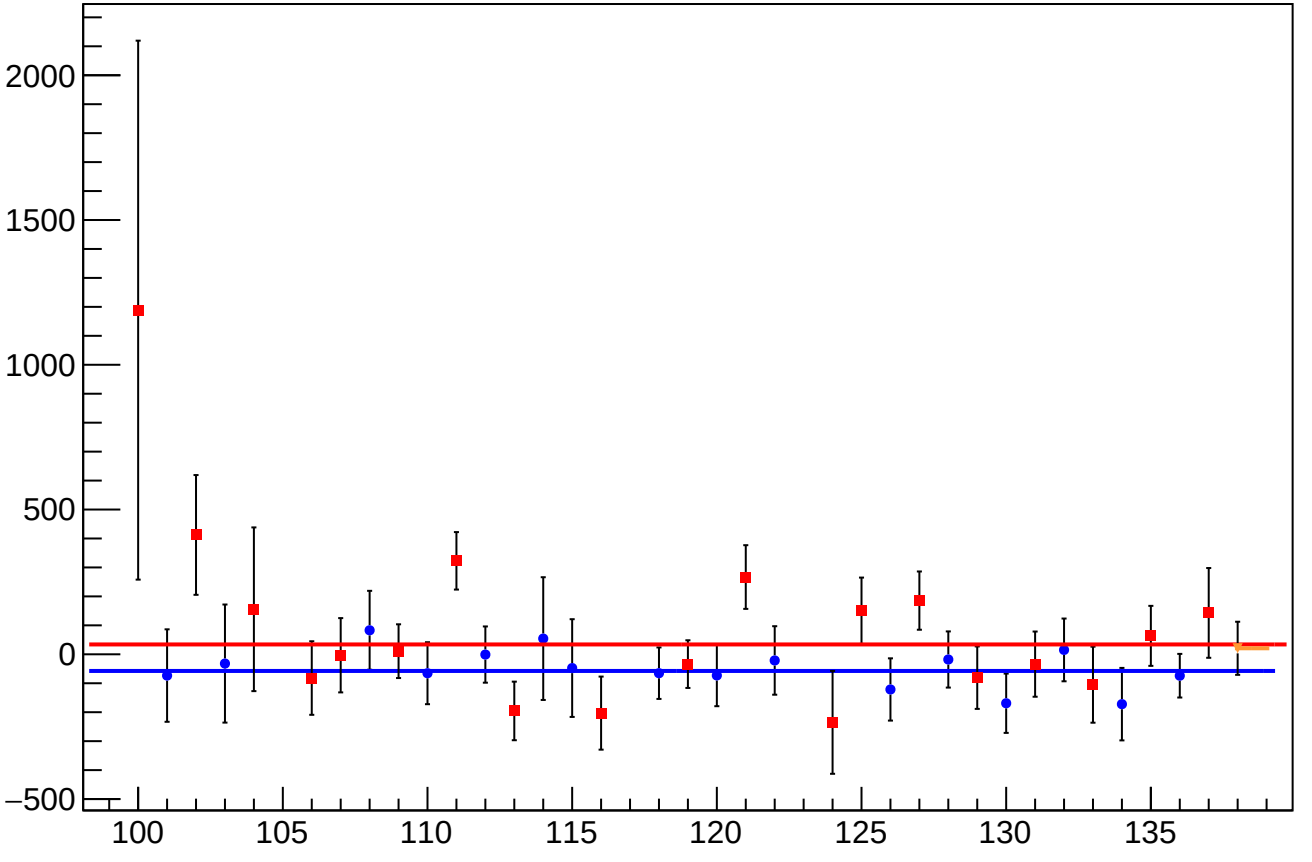
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 312.743+/-0.084 χ^2/NDF: 2126061.2/16

All: 299.939+/-0.059 χ^2/NDF: 4861899.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam7_mean vs Slug



Right In: -57.533+/-28.087 χ^2/NDF: 4.9/15

Left Out: 20.756+/-91.713 χ^2/NDF:0.0/0

Right Out: 34.033+/-27.398 χ^2/NDF: 37.1/18

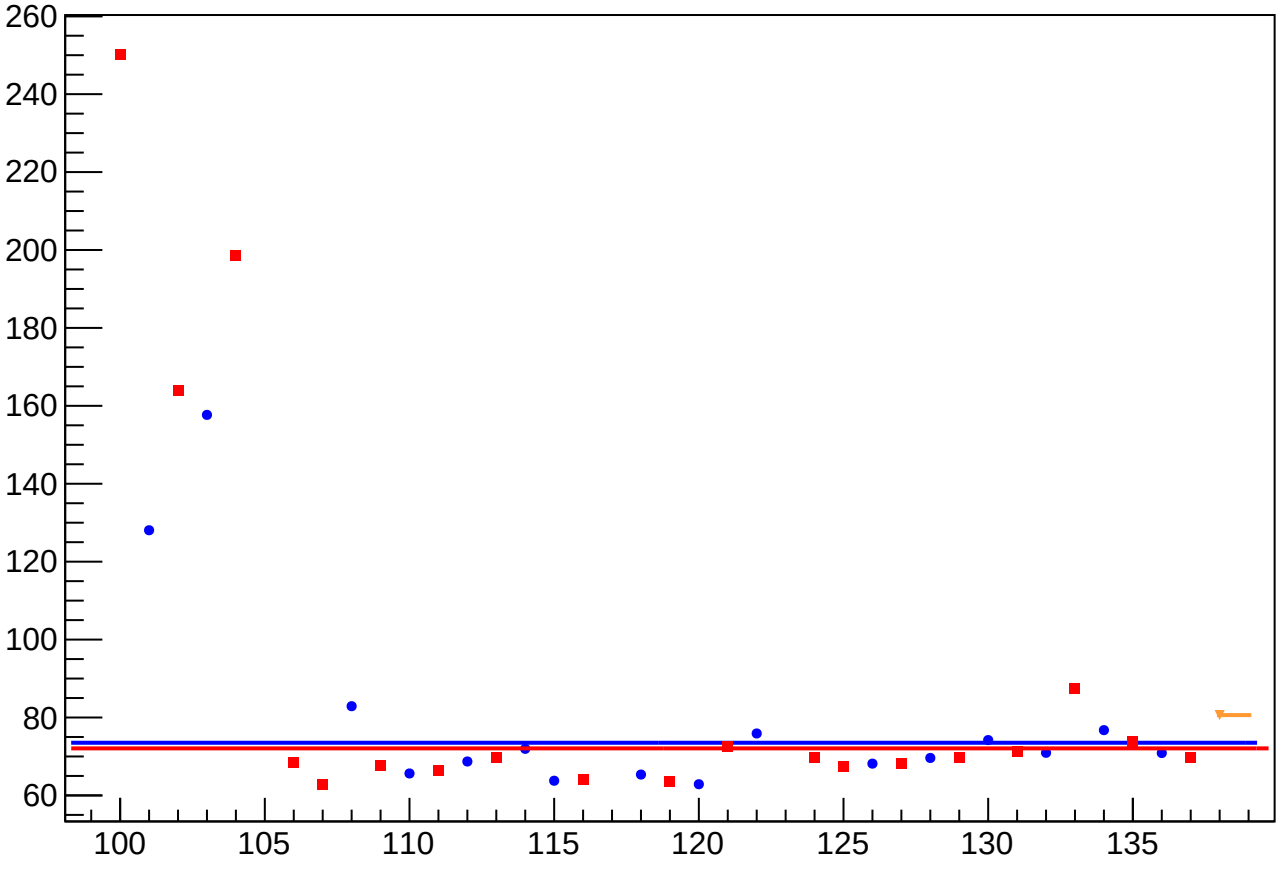
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -50.820+/-26.856 χ^2/NDF: 5.5/16

All: -9.242+/-19.179 χ^2/NDF: 47.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 73.519+/-0.020 χ^2/NDF: 656847.5/15

Left Out: 80.624+/-0.065 χ^2/NDF:0.0/0

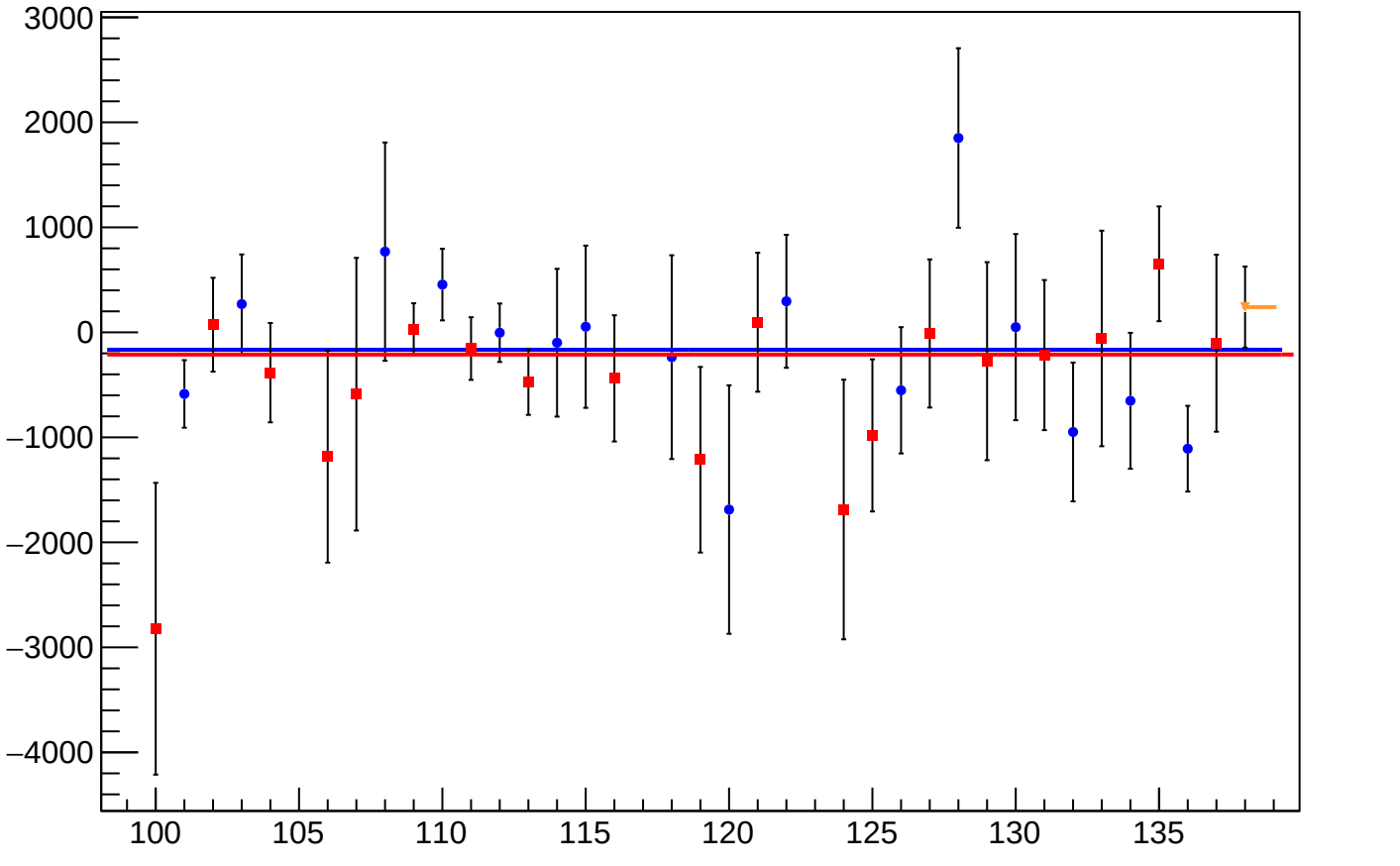
Right Out: 72.074+/-0.019 χ^2/NDF: 958495.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 74.128+/-0.019 χ^2/NDF: 667821.8/16

All: 73.122+/-0.014 χ^2/NDF: 1632051.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -165.500+/-128.438 χ^2/NDF: 22.6/15

Left Out: 240.496+/-385.938 χ^2/NDF:0.0/0

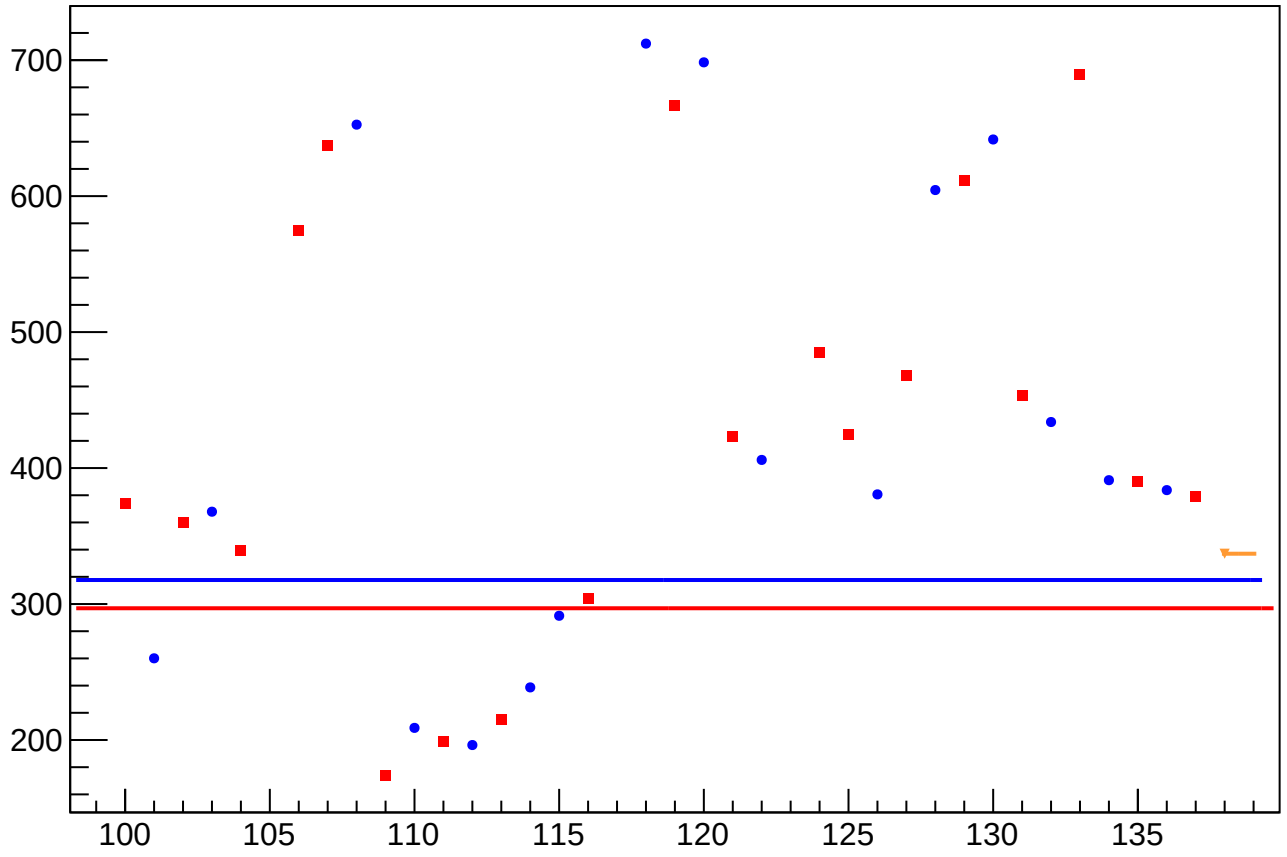
Right Out: -211.347+/-120.122 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -125.019+/-121.866 χ^2/NDF: 23.6/16

All: -168.805+/-85.549 χ^2/NDF: 37.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 317.664+/-0.091 χ^2/NDF: 2136192.8/15

Left Out: 337.003+/-0.273 χ^2/NDF:0.0/0

Right Out: 296.888+/-0.085 χ^2/NDF: 2541040.3/18

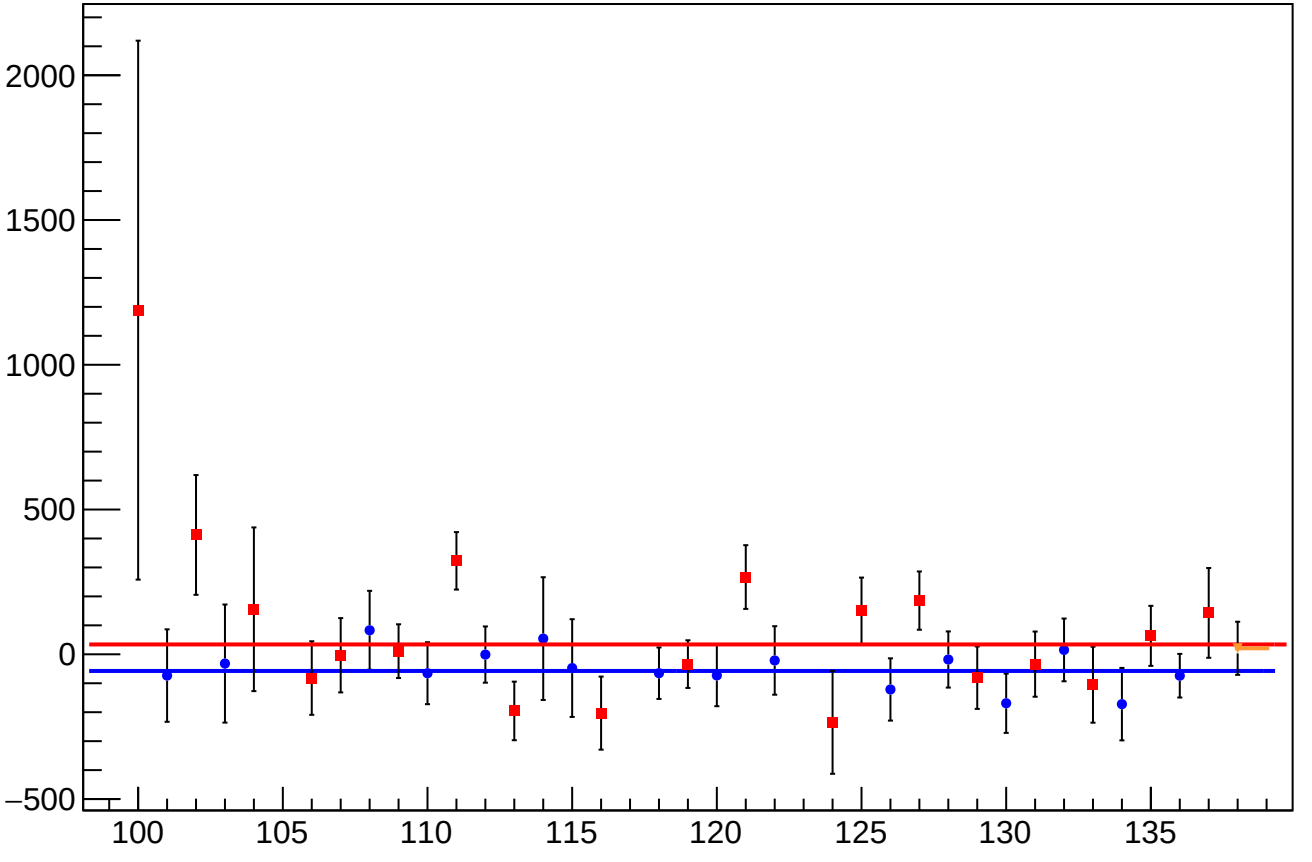
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 319.592+/-0.086 χ^2/NDF: 2140714.1/16

All: 308.076+/-0.060 χ^2/NDF: 4716963.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -57.532+/-28.087 χ^2/NDF: 4.9/15

Left Out: 20.752+/-91.713 χ^2/NDF:0.0/0

Right Out: 34.034+/-27.398 χ^2/NDF: 37.1/18

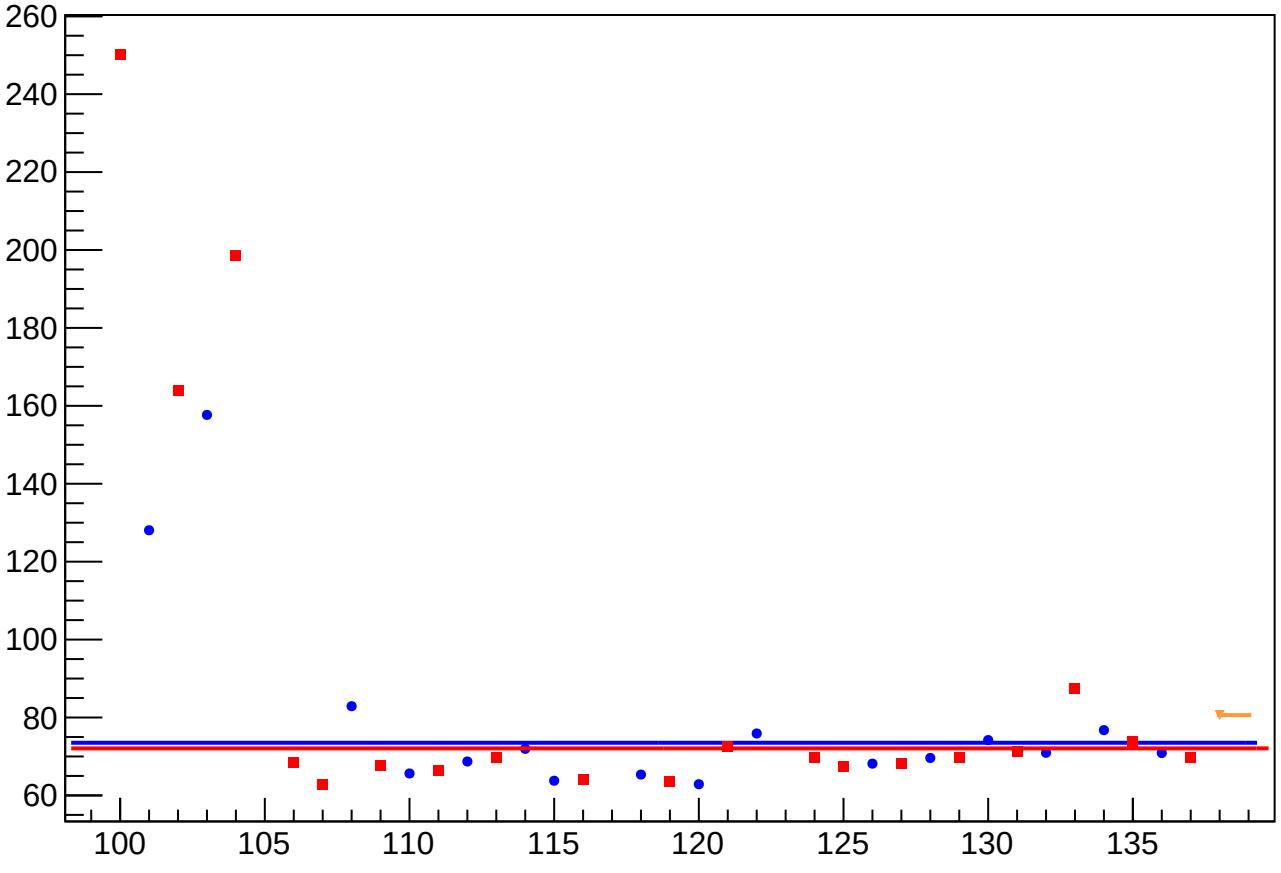
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -50.820+/-26.856 χ^2/NDF: 5.5/16

All: -9.241+/-19.179 χ^2/NDF: 47.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 73.519+/-0.020 χ^2/NDF: 656849.2/15

Left Out: 80.624+/-0.065 χ^2/NDF:0.0/0

Right Out: 72.074+/-0.019 χ^2/NDF: 958496.3/18

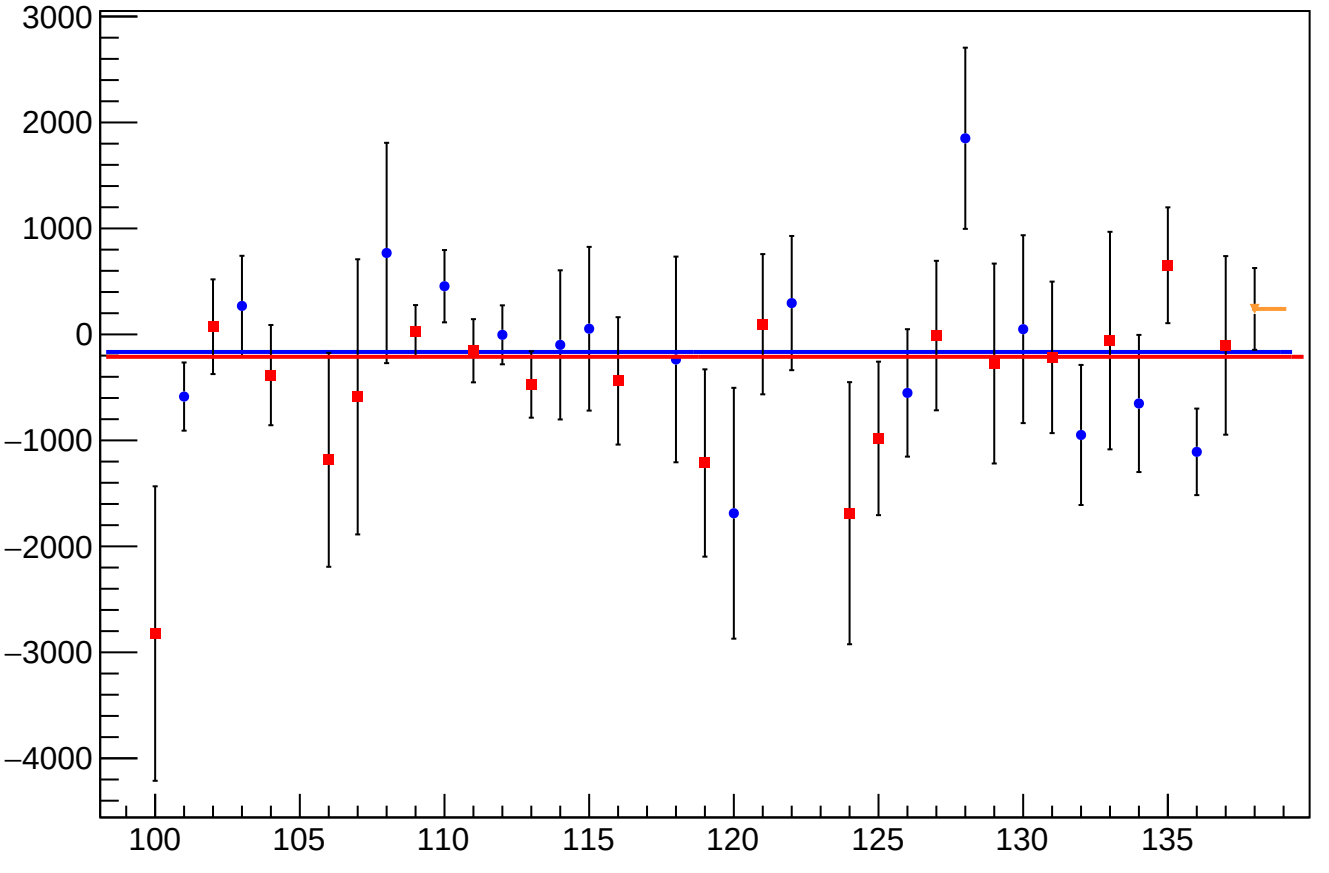
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 74.128+/-0.019 χ^2/NDF: 667823.7/16

All: 73.122+/-0.014 χ^2/NDF: 1632054.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -165.498+/-128.437 χ^2/NDF: 22.6/15

Left Out: 240.493+/-385.937 χ^2/NDF:0.0/0

Right Out: -211.347+/-120.121 χ^2/NDF: 13.6/18

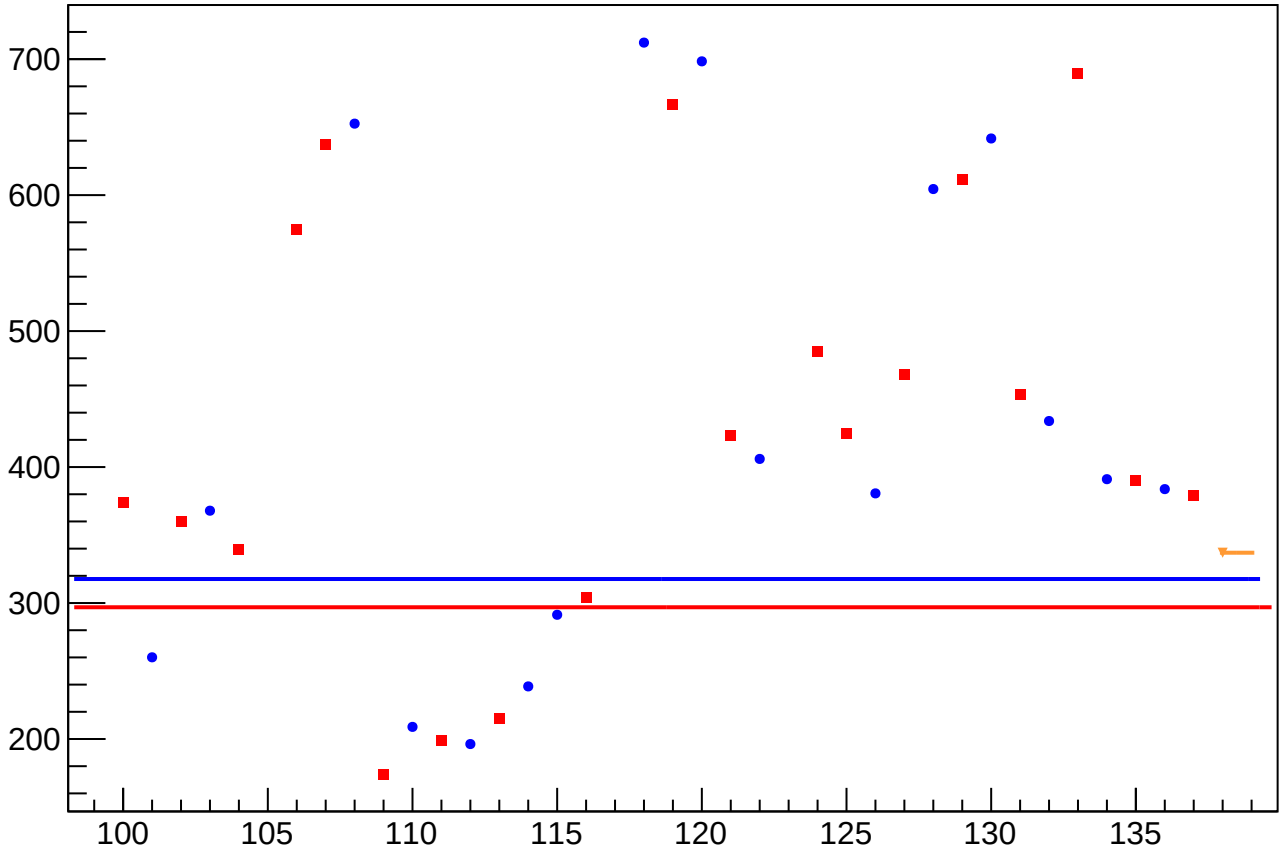
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -125.018+/-121.866 χ^2/NDF: 23.6/16

All: -168.804+/-85.549 χ^2/NDF: 37.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 317.661+/-0.091 χ^2/NDF: 2136224.4/15

Left Out: 337.003+/-0.273 χ^2/NDF:0.0/0

Right Out: 296.887+/-0.085 χ^2/NDF: 2541051.2/18

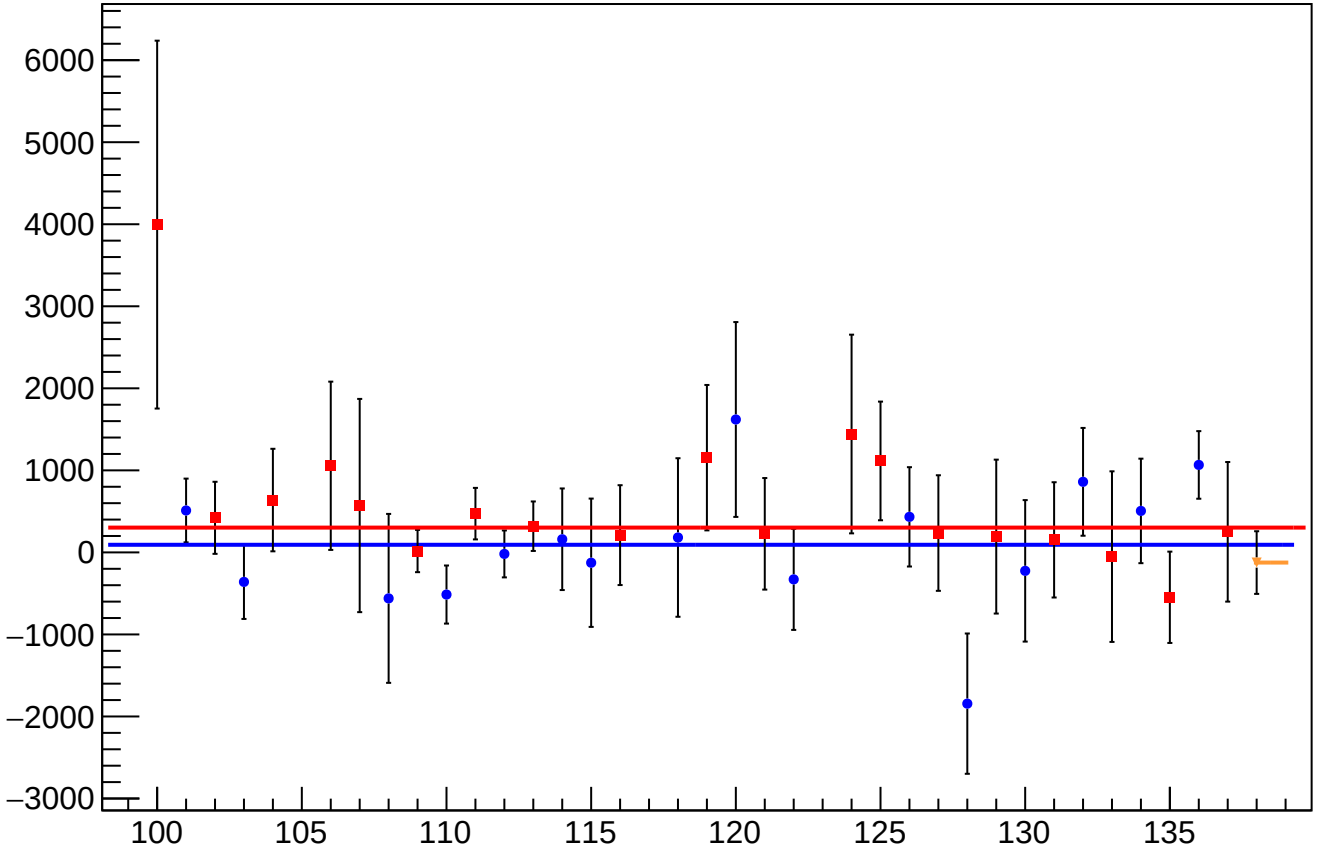
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 319.590+/-0.086 χ^2/NDF: 2140746.6/16

All: 308.075+/-0.060 χ^2/NDF: 4717005.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: 92.803+/-131.927 χ^2/NDF: 20.8/15

Left Out: -123.976+/-381.877 χ^2/NDF:0.0/0

Right Out: 302.273+/-123.916 χ^2/NDF: 10.8/18

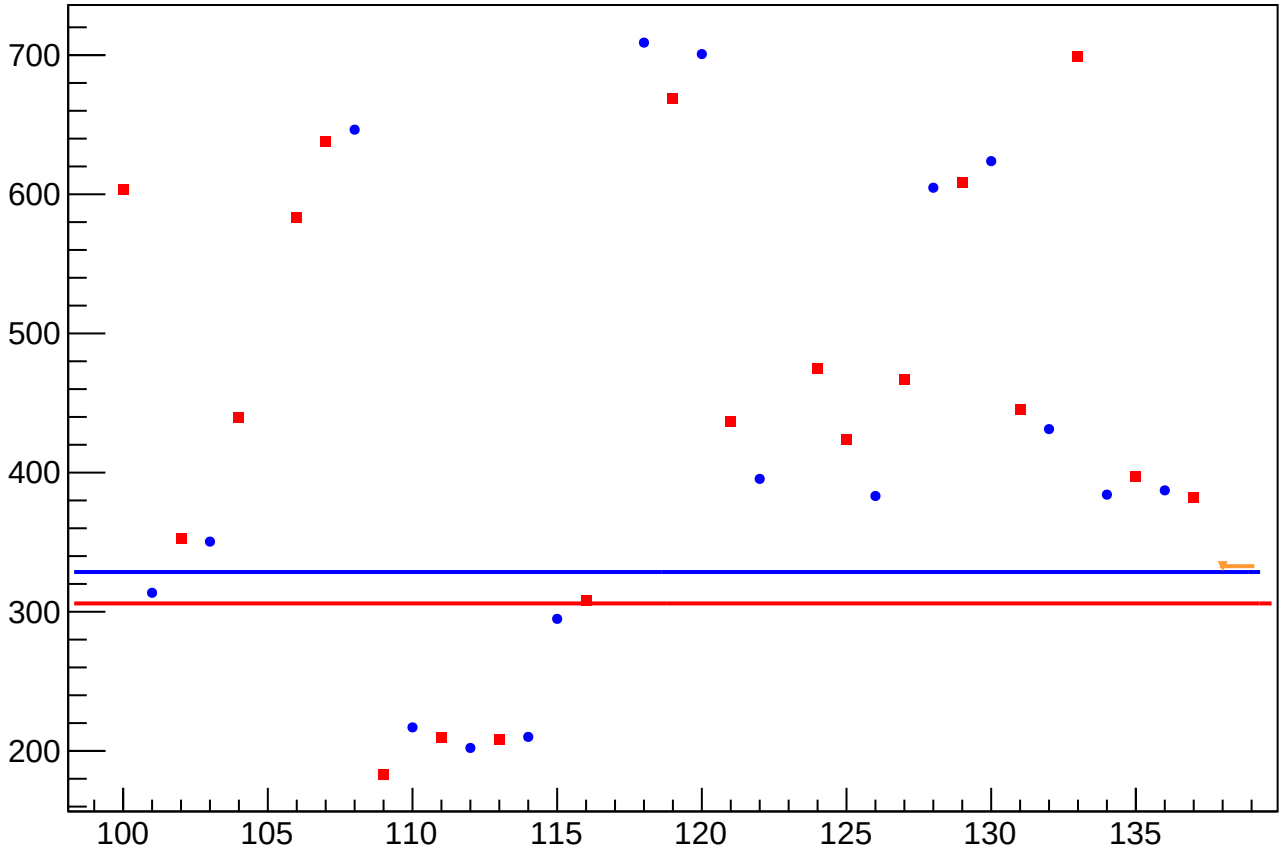
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.689+/-124.696 χ^2/NDF: 21.1/16

All: 186.710+/-87.896 χ^2/NDF: 33.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_rms vs Slug



Right In: 328.567+/-0.093 χ^2/NDF: 1958873.4/15

Left Out: 332.758+/-0.270 χ^2/NDF:0.0/0

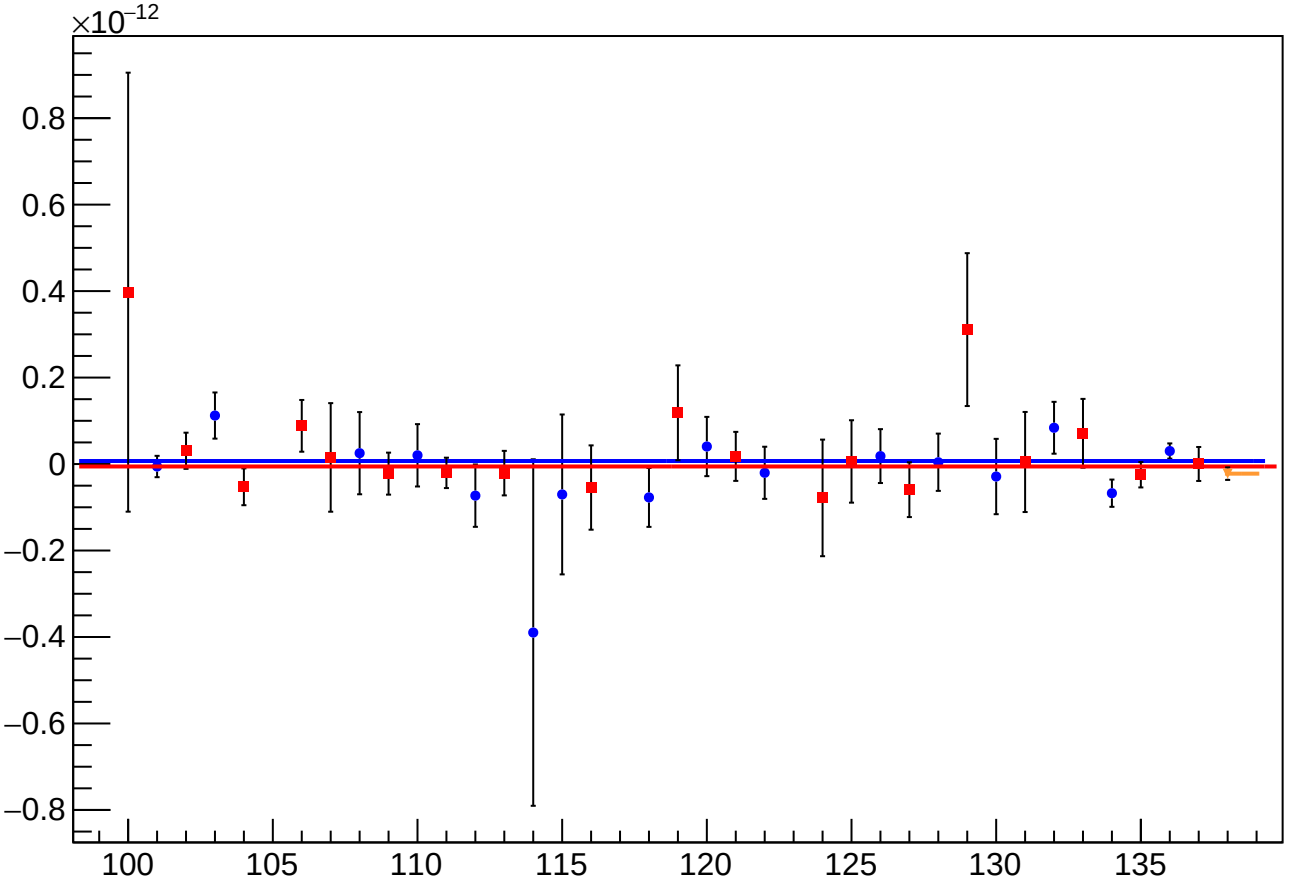
Right Out: 305.988+/-0.088 χ^2/NDF: 2527463.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 329.014+/-0.088 χ^2/NDF: 1959088.6/16

All: 317.429+/-0.062 χ^2/NDF: 4520861.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 17.7/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

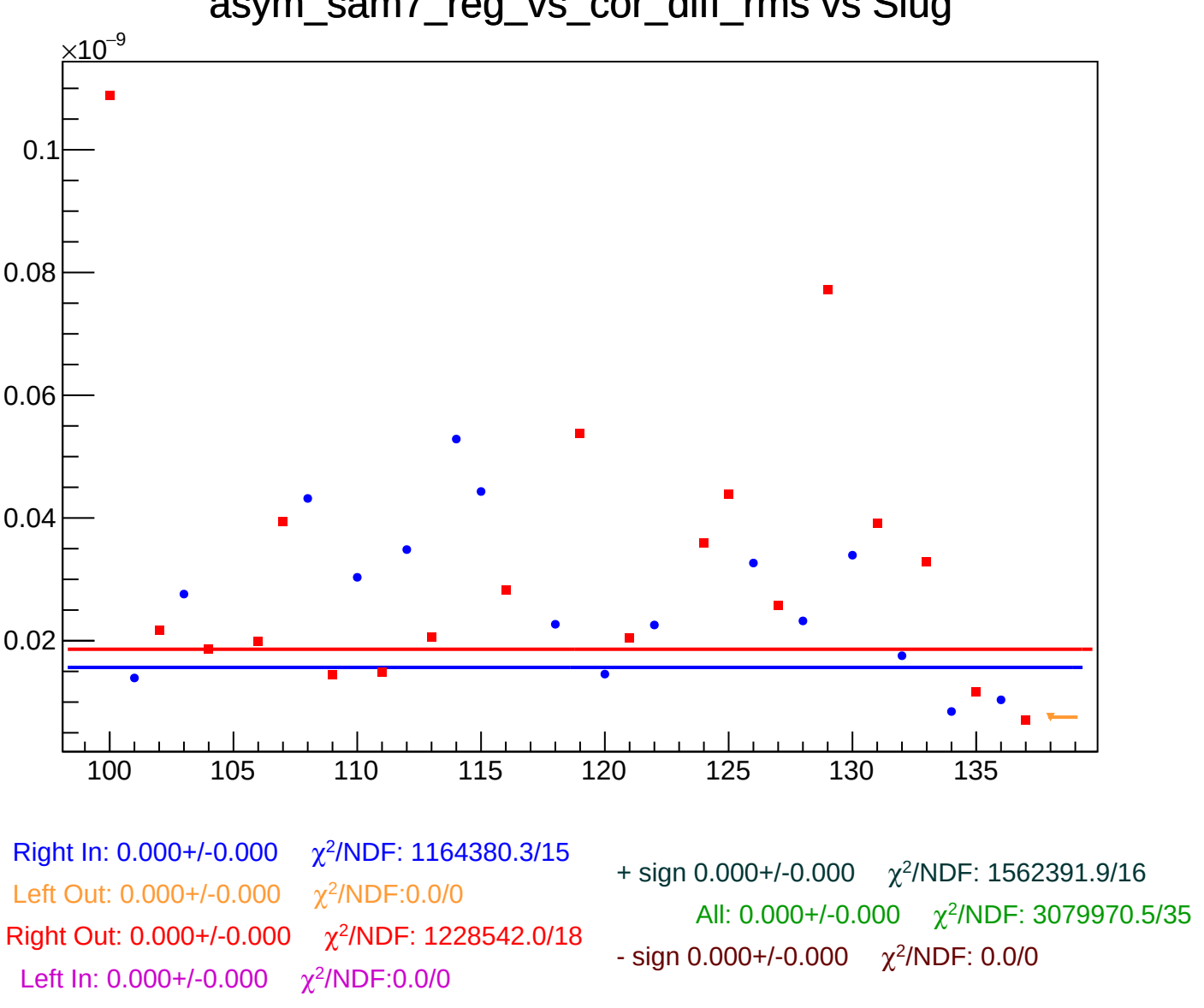
Right Out: -0.000+/-0.000 χ^2/NDF: 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

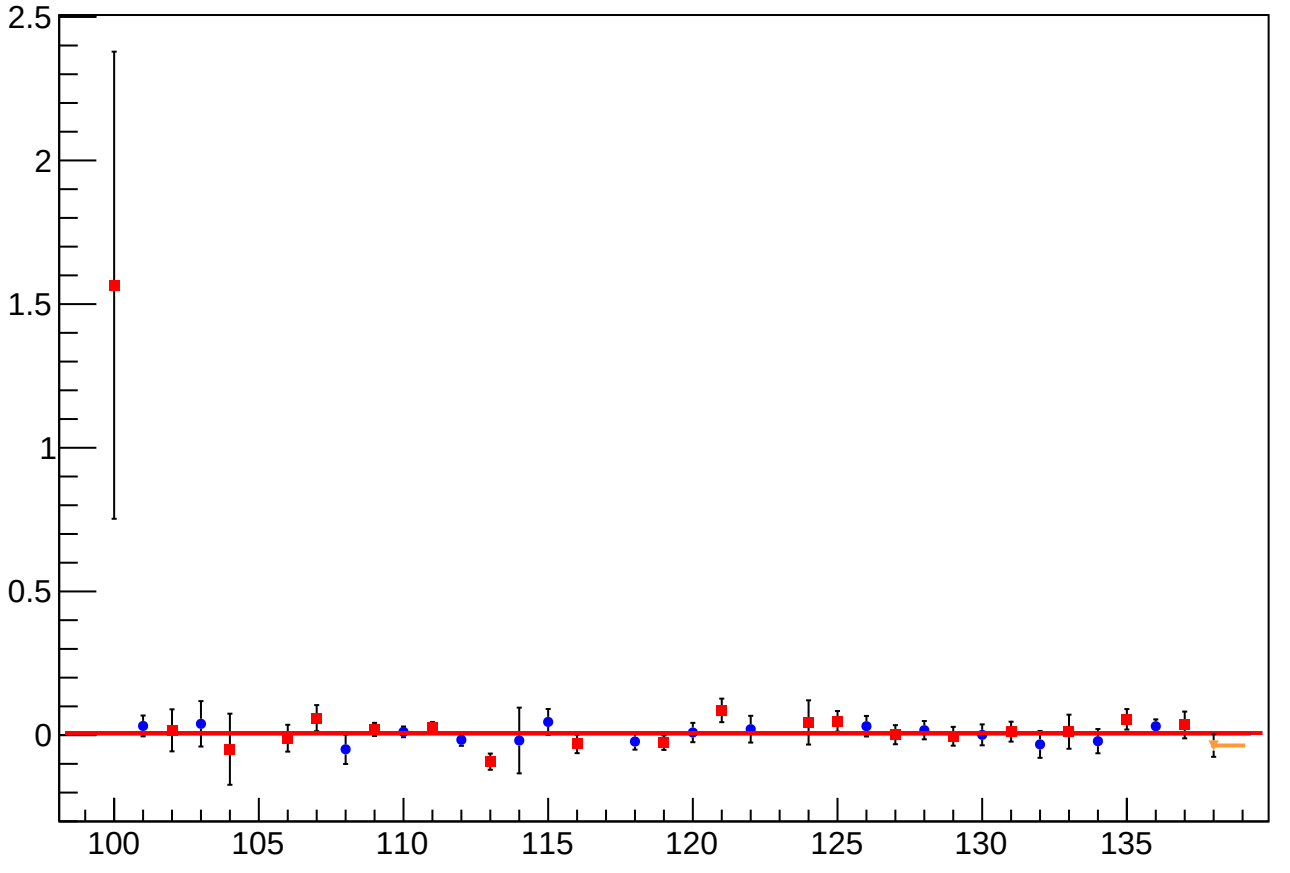
+ sign -0.000+/-0.000 χ^2/NDF: 20.3/16

All: -0.000+/-0.000 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam7_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1164380.3/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1228542.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1562391.9/16
All: 0.000+/-0.000 χ²/NDF: 3079970.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.006+/-0.008 χ^2/NDF: 7.9/15

Left Out: -0.036+/-0.039 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF: 29.8/18

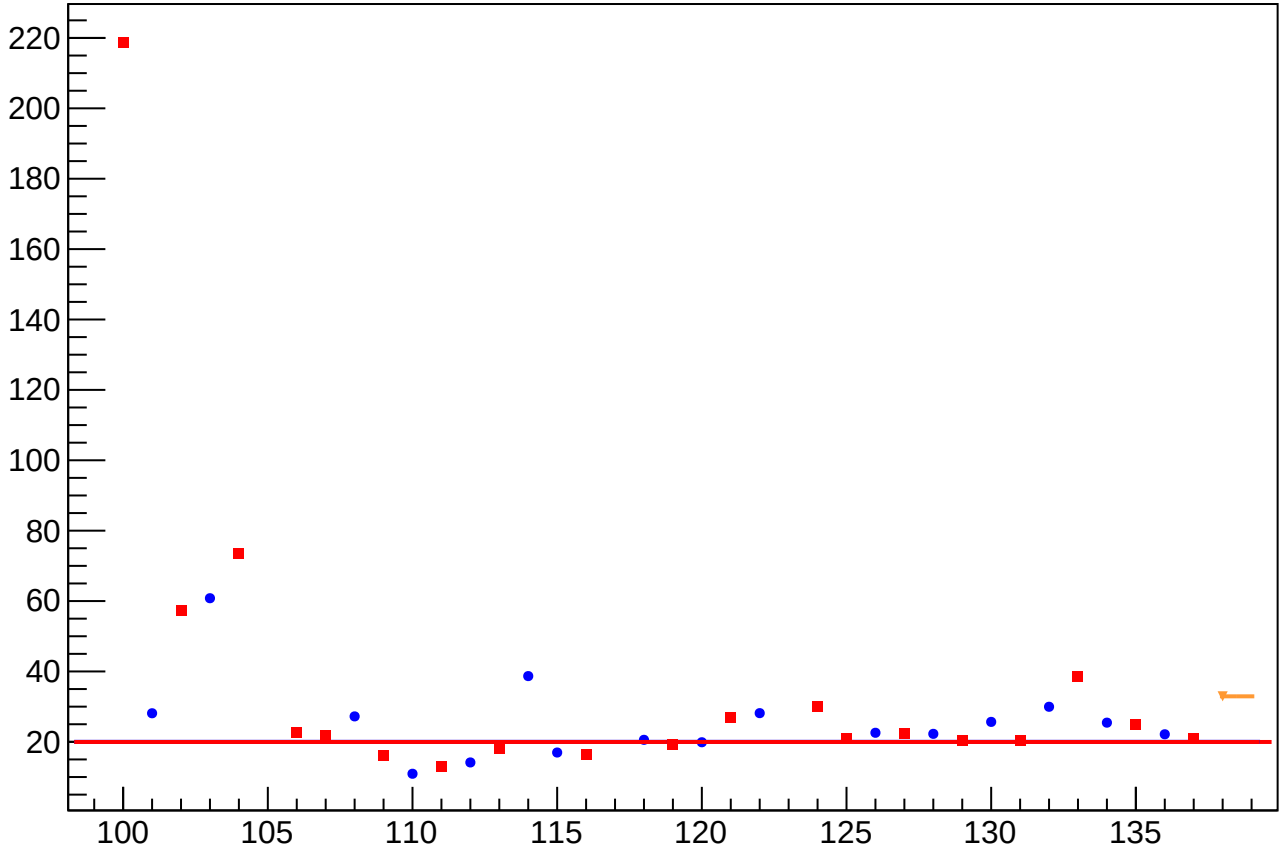
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.008 χ^2/NDF: 9.0/16

All: 0.006+/-0.006 χ^2/NDF: 38.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 20.000+/-0.006 χ^2/NDF: 1641371.9/15

Left Out: 32.930+/-0.028 χ^2/NDF:0.0/0

Right Out: 19.963+/-0.006 χ^2/NDF: 1716895.2/18

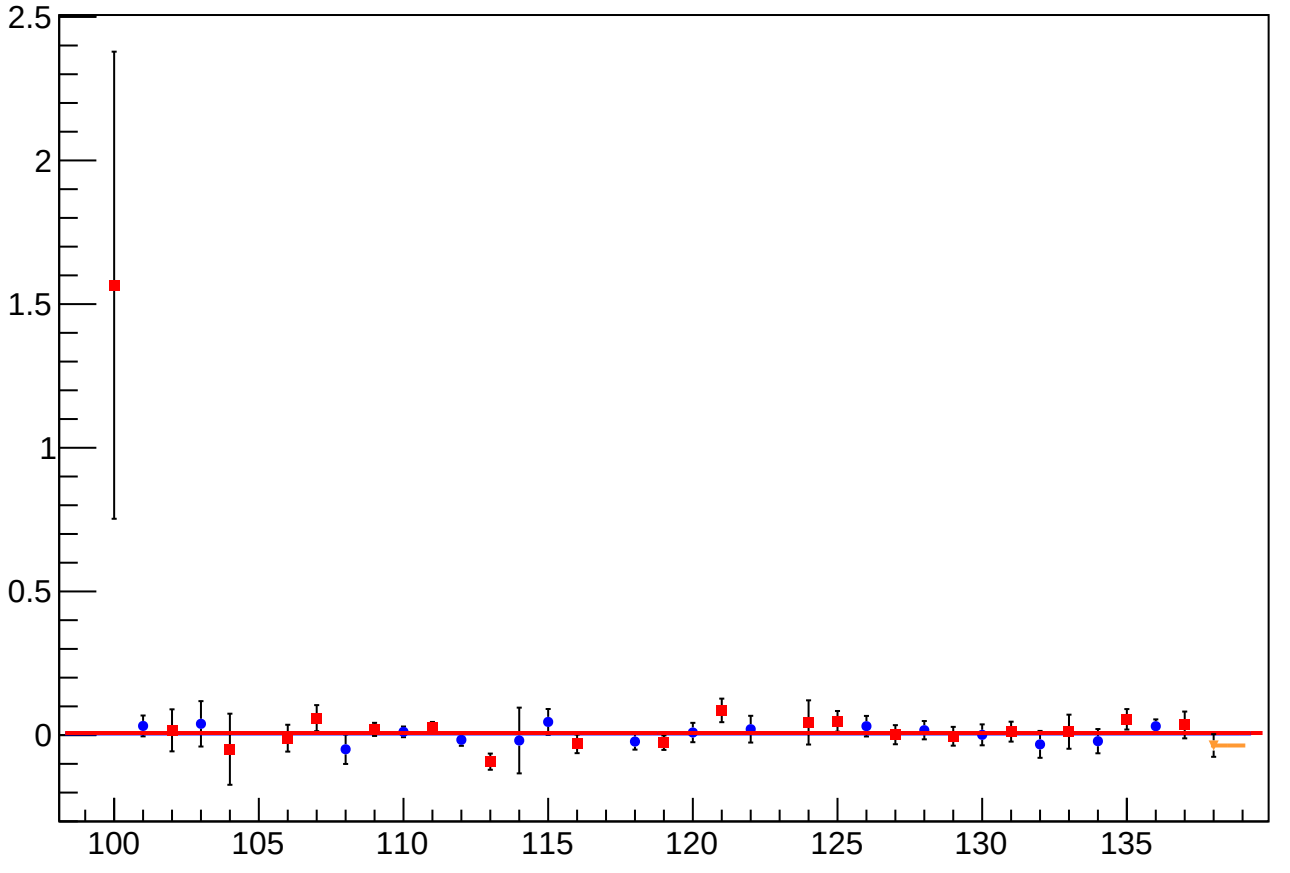
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.532+/-0.006 χ^2/NDF: 1847641.3/16

All: 20.251+/-0.004 χ^2/NDF: 3569538.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006+/-0.008 χ^2/NDF: 7.9/15

Left Out: -0.036+/-0.039 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF: 29.8/18

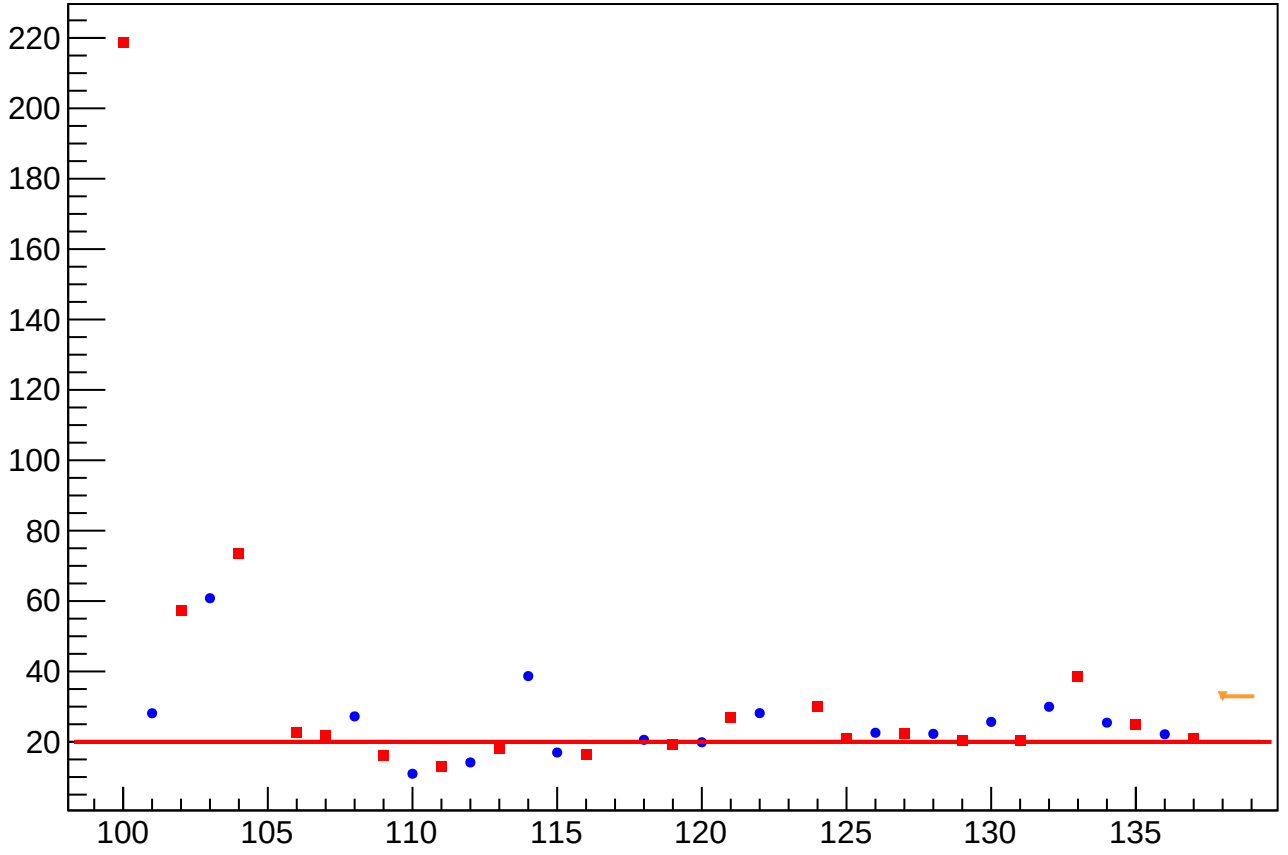
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.008 χ^2/NDF: 9.0/16

All: 0.006+/-0.006 χ^2/NDF: 38.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.000+/-0.006 χ^2/NDF: 1641371.9/15

Left Out: 32.930+/-0.028 χ^2/NDF:0.0/0

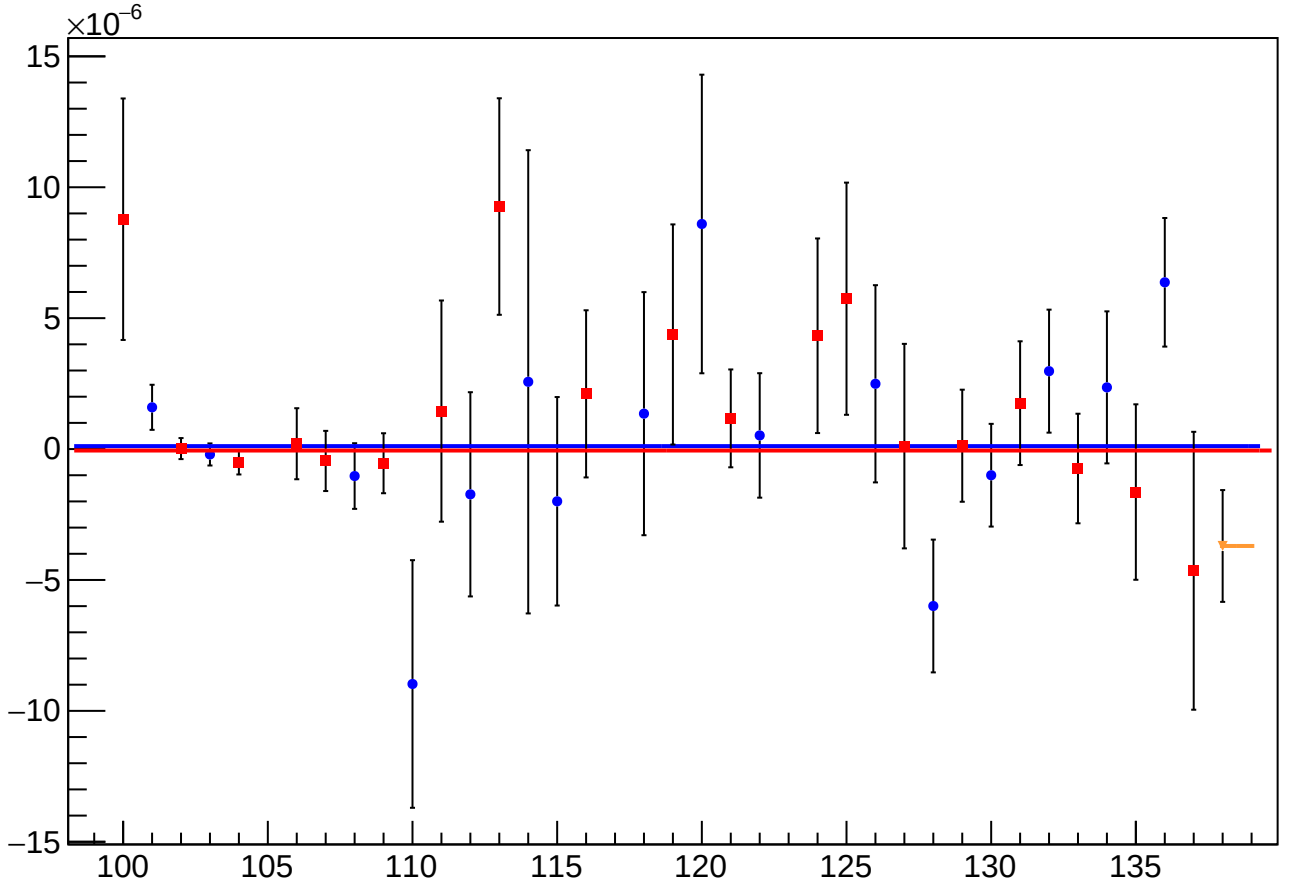
Right Out: 19.963+/-0.006 χ^2/NDF: 1716895.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.532+/-0.006 χ^2/NDF: 1847641.3/16

All: 20.251+/-0.004 χ^2/NDF: 3569538.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 26.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 17.1/18

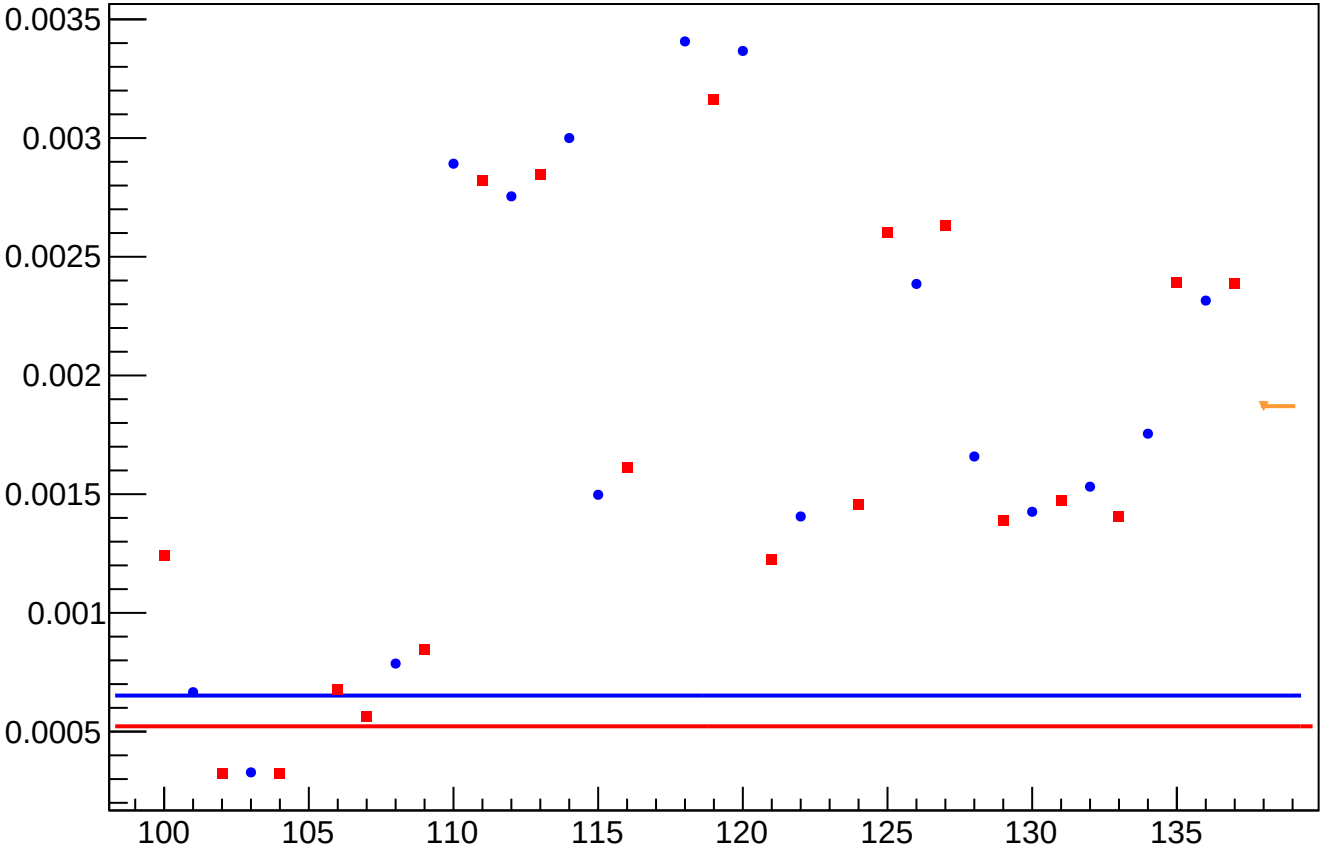
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 29.2/16

All: -0.000+/-0.000 χ^2/NDF: 46.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 6357494.9/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF: 6676790.5/18

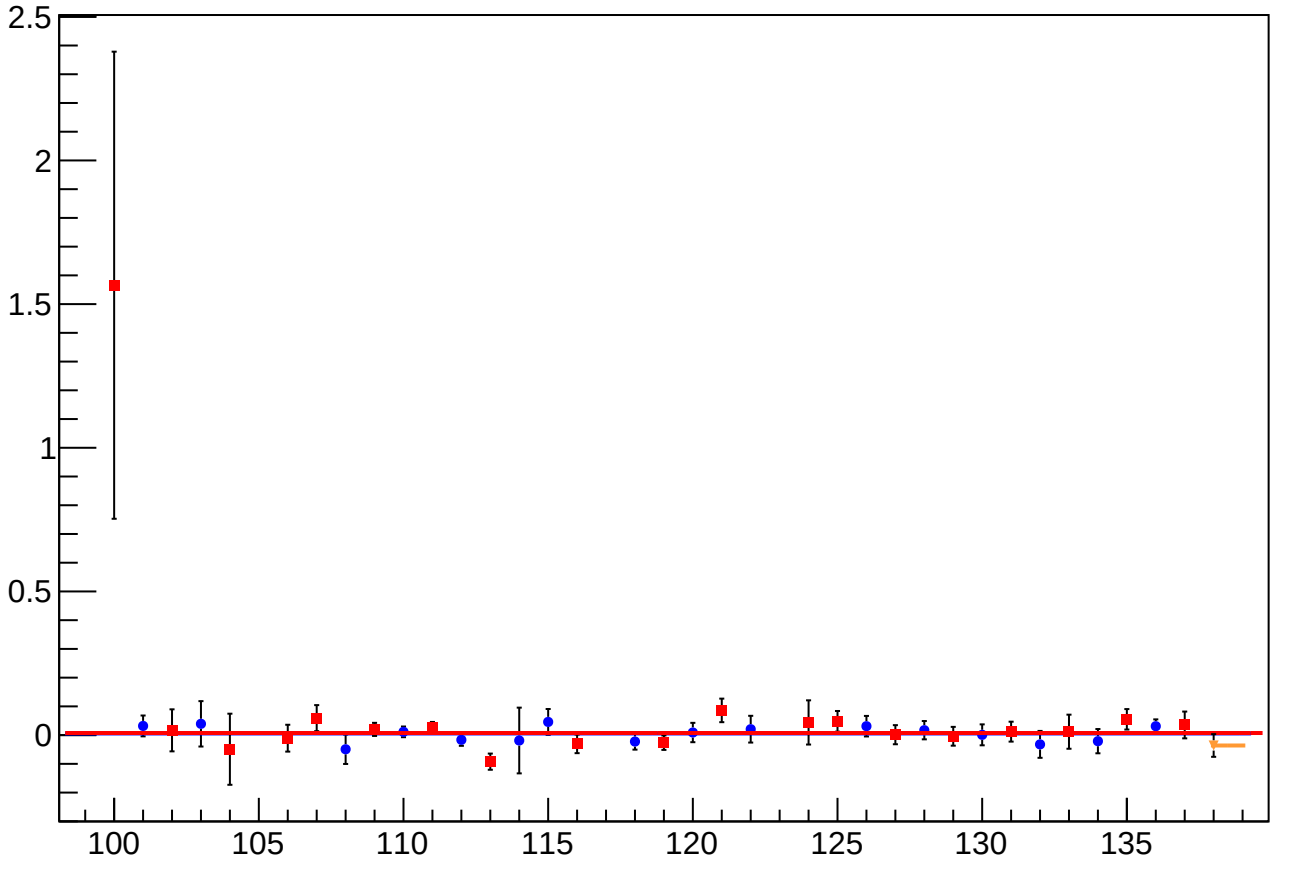
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 6993889.7/16

All: 0.001+/-0.000 χ^2/NDF: 13955959.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.006+/-0.008 χ^2/NDF: 7.9/15

Left Out: -0.036+/-0.039 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF: 29.8/18

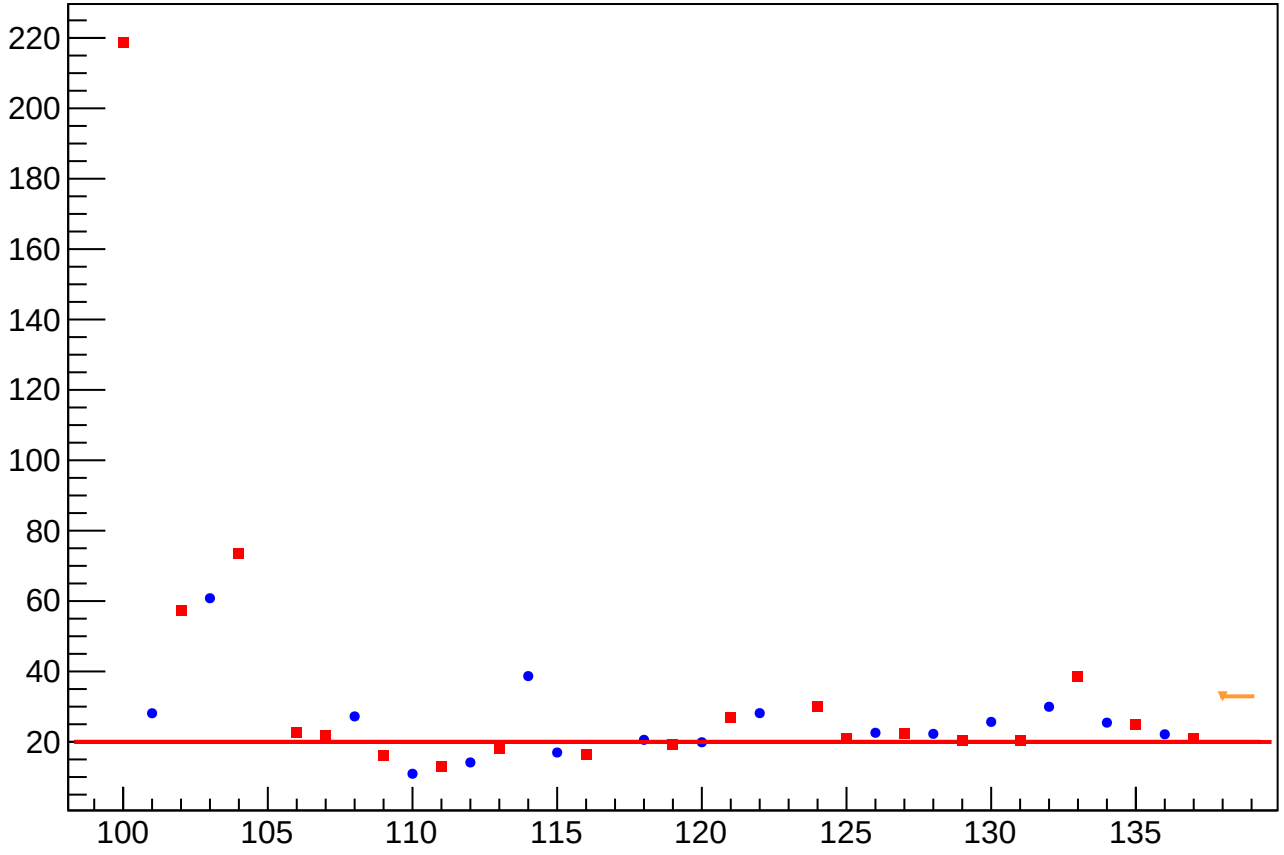
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.008 χ^2/NDF: 9.0/16

All: 0.006+/-0.006 χ^2/NDF: 38.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 20.000+/-0.006 χ^2/NDF: 1641197.3/15

Left Out: 32.929+/-0.028 χ^2/NDF:0.0/0

Right Out: 19.963+/-0.006 χ^2/NDF: 1716830.0/18

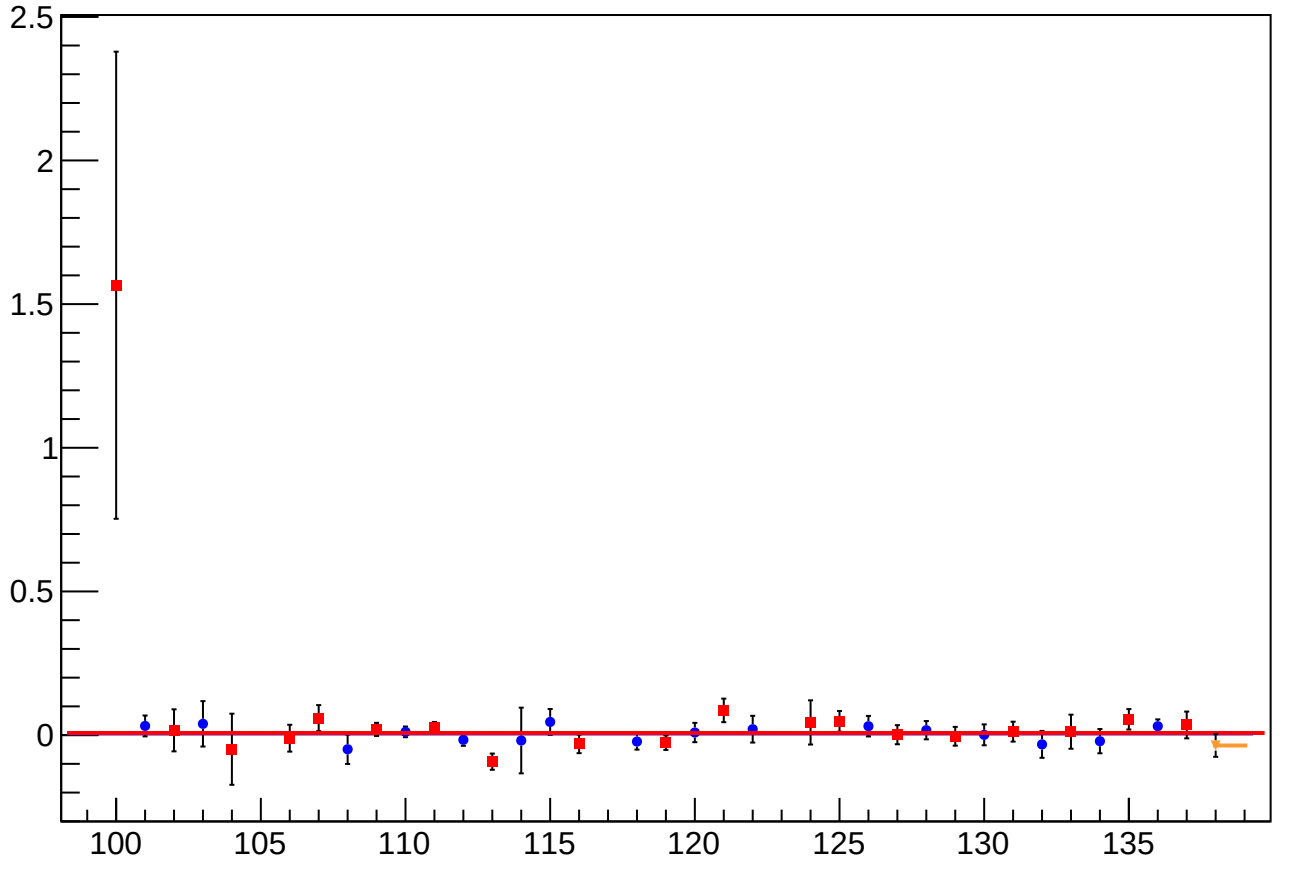
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.532+/-0.006 χ^2/NDF: 1847447.7/16

All: 20.251+/-0.004 χ^2/NDF: 3569285.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006+/-0.008 χ^2/NDF: 7.9/15

Left Out: -0.036+/-0.039 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF: 29.8/18

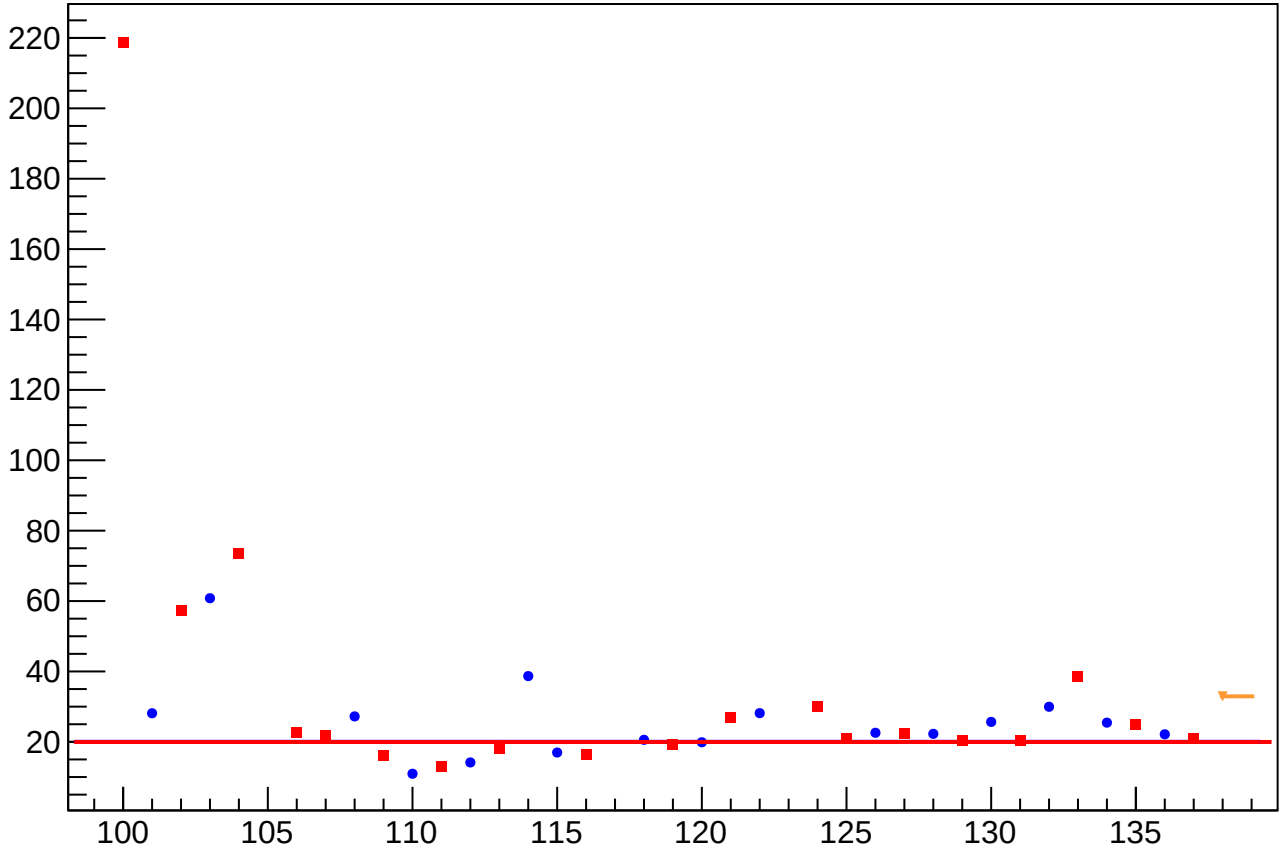
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.008 χ^2/NDF: 9.0/16

All: 0.006+/-0.006 χ^2/NDF: 38.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.000+/-0.006 χ^2/NDF: 1641197.3/15

Left Out: 32.929+/-0.028 χ^2/NDF:0.0/0

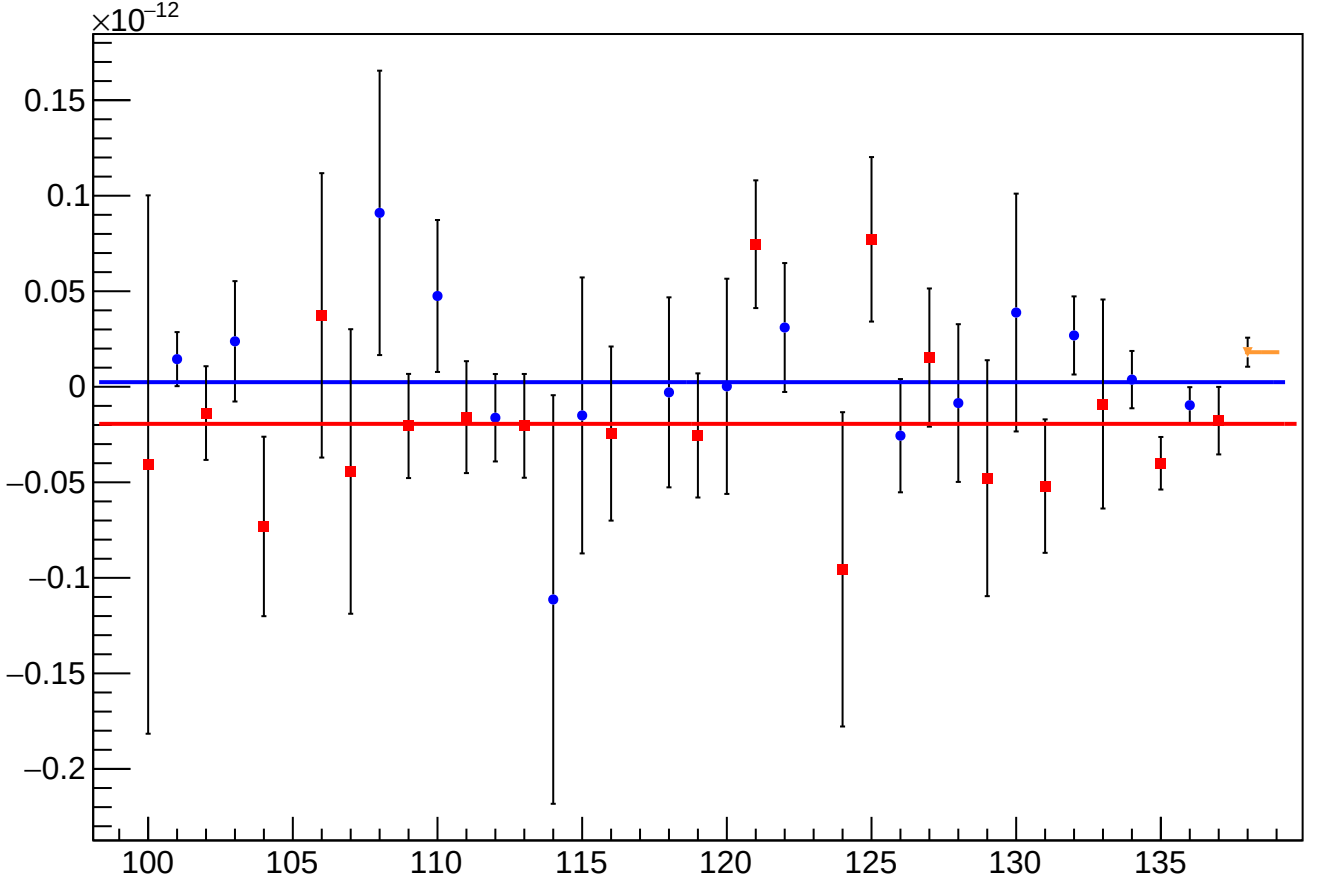
Right Out: 19.963+/-0.006 χ^2/NDF: 1716830.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.532+/-0.006 χ^2/NDF: 1847447.7/16

All: 20.251+/-0.004 χ^2/NDF: 3569285.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 10.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 20.2/18

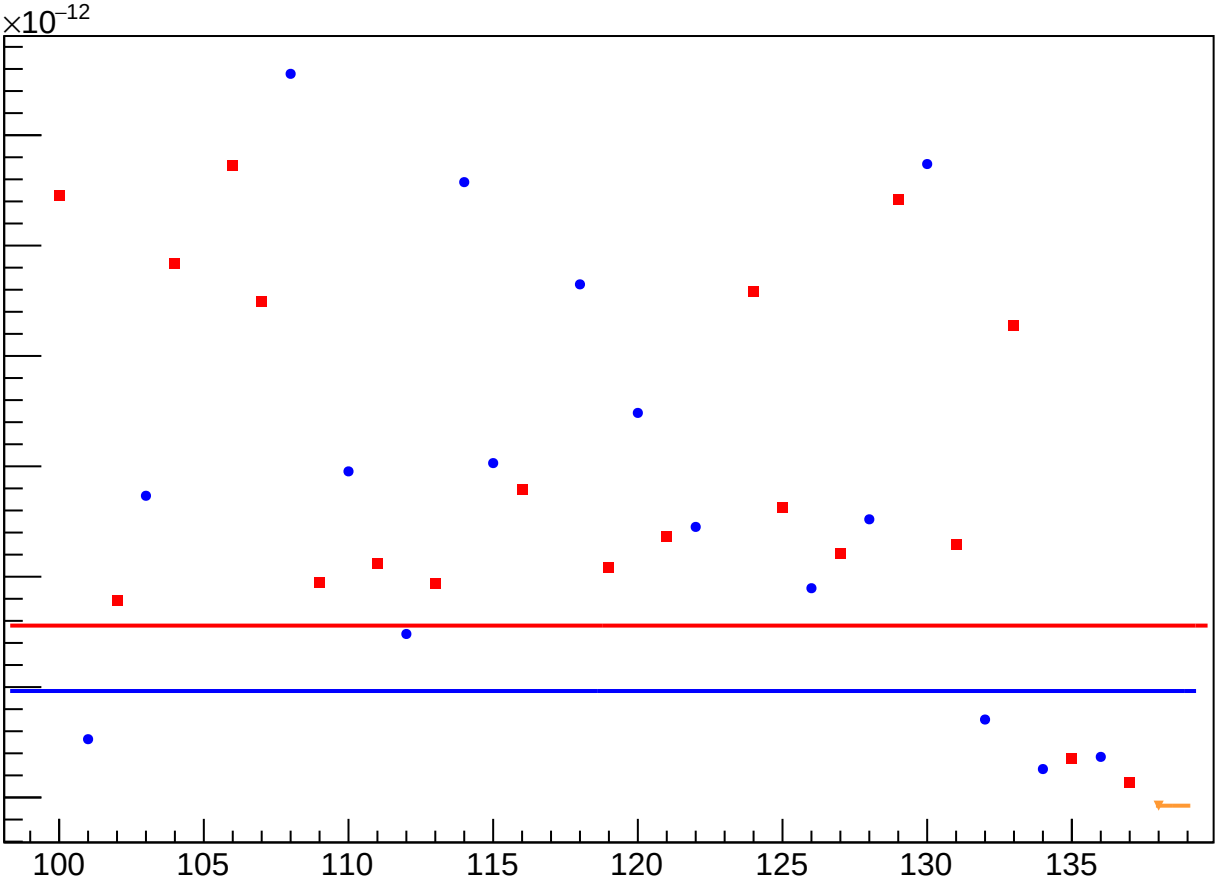
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 13.6/16

All: -0.000+/-0.000 χ^2/NDF: 44.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 1977074.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1798852.4/18

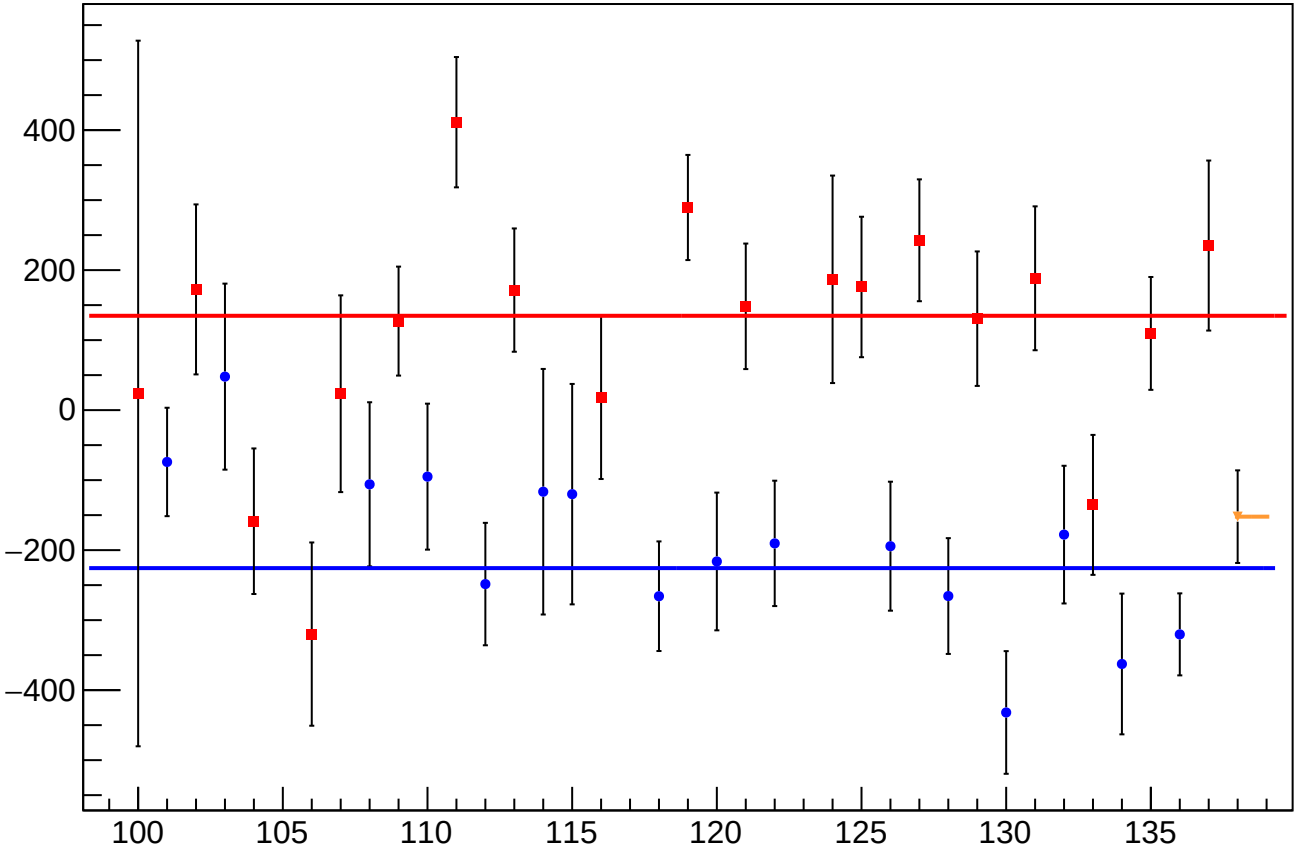
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2573477.7/16

All: 0.000+/-0.000 χ^2/NDF: 5034390.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -225.692+/-23.118 χ^2/NDF: 22.6/15

Left Out: -152.183+/-66.155 χ^2/NDF:0.0/0

Right Out: 134.762+/-23.192 χ^2/NDF: 45.3/18

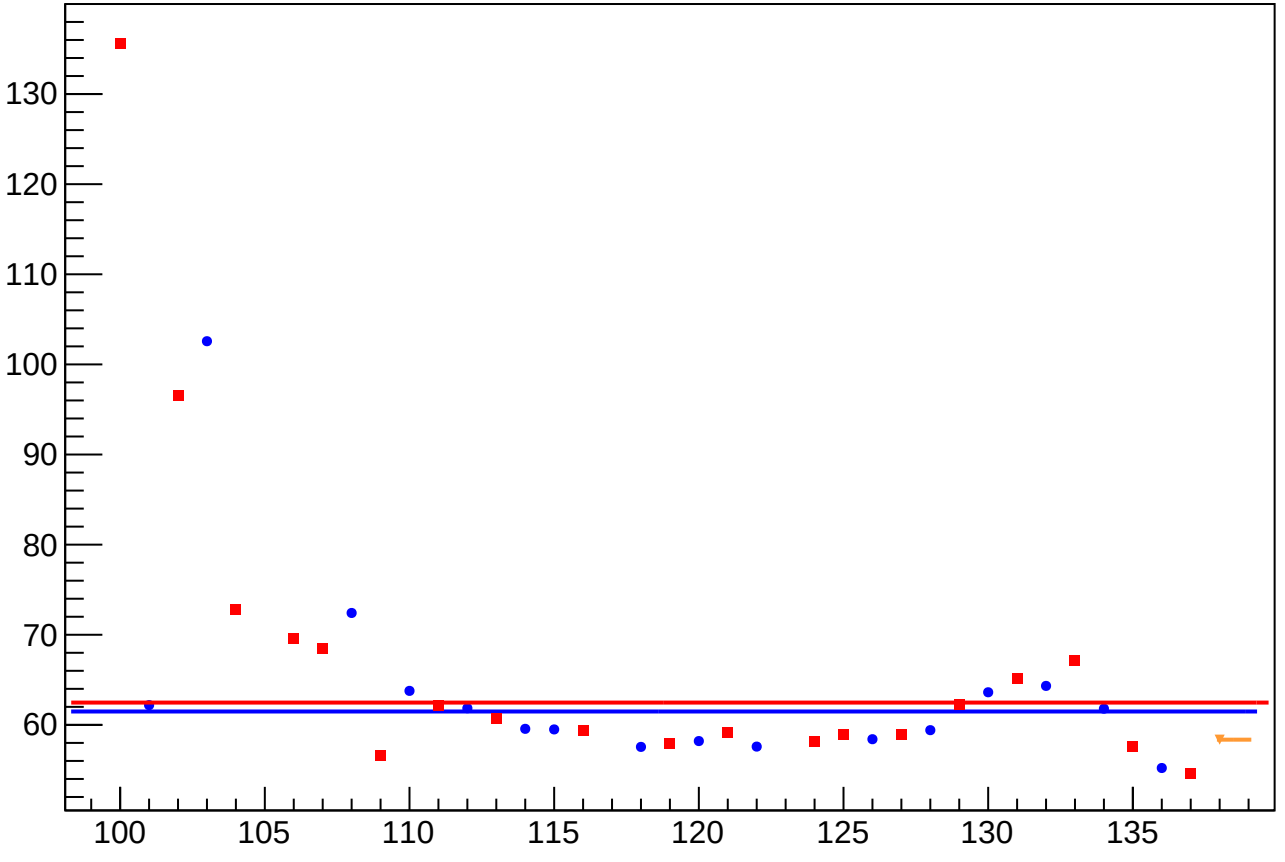
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -217.691+/-21.824 χ^2/NDF: 23.7/16

All: -52.161+/-15.894 χ^2/NDF: 191.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 61.486+/-0.016 χ^2/NDF: 250669.2/15

Left Out: 58.360+/-0.047 χ^2/NDF:0.0/0

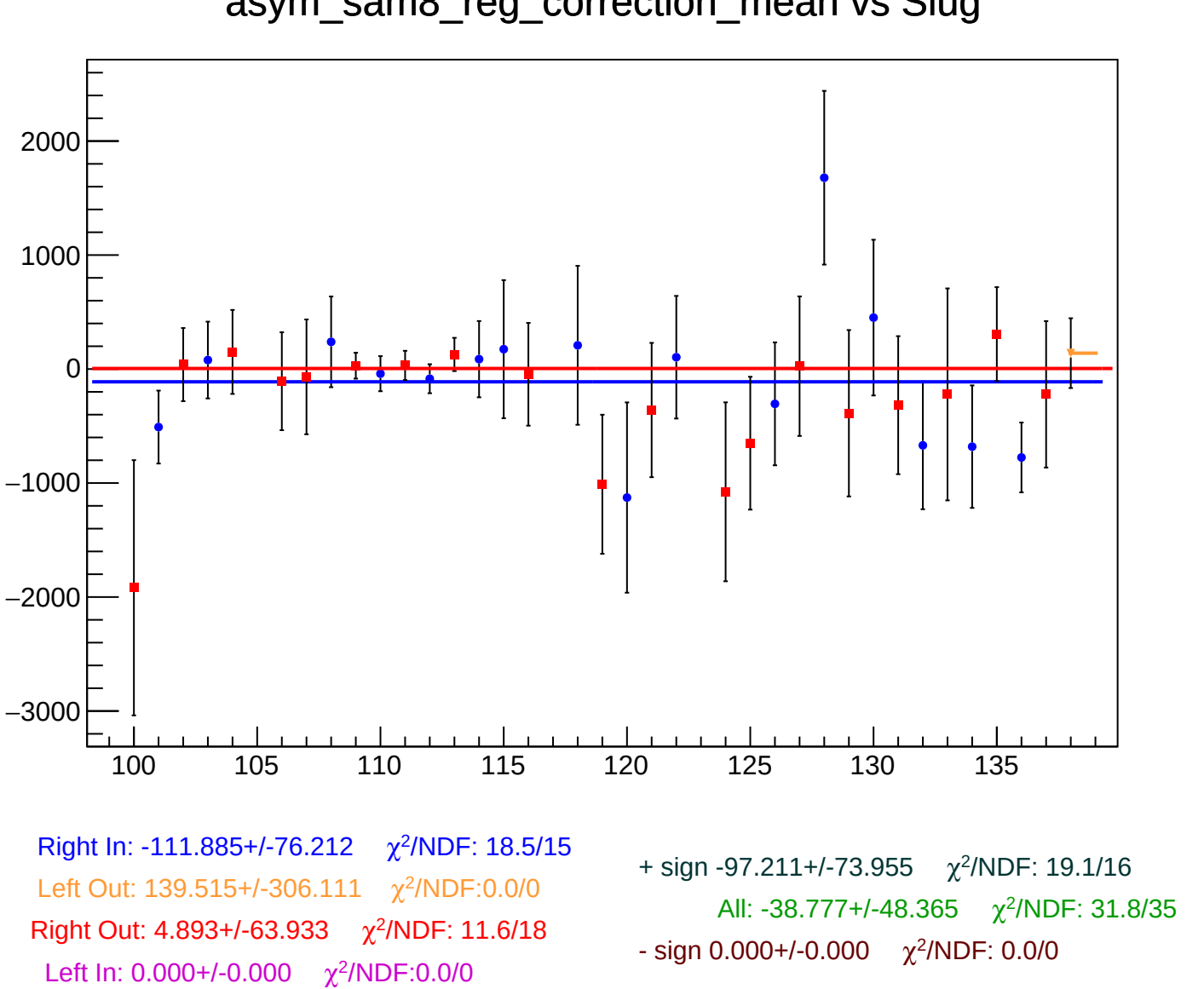
Right Out: 62.476+/-0.016 χ^2/NDF: 281148.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

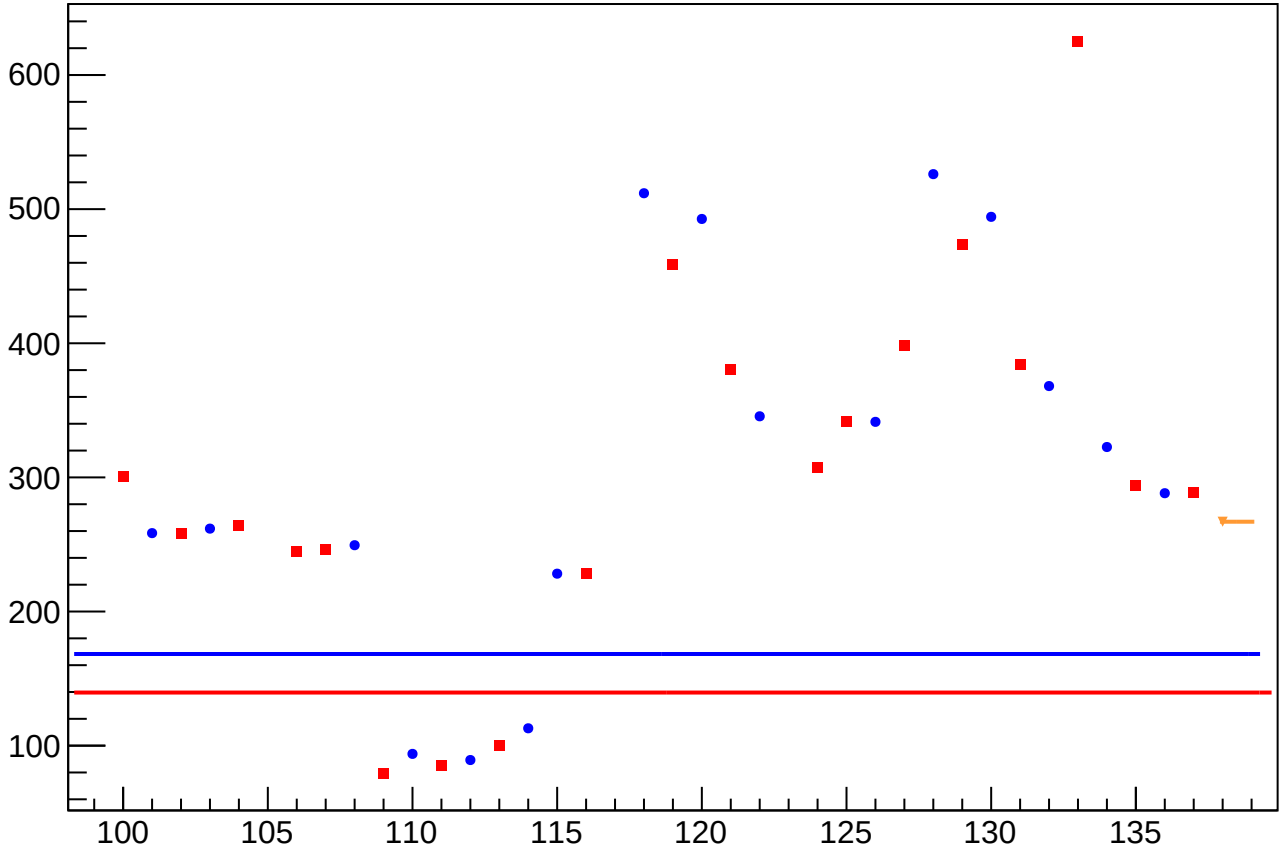
+ sign 61.146+/-0.015 χ^2/NDF: 254648.6/16

All: 61.770+/-0.011 χ^2/NDF: 539285.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam8_reg_correction_mean vs Slug
2000
1000
0
−1000
−2000
−3000
100
105
110
115
120
125
130
135
Right In: -111.885+/-76.212 χ²/NDF: 18.5/15
Left Out: 139.515+/-306.111 χ²/NDF:0.0/0
Right Out: 4.893+/-63.933 χ²/NDF: 11.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -97.211+/-73.955 χ²/NDF: 19.1/16
All: -38.777+/-48.365 χ²/NDF: 31.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 168.330+/-0.054 χ^2/NDF: 4544046.8/15

Left Out: 266.956+/-0.216 χ^2/NDF:0.0/0

Right Out: 139.594+/-0.045 χ^2/NDF: 5154153.5/18

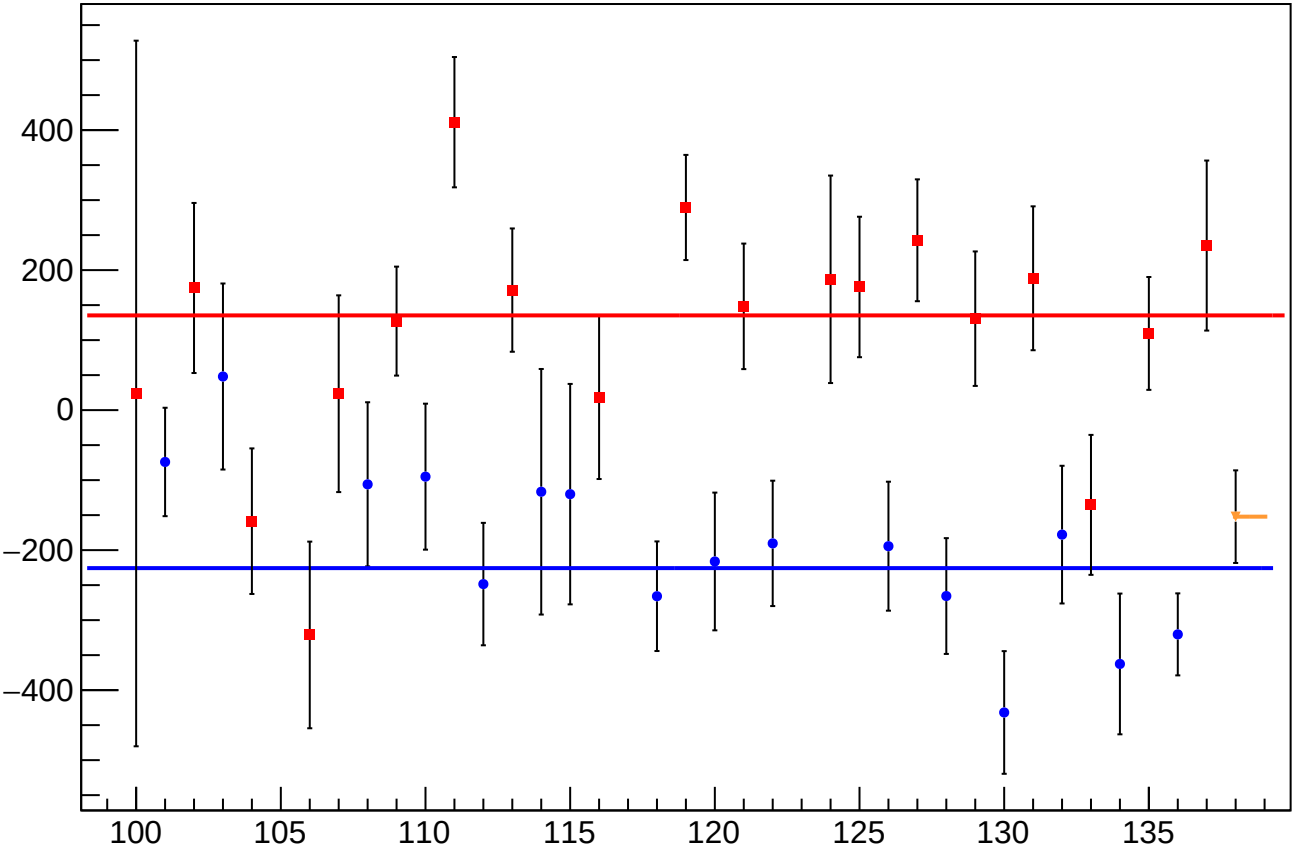
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 174.086+/-0.052 χ^2/NDF: 4739541.5/16

All: 154.346+/-0.034 χ^2/NDF: 10142680.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam8_mean vs Slug



Right In: -225.692+/-23.118 χ^2/NDF: 22.6/15

Left Out: -152.184+/-66.155 χ^2/NDF:0.0/0

Right Out: 135.311+/-23.205 χ^2/NDF: 44.9/18

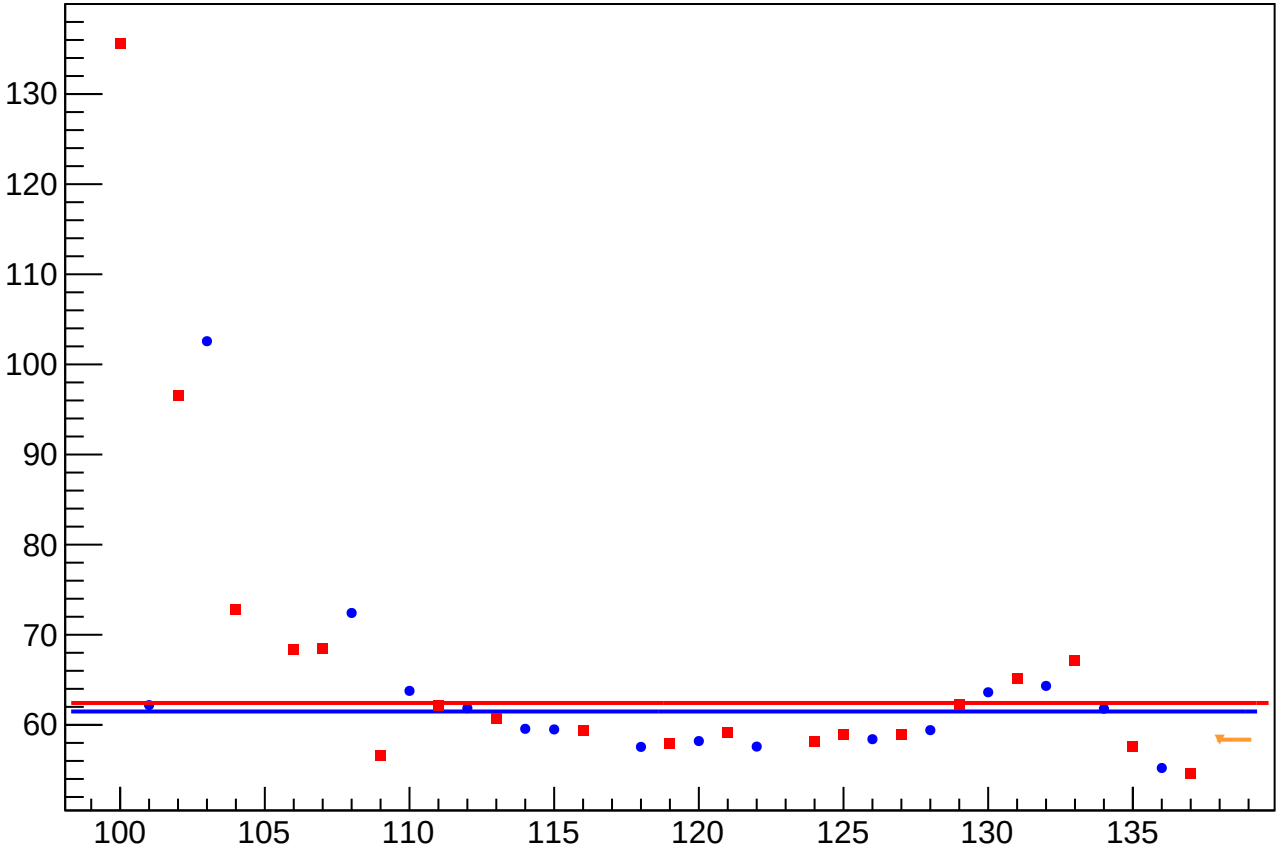
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -217.692+/-21.824 χ^2/NDF: 23.7/16

All: -52.005+/-15.898 χ^2/NDF: 191.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 61.486+/-0.016 χ^2/NDF: 250671.7/15

Left Out: 58.360+/-0.047 χ^2/NDF:0.0/0

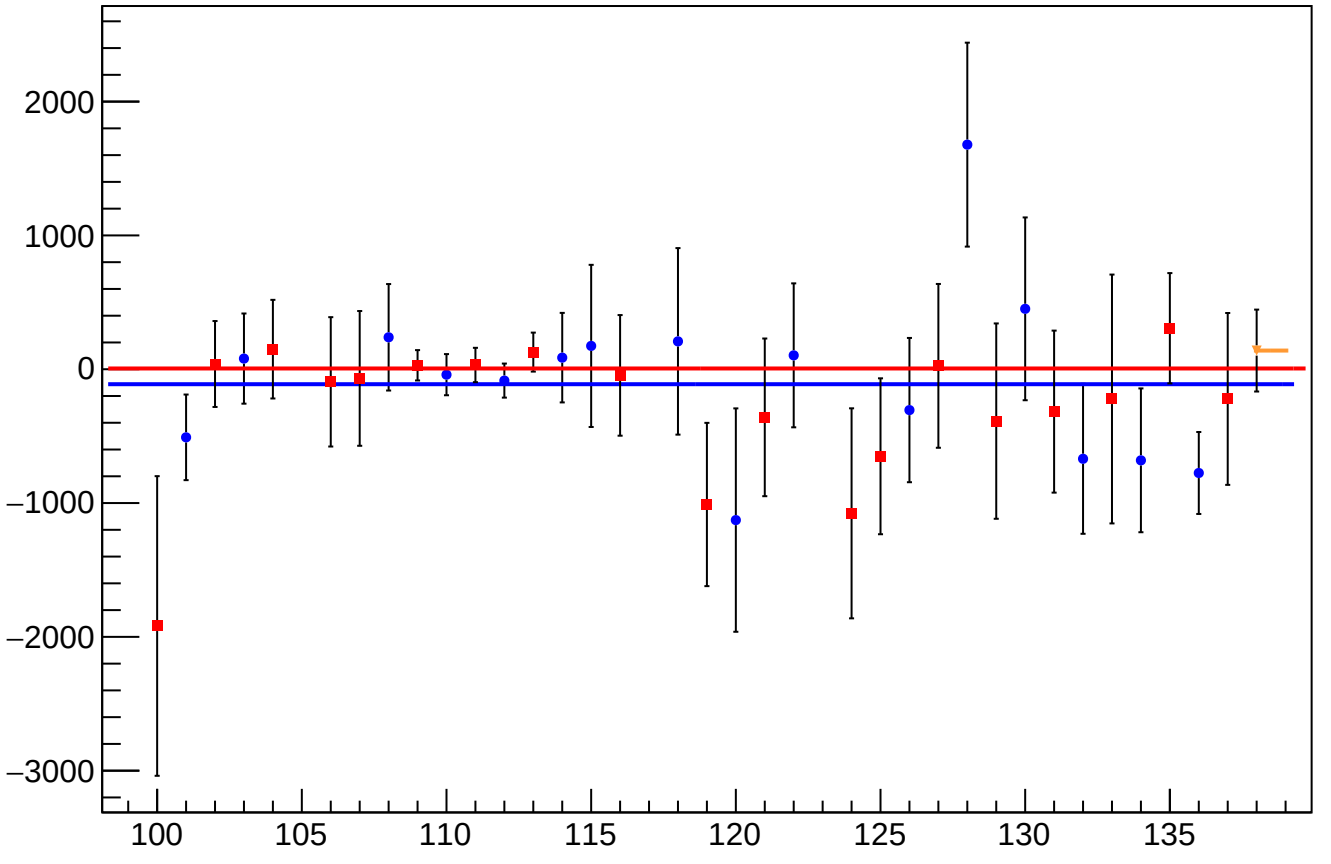
Right Out: 62.433+/-0.016 χ^2/NDF: 279408.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 61.146+/-0.015 χ^2/NDF: 254651.2/16

All: 61.750+/-0.011 χ^2/NDF: 537324.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -111.866+/-76.213 χ^2/NDF: 18.5/15

Left Out: 139.517+/-306.110 χ^2/NDF:0.0/0

Right Out: 5.616+/-64.085 χ^2/NDF: 11.6/18

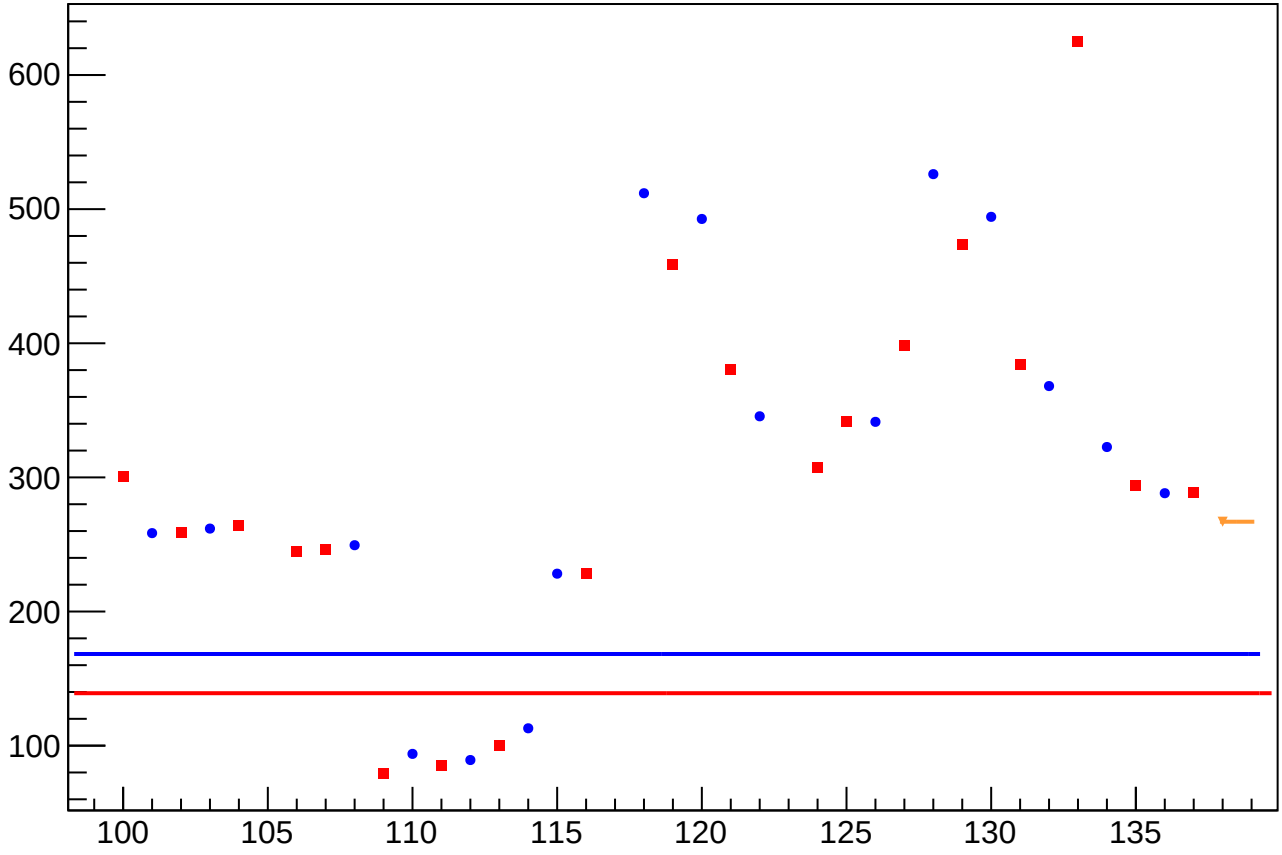
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -97.193+/-73.955 χ^2/NDF: 19.1/16

All: -38.475+/-48.431 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 168.330+/-0.054 χ^2/NDF: 4544100.8/15

Left Out: 266.954+/-0.216 χ^2/NDF:0.0/0

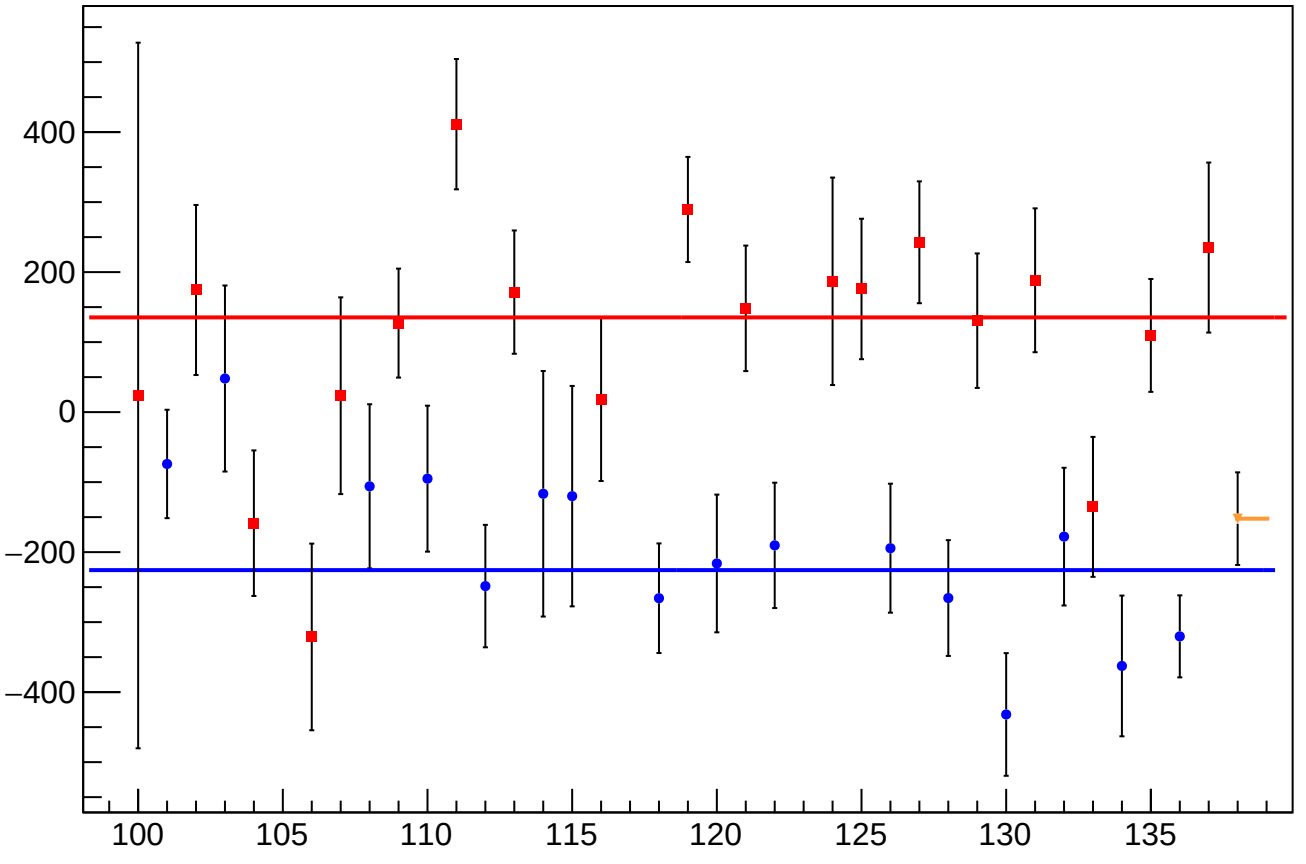
Right Out: 139.105+/-0.045 χ^2/NDF: 5130011.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 174.086+/-0.052 χ^2/NDF: 4739591.4/16

All: 154.107+/-0.034 χ^2/NDF: 10125177.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -225.692+/-23.118 χ^2/NDF: 22.6/15

Left Out: -152.184+/-66.155 χ^2/NDF:0.0/0

Right Out: 135.311+/-23.205 χ^2/NDF: 44.9/18

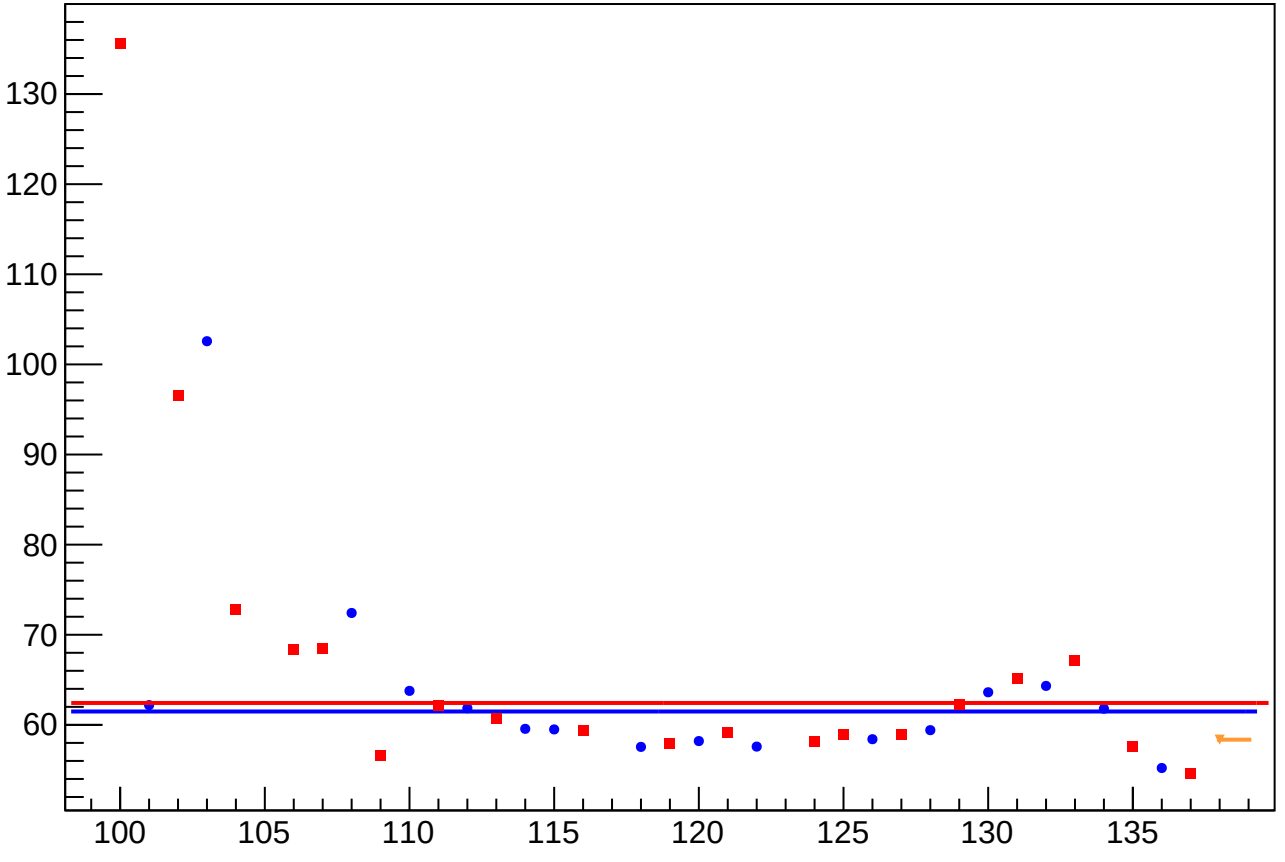
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -217.692+/-21.824 χ^2/NDF: 23.7/16

All: -52.005+/-15.898 χ^2/NDF: 191.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 61.486+/-0.016 χ^2/NDF: 250671.7/15

Left Out: 58.360+/-0.047 χ^2/NDF:0.0/0

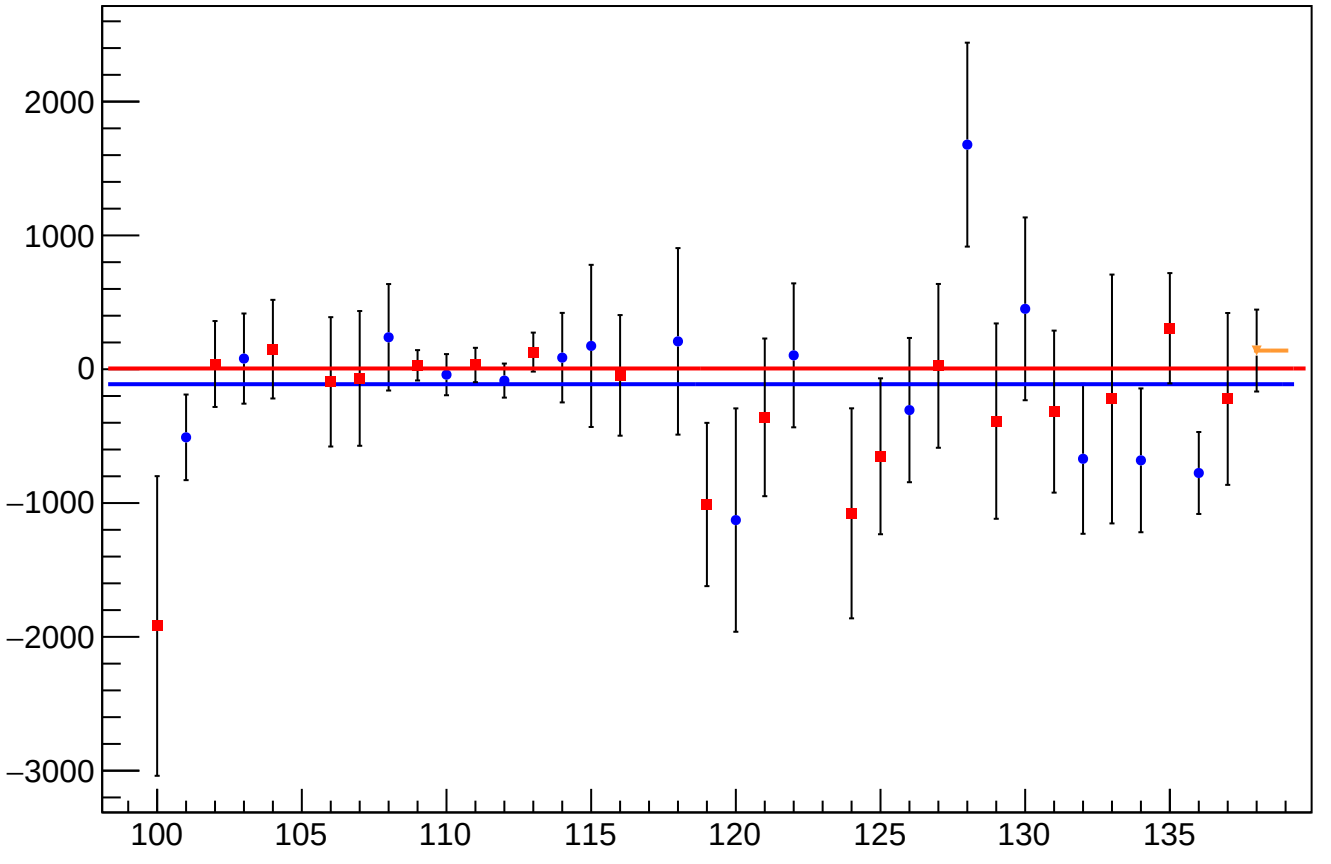
Right Out: 62.433+/-0.016 χ^2/NDF: 279408.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.146+/-0.015 χ^2/NDF: 254651.2/16

All: 61.750+/-0.011 χ^2/NDF: 537324.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -111.866+/-76.213 χ^2/NDF: 18.5/15

Left Out: 139.517+/-306.110 χ^2/NDF:0.0/0

Right Out: 5.616+/-64.085 χ^2/NDF: 11.6/18

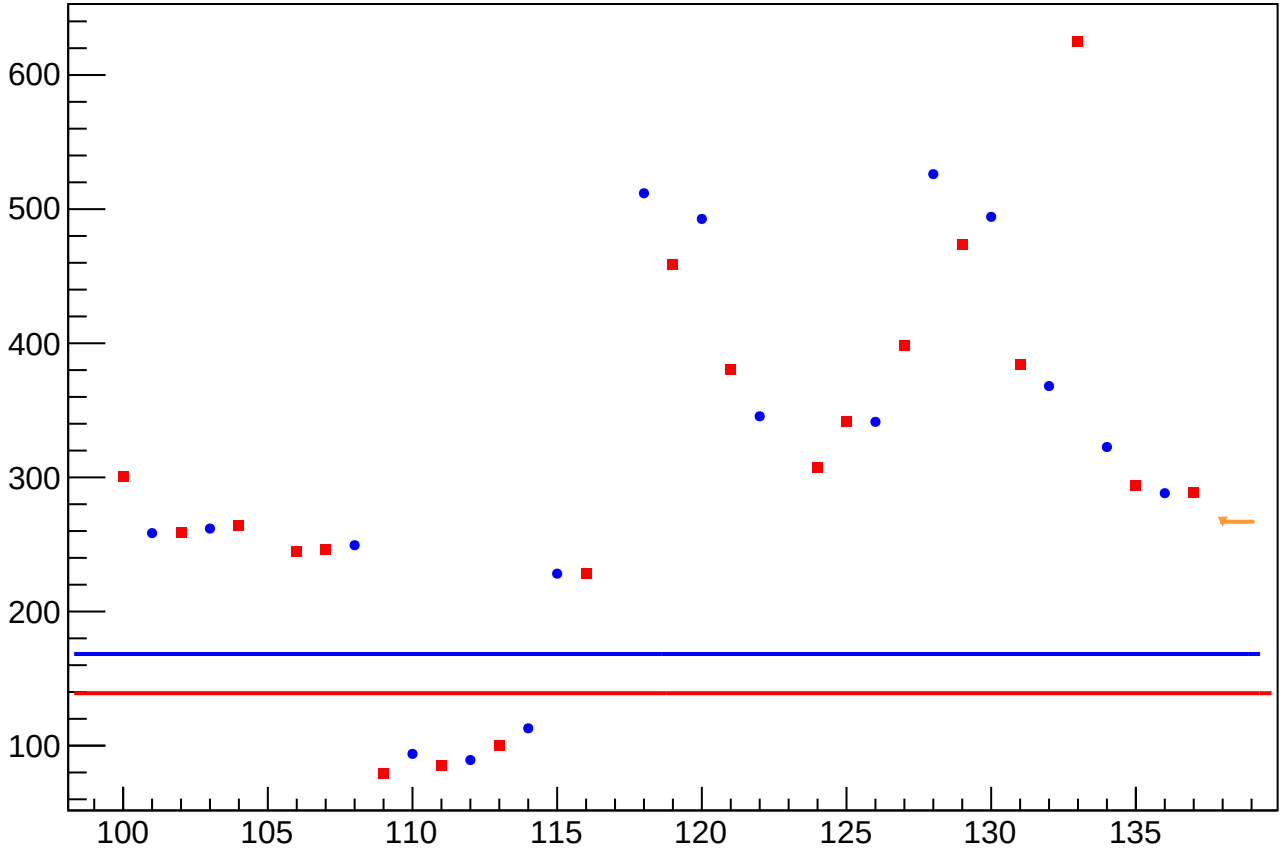
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -97.193+/-73.955 χ^2/NDF: 19.1/16

All: -38.475+/-48.431 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 168.330+/-0.054 χ^2/NDF: 4544100.8/15

Left Out: 266.954+/-0.216 χ^2/NDF:0.0/0

Right Out: 139.105+/-0.045 χ^2/NDF: 5130011.5/18

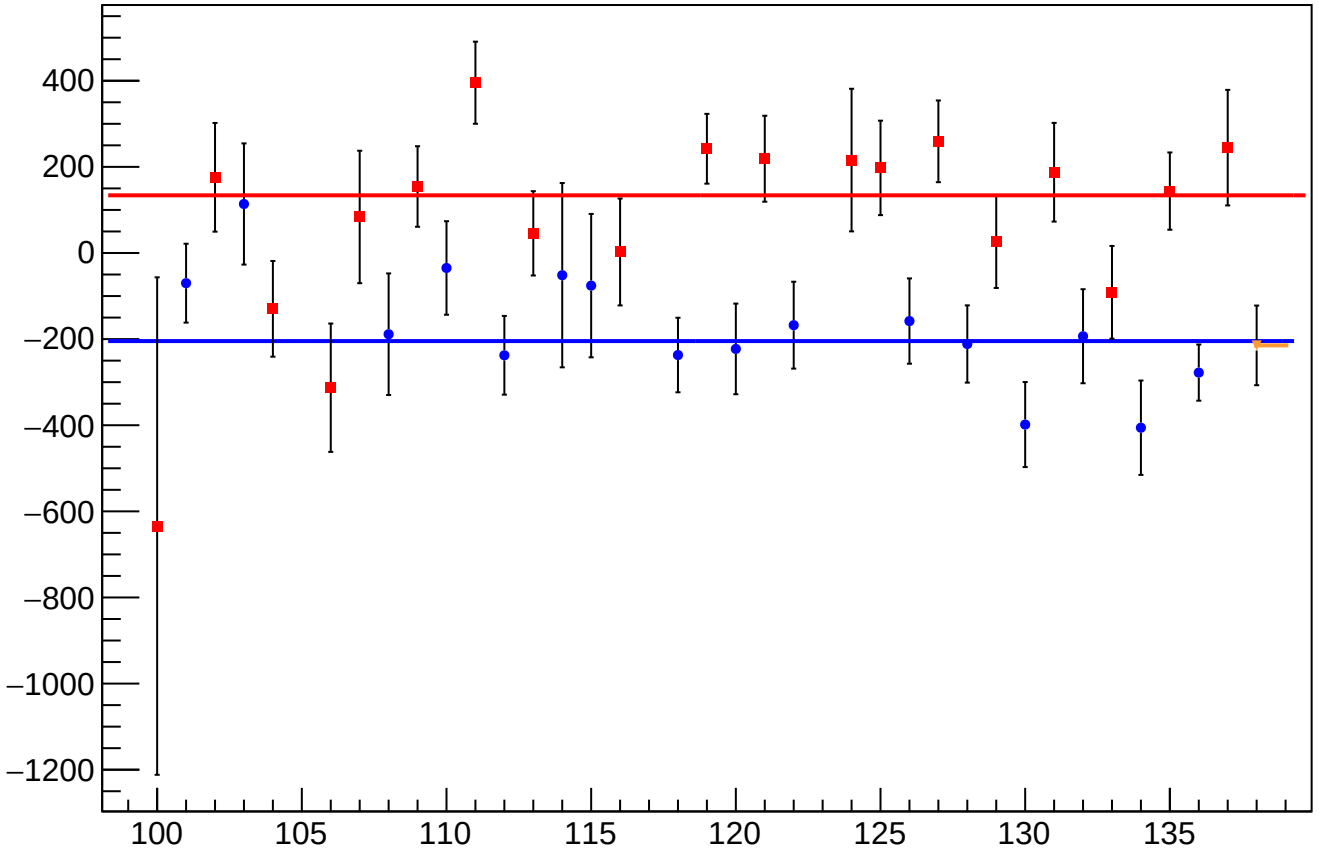
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 174.086+/-0.052 χ^2/NDF: 4739591.4/16

All: 154.107+/-0.034 χ^2/NDF: 10125177.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam8_mean vs Slug



Right In: -204.577+/-25.523 χ^2/NDF: 20.0/15

Left Out: -214.590+/-92.517 χ^2/NDF:0.0/0

Right Out: 133.924+/-25.484 χ^2/NDF: 37.2/18

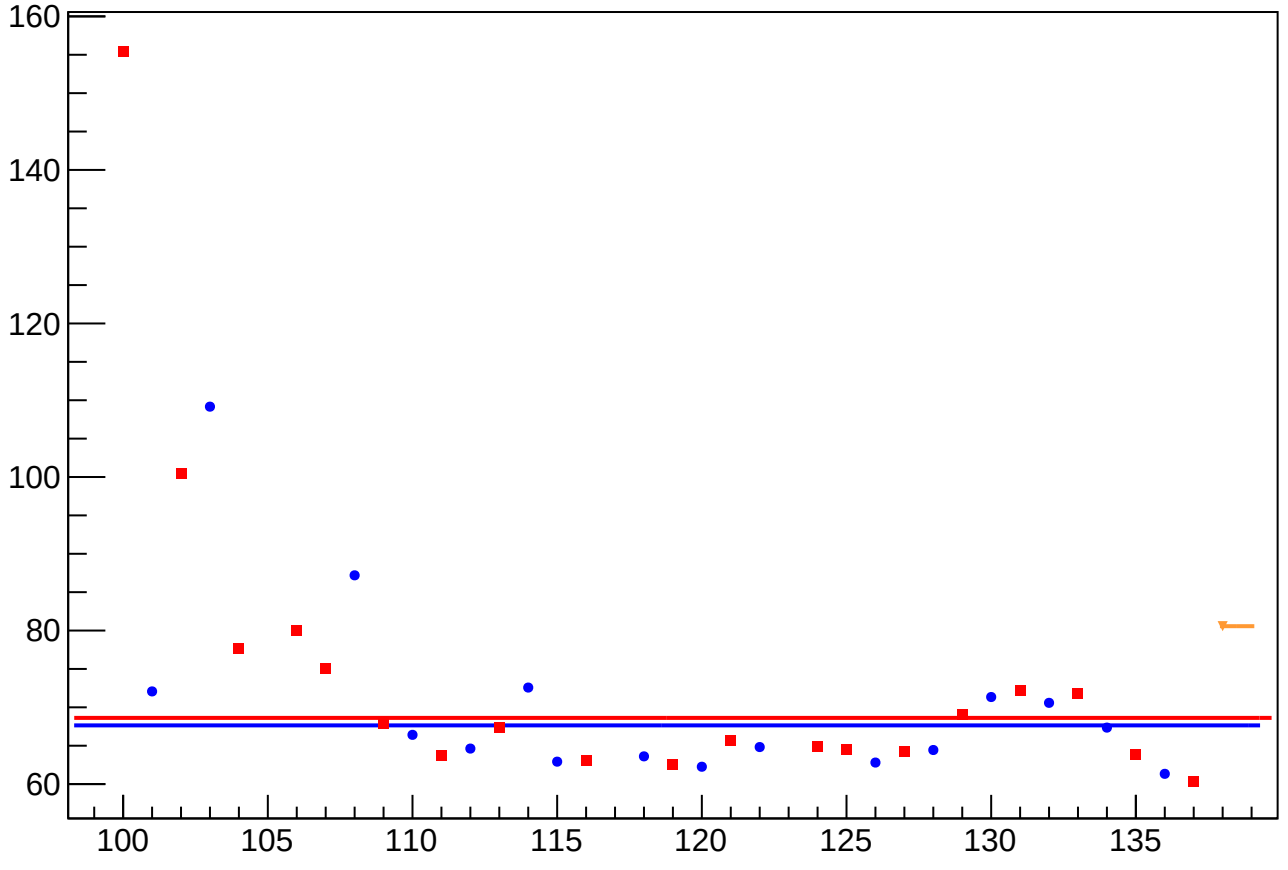
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -205.285+/-24.604 χ^2/NDF: 20.0/16

All: -41.633+/-17.701 χ^2/NDF: 148.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 67.647+/-0.018 χ^2/NDF: 263669.9/15

Left Out: 80.569+/-0.065 χ^2/NDF:0.0/0

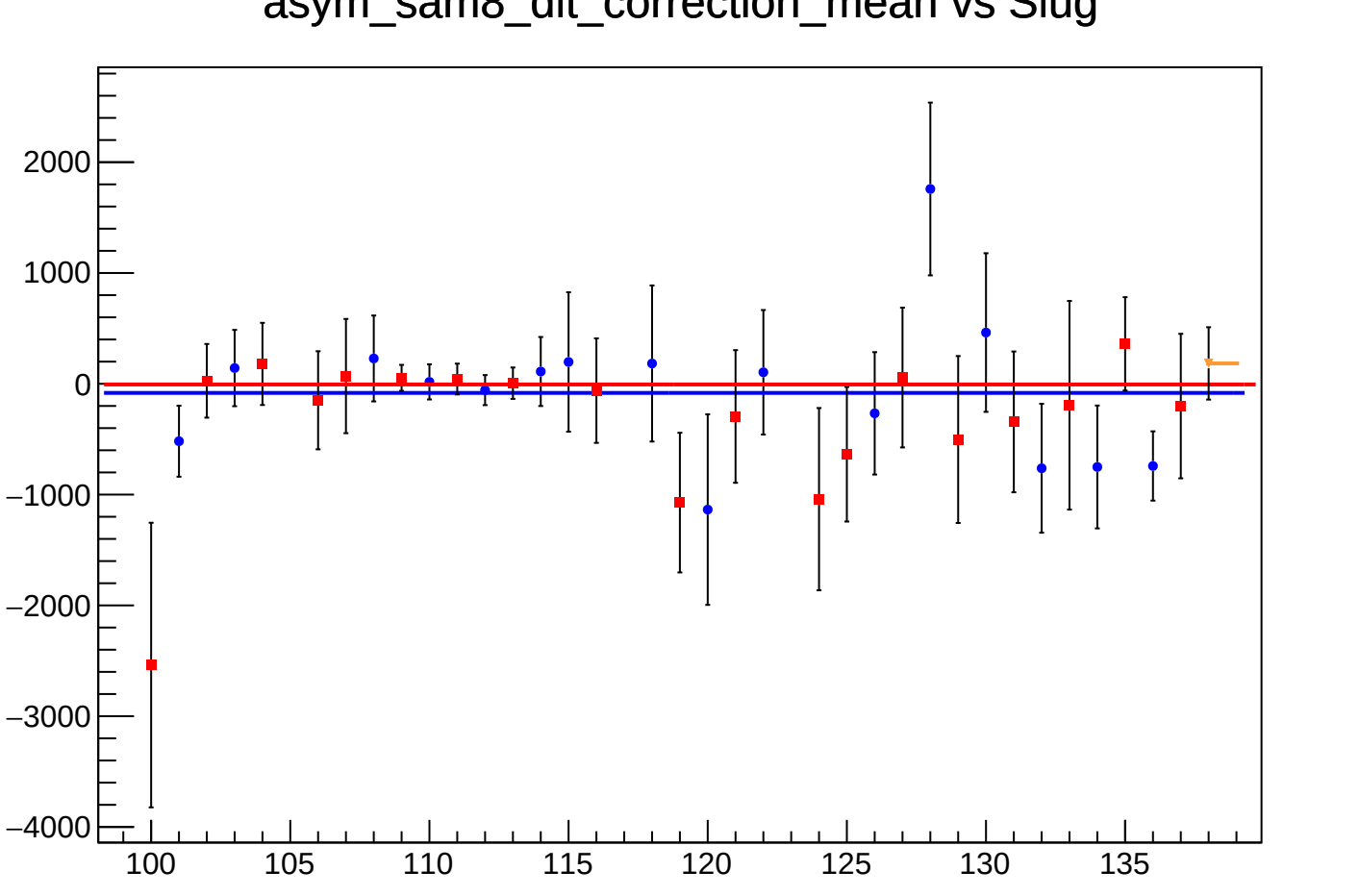
Right Out: 68.624+/-0.018 χ^2/NDF: 248164.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 68.561+/-0.017 χ^2/NDF: 299923.1/16

All: 68.592+/-0.013 χ^2/NDF: 548093.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -82.228+/-78.676 χ^2/NDF: 19.2/15

Left Out: 184.075+/-326.542 χ^2/NDF:0.0/0

Right Out: -6.063+/-65.910 χ^2/NDF: 12.0/18

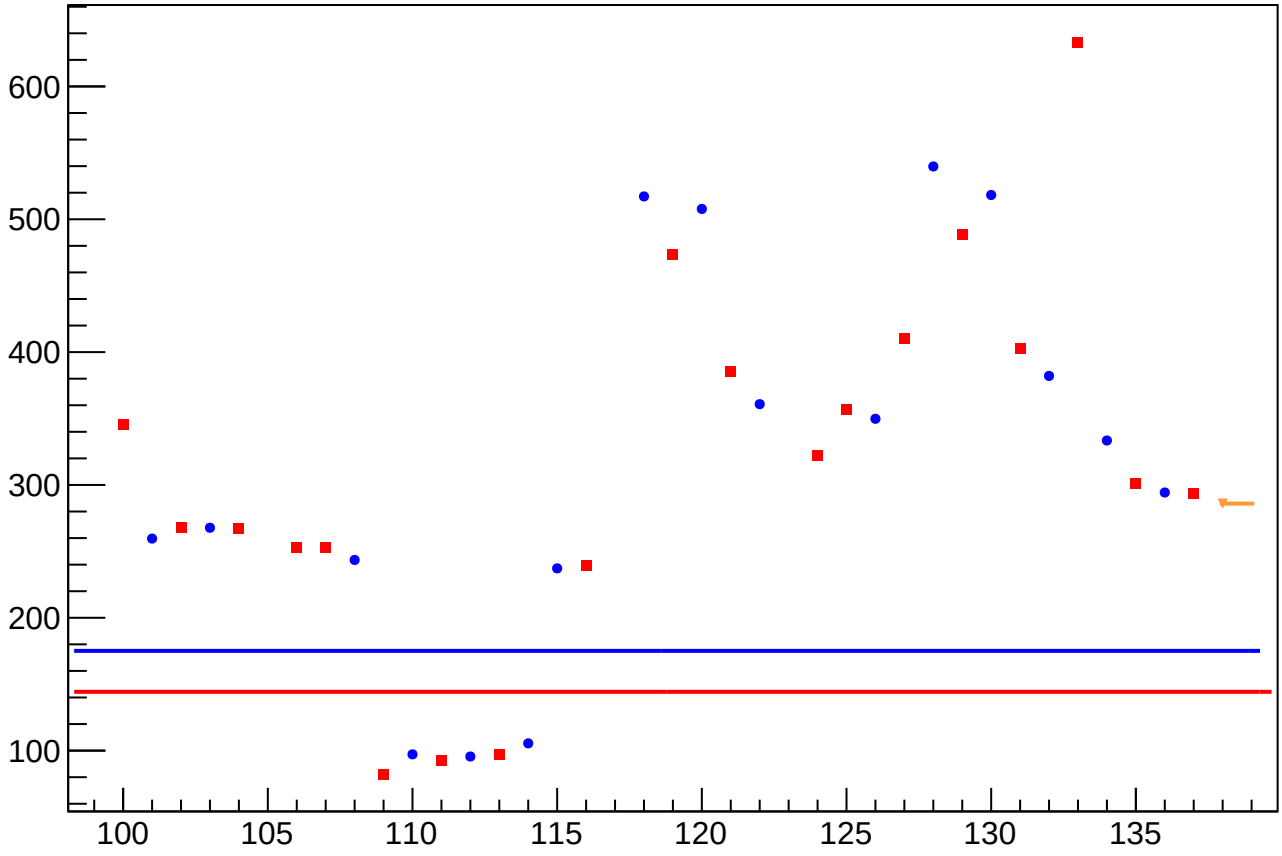
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -67.617+/-76.487 χ^2/NDF: 19.8/16

All: -32.293+/-49.930 χ^2/NDF: 32.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 175.099+/-0.056 χ^2/NDF: 4429076.5/15

Left Out: 285.951+/-0.231 χ^2/NDF:0.0/0

Right Out: 144.276+/-0.047 χ^2/NDF: 5132432.2/18

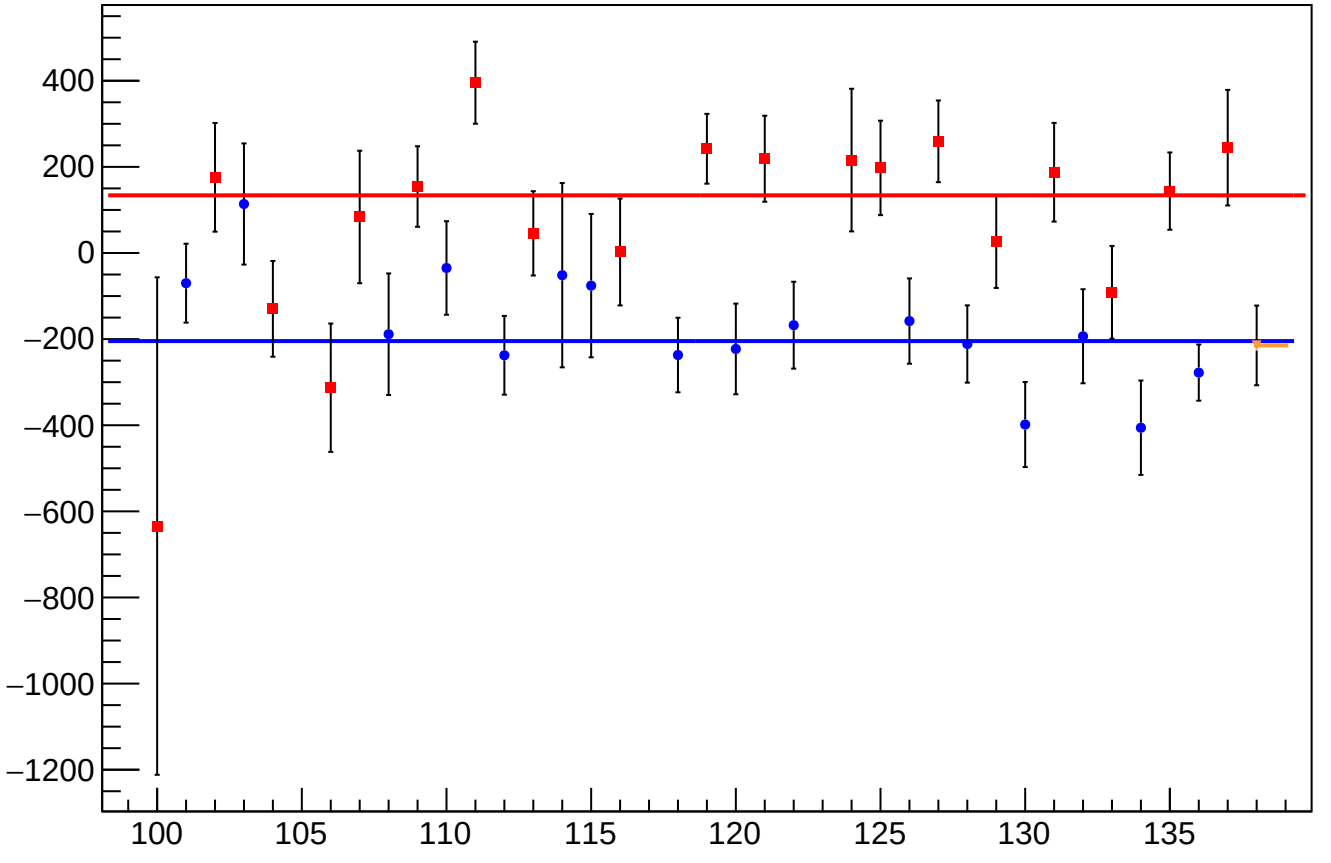
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 181.181+/-0.054 χ^2/NDF: 4646911.5/16

All: 160.003+/-0.035 χ^2/NDF: 10046546.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -204.577+/-25.523 χ^2/NDF: 20.0/15

Left Out: -214.595+/-92.517 χ^2/NDF:0.0/0

Right Out: 133.926+/-25.483 χ^2/NDF: 37.2/18

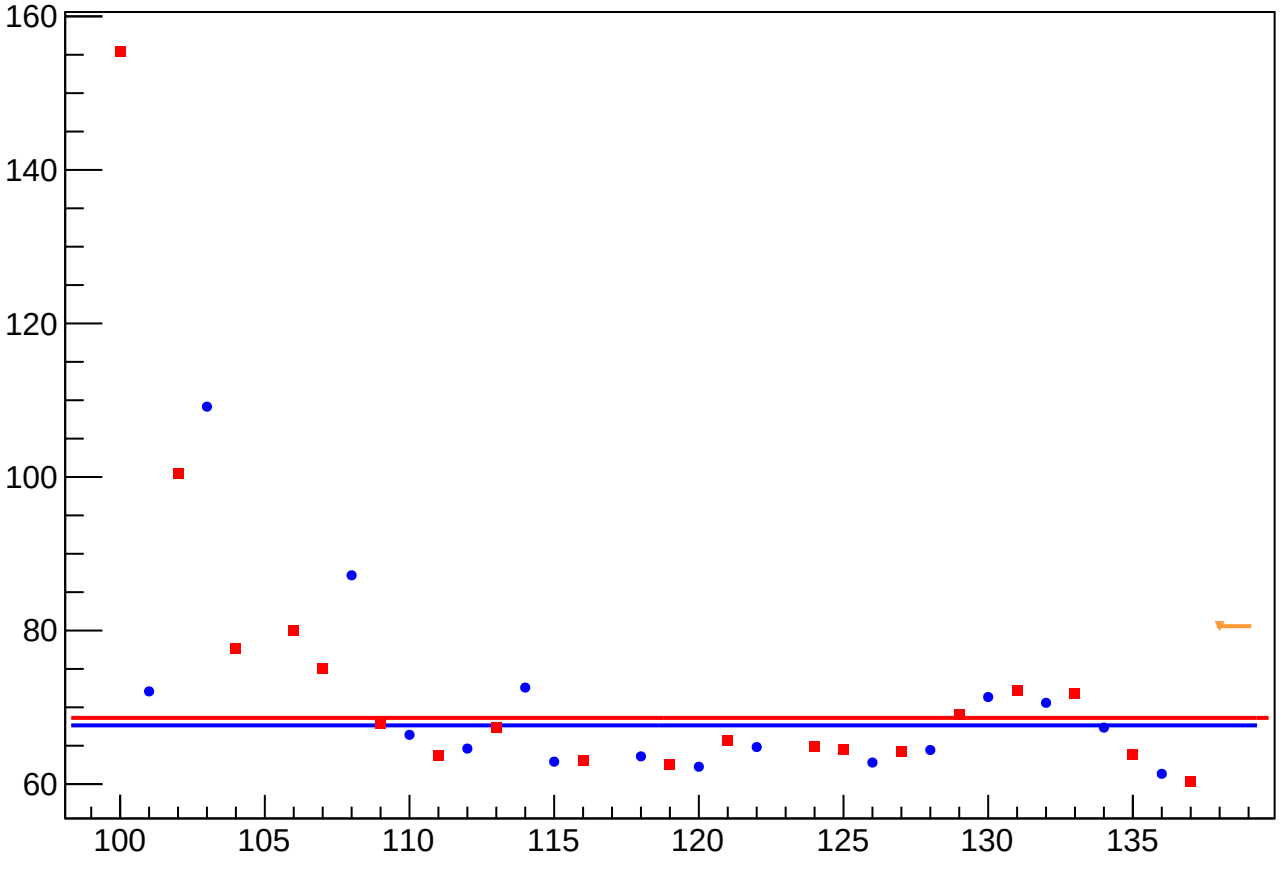
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -205.285+/-24.604 χ^2/NDF: 20.0/16

All: -41.632+/-17.700 χ^2/NDF: 148.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 67.647+/-0.018 χ^2/NDF: 263668.9/15

Left Out: 80.569+/-0.065 χ^2/NDF:0.0/0

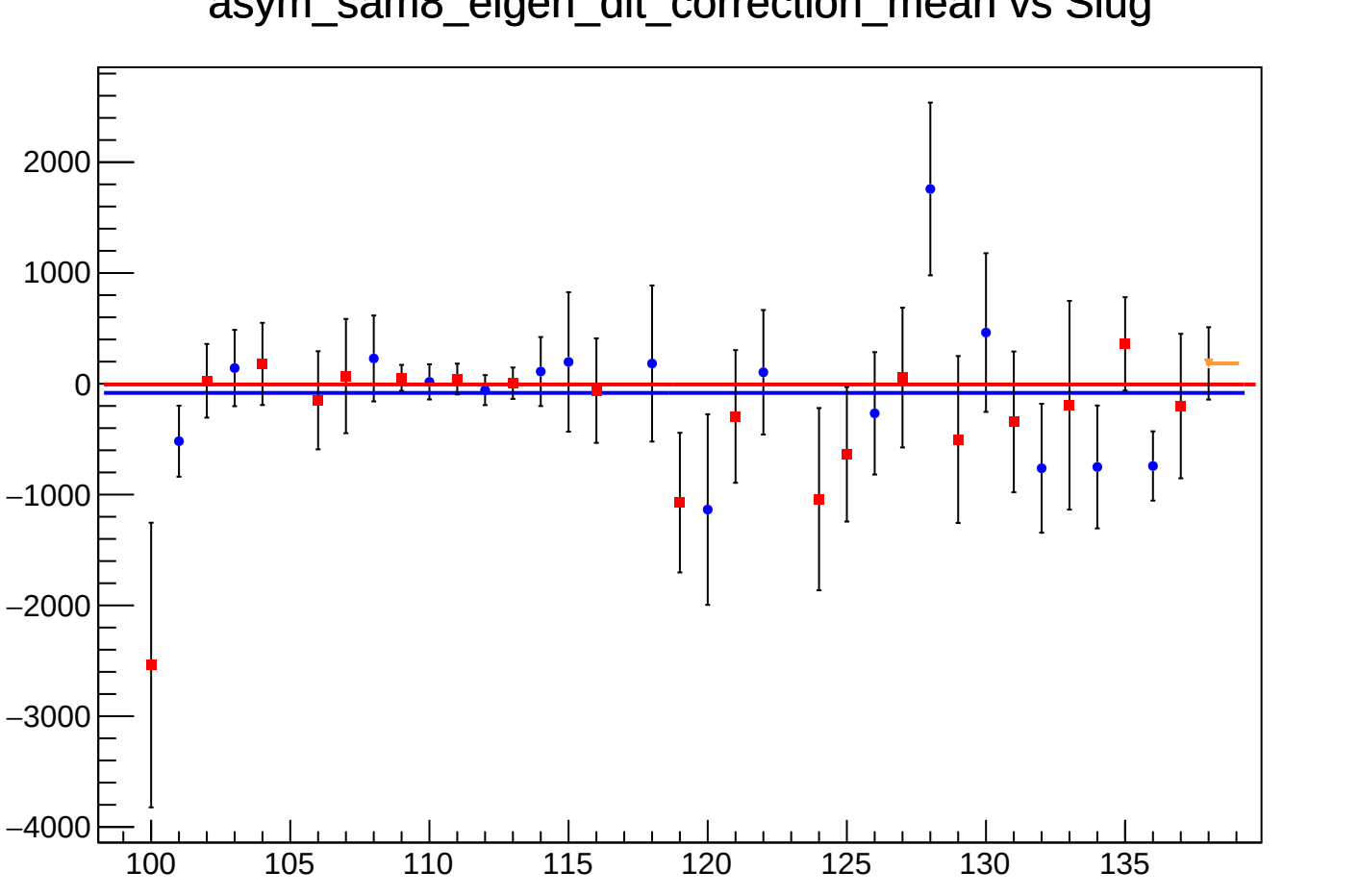
Right Out: 68.624+/-0.018 χ^2/NDF: 248166.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 68.561+/-0.017 χ^2/NDF: 299922.3/16

All: 68.591+/-0.013 χ^2/NDF: 548094.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -82.226+/-78.675 χ^2/NDF: 19.2/15

Left Out: 184.071+/-326.539 χ^2/NDF:0.0/0

Right Out: -6.062+/-65.910 χ^2/NDF: 12.0/18

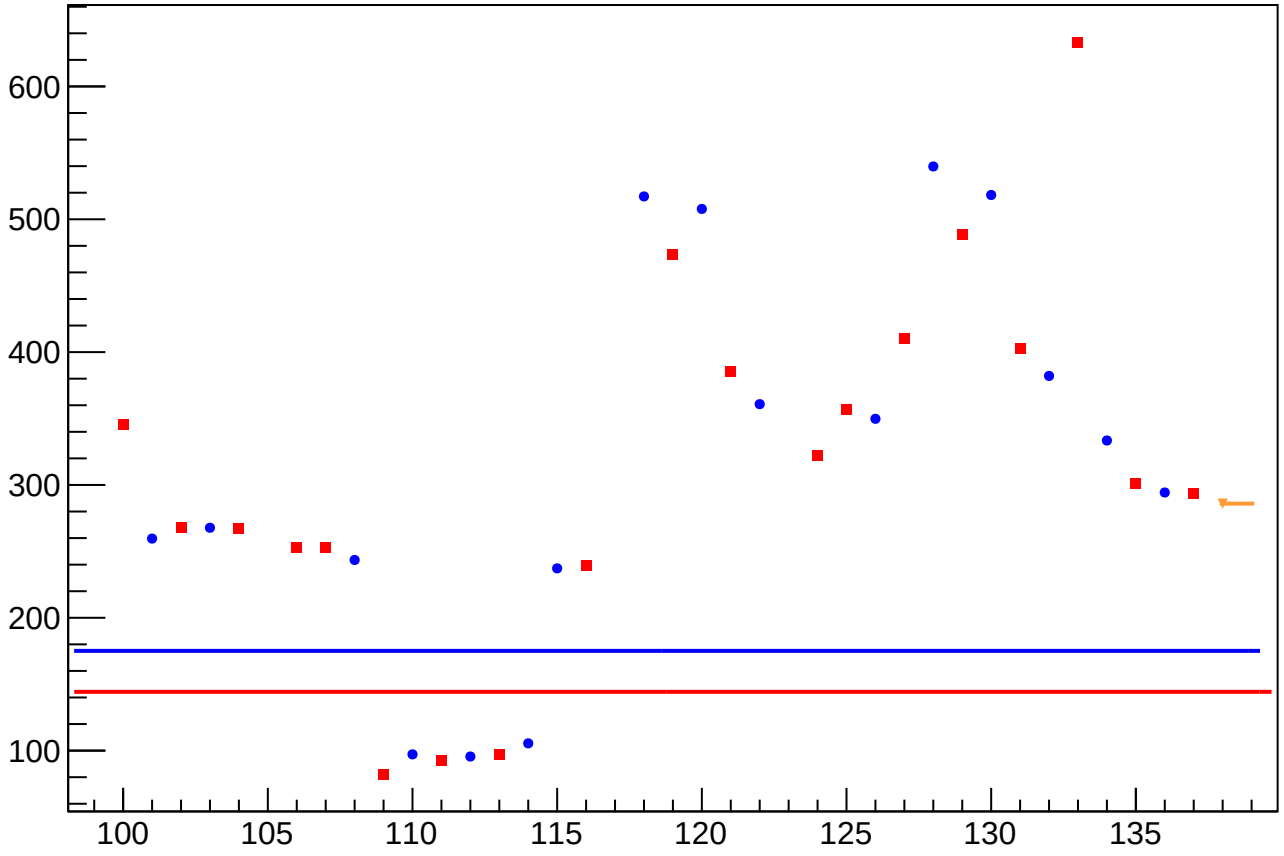
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -67.616+/-76.487 χ^2/NDF: 19.8/16

All: -32.292+/-49.930 χ^2/NDF: 32.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 175.098+/-0.056 χ^2/NDF: 4429098.4/15

Left Out: 285.949+/-0.231 χ^2/NDF:0.0/0

Right Out: 144.276+/-0.047 χ^2/NDF: 5132412.3/18

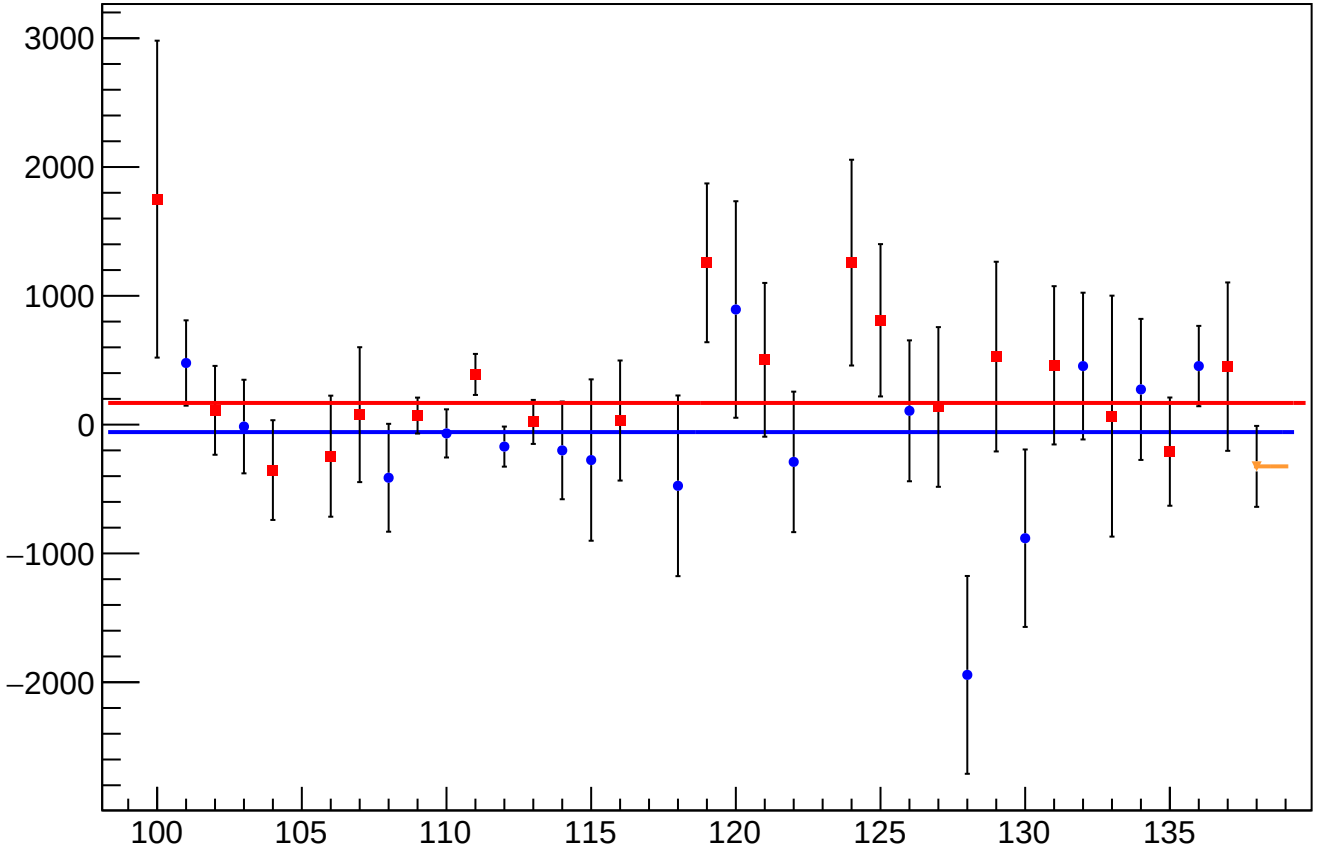
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 181.180+/-0.054 χ^2/NDF: 4646934.3/16

All: 160.002+/-0.035 χ^2/NDF: 10046535.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_mean vs Slug



Right In: -57.970+/-86.890 χ^2/NDF: 17.4/15

Left Out: -324.150+/-314.208 χ^2/NDF:0.0/0

Right Out: 168.322+/-74.598 χ^2/NDF: 15.5/18

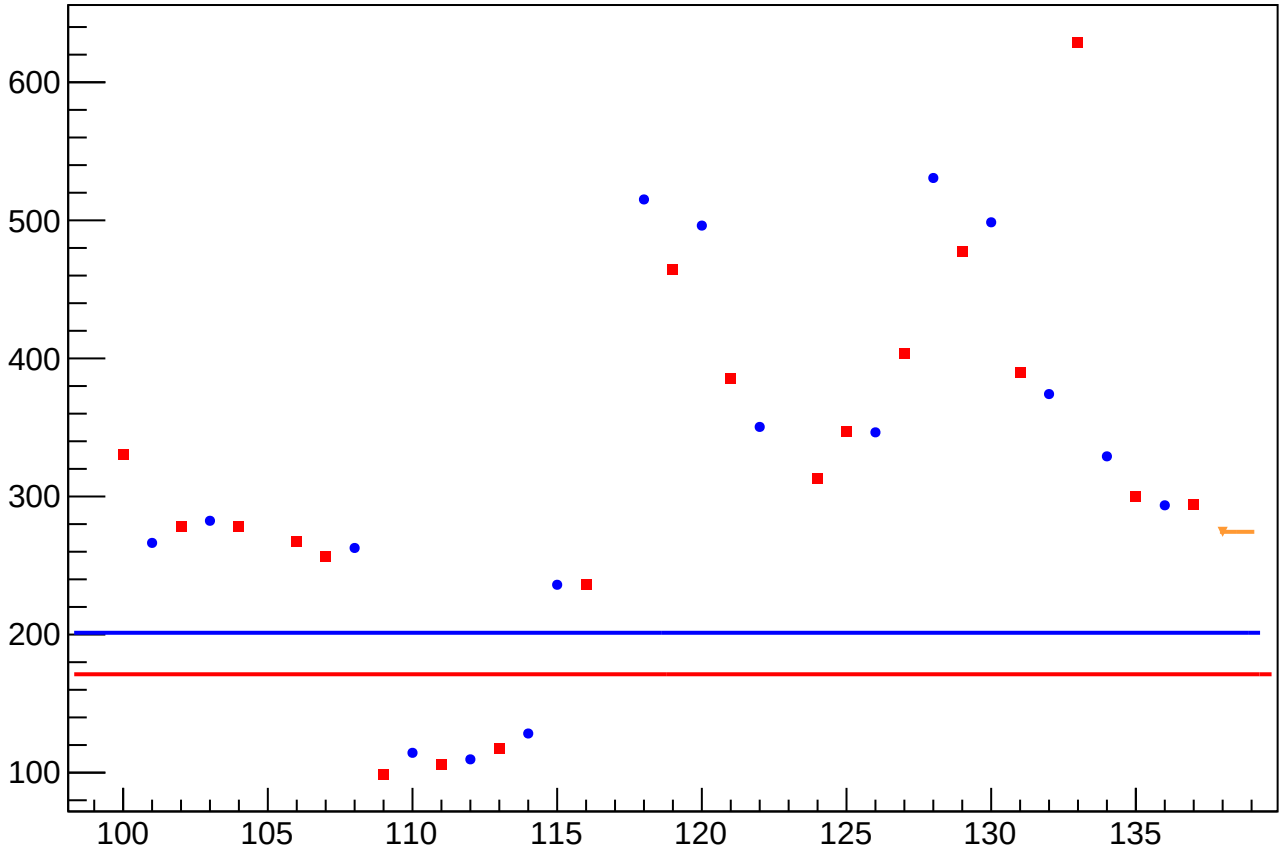
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -76.880+/-83.747 χ^2/NDF: 18.0/16

All: 59.842+/-55.704 χ^2/NDF: 38.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_rms vs Slug



Right In: 201.301+/-0.061 χ^2/NDF: 3572199.4/15

Left Out: 274.412+/-0.222 χ^2/NDF:0.0/0

Right Out: 171.252+/-0.053 χ^2/NDF: 4192554.2/18

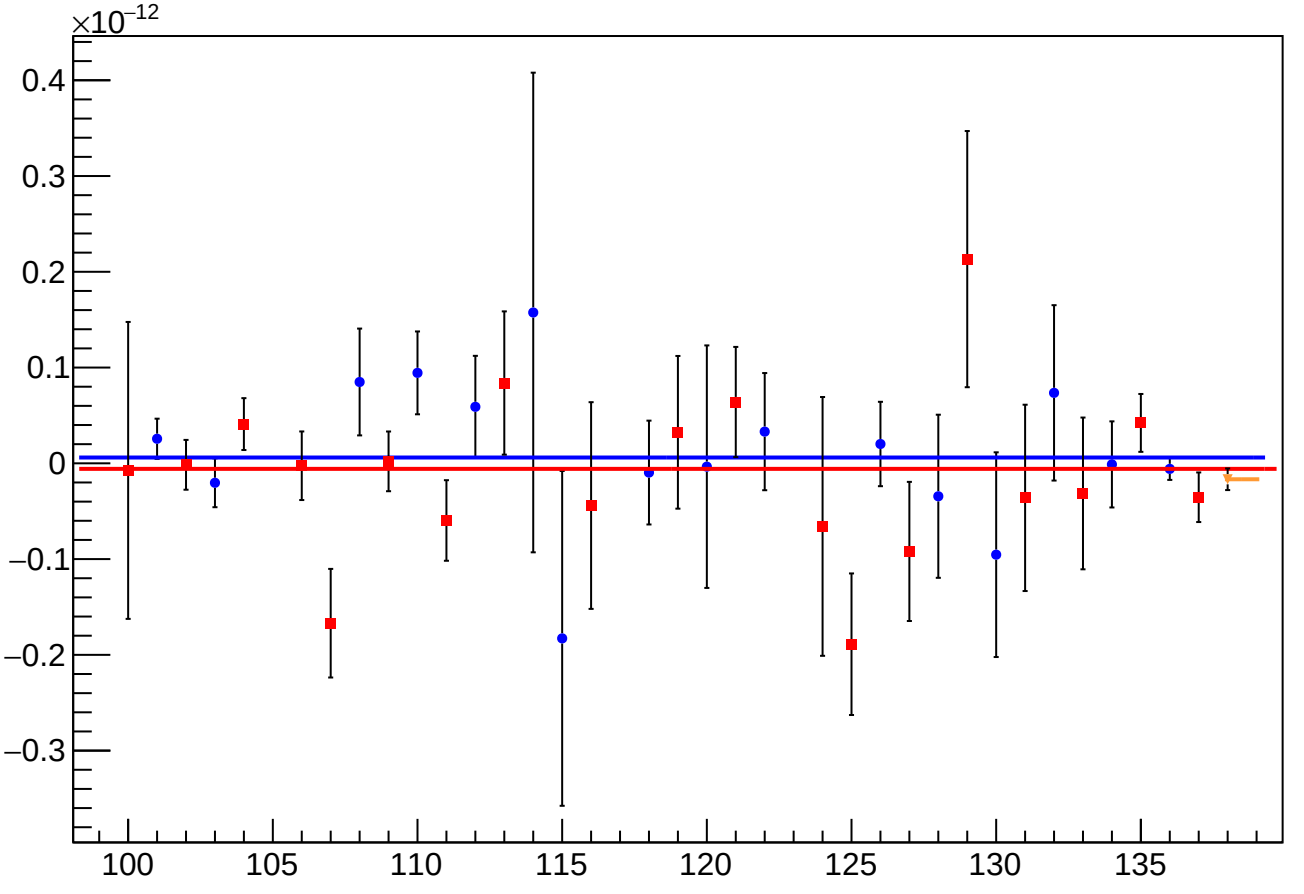
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 206.495+/-0.059 χ^2/NDF: 3672787.6/16

All: 186.844+/-0.039 χ^2/NDF: 8062839.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 13.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

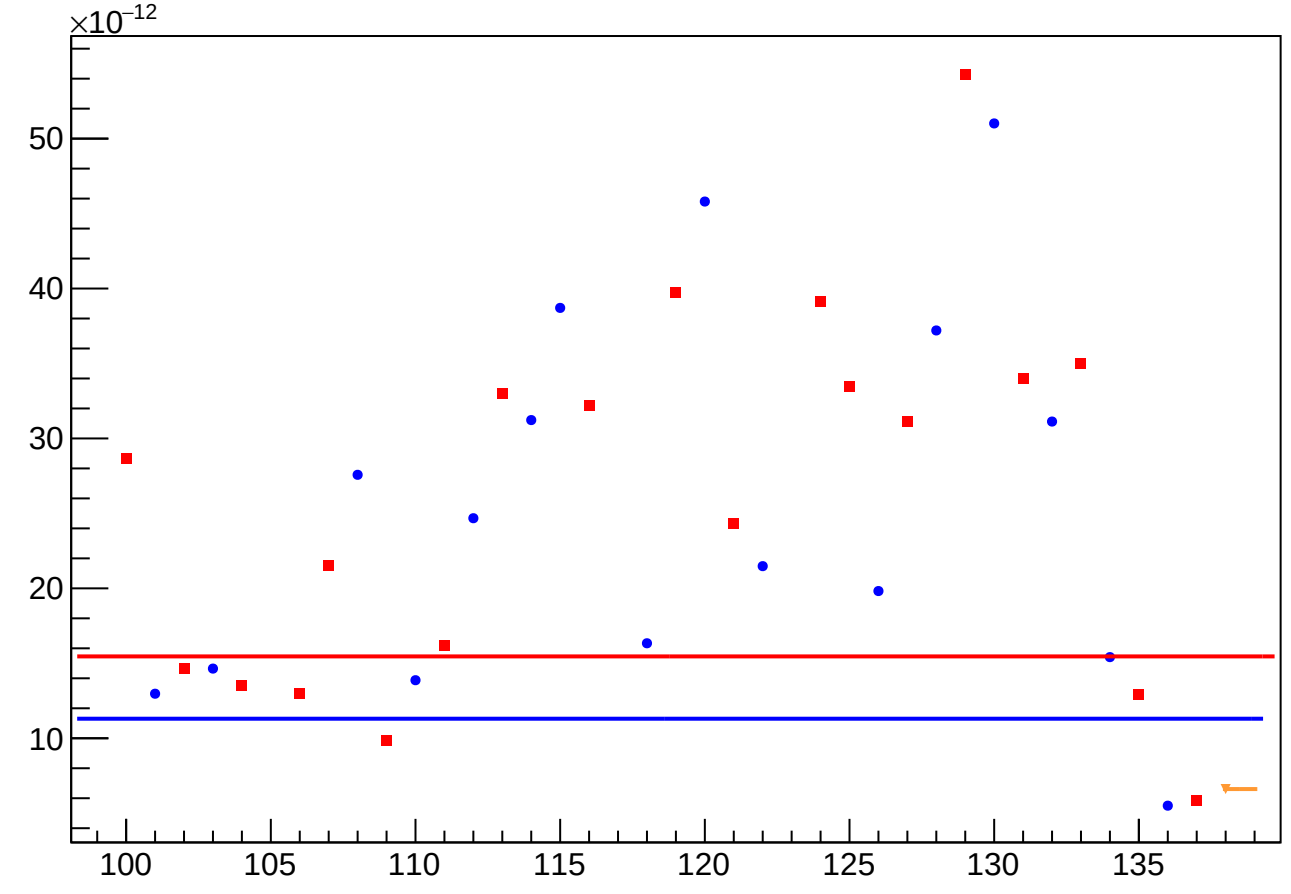
Right Out: -0.000+/-0.000 χ^2/NDF: 30.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.4/16

All: -0.000+/-0.000 χ^2/NDF: 47.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1788731.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1442096.6/18

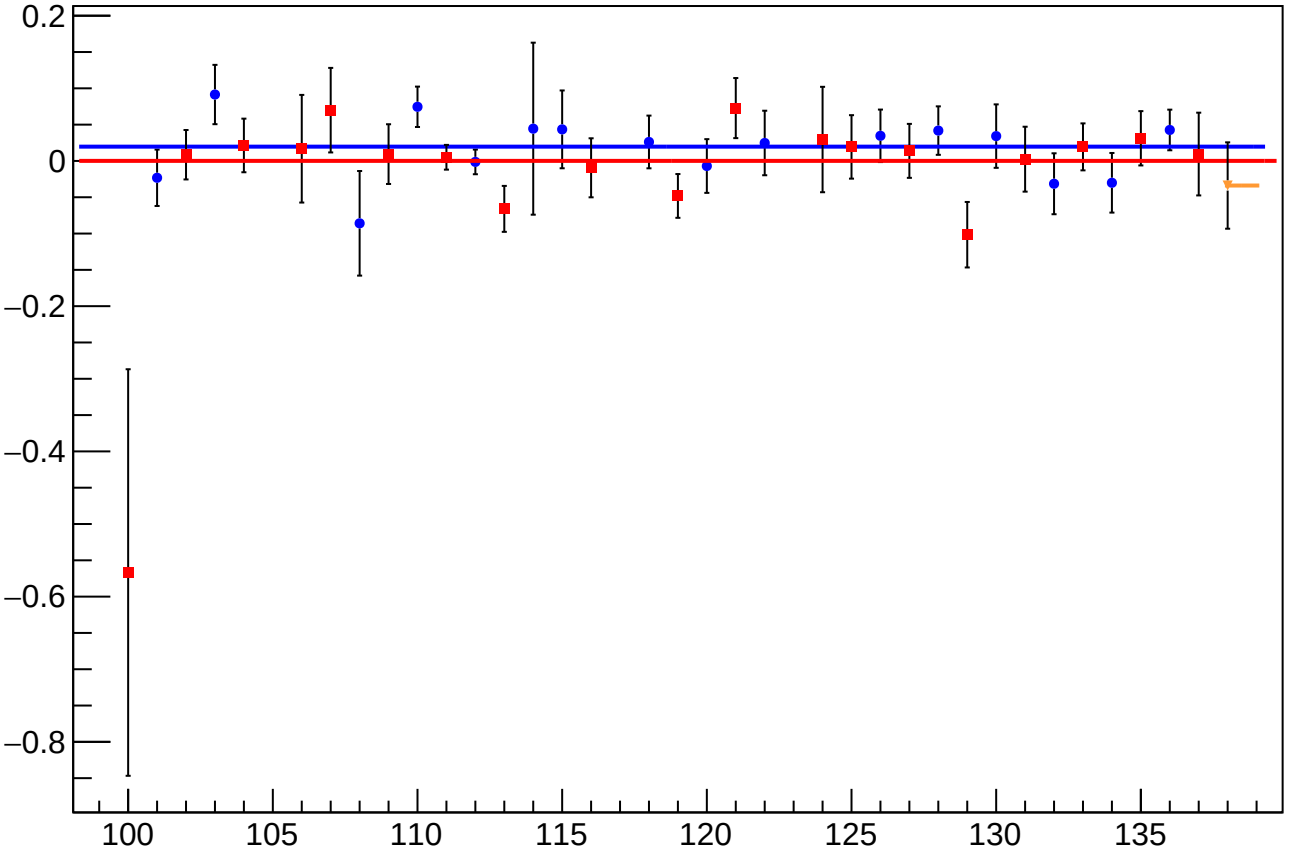
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2013999.6/16

All: 0.000+/-0.000 χ^2/NDF: 3908889.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.009 χ^2/NDF: 17.0/15

Left Out: -0.034+/-0.059 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.009 χ^2/NDF: 22.8/18

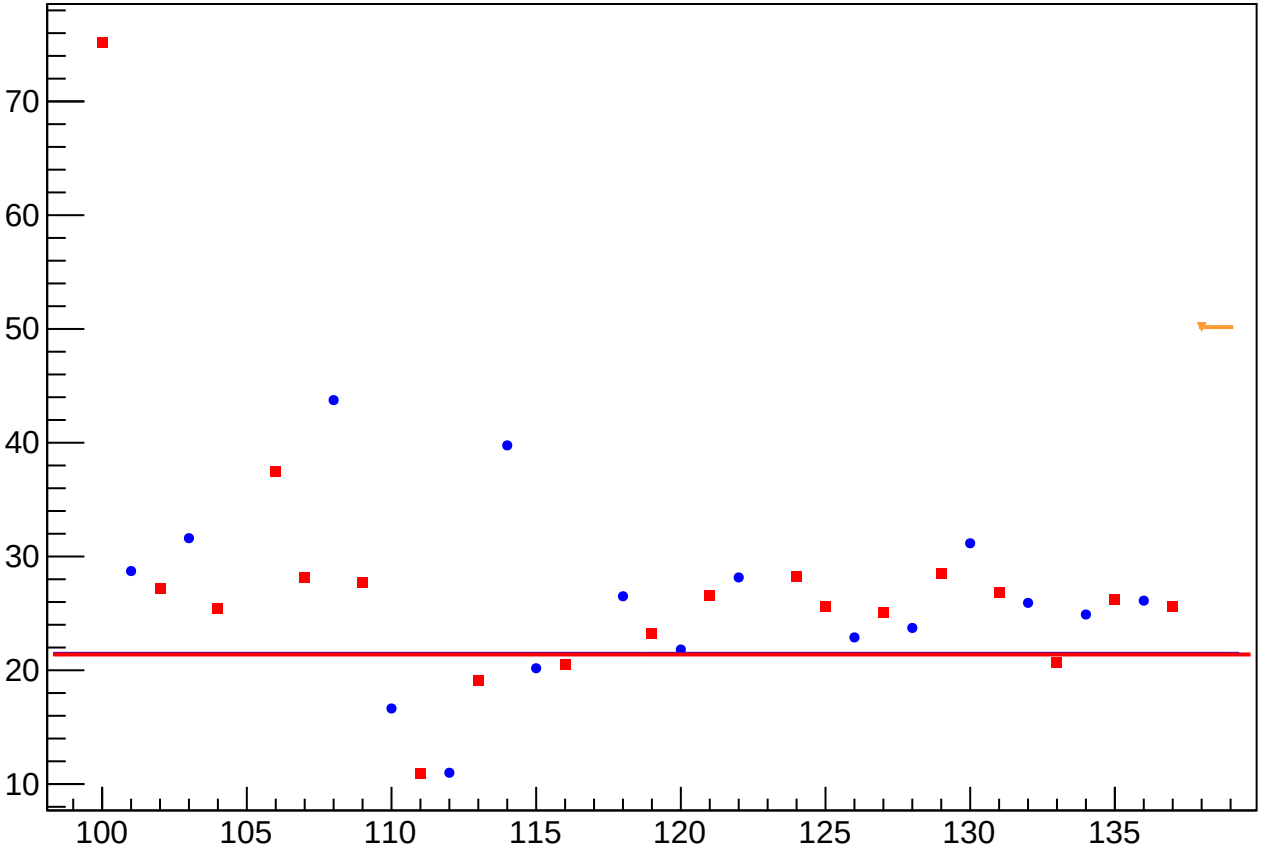
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.009 χ^2/NDF: 17.8/16

All: 0.009+/-0.006 χ^2/NDF: 43.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 21.444+/-0.006 χ^2/NDF: 1540713.8/15

Left Out: 50.161+/-0.042 χ^2/NDF:0.0/0

Right Out: 21.389+/-0.006 χ^2/NDF: 1311934.3/18

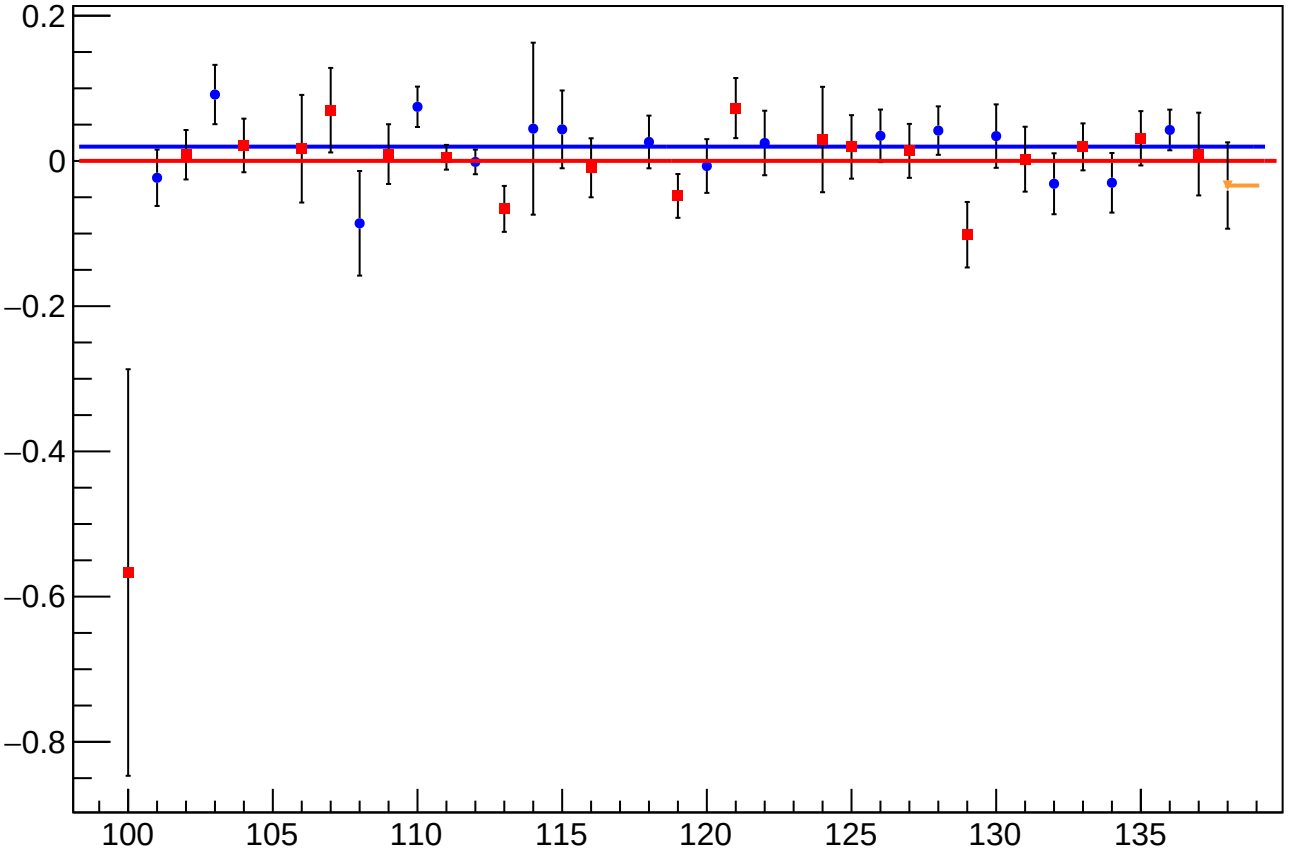
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.043+/-0.006 χ^2/NDF: 1997179.2/16

All: 21.713+/-0.004 χ^2/NDF: 3314956.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.009 χ^2/NDF: 17.0/15

Left Out: -0.034+/-0.059 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.009 χ^2/NDF: 22.8/18

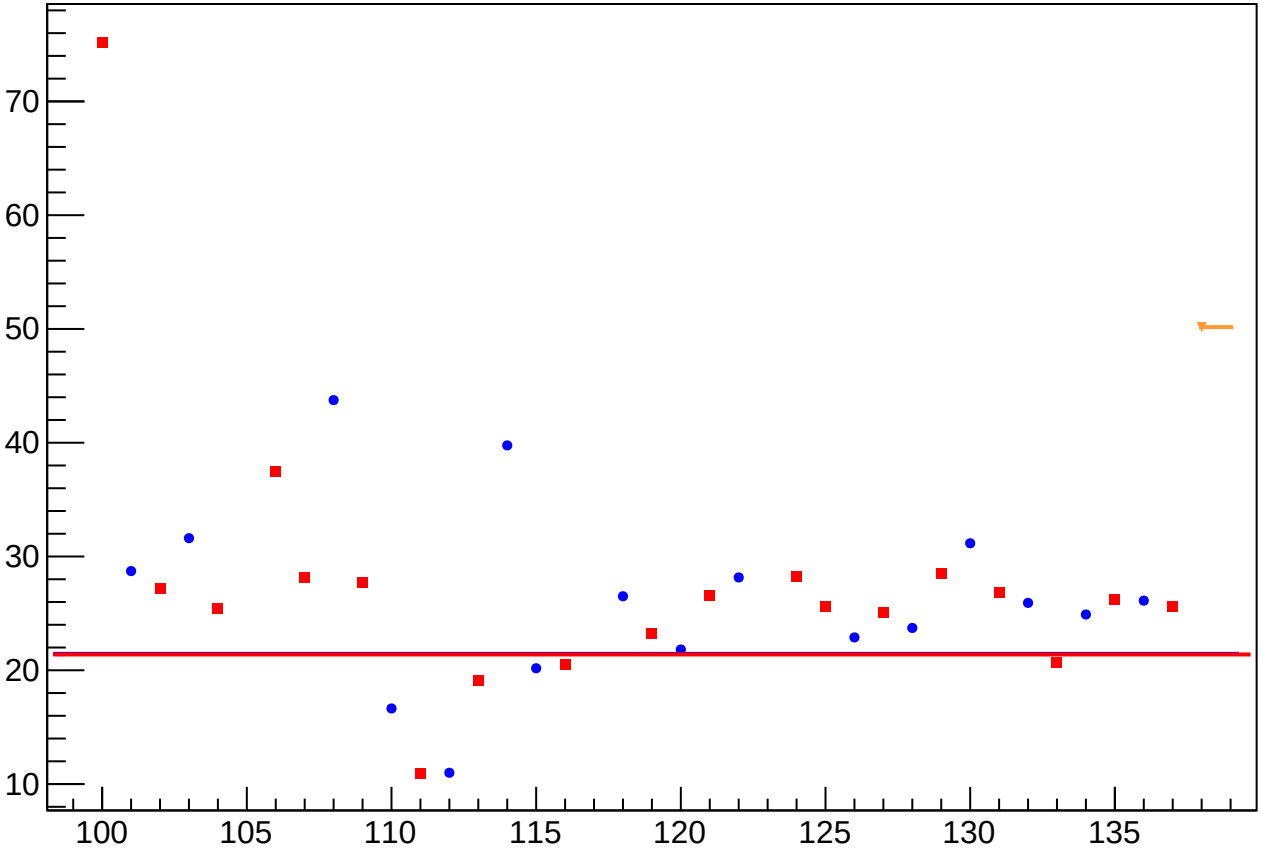
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.009 χ^2/NDF: 17.8/16

All: 0.009+/-0.006 χ^2/NDF: 43.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.444+/-0.006 χ^2/NDF: 1540713.8/15

Left Out: 50.161+/-0.042 χ^2/NDF:0.0/0

Right Out: 21.389+/-0.006 χ^2/NDF: 1311934.3/18

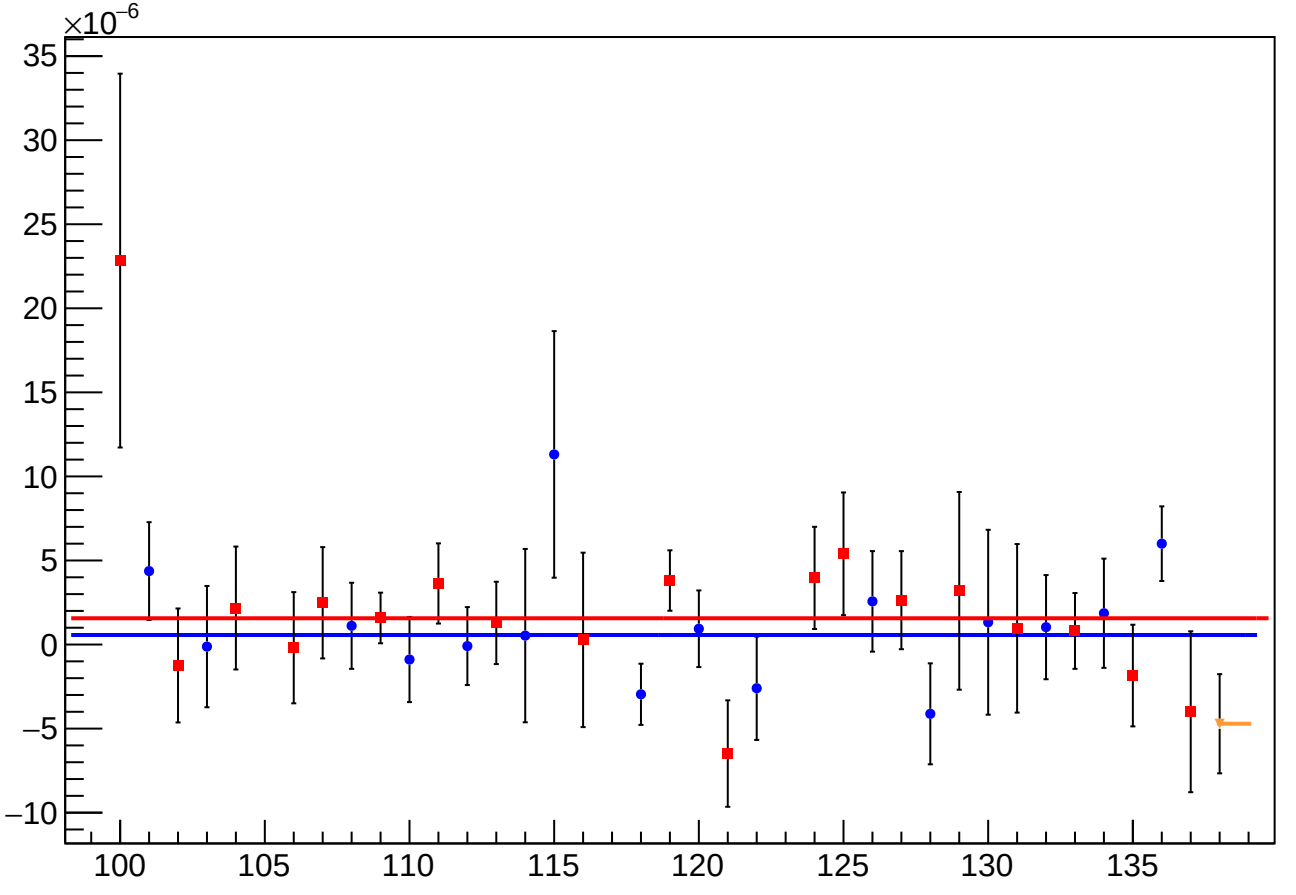
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.043+/-0.006 χ^2/NDF: 1997179.2/16

All: 21.713+/-0.004 χ^2/NDF: 3314956.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 18.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 18.3/18

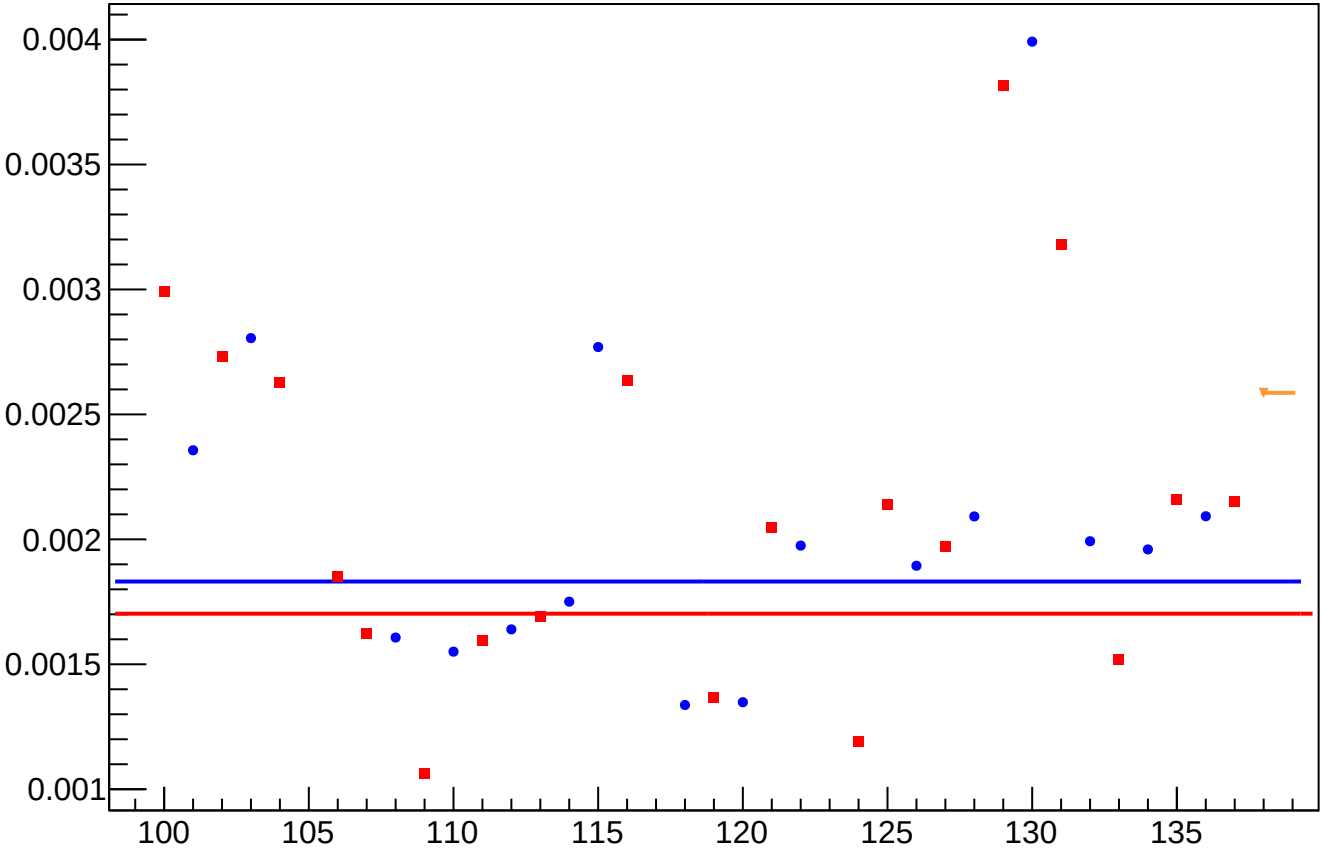
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 21.3/16

All: 0.000+/-0.000 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 900406.1/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF: 1478057.9/18

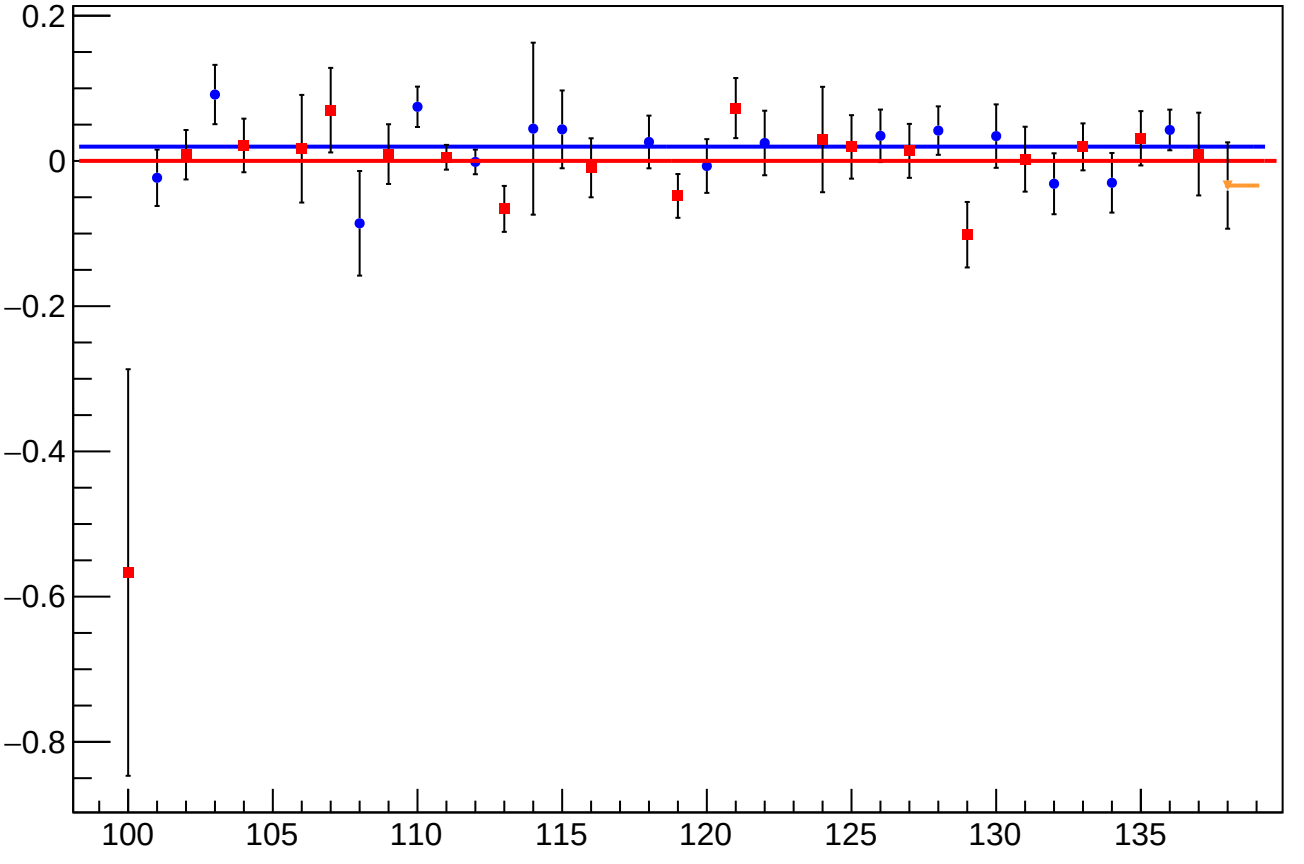
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 1024333.0/16

All: 0.002+/-0.000 χ^2/NDF: 2565923.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.009 χ^2/NDF: 17.0/15

Left Out: -0.034+/-0.059 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.009 χ^2/NDF: 22.8/18

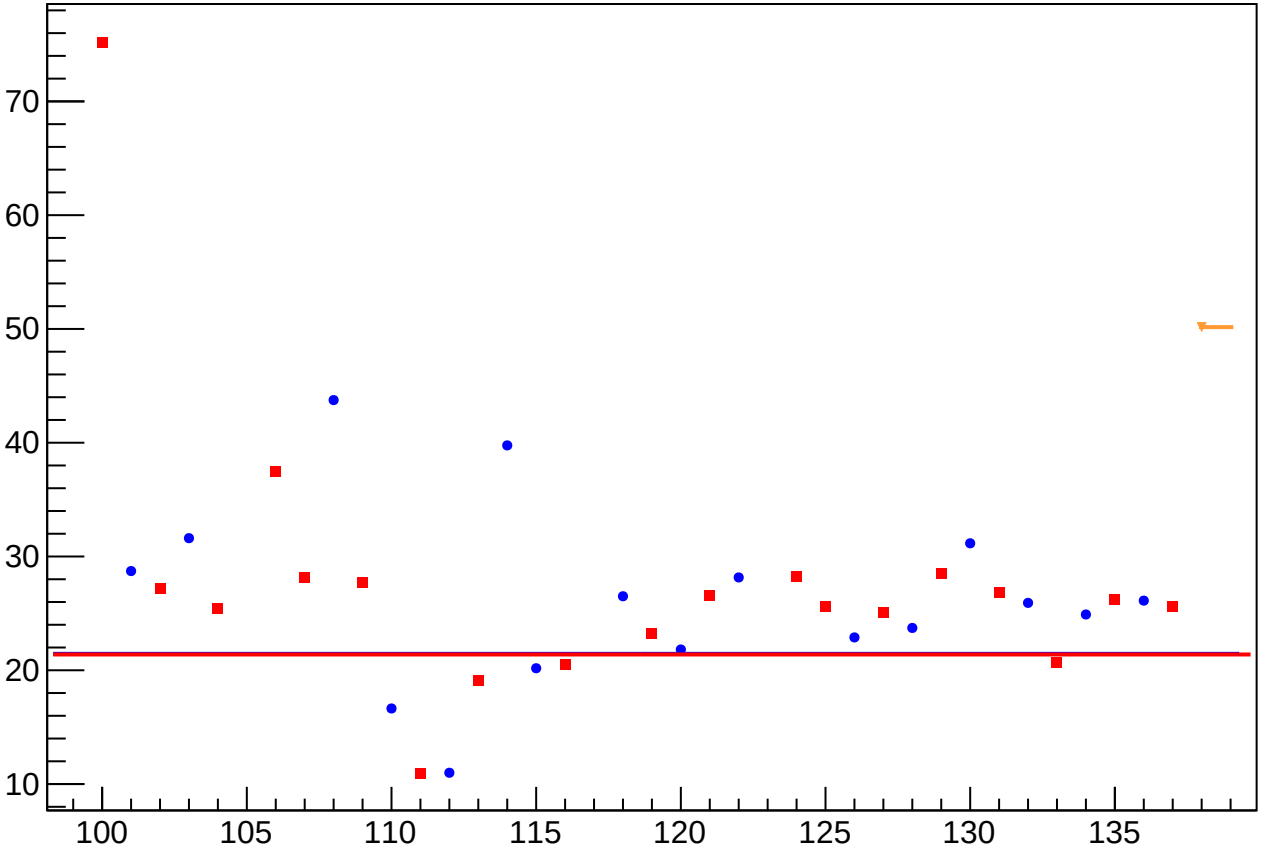
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.009 χ^2/NDF: 17.8/16

All: 0.009+/-0.006 χ^2/NDF: 43.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.443+/-0.006 χ^2/NDF: 1540859.8/15

Left Out: 50.161+/-0.042 χ^2/NDF:0.0/0

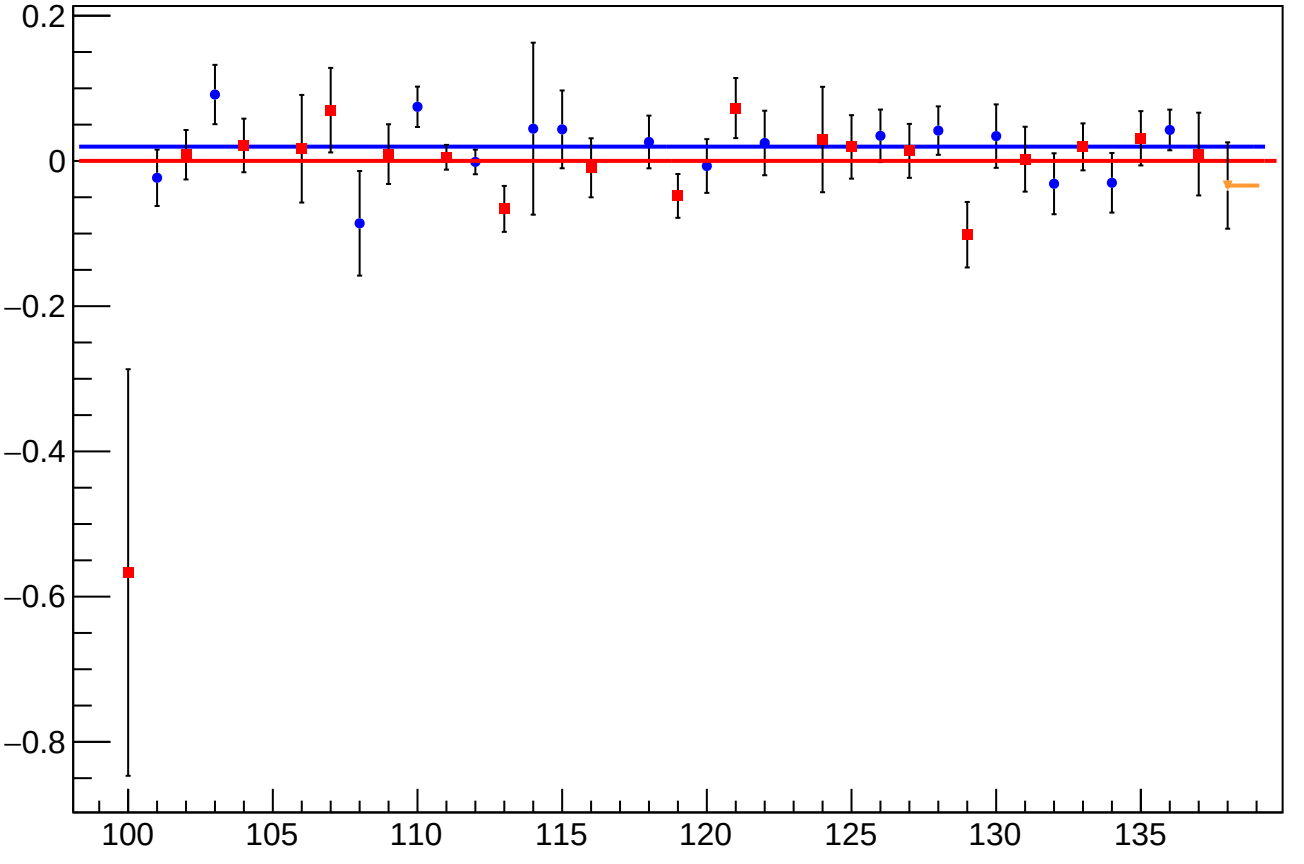
Right Out: 21.389+/-0.006 χ^2/NDF: 1312055.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.042+/-0.006 χ^2/NDF: 1997340.9/16

All: 21.712+/-0.004 χ^2/NDF: 3315239.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.020+/-0.009 χ^2/NDF: 17.0/15

Left Out: -0.034+/-0.059 χ^2/NDF:0.0/0

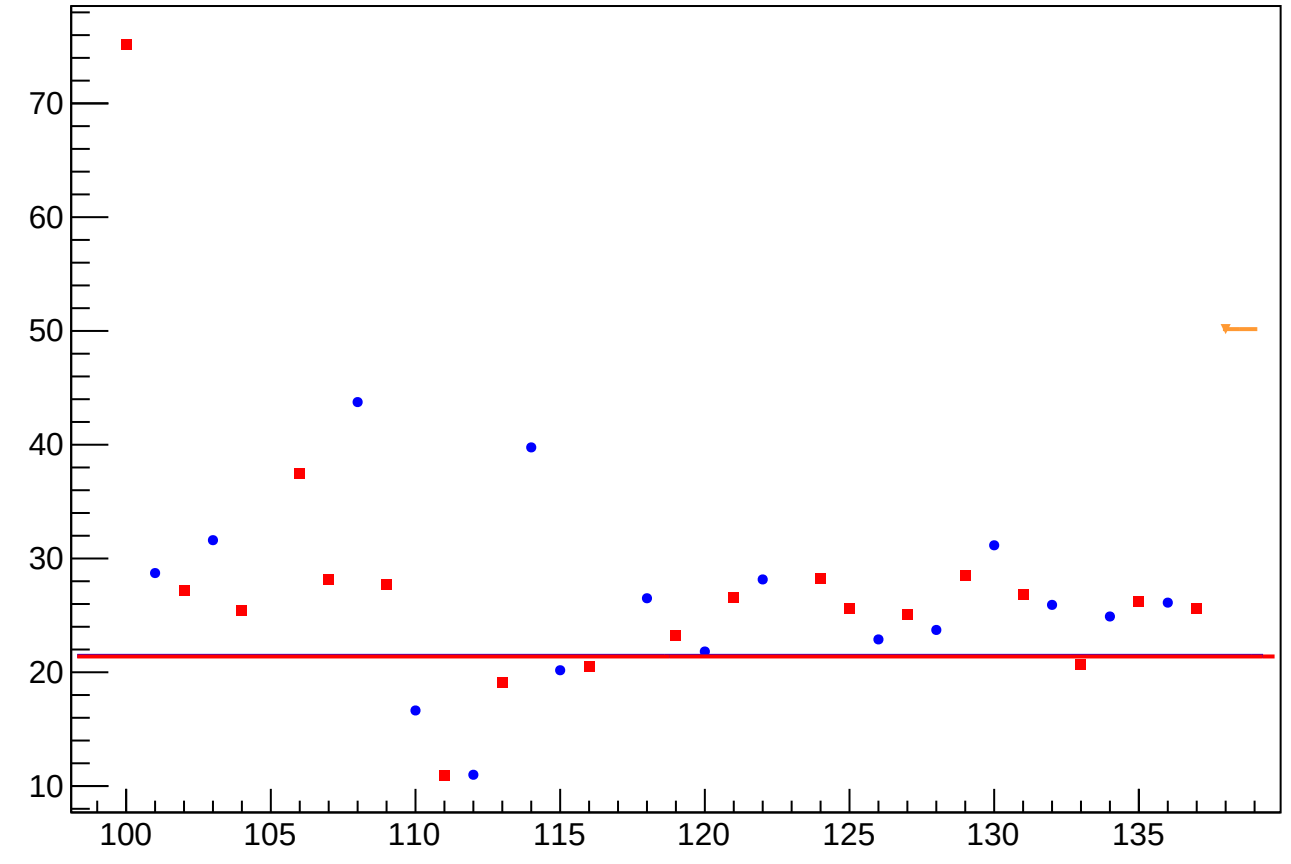
Right Out: 0.000+/-0.009 χ^2/NDF: 22.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.009 χ^2/NDF: 17.8/16

All: 0.009+/-0.006 χ^2/NDF: 43.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.443+/-0.006 χ^2/NDF: 1540859.8/15

Left Out: 50.161+/-0.042 χ^2/NDF:0.0/0

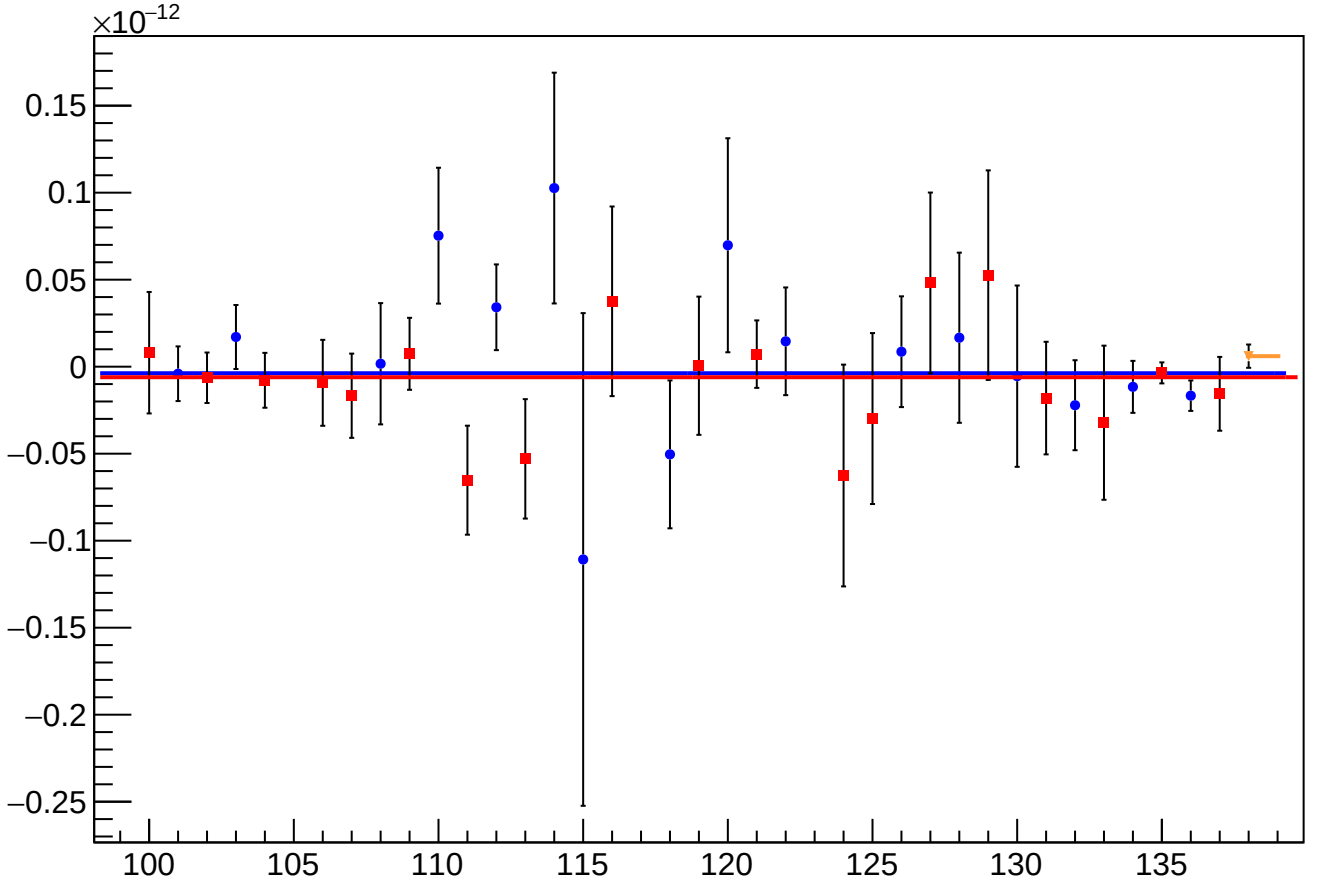
Right Out: 21.389+/-0.006 χ^2/NDF: 1312055.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.042+/-0.006 χ^2/NDF: 1997340.9/16

All: 21.712+/-0.004 χ^2/NDF: 3315239.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

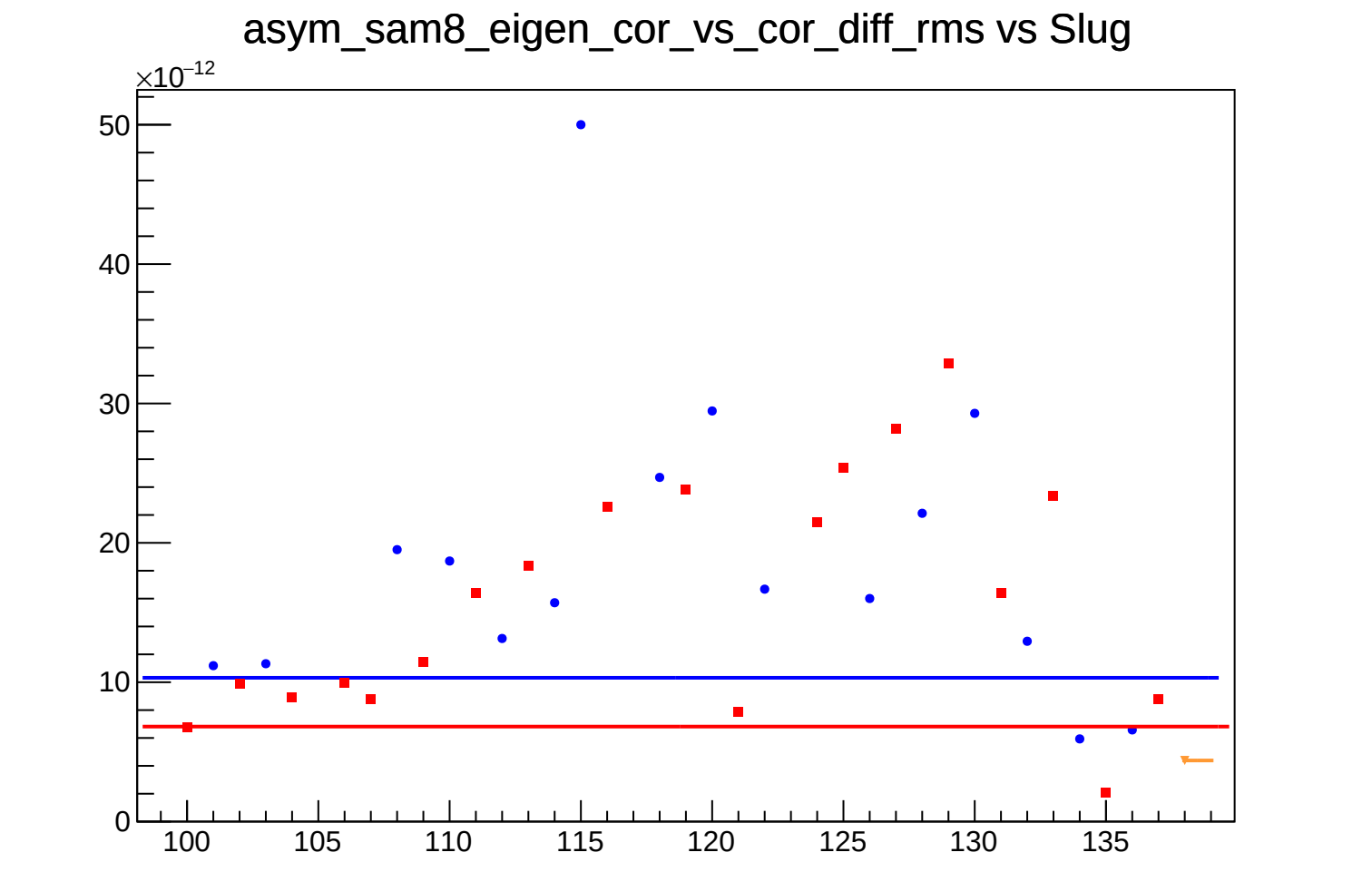
Right Out: -0.000+/-0.000 χ^2/NDF: 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

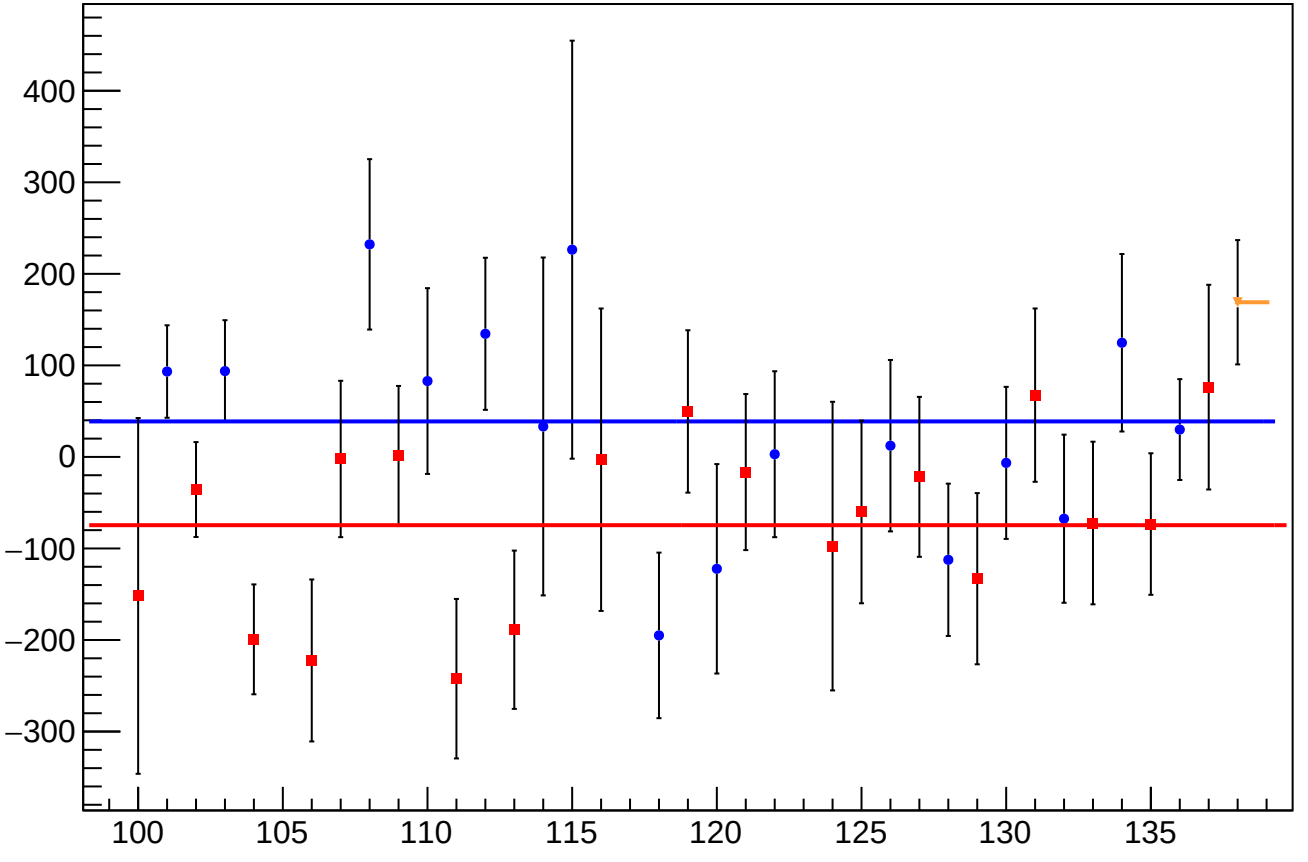
+ sign 0.000+/-0.000 χ^2/NDF: 18.5/16

All: -0.000+/-0.000 χ^2/NDF: 30.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
50
40
30
20
10
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1951308.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 4021812.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2890827.2/16
All: 0.000+/-0.000 χ²/NDF: 6979523.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 38.782+/-20.413 χ^2/NDF: 23.3/15

Left Out: 168.970+/-67.907 χ^2/NDF:0.0/0

Right Out: -74.578+/-19.802 χ^2/NDF: 22.5/18

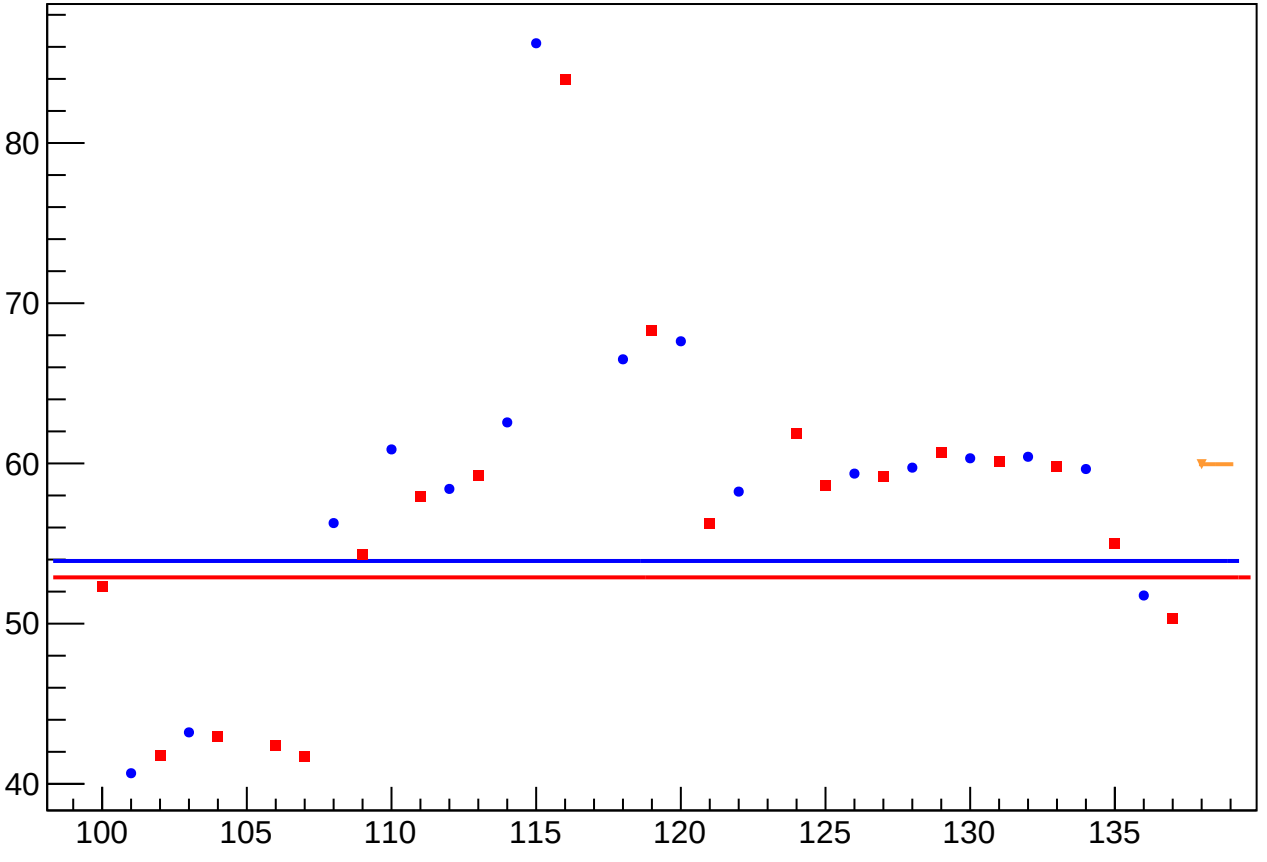
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 49.571+/-19.549 χ^2/NDF: 26.7/16

All: -11.706+/-13.912 χ^2/NDF: 69.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 53.912+/-0.014 χ^2/NDF: 393261.4/15

Left Out: 59.951+/-0.048 χ^2/NDF:0.0/0

Right Out: 52.889+/-0.014 χ^2/NDF: 425226.7/18

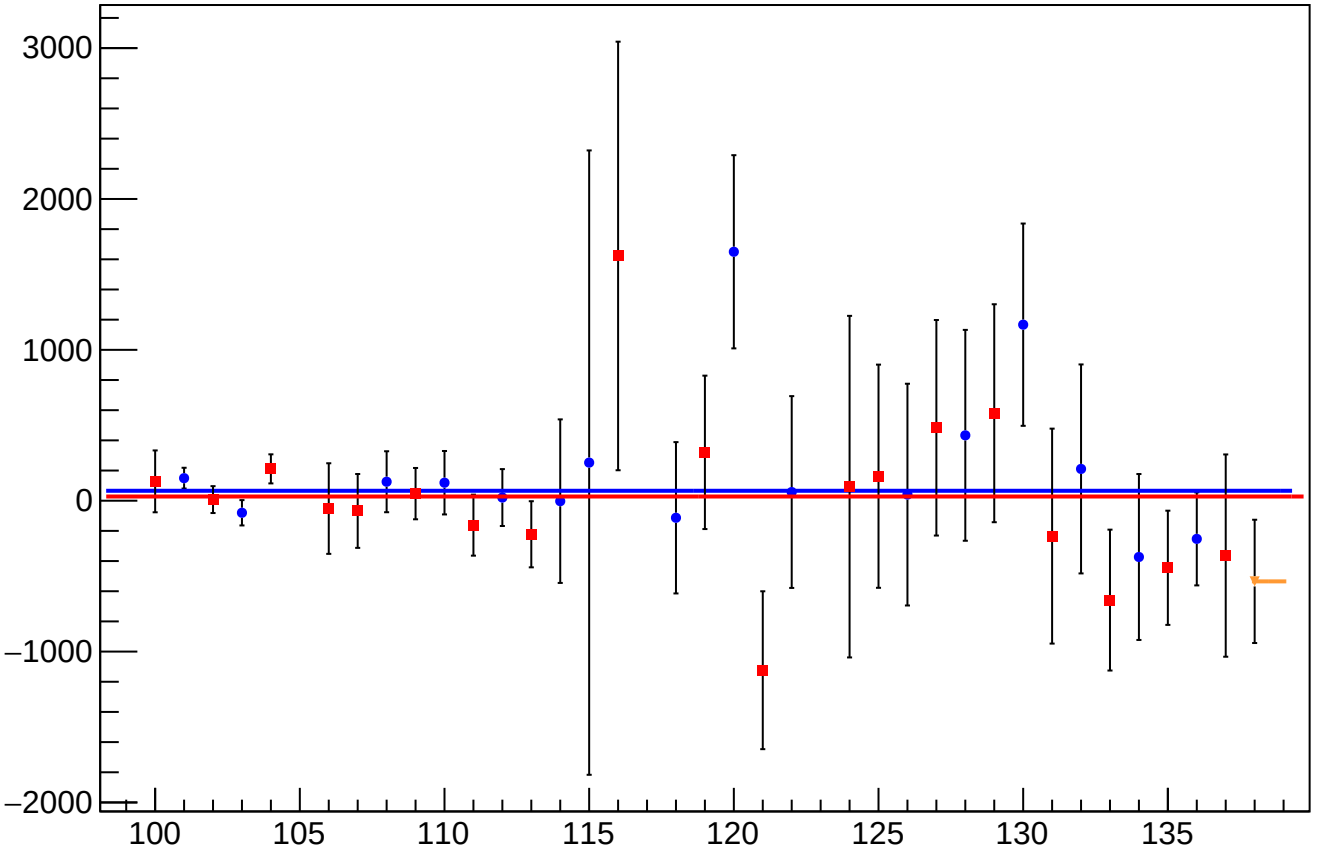
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.413+/-0.014 χ^2/NDF: 407766.6/16

All: 53.661+/-0.010 χ^2/NDF: 838990.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 65.853+/-46.478 χ^2/NDF: 15.7/15

Left Out: -534.681+/-408.564 χ^2/NDF:0.0/0

Right Out: 27.850+/-50.291 χ^2/NDF: 18.0/18

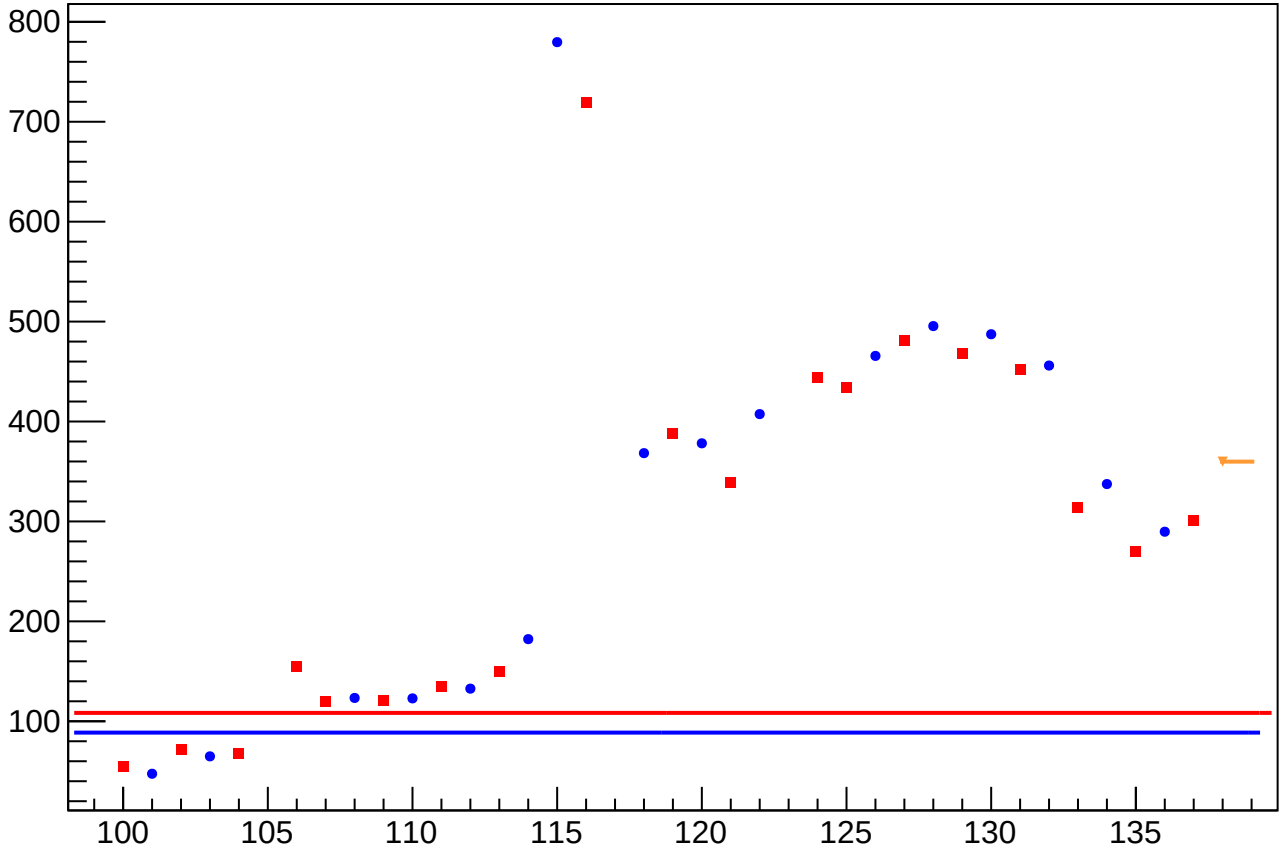
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 58.180+/-46.181 χ^2/NDF: 17.8/16

All: 44.305+/-34.015 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 88.658+/-0.033 χ^2/NDF: 6648055.6/15

Left Out: 359.854+/-0.289 χ^2/NDF:0.0/0

Right Out: 108.385+/-0.036 χ^2/NDF: 5362841.6/18

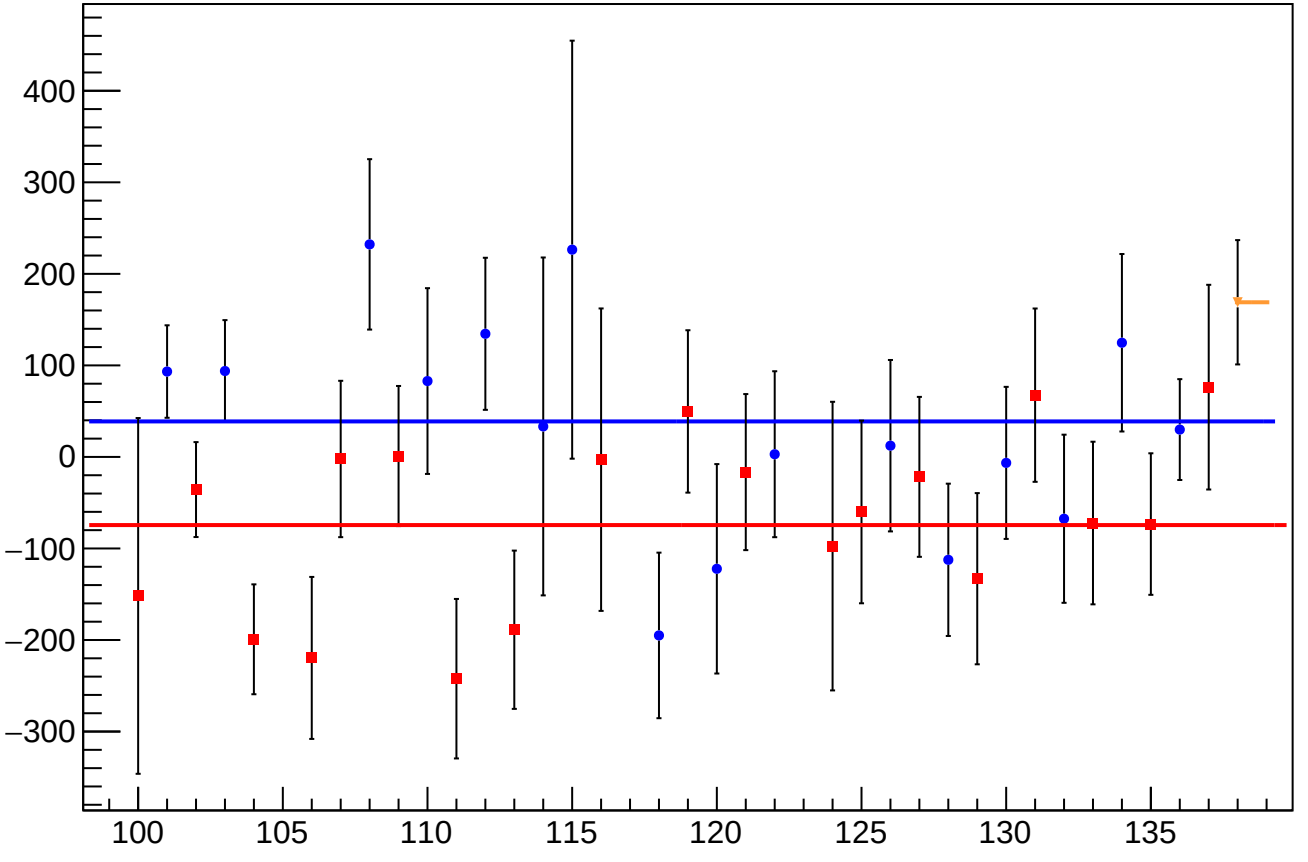
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 92.123+/-0.033 χ^2/NDF: 7518002.8/16

All: 99.562+/-0.024 χ^2/NDF: 12994306.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 38.794+/-20.413 χ^2/NDF: 23.3/15

Left Out: 168.958+/-67.907 χ^2/NDF:0.0/0

Right Out: -74.442+/-19.803 χ^2/NDF: 22.3/18

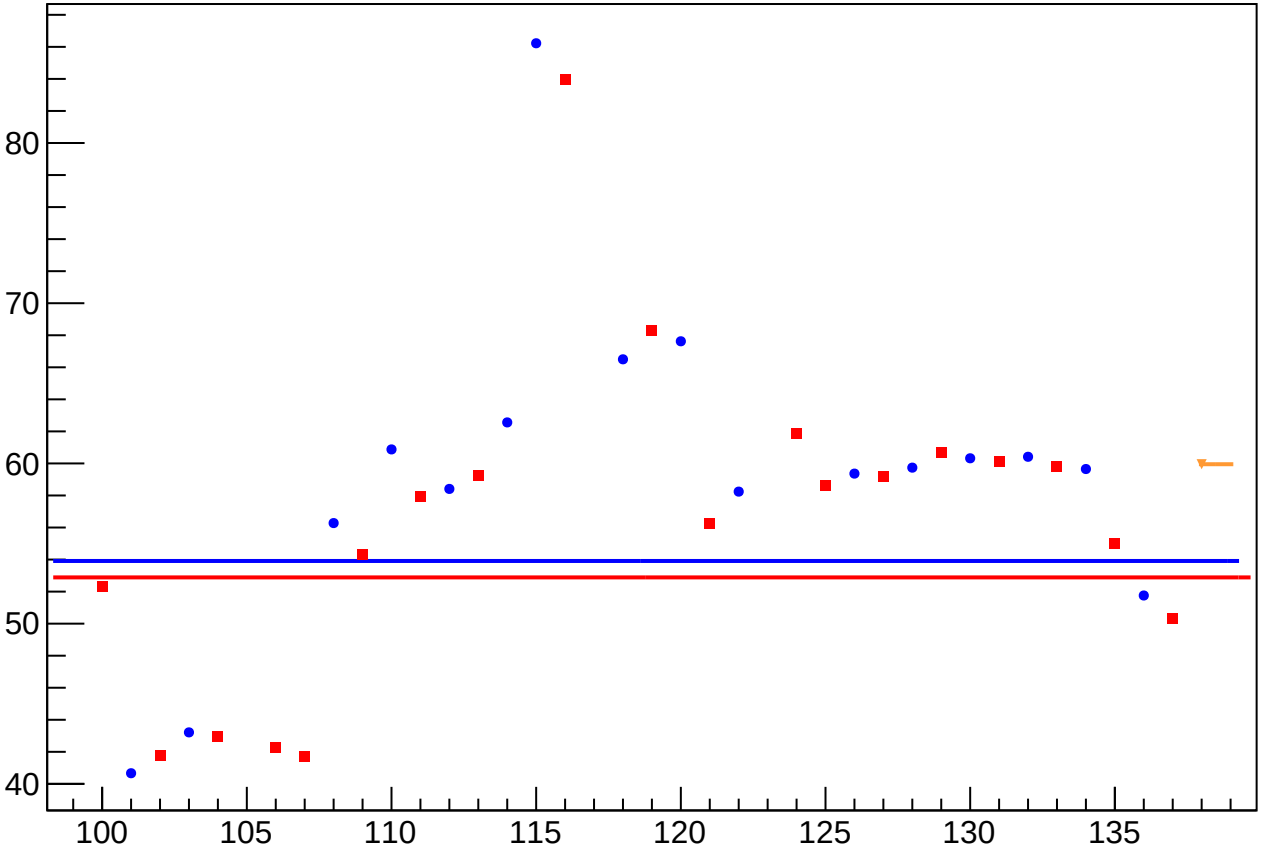
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 49.581+/-19.549 χ^2/NDF: 26.7/16

All: -11.629+/-13.912 χ^2/NDF: 68.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 53.912+/-0.014 χ^2/NDF: 393260.8/15

Left Out: 59.951+/-0.048 χ^2/NDF:0.0/0

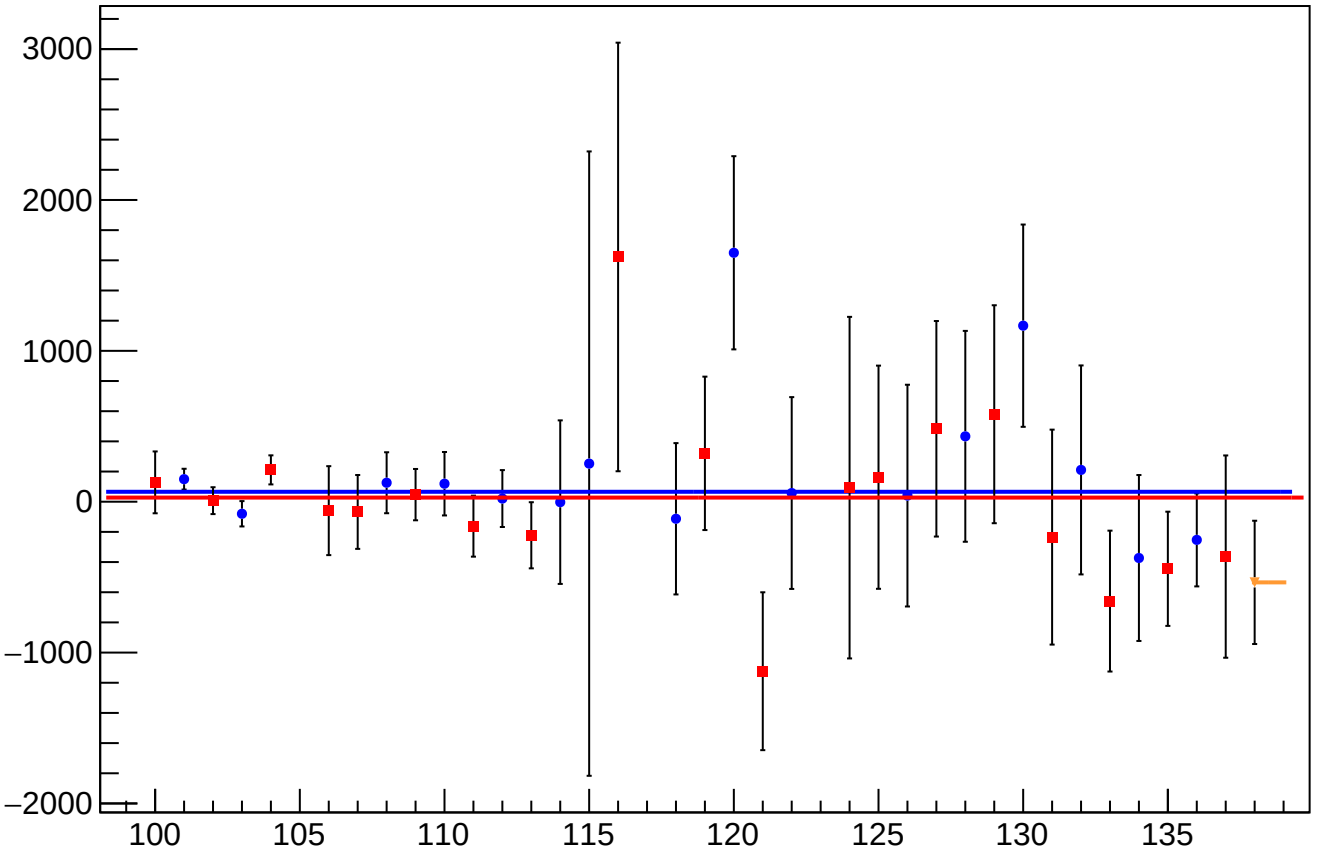
Right Out: 52.887+/-0.014 χ^2/NDF: 425534.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.413+/-0.014 χ^2/NDF: 407766.0/16

All: 53.660+/-0.010 χ^2/NDF: 839315.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 65.857+/-46.477 χ^2/NDF: 15.7/15

Left Out: -534.691+/-408.565 χ^2/NDF:0.0/0

Right Out: 27.406+/-50.249 χ^2/NDF: 18.0/18

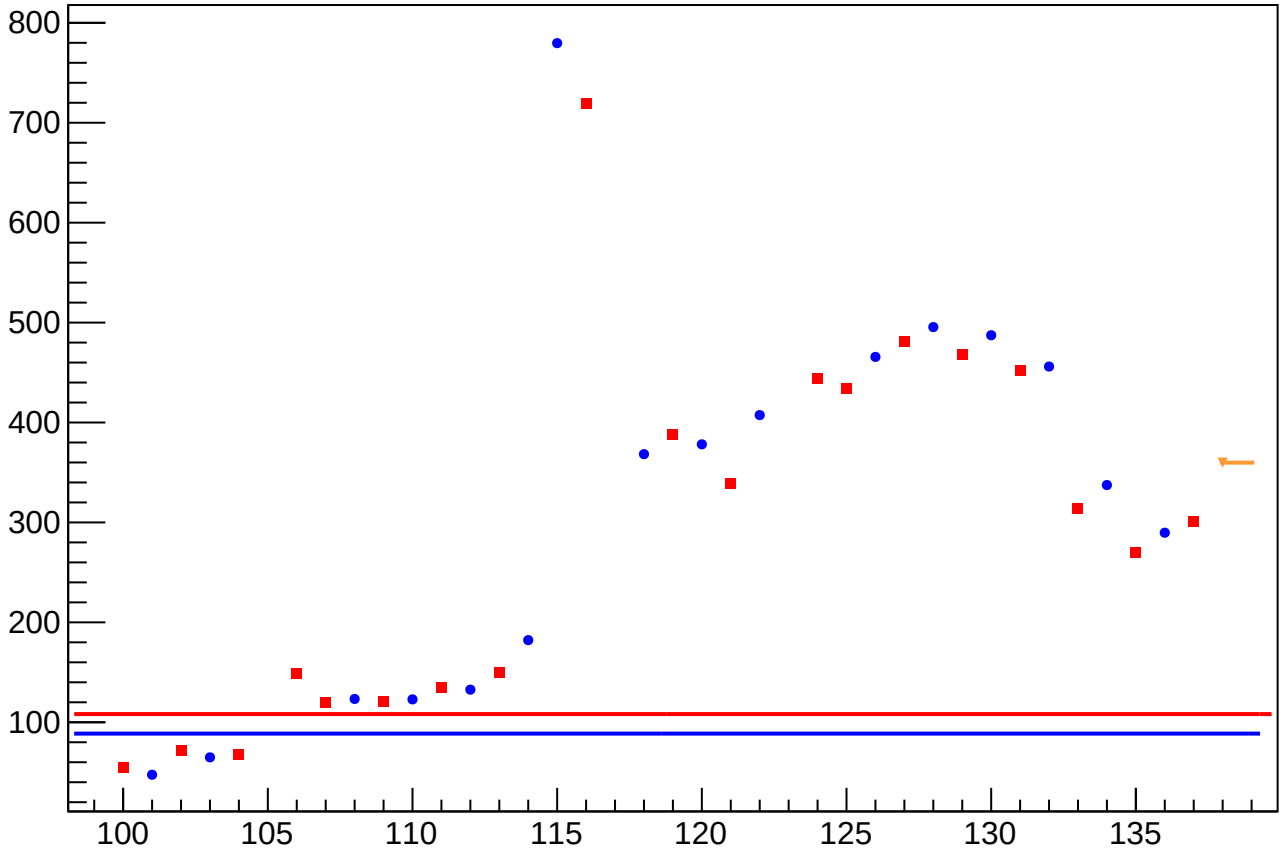
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 58.185+/-46.180 χ^2/NDF: 17.8/16

All: 44.092+/-34.002 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 88.655+/-0.033 χ^2/NDF: 6648135.5/15

Left Out: 359.855+/-0.289 χ^2/NDF:0.0/0

Right Out: 108.207+/-0.036 χ^2/NDF: 5354864.8/18

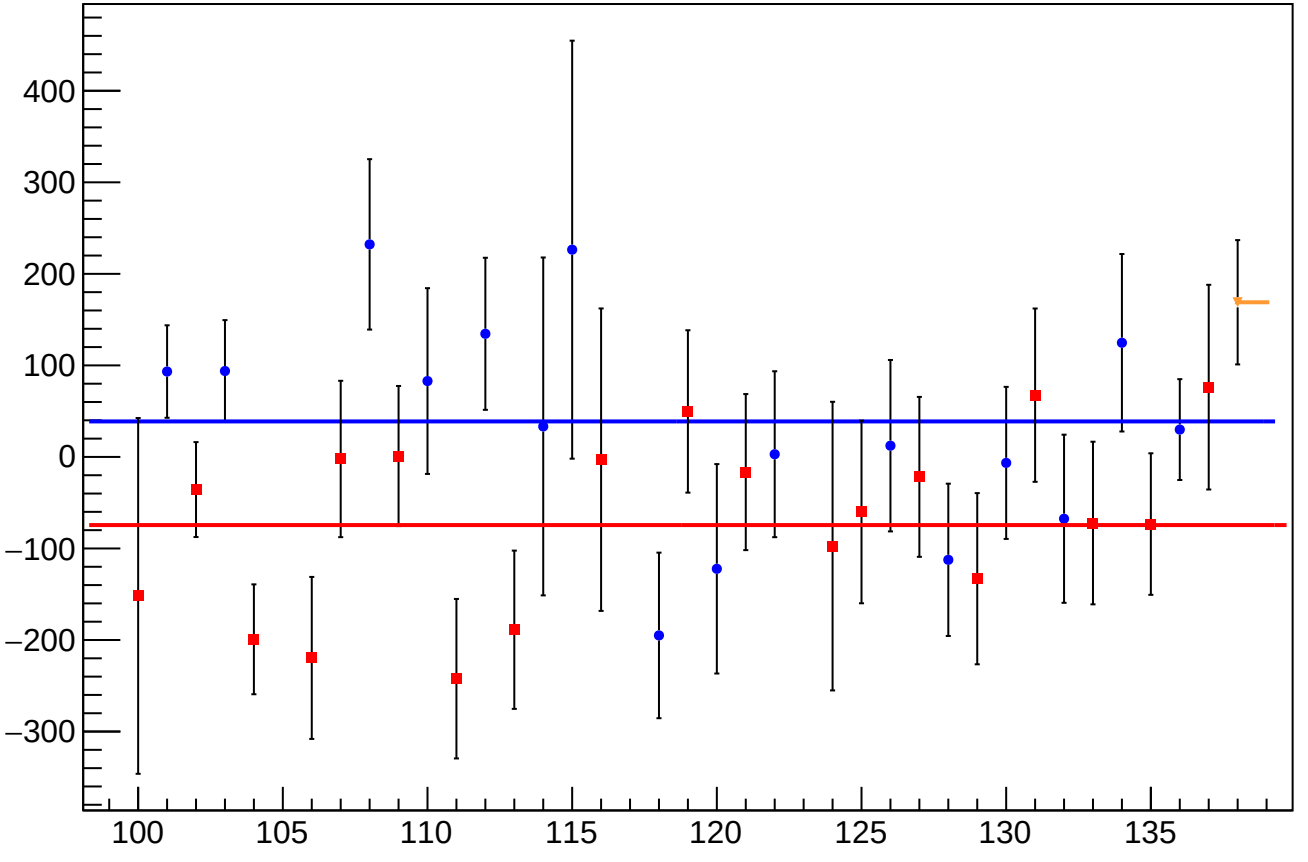
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 92.120+/-0.033 χ^2/NDF: 7518100.5/16

All: 99.486+/-0.024 χ^2/NDF: 12984090.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 38.794+/-20.413 χ^2/NDF: 23.3/15

Left Out: 168.958+/-67.907 χ^2/NDF:0.0/0

Right Out: -74.442+/-19.803 χ^2/NDF: 22.3/18

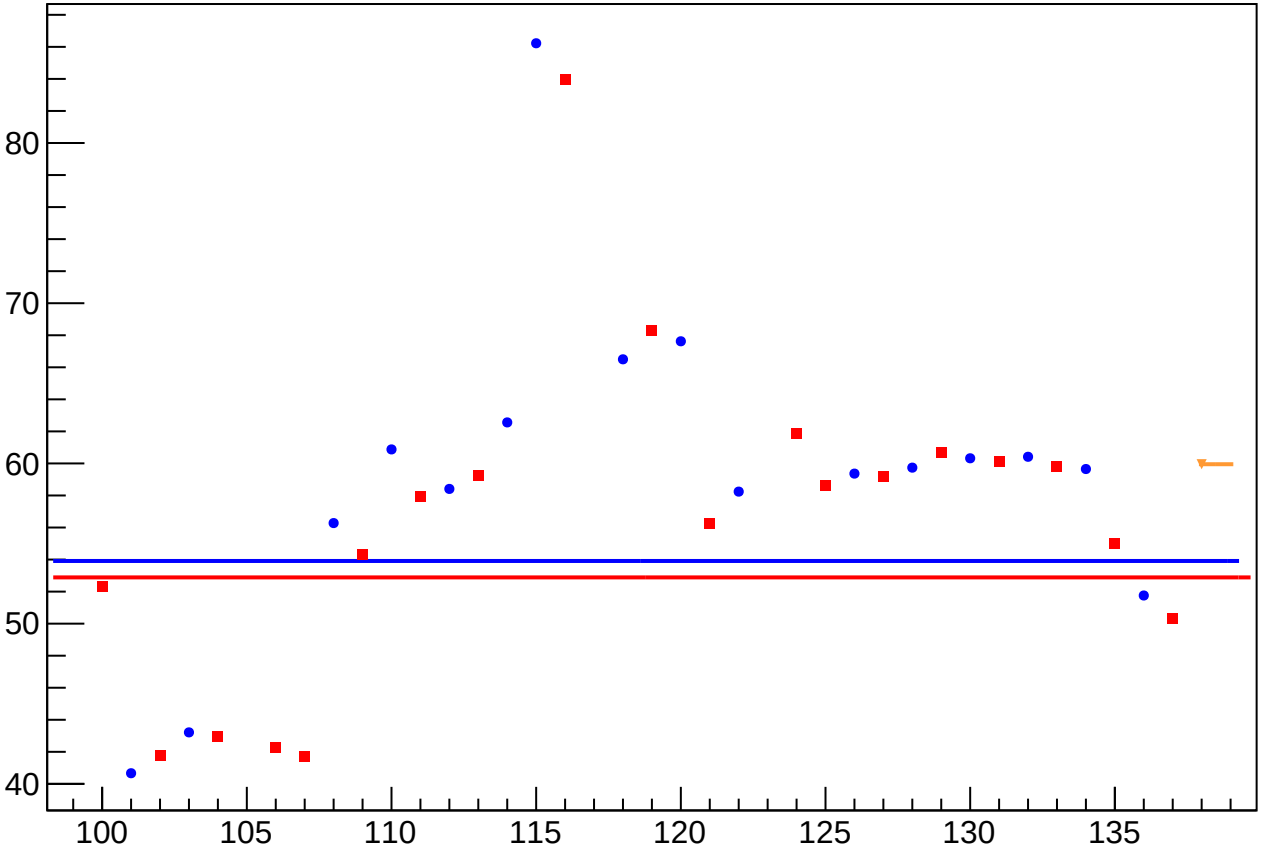
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 49.581+/-19.549 χ^2/NDF: 26.7/16

All: -11.629+/-13.912 χ^2/NDF: 68.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 53.912+/-0.014 χ^2/NDF: 393260.8/15

Left Out: 59.951+/-0.048 χ^2/NDF:0.0/0

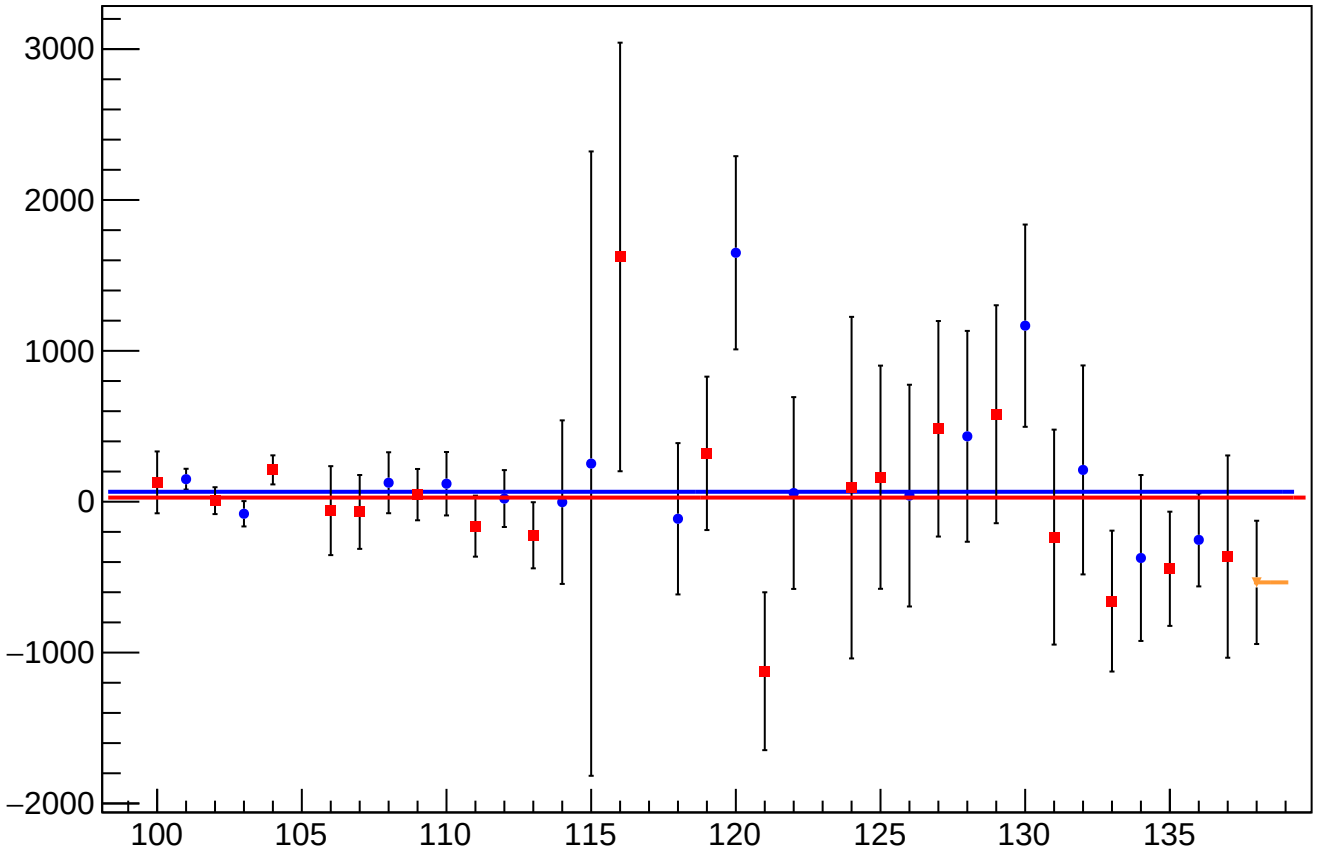
Right Out: 52.887+/-0.014 χ^2/NDF: 425534.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.413+/-0.014 χ^2/NDF: 407766.0/16

All: 53.660+/-0.010 χ^2/NDF: 839315.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 65.857+/-46.477 χ^2/NDF: 15.7/15

Left Out: -534.691+/-408.565 χ^2/NDF:0.0/0

Right Out: 27.406+/-50.249 χ^2/NDF: 18.0/18

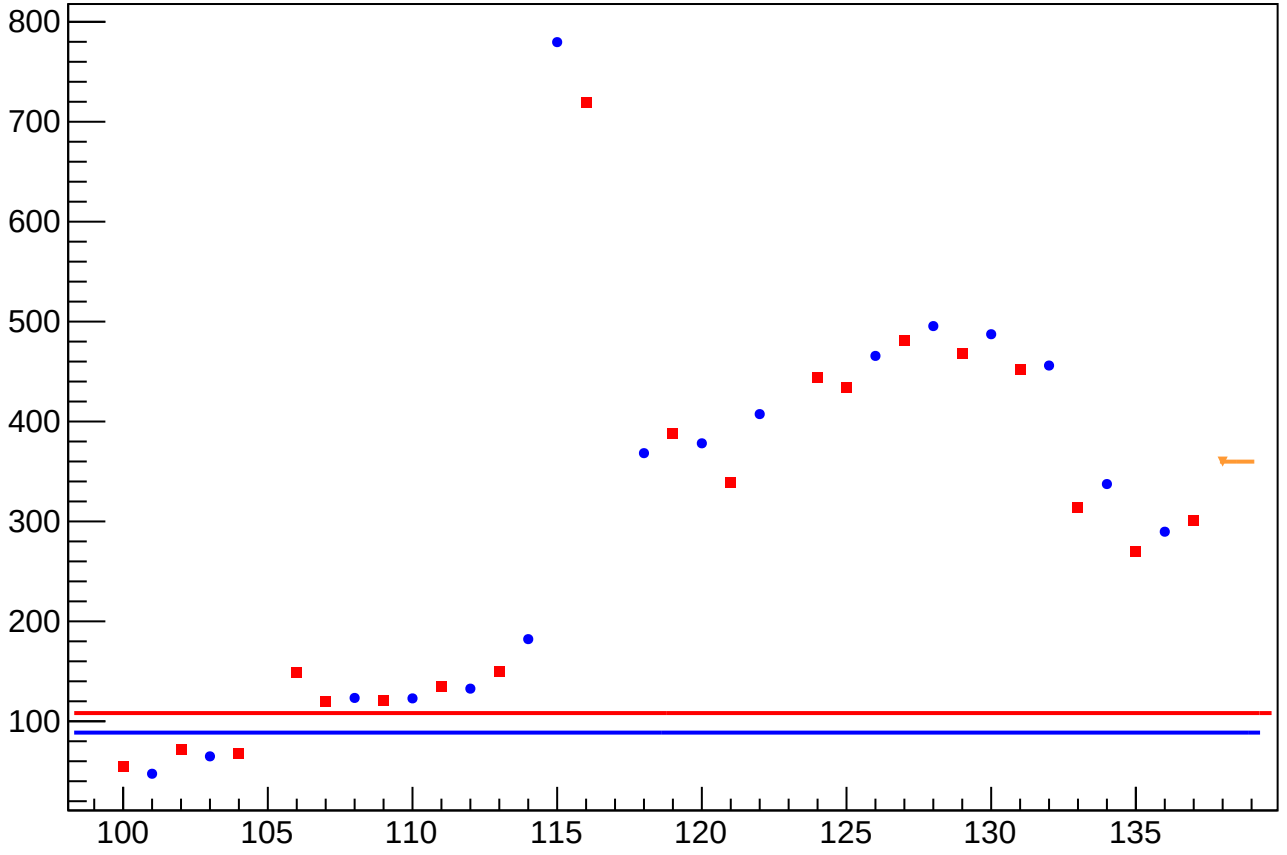
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 58.185+/-46.180 χ^2/NDF: 17.8/16

All: 44.092+/-34.002 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 88.655+/-0.033 χ^2/NDF: 6648135.5/15

Left Out: 359.855+/-0.289 χ^2/NDF:0.0/0

Right Out: 108.207+/-0.036 χ^2/NDF: 5354864.8/18

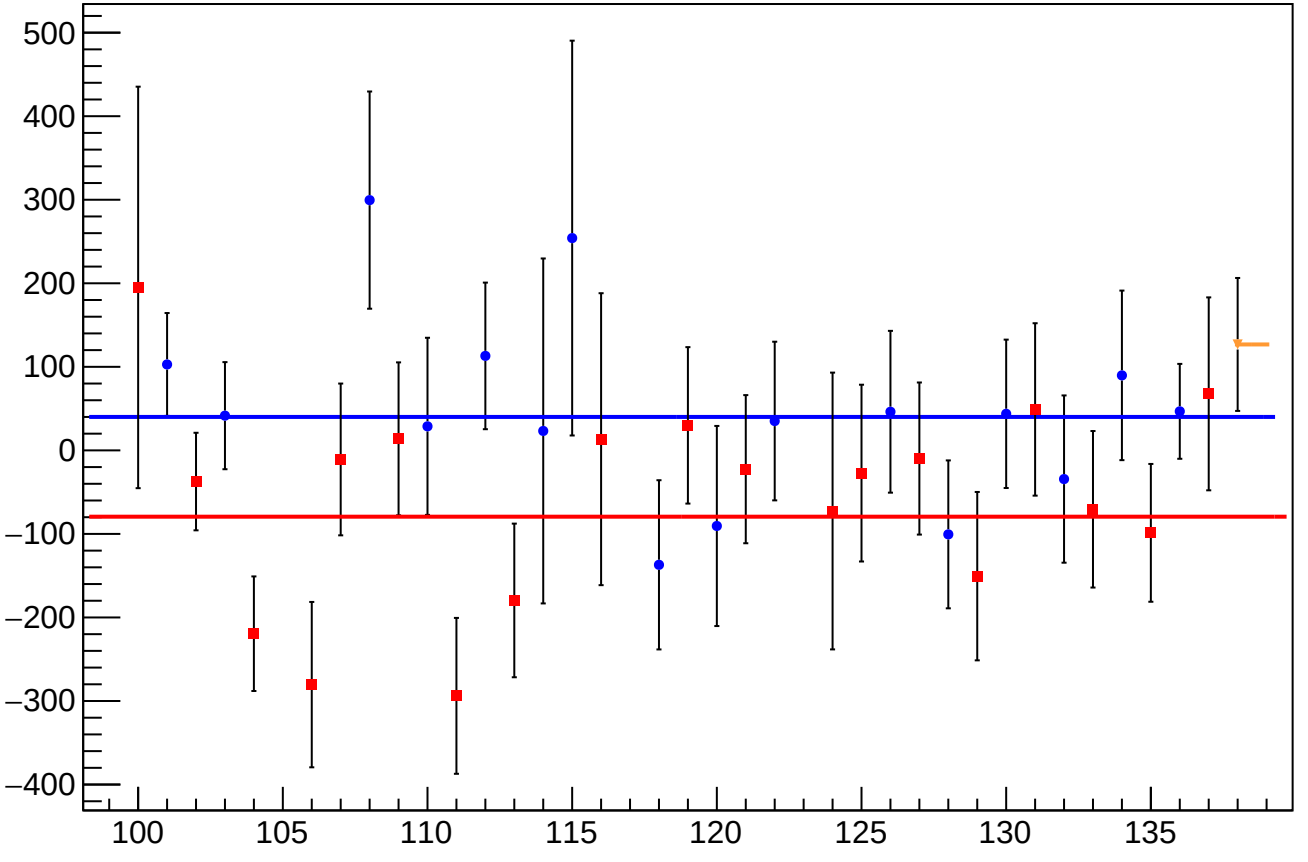
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 92.120+/-0.033 χ^2/NDF: 7518100.5/16

All: 99.486+/-0.024 χ^2/NDF: 12984090.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 40.030+/-22.515 χ^2/NDF: 14.1/15

Left Out: 126.793+/-79.572 χ^2/NDF:0.0/0

Right Out: -79.378+/-21.577 χ^2/NDF: 24.8/18

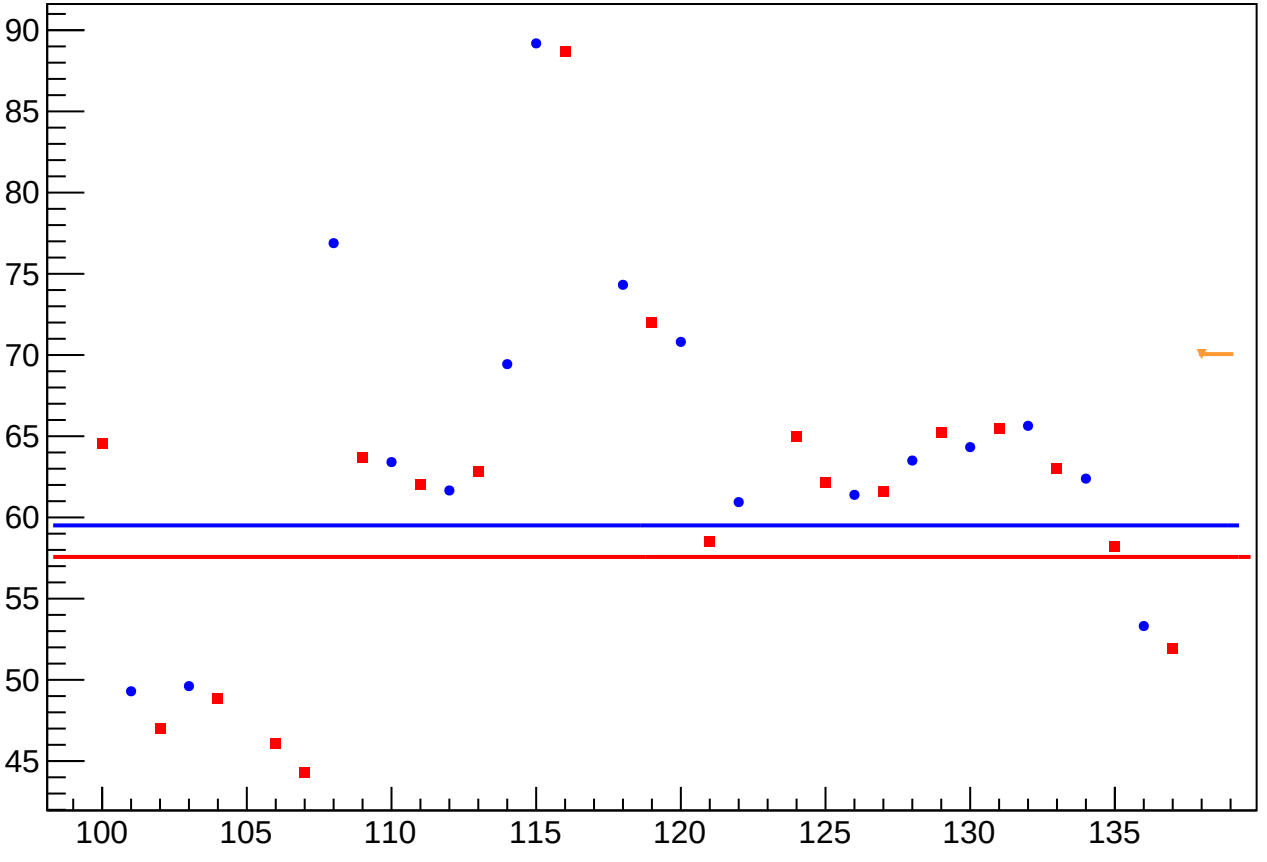
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.461+/-21.664 χ^2/NDF: 15.2/16

All: -16.712+/-15.288 χ^2/NDF: 57.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 59.509+/-0.016 χ^2/NDF: 283192.7/15

Left Out: 70.057+/-0.056 χ^2/NDF:0.0/0

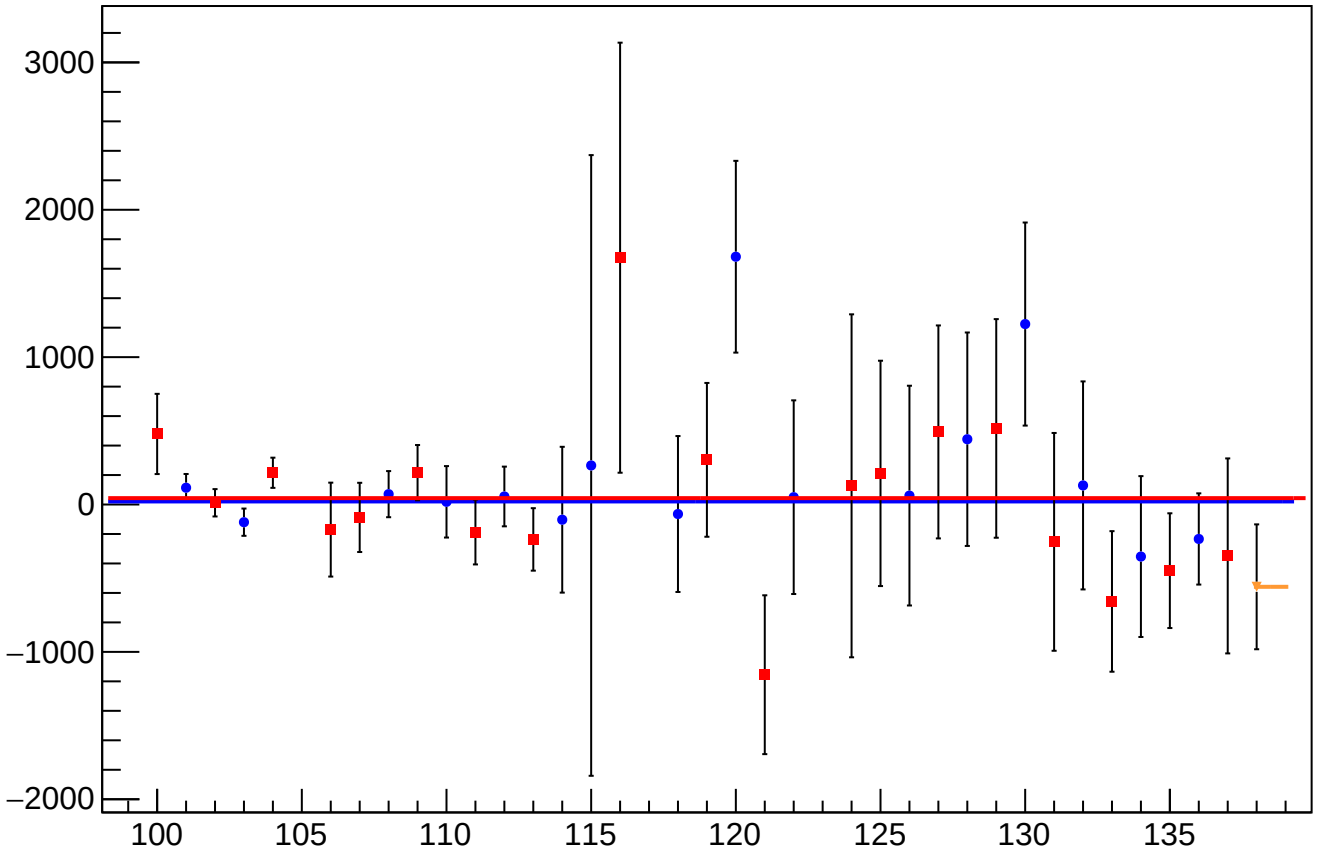
Right Out: 57.567+/-0.015 χ^2/NDF: 347377.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 60.291+/-0.015 χ^2/NDF: 315732.7/16

All: 58.923+/-0.011 χ^2/NDF: 678981.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.840+/-53.585 χ^2/NDF: 14.6/15

Left Out: -558.434+/-423.685 χ^2/NDF:0.0/0

Right Out: 43.262+/-53.210 χ^2/NDF: 21.5/18

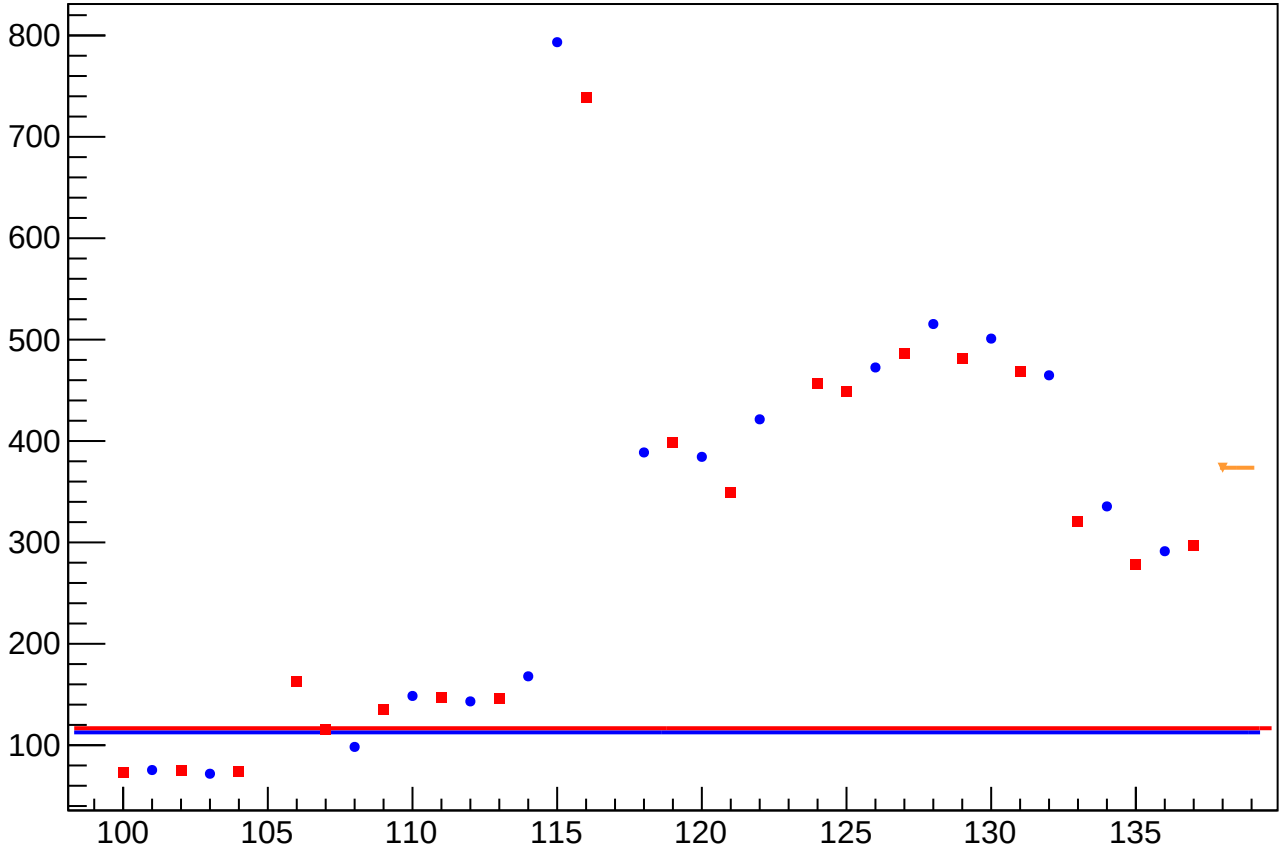
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.720+/-53.162 χ^2/NDF: 16.5/16

All: 27.477+/-37.608 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 112.668+/-0.038 χ^2/NDF: 5599655.1/15

Left Out: 373.654+/-0.300 χ^2/NDF:0.0/0

Right Out: 116.733+/-0.038 χ^2/NDF: 5141387.7/18

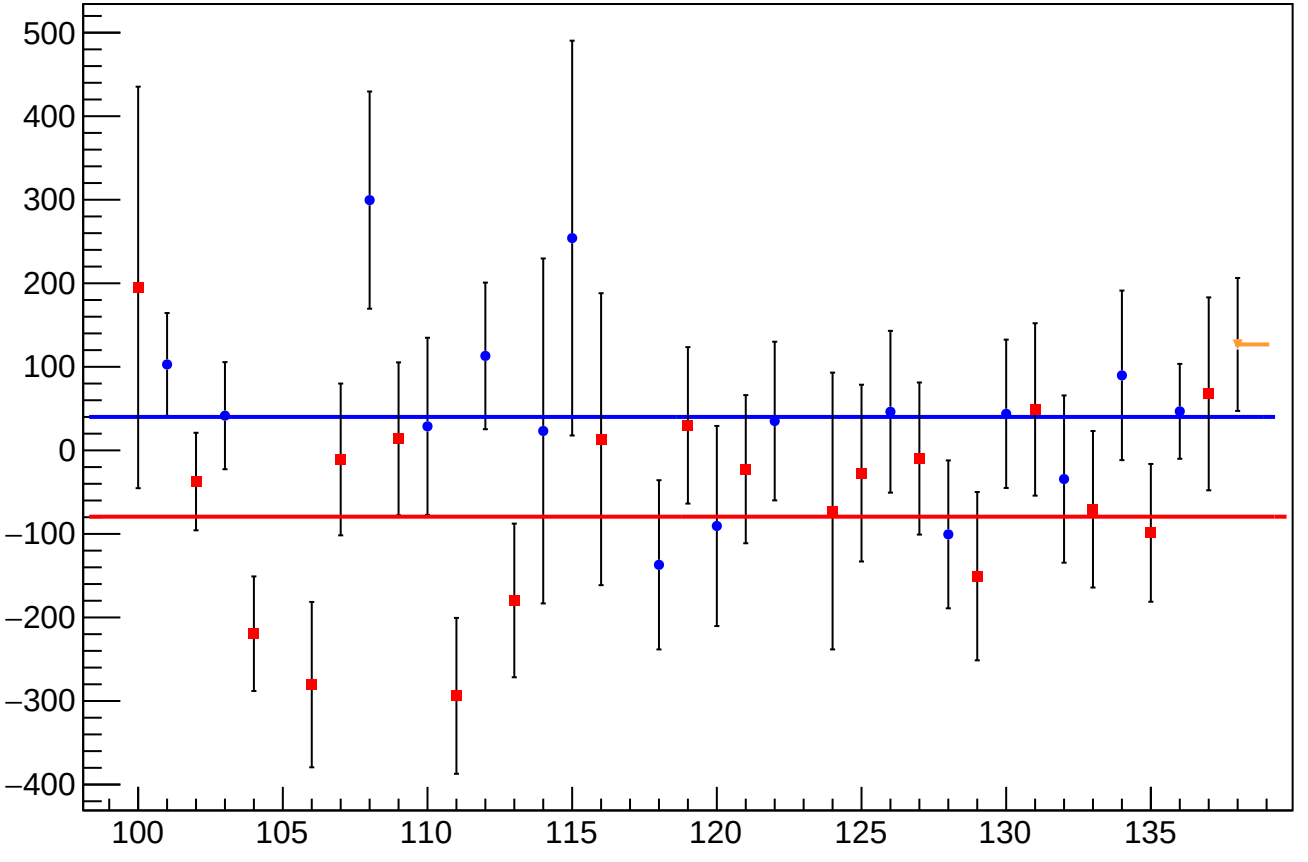
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 116.777+/-0.038 χ^2/NDF: 6346597.1/16

All: 116.755+/-0.027 χ^2/NDF: 11487985.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 40.030+/-22.515 χ^2/NDF: 14.1/15

Left Out: 126.788+/-79.573 χ^2/NDF:0.0/0

Right Out: -79.378+/-21.577 χ^2/NDF: 24.8/18

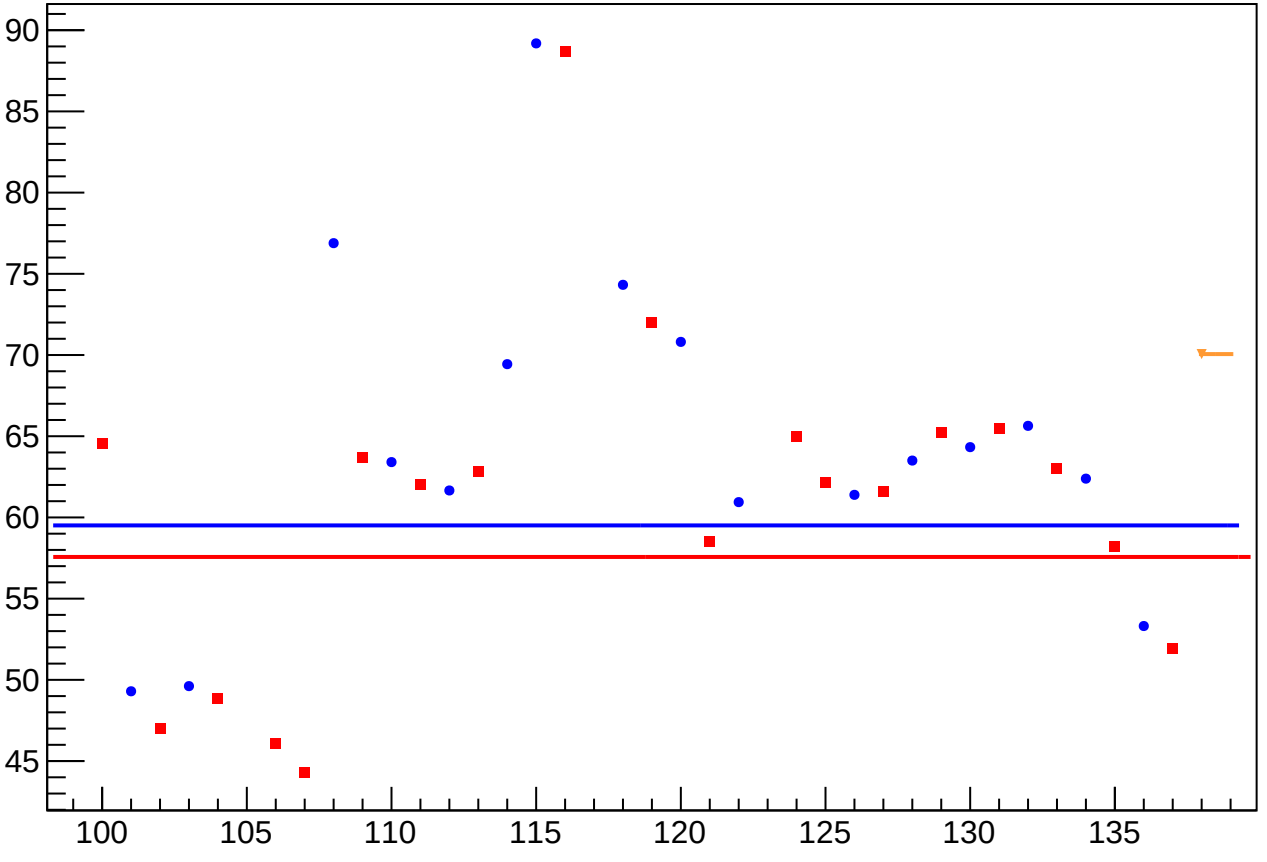
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.460+/-21.664 χ^2/NDF: 15.2/16

All: -16.712+/-15.288 χ^2/NDF: 57.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 59.509+/-0.016 χ^2/NDF: 283190.4/15

Left Out: 70.057+/-0.056 χ^2/NDF:0.0/0

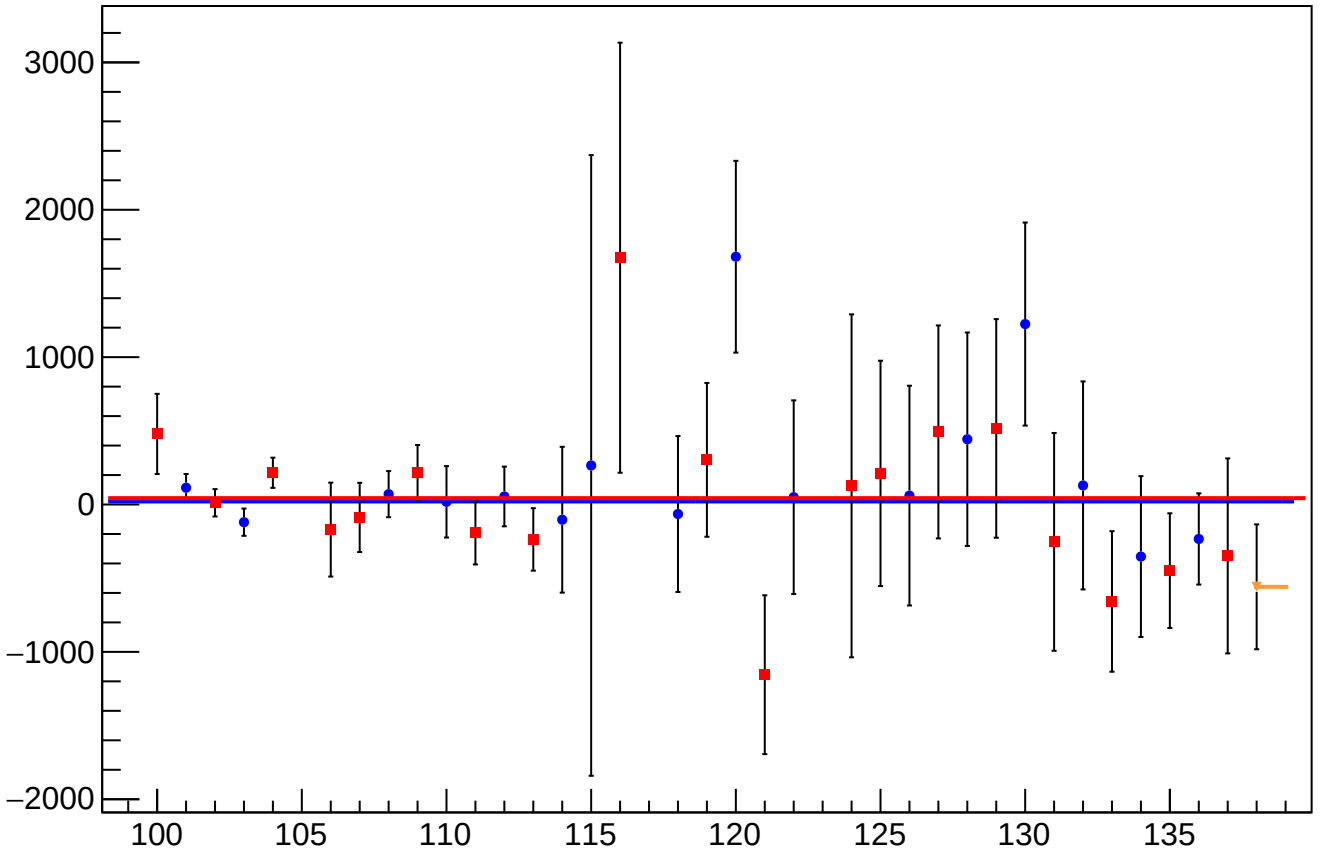
Right Out: 57.567+/-0.015 χ^2/NDF: 347374.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 60.291+/-0.015 χ^2/NDF: 315733.8/16

All: 58.923+/-0.011 χ^2/NDF: 678979.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.840+/-53.585 χ^2/NDF: 14.6/15

Left Out: -558.439+/-423.687 χ^2/NDF:0.0/0

Right Out: 43.262+/-53.210 χ^2/NDF: 21.5/18

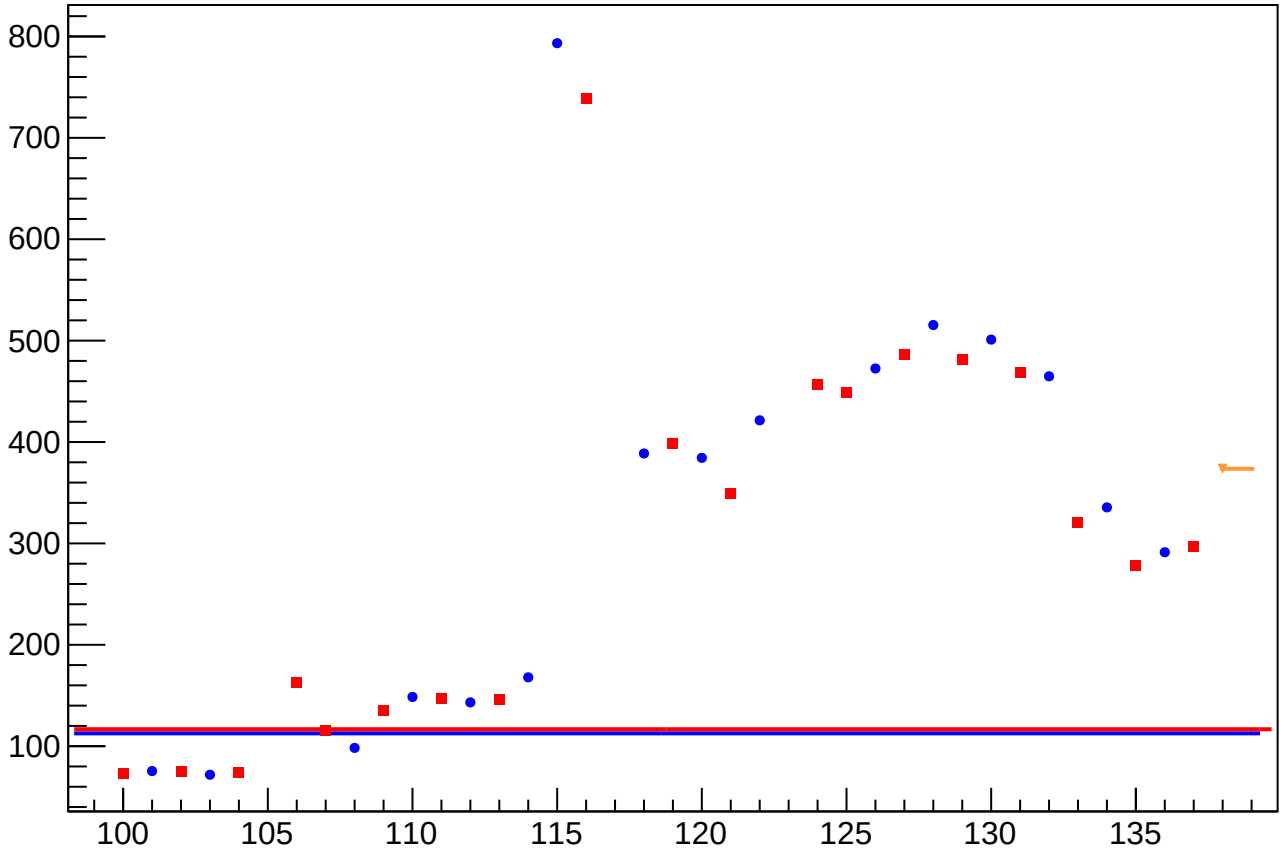
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.720+/-53.162 χ^2/NDF: 16.5/16

All: 27.476+/-37.608 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 112.668+/-0.038 χ^2/NDF: 5599653.6/15

Left Out: 373.656+/-0.300 χ^2/NDF:0.0/0

Right Out: 116.732+/-0.038 χ^2/NDF: 5141390.3/18

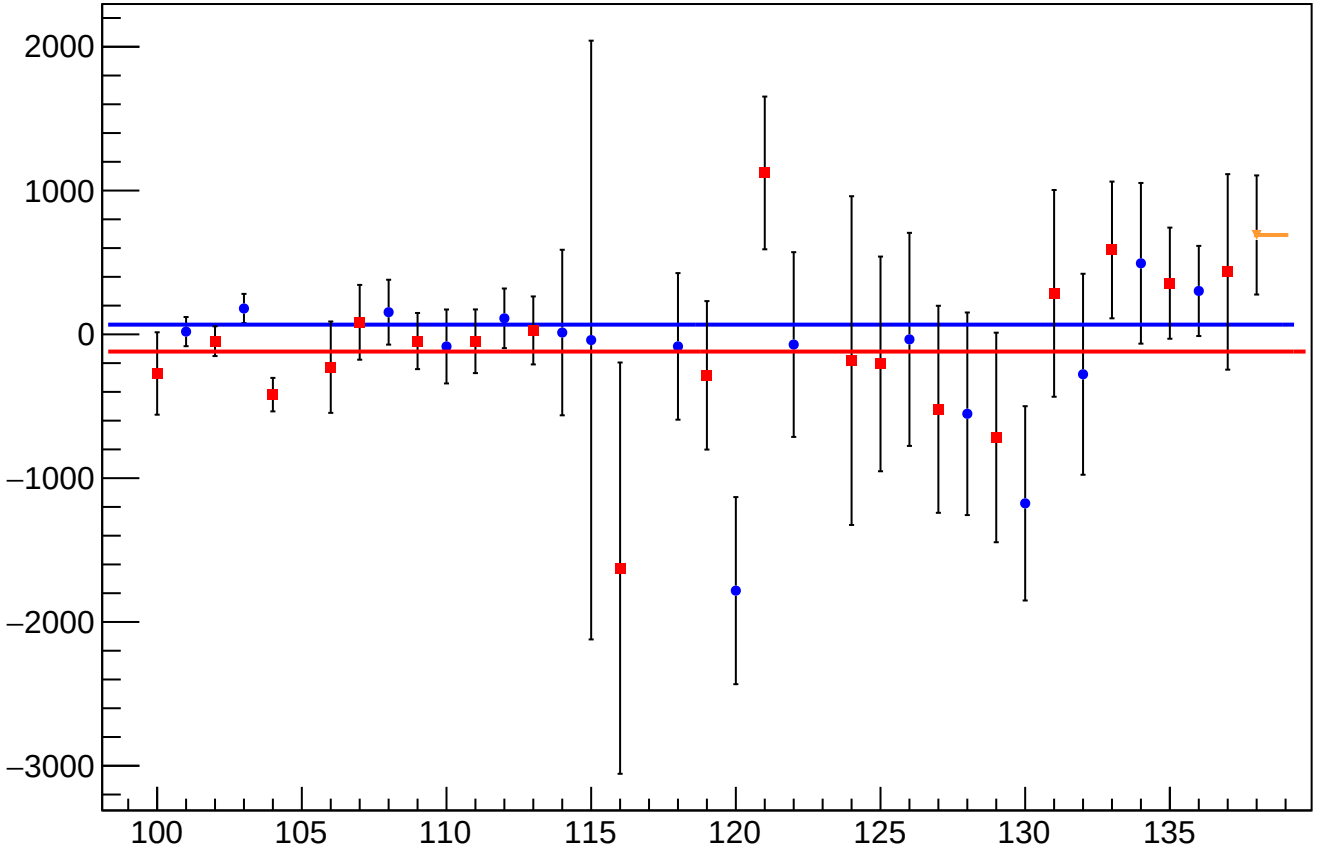
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 116.777+/-0.038 χ^2/NDF: 6346600.9/16

All: 116.755+/-0.027 χ^2/NDF: 11487991.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 67.621+/-59.169 χ^2/NDF: 15.8/15

Left Out: 691.158+/-414.261 χ^2/NDF:0.0/0

Right Out: -119.635+/-57.941 χ^2/NDF: 21.1/18

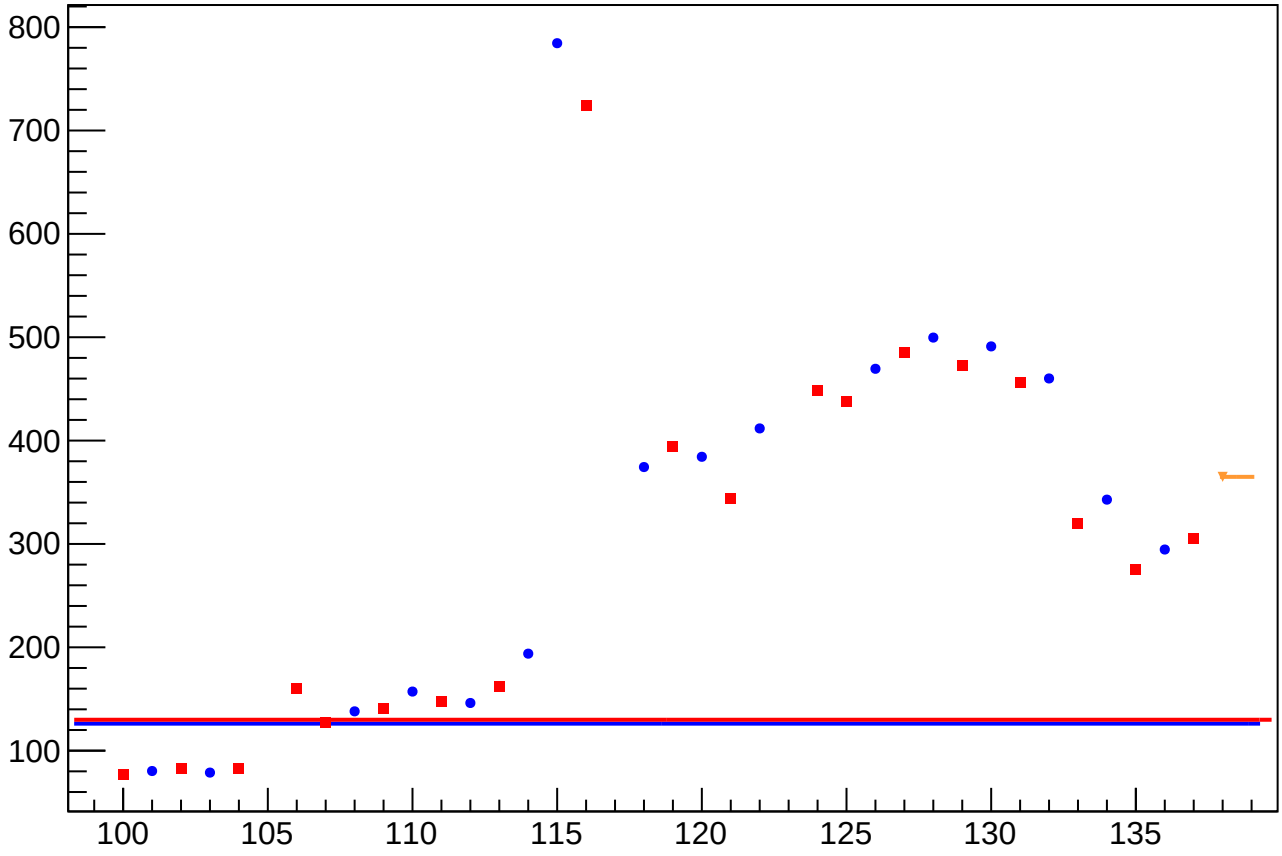
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 80.087+/-58.574 χ^2/NDF: 18.0/16

All: -20.859+/-41.193 χ^2/NDF: 45.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 126.154+/-0.042 χ^2/NDF: 5220128.2/15

Left Out: 364.915+/-0.293 χ^2/NDF:0.0/0

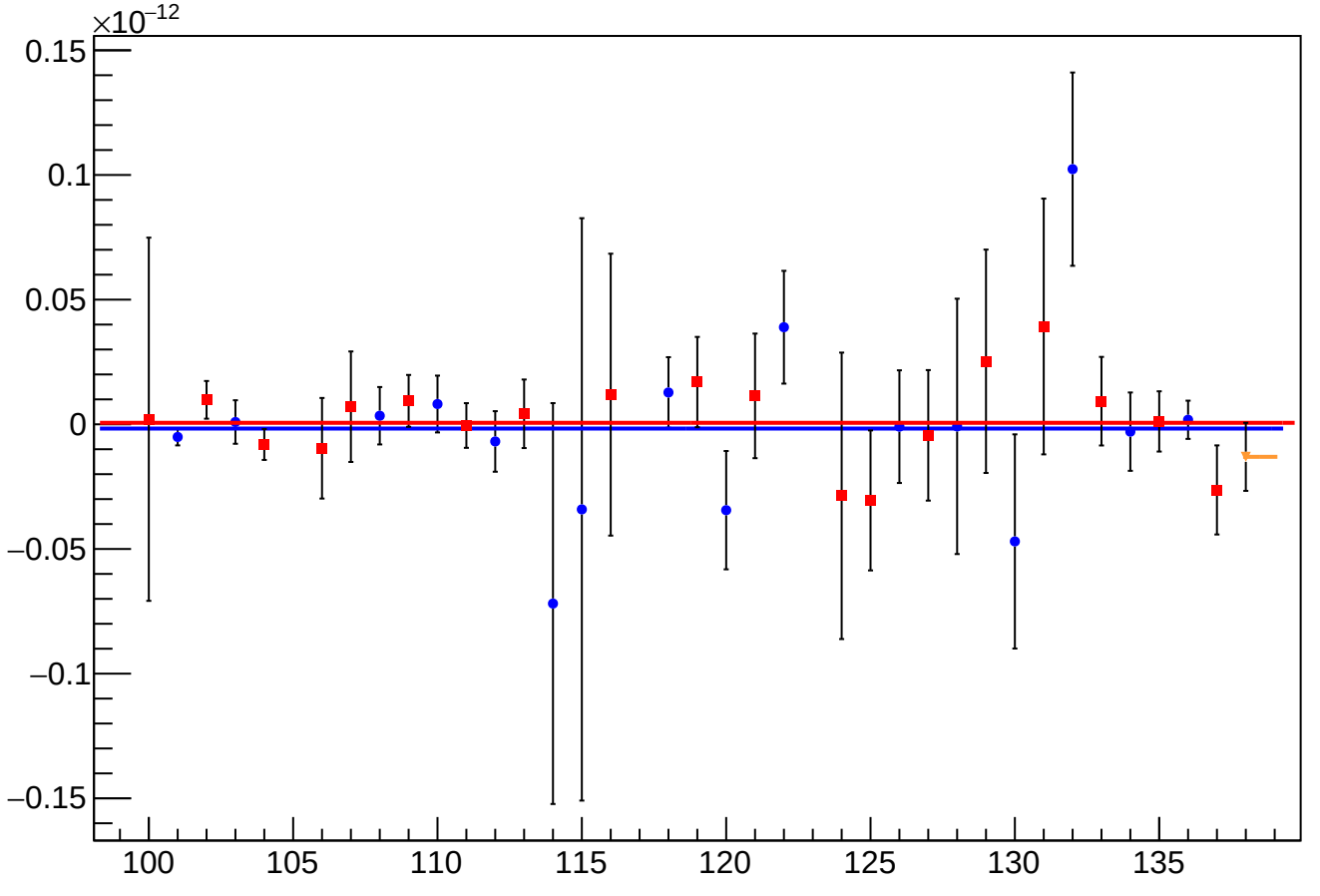
Right Out: 129.914+/-0.041 χ^2/NDF: 4647677.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 130.927+/-0.041 χ^2/NDF: 5871214.8/16

All: 130.415+/-0.029 χ^2/NDF: 10519194.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

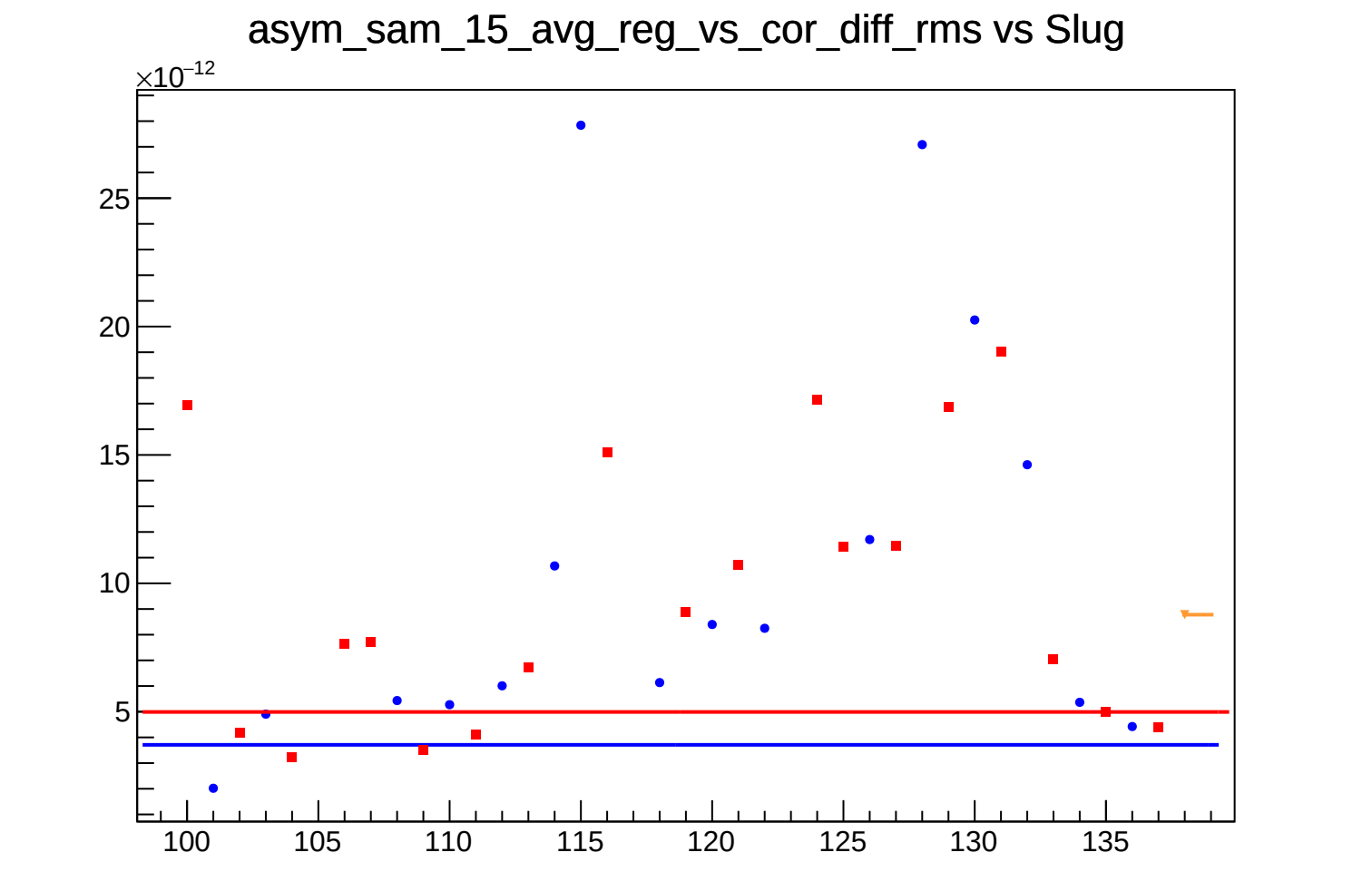
Right Out: 0.000+/-0.000 χ^2/NDF: 10.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.4/16

All: -0.000+/-0.000 χ^2/NDF: 29.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2172466.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1295374.6/18

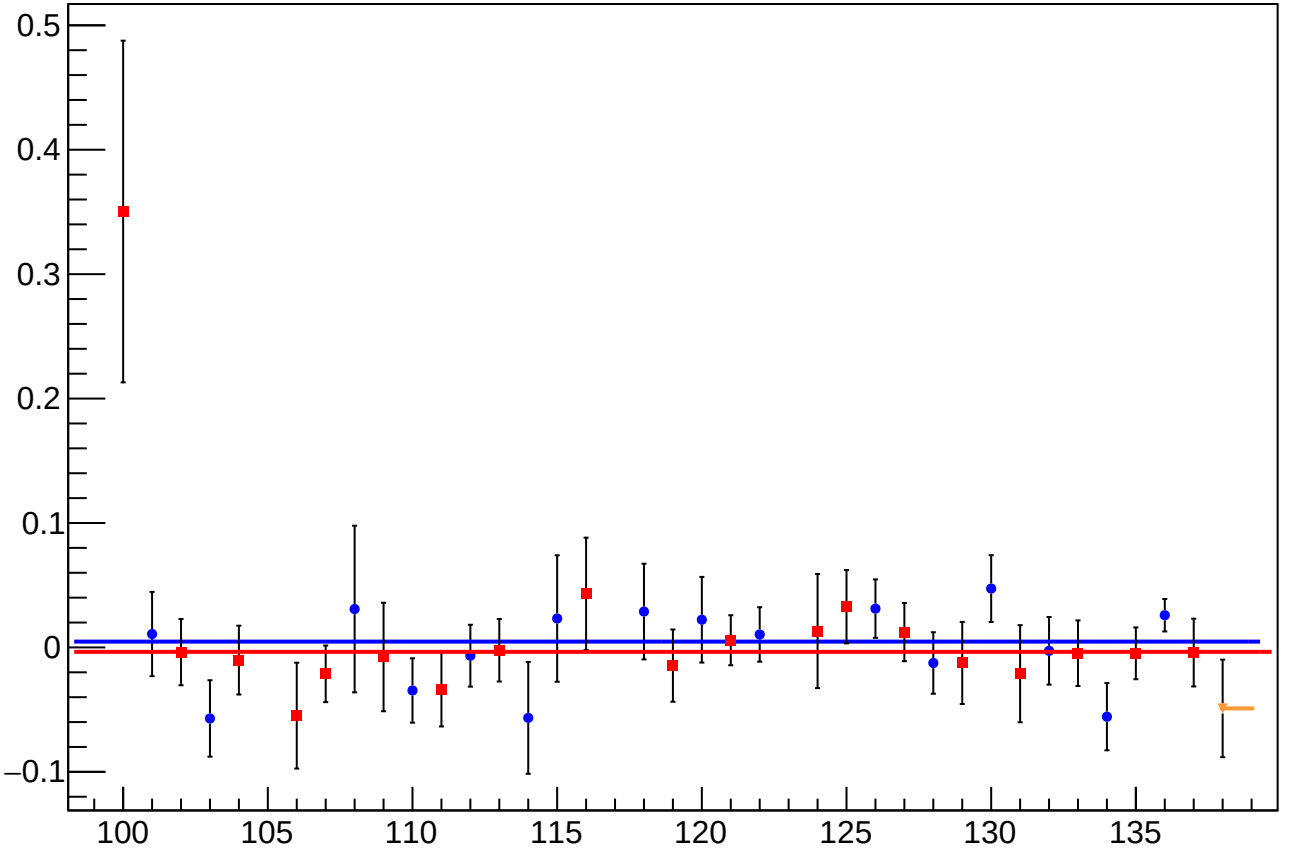
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2439105.1/16

All: 0.000+/-0.000 χ^2/NDF: 3884607.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.005+/-0.007 χ^2/NDF: 21.5/15

Left Out: -0.049+/-0.039 χ^2/NDF:0.0/0

Right Out: -0.004+/-0.007 χ^2/NDF: 13.6/18

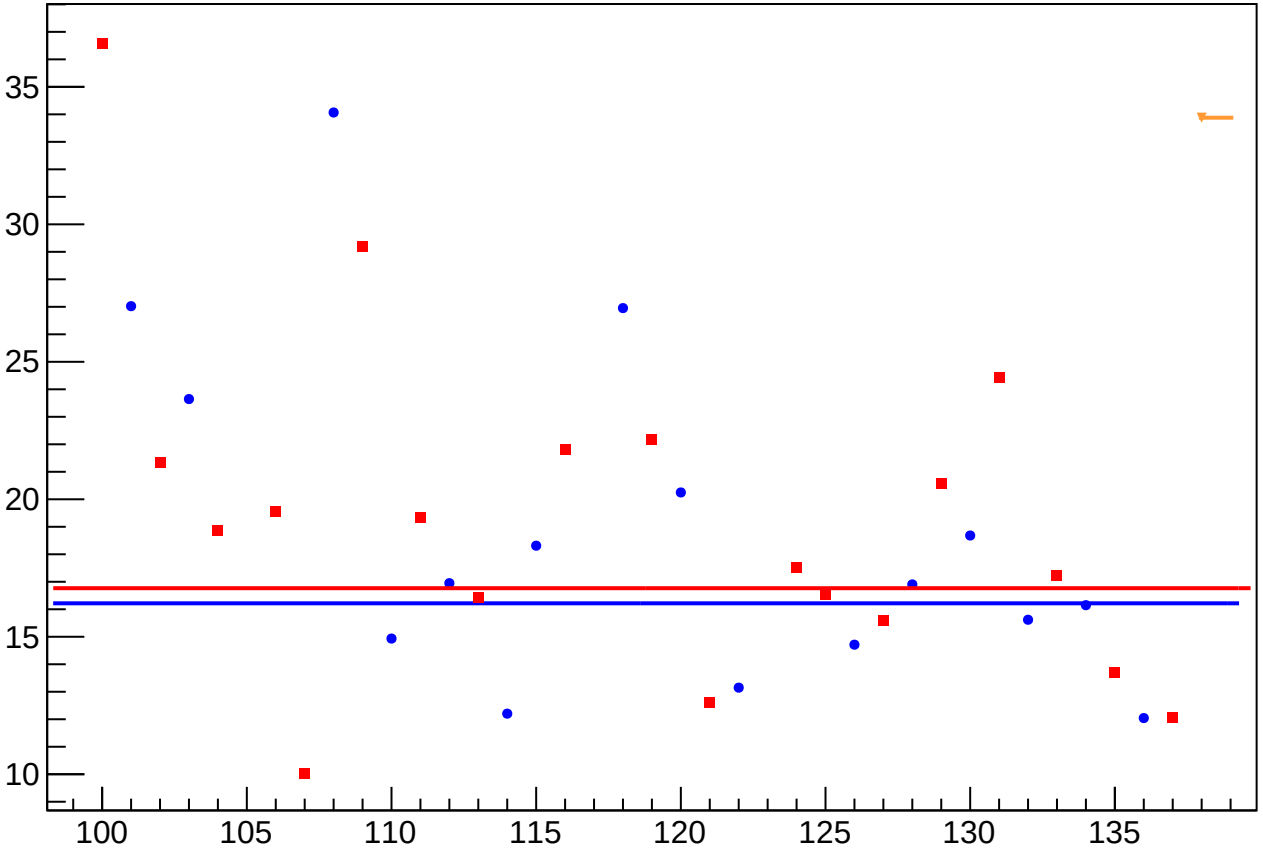
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.006 χ^2/NDF: 23.3/16

All: -0.000+/-0.005 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 16.217+/-0.005 χ^2/NDF: 943864.9/15

Left Out: 33.879+/-0.028 χ^2/NDF:0.0/0

Right Out: 16.766+/-0.005 χ^2/NDF: 866715.7/18

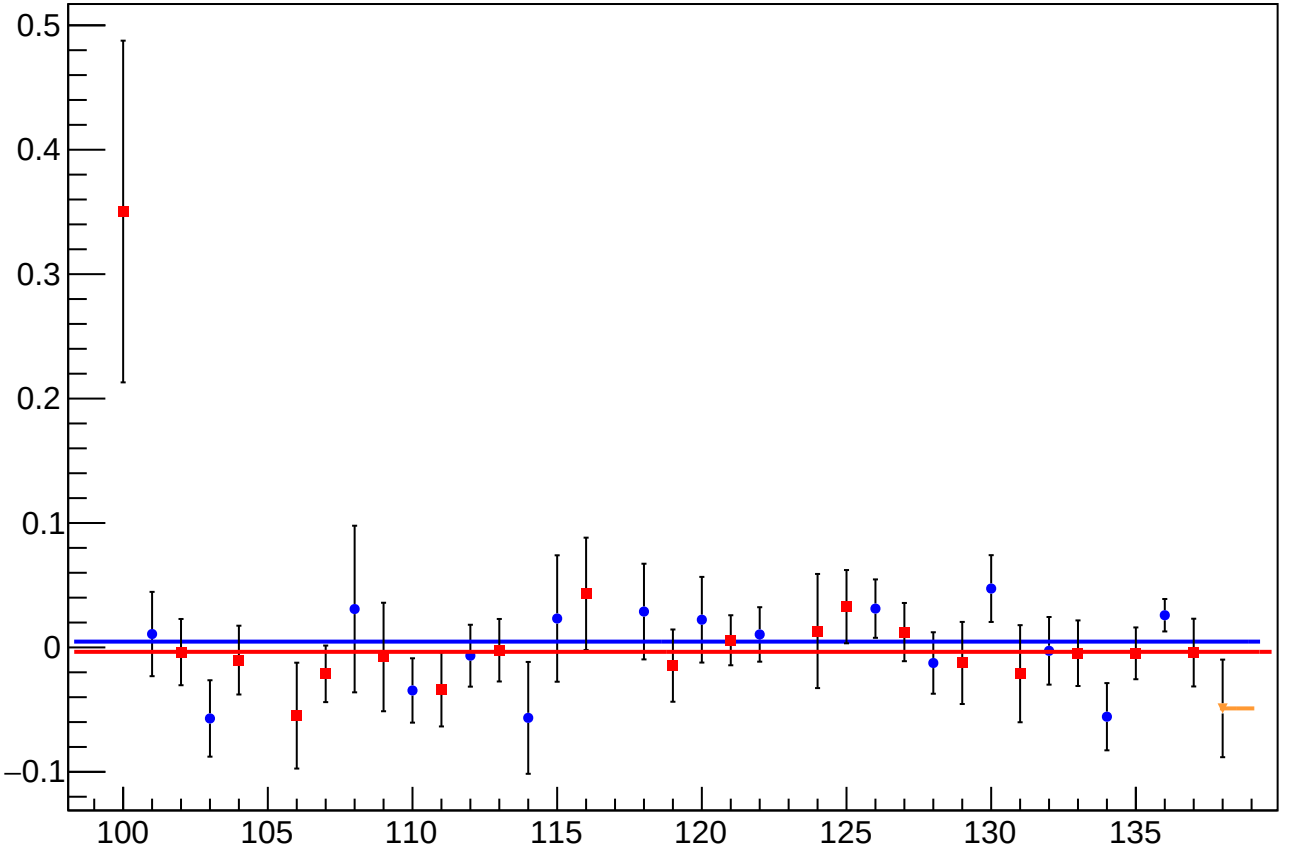
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.698+/-0.005 χ^2/NDF: 1338542.8/16

All: 16.731+/-0.003 χ^2/NDF: 2205366.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005+/-0.007 χ^2/NDF: 21.5/15

Left Out: -0.049+/-0.039 χ^2/NDF:0.0/0

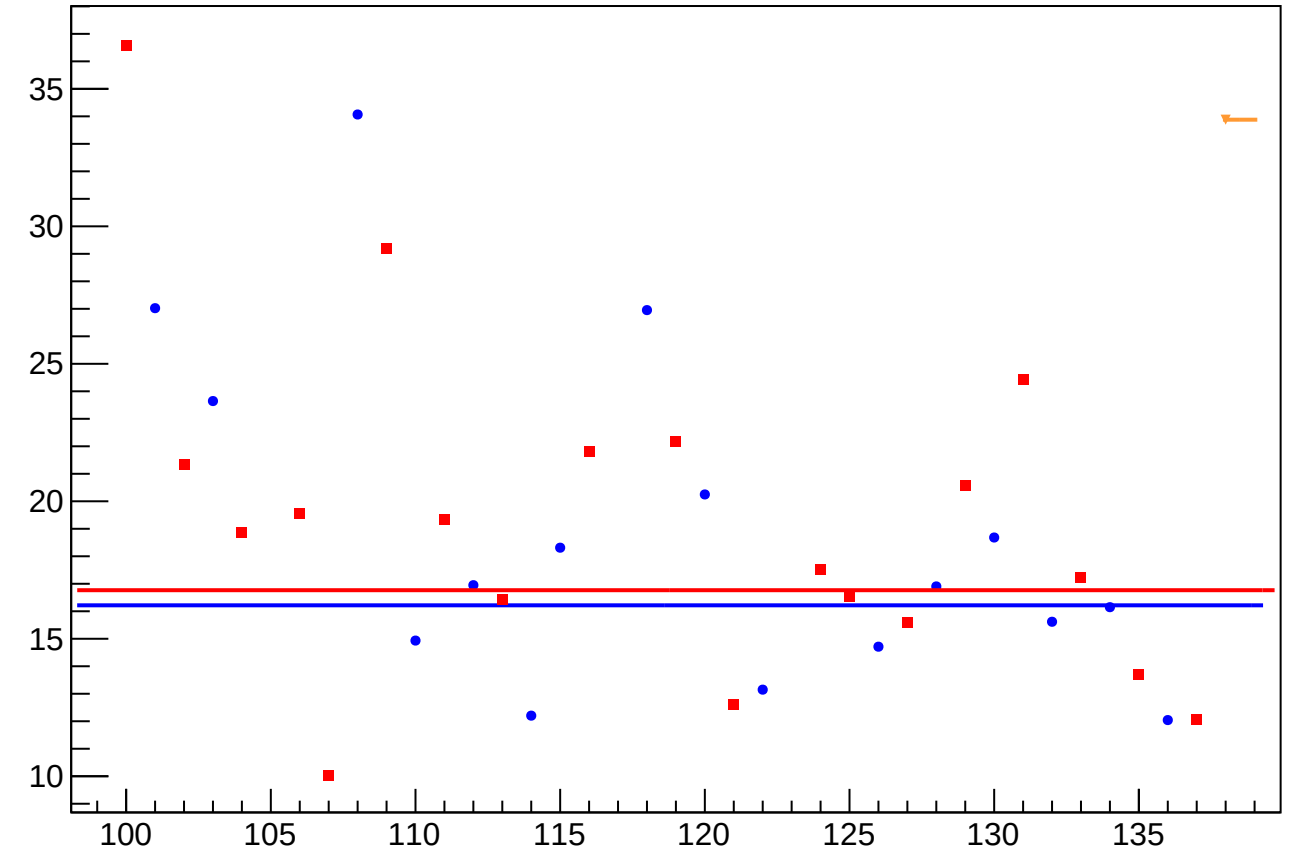
Right Out: -0.004+/-0.007 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.006 χ^2/NDF: 23.3/16

All: -0.000+/-0.005 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 16.217+/-0.005 χ^2/NDF: 943864.9/15

Left Out: 33.879+/-0.028 χ^2/NDF:0.0/0

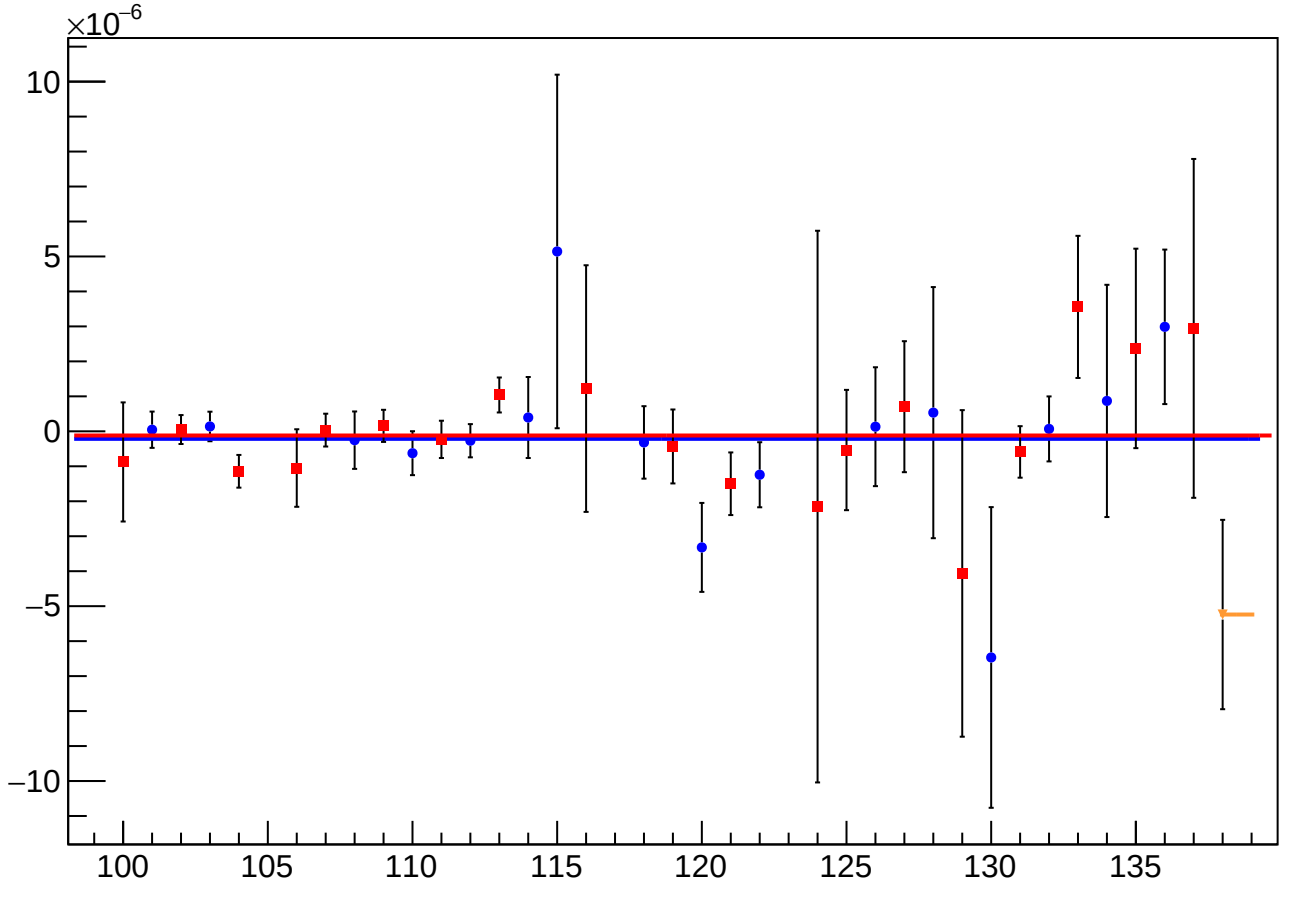
Right Out: 16.766+/-0.005 χ^2/NDF: 866715.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.698+/-0.005 χ^2/NDF: 1338542.8/16

All: 16.731+/-0.003 χ^2/NDF: 2205366.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

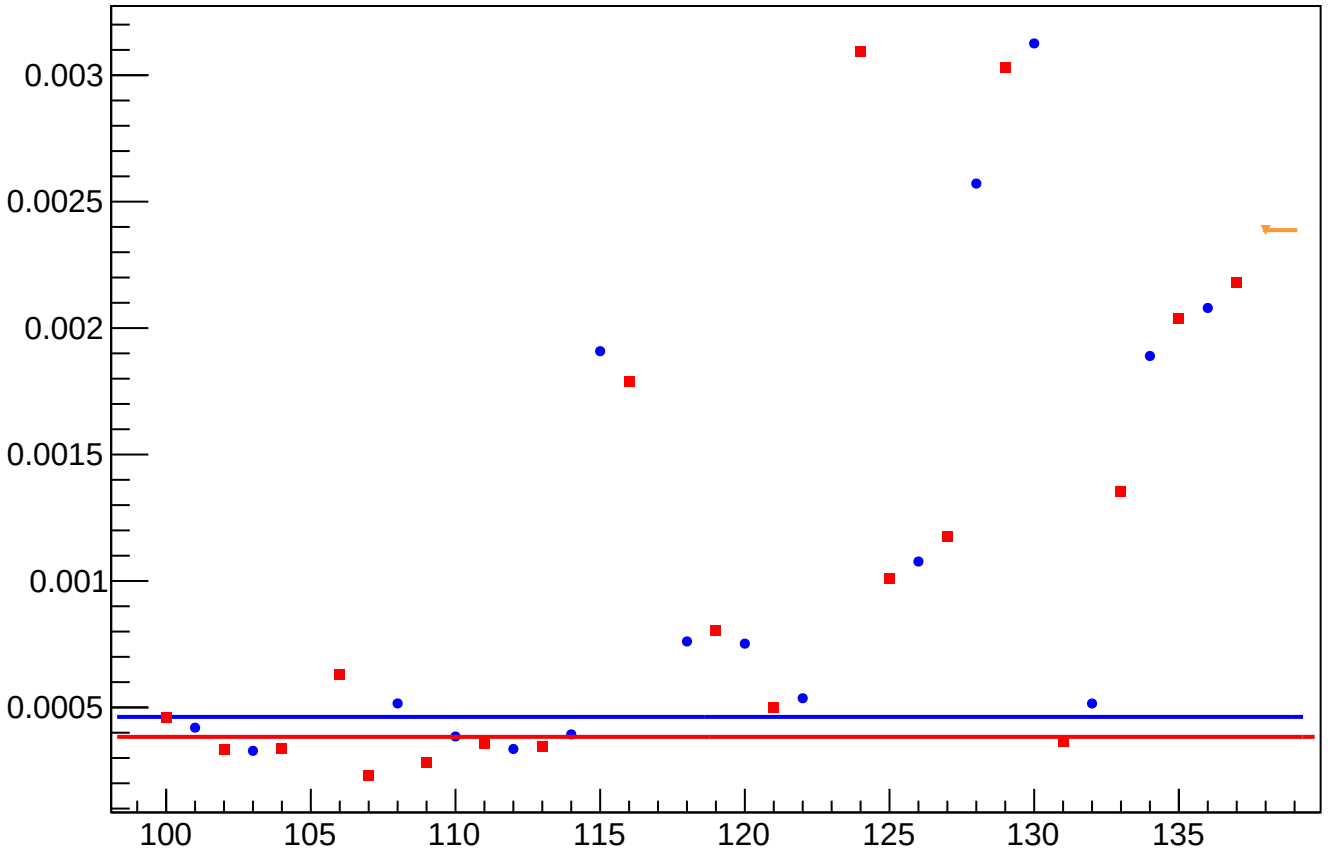
Right Out: -0.000+/-0.000 χ^2/NDF: 20.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.9/16

All: -0.000+/-0.000 χ^2/NDF: 38.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 4015939.2/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4058129.5/18

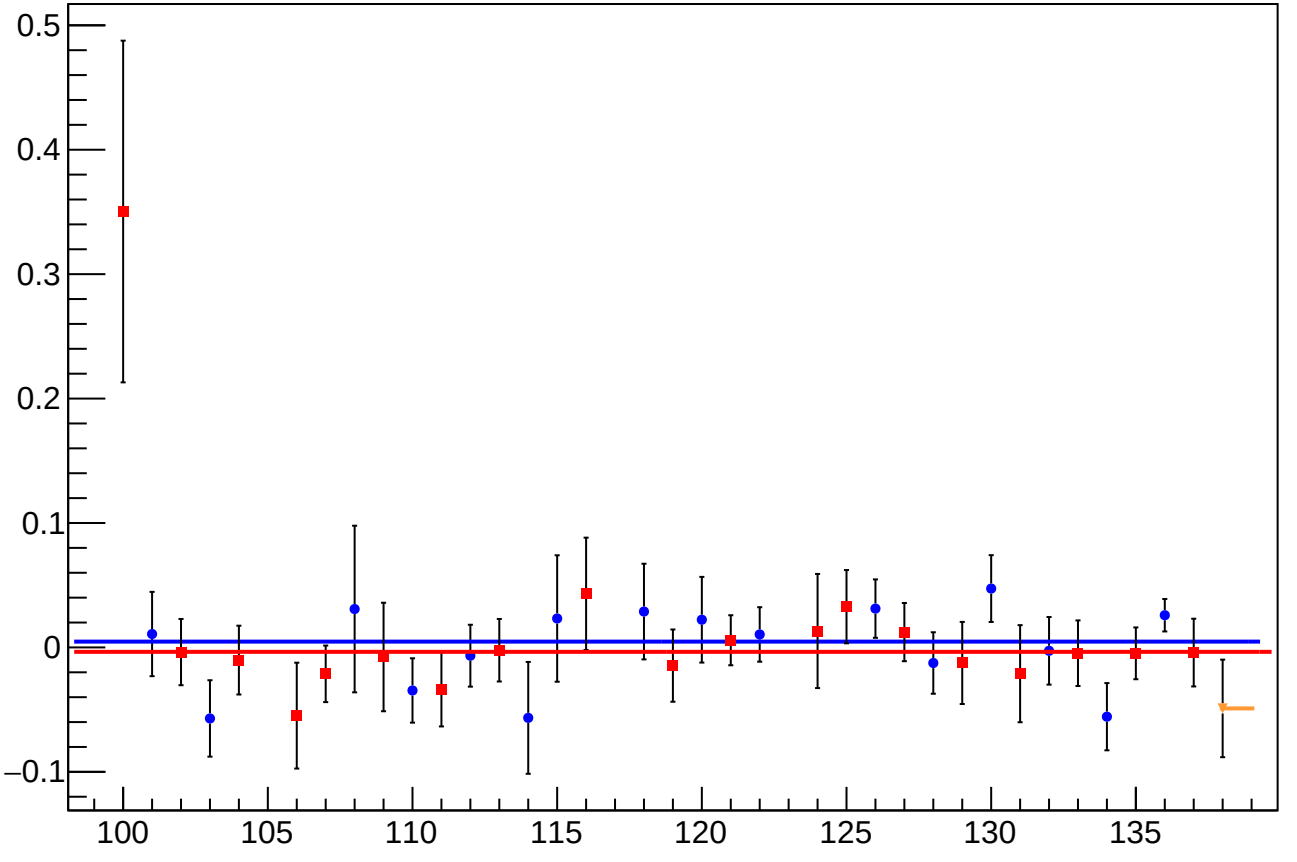
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 5021100.0/16

All: 0.000+/-0.000 χ^2/NDF: 9302813.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005+/-0.007 χ^2/NDF: 21.5/15

Left Out: -0.049+/-0.039 χ^2/NDF:0.0/0

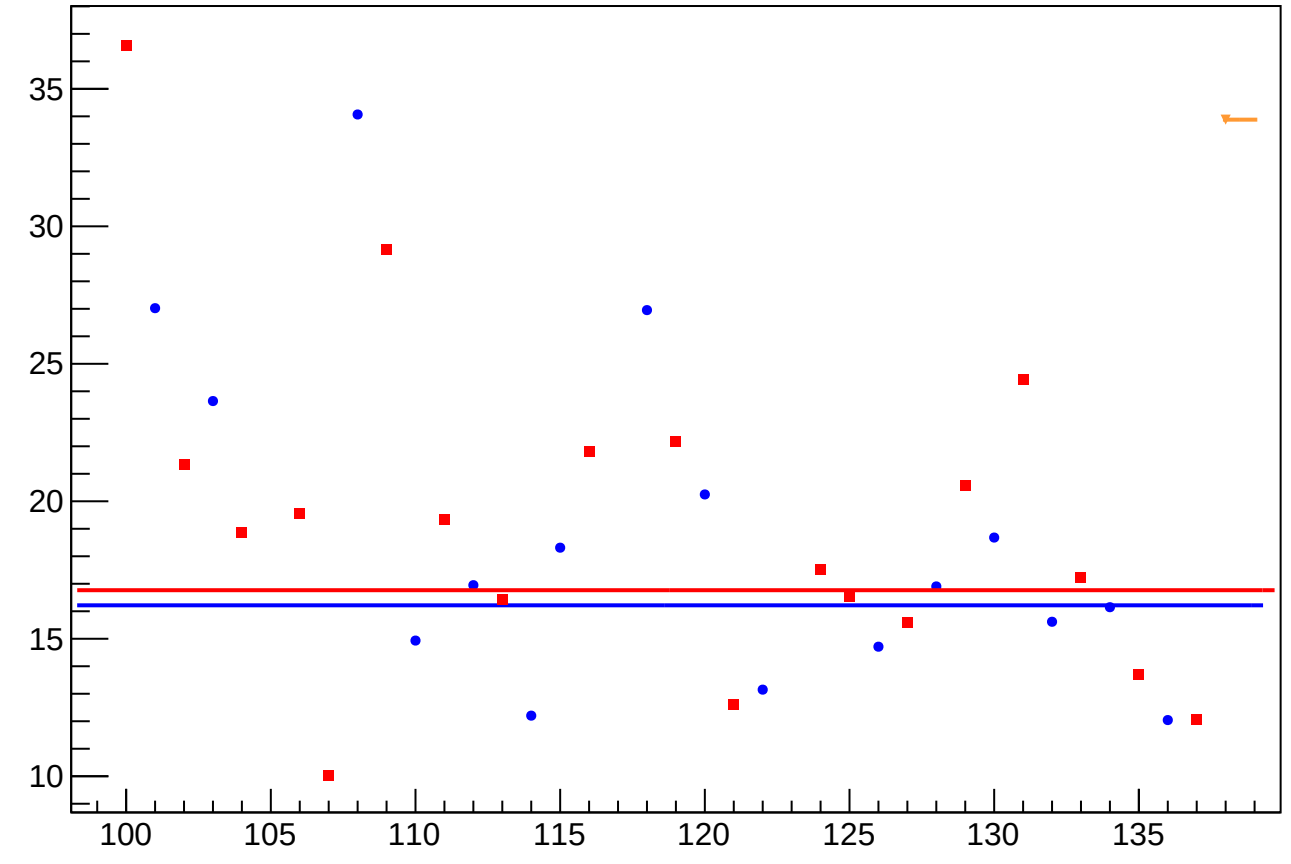
Right Out: -0.004+/-0.007 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.006 χ^2/NDF: 23.3/16

All: -0.000+/-0.005 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 16.216+/-0.005 χ^2/NDF: 943830.6/15

Left Out: 33.880+/-0.028 χ^2/NDF:0.0/0

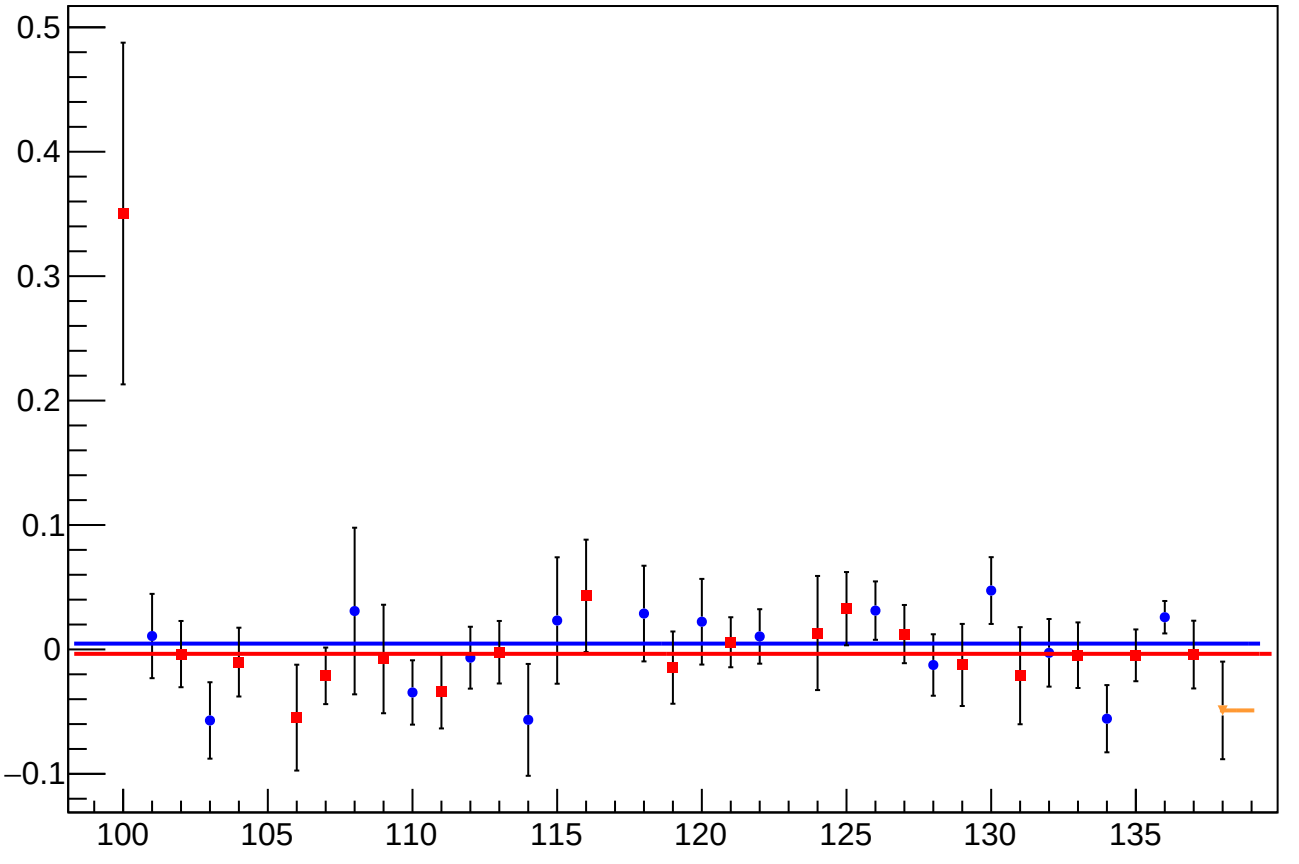
Right Out: 16.766+/-0.005 χ^2/NDF: 866705.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.698+/-0.005 χ^2/NDF: 1338544.2/16

All: 16.731+/-0.003 χ^2/NDF: 2205357.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.005+/-0.007 χ^2/NDF: 21.5/15

Left Out: -0.049+/-0.039 χ^2/NDF:0.0/0

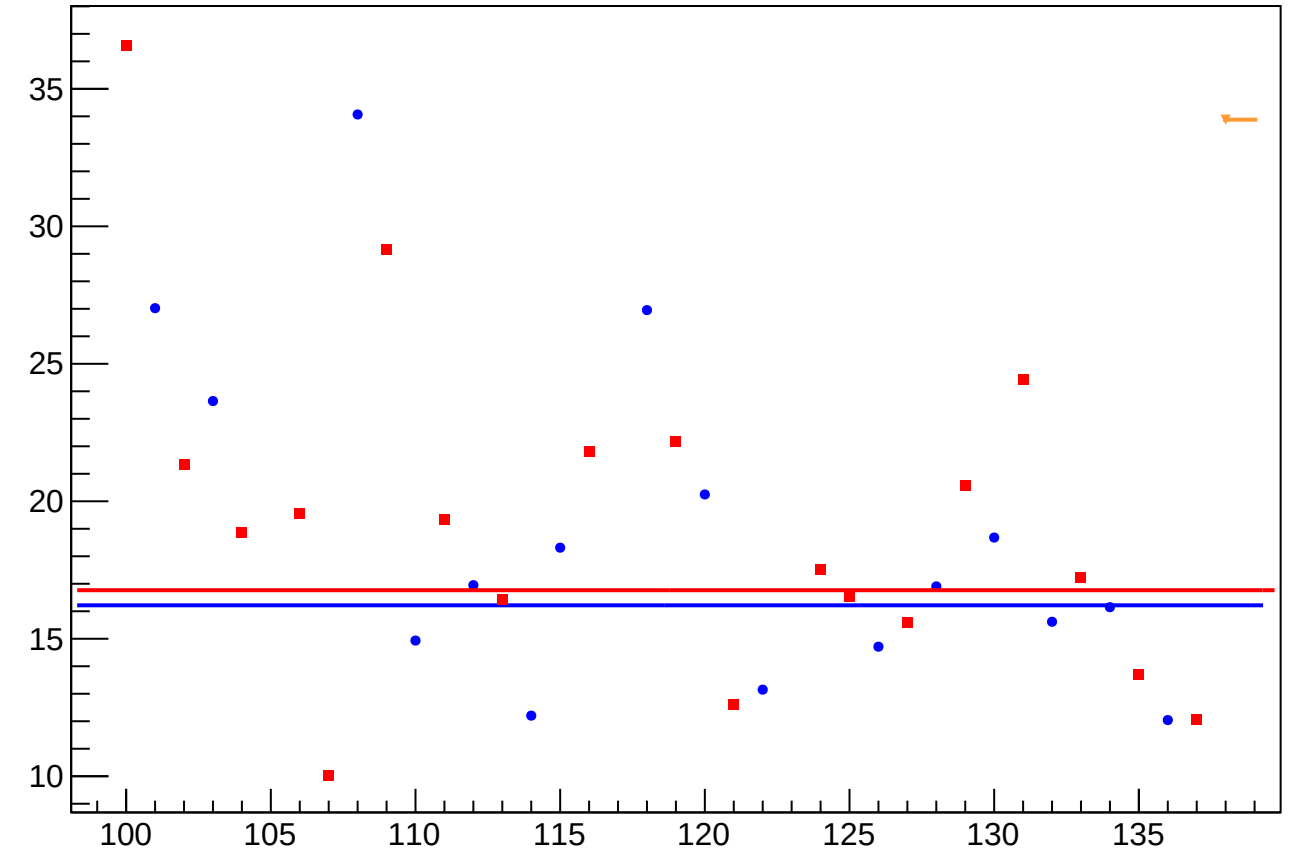
Right Out: -0.004+/-0.007 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.003+/-0.006 χ^2/NDF: 23.3/16

All: -0.000+/-0.005 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 16.216+/-0.005 χ^2/NDF: 943830.6/15

Left Out: 33.880+/-0.028 χ^2/NDF:0.0/0

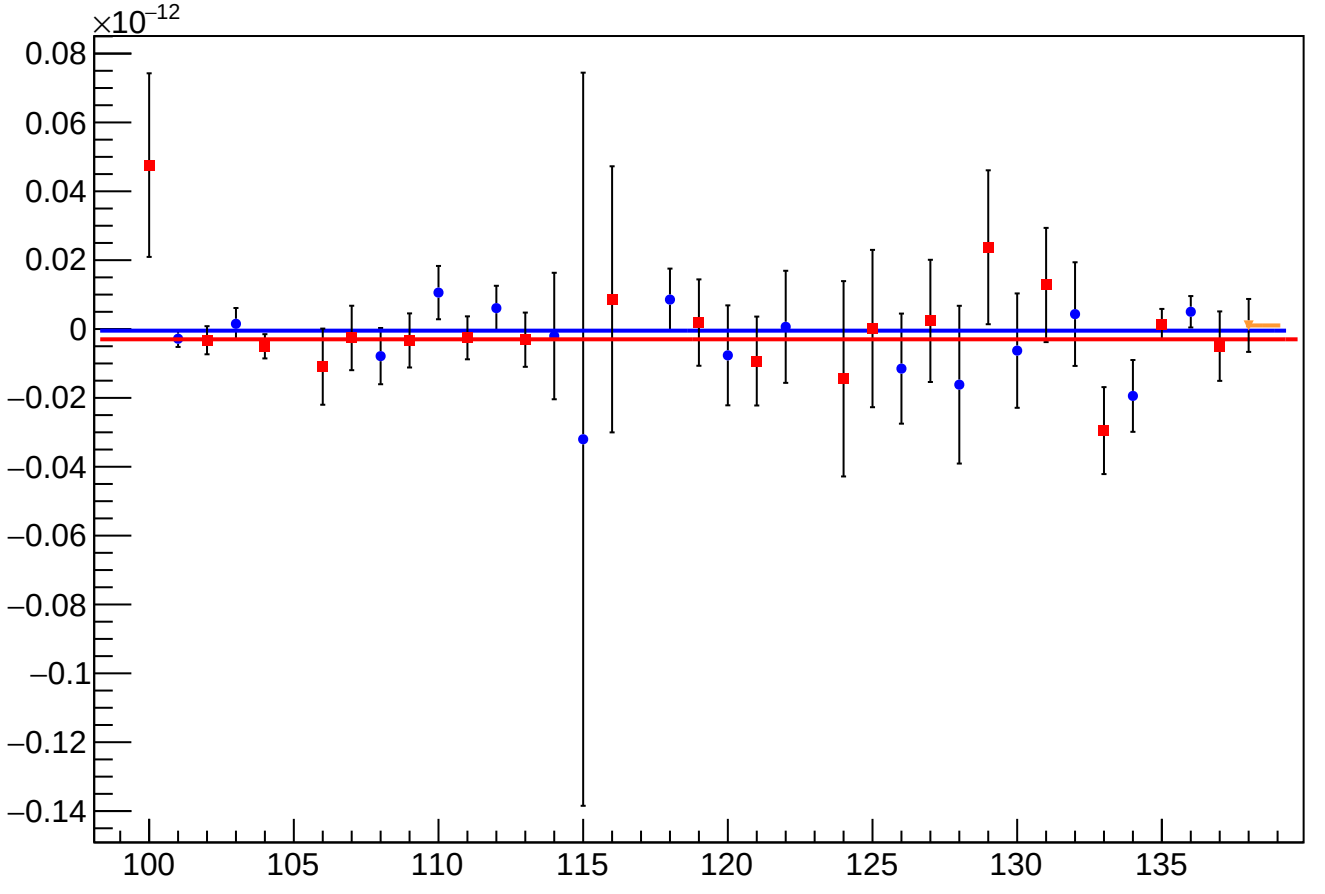
Right Out: 16.766+/-0.005 χ^2/NDF: 866705.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.698+/-0.005 χ^2/NDF: 1338544.2/16

All: 16.731+/-0.003 χ^2/NDF: 2205357.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

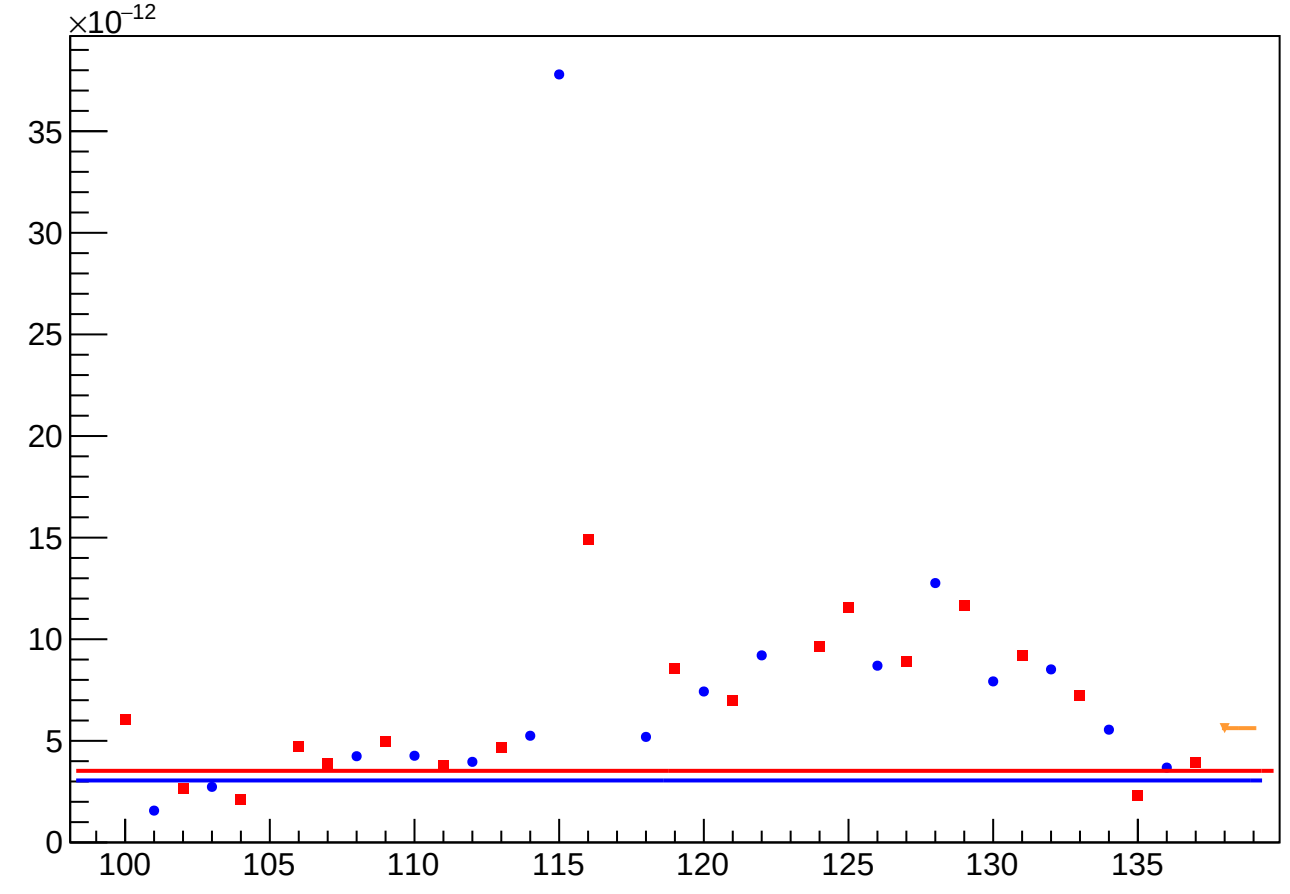
Right Out: -0.000+/-0.000 χ^2/NDF: 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 12.3/16

All: -0.000+/-0.000 χ^2/NDF: 26.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2937232.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2559080.1/18

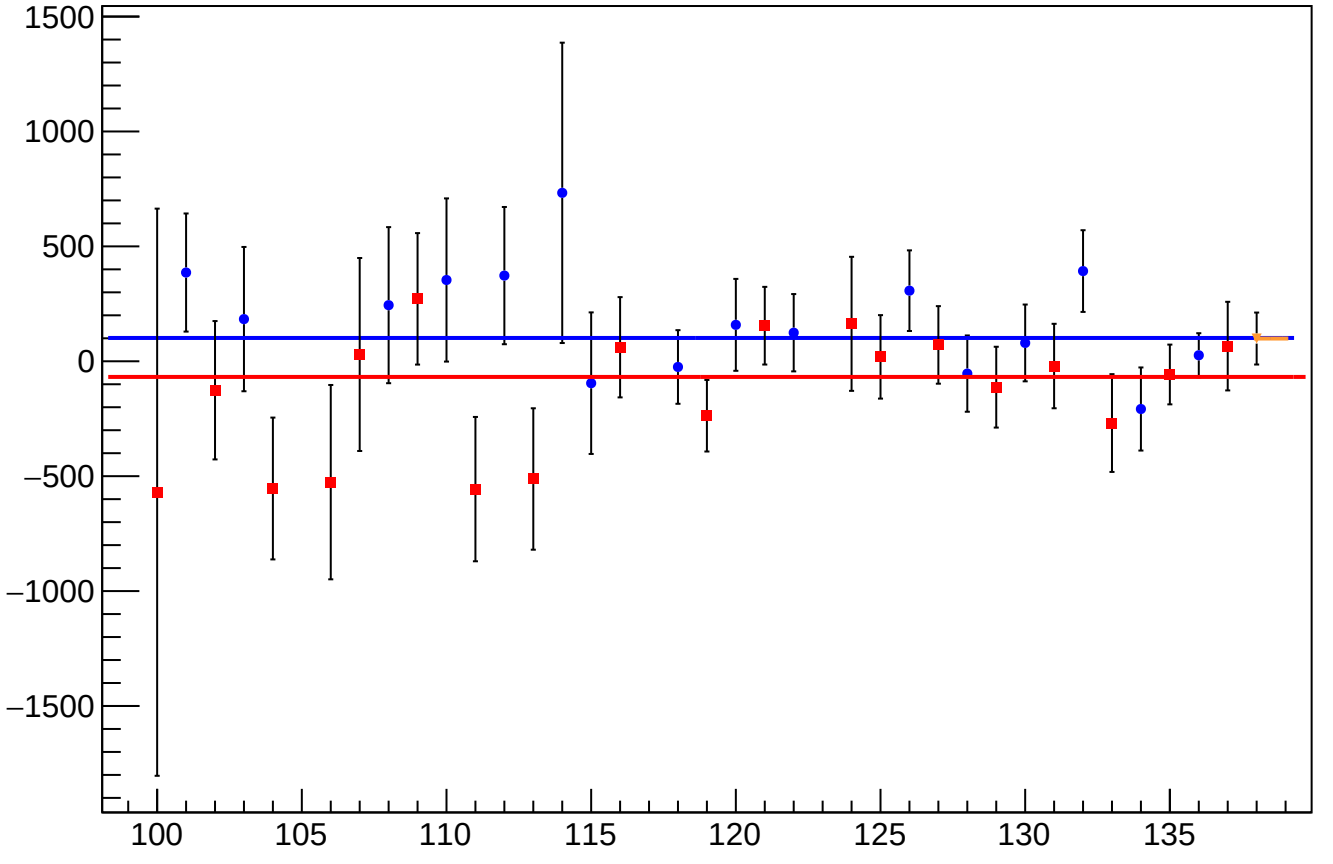
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3151836.3/16

All: 0.000+/-0.000 χ^2/NDF: 5756451.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 101.460+/-47.631 χ^2/NDF: 13.4/15

Left Out: 98.937+/-113.074 χ^2/NDF:0.0/0

Right Out: -68.108+/-49.327 χ^2/NDF: 16.1/18

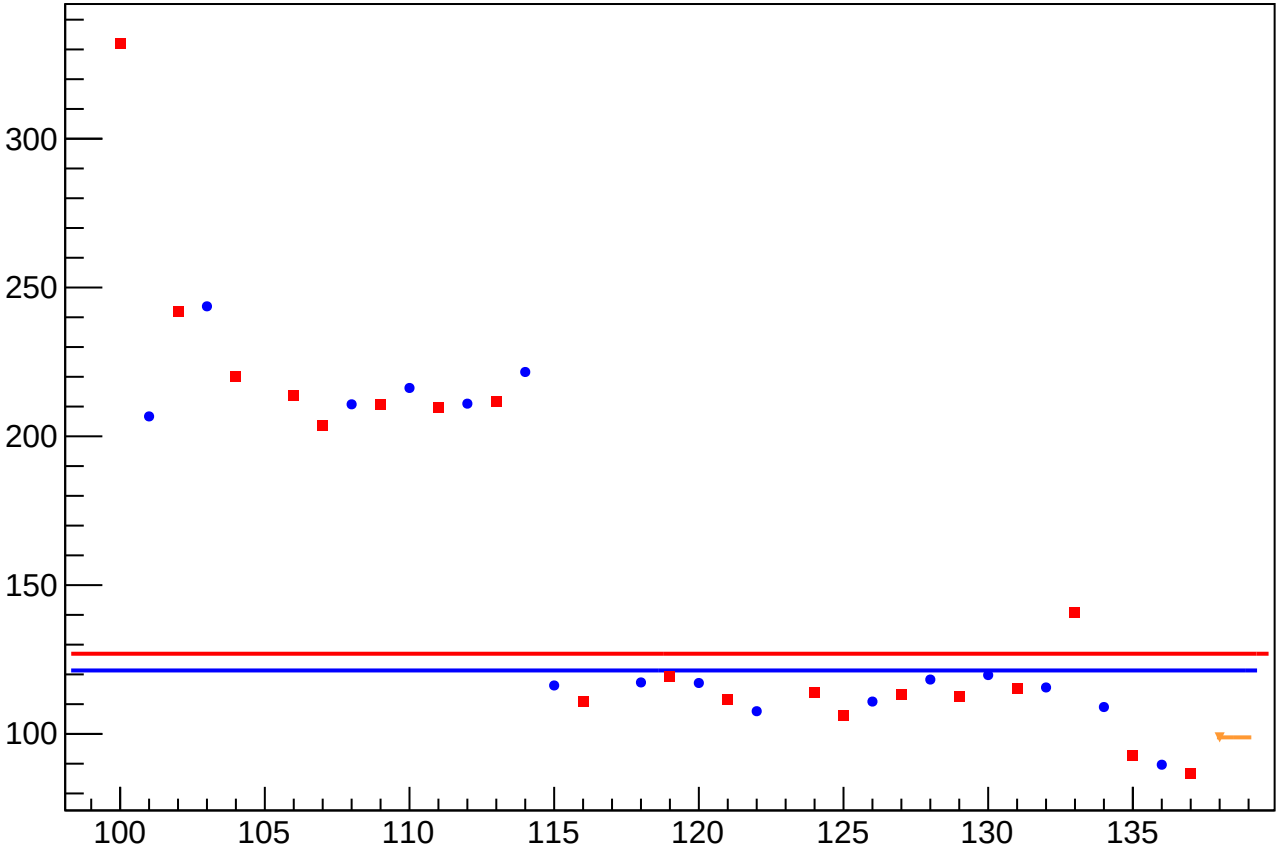
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 101.079+/-43.895 χ^2/NDF: 13.4/16

All: 26.311+/-32.792 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 121.325+/-0.034 χ^2/NDF: 1286651.5/15

Left Out: 98.842+/-0.080 χ^2/NDF:0.0/0

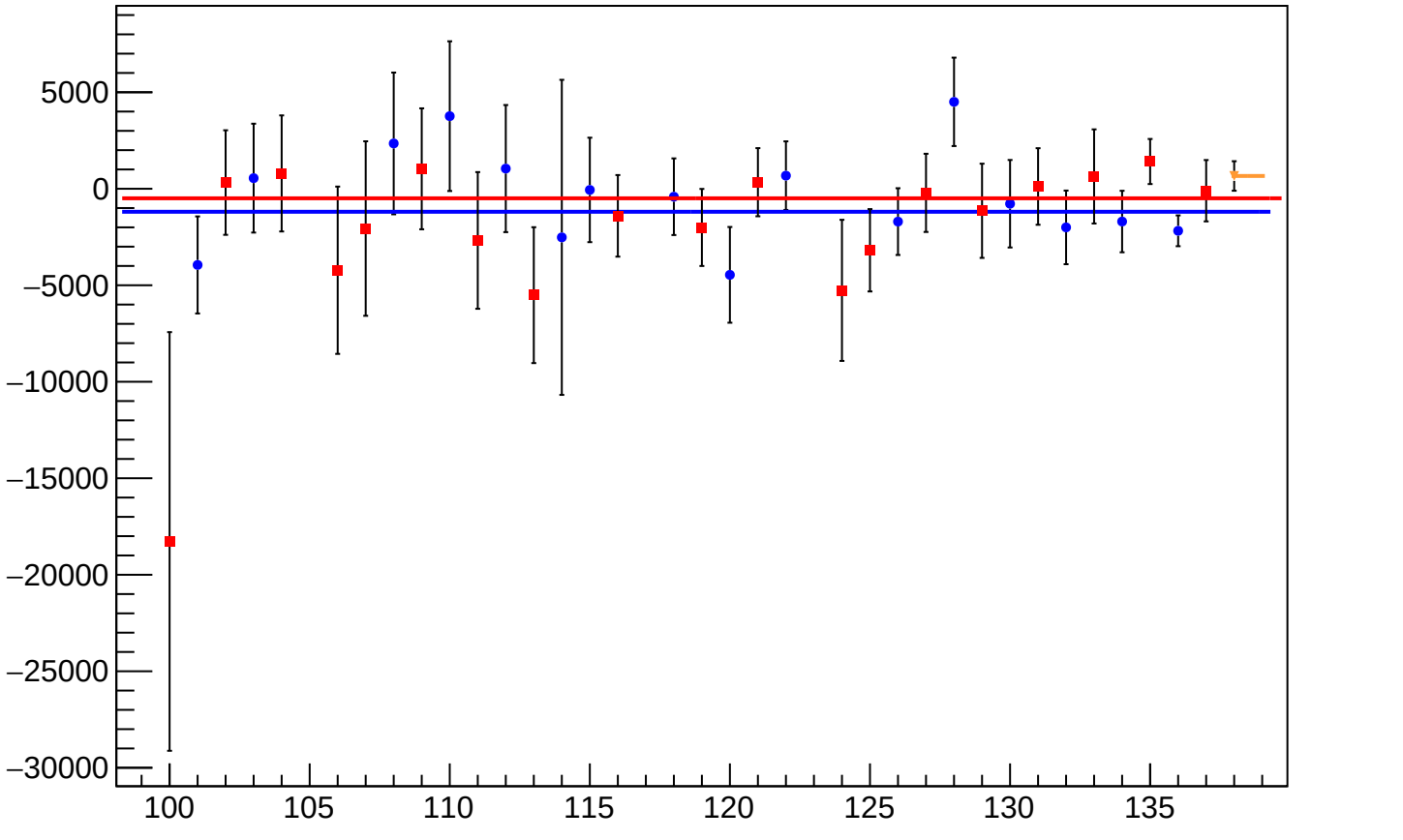
Right Out: 126.945+/-0.035 χ^2/NDF: 1471592.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 117.937+/-0.031 χ^2/NDF: 1353806.6/16

All: 121.918+/-0.023 χ^2/NDF: 2862616.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1192.168+/-478.908 χ^2/NDF: 15.9/15

Left Out: 662.572+/-764.784 χ^2/NDF:0.0/0

Right Out: -494.627+/-521.756 χ^2/NDF: 13.9/18

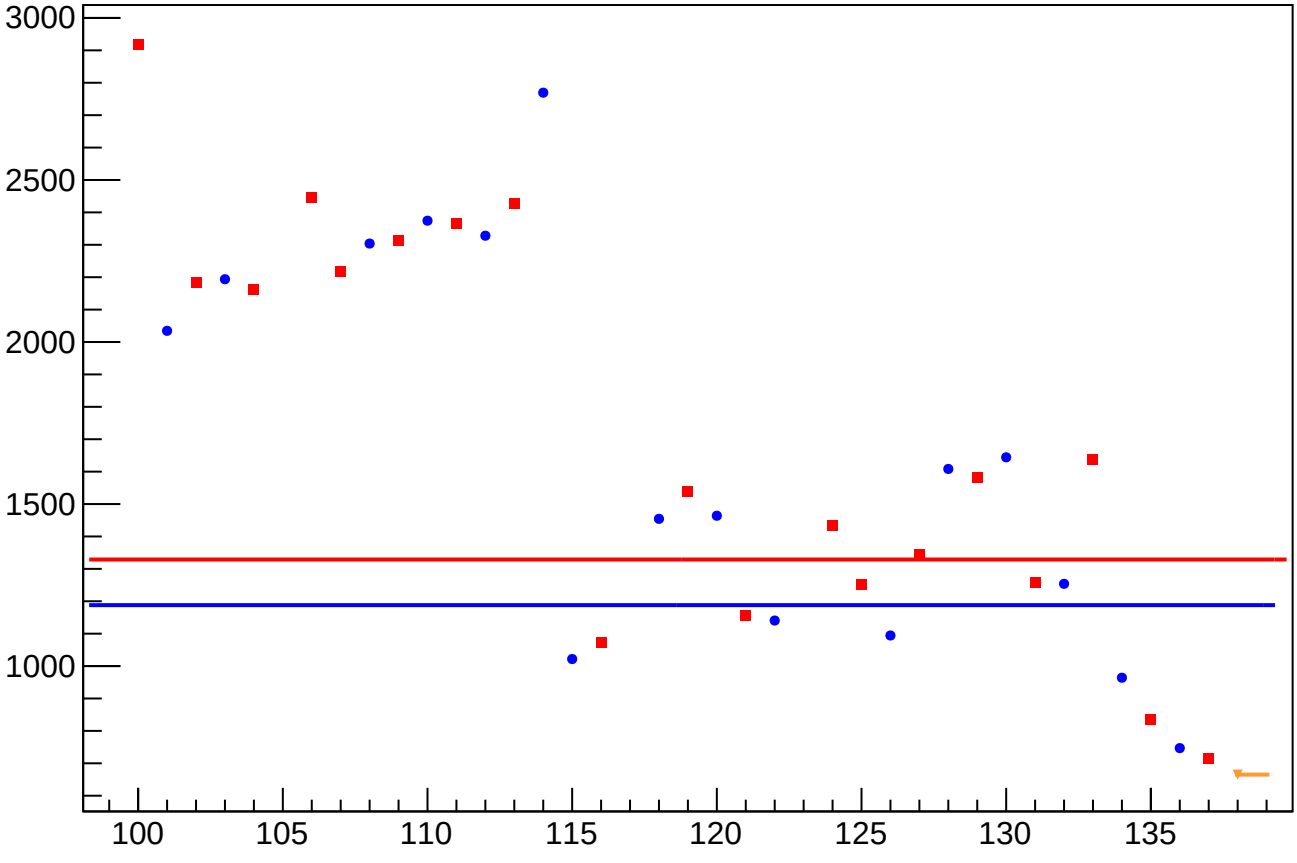
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -669.735+/-405.894 χ^2/NDF: 20.1/16

All: -603.716+/-320.368 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 1188.069+/-0.339 χ^2/NDF: 2044635.7/15

Left Out: 665.057+/-0.541 χ^2/NDF:0.0/0

Right Out: 1328.816+/-0.369 χ^2/NDF: 1957758.3/18

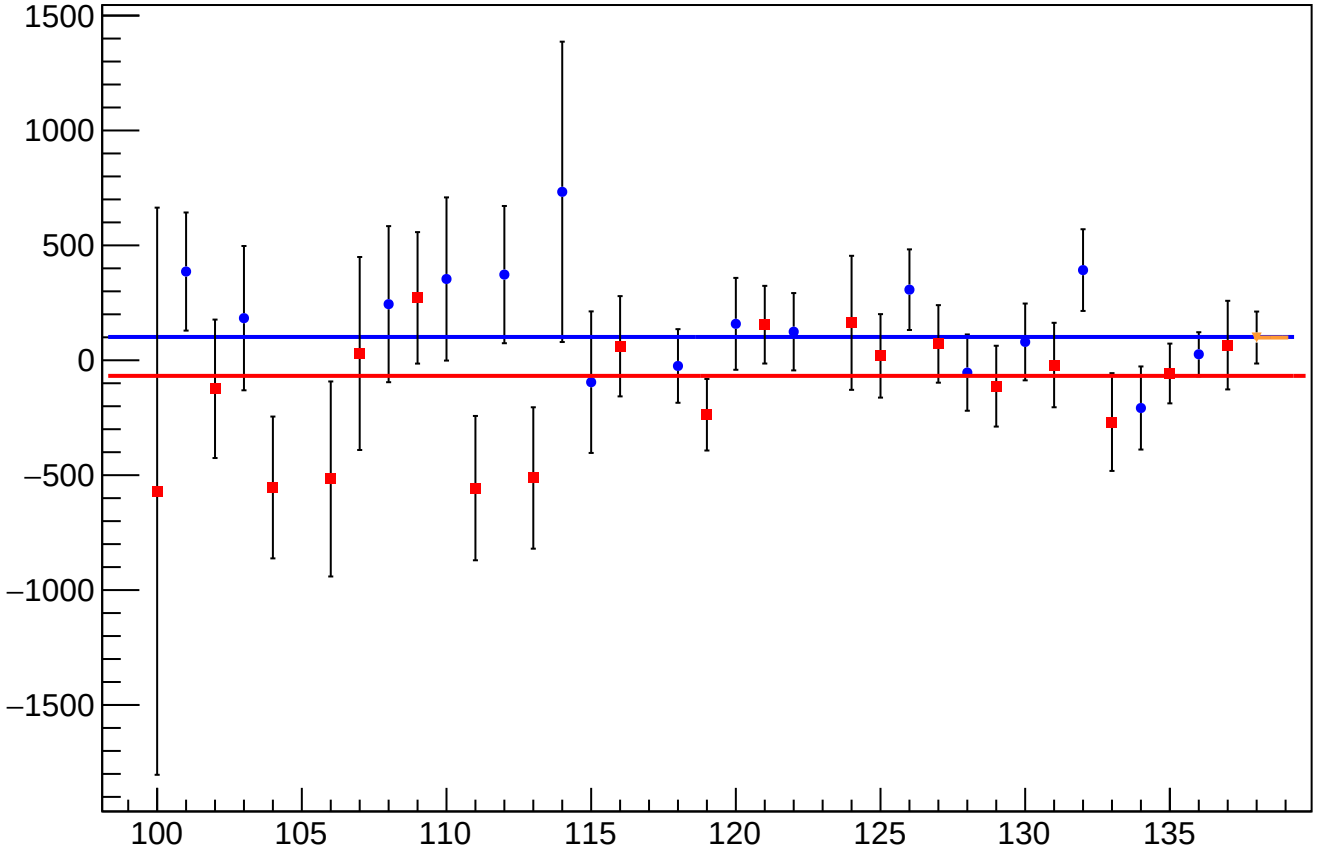
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1040.750+/-0.287 χ^2/NDF: 2716525.3/16

All: 1149.357+/-0.227 χ^2/NDF: 5054083.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 101.446+/-47.631 χ^2/NDF: 13.3/15

Left Out: 98.937+/-113.074 χ^2/NDF:0.0/0

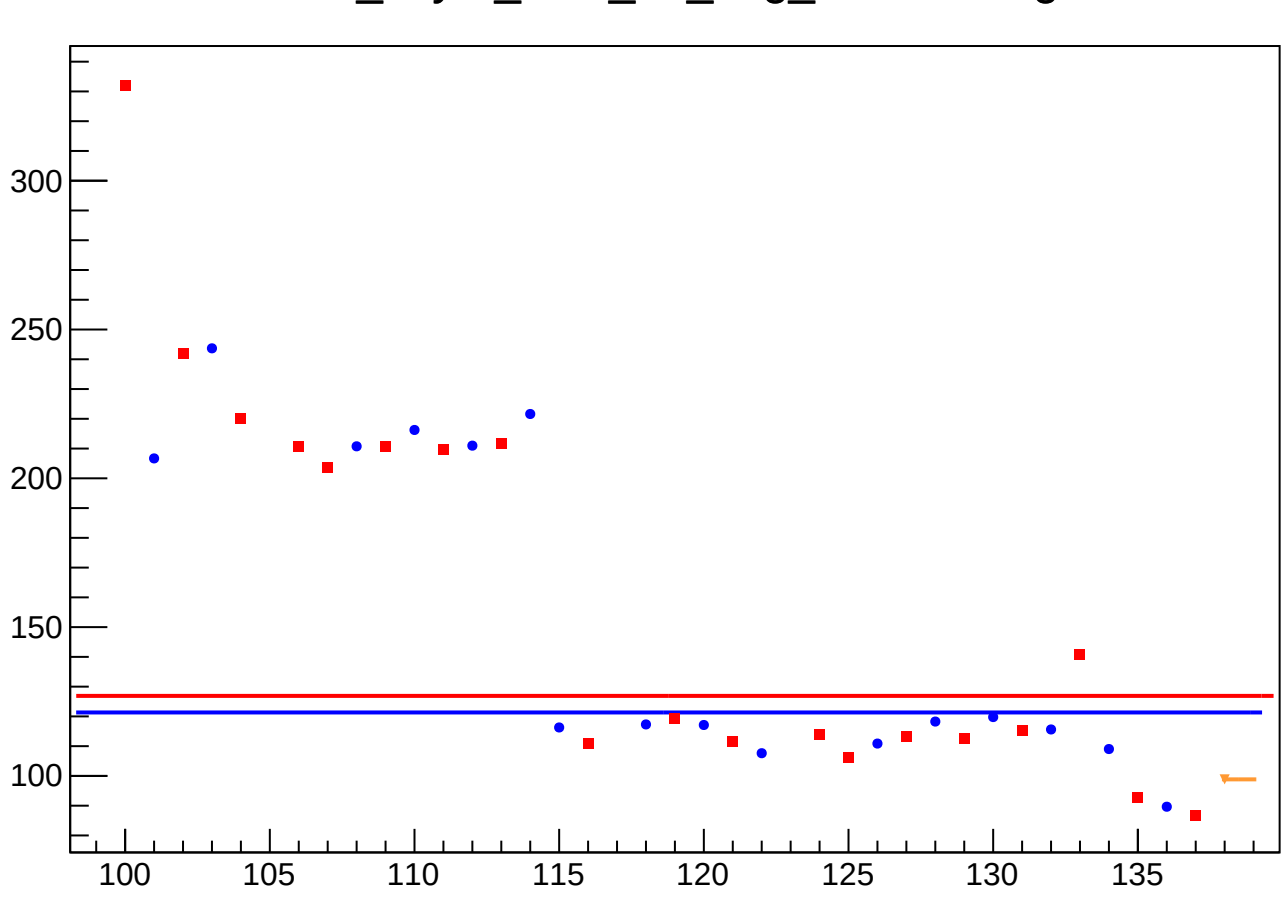
Right Out: -67.881+/-49.331 χ^2/NDF: 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 101.068+/-43.895 χ^2/NDF: 13.3/16

All: 26.410+/-32.793 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 121.325+/-0.034 χ^2/NDF: 1286654.0/15

Left Out: 98.842+/-0.080 χ^2/NDF:0.0/0

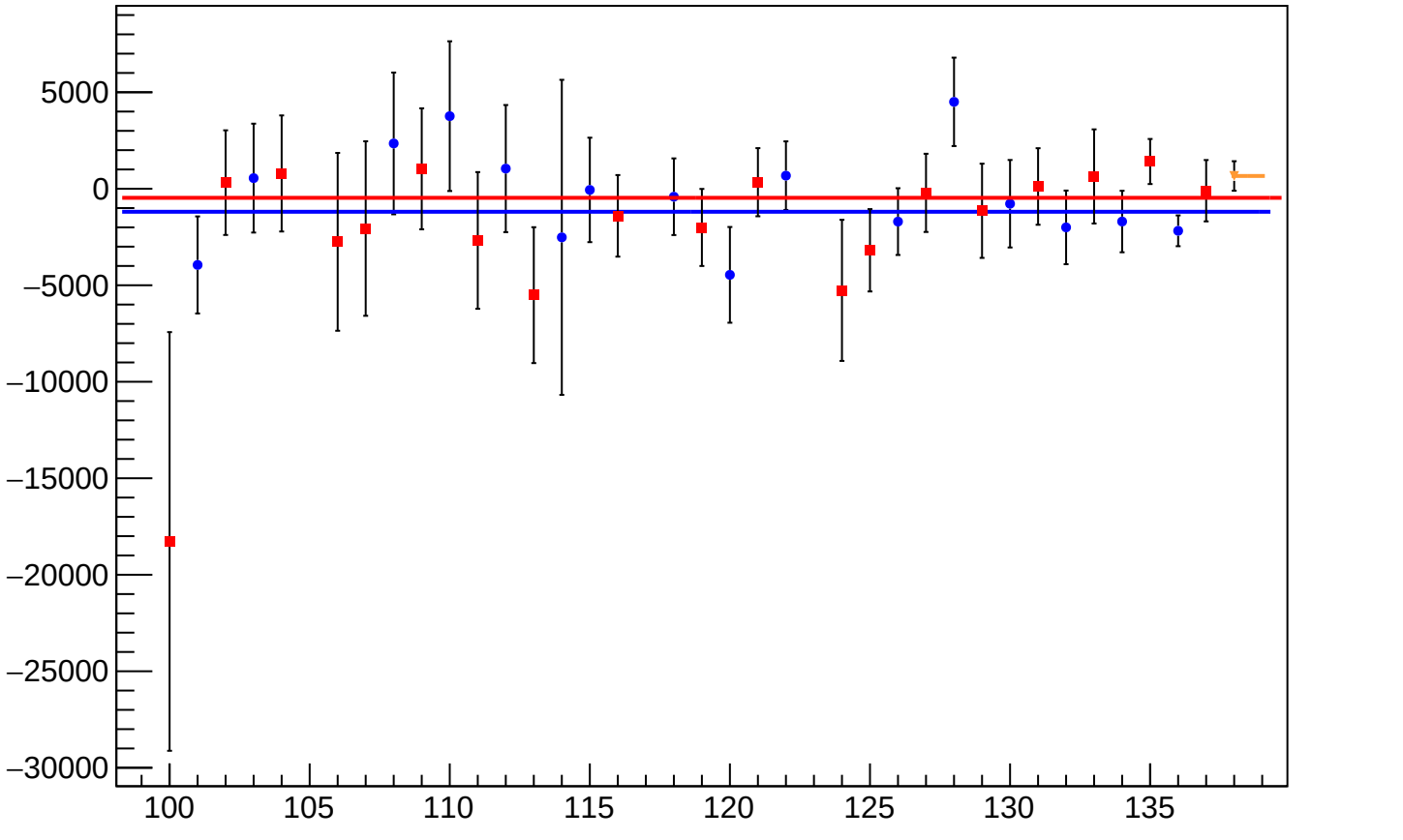
Right Out: 126.895+/-0.035 χ^2/NDF: 1465478.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 117.937+/-0.031 χ^2/NDF: 1353809.1/16

All: 121.896+/-0.023 χ^2/NDF: 2856091.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1192.145+/-478.909 χ^2/NDF: 15.9/15

Left Out: 662.561+/-764.783 χ^2/NDF:0.0/0

Right Out: -469.736+/-522.203 χ^2/NDF: 13.4/18

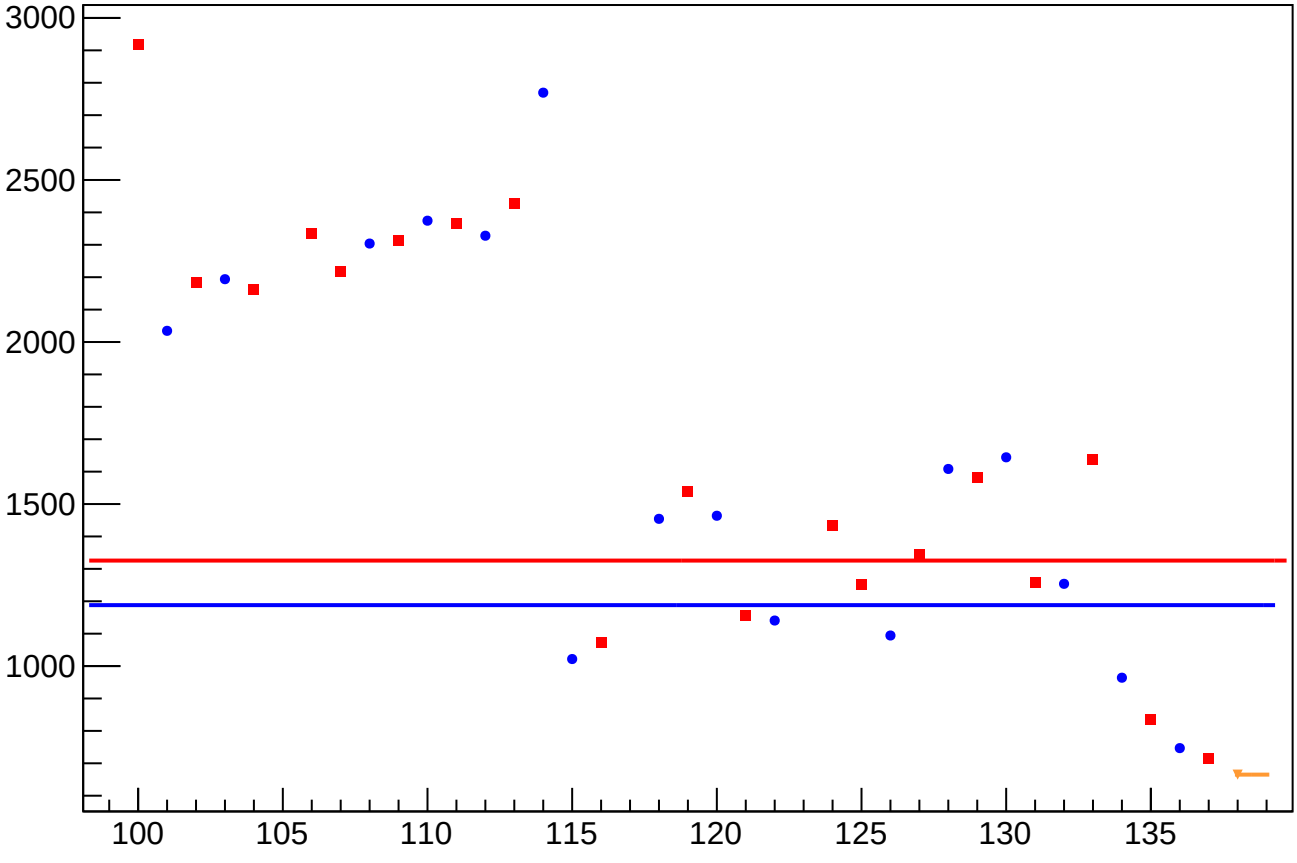
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -669.719+/-405.894 χ^2/NDF: 20.1/16

All: -594.402+/-320.472 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 1188.069+/-0.339 χ^2/NDF: 2044666.3/15

Left Out: 665.057+/-0.541 χ^2/NDF:0.0/0

Right Out: 1325.564+/-0.369 χ^2/NDF: 1920986.7/18

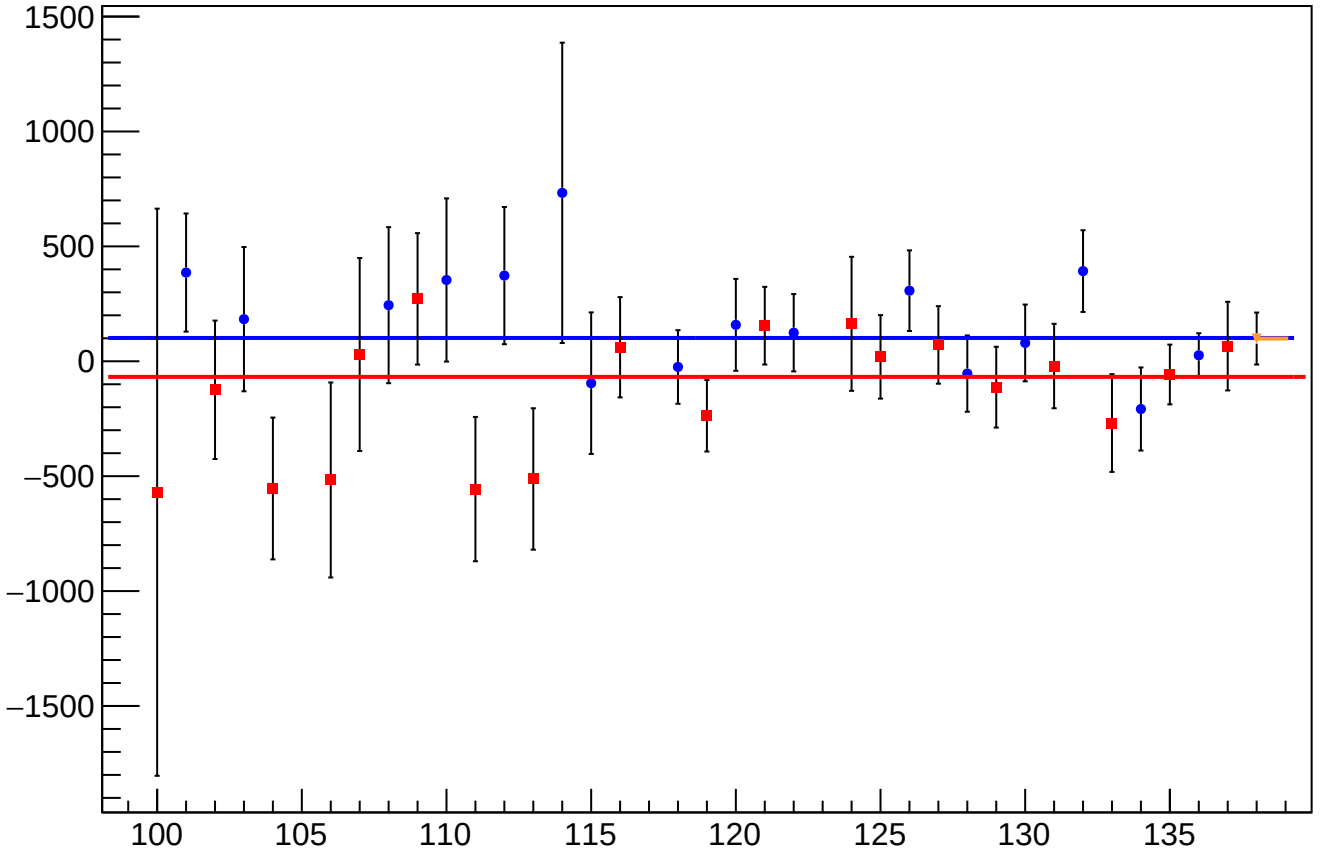
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1040.749+/-0.287 χ^2/NDF: 2716555.4/16

All: 1148.016+/-0.227 χ^2/NDF: 5008419.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 101.446+/-47.631 χ^2/NDF: 13.3/15

Left Out: 98.937+/-113.074 χ^2/NDF:0.0/0

Right Out: -67.881+/-49.331 χ^2/NDF: 16.1/18

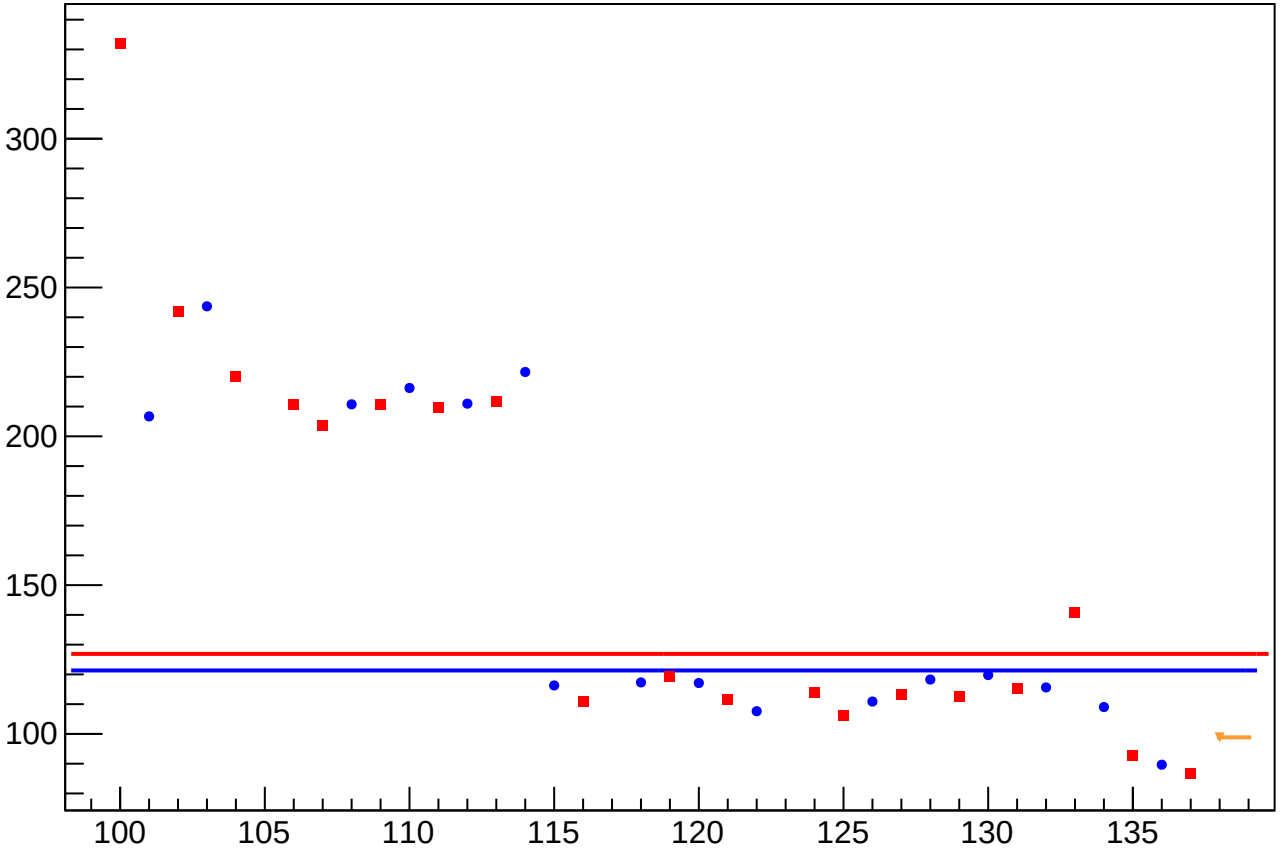
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 101.068+/-43.895 χ^2/NDF: 13.3/16

All: 26.410+/-32.793 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 121.325+/-0.034 χ^2/NDF: 1286654.0/15

Left Out: 98.842+/-0.080 χ^2/NDF:0.0/0

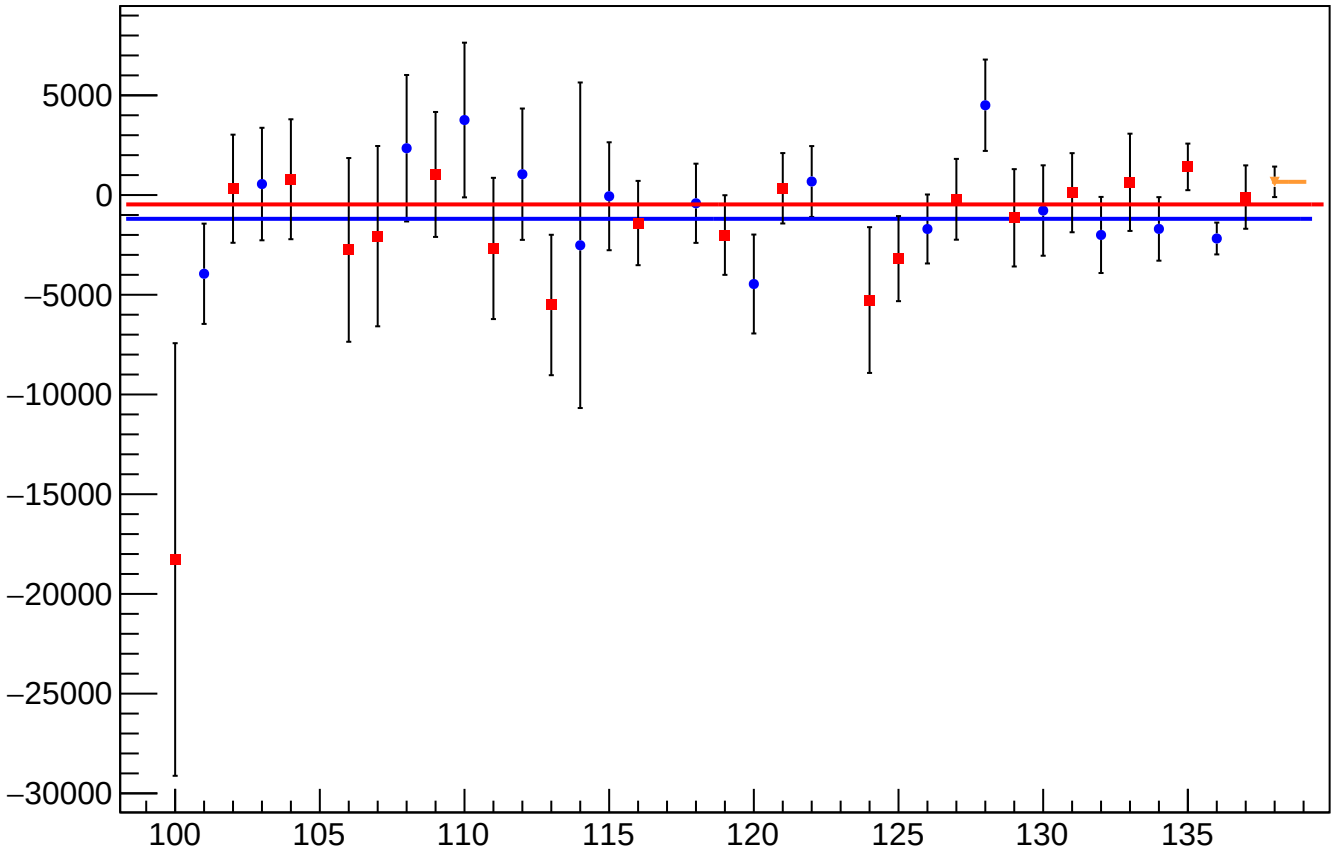
Right Out: 126.895+/-0.035 χ^2/NDF: 1465478.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 117.937+/-0.031 χ^2/NDF: 1353809.1/16

All: 121.896+/-0.023 χ^2/NDF: 2856091.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1192.145+/-478.909 χ^2/NDF: 15.9/15

Left Out: 662.561+/-764.783 χ^2/NDF:0.0/0

Right Out: -469.736+/-522.203 χ^2/NDF: 13.4/18

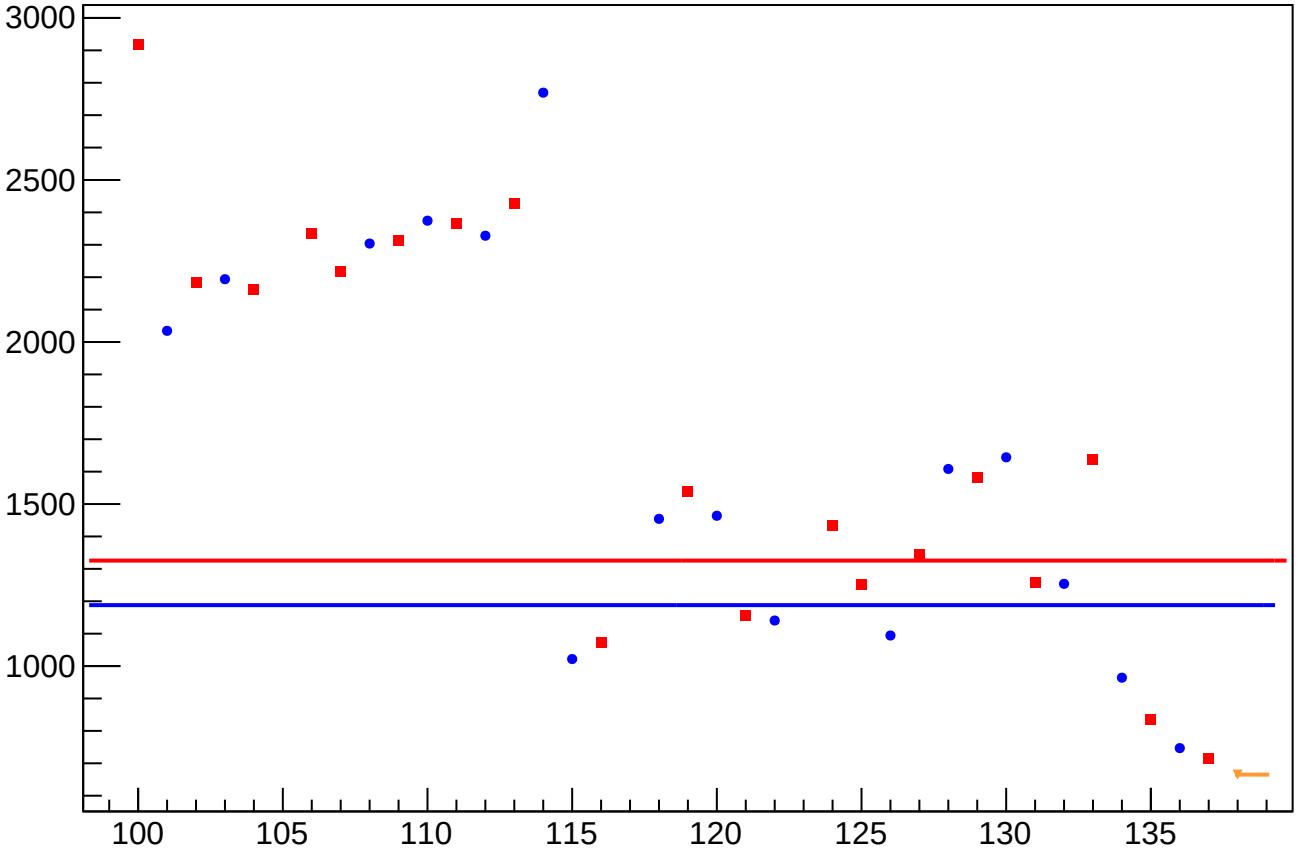
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -669.719+/-405.894 χ^2/NDF: 20.1/16

All: -594.402+/-320.472 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 1188.069+/-0.339 χ^2/NDF: 2044666.3/15

Left Out: 665.057+/-0.541 χ^2/NDF:0.0/0

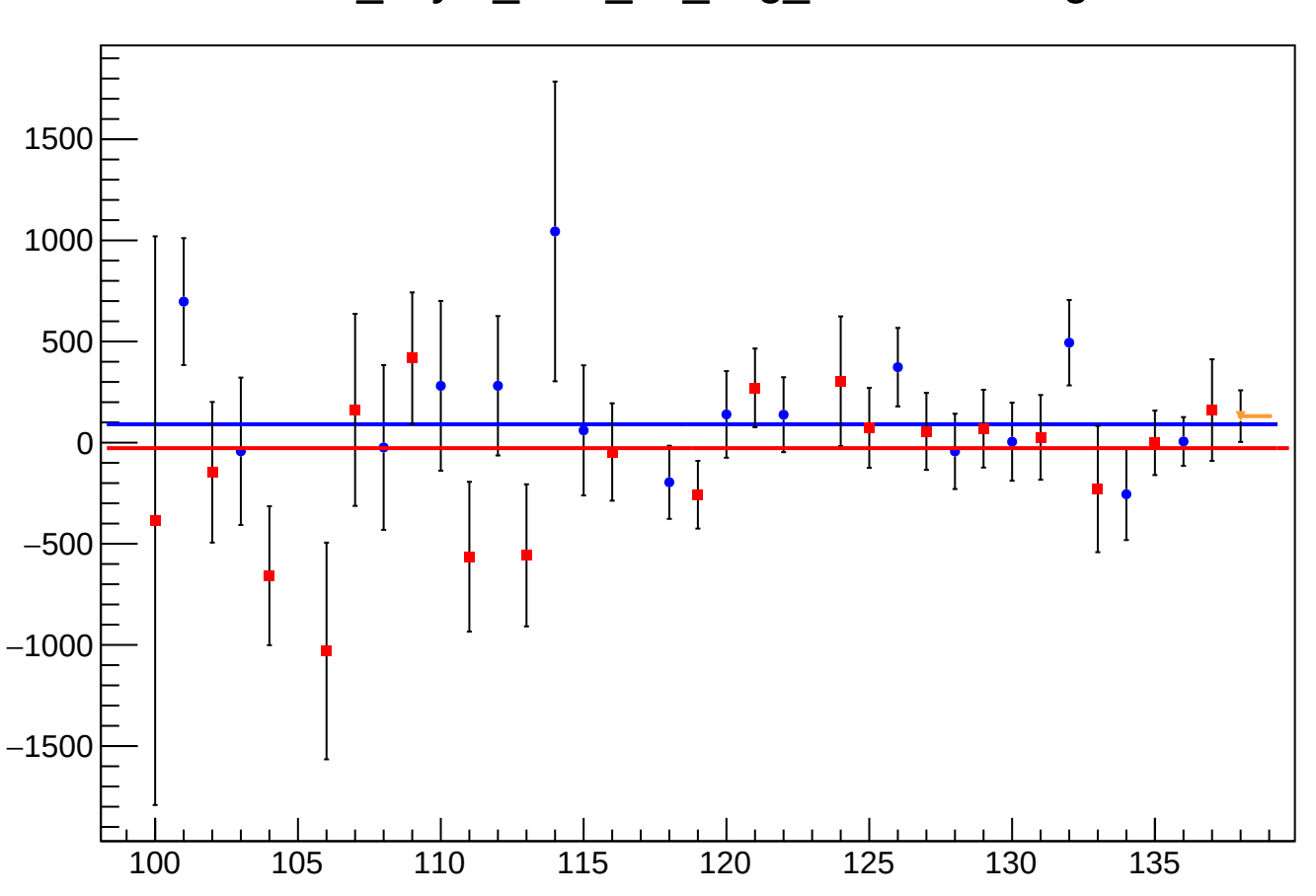
Right Out: 1325.564+/-0.369 χ^2/NDF: 1920986.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1040.749+/-0.287 χ^2/NDF: 2716555.4/16

All: 1148.016+/-0.227 χ^2/NDF: 5008419.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 90.908+/-55.565 χ^2/NDF: 18.1/15

Left Out: 131.121+/-127.607 χ^2/NDF:0.0/0

Right Out: -27.170+/-57.015 χ^2/NDF: 20.6/18

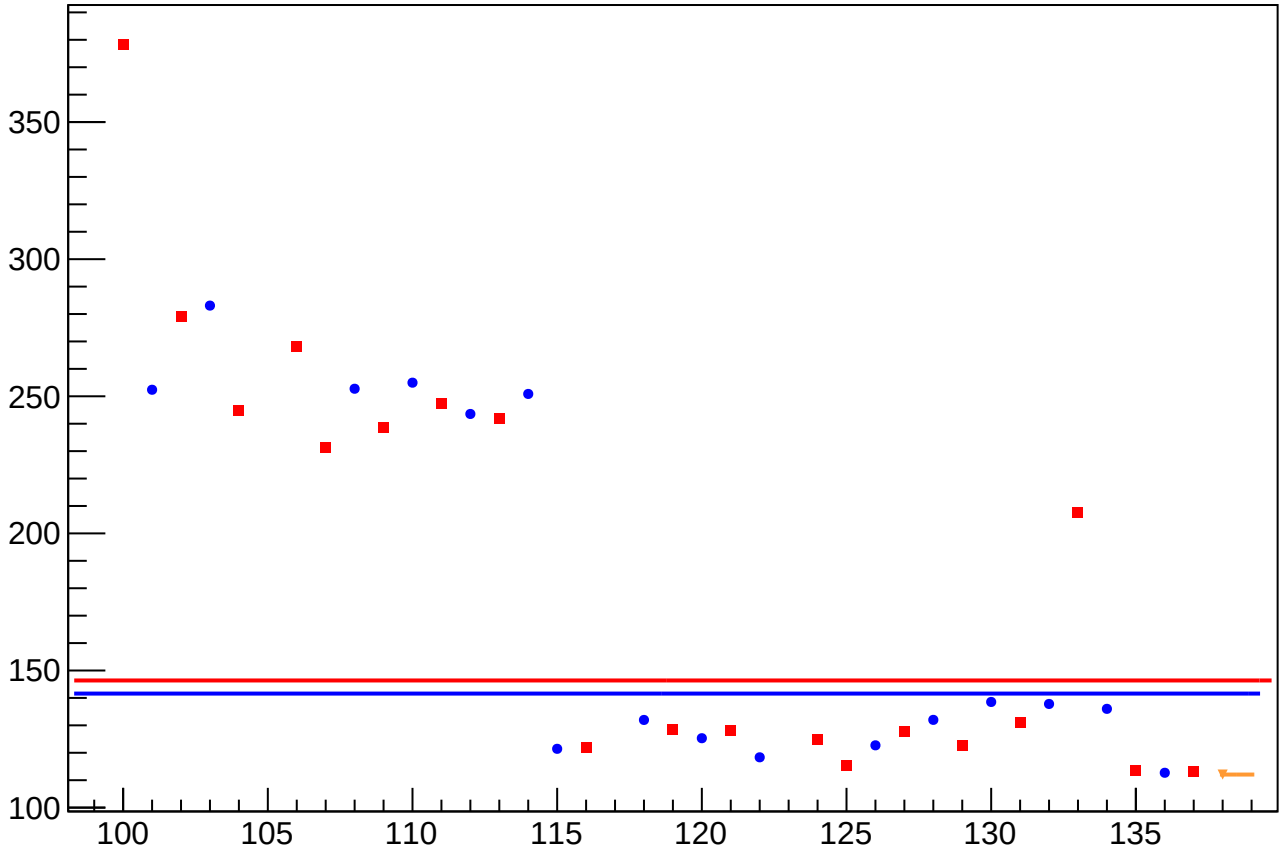
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 97.317+/-50.944 χ^2/NDF: 18.2/16

All: 42.052+/-37.989 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 141.586+/-0.039 χ^2/NDF: 1262366.8/15

Left Out: 112.058+/-0.090 χ^2/NDF:0.0/0

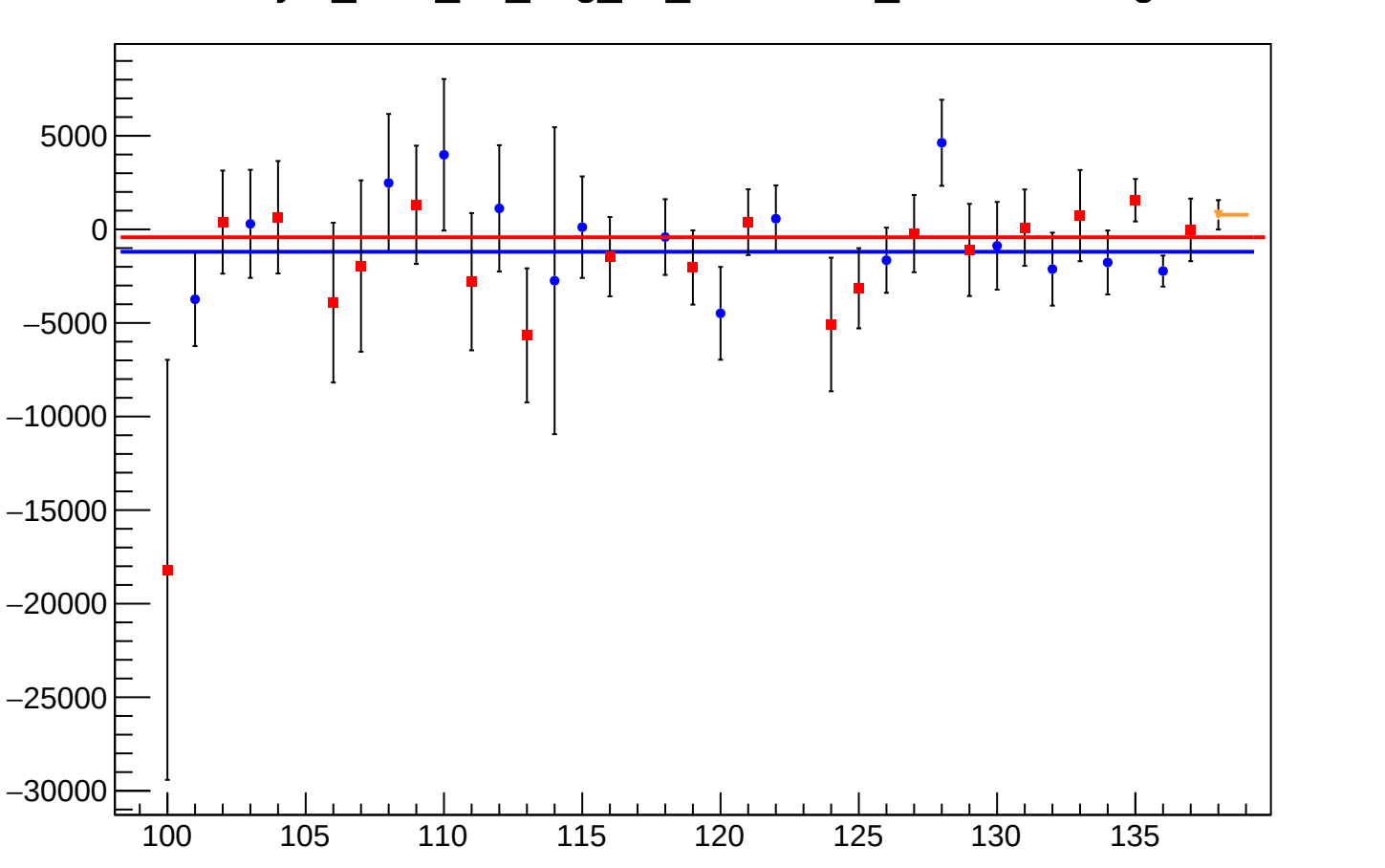
Right Out: 146.368+/-0.040 χ^2/NDF: 1513656.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.880+/-0.036 χ^2/NDF: 1352392.2/16

All: 141.092+/-0.027 χ^2/NDF: 2896849.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1196.663+/-491.384 χ^2/NDF: 16.0/15

Left Out: 778.511+/-785.984 χ^2/NDF:0.0/0

Right Out: -422.161+/-523.834 χ^2/NDF: 14.3/18

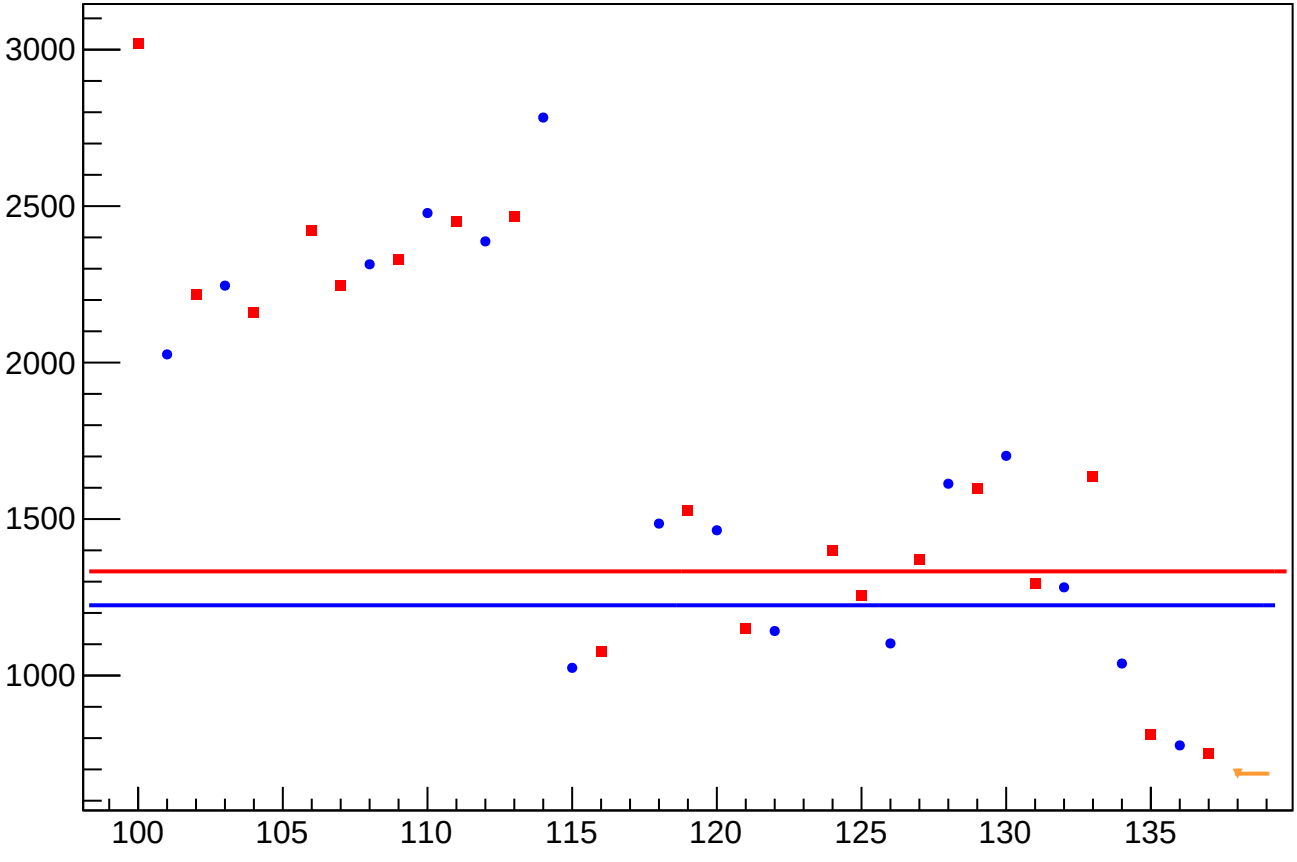
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -641.604+/-416.658 χ^2/NDF: 20.5/16

All: -556.569+/-326.086 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 1224.470+/-0.347 χ^2/NDF: 1959362.3/15

Left Out: 686.548+/-0.556 χ^2/NDF:0.0/0

Right Out: 1332.785+/-0.370 χ^2/NDF: 1994811.5/18

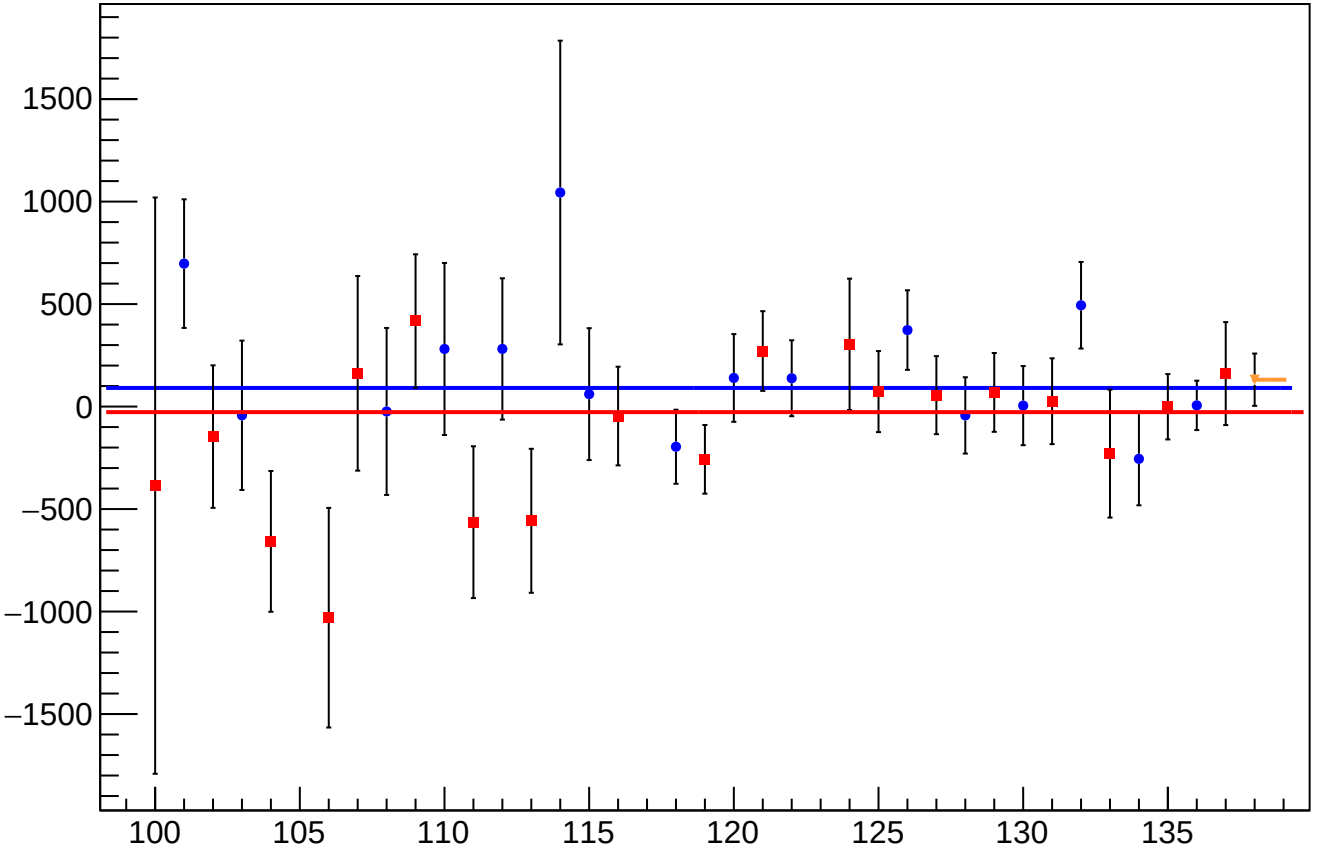
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1073.305+/-0.295 χ^2/NDF: 2632897.7/16

All: 1173.854+/-0.231 χ^2/NDF: 4928285.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 90.910+/-55.564 χ^2/NDF: 18.1/15

Left Out: 131.113+/-127.607 χ^2/NDF:0.0/0

Right Out: -27.170+/-57.015 χ^2/NDF: 20.6/18

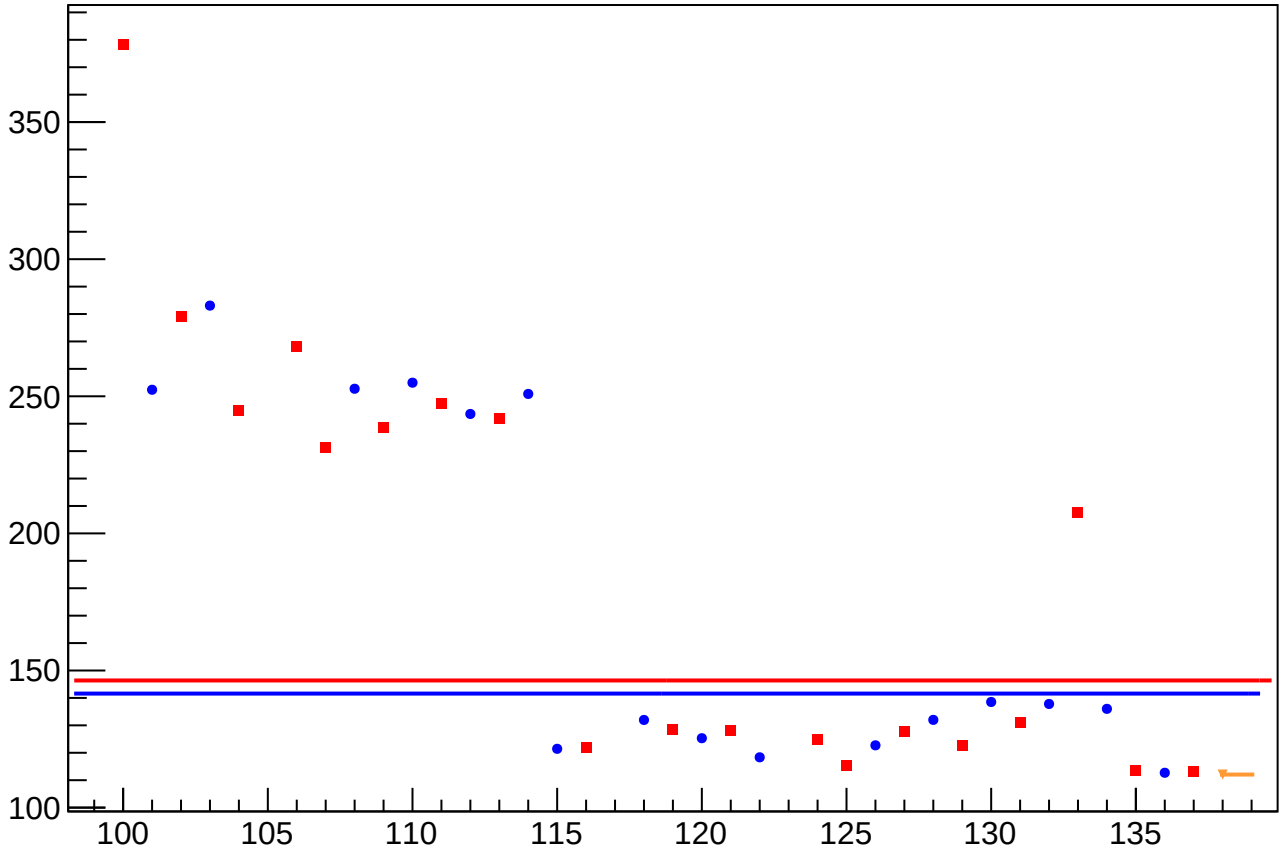
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 97.318+/-50.944 χ^2/NDF: 18.2/16

All: 42.052+/-37.989 χ^2/NDF: 41.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 141.586+/-0.039 χ^2/NDF: 1262350.2/15

Left Out: 112.057+/-0.090 χ^2/NDF:0.0/0

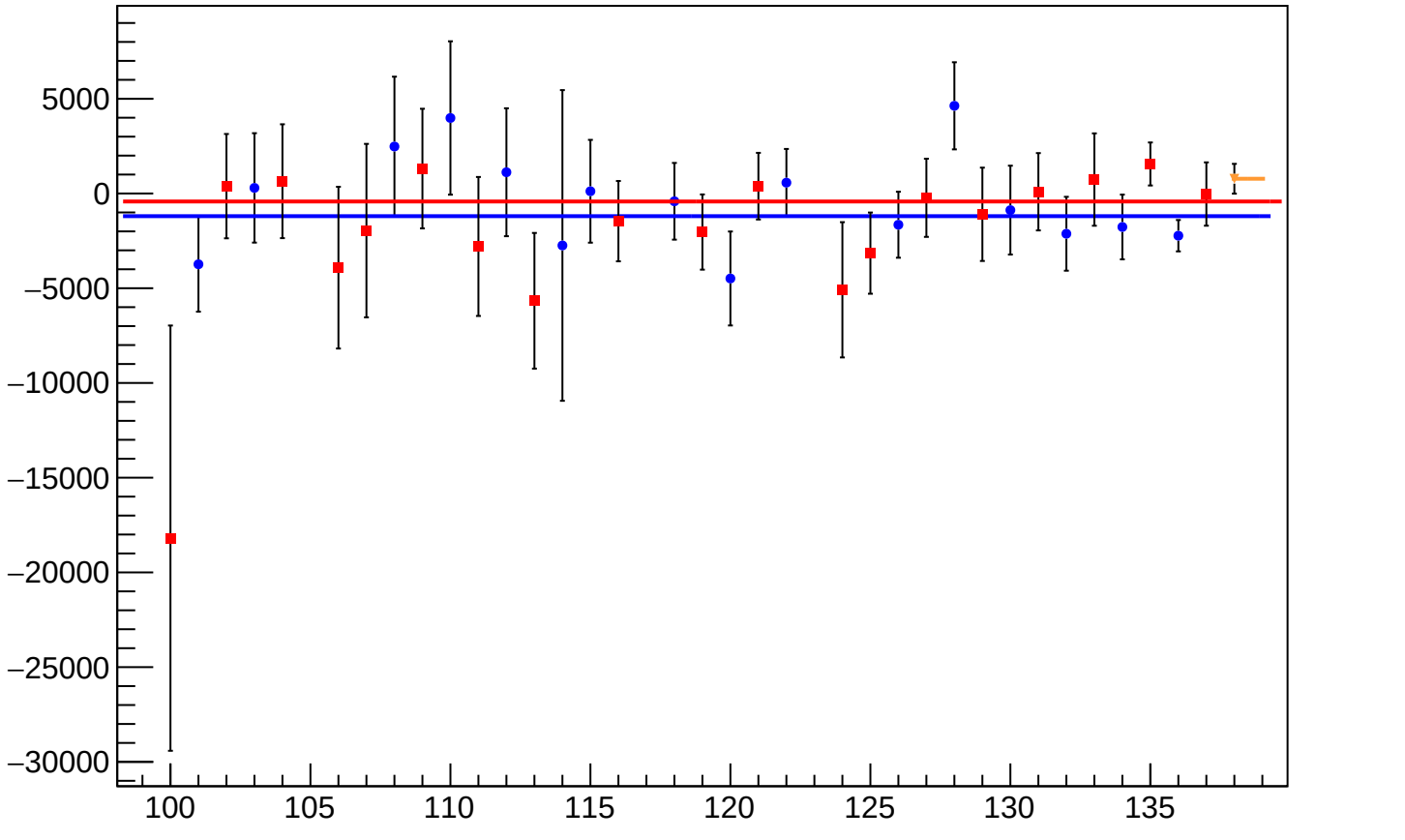
Right Out: 146.368+/-0.040 χ^2/NDF: 1513641.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.879+/-0.036 χ^2/NDF: 1352374.6/16

All: 141.092+/-0.027 χ^2/NDF: 2896819.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1196.659+/-491.383 χ^2/NDF: 16.0/15

Left Out: 778.504+/-785.979 χ^2/NDF:0.0/0

Right Out: -422.163+/-523.833 χ^2/NDF: 14.3/18

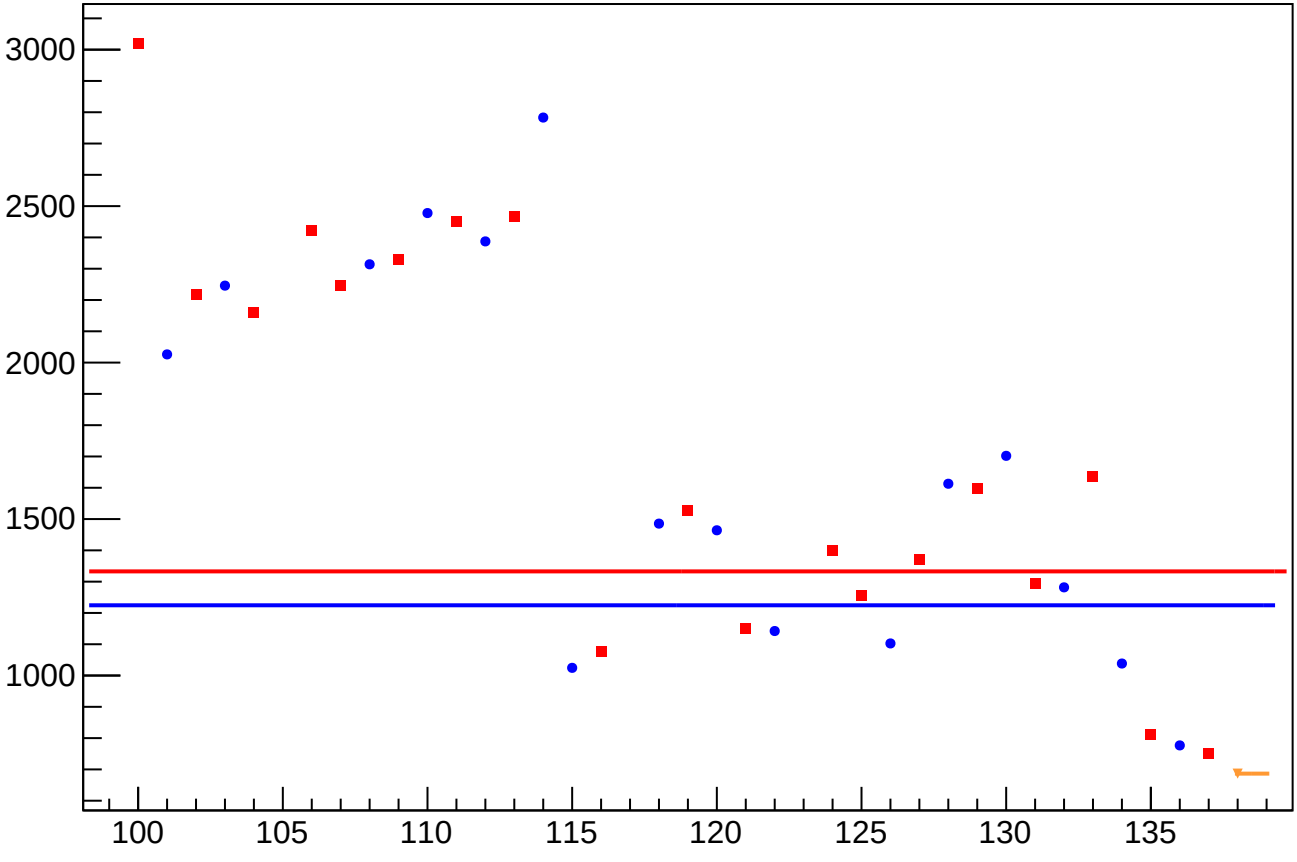
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -641.600+/-416.657 χ^2/NDF: 20.5/16

All: -556.568+/-326.085 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1224.470+/-0.347 χ^2/NDF: 1959341.1/15

Left Out: 686.544+/-0.556 χ^2/NDF:0.0/0

Right Out: 1332.784+/-0.370 χ^2/NDF: 1994794.3/18

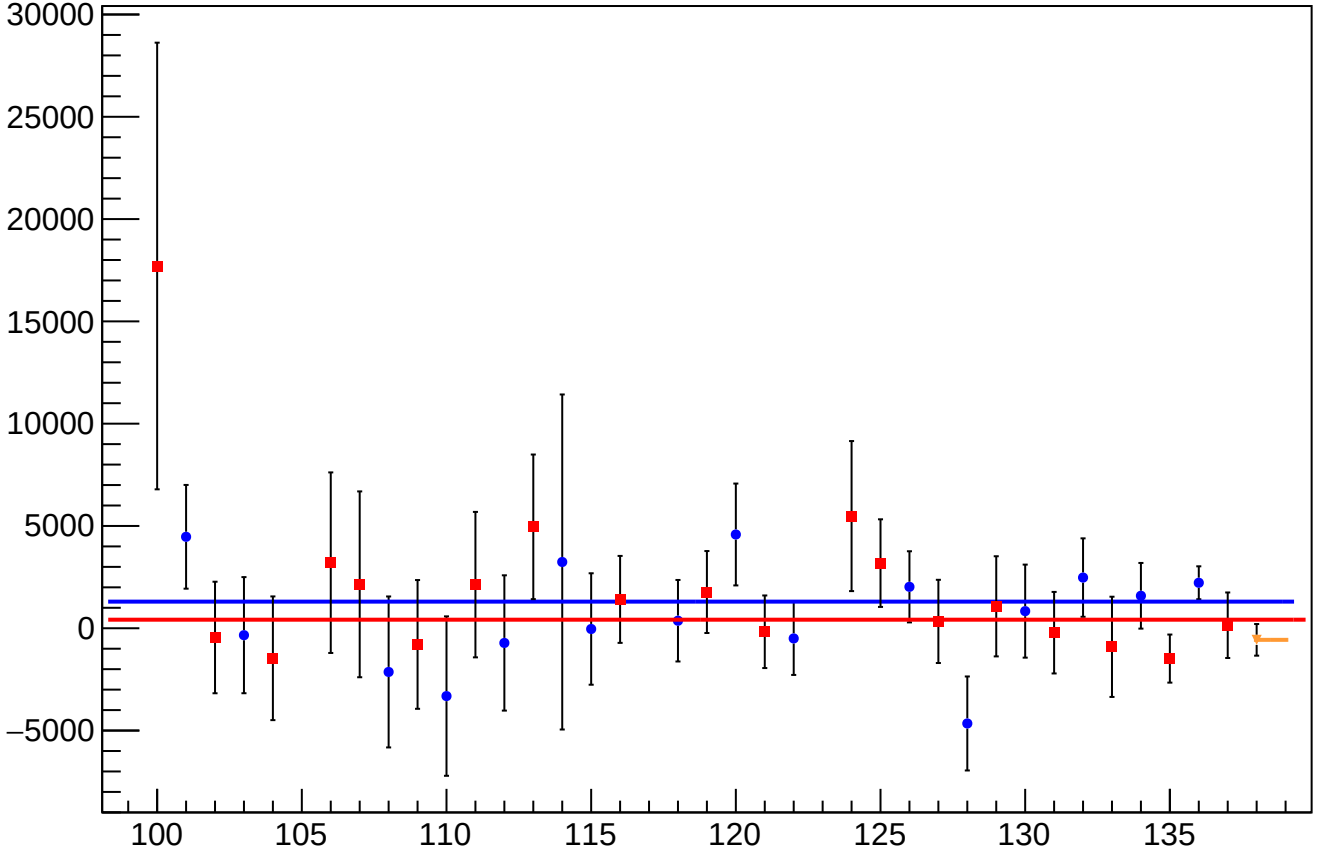
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1073.302+/-0.295 χ^2/NDF: 2632890.6/16

All: 1173.852+/-0.231 χ^2/NDF: 4928265.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 1301.623+/-481.959 χ^2/NDF: 16.5/15

Left Out: -566.552+/-773.216 χ^2/NDF:0.0/0

Right Out: 418.283+/-524.515 χ^2/NDF: 13.0/18

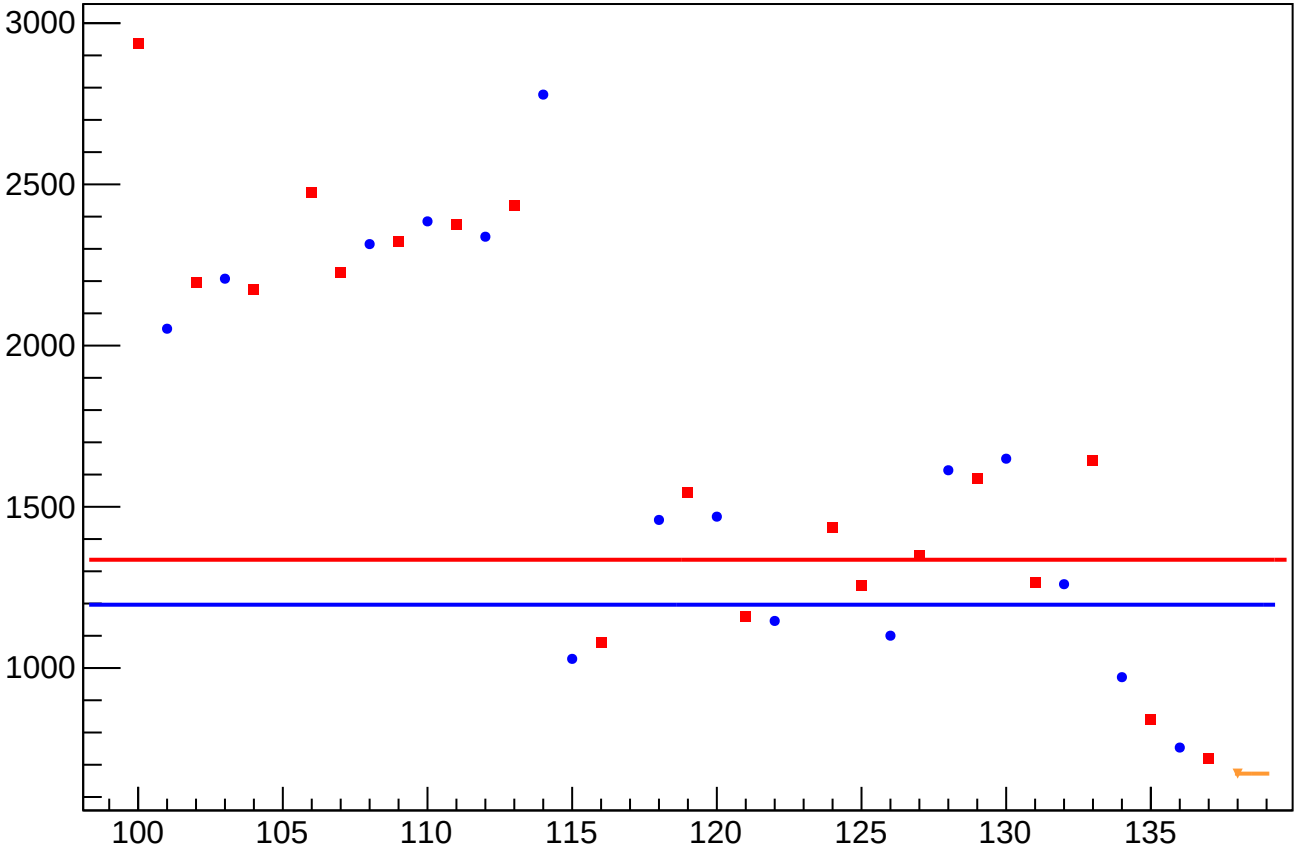
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 778.887+/-409.009 χ^2/NDF: 20.7/16

All: 642.530+/-322.538 χ^2/NDF: 34.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 1196.353+/-0.341 χ^2/NDF: 2031710.2/15

Left Out: 672.493+/-0.547 χ^2/NDF:0.0/0

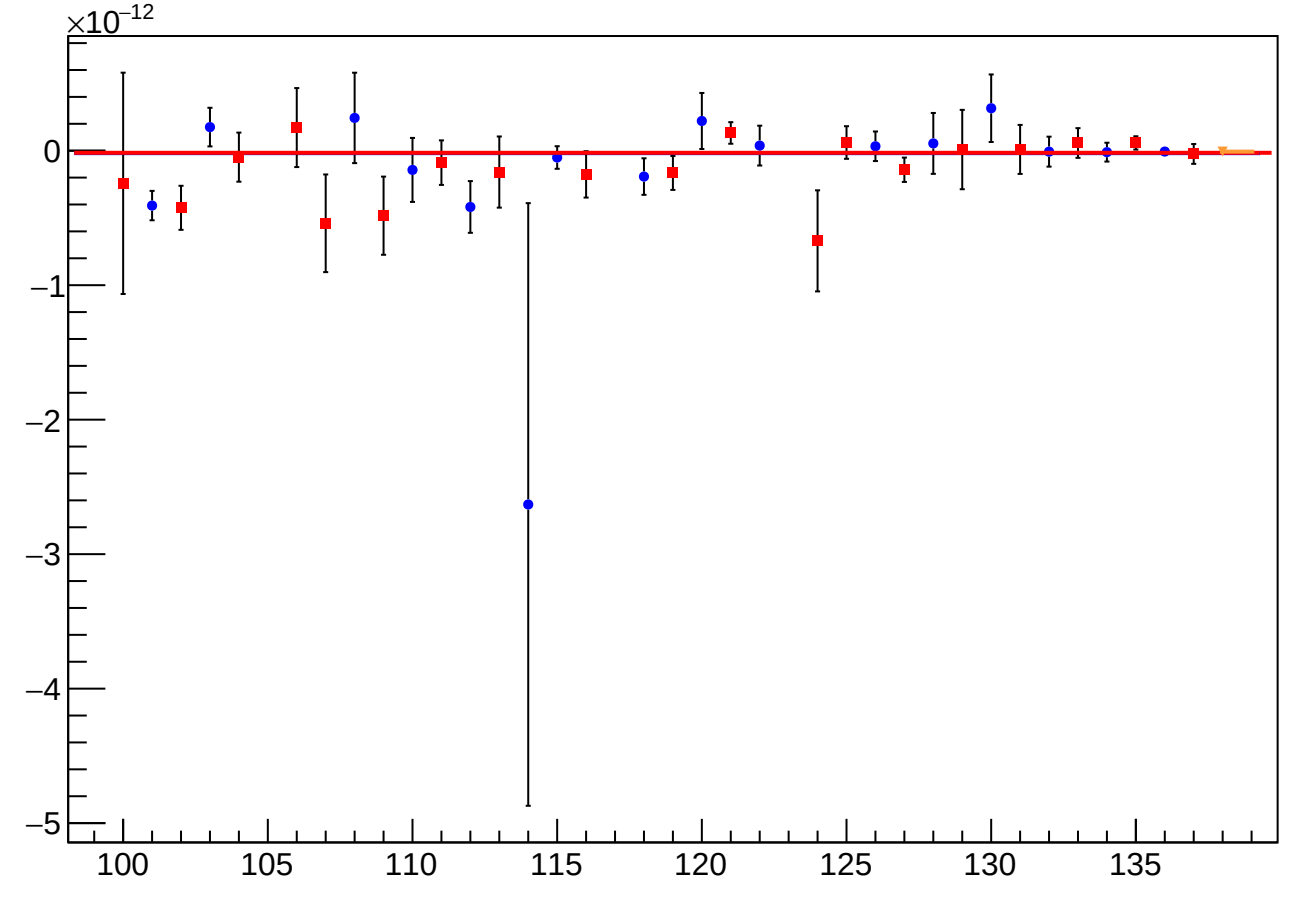
Right Out: 1335.809+/-0.371 χ^2/NDF: 1951472.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1049.771+/-0.289 χ^2/NDF: 2692868.3/16

All: 1157.932+/-0.228 χ^2/NDF: 5014217.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 26.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

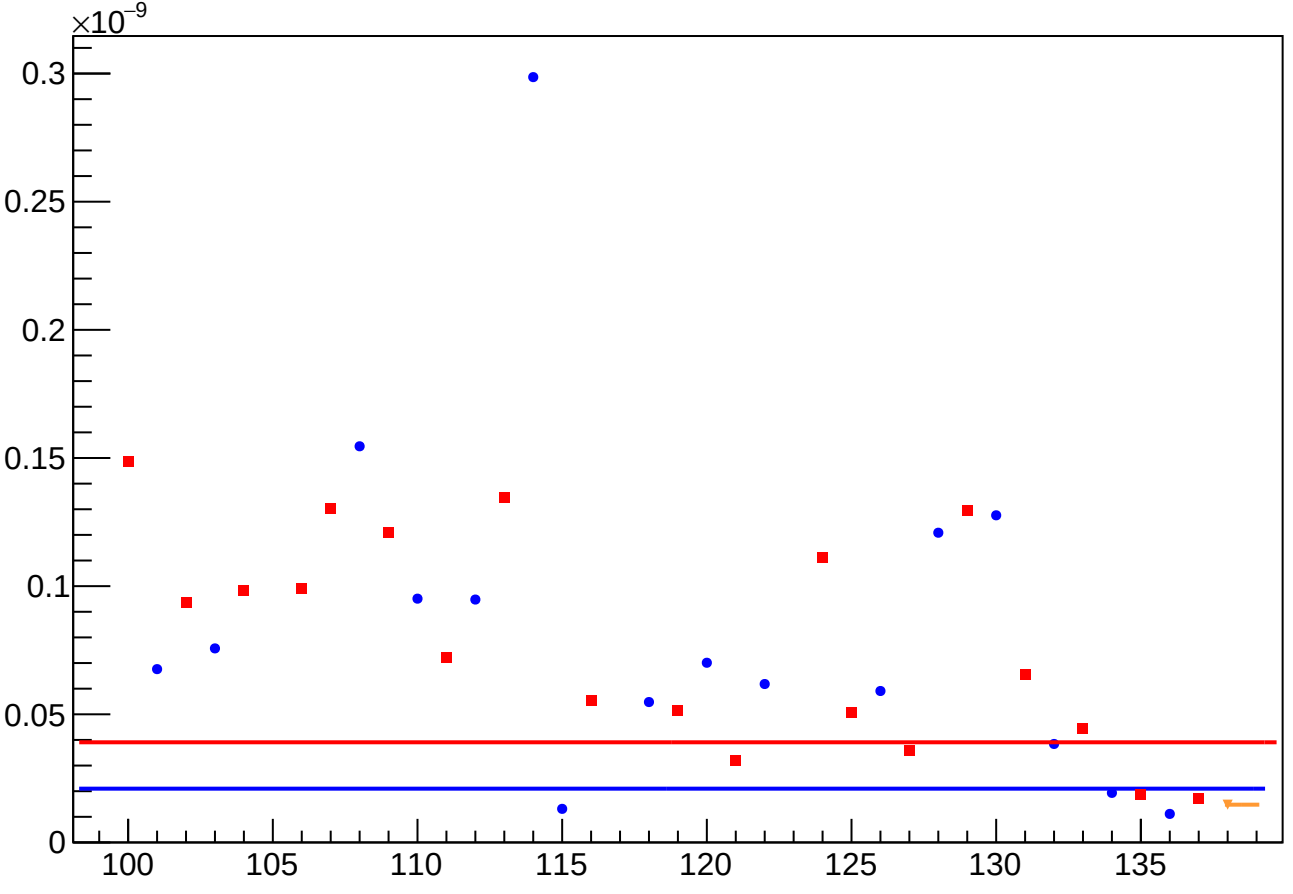
Right Out: -0.000+/-0.000 χ^2/NDF: 25.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 26.9/16

All: -0.000+/-0.000 χ^2/NDF: 52.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3380958.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2073862.3/18

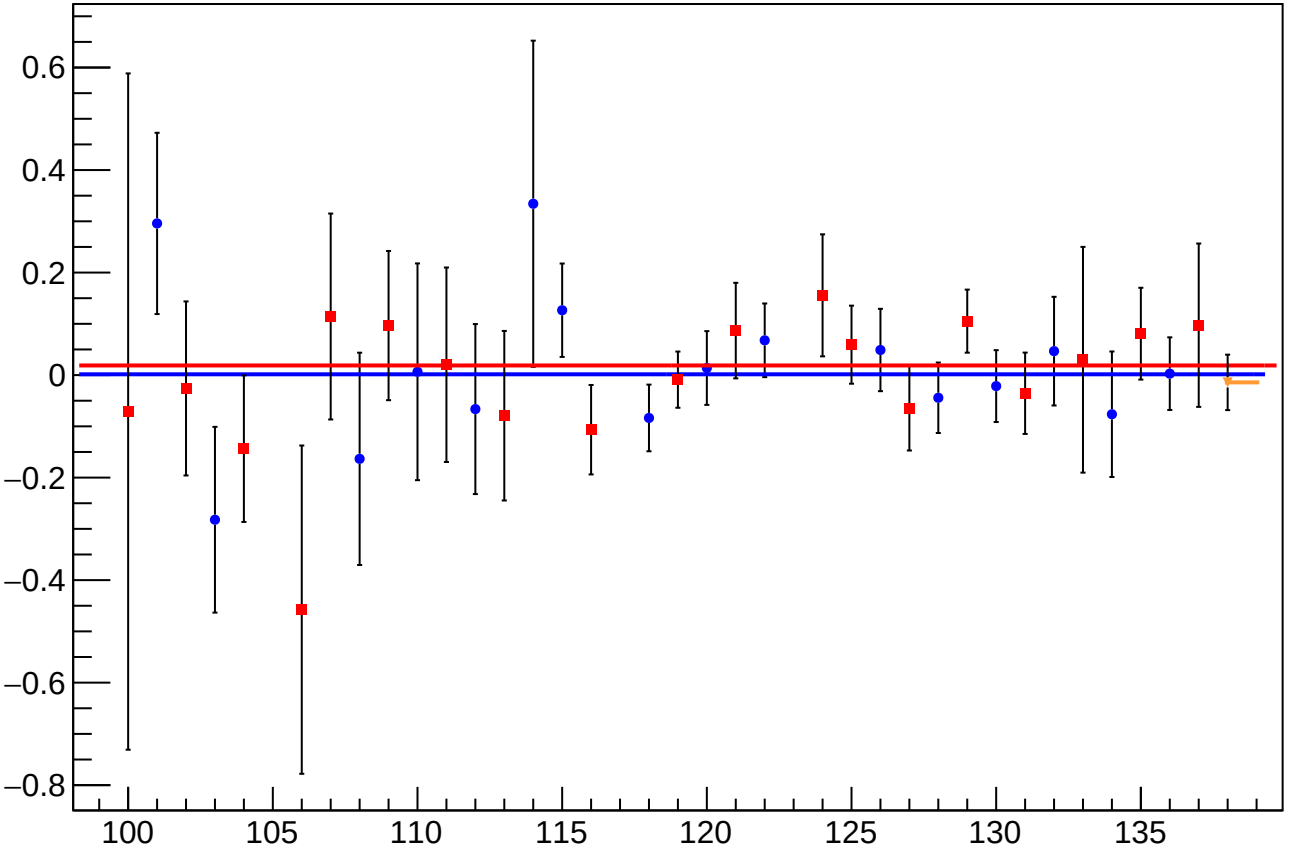
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3464311.8/16

All: 0.000+/-0.000 χ^2/NDF: 6379938.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.002+/-0.023 χ^2/NDF: 13.1/15

Left Out: -0.014+/-0.054 χ^2/NDF:0.0/0

Right Out: 0.019+/-0.024 χ^2/NDF: 13.1/18

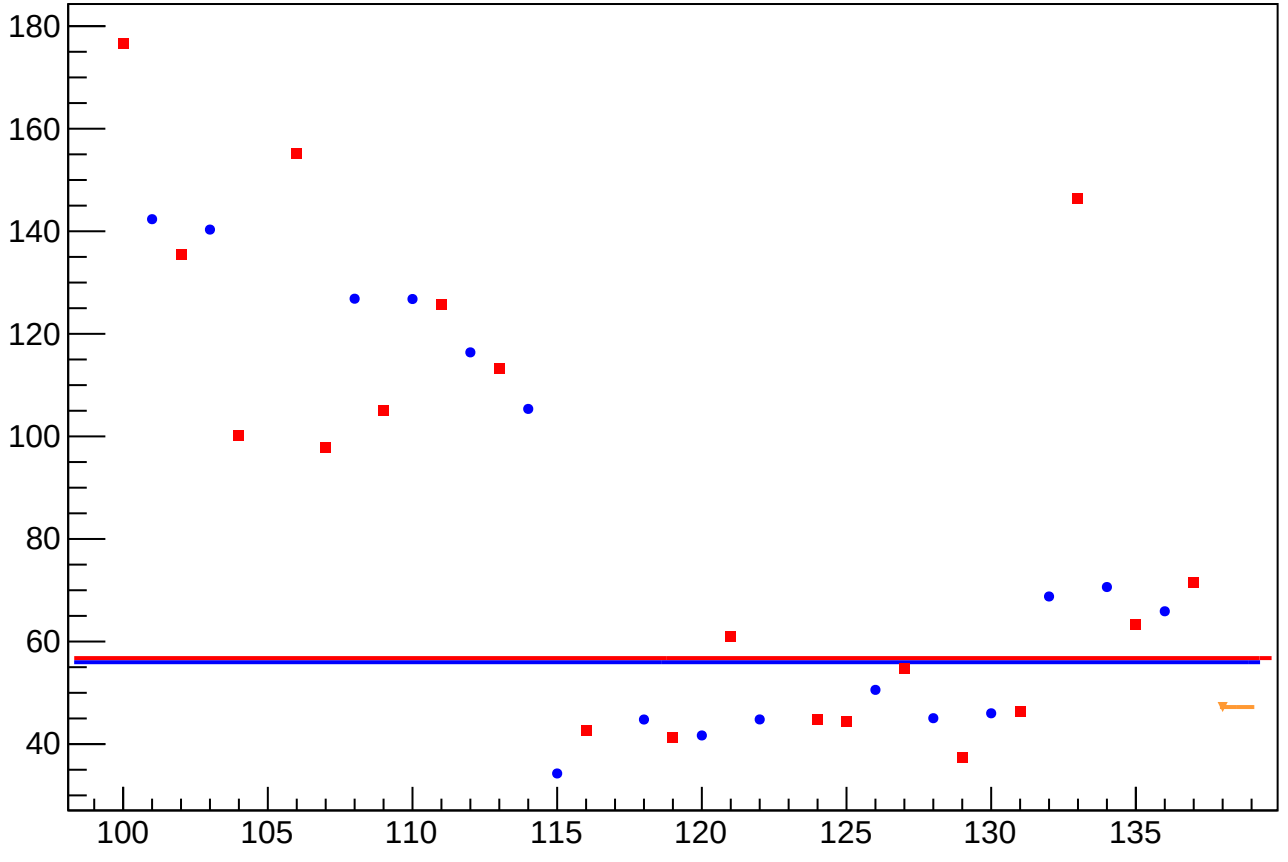
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.021 χ^2/NDF: 13.2/16

All: 0.008+/-0.016 χ^2/NDF: 26.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 55.968+/-0.017 χ^2/NDF: 2179829.3/15

Left Out: 47.226+/-0.038 χ^2/NDF:0.0/0

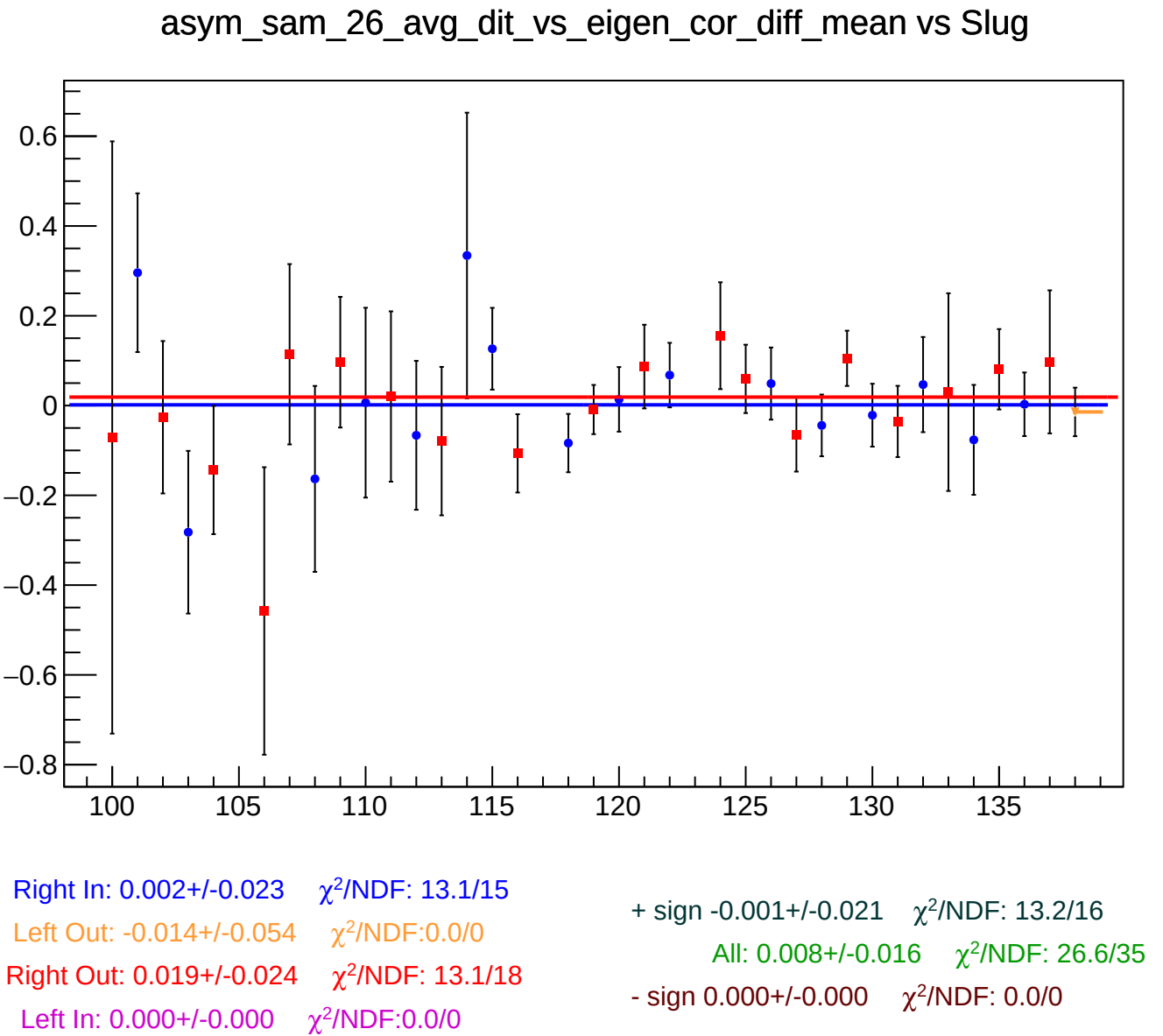
Right Out: 56.770+/-0.017 χ^2/NDF: 2553223.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

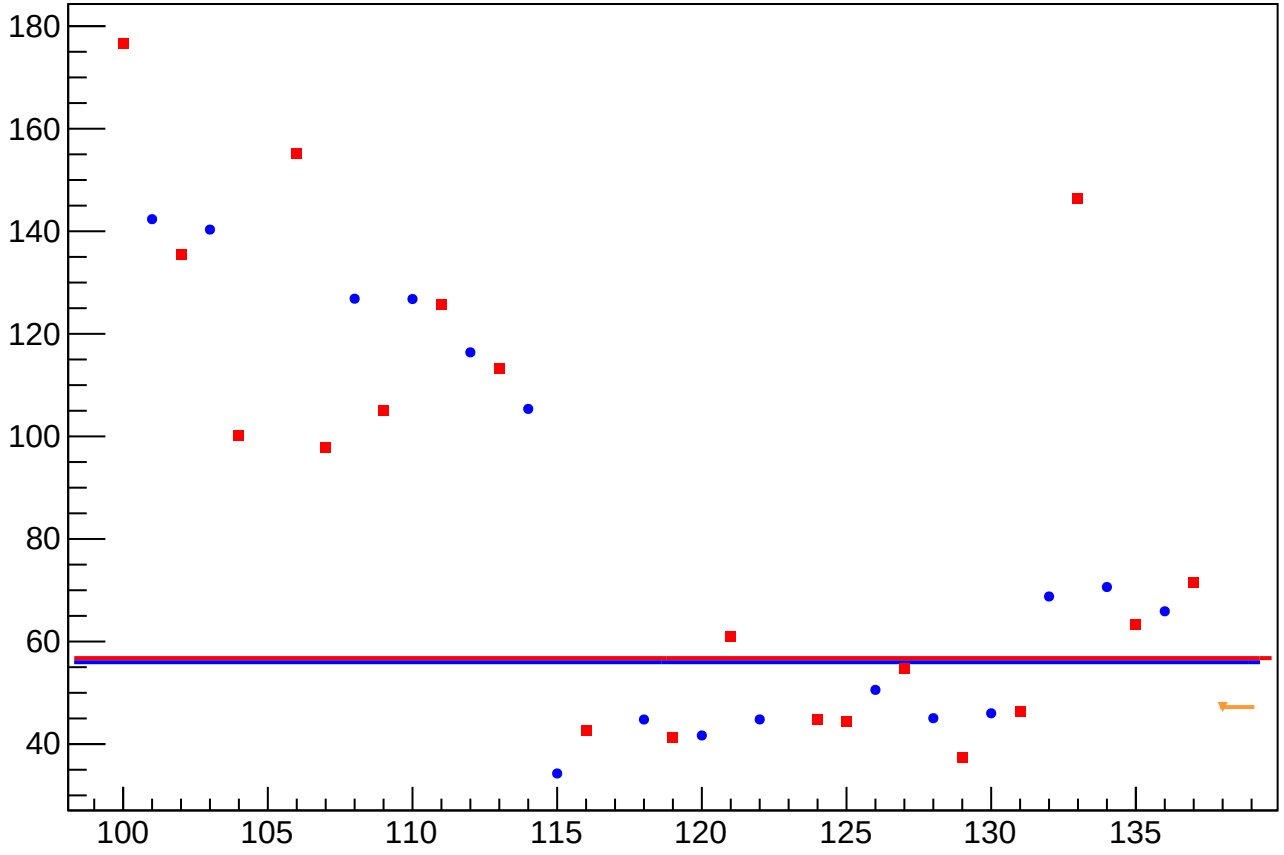
+ sign 54.588+/-0.015 χ^2/NDF: 2223851.9/16

All: 55.581+/-0.011 χ^2/NDF: 4786465.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.023 χ²/NDF: 13.1/15
Left Out: -0.014+/-0.054 χ²/NDF:0.0/0
Right Out: 0.019+/-0.024 χ²/NDF: 13.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.001+/-0.021 χ²/NDF: 13.2/16
All: 0.008+/-0.016 χ²/NDF: 26.6/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.968+/-0.017 χ^2/NDF: 2179829.3/15

Left Out: 47.226+/-0.038 χ^2/NDF:0.0/0

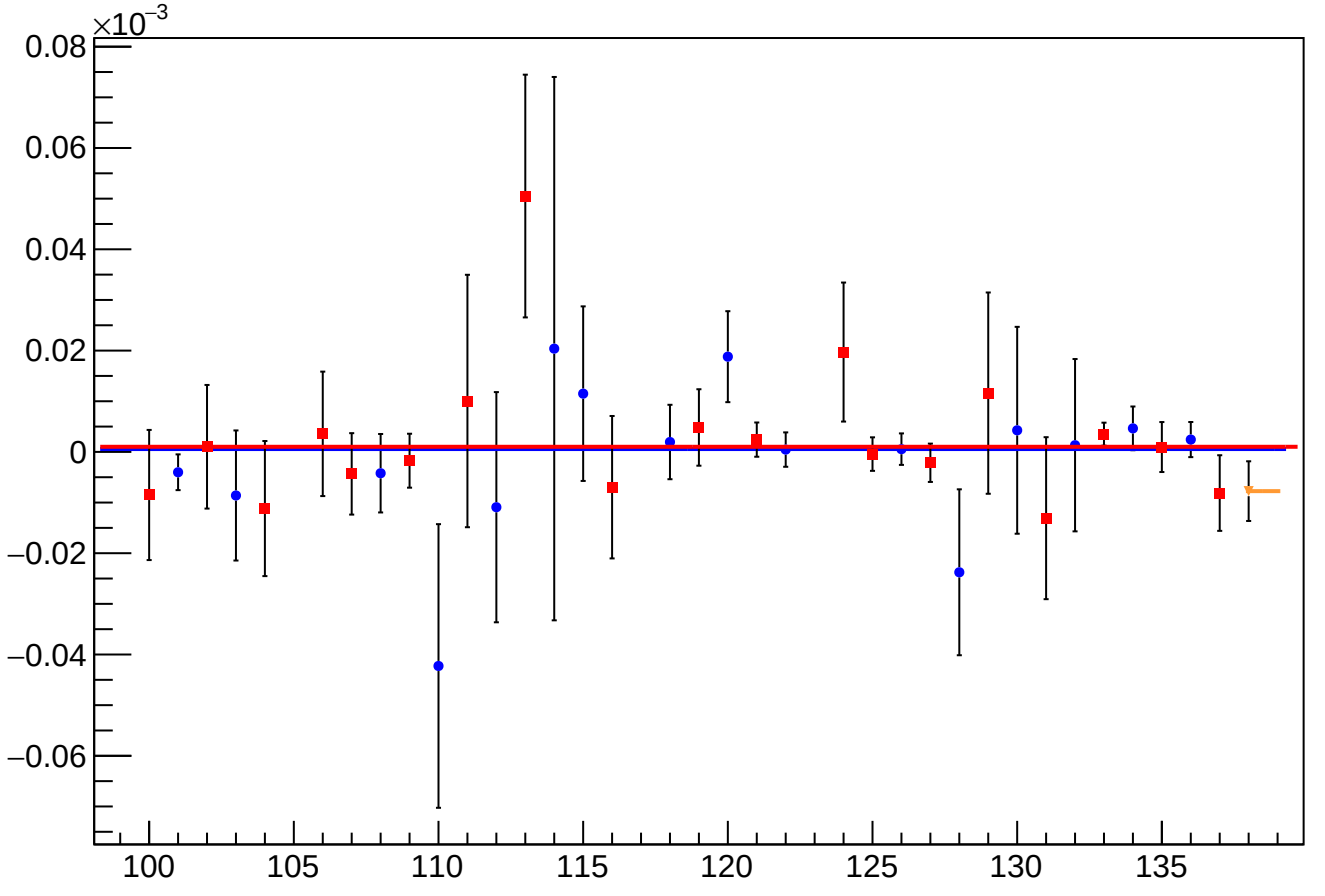
Right Out: 56.770+/-0.017 χ^2/NDF: 2553223.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.588+/-0.015 χ^2/NDF: 2223851.9/16

All: 55.581+/-0.011 χ^2/NDF: 4786465.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 13.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

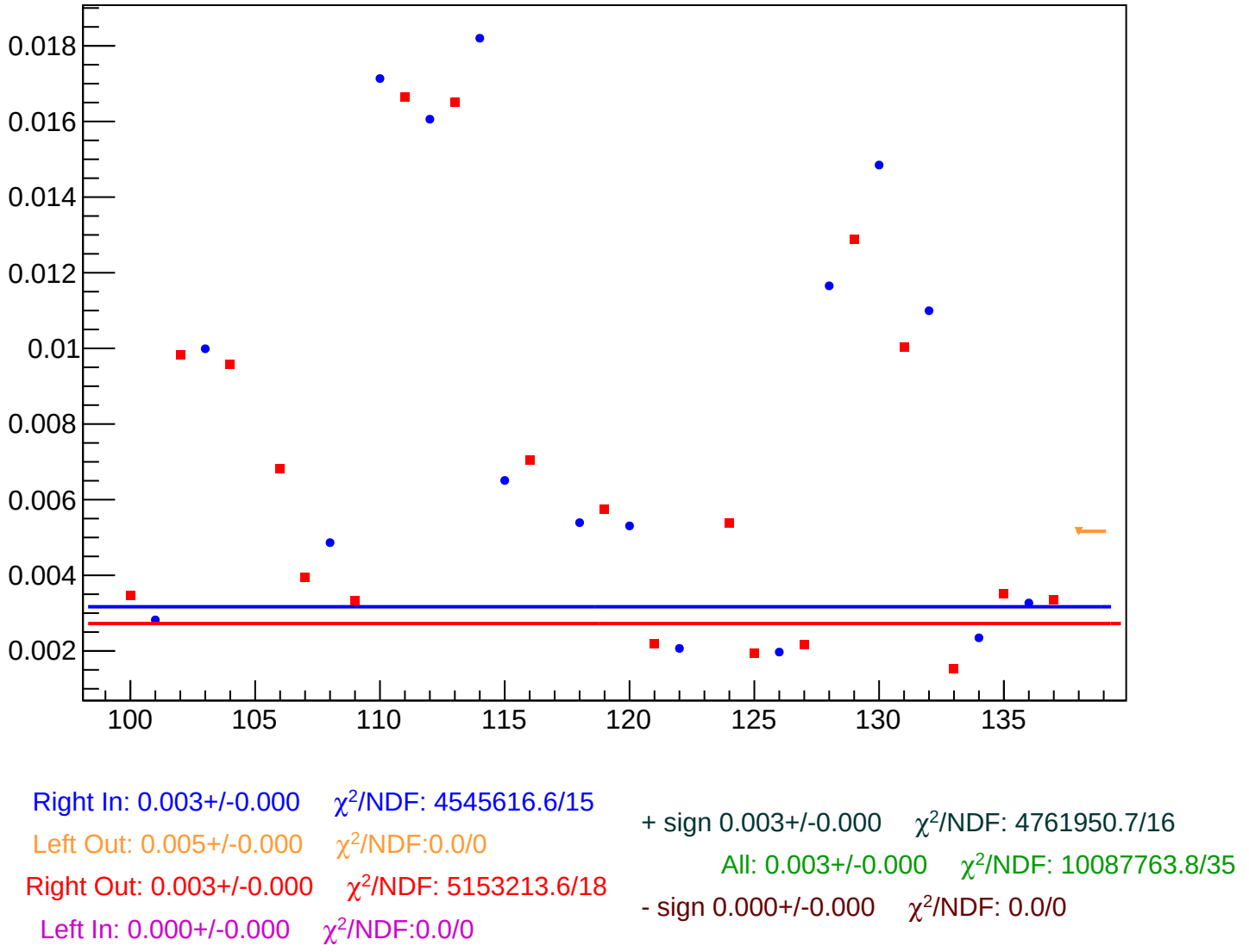
Right Out: 0.000+/-0.000 χ^2/NDF: 13.8/18

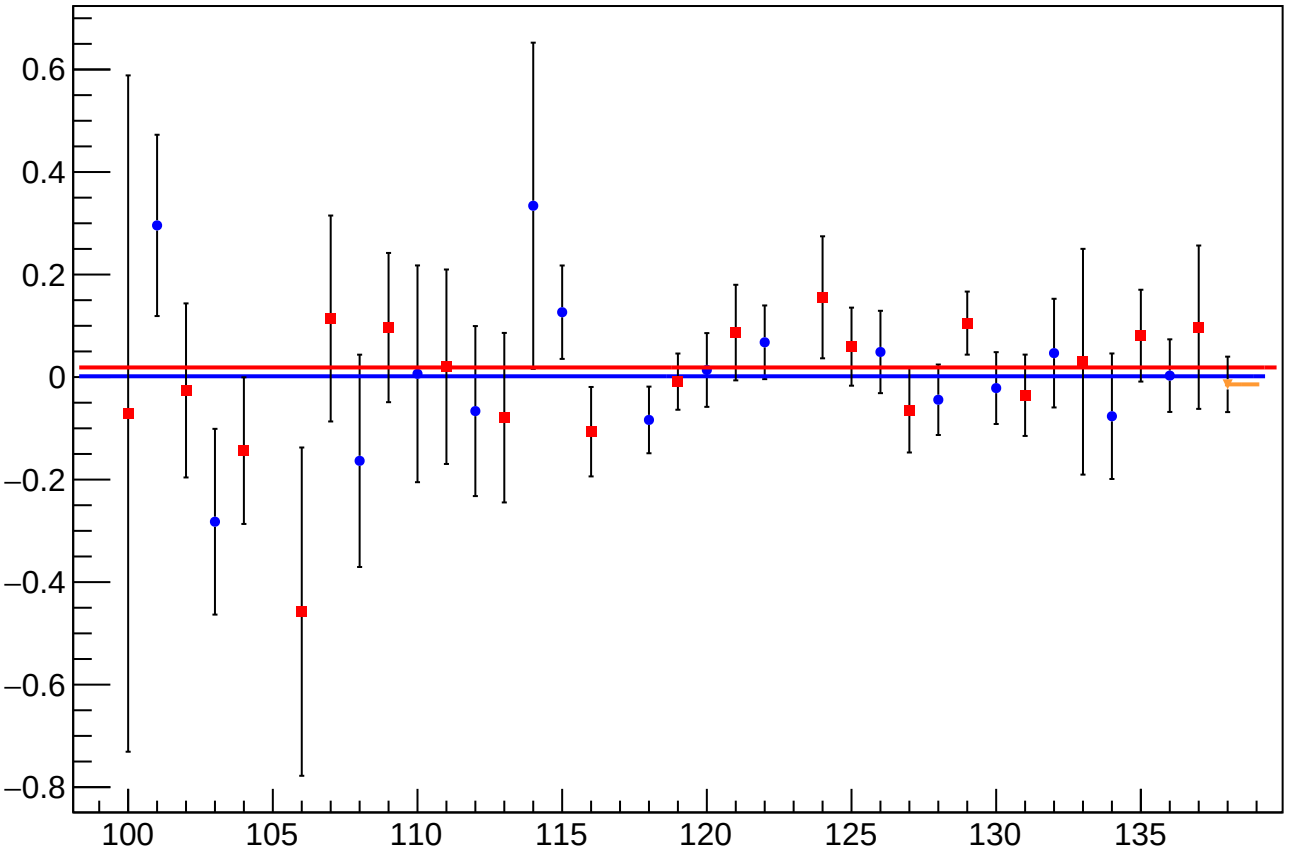
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.2/16

All: 0.000+/-0.000 χ^2/NDF: 29.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.003+/-0.000 χ²/NDF: 4545616.6/15
Left Out: 0.005+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 5153213.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.003+/-0.000 χ²/NDF: 4761950.7/16
All: 0.003+/-0.000 χ²/NDF: 10087763.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.002+/-0.023 χ^2/NDF: 13.1/15

Left Out: -0.014+/-0.054 χ^2/NDF:0.0/0

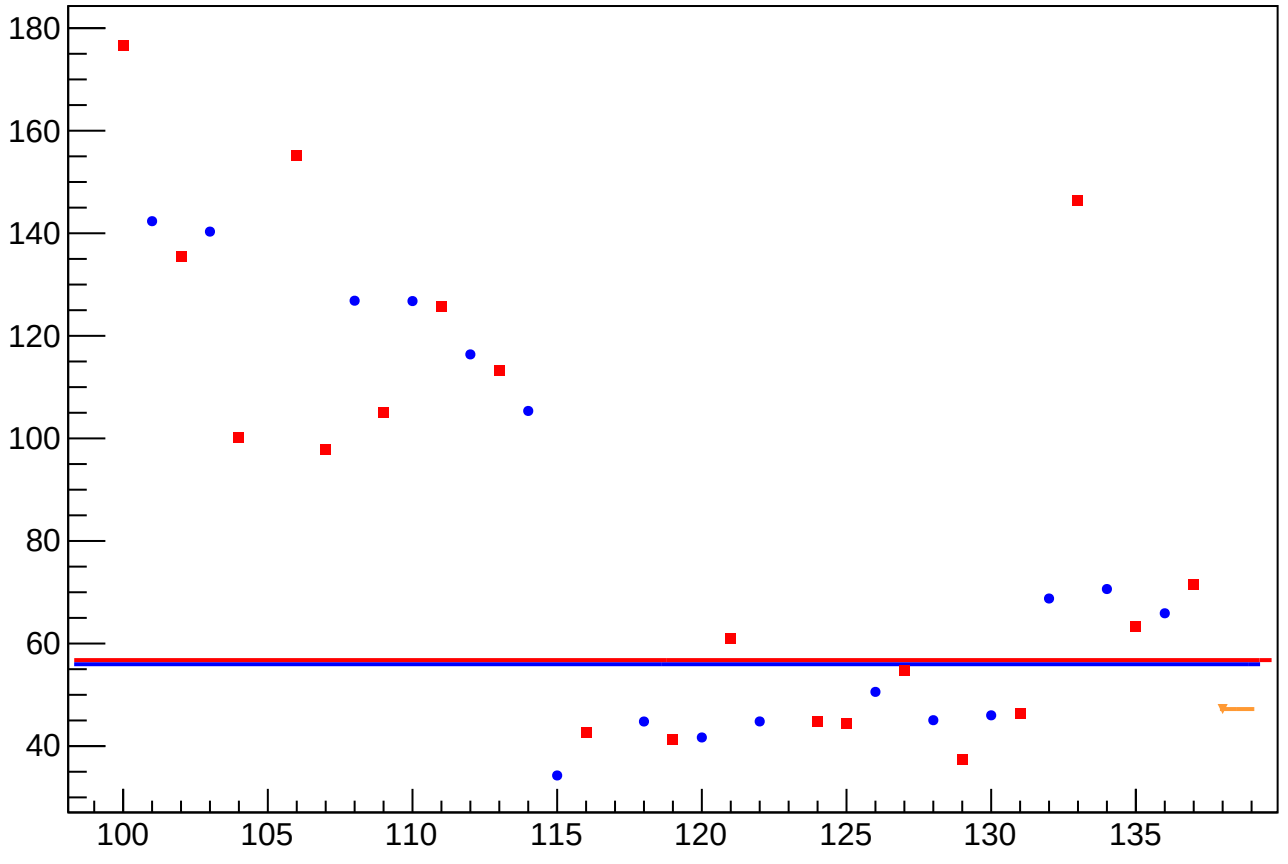
Right Out: 0.019+/-0.024 χ^2/NDF: 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.021 χ^2/NDF: 13.2/16

All: 0.008+/-0.016 χ^2/NDF: 26.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 55.968+/-0.017 χ^2/NDF: 2179757.6/15

Left Out: 47.225+/-0.038 χ^2/NDF:0.0/0

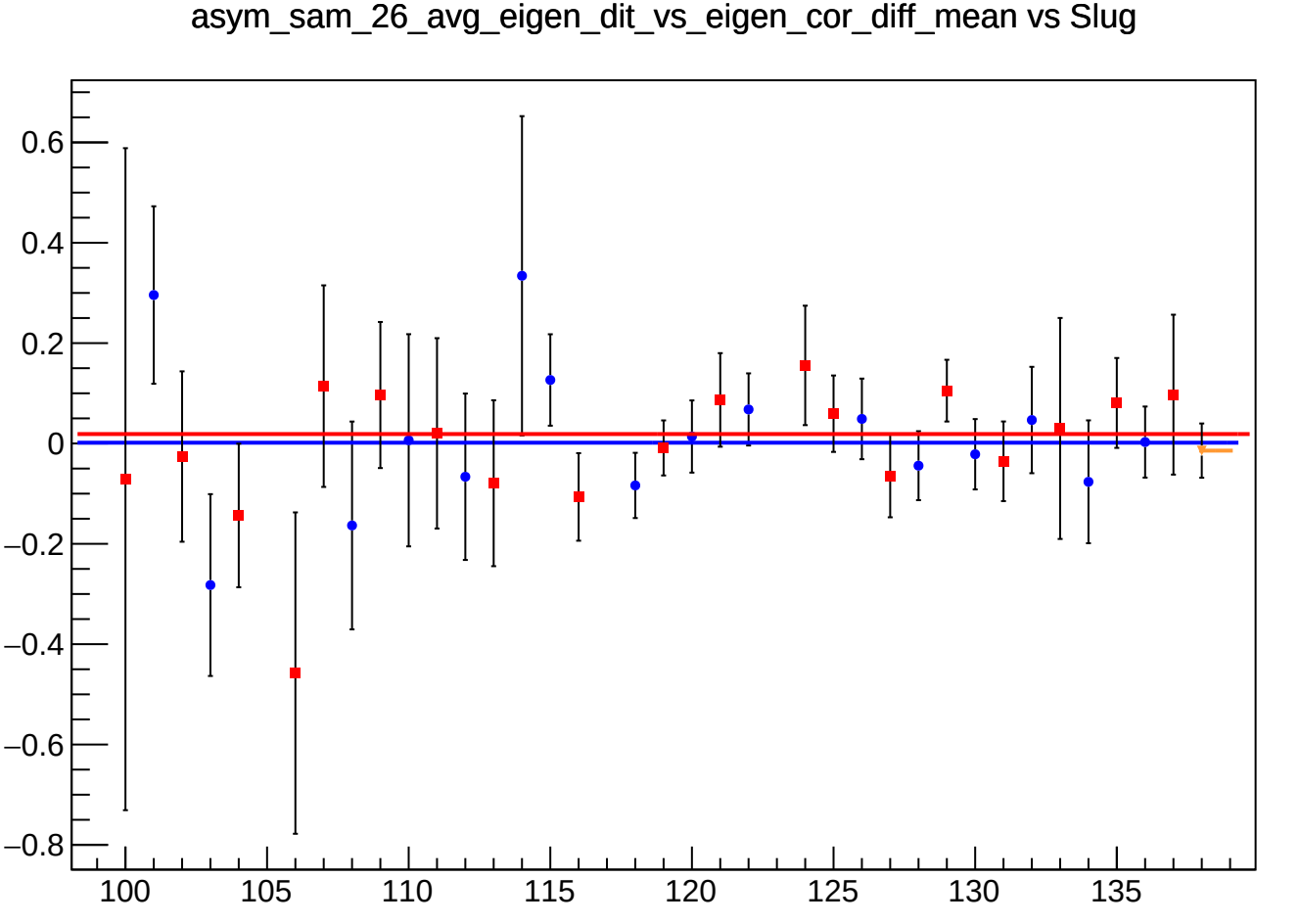
Right Out: 56.770+/-0.017 χ^2/NDF: 2553168.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.587+/-0.015 χ^2/NDF: 2223781.3/16

All: 55.580+/-0.011 χ^2/NDF: 4786337.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.023 χ^2/NDF: 13.1/15

Left Out: -0.014+/-0.054 χ^2/NDF:0.0/0

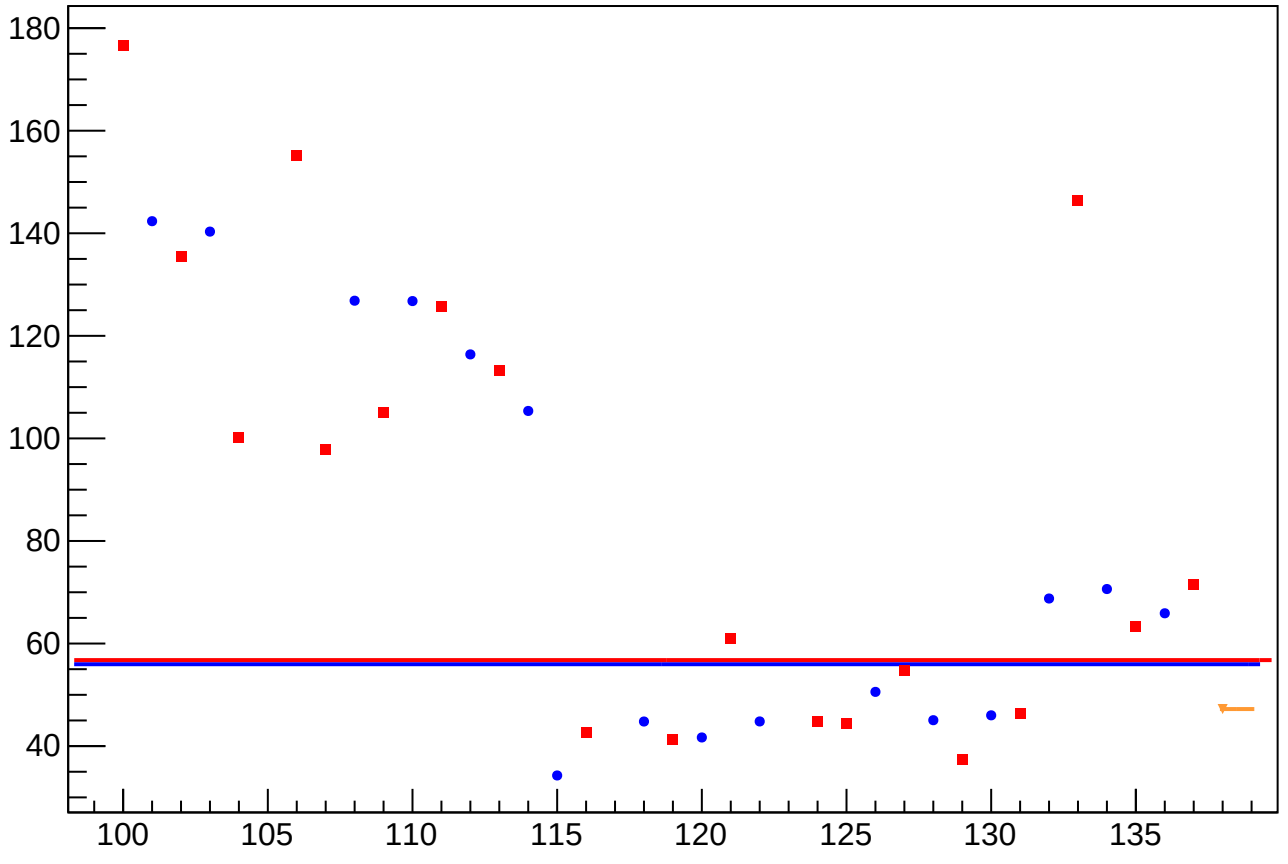
Right Out: 0.019+/-0.024 χ^2/NDF: 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.021 χ^2/NDF: 13.2/16

All: 0.008+/-0.016 χ^2/NDF: 26.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 55.968+/-0.017 χ^2/NDF: 2179757.6/15

Left Out: 47.225+/-0.038 χ^2/NDF:0.0/0

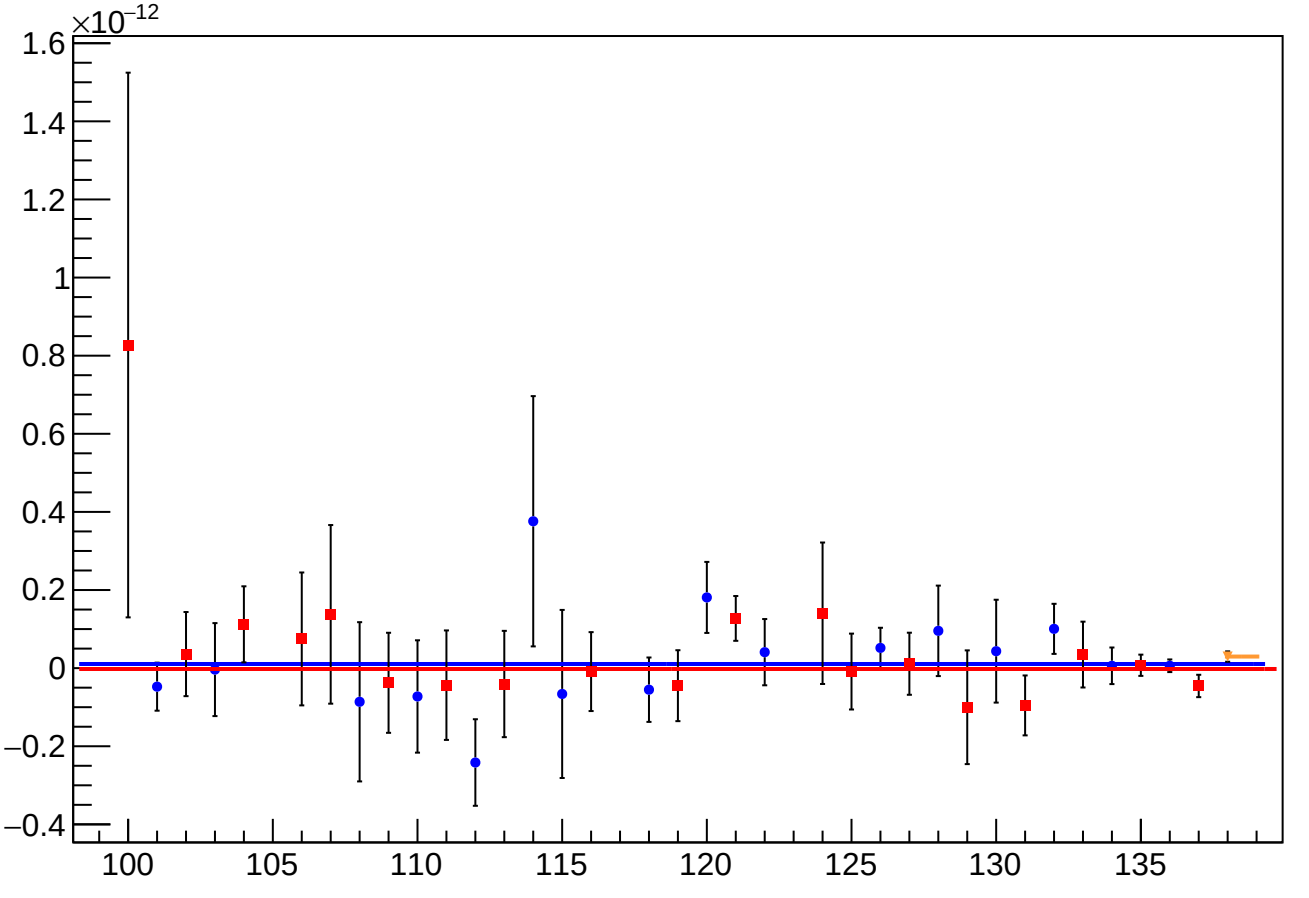
Right Out: 56.770+/-0.017 χ^2/NDF: 2553168.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.587+/-0.015 χ^2/NDF: 2223781.3/16

All: 55.580+/-0.011 χ^2/NDF: 4786337.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

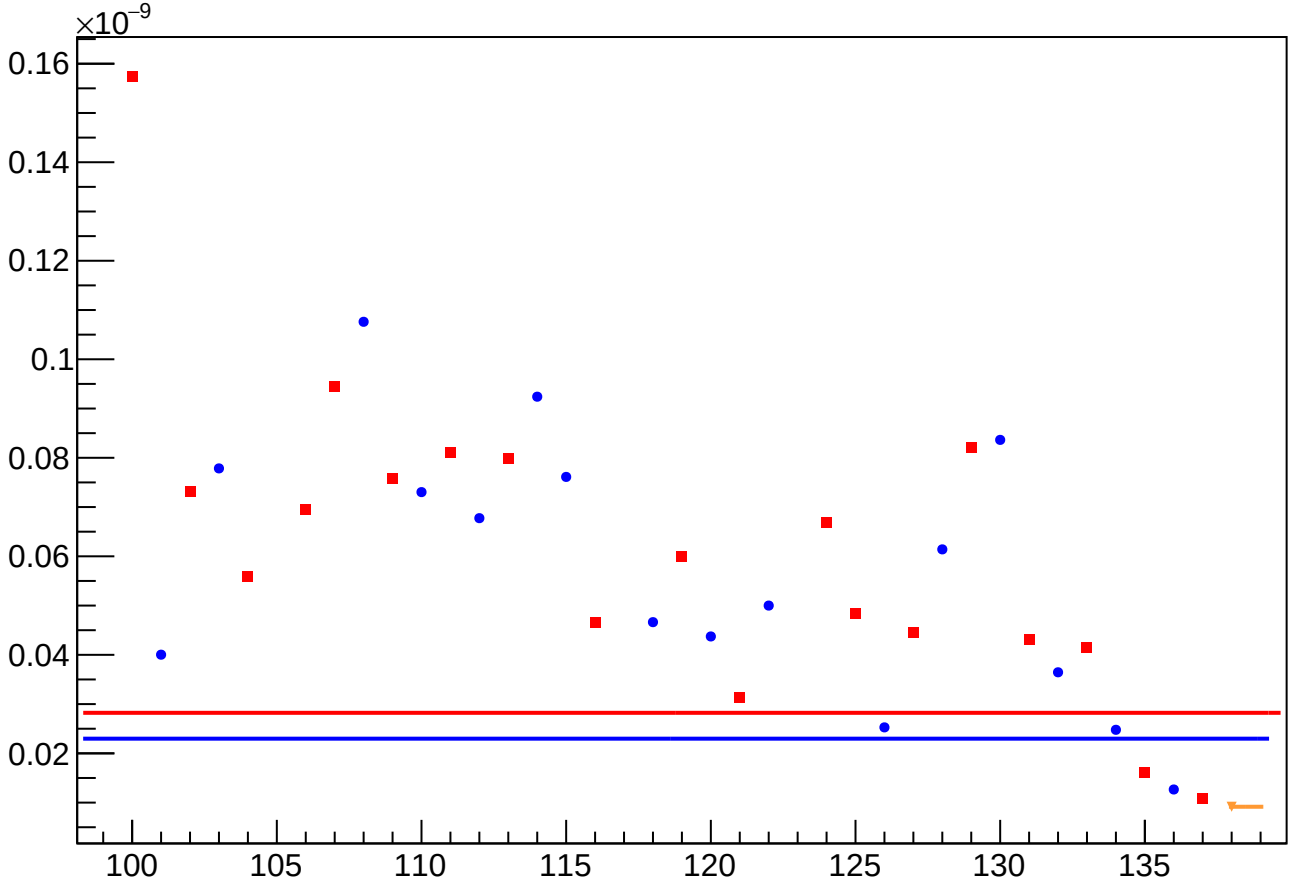
Right Out: -0.000+/-0.000 χ^2/NDF: 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 16.7/16

All: 0.000+/-0.000 χ^2/NDF: 32.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3731982.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3820523.4/18

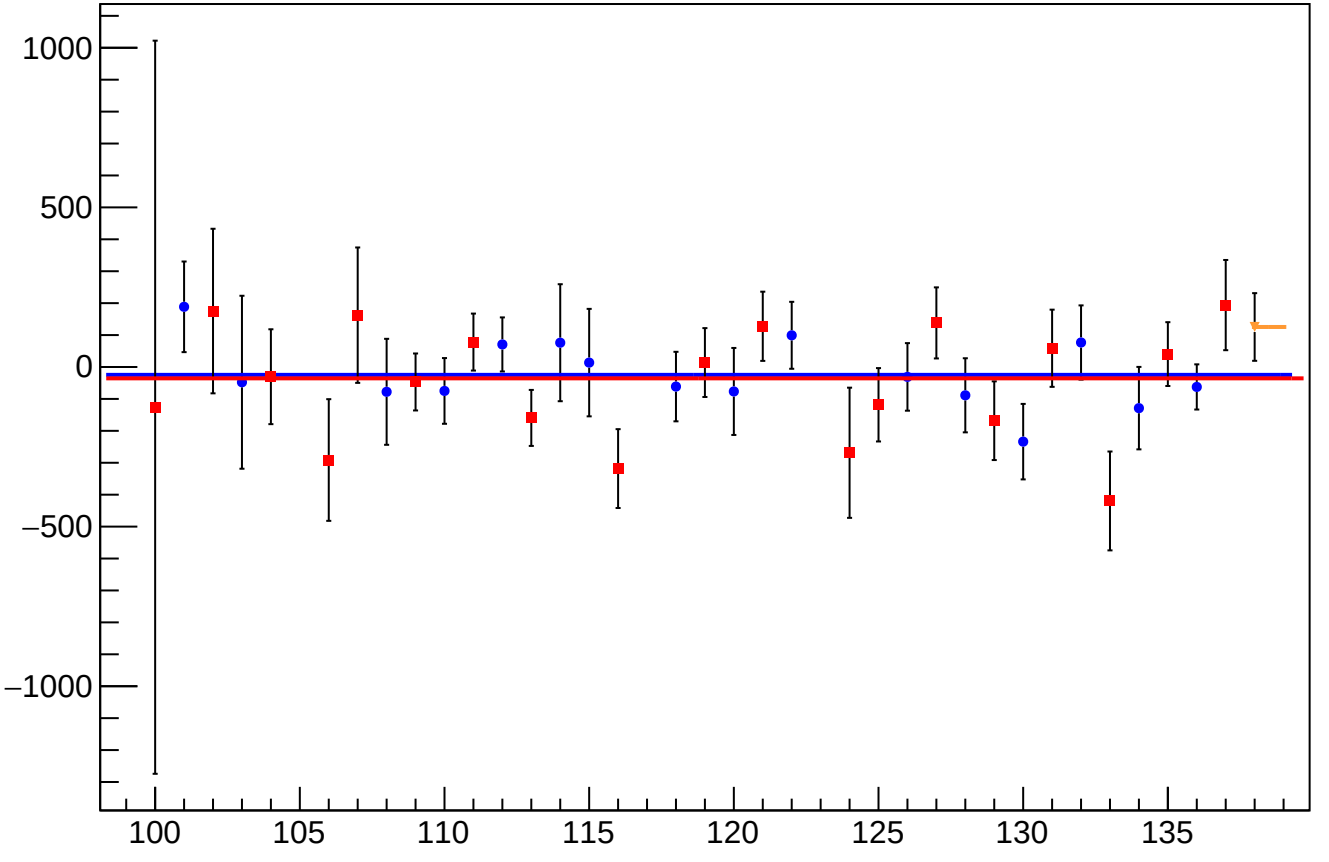
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4841108.4/16

All: 0.000+/-0.000 χ^2/NDF: 9542378.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: -24.632+/-28.913 χ^2/NDF: 11.0/15

Left Out: 125.356+/-105.970 χ^2/NDF:0.0/0

Right Out: -35.582+/-28.454 χ^2/NDF: 30.1/18

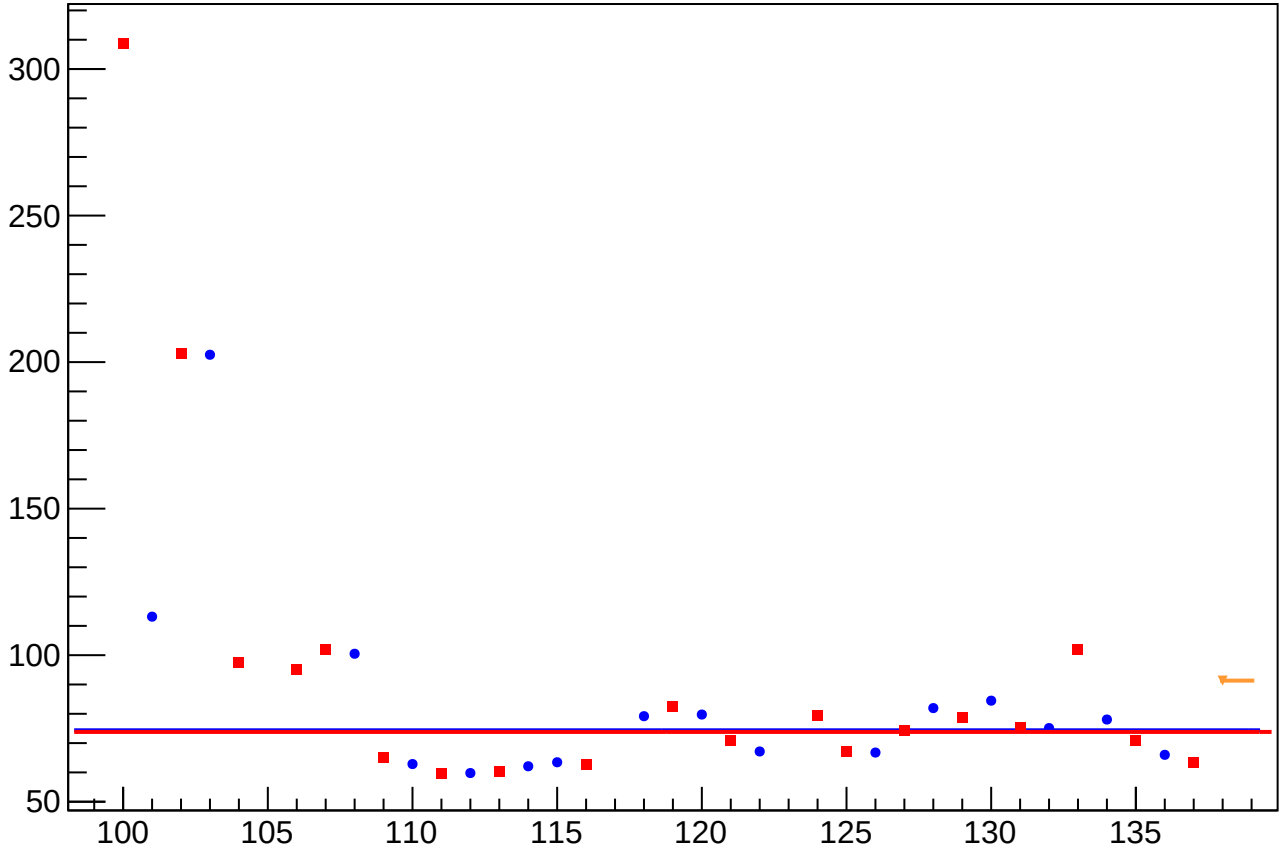
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -14.240+/-27.893 χ^2/NDF: 12.9/16

All: -24.699+/-19.919 χ^2/NDF: 43.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 74.369+/-0.020 χ^2/NDF: 827583.1/15

Left Out: 91.324+/-0.075 χ^2/NDF:0.0/0

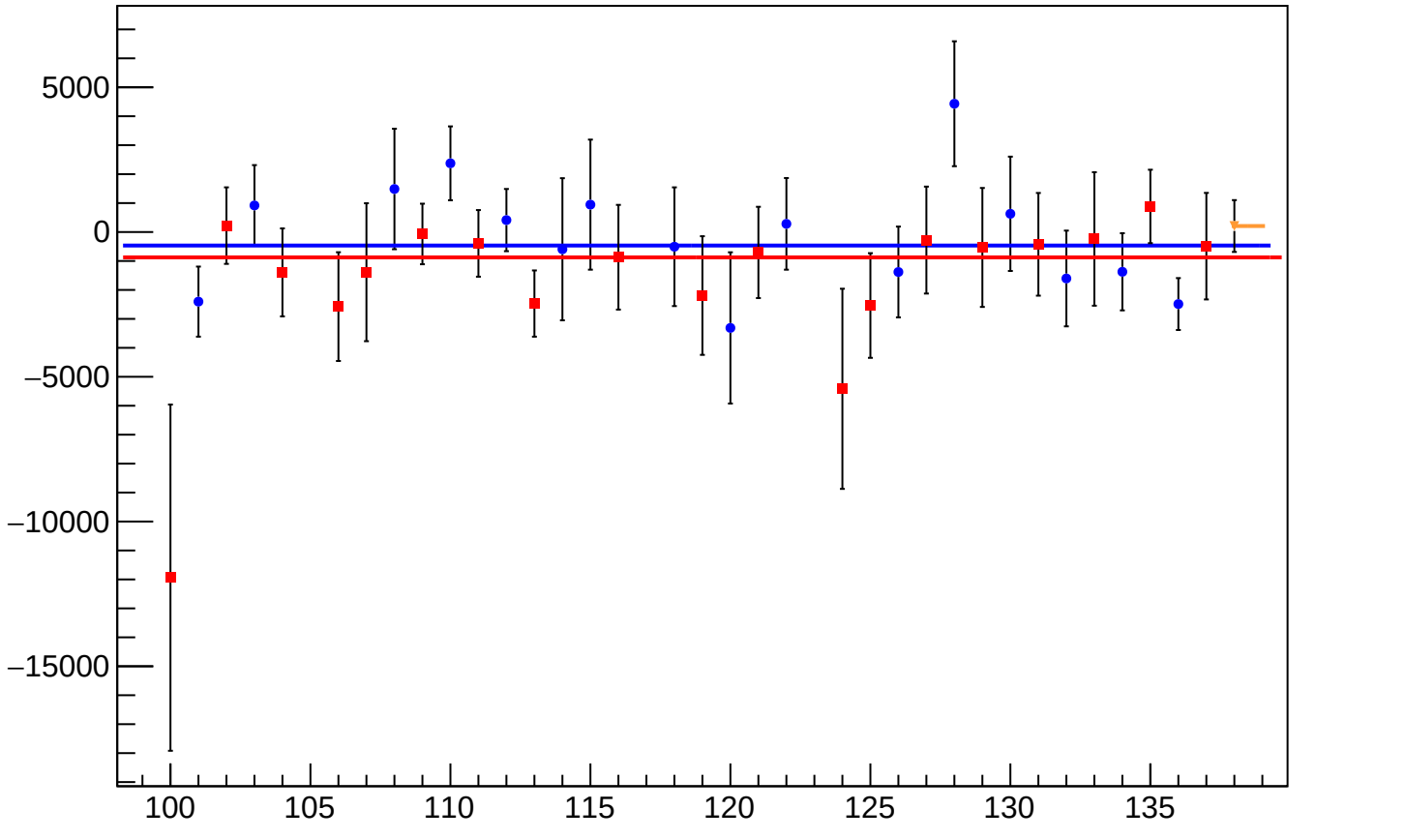
Right Out: 73.815+/-0.020 χ^2/NDF: 931949.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.544+/-0.020 χ^2/NDF: 875233.4/16

All: 74.696+/-0.014 χ^2/NDF: 1810946.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -466.524+/-375.030 χ^2/NDF: 23.7/15

Left Out: 207.447+/-894.932 χ^2/NDF:0.0/0

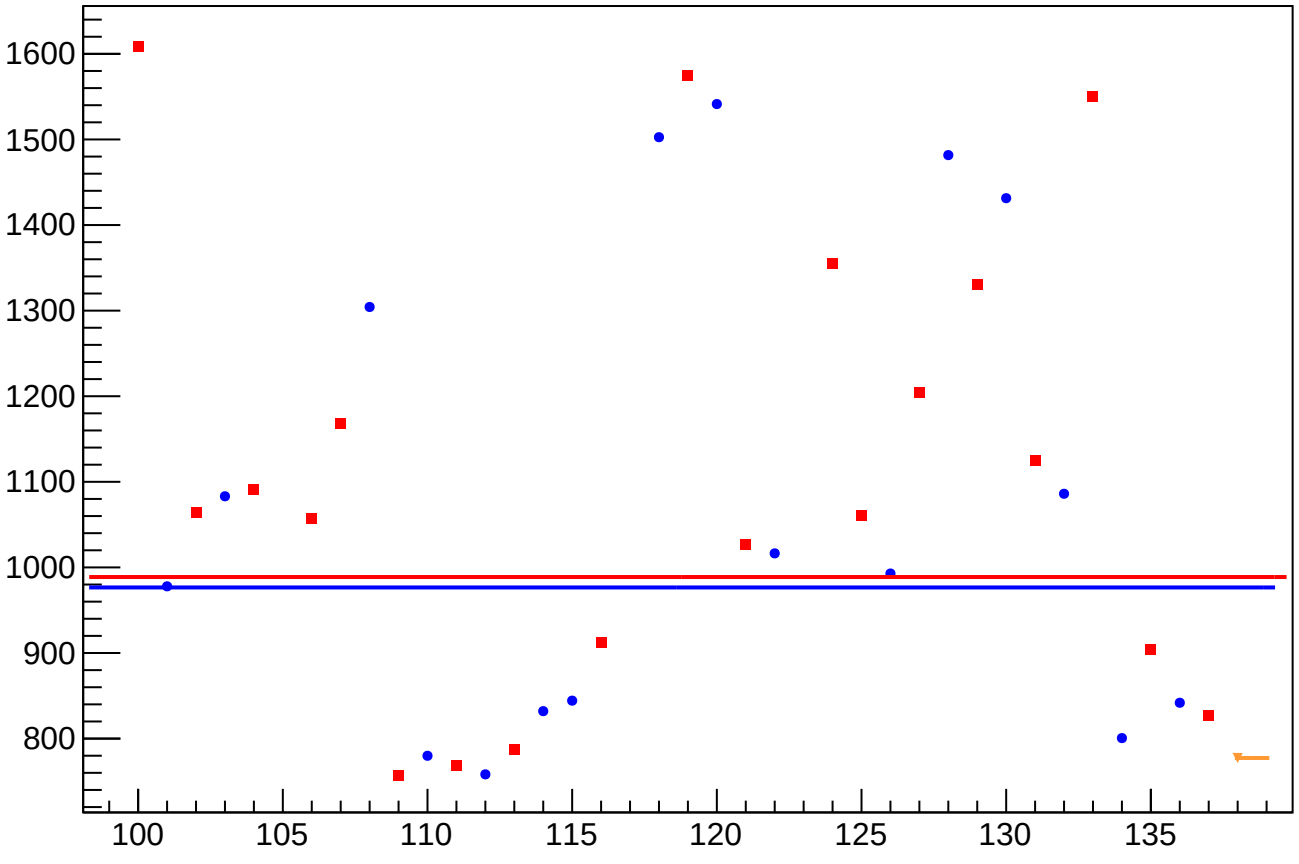
Right Out: -875.351+/-372.239 χ^2/NDF: 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -365.847+/-345.887 χ^2/NDF: 24.2/16

All: -601.928+/-253.383 χ^2/NDF: 38.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 976.583+/-0.265 χ^2/NDF: 736605.1/15

Left Out: 777.357+/-0.633 χ^2/NDF:0.0/0

Right Out: 988.763+/-0.263 χ^2/NDF: 715703.4/18

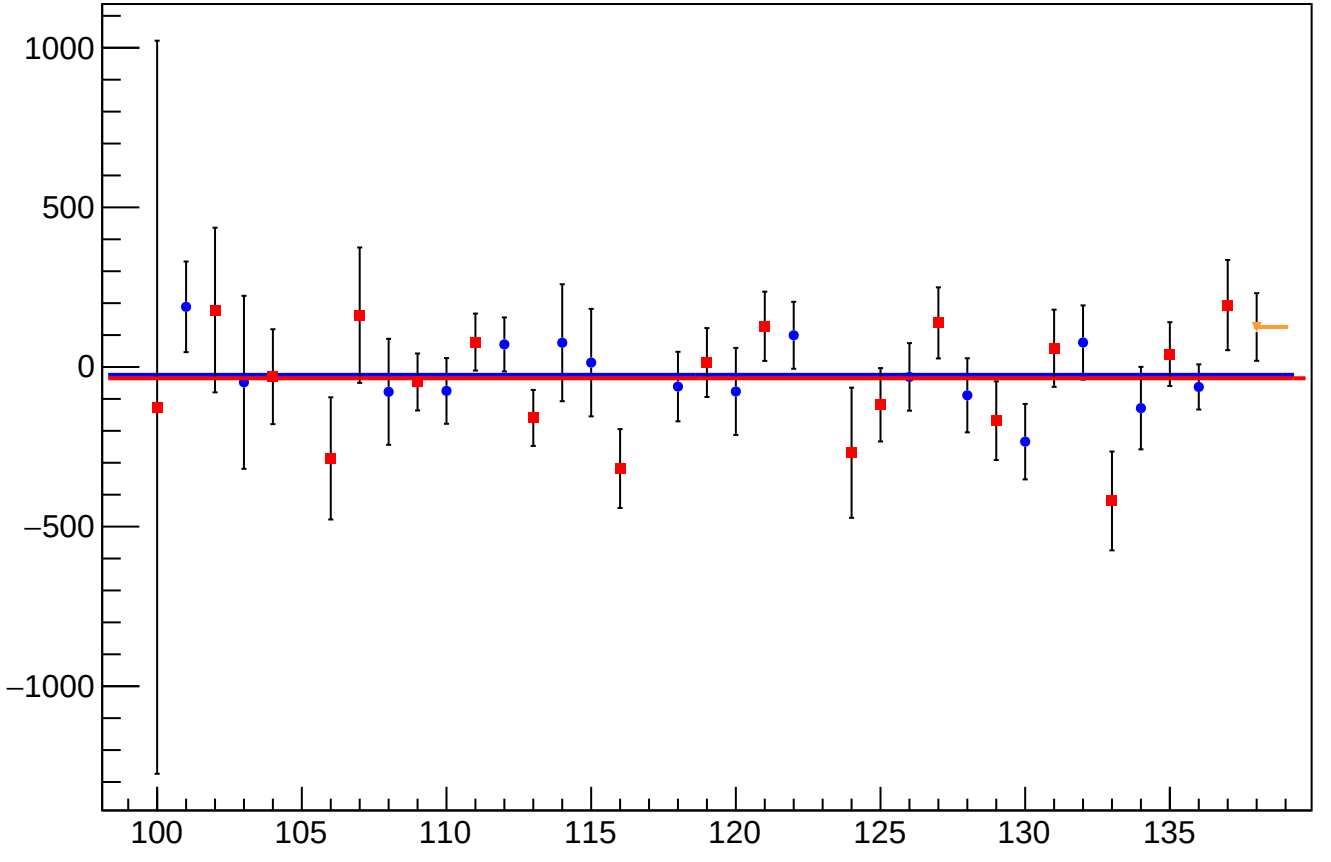
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 946.823+/-0.245 χ^2/NDF: 820914.9/16

All: 966.256+/-0.179 χ^2/NDF: 1550243.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: -24.640+/-28.913 χ^2/NDF: 11.0/15

Left Out: 125.356+/-105.970 χ^2/NDF:0.0/0

Right Out: -35.383+/-28.457 χ^2/NDF: 30.0/18

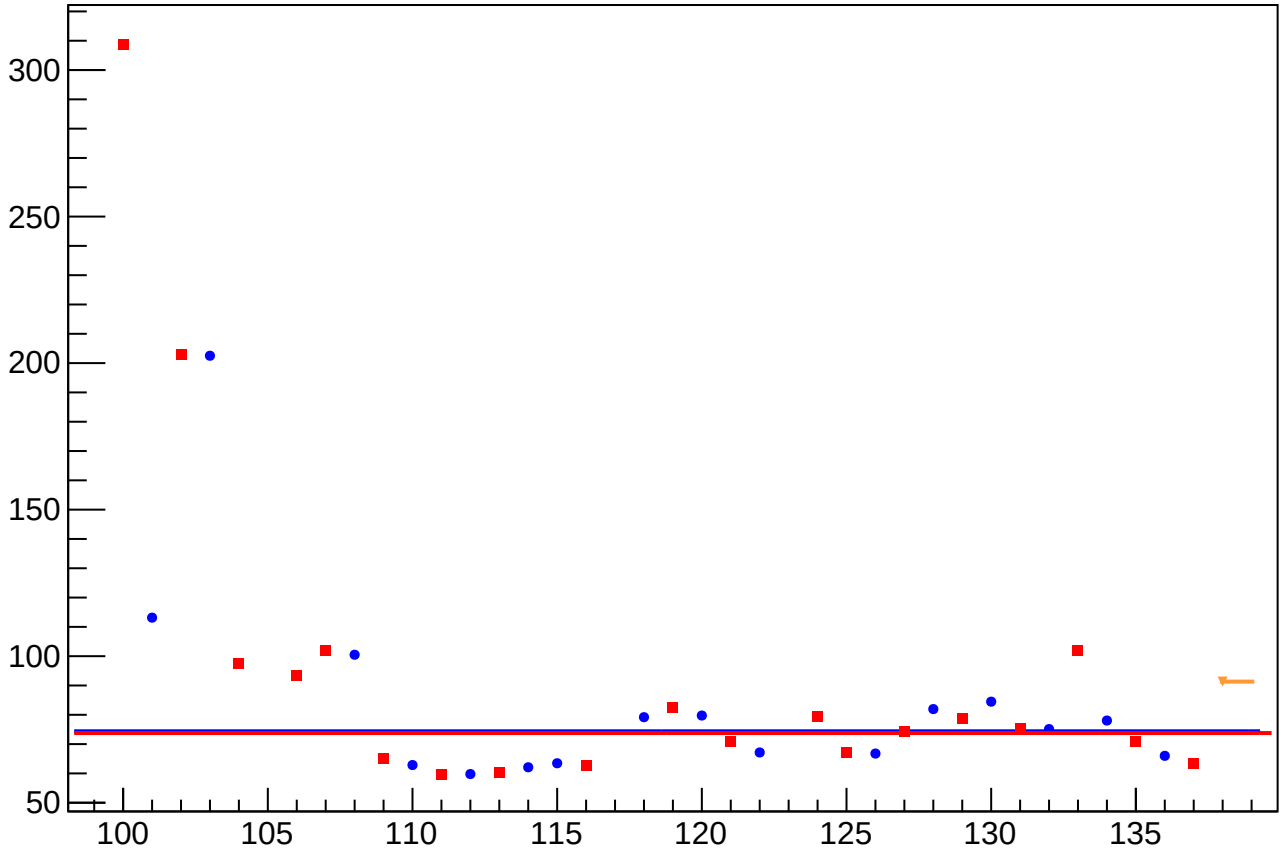
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -14.247+/-27.893 χ^2/NDF: 12.9/16

All: -24.603+/-19.920 χ^2/NDF: 43.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 74.369+/-0.020 χ^2/NDF: 827585.2/15

Left Out: 91.324+/-0.075 χ^2/NDF:0.0/0

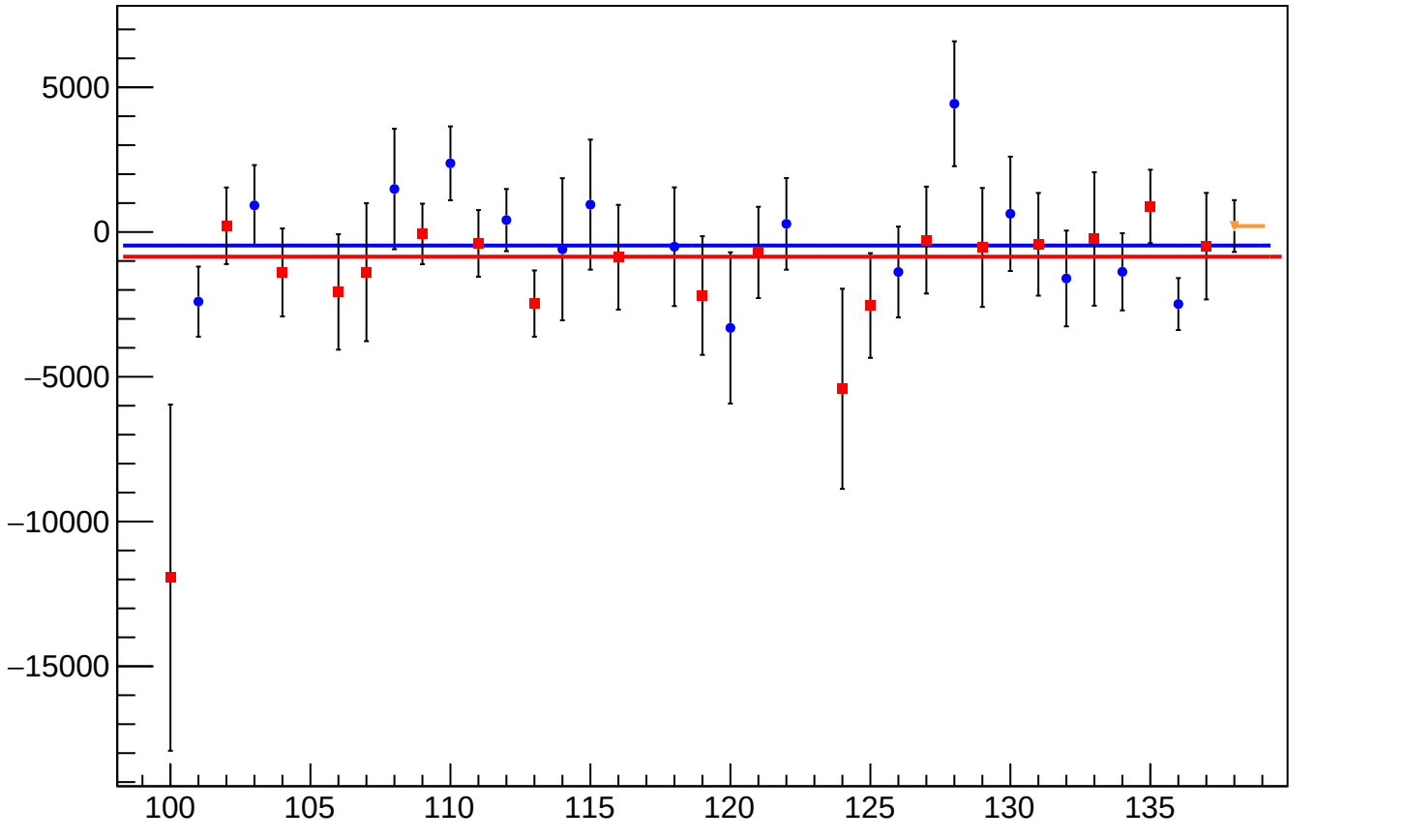
Right Out: 73.773+/-0.020 χ^2/NDF: 928163.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.544+/-0.020 χ^2/NDF: 875235.5/16

All: 74.676+/-0.014 χ^2/NDF: 1807348.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -466.511+/-375.033 χ^2/NDF: 23.7/15

Left Out: 207.448+/-894.931 χ^2/NDF:0.0/0

Right Out: -850.757+/-373.092 χ^2/NDF: 12.6/18

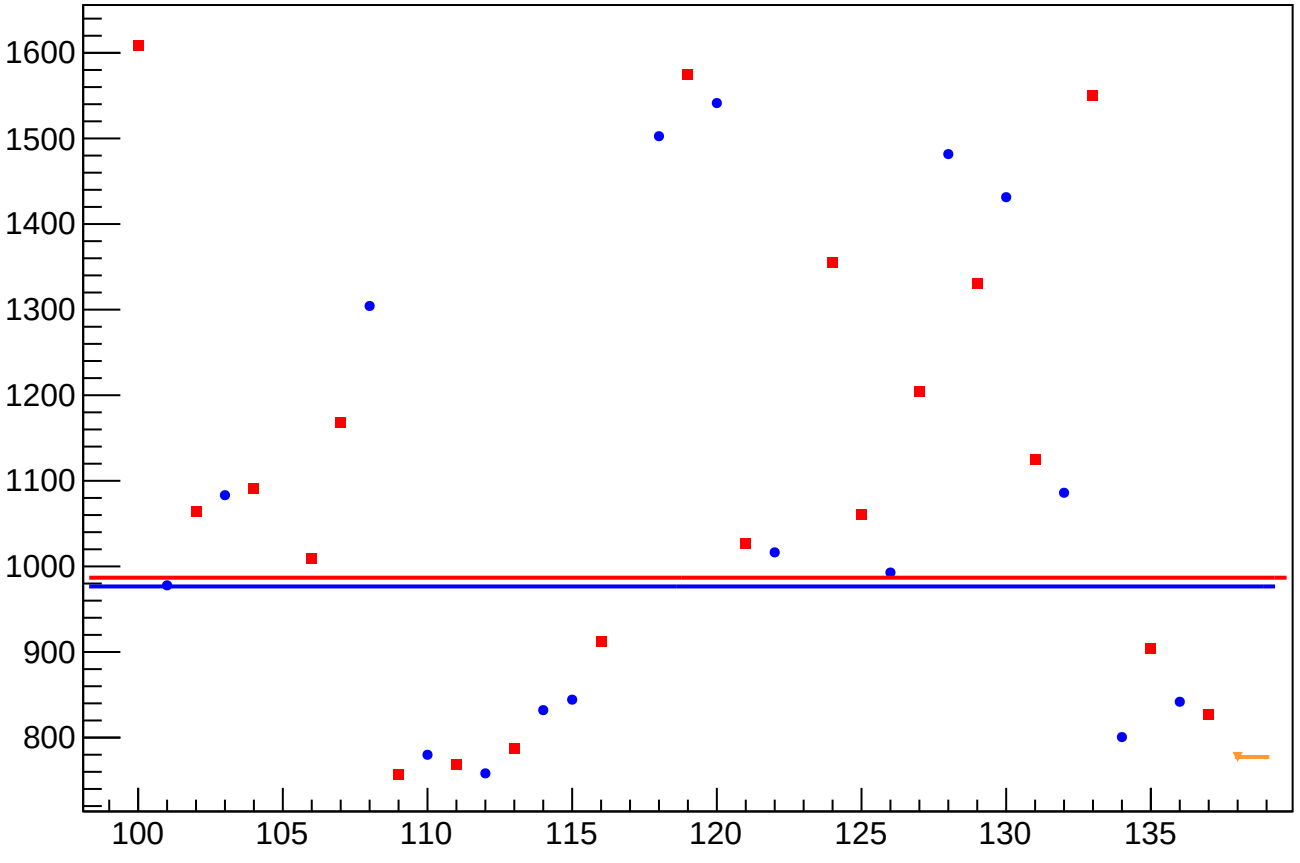
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -365.834+/-345.889 χ^2/NDF: 24.2/16

All: -589.975+/-253.653 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 976.589+/-0.265 χ^2/NDF: 736628.5/15

Left Out: 777.356+/-0.633 χ^2/NDF:0.0/0

Right Out: 986.823+/-0.264 χ^2/NDF: 713316.0/18

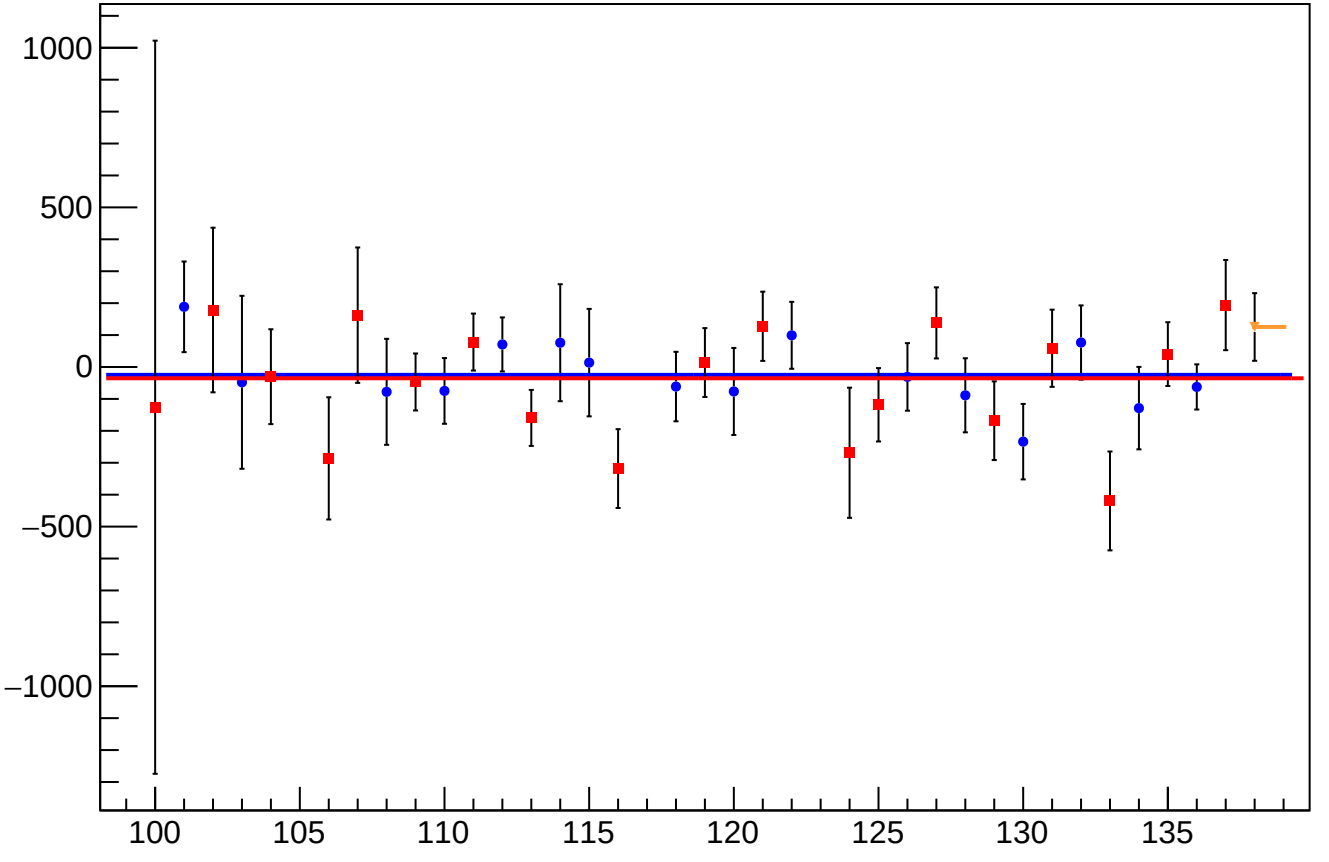
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 946.827+/-0.245 χ^2/NDF: 820944.2/16

All: 965.314+/-0.179 χ^2/NDF: 1546620.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: -24.640+/-28.913 χ^2/NDF: 11.0/15

Left Out: 125.356+/-105.970 χ^2/NDF:0.0/0

Right Out: -35.383+/-28.457 χ^2/NDF: 30.0/18

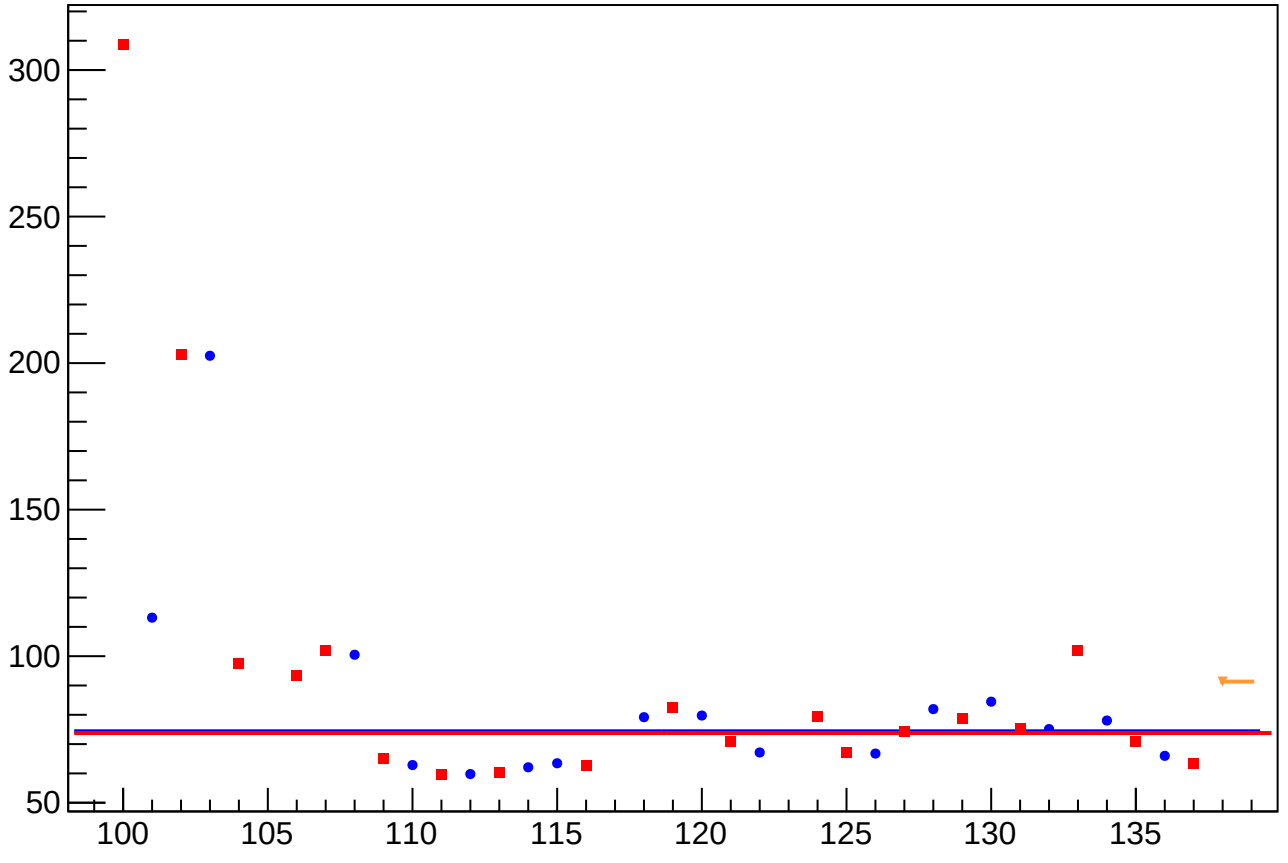
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -14.247+/-27.893 χ^2/NDF: 12.9/16

All: -24.603+/-19.920 χ^2/NDF: 43.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 74.369+/-0.020 χ^2/NDF: 827585.2/15

Left Out: 91.324+/-0.075 χ^2/NDF:0.0/0

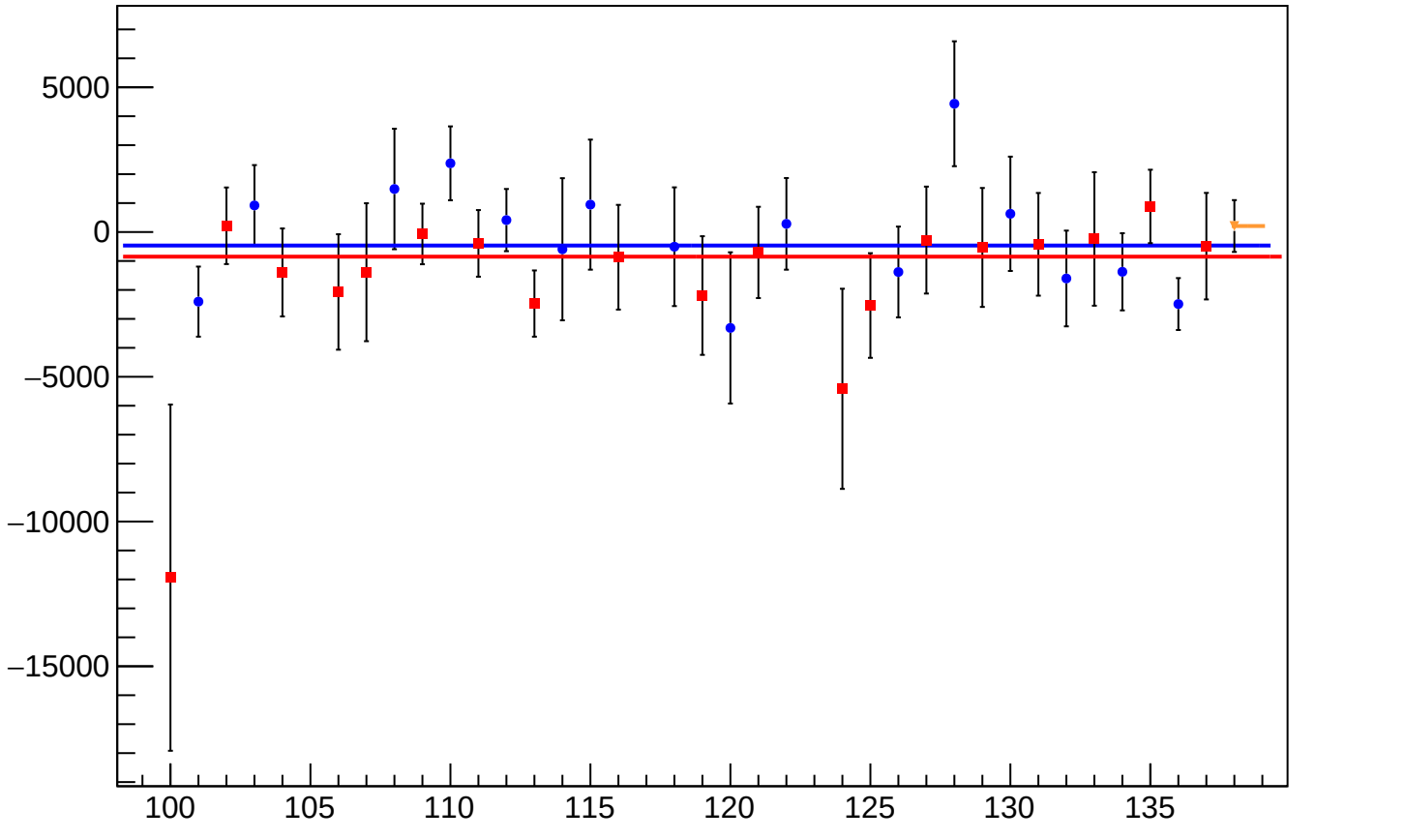
Right Out: 73.773+/-0.020 χ^2/NDF: 928163.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.544+/-0.020 χ^2/NDF: 875235.5/16

All: 74.676+/-0.014 χ^2/NDF: 1807348.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -466.511+/-375.033 χ^2/NDF: 23.7/15

Left Out: 207.448+/-894.931 χ^2/NDF:0.0/0

Right Out: -850.757+/-373.092 χ^2/NDF: 12.6/18

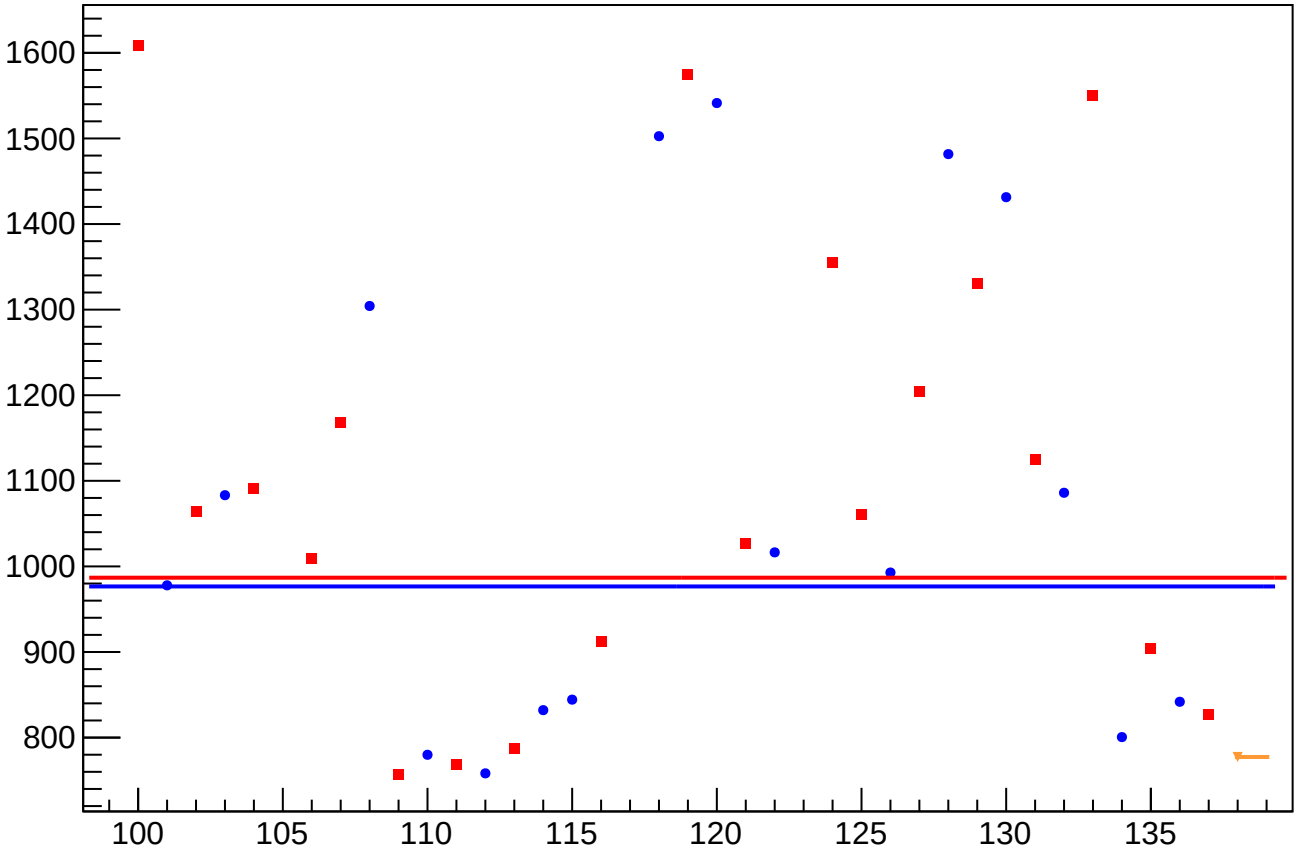
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -365.834+/-345.889 χ^2/NDF: 24.2/16

All: -589.975+/-253.653 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 976.589+/-0.265 χ^2/NDF: 736628.5/15

Left Out: 777.356+/-0.633 χ^2/NDF:0.0/0

Right Out: 986.823+/-0.264 χ^2/NDF: 713316.0/18

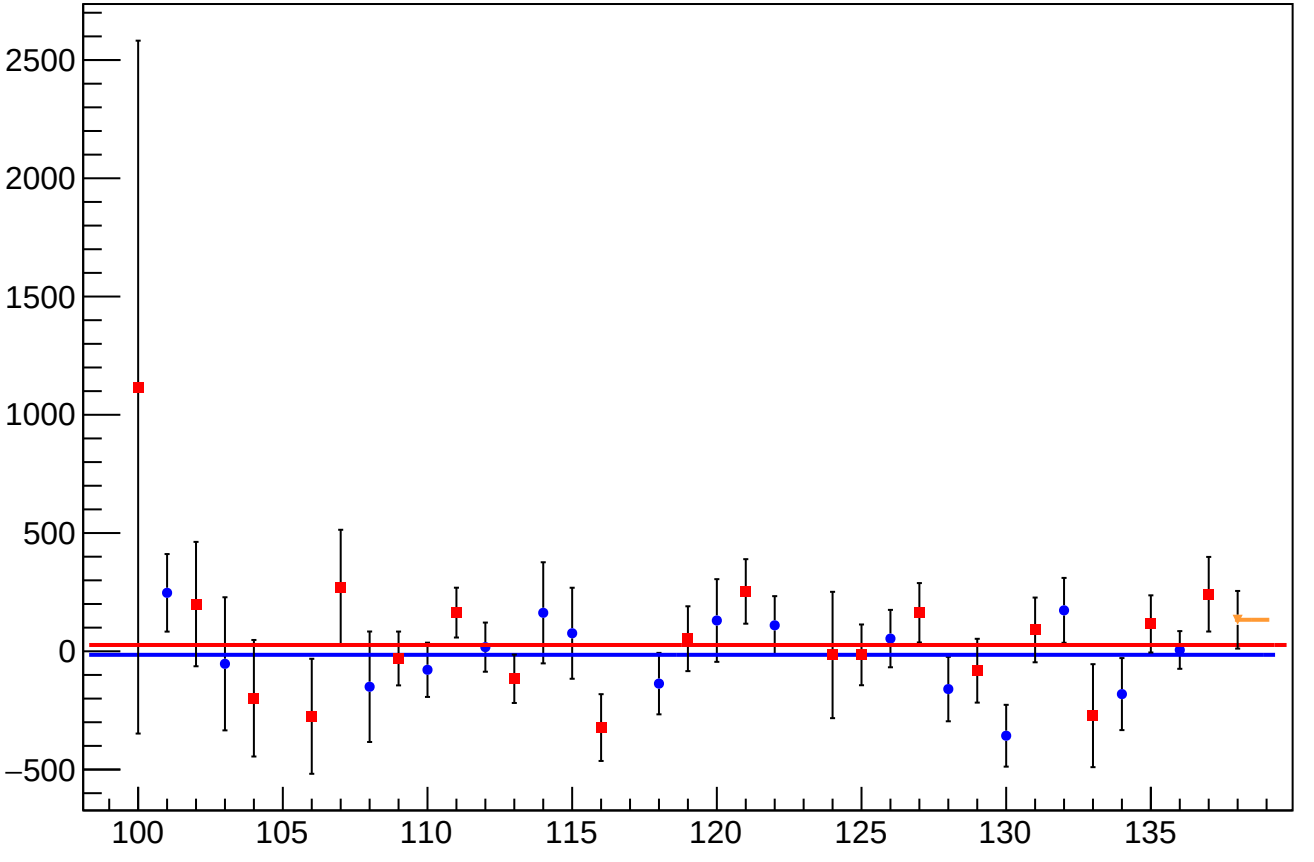
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 946.827+/-0.245 χ^2/NDF: 820944.2/16

All: 965.314+/-0.179 χ^2/NDF: 1546620.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: -14.953+/-33.761 χ^2/NDF: 18.3/15

Left Out: 133.221+/-121.930 χ^2/NDF:0.0/0

Right Out: 26.654+/-34.073 χ^2/NDF: 23.6/18

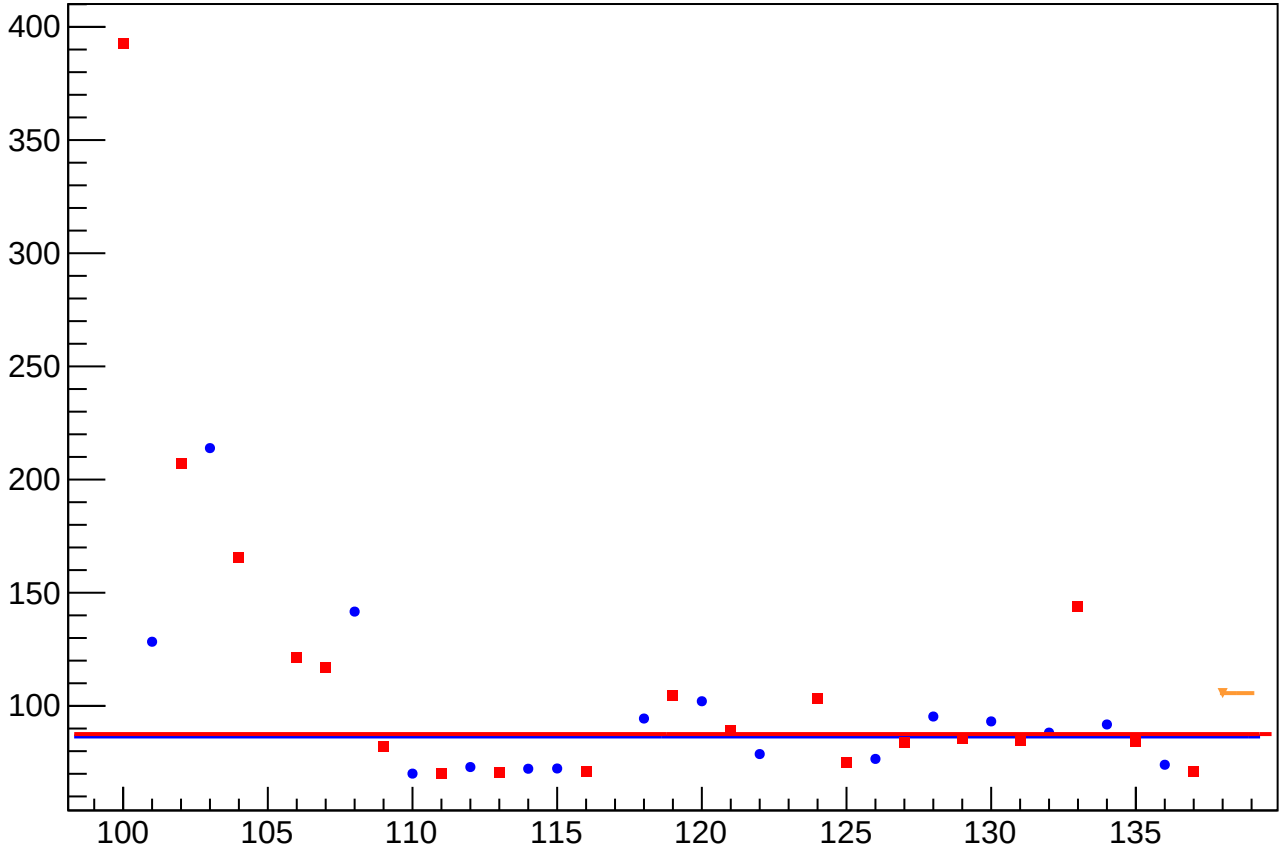
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.402+/-32.537 χ^2/NDF: 19.6/16

All: 10.410+/-23.531 χ^2/NDF: 43.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 86.489+/-0.024 χ^2/NDF: 856257.9/15

Left Out: 105.646+/-0.086 χ^2/NDF:0.0/0

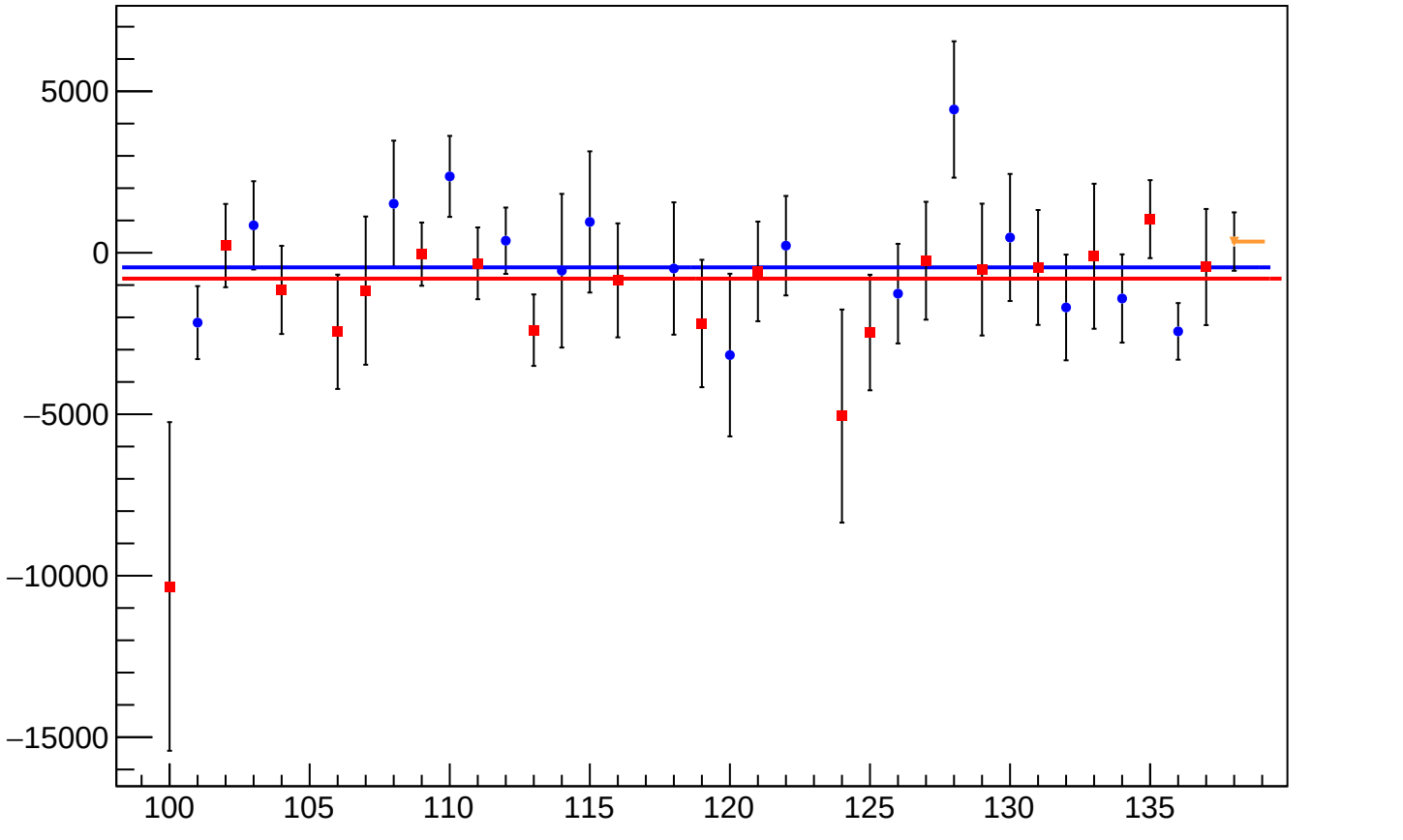
Right Out: 87.555+/-0.024 χ^2/NDF: 1129794.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 87.853+/-0.023 χ^2/NDF: 902114.9/16

All: 87.711+/-0.017 χ^2/NDF: 2031989.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -451.380+/-365.605 χ^2/NDF: 23.7/15

Left Out: 346.731+/-903.810 χ^2/NDF:0.0/0

Right Out: -801.206+/-357.866 χ^2/NDF: 13.6/18

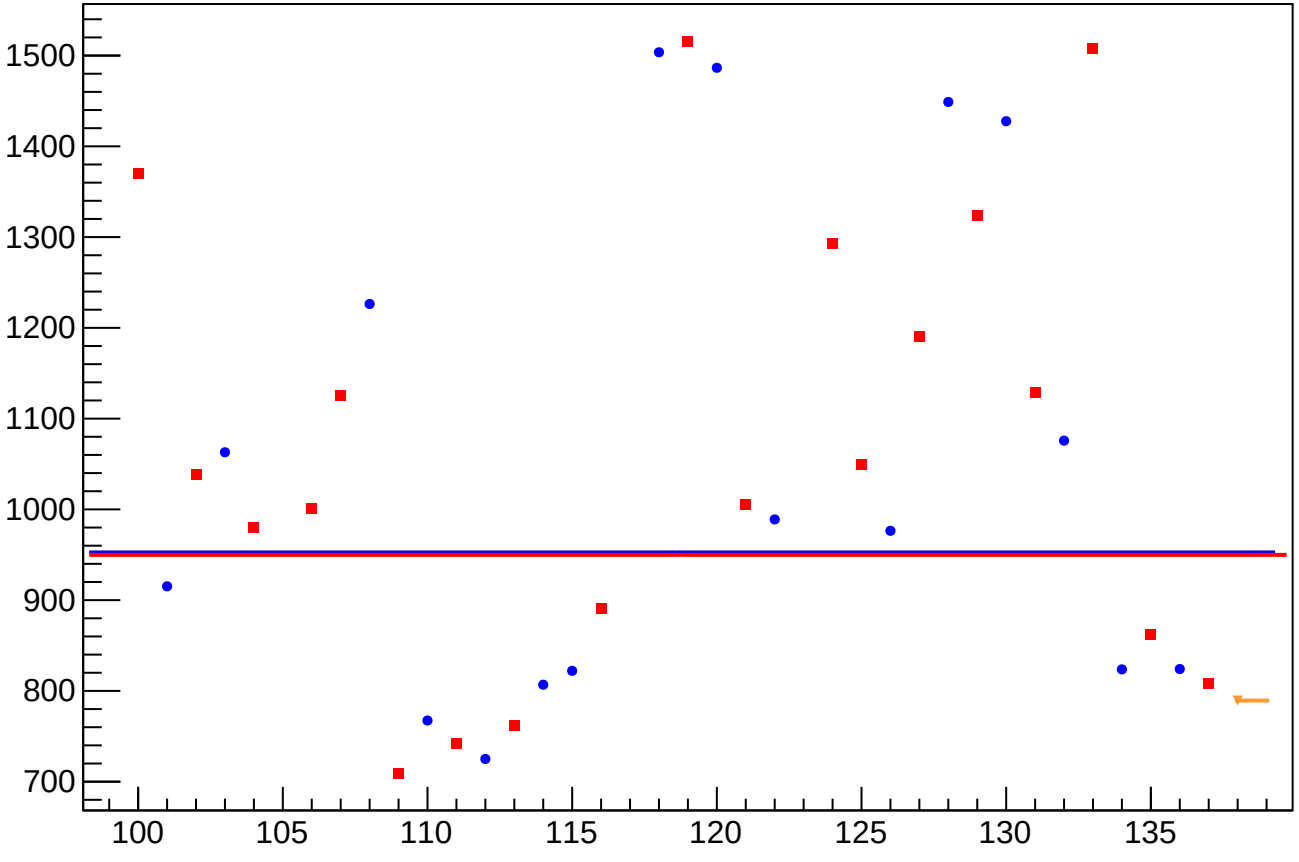
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -339.148+/-338.926 χ^2/NDF: 24.4/16

All: -557.626+/-246.080 χ^2/NDF: 38.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 952.551+/-0.259 χ^2/NDF: 746346.9/15

Left Out: 789.369+/-0.639 χ^2/NDF:0.0/0

Right Out: 949.891+/-0.253 χ^2/NDF: 751675.2/18

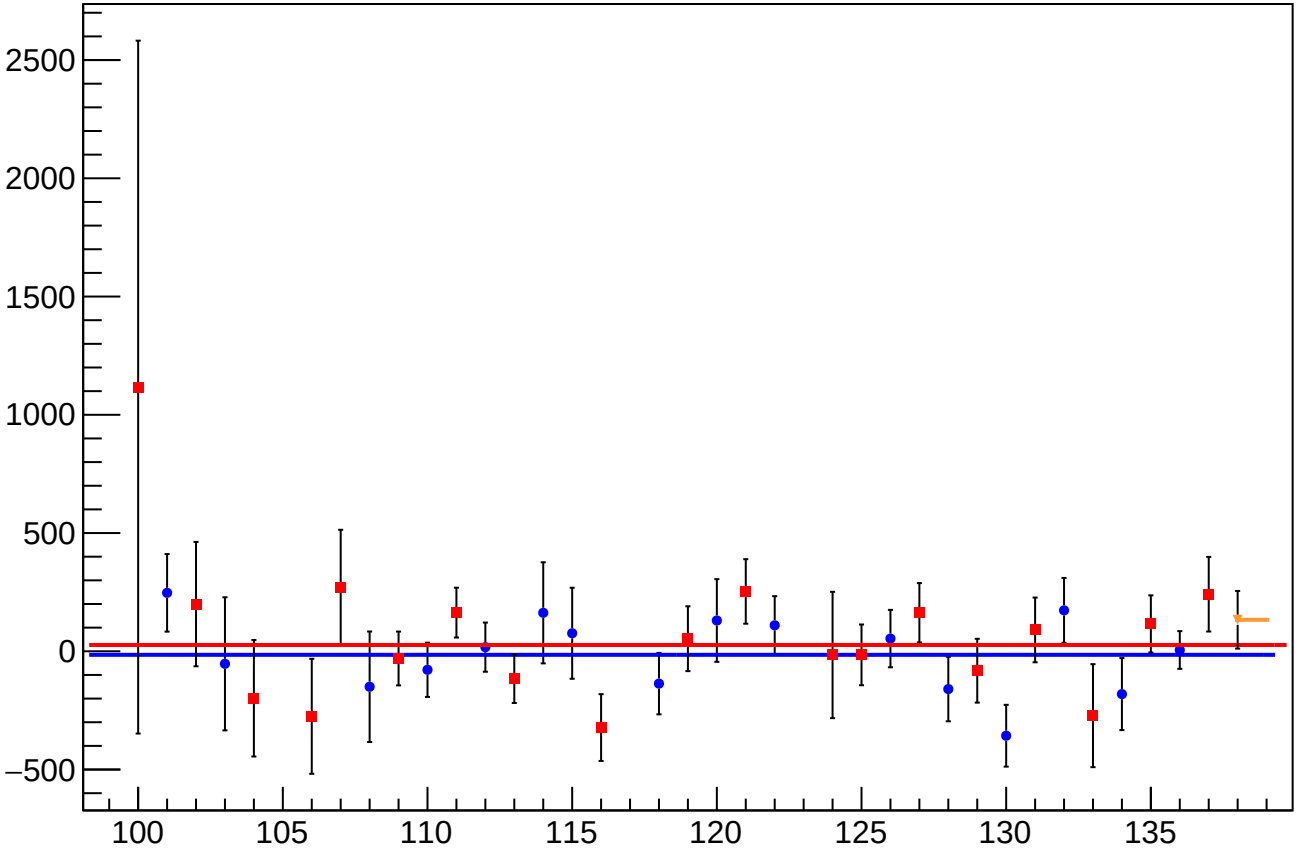
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 929.604+/-0.240 χ^2/NDF: 802374.4/16

All: 939.197+/-0.174 χ^2/NDF: 1557438.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: -14.954+/-33.761 χ^2/NDF: 18.3/15

Left Out: 133.217+/-121.930 χ^2/NDF:0.0/0

Right Out: 26.658+/-34.073 χ^2/NDF: 23.6/18

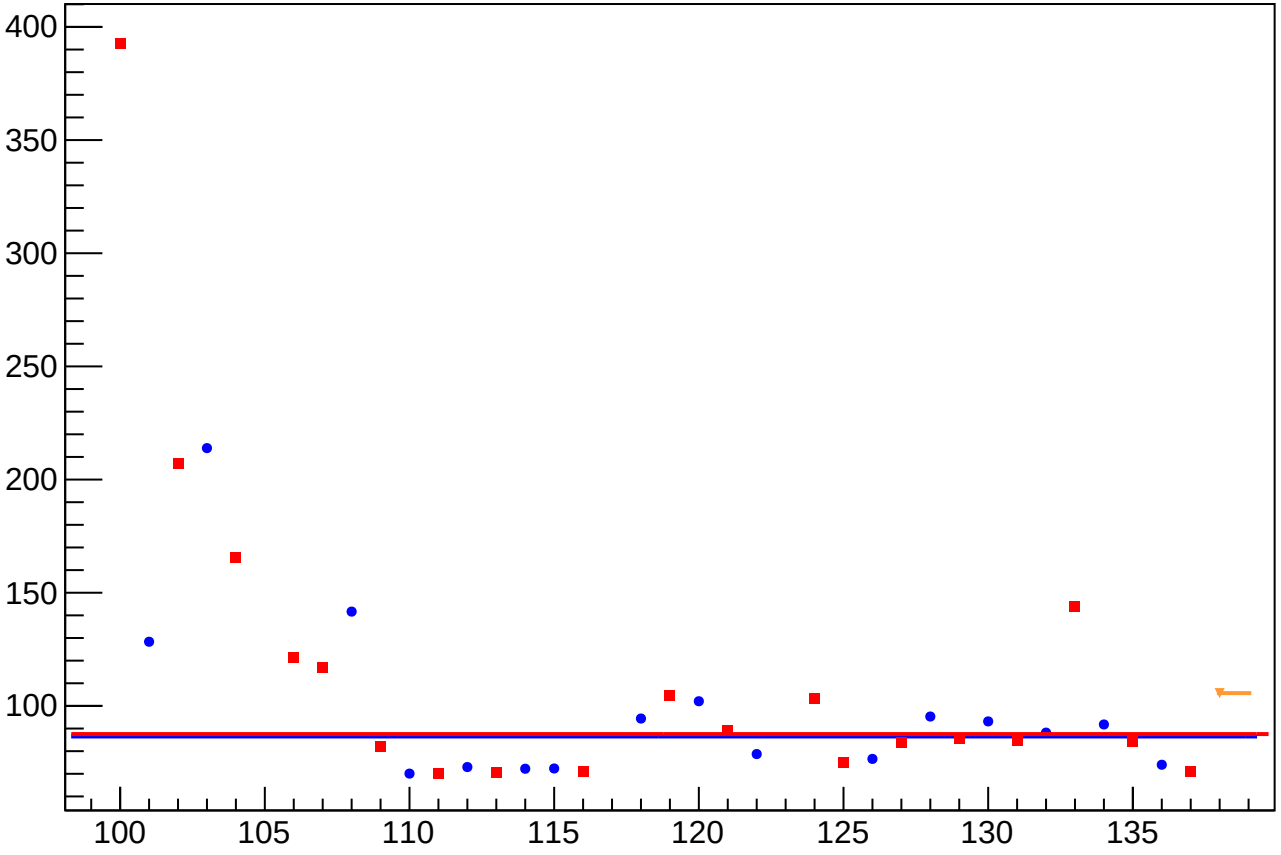
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.403+/-32.537 χ^2/NDF: 19.6/16

All: 10.411+/-23.531 χ^2/NDF: 43.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 86.489+/-0.024 χ^2/NDF: 856249.6/15

Left Out: 105.647+/-0.086 χ^2/NDF:0.0/0

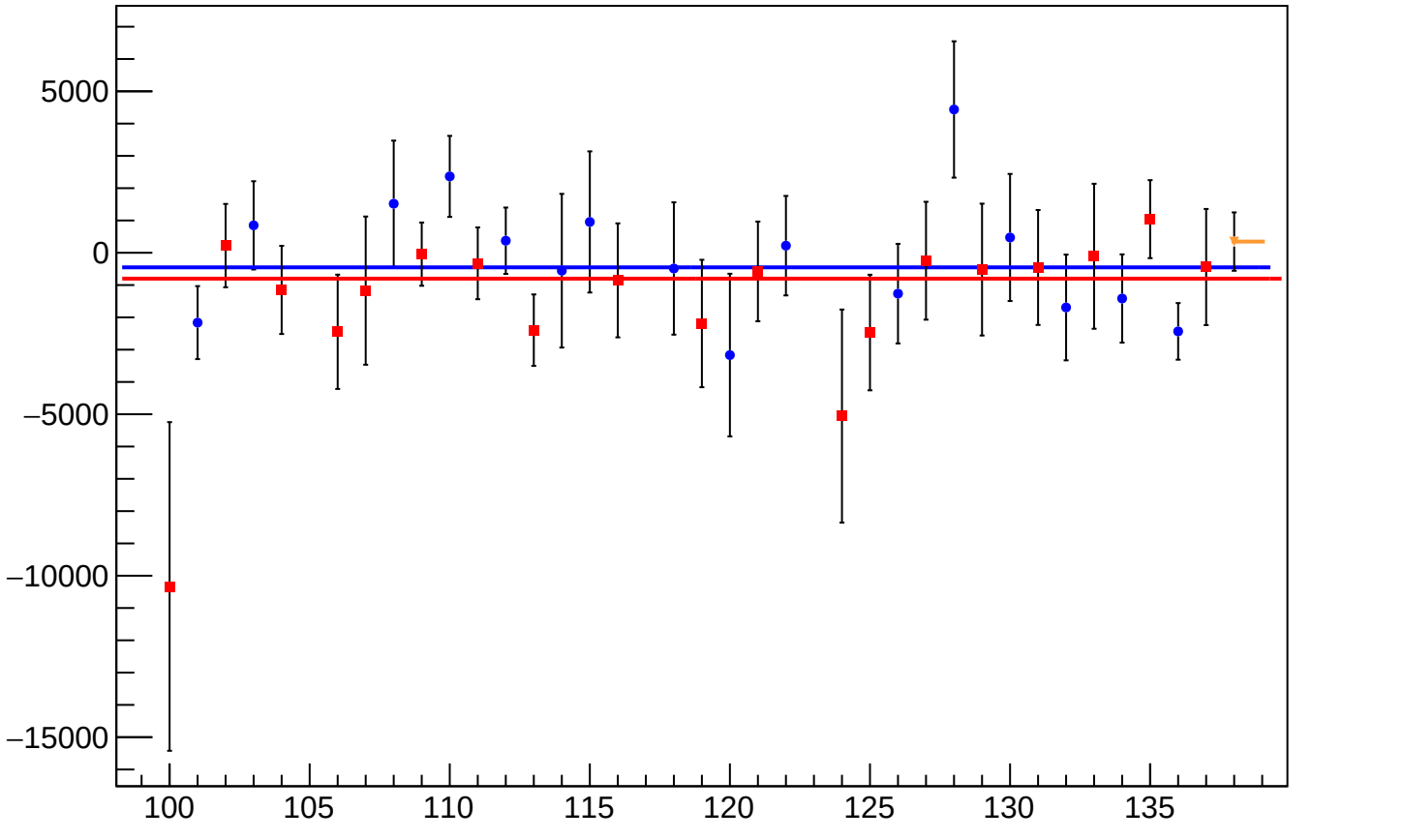
Right Out: 87.555+/-0.024 χ^2/NDF: 1129791.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 87.854+/-0.023 χ^2/NDF: 902105.1/16

All: 87.711+/-0.017 χ^2/NDF: 2031977.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -451.378+/-365.605 χ^2/NDF: 23.7/15

Left Out: 346.727+/-903.811 χ^2/NDF:0.0/0

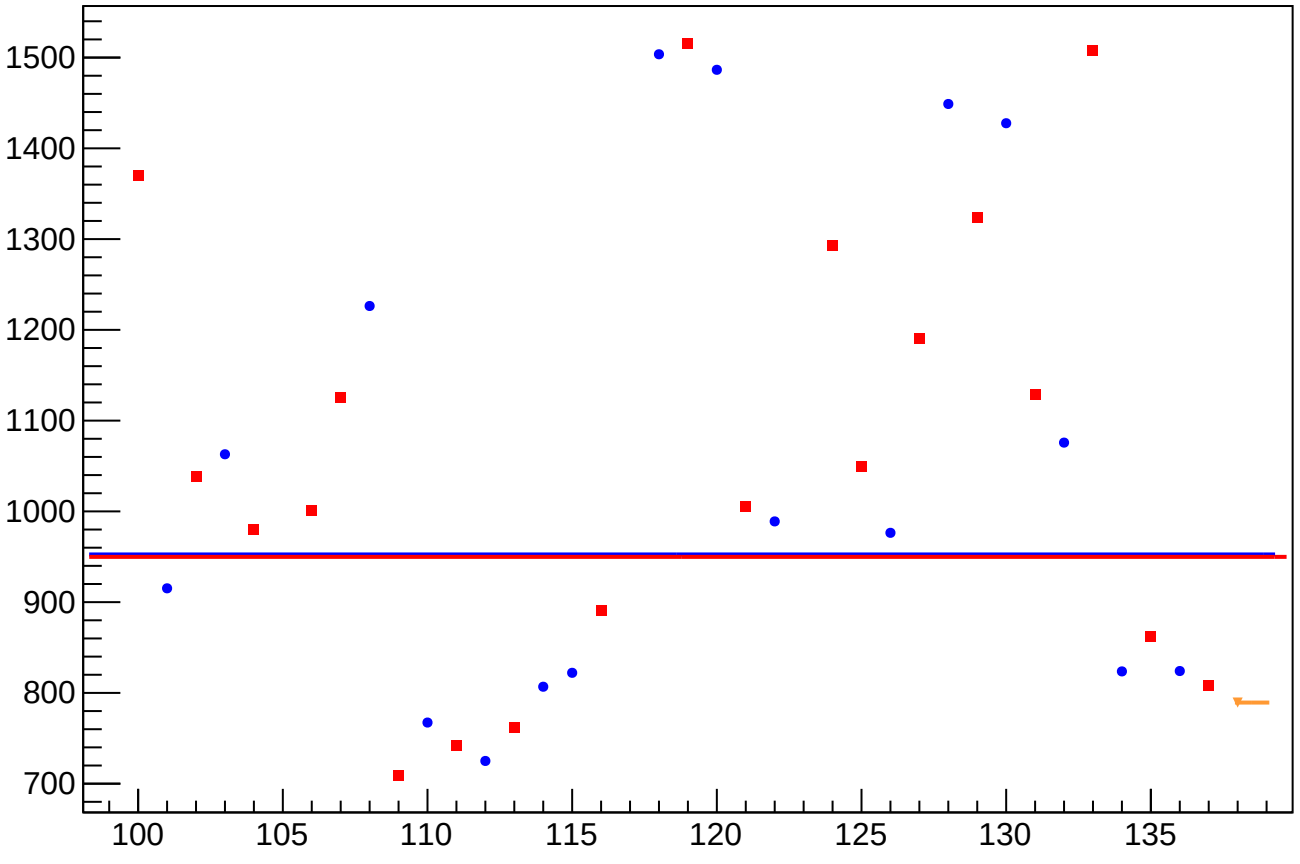
Right Out: -801.205+/-357.865 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -339.147+/-338.925 χ^2/NDF: 24.4/16

All: -557.626+/-246.080 χ^2/NDF: 38.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 952.549+/-0.259 χ^2/NDF: 746349.8/15

Left Out: 789.370+/-0.639 χ^2/NDF:0.0/0

Right Out: 949.890+/-0.253 χ^2/NDF: 751674.5/18

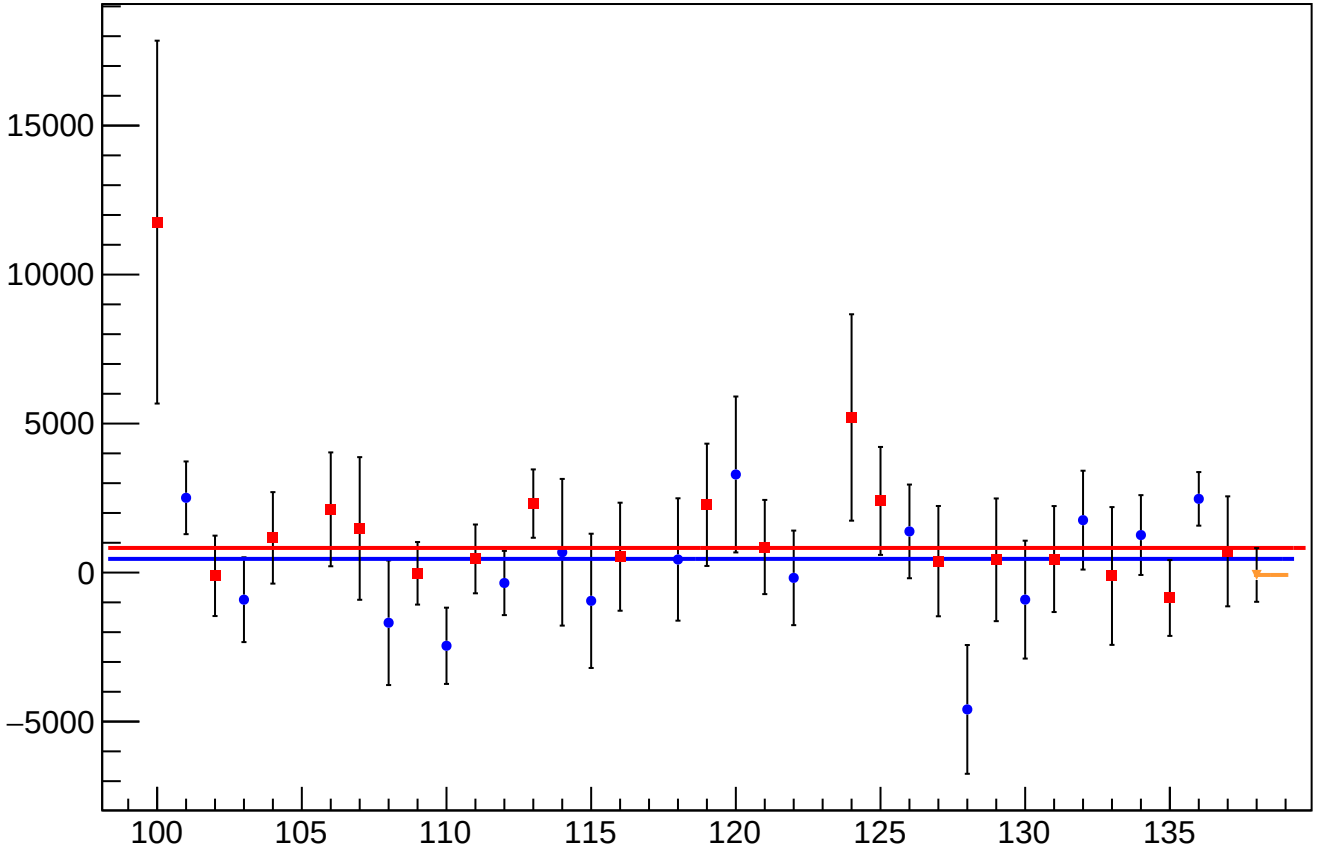
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 929.603+/-0.240 χ^2/NDF: 802375.3/16

All: 939.195+/-0.174 χ^2/NDF: 1557438.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: 459.137+/-376.873 χ^2/NDF: 24.6/15

Left Out: -79.995+/-901.297 χ^2/NDF:0.0/0

Right Out: 826.531+/-374.244 χ^2/NDF: 11.7/18

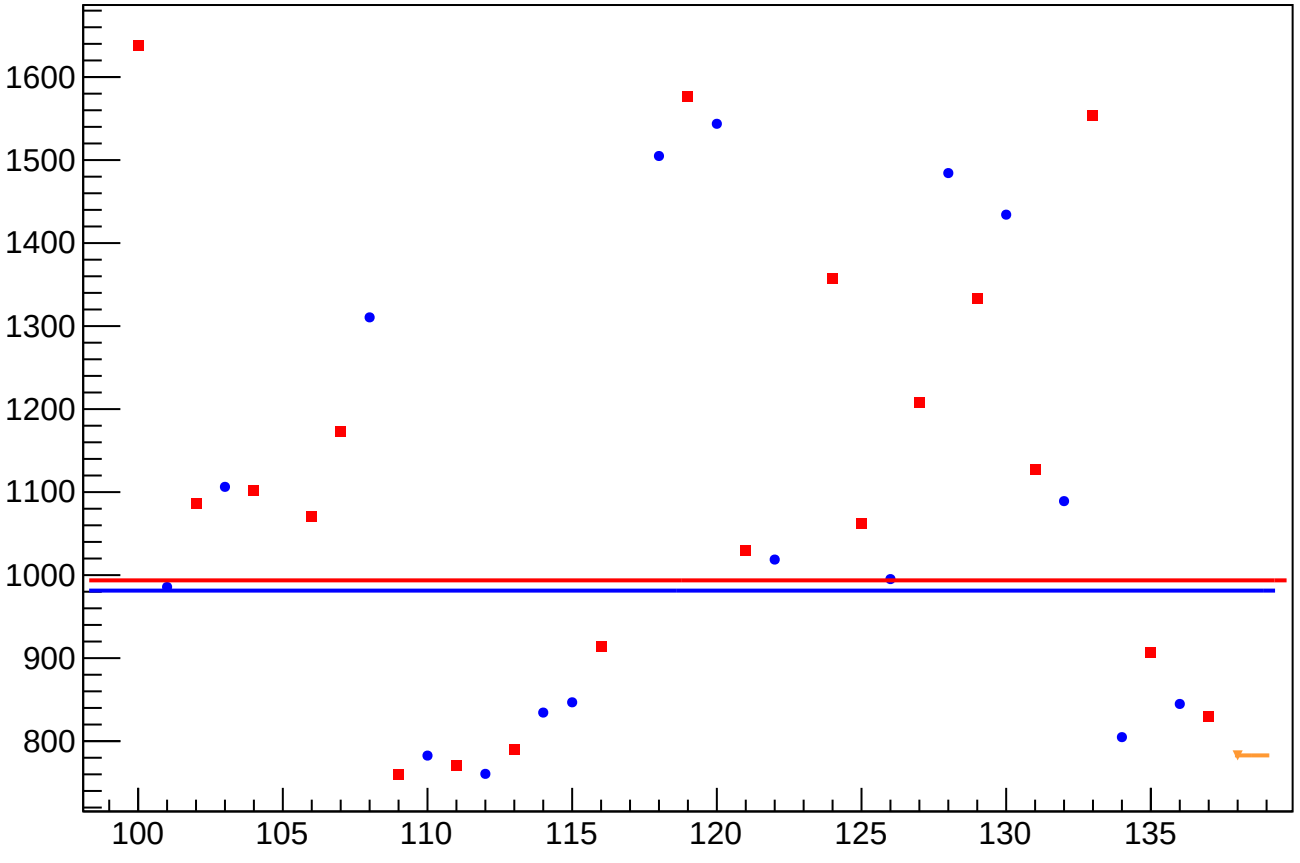
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 378.901+/-347.700 χ^2/NDF: 24.9/16

All: 586.280+/-254.729 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 981.349+/-0.266 χ^2/NDF: 737627.4/15

Left Out: 782.824+/-0.637 χ^2/NDF:0.0/0

Right Out: 993.684+/-0.265 χ^2/NDF: 719799.0/18

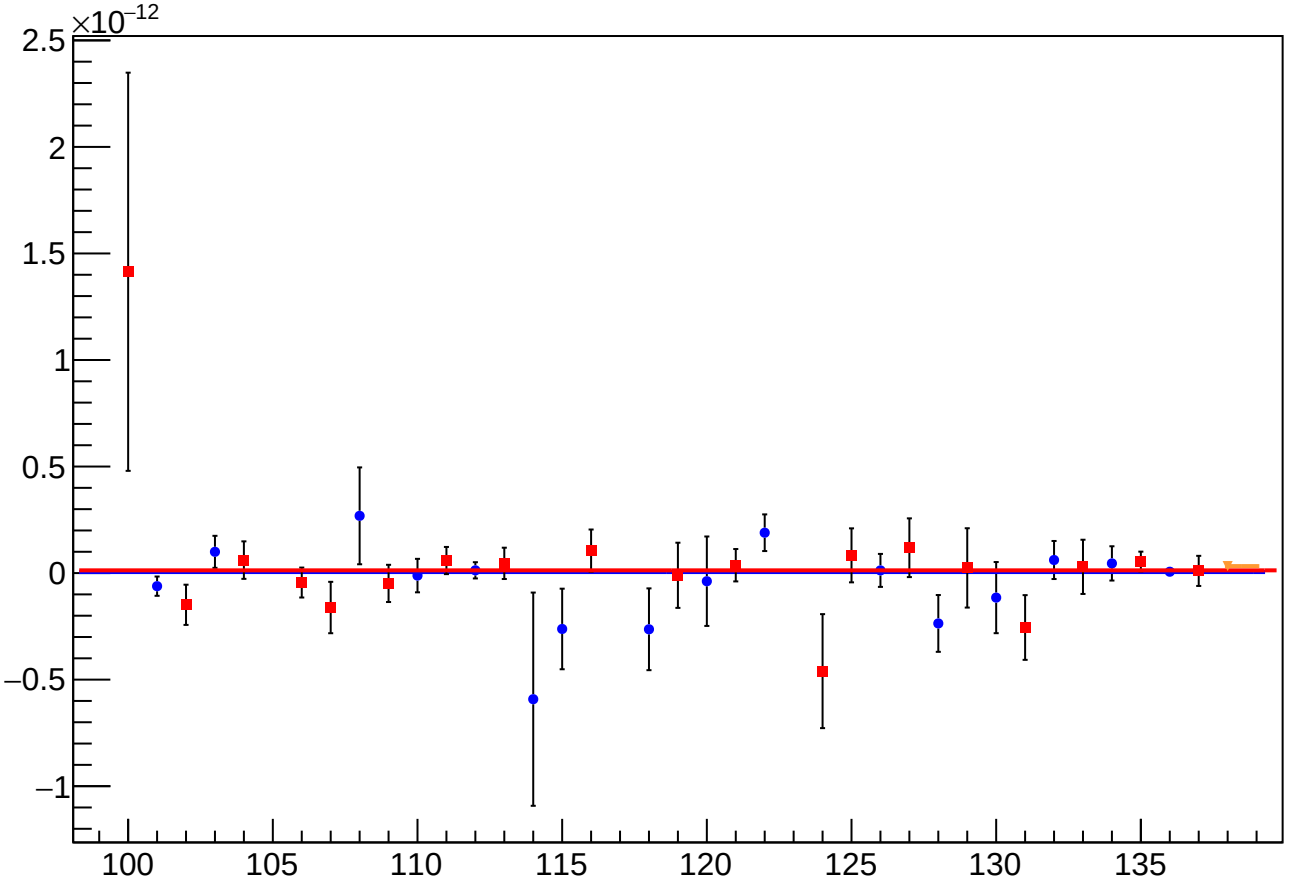
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 951.804+/-0.246 χ^2/NDF: 820220.2/16

All: 971.206+/-0.180 χ^2/NDF: 1553462.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 19.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

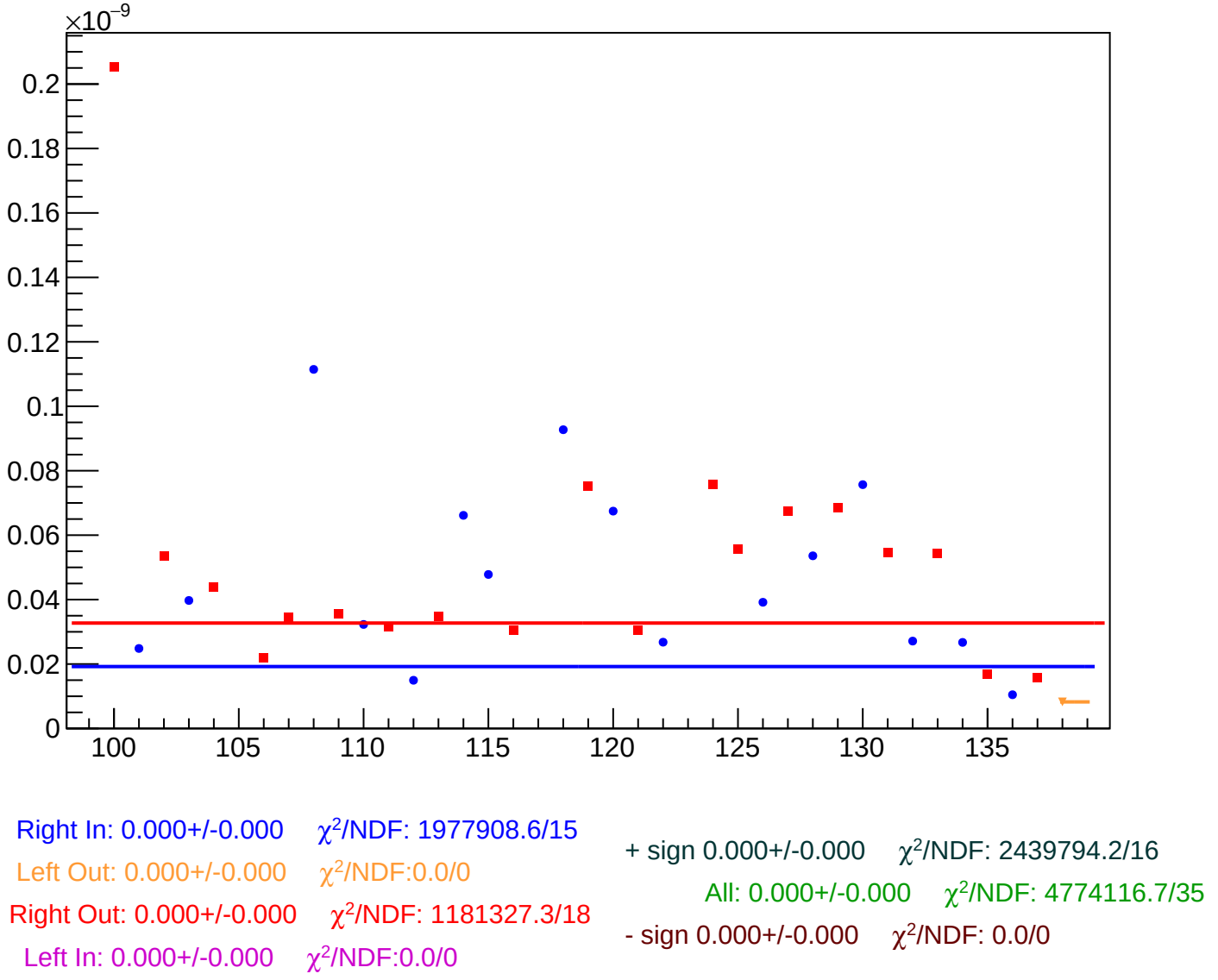
Right Out: 0.000+/-0.000 χ^2/NDF: 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

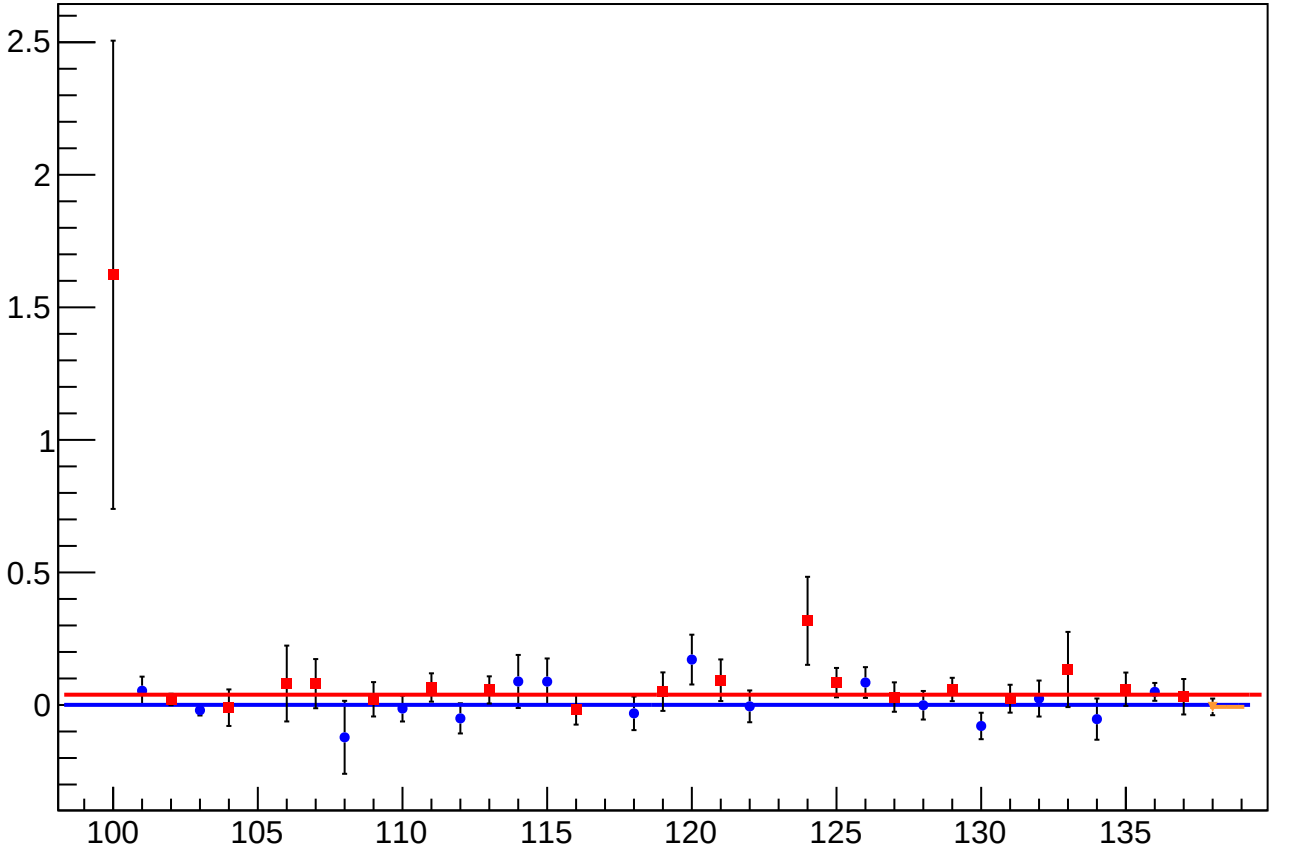
+ sign 0.000+/-0.000 χ^2/NDF: 21.2/16

All: 0.000+/-0.000 χ^2/NDF: 39.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1977908.6/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1181327.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2439794.2/16
All: 0.000+/-0.000 χ²/NDF: 4774116.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.012 χ^2/NDF: 16.5/15

Left Out: -0.007+/-0.031 χ^2/NDF:0.0/0

Right Out: 0.039+/-0.013 χ^2/NDF: 11.1/18

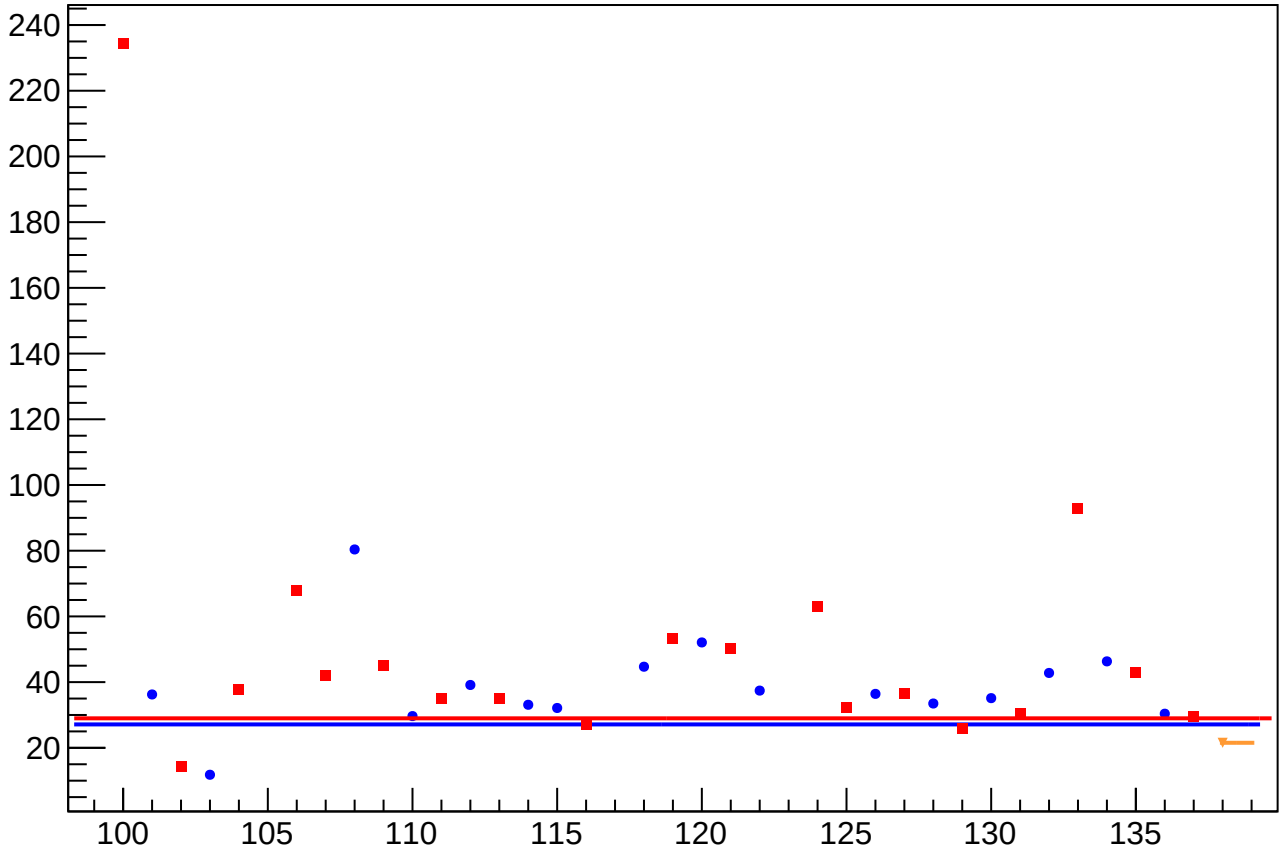
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.011 χ^2/NDF: 16.5/16

All: 0.017+/-0.008 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 27.128+/-0.009 χ^2/NDF: 2415316.1/15

Left Out: 21.537+/-0.022 χ^2/NDF:0.0/0

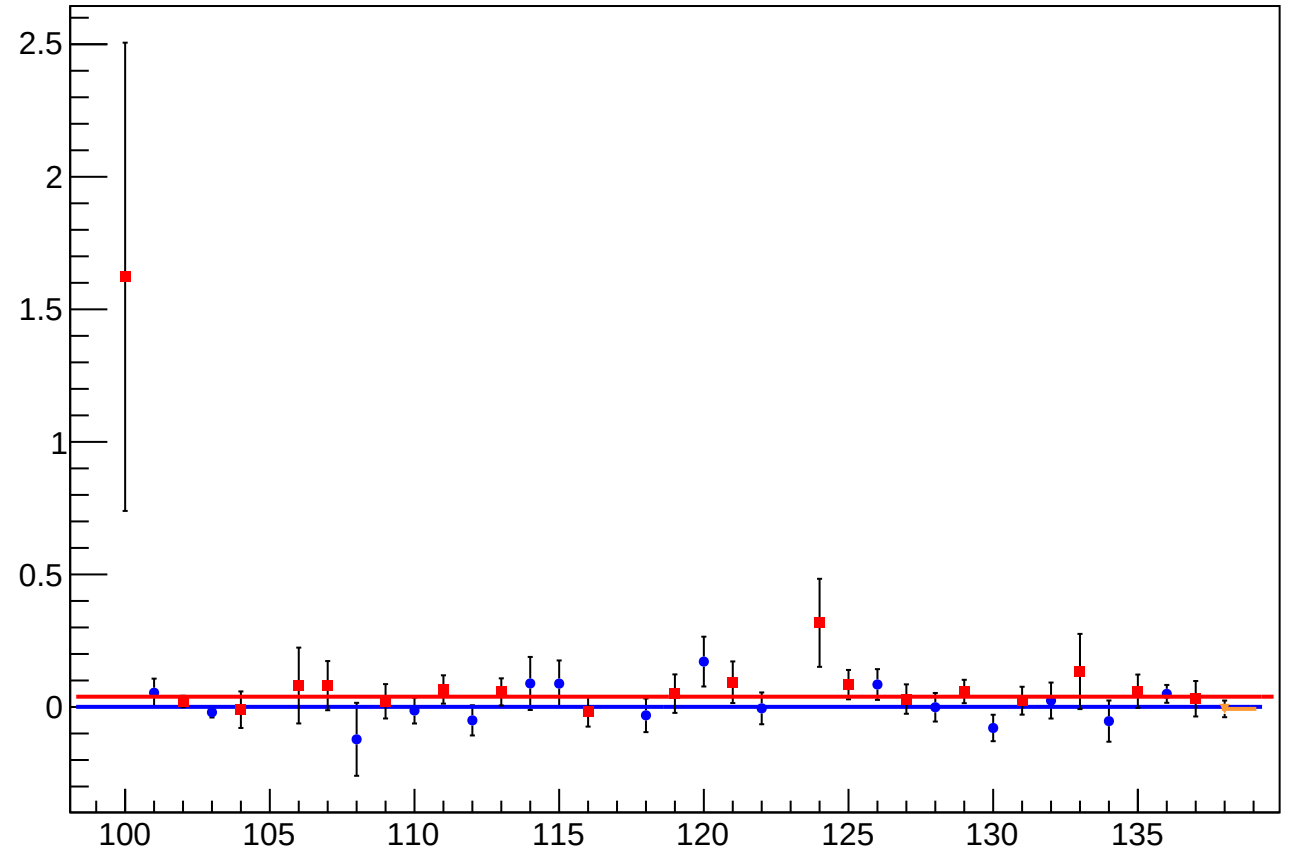
Right Out: 28.979+/-0.009 χ^2/NDF: 2456254.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 26.411+/-0.008 χ^2/NDF: 2470657.6/16

All: 27.545+/-0.006 χ^2/NDF: 4973021.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.012 χ^2/NDF: 16.5/15

Left Out: -0.007+/-0.031 χ^2/NDF:0.0/0

Right Out: 0.039+/-0.013 χ^2/NDF: 11.1/18

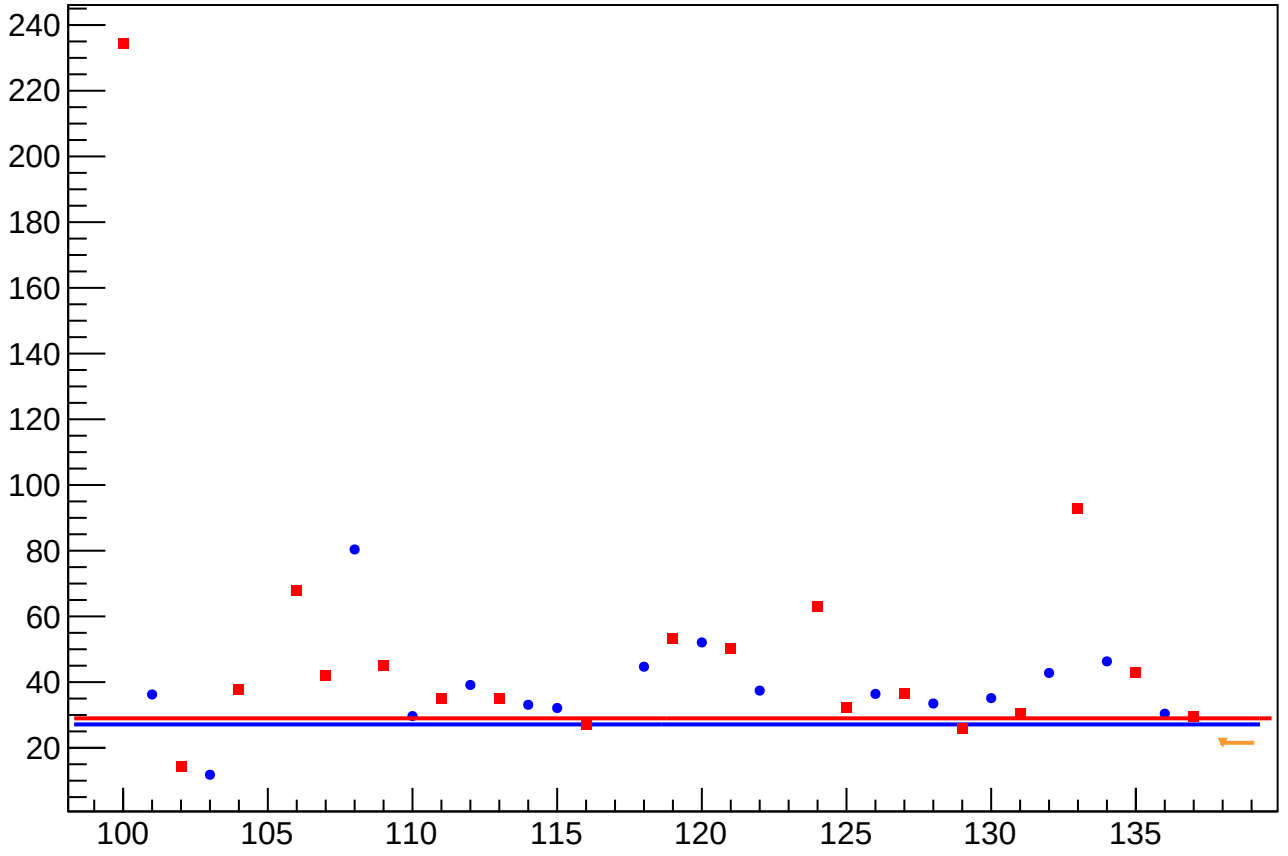
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.011 χ^2/NDF: 16.5/16

All: 0.017+/-0.008 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.128+/-0.009 χ^2/NDF: 2415316.1/15

Left Out: 21.537+/-0.022 χ^2/NDF:0.0/0

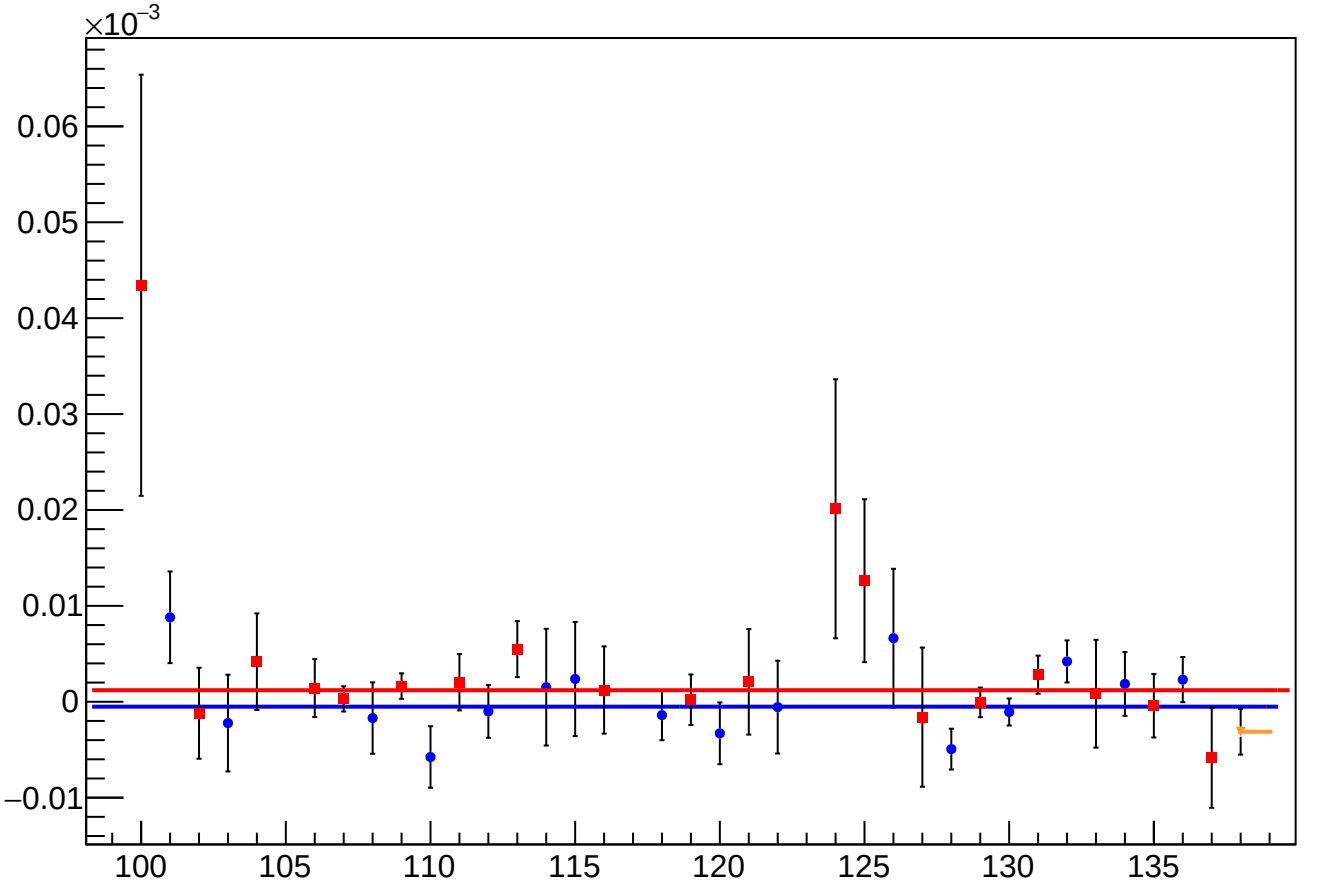
Right Out: 28.979+/-0.009 χ^2/NDF: 2456254.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 26.411+/-0.008 χ^2/NDF: 2470657.6/16

All: 27.545+/-0.006 χ^2/NDF: 4973021.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 20.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

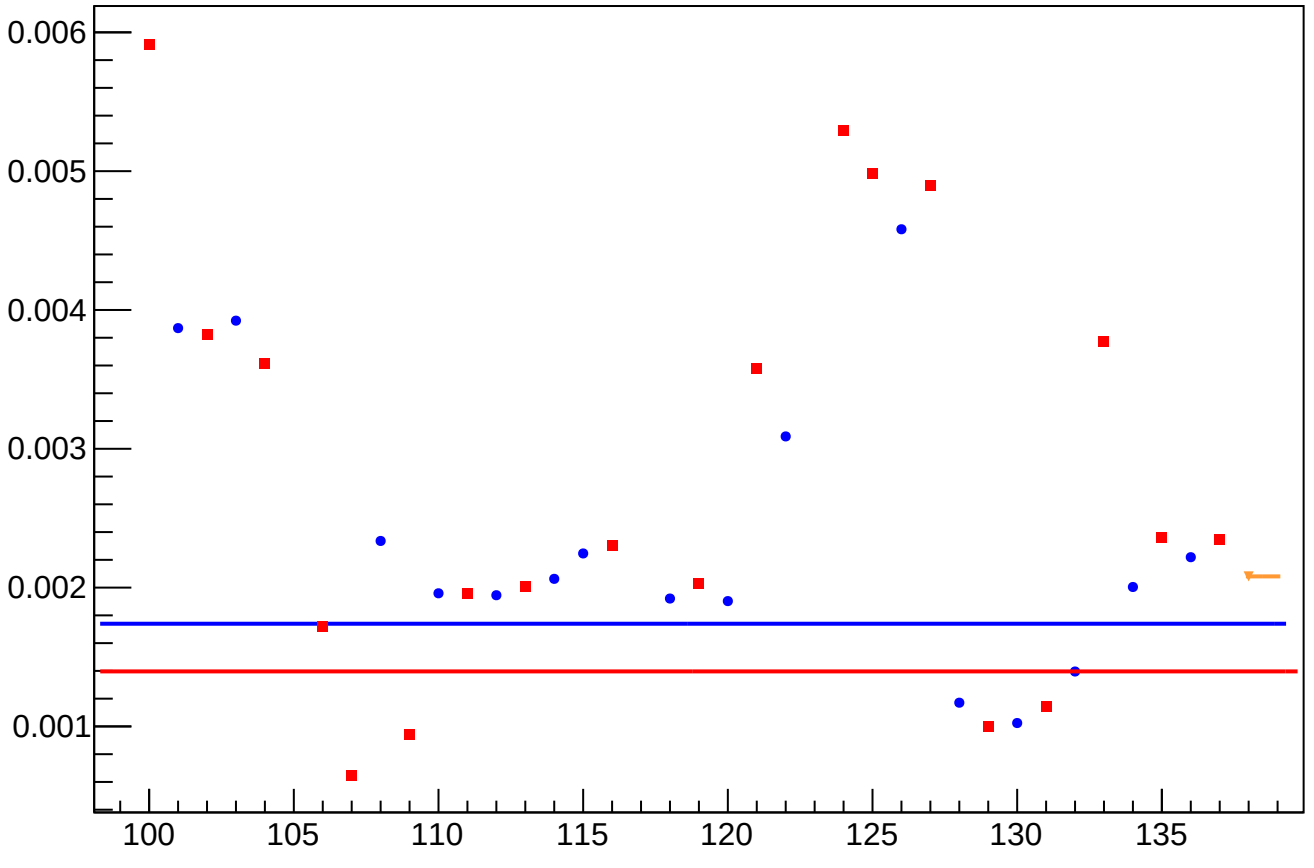
Right Out: 0.000+/-0.000 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 21.1/16

All: 0.000+/-0.000 χ^2/NDF: 40.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 2146798.7/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

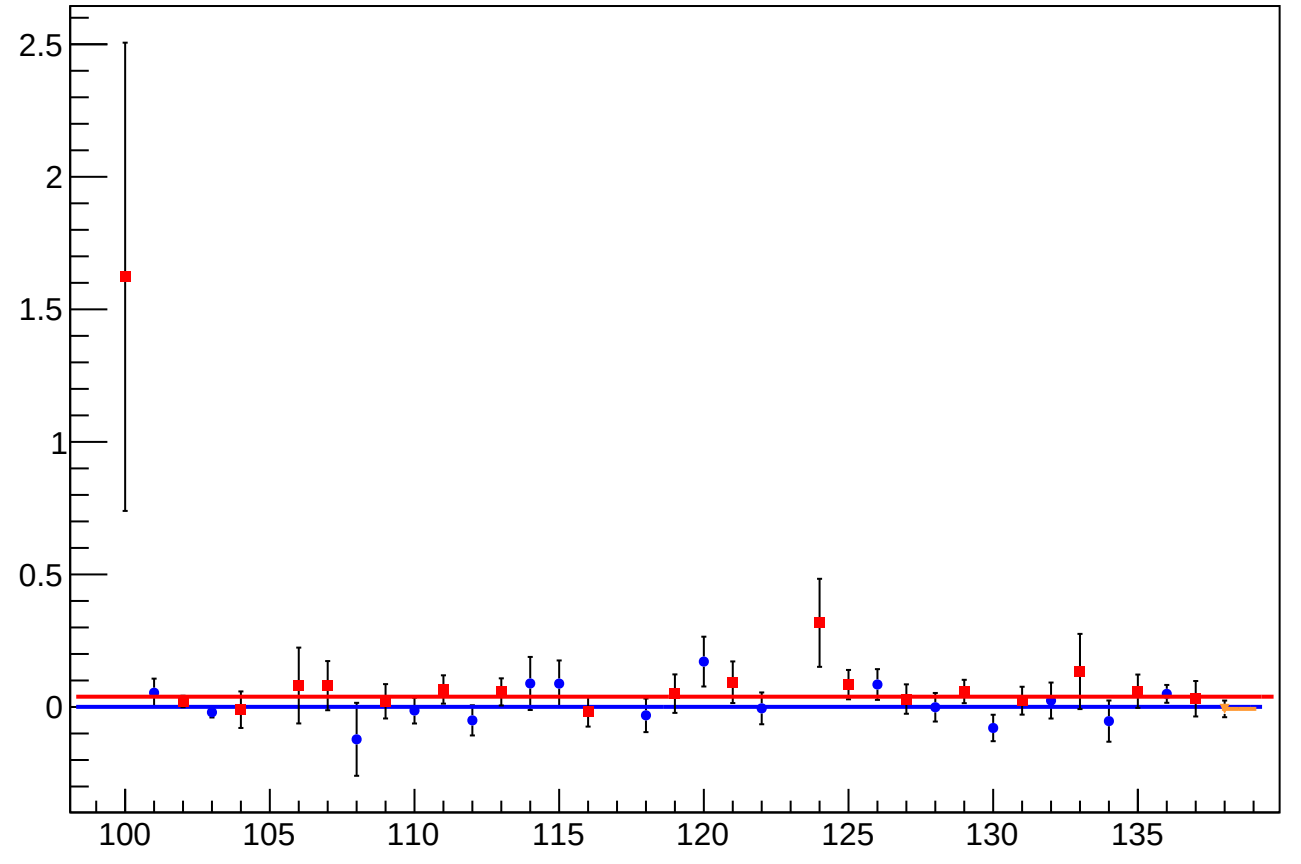
Right Out: 0.001+/-0.000 χ^2/NDF: 4323193.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 2184349.2/16

All: 0.002+/-0.000 χ^2/NDF: 6834451.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.012 χ^2/NDF: 16.5/15

Left Out: -0.007+/-0.031 χ^2/NDF:0.0/0

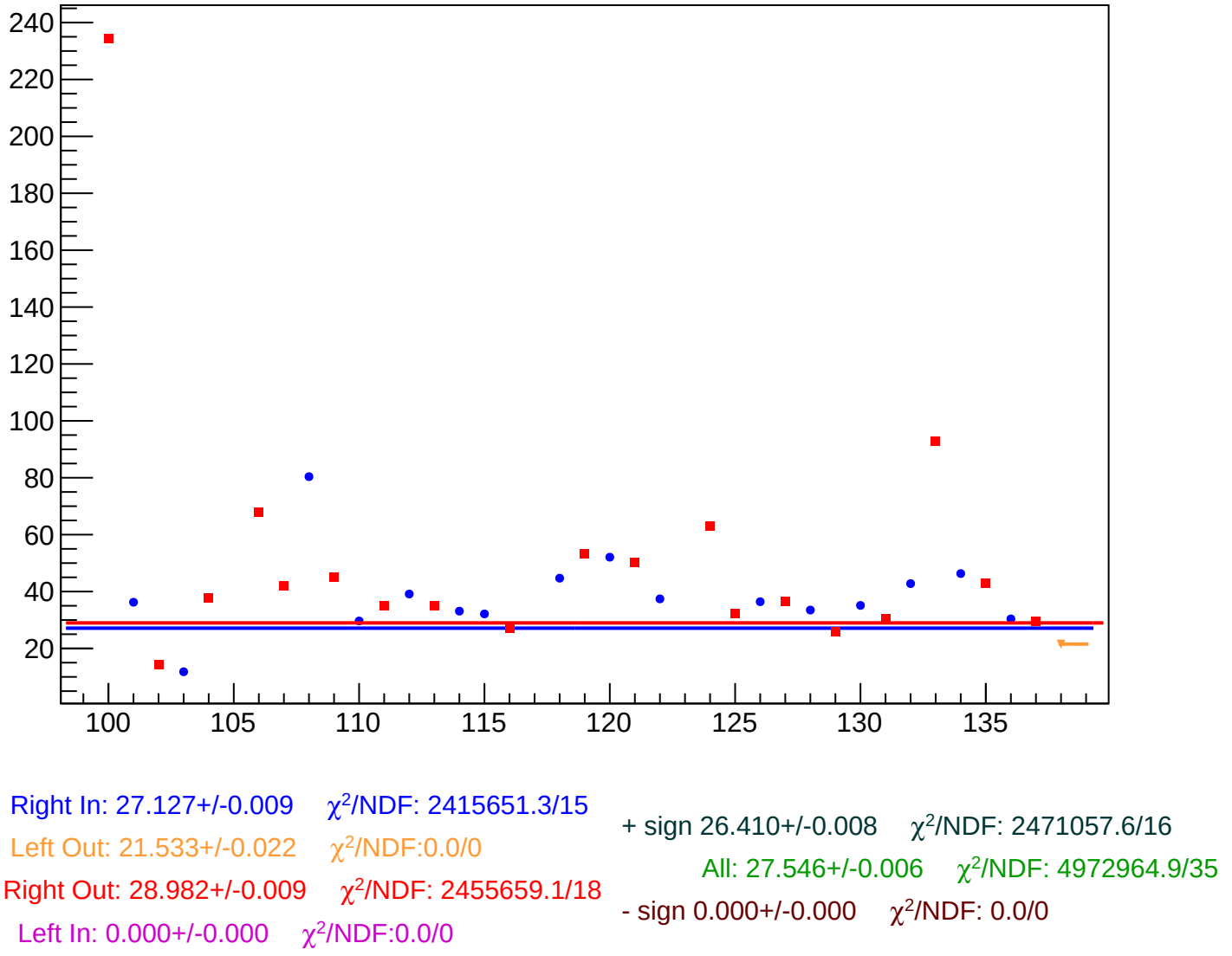
Right Out: 0.039+/-0.013 χ^2/NDF: 11.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.011 χ^2/NDF: 16.5/16

All: 0.017+/-0.008 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug
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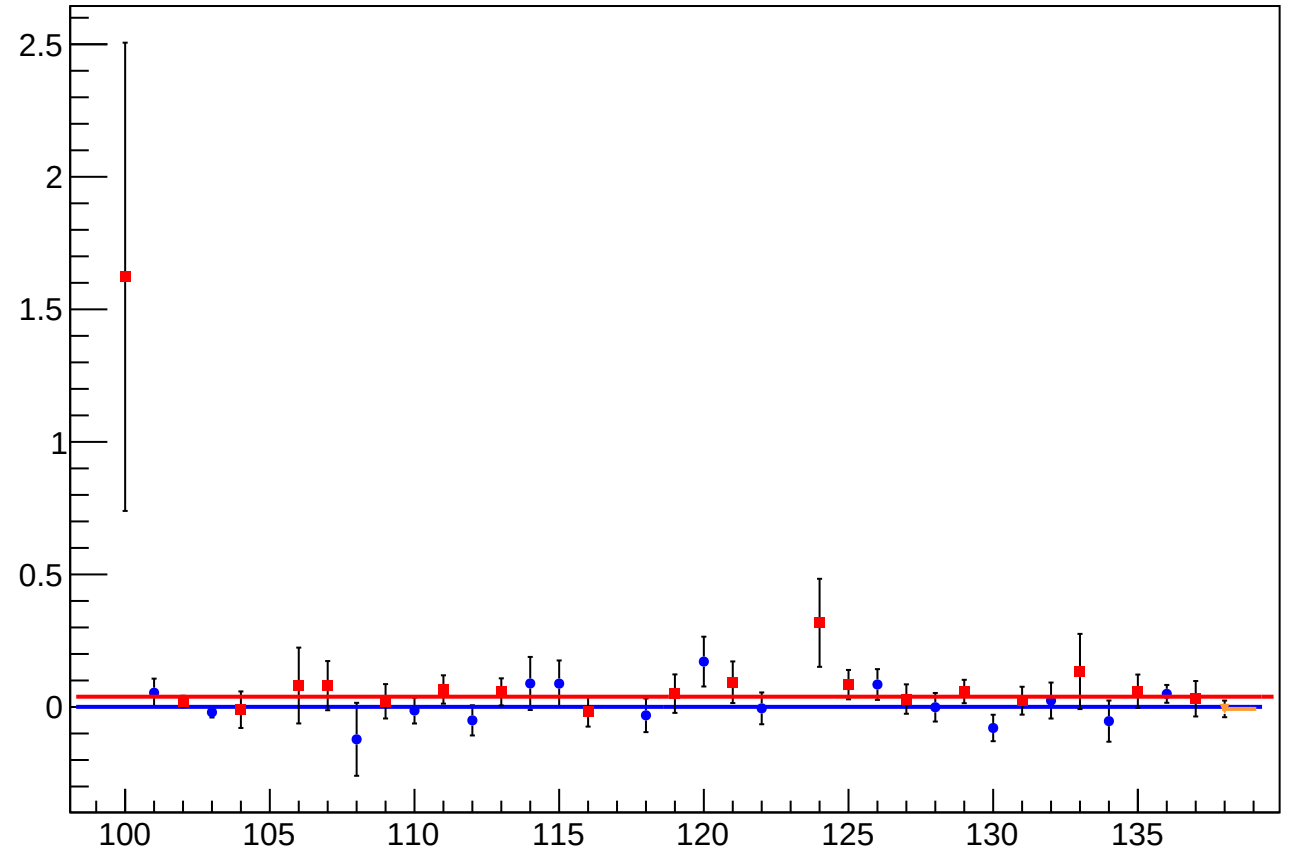
135
Right In: 27.127+/-0.009 χ²/NDF: 2415651.3/15
Left Out: 21.533+/-0.022 χ²/NDF:0.0/0
Right Out: 28.982+/-0.009 χ²/NDF: 2455659.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 26.410+/-0.008 χ²/NDF: 2471057.6/16
All: 27.546+/-0.006 χ²/NDF: 4972964.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.012 χ^2/NDF: 16.5/15

Left Out: -0.007+/-0.031 χ^2/NDF:0.0/0

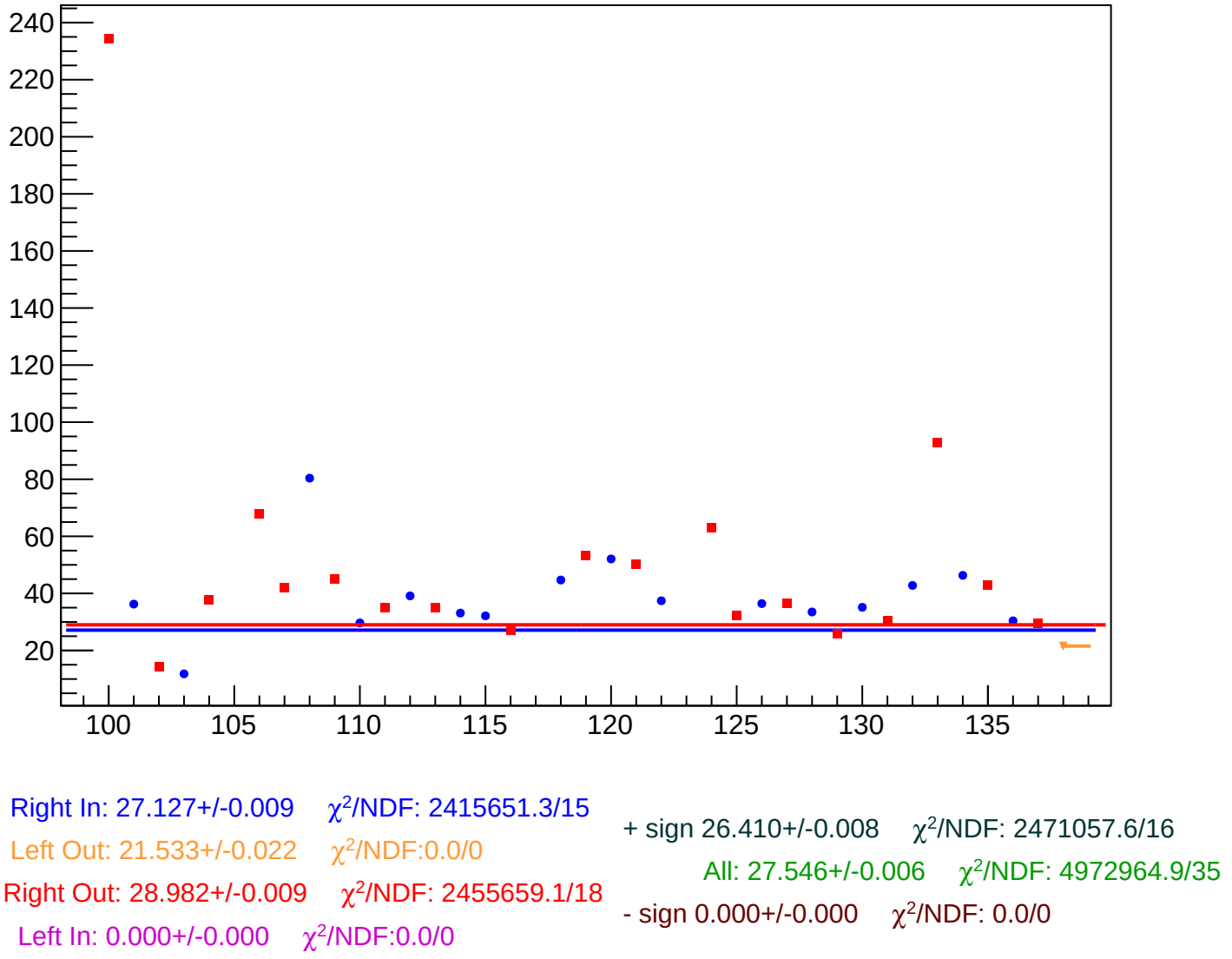
Right Out: 0.039+/-0.013 χ^2/NDF: 11.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.011 χ^2/NDF: 16.5/16

All: 0.017+/-0.008 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug
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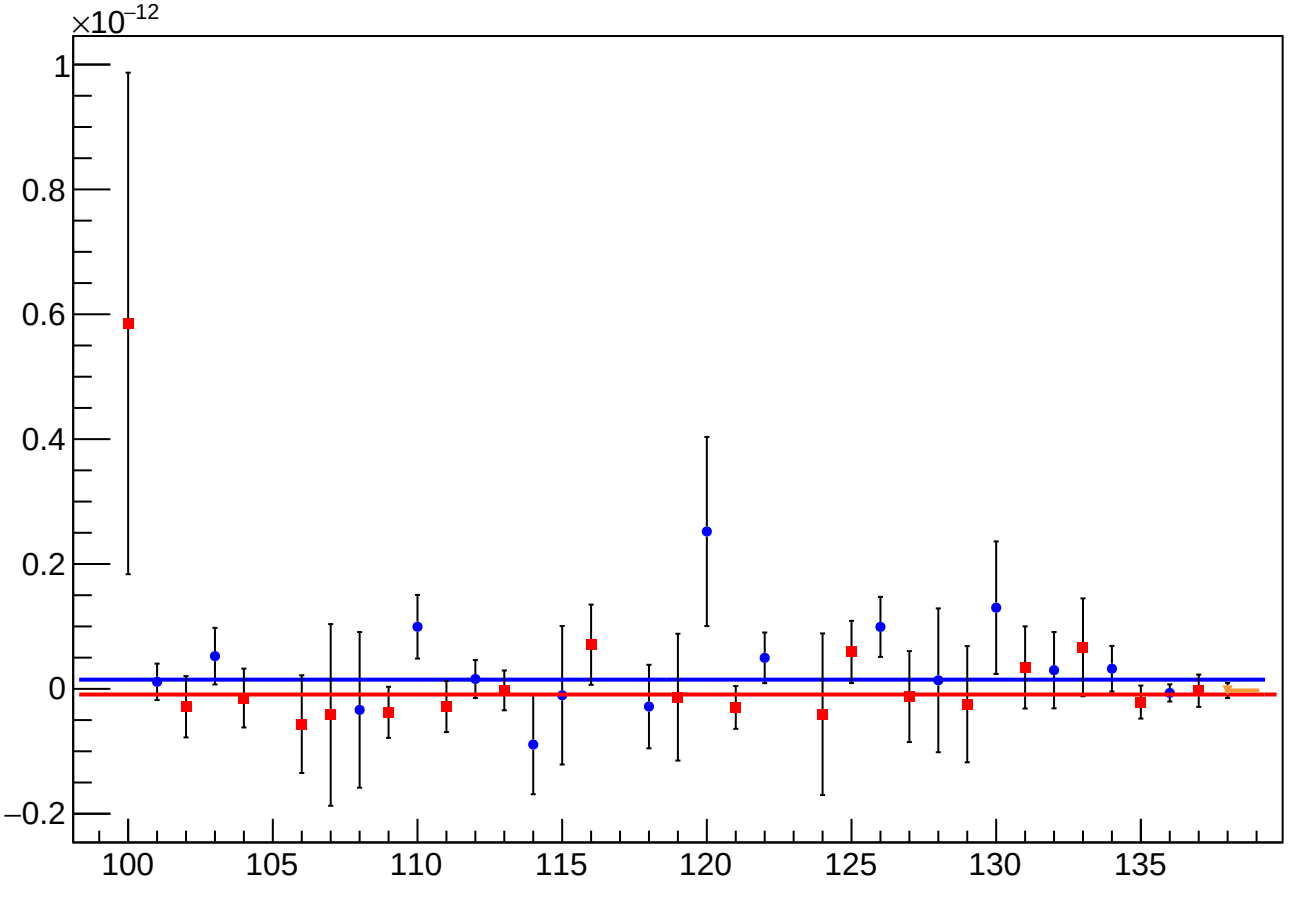
135
Right In: 27.127+/-0.009 χ²/NDF: 2415651.3/15
Left Out: 21.533+/-0.022 χ²/NDF:0.0/0
Right Out: 28.982+/-0.009 χ²/NDF: 2455659.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 26.410+/-0.008 χ²/NDF: 2471057.6/16
All: 27.546+/-0.006 χ²/NDF: 4972964.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 15.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

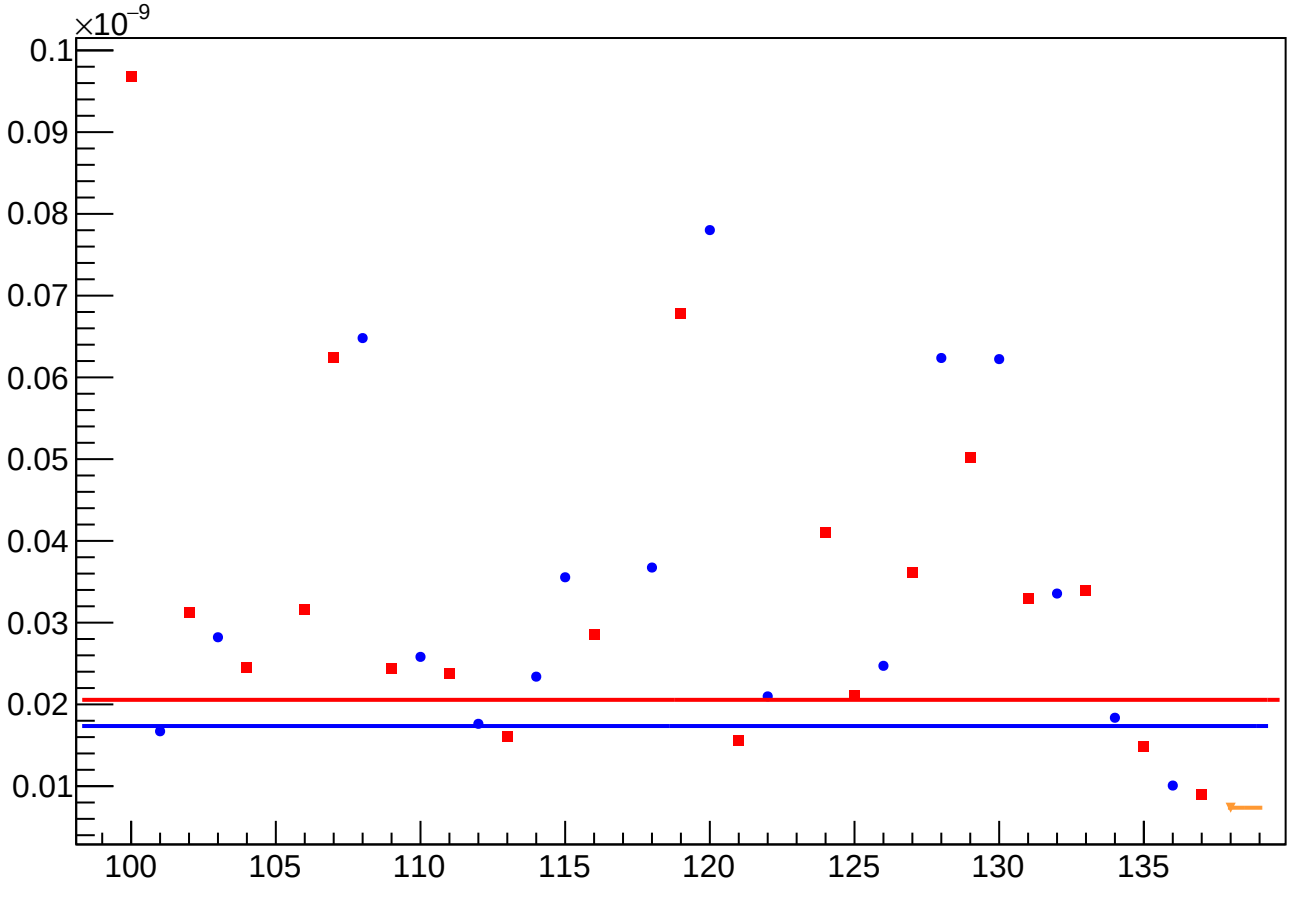
Right Out: -0.000+/-0.000 χ^2/NDF: 9.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.2/16

All: 0.000+/-0.000 χ^2/NDF: 28.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2442014.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1925673.6/18

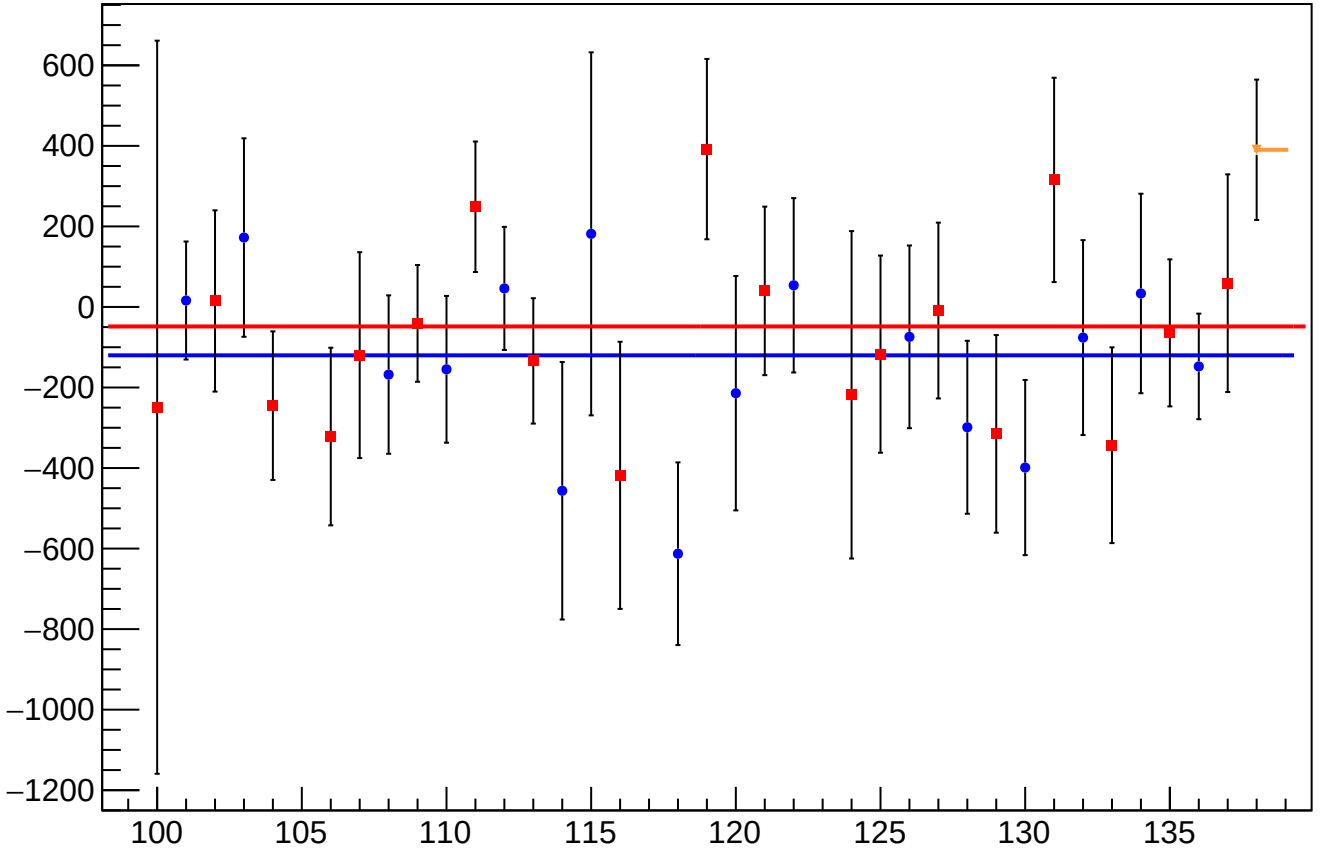
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3282985.1/16

All: 0.000+/-0.000 χ^2/NDF: 5769100.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -120.159+/-51.103 χ^2/NDF: 13.4/15

Left Out: 390.292+/-174.331 χ^2/NDF:0.0/0

Right Out: -48.449+/-49.910 χ^2/NDF: 17.0/18

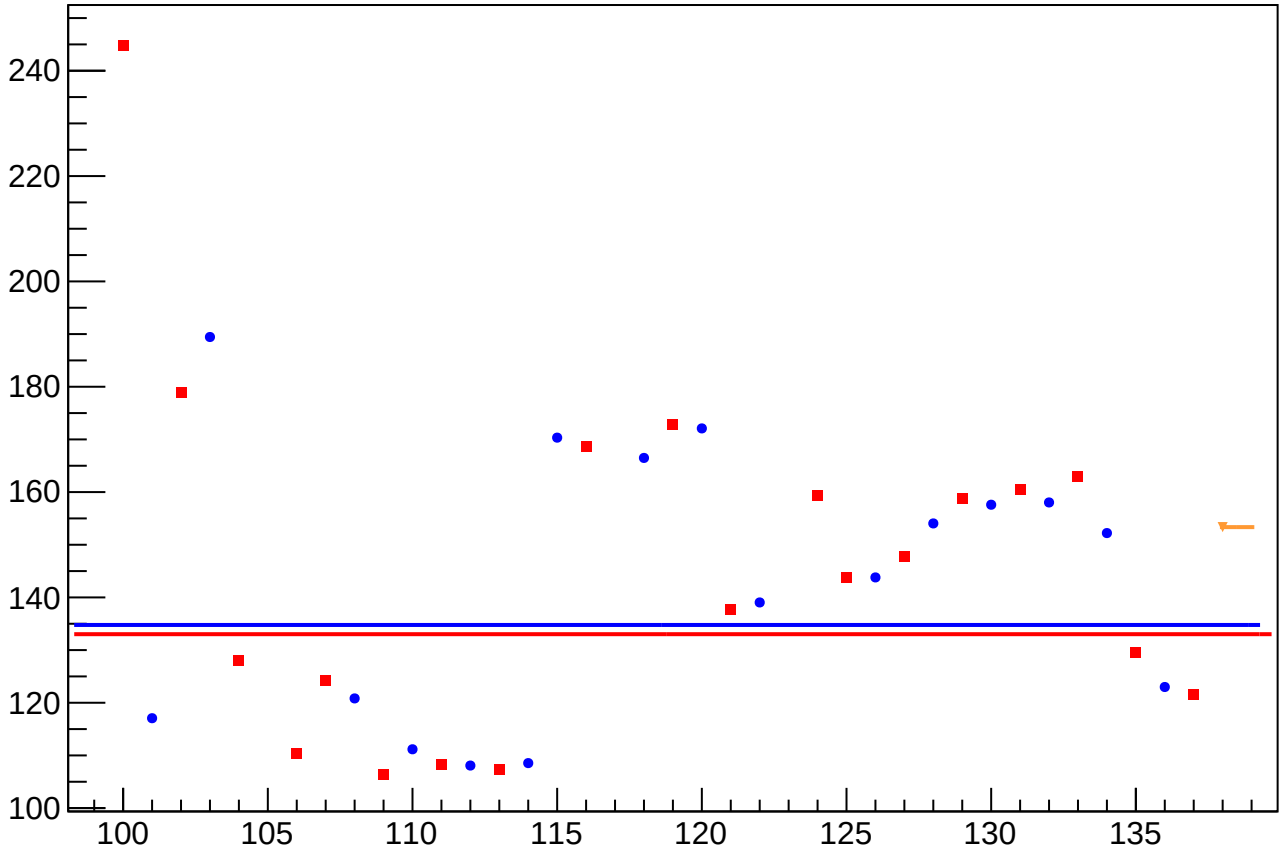
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -79.766+/-49.040 χ^2/NDF: 21.3/16

All: -64.383+/-34.980 χ^2/NDF: 38.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.771+/-0.036 χ^2/NDF: 416778.7/15

Left Out: 153.348+/-0.123 χ^2/NDF:0.0/0

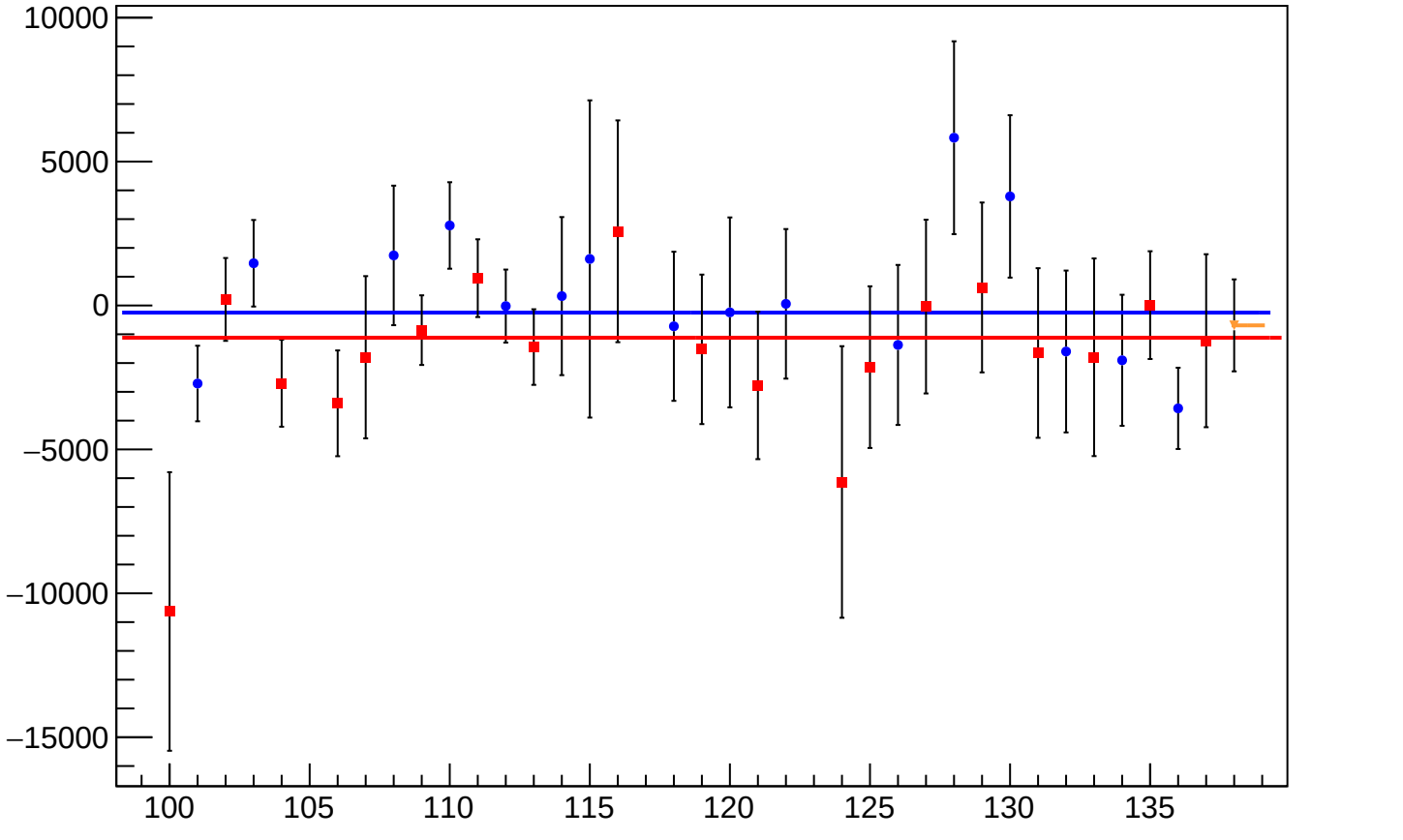
Right Out: 133.019+/-0.035 χ^2/NDF: 495717.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.241+/-0.035 χ^2/NDF: 437692.2/16

All: 134.659+/-0.025 χ^2/NDF: 937649.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -246.357+/-501.413 χ^2/NDF: 21.6/15

Left Out: -690.899+/-1597.631 χ^2/NDF:0.0/0

Right Out: -1119.420+/-468.400 χ^2/NDF: 13.4/18

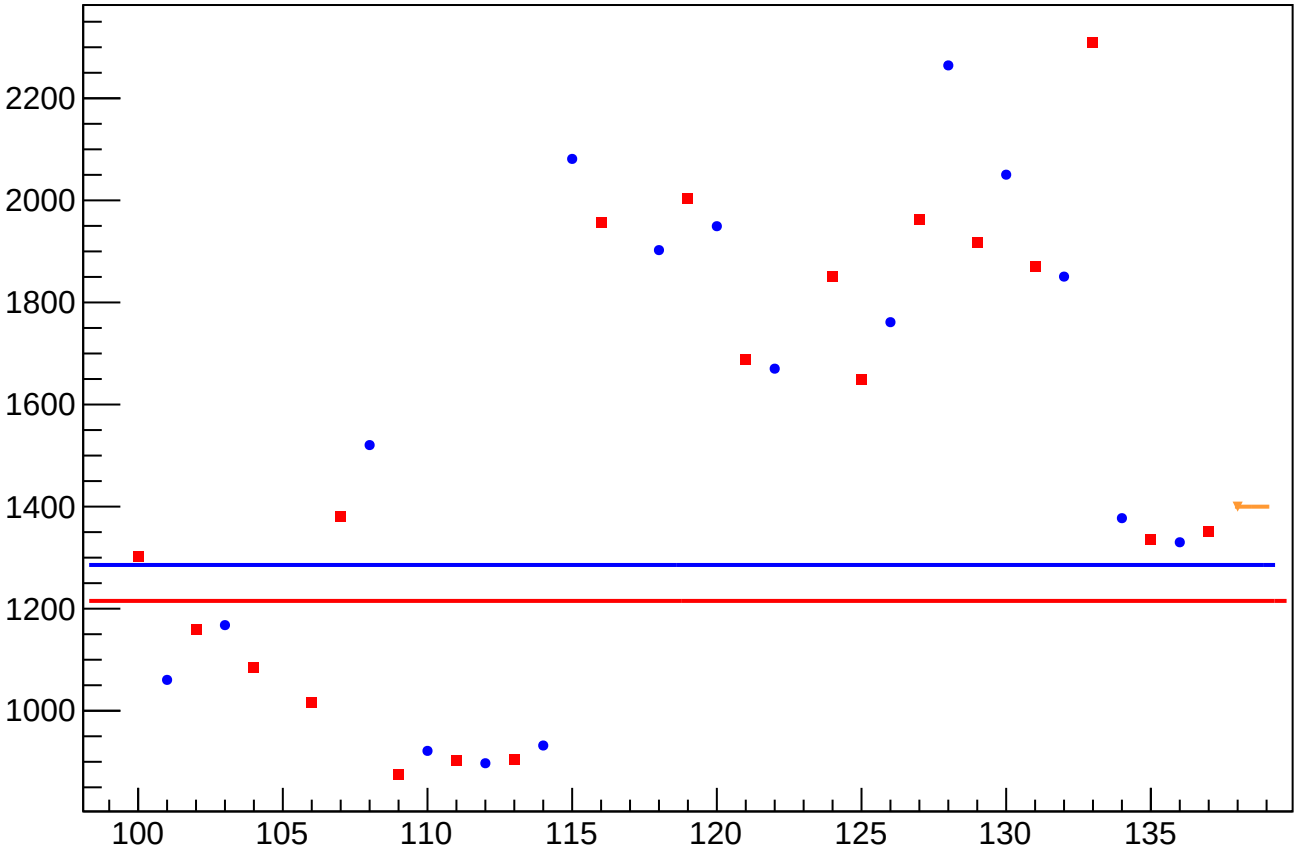
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -286.219+/-478.405 χ^2/NDF: 21.7/16

All: -711.623+/-334.690 χ^2/NDF: 36.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1285.668+/-0.355 χ^2/NDF: 1170437.4/15

Left Out: 1399.894+/-1.130 χ^2/NDF:0.0/0

Right Out: 1215.237+/-0.331 χ^2/NDF: 1386290.4/18

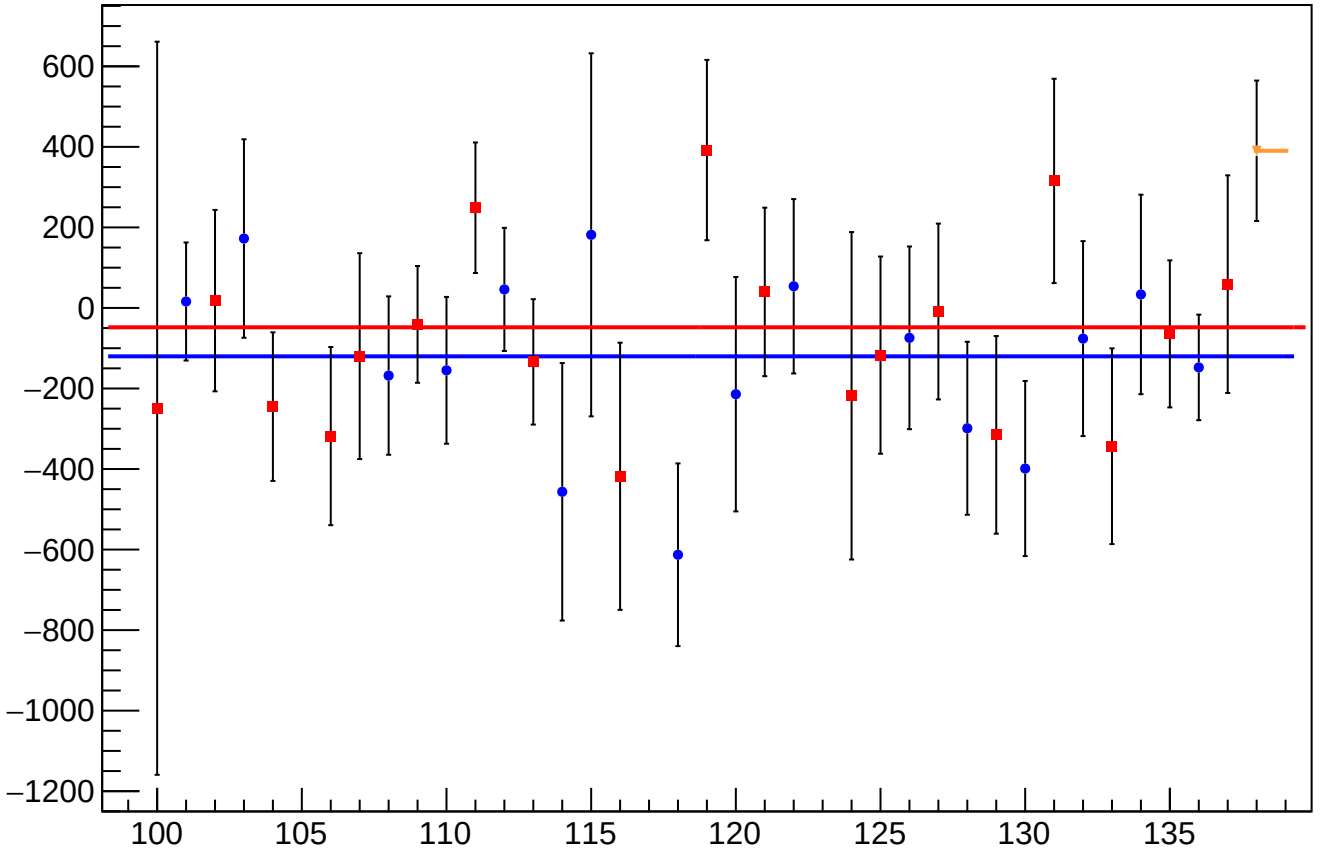
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1295.910+/-0.338 χ^2/NDF: 1179744.4/16

All: 1254.721+/-0.237 χ^2/NDF: 2595071.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_48_avg_mean vs Slug



Right In: -120.169+/-51.103 χ^2/NDF: 13.4/15

Left Out: 390.280+/-174.331 χ^2/NDF:0.0/0

Right Out: -48.013+/-49.919 χ^2/NDF: 17.0/18

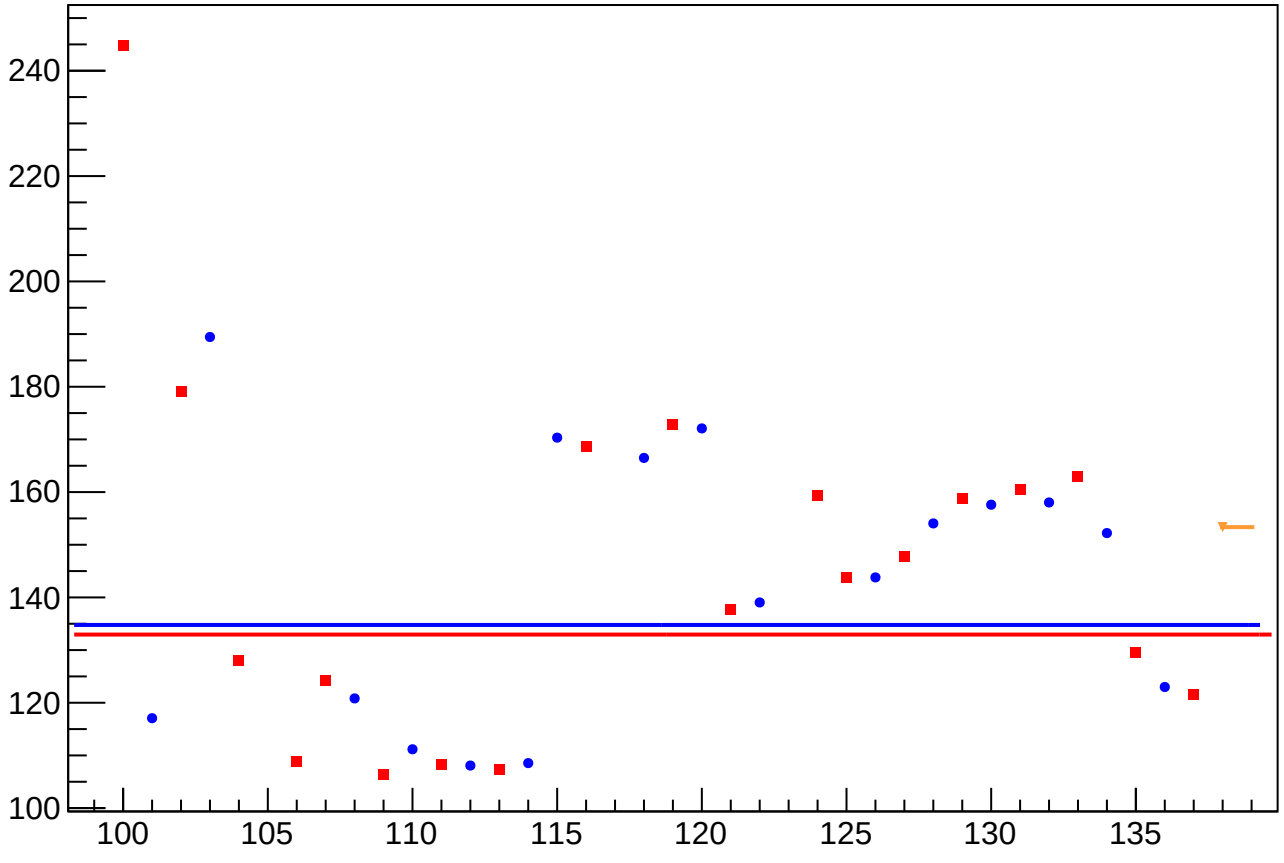
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -79.777+/-49.040 χ^2/NDF: 21.3/16

All: -64.177+/-34.983 χ^2/NDF: 38.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 134.771+/-0.036 χ^2/NDF: 416781.8/15

Left Out: 153.348+/-0.123 χ^2/NDF:0.0/0

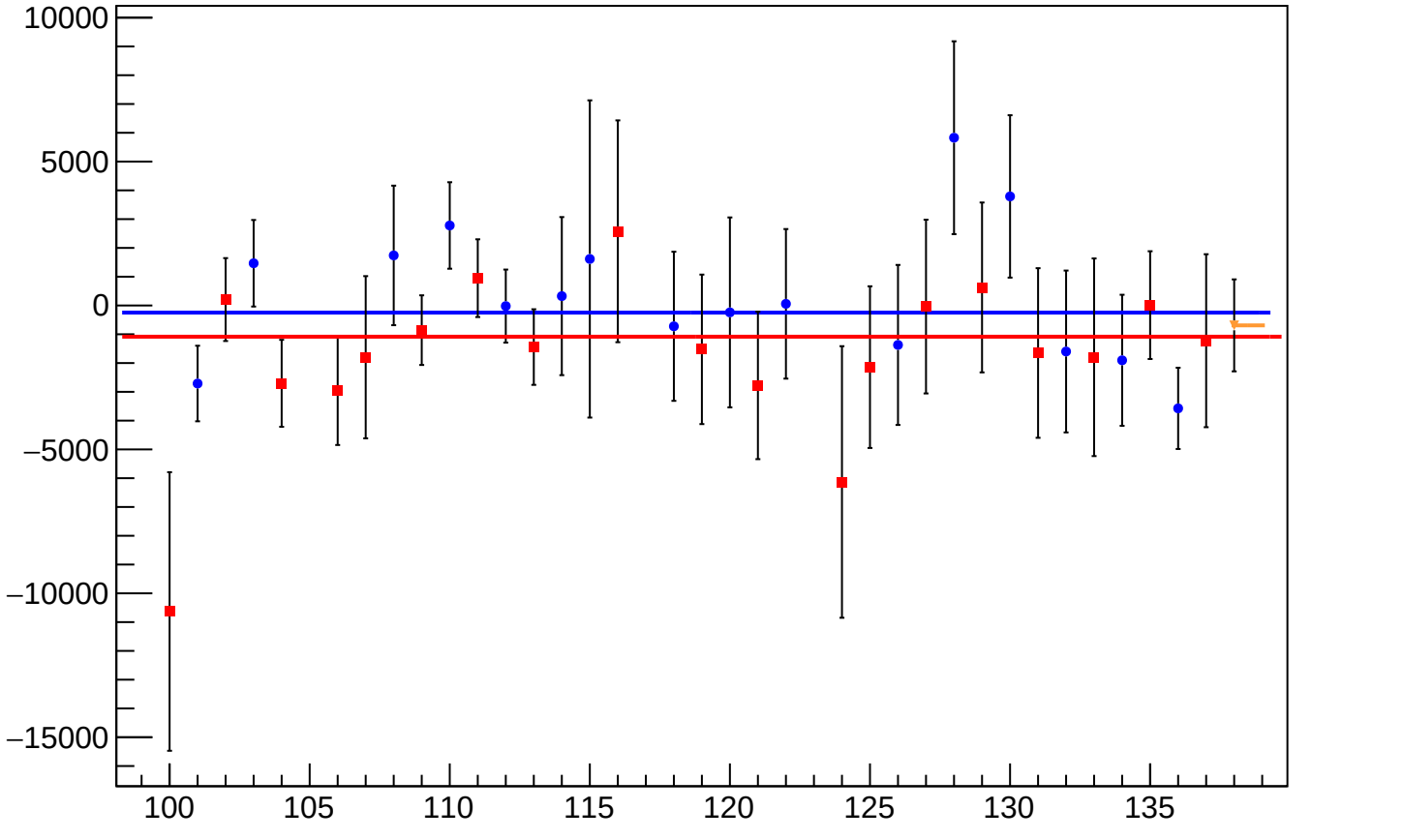
Right Out: 132.947+/-0.035 χ^2/NDF: 498850.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.241+/-0.035 χ^2/NDF: 437695.2/16

All: 134.623+/-0.025 χ^2/NDF: 940978.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -246.428+/-501.418 χ^2/NDF: 21.6/15

Left Out: -690.915+/-1597.630 χ^2/NDF:0.0/0

Right Out: -1084.094+/-469.323 χ^2/NDF: 12.8/18

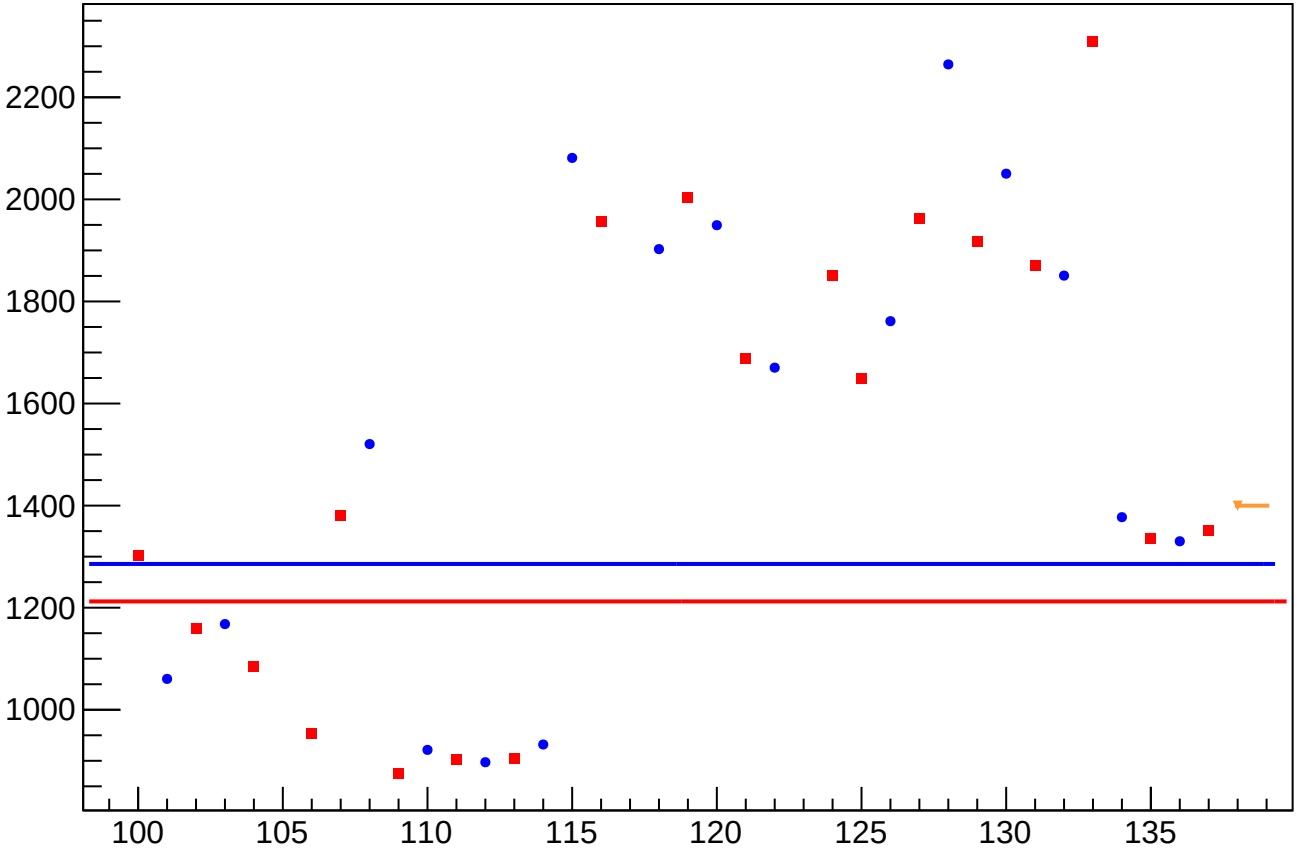
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -286.285+/-478.409 χ^2/NDF: 21.7/16

All: -692.837+/-335.028 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1285.682+/-0.355 χ^2/NDF: 1170412.5/15

Left Out: 1399.893+/-1.130 χ^2/NDF:0.0/0

Right Out: 1212.276+/-0.332 χ^2/NDF: 1400635.5/18

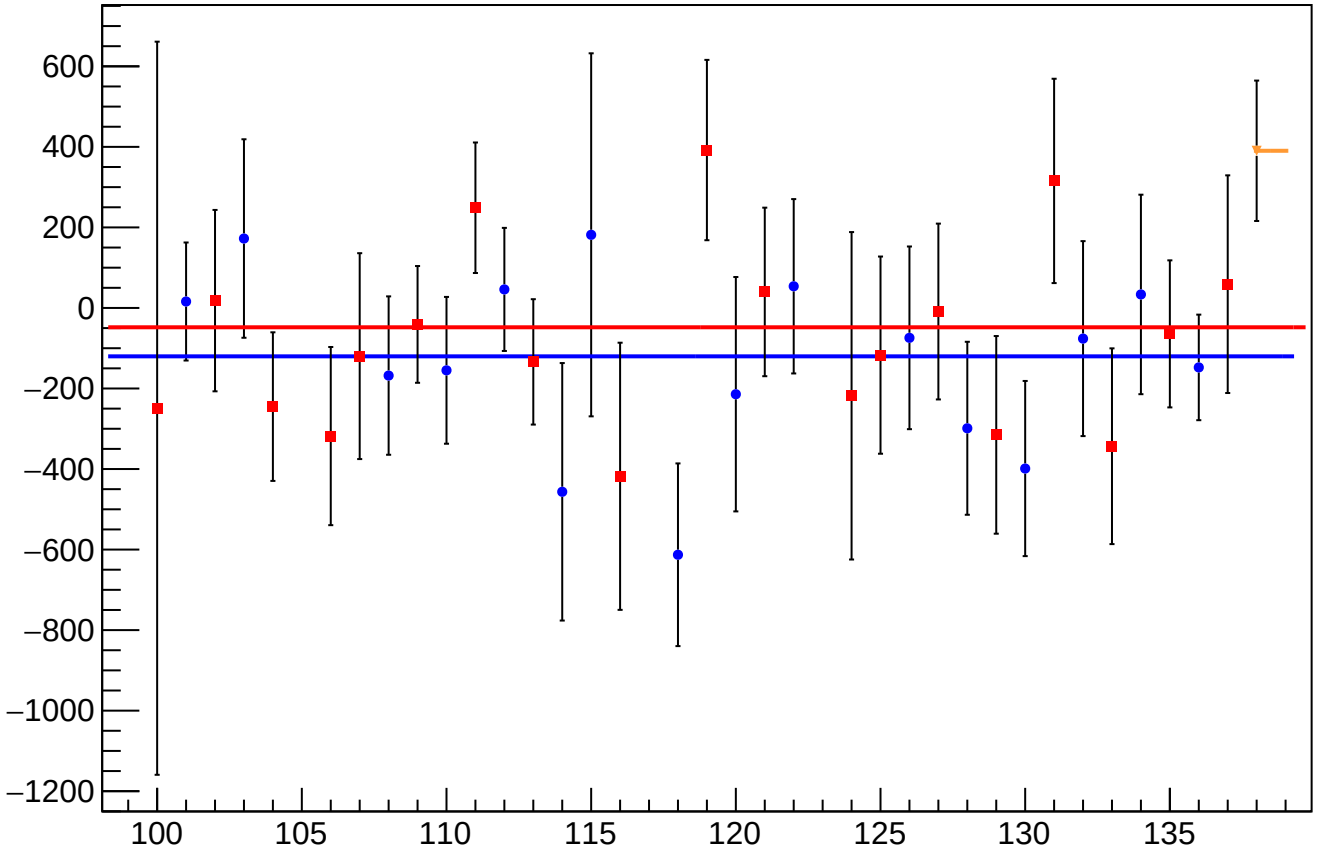
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1295.923+/-0.338 χ^2/NDF: 1179717.0/16

All: 1253.297+/-0.237 χ^2/NDF: 2611509.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_48_avg_mean vs Slug



Right In: -120.169+/-51.103 χ^2/NDF: 13.4/15

Left Out: 390.280+/-174.331 χ^2/NDF:0.0/0

Right Out: -48.013+/-49.919 χ^2/NDF: 17.0/18

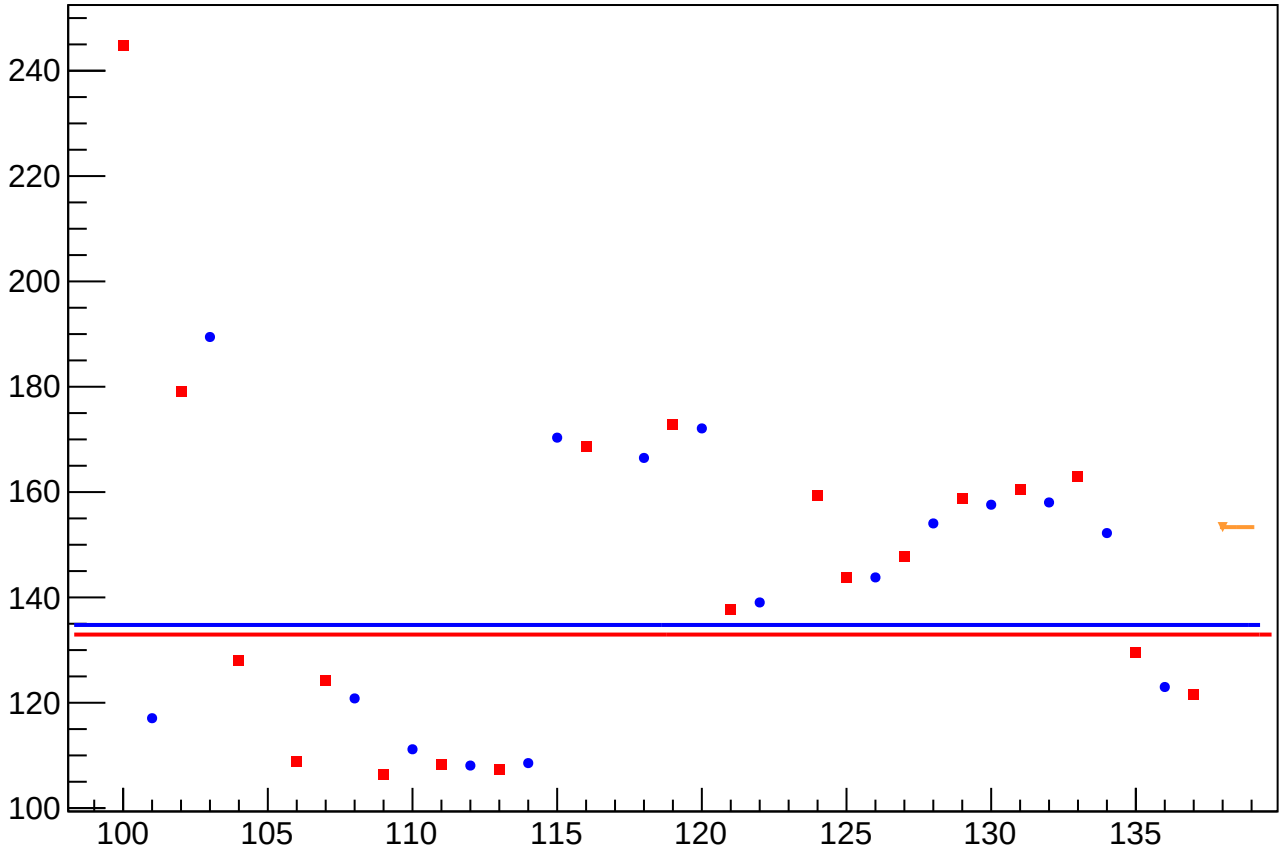
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -79.777+/-49.040 χ^2/NDF: 21.3/16

All: -64.177+/-34.983 χ^2/NDF: 38.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 134.771+/-0.036 χ^2/NDF: 416781.8/15

Left Out: 153.348+/-0.123 χ^2/NDF:0.0/0

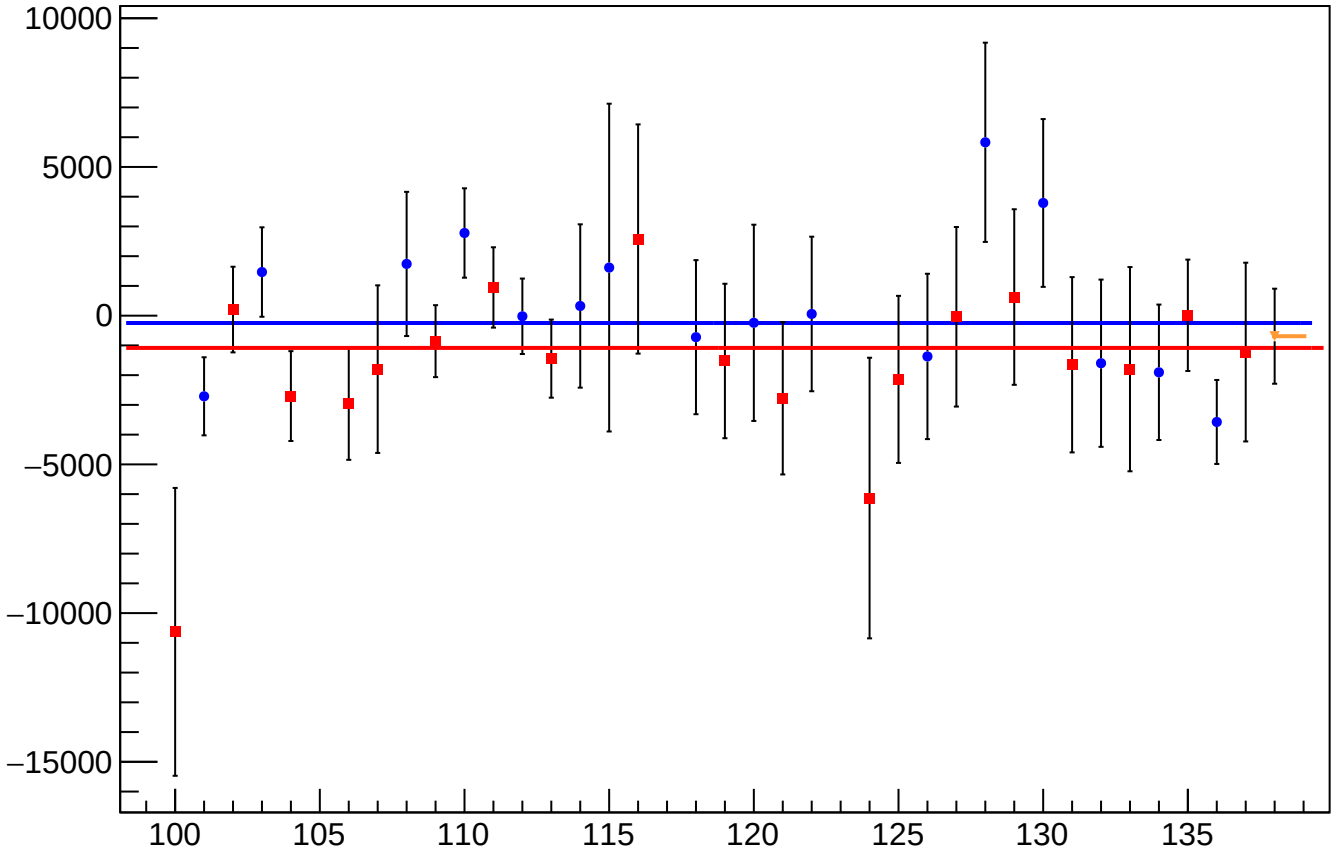
Right Out: 132.947+/-0.035 χ^2/NDF: 498850.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.241+/-0.035 χ^2/NDF: 437695.2/16

All: 134.623+/-0.025 χ^2/NDF: 940978.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -246.428+/-501.418 χ^2/NDF: 21.6/15

Left Out: -690.915+/-1597.630 χ^2/NDF:0.0/0

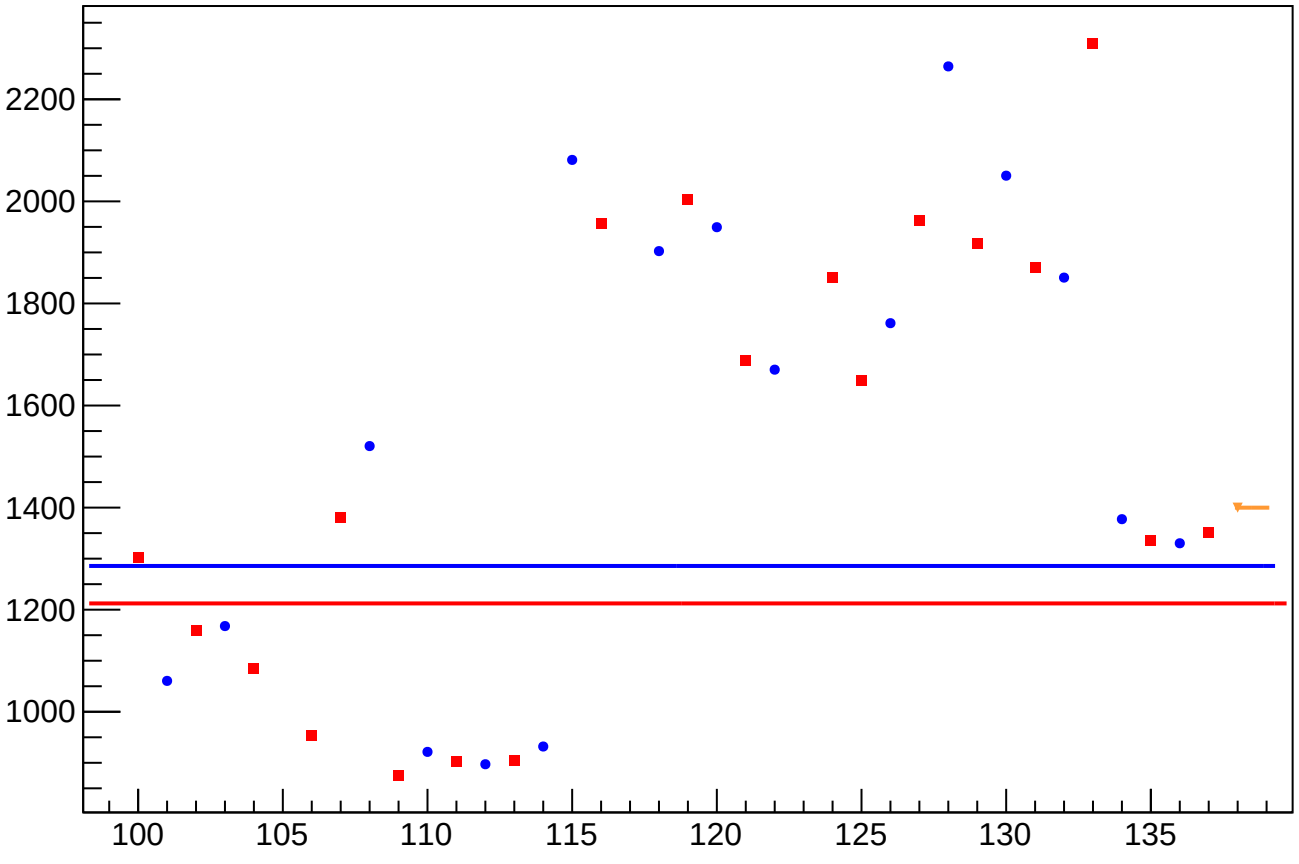
Right Out: -1084.094+/-469.323 χ^2/NDF: 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -286.285+/-478.409 χ^2/NDF: 21.7/16

All: -692.837+/-335.028 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1285.682+/-0.355 χ^2/NDF: 1170412.5/15

Left Out: 1399.893+/-1.130 χ^2/NDF:0.0/0

Right Out: 1212.276+/-0.332 χ^2/NDF: 1400635.5/18

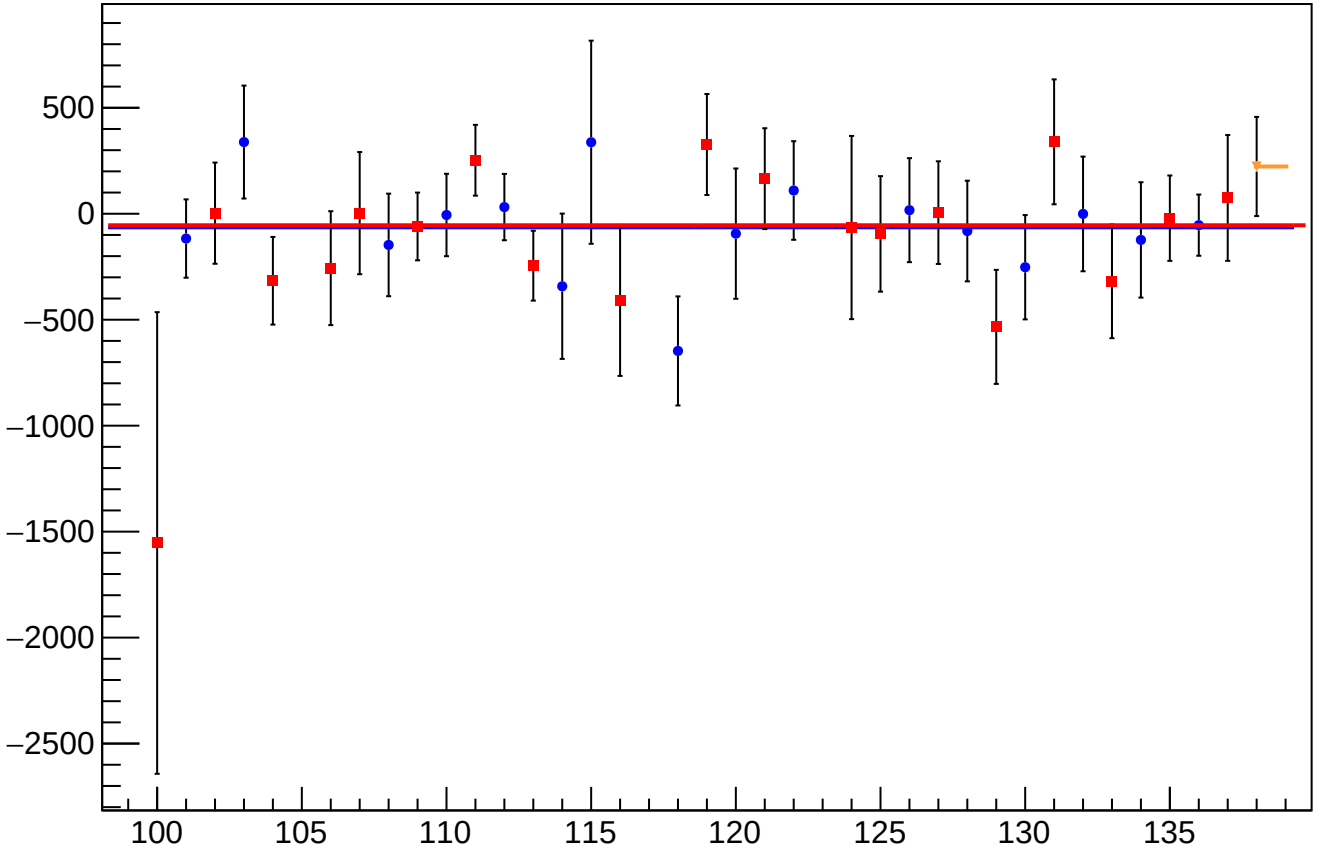
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1295.923+/-0.338 χ^2/NDF: 1179717.0/16

All: 1253.297+/-0.237 χ^2/NDF: 2611509.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: -63.781+/-56.734 χ^2/NDF: 10.8/15

Left Out: 223.013+/-234.007 χ^2/NDF:0.0/0

Right Out: -54.305+/-54.743 χ^2/NDF: 19.5/18

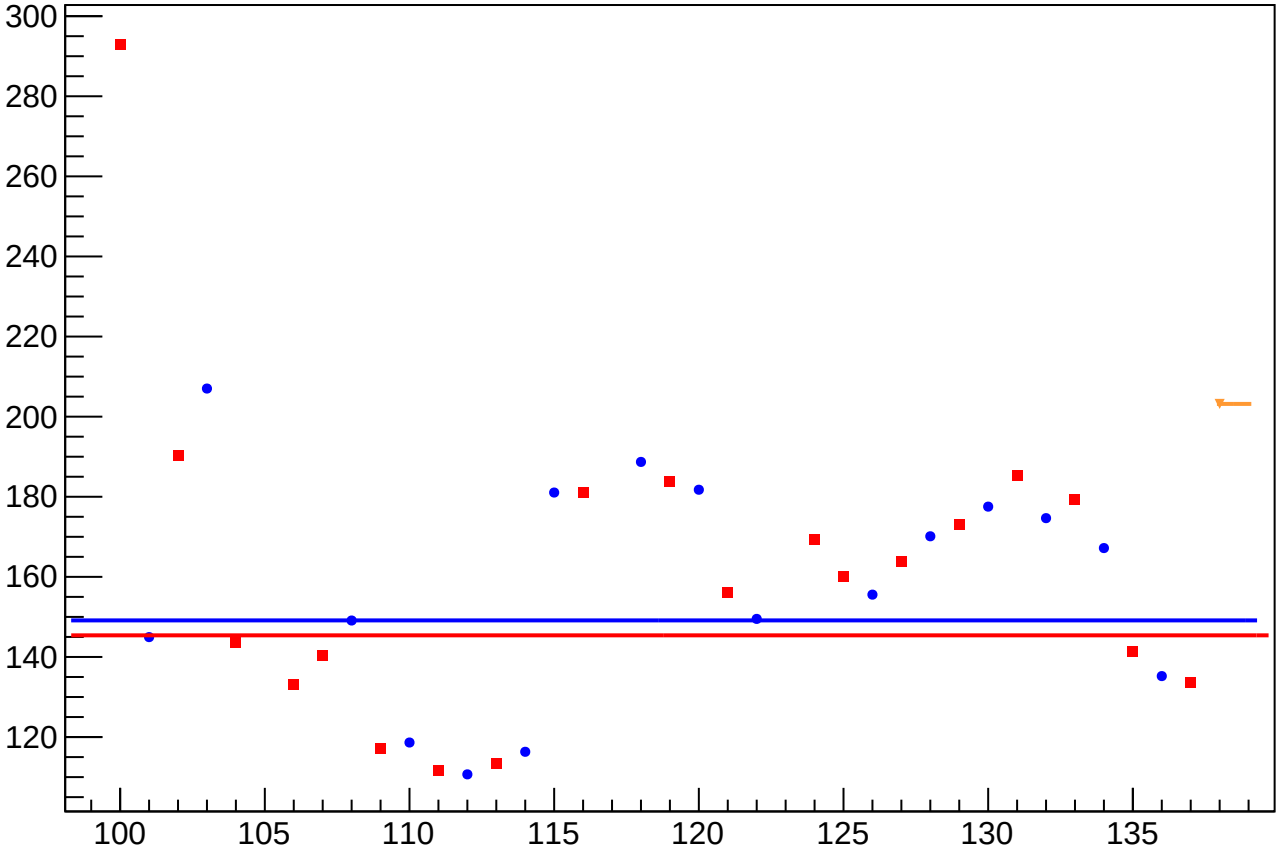
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -47.860+/-55.136 χ^2/NDF: 12.2/16

All: -51.105+/-38.847 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 149.130+/-0.040 χ^2/NDF: 451003.6/15

Left Out: 203.183+/-0.165 χ^2/NDF:0.0/0

Right Out: 145.399+/-0.039 χ^2/NDF: 525820.0/18

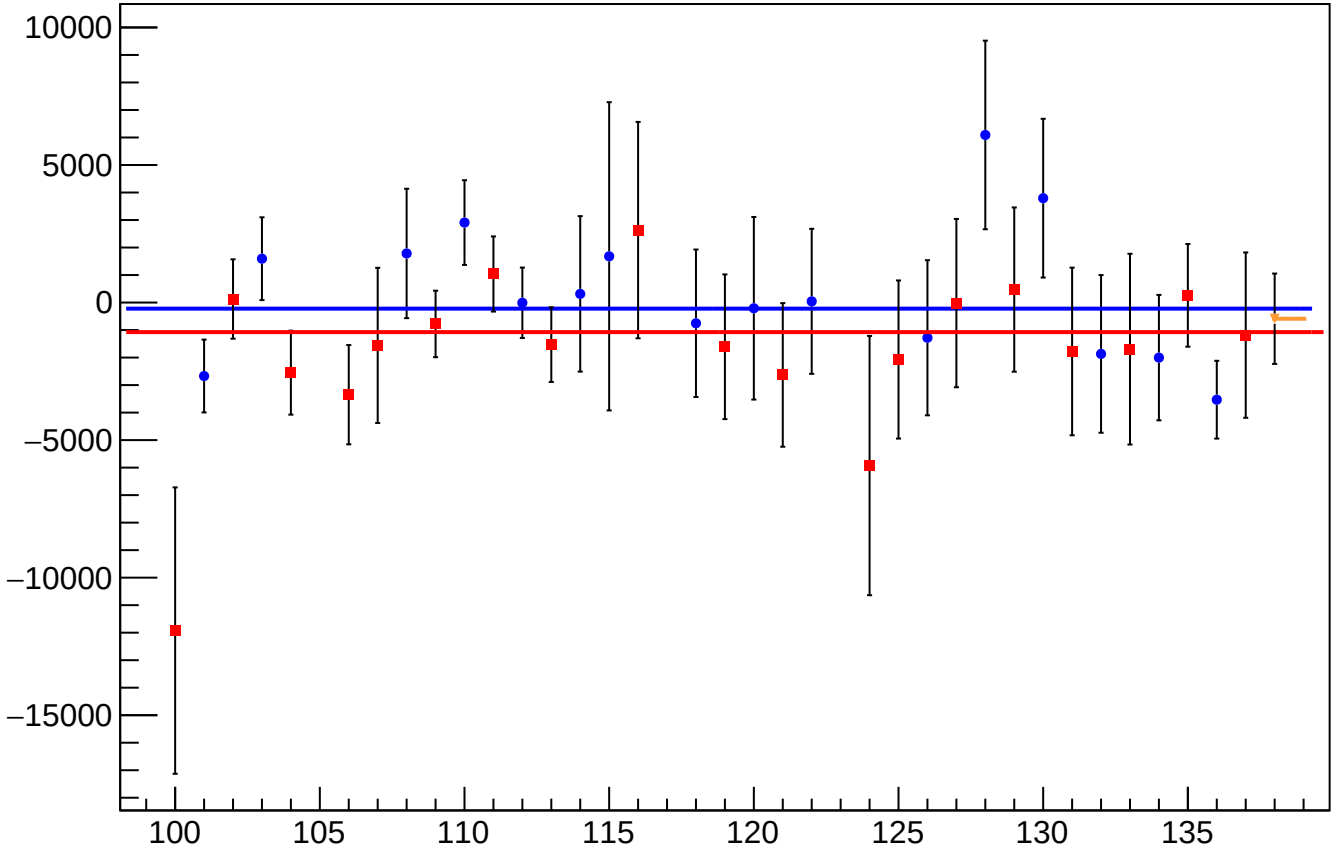
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152.131+/-0.039 χ^2/NDF: 551788.4/16

All: 148.741+/-0.027 χ^2/NDF: 1092622.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: -221.240+/-506.202 χ^2/NDF: 21.9/15

Left Out: -588.241+/-1642.236 χ^2/NDF:0.0/0

Right Out: -1074.433+/-472.816 χ^2/NDF: 13.6/18

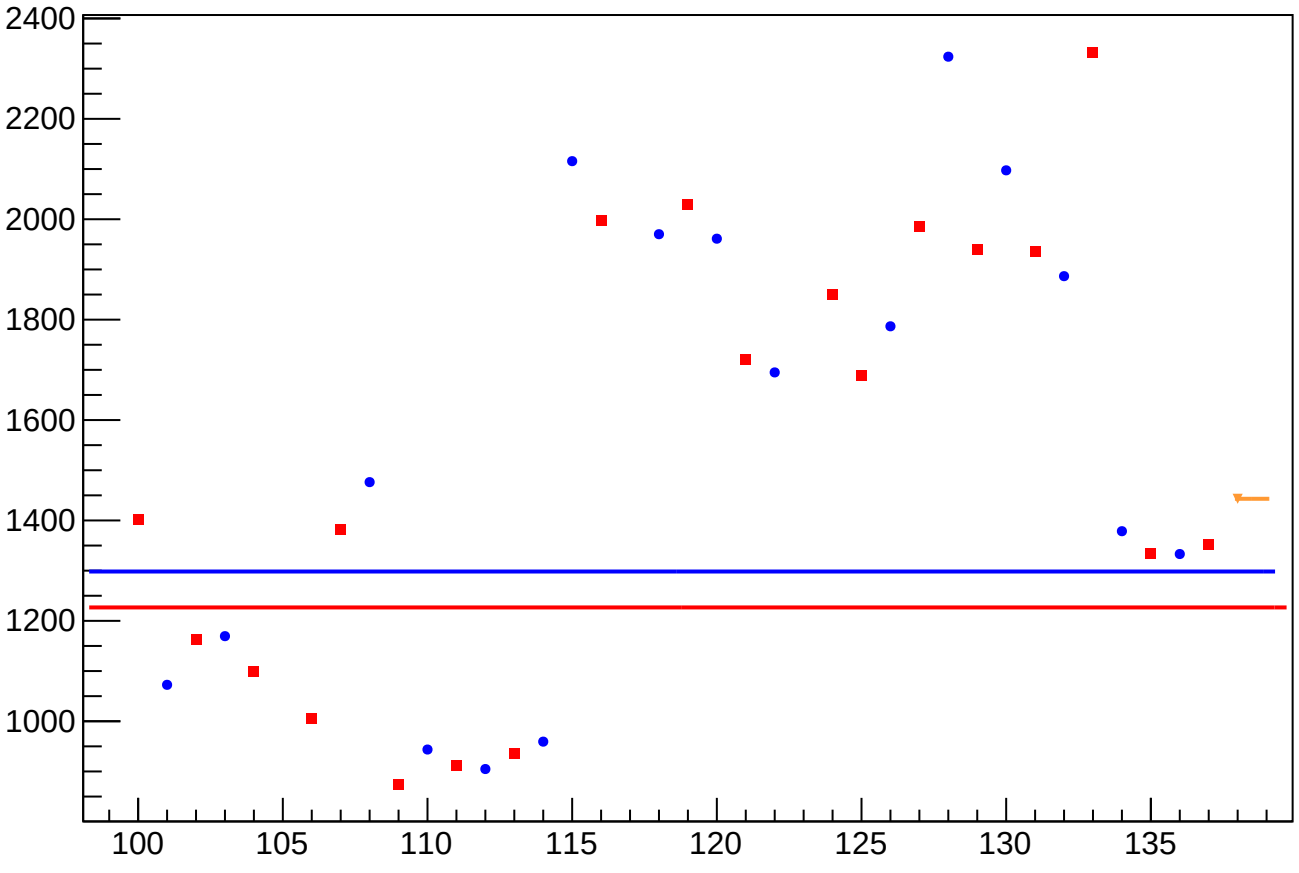
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -253.084+/-483.742 χ^2/NDF: 21.9/16

All: -673.139+/-338.128 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1298.293+/-0.358 χ^2/NDF: 1182123.0/15

Left Out: 1443.163+/-1.161 χ^2/NDF:0.0/0

Right Out: 1226.729+/-0.334 χ^2/NDF: 1404521.7/18

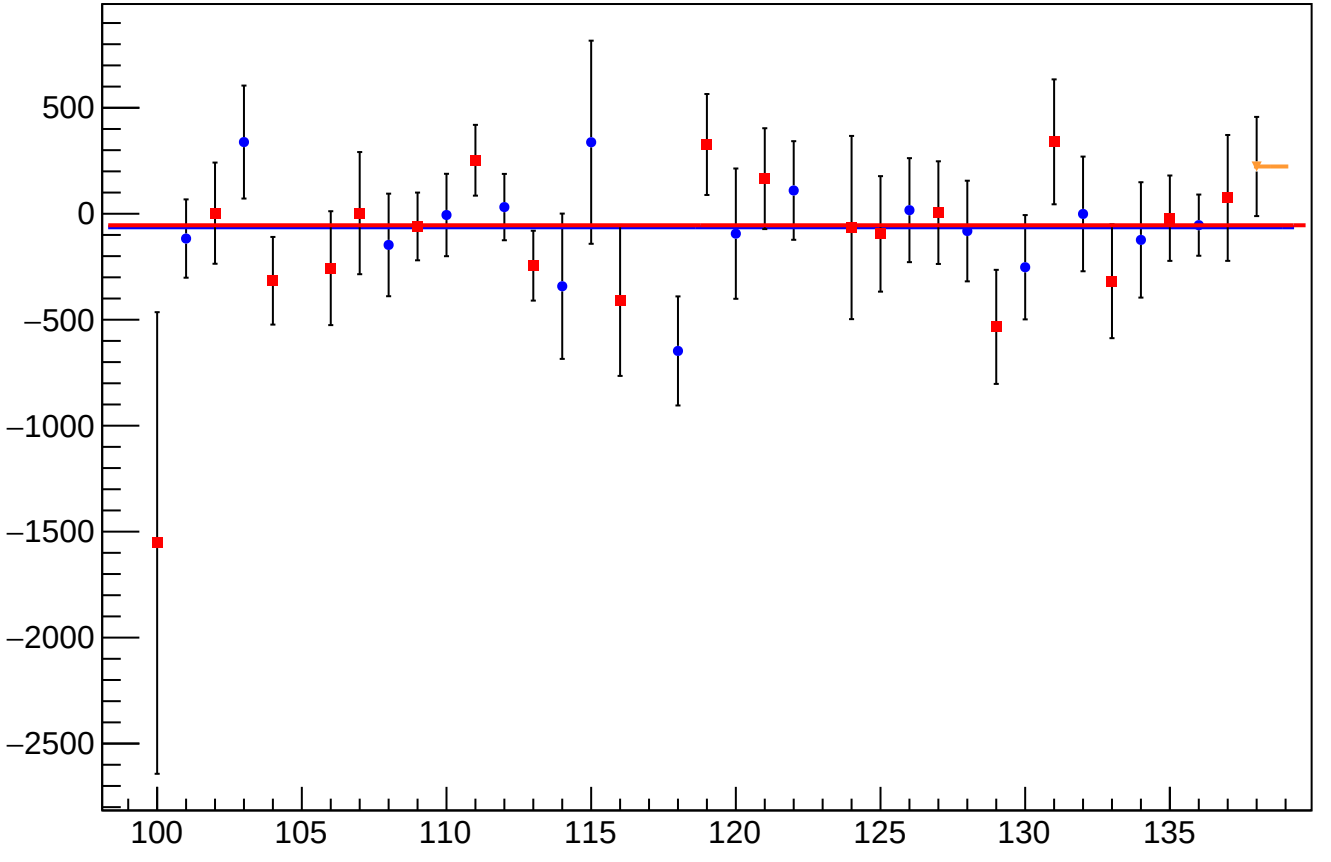
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1310.863+/-0.342 χ^2/NDF: 1196336.3/16

All: 1267.835+/-0.239 χ^2/NDF: 2631798.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -63.778+/-56.734 χ^2/NDF: 10.8/15

Left Out: 223.005+/-234.007 χ^2/NDF:0.0/0

Right Out: -54.304+/-54.743 χ^2/NDF: 19.5/18

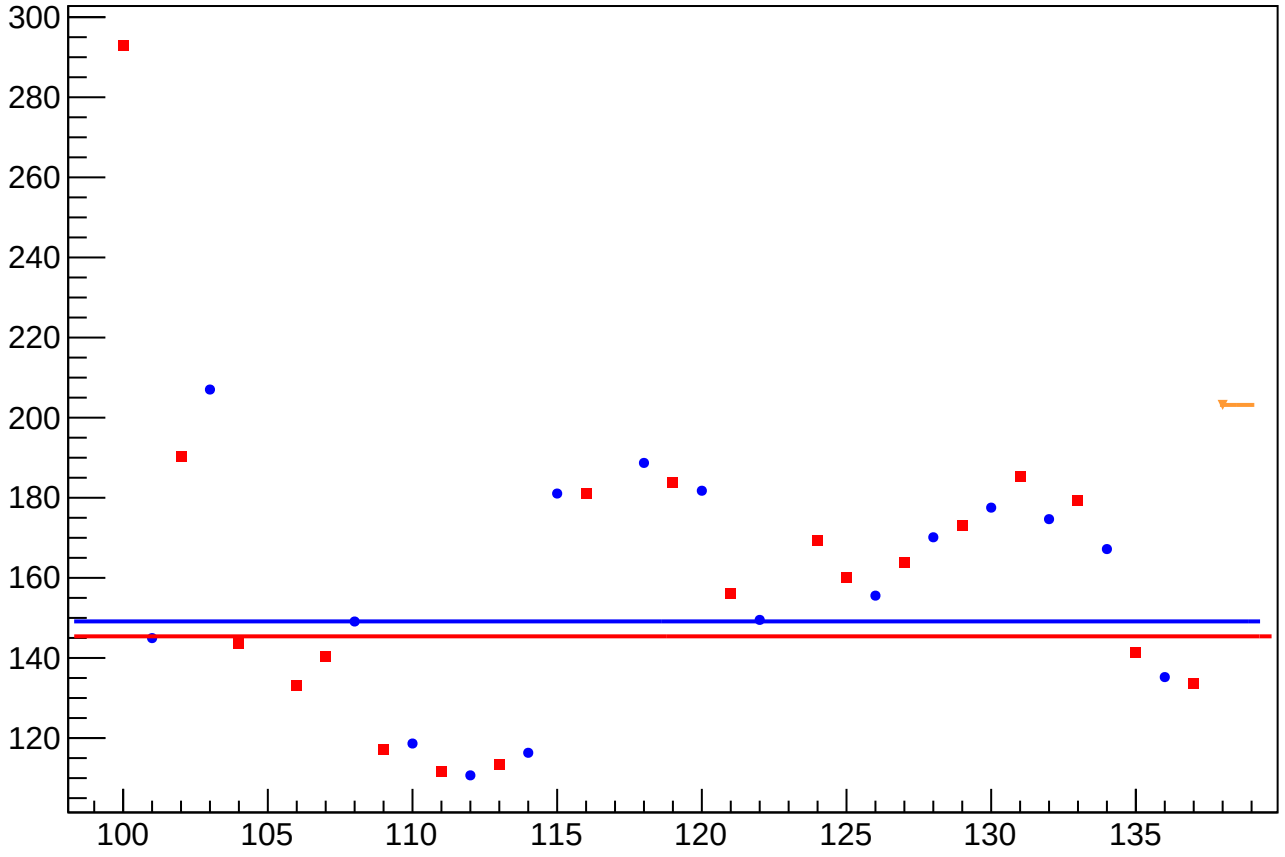
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -47.857+/-55.136 χ^2/NDF: 12.2/16

All: -51.104+/-38.847 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 149.130+/-0.040 χ^2/NDF: 451005.1/15

Left Out: 203.182+/-0.165 χ^2/NDF:0.0/0

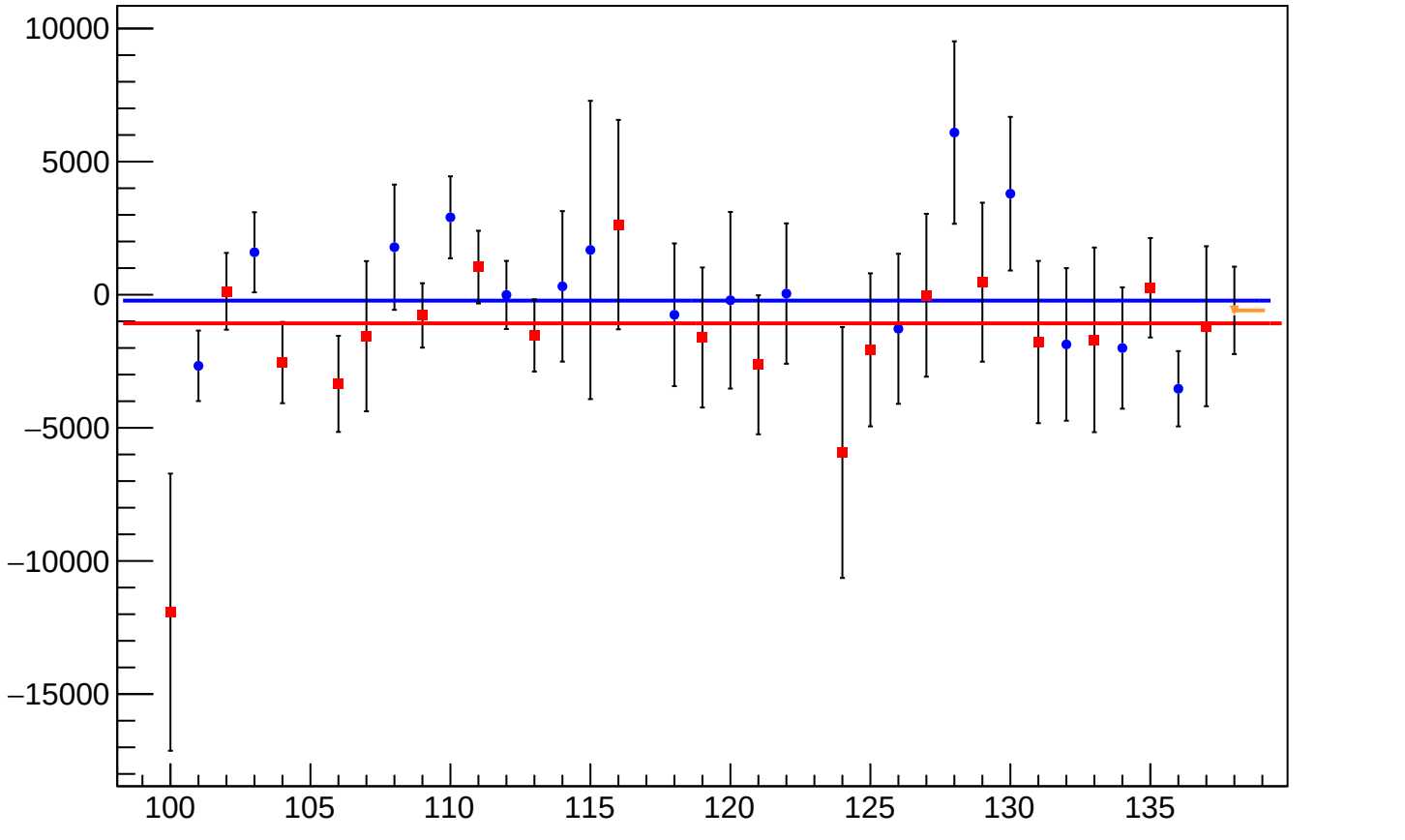
Right Out: 145.399+/-0.039 χ^2/NDF: 525822.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 152.131+/-0.039 χ^2/NDF: 551788.2/16

All: 148.741+/-0.027 χ^2/NDF: 1092624.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -221.239+/-506.201 χ^2/NDF: 21.9/15

Left Out: -588.251+/-1642.231 χ^2/NDF:0.0/0

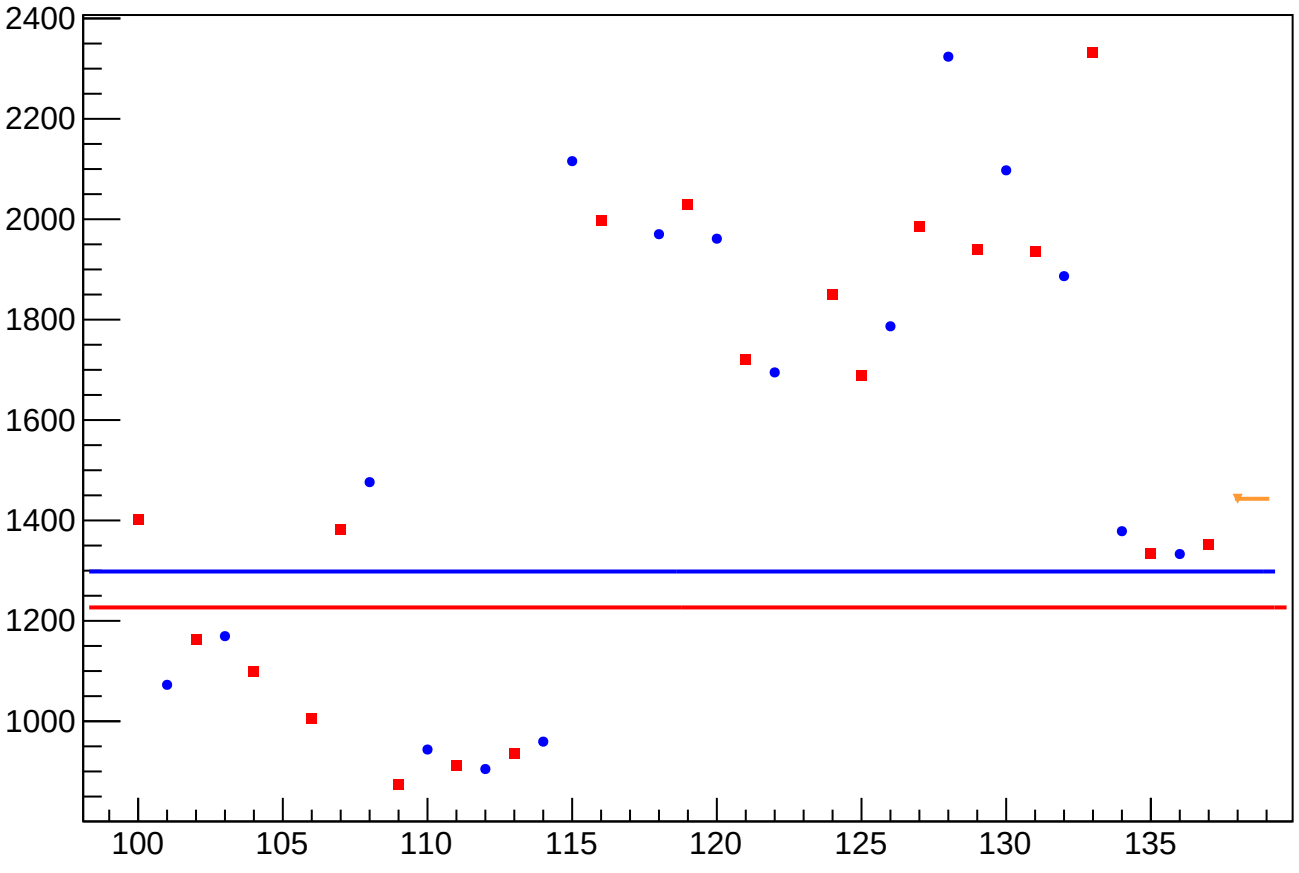
Right Out: -1074.432+/-472.816 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -253.084+/-483.742 χ^2/NDF: 21.9/16

All: -673.138+/-338.128 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1298.292+/-0.358 χ^2/NDF: 1182127.2/15

Left Out: 1443.159+/-1.161 χ^2/NDF:0.0/0

Right Out: 1226.727+/-0.334 χ^2/NDF: 1404524.7/18

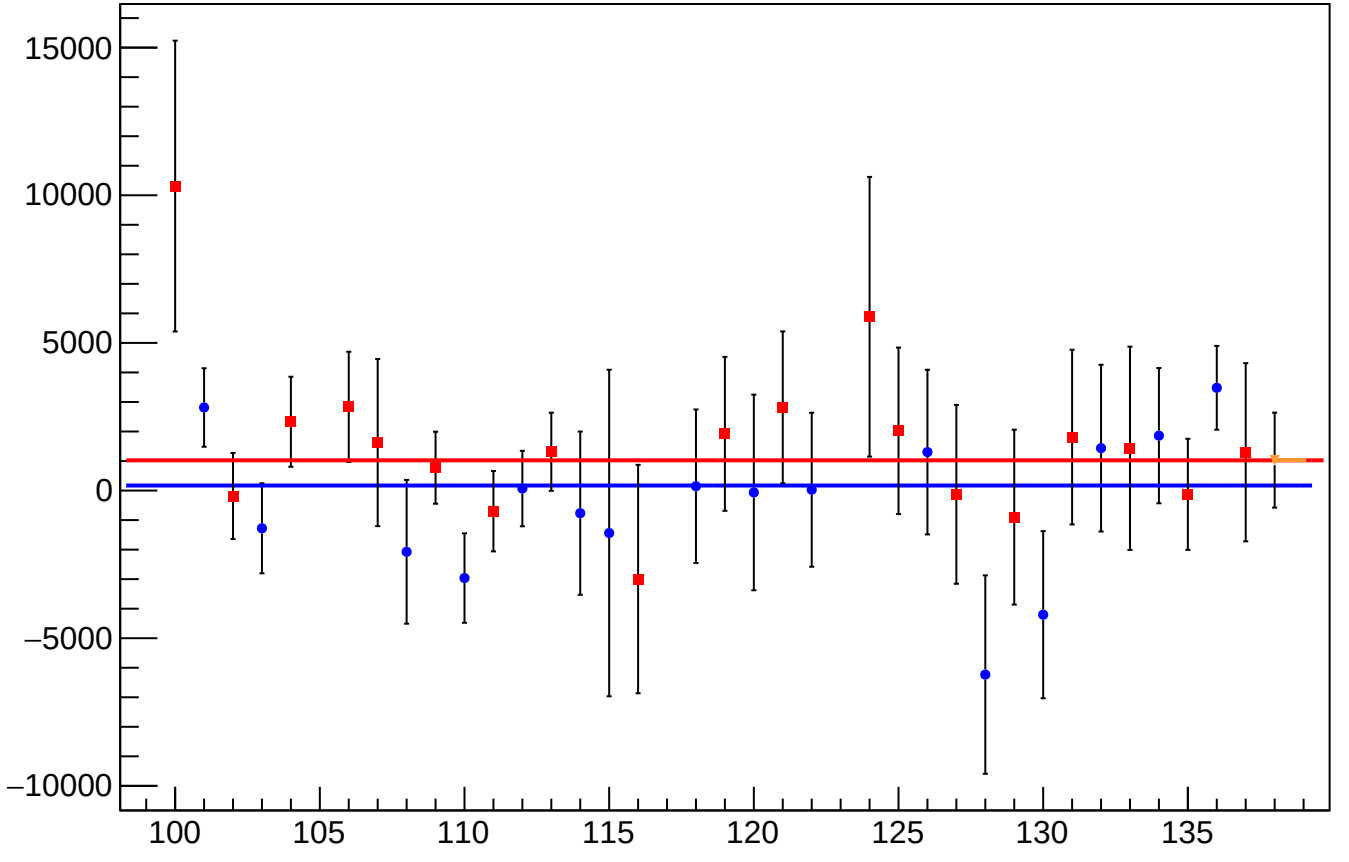
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1310.861+/-0.342 χ^2/NDF: 1196340.1/16

All: 1267.833+/-0.239 χ^2/NDF: 2631805.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: 171.056+/-505.136 χ^2/NDF: 22.6/15

Left Out: 1030.130+/-1607.520 χ^2/NDF:0.0/0

Right Out: 1023.699+/-472.008 χ^2/NDF: 11.6/18

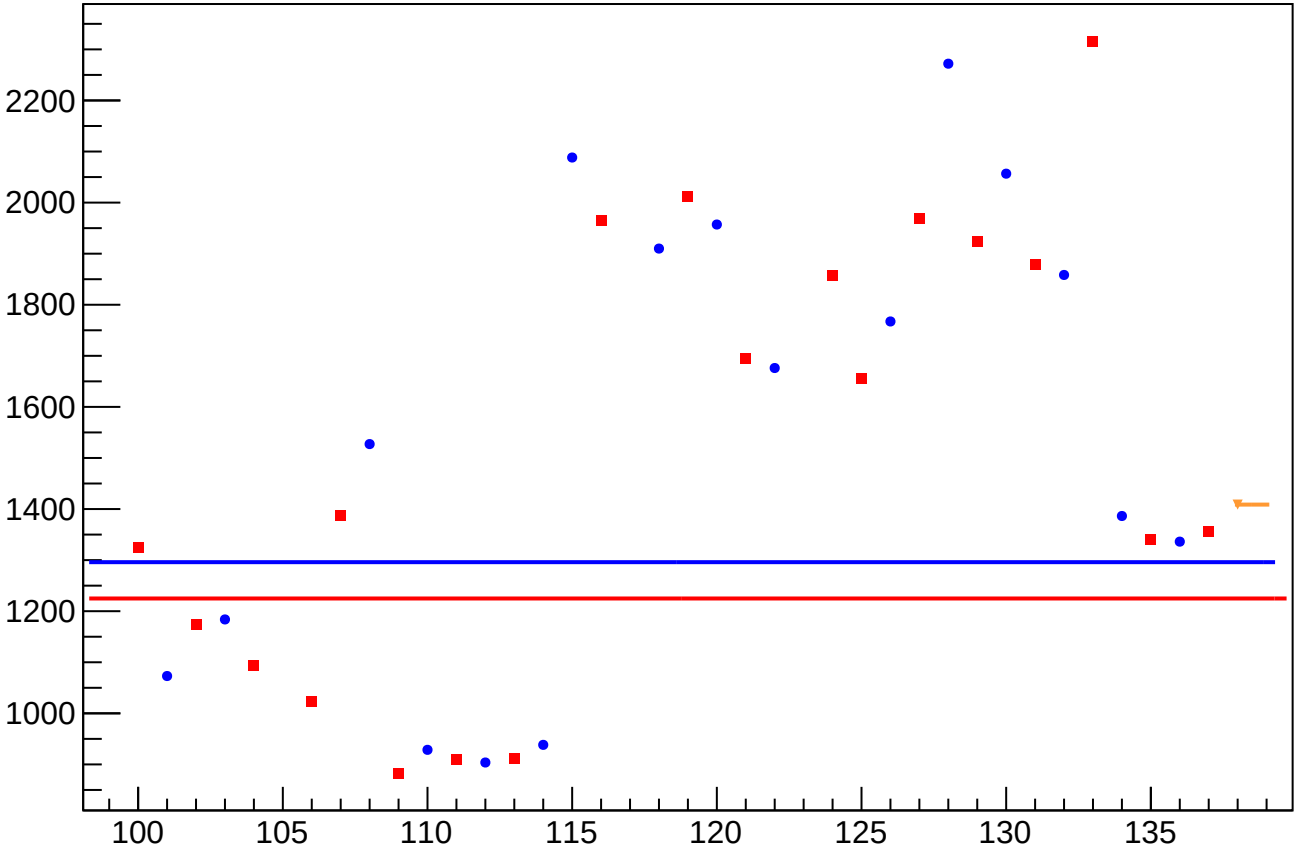
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 248.260+/-481.904 χ^2/NDF: 22.8/16

All: 644.023+/-337.204 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1295.987+/-0.357 χ^2/NDF: 1154185.9/15

Left Out: 1408.717+/-1.137 χ^2/NDF:0.0/0

Right Out: 1224.872+/-0.334 χ^2/NDF: 1371285.2/18

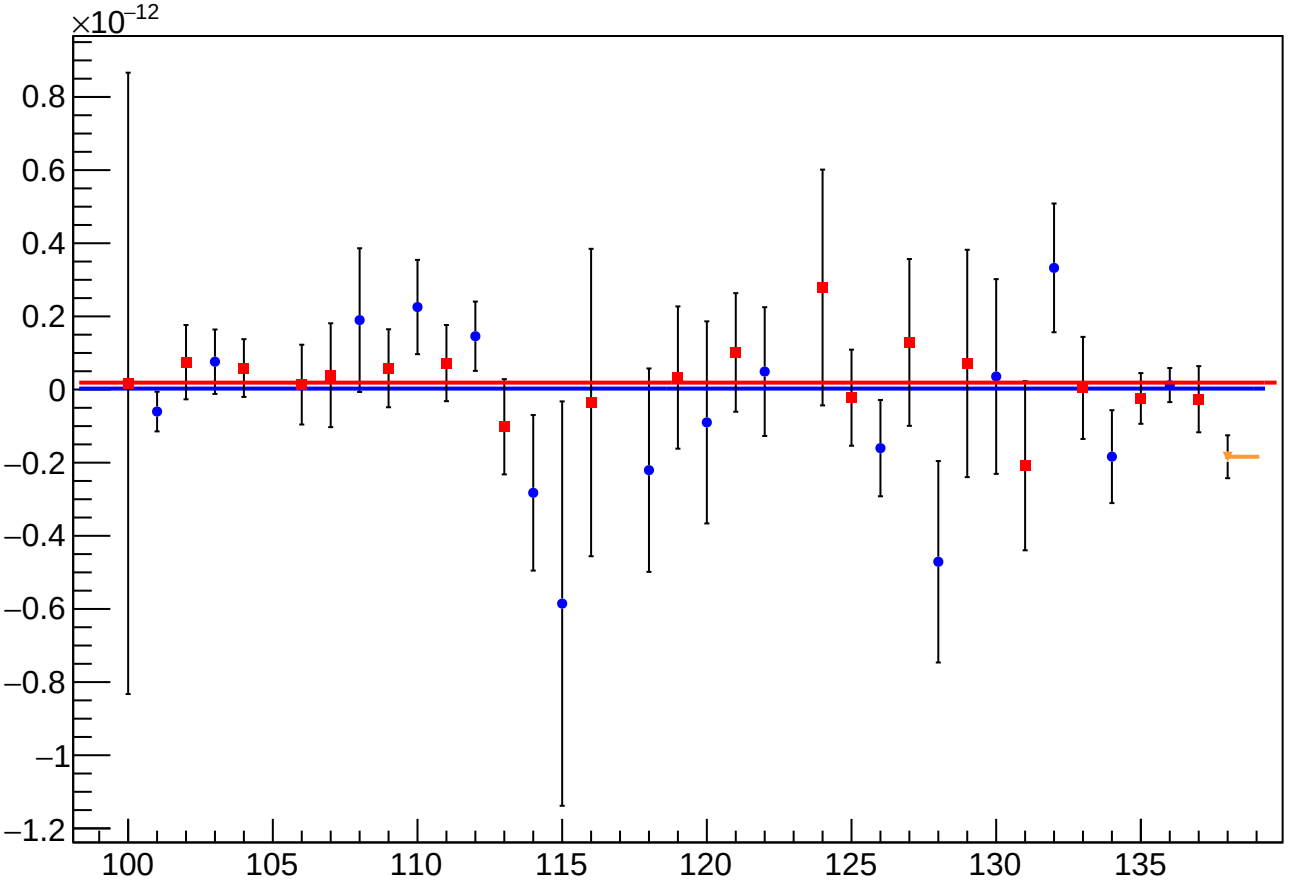
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1306.118+/-0.341 χ^2/NDF: 1163137.5/16

All: 1264.652+/-0.238 χ^2/NDF: 2563436.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 22.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

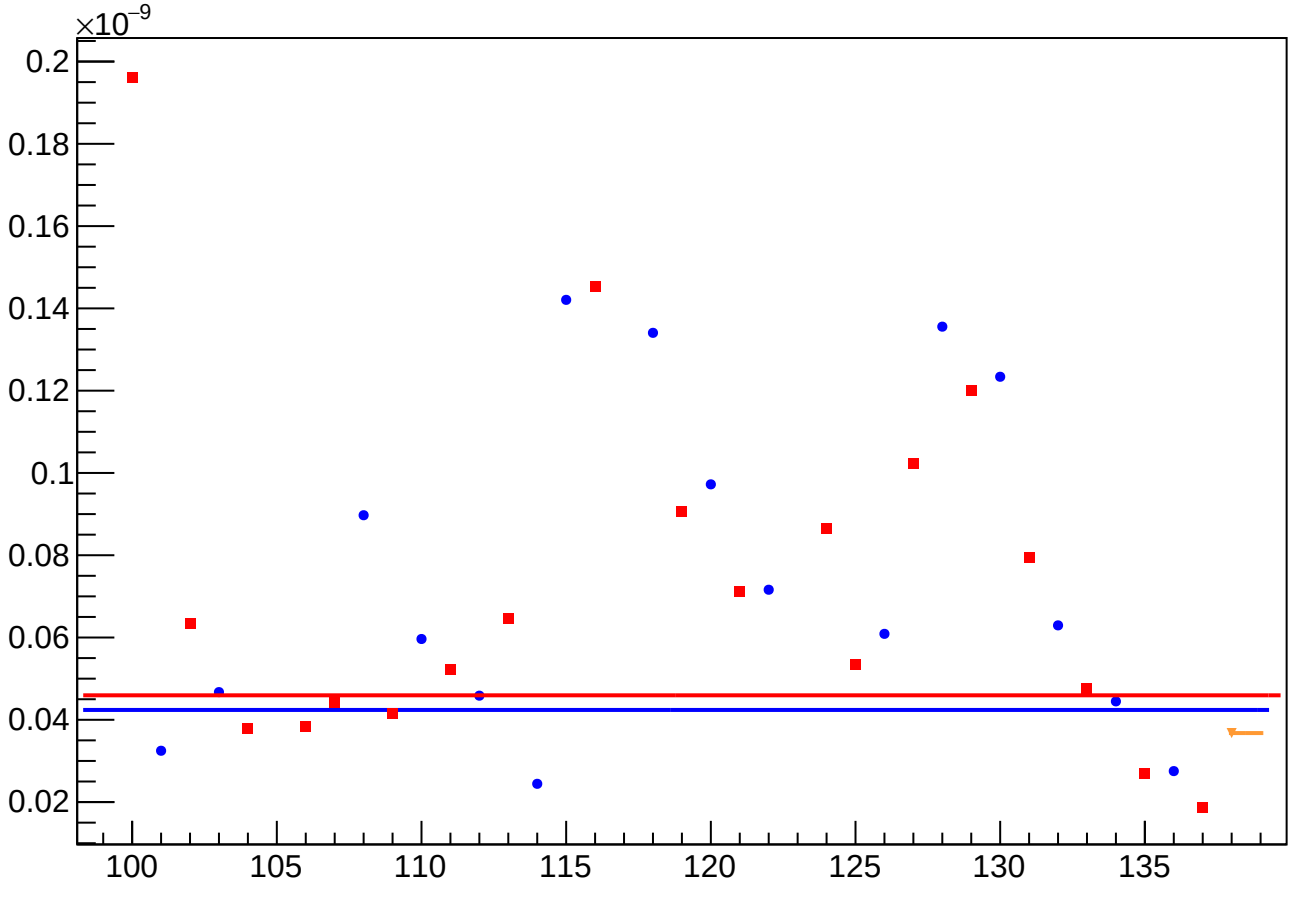
Right Out: 0.000+/-0.000 χ^2/NDF: 4.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 30.5/16

All: -0.000+/-0.000 χ^2/NDF: 36.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1341259.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1118551.4/18

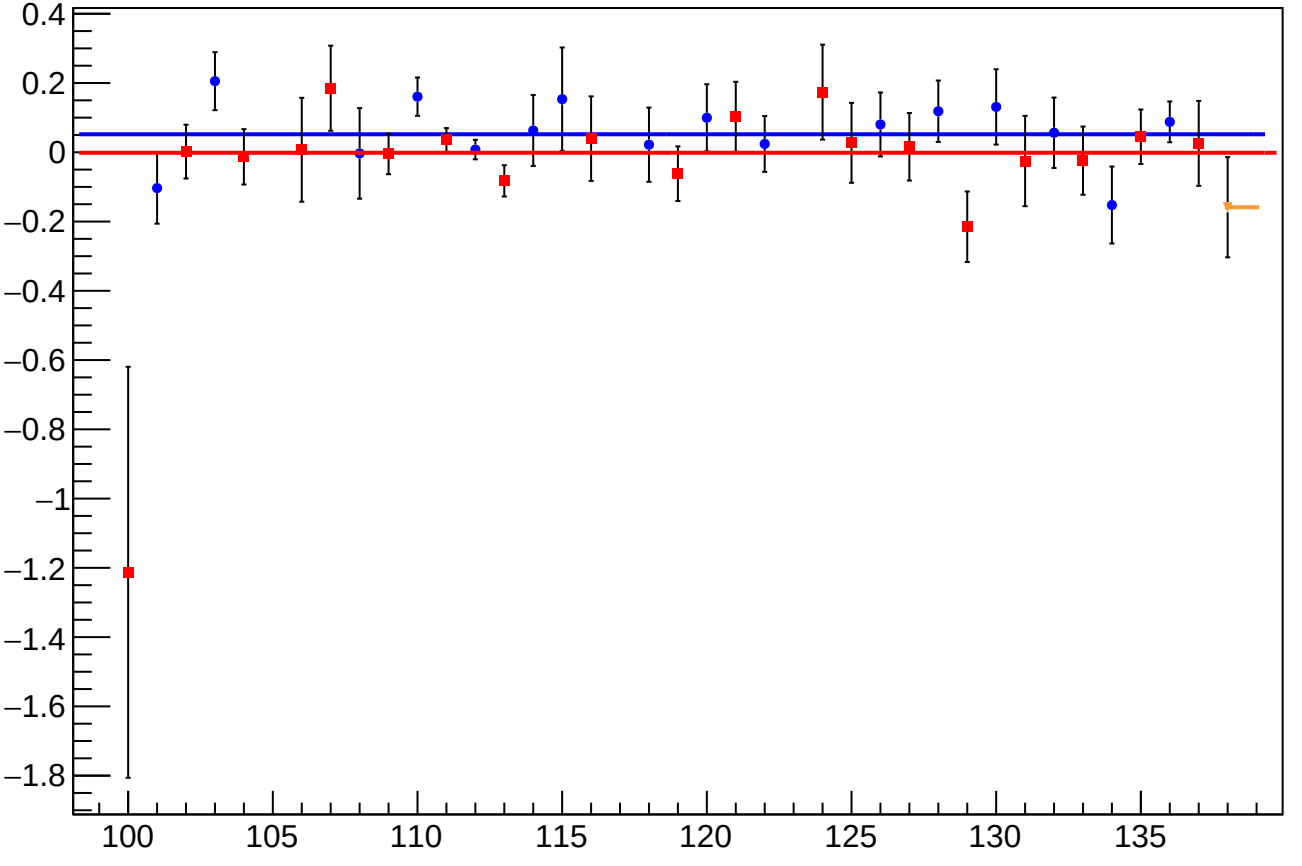
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1356440.6/16

All: 0.000+/-0.000 χ^2/NDF: 2503697.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.052+/-0.018 χ^2/NDF: 18.0/15

Left Out: -0.159+/-0.145 χ^2/NDF:0.0/0

Right Out: -0.001+/-0.018 χ^2/NDF: 19.2/18

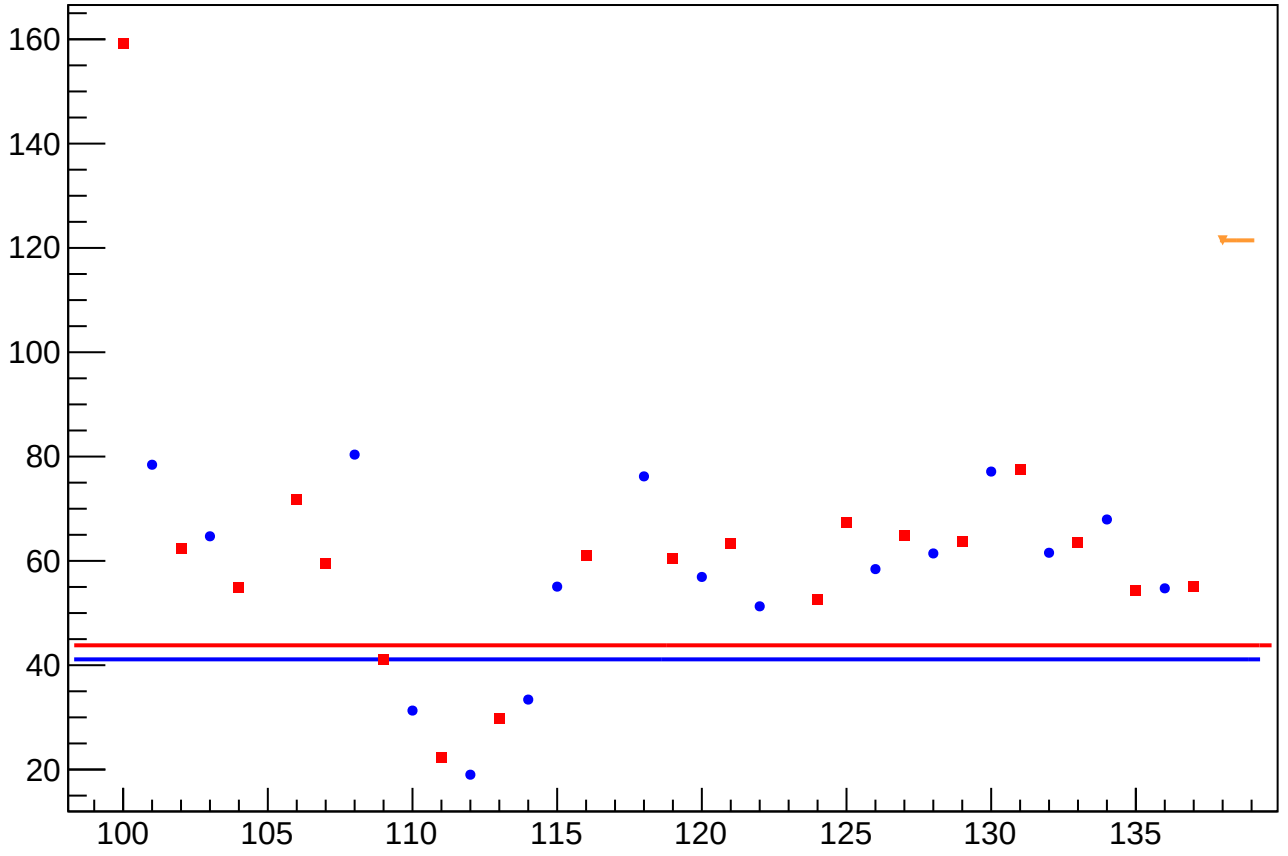
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.049+/-0.018 χ^2/NDF: 20.1/16

All: 0.024+/-0.013 χ^2/NDF: 43.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug



Right In: 41.120+/-0.013 χ^2/NDF: 2925302.3/15

Left Out: 121.450+/-0.102 χ^2/NDF:0.0/0

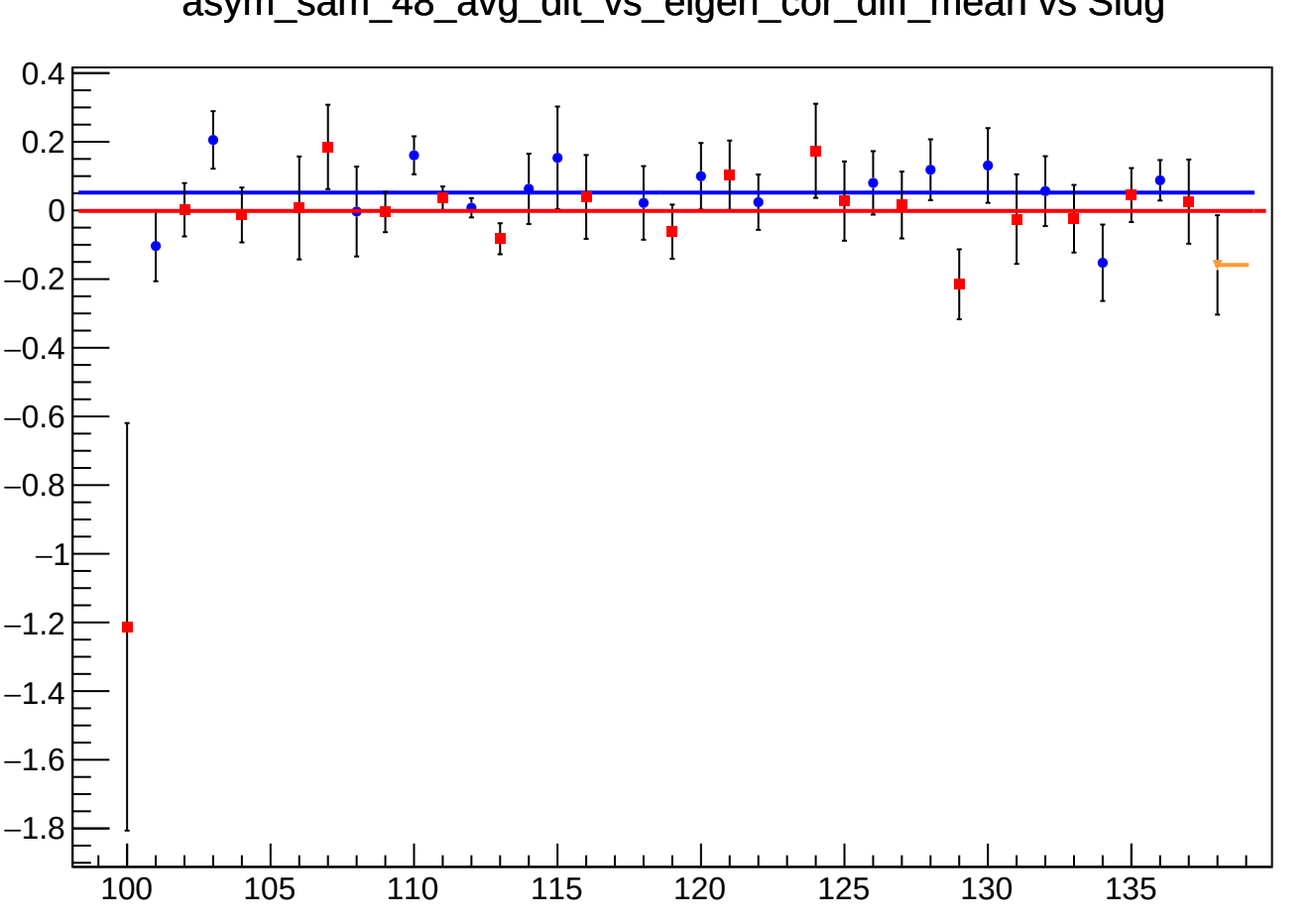
Right Out: 43.813+/-0.013 χ^2/NDF: 2048452.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.314+/-0.012 χ^2/NDF: 3532451.2/16

All: 43.051+/-0.009 χ^2/NDF: 5588013.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.052+/-0.018 χ^2/NDF: 18.0/15

Left Out: -0.159+/-0.145 χ^2/NDF:0.0/0

Right Out: -0.001+/-0.018 χ^2/NDF: 19.2/18

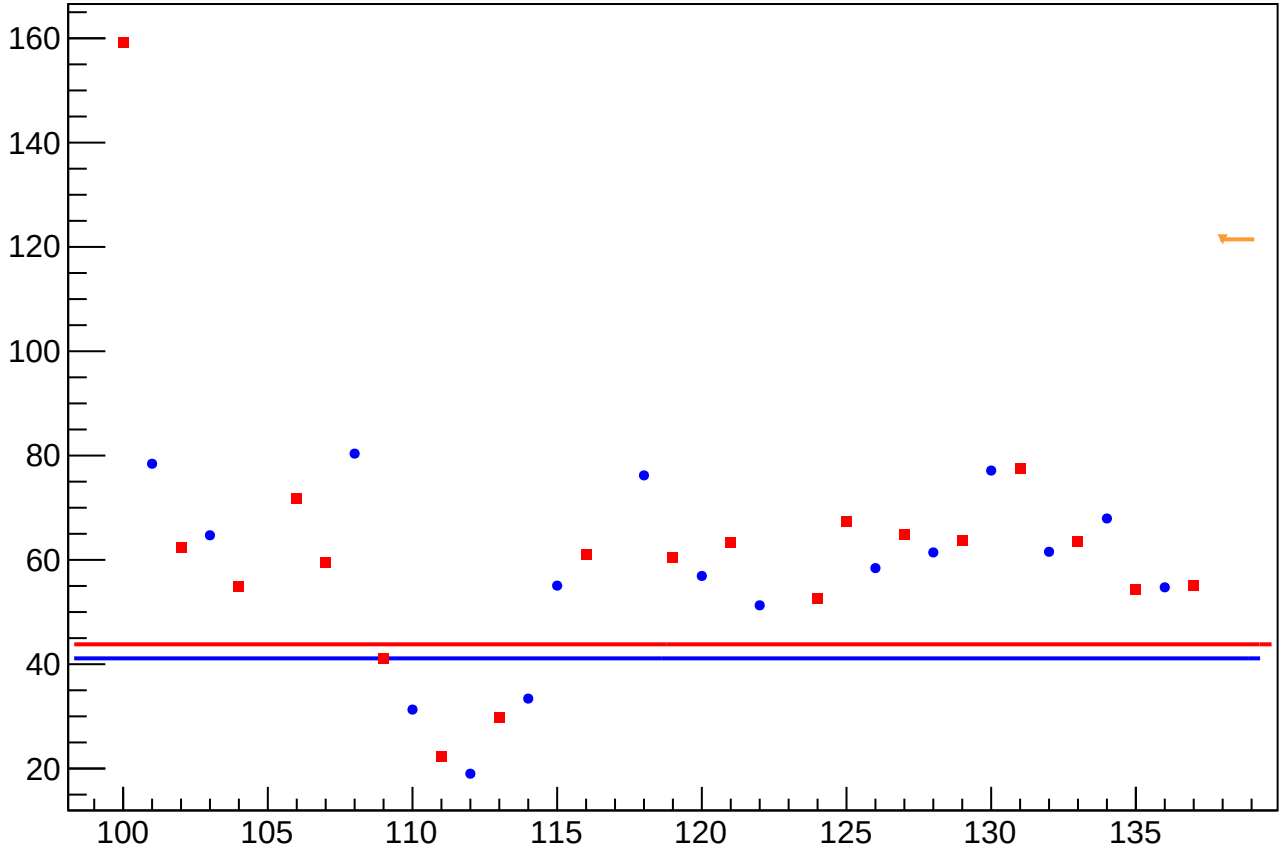
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.049+/-0.018 χ^2/NDF: 20.1/16

All: 0.024+/-0.013 χ^2/NDF: 43.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.120+/-0.013 χ^2/NDF: 2925302.3/15

Left Out: 121.450+/-0.102 χ^2/NDF:0.0/0

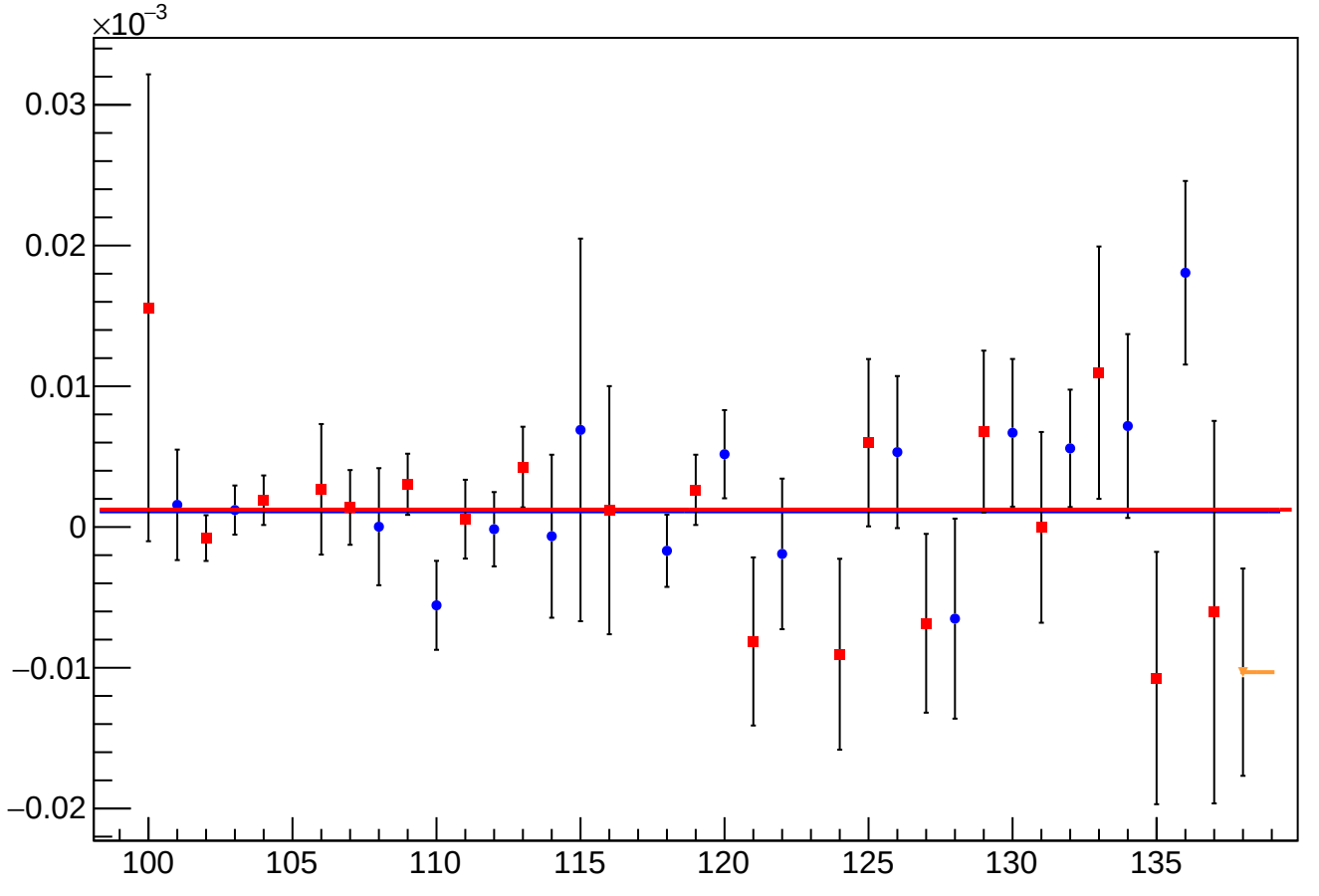
Right Out: 43.813+/-0.013 χ^2/NDF: 2048452.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.314+/-0.012 χ^2/NDF: 3532451.2/16

All: 43.051+/-0.009 χ^2/NDF: 5588013.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

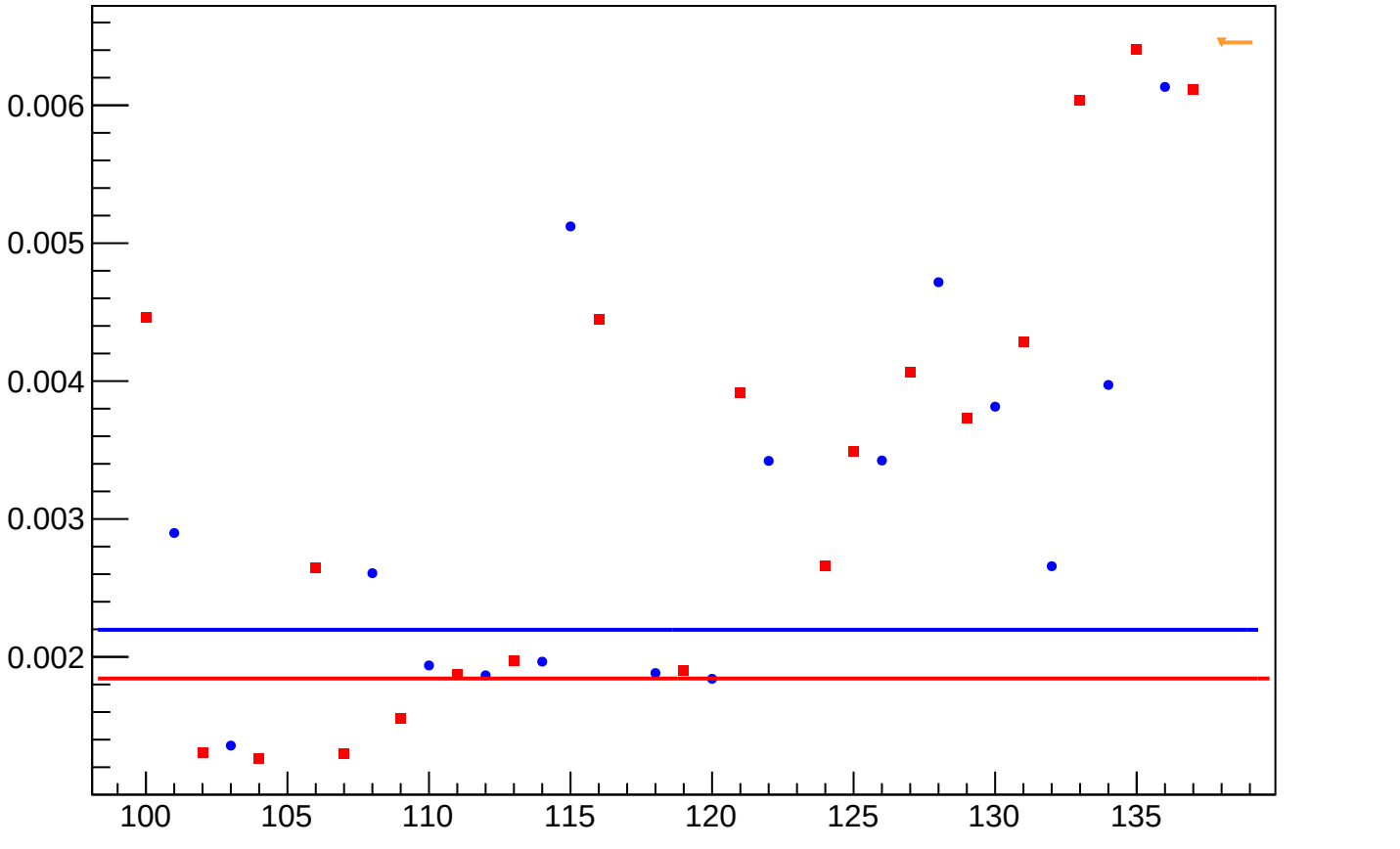
Right Out: 0.000+/-0.000 χ^2/NDF: 15.9/18

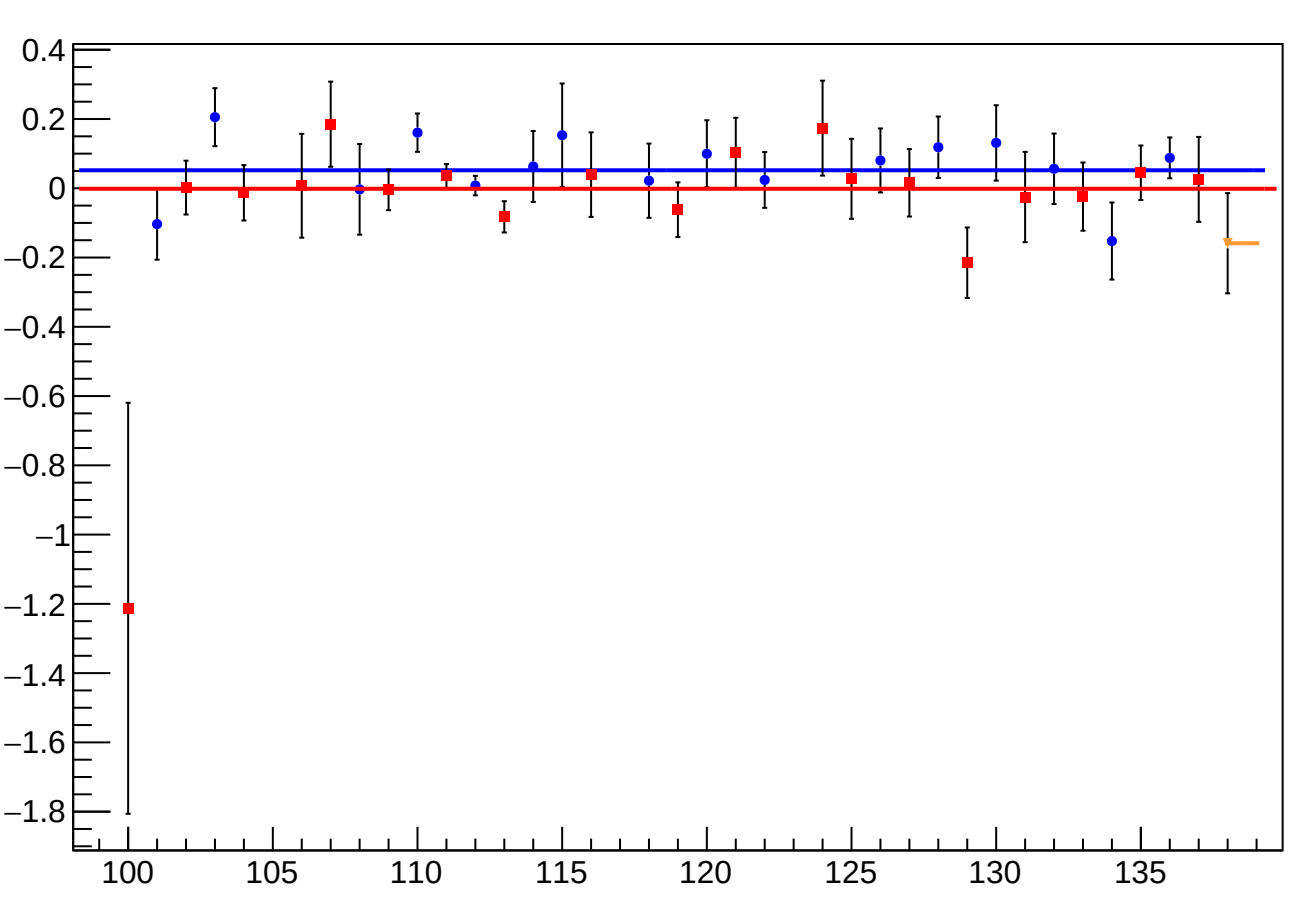
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 22.3/16

All: 0.000+/-0.000 χ^2/NDF: 38.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.006
0.005
0.004
0.003
0.002
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 2292909.6/15
Left Out: 0.006+/-0.000 χ²/NDF:0.0/0
Right Out: 0.002+/-0.000 χ²/NDF: 3137598.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 2951848.7/16
All: 0.002+/-0.000 χ²/NDF: 6338689.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.052+/-0.018 χ^2/NDF: 18.0/15

Left Out: -0.159+/-0.145 χ^2/NDF:0.0/0

Right Out: -0.001+/-0.018 χ^2/NDF: 19.2/18

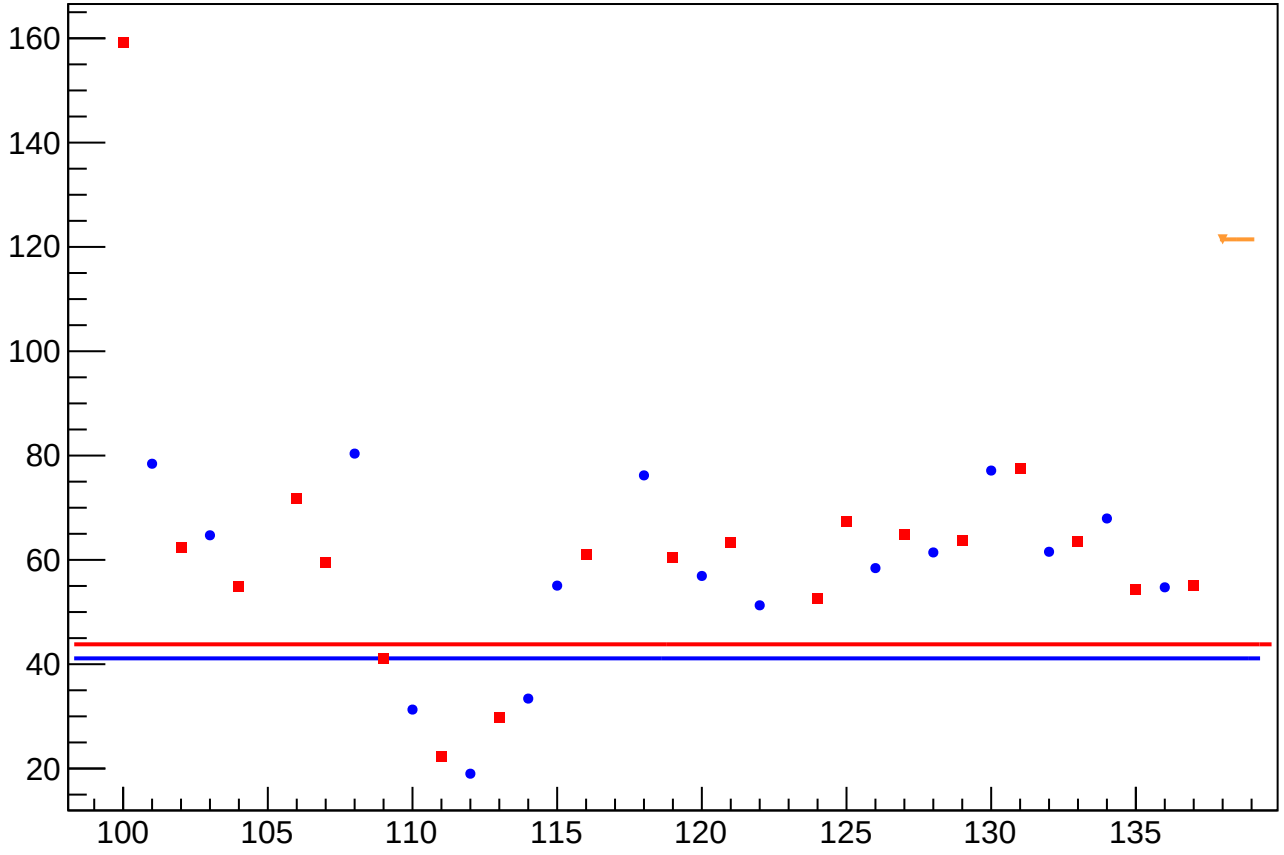
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.049+/-0.018 χ^2/NDF: 20.1/16

All: 0.024+/-0.013 χ^2/NDF: 43.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 41.119+/-0.013 χ^2/NDF: 2925464.8/15

Left Out: 121.449+/-0.102 χ^2/NDF:0.0/0

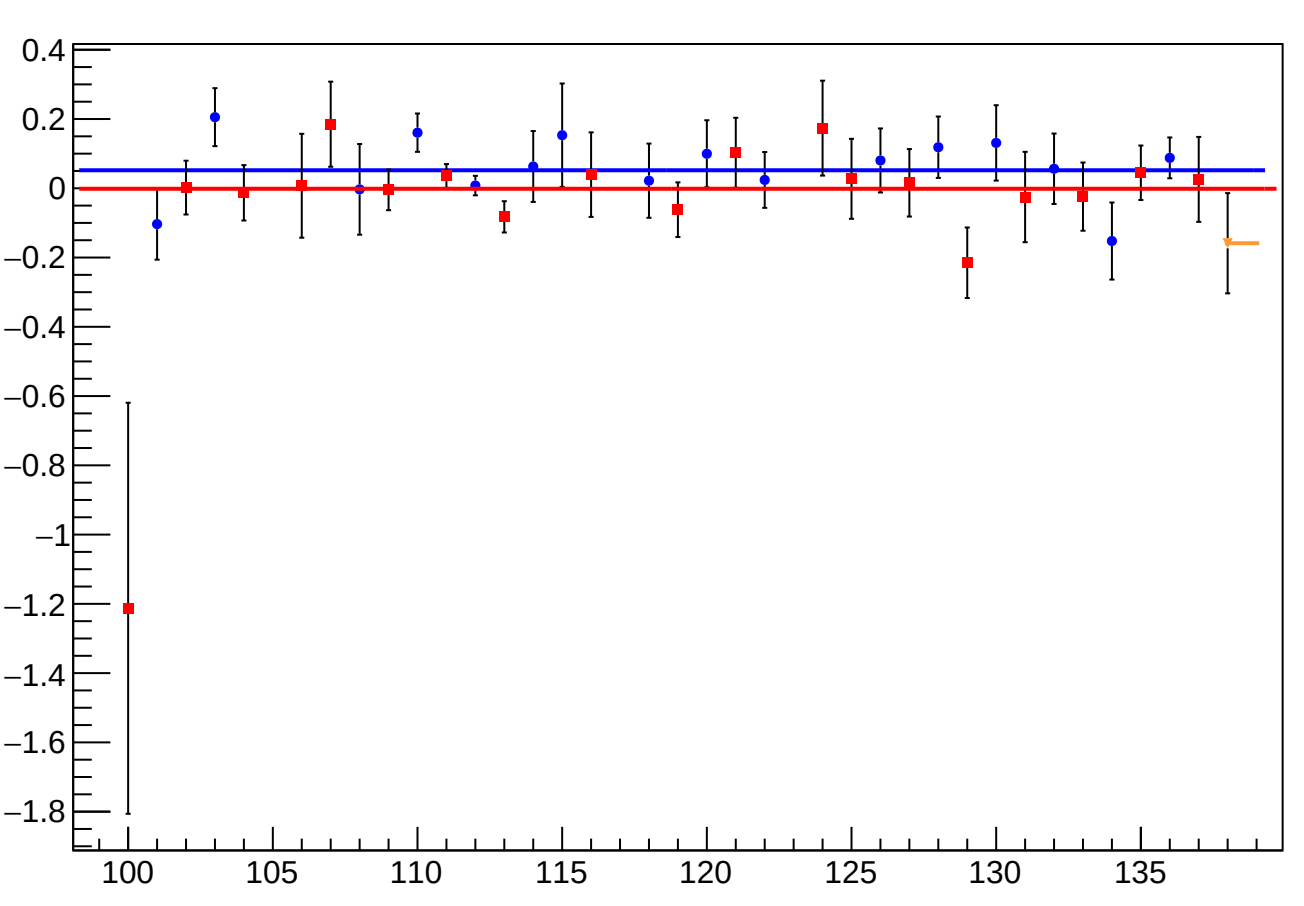
Right Out: 43.813+/-0.013 χ^2/NDF: 2048627.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.313+/-0.012 χ^2/NDF: 3532617.8/16

All: 43.051+/-0.009 χ^2/NDF: 5588357.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.052+/-0.018 χ^2/NDF: 18.0/15

Left Out: -0.159+/-0.145 χ^2/NDF:0.0/0

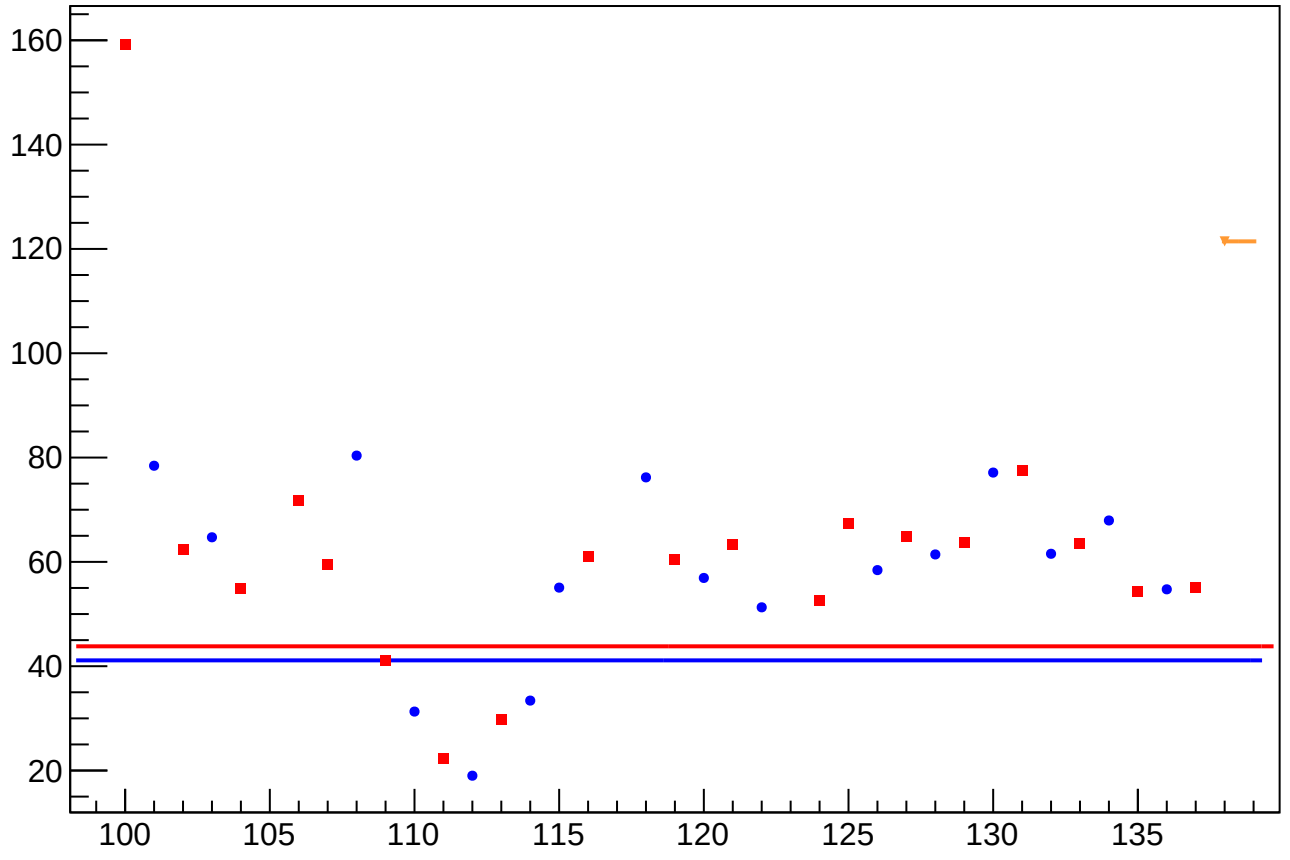
Right Out: -0.001+/-0.018 χ^2/NDF: 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.049+/-0.018 χ^2/NDF: 20.1/16

All: 0.024+/-0.013 χ^2/NDF: 43.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 41.119+/-0.013 χ^2/NDF: 2925464.8/15

Left Out: 121.449+/-0.102 χ^2/NDF:0.0/0

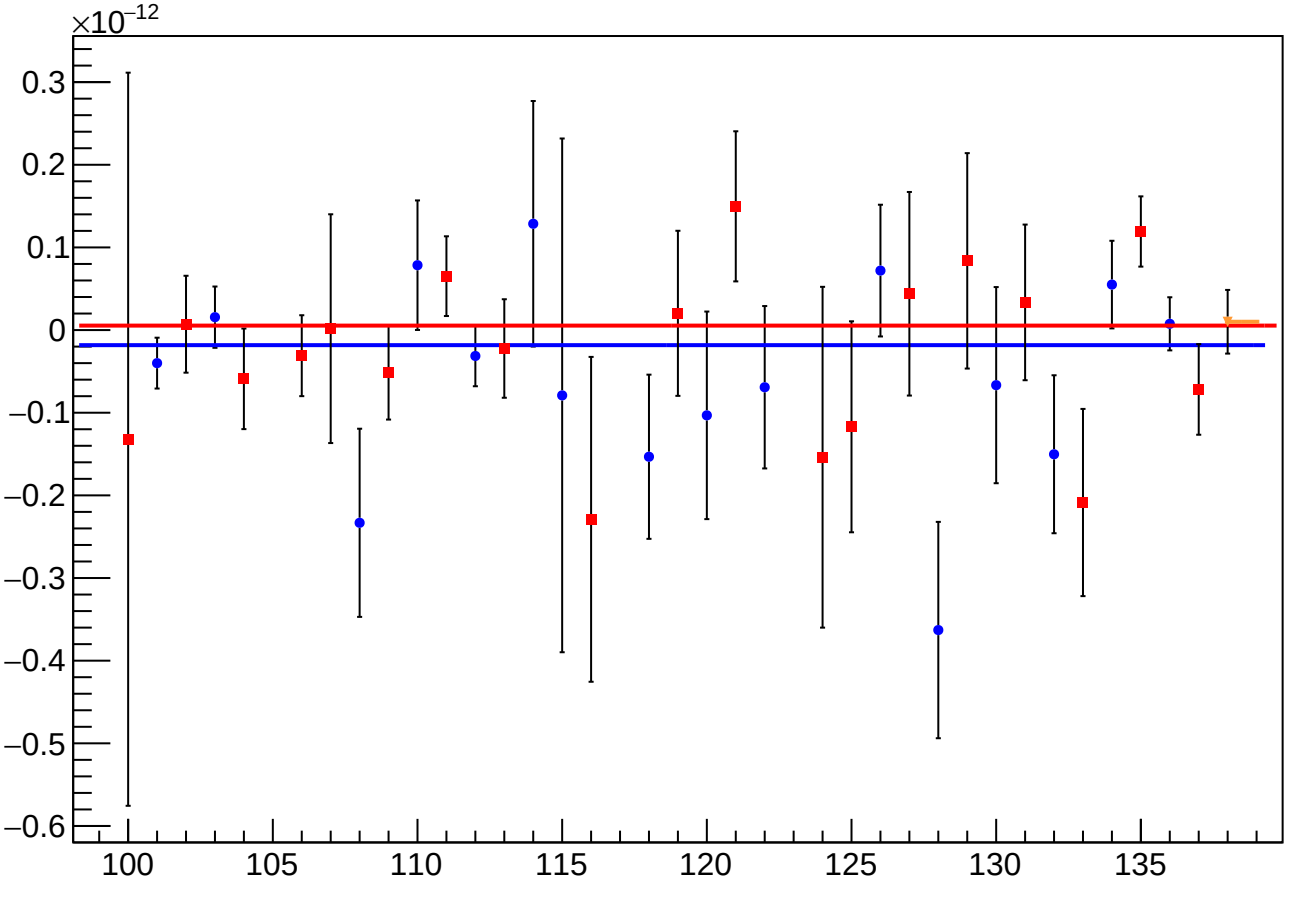
Right Out: 43.813+/-0.013 χ^2/NDF: 2048627.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.313+/-0.012 χ^2/NDF: 3532617.8/16

All: 43.051+/-0.009 χ^2/NDF: 5588357.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 23.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

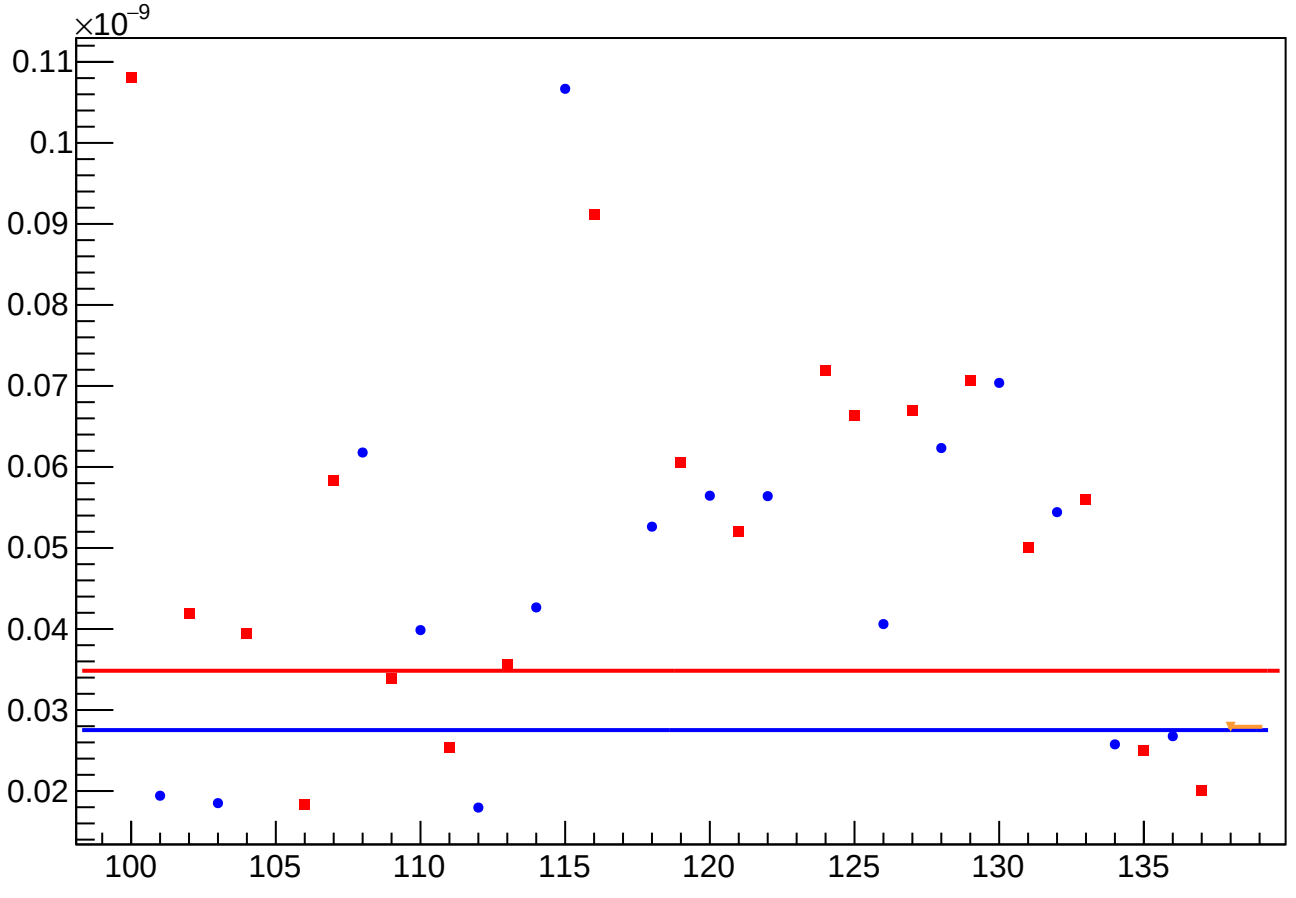
Right Out: 0.000+/-0.000 χ^2/NDF: 23.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 23.5/16

All: -0.000+/-0.000 χ^2/NDF: 47.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1799776.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1676246.7/18

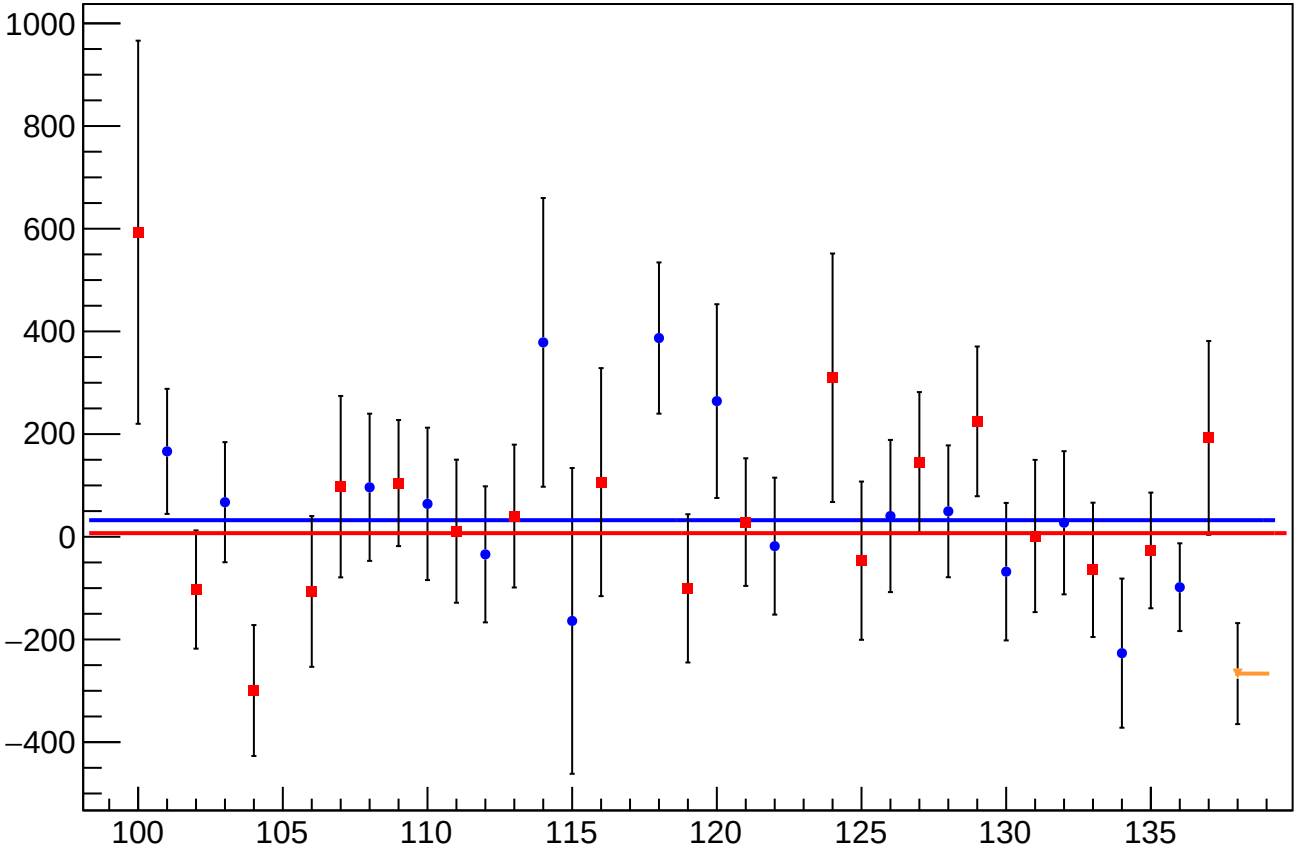
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1799972.1/16

All: 0.000+/-0.000 χ^2/NDF: 3705985.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 32.297+/-34.429 χ^2/NDF: 17.3/15

Left Out: -266.510+/-98.367 χ^2/NDF:0.0/0

Right Out: 7.070+/-33.420 χ^2/NDF: 17.8/18

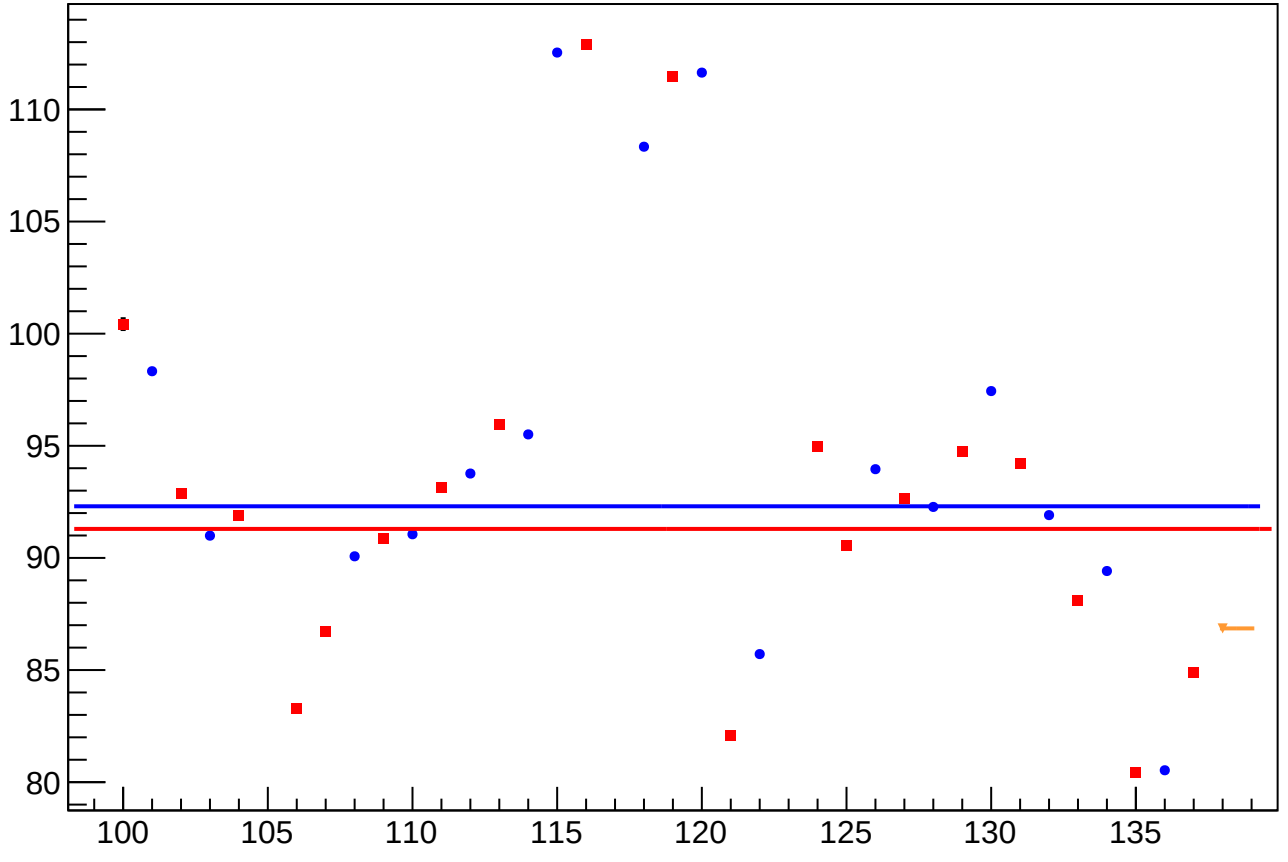
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.312+/-32.496 χ^2/NDF: 25.5/16

All: 3.276+/-23.298 χ^2/NDF: 43.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 92.302+/-0.024 χ^2/NDF: 107066.1/15

Left Out: 86.857+/-0.070 χ^2/NDF:0.0/0

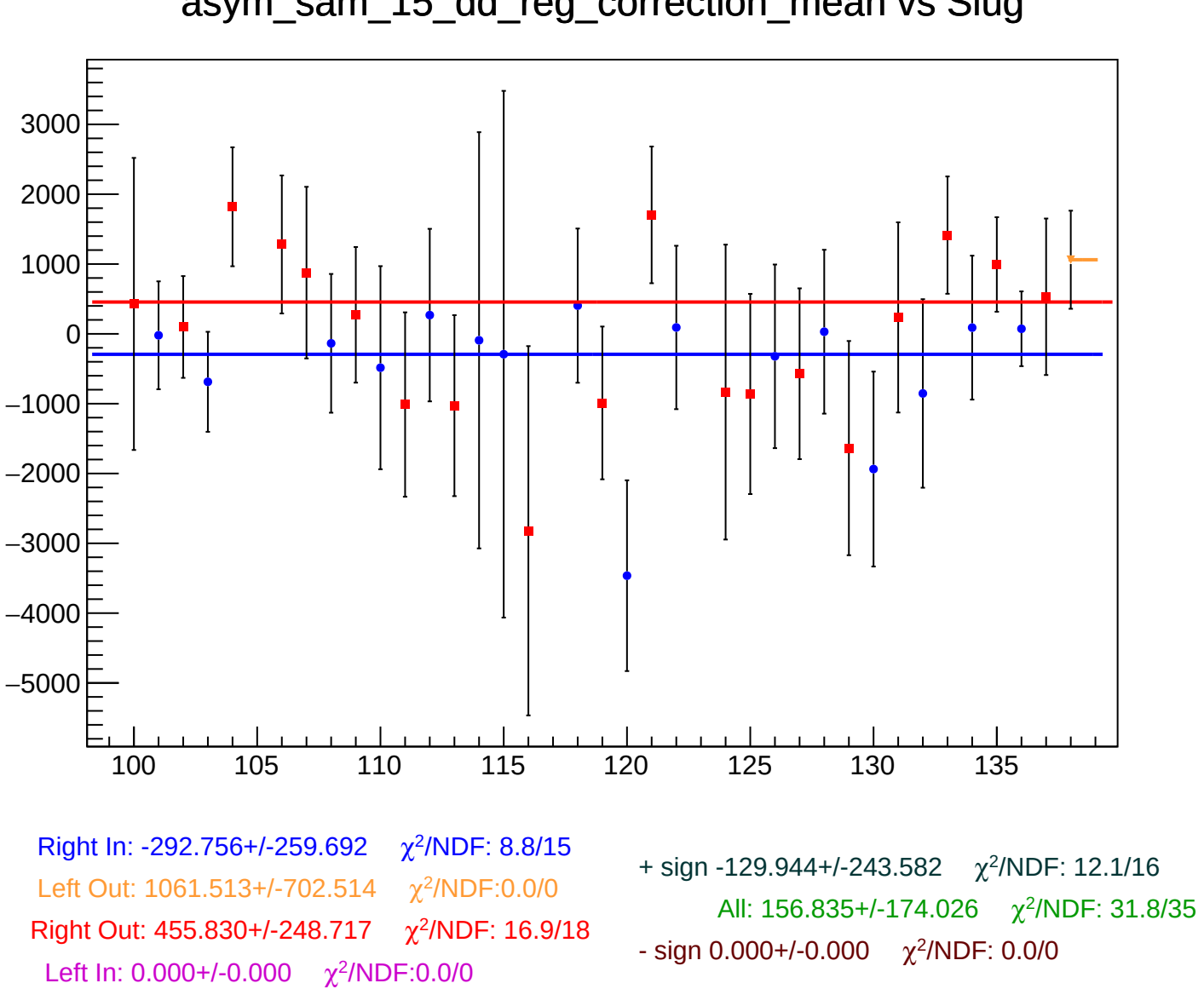
Right Out: 91.294+/-0.024 χ^2/NDF: 105096.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

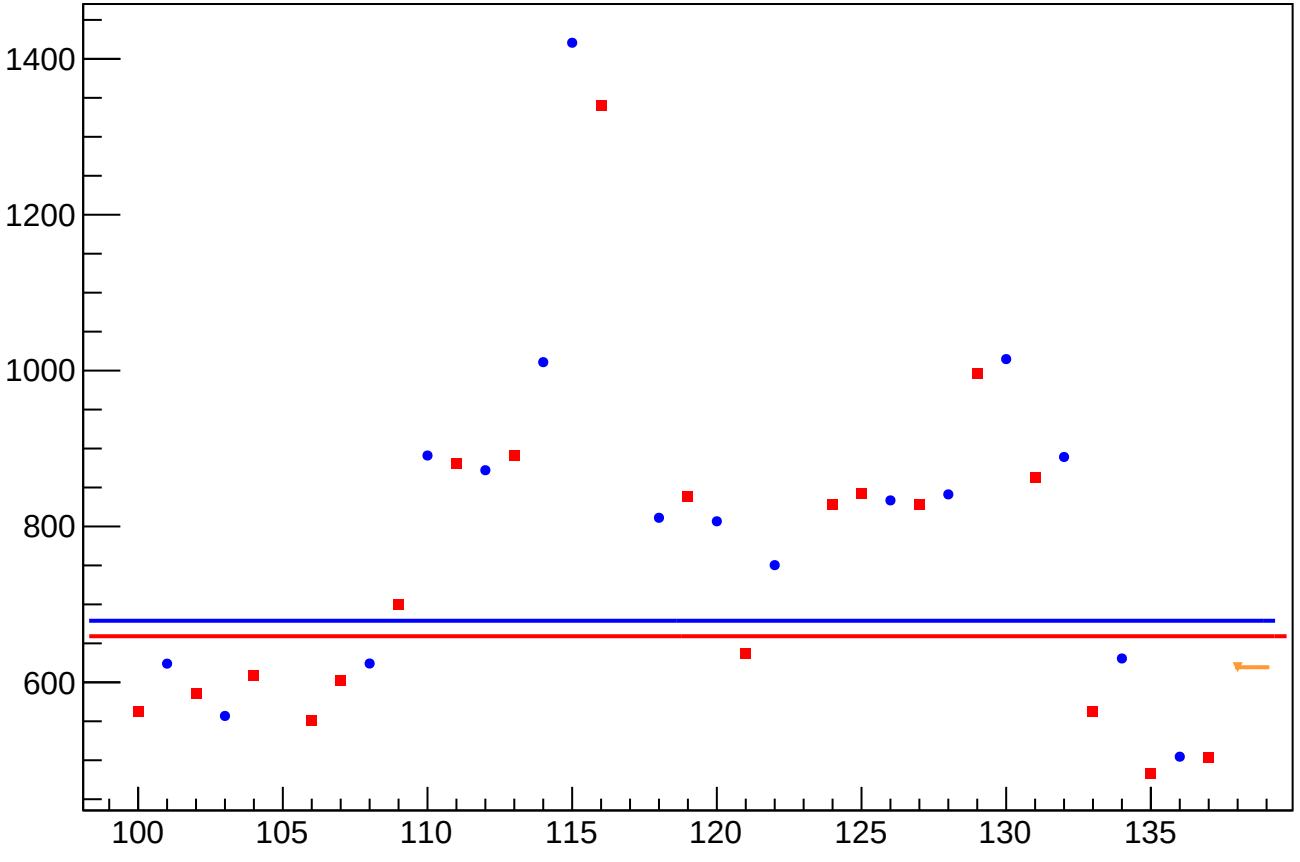
+ sign 91.708+/-0.023 χ^2/NDF: 112526.4/16

All: 91.507+/-0.016 χ^2/NDF: 217781.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_dd_reg_correction_mean vs Slug
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
100
105
110
115
120
125
130
135
Right In: -292.756+/-259.692 χ²/NDF: 8.8/15
Left Out: 1061.513+/-702.514 χ²/NDF:0.0/0
Right Out: 455.830+/-248.717 χ²/NDF: 16.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -129.944+/-243.582 χ²/NDF: 12.1/16
All: 156.835+/-174.026 χ²/NDF: 31.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 679.003+/-0.184 χ^2/NDF: 767983.3/15

Left Out: 619.358+/-0.497 χ^2/NDF:0.0/0

Right Out: 659.133+/-0.176 χ^2/NDF: 795877.7/18

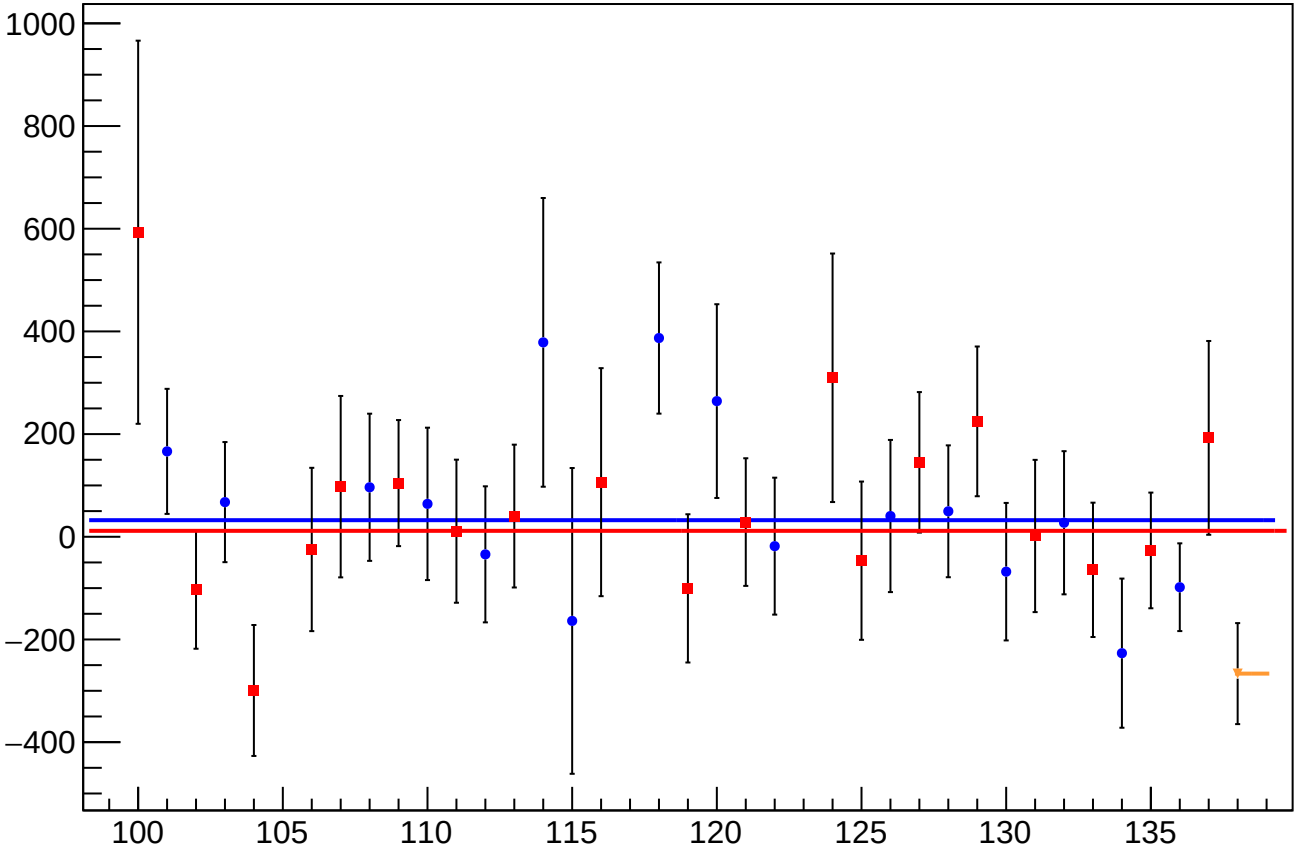
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 671.832+/-0.172 χ^2/NDF: 780666.8/16

All: 665.615+/-0.123 χ^2/NDF: 1579205.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 32.312+/-34.429 χ^2/NDF: 17.3/15

Left Out: -266.503+/-98.367 χ^2/NDF:0.0/0

Right Out: 11.576+/-33.548 χ^2/NDF: 17.2/18

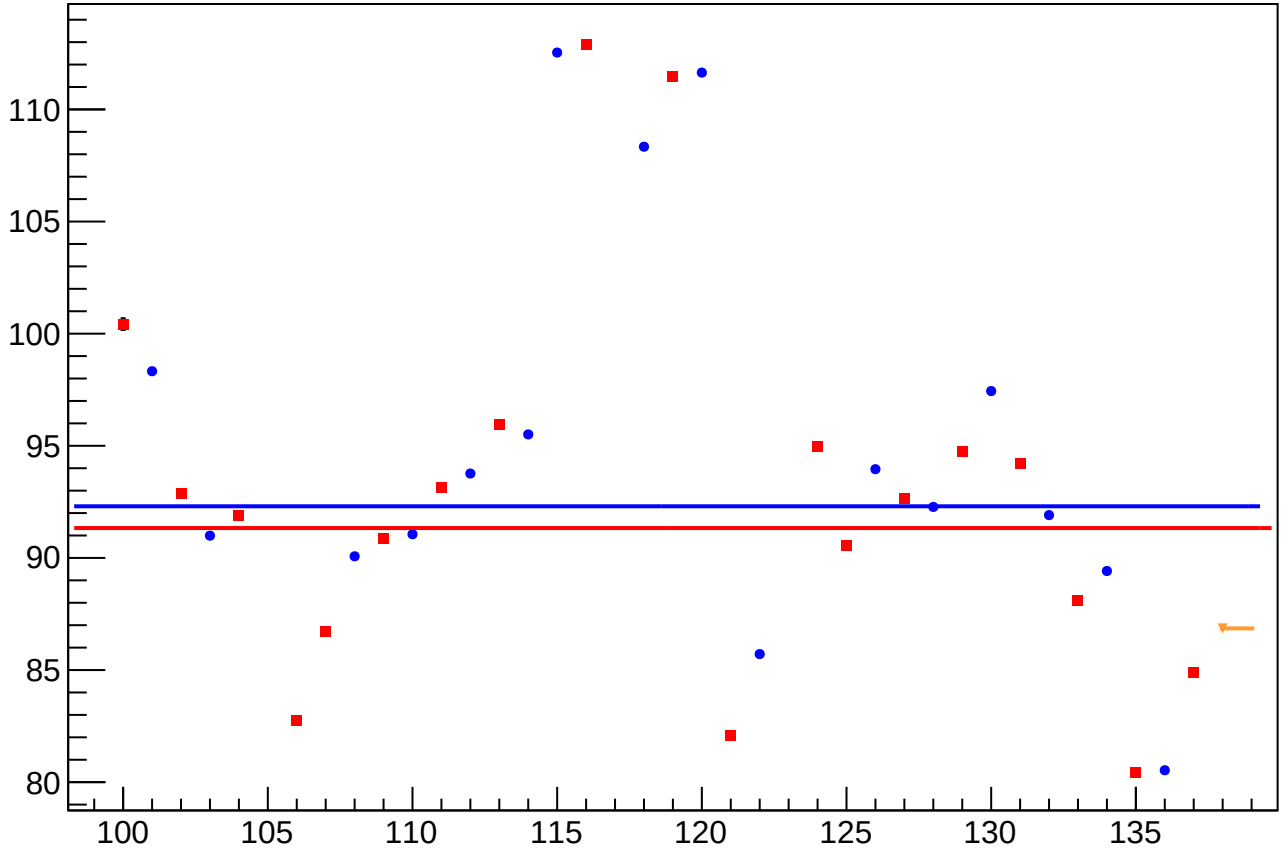
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.298+/-32.496 χ^2/NDF: 25.5/16

All: 5.450+/-23.341 χ^2/NDF: 42.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 92.302+/-0.024 χ^2/NDF: 107066.1/15

Left Out: 86.857+/-0.070 χ^2/NDF:0.0/0

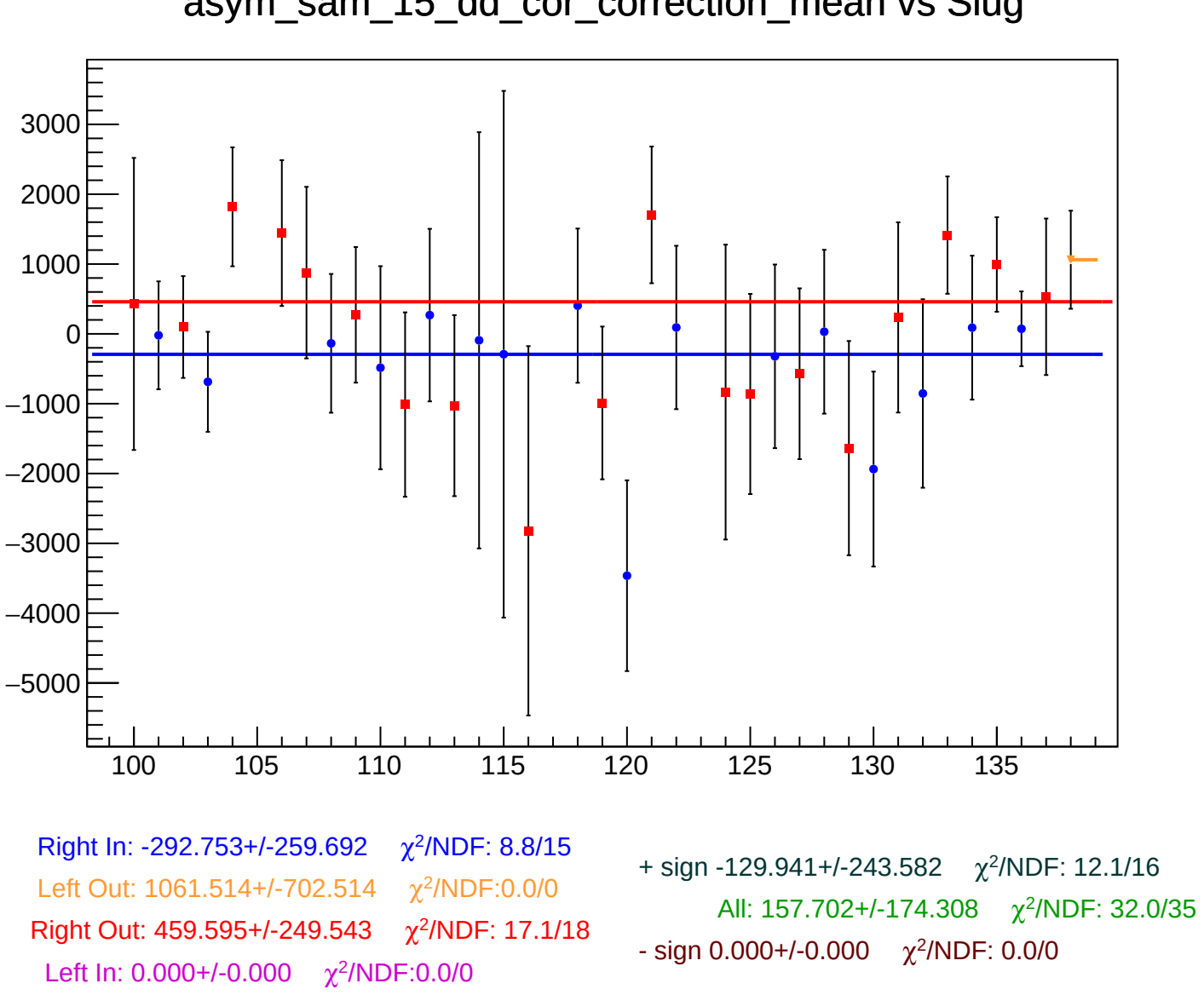
Right Out: 91.332+/-0.024 χ^2/NDF: 104918.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

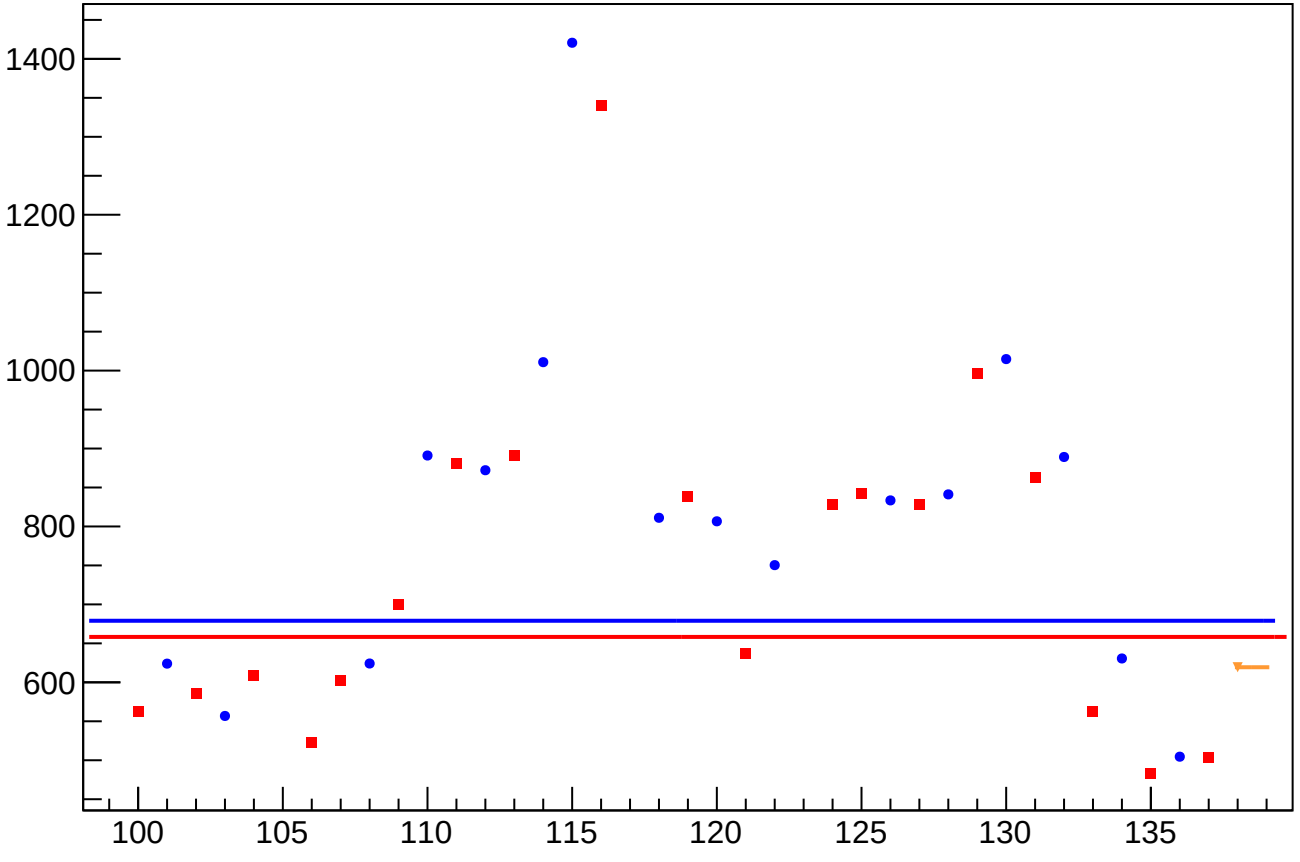
+ sign 91.708+/-0.023 χ^2/NDF: 112526.4/16

All: 91.526+/-0.017 χ^2/NDF: 217574.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_dd_cor_correction_mean vs Slug
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
100
105
110
115
120
125
130
135
Right In: -292.753+/-259.692 χ²/NDF: 8.8/15
Left Out: 1061.514+/-702.514 χ²/NDF:0.0/0
Right Out: 459.595+/-249.543 χ²/NDF: 17.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -129.941+/-243.582 χ²/NDF: 12.1/16
All: 157.702+/-174.308 χ²/NDF: 32.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 679.003+/-0.184 χ^2/NDF: 767985.6/15

Left Out: 619.358+/-0.497 χ^2/NDF:0.0/0

Right Out: 658.262+/-0.176 χ^2/NDF: 805898.2/18

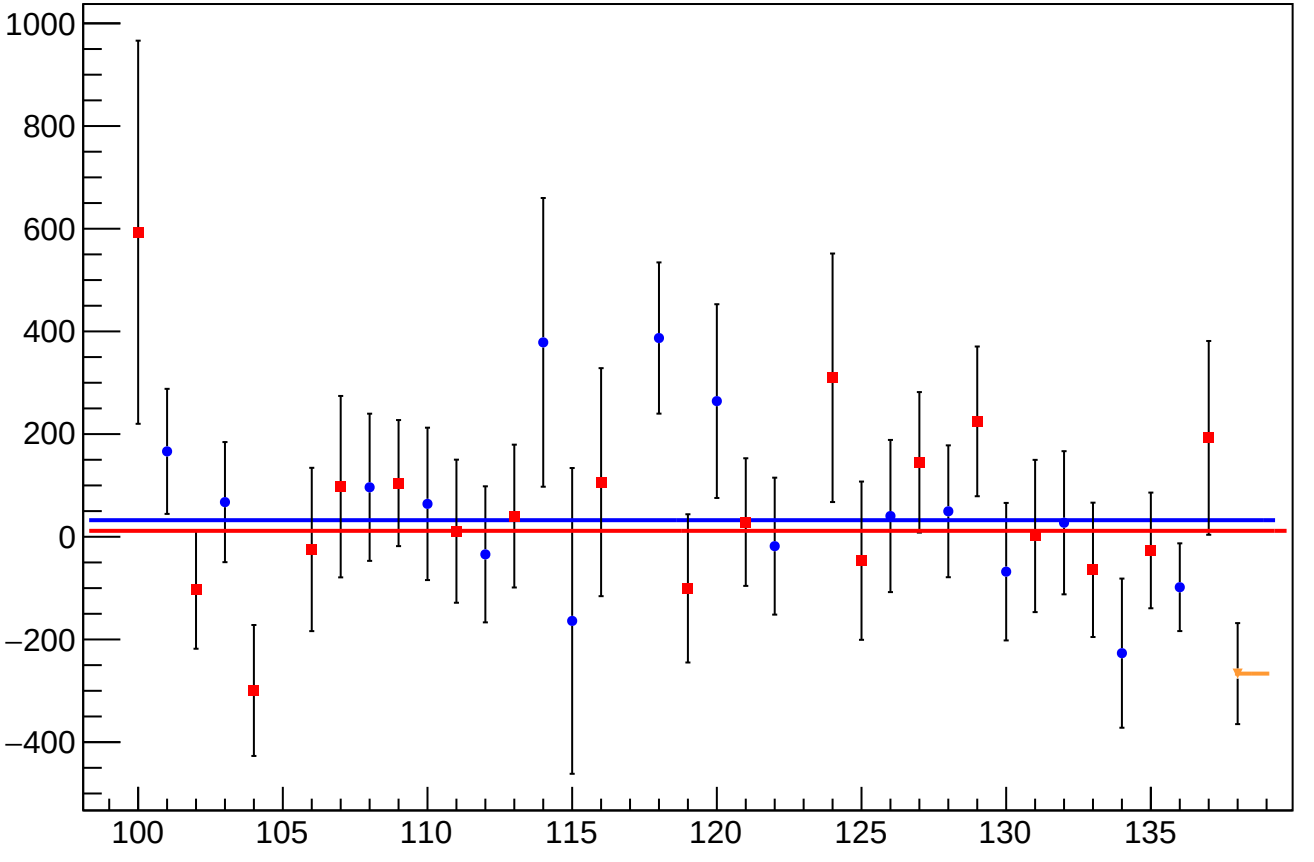
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 671.832+/-0.172 χ^2/NDF: 780668.9/16

All: 665.211+/-0.123 χ^2/NDF: 1589595.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 32.312+/-34.429 χ^2/NDF: 17.3/15

Left Out: -266.503+/-98.367 χ^2/NDF:0.0/0

Right Out: 11.576+/-33.548 χ^2/NDF: 17.2/18

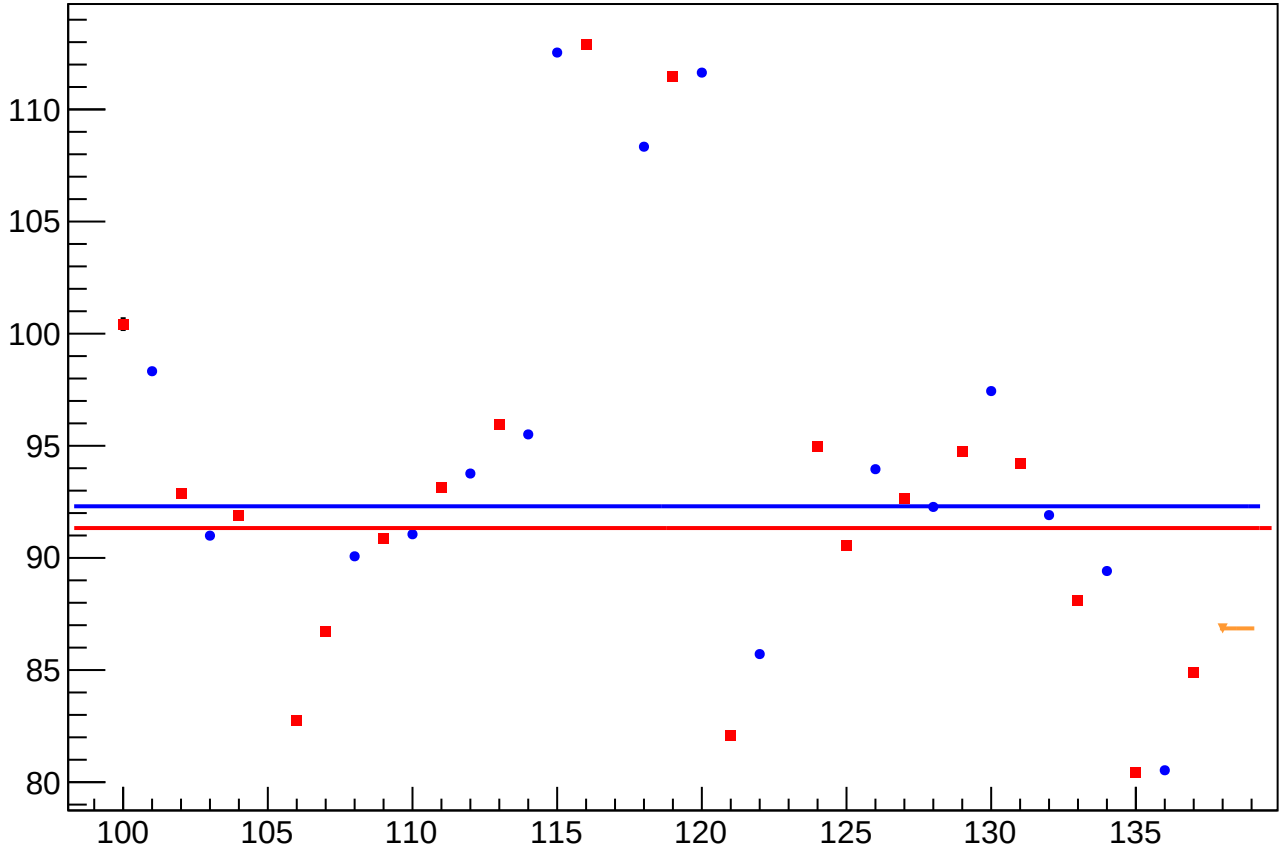
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.298+/-32.496 χ^2/NDF: 25.5/16

All: 5.450+/-23.341 χ^2/NDF: 42.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 92.302+/-0.024 χ^2/NDF: 107066.1/15

Left Out: 86.857+/-0.070 χ^2/NDF:0.0/0

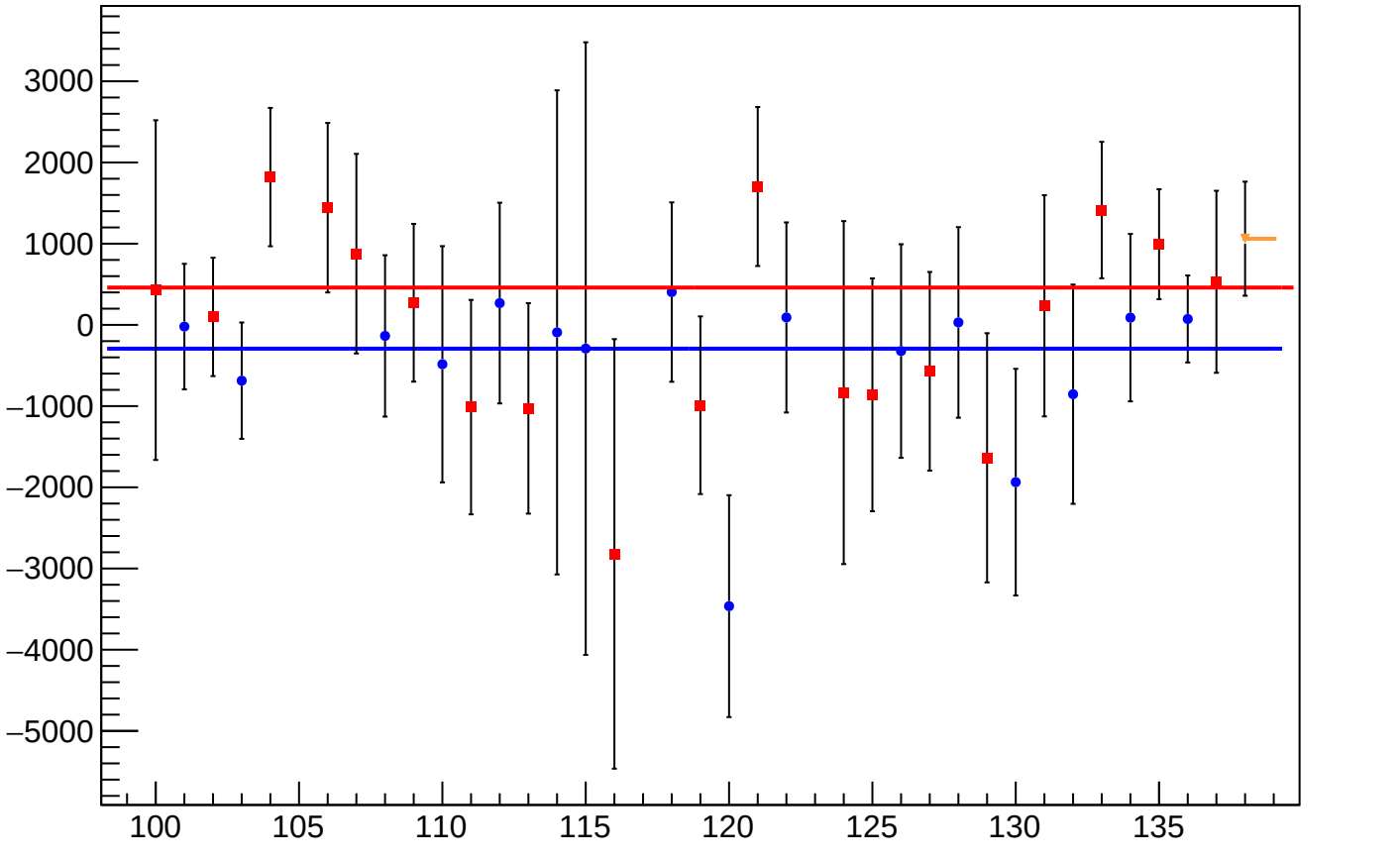
Right Out: 91.332+/-0.024 χ^2/NDF: 104918.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 91.708+/-0.023 χ^2/NDF: 112526.4/16

All: 91.526+/-0.017 χ^2/NDF: 217574.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -292.753+/-259.692 χ^2/NDF: 8.8/15

Left Out: 1061.514+/-702.514 χ^2/NDF:0.0/0

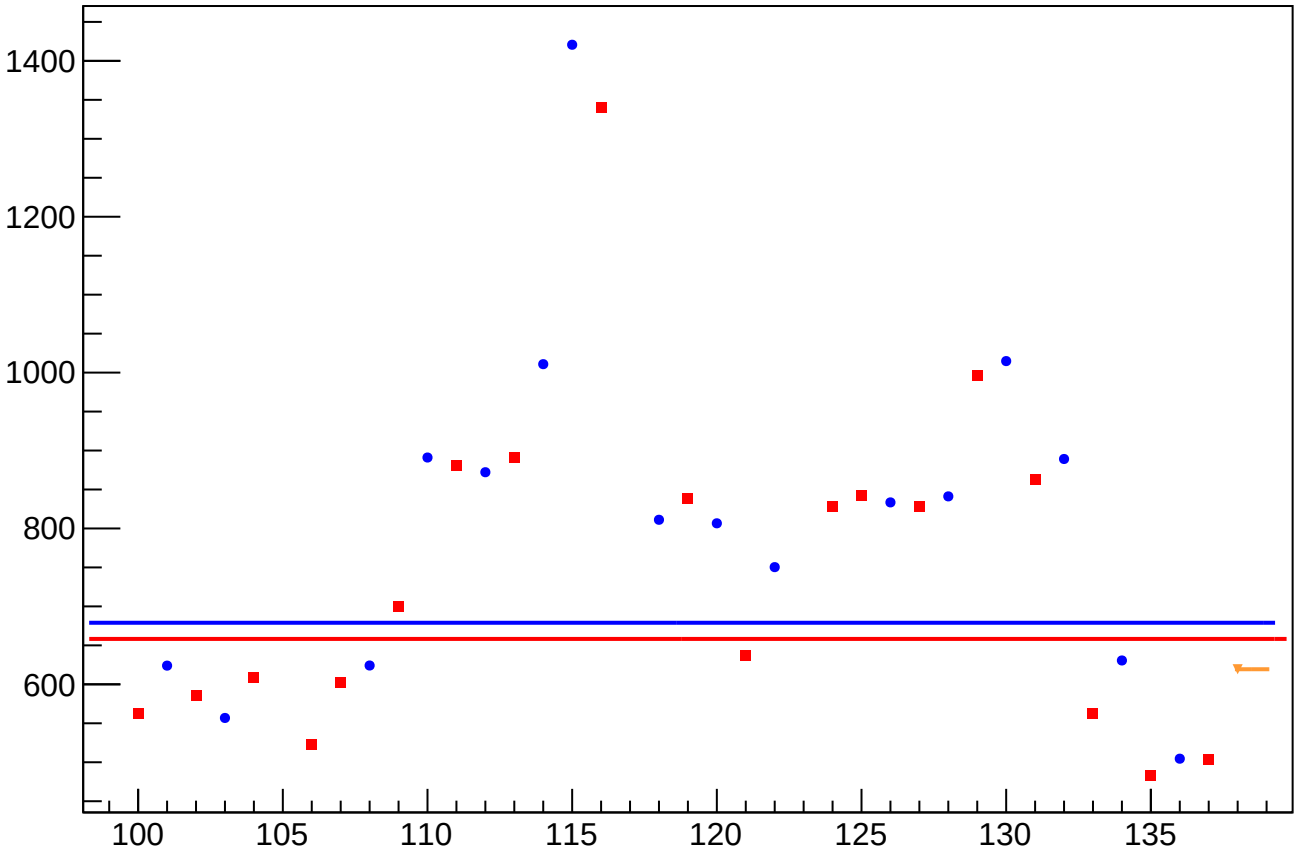
Right Out: 459.595+/-249.543 χ^2/NDF: 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -129.941+/-243.582 χ^2/NDF: 12.1/16

All: 157.702+/-174.308 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 679.003+/-0.184 χ^2/NDF: 767985.6/15

Left Out: 619.358+/-0.497 χ^2/NDF:0.0/0

Right Out: 658.262+/-0.176 χ^2/NDF: 805898.2/18

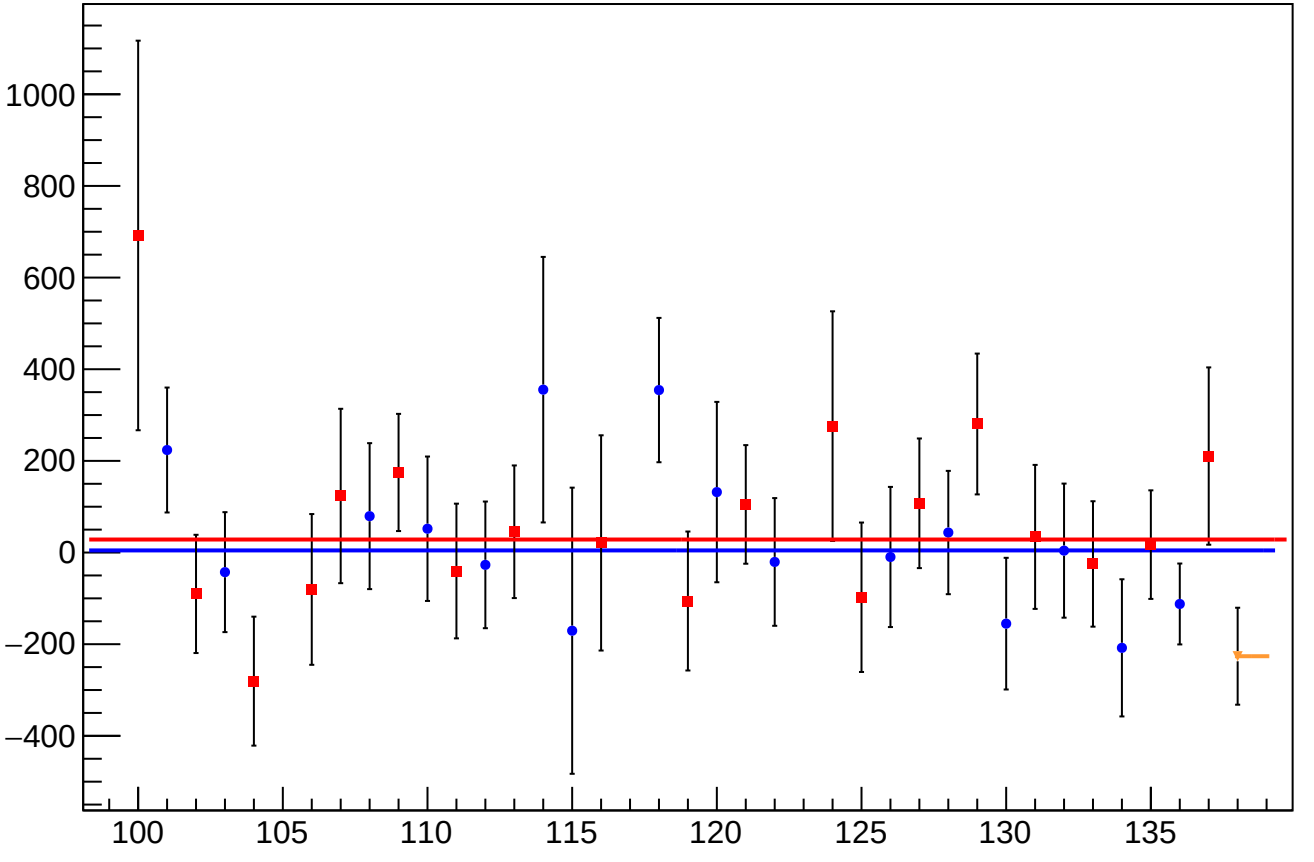
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 671.832+/-0.172 χ^2/NDF: 780668.9/16

All: 665.211+/-0.123 χ^2/NDF: 1589595.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 4.619+/-36.509 χ^2/NDF: 15.3/15

Left Out: -226.251+/-105.803 χ^2/NDF:0.0/0

Right Out: 28.407+/-35.465 χ^2/NDF: 17.1/18

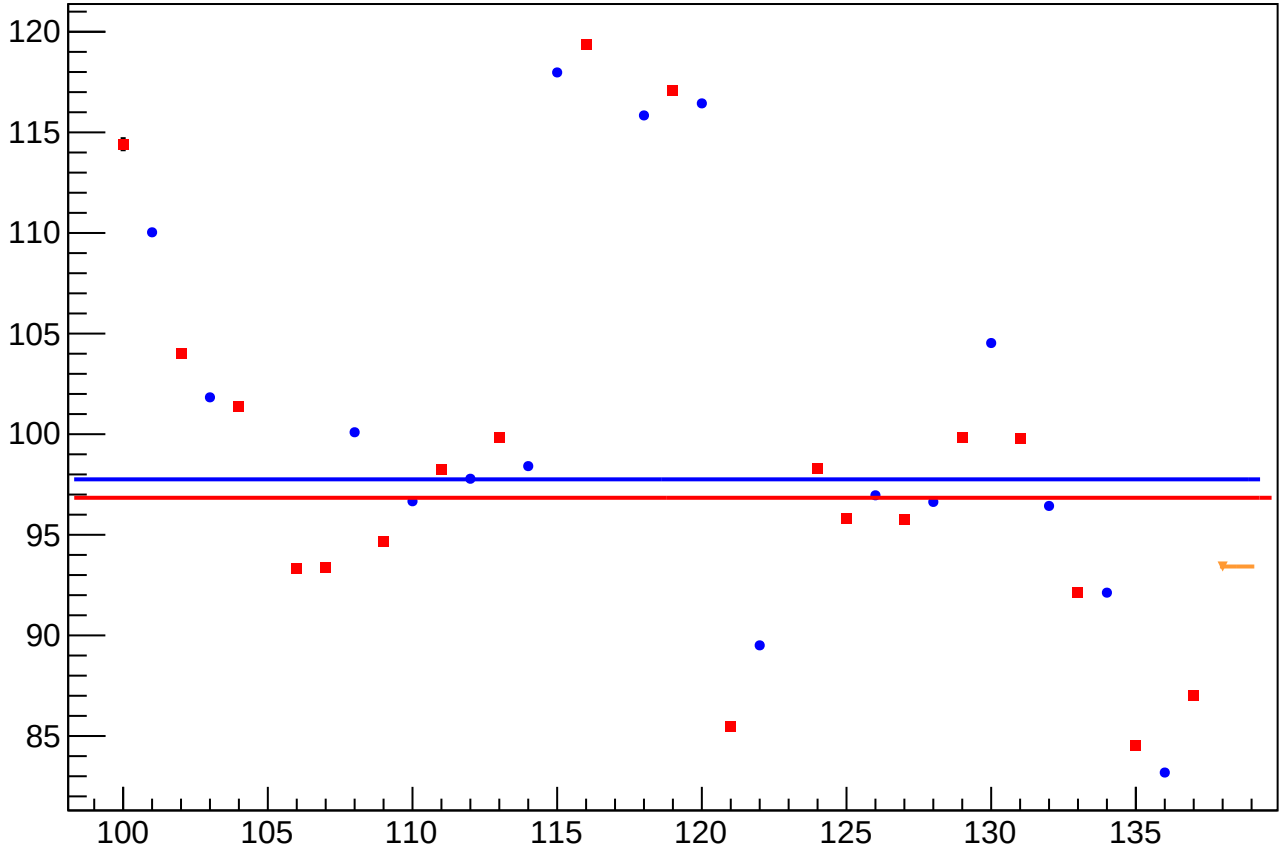
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -19.946+/-34.512 χ^2/NDF: 19.6/16

All: 3.573+/-24.734 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 97.756+/-0.026 χ^2/NDF: 140654.4/15

Left Out: 93.424+/-0.075 χ^2/NDF:0.0/0

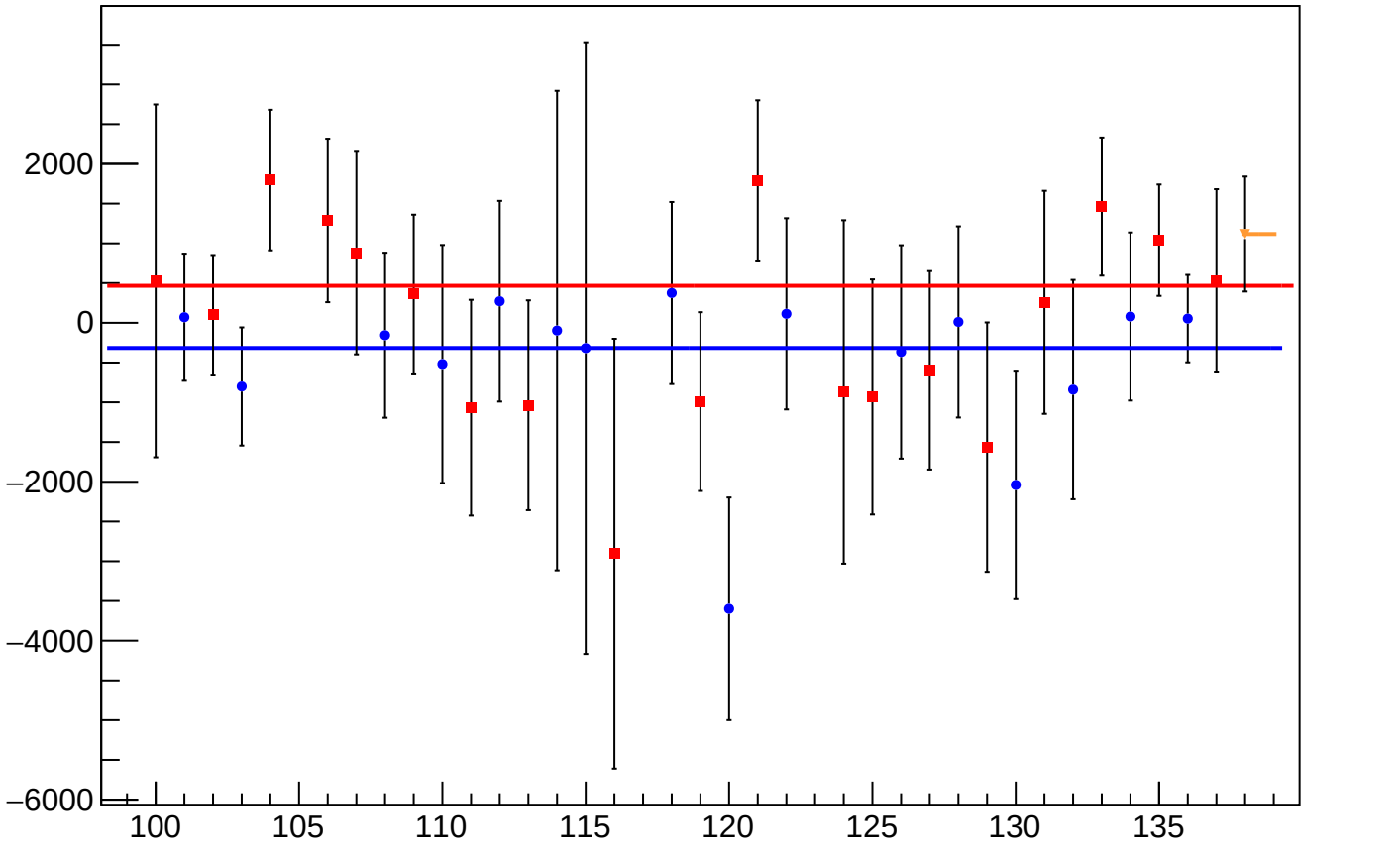
Right Out: 96.840+/-0.025 χ^2/NDF: 115170.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 97.295+/-0.024 χ^2/NDF: 143650.5/16

All: 97.074+/-0.017 χ^2/NDF: 258990.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -316.572+/-267.515 χ^2/NDF: 9.2/15

Left Out: 1117.080+/-723.566 χ^2/NDF:0.0/0

Right Out: 465.576+/-256.646 χ^2/NDF: 16.5/18

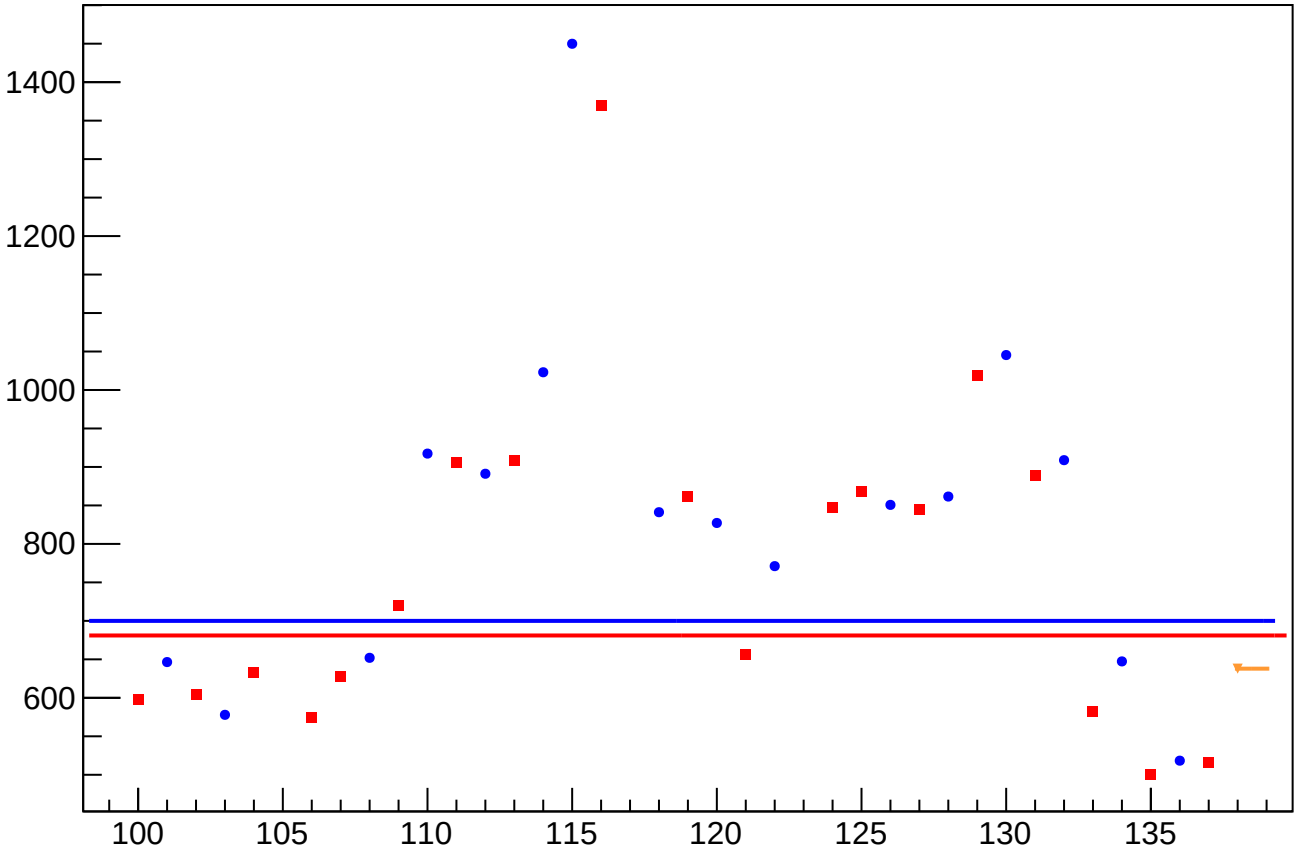
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -144.170+/-250.915 χ^2/NDF: 12.6/16

All: 153.820+/-179.416 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 699.973+/-0.189 χ^2/NDF: 753665.4/15

Left Out: 637.906+/-0.512 χ^2/NDF:0.0/0

Right Out: 681.016+/-0.181 χ^2/NDF: 769397.2/18

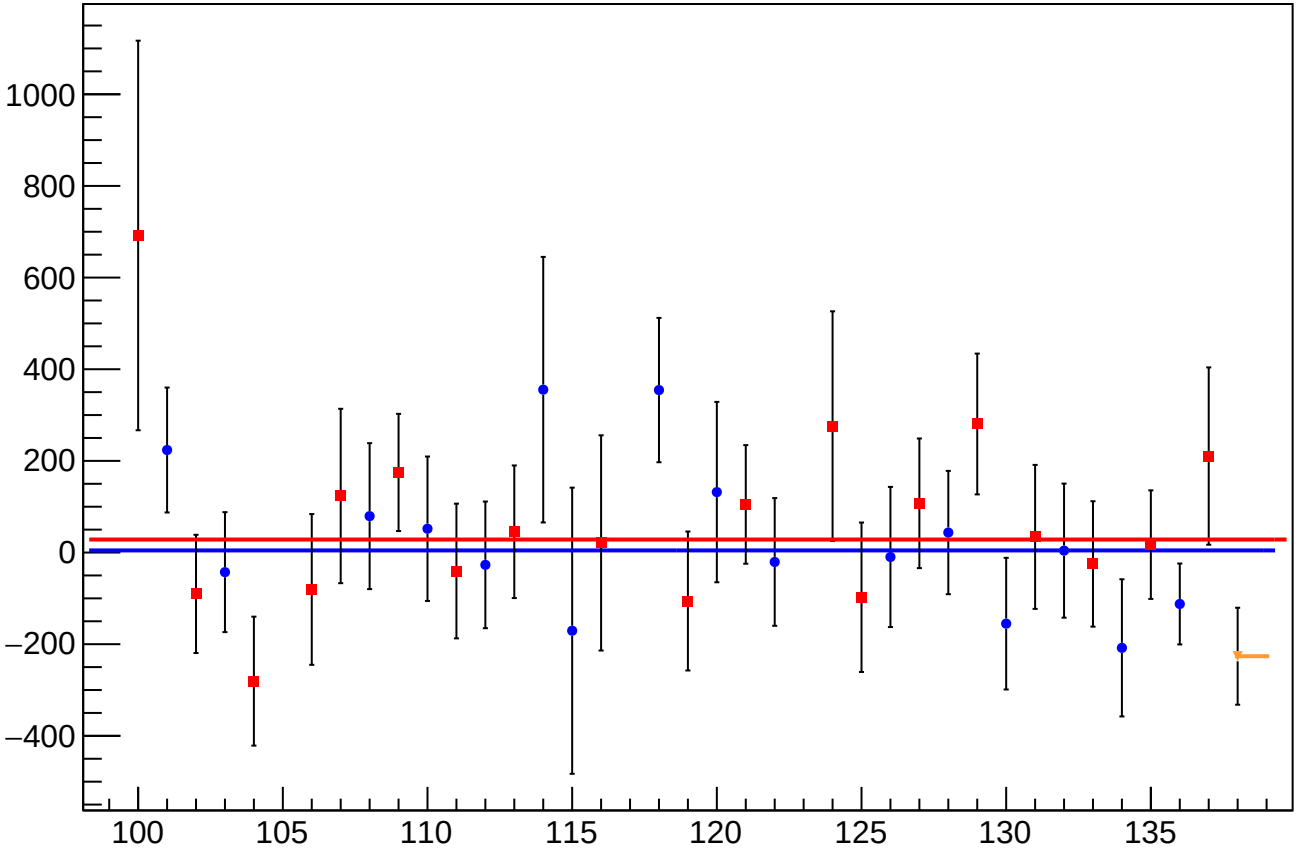
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 692.509+/-0.177 χ^2/NDF: 766611.8/16

All: 686.892+/-0.127 χ^2/NDF: 1538059.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 4.620+/-36.509 χ^2/NDF: 15.3/15

Left Out: -226.248+/-105.803 χ^2/NDF:0.0/0

Right Out: 28.407+/-35.465 χ^2/NDF: 17.1/18

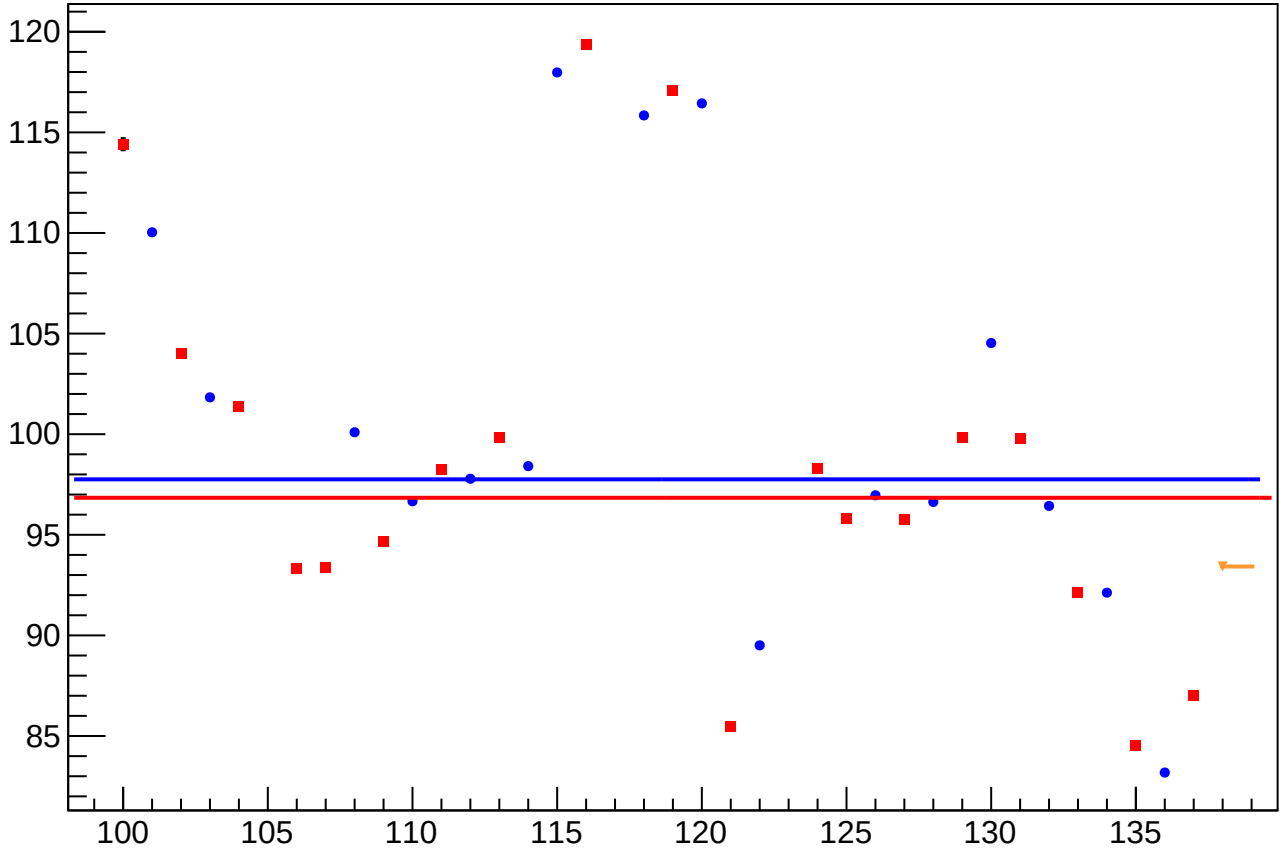
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -19.944+/-34.512 χ^2/NDF: 19.6/16

All: 3.573+/-24.734 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 97.756+/-0.026 χ^2/NDF: 140654.8/15

Left Out: 93.424+/-0.075 χ^2/NDF:0.0/0

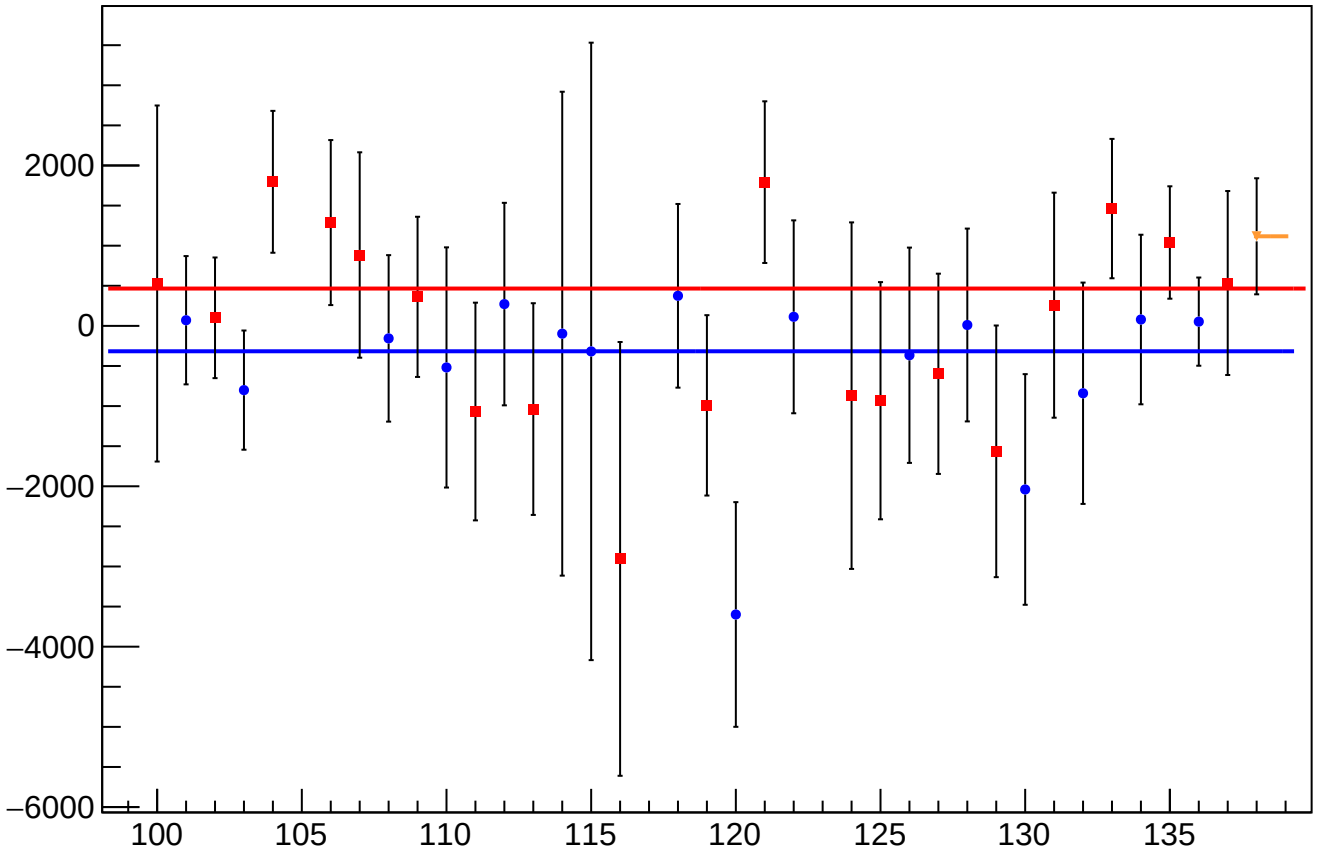
Right Out: 96.839+/-0.025 χ^2/NDF: 115173.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 97.295+/-0.024 χ^2/NDF: 143649.8/16

All: 97.073+/-0.017 χ^2/NDF: 258992.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -316.570+/-267.515 χ^2/NDF: 9.2/15

Left Out: 1117.082+/-723.568 χ^2/NDF:0.0/0

Right Out: 465.576+/-256.645 χ^2/NDF: 16.5/18

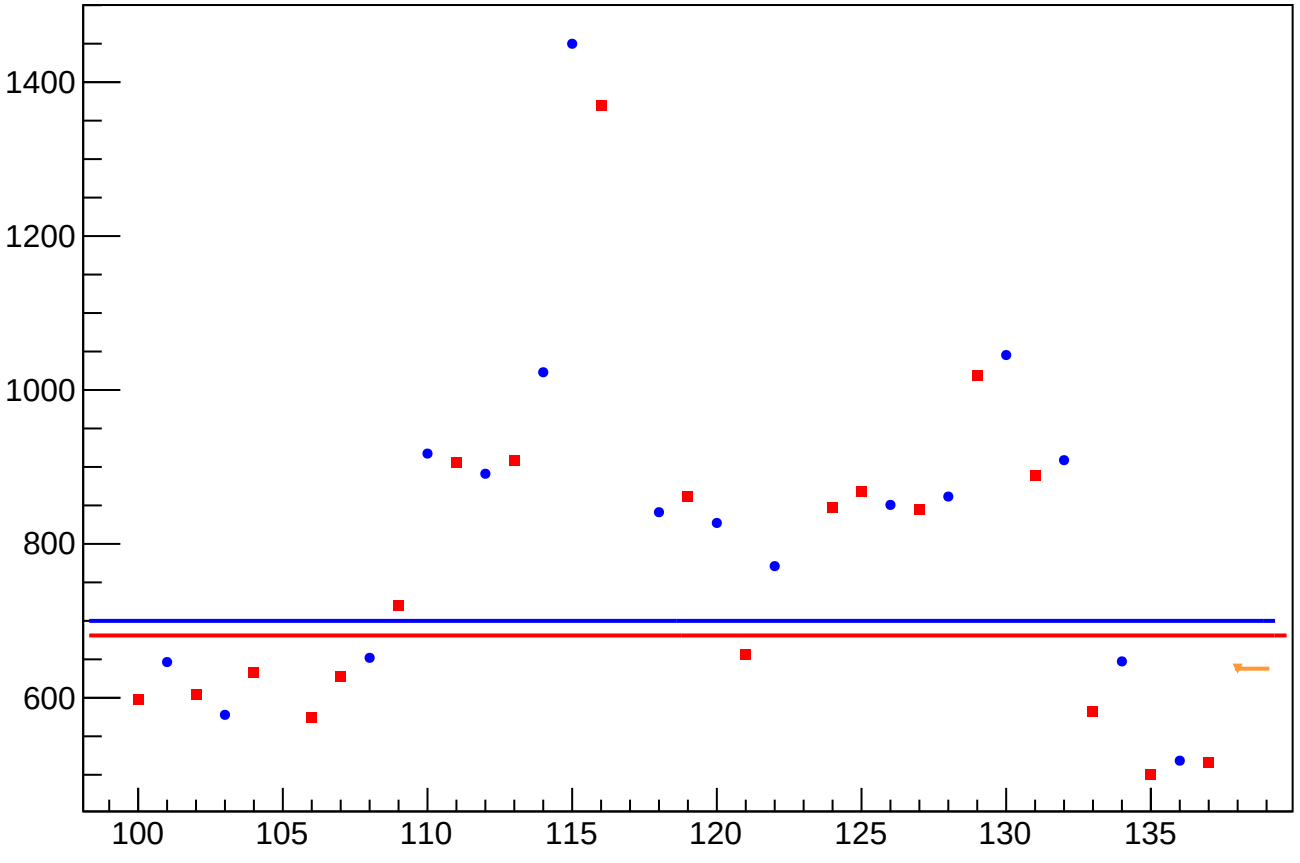
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -144.170+/-250.915 χ^2/NDF: 12.6/16

All: 153.820+/-179.415 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 699.971+/-0.189 χ^2/NDF: 753668.1/15

Left Out: 637.908+/-0.512 χ^2/NDF:0.0/0

Right Out: 681.015+/-0.181 χ^2/NDF: 769400.5/18

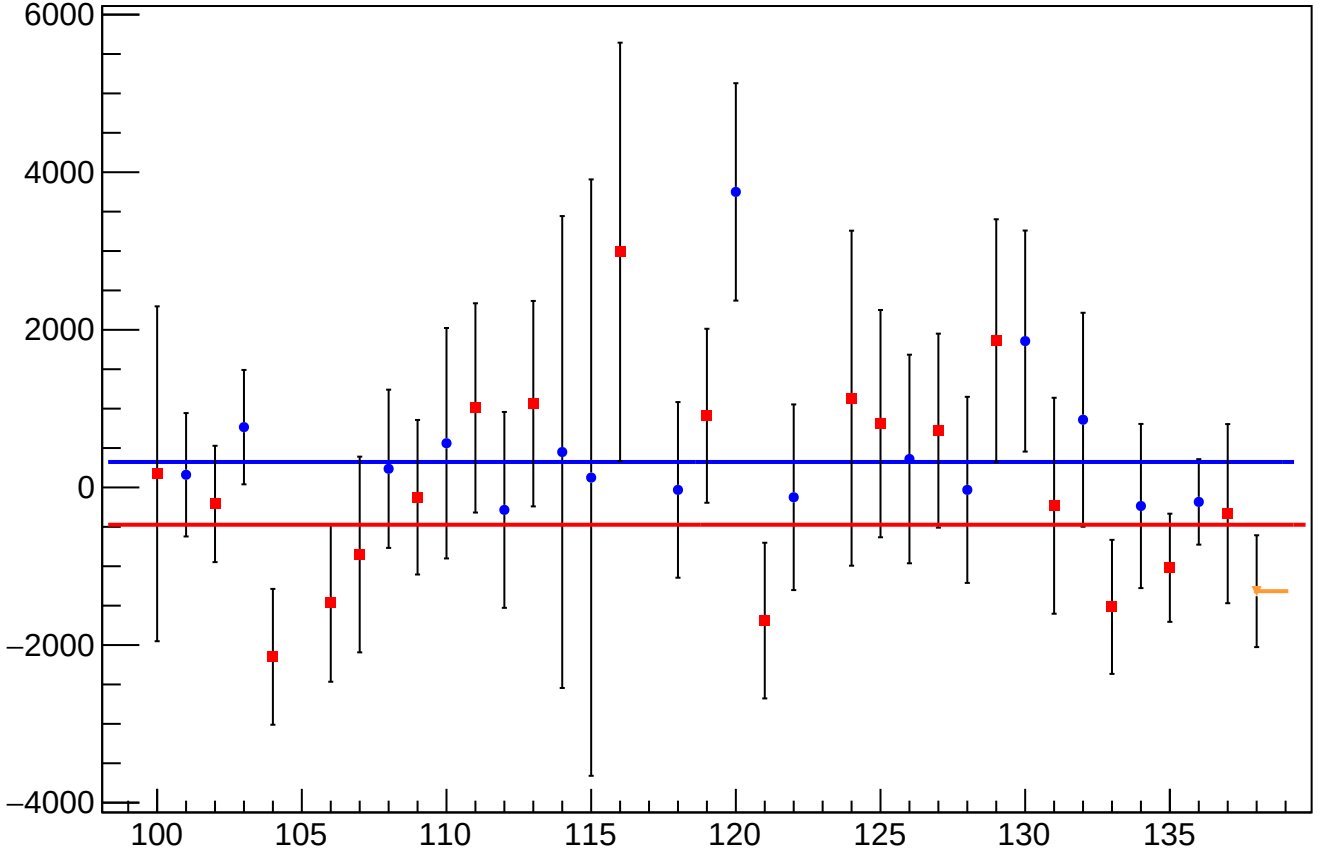
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 692.508+/-0.177 χ^2/NDF: 766613.0/16

All: 686.891+/-0.127 χ^2/NDF: 1538064.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 323.198+/-262.332 χ^2/NDF: 9.7/15

Left Out: -1316.387+/-709.556 χ^2/NDF:0.0/0

Right Out: -473.233+/-251.330 χ^2/NDF: 19.4/18

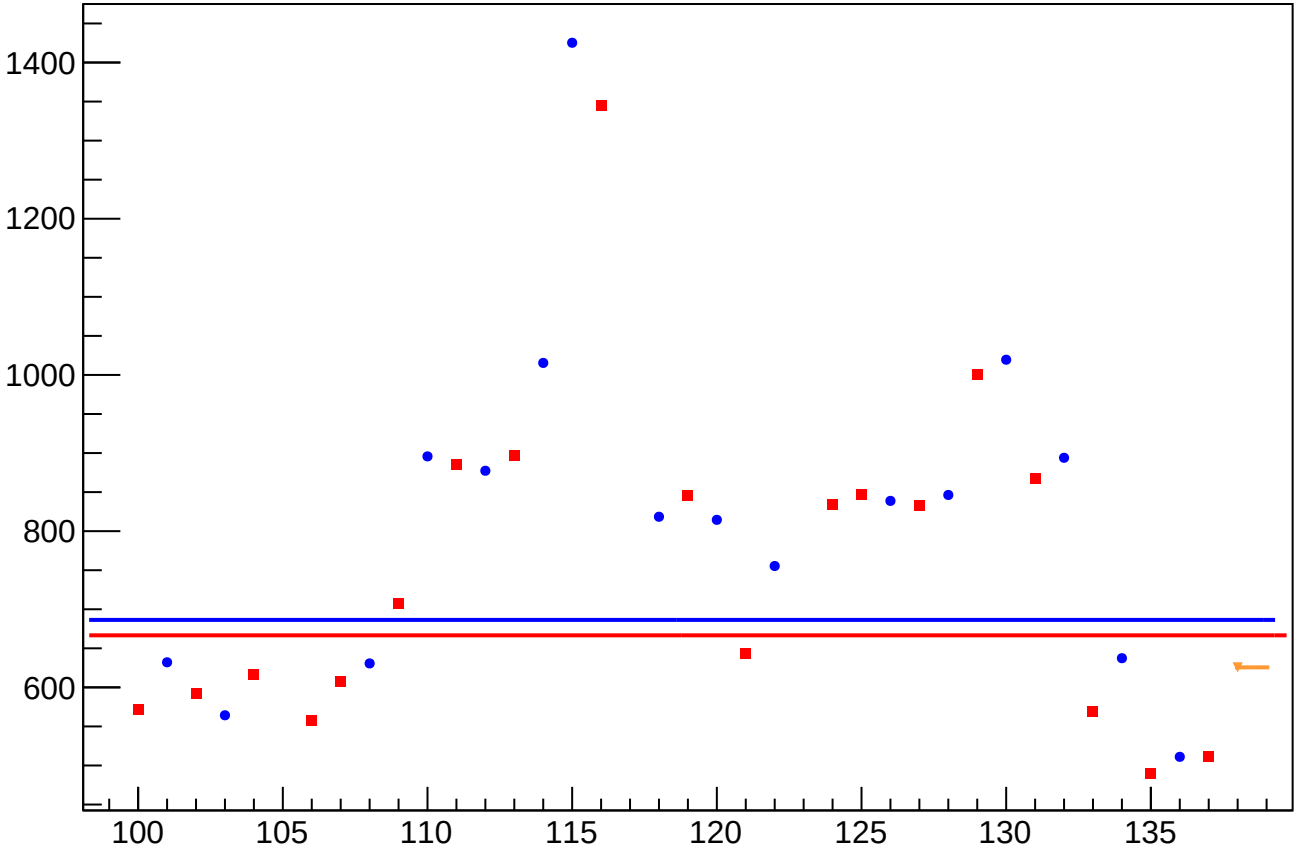
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 126.036+/-246.055 χ^2/NDF: 14.4/16

All: -167.243+/-175.822 χ^2/NDF: 36.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 686.394+/-0.185 χ^2/NDF: 749454.8/15

Left Out: 625.625+/-0.502 χ^2/NDF:0.0/0

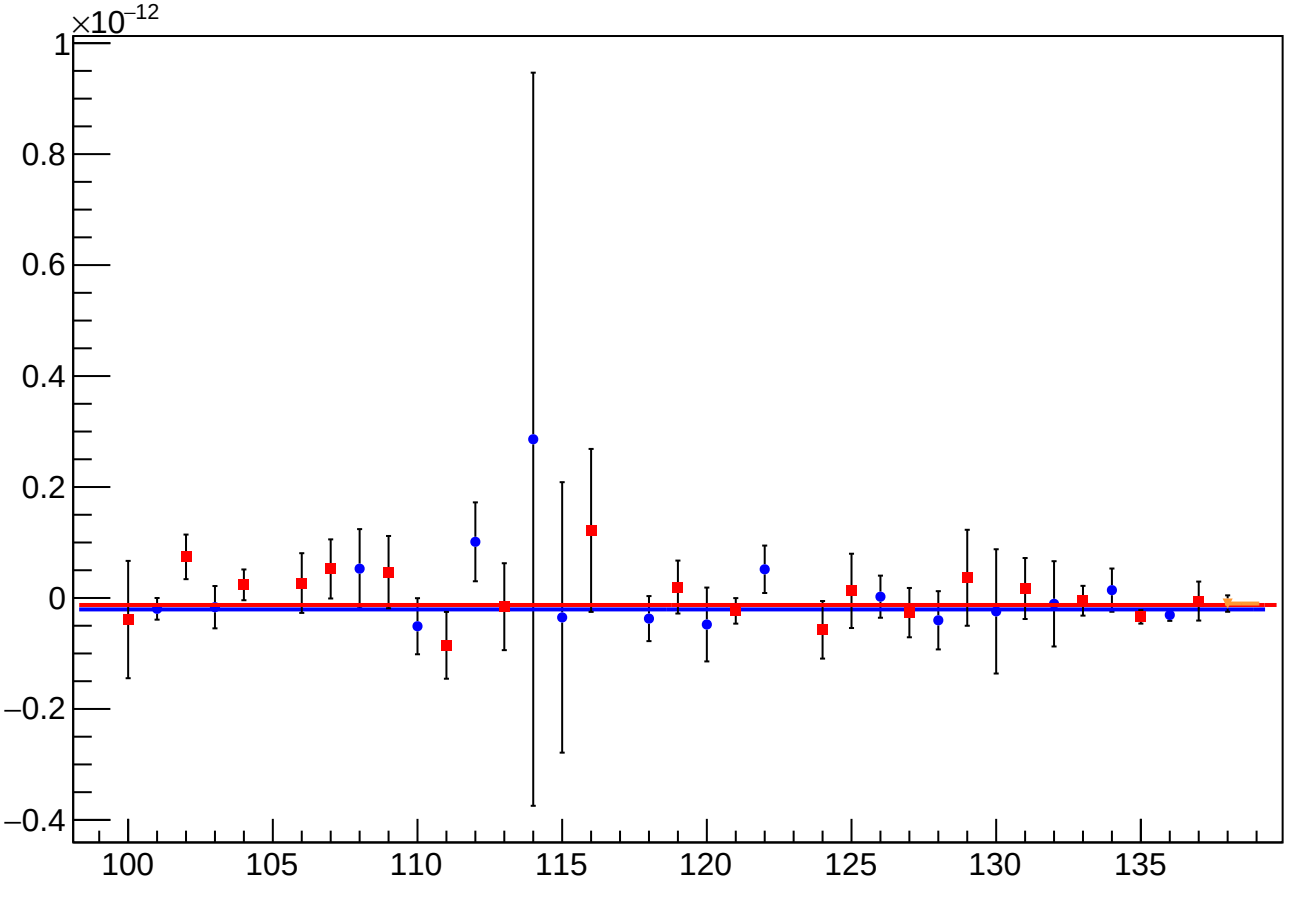
Right Out: 666.634+/-0.178 χ^2/NDF: 777033.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 679.087+/-0.174 χ^2/NDF: 762360.5/16

All: 672.993+/-0.124 χ^2/NDF: 1541900.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 10.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

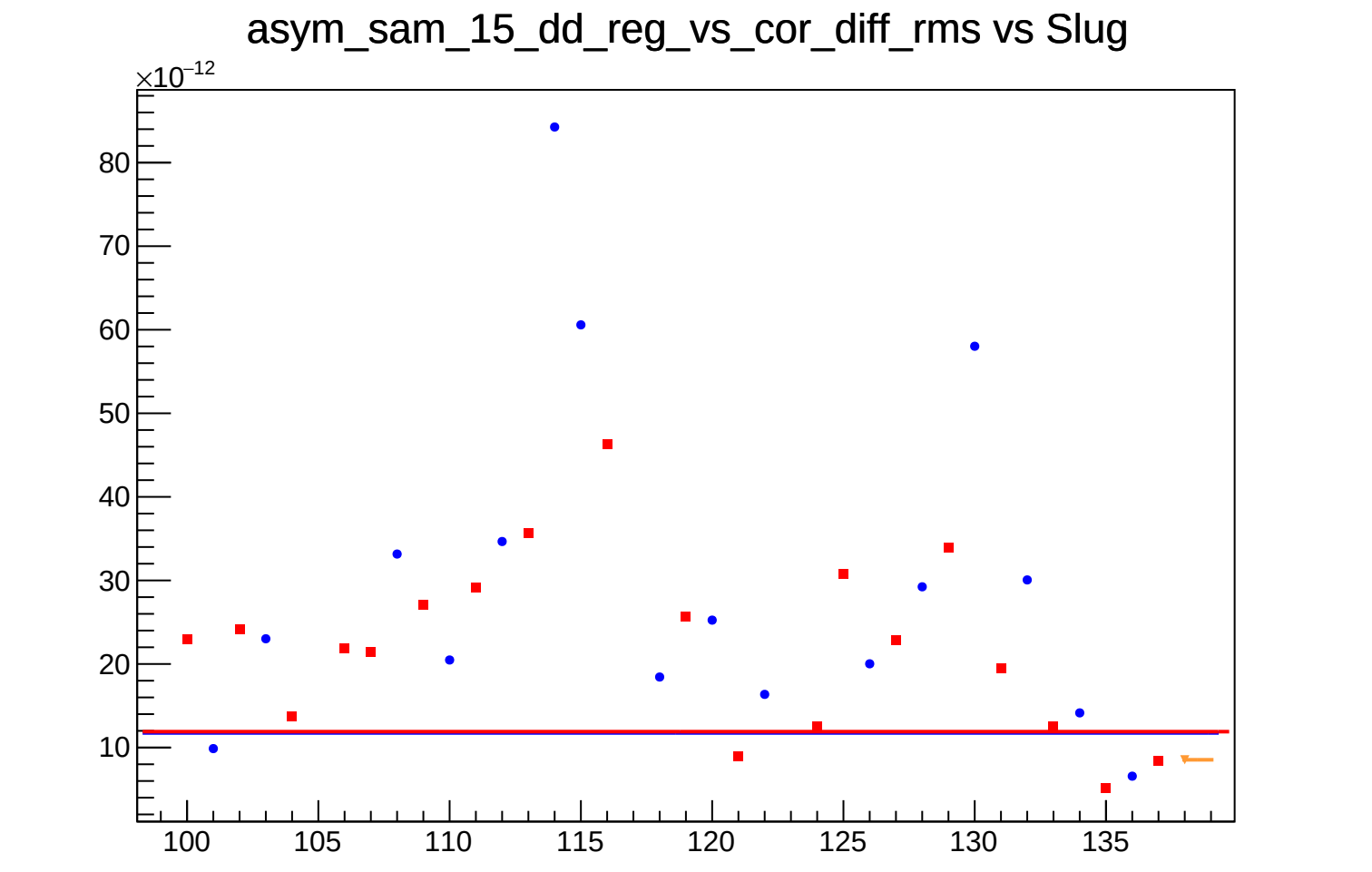
Right Out: -0.000+/-0.000 χ^2/NDF: 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

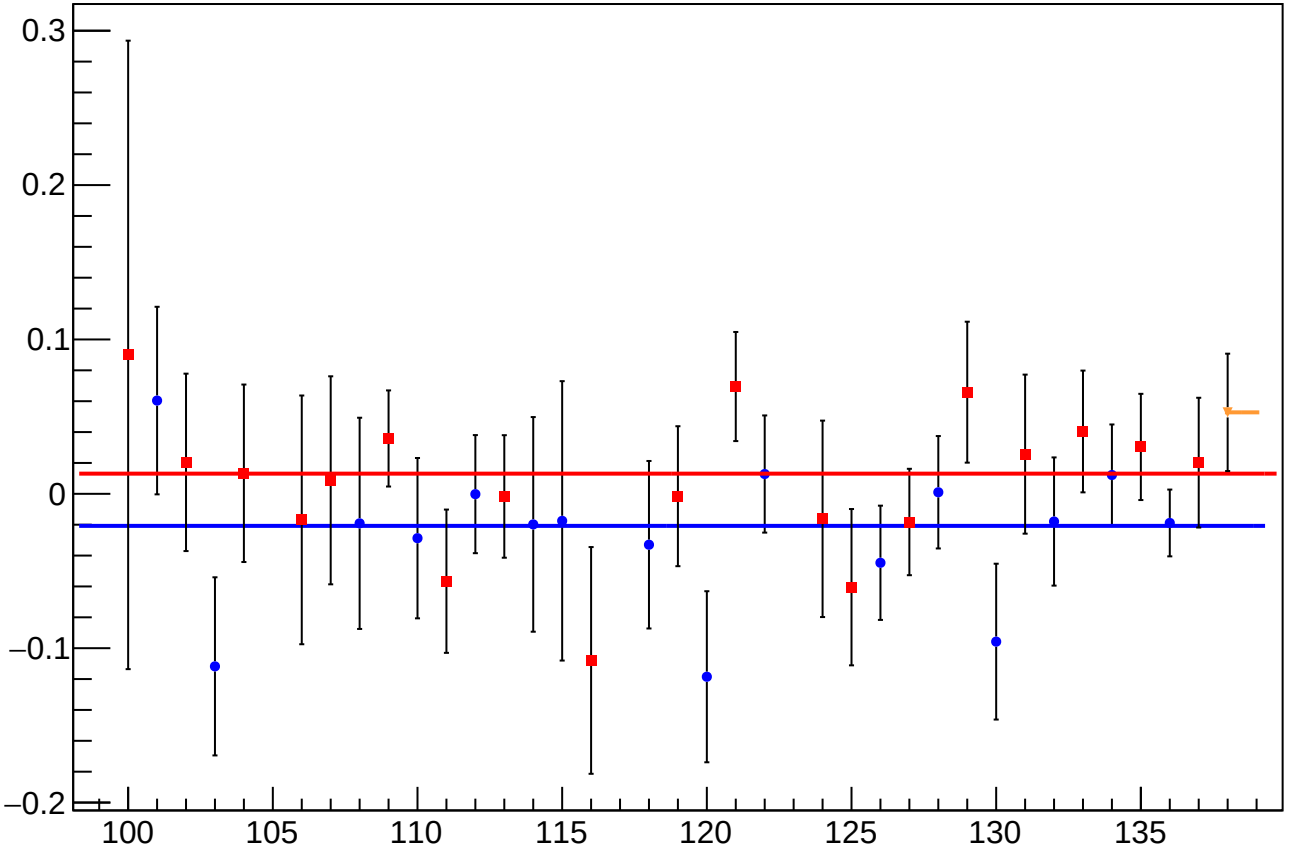
+ sign -0.000+/-0.000 χ^2/NDF: 10.4/16

All: -0.000+/-0.000 χ^2/NDF: 27.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug
×10^−12
80
70
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2161176.0/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2202451.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2234928.9/16
All: 0.000+/-0.000 χ²/NDF: 4450743.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.021+/-0.011 χ^2/NDF: 12.5/15

Left Out: 0.053+/-0.038 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.011 χ^2/NDF: 13.9/18

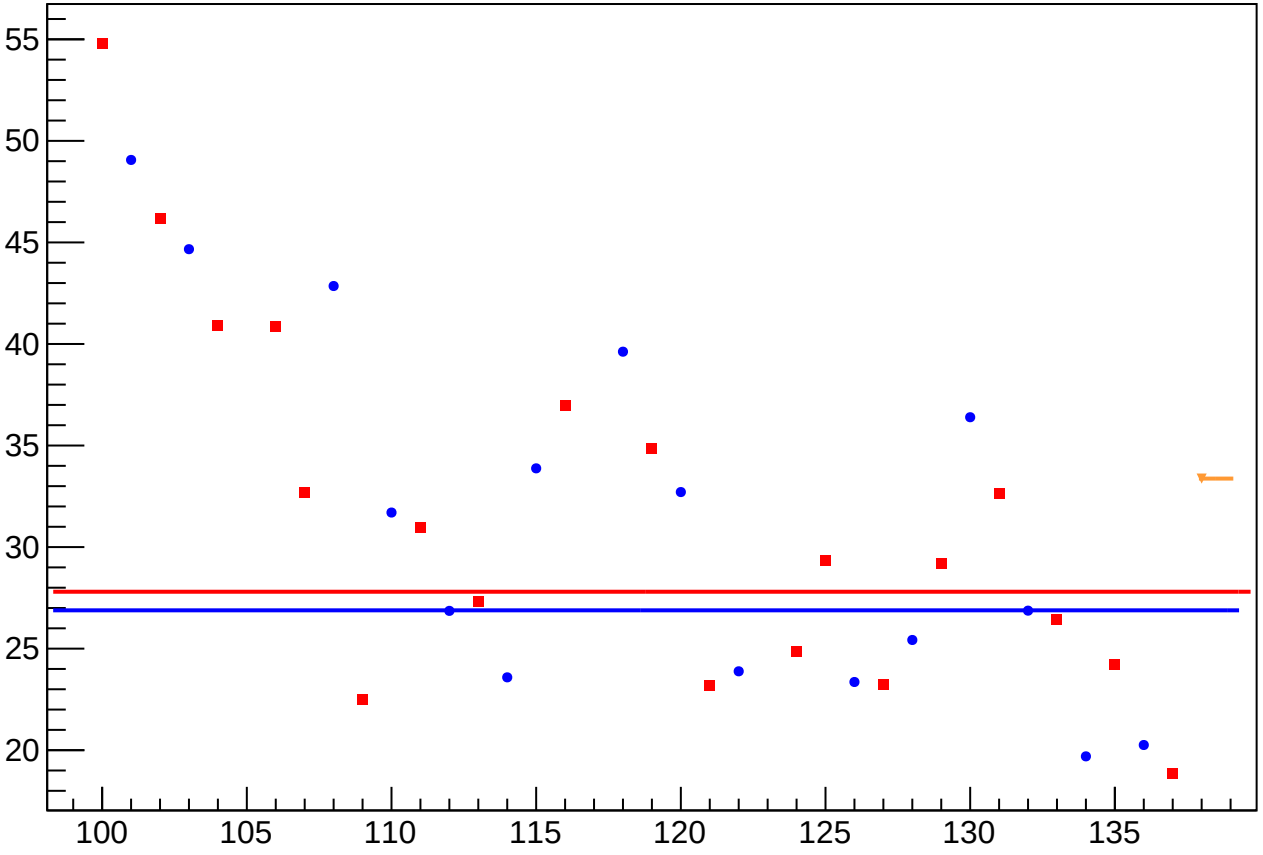
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.016+/-0.010 χ^2/NDF: 16.0/16

All: -0.002+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 26.886+/-0.007 χ^2/NDF: 1120557.7/15

Left Out: 33.373+/-0.027 χ^2/NDF:0.0/0

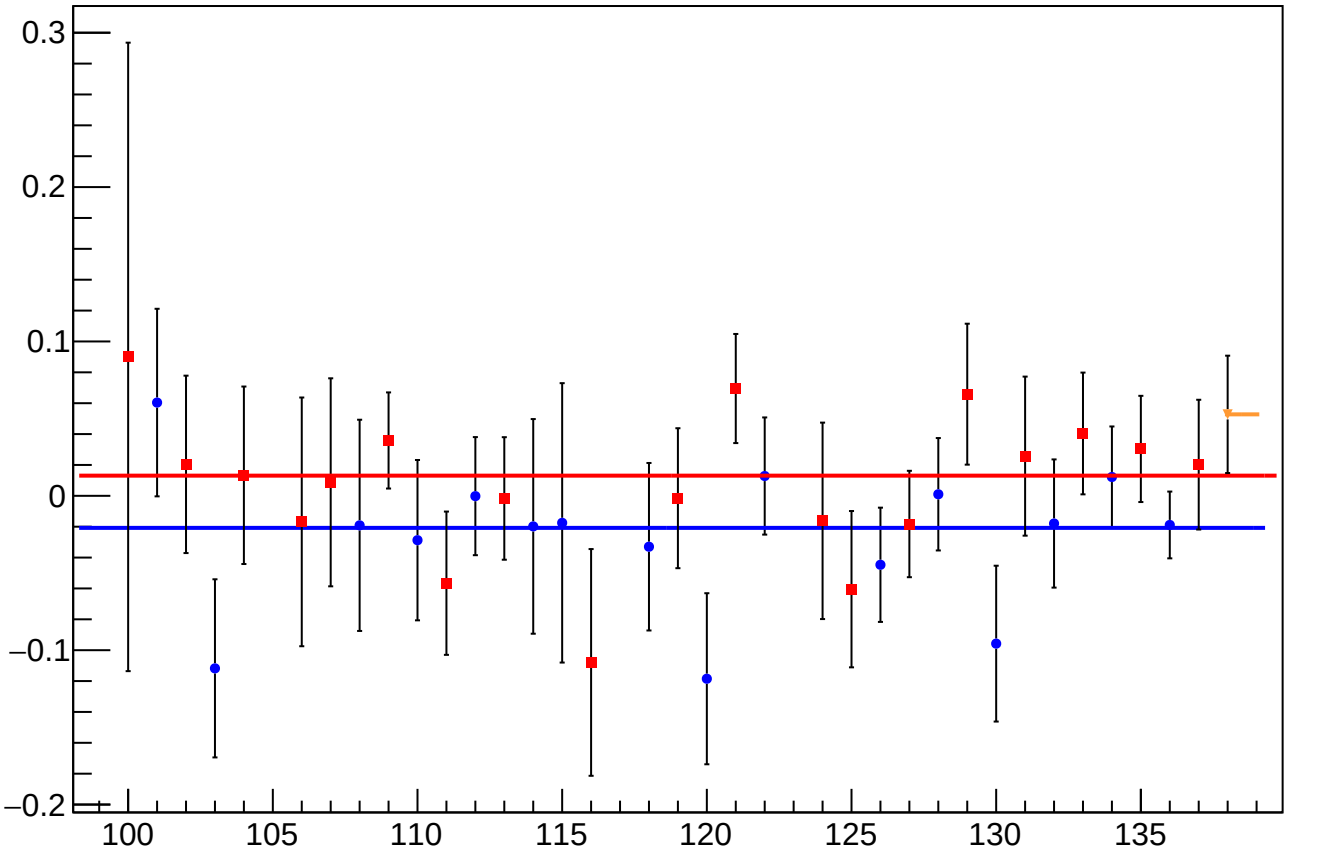
Right Out: 27.802+/-0.007 χ^2/NDF: 763106.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.347+/-0.007 χ^2/NDF: 1174663.0/16

All: 27.565+/-0.005 χ^2/NDF: 1939705.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.011 χ^2/NDF: 12.5/15

Left Out: 0.053+/-0.038 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.011 χ^2/NDF: 13.9/18

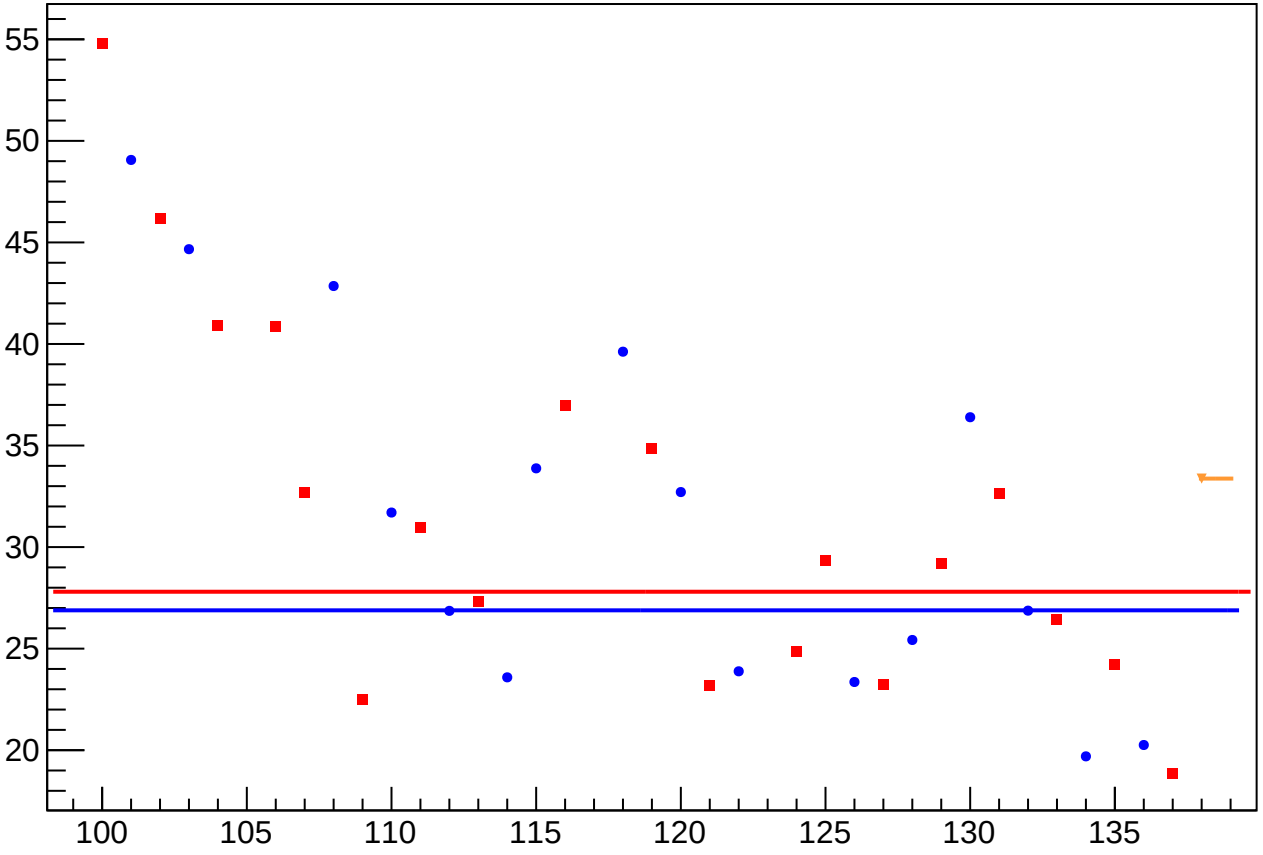
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.016+/-0.010 χ^2/NDF: 16.0/16

All: -0.002+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.886+/-0.007 χ^2/NDF: 1120557.7/15

Left Out: 33.373+/-0.027 χ^2/NDF:0.0/0

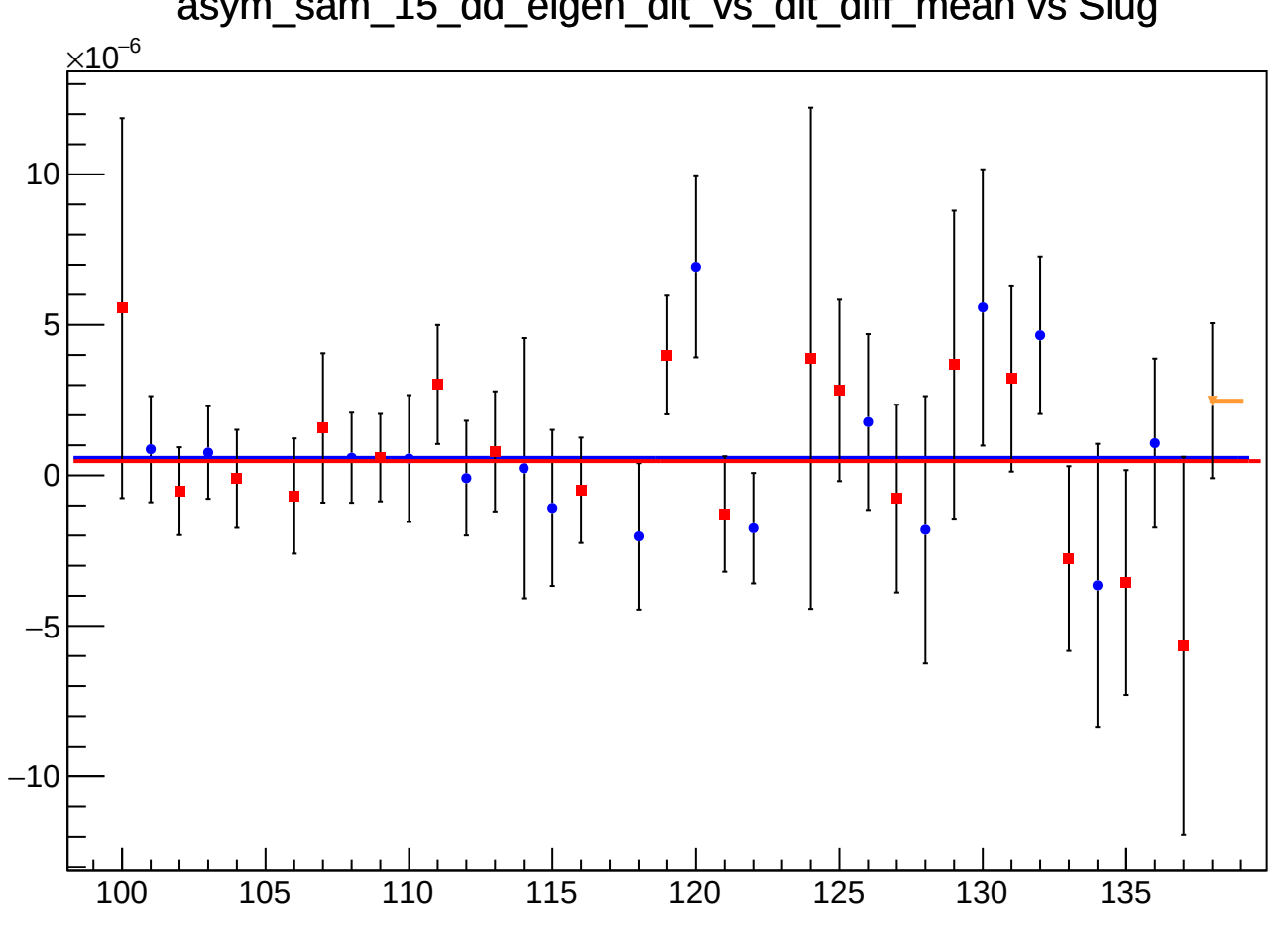
Right Out: 27.802+/-0.007 χ^2/NDF: 763106.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.347+/-0.007 χ^2/NDF: 1174663.0/16

All: 27.565+/-0.005 χ^2/NDF: 1939705.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 12.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

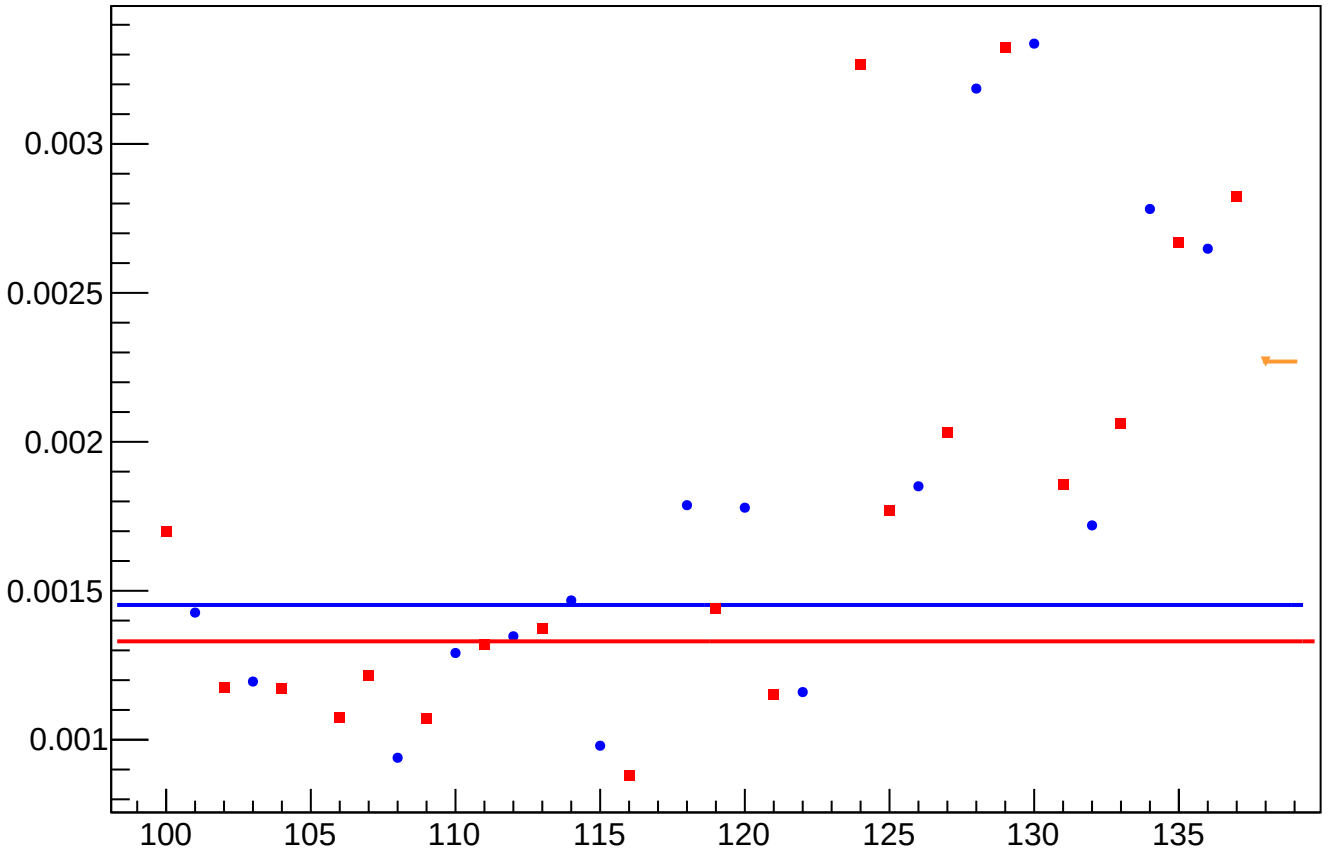
Right Out: 0.000+/-0.000 χ^2/NDF: 13.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 13.2/16

All: 0.000+/-0.000 χ^2/NDF: 26.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 1710487.9/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

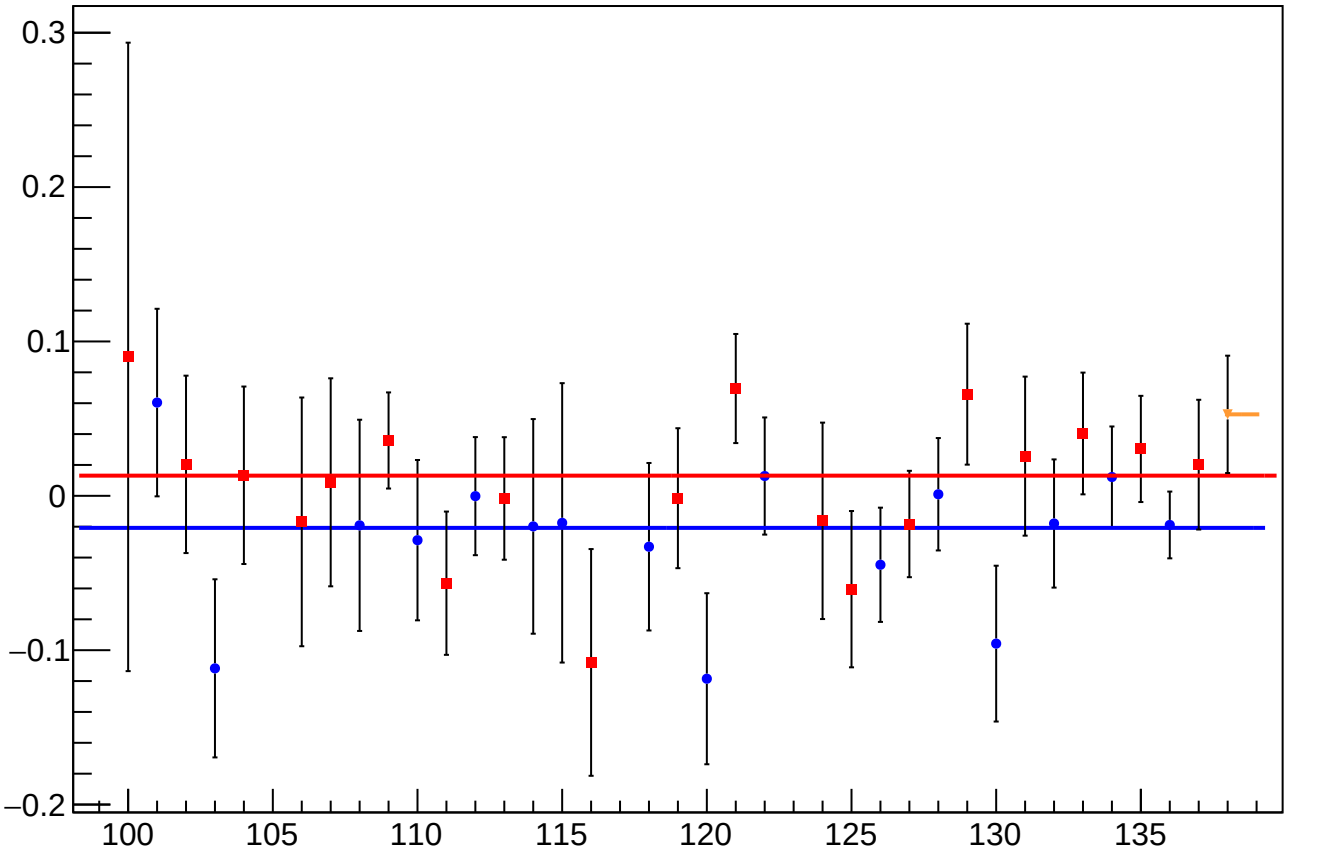
Right Out: 0.001+/-0.000 χ^2/NDF: 1402821.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 1902330.2/16

All: 0.001+/-0.000 χ^2/NDF: 3393828.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.011 χ^2/NDF: 12.5/15

Left Out: 0.053+/-0.038 χ^2/NDF:0.0/0

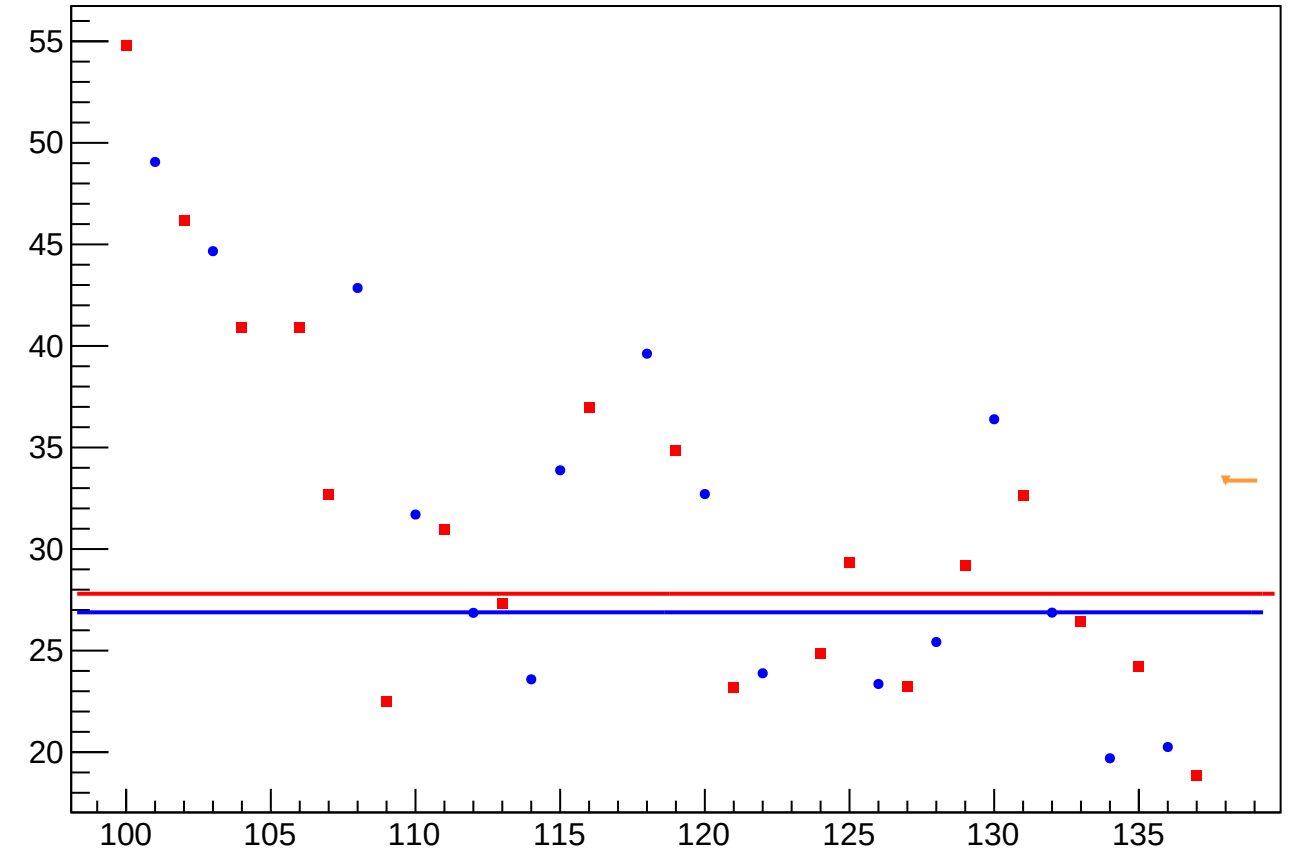
Right Out: 0.013+/-0.011 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.016+/-0.010 χ^2/NDF: 16.0/16

All: -0.002+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 26.885+/-0.007 χ^2/NDF: 1120567.7/15

Left Out: 33.374+/-0.027 χ^2/NDF:0.0/0

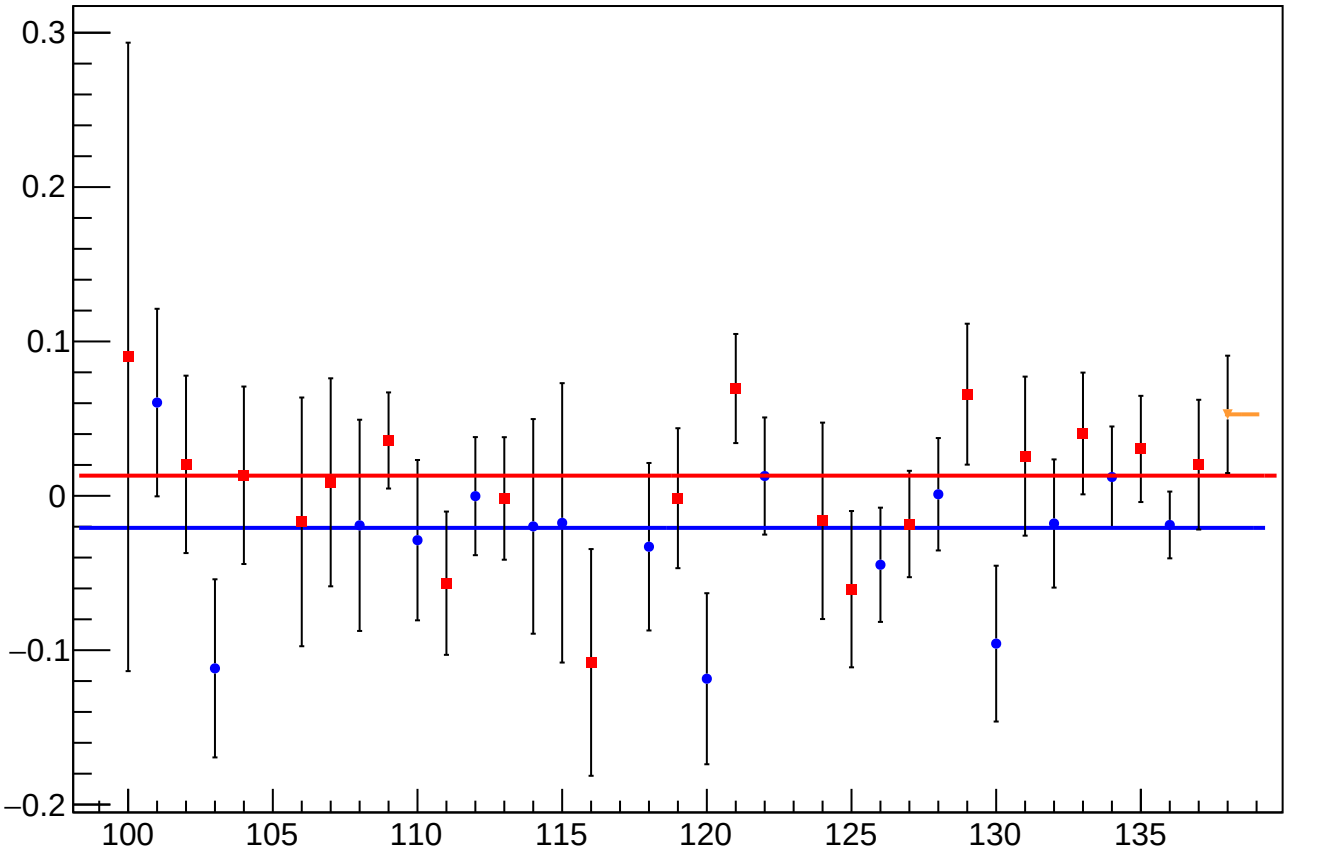
Right Out: 27.800+/-0.007 χ^2/NDF: 763213.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.346+/-0.007 χ^2/NDF: 1174706.9/16

All: 27.564+/-0.005 χ^2/NDF: 1939852.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.021+/-0.011 χ^2/NDF: 12.5/15

Left Out: 0.053+/-0.038 χ^2/NDF:0.0/0

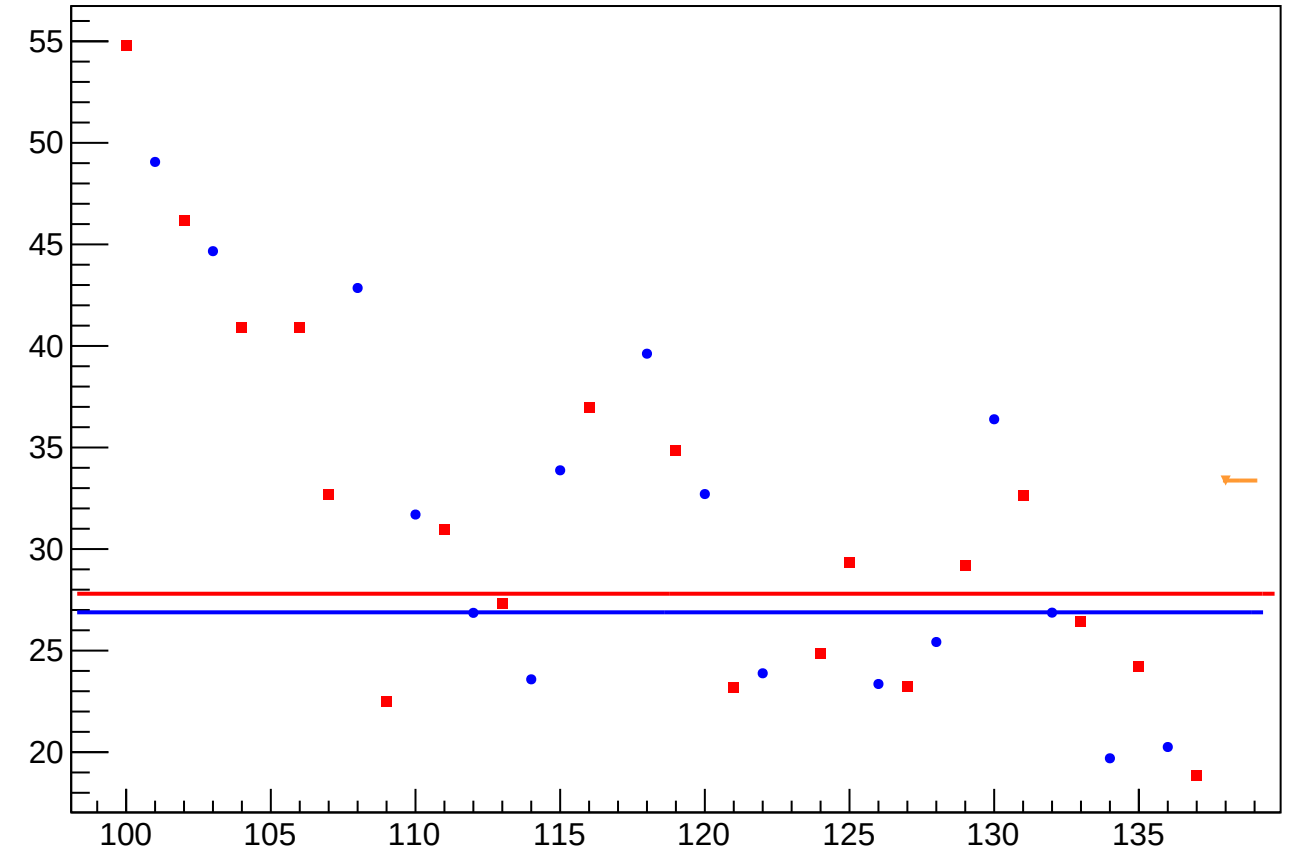
Right Out: 0.013+/-0.011 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.016+/-0.010 χ^2/NDF: 16.0/16

All: -0.002+/-0.007 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 26.885+/-0.007 χ^2/NDF: 1120567.7/15

Left Out: 33.374+/-0.027 χ^2/NDF:0.0/0

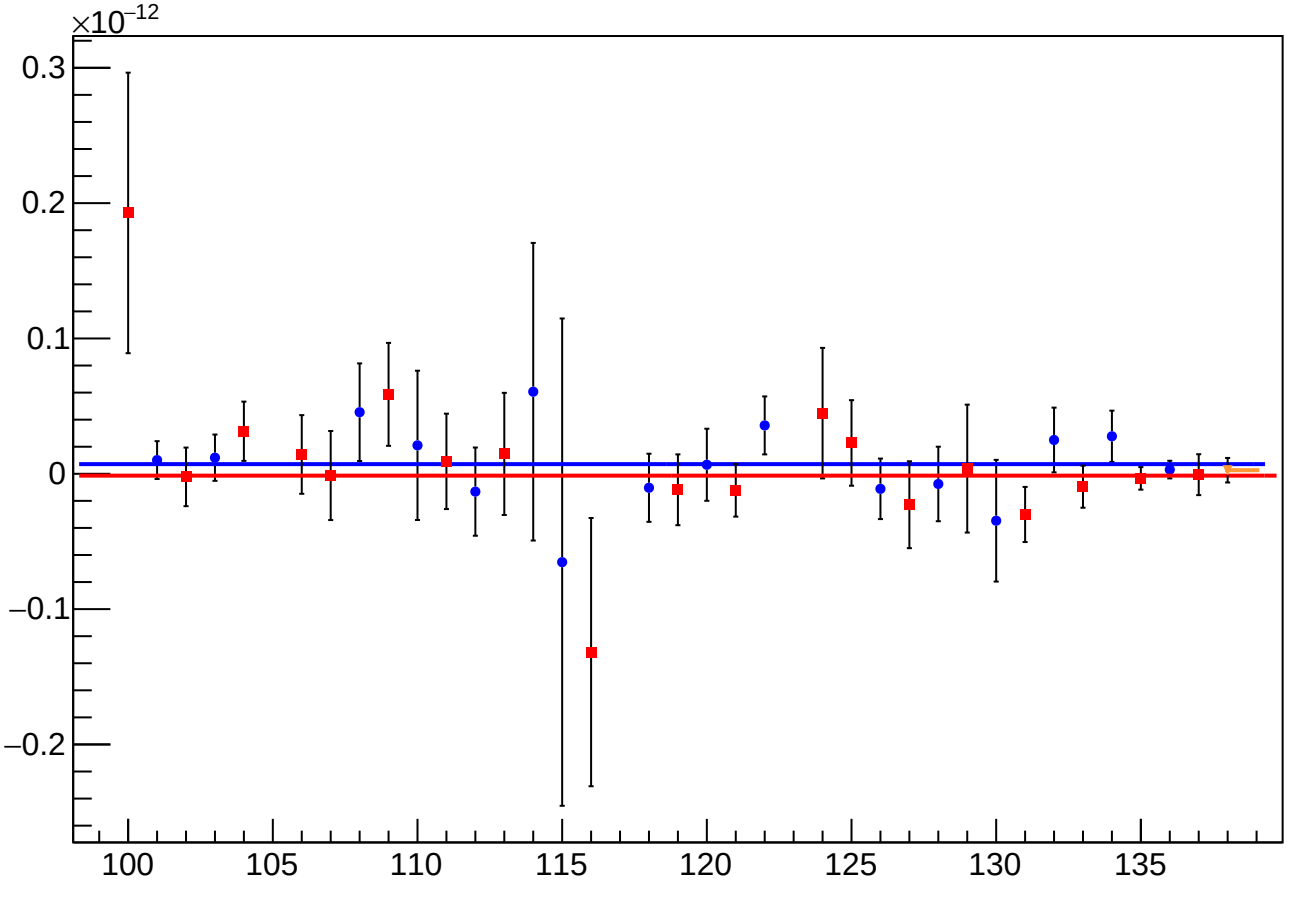
Right Out: 27.800+/-0.007 χ^2/NDF: 763213.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.346+/-0.007 χ^2/NDF: 1174706.9/16

All: 27.564+/-0.005 χ^2/NDF: 1939852.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 8.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

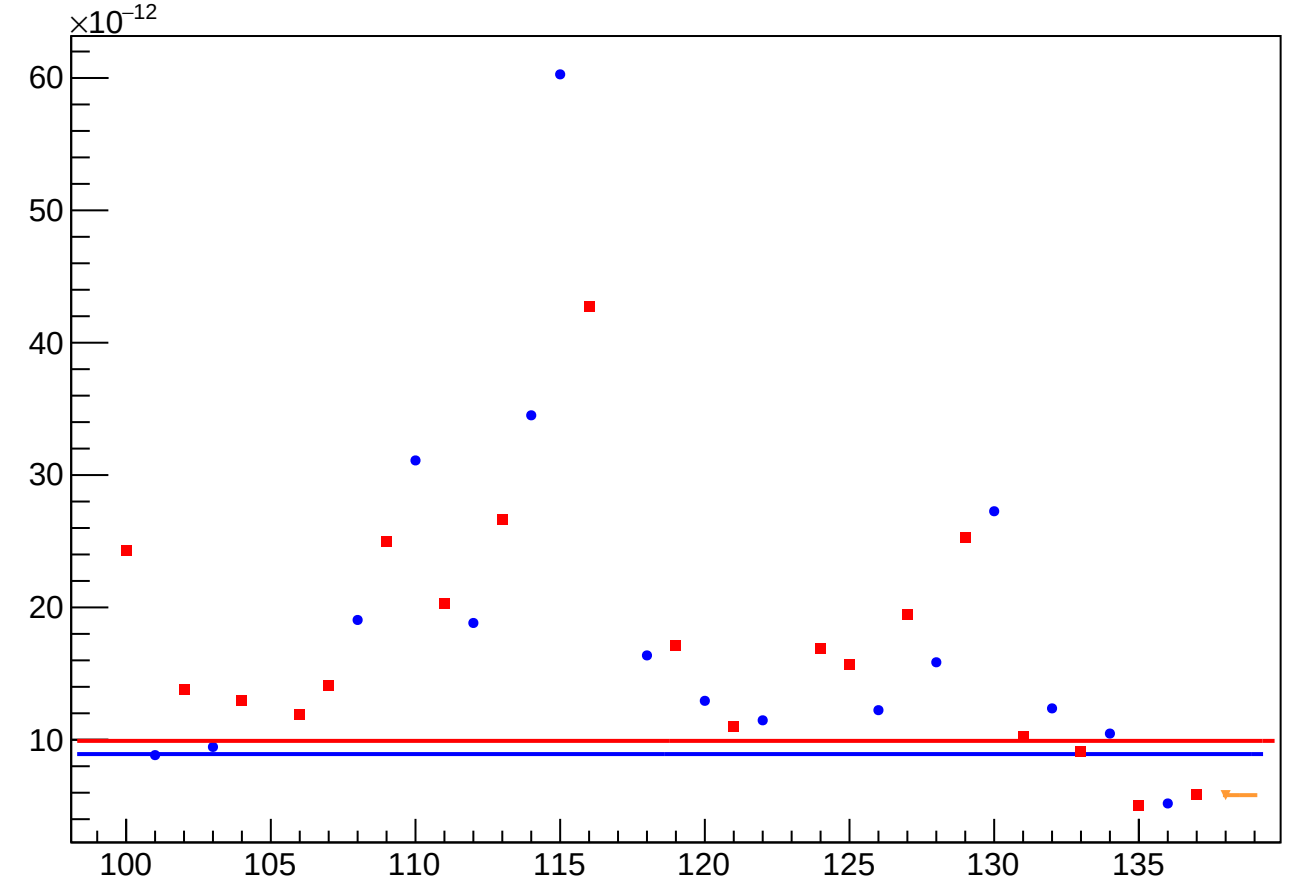
Right Out: -0.000+/-0.000 χ^2/NDF: 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 8.5/16

All: 0.000+/-0.000 χ^2/NDF: 25.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2402804.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2669812.1/18

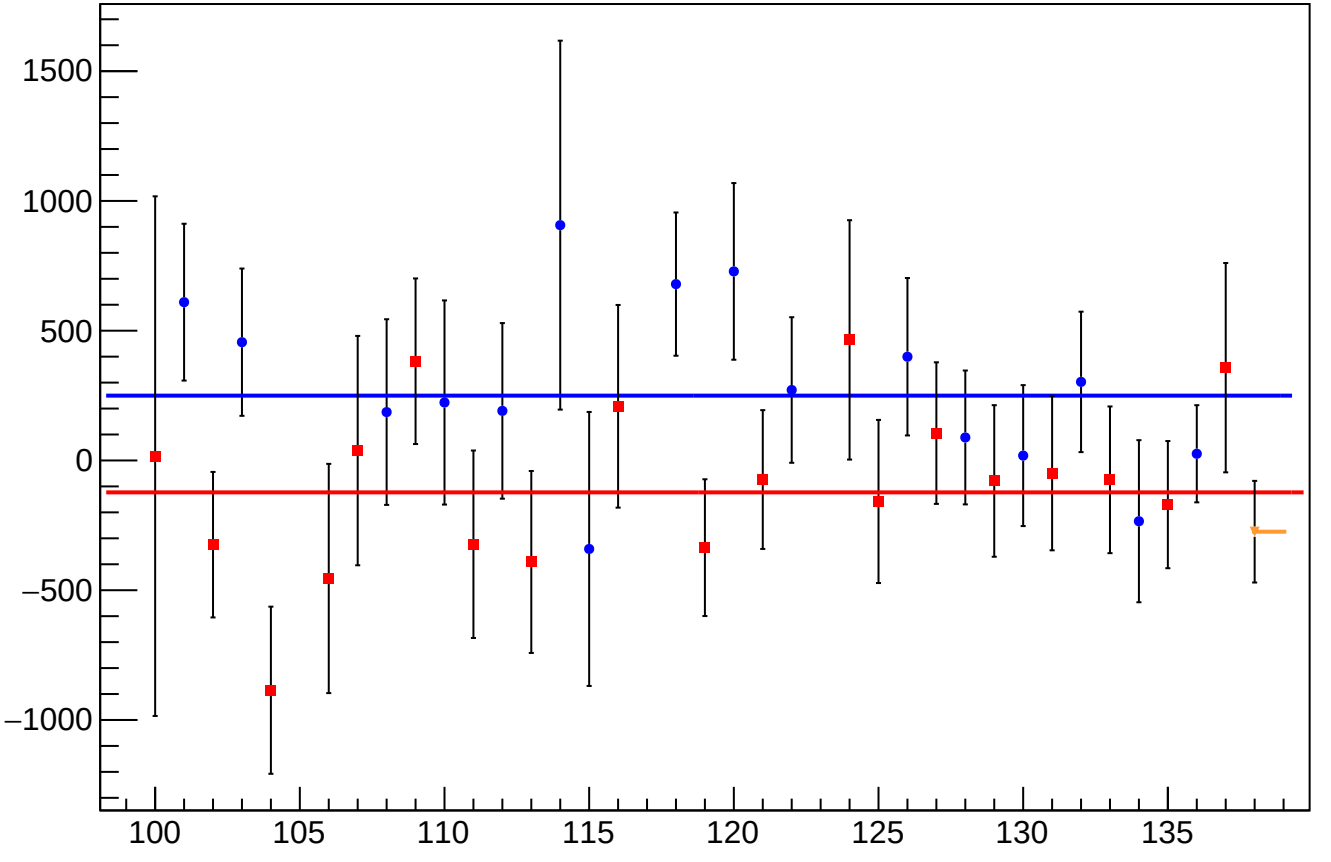
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2589472.8/16

All: 0.000+/-0.000 χ^2/NDF: 5387904.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 249.761+/-74.877 χ^2/NDF: 13.8/15

Left Out: -274.473+/-195.845 χ^2/NDF:0.0/0

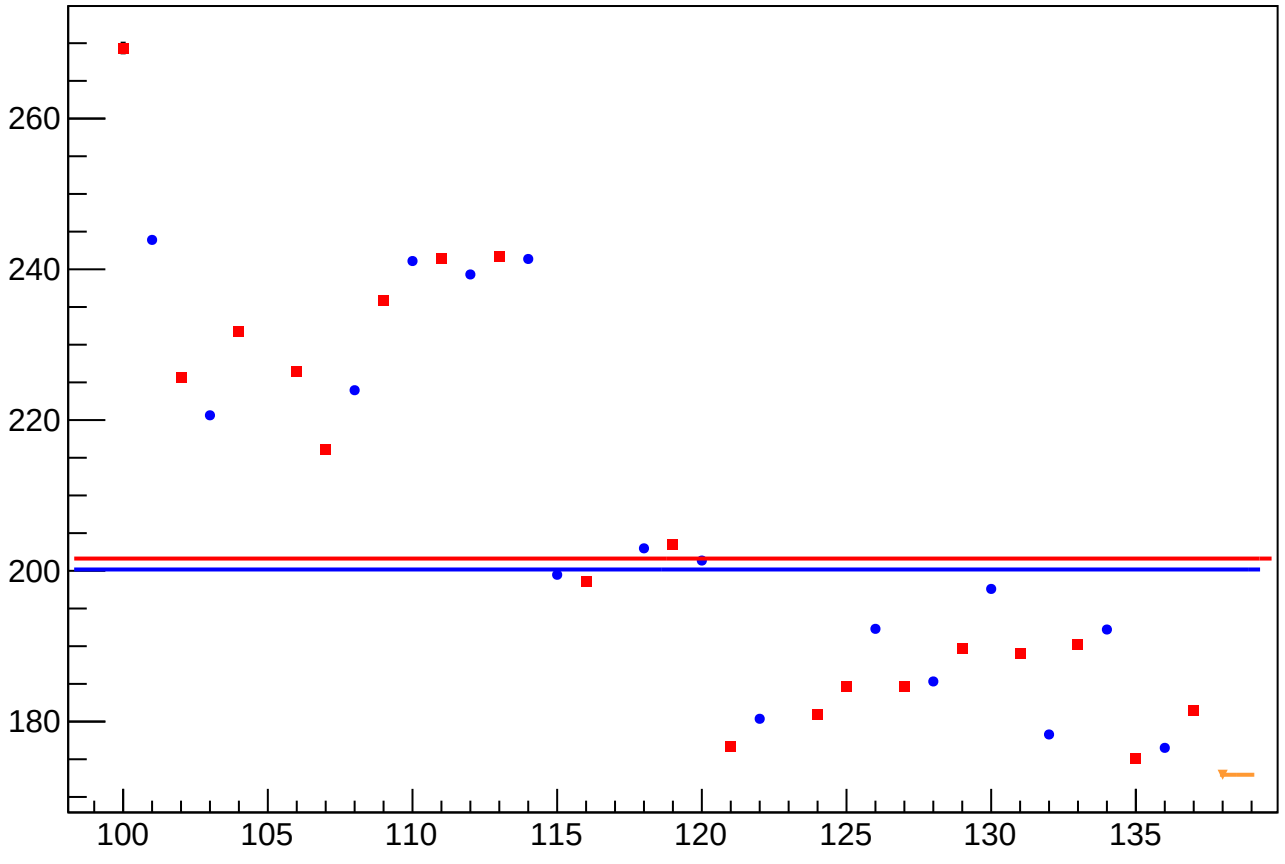
Right Out: -122.993+/-74.370 χ^2/NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 182.904+/-69.940 χ^2/NDF: 20.0/16

All: 39.337+/-50.949 χ^2/NDF: 44.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 200.177+/-0.053 χ^2/NDF: 181001.3/15

Left Out: 172.945+/-0.138 χ^2/NDF:0.0/0

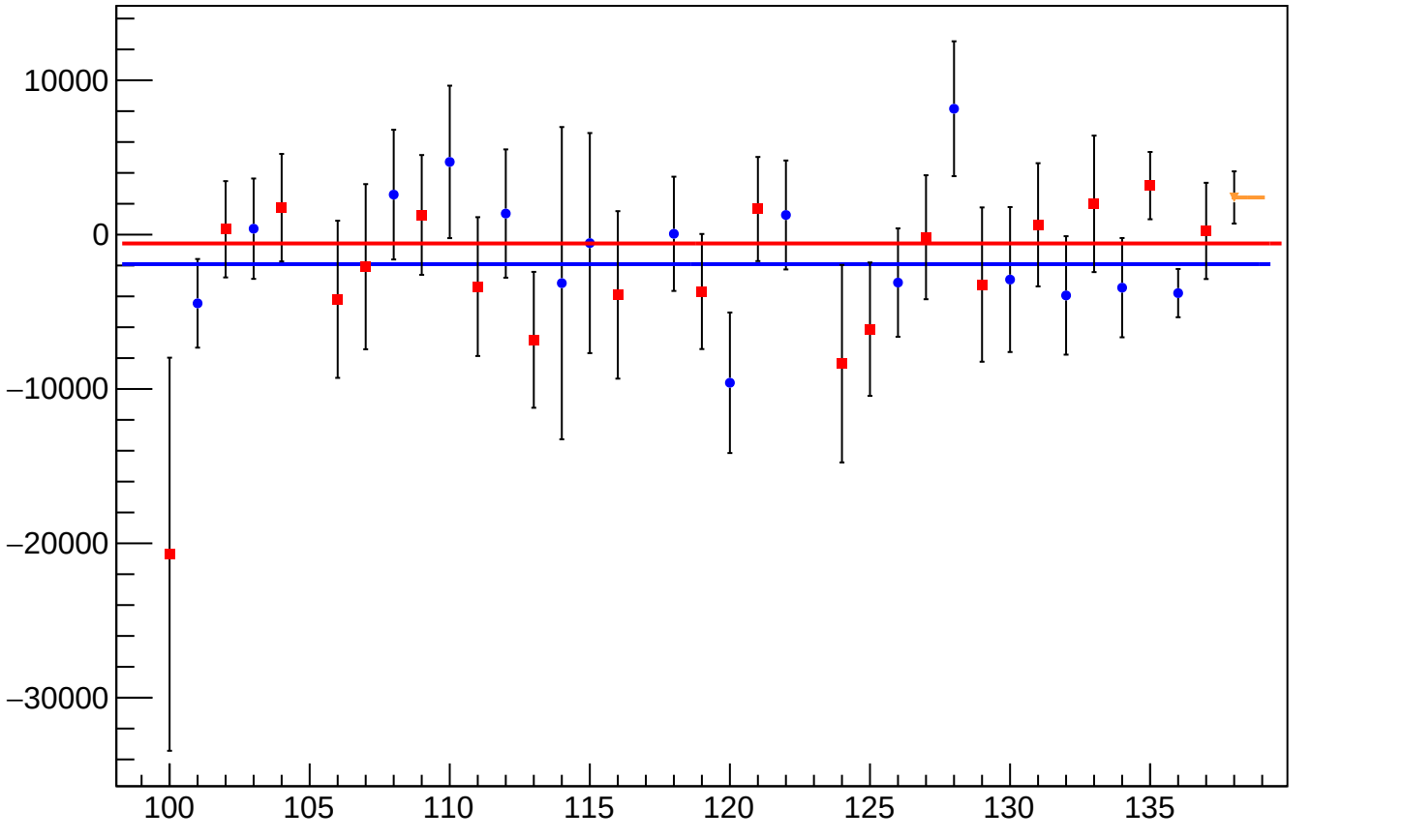
Right Out: 201.627+/-0.053 χ^2/NDF: 197245.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.704+/-0.049 χ^2/NDF: 214738.7/16

All: 199.014+/-0.036 χ^2/NDF: 416635.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1910.348+/-859.088 χ^2/NDF: 16.3/15

Left Out: 2408.765+/-1691.197 χ^2/NDF:0.0/0

Right Out: -570.946+/-900.451 χ^2/NDF: 14.6/18

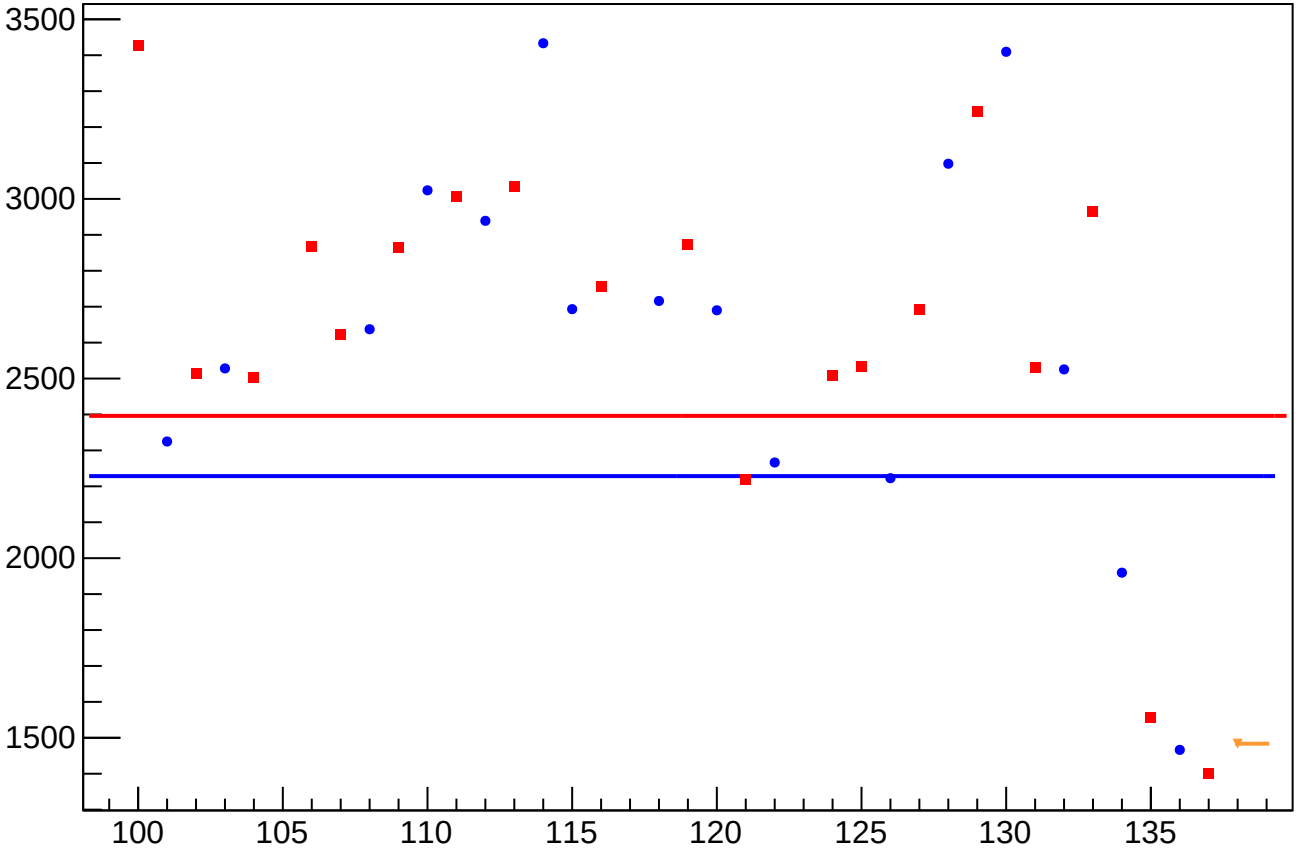
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1024.445+/-765.932 χ^2/NDF: 21.4/16

All: -834.067+/-583.418 χ^2/NDF: 36.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2228.431+/-0.607 χ^2/NDF: 947654.8/15

Left Out: 1483.618+/-1.196 χ^2/NDF:0.0/0

Right Out: 2396.080+/-0.637 χ^2/NDF: 799442.5/18

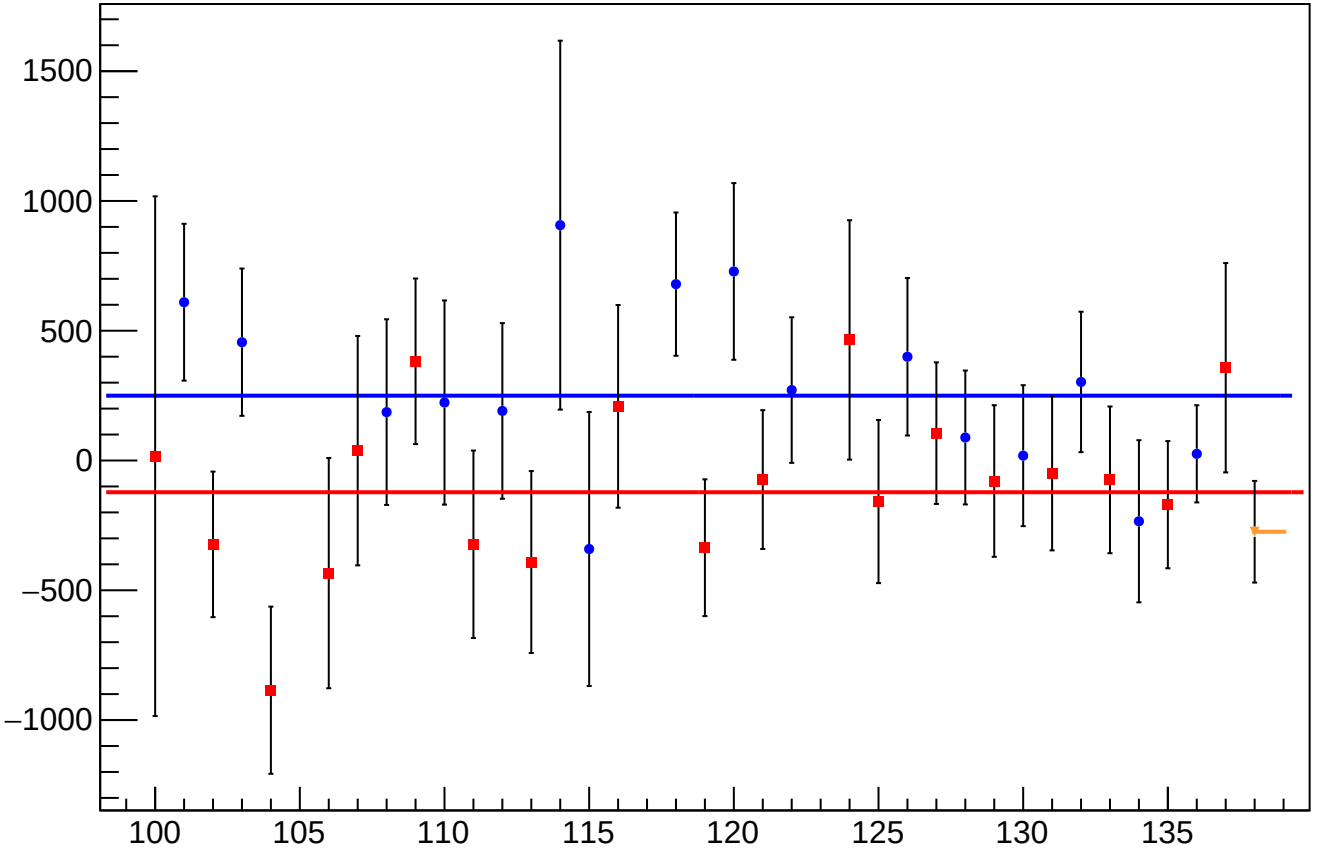
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2075.661+/-0.542 χ^2/NDF: 1256003.6/16

All: 2210.172+/-0.413 χ^2/NDF: 2202381.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_26_dd_mean vs Slug



Right In: 249.764+/-74.877 χ^2/NDF: 13.8/15

Left Out: -274.470+/-195.845 χ^2/NDF:0.0/0

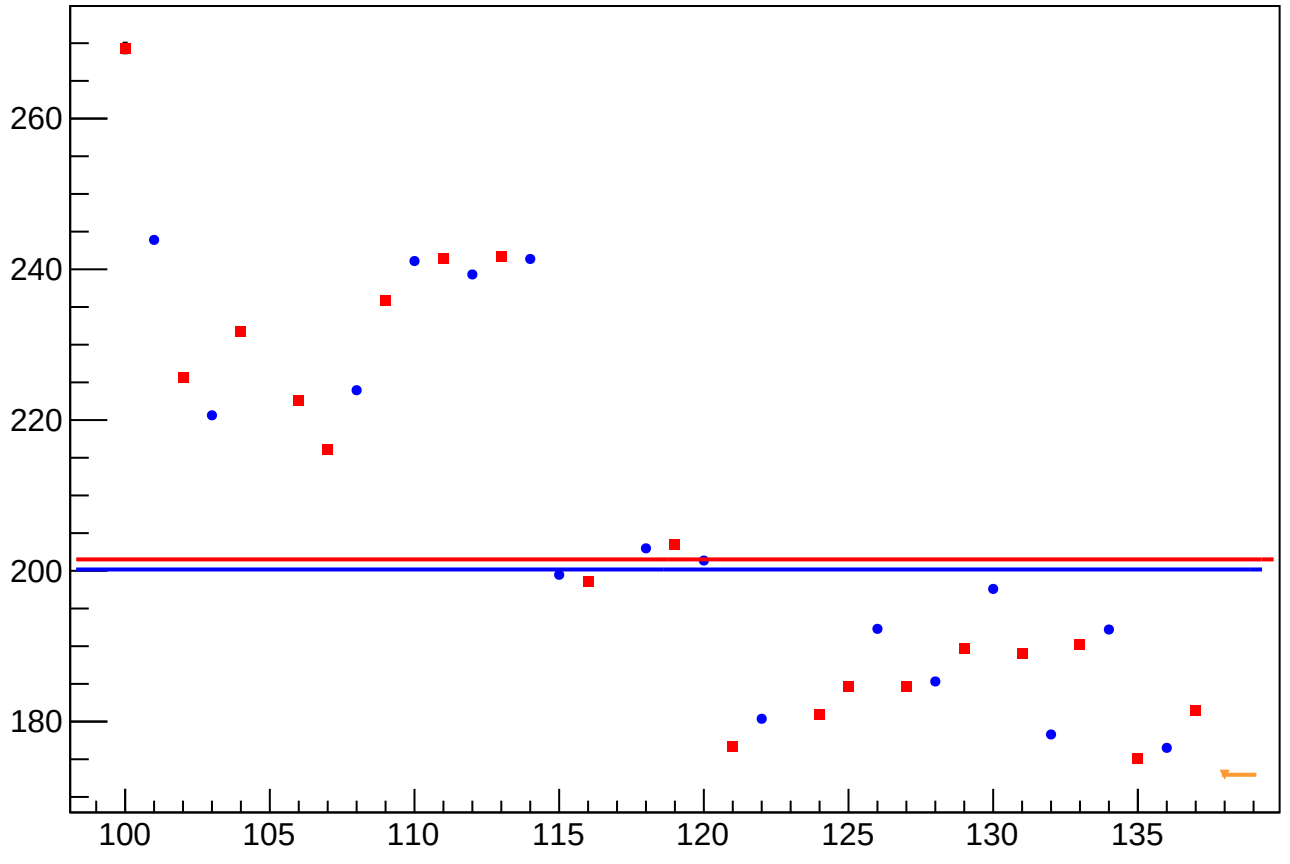
Right Out: -122.210+/-74.380 χ^2/NDF: 15.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 182.907+/-69.940 χ^2/NDF: 20.0/16

All: 39.727+/-50.952 χ^2/NDF: 44.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 200.177+/-0.053 χ^2/NDF: 181001.6/15

Left Out: 172.945+/-0.138 χ^2/NDF:0.0/0

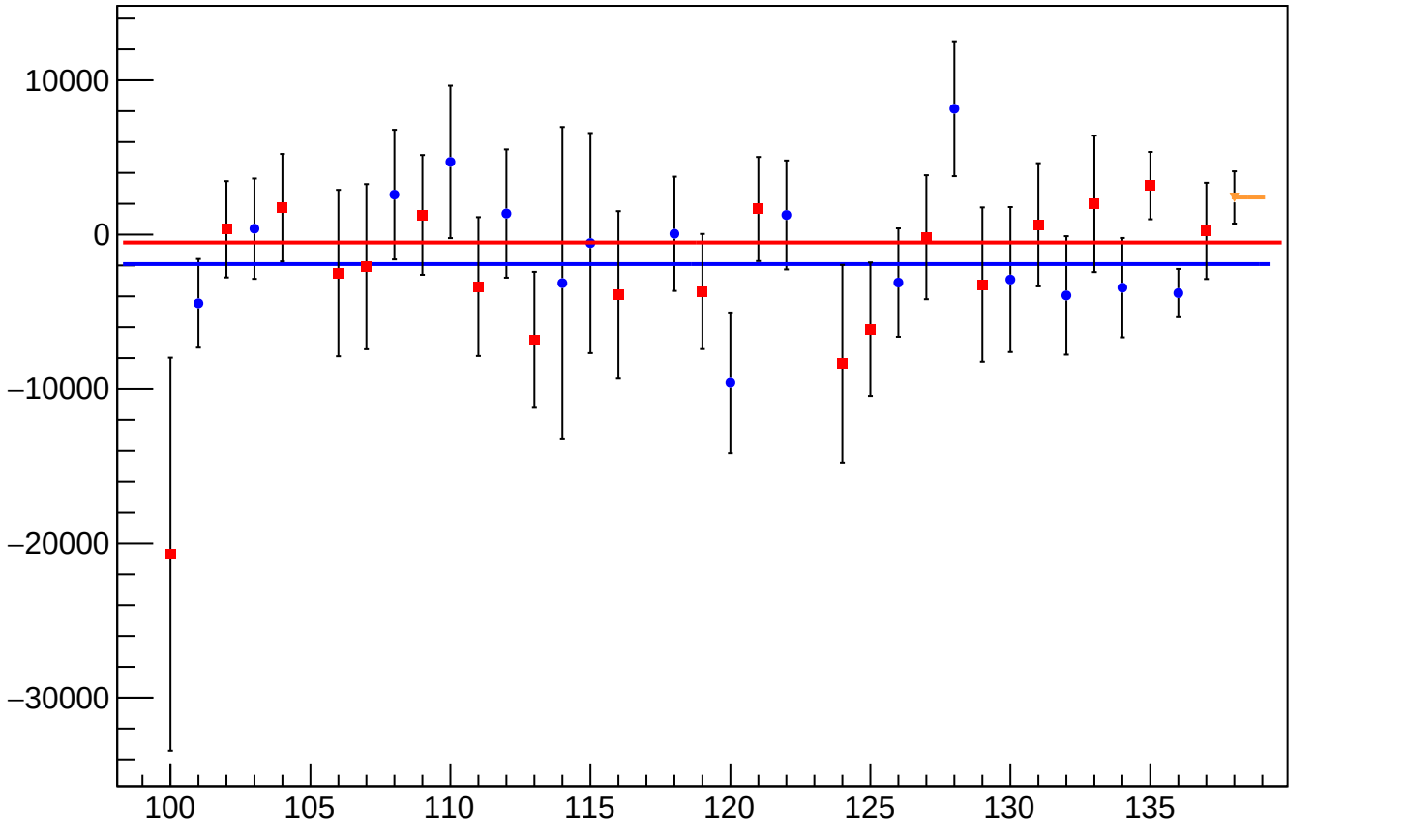
Right Out: 201.514+/-0.053 χ^2/NDF: 195431.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.704+/-0.049 χ^2/NDF: 214739.1/16

All: 198.961+/-0.036 χ^2/NDF: 414610.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1910.310+/-859.089 χ^2/NDF: 16.3/15

Left Out: 2408.732+/-1691.199 χ^2/NDF:0.0/0

Right Out: -511.276+/-902.014 χ^2/NDF: 14.2/18

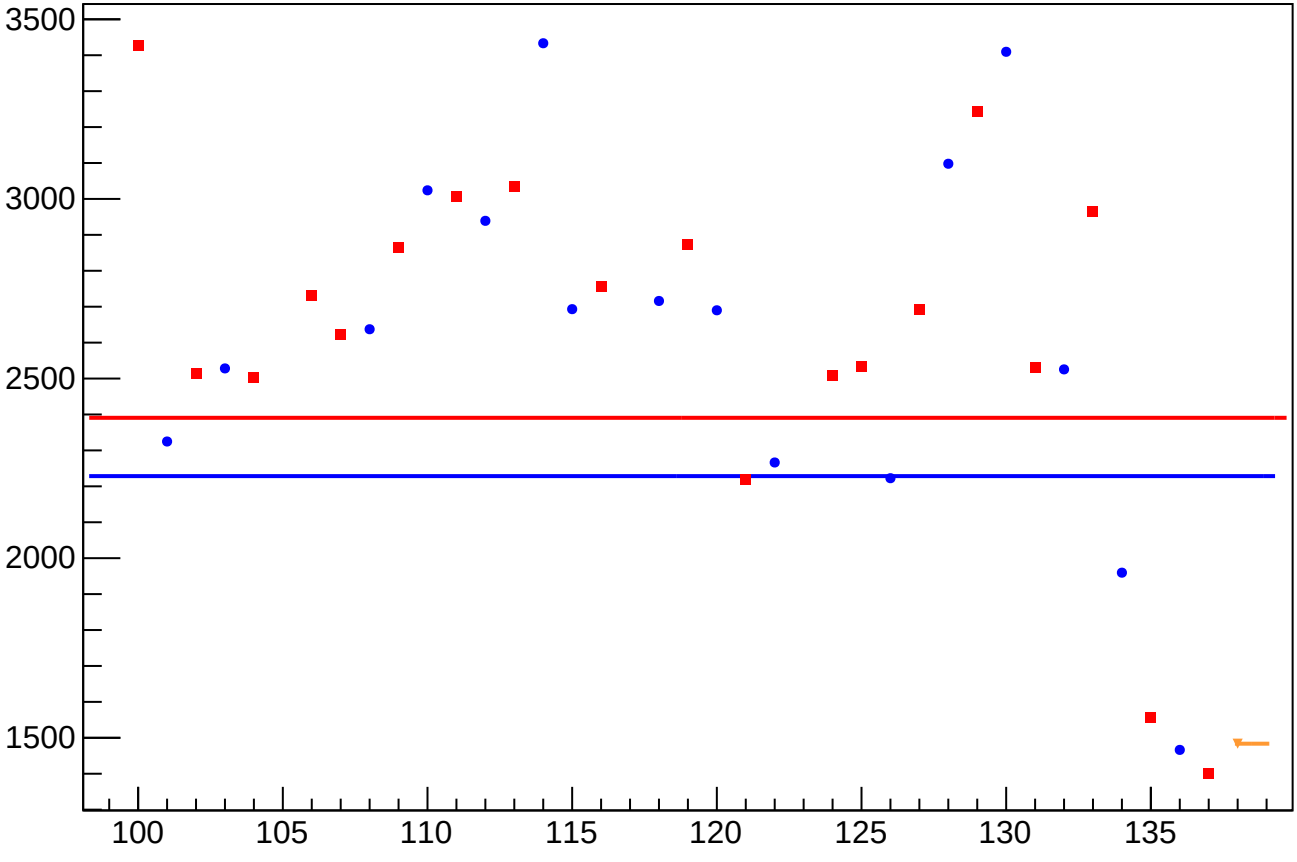
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1024.420+/-765.934 χ^2/NDF: 21.4/16

All: -809.436+/-583.843 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2228.435+/-0.607 χ^2/NDF: 947659.2/15

Left Out: 1483.620+/-1.196 χ^2/NDF:0.0/0

Right Out: 2390.731+/-0.638 χ^2/NDF: 790004.4/18

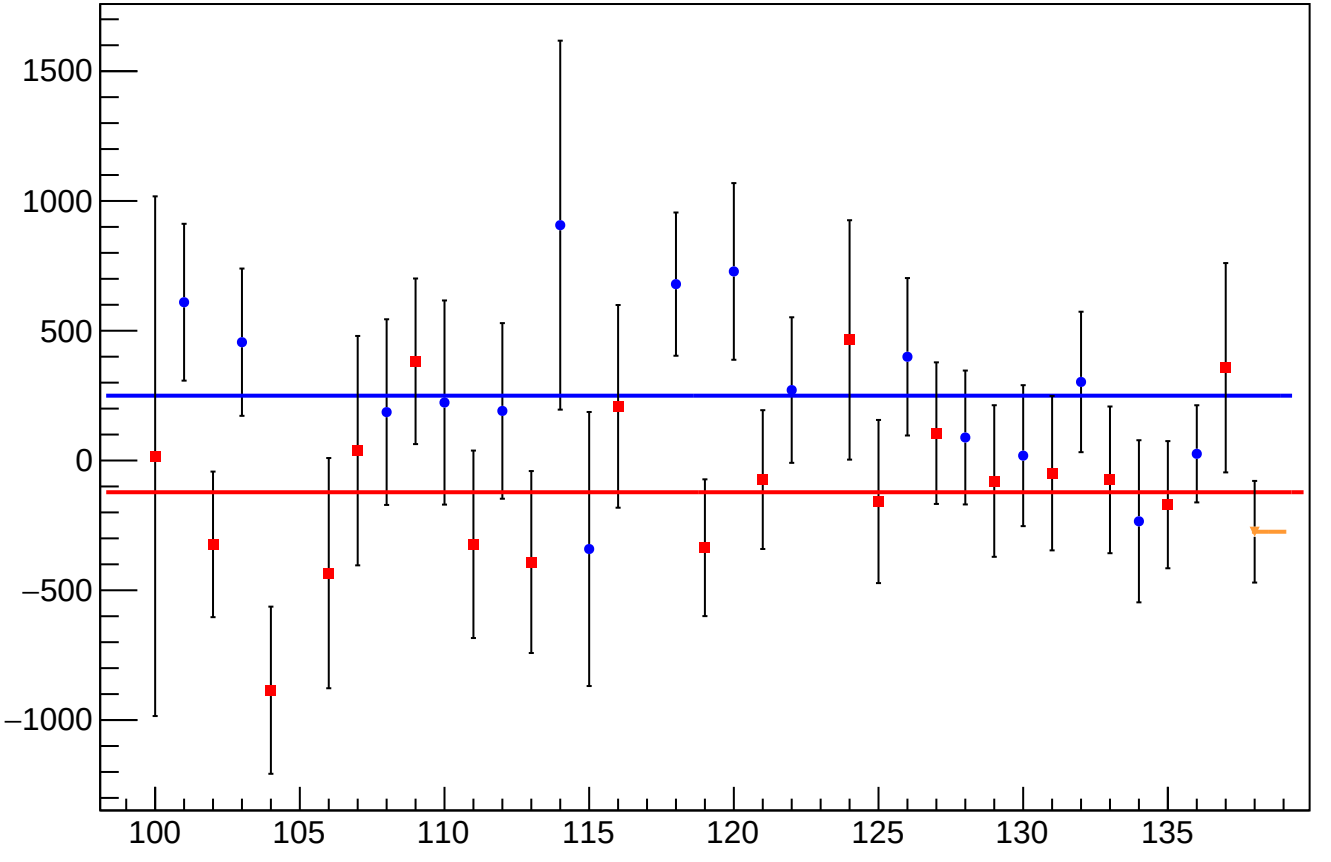
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2075.664+/-0.542 χ^2/NDF: 1256008.6/16

All: 2207.662+/-0.413 χ^2/NDF: 2187794.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 249.764+/-74.877 χ^2/NDF: 13.8/15

Left Out: -274.470+/-195.845 χ^2/NDF:0.0/0

Right Out: -122.210+/-74.380 χ^2/NDF: 15.5/18

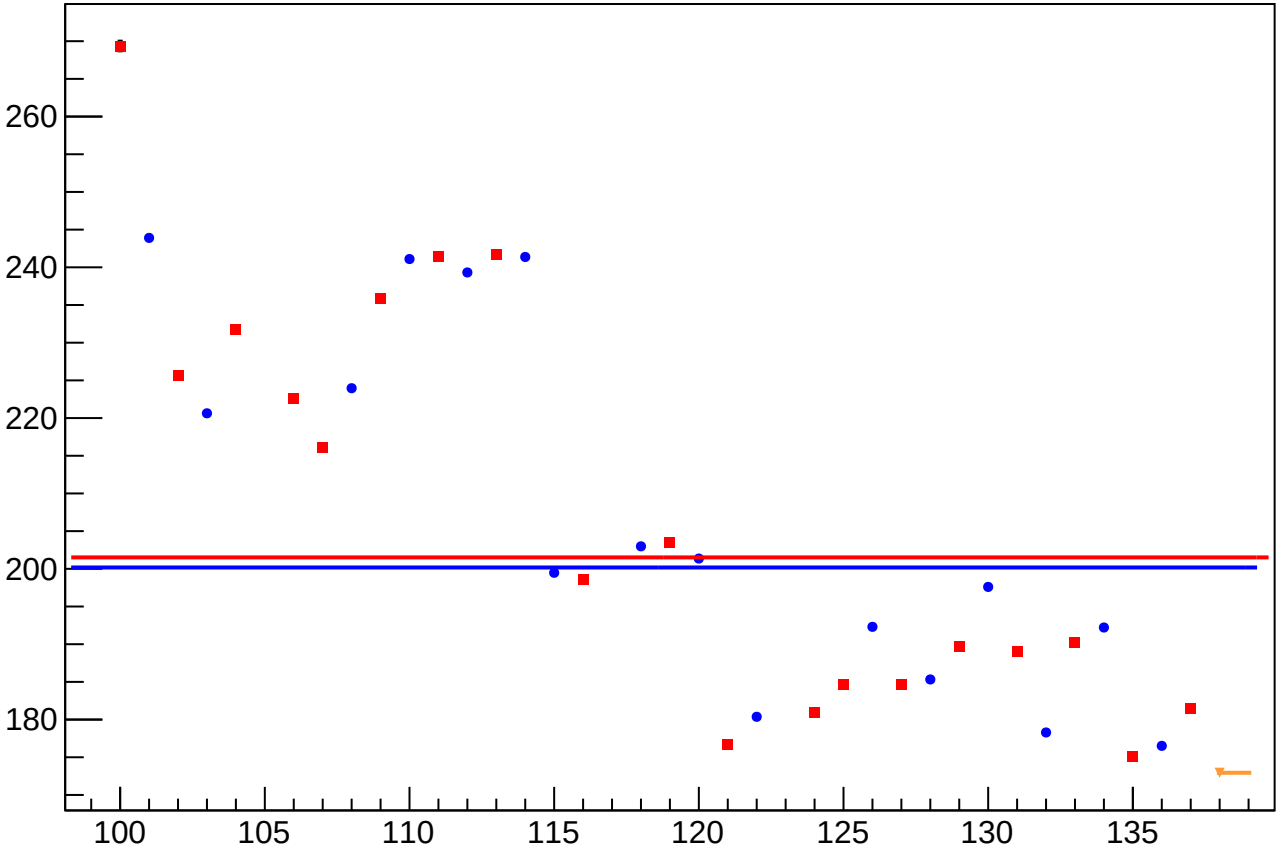
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 182.907+/-69.940 χ^2/NDF: 20.0/16

All: 39.727+/-50.952 χ^2/NDF: 44.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 200.177+/-0.053 χ^2/NDF: 181001.6/15

Left Out: 172.945+/-0.138 χ^2/NDF:0.0/0

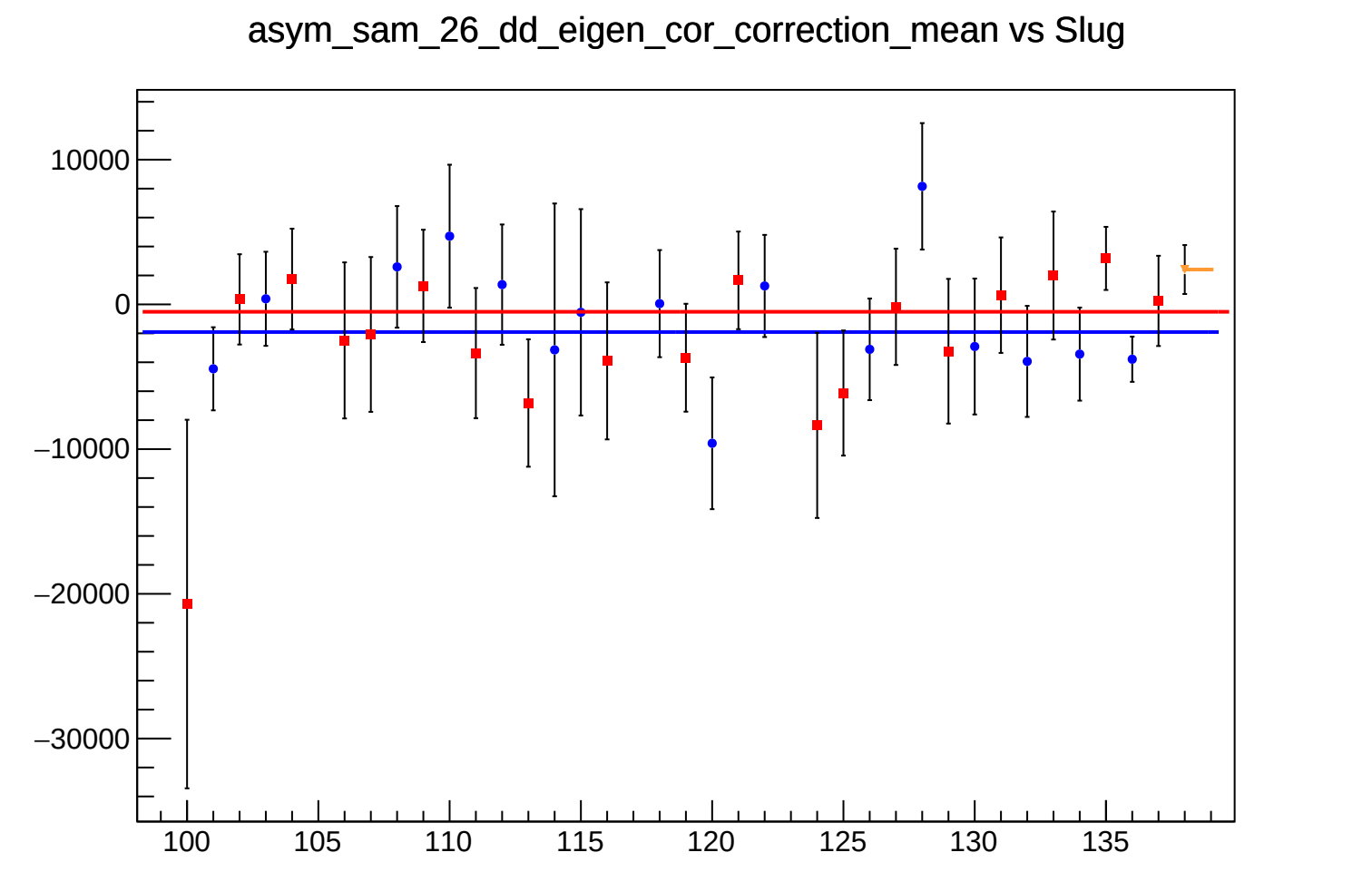
Right Out: 201.514+/-0.053 χ^2/NDF: 195431.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 196.704+/-0.049 χ^2/NDF: 214739.1/16

All: 198.961+/-0.036 χ^2/NDF: 414610.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1910.310+/-859.089 χ^2/NDF: 16.3/15

Left Out: 2408.732+/-1691.199 χ^2/NDF:0.0/0

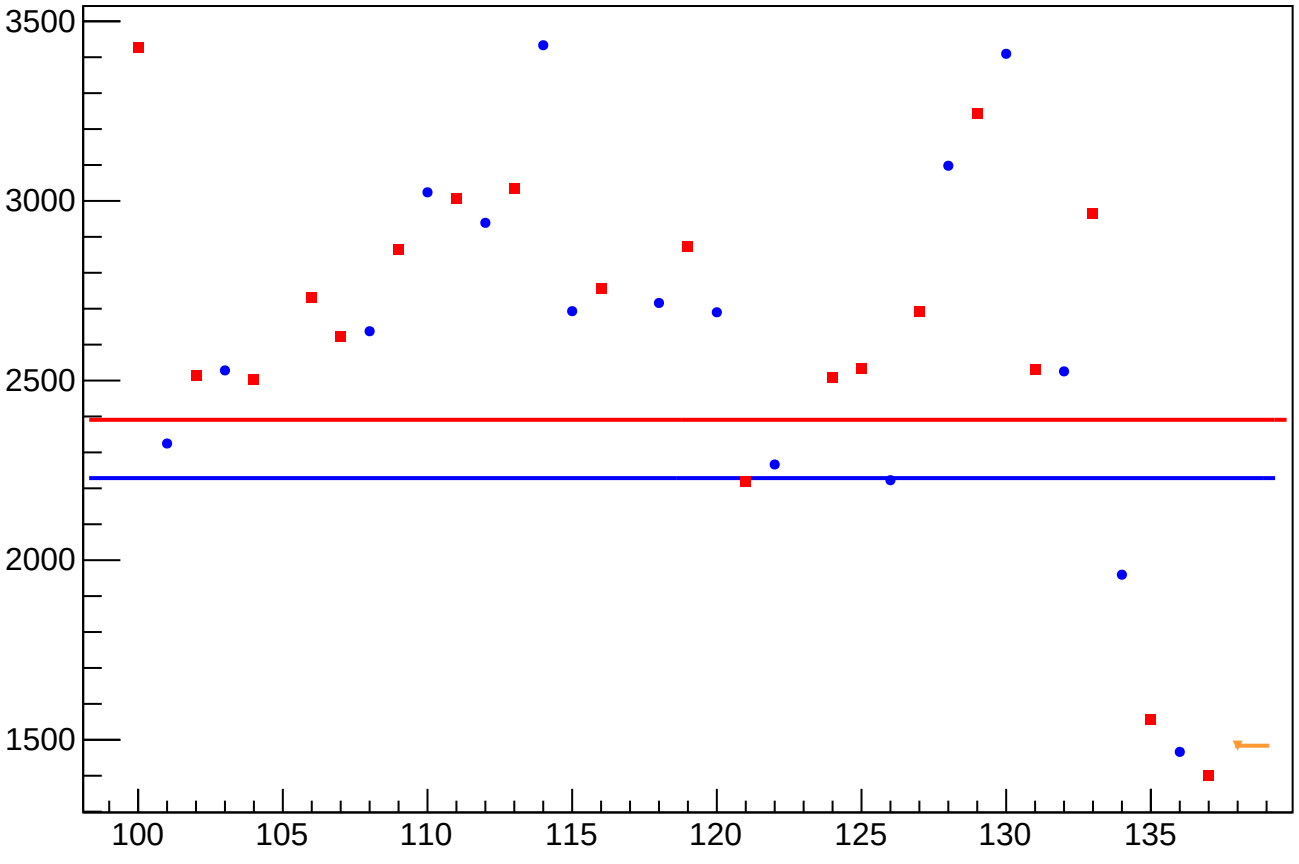
Right Out: -511.276+/-902.014 χ^2/NDF: 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1024.420+/-765.934 χ^2/NDF: 21.4/16

All: -809.436+/-583.843 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2228.435+/-0.607 χ^2/NDF: 947659.2/15

Left Out: 1483.620+/-1.196 χ^2/NDF:0.0/0

Right Out: 2390.731+/-0.638 χ^2/NDF: 790004.4/18

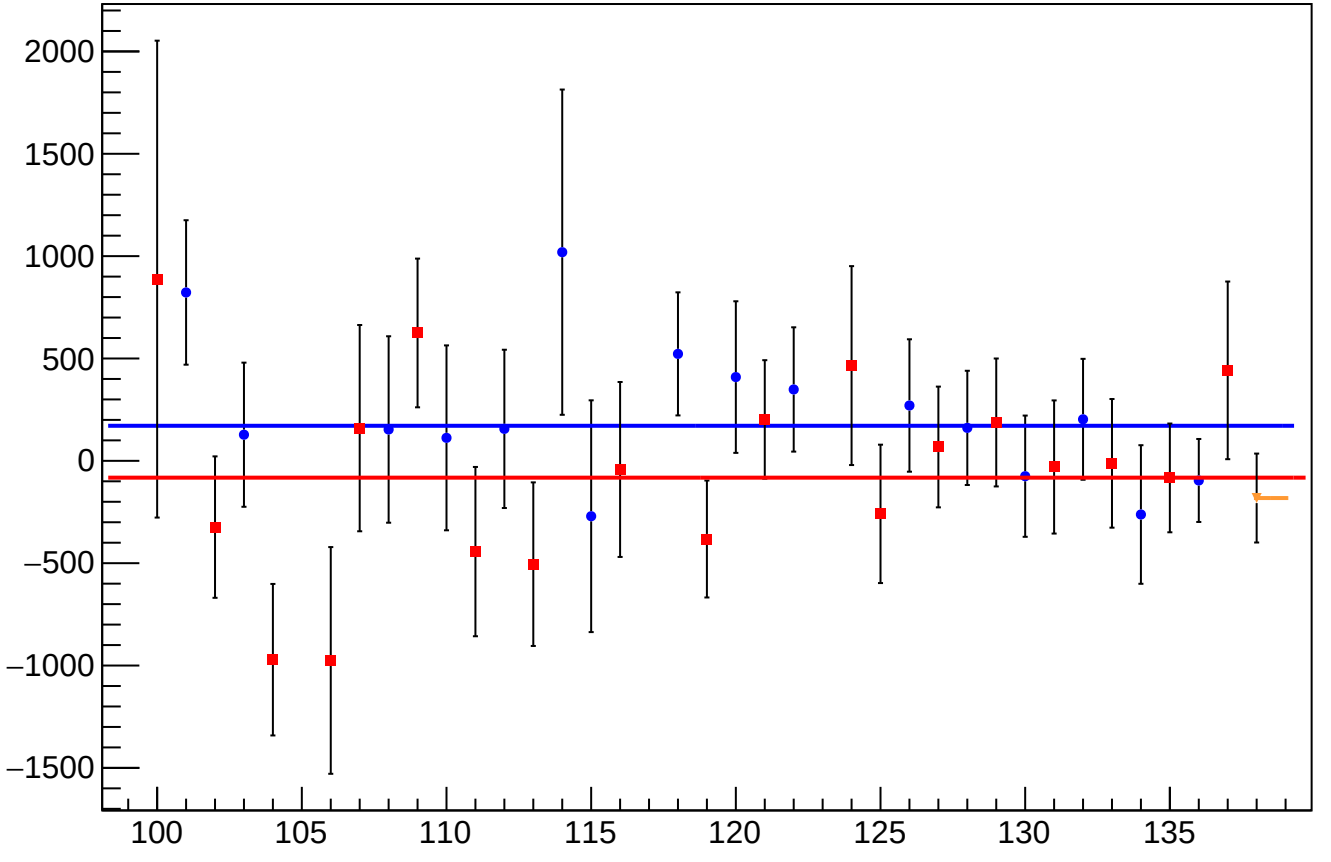
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2075.664+/-0.542 χ^2/NDF: 1256008.6/16

All: 2207.662+/-0.413 χ^2/NDF: 2187794.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_mean vs Slug



Right In: 171.258+/-83.116 χ^2/NDF: 11.5/15

Left Out: -181.759+/-217.207 χ^2/NDF:0.0/0

Right Out: -82.152+/-82.545 χ^2/NDF: 21.6/18

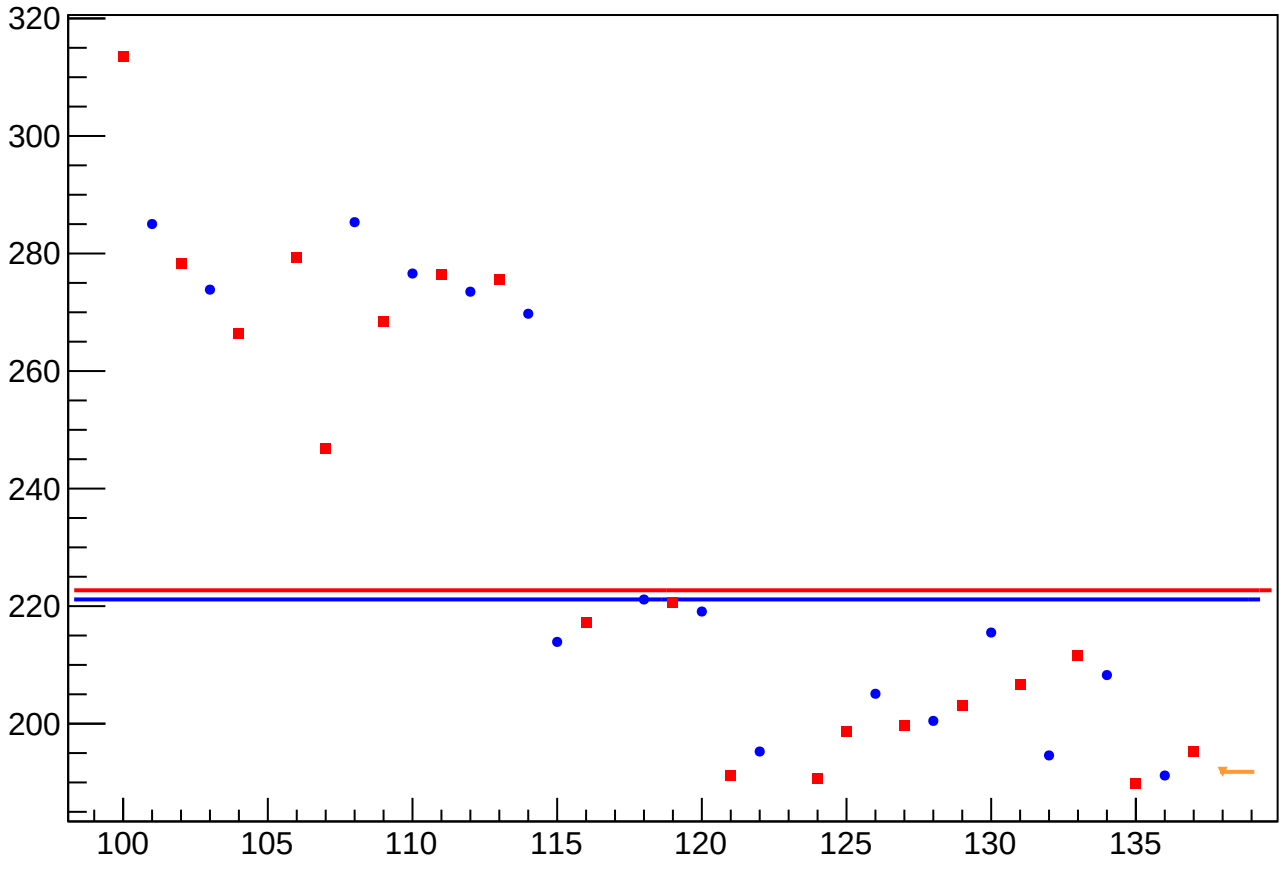
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 126.170+/-77.627 χ^2/NDF: 13.8/16

All: 28.400+/-56.549 χ^2/NDF: 38.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 221.139+/-0.059 χ^2/NDF: 318702.0/15

Left Out: 191.802+/-0.154 χ^2/NDF:0.0/0

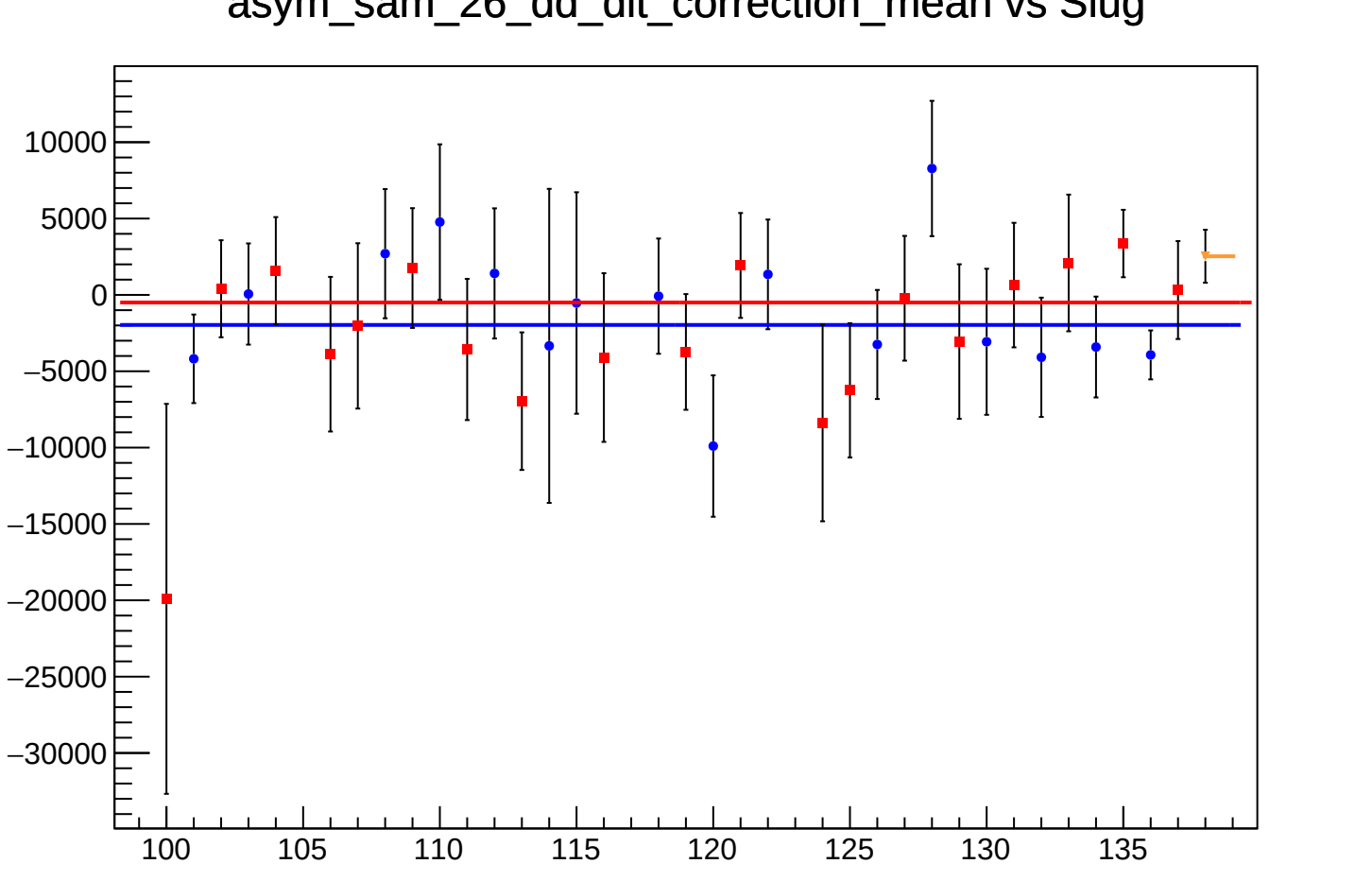
Right Out: 222.697+/-0.058 χ^2/NDF: 327032.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 217.392+/-0.055 χ^2/NDF: 350526.0/16

All: 219.882+/-0.040 χ^2/NDF: 681942.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1967.414+/-876.610 χ^2/NDF: 16.2/15

Left Out: 2529.837+/-1733.723 χ^2/NDF:0.0/0

Right Out: -497.281+/-914.759 χ^2/NDF: 14.8/18

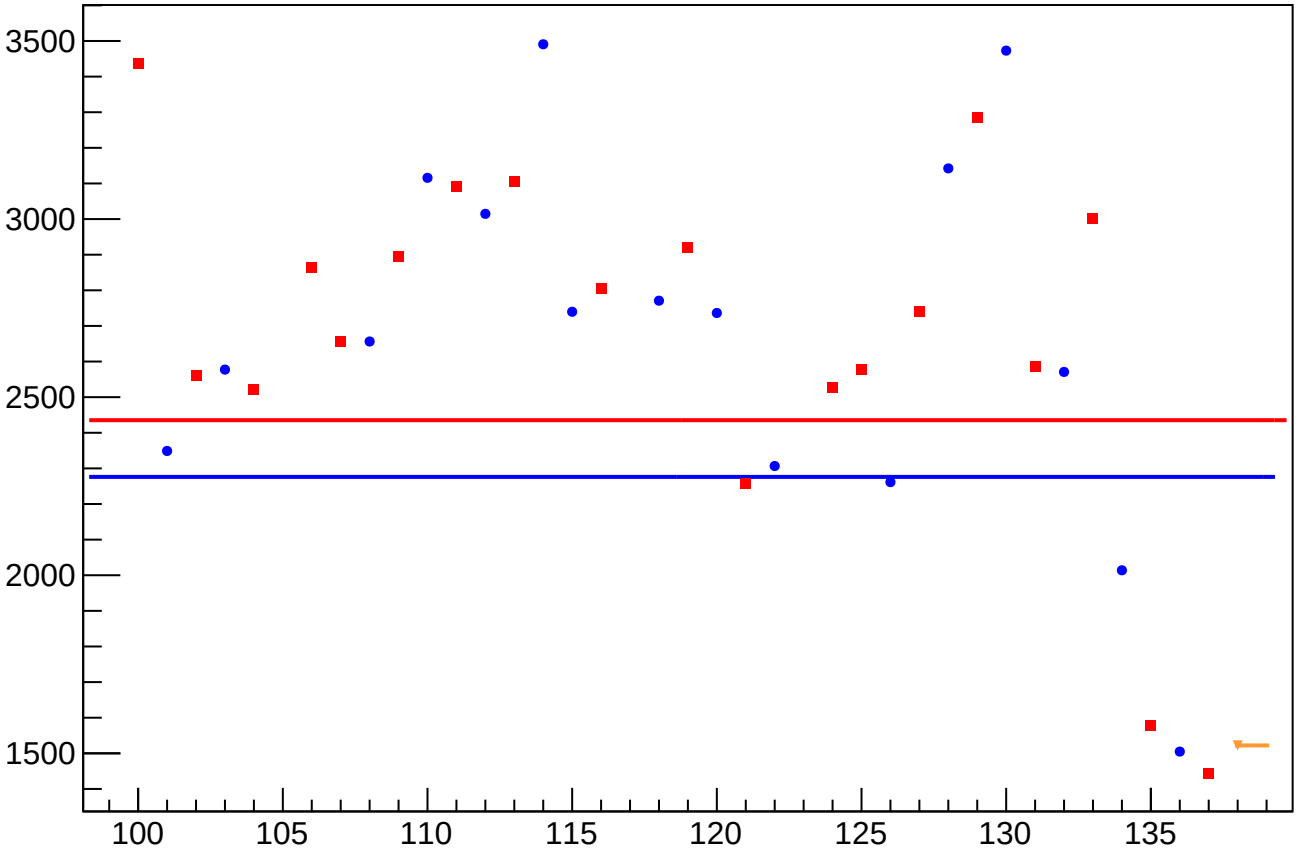
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1051.763+/-782.296 χ^2/NDF: 21.5/16

All: -817.540+/-594.536 χ^2/NDF: 36.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2276.134+/-0.620 χ^2/NDF: 926982.8/15

Left Out: 1522.205+/-1.226 χ^2/NDF:0.0/0

Right Out: 2435.354+/-0.647 χ^2/NDF: 791515.5/18

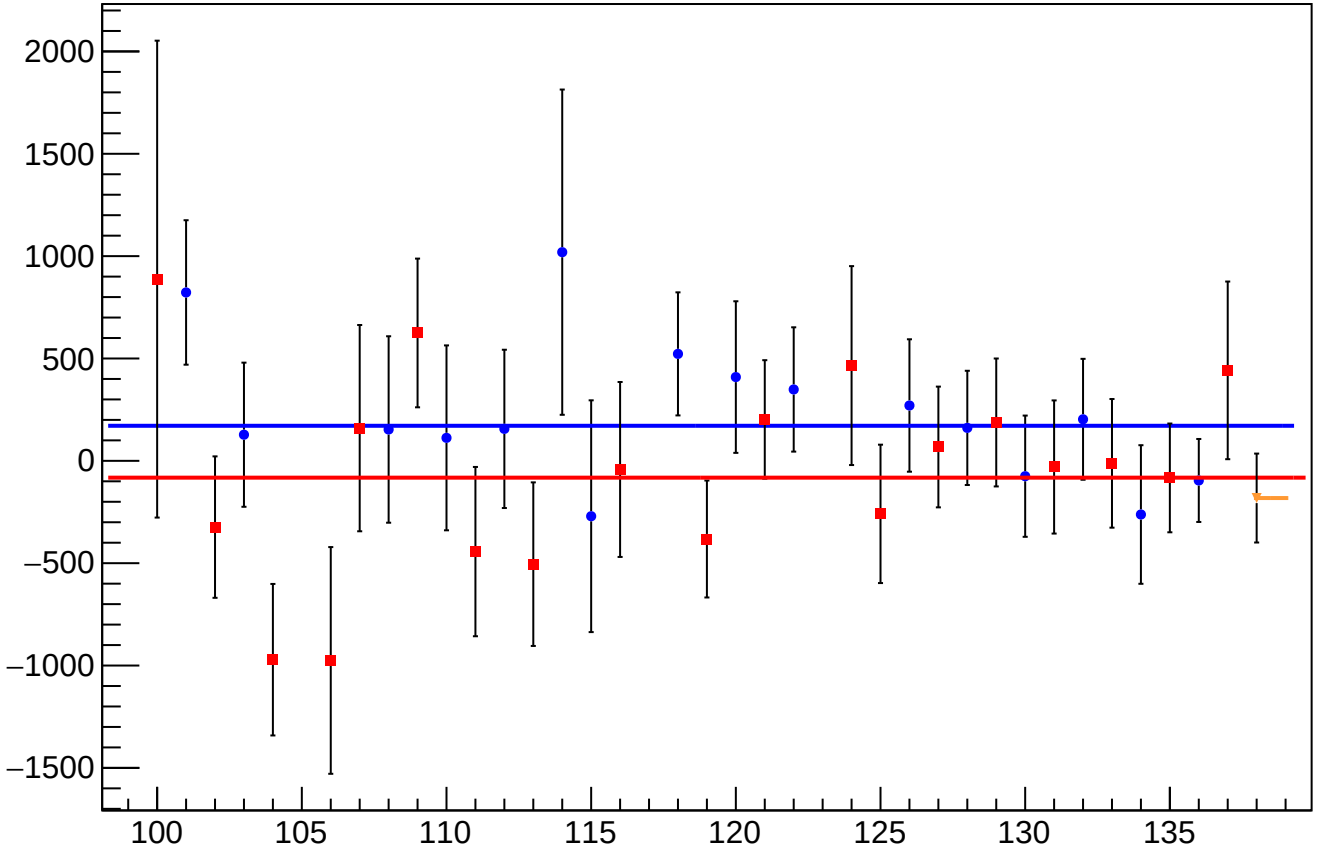
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2122.632+/-0.553 χ^2/NDF: 1228187.3/16

All: 2254.732+/-0.420 χ^2/NDF: 2154706.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 171.260+/-83.115 χ^2/NDF: 11.5/15

Left Out: -181.770+/-217.207 χ^2/NDF:0.0/0

Right Out: -82.150+/-82.545 χ^2/NDF: 21.6/18

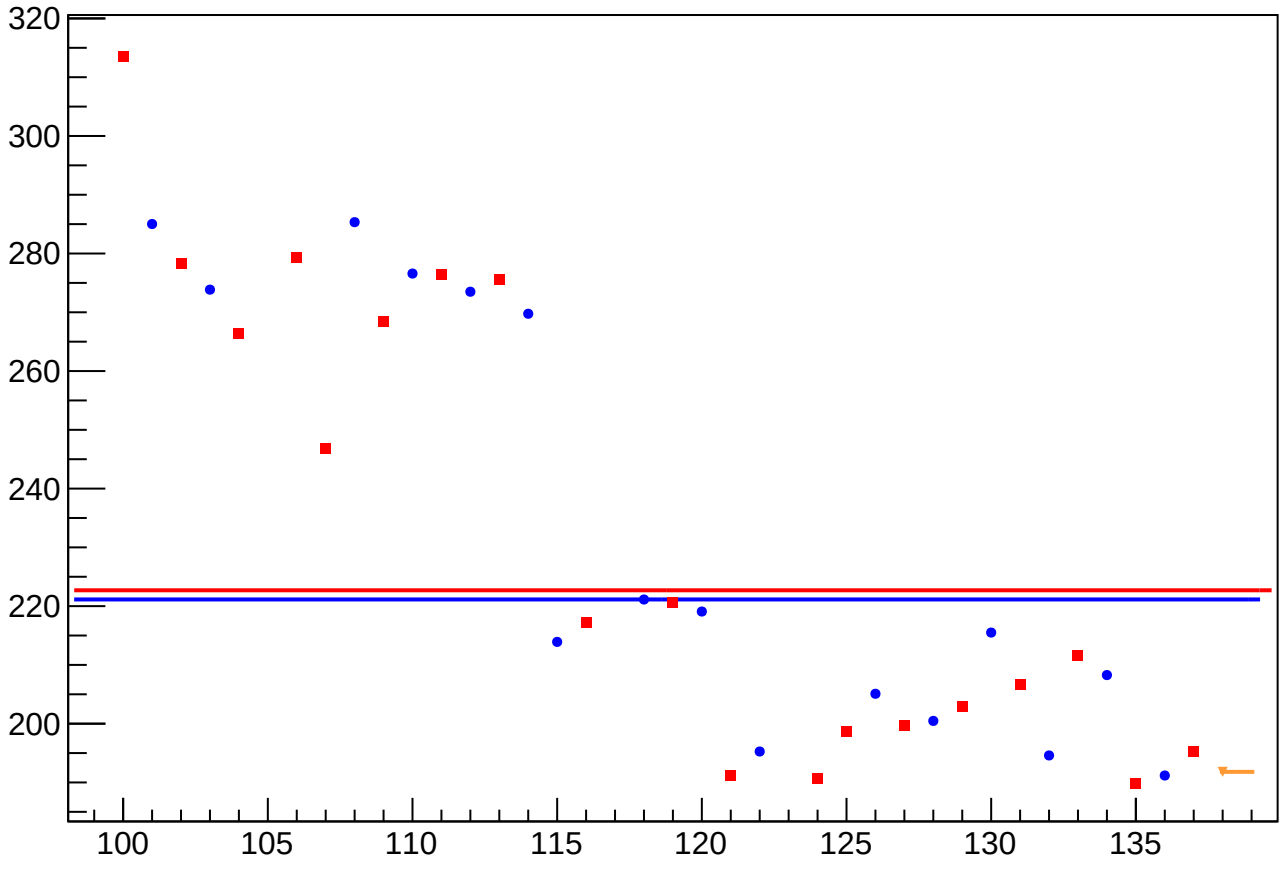
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 126.170+/-77.626 χ^2/NDF: 13.8/16

All: 28.401+/-56.549 χ^2/NDF: 38.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 221.138+/-0.059 χ^2/NDF: 318696.9/15

Left Out: 191.802+/-0.154 χ^2/NDF:0.0/0

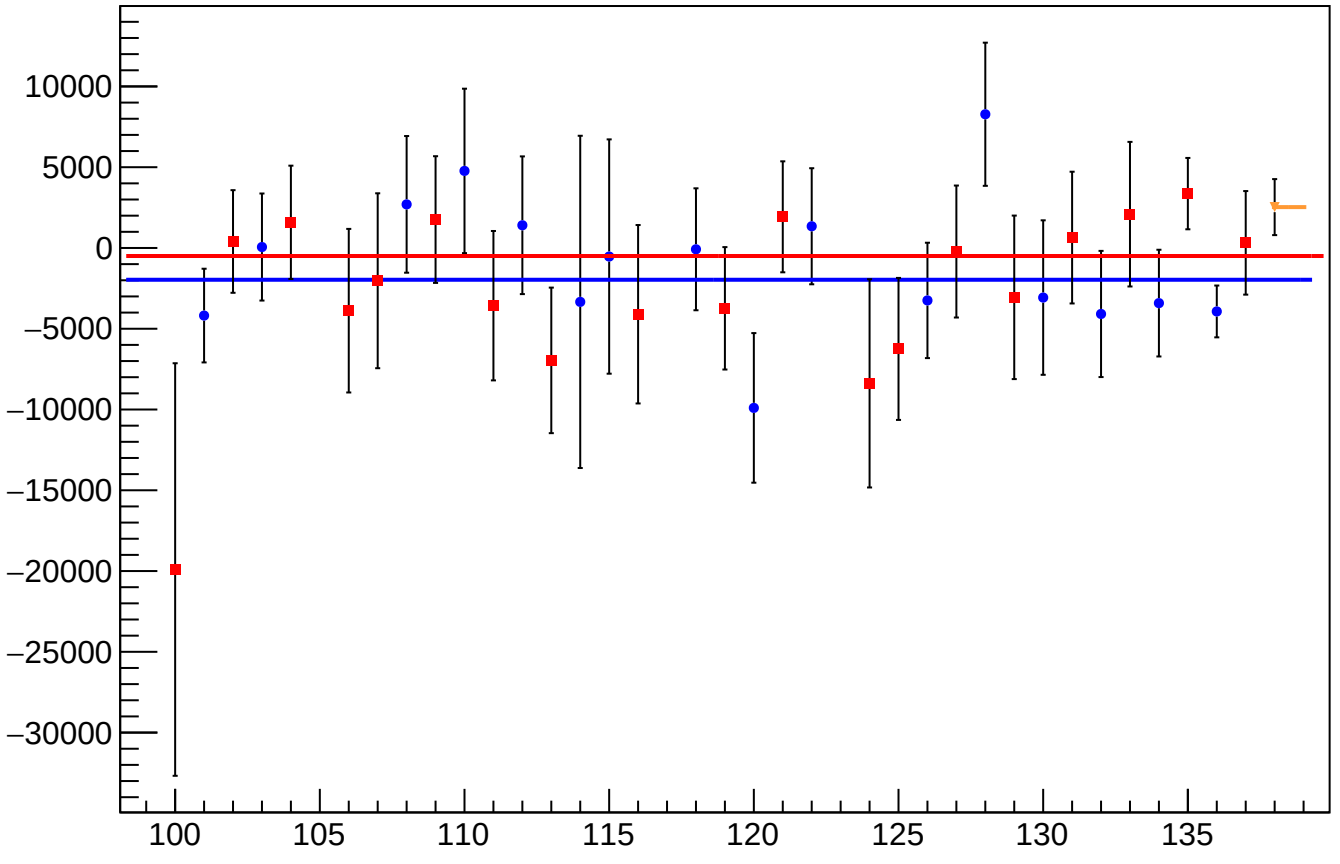
Right Out: 222.696+/-0.058 χ^2/NDF: 327025.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 217.391+/-0.055 χ^2/NDF: 350519.4/16

All: 219.881+/-0.040 χ^2/NDF: 681929.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1967.409+/-876.608 χ^2/NDF: 16.2/15

Left Out: 2529.825+/-1733.720 χ^2/NDF:0.0/0

Right Out: -497.282+/-914.757 χ^2/NDF: 14.8/18

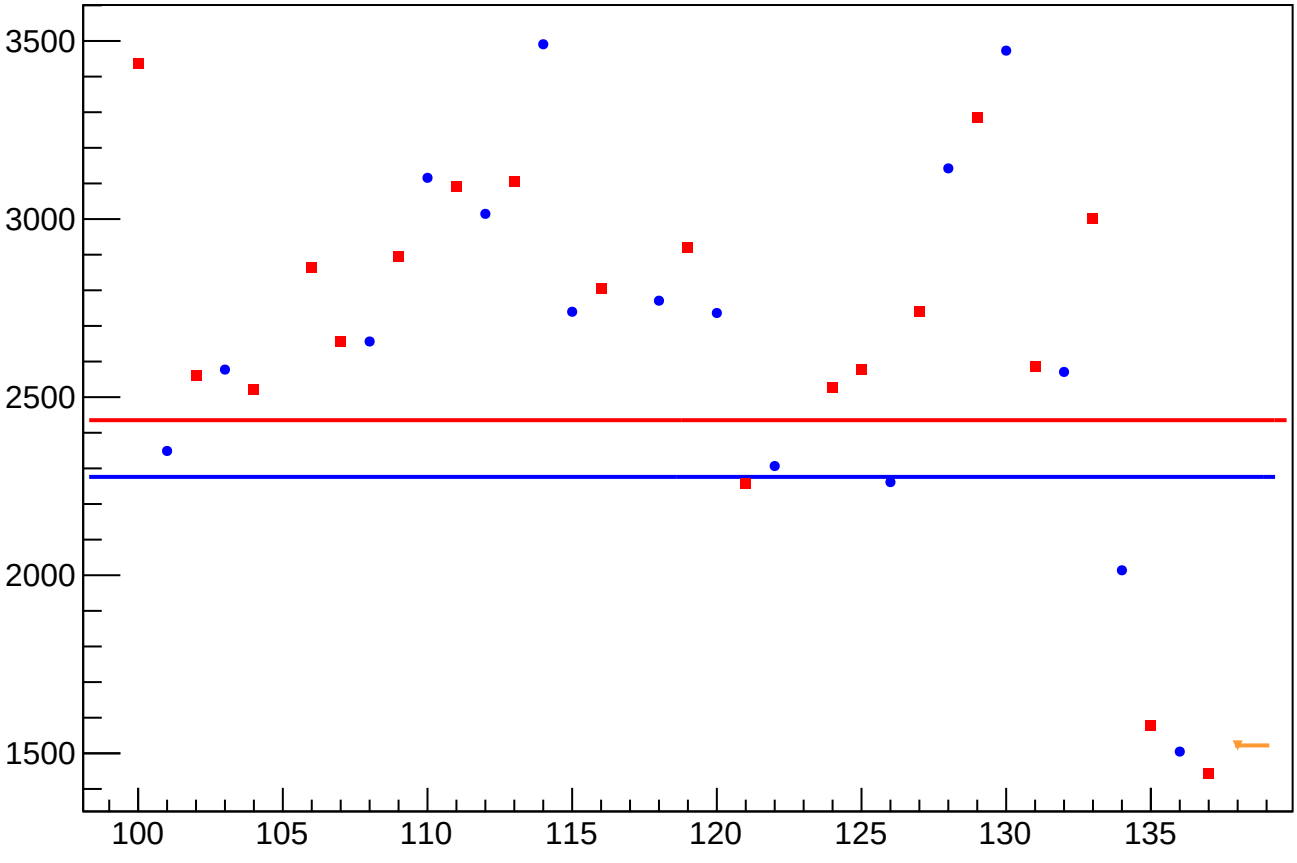
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1051.761+/-782.295 χ^2/NDF: 21.5/16

All: -817.539+/-594.535 χ^2/NDF: 36.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2276.132+/-0.620 χ^2/NDF: 926973.2/15

Left Out: 1522.202+/-1.226 χ^2/NDF:0.0/0

Right Out: 2435.351+/-0.647 χ^2/NDF: 791509.5/18

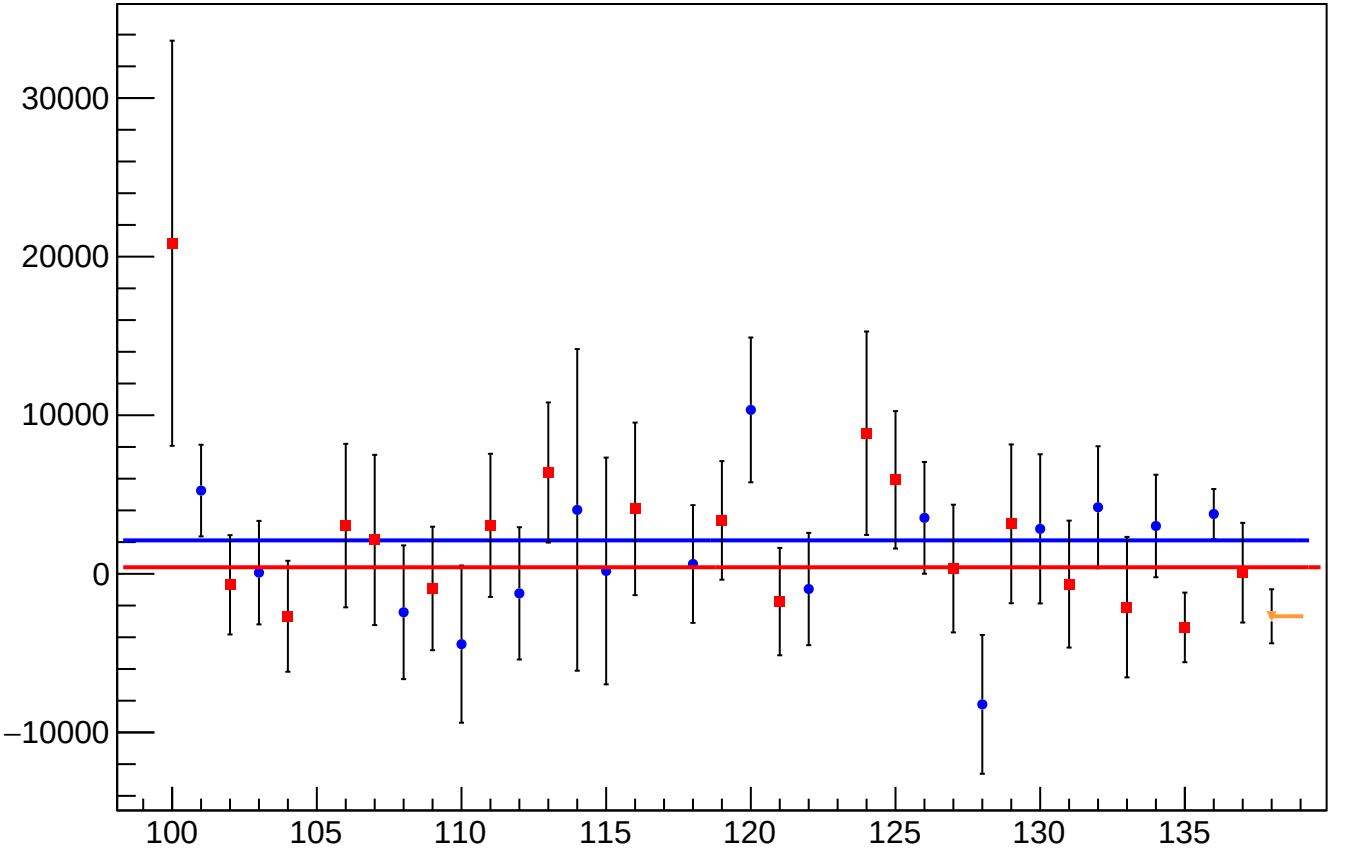
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2122.630+/-0.553 χ^2/NDF: 1228178.8/16

All: 2254.729+/-0.420 χ^2/NDF: 2154692.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 2109.537+/-863.291 χ^2/NDF: 16.6/15

Left Out: -2677.327+/-1703.116 χ^2/NDF:0.0/0

Right Out: 414.095+/-904.414 χ^2/NDF: 14.7/18

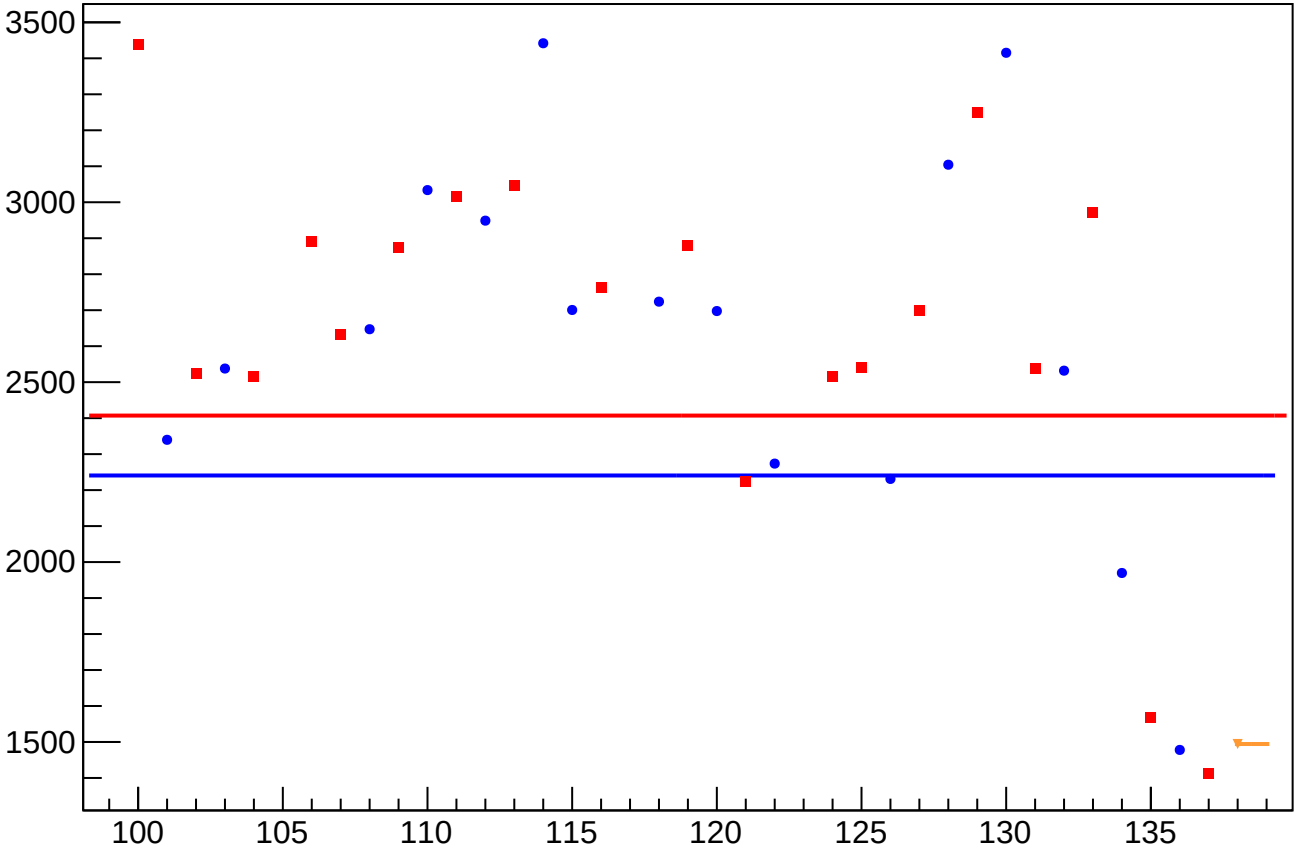
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1131.031+/-770.017 χ^2/NDF: 22.9/16

All: 829.739+/-586.301 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2240.626+/-0.610 χ^2/NDF: 933590.8/15

Left Out: 1494.360+/-1.204 χ^2/NDF:0.0/0

Right Out: 2407.124+/-0.640 χ^2/NDF: 788976.1/18

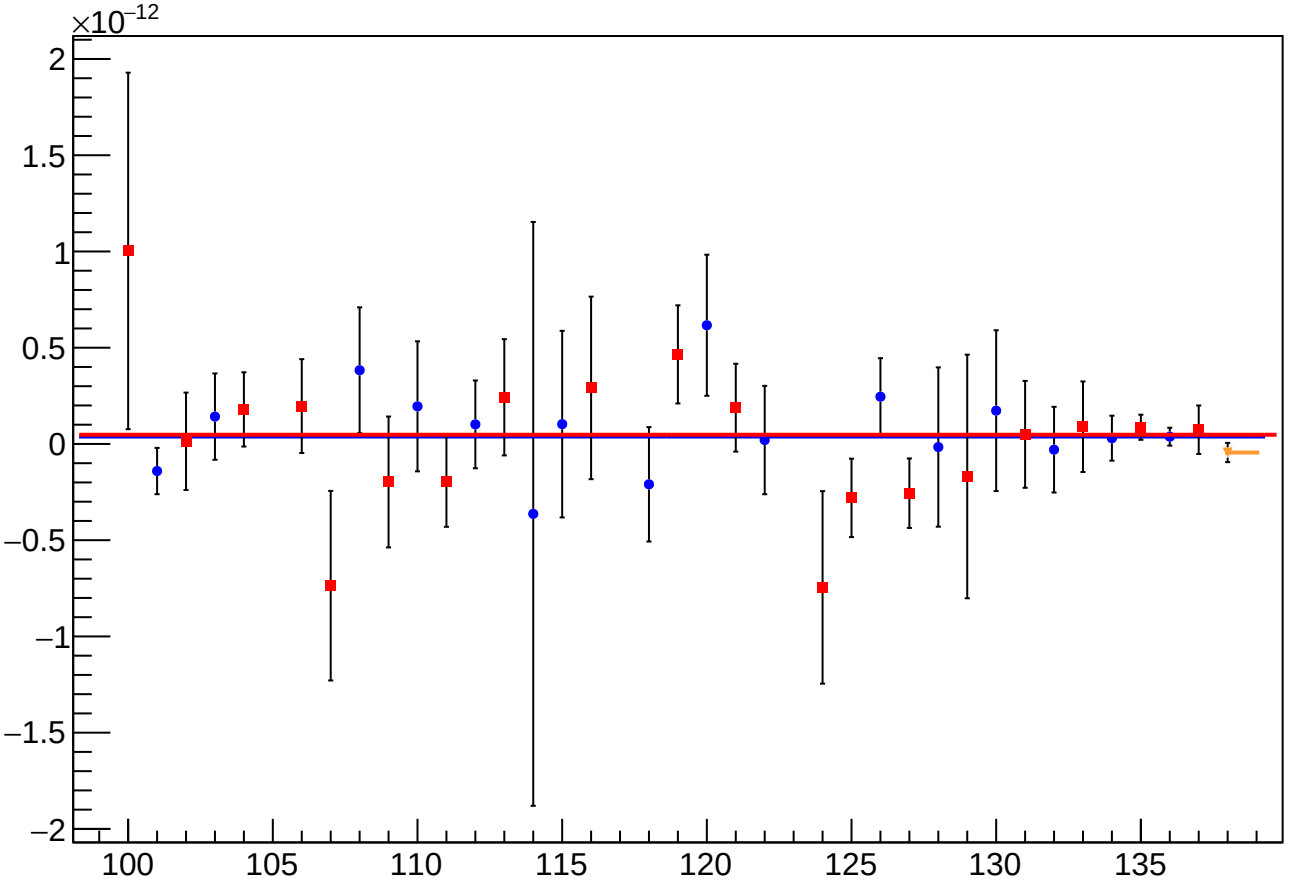
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2088.078+/-0.544 χ^2/NDF: 1239094.0/16

All: 2222.157+/-0.415 χ^2/NDF: 2172362.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 8.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

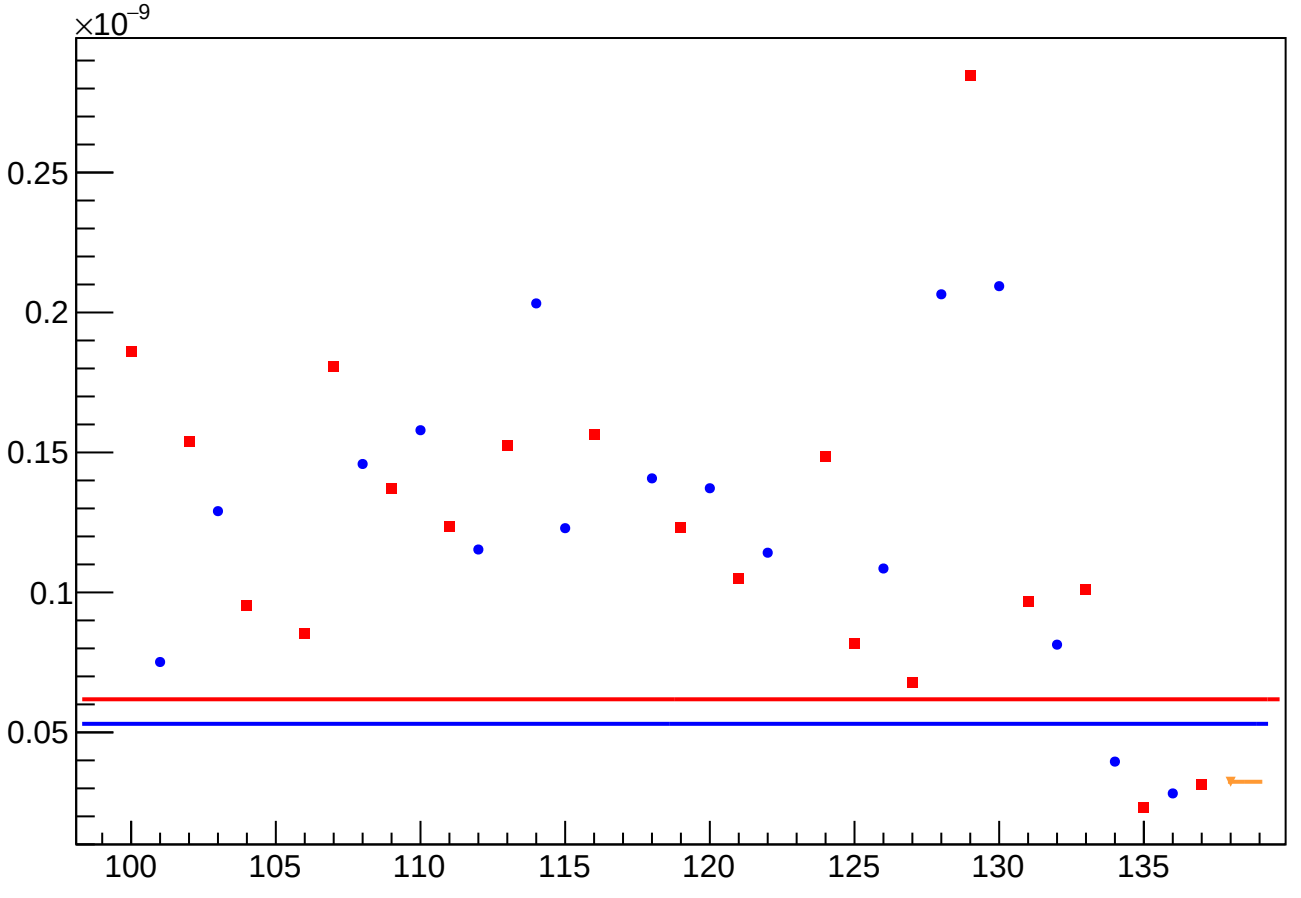
Right Out: 0.000+/-0.000 χ^2/NDF: 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 10.2/16

All: 0.000+/-0.000 χ^2/NDF: 29.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2576481.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2416437.9/18

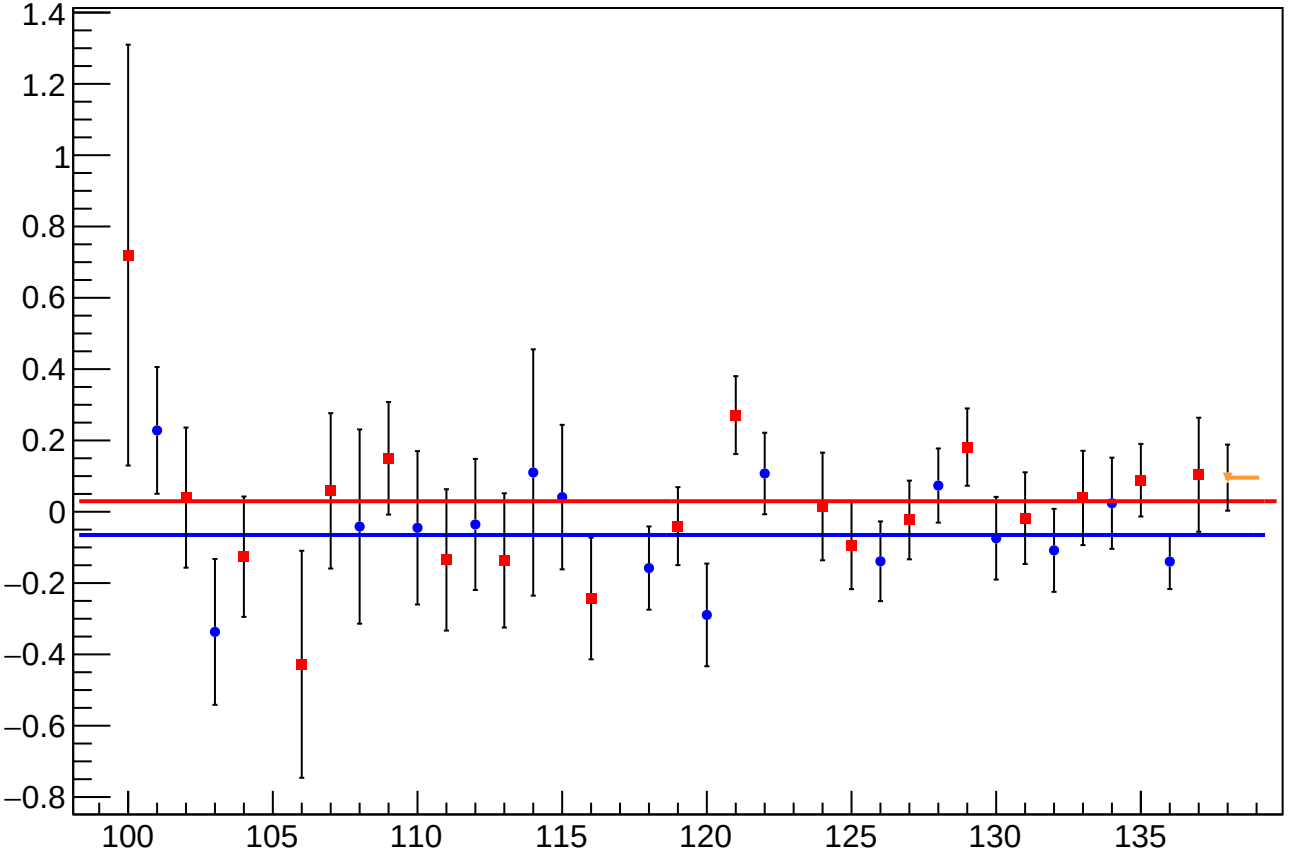
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2800715.3/16

All: 0.000+/-0.000 χ^2/NDF: 5402007.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.065+/-0.033 χ^2/NDF: 14.2/15

Left Out: 0.096+/-0.093 χ^2/NDF:0.0/0

Right Out: 0.030+/-0.033 χ^2/NDF: 18.1/18

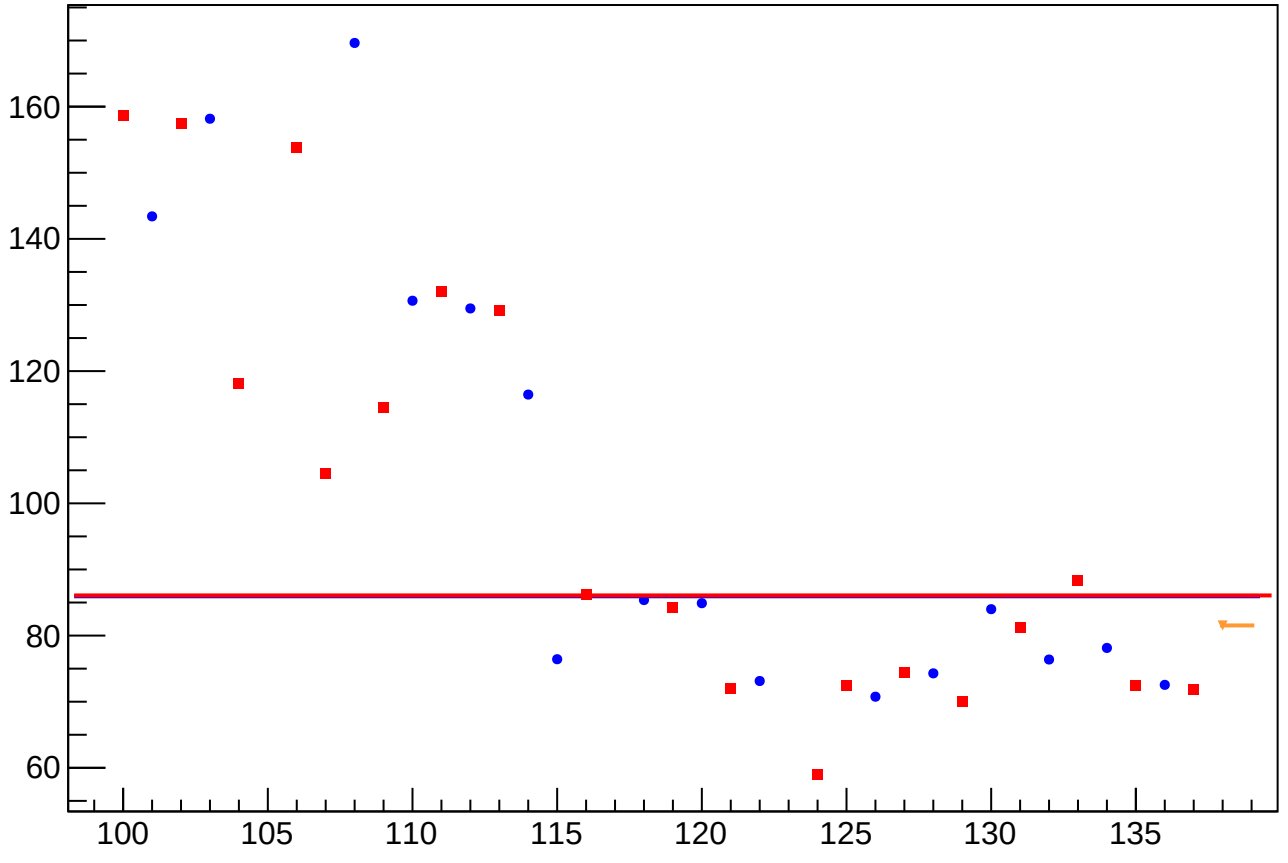
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.047+/-0.031 χ^2/NDF: 16.8/16

All: -0.011+/-0.023 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 85.946+/-0.024 χ^2/NDF: 1035004.5/15

Left Out: 81.536+/-0.066 χ^2/NDF:0.0/0

Right Out: 86.073+/-0.023 χ^2/NDF: 991371.4/18

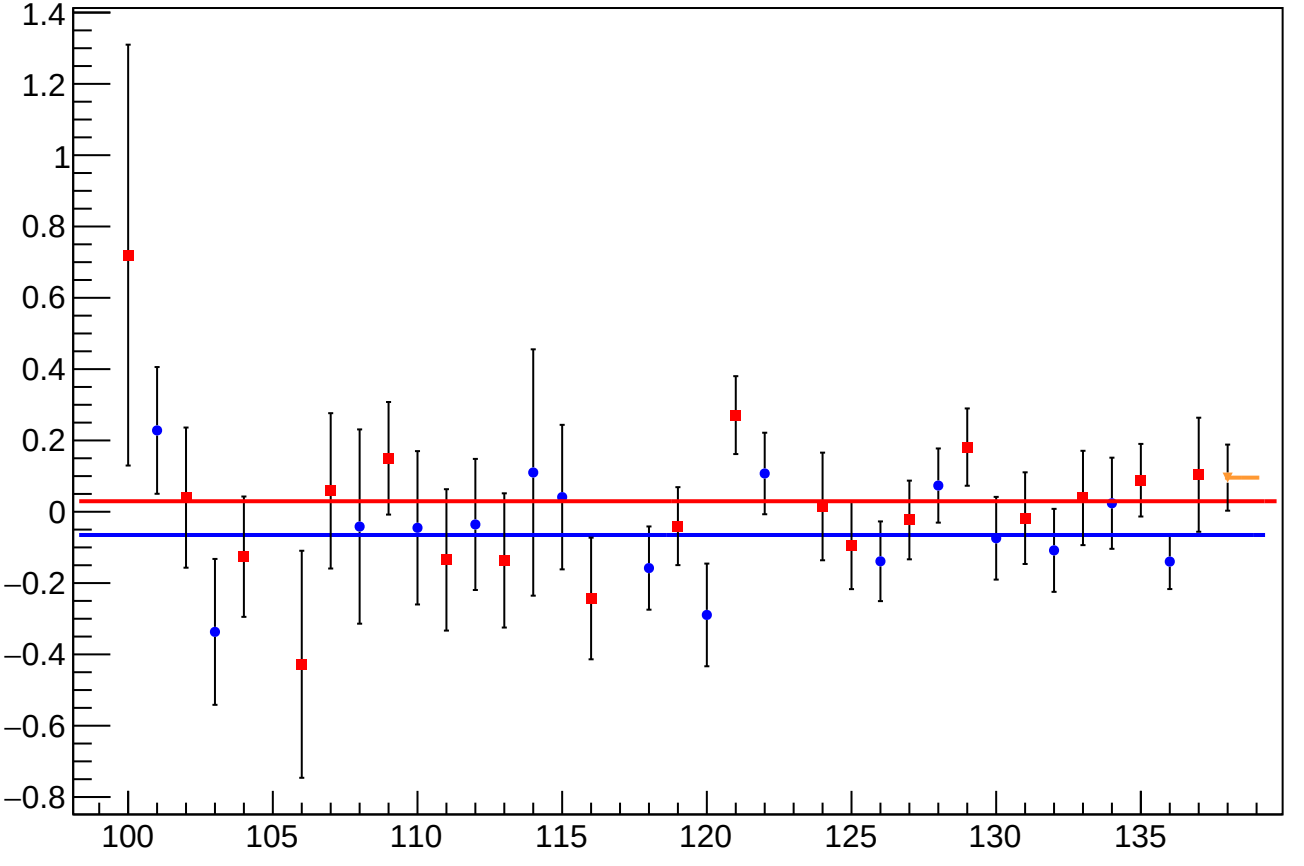
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 85.441+/-0.022 χ^2/NDF: 1039015.5/16

All: 85.741+/-0.016 χ^2/NDF: 2030772.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.065+/-0.033 χ^2/NDF: 14.2/15

Left Out: 0.096+/-0.093 χ^2/NDF:0.0/0

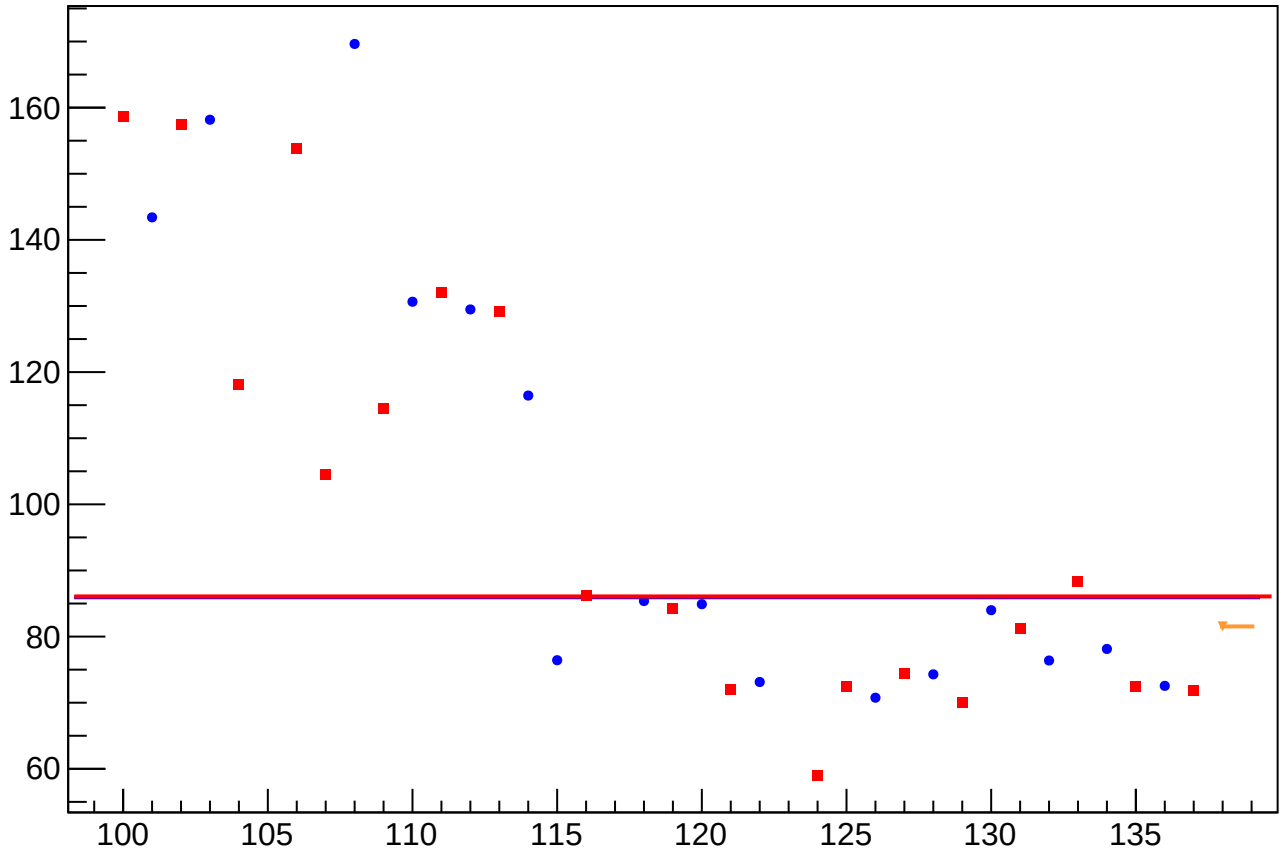
Right Out: 0.030+/-0.033 χ^2/NDF: 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.047+/-0.031 χ^2/NDF: 16.8/16

All: -0.011+/-0.023 χ^2/NDF: 37.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 85.946+/-0.024 χ^2/NDF: 1035004.5/15

Left Out: 81.536+/-0.066 χ^2/NDF:0.0/0

Right Out: 86.073+/-0.023 χ^2/NDF: 991371.4/18

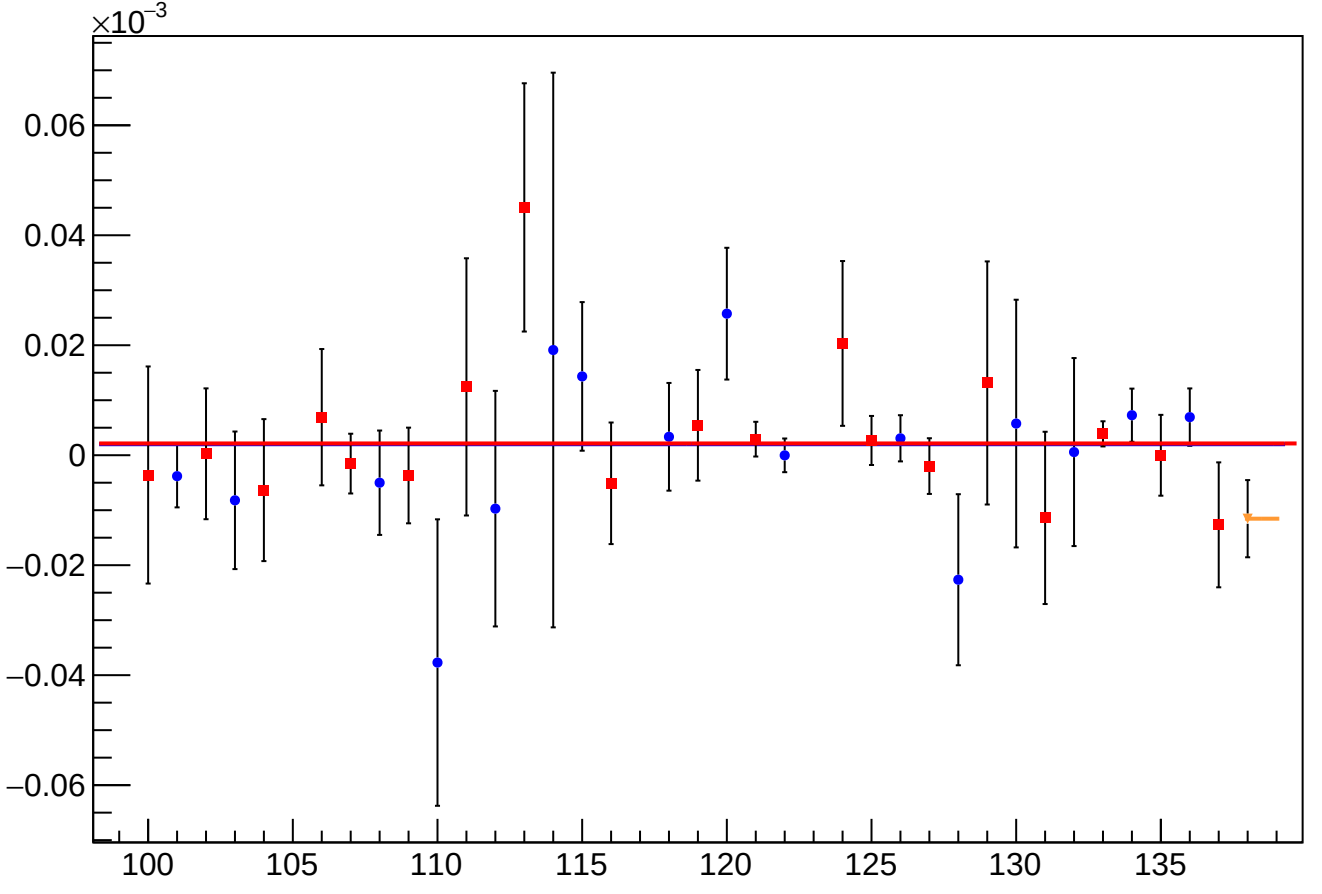
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 85.441+/-0.022 χ^2/NDF: 1039015.5/16

All: 85.741+/-0.016 χ^2/NDF: 2030772.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 14.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

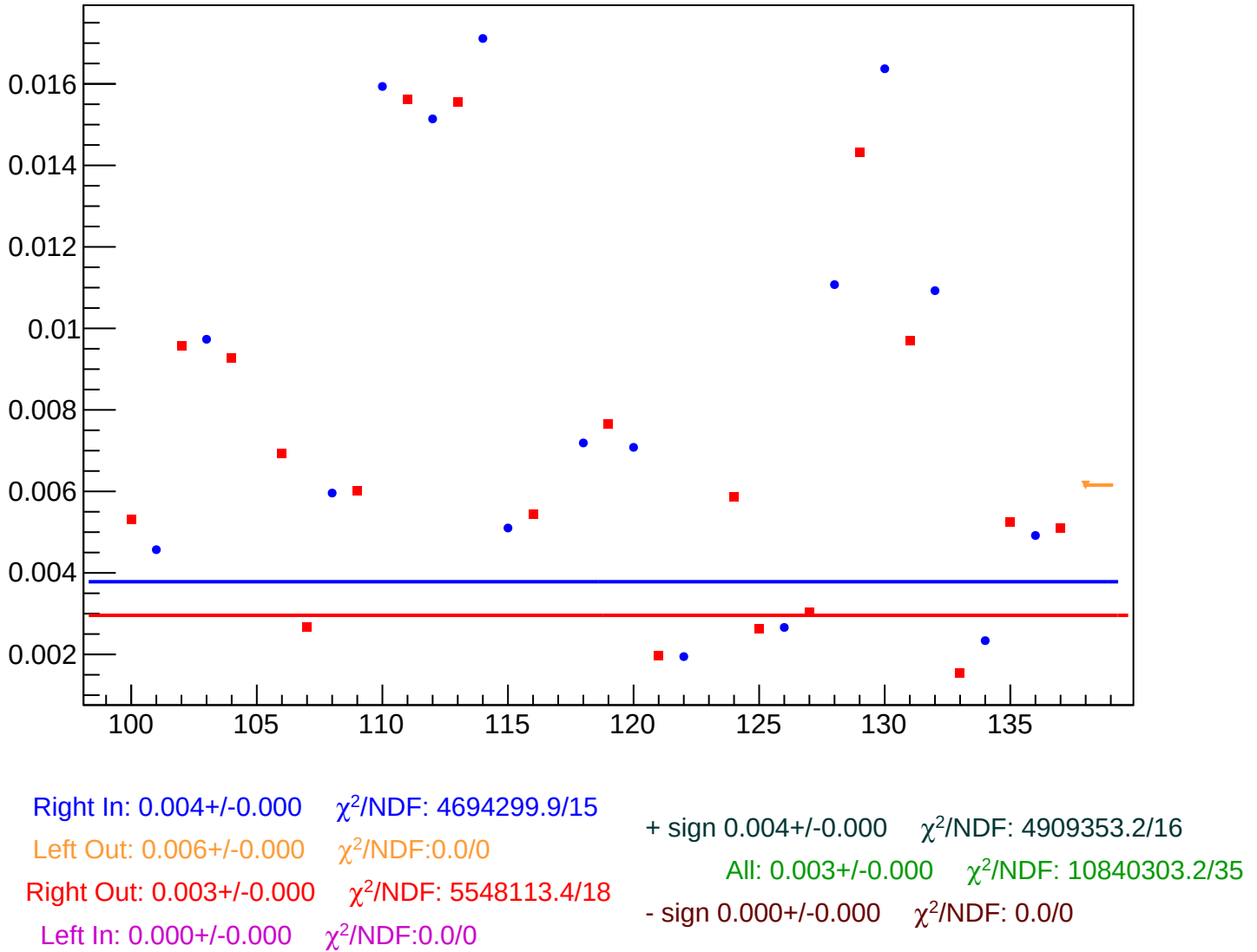
Right Out: 0.000+/-0.000 χ^2/NDF: 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

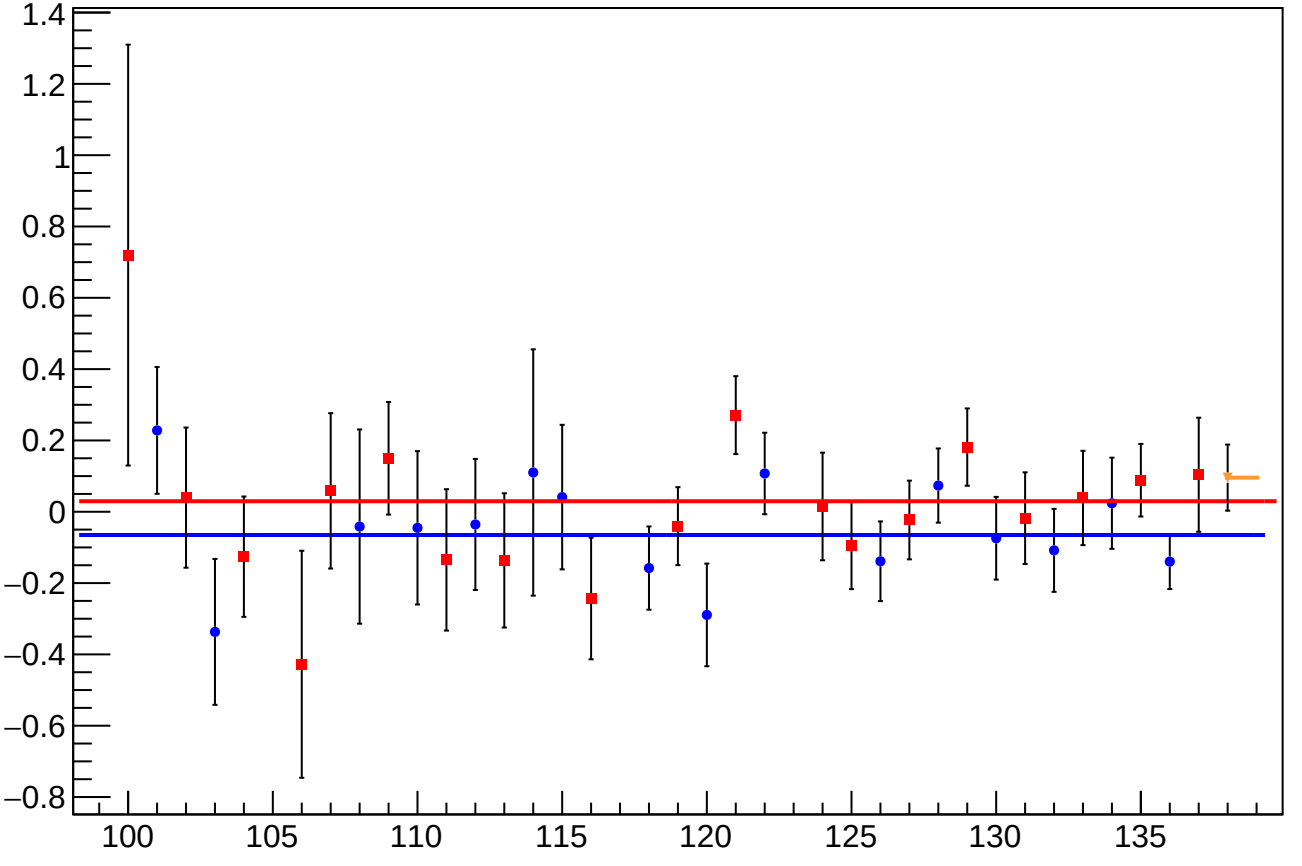
+ sign 0.000+/-0.000 χ^2/NDF: 18.4/16

All: 0.000+/-0.000 χ^2/NDF: 30.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
105
110
115
120
125
130
135
Right In: 0.004+/-0.000 χ²/NDF: 4694299.9/15
Left Out: 0.006+/-0.000 χ²/NDF:0.0/0
Right Out: 0.003+/-0.000 χ²/NDF: 5548113.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.004+/-0.000 χ²/NDF: 4909353.2/16
All: 0.003+/-0.000 χ²/NDF: 10840303.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.065+/-0.033 χ^2/NDF: 14.2/15

Left Out: 0.096+/-0.093 χ^2/NDF:0.0/0

Right Out: 0.030+/-0.033 χ^2/NDF: 18.1/18

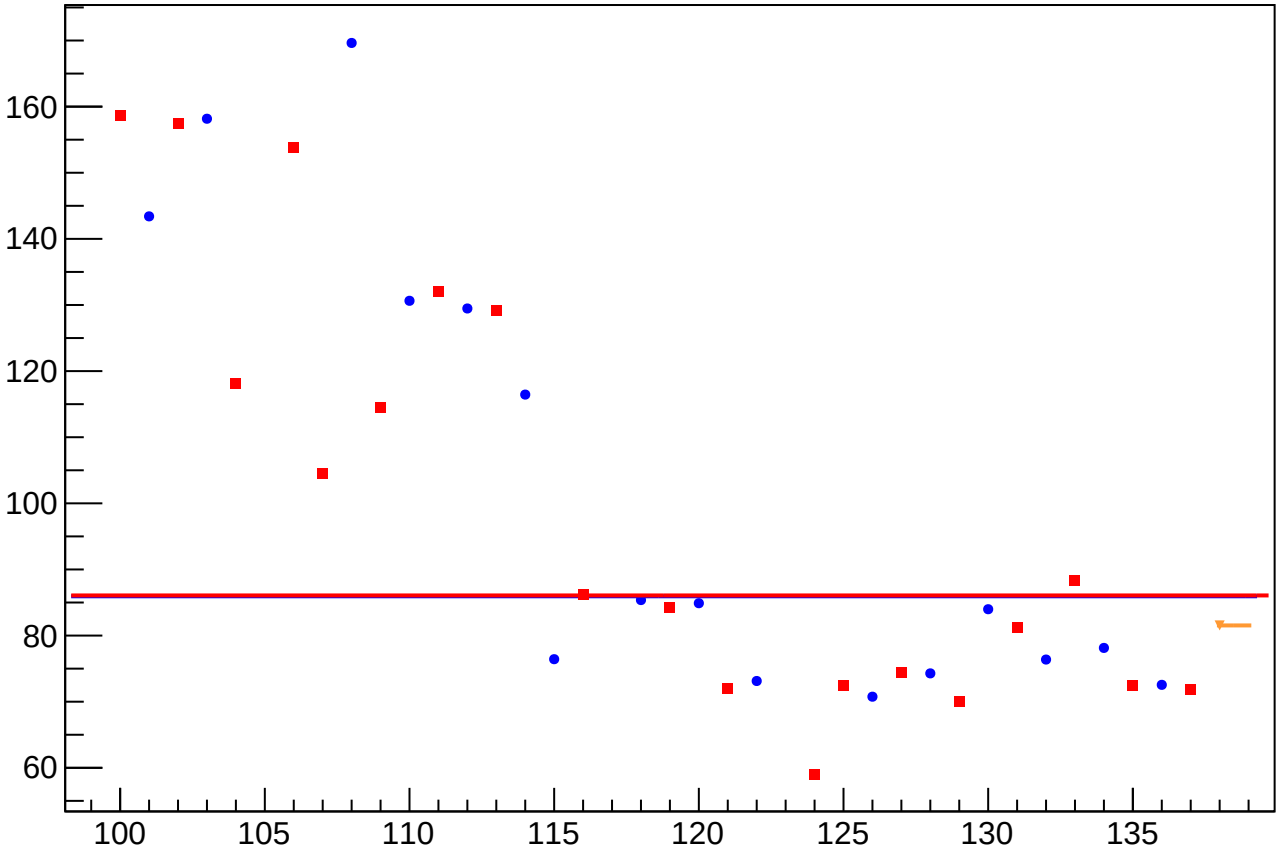
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.047+/-0.031 χ^2/NDF: 16.8/16

All: -0.011+/-0.023 χ^2/NDF: 37.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 85.943+/-0.024 χ^2/NDF: 1034986.7/15

Left Out: 81.534+/-0.066 χ^2/NDF:0.0/0

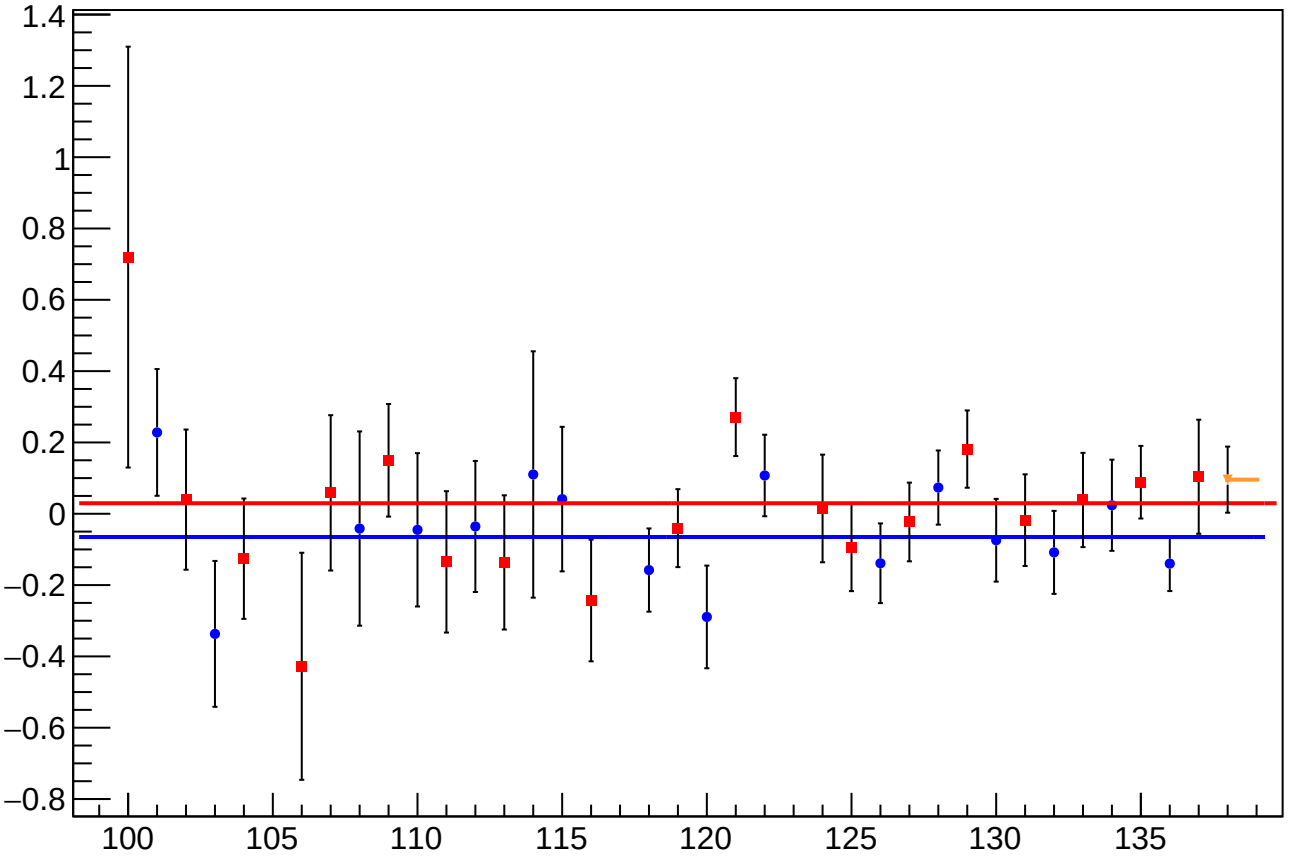
Right Out: 86.070+/-0.023 χ^2/NDF: 991365.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 85.439+/-0.022 χ^2/NDF: 1038995.1/16

All: 85.739+/-0.016 χ^2/NDF: 2030746.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.065+/-0.033 χ^2/NDF: 14.2/15

Left Out: 0.096+/-0.093 χ^2/NDF:0.0/0

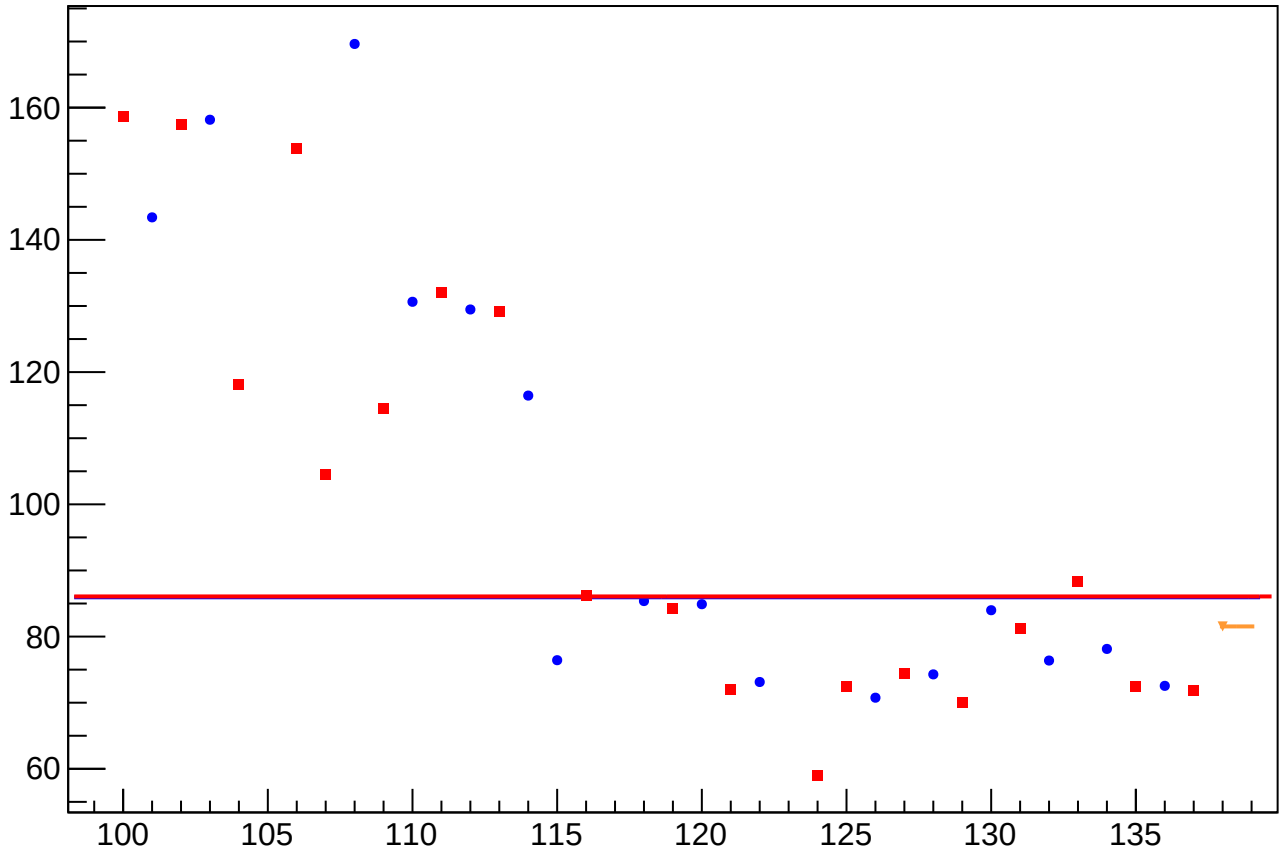
Right Out: 0.030+/-0.033 χ^2/NDF: 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.047+/-0.031 χ^2/NDF: 16.8/16

All: -0.011+/-0.023 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 85.943+/-0.024 χ^2/NDF: 1034986.7/15

Left Out: 81.534+/-0.066 χ^2/NDF:0.0/0

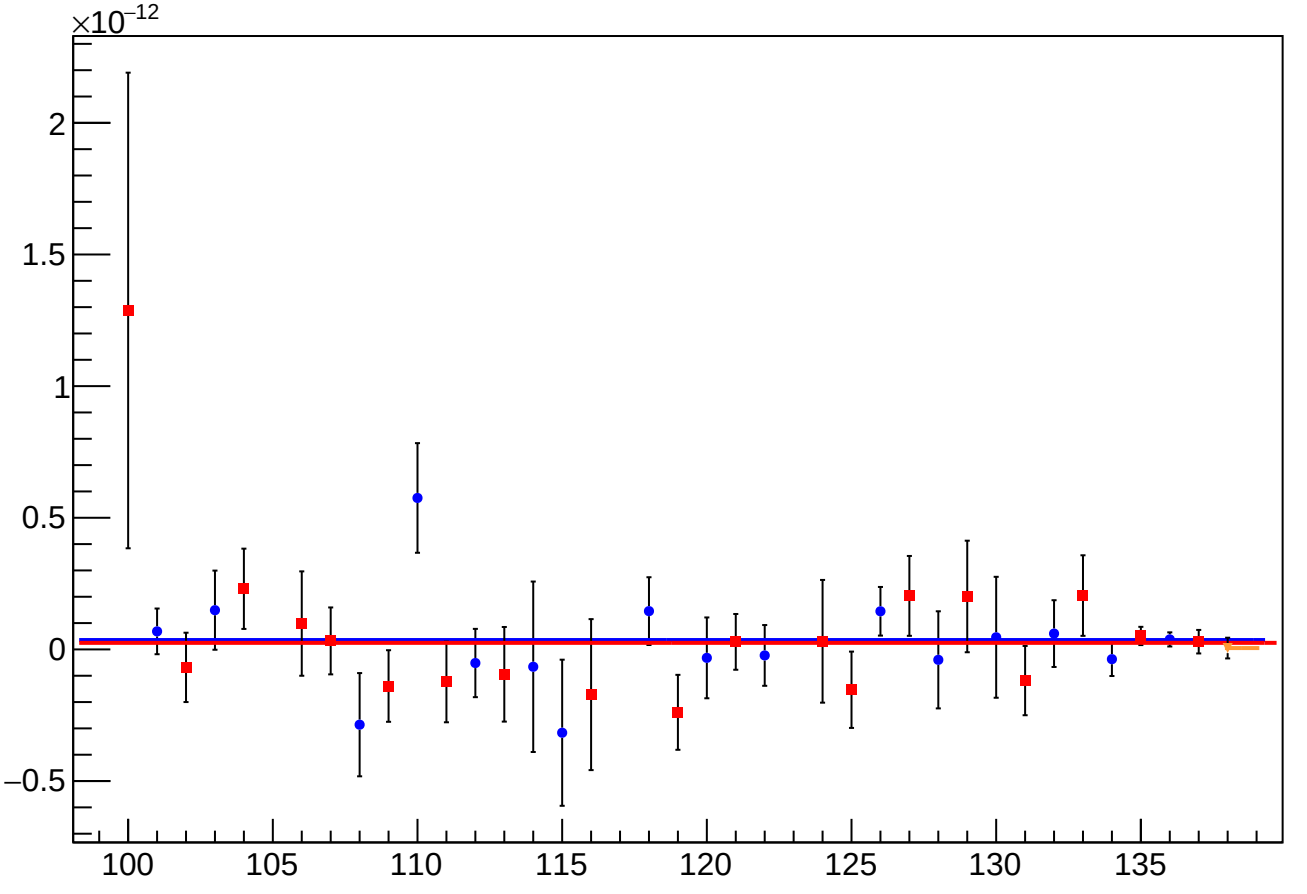
Right Out: 86.070+/-0.023 χ^2/NDF: 991365.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 85.439+/-0.022 χ^2/NDF: 1038995.1/16

All: 85.739+/-0.016 χ^2/NDF: 2030746.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

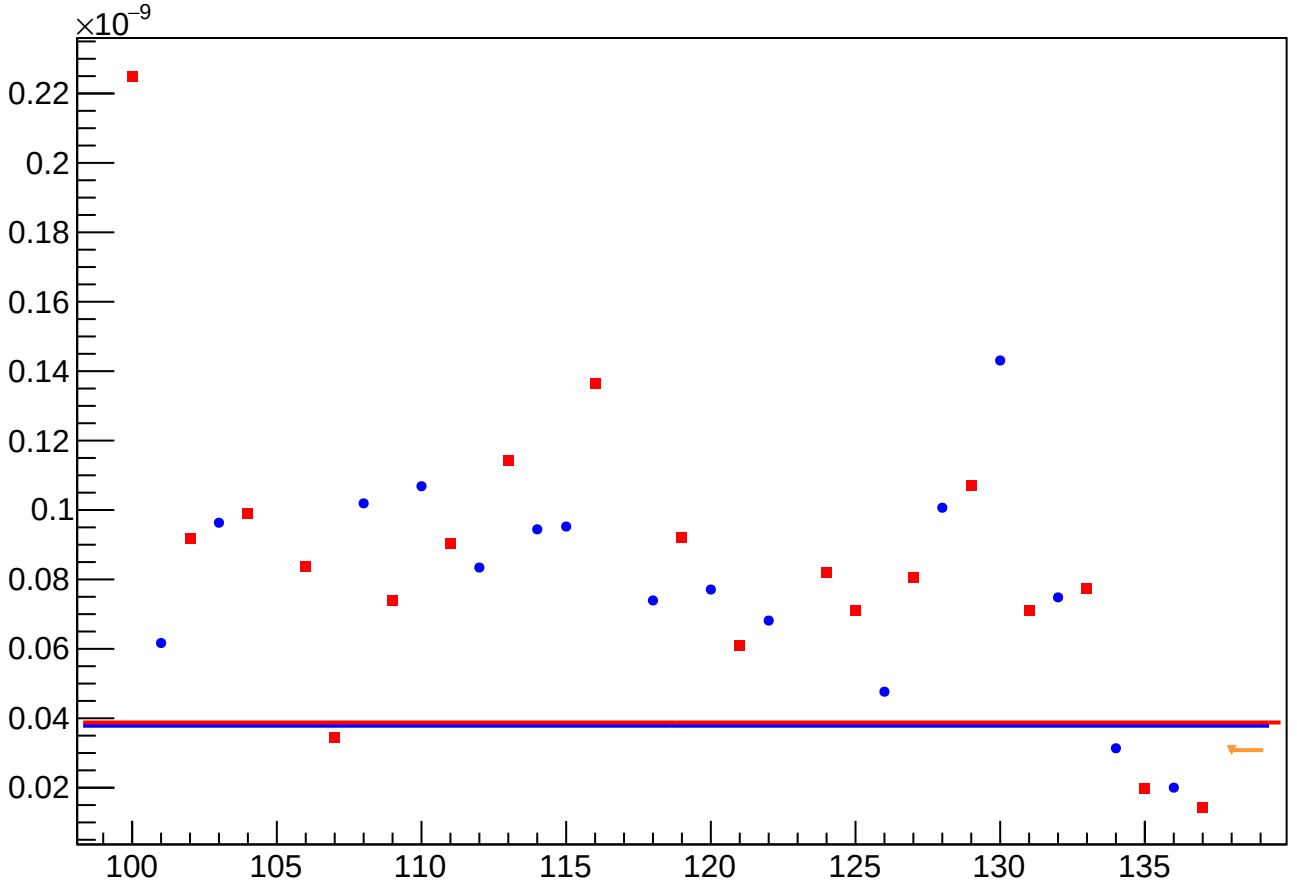
Right Out: 0.000+/-0.000 χ^2/NDF: 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 16.8/16

All: 0.000+/-0.000 χ^2/NDF: 34.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3456922.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4121603.1/18

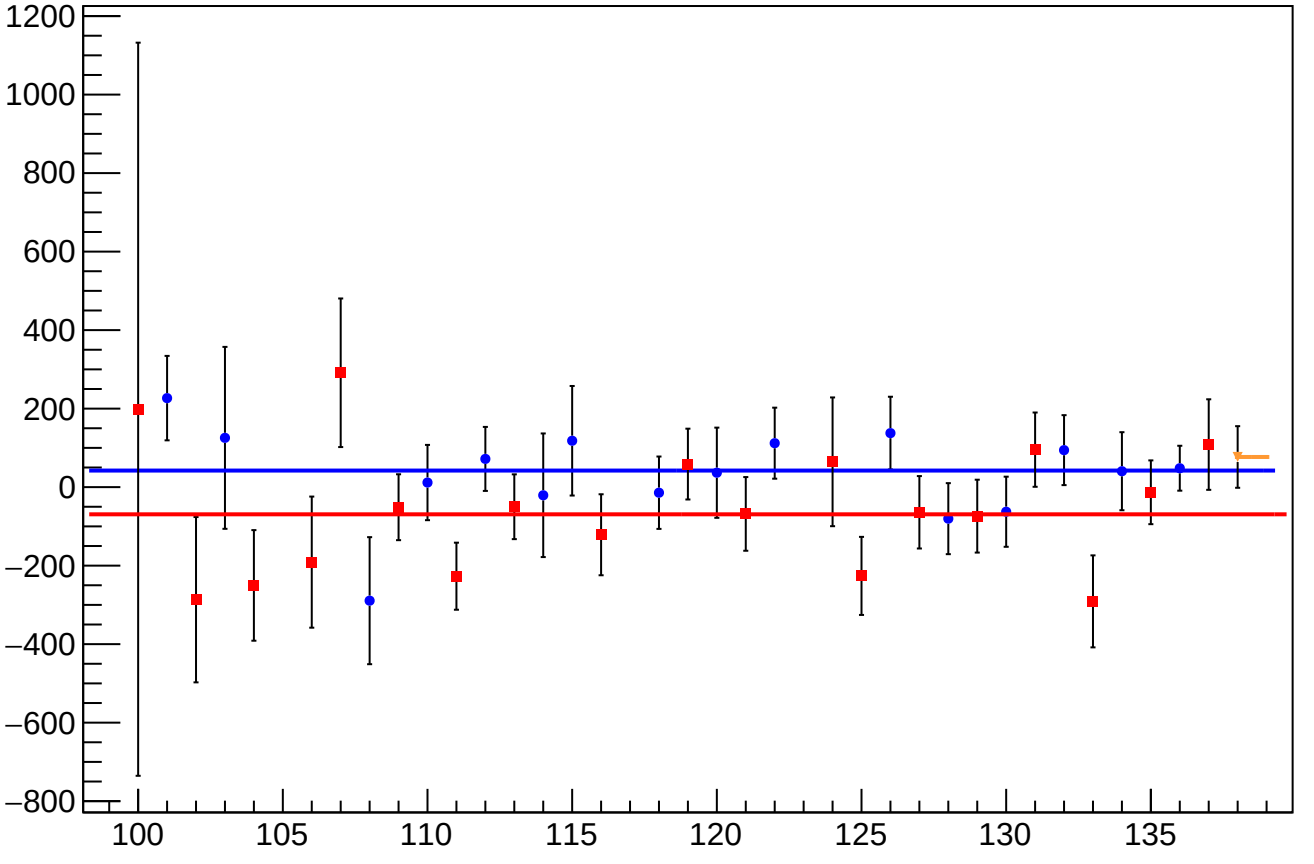
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3507027.0/16

All: 0.000+/-0.000 χ^2/NDF: 7643142.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 42.220+/-24.207 χ^2/NDF: 13.6/15

Left Out: 76.816+/-78.479 χ^2/NDF:0.0/0

Right Out: -69.249+/-24.418 χ^2/NDF: 25.4/18

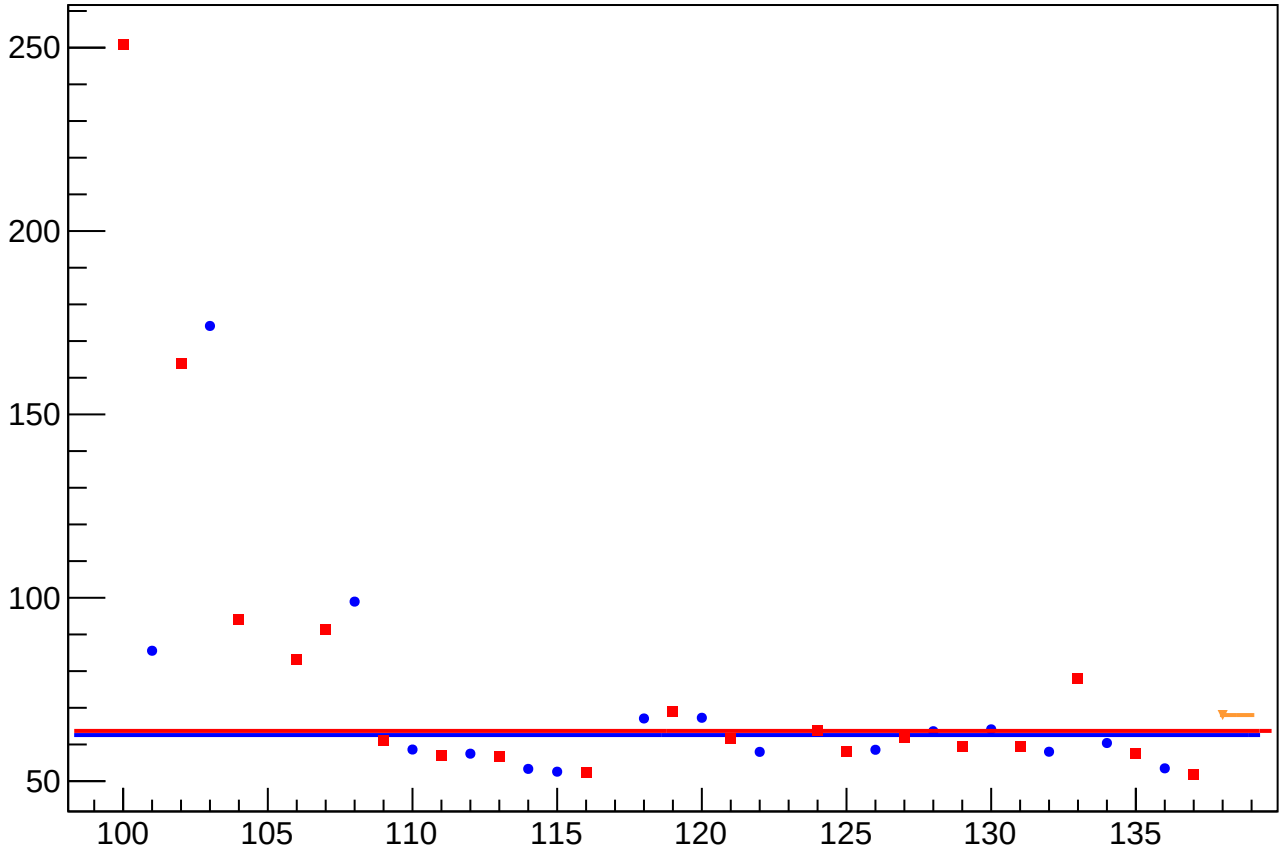
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.225+/-23.132 χ^2/NDF: 13.7/16

All: -8.917+/-16.793 χ^2/NDF: 50.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 62.566+/-0.017 χ^2/NDF: 758603.5/15

Left Out: 68.021+/-0.055 χ^2/NDF:0.0/0

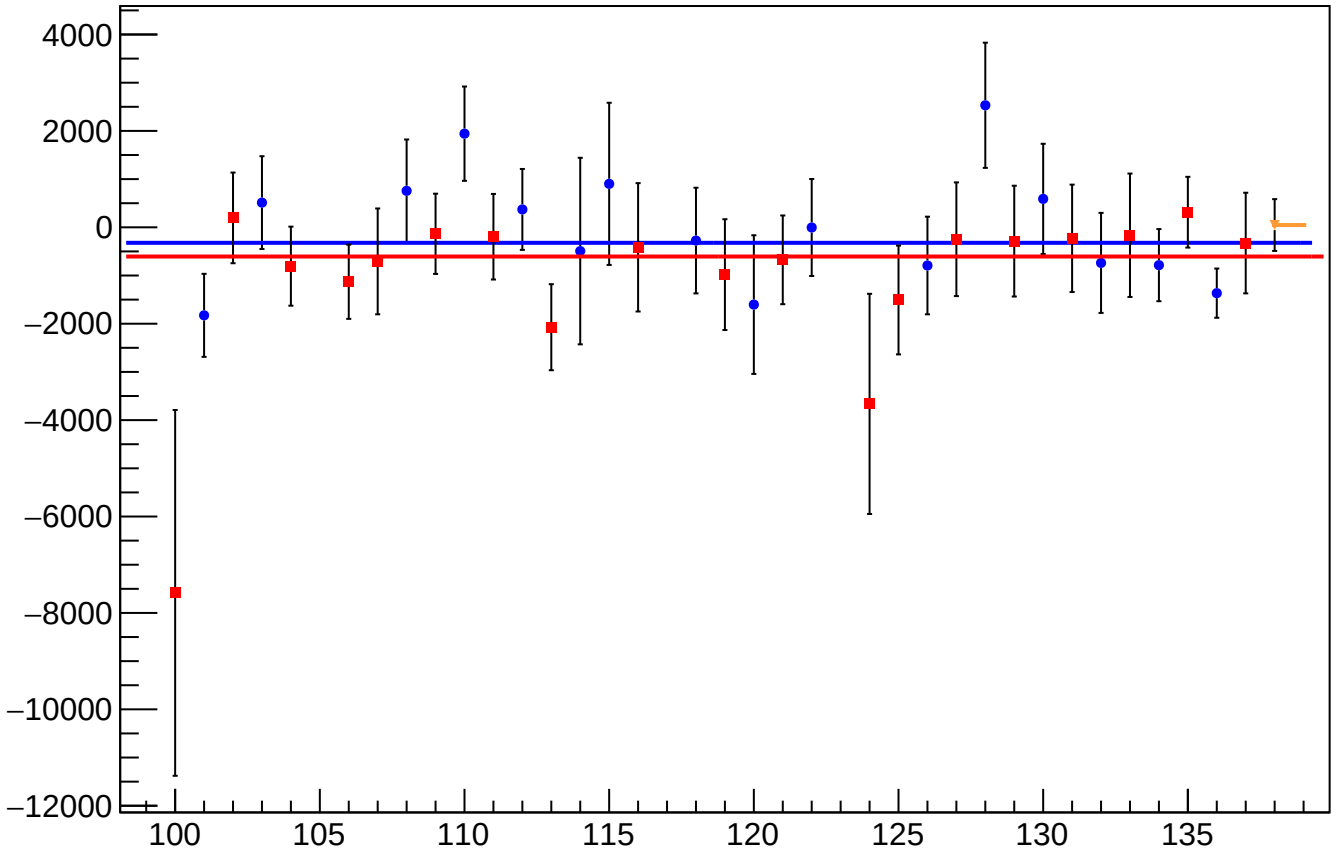
Right Out: 63.699+/-0.017 χ^2/NDF: 834180.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 63.039+/-0.016 χ^2/NDF: 767427.3/16

All: 63.352+/-0.012 χ^2/NDF: 1602377.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -321.663+/-238.482 χ^2/NDF: 22.7/15

Left Out: 47.376+/-537.252 χ^2/NDF:0.0/0

Right Out: -605.859+/-233.643 χ^2/NDF: 12.5/18

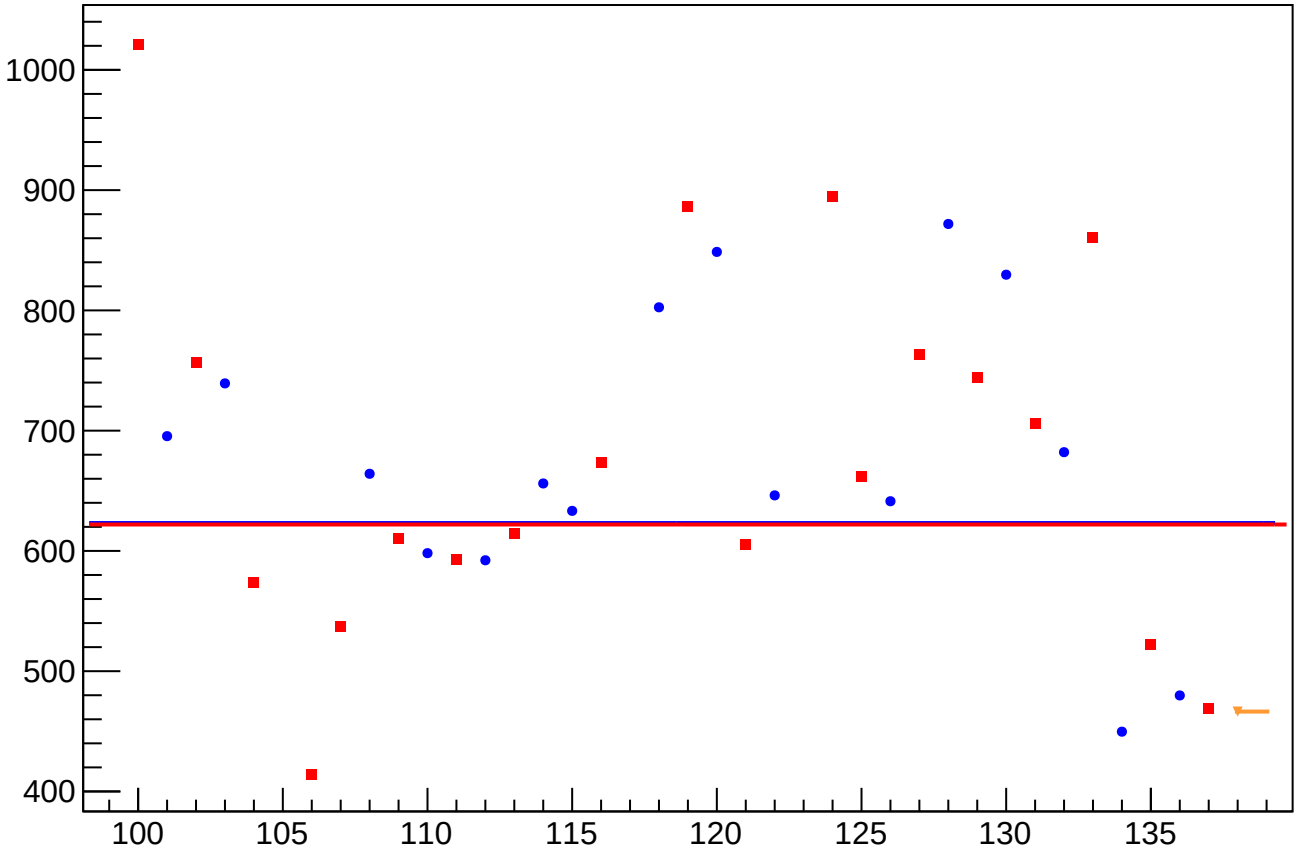
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -260.917+/-217.972 χ^2/NDF: 23.1/16

All: -421.433+/-159.382 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 623.181+/-0.169 χ^2/NDF: 565524.7/15

Left Out: 466.418+/-0.380 χ^2/NDF:0.0/0

Right Out: 621.975+/-0.165 χ^2/NDF: 582591.9/18

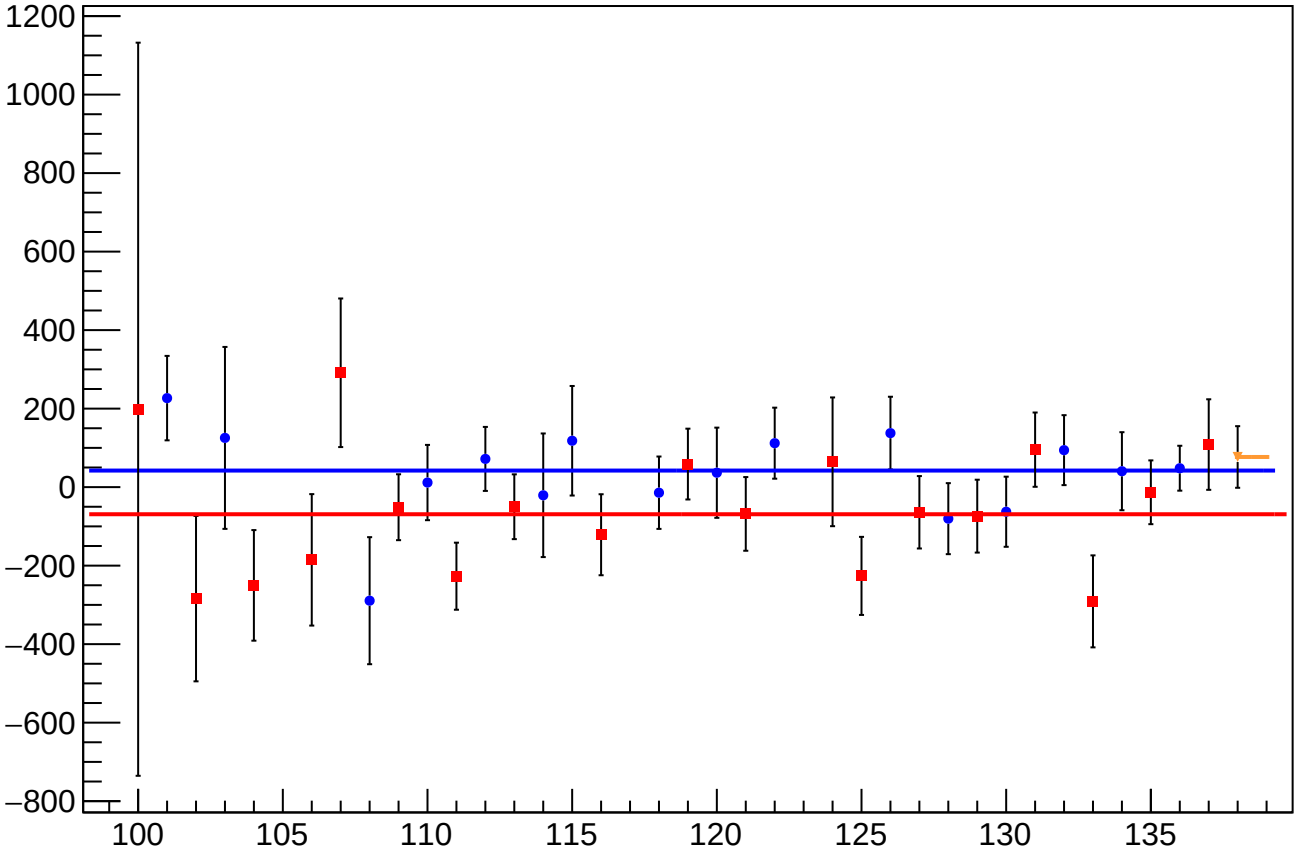
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 597.377+/-0.154 χ^2/NDF: 707774.6/16

All: 608.823+/-0.113 χ^2/NDF: 1302218.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 42.213+/-24.207 χ^2/NDF: 13.6/15

Left Out: 76.816+/-78.479 χ^2/NDF:0.0/0

Right Out: -69.068+/-24.420 χ^2/NDF: 25.3/18

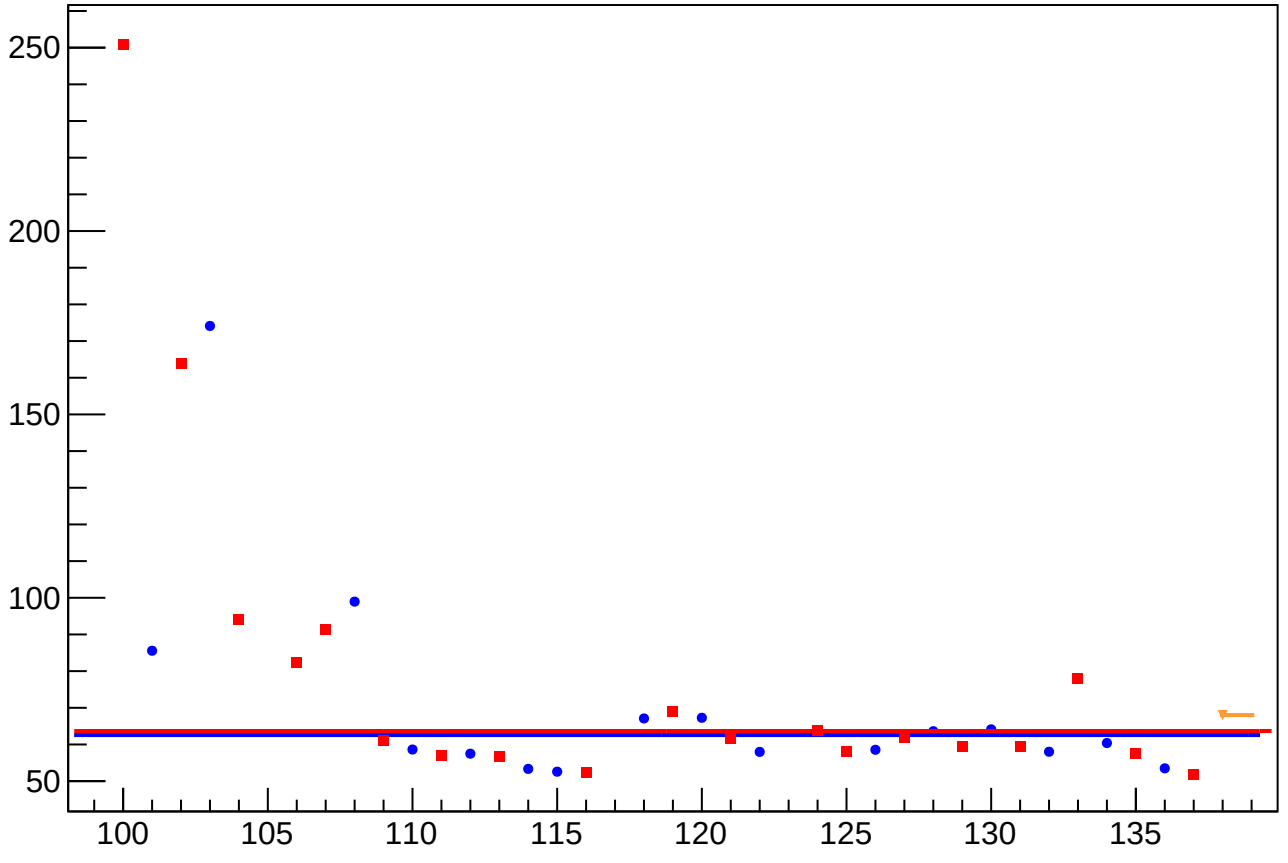
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.220+/-23.132 χ^2/NDF: 13.7/16

All: -8.831+/-16.793 χ^2/NDF: 50.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 62.566+/-0.017 χ^2/NDF: 758605.6/15

Left Out: 68.021+/-0.055 χ^2/NDF:0.0/0

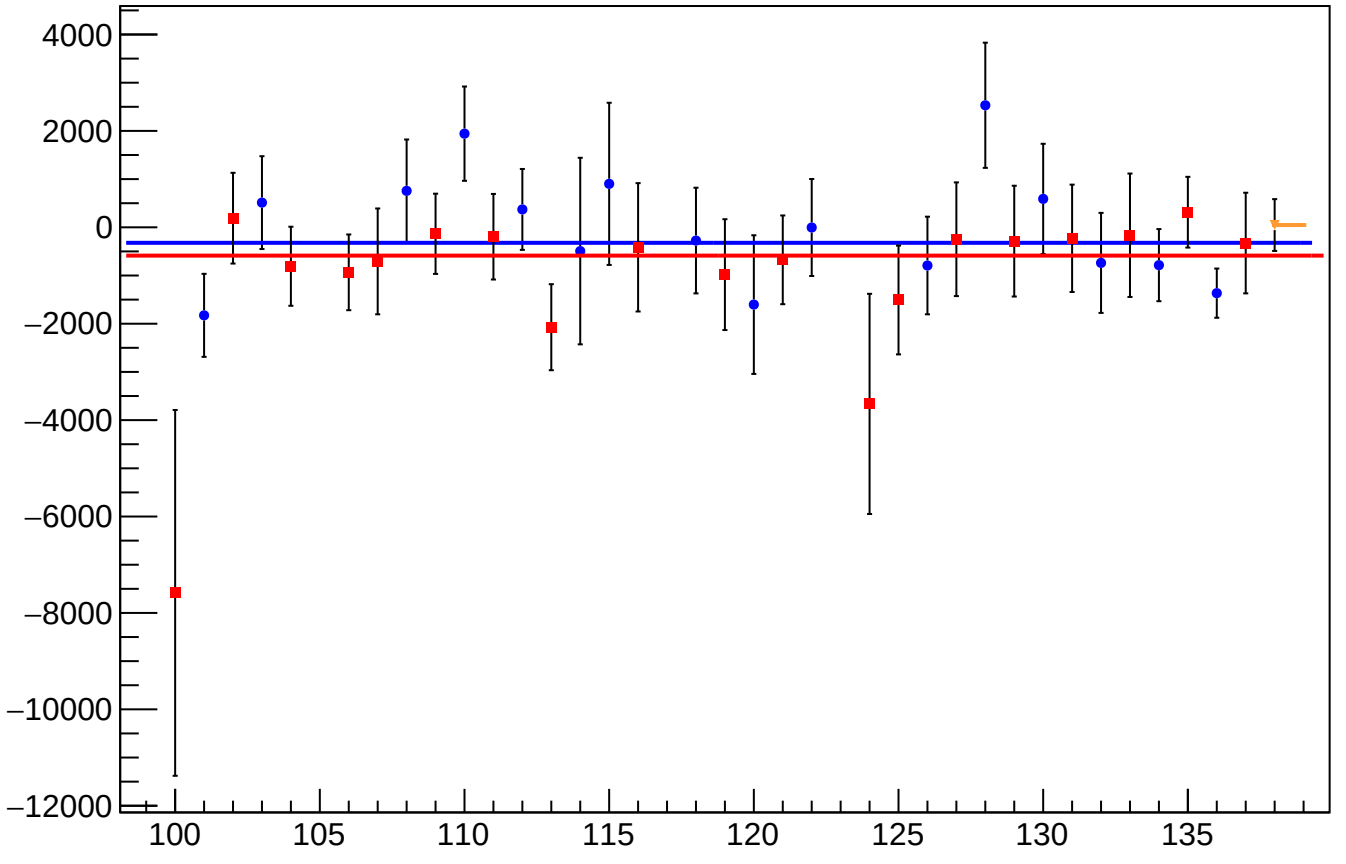
Right Out: 63.675+/-0.017 χ^2/NDF: 831432.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 63.039+/-0.016 χ^2/NDF: 767429.4/16

All: 63.340+/-0.012 χ^2/NDF: 1599576.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -321.660+/-238.484 χ^2/NDF: 22.7/15

Left Out: 47.372+/-537.253 χ^2/NDF:0.0/0

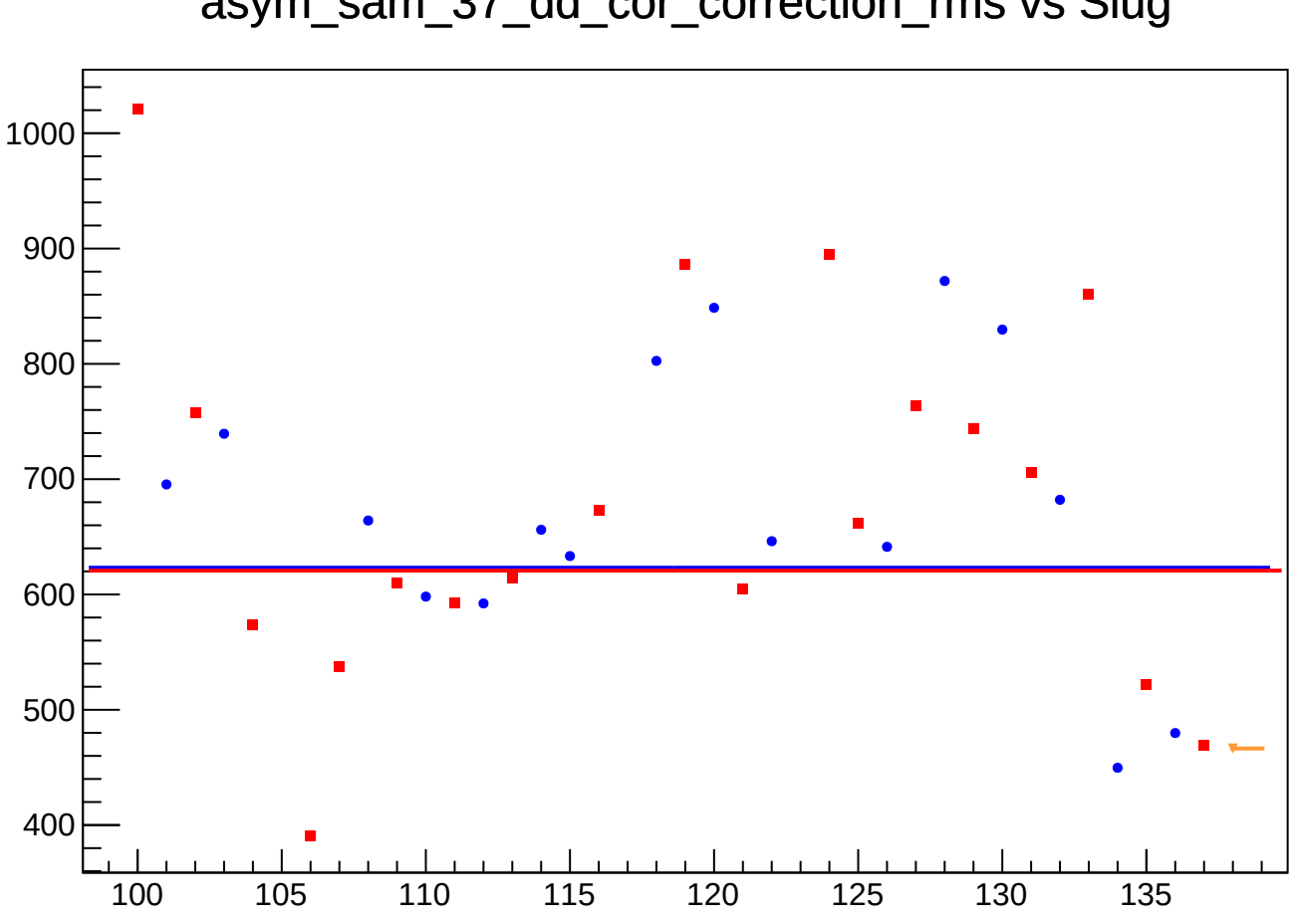
Right Out: -587.224+/-234.080 χ^2/NDF: 12.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -260.915+/-217.974 χ^2/NDF: 23.1/16

All: -412.458+/-159.521 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 623.184+/-0.169 χ^2/NDF: 565557.0/15

Left Out: 466.418+/-0.380 χ^2/NDF:0.0/0

Right Out: 620.673+/-0.166 χ^2/NDF: 610523.8/18

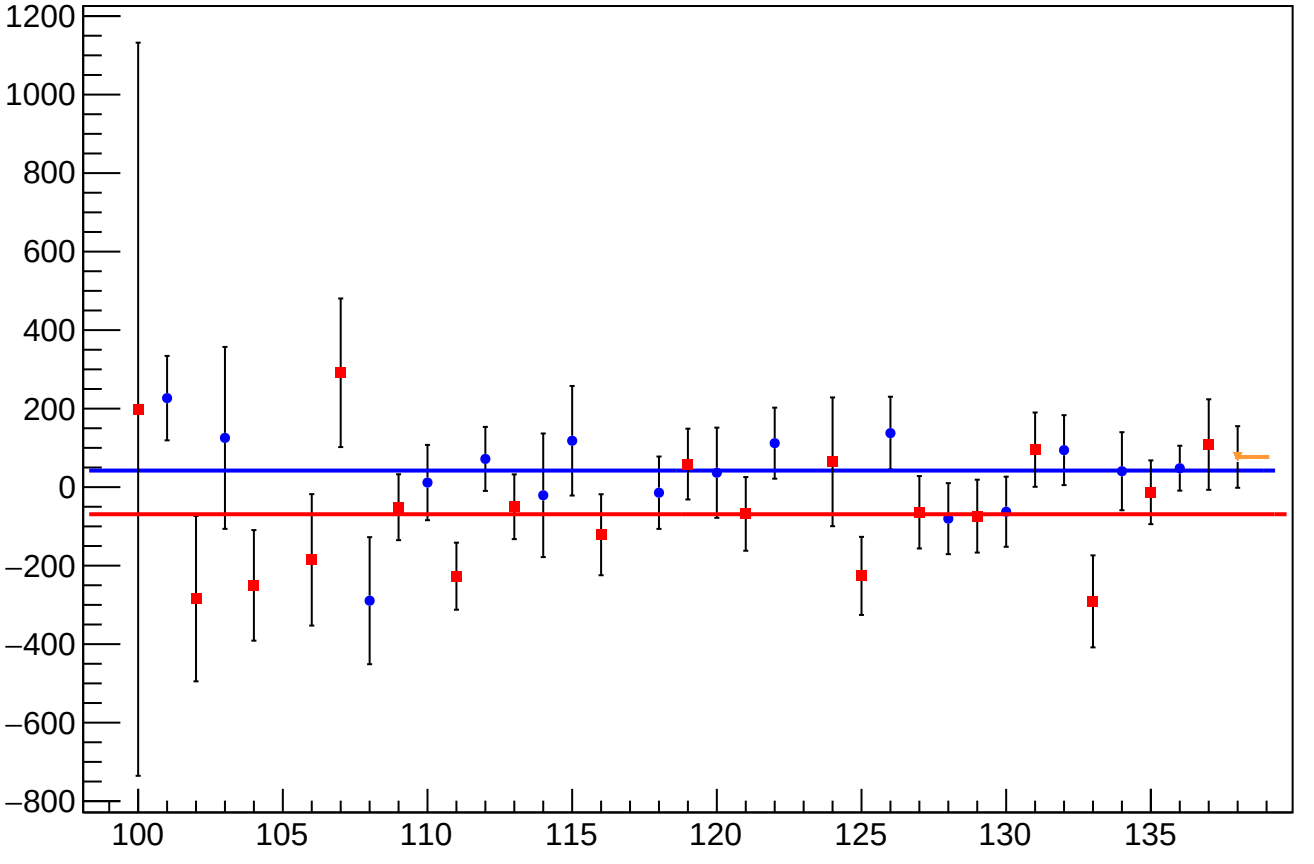
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 597.379+/-0.154 χ^2/NDF: 707810.9/16

All: 608.197+/-0.113 χ^2/NDF: 1328942.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 42.213+/-24.207 χ^2/NDF: 13.6/15

Left Out: 76.816+/-78.479 χ^2/NDF:0.0/0

Right Out: -69.068+/-24.420 χ^2/NDF: 25.3/18

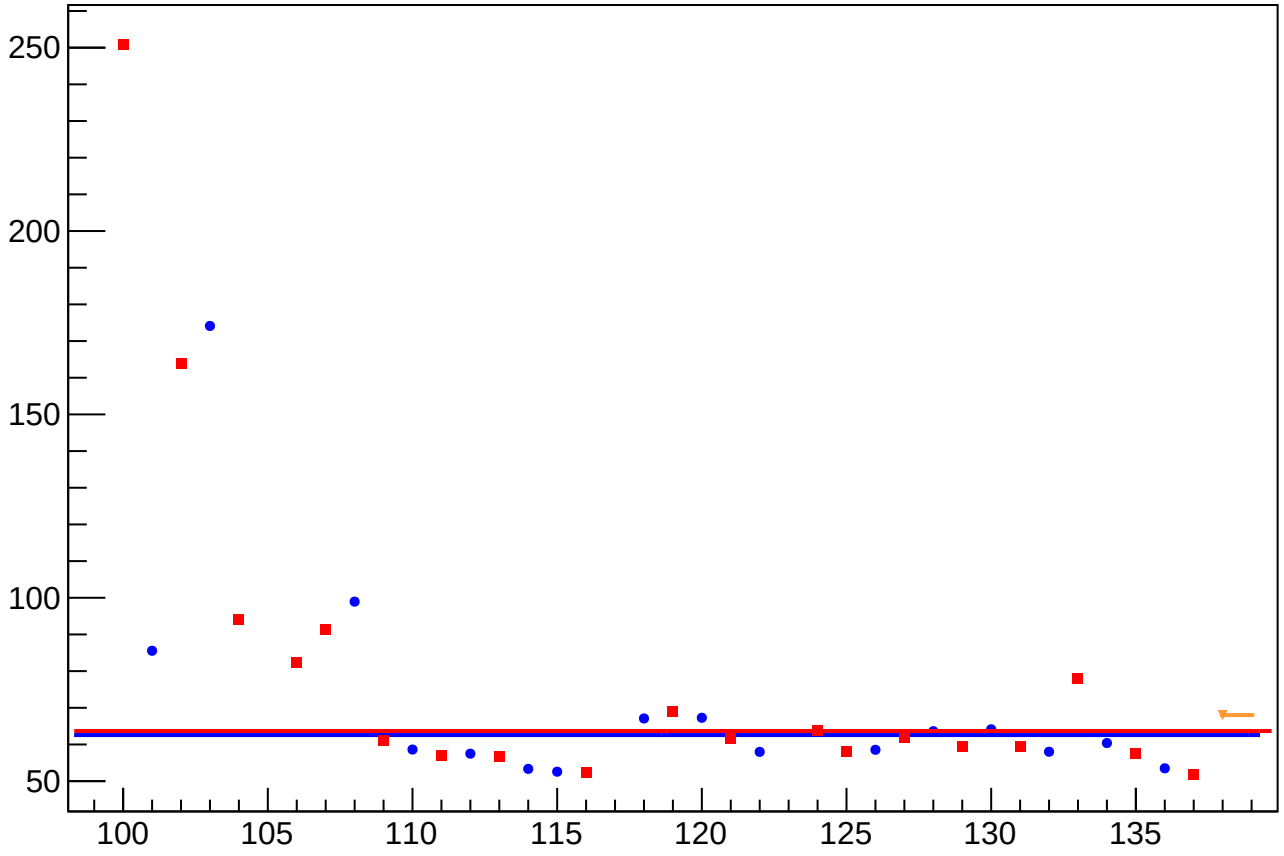
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 45.220+/-23.132 χ^2/NDF: 13.7/16

All: -8.831+/-16.793 χ^2/NDF: 50.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 62.566+/-0.017 χ^2/NDF: 758605.6/15

Left Out: 68.021+/-0.055 χ^2/NDF:0.0/0

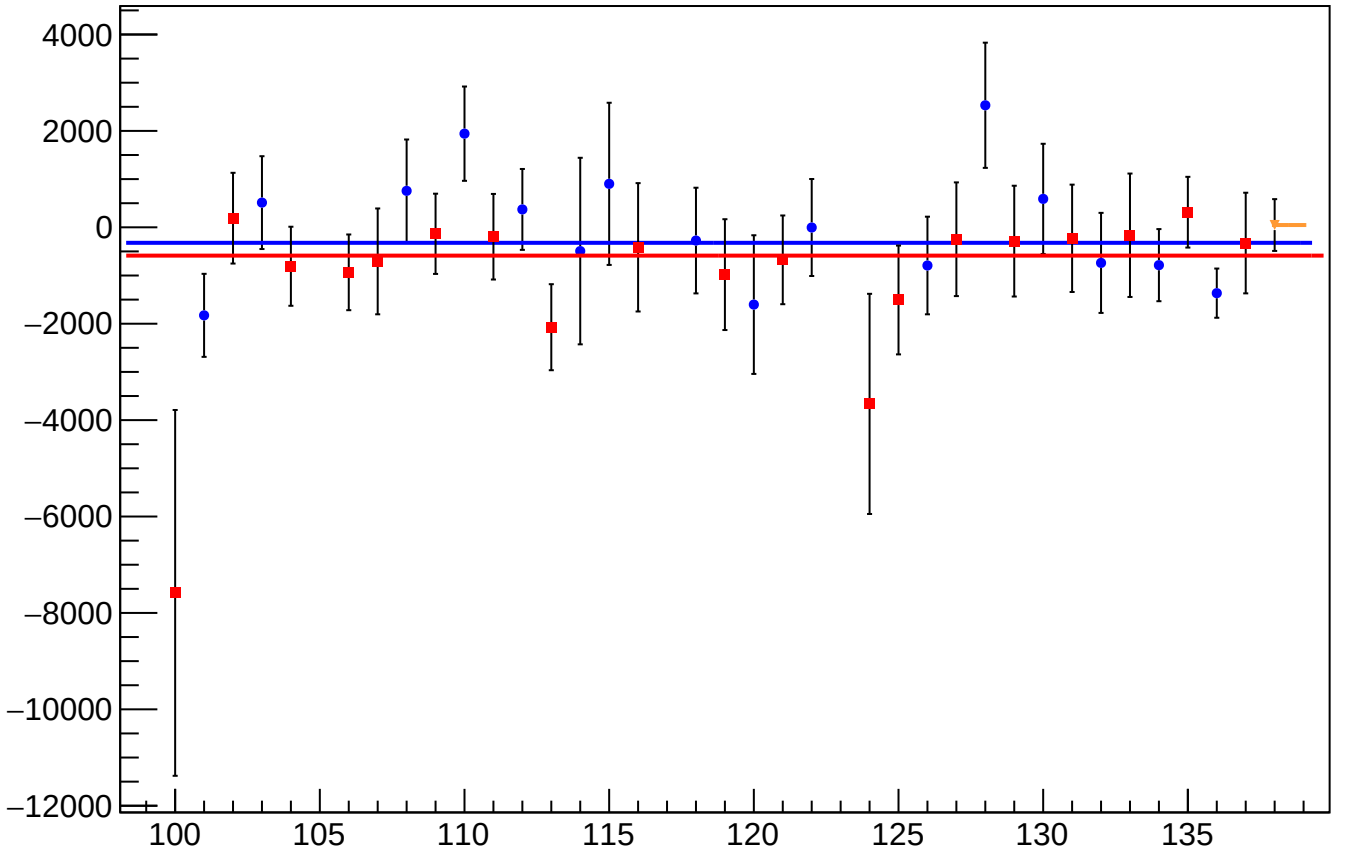
Right Out: 63.675+/-0.017 χ^2/NDF: 831432.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 63.039+/-0.016 χ^2/NDF: 767429.4/16

All: 63.340+/-0.012 χ^2/NDF: 1599576.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -321.660+/-238.484 χ^2/NDF: 22.7/15

Left Out: 47.372+/-537.253 χ^2/NDF:0.0/0

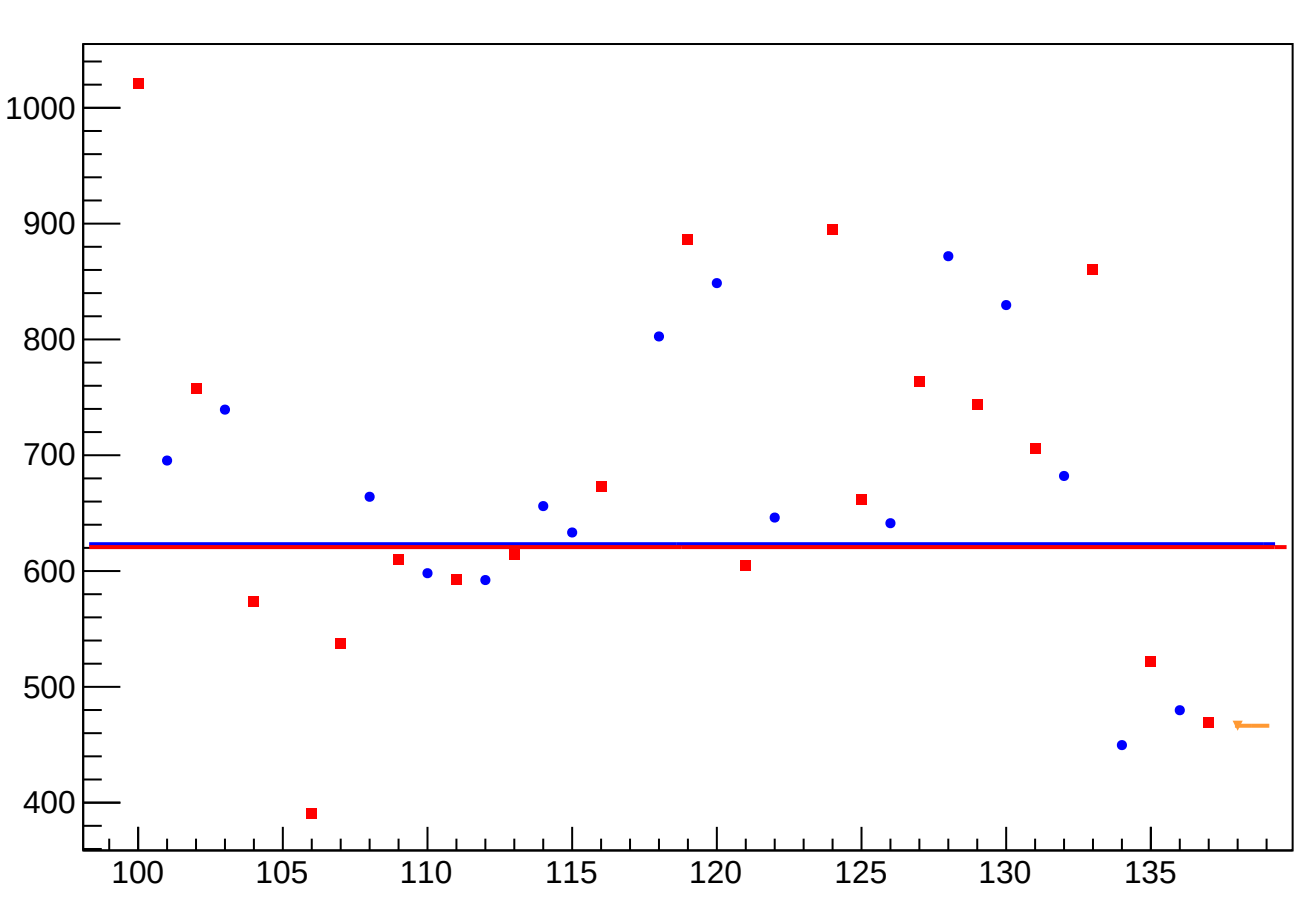
Right Out: -587.224+/-234.080 χ^2/NDF: 12.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -260.915+/-217.974 χ^2/NDF: 23.1/16

All: -412.458+/-159.521 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 623.184+/-0.169 χ^2/NDF: 565557.0/15

Left Out: 466.418+/-0.380 χ^2/NDF:0.0/0

Right Out: 620.673+/-0.166 χ^2/NDF: 610523.8/18

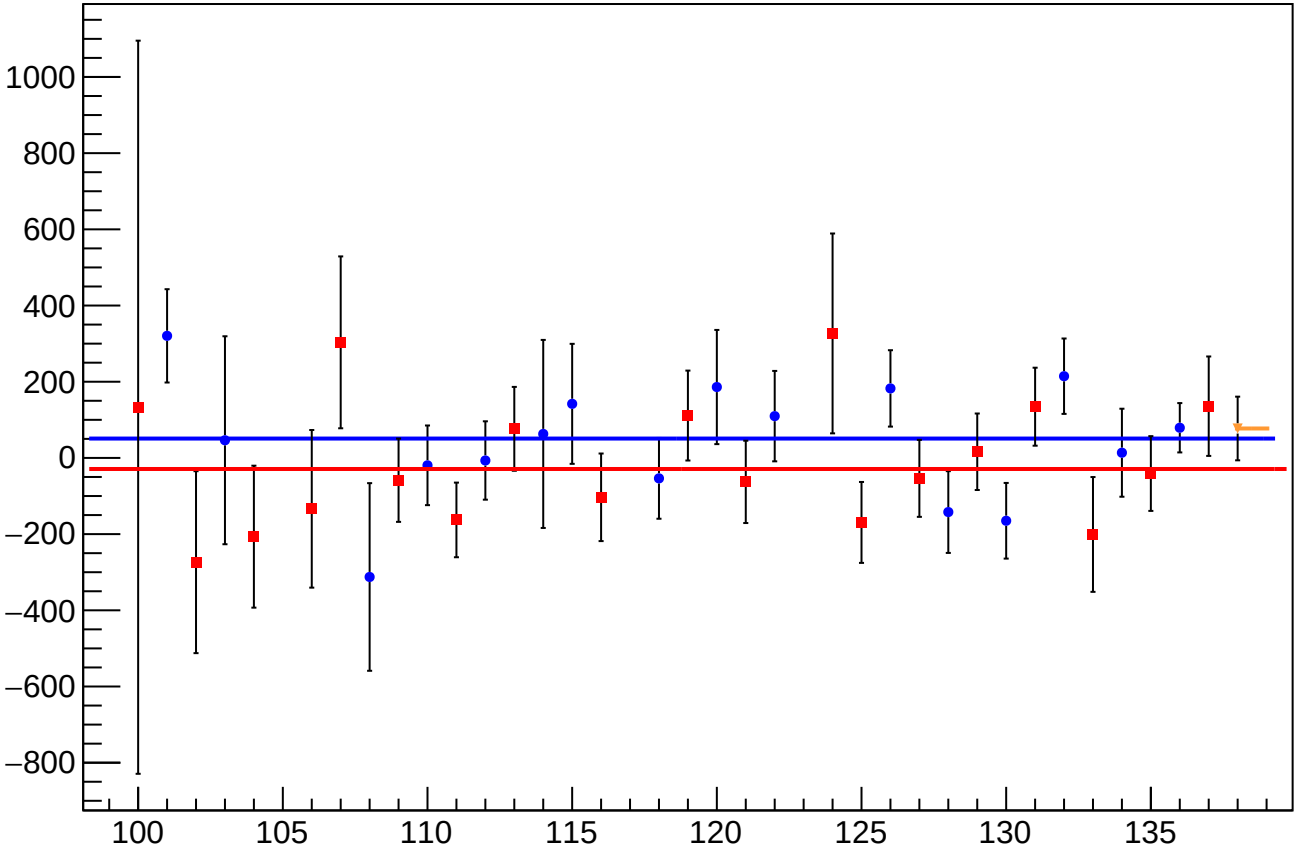
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 597.379+/-0.154 χ^2/NDF: 707810.9/16

All: 608.197+/-0.113 χ^2/NDF: 1328942.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 50.840+/-28.316 χ^2/NDF: 22.9/15

Left Out: 77.263+/-83.553 χ^2/NDF:0.0/0

Right Out: -29.040+/-28.910 χ^2/NDF: 18.5/18

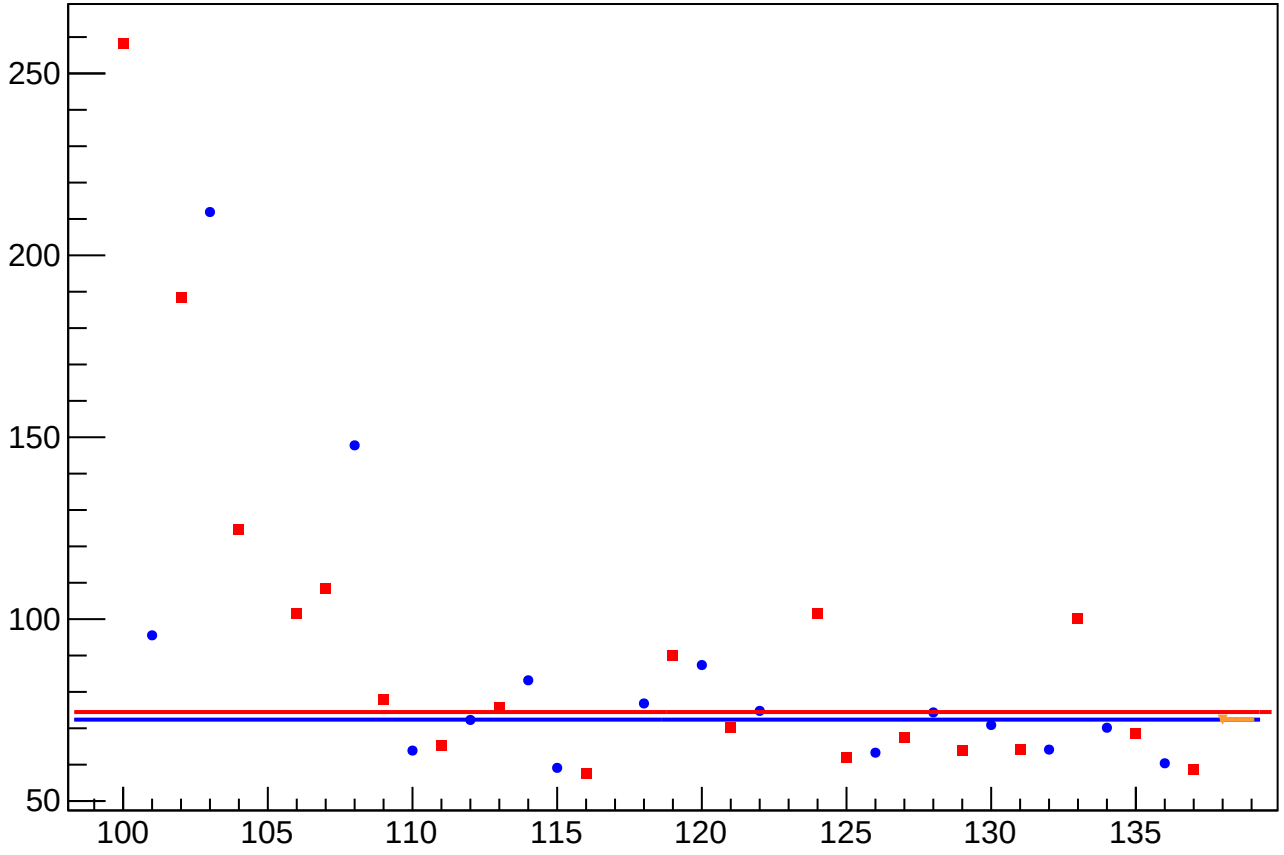
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.562+/-26.818 χ^2/NDF: 23.0/16

All: 15.357+/-19.661 χ^2/NDF: 45.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 72.378+/-0.020 χ^2/NDF: 938175.3/15

Left Out: 72.360+/-0.059 χ^2/NDF:0.0/0

Right Out: 74.463+/-0.020 χ^2/NDF: 1052296.6/18

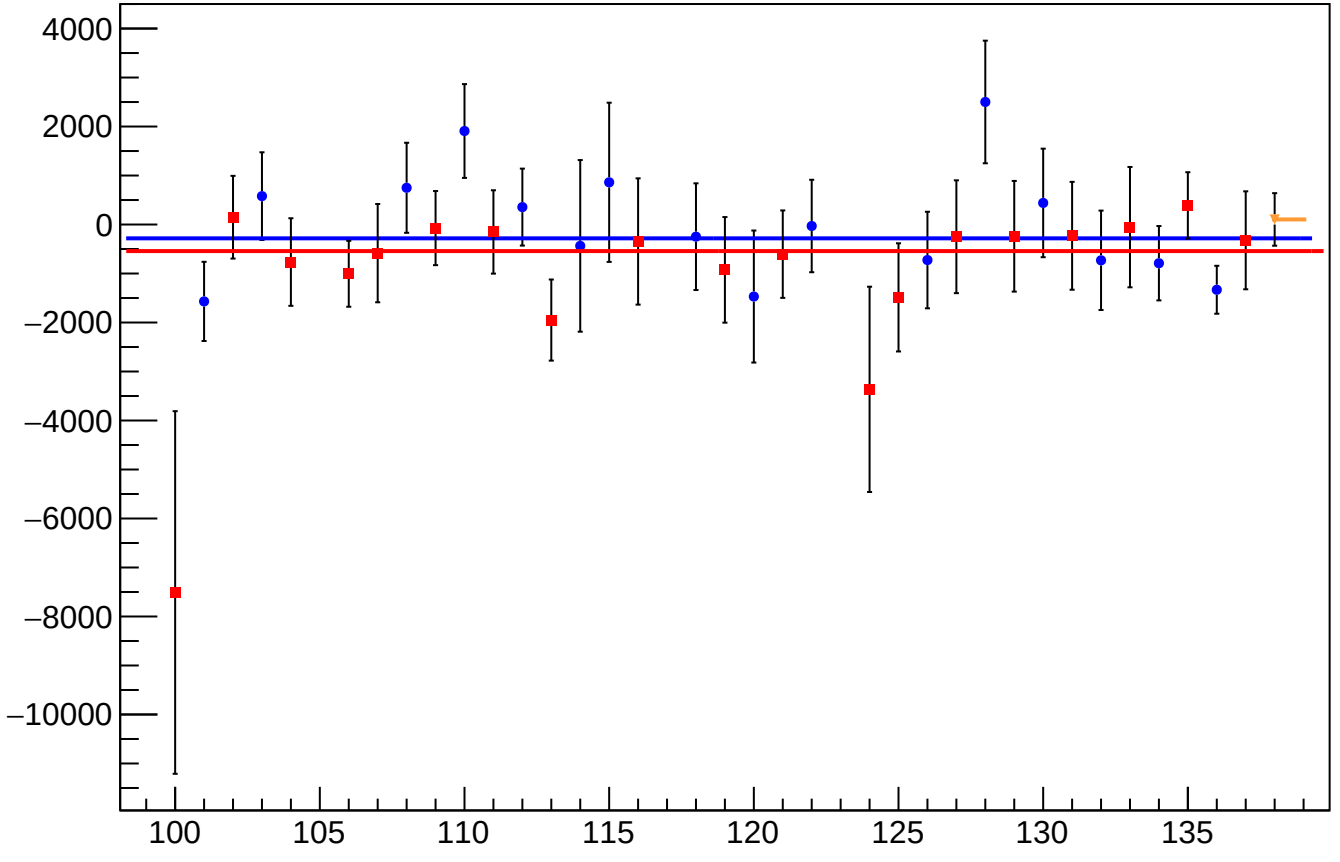
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 72.376+/-0.019 χ^2/NDF: 938175.4/16

All: 73.341+/-0.014 χ^2/NDF: 1996076.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: -282.039+/-227.789 χ^2/NDF: 22.8/15

Left Out: 103.768+/-536.083 χ^2/NDF:0.0/0

Right Out: -542.028+/-220.904 χ^2/NDF: 13.3/18

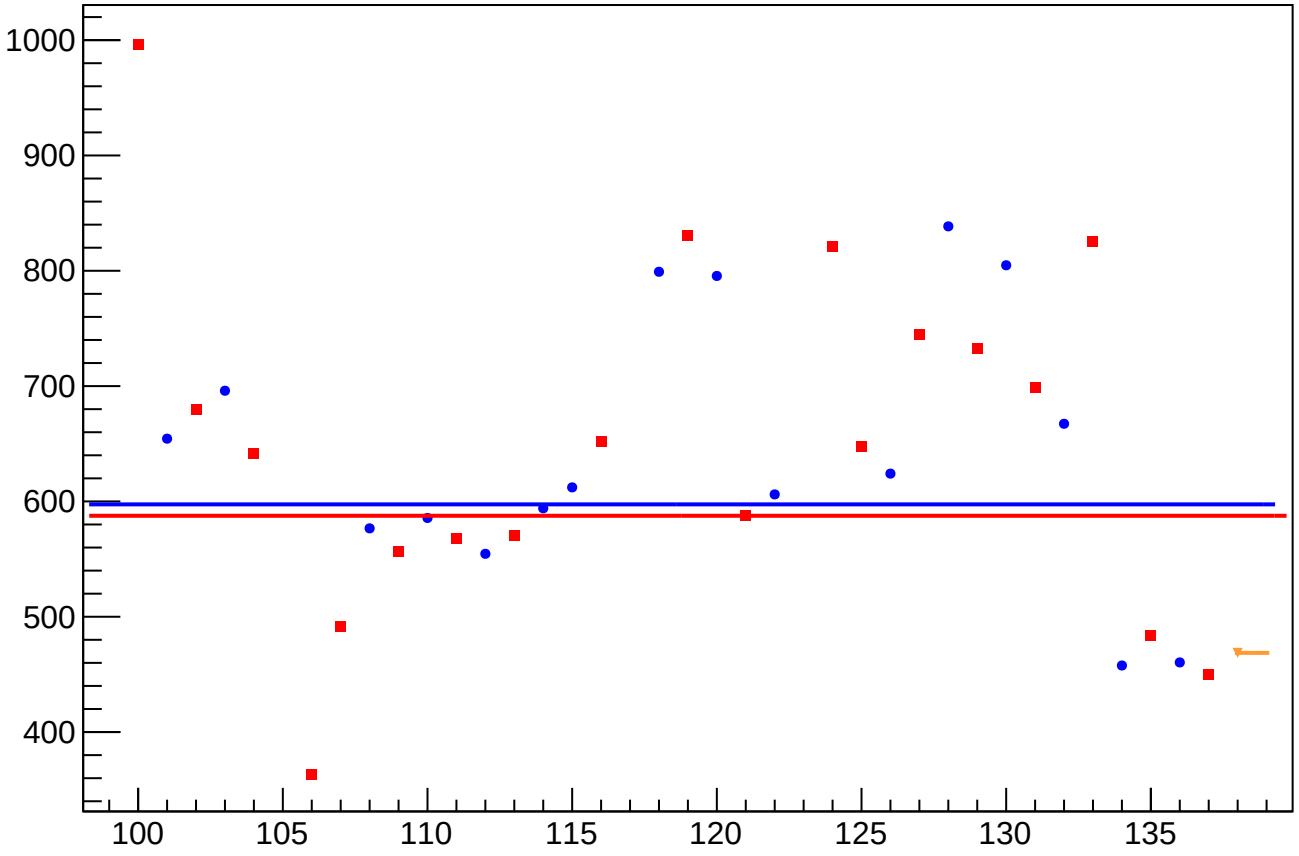
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -223.034+/-209.648 χ^2/NDF: 23.2/16

All: -374.197+/-152.067 χ^2/NDF: 37.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 597.438+/-0.161 χ^2/NDF: 533791.9/15

Left Out: 468.667+/-0.379 χ^2/NDF:0.0/0

Right Out: 587.565+/-0.156 χ^2/NDF: 689035.8/18

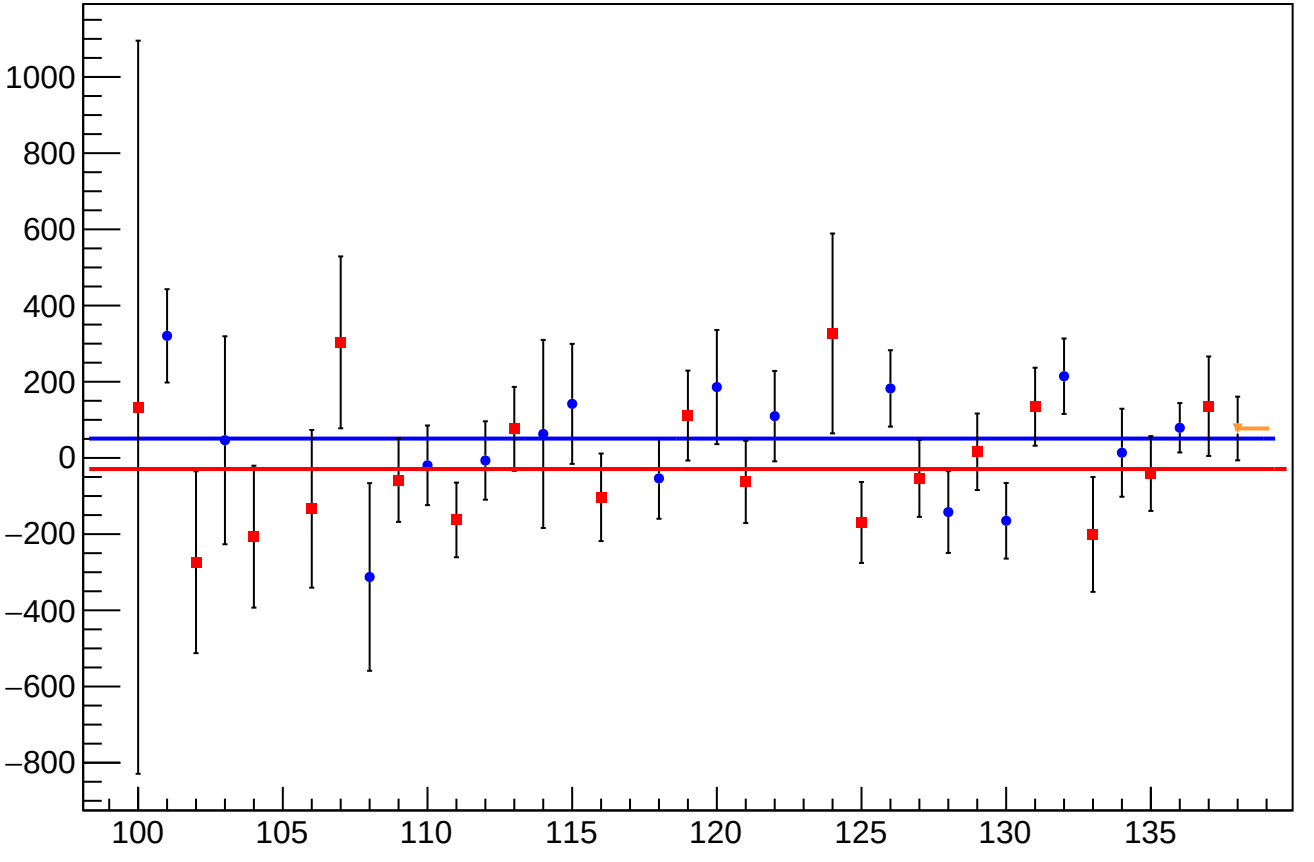
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 577.744+/-0.148 χ^2/NDF: 631542.0/16

All: 582.398+/-0.108 χ^2/NDF: 1322657.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 50.840+/-28.316 χ^2/NDF: 22.9/15

Left Out: 77.264+/-83.553 χ^2/NDF:0.0/0

Right Out: -29.038+/-28.910 χ^2/NDF: 18.5/18

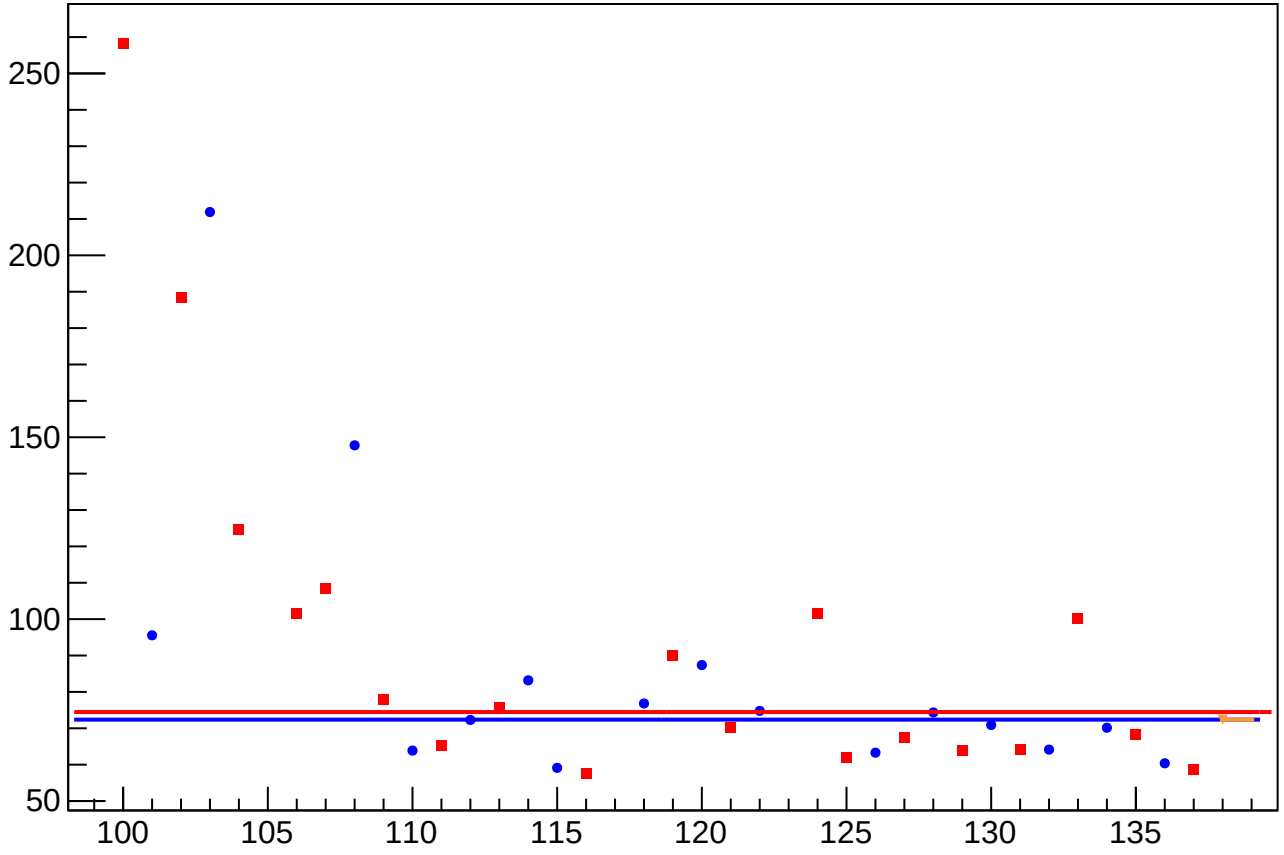
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.562+/-26.818 χ^2/NDF: 23.0/16

All: 15.358+/-19.661 χ^2/NDF: 45.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 72.378+/-0.020 χ^2/NDF: 938180.0/15

Left Out: 72.360+/-0.059 χ^2/NDF:0.0/0

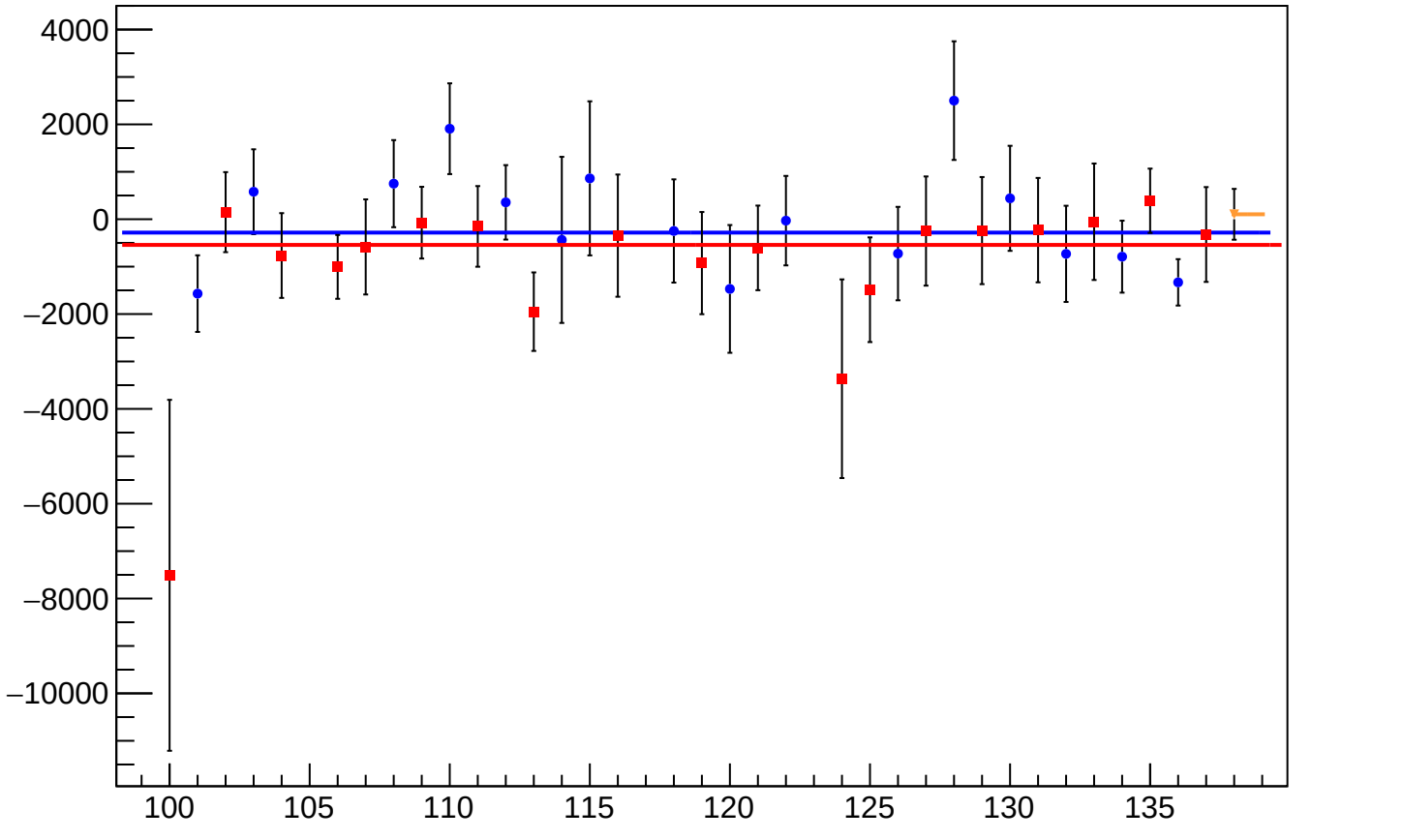
Right Out: 74.463+/-0.020 χ^2/NDF: 1052290.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 72.376+/-0.019 χ^2/NDF: 938180.1/16

All: 73.341+/-0.014 χ^2/NDF: 1996075.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -282.038+/-227.789 χ^2/NDF: 22.8/15

Left Out: 103.768+/-536.085 χ^2/NDF:0.0/0

Right Out: -542.028+/-220.904 χ^2/NDF: 13.3/18

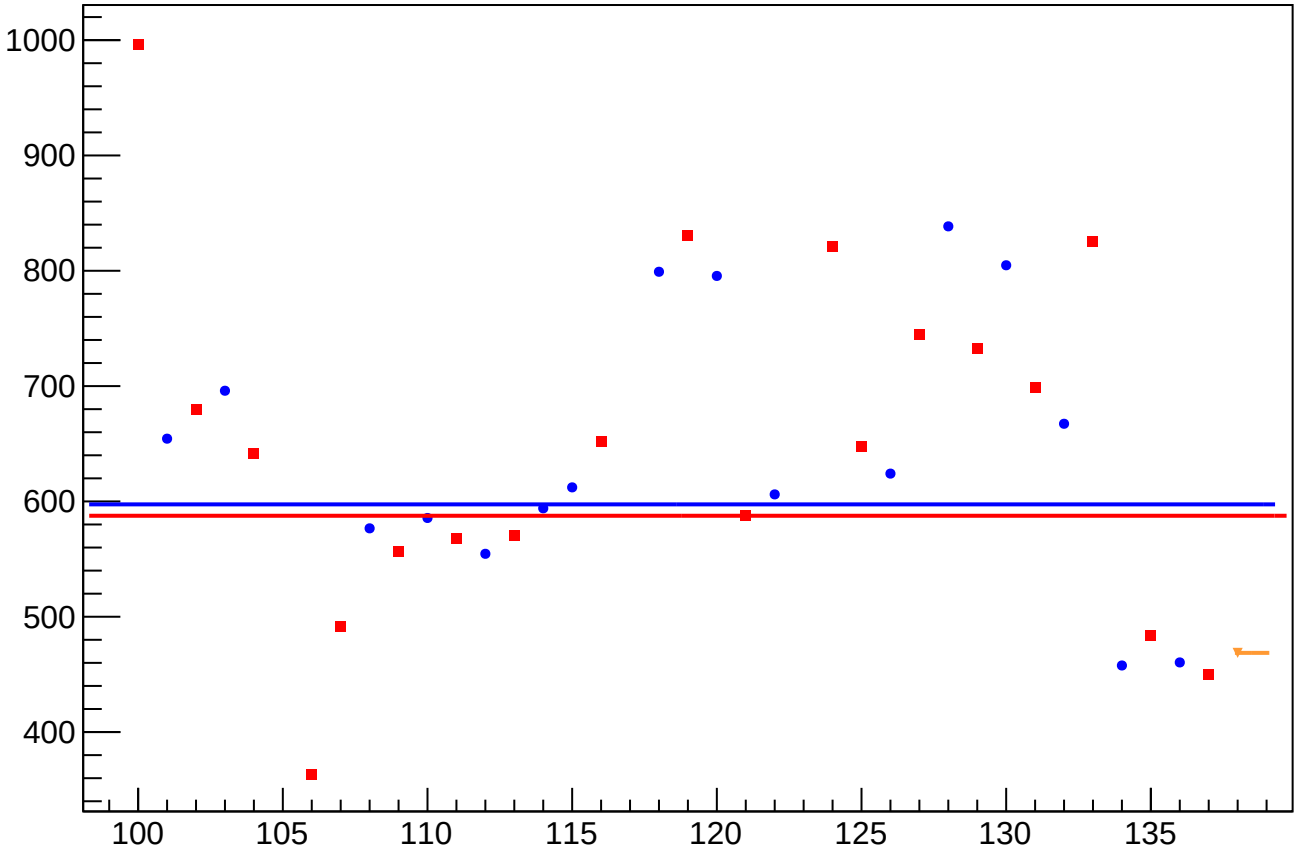
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -223.034+/-209.648 χ^2/NDF: 23.2/16

All: -374.197+/-152.067 χ^2/NDF: 37.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 597.439+/-0.161 χ^2/NDF: 533790.1/15

Left Out: 468.669+/-0.379 χ^2/NDF:0.0/0

Right Out: 587.565+/-0.156 χ^2/NDF: 689033.6/18

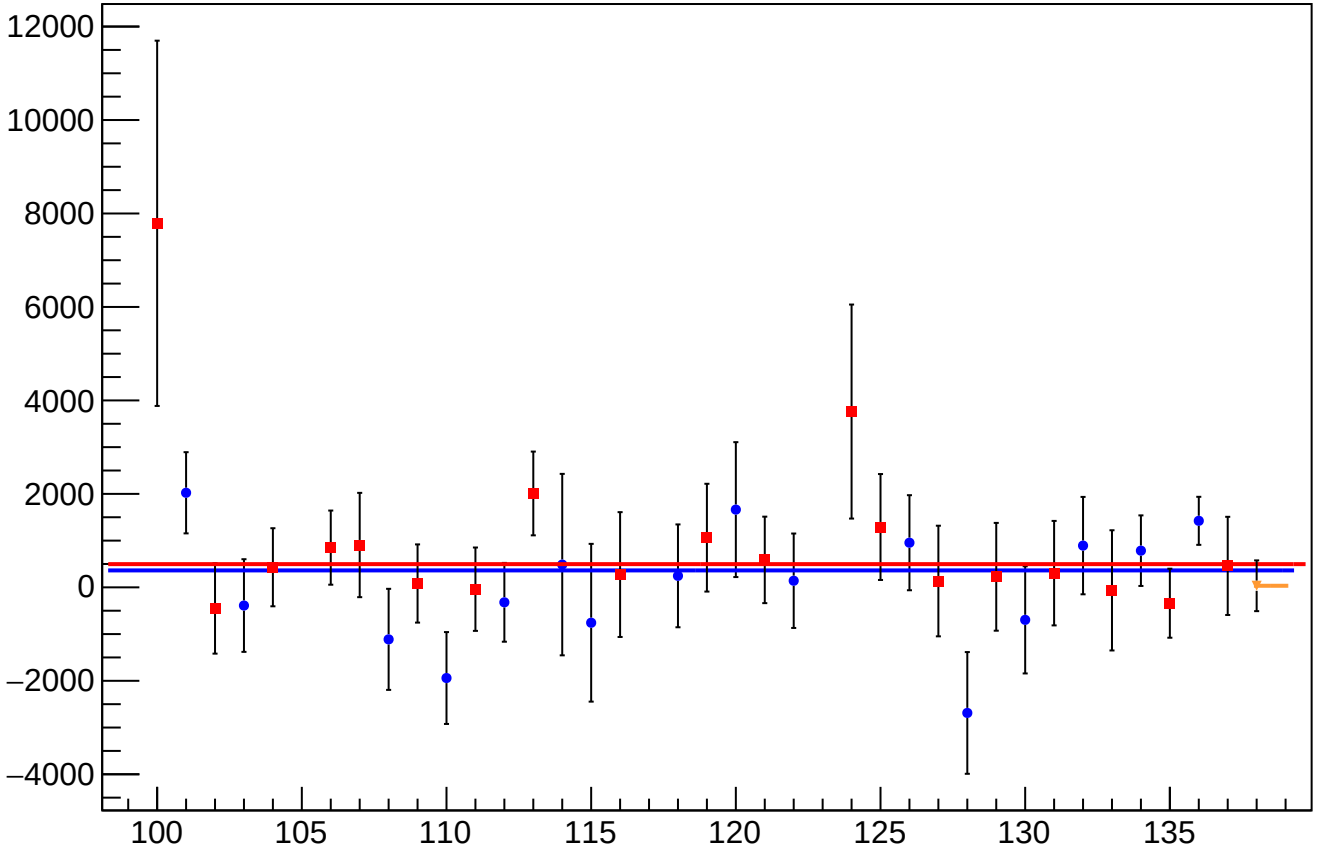
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 577.745+/-0.148 χ^2/NDF: 631537.5/16

All: 582.398+/-0.108 χ^2/NDF: 1322650.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: 362.384+/-240.303 χ^2/NDF: 25.1/15

Left Out: 33.845+/-543.009 χ^2/NDF:0.0/0

Right Out: 496.639+/-236.029 χ^2/NDF: 12.7/18

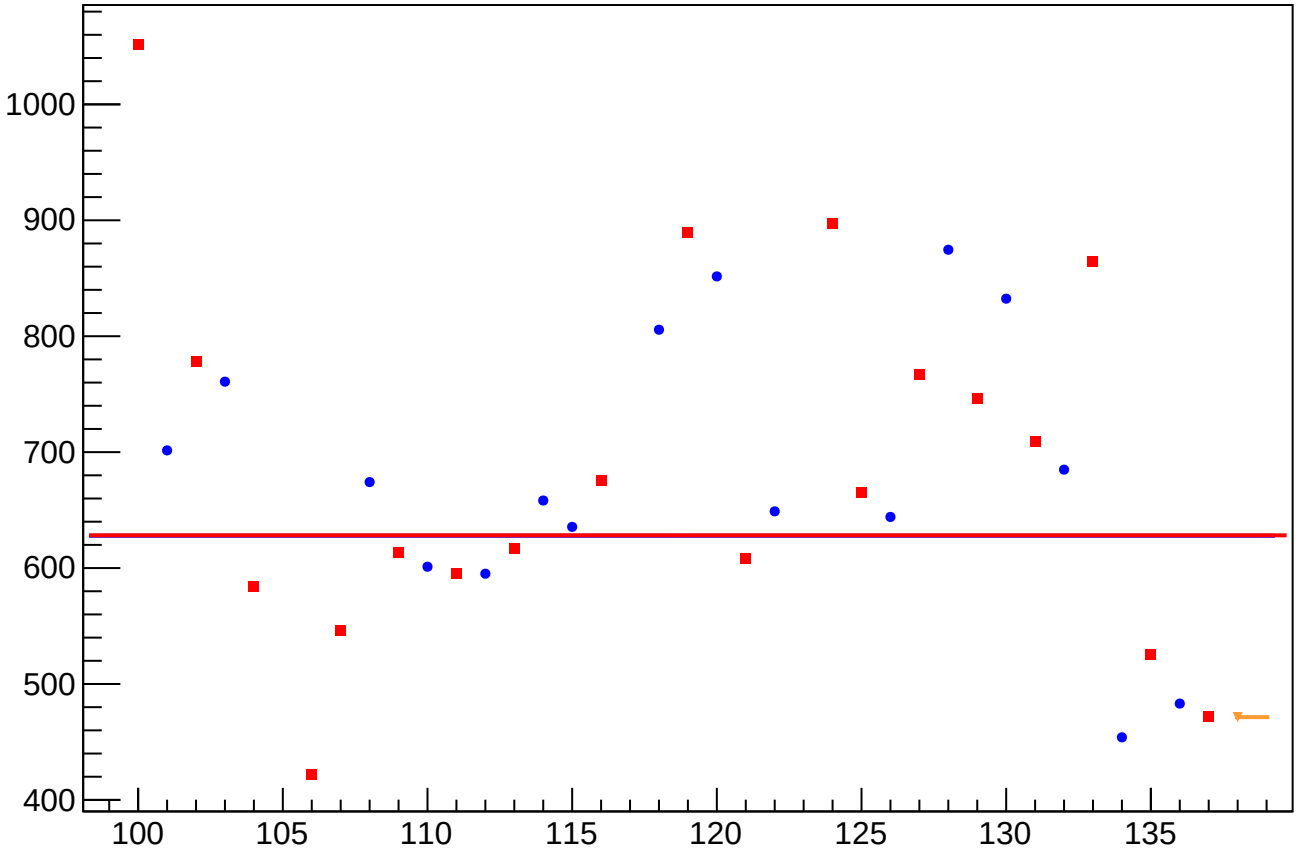
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 308.579+/-219.747 χ^2/NDF: 25.4/16

All: 395.899+/-160.833 χ^2/NDF: 38.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 627.896+/-0.170 χ^2/NDF: 566795.7/15

Left Out: 471.410+/-0.384 χ^2/NDF:0.0/0

Right Out: 628.250+/-0.167 χ^2/NDF: 570979.3/18

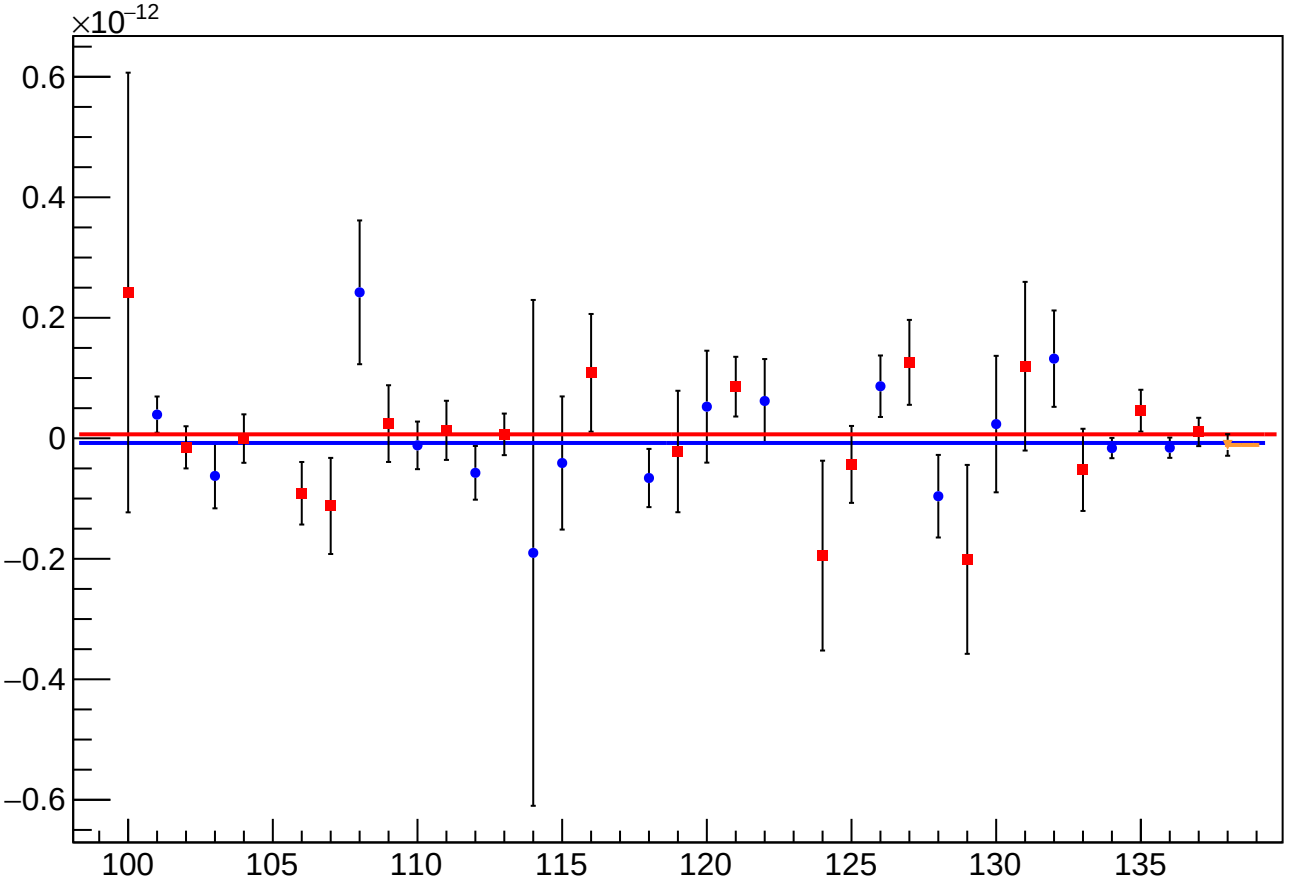
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 602.268+/-0.155 χ^2/NDF: 705693.1/16

All: 614.332+/-0.114 χ^2/NDF: 1289654.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 21.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

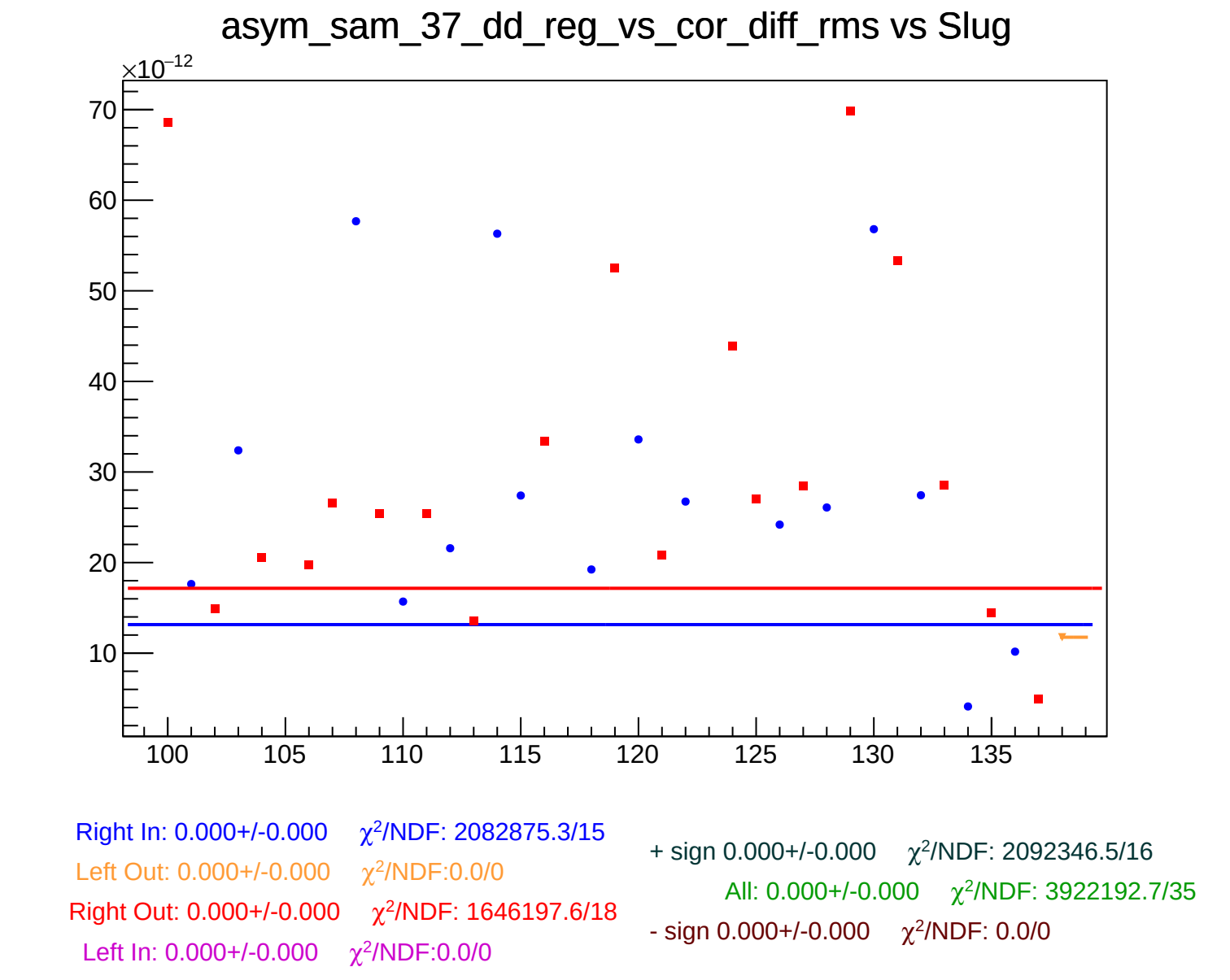
Right Out: 0.000+/-0.000 χ^2/NDF: 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

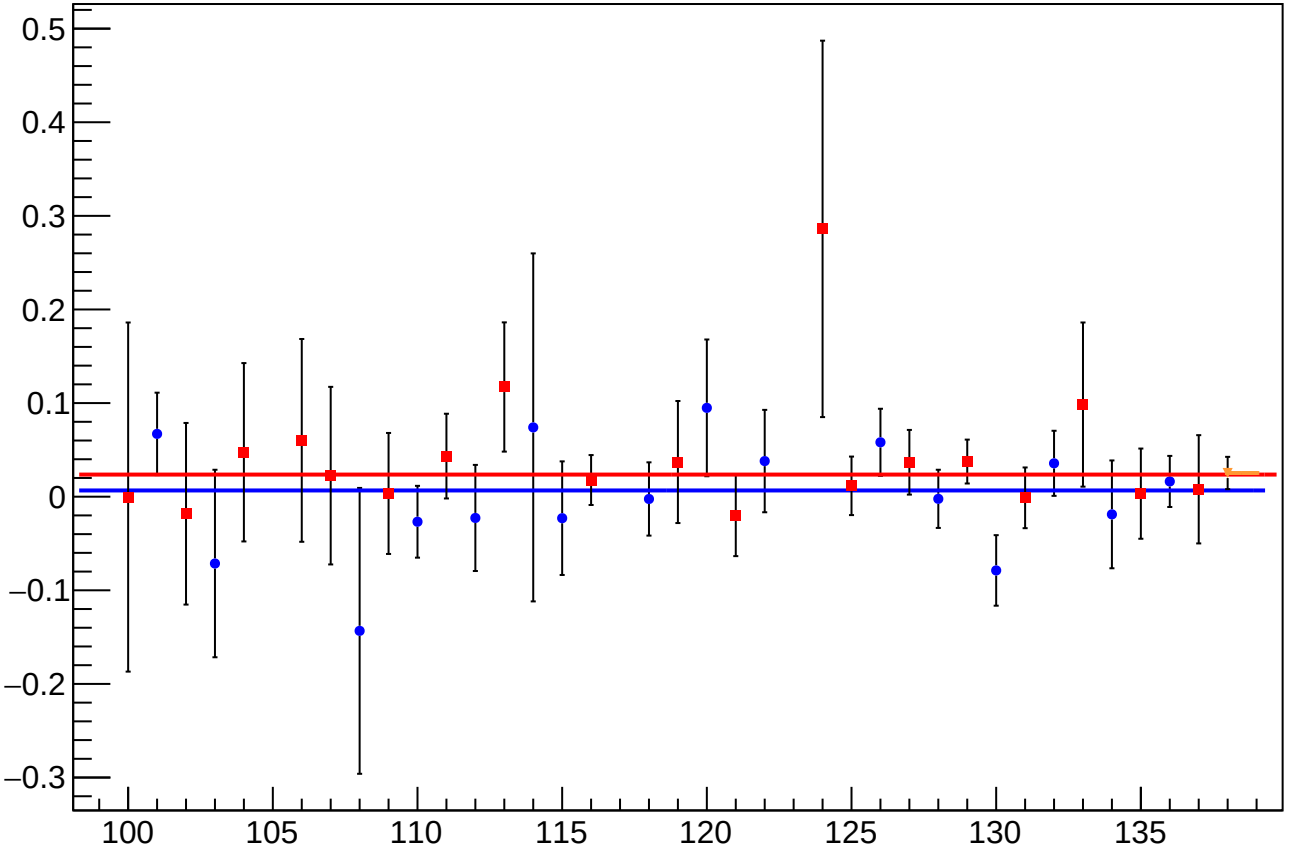
+ sign -0.000+/-0.000 χ^2/NDF: 21.0/16

All: -0.000+/-0.000 χ^2/NDF: 42.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug
×10^−12
70
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2082875.3/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1646197.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2092346.5/16
All: 0.000+/-0.000 χ²/NDF: 3922192.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.007+/-0.011 χ^2/NDF: 15.0/15

Left Out: 0.025+/-0.017 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.011 χ^2/NDF: 7.5/18

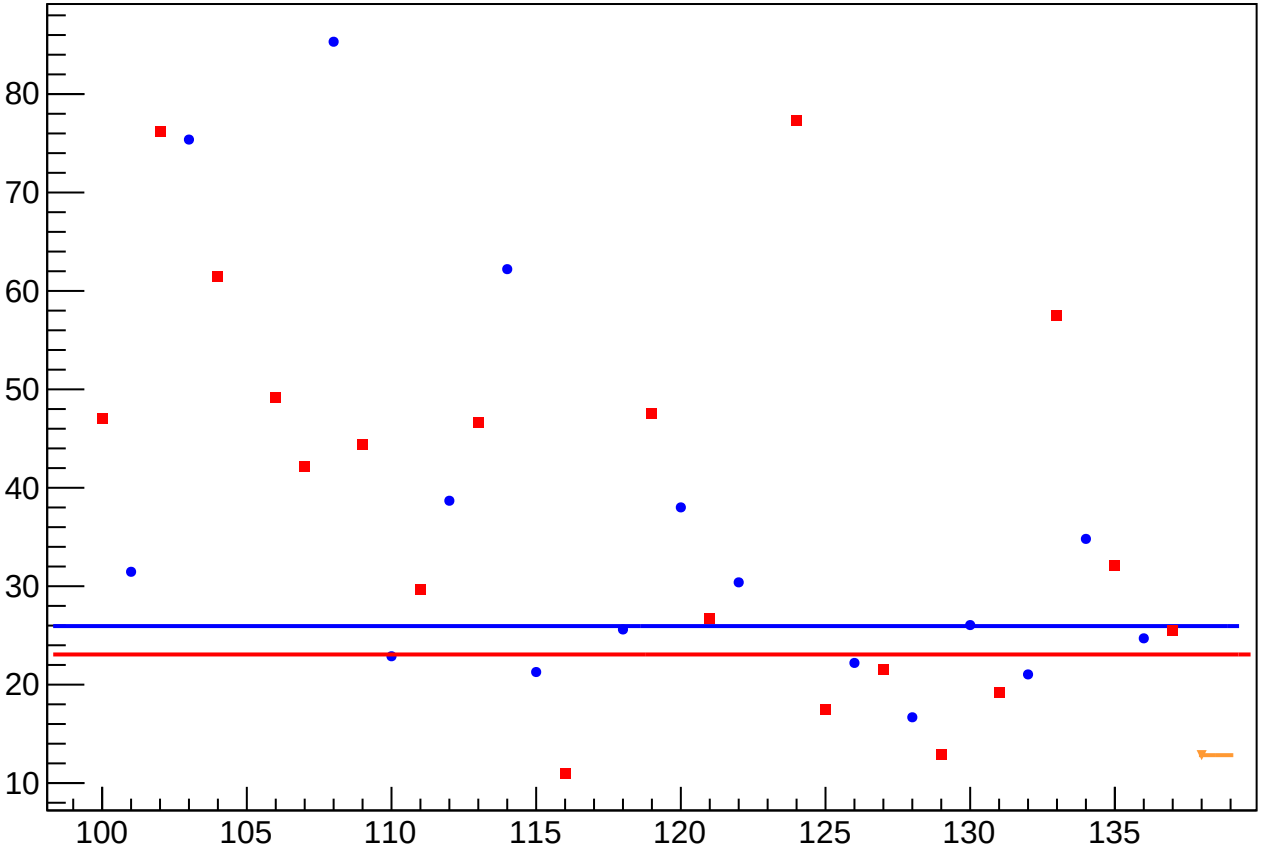
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.009 χ^2/NDF: 15.8/16

All: 0.017+/-0.007 χ^2/NDF: 24.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 25.949+/-0.008 χ^2/NDF: 1381638.3/15

Left Out: 12.835+/-0.012 χ^2/NDF:0.0/0

Right Out: 23.065+/-0.007 χ^2/NDF: 3360857.8/18

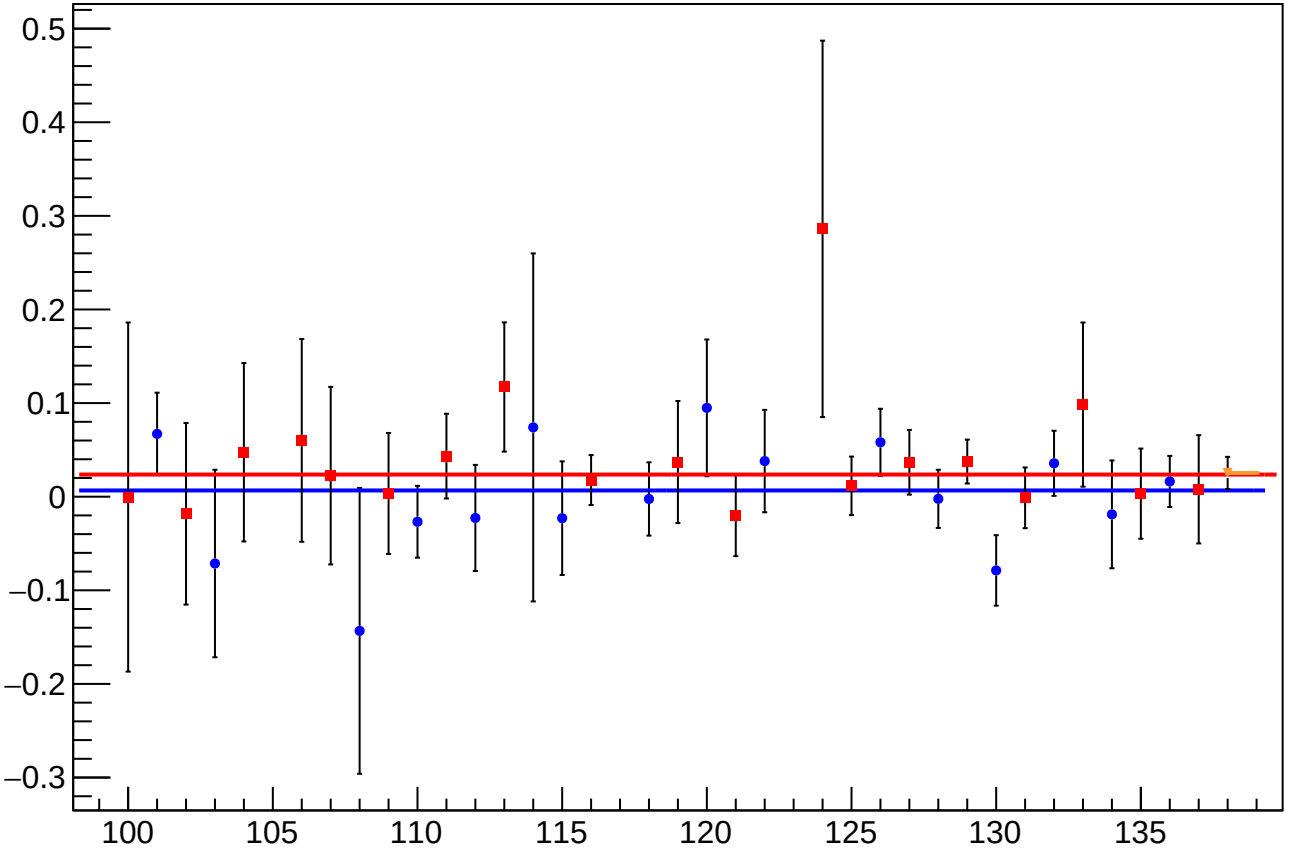
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 22.110+/-0.007 χ^2/NDF: 2198922.2/16

All: 22.532+/-0.005 χ^2/NDF: 5569018.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007+/-0.011 χ^2/NDF: 15.0/15

Left Out: 0.025+/-0.017 χ^2/NDF:0.0/0

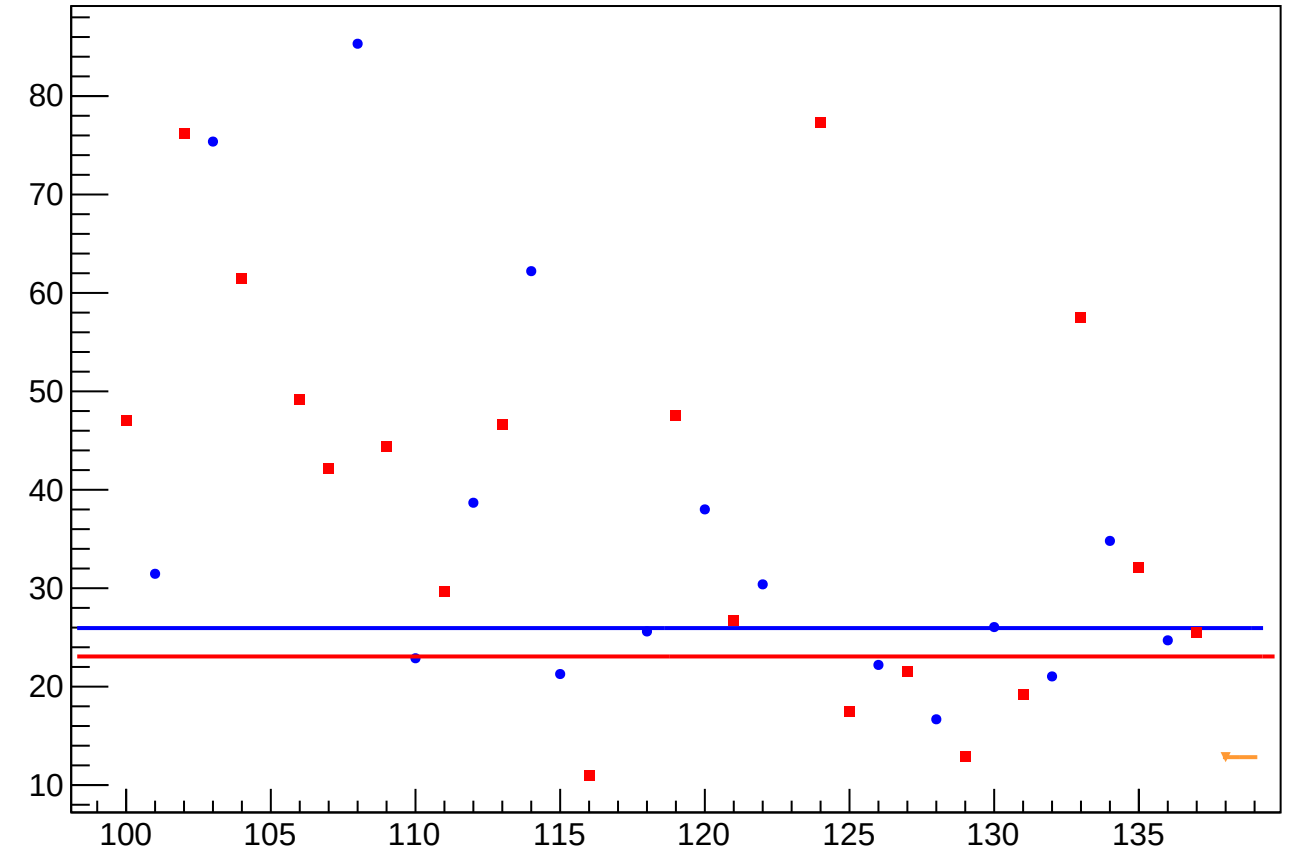
Right Out: 0.024+/-0.011 χ^2/NDF: 7.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.009 χ^2/NDF: 15.8/16

All: 0.017+/-0.007 χ^2/NDF: 24.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 25.949+/-0.008 χ^2/NDF: 1381638.3/15

Left Out: 12.835+/-0.012 χ^2/NDF:0.0/0

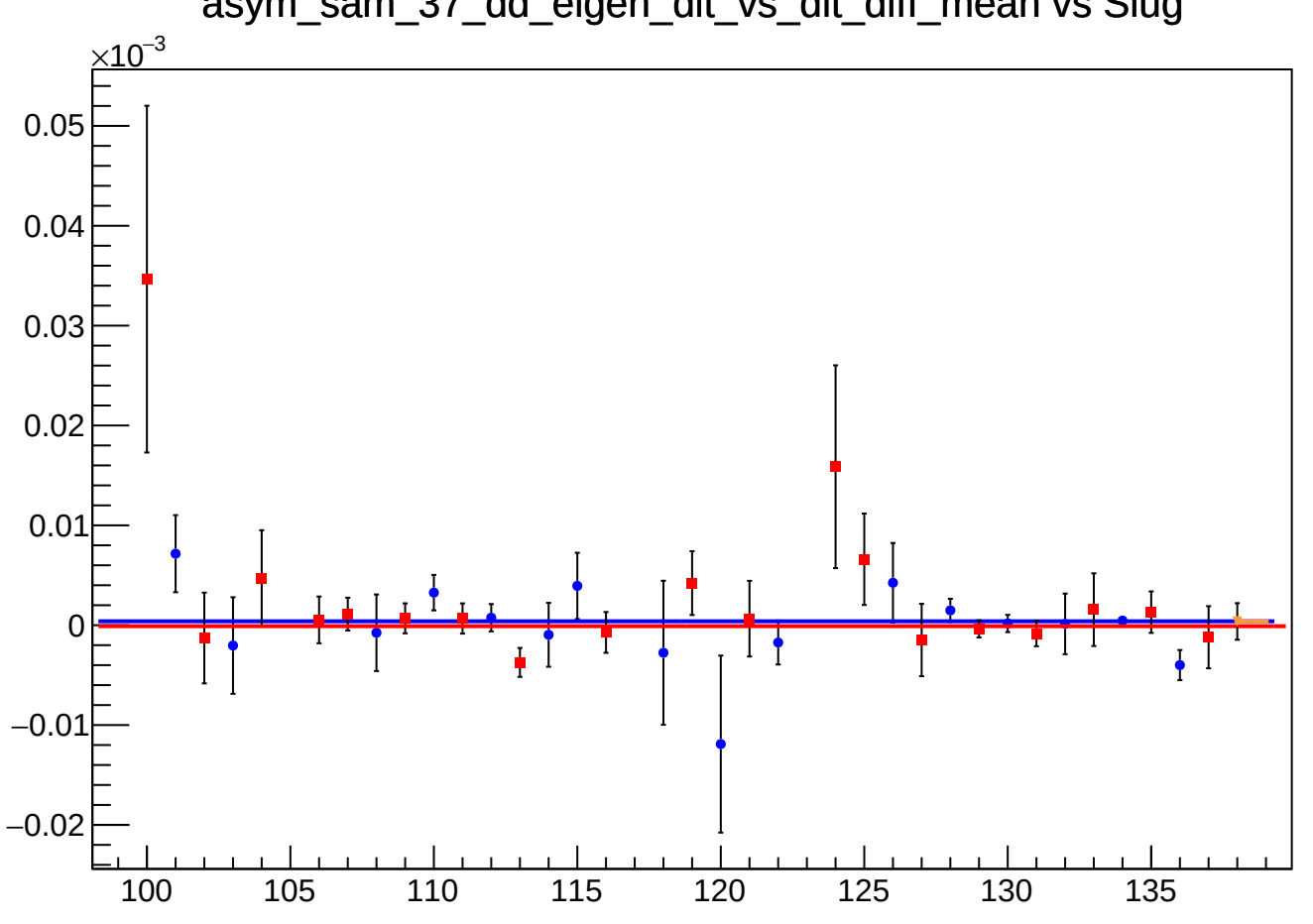
Right Out: 23.065+/-0.007 χ^2/NDF: 3360857.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.110+/-0.007 χ^2/NDF: 2198922.2/16

All: 22.532+/-0.005 χ^2/NDF: 5569018.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

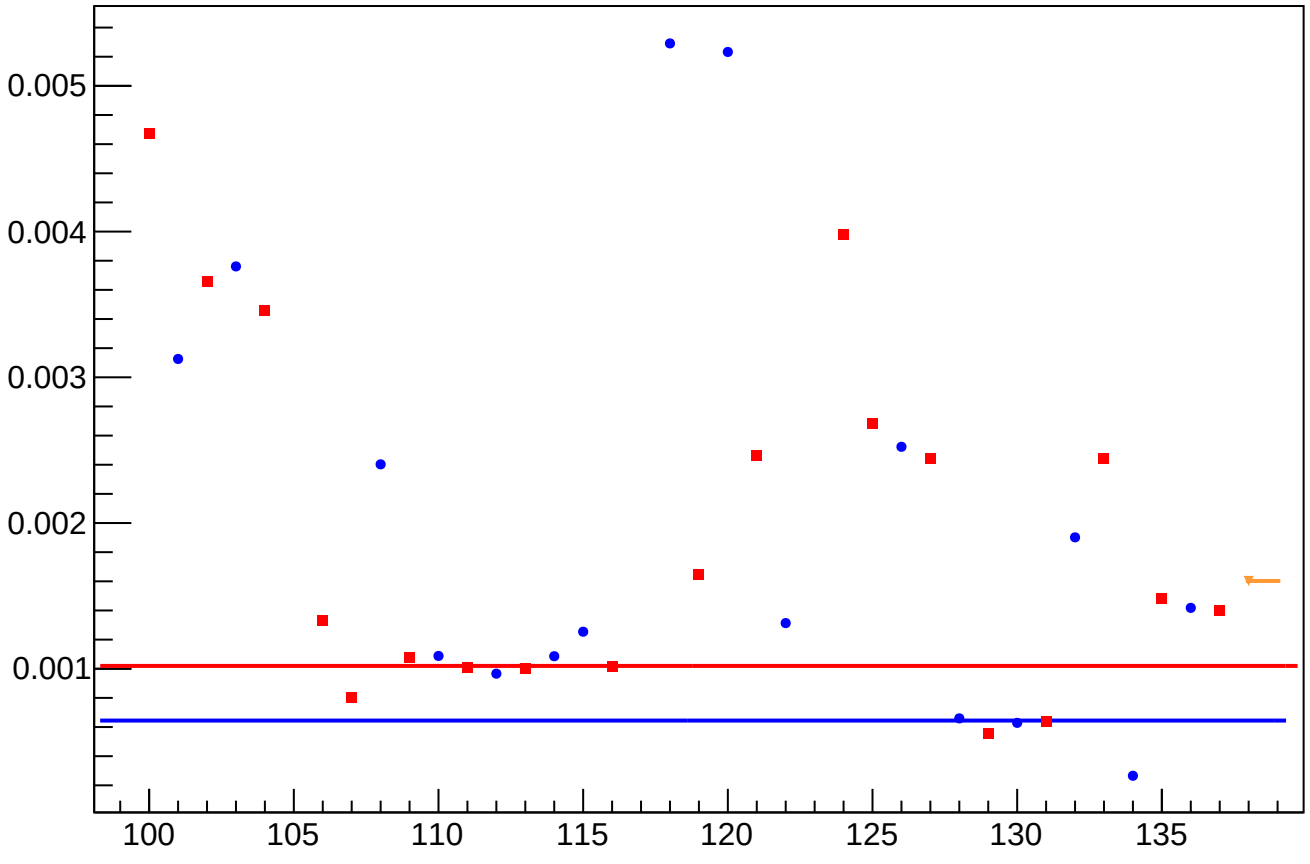
Right Out: -0.000+/-0.000 χ^2/NDF: 20.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 20.9/16

All: 0.000+/-0.000 χ^2/NDF: 42.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 6575652.3/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

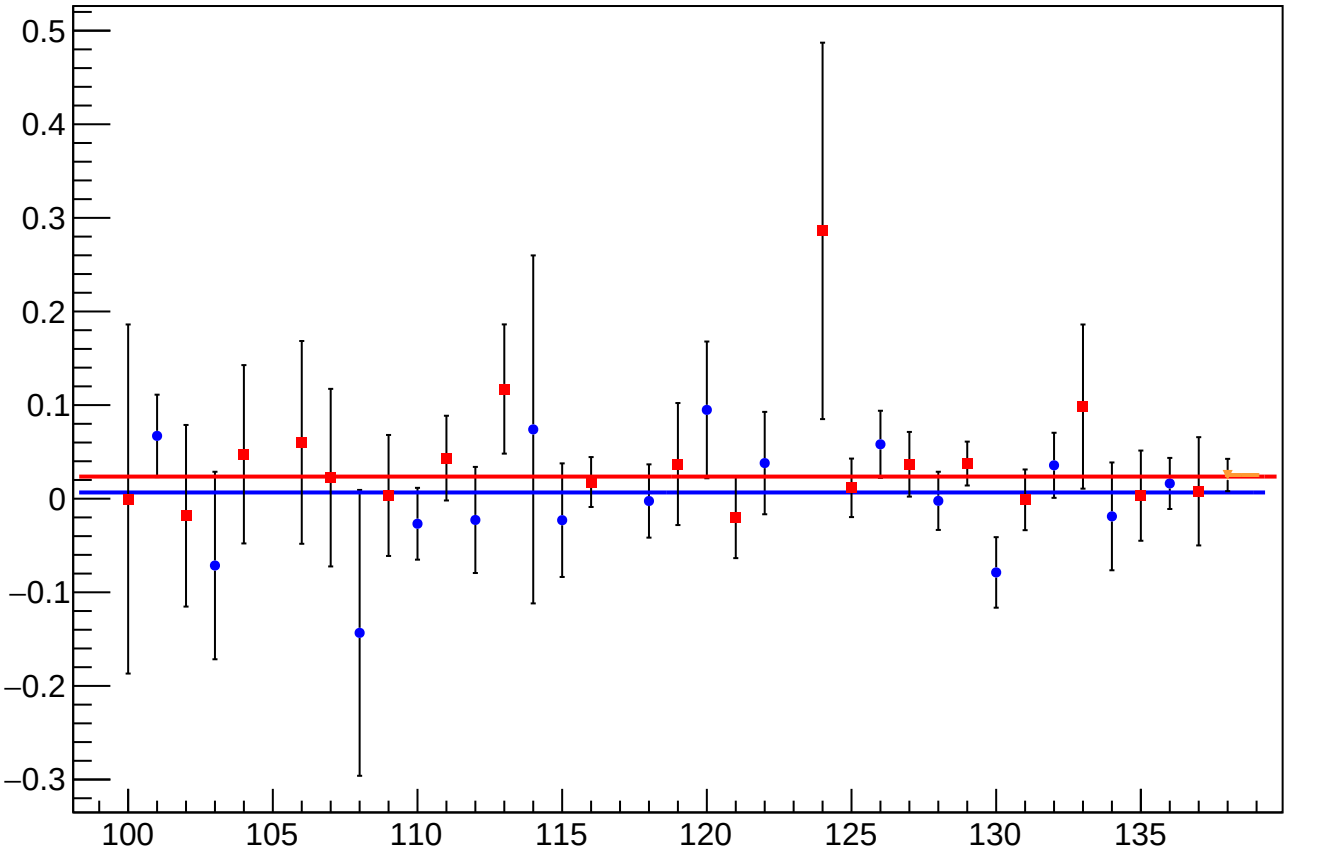
Right Out: 0.001+/-0.000 χ^2/NDF: 3662501.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 7103208.0/16

All: 0.001+/-0.000 χ^2/NDF: 11514432.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.007+/-0.011 χ^2/NDF: 15.0/15

Left Out: 0.025+/-0.017 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.011 χ^2/NDF: 7.5/18

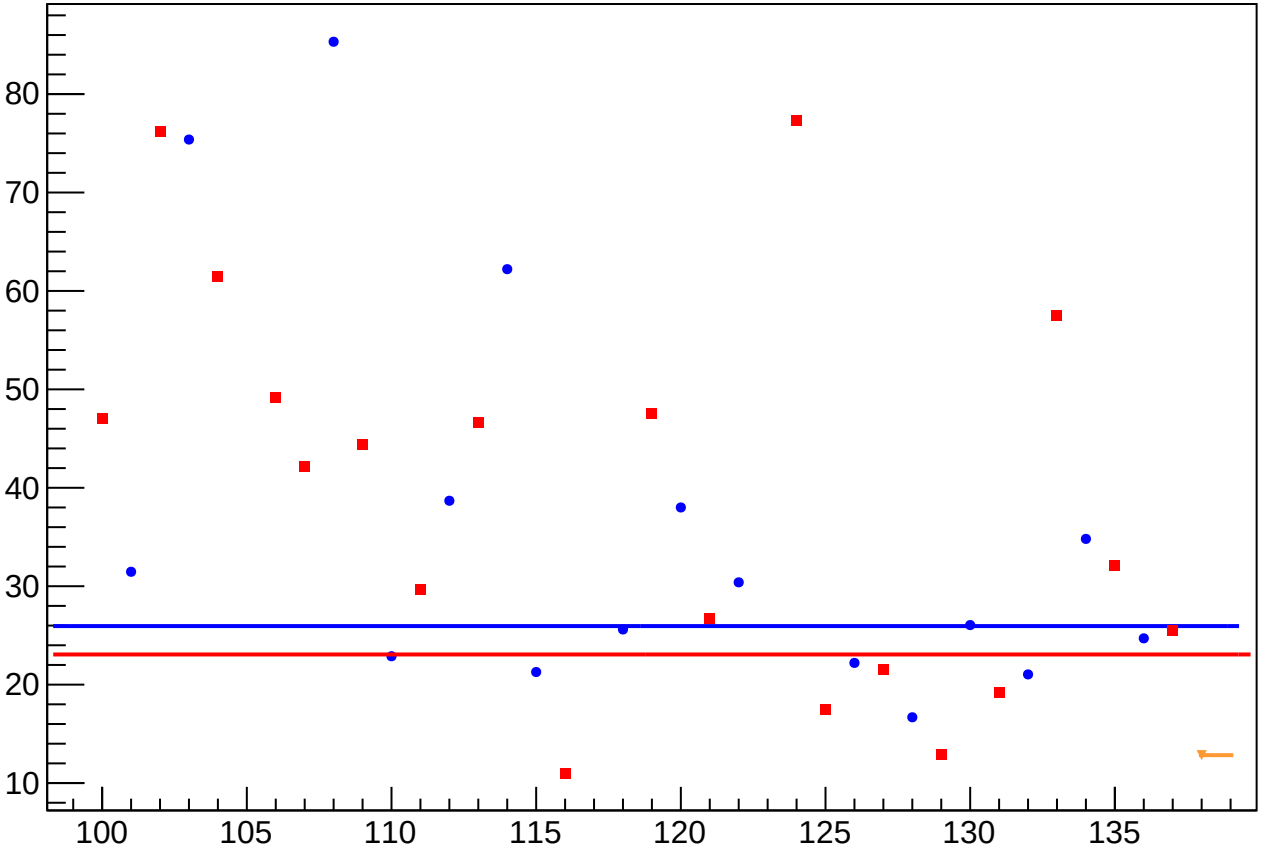
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.009 χ^2/NDF: 15.8/16

All: 0.017+/-0.007 χ^2/NDF: 24.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 25.950+/-0.008 χ^2/NDF: 1381591.4/15

Left Out: 12.836+/-0.012 χ^2/NDF:0.0/0

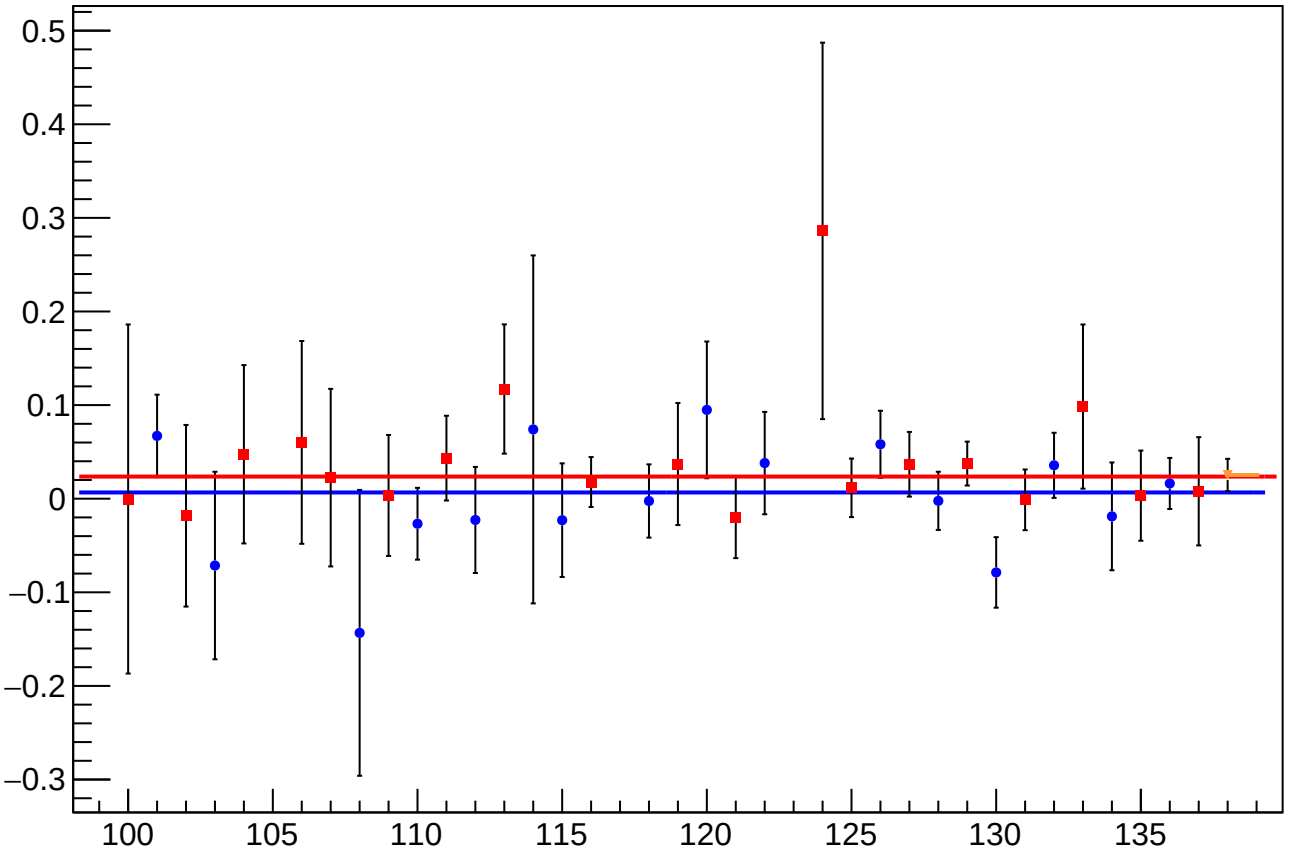
Right Out: 23.066+/-0.007 χ^2/NDF: 3360688.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.111+/-0.007 χ^2/NDF: 2198791.9/16

All: 22.532+/-0.005 χ^2/NDF: 5568717.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.007+/-0.011 χ^2/NDF: 15.0/15

Left Out: 0.025+/-0.017 χ^2/NDF:0.0/0

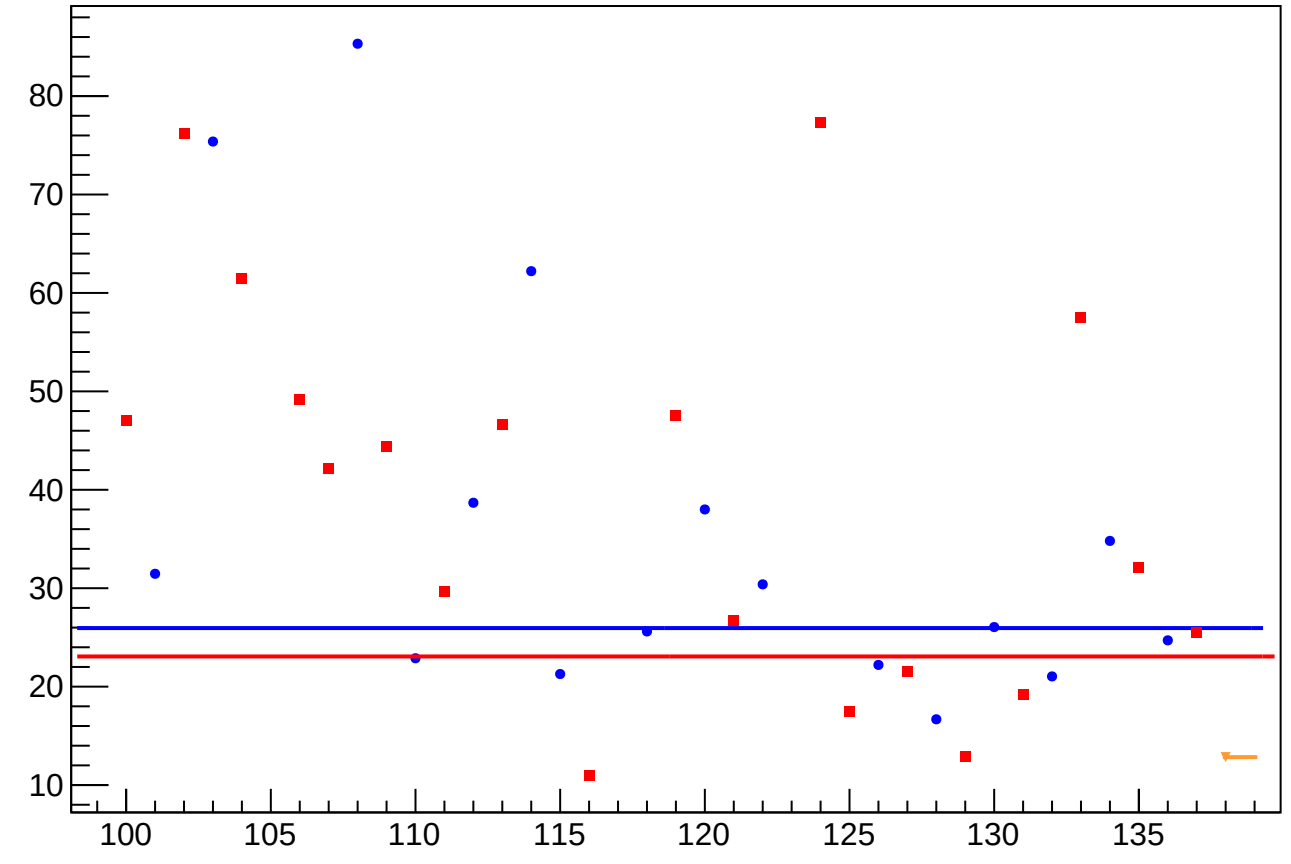
Right Out: 0.024+/-0.011 χ^2/NDF: 7.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.012+/-0.009 χ^2/NDF: 15.8/16

All: 0.017+/-0.007 χ^2/NDF: 24.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 25.950+/-0.008 χ^2/NDF: 1381591.4/15

Left Out: 12.836+/-0.012 χ^2/NDF:0.0/0

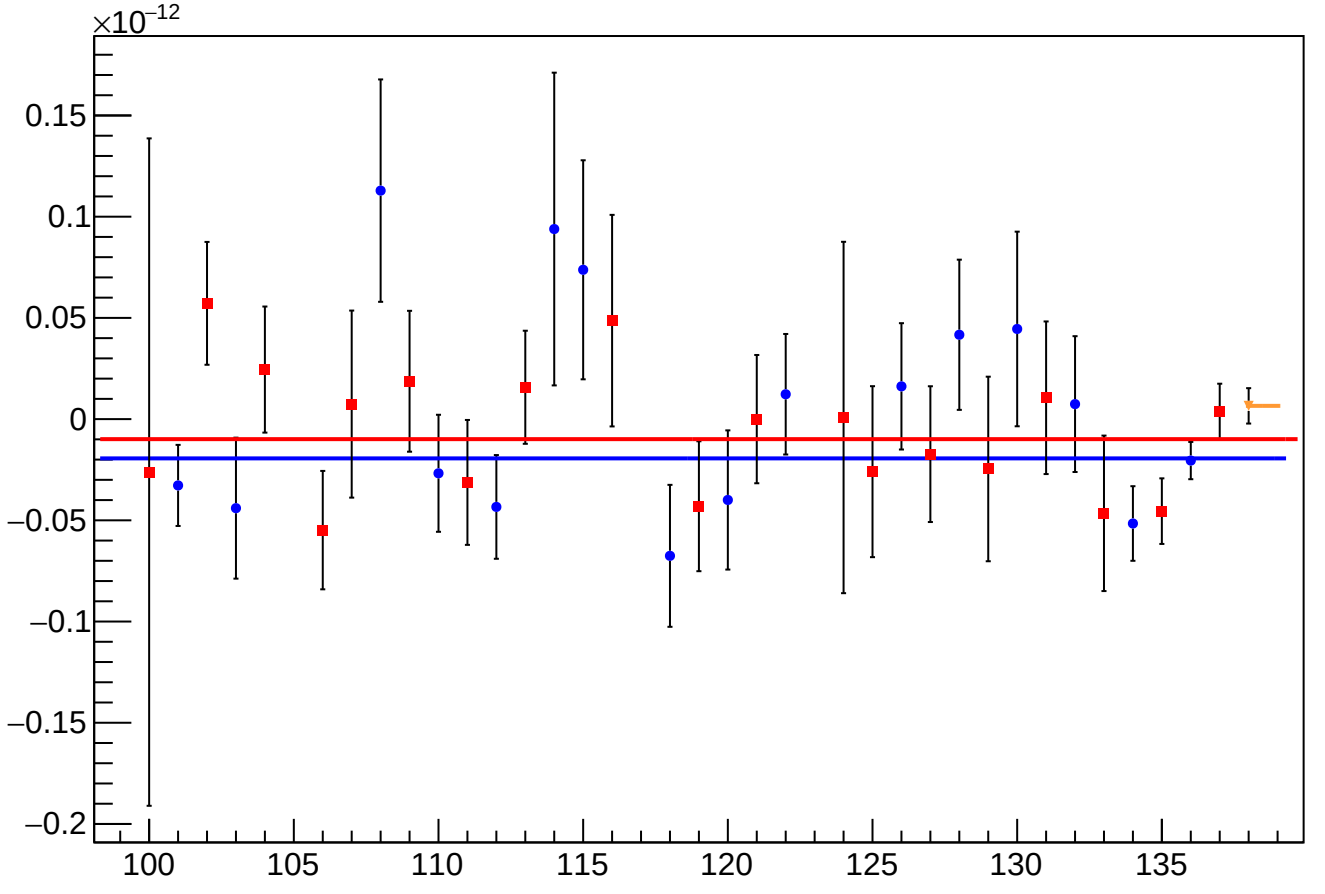
Right Out: 23.066+/-0.007 χ^2/NDF: 3360688.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 22.111+/-0.007 χ^2/NDF: 2198791.9/16

All: 22.532+/-0.005 χ^2/NDF: 5568717.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 25.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

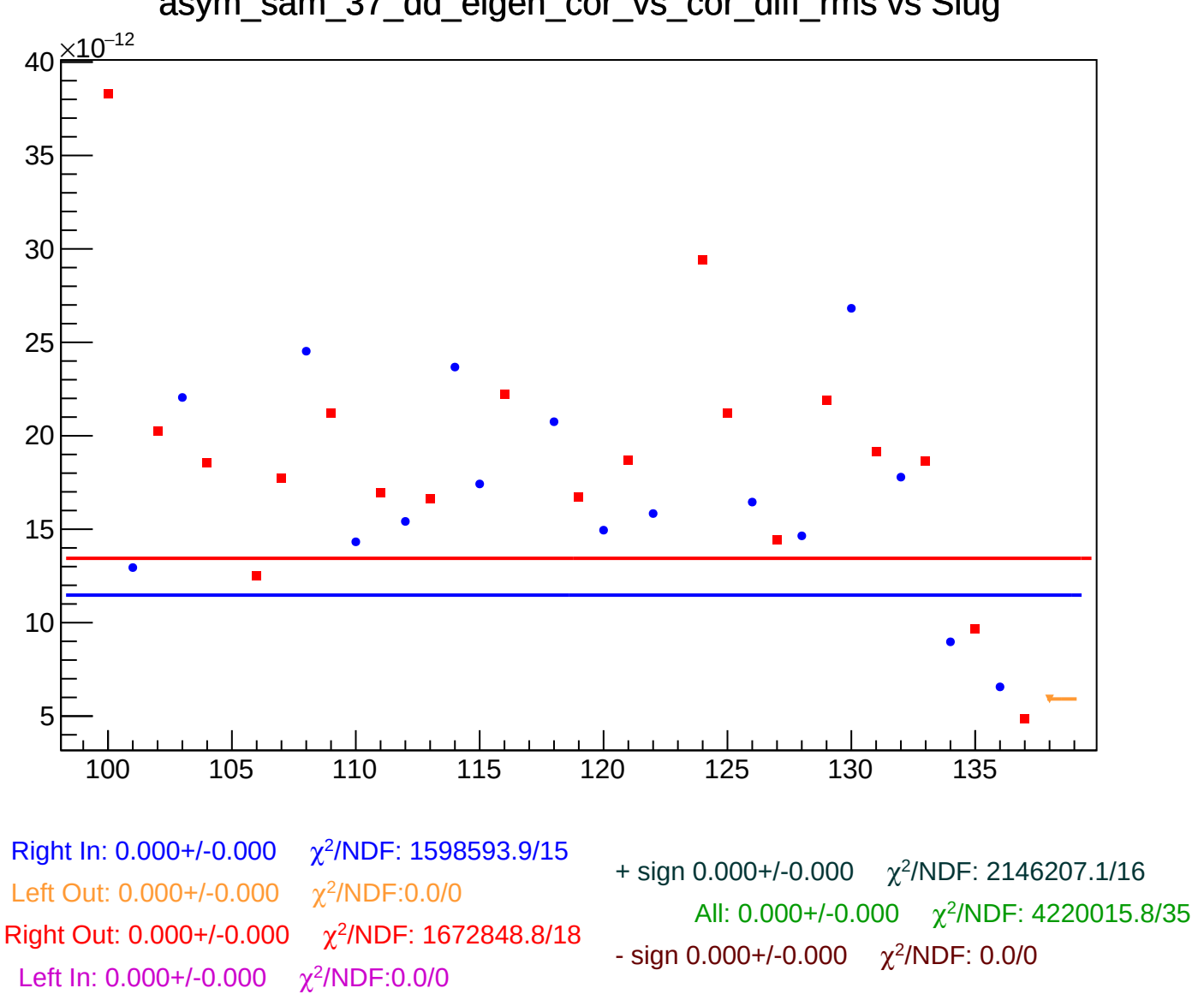
Right Out: -0.000+/-0.000 χ^2/NDF: 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 31.6/16

All: -0.000+/-0.000 χ^2/NDF: 52.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
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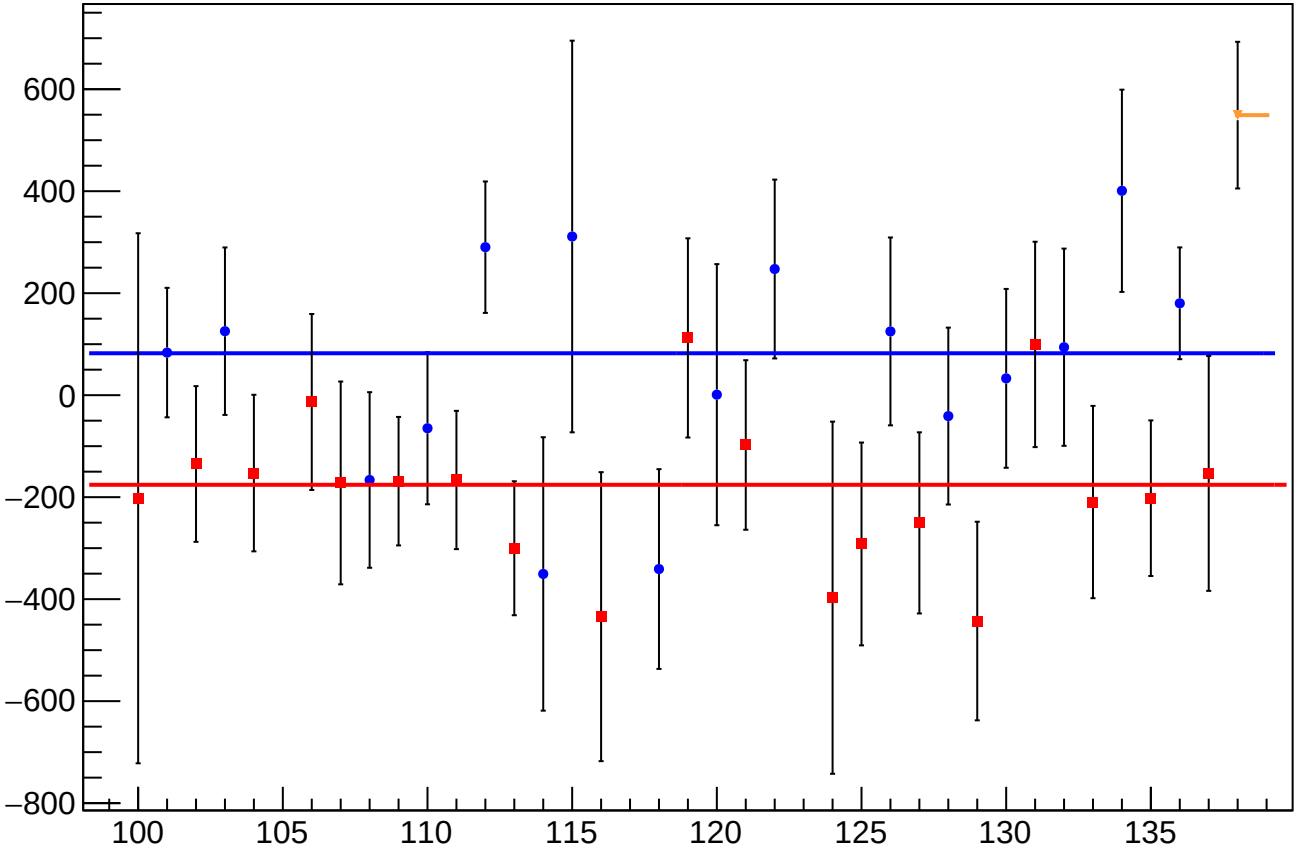
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1598593.9/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1672848.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2146207.1/16
All: 0.000+/-0.000 χ²/NDF: 4220015.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 82.196+/-42.133 χ^2/NDF: 18.4/15

Left Out: 549.160+/-143.787 χ^2/NDF:0.0/0

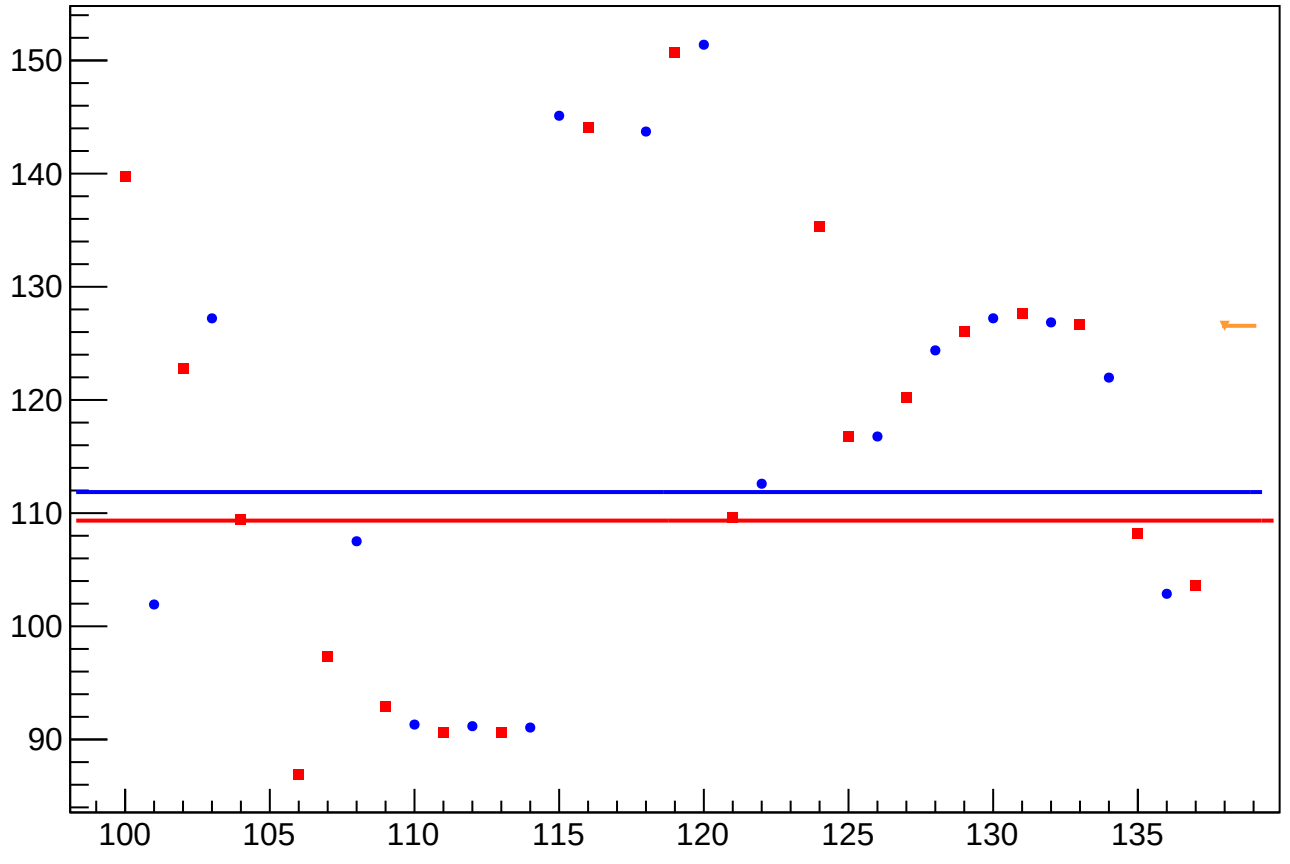
Right Out: -175.732+/-40.673 χ^2/NDF: 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 119.121+/-40.433 χ^2/NDF: 28.1/16

All: -27.434+/-28.675 χ^2/NDF: 64.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 111.862+/-0.030 χ^2/NDF: 306023.8/15

Left Out: 126.554+/-0.102 χ^2/NDF:0.0/0

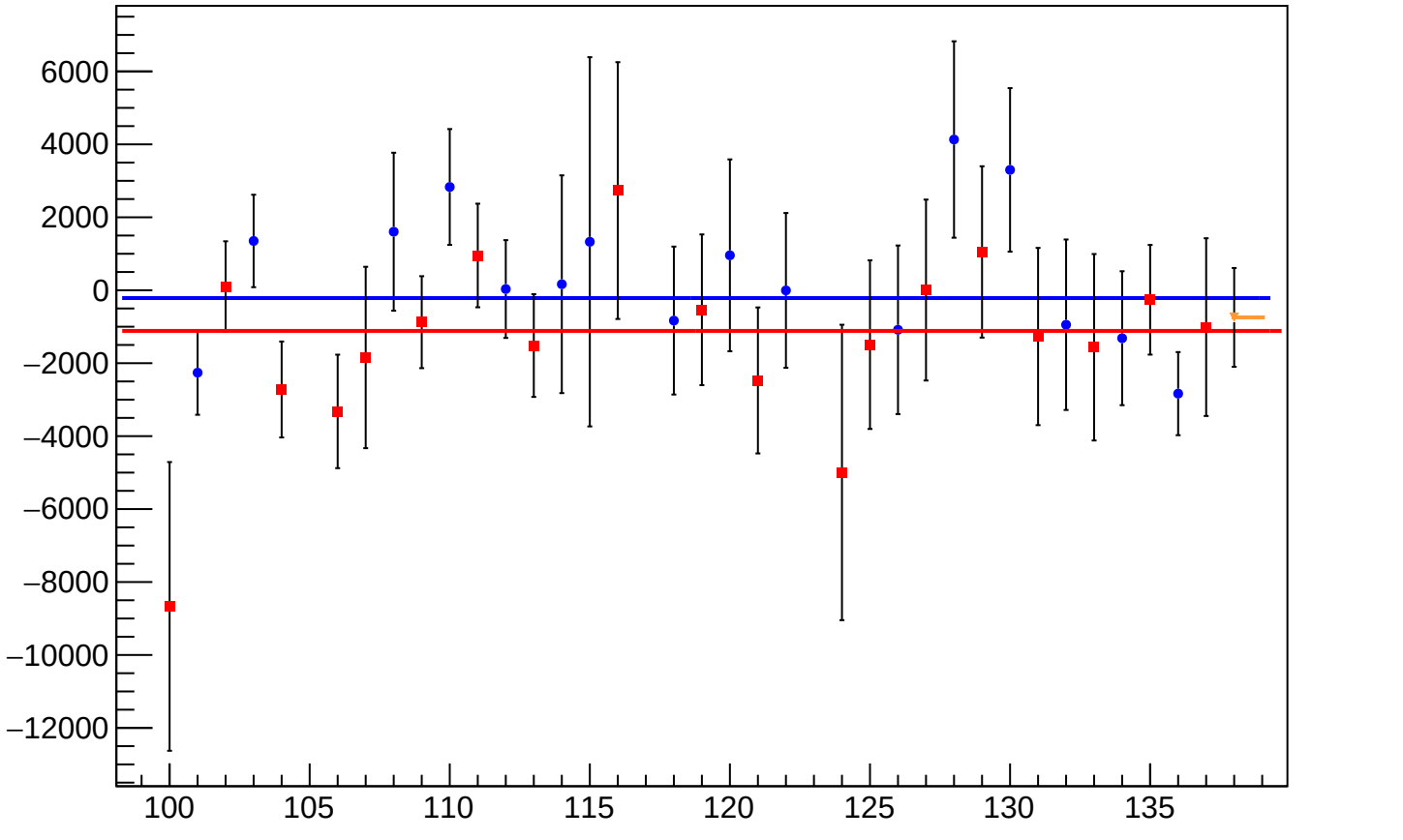
Right Out: 109.340+/-0.029 χ^2/NDF: 367219.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 113.024+/-0.029 χ^2/NDF: 325252.9/16

All: 111.193+/-0.020 χ^2/NDF: 700723.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -214.187+/-443.962 χ^2/NDF: 20.4/15

Left Out: -744.085+/-1354.294 χ^2/NDF:0.0/0

Right Out: -1114.700+/-423.039 χ^2/NDF: 14.5/18

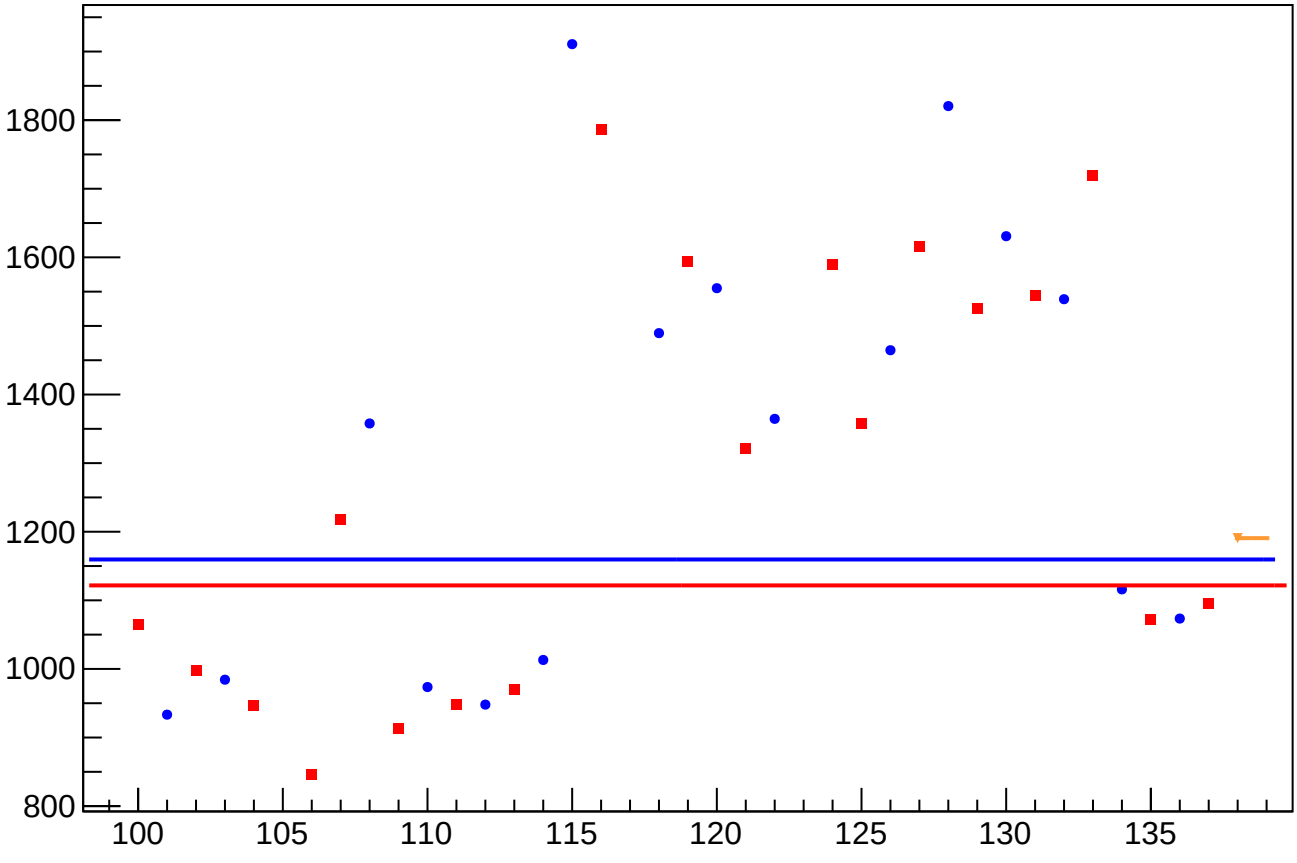
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -265.607+/-421.872 χ^2/NDF: 20.6/16

All: -688.981+/-298.720 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1159.567+/-0.314 χ^2/NDF: 683693.3/15

Left Out: 1190.647+/-0.958 χ^2/NDF:0.0/0

Right Out: 1121.752+/-0.299 χ^2/NDF: 782273.3/18

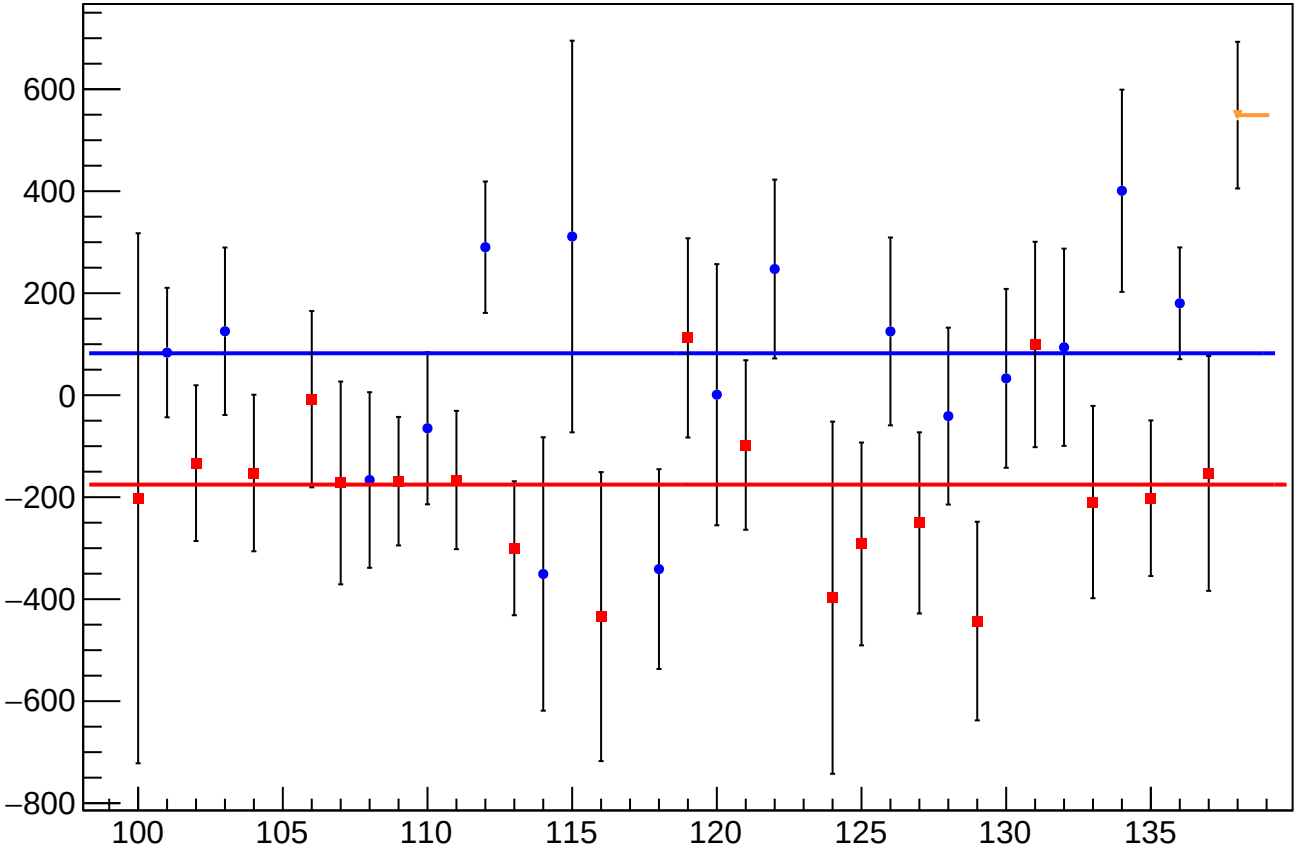
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1162.583+/-0.298 χ^2/NDF: 684644.4/16

All: 1142.224+/-0.211 χ^2/NDF: 1476259.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 82.185+/-42.133 χ^2/NDF: 18.4/15

Left Out: 549.148+/-143.787 χ^2/NDF:0.0/0

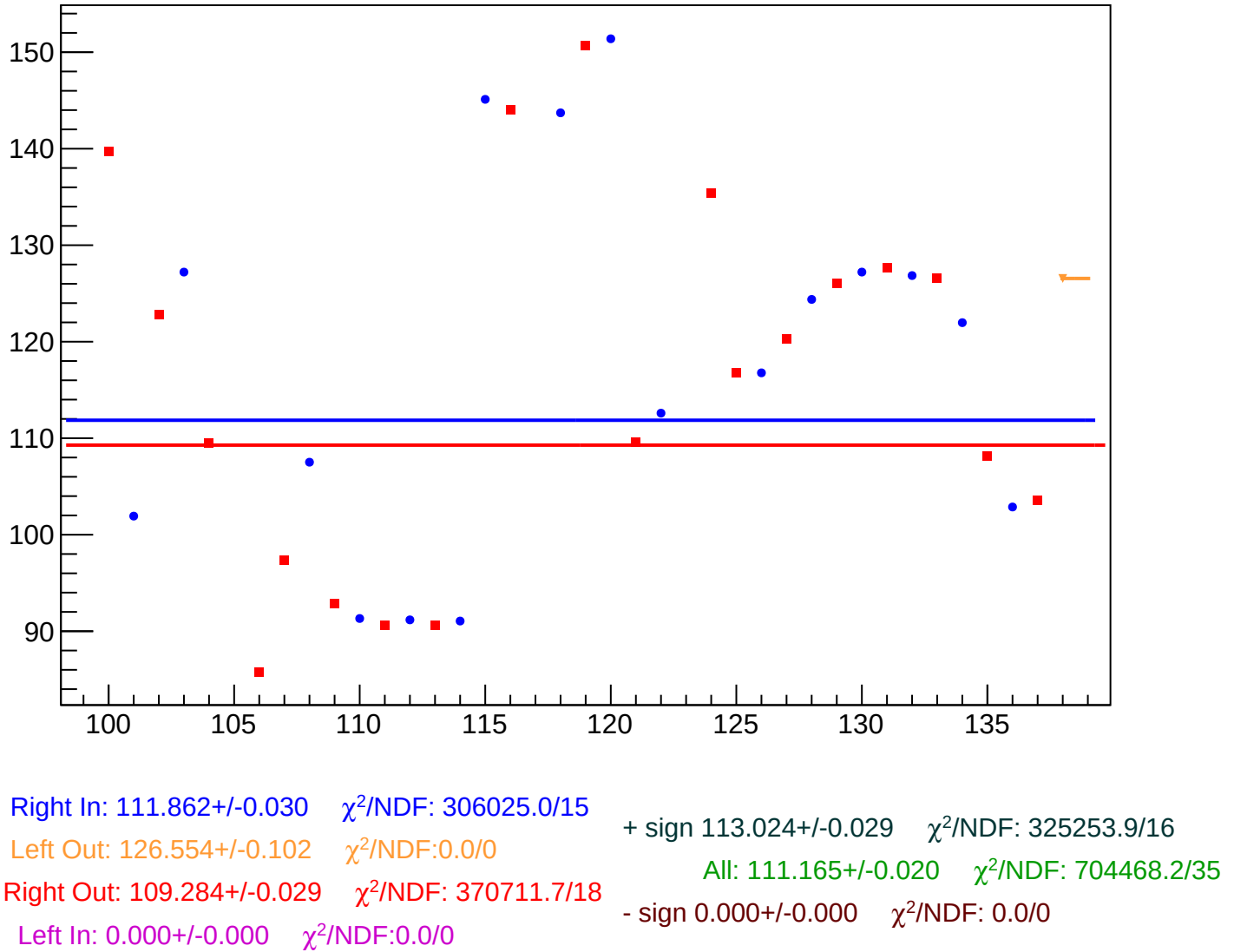
Right Out: -175.338+/-40.678 χ^2/NDF: 9.9/18

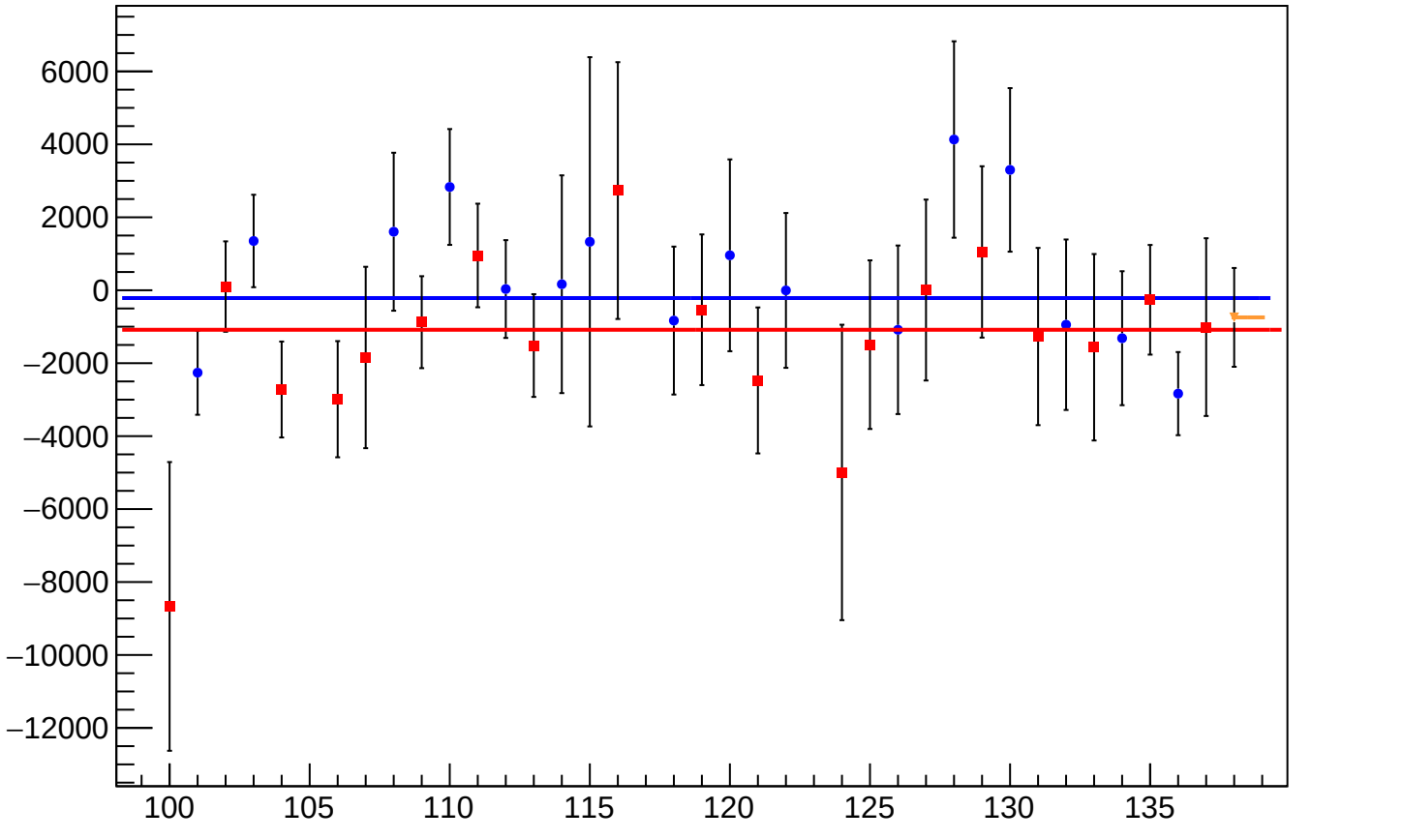
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 119.109+/-40.433 χ^2/NDF: 28.1/16

All: -27.225+/-28.677 χ^2/NDF: 64.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


cor_asym_sam_48_dd_rms vs Slug
150
140
130
120
110
100
90
100
105
110
115
120
125
130
135
Right In: 111.862+/-0.030 χ²/NDF: 306025.0/15
Left Out: 126.554+/-0.102 χ²/NDF:0.0/0
Right Out: 109.284+/-0.029 χ²/NDF: 370711.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 113.024+/-0.029 χ²/NDF: 325253.9/16
All: 111.165+/-0.020 χ²/NDF: 704468.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -214.278+/-443.965 χ^2/NDF: 20.4/15

Left Out: -744.099+/-1354.294 χ^2/NDF:0.0/0

Right Out: -1083.943+/-423.774 χ^2/NDF: 13.9/18

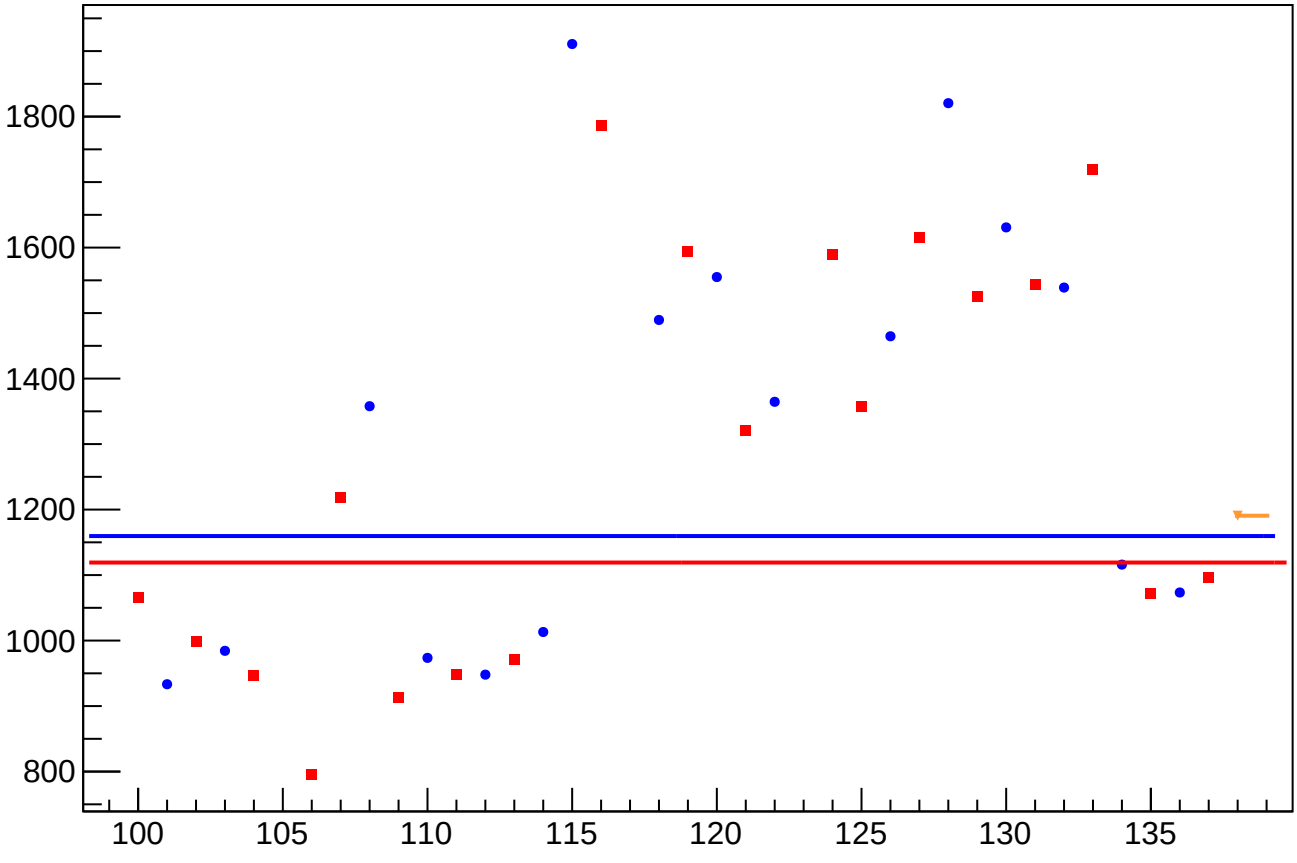
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -265.691+/-421.875 χ^2/NDF: 20.6/16

All: -672.979+/-298.980 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1159.576+/-0.314 χ^2/NDF: 683662.2/15

Left Out: 1190.647+/-0.958 χ^2/NDF:0.0/0

Right Out: 1119.156+/-0.300 χ^2/NDF: 803154.6/18

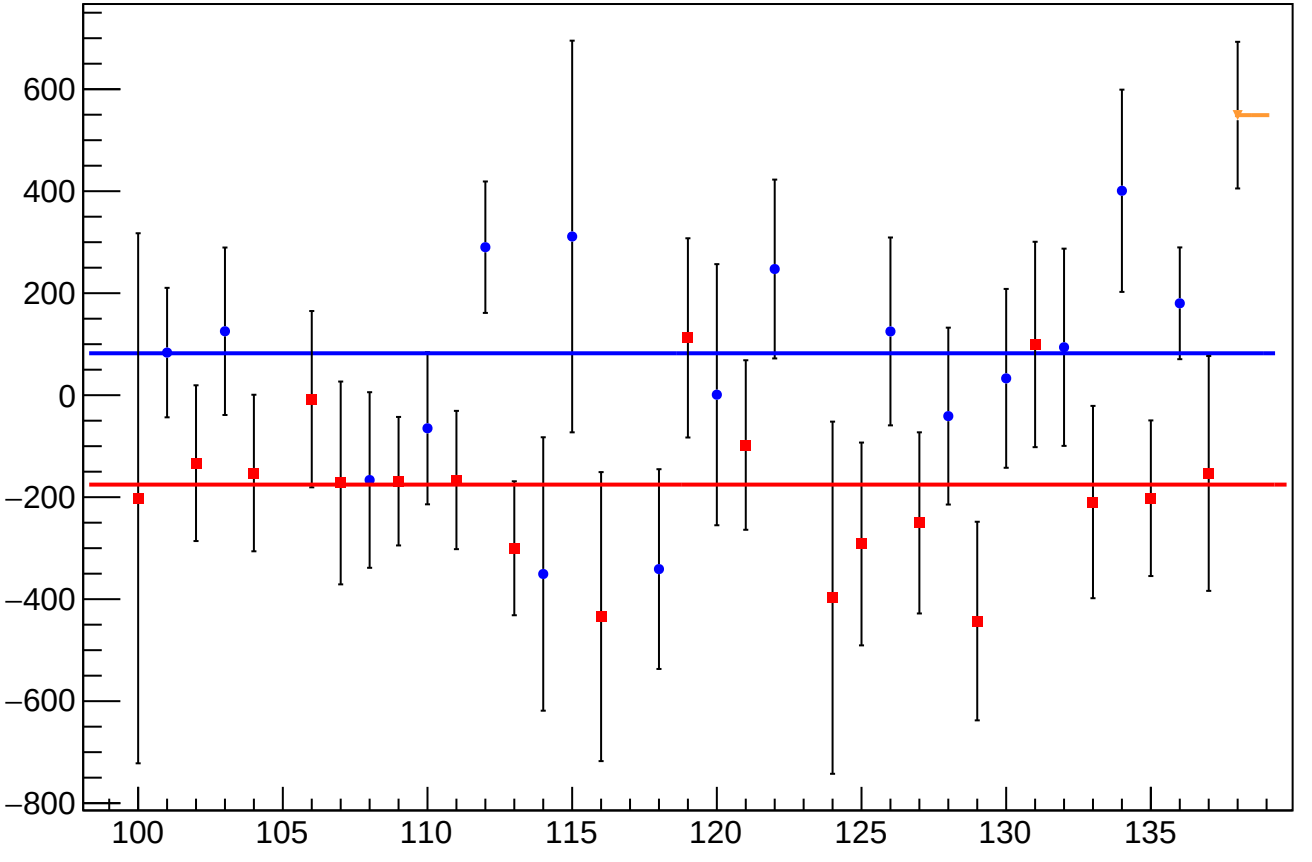
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1162.591+/-0.298 χ^2/NDF: 684612.7/16

All: 1140.971+/-0.211 χ^2/NDF: 1498320.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 82.185+/-42.133 χ^2/NDF: 18.4/15

Left Out: 549.148+/-143.787 χ^2/NDF:0.0/0

Right Out: -175.338+/-40.678 χ^2/NDF: 9.9/18

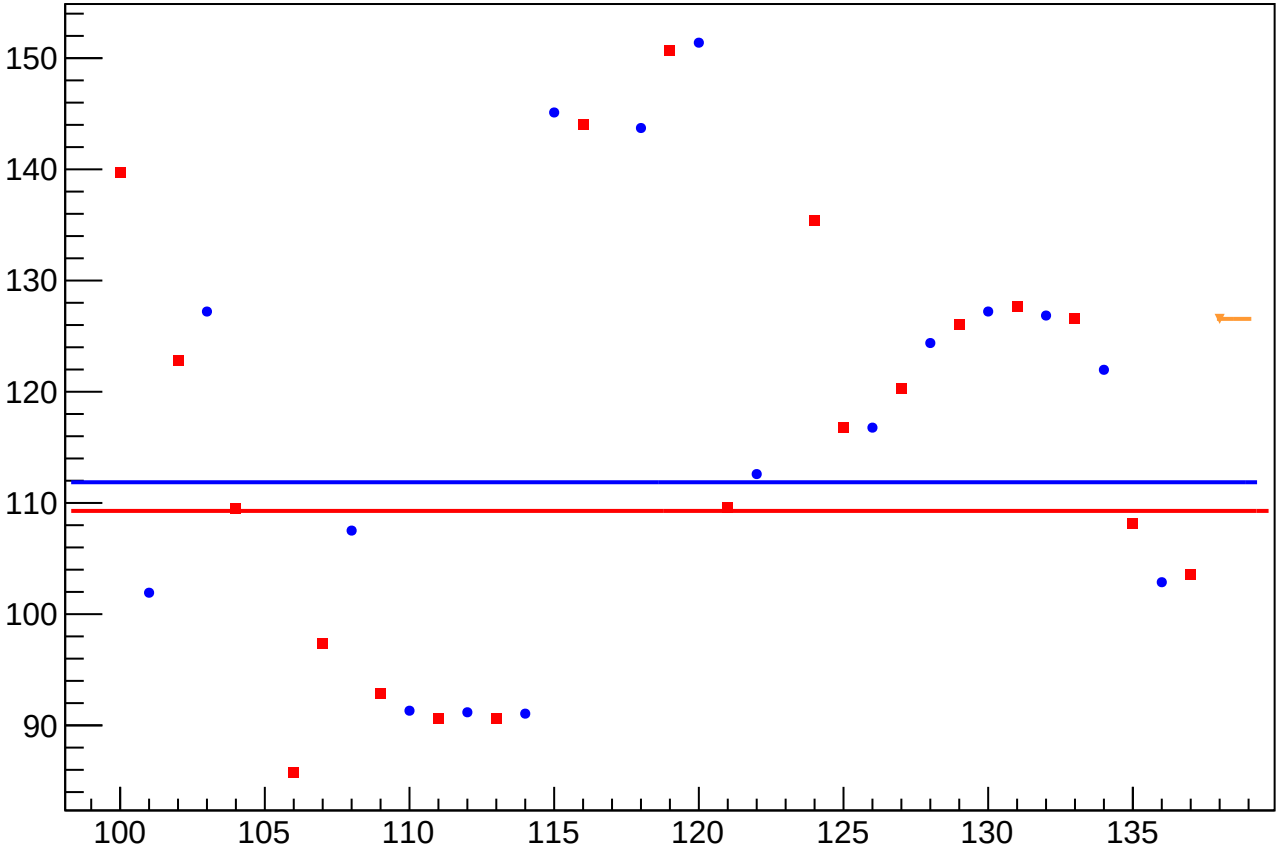
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 119.109+/-40.433 χ^2/NDF: 28.1/16

All: -27.225+/-28.677 χ^2/NDF: 64.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 111.862+/-0.030 χ^2/NDF: 306025.0/15

Left Out: 126.554+/-0.102 χ^2/NDF:0.0/0

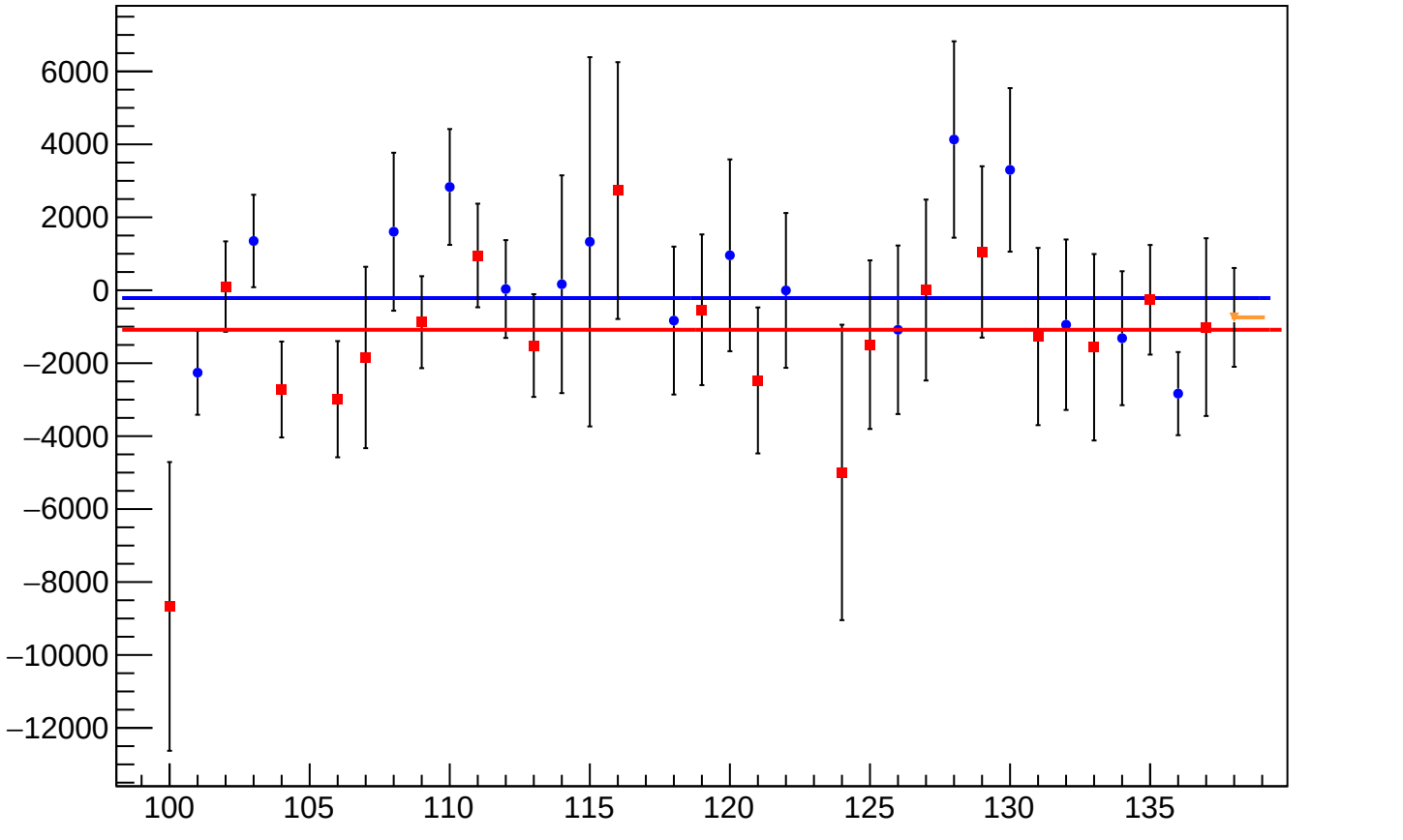
Right Out: 109.284+/-0.029 χ^2/NDF: 370711.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 113.024+/-0.029 χ^2/NDF: 325253.9/16

All: 111.165+/-0.020 χ^2/NDF: 704468.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -214.278+/-443.965 χ^2/NDF: 20.4/15

Left Out: -744.099+/-1354.294 χ^2/NDF:0.0/0

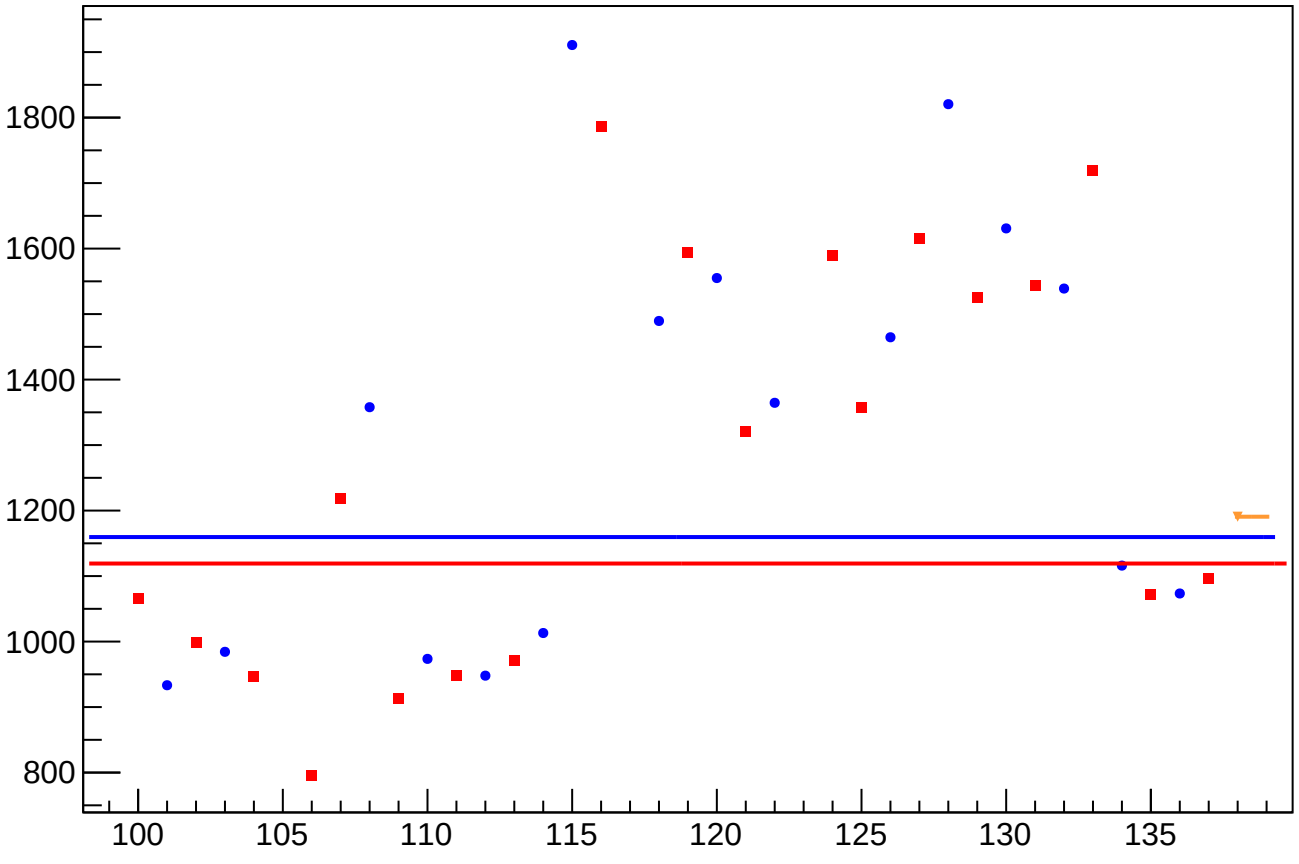
Right Out: -1083.943+/-423.774 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -265.691+/-421.875 χ^2/NDF: 20.6/16

All: -672.979+/-298.980 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1159.576+/-0.314 χ^2/NDF: 683662.2/15

Left Out: 1190.647+/-0.958 χ^2/NDF:0.0/0

Right Out: 1119.156+/-0.300 χ^2/NDF: 803154.6/18

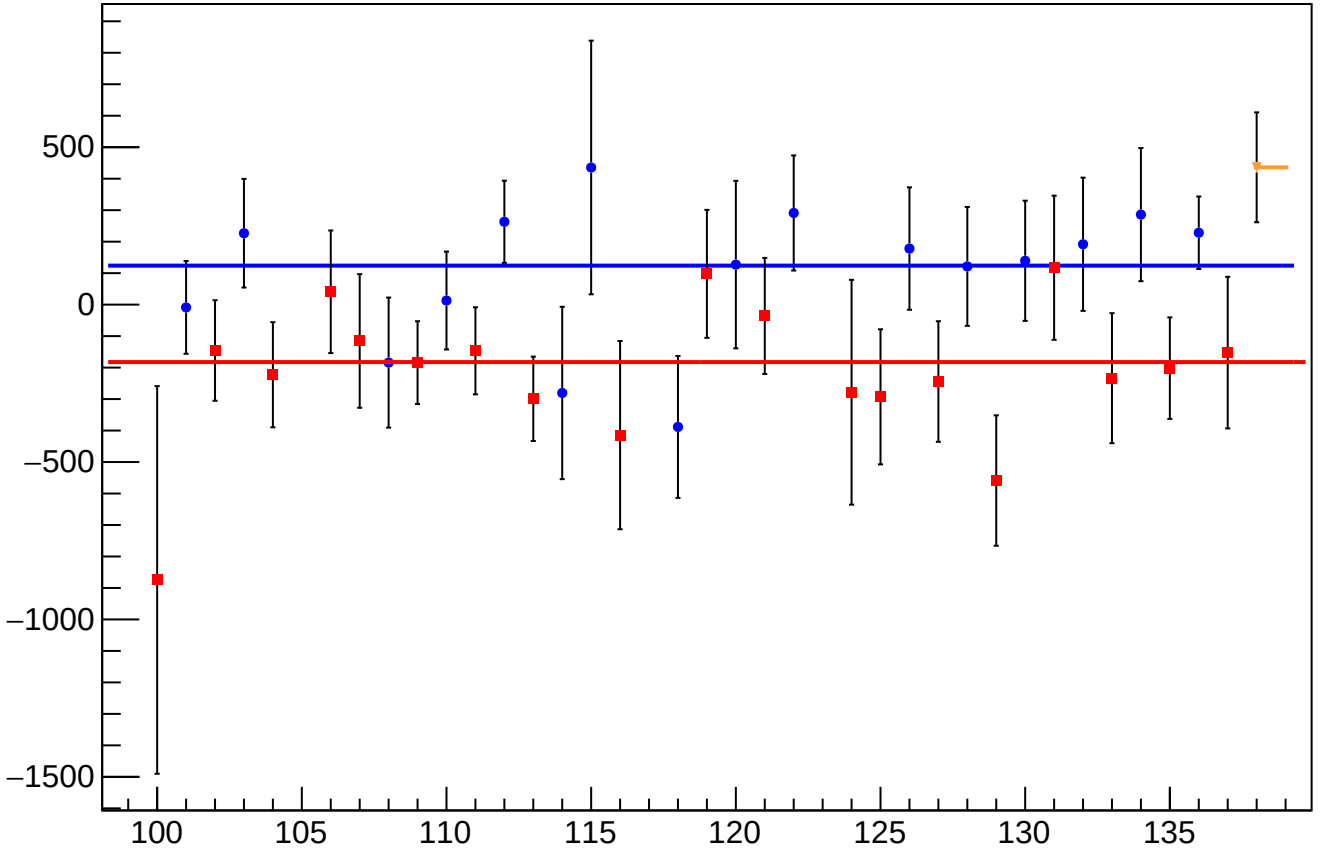
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1162.591+/-0.298 χ^2/NDF: 684612.7/16

All: 1140.971+/-0.211 χ^2/NDF: 1498320.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 123.892+/-45.238 χ^2/NDF: 15.4/15

Left Out: 436.174+/-174.537 χ^2/NDF:0.0/0

Right Out: -182.467+/-43.224 χ^2/NDF: 12.3/18

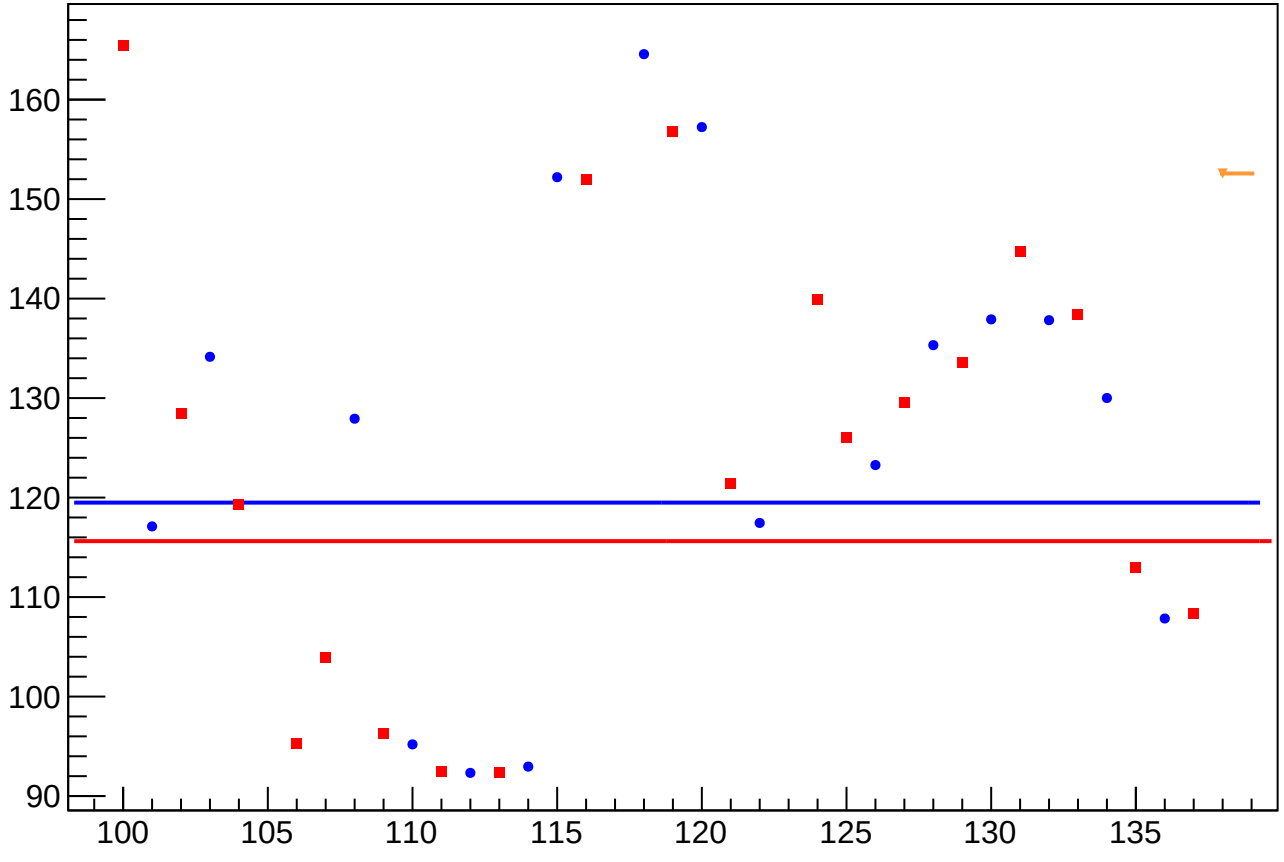
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 143.551+/-43.791 χ^2/NDF: 18.4/16

All: -21.582+/-30.763 χ^2/NDF: 58.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 119.495+/-0.032 χ^2/NDF: 380250.8/15

Left Out: 152.576+/-0.123 χ^2/NDF:0.0/0

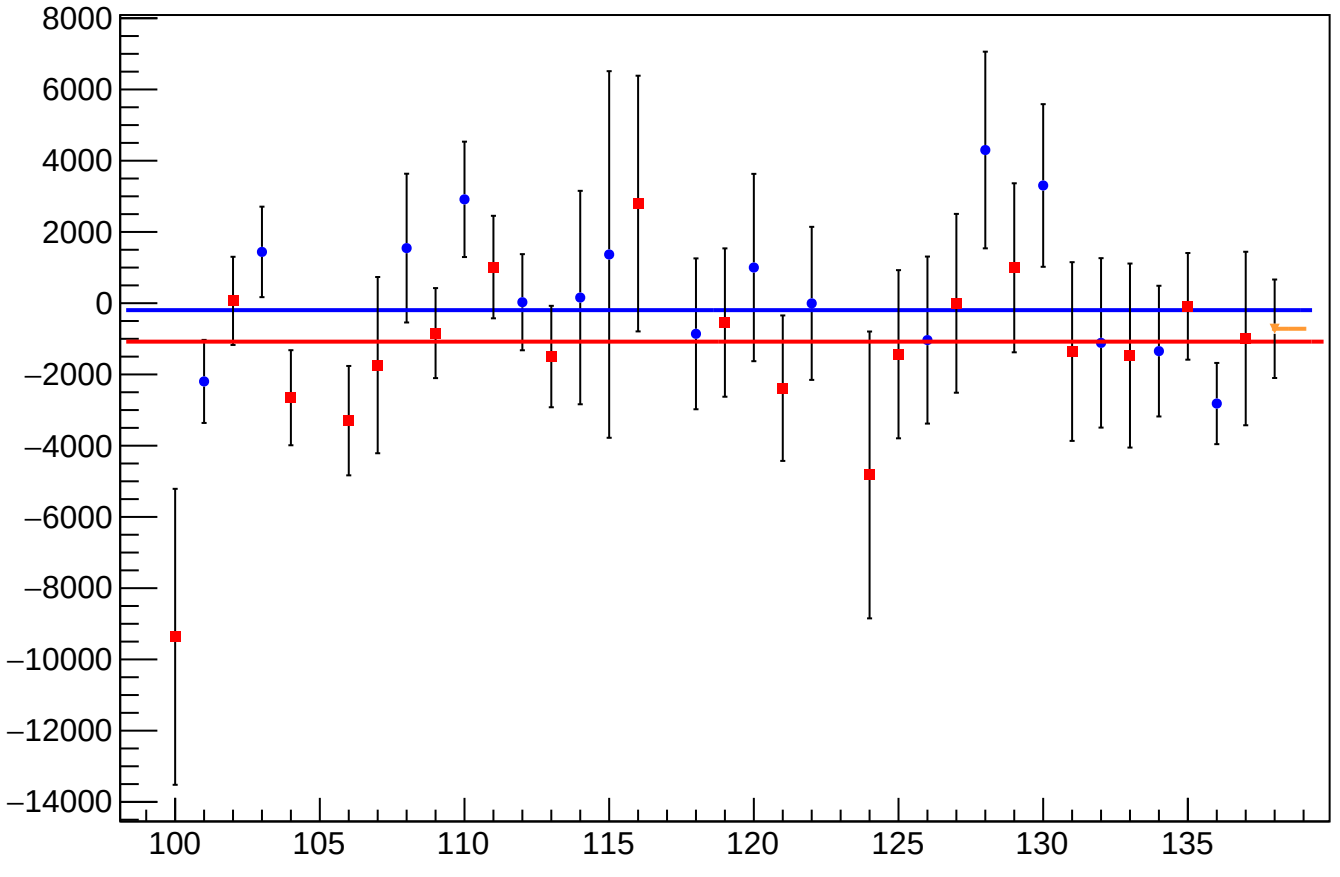
Right Out: 115.622+/-0.031 χ^2/NDF: 426961.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 121.577+/-0.031 χ^2/NDF: 447579.1/16

All: 118.561+/-0.022 χ^2/NDF: 893276.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -195.086+/-447.334 χ^2/NDF: 20.4/15

Left Out: -717.551+/-1382.328 χ^2/NDF:0.0/0

Right Out: -1079.393+/-425.950 χ^2/NDF: 14.6/18

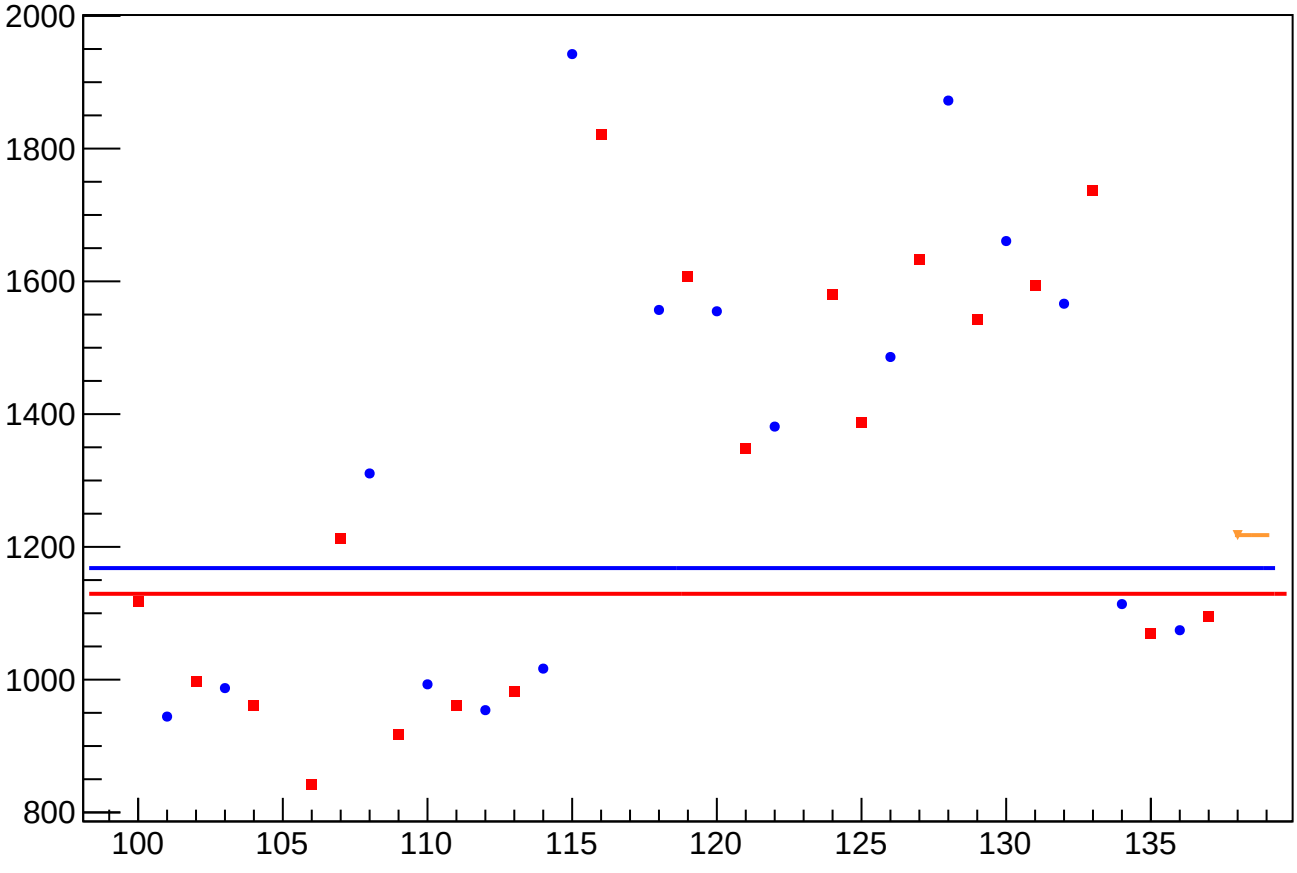
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -244.613+/-425.603 χ^2/NDF: 20.5/16

All: -661.663+/-301.069 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1168.063+/-0.316 χ^2/NDF: 709363.8/15

Left Out: 1217.726+/-0.977 χ^2/NDF:0.0/0

Right Out: 1129.316+/-0.301 χ^2/NDF: 807222.5/18

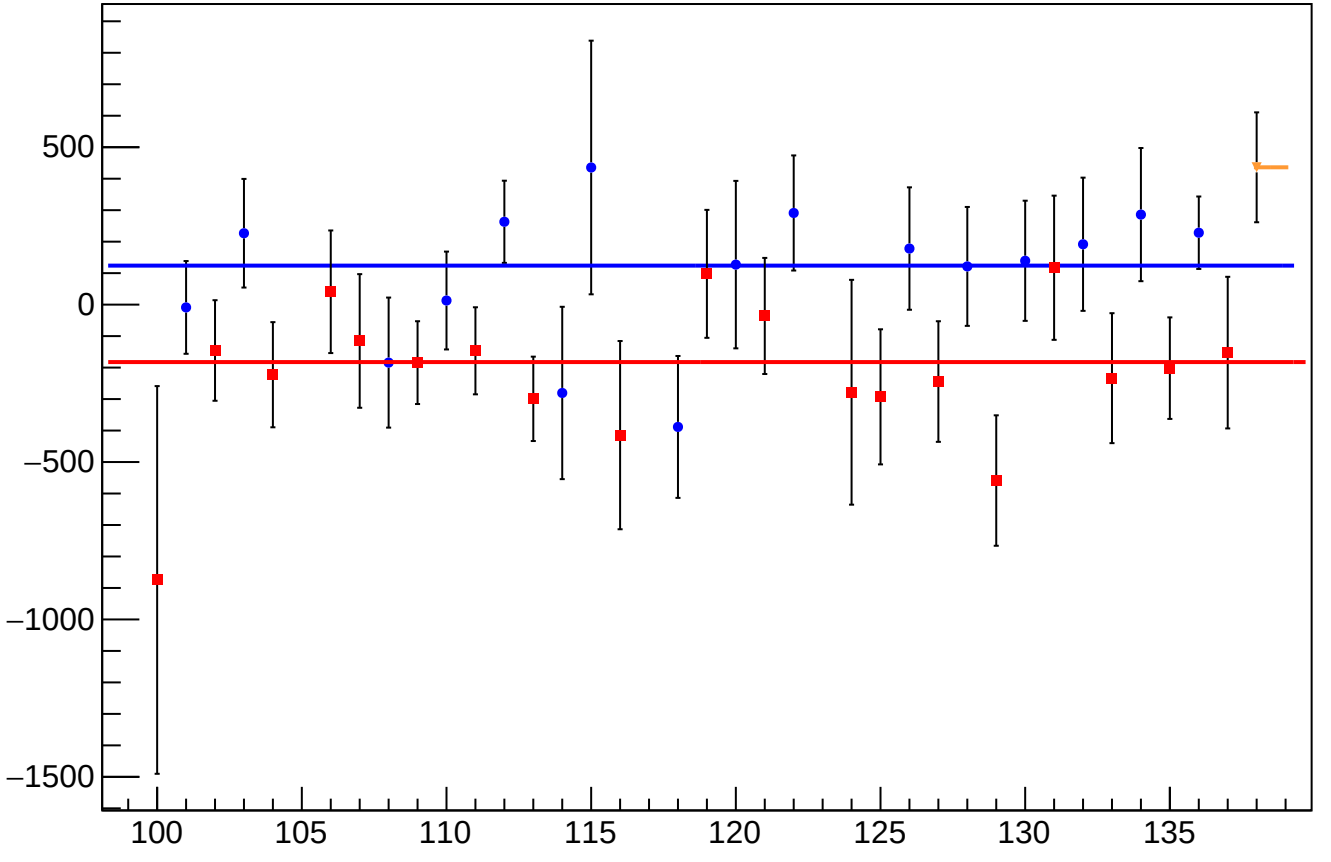
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1172.771+/-0.301 χ^2/NDF: 711700.6/16

All: 1151.061+/-0.213 χ^2/NDF: 1529339.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_48_dd_mean vs Slug



Right In: 123.895+/-45.238 χ^2/NDF: 15.4/15

Left Out: 436.170+/-174.536 χ^2/NDF:0.0/0

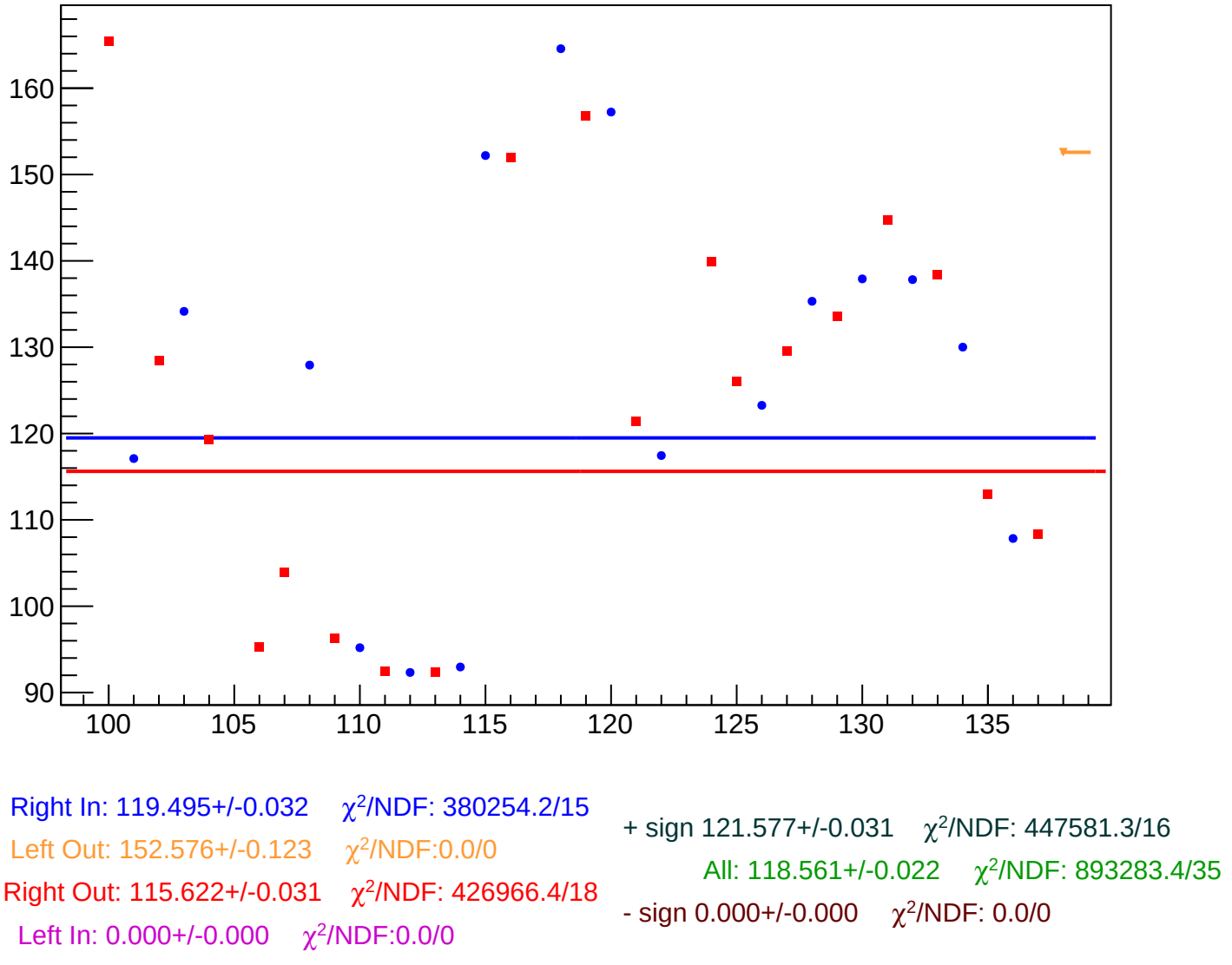
Right Out: -182.468+/-43.224 χ^2/NDF: 12.3/18

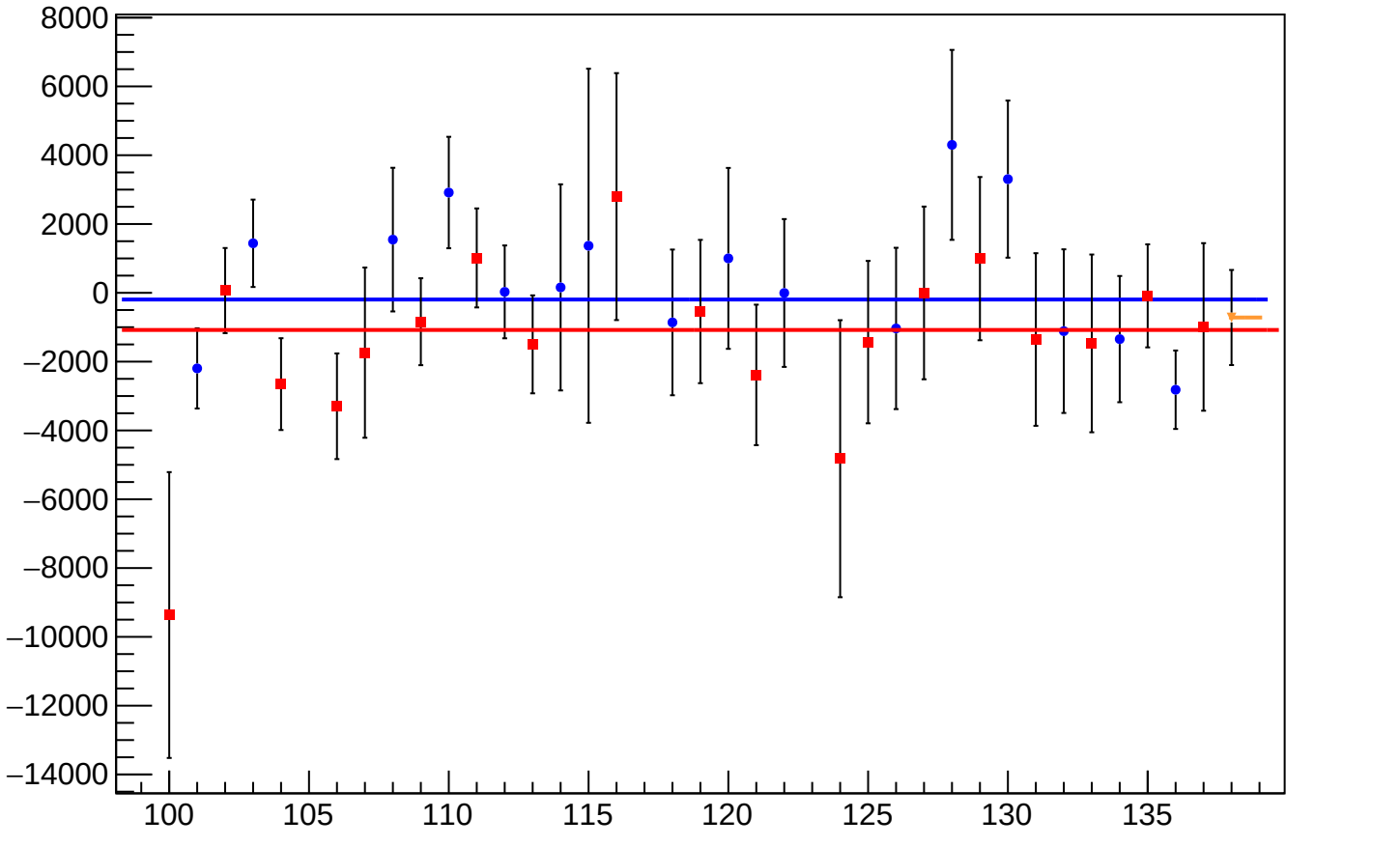
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 143.553+/-43.791 χ^2/NDF: 18.4/16

All: -21.581+/-30.763 χ^2/NDF: 58.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


eigen_dit_asym_sam_48_dd_rms vs Slug
160
150
140
130
120
110
100
90
100
105
110
115
120
125
130
135
Right In: 119.495+/-0.032 χ²/NDF: 380254.2/15
Left Out: 152.576+/-0.123 χ²/NDF:0.0/0
Right Out: 115.622+/-0.031 χ²/NDF: 426966.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 121.577+/-0.031 χ²/NDF: 447581.3/16
All: 118.561+/-0.022 χ²/NDF: 893283.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -195.085+/-447.334 χ^2/NDF: 20.4/15

Left Out: -717.556+/-1382.325 χ^2/NDF:0.0/0

Right Out: -1079.393+/-425.950 χ^2/NDF: 14.6/18

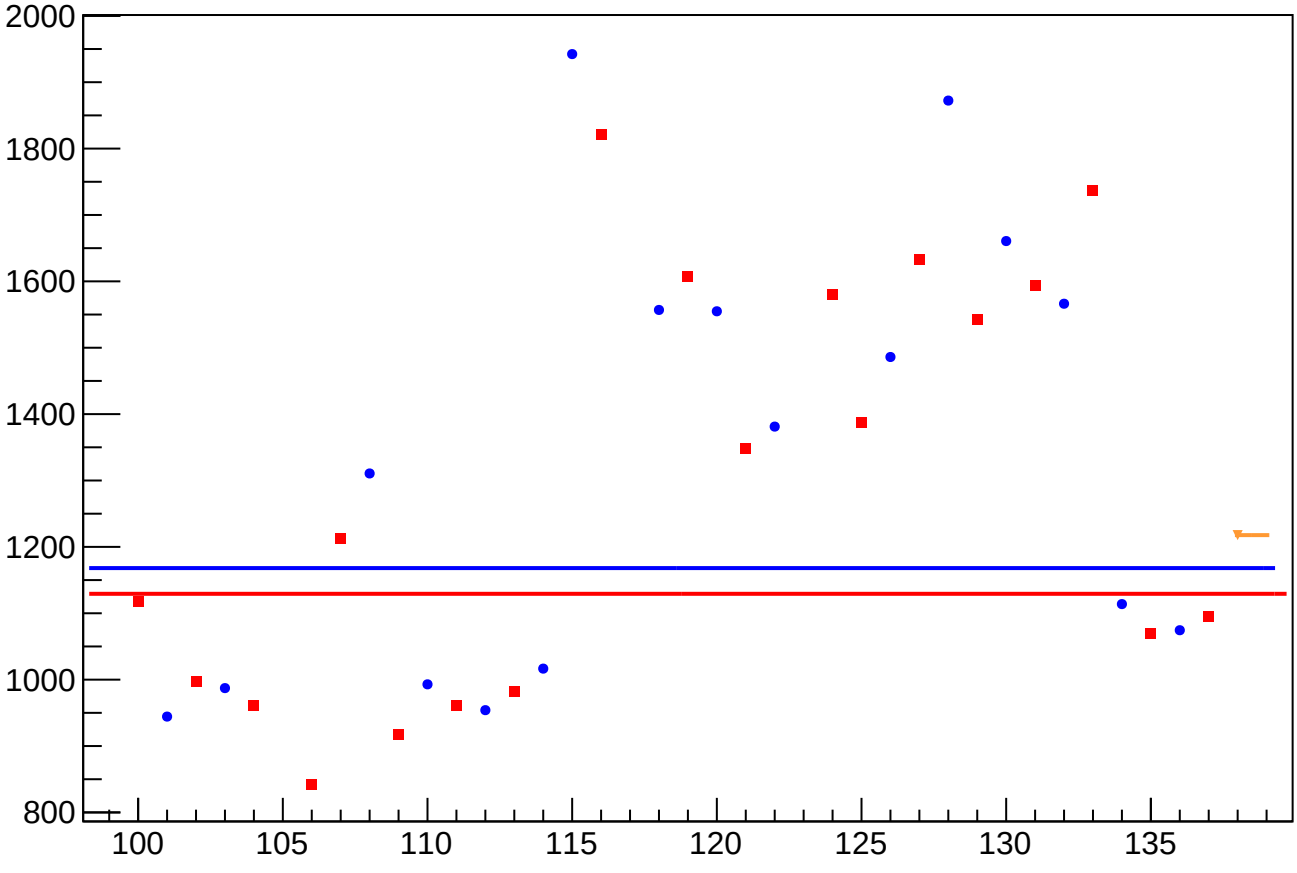
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -244.613+/-425.603 χ^2/NDF: 20.5/16

All: -661.663+/-301.069 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1168.063+/-0.316 χ^2/NDF: 709365.6/15

Left Out: 1217.724+/-0.977 χ^2/NDF:0.0/0

Right Out: 1129.316+/-0.301 χ^2/NDF: 807224.0/18

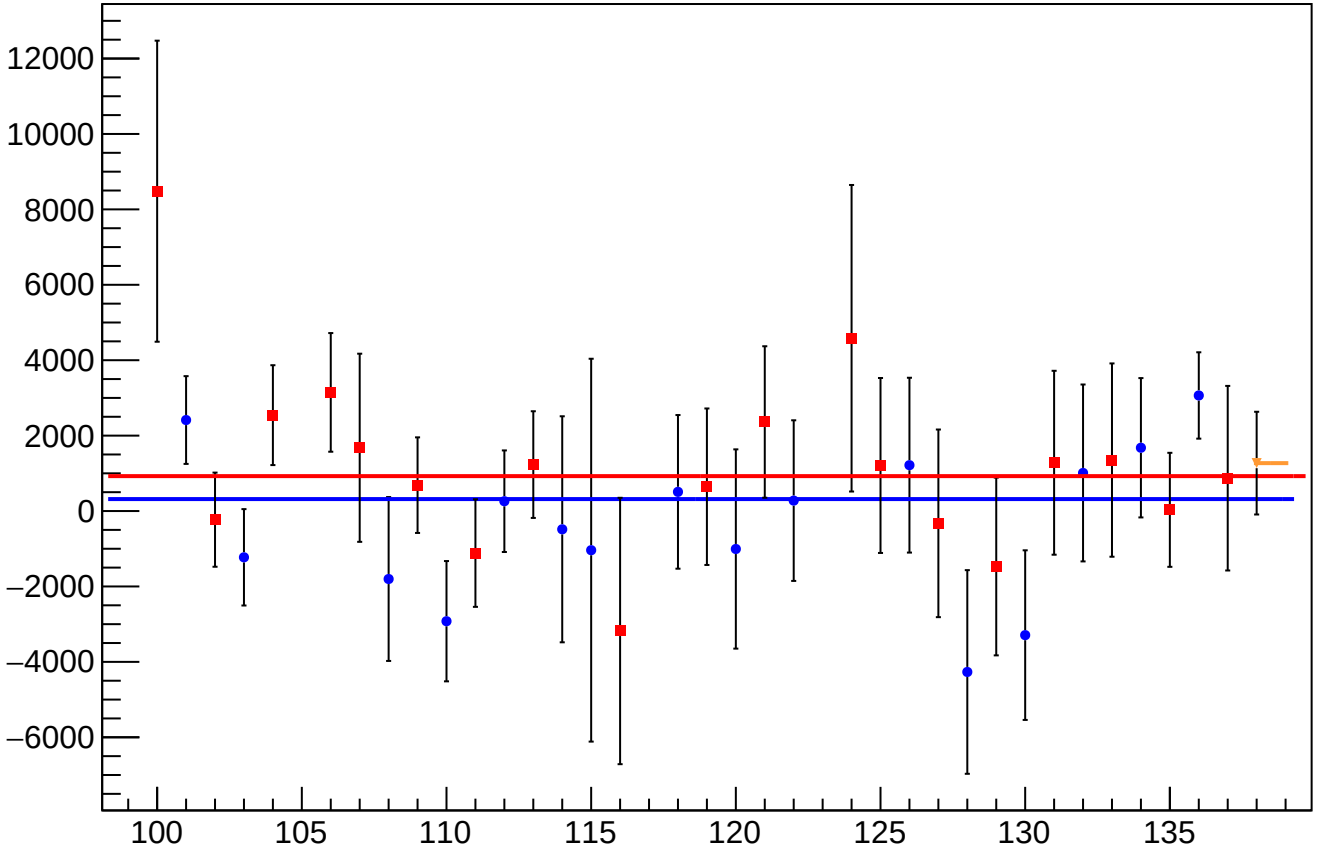
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1172.770+/-0.301 χ^2/NDF: 711702.2/16

All: 1151.061+/-0.213 χ^2/NDF: 1529342.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: 317.365+/-446.341 χ^2/NDF: 22.2/15

Left Out: 1270.557+/-1362.034 χ^2/NDF:0.0/0

Right Out: 926.036+/-425.405 χ^2/NDF: 14.5/18

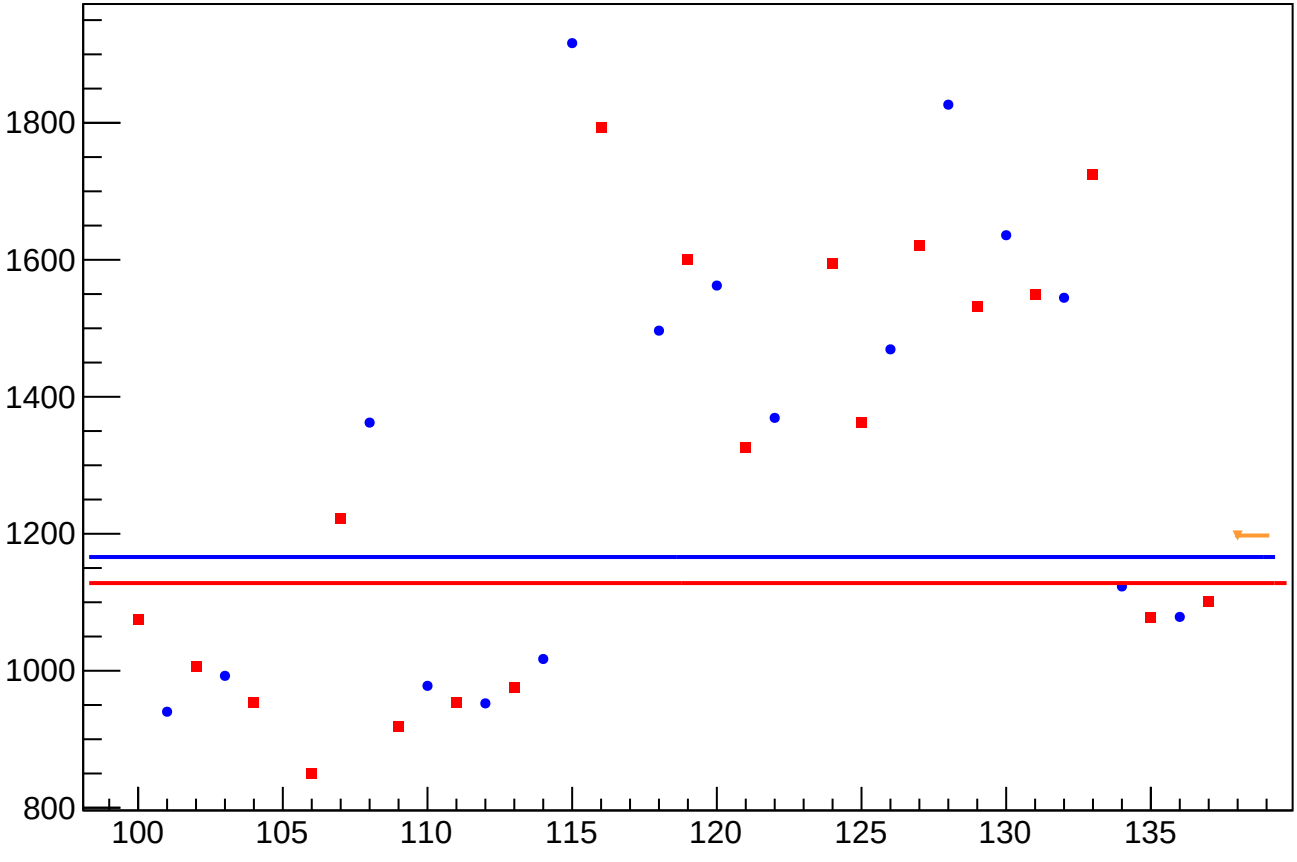
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 409.800+/-424.147 χ^2/NDF: 22.6/16

All: 667.154+/-300.361 χ^2/NDF: 37.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1166.056+/-0.316 χ^2/NDF: 677063.1/15

Left Out: 1197.496+/-0.963 χ^2/NDF:0.0/0

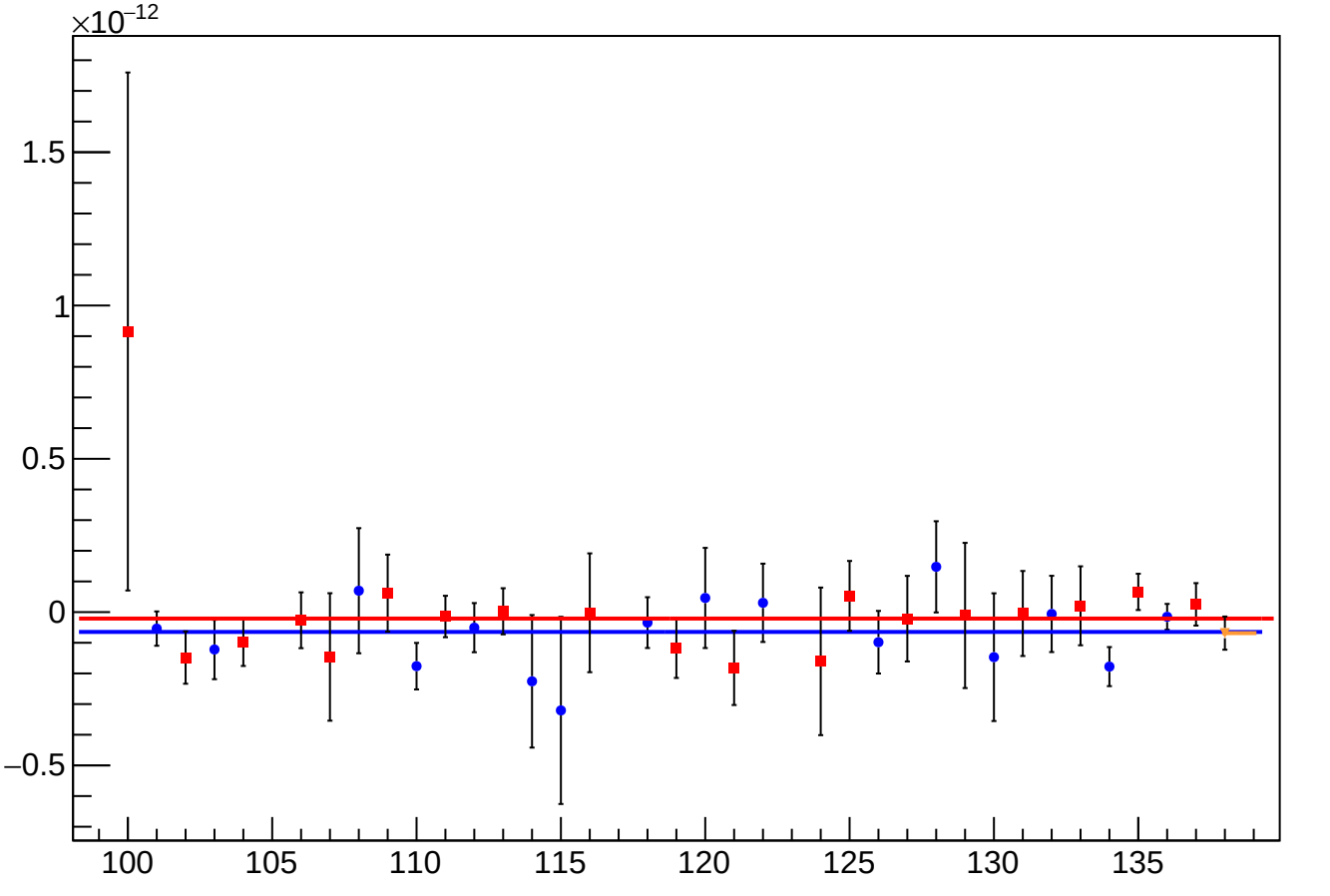
Right Out: 1128.006+/-0.301 χ^2/NDF: 775766.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1169.105+/-0.300 χ^2/NDF: 678025.4/16

All: 1148.617+/-0.212 χ^2/NDF: 1463153.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 12.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

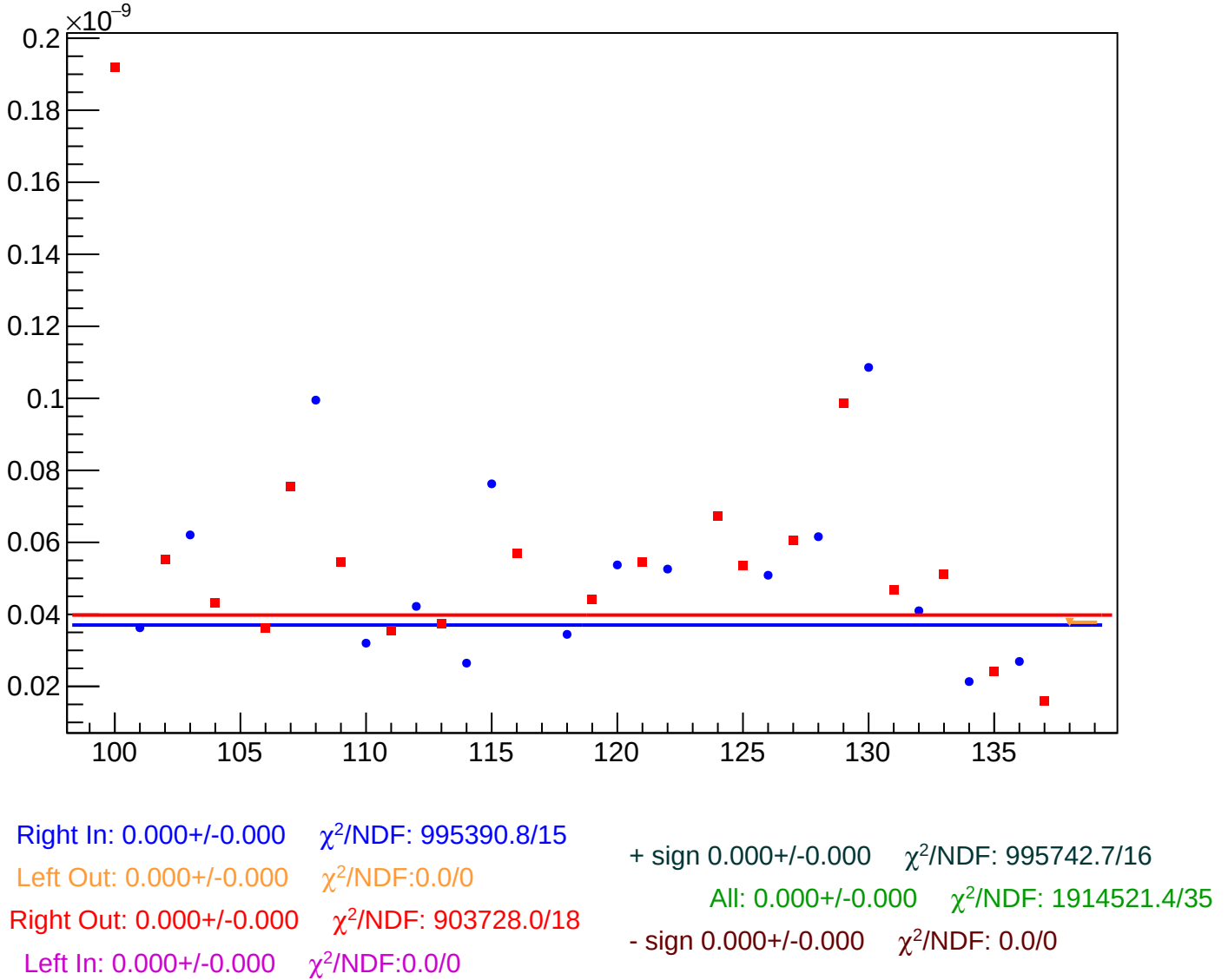
Right Out: -0.000+/-0.000 χ^2/NDF: 11.5/18

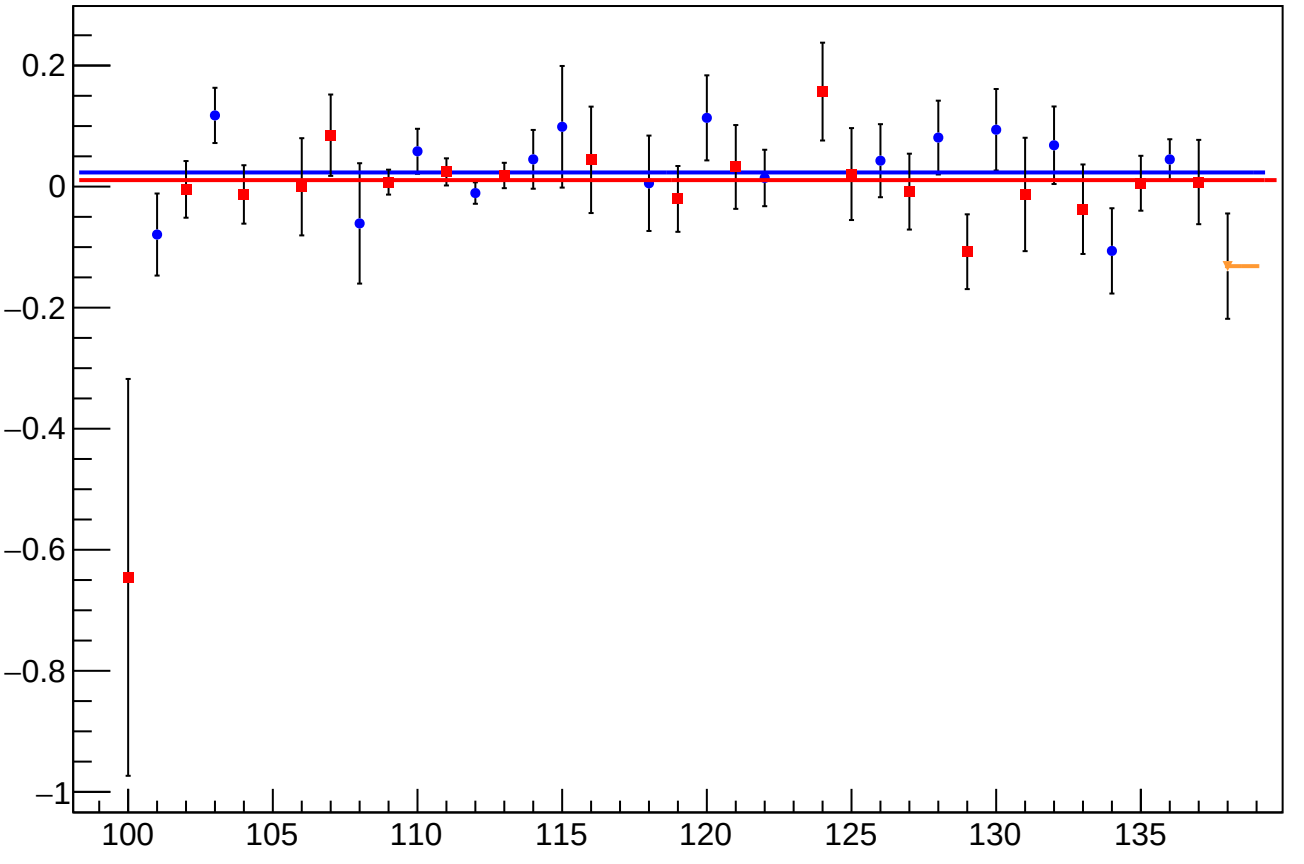
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 12.5/16

All: -0.000+/-0.000 χ^2/NDF: 26.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 995390.8/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 903728.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 995742.7/16
All: 0.000+/-0.000 χ²/NDF: 1914521.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.023+/-0.011 χ^2/NDF: 20.7/15

Left Out: -0.131+/-0.087 χ^2/NDF:0.0/0

Right Out: 0.011+/-0.010 χ^2/NDF: 14.2/18

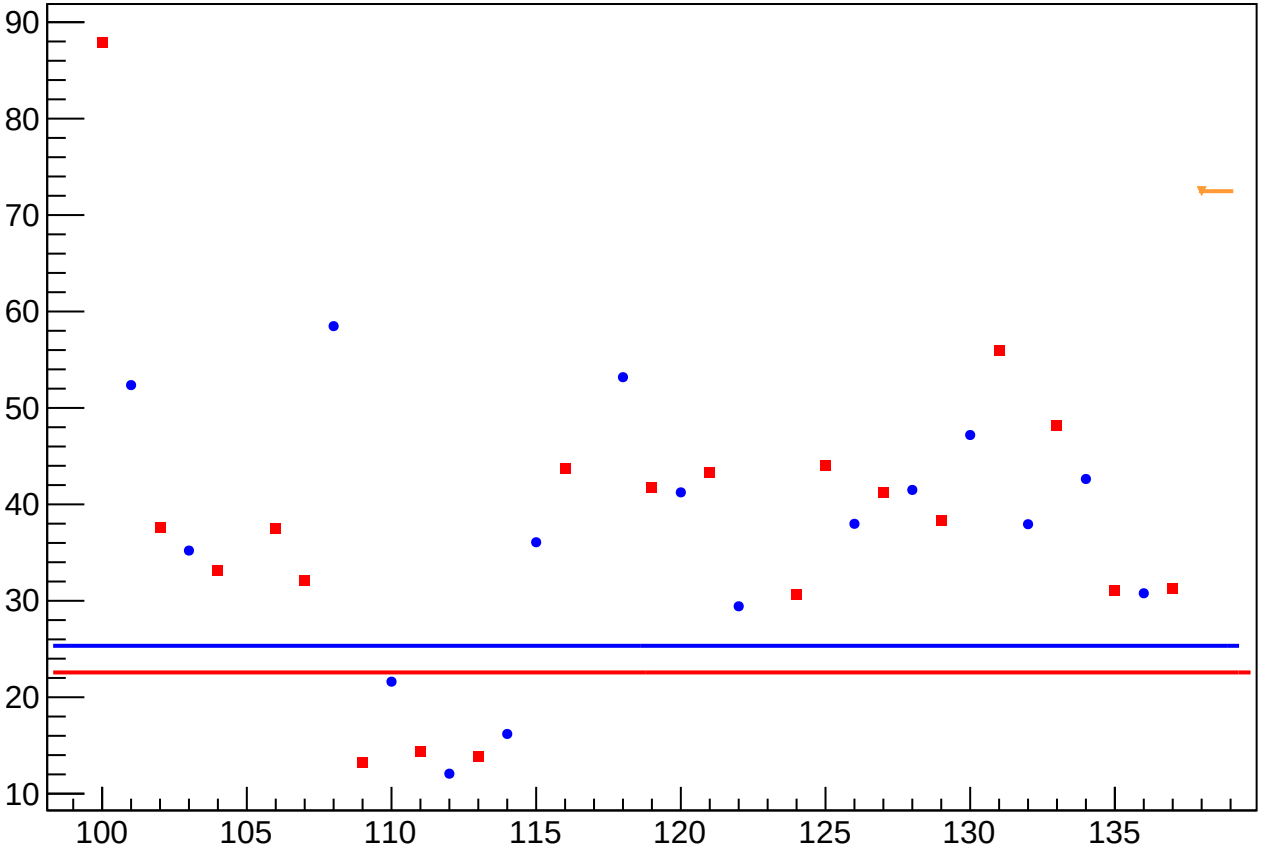
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.021+/-0.011 χ^2/NDF: 23.8/16

All: 0.015+/-0.007 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 25.334+/-0.008 χ^2/NDF: 2925132.2/15

Left Out: 72.477+/-0.062 χ^2/NDF:0.0/0

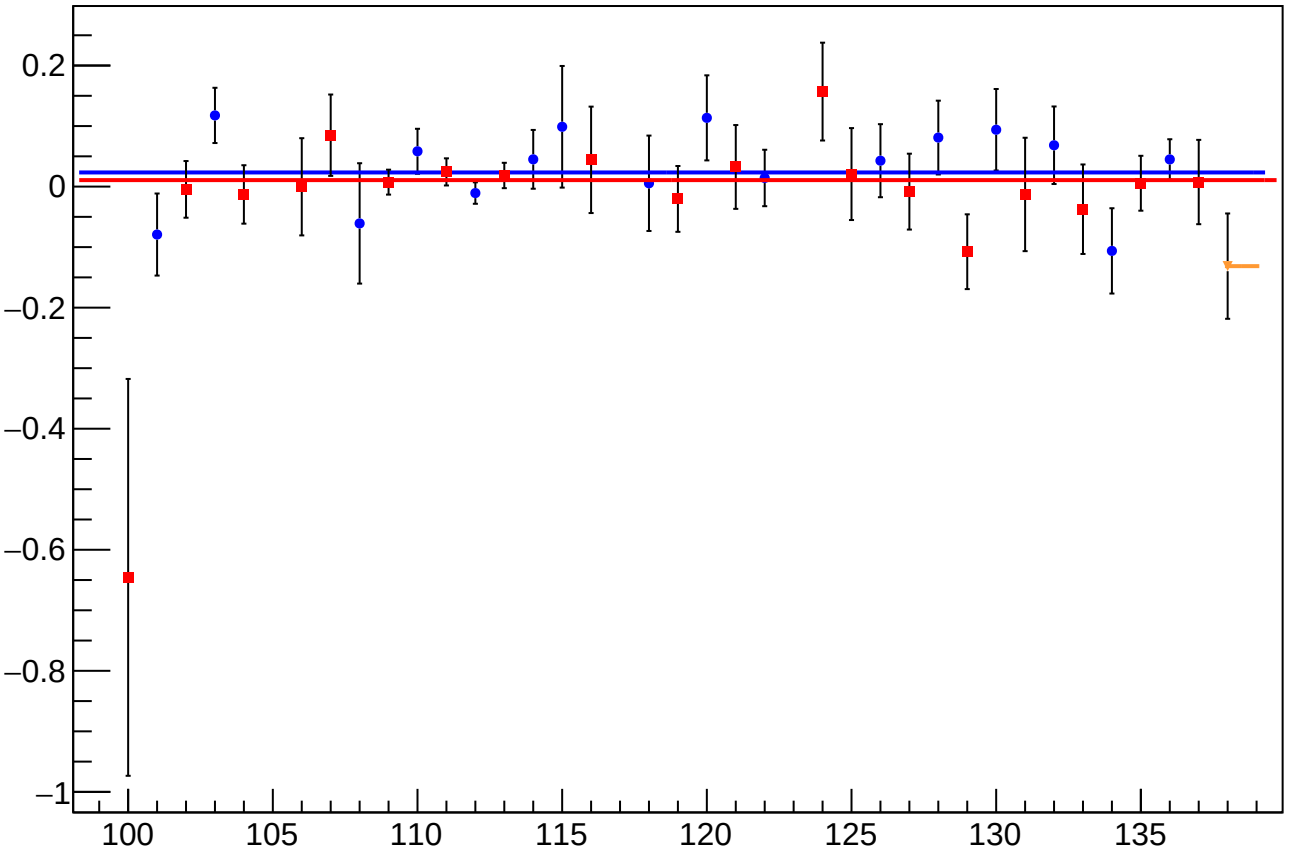
Right Out: 22.571+/-0.007 χ^2/NDF: 3139937.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.085+/-0.008 χ^2/NDF: 3502831.0/16

All: 24.129+/-0.005 χ^2/NDF: 6756702.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.023+/-0.011 χ^2/NDF: 20.7/15

Left Out: -0.131+/-0.087 χ^2/NDF:0.0/0

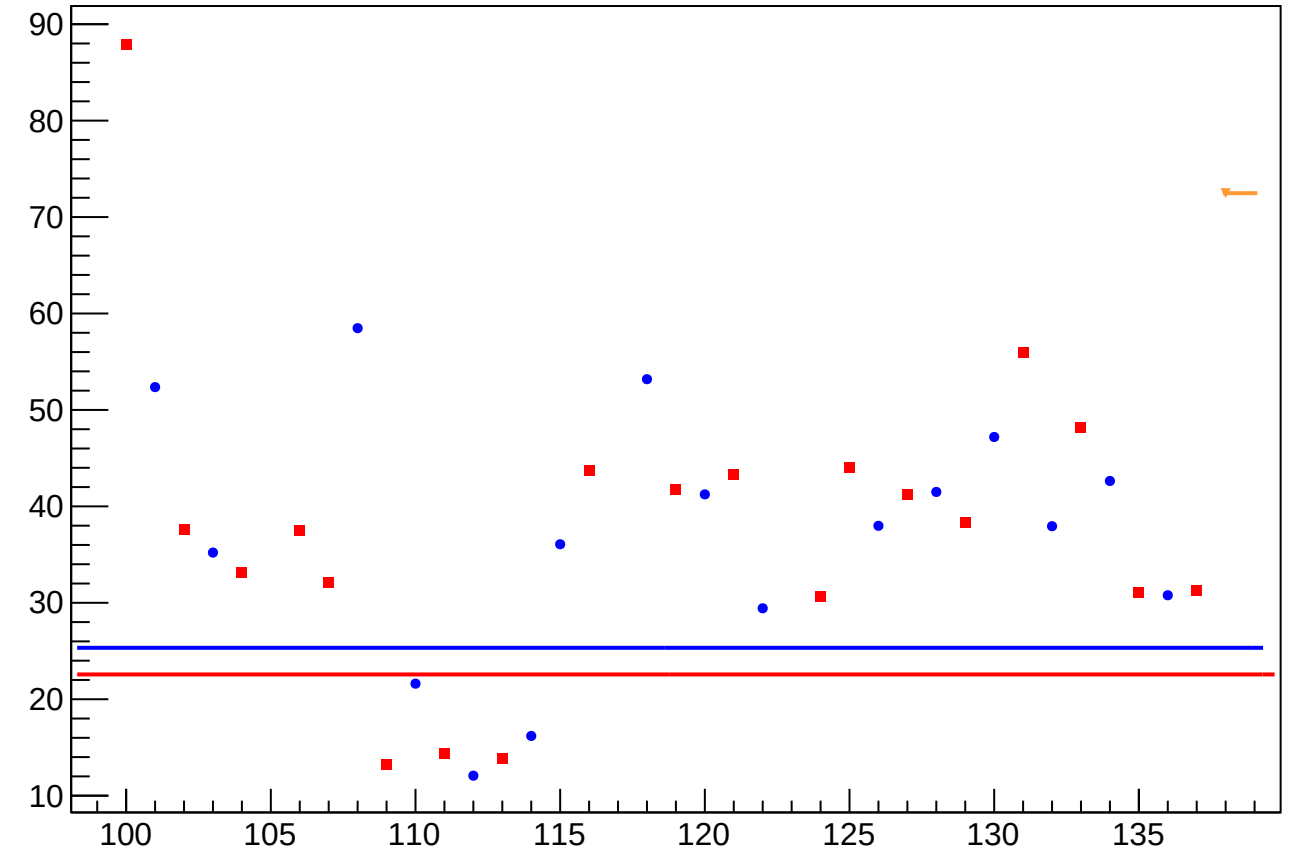
Right Out: 0.011+/-0.010 χ^2/NDF: 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.021+/-0.011 χ^2/NDF: 23.8/16

All: 0.015+/-0.007 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 25.334+/-0.008 χ^2/NDF: 2925132.2/15

Left Out: 72.477+/-0.062 χ^2/NDF:0.0/0

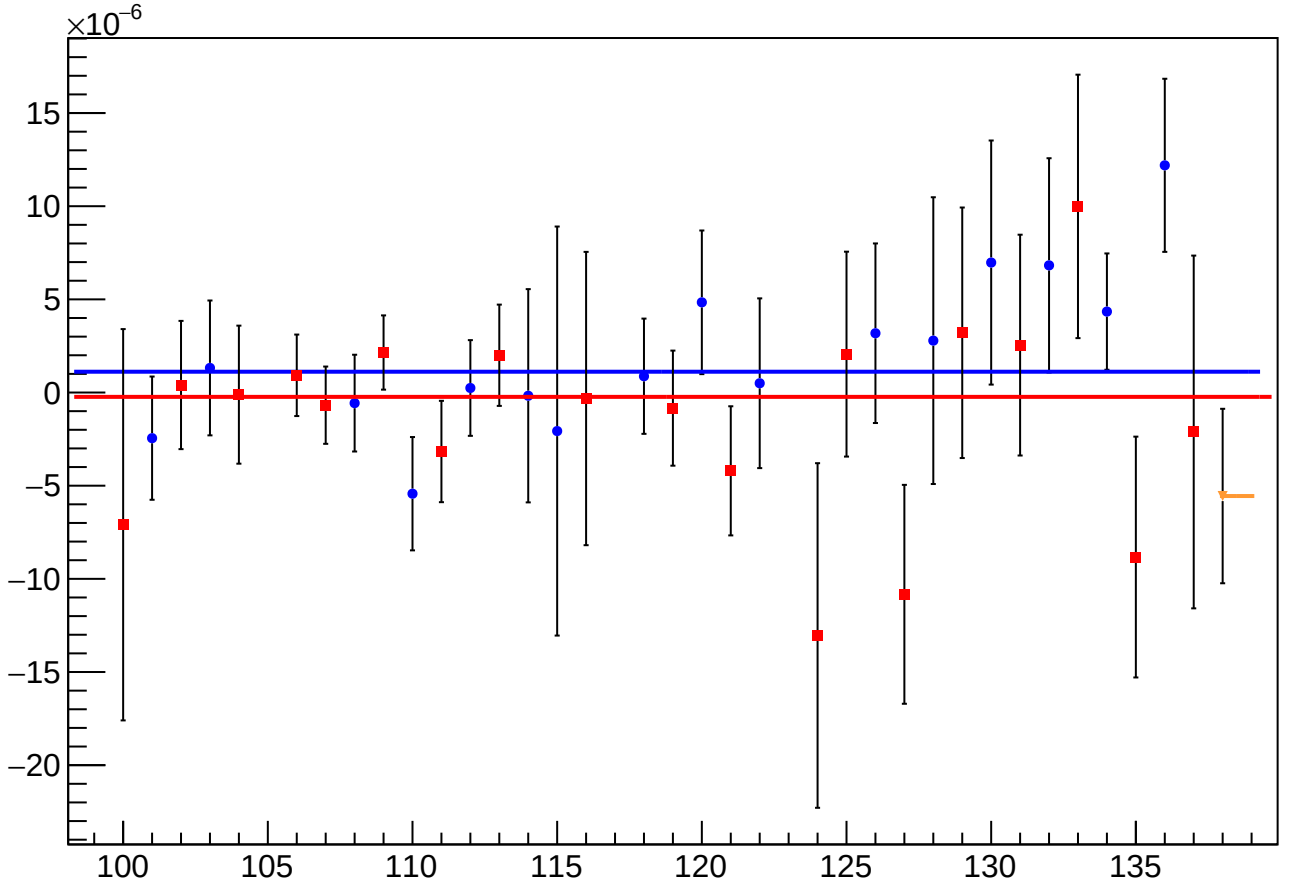
Right Out: 22.571+/-0.007 χ^2/NDF: 3139937.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.085+/-0.008 χ^2/NDF: 3502831.0/16

All: 24.129+/-0.005 χ^2/NDF: 6756702.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

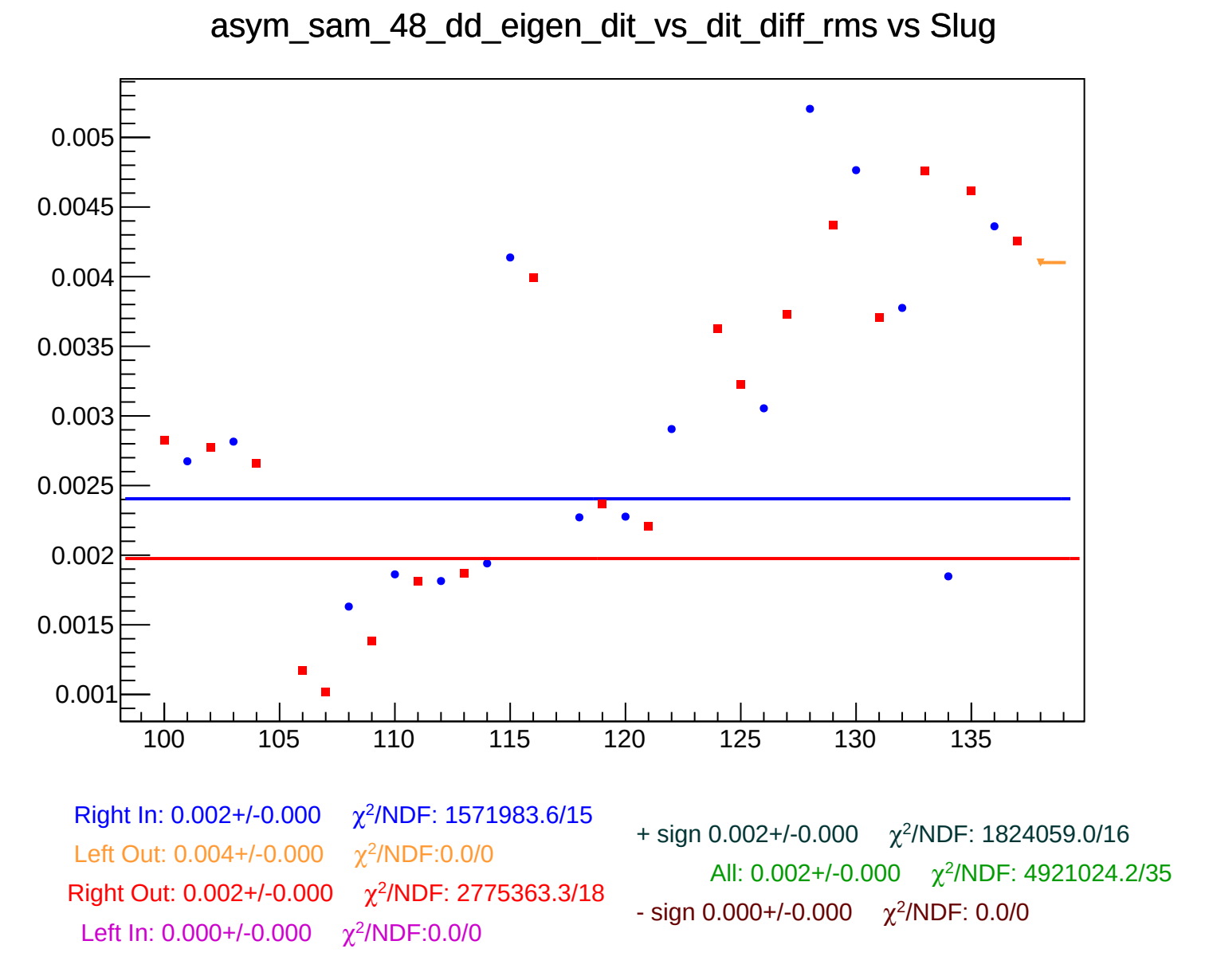
Right Out: -0.000+/-0.000 χ^2/NDF: 15.1/18

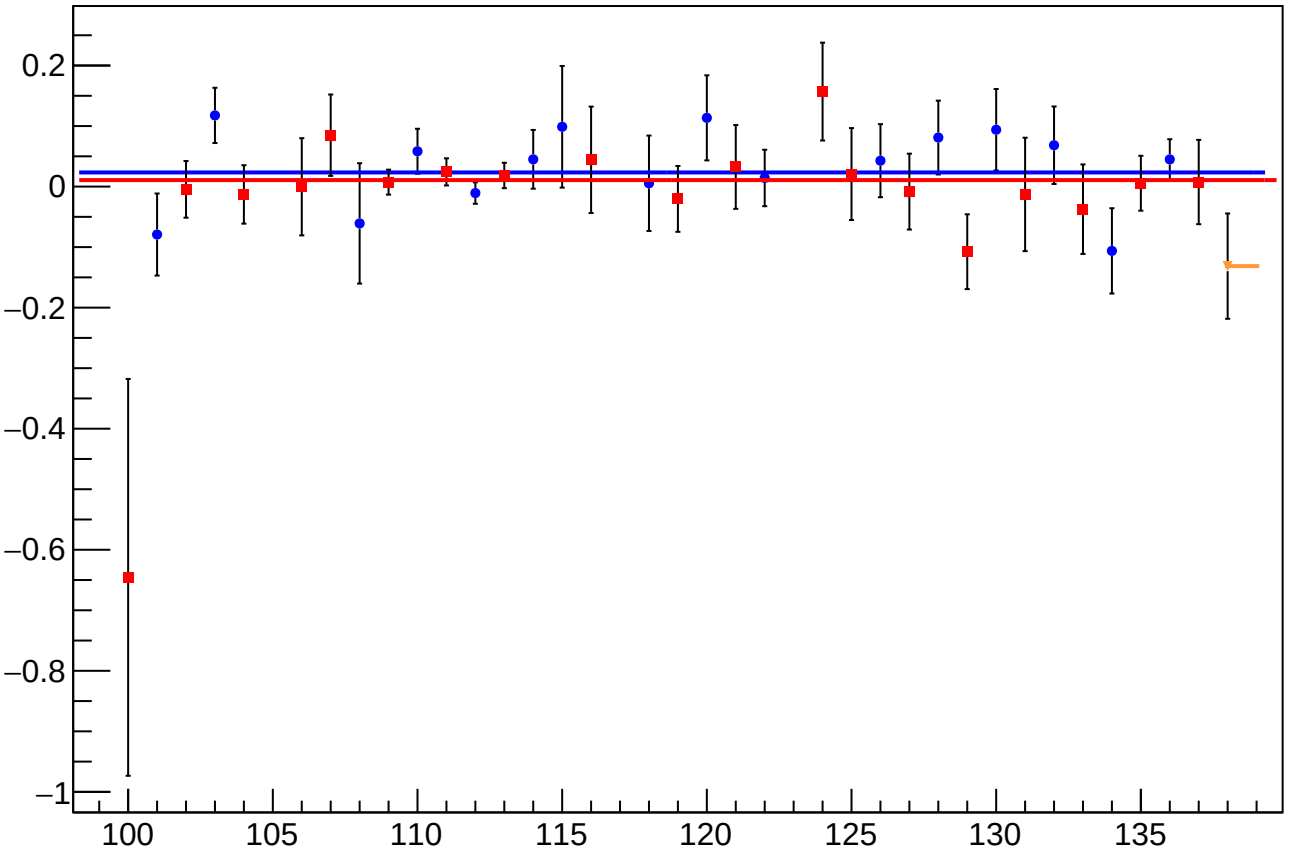
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.2/16

All: 0.000+/-0.000 χ^2/NDF: 34.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.005
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 1571983.6/15
Left Out: 0.004+/-0.000 χ²/NDF:0.0/0
Right Out: 0.002+/-0.000 χ²/NDF: 2775363.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 1824059.0/16
All: 0.002+/-0.000 χ²/NDF: 4921024.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.023+/-0.011 χ^2/NDF: 20.7/15

Left Out: -0.131+/-0.087 χ^2/NDF:0.0/0

Right Out: 0.011+/-0.010 χ^2/NDF: 14.2/18

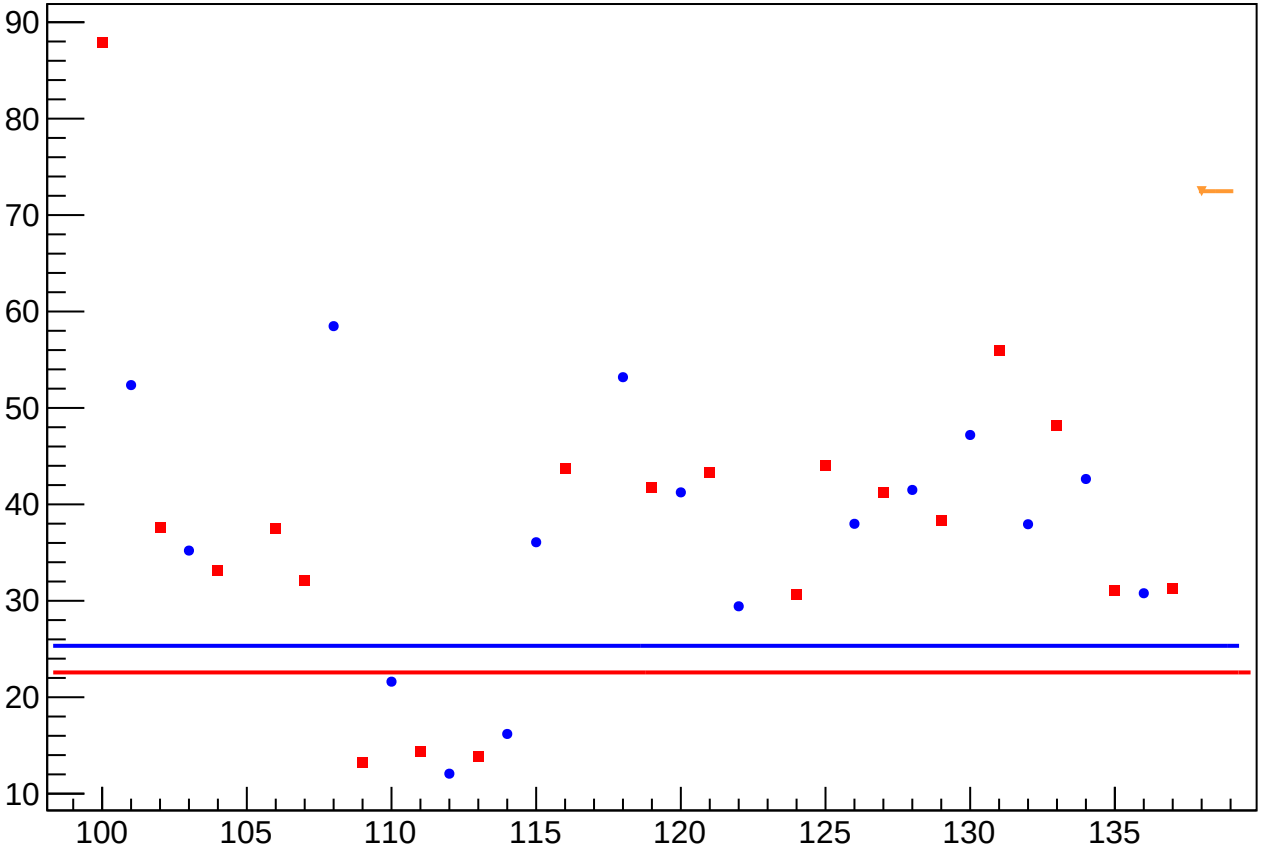
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.021+/-0.011 χ^2/NDF: 23.8/16

All: 0.015+/-0.007 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 25.332+/-0.008 χ^2/NDF: 2925549.0/15

Left Out: 72.476+/-0.062 χ^2/NDF:0.0/0

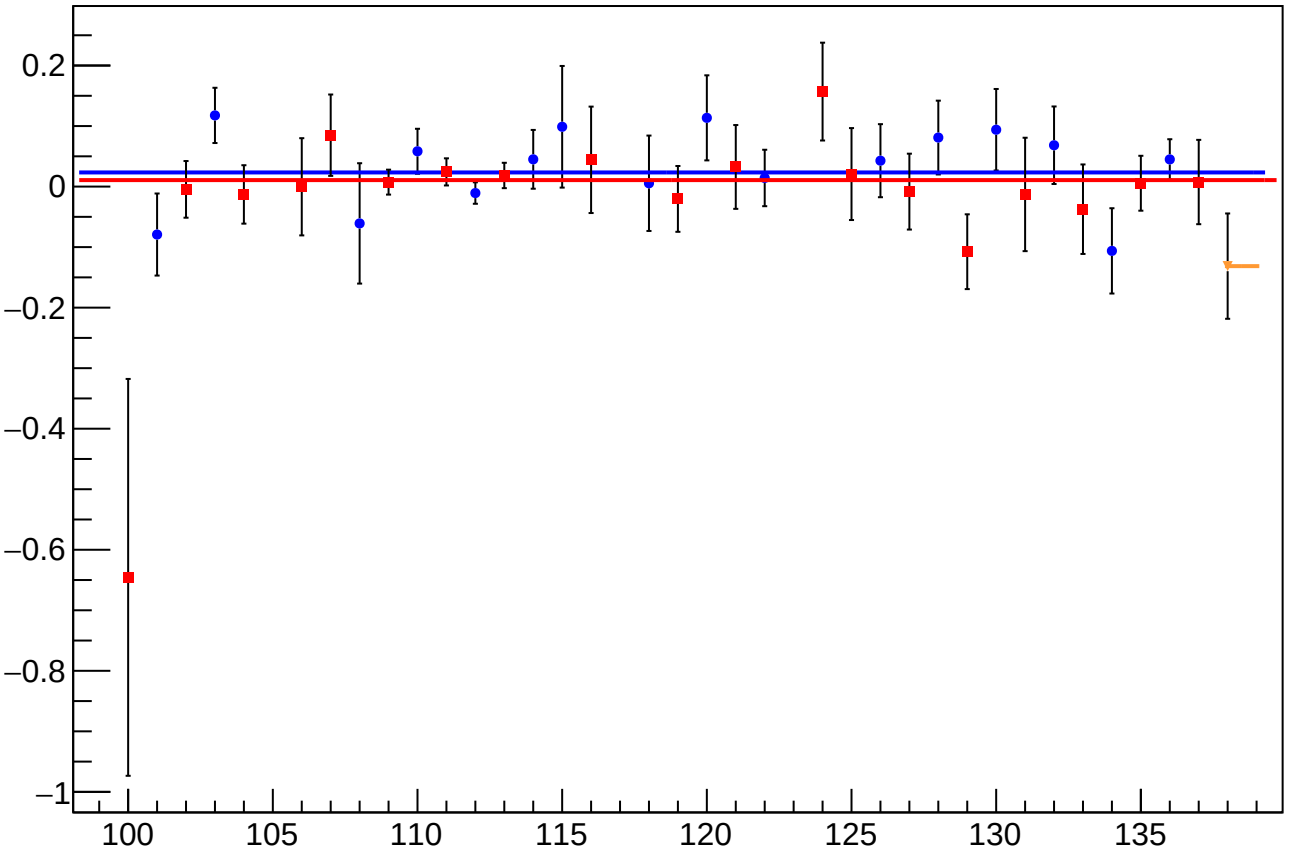
Right Out: 22.571+/-0.007 χ^2/NDF: 3140082.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.083+/-0.008 χ^2/NDF: 3503271.3/16

All: 24.129+/-0.005 χ^2/NDF: 6757225.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.023+/-0.011 χ^2/NDF: 20.7/15

Left Out: -0.131+/-0.087 χ^2/NDF:0.0/0

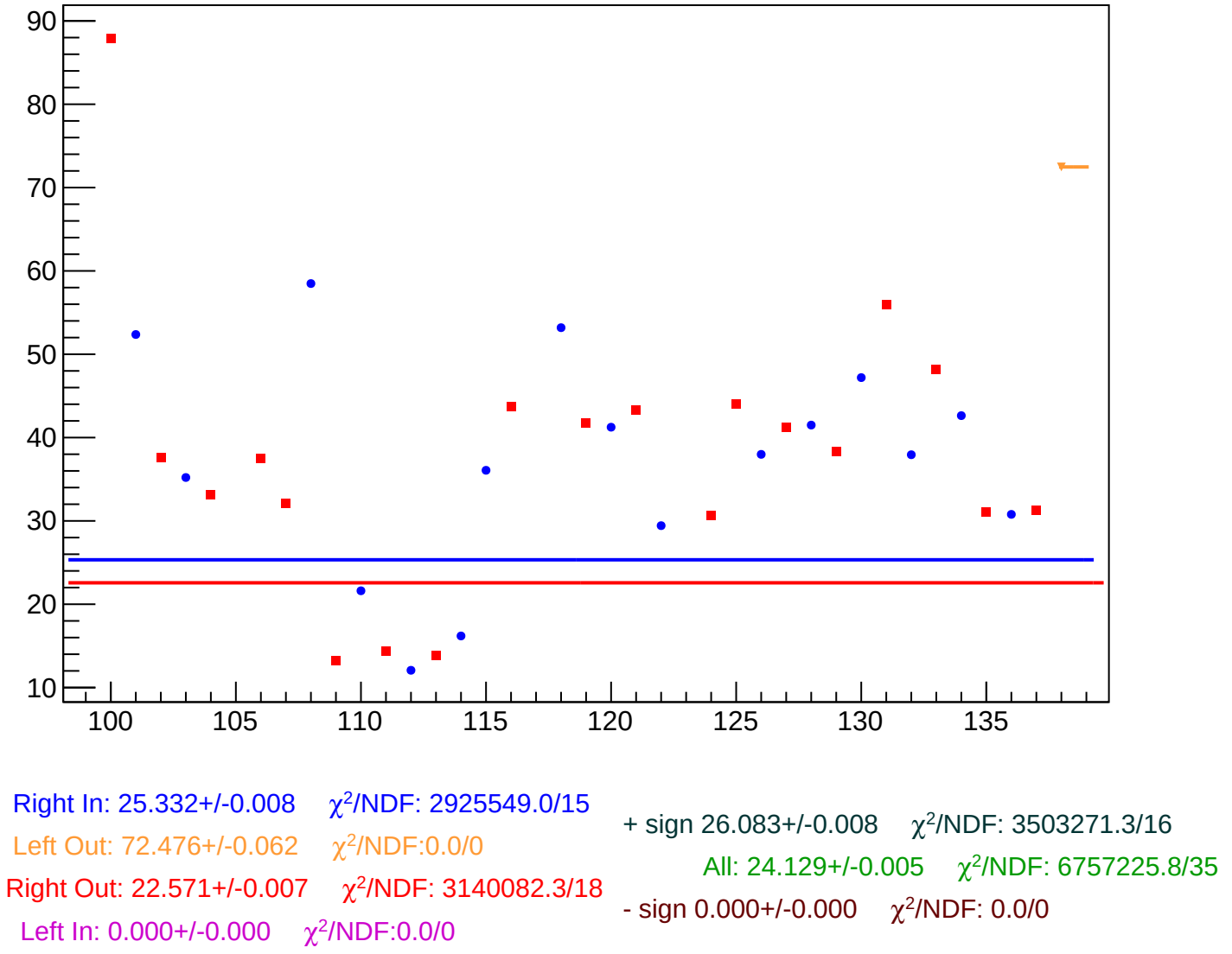
Right Out: 0.011+/-0.010 χ^2/NDF: 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

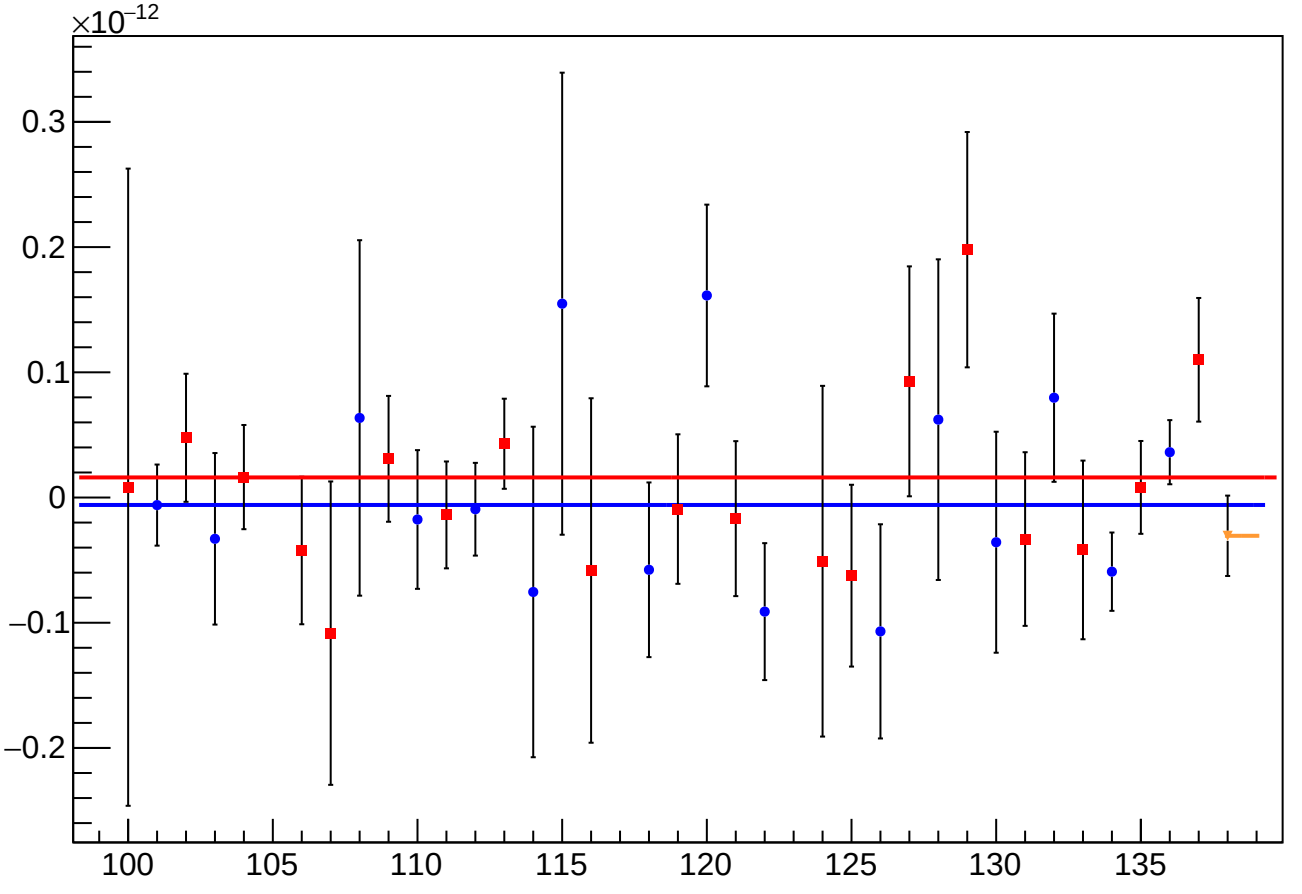
+ sign 0.021+/-0.011 χ^2/NDF: 23.8/16

All: 0.015+/-0.007 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug
90
80
70
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 25.332+/-0.008 χ²/NDF: 2925549.0/15
Left Out: 72.476+/-0.062 χ²/NDF:0.0/0
Right Out: 22.571+/-0.007 χ²/NDF: 3140082.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 26.083+/-0.008 χ²/NDF: 3503271.3/16
All: 24.129+/-0.005 χ²/NDF: 6757225.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 18.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

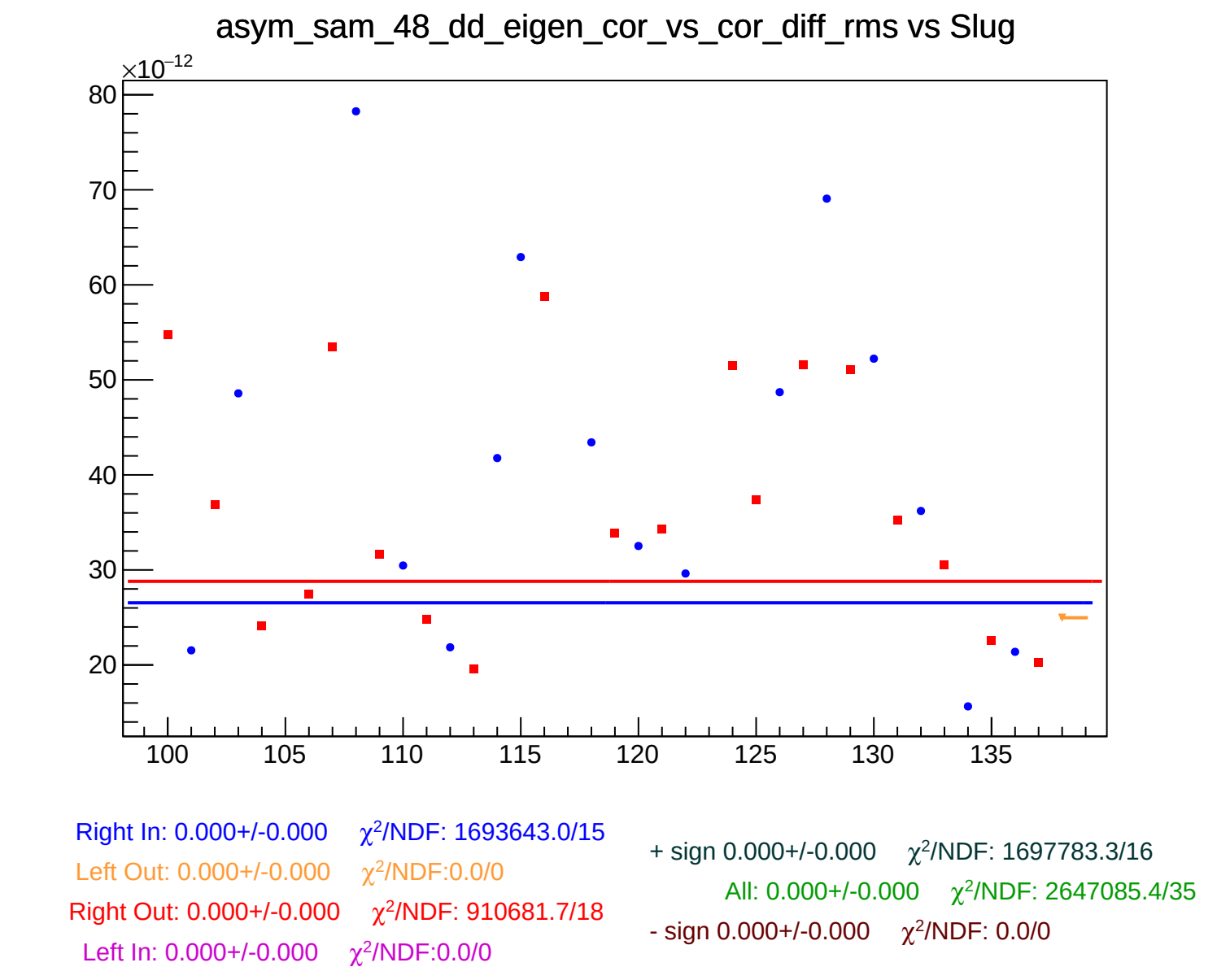
Right Out: 0.000+/-0.000 χ^2/NDF: 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

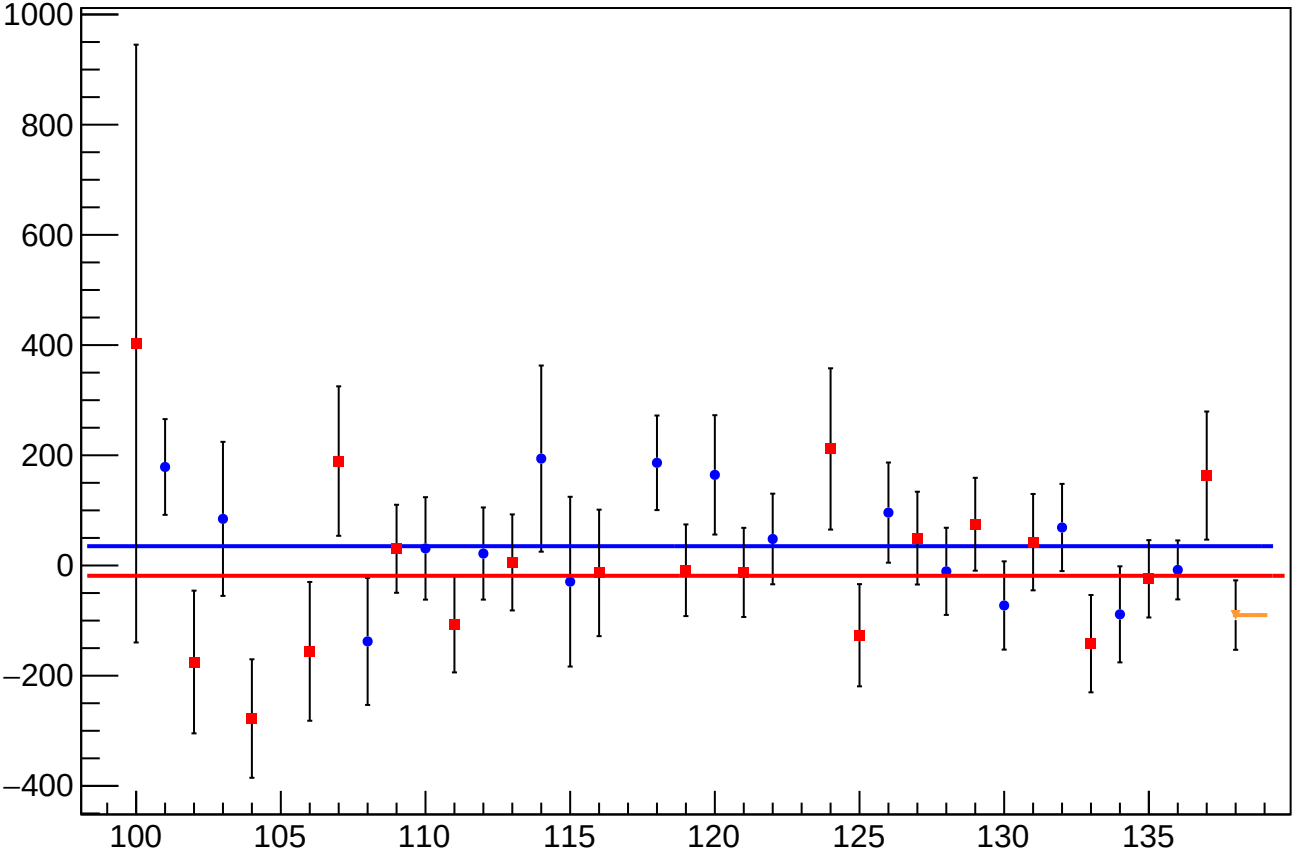
+ sign -0.000+/-0.000 χ^2/NDF: 19.3/16

All: 0.000+/-0.000 χ^2/NDF: 36.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
80
70
60
50
40
30
20
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1693643.0/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 910681.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1697783.3/16
All: 0.000+/-0.000 χ²/NDF: 2647085.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 35.018+/-22.134 χ^2/NDF: 16.2/15

Left Out: -89.995+/-63.034 χ^2/NDF:0.0/0

Right Out: -18.690+/-22.137 χ^2/NDF: 23.5/18

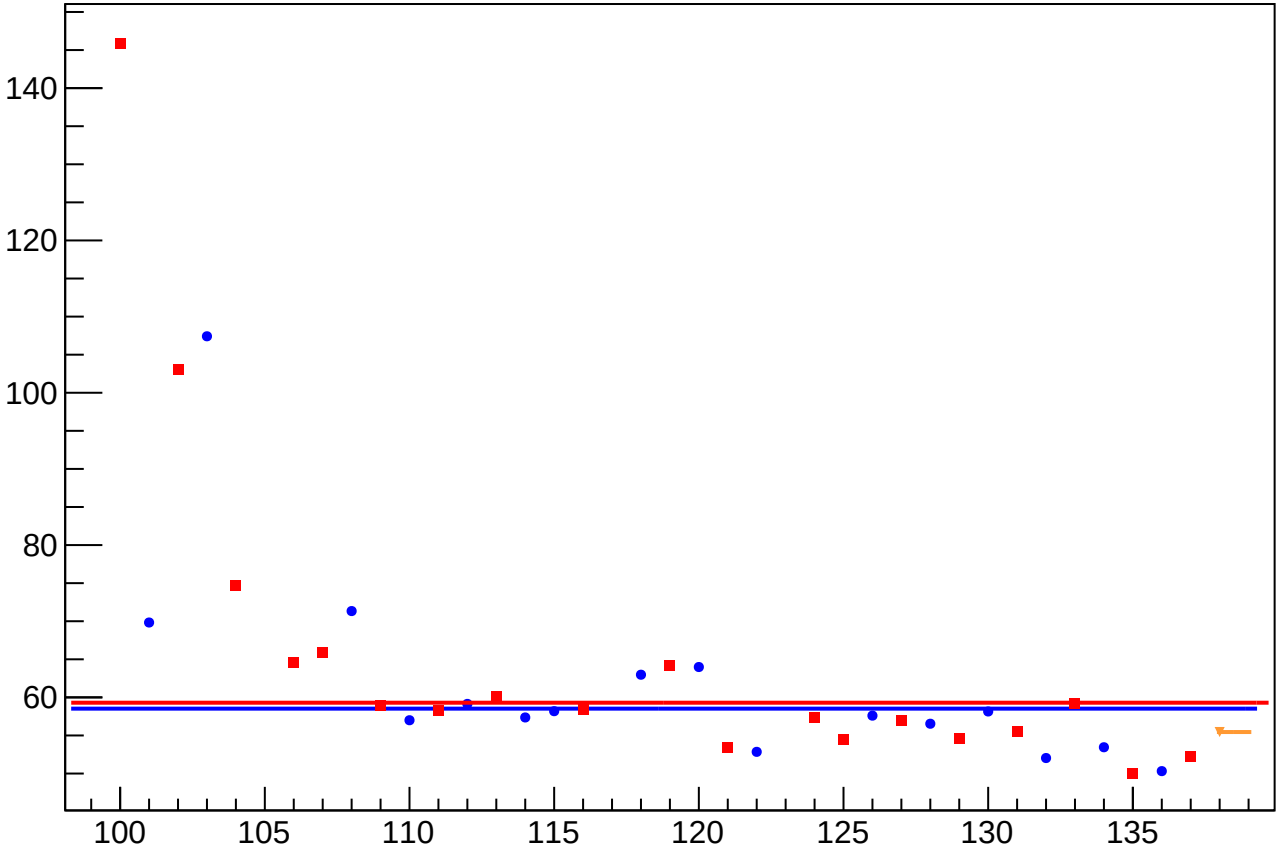
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.296+/-20.884 χ^2/NDF: 19.7/16

All: 2.466+/-15.191 χ^2/NDF: 44.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 58.522+/-0.016 χ^2/NDF: 392742.4/15

Left Out: 55.451+/-0.045 χ^2/NDF:0.0/0

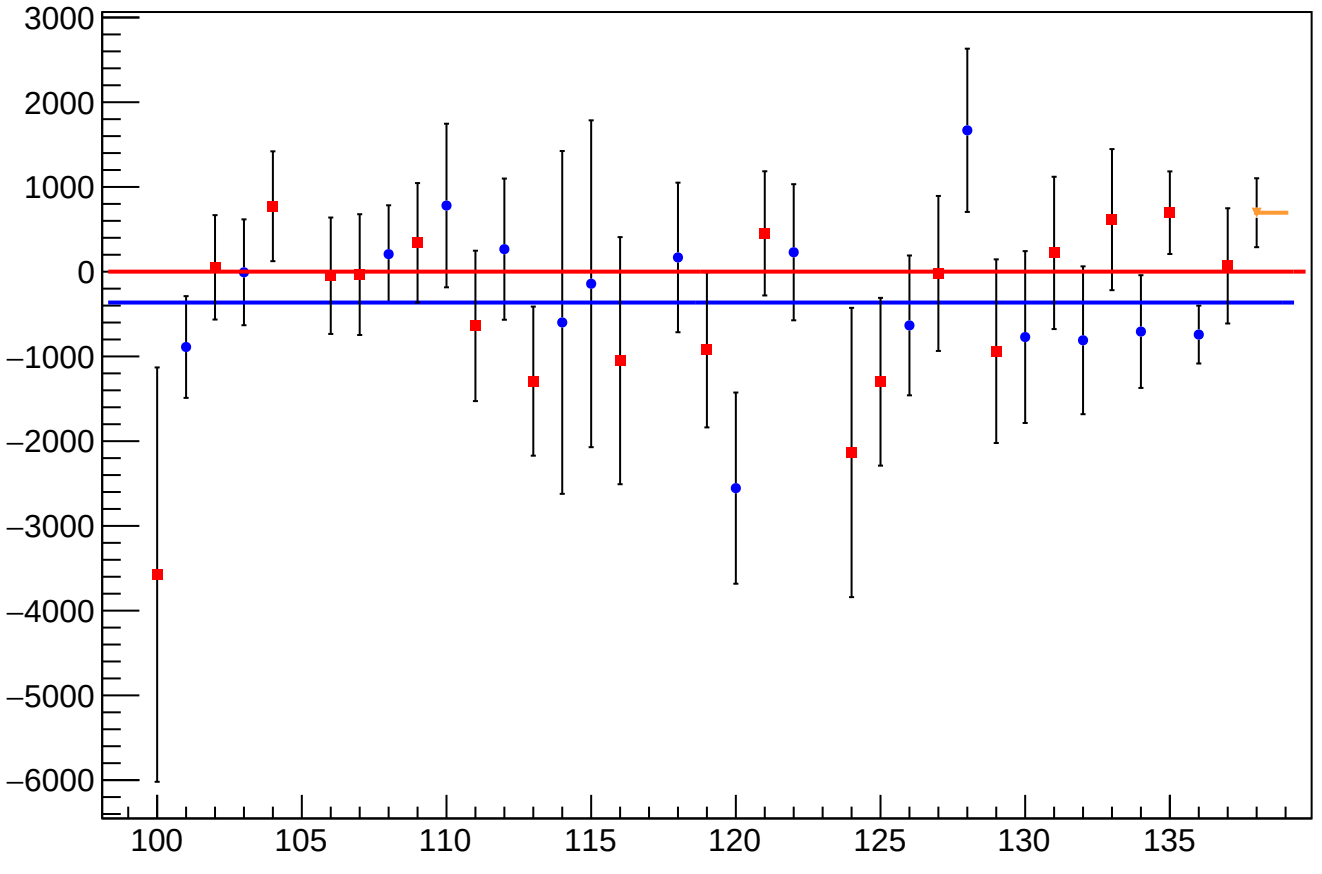
Right Out: 59.301+/-0.016 χ^2/NDF: 406611.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 58.185+/-0.015 χ^2/NDF: 396967.6/16

All: 58.710+/-0.011 χ^2/NDF: 806271.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -364.076+/-180.601 χ^2/NDF: 15.2/15

Left Out: 695.876+/-406.685 χ^2/NDF:0.0/0

Right Out: 0.570+/-183.085 χ^2/NDF: 15.1/18

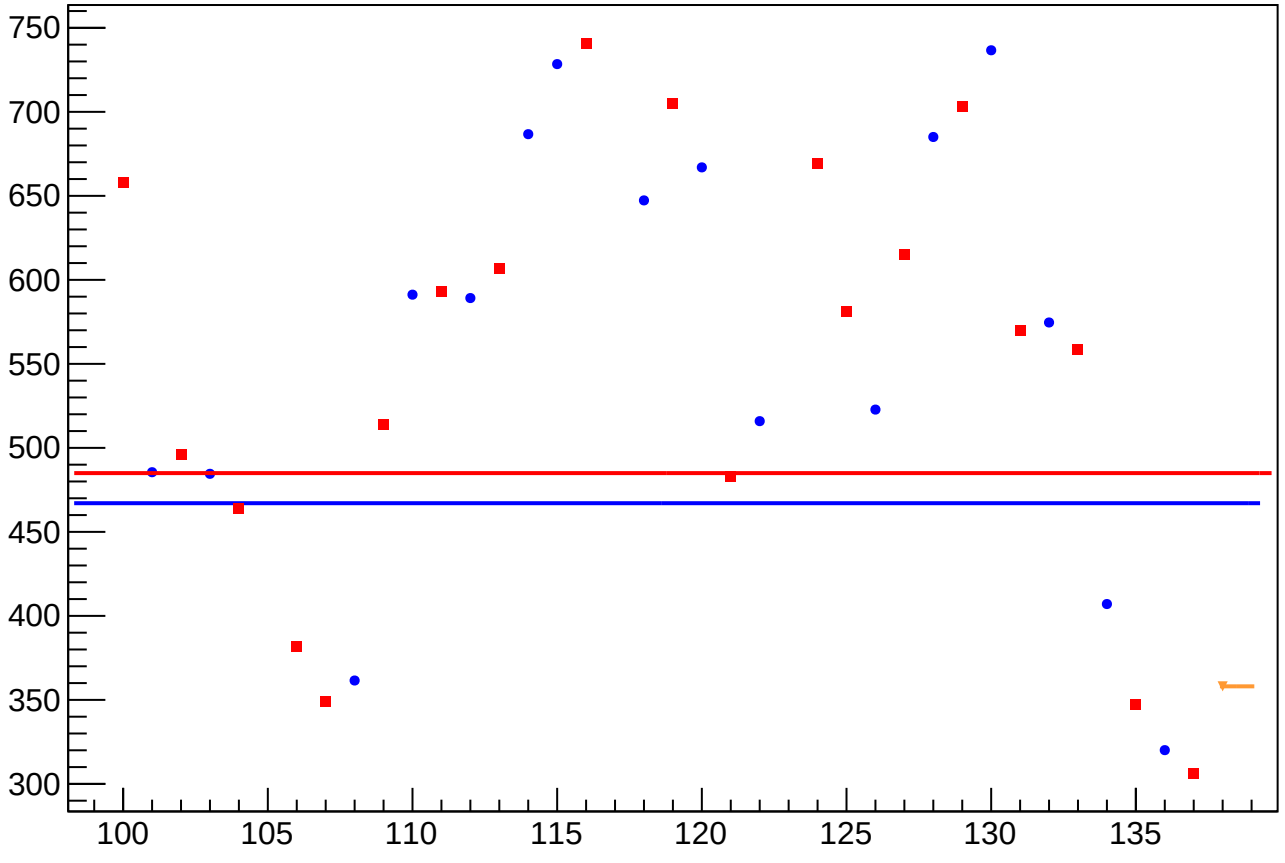
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -189.478+/-165.057 χ^2/NDF: 20.9/16

All: -104.269+/-122.593 χ^2/NDF: 36.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 467.068+/-0.128 χ^2/NDF: 1030279.0/15

Left Out: 358.061+/-0.288 χ^2/NDF:0.0/0

Right Out: 484.982+/-0.129 χ^2/NDF: 874102.2/18

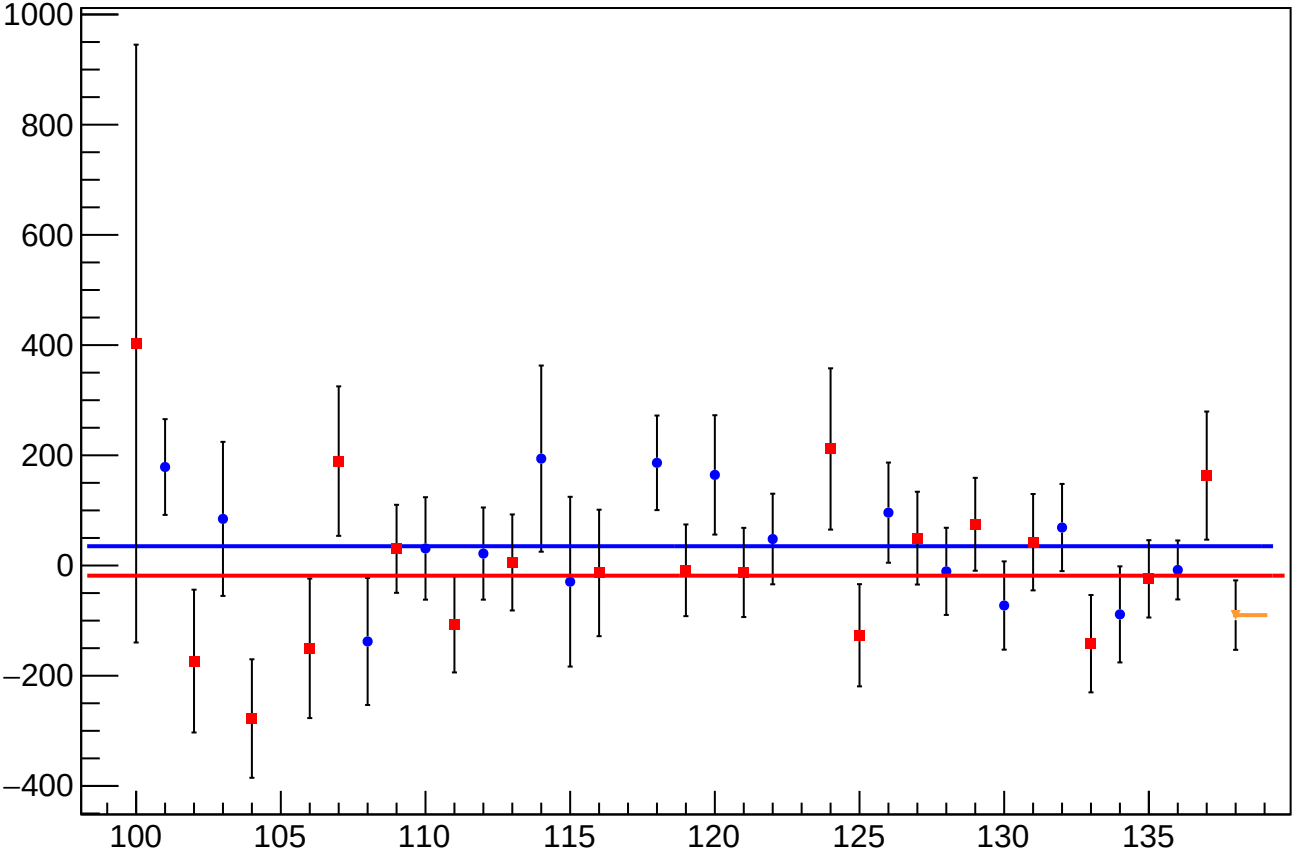
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 449.112+/-0.117 χ^2/NDF: 1150298.2/16

All: 465.194+/-0.087 χ^2/NDF: 2066748.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 35.017+/-22.134 χ^2/NDF: 16.2/15

Left Out: -89.993+/-63.034 χ^2/NDF:0.0/0

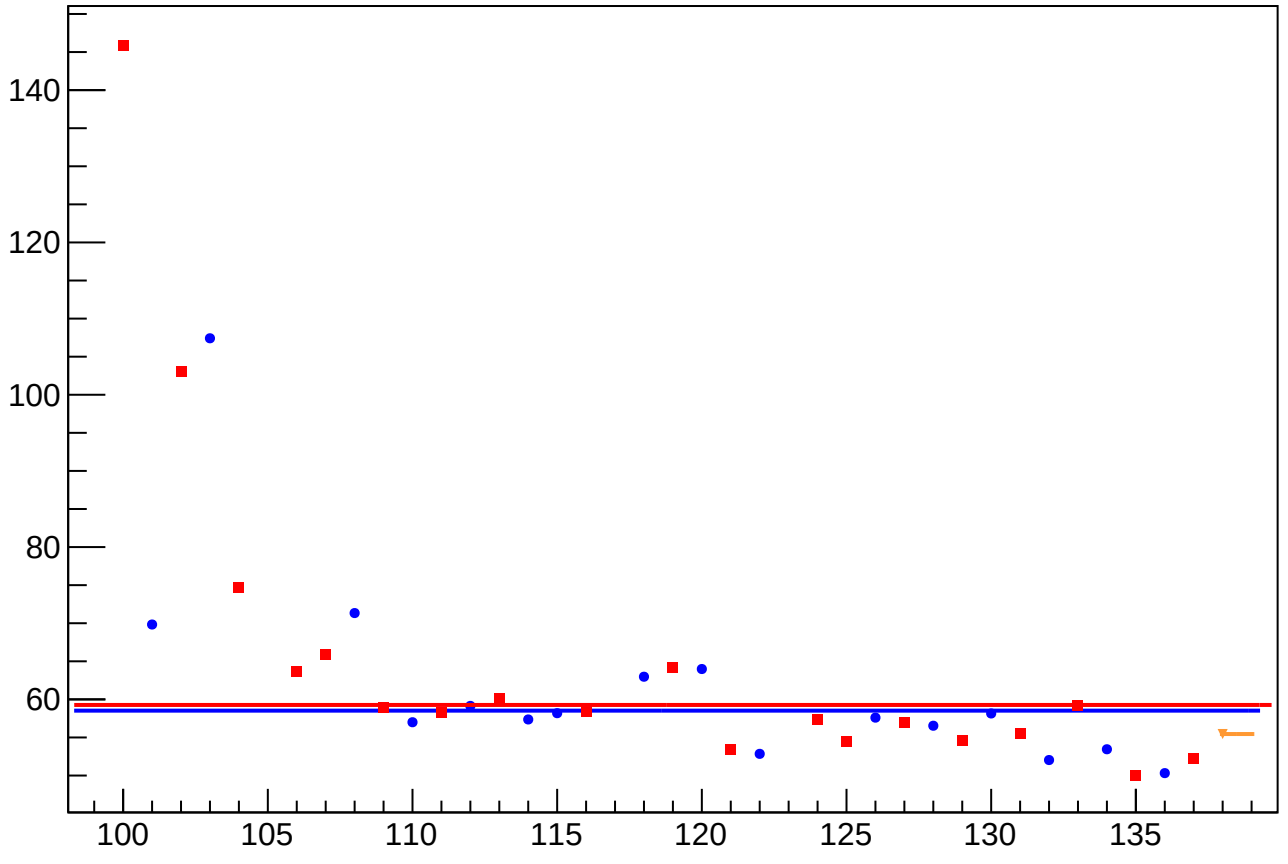
Right Out: -18.417+/-22.141 χ^2/NDF: 23.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.295+/-20.884 χ^2/NDF: 19.7/16

All: 2.598+/-15.192 χ^2/NDF: 44.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 58.522+/-0.016 χ^2/NDF: 392744.5/15

Left Out: 55.451+/-0.045 χ^2/NDF:0.0/0

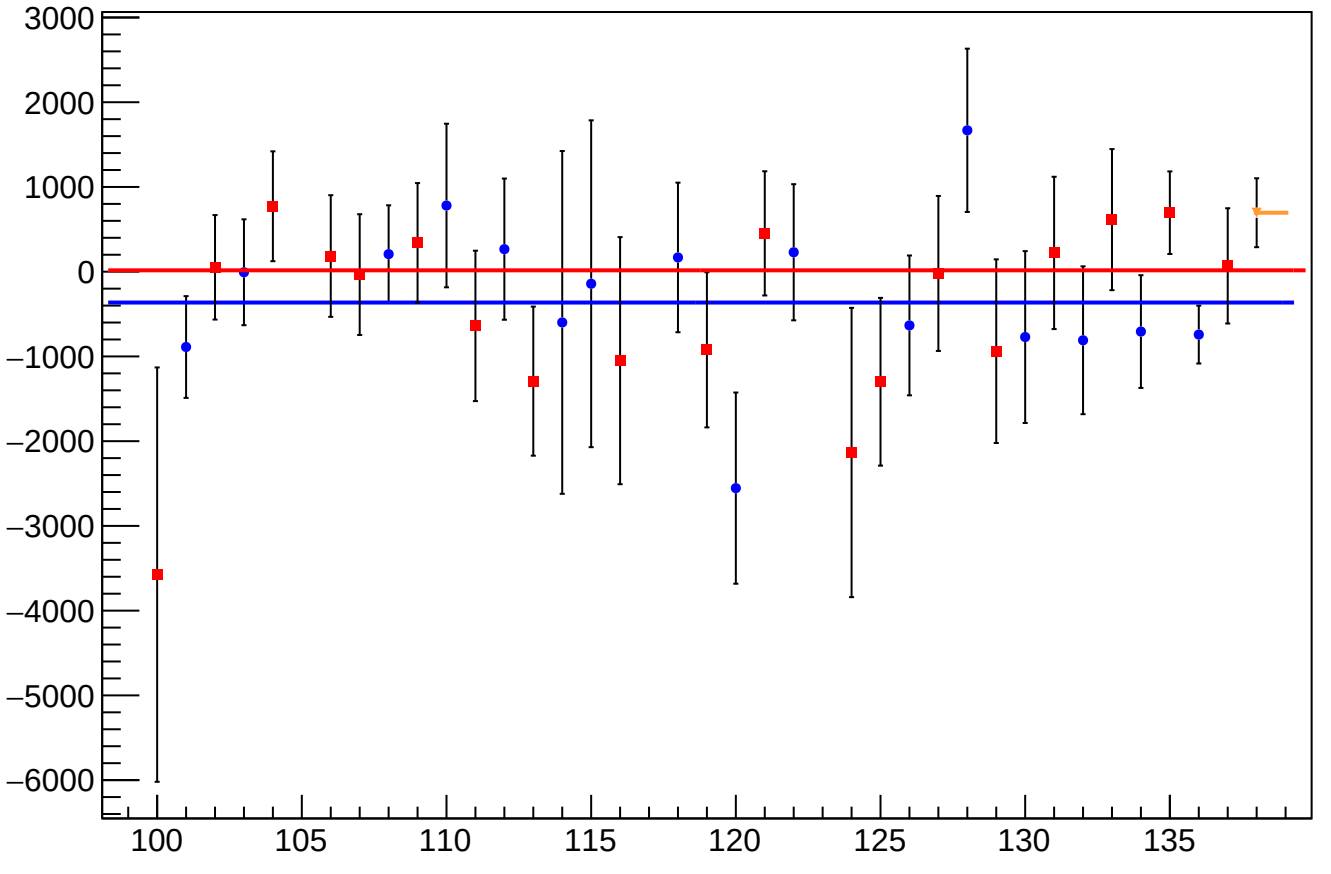
Right Out: 59.269+/-0.016 χ^2/NDF: 405616.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 58.185+/-0.015 χ^2/NDF: 396969.7/16

All: 58.695+/-0.011 χ^2/NDF: 805126.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -364.040+/-180.602 χ^2/NDF: 15.2/15

Left Out: 695.869+/-406.686 χ^2/NDF:0.0/0

Right Out: 16.087+/-183.650 χ^2/NDF: 15.1/18

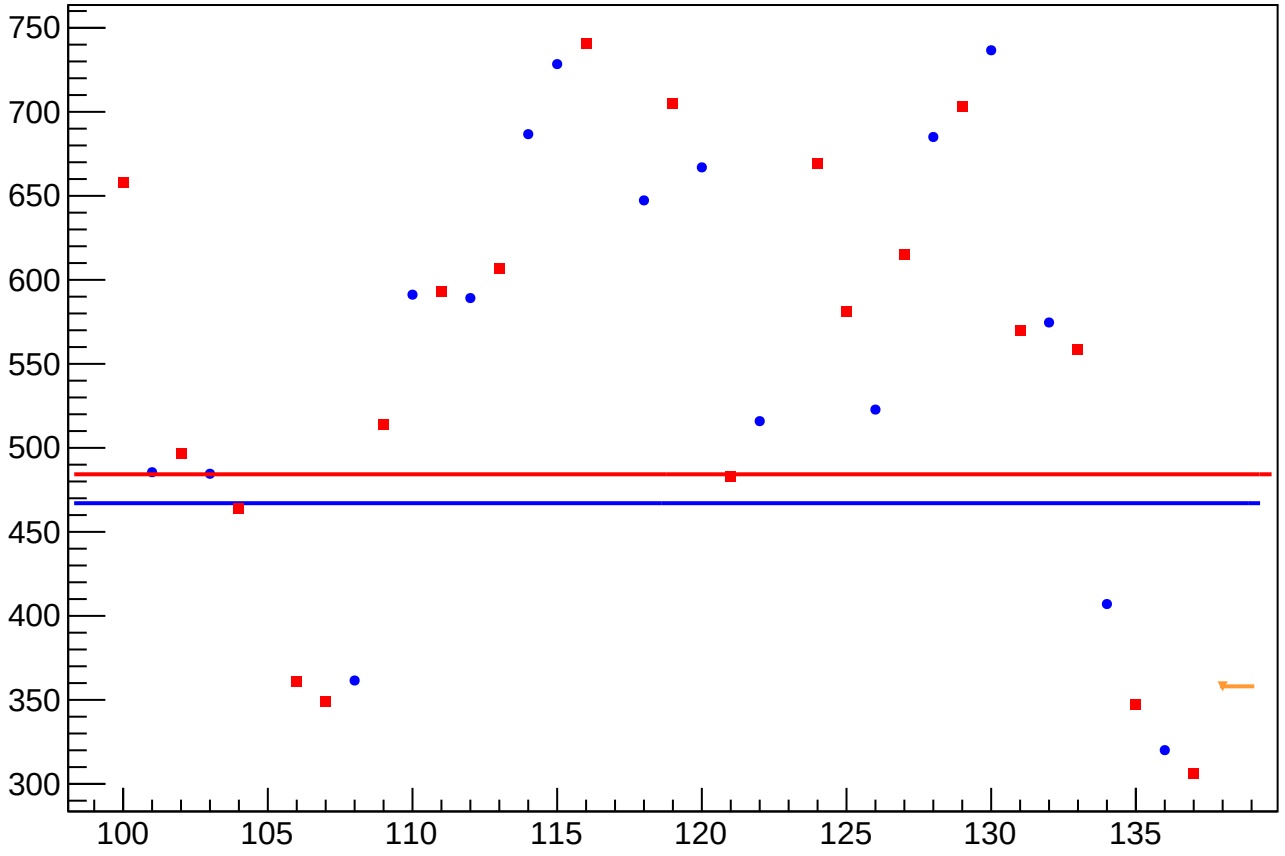
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -189.448+/-165.058 χ^2/NDF: 20.9/16

All: -97.608+/-122.762 χ^2/NDF: 36.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 467.071+/-0.128 χ^2/NDF: 1030281.3/15

Left Out: 358.062+/-0.288 χ^2/NDF:0.0/0

Right Out: 484.274+/-0.130 χ^2/NDF: 888797.2/18

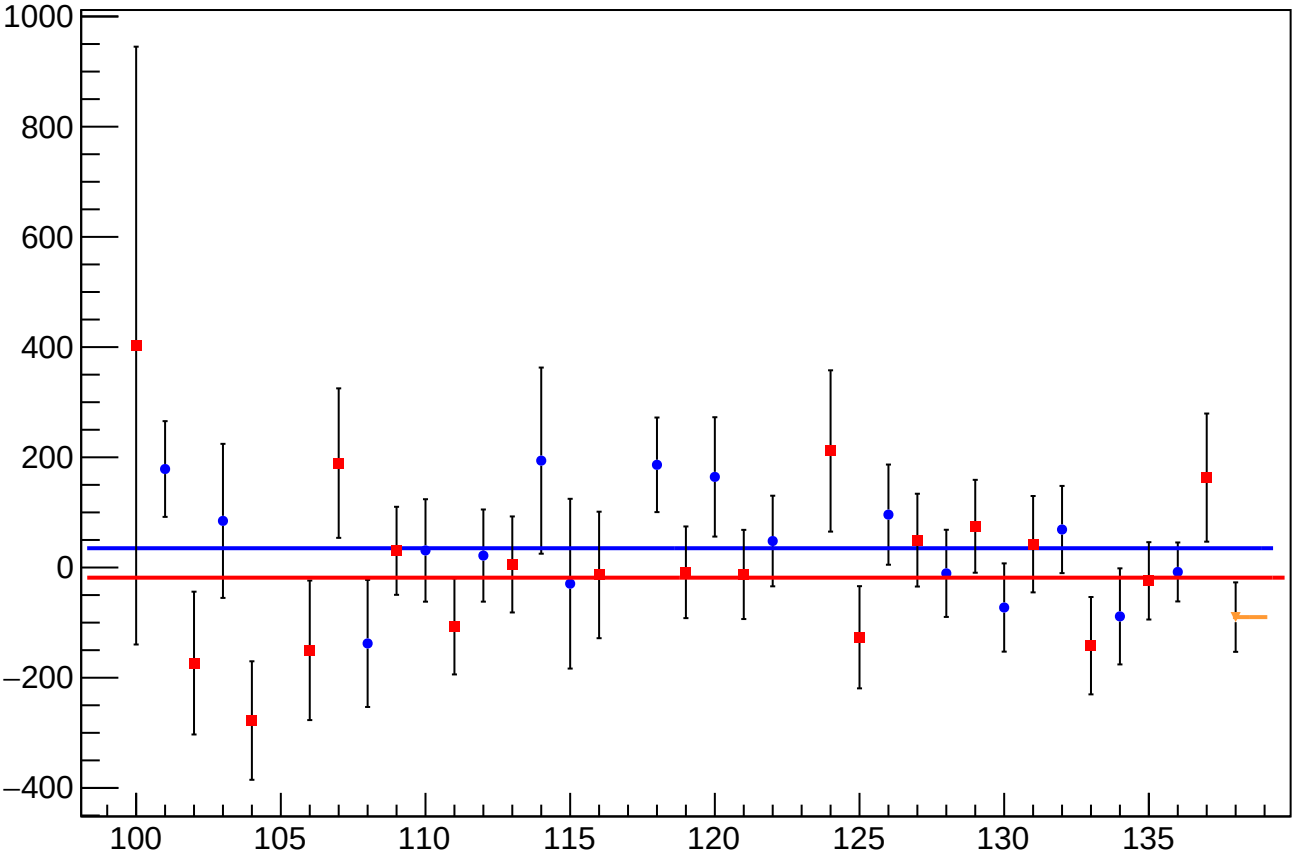
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 449.114+/-0.117 χ^2/NDF: 1150305.0/16

All: 464.825+/-0.087 χ^2/NDF: 2079651.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 35.017+/-22.134 χ^2/NDF: 16.2/15

Left Out: -89.993+/-63.034 χ^2/NDF:0.0/0

Right Out: -18.417+/-22.141 χ^2/NDF: 23.4/18

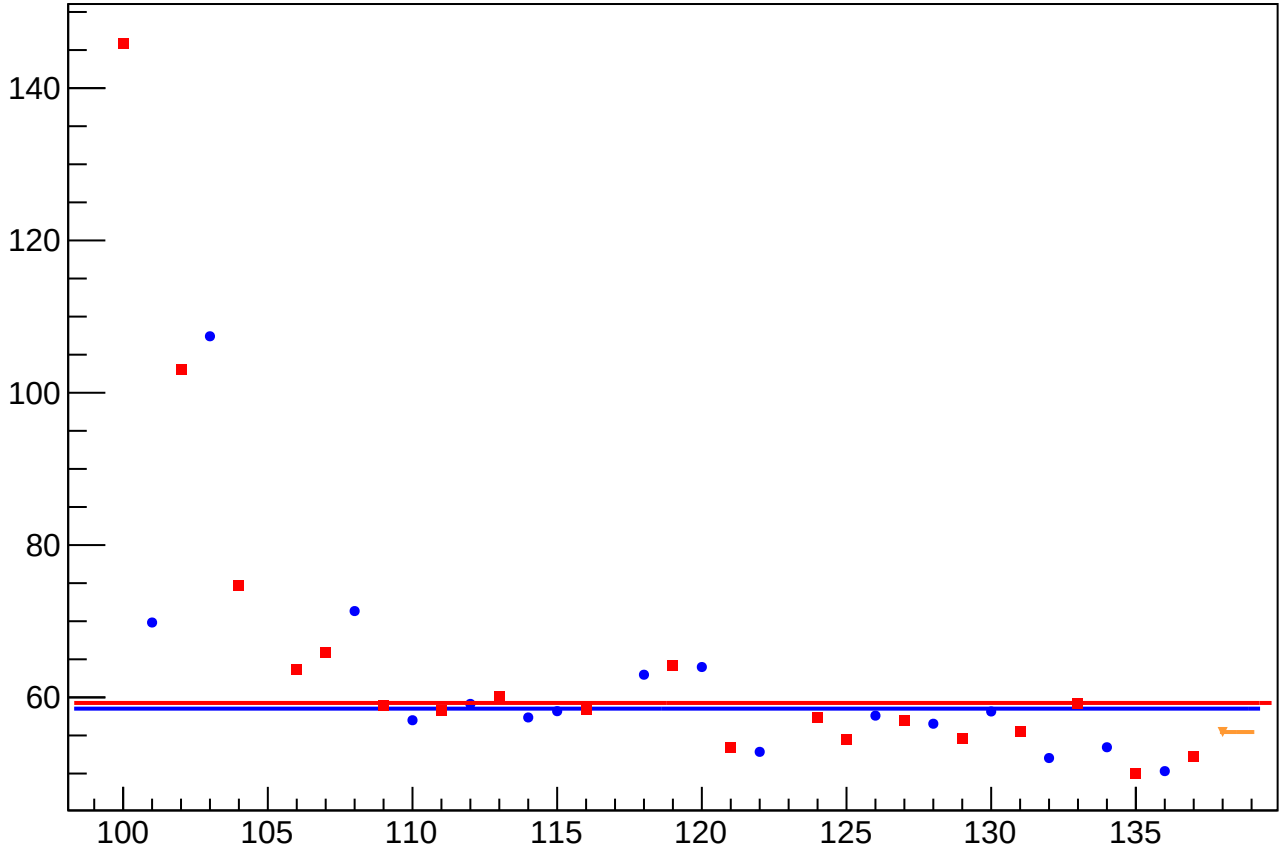
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.295+/-20.884 χ^2/NDF: 19.7/16

All: 2.598+/-15.192 χ^2/NDF: 44.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 58.522+/-0.016 χ^2/NDF: 392744.5/15

Left Out: 55.451+/-0.045 χ^2/NDF:0.0/0

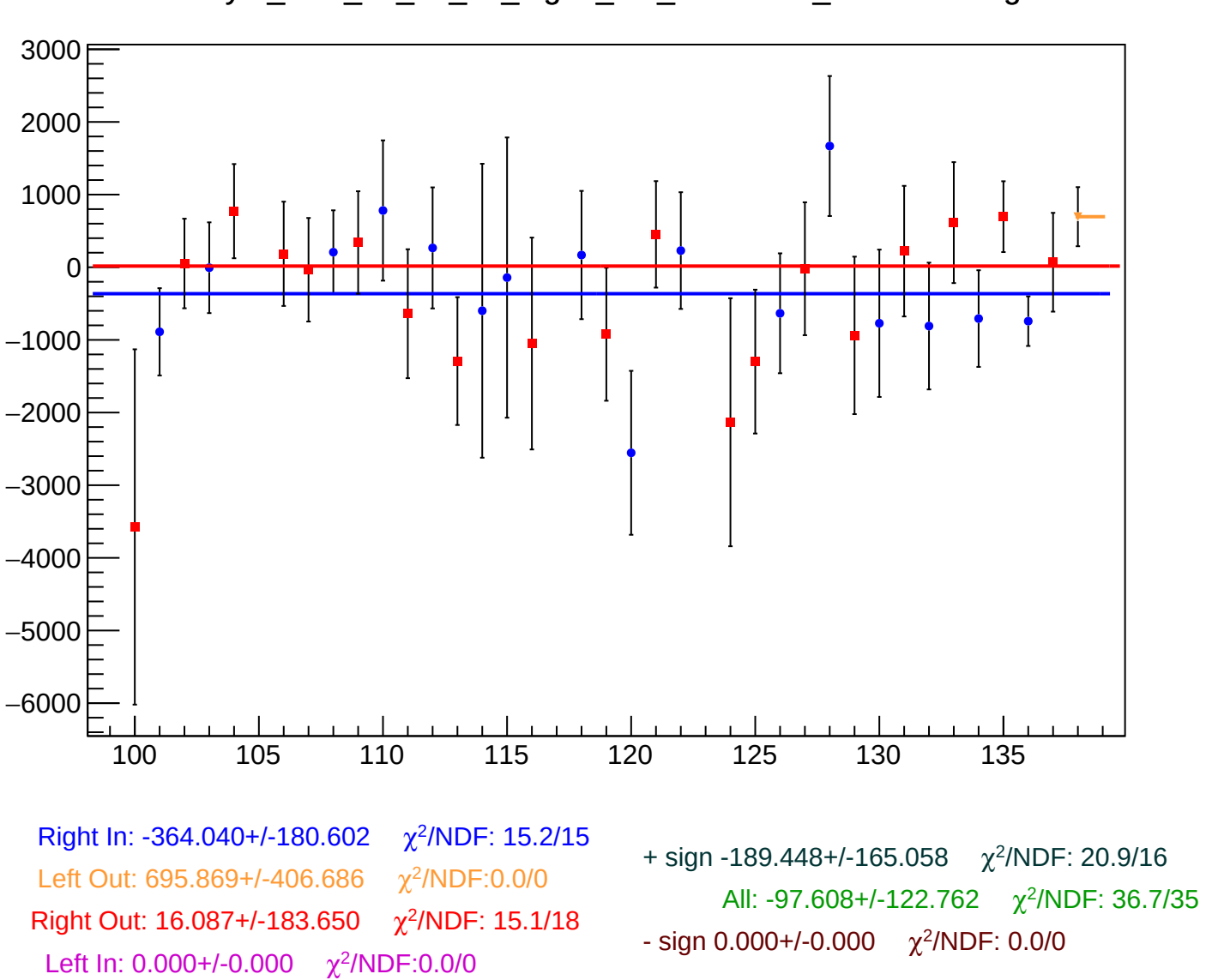
Right Out: 59.269+/-0.016 χ^2/NDF: 405616.3/18

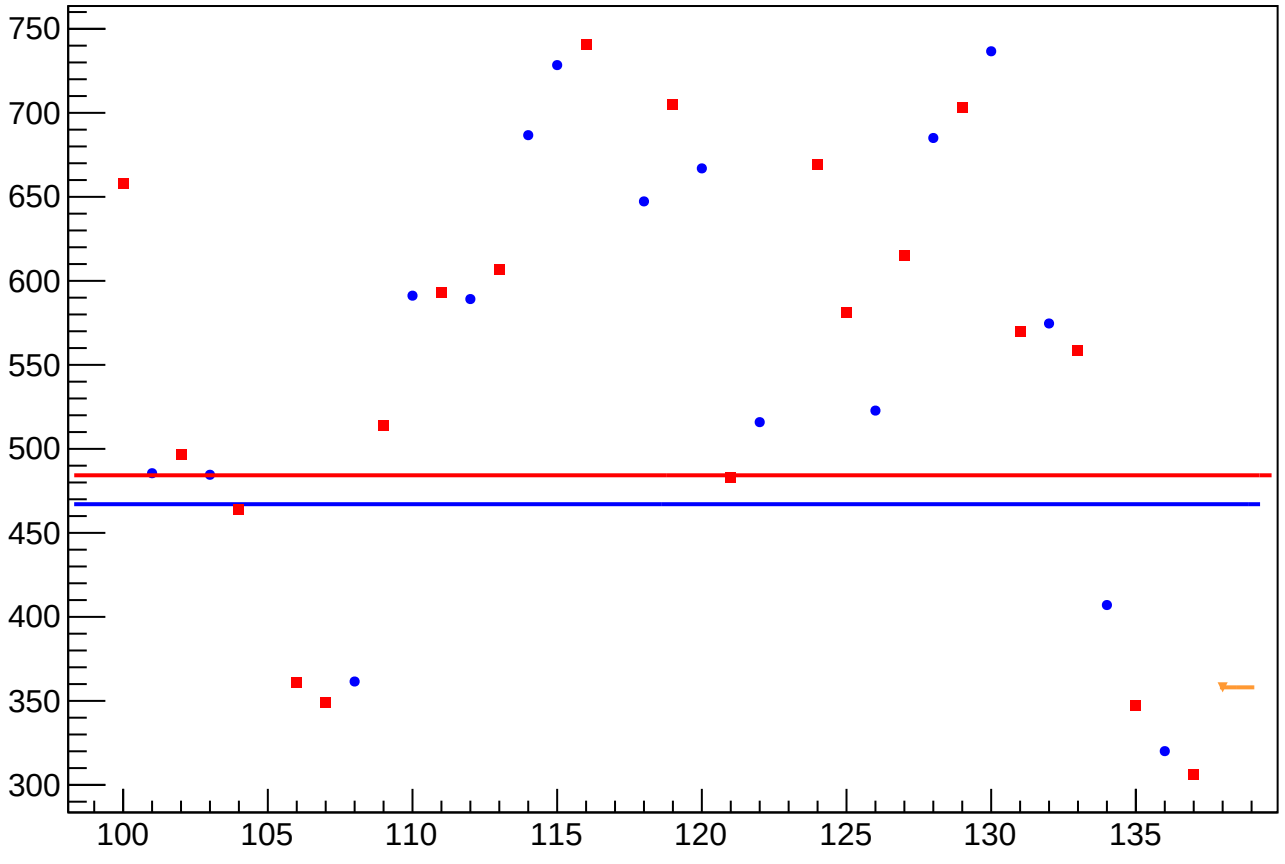
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 58.185+/-0.015 χ^2/NDF: 396969.7/16

All: 58.695+/-0.011 χ^2/NDF: 805126.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
−6000
100
105
110
115
120
125
130
135
Right In: -364.040+/-180.602 χ²/NDF: 15.2/15
Left Out: 695.869+/-406.686 χ²/NDF:0.0/0
Right Out: 16.087+/-183.650 χ²/NDF: 15.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -189.448+/-165.058 χ²/NDF: 20.9/16
All: -97.608+/-122.762 χ²/NDF: 36.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 467.071+/-0.128 χ^2/NDF: 1030281.3/15

Left Out: 358.062+/-0.288 χ^2/NDF:0.0/0

Right Out: 484.274+/-0.130 χ^2/NDF: 888797.2/18

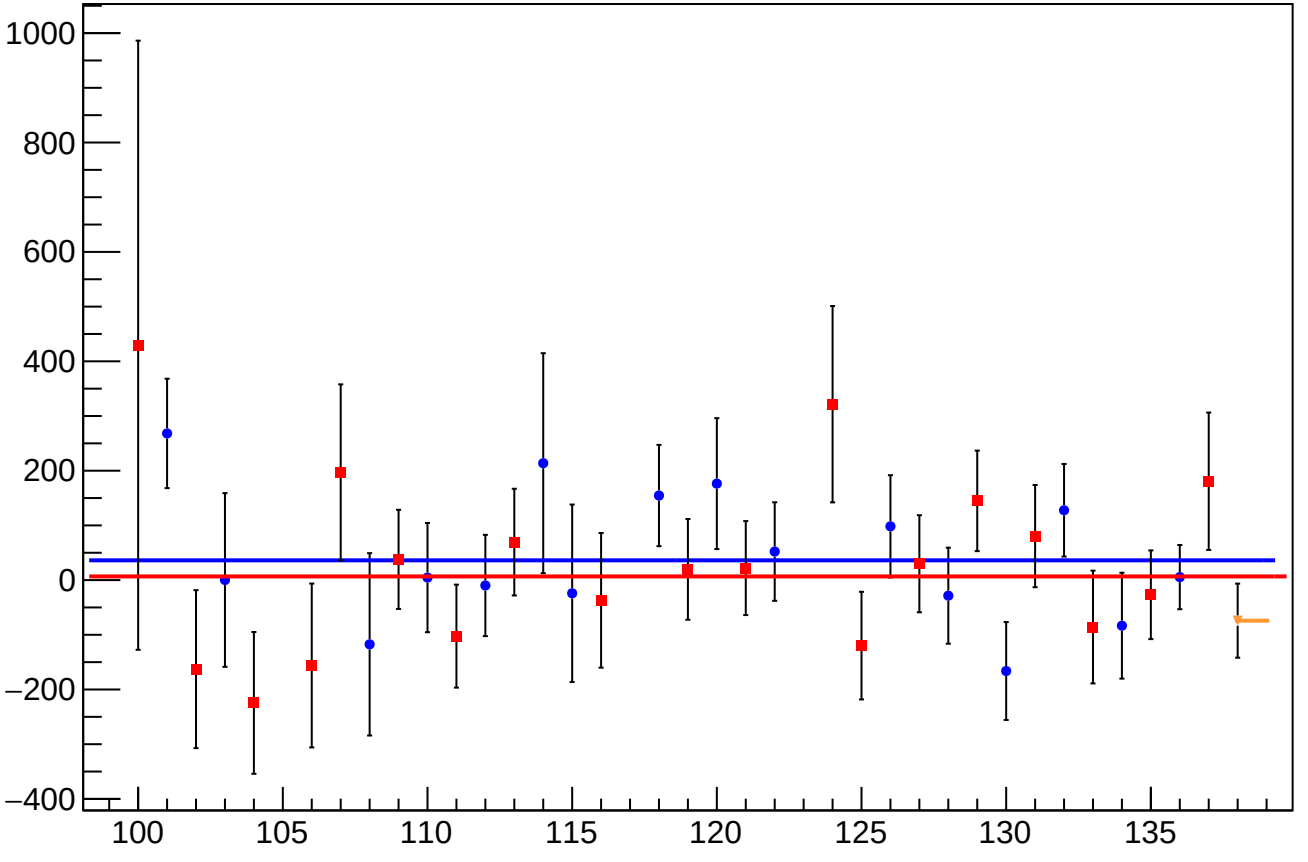
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 449.114+/-0.117 χ^2/NDF: 1150305.0/16

All: 464.825+/-0.087 χ^2/NDF: 2079651.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 36.157+/-24.471 χ^2/NDF: 19.6/15

Left Out: -74.163+/-67.704 χ^2/NDF:0.0/0

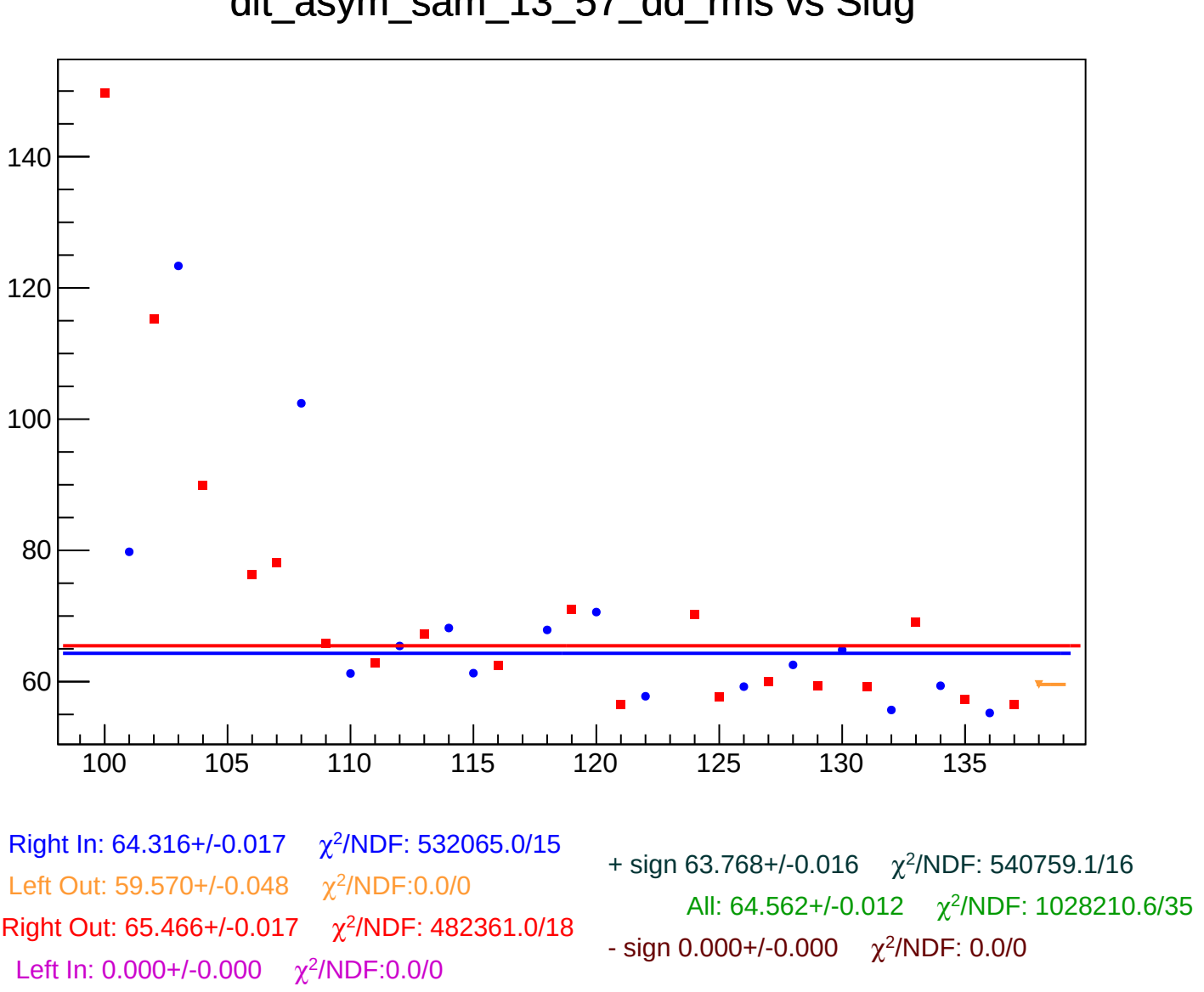
Right Out: 6.734+/-24.565 χ^2/NDF: 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

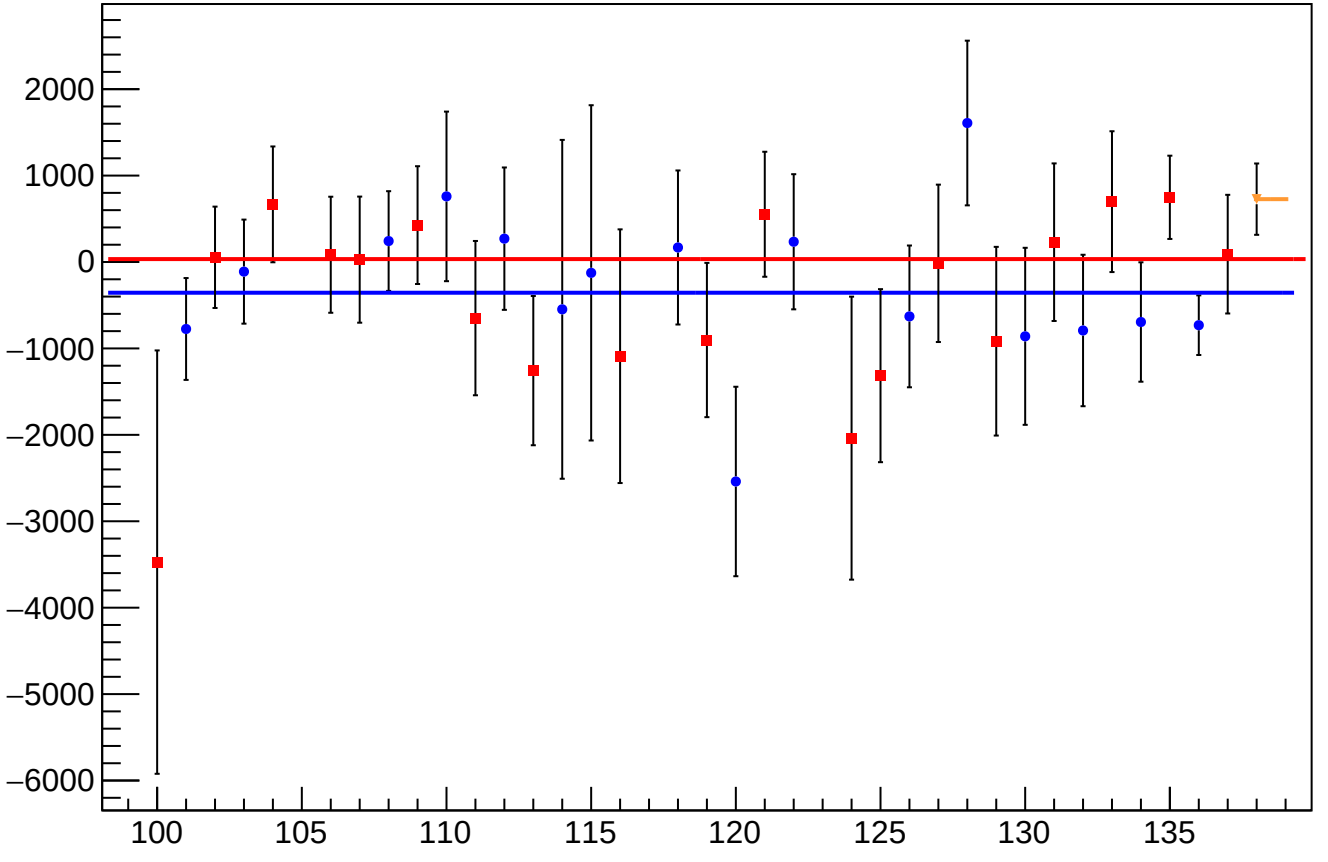
+ sign 23.410+/-23.014 χ^2/NDF: 22.0/16

All: 15.615+/-16.795 χ^2/NDF: 42.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


dit_asym_sam_13_57_dd_rms vs Slug
140
120
100
80
60
100
105
110
115
120
125
130
135
Right In: 64.316+/-0.017 χ²/NDF: 532065.0/15
Left Out: 59.570+/-0.048 χ²/NDF:0.0/0
Right Out: 65.466+/-0.017 χ²/NDF: 482361.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 63.768+/-0.016 χ²/NDF: 540759.1/16
All: 64.562+/-0.012 χ²/NDF: 1028210.6/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -355.529+/-180.335 χ^2/NDF: 14.8/15

Left Out: 727.273+/-412.705 χ^2/NDF:0.0/0

Right Out: 33.786+/-181.561 χ^2/NDF: 15.4/18

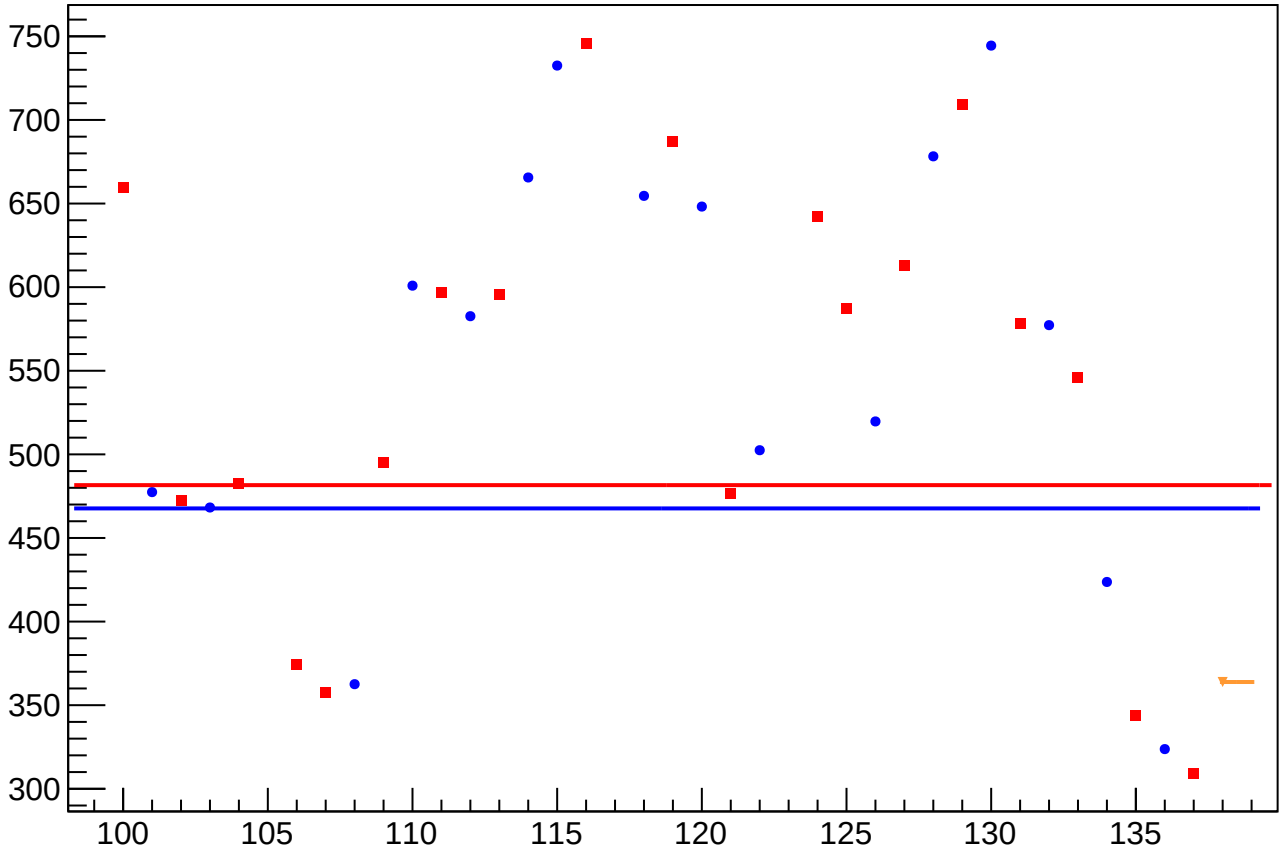
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -181.933+/-165.248 χ^2/NDF: 20.6/16

All: -84.198+/-122.209 χ^2/NDF: 36.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 467.674+/-0.128 χ^2/NDF: 985943.7/15

Left Out: 363.865+/-0.292 χ^2/NDF:0.0/0

Right Out: 481.599+/-0.128 χ^2/NDF: 854281.1/18

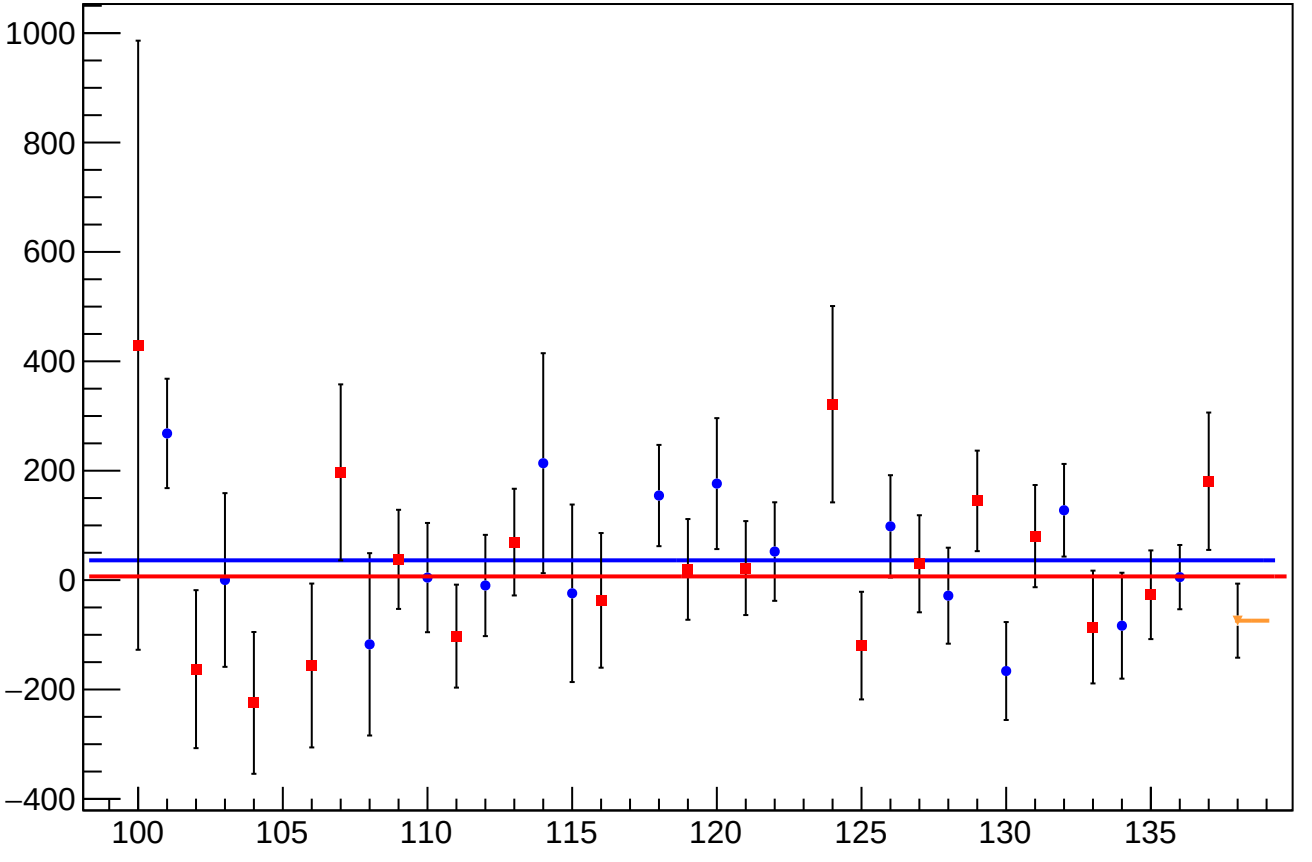
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 451.031+/-0.117 χ^2/NDF: 1092196.5/16

All: 464.881+/-0.086 χ^2/NDF: 1977484.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 36.157+/-24.471 χ^2/NDF: 19.6/15

Left Out: -74.161+/-67.704 χ^2/NDF:0.0/0

Right Out: 6.735+/-24.565 χ^2/NDF: 20.3/18

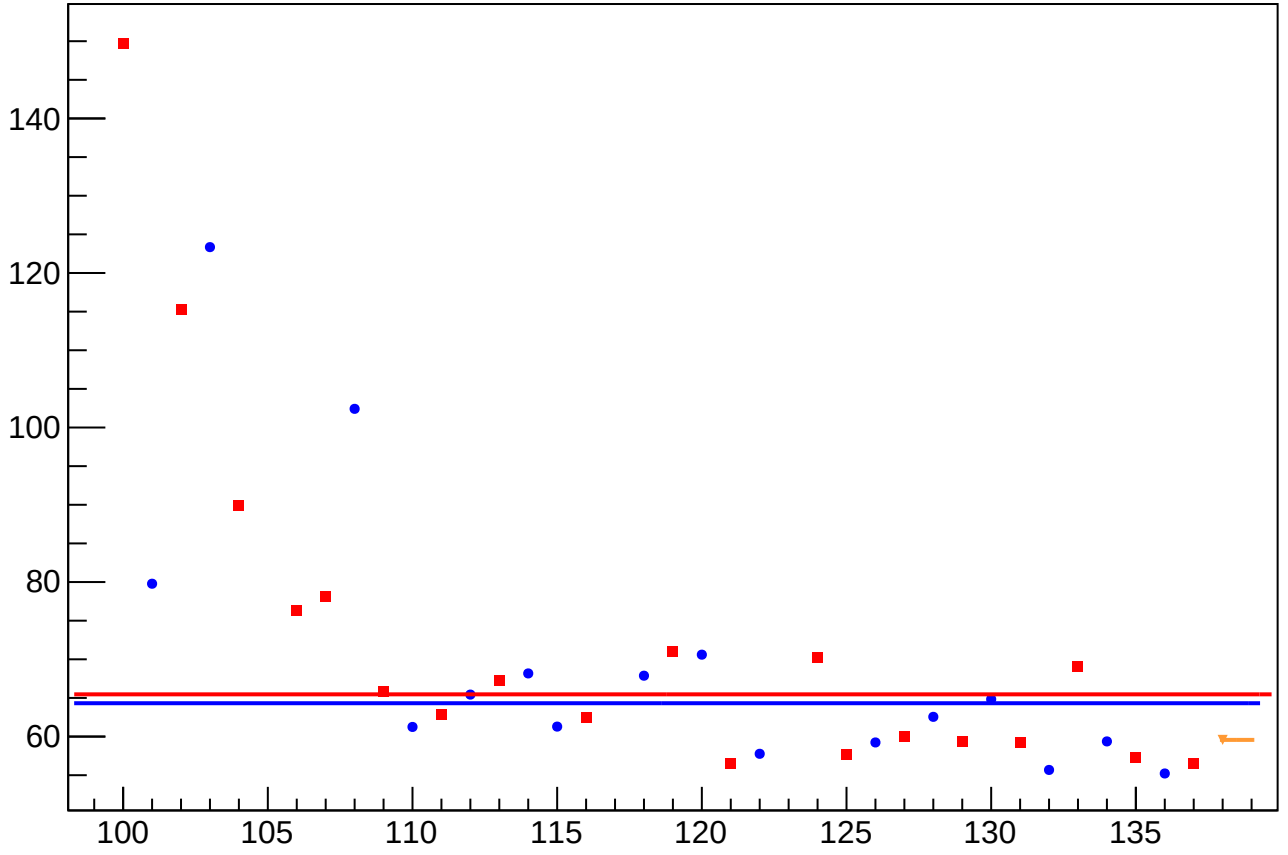
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.410+/-23.014 χ^2/NDF: 22.0/16

All: 15.615+/-16.795 χ^2/NDF: 42.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 64.316+/-0.017 χ^2/NDF: 532073.4/15

Left Out: 59.570+/-0.048 χ^2/NDF:0.0/0

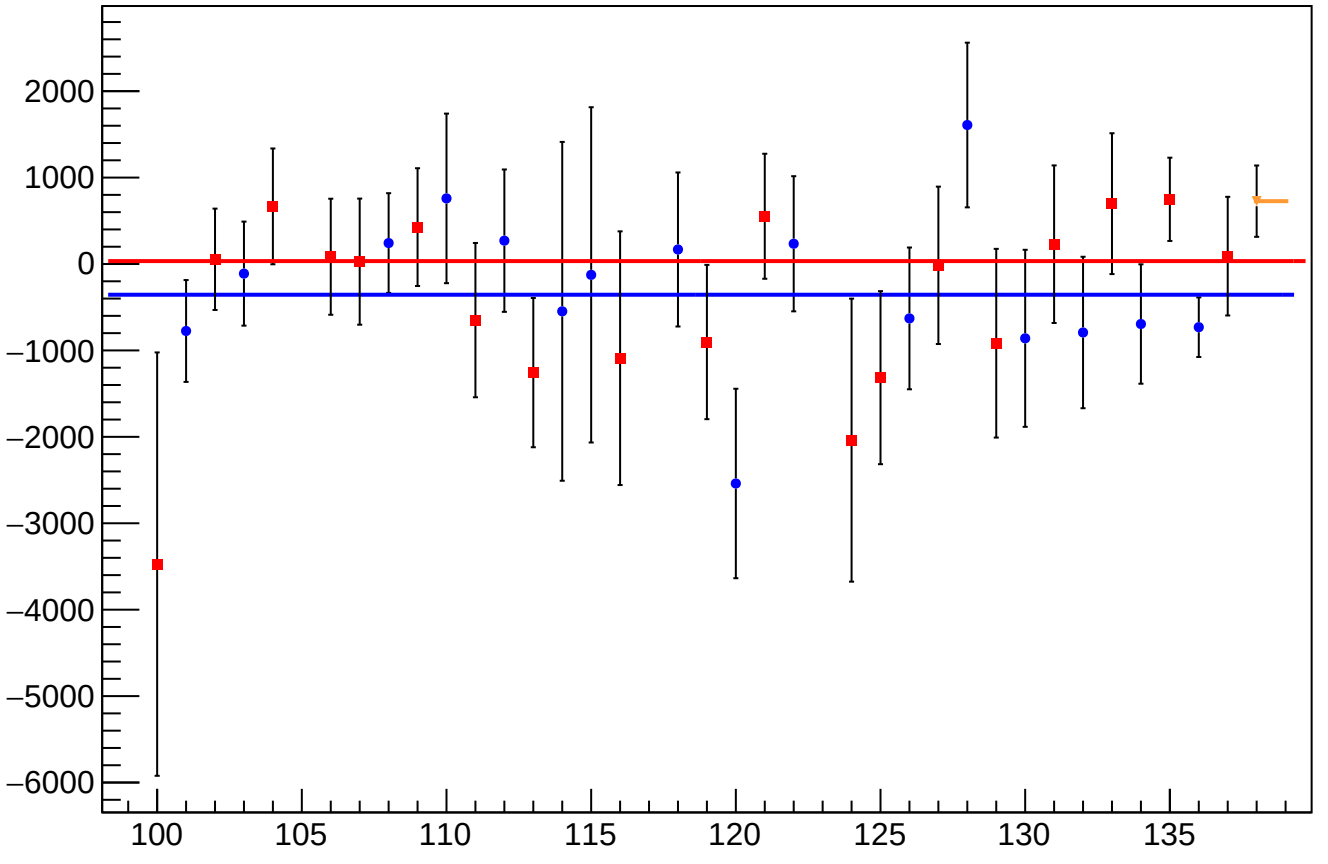
Right Out: 65.466+/-0.017 χ^2/NDF: 482367.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 63.768+/-0.016 χ^2/NDF: 540766.6/16

All: 64.562+/-0.012 χ^2/NDF: 1028224.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -355.529+/-180.334 χ^2/NDF: 14.8/15

Left Out: 727.274+/-412.706 χ^2/NDF:0.0/0

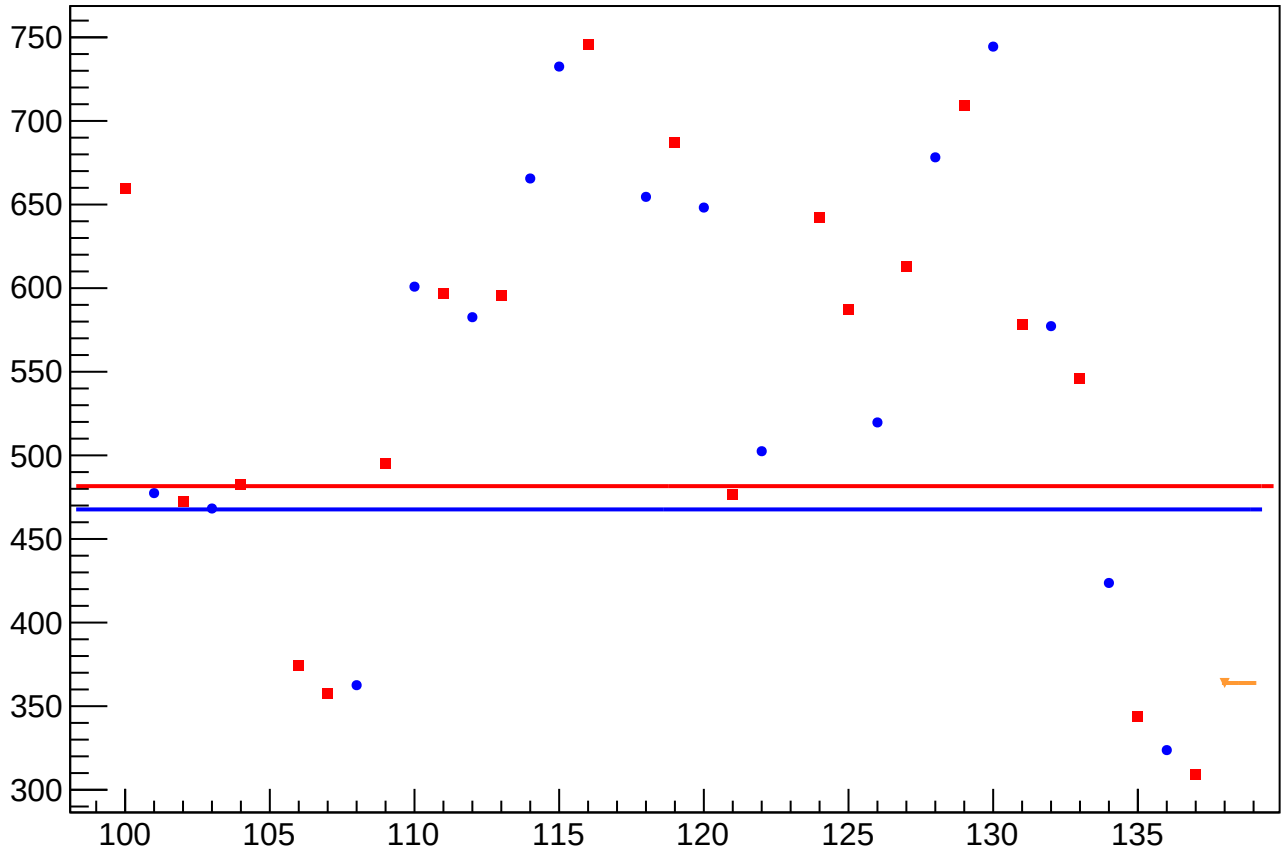
Right Out: 33.787+/-181.560 χ^2/NDF: 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -181.934+/-165.248 χ^2/NDF: 20.6/16

All: -84.198+/-122.209 χ^2/NDF: 36.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 467.674+/-0.128 χ^2/NDF: 985945.4/15

Left Out: 363.866+/-0.292 χ^2/NDF:0.0/0

Right Out: 481.599+/-0.128 χ^2/NDF: 854281.0/18

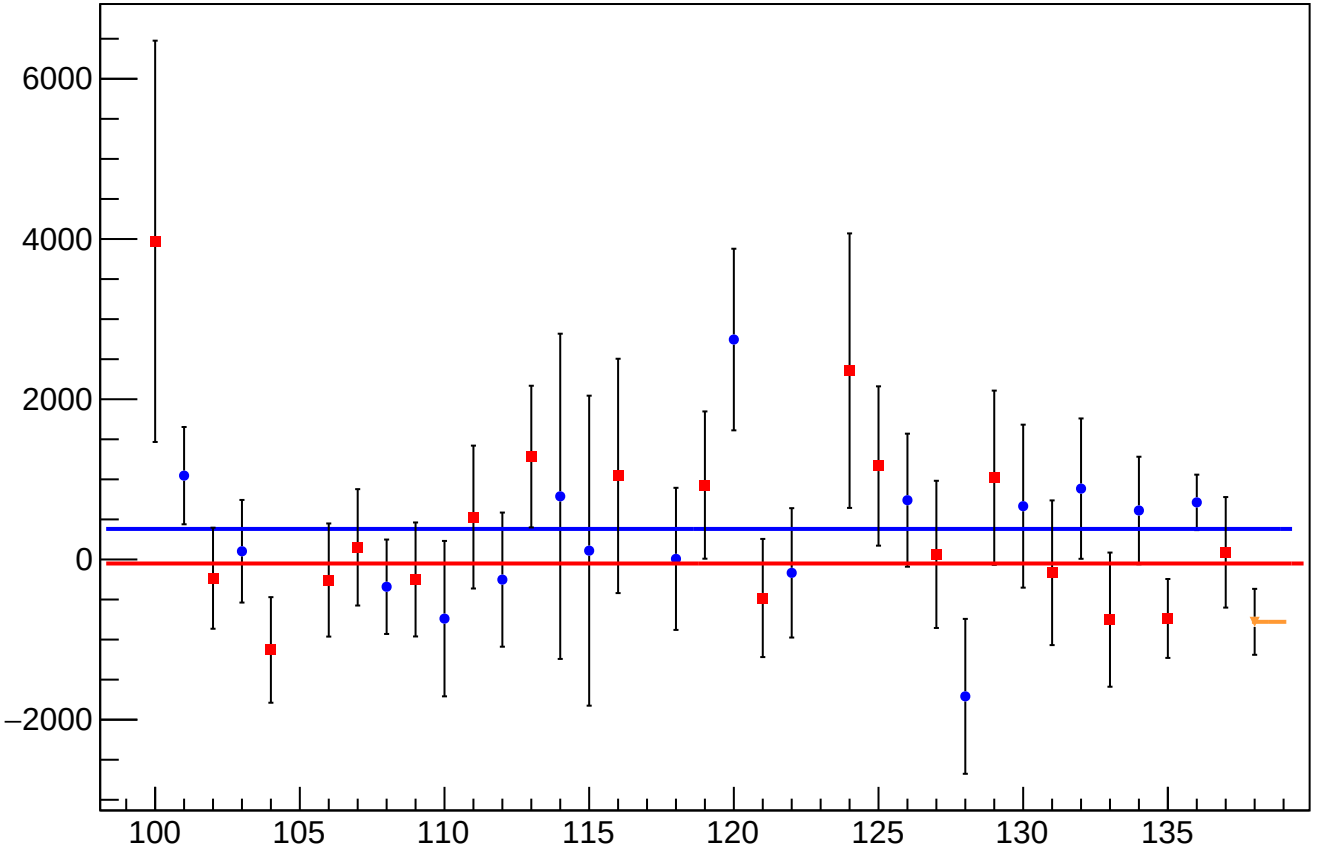
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 451.031+/-0.117 χ^2/NDF: 1092193.7/16

All: 464.880+/-0.086 χ^2/NDF: 1977479.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 381.086+/-182.655 χ^2/NDF: 16.1/15

Left Out: -778.551+/-411.616 χ^2/NDF:0.0/0

Right Out: -50.392+/-185.262 χ^2/NDF: 17.5/18

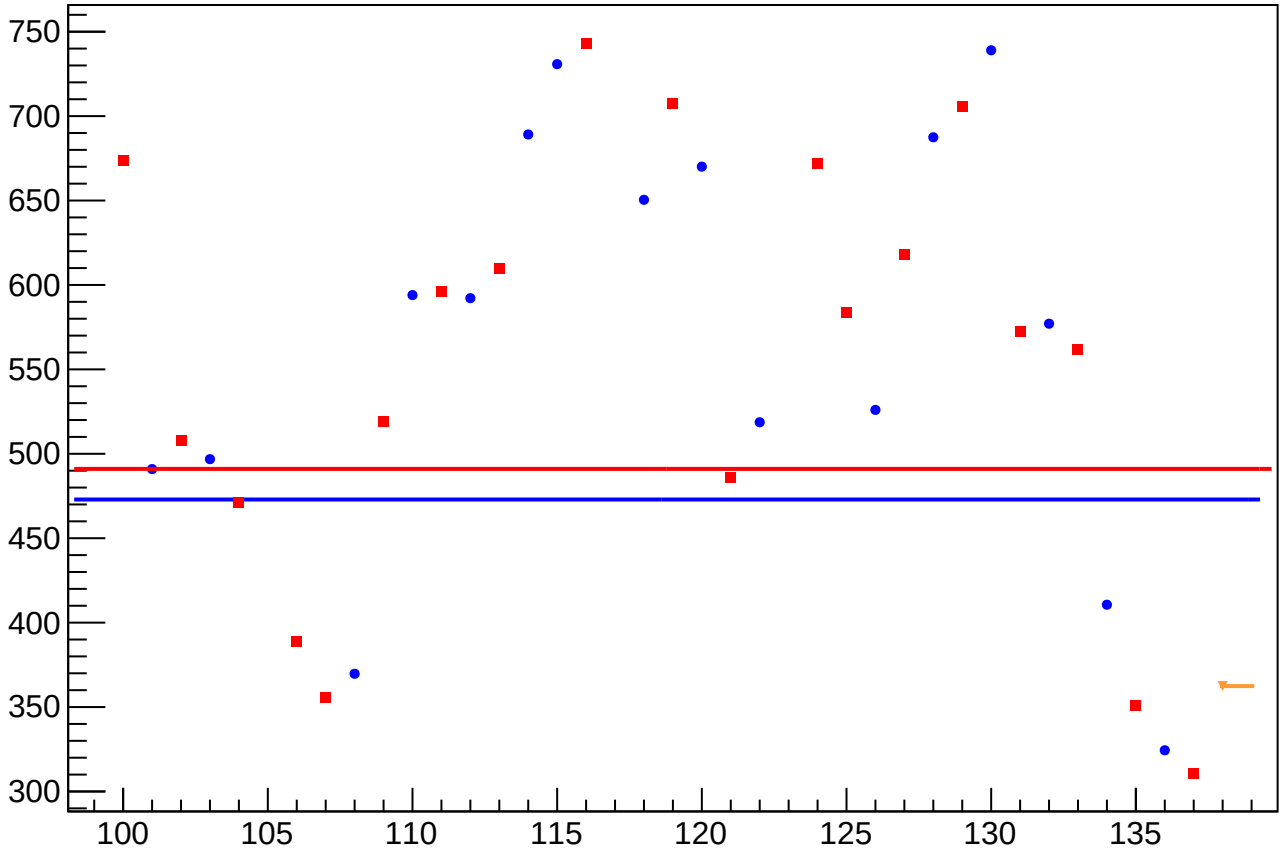
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 190.303+/-166.955 χ^2/NDF: 22.8/16

All: 82.432+/-124.024 χ^2/NDF: 41.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 472.924+/-0.129 χ^2/NDF: 1000274.3/15

Left Out: 362.412+/-0.291 χ^2/NDF:0.0/0

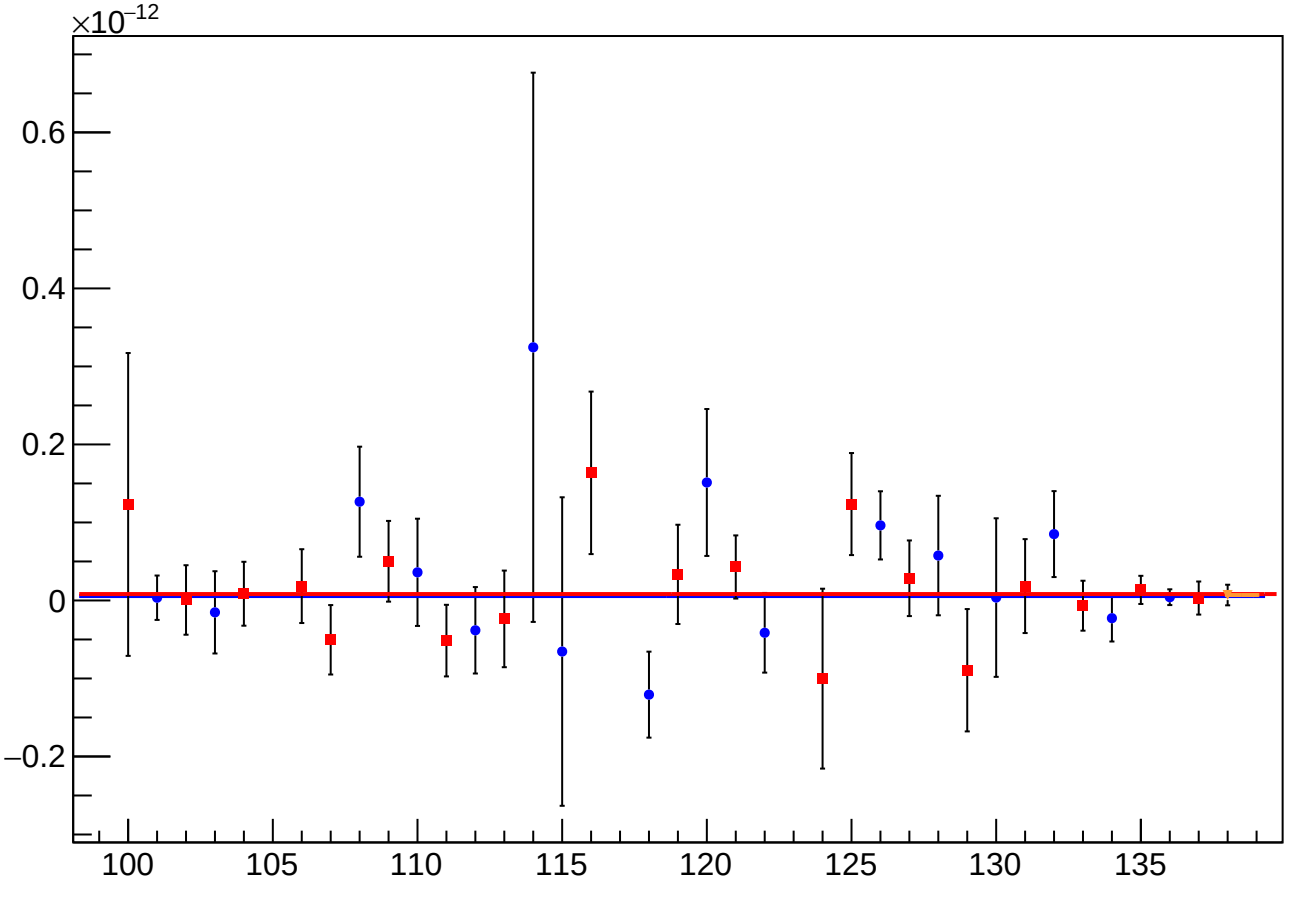
Right Out: 491.063+/-0.131 χ^2/NDF: 847493.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 454.743+/-0.118 χ^2/NDF: 1120724.4/16

All: 471.020+/-0.088 χ^2/NDF: 2010636.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

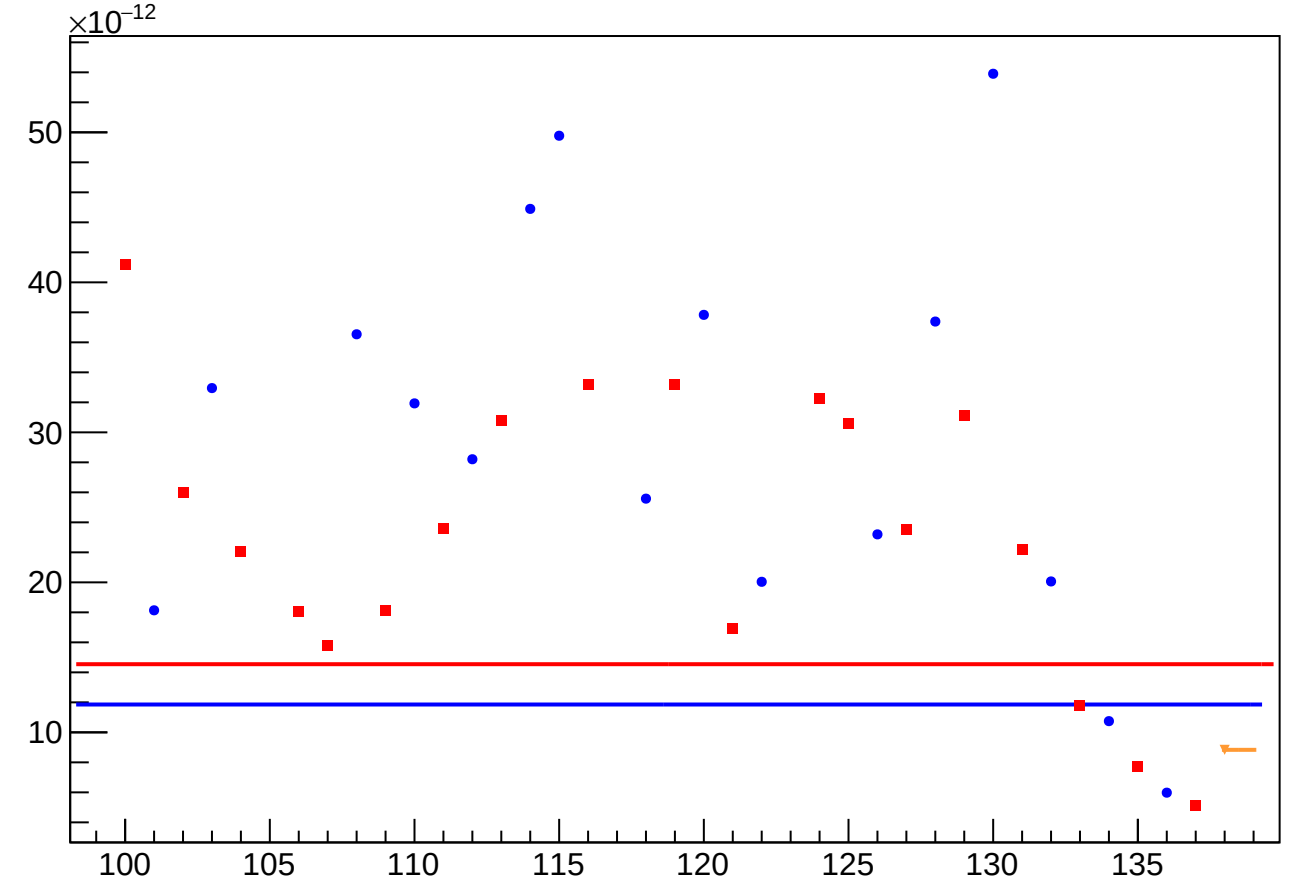
Right Out: 0.000+/-0.000 χ^2/NDF: 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 21.1/16

All: 0.000+/-0.000 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2848478.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

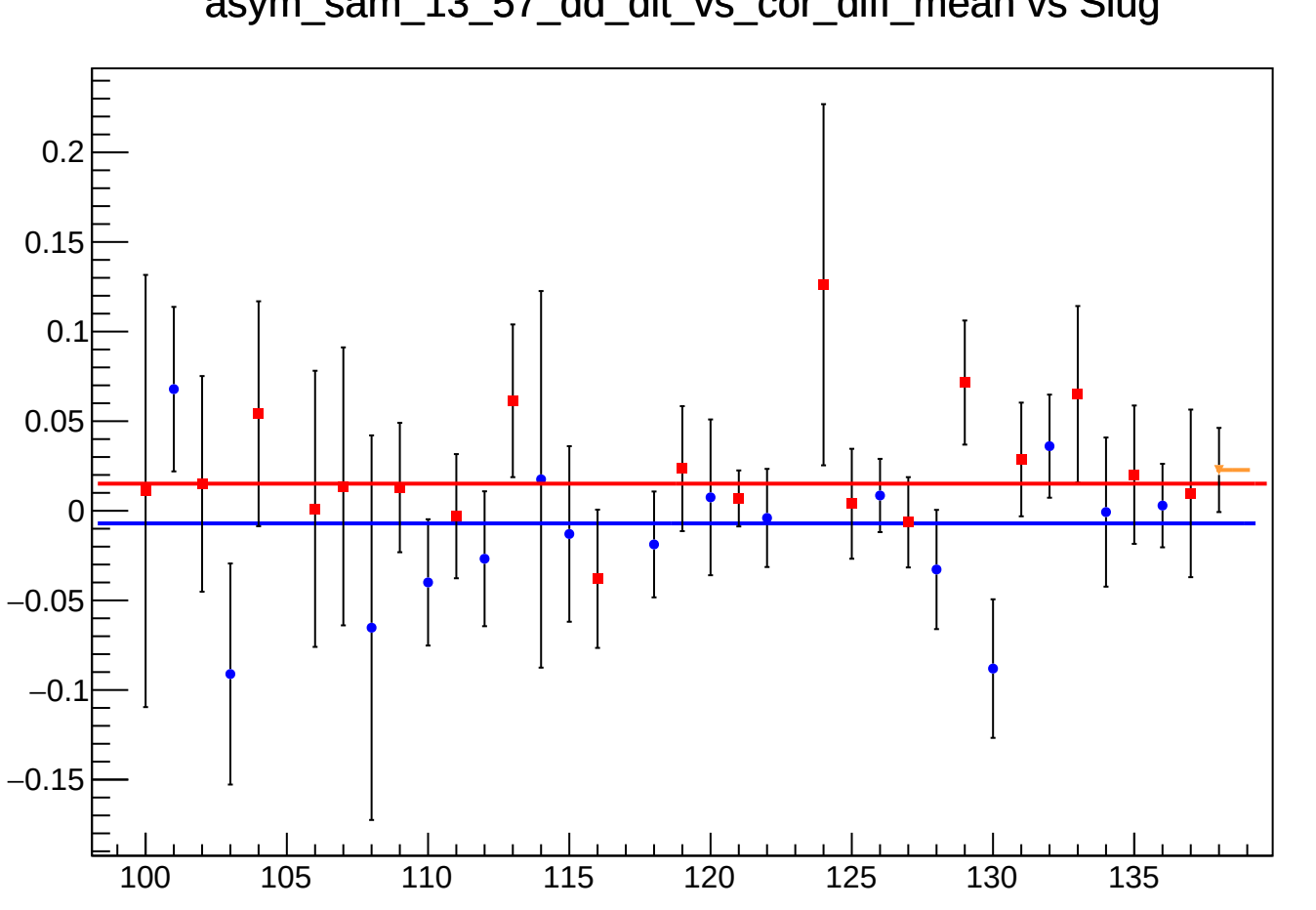
Right Out: 0.000+/-0.000 χ^2/NDF: 1769864.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2924508.3/16

All: 0.000+/-0.000 χ^2/NDF: 4878586.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.007+/-0.009 χ^2/NDF: 14.3/15

Left Out: 0.023+/-0.023 χ^2/NDF:0.0/0

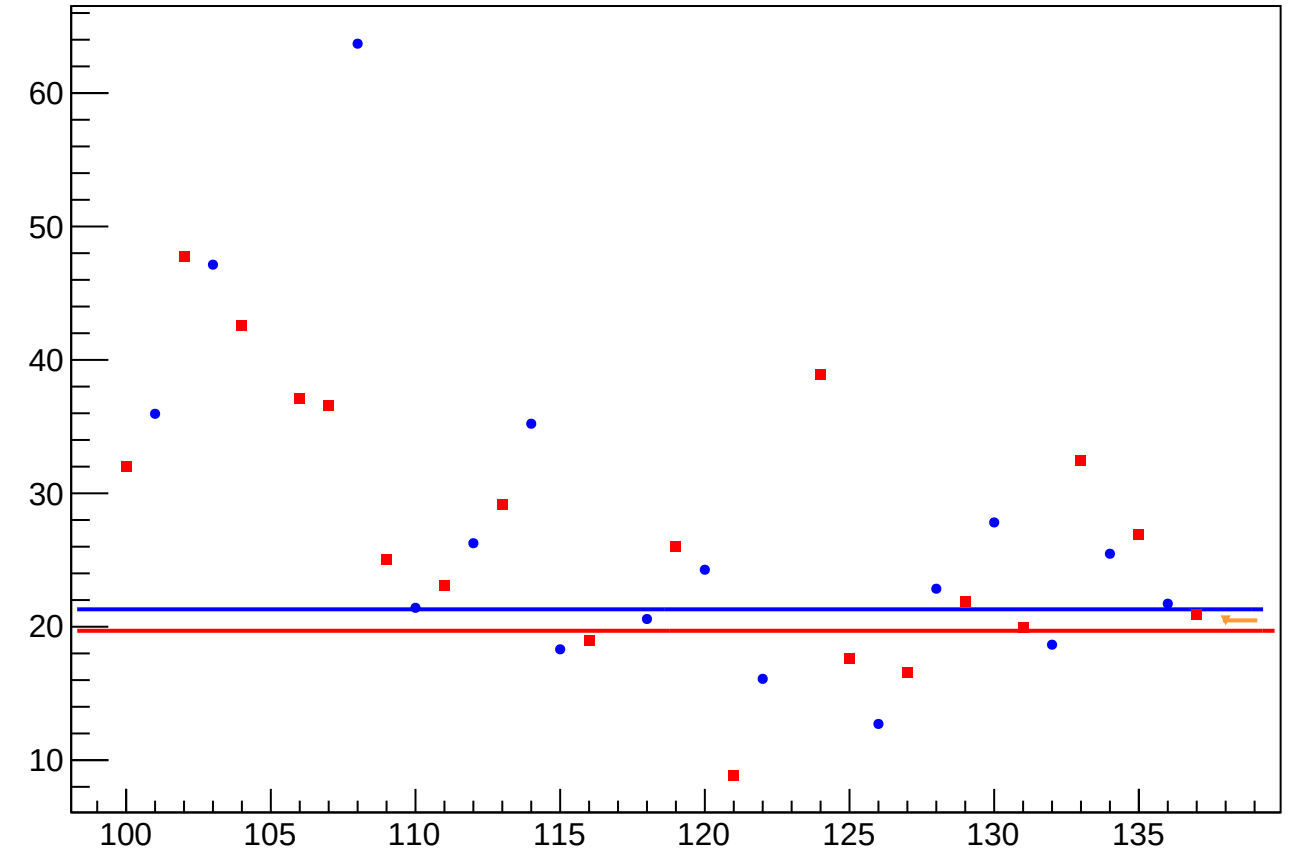
Right Out: 0.015+/-0.008 χ^2/NDF: 10.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.008 χ^2/NDF: 15.8/16

All: 0.006+/-0.006 χ^2/NDF: 28.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.305+/-0.006 χ^2/NDF: 1479398.3/15

Left Out: 20.474+/-0.017 χ^2/NDF:0.0/0

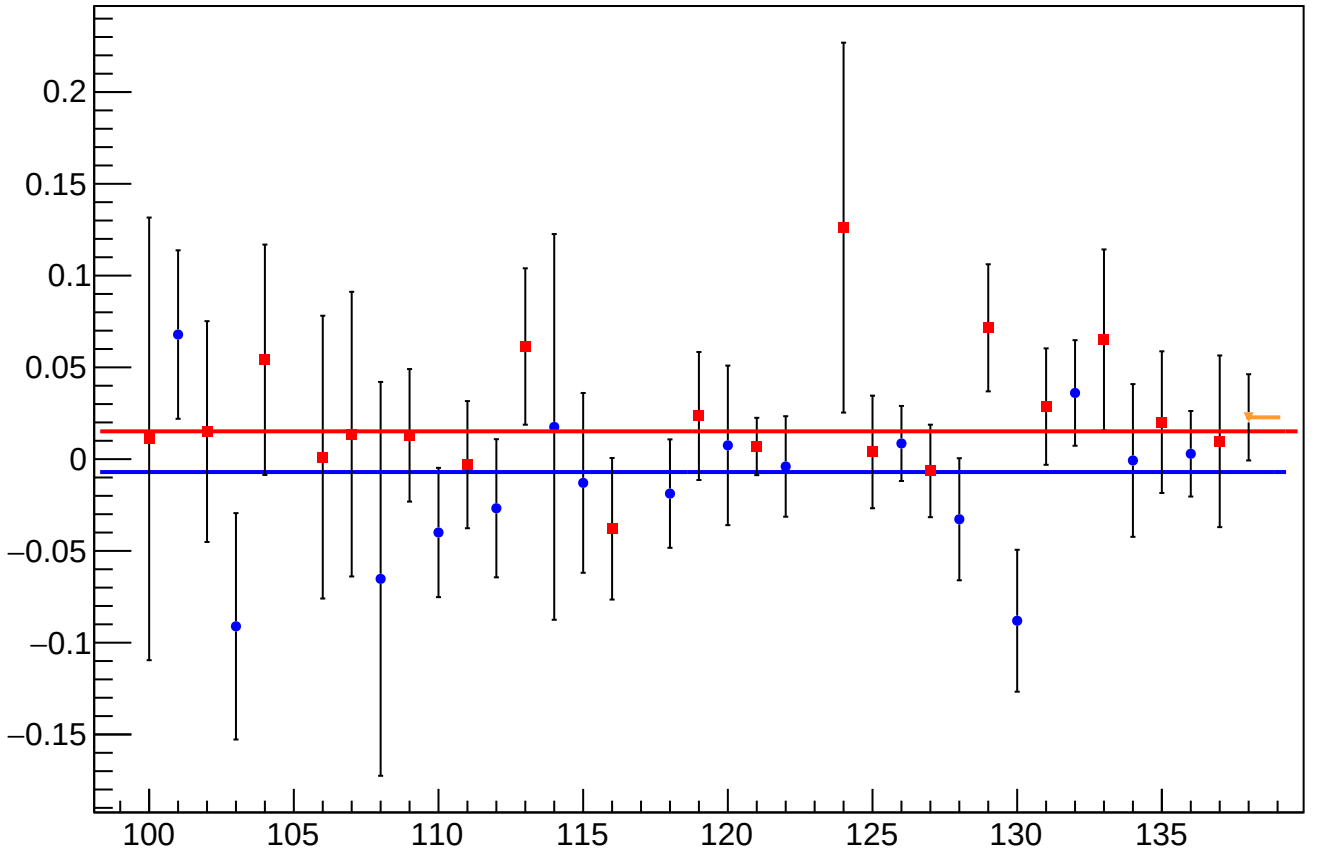
Right Out: 19.697+/-0.006 χ^2/NDF: 2438979.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.207+/-0.006 χ^2/NDF: 1481605.5/16

All: 20.464+/-0.004 χ^2/NDF: 3954812.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.007+/-0.009 χ^2/NDF: 14.3/15

Left Out: 0.023+/-0.023 χ^2/NDF:0.0/0

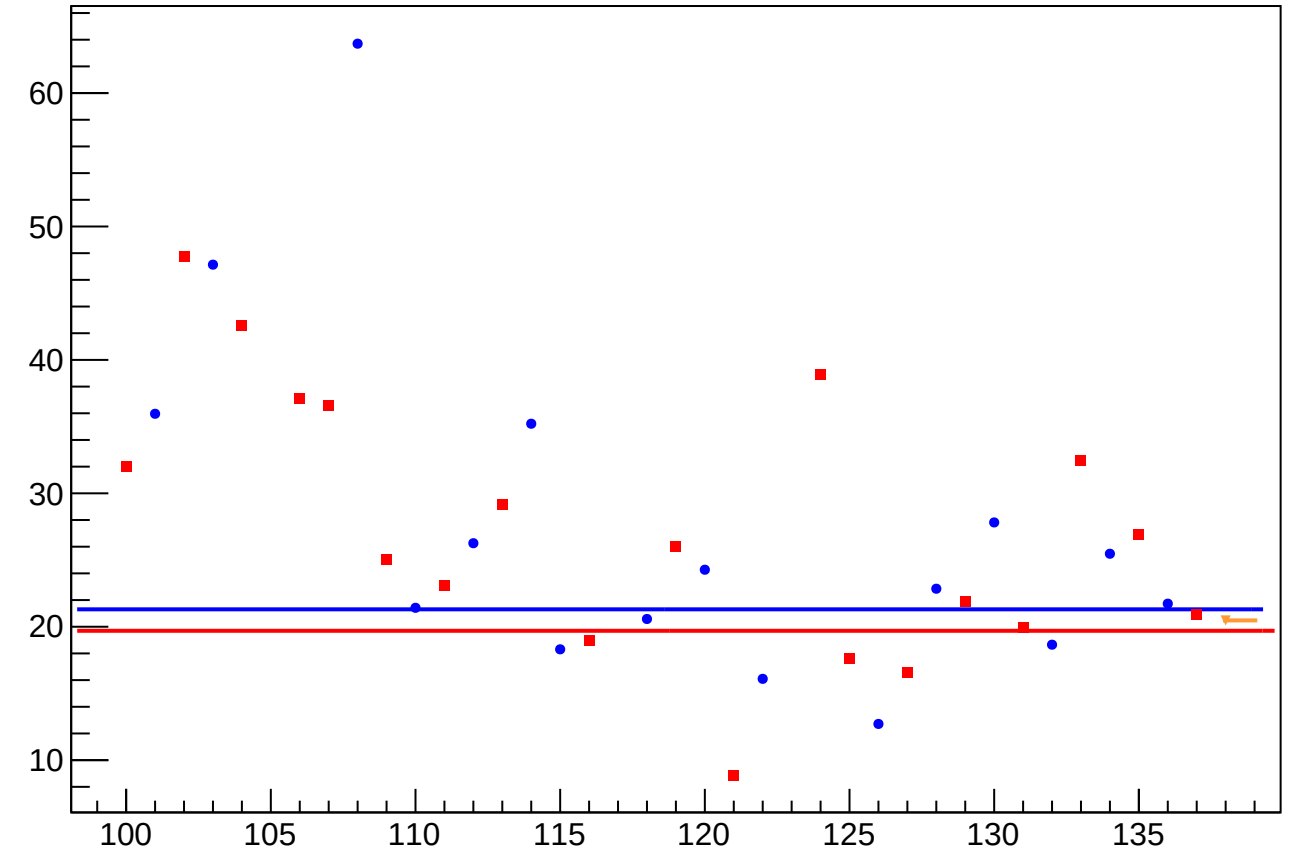
Right Out: 0.015+/-0.008 χ^2/NDF: 10.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.008 χ^2/NDF: 15.8/16

All: 0.006+/-0.006 χ^2/NDF: 28.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.305+/-0.006 χ^2/NDF: 1479398.3/15

Left Out: 20.474+/-0.017 χ^2/NDF:0.0/0

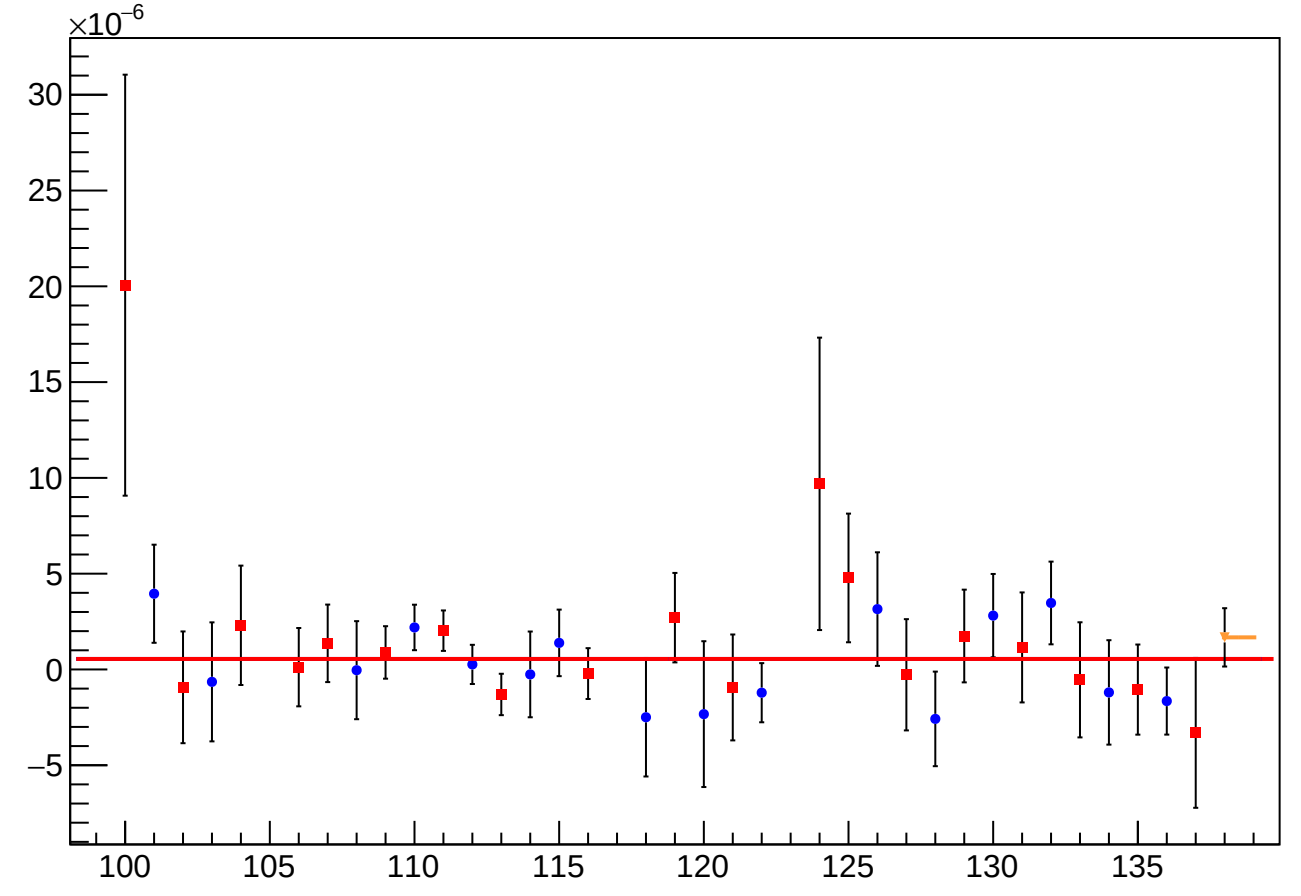
Right Out: 19.697+/-0.006 χ^2/NDF: 2438979.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 21.207+/-0.006 χ^2/NDF: 1481605.5/16

All: 20.464+/-0.004 χ^2/NDF: 3954812.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

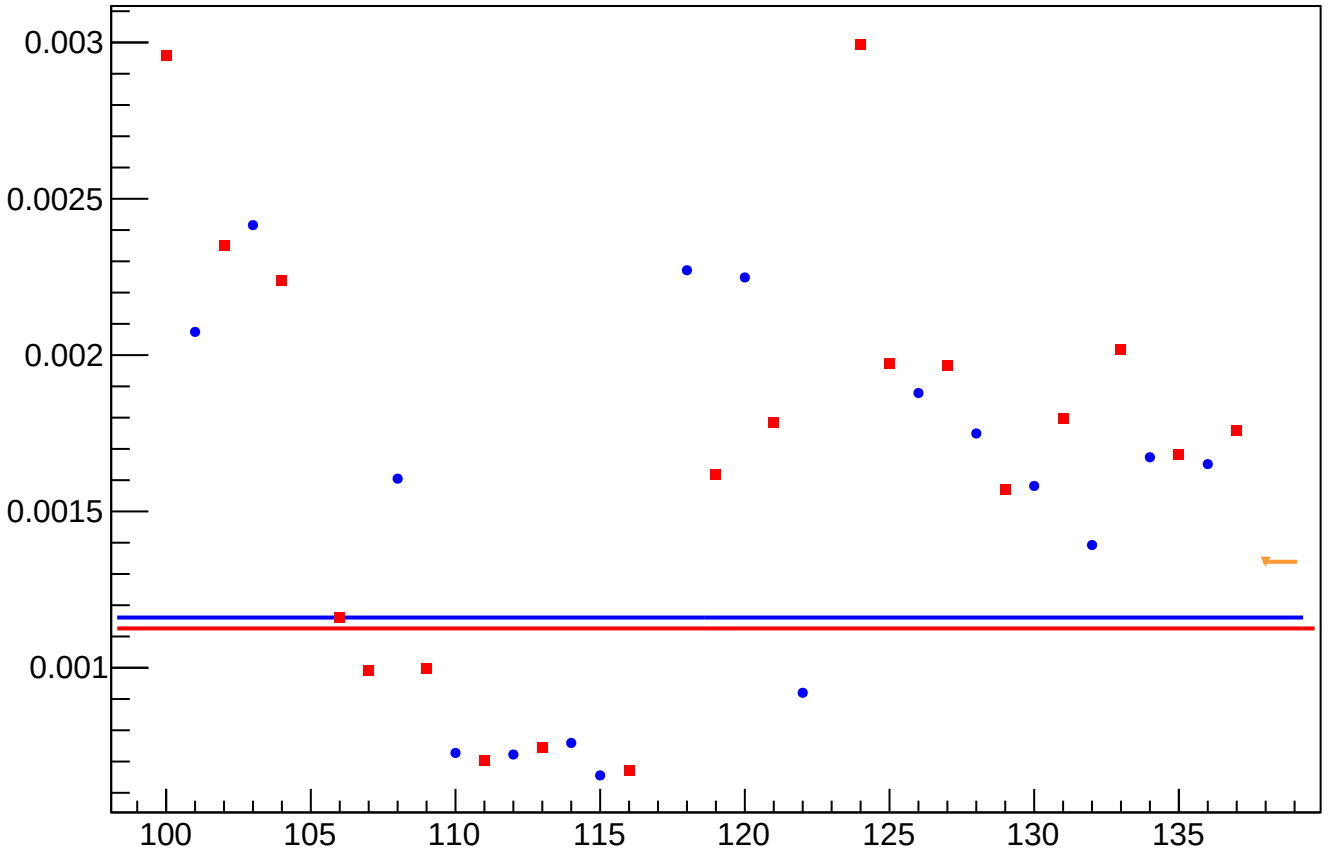
Right Out: 0.000+/-0.000 χ^2/NDF: 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 14.9/16

All: 0.000+/-0.000 χ^2/NDF: 30.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 2534643.9/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

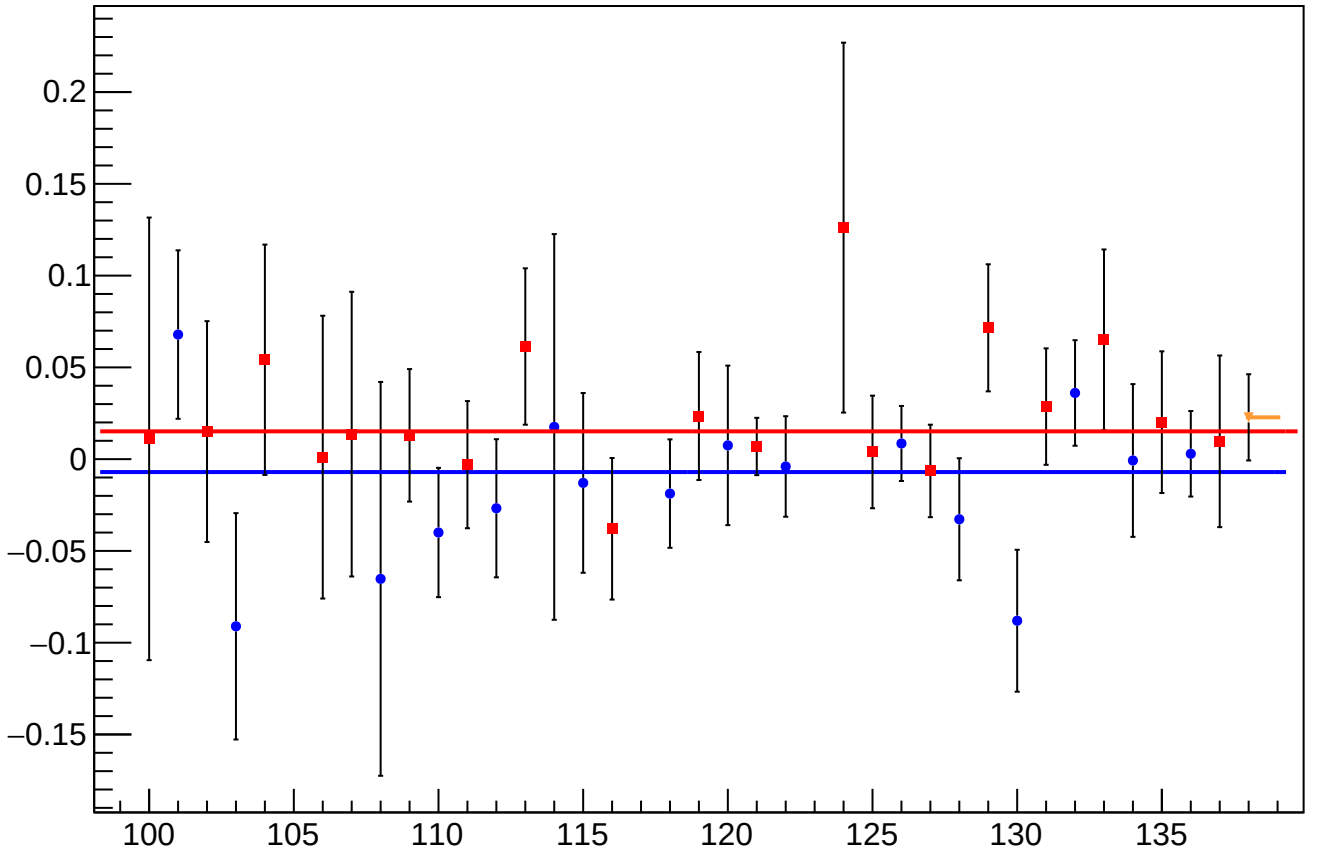
Right Out: 0.001+/-0.000 χ^2/NDF: 2623987.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 2559625.0/16

All: 0.001+/-0.000 χ^2/NDF: 5195979.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.007+/-0.009 χ^2/NDF: 14.3/15

Left Out: 0.023+/-0.023 χ^2/NDF:0.0/0

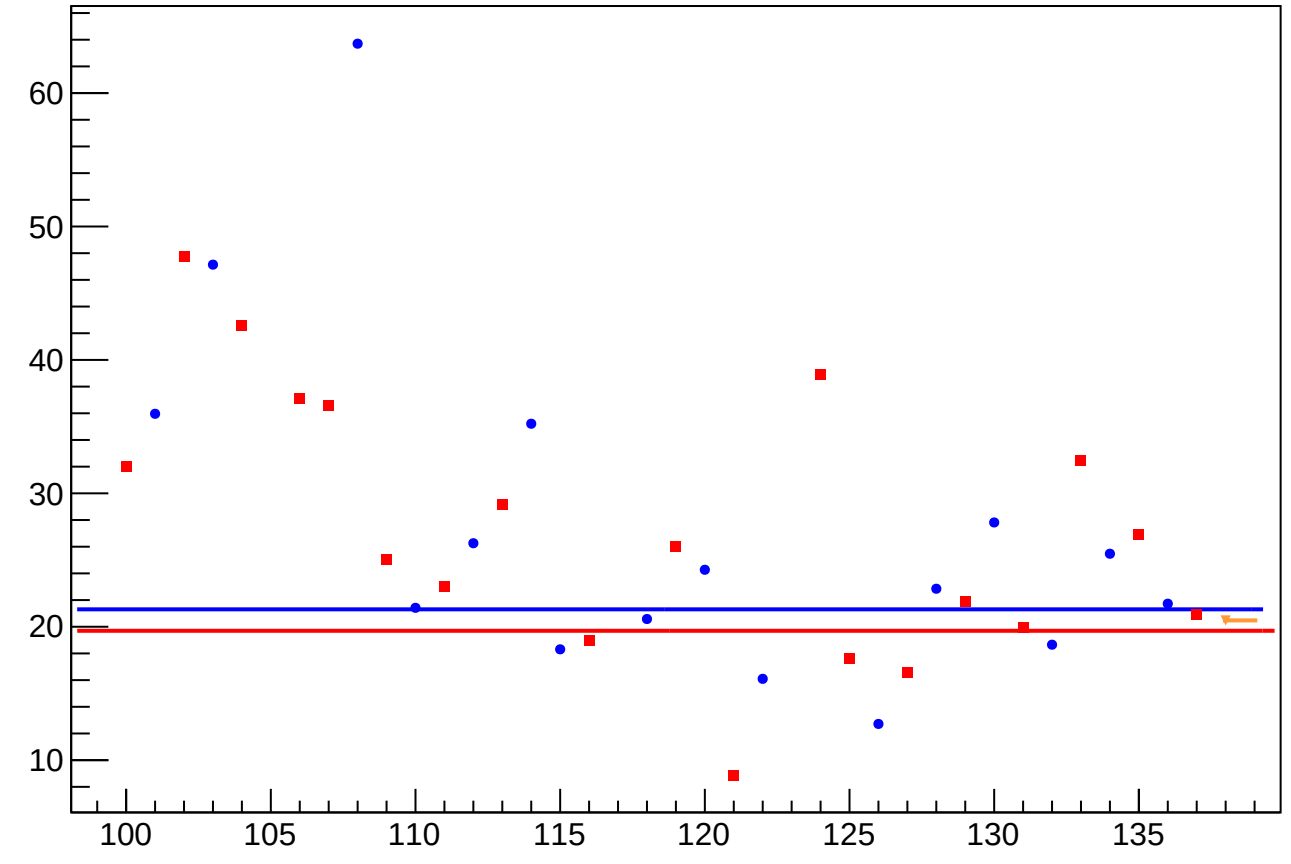
Right Out: 0.015+/-0.008 χ^2/NDF: 10.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.003+/-0.008 χ^2/NDF: 15.8/16

All: 0.006+/-0.006 χ^2/NDF: 28.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 21.306+/-0.006 χ^2/NDF: 1479231.5/15

Left Out: 20.475+/-0.017 χ^2/NDF:0.0/0

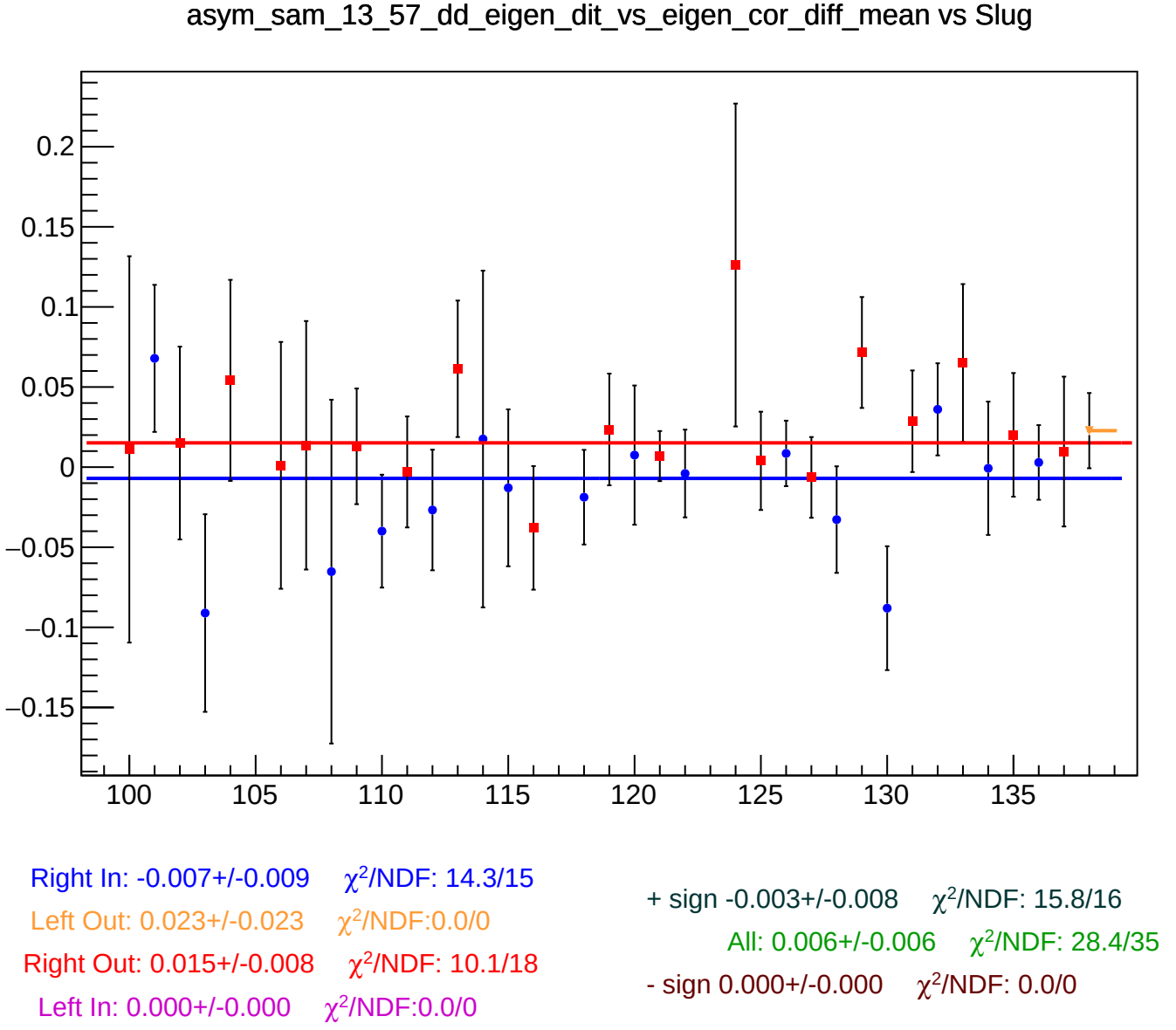
Right Out: 19.698+/-0.006 χ^2/NDF: 2438612.4/18

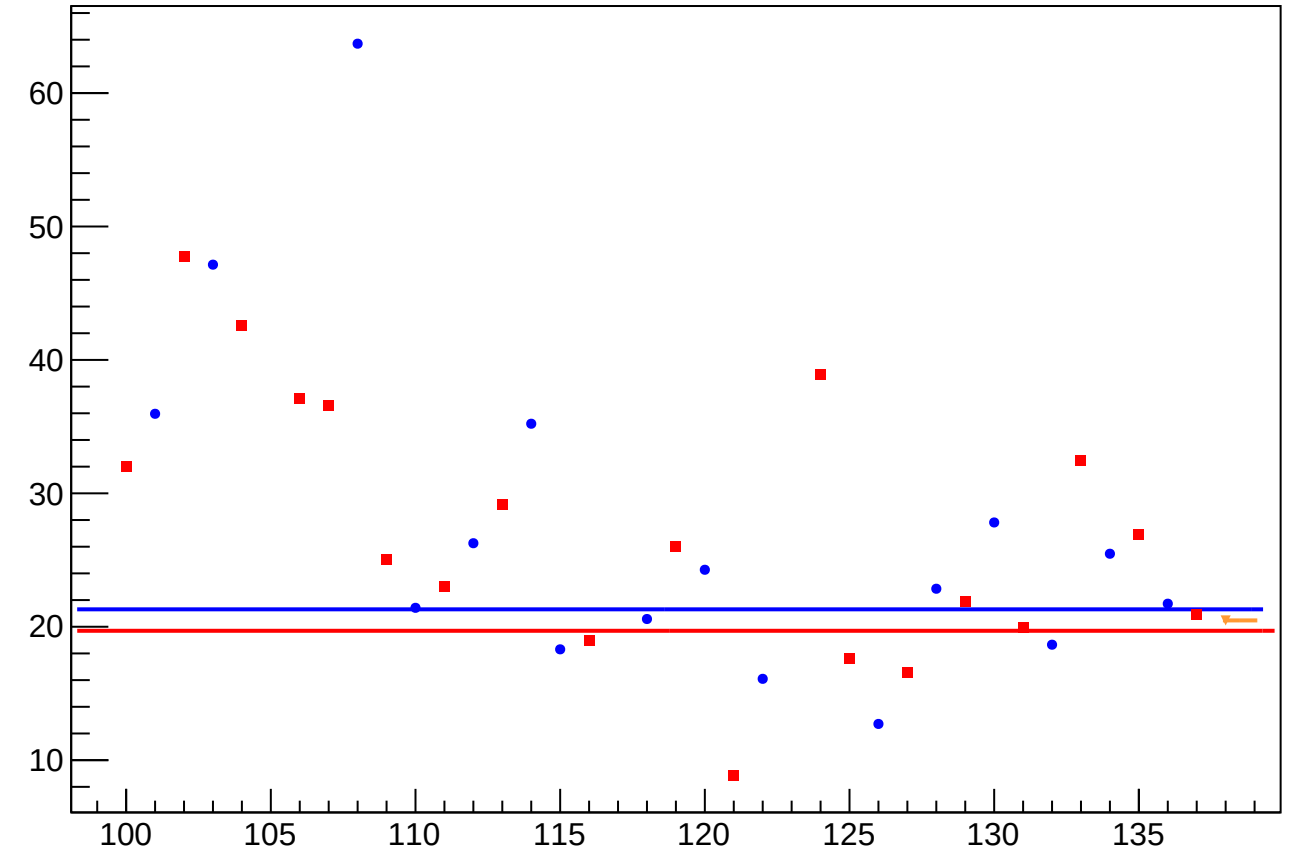
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.207+/-0.006 χ^2/NDF: 1481437.7/16

All: 20.464+/-0.004 χ^2/NDF: 3954261.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.2
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
100
105
110
115
120
125
130
135
Right In: -0.007+/-0.009 χ²/NDF: 14.3/15
Left Out: 0.023+/-0.023 χ²/NDF:0.0/0
Right Out: 0.015+/-0.008 χ²/NDF: 10.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.003+/-0.008 χ²/NDF: 15.8/16
All: 0.006+/-0.006 χ²/NDF: 28.4/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 21.306+/-0.006 χ^2/NDF: 1479231.5/15

Left Out: 20.475+/-0.017 χ^2/NDF:0.0/0

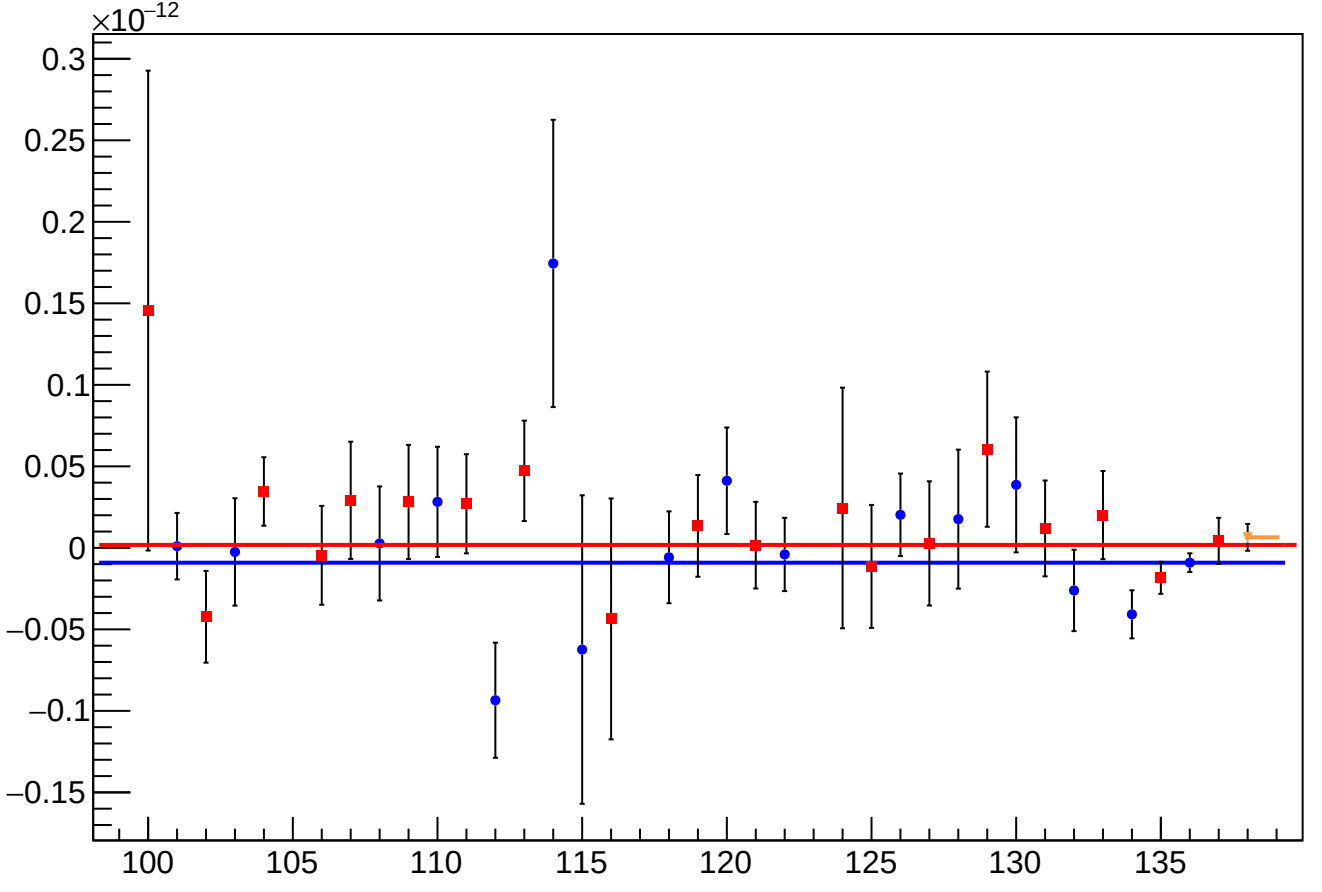
Right Out: 19.698+/-0.006 χ^2/NDF: 2438612.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.207+/-0.006 χ^2/NDF: 1481437.7/16

All: 20.464+/-0.004 χ^2/NDF: 3954261.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

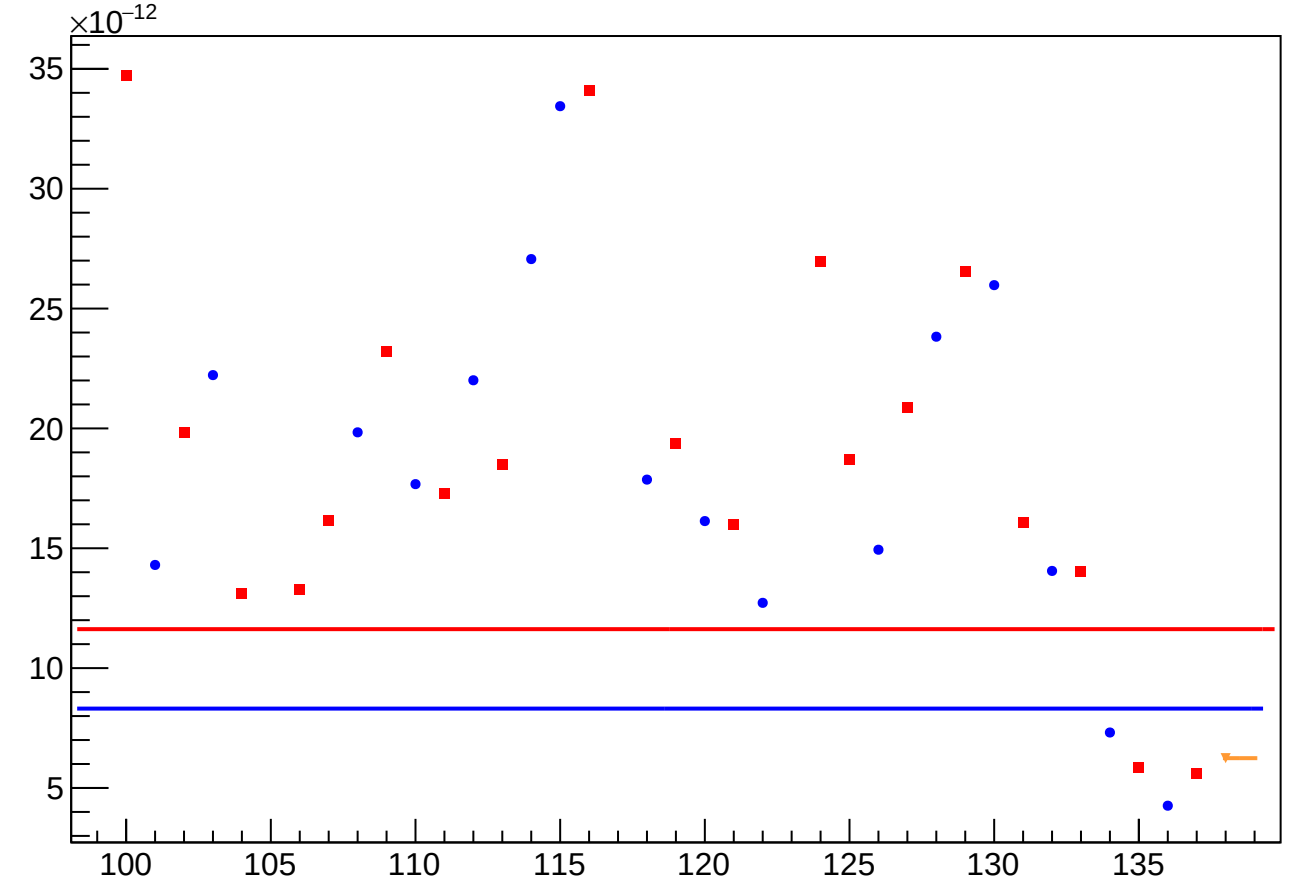
Right Out: 0.000+/-0.000 χ^2/NDF: 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 25.3/16

All: -0.000+/-0.000 χ^2/NDF: 43.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3731754.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2610908.4/18

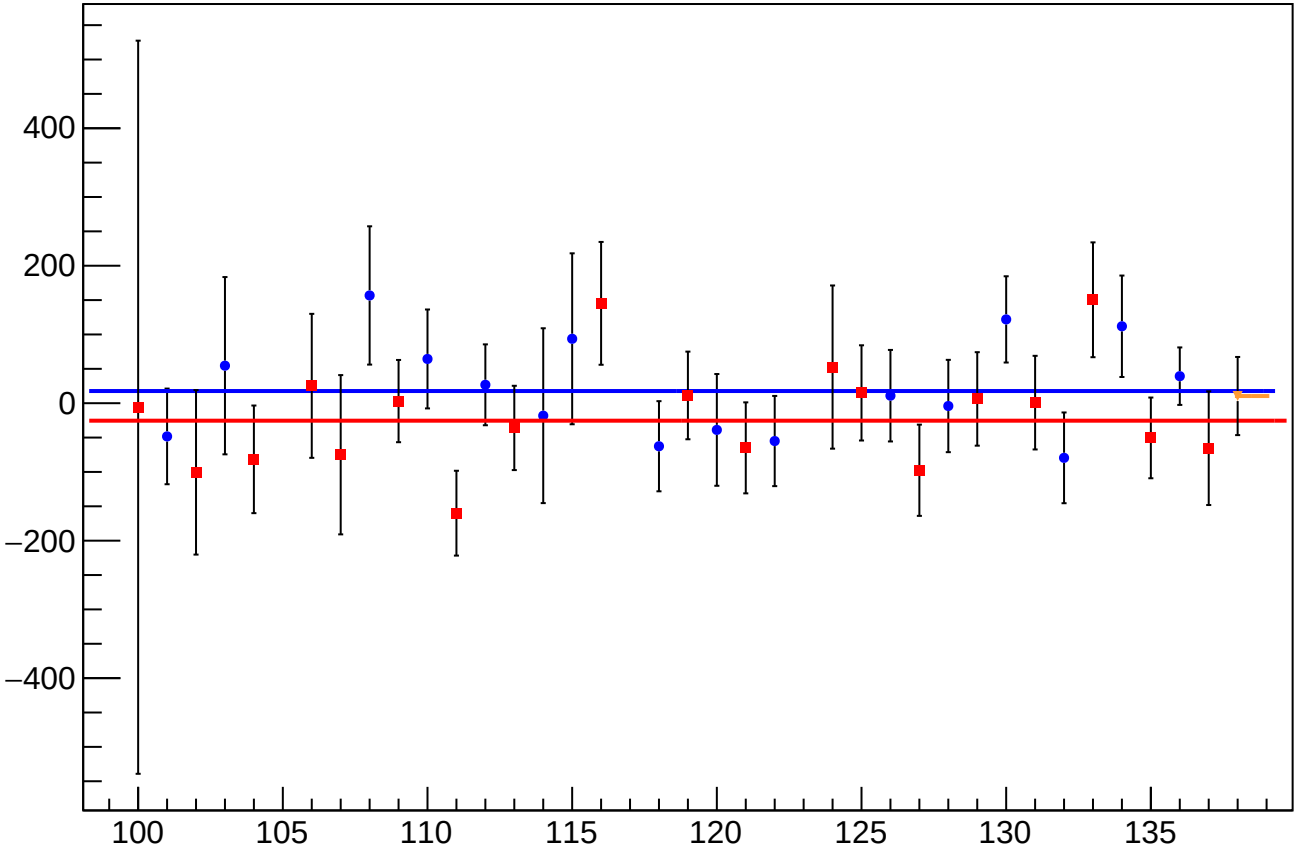
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3828815.5/16

All: 0.000+/-0.000 χ^2/NDF: 7038988.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 17.701+/-17.470 χ^2/NDF: 13.9/15

Left Out: 10.424+/-56.850 χ^2/NDF:0.0/0

Right Out: -25.440+/-17.337 χ^2/NDF: 17.8/18

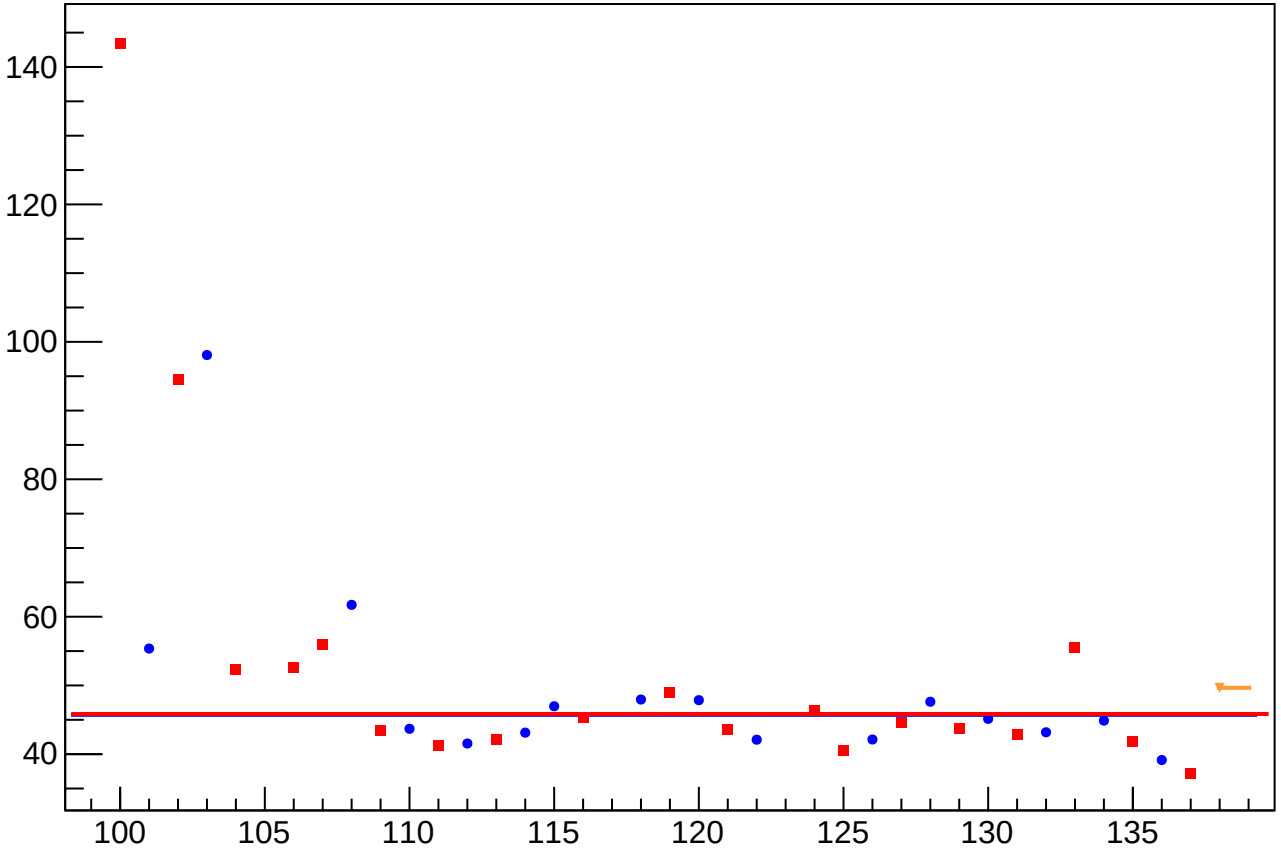
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.073+/-16.699 χ^2/NDF: 14.0/16

All: -3.388+/-12.027 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.727+/-0.012 χ^2/NDF: 501460.7/15

Left Out: 49.654+/-0.040 χ^2/NDF:0.0/0

Right Out: 45.849+/-0.012 χ^2/NDF: 540156.7/18

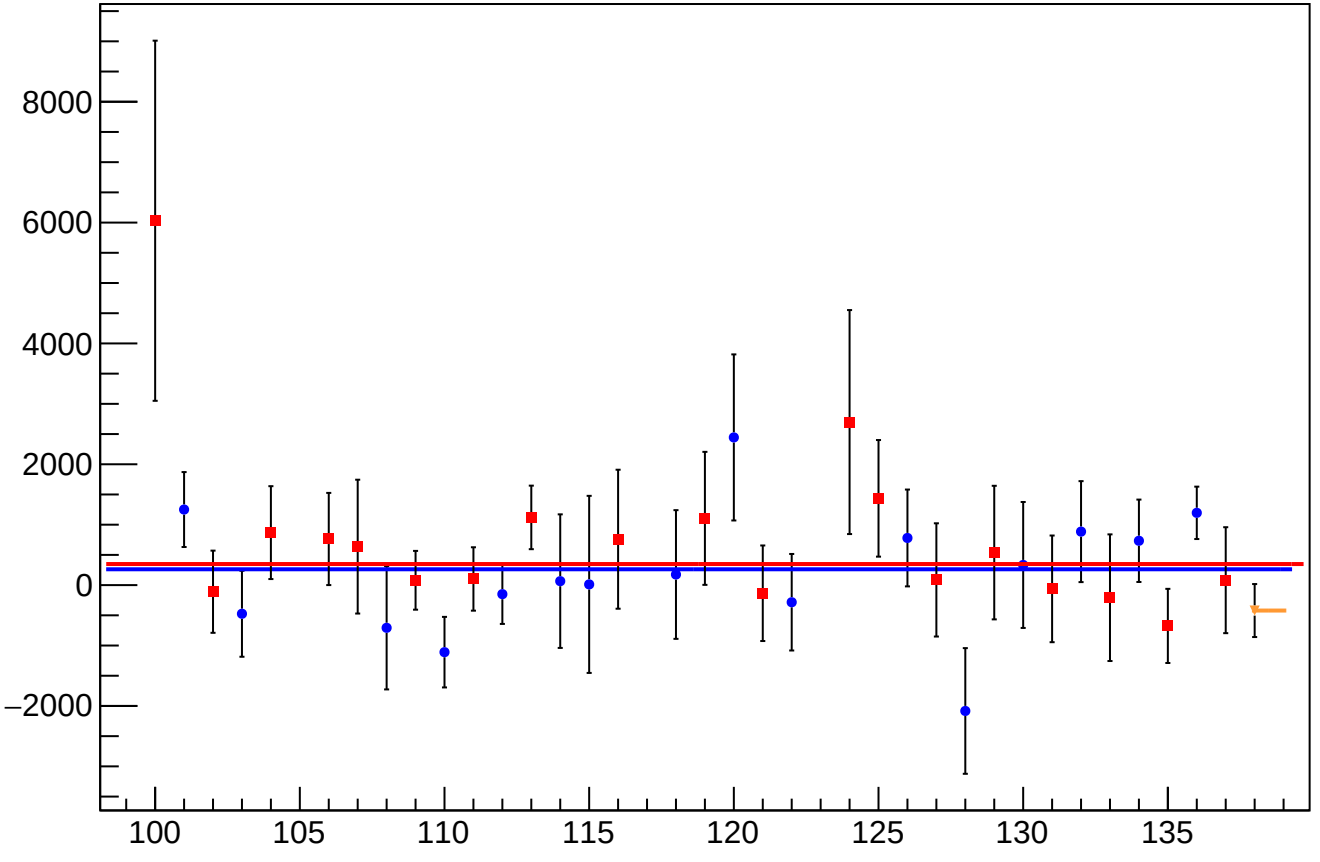
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.066+/-0.012 χ^2/NDF: 510180.9/16

All: 45.961+/-0.009 χ^2/NDF: 1050499.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: 261.943+/-185.211 χ^2/NDF: 25.0/15

Left Out: -421.063+/-438.529 χ^2/NDF:0.0/0

Right Out: 348.685+/-180.682 χ^2/NDF: 14.9/18

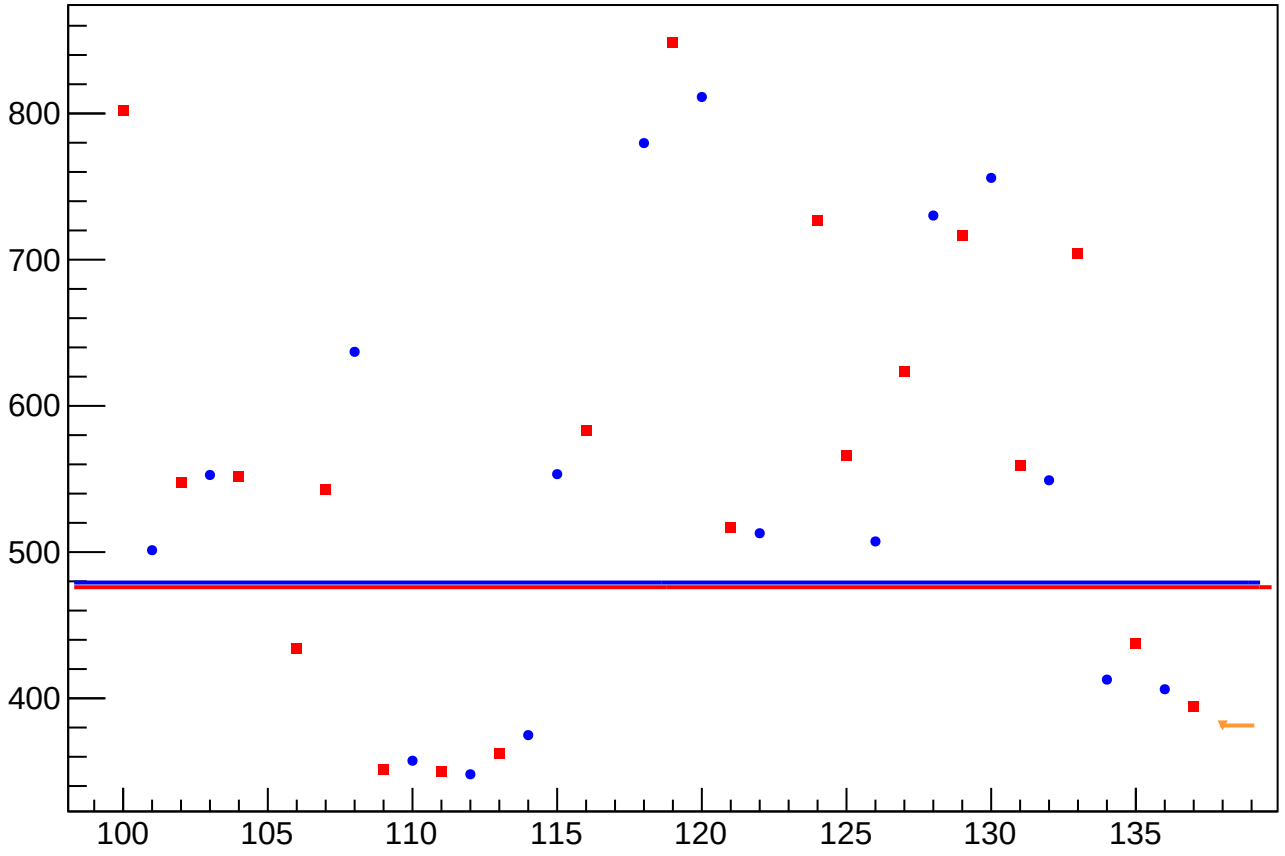
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 158.554+/-170.618 χ^2/NDF: 27.0/16

All: 248.177+/-124.050 χ^2/NDF: 42.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 479.178+/-0.131 χ^2/NDF: 952693.7/15

Left Out: 381.411+/-0.310 χ^2/NDF:0.0/0

Right Out: 475.992+/-0.128 χ^2/NDF: 1006487.7/18

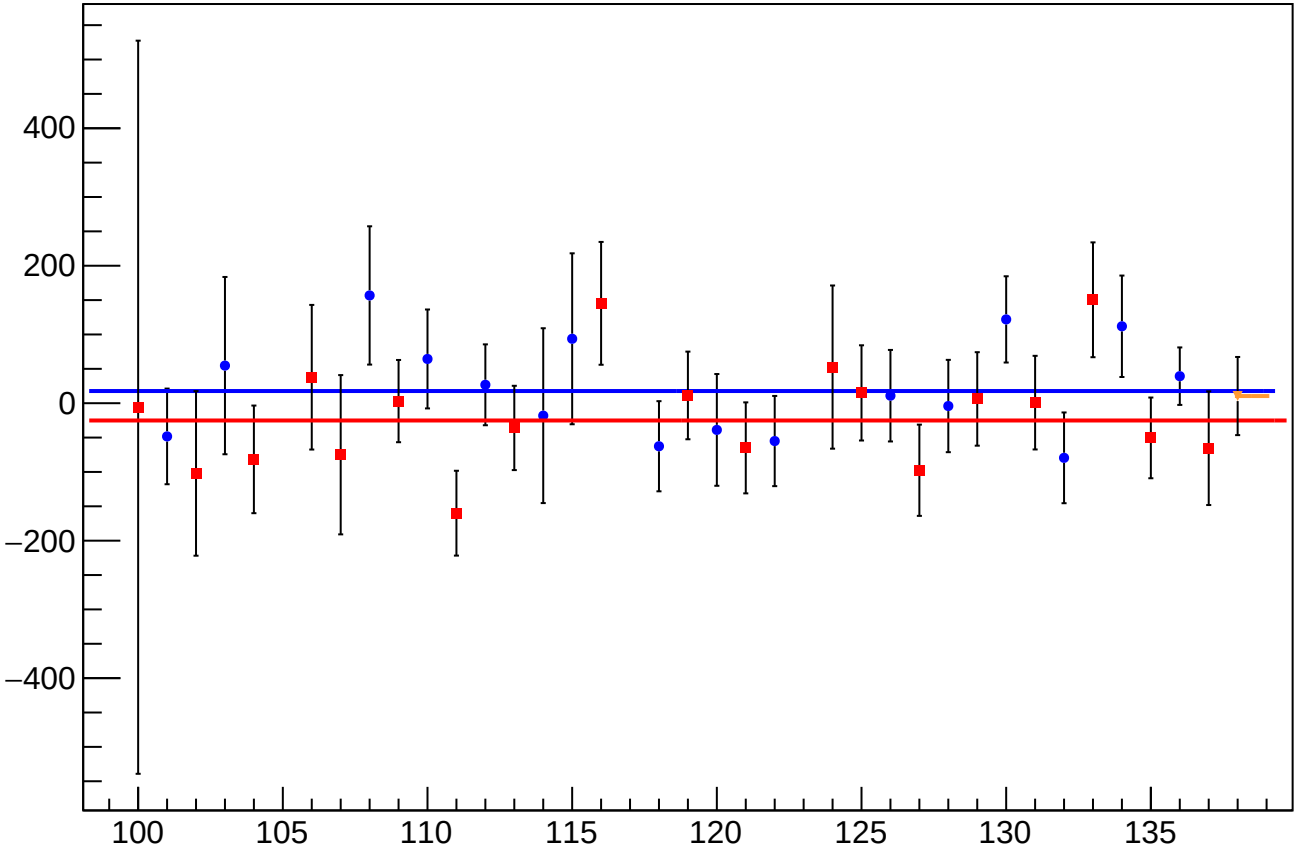
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 464.378+/-0.121 χ^2/NDF: 1037053.2/16

All: 469.853+/-0.088 χ^2/NDF: 2047908.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 17.706+/-17.470 χ^2/NDF: 13.9/15

Left Out: 10.417+/-56.850 χ^2/NDF:0.0/0

Right Out: -25.145+/-17.339 χ^2/NDF: 18.0/18

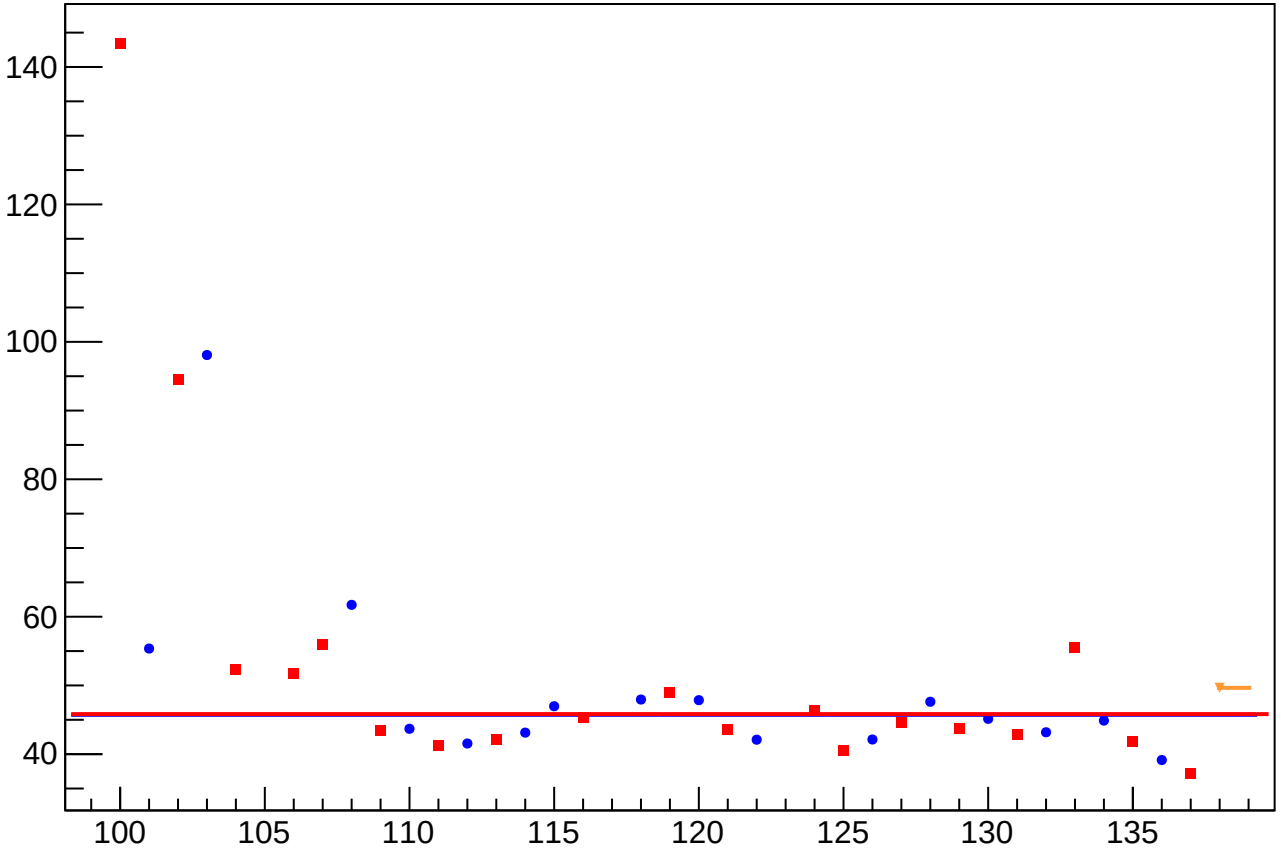
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.077+/-16.699 χ^2/NDF: 14.0/16

All: -3.241+/-12.028 χ^2/NDF: 35.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 45.727+/-0.012 χ^2/NDF: 501463.8/15

Left Out: 49.654+/-0.040 χ^2/NDF:0.0/0

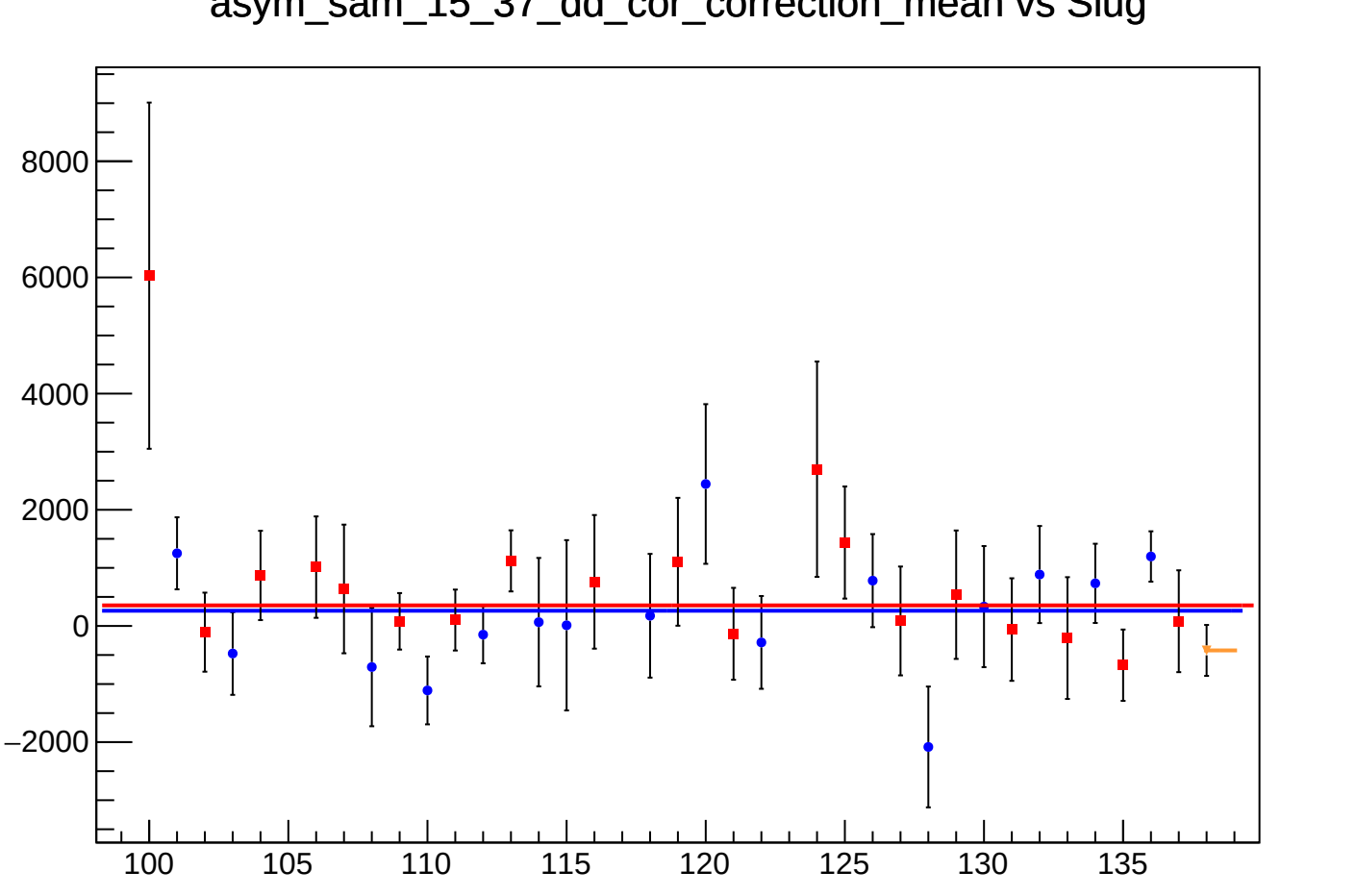
Right Out: 45.825+/-0.012 χ^2/NDF: 538470.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.066+/-0.012 χ^2/NDF: 510183.9/16

All: 45.950+/-0.009 χ^2/NDF: 1048853.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 261.947+/-185.212 χ^2/NDF: 25.0/15

Left Out: -421.065+/-438.530 χ^2/NDF:0.0/0

Right Out: 354.204+/-181.903 χ^2/NDF: 15.2/18

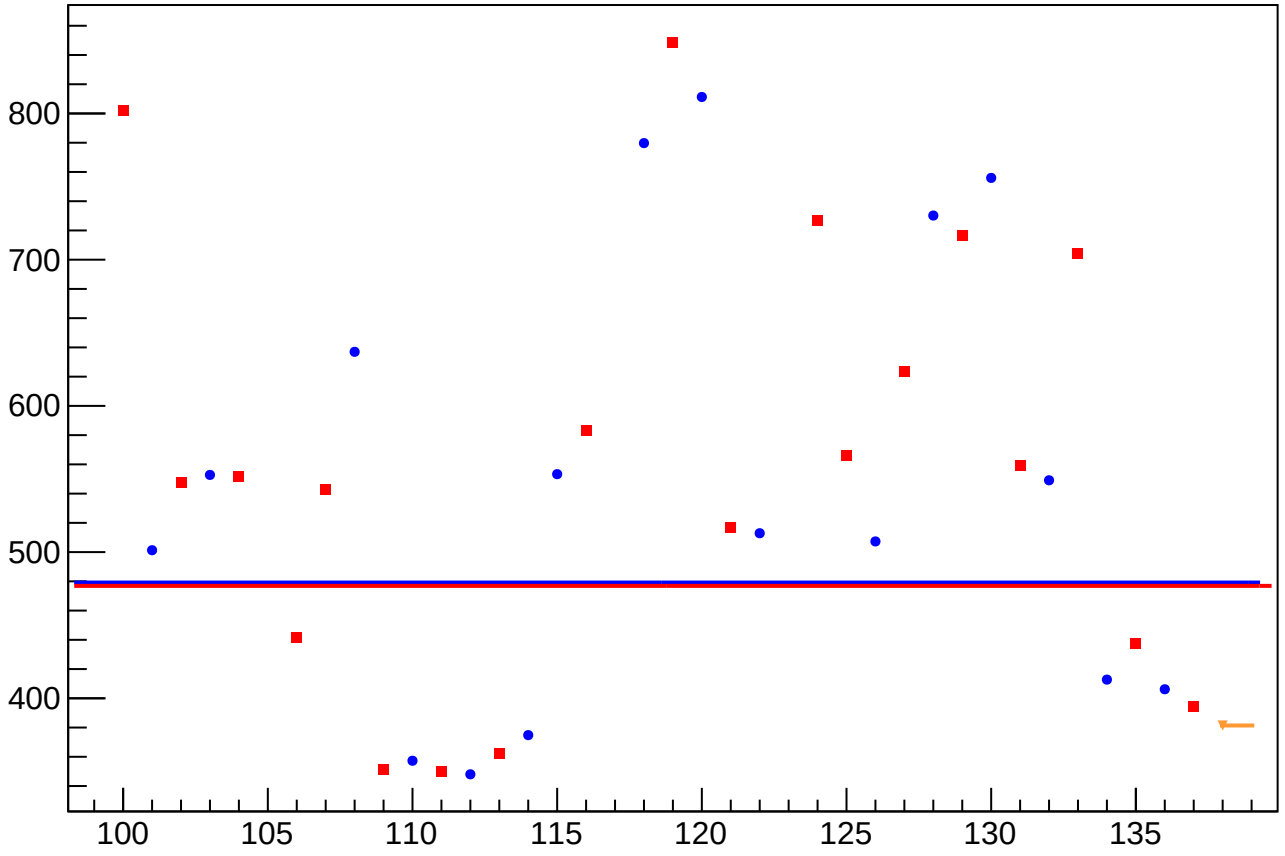
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 158.556+/-170.619 χ^2/NDF: 27.0/16

All: 250.124+/-124.444 χ^2/NDF: 42.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 479.180+/-0.131 χ^2/NDF: 952722.6/15

Left Out: 381.411+/-0.310 χ^2/NDF:0.0/0

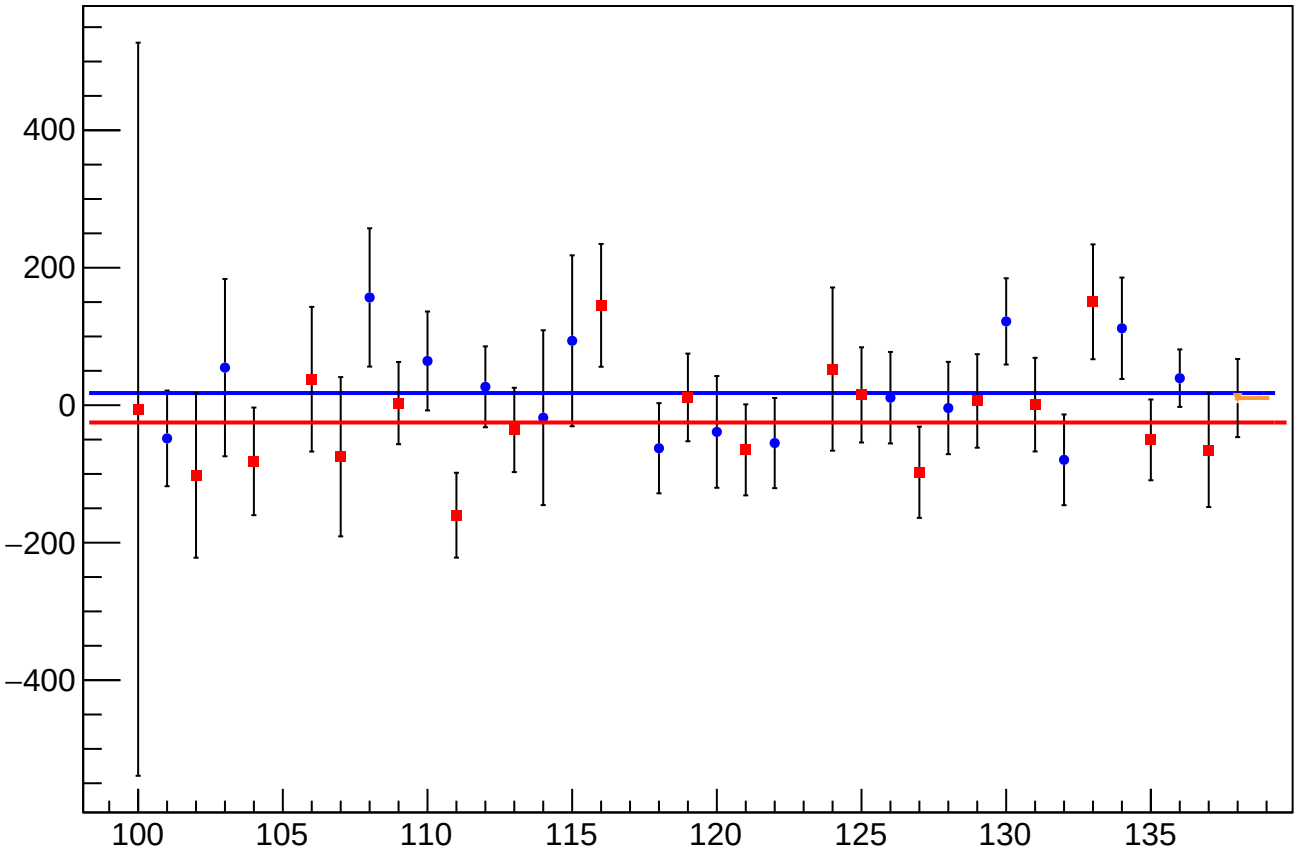
Right Out: 476.893+/-0.129 χ^2/NDF: 1003767.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 464.380+/-0.121 χ^2/NDF: 1037085.3/16

All: 470.236+/-0.088 χ^2/NDF: 2045887.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17.706+/-17.470 χ^2/NDF: 13.9/15

Left Out: 10.417+/-56.850 χ^2/NDF:0.0/0

Right Out: -25.145+/-17.339 χ^2/NDF: 18.0/18

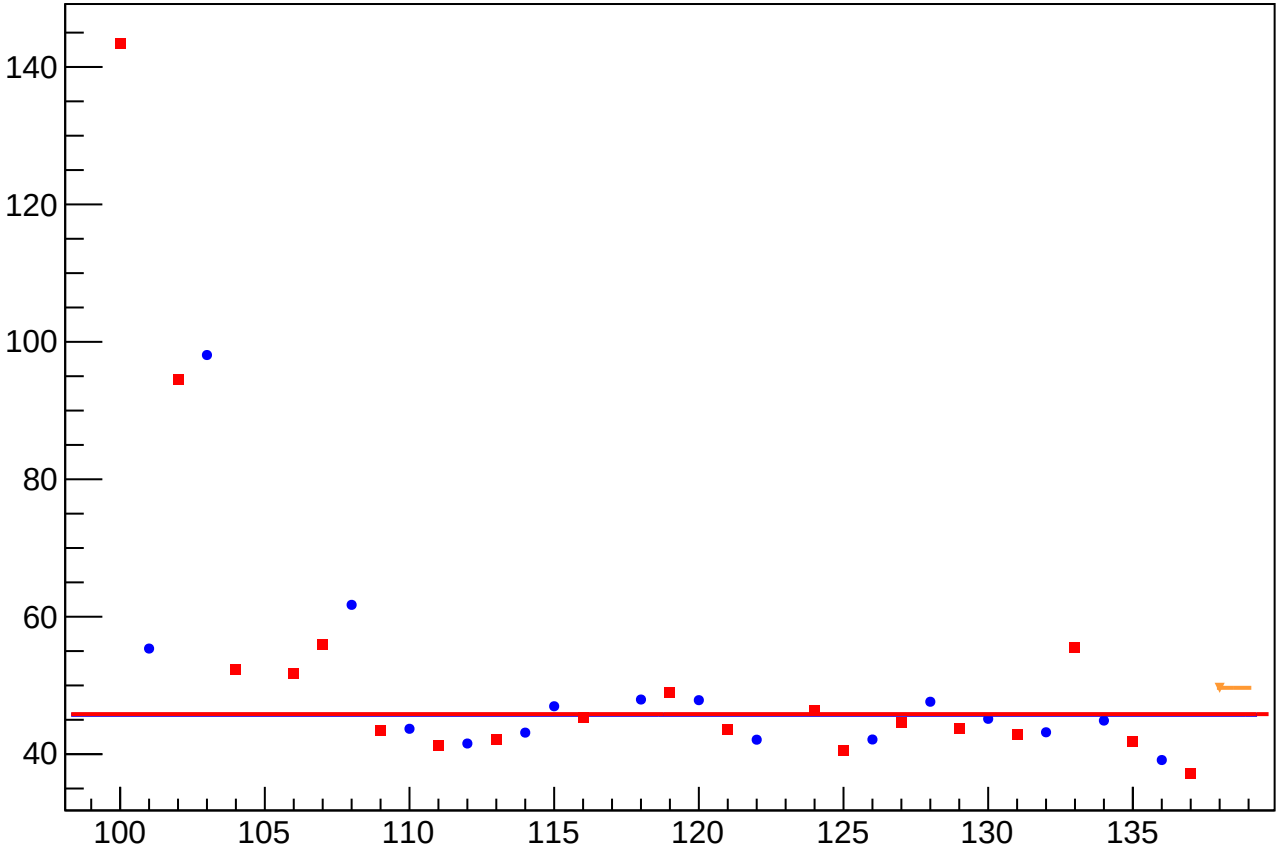
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.077+/-16.699 χ^2/NDF: 14.0/16

All: -3.241+/-12.028 χ^2/NDF: 35.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 45.727+/-0.012 χ^2/NDF: 501463.8/15

Left Out: 49.654+/-0.040 χ^2/NDF:0.0/0

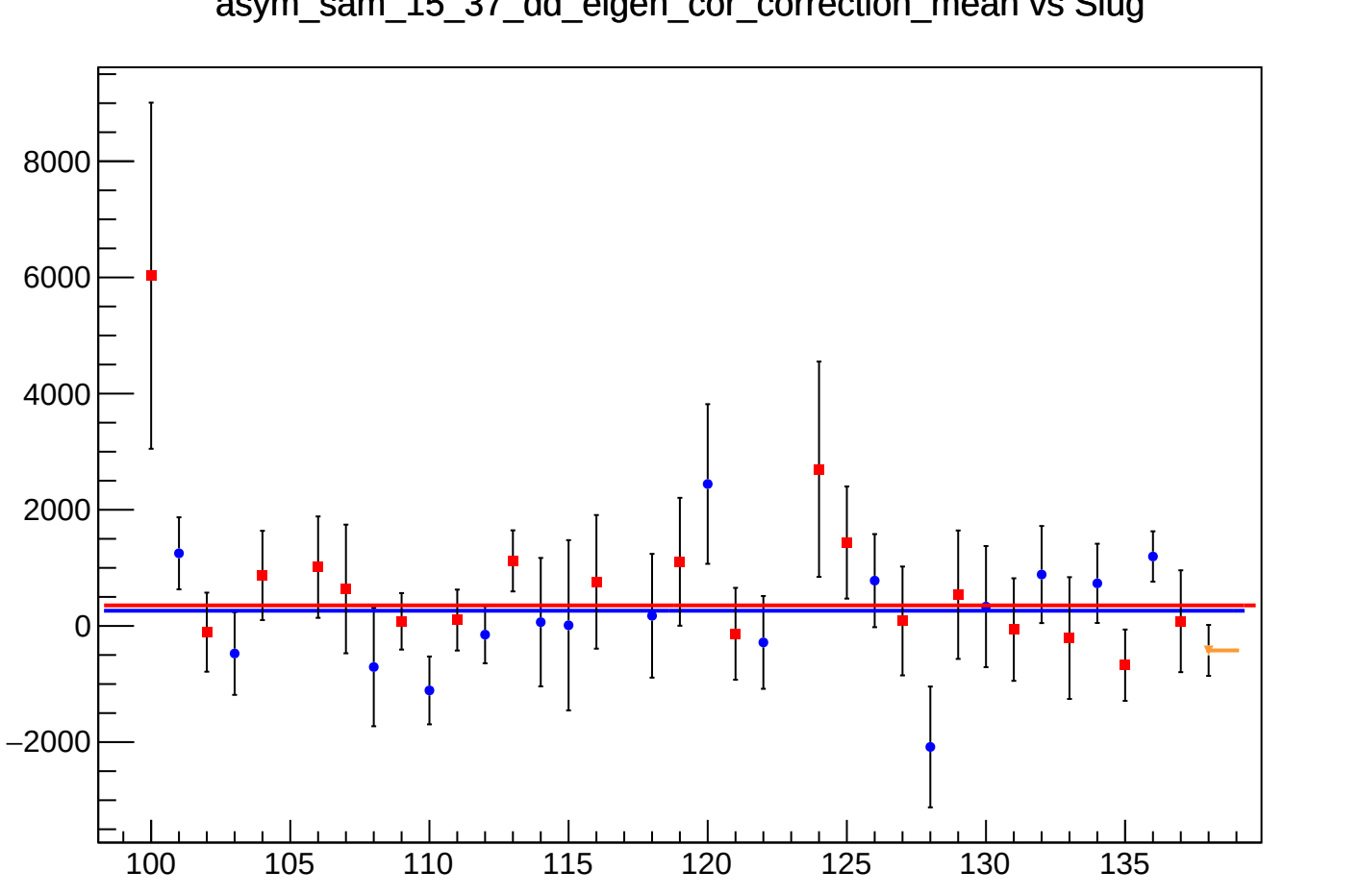
Right Out: 45.825+/-0.012 χ^2/NDF: 538470.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.066+/-0.012 χ^2/NDF: 510183.9/16

All: 45.950+/-0.009 χ^2/NDF: 1048853.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 261.947+/-185.212 χ^2/NDF: 25.0/15

Left Out: -421.065+/-438.530 χ^2/NDF:0.0/0

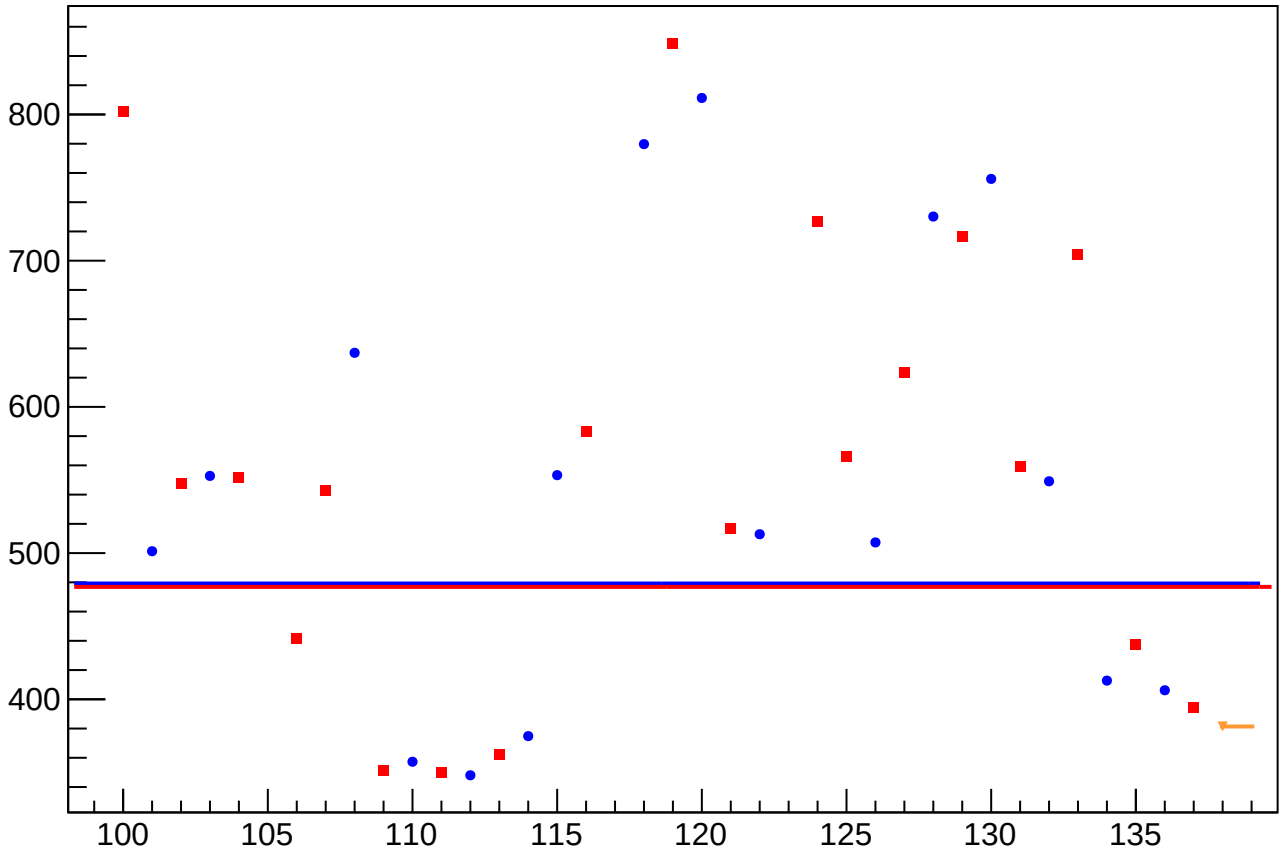
Right Out: 354.204+/-181.903 χ^2/NDF: 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 158.556+/-170.619 χ^2/NDF: 27.0/16

All: 250.124+/-124.444 χ^2/NDF: 42.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 479.180+/-0.131 χ^2/NDF: 952722.6/15

Left Out: 381.411+/-0.310 χ^2/NDF:0.0/0

Right Out: 476.893+/-0.129 χ^2/NDF: 1003767.4/18

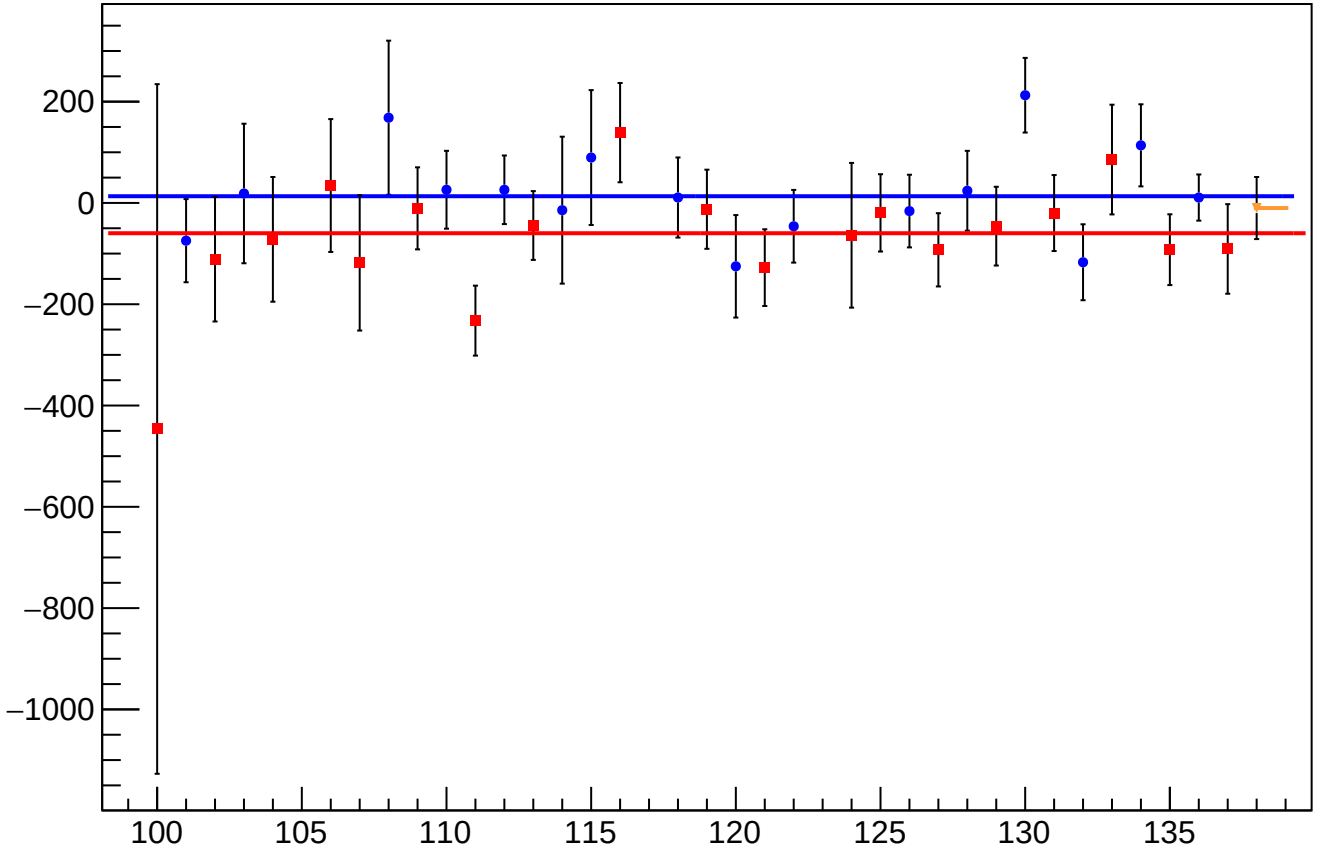
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 464.380+/-0.121 χ^2/NDF: 1037085.3/16

All: 470.236+/-0.088 χ^2/NDF: 2045887.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 13.266+/-19.849 χ^2/NDF: 17.2/15

Left Out: -10.060+/-61.297 χ^2/NDF:0.0/0

Right Out: -59.810+/-20.234 χ^2/NDF: 16.1/18

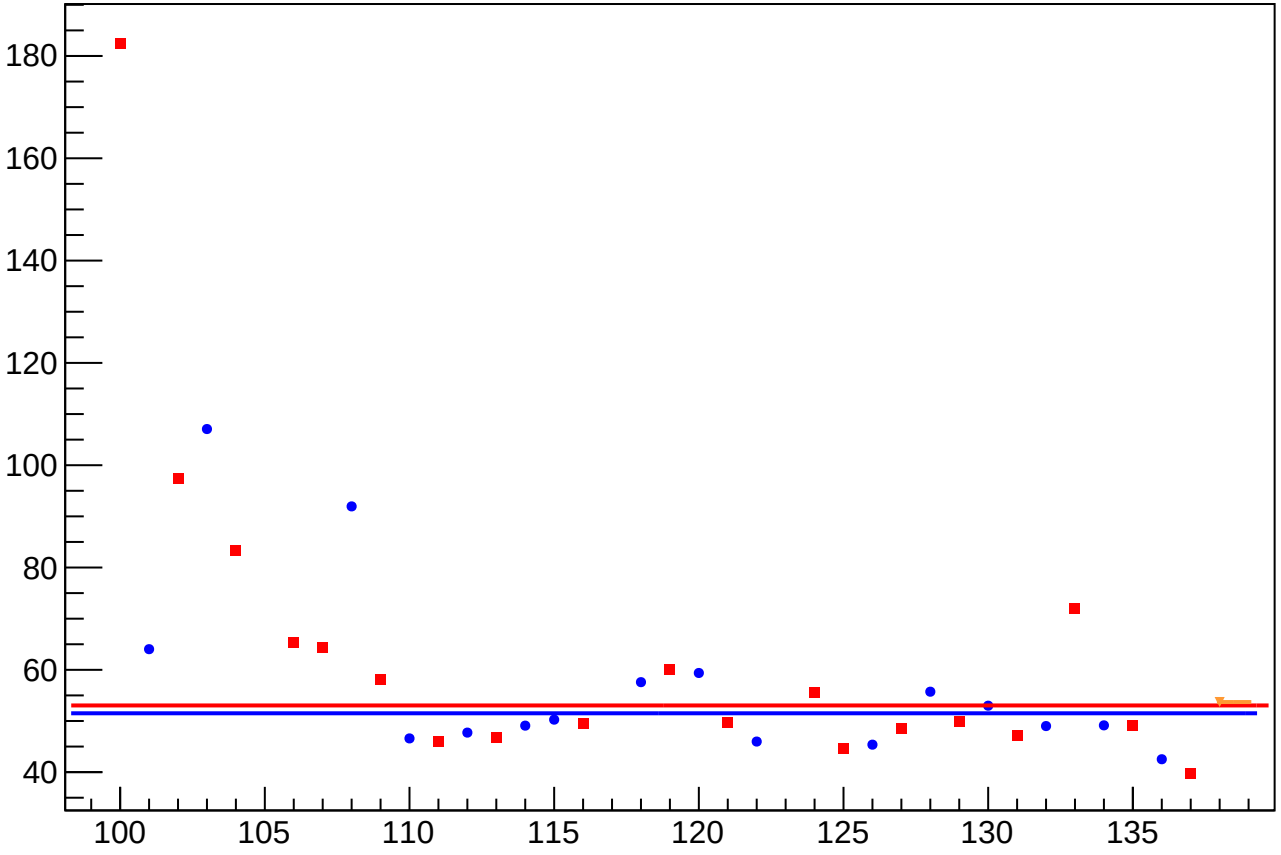
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.052+/-18.884 χ^2/NDF: 17.4/16

All: -21.936+/-13.805 χ^2/NDF: 40.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 51.506+/-0.014 χ^2/NDF: 667059.0/15

Left Out: 53.704+/-0.043 χ^2/NDF:0.0/0

Right Out: 53.037+/-0.014 χ^2/NDF: 712908.4/18

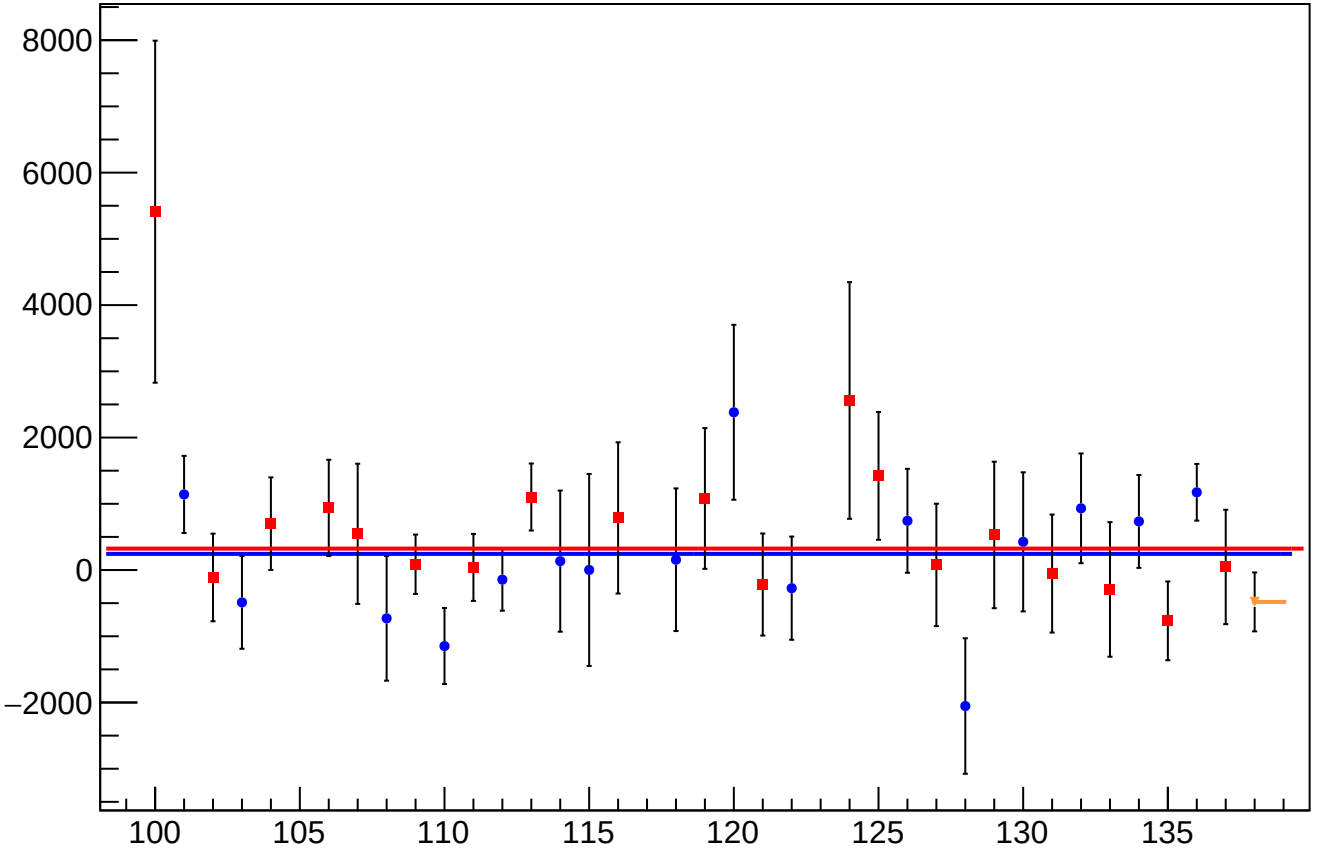
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 51.714+/-0.013 χ^2/NDF: 669387.0/16

All: 52.330+/-0.010 χ^2/NDF: 1386866.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: 243.828+/-180.872 χ^2/NDF: 25.6/15

Left Out: -481.400+/-444.548 χ^2/NDF:0.0/0

Right Out: 323.628+/-173.632 χ^2/NDF: 16.5/18

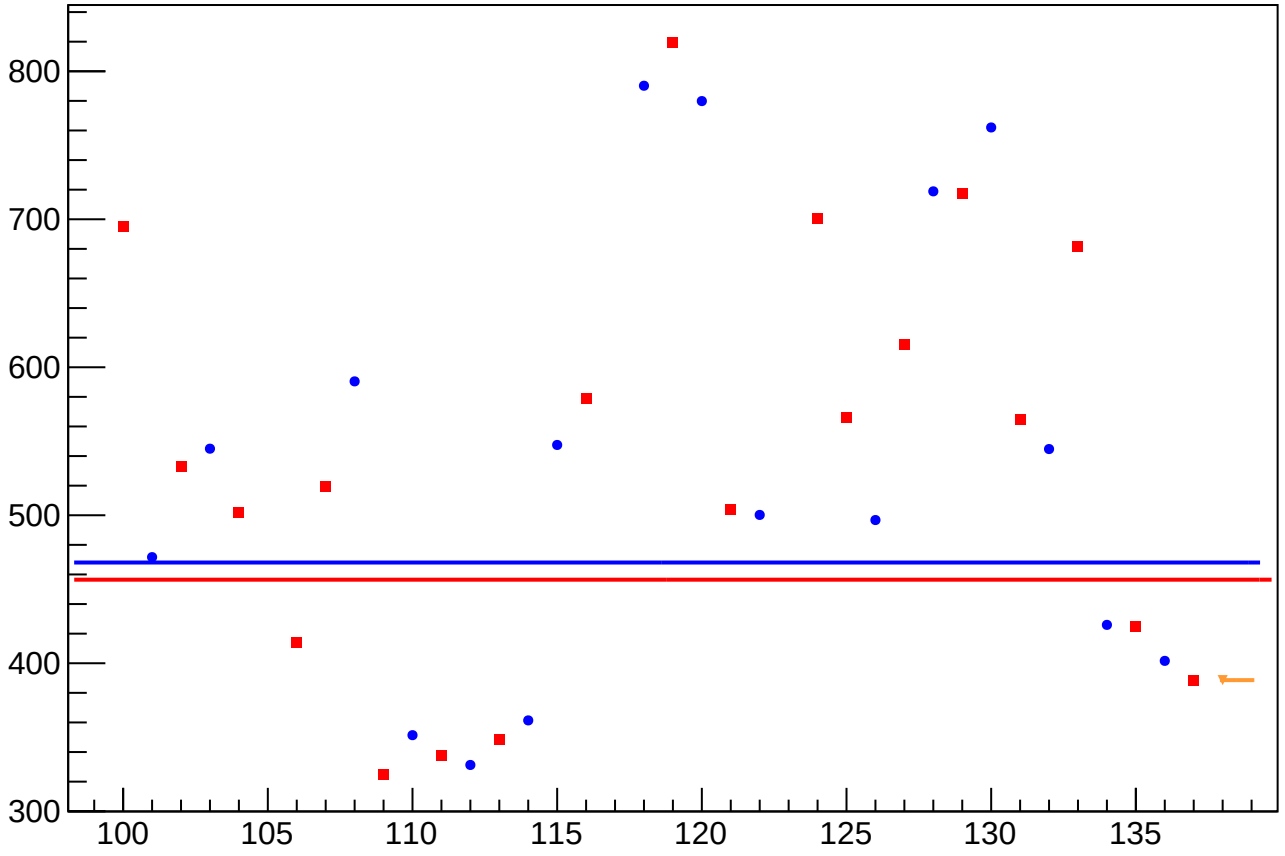
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 140.824+/-167.536 χ^2/NDF: 27.9/16

All: 228.961+/-120.563 χ^2/NDF: 44.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 468.066+/-0.128 χ^2/NDF: 982915.0/15

Left Out: 388.592+/-0.314 χ^2/NDF:0.0/0

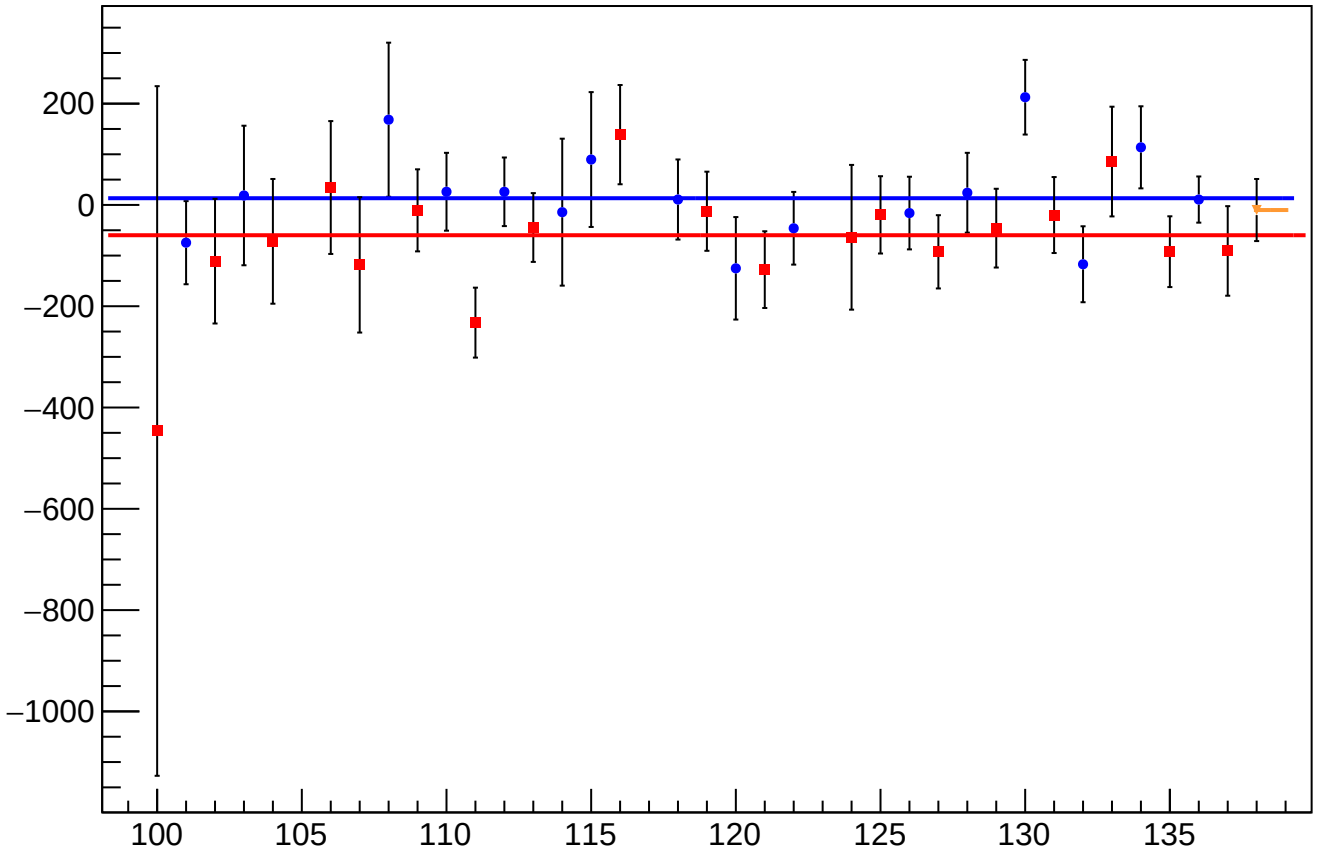
Right Out: 456.468+/-0.123 χ^2/NDF: 1082568.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 456.778+/-0.118 χ^2/NDF: 1037756.4/16

All: 456.629+/-0.085 χ^2/NDF: 2120327.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 13.266+/-19.849 χ^2/NDF: 17.2/15

Left Out: -10.061+/-61.297 χ^2/NDF:0.0/0

Right Out: -59.811+/-20.234 χ^2/NDF: 16.1/18

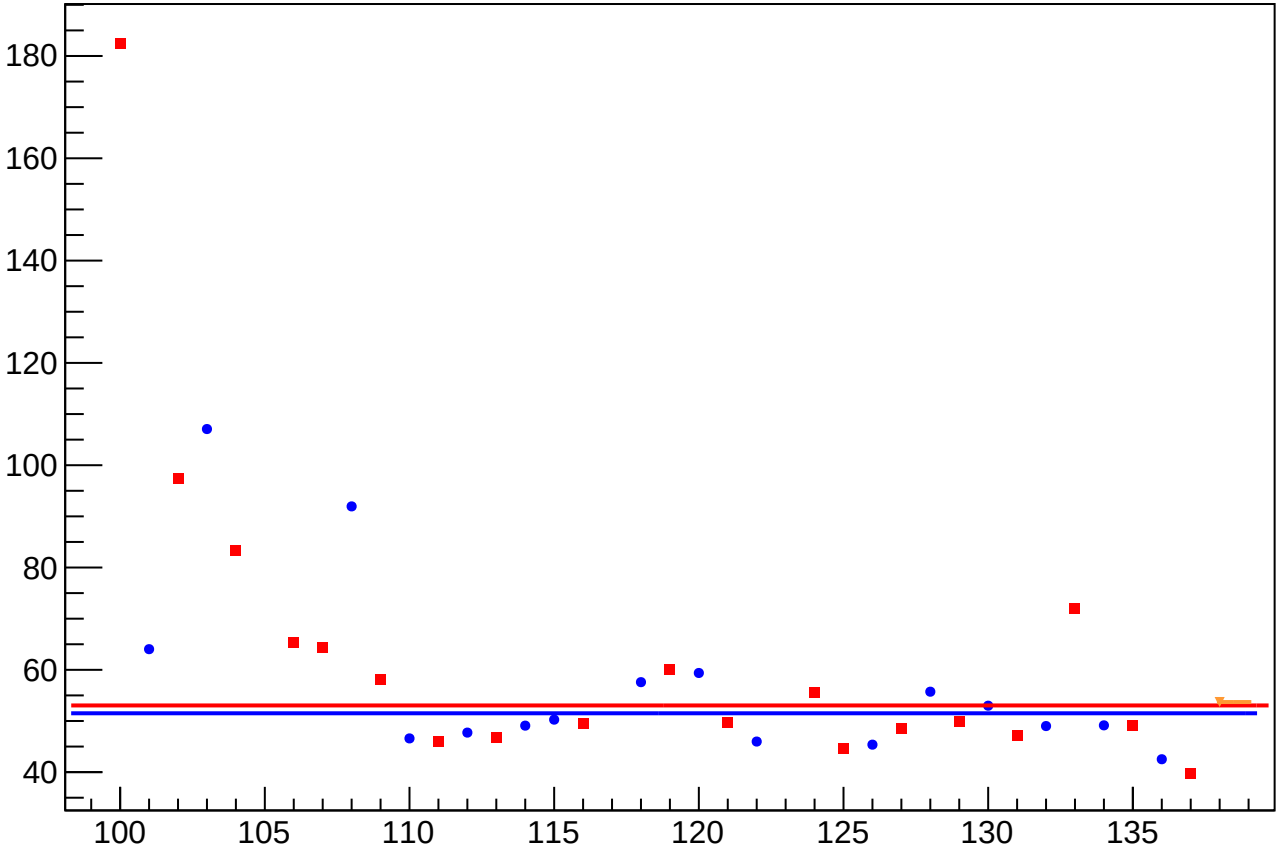
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.052+/-18.884 χ^2/NDF: 17.4/16

All: -21.937+/-13.805 χ^2/NDF: 40.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 51.506+/-0.014 χ^2/NDF: 667064.6/15

Left Out: 53.704+/-0.043 χ^2/NDF:0.0/0

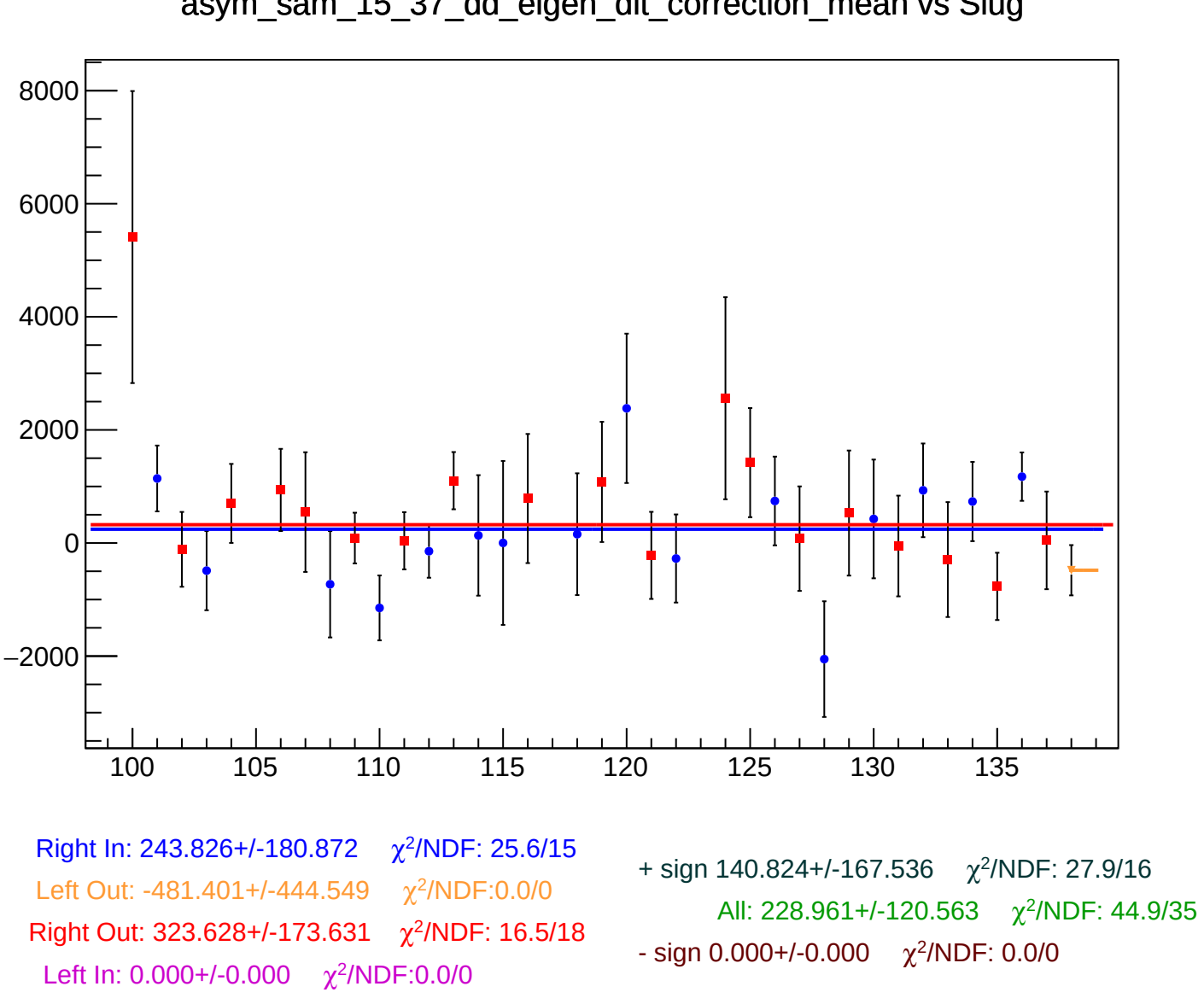
Right Out: 53.037+/-0.014 χ^2/NDF: 712918.4/18

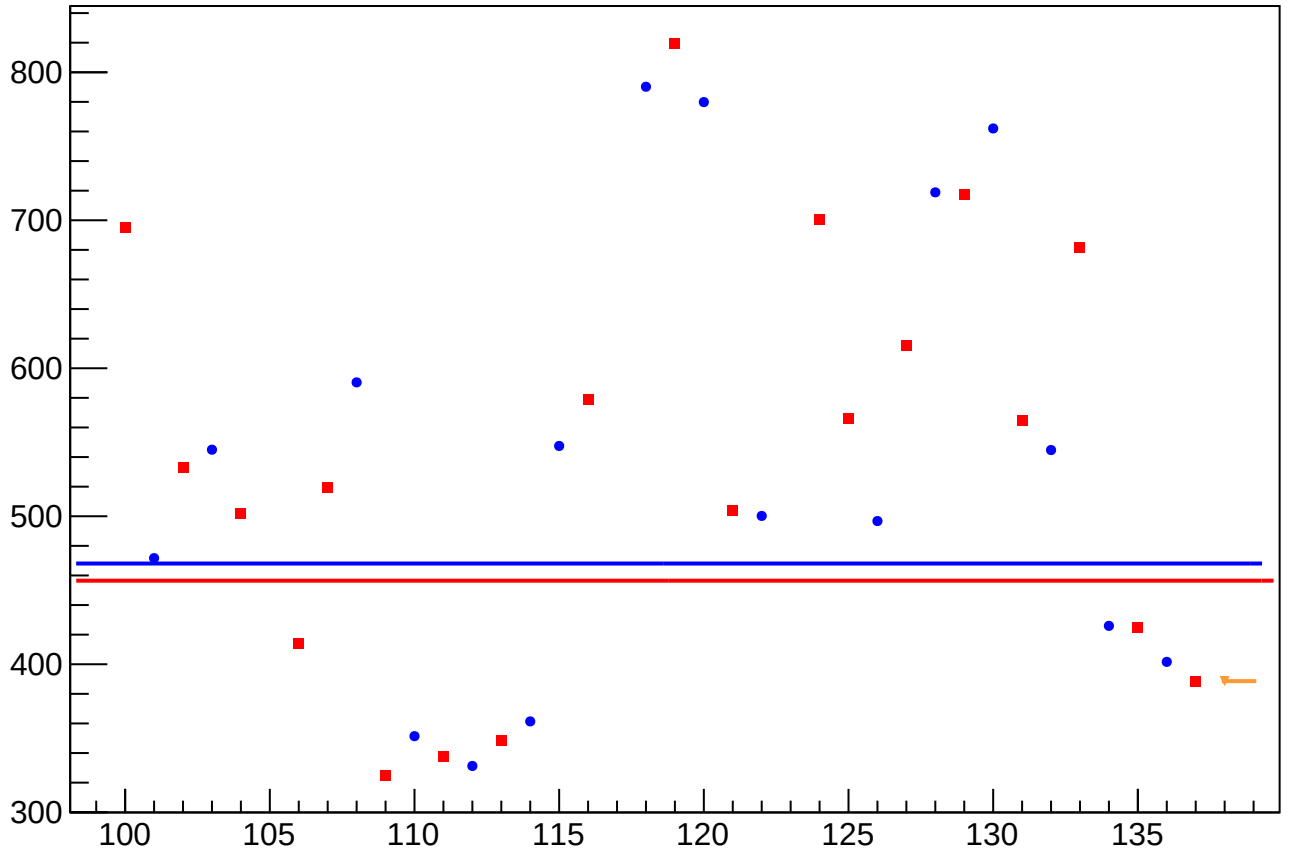
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 51.714+/-0.013 χ^2/NDF: 669392.9/16

All: 52.330+/-0.010 χ^2/NDF: 1386882.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug
8000
6000
4000
2000
0
−2000
100
105
110
115
120
125
130
135
Right In: 243.826+/-180.872 χ²/NDF: 25.6/15
Left Out: -481.401+/-444.549 χ²/NDF:0.0/0
Right Out: 323.628+/-173.631 χ²/NDF: 16.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 140.824+/-167.536 χ²/NDF: 27.9/16
All: 228.961+/-120.563 χ²/NDF: 44.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 468.065+/-0.128 χ^2/NDF: 982915.8/15

Left Out: 388.593+/-0.314 χ^2/NDF:0.0/0

Right Out: 456.467+/-0.123 χ^2/NDF: 1082565.2/18

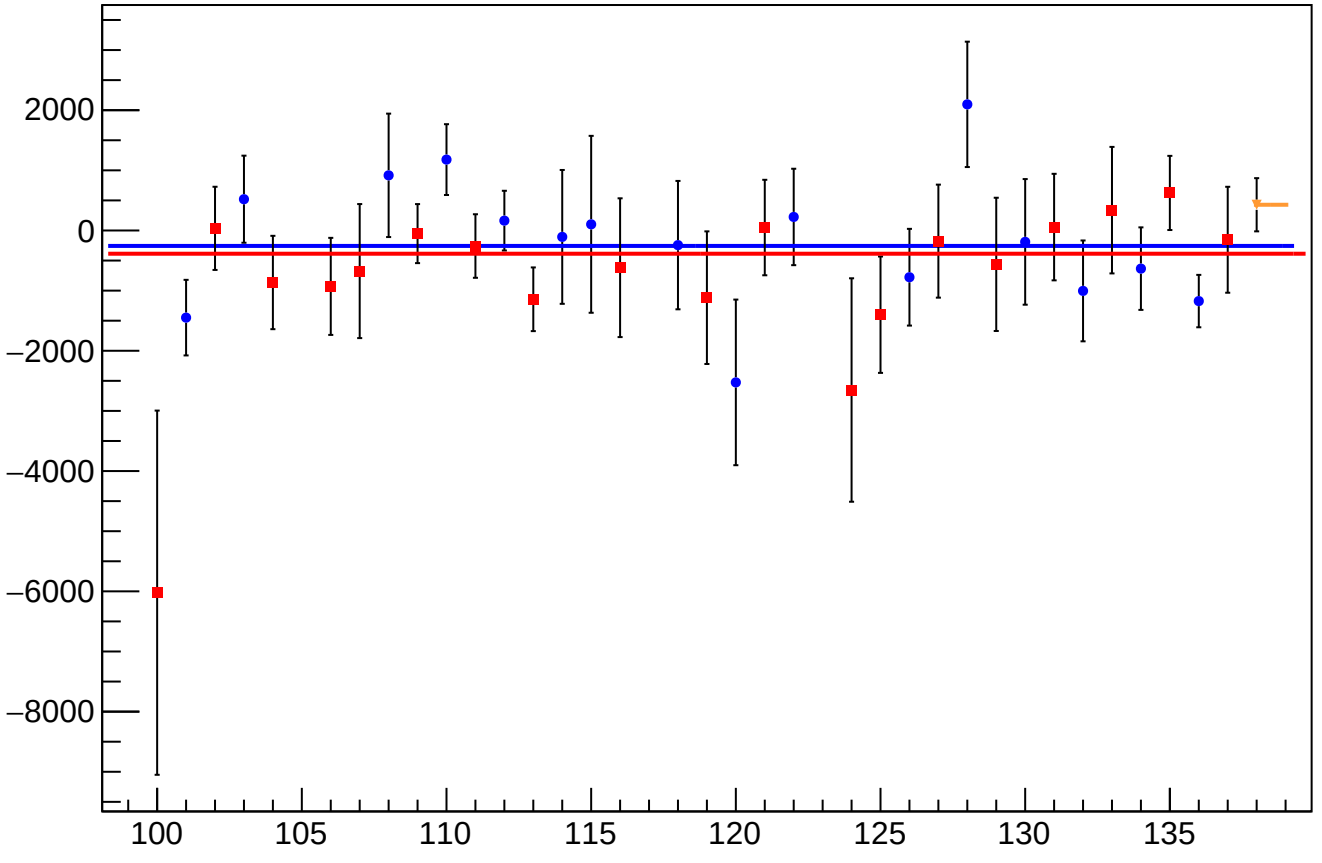
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 456.778+/-0.118 χ^2/NDF: 1037754.4/16

All: 456.628+/-0.085 χ^2/NDF: 2120323.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: -256.748+/-186.462 χ^2/NDF: 26.9/15

Left Out: 427.704+/-442.236 χ^2/NDF:0.0/0

Right Out: -386.449+/-182.363 χ^2/NDF: 14.2/18

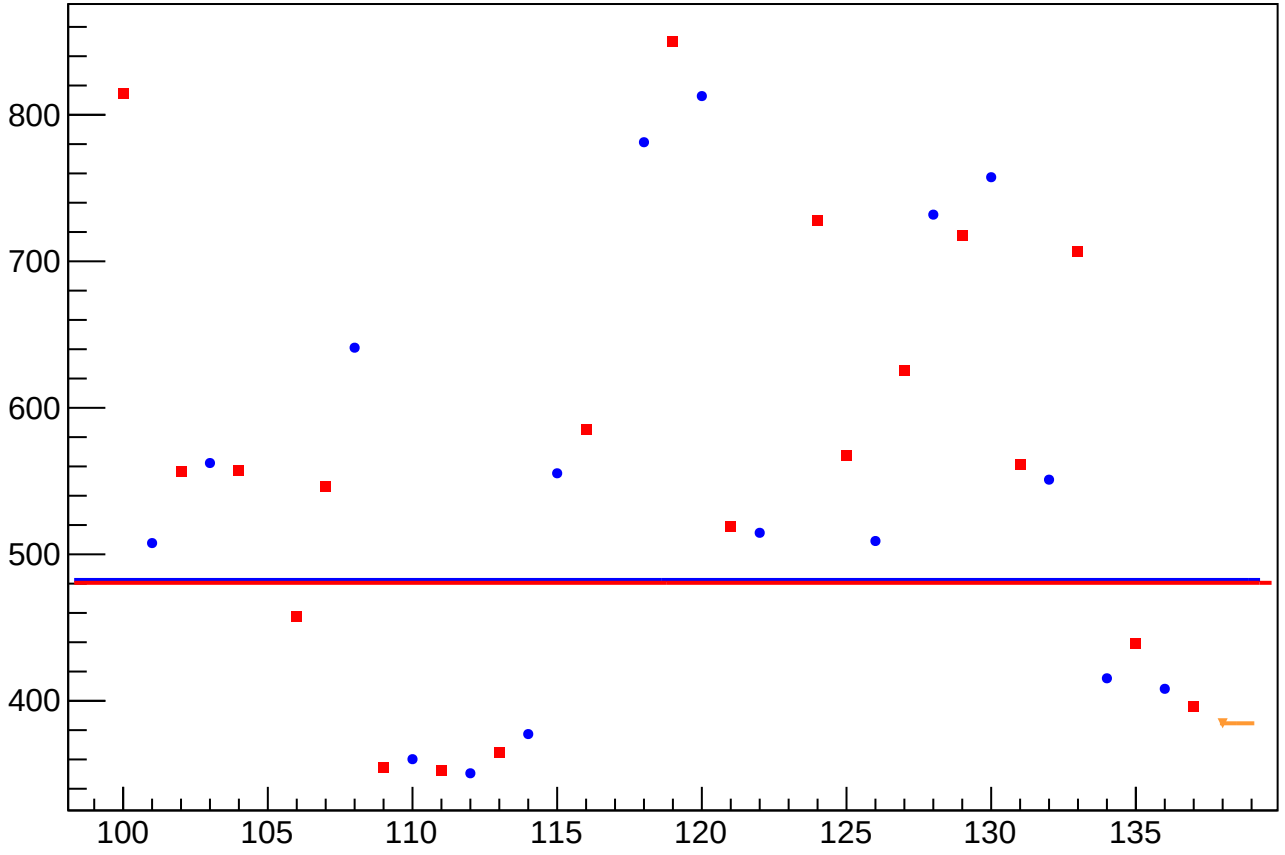
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -153.436+/-171.814 χ^2/NDF: 29.0/16

All: -263.008+/-125.054 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 482.512+/-0.132 χ^2/NDF: 946526.1/15

Left Out: 384.670+/-0.313 χ^2/NDF:0.0/0

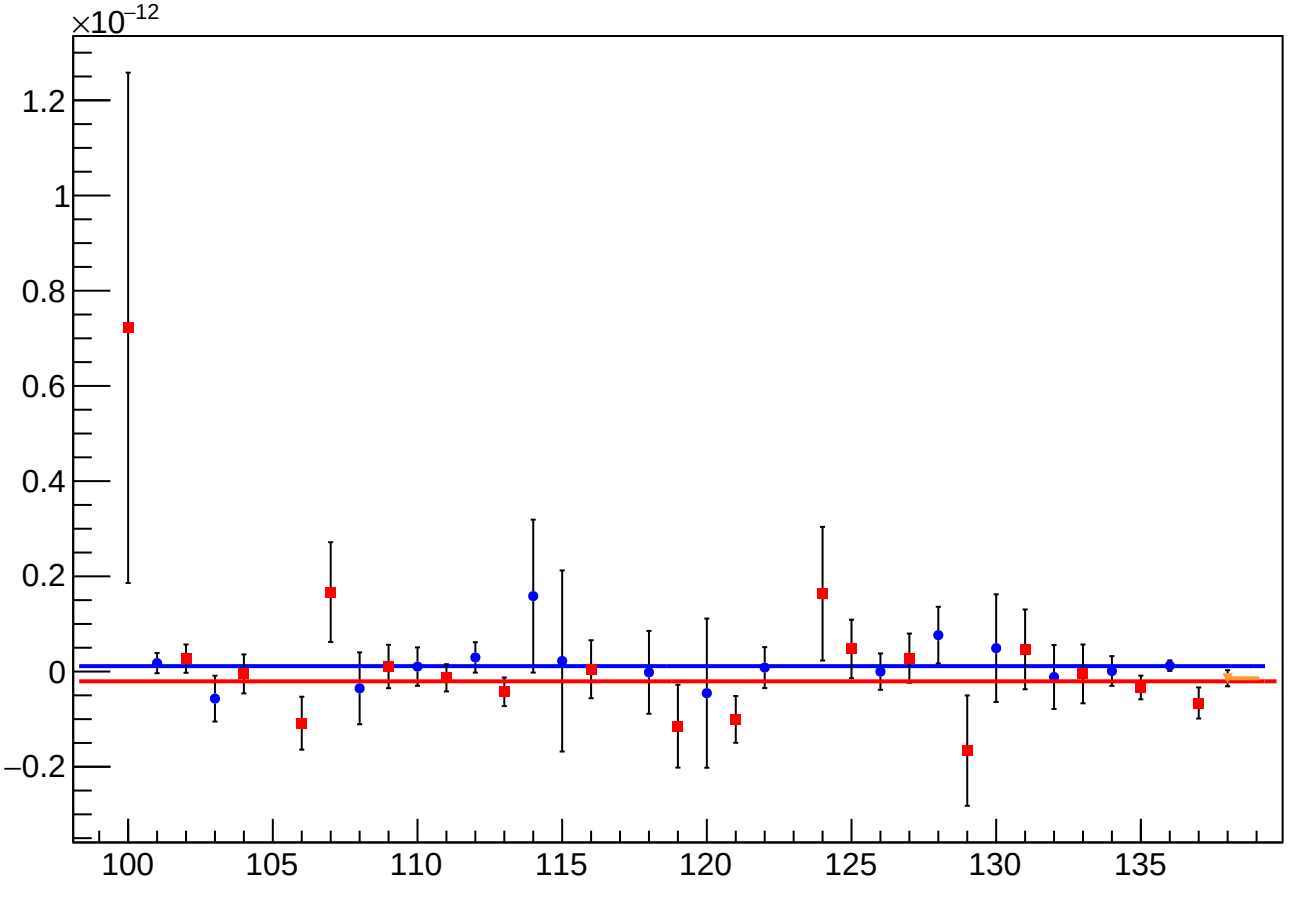
Right Out: 480.559+/-0.129 χ^2/NDF: 993796.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 467.744+/-0.121 χ^2/NDF: 1029647.4/16

All: 473.770+/-0.088 χ^2/NDF: 2028676.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 5.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

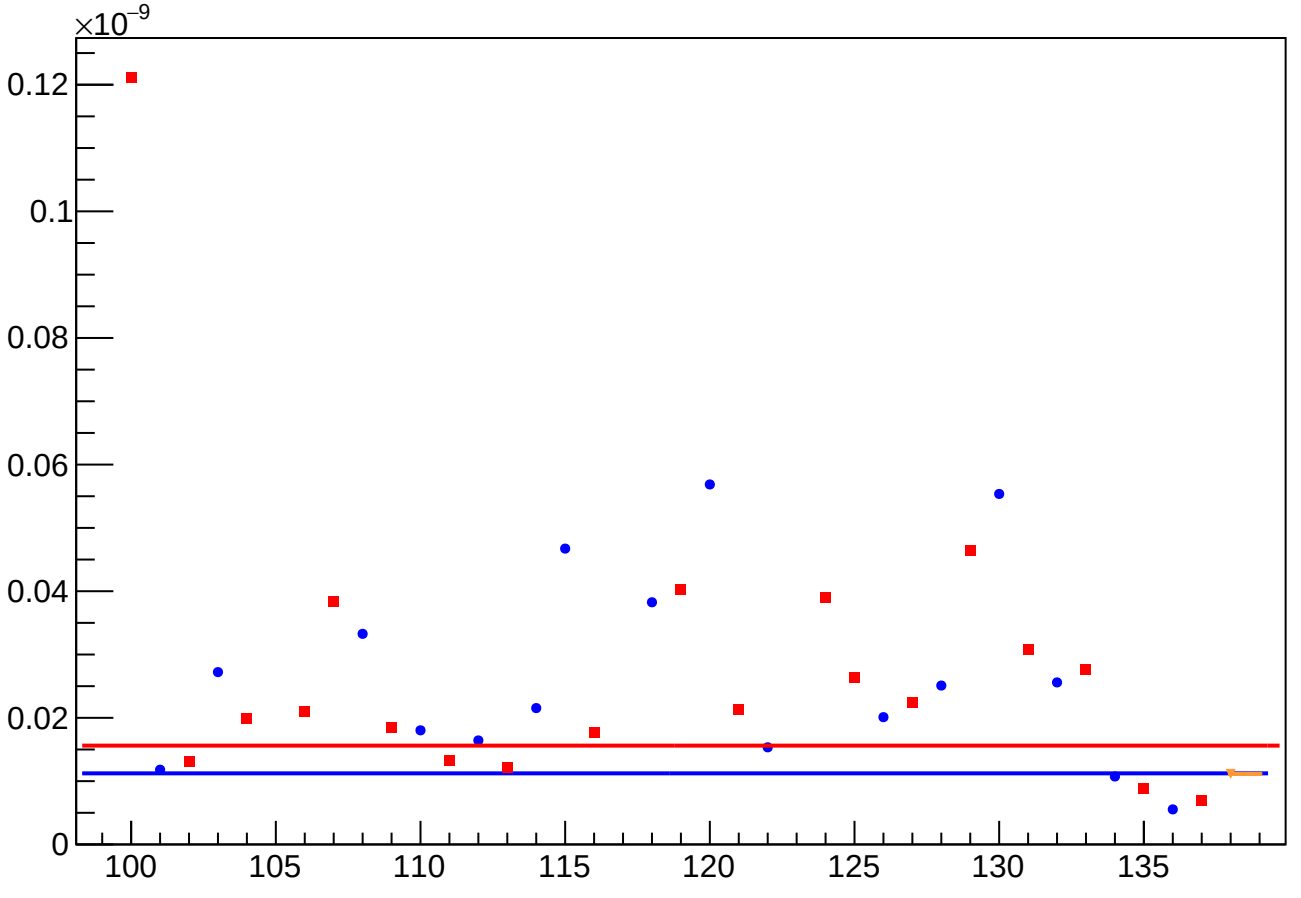
Right Out: -0.000+/-0.000 χ^2/NDF: 23.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 7.3/16

All: -0.000+/-0.000 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2103068.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1184320.2/18

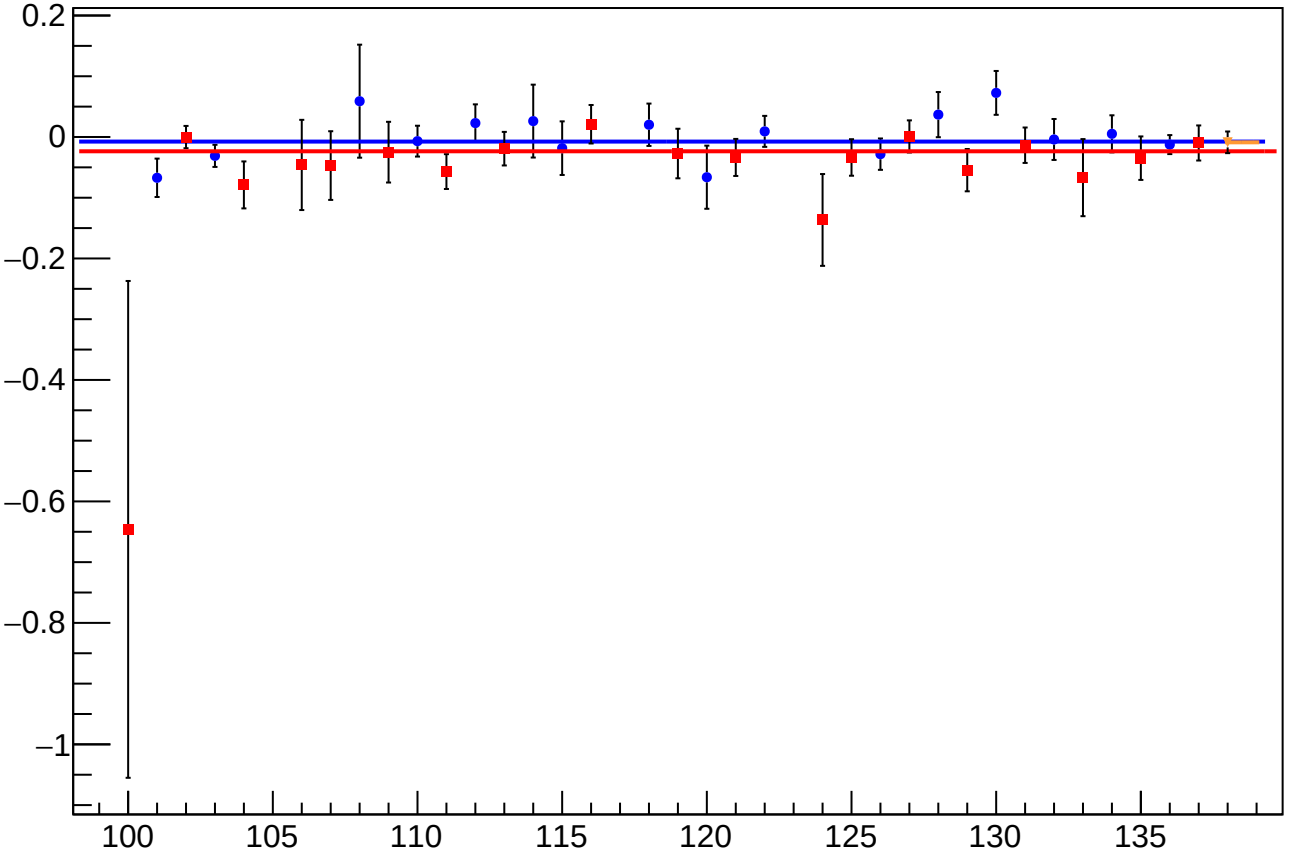
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2103118.4/16

All: 0.000+/-0.000 χ^2/NDF: 3532917.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.008+/-0.007 χ^2/NDF: 16.7/15

Left Out: -0.009+/-0.018 χ^2/NDF:0.0/0

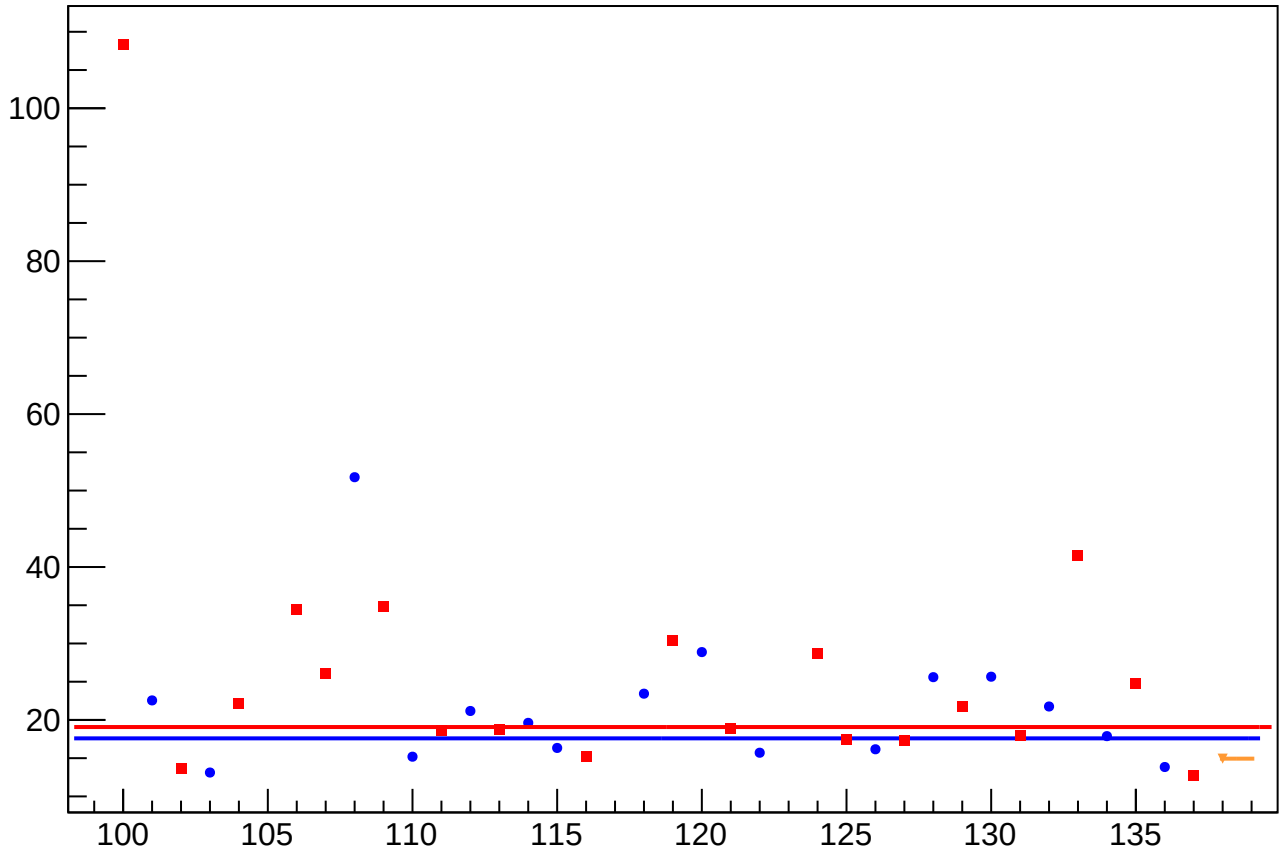
Right Out: -0.024+/-0.008 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.007 χ^2/NDF: 16.7/16

All: -0.014+/-0.005 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17.591+/-0.005 χ^2/NDF: 993249.5/15

Left Out: 14.937+/-0.013 χ^2/NDF:0.0/0

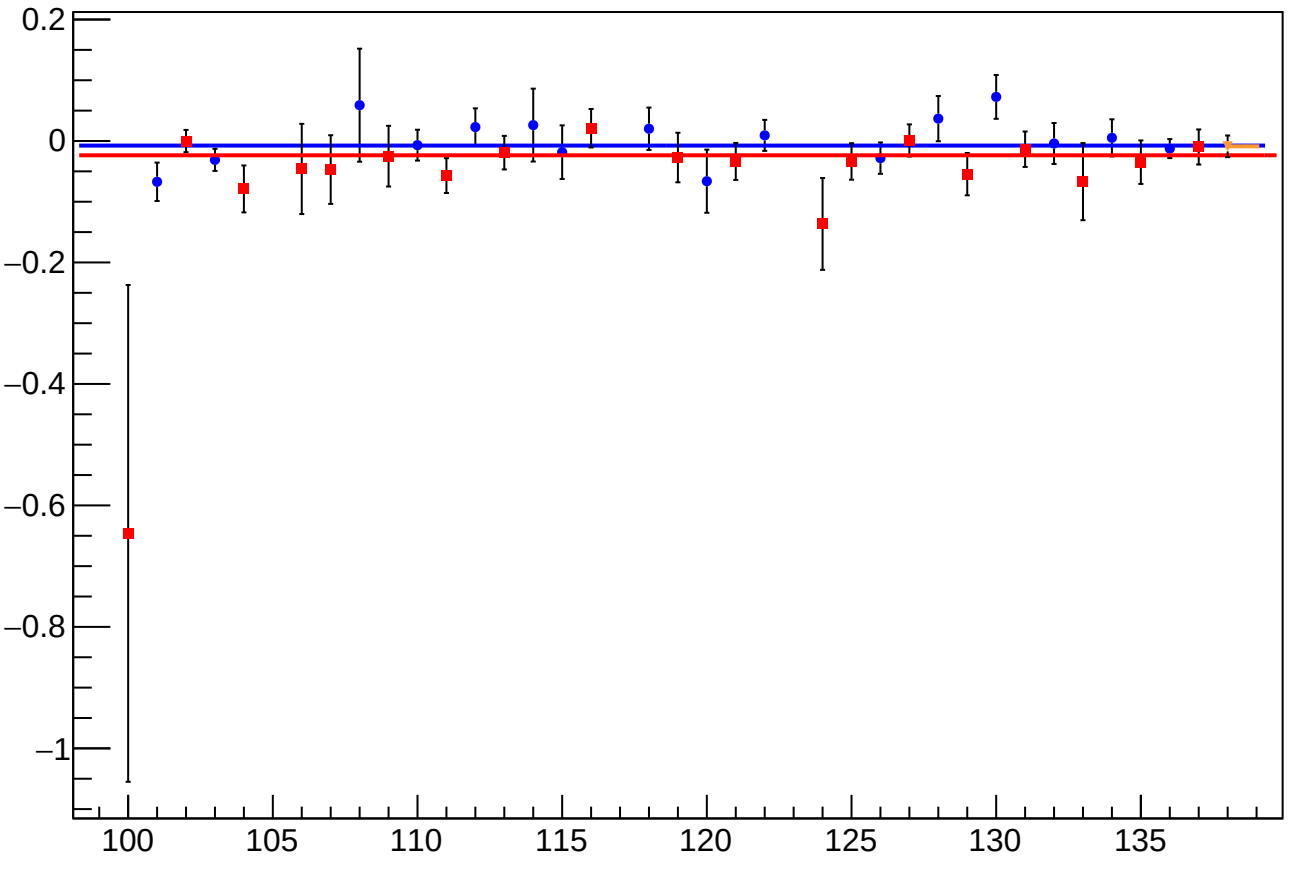
Right Out: 19.072+/-0.005 χ^2/NDF: 1247983.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.219+/-0.005 χ^2/NDF: 1031378.3/16

All: 18.009+/-0.004 χ^2/NDF: 2345064.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.008+/-0.007 χ^2/NDF: 16.7/15

Left Out: -0.009+/-0.018 χ^2/NDF:0.0/0

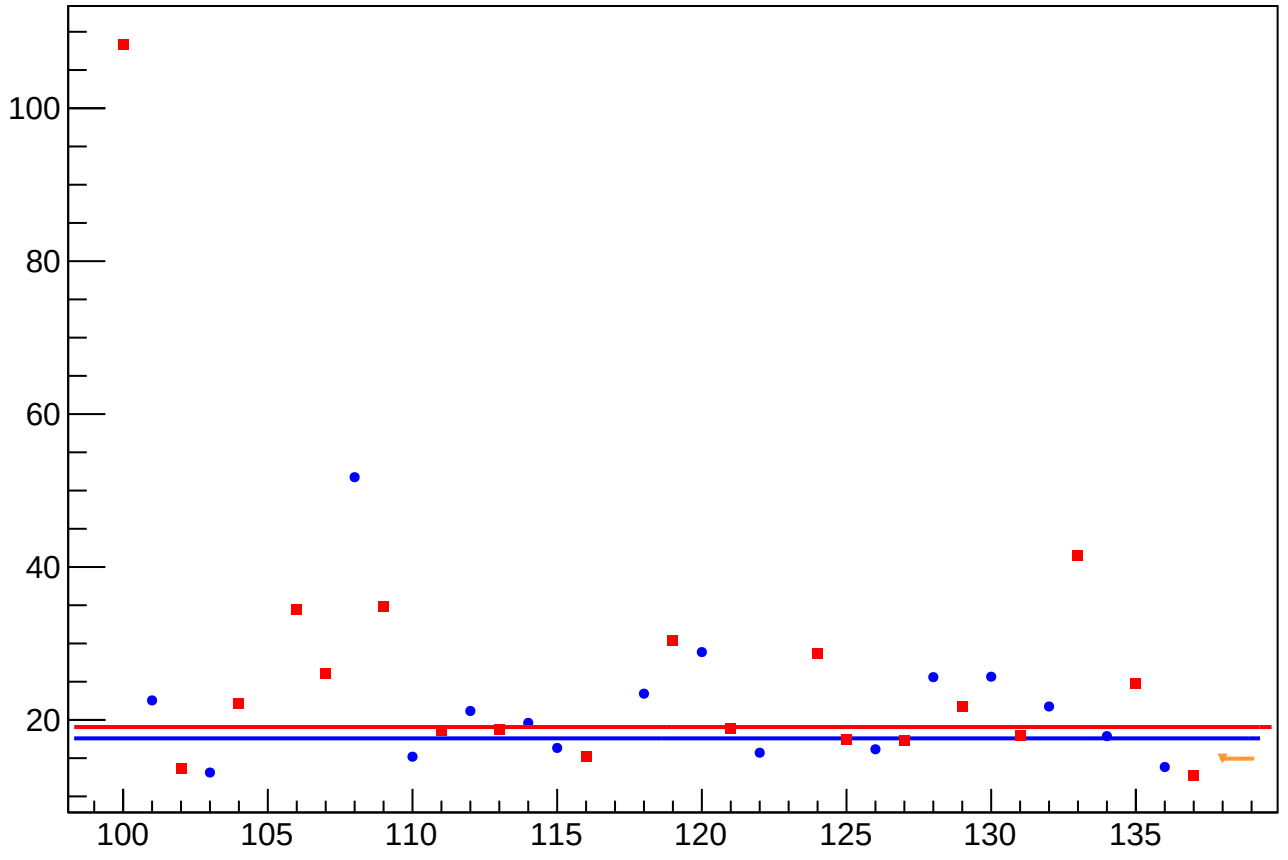
Right Out: -0.024+/-0.008 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.007 χ^2/NDF: 16.7/16

All: -0.014+/-0.005 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17.591+/-0.005 χ^2/NDF: 993249.5/15

Left Out: 14.937+/-0.013 χ^2/NDF:0.0/0

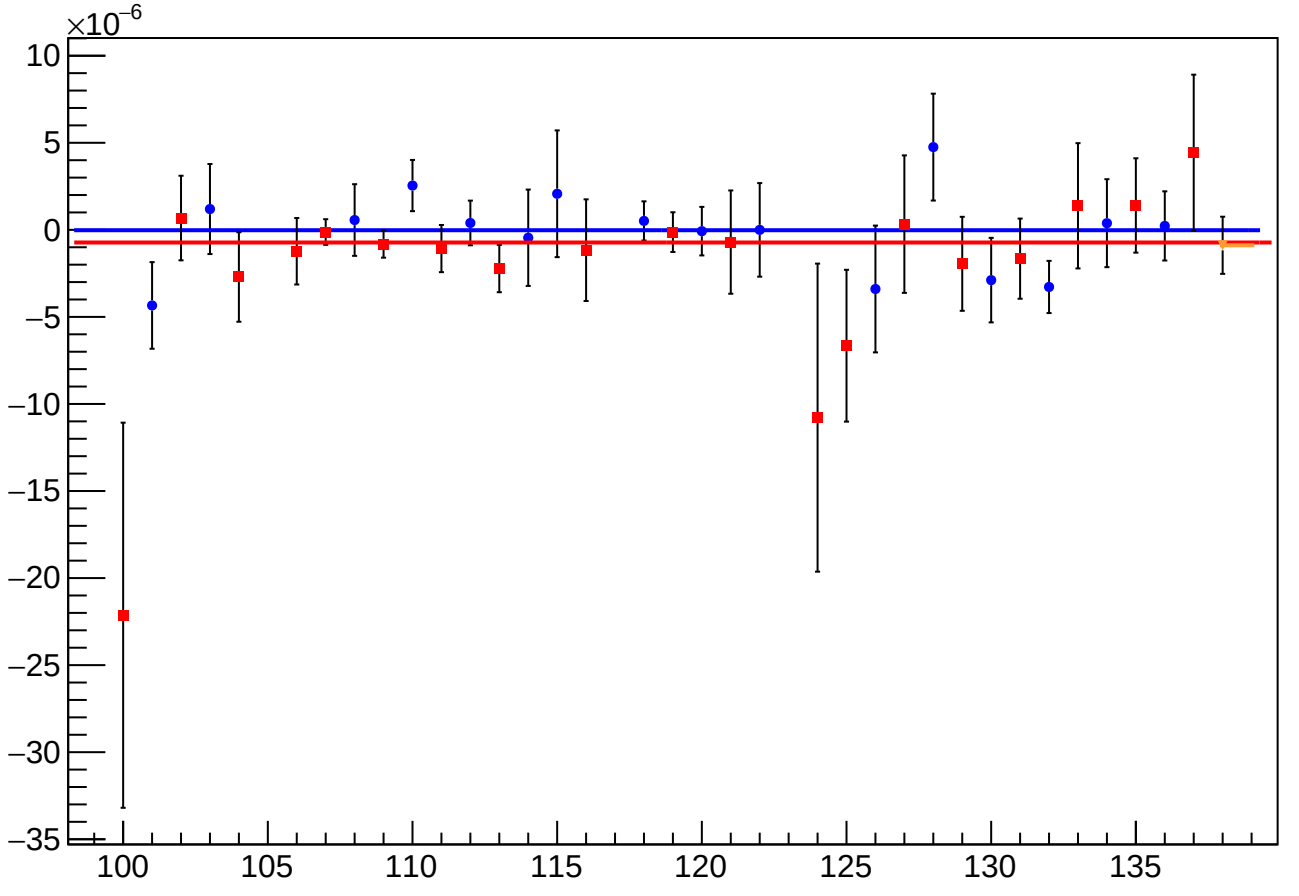
Right Out: 19.072+/-0.005 χ^2/NDF: 1247983.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.219+/-0.005 χ^2/NDF: 1031378.3/16

All: 18.009+/-0.004 χ^2/NDF: 2345064.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

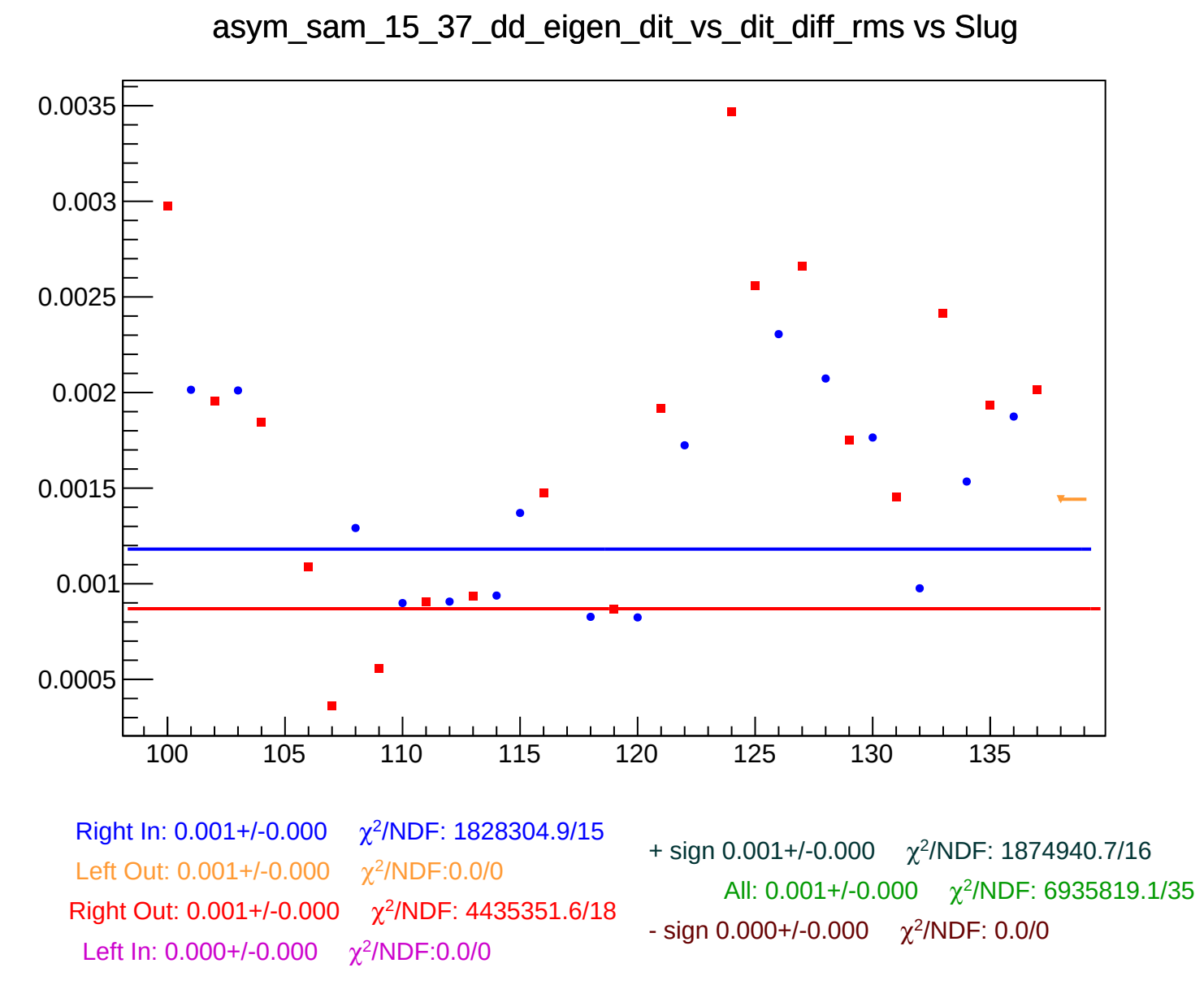
Right Out: -0.000+/-0.000 χ^2/NDF: 12.9/18

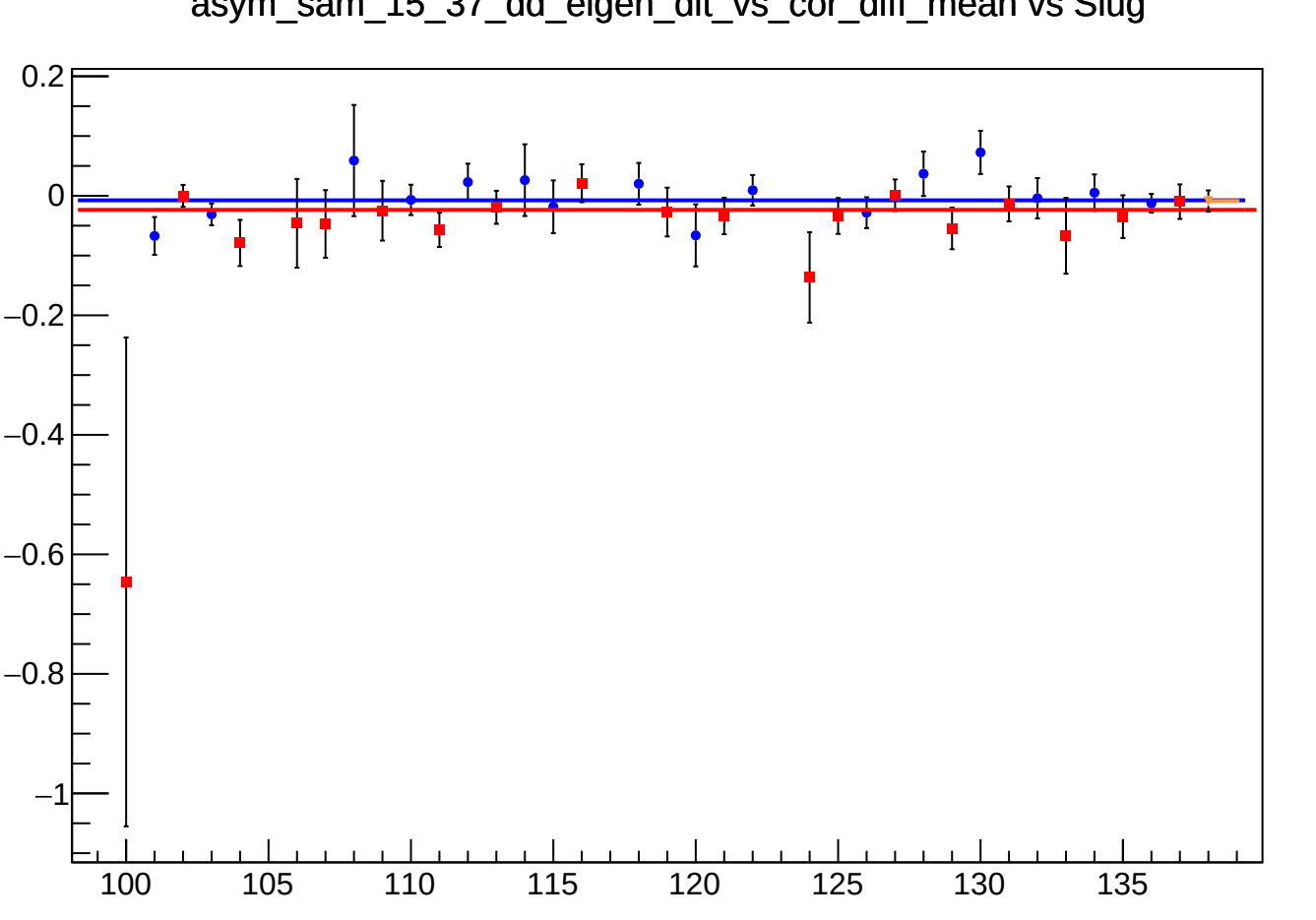
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 16.7/16

All: -0.000+/-0.000 χ^2/NDF: 30.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
100
105
110
115
120
125
130
135
Right In: 0.001+/-0.000 χ²/NDF: 1828304.9/15
Left Out: 0.001+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 4435351.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.001+/-0.000 χ²/NDF: 1874940.7/16
All: 0.001+/-0.000 χ²/NDF: 6935819.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.008+/-0.007 χ^2/NDF: 16.7/15

Left Out: -0.009+/-0.018 χ^2/NDF:0.0/0

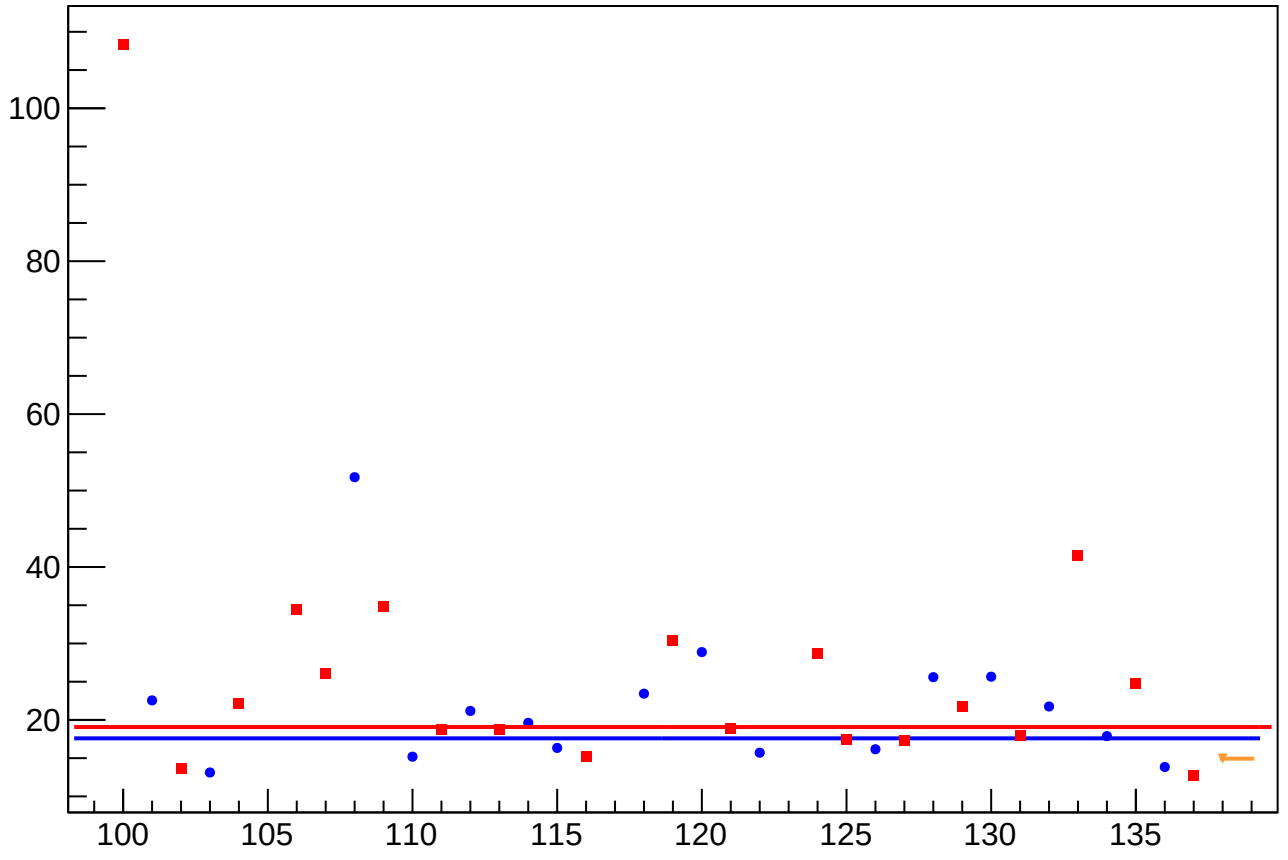
Right Out: -0.024+/-0.008 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.007 χ^2/NDF: 16.7/16

All: -0.014+/-0.005 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17.591+/-0.005 χ^2/NDF: 993288.6/15

Left Out: 14.937+/-0.013 χ^2/NDF:0.0/0

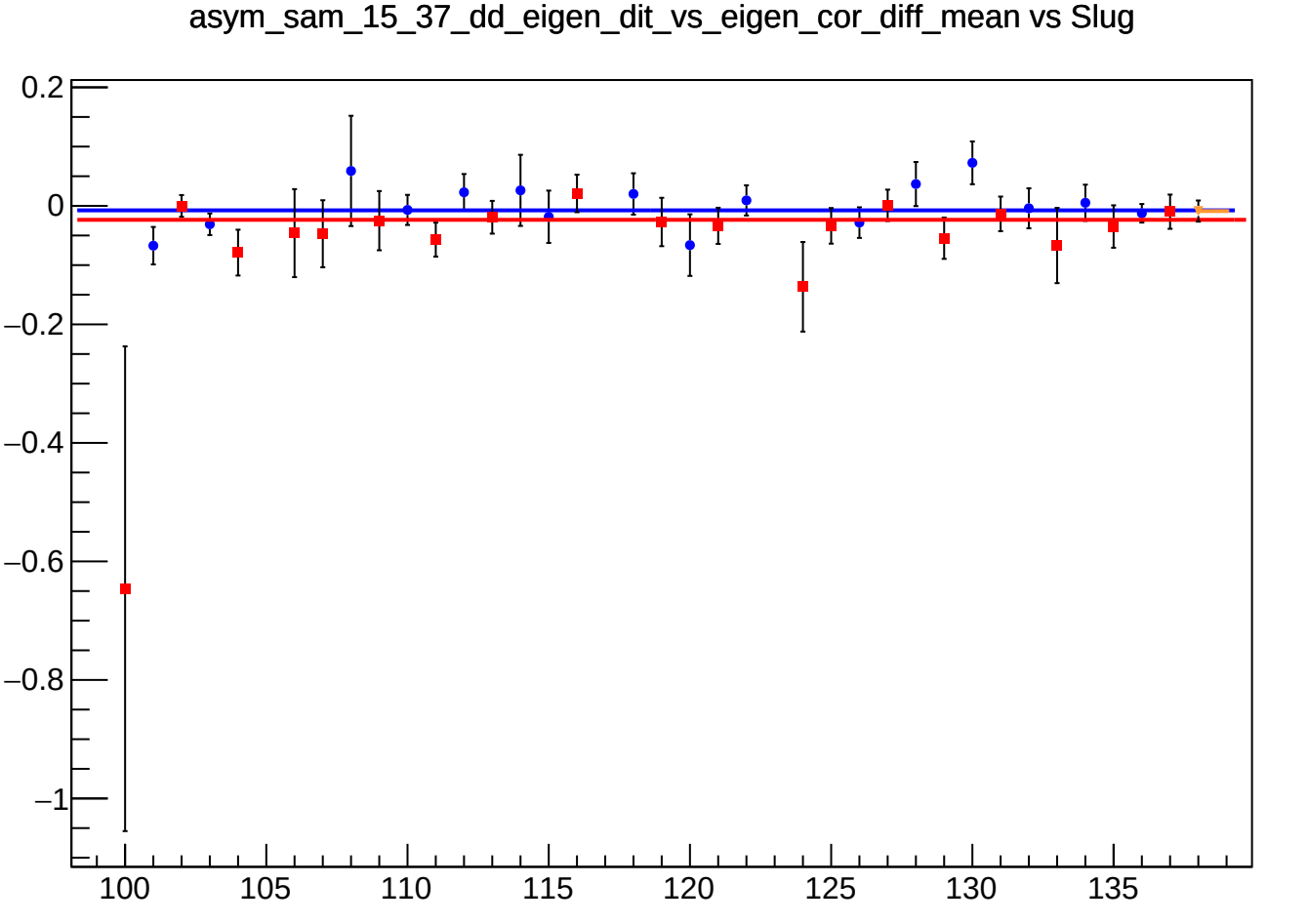
Right Out: 19.072+/-0.005 χ^2/NDF: 1247904.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.219+/-0.005 χ^2/NDF: 1031415.7/16

All: 18.009+/-0.004 χ^2/NDF: 2345042.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.008+/-0.007 χ^2/NDF: 16.7/15

Left Out: -0.009+/-0.018 χ^2/NDF:0.0/0

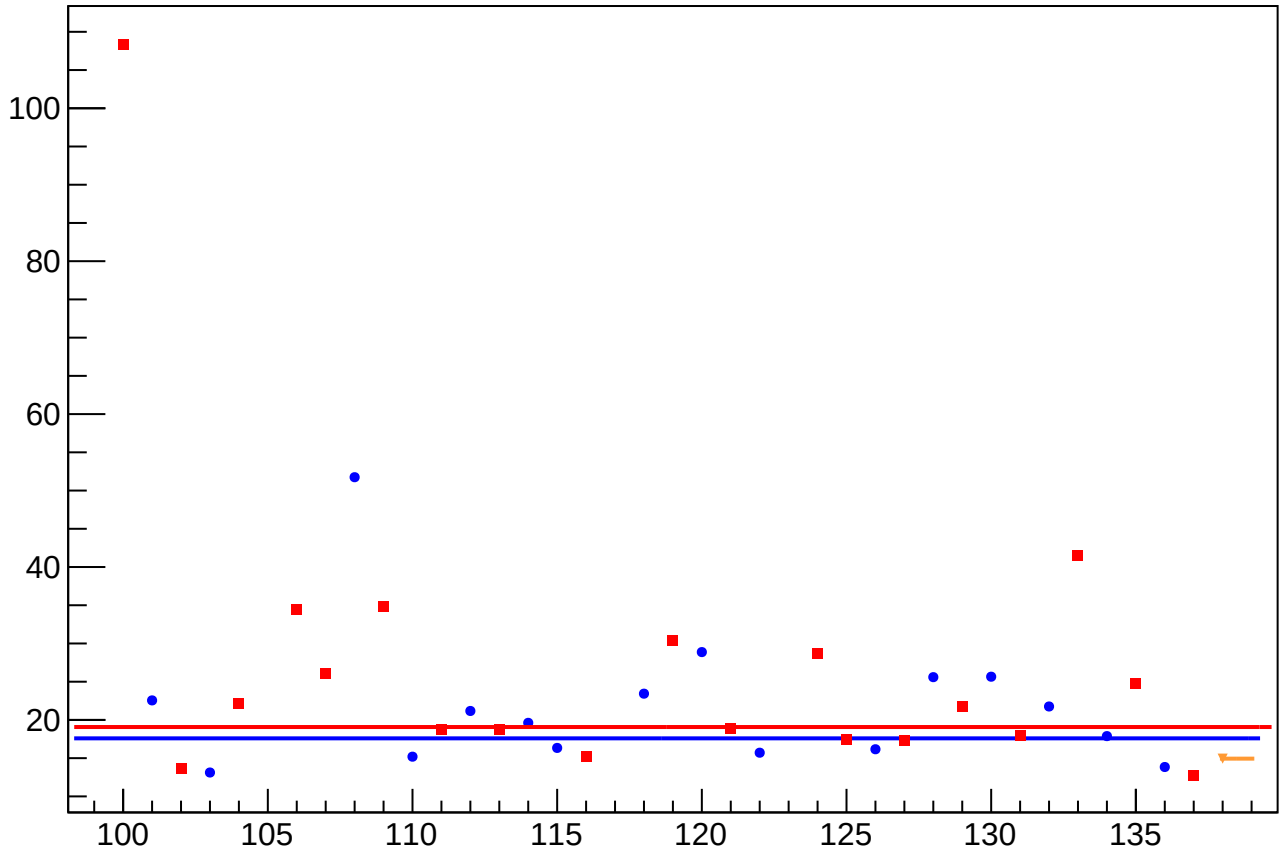
Right Out: -0.024+/-0.008 χ^2/NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.008+/-0.007 χ^2/NDF: 16.7/16

All: -0.014+/-0.005 χ^2/NDF: 33.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 17.591+/-0.005 χ^2/NDF: 993288.6/15

Left Out: 14.937+/-0.013 χ^2/NDF:0.0/0

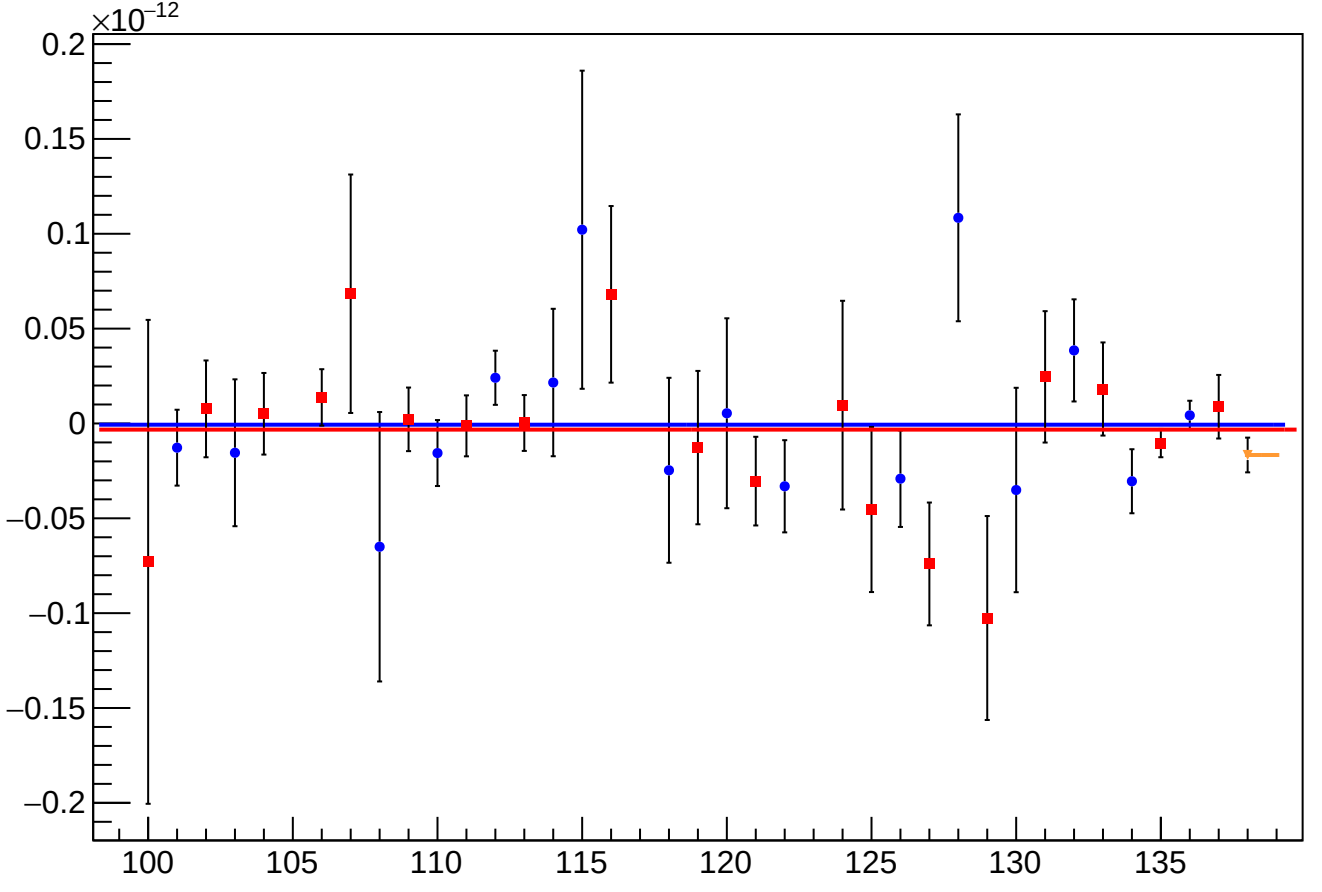
Right Out: 19.072+/-0.005 χ^2/NDF: 1247904.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.219+/-0.005 χ^2/NDF: 1031415.7/16

All: 18.009+/-0.004 χ^2/NDF: 2345042.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 20.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

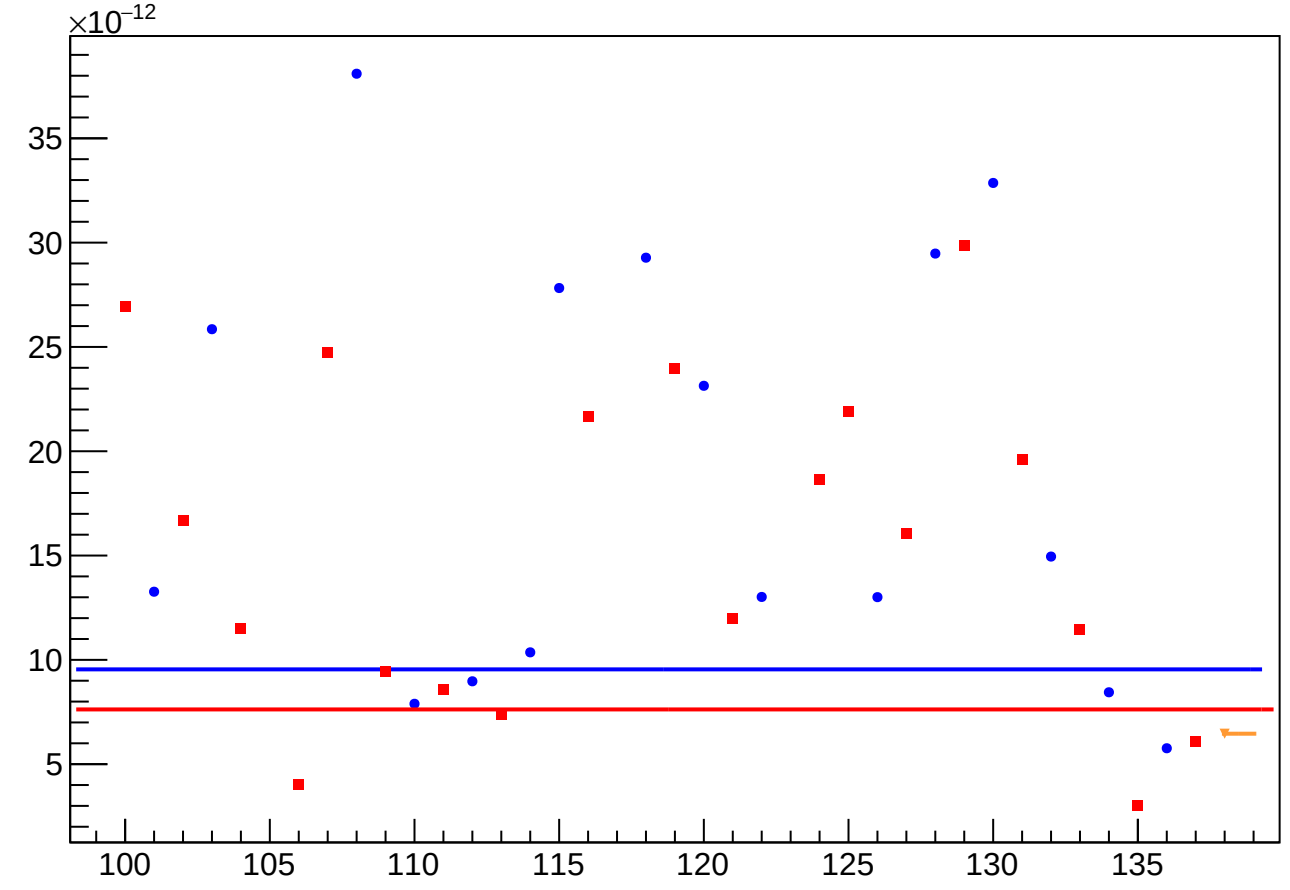
Right Out: -0.000+/-0.000 χ^2/NDF: 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.6/16

All: -0.000+/-0.000 χ^2/NDF: 41.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2632531.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3086000.4/18

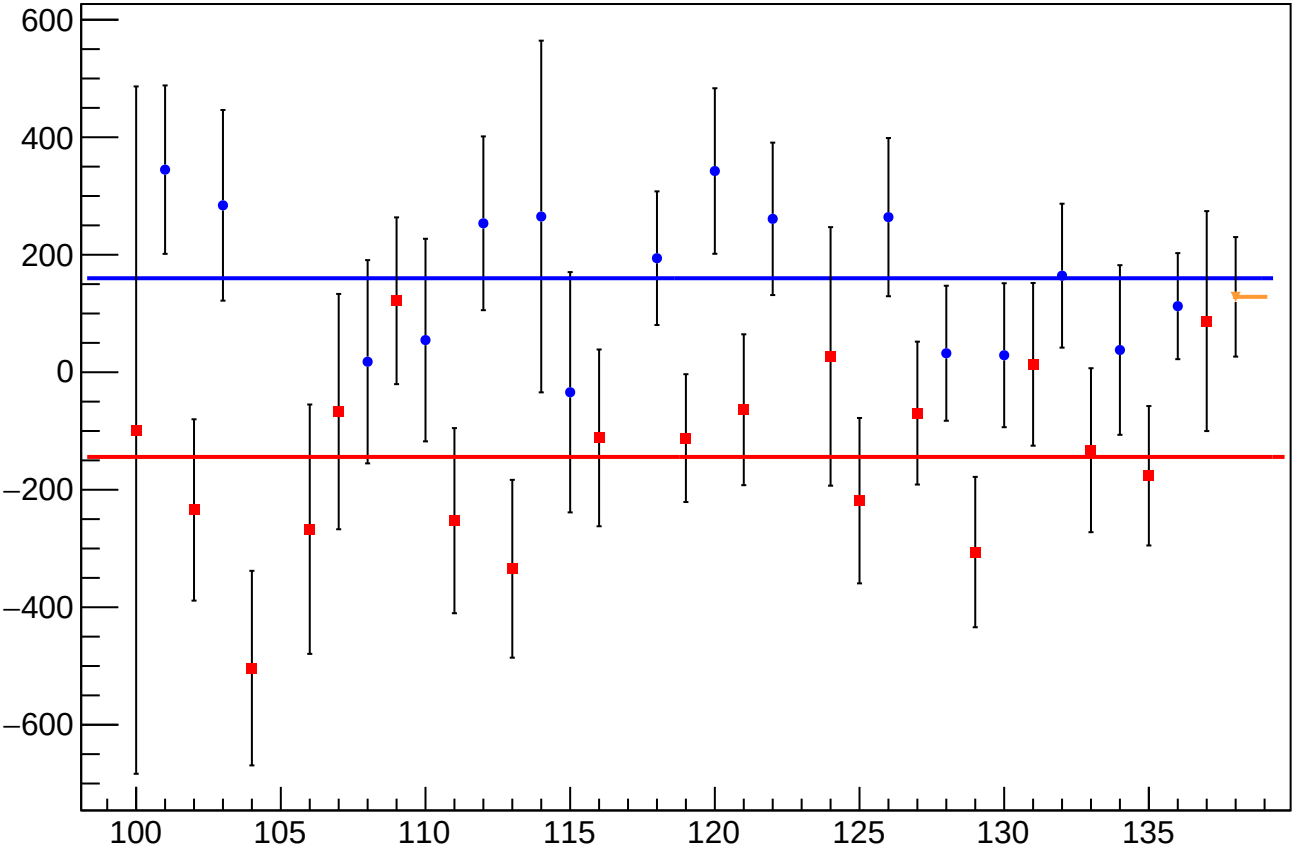
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2806241.6/16

All: 0.000+/-0.000 χ^2/NDF: 5964314.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 160.024+/-34.170 χ^2/NDF: 11.1/15

Left Out: 128.360+/-101.731 χ^2/NDF:0.0/0

Right Out: -144.117+/-34.213 χ^2/NDF: 17.4/18

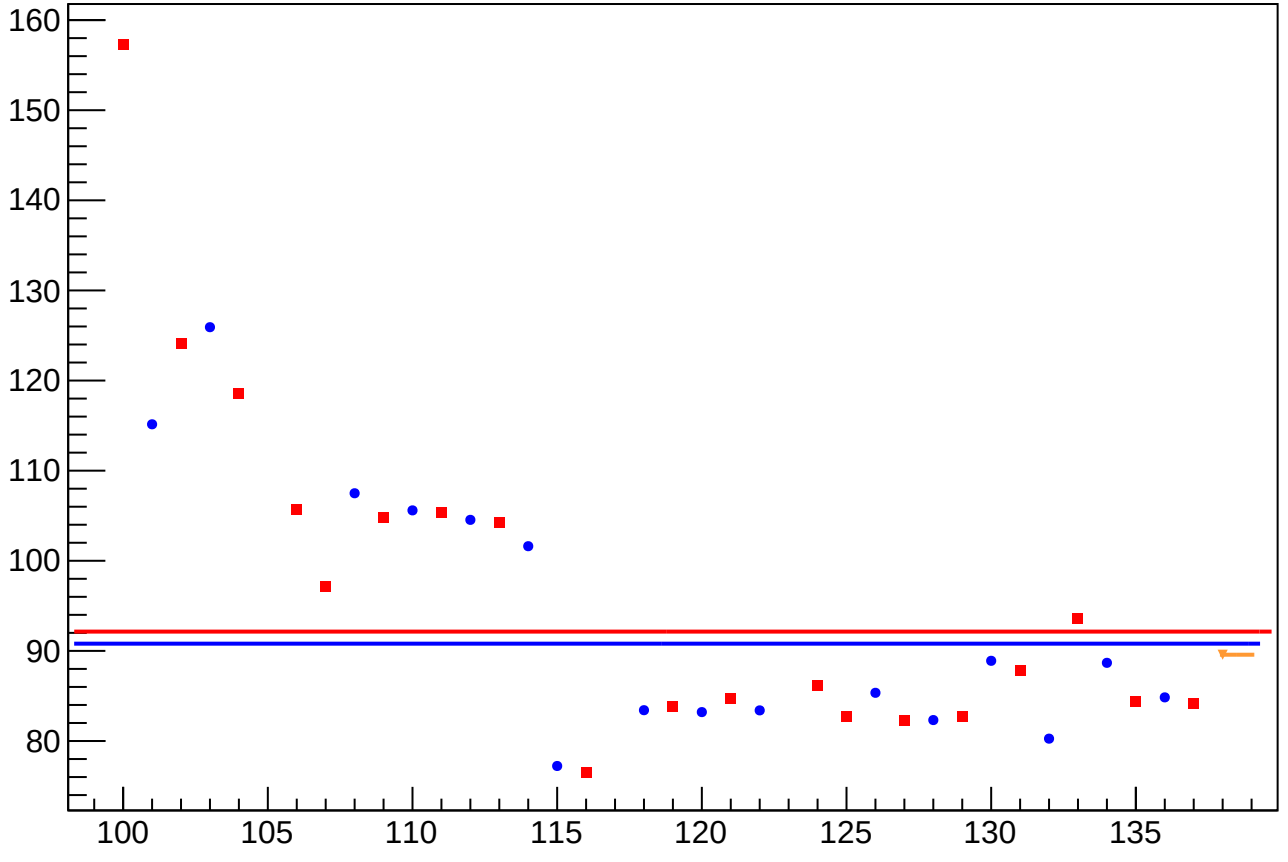
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 156.814+/-32.391 χ^2/NDF: 11.2/16

All: 14.574+/-23.522 χ^2/NDF: 69.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 90.802+/-0.024 χ^2/NDF: 272755.2/15

Left Out: 89.576+/-0.072 χ^2/NDF:0.0/0

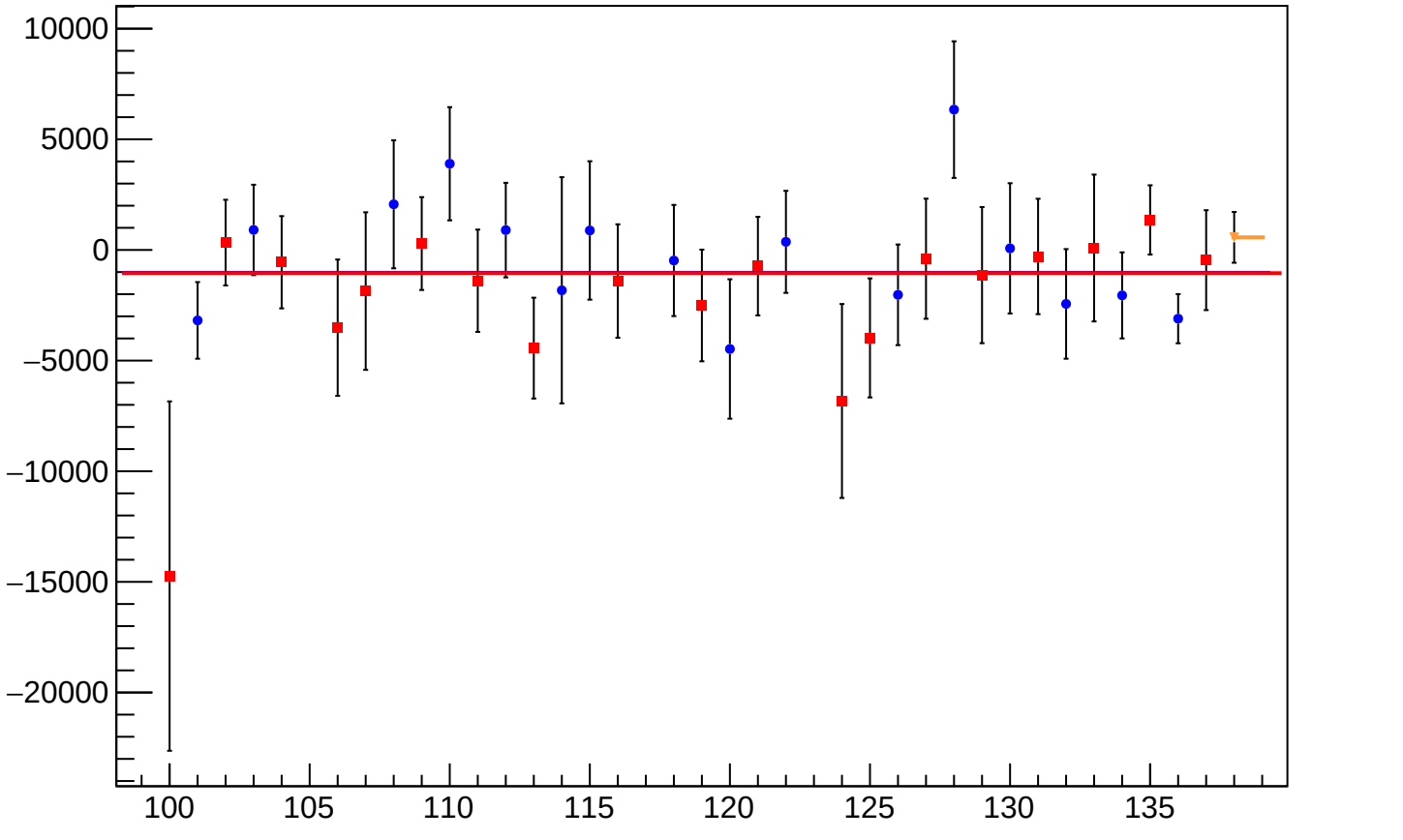
Right Out: 92.141+/-0.024 χ^2/NDF: 302032.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.678+/-0.023 χ^2/NDF: 273016.4/16

All: 91.369+/-0.017 χ^2/NDF: 576979.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1035.032+/-550.207 χ^2/NDF: 20.2/15

Left Out: 569.601+/-1148.203 χ^2/NDF:0.0/0

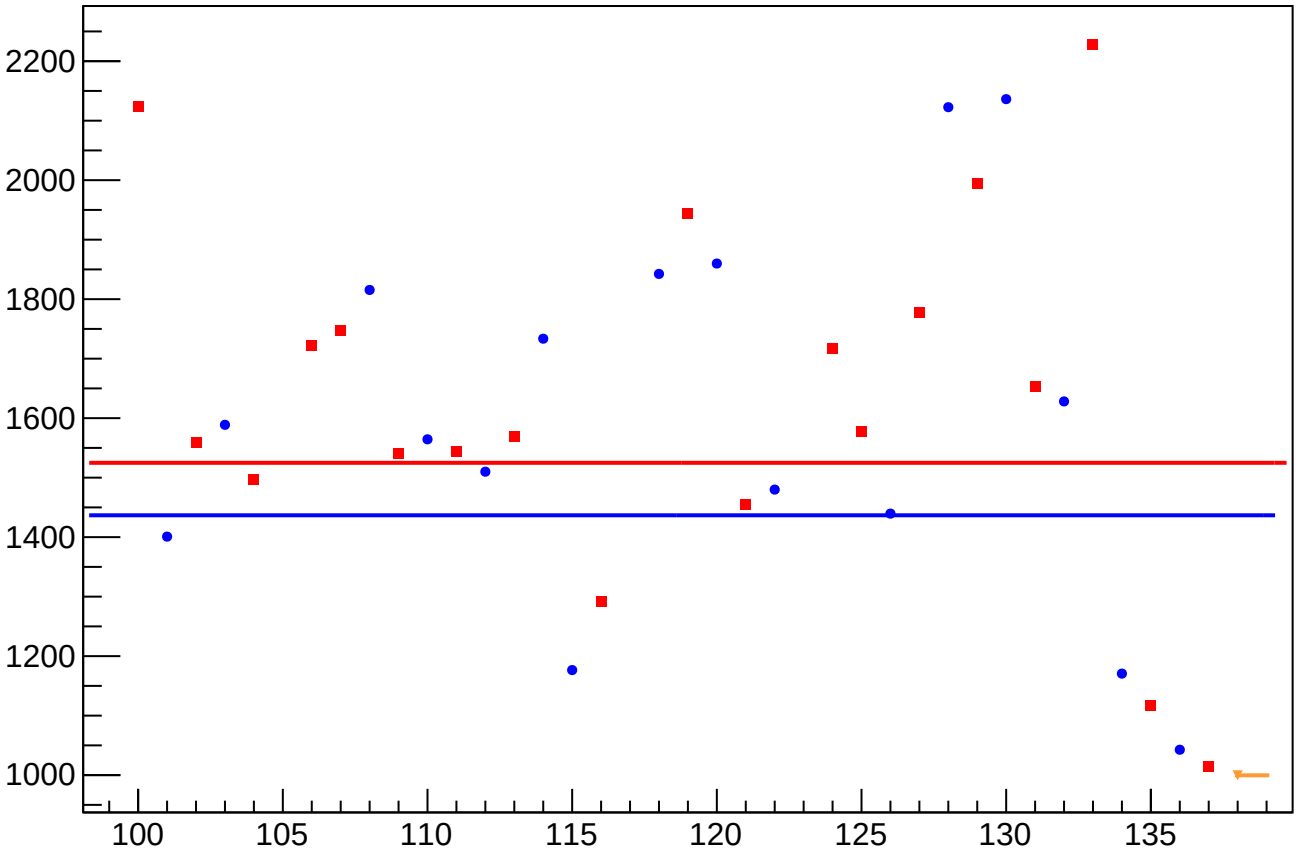
Right Out: -1051.517+/-568.935 χ^2/NDF: 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -735.380+/-496.181 χ^2/NDF: 21.8/16

All: -871.954+/-373.947 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1436.734+/-0.389 χ^2/NDF: 675672.3/15

Left Out: 999.686+/-0.812 χ^2/NDF:0.0/0

Right Out: 1524.955+/-0.402 χ^2/NDF: 504563.9/18

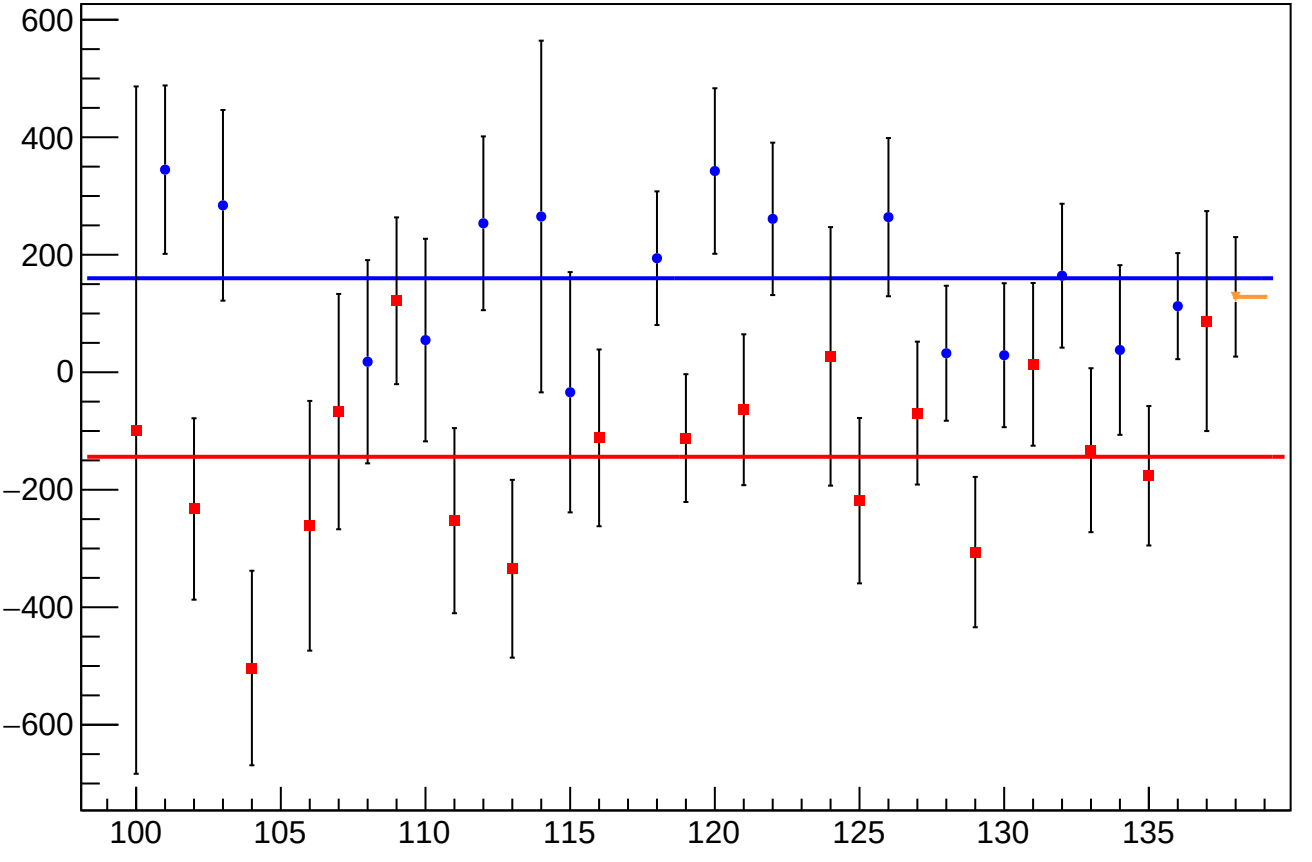
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1355.119+/-0.351 χ^2/NDF: 911329.0/16

All: 1428.490+/-0.264 χ^2/NDF: 1517122.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 160.020+/-34.170 χ^2/NDF: 11.1/15

Left Out: 128.356+/-101.731 χ^2/NDF:0.0/0

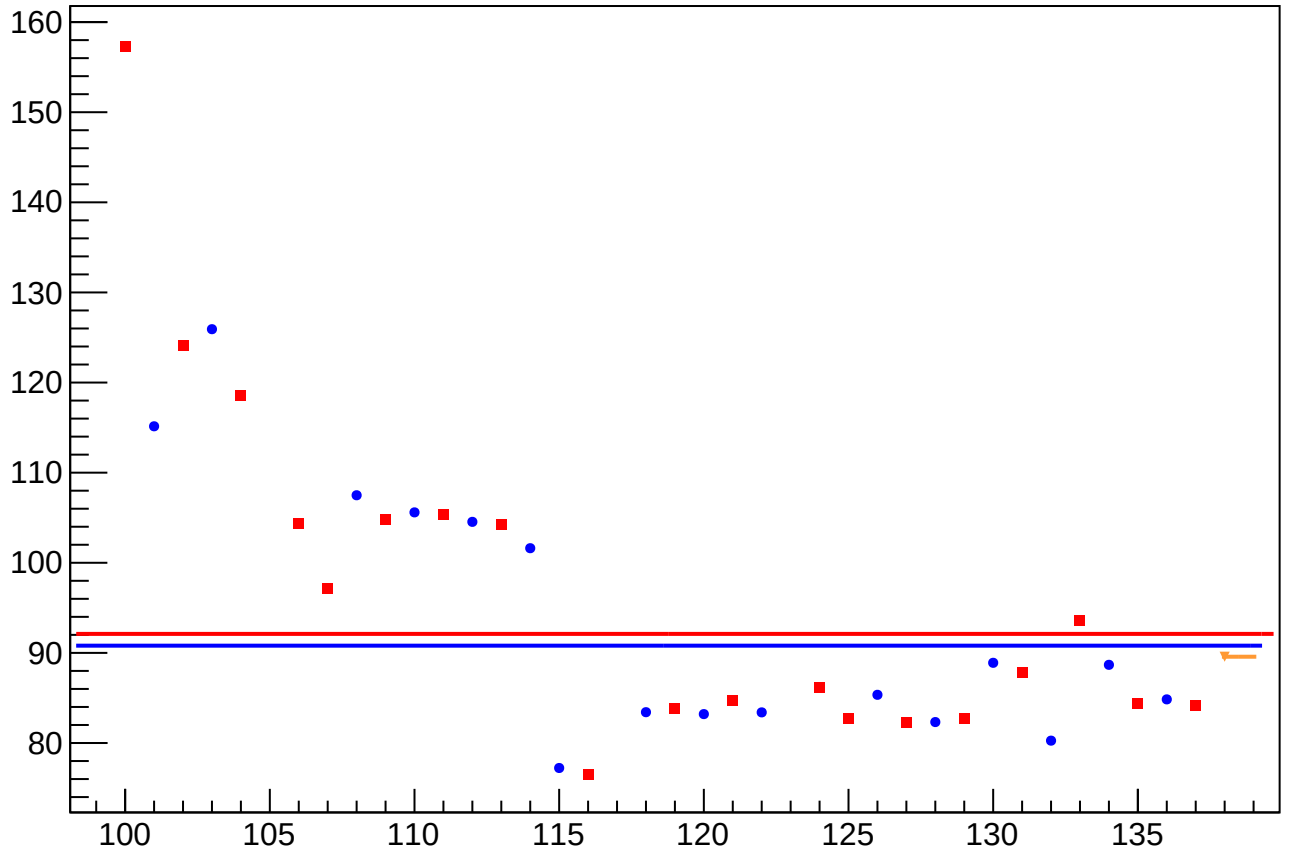
Right Out: -143.862+/-34.216 χ^2/NDF: 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 156.810+/-32.391 χ^2/NDF: 11.2/16

All: 14.702+/-23.523 χ^2/NDF: 69.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 90.802+/-0.024 χ^2/NDF: 272757.0/15

Left Out: 89.576+/-0.072 χ^2/NDF:0.0/0

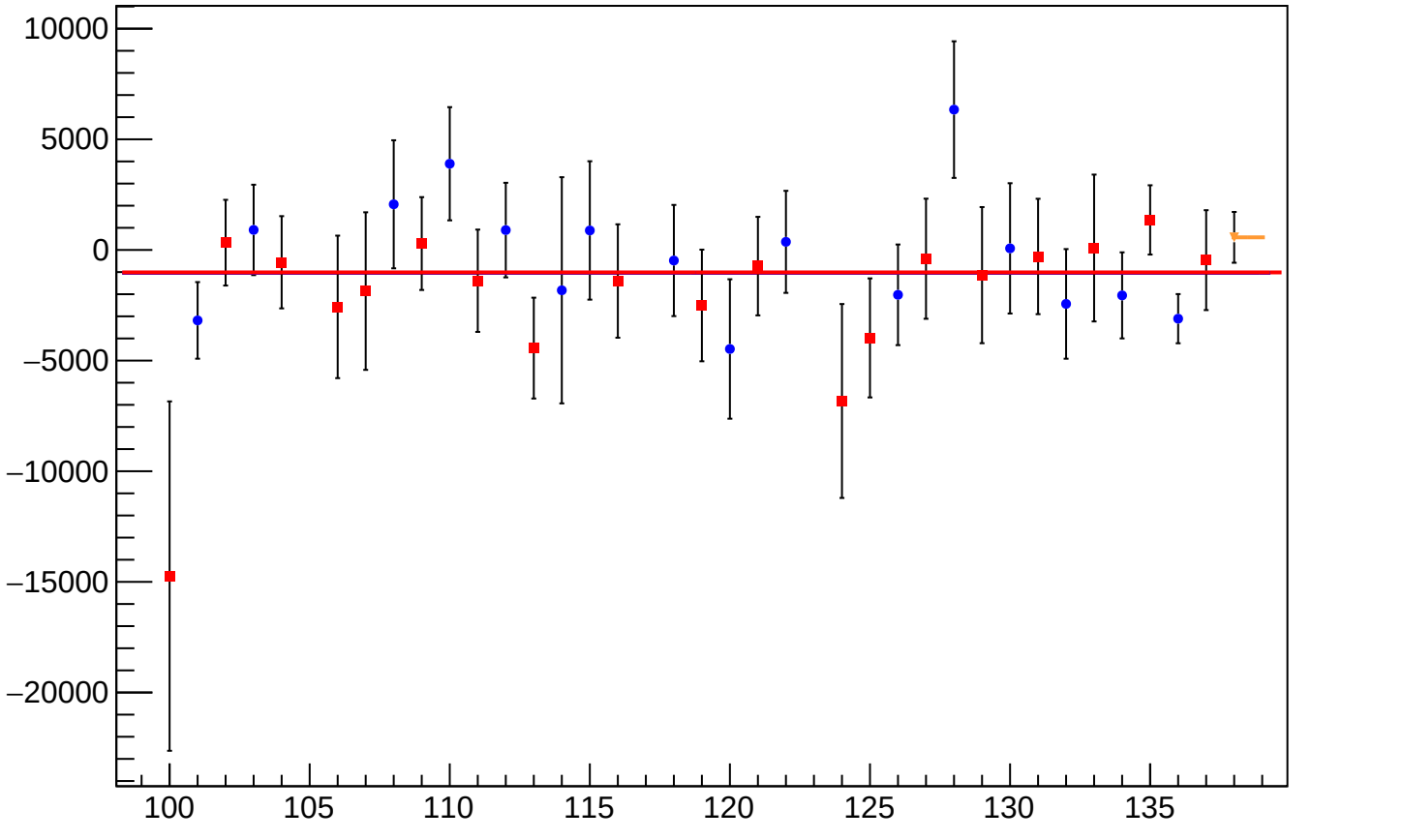
Right Out: 92.108+/-0.024 χ^2/NDF: 300768.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.678+/-0.023 χ^2/NDF: 273018.1/16

All: 91.354+/-0.017 χ^2/NDF: 575630.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1035.009+/-550.208 χ^2/NDF: 20.2/15

Left Out: 569.595+/-1148.204 χ^2/NDF:0.0/0

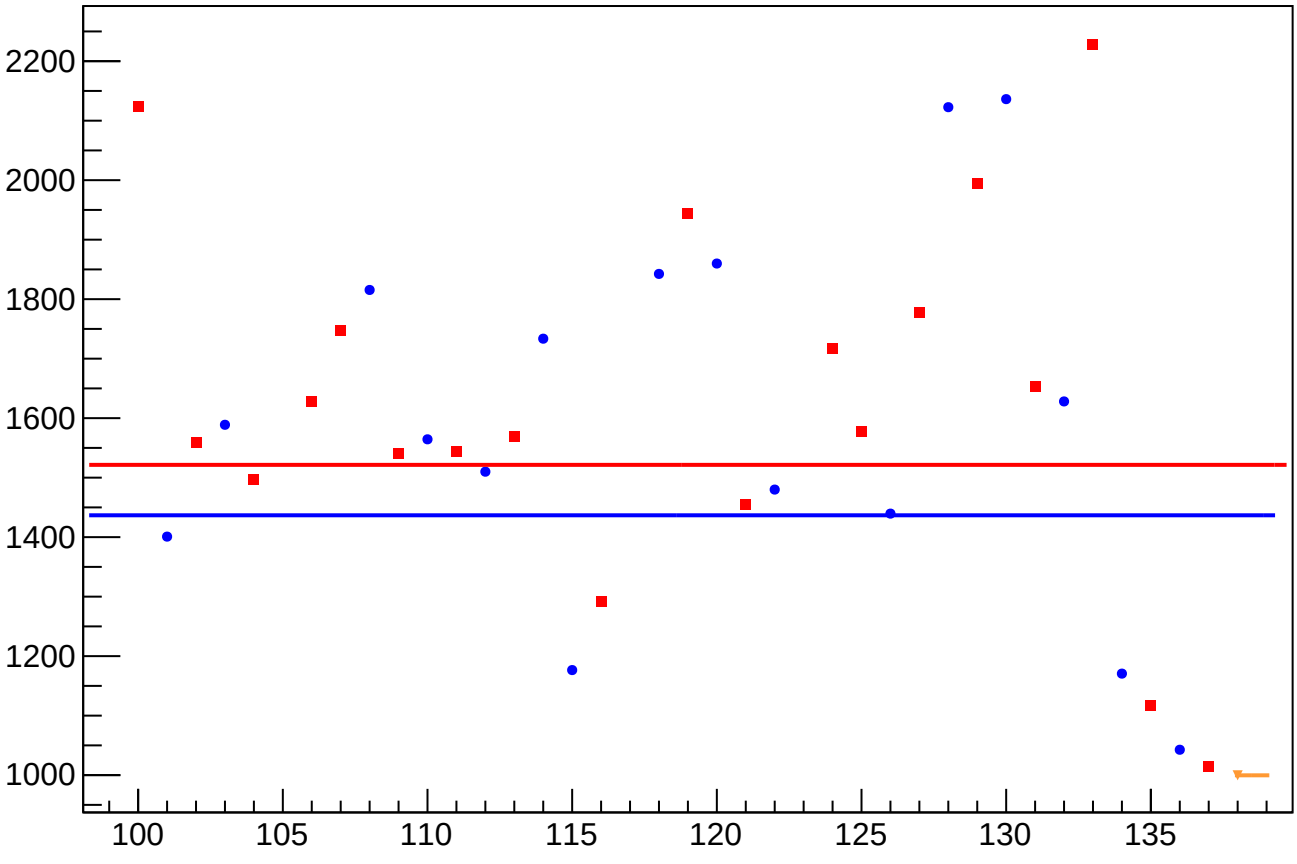
Right Out: -1015.387+/-569.773 χ^2/NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -735.360+/-496.182 χ^2/NDF: 21.8/16

All: -856.133+/-374.185 χ^2/NDF: 34.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1436.738+/-0.389 χ^2/NDF: 675680.8/15

Left Out: 999.686+/-0.812 χ^2/NDF:0.0/0

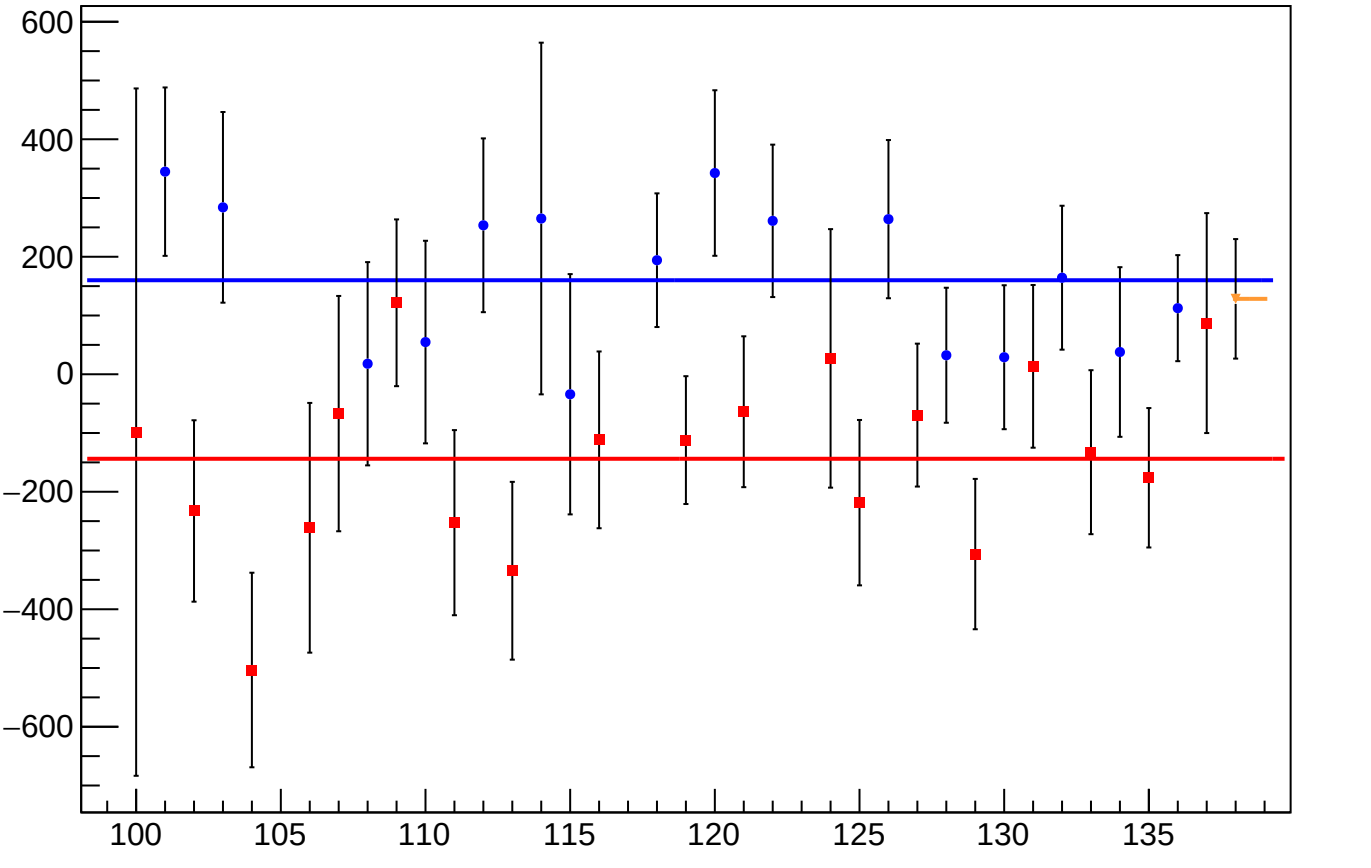
Right Out: 1521.496+/-0.403 χ^2/NDF: 498363.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1355.121+/-0.351 χ^2/NDF: 911340.6/16

All: 1426.877+/-0.265 χ^2/NDF: 1506686.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 160.020+/-34.170 χ^2/NDF: 11.1/15

Left Out: 128.356+/-101.731 χ^2/NDF:0.0/0

Right Out: -143.862+/-34.216 χ^2/NDF: 17.3/18

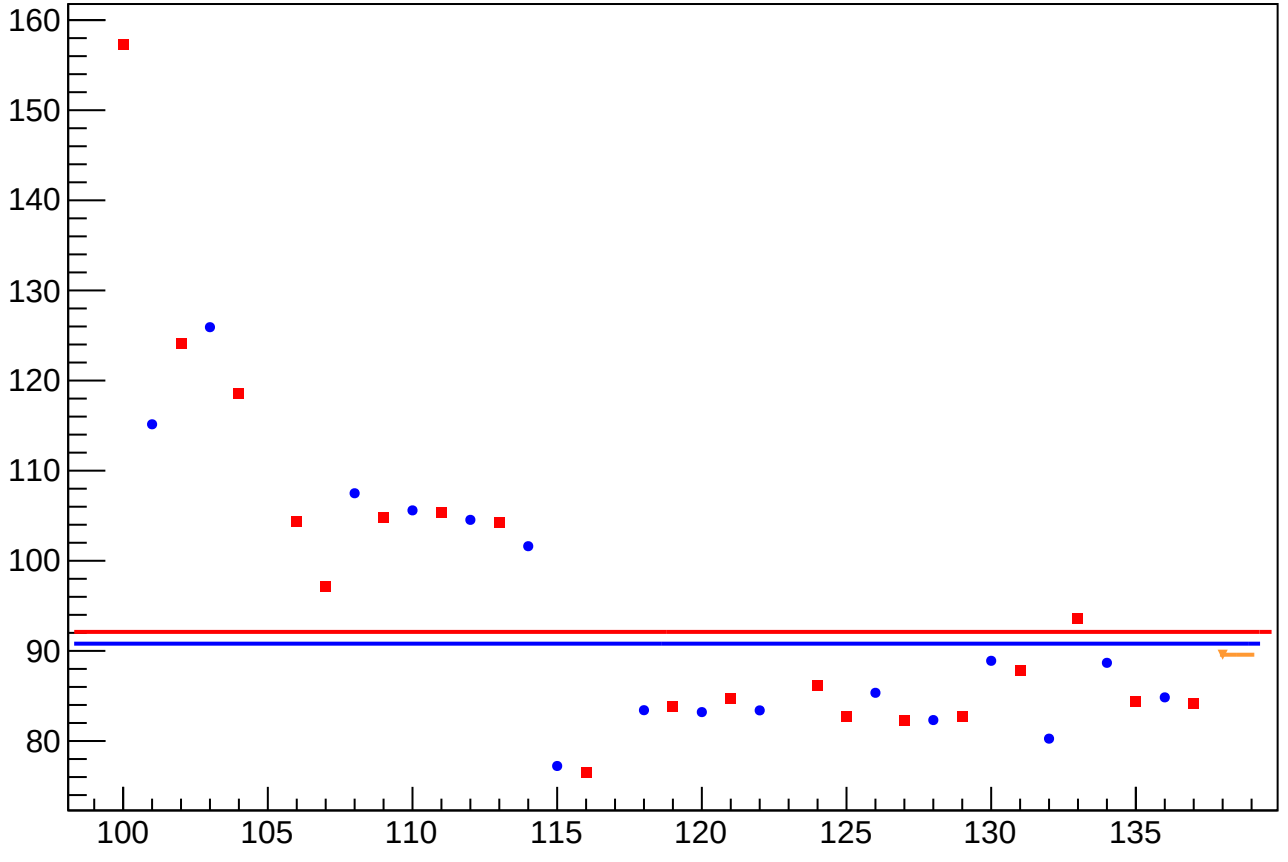
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 156.810+/-32.391 χ^2/NDF: 11.2/16

All: 14.702+/-23.523 χ^2/NDF: 69.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 90.802+/-0.024 χ^2/NDF: 272757.0/15

Left Out: 89.576+/-0.072 χ^2/NDF:0.0/0

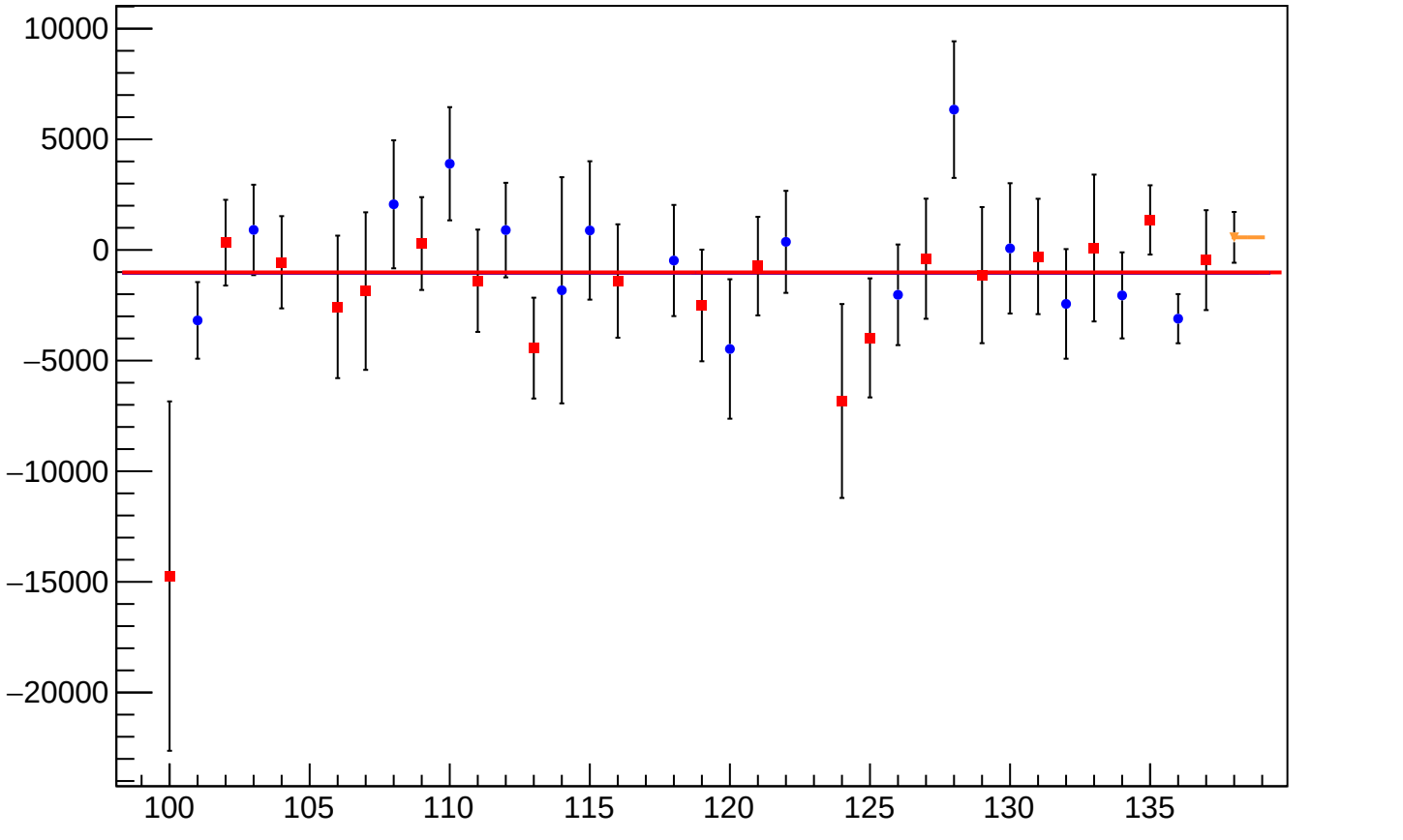
Right Out: 92.108+/-0.024 χ^2/NDF: 300768.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.678+/-0.023 χ^2/NDF: 273018.1/16

All: 91.354+/-0.017 χ^2/NDF: 575630.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1035.009+/-550.208 χ^2/NDF: 20.2/15

Left Out: 569.595+/-1148.204 χ^2/NDF:0.0/0

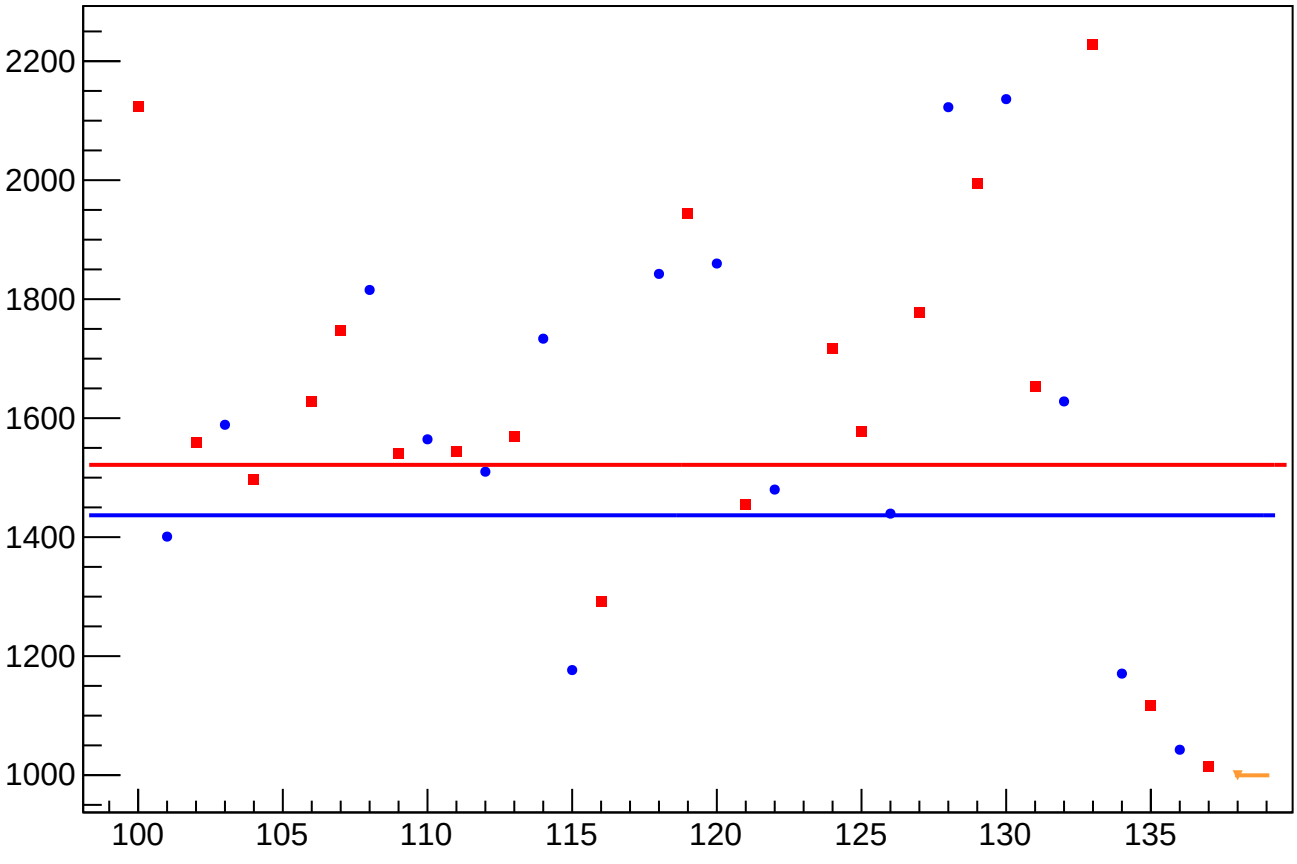
Right Out: -1015.387+/-569.773 χ^2/NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -735.360+/-496.182 χ^2/NDF: 21.8/16

All: -856.133+/-374.185 χ^2/NDF: 34.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1436.738+/-0.389 χ^2/NDF: 675680.8/15

Left Out: 999.686+/-0.812 χ^2/NDF:0.0/0

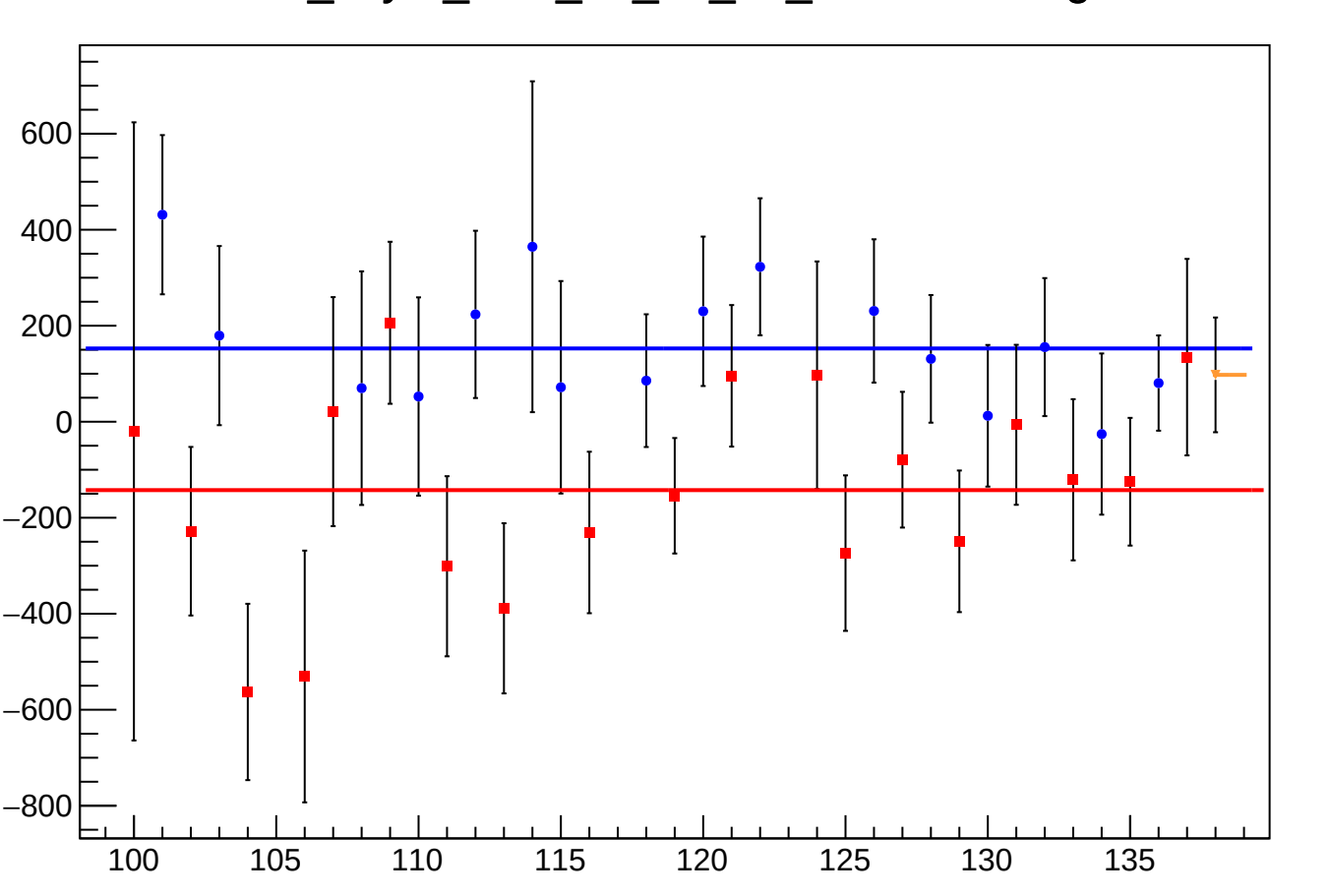
Right Out: 1521.496+/-0.403 χ^2/NDF: 498363.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1355.121+/-0.351 χ^2/NDF: 911340.6/16

All: 1426.877+/-0.265 χ^2/NDF: 1506686.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 152.626+/-39.446 χ^2/NDF: 8.6/15

Left Out: 97.601+/-119.528 χ^2/NDF:0.0/0

Right Out: -142.496+/-39.340 χ^2/NDF: 22.9/18

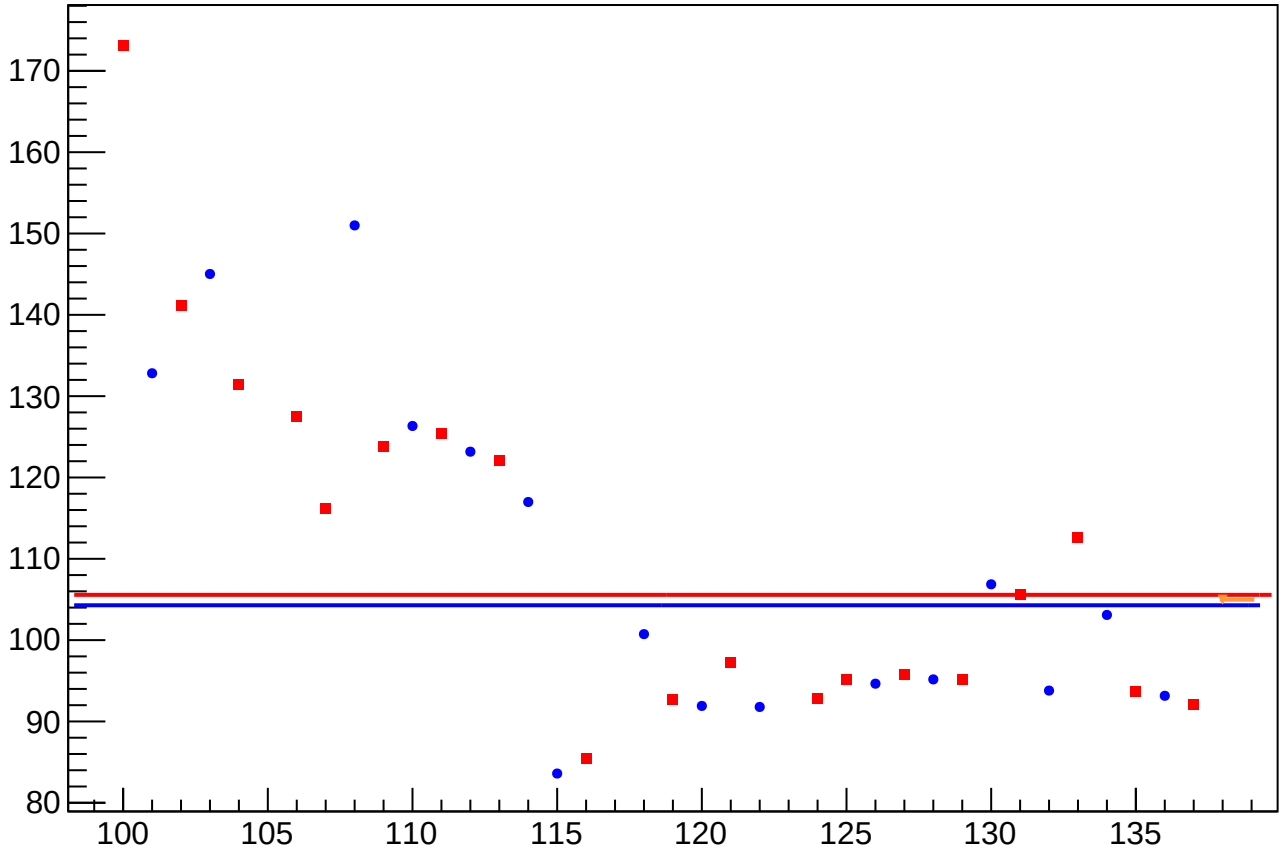
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 147.222+/-37.459 χ^2/NDF: 8.8/16

All: 9.455+/-27.128 χ^2/NDF: 60.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 104.286+/-0.028 χ^2/NDF: 378310.9/15

Left Out: 104.970+/-0.085 χ^2/NDF:0.0/0

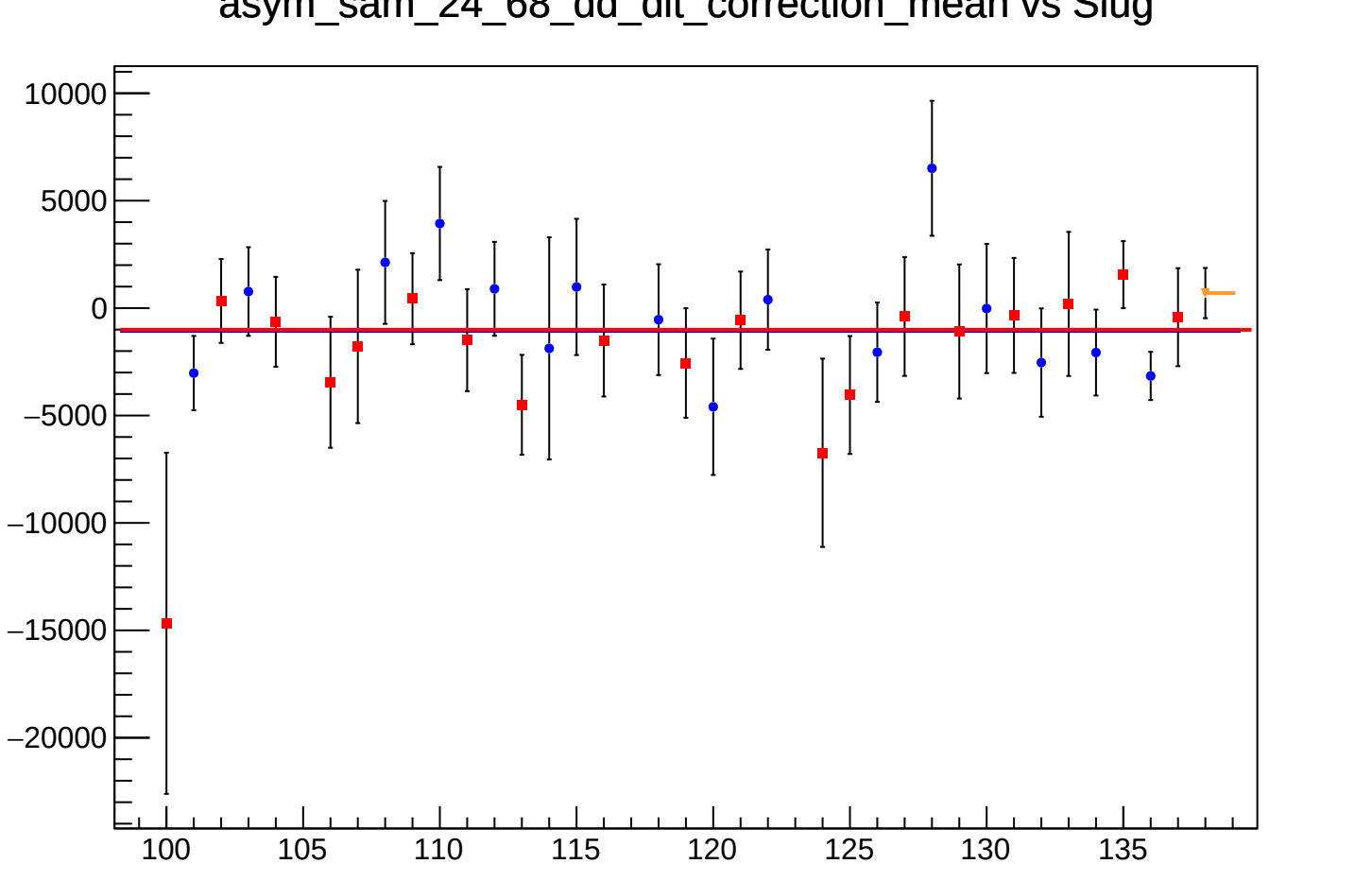
Right Out: 105.568+/-0.028 χ^2/NDF: 344605.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 104.353+/-0.026 χ^2/NDF: 378369.9/16

All: 104.931+/-0.019 χ^2/NDF: 723976.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1059.357+/-557.645 χ^2/NDF: 20.0/15

Left Out: 699.542+/-1170.086 χ^2/NDF:0.0/0

Right Out: -1009.907+/-575.100 χ^2/NDF: 13.3/18

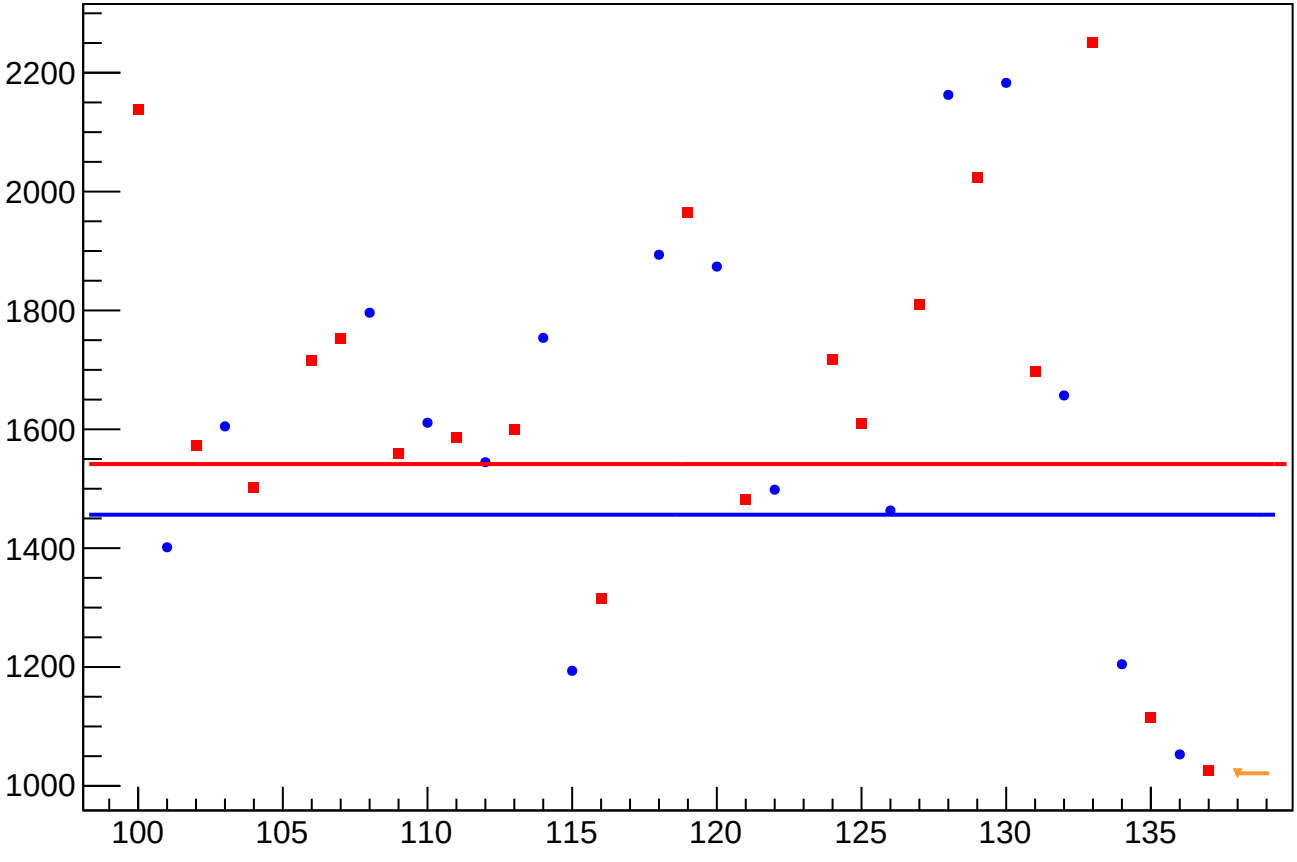
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -733.799+/-503.398 χ^2/NDF: 21.9/16

All: -853.577+/-378.785 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1456.303+/-0.394 χ^2/NDF: 684806.5/15

Left Out: 1021.165+/-0.827 χ^2/NDF:0.0/0

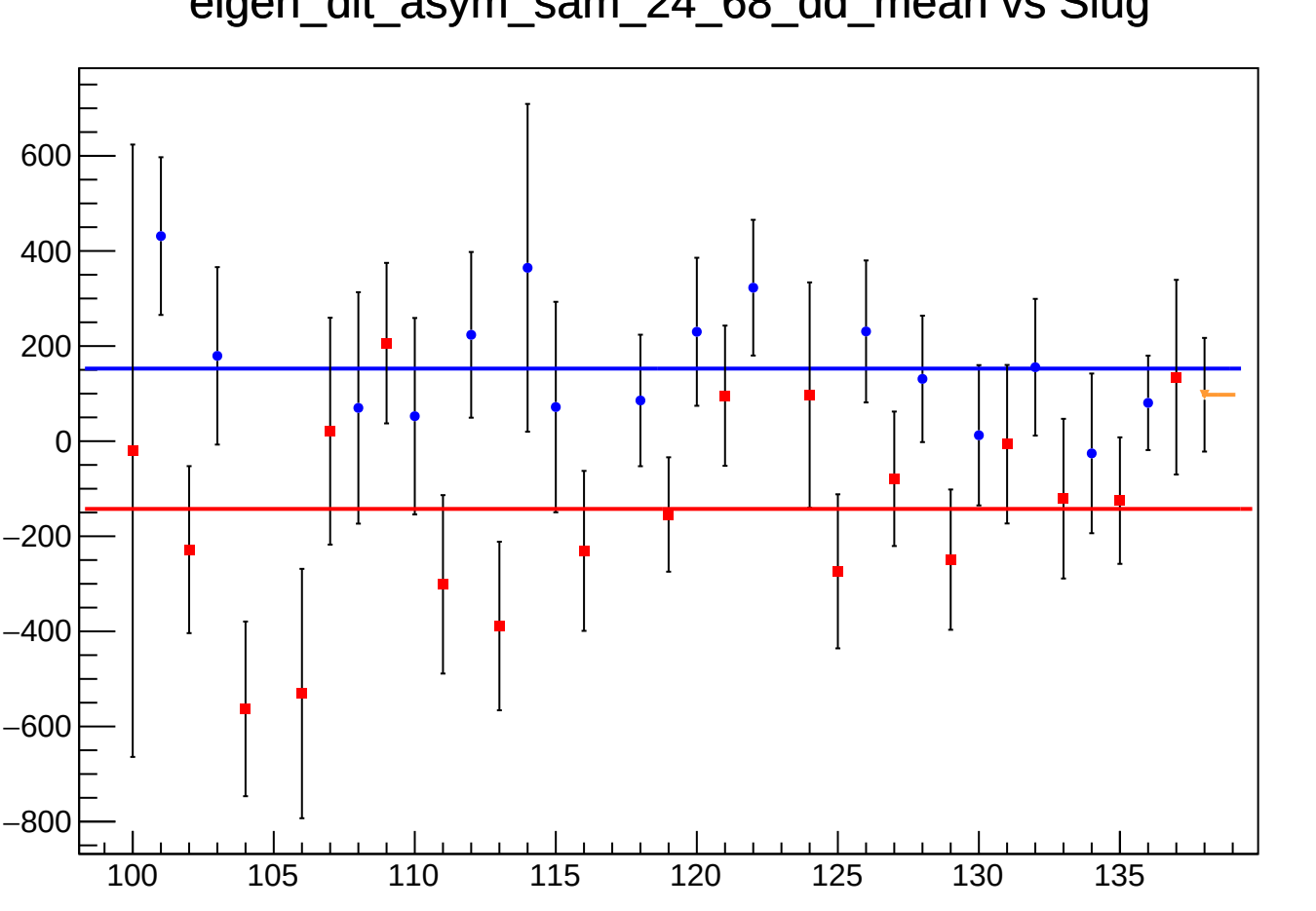
Right Out: 1541.522+/-0.407 χ^2/NDF: 519336.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1375.762+/-0.356 χ^2/NDF: 910208.7/16

All: 1447.671+/-0.268 χ^2/NDF: 1523618.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 152.628+/-39.446 χ^2/NDF: 8.6/15

Left Out: 97.592+/-119.528 χ^2/NDF:0.0/0

Right Out: -142.494+/-39.340 χ^2/NDF: 22.9/18

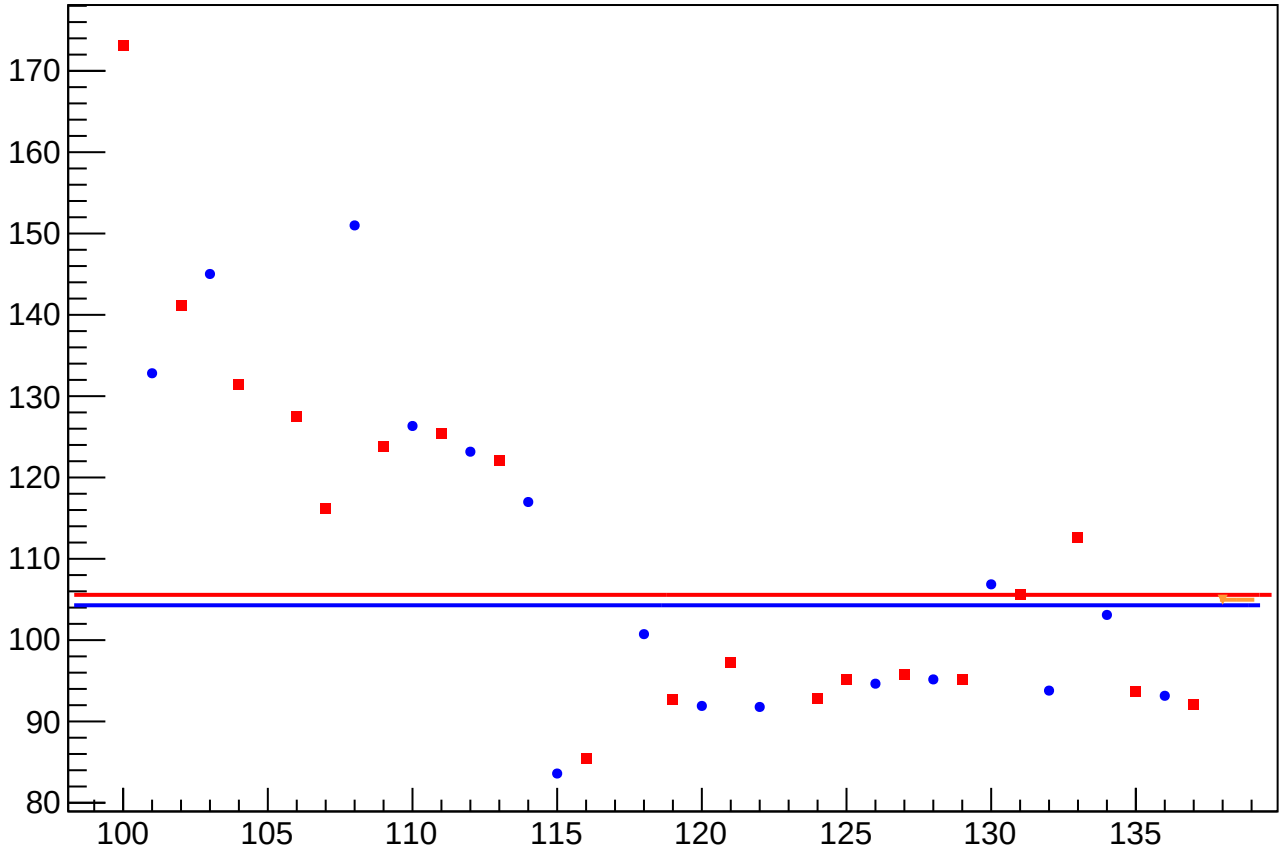
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 147.223+/-37.459 χ^2/NDF: 8.8/16

All: 9.457+/-27.128 χ^2/NDF: 60.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 104.285+/-0.028 χ^2/NDF: 378313.2/15

Left Out: 104.969+/-0.085 χ^2/NDF:0.0/0

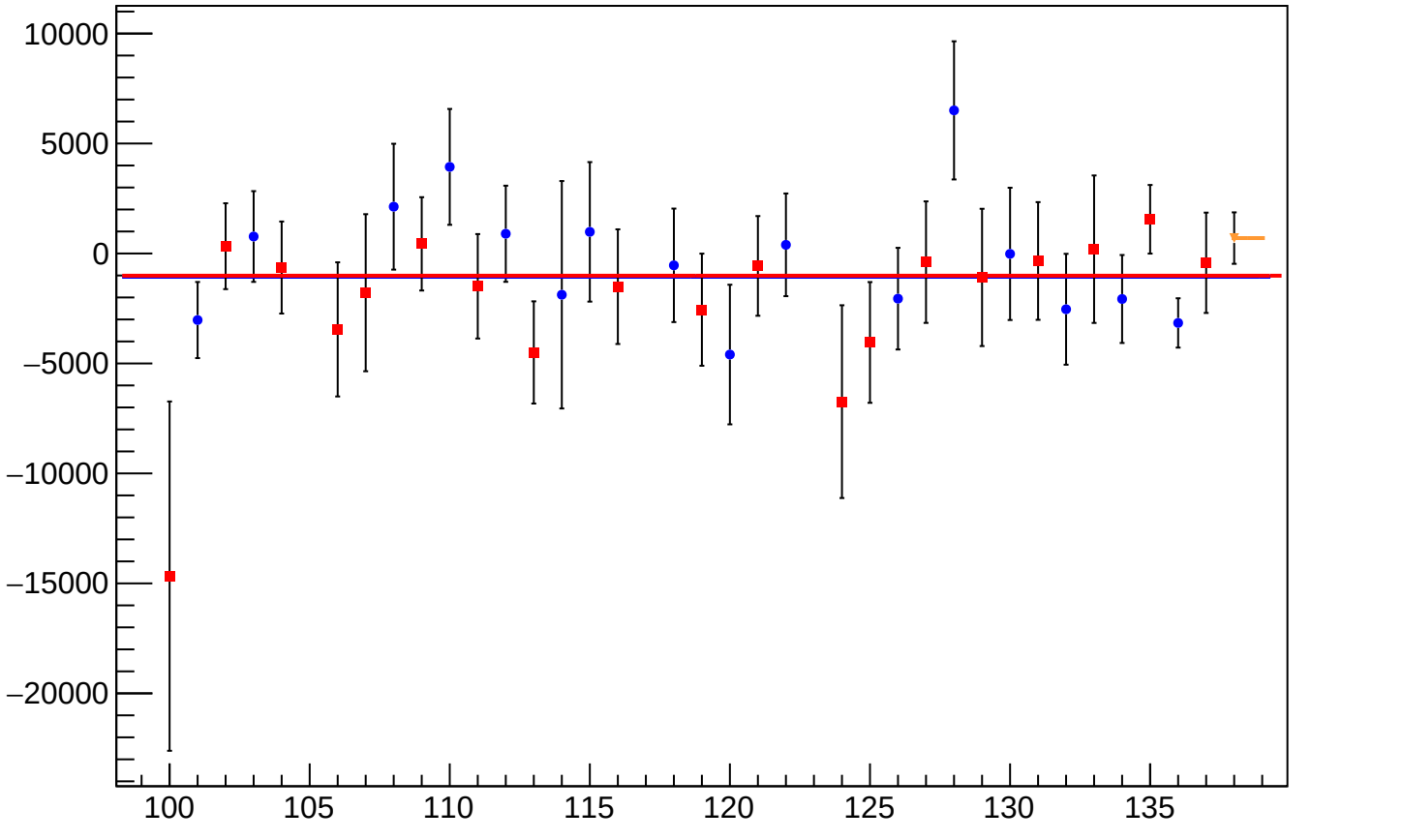
Right Out: 105.567+/-0.028 χ^2/NDF: 344605.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 104.352+/-0.026 χ^2/NDF: 378372.3/16

All: 104.930+/-0.019 χ^2/NDF: 723978.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1059.353+/-557.644 χ^2/NDF: 20.0/15

Left Out: 699.533+/-1170.081 χ^2/NDF:0.0/0

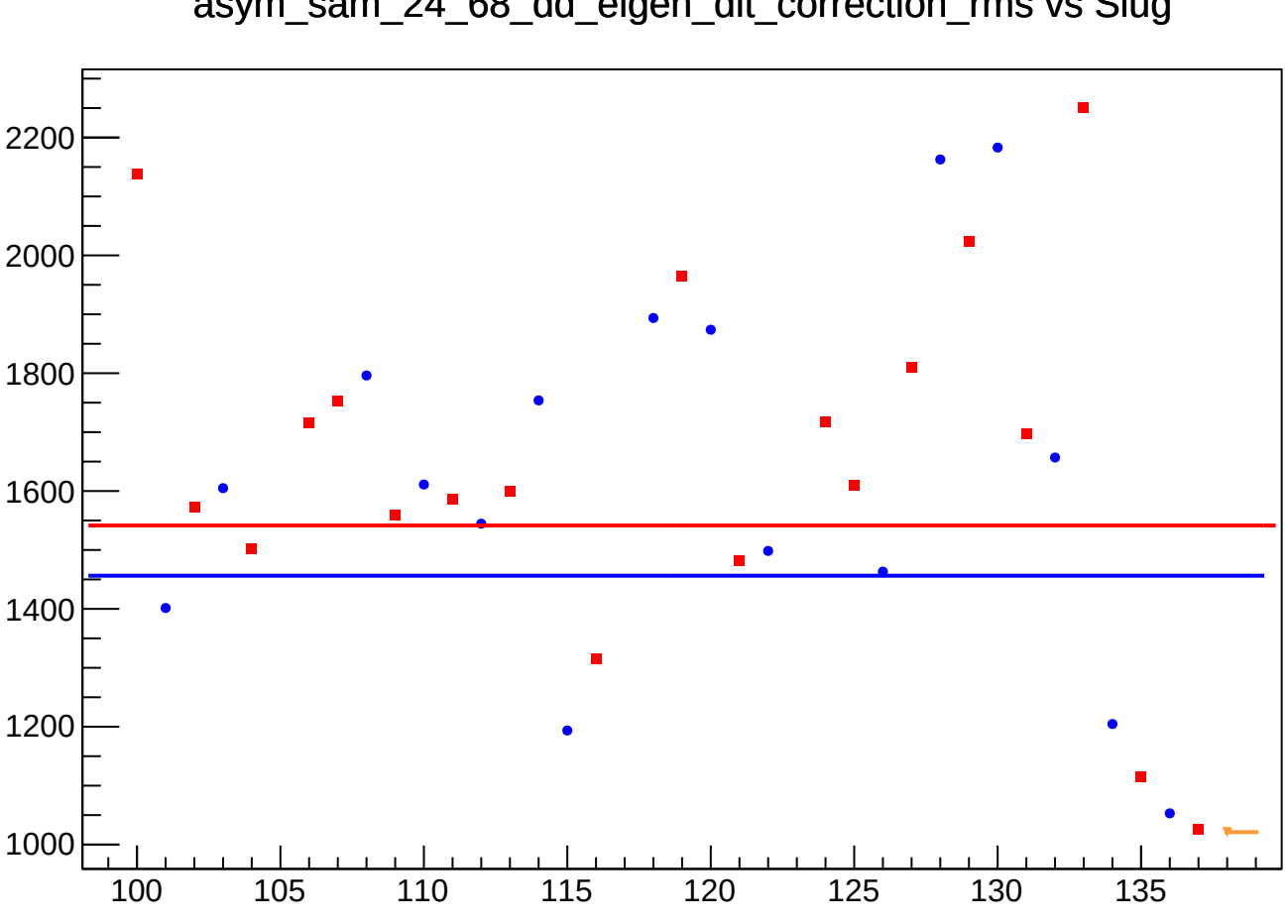
Right Out: -1009.907+/-575.099 χ^2/NDF: 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -733.796+/-503.397 χ^2/NDF: 21.9/16

All: -853.575+/-378.784 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1456.301+/-0.394 χ^2/NDF: 684803.6/15

Left Out: 1021.161+/-0.827 χ^2/NDF:0.0/0

Right Out: 1541.520+/-0.407 χ^2/NDF: 519336.6/18

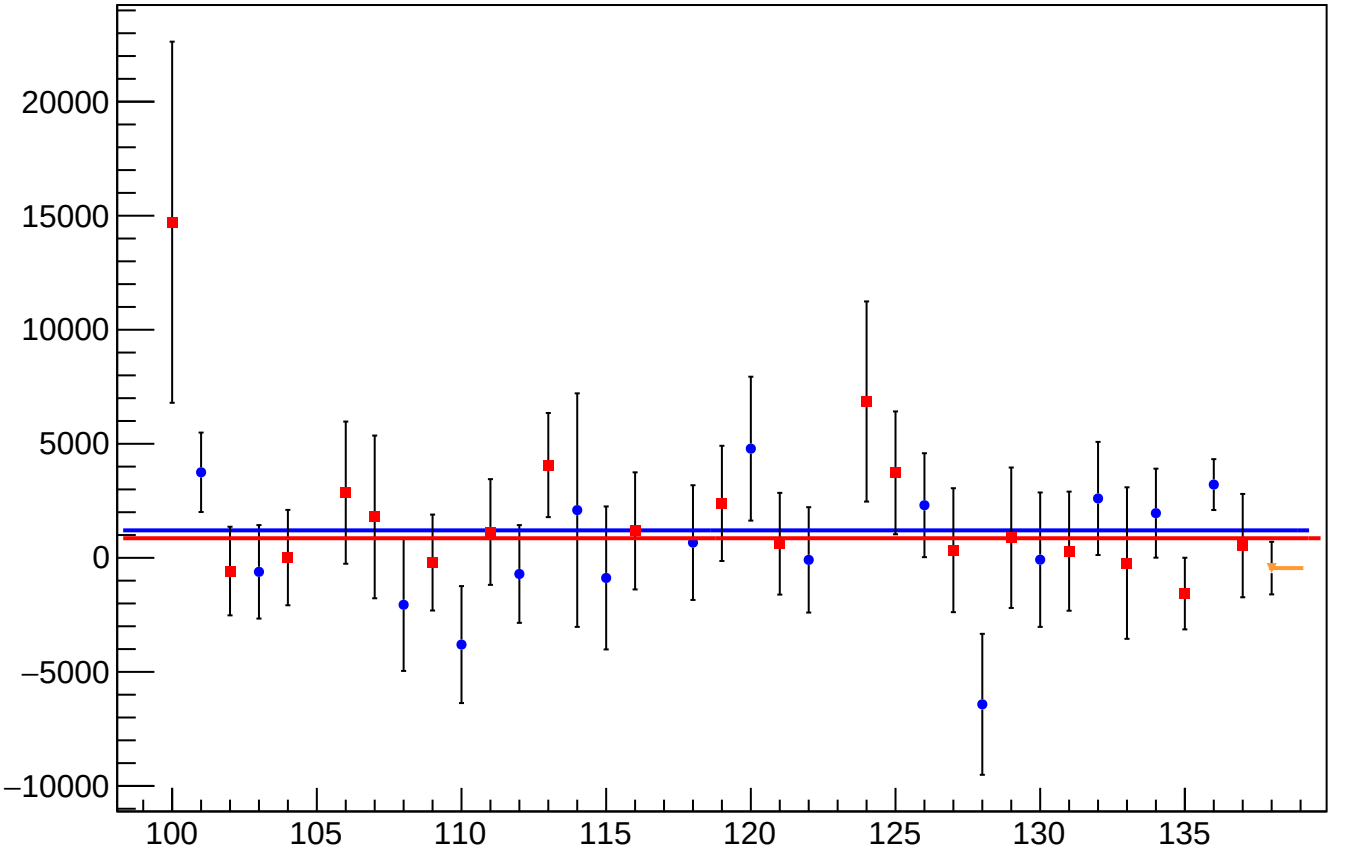
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1375.759+/-0.356 χ^2/NDF: 910208.7/16

All: 1447.668+/-0.268 χ^2/NDF: 1523619.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 1204.691+/-551.729 χ^2/NDF: 21.1/15

Left Out: -448.923+/-1153.036 χ^2/NDF:0.0/0

Right Out: 859.290+/-570.391 χ^2/NDF: 12.5/18

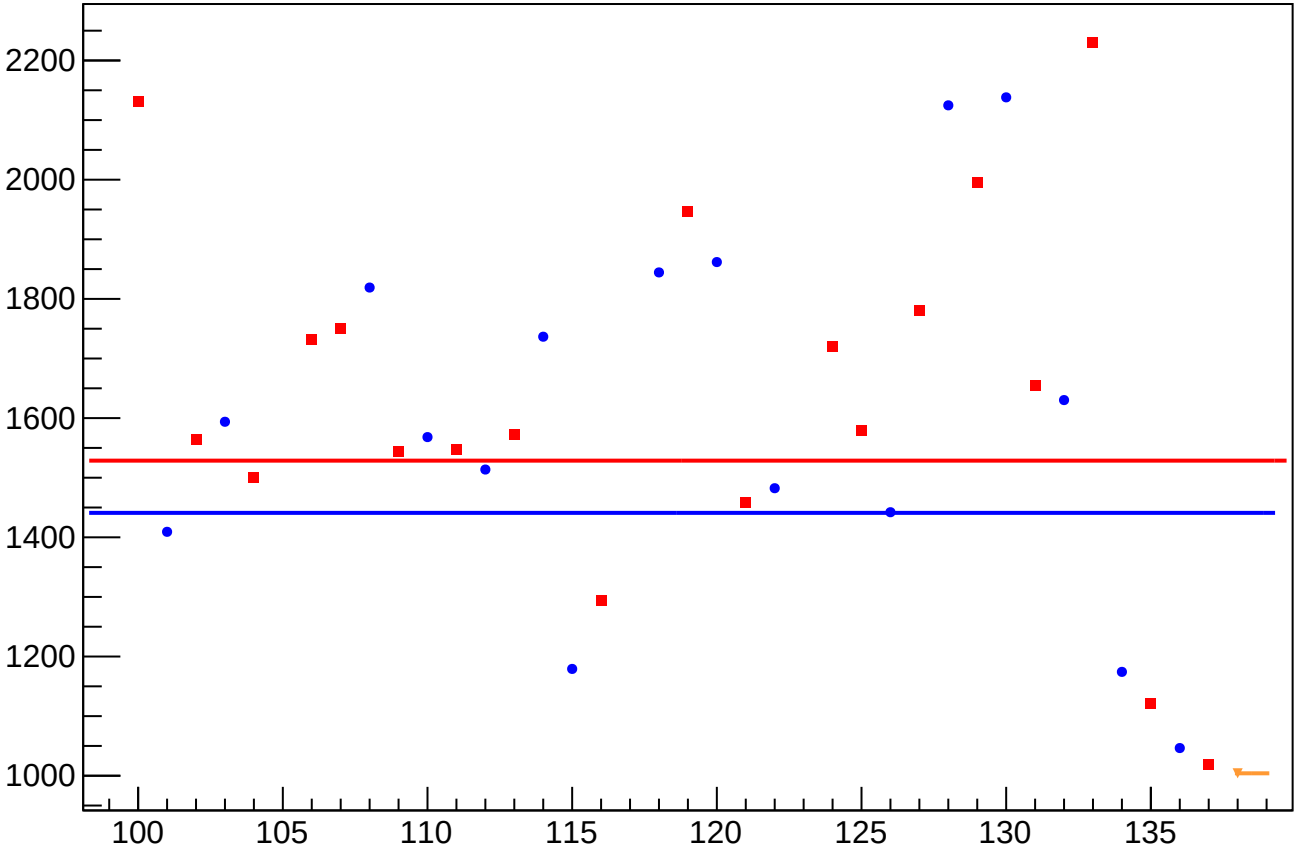
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 896.613+/-497.687 χ^2/NDF: 22.8/16

All: 880.481+/-375.005 χ^2/NDF: 35.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1441.025+/-0.390 χ^2/NDF: 670674.6/15

Left Out: 1004.069+/-0.815 χ^2/NDF:0.0/0

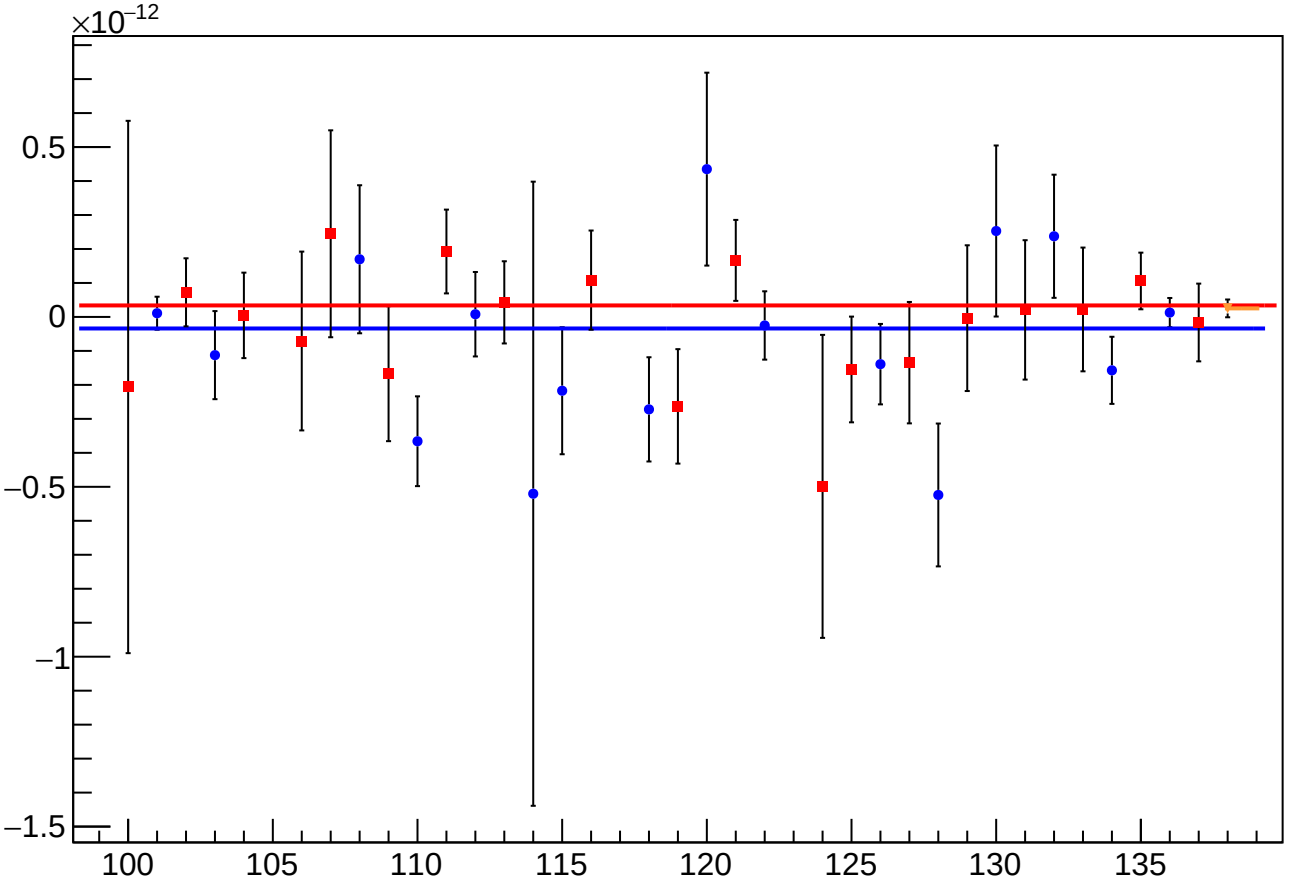
Right Out: 1528.652+/-0.403 χ^2/NDF: 501717.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1359.617+/-0.352 χ^2/NDF: 904386.6/16

All: 1432.681+/-0.265 χ^2/NDF: 1505827.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 27.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

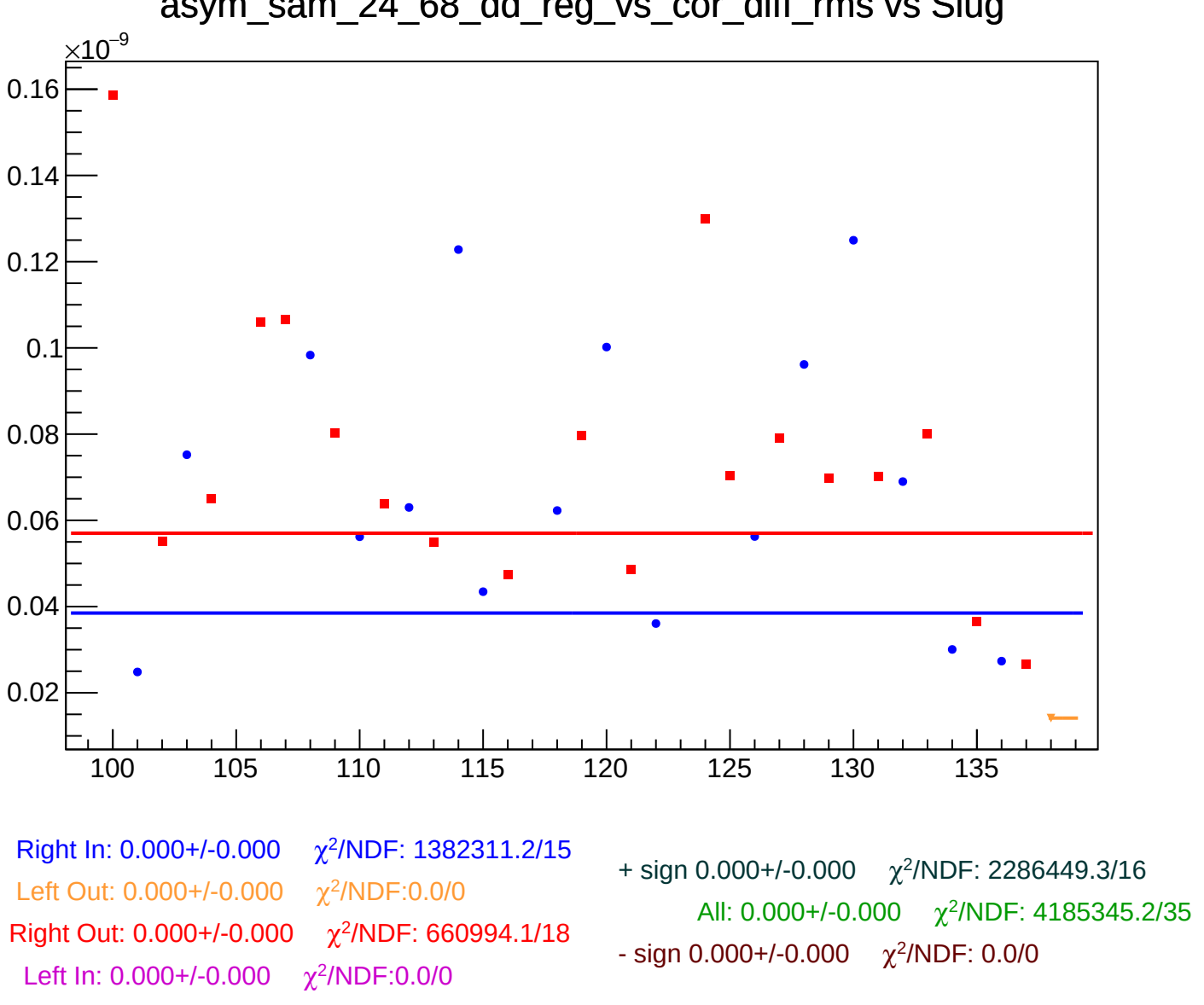
Right Out: 0.000+/-0.000 χ^2/NDF: 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

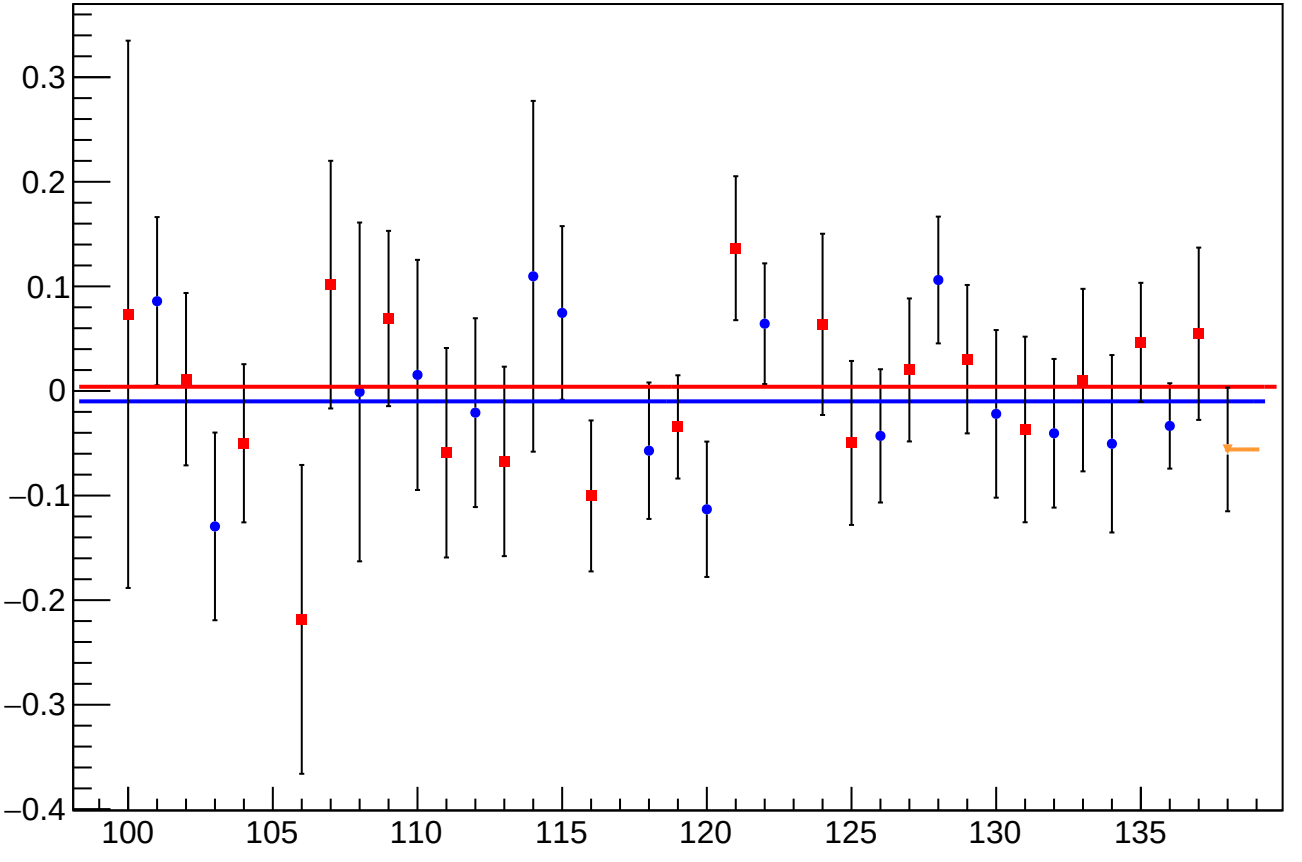
+ sign -0.000+/-0.000 χ^2/NDF: 30.1/16

All: 0.000+/-0.000 χ^2/NDF: 44.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1382311.2/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 660994.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2286449.3/16
All: 0.000+/-0.000 χ²/NDF: 4185345.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.010+/-0.018 χ^2/NDF: 14.2/15

Left Out: -0.056+/-0.059 χ^2/NDF:0.0/0

Right Out: 0.004+/-0.018 χ^2/NDF: 13.9/18

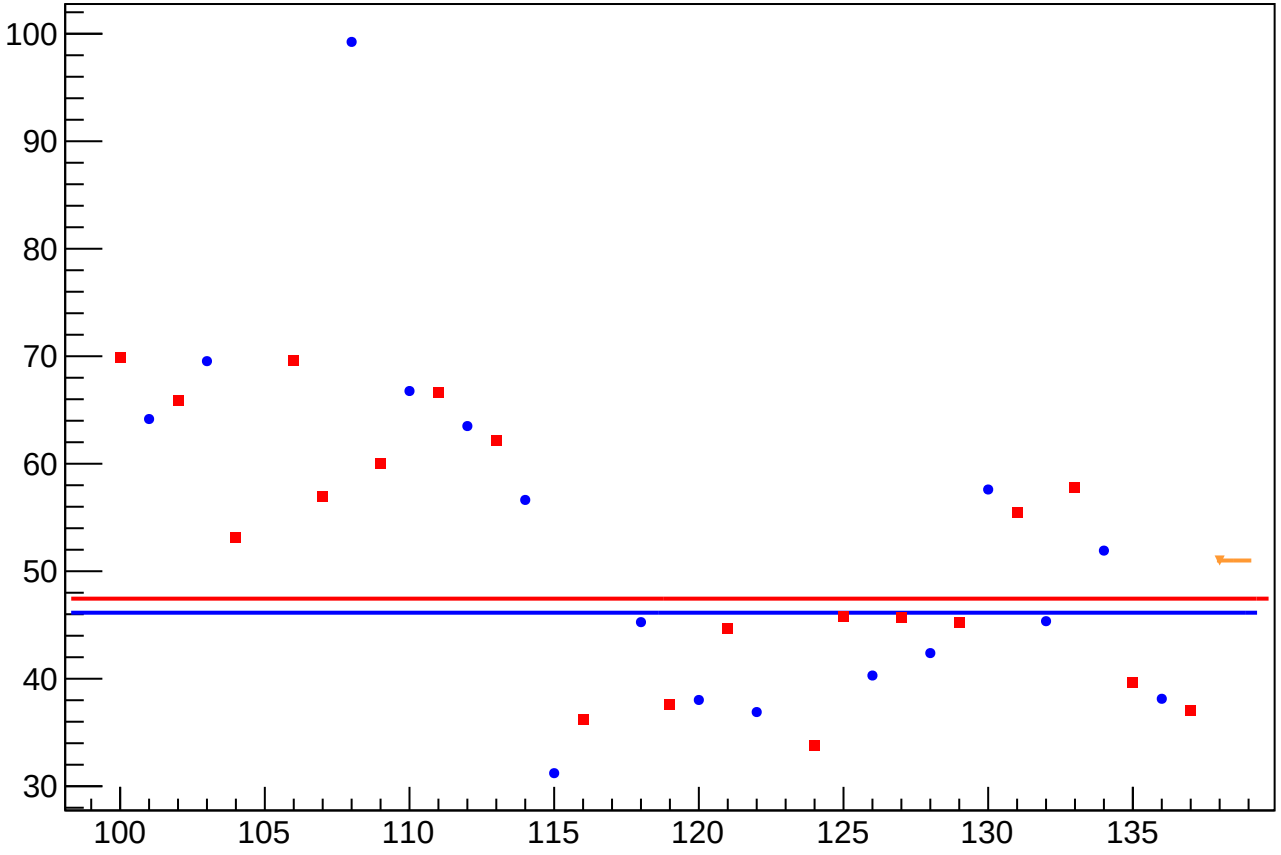
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.017 χ^2/NDF: 14.8/16

All: -0.005+/-0.012 χ^2/NDF: 29.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug



Right In: 46.141+/-0.013 χ^2/NDF: 903280.2/15

Left Out: 50.998+/-0.042 χ^2/NDF:0.0/0

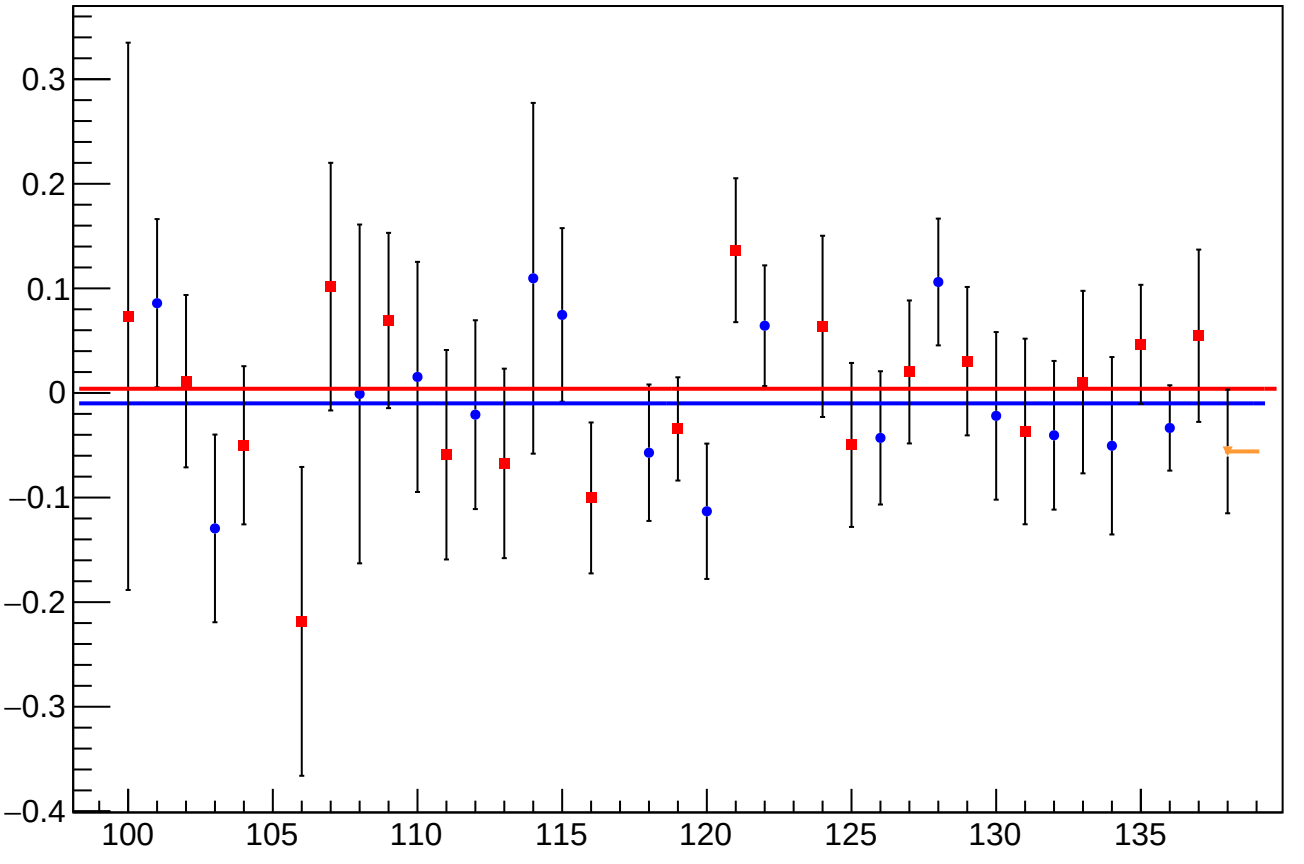
Right Out: 47.450+/-0.013 χ^2/NDF: 654693.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.553+/-0.012 χ^2/NDF: 915629.0/16

All: 46.979+/-0.009 χ^2/NDF: 1572901.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.010+/-0.018 χ^2/NDF: 14.2/15

Left Out: -0.056+/-0.059 χ^2/NDF:0.0/0

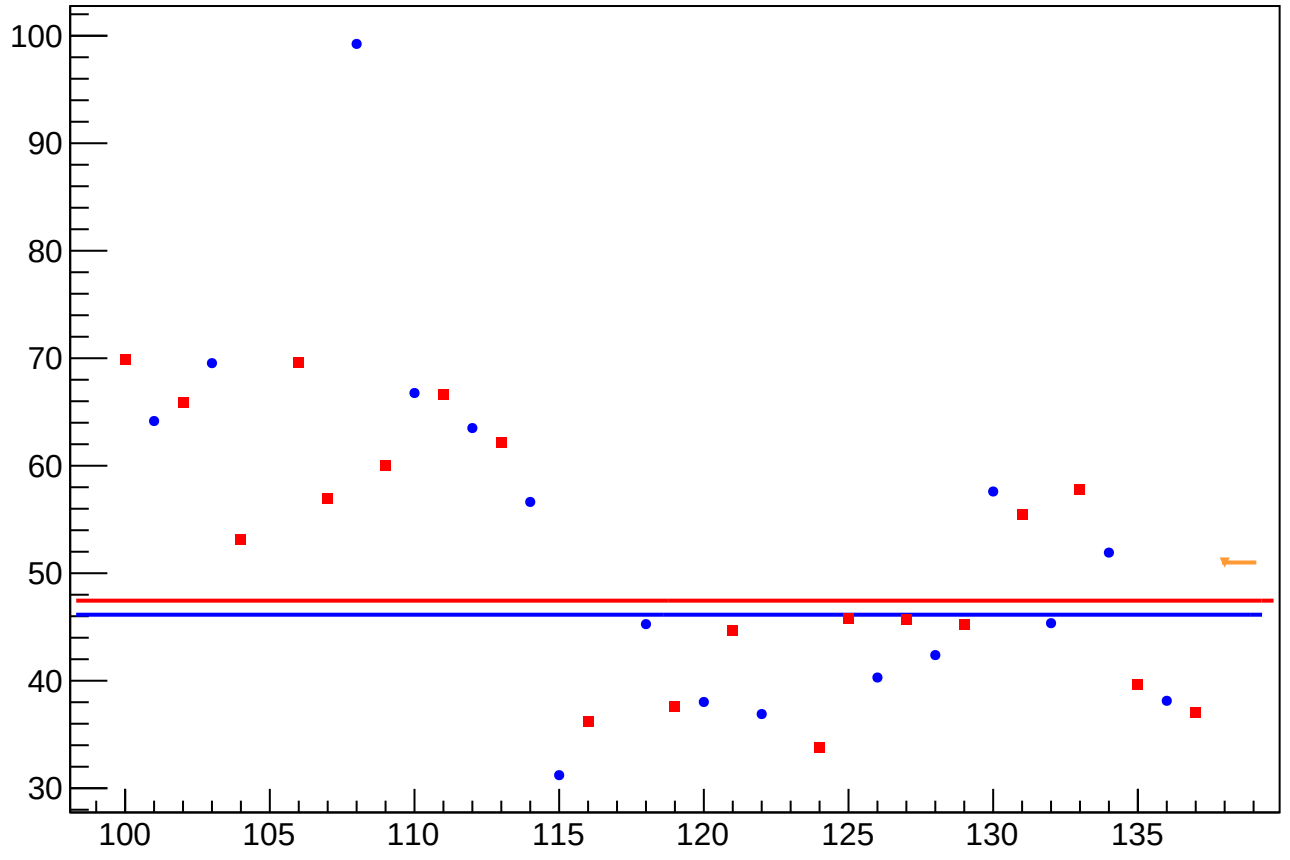
Right Out: 0.004+/-0.018 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.017 χ^2/NDF: 14.8/16

All: -0.005+/-0.012 χ^2/NDF: 29.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 46.141+/-0.013 χ^2/NDF: 903280.2/15

Left Out: 50.998+/-0.042 χ^2/NDF:0.0/0

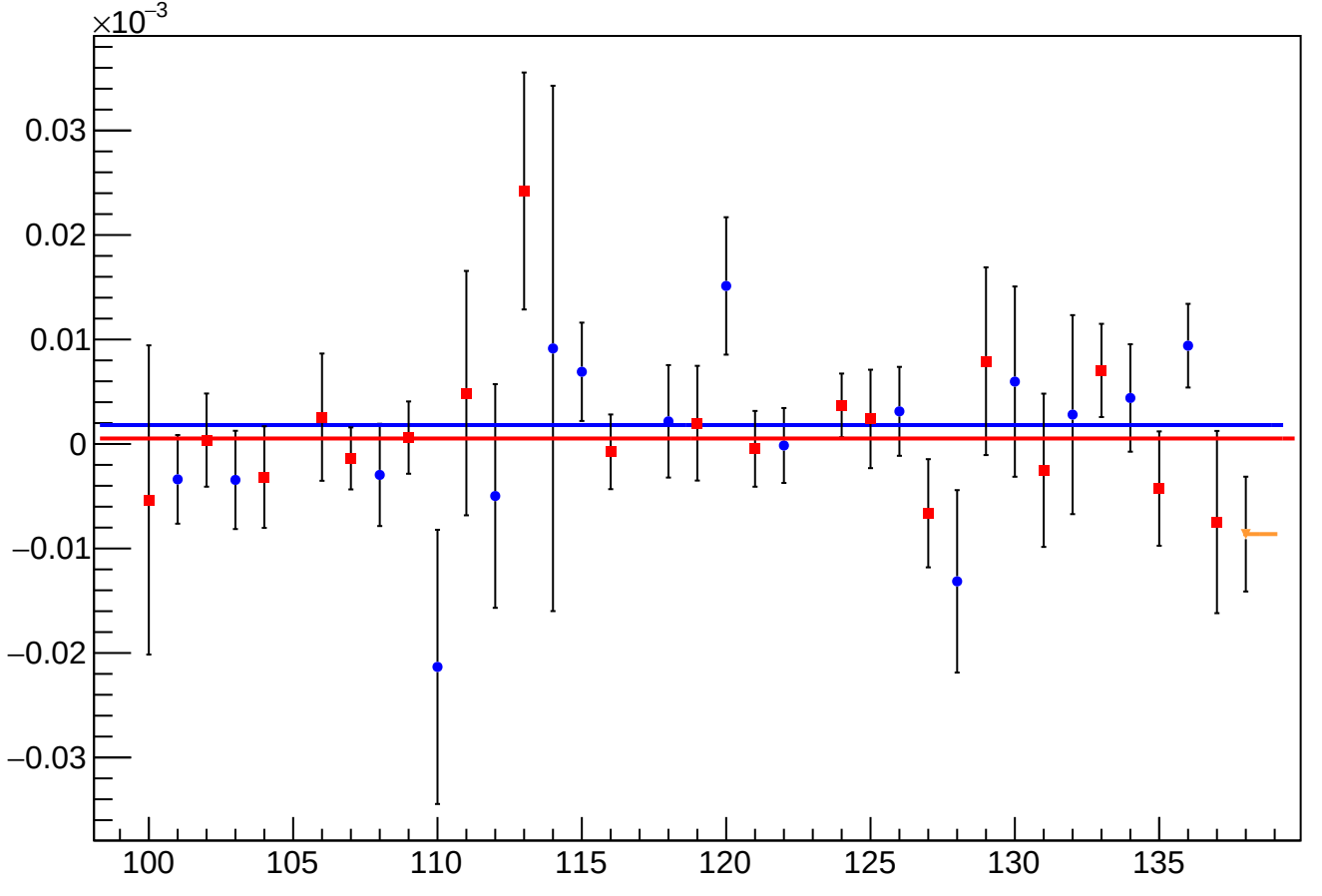
Right Out: 47.450+/-0.013 χ^2/NDF: 654693.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.553+/-0.012 χ^2/NDF: 915629.0/16

All: 46.979+/-0.009 χ^2/NDF: 1572901.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 20.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

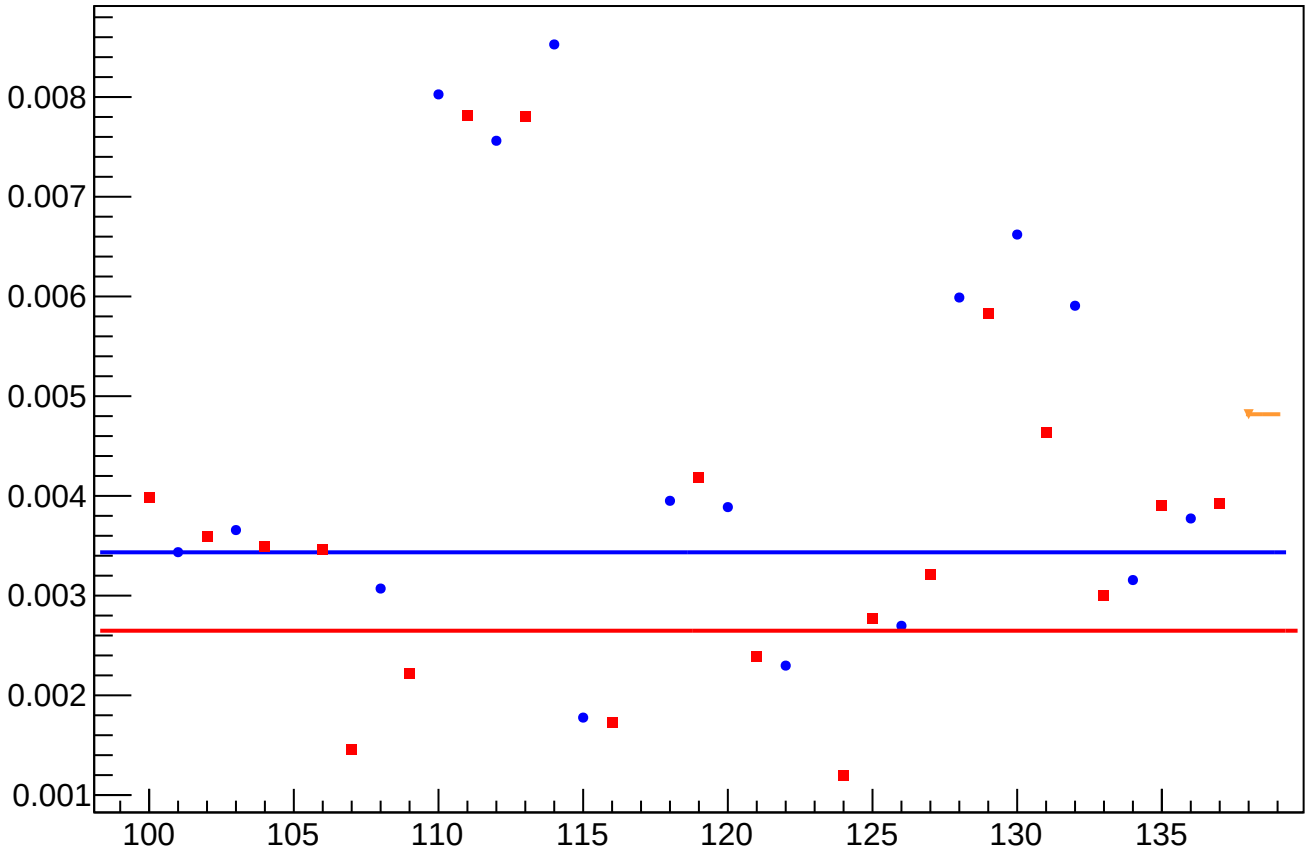
Right Out: 0.000+/-0.000 χ^2/NDF: 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 23.4/16

All: 0.000+/-0.000 χ^2/NDF: 37.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.000 χ^2/NDF: 1748561.6/15

Left Out: 0.005+/-0.000 χ^2/NDF:0.0/0

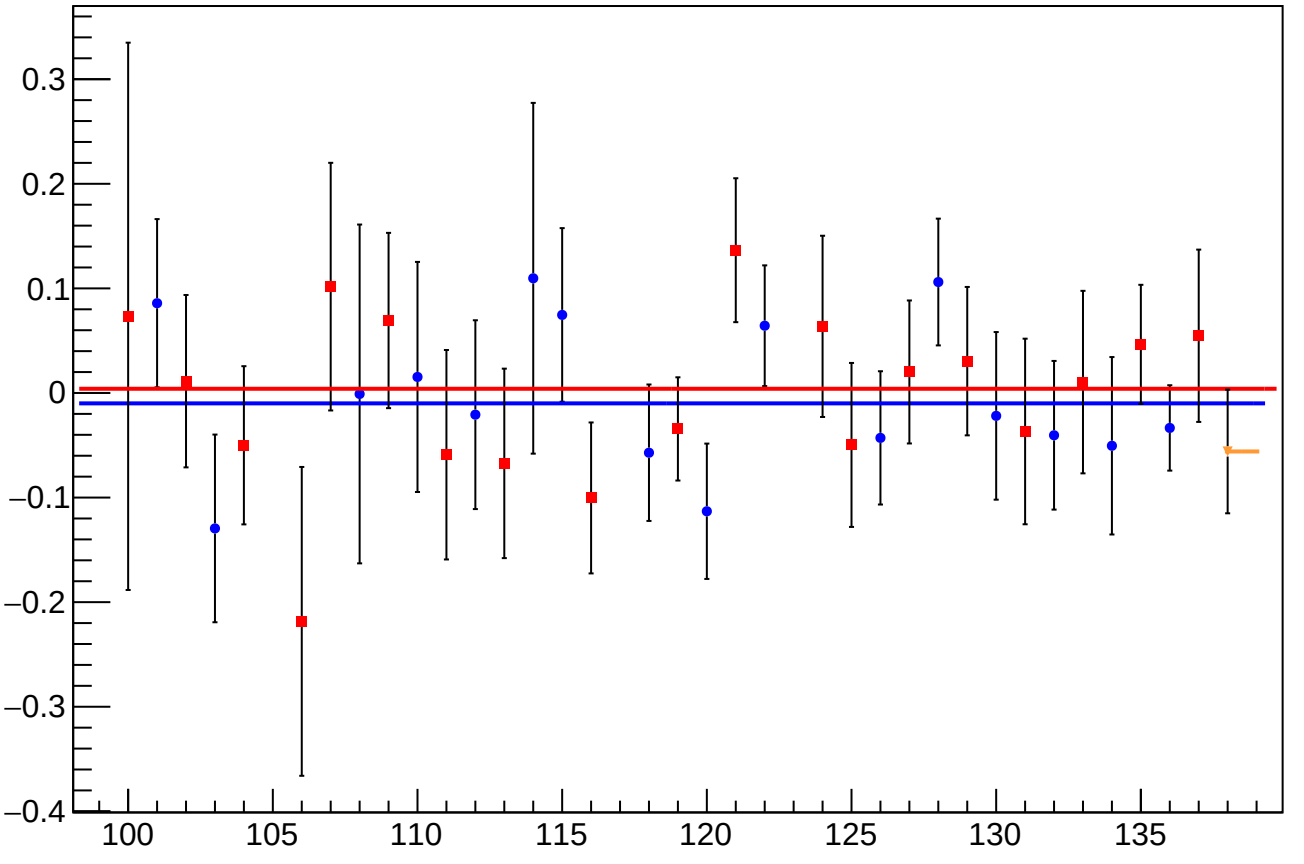
Right Out: 0.003+/-0.000 χ^2/NDF: 2696872.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 1868176.3/16

All: 0.003+/-0.000 χ^2/NDF: 5073614.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.010+/-0.018 χ^2/NDF: 14.2/15

Left Out: -0.056+/-0.059 χ^2/NDF:0.0/0

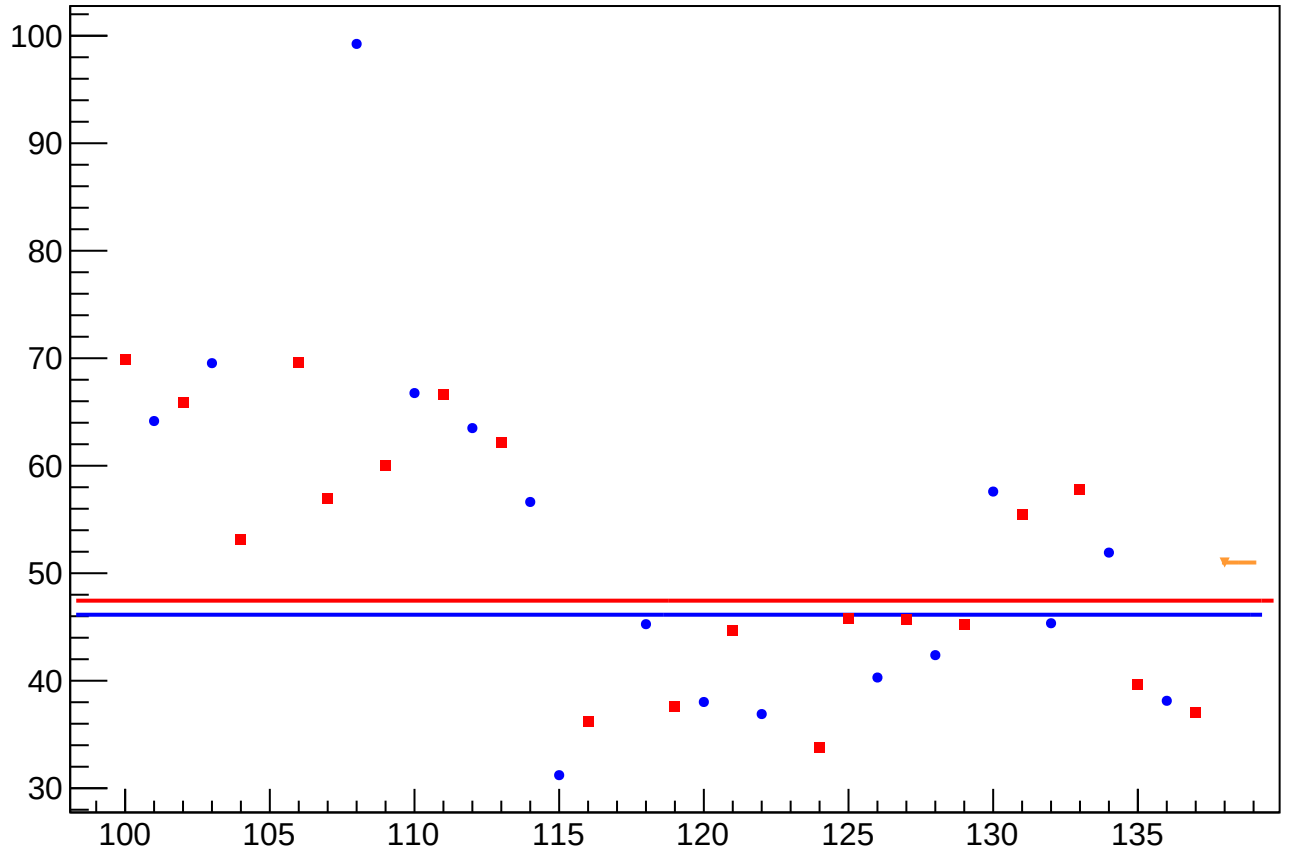
Right Out: 0.004+/-0.018 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.017 χ^2/NDF: 14.8/16

All: -0.005+/-0.012 χ^2/NDF: 29.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 46.140+/-0.013 χ^2/NDF: 903251.1/15

Left Out: 50.997+/-0.042 χ^2/NDF:0.0/0

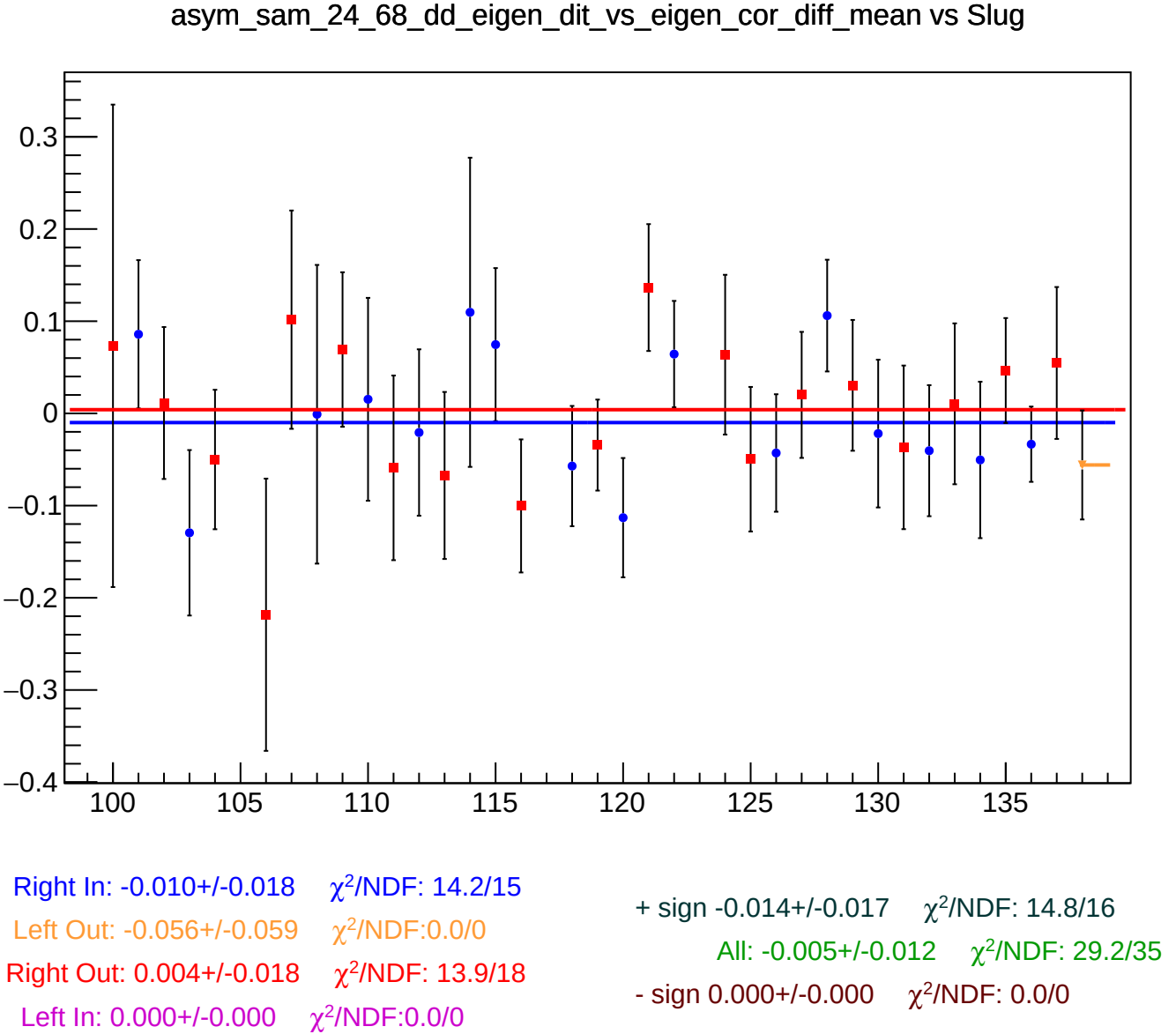
Right Out: 47.448+/-0.013 χ^2/NDF: 654687.8/18

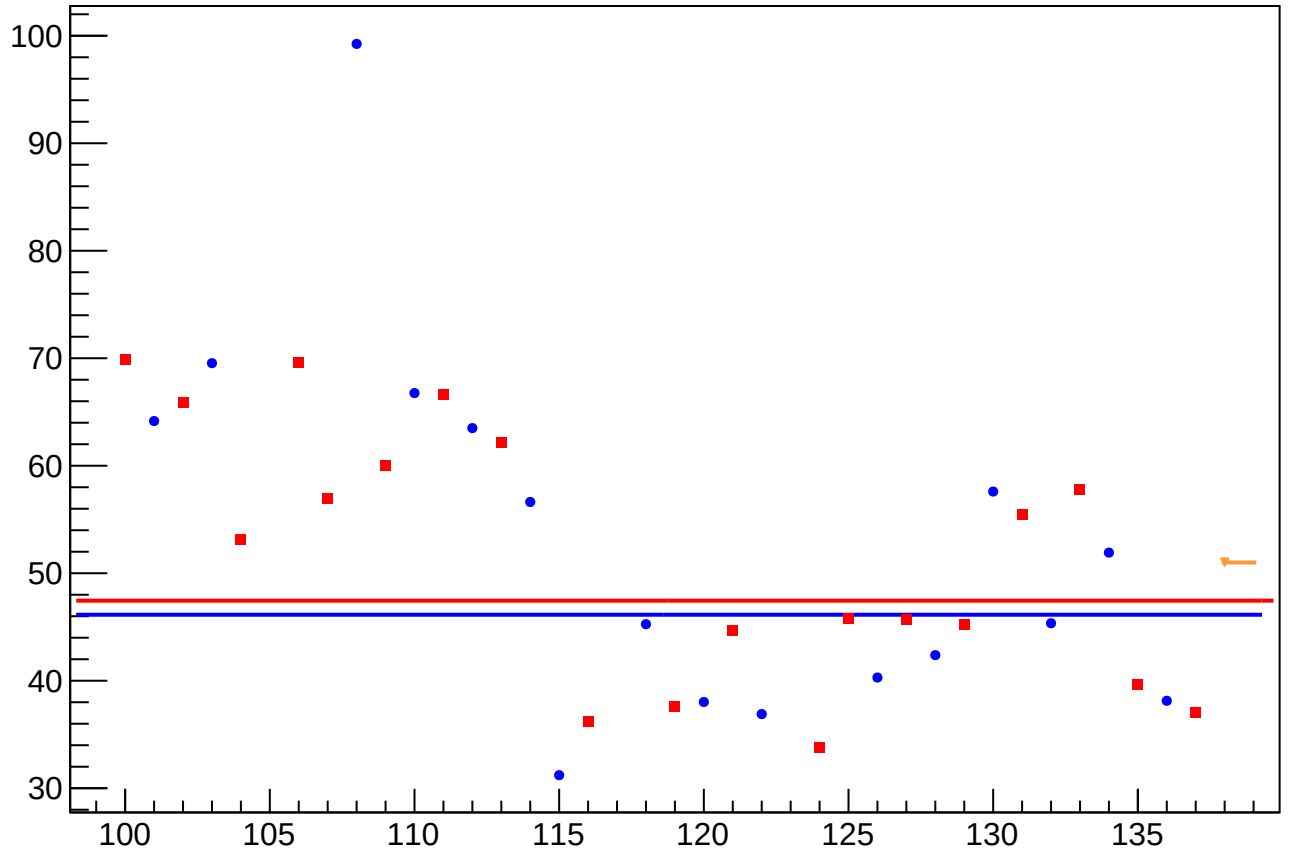
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.551+/-0.012 χ^2/NDF: 915602.5/16

All: 46.978+/-0.009 χ^2/NDF: 1572870.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
100
105
110
115
120
125
130
135
Right In: -0.010+/-0.018 χ²/NDF: 14.2/15
Left Out: -0.056+/-0.059 χ²/NDF:0.0/0
Right Out: 0.004+/-0.018 χ²/NDF: 13.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.014+/-0.017 χ²/NDF: 14.8/16
All: -0.005+/-0.012 χ²/NDF: 29.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 46.140+/-0.013 χ^2/NDF: 903251.1/15

Left Out: 50.997+/-0.042 χ^2/NDF:0.0/0

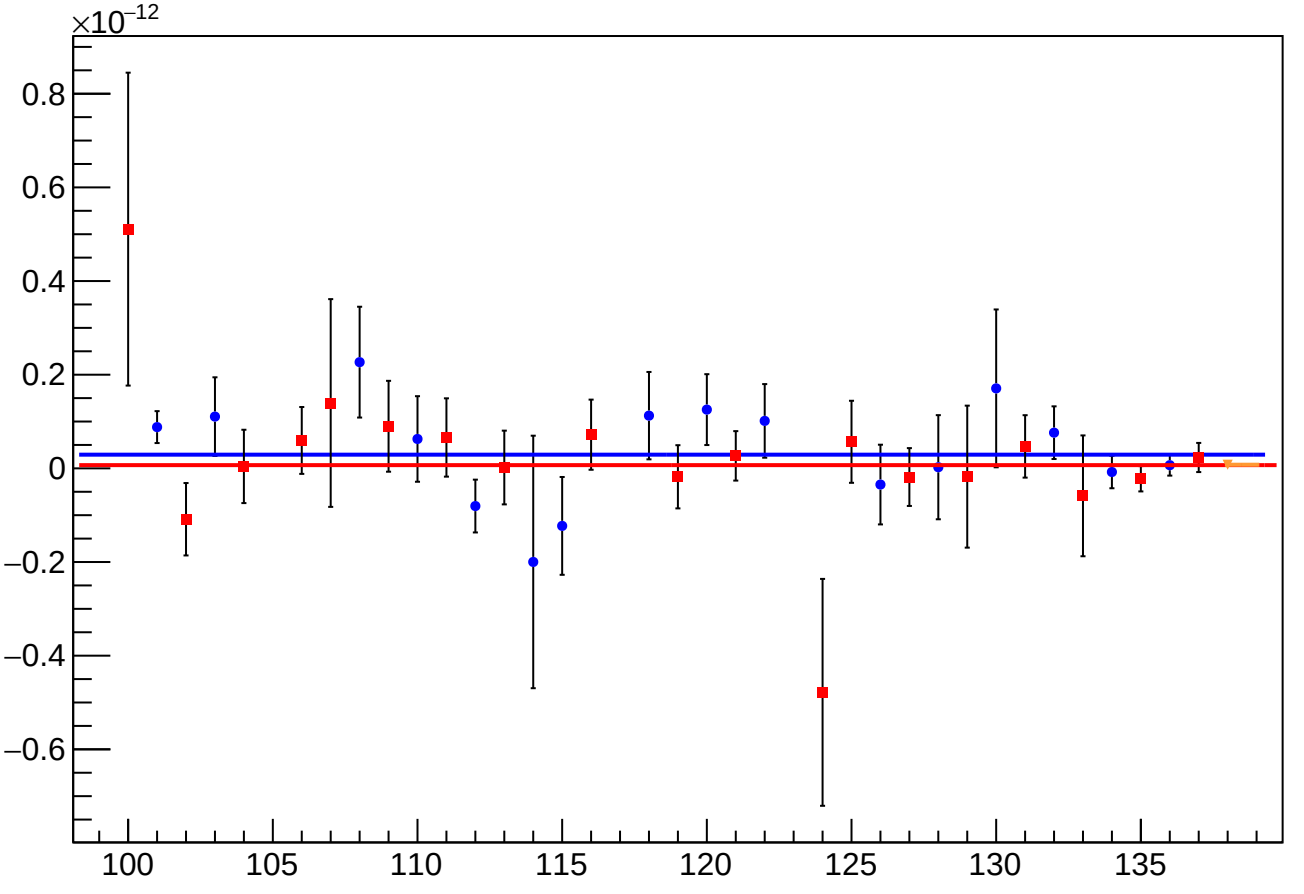
Right Out: 47.448+/-0.013 χ^2/NDF: 654687.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 46.551+/-0.012 χ^2/NDF: 915602.5/16

All: 46.978+/-0.009 χ^2/NDF: 1572870.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

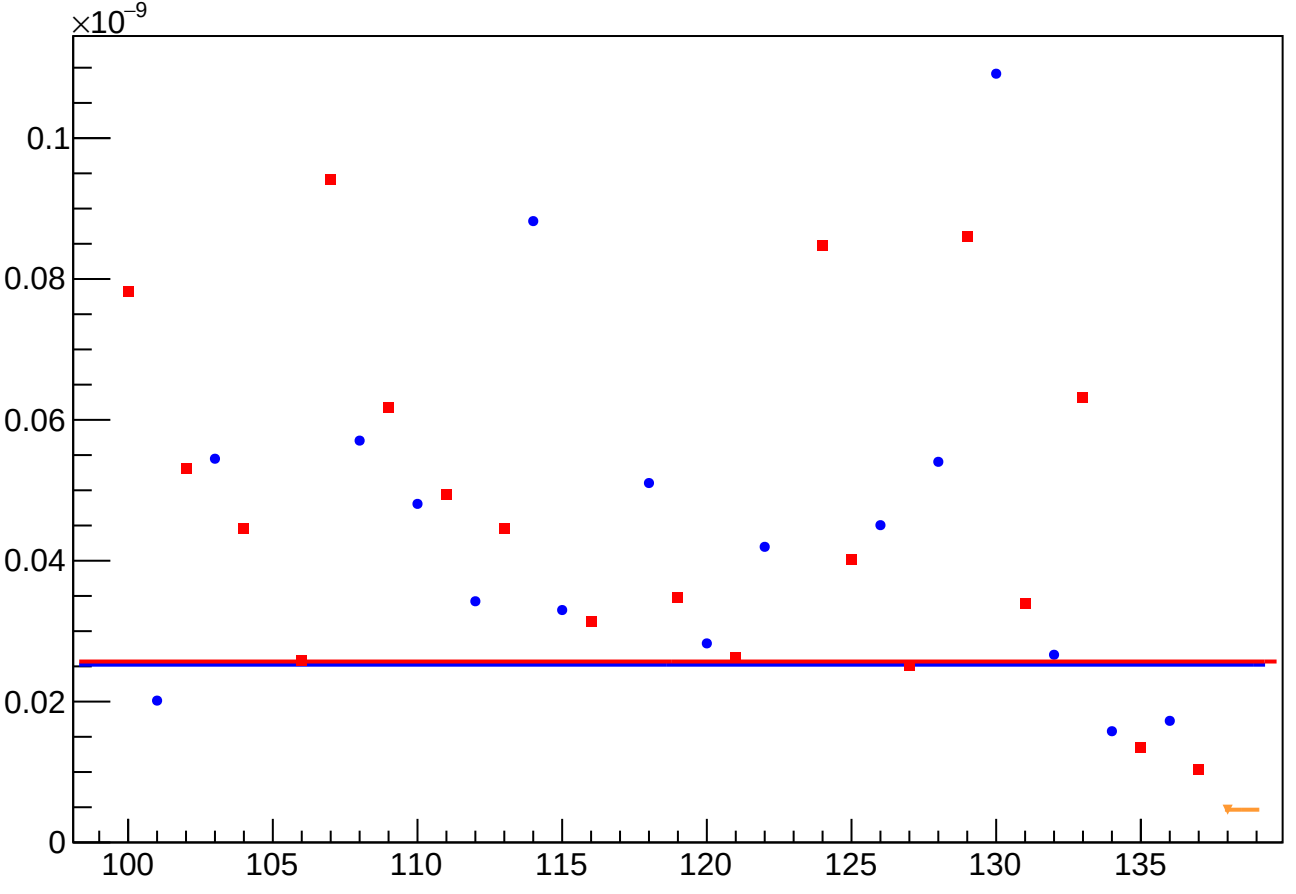
Right Out: 0.000+/-0.000 χ^2/NDF: 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 22.6/16

All: 0.000+/-0.000 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2117960.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2790840.2/18

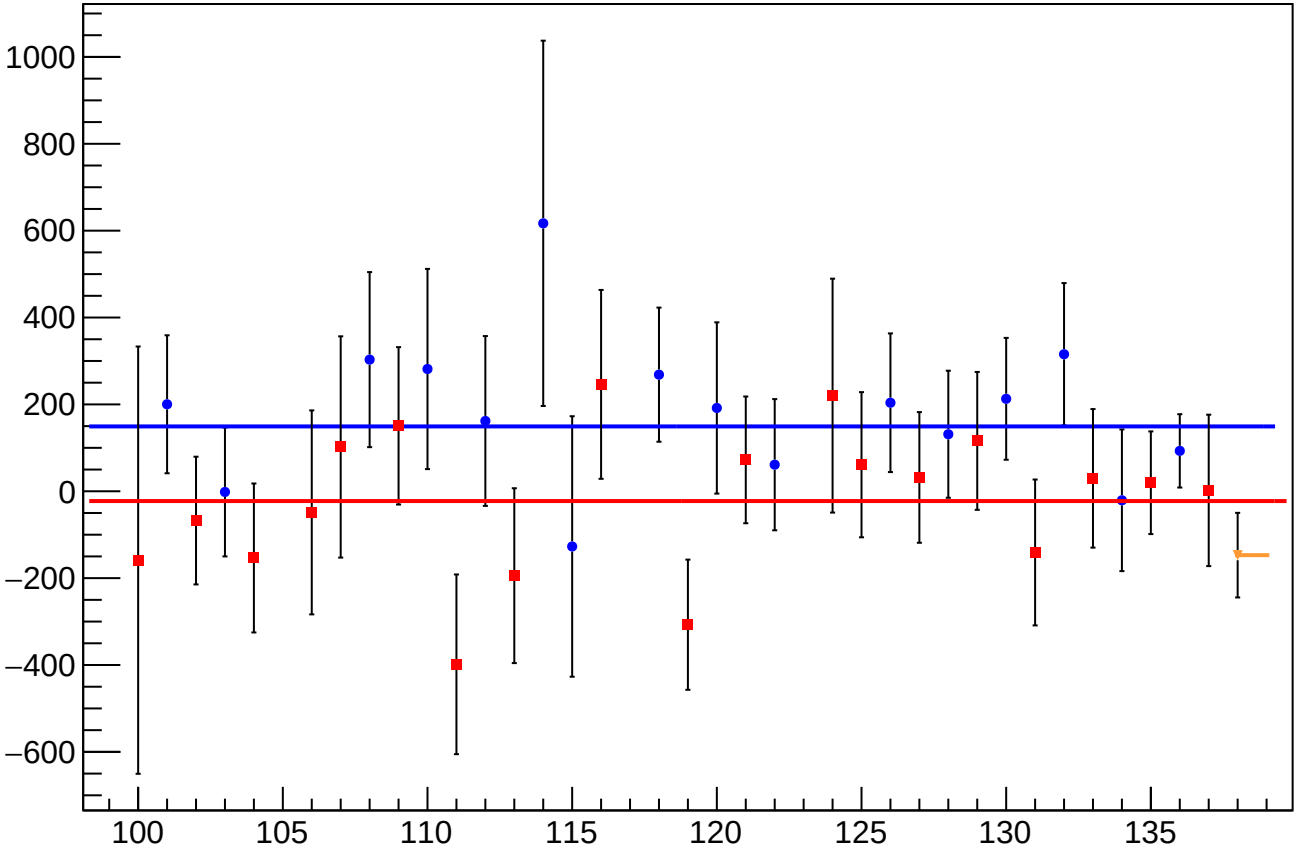
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 5181083.8/16

All: 0.000+/-0.000 χ^2/NDF: 9443849.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 149.303+/-39.687 χ^2/NDF: 8.0/15

Left Out: -147.087+/-97.401 χ^2/NDF:0.0/0

Right Out: -22.549+/-40.100 χ^2/NDF: 14.2/18

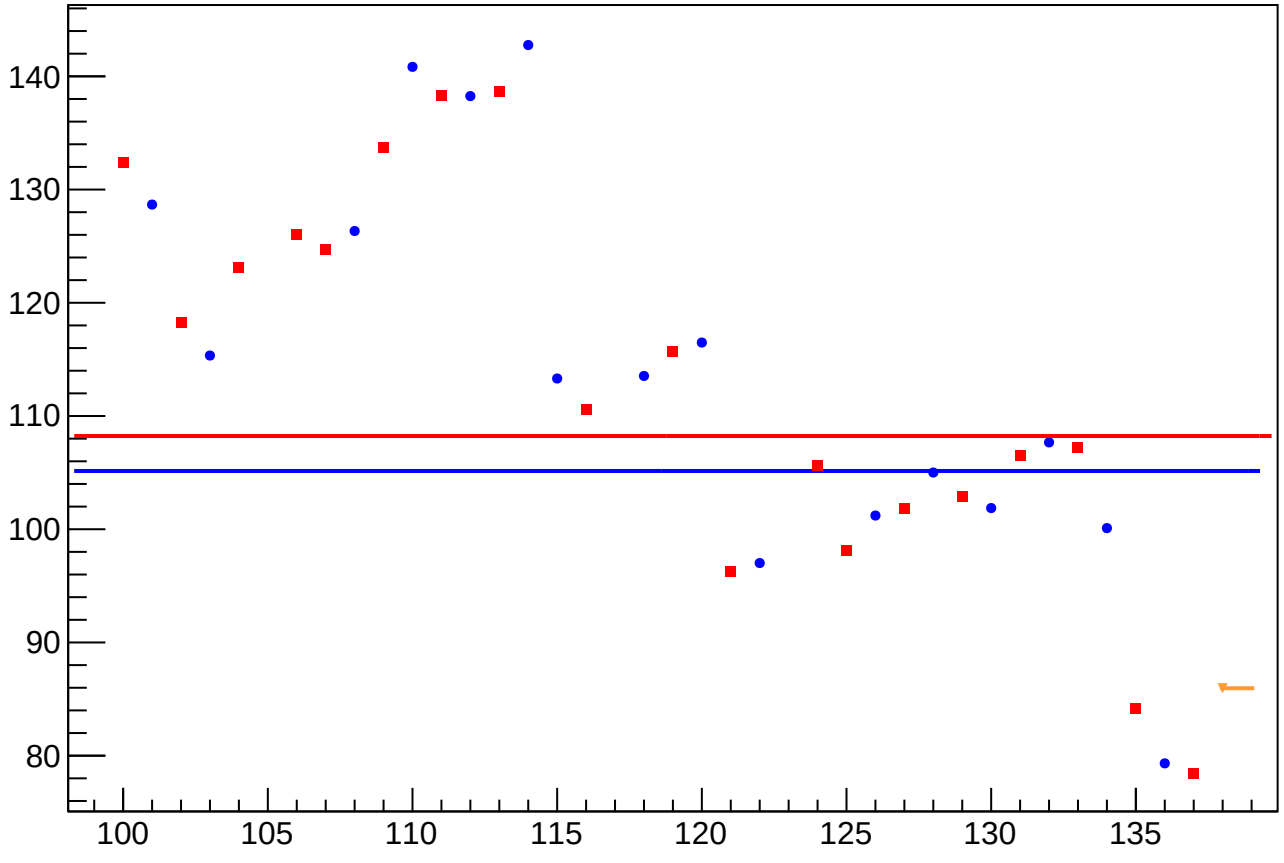
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 107.102+/-36.753 χ^2/NDF: 16.0/16

All: 47.913+/-27.095 χ^2/NDF: 35.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 105.146+/-0.028 χ^2/NDF: 408406.3/15

Left Out: 85.958+/-0.069 χ^2/NDF:0.0/0

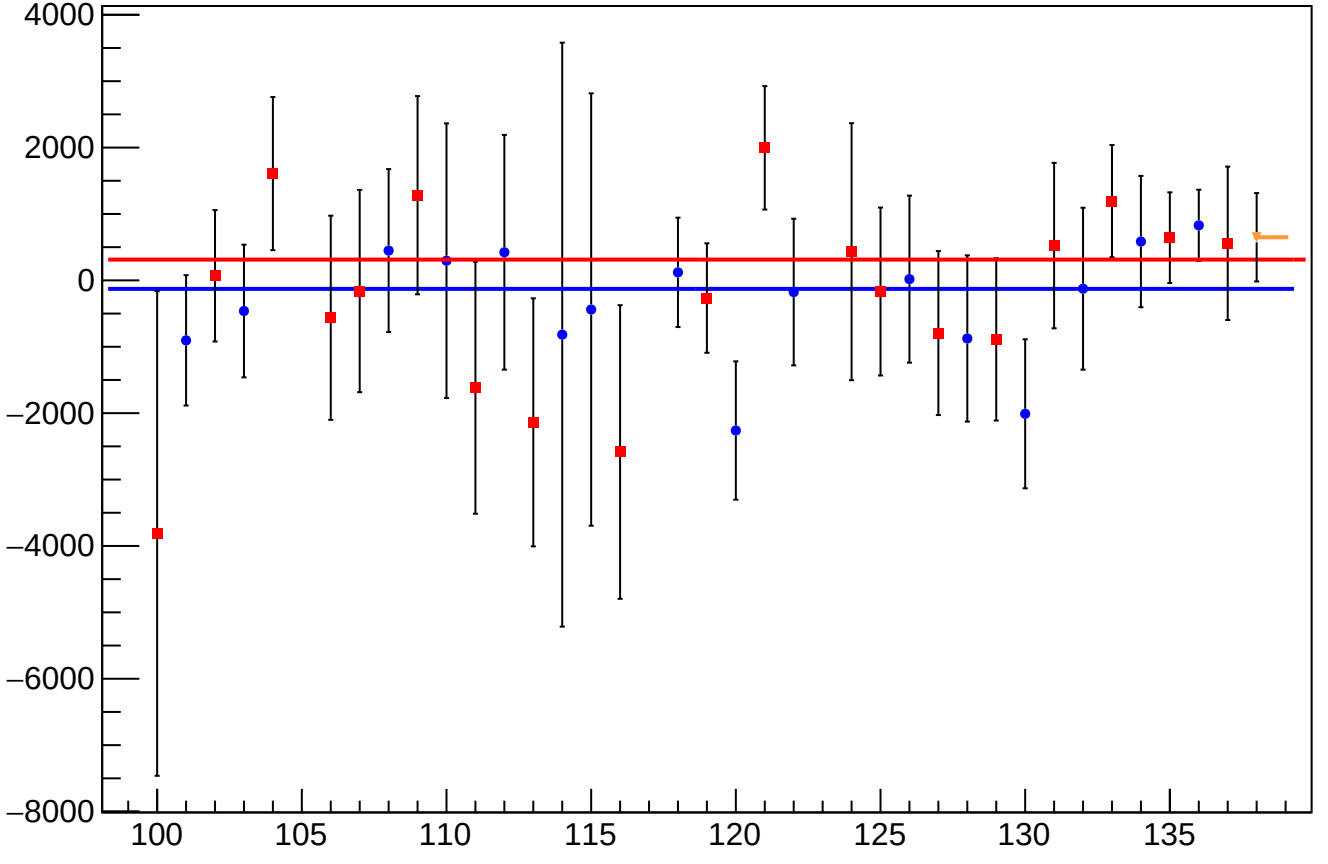
Right Out: 108.233+/-0.028 χ^2/NDF: 349936.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 102.414+/-0.026 χ^2/NDF: 474972.8/16

All: 105.071+/-0.019 χ^2/NDF: 847793.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -128.056+/-268.611 χ^2/NDF: 12.3/15

Left Out: 649.529+/-665.638 χ^2/NDF:0.0/0

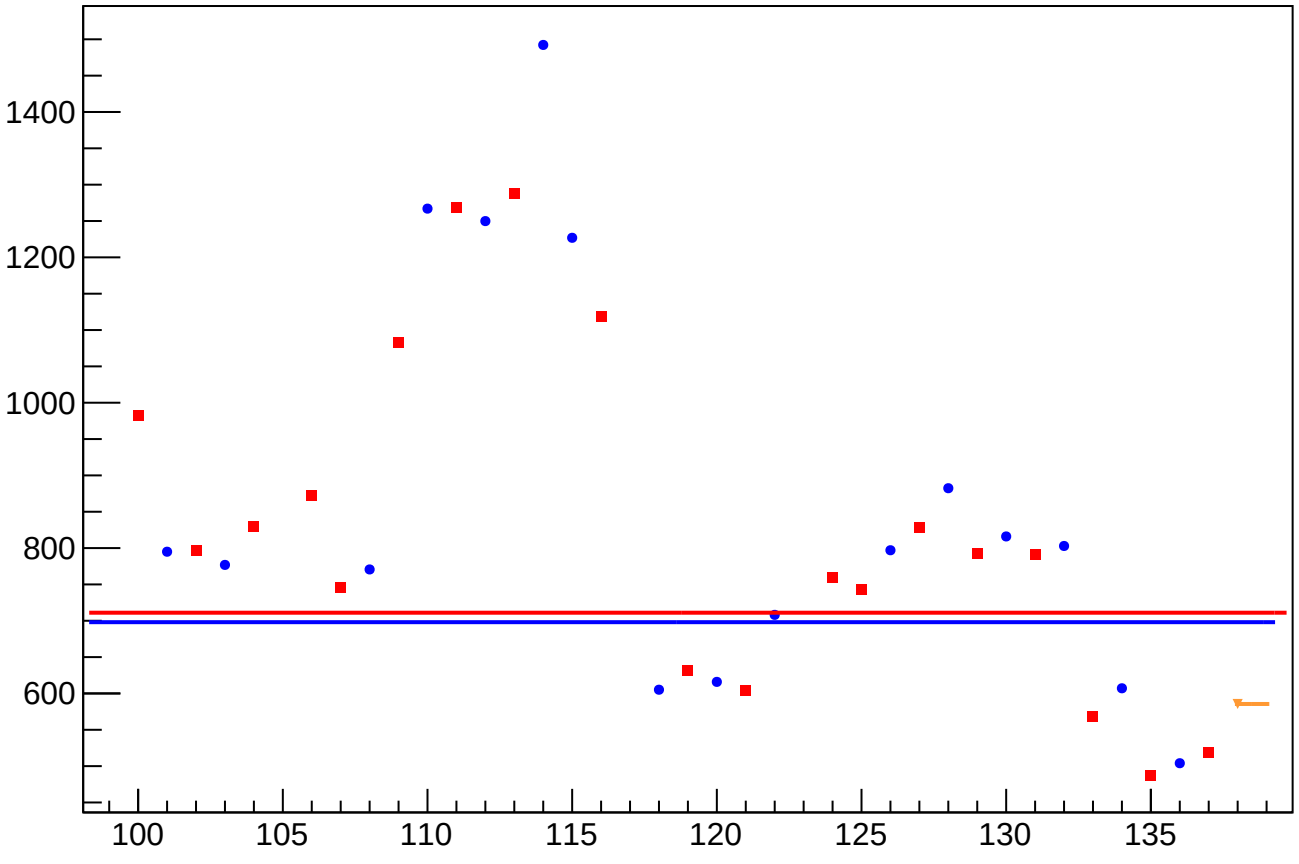
Right Out: 313.031+/-270.131 χ^2/NDF: 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -19.164+/-249.094 χ^2/NDF: 13.5/16

All: 133.497+/-183.122 χ^2/NDF: 29.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 698.055+/-0.190 χ^2/NDF: 912851.5/15

Left Out: 585.511+/-0.471 χ^2/NDF:0.0/0

Right Out: 711.088+/-0.191 χ^2/NDF: 1035118.4/18

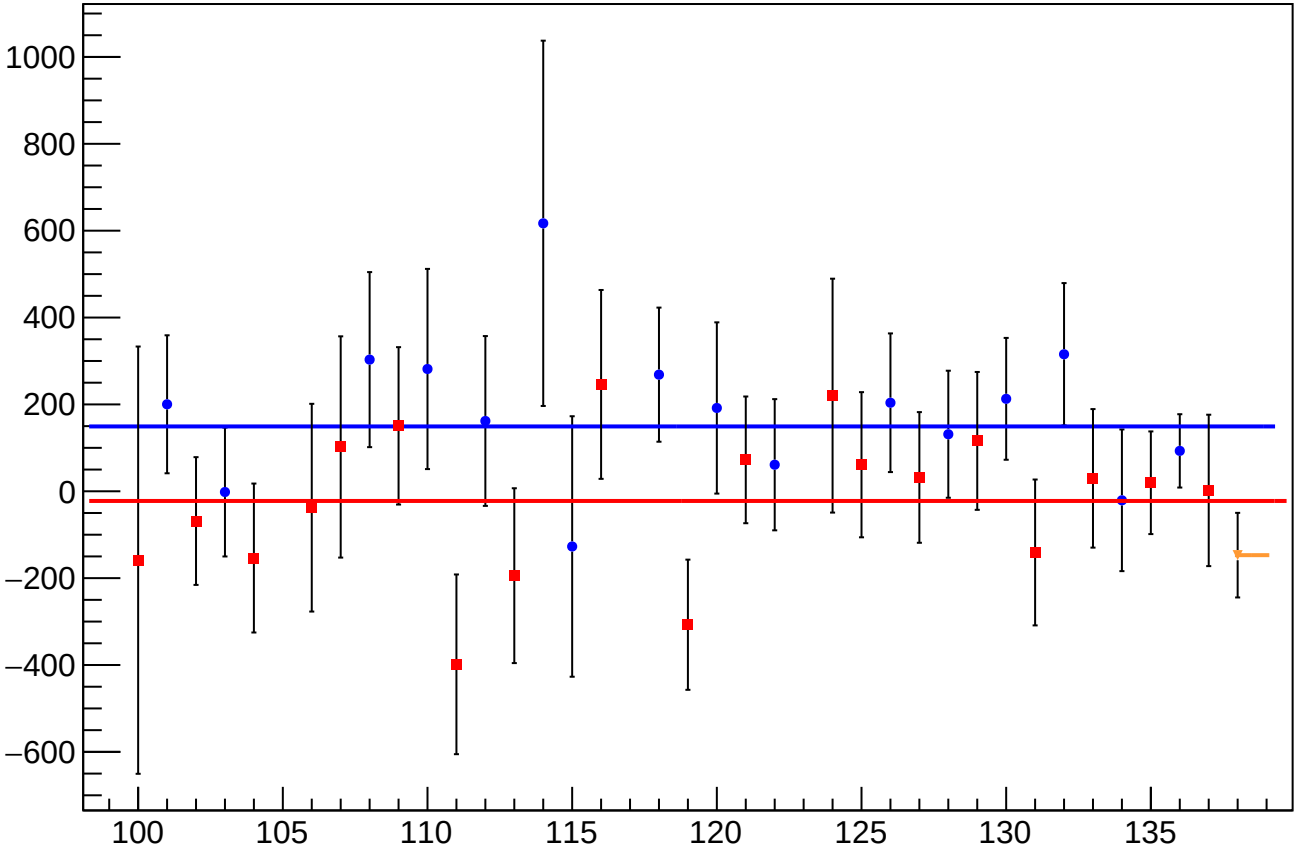
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 682.294+/-0.176 χ^2/NDF: 962018.4/16

All: 695.526+/-0.129 χ^2/NDF: 2009417.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 149.294+/-39.687 χ^2/NDF: 8.0/15

Left Out: -147.081+/-97.401 χ^2/NDF:0.0/0

Right Out: -22.297+/-40.123 χ^2/NDF: 14.2/18

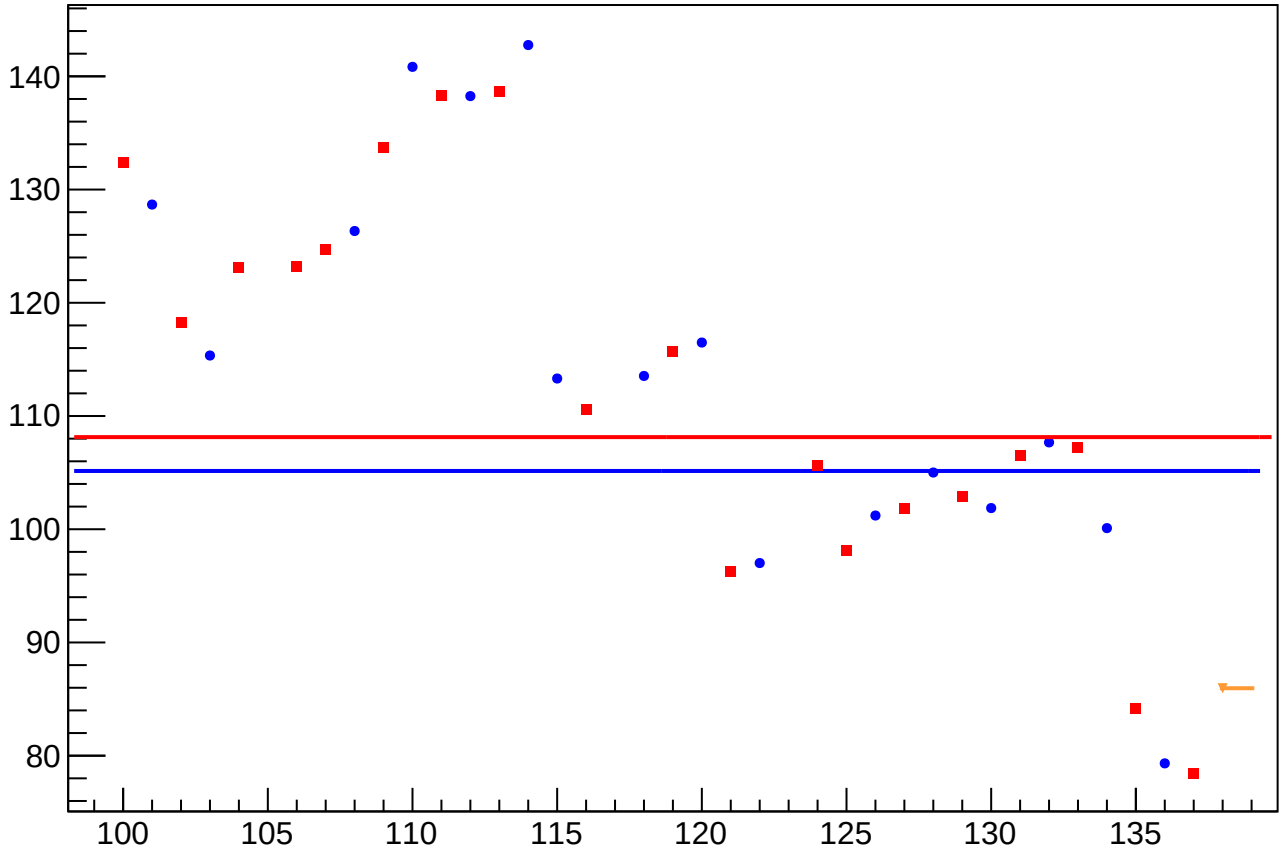
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 107.095+/-36.753 χ^2/NDF: 16.0/16

All: 48.059+/-27.101 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 105.146+/-0.028 χ^2/NDF: 408406.5/15

Left Out: 85.958+/-0.069 χ^2/NDF:0.0/0

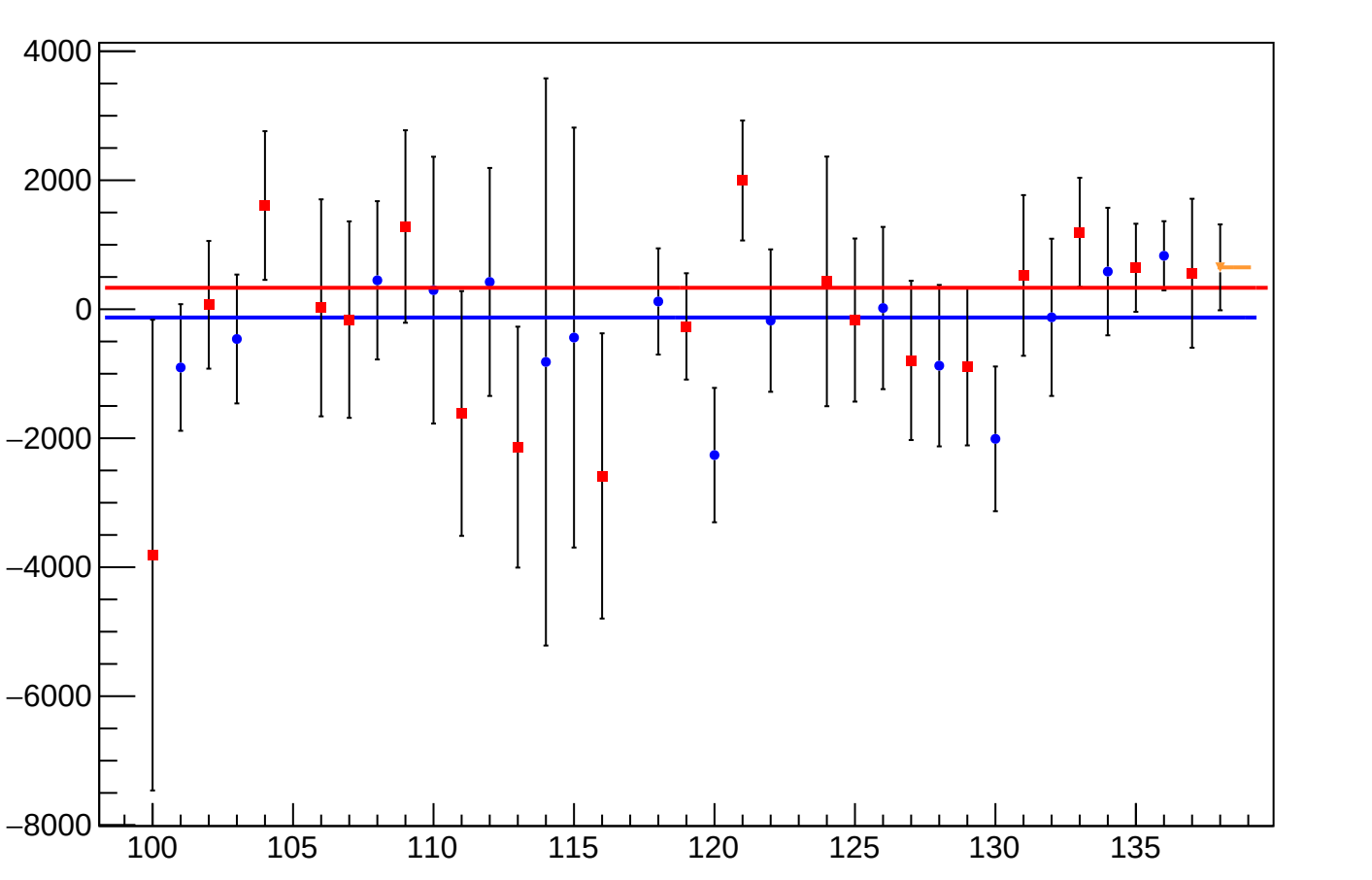
Right Out: 108.136+/-0.028 χ^2/NDF: 346321.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 102.414+/-0.026 χ^2/NDF: 474973.0/16

All: 105.025+/-0.019 χ^2/NDF: 843414.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -128.047+/-268.611 χ^2/NDF: 12.3/15

Left Out: 649.538+/-665.638 χ^2/NDF:0.0/0

Right Out: 332.665+/-270.835 χ^2/NDF: 14.7/18

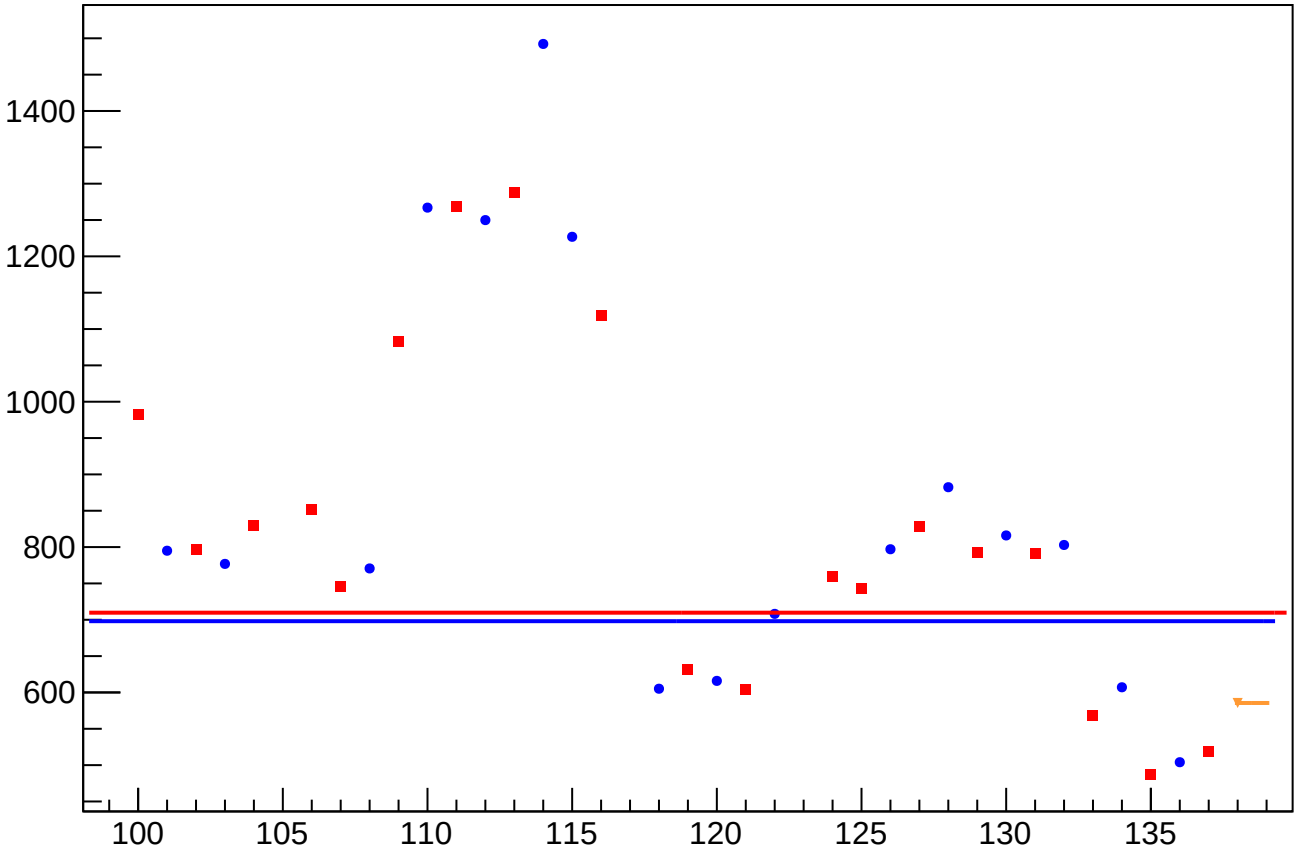
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -19.154+/-249.094 χ^2/NDF: 13.5/16

All: 142.070+/-183.341 χ^2/NDF: 29.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 698.055+/-0.190 χ^2/NDF: 912861.2/15

Left Out: 585.511+/-0.471 χ^2/NDF:0.0/0

Right Out: 709.748+/-0.192 χ^2/NDF: 1027114.2/18

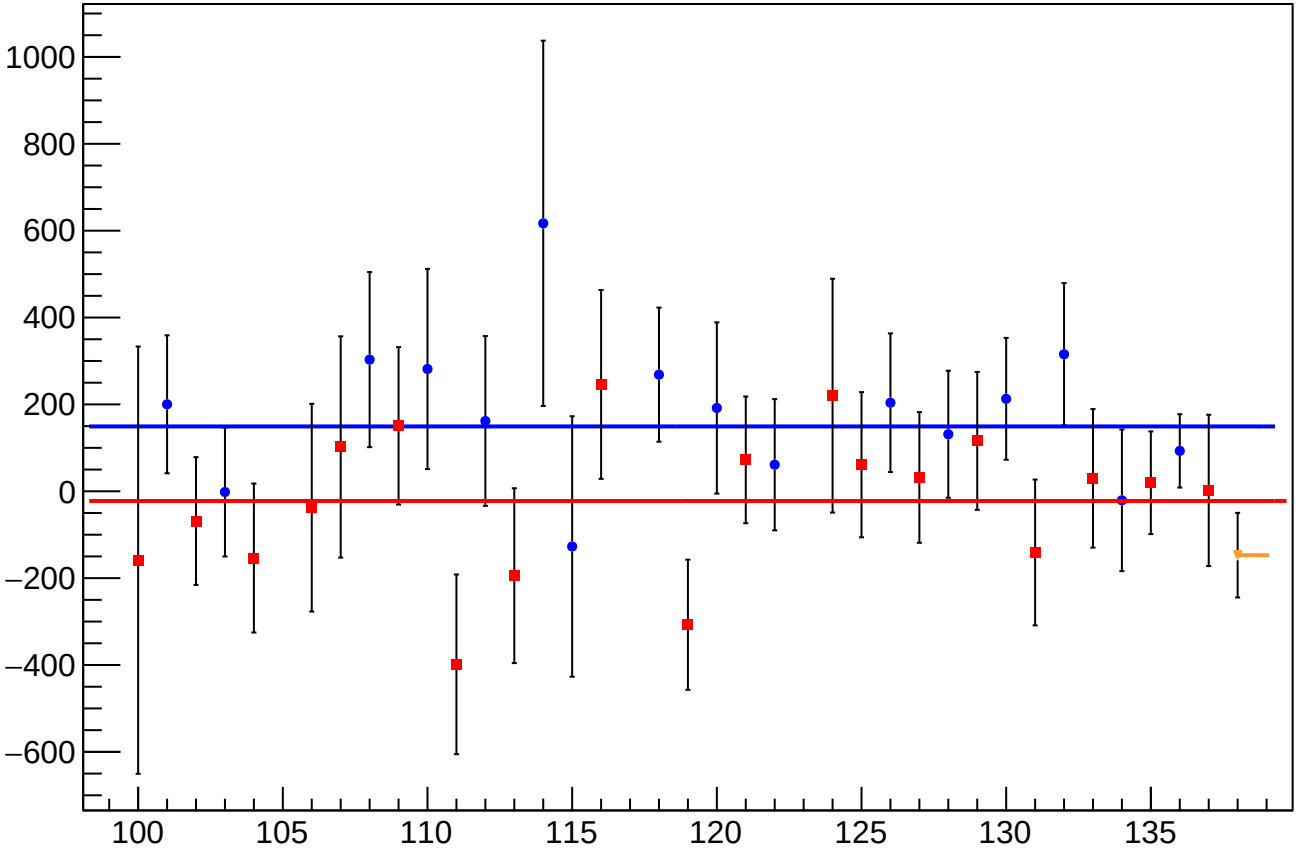
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 682.294+/-0.176 χ^2/NDF: 962028.8/16

All: 694.875+/-0.130 χ^2/NDF: 2000276.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 149.294+/-39.687 χ^2/NDF: 8.0/15

Left Out: -147.081+/-97.401 χ^2/NDF:0.0/0

Right Out: -22.297+/-40.123 χ^2/NDF: 14.2/18

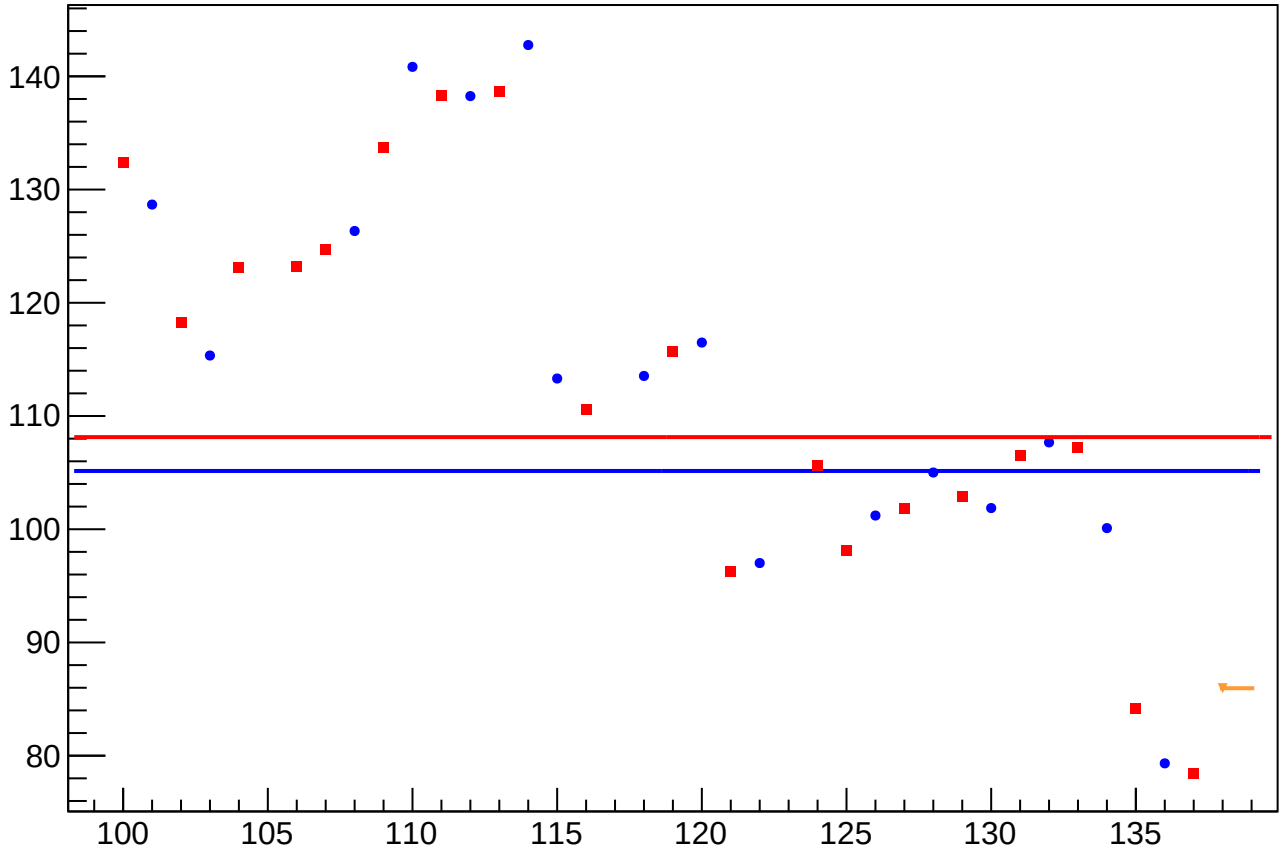
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 107.095+/-36.753 χ^2/NDF: 16.0/16

All: 48.059+/-27.101 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 105.146+/-0.028 χ^2/NDF: 408406.5/15

Left Out: 85.958+/-0.069 χ^2/NDF:0.0/0

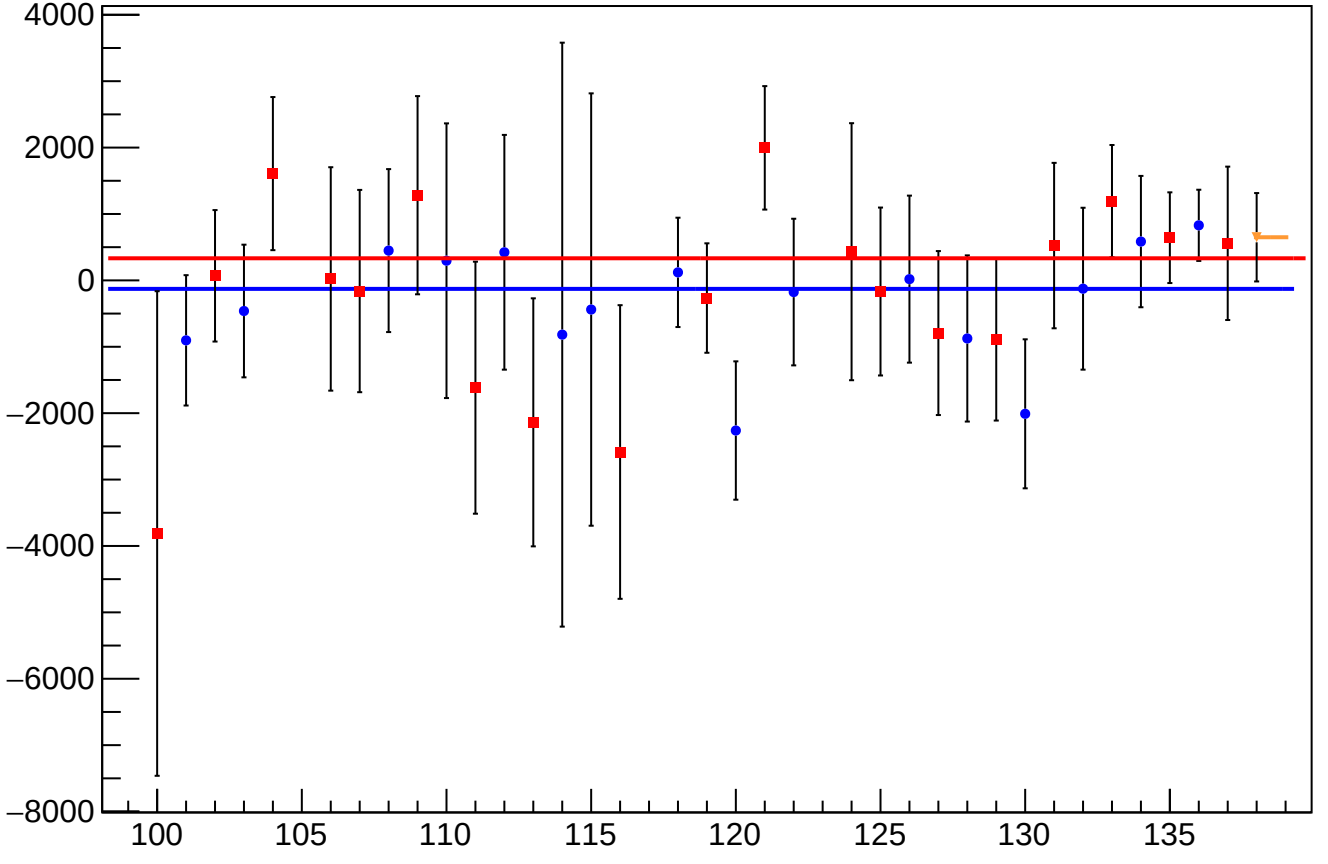
Right Out: 108.136+/-0.028 χ^2/NDF: 346321.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 102.414+/-0.026 χ^2/NDF: 474973.0/16

All: 105.025+/-0.019 χ^2/NDF: 843414.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -128.047+/-268.611 χ^2/NDF: 12.3/15

Left Out: 649.538+/-665.638 χ^2/NDF:0.0/0

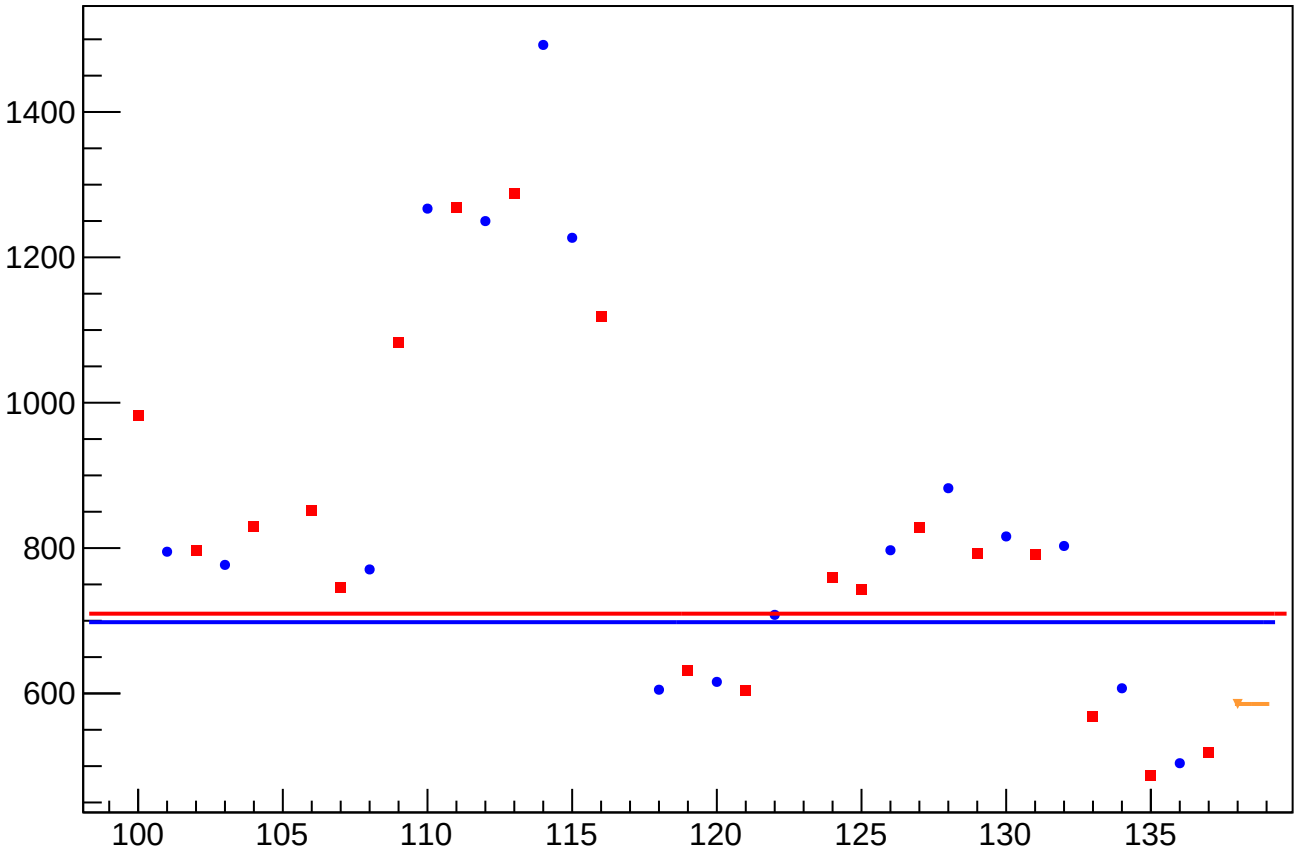
Right Out: 332.665+/-270.835 χ^2/NDF: 14.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -19.154+/-249.094 χ^2/NDF: 13.5/16

All: 142.070+/-183.341 χ^2/NDF: 29.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 698.055+/-0.190 χ^2/NDF: 912861.2/15

Left Out: 585.511+/-0.471 χ^2/NDF:0.0/0

Right Out: 709.748+/-0.192 χ^2/NDF: 1027114.2/18

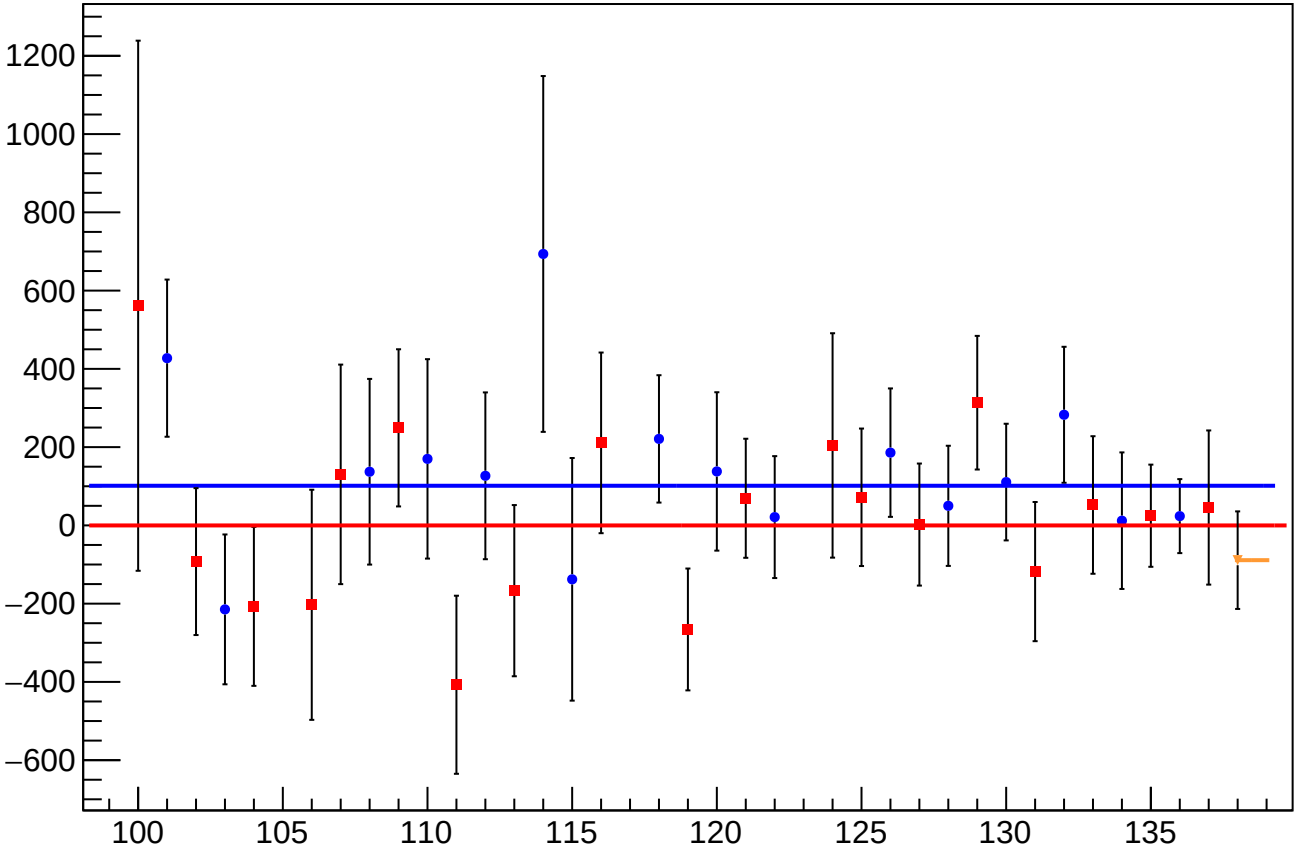
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 682.294+/-0.176 χ^2/NDF: 962028.8/16

All: 694.875+/-0.130 χ^2/NDF: 2000276.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 101.281+/-43.510 χ^2/NDF: 11.0/15

Left Out: -88.875+/-124.668 χ^2/NDF:0.0/0

Right Out: -0.125+/-44.035 χ^2/NDF: 16.6/18

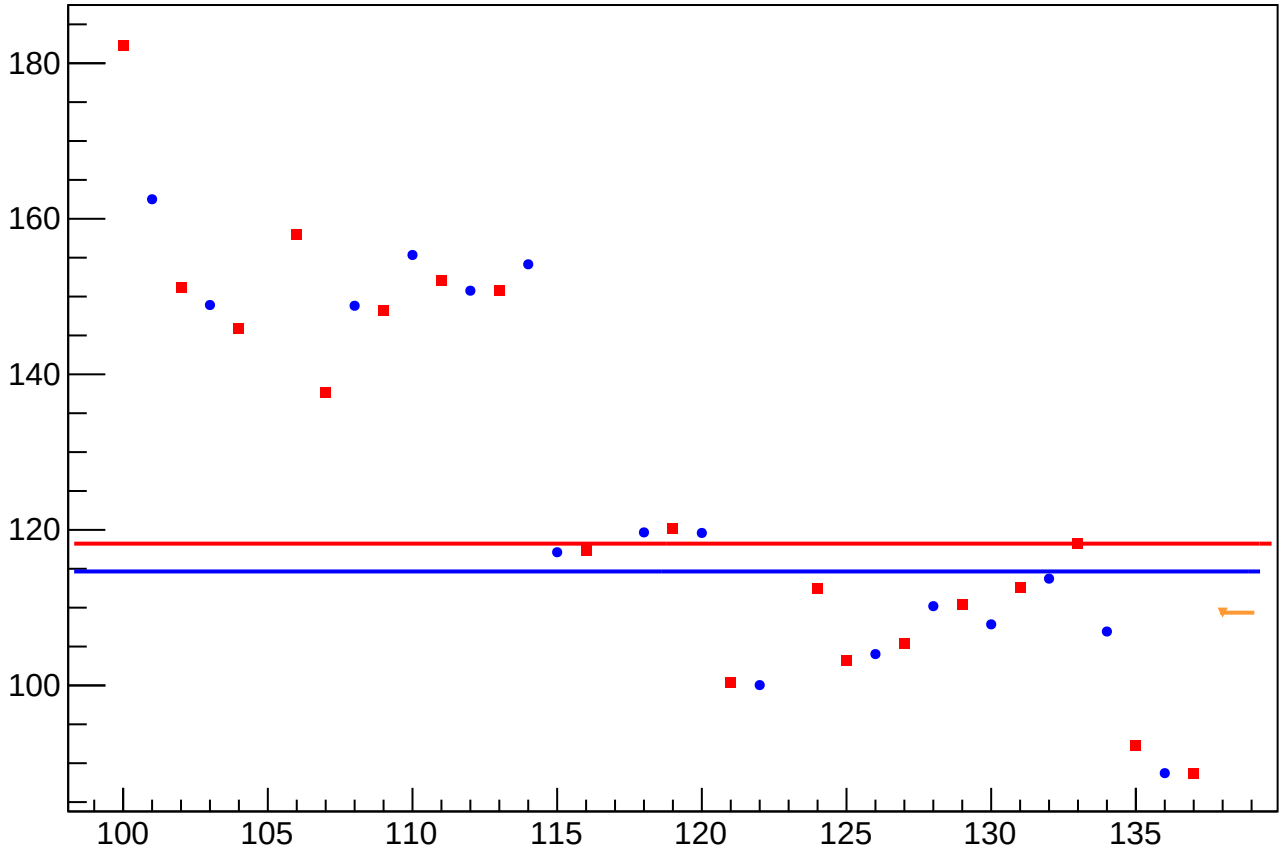
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 80.634+/-41.080 χ^2/NDF: 13.1/16

All: 43.055+/-30.038 χ^2/NDF: 31.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 114.655+/-0.031 χ^2/NDF: 531976.2/15

Left Out: 109.357+/-0.088 χ^2/NDF:0.0/0

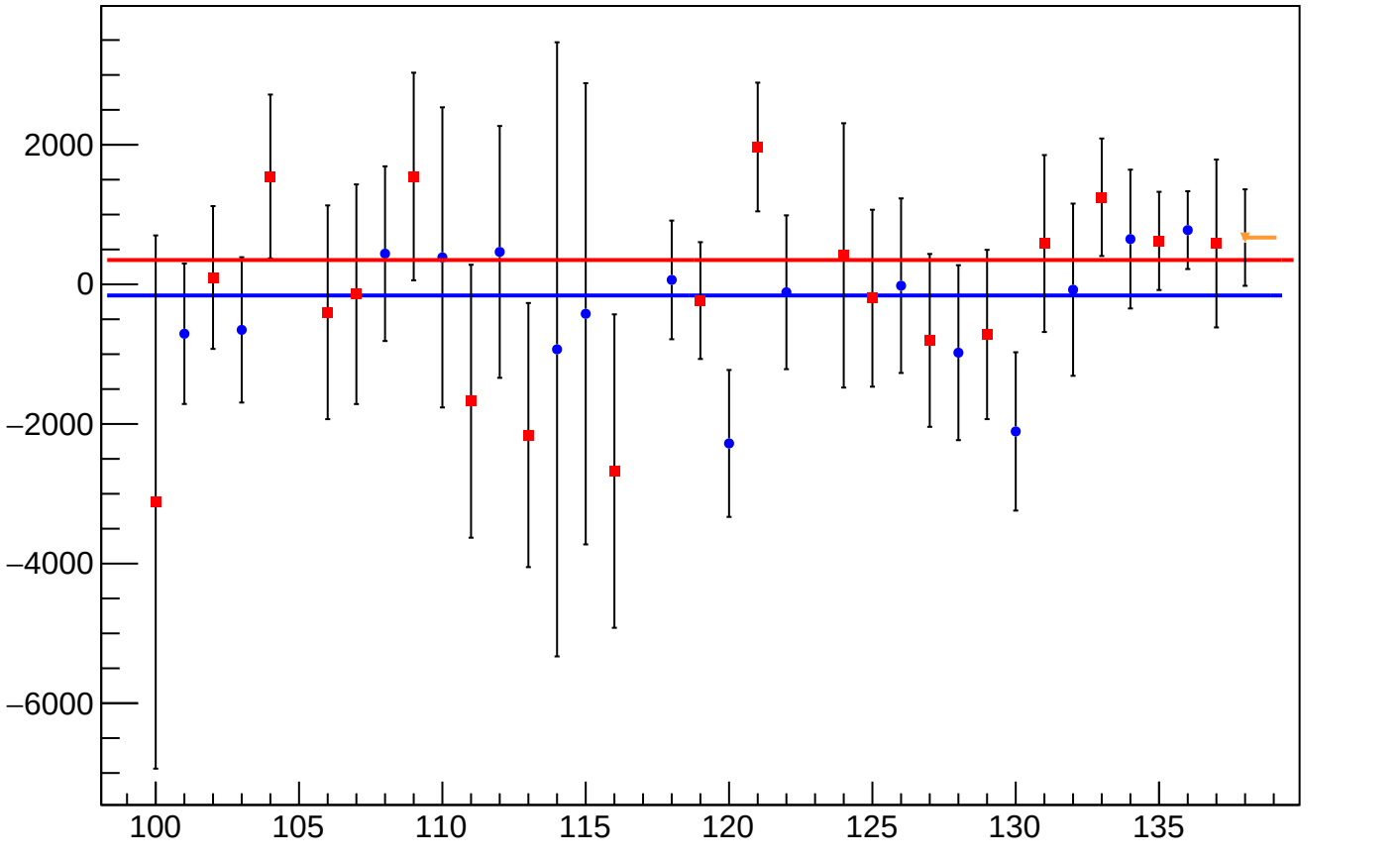
Right Out: 118.230+/-0.031 χ^2/NDF: 483407.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 114.079+/-0.029 χ^2/NDF: 535194.9/16

All: 116.011+/-0.021 χ^2/NDF: 1028105.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -159.110+/-274.558 χ^2/NDF: 12.0/15

Left Out: 670.387+/-690.926 χ^2/NDF:0.0/0

Right Out: 348.528+/-273.595 χ^2/NDF: 14.3/18

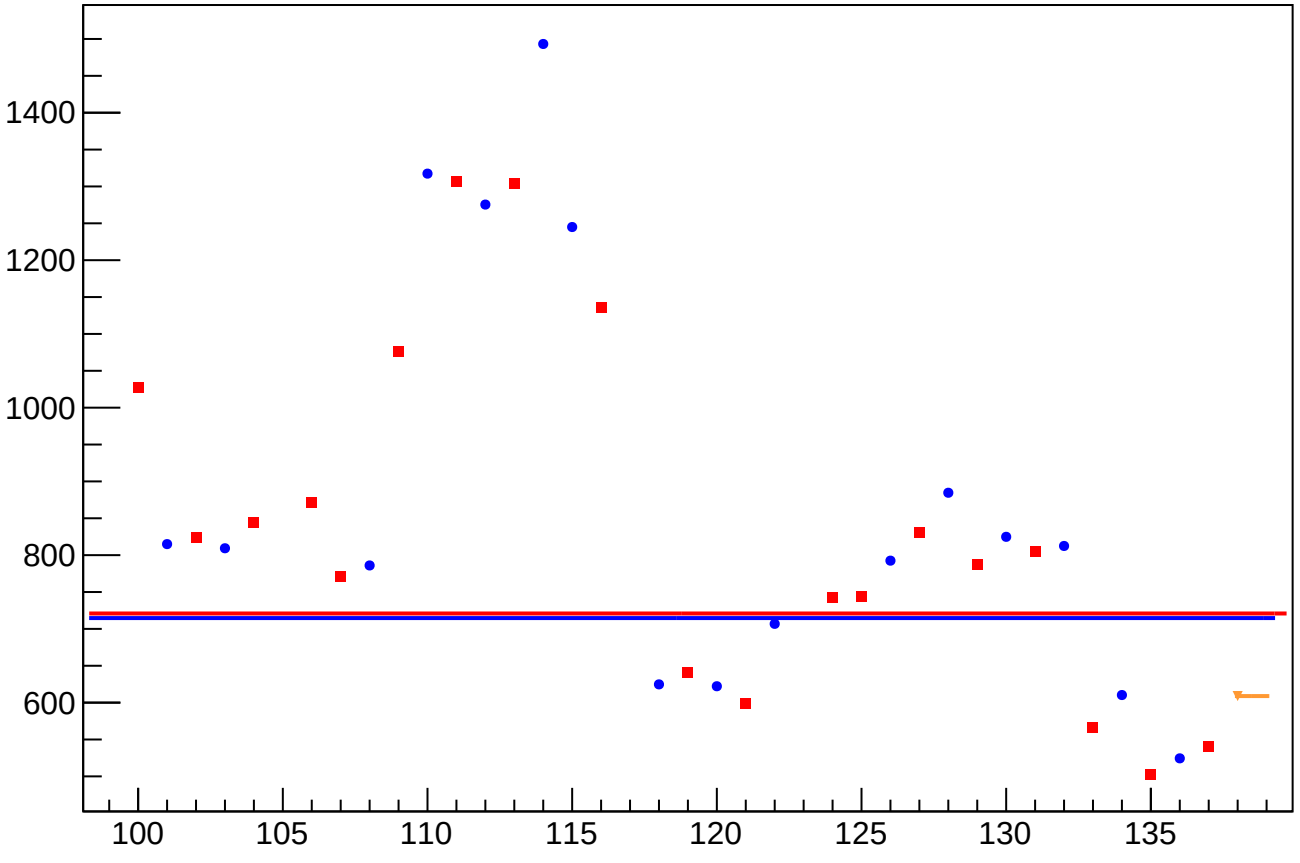
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -45.989+/-255.150 χ^2/NDF: 13.2/16

All: 137.524+/-186.599 χ^2/NDF: 28.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 714.666+/-0.194 χ^2/NDF: 876217.1/15

Left Out: 608.890+/-0.489 χ^2/NDF:0.0/0

Right Out: 720.885+/-0.193 χ^2/NDF: 1018435.1/18

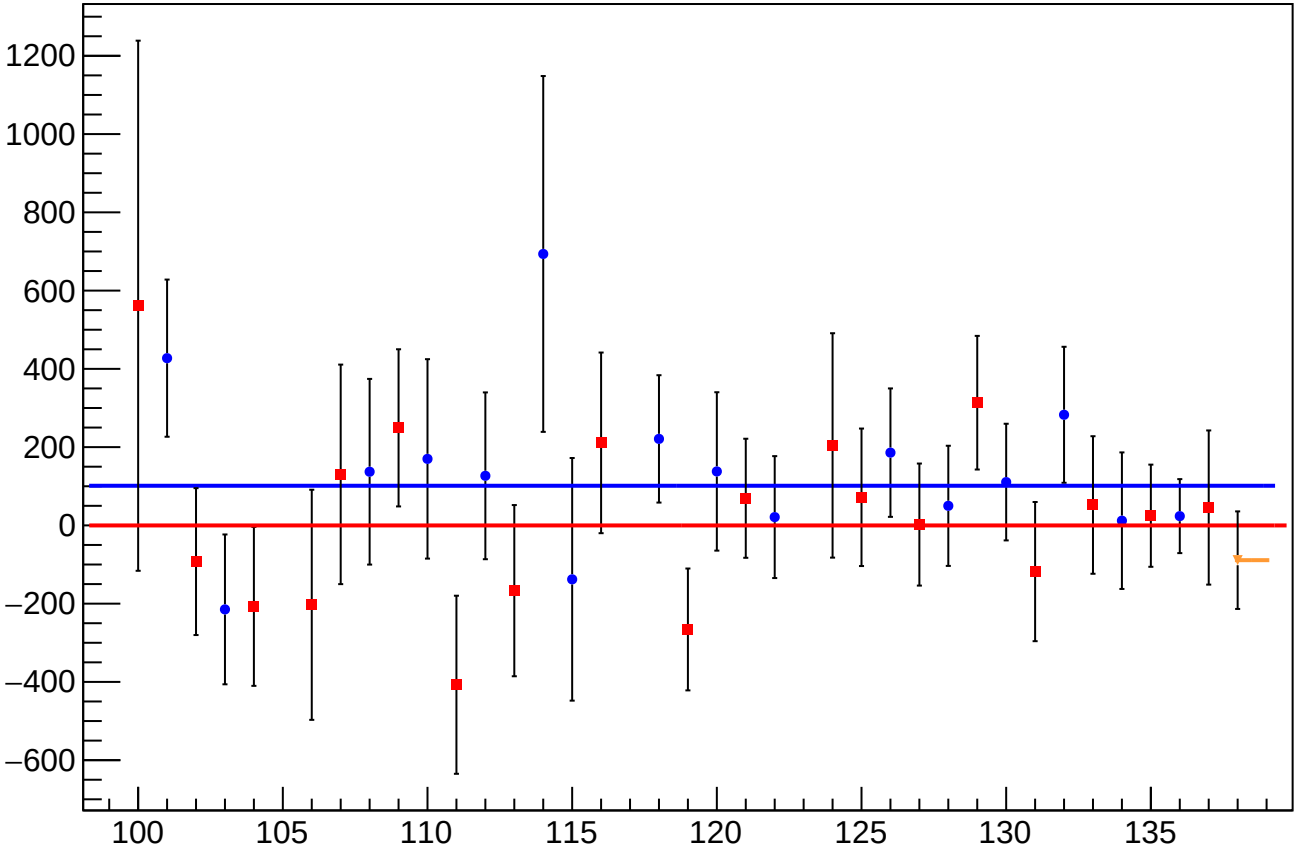
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 700.241+/-0.180 χ^2/NDF: 916699.8/16

All: 709.844+/-0.132 χ^2/NDF: 1941224.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 101.278+/-43.510 χ^2/NDF: 11.0/15

Left Out: -88.875+/-124.668 χ^2/NDF:0.0/0

Right Out: -0.125+/-44.035 χ^2/NDF: 16.6/18

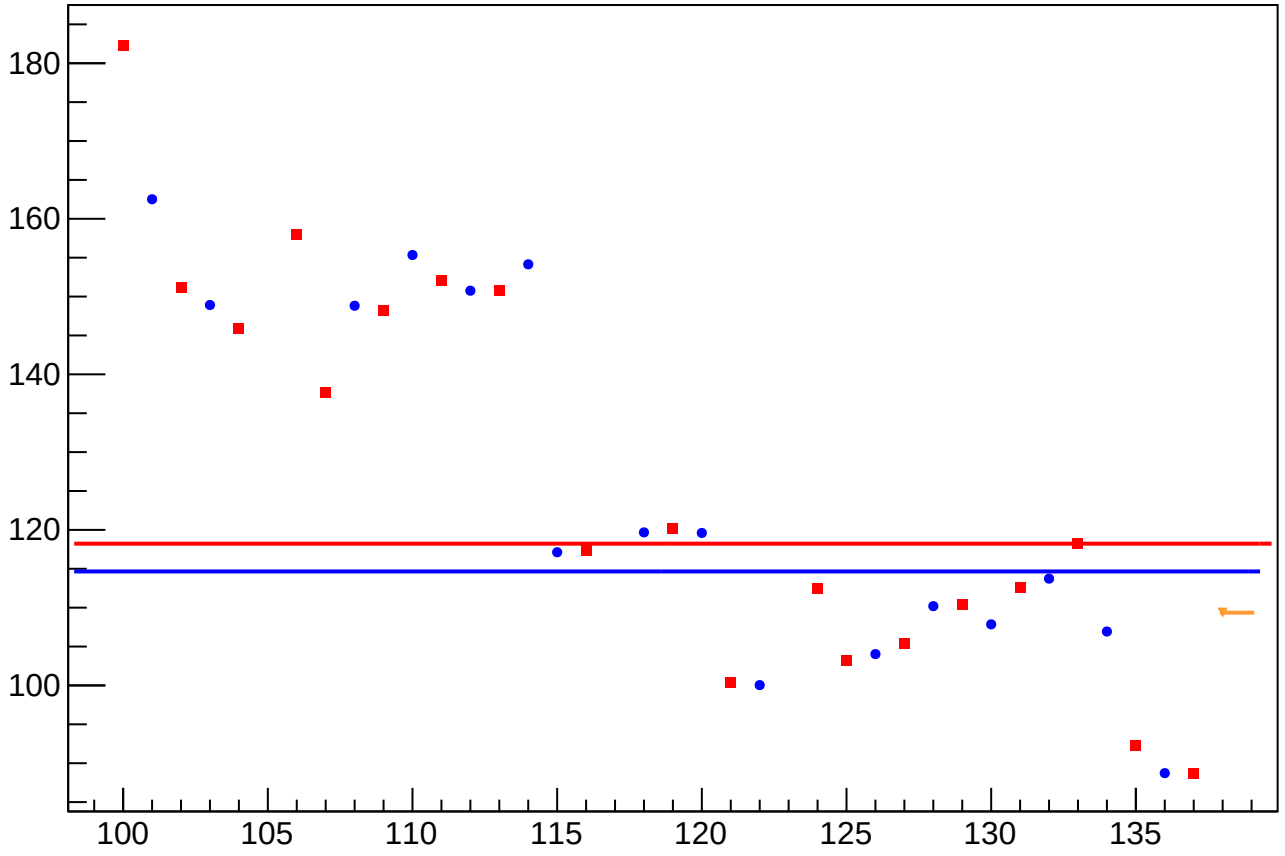
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 80.632+/-41.080 χ^2/NDF: 13.1/16

All: 43.054+/-30.038 χ^2/NDF: 31.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 114.655+/-0.031 χ^2/NDF: 531962.9/15

Left Out: 109.358+/-0.088 χ^2/NDF:0.0/0

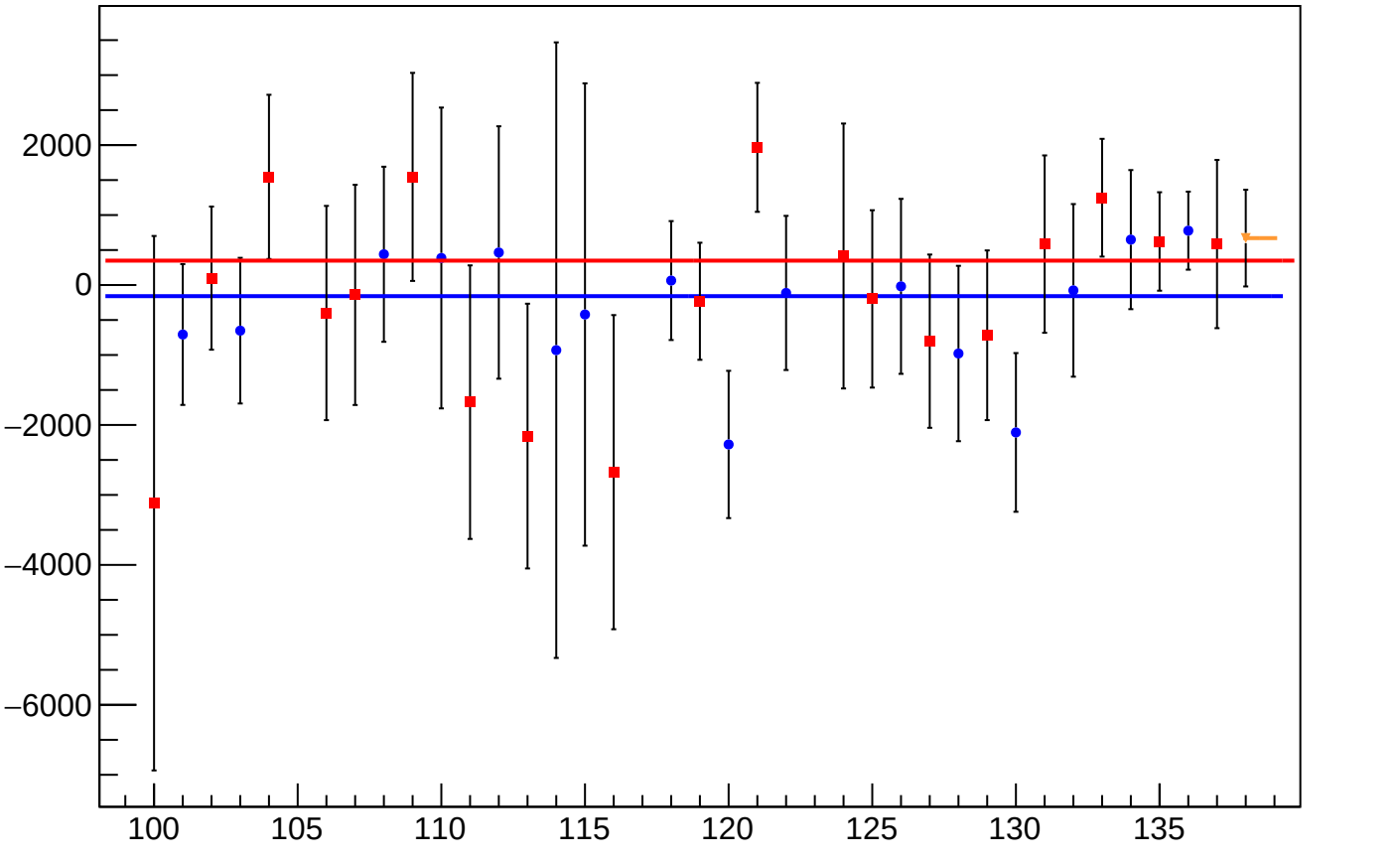
Right Out: 118.230+/-0.031 χ^2/NDF: 483401.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 114.080+/-0.029 χ^2/NDF: 535181.8/16

All: 116.011+/-0.021 χ^2/NDF: 1028084.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -159.112+/-274.558 χ^2/NDF: 12.0/15

Left Out: 670.388+/-690.926 χ^2/NDF:0.0/0

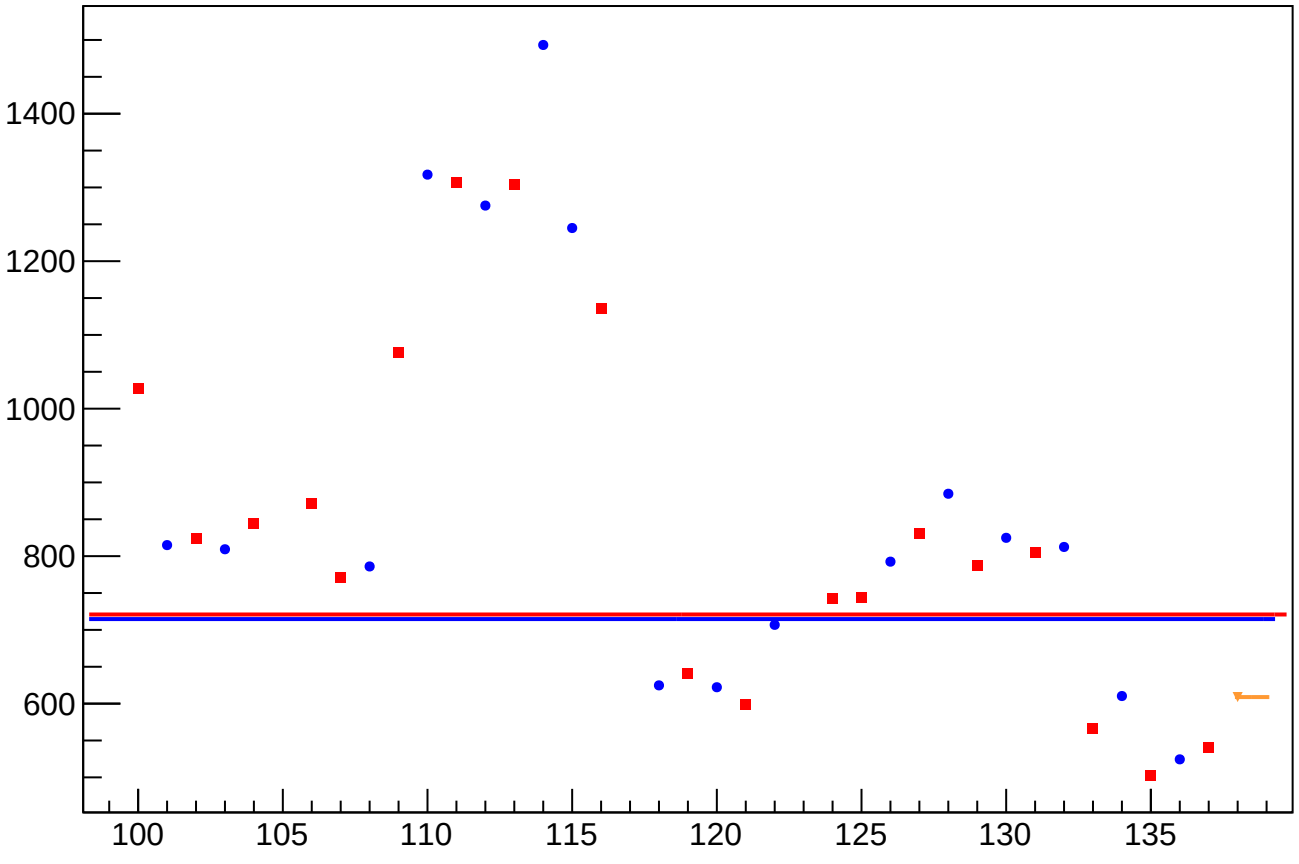
Right Out: 348.528+/-273.595 χ^2/NDF: 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -45.991+/-255.150 χ^2/NDF: 13.2/16

All: 137.523+/-186.599 χ^2/NDF: 28.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 714.666+/-0.194 χ^2/NDF: 876211.4/15

Left Out: 608.890+/-0.489 χ^2/NDF:0.0/0

Right Out: 720.884+/-0.193 χ^2/NDF: 1018428.9/18

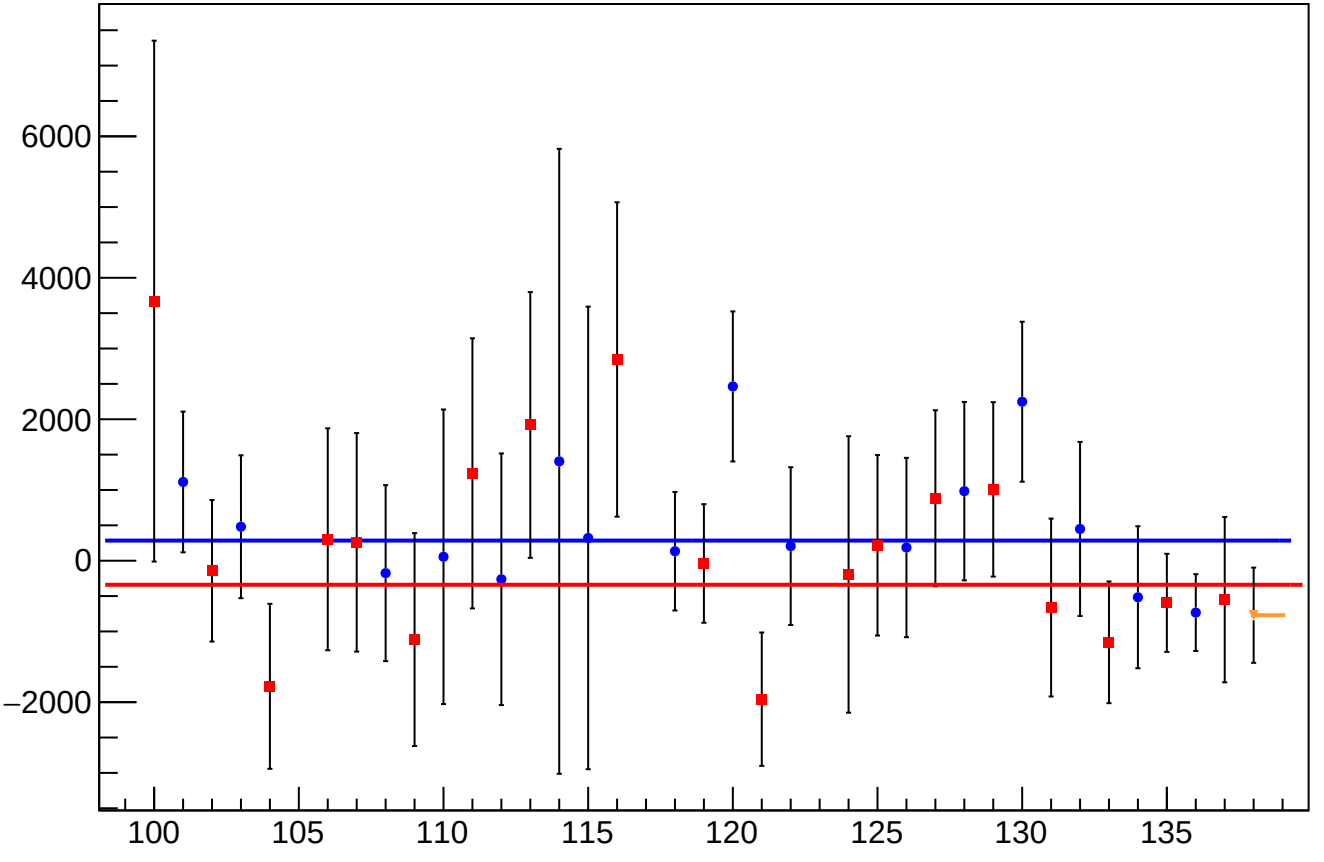
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 700.241+/-0.180 χ^2/NDF: 916694.0/16

All: 709.844+/-0.132 χ^2/NDF: 1941212.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 284.780+/-271.944 χ^2/NDF: 12.8/15

Left Out: -770.574+/-672.970 χ^2/NDF:0.0/0

Right Out: -340.018+/-273.601 χ^2/NDF: 14.1/18

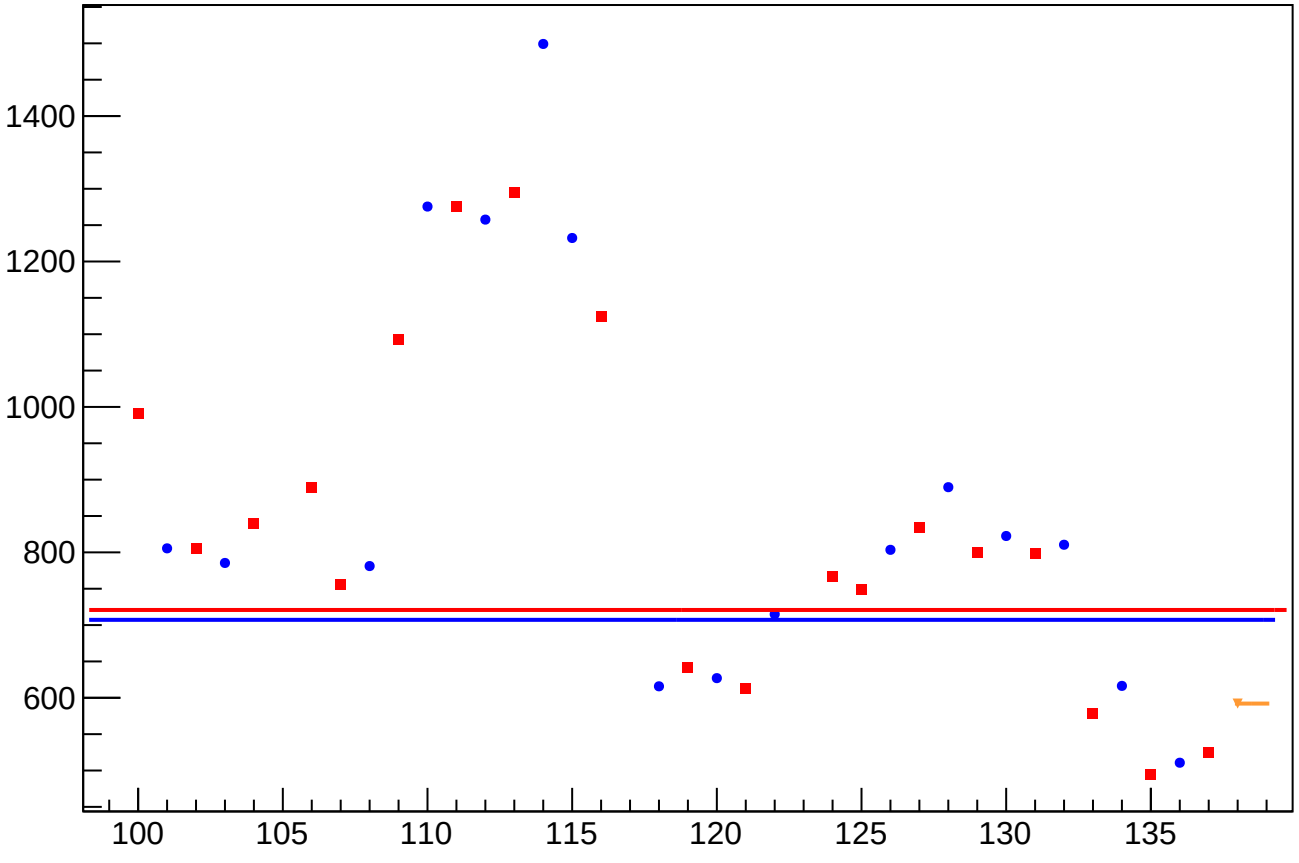
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 136.638+/-252.136 χ^2/NDF: 14.9/16

All: -82.261+/-185.412 χ^2/NDF: 30.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 707.209+/-0.192 χ^2/NDF: 896689.9/15

Left Out: 592.053+/-0.476 χ^2/NDF:0.0/0

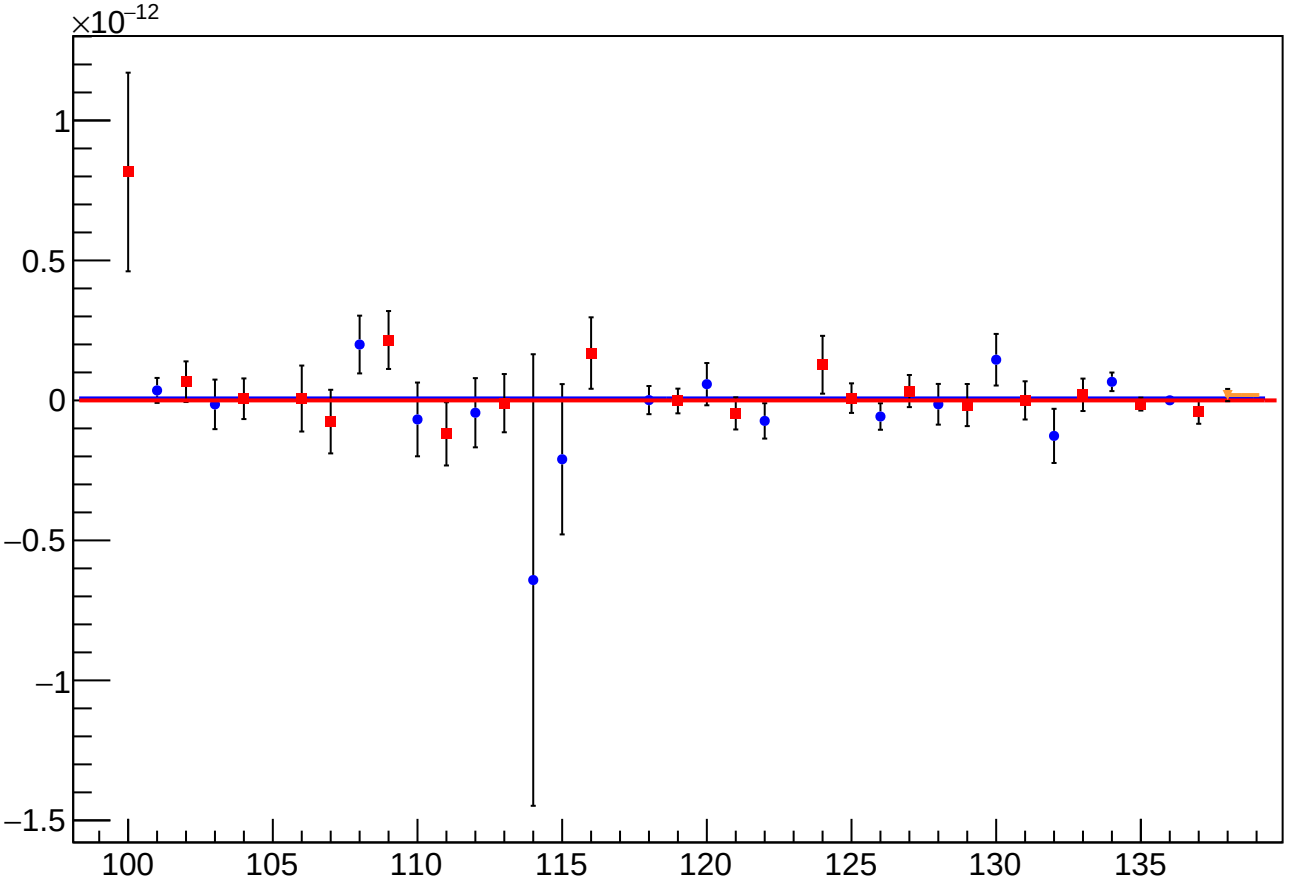
Right Out: 720.778+/-0.193 χ^2/NDF: 1015277.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 691.045+/-0.178 χ^2/NDF: 947031.1/16

All: 704.699+/-0.131 χ^2/NDF: 1975081.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

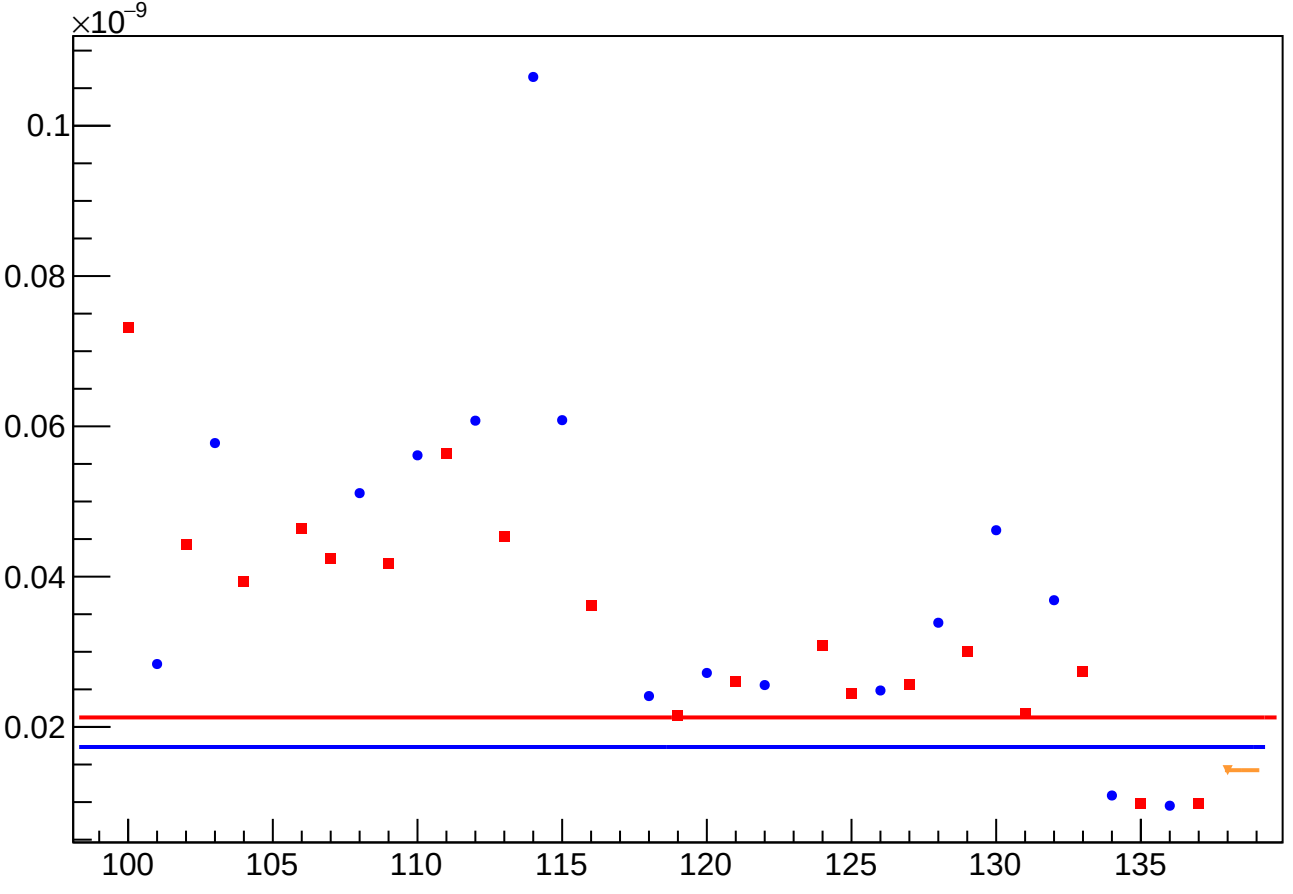
Right Out: 0.000+/-0.000 χ^2/NDF: 17.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 17.6/16

All: 0.000+/-0.000 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2368825.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1671050.7/18

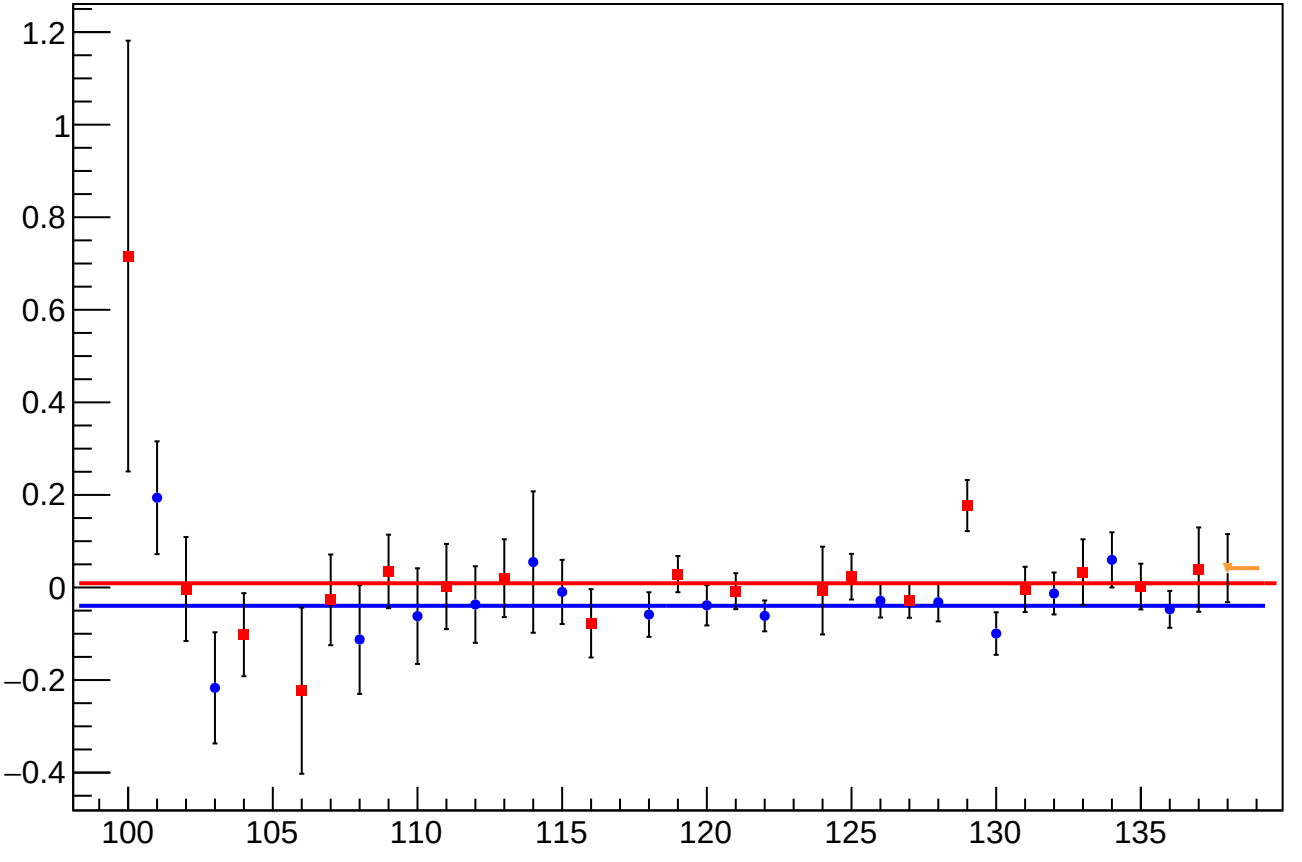
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2400075.0/16

All: 0.000+/-0.000 χ^2/NDF: 4220861.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.040+/-0.013 χ^2/NDF: 12.4/15

Left Out: 0.042+/-0.074 χ^2/NDF:0.0/0

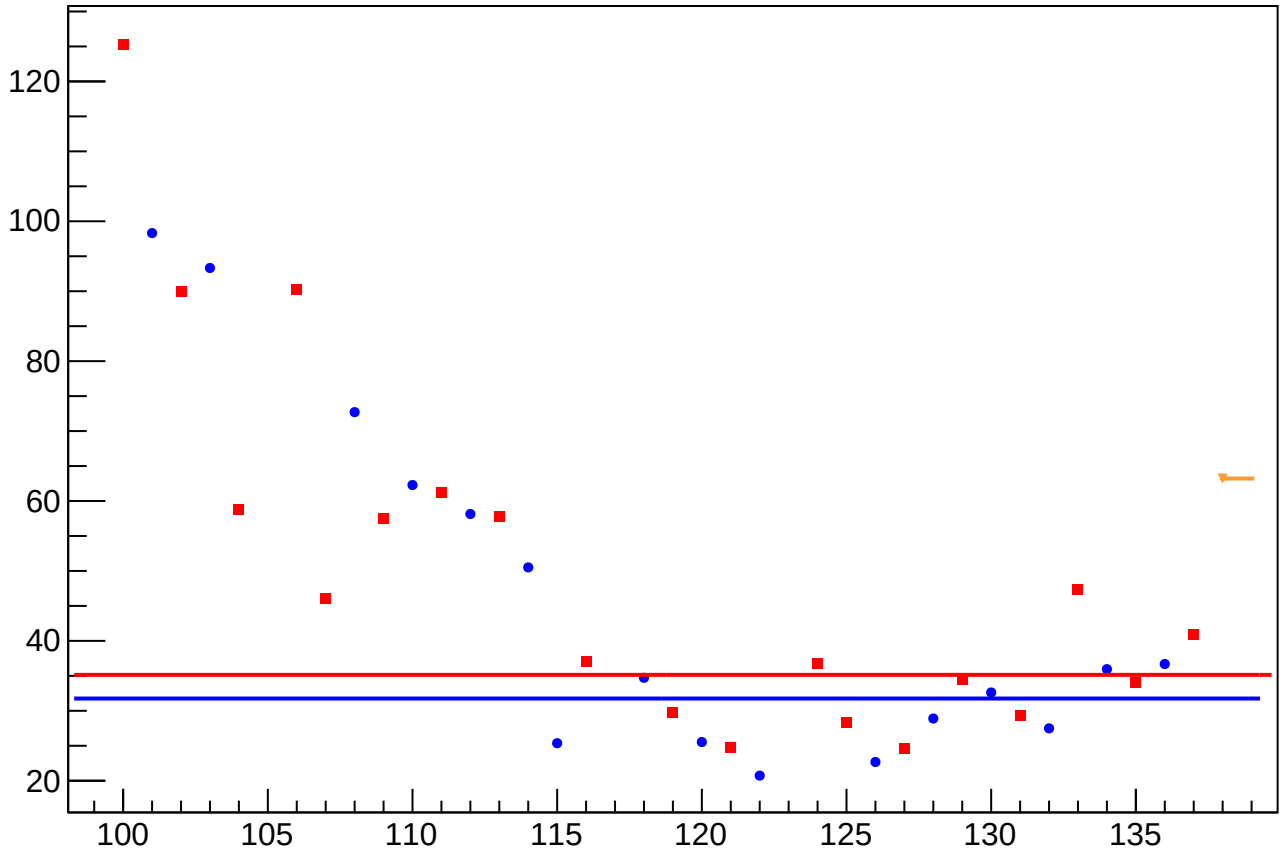
Right Out: 0.009+/-0.014 χ^2/NDF: 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.037+/-0.013 χ^2/NDF: 13.6/16

All: -0.016+/-0.010 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 31.755+/-0.009 χ^2/NDF: 2252399.3/15

Left Out: 63.211+/-0.052 χ^2/NDF:0.0/0

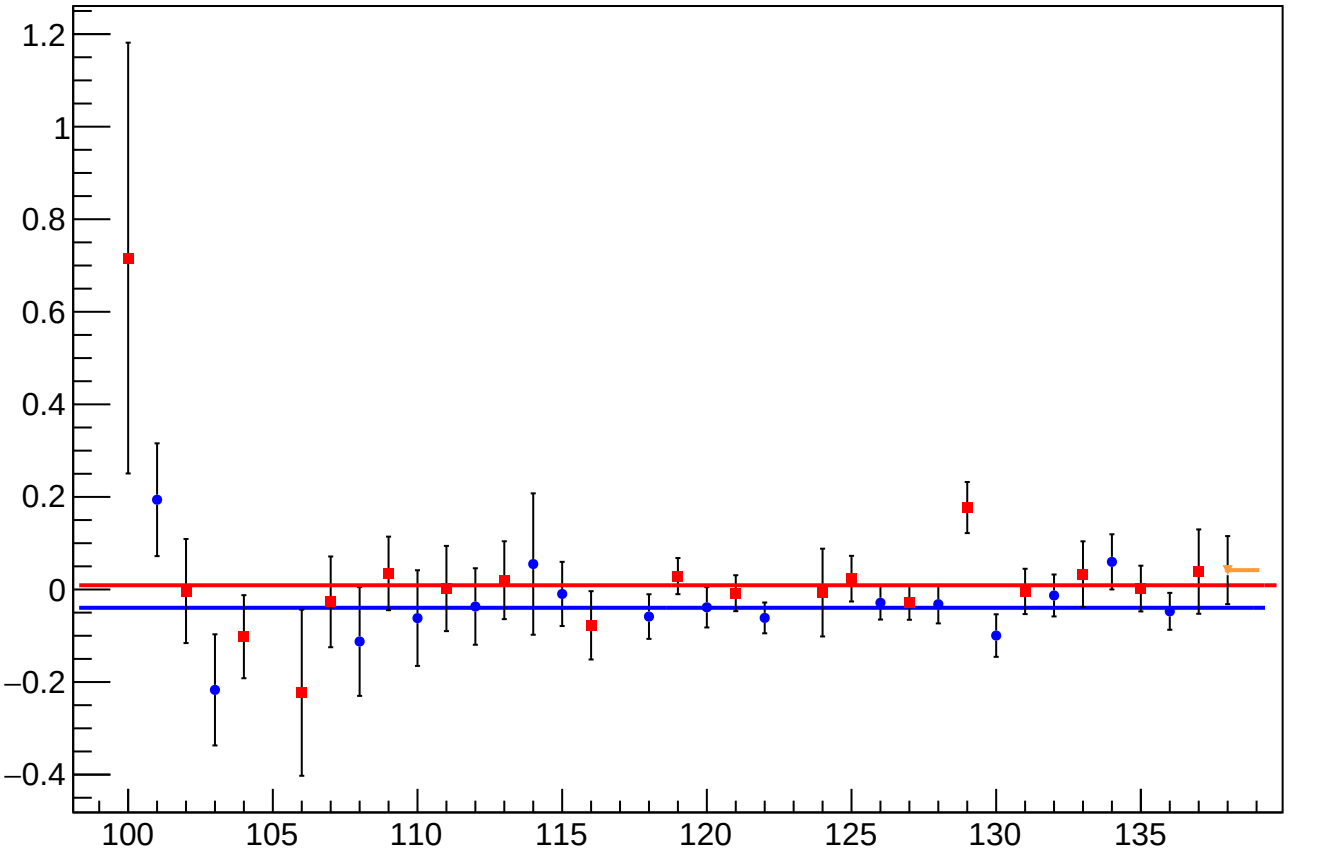
Right Out: 35.140+/-0.010 χ^2/NDF: 1844676.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.731+/-0.009 χ^2/NDF: 2606538.0/16

All: 33.828+/-0.007 χ^2/NDF: 4482702.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.040+/-0.013 χ^2/NDF: 12.4/15

Left Out: 0.042+/-0.074 χ^2/NDF:0.0/0

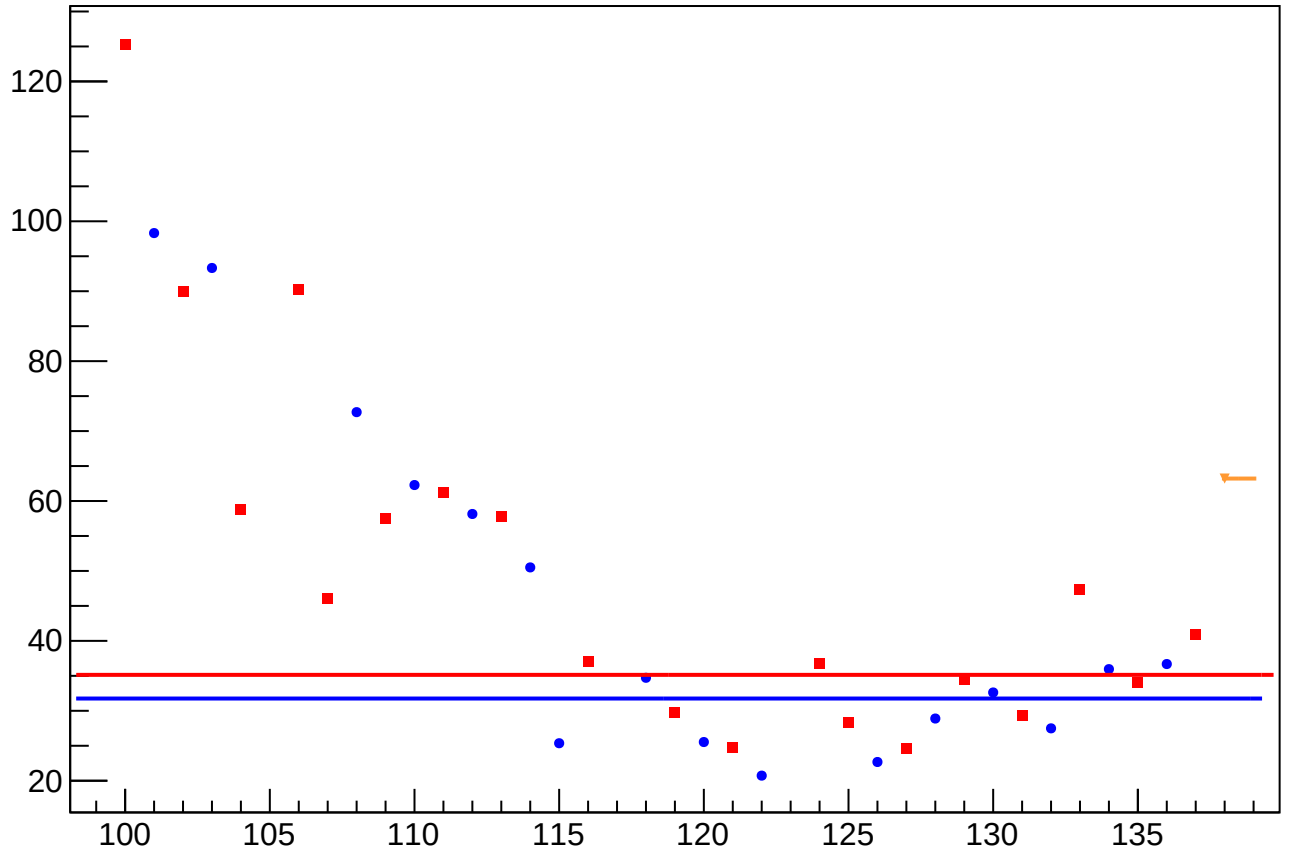
Right Out: 0.009+/-0.014 χ^2/NDF: 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.037+/-0.013 χ^2/NDF: 13.6/16

All: -0.016+/-0.010 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 31.755+/-0.009 χ^2/NDF: 2252399.3/15

Left Out: 63.211+/-0.052 χ^2/NDF:0.0/0

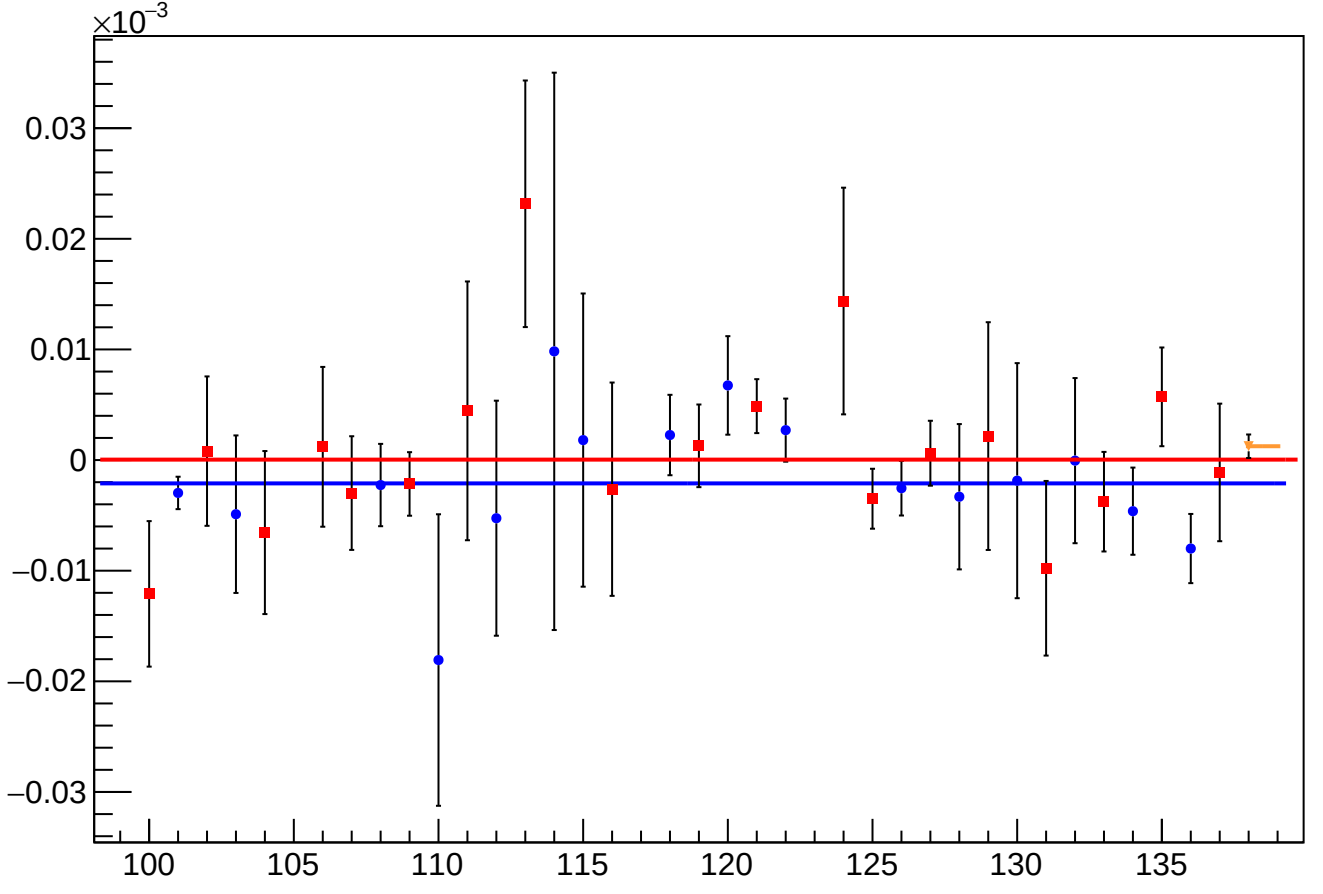
Right Out: 35.140+/-0.010 χ^2/NDF: 1844676.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.731+/-0.009 χ^2/NDF: 2606538.0/16

All: 33.828+/-0.007 χ^2/NDF: 4482702.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

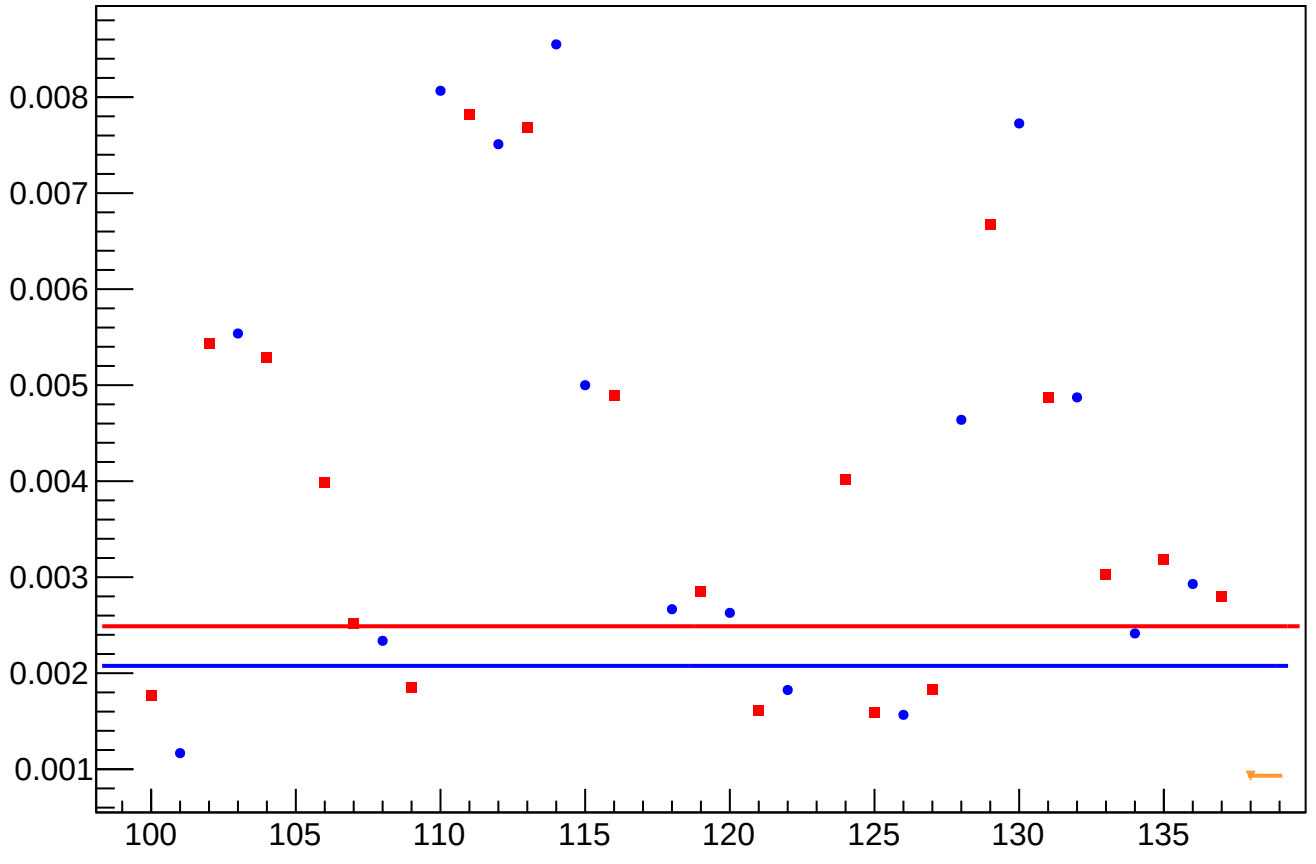
Right Out: 0.000+/-0.000 χ^2/NDF: 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 20.5/16

All: -0.000+/-0.000 χ^2/NDF: 42.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 3916668.9/15

Left Out: 0.001+/-0.000 χ^2/NDF:0.0/0

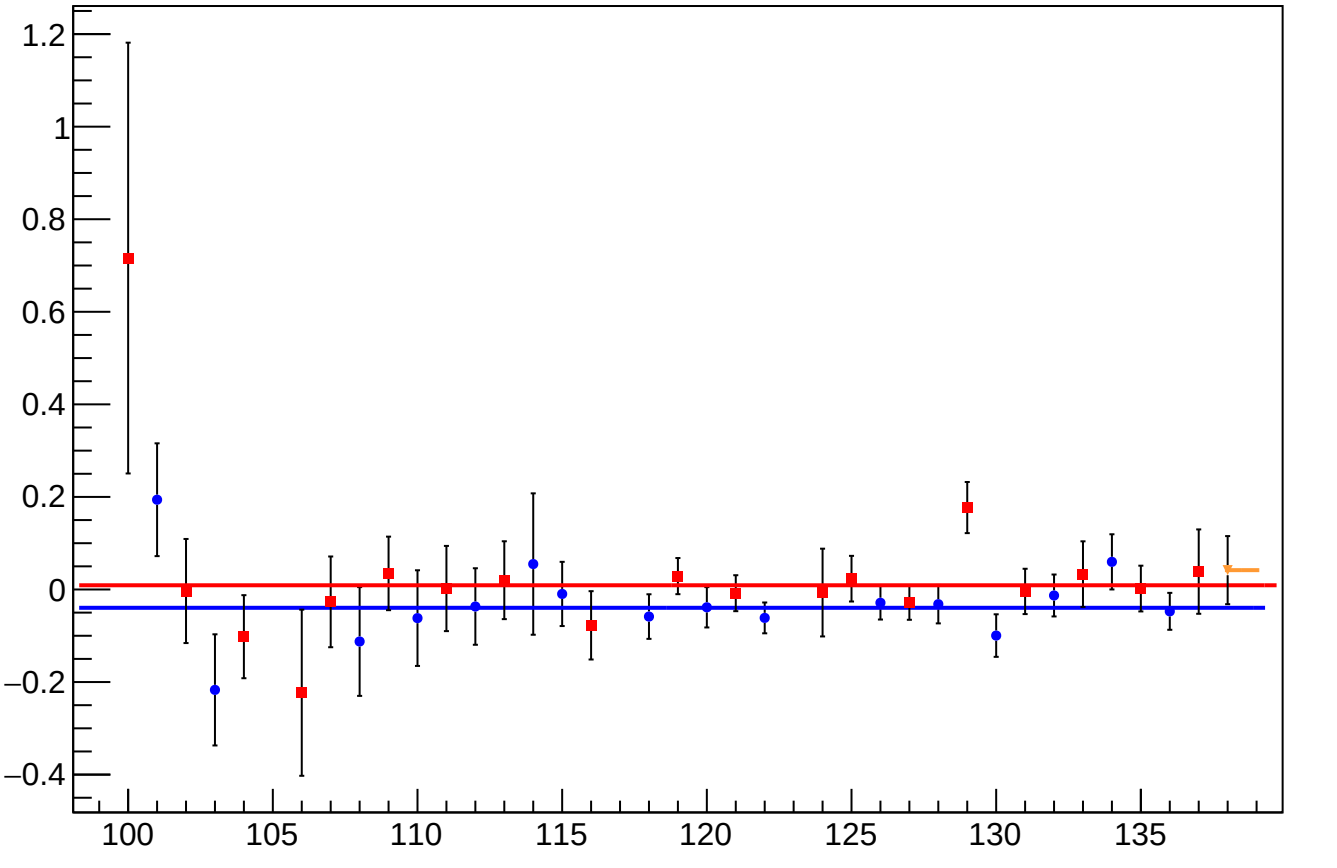
Right Out: 0.002+/-0.000 χ^2/NDF: 3092230.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 5256736.8/16

All: 0.002+/-0.000 χ^2/NDF: 9377977.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.040+/-0.013 χ^2/NDF: 12.4/15

Left Out: 0.042+/-0.074 χ^2/NDF:0.0/0

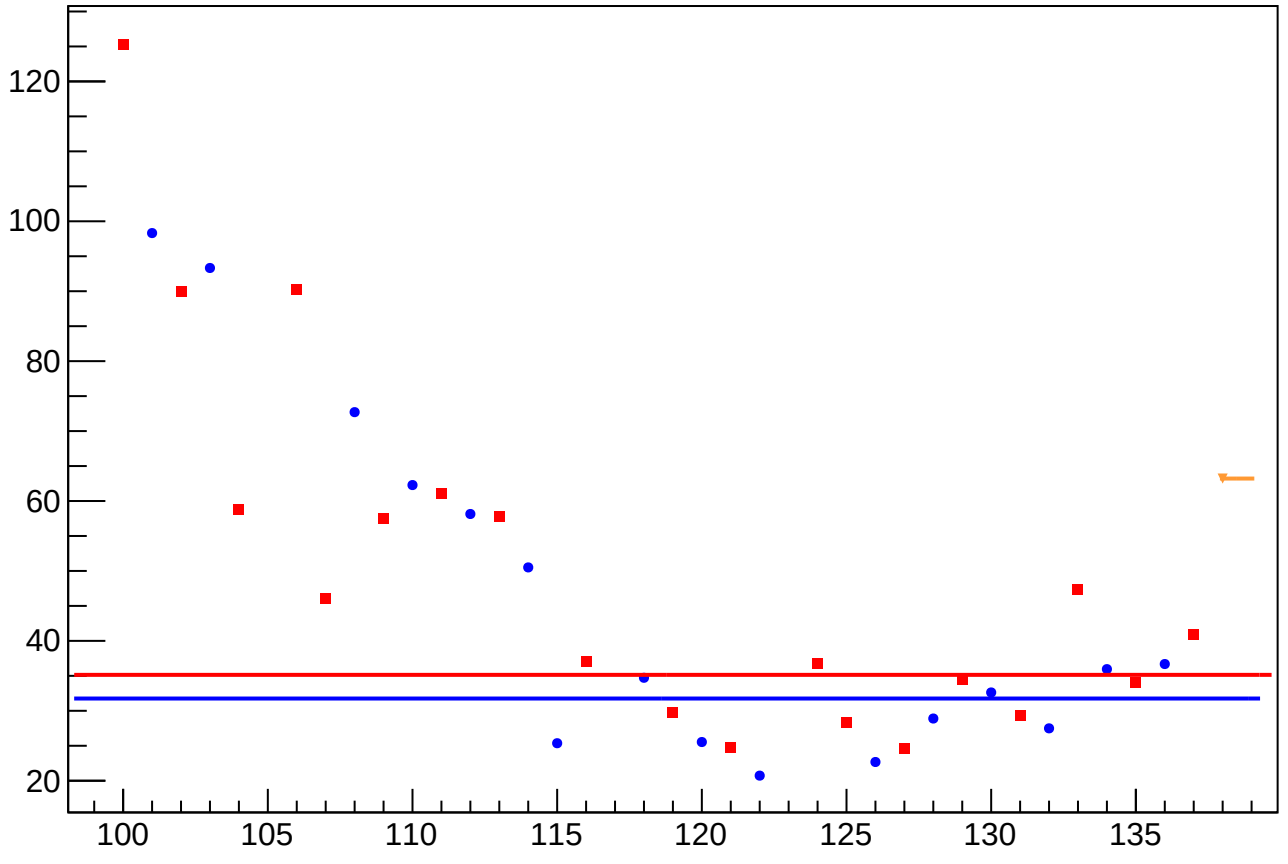
Right Out: 0.009+/-0.014 χ^2/NDF: 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.037+/-0.013 χ^2/NDF: 13.6/16

All: -0.016+/-0.010 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 31.756+/-0.009 χ^2/NDF: 2252373.4/15

Left Out: 63.211+/-0.052 χ^2/NDF:0.0/0

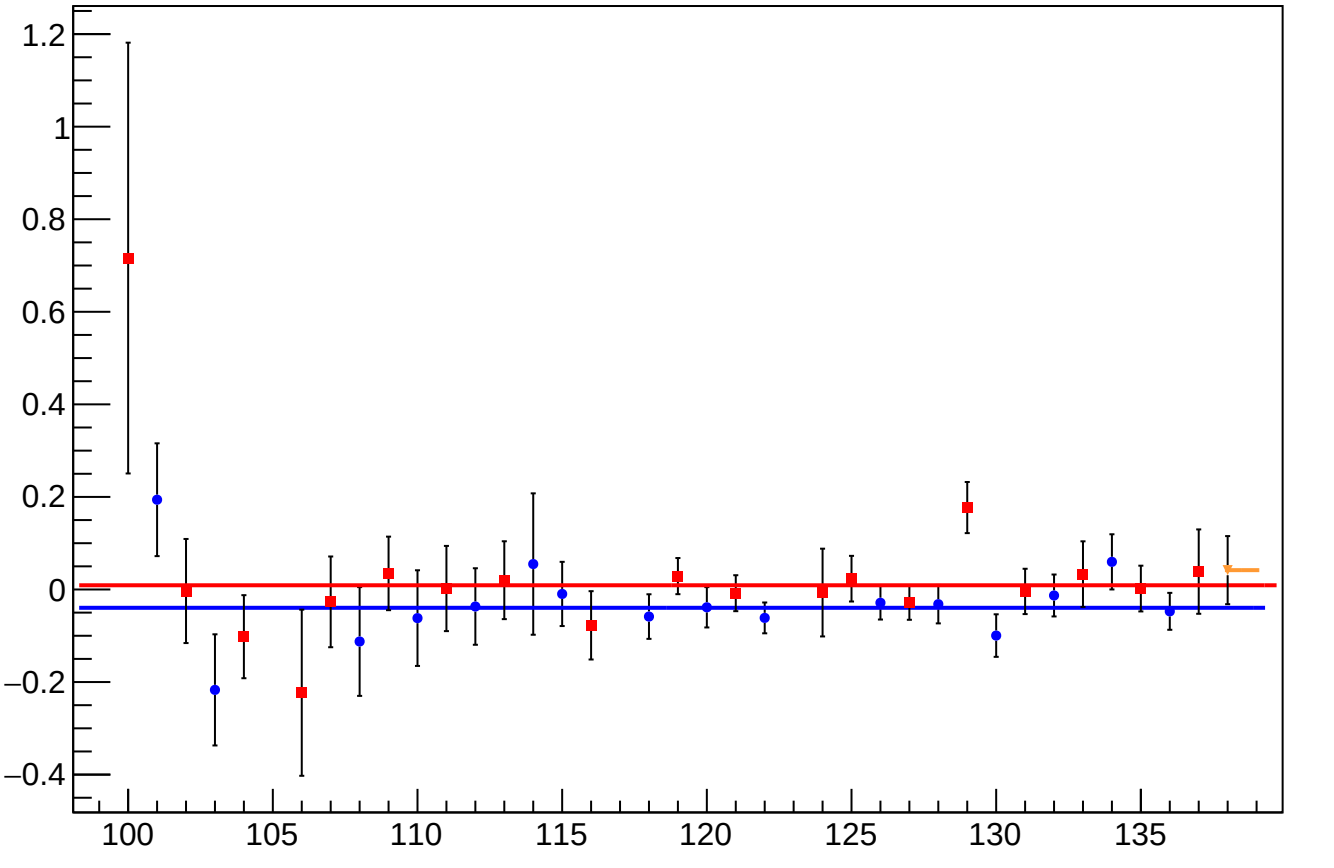
Right Out: 35.140+/-0.010 χ^2/NDF: 1844572.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.731+/-0.009 χ^2/NDF: 2606505.0/16

All: 33.828+/-0.007 χ^2/NDF: 4482567.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.040+/-0.013 χ^2/NDF: 12.4/15

Left Out: 0.042+/-0.074 χ^2/NDF:0.0/0

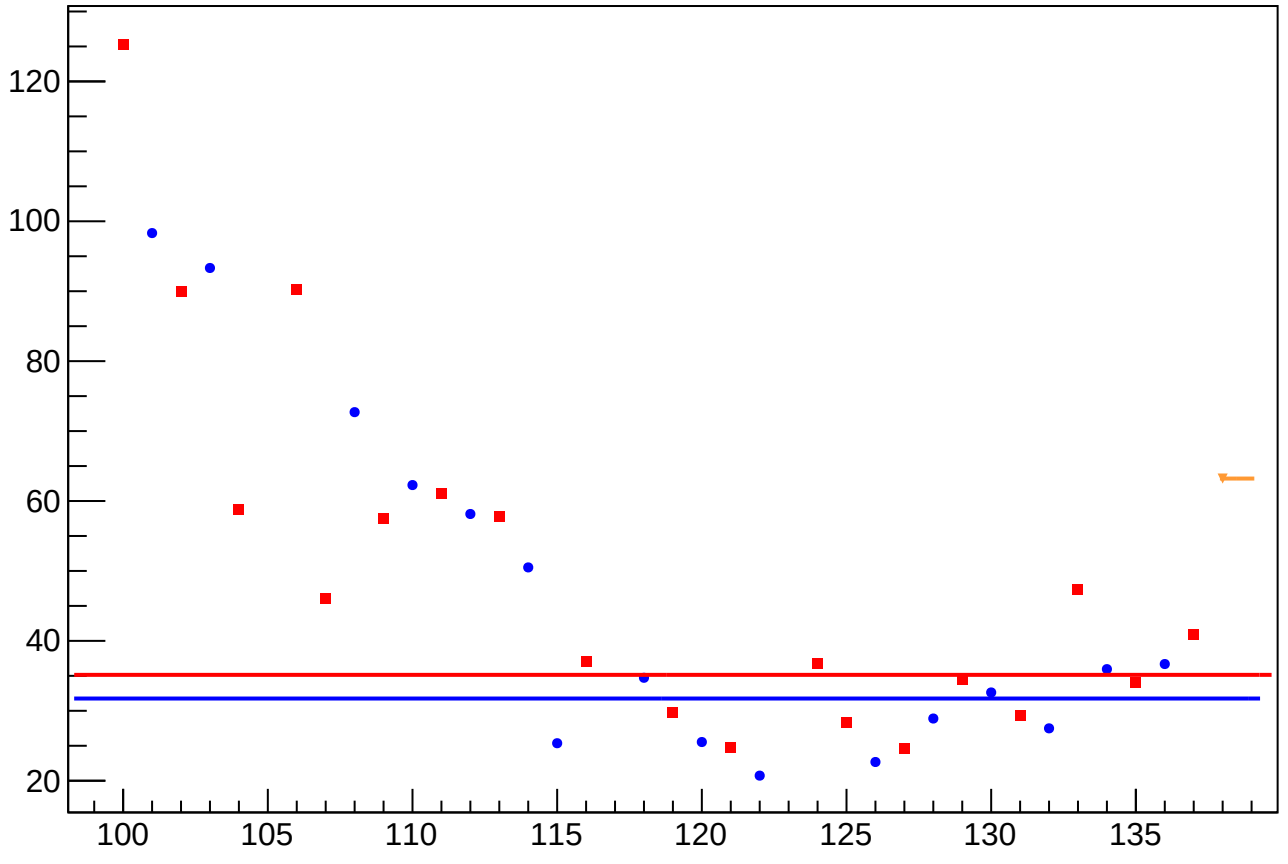
Right Out: 0.009+/-0.014 χ^2/NDF: 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.037+/-0.013 χ^2/NDF: 13.6/16

All: -0.016+/-0.010 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 31.756+/-0.009 χ^2/NDF: 2252373.4/15

Left Out: 63.211+/-0.052 χ^2/NDF:0.0/0

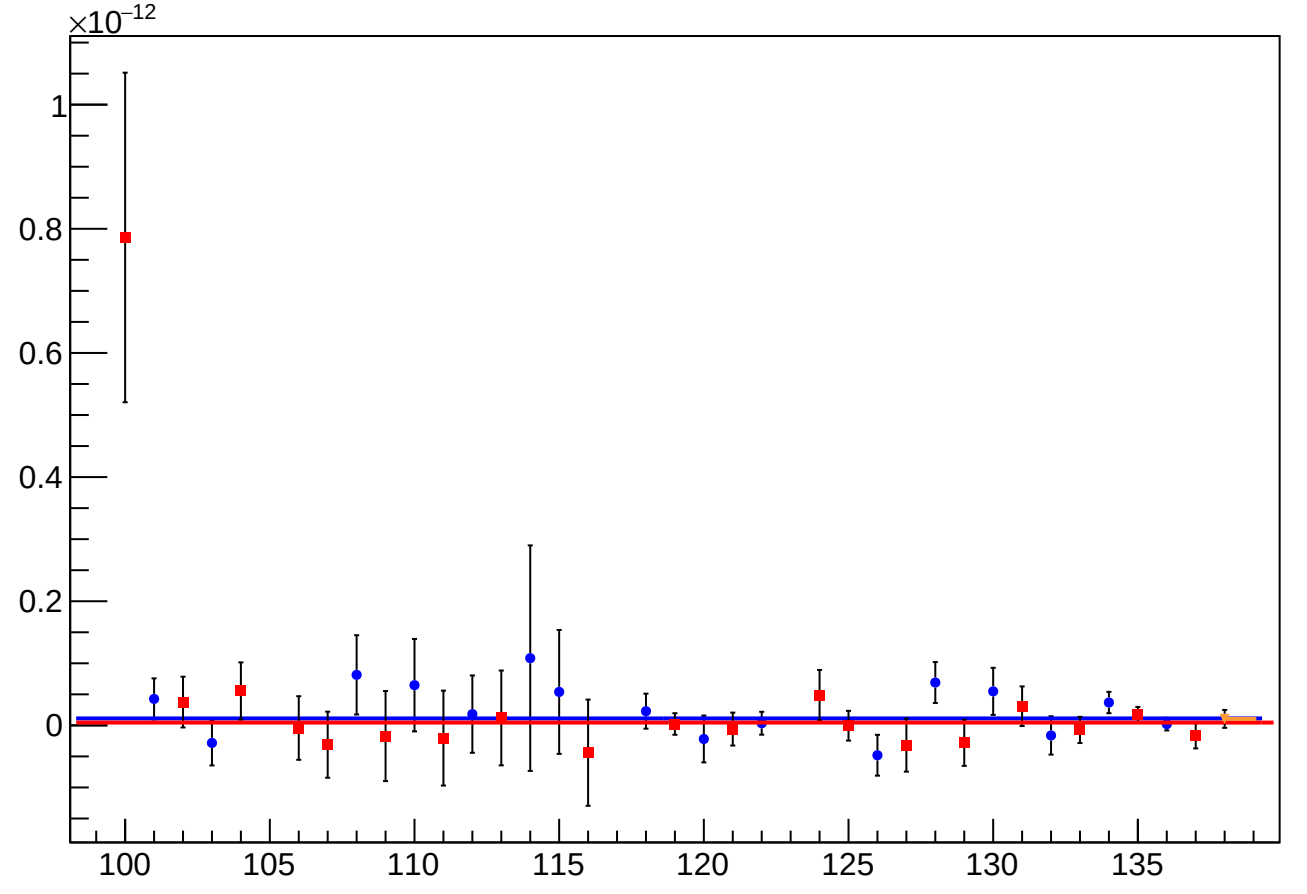
Right Out: 35.140+/-0.010 χ^2/NDF: 1844572.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.731+/-0.009 χ^2/NDF: 2606505.0/16

All: 33.828+/-0.007 χ^2/NDF: 4482567.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

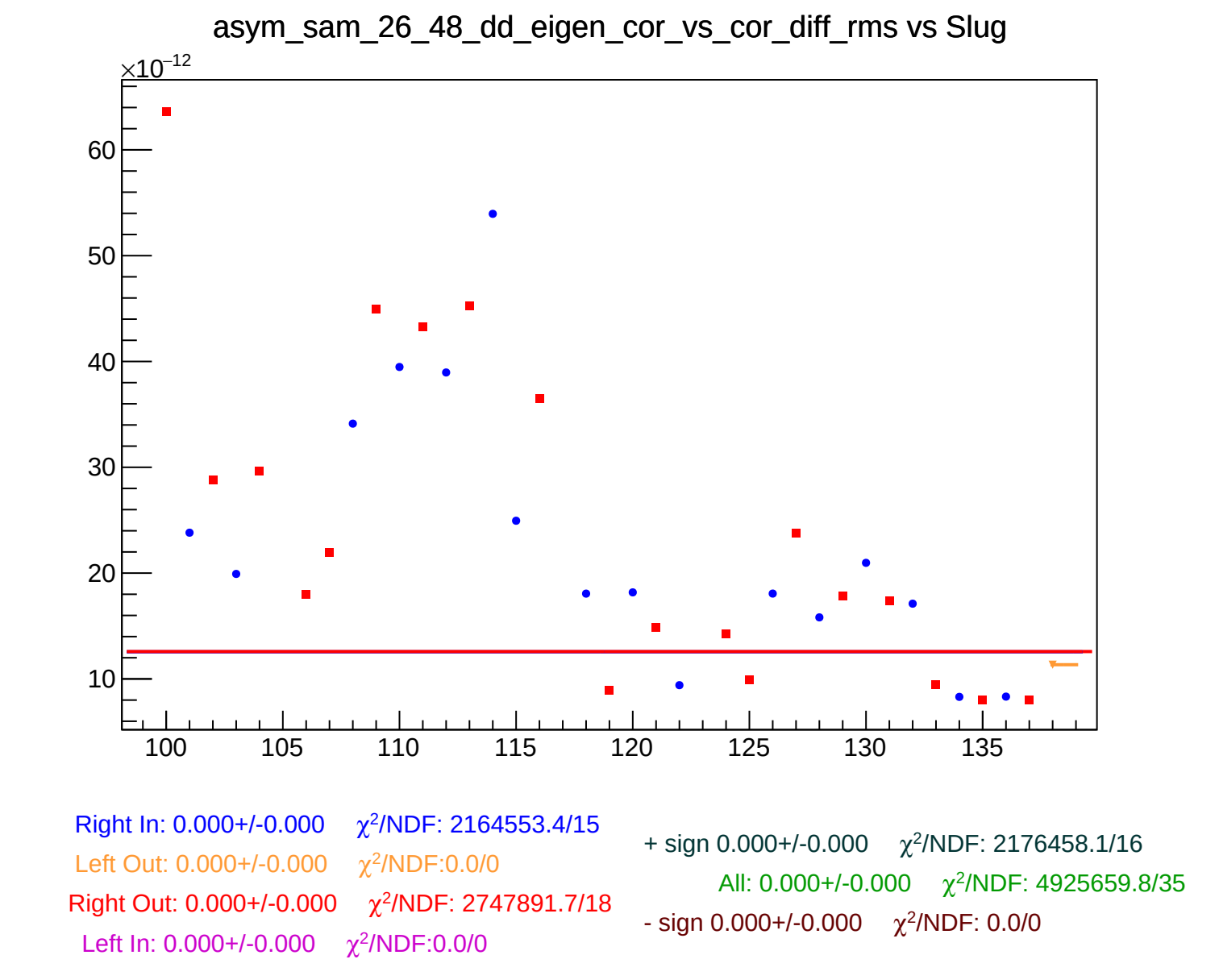
Right Out: 0.000+/-0.000 χ^2/NDF: 17.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

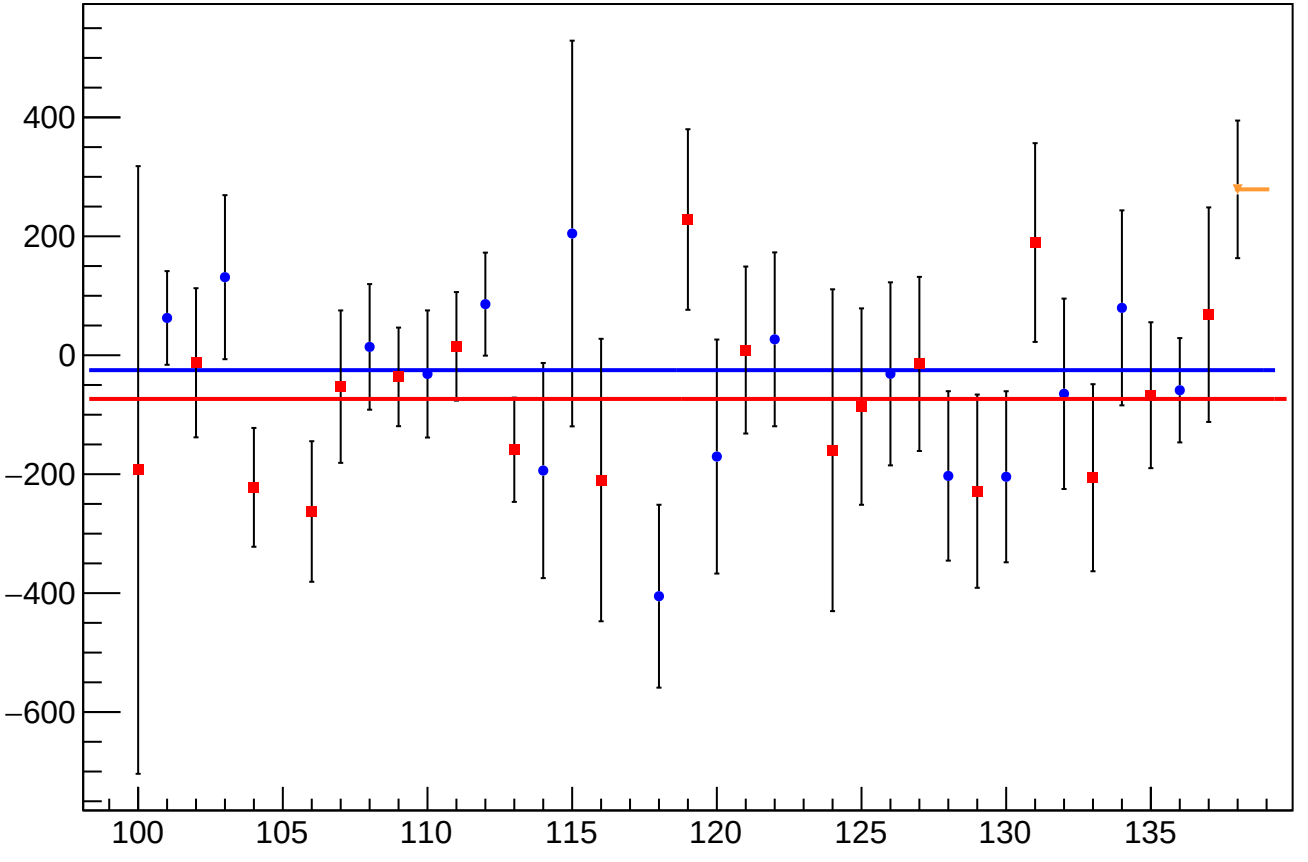
+ sign 0.000+/-0.000 χ^2/NDF: 16.9/16

All: 0.000+/-0.000 χ^2/NDF: 34.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2164553.4/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2747891.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2176458.1/16
All: 0.000+/-0.000 χ²/NDF: 4925659.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: -25.072+/-31.230 χ^2/NDF: 16.2/15

Left Out: 278.946+/-115.687 χ^2/NDF:0.0/0

Right Out: -73.458+/-29.935 χ^2/NDF: 16.8/18

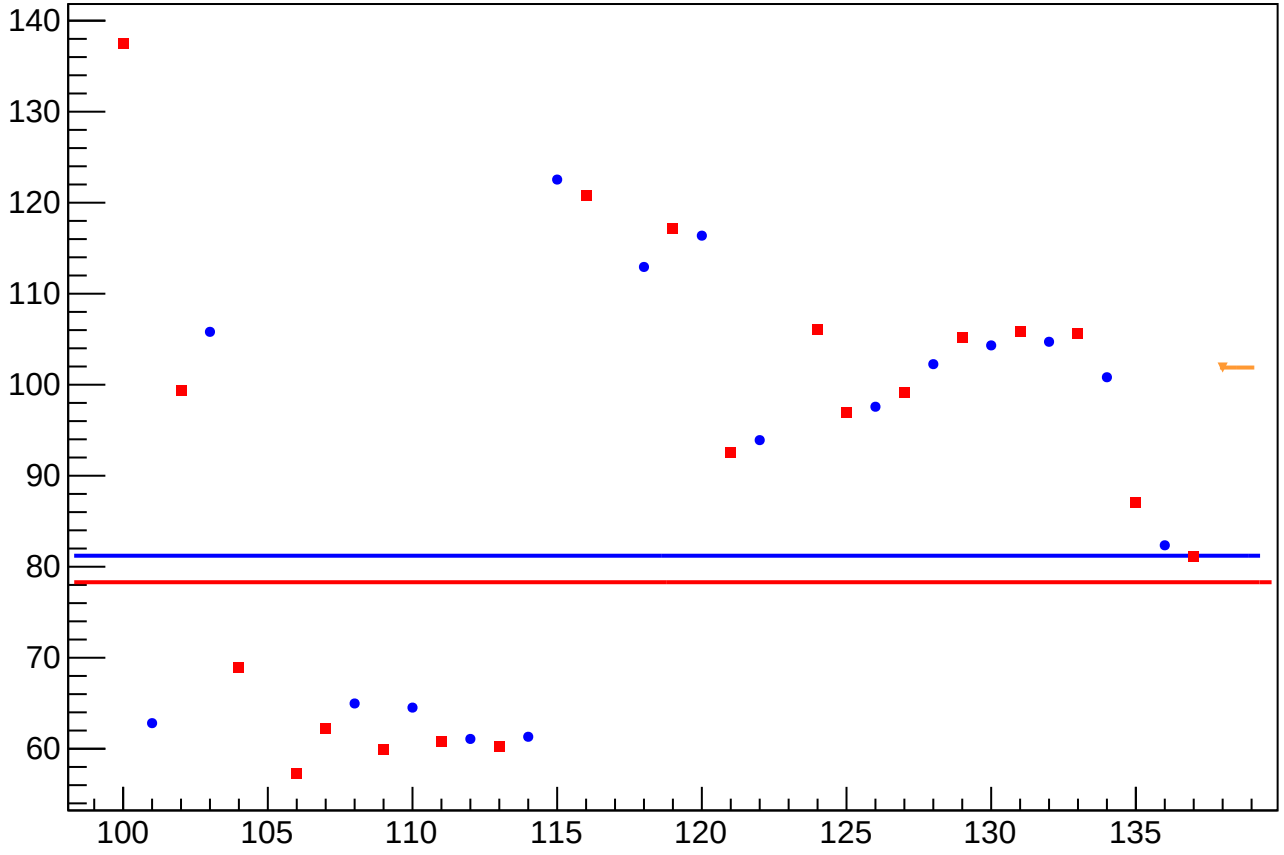
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.422+/-30.151 χ^2/NDF: 22.6/16

All: -39.188+/-21.243 χ^2/NDF: 42.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 81.210+/-0.022 χ^2/NDF: 787676.9/15

Left Out: 101.887+/-0.082 χ^2/NDF:0.0/0

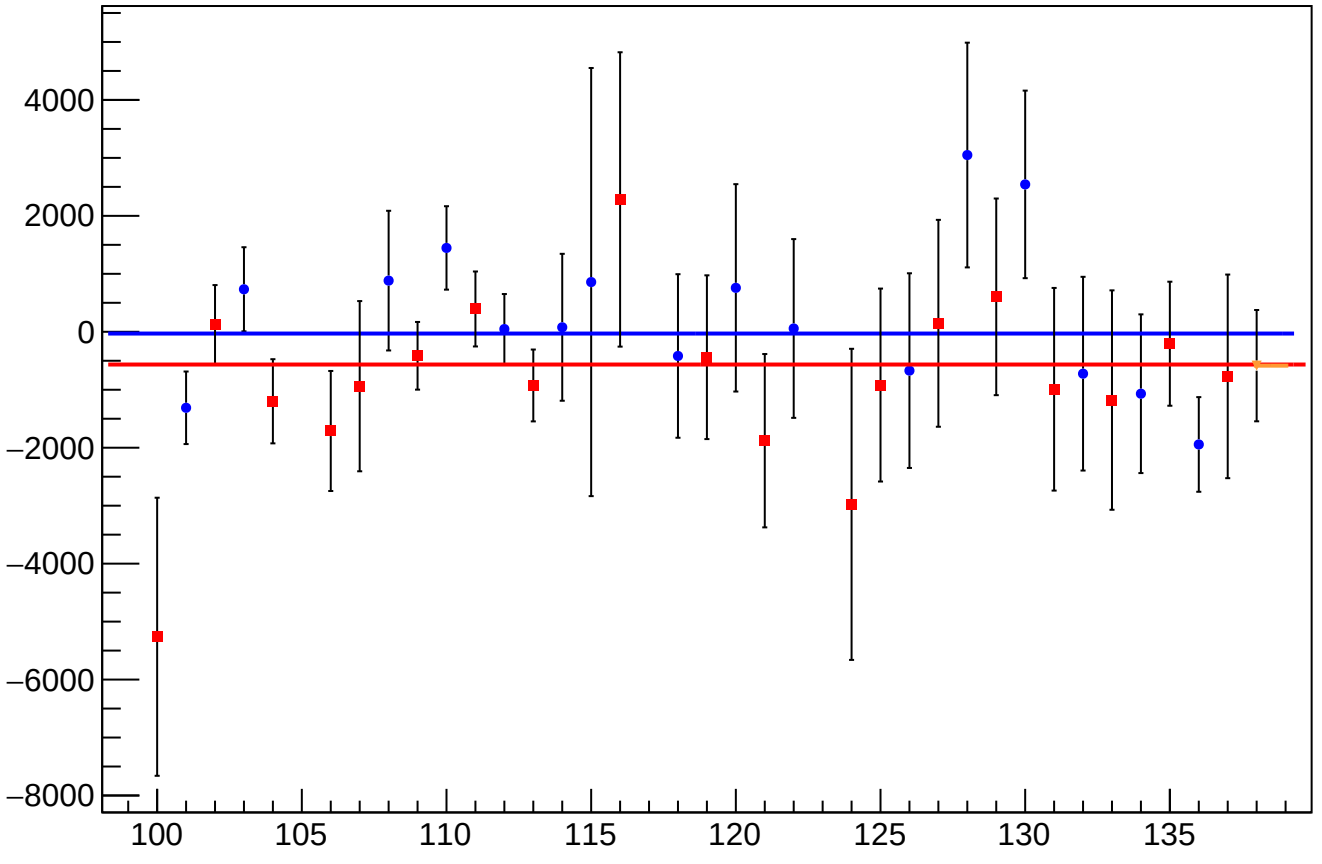
Right Out: 78.298+/-0.021 χ^2/NDF: 934673.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 82.614+/-0.021 χ^2/NDF: 847230.1/16

All: 80.440+/-0.015 χ^2/NDF: 1802543.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -30.407+/-256.999 χ^2/NDF: 21.9/15

Left Out: -584.386+/-960.102 χ^2/NDF:0.0/0

Right Out: -564.890+/-238.492 χ^2/NDF: 13.3/18

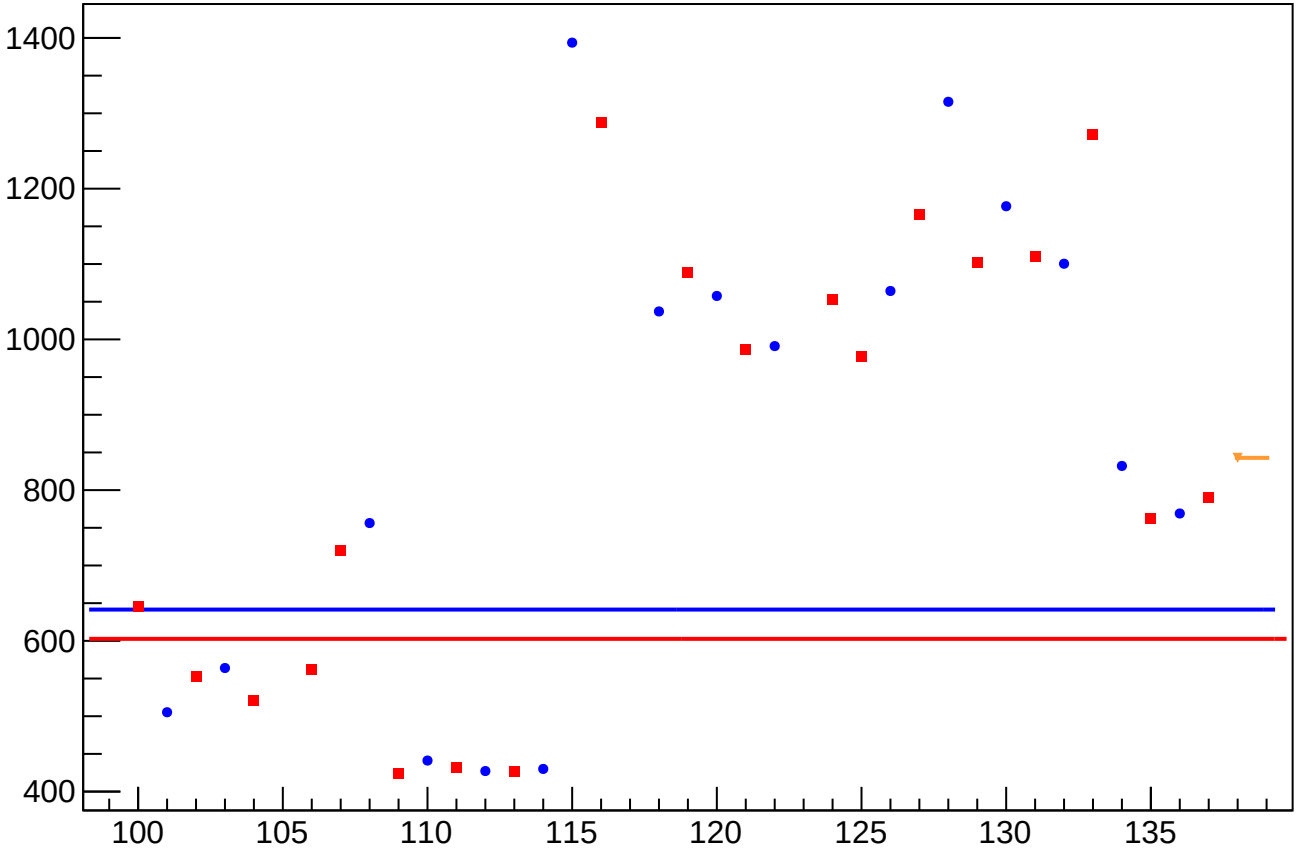
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -67.446+/-248.259 χ^2/NDF: 22.2/16

All: -326.146+/-171.989 χ^2/NDF: 37.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 641.499+/-0.182 χ^2/NDF: 1874990.8/15

Left Out: 842.823+/-0.679 χ^2/NDF:0.0/0

Right Out: 602.654+/-0.169 χ^2/NDF: 2070307.7/18

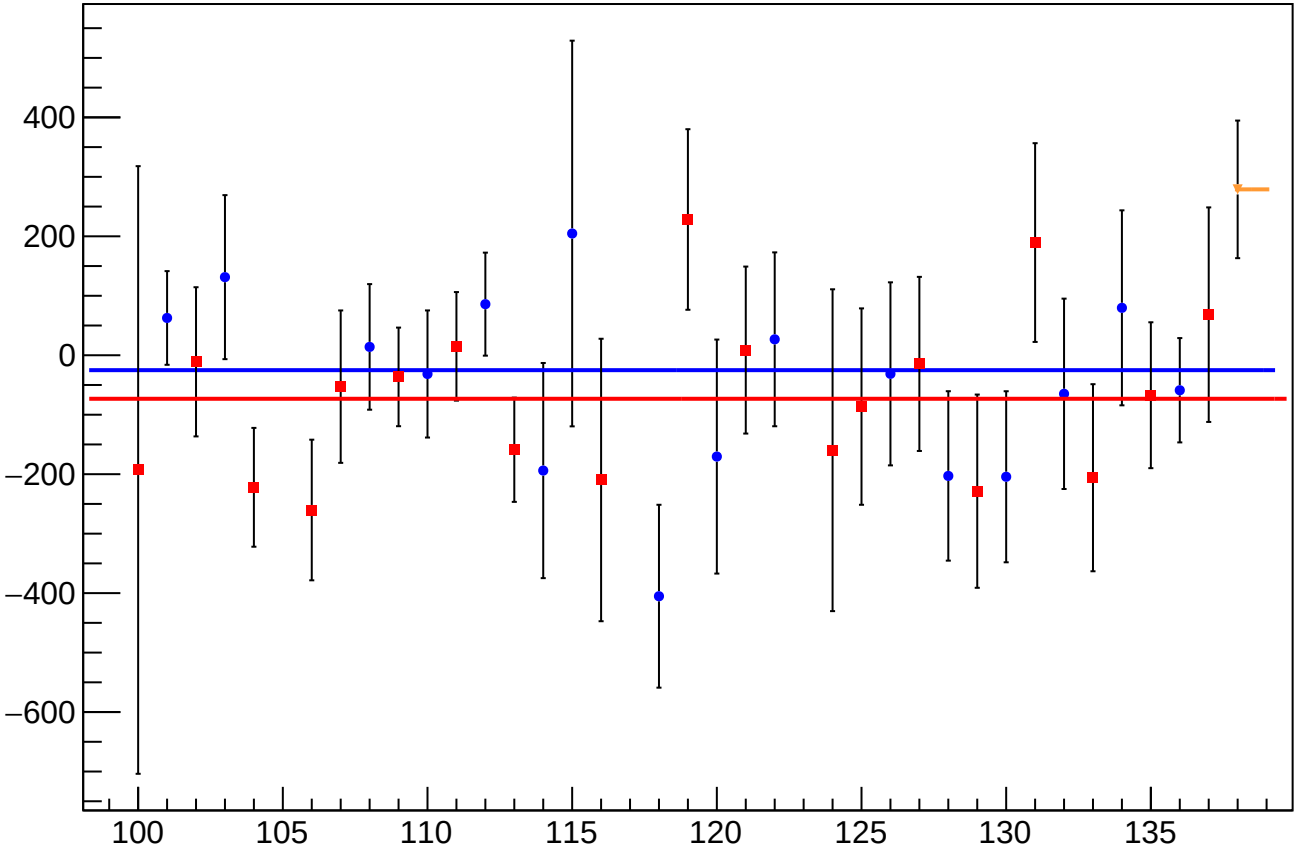
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 654.959+/-0.176 χ^2/NDF: 1957051.7/16

All: 627.757+/-0.122 χ^2/NDF: 4073530.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: -25.075+/-31.230 χ^2/NDF: 16.2/15

Left Out: 278.934+/-115.687 χ^2/NDF:0.0/0

Right Out: -73.193+/-29.937 χ^2/NDF: 16.7/18

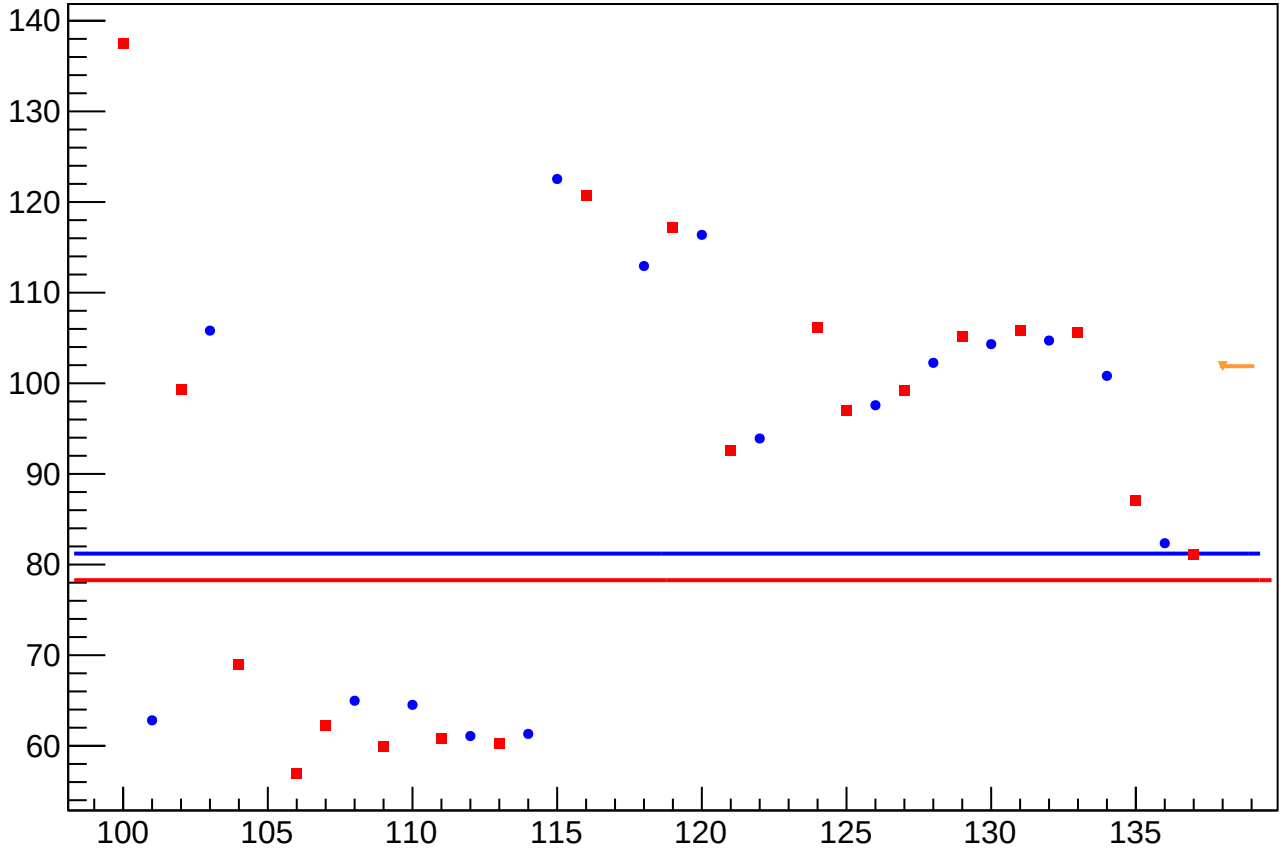
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -4.426+/-30.151 χ^2/NDF: 22.6/16

All: -39.054+/-21.244 χ^2/NDF: 42.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 81.210+/-0.022 χ^2/NDF: 787679.3/15

Left Out: 101.887+/-0.082 χ^2/NDF:0.0/0

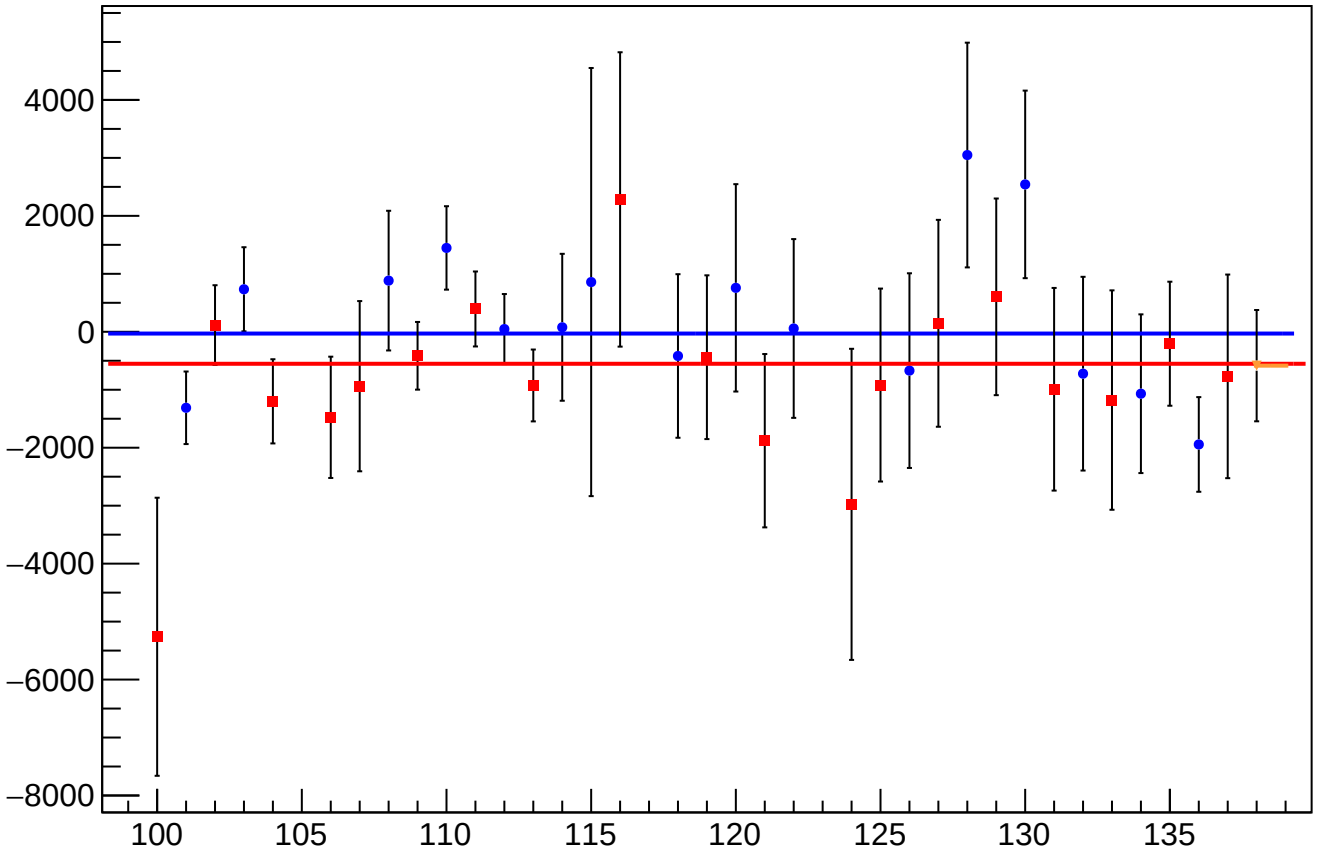
Right Out: 78.279+/-0.021 χ^2/NDF: 936812.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 82.614+/-0.021 χ^2/NDF: 847232.3/16

All: 80.431+/-0.015 χ^2/NDF: 1804862.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -30.434+/-257.002 χ^2/NDF: 21.9/15

Left Out: -584.404+/-960.102 χ^2/NDF:0.0/0

Right Out: -551.948+/-238.640 χ^2/NDF: 12.8/18

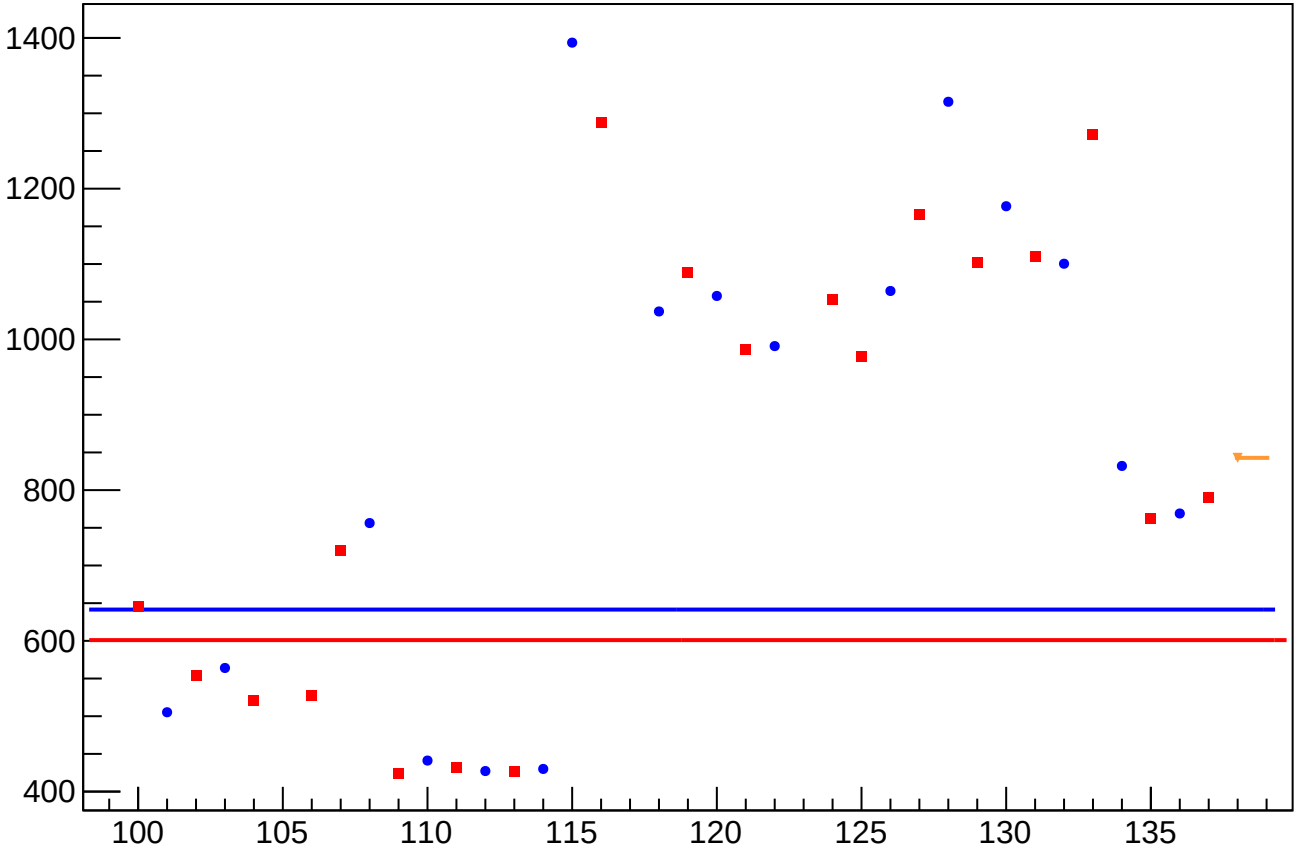
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -67.474+/-248.262 χ^2/NDF: 22.2/16

All: -319.281+/-172.045 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 641.507+/-0.182 χ^2/NDF: 1874950.0/15

Left Out: 842.823+/-0.679 χ^2/NDF:0.0/0

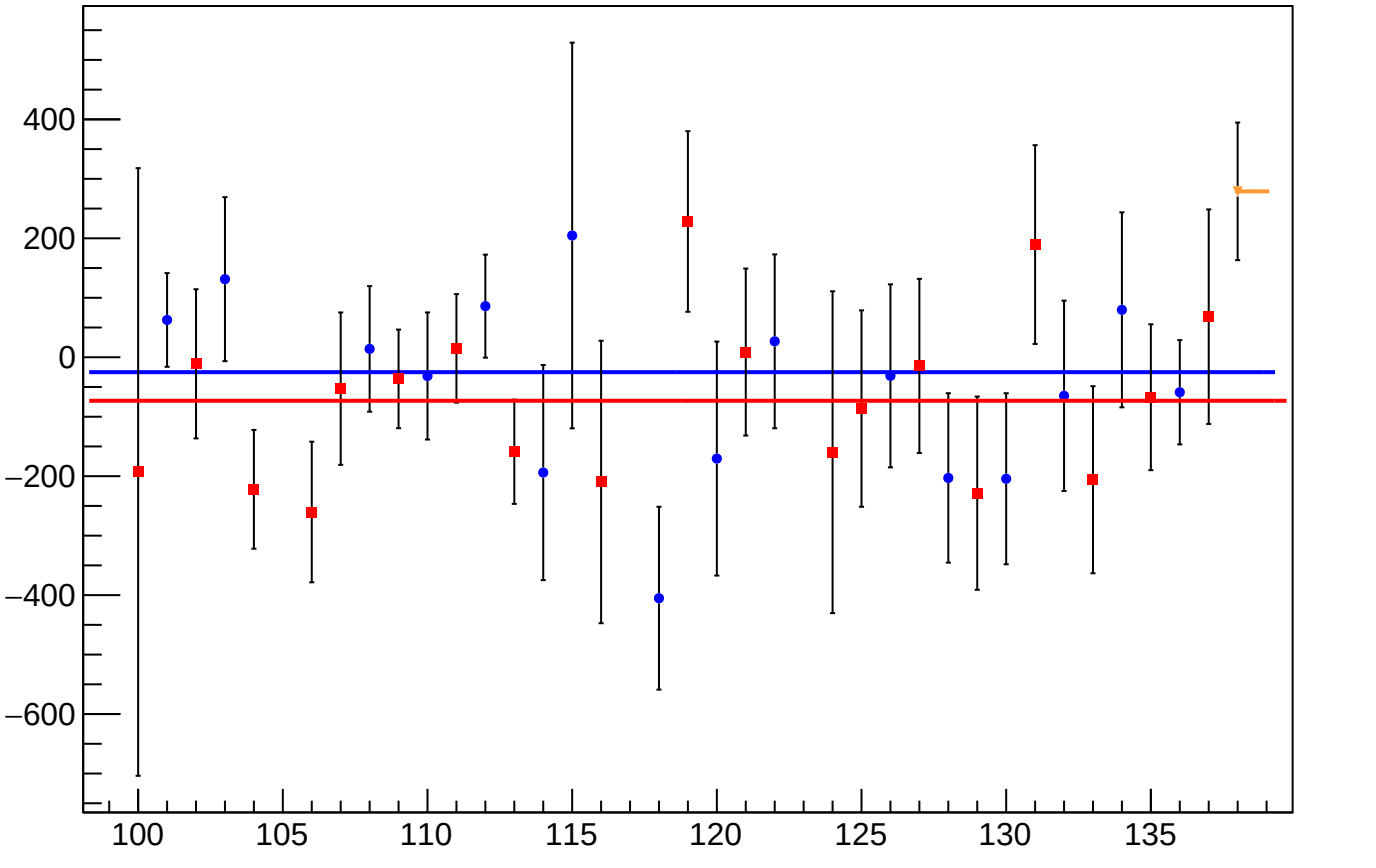
Right Out: 600.975+/-0.169 χ^2/NDF: 2077232.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 654.968+/-0.176 χ^2/NDF: 1957003.2/16

All: 626.905+/-0.122 χ^2/NDF: 4083403.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -25.075+/-31.230 χ^2/NDF: 16.2/15

Left Out: 278.934+/-115.687 χ^2/NDF:0.0/0

Right Out: -73.193+/-29.937 χ^2/NDF: 16.7/18

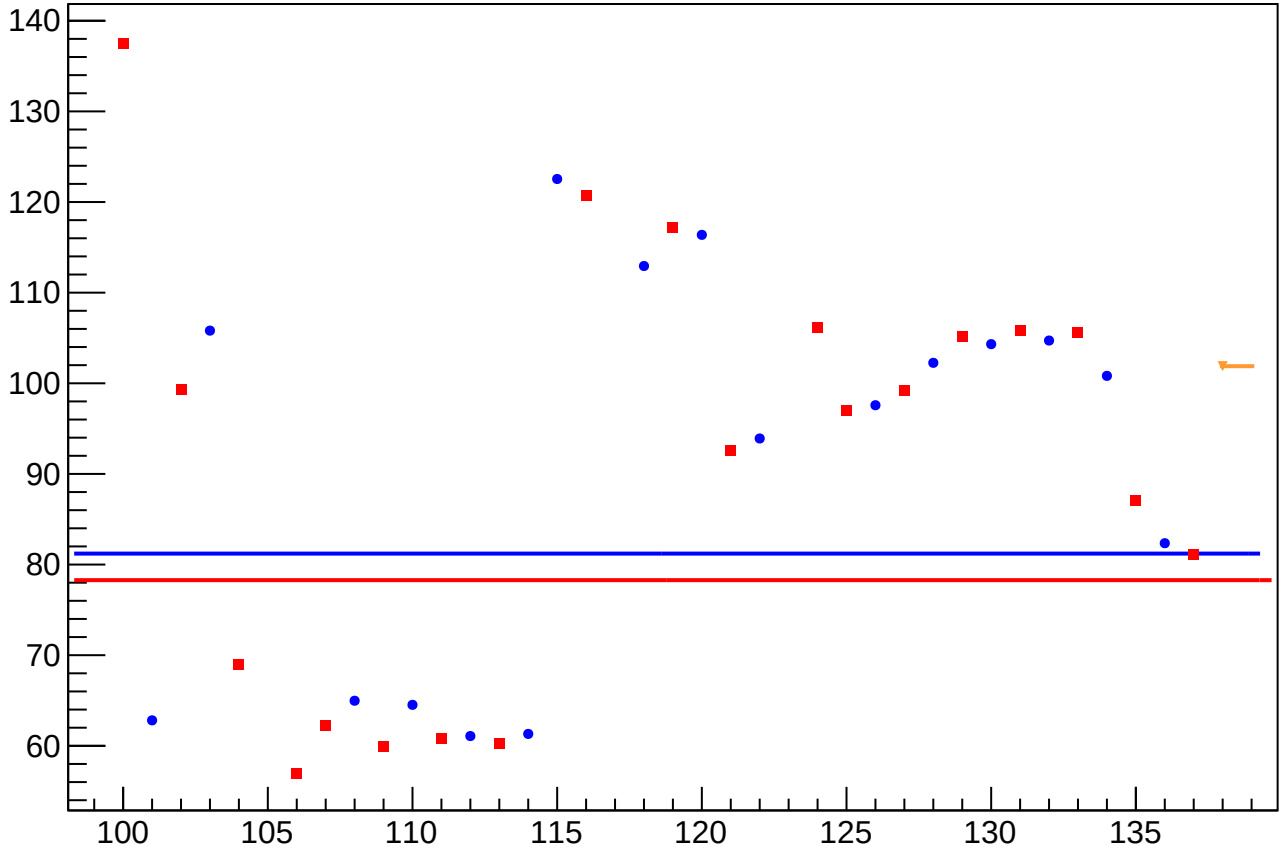
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.426+/-30.151 χ^2/NDF: 22.6/16

All: -39.054+/-21.244 χ^2/NDF: 42.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 81.210+/-0.022 χ^2/NDF: 787679.3/15

Left Out: 101.887+/-0.082 χ^2/NDF:0.0/0

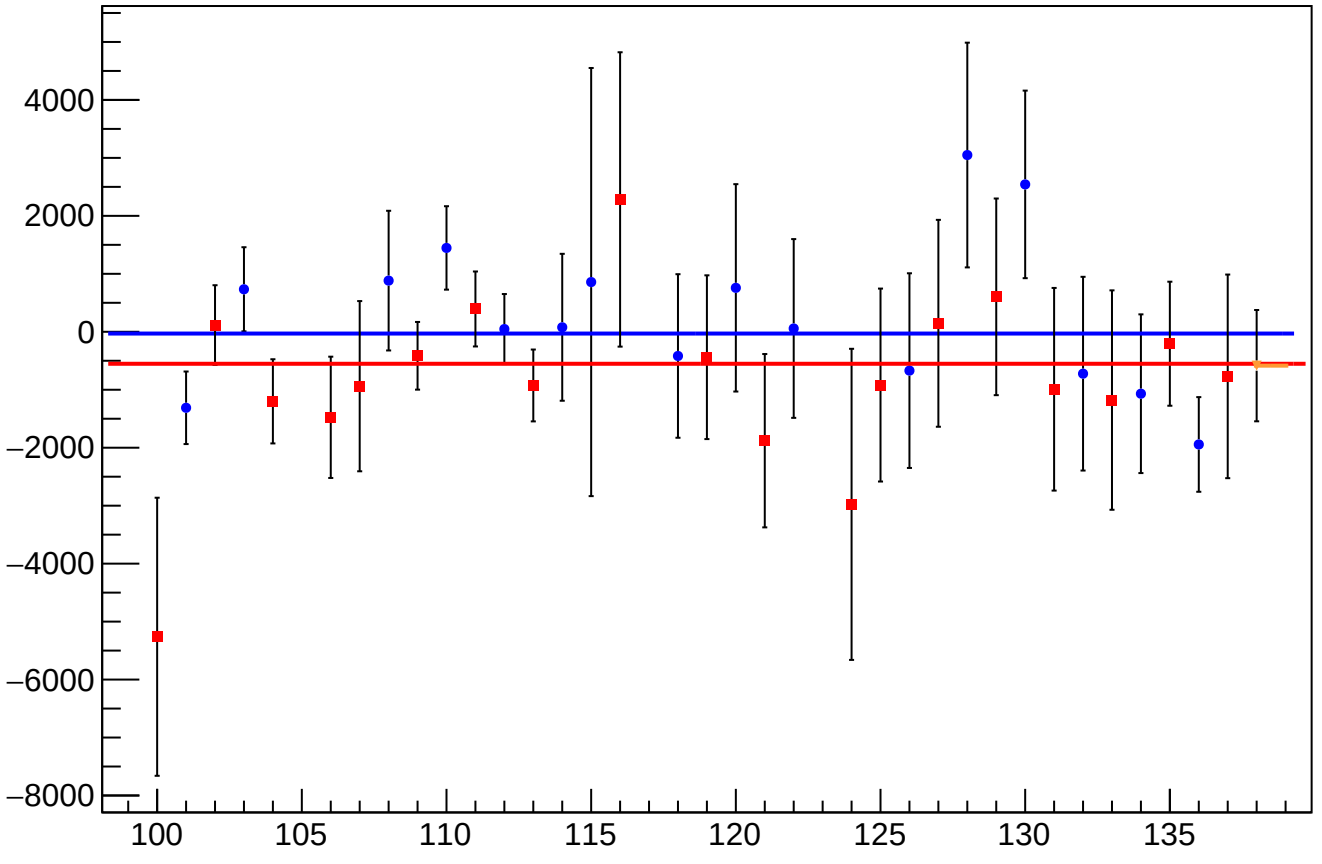
Right Out: 78.279+/-0.021 χ^2/NDF: 936812.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 82.614+/-0.021 χ^2/NDF: 847232.3/16

All: 80.431+/-0.015 χ^2/NDF: 1804862.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -30.434+/-257.002 χ^2/NDF: 21.9/15

Left Out: -584.404+/-960.102 χ^2/NDF:0.0/0

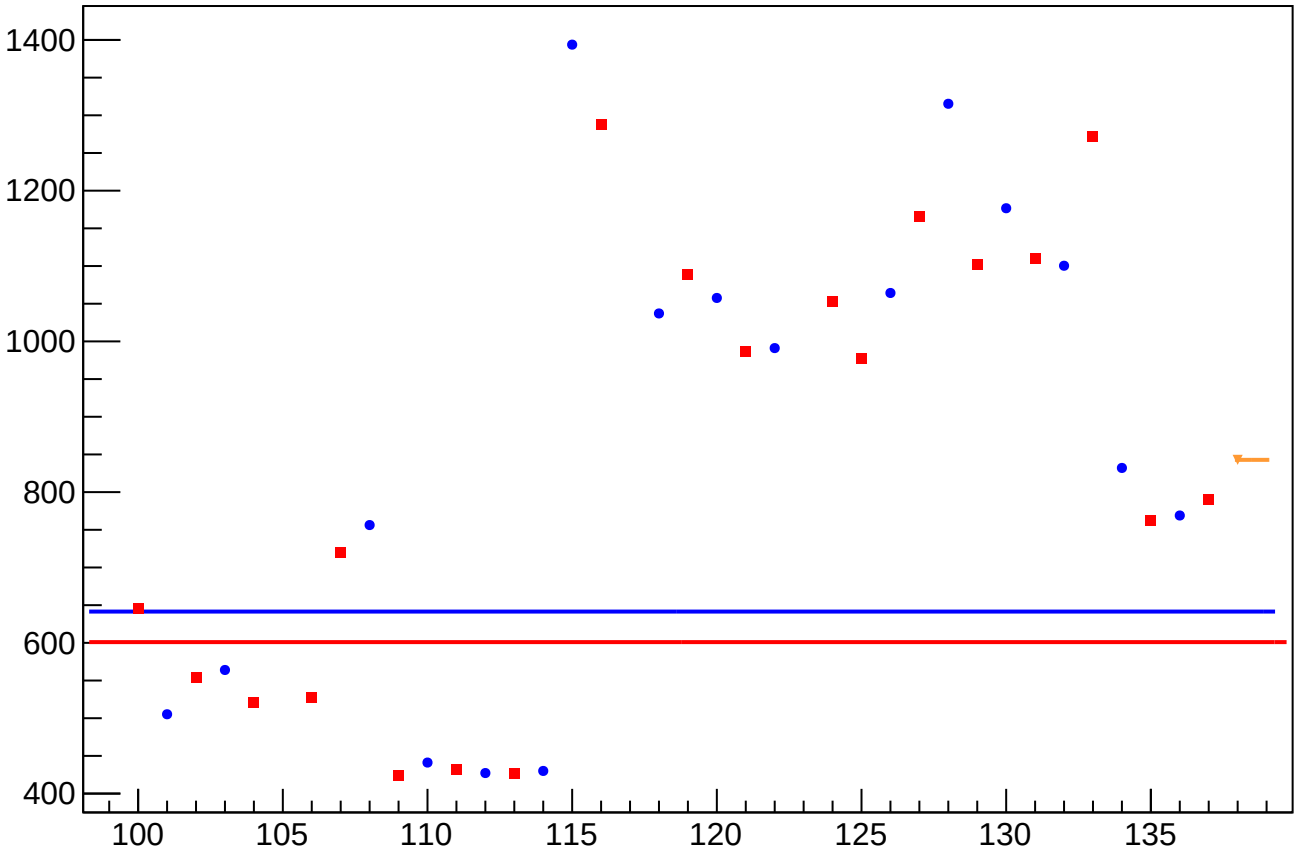
Right Out: -551.948+/-238.640 χ^2/NDF: 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -67.474+/-248.262 χ^2/NDF: 22.2/16

All: -319.281+/-172.045 χ^2/NDF: 37.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 641.507+/-0.182 χ^2/NDF: 1874950.0/15

Left Out: 842.823+/-0.679 χ^2/NDF:0.0/0

Right Out: 600.975+/-0.169 χ^2/NDF: 2077232.5/18

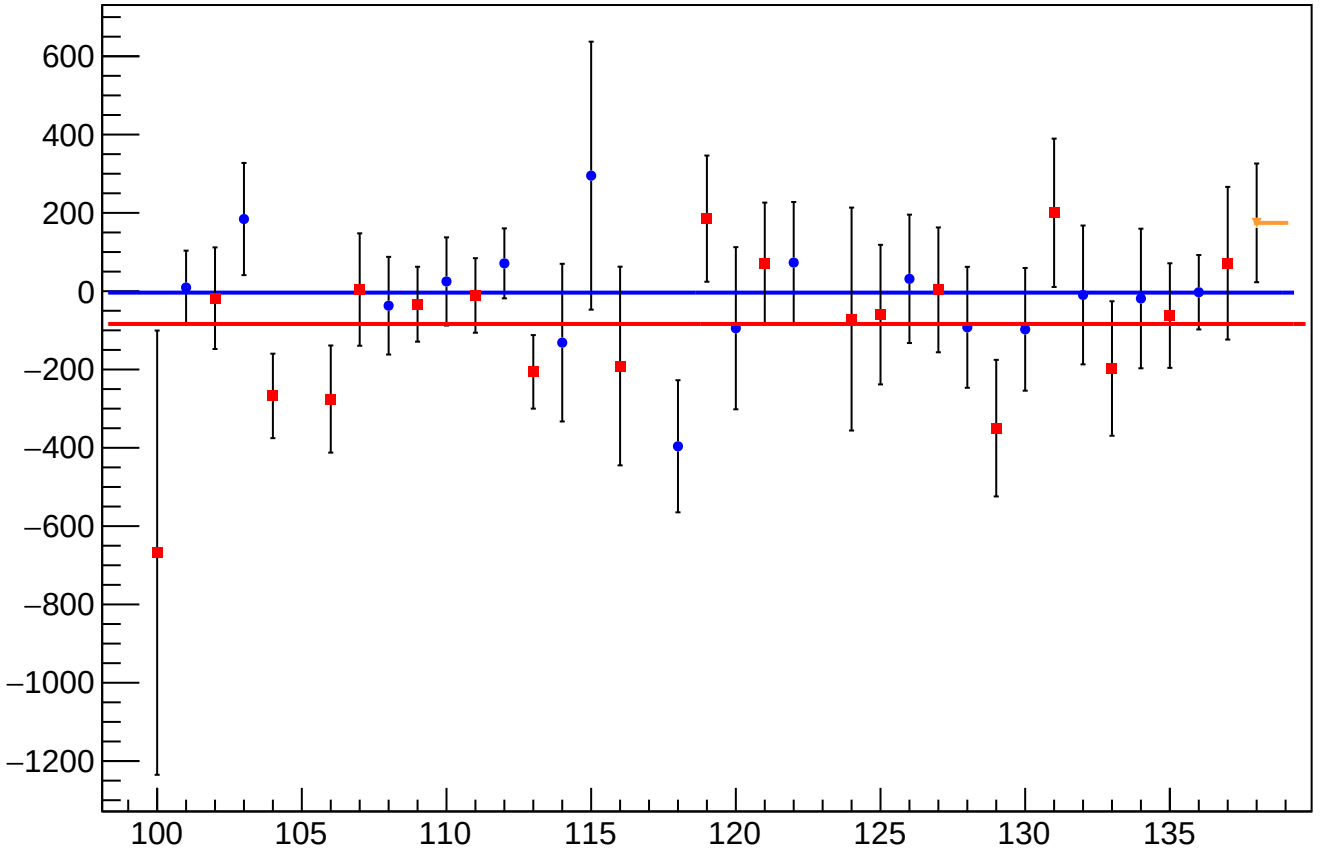
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 654.968+/-0.176 χ^2/NDF: 1957003.2/16

All: 626.905+/-0.122 χ^2/NDF: 4083403.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: -3.635+/-34.152 χ^2/NDF: 10.3/15

Left Out: 174.456+/-151.569 χ^2/NDF:0.0/0

Right Out: -83.676+/-32.633 χ^2/NDF: 19.1/18

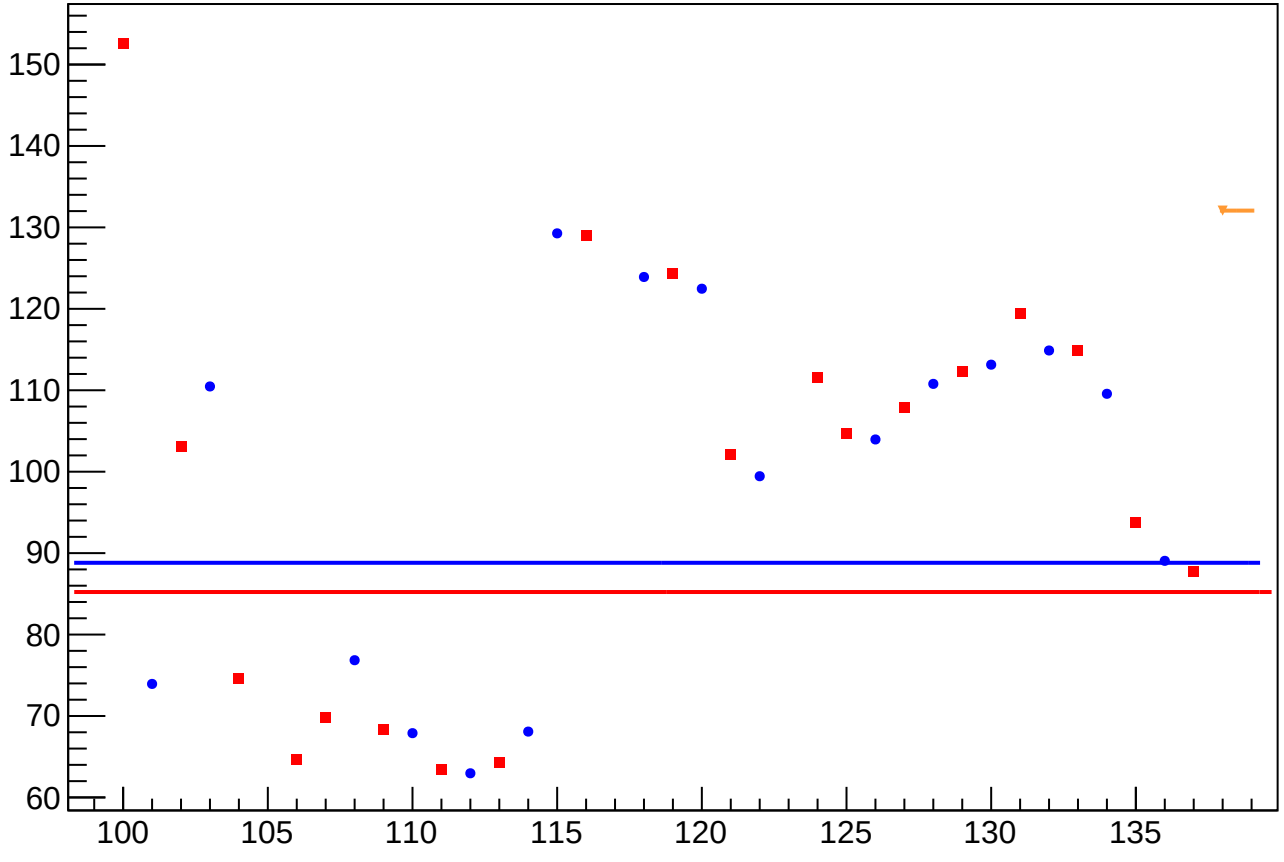
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.970+/-33.317 χ^2/NDF: 11.6/16

All: -40.273+/-23.313 χ^2/NDF: 34.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 88.813+/-0.024 χ^2/NDF: 724609.8/15

Left Out: 132.062+/-0.107 χ^2/NDF:0.0/0

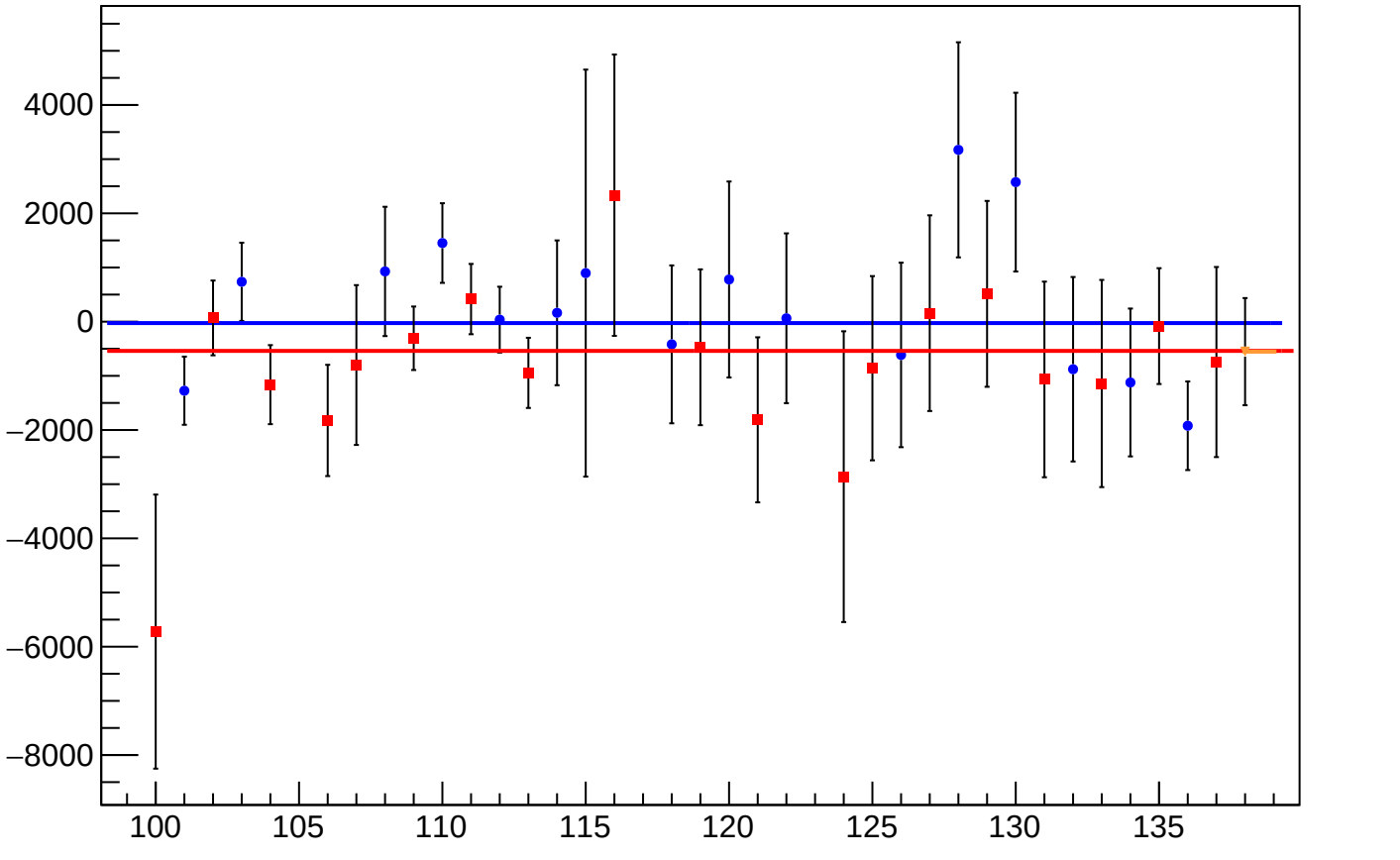
Right Out: 85.225+/-0.023 χ^2/NDF: 884071.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.903+/-0.024 χ^2/NDF: 879577.2/16

All: 88.005+/-0.016 χ^2/NDF: 1793299.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -25.770+/-259.401 χ^2/NDF: 21.6/15

Left Out: -553.032+/-988.954 χ^2/NDF:0.0/0

Right Out: -539.635+/-241.238 χ^2/NDF: 13.6/18

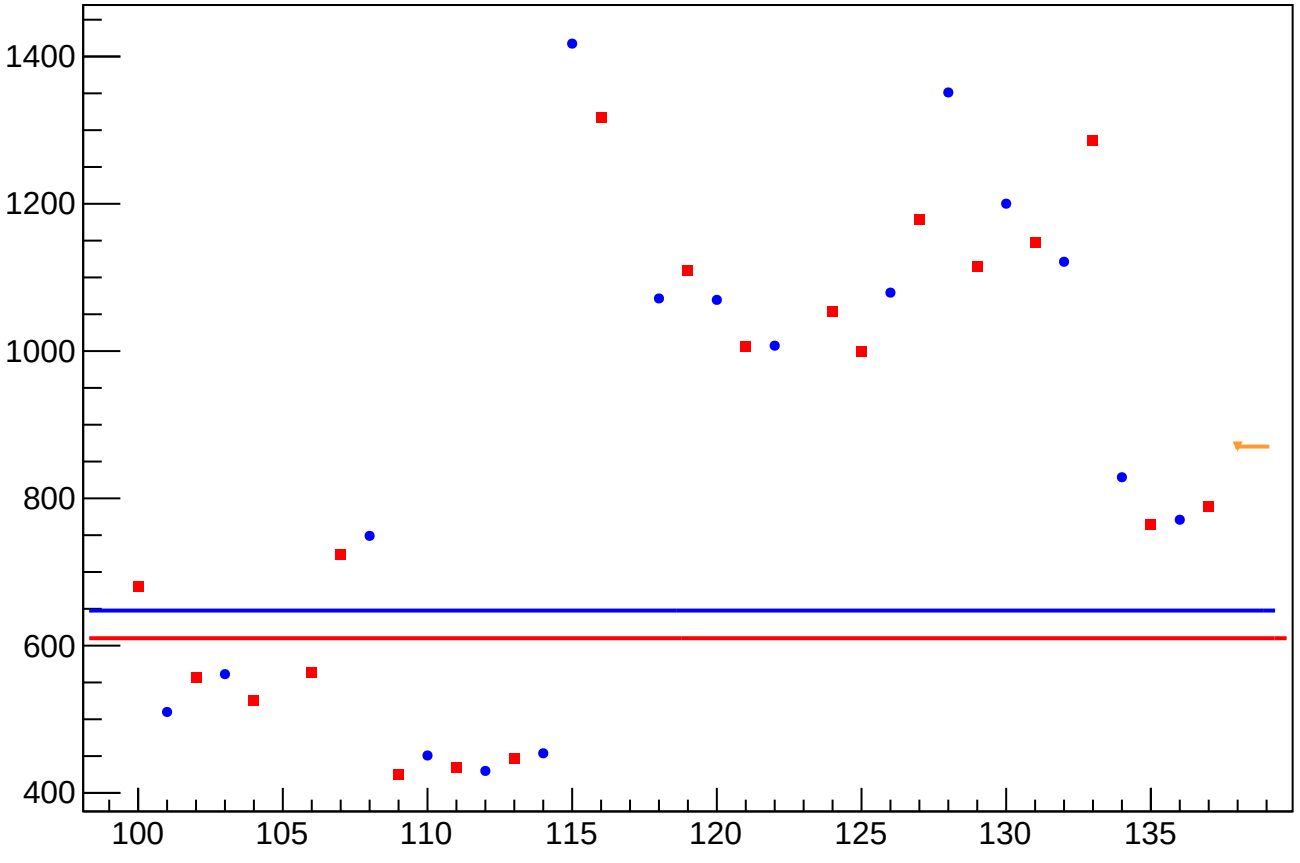
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -59.711+/-250.913 χ^2/NDF: 21.8/16

All: -309.104+/-173.901 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 647.641+/-0.183 χ^2/NDF: 1887815.9/15

Left Out: 870.334+/-0.699 χ^2/NDF:0.0/0

Right Out: 610.061+/-0.171 χ^2/NDF: 2074248.2/18

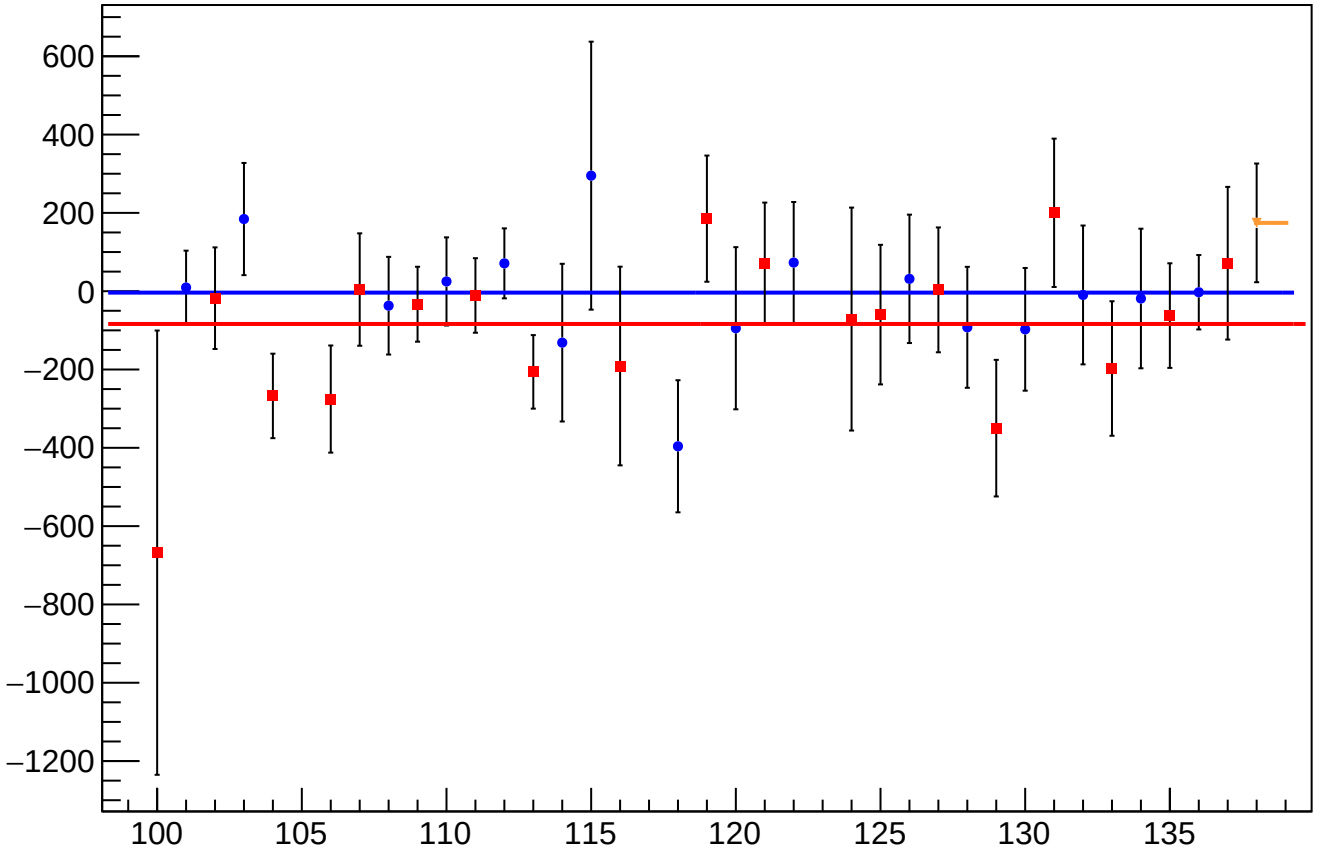
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 661.976+/-0.177 χ^2/NDF: 1982700.6/16

All: 634.998+/-0.123 χ^2/NDF: 4101440.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: -3.633+/-34.152 χ^2/NDF: 10.3/15

Left Out: 174.449+/-151.569 χ^2/NDF:0.0/0

Right Out: -83.676+/-32.633 χ^2/NDF: 19.1/18

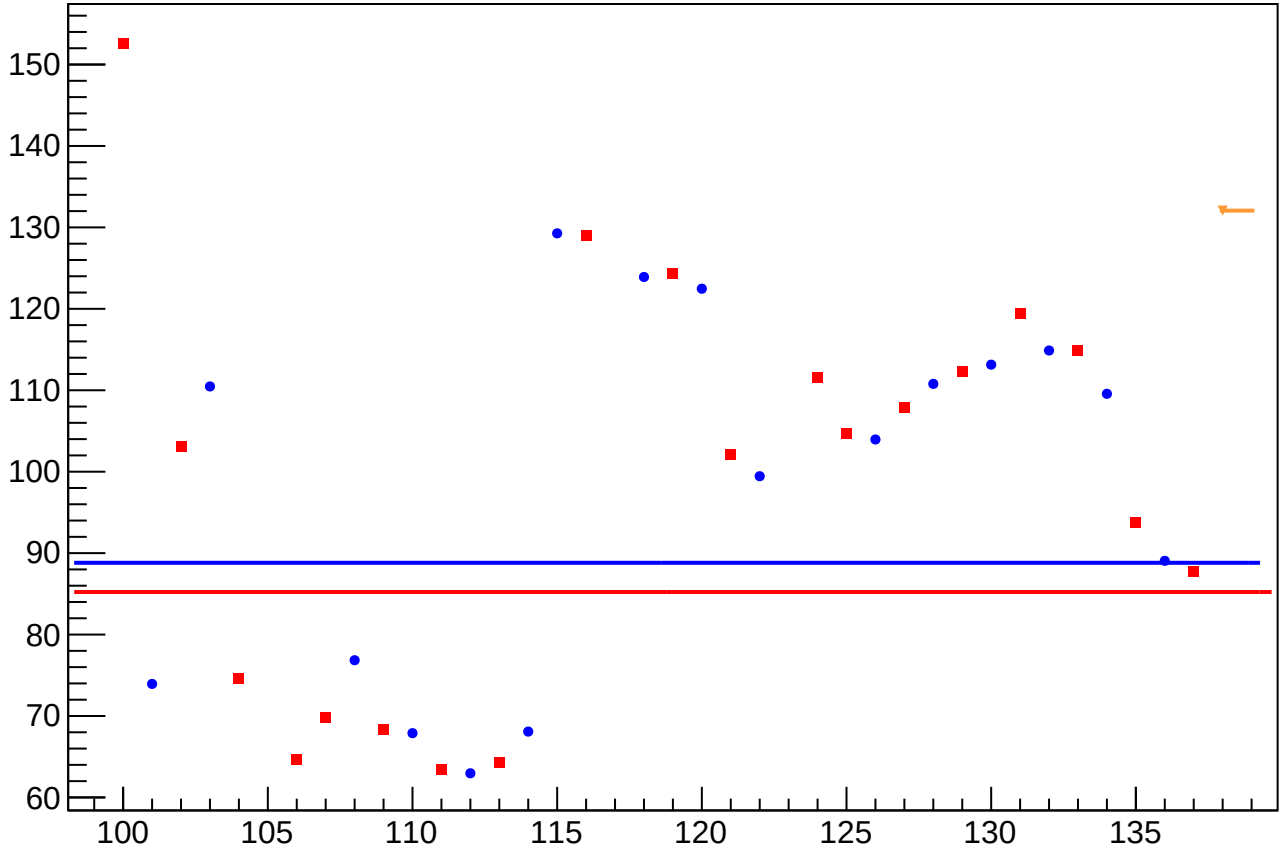
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.971+/-33.317 χ^2/NDF: 11.6/16

All: -40.272+/-23.313 χ^2/NDF: 34.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 88.813+/-0.024 χ^2/NDF: 724609.7/15

Left Out: 132.062+/-0.107 χ^2/NDF:0.0/0

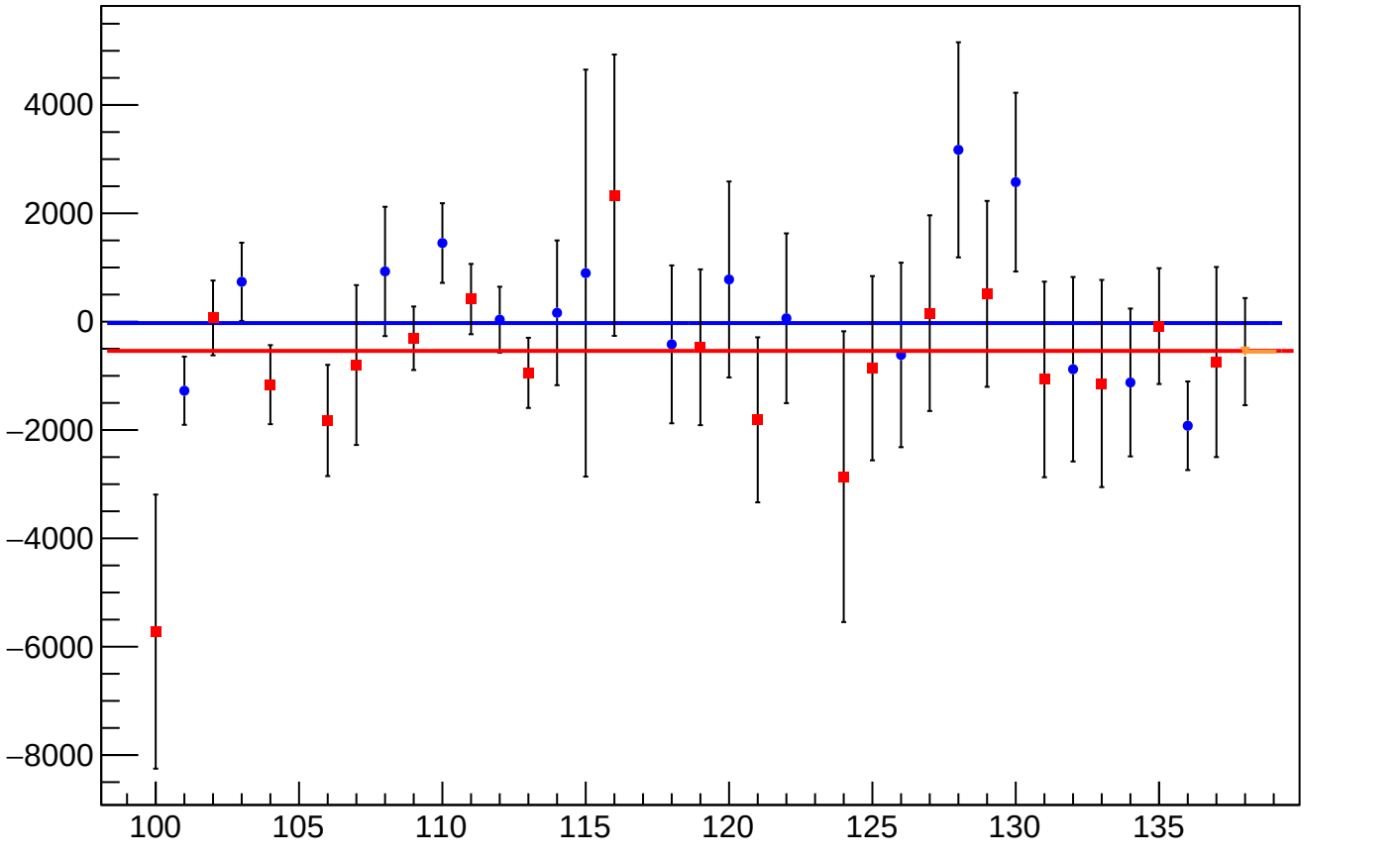
Right Out: 85.225+/-0.023 χ^2/NDF: 884073.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.903+/-0.024 χ^2/NDF: 879577.2/16

All: 88.005+/-0.016 χ^2/NDF: 1793301.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -25.770+/-259.401 χ^2/NDF: 21.6/15

Left Out: -553.039+/-988.953 χ^2/NDF:0.0/0

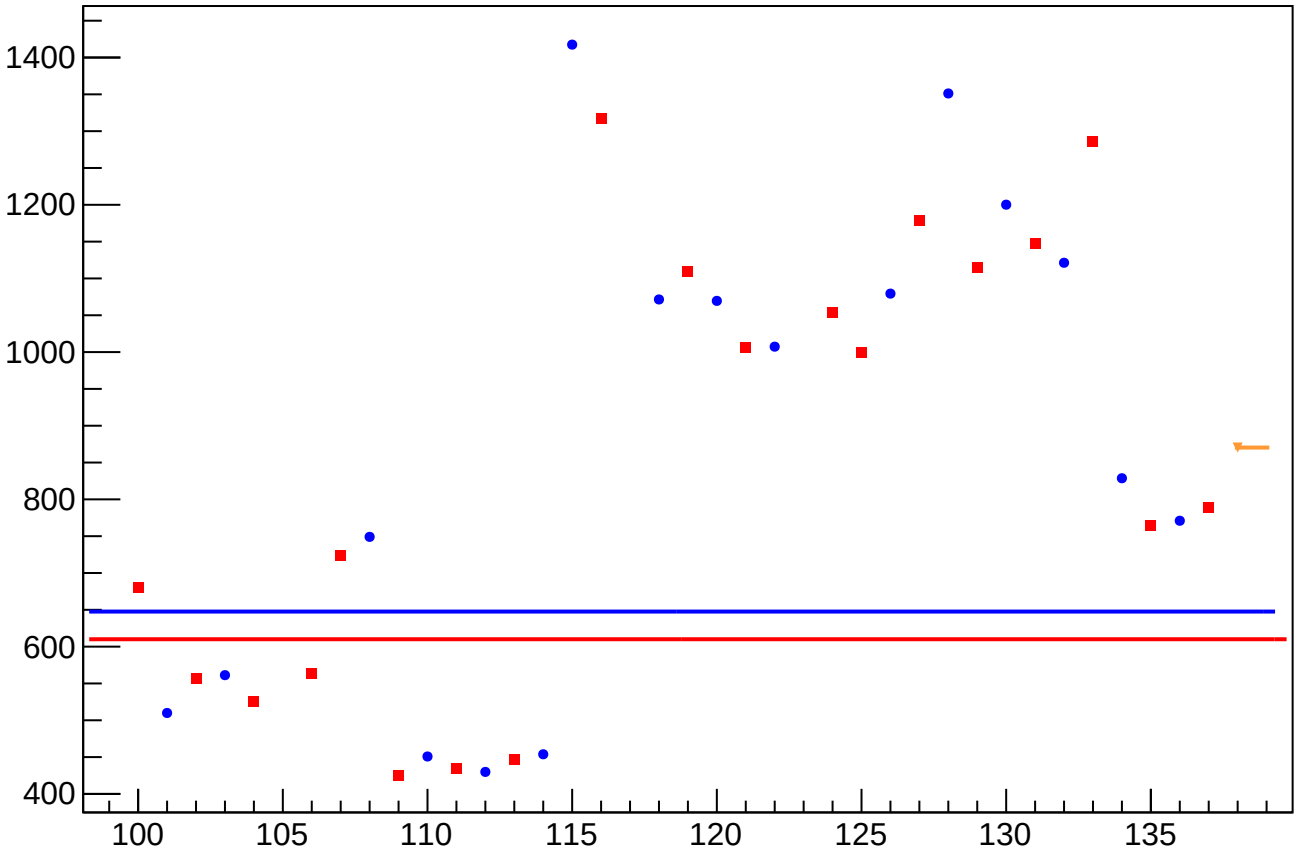
Right Out: -539.635+/-241.238 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -59.711+/-250.913 χ^2/NDF: 21.8/16

All: -309.104+/-173.901 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 647.640+/-0.183 χ^2/NDF: 1887820.6/15

Left Out: 870.333+/-0.699 χ^2/NDF:0.0/0

Right Out: 610.060+/-0.171 χ^2/NDF: 2074251.1/18

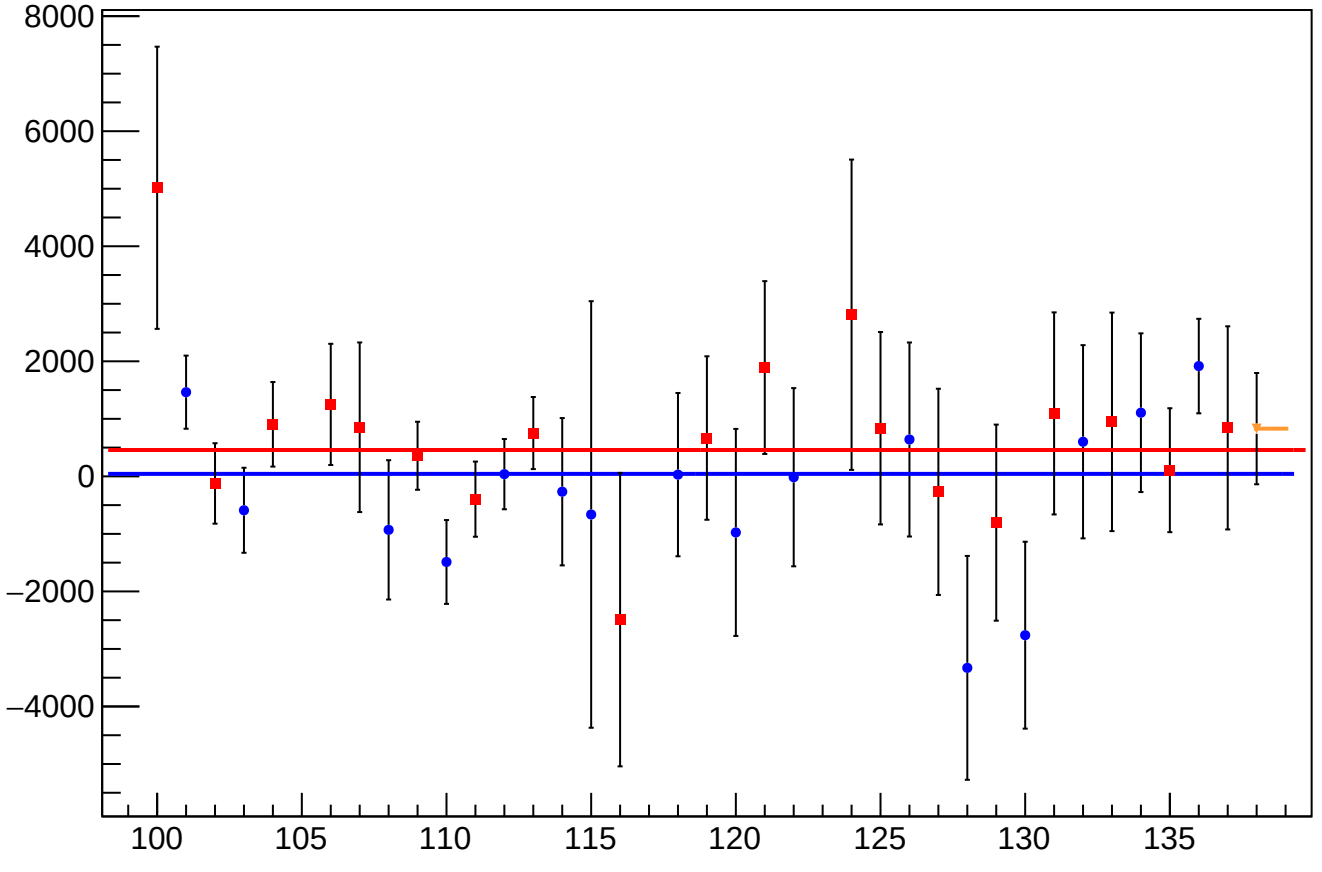
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 661.975+/-0.177 χ^2/NDF: 1982705.3/16

All: 634.997+/-0.123 χ^2/NDF: 4101448.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: 43.152+/-259.796 χ^2/NDF: 23.2/15

Left Out: 829.427+/-967.275 χ^2/NDF:0.0/0

Right Out: 458.111+/-241.118 χ^2/NDF: 11.3/18

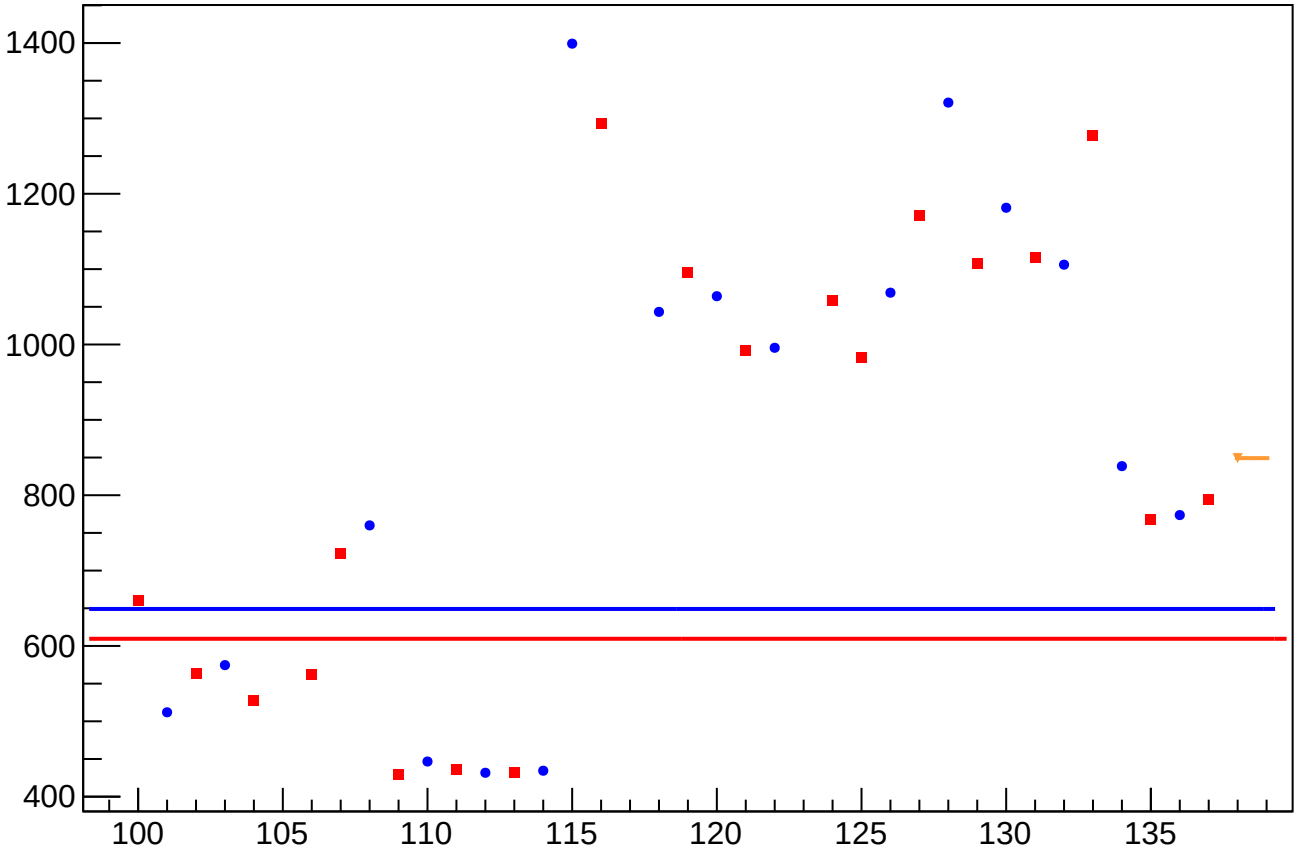
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 96.056+/-250.904 χ^2/NDF: 23.8/16

All: 284.282+/-173.853 χ^2/NDF: 36.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 649.091+/-0.184 χ^2/NDF: 1845815.6/15

Left Out: 849.211+/-0.684 χ^2/NDF:0.0/0

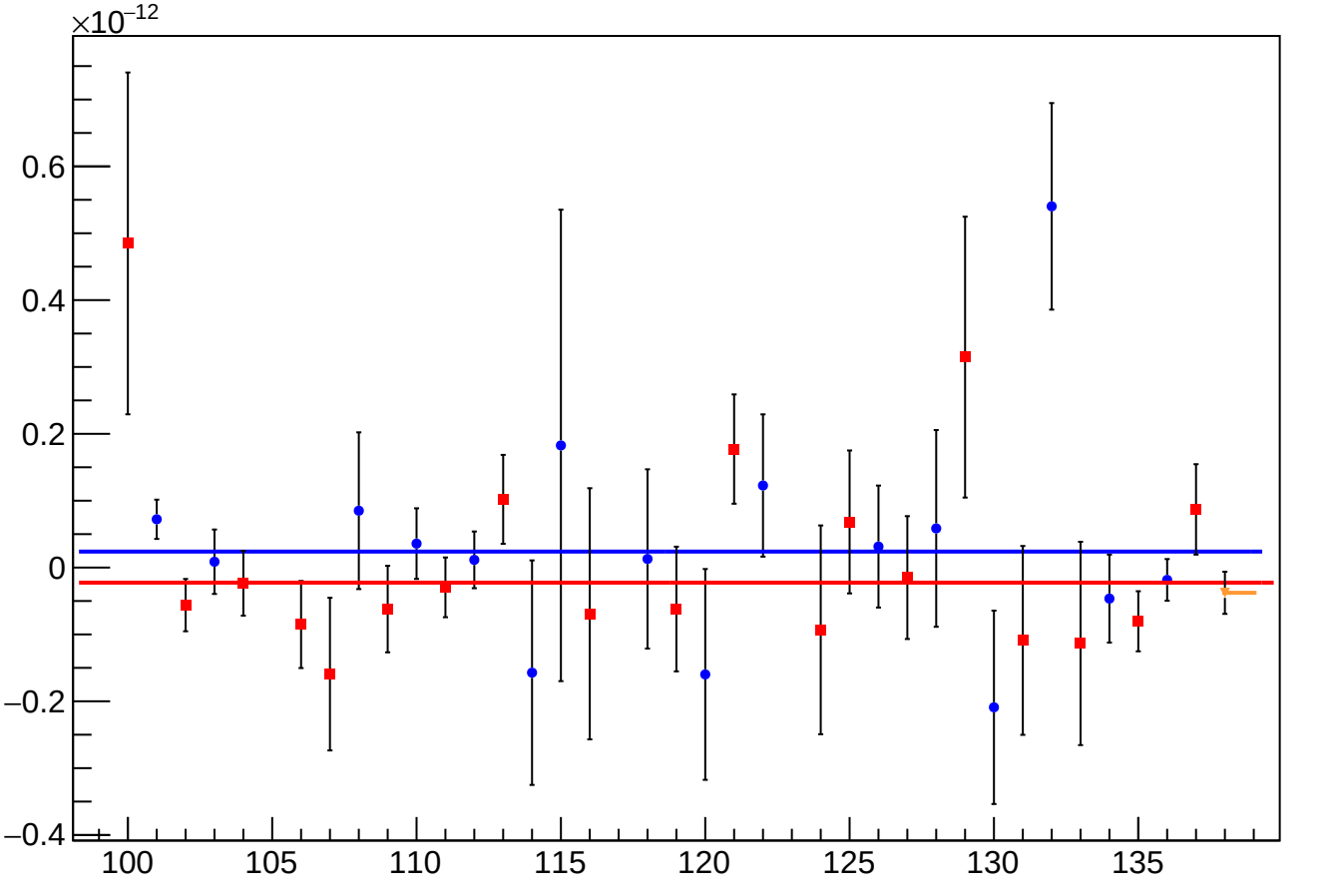
Right Out: 609.516+/-0.170 χ^2/NDF: 2043591.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 662.556+/-0.177 χ^2/NDF: 1925663.1/16

All: 634.981+/-0.123 χ^2/NDF: 4015718.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

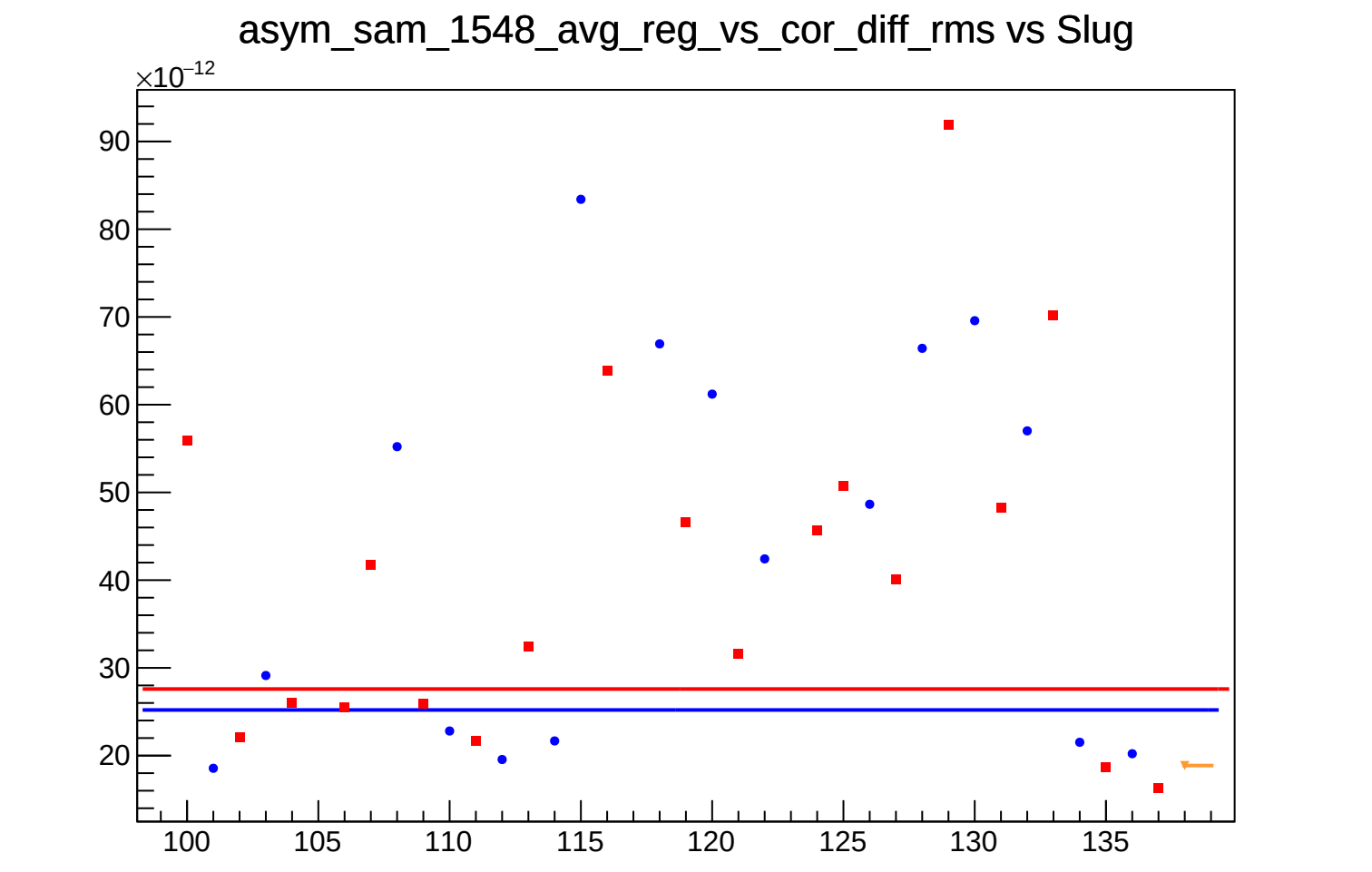
Right Out: -0.000+/-0.000 χ^2/NDF: 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 26.7/16

All: -0.000+/-0.000 χ^2/NDF: 55.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1312245.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

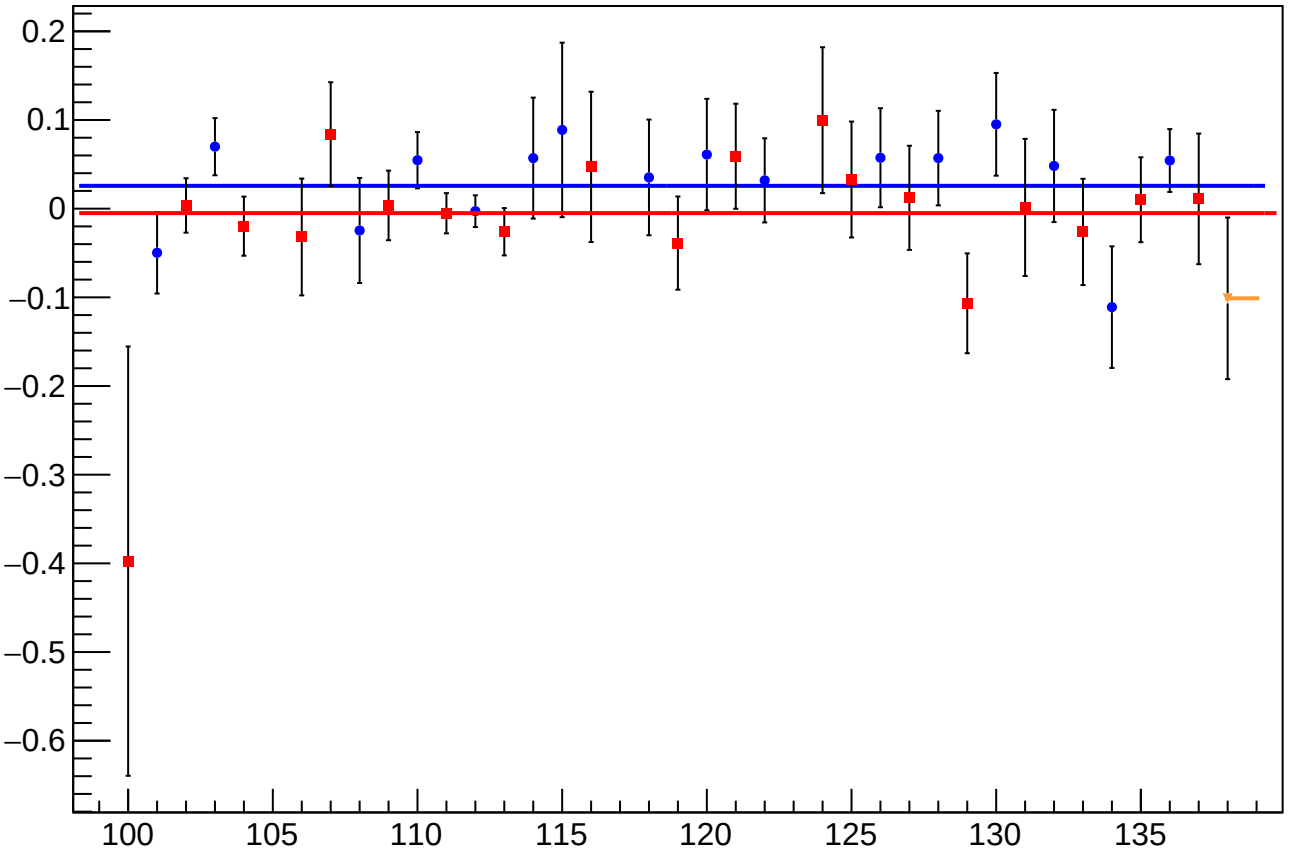
Right Out: 0.000+/-0.000 χ^2/NDF: 988490.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1377774.8/16

All: 0.000+/-0.000 χ^2/NDF: 2422783.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.026+/-0.010 χ^2/NDF: 16.5/15

Left Out: -0.101+/-0.091 χ^2/NDF:0.0/0

Right Out: -0.005+/-0.010 χ^2/NDF: 13.6/18

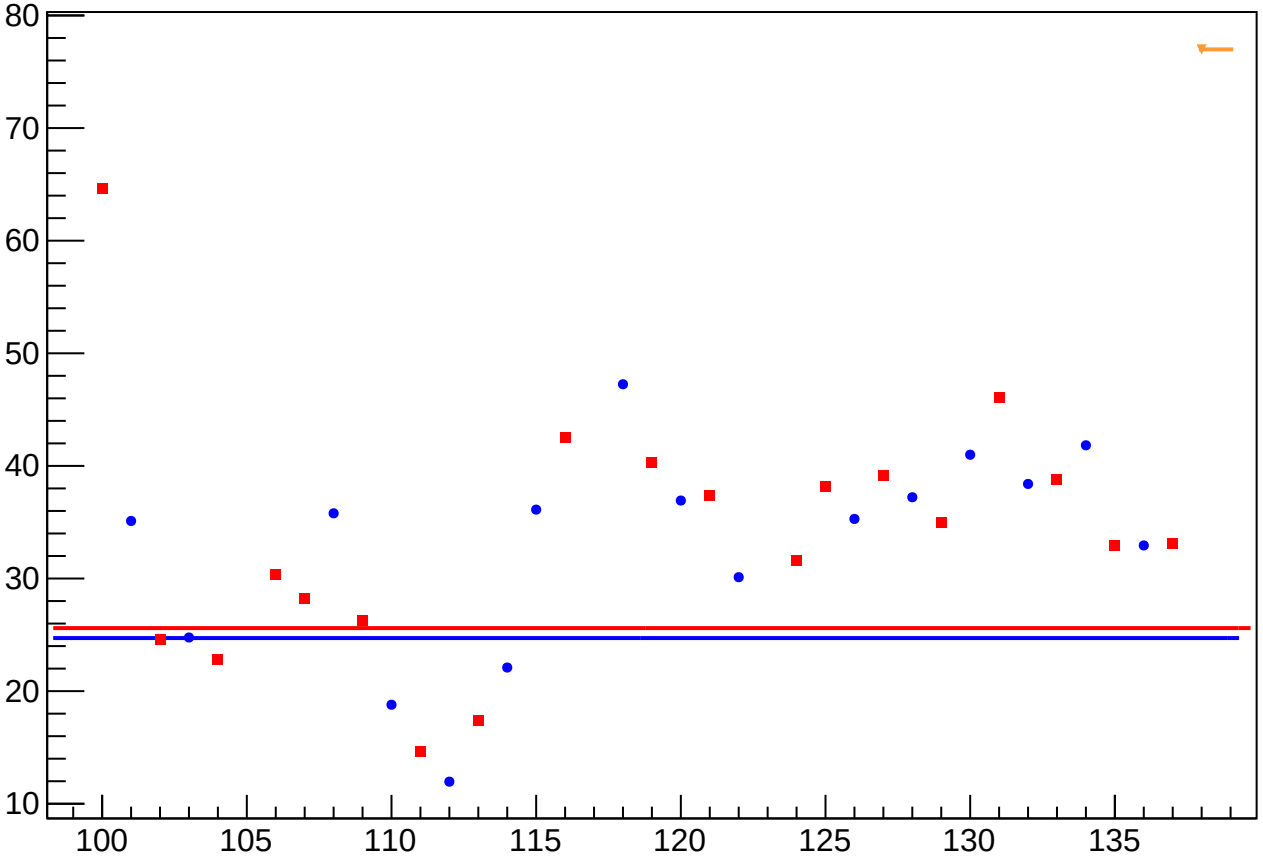
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.010 χ^2/NDF: 18.4/16

All: 0.010+/-0.007 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug



Right In: 24.712+/-0.007 χ^2/NDF: 2295174.7/15

Left Out: 76.986+/-0.064 χ^2/NDF:0.0/0

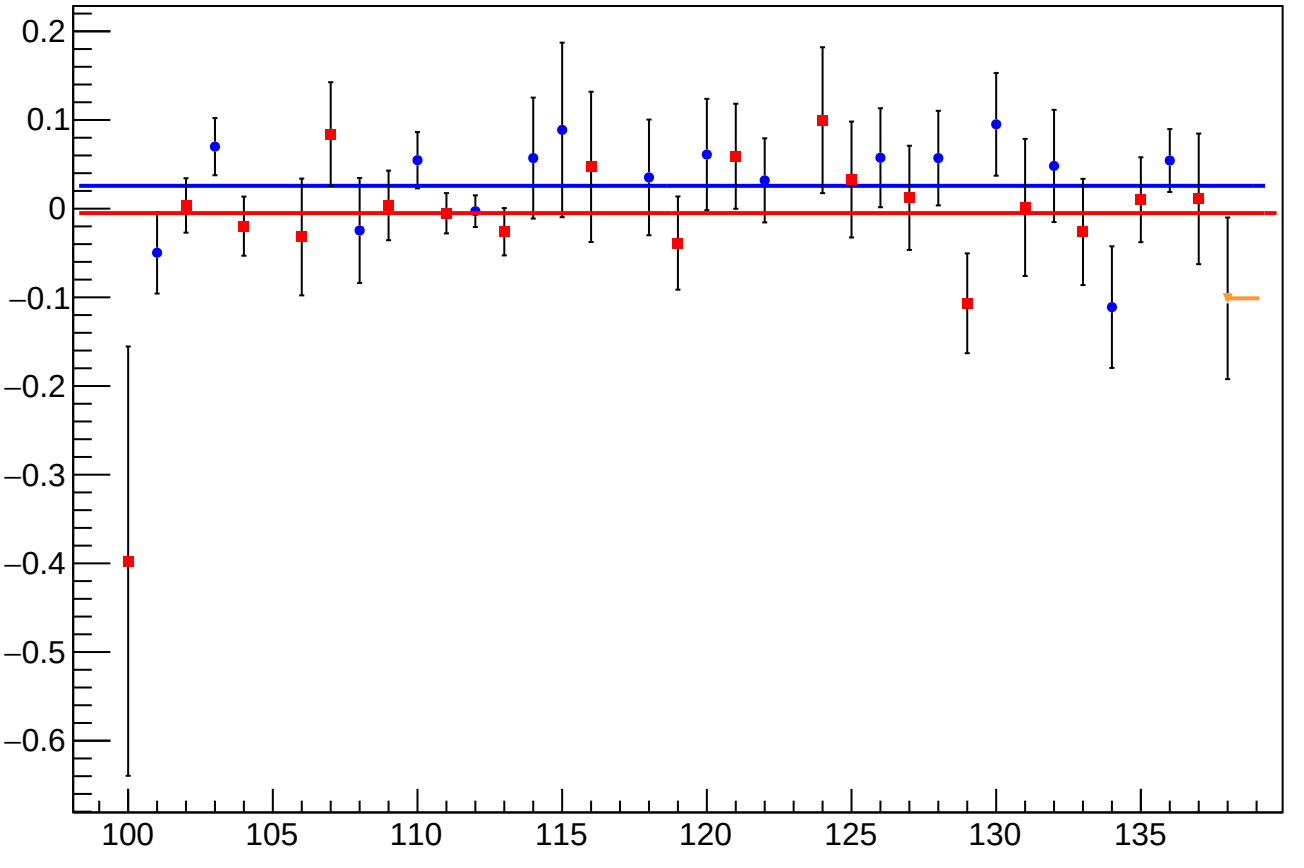
Right Out: 25.597+/-0.007 χ^2/NDF: 1605235.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.379+/-0.007 χ^2/NDF: 2944844.8/16

All: 25.487+/-0.005 χ^2/NDF: 4550528.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.026+/-0.010 χ^2/NDF: 16.5/15

Left Out: -0.101+/-0.091 χ^2/NDF:0.0/0

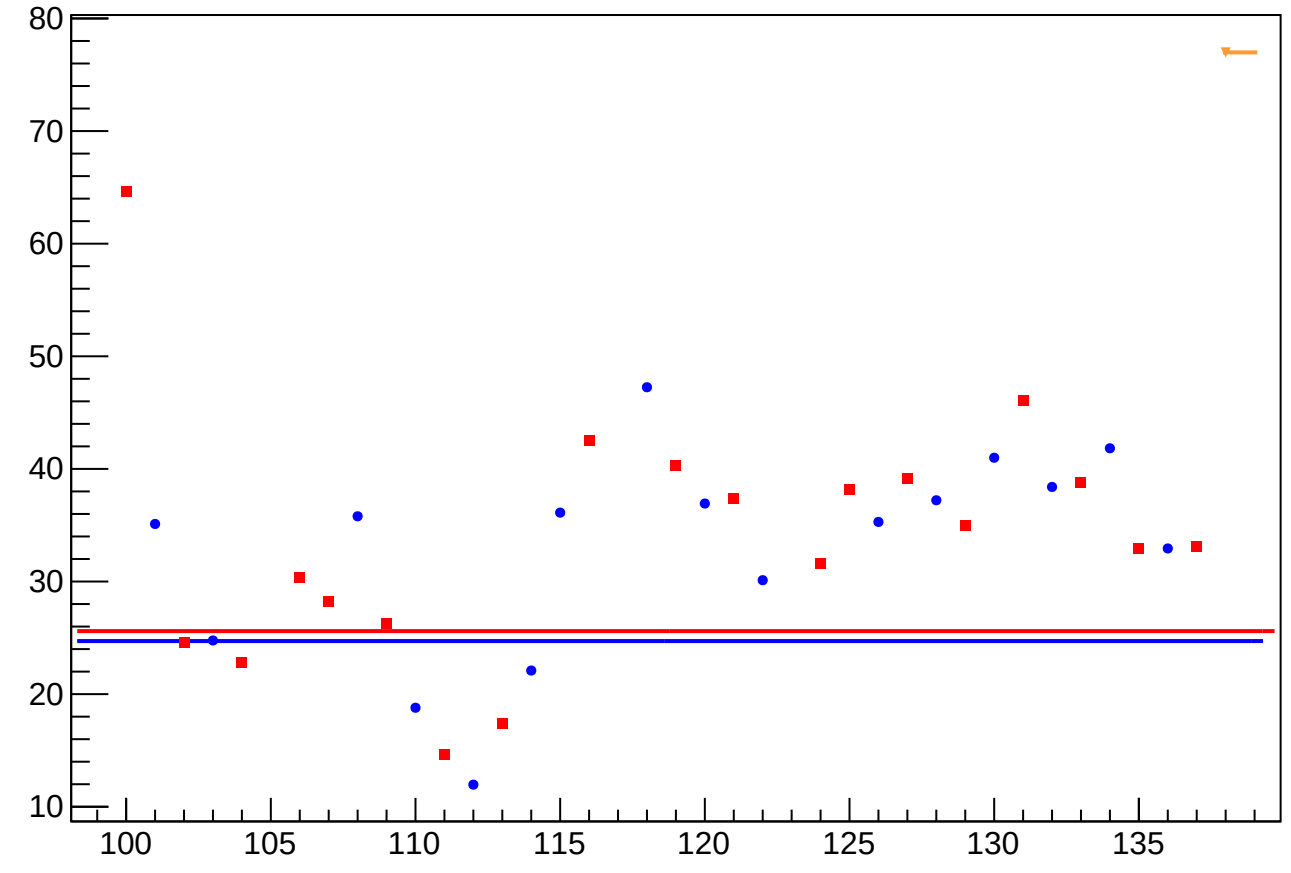
Right Out: -0.005+/-0.010 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.010 χ^2/NDF: 18.4/16

All: 0.010+/-0.007 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 24.712+/-0.007 χ^2/NDF: 2295174.7/15

Left Out: 76.986+/-0.064 χ^2/NDF:0.0/0

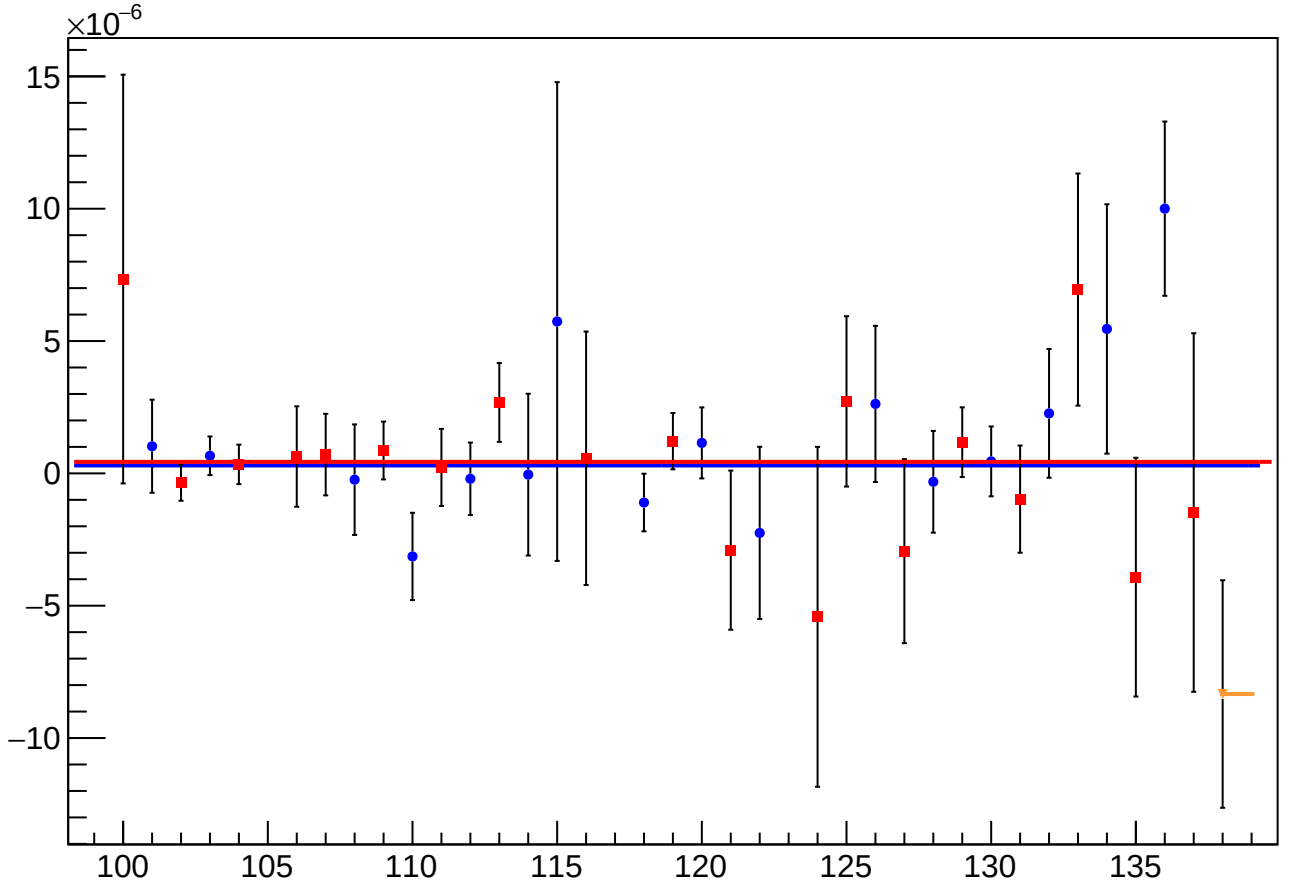
Right Out: 25.597+/-0.007 χ^2/NDF: 1605235.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.379+/-0.007 χ^2/NDF: 2944844.8/16

All: 25.487+/-0.005 χ^2/NDF: 4550528.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 19.3/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

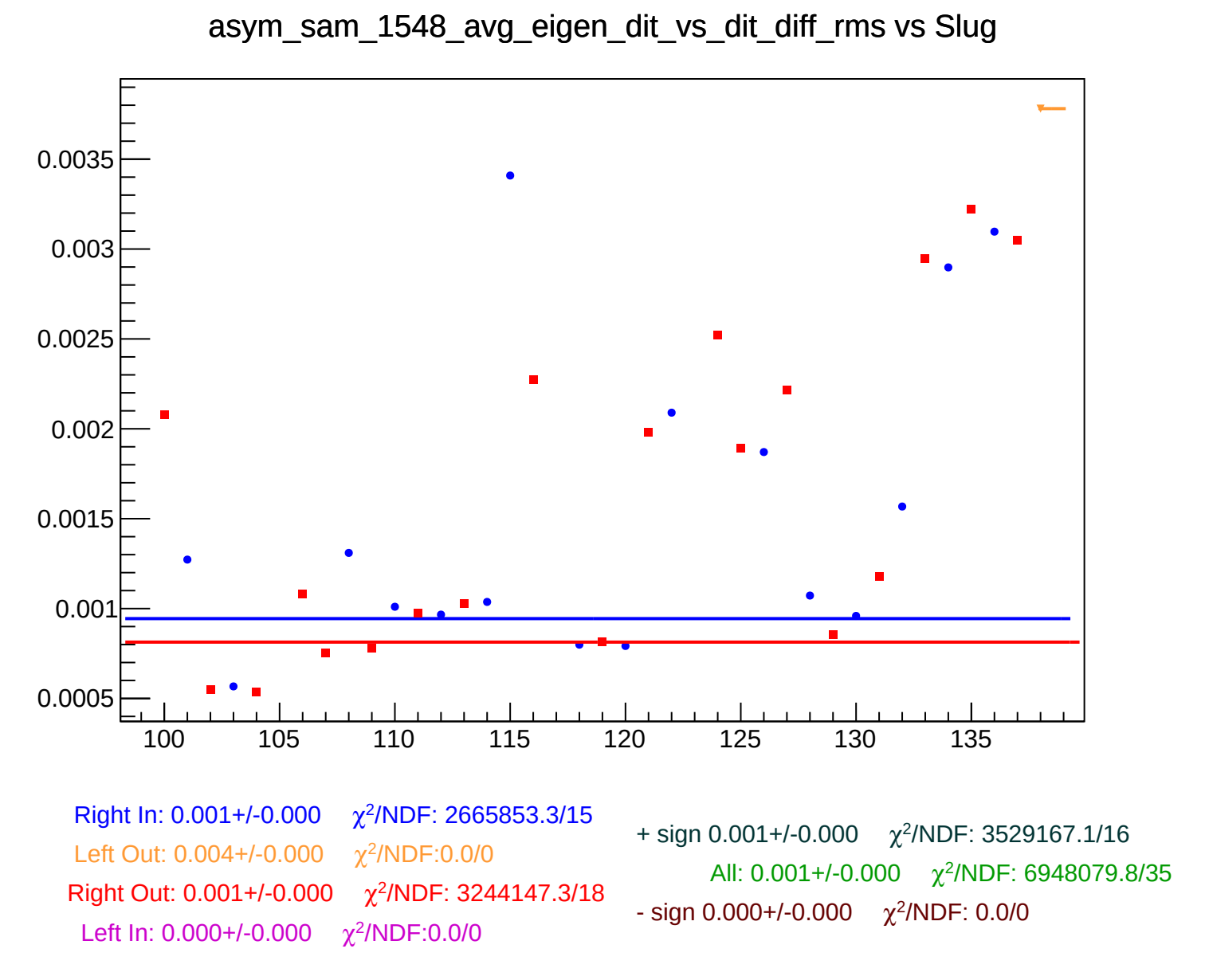
Right Out: 0.000+/-0.000 χ^2/NDF: 12.7/18

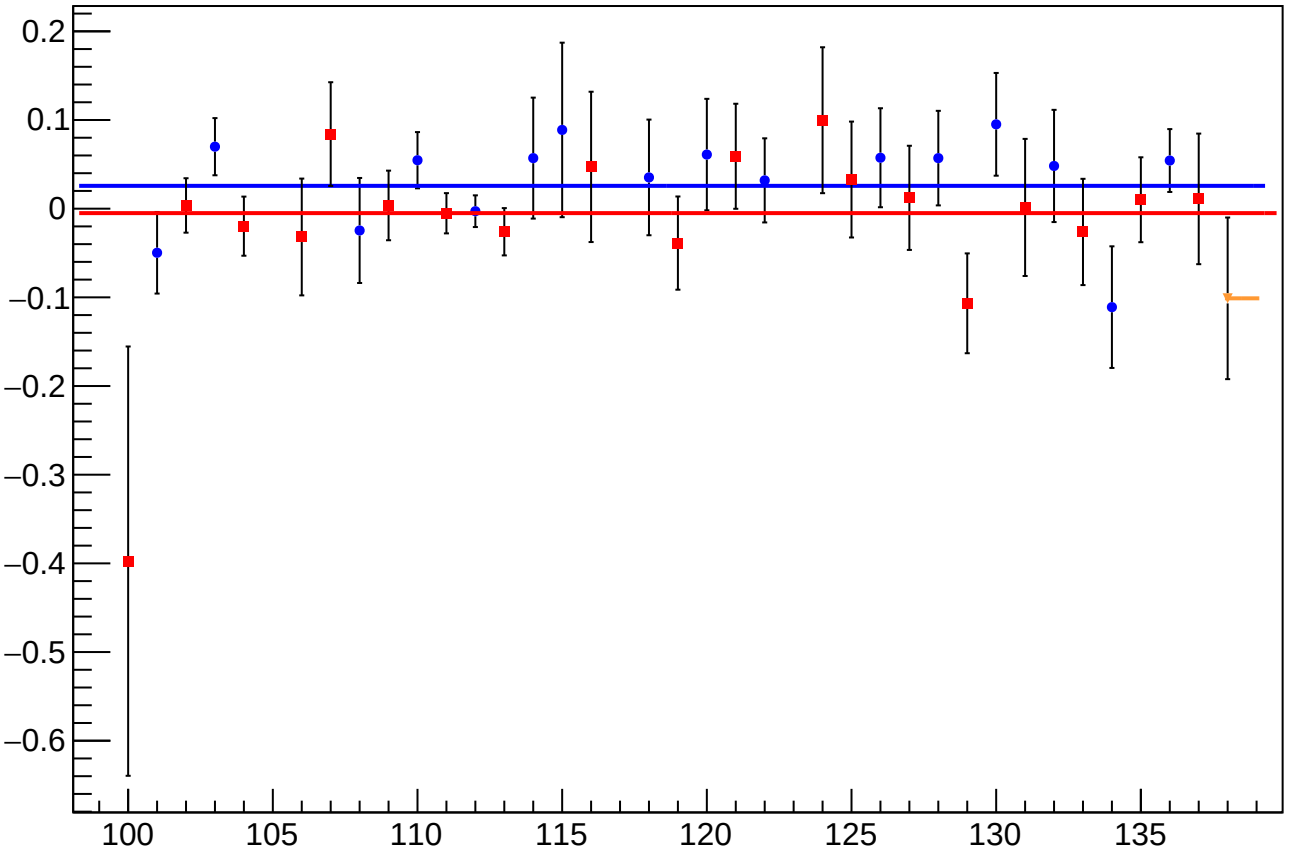
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 23.3/16

All: 0.000+/-0.000 χ^2/NDF: 36.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
100
105
110
115
120
125
130
135
Right In: 0.001+/-0.000 χ²/NDF: 2665853.3/15
Left Out: 0.004+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 3244147.3/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.001+/-0.000 χ²/NDF: 3529167.1/16
All: 0.001+/-0.000 χ²/NDF: 6948079.8/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.026+/-0.010 χ^2/NDF: 16.5/15

Left Out: -0.101+/-0.091 χ^2/NDF:0.0/0

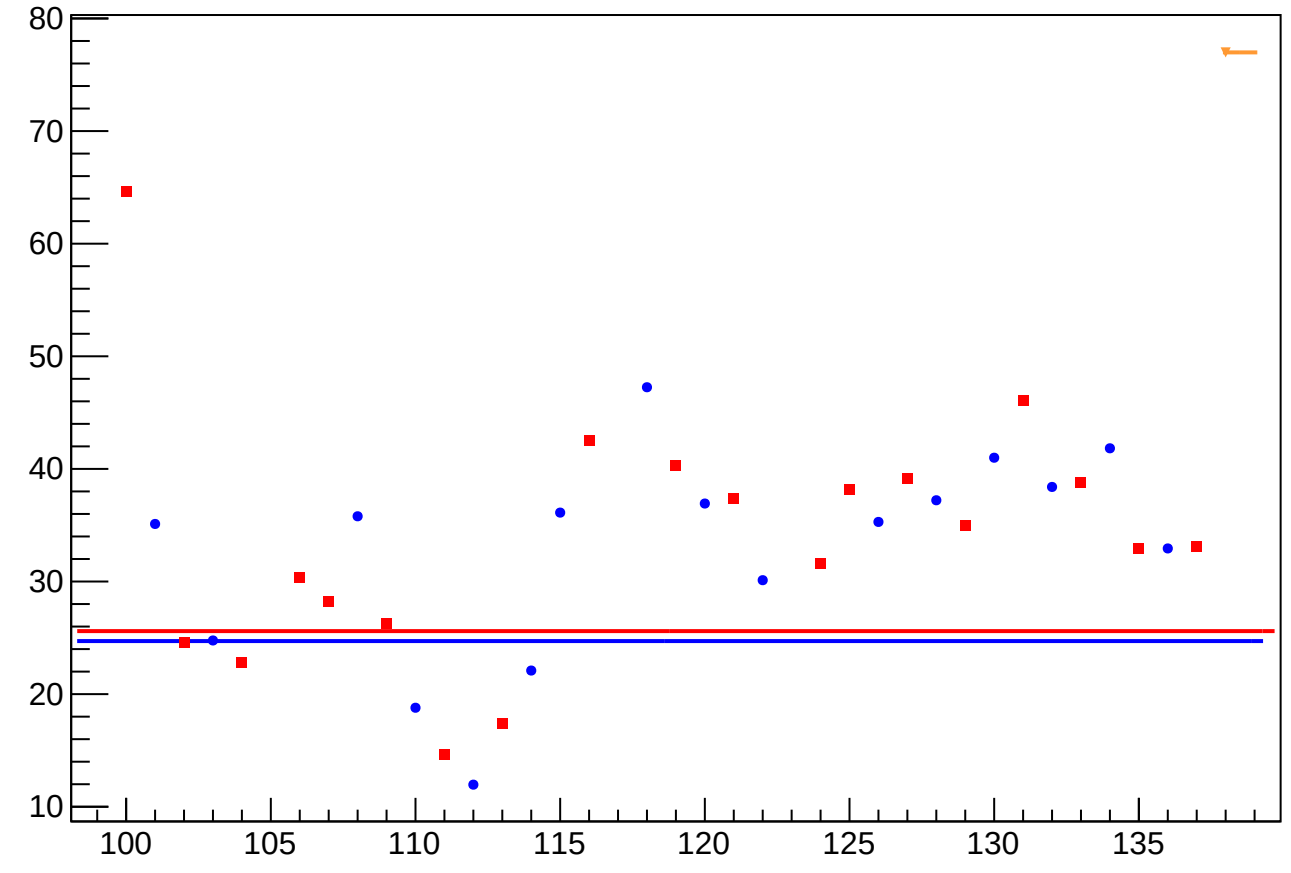
Right Out: -0.005+/-0.010 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.010 χ^2/NDF: 18.4/16

All: 0.010+/-0.007 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 24.712+/-0.007 χ^2/NDF: 2295351.2/15

Left Out: 76.986+/-0.064 χ^2/NDF:0.0/0

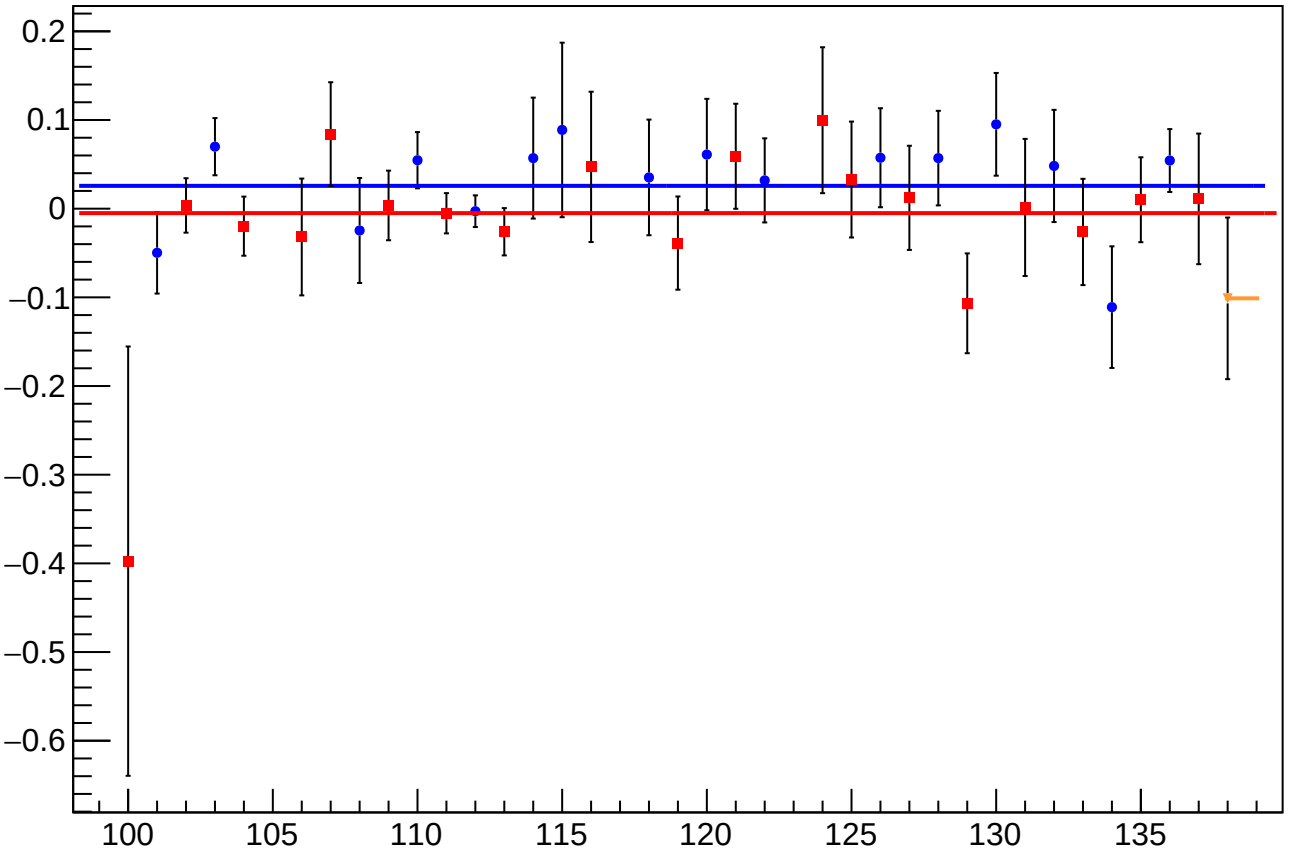
Right Out: 25.597+/-0.007 χ^2/NDF: 1605387.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.378+/-0.007 χ^2/NDF: 2945034.2/16

All: 25.487+/-0.005 χ^2/NDF: 4550869.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.026+/-0.010 χ^2/NDF: 16.5/15

Left Out: -0.101+/-0.091 χ^2/NDF:0.0/0

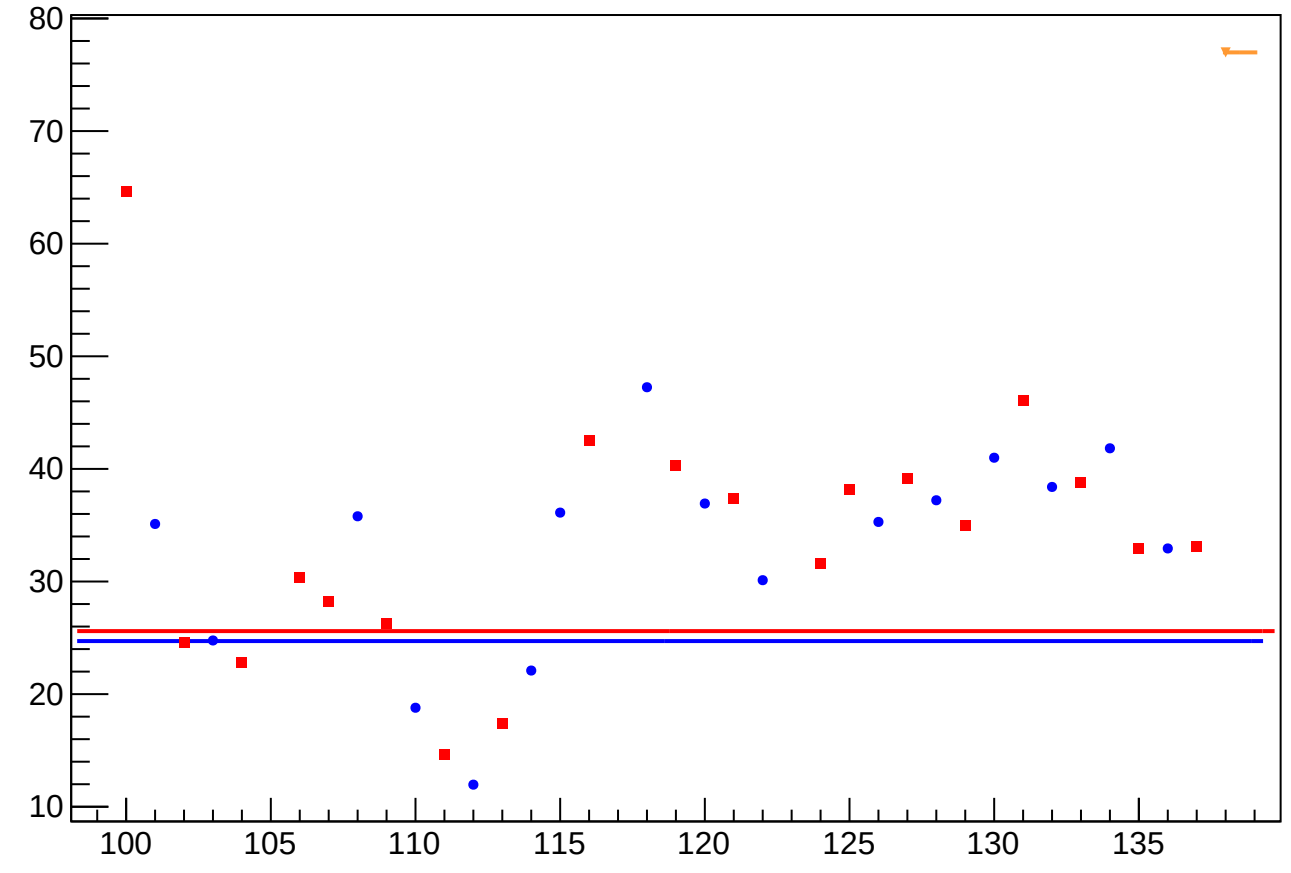
Right Out: -0.005+/-0.010 χ^2/NDF: 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.024+/-0.010 χ^2/NDF: 18.4/16

All: 0.010+/-0.007 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 24.712+/-0.007 χ^2/NDF: 2295351.2/15

Left Out: 76.986+/-0.064 χ^2/NDF:0.0/0

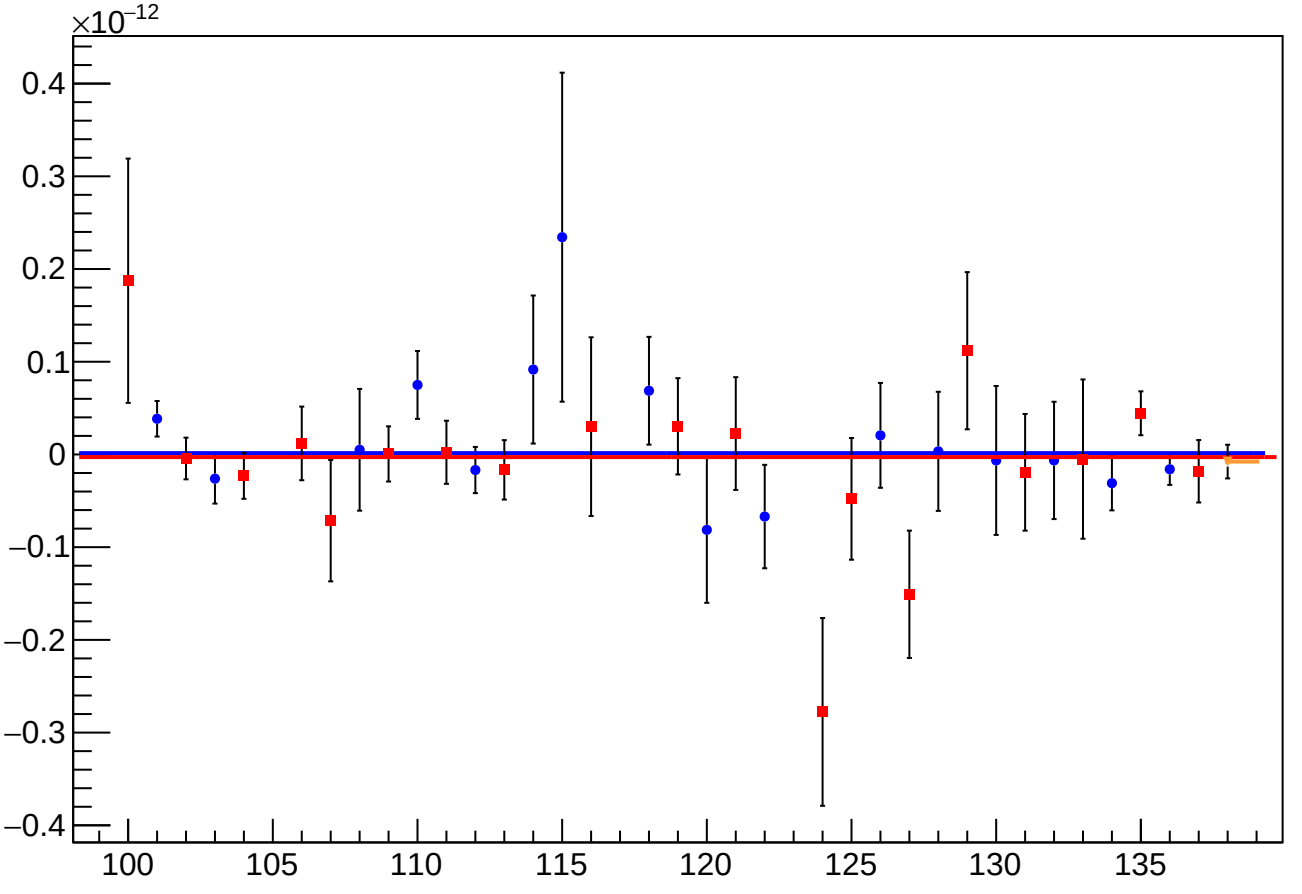
Right Out: 25.597+/-0.007 χ^2/NDF: 1605387.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.378+/-0.007 χ^2/NDF: 2945034.2/16

All: 25.487+/-0.005 χ^2/NDF: 4550869.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 18.7/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

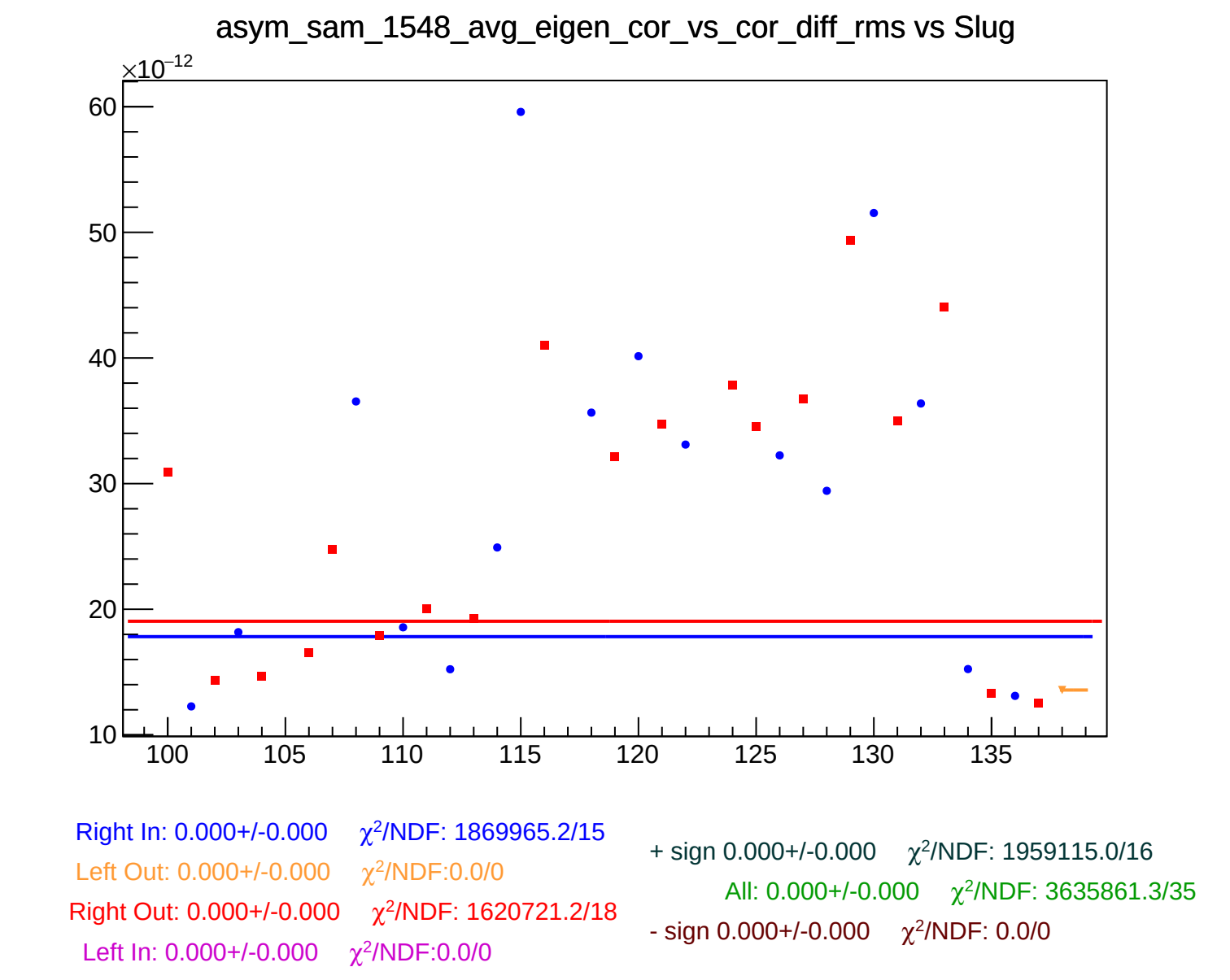
Right Out: -0.000+/-0.000 χ^2/NDF: 23.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.9/16

All: -0.000+/-0.000 χ^2/NDF: 42.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
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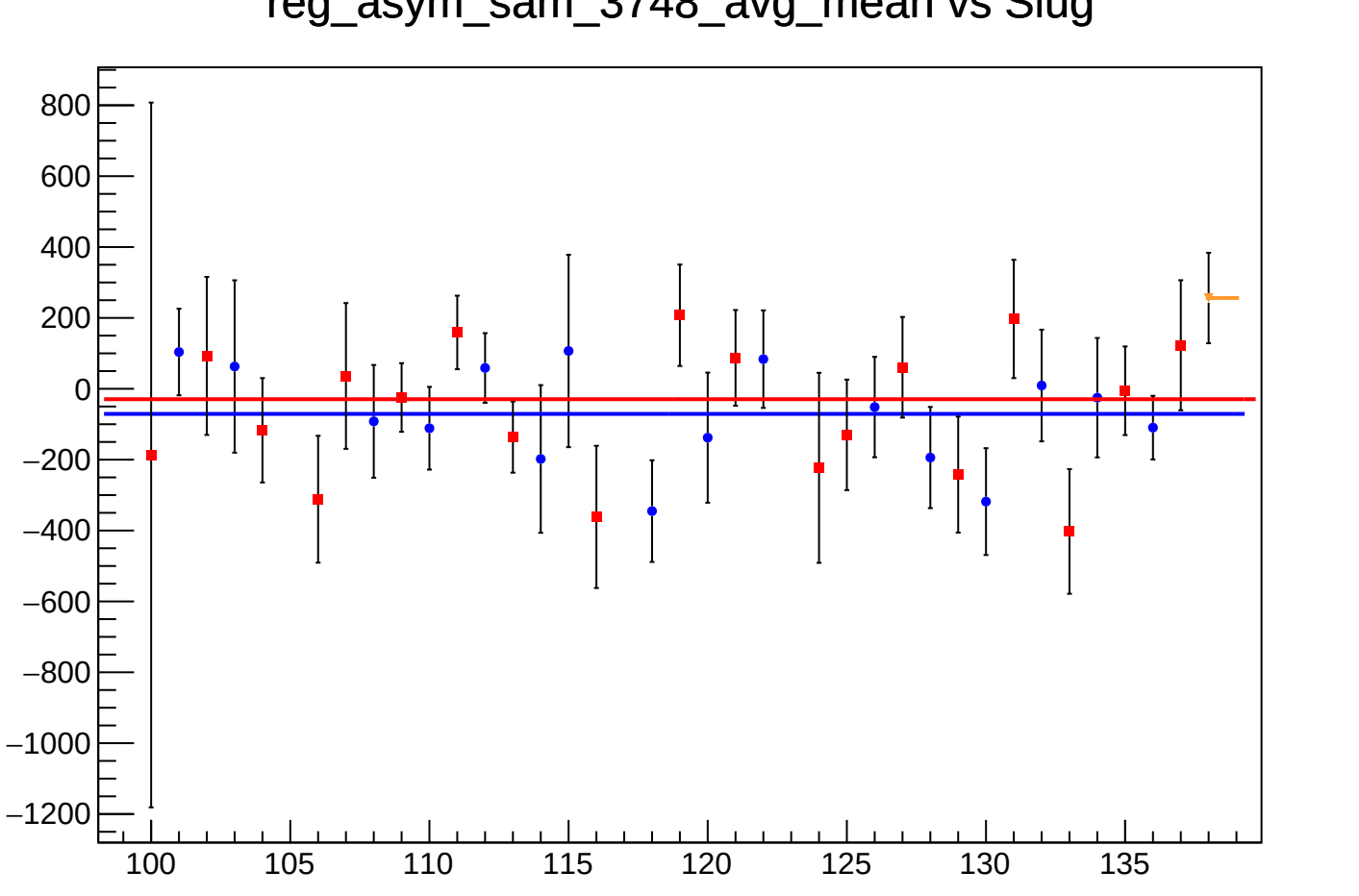
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1869965.2/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1620721.2/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1959115.0/16
All: 0.000+/-0.000 χ²/NDF: 3635861.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0


reg_asym_sam_3748_avg_mean vs Slug
800
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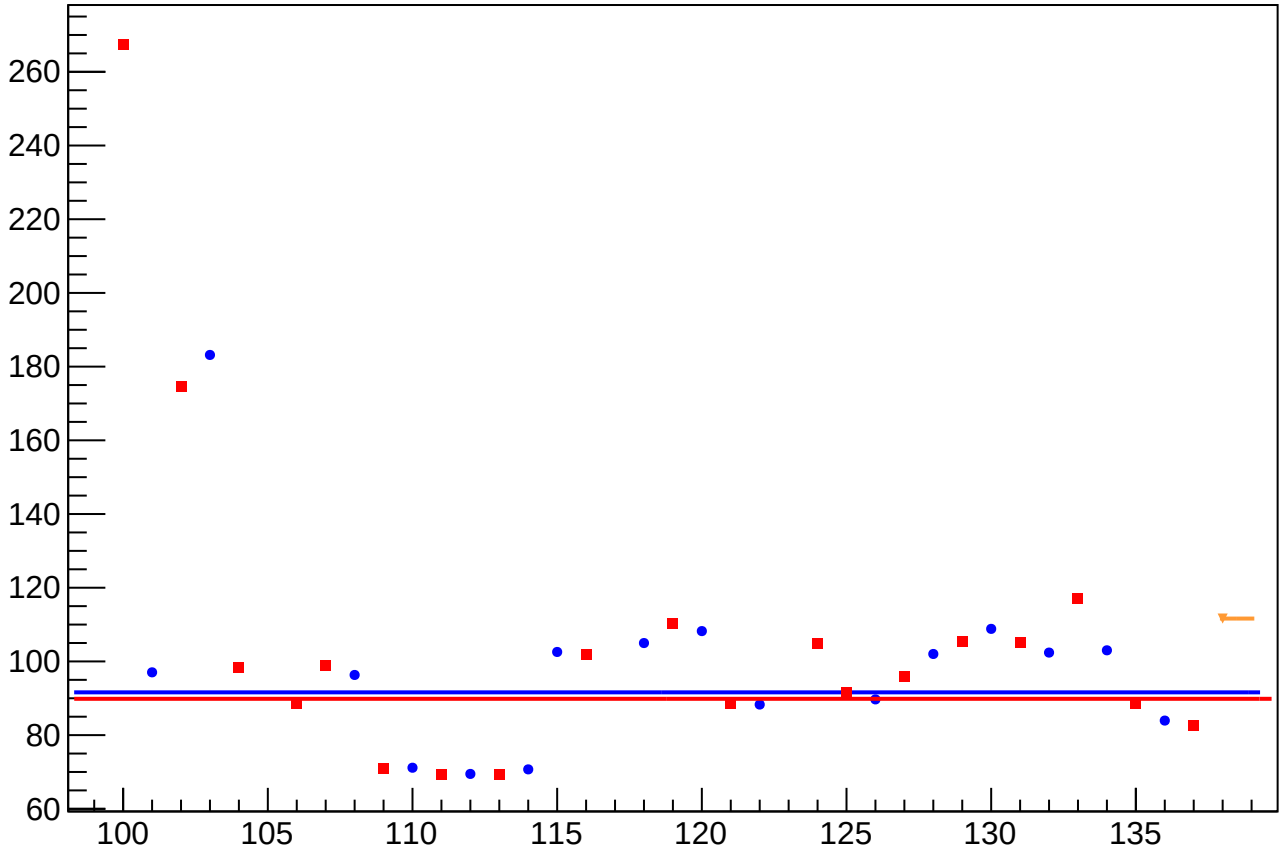
−400
−600
−800
−1000
−1200
100
105
110
115
120
125
130
135
Right In: -70.892+/-35.122 χ²/NDF: 14.1/15
Left Out: 256.164+/-127.619 χ²/NDF:0.0/0
Right Out: -29.410+/-34.243 χ²/NDF: 24.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -47.864+/-33.863 χ²/NDF: 20.2/16
All: -38.740+/-24.078 χ²/NDF: 44.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 91.608+/-0.025 χ^2/NDF: 580672.8/15

Left Out: 111.631+/-0.090 χ^2/NDF:0.0/0

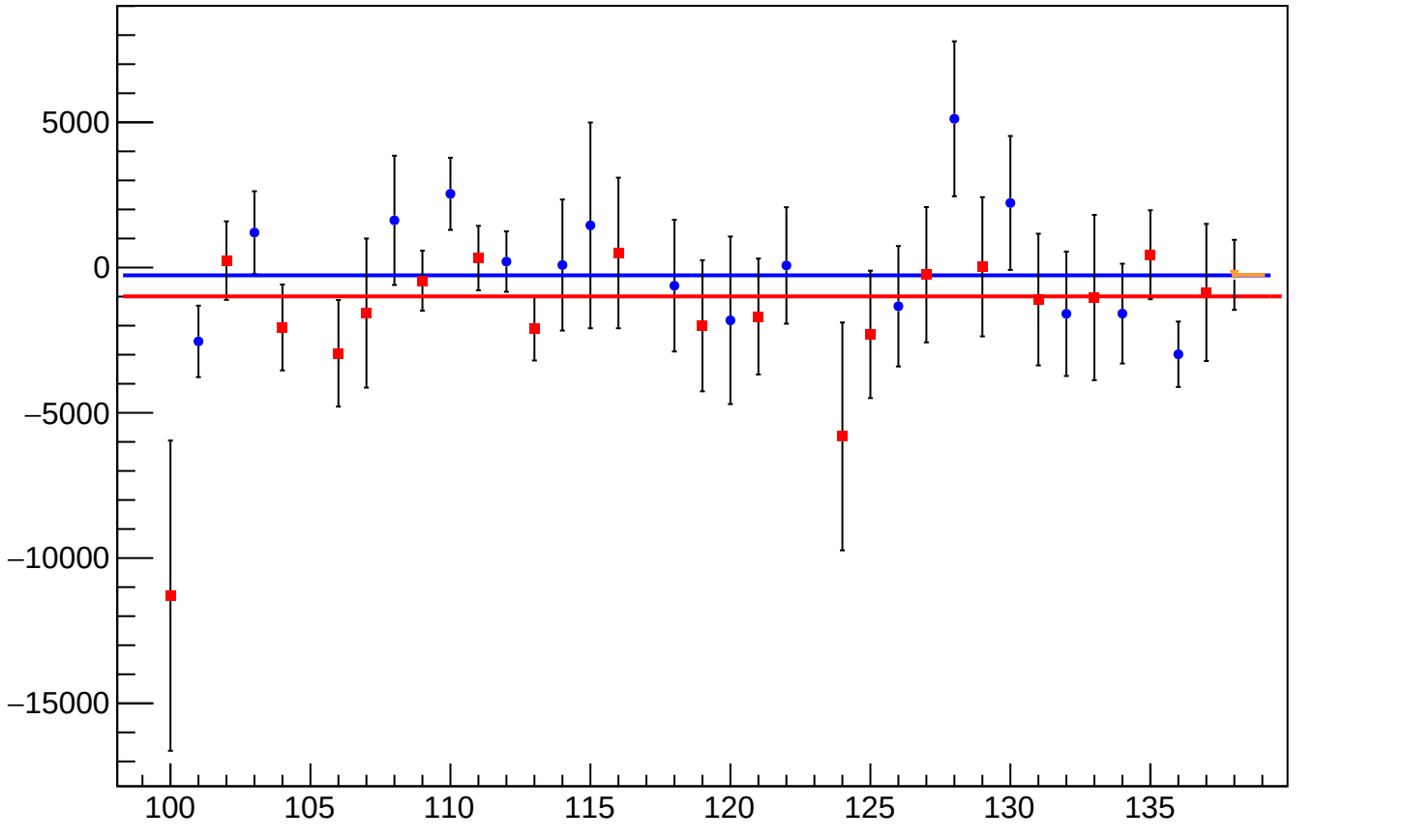
Right Out: 89.854+/-0.024 χ^2/NDF: 746289.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 93.018+/-0.024 χ^2/NDF: 626440.4/16

All: 91.454+/-0.017 χ^2/NDF: 1381358.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -268.485+/-419.578 χ^2/NDF: 23.4/15

Left Out: -251.064+/-1205.580 χ^2/NDF:0.0/0

Right Out: -992.670+/-400.824 χ^2/NDF: 12.7/18

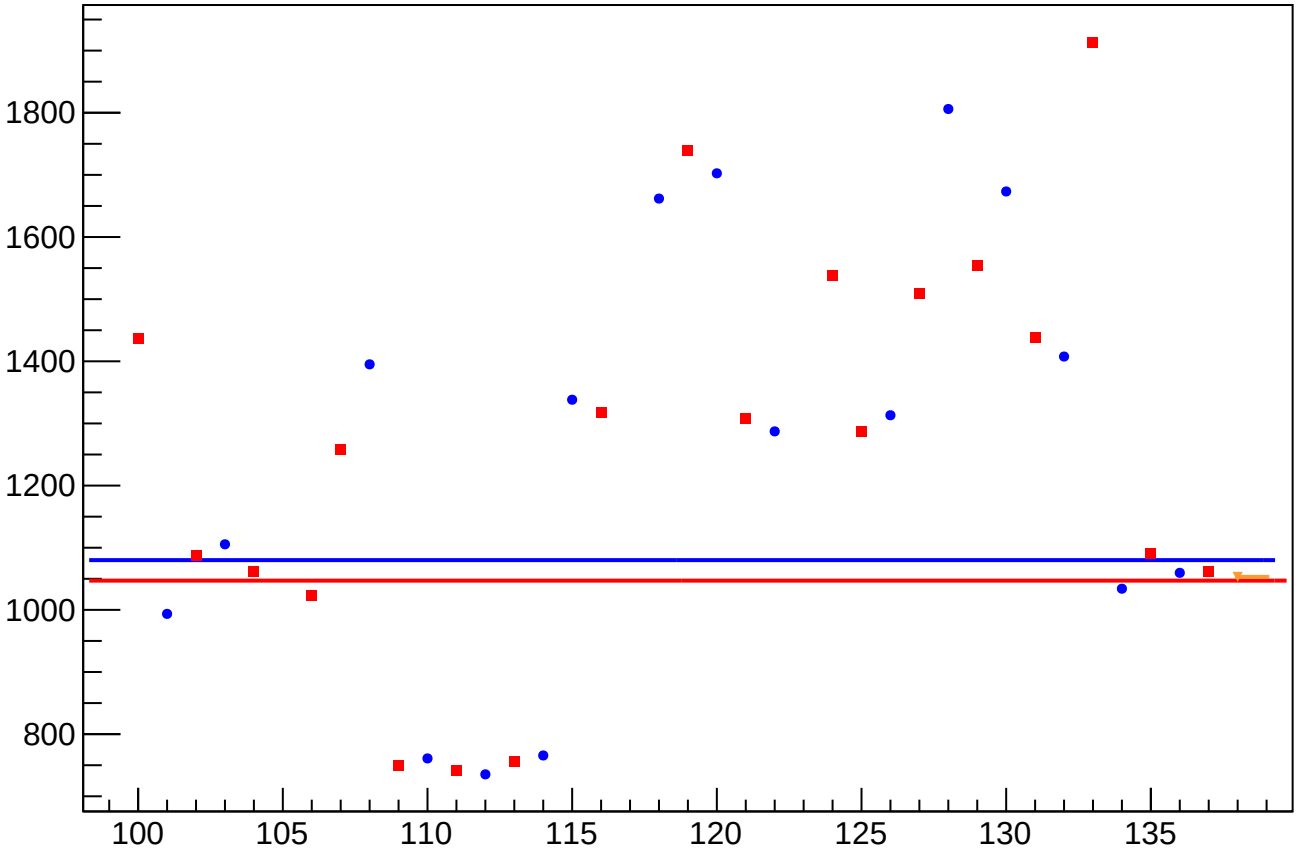
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -266.603+/-396.265 χ^2/NDF: 23.4/16

All: -625.483+/-281.800 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1080.045+/-0.297 χ^2/NDF: 1053468.5/15

Left Out: 1053.085+/-0.852 χ^2/NDF:0.0/0

Right Out: 1047.068+/-0.283 χ^2/NDF: 1198646.2/18

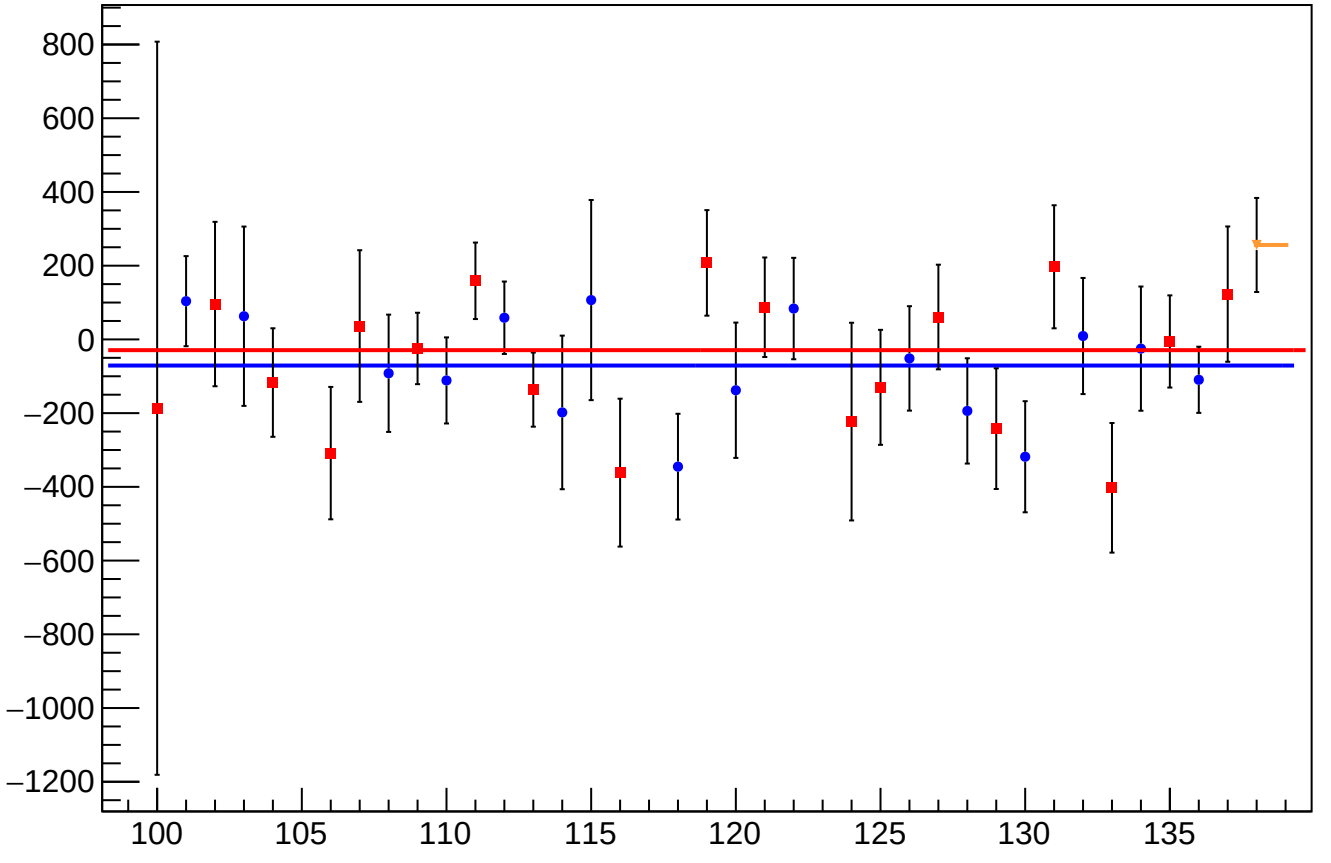
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1077.132+/-0.280 χ^2/NDF: 1054360.6/16

All: 1062.272+/-0.199 χ^2/NDF: 2258697.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



Right In: -70.903+/-35.122 χ^2/NDF: 14.1/15

Left Out: 256.158+/-127.619 χ^2/NDF:0.0/0

Right Out: -29.159+/-34.247 χ^2/NDF: 24.0/18

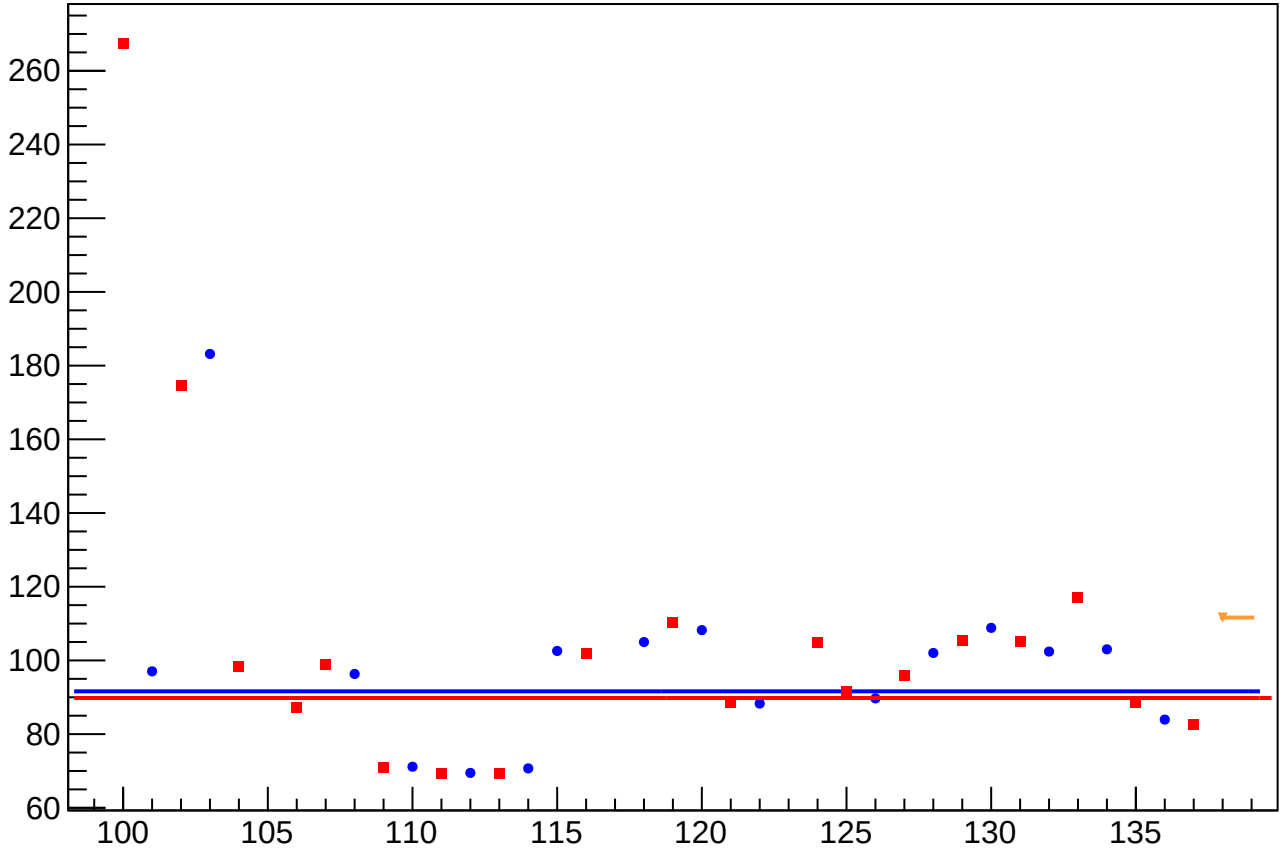
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -47.876+/-33.863 χ^2/NDF: 20.2/16

All: -38.623+/-24.079 χ^2/NDF: 44.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 91.608+/-0.025 χ^2/NDF: 580675.9/15

Left Out: 111.631+/-0.090 χ^2/NDF:0.0/0

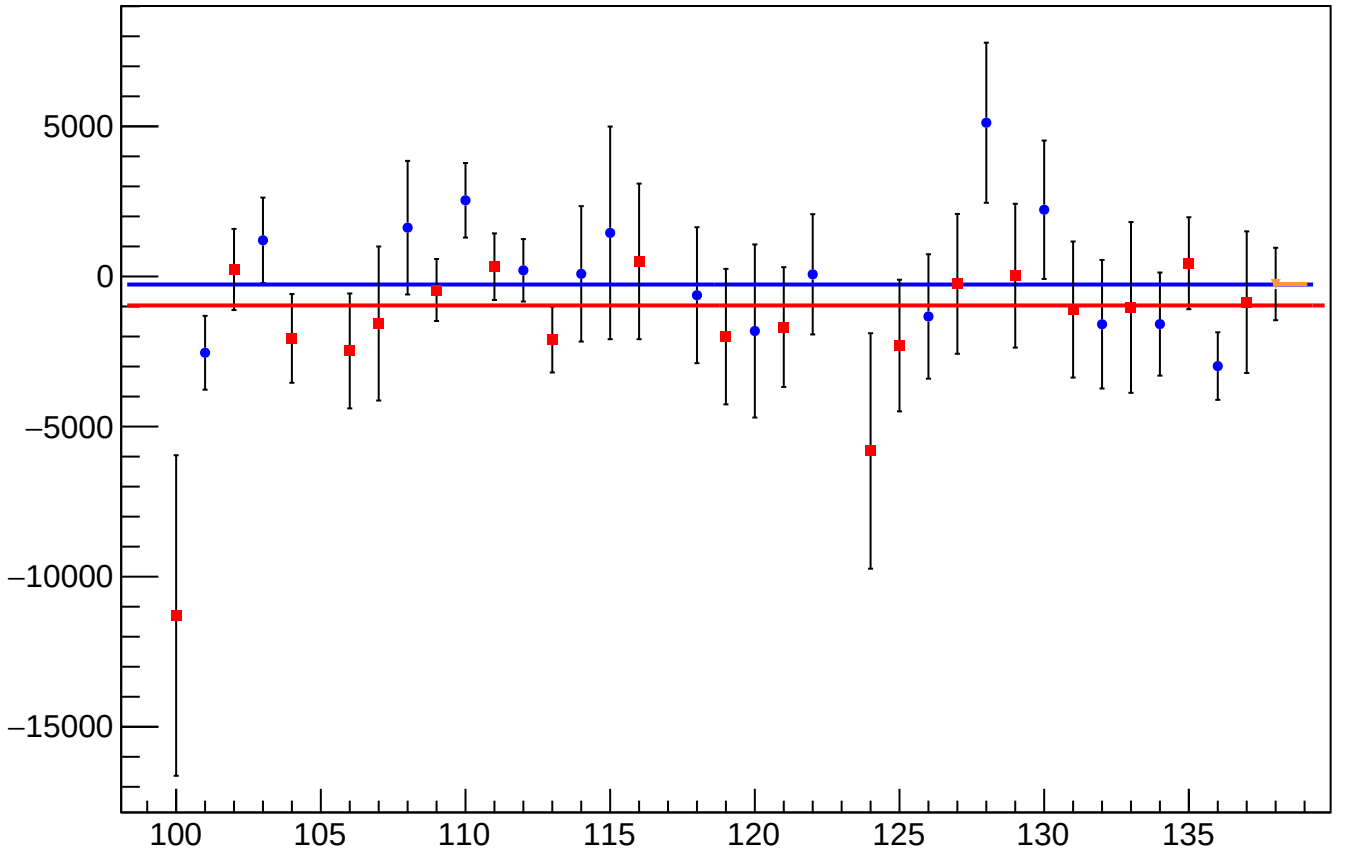
Right Out: 89.807+/-0.024 χ^2/NDF: 746833.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 93.018+/-0.024 χ^2/NDF: 626443.5/16

All: 91.431+/-0.017 χ^2/NDF: 1382165.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -268.506+/-419.581 χ^2/NDF: 23.4/15

Left Out: -251.069+/-1205.579 χ^2/NDF:0.0/0

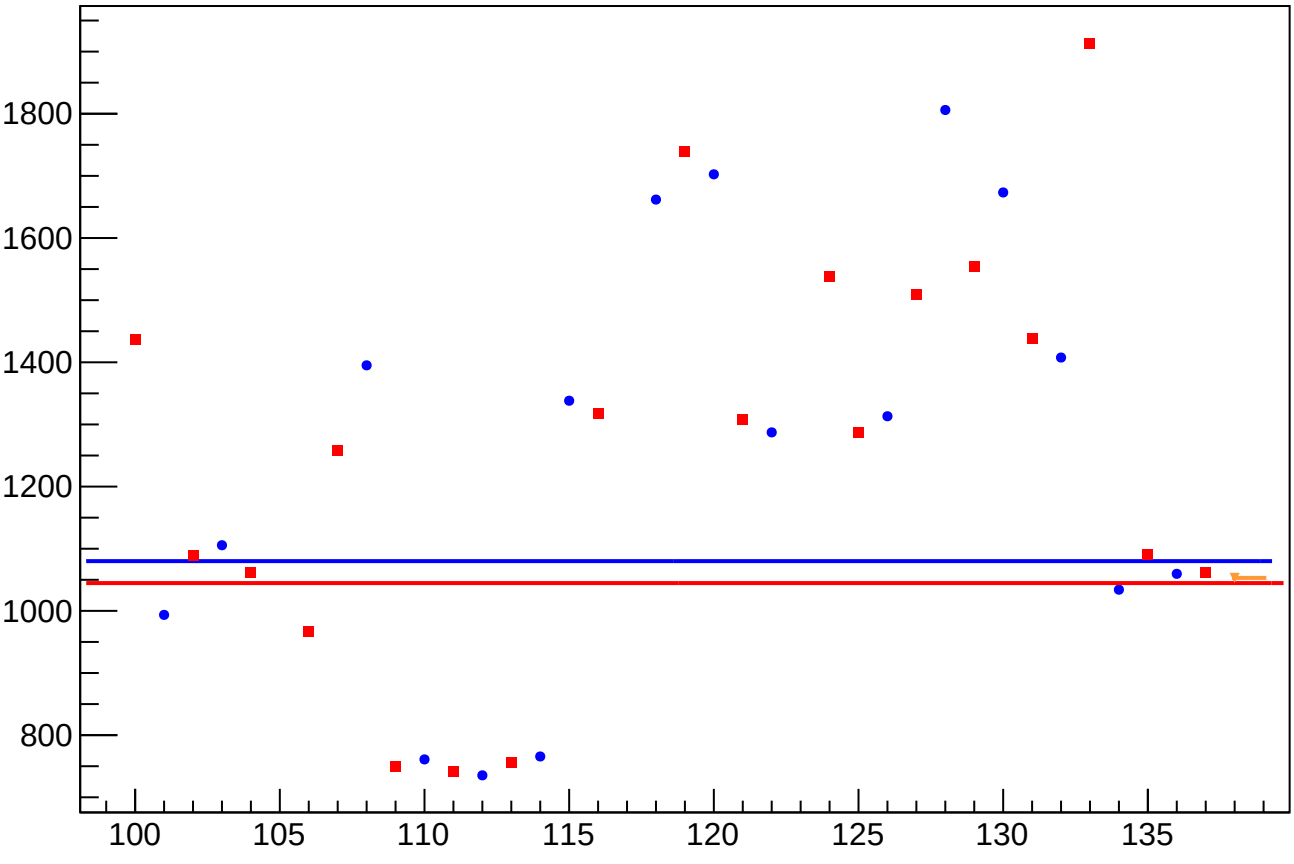
Right Out: -964.986+/-401.633 χ^2/NDF: 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -266.622+/-396.268 χ^2/NDF: 23.4/16

All: -611.108+/-282.081 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1080.054+/-0.297 χ^2/NDF: 1053475.0/15

Left Out: 1053.084+/-0.852 χ^2/NDF:0.0/0

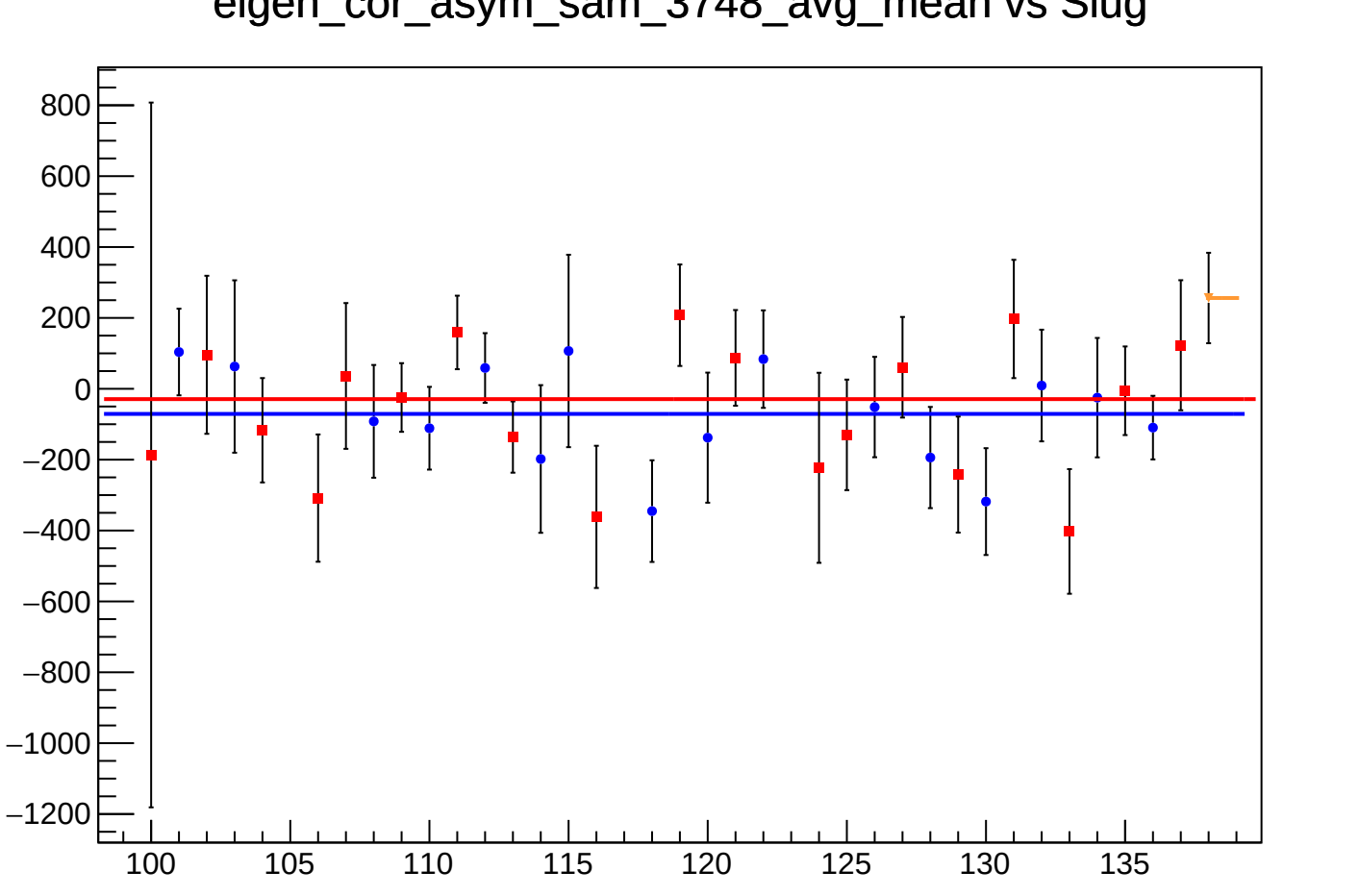
Right Out: 1044.717+/-0.284 χ^2/NDF: 1201825.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1077.140+/-0.280 χ^2/NDF: 1054367.7/16

All: 1061.146+/-0.199 χ^2/NDF: 2262798.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


eigen_cor_asym_sam_3748_avg_mean vs Slug
800
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−1200
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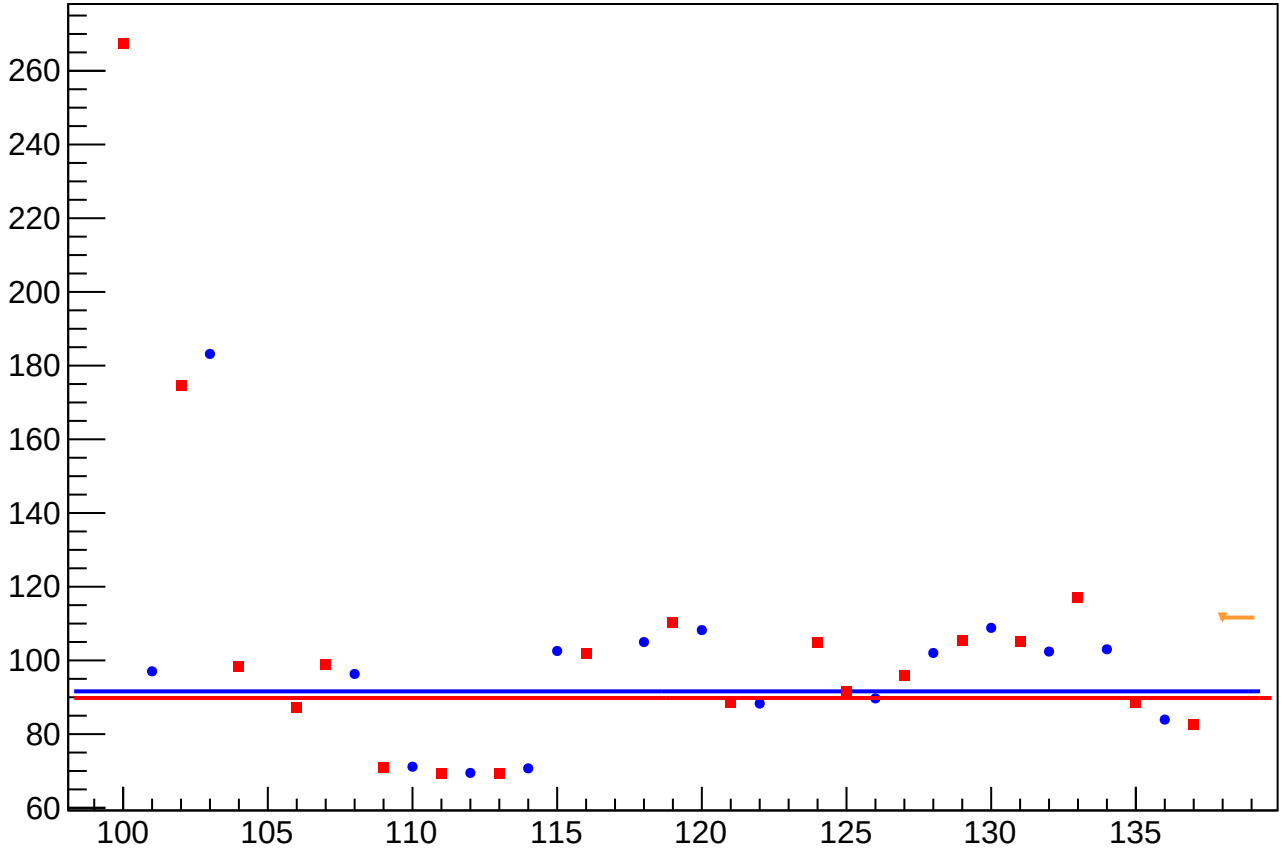
130
135
Right In: -70.903+/-35.122 χ²/NDF: 14.1/15
Left Out: 256.158+/-127.619 χ²/NDF:0.0/0
Right Out: -29.159+/-34.247 χ²/NDF: 24.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -47.876+/-33.863 χ²/NDF: 20.2/16
All: -38.623+/-24.079 χ²/NDF: 44.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 91.608+/-0.025 χ^2/NDF: 580675.9/15

Left Out: 111.631+/-0.090 χ^2/NDF:0.0/0

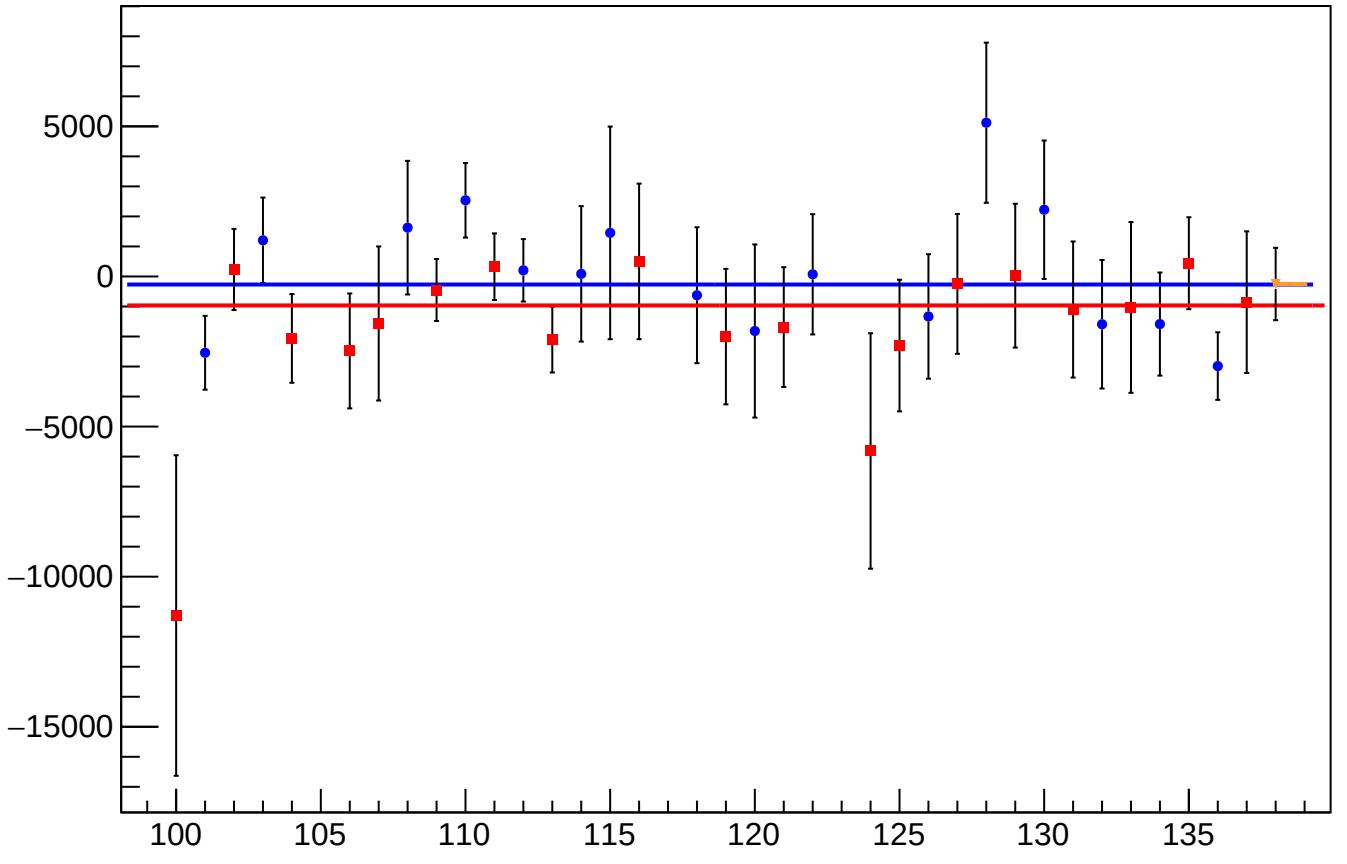
Right Out: 89.807+/-0.024 χ^2/NDF: 746833.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 93.018+/-0.024 χ^2/NDF: 626443.5/16

All: 91.431+/-0.017 χ^2/NDF: 1382165.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -268.506+/-419.581 χ^2/NDF: 23.4/15

Left Out: -251.069+/-1205.579 χ^2/NDF:0.0/0

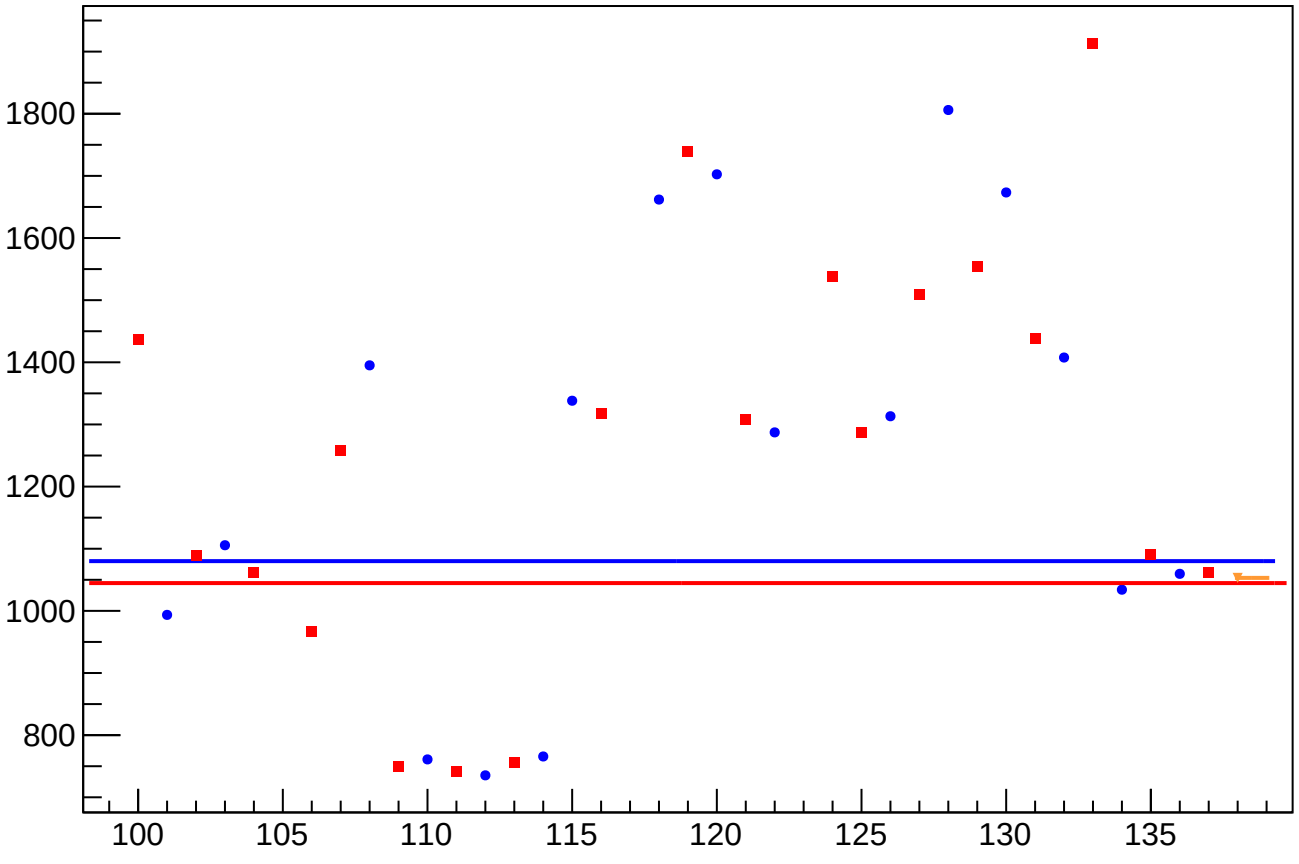
Right Out: -964.986+/-401.633 χ^2/NDF: 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -266.622+/-396.268 χ^2/NDF: 23.4/16

All: -611.108+/-282.081 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1080.054+/-0.297 χ^2/NDF: 1053475.0/15

Left Out: 1053.084+/-0.852 χ^2/NDF:0.0/0

Right Out: 1044.717+/-0.284 χ^2/NDF: 1201825.8/18

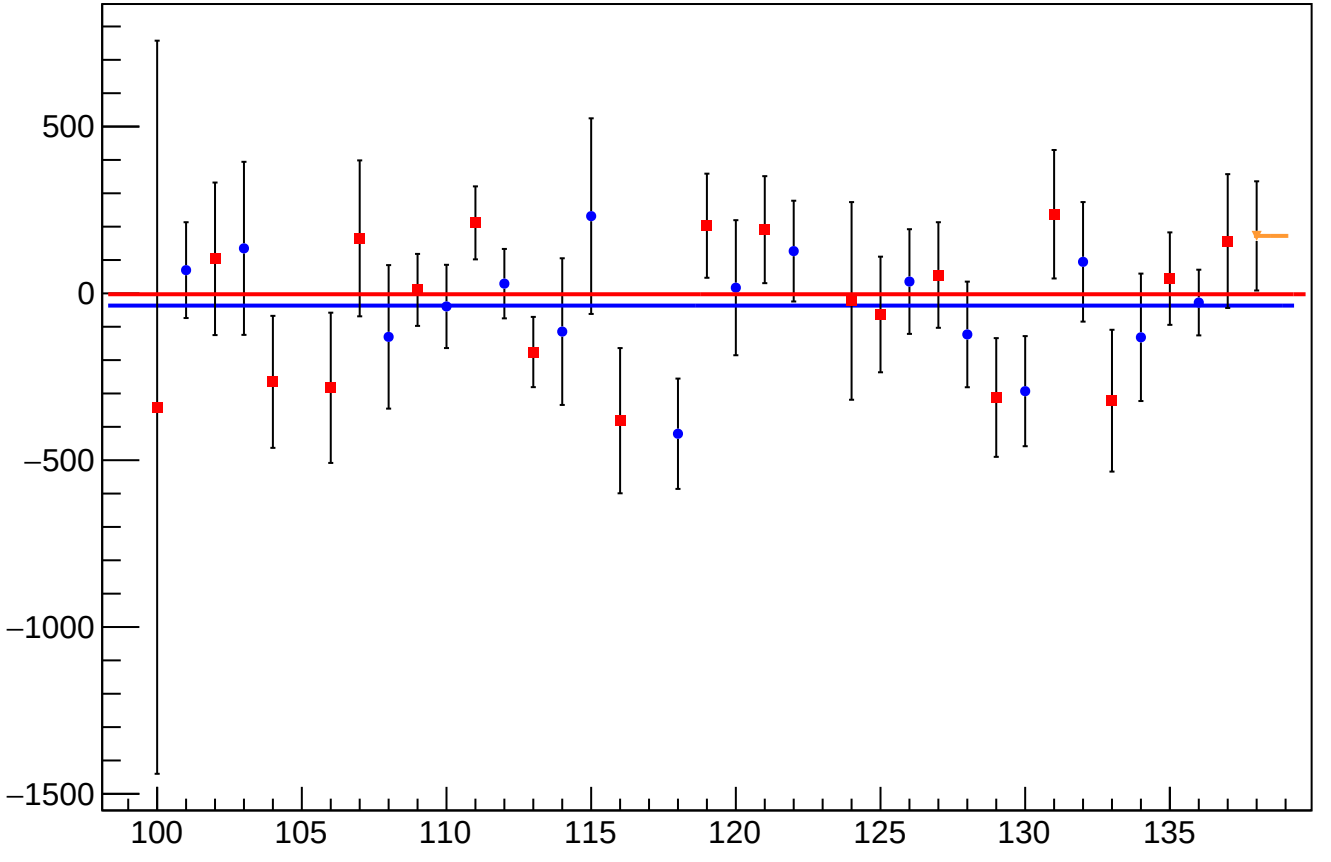
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1077.140+/-0.280 χ^2/NDF: 1054367.7/16

All: 1061.146+/-0.199 χ^2/NDF: 2262798.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: -36.590+/-38.991 χ^2/NDF: 12.9/15

Left Out: 172.311+/-163.664 χ^2/NDF:0.0/0

Right Out: -2.568+/-38.165 χ^2/NDF: 24.7/18

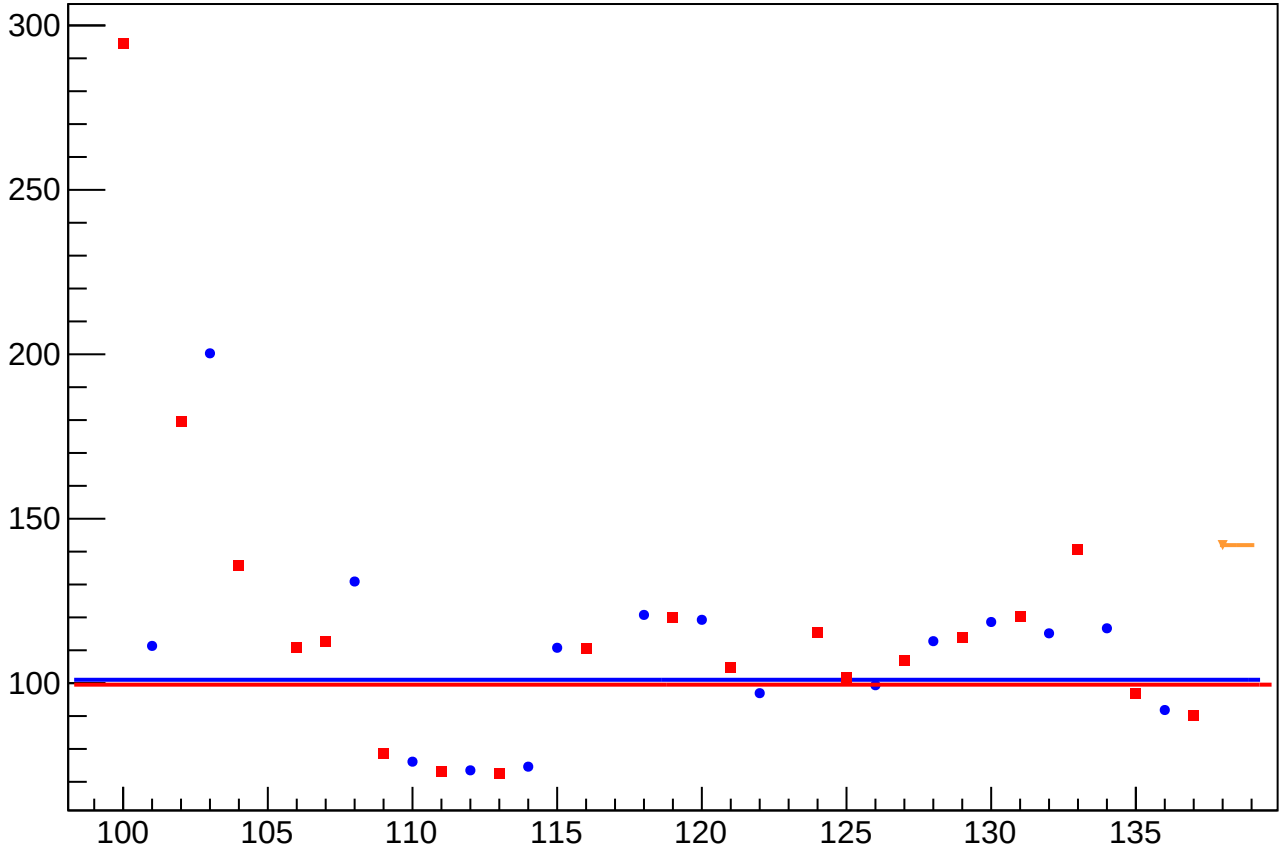
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -25.371+/-37.929 χ^2/NDF: 14.4/16

All: -14.040+/-26.903 χ^2/NDF: 39.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 101.031+/-0.028 χ^2/NDF: 716095.9/15

Left Out: 141.978+/-0.116 χ^2/NDF:0.0/0

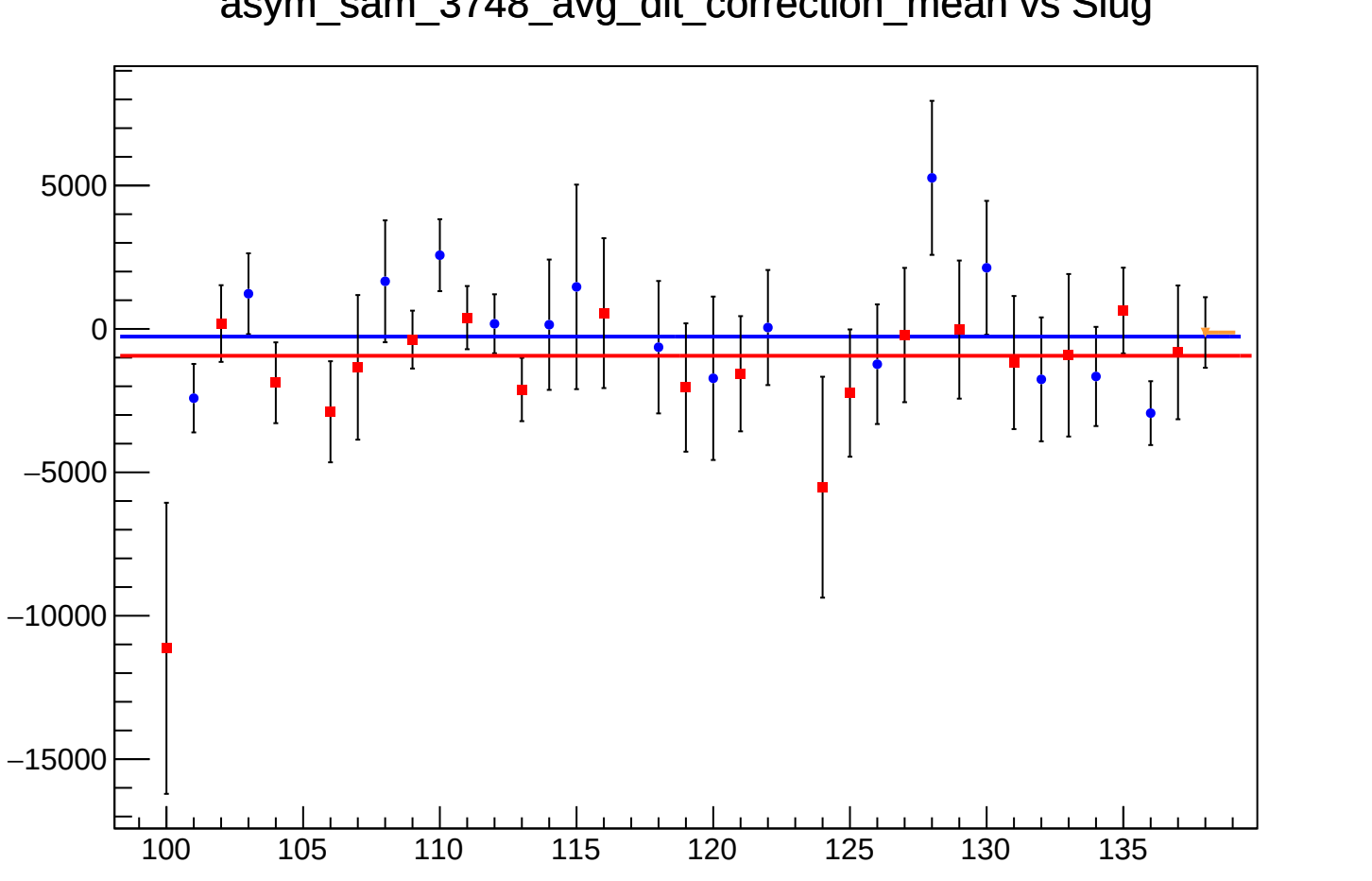
Right Out: 99.547+/-0.027 χ^2/NDF: 880497.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 103.230+/-0.027 χ^2/NDF: 834557.8/16

All: 101.400+/-0.019 χ^2/NDF: 1724427.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -267.886+/-417.061 χ^2/NDF: 23.5/15

Left Out: -123.630+/-1229.758 χ^2/NDF:0.0/0

Right Out: -936.734+/-396.234 χ^2/NDF: 13.1/18

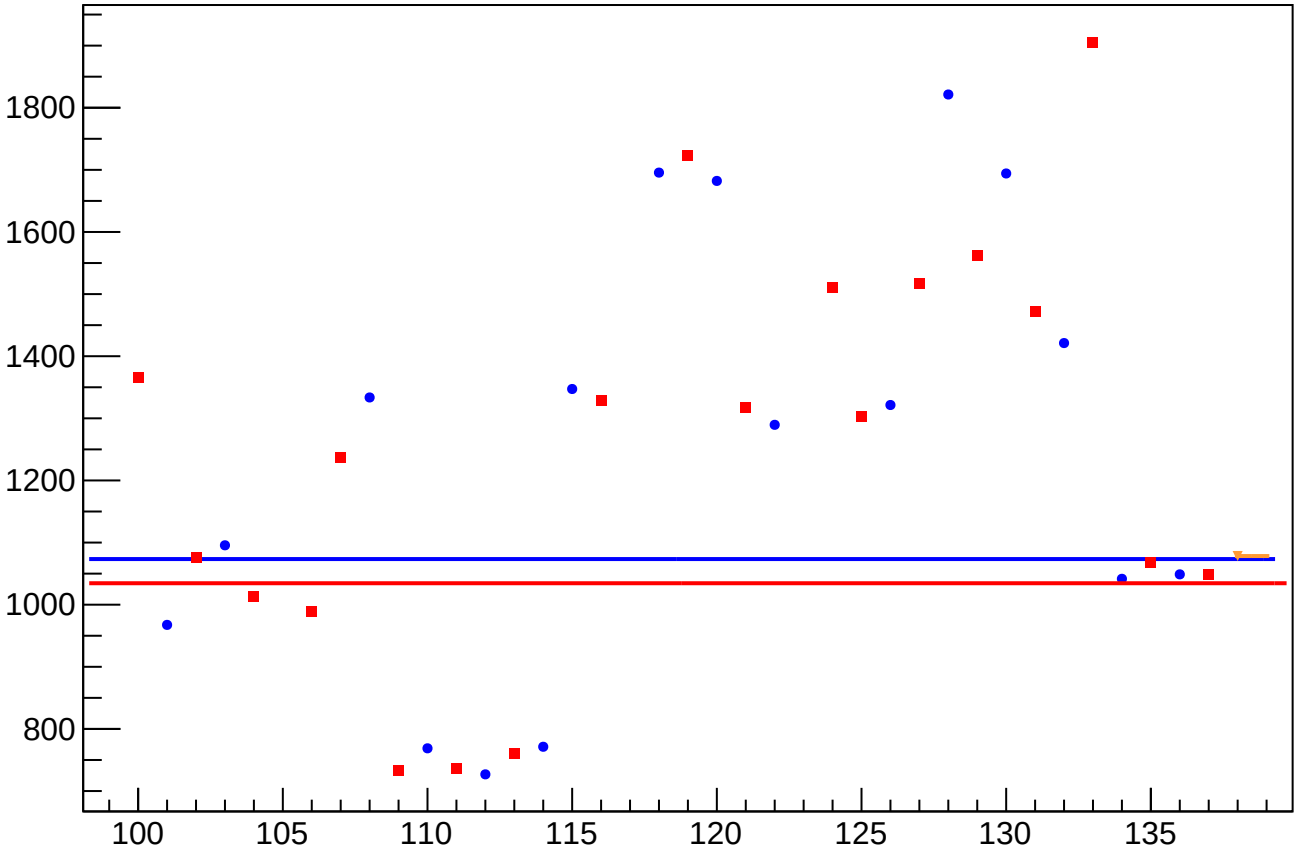
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -253.006+/-394.966 χ^2/NDF: 23.5/16

All: -593.773+/-279.730 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1073.456+/-0.295 χ^2/NDF: 1077055.9/15

Left Out: 1078.308+/-0.870 χ^2/NDF:0.0/0

Right Out: 1034.535+/-0.280 χ^2/NDF: 1229344.1/18

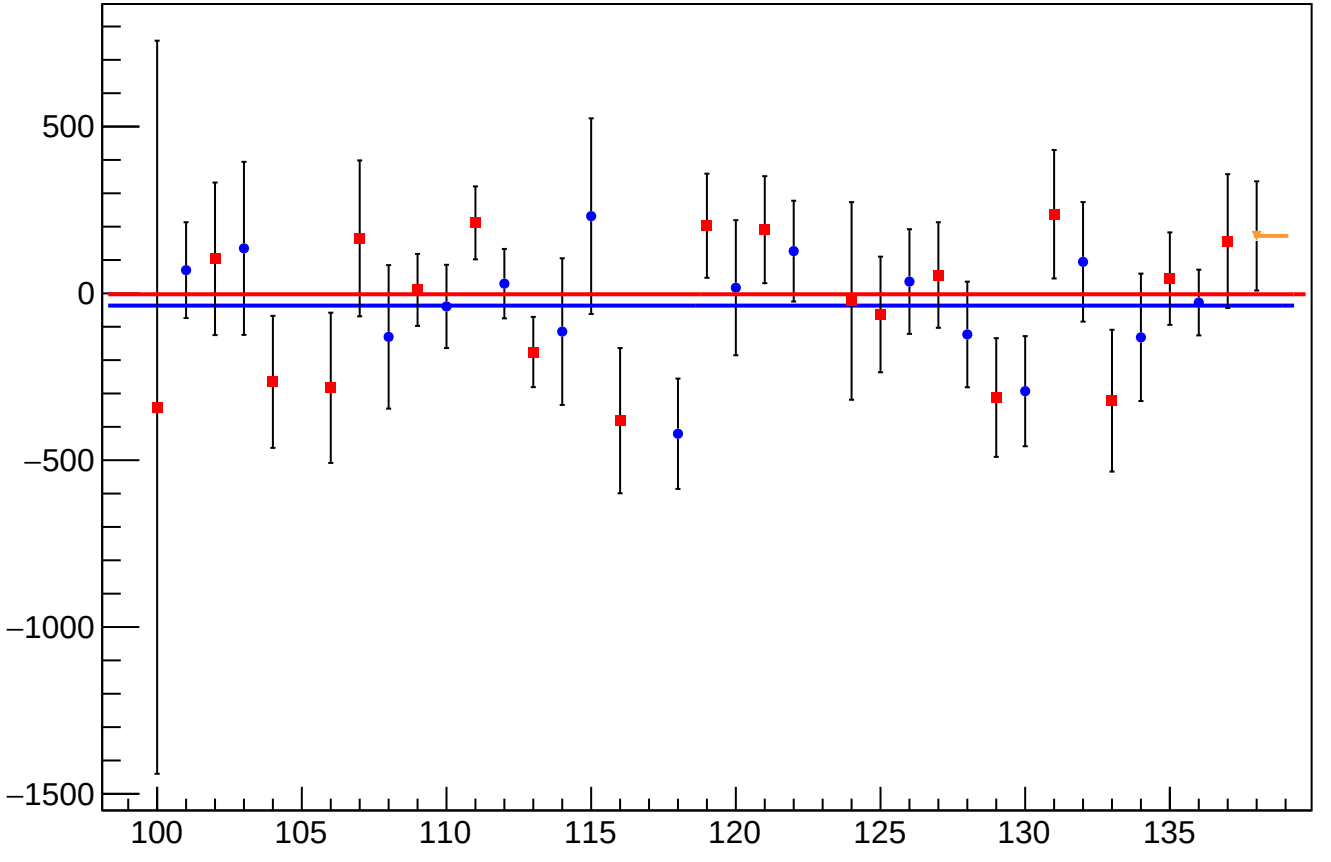
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1073.956+/-0.279 χ^2/NDF: 1077083.8/16

All: 1054.309+/-0.198 χ^2/NDF: 2316357.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: -36.589+/-38.991 χ^2/NDF: 12.9/15

Left Out: 172.305+/-163.664 χ^2/NDF:0.0/0

Right Out: -2.566+/-38.165 χ^2/NDF: 24.7/18

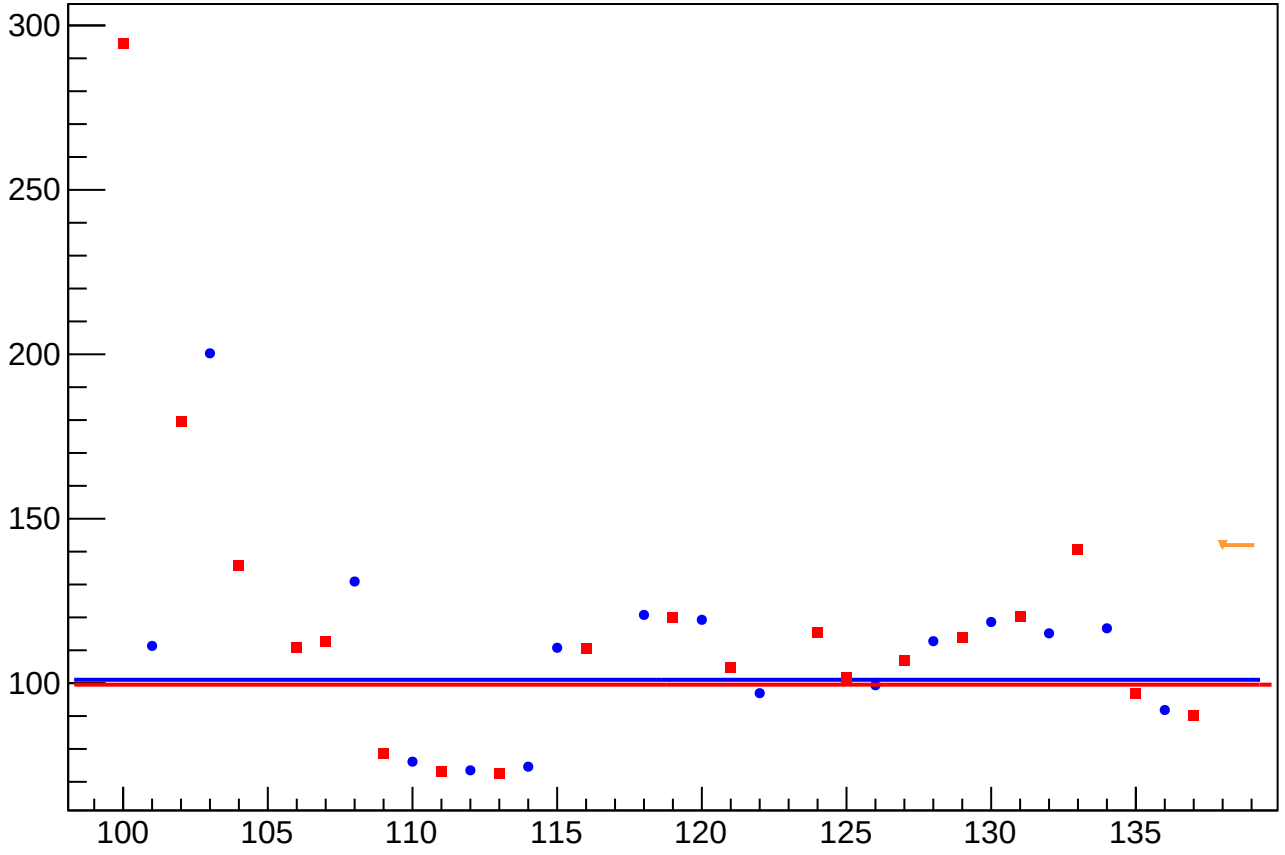
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -25.370+/-37.929 χ^2/NDF: 14.4/16

All: -14.038+/-26.903 χ^2/NDF: 39.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 101.031+/-0.028 χ^2/NDF: 716094.5/15

Left Out: 141.977+/-0.116 χ^2/NDF:0.0/0

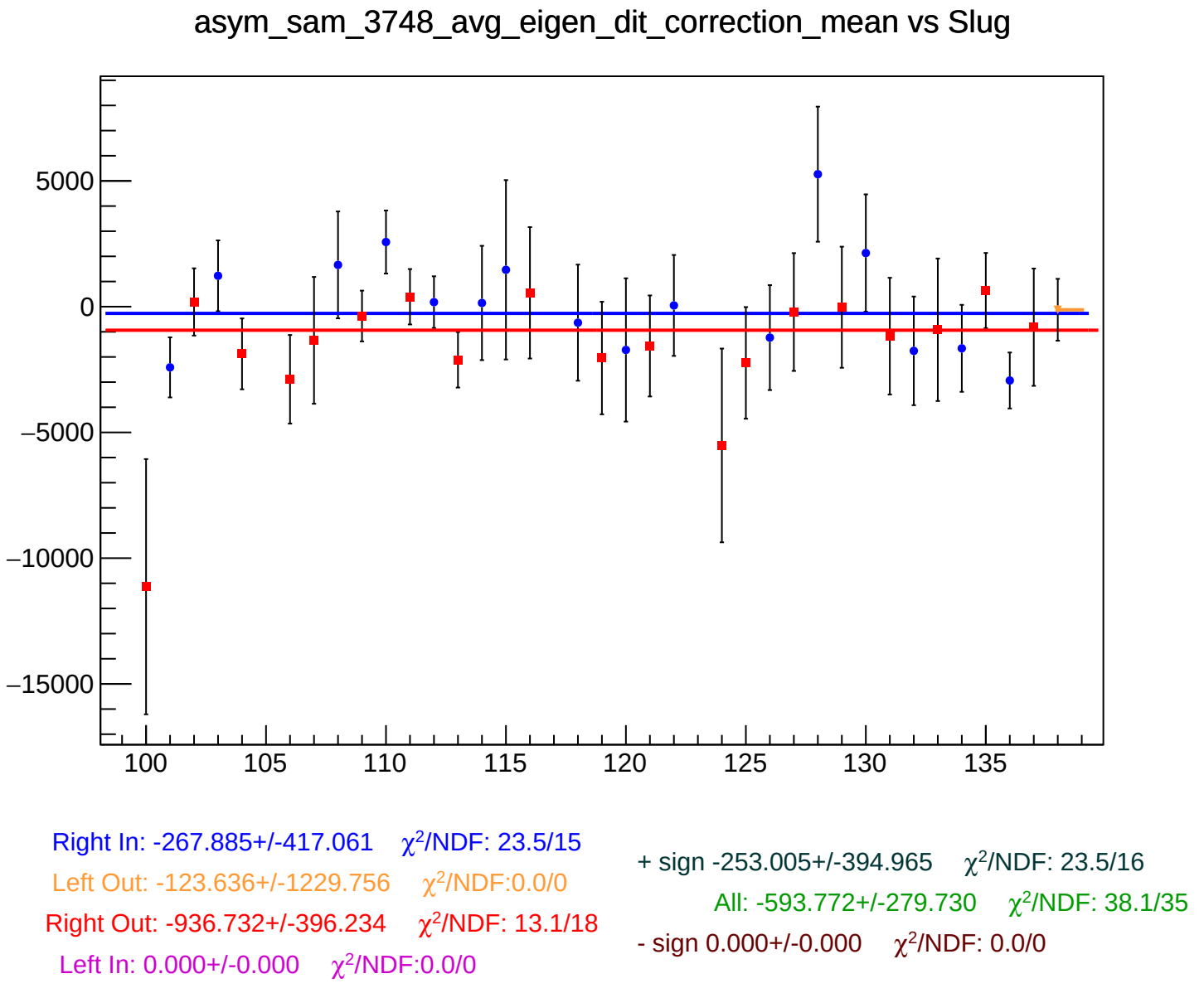
Right Out: 99.547+/-0.027 χ^2/NDF: 880499.8/18

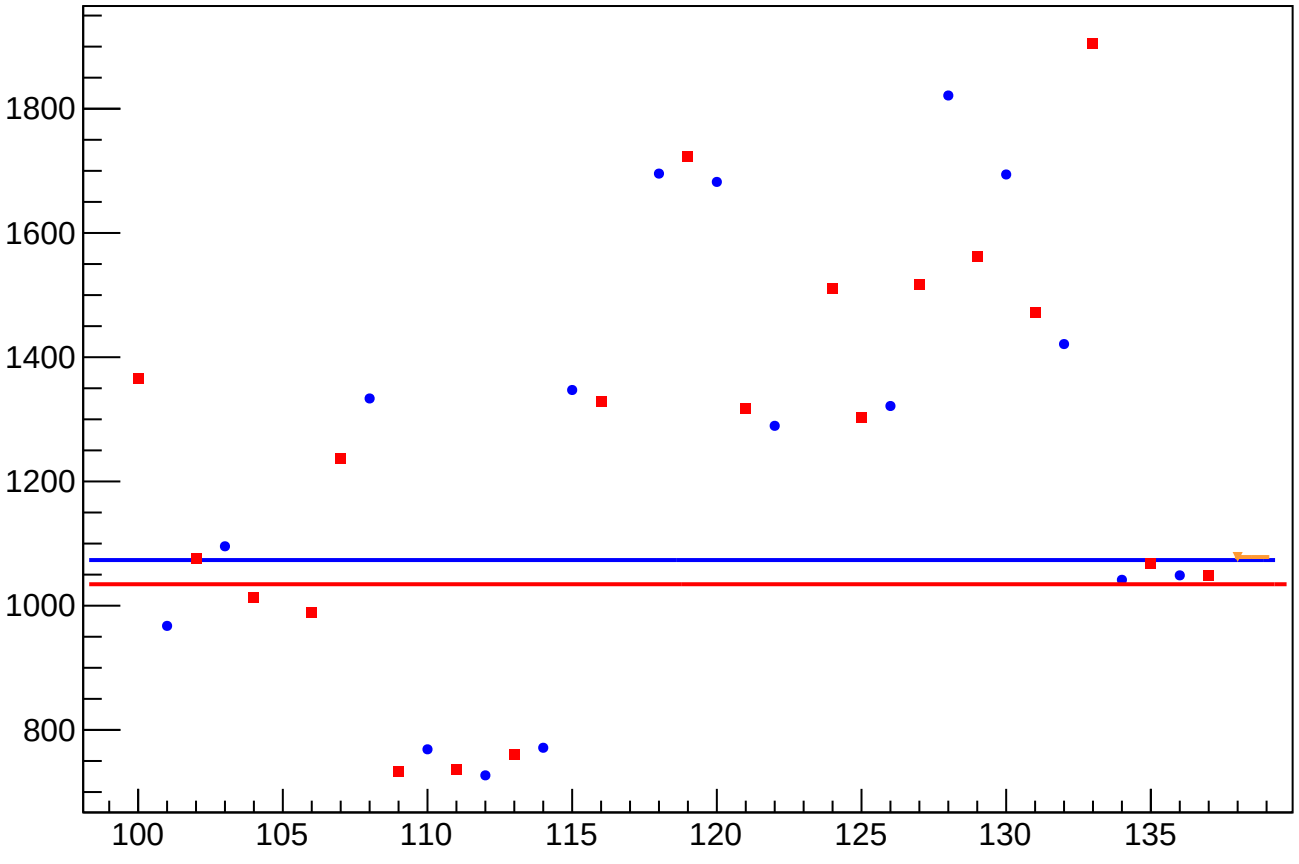
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 103.230+/-0.027 χ^2/NDF: 834554.4/16

All: 101.400+/-0.019 χ^2/NDF: 1724425.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_3748_avg_eigen_dit_correction_mean vs Slug
5000
0
−5000
−10000
−15000
100
105
110
115
120
125
130
135
Right In: -267.885+/-417.061 χ²/NDF: 23.5/15
Left Out: -123.636+/-1229.756 χ²/NDF:0.0/0
Right Out: -936.732+/-396.234 χ²/NDF: 13.1/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -253.005+/-394.965 χ²/NDF: 23.5/16
All: -593.772+/-279.730 χ²/NDF: 38.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 1073.454+/-0.295 χ^2/NDF: 1077061.8/15

Left Out: 1078.306+/-0.870 χ^2/NDF:0.0/0

Right Out: 1034.533+/-0.280 χ^2/NDF: 1229346.7/18

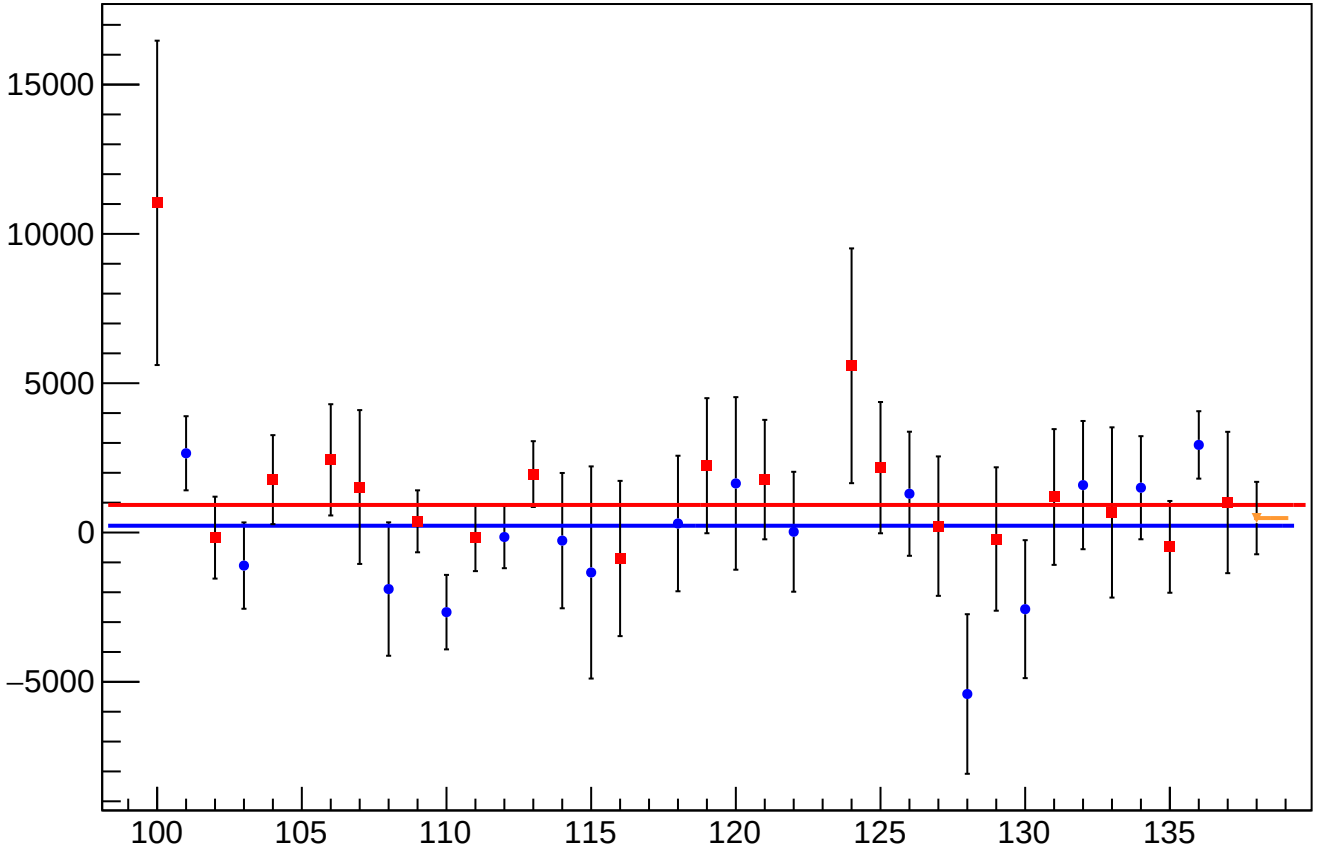
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1073.954+/-0.279 χ^2/NDF: 1077089.7/16

All: 1054.307+/-0.198 χ^2/NDF: 2316366.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug



Right In: 227.502+/-421.838 χ^2/NDF: 24.4/15

Left Out: 484.395+/-1212.488 χ^2/NDF:0.0/0

Right Out: 923.649+/-403.102 χ^2/NDF: 11.2/18

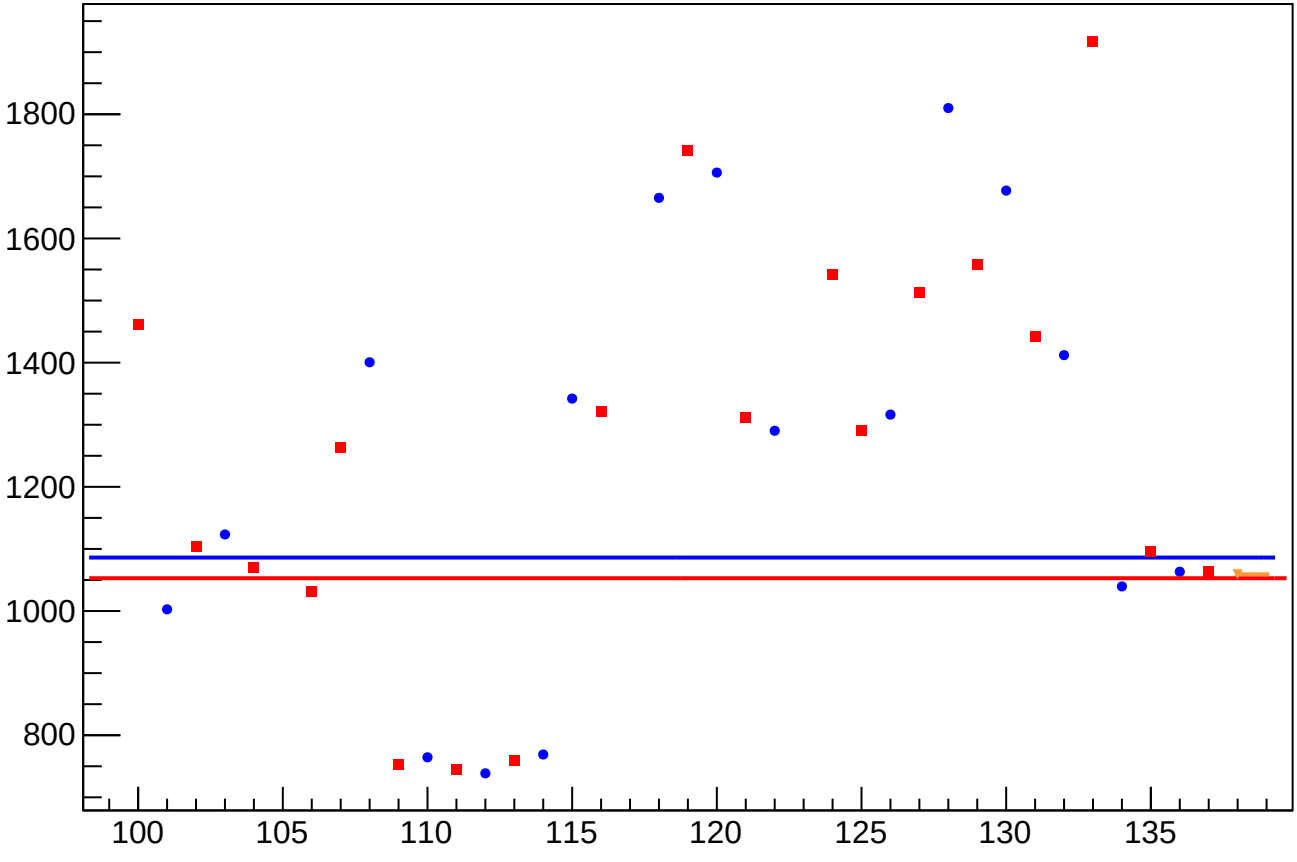
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 255.240+/-398.414 χ^2/NDF: 24.5/16

All: 585.535+/-283.364 χ^2/NDF: 37.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1086.137+/-0.298 χ^2/NDF: 1047479.6/15

Left Out: 1059.177+/-0.857 χ^2/NDF:0.0/0

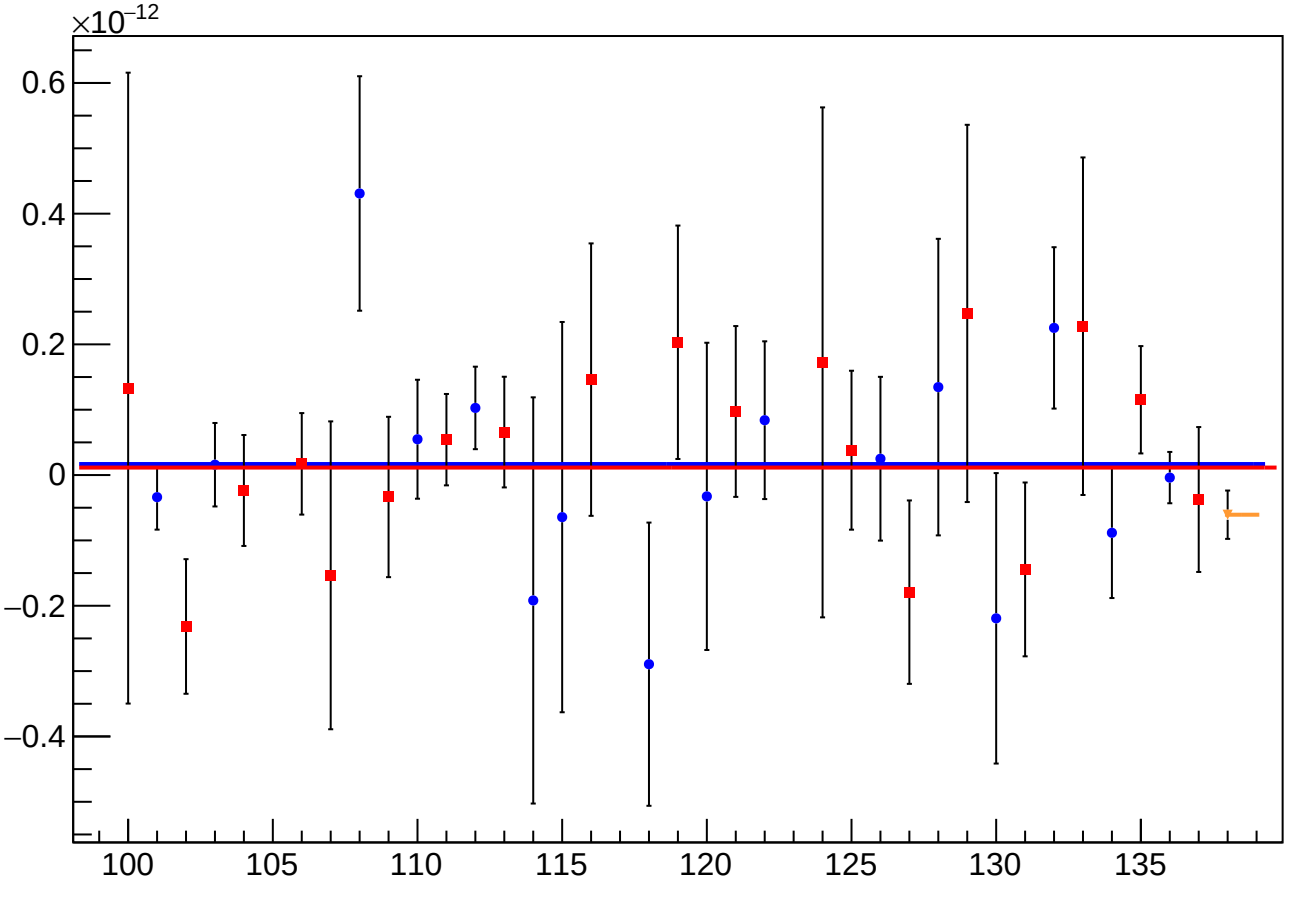
Right Out: 1052.831+/-0.285 χ^2/NDF: 1194420.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1083.226+/-0.282 χ^2/NDF: 1048361.7/16

All: 1068.206+/-0.200 χ^2/NDF: 2248534.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 16.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

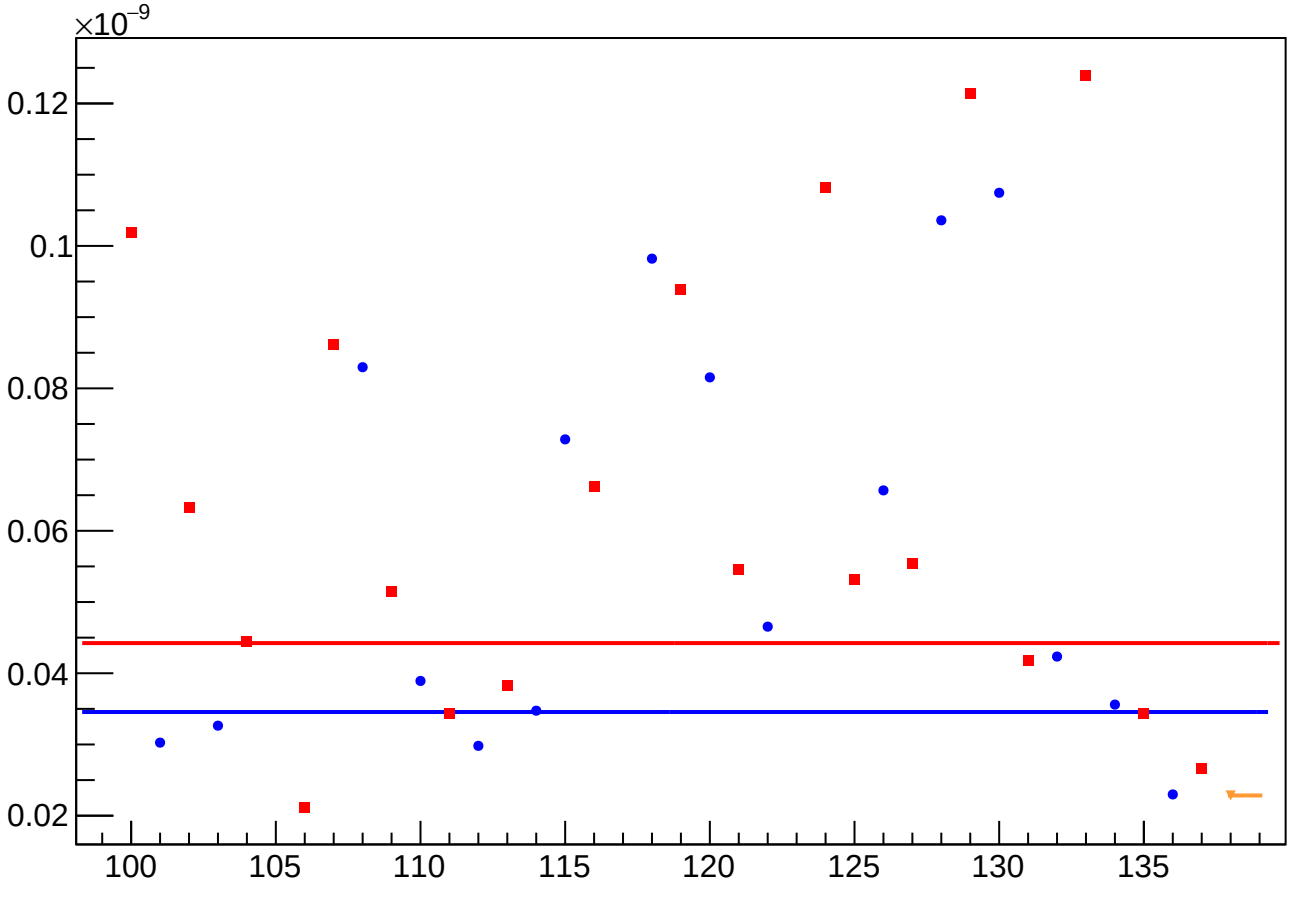
Right Out: 0.000+/-0.000 χ^2/NDF: 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 20.2/16

All: 0.000+/-0.000 χ^2/NDF: 36.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1188815.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1073061.4/18

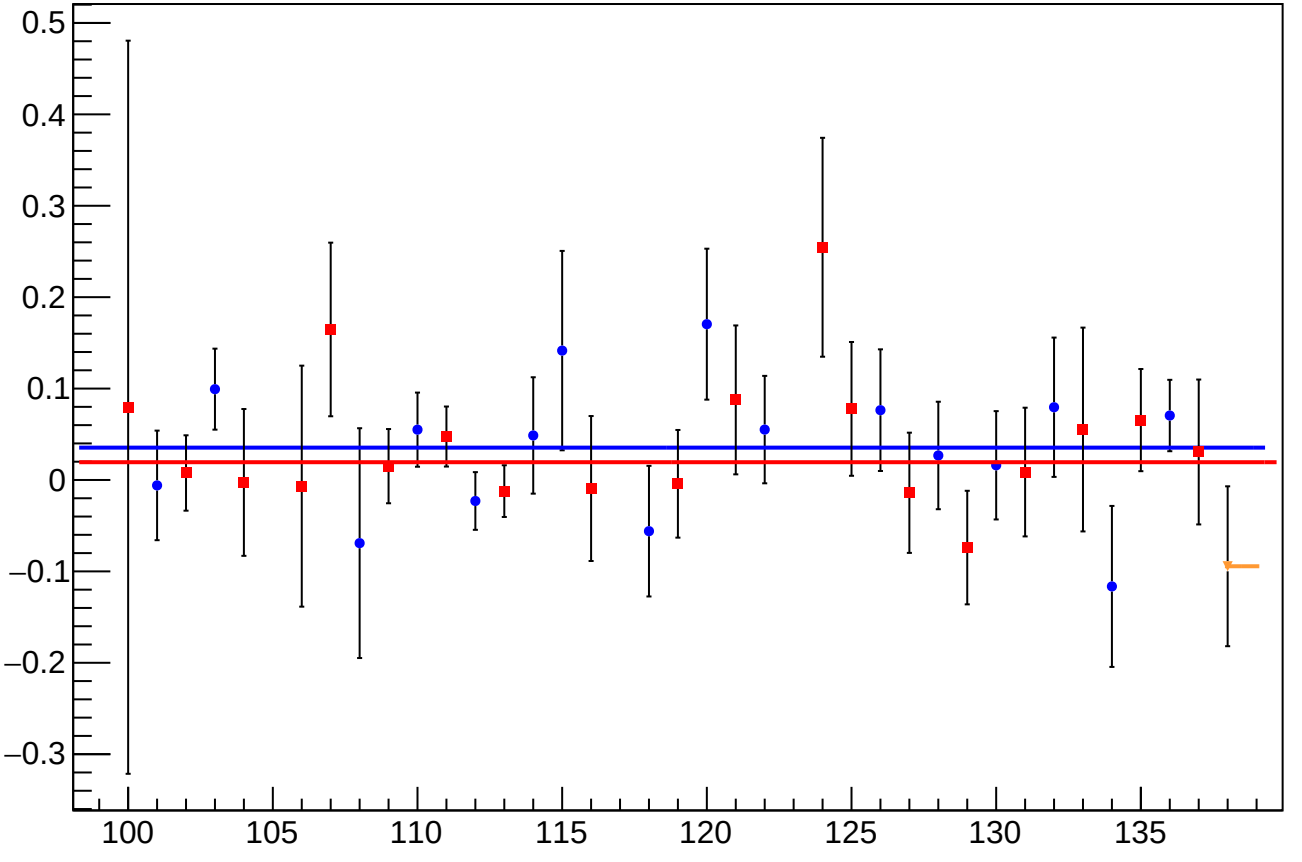
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1337700.5/16

All: 0.000+/-0.000 χ^2/NDF: 2710522.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.035+/-0.014 χ^2/NDF: 16.9/15

Left Out: -0.094+/-0.087 χ^2/NDF:0.0/0

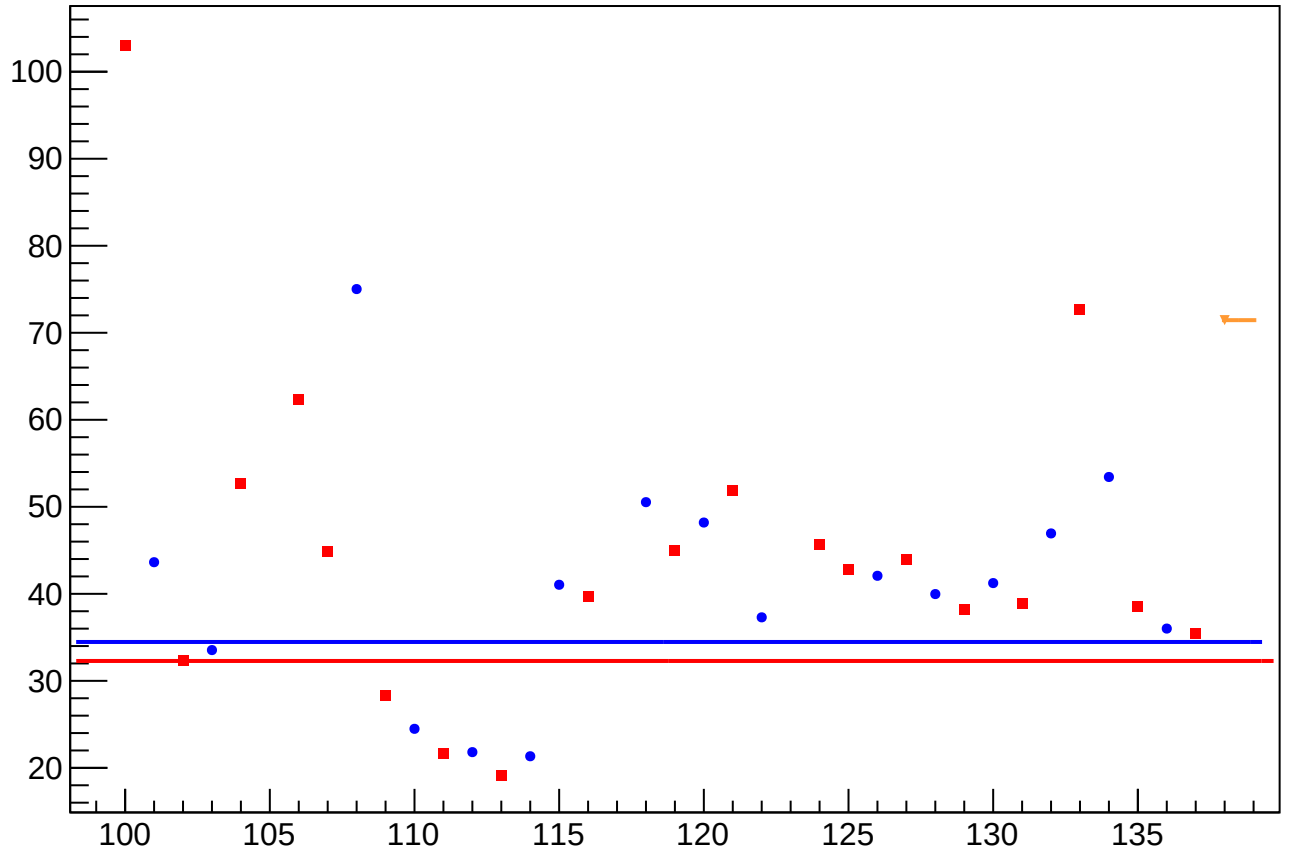
Right Out: 0.019+/-0.013 χ^2/NDF: 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.032+/-0.014 χ^2/NDF: 19.1/16

All: 0.026+/-0.009 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.468+/-0.010 χ^2/NDF: 1171203.3/15

Left Out: 71.451+/-0.062 χ^2/NDF:0.0/0

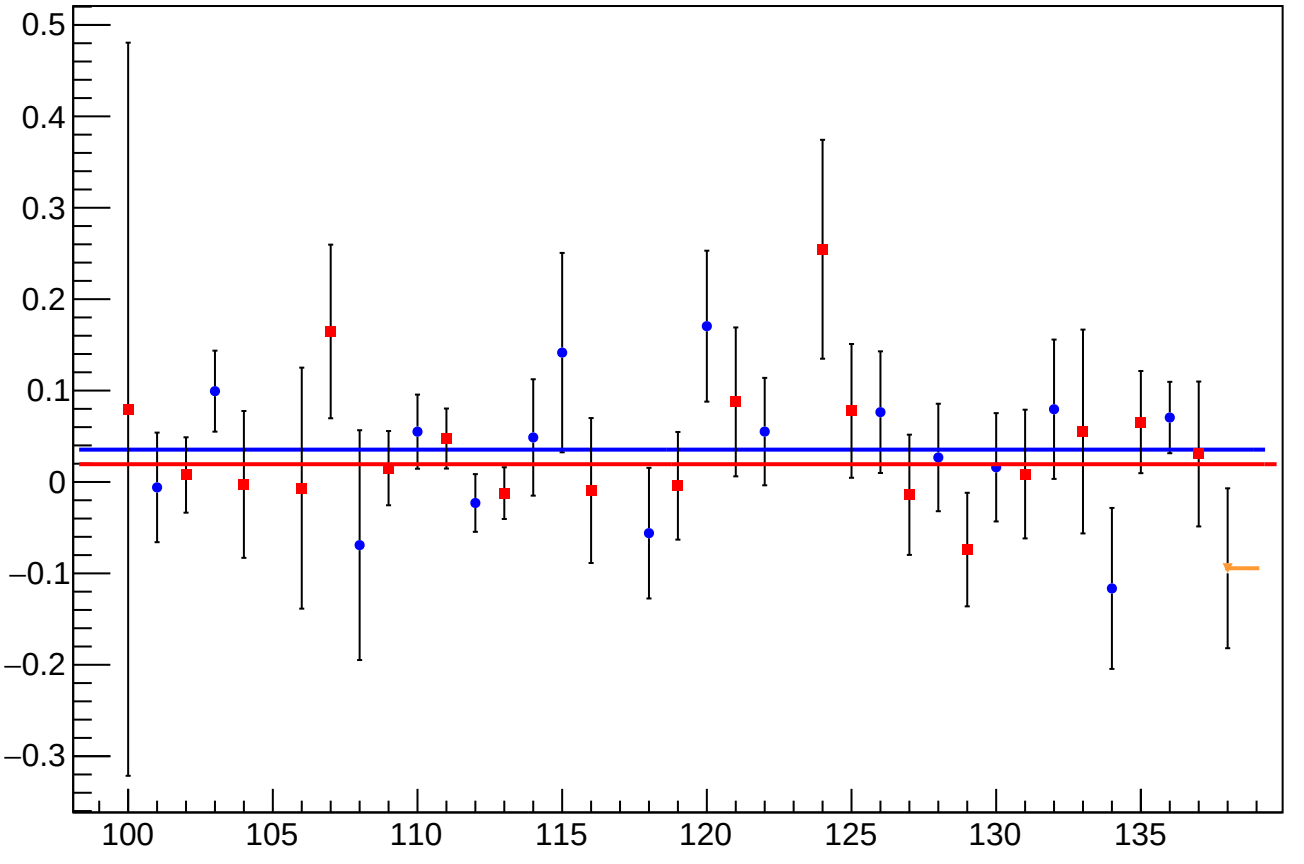
Right Out: 32.285+/-0.009 χ^2/NDF: 1672637.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.378+/-0.010 χ^2/NDF: 1519982.9/16

All: 33.763+/-0.007 χ^2/NDF: 3245708.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.035+/-0.014 χ^2/NDF: 16.9/15

Left Out: -0.094+/-0.087 χ^2/NDF:0.0/0

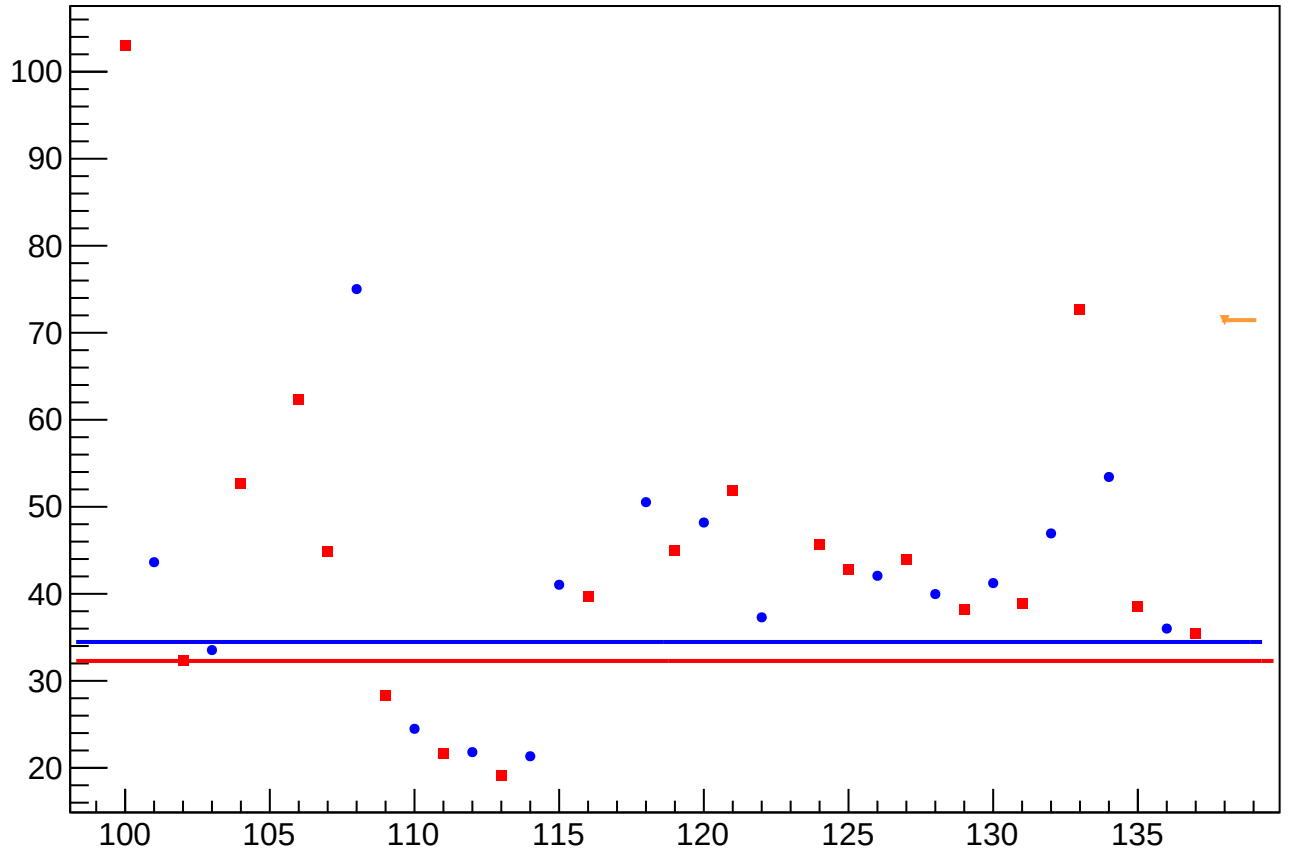
Right Out: 0.019+/-0.013 χ^2/NDF: 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.032+/-0.014 χ^2/NDF: 19.1/16

All: 0.026+/-0.009 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.468+/-0.010 χ^2/NDF: 1171203.3/15

Left Out: 71.451+/-0.062 χ^2/NDF:0.0/0

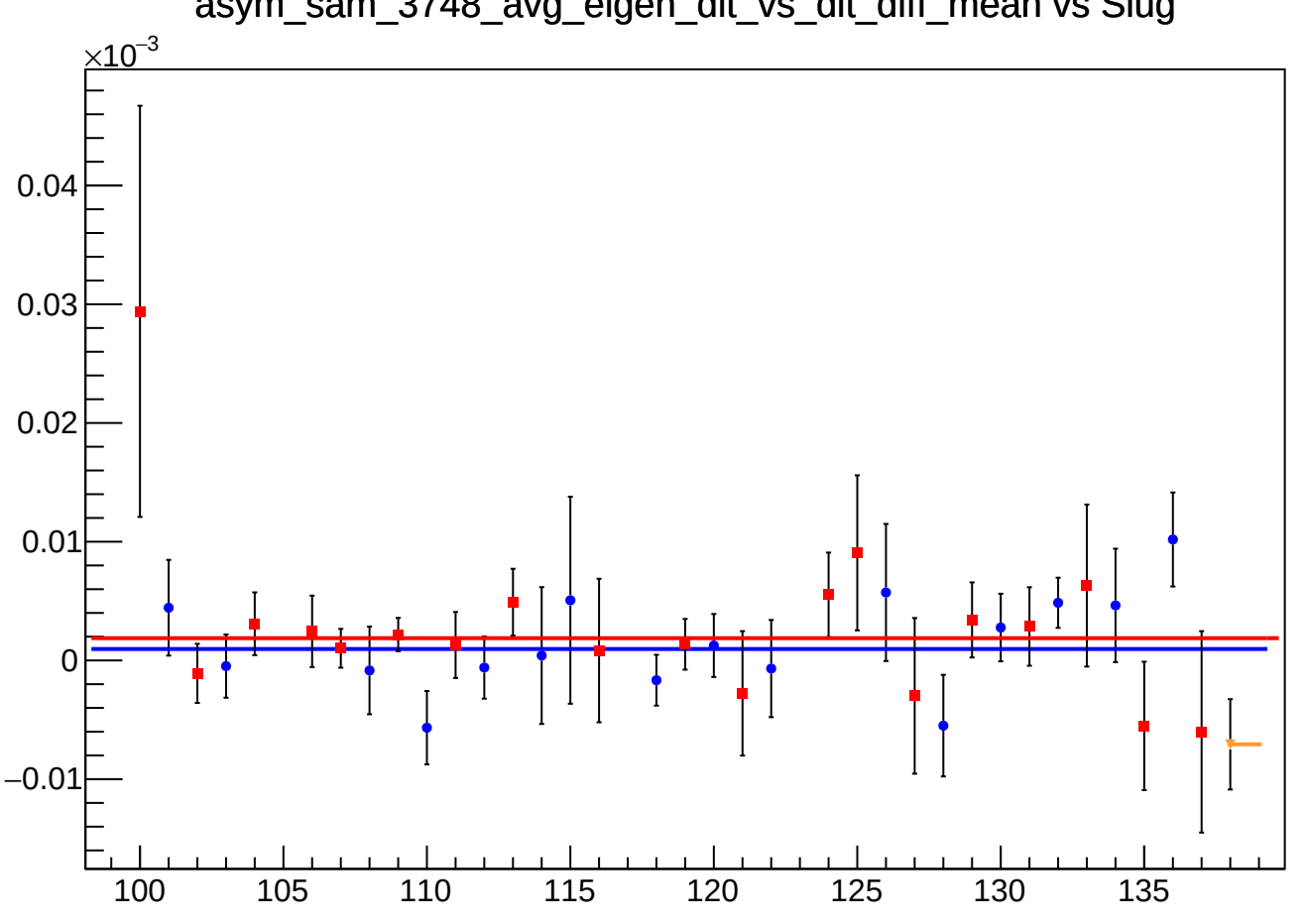
Right Out: 32.285+/-0.009 χ^2/NDF: 1672637.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.378+/-0.010 χ^2/NDF: 1519982.9/16

All: 33.763+/-0.007 χ^2/NDF: 3245708.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 20.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

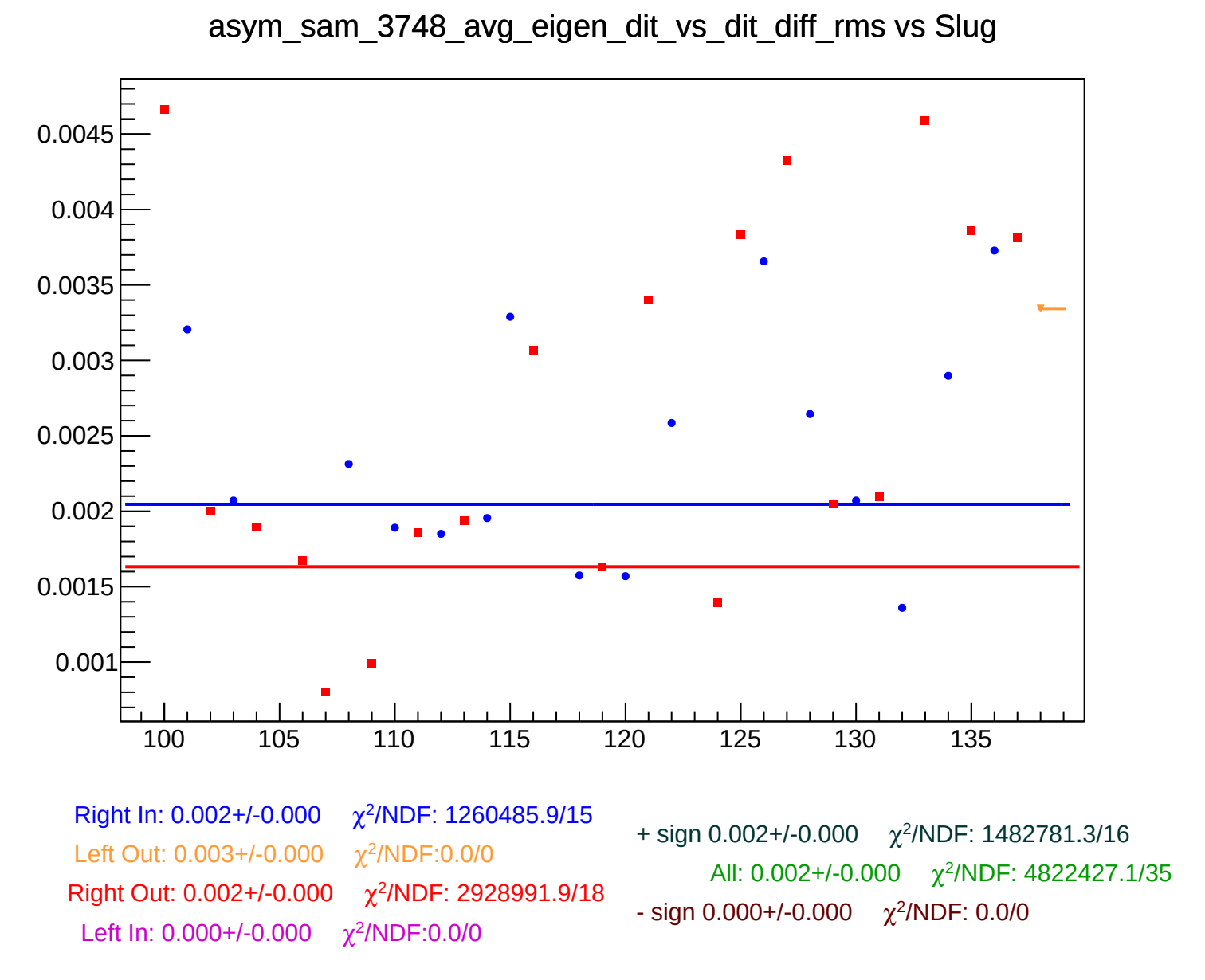
Right Out: 0.000+/-0.000 χ^2/NDF: 12.9/18

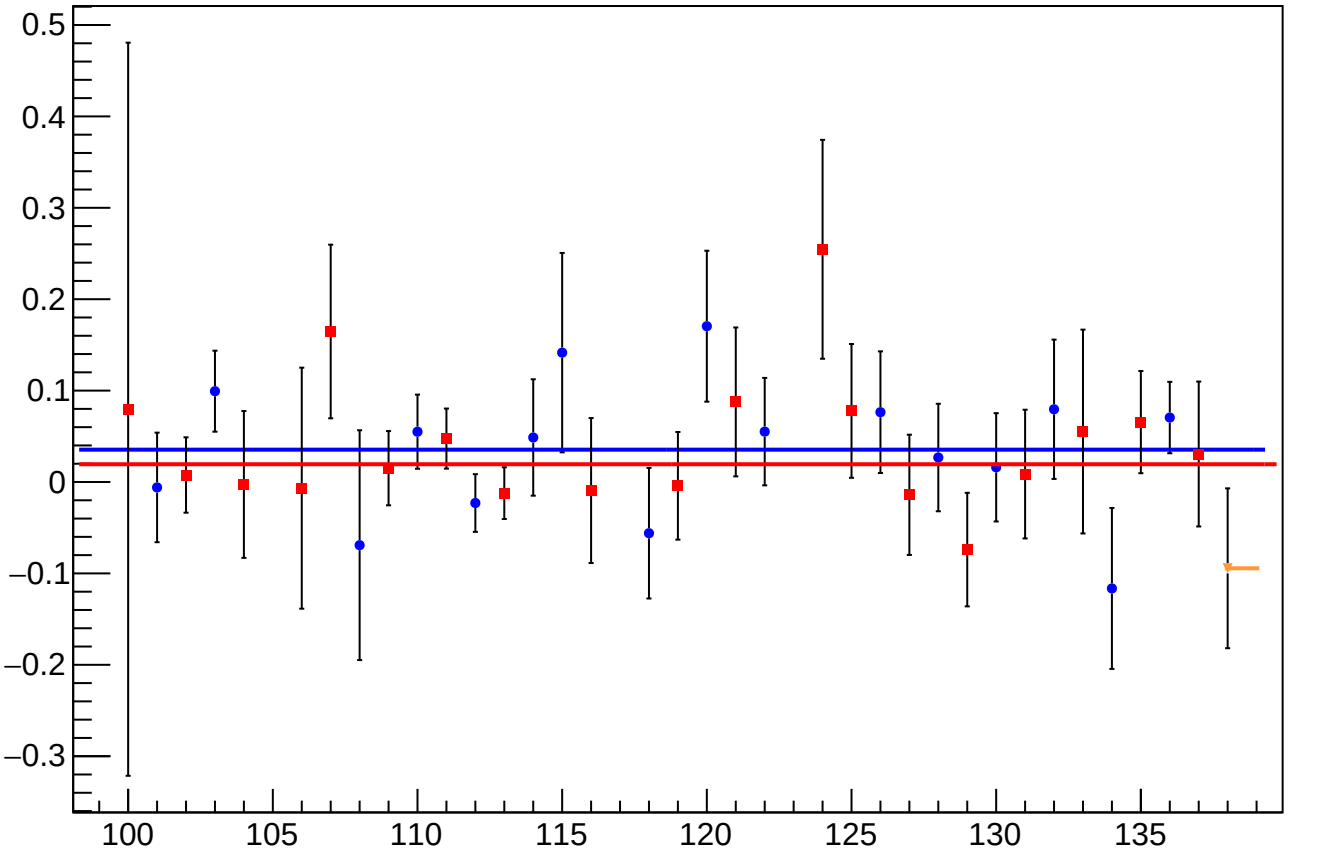
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 25.2/16

All: 0.000+/-0.000 χ^2/NDF: 39.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
100
105
110
115
120
125
130
135
Right In: 0.002+/-0.000 χ²/NDF: 1260485.9/15
Left Out: 0.003+/-0.000 χ²/NDF:0.0/0
Right Out: 0.002+/-0.000 χ²/NDF: 2928991.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.002+/-0.000 χ²/NDF: 1482781.3/16
All: 0.002+/-0.000 χ²/NDF: 4822427.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.035+/-0.014 χ^2/NDF: 16.9/15

Left Out: -0.094+/-0.087 χ^2/NDF:0.0/0

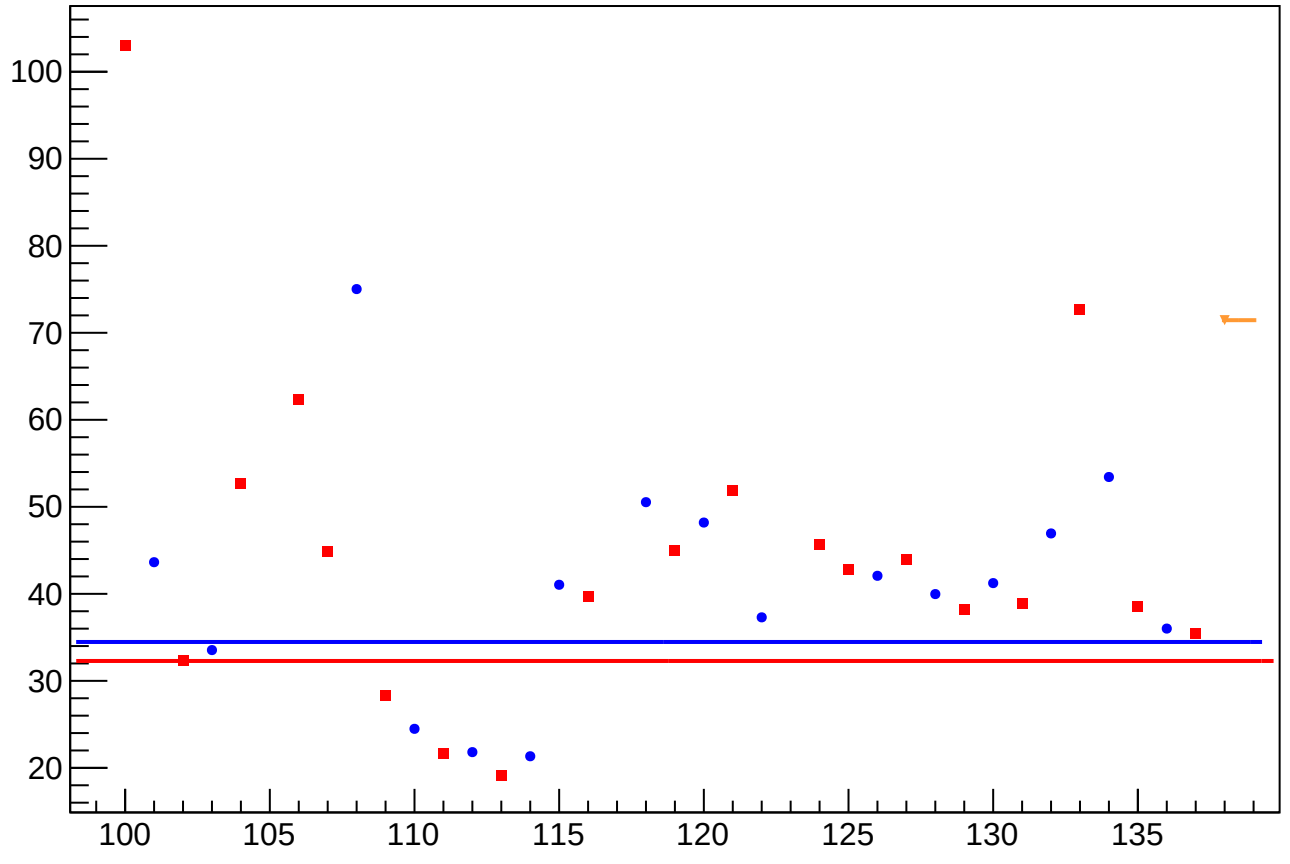
Right Out: 0.019+/-0.013 χ^2/NDF: 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.032+/-0.014 χ^2/NDF: 19.1/16

All: 0.026+/-0.009 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.469+/-0.010 χ^2/NDF: 1171158.4/15

Left Out: 71.450+/-0.062 χ^2/NDF:0.0/0

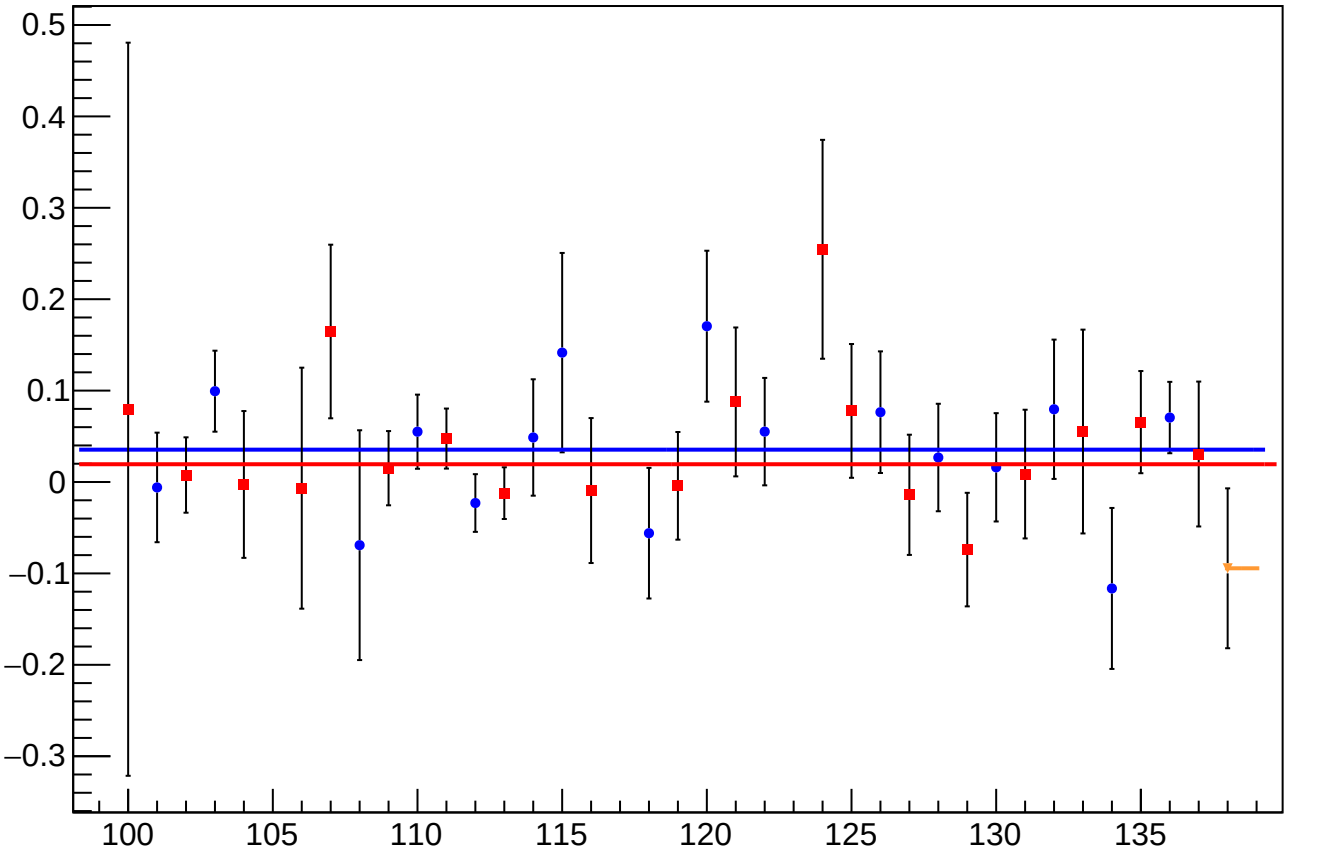
Right Out: 32.285+/-0.009 χ^2/NDF: 1672606.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.378+/-0.010 χ^2/NDF: 1519924.8/16

All: 33.763+/-0.007 χ^2/NDF: 3245617.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.035+/-0.014 χ^2/NDF: 16.9/15

Left Out: -0.094+/-0.087 χ^2/NDF:0.0/0

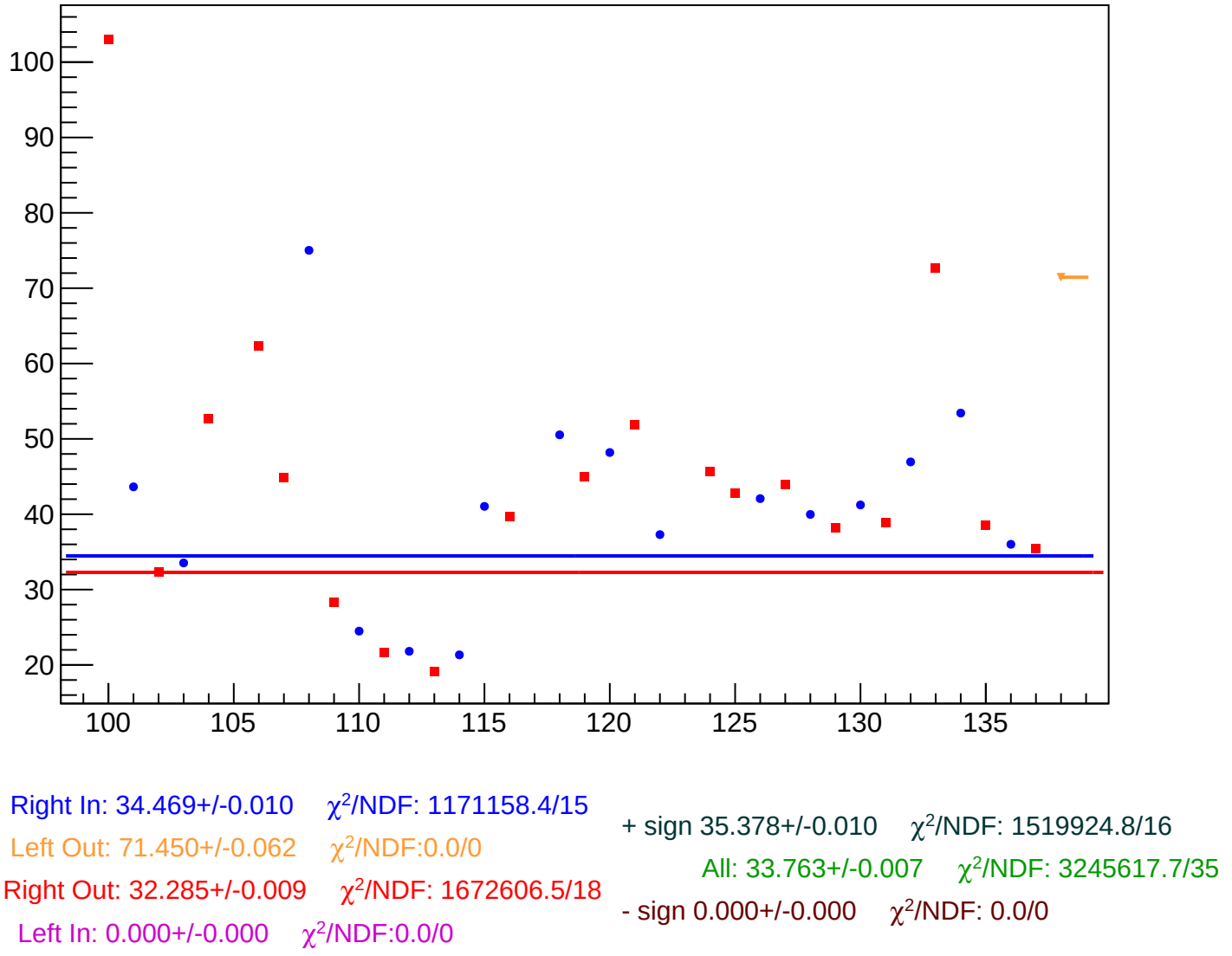
Right Out: 0.019+/-0.013 χ^2/NDF: 13.4/18

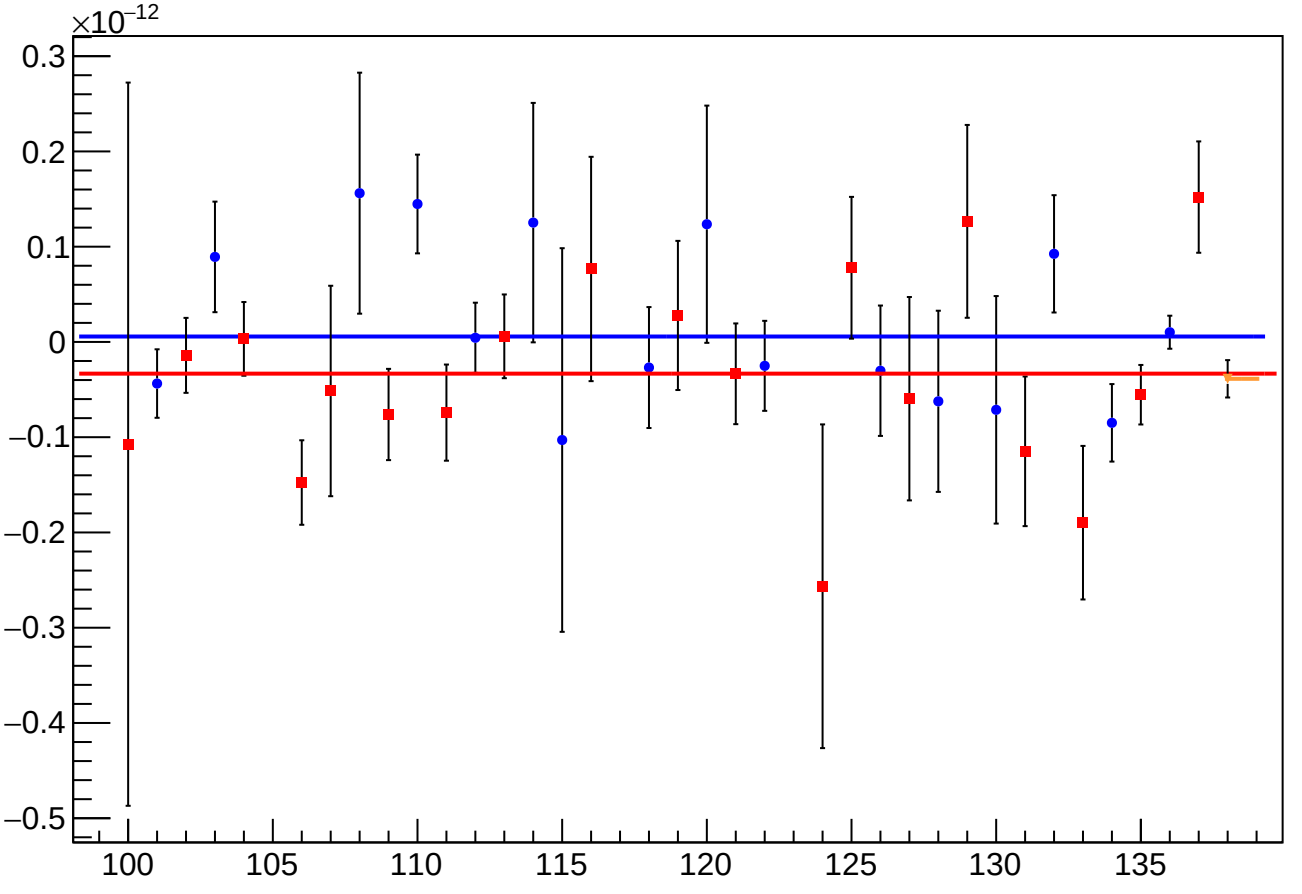
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.032+/-0.014 χ^2/NDF: 19.1/16

All: 0.026+/-0.009 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug
100
90
80
70
60
50
40
30
20
100
105
110
115
120
125
130
135
Right In: 34.469+/-0.010 χ²/NDF: 1171158.4/15
Left Out: 71.450+/-0.062 χ²/NDF:0.0/0
Right Out: 32.285+/-0.009 χ²/NDF: 1672606.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 35.378+/-0.010 χ²/NDF: 1519924.8/16
All: 33.763+/-0.007 χ²/NDF: 3245617.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

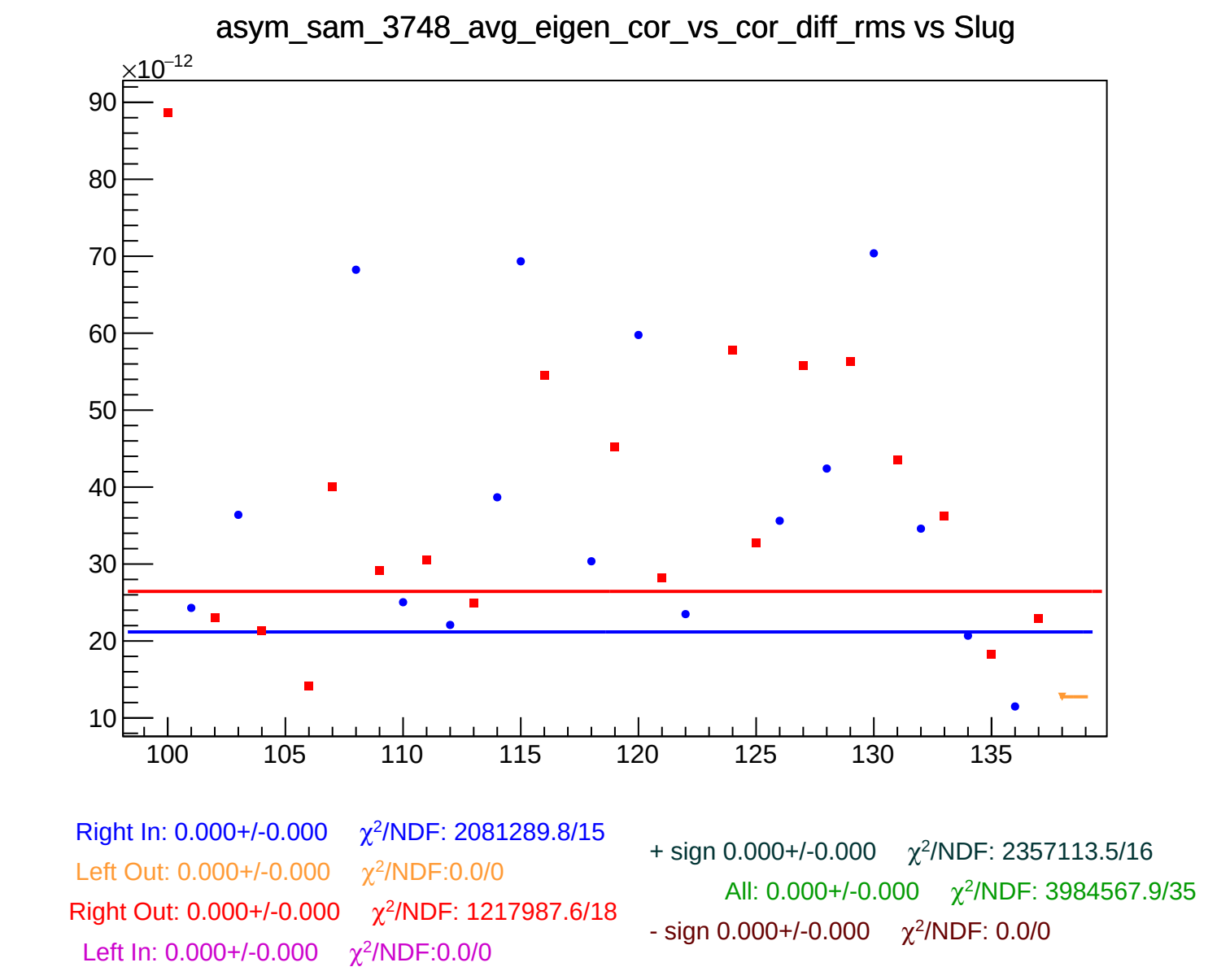
Right Out: -0.000+/-0.000 χ^2/NDF: 33.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

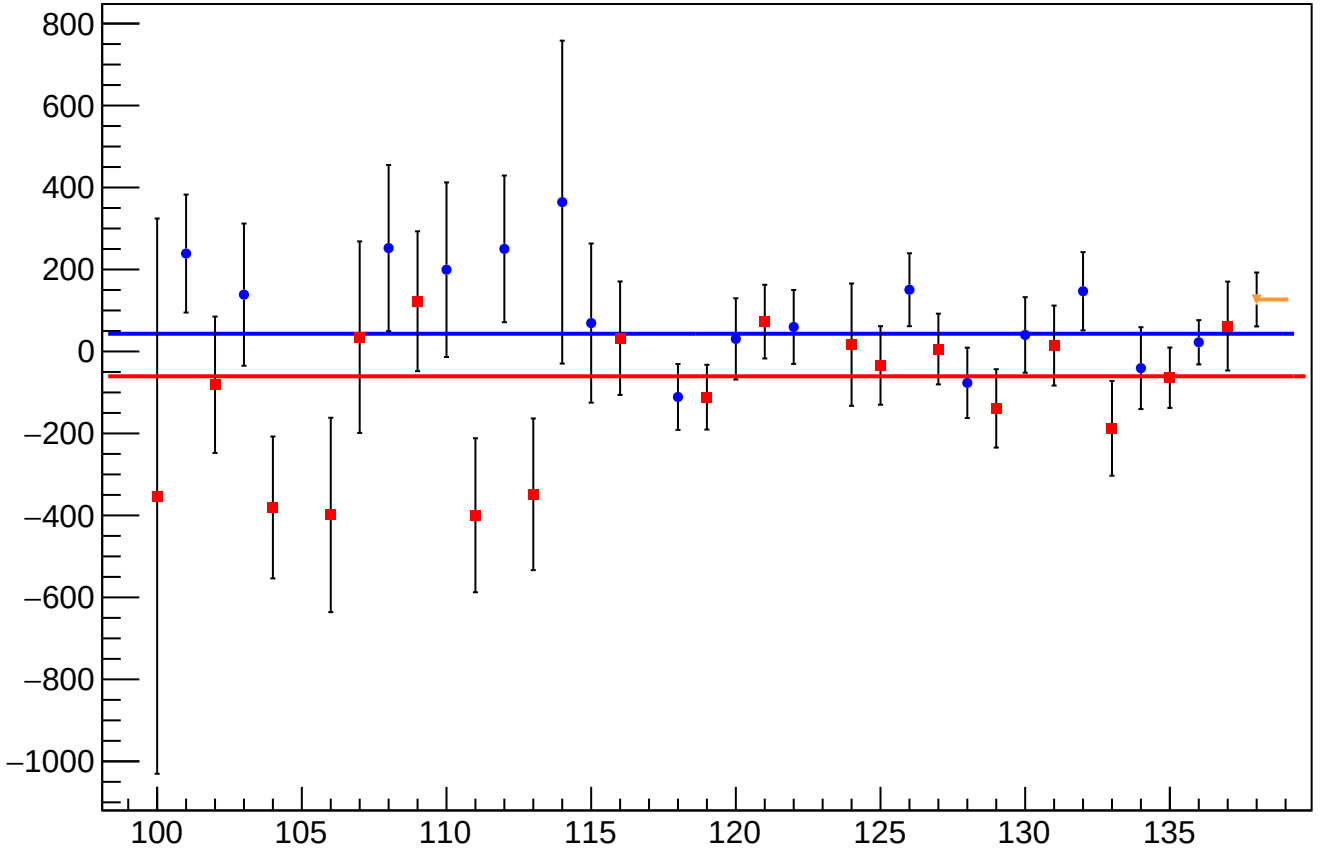
+ sign -0.000+/-0.000 χ^2/NDF: 27.4/16

All: -0.000+/-0.000 χ^2/NDF: 63.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
90
80
70
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2081289.8/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1217987.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2357113.5/16
All: 0.000+/-0.000 χ²/NDF: 3984567.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 43.247+/-25.781 χ^2/NDF: 15.0/15

Left Out: 126.826+/-65.777 χ^2/NDF:0.0/0

Right Out: -60.582+/-26.894 χ^2/NDF: 20.4/18

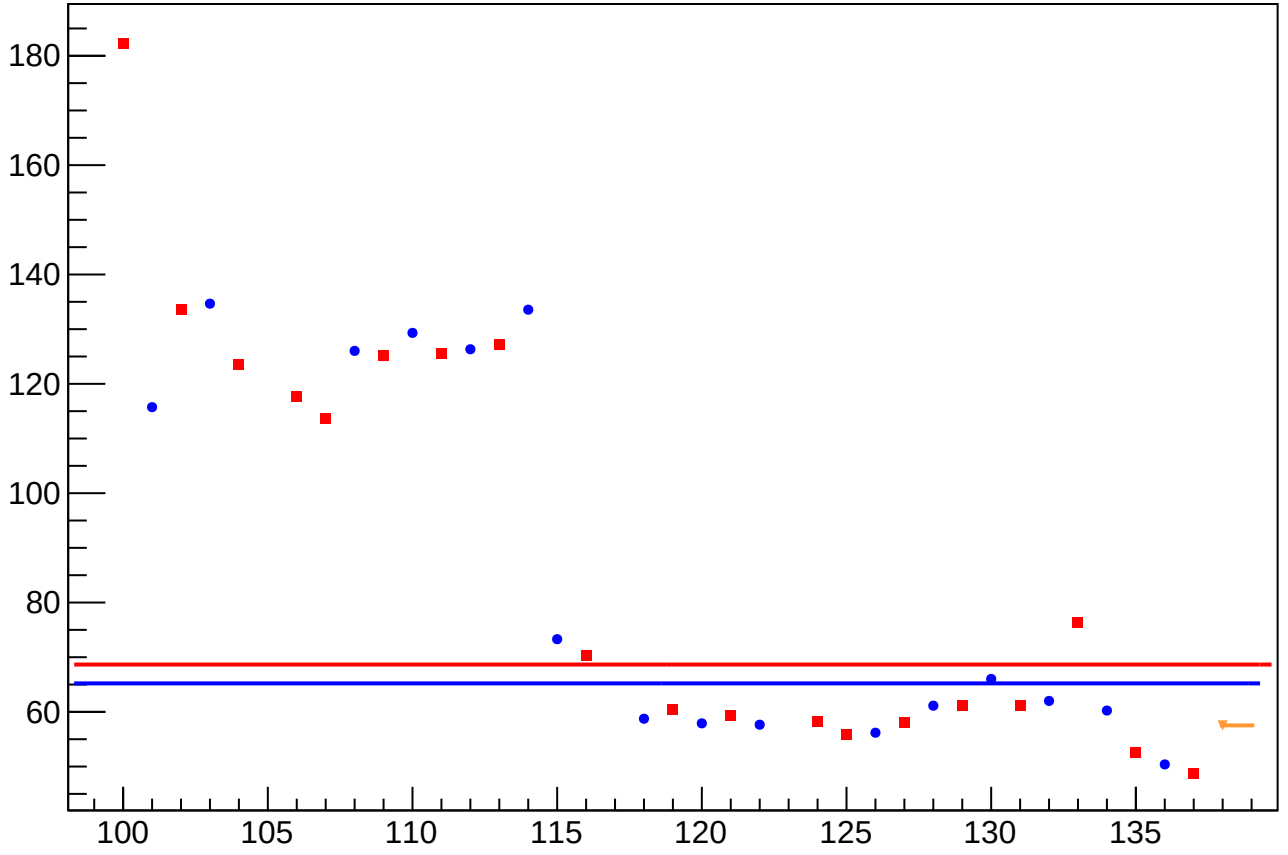
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.376+/-24.003 χ^2/NDF: 16.4/16

All: 3.407+/-17.908 χ^2/NDF: 46.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 65.212+/-0.018 χ^2/NDF: 1446504.6/15

Left Out: 57.525+/-0.047 χ^2/NDF:0.0/0

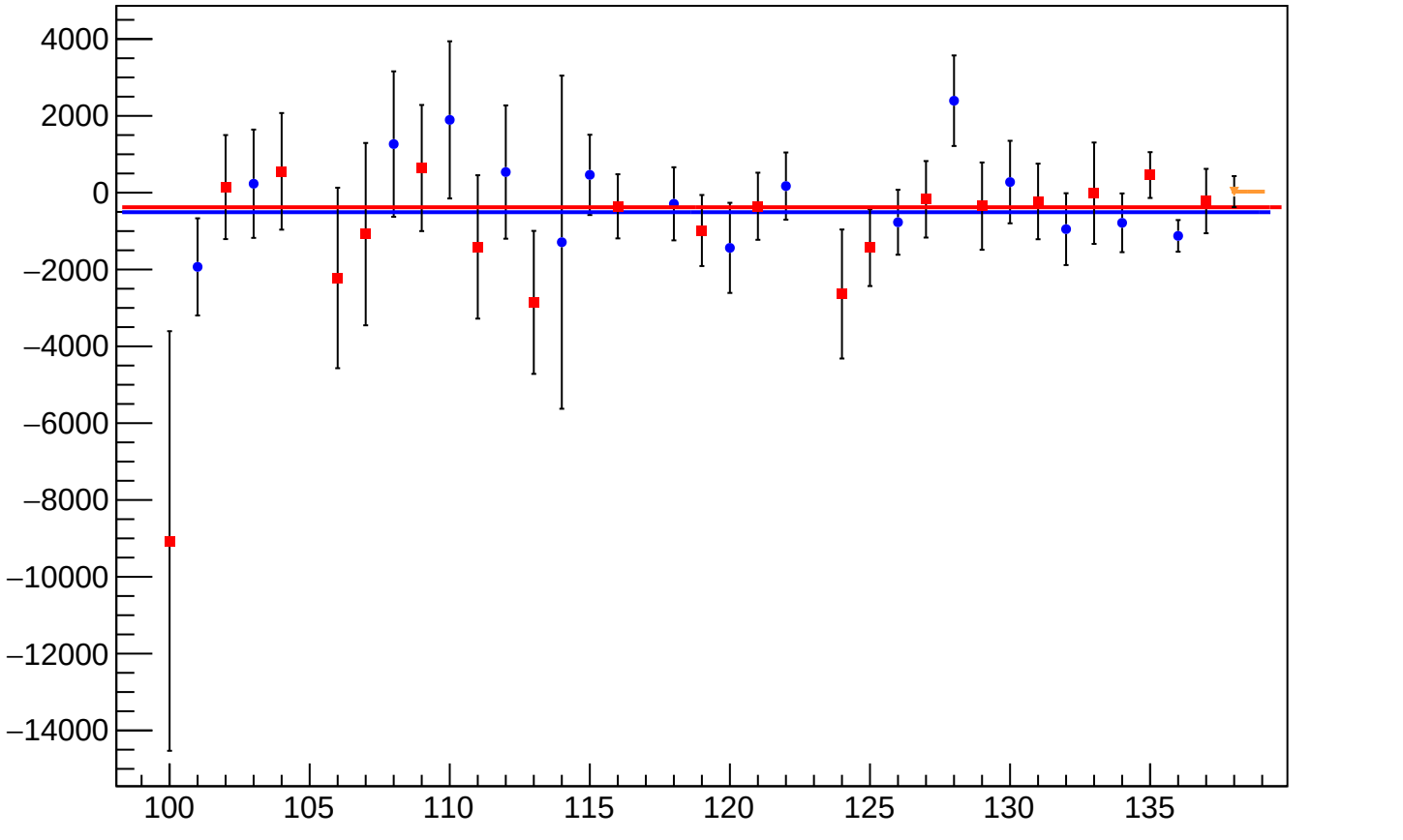
Right Out: 68.656+/-0.019 χ^2/NDF: 1640900.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 64.189+/-0.017 χ^2/NDF: 1470185.2/16

All: 66.170+/-0.013 χ^2/NDF: 3141805.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -507.928+/-236.945 χ^2/NDF: 15.6/15

Left Out: 27.538+/-404.536 χ^2/NDF:0.0/0

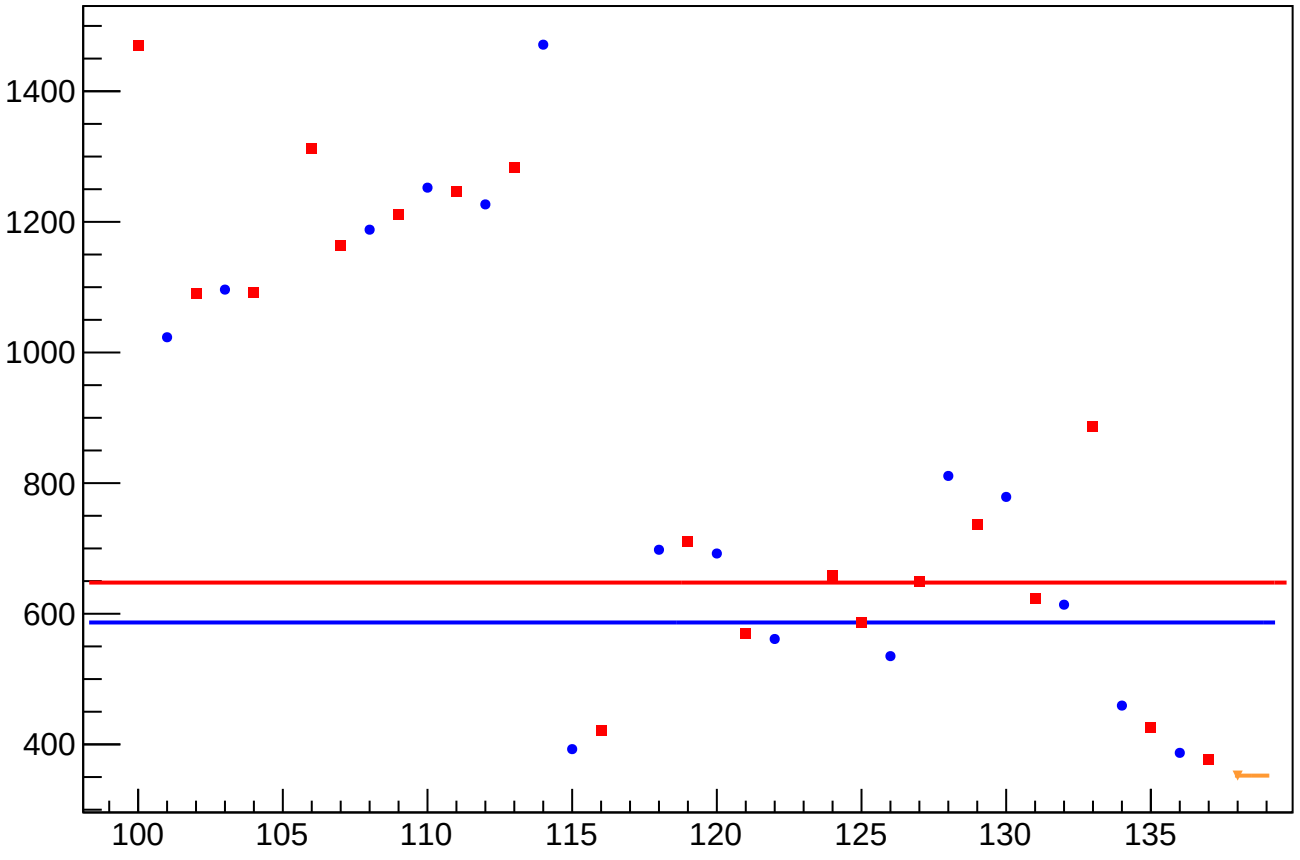
Right Out: -378.892+/-256.407 χ^2/NDF: 11.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -371.151+/-204.455 χ^2/NDF: 16.9/16

All: -374.160+/-159.856 χ^2/NDF: 28.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 586.645+/-0.168 χ^2/NDF: 2053133.2/15

Left Out: 352.194+/-0.286 χ^2/NDF:0.0/0

Right Out: 647.736+/-0.181 χ^2/NDF: 2105638.0/18

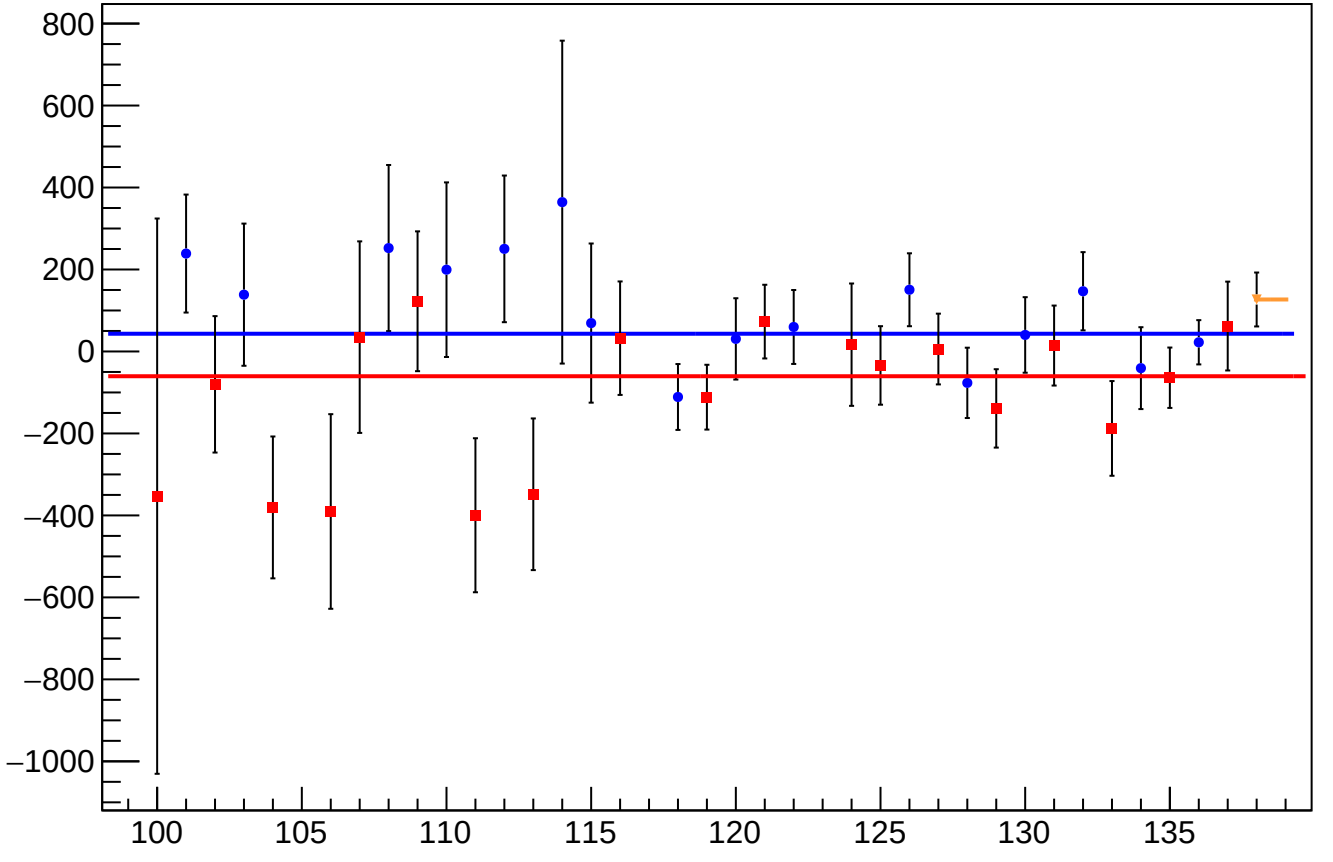
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 526.758+/-0.145 χ^2/NDF: 2553308.3/16

All: 573.781+/-0.113 χ^2/NDF: 4931121.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 43.239+/-25.781 χ^2/NDF: 15.0/15

Left Out: 126.819+/-65.777 χ^2/NDF:0.0/0

Right Out: -60.432+/-26.895 χ^2/NDF: 20.3/18

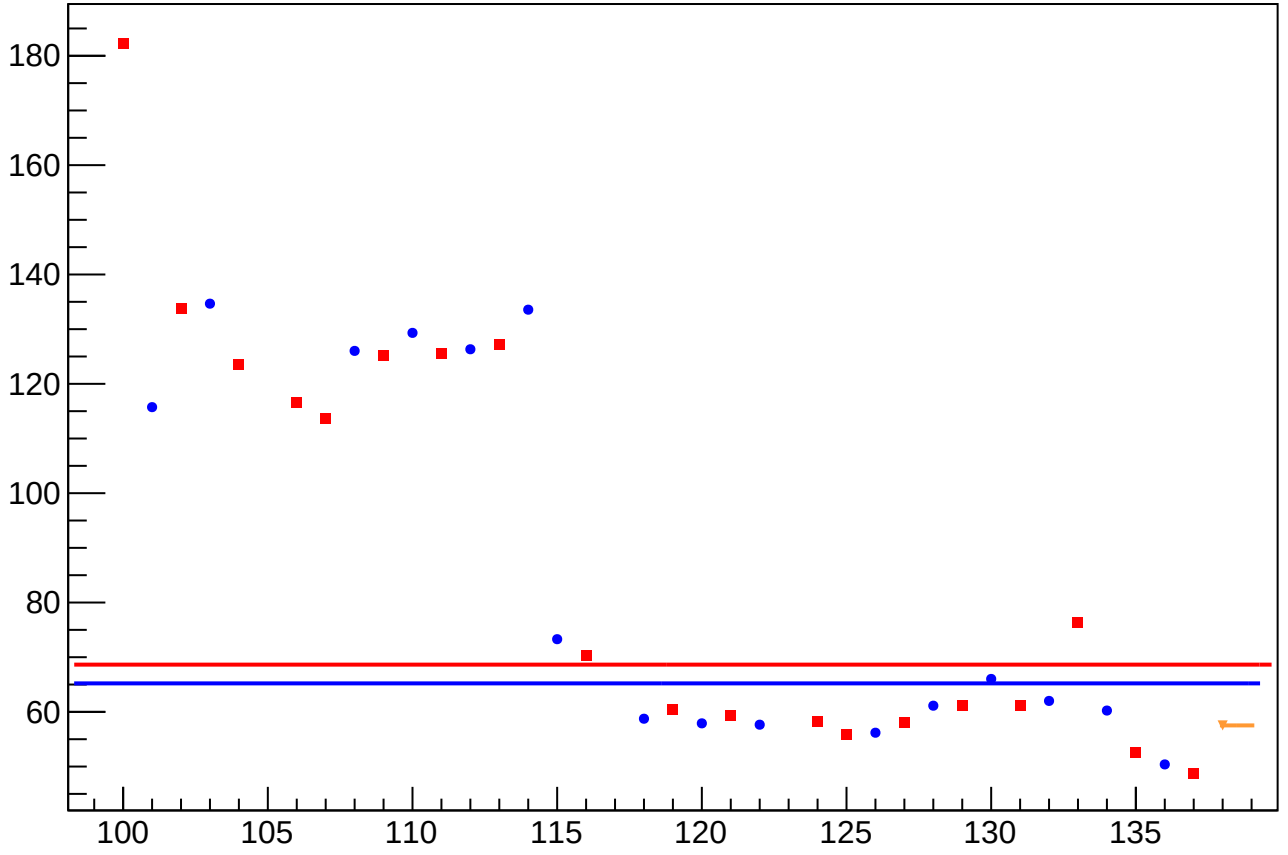
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.369+/-24.003 χ^2/NDF: 16.4/16

All: 3.471+/-17.908 χ^2/NDF: 46.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 65.212+/-0.018 χ^2/NDF: 1446506.9/15

Left Out: 57.525+/-0.047 χ^2/NDF:0.0/0

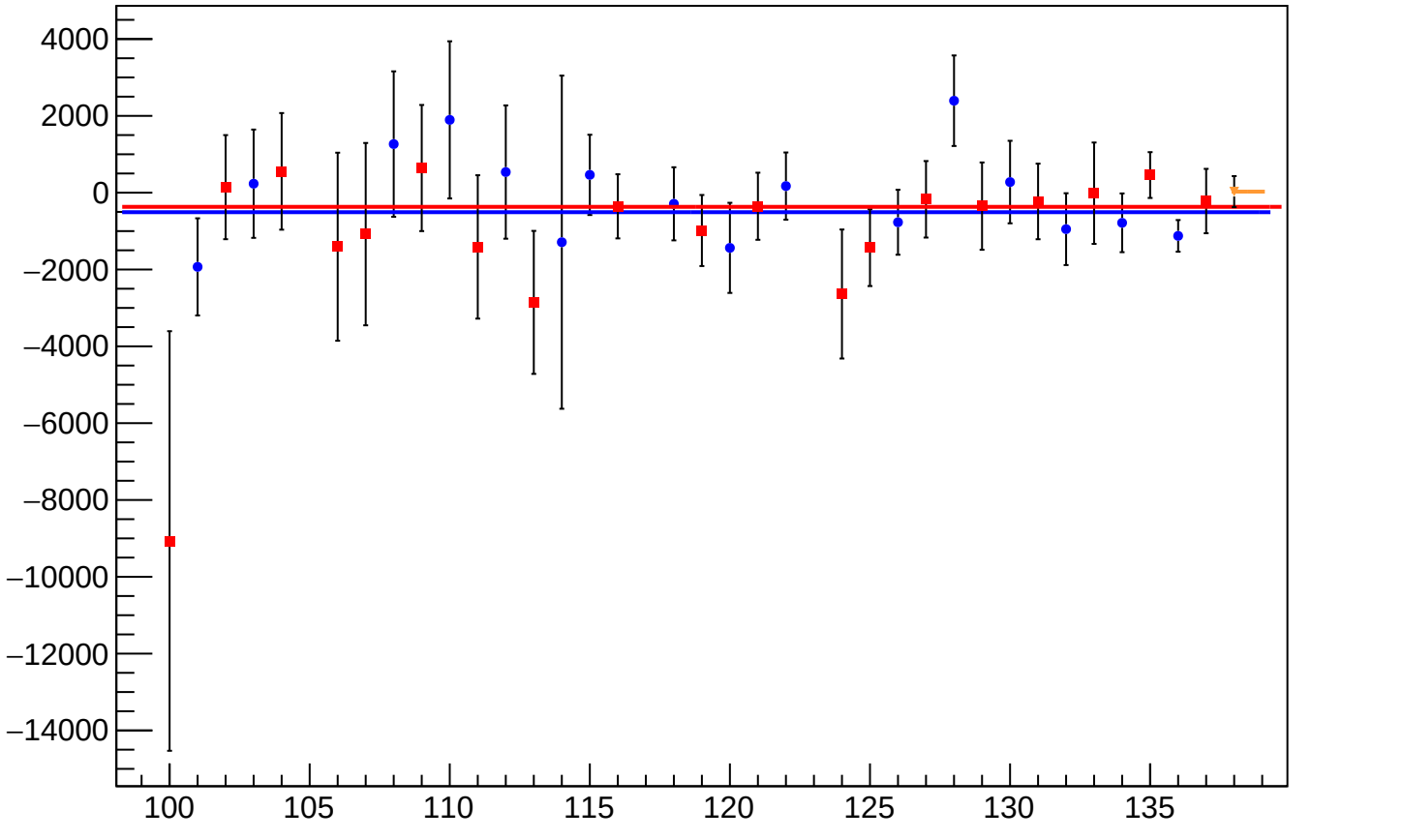
Right Out: 68.642+/-0.019 χ^2/NDF: 1637558.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 64.189+/-0.017 χ^2/NDF: 1470187.5/16

All: 66.163+/-0.013 χ^2/NDF: 3138266.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -507.911+/-236.945 χ^2/NDF: 15.6/15

Left Out: 27.531+/-404.536 χ^2/NDF:0.0/0

Right Out: -368.334+/-256.534 χ^2/NDF: 11.3/18

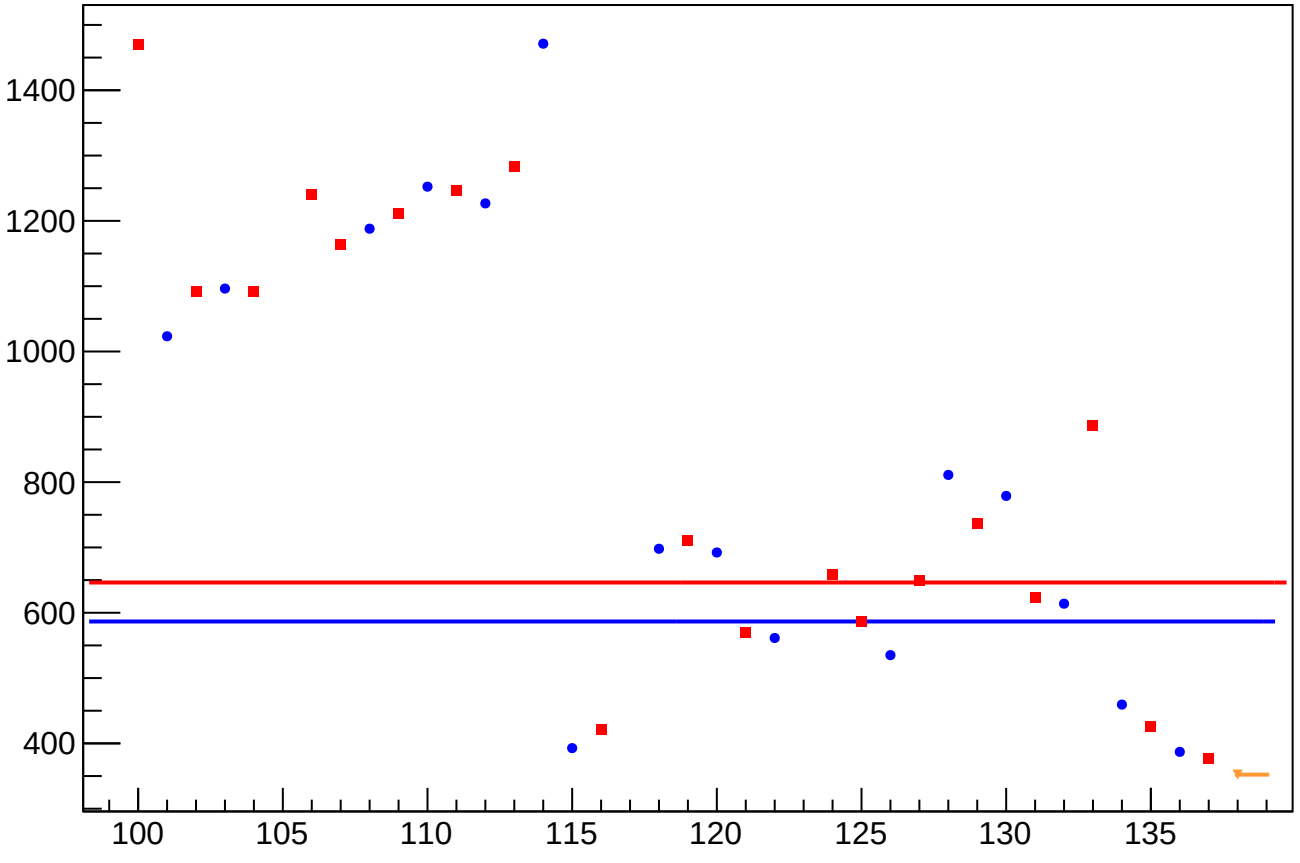
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -371.140+/-204.455 χ^2/NDF: 16.9/16

All: -370.050+/-159.887 χ^2/NDF: 28.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 586.645+/-0.168 χ^2/NDF: 2053169.7/15

Left Out: 352.194+/-0.286 χ^2/NDF:0.0/0

Right Out: 646.328+/-0.181 χ^2/NDF: 2063185.3/18

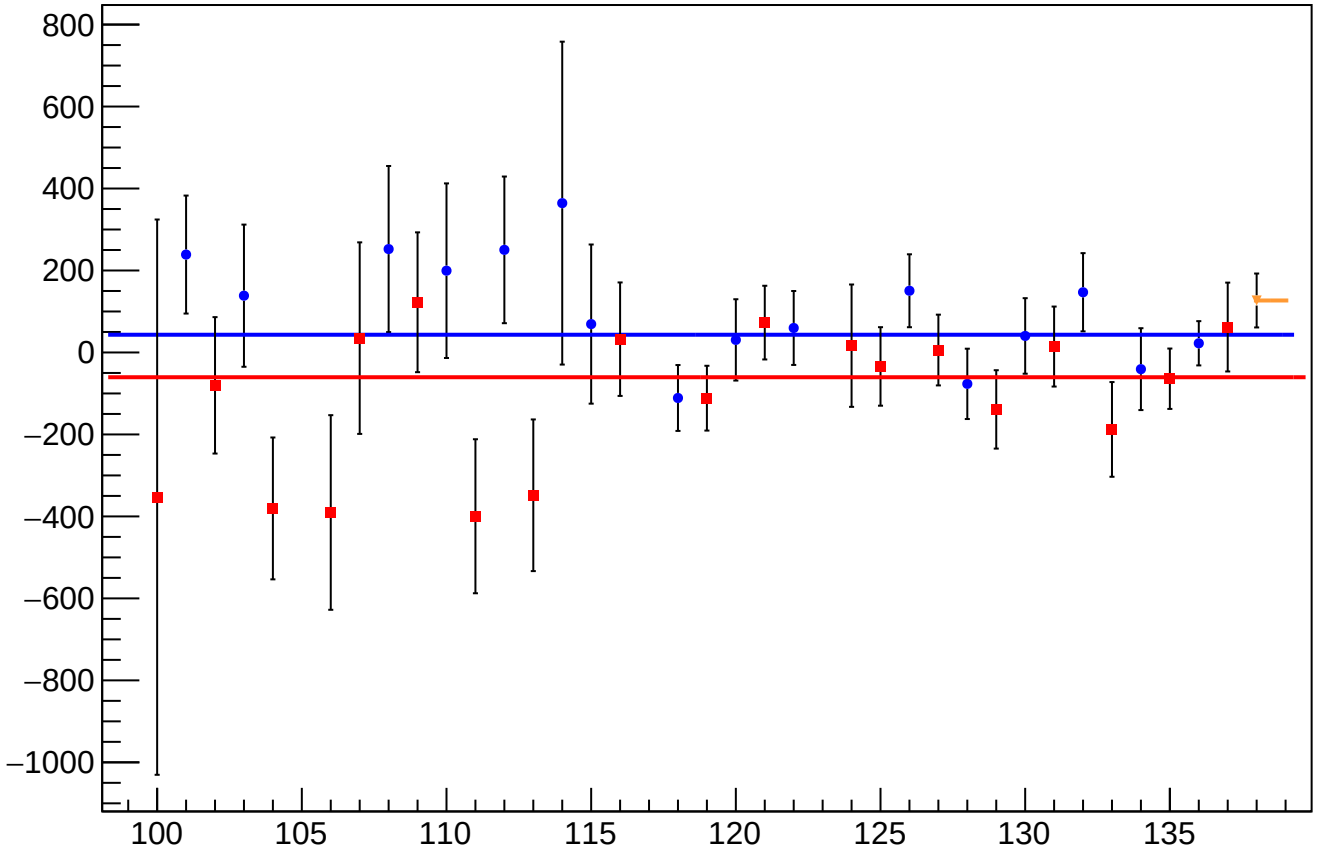
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 526.757+/-0.145 χ^2/NDF: 2553345.0/16

All: 573.205+/-0.113 χ^2/NDF: 4882247.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 43.239+/-25.781 χ^2/NDF: 15.0/15

Left Out: 126.819+/-65.777 χ^2/NDF:0.0/0

Right Out: -60.432+/-26.895 χ^2/NDF: 20.3/18

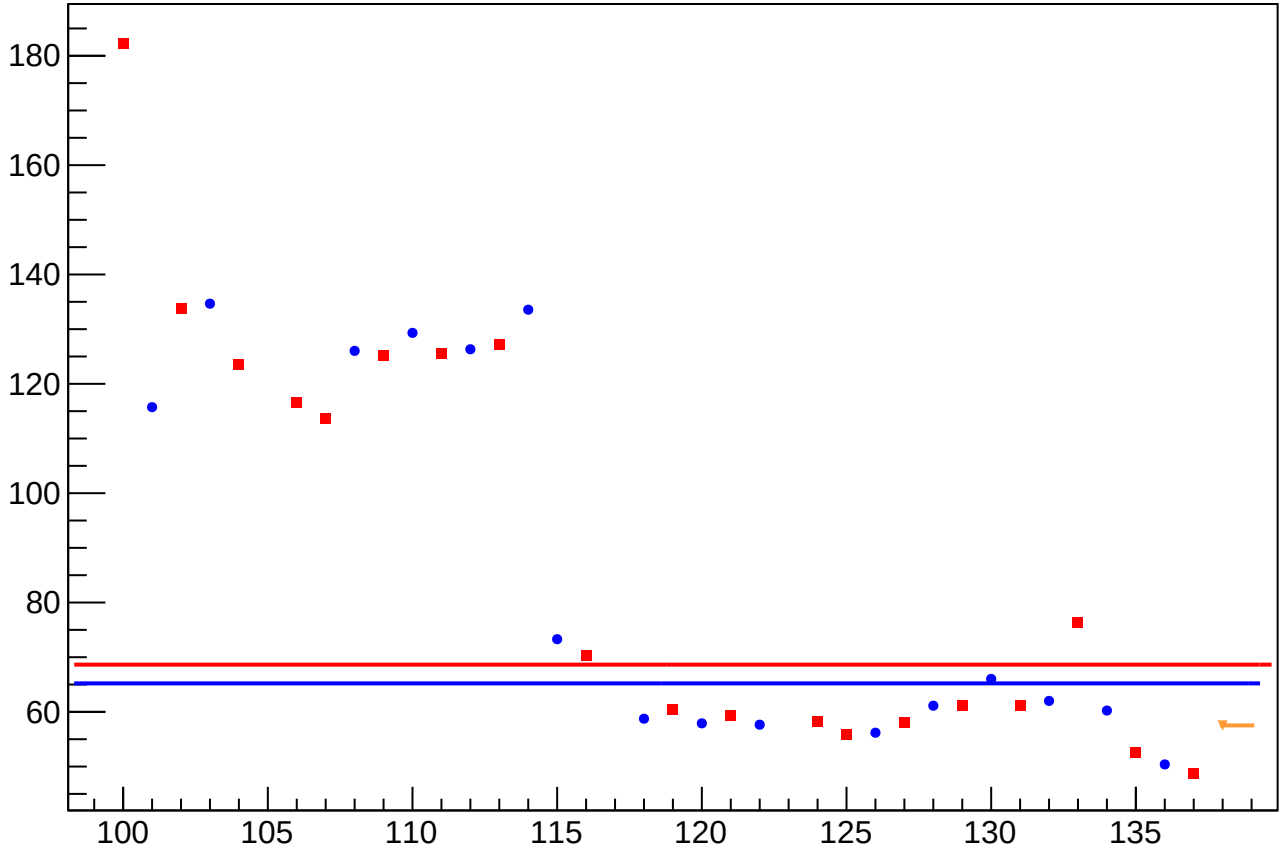
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.369+/-24.003 χ^2/NDF: 16.4/16

All: 3.471+/-17.908 χ^2/NDF: 46.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 65.212+/-0.018 χ^2/NDF: 1446506.9/15

Left Out: 57.525+/-0.047 χ^2/NDF:0.0/0

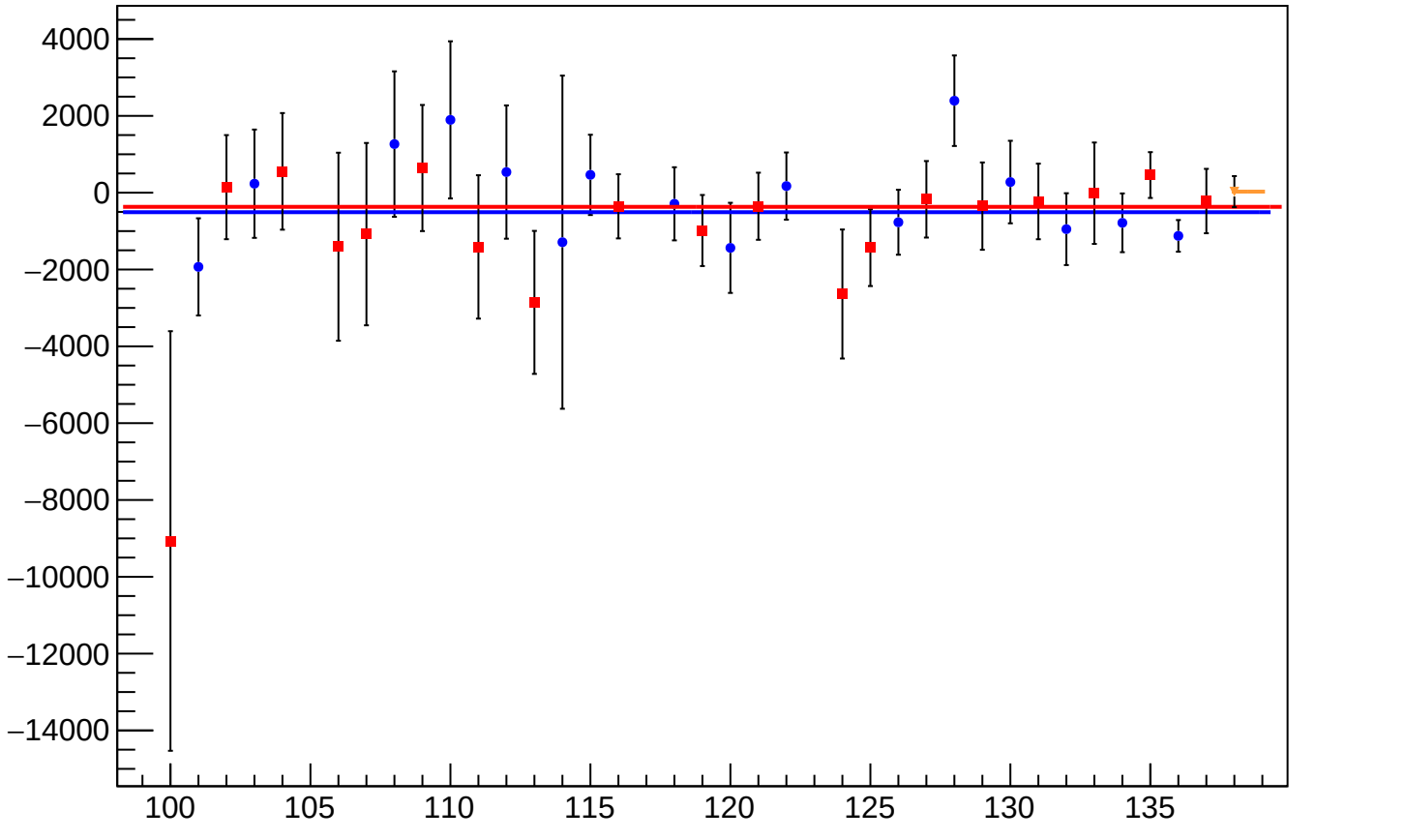
Right Out: 68.642+/-0.019 χ^2/NDF: 1637558.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 64.189+/-0.017 χ^2/NDF: 1470187.5/16

All: 66.163+/-0.013 χ^2/NDF: 3138266.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -507.911+/-236.945 χ^2/NDF: 15.6/15

Left Out: 27.531+/-404.536 χ^2/NDF:0.0/0

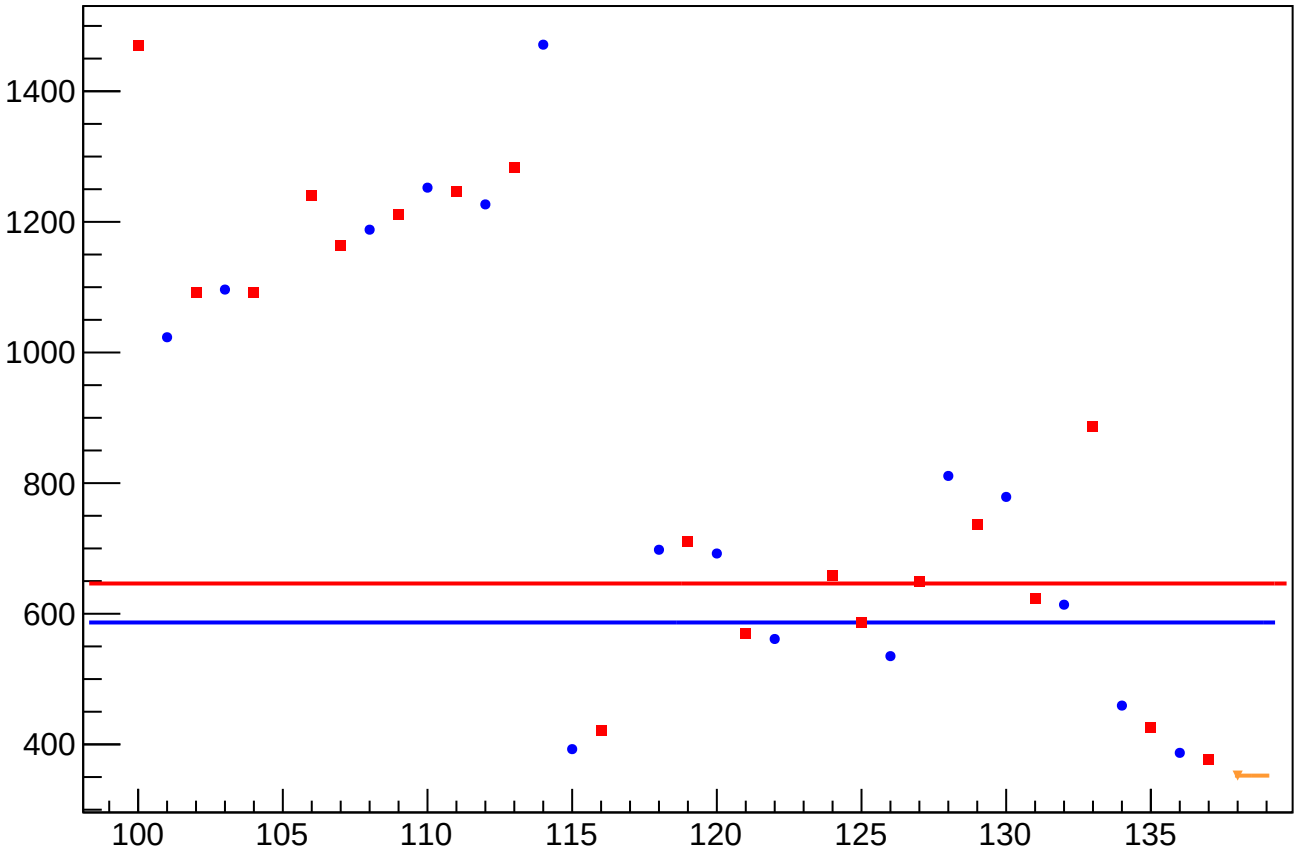
Right Out: -368.334+/-256.534 χ^2/NDF: 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -371.140+/-204.455 χ^2/NDF: 16.9/16

All: -370.050+/-159.887 χ^2/NDF: 28.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 586.645+/-0.168 χ^2/NDF: 2053169.7/15

Left Out: 352.194+/-0.286 χ^2/NDF:0.0/0

Right Out: 646.328+/-0.181 χ^2/NDF: 2063185.3/18

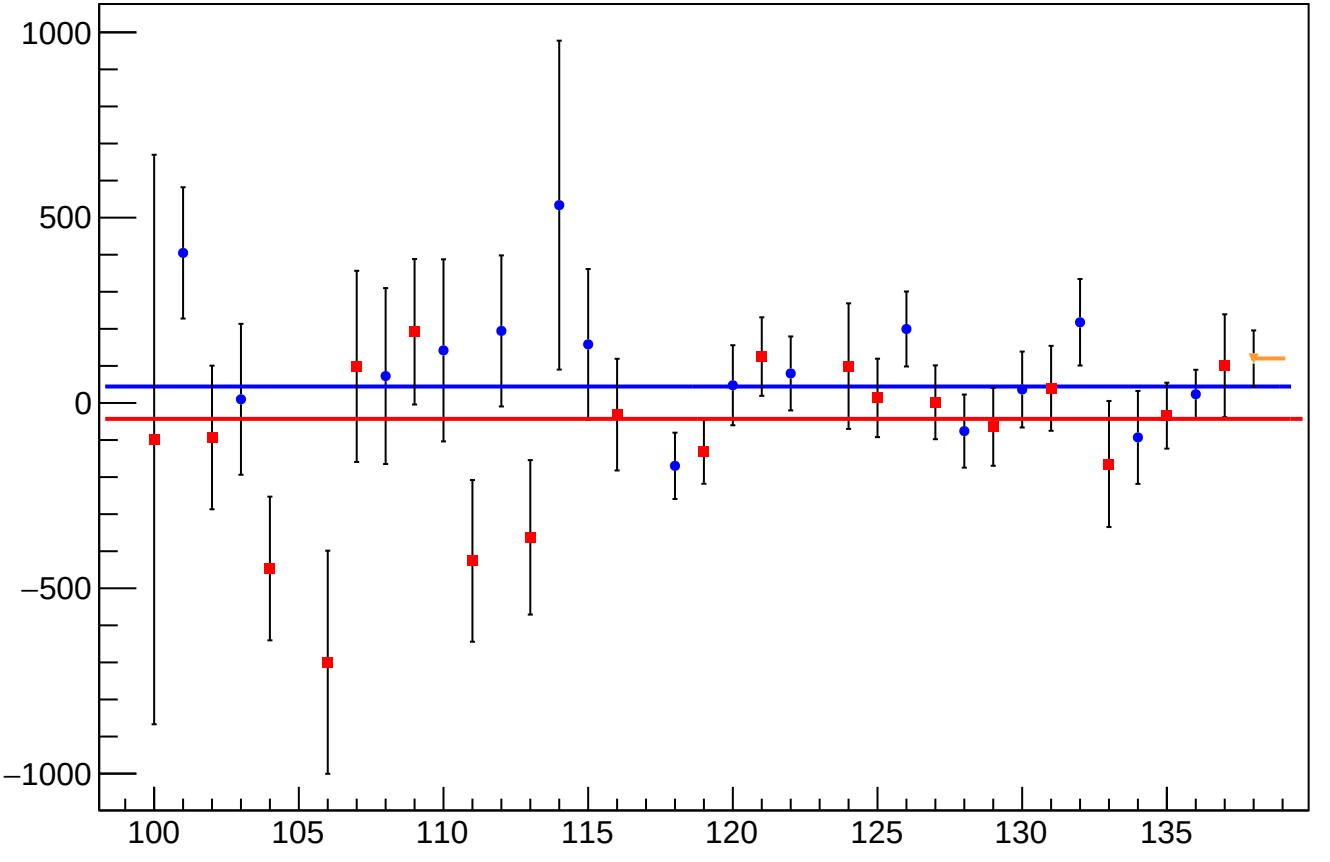
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 526.757+/-0.145 χ^2/NDF: 2553345.0/16

All: 573.205+/-0.113 χ^2/NDF: 4882247.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 44.387+/-29.909 χ^2/NDF: 19.6/15

Left Out: 120.131+/-75.617 χ^2/NDF:0.0/0

Right Out: -42.901+/-31.248 χ^2/NDF: 23.3/18

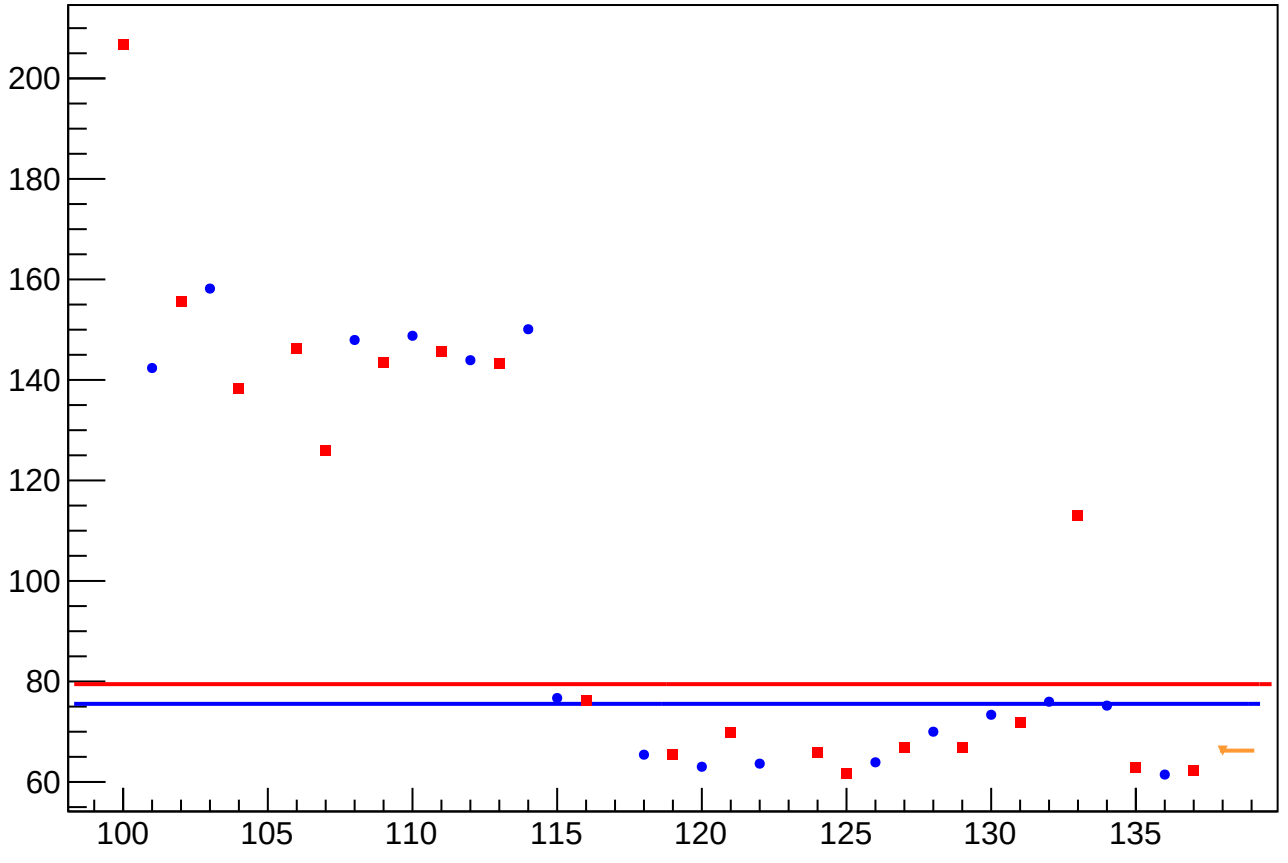
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.634+/-27.812 χ^2/NDF: 20.5/16

All: 11.522+/-20.775 χ^2/NDF: 49.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 75.544+/-0.021 χ^2/NDF: 1465550.9/15

Left Out: 66.242+/-0.053 χ^2/NDF:0.0/0

Right Out: 79.465+/-0.022 χ^2/NDF: 1683634.3/18

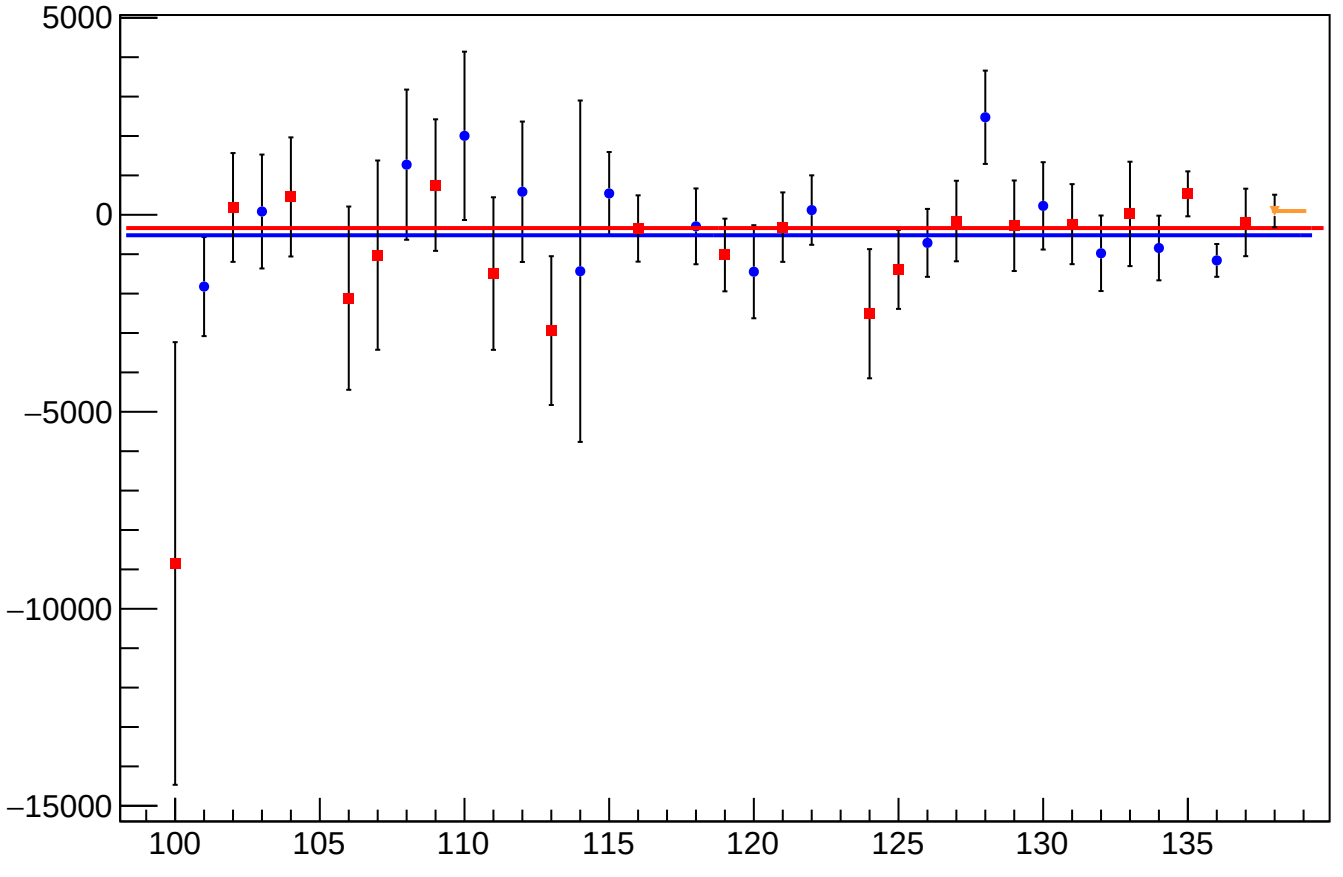
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 74.286+/-0.020 χ^2/NDF: 1491725.3/16

All: 76.575+/-0.015 χ^2/NDF: 3206020.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -519.250+/-241.317 χ^2/NDF: 15.8/15

Left Out: 95.813+/-413.850 χ^2/NDF:0.0/0

Right Out: -336.731+/-256.618 χ^2/NDF: 11.9/18

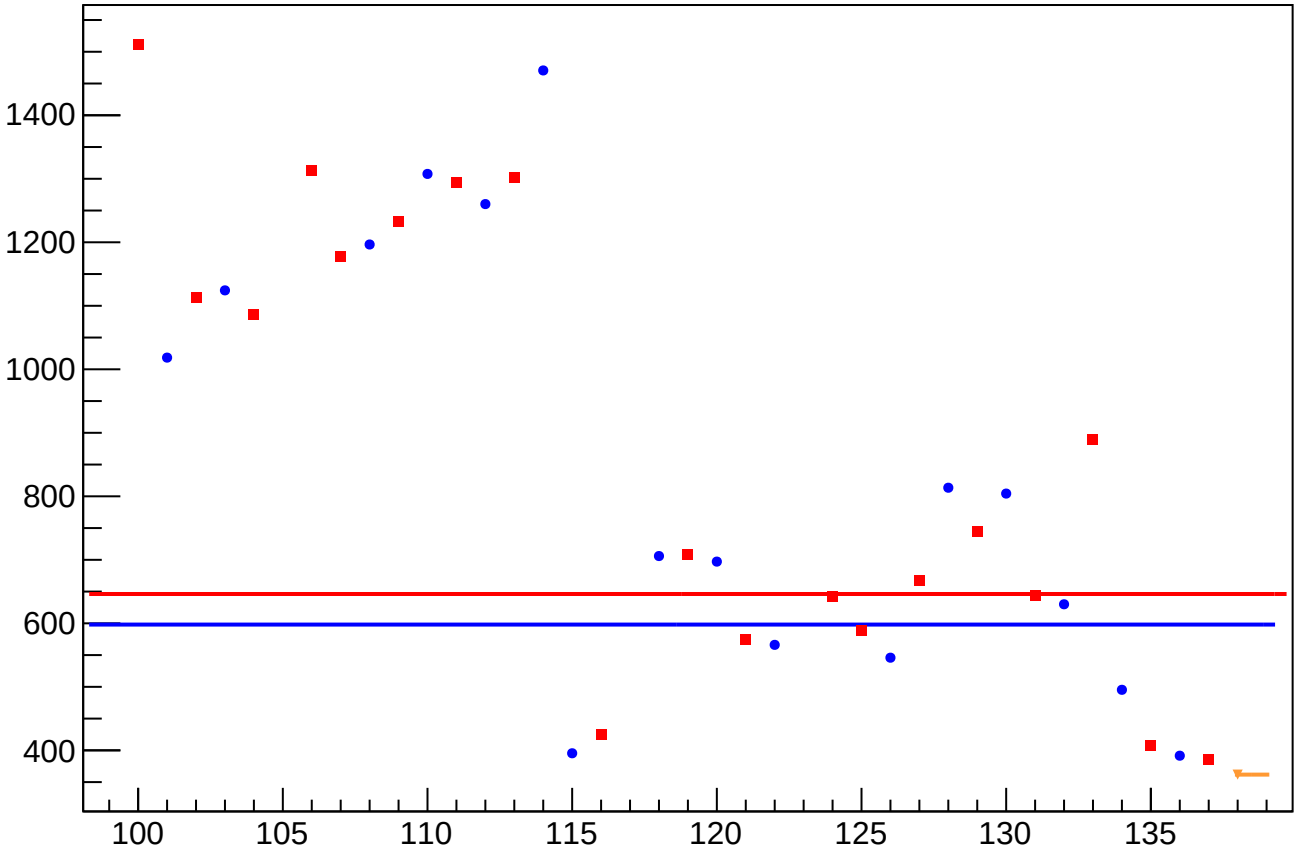
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -363.187+/-208.465 χ^2/NDF: 17.4/16

All: -352.669+/-161.804 χ^2/NDF: 29.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 598.044+/-0.171 χ^2/NDF: 2047825.1/15

Left Out: 361.790+/-0.293 χ^2/NDF:0.0/0

Right Out: 646.190+/-0.181 χ^2/NDF: 2205437.4/18

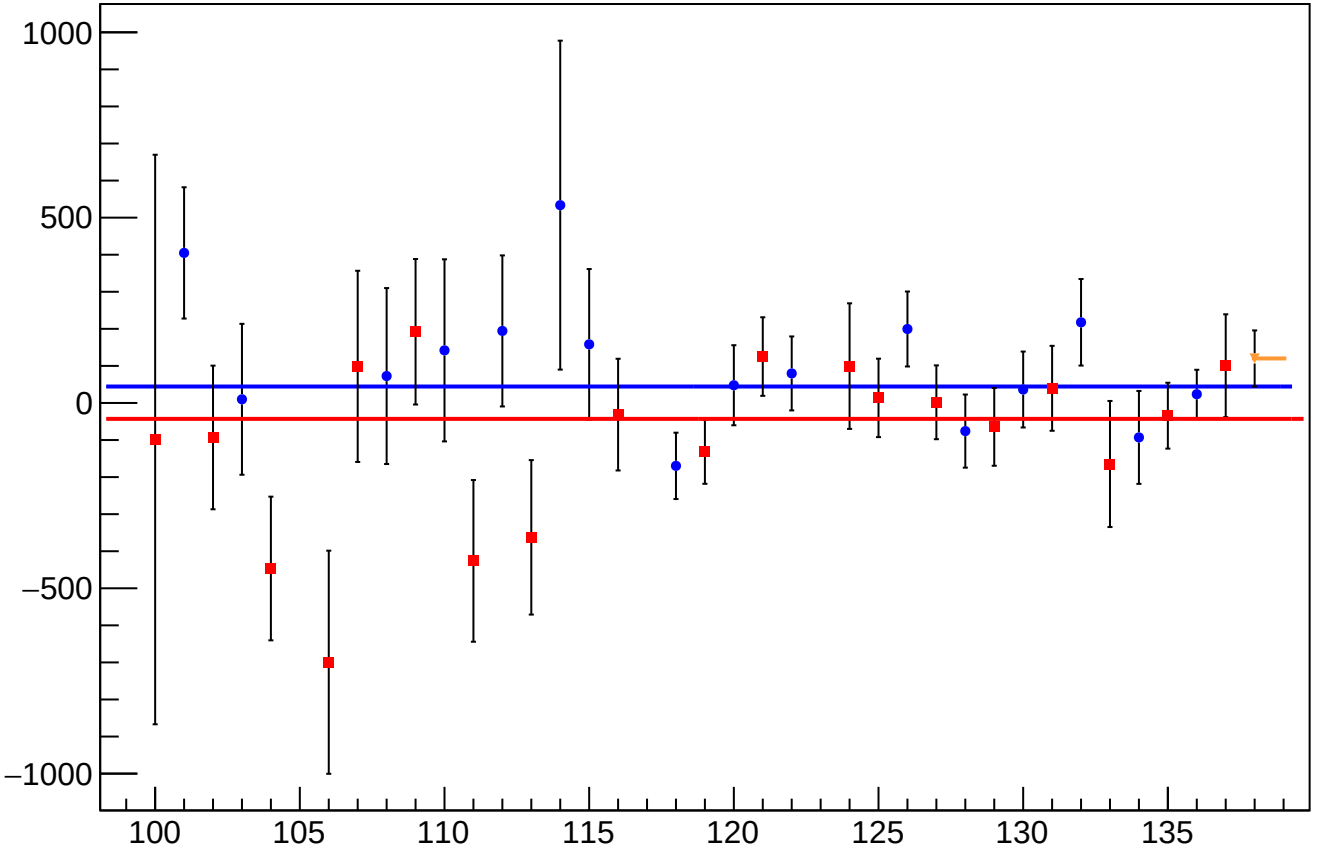
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 538.098+/-0.147 χ^2/NDF: 2534227.1/16

All: 581.071+/-0.114 χ^2/NDF: 4953439.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 44.389+/-29.908 χ^2/NDF: 19.6/15

Left Out: 120.125+/-75.617 χ^2/NDF:0.0/0

Right Out: -42.900+/-31.248 χ^2/NDF: 23.3/18

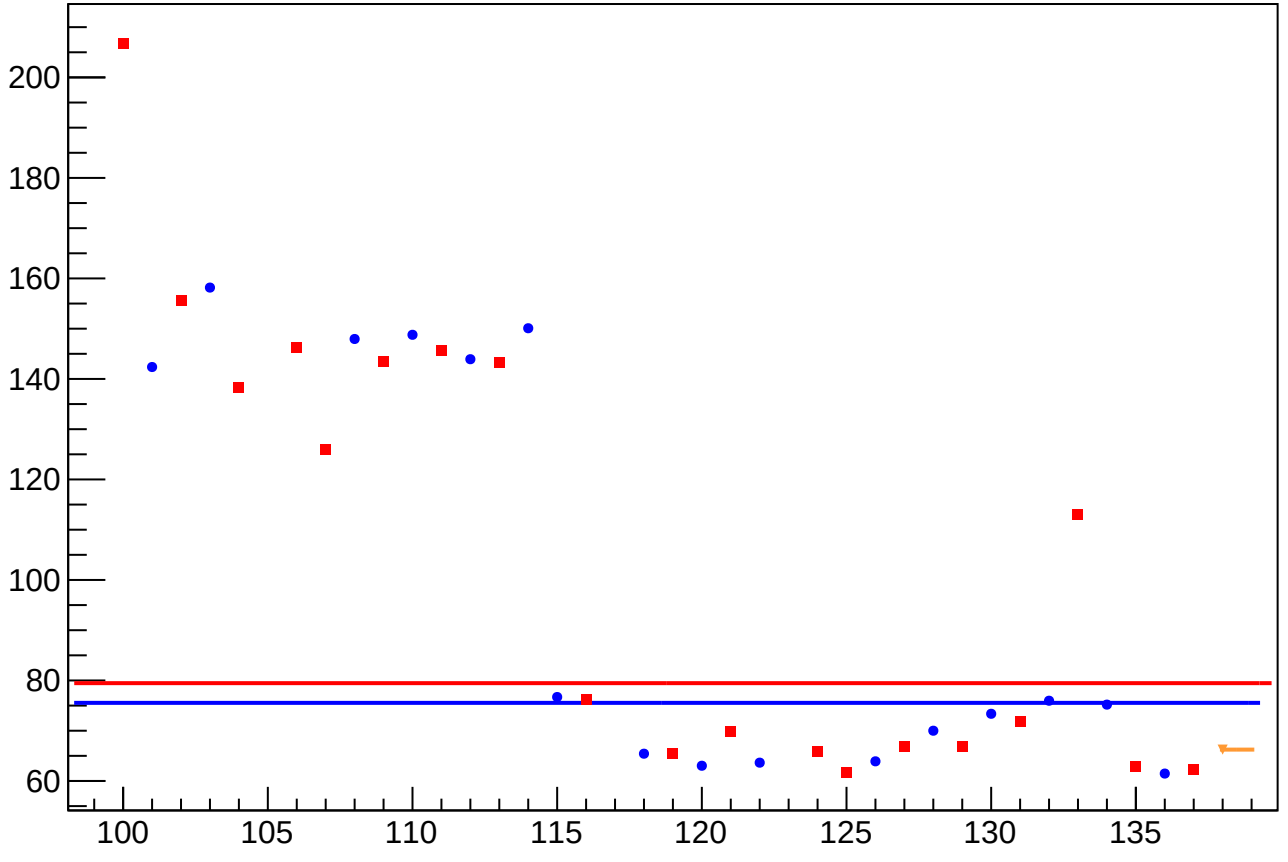
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.634+/-27.812 χ^2/NDF: 20.5/16

All: 11.522+/-20.775 χ^2/NDF: 49.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 75.544+/-0.021 χ^2/NDF: 1465535.8/15

Left Out: 66.242+/-0.053 χ^2/NDF:0.0/0

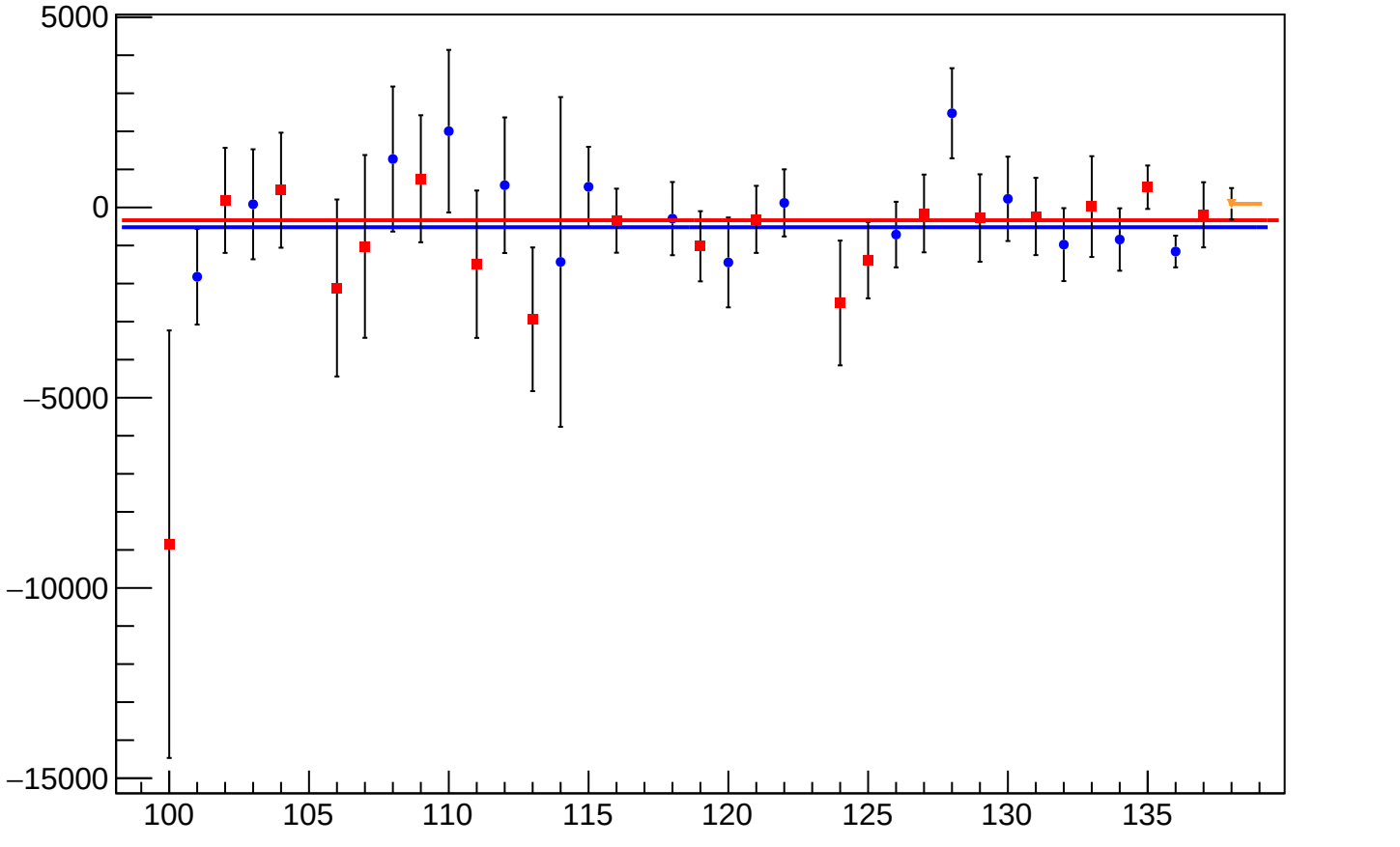
Right Out: 79.465+/-0.022 χ^2/NDF: 1683627.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 74.286+/-0.020 χ^2/NDF: 1491709.8/16

All: 76.575+/-0.015 χ^2/NDF: 3205997.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -519.247+/-241.316 χ^2/NDF: 15.8/15

Left Out: 95.807+/-413.848 χ^2/NDF:0.0/0

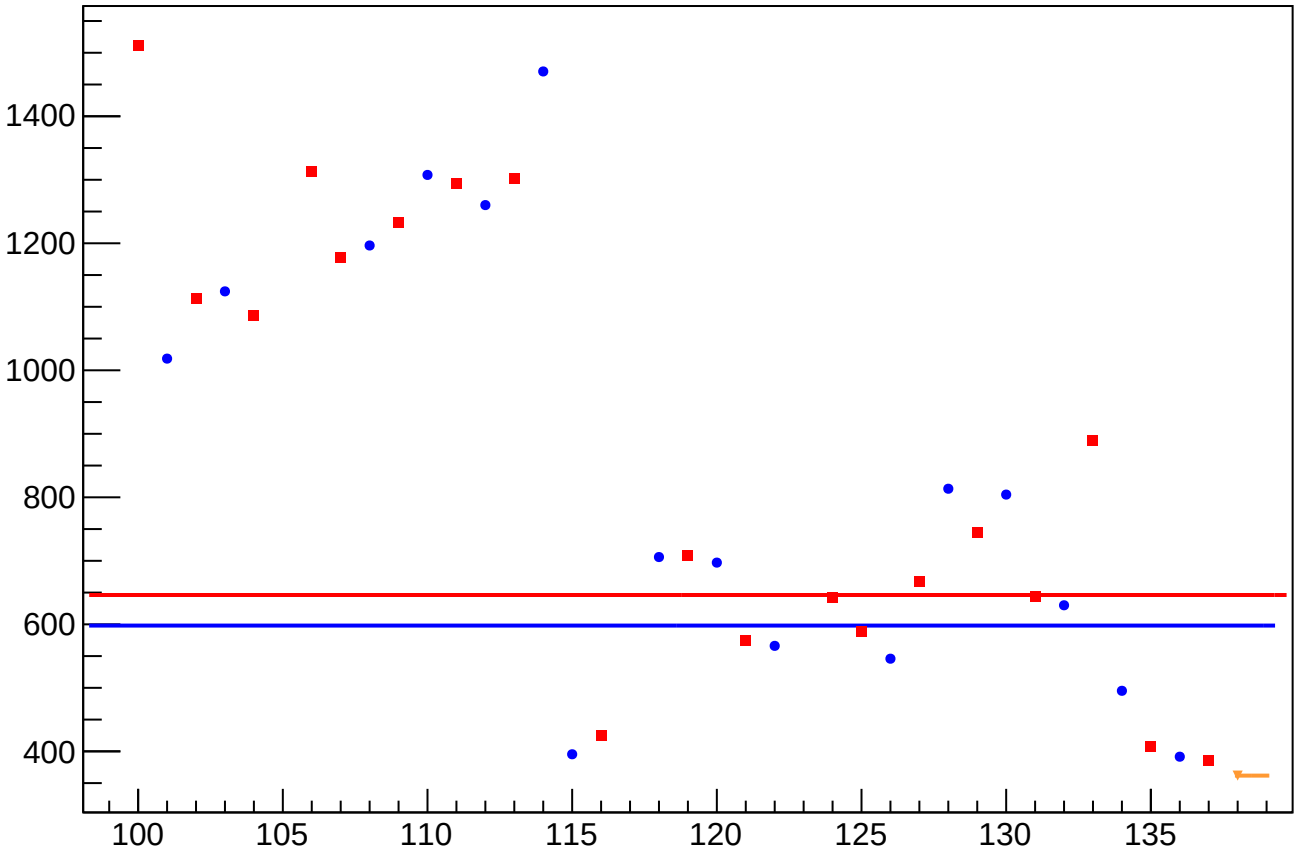
Right Out: -336.731+/-256.617 χ^2/NDF: 11.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -363.186+/-208.465 χ^2/NDF: 17.4/16

All: -352.668+/-161.804 χ^2/NDF: 29.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 598.044+/-0.171 χ^2/NDF: 2047806.5/15

Left Out: 361.788+/-0.293 χ^2/NDF:0.0/0

Right Out: 646.190+/-0.181 χ^2/NDF: 2205421.4/18

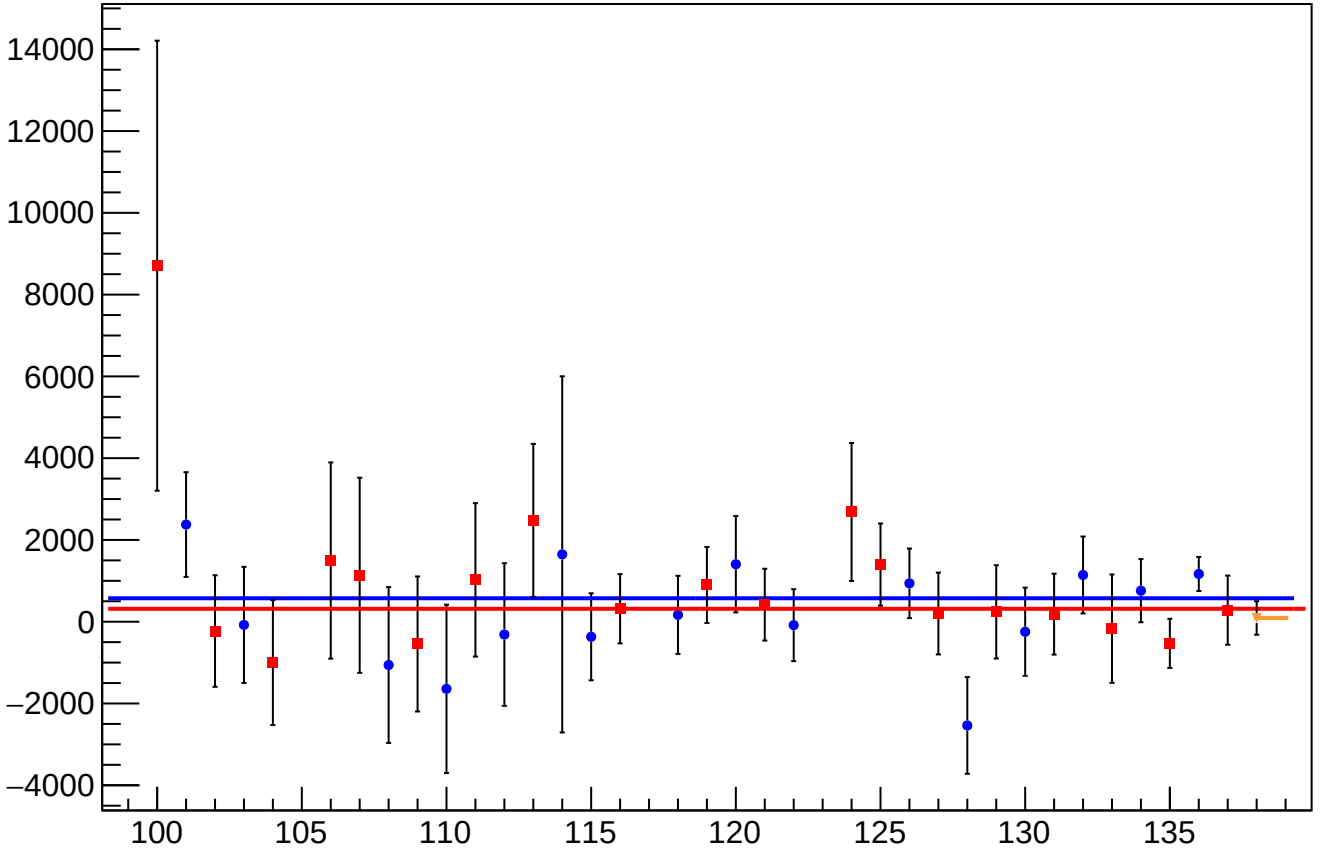
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 538.097+/-0.147 χ^2/NDF: 2534218.8/16

All: 581.070+/-0.114 χ^2/NDF: 4953418.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 573.374+/-238.921 χ^2/NDF: 16.6/15

Left Out: 91.769+/-409.925 χ^2/NDF:0.0/0

Right Out: 316.830+/-258.239 χ^2/NDF: 11.0/18

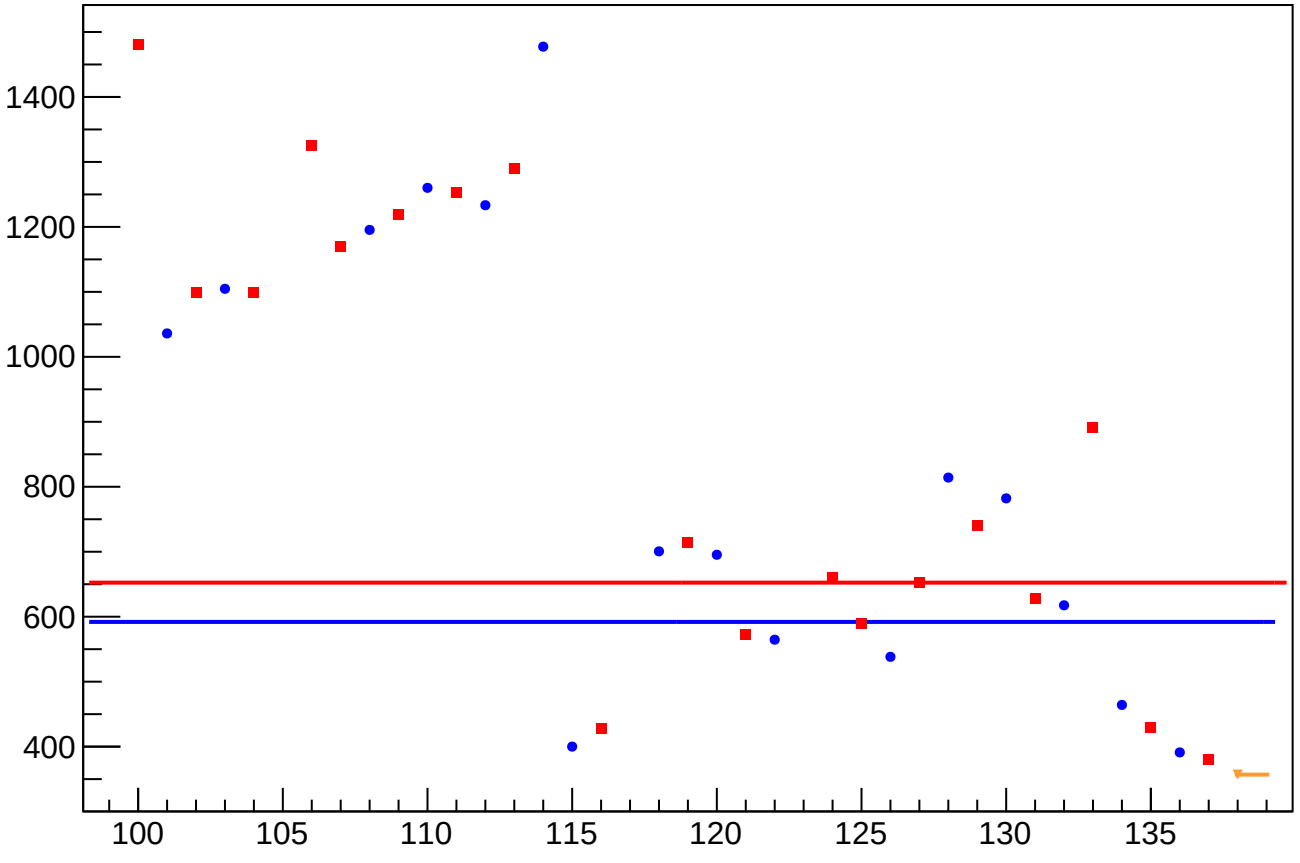
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 451.255+/-206.419 χ^2/NDF: 17.6/16

All: 398.849+/-161.239 χ^2/NDF: 28.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 591.974+/-0.169 χ^2/NDF: 2035700.6/15

Left Out: 356.944+/-0.290 χ^2/NDF:0.0/0

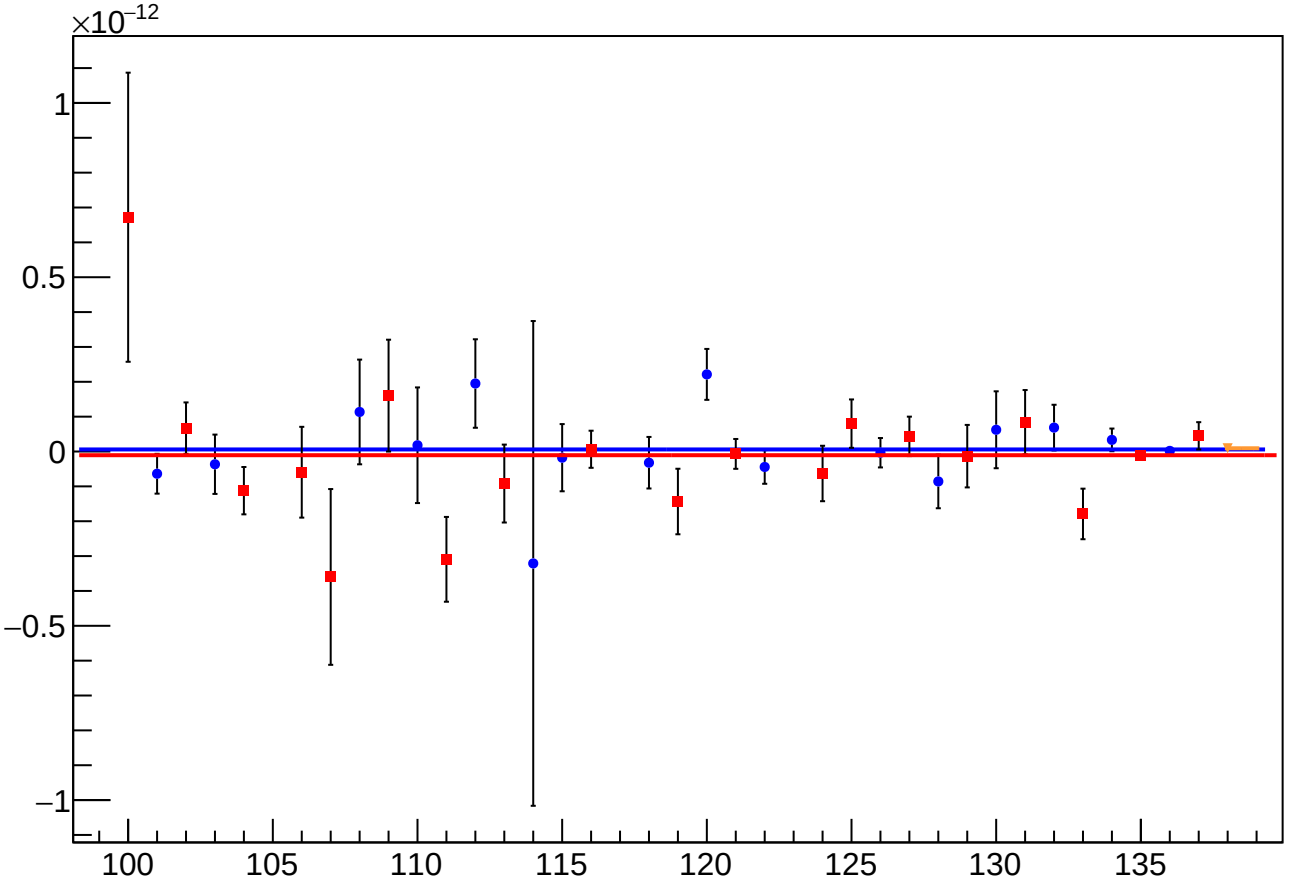
Right Out: 652.459+/-0.183 χ^2/NDF: 2089983.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 532.378+/-0.146 χ^2/NDF: 2526452.5/16

All: 579.191+/-0.114 χ^2/NDF: 4880295.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

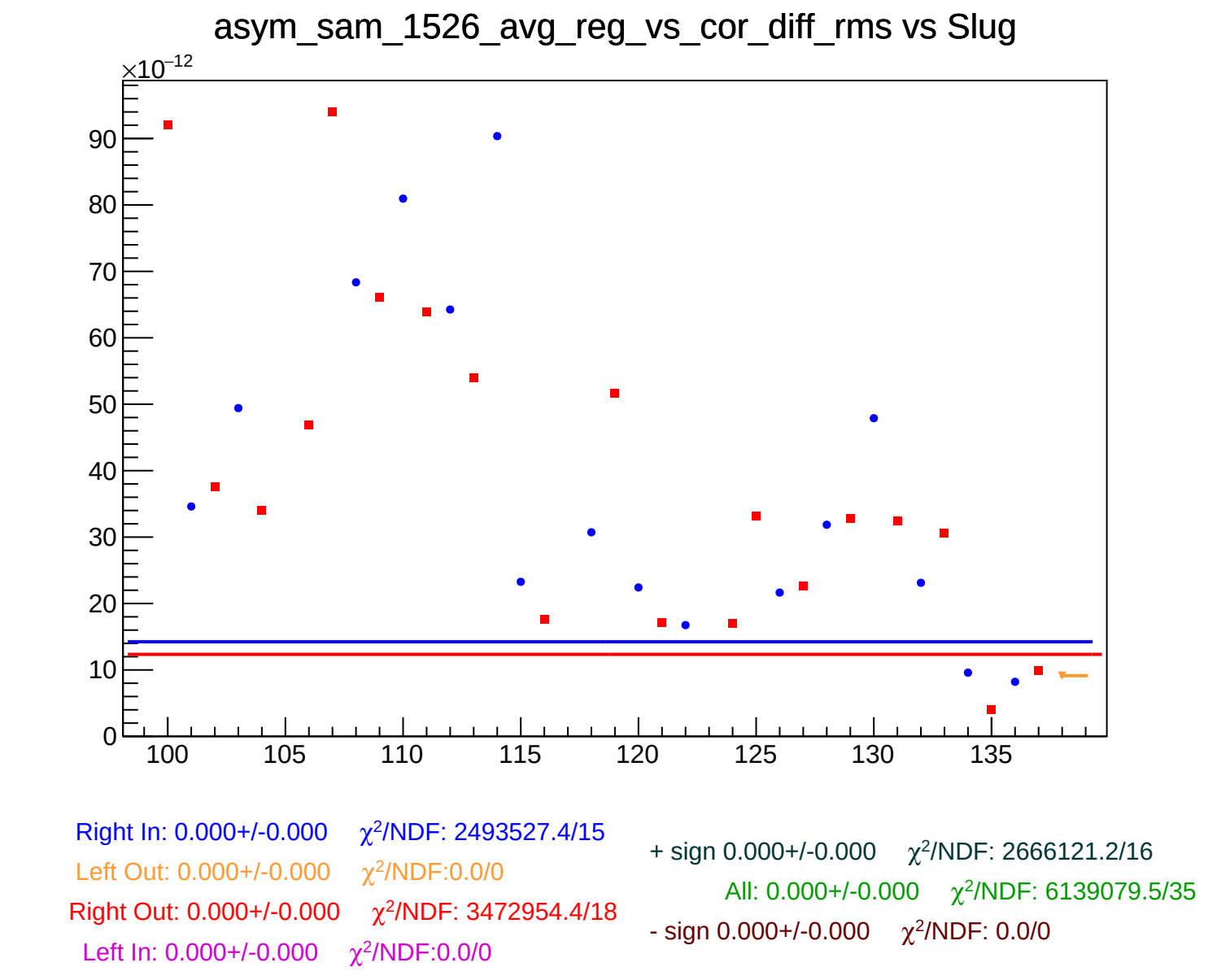
Right Out: -0.000+/-0.000 χ^2/NDF: 29.5/18

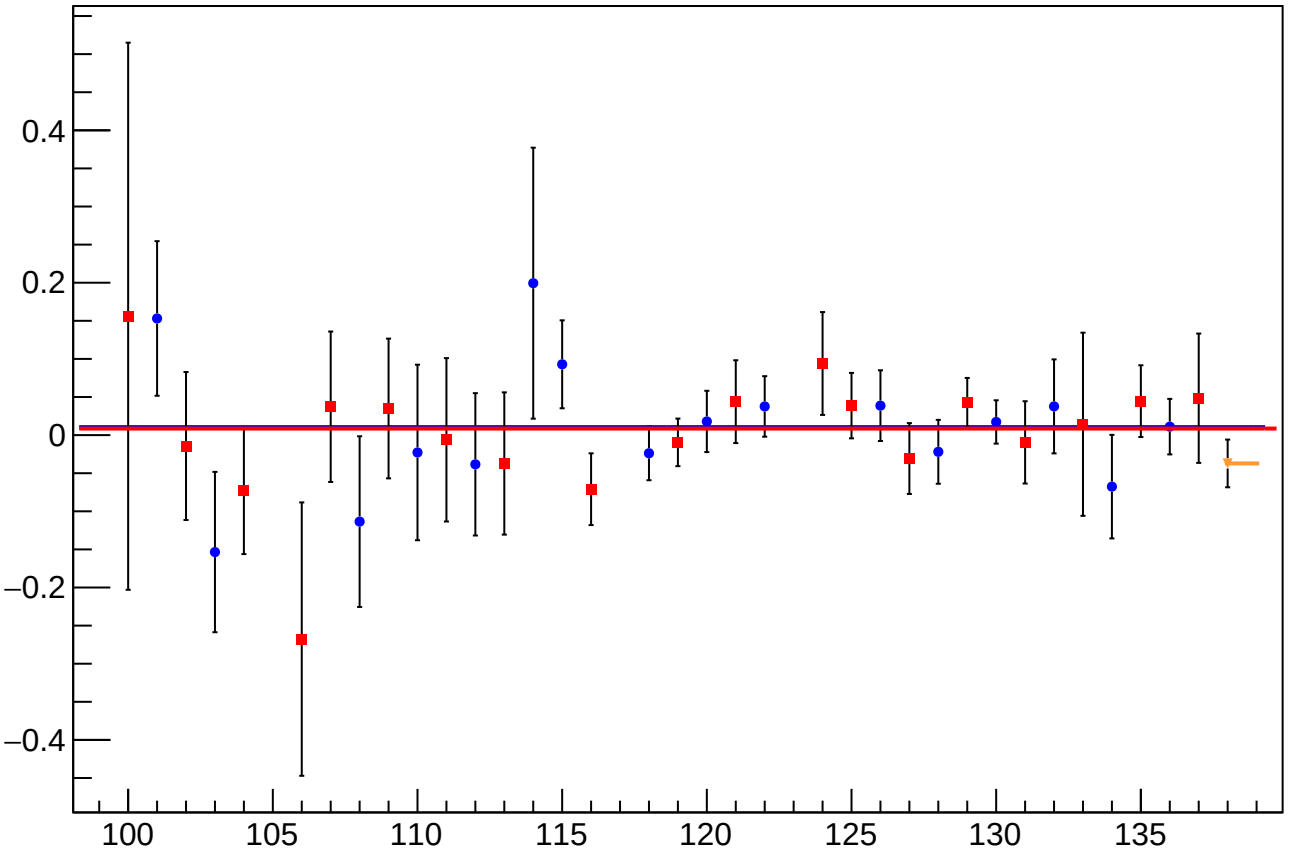
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.3/16

All: 0.000+/-0.000 χ^2/NDF: 49.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug
×10^−12
90
80
70
60
50
40
30
20
10
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2493527.4/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 3472954.4/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2666121.2/16
All: 0.000+/-0.000 χ²/NDF: 6139079.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.010+/-0.013 χ^2/NDF: 13.1/15

Left Out: -0.037+/-0.031 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.013 χ^2/NDF: 12.4/18

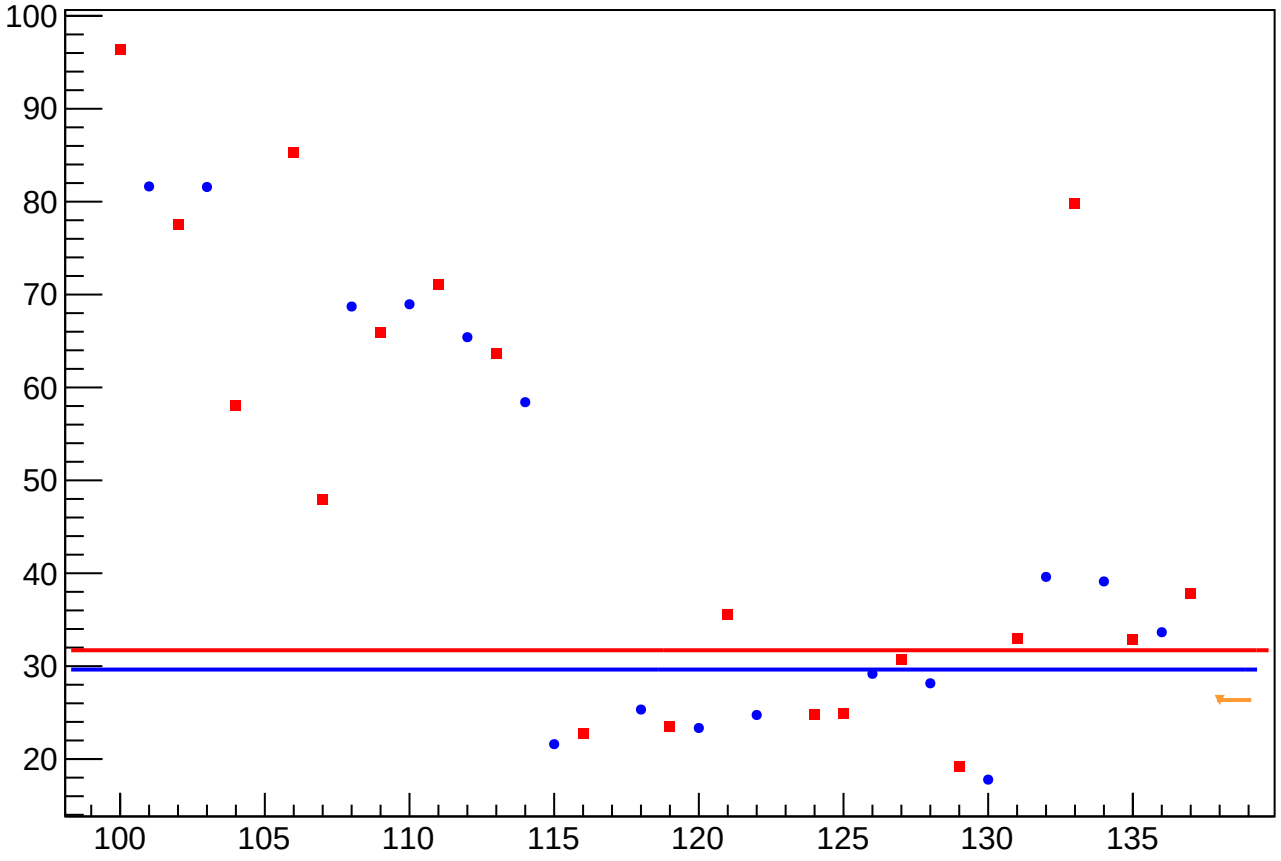
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.012 χ^2/NDF: 15.1/16

All: 0.006+/-0.009 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 29.635+/-0.009 χ^2/NDF: 2448468.0/15

Left Out: 26.359+/-0.022 χ^2/NDF:0.0/0

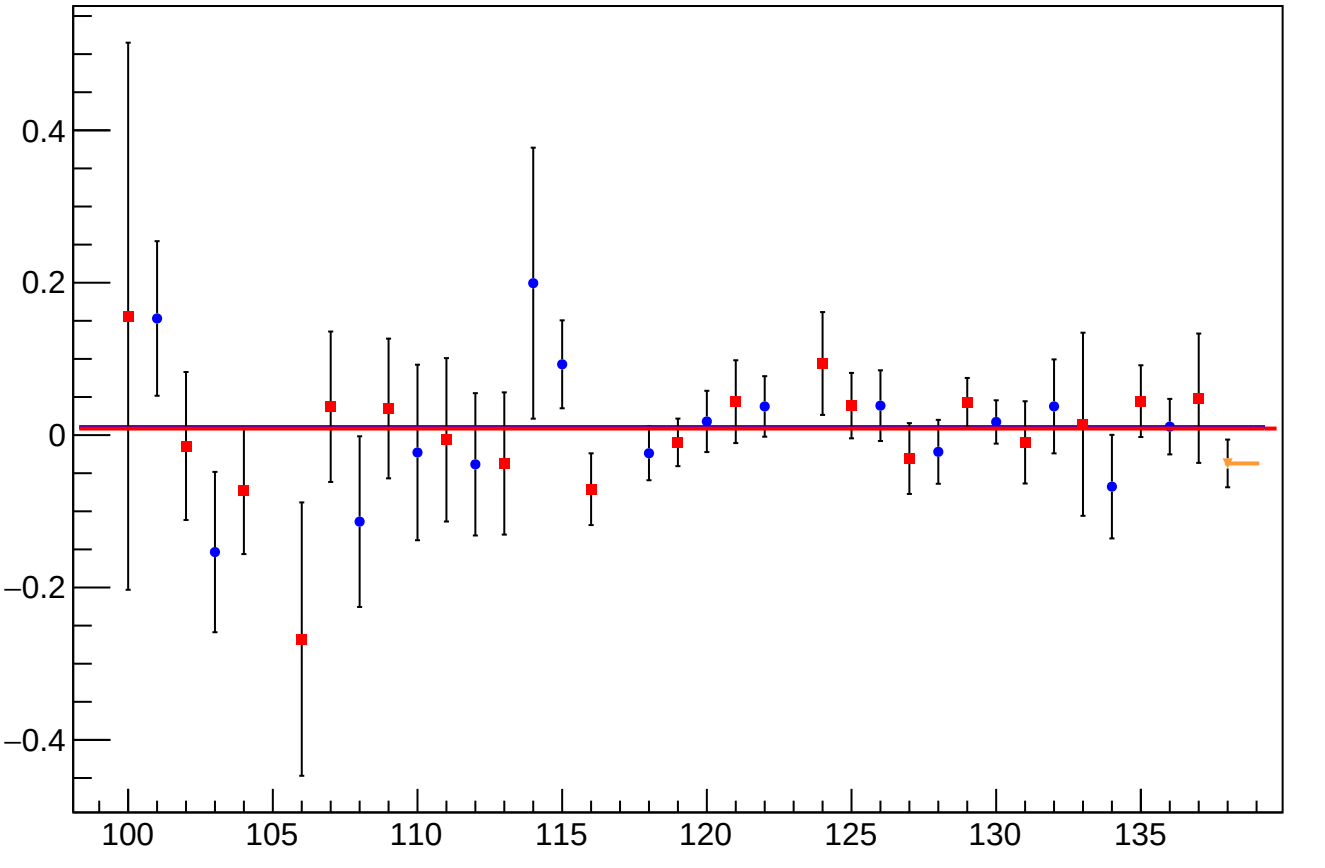
Right Out: 31.712+/-0.009 χ^2/NDF: 2651470.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.181+/-0.008 χ^2/NDF: 2467335.5/16

All: 30.286+/-0.006 χ^2/NDF: 5160005.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.010+/-0.013 χ^2/NDF: 13.1/15

Left Out: -0.037+/-0.031 χ^2/NDF:0.0/0

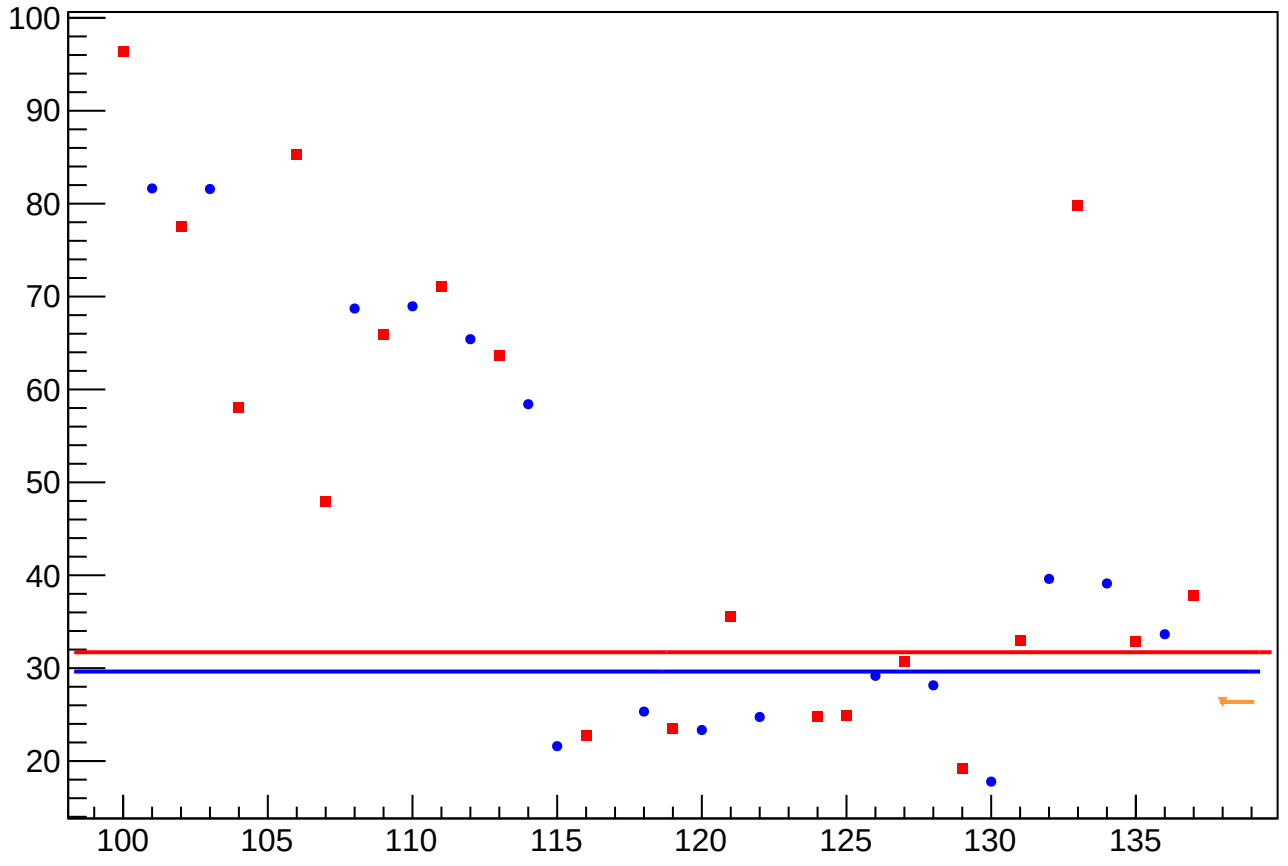
Right Out: 0.009+/-0.013 χ^2/NDF: 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.012 χ^2/NDF: 15.1/16

All: 0.006+/-0.009 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.635+/-0.009 χ^2/NDF: 2448468.0/15

Left Out: 26.359+/-0.022 χ^2/NDF:0.0/0

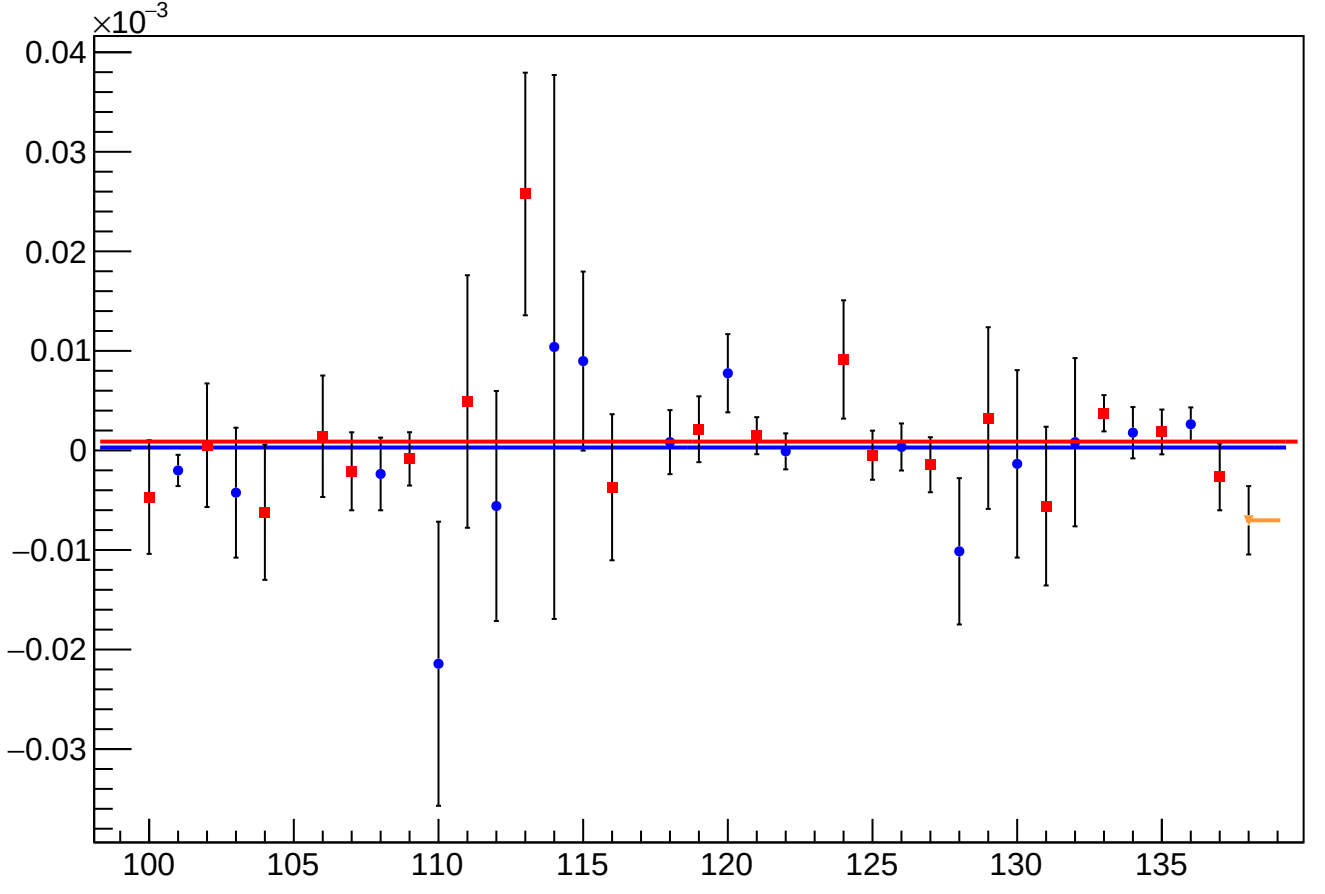
Right Out: 31.712+/-0.009 χ^2/NDF: 2651470.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.181+/-0.008 χ^2/NDF: 2467335.5/16

All: 30.286+/-0.006 χ^2/NDF: 5160005.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.8/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

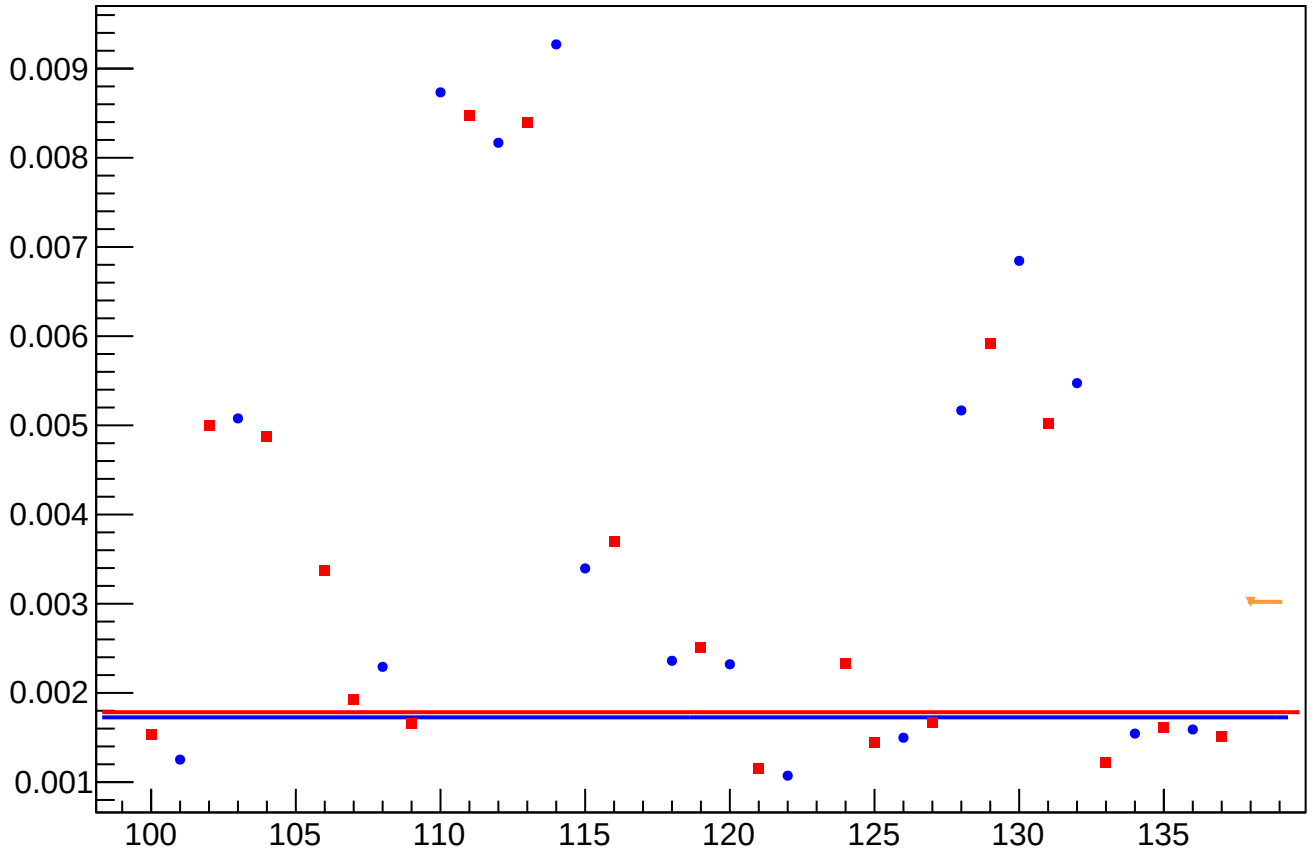
Right Out: 0.000+/-0.000 χ^2/NDF: 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 19.1/16

All: 0.000+/-0.000 χ^2/NDF: 35.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 3932244.6/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

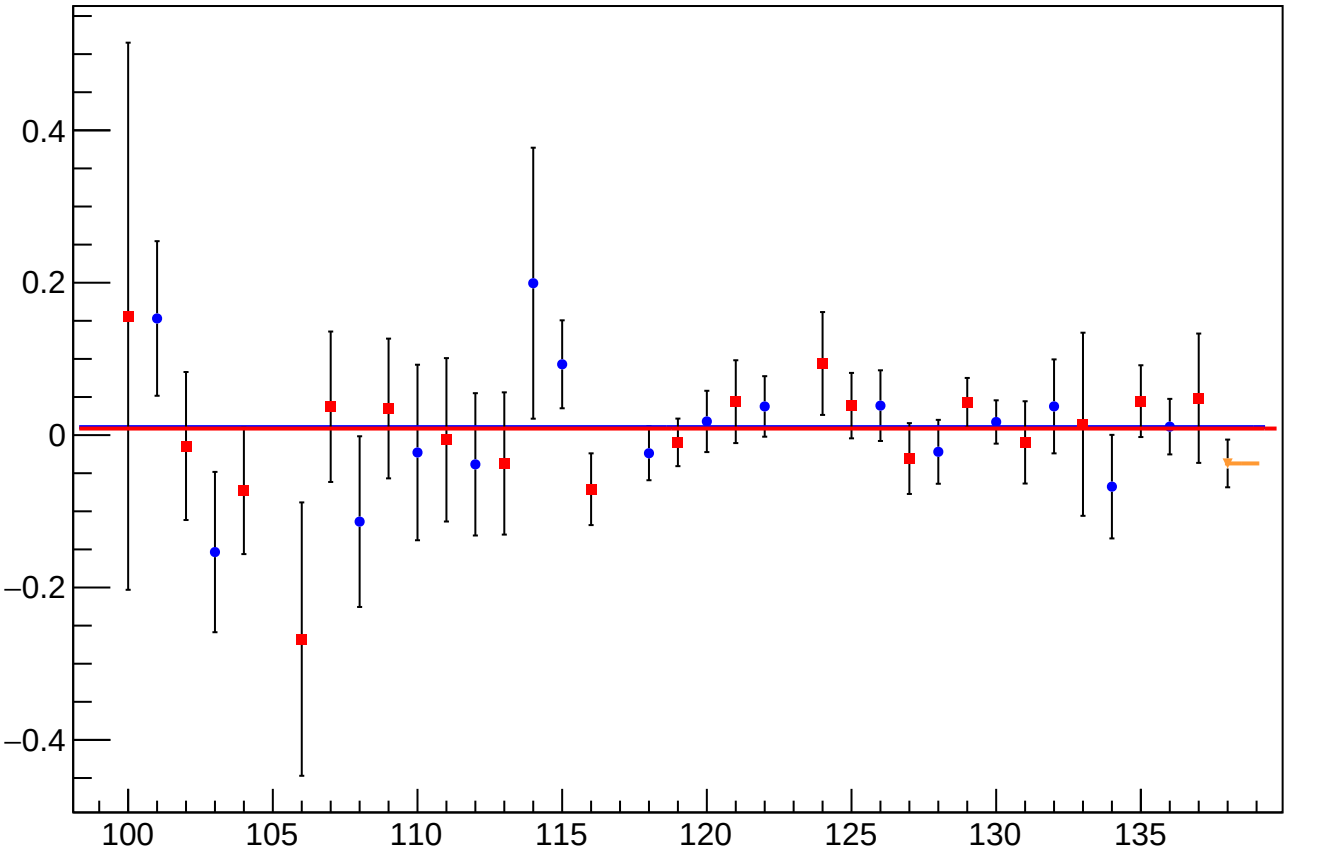
Right Out: 0.002+/-0.000 χ^2/NDF: 3718778.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 4203175.0/16

All: 0.002+/-0.000 χ^2/NDF: 7921969.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.010+/-0.013 χ^2/NDF: 13.1/15

Left Out: -0.037+/-0.031 χ^2/NDF:0.0/0

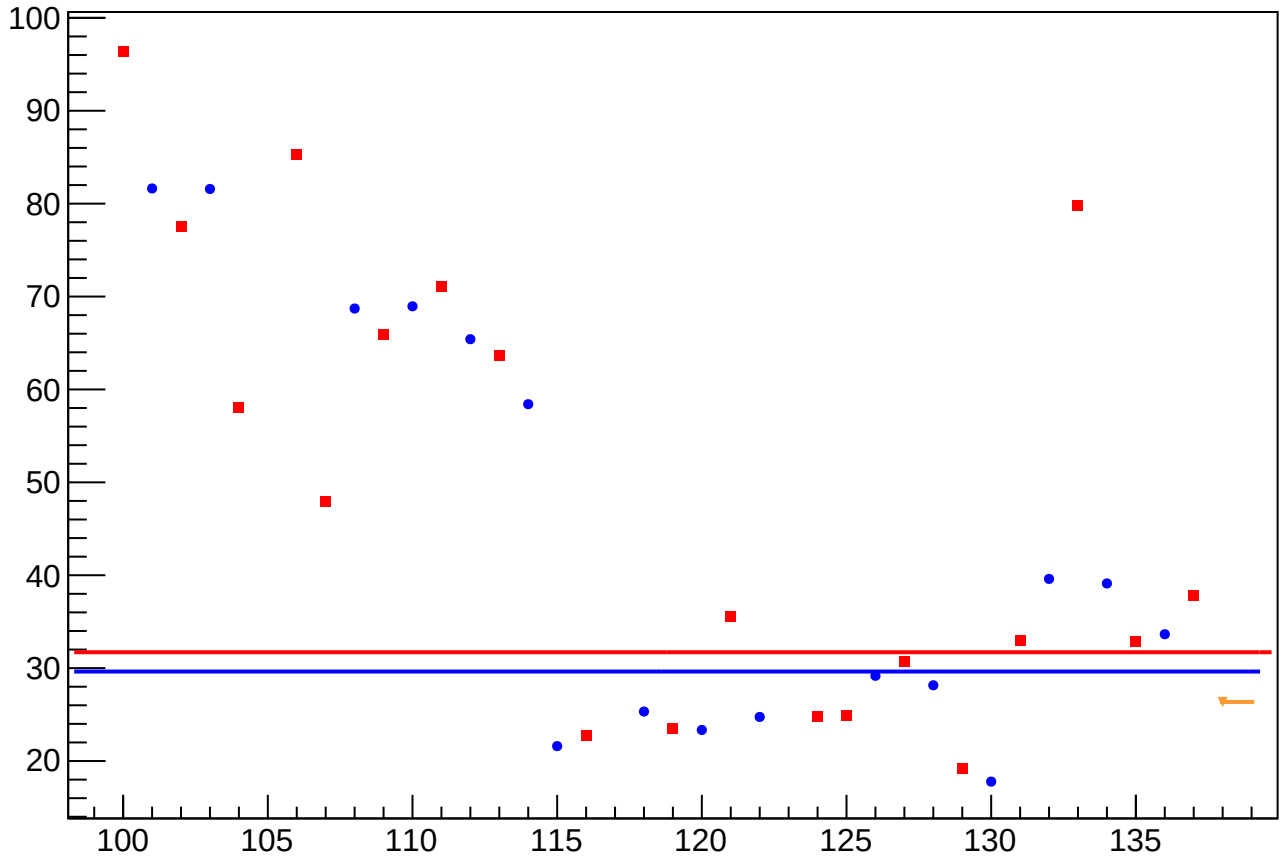
Right Out: 0.009+/-0.013 χ^2/NDF: 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.012 χ^2/NDF: 15.1/16

All: 0.006+/-0.009 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.633+/-0.009 χ^2/NDF: 2448670.6/15

Left Out: 26.359+/-0.022 χ^2/NDF:0.0/0

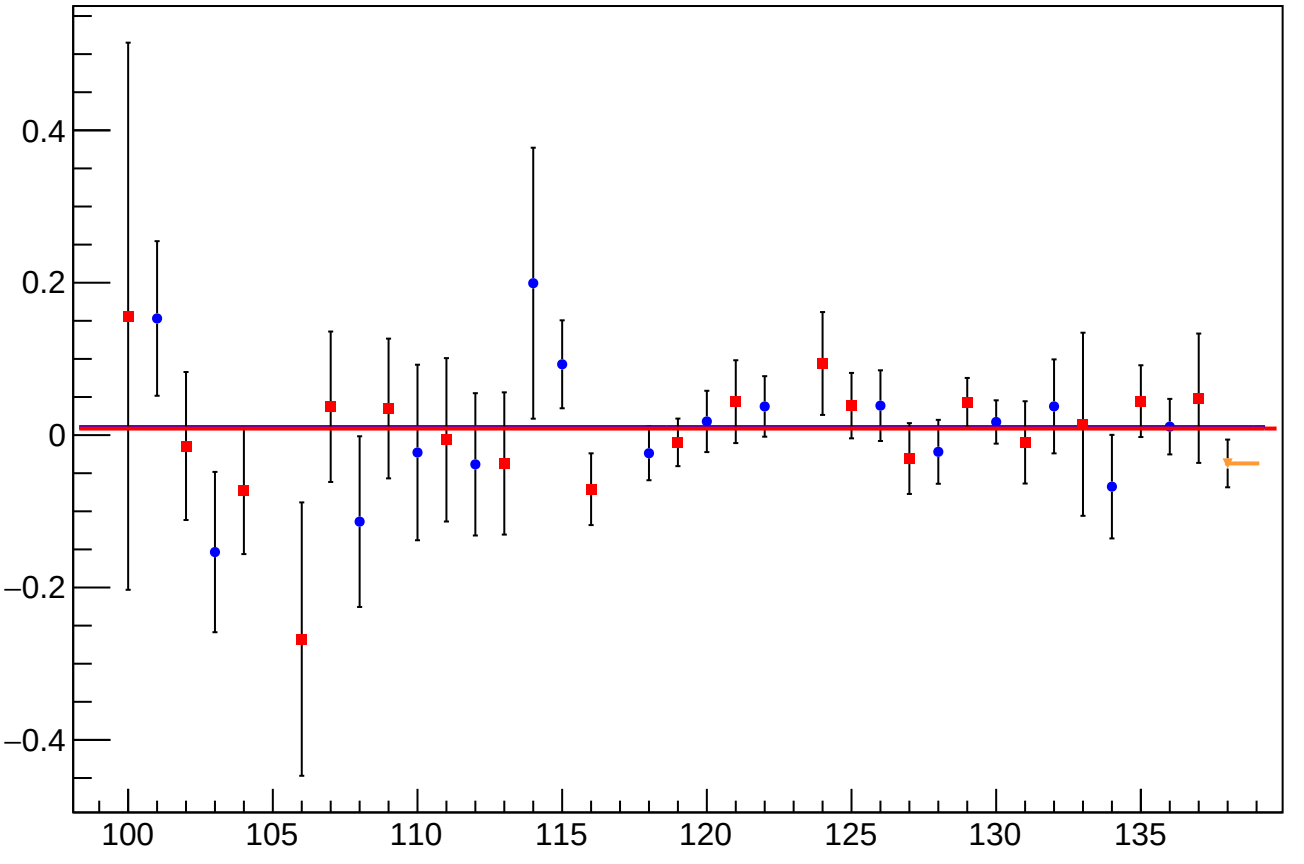
Right Out: 31.711+/-0.009 χ^2/NDF: 2651638.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.179+/-0.008 χ^2/NDF: 2467524.6/16

All: 30.285+/-0.006 χ^2/NDF: 5160358.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.010+/-0.013 χ^2/NDF: 13.1/15

Left Out: -0.037+/-0.031 χ^2/NDF:0.0/0

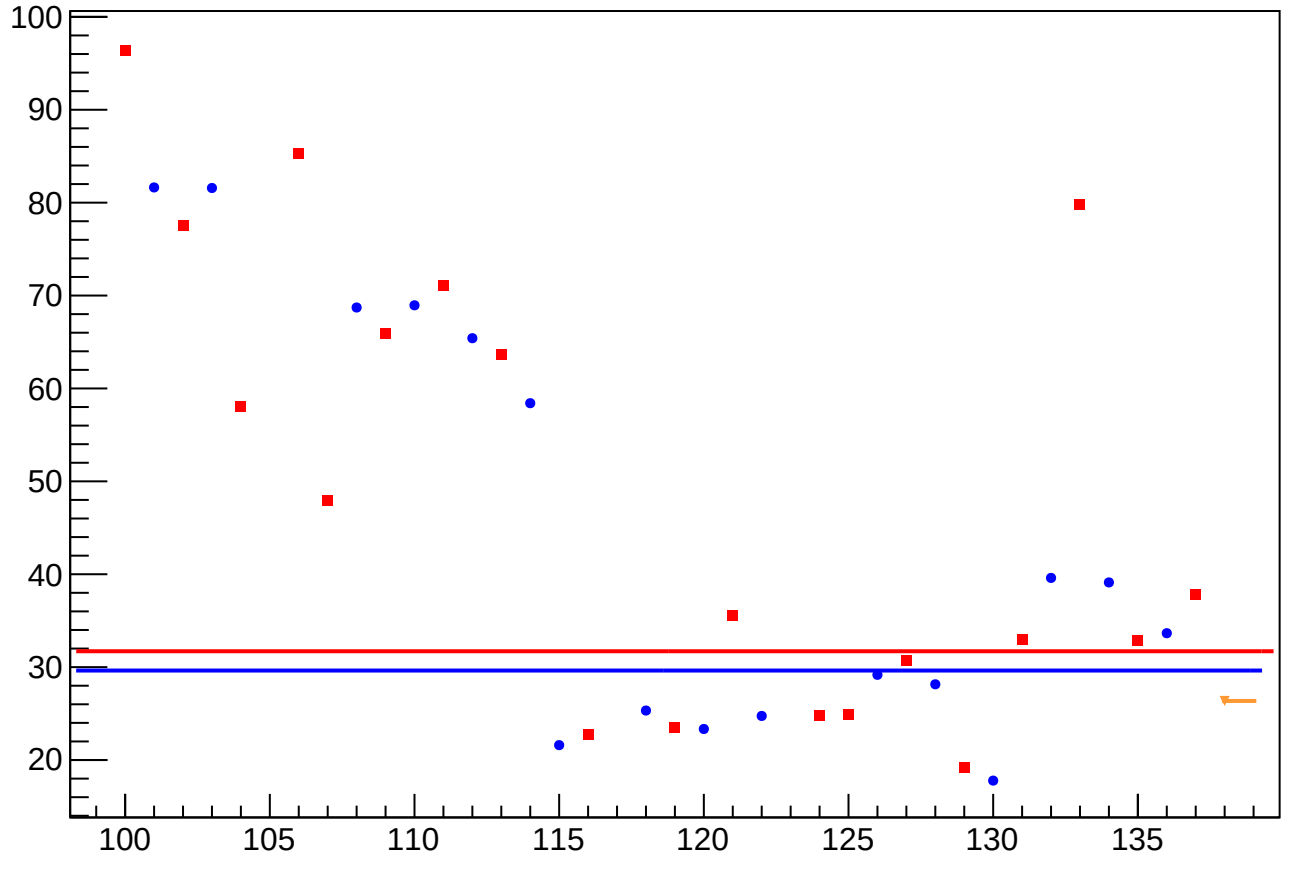
Right Out: 0.009+/-0.013 χ^2/NDF: 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.012 χ^2/NDF: 15.1/16

All: 0.006+/-0.009 χ^2/NDF: 27.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.633+/-0.009 χ^2/NDF: 2448670.6/15

Left Out: 26.359+/-0.022 χ^2/NDF:0.0/0

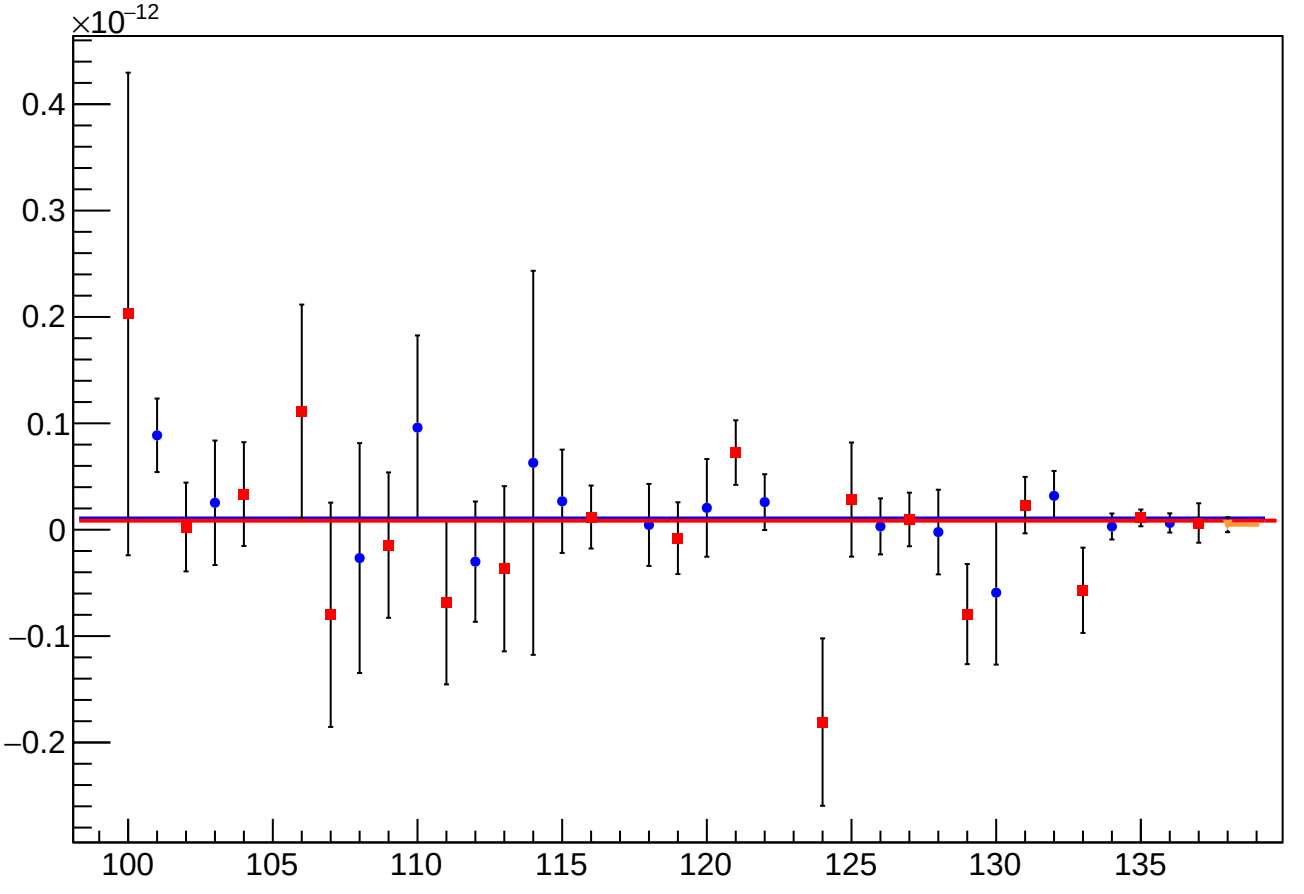
Right Out: 31.711+/-0.009 χ^2/NDF: 2651638.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.179+/-0.008 χ^2/NDF: 2467524.6/16

All: 30.285+/-0.006 χ^2/NDF: 5160358.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

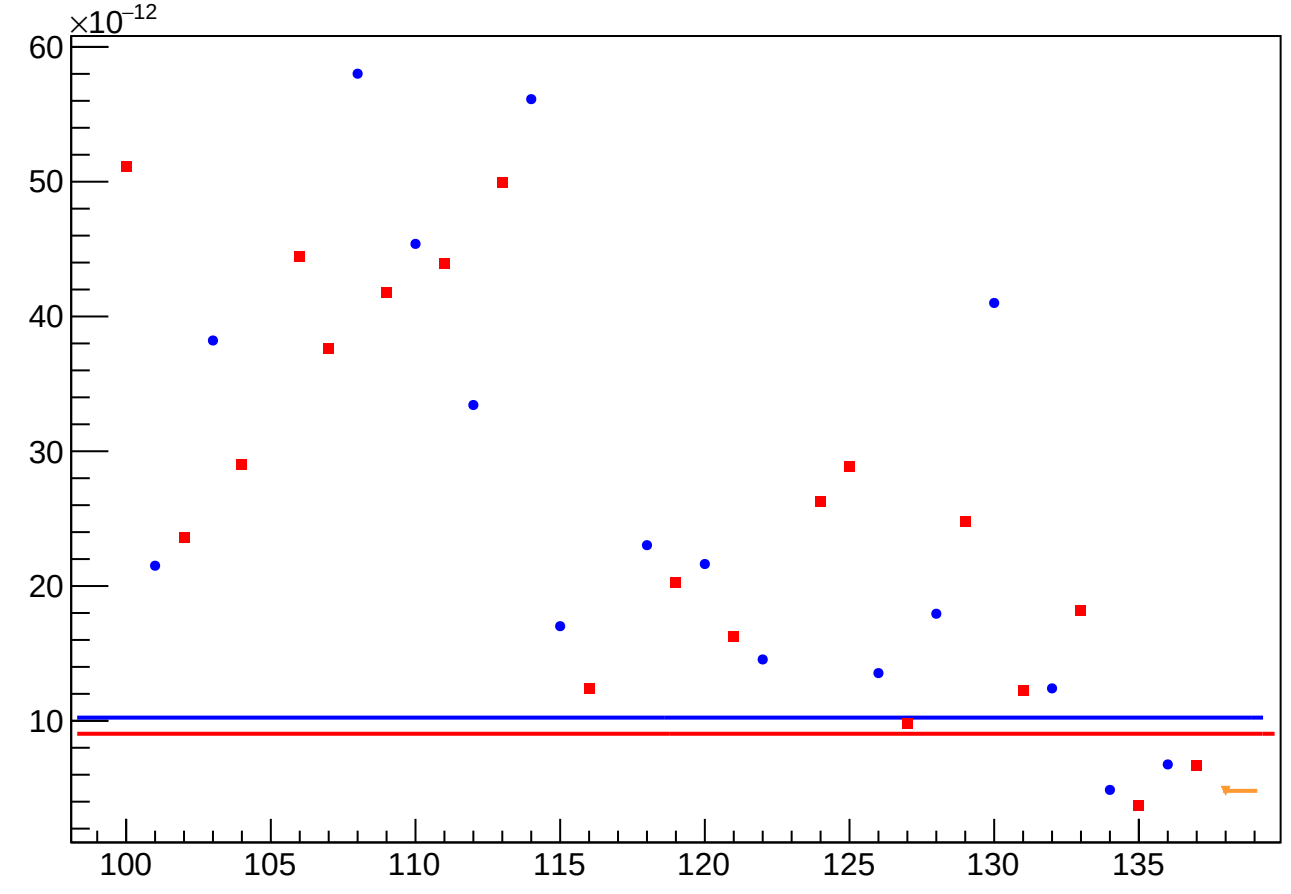
Right Out: 0.000+/-0.000 χ^2/NDF: 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 10.5/16

All: 0.000+/-0.000 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3511693.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4514368.5/18

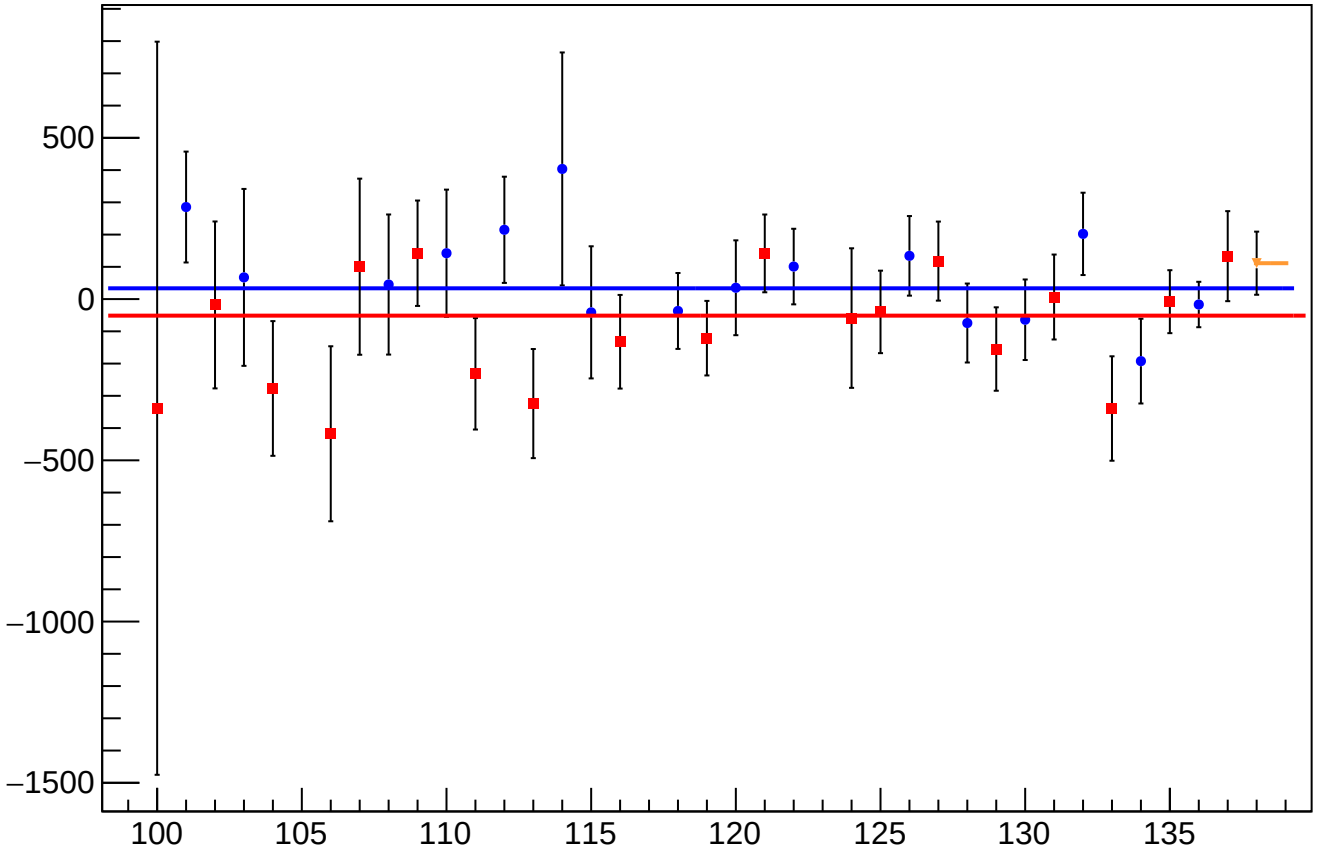
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4206418.7/16

All: 0.000+/-0.000 χ^2/NDF: 8764091.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 33.431+/-33.881 χ^2/NDF: 12.8/15

Left Out: 111.285+/-97.865 χ^2/NDF:0.0/0

Right Out: -51.335+/-34.851 χ^2/NDF: 19.6/18

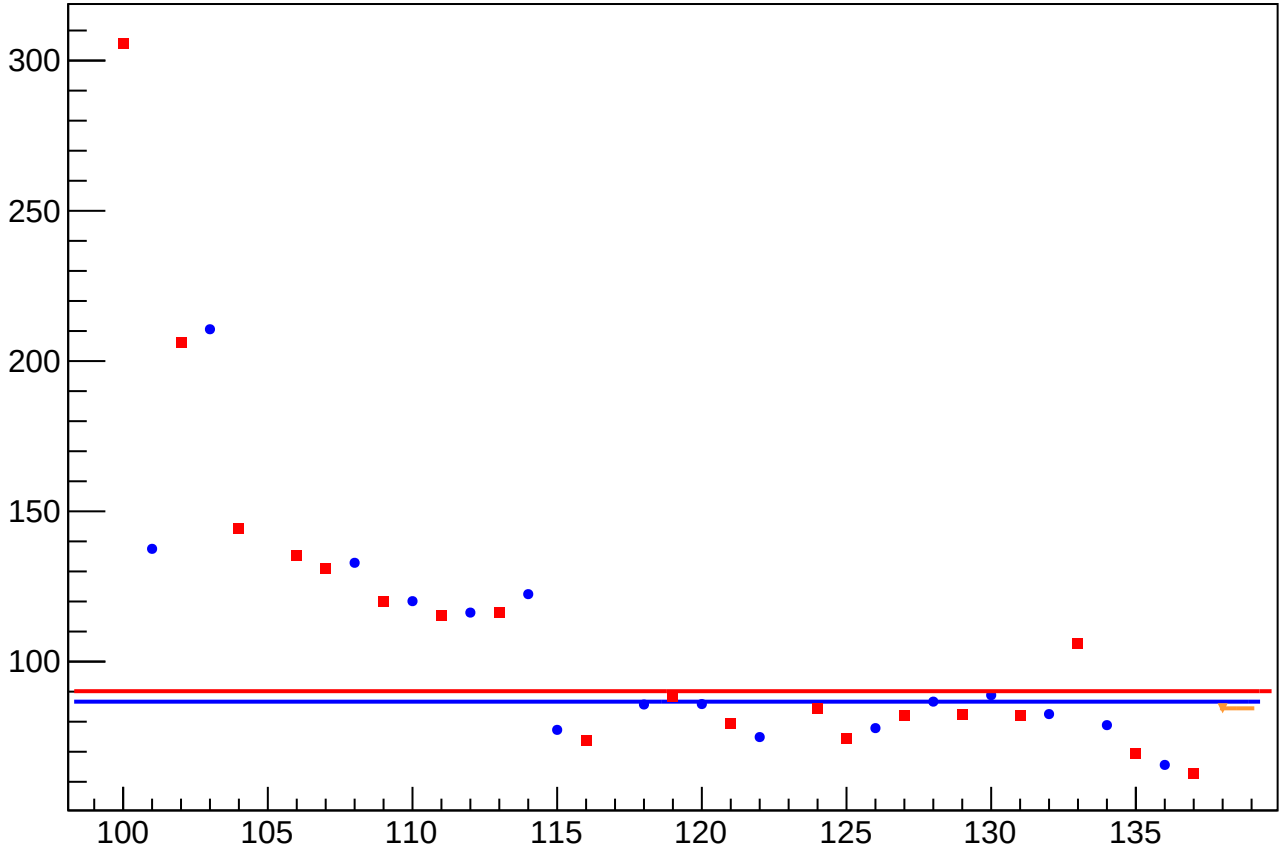
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.763+/-32.016 χ^2/NDF: 13.4/16

All: -0.847+/-23.577 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 86.666+/-0.024 χ^2/NDF: 1038813.4/15

Left Out: 84.448+/-0.069 χ^2/NDF:0.0/0

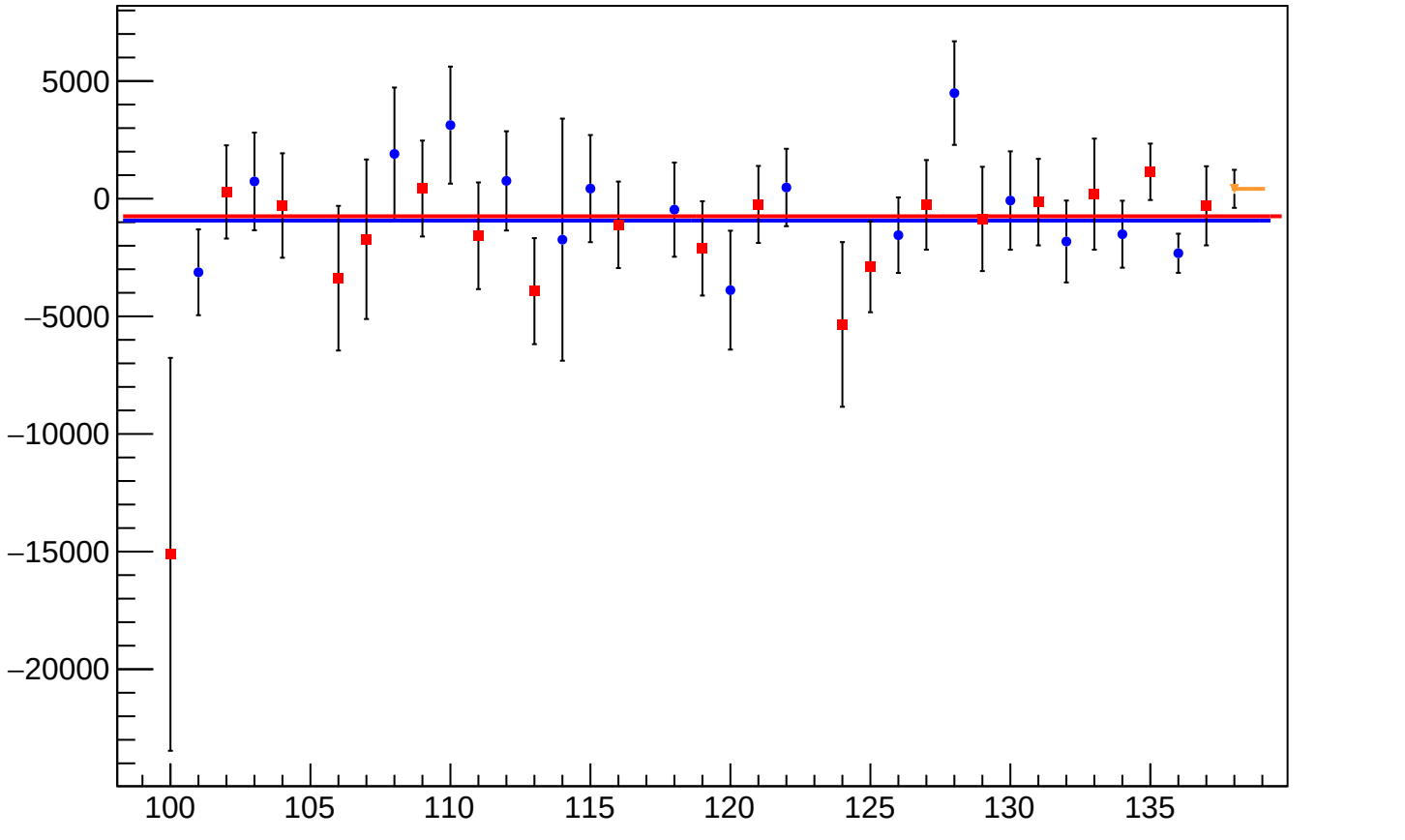
Right Out: 90.153+/-0.025 χ^2/NDF: 1149976.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 86.429+/-0.023 χ^2/NDF: 1039730.9/16

All: 88.133+/-0.017 χ^2/NDF: 2202093.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -929.821+/-440.893 χ^2/NDF: 18.5/15

Left Out: 418.764+/-808.774 χ^2/NDF:0.0/0

Right Out: -747.199+/-467.902 χ^2/NDF: 13.0/18

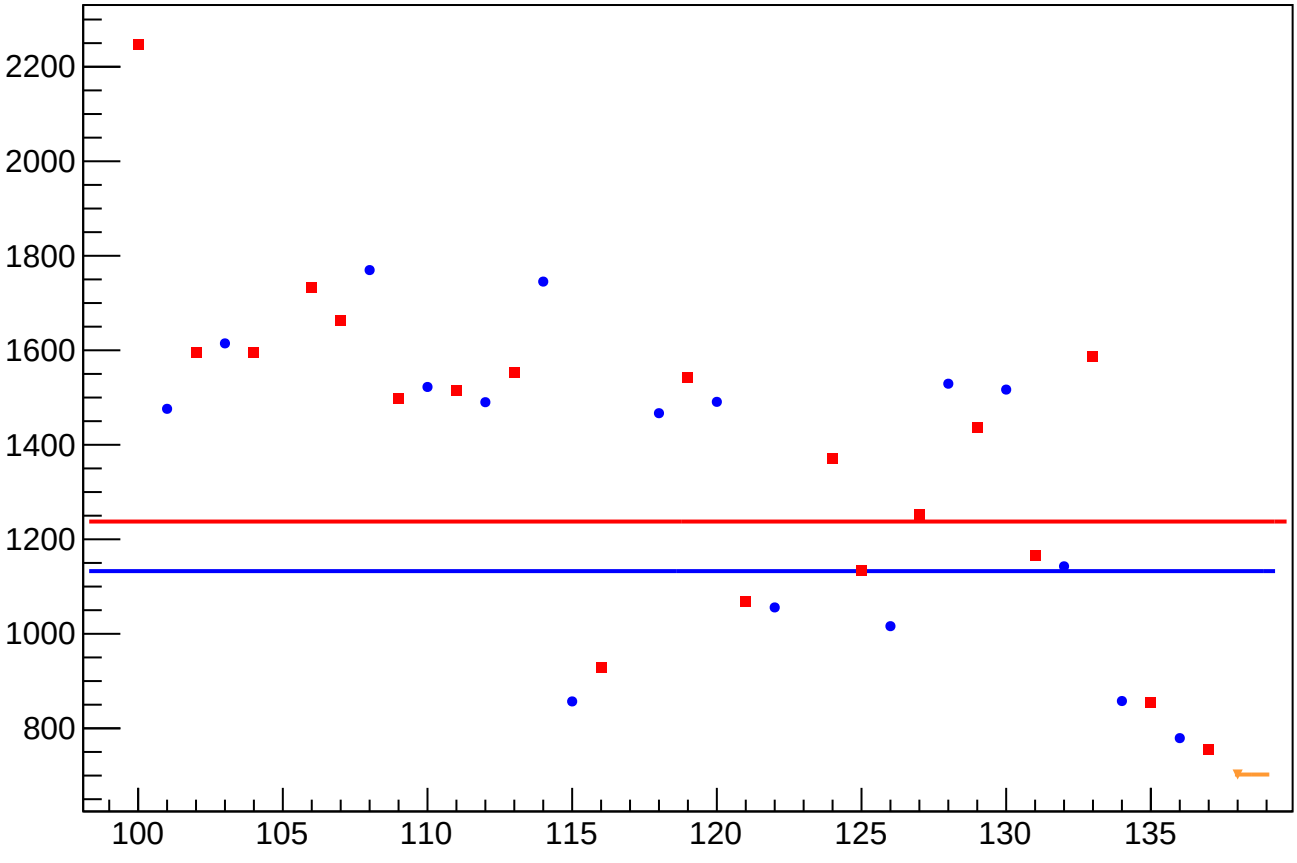
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -620.868+/-387.110 χ^2/NDF: 20.7/16

All: -672.202+/-298.265 χ^2/NDF: 33.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1132.688+/-0.312 χ^2/NDF: 1124151.1/15

Left Out: 702.221+/-0.572 χ^2/NDF:0.0/0

Right Out: 1237.591+/-0.331 χ^2/NDF: 895314.3/18

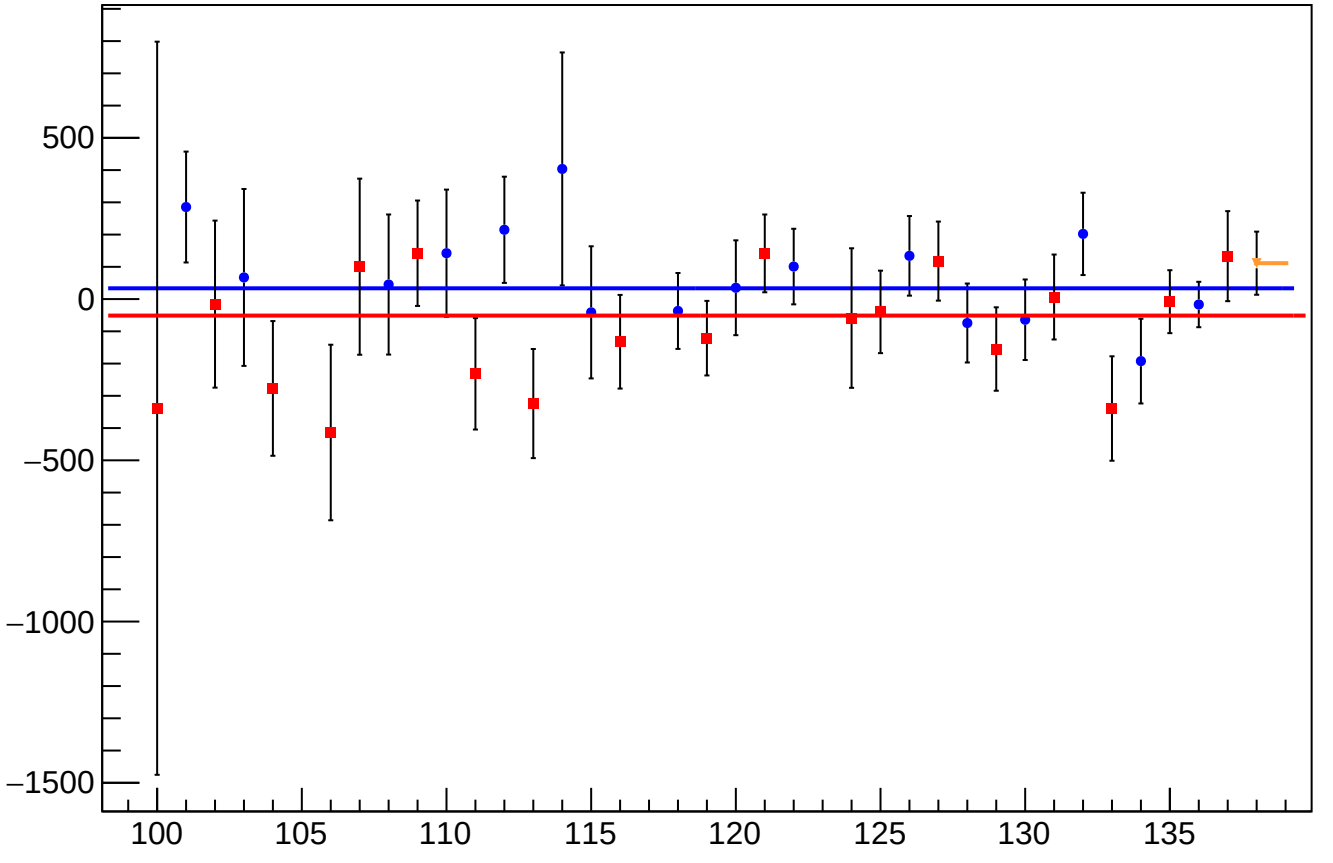
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1034.070+/-0.274 χ^2/NDF: 1560925.7/16

All: 1116.770+/-0.211 χ^2/NDF: 2680872.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 33.422+/-33.881 χ^2/NDF: 12.8/15

Left Out: 111.284+/-97.865 χ^2/NDF:0.0/0

Right Out: -51.188+/-34.853 χ^2/NDF: 19.5/18

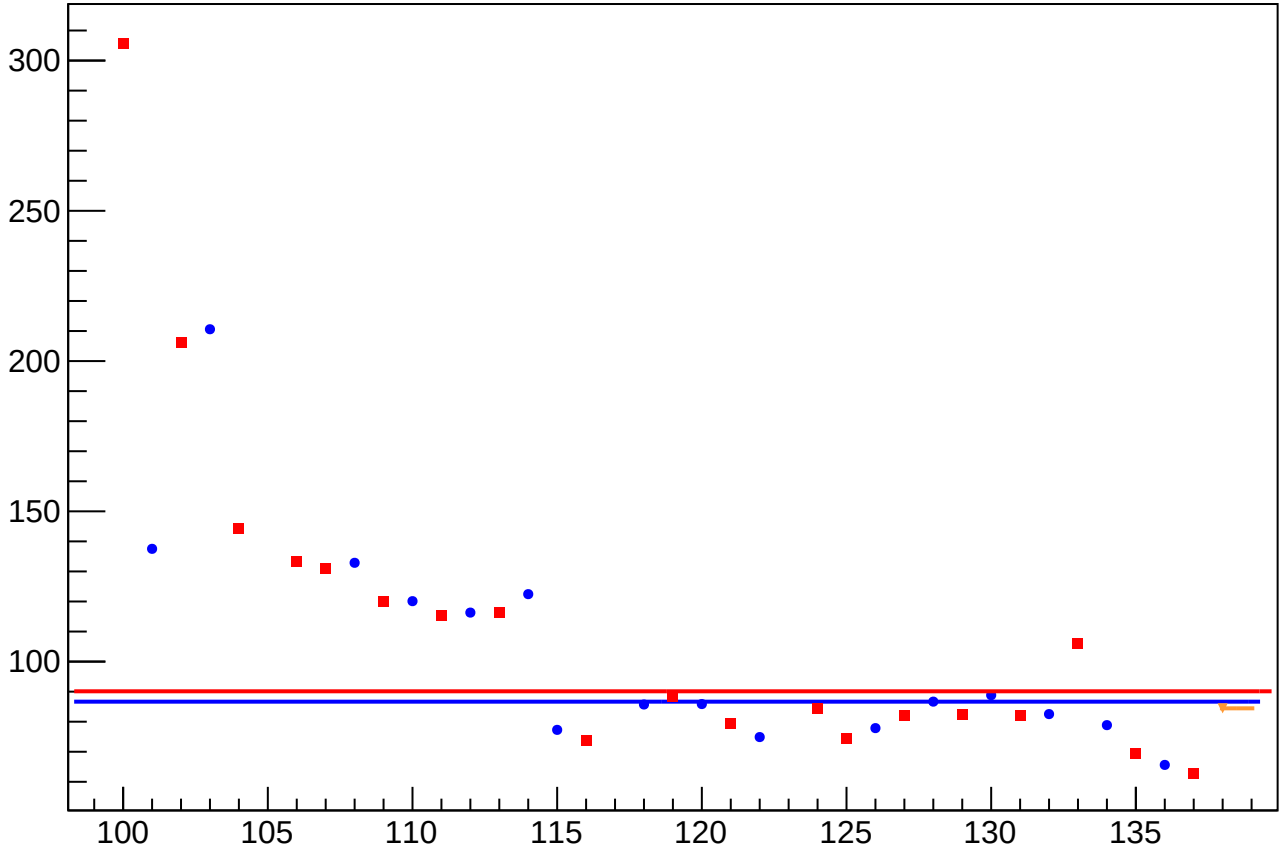
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.755+/-32.016 χ^2/NDF: 13.4/16

All: -0.780+/-23.578 χ^2/NDF: 36.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 86.666+/-0.024 χ^2/NDF: 1038816.2/15

Left Out: 84.448+/-0.069 χ^2/NDF:0.0/0

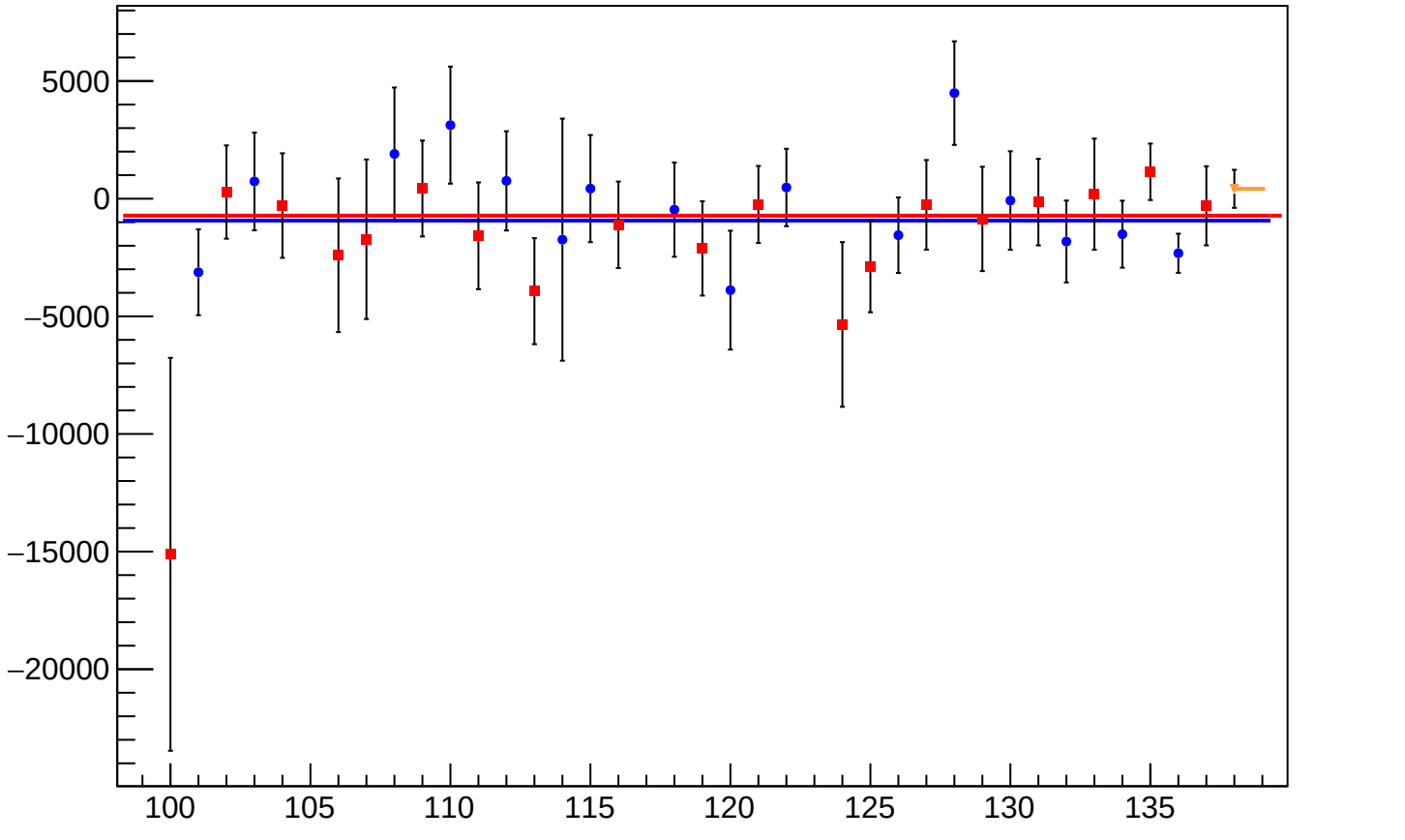
Right Out: 90.116+/-0.025 χ^2/NDF: 1145283.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 86.429+/-0.023 χ^2/NDF: 1039733.7/16

All: 88.116+/-0.017 χ^2/NDF: 2197156.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -929.788+/-440.894 χ^2/NDF: 18.5/15

Left Out: 418.762+/-808.773 χ^2/NDF:0.0/0

Right Out: -720.600+/-468.540 χ^2/NDF: 12.5/18

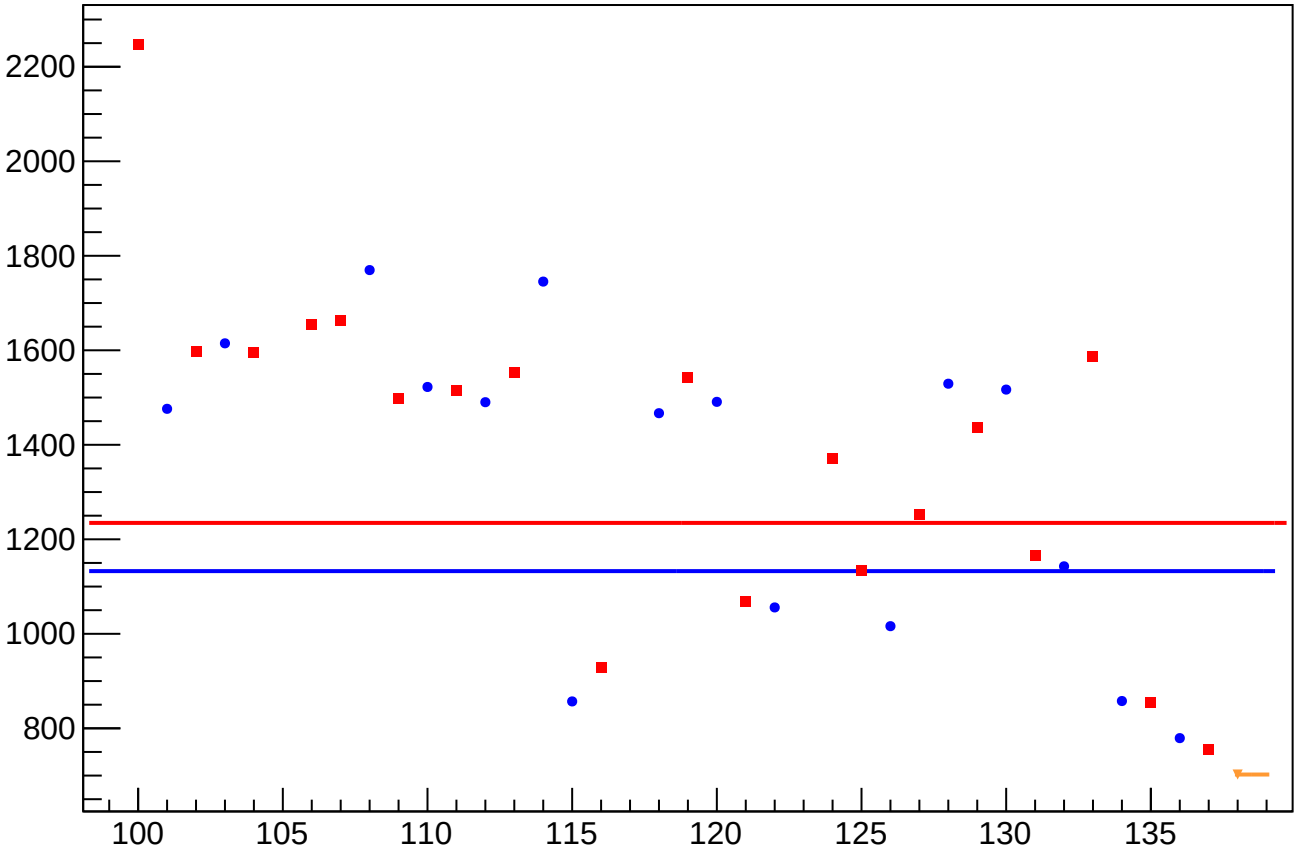
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -620.841+/-387.110 χ^2/NDF: 20.7/16

All: -661.312+/-298.430 χ^2/NDF: 33.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1132.689+/-0.312 χ^2/NDF: 1124187.2/15

Left Out: 702.220+/-0.572 χ^2/NDF:0.0/0

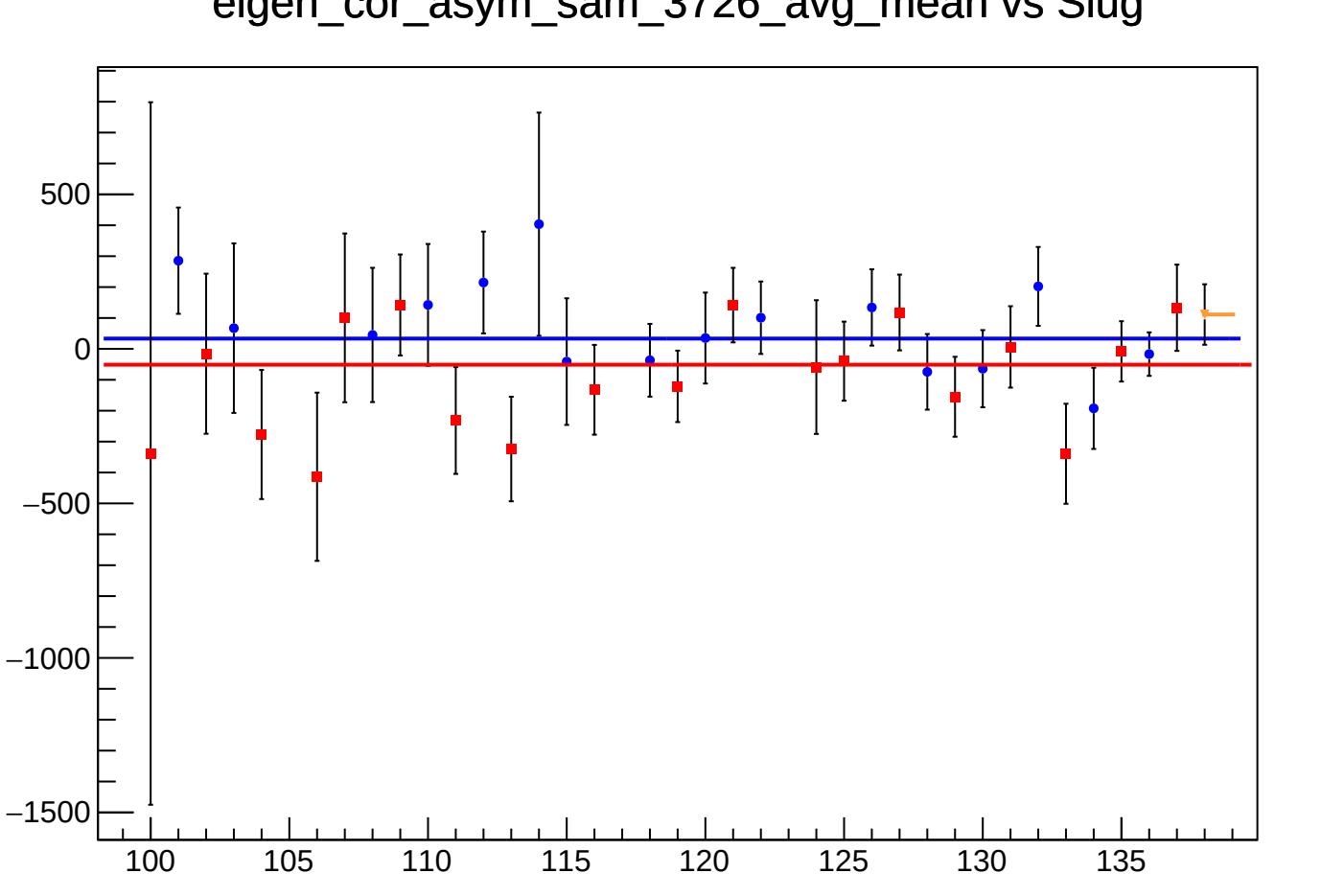
Right Out: 1234.709+/-0.331 χ^2/NDF: 876272.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1034.071+/-0.274 χ^2/NDF: 1560965.6/16

All: 1115.467+/-0.211 χ^2/NDF: 2655198.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 33.422+/-33.881 χ^2/NDF: 12.8/15

Left Out: 111.284+/-97.865 χ^2/NDF:0.0/0

Right Out: -51.188+/-34.853 χ^2/NDF: 19.5/18

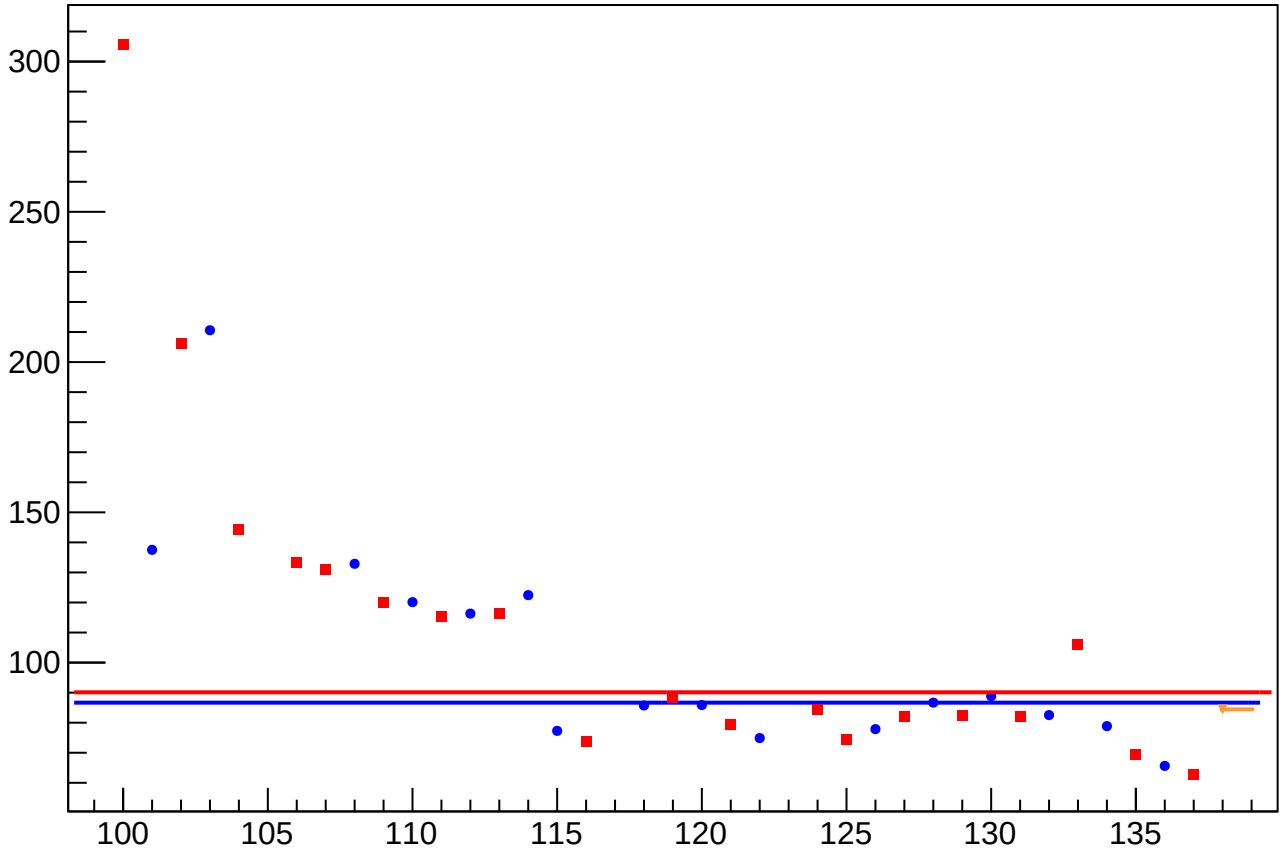
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.755+/-32.016 χ^2/NDF: 13.4/16

All: -0.780+/-23.578 χ^2/NDF: 36.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 86.666+/-0.024 χ^2/NDF: 1038816.2/15

Left Out: 84.448+/-0.069 χ^2/NDF:0.0/0

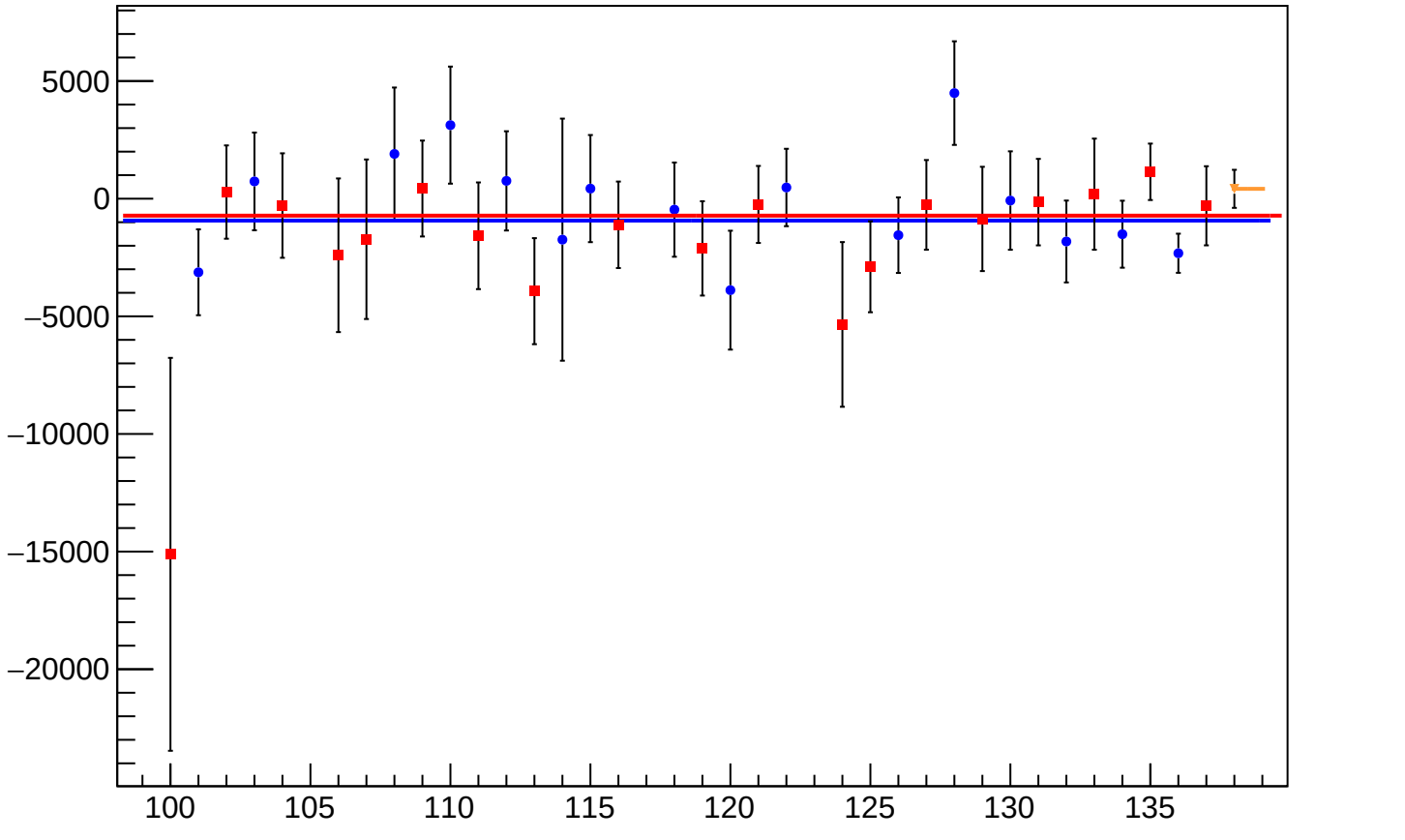
Right Out: 90.116+/-0.025 χ^2/NDF: 1145283.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 86.429+/-0.023 χ^2/NDF: 1039733.7/16

All: 88.116+/-0.017 χ^2/NDF: 2197156.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -929.788+/-440.894 χ^2/NDF: 18.5/15

Left Out: 418.762+/-808.773 χ^2/NDF:0.0/0

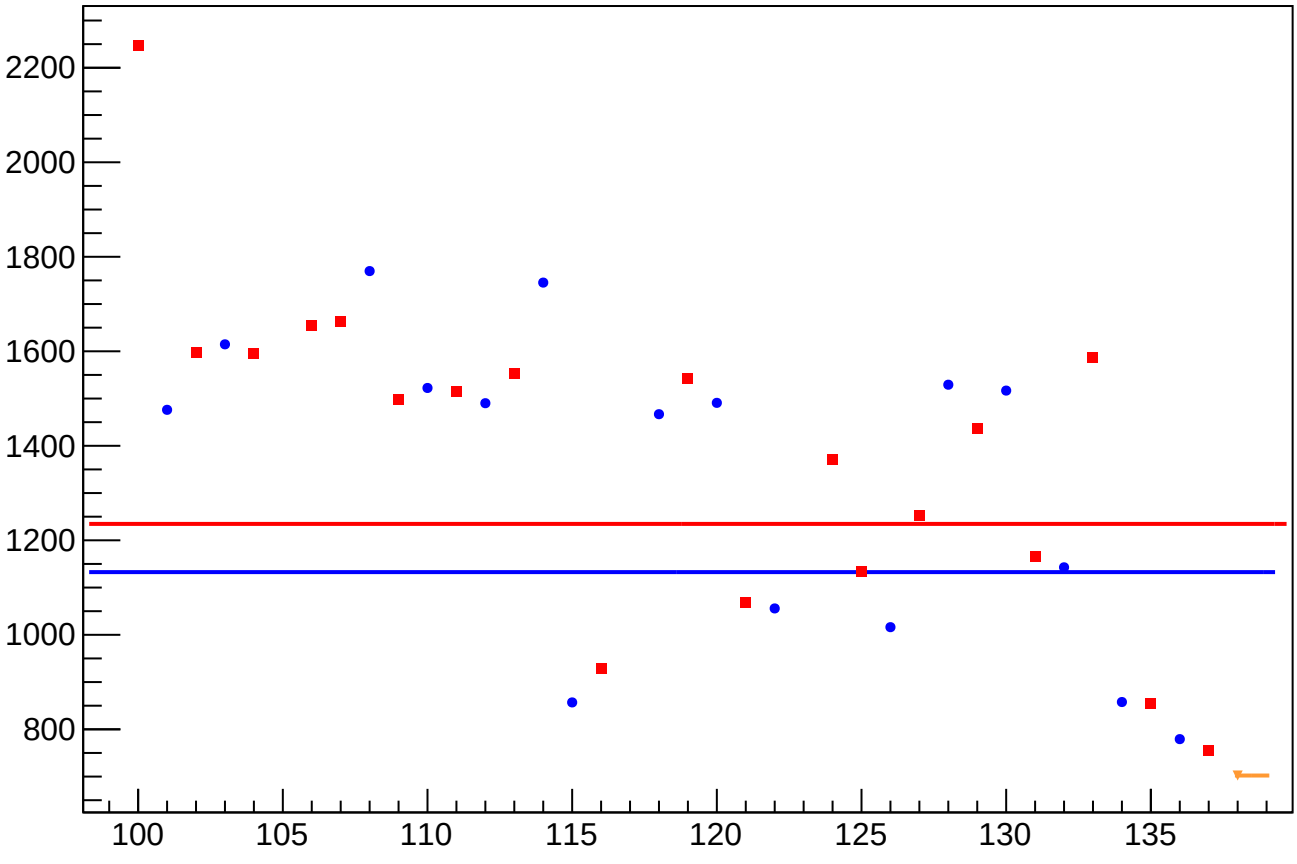
Right Out: -720.600+/-468.540 χ^2/NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -620.841+/-387.110 χ^2/NDF: 20.7/16

All: -661.312+/-298.430 χ^2/NDF: 33.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1132.689+/-0.312 χ^2/NDF: 1124187.2/15

Left Out: 702.220+/-0.572 χ^2/NDF:0.0/0

Right Out: 1234.709+/-0.331 χ^2/NDF: 876272.4/18

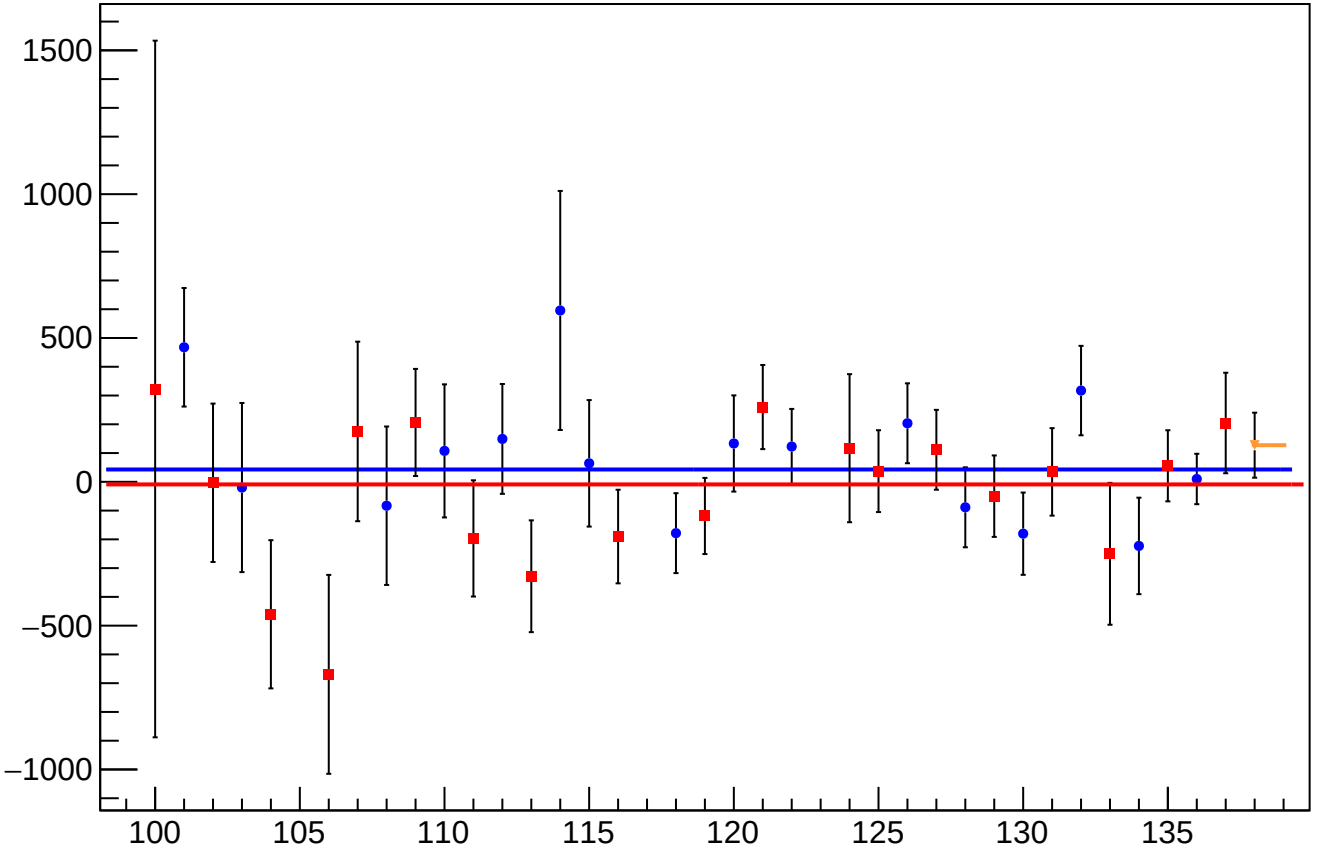
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 1034.071+/-0.274 χ^2/NDF: 1560965.6/16

All: 1115.467+/-0.211 χ^2/NDF: 2655198.4/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 42.914+/-39.948 χ^2/NDF: 20.3/15

Left Out: 127.341+/-112.984 χ^2/NDF:0.0/0

Right Out: -8.989+/-41.060 χ^2/NDF: 21.3/18

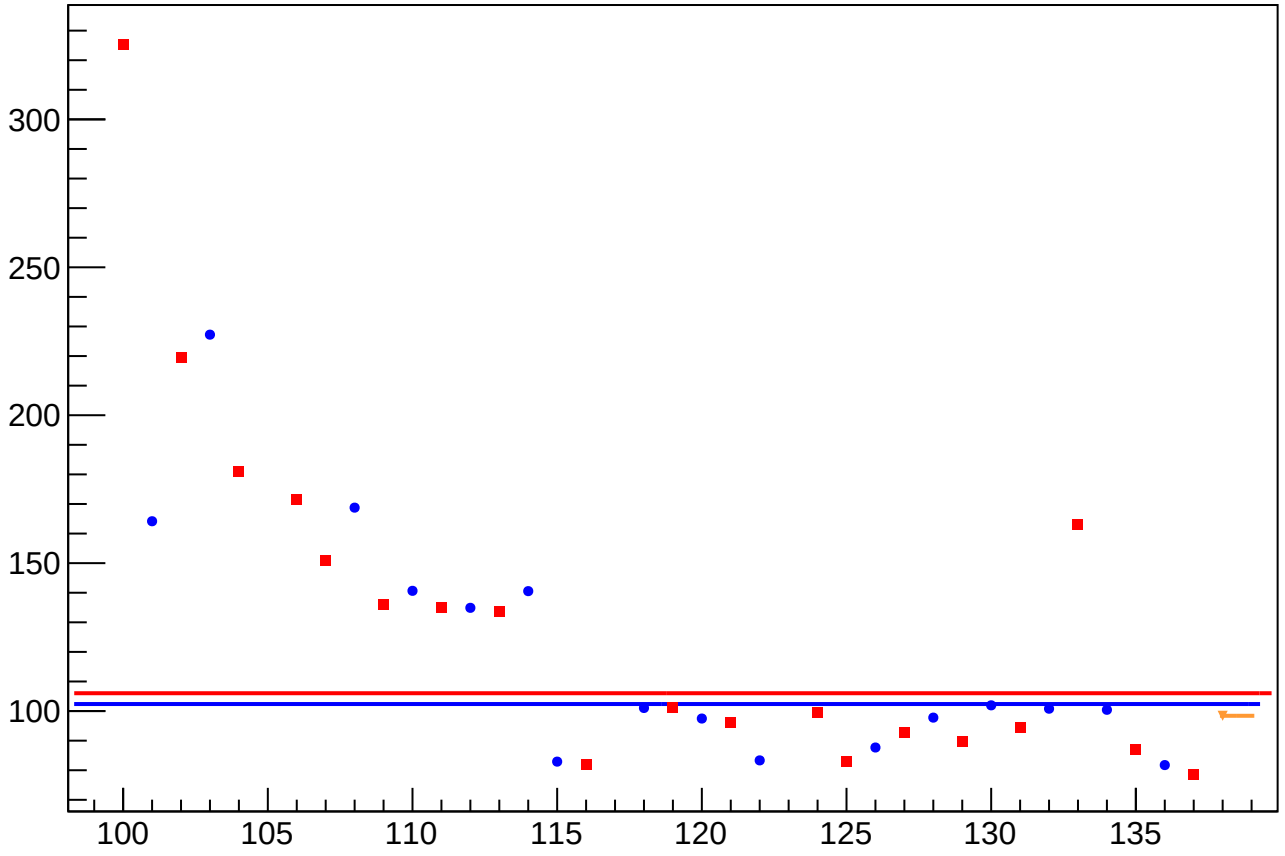
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.296+/-37.663 χ^2/NDF: 20.8/16

All: 24.293+/-27.755 χ^2/NDF: 43.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 102.378+/-0.028 χ^2/NDF: 982311.5/15

Left Out: 98.406+/-0.080 χ^2/NDF:0.0/0

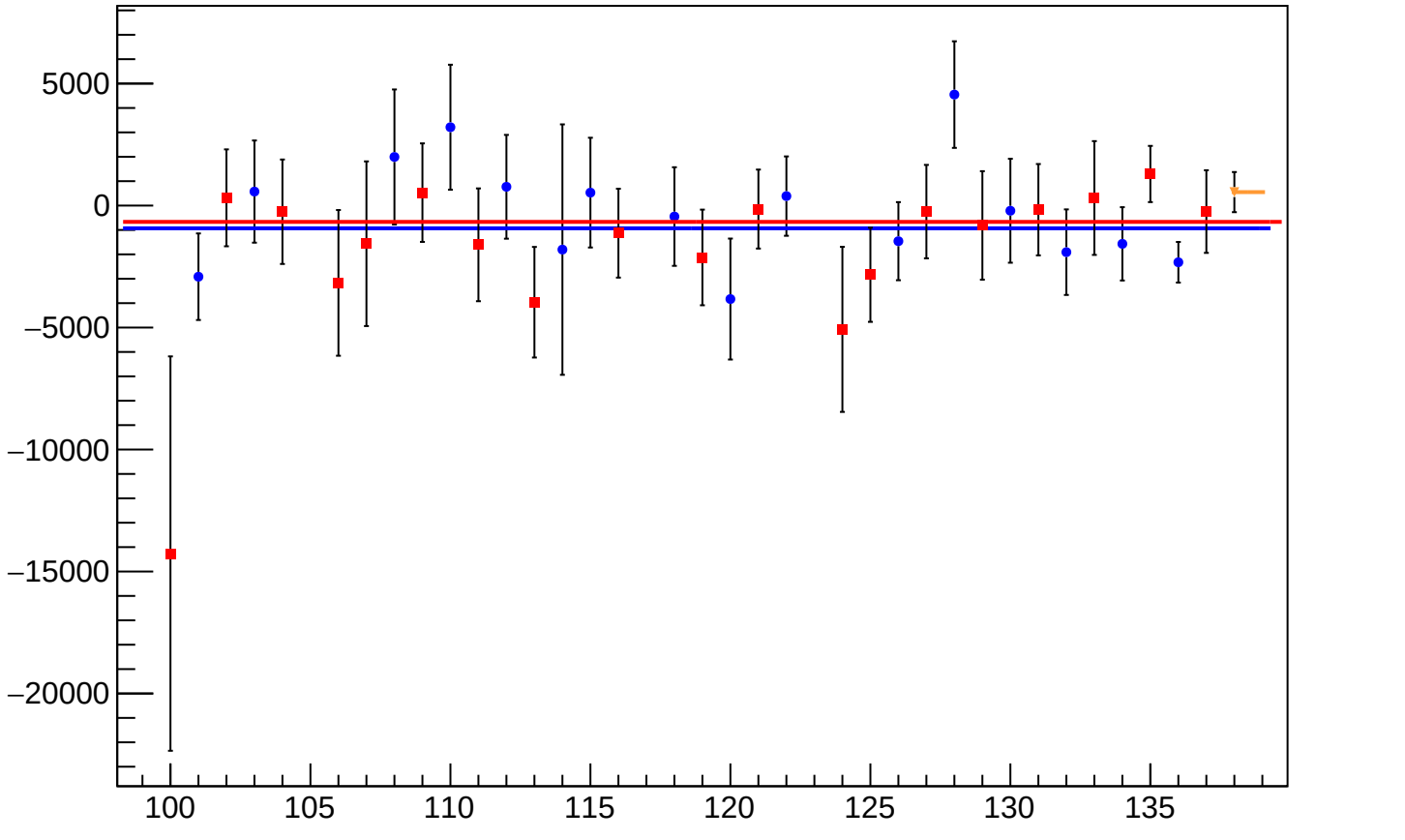
Right Out: 106.032+/-0.029 χ^2/NDF: 1191294.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 101.937+/-0.027 χ^2/NDF: 984508.8/16

All: 103.808+/-0.020 χ^2/NDF: 2186608.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -932.381+/-442.724 χ^2/NDF: 18.5/15

Left Out: 551.852+/-822.480 χ^2/NDF:0.0/0

Right Out: -668.521+/-463.213 χ^2/NDF: 13.5/18

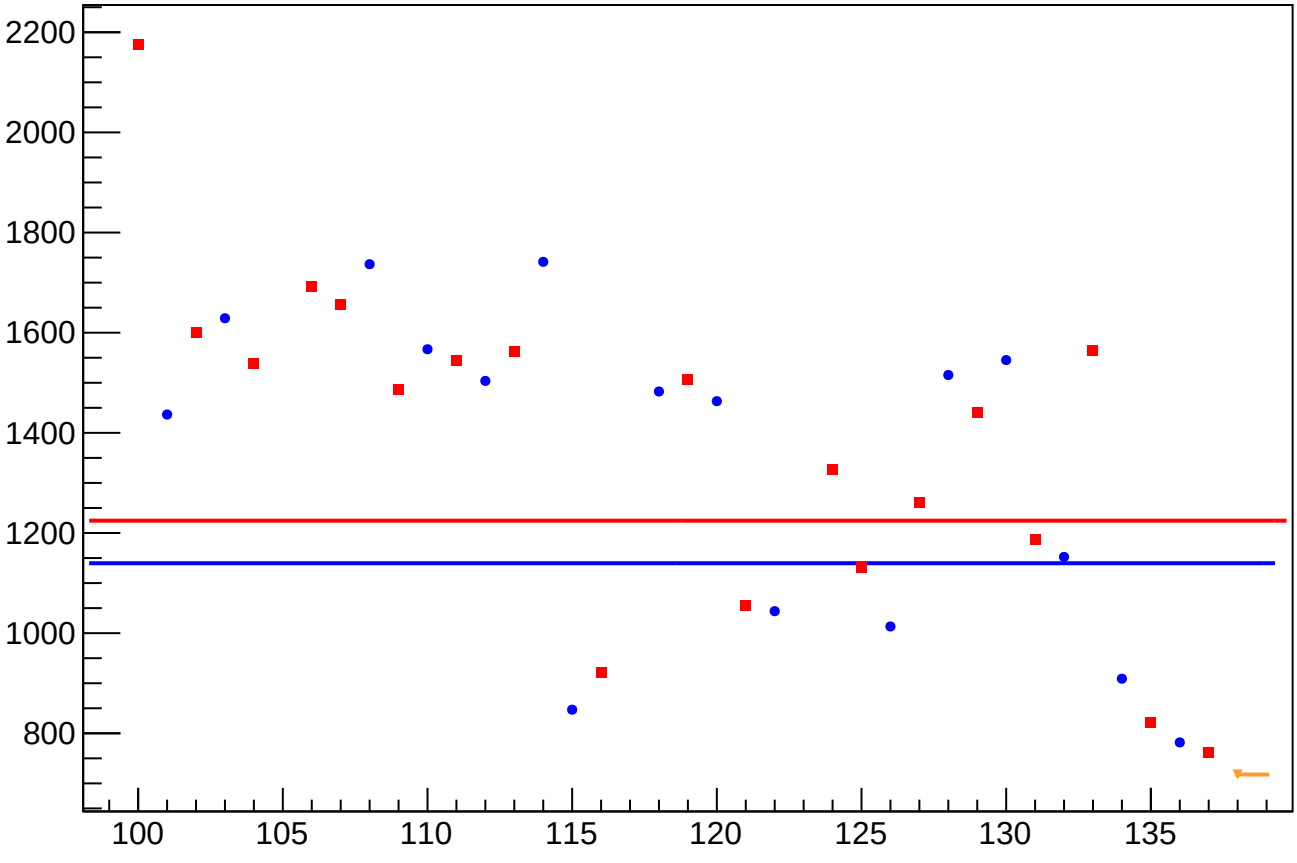
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -598.944+/-389.836 χ^2/NDF: 21.0/16

All: -627.791+/-298.265 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1139.658+/-0.313 χ^2/NDF: 1093410.3/15

Left Out: 717.729+/-0.582 χ^2/NDF:0.0/0

Right Out: 1224.637+/-0.328 χ^2/NDF: 922388.4/18

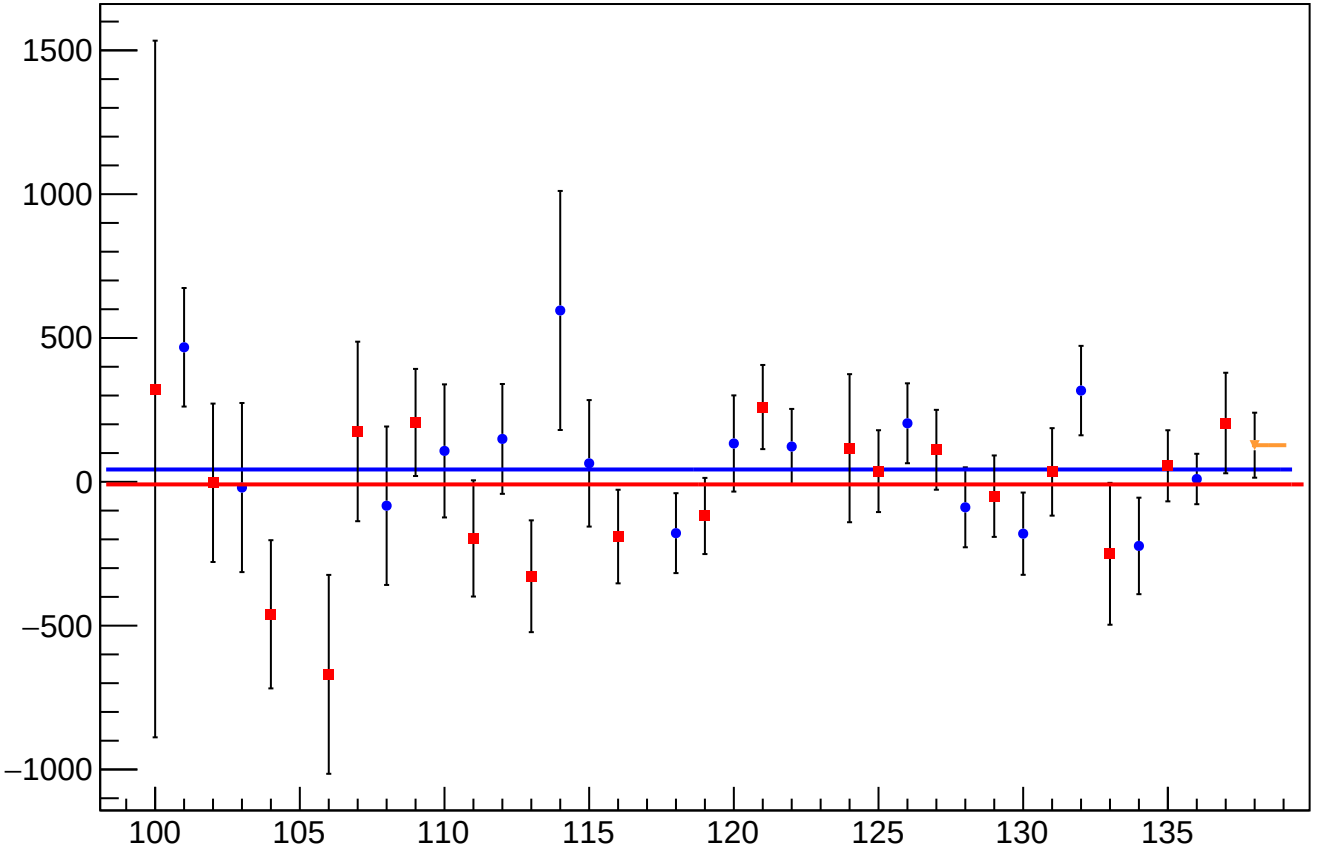
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1044.870+/-0.276 χ^2/NDF: 1501498.4/16

All: 1119.404+/-0.211 χ^2/NDF: 2600218.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_3726_avg_mean vs Slug



Right In: 42.914+/-39.948 χ^2/NDF: 20.3/15

Left Out: 127.336+/-112.984 χ^2/NDF:0.0/0

Right Out: -8.986+/-41.060 χ^2/NDF: 21.3/18

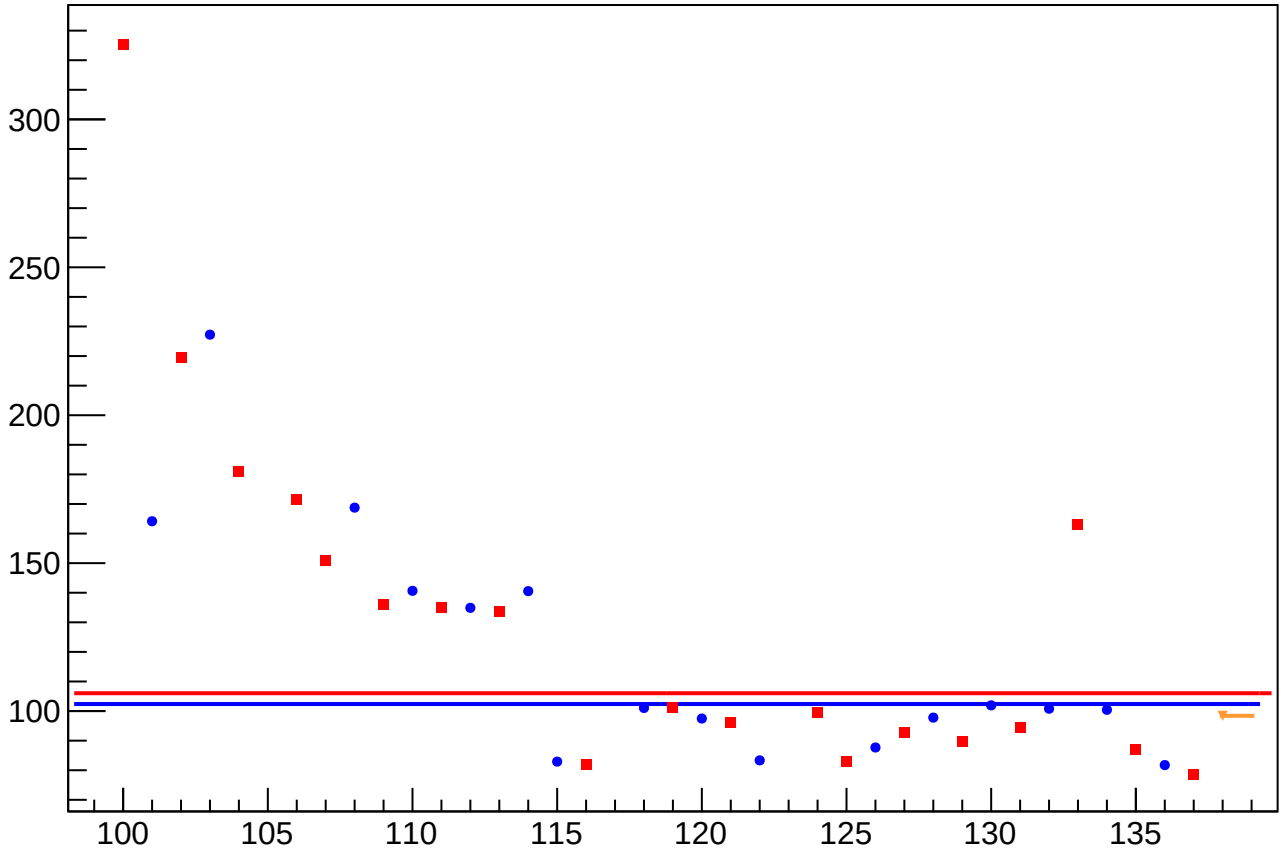
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.295+/-37.663 χ^2/NDF: 20.8/16

All: 24.294+/-27.755 χ^2/NDF: 43.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 102.378+/-0.028 χ^2/NDF: 982307.0/15

Left Out: 98.406+/-0.080 χ^2/NDF:0.0/0

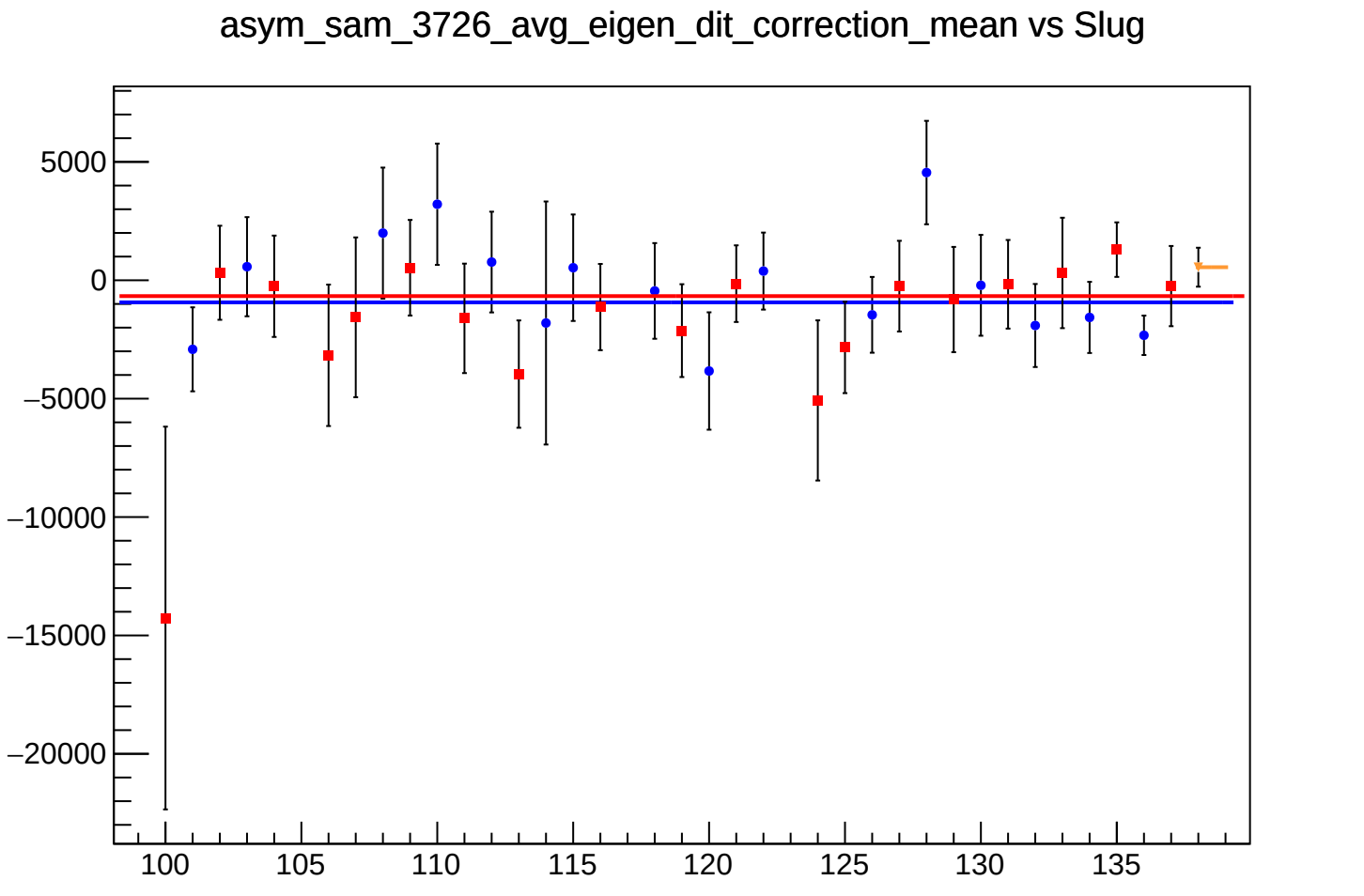
Right Out: 106.032+/-0.029 χ^2/NDF: 1191296.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 101.937+/-0.027 χ^2/NDF: 984504.4/16

All: 103.808+/-0.020 χ^2/NDF: 2186607.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -932.377+/-442.724 χ^2/NDF: 18.5/15

Left Out: 551.847+/-822.478 χ^2/NDF:0.0/0

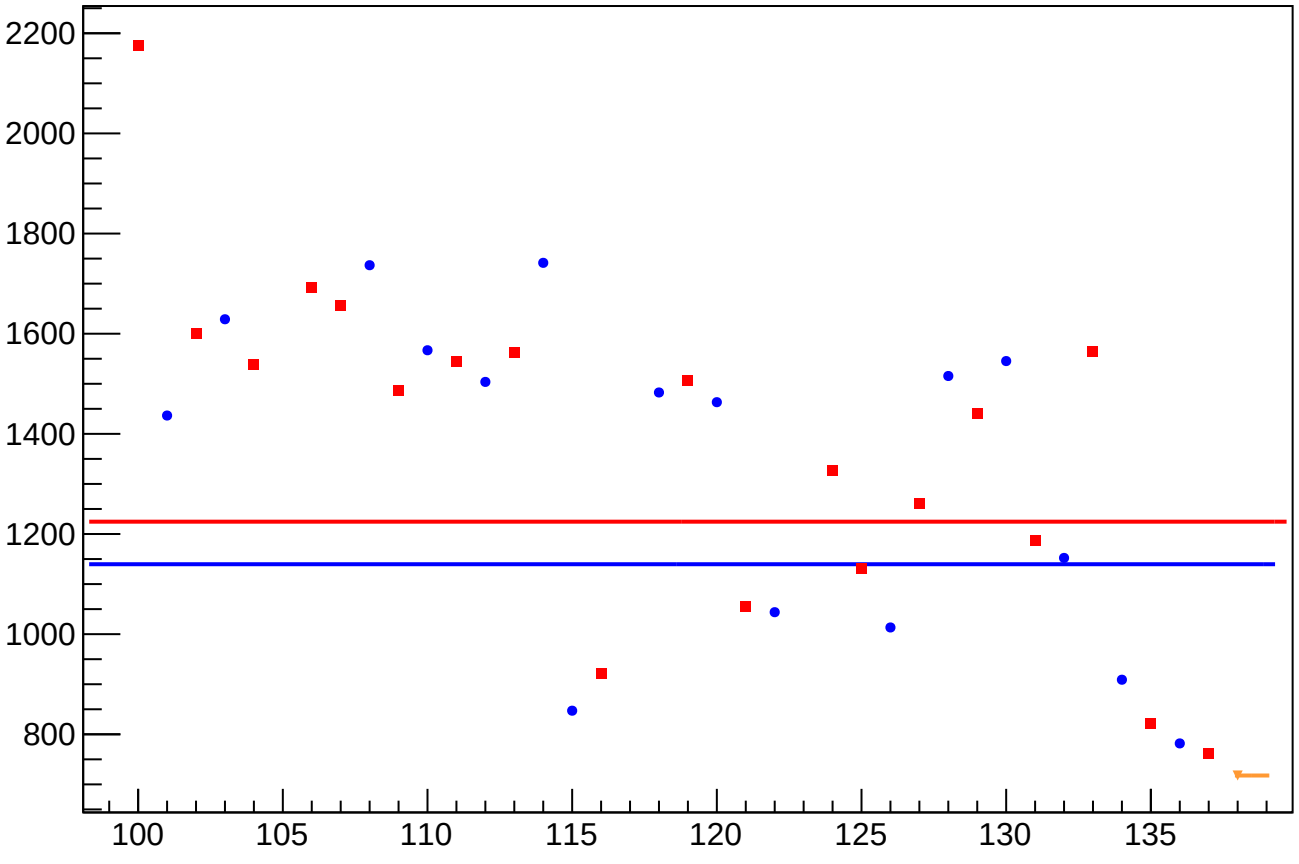
Right Out: -668.522+/-463.212 χ^2/NDF: 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -598.941+/-389.835 χ^2/NDF: 21.0/16

All: -627.790+/-298.265 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1139.656+/-0.313 χ^2/NDF: 1093397.5/15

Left Out: 717.727+/-0.582 χ^2/NDF:0.0/0

Right Out: 1224.635+/-0.328 χ^2/NDF: 922378.0/18

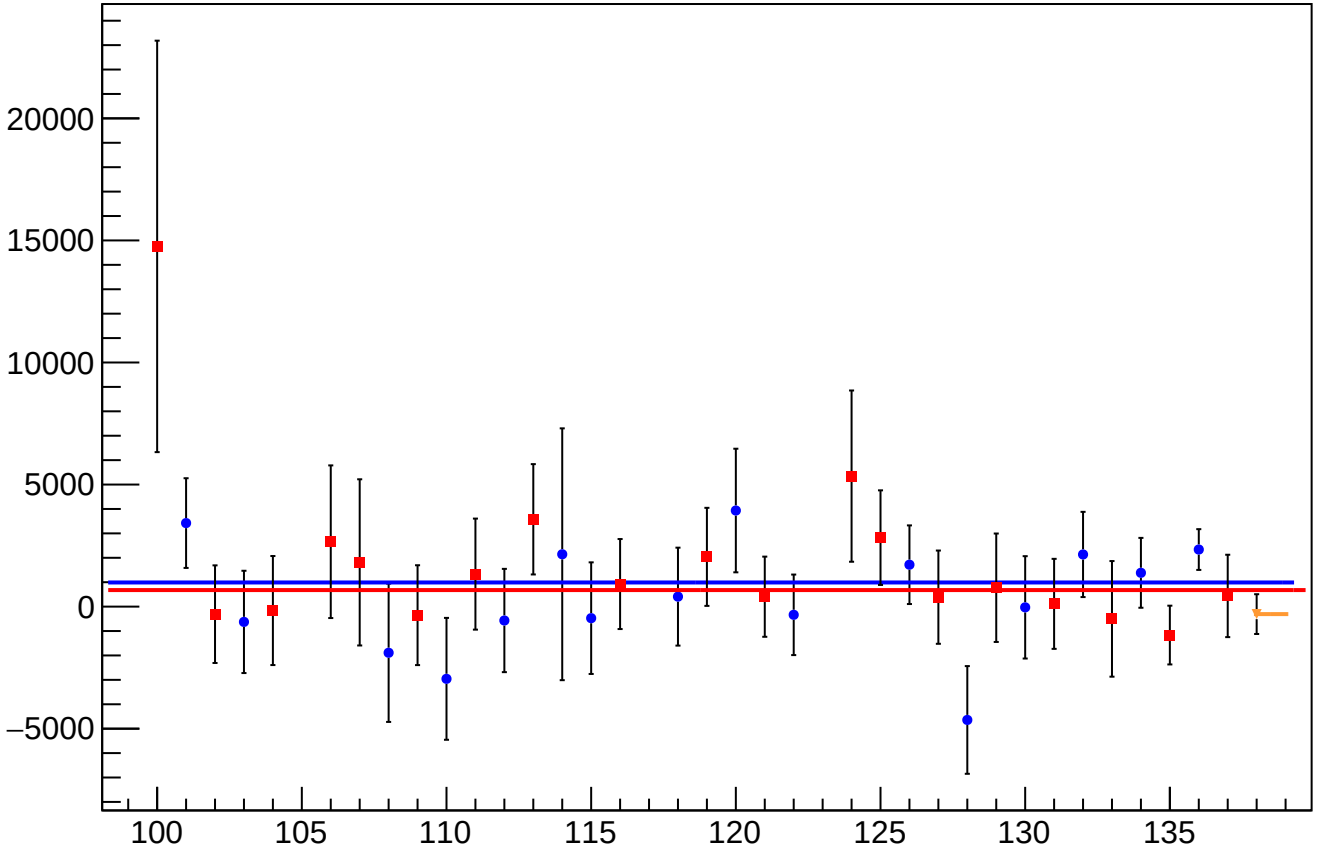
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1044.869+/-0.276 χ^2/NDF: 1501488.0/16

All: 1119.402+/-0.211 χ^2/NDF: 2600197.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 989.322+/-442.634 χ^2/NDF: 19.0/15

Left Out: -306.514+/-814.763 χ^2/NDF:0.0/0

Right Out: 677.628+/-469.652 χ^2/NDF: 11.9/18

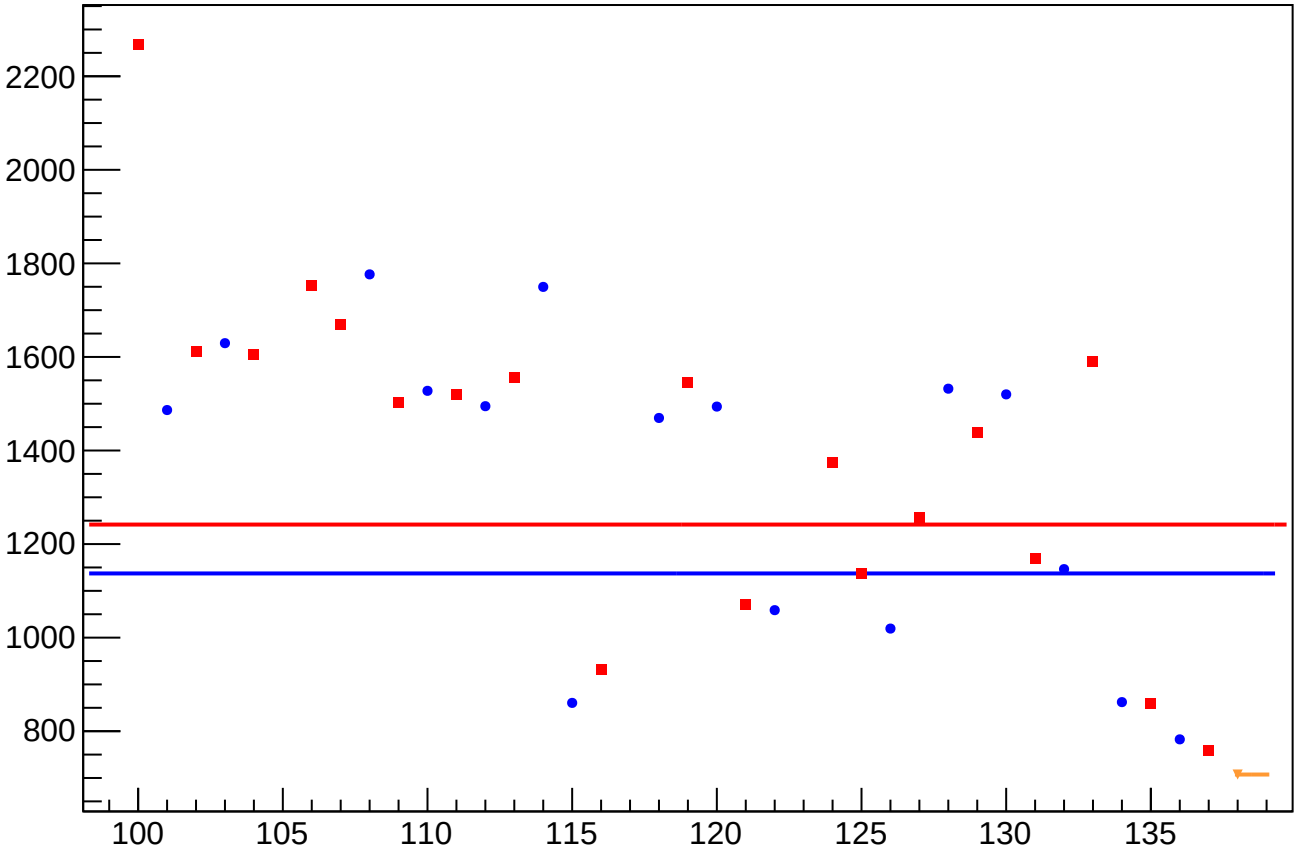
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 694.024+/-388.944 χ^2/NDF: 21.0/16

All: 687.354+/-299.557 χ^2/NDF: 32.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1137.220+/-0.313 χ^2/NDF: 1123685.6/15

Left Out: 707.375+/-0.576 χ^2/NDF:0.0/0

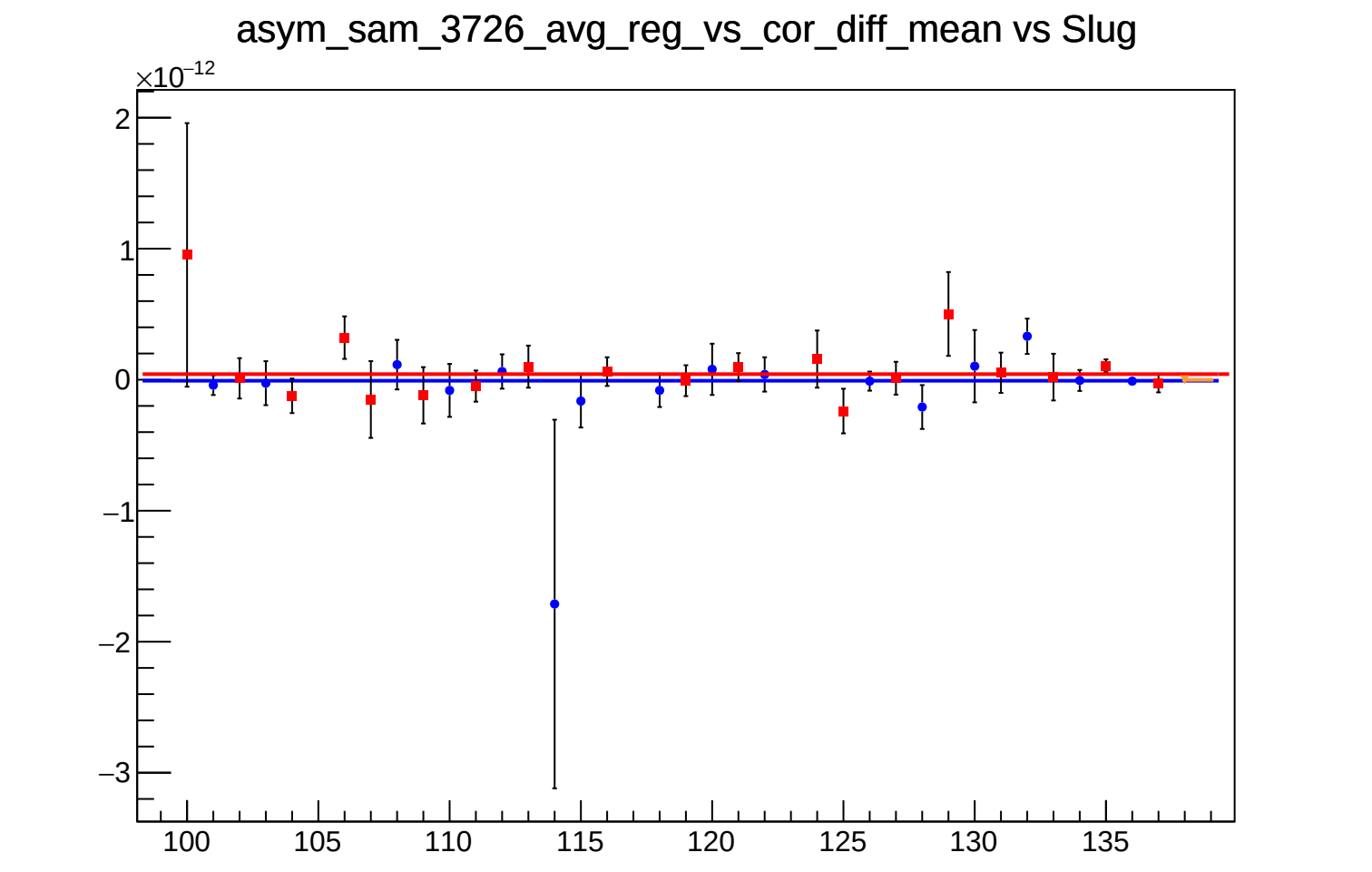
Right Out: 1241.709+/-0.332 χ^2/NDF: 899417.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1039.266+/-0.275 χ^2/NDF: 1553492.4/16

All: 1121.624+/-0.212 χ^2/NDF: 2673340.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 11.7/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

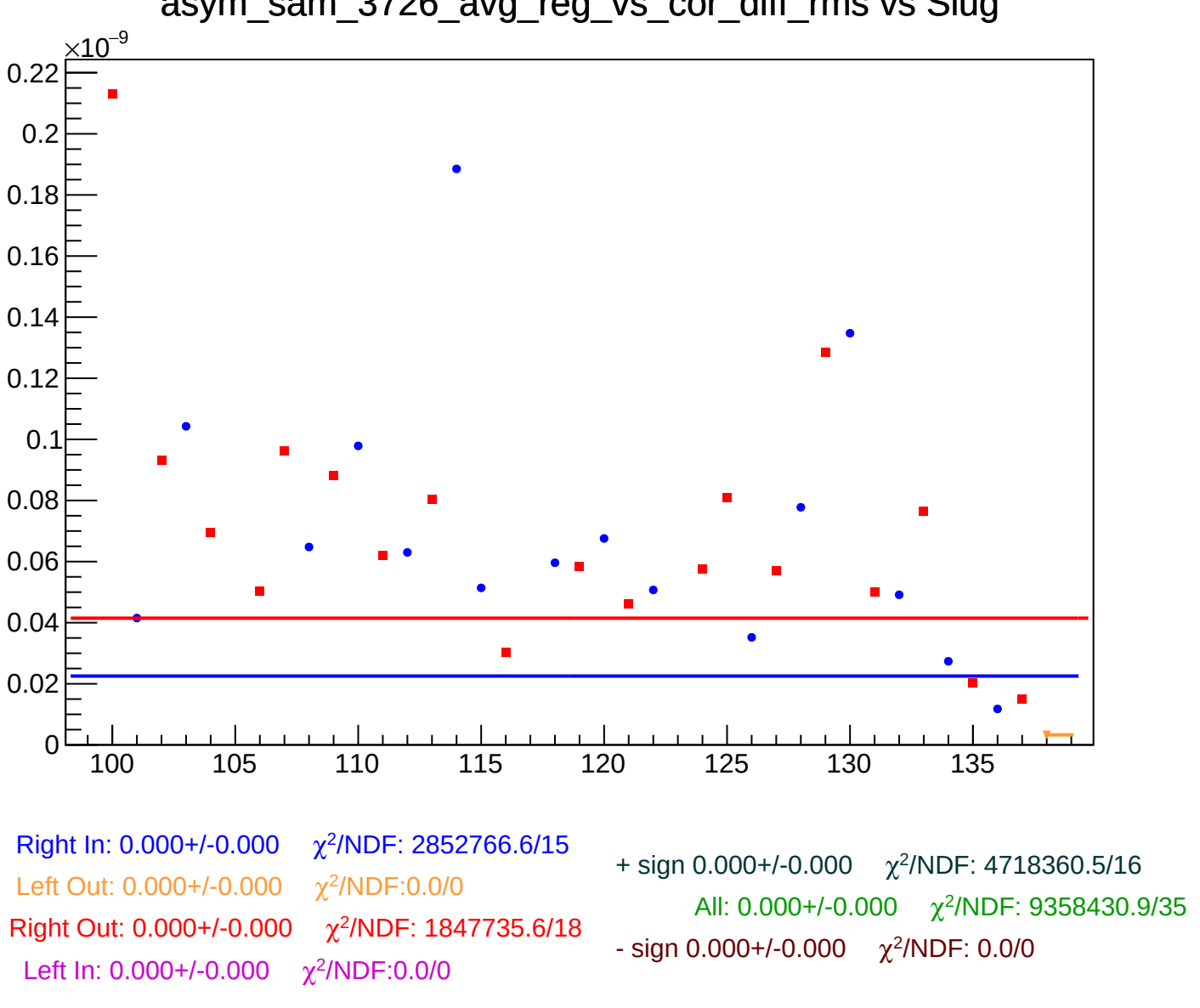
Right Out: 0.000+/-0.000 χ^2/NDF: 15.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

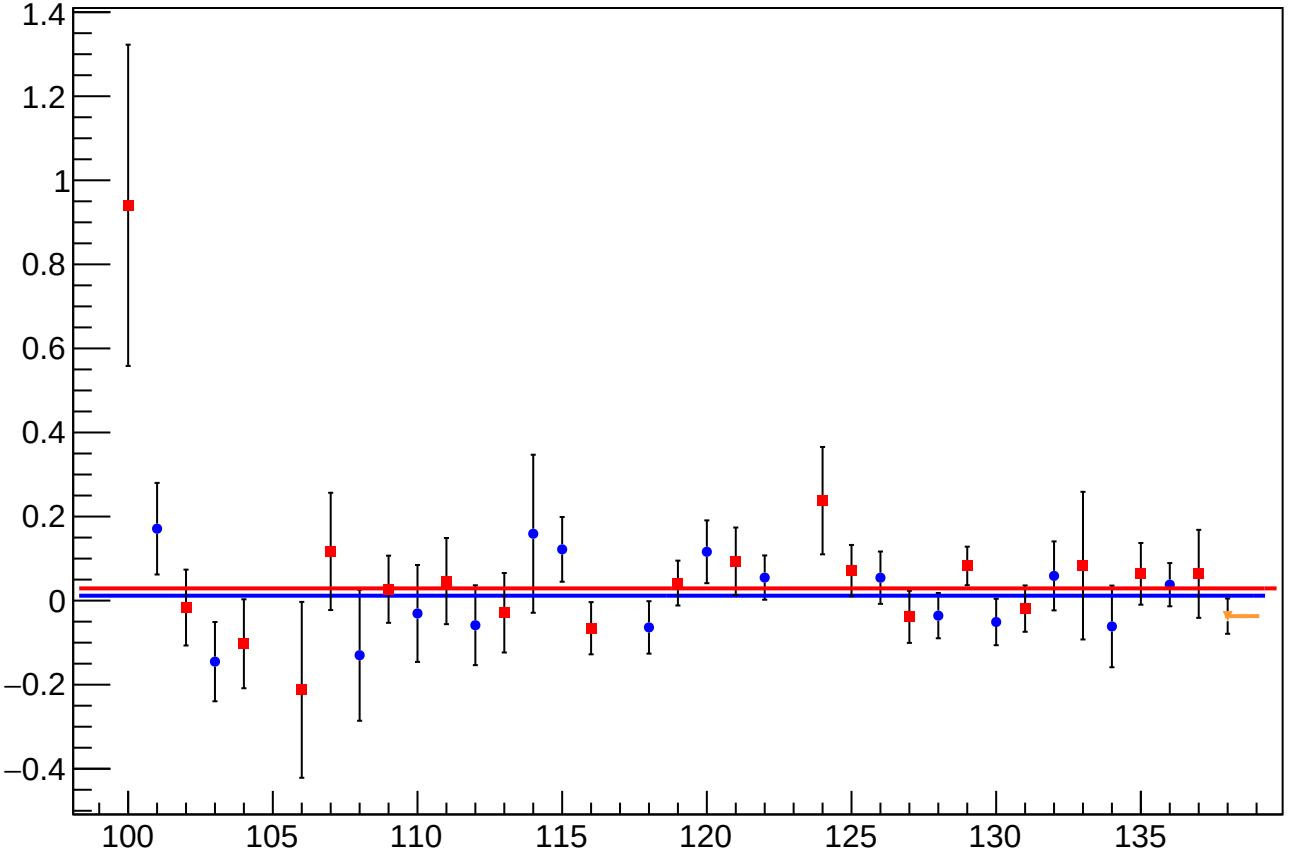
+ sign -0.000+/-0.000 χ^2/NDF: 11.8/16

All: 0.000+/-0.000 χ^2/NDF: 29.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2852766.6/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1847735.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 4718360.5/16
All: 0.000+/-0.000 χ²/NDF: 9358430.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012+/-0.018 χ^2/NDF: 16.9/15

Left Out: -0.037+/-0.042 χ^2/NDF:0.0/0

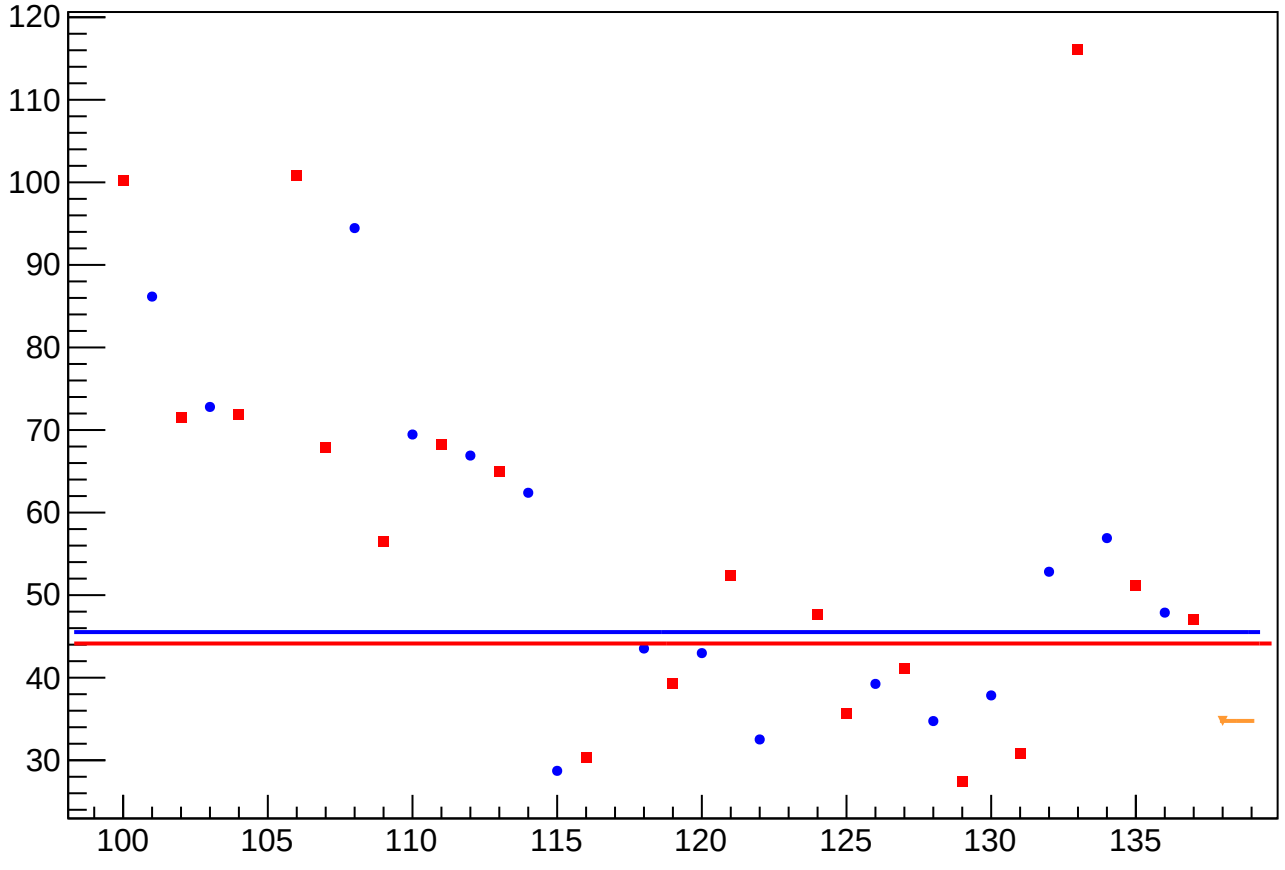
Right Out: 0.029+/-0.018 χ^2/NDF: 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.017 χ^2/NDF: 18.0/16

All: 0.016+/-0.012 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 45.525+/-0.013 χ^2/NDF: 1253967.4/15

Left Out: 34.763+/-0.030 χ^2/NDF:0.0/0

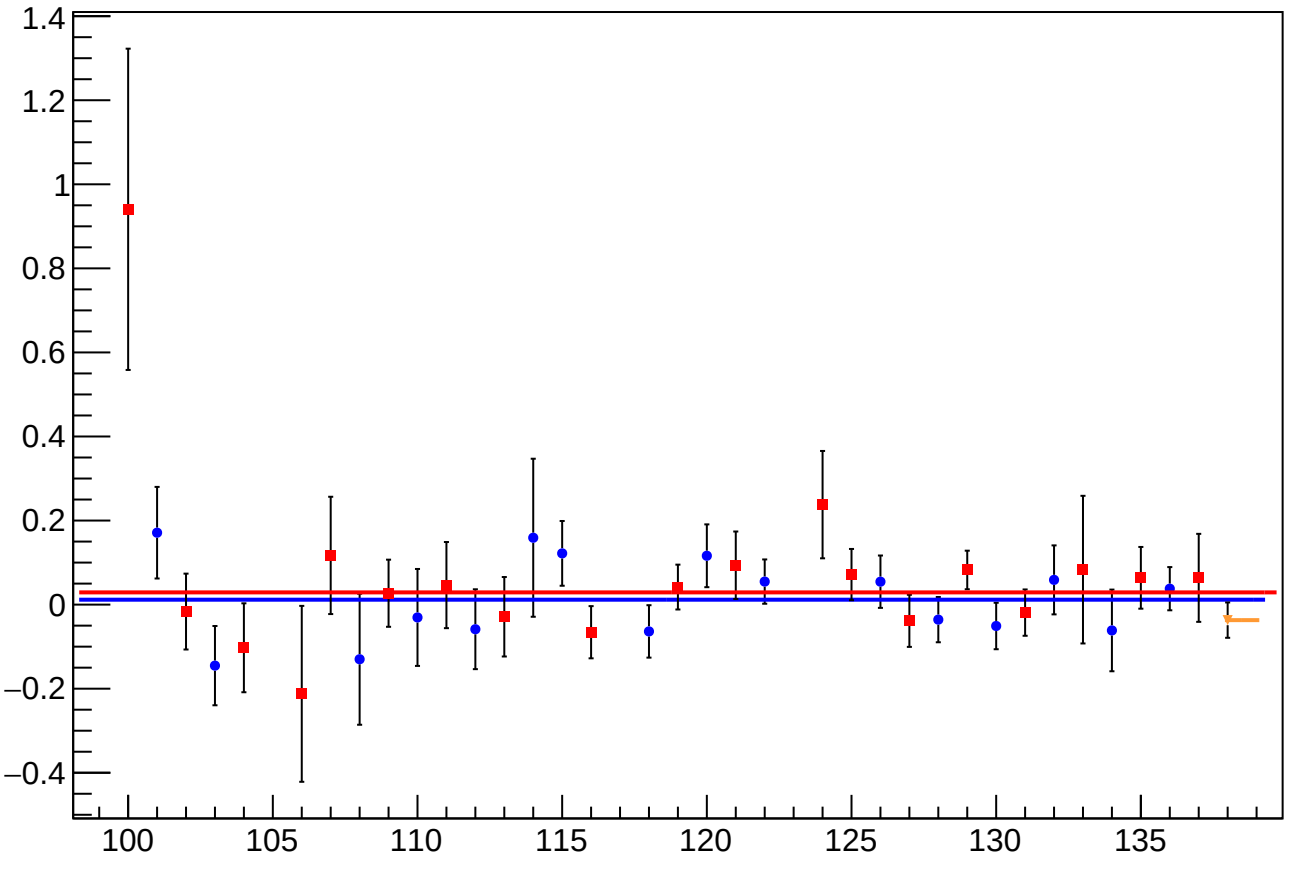
Right Out: 44.141+/-0.013 χ^2/NDF: 1743430.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.807+/-0.012 χ^2/NDF: 1364166.0/16

All: 43.963+/-0.009 χ^2/NDF: 3107968.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.012+/-0.018 χ^2/NDF: 16.9/15

Left Out: -0.037+/-0.042 χ^2/NDF:0.0/0

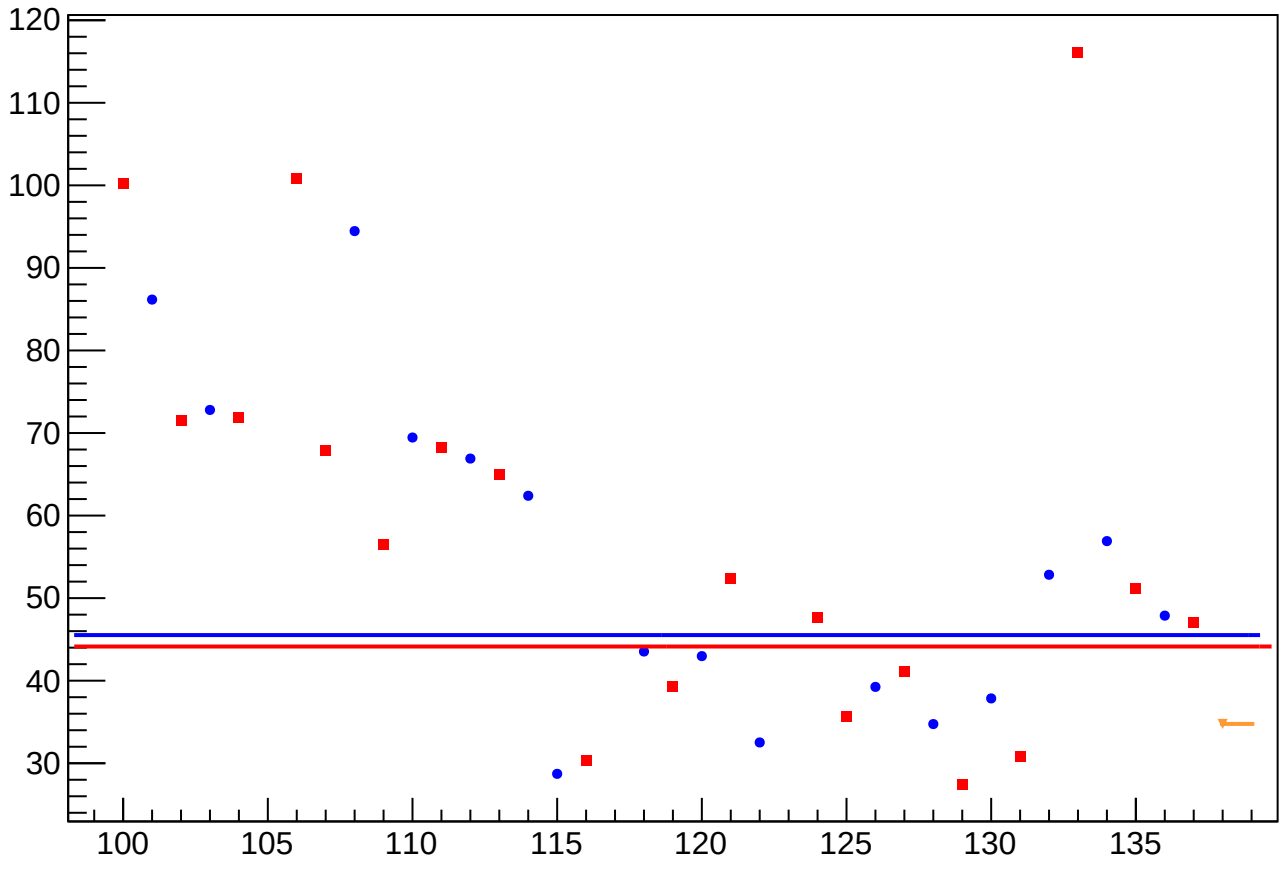
Right Out: 0.029+/-0.018 χ^2/NDF: 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.017 χ^2/NDF: 18.0/16

All: 0.016+/-0.012 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 45.525+/-0.013 χ^2/NDF: 1253967.4/15

Left Out: 34.763+/-0.030 χ^2/NDF:0.0/0

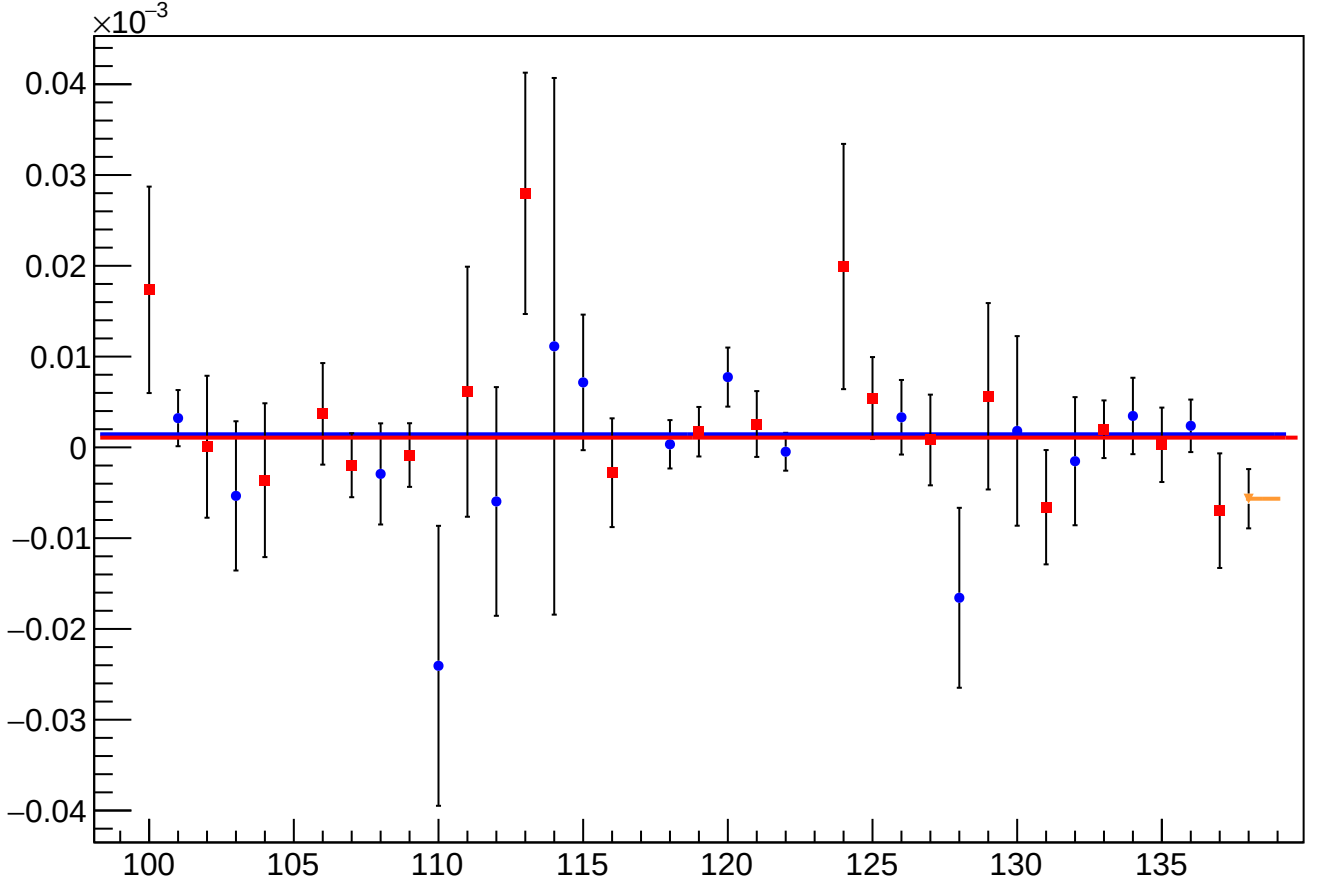
Right Out: 44.141+/-0.013 χ^2/NDF: 1743430.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.807+/-0.012 χ^2/NDF: 1364166.0/16

All: 43.963+/-0.009 χ^2/NDF: 3107968.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 14.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

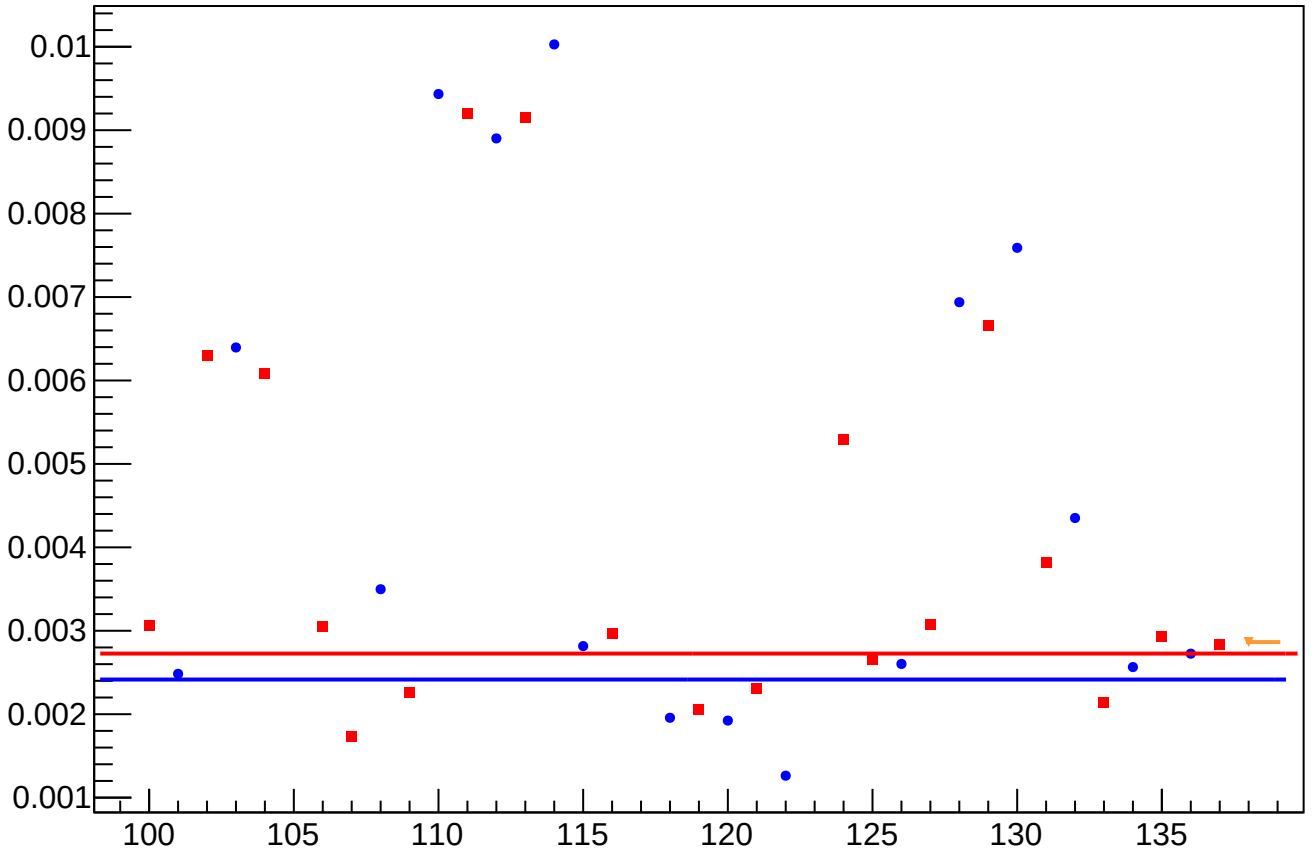
Right Out: 0.000+/-0.000 χ^2/NDF: 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 18.5/16

All: 0.000+/-0.000 χ^2/NDF: 33.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 3432108.8/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

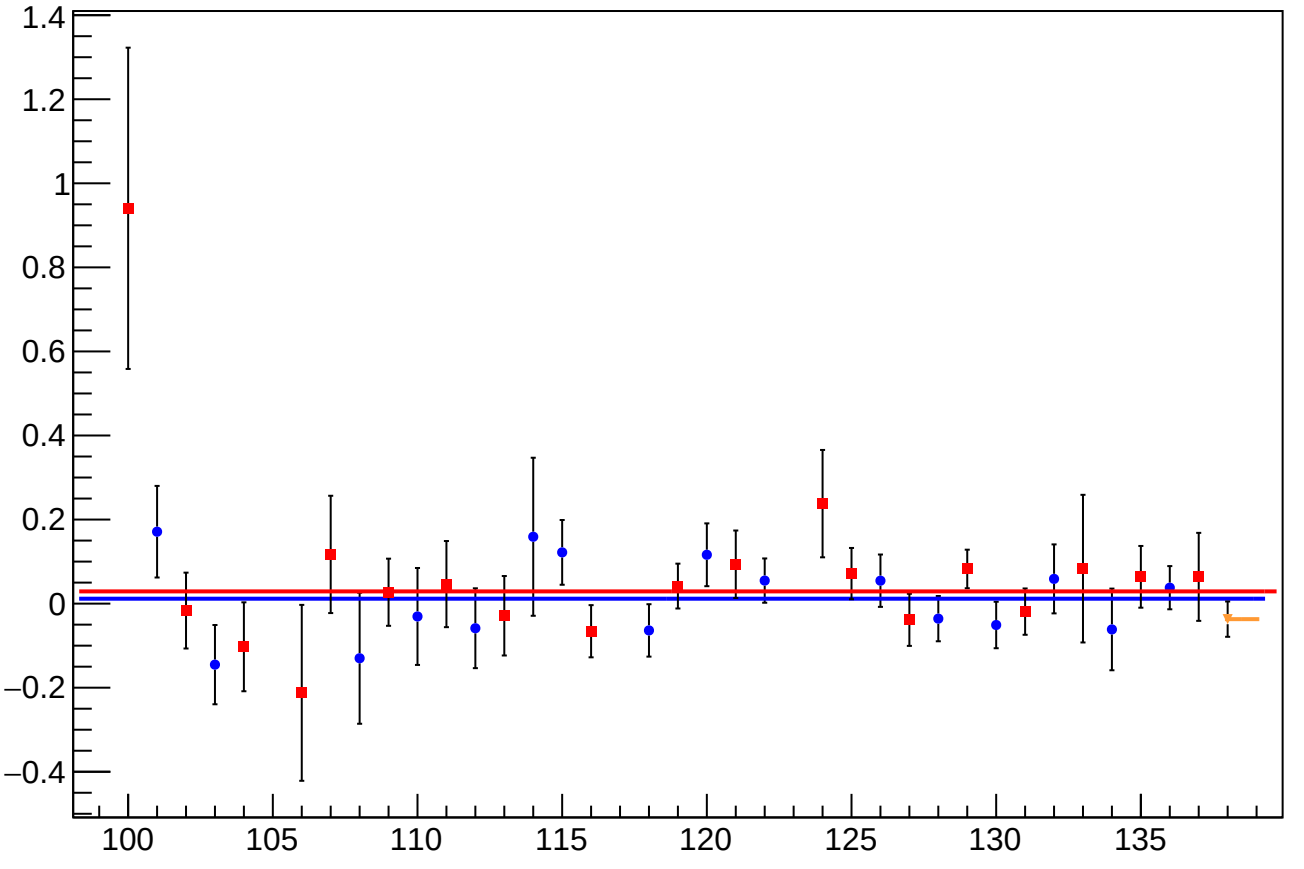
Right Out: 0.003+/-0.000 χ^2/NDF: 2505080.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 3466458.3/16

All: 0.003+/-0.000 χ^2/NDF: 6036292.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.012+/-0.018 χ^2/NDF: 16.9/15

Left Out: -0.037+/-0.042 χ^2/NDF:0.0/0

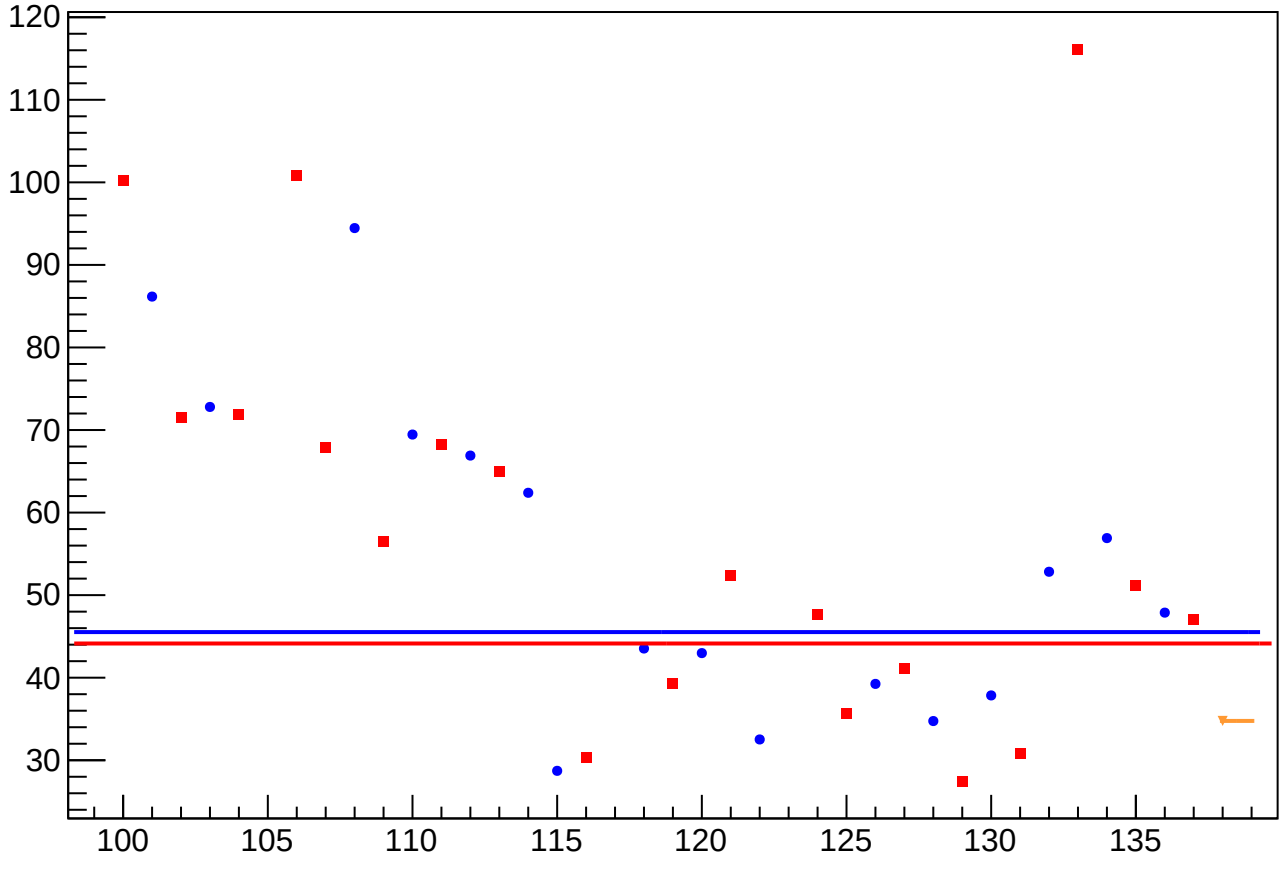
Right Out: 0.029+/-0.018 χ^2/NDF: 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.004+/-0.017 χ^2/NDF: 18.0/16

All: 0.016+/-0.012 χ^2/NDF: 38.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 45.525+/-0.013 χ^2/NDF: 1253922.0/15

Left Out: 34.763+/-0.030 χ^2/NDF:0.0/0

Right Out: 44.141+/-0.013 χ^2/NDF: 1743351.0/18

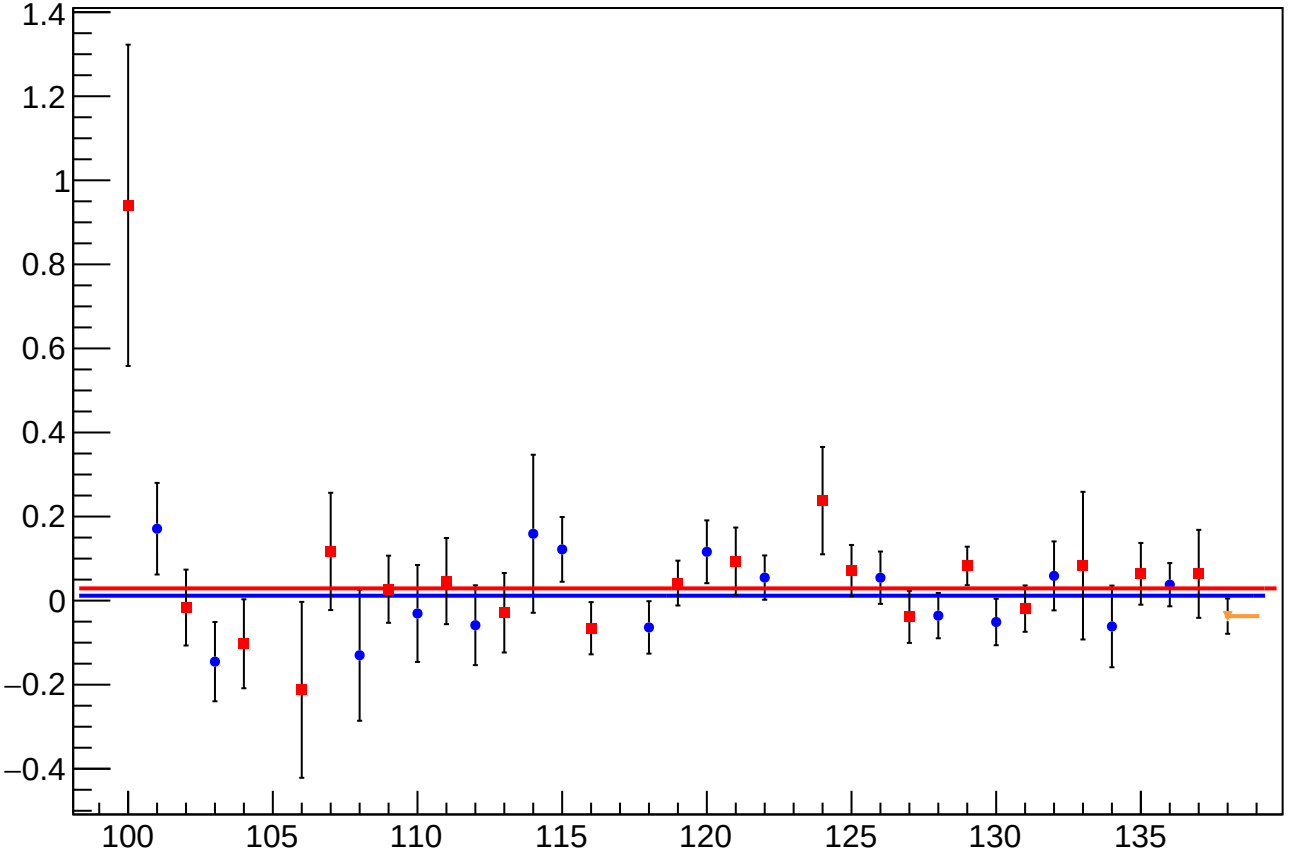
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.807+/-0.012 χ^2/NDF: 1364127.6/16

All: 43.963+/-0.009 χ^2/NDF: 3107850.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012+/-0.018 χ^2/NDF: 16.9/15

Left Out: -0.037+/-0.042 χ^2/NDF:0.0/0

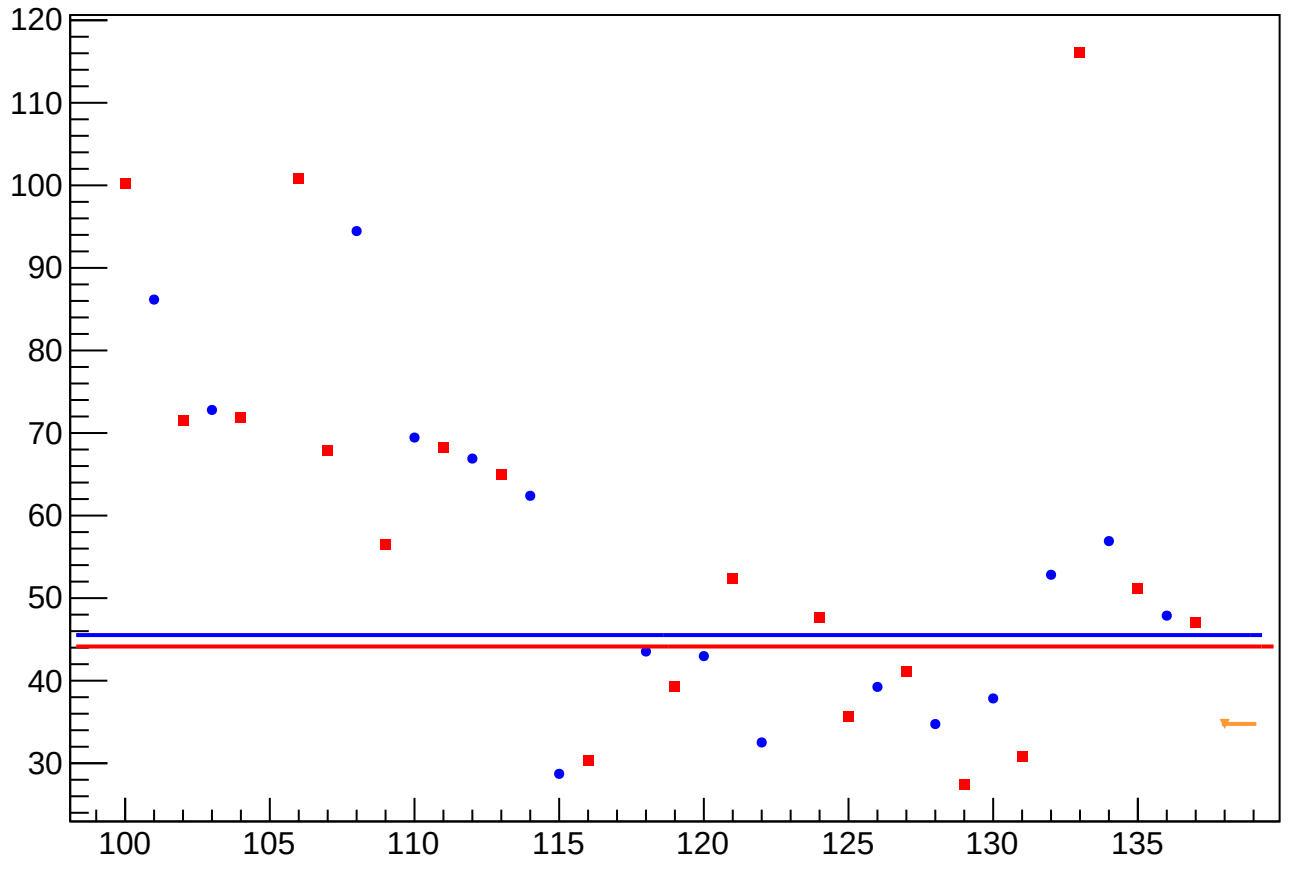
Right Out: 0.029+/-0.018 χ^2/NDF: 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.017 χ^2/NDF: 18.0/16

All: 0.016+/-0.012 χ^2/NDF: 38.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 45.525+/-0.013 χ^2/NDF: 1253922.0/15

Left Out: 34.763+/-0.030 χ^2/NDF:0.0/0

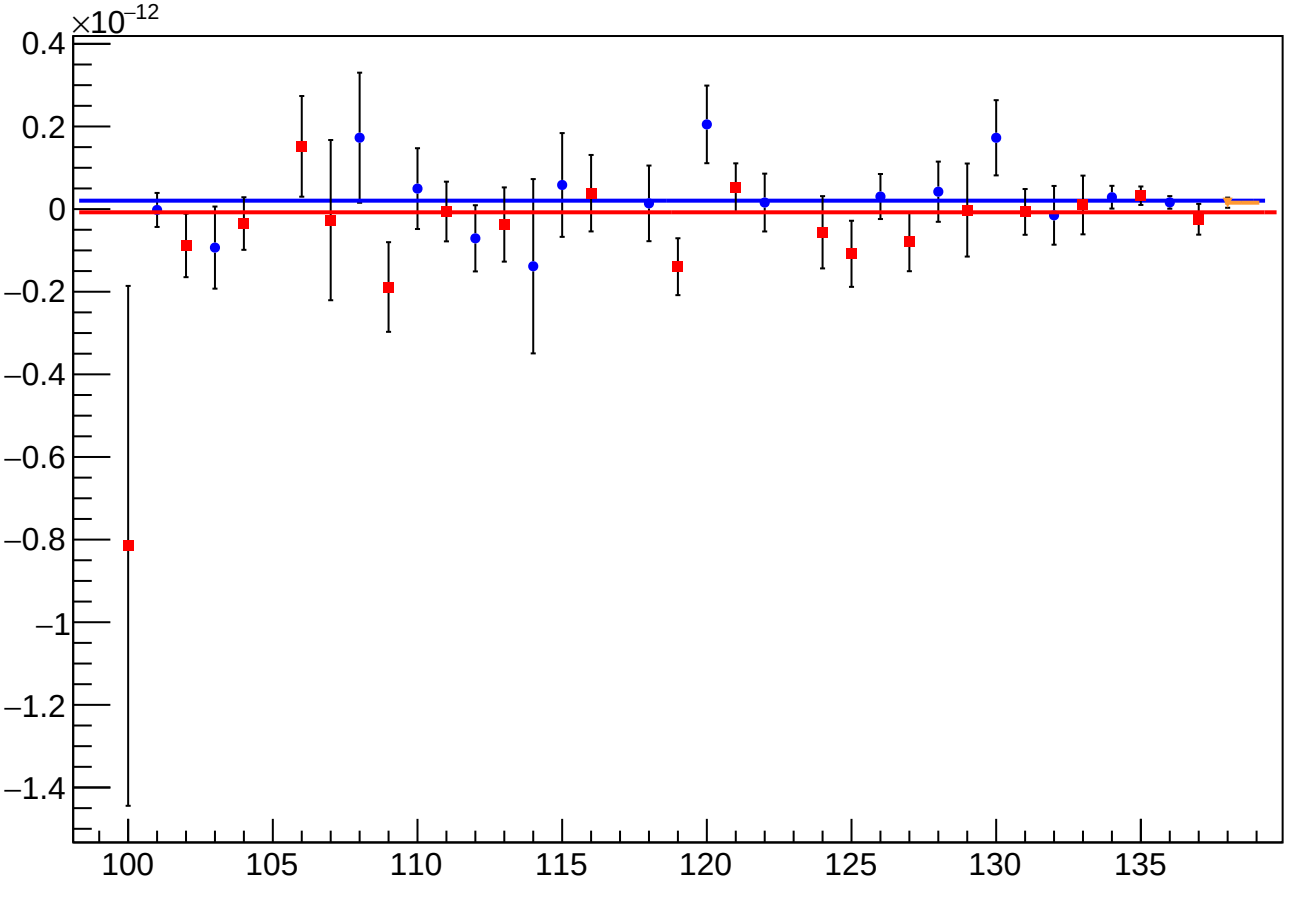
Right Out: 44.141+/-0.013 χ^2/NDF: 1743351.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.807+/-0.012 χ^2/NDF: 1364127.6/16

All: 43.963+/-0.009 χ^2/NDF: 3107850.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

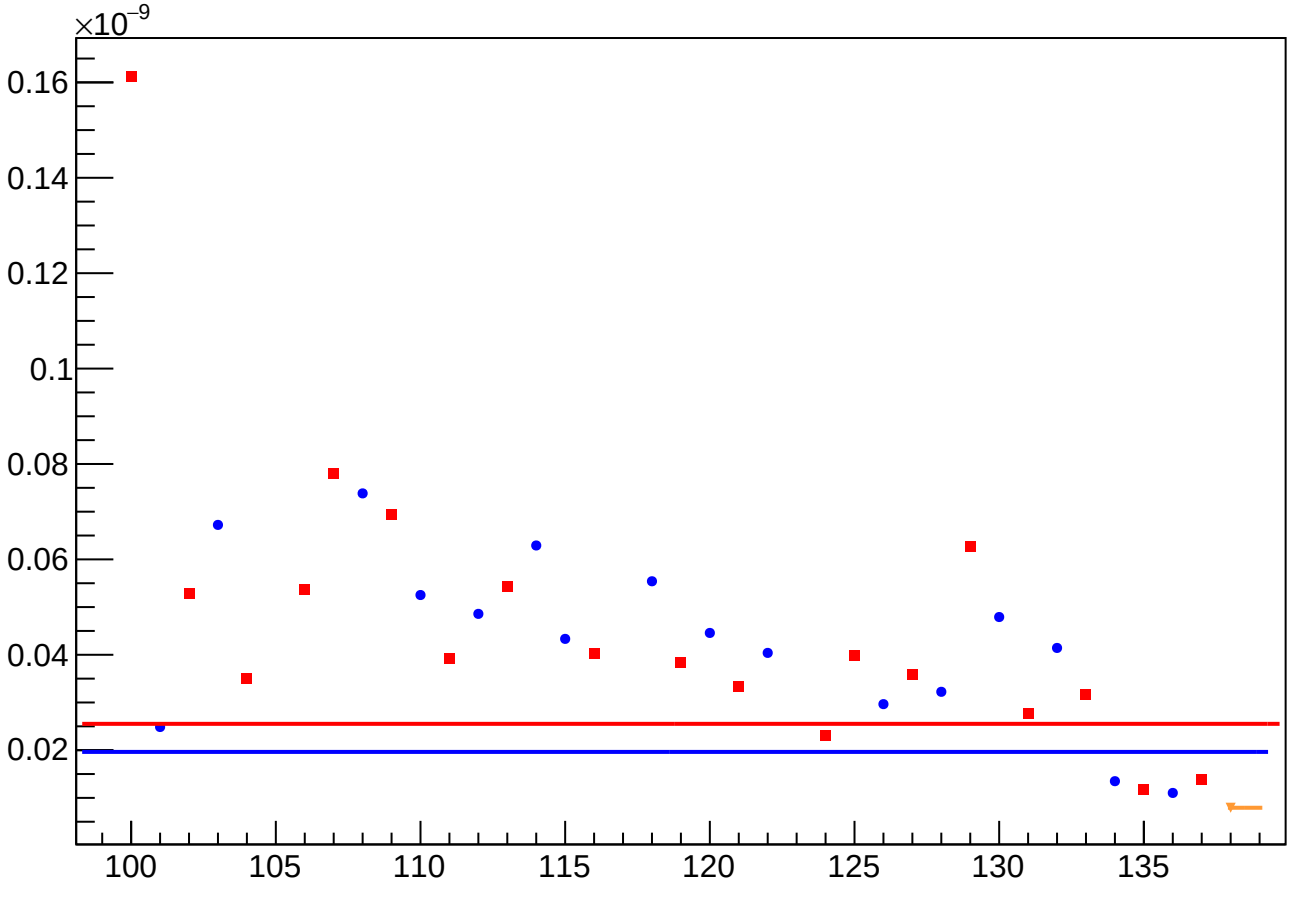
Right Out: -0.000+/-0.000 χ^2/NDF: 18.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 11.9/16

All: 0.000+/-0.000 χ^2/NDF: 33.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3241093.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 2703953.2/18

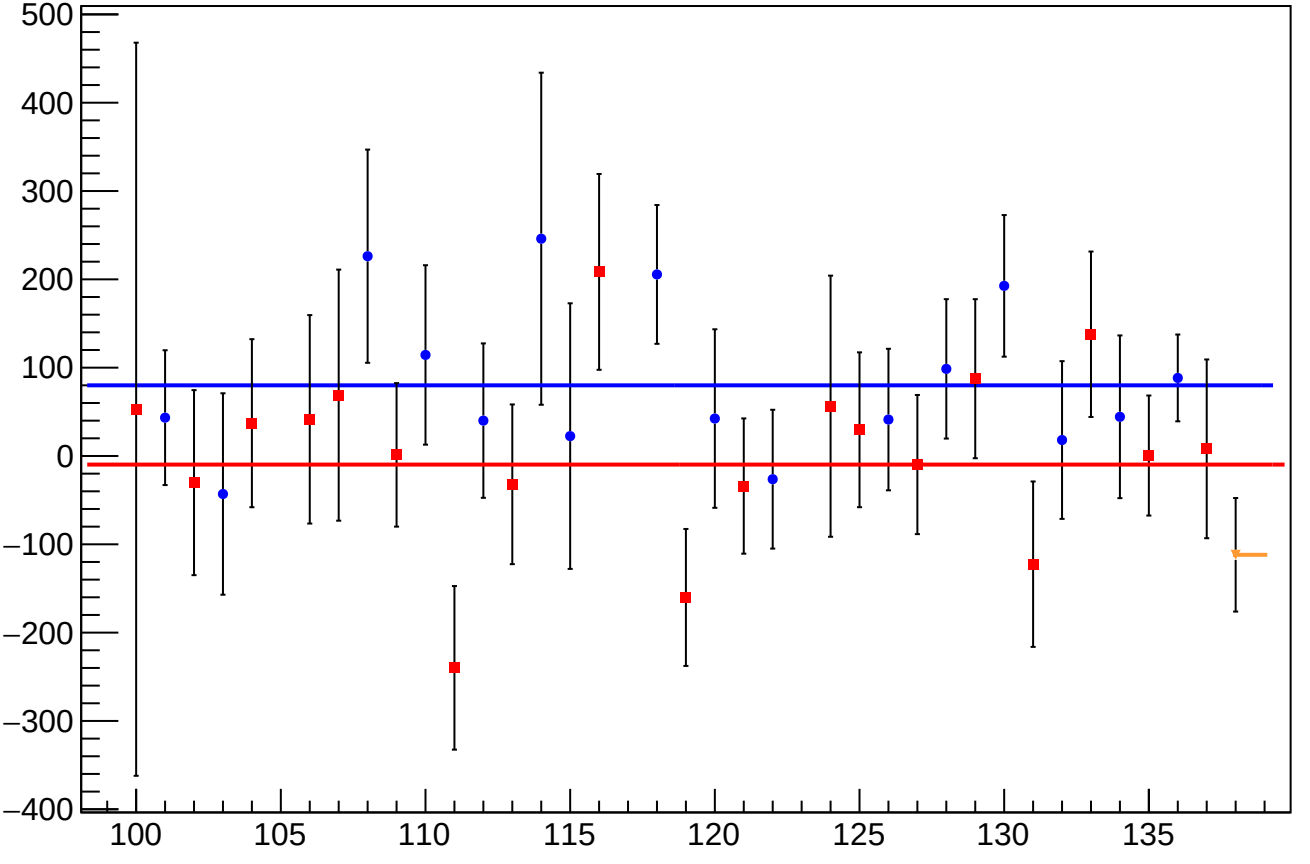
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 4235307.1/16

All: 0.000+/-0.000 χ^2/NDF: 7917215.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 79.993+/-21.474 χ^2/NDF: 11.6/15

Left Out: -111.893+/-64.299 χ^2/NDF:0.0/0

Right Out: -9.730+/-21.617 χ^2/NDF: 20.3/18

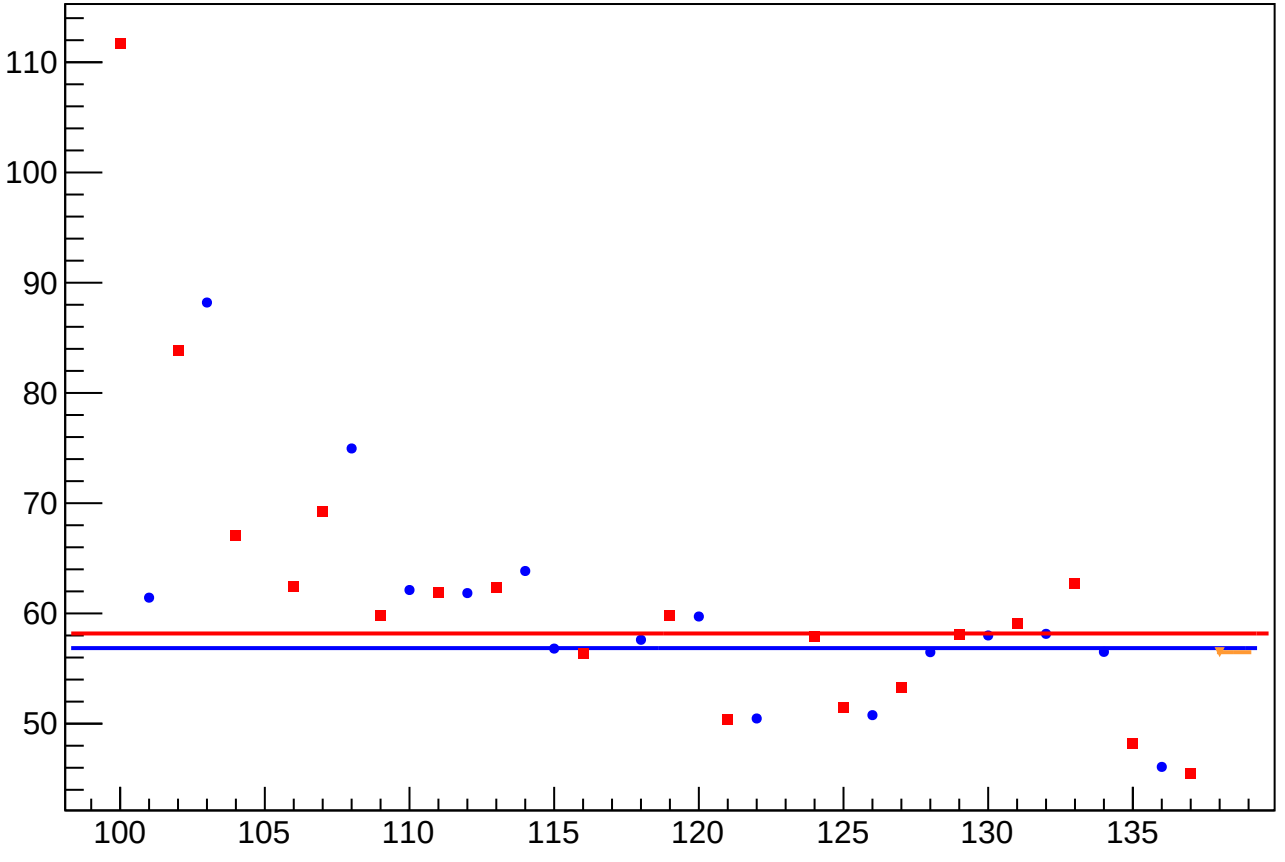
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 60.738+/-20.368 χ^2/NDF: 19.6/16

All: 27.598+/-14.825 χ^2/NDF: 45.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 56.854+/-0.015 χ^2/NDF: 341601.2/15

Left Out: 56.481+/-0.045 χ^2/NDF:0.0/0

Right Out: 58.181+/-0.015 χ^2/NDF: 314660.6/18

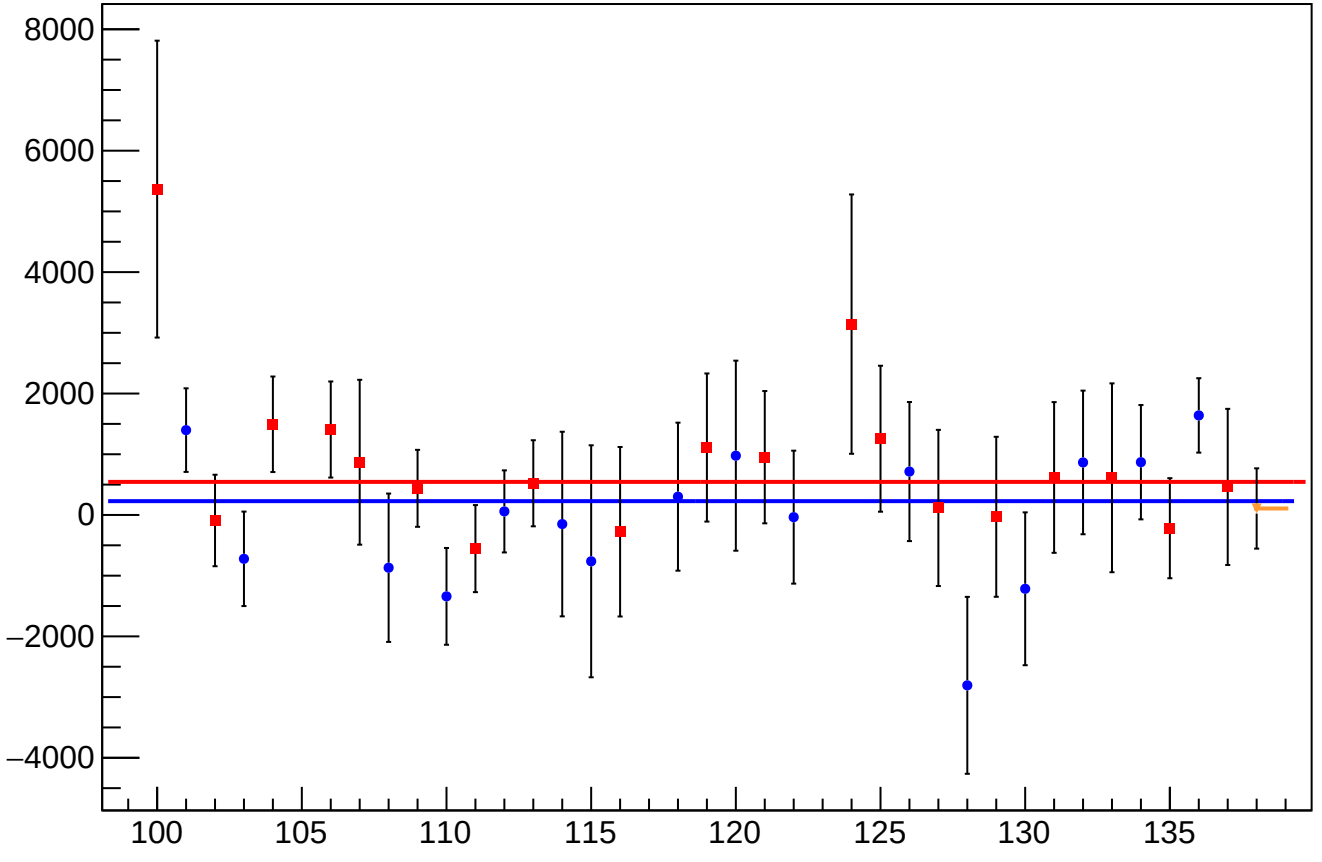
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.817+/-0.014 χ^2/NDF: 341661.8/16

All: 57.459+/-0.010 χ^2/NDF: 660544.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: 227.508+/-241.225 χ^2/NDF: 21.6/15

Left Out: 106.601+/-661.325 χ^2/NDF:0.0/0

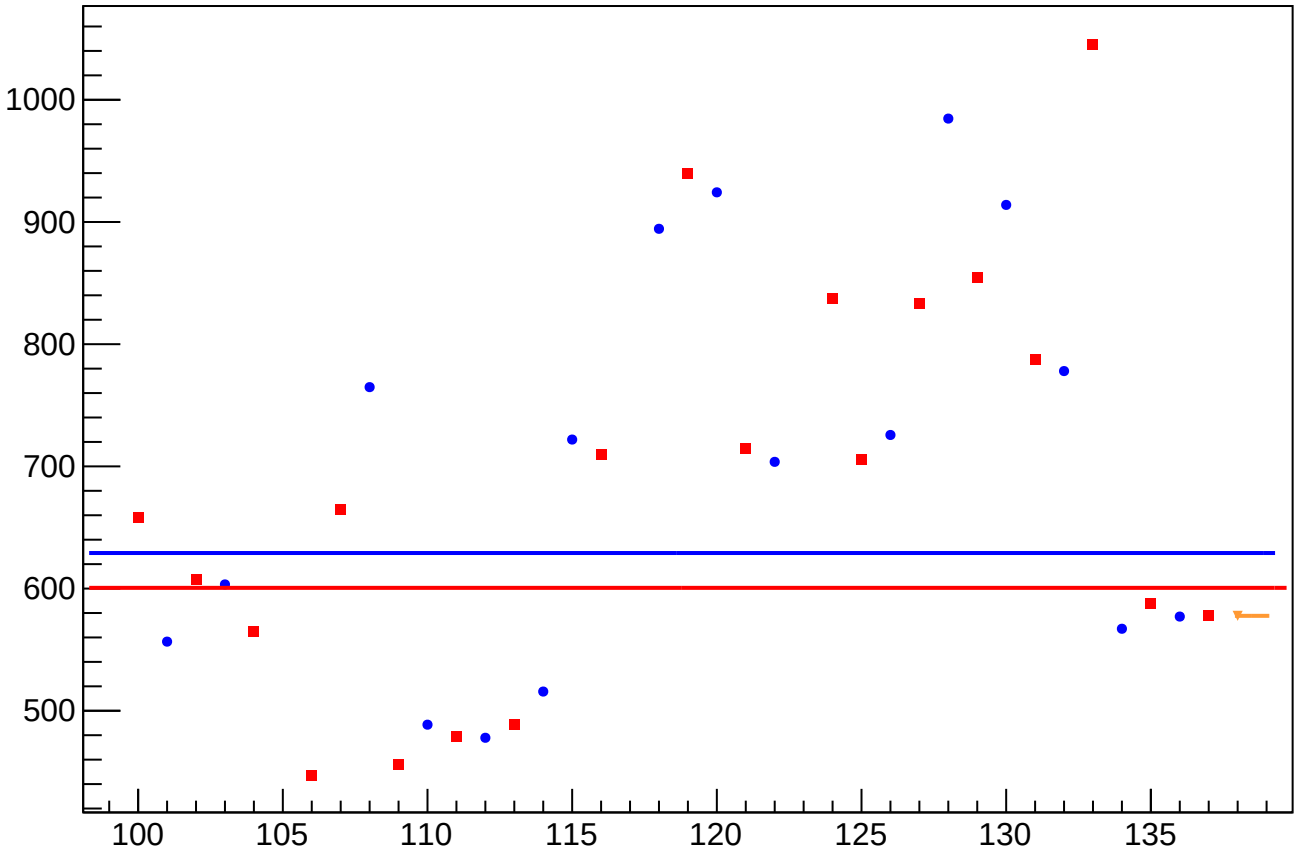
Right Out: 544.769+/-227.243 χ^2/NDF: 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 213.311+/-226.620 χ^2/NDF: 21.7/16

All: 378.585+/-160.464 χ^2/NDF: 36.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 629.096+/-0.171 χ^2/NDF: 692724.2/15

Left Out: 577.689+/-0.468 χ^2/NDF:0.0/0

Right Out: 600.593+/-0.161 χ^2/NDF: 874614.2/18

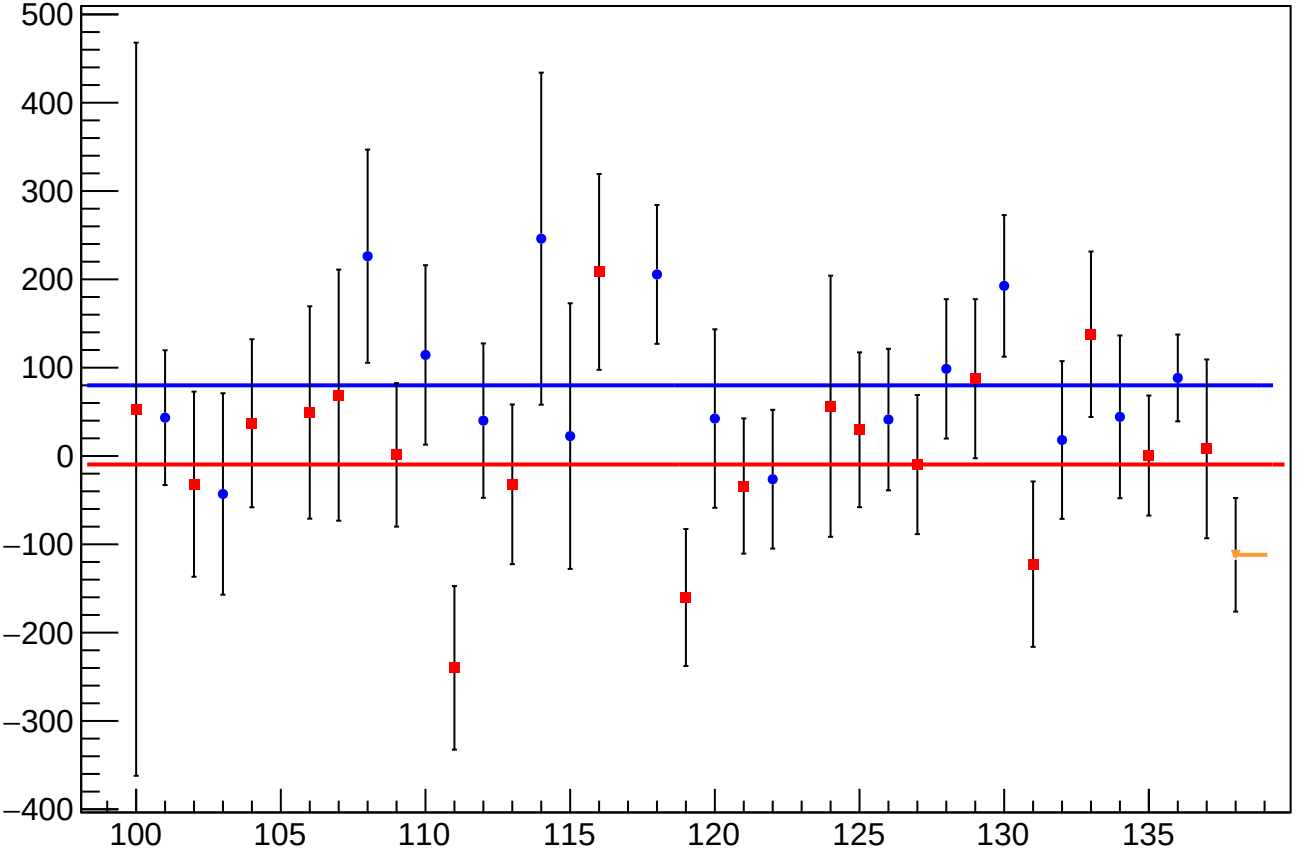
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 623.059+/-0.160 χ^2/NDF: 703389.7/16

All: 611.857+/-0.113 χ^2/NDF: 1587804.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 79.998+/-21.474 χ^2/NDF: 11.6/15

Left Out: -111.893+/-64.299 χ^2/NDF:0.0/0

Right Out: -9.619+/-21.631 χ^2/NDF: 20.4/18

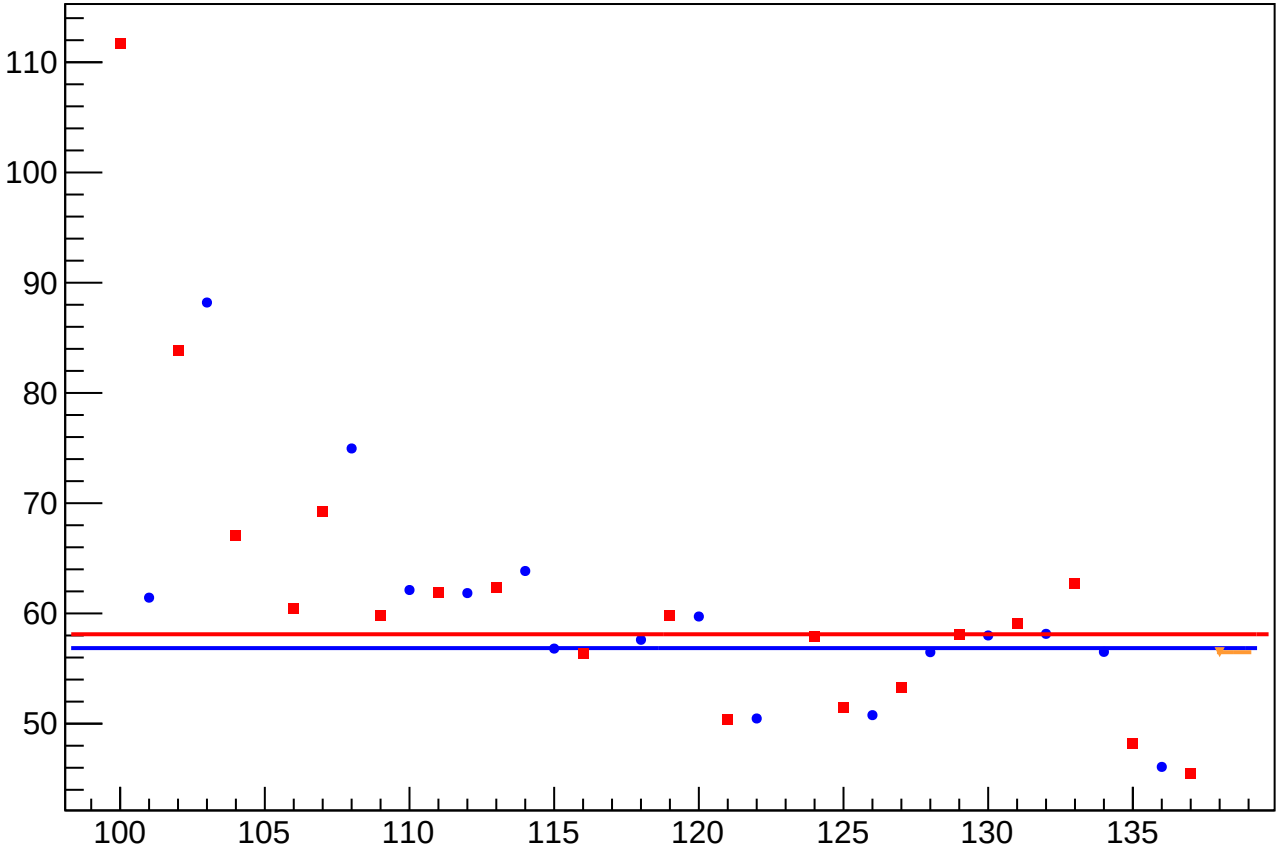
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 60.742+/-20.368 χ^2/NDF: 19.6/16

All: 27.675+/-14.829 χ^2/NDF: 45.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 56.854+/-0.015 χ^2/NDF: 341605.0/15

Left Out: 56.481+/-0.045 χ^2/NDF:0.0/0

Right Out: 58.111+/-0.015 χ^2/NDF: 312938.5/18

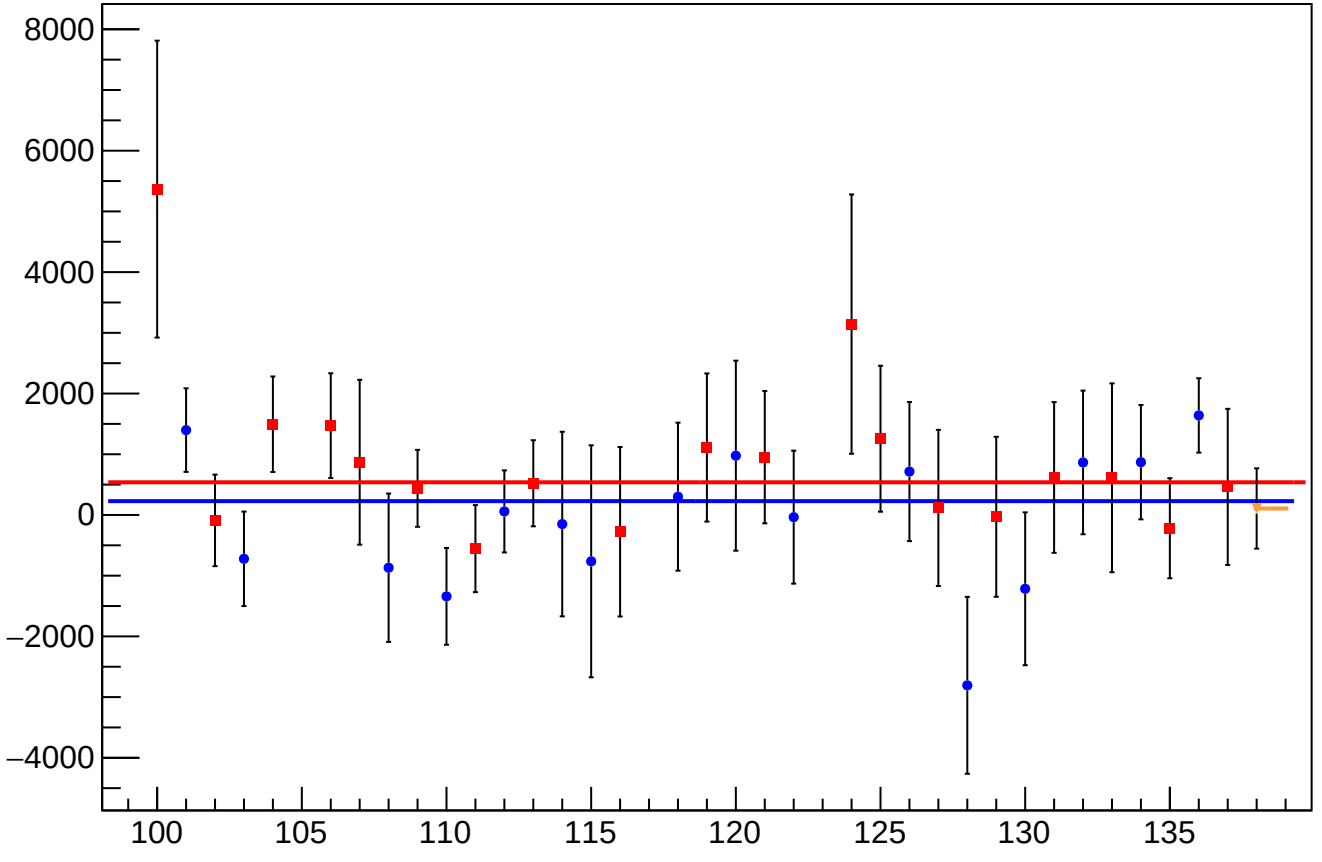
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.817+/-0.014 χ^2/NDF: 341665.5/16

All: 57.425+/-0.010 χ^2/NDF: 658396.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: 227.547+/-241.227 χ^2/NDF: 21.6/15

Left Out: 106.599+/-661.324 χ^2/NDF:0.0/0

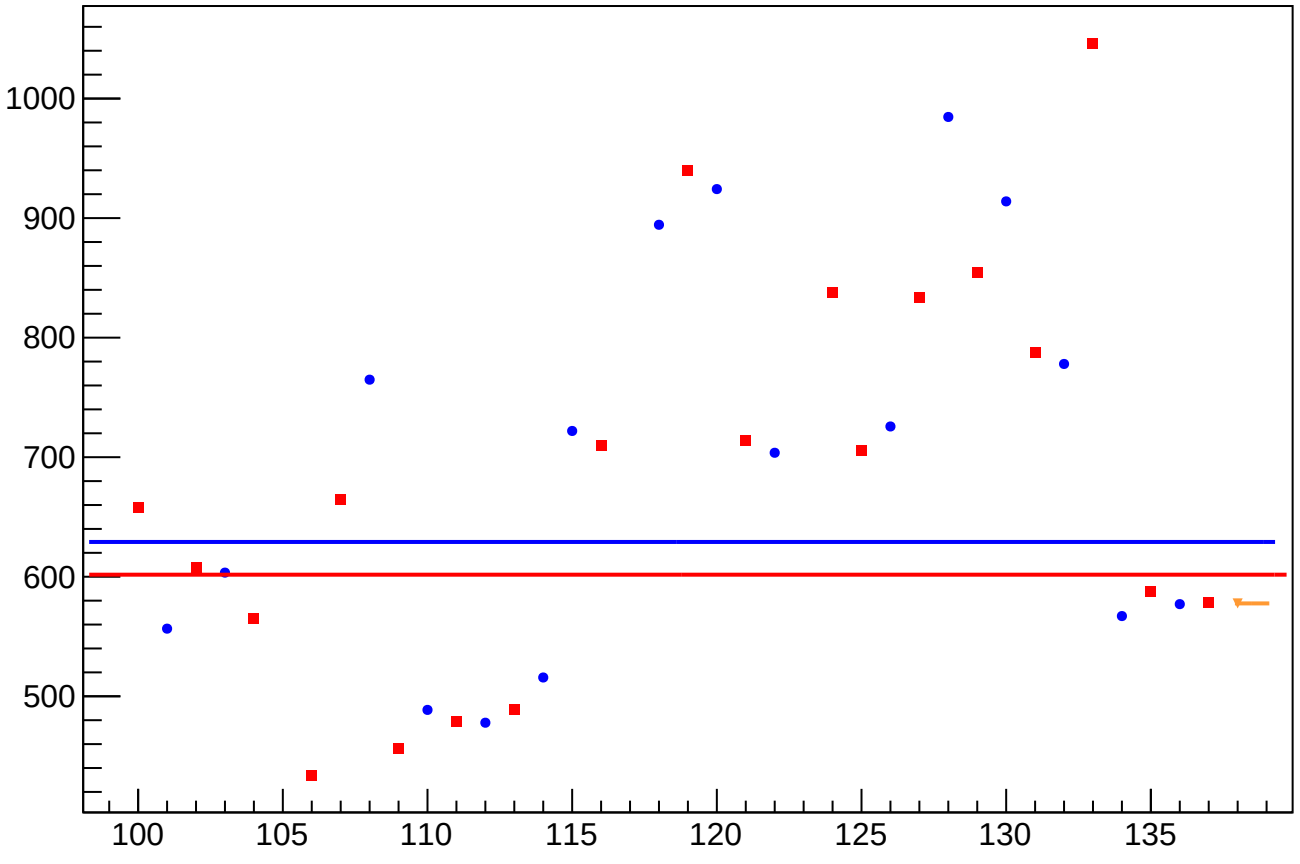
Right Out: 538.117+/-228.754 χ^2/NDF: 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.344+/-226.621 χ^2/NDF: 21.7/16

All: 374.209+/-160.994 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 629.101+/-0.171 χ^2/NDF: 692716.0/15

Left Out: 577.689+/-0.468 χ^2/NDF:0.0/0

Right Out: 601.721+/-0.162 χ^2/NDF: 874042.1/18

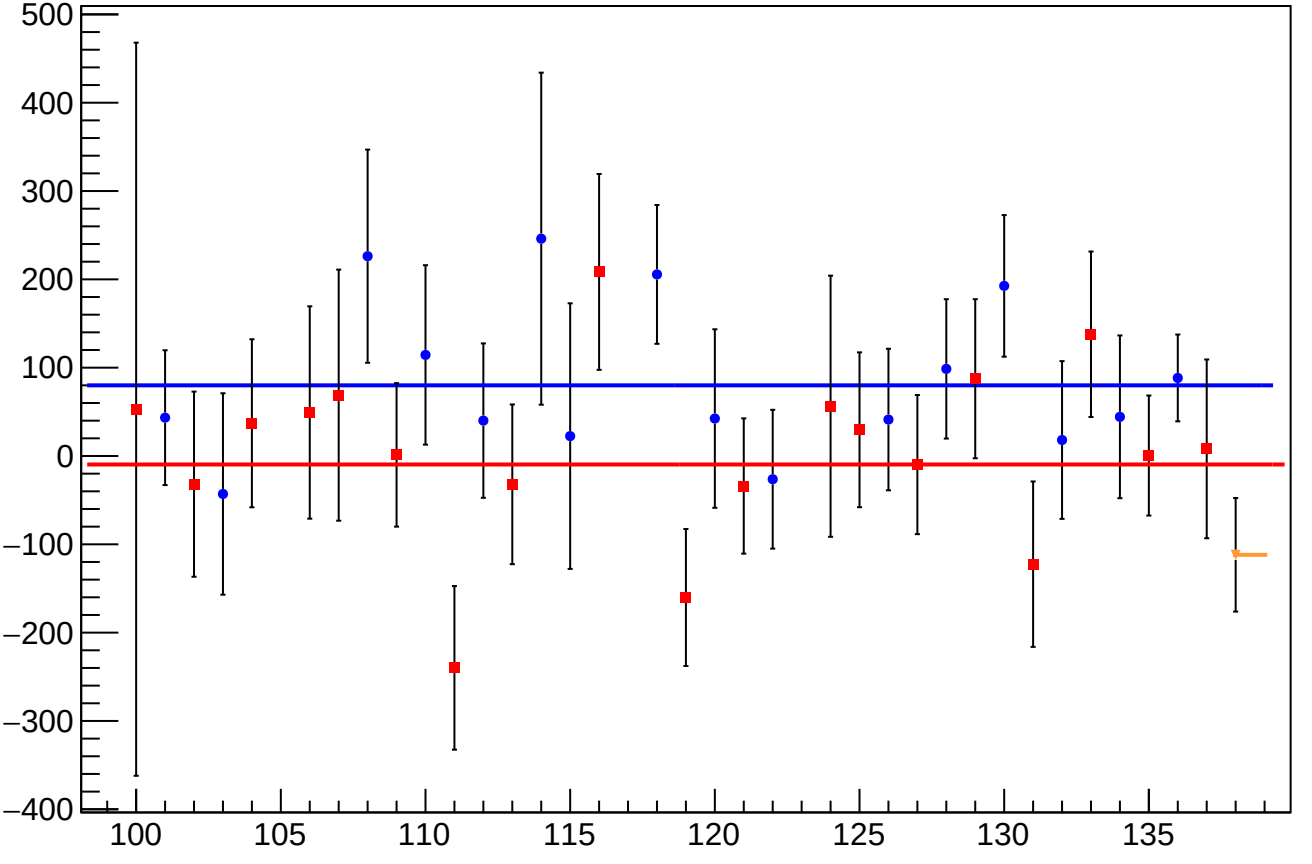
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 623.063+/-0.160 χ^2/NDF: 703383.9/16

All: 612.492+/-0.114 χ^2/NDF: 1586212.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 79.998+/-21.474 χ^2/NDF: 11.6/15

Left Out: -111.893+/-64.299 χ^2/NDF:0.0/0

Right Out: -9.619+/-21.631 χ^2/NDF: 20.4/18

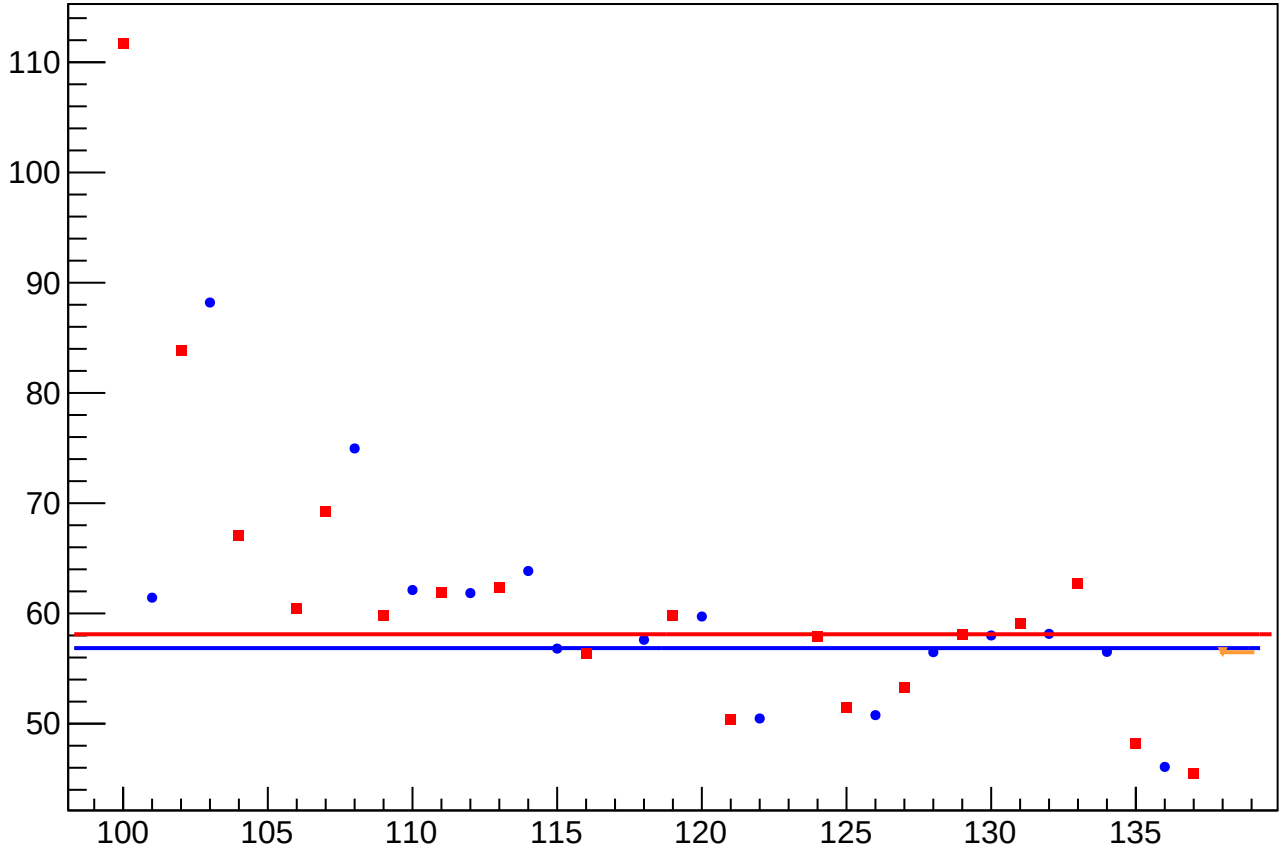
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 60.742+/-20.368 χ^2/NDF: 19.6/16

All: 27.675+/-14.829 χ^2/NDF: 45.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 56.854+/-0.015 χ^2/NDF: 341605.0/15

Left Out: 56.481+/-0.045 χ^2/NDF:0.0/0

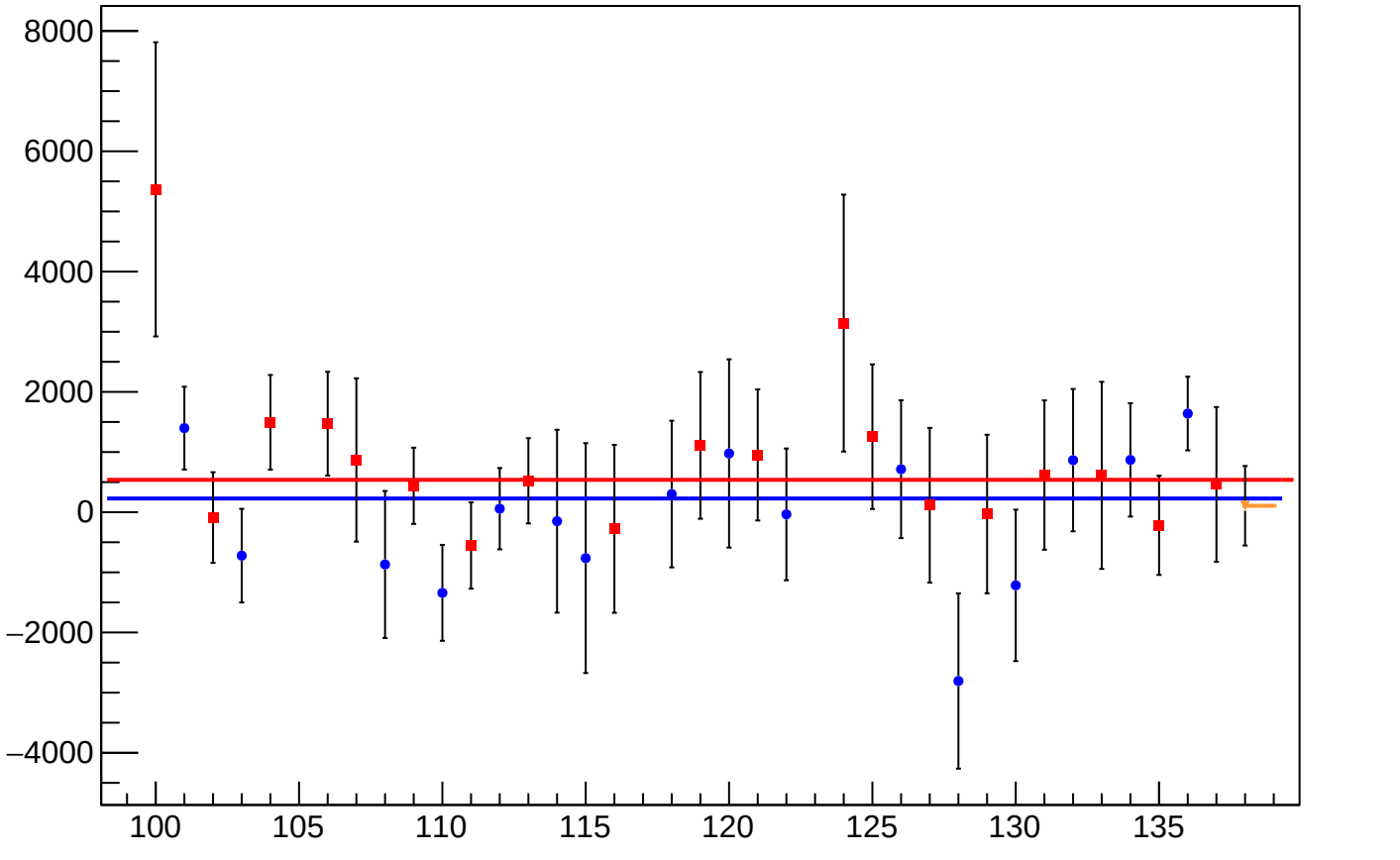
Right Out: 58.111+/-0.015 χ^2/NDF: 312938.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.817+/-0.014 χ^2/NDF: 341665.5/16

All: 57.425+/-0.010 χ^2/NDF: 658396.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 227.547+/-241.227 χ^2/NDF: 21.6/15

Left Out: 106.599+/-661.324 χ^2/NDF:0.0/0

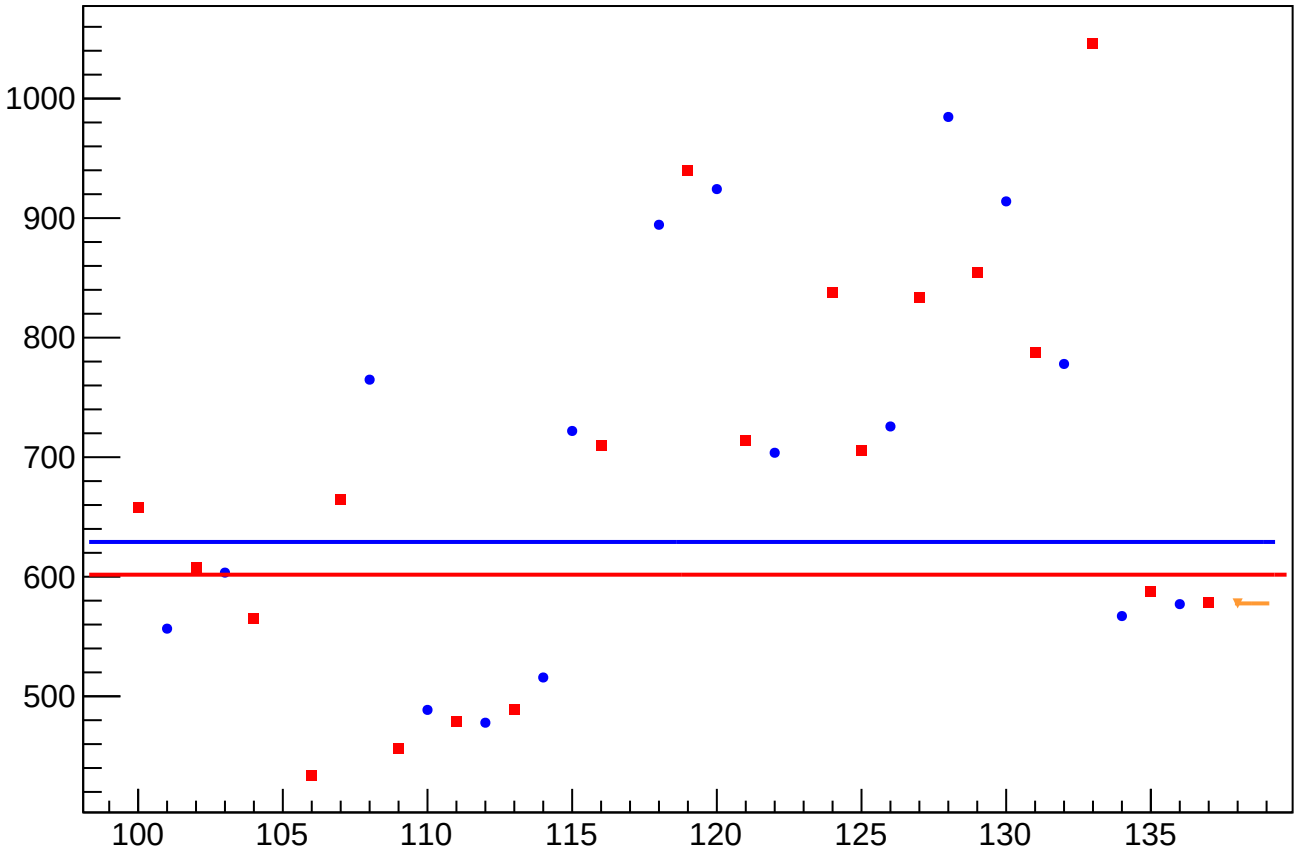
Right Out: 538.117+/-228.754 χ^2/NDF: 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.344+/-226.621 χ^2/NDF: 21.7/16

All: 374.209+/-160.994 χ^2/NDF: 36.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 629.101+/-0.171 χ^2/NDF: 692716.0/15

Left Out: 577.689+/-0.468 χ^2/NDF:0.0/0

Right Out: 601.721+/-0.162 χ^2/NDF: 874042.1/18

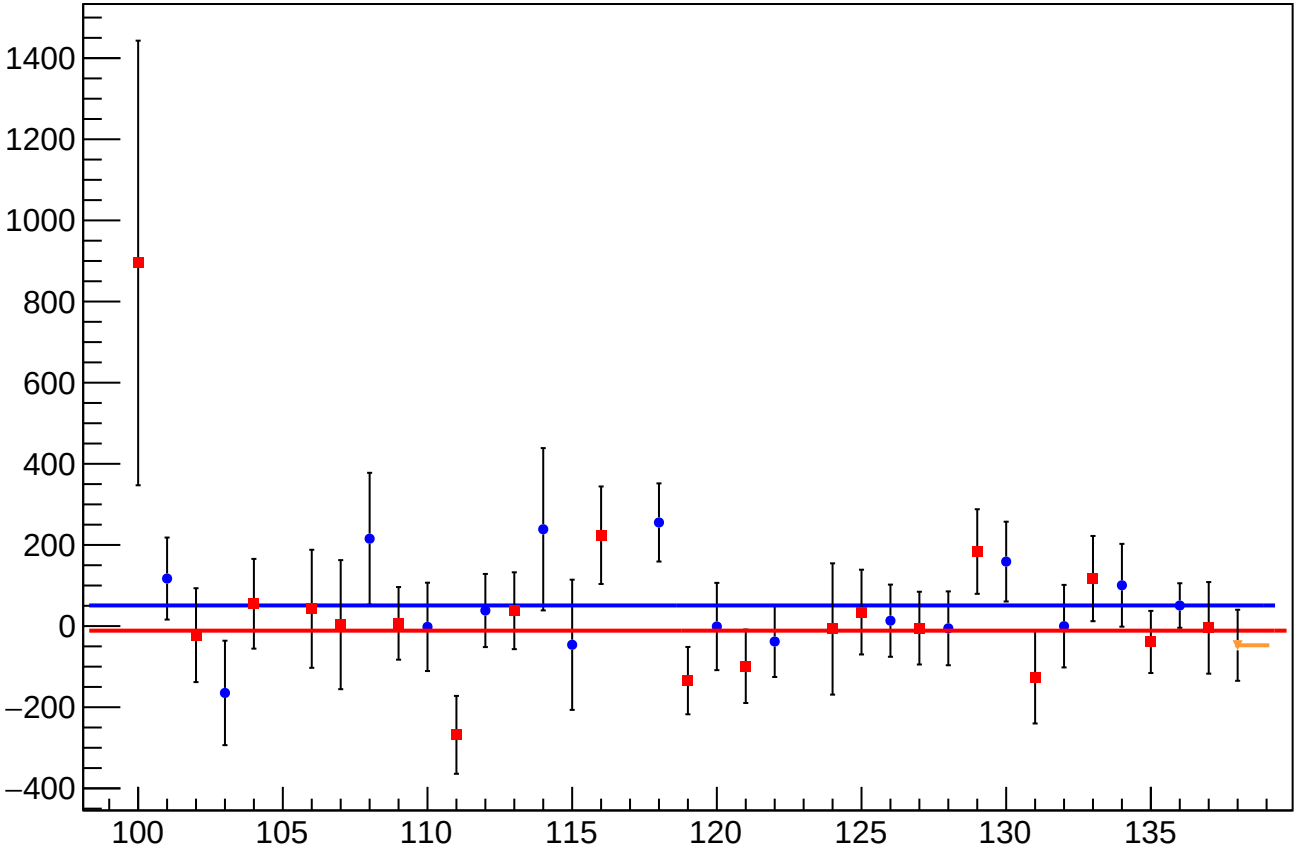
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 623.063+/-0.160 χ^2/NDF: 703383.9/16

All: 612.492+/-0.114 χ^2/NDF: 1586212.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 50.861+/-24.492 χ^2/NDF: 13.8/15

Left Out: -47.291+/-87.568 χ^2/NDF:0.0/0

Right Out: -11.261+/-24.324 χ^2/NDF: 24.0/18

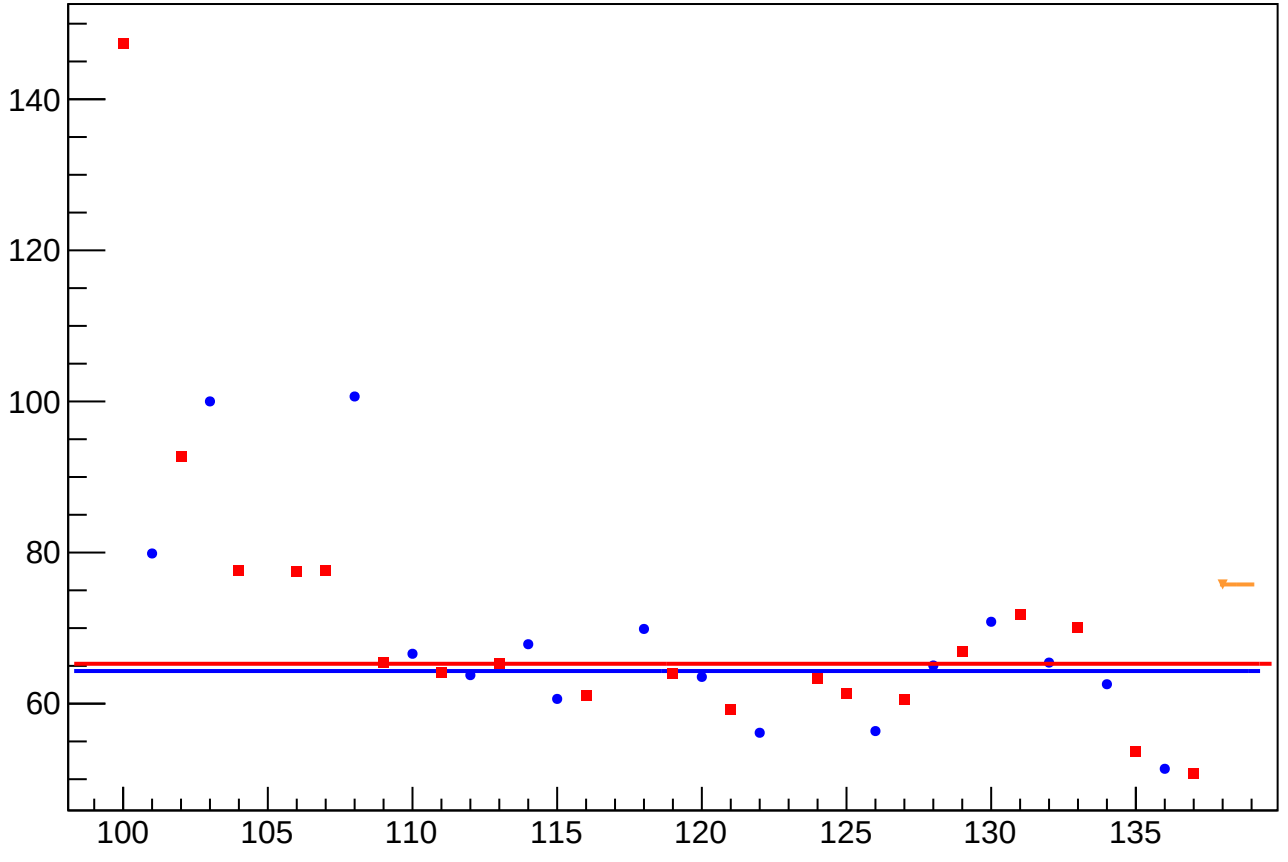
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.739+/-23.587 χ^2/NDF: 15.0/16

All: 17.086+/-16.933 χ^2/NDF: 41.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 64.317+/-0.017 χ^2/NDF: 464952.4/15

Left Out: 75.776+/-0.062 χ^2/NDF:0.0/0

Right Out: 65.277+/-0.017 χ^2/NDF: 319136.6/18

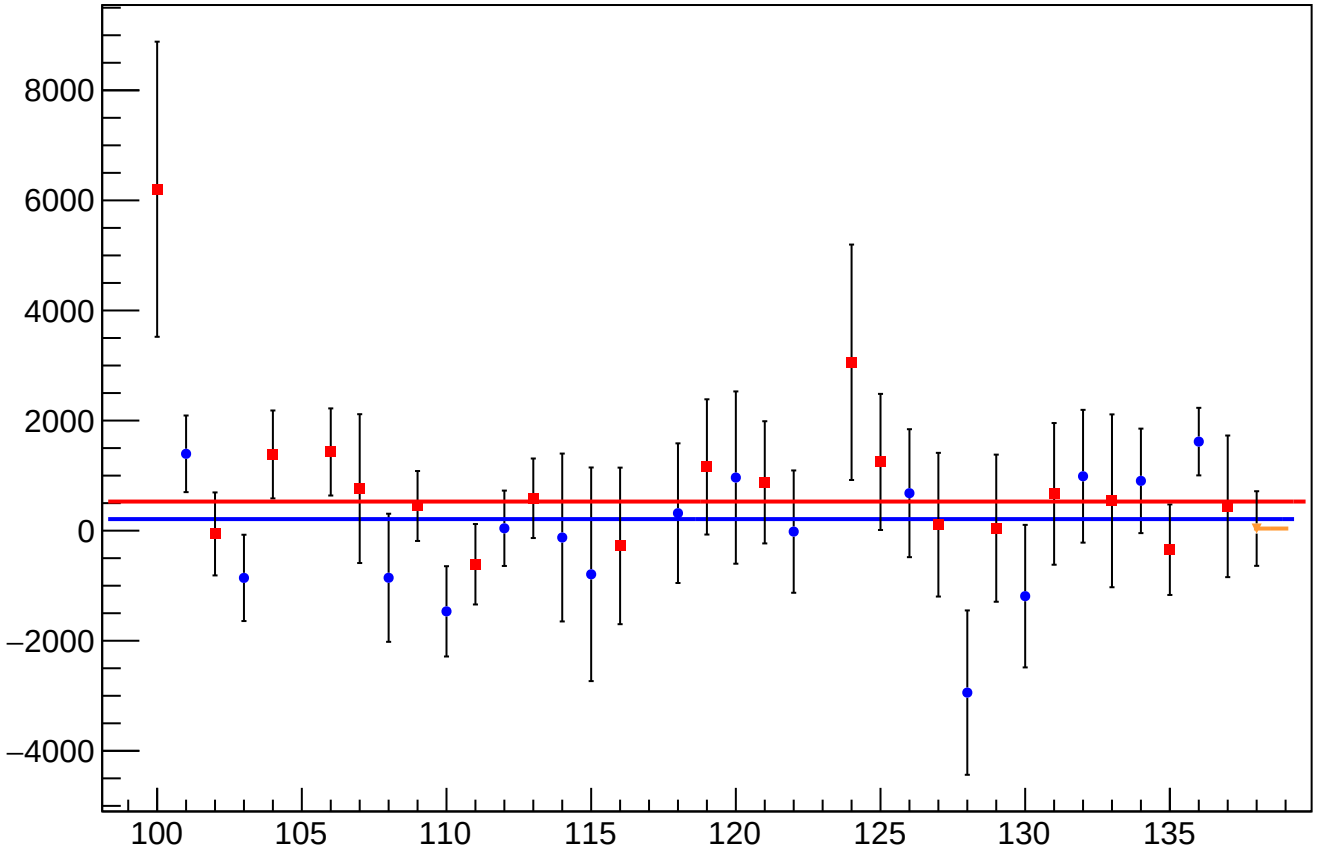
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 65.148+/-0.017 χ^2/NDF: 496716.3/16

All: 65.211+/-0.012 χ^2/NDF: 815881.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: 210.018+/-243.798 χ^2/NDF: 22.4/15

Left Out: 38.550+/-677.848 χ^2/NDF:0.0/0

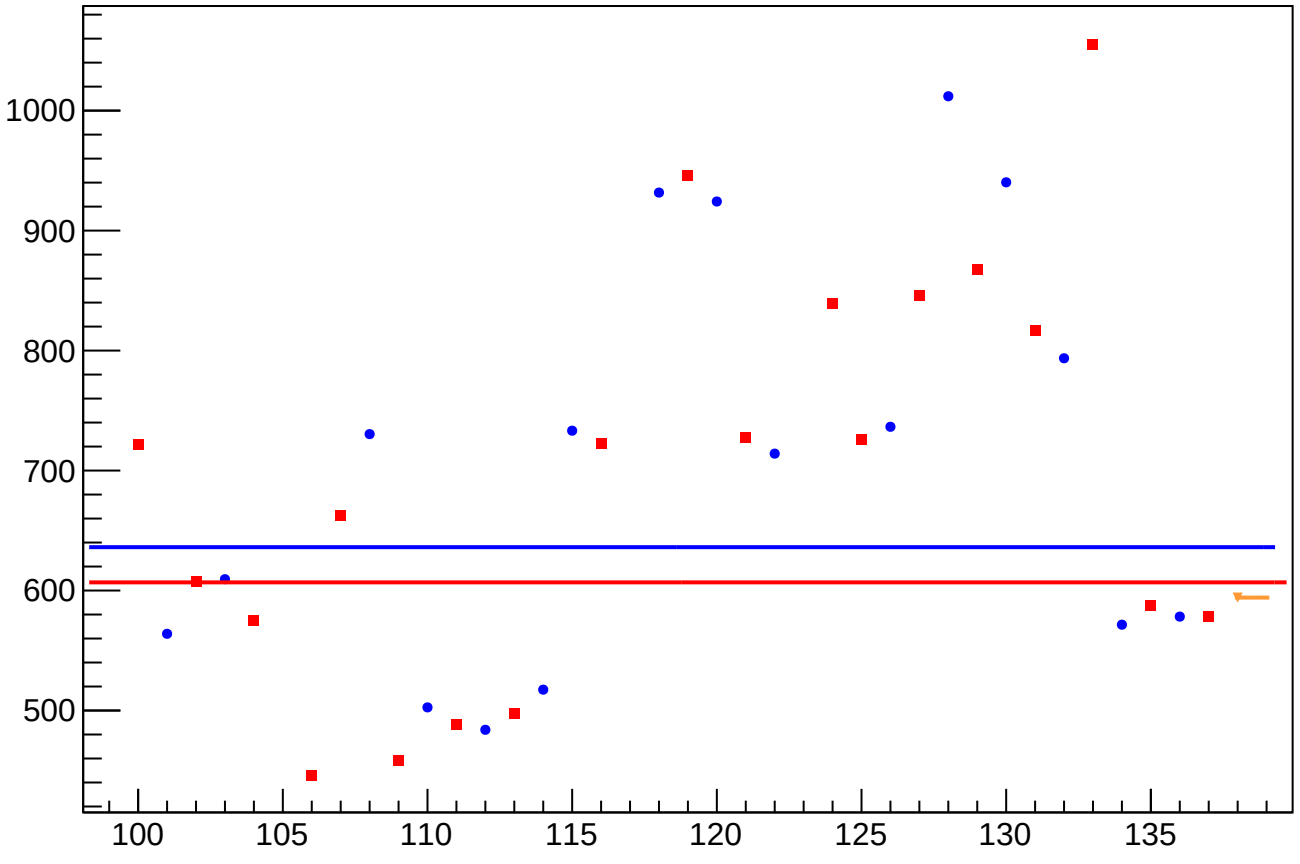
Right Out: 528.675+/-229.679 χ^2/NDF: 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 190.377+/-229.411 χ^2/NDF: 22.5/16

All: 359.329+/-162.313 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 636.144+/-0.172 χ^2/NDF: 705237.7/15

Left Out: 594.116+/-0.479 χ^2/NDF:0.0/0

Right Out: 606.803+/-0.162 χ^2/NDF: 893878.7/18

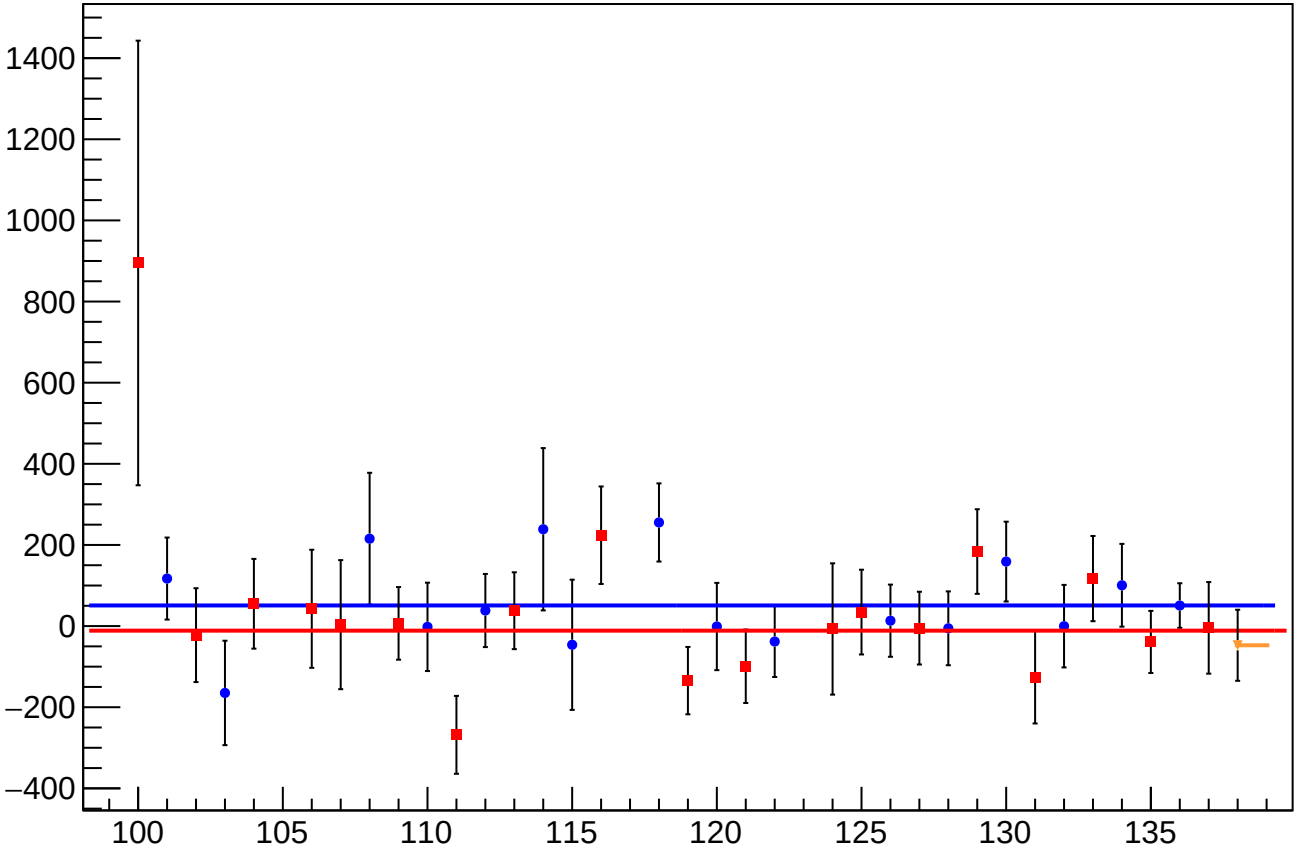
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 631.330+/-0.162 χ^2/NDF: 712045.7/16

All: 619.081+/-0.115 χ^2/NDF: 1617341.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 50.859+/-24.492 χ^2/NDF: 13.8/15

Left Out: -47.290+/-87.567 χ^2/NDF:0.0/0

Right Out: -11.261+/-24.324 χ^2/NDF: 24.0/18

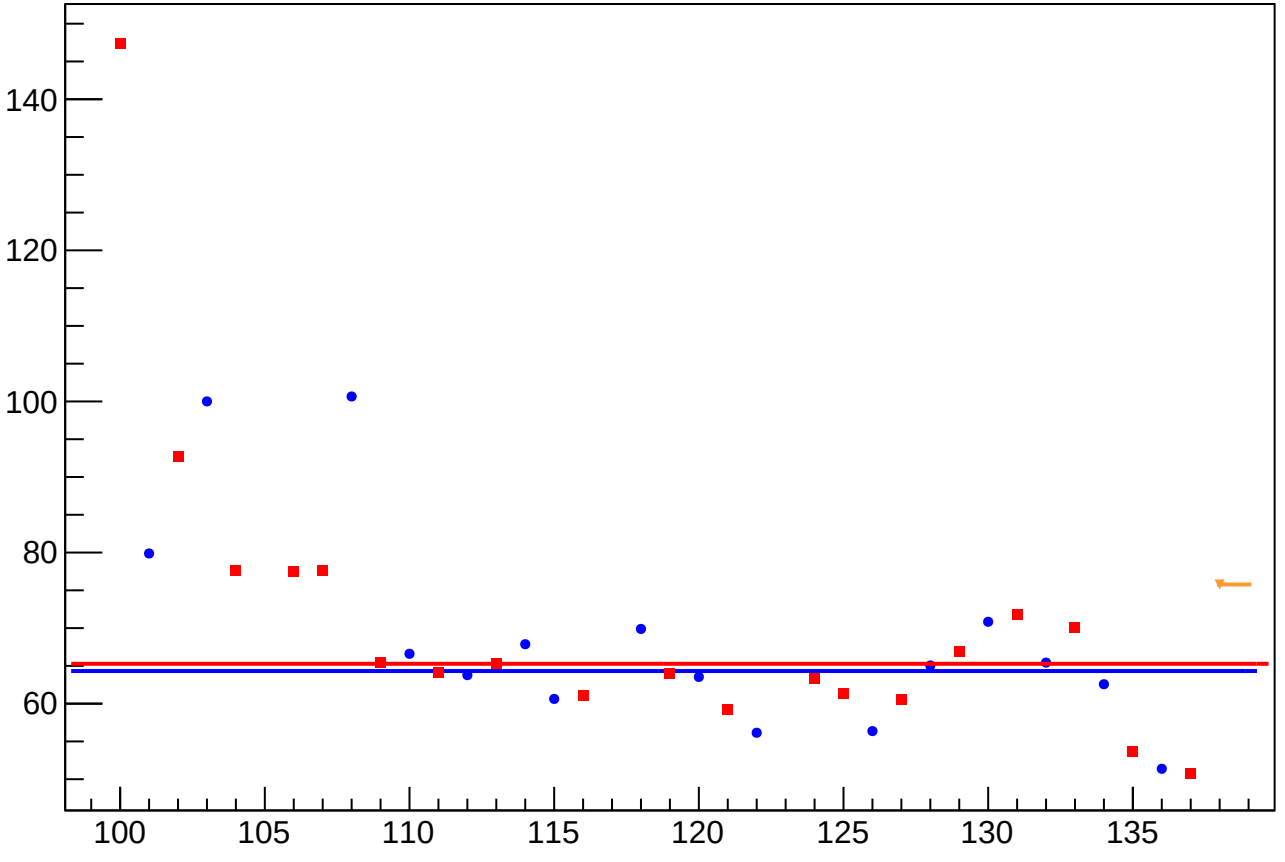
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.738+/-23.587 χ^2/NDF: 15.0/16

All: 17.085+/-16.933 χ^2/NDF: 41.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 64.317+/-0.017 χ^2/NDF: 464950.5/15

Left Out: 75.775+/-0.062 χ^2/NDF:0.0/0

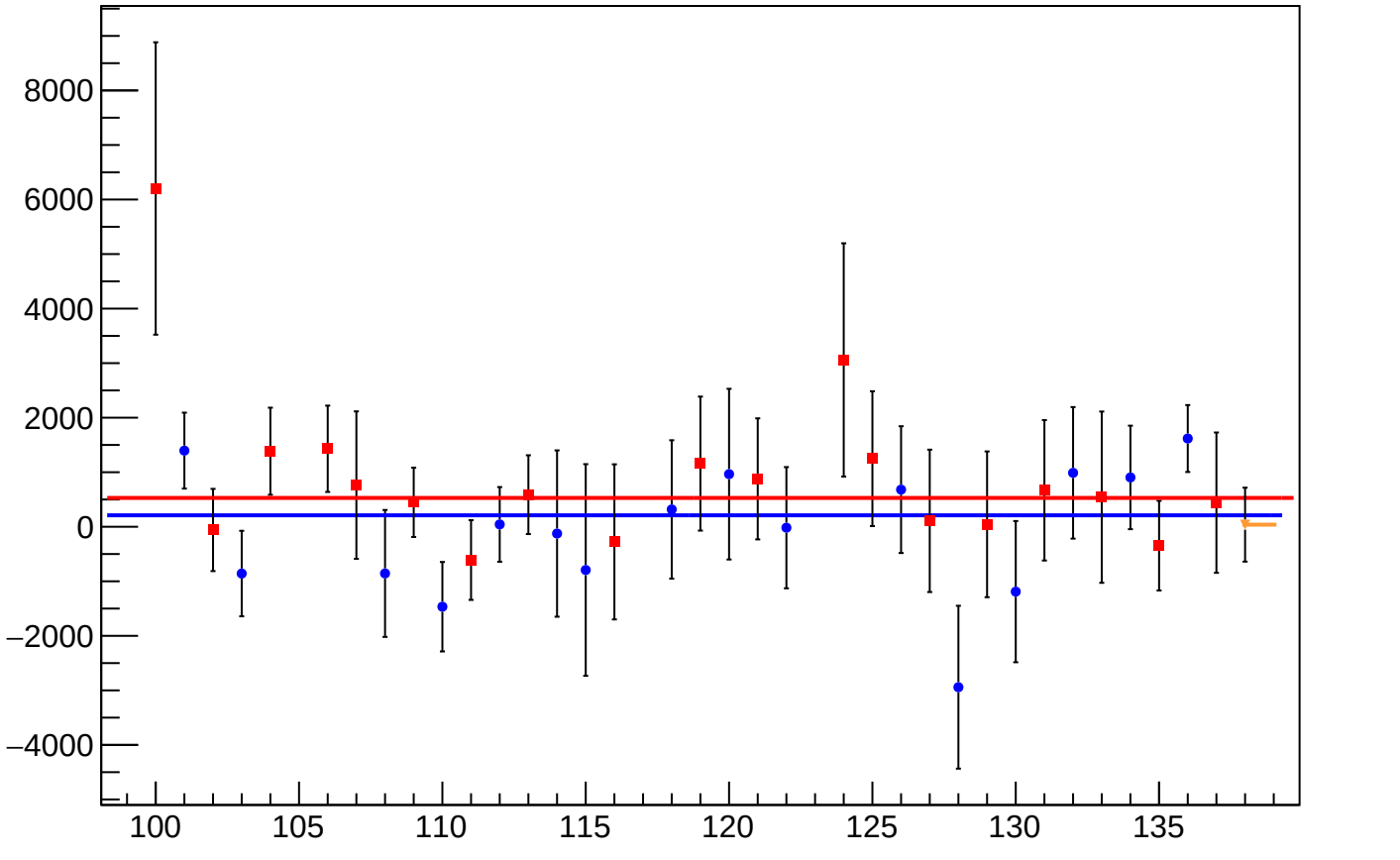
Right Out: 65.277+/-0.017 χ^2/NDF: 319140.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 65.148+/-0.017 χ^2/NDF: 496712.0/16

All: 65.211+/-0.012 χ^2/NDF: 815881.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 210.017+/-243.798 χ^2/NDF: 22.4/15

Left Out: 38.552+/-677.845 χ^2/NDF:0.0/0

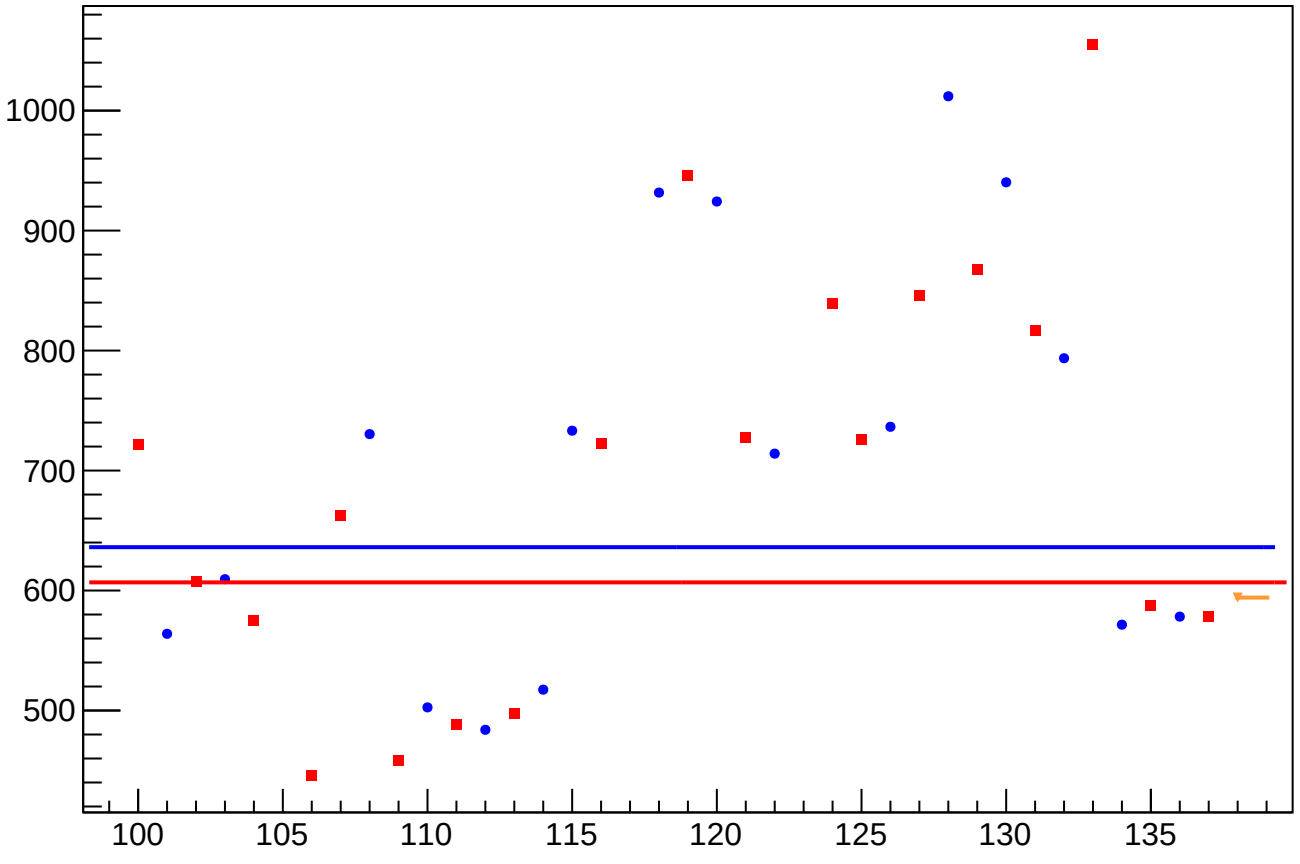
Right Out: 528.674+/-229.678 χ^2/NDF: 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 190.377+/-229.411 χ^2/NDF: 22.5/16

All: 359.328+/-162.312 χ^2/NDF: 37.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 636.144+/-0.172 χ^2/NDF: 705241.1/15

Left Out: 594.113+/-0.479 χ^2/NDF:0.0/0

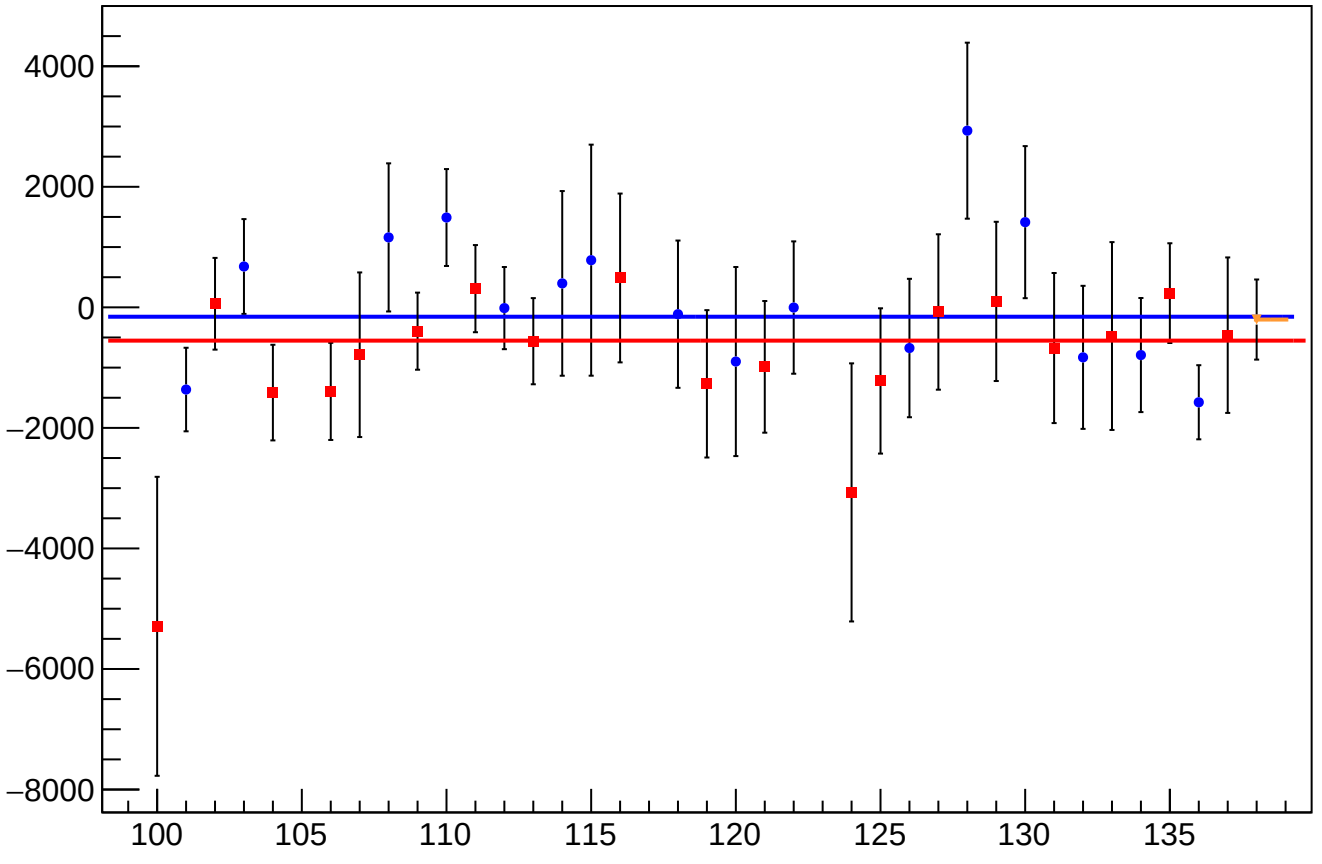
Right Out: 606.802+/-0.162 χ^2/NDF: 893880.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 631.329+/-0.162 χ^2/NDF: 712049.9/16

All: 619.080+/-0.115 χ^2/NDF: 1617347.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -155.651+/-242.595 χ^2/NDF: 22.5/15

Left Out: -202.448+/-664.624 χ^2/NDF:0.0/0

Right Out: -552.176+/-228.890 χ^2/NDF: 12.1/18

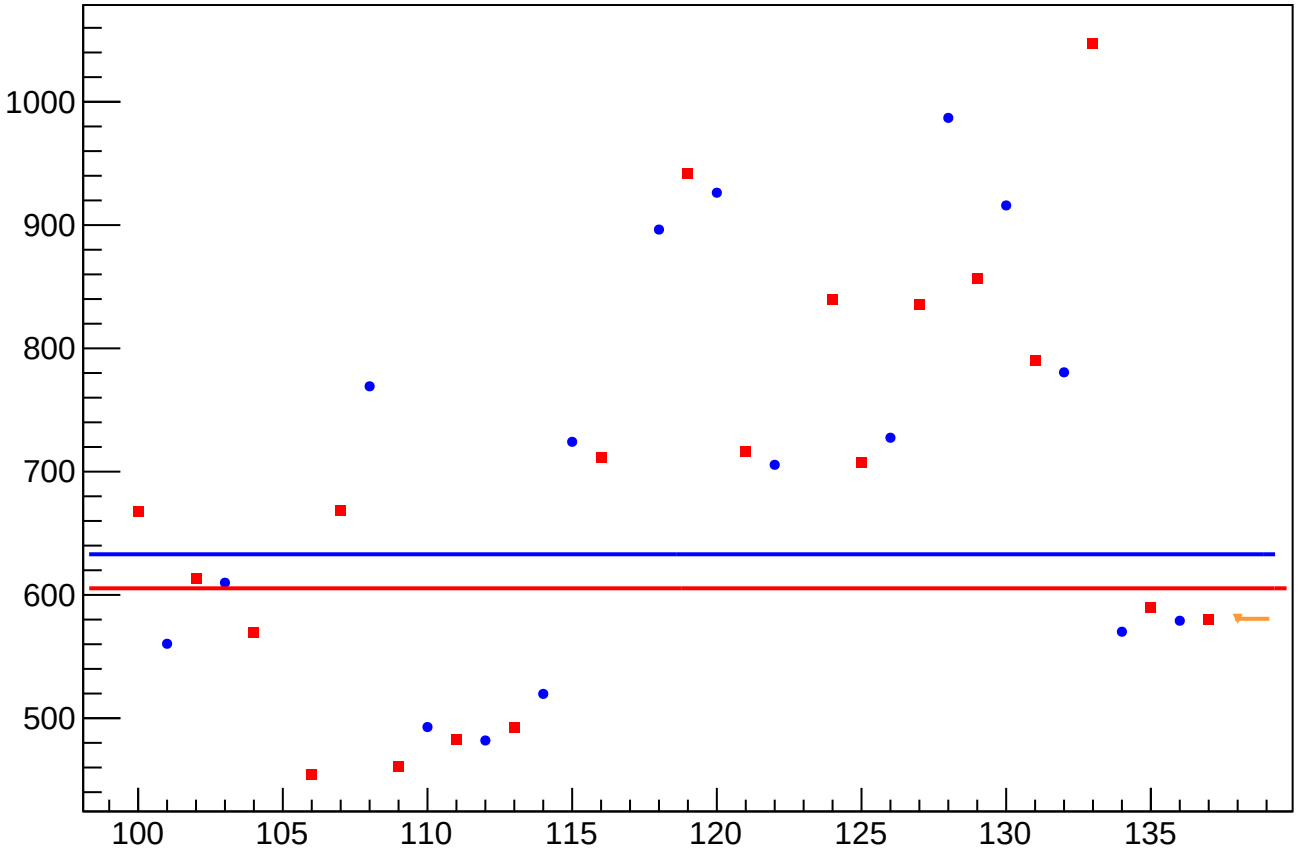
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -161.153+/-227.889 χ^2/NDF: 22.5/16

All: -355.807+/-161.494 χ^2/NDF: 36.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 632.966+/-0.172 χ^2/NDF: 681138.4/15

Left Out: 580.645+/-0.470 χ^2/NDF:0.0/0

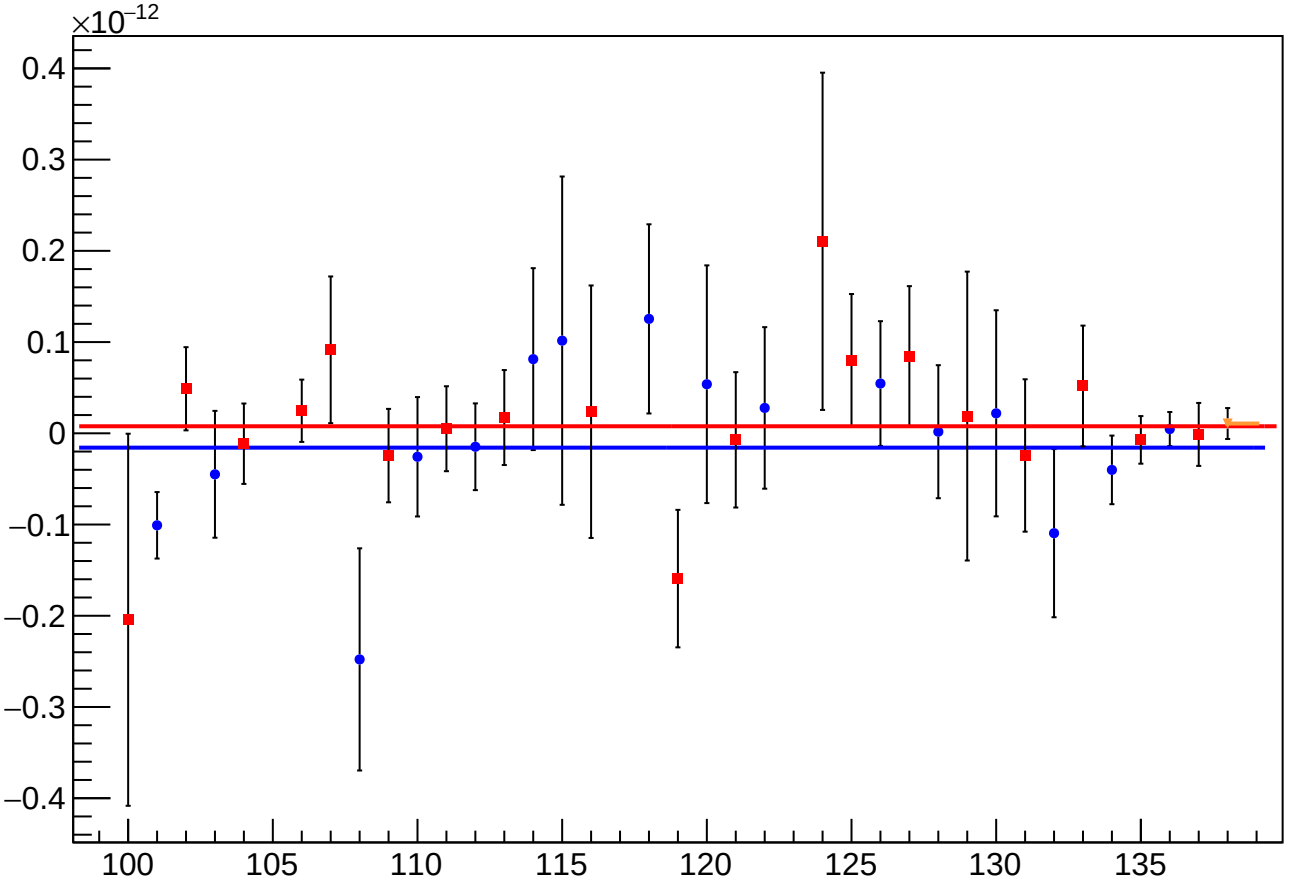
Right Out: 605.373+/-0.162 χ^2/NDF: 853994.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 626.815+/-0.161 χ^2/NDF: 692076.0/16

All: 616.141+/-0.114 χ^2/NDF: 1554883.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

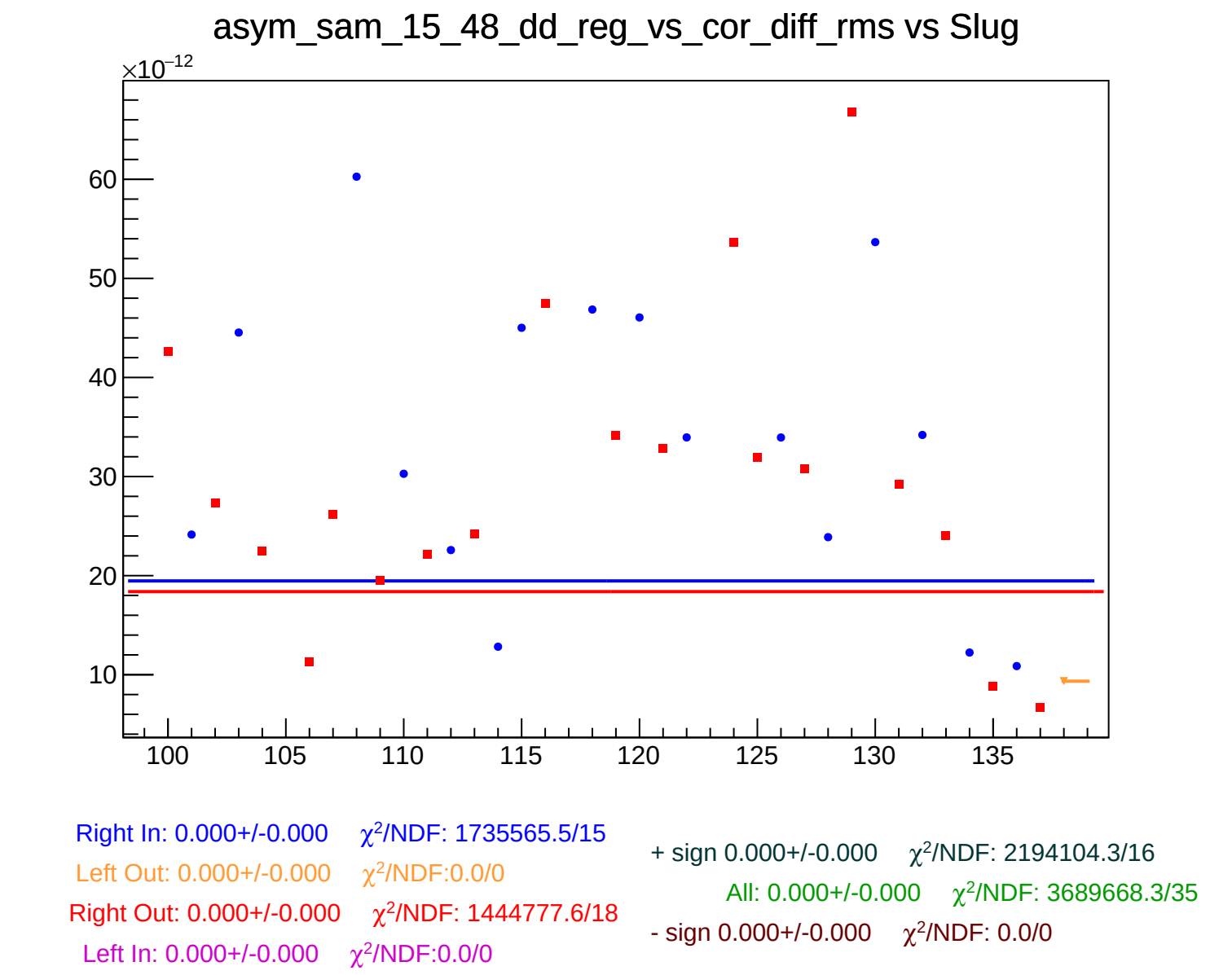
Right Out: 0.000+/-0.000 χ^2/NDF: 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

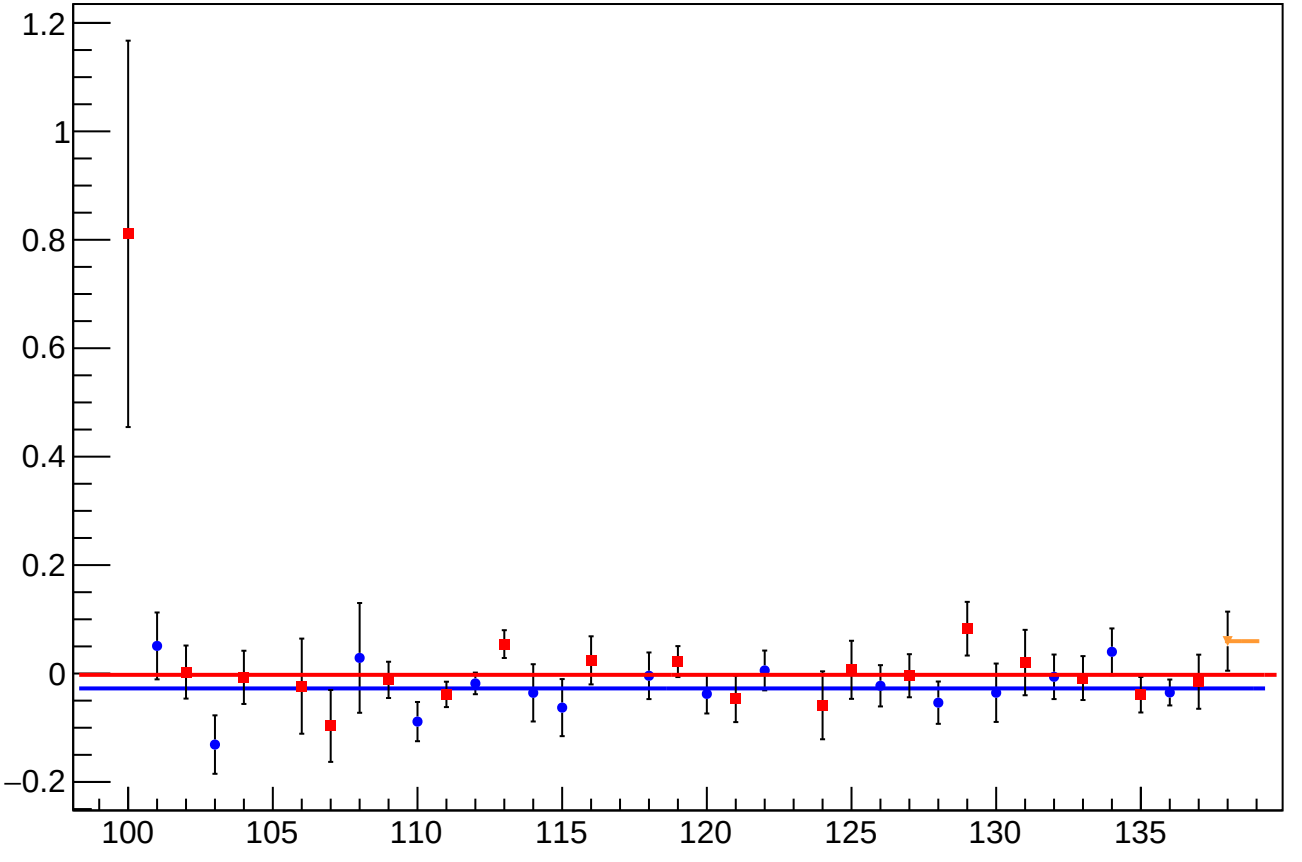
+ sign -0.000+/-0.000 χ^2/NDF: 18.5/16

All: -0.000+/-0.000 χ^2/NDF: 32.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug
×10^−12
60
50
40
30
20
10
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1735565.5/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1444777.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2194104.3/16
All: 0.000+/-0.000 χ²/NDF: 3689668.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.027+/-0.009 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.055 χ^2/NDF:0.0/0

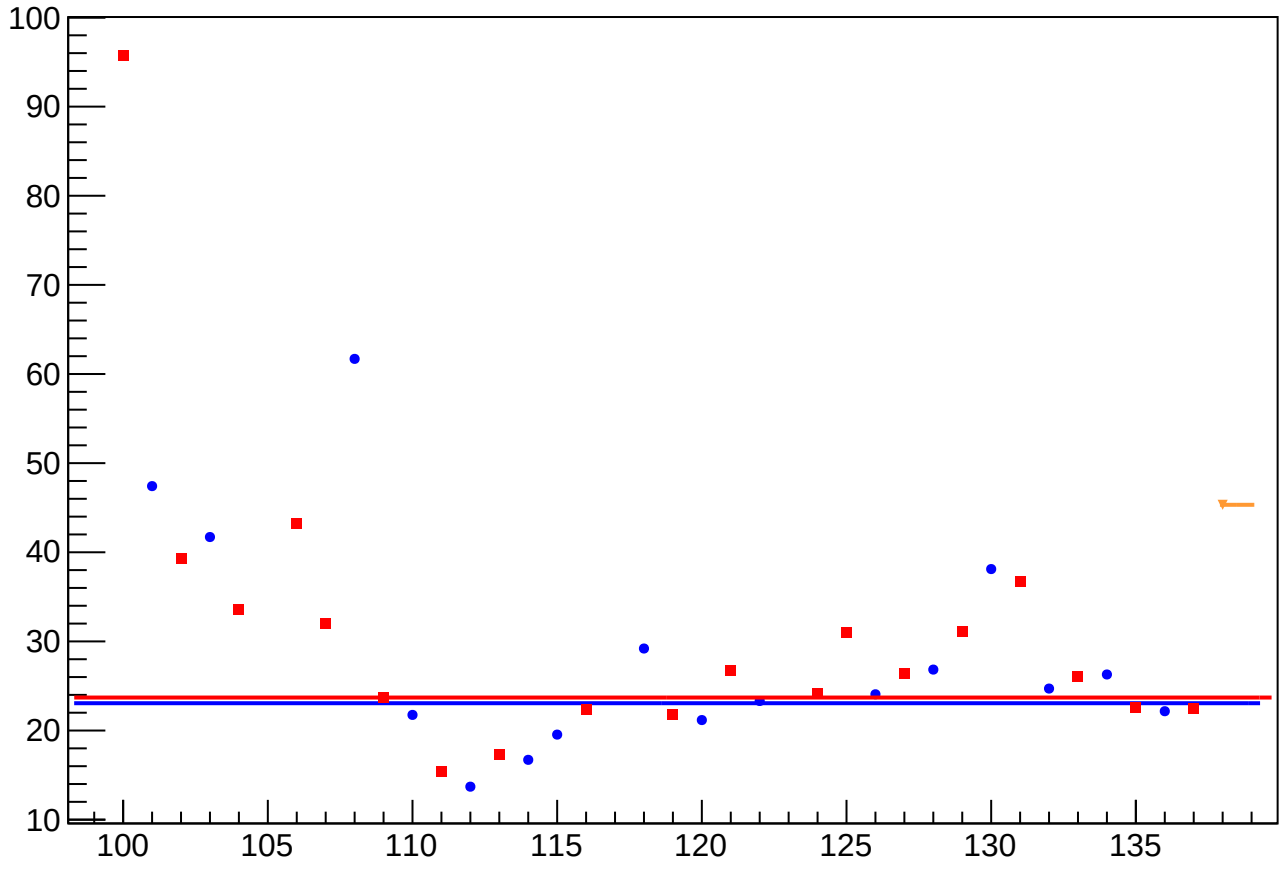
Right Out: -0.002+/-0.009 χ^2/NDF: 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.025+/-0.009 χ^2/NDF: 16.1/16

All: -0.014+/-0.007 χ^2/NDF: 41.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.066+/-0.007 χ^2/NDF: 1564478.6/15

Left Out: 45.326+/-0.039 χ^2/NDF:0.0/0

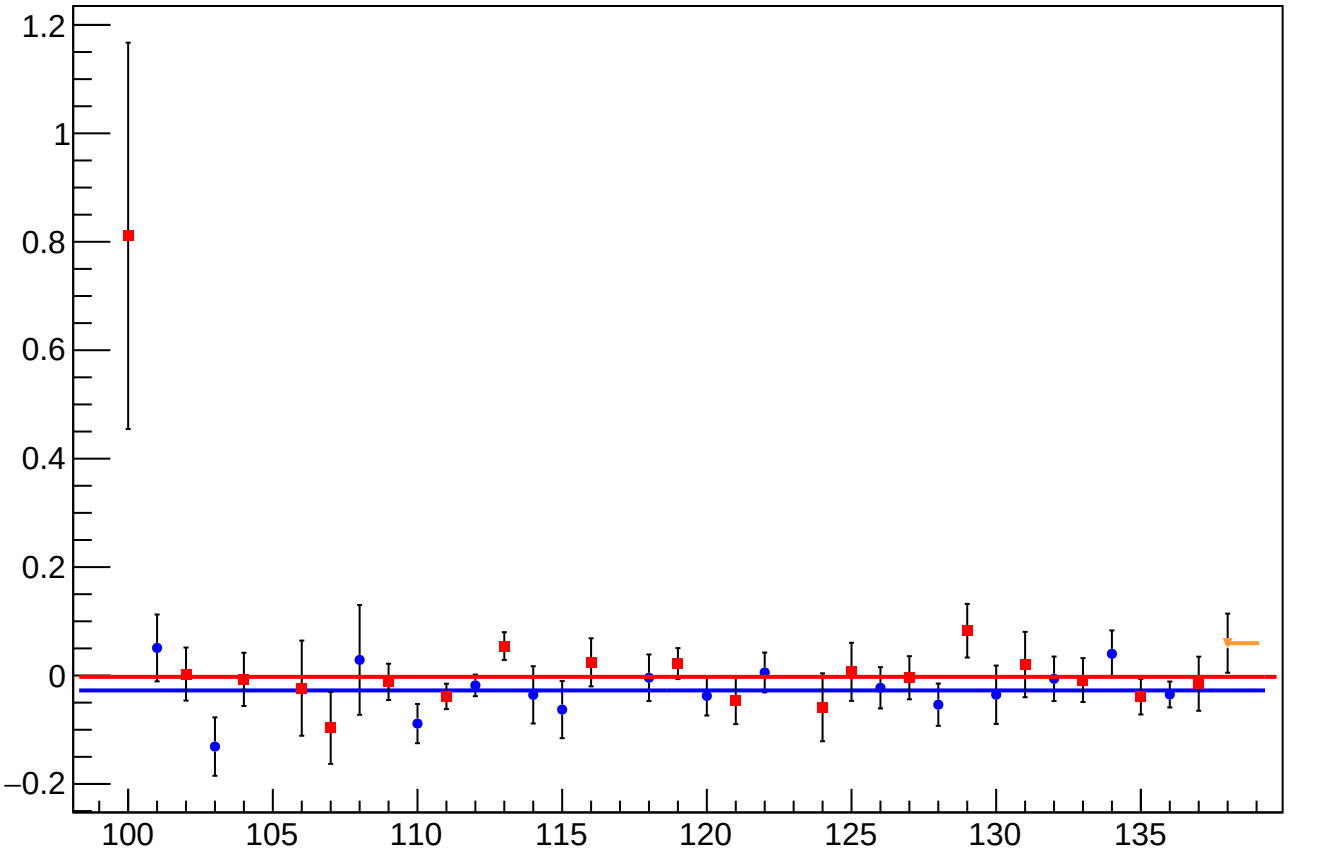
Right Out: 23.702+/-0.007 χ^2/NDF: 1088494.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.708+/-0.007 χ^2/NDF: 1888498.6/16

All: 23.705+/-0.005 χ^2/NDF: 2976993.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.027+/-0.009 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.055 χ^2/NDF:0.0/0

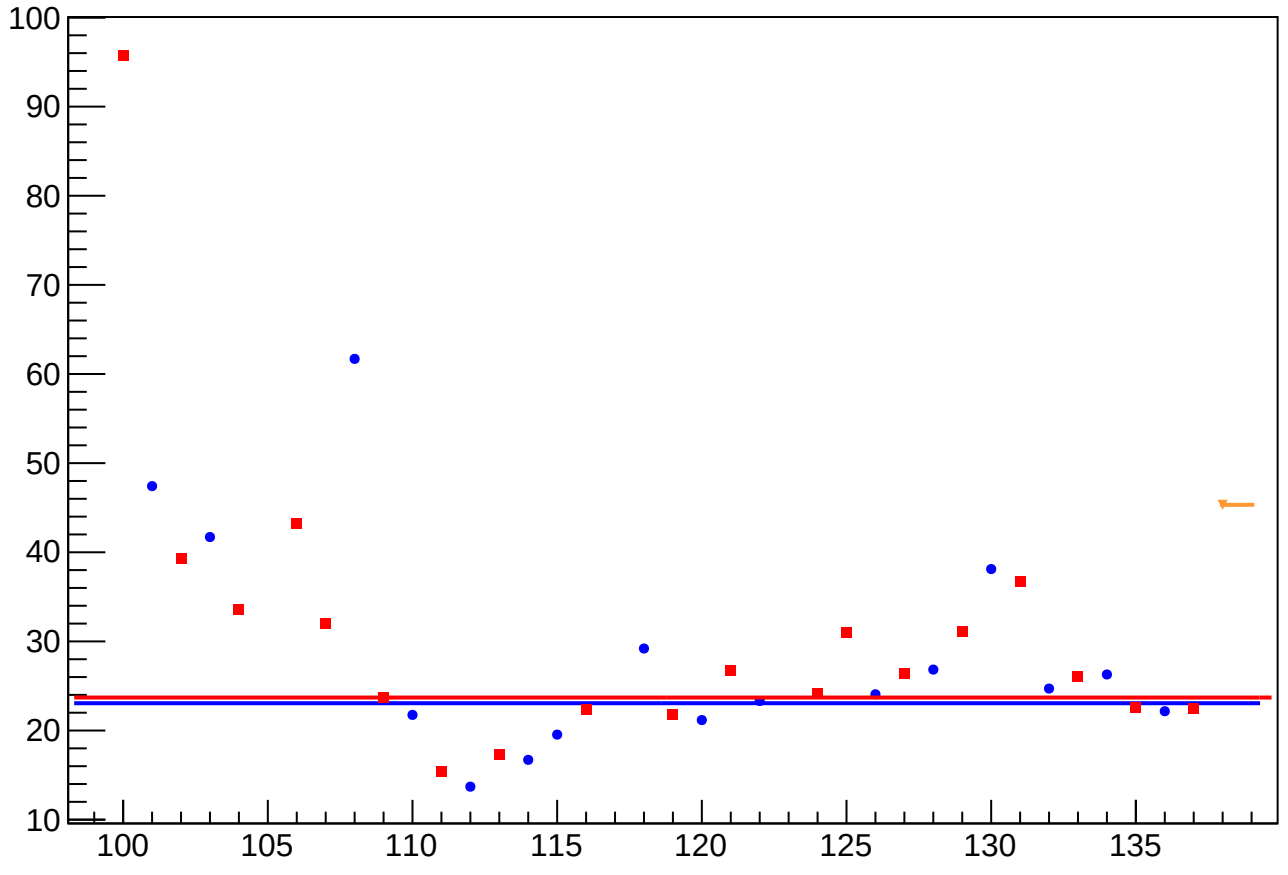
Right Out: -0.002+/-0.009 χ^2/NDF: 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.025+/-0.009 χ^2/NDF: 16.1/16

All: -0.014+/-0.007 χ^2/NDF: 41.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.066+/-0.007 χ^2/NDF: 1564478.6/15

Left Out: 45.326+/-0.039 χ^2/NDF:0.0/0

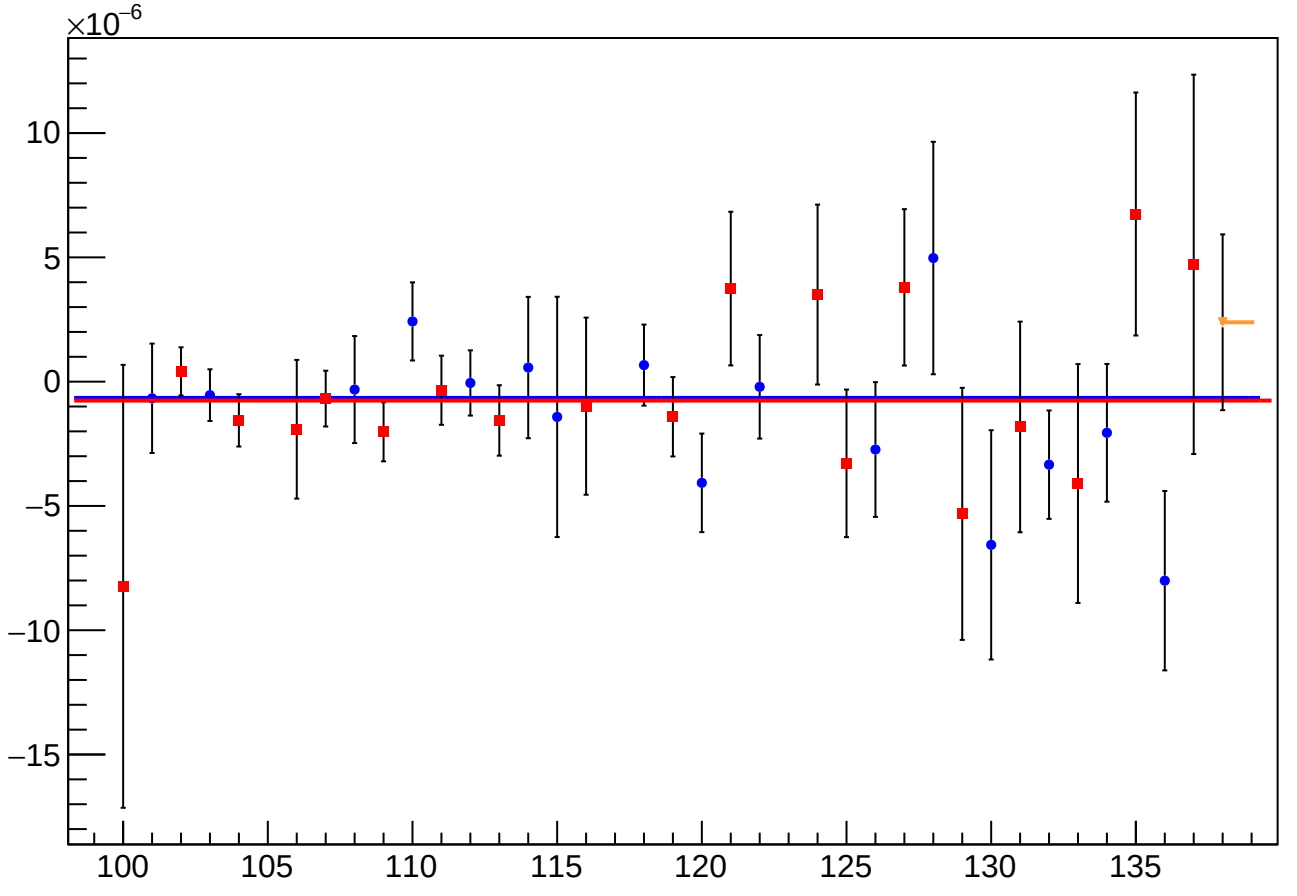
Right Out: 23.702+/-0.007 χ^2/NDF: 1088494.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.708+/-0.007 χ^2/NDF: 1888498.6/16

All: 23.705+/-0.005 χ^2/NDF: 2976993.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

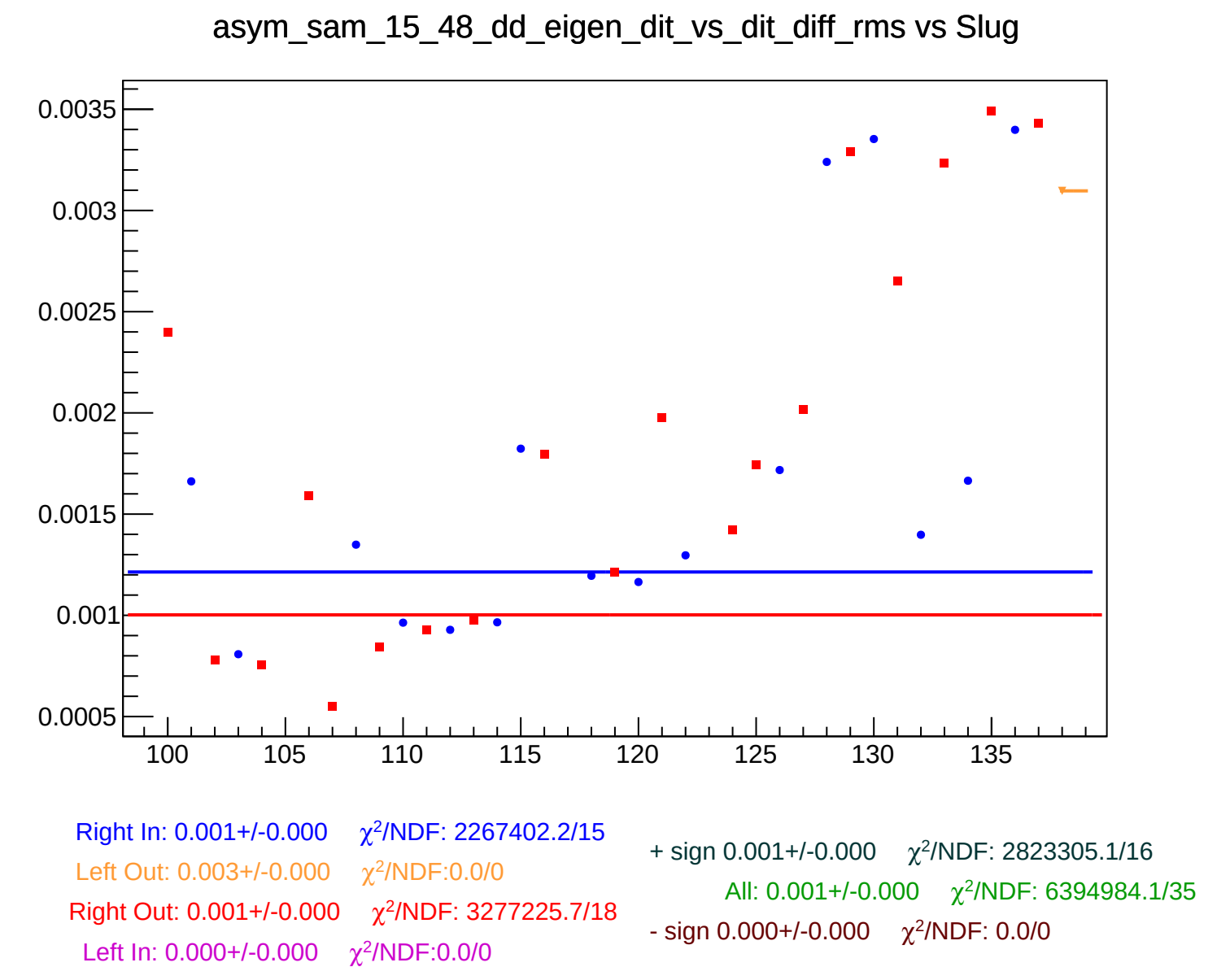
Right Out: -0.000+/-0.000 χ^2/NDF: 15.2/18

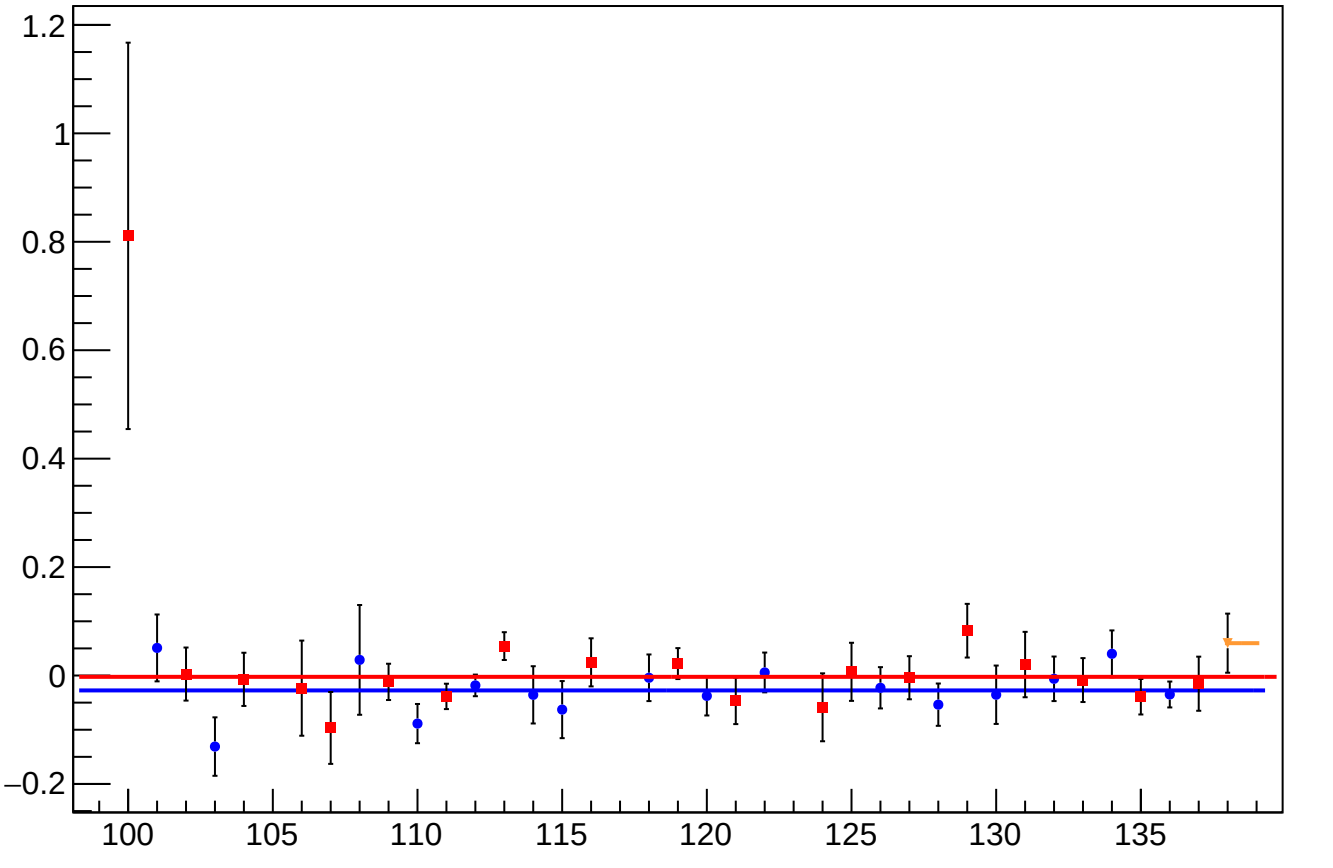
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.3/16

All: -0.000+/-0.000 χ^2/NDF: 33.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
100
105
110
115
120
125
130
135
Right In: 0.001+/-0.000 χ²/NDF: 2267402.2/15
Left Out: 0.003+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 3277225.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.001+/-0.000 χ²/NDF: 2823305.1/16
All: 0.001+/-0.000 χ²/NDF: 6394984.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -0.027+/-0.009 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.054 χ^2/NDF:0.0/0

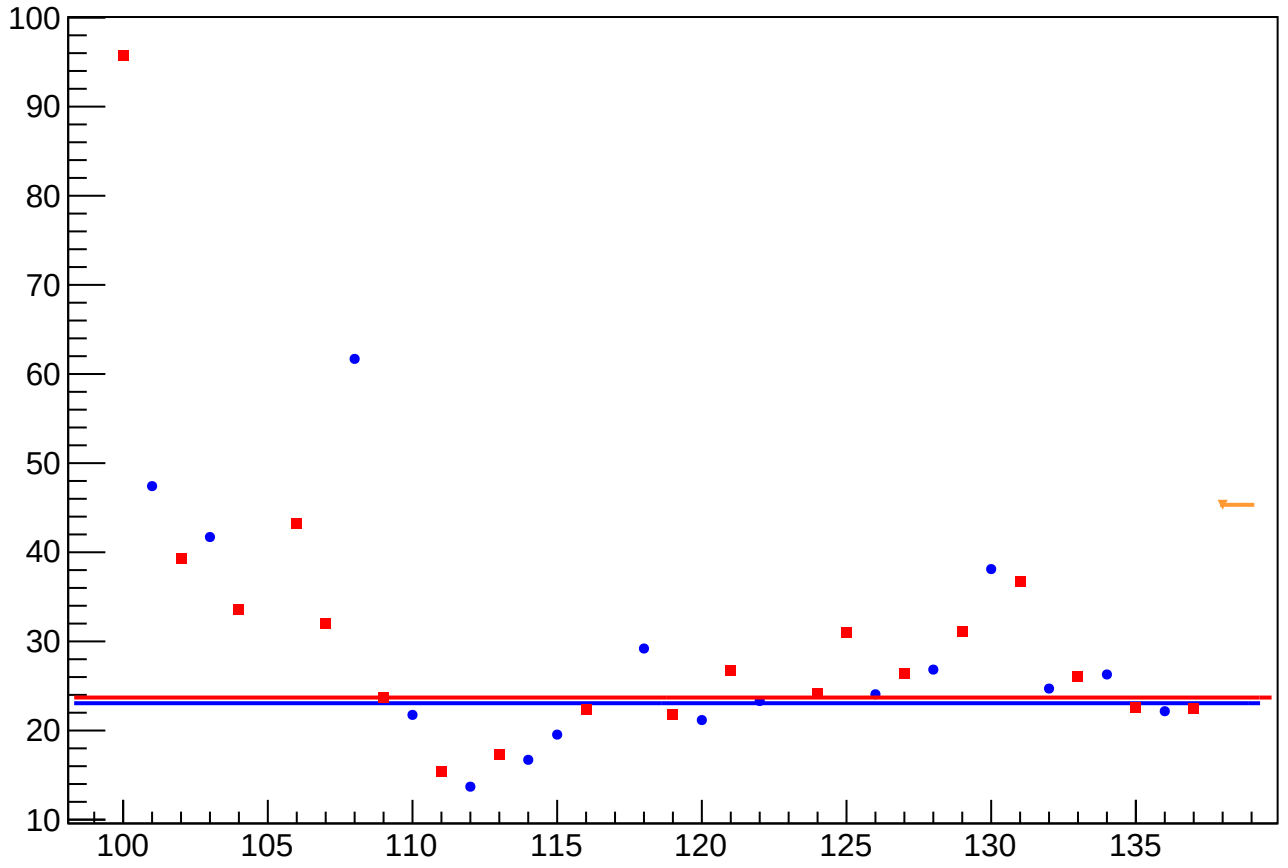
Right Out: -0.002+/-0.009 χ^2/NDF: 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.025+/-0.009 χ^2/NDF: 16.1/16

All: -0.014+/-0.007 χ^2/NDF: 41.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.065+/-0.007 χ^2/NDF: 1564493.0/15

Left Out: 45.325+/-0.039 χ^2/NDF:0.0/0

Right Out: 23.702+/-0.007 χ^2/NDF: 1088531.8/18

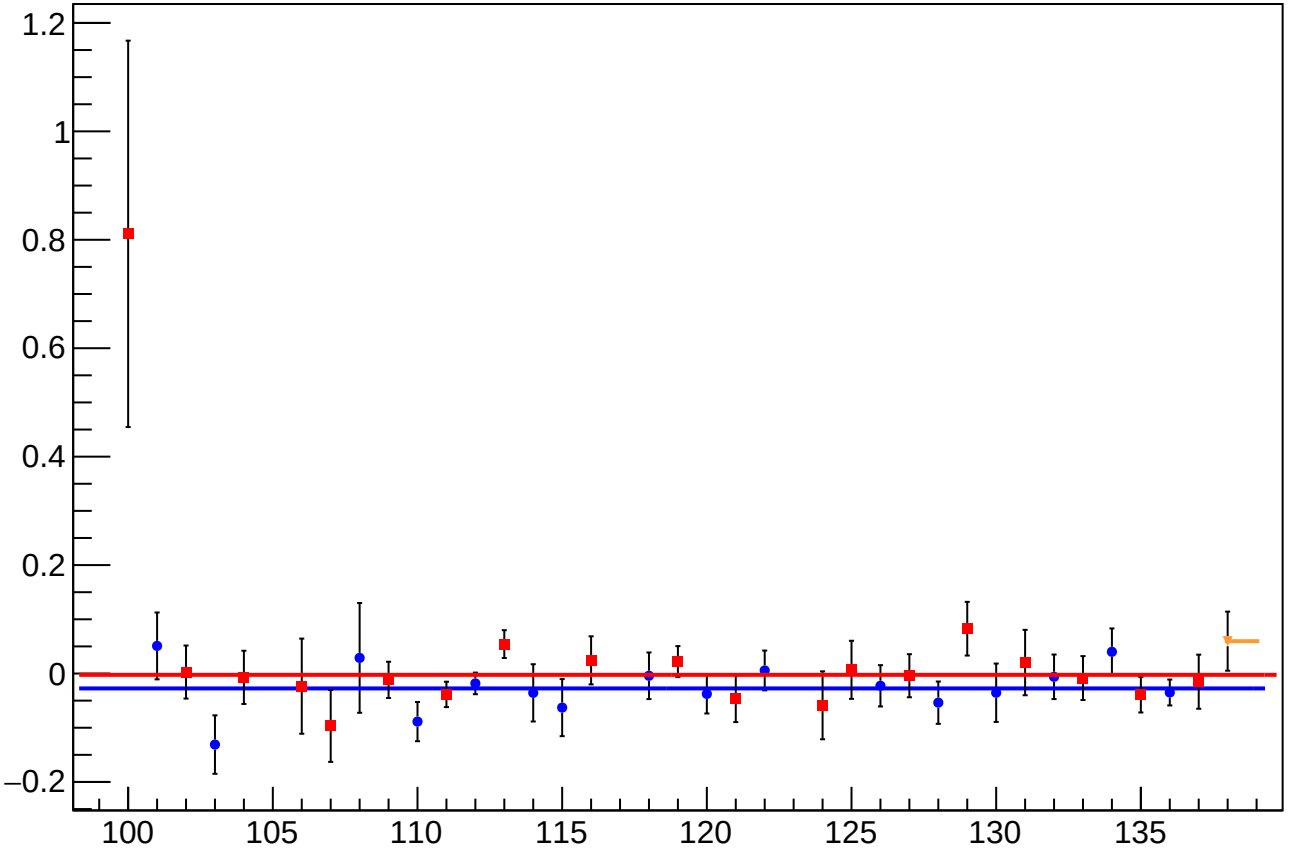
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.708+/-0.007 χ^2/NDF: 1888497.8/16

All: 23.705+/-0.005 χ^2/NDF: 2977029.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.027+/-0.009 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.054 χ^2/NDF:0.0/0

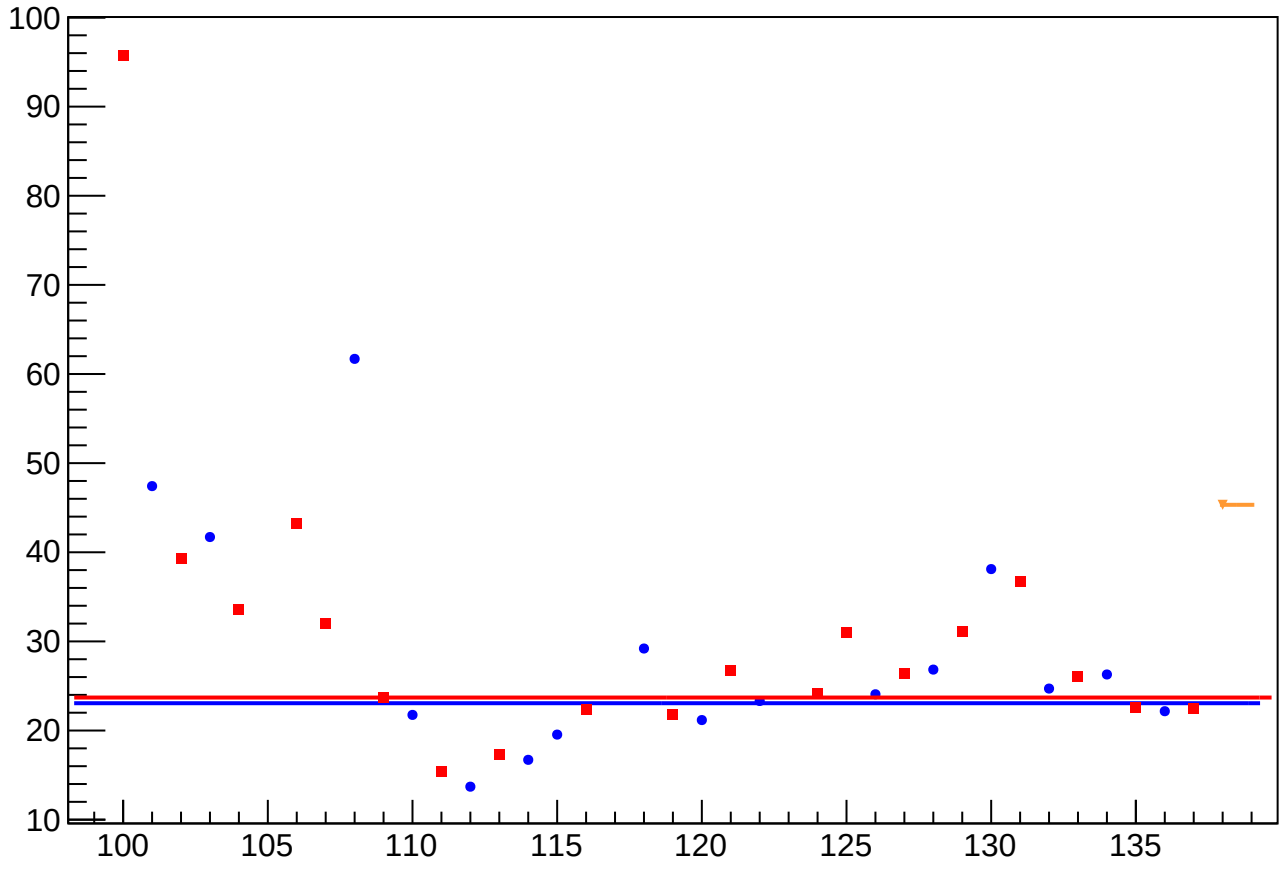
Right Out: -0.002+/-0.009 χ^2/NDF: 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.025+/-0.009 χ^2/NDF: 16.1/16

All: -0.014+/-0.007 χ^2/NDF: 41.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.065+/-0.007 χ^2/NDF: 1564493.0/15

Left Out: 45.325+/-0.039 χ^2/NDF:0.0/0

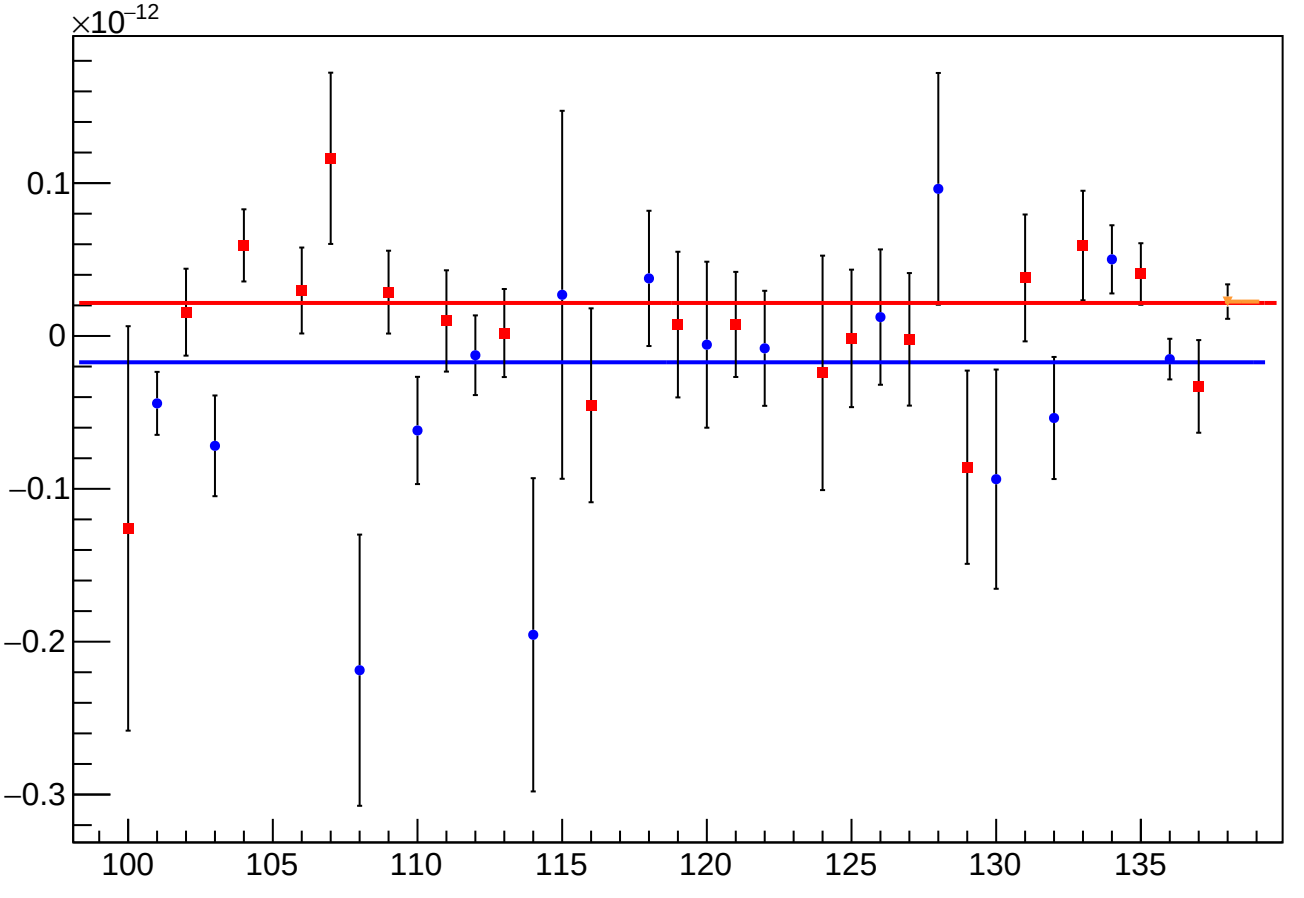
Right Out: 23.702+/-0.007 χ^2/NDF: 1088531.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.708+/-0.007 χ^2/NDF: 1888497.8/16

All: 23.705+/-0.005 χ^2/NDF: 2977029.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 29.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

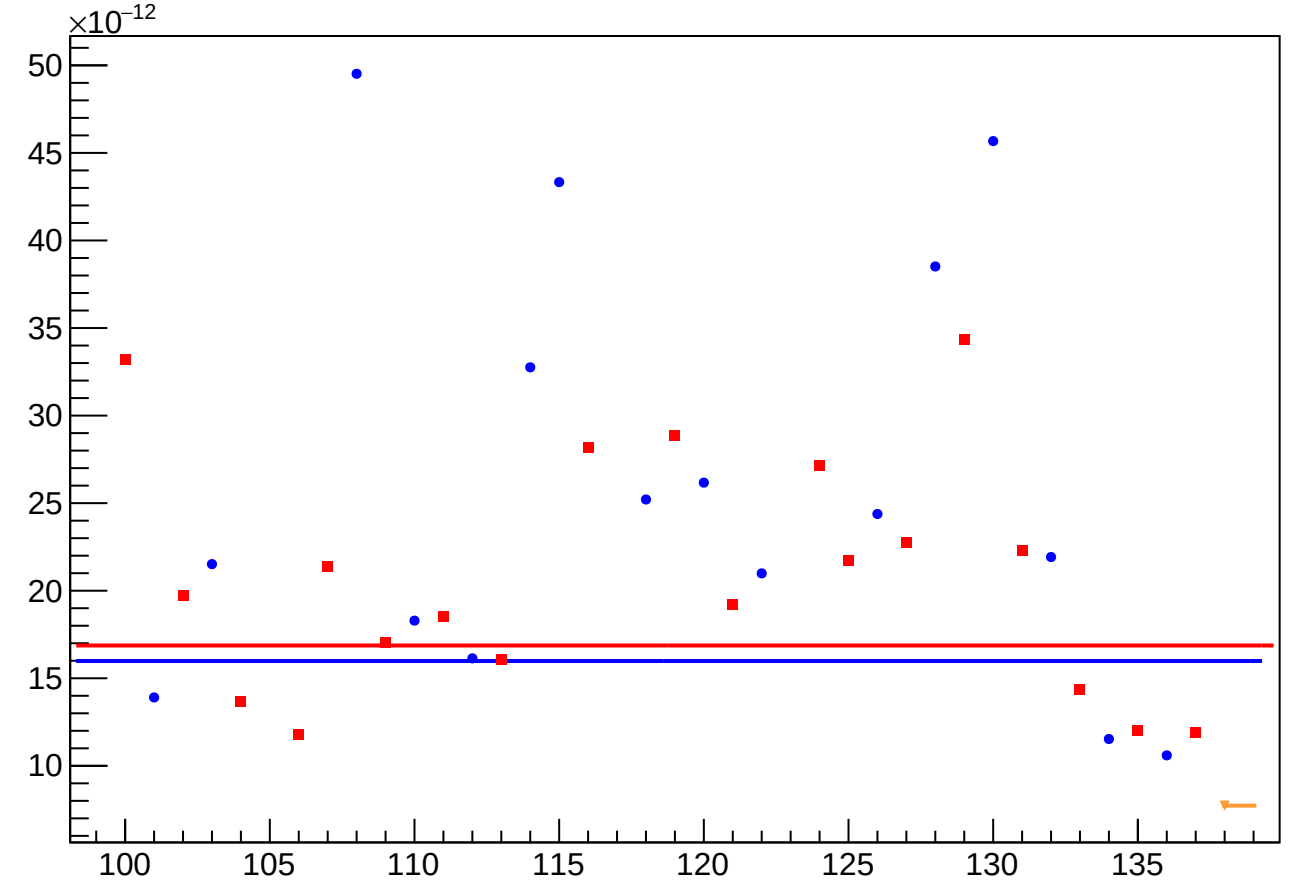
Right Out: 0.000+/-0.000 χ^2/NDF: 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 38.3/16

All: 0.000+/-0.000 χ^2/NDF: 62.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1764617.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 835680.3/18

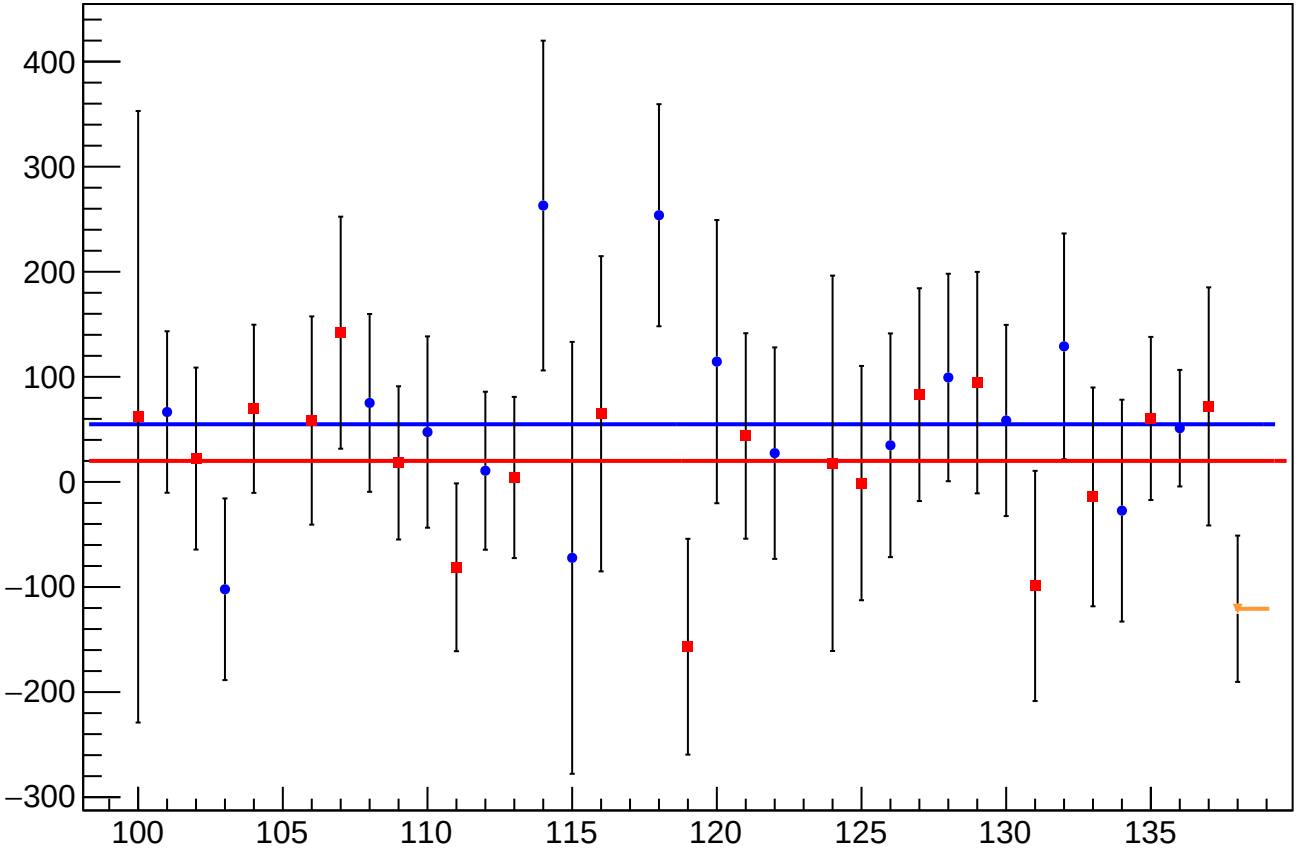
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2492343.0/16

All: 0.000+/-0.000 χ^2/NDF: 3571279.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 54.883+/-23.179 χ^2/NDF: 11.0/15

Left Out: -120.694+/-69.606 χ^2/NDF:0.0/0

Right Out: 20.020+/-22.571 χ^2/NDF: 9.2/18

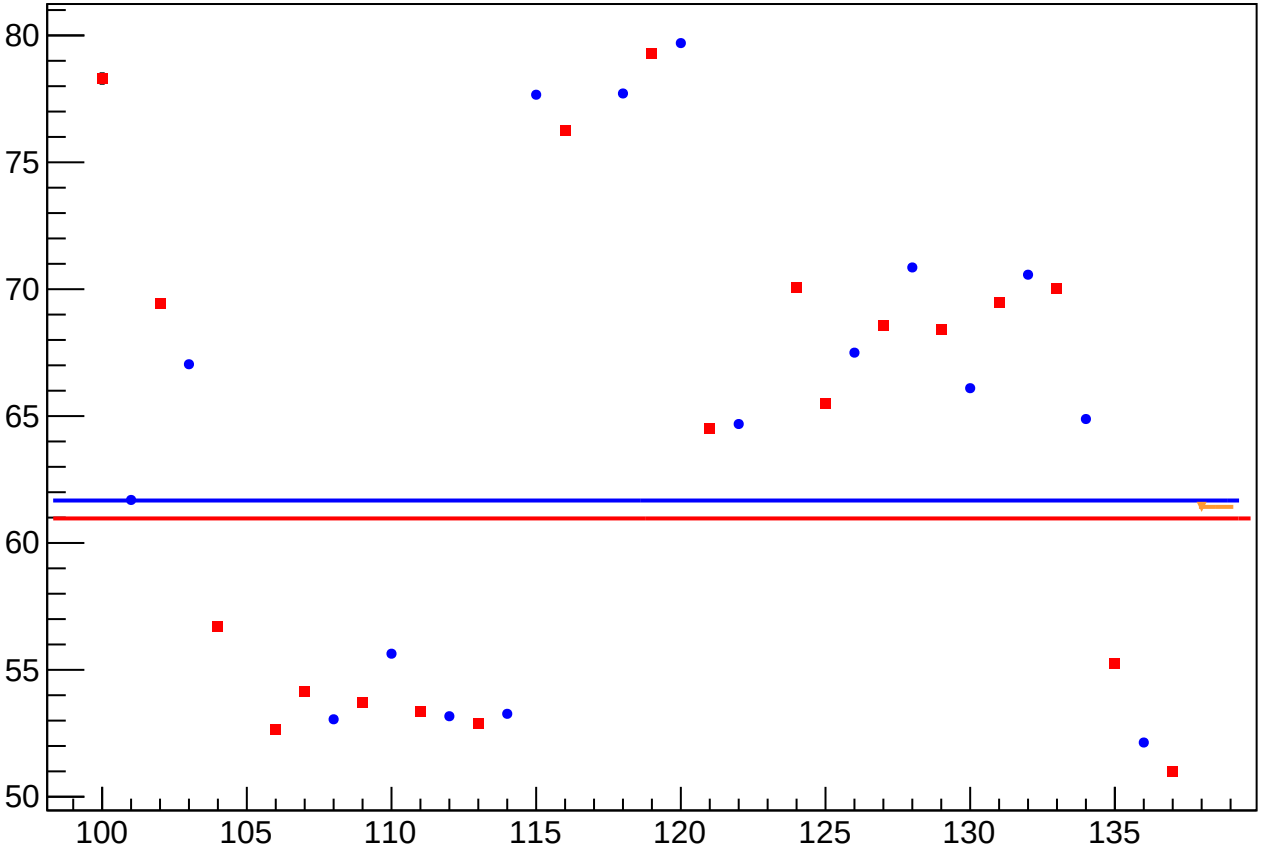
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.357+/-21.991 χ^2/NDF: 16.7/16

All: 28.914+/-15.751 χ^2/NDF: 26.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 61.673+/-0.016 χ^2/NDF: 267108.1/15

Left Out: 61.422+/-0.049 χ^2/NDF:0.0/0

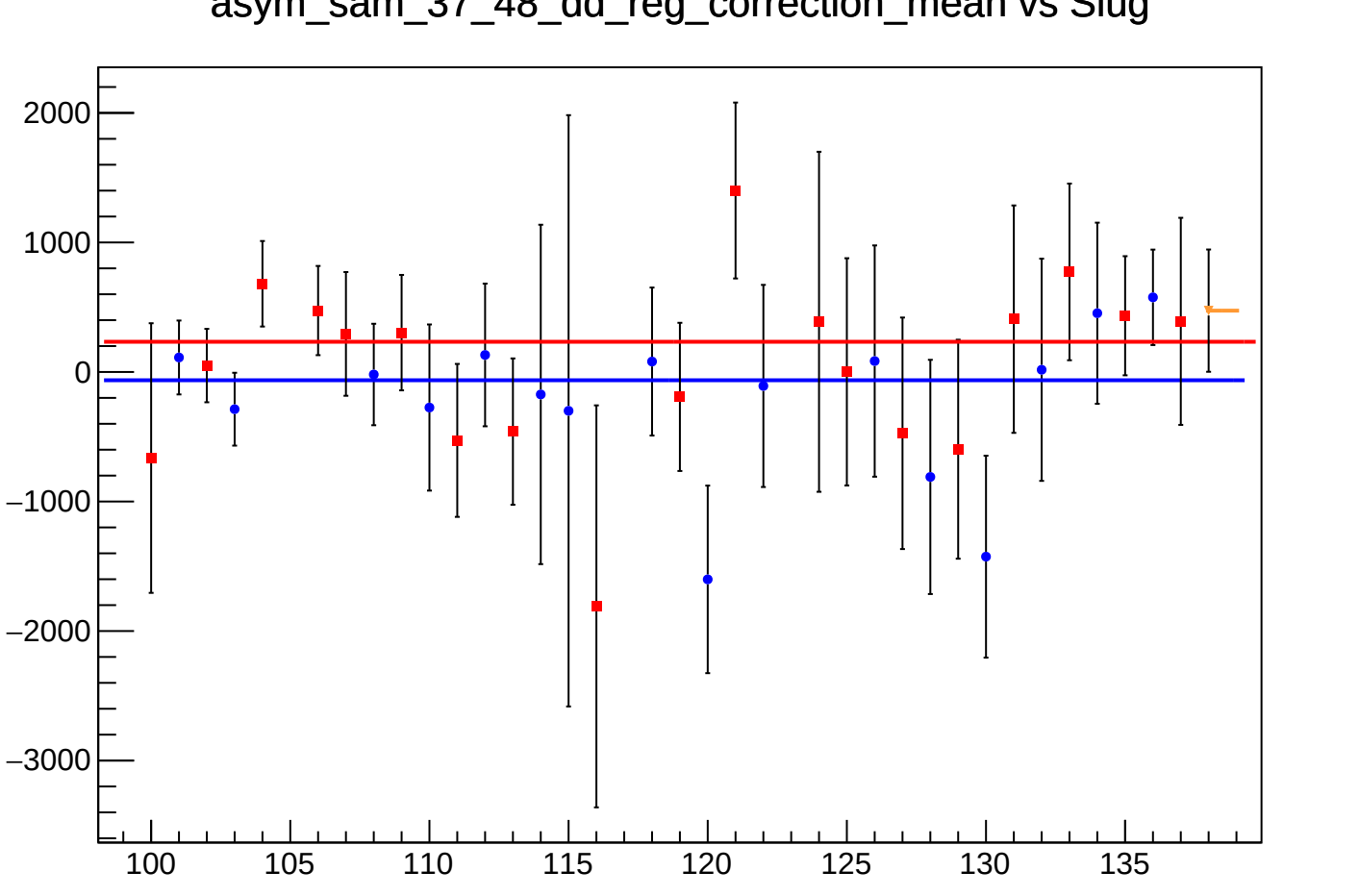
Right Out: 60.967+/-0.016 χ^2/NDF: 284183.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.648+/-0.016 χ^2/NDF: 267131.6/16

All: 61.316+/-0.011 χ^2/NDF: 552249.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -63.834+/-129.674 χ^2/NDF: 13.2/15

Left Out: 473.556+/-471.976 χ^2/NDF:0.0/0

Right Out: 233.206+/-122.791 χ^2/NDF: 14.5/18

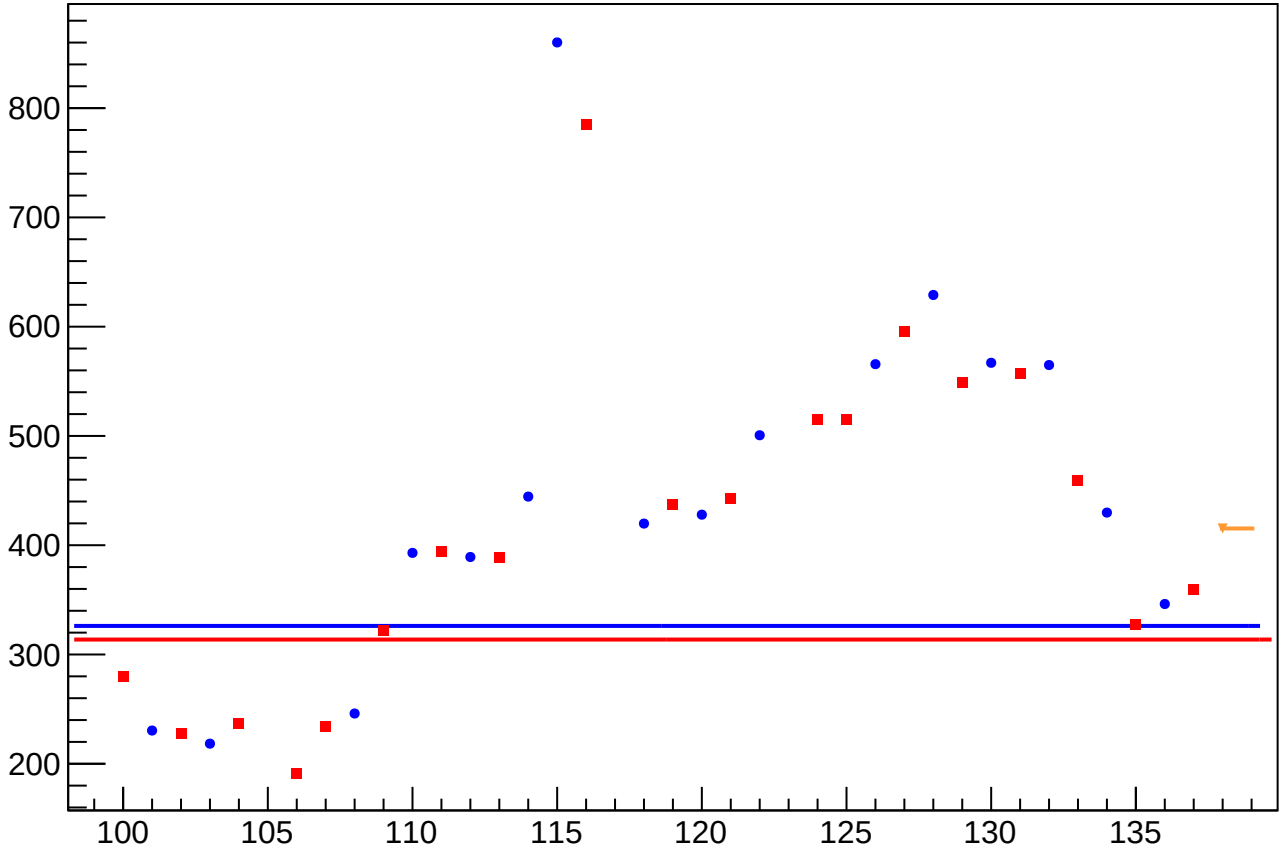
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -26.116+/-125.041 χ^2/NDF: 14.4/16

All: 105.899+/-87.611 χ^2/NDF: 31.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 326.147+/-0.092 χ^2/NDF: 1733995.5/15

Left Out: 415.329+/-0.334 χ^2/NDF:0.0/0

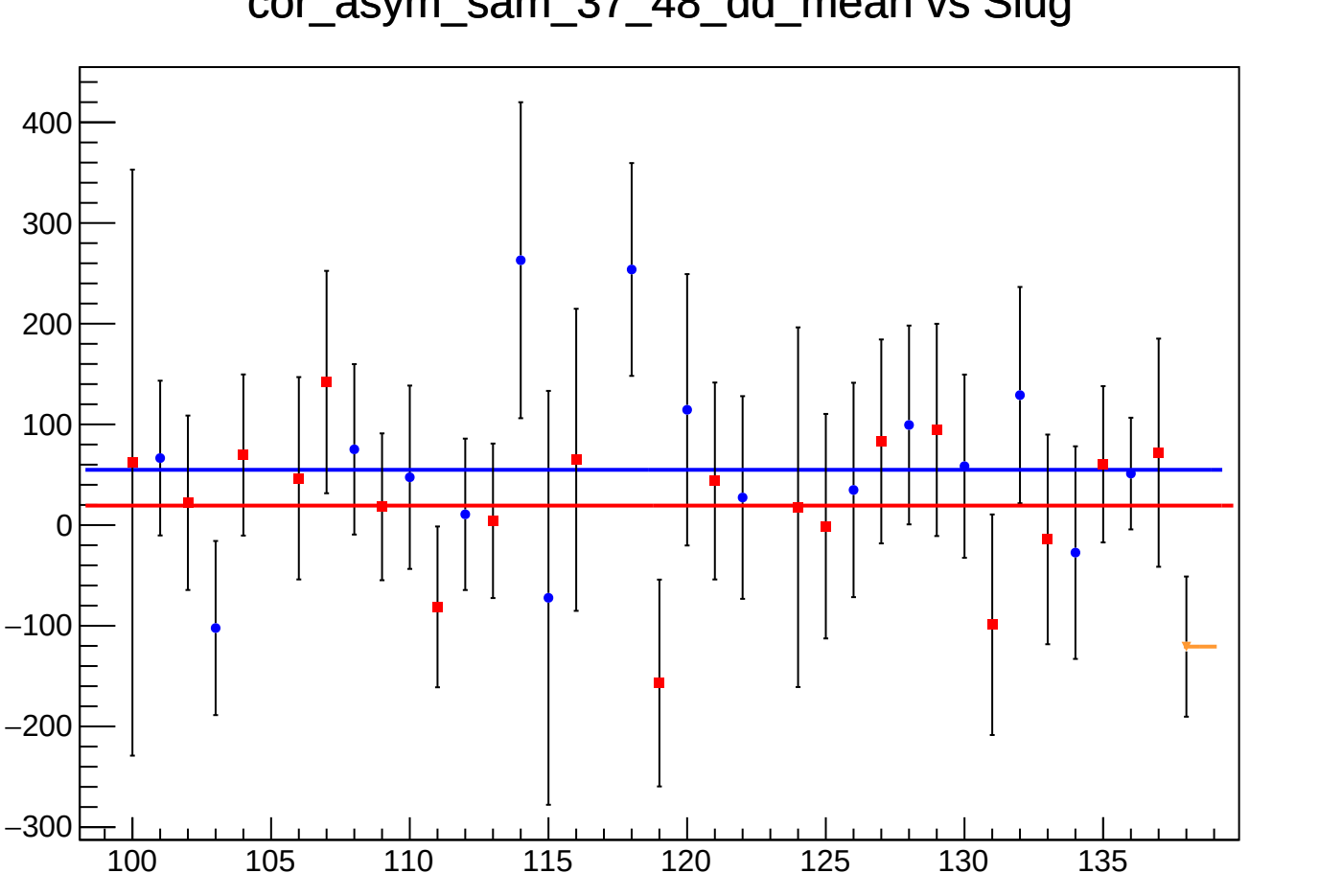
Right Out: 313.672+/-0.087 χ^2/NDF: 1787347.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

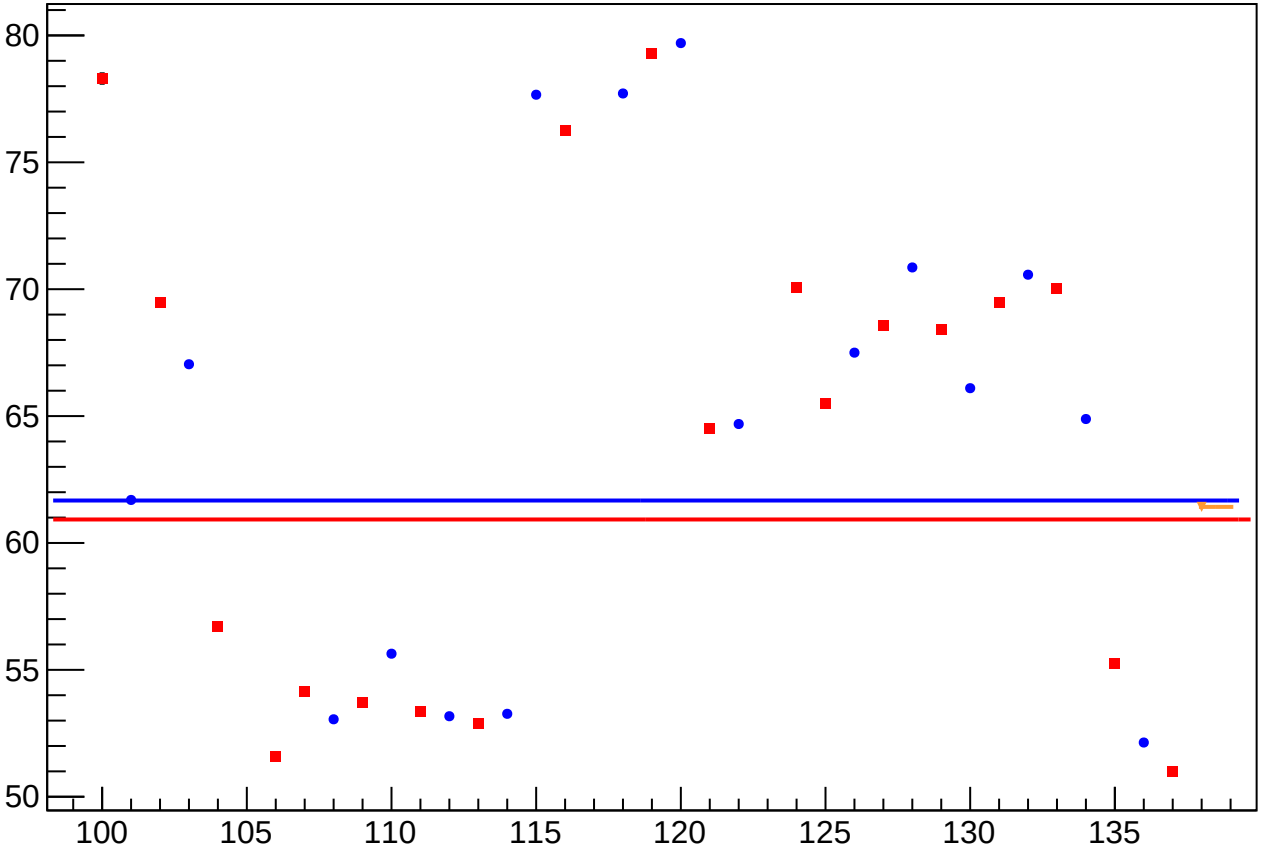
+ sign 332.407+/-0.088 χ^2/NDF: 1800390.9/16

All: 322.869+/-0.062 χ^2/NDF: 3610594.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


cor_asym_sam_37_48_dd_mean vs Slug
400
300
200
100
0
−100
−200
−300
100
105
110
115
120
125
130
135
Right In: 54.877+/-23.179 χ²/NDF: 11.0/15
Left Out: -120.688+/-69.606 χ²/NDF:0.0/0
Right Out: 19.352+/-22.588 χ²/NDF: 9.2/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 37.352+/-21.991 χ²/NDF: 16.7/16
All: 28.593+/-15.757 χ²/NDF: 26.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 61.673+/-0.016 χ^2/NDF: 267108.3/15

Left Out: 61.422+/-0.049 χ^2/NDF:0.0/0

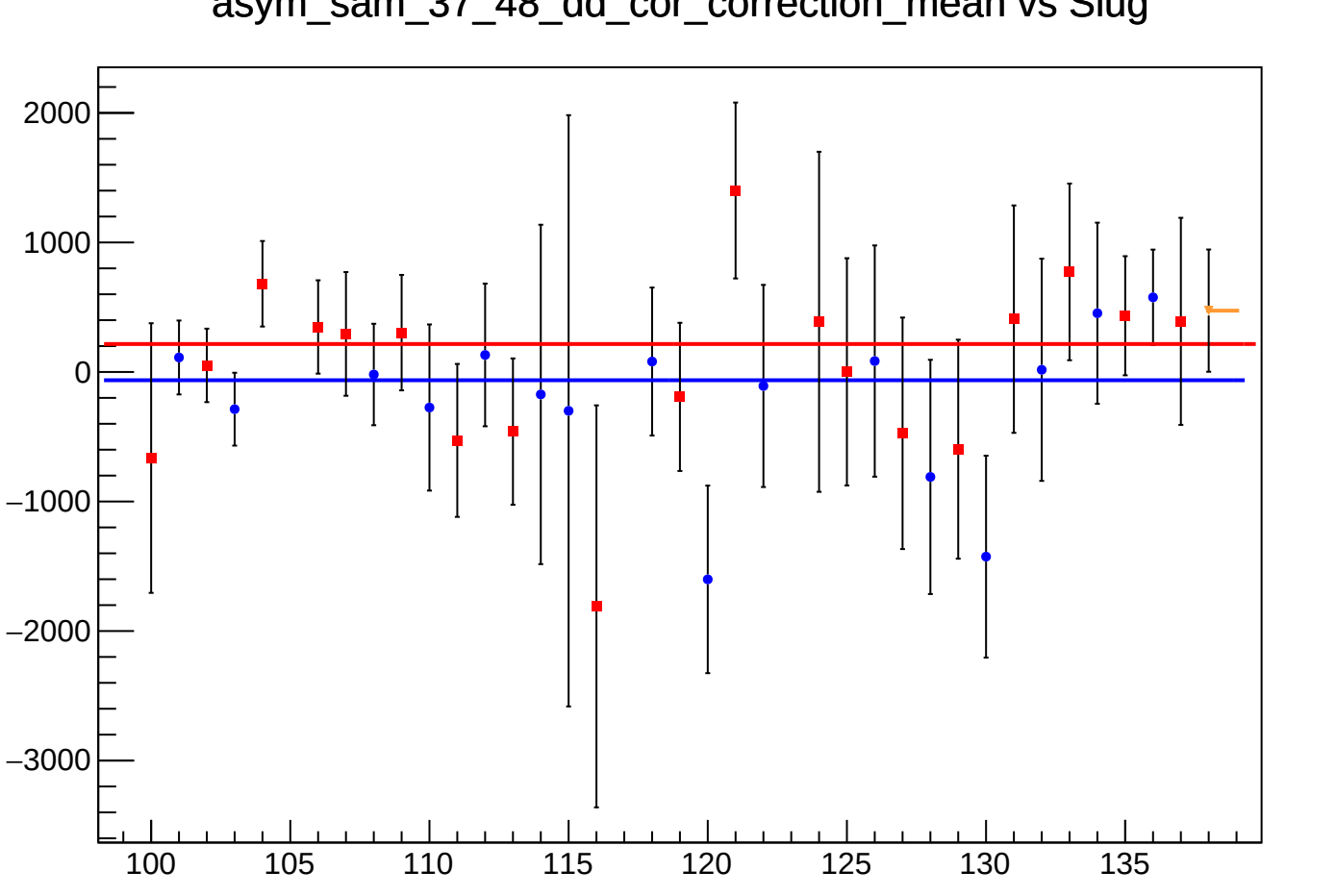
Right Out: 60.926+/-0.016 χ^2/NDF: 287579.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.648+/-0.016 χ^2/NDF: 267131.8/16

All: 61.296+/-0.011 χ^2/NDF: 555760.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -63.820+/-129.675 χ^2/NDF: 13.2/15

Left Out: 473.564+/-471.976 χ^2/NDF:0.0/0

Right Out: 215.911+/-123.491 χ^2/NDF: 14.1/18

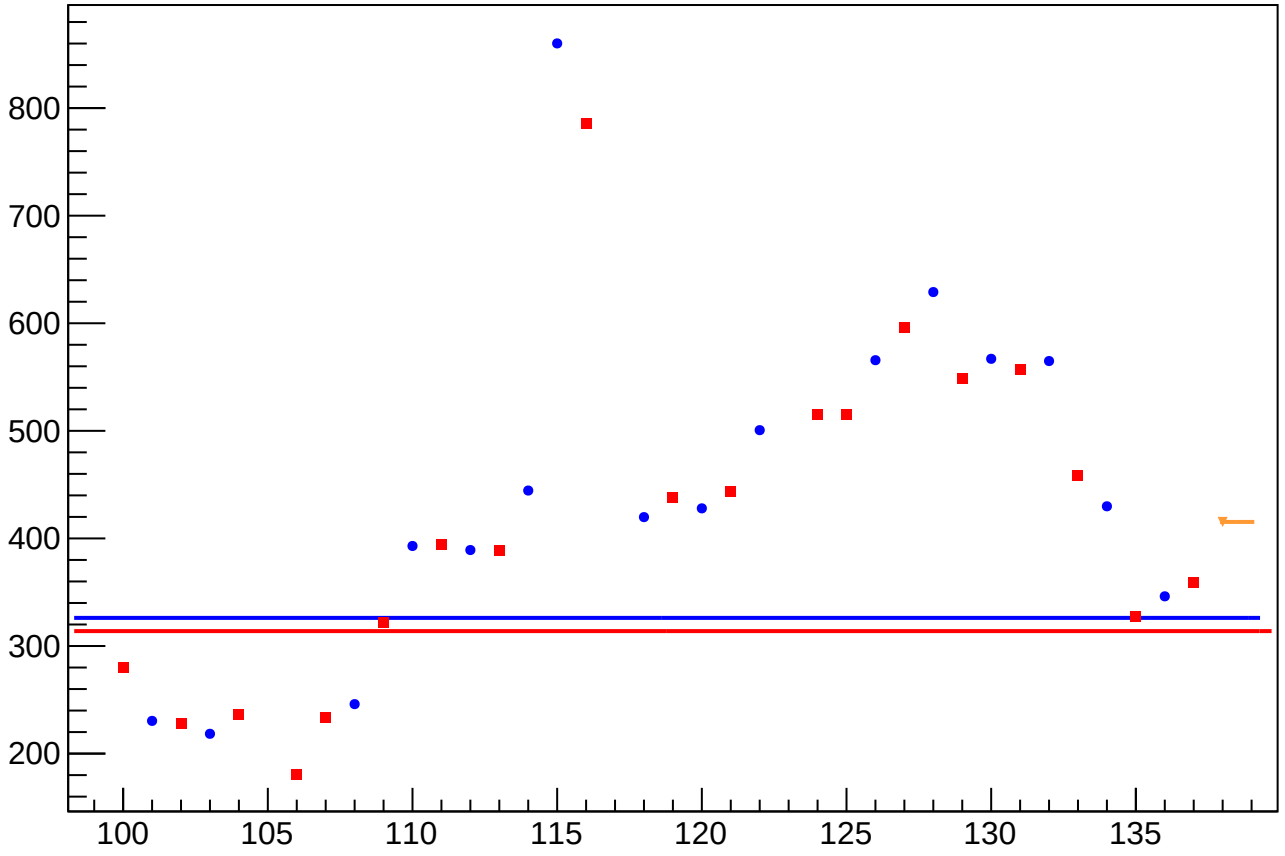
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -26.102+/-125.041 χ^2/NDF: 14.4/16

All: 96.414+/-87.865 χ^2/NDF: 30.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 326.150+/-0.092 χ^2/NDF: 1733934.7/15

Left Out: 415.329+/-0.334 χ^2/NDF:0.0/0

Right Out: 313.861+/-0.087 χ^2/NDF: 1805779.4/18

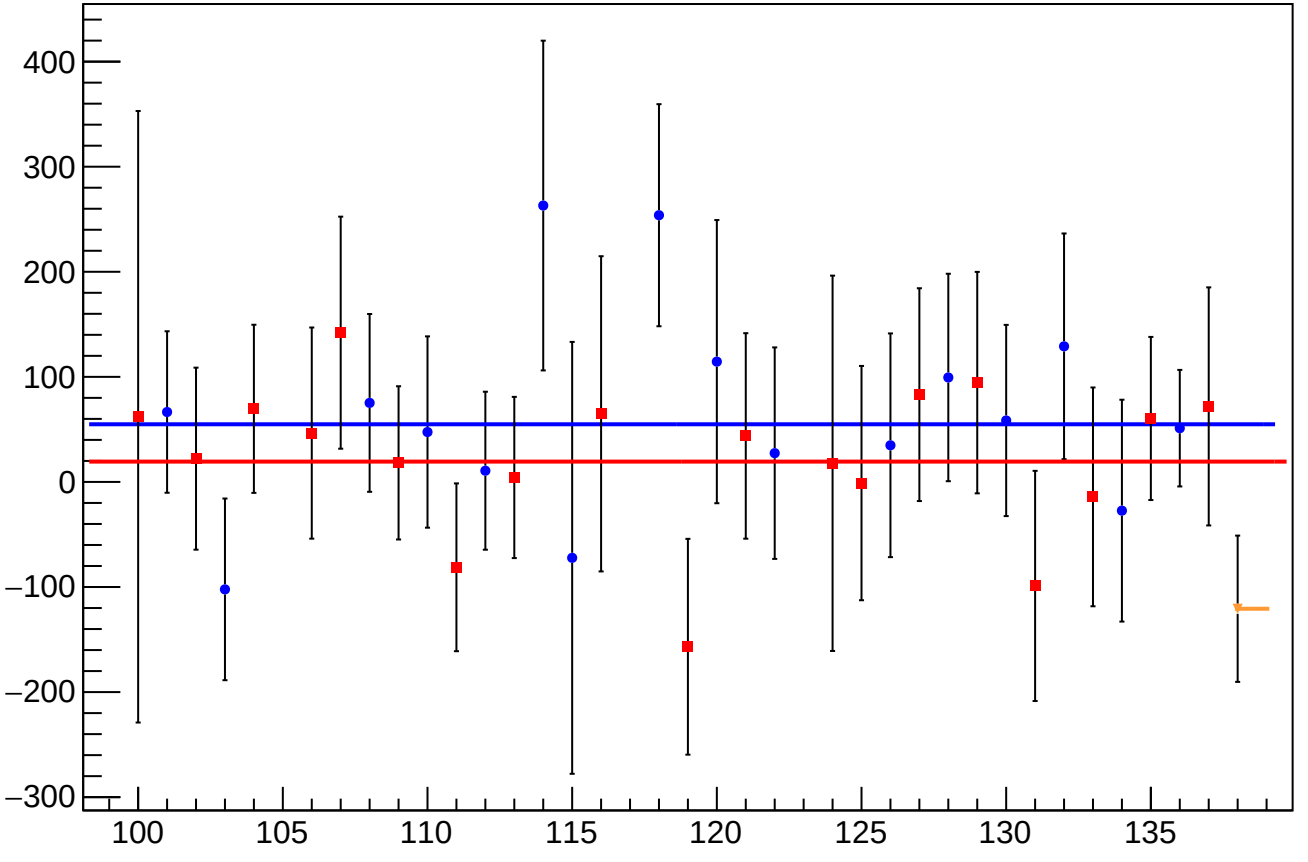
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 332.410+/-0.088 χ^2/NDF: 1800325.6/16

All: 323.020+/-0.062 χ^2/NDF: 3628384.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 54.877+/-23.179 χ^2/NDF: 11.0/15

Left Out: -120.688+/-69.606 χ^2/NDF:0.0/0

Right Out: 19.352+/-22.588 χ^2/NDF: 9.2/18

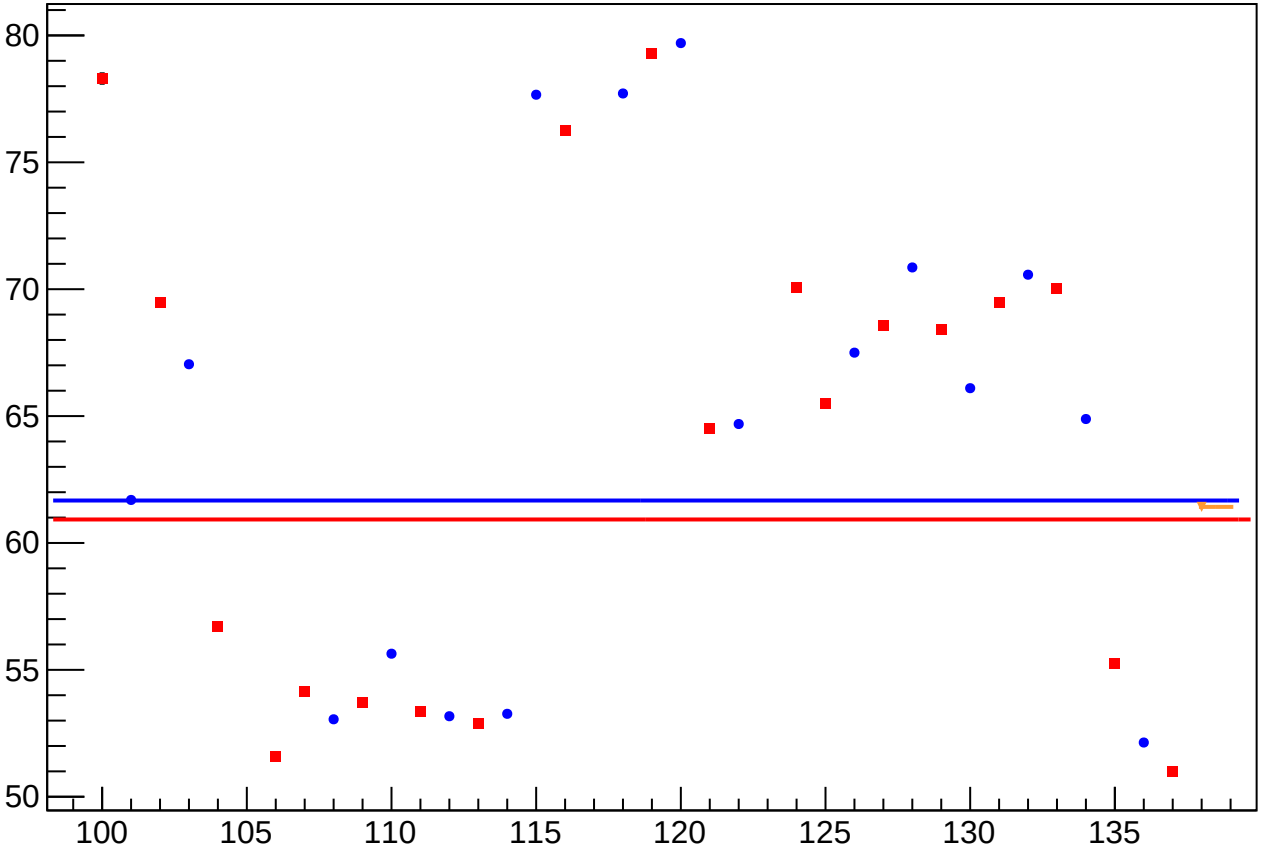
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.352+/-21.991 χ^2/NDF: 16.7/16

All: 28.593+/-15.757 χ^2/NDF: 26.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 61.673+/-0.016 χ^2/NDF: 267108.3/15

Left Out: 61.422+/-0.049 χ^2/NDF:0.0/0

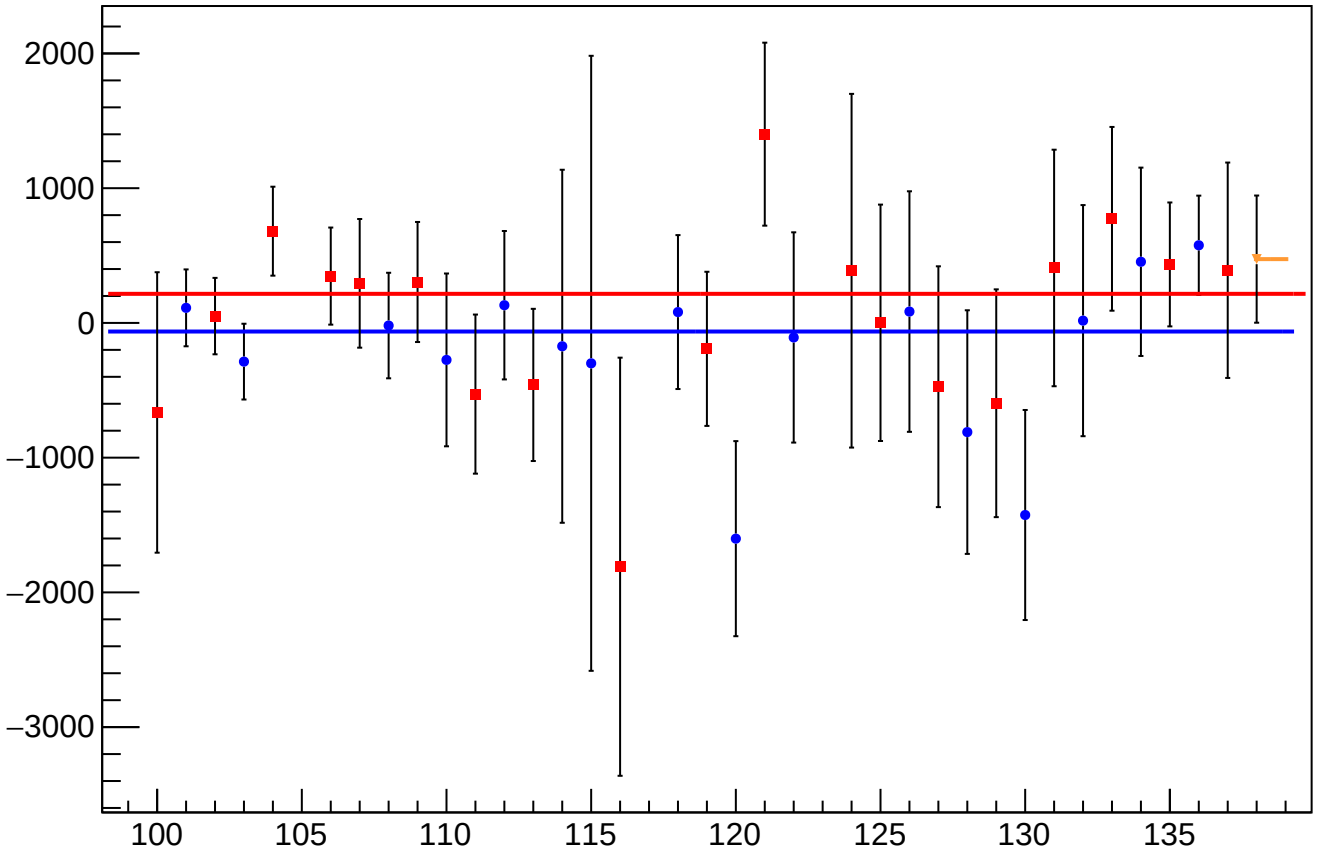
Right Out: 60.926+/-0.016 χ^2/NDF: 287579.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 61.648+/-0.016 χ^2/NDF: 267131.8/16

All: 61.296+/-0.011 χ^2/NDF: 555760.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -63.820+/-129.675 χ^2/NDF: 13.2/15

Left Out: 473.564+/-471.976 χ^2/NDF:0.0/0

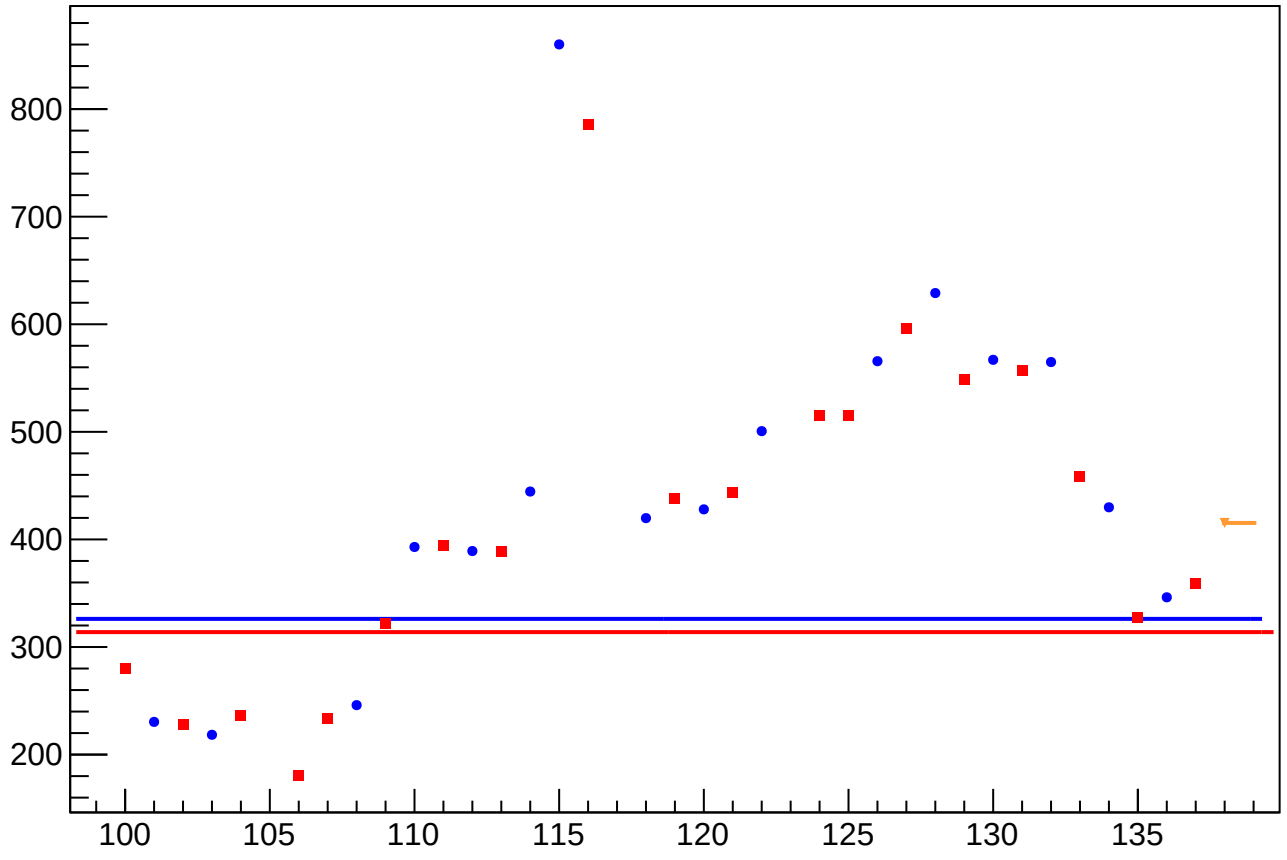
Right Out: 215.911+/-123.491 χ^2/NDF: 14.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -26.102+/-125.041 χ^2/NDF: 14.4/16

All: 96.414+/-87.865 χ^2/NDF: 30.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 326.150+/-0.092 χ^2/NDF: 1733934.7/15

Left Out: 415.329+/-0.334 χ^2/NDF:0.0/0

Right Out: 313.861+/-0.087 χ^2/NDF: 1805779.4/18

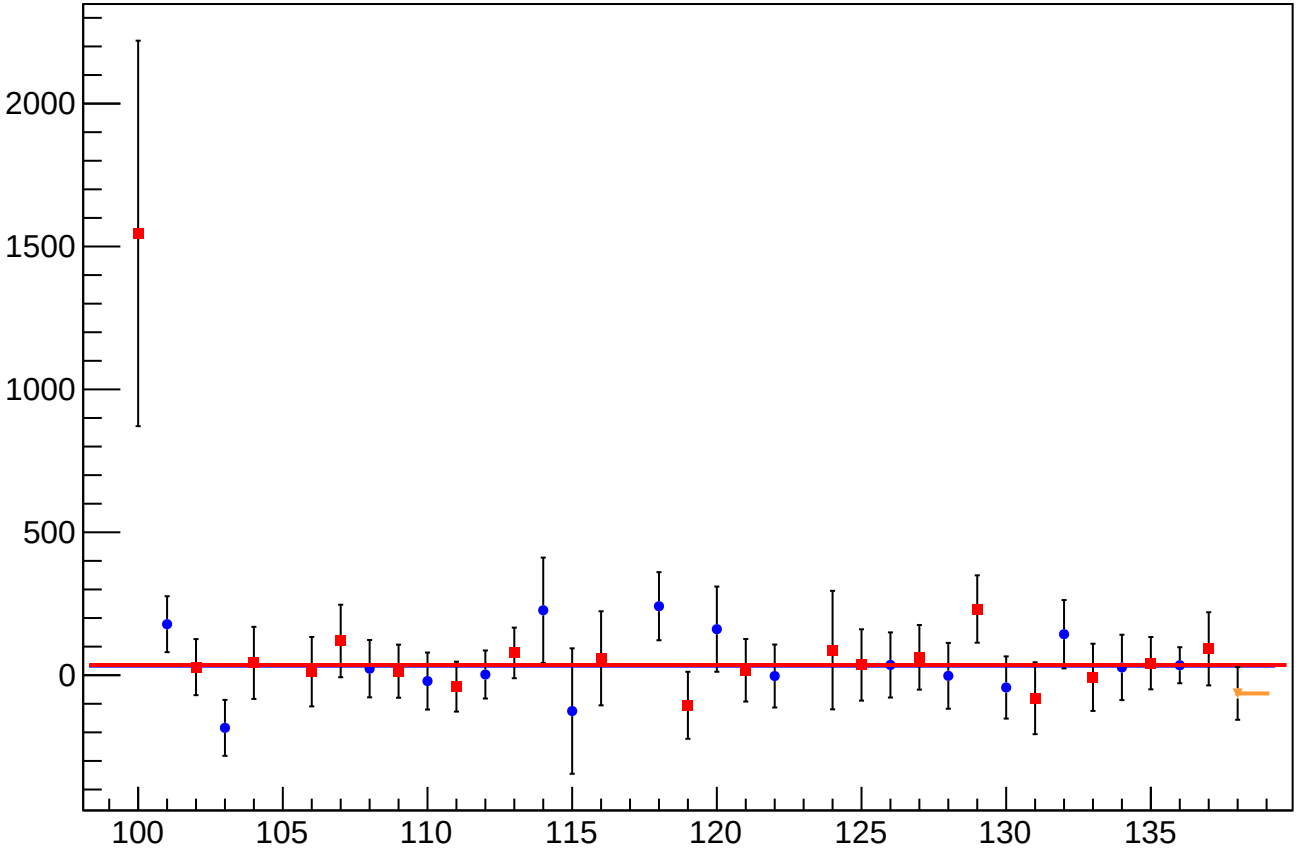
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 332.410+/-0.088 χ^2/NDF: 1800325.6/16

All: 323.020+/-0.062 χ^2/NDF: 3628384.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 33.399+/-26.415 χ^2/NDF: 14.5/15

Left Out: -63.846+/-92.129 χ^2/NDF:0.0/0

Right Out: 35.576+/-26.536 χ^2/NDF: 12.1/18

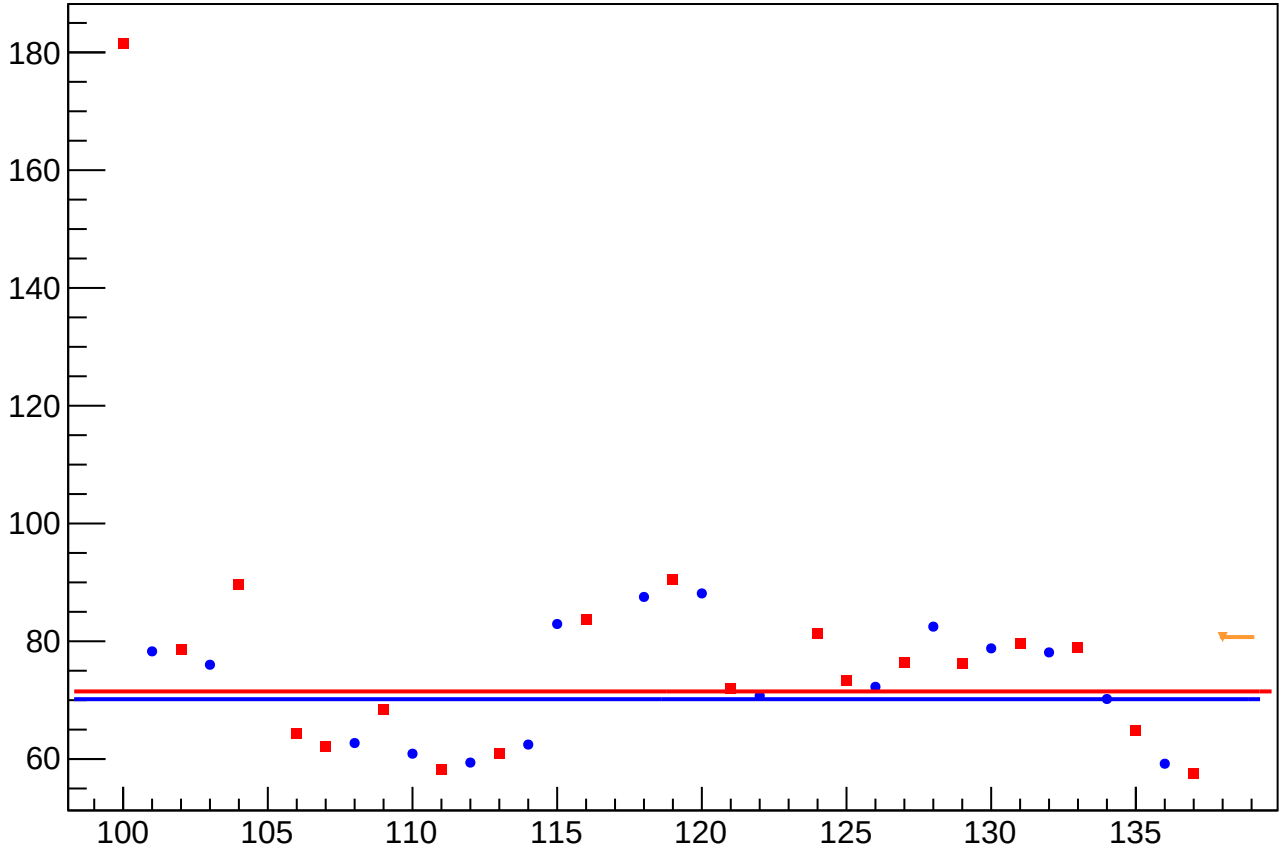
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.012+/-25.392 χ^2/NDF: 15.6/16

All: 30.583+/-18.346 χ^2/NDF: 27.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 70.167+/-0.019 χ^2/NDF: 269249.9/15

Left Out: 80.715+/-0.065 χ^2/NDF:0.0/0

Right Out: 71.483+/-0.019 χ^2/NDF: 325715.0/18

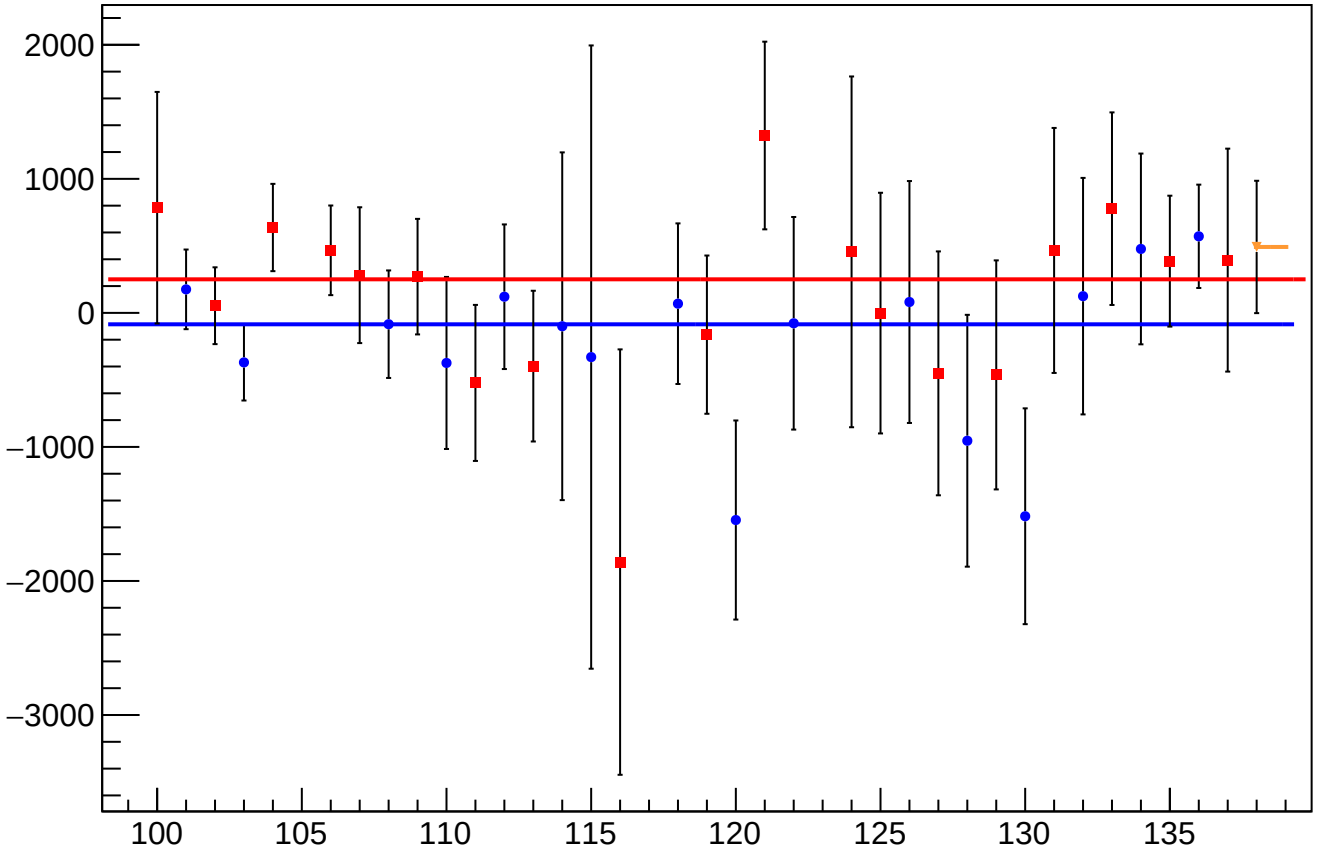
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 70.969+/-0.018 χ^2/NDF: 293473.3/16

All: 71.214+/-0.013 χ^2/NDF: 619580.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -85.184+/-132.877 χ^2/NDF: 13.7/15

Left Out: 491.870+/-493.705 χ^2/NDF:0.0/0

Right Out: 250.440+/-123.302 χ^2/NDF: 12.5/18

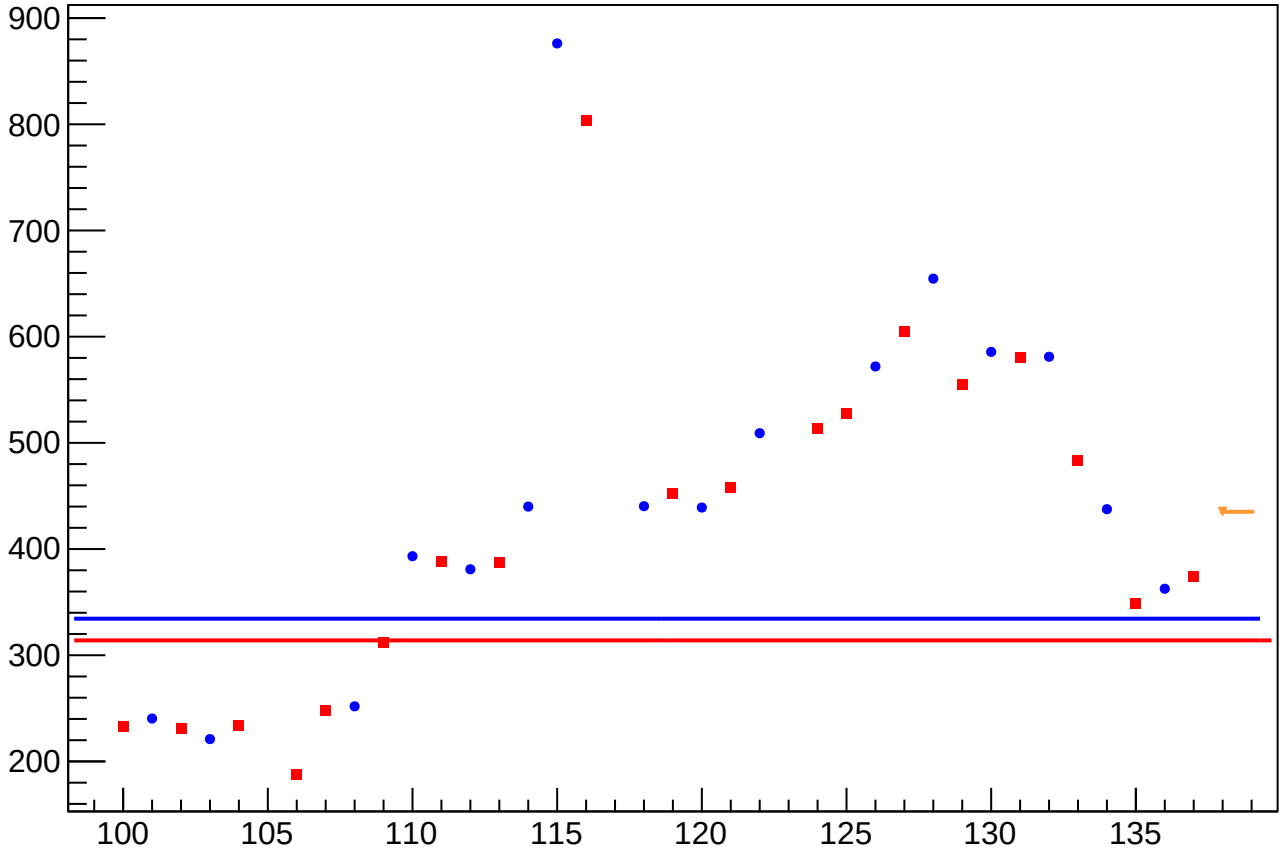
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -46.207+/-128.311 χ^2/NDF: 15.0/16

All: 108.020+/-88.906 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 334.431+/-0.094 χ^2/NDF: 1730610.2/15

Left Out: 435.095+/-0.349 χ^2/NDF:0.0/0

Right Out: 313.971+/-0.087 χ^2/NDF: 1904605.9/18

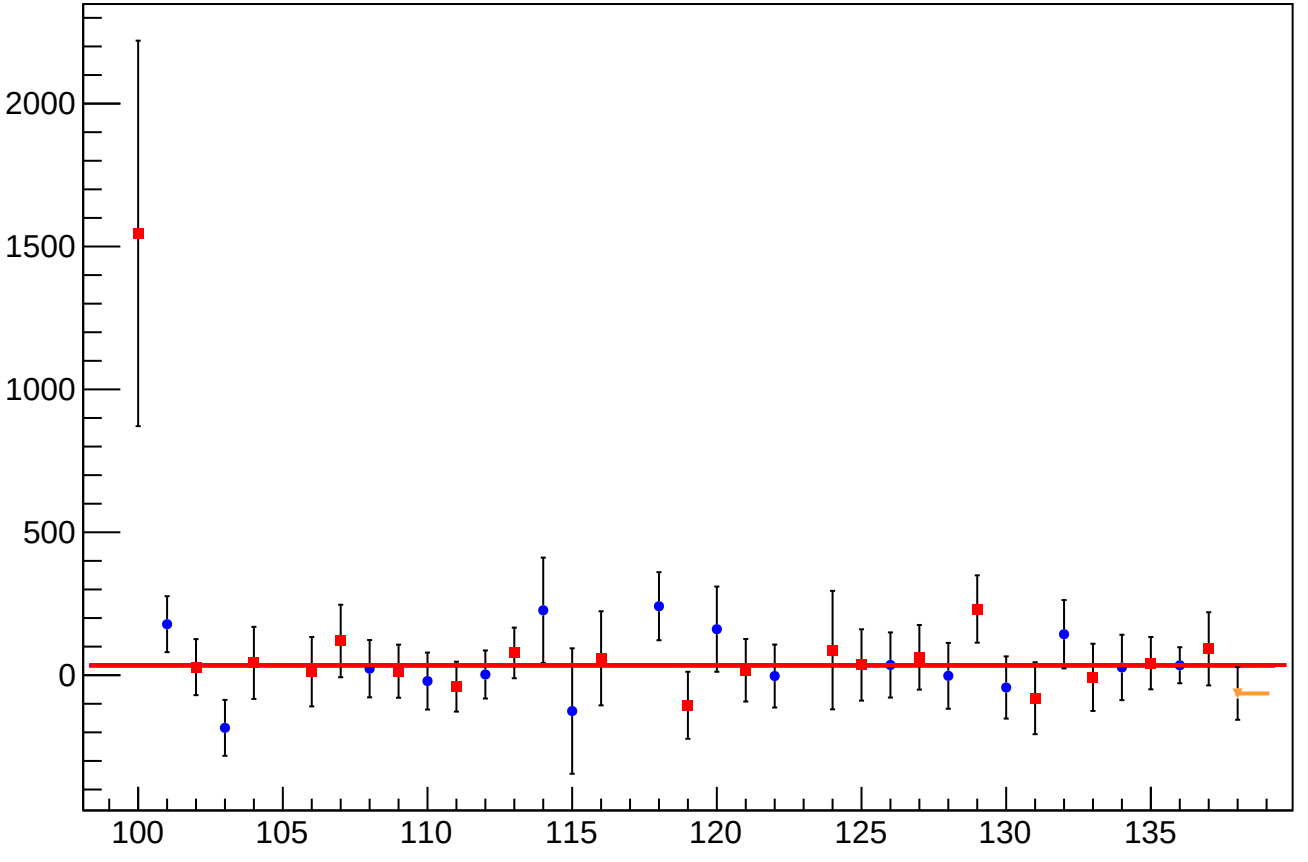
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 341.230+/-0.091 χ^2/NDF: 1808141.2/16

All: 327.058+/-0.063 χ^2/NDF: 3759676.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 33.397+/-26.415 χ^2/NDF: 14.5/15

Left Out: -63.844+/-92.129 χ^2/NDF:0.0/0

Right Out: 35.577+/-26.536 χ^2/NDF: 12.1/18

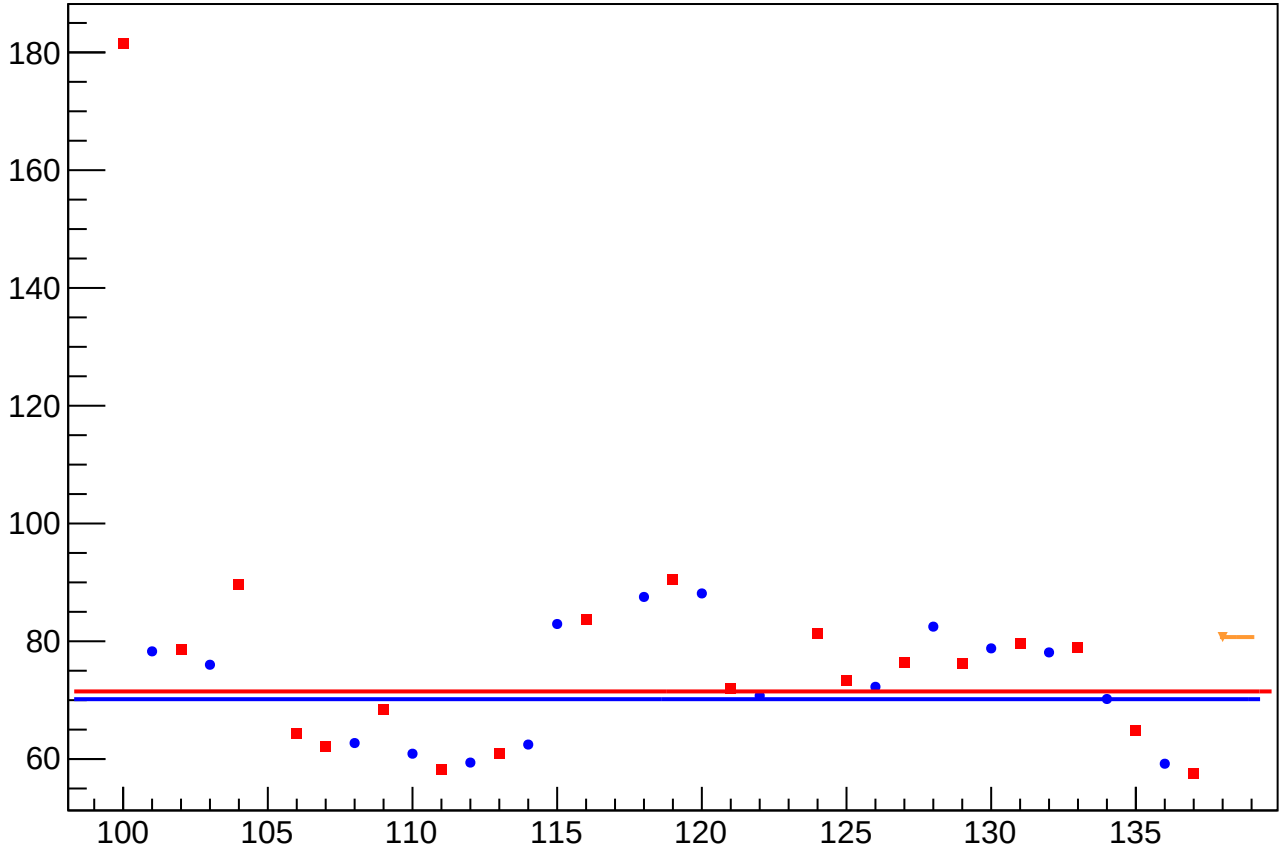
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.011+/-25.392 χ^2/NDF: 15.6/16

All: 30.583+/-18.346 χ^2/NDF: 27.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 70.167+/-0.019 χ^2/NDF: 269253.0/15

Left Out: 80.715+/-0.065 χ^2/NDF:0.0/0

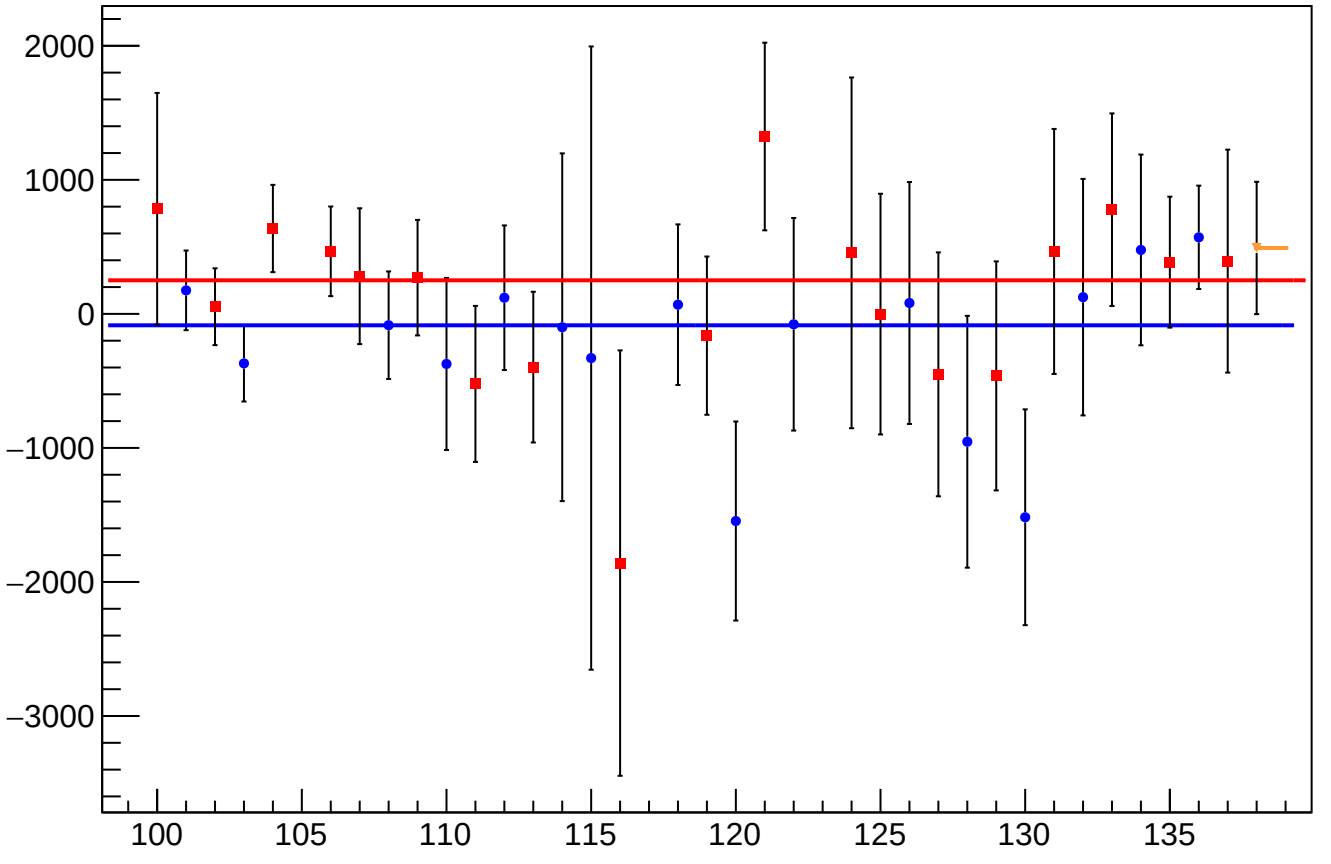
Right Out: 71.483+/-0.019 χ^2/NDF: 325721.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 70.969+/-0.018 χ^2/NDF: 293474.5/16

All: 71.215+/-0.013 χ^2/NDF: 619588.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -85.185+/-132.877 χ^2/NDF: 13.7/15

Left Out: 491.874+/-493.704 χ^2/NDF:0.0/0

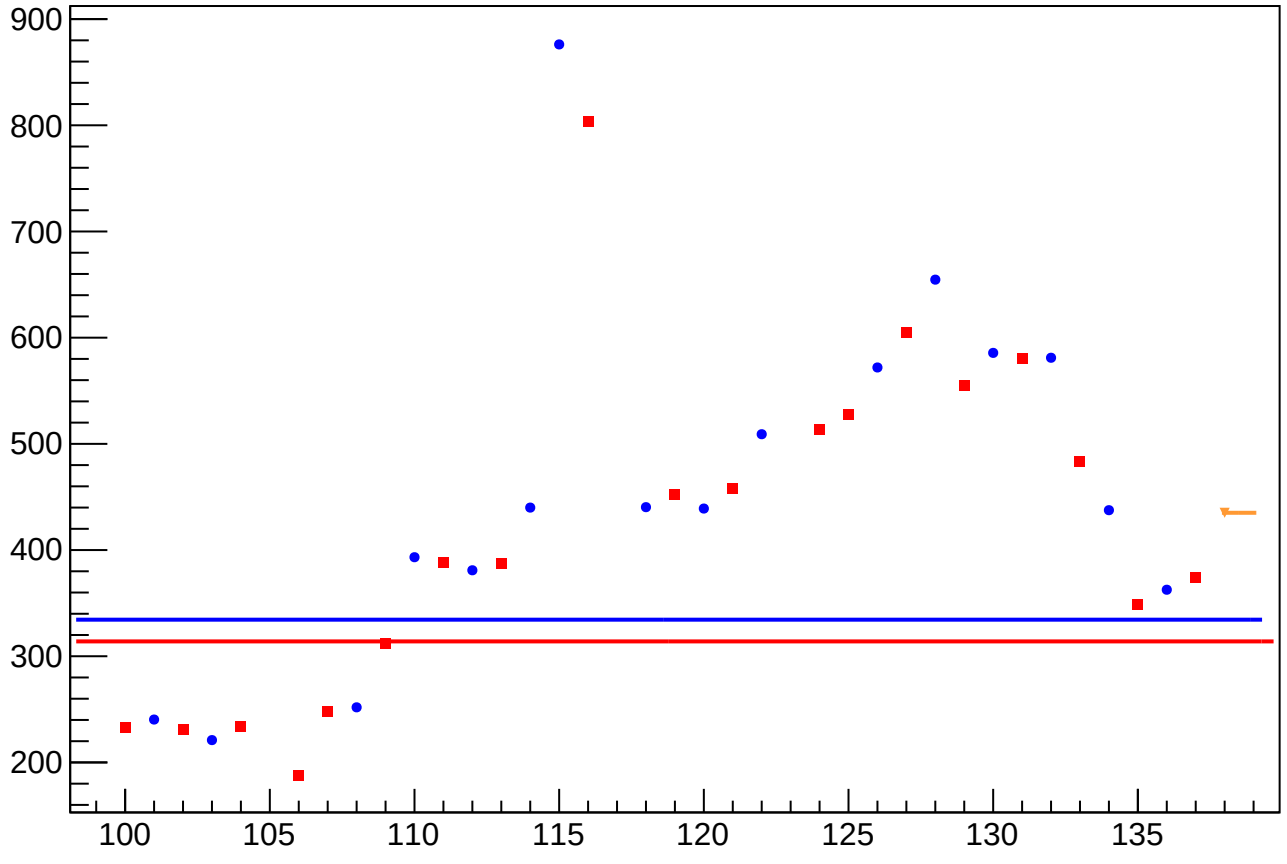
Right Out: 250.440+/-123.302 χ^2/NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -46.208+/-128.311 χ^2/NDF: 15.0/16

All: 108.020+/-88.906 χ^2/NDF: 30.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 334.431+/-0.094 χ^2/NDF: 1730609.3/15

Left Out: 435.094+/-0.349 χ^2/NDF:0.0/0

Right Out: 313.971+/-0.087 χ^2/NDF: 1904604.3/18

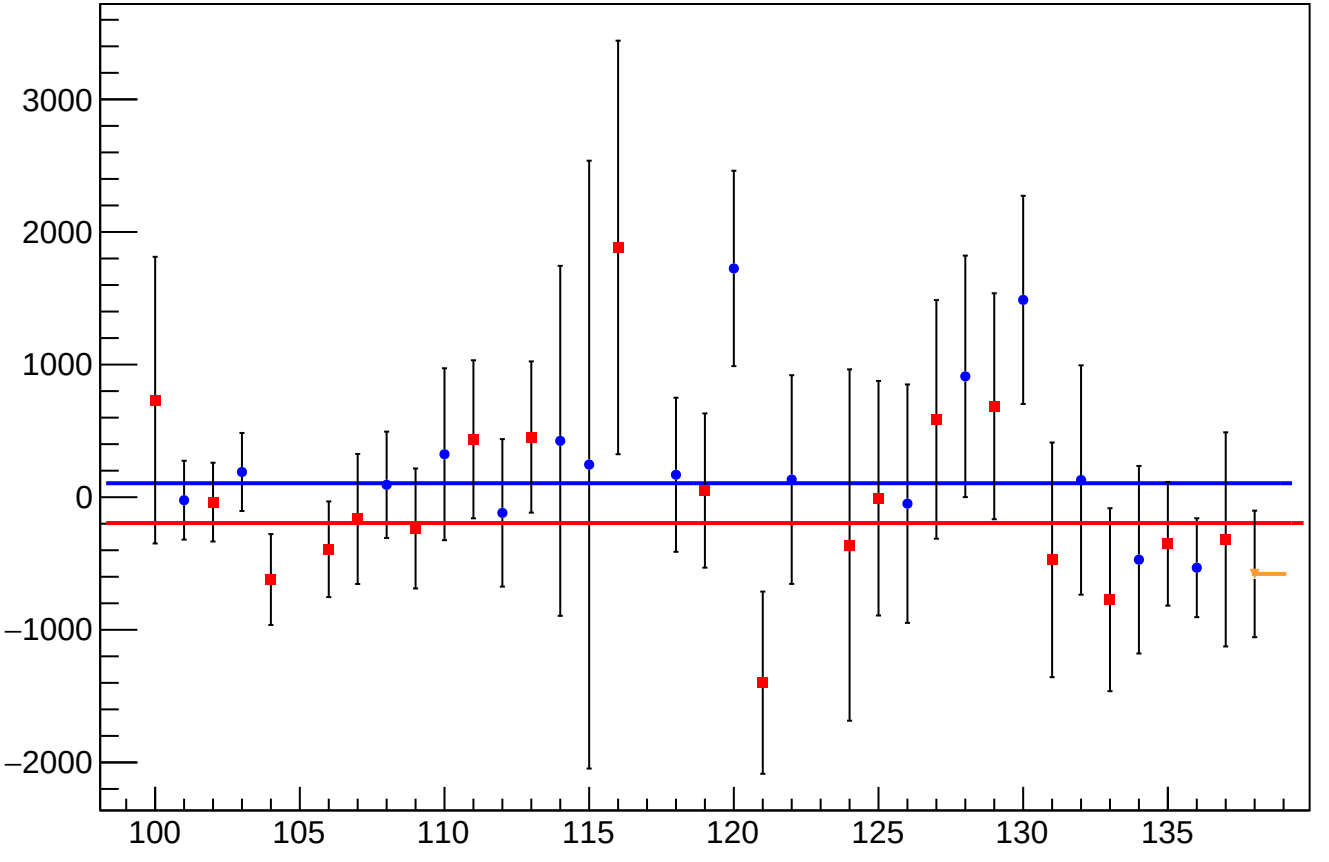
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 341.230+/-0.091 χ^2/NDF: 1808138.5/16

All: 327.058+/-0.063 χ^2/NDF: 3759672.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug



Right In: 105.390+/-133.046 χ^2/NDF: 13.0/15

Left Out: -578.543+/-477.198 χ^2/NDF:0.0/0

Right Out: -194.712+/-126.198 χ^2/NDF: 13.1/18

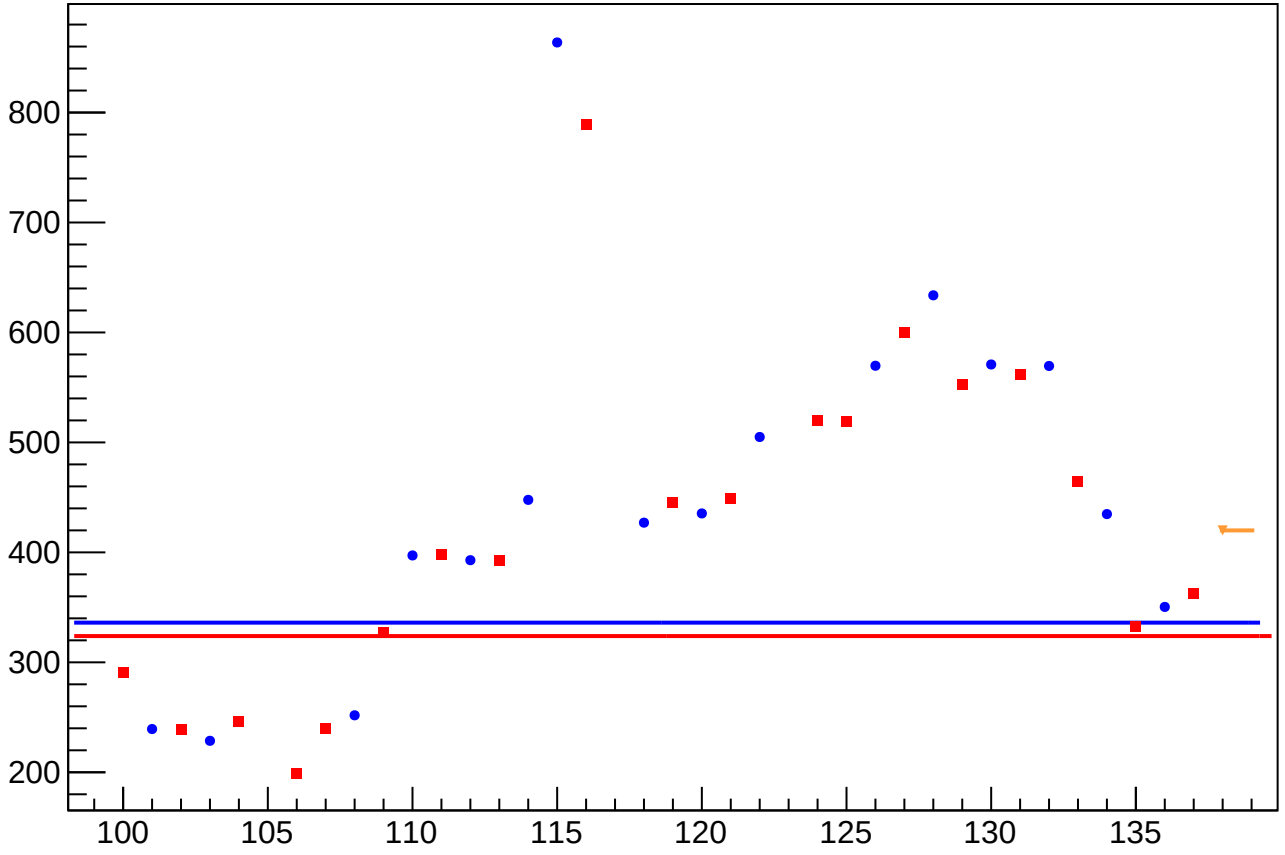
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.060+/-128.158 χ^2/NDF: 14.9/16

All: -71.258+/-89.921 χ^2/NDF: 29.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 336.092+/-0.094 χ^2/NDF: 1618997.2/15

Left Out: 419.975+/-0.337 χ^2/NDF:0.0/0

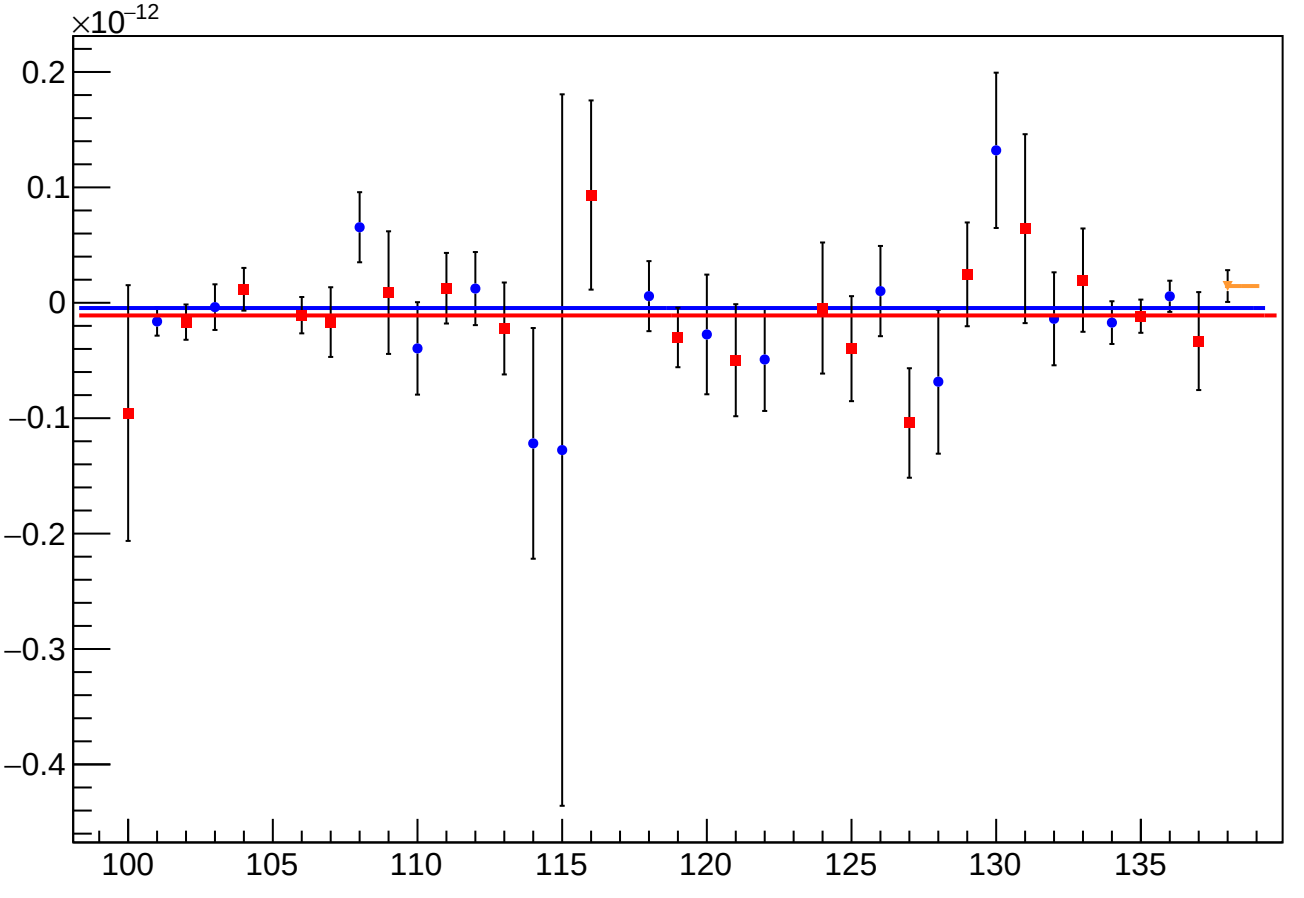
Right Out: 323.885+/-0.089 χ^2/NDF: 1665420.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 342.142+/-0.091 χ^2/NDF: 1676338.2/16

All: 332.873+/-0.064 χ^2/NDF: 3362365.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF: 12.4/18

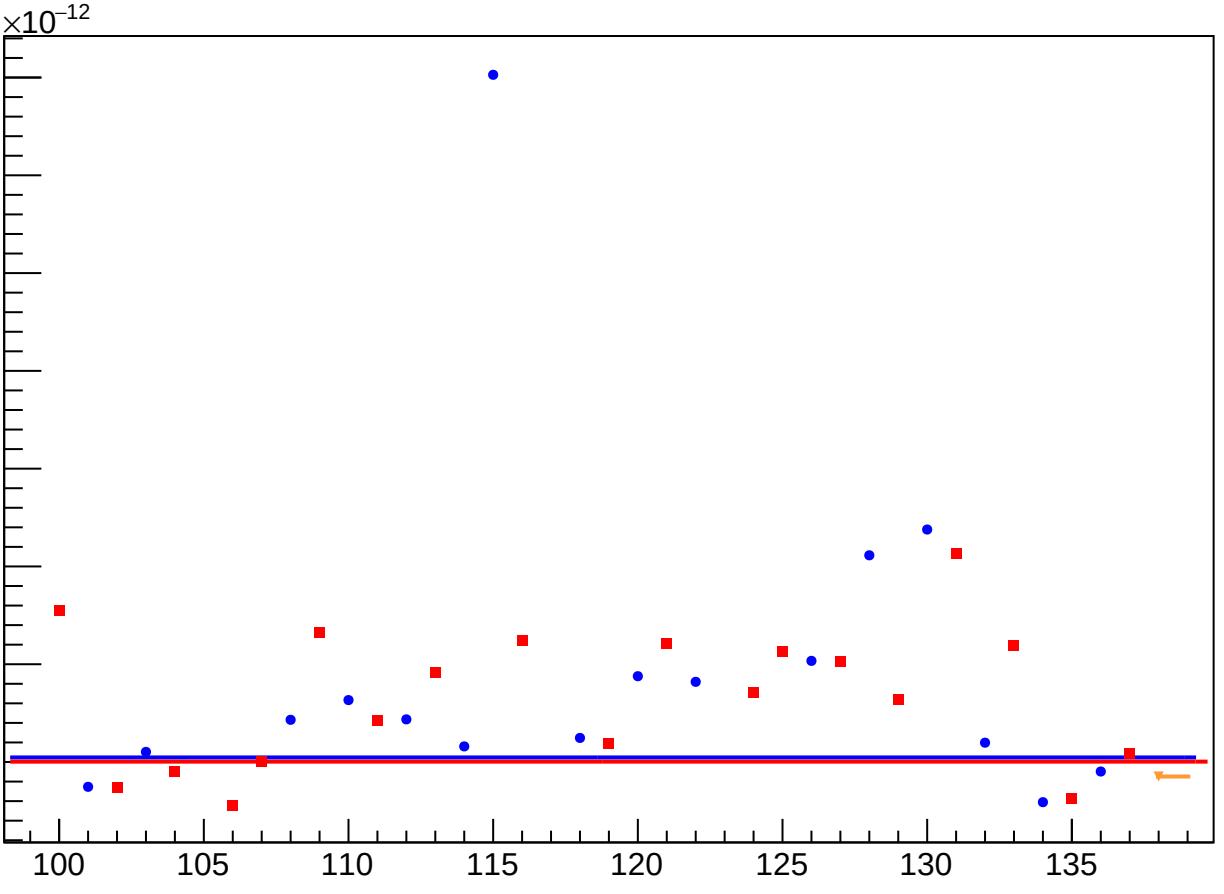
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 18.1/16

All: -0.000+/-0.000 χ^2/NDF: 31.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 1183833.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1415778.7/18

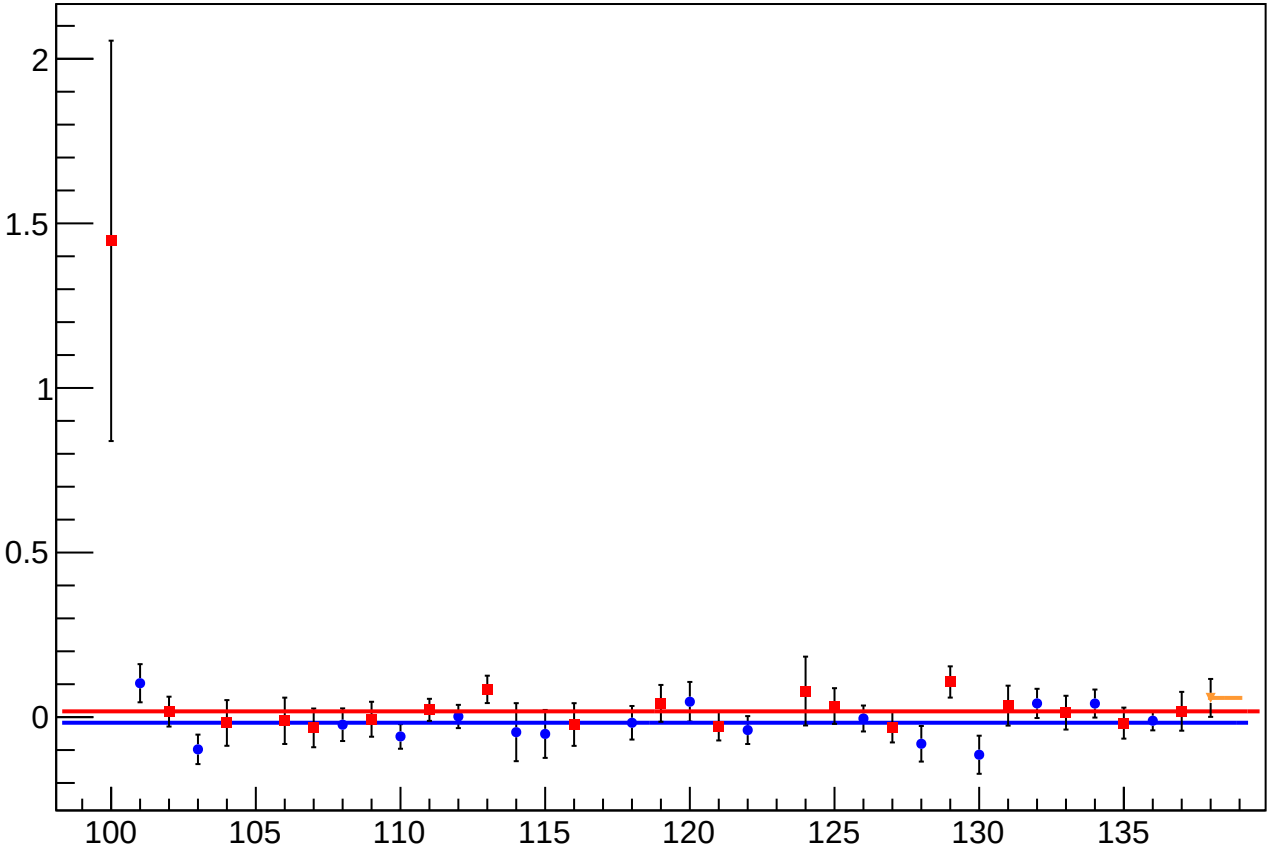
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1216737.8/16

All: 0.000+/-0.000 χ^2/NDF: 2632678.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.017+/-0.011 χ^2/NDF: 18.8/15

Left Out: 0.058+/-0.058 χ^2/NDF:0.0/0

Right Out: 0.018+/-0.012 χ^2/NDF: 16.8/18

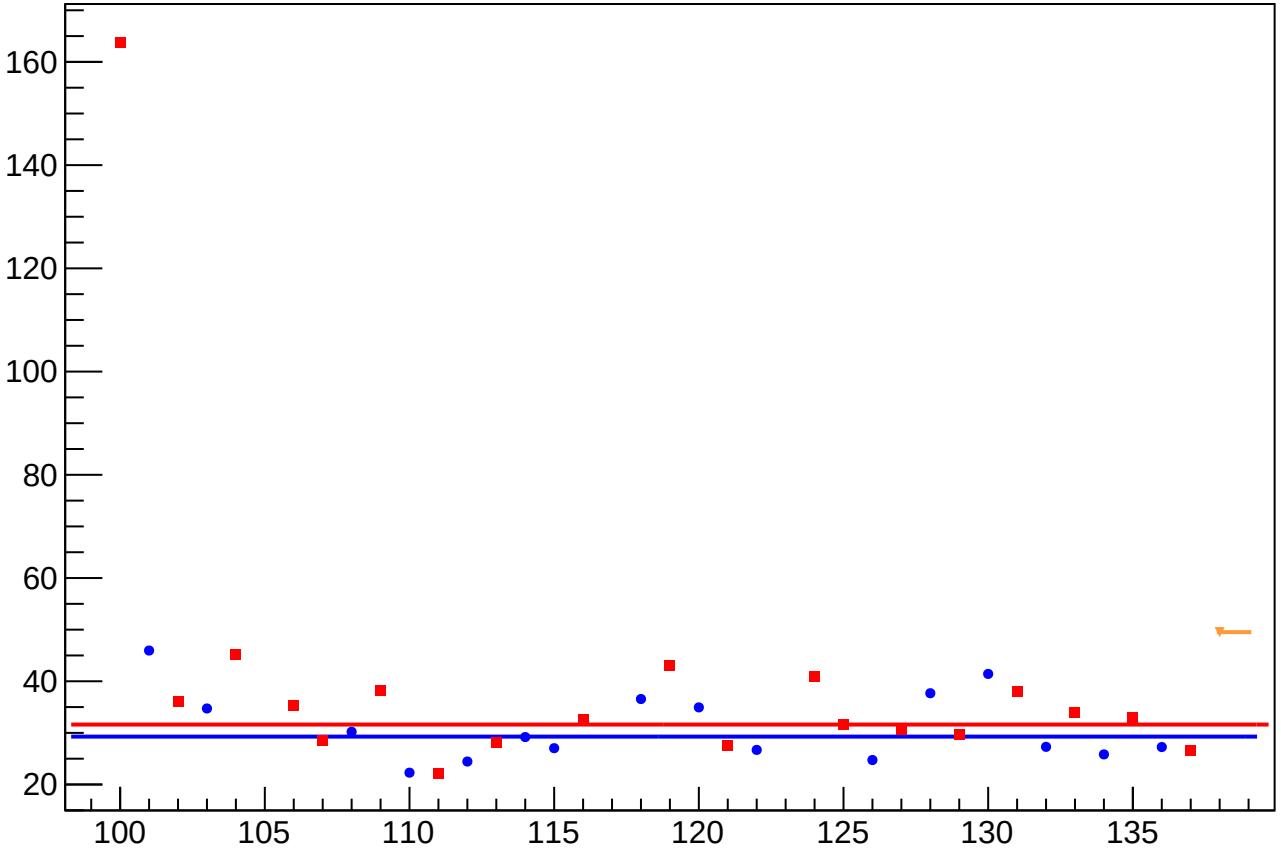
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.011 χ^2/NDF: 20.5/16

All: 0.000+/-0.008 χ^2/NDF: 41.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.278+/-0.008 χ^2/NDF: 560654.9/15

Left Out: 49.516+/-0.041 χ^2/NDF:0.0/0

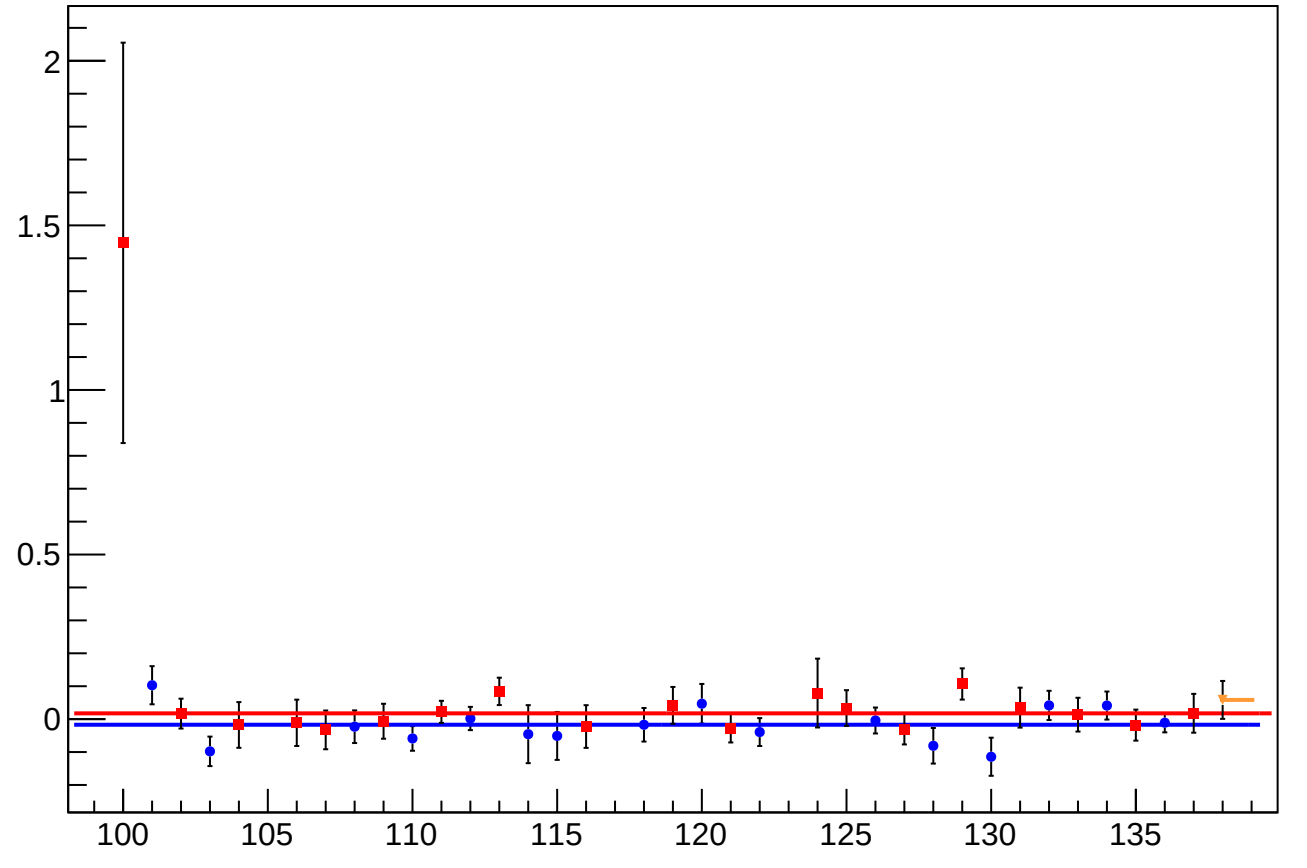
Right Out: 31.613+/-0.009 χ^2/NDF: 572190.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.034+/-0.008 χ^2/NDF: 798273.5/16

All: 30.758+/-0.006 χ^2/NDF: 1388918.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.017+/-0.011 χ^2/NDF: 18.8/15

Left Out: 0.058+/-0.058 χ^2/NDF:0.0/0

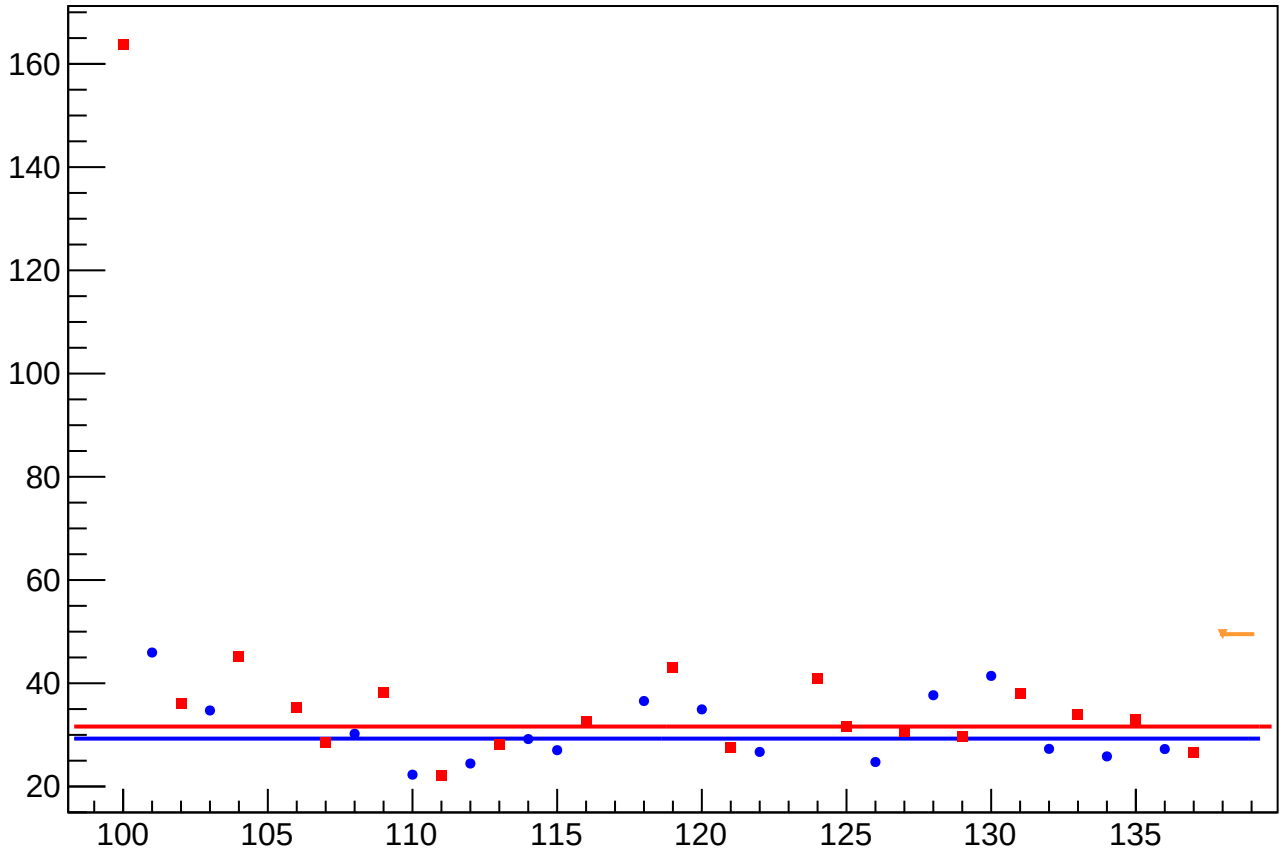
Right Out: 0.018+/-0.012 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.011 χ^2/NDF: 20.5/16

All: 0.000+/-0.008 χ^2/NDF: 41.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.278+/-0.008 χ^2/NDF: 560654.9/15

Left Out: 49.516+/-0.041 χ^2/NDF:0.0/0

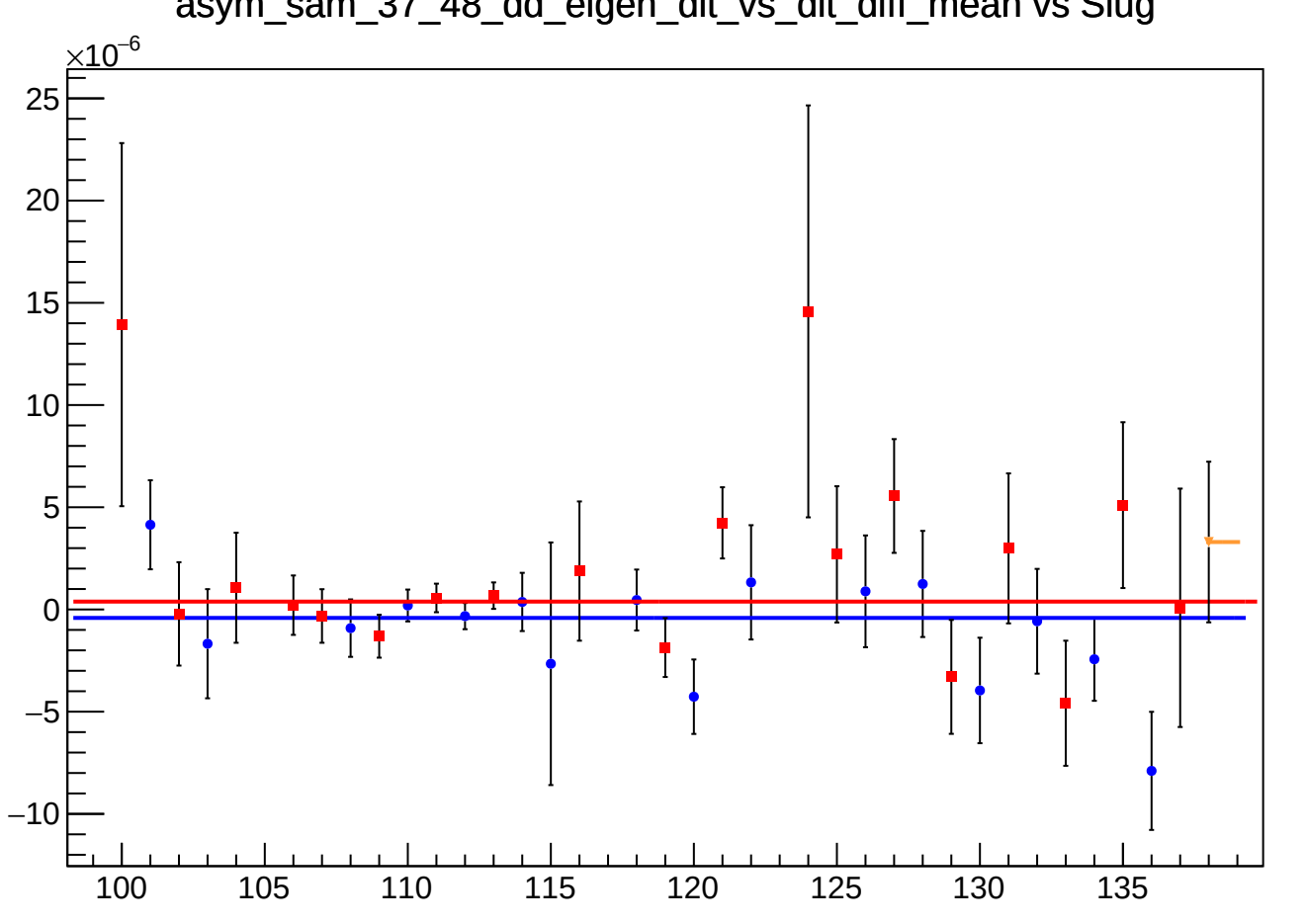
Right Out: 31.613+/-0.009 χ^2/NDF: 572190.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.034+/-0.008 χ^2/NDF: 798273.5/16

All: 30.758+/-0.006 χ^2/NDF: 1388918.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 21.2/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

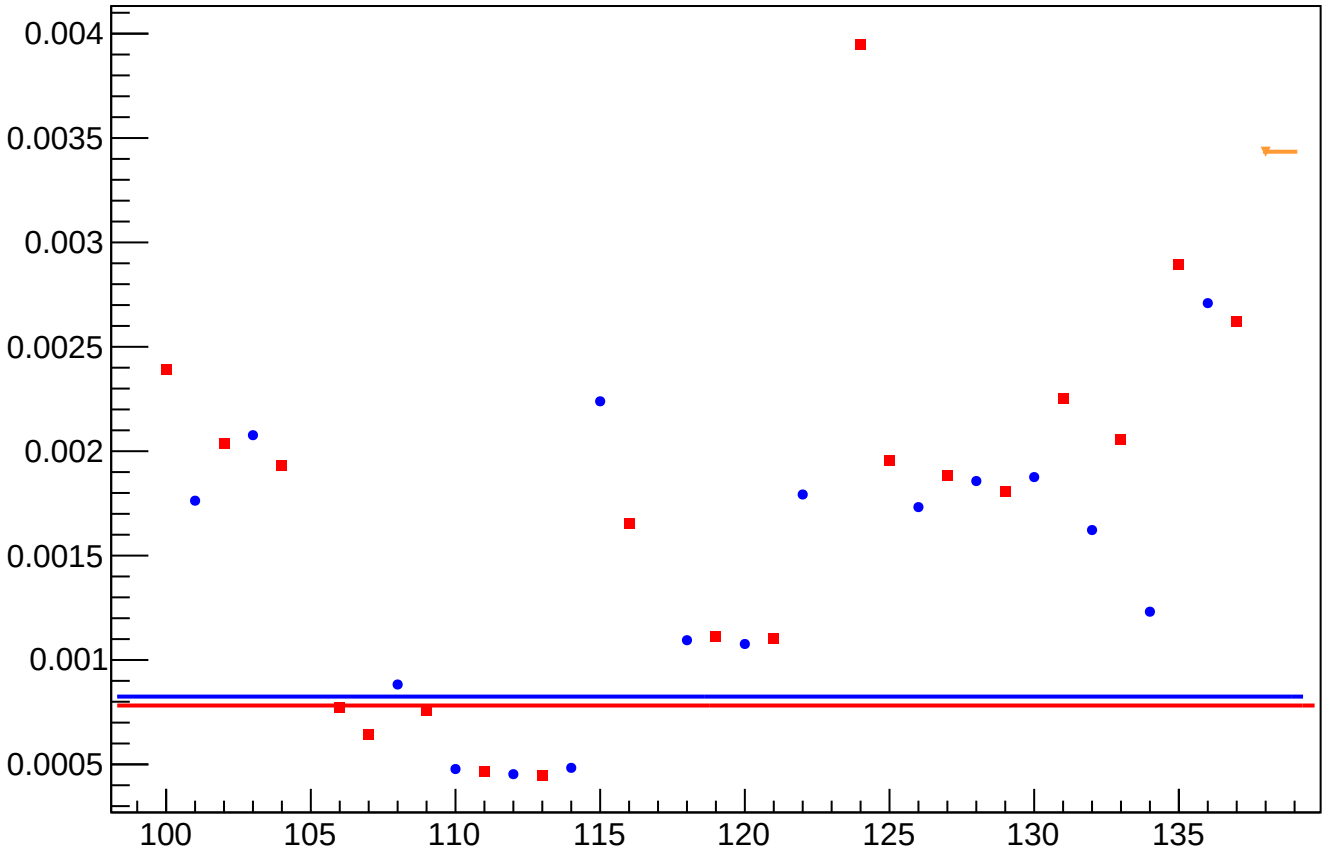
Right Out: 0.000+/-0.000 χ^2/NDF: 25.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 22.1/16

All: 0.000+/-0.000 χ^2/NDF: 49.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 4448725.9/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

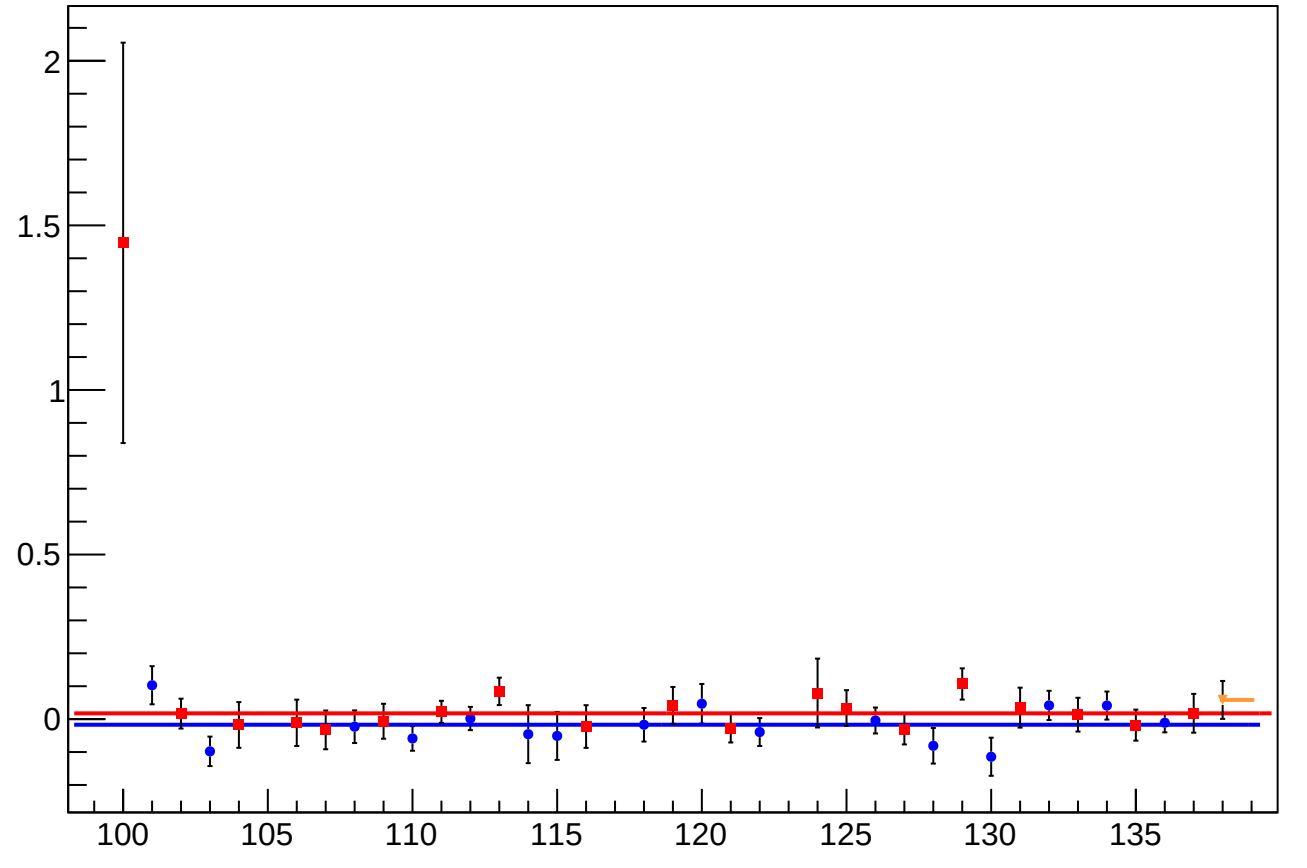
Right Out: 0.001+/-0.000 χ^2/NDF: 4638419.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 5323048.5/16

All: 0.001+/-0.000 χ^2/NDF: 9995038.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.017+/-0.011 χ^2/NDF: 18.8/15

Left Out: 0.058+/-0.058 χ^2/NDF:0.0/0

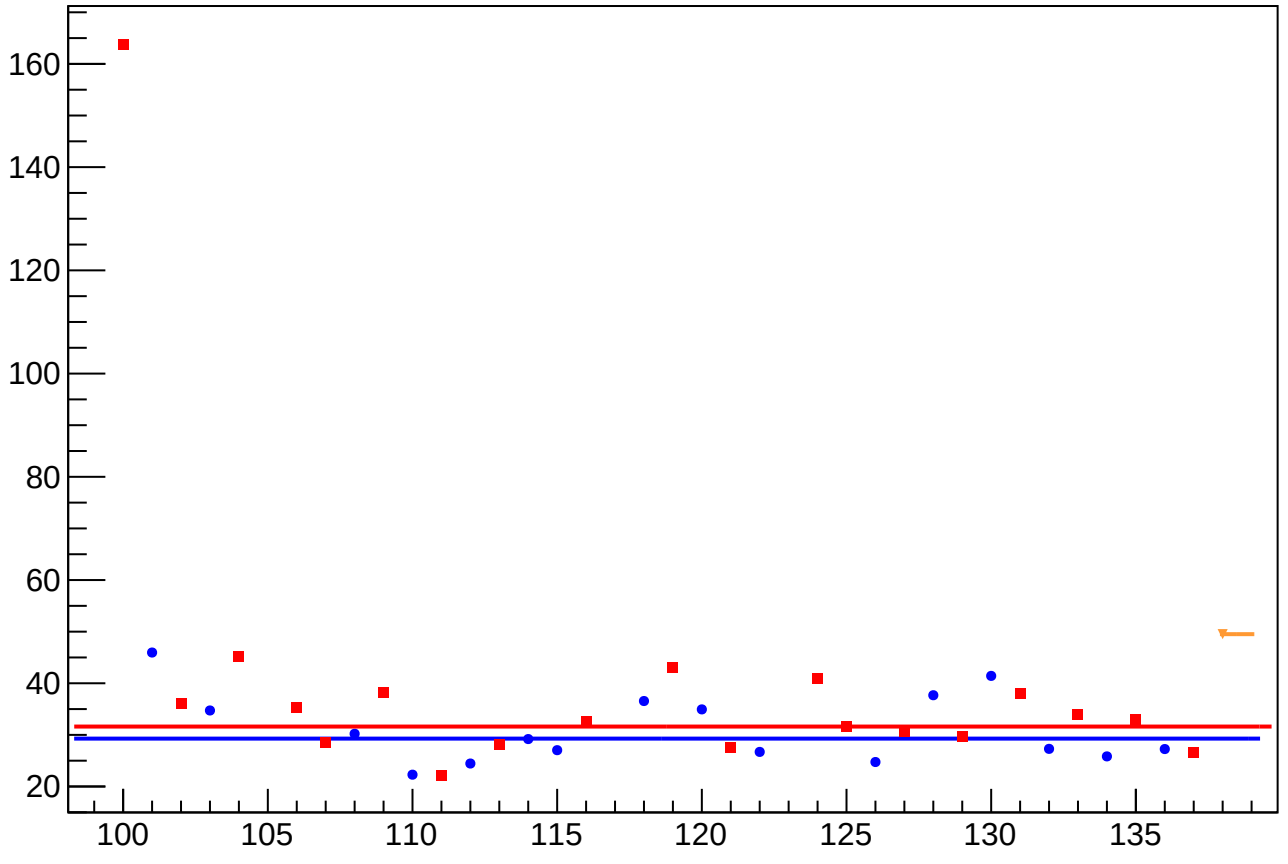
Right Out: 0.018+/-0.012 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.011 χ^2/NDF: 20.5/16

All: 0.000+/-0.008 χ^2/NDF: 41.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.278+/-0.008 χ^2/NDF: 560654.1/15

Left Out: 49.515+/-0.041 χ^2/NDF:0.0/0

Right Out: 31.614+/-0.009 χ^2/NDF: 572187.4/18

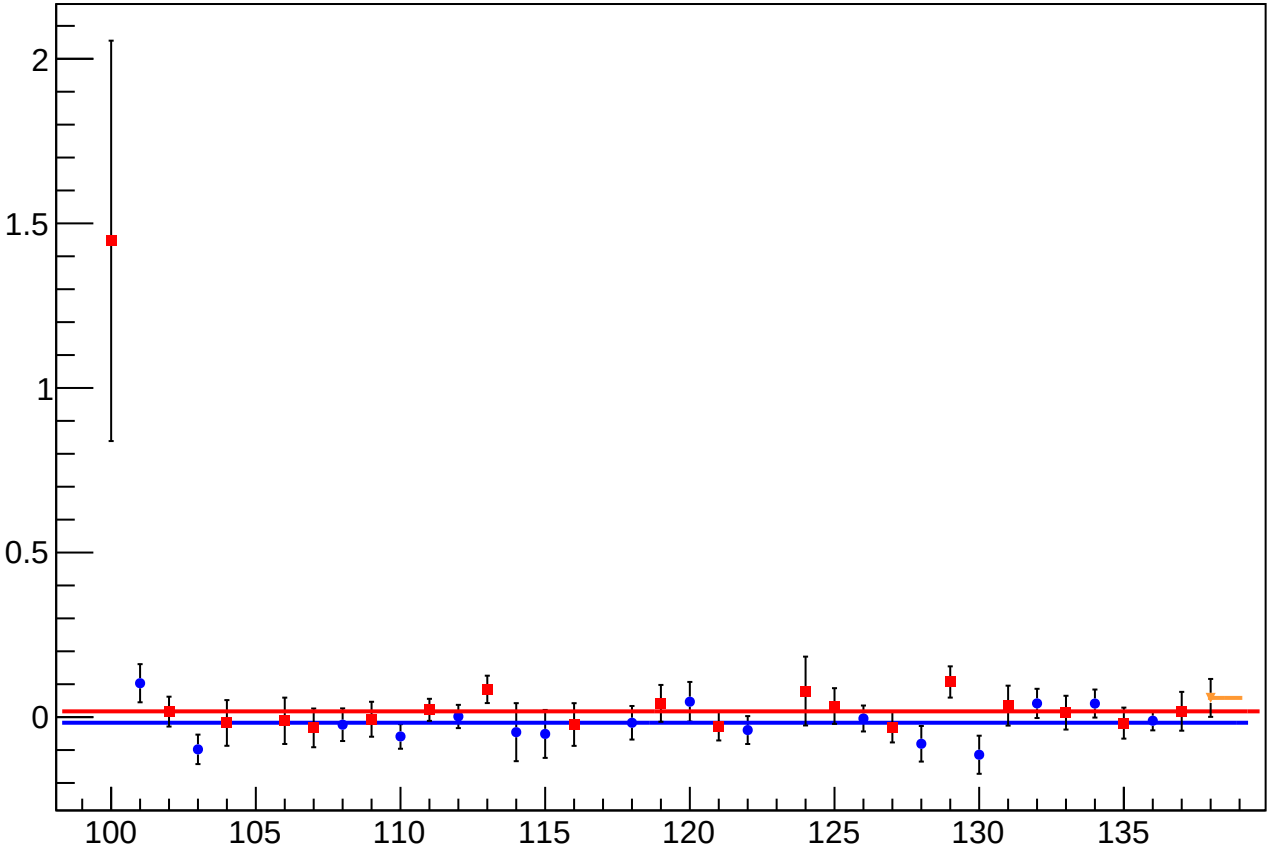
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.034+/-0.008 χ^2/NDF: 798257.8/16

All: 30.758+/-0.006 χ^2/NDF: 1388902.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017+/-0.011 χ^2/NDF: 18.8/15

Left Out: 0.058+/-0.058 χ^2/NDF:0.0/0

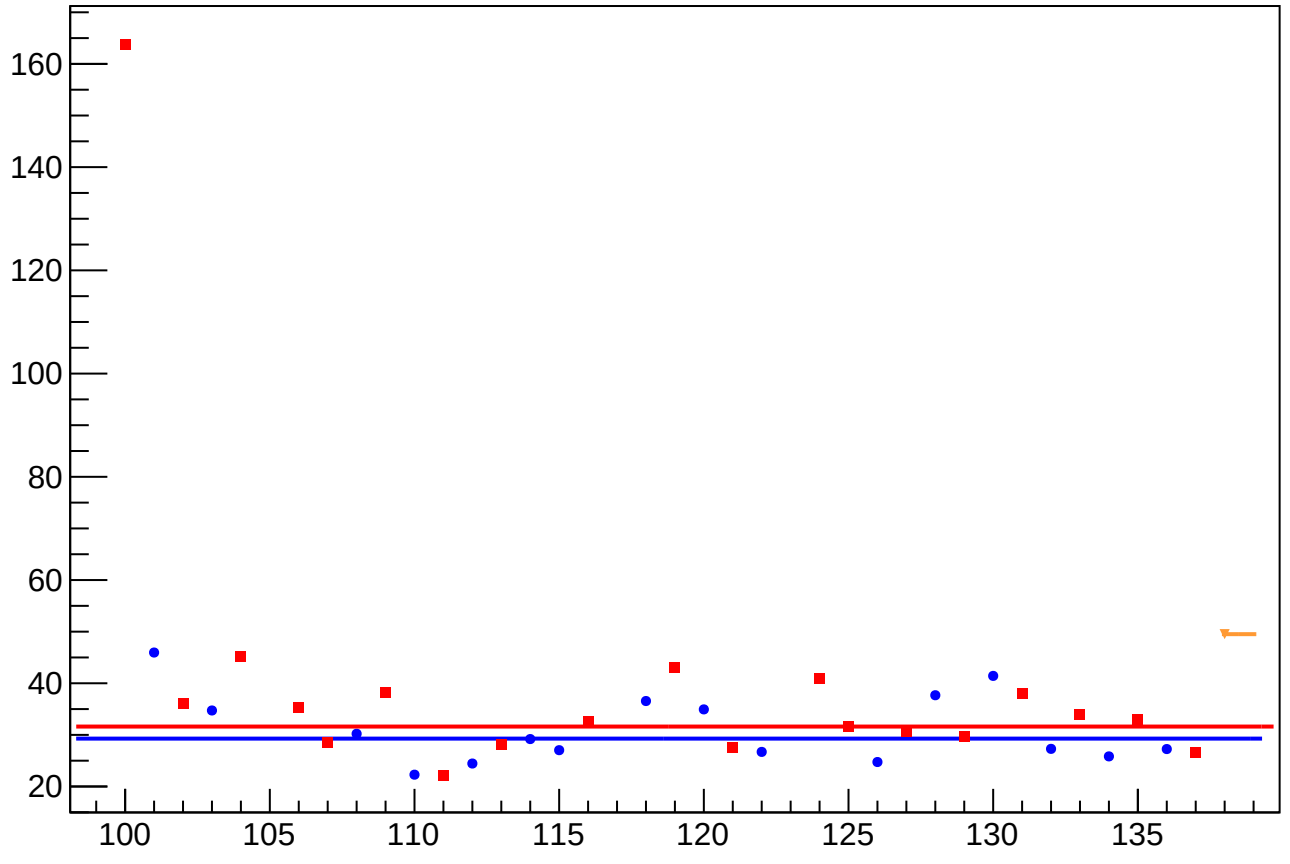
Right Out: 0.018+/-0.012 χ^2/NDF: 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.014+/-0.011 χ^2/NDF: 20.5/16

All: 0.000+/-0.008 χ^2/NDF: 41.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.278+/-0.008 χ^2/NDF: 560654.1/15

Left Out: 49.515+/-0.041 χ^2/NDF:0.0/0

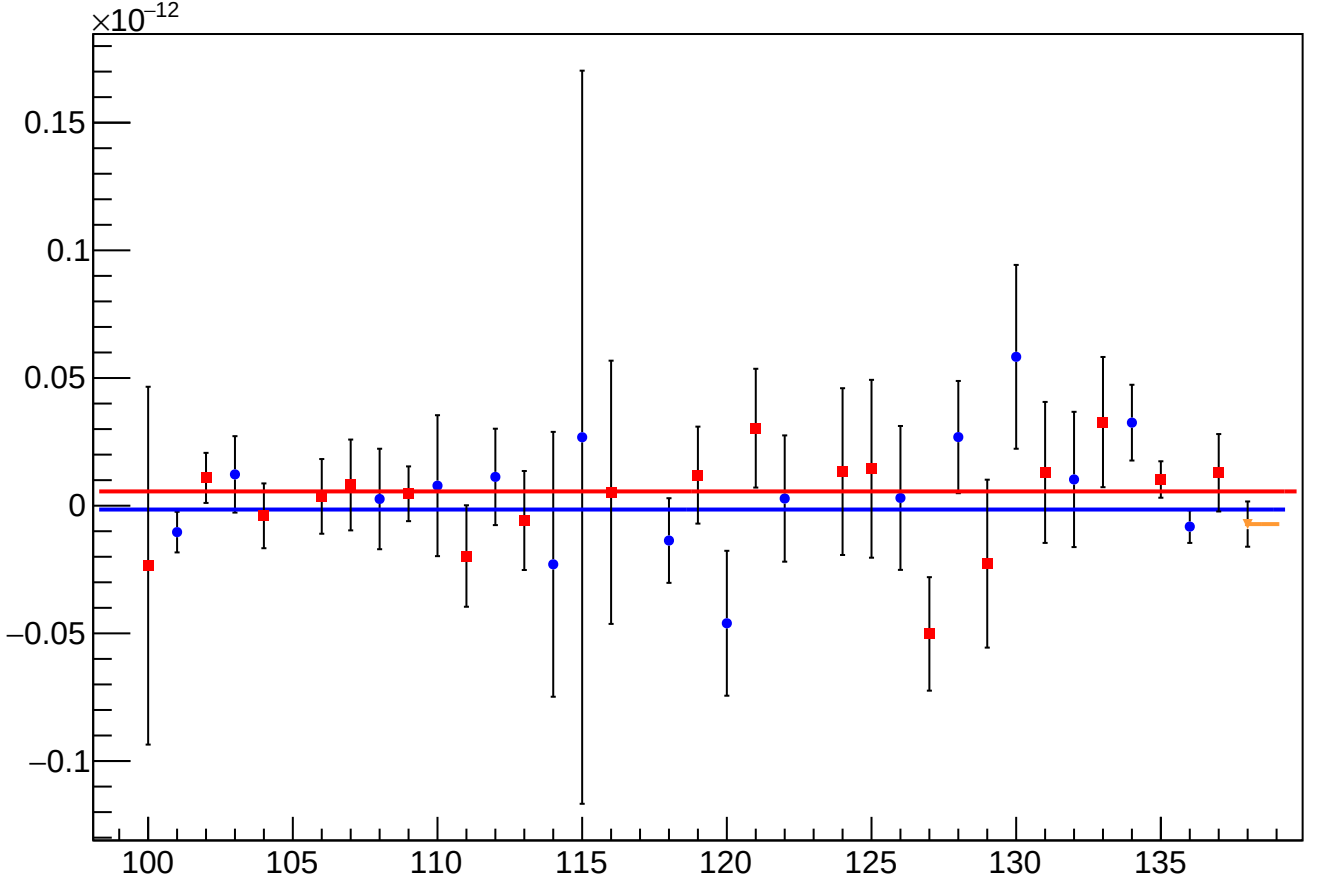
Right Out: 31.614+/-0.009 χ^2/NDF: 572187.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.034+/-0.008 χ^2/NDF: 798257.8/16

All: 30.758+/-0.006 χ^2/NDF: 1388902.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 16.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

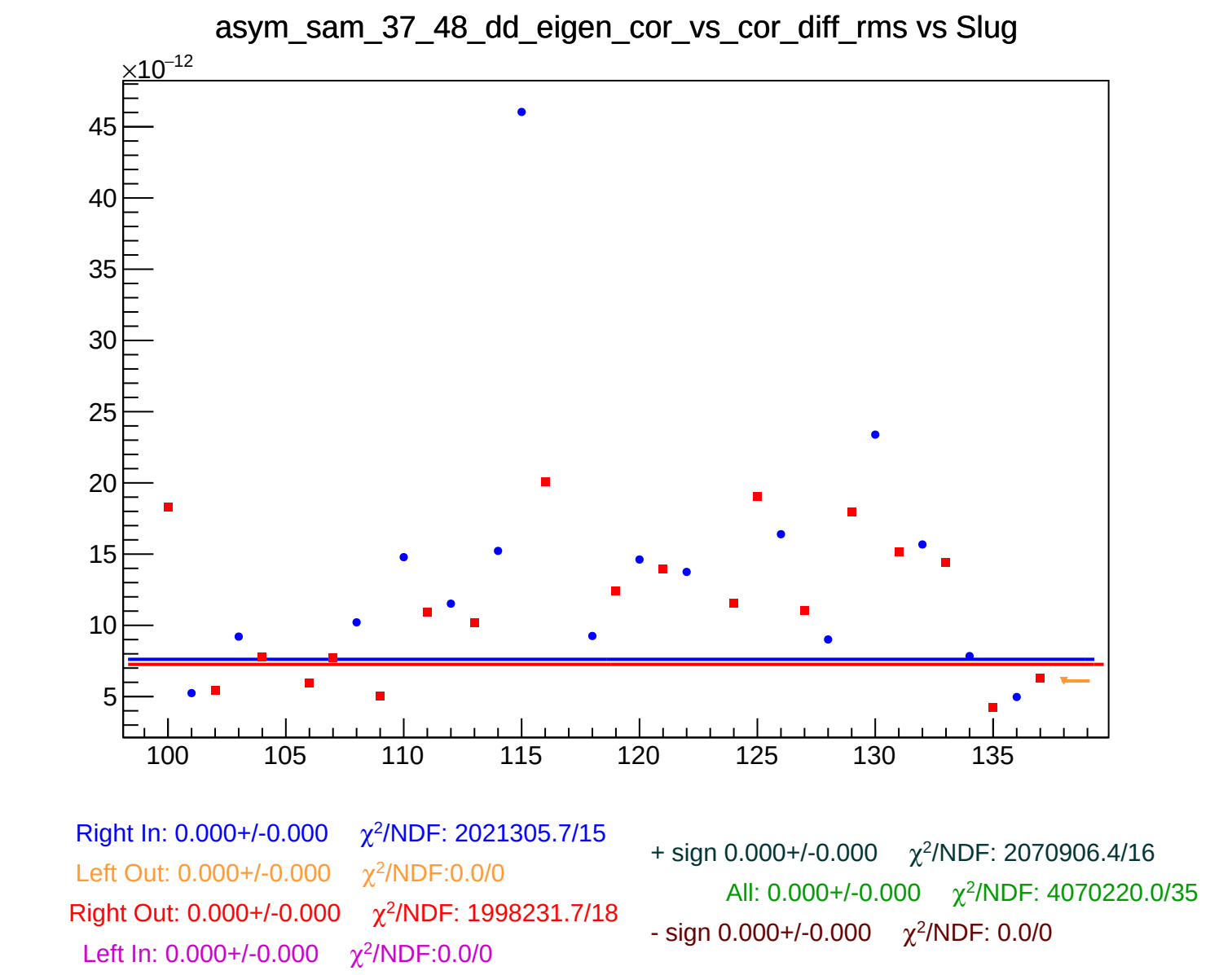
Right Out: 0.000+/-0.000 χ^2/NDF: 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

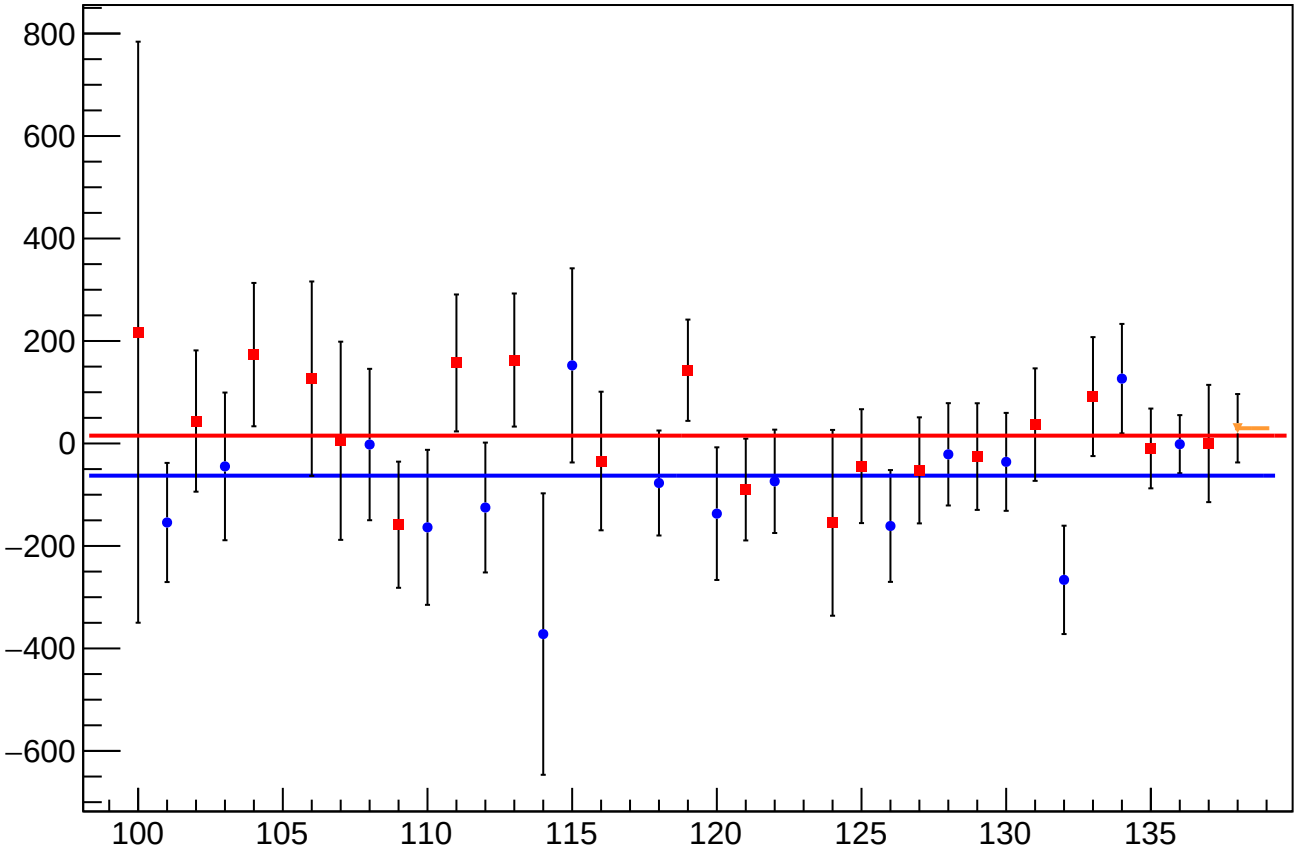
+ sign -0.000+/-0.000 χ^2/NDF: 17.3/16

All: 0.000+/-0.000 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
45
40
35
30
25
20
15
10
5
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2021305.7/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1998231.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2070906.4/16
All: 0.000+/-0.000 χ²/NDF: 4070220.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -62.798+/-27.213 χ^2/NDF: 13.5/15

Left Out: 29.713+/-66.756 χ^2/NDF:0.0/0

Right Out: 15.288+/-27.770 χ^2/NDF: 11.5/18

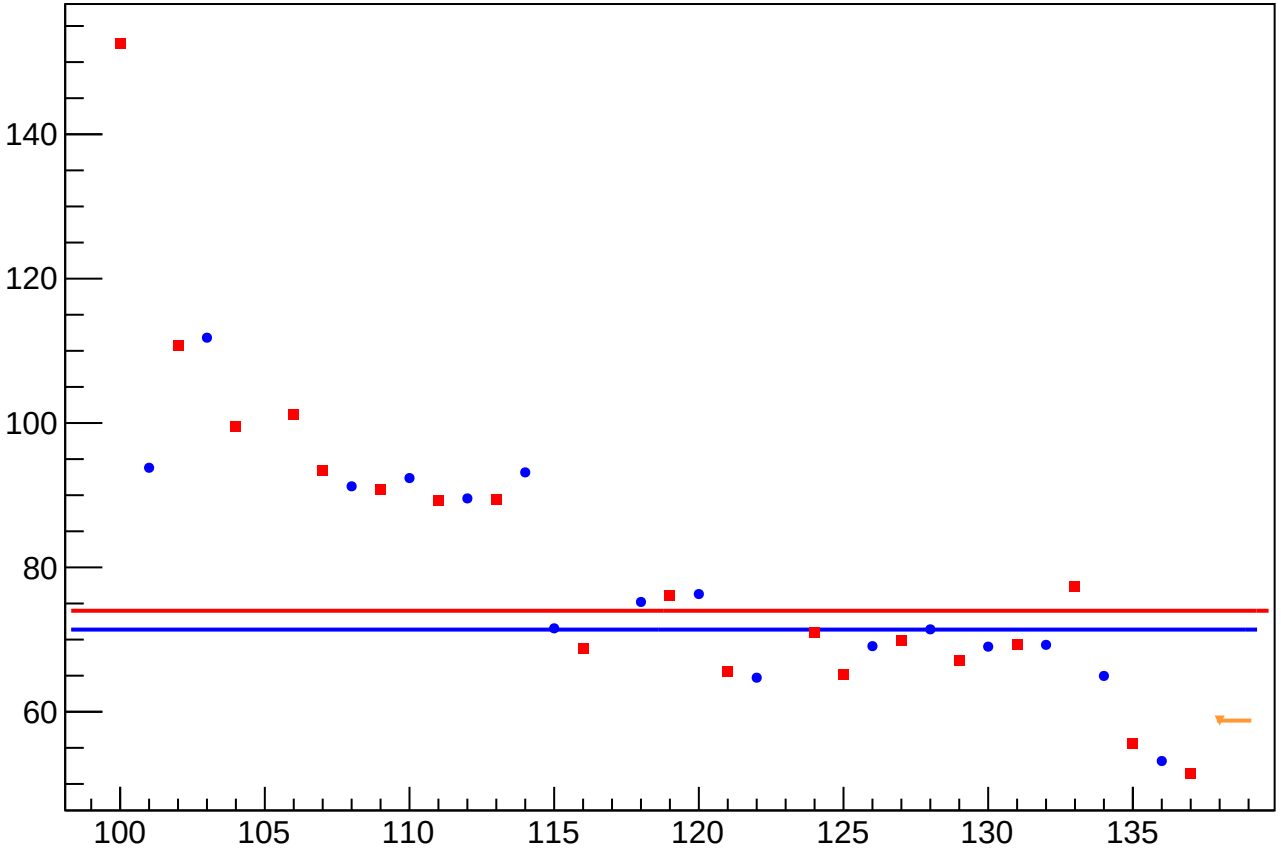
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -49.615+/-25.200 χ^2/NDF: 15.1/16

All: -20.306+/-18.662 χ^2/NDF: 29.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 71.383+/-0.019 χ^2/NDF: 590909.3/15

Left Out: 58.781+/-0.047 χ^2/NDF:0.0/0

Right Out: 73.994+/-0.020 χ^2/NDF: 638445.5/18

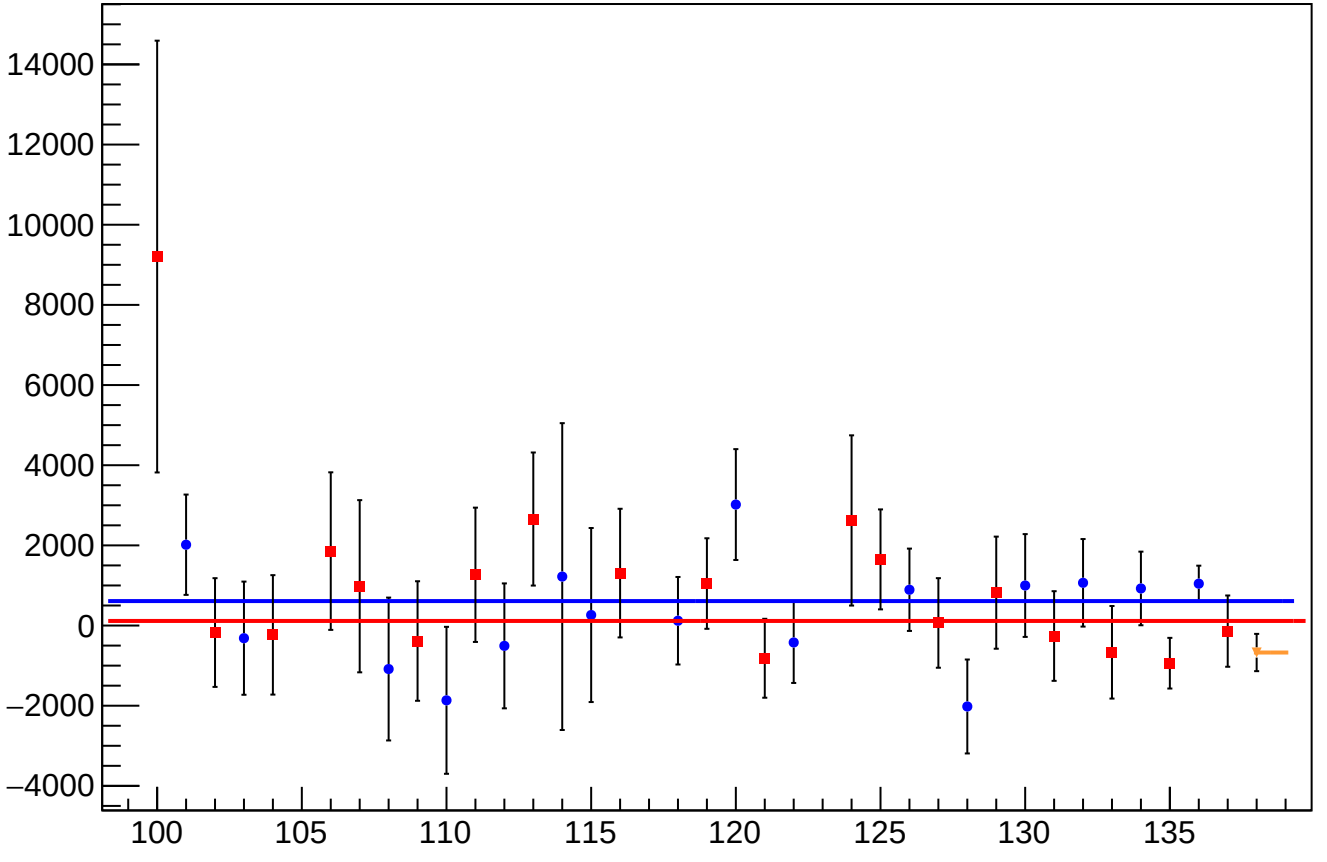
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.587+/-0.018 χ^2/NDF: 652032.8/16

All: 71.577+/-0.013 χ^2/NDF: 1318092.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 610.561+/-266.802 χ^2/NDF: 15.7/15

Left Out: -672.973+/-464.962 χ^2/NDF:0.0/0

Right Out: 114.633+/-284.312 χ^2/NDF: 15.6/18

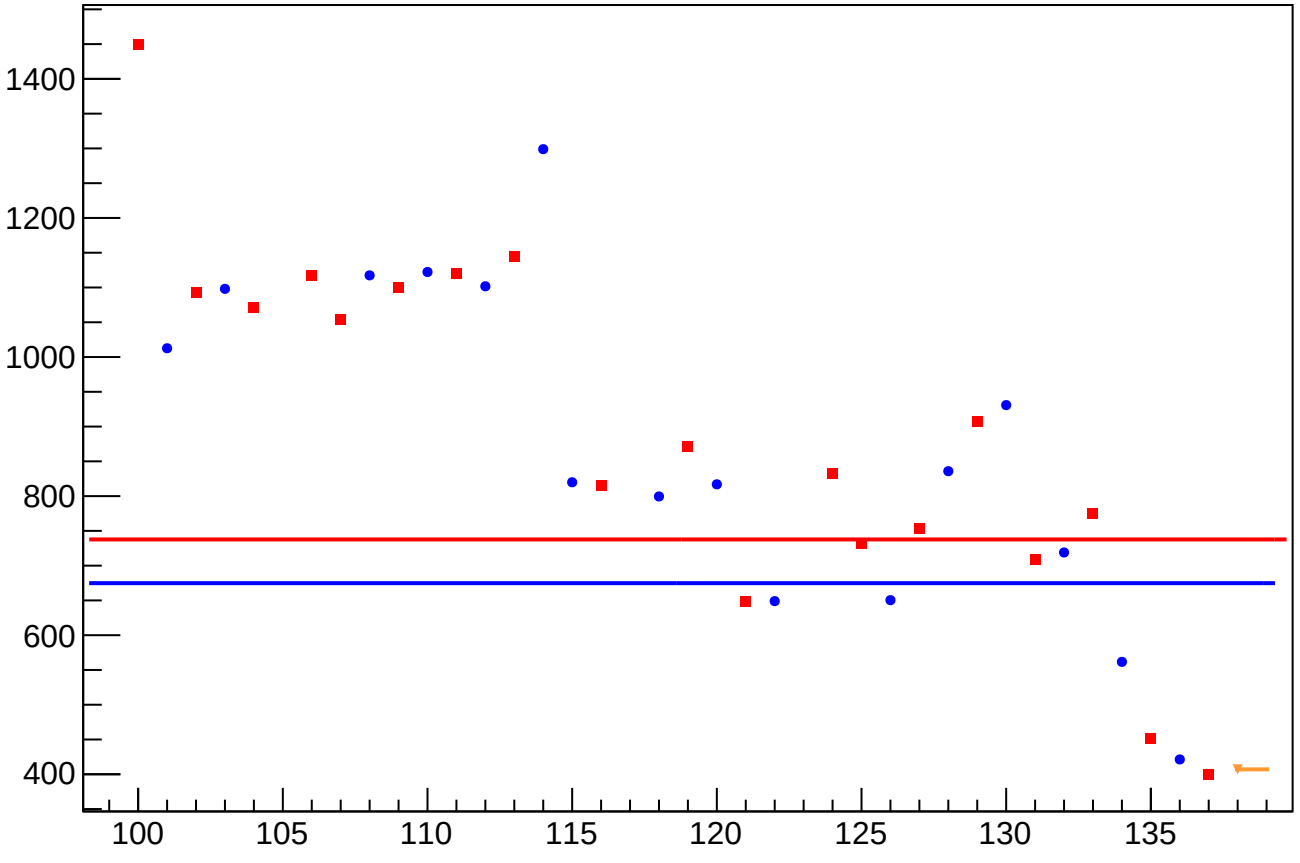
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 292.625+/-231.411 χ^2/NDF: 21.4/16

All: 221.697+/-179.475 χ^2/NDF: 37.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 674.830+/-0.189 χ^2/NDF: 1617598.7/15

Left Out: 407.065+/-0.329 χ^2/NDF:0.0/0

Right Out: 737.674+/-0.201 χ^2/NDF: 1516748.6/18

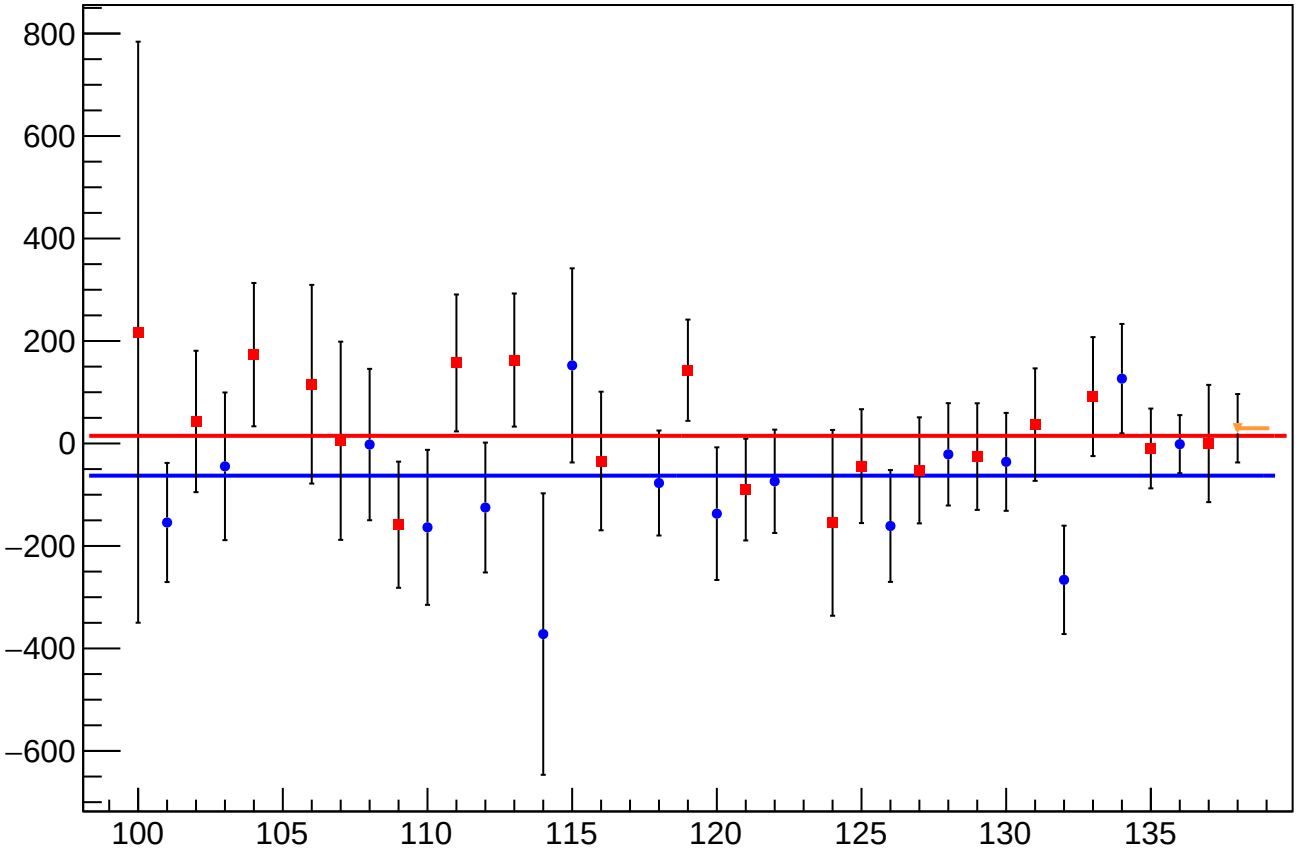
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 608.504+/-0.164 χ^2/NDF: 2116590.0/16

All: 659.977+/-0.127 χ^2/NDF: 3881655.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -62.789+/-27.213 χ^2/NDF: 13.5/15

Left Out: 29.707+/-66.756 χ^2/NDF:0.0/0

Right Out: 14.932+/-27.783 χ^2/NDF: 11.4/18

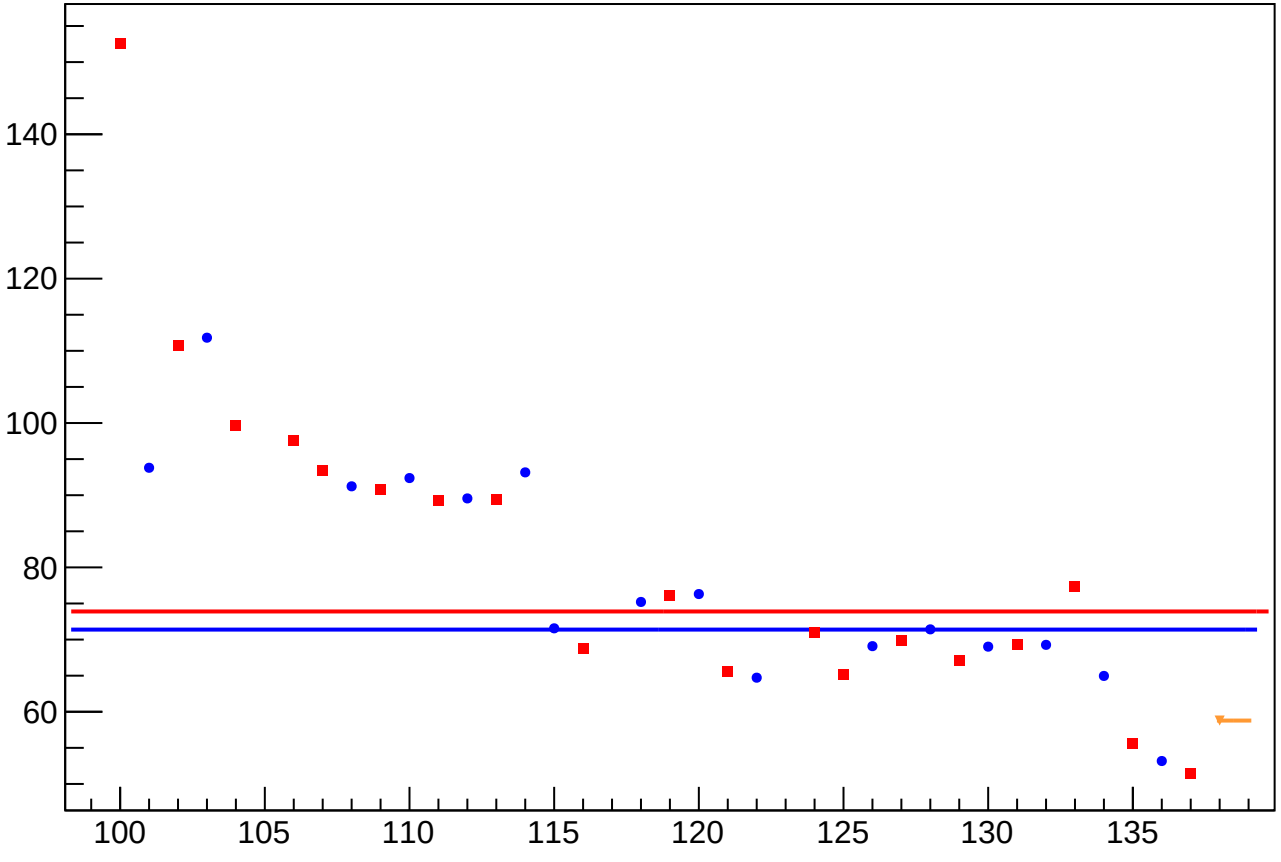
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -49.609+/-25.200 χ^2/NDF: 15.1/16

All: -20.478+/-18.666 χ^2/NDF: 29.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 71.383+/-0.019 χ^2/NDF: 590911.7/15

Left Out: 58.781+/-0.047 χ^2/NDF:0.0/0

Right Out: 73.894+/-0.020 χ^2/NDF: 627014.3/18

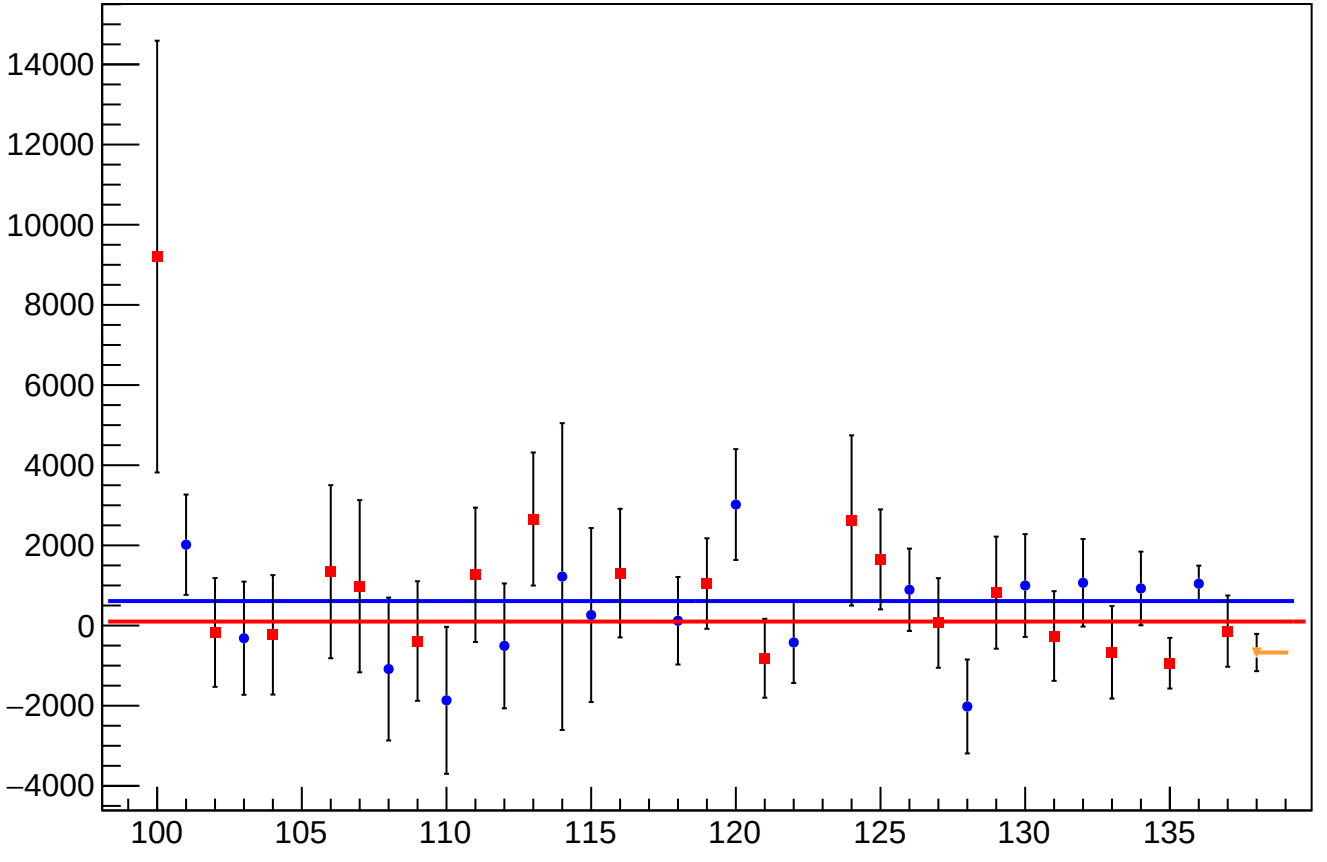
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.587+/-0.018 χ^2/NDF: 652035.4/16

All: 71.531+/-0.013 χ^2/NDF: 1305414.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 610.549+/-266.803 χ^2/NDF: 15.7/15

Left Out: -672.965+/-464.963 χ^2/NDF:0.0/0

Right Out: 99.555+/-284.831 χ^2/NDF: 15.1/18

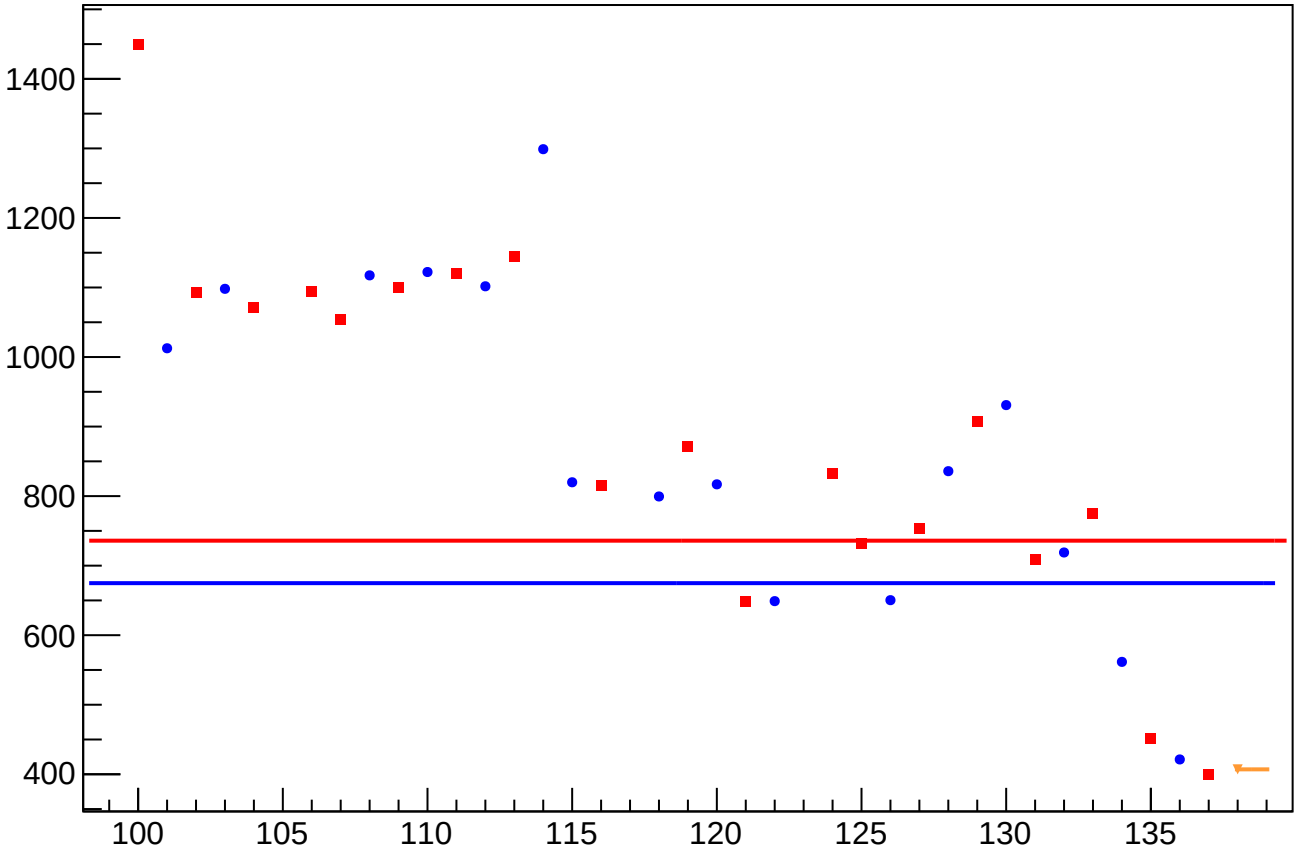
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 292.618+/-231.411 χ^2/NDF: 21.4/16

All: 215.853+/-179.606 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 674.831+/-0.189 χ^2/NDF: 1617624.1/15

Left Out: 407.065+/-0.329 χ^2/NDF:0.0/0

Right Out: 735.919+/-0.201 χ^2/NDF: 1496977.2/18

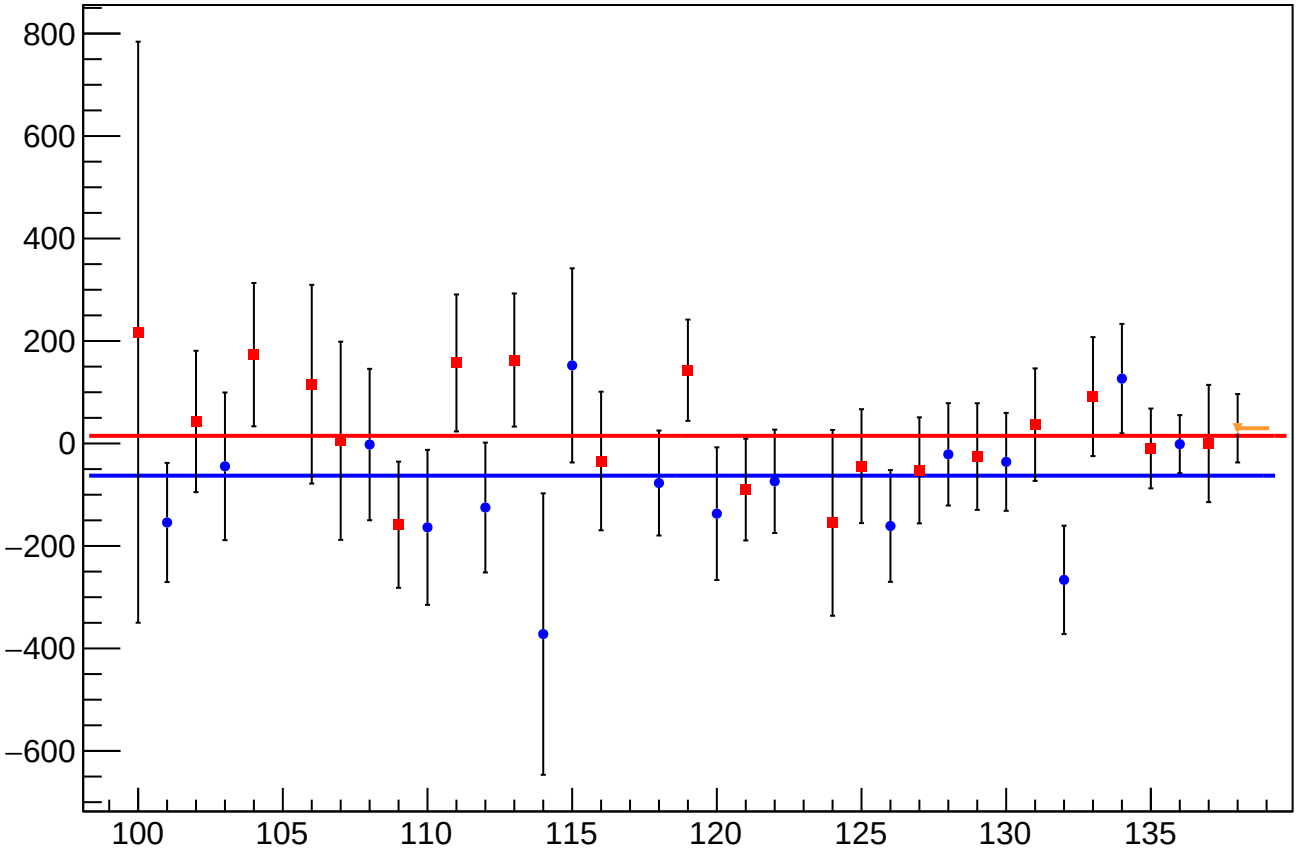
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 608.504+/-0.164 χ^2/NDF: 2116613.6/16

All: 659.167+/-0.127 χ^2/NDF: 3854675.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -62.789+/-27.213 χ^2/NDF: 13.5/15

Left Out: 29.707+/-66.756 χ^2/NDF:0.0/0

Right Out: 14.932+/-27.783 χ^2/NDF: 11.4/18

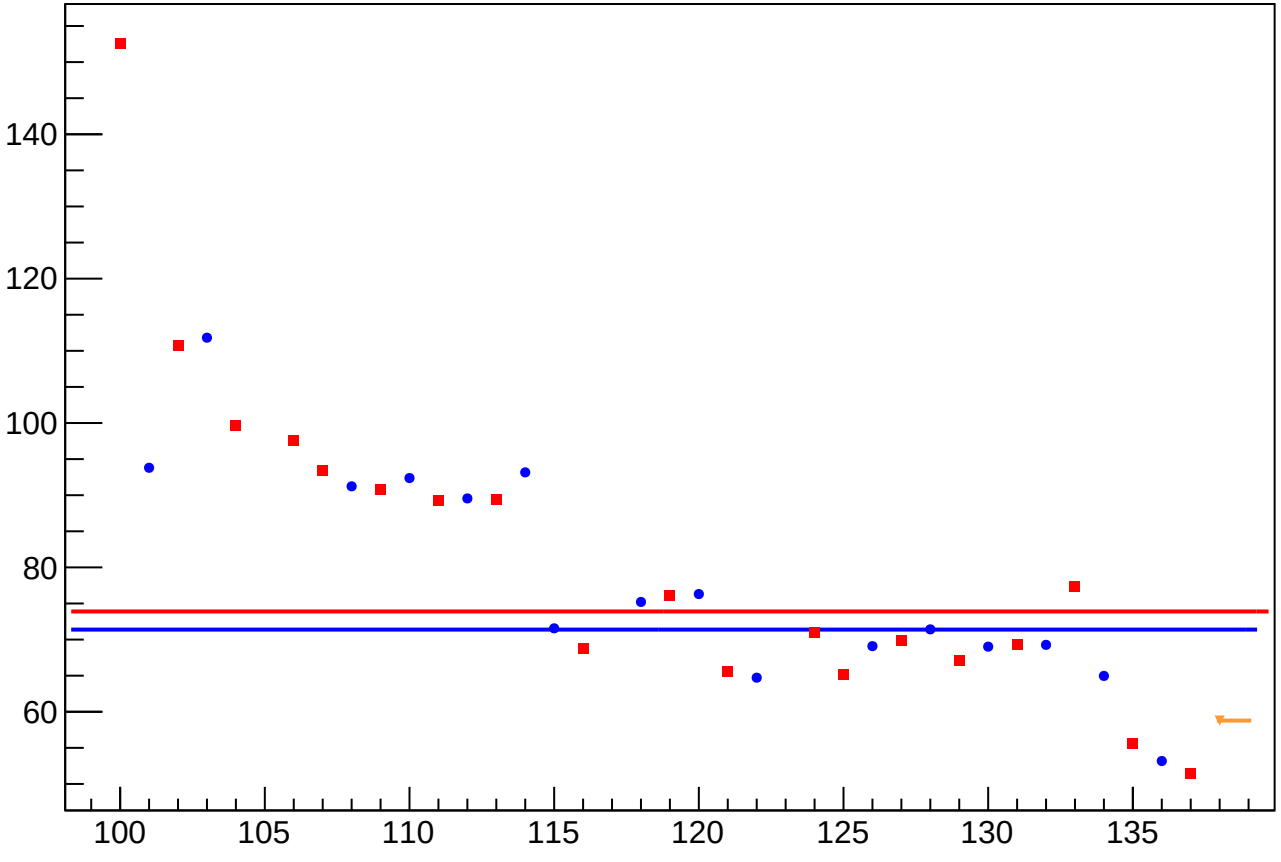
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -49.609+/-25.200 χ^2/NDF: 15.1/16

All: -20.478+/-18.666 χ^2/NDF: 29.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 71.383+/-0.019 χ^2/NDF: 590911.7/15

Left Out: 58.781+/-0.047 χ^2/NDF:0.0/0

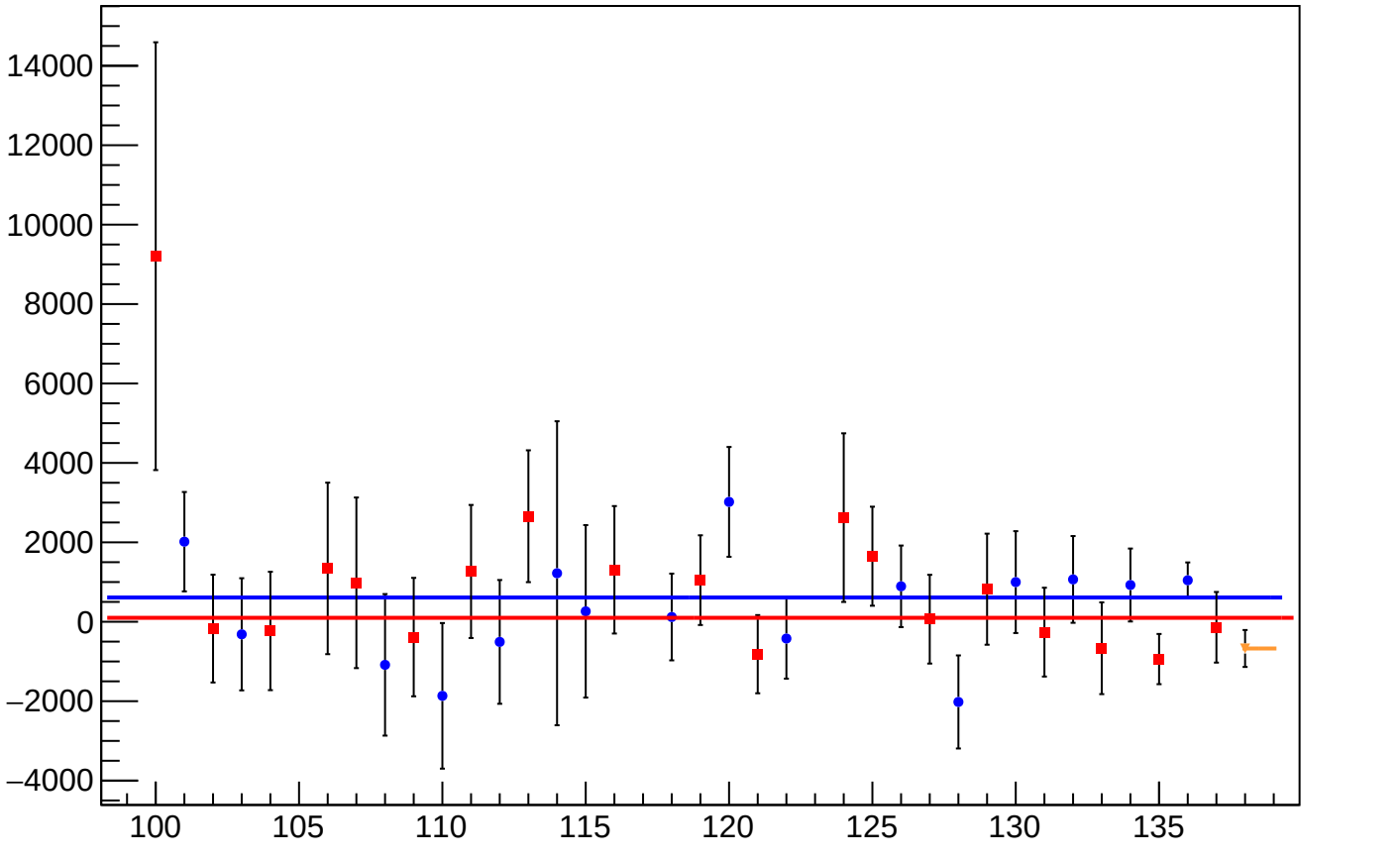
Right Out: 73.894+/-0.020 χ^2/NDF: 627014.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.587+/-0.018 χ^2/NDF: 652035.4/16

All: 71.531+/-0.013 χ^2/NDF: 1305414.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 610.549+/-266.803 χ^2/NDF: 15.7/15

Left Out: -672.965+/-464.963 χ^2/NDF:0.0/0

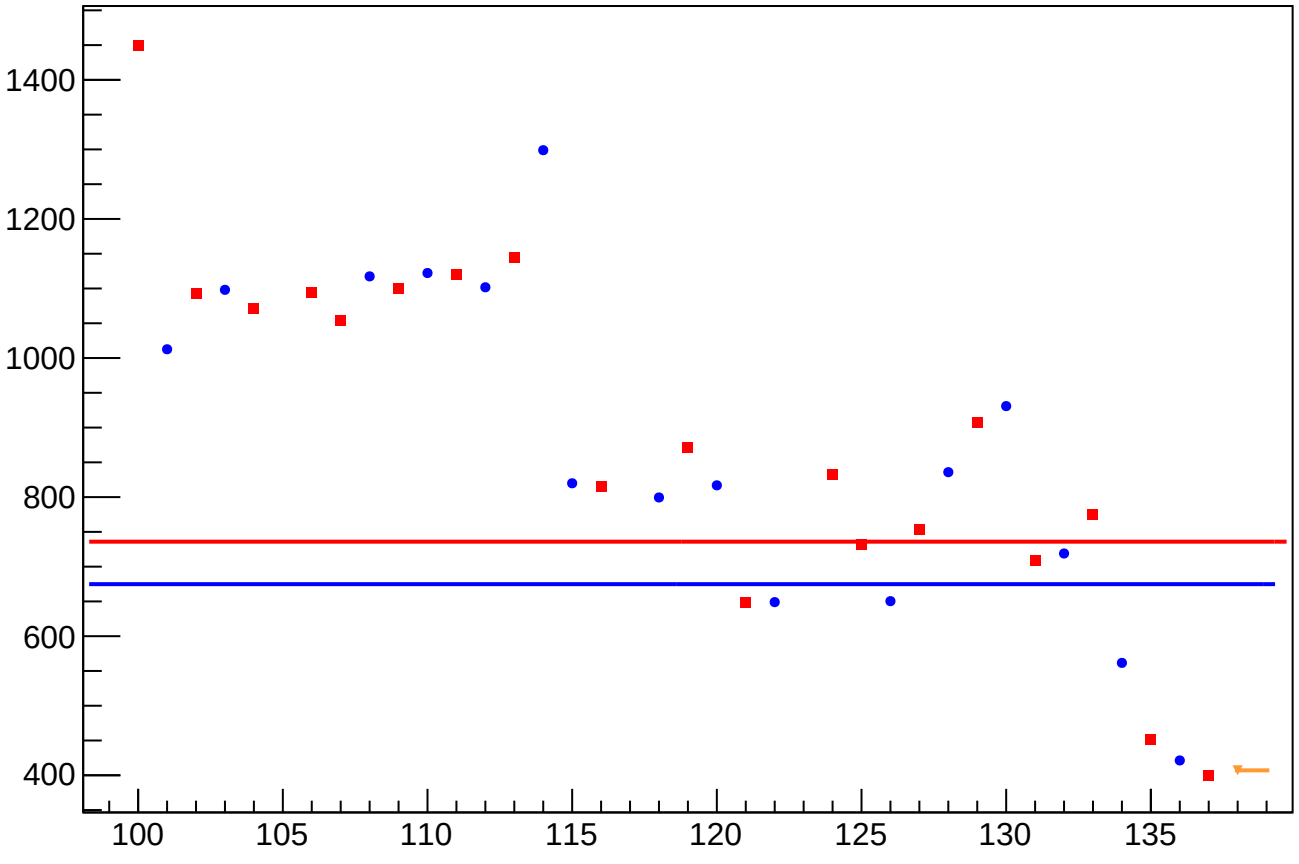
Right Out: 99.555+/-284.831 χ^2/NDF: 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 292.618+/-231.411 χ^2/NDF: 21.4/16

All: 215.853+/-179.606 χ^2/NDF: 36.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 674.831+/-0.189 χ^2/NDF: 1617624.1/15

Left Out: 407.065+/-0.329 χ^2/NDF:0.0/0

Right Out: 735.919+/-0.201 χ^2/NDF: 1496977.2/18

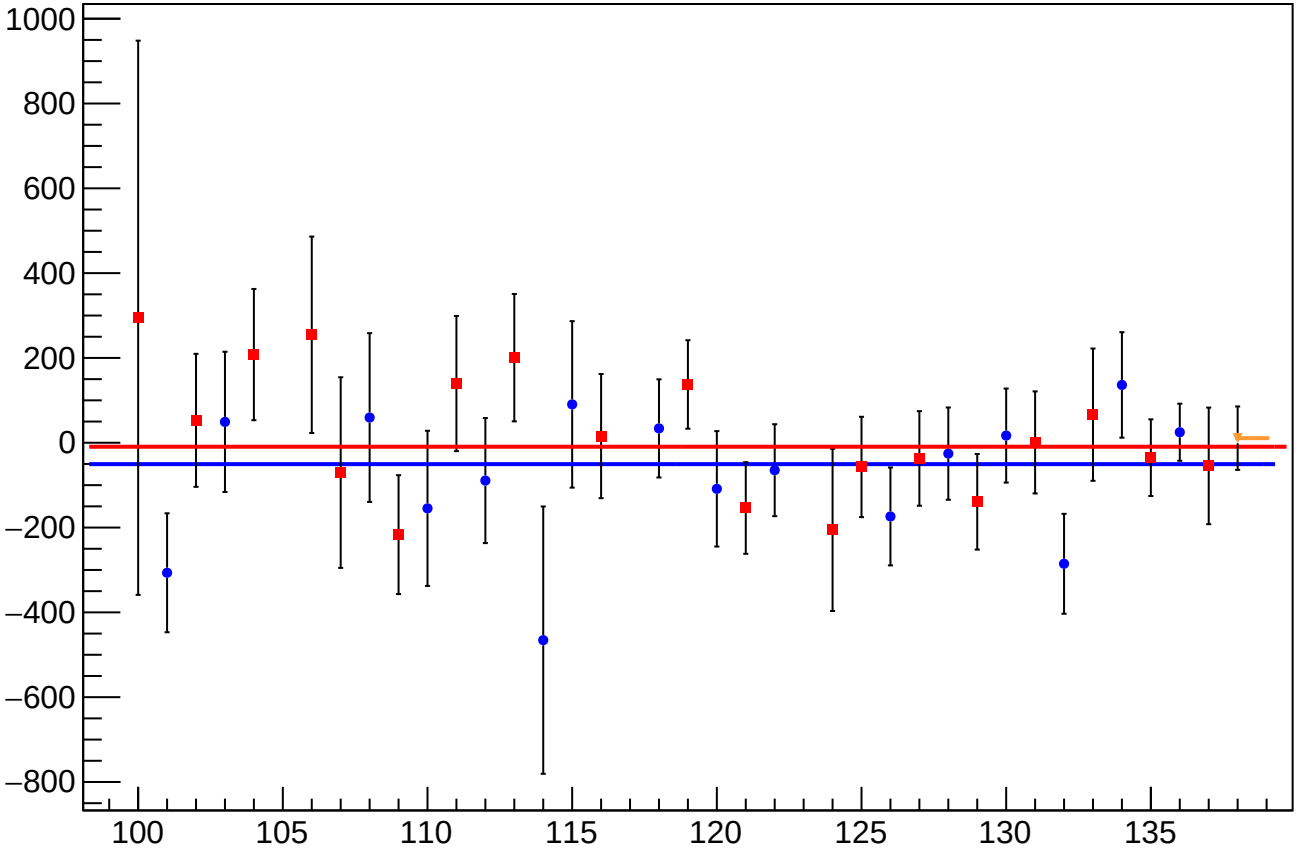
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 608.504+/-0.164 χ^2/NDF: 2116613.6/16

All: 659.167+/-0.127 χ^2/NDF: 3854675.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -50.465+/-31.061 χ^2/NDF: 16.4/15

Left Out: 10.850+/-74.750 χ^2/NDF:0.0/0

Right Out: -9.380+/-31.235 χ^2/NDF: 15.6/18

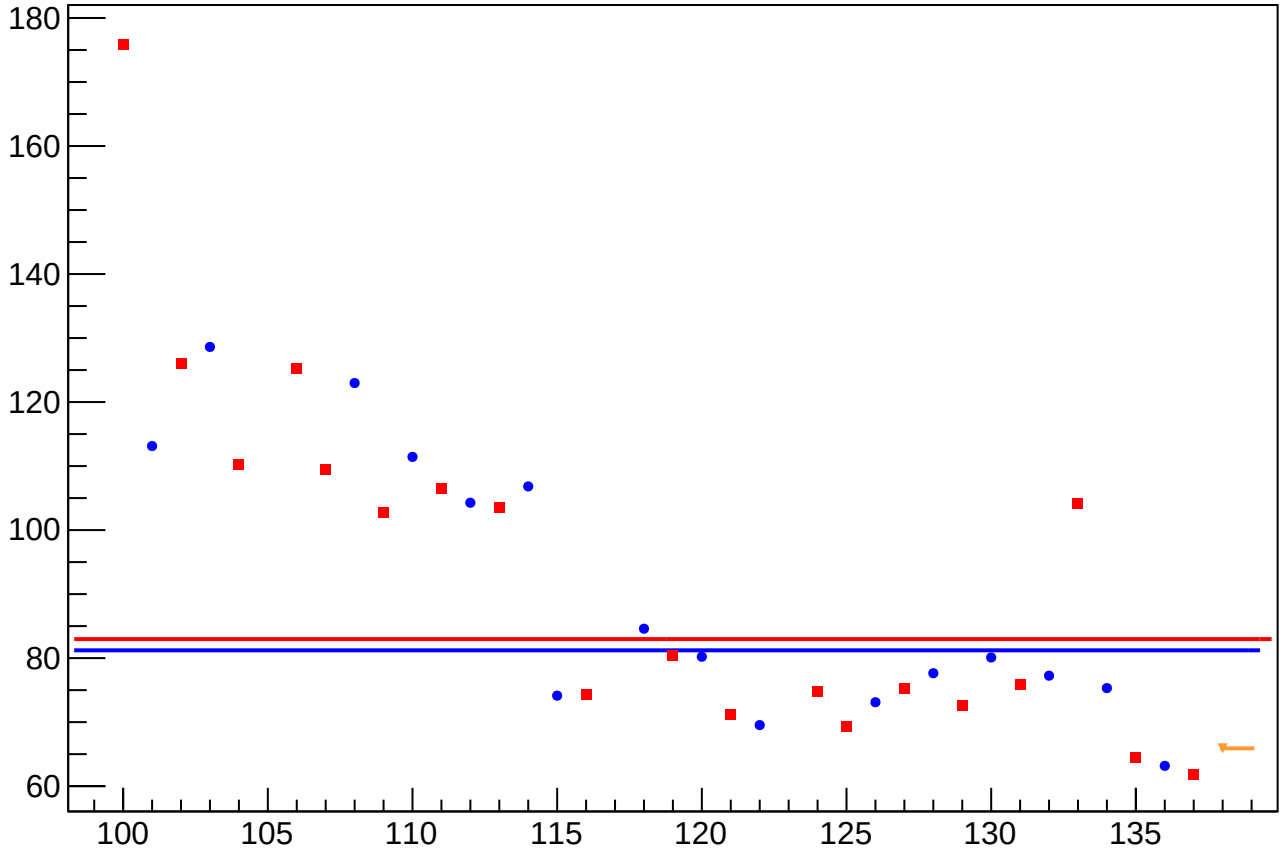
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -41.437+/-28.683 χ^2/NDF: 17.0/16

All: -26.771+/-21.127 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 81.218+/-0.022 χ^2/NDF: 662873.6/15

Left Out: 65.905+/-0.053 χ^2/NDF:0.0/0

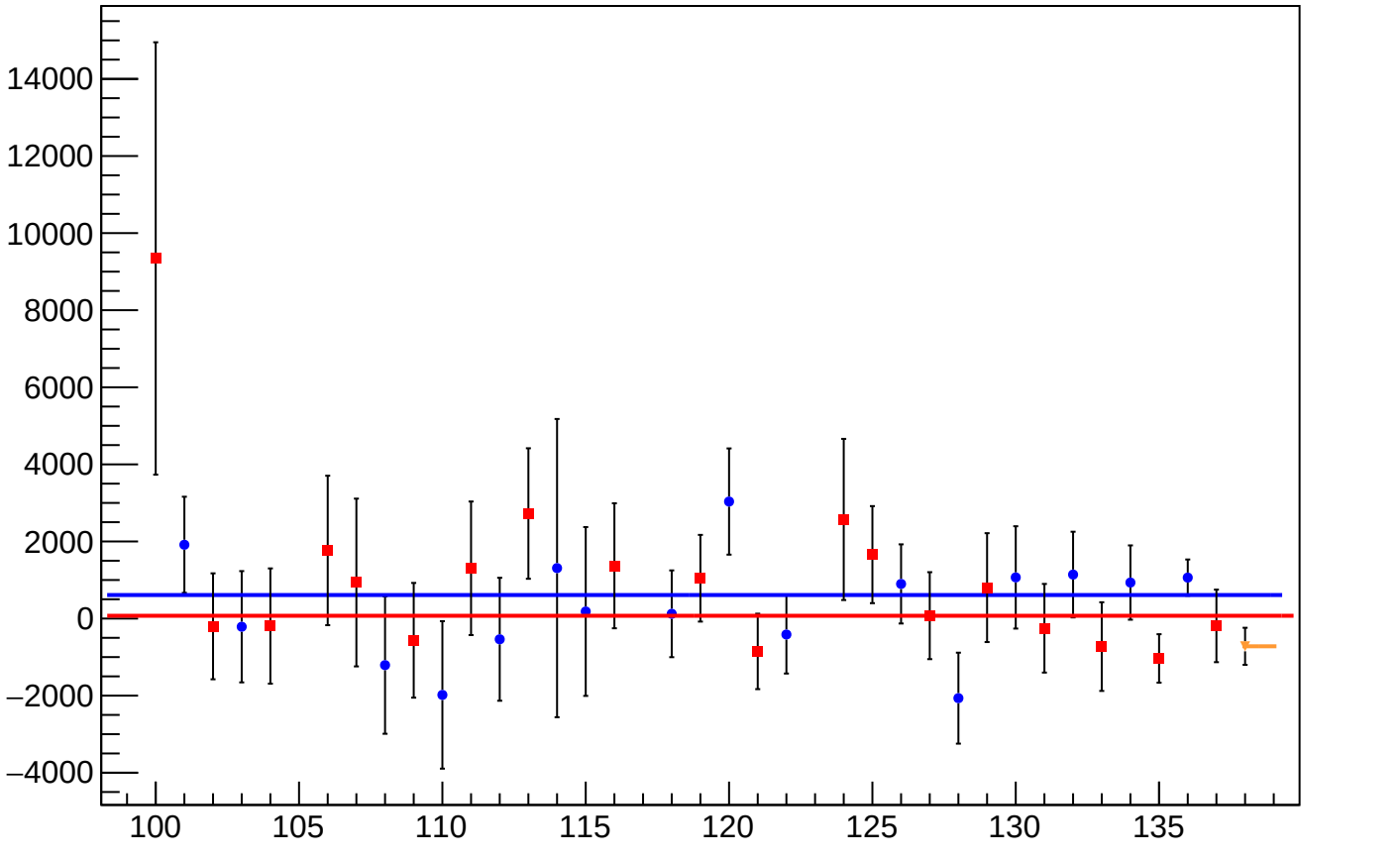
Right Out: 82.971+/-0.022 χ^2/NDF: 730384.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 78.963+/-0.020 χ^2/NDF: 734444.4/16

All: 80.797+/-0.015 χ^2/NDF: 1482690.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 610.383+/-273.982 χ^2/NDF: 15.8/15

Left Out: -719.942+/-480.629 χ^2/NDF:0.0/0

Right Out: 72.311+/-286.830 χ^2/NDF: 16.2/18

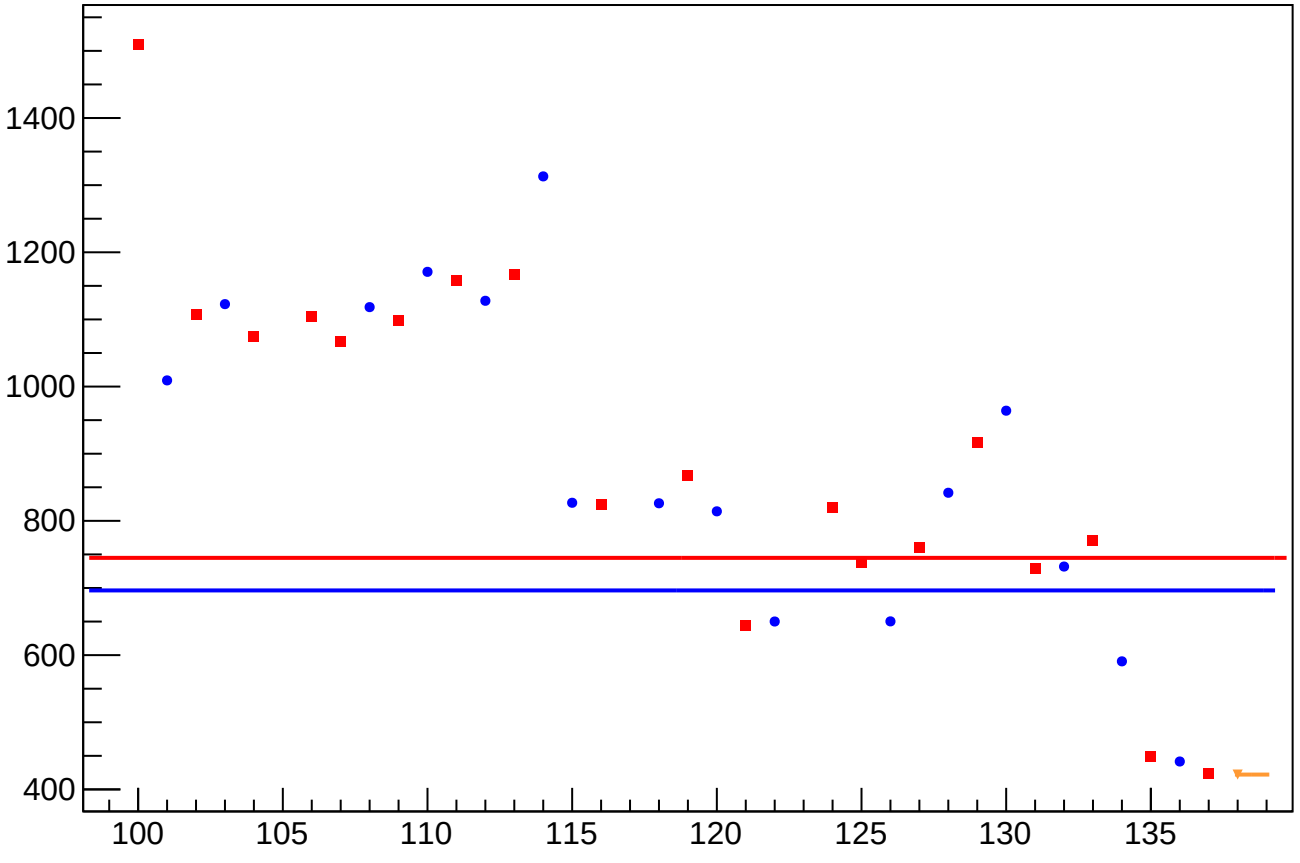
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 284.111+/-238.024 χ^2/NDF: 21.6/16

All: 197.737+/-183.169 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 696.371+/-0.194 χ^2/NDF: 1515478.0/15

Left Out: 422.104+/-0.340 χ^2/NDF:0.0/0

Right Out: 744.875+/-0.203 χ^2/NDF: 1498361.7/18

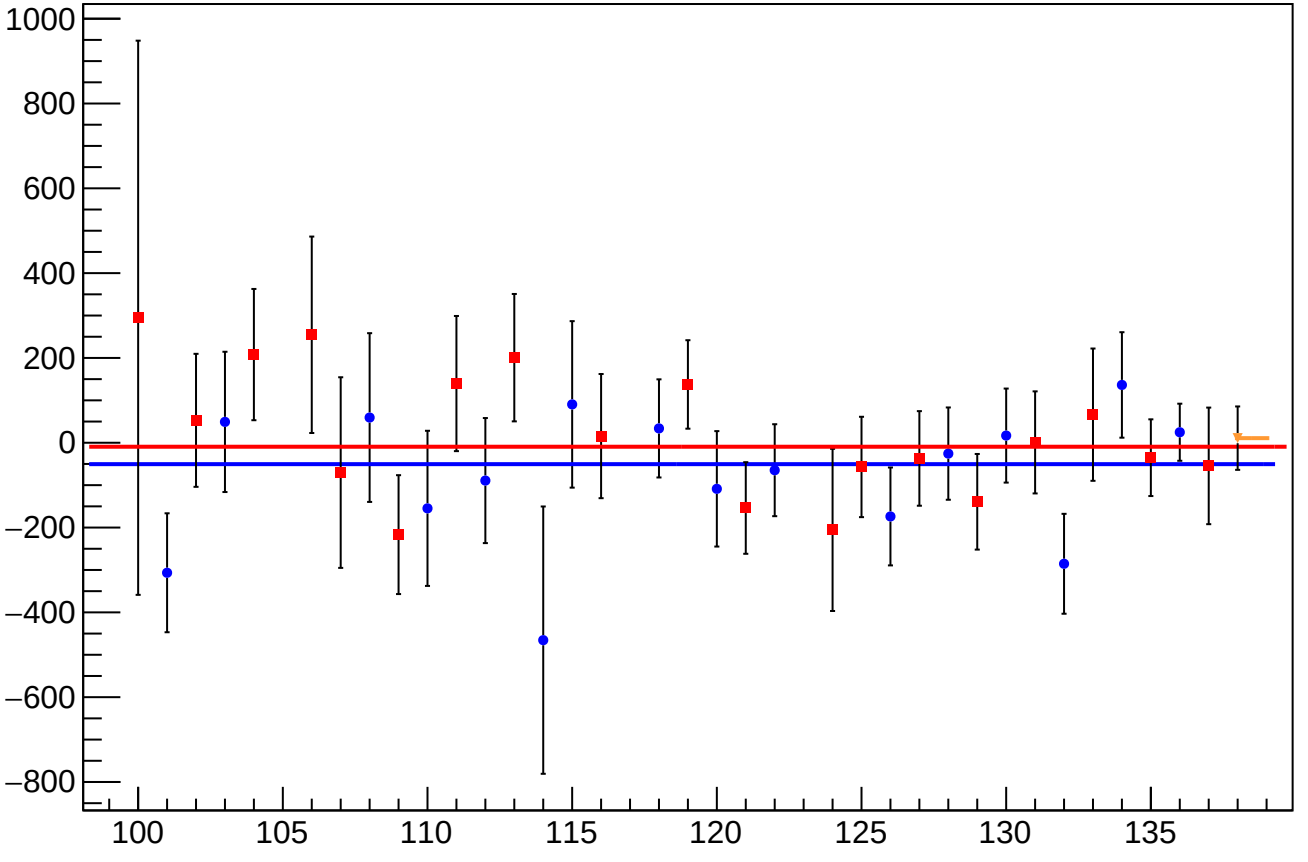
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 629.105+/-0.168 χ^2/NDF: 2007016.3/16

All: 676.317+/-0.130 χ^2/NDF: 3698324.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -50.466+/-31.061 χ^2/NDF: 16.4/15

Left Out: 10.851+/-74.750 χ^2/NDF:0.0/0

Right Out: -9.381+/-31.235 χ^2/NDF: 15.6/18

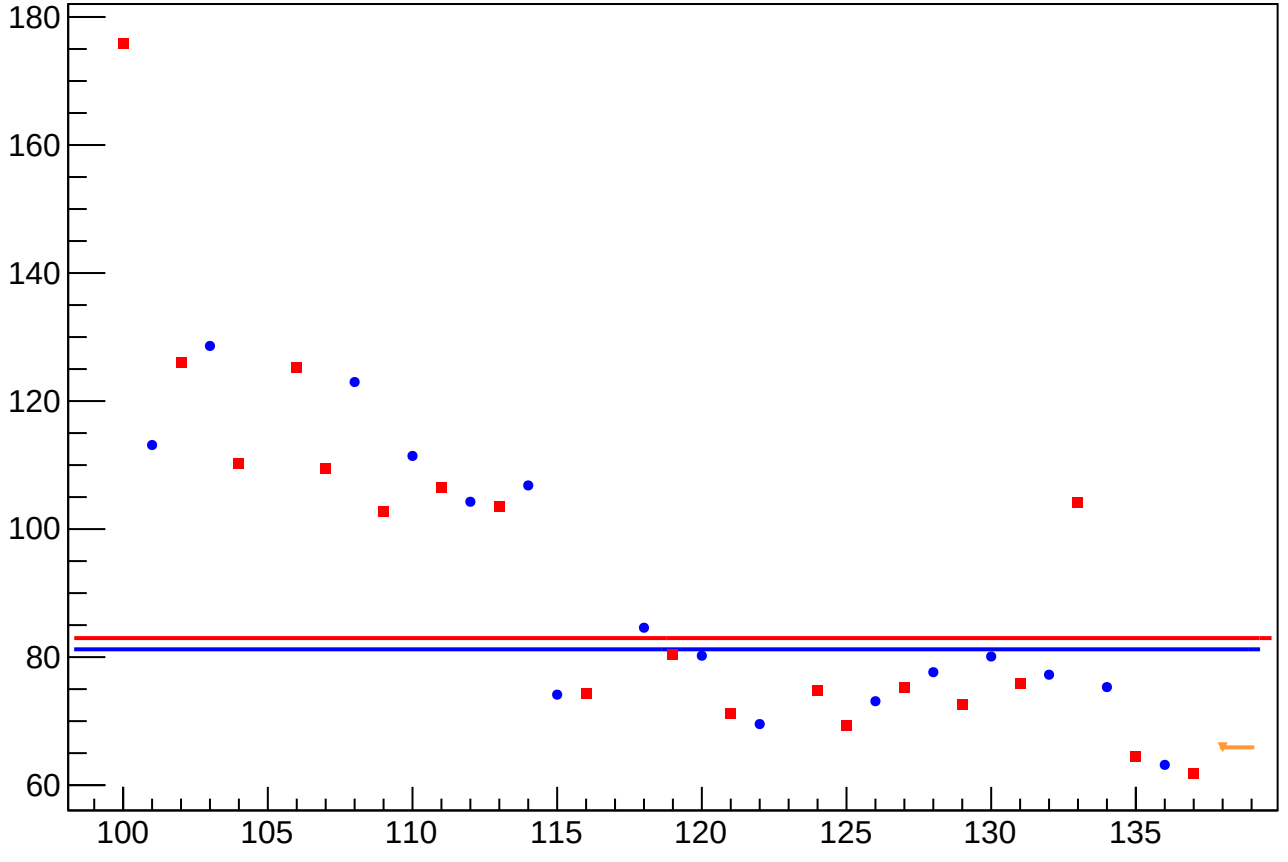
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -41.437+/-28.683 χ^2/NDF: 17.0/16

All: -26.771+/-21.127 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 81.218+/-0.022 χ^2/NDF: 662862.1/15

Left Out: 65.906+/-0.053 χ^2/NDF:0.0/0

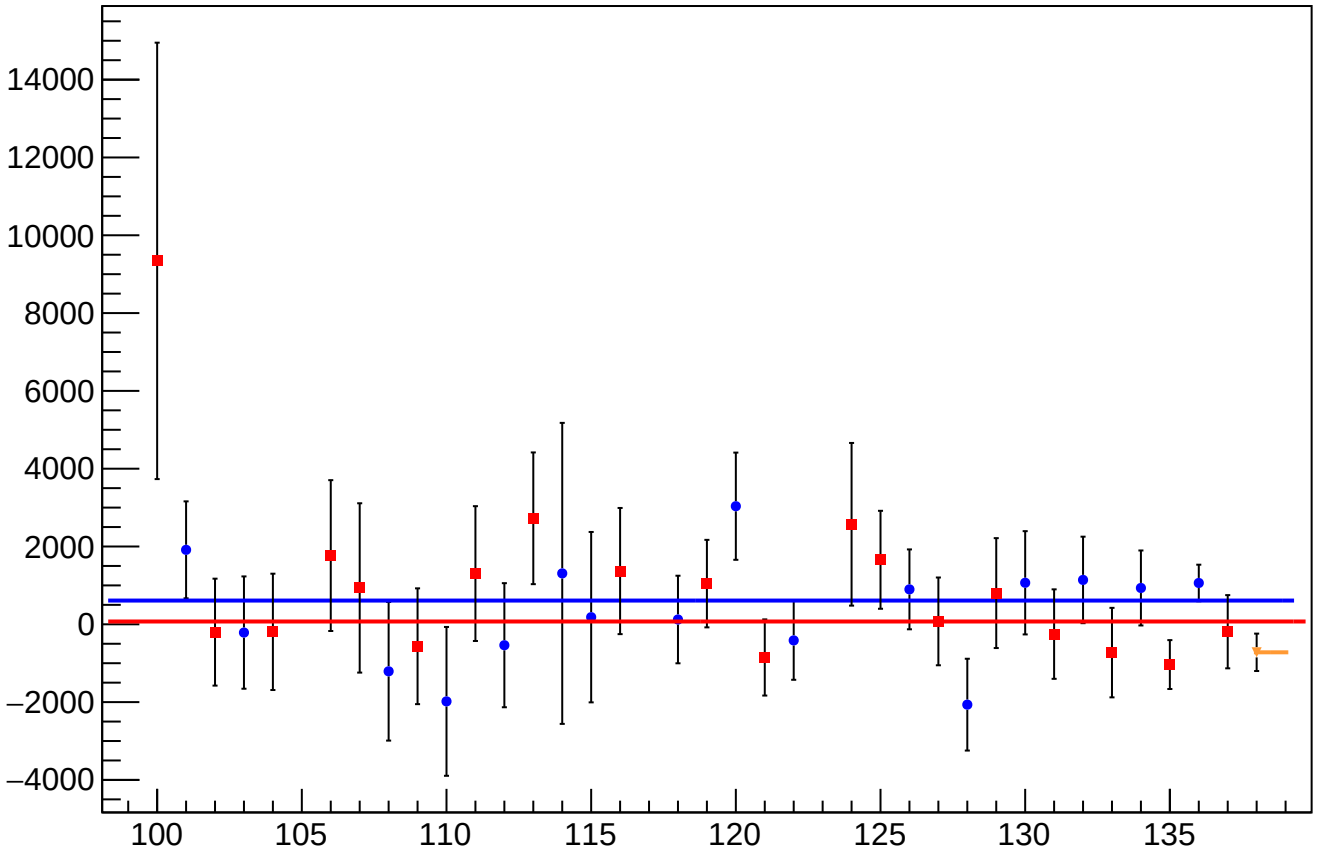
Right Out: 82.971+/-0.022 χ^2/NDF: 730375.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 78.963+/-0.020 χ^2/NDF: 734426.9/16

All: 80.796+/-0.015 χ^2/NDF: 1482664.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 610.382+/-273.981 χ^2/NDF: 15.8/15

Left Out: -719.940+/-480.628 χ^2/NDF:0.0/0

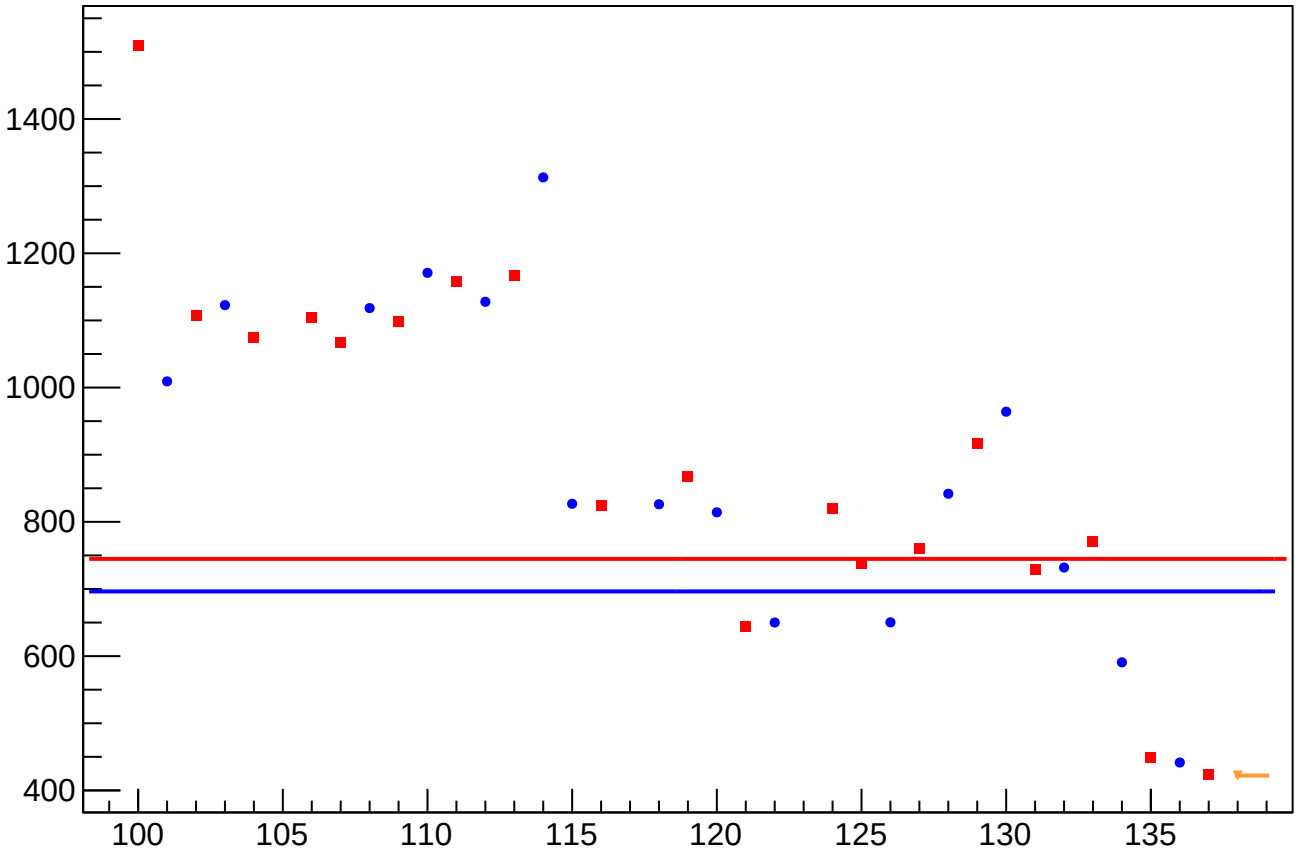
Right Out: 72.313+/-286.830 χ^2/NDF: 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 284.111+/-238.024 χ^2/NDF: 21.6/16

All: 197.738+/-183.169 χ^2/NDF: 38.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 696.370+/-0.194 χ^2/NDF: 1515461.8/15

Left Out: 422.103+/-0.340 χ^2/NDF:0.0/0

Right Out: 744.874+/-0.203 χ^2/NDF: 1498349.6/18

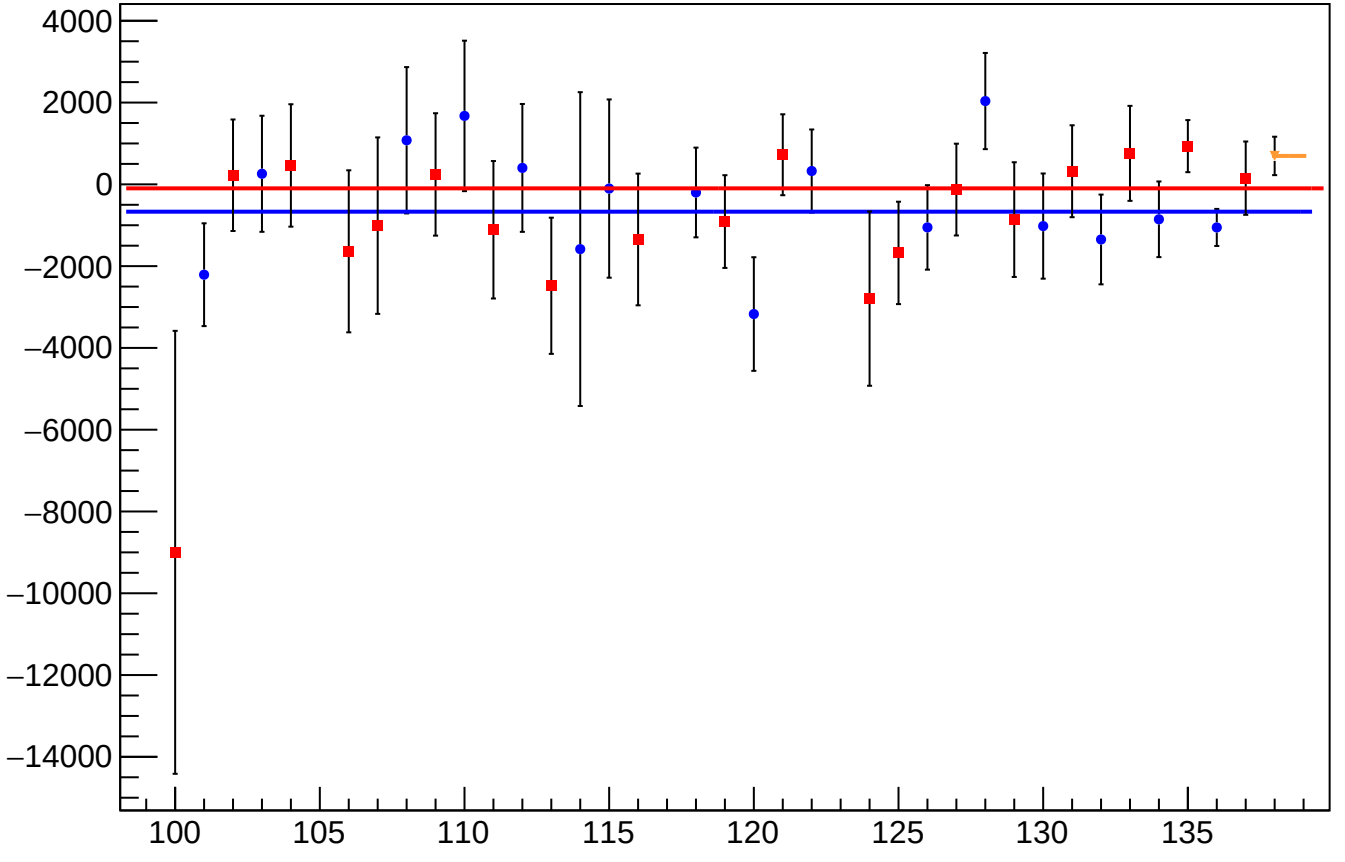
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 629.104+/-0.168 χ^2/NDF: 2006999.5/16

All: 676.316+/-0.130 χ^2/NDF: 3698294.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -668.503+/-268.452 χ^2/NDF: 16.1/15

Left Out: 695.070+/-469.816 χ^2/NDF:0.0/0

Right Out: -98.003+/-285.882 χ^2/NDF: 14.8/18

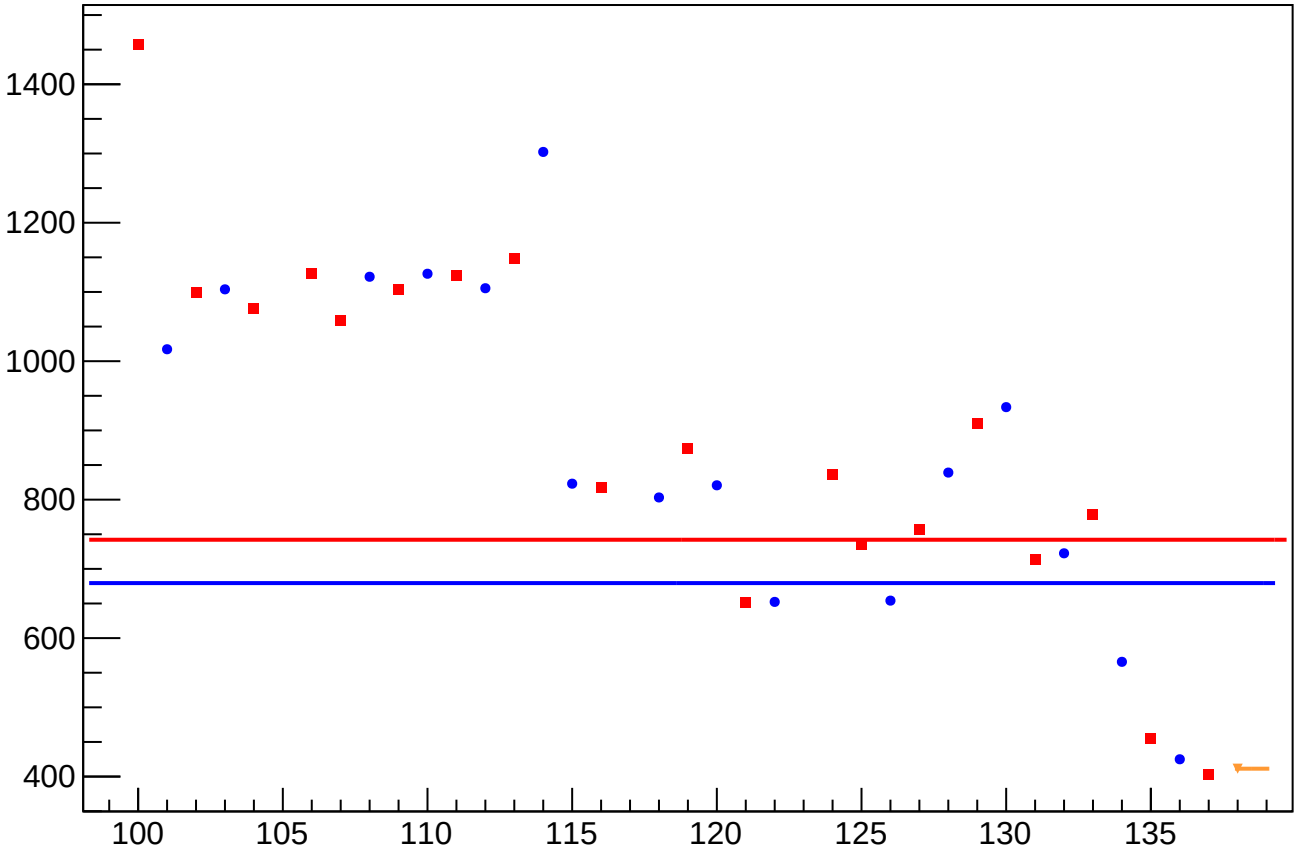
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -332.881+/-233.085 χ^2/NDF: 22.5/16

All: -239.092+/-180.651 χ^2/NDF: 37.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 679.469+/-0.190 χ^2/NDF: 1600922.1/15

Left Out: 411.384+/-0.332 χ^2/NDF:0.0/0

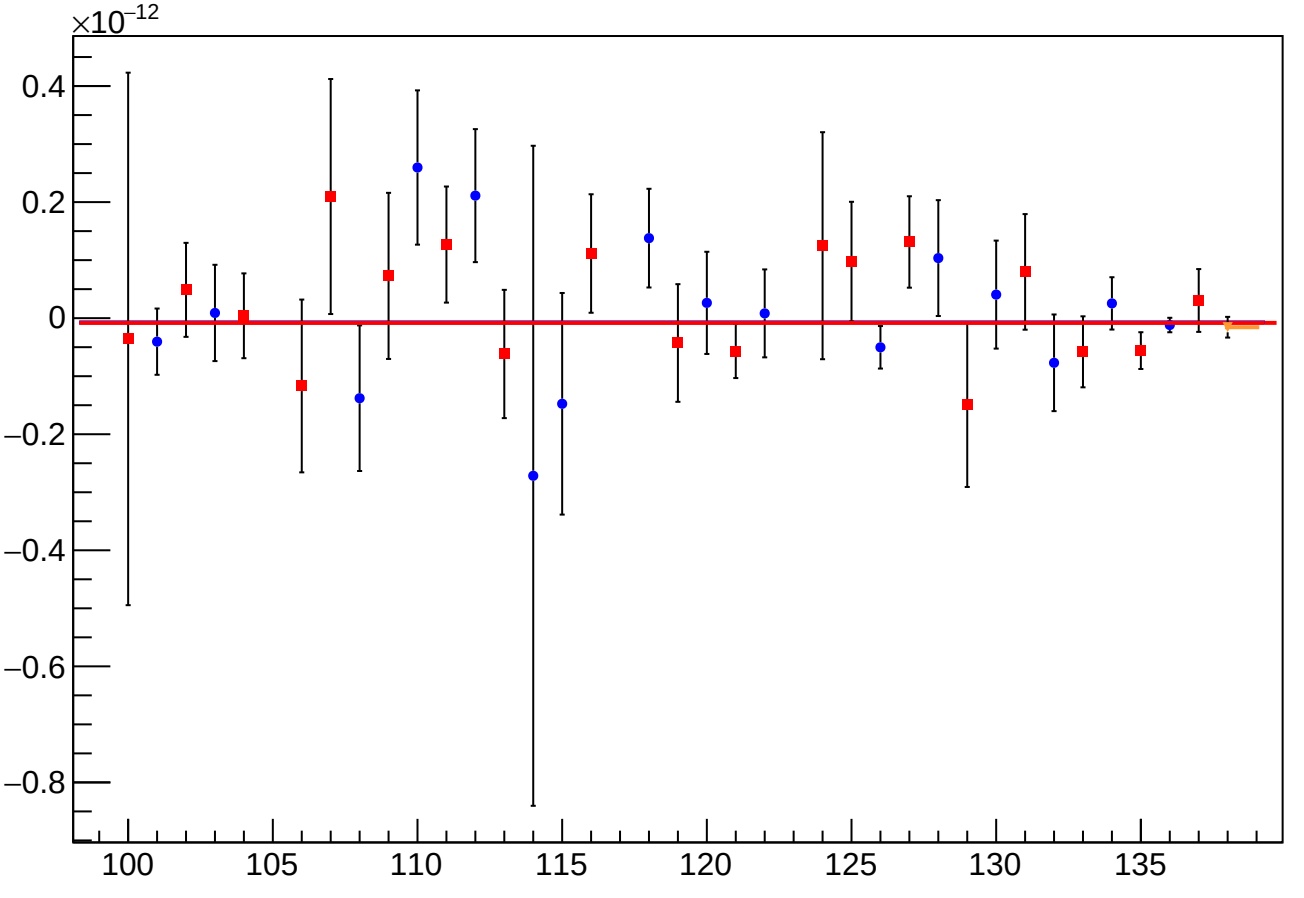
Right Out: 742.081+/-0.202 χ^2/NDF: 1504391.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 613.484+/-0.165 χ^2/NDF: 2091845.0/16

All: 664.834+/-0.128 χ^2/NDF: 3839327.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

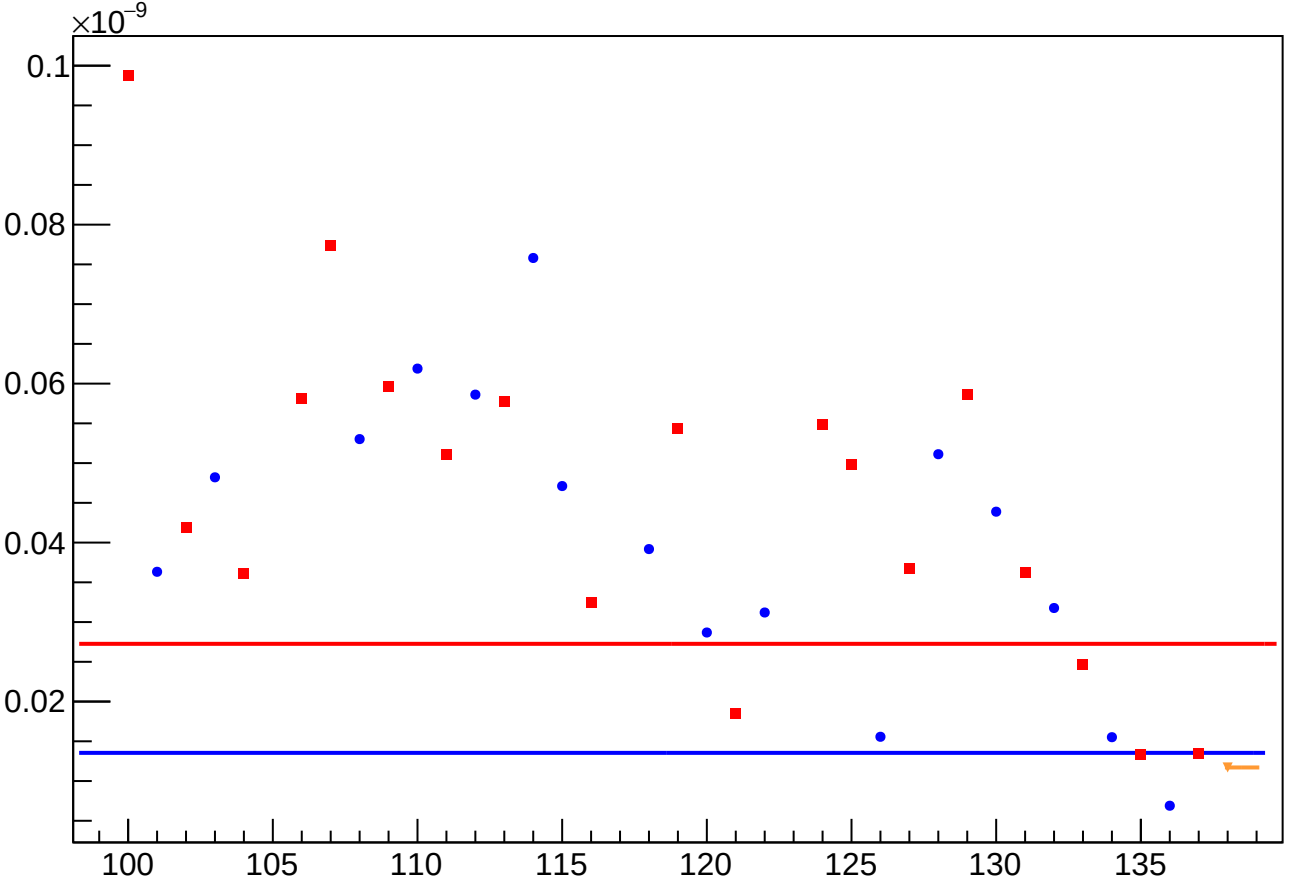
Right Out: -0.000+/-0.000 χ^2/NDF: 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 17.4/16

All: -0.000+/-0.000 χ^2/NDF: 34.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3045220.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

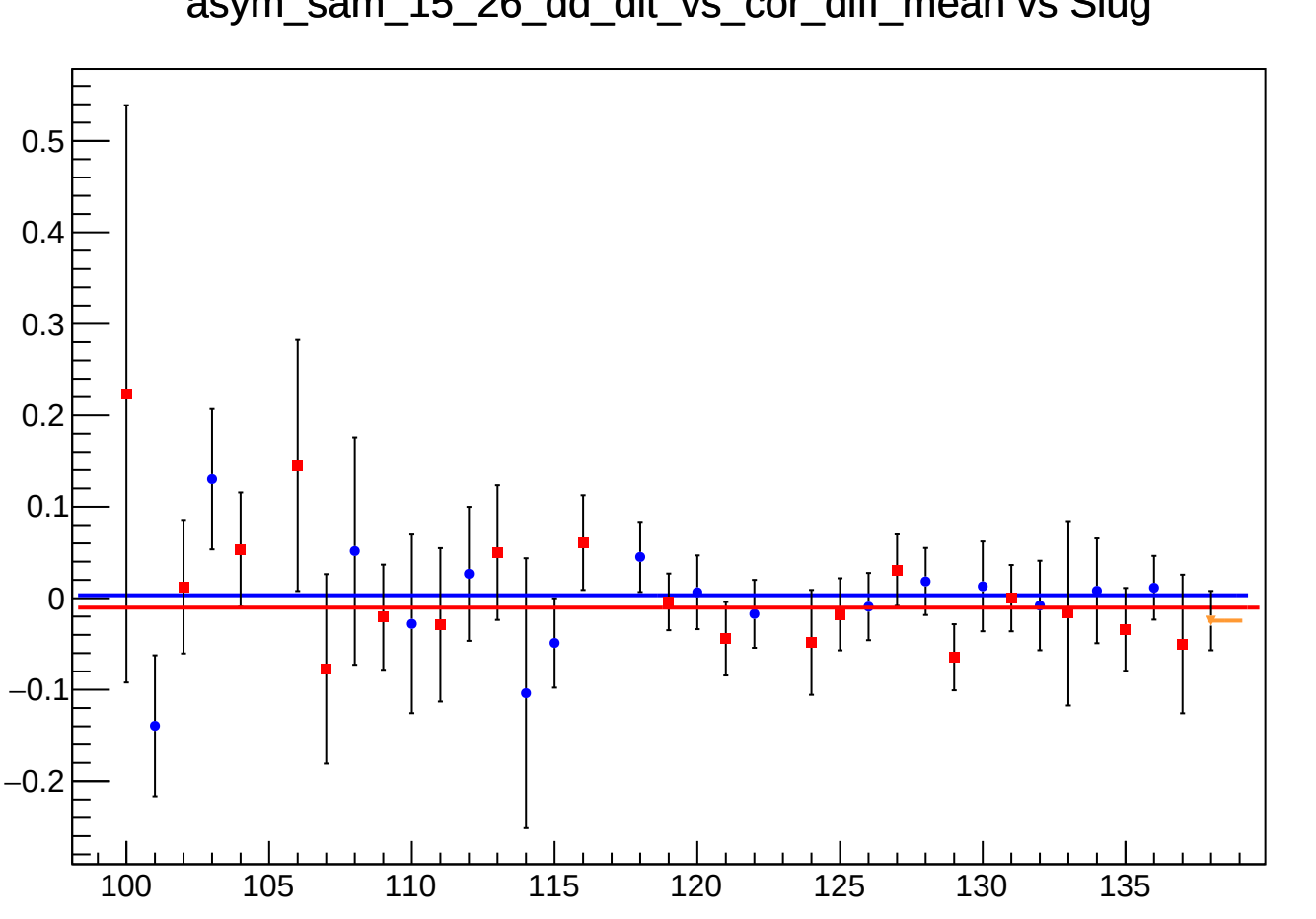
Right Out: 0.000+/-0.000 χ^2/NDF: 1735739.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3061009.1/16

All: 0.000+/-0.000 χ^2/NDF: 5852513.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.012 χ^2/NDF: 10.1/15

Left Out: -0.024+/-0.032 χ^2/NDF:0.0/0

Right Out: -0.010+/-0.012 χ^2/NDF: 11.2/18

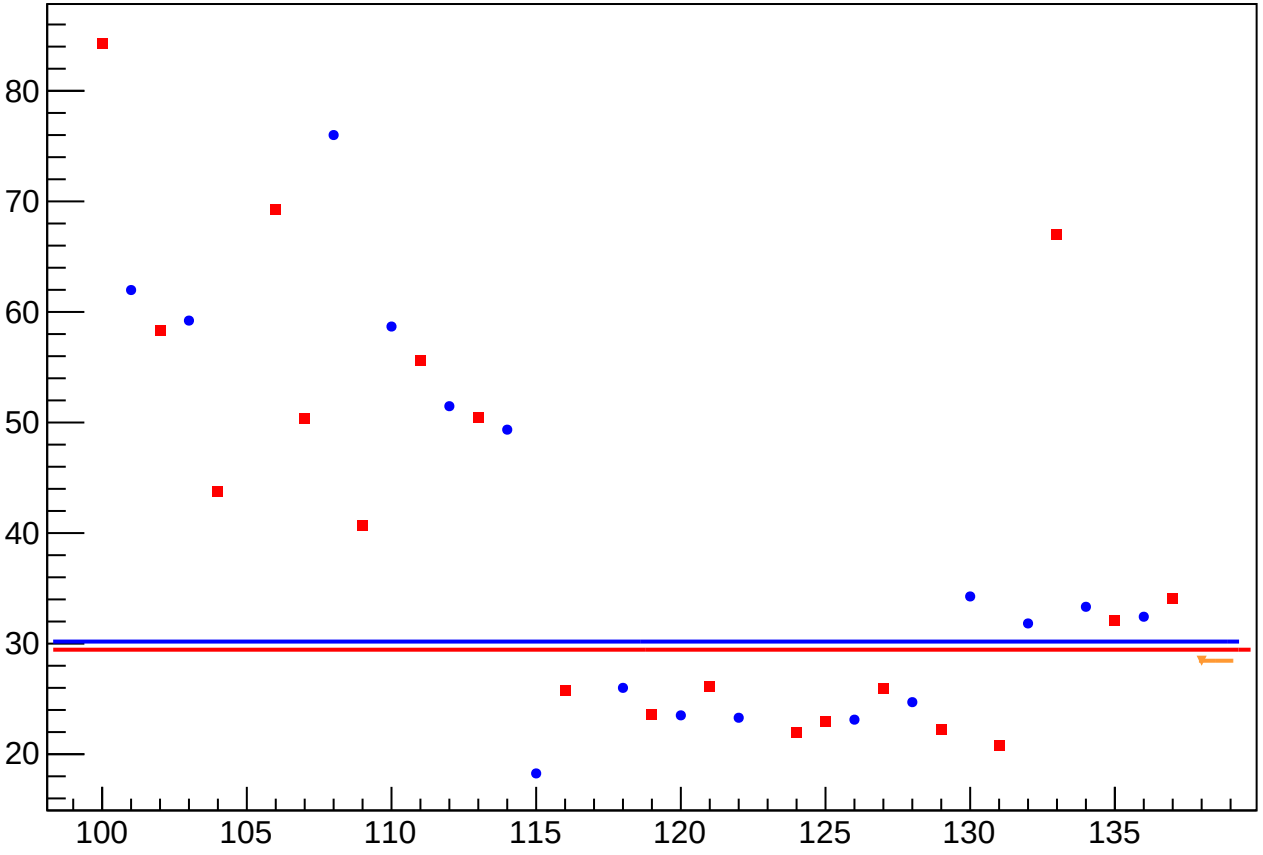
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.011 χ^2/NDF: 10.8/16

All: -0.005+/-0.008 χ^2/NDF: 22.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.187+/-0.009 χ^2/NDF: 1687373.5/15

Left Out: 28.454+/-0.023 χ^2/NDF:0.0/0

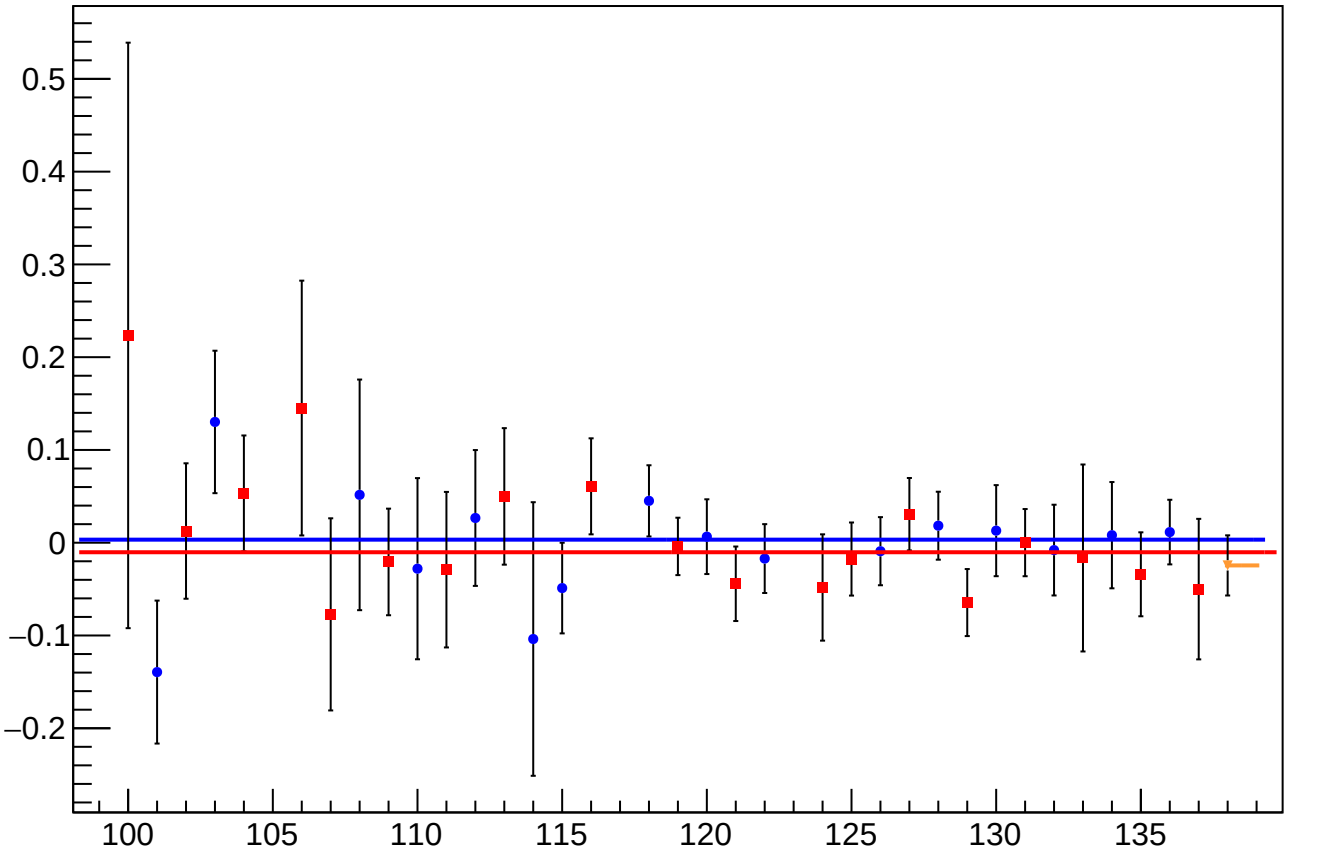
Right Out: 29.451+/-0.008 χ^2/NDF: 1848636.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.969+/-0.008 χ^2/NDF: 1692367.9/16

All: 29.718+/-0.006 χ^2/NDF: 3542980.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.012 χ^2/NDF: 10.1/15

Left Out: -0.024+/-0.032 χ^2/NDF:0.0/0

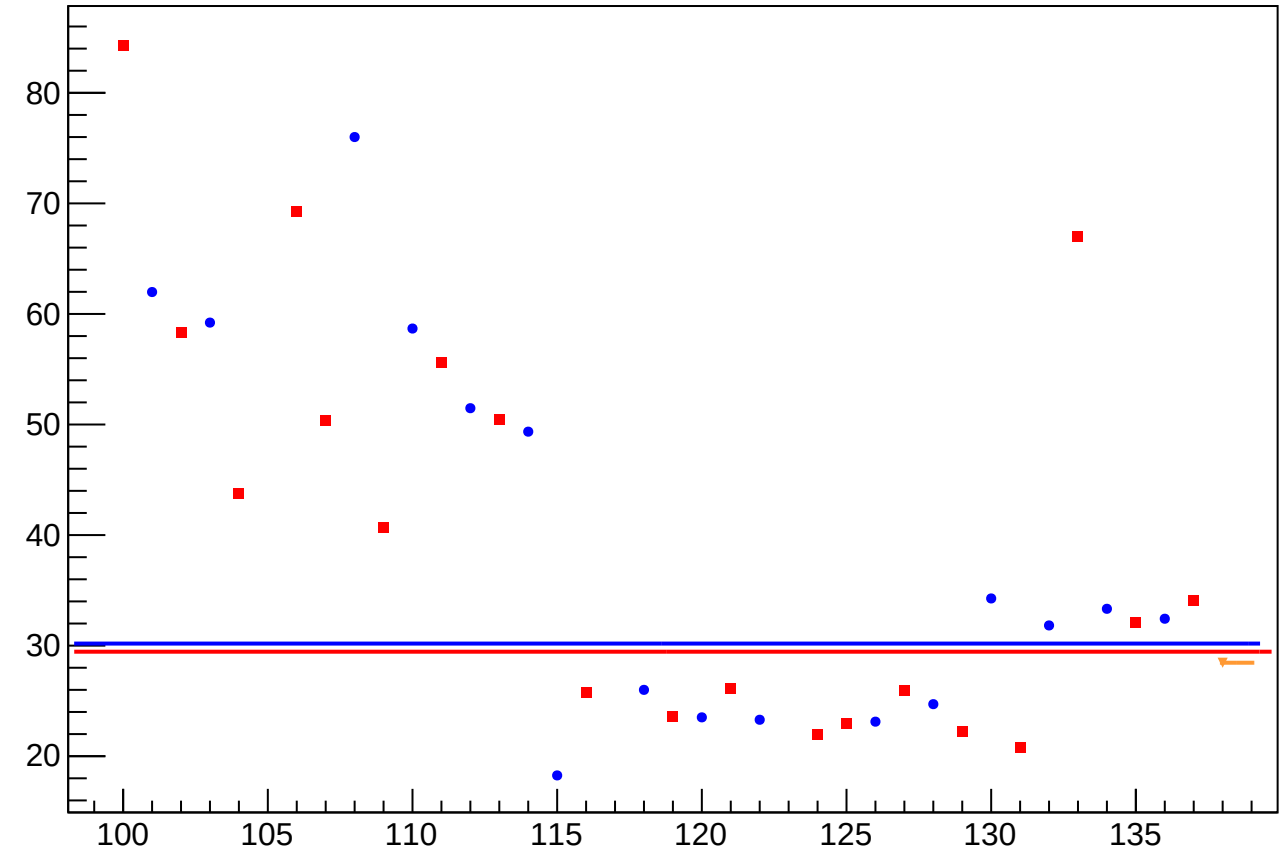
Right Out: -0.010+/-0.012 χ^2/NDF: 11.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.011 χ^2/NDF: 10.8/16

All: -0.005+/-0.008 χ^2/NDF: 22.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 30.187+/-0.009 χ^2/NDF: 1687373.5/15

Left Out: 28.454+/-0.023 χ^2/NDF:0.0/0

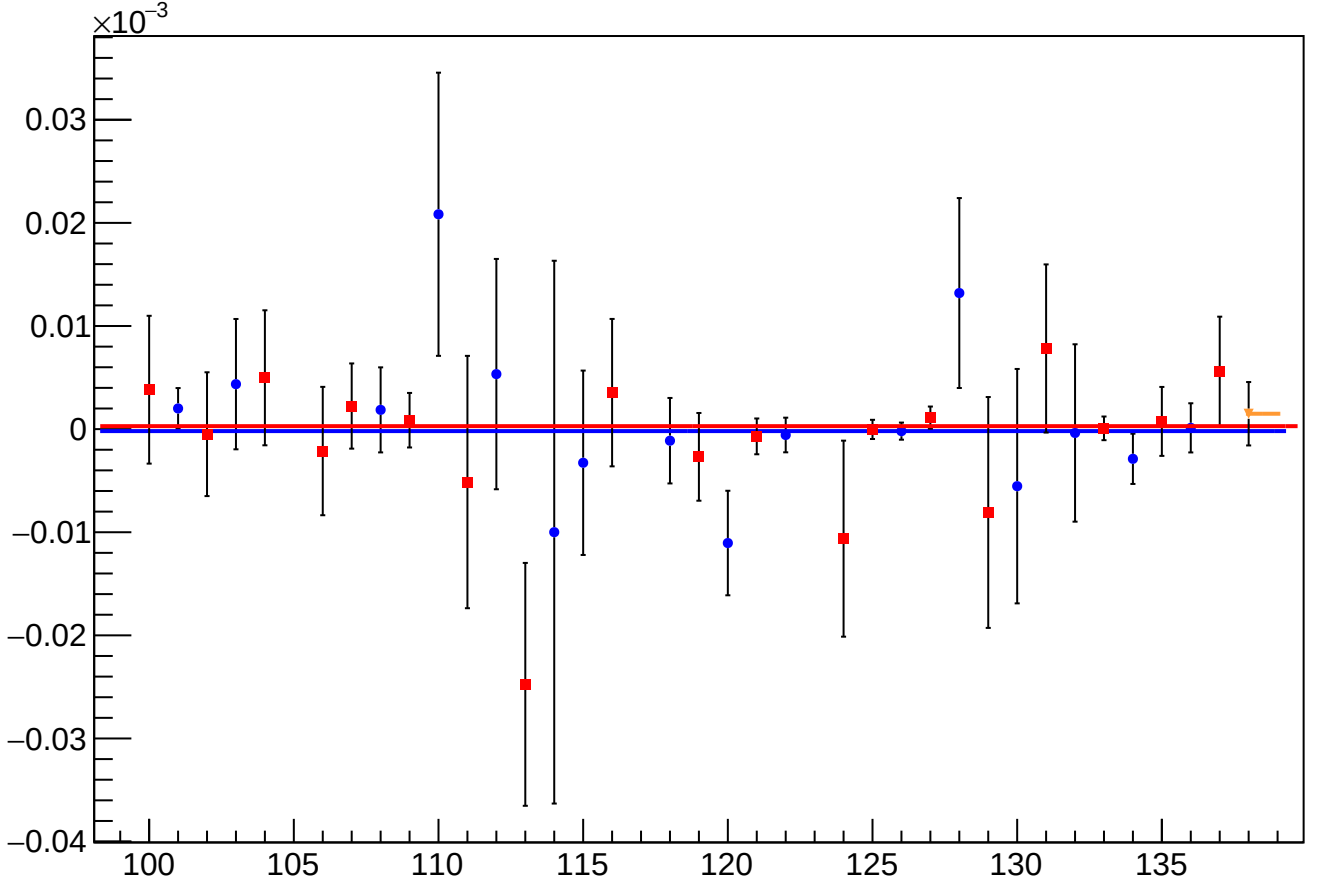
Right Out: 29.451+/-0.008 χ^2/NDF: 1848636.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.969+/-0.008 χ^2/NDF: 1692367.9/16

All: 29.718+/-0.006 χ^2/NDF: 3542980.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

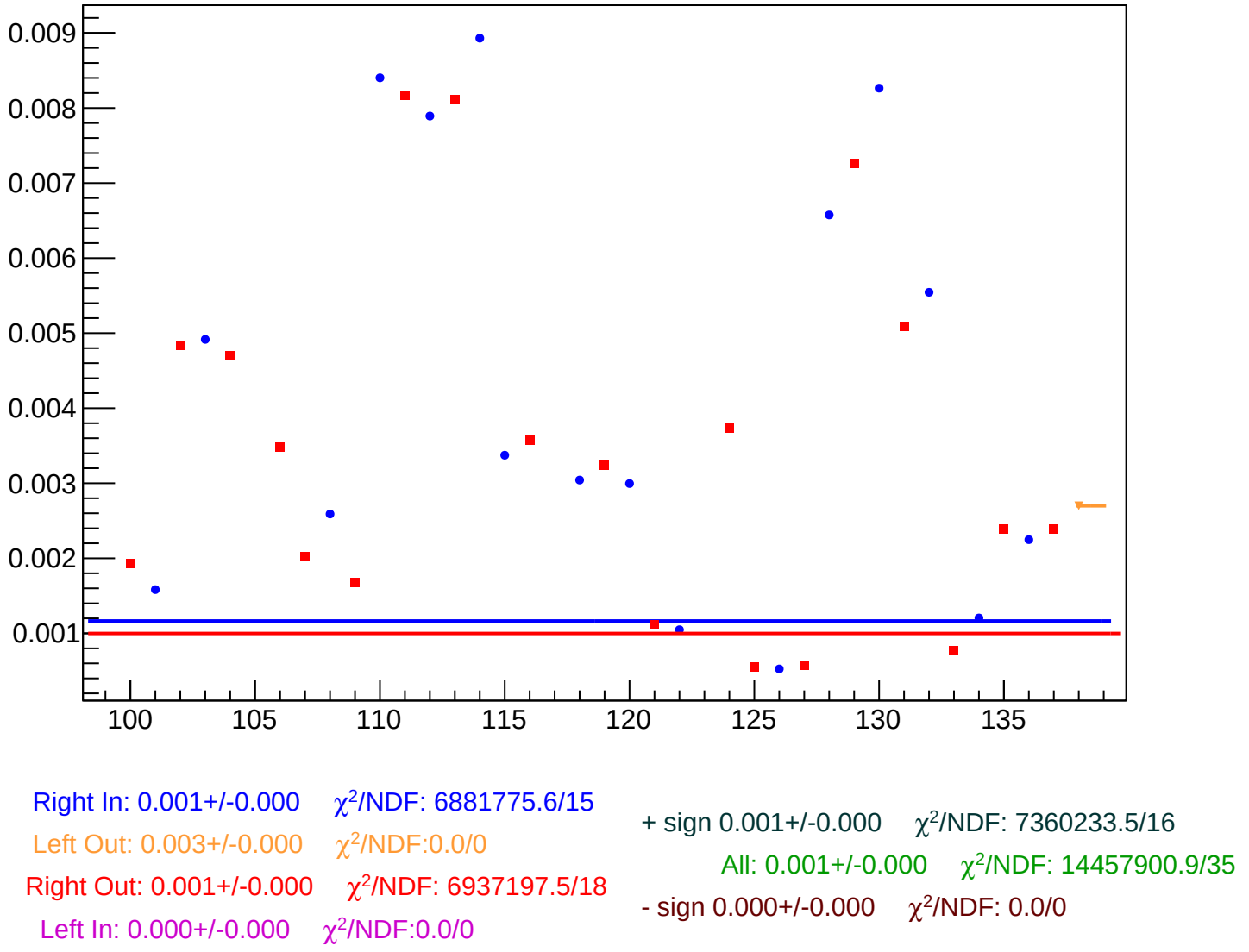
Right Out: 0.000+/-0.000 χ^2/NDF: 11.4/18

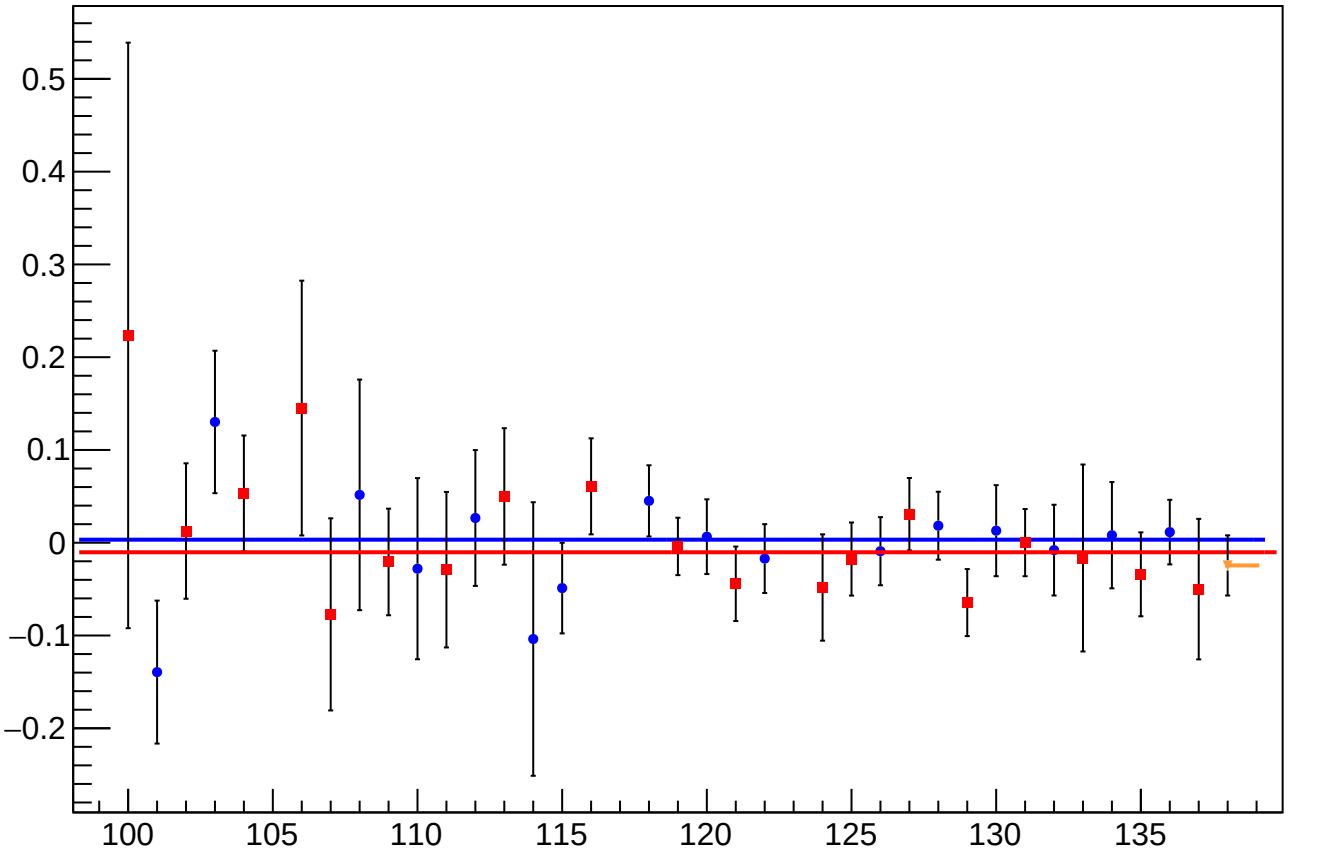
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 13.4/16

All: 0.000+/-0.000 χ^2/NDF: 25.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
100
105
110
115
120
125
130
135
Right In: 0.001+/-0.000 χ²/NDF: 6881775.6/15
Left Out: 0.003+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 6937197.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.001+/-0.000 χ²/NDF: 7360233.5/16
All: 0.001+/-0.000 χ²/NDF: 14457900.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.003+/-0.012 χ^2/NDF: 10.1/15

Left Out: -0.024+/-0.032 χ^2/NDF:0.0/0

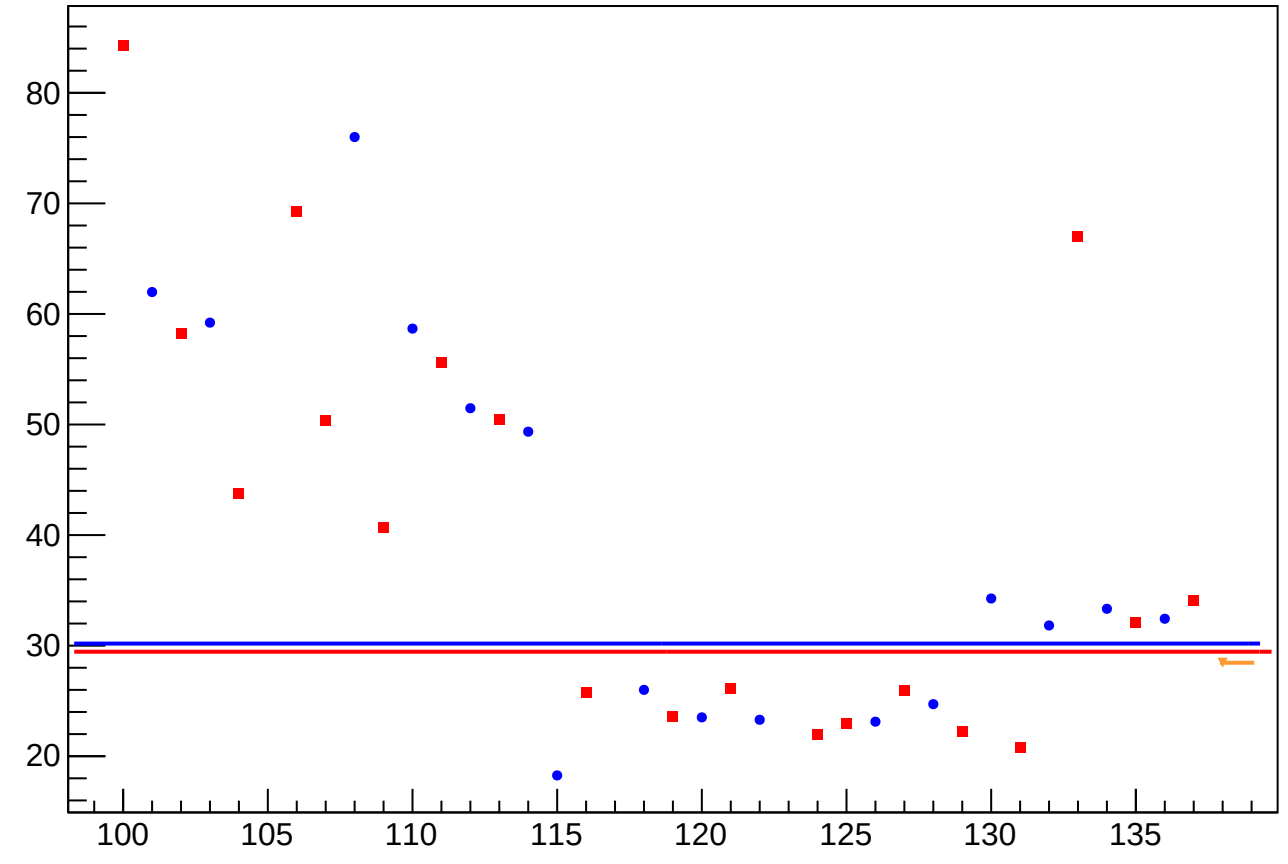
Right Out: -0.010+/-0.012 χ^2/NDF: 11.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.011 χ^2/NDF: 10.8/16

All: -0.005+/-0.008 χ^2/NDF: 22.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 30.187+/-0.009 χ^2/NDF: 1687188.2/15

Left Out: 28.454+/-0.023 χ^2/NDF:0.0/0

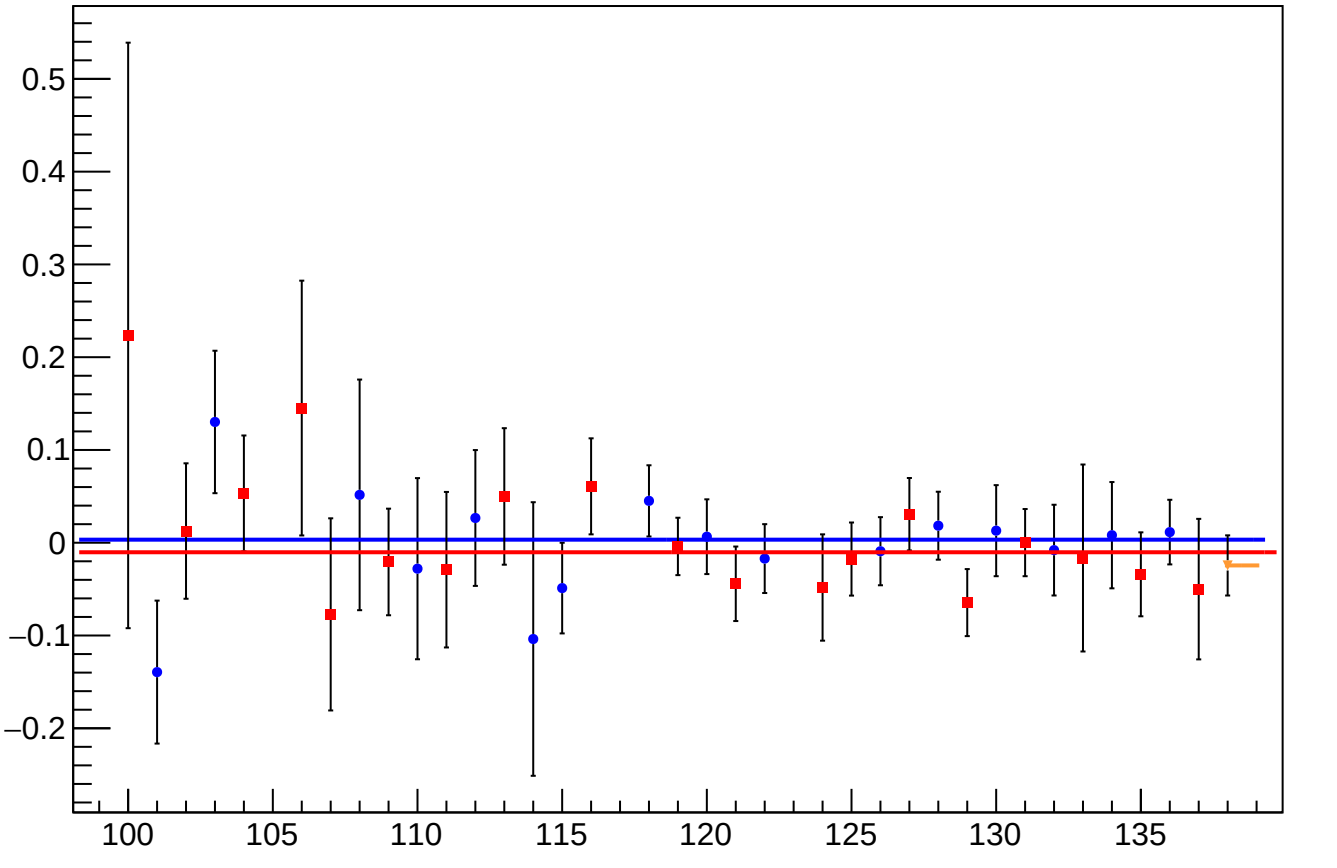
Right Out: 29.451+/-0.008 χ^2/NDF: 1848632.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.969+/-0.008 χ^2/NDF: 1692180.8/16

All: 29.718+/-0.006 χ^2/NDF: 3542794.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.012 χ^2/NDF: 10.1/15

Left Out: -0.024+/-0.032 χ^2/NDF:0.0/0

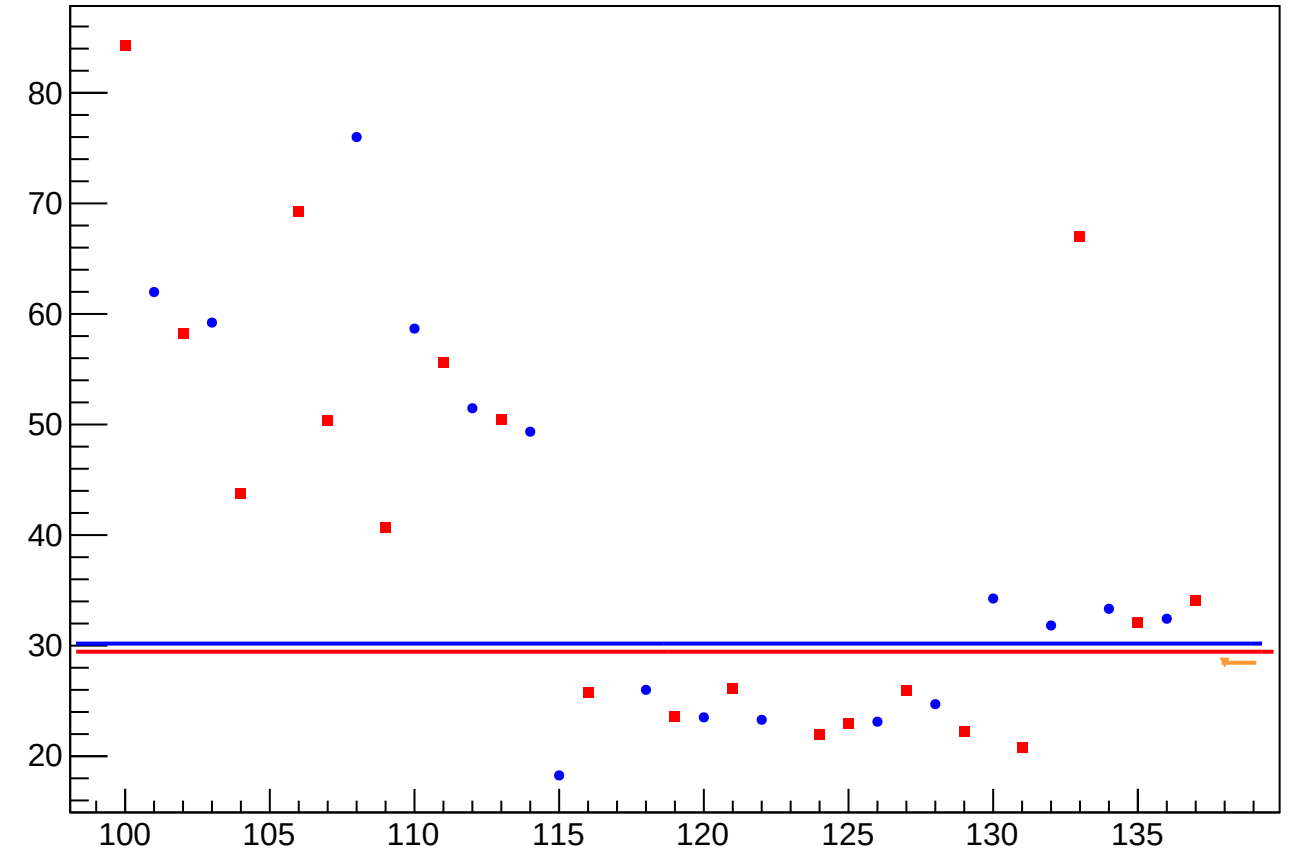
Right Out: -0.010+/-0.012 χ^2/NDF: 11.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.011 χ^2/NDF: 10.8/16

All: -0.005+/-0.008 χ^2/NDF: 22.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 30.187+/-0.009 χ^2/NDF: 1687188.2/15

Left Out: 28.454+/-0.023 χ^2/NDF:0.0/0

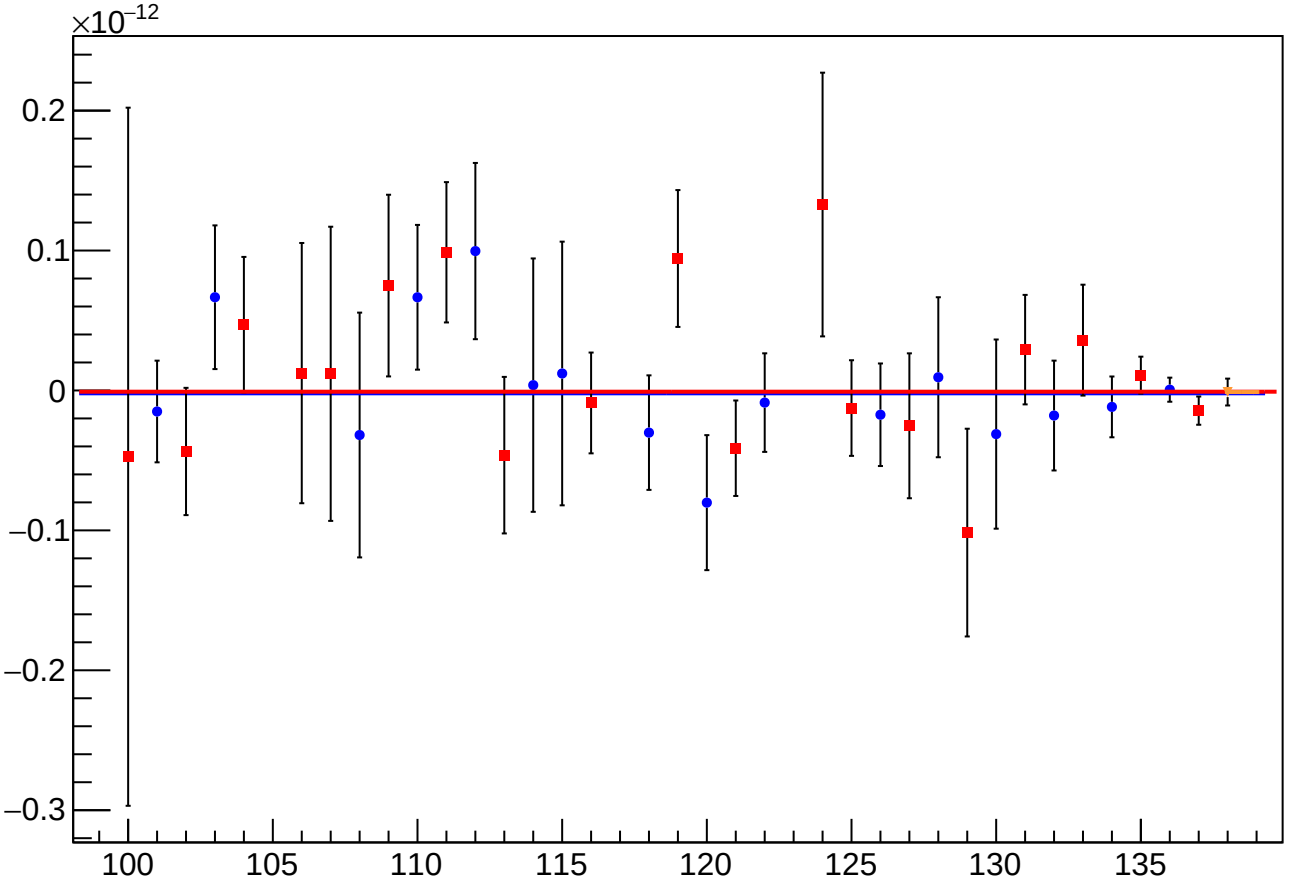
Right Out: 29.451+/-0.008 χ^2/NDF: 1848632.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.969+/-0.008 χ^2/NDF: 1692180.8/16

All: 29.718+/-0.006 χ^2/NDF: 3542794.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 10.4/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

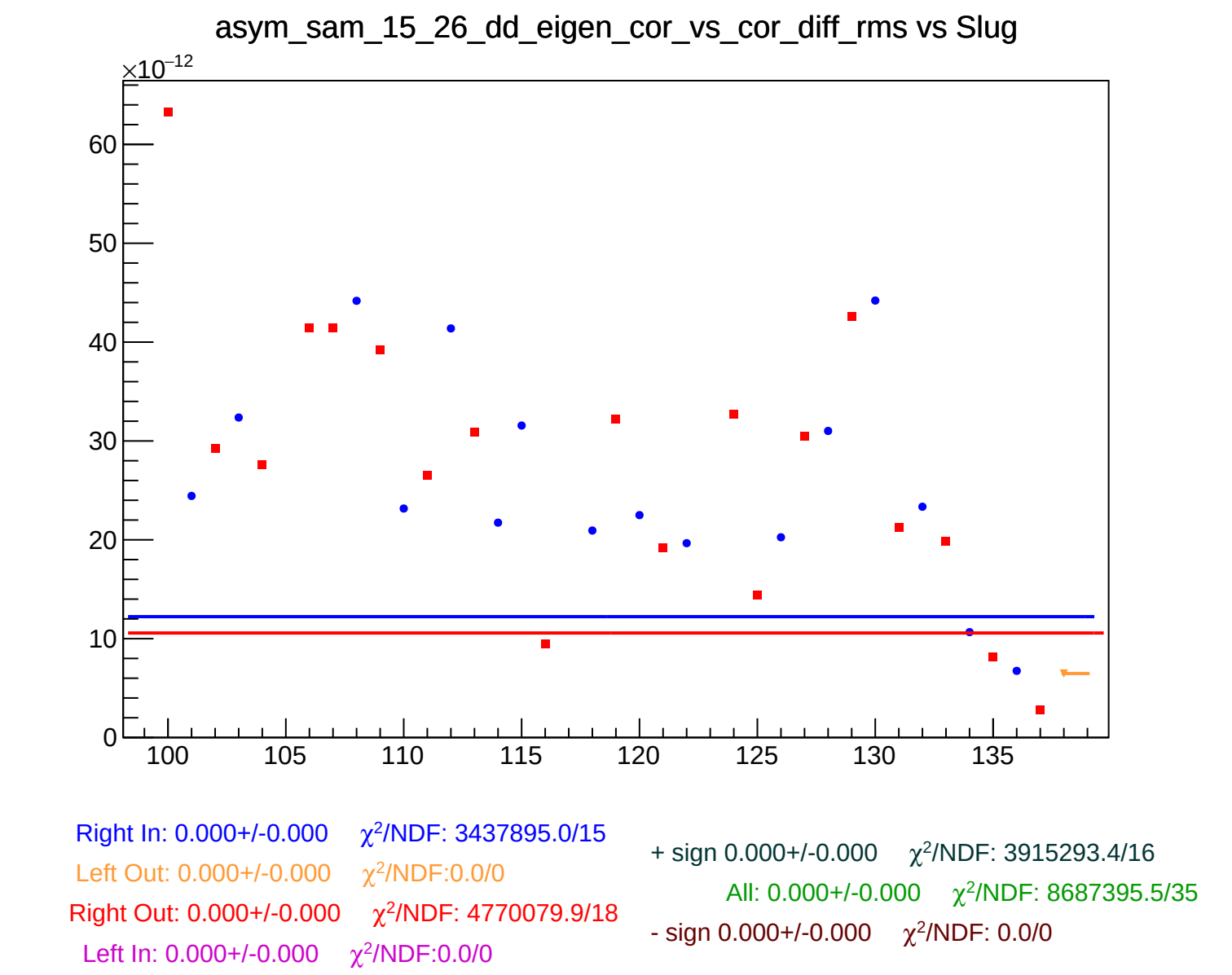
Right Out: -0.000+/-0.000 χ^2/NDF: 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

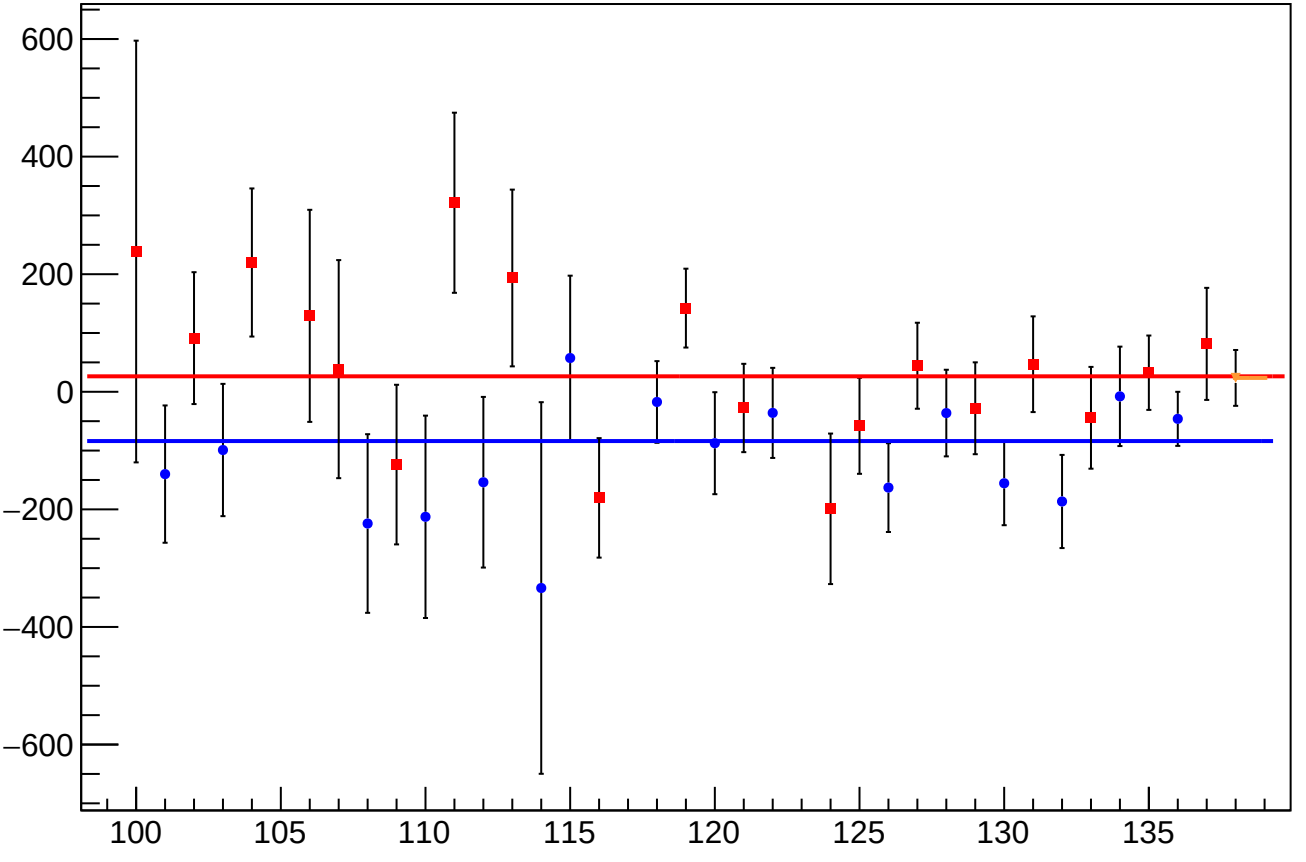
+ sign -0.000+/-0.000 χ^2/NDF: 10.4/16

All: -0.000+/-0.000 χ^2/NDF: 31.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
60
50
40
30
20
10
0
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 3437895.0/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 4770079.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3915293.4/16
All: 0.000+/-0.000 χ²/NDF: 8687395.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -83.808+/-21.434 χ^2/NDF: 10.5/15

Left Out: 23.587+/-47.506 χ^2/NDF:0.0/0

Right Out: 26.301+/-22.067 χ^2/NDF: 23.0/18

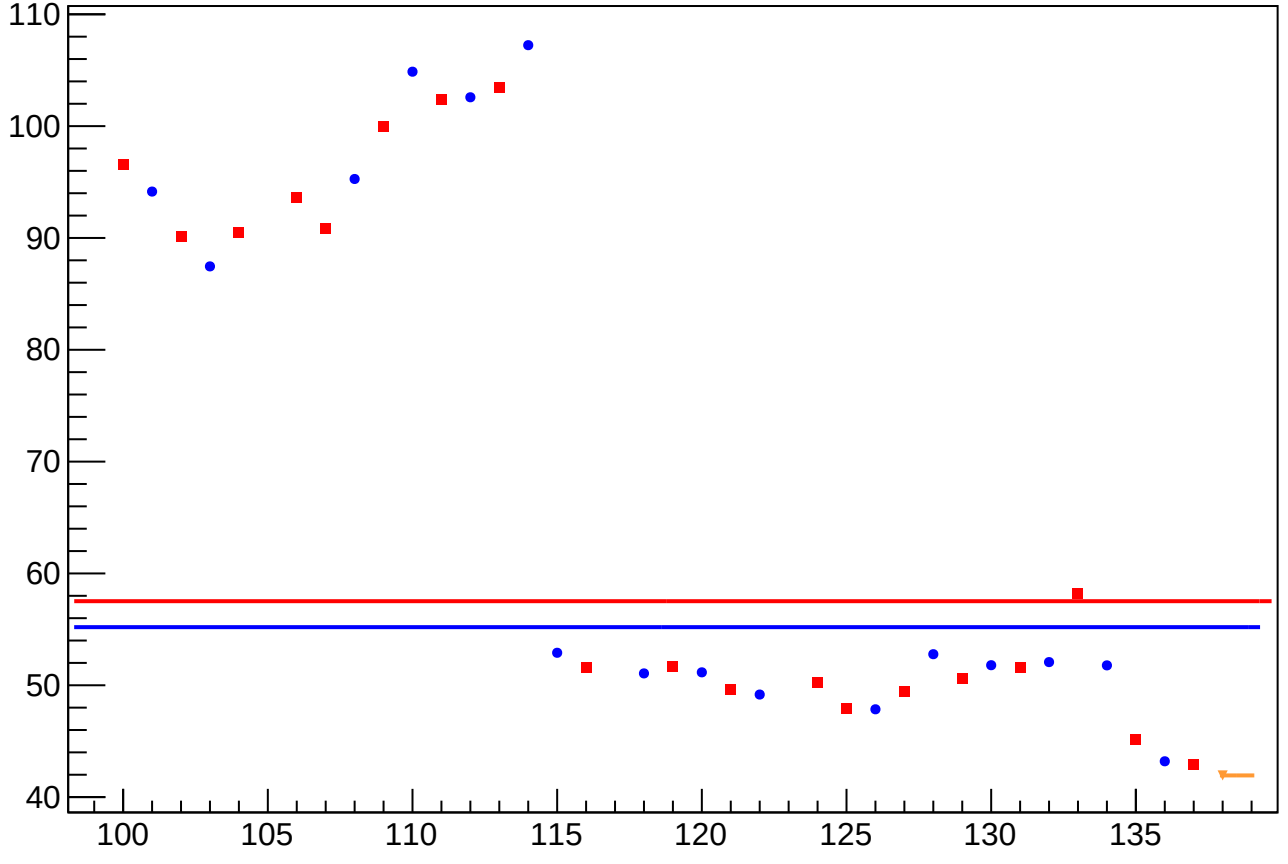
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -65.643+/-19.538 χ^2/NDF: 14.8/16

All: -25.239+/-14.628 χ^2/NDF: 47.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 55.198+/-0.015 χ^2/NDF: 1152581.1/15

Left Out: 41.938+/-0.034 χ^2/NDF:0.0/0

Right Out: 57.519+/-0.016 χ^2/NDF: 1281793.1/18

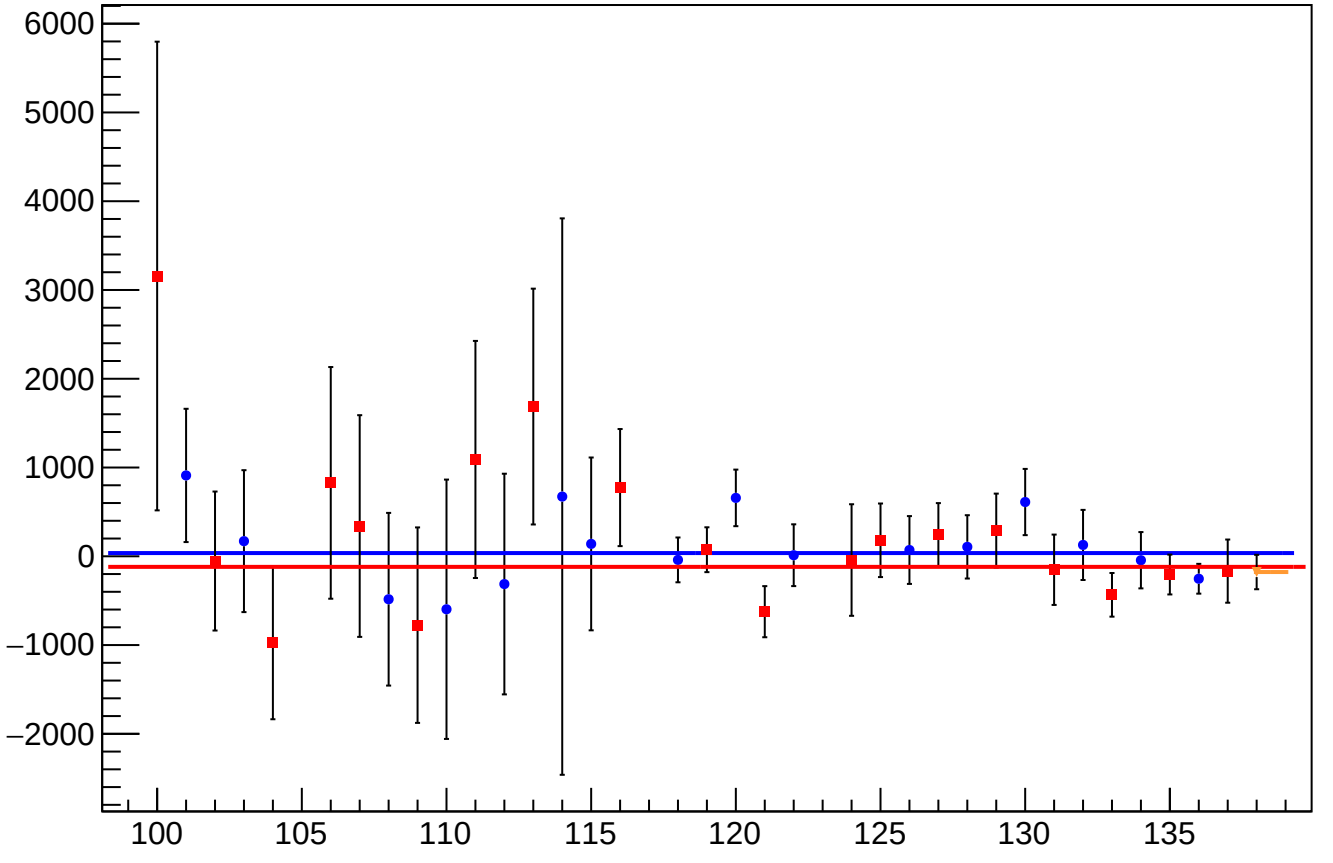
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.955+/-0.014 χ^2/NDF: 1282029.2/16

All: 54.961+/-0.010 χ^2/NDF: 2611785.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 36.327+/-93.563 χ^2/NDF: 11.4/15

Left Out: -177.383+/-193.855 χ^2/NDF:0.0/0

Right Out: -119.166+/-95.833 χ^2/NDF: 16.0/18

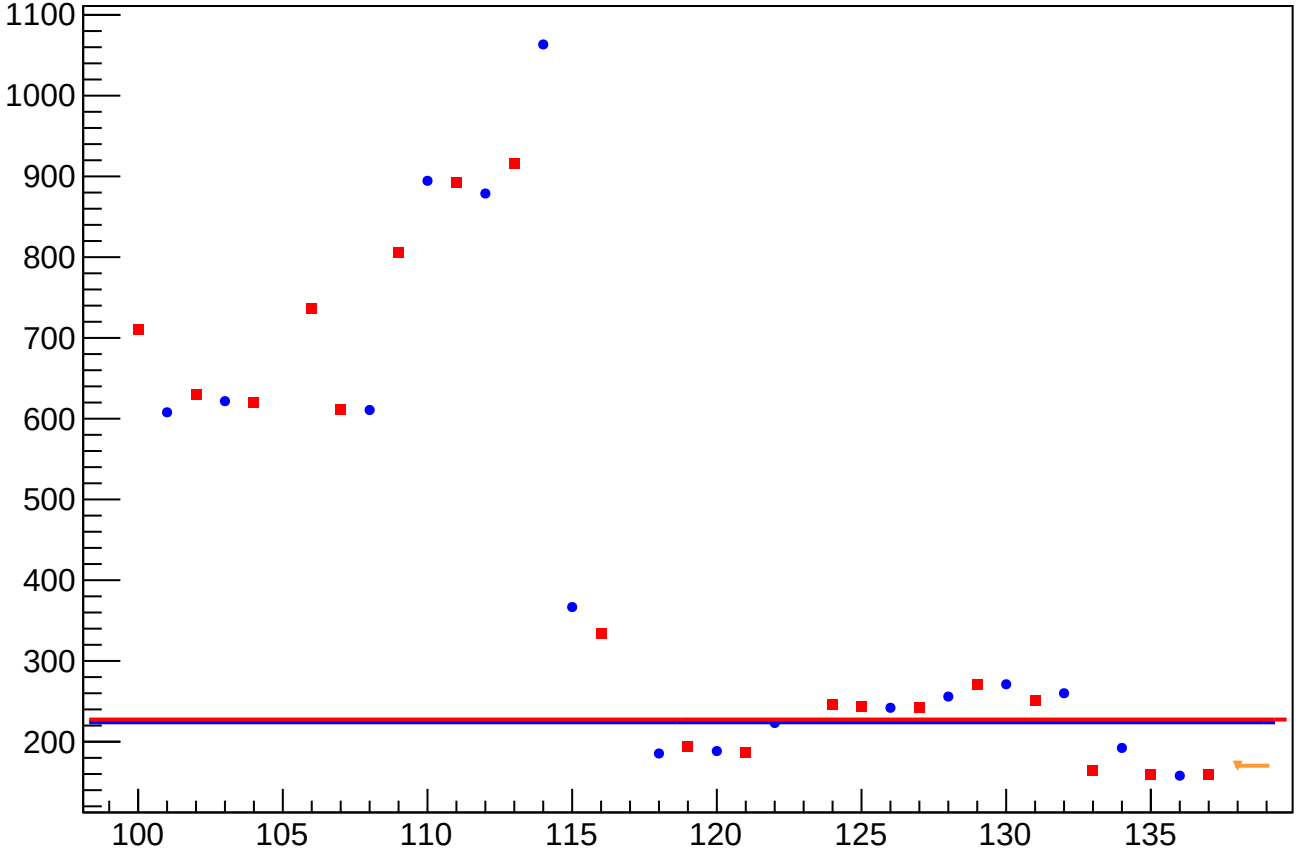
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.050+/-84.262 χ^2/NDF: 12.4/16

All: -54.242+/-63.280 χ^2/NDF: 29.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 224.042+/-0.066 χ^2/NDF: 2968054.7/15

Left Out: 170.299+/-0.137 χ^2/NDF:0.0/0

Right Out: 227.451+/-0.068 χ^2/NDF: 3640634.3/18

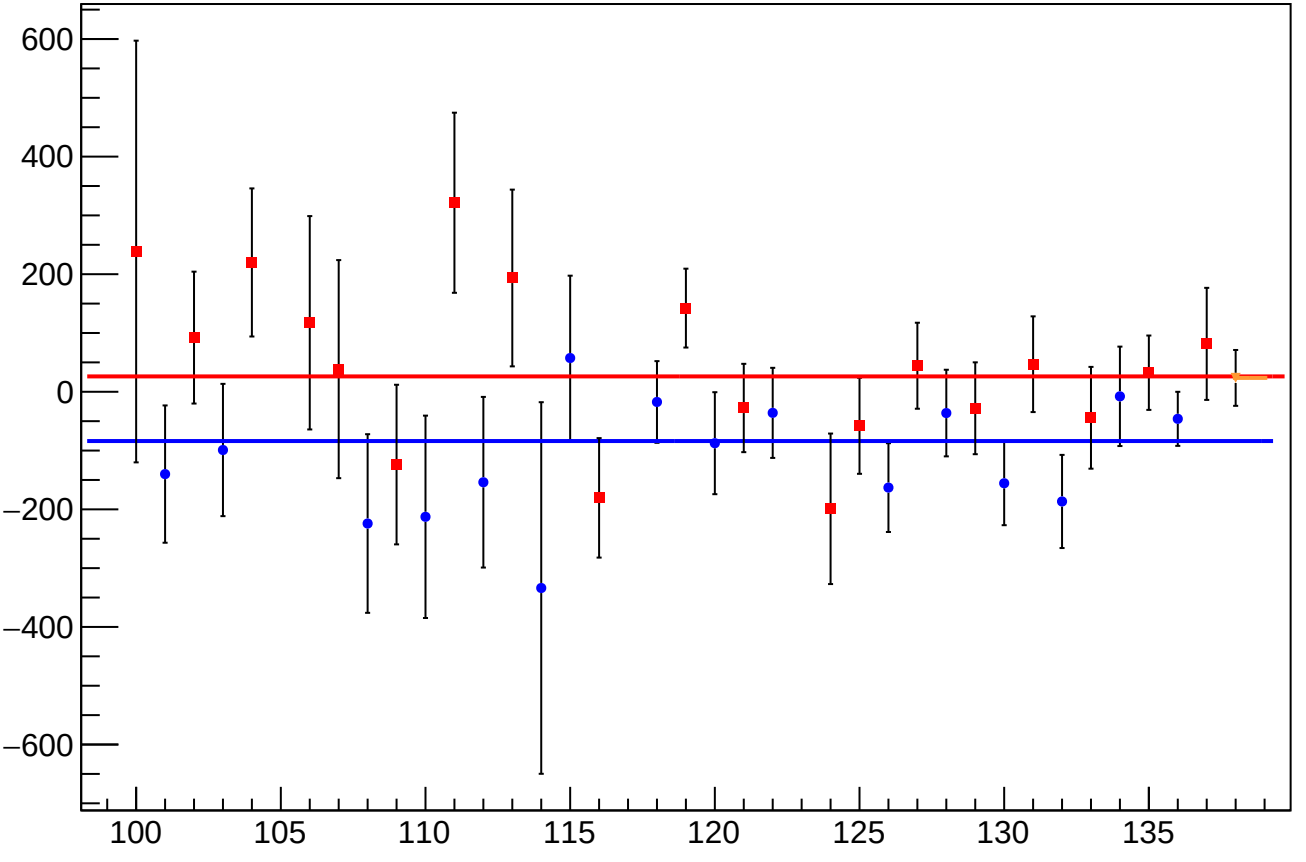
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.888+/-0.060 χ^2/NDF: 3092726.6/16

All: 219.801+/-0.045 χ^2/NDF: 6755953.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -83.805+/-21.434 χ^2/NDF: 10.5/15

Left Out: 23.588+/-47.506 χ^2/NDF:0.0/0

Right Out: 26.142+/-22.069 χ^2/NDF: 22.9/18

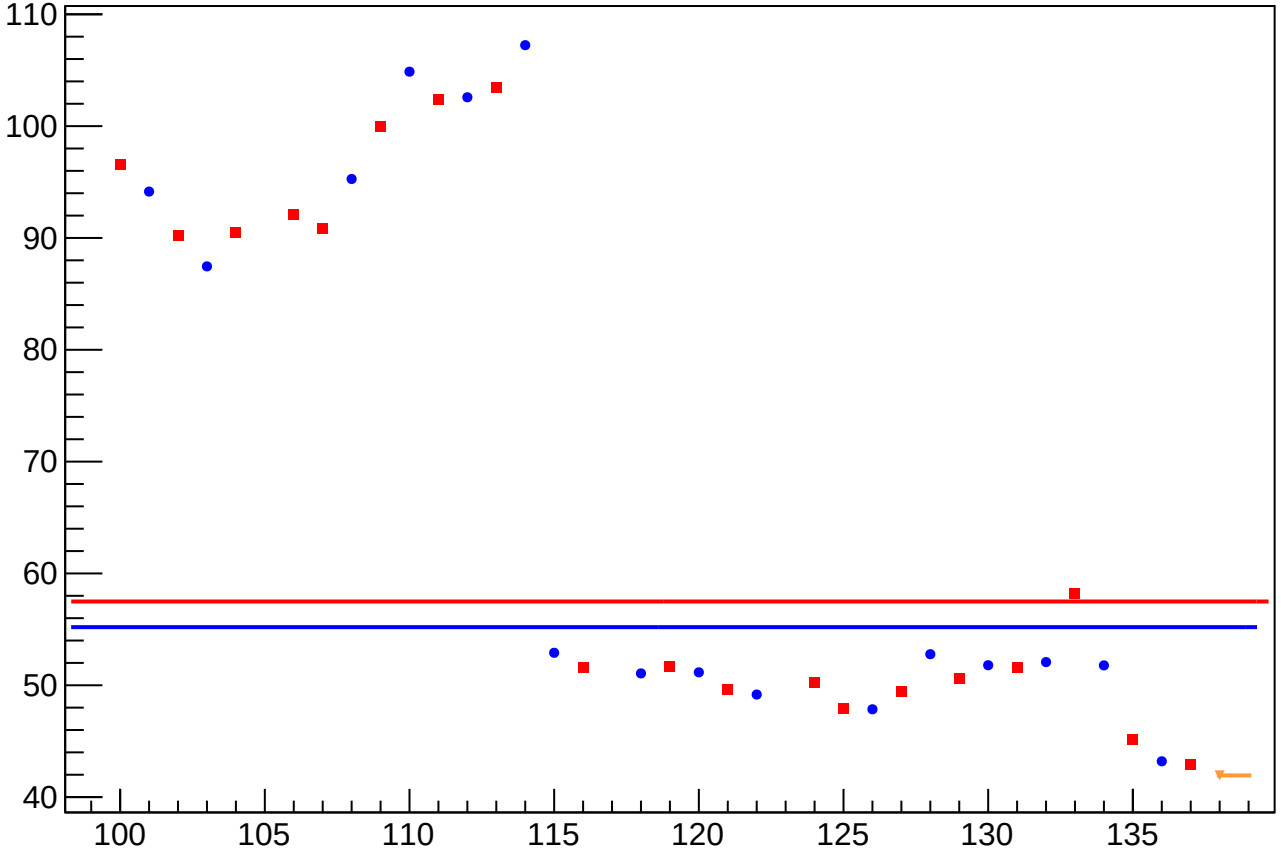
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -65.640+/-19.538 χ^2/NDF: 14.8/16

All: -25.312+/-14.629 χ^2/NDF: 47.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 55.198+/-0.015 χ^2/NDF: 1152581.3/15

Left Out: 41.938+/-0.034 χ^2/NDF:0.0/0

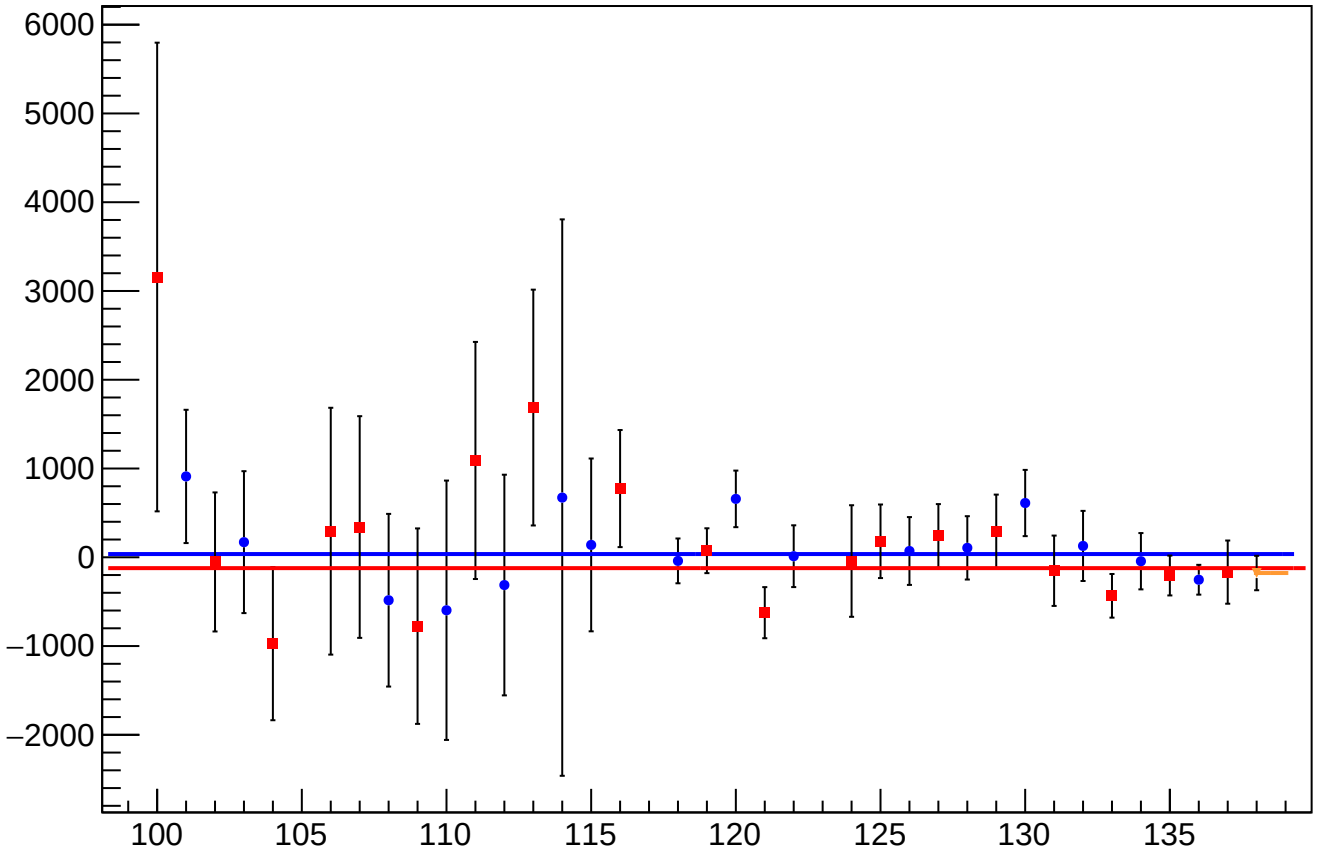
Right Out: 57.490+/-0.016 χ^2/NDF: 1274387.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.955+/-0.014 χ^2/NDF: 1282029.4/16

All: 54.948+/-0.010 χ^2/NDF: 2603769.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 36.327+/-93.563 χ^2/NDF: 11.4/15

Left Out: -177.383+/-193.855 χ^2/NDF:0.0/0

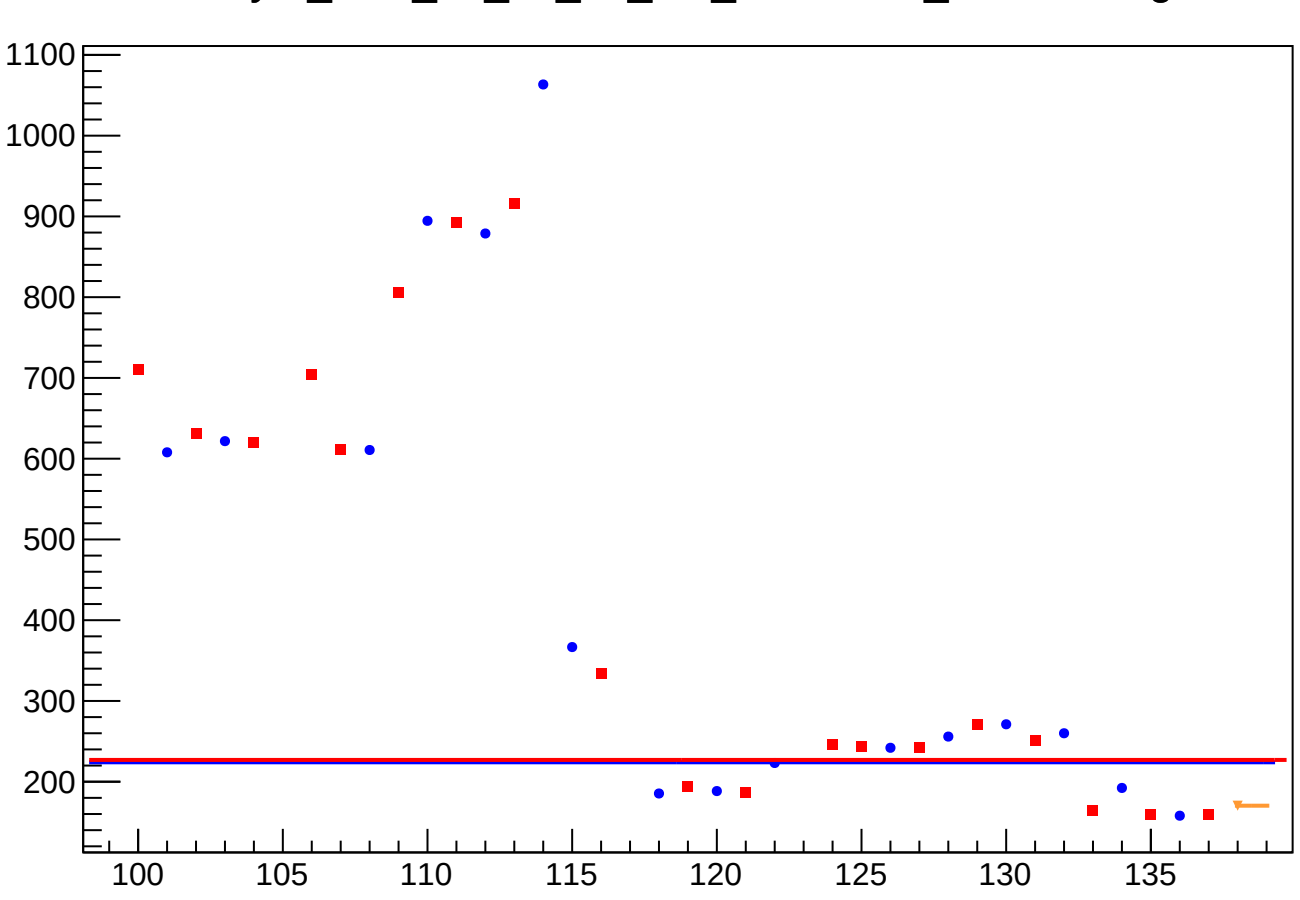
Right Out: -122.289+/-95.865 χ^2/NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.051+/-84.262 χ^2/NDF: 12.4/16

All: -55.585+/-63.289 χ^2/NDF: 28.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 224.042+/-0.066 χ^2/NDF: 2968059.8/15

Left Out: 170.299+/-0.137 χ^2/NDF:0.0/0

Right Out: 226.971+/-0.068 χ^2/NDF: 3571946.9/18

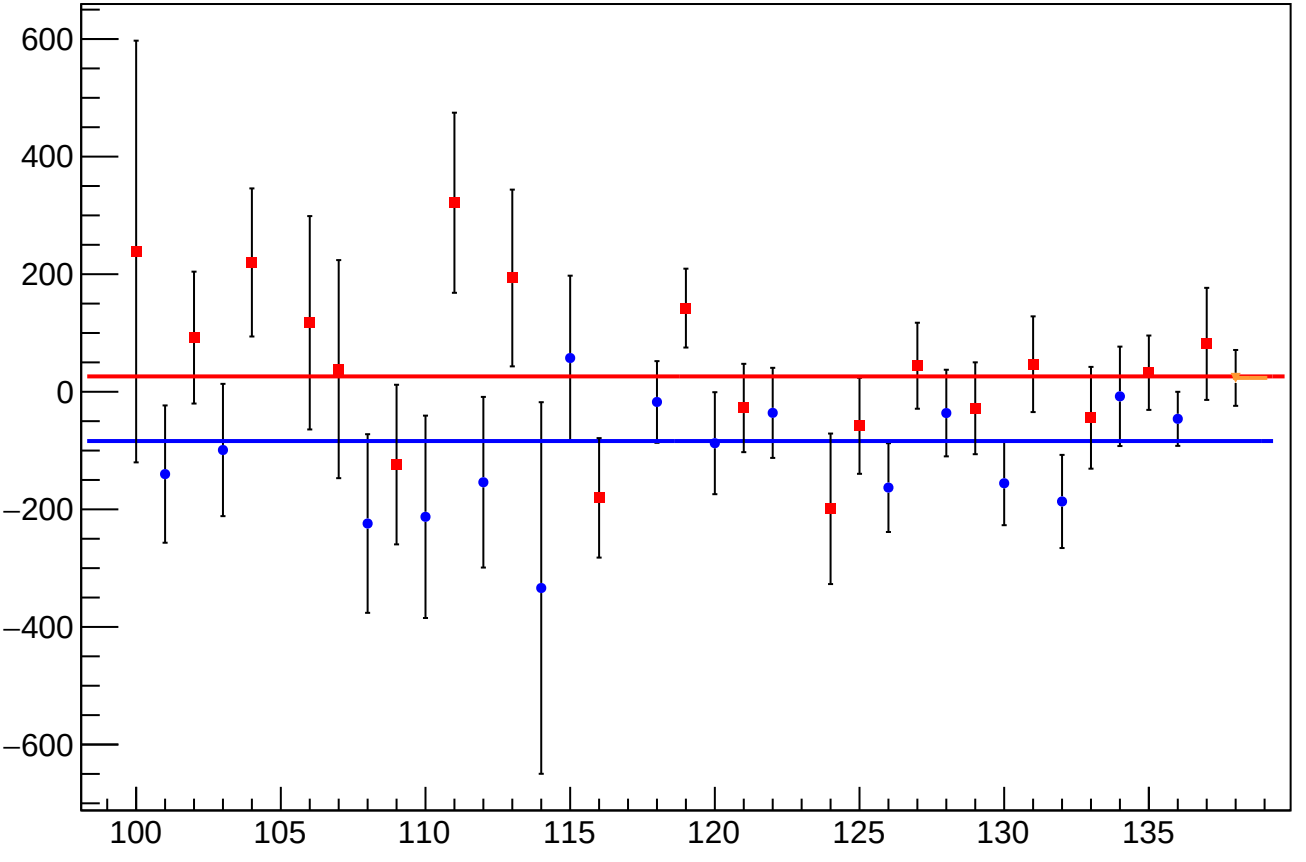
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.888+/-0.060 χ^2/NDF: 3092733.7/16

All: 219.590+/-0.045 χ^2/NDF: 6685695.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -83.805+/-21.434 χ^2/NDF: 10.5/15

Left Out: 23.588+/-47.506 χ^2/NDF:0.0/0

Right Out: 26.142+/-22.069 χ^2/NDF: 22.9/18

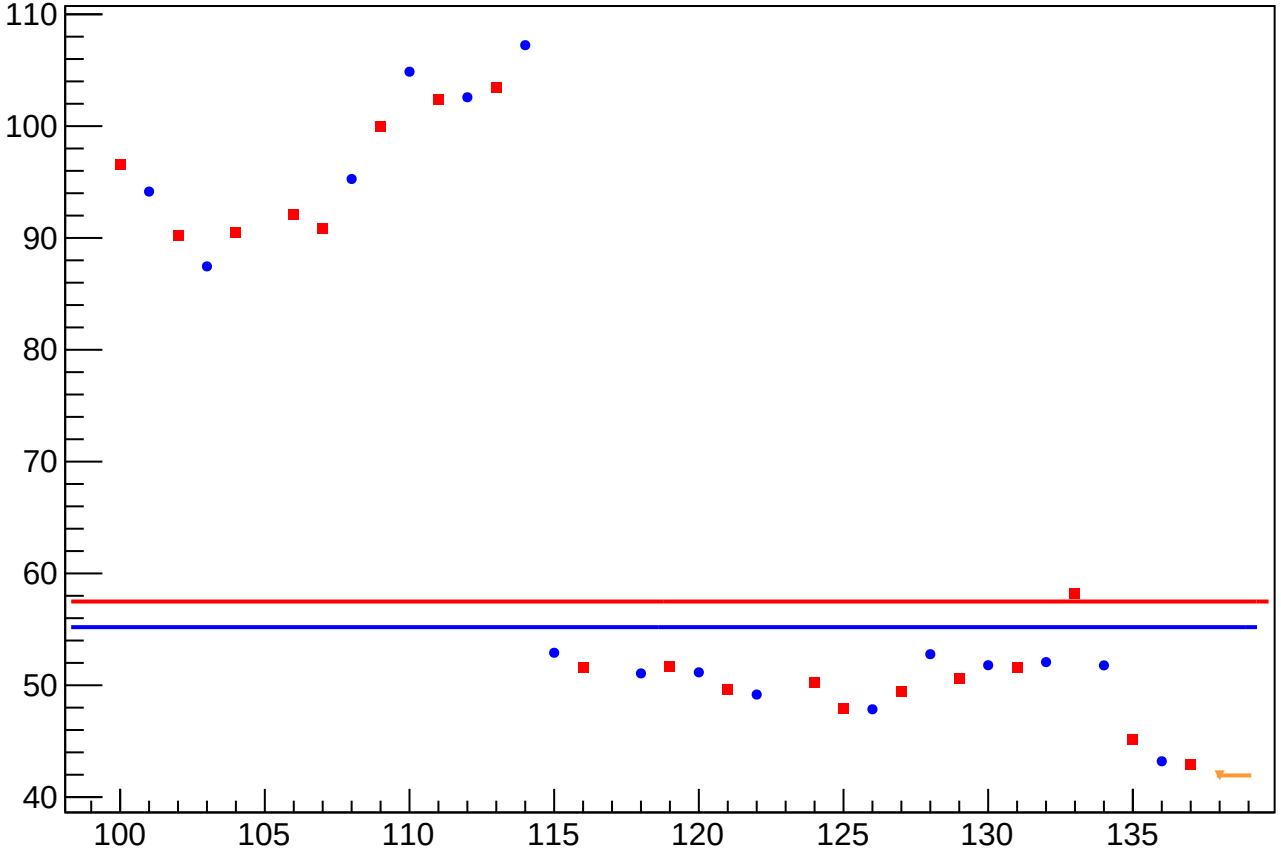
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -65.640+/-19.538 χ^2/NDF: 14.8/16

All: -25.312+/-14.629 χ^2/NDF: 47.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 55.198+/-0.015 χ^2/NDF: 1152581.3/15

Left Out: 41.938+/-0.034 χ^2/NDF:0.0/0

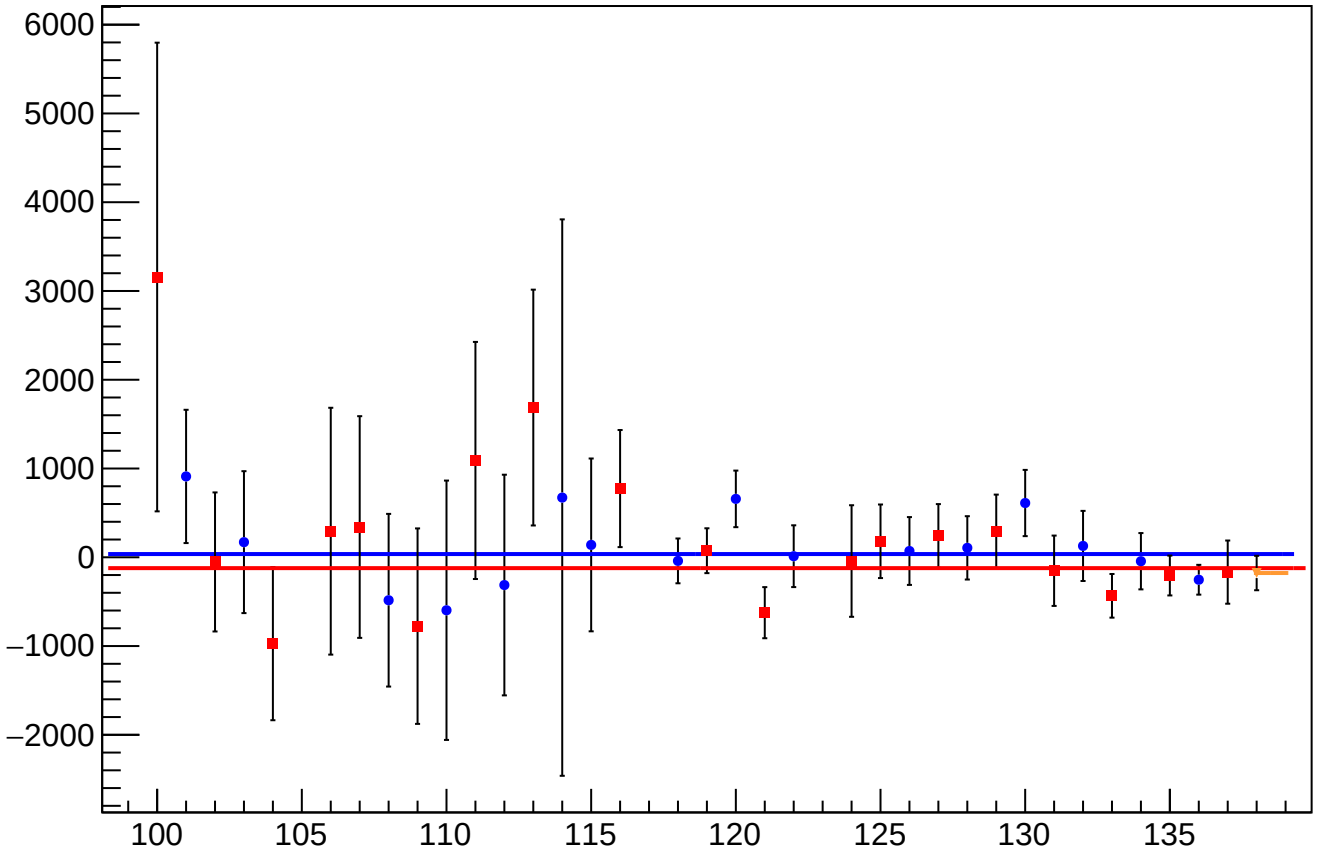
Right Out: 57.490+/-0.016 χ^2/NDF: 1274387.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.955+/-0.014 χ^2/NDF: 1282029.4/16

All: 54.948+/-0.010 χ^2/NDF: 2603769.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 36.327+/-93.563 χ^2/NDF: 11.4/15

Left Out: -177.383+/-193.855 χ^2/NDF:0.0/0

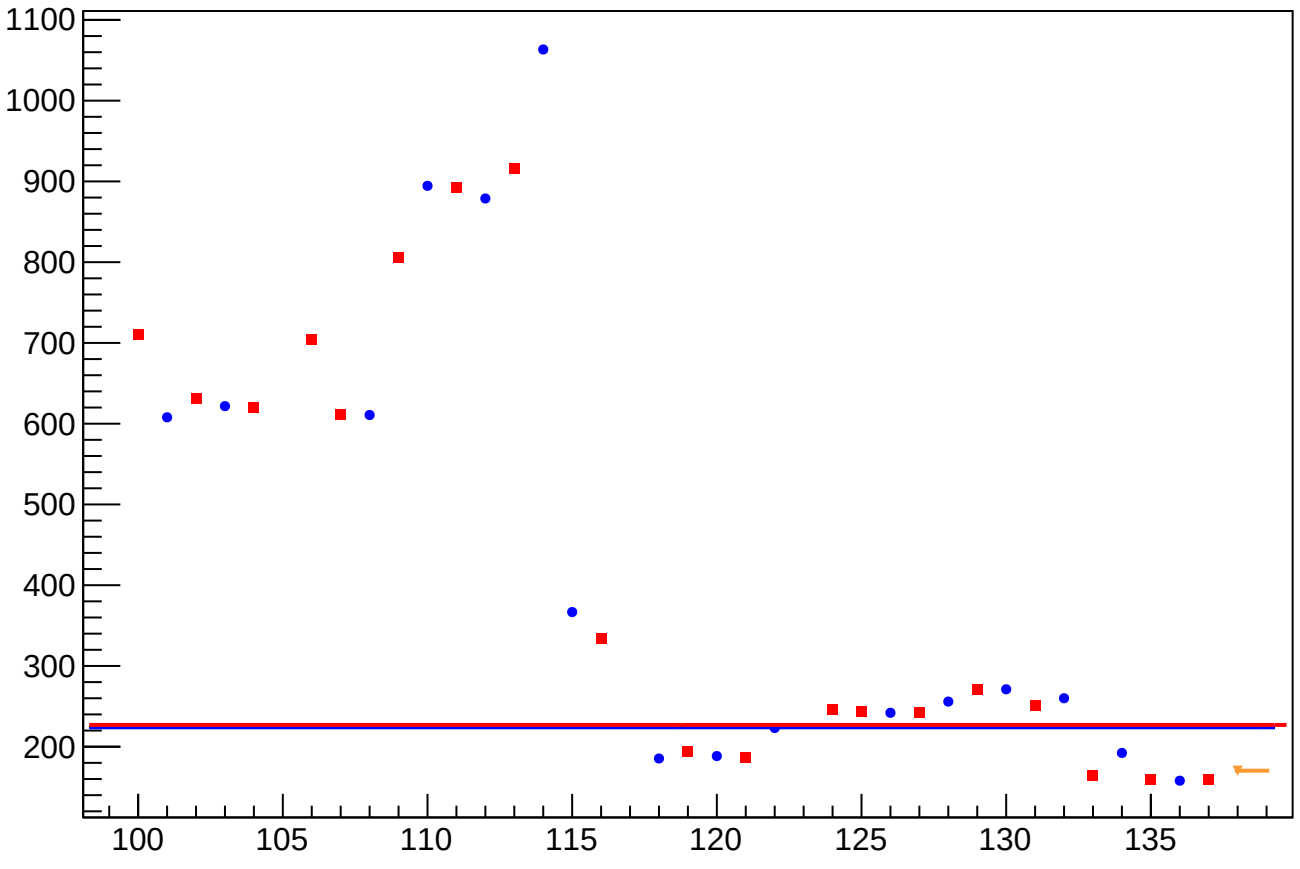
Right Out: -122.289+/-95.865 χ^2/NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.051+/-84.262 χ^2/NDF: 12.4/16

All: -55.585+/-63.289 χ^2/NDF: 28.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 224.042+/-0.066 χ^2/NDF: 2968059.8/15

Left Out: 170.299+/-0.137 χ^2/NDF:0.0/0

Right Out: 226.971+/-0.068 χ^2/NDF: 3571946.9/18

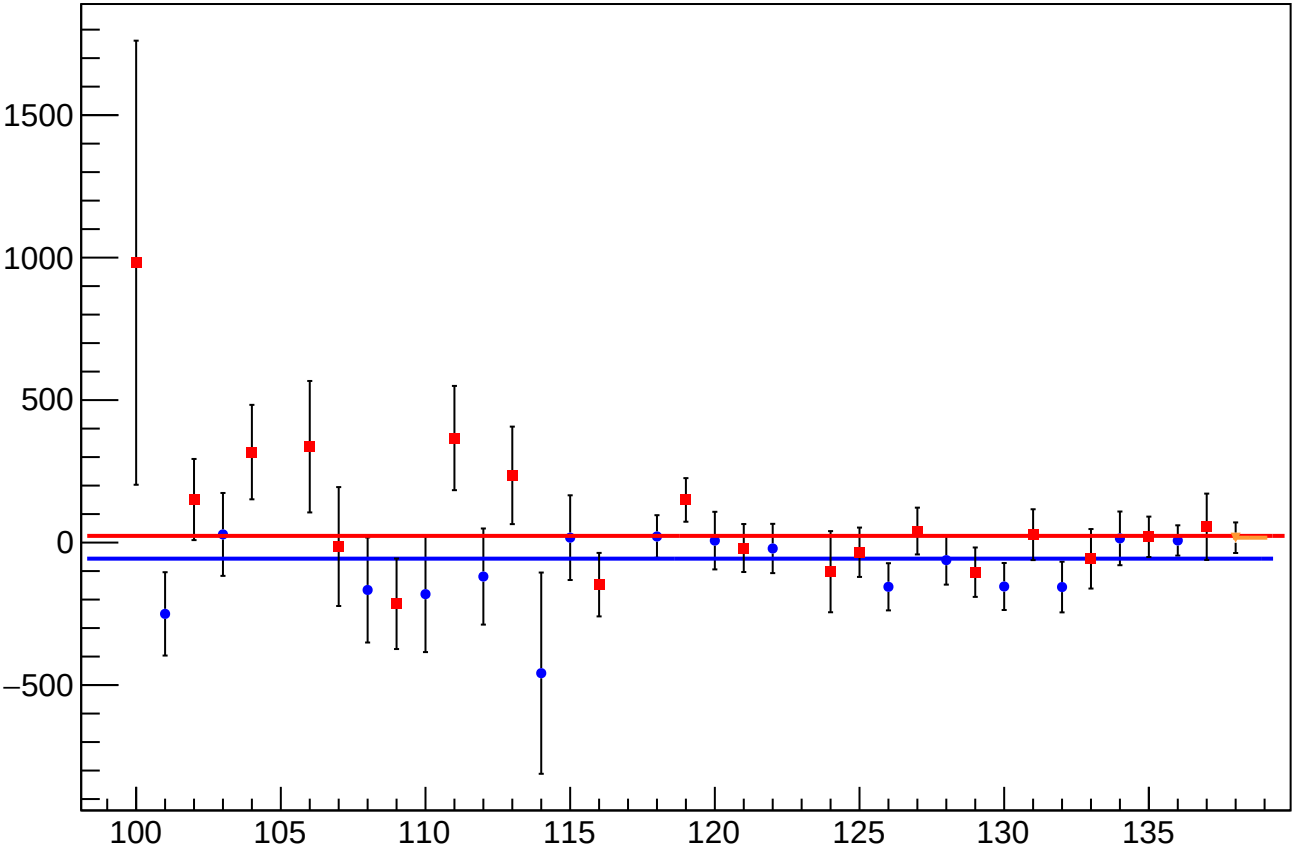
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 213.888+/-0.060 χ^2/NDF: 3092733.7/16

All: 219.590+/-0.045 χ^2/NDF: 6685695.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -56.414+/-24.489 χ^2/NDF: 12.3/15

Left Out: 17.092+/-53.674 χ^2/NDF:0.0/0

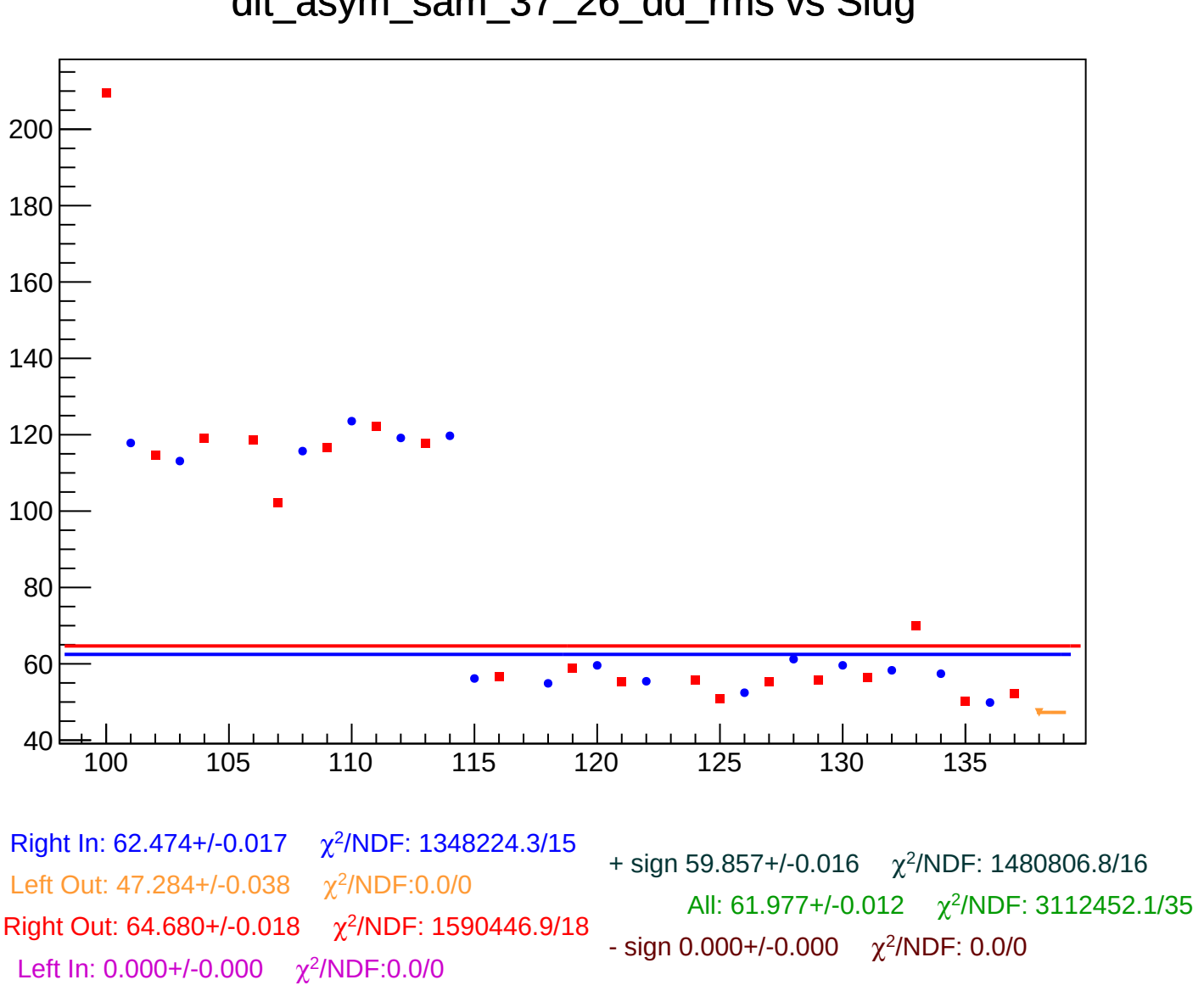
Right Out: 23.495+/-25.161 χ^2/NDF: 24.1/18

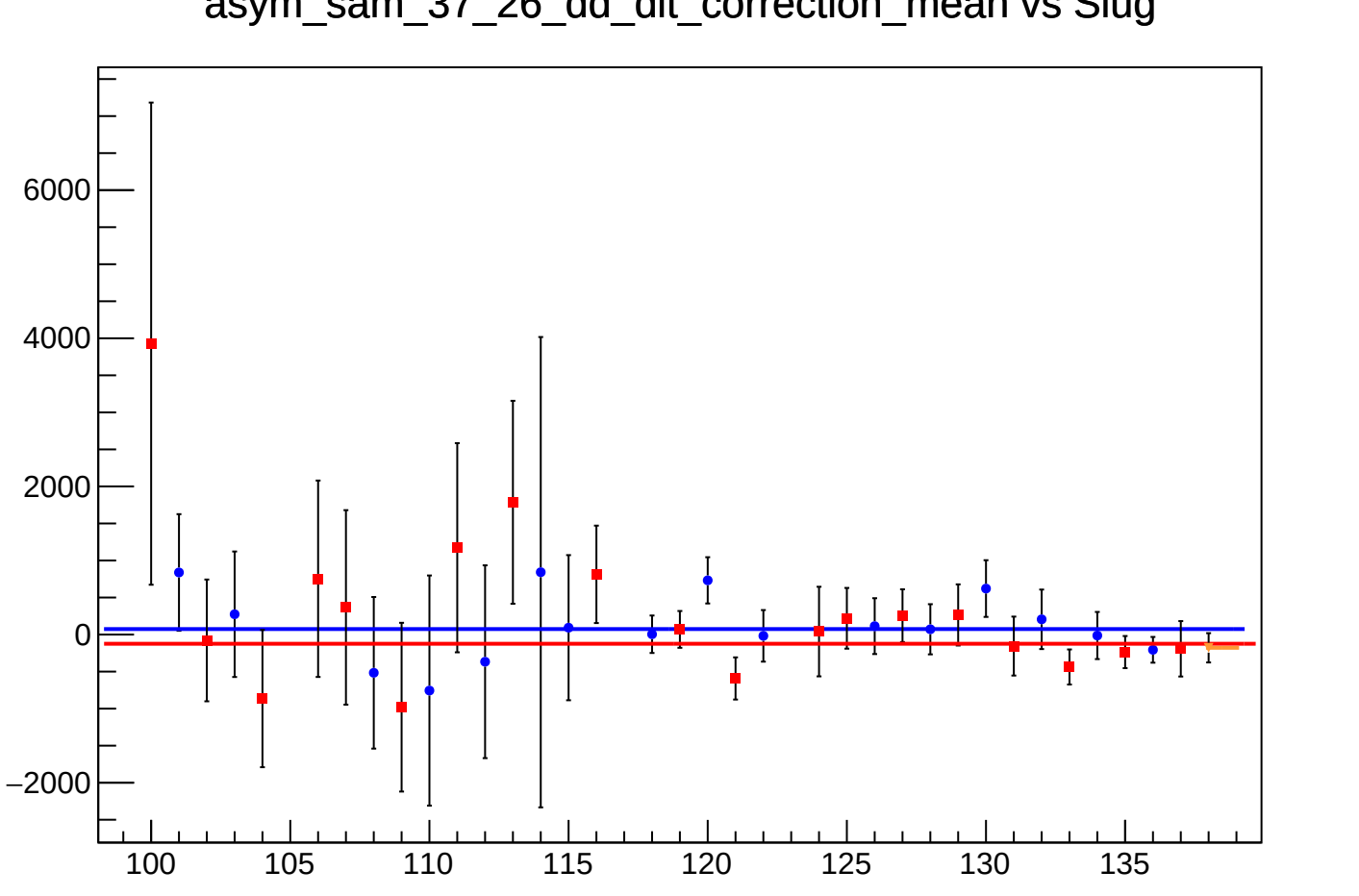
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -43.749+/-22.279 χ^2/NDF: 13.8/16

All: -14.195+/-16.680 χ^2/NDF: 41.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


dit_asym_sam_37_26_dd_rms vs Slug
200
180
160
140
120
100
80
60
40
100
105
110
115
120
125
130
135
Right In: 62.474+/-0.017 χ²/NDF: 1348224.3/15
Left Out: 47.284+/-0.038 χ²/NDF:0.0/0
Right Out: 64.680+/-0.018 χ²/NDF: 1590446.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 59.857+/-0.016 χ²/NDF: 1480806.8/16
All: 61.977+/-0.012 χ²/NDF: 3112452.1/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 74.294+/-94.492 χ^2/NDF: 11.2/15

Left Out: -178.712+/-197.654 χ^2/NDF:0.0/0

Right Out: -124.201+/-94.665 χ^2/NDF: 16.3/18

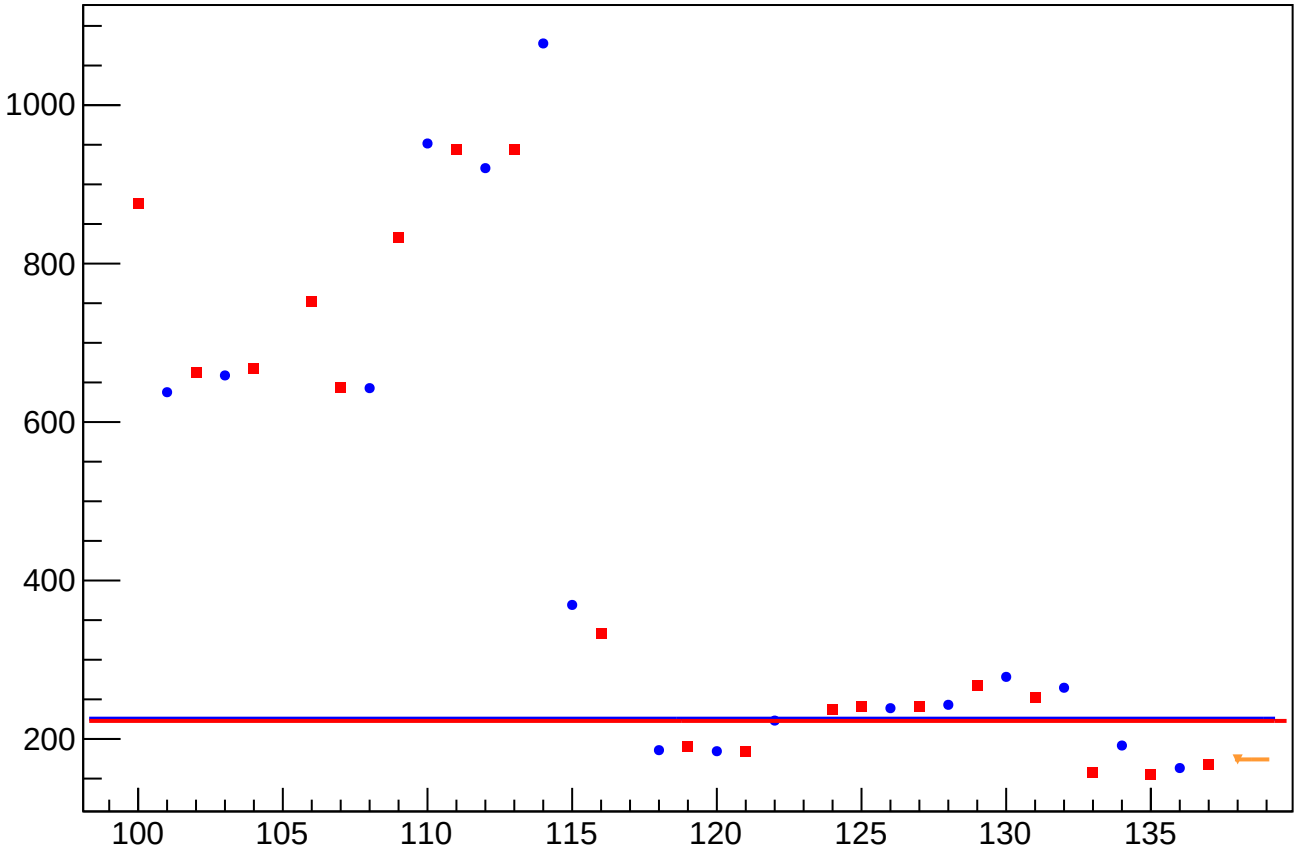
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.227+/-85.251 χ^2/NDF: 12.5/16

All: -40.585+/-63.349 χ^2/NDF: 30.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 225.614+/-0.067 χ^2/NDF: 3026007.7/15

Left Out: 174.174+/-0.140 χ^2/NDF:0.0/0

Right Out: 222.786+/-0.067 χ^2/NDF: 3848156.1/18

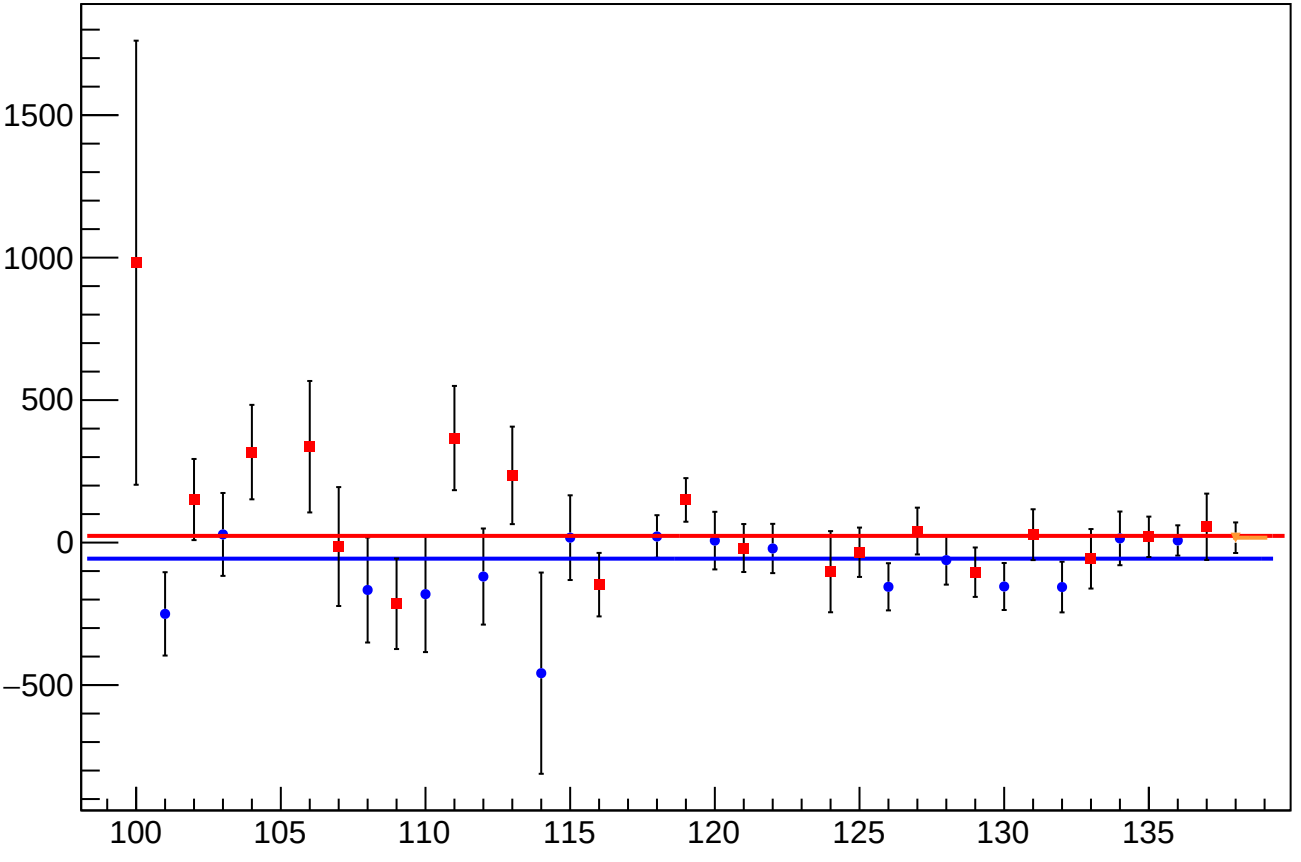
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 216.045+/-0.060 χ^2/NDF: 3136273.1/16

All: 219.064+/-0.045 χ^2/NDF: 6990030.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_mean vs Slug



Right In: -56.415+/-24.489 χ^2/NDF: 12.3/15

Left Out: 17.094+/-53.674 χ^2/NDF:0.0/0

Right Out: 23.498+/-25.160 χ^2/NDF: 24.1/18

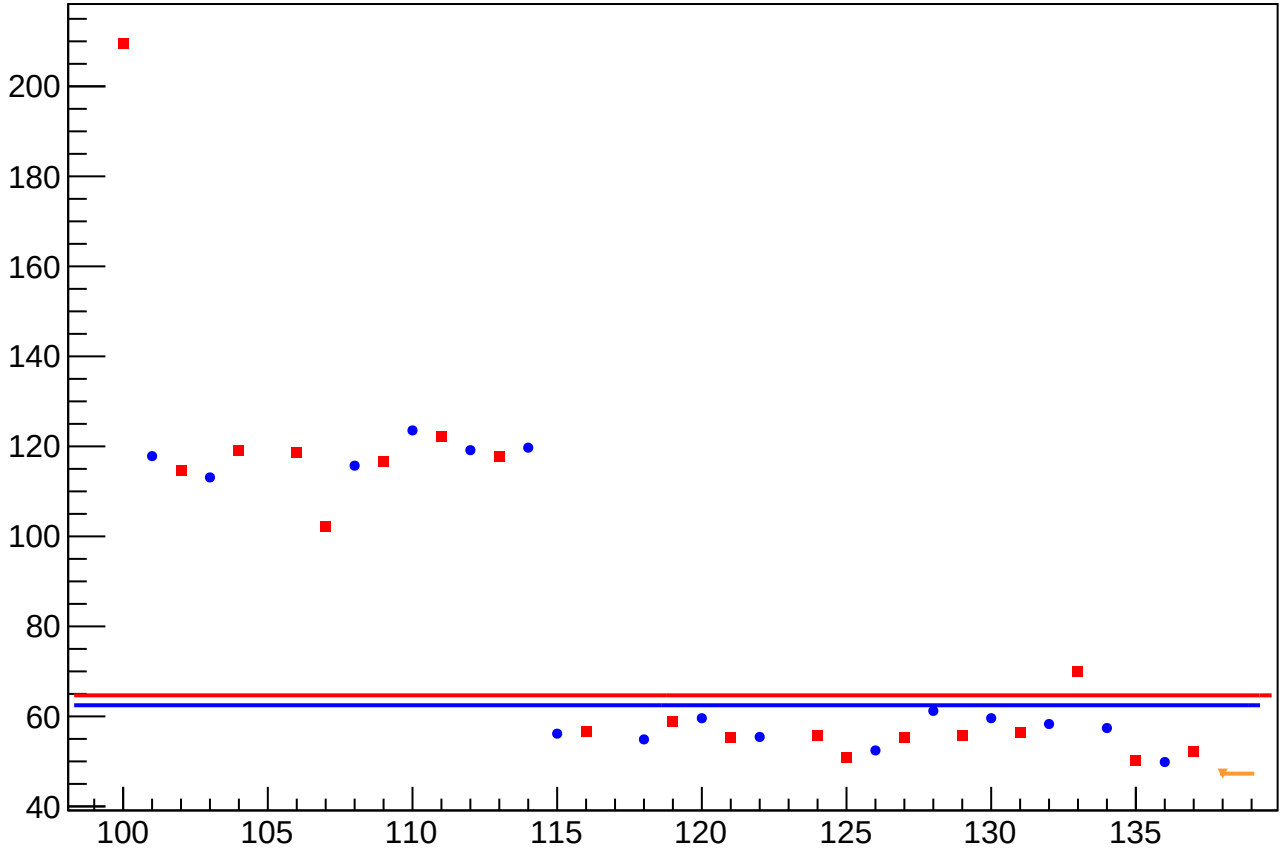
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -43.749+/-22.279 χ^2/NDF: 13.8/16

All: -14.195+/-16.680 χ^2/NDF: 41.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 62.474+/-0.017 χ^2/NDF: 1348204.7/15

Left Out: 47.284+/-0.038 χ^2/NDF:0.0/0

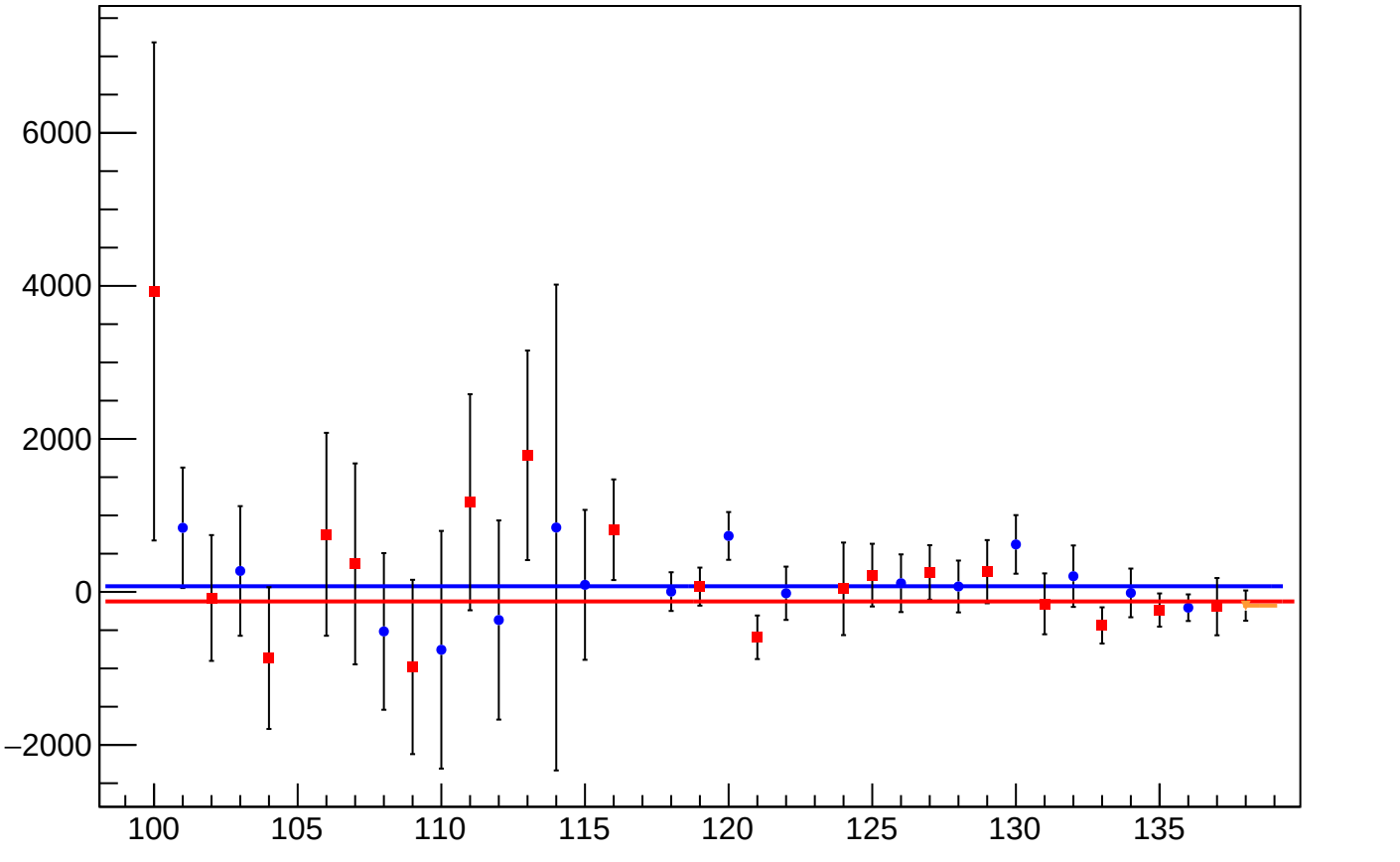
Right Out: 64.680+/-0.018 χ^2/NDF: 1590426.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.857+/-0.016 χ^2/NDF: 1480781.7/16

All: 61.976+/-0.012 χ^2/NDF: 3112409.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 74.295+/-94.492 χ^2/NDF: 11.2/15

Left Out: -178.710+/-197.655 χ^2/NDF:0.0/0

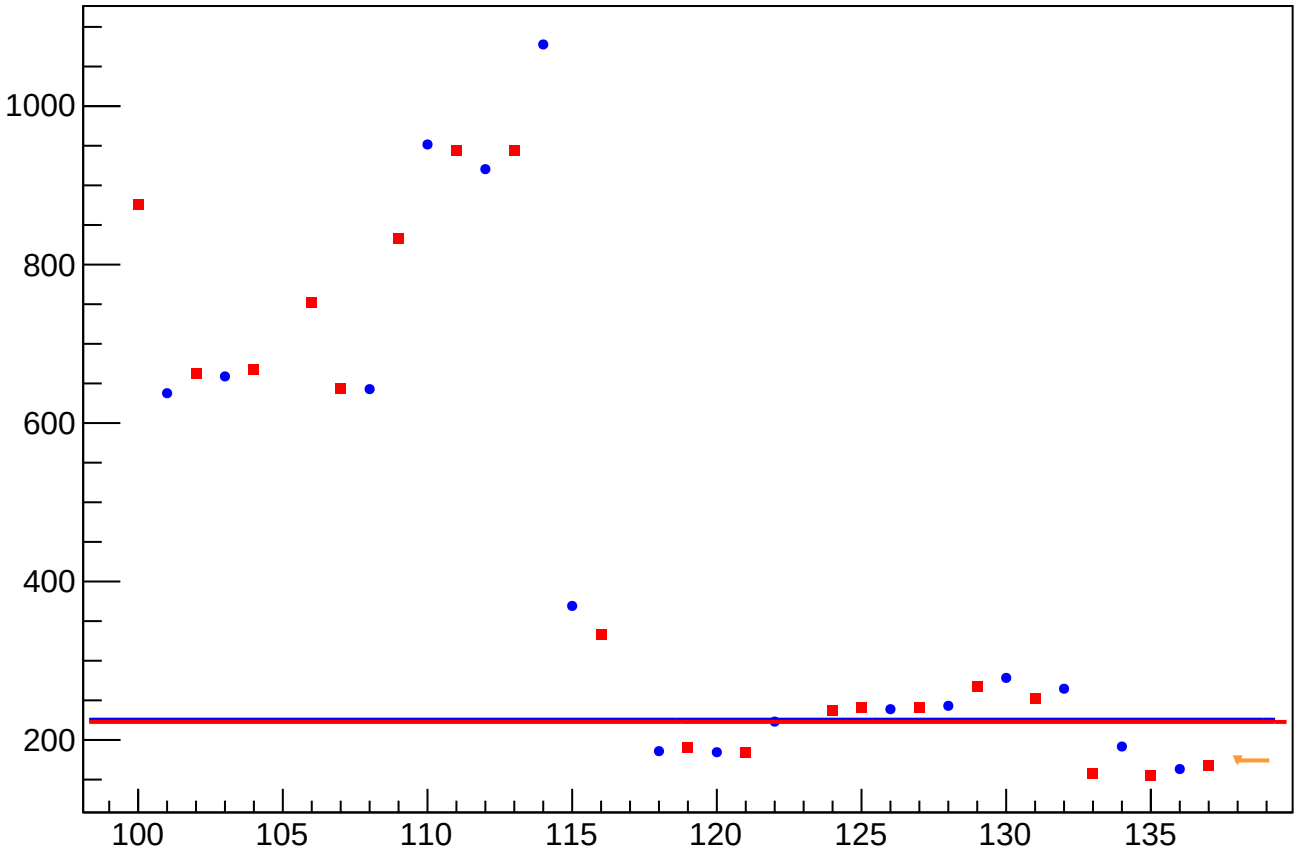
Right Out: -124.199+/-94.666 χ^2/NDF: 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.229+/-85.251 χ^2/NDF: 12.5/16

All: -40.583+/-63.349 χ^2/NDF: 30.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 225.614+/-0.067 χ^2/NDF: 3025994.8/15

Left Out: 174.175+/-0.140 χ^2/NDF:0.0/0

Right Out: 222.787+/-0.067 χ^2/NDF: 3848136.6/18

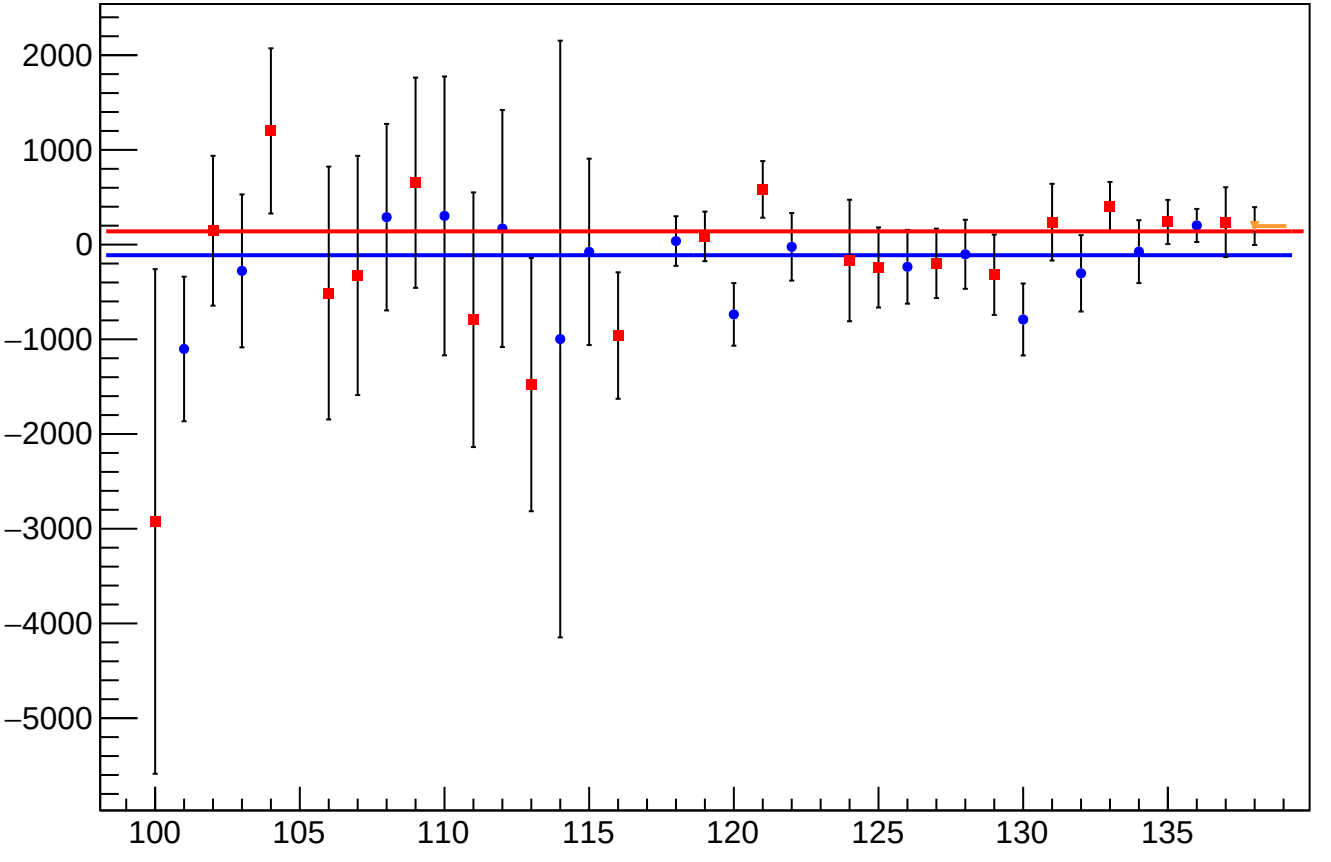
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 216.045+/-0.060 χ^2/NDF: 3136252.6/16

All: 219.064+/-0.045 χ^2/NDF: 6989990.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug



Right In: -111.916+/-96.551 χ^2/NDF: 12.8/15

Left Out: 195.585+/-199.749 χ^2/NDF:0.0/0

Right Out: 139.974+/-99.174 χ^2/NDF: 14.6/18

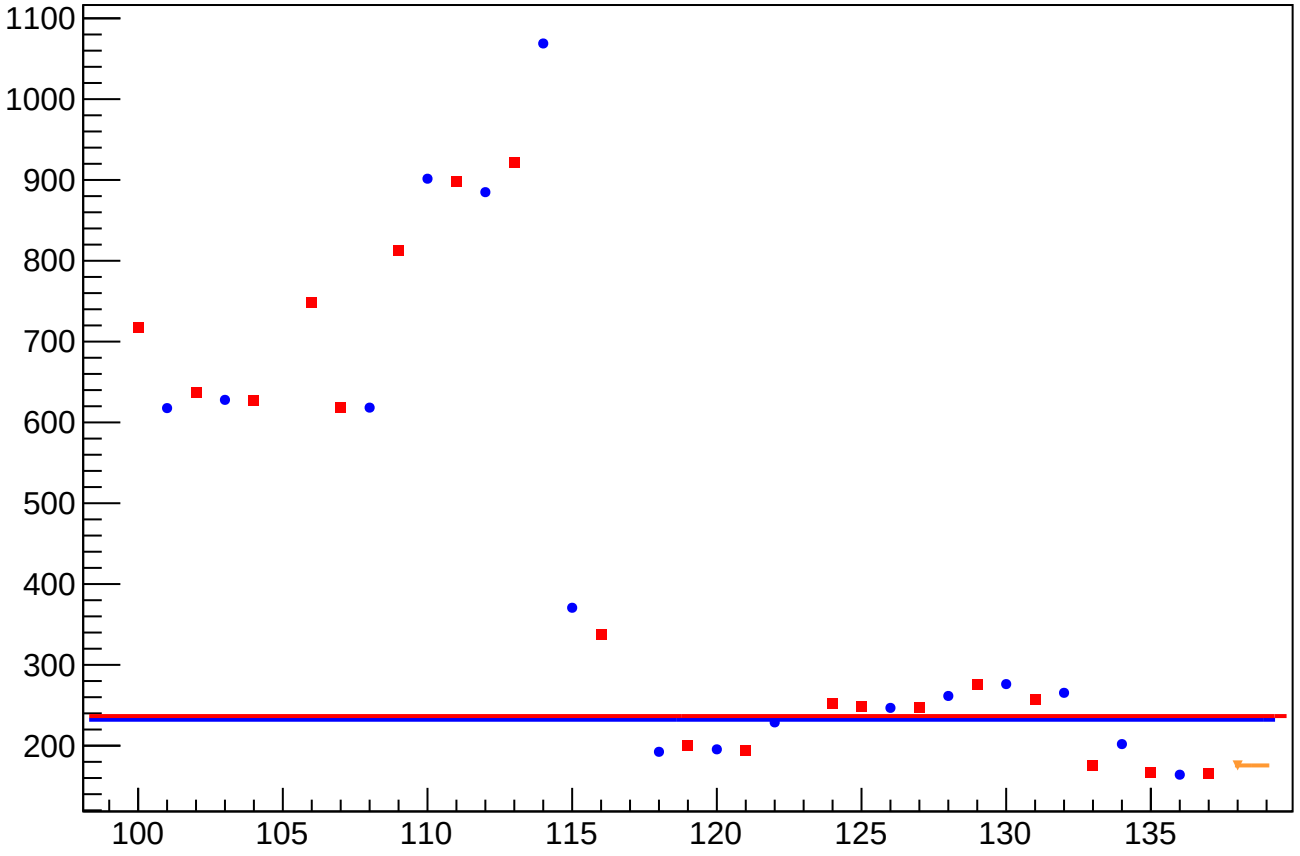
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -53.678+/-86.928 χ^2/NDF: 14.8/16

All: 30.460+/-65.371 χ^2/NDF: 31.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 232.107+/-0.068 χ^2/NDF: 2885510.6/15

Left Out: 175.560+/-0.141 χ^2/NDF:0.0/0

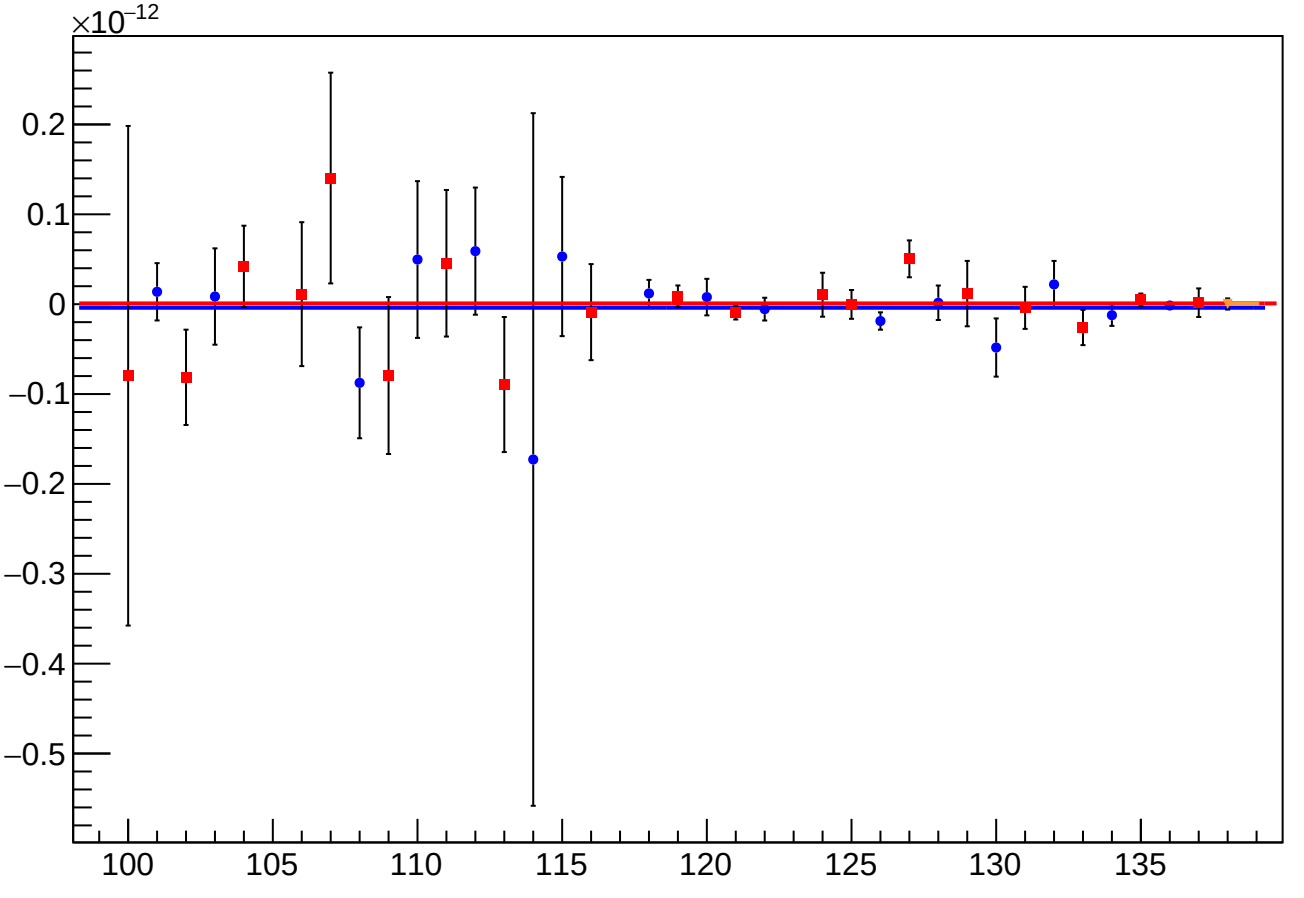
Right Out: 236.647+/-0.070 χ^2/NDF: 3521033.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 221.397+/-0.061 χ^2/NDF: 3015435.6/16

All: 228.023+/-0.046 χ^2/NDF: 6563211.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

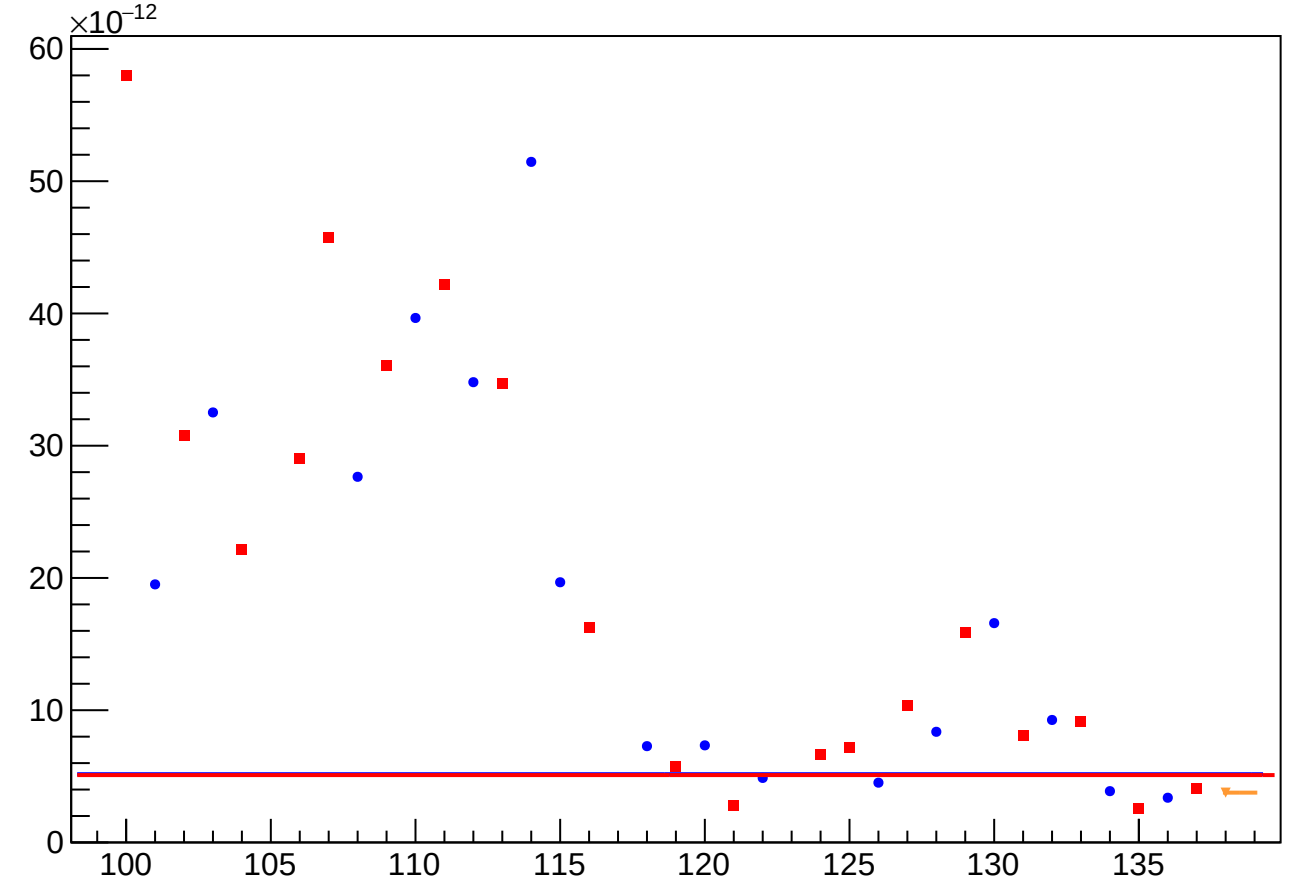
Right Out: 0.000+/-0.000 χ^2/NDF: 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 11.8/16

All: -0.000+/-0.000 χ^2/NDF: 30.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 2618432.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 3236196.8/18

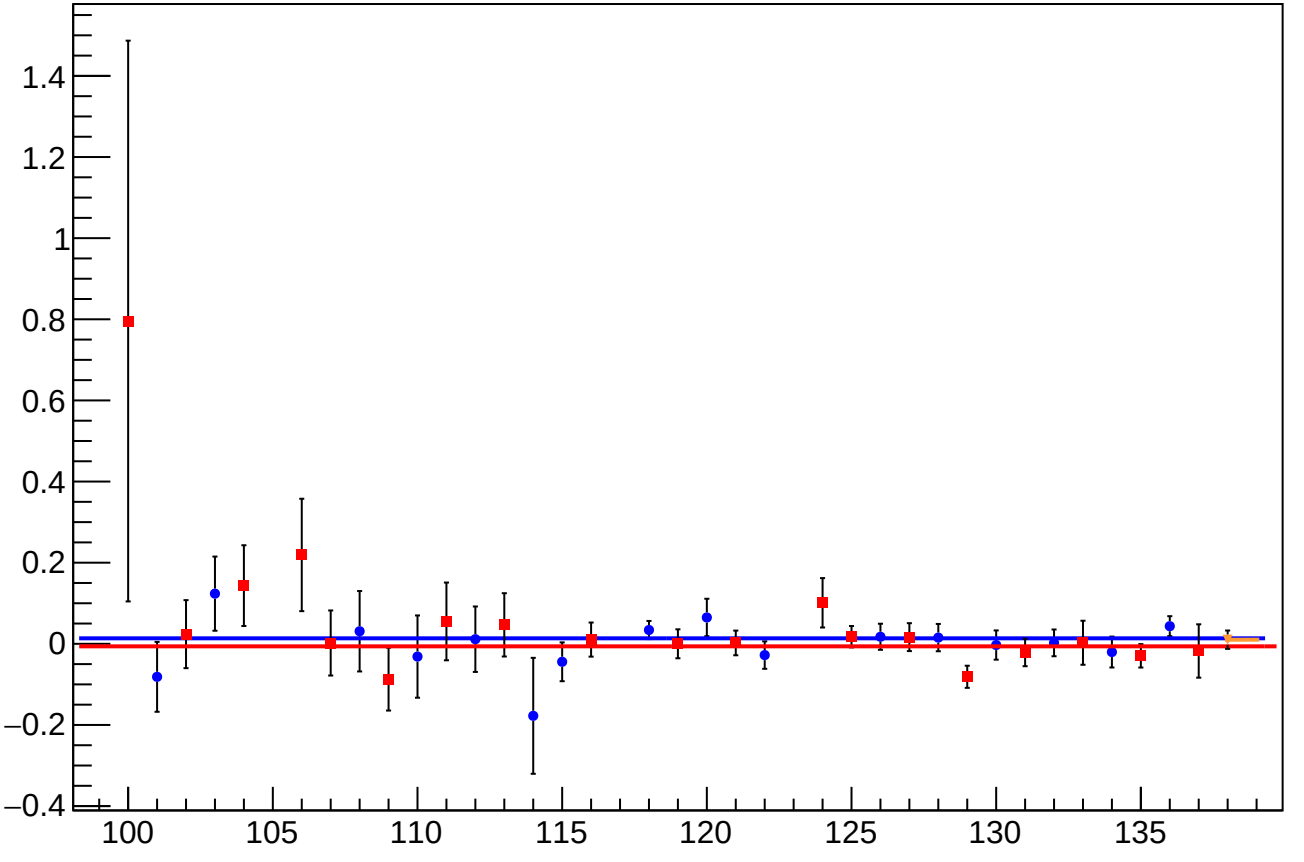
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2693005.5/16

All: 0.000+/-0.000 χ^2/NDF: 5935943.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.014+/-0.010 χ^2/NDF: 12.3/15

Left Out: 0.010+/-0.023 χ^2/NDF:0.0/0

Right Out: -0.006+/-0.010 χ^2/NDF: 21.5/18

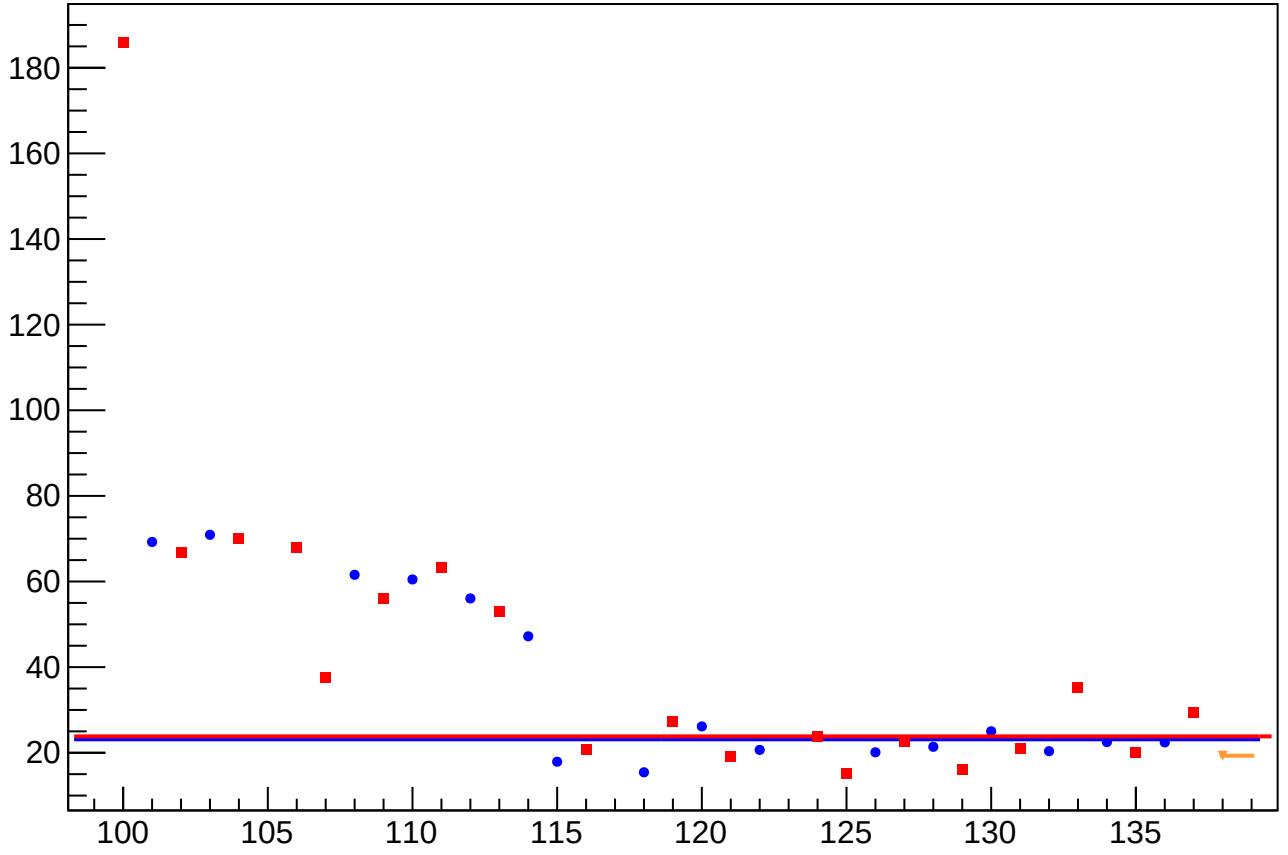
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.009 χ^2/NDF: 12.3/16

All: 0.004+/-0.007 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.145+/-0.007 χ^2/NDF: 2406426.8/15

Left Out: 19.316+/-0.016 χ^2/NDF:0.0/0

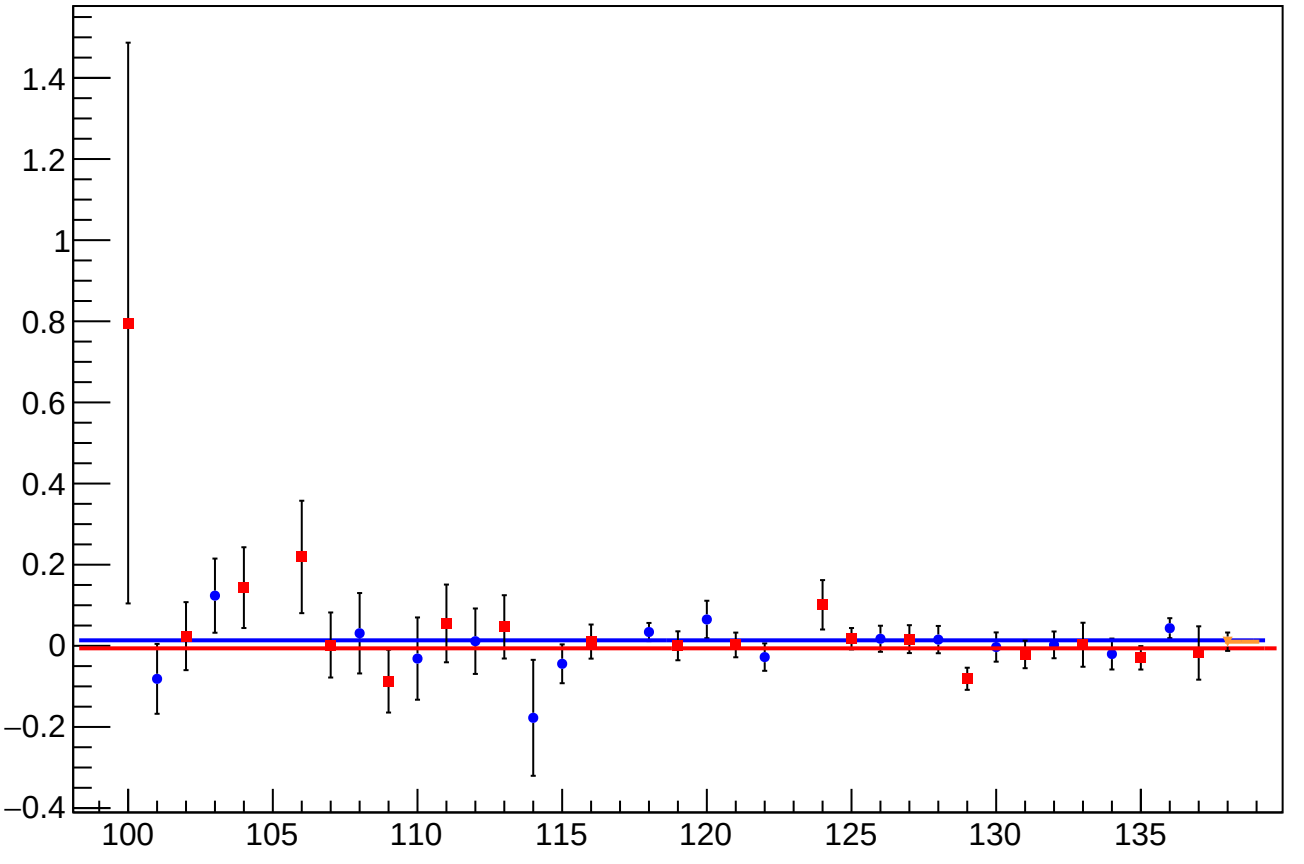
Right Out: 23.825+/-0.007 χ^2/NDF: 2898916.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.537+/-0.006 χ^2/NDF: 2454450.3/16

All: 23.111+/-0.005 χ^2/NDF: 5371501.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.010 χ^2/NDF: 12.3/15

Left Out: 0.010+/-0.023 χ^2/NDF:0.0/0

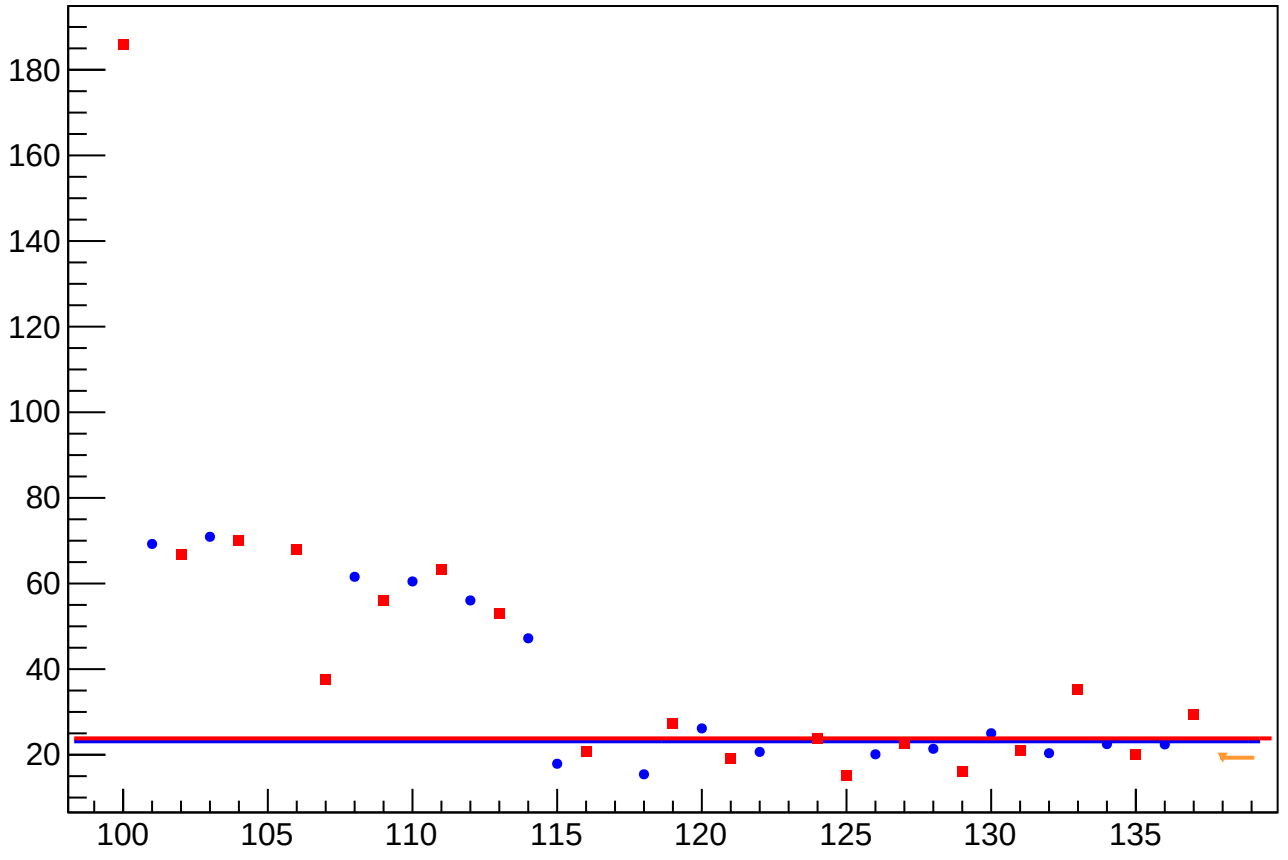
Right Out: -0.006+/-0.010 χ^2/NDF: 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.009 χ^2/NDF: 12.3/16

All: 0.004+/-0.007 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.145+/-0.007 χ^2/NDF: 2406426.8/15

Left Out: 19.316+/-0.016 χ^2/NDF:0.0/0

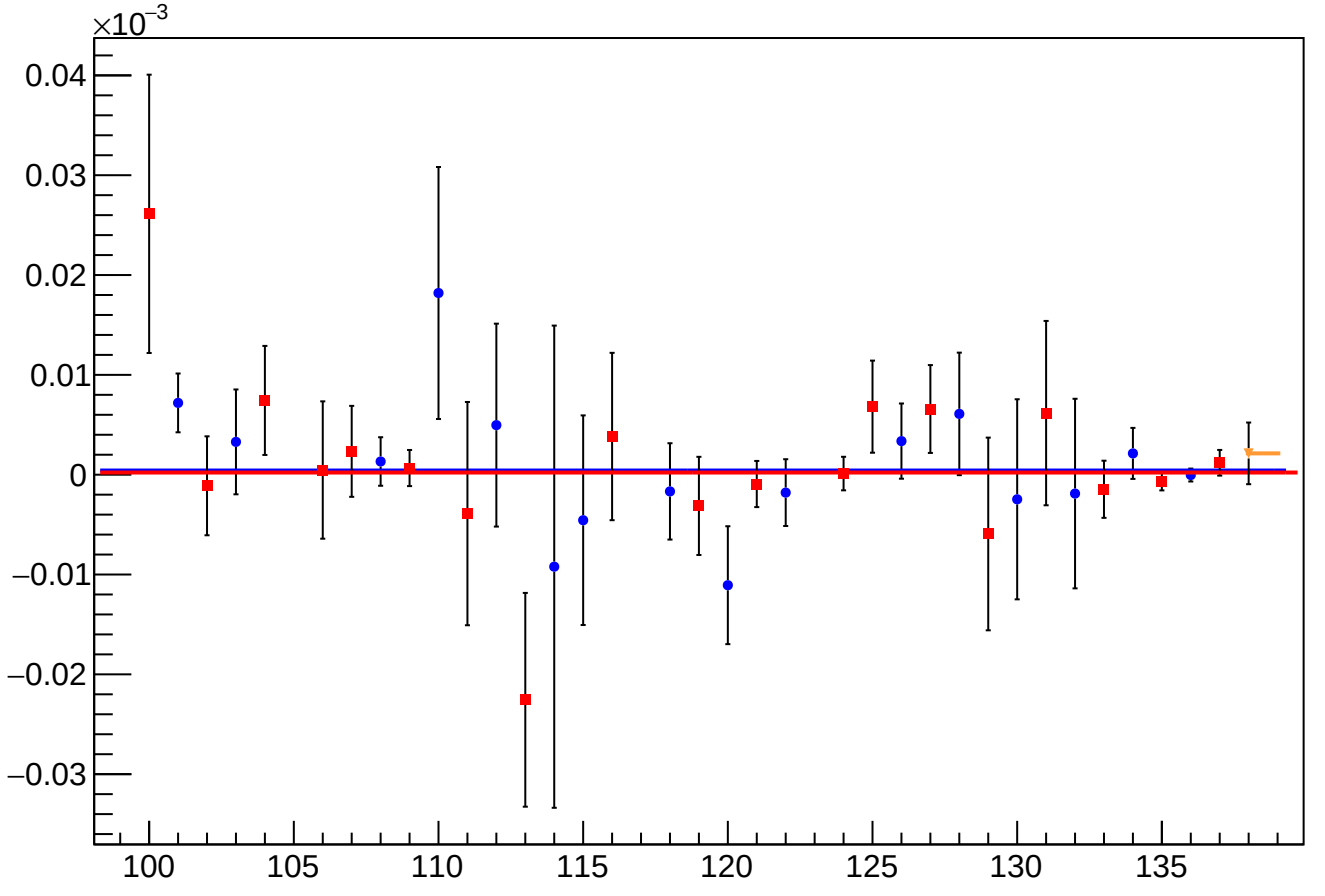
Right Out: 23.825+/-0.007 χ^2/NDF: 2898916.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.537+/-0.006 χ^2/NDF: 2454450.3/16

All: 23.111+/-0.005 χ^2/NDF: 5371501.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

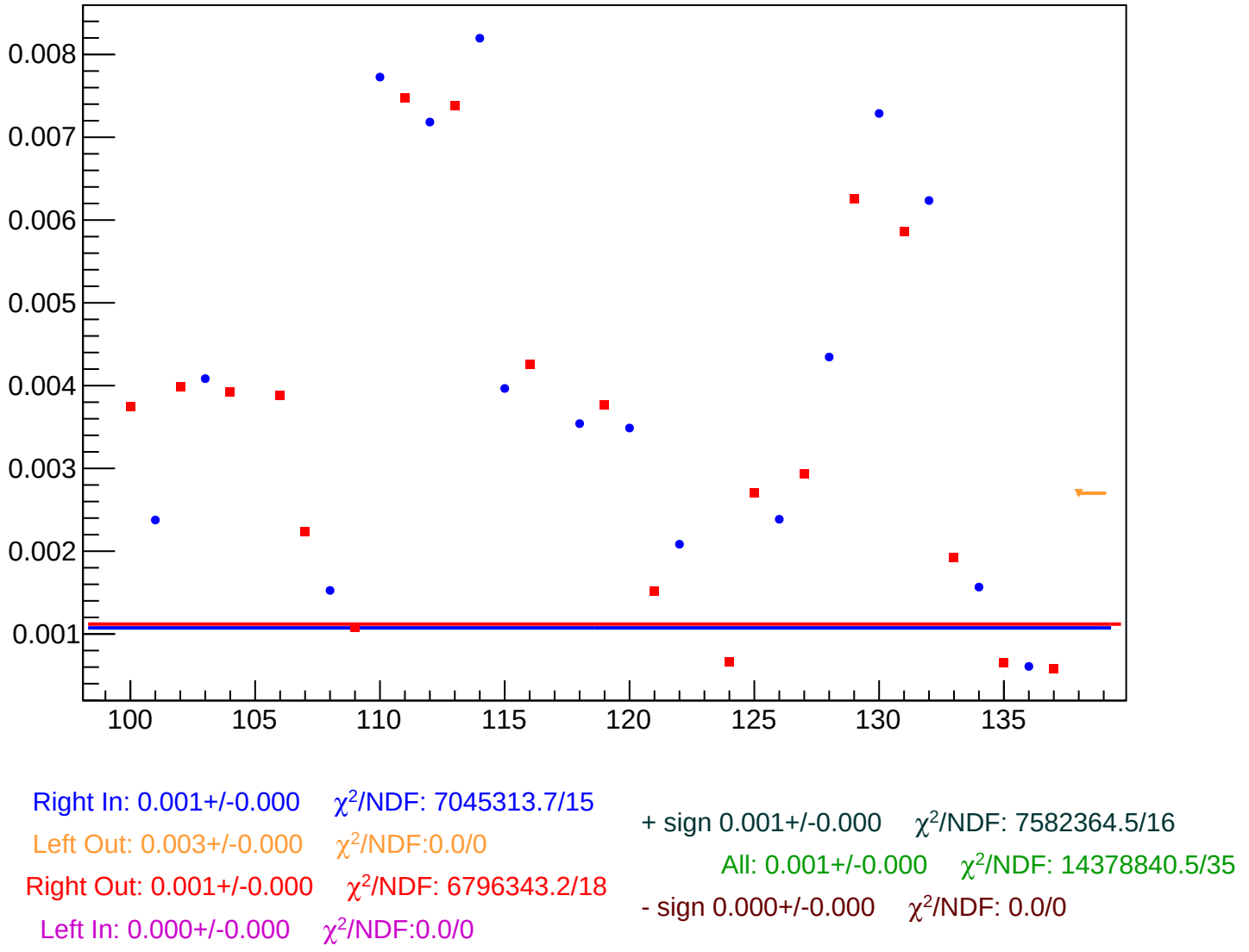
Right Out: 0.000+/-0.000 χ^2/NDF: 17.9/18

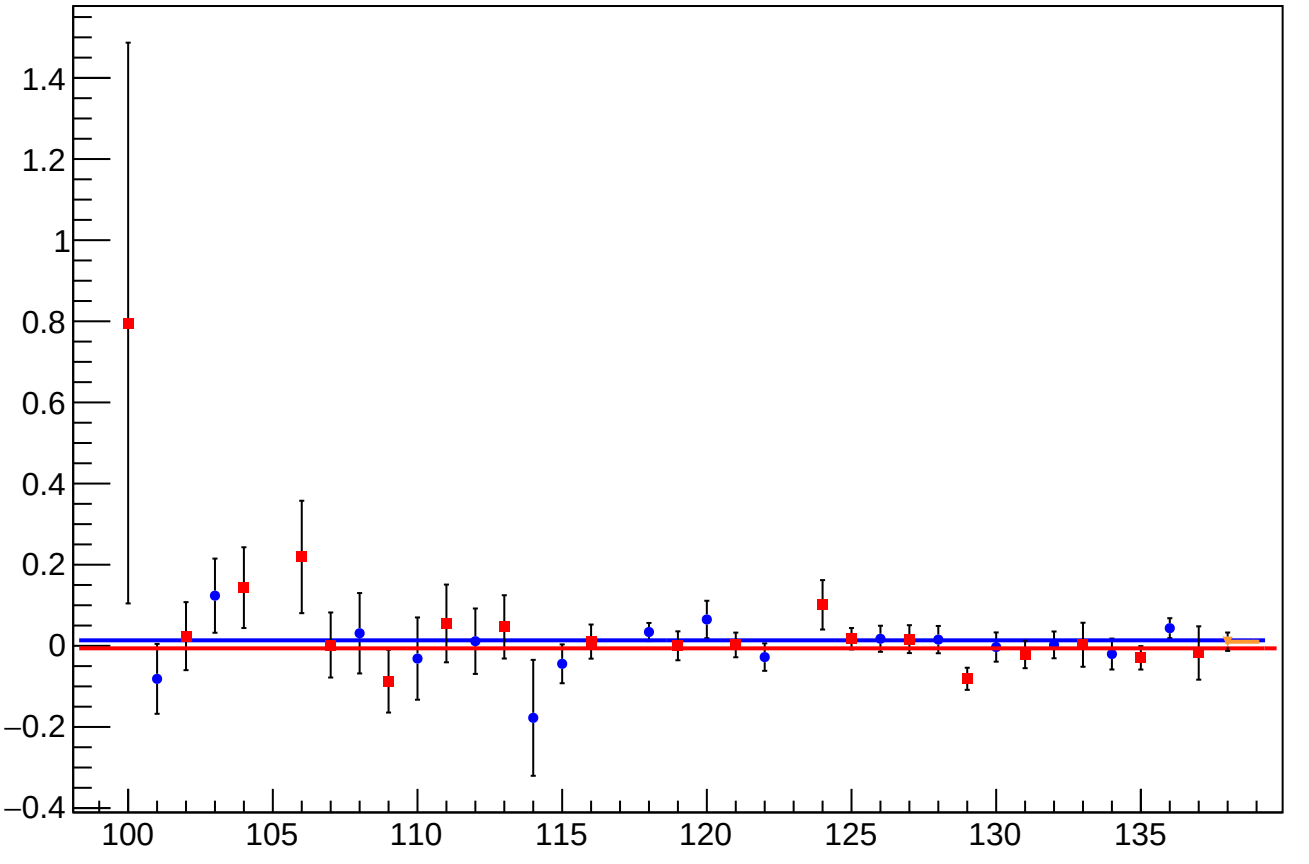
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 15.6/16

All: 0.000+/-0.000 χ^2/NDF: 33.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
100
105
110
115
120
125
130
135
Right In: 0.001+/-0.000 χ²/NDF: 7045313.7/15
Left Out: 0.003+/-0.000 χ²/NDF:0.0/0
Right Out: 0.001+/-0.000 χ²/NDF: 6796343.2/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.001+/-0.000 χ²/NDF: 7582364.5/16
All: 0.001+/-0.000 χ²/NDF: 14378840.5/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.014+/-0.010 χ^2/NDF: 12.3/15

Left Out: 0.010+/-0.023 χ^2/NDF:0.0/0

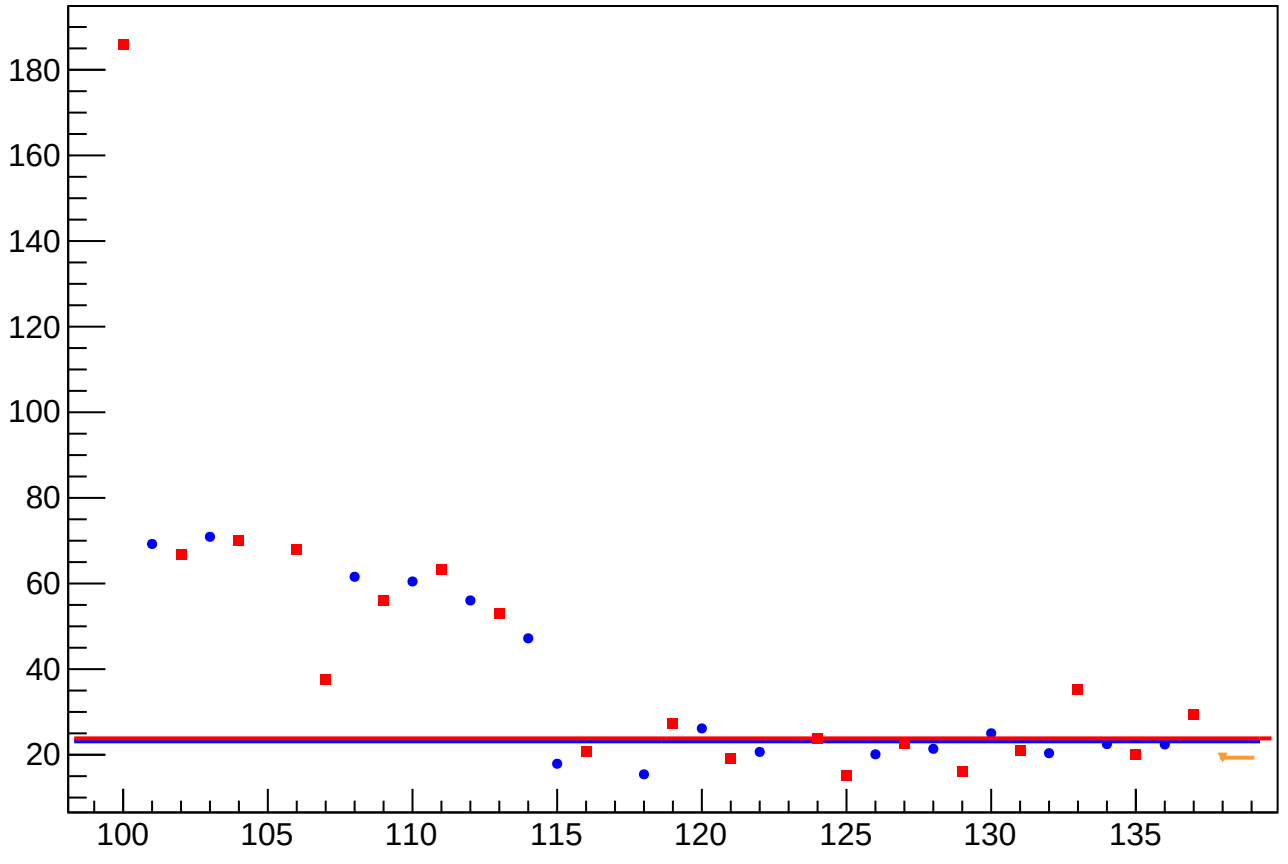
Right Out: -0.006+/-0.010 χ^2/NDF: 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.009 χ^2/NDF: 12.3/16

All: 0.004+/-0.007 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.144+/-0.007 χ^2/NDF: 2406451.1/15

Left Out: 19.317+/-0.016 χ^2/NDF:0.0/0

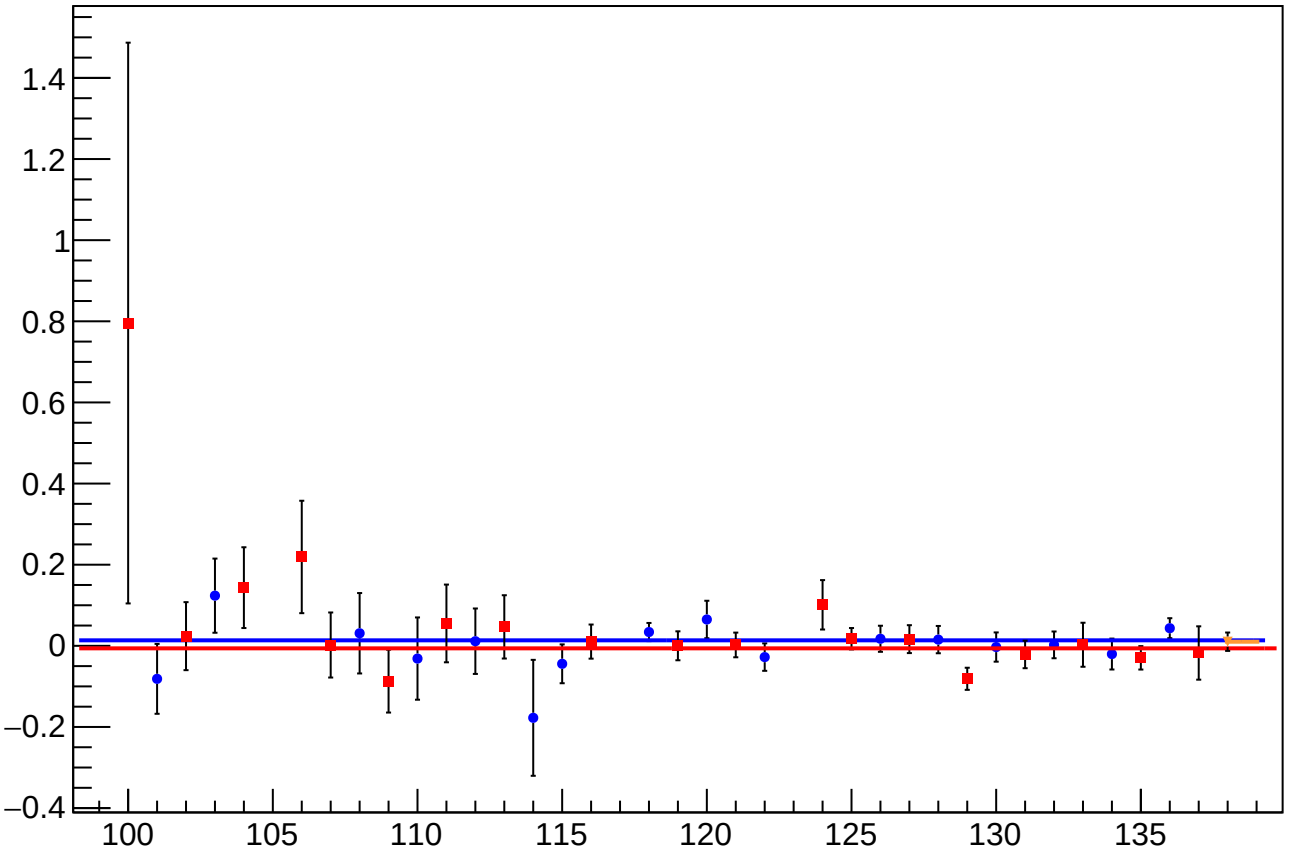
Right Out: 23.824+/-0.007 χ^2/NDF: 2898863.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.536+/-0.006 χ^2/NDF: 2454433.5/16

All: 23.110+/-0.005 χ^2/NDF: 5371444.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.014+/-0.010 χ^2/NDF: 12.3/15

Left Out: 0.010+/-0.023 χ^2/NDF:0.0/0

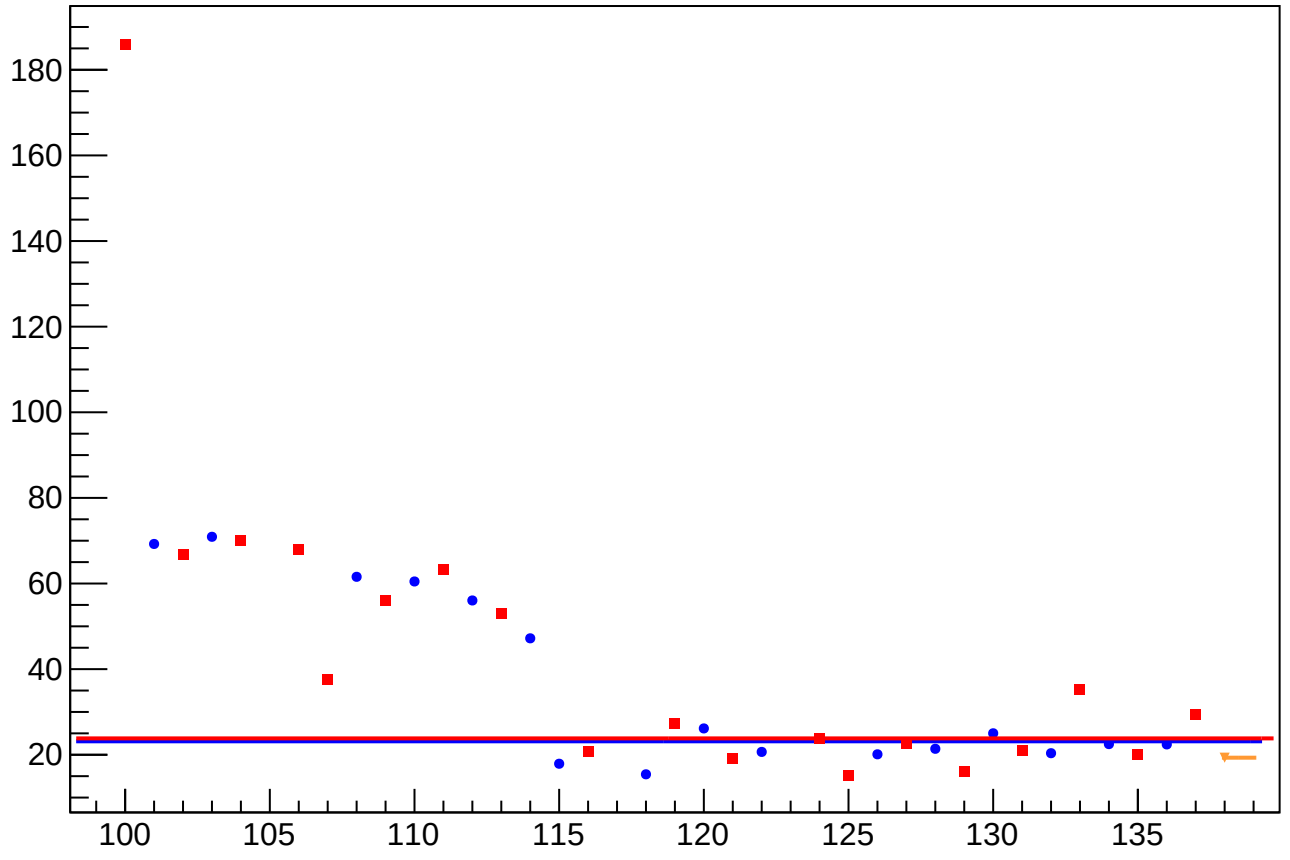
Right Out: -0.006+/-0.010 χ^2/NDF: 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.013+/-0.009 χ^2/NDF: 12.3/16

All: 0.004+/-0.007 χ^2/NDF: 35.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 23.144+/-0.007 χ^2/NDF: 2406451.1/15

Left Out: 19.317+/-0.016 χ^2/NDF:0.0/0

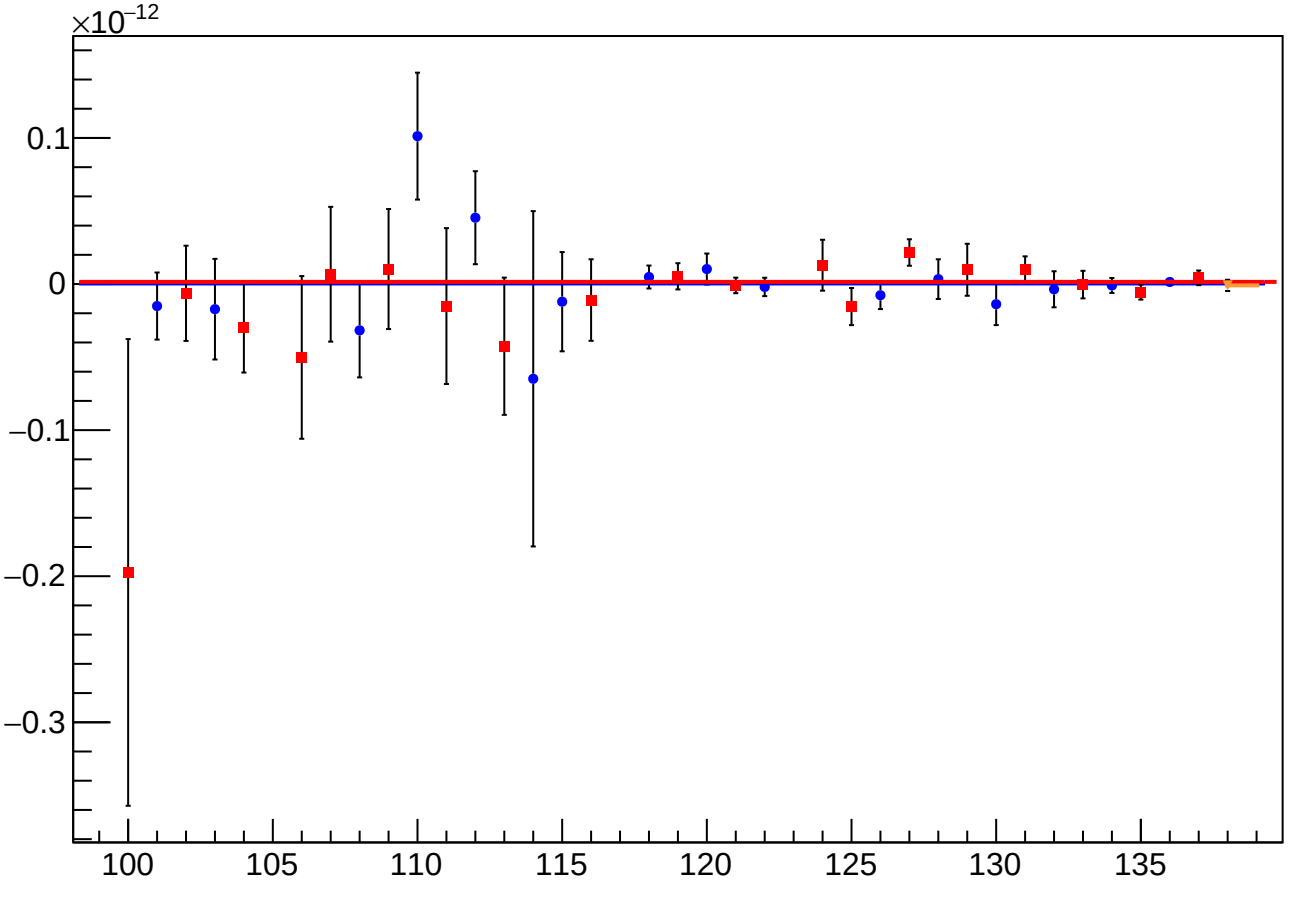
Right Out: 23.824+/-0.007 χ^2/NDF: 2898863.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.536+/-0.006 χ^2/NDF: 2454433.5/16

All: 23.110+/-0.005 χ^2/NDF: 5371444.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 12.9/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

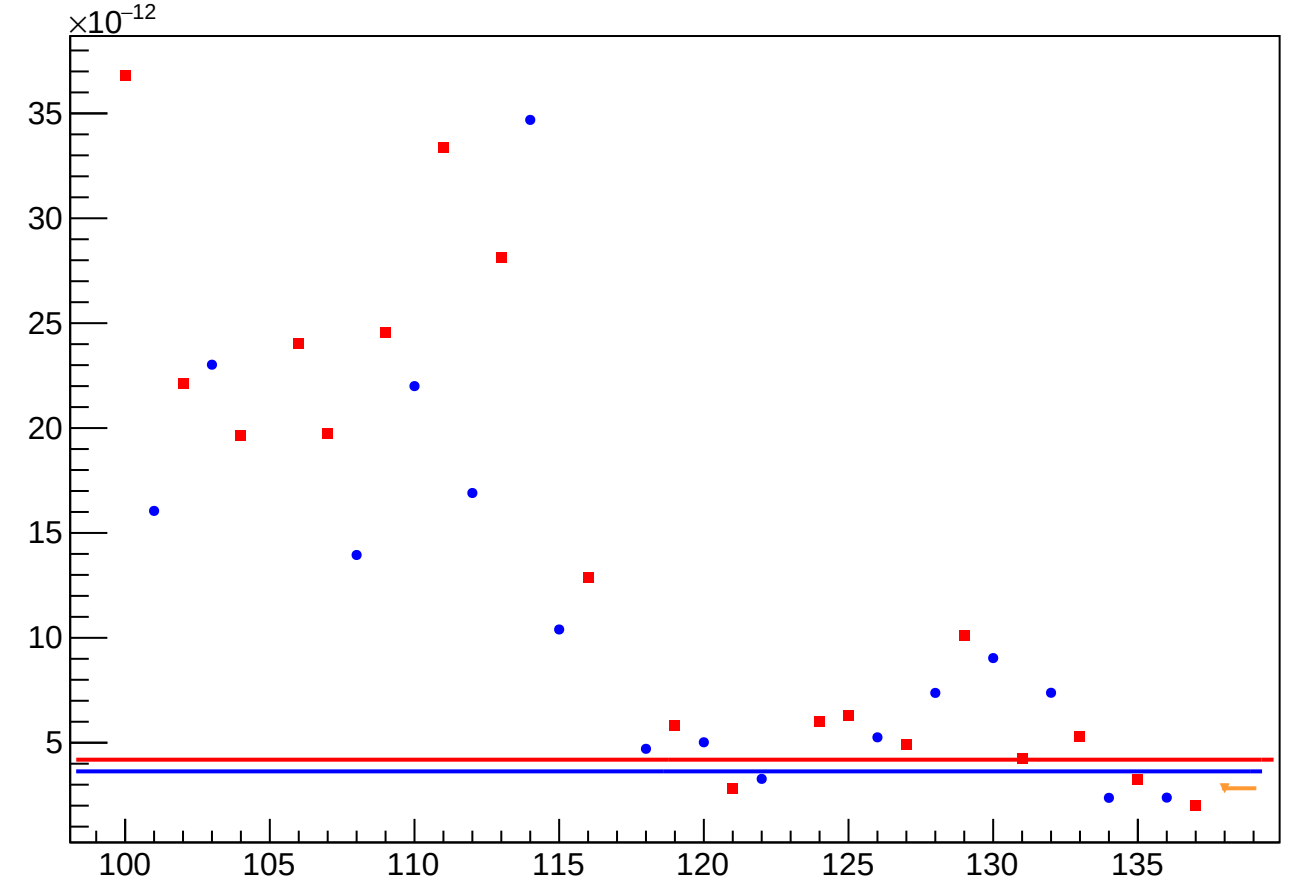
Right Out: 0.000+/-0.000 χ^2/NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 13.0/16

All: 0.000+/-0.000 χ^2/NDF: 28.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 3590314.4/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 4454808.3/18

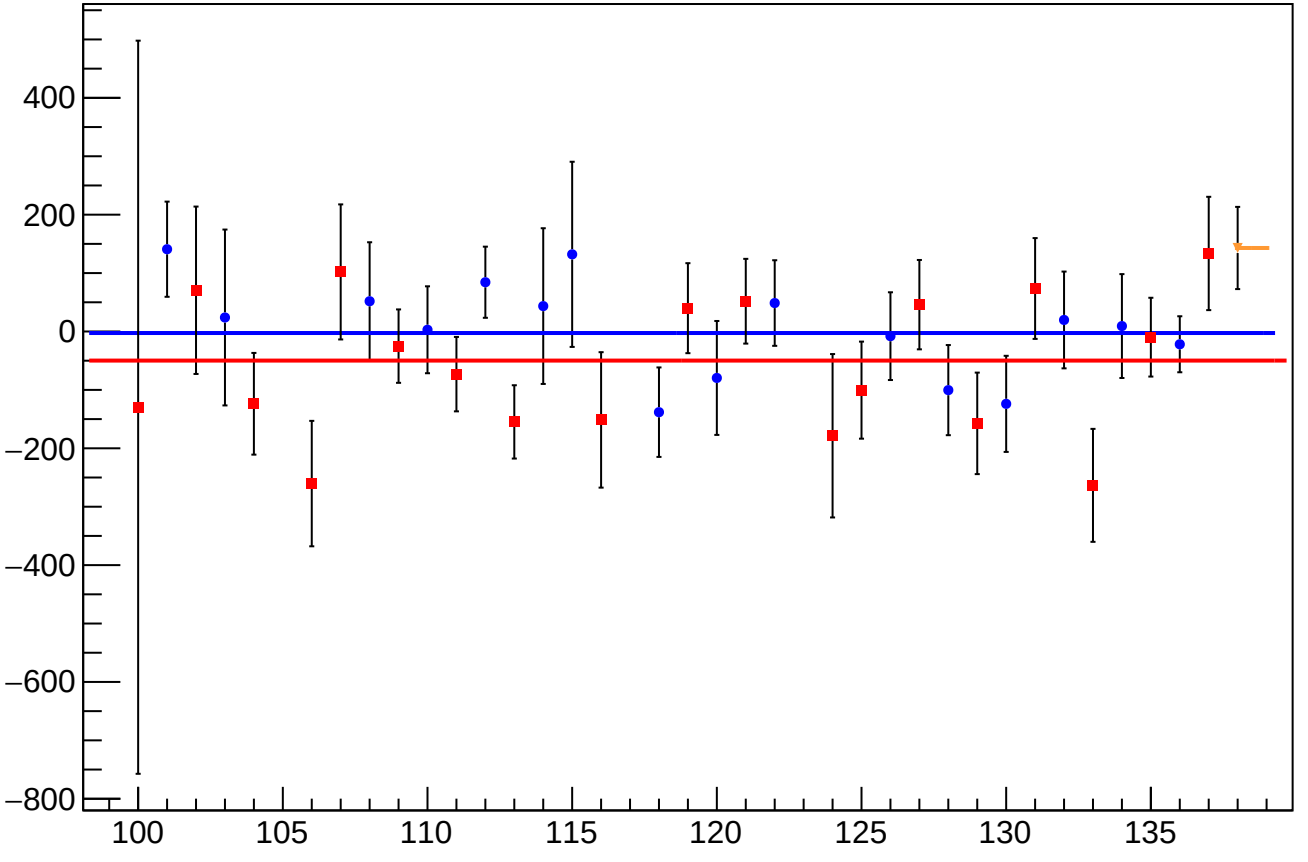
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 3658656.6/16

All: 0.000+/-0.000 χ^2/NDF: 8235969.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: -2.614+/-19.994 χ^2/NDF: 14.6/15

Left Out: 142.969+/-70.370 χ^2/NDF:0.0/0

Right Out: -49.810+/-19.621 χ^2/NDF: 29.4/18

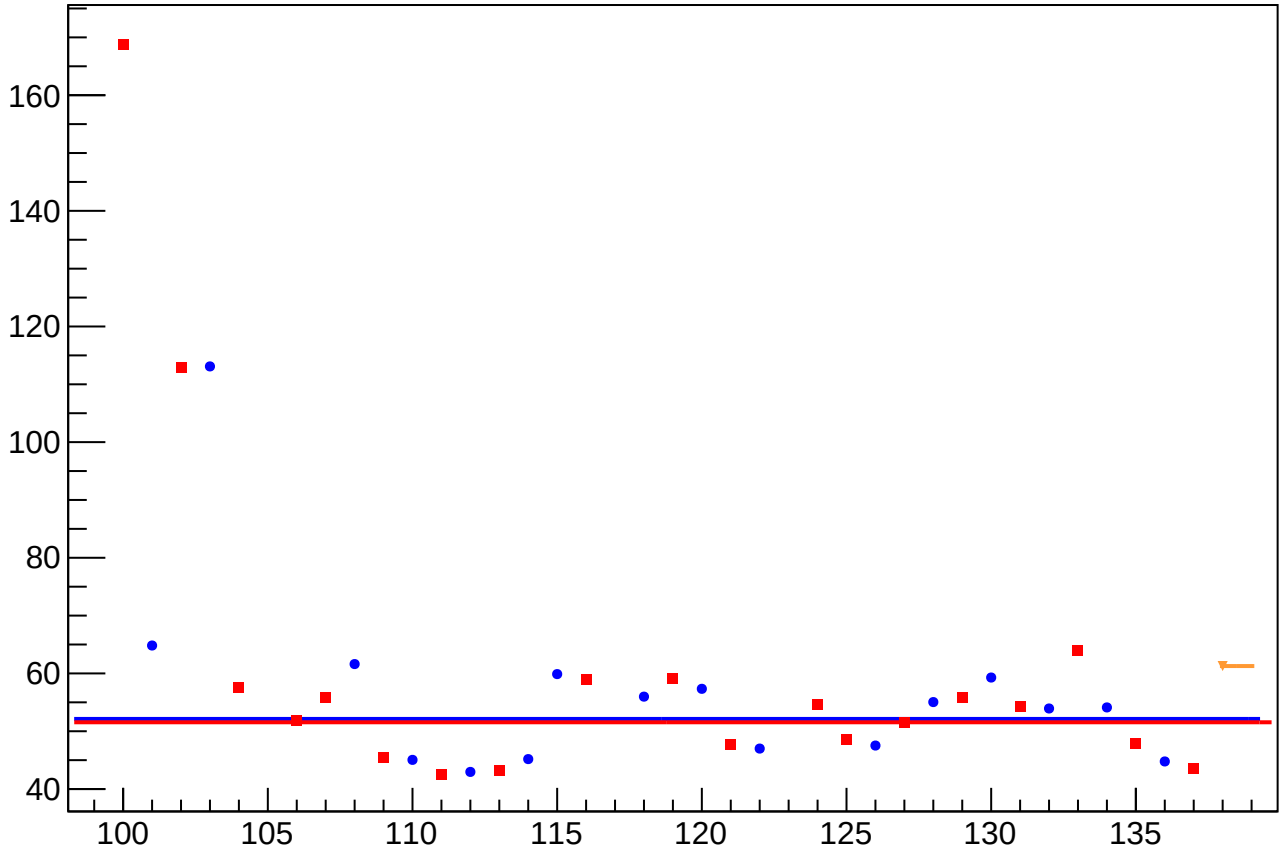
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.261+/-19.233 χ^2/NDF: 18.5/16

All: -20.195+/-13.735 χ^2/NDF: 52.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 52.128+/-0.014 χ^2/NDF: 562918.0/15

Left Out: 61.274+/-0.050 χ^2/NDF:0.0/0

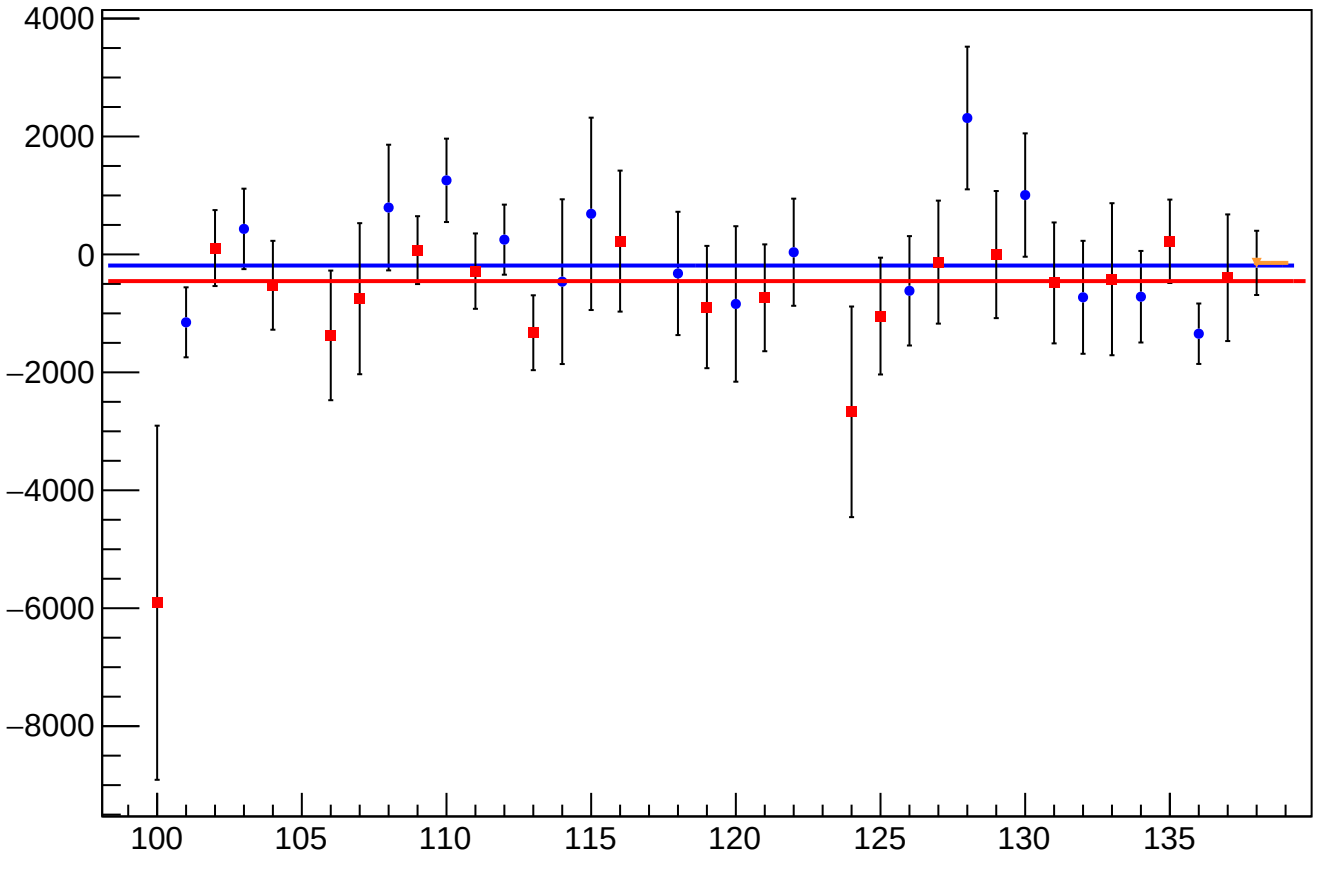
Right Out: 51.550+/-0.014 χ^2/NDF: 639564.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.812+/-0.014 χ^2/NDF: 594172.3/16

All: 52.193+/-0.010 χ^2/NDF: 1237955.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -188.563+/-205.811 χ^2/NDF: 21.4/15

Left Out: -143.597+/-544.673 χ^2/NDF:0.0/0

Right Out: -452.540+/-203.918 χ^2/NDF: 11.3/18

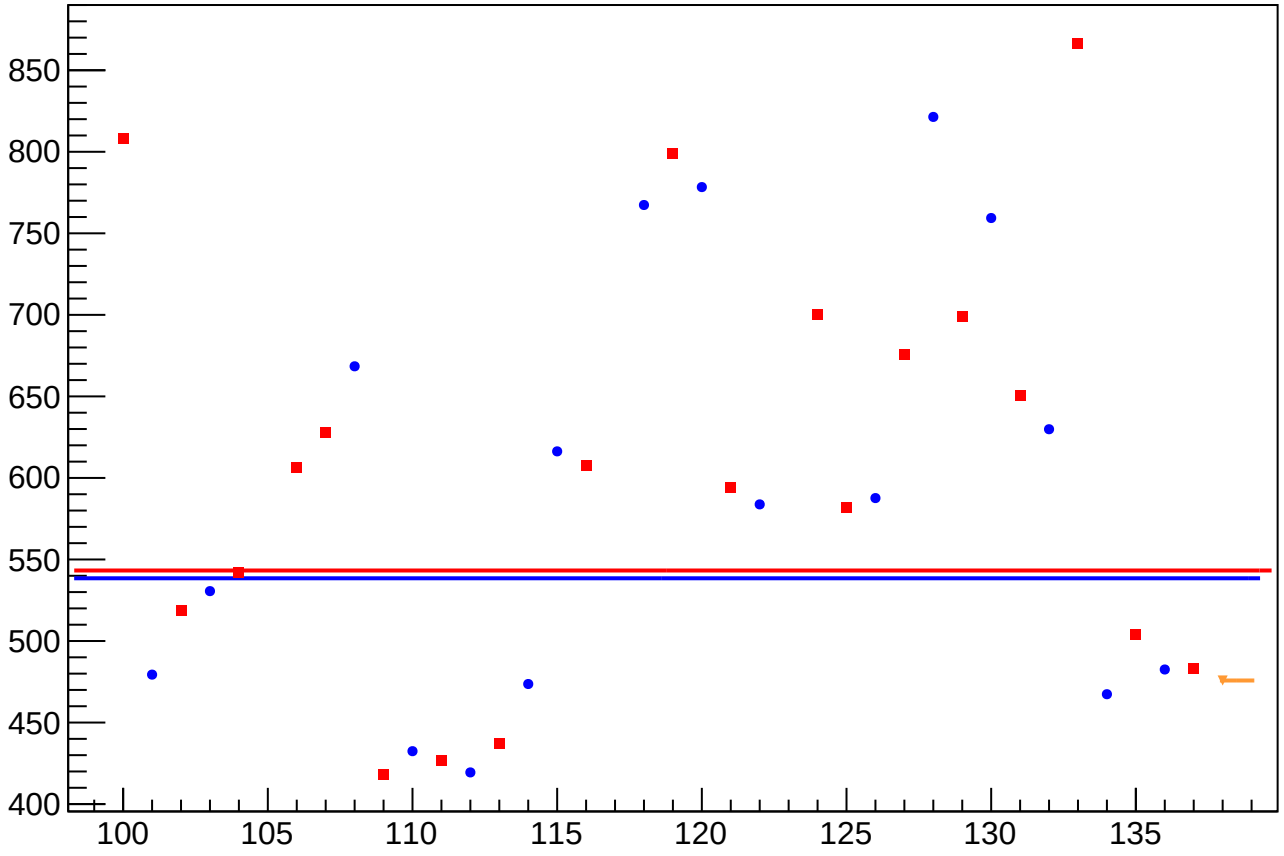
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -182.945+/-192.525 χ^2/NDF: 21.4/16

All: -310.001+/-139.990 χ^2/NDF: 33.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 538.468+/-0.146 χ^2/NDF: 613995.2/15

Left Out: 475.787+/-0.385 χ^2/NDF:0.0/0

Right Out: 543.242+/-0.144 χ^2/NDF: 637115.5/18

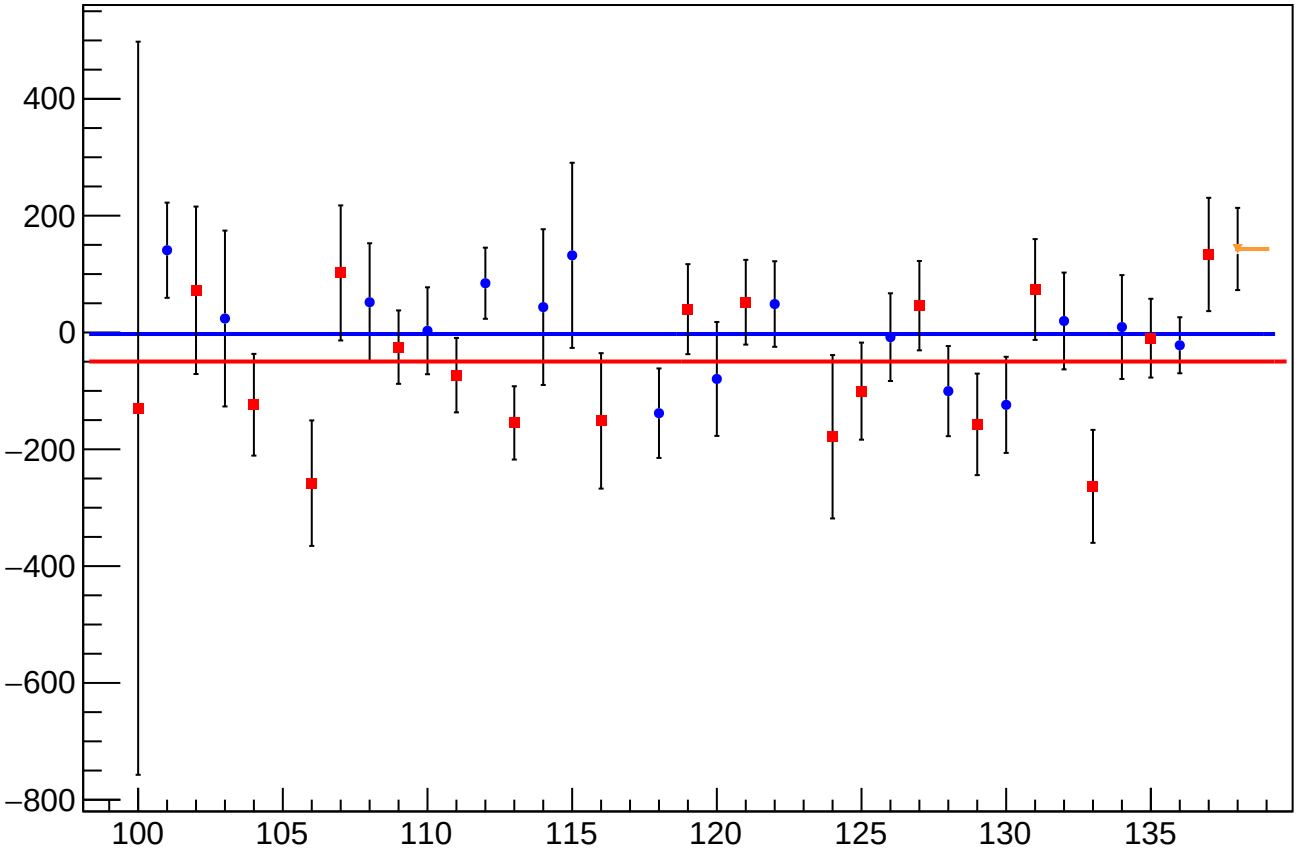
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 530.636+/-0.136 χ^2/NDF: 637172.5/16

All: 536.577+/-0.099 χ^2/NDF: 1278328.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: -2.618+/-19.995 χ^2/NDF: 14.6/15

Left Out: 142.962+/-70.370 χ^2/NDF:0.0/0

Right Out: -49.694+/-19.622 χ^2/NDF: 29.3/18

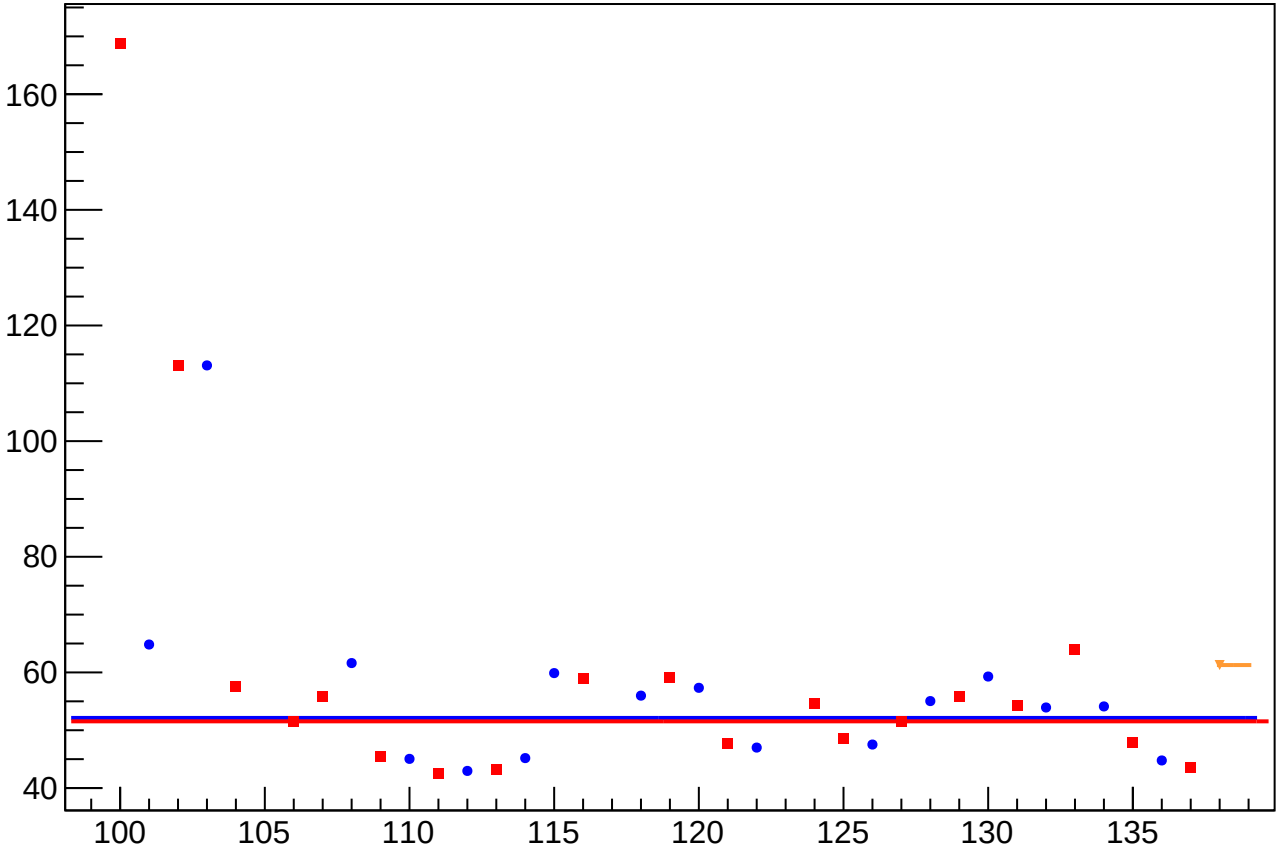
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.257+/-19.233 χ^2/NDF: 18.6/16

All: -20.139+/-13.735 χ^2/NDF: 52.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 52.128+/-0.014 χ^2/NDF: 562920.3/15

Left Out: 61.274+/-0.050 χ^2/NDF:0.0/0

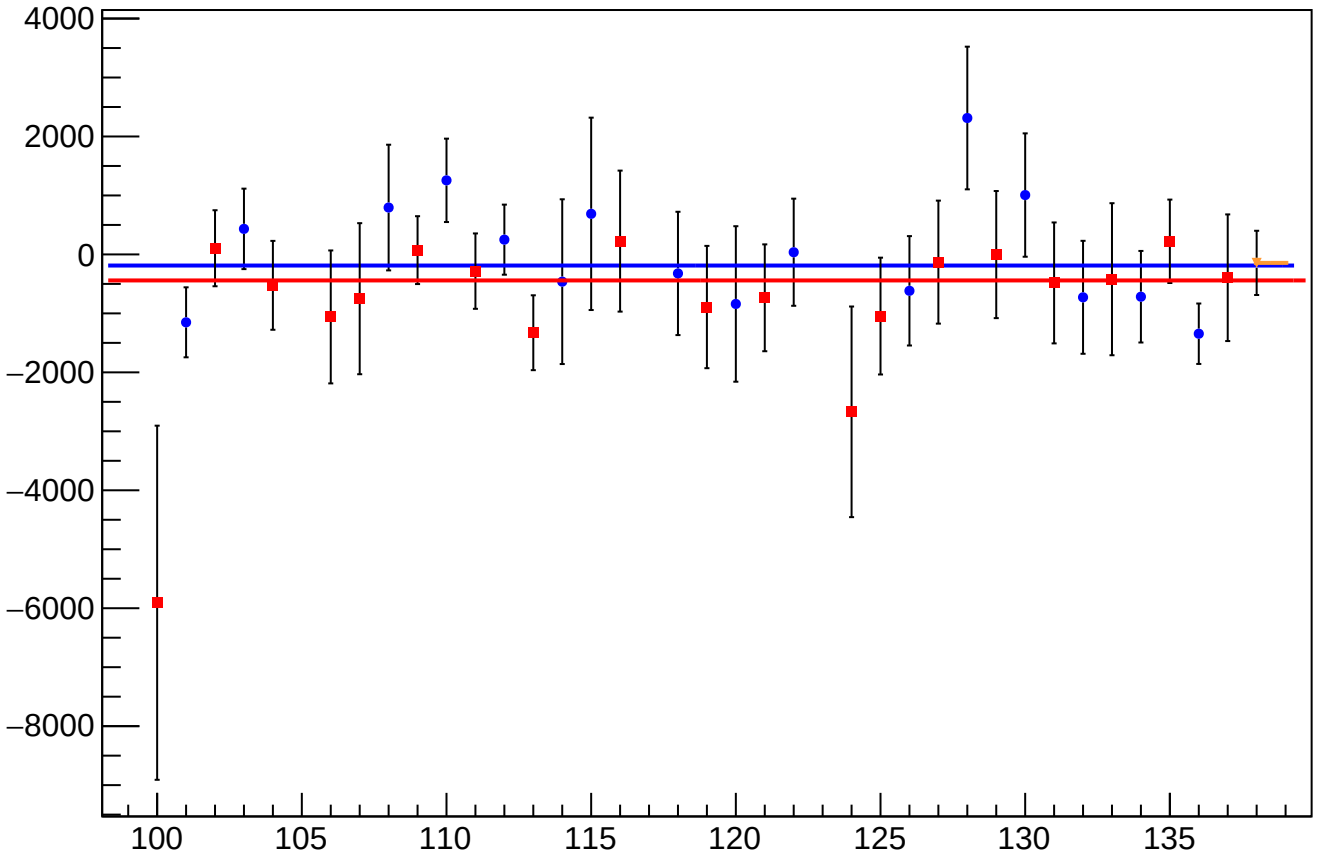
Right Out: 51.540+/-0.014 χ^2/NDF: 639784.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.812+/-0.014 χ^2/NDF: 594174.6/16

All: 52.188+/-0.010 χ^2/NDF: 1238246.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -188.541+/-205.813 χ^2/NDF: 21.4/15

Left Out: -143.605+/-544.673 χ^2/NDF:0.0/0

Right Out: -441.171+/-204.111 χ^2/NDF: 10.9/18

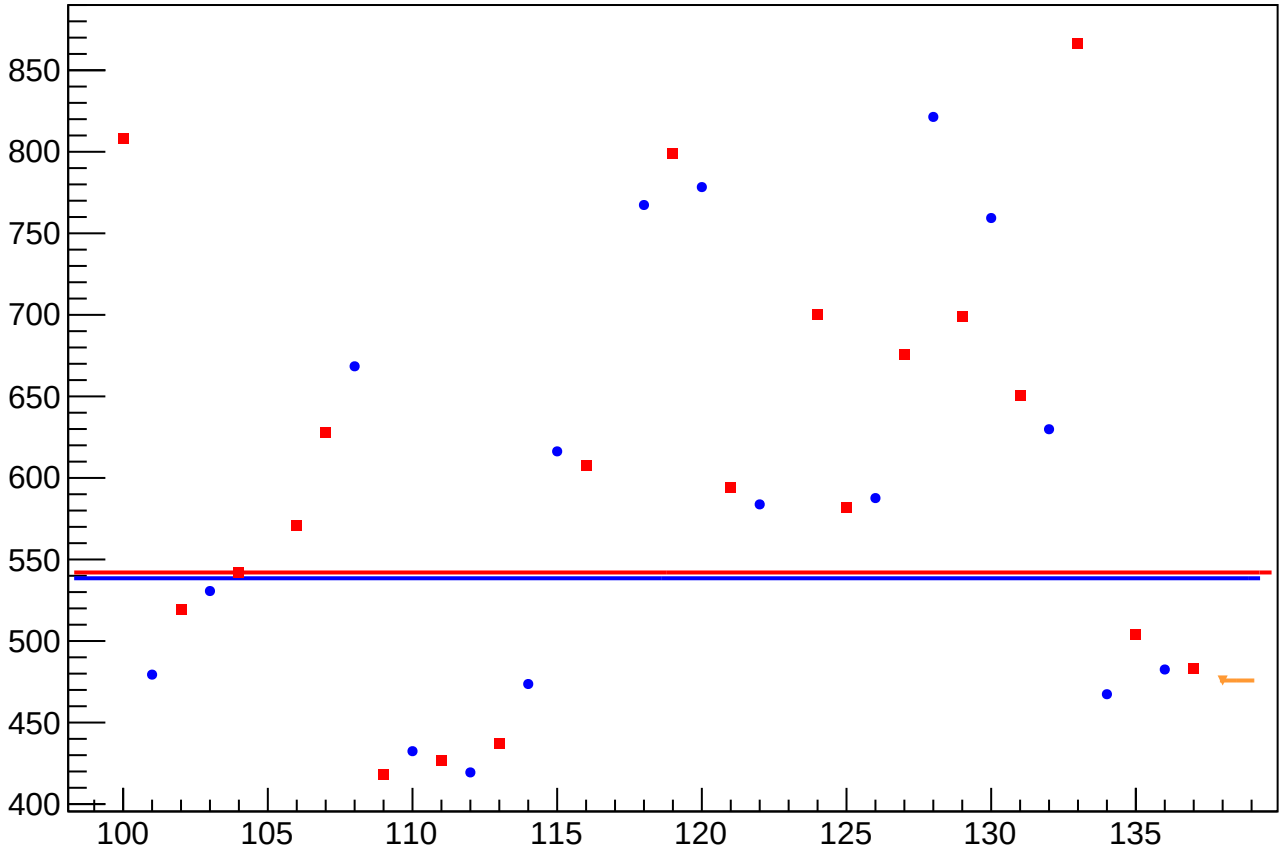
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -182.926+/-192.527 χ^2/NDF: 21.4/16

All: -304.513+/-140.053 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 538.473+/-0.146 χ^2/NDF: 613991.3/15

Left Out: 475.786+/-0.385 χ^2/NDF:0.0/0

Right Out: 542.025+/-0.144 χ^2/NDF: 631559.6/18

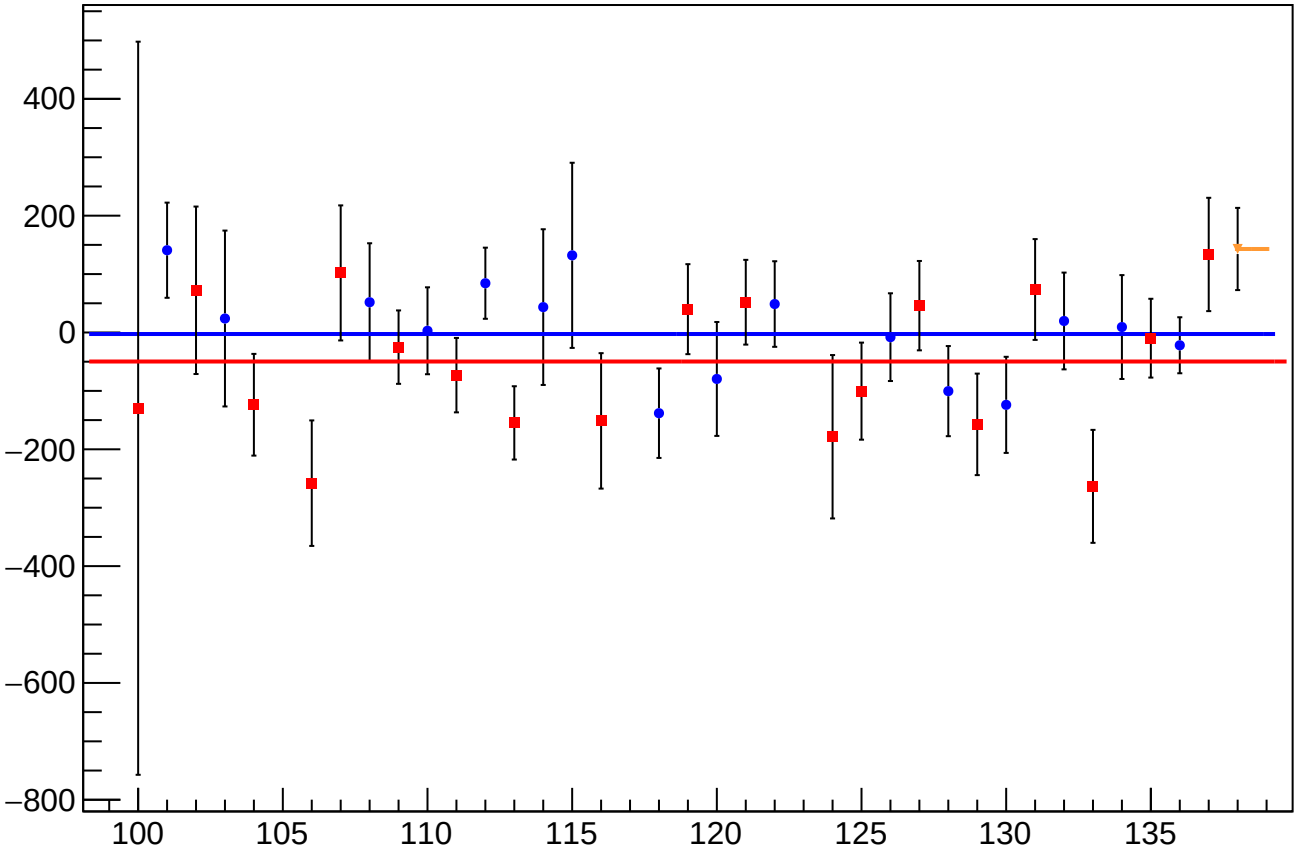
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 530.641+/-0.136 χ^2/NDF: 637172.8/16

All: 536.001+/-0.099 χ^2/NDF: 1272025.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_mean vs Slug



Right In: -2.618+/-19.995 χ^2/NDF: 14.6/15

Left Out: 142.962+/-70.370 χ^2/NDF:0.0/0

Right Out: -49.694+/-19.622 χ^2/NDF: 29.3/18

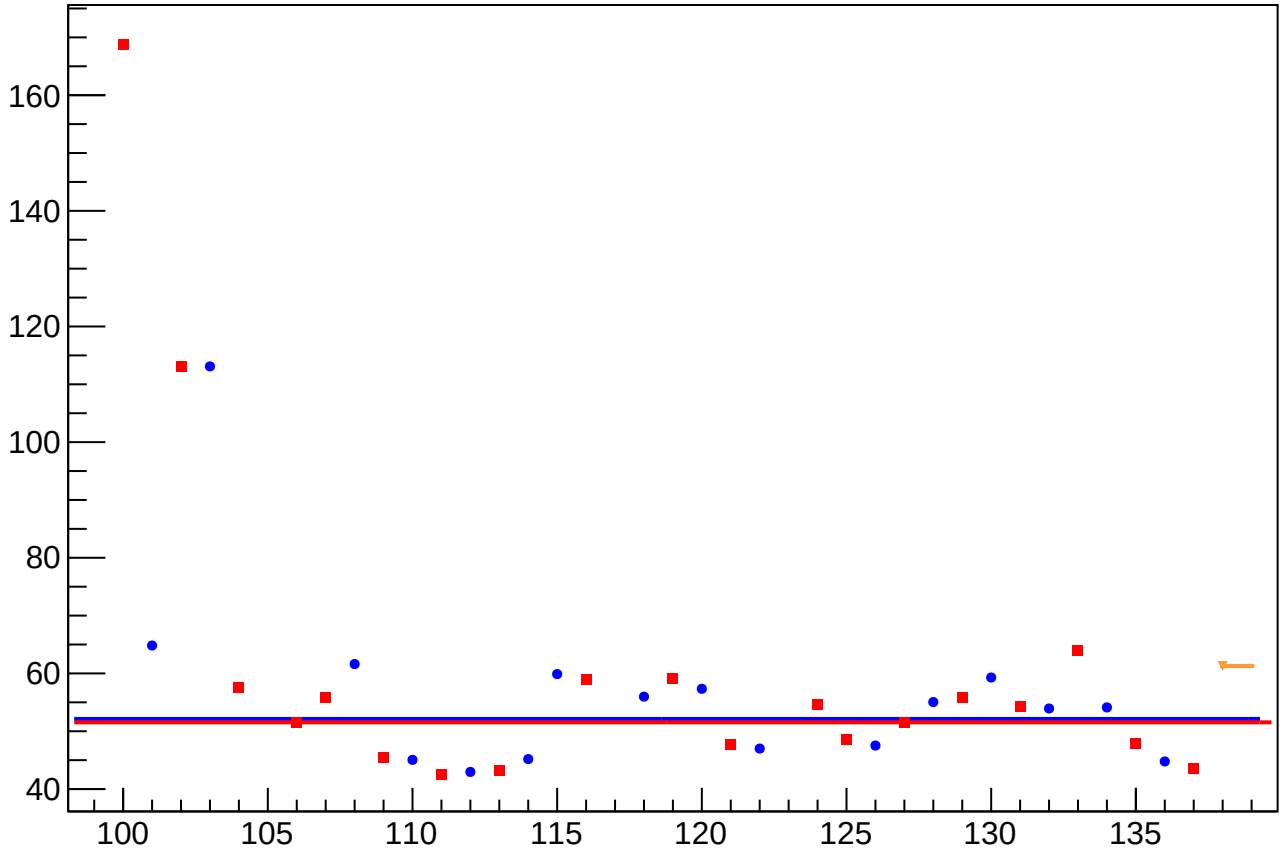
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.257+/-19.233 χ^2/NDF: 18.6/16

All: -20.139+/-13.735 χ^2/NDF: 52.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 52.128+/-0.014 χ^2/NDF: 562920.3/15

Left Out: 61.274+/-0.050 χ^2/NDF:0.0/0

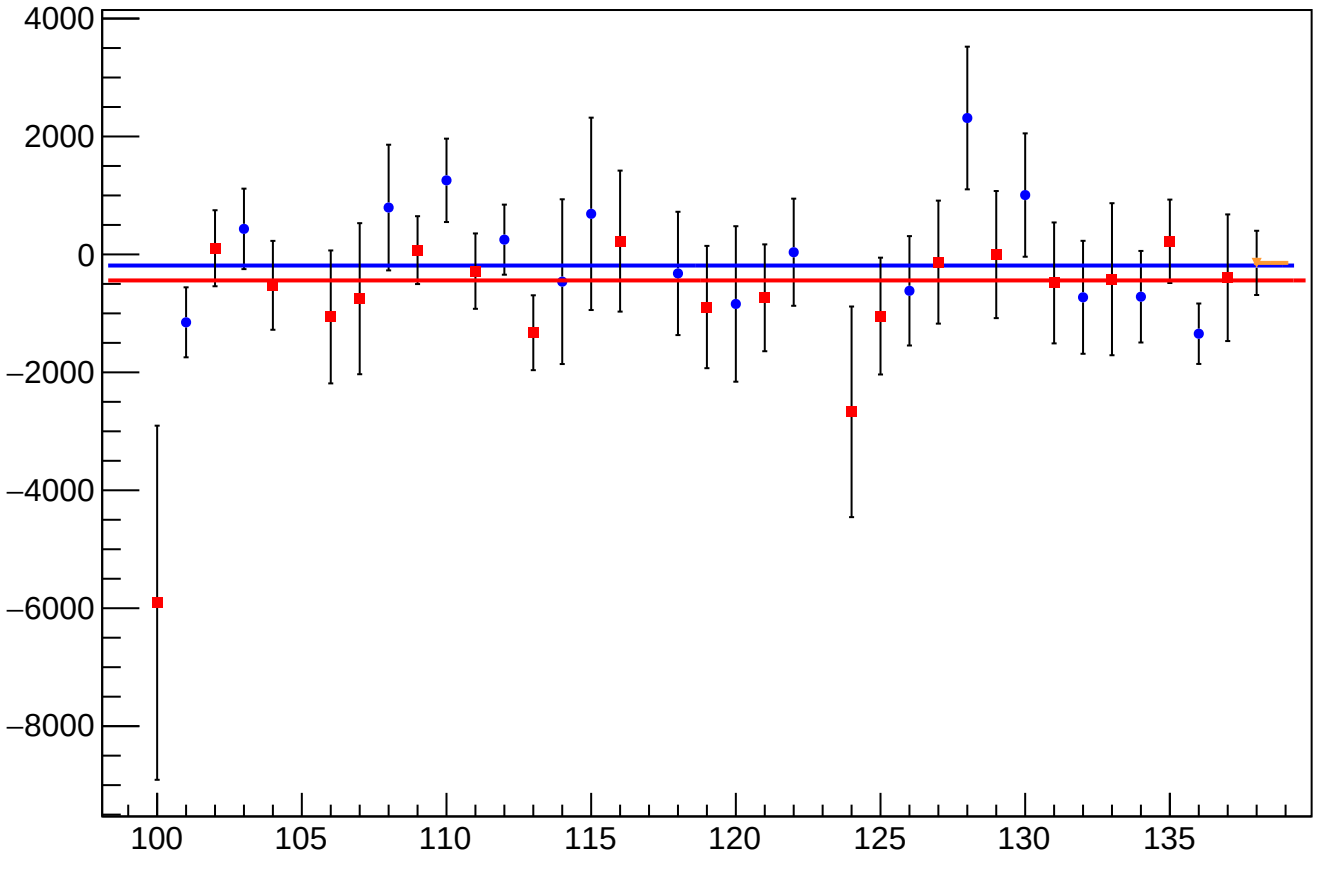
Right Out: 51.540+/-0.014 χ^2/NDF: 639784.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 52.812+/-0.014 χ^2/NDF: 594174.6/16

All: 52.188+/-0.010 χ^2/NDF: 1238246.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -188.541+/-205.813 χ^2/NDF: 21.4/15

Left Out: -143.605+/-544.673 χ^2/NDF:0.0/0

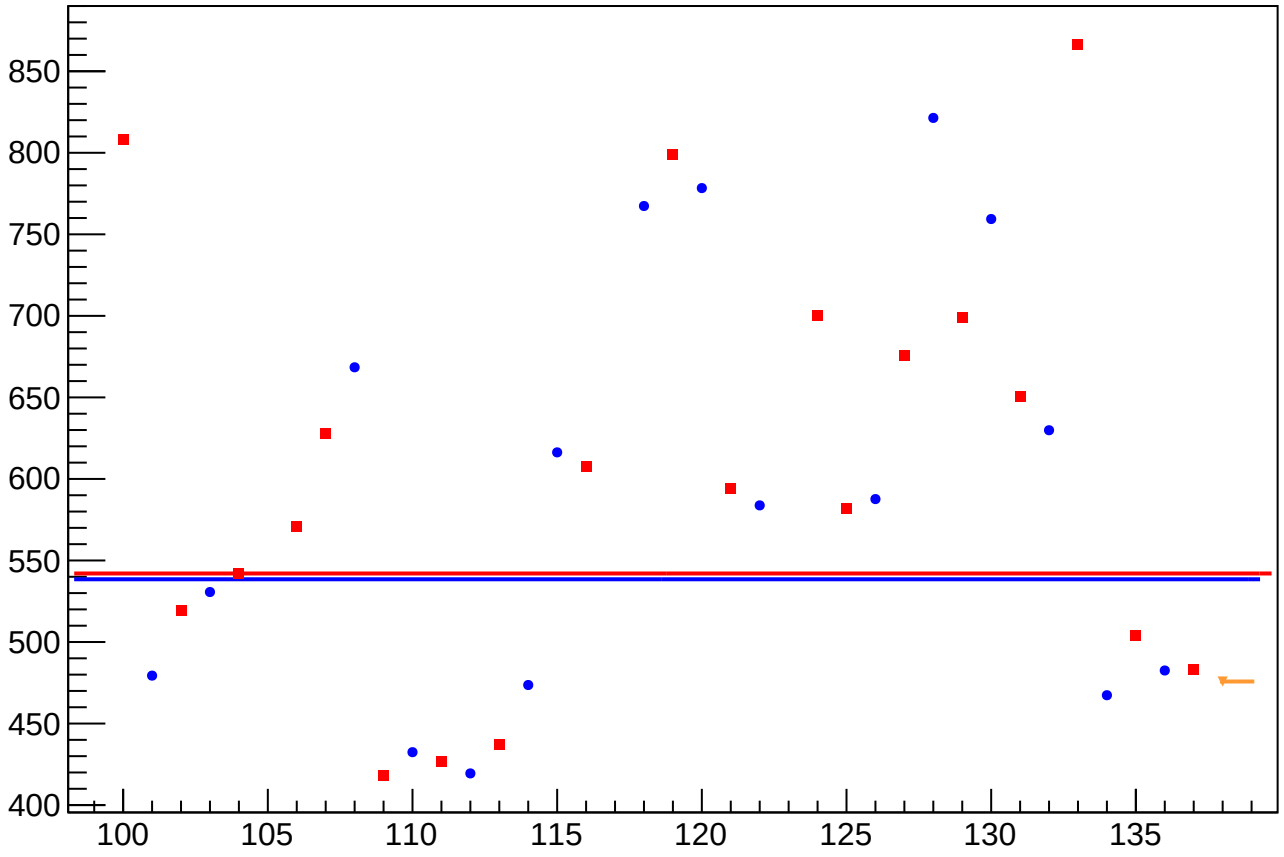
Right Out: -441.171+/-204.111 χ^2/NDF: 10.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -182.926+/-192.527 χ^2/NDF: 21.4/16

All: -304.513+/-140.053 χ^2/NDF: 33.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 538.473+/-0.146 χ^2/NDF: 613991.3/15

Left Out: 475.786+/-0.385 χ^2/NDF:0.0/0

Right Out: 542.025+/-0.144 χ^2/NDF: 631559.6/18

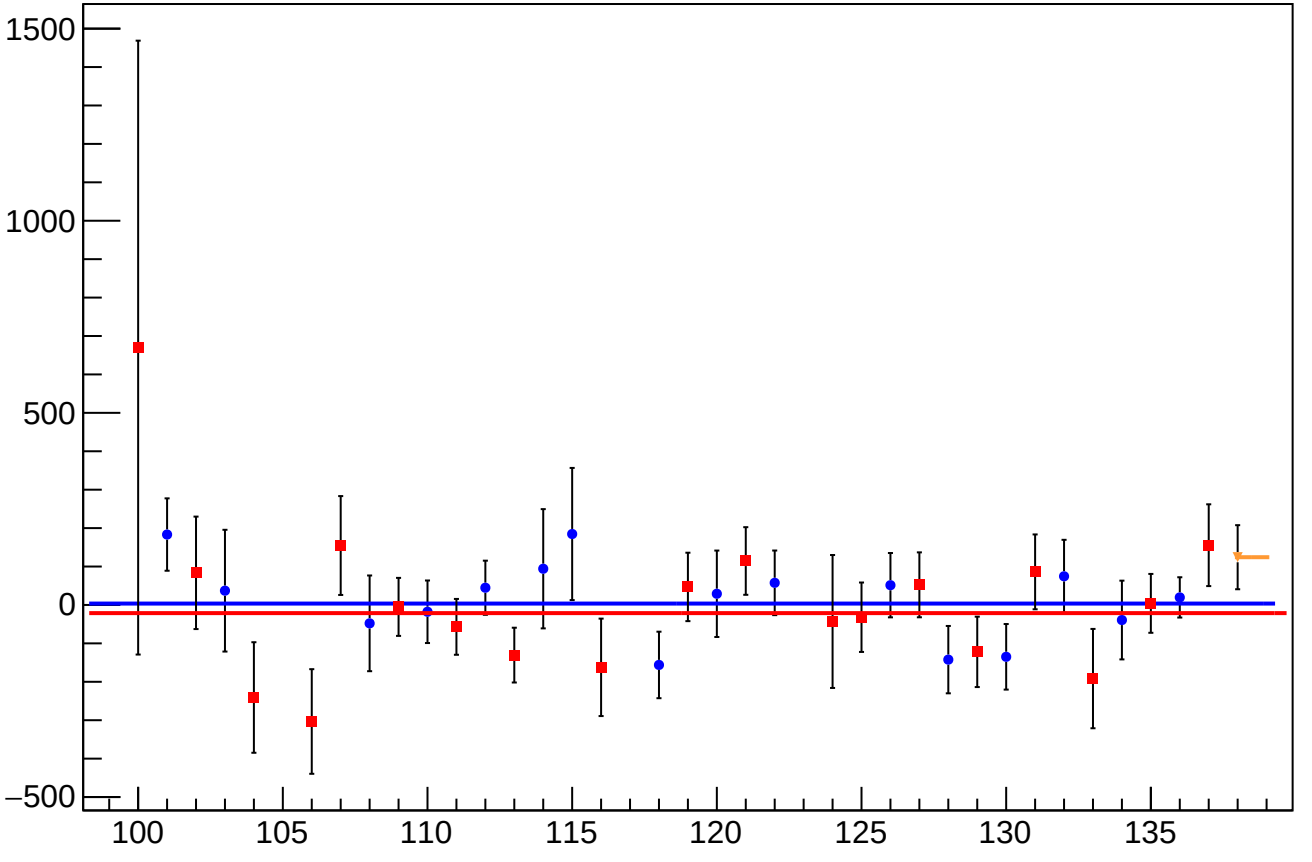
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 530.641+/-0.136 χ^2/NDF: 637172.8/16

All: 536.001+/-0.099 χ^2/NDF: 1272025.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 3.597+/-22.480 χ^2/NDF: 16.1/15

Left Out: 124.264+/-83.381 χ^2/NDF:0.0/0

Right Out: -21.253+/-22.769 χ^2/NDF: 24.4/18

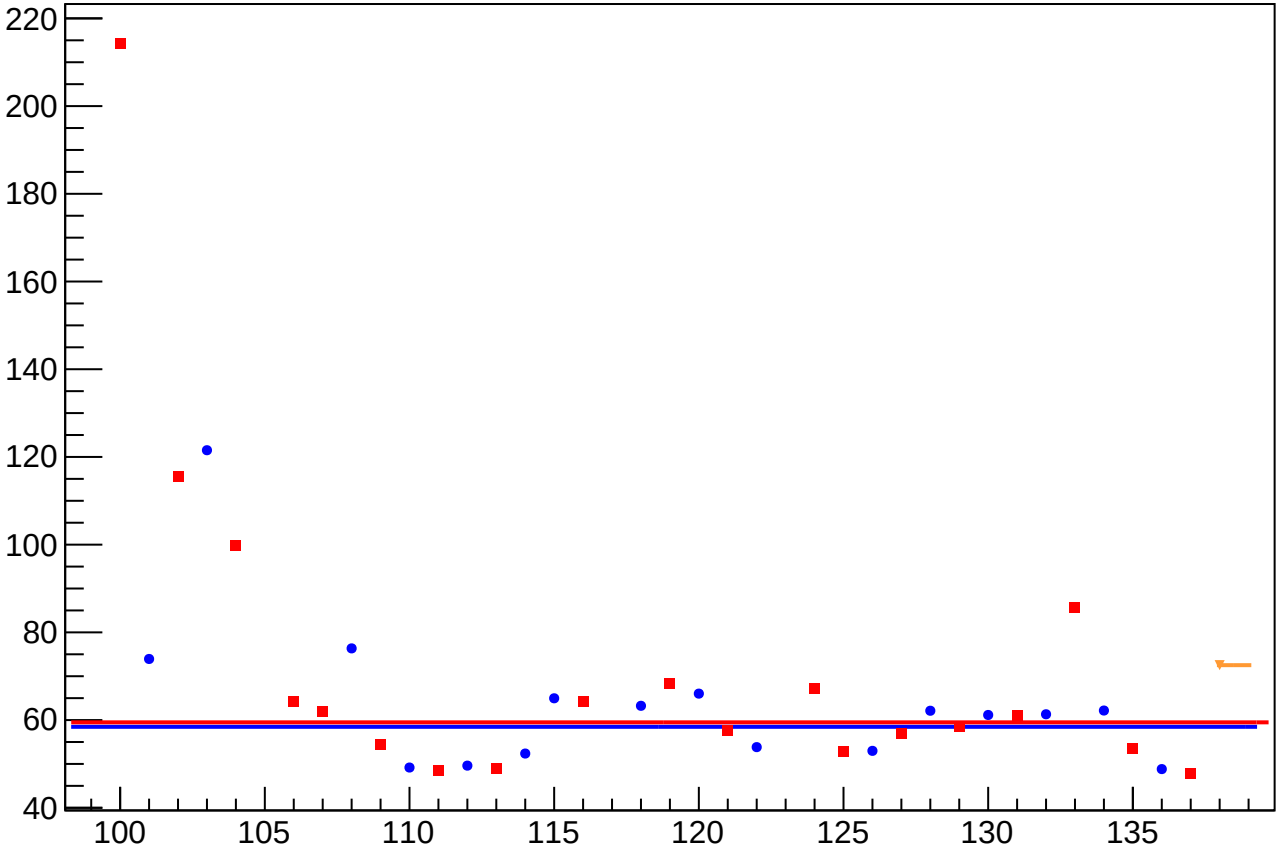
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.774+/-21.705 χ^2/NDF: 18.1/16

All: -3.950+/-15.710 χ^2/NDF: 43.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 58.465+/-0.016 χ^2/NDF: 582984.2/15

Left Out: 72.521+/-0.059 χ^2/NDF:0.0/0

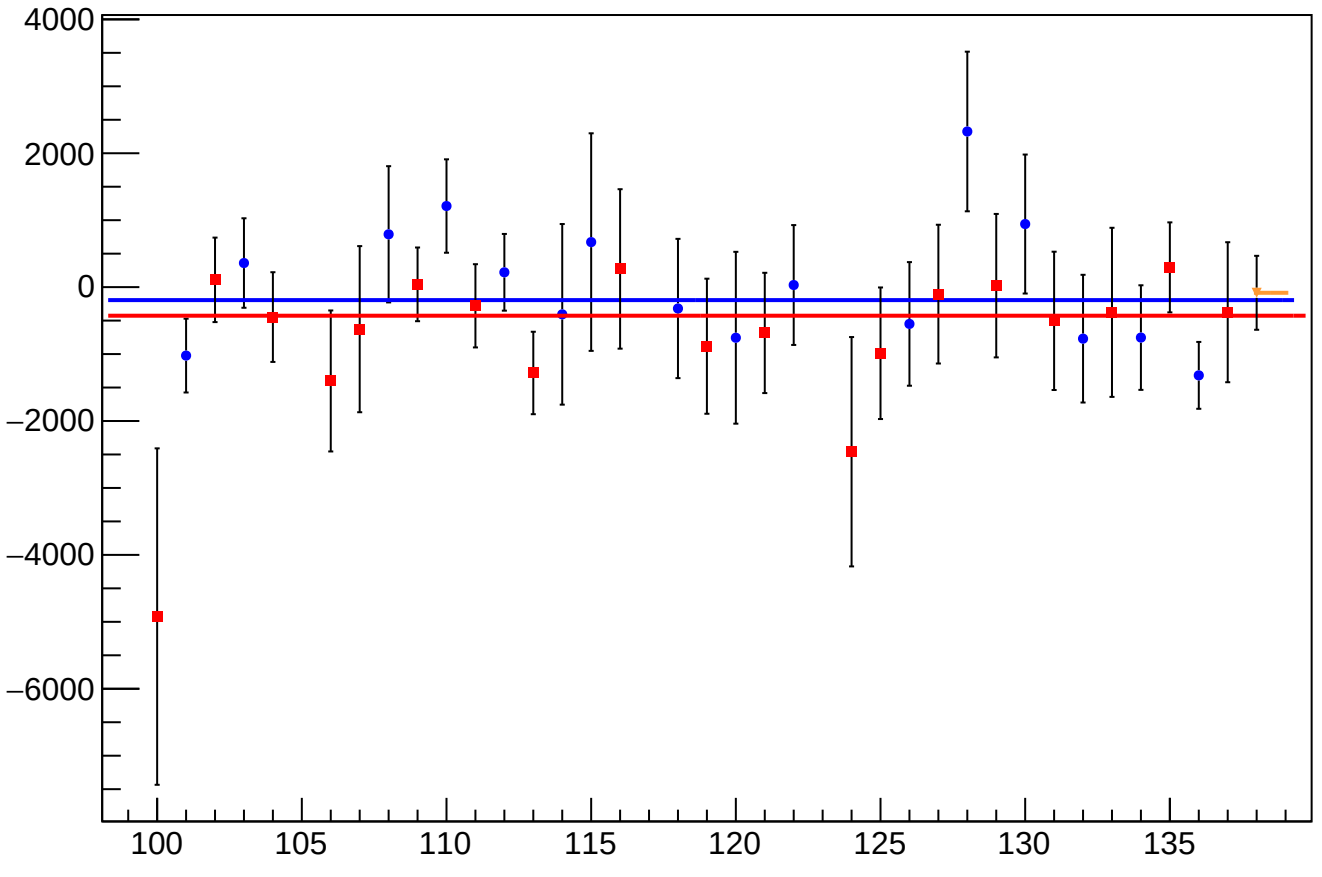
Right Out: 59.484+/-0.016 χ^2/NDF: 784880.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.418+/-0.015 χ^2/NDF: 635967.2/16

All: 59.449+/-0.011 χ^2/NDF: 1420856.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -193.899+/-200.604 χ^2/NDF: 20.8/15

Left Out: -84.732+/-552.326 χ^2/NDF:0.0/0

Right Out: -426.977+/-197.005 χ^2/NDF: 11.3/18

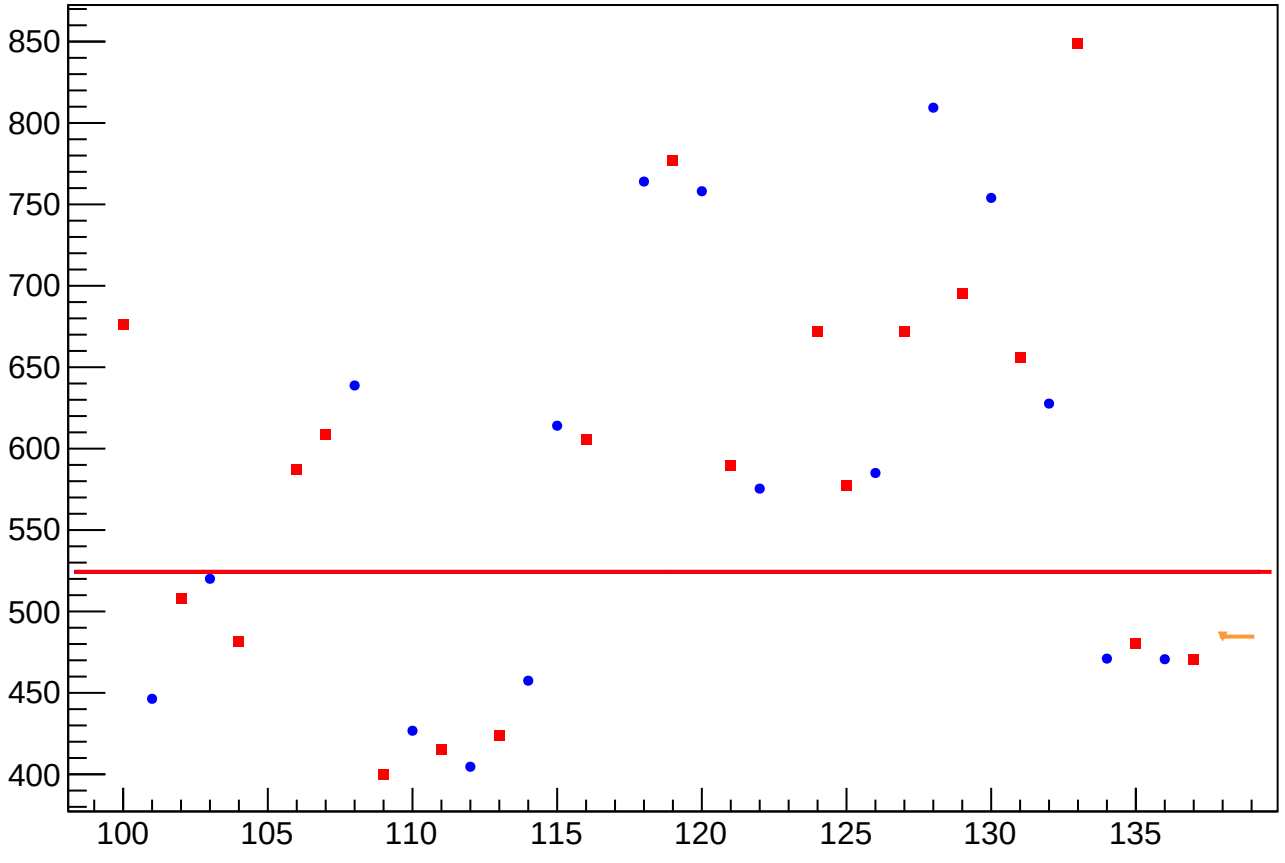
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -181.177+/-188.552 χ^2/NDF: 20.8/16

All: -298.691+/-136.217 χ^2/NDF: 33.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 524.326+/-0.142 χ^2/NDF: 658488.5/15

Left Out: 484.569+/-0.391 χ^2/NDF:0.0/0

Right Out: 524.306+/-0.139 χ^2/NDF: 686061.2/18

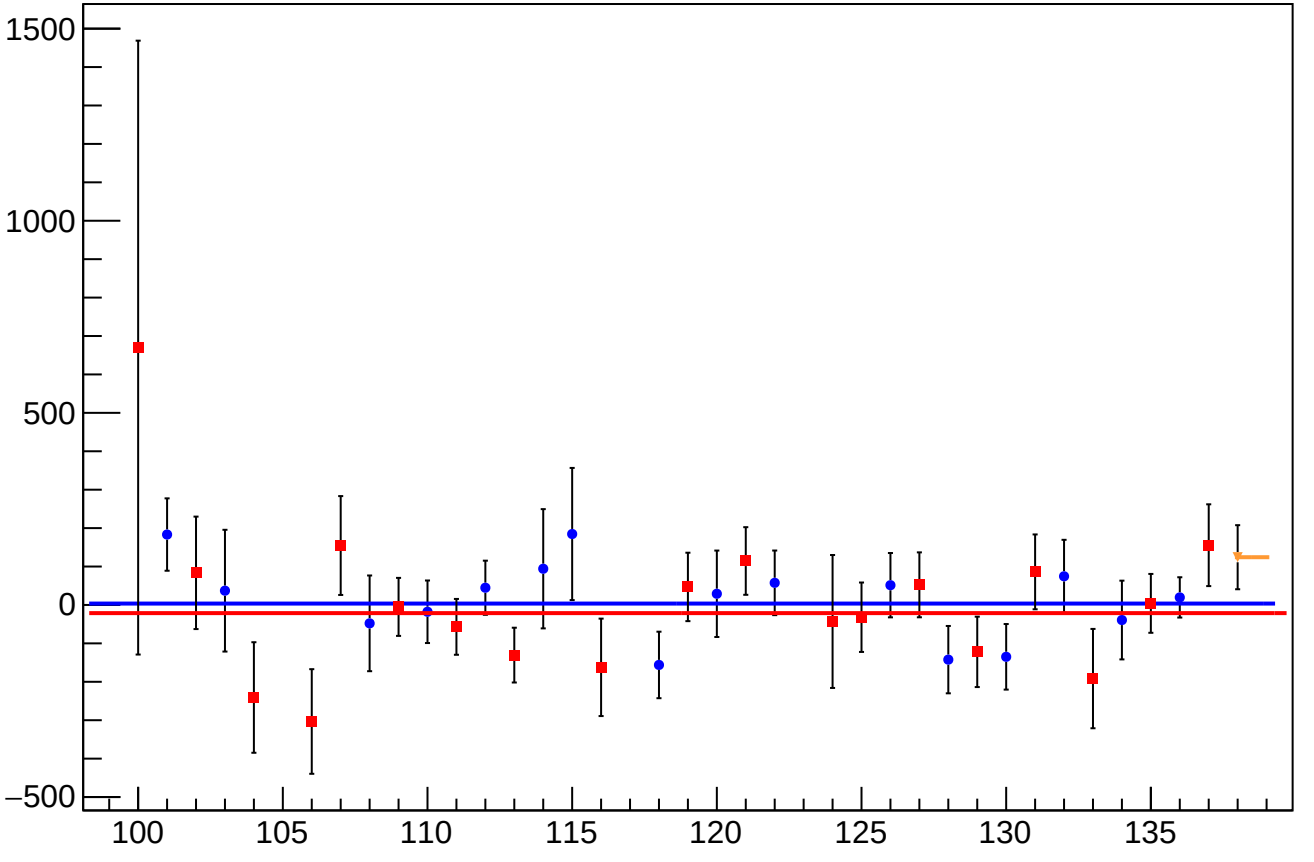
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 519.693+/-0.133 χ^2/NDF: 667643.5/16

All: 521.899+/-0.096 χ^2/NDF: 1354277.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: 3.597+/-22.480 χ^2/NDF: 16.1/15

Left Out: 124.259+/-83.381 χ^2/NDF:0.0/0

Right Out: -21.251+/-22.769 χ^2/NDF: 24.4/18

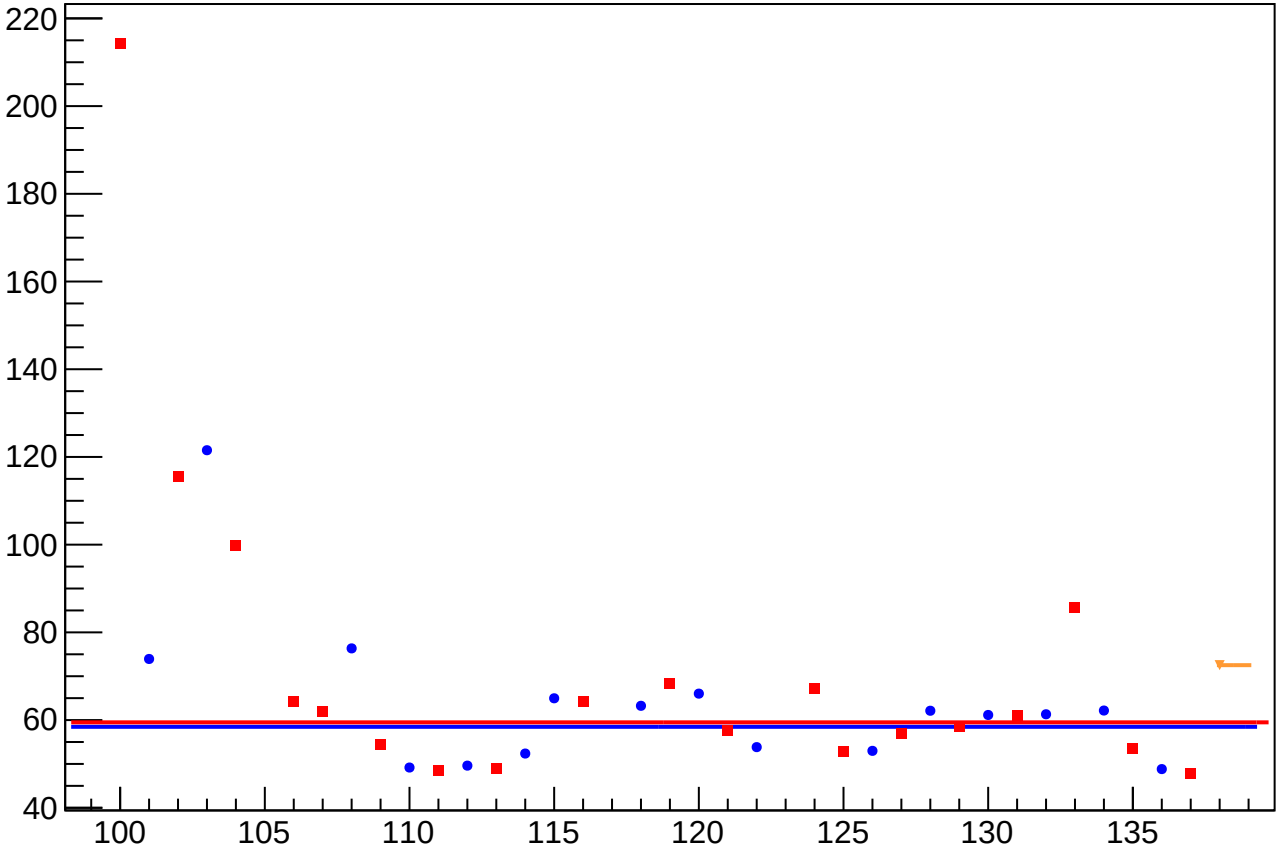
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.773+/-21.705 χ^2/NDF: 18.1/16

All: -3.950+/-15.710 χ^2/NDF: 43.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 58.466+/-0.016 χ^2/NDF: 582980.6/15

Left Out: 72.521+/-0.059 χ^2/NDF:0.0/0

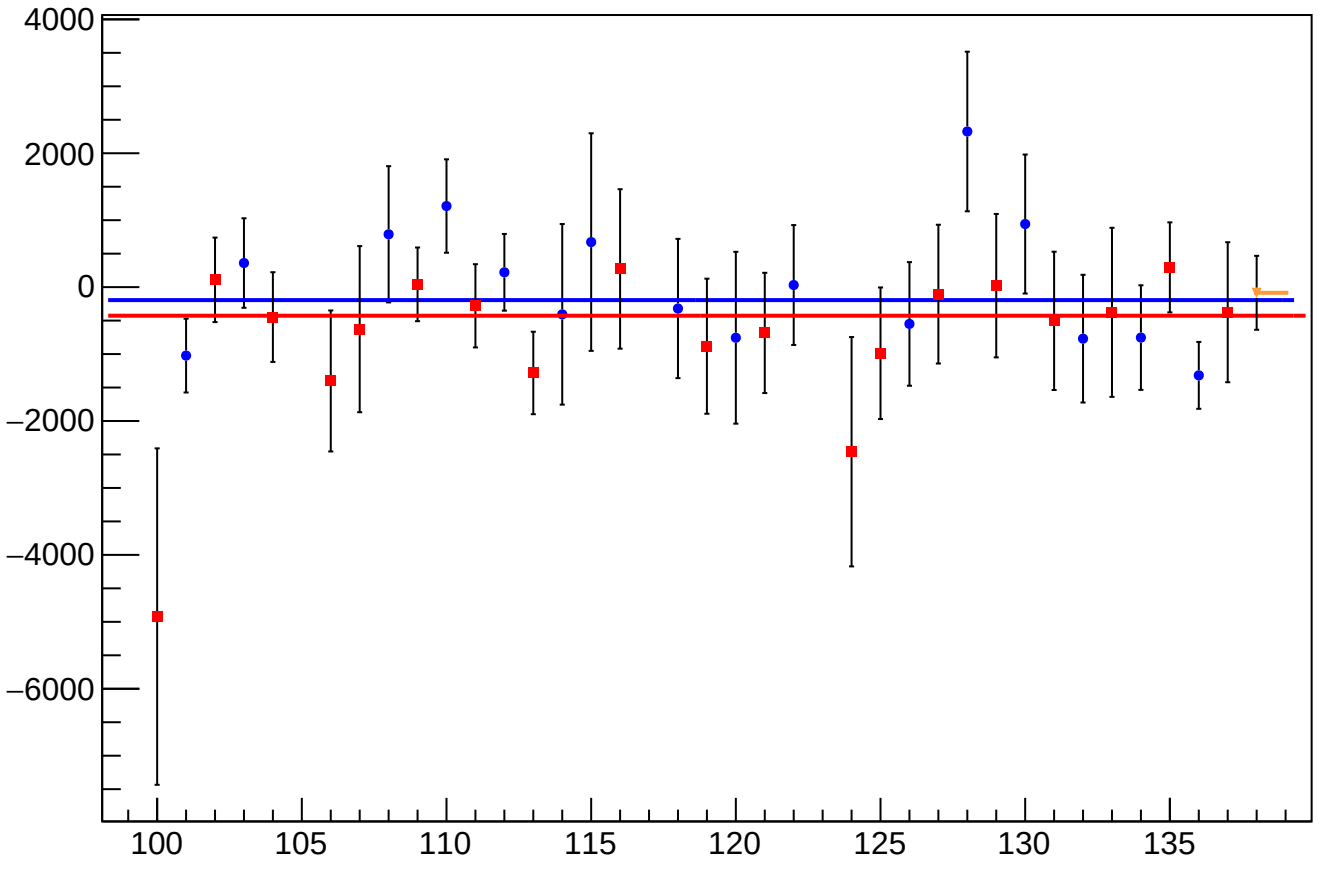
Right Out: 59.484+/-0.016 χ^2/NDF: 784880.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.418+/-0.015 χ^2/NDF: 635963.6/16

All: 59.450+/-0.011 χ^2/NDF: 1420852.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -193.899+/-200.603 χ^2/NDF: 20.8/15

Left Out: -84.736+/-552.327 χ^2/NDF:0.0/0

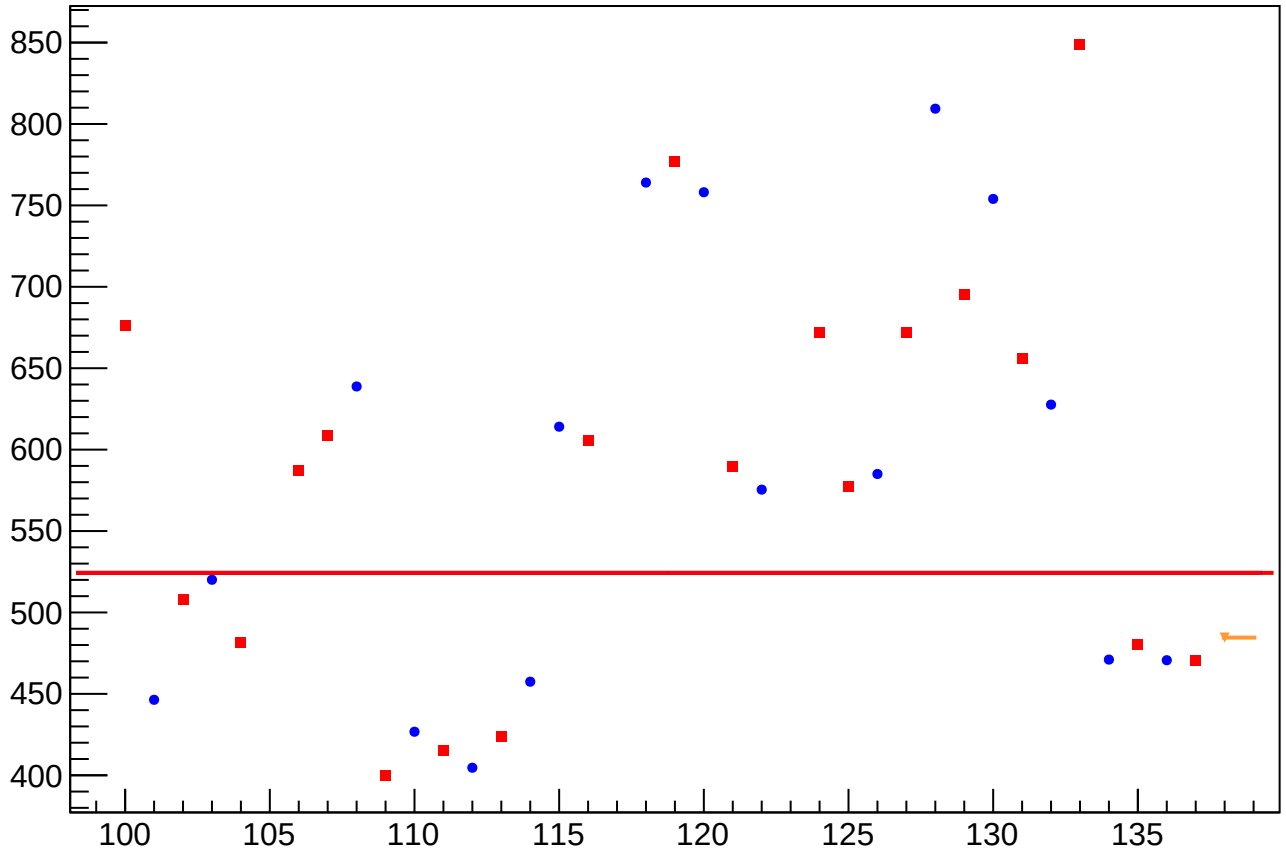
Right Out: -426.976+/-197.005 χ^2/NDF: 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -181.177+/-188.552 χ^2/NDF: 20.8/16

All: -298.690+/-136.217 χ^2/NDF: 33.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 524.325+/-0.142 χ^2/NDF: 658493.8/15

Left Out: 484.570+/-0.391 χ^2/NDF:0.0/0

Right Out: 524.305+/-0.139 χ^2/NDF: 686063.6/18

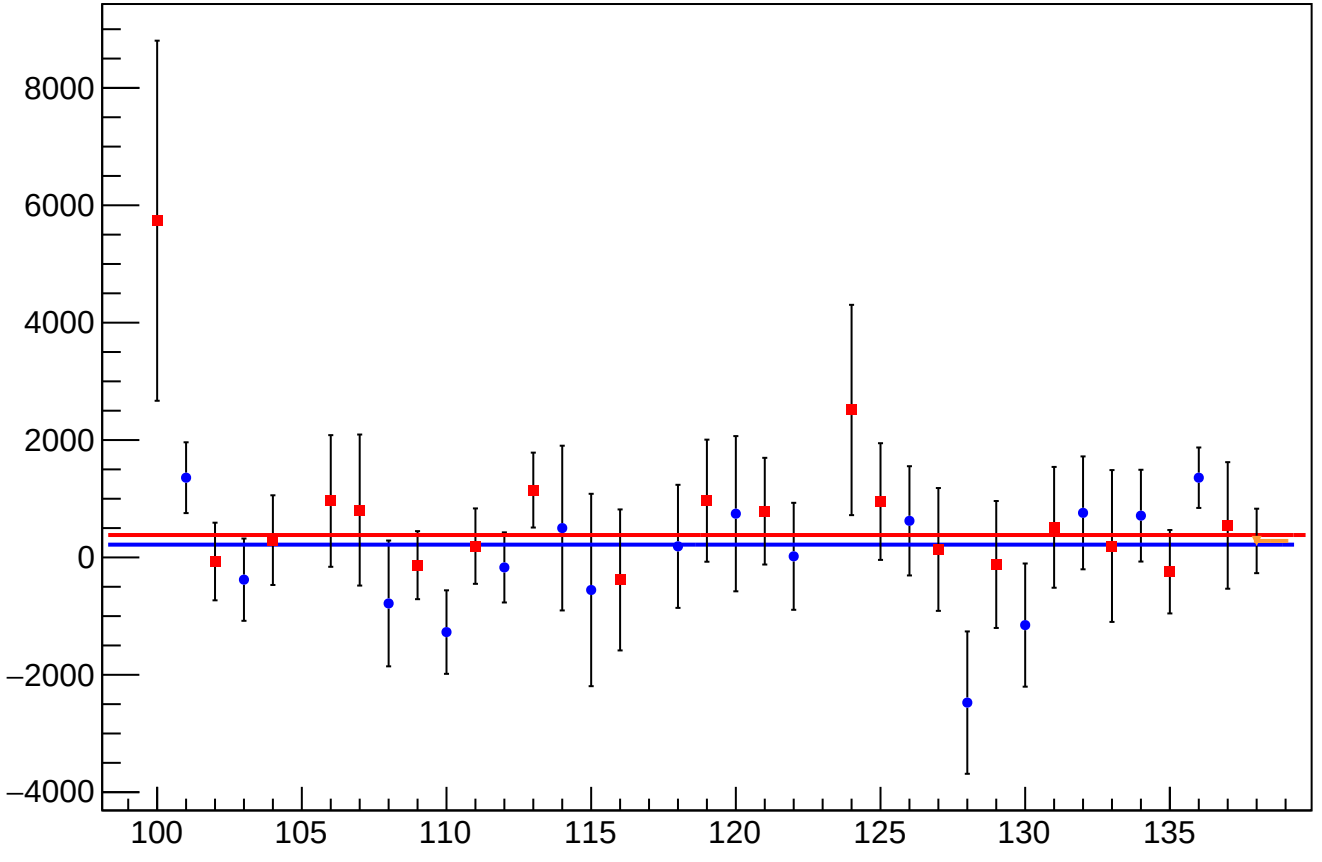
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 519.692+/-0.133 χ^2/NDF: 667647.9/16

All: 521.898+/-0.096 χ^2/NDF: 1354283.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug



Right In: 217.756+/-207.492 χ^2/NDF: 22.9/15

Left Out: 281.143+/-549.260 χ^2/NDF:0.0/0

Right Out: 381.836+/-205.585 χ^2/NDF: 10.0/18

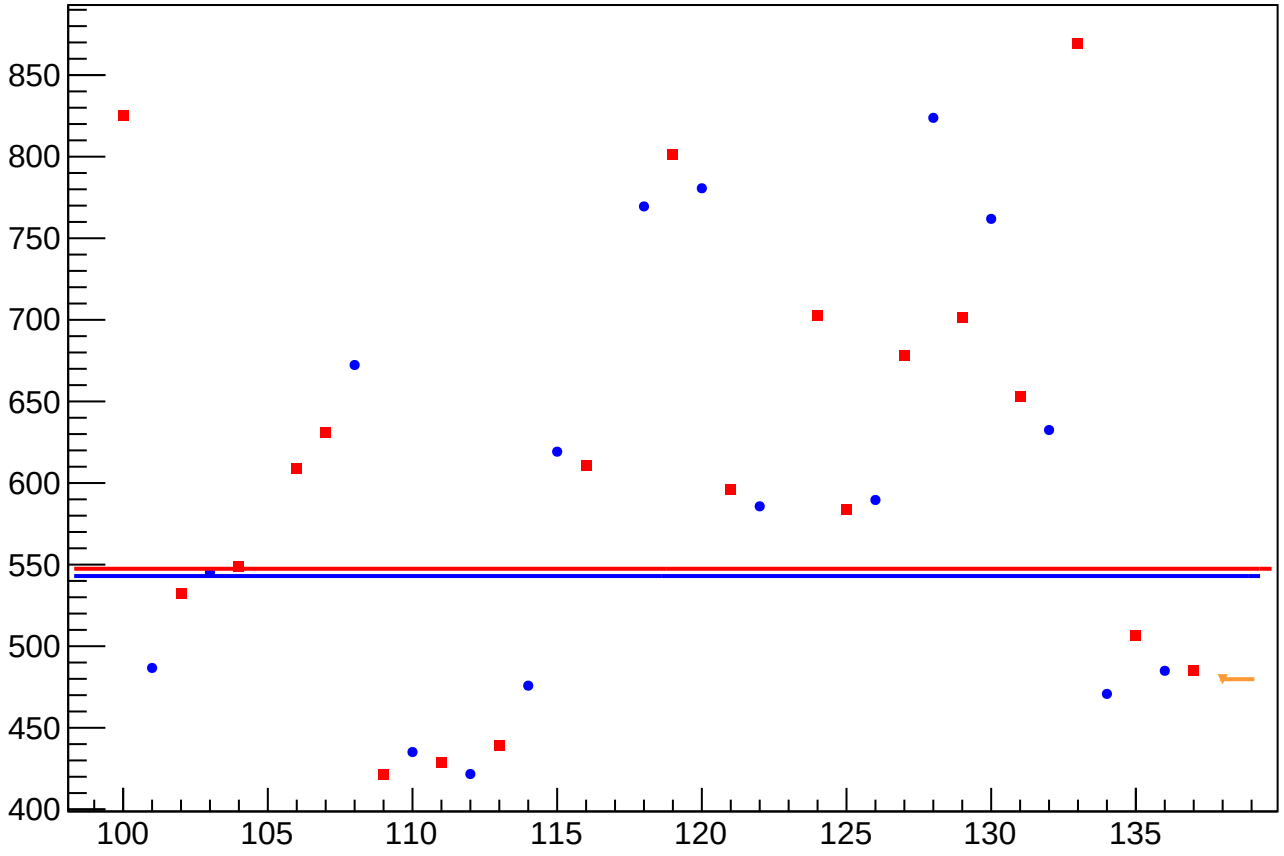
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 225.672+/-194.104 χ^2/NDF: 22.9/16

All: 299.272+/-141.136 χ^2/NDF: 33.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 542.997+/-0.147 χ^2/NDF: 605250.7/15

Left Out: 479.783+/-0.388 χ^2/NDF:0.0/0

Right Out: 547.465+/-0.145 χ^2/NDF: 630284.0/18

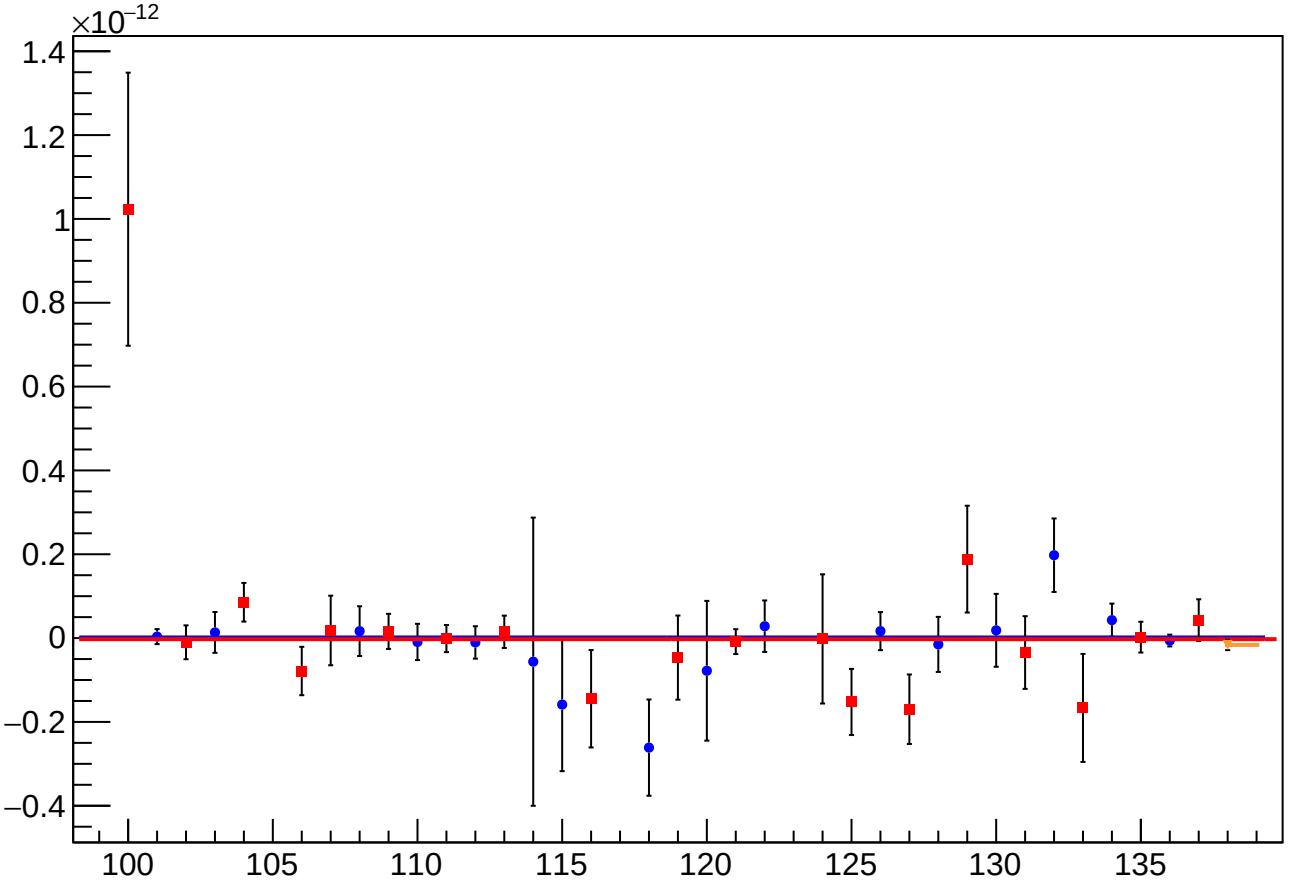
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 535.103+/-0.137 χ^2/NDF: 628434.0/16

All: 540.929+/-0.100 χ^2/NDF: 1262541.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 13.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

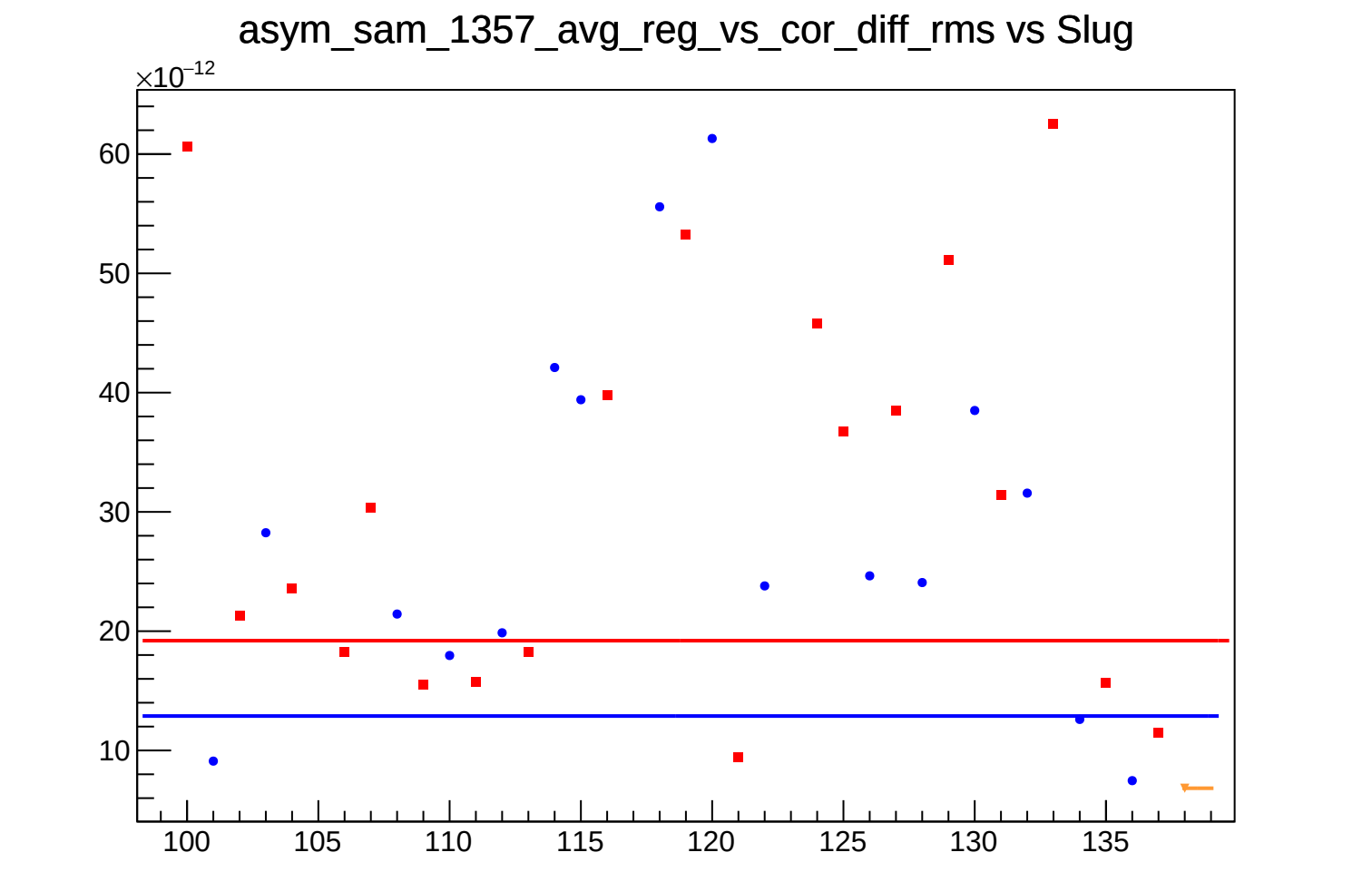
Right Out: -0.000+/-0.000 χ^2/NDF: 30.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 14.9/16

All: -0.000+/-0.000 χ^2/NDF: 45.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1756750.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

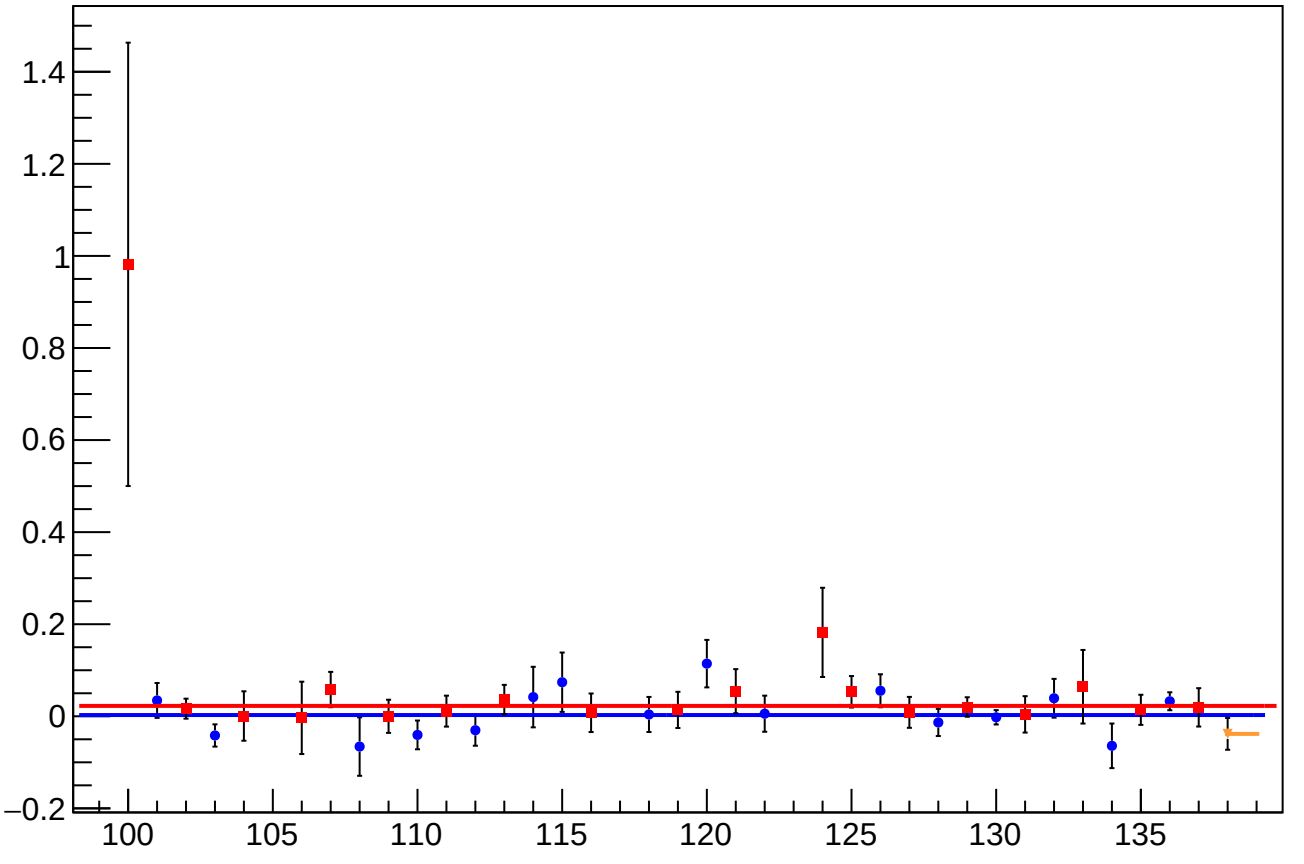
Right Out: 0.000+/-0.000 χ^2/NDF: 1367620.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2067150.7/16

All: 0.000+/-0.000 χ^2/NDF: 4141959.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.008 χ^2/NDF: 22.0/15

Left Out: -0.038+/-0.035 χ^2/NDF:0.0/0

Right Out: 0.023+/-0.008 χ^2/NDF: 10.8/18

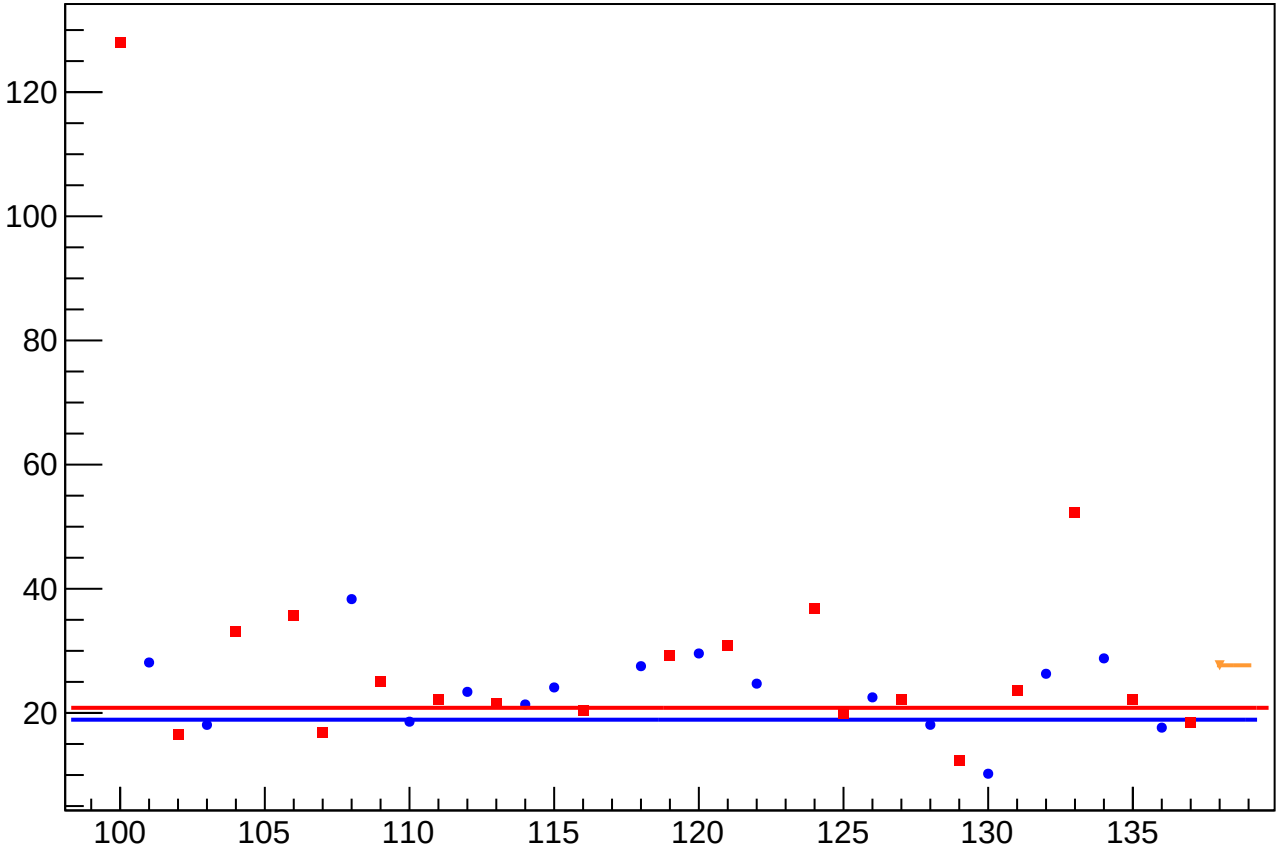
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.008 χ^2/NDF: 23.3/16

All: 0.011+/-0.006 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 18.911+/-0.006 χ^2/NDF: 1390349.2/15

Left Out: 27.674+/-0.024 χ^2/NDF:0.0/0

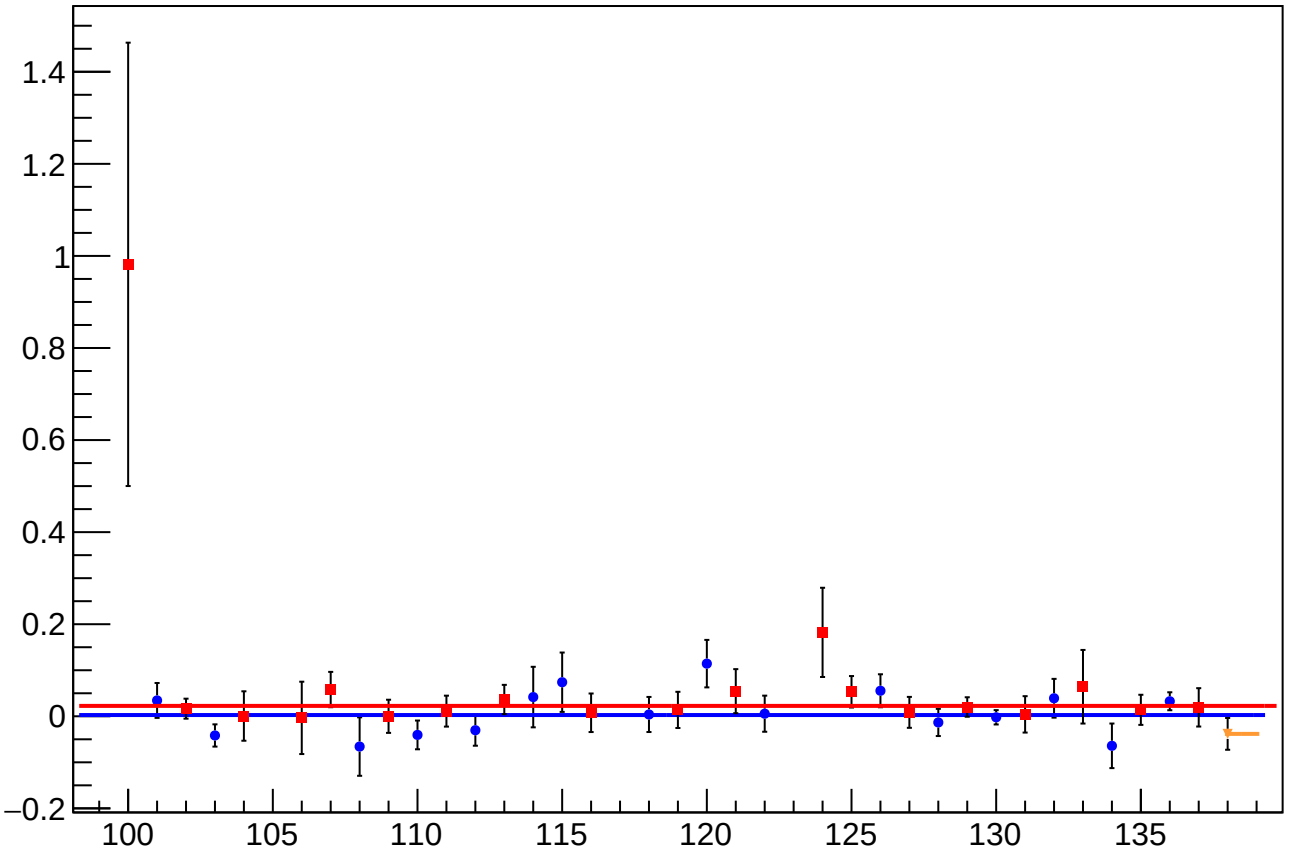
Right Out: 20.826+/-0.006 χ^2/NDF: 1291541.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.338+/-0.005 χ^2/NDF: 1513056.0/16

All: 20.005+/-0.004 χ^2/NDF: 2838868.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.008 χ^2/NDF: 22.0/15

Left Out: -0.038+/-0.035 χ^2/NDF:0.0/0

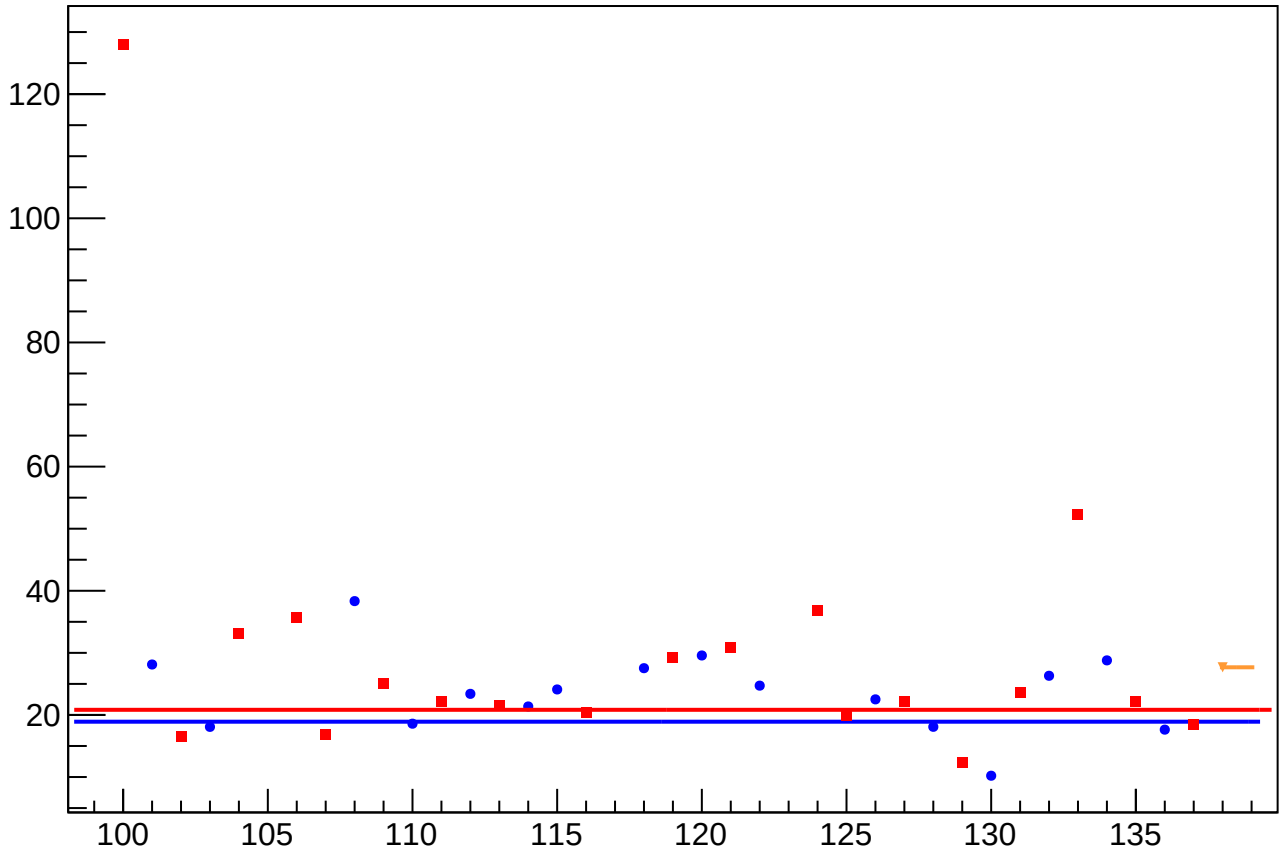
Right Out: 0.023+/-0.008 χ^2/NDF: 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.008 χ^2/NDF: 23.3/16

All: 0.011+/-0.006 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 18.911+/-0.006 χ^2/NDF: 1390349.2/15

Left Out: 27.674+/-0.024 χ^2/NDF:0.0/0

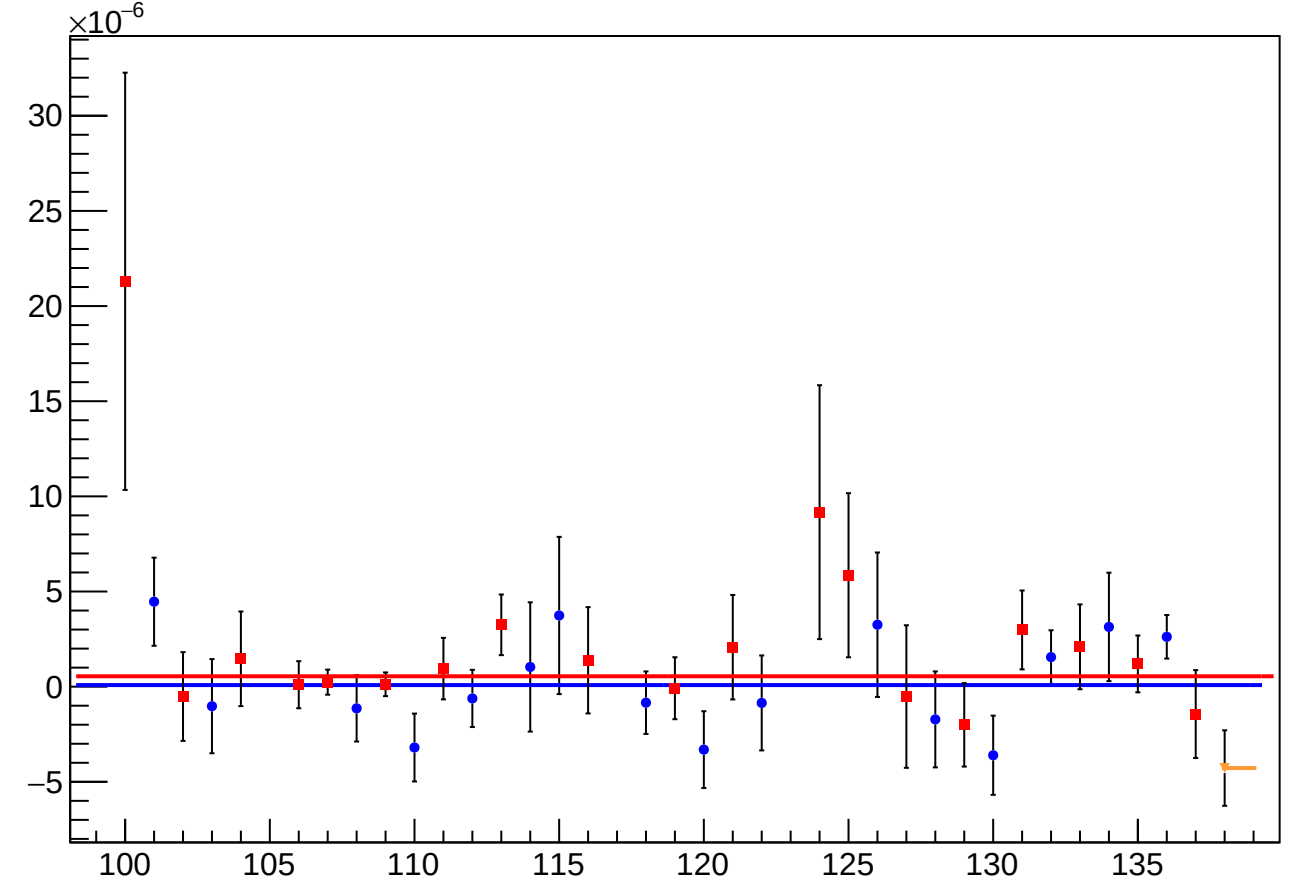
Right Out: 20.826+/-0.006 χ^2/NDF: 1291541.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.338+/-0.005 χ^2/NDF: 1513056.0/16

All: 20.005+/-0.004 χ^2/NDF: 2838868.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 23.5/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

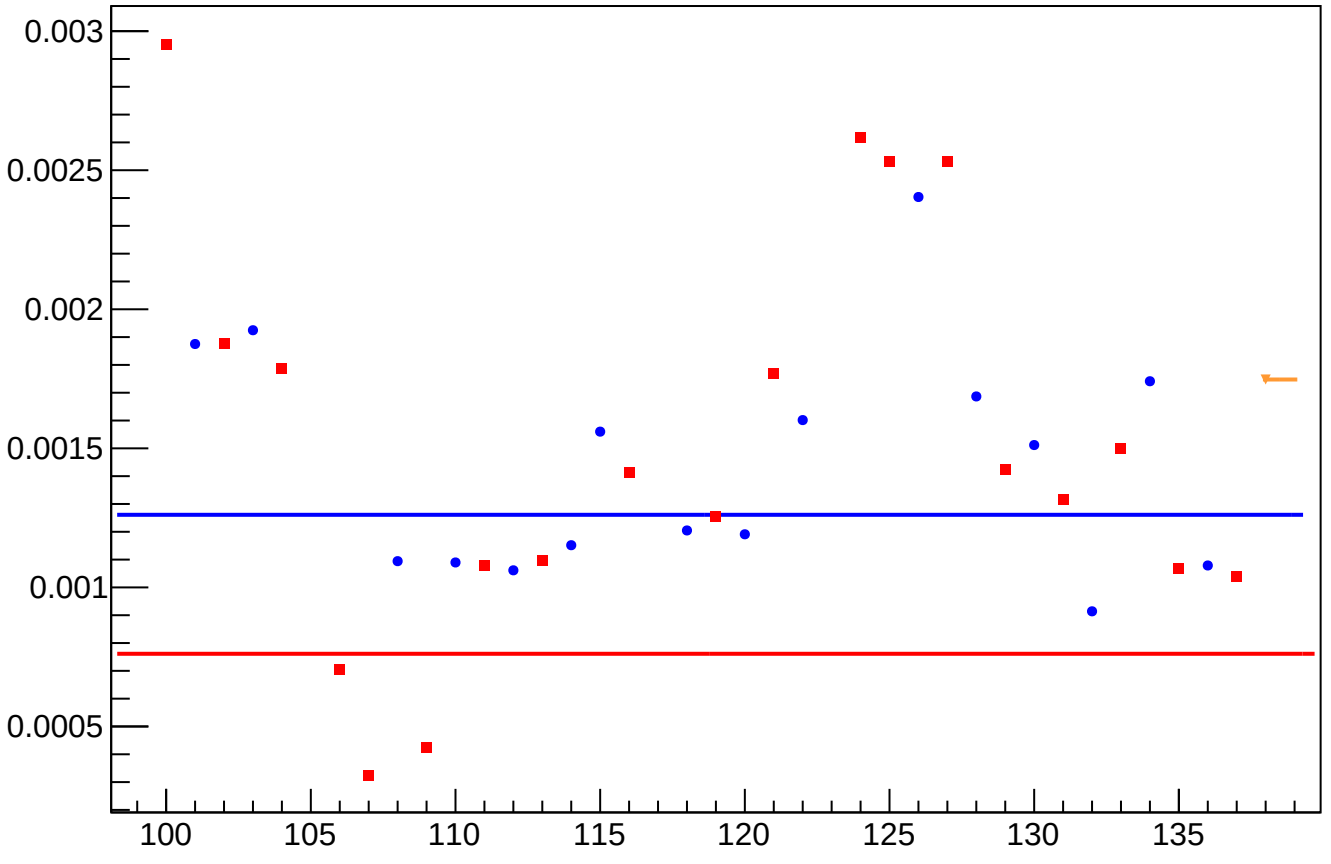
Right Out: 0.000+/-0.000 χ^2/NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 28.1/16

All: 0.000+/-0.000 χ^2/NDF: 45.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.001+/-0.000 χ^2/NDF: 907342.5/15

Left Out: 0.002+/-0.000 χ^2/NDF:0.0/0

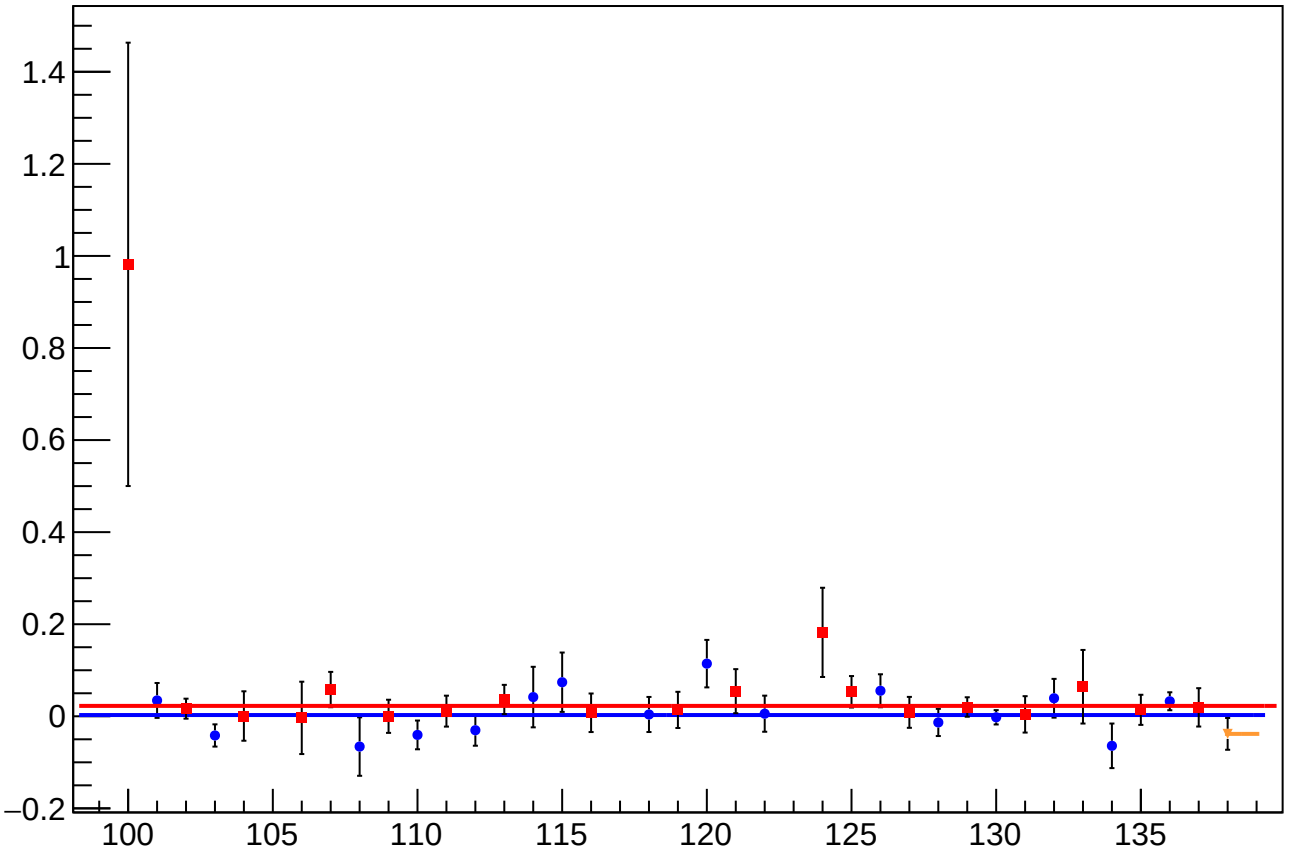
Right Out: 0.001+/-0.000 χ^2/NDF: 4672607.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.000 χ^2/NDF: 1020848.5/16

All: 0.001+/-0.000 χ^2/NDF: 7336566.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.008 χ^2/NDF: 22.0/15

Left Out: -0.038+/-0.035 χ^2/NDF:0.0/0

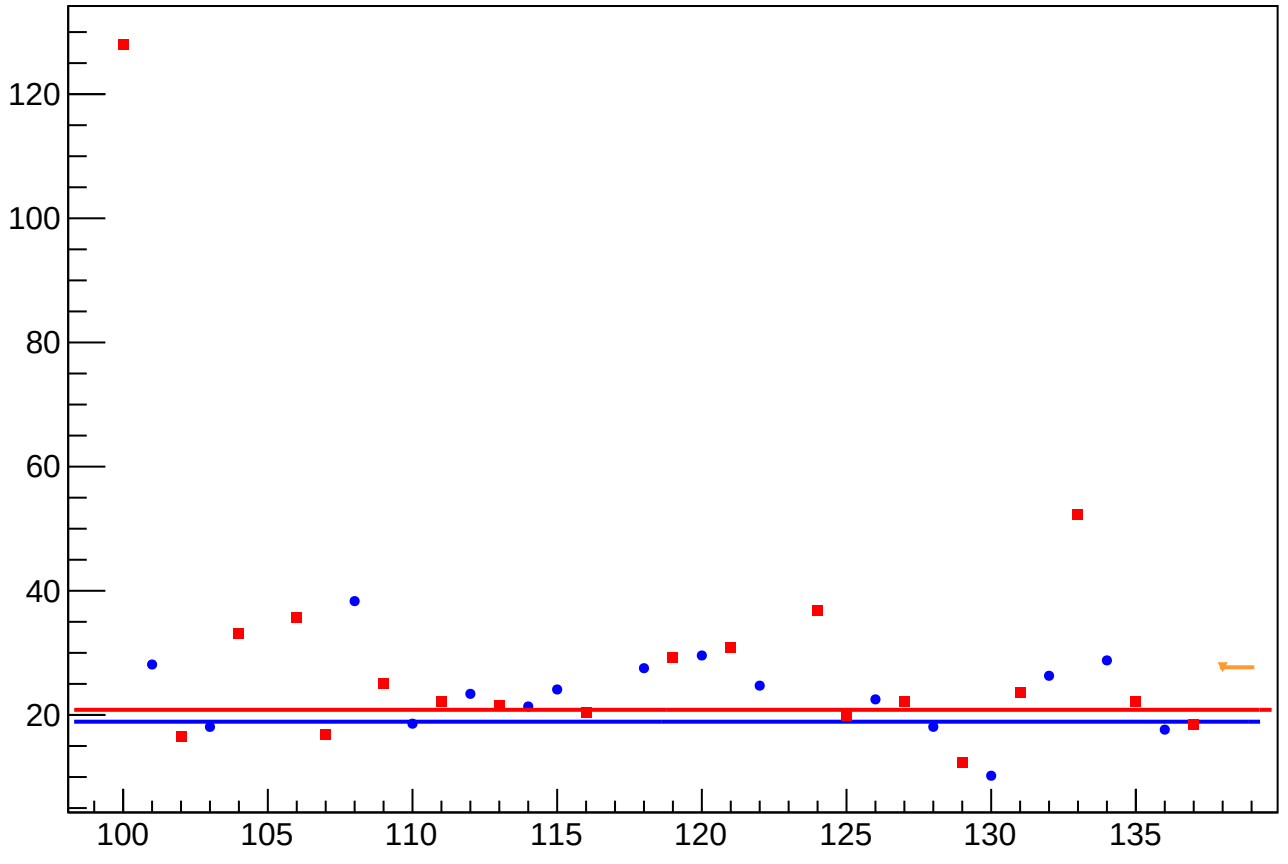
Right Out: 0.023+/-0.008 χ^2/NDF: 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.008 χ^2/NDF: 23.3/16

All: 0.011+/-0.006 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 18.912+/-0.006 χ^2/NDF: 1390233.4/15

Left Out: 27.675+/-0.024 χ^2/NDF:0.0/0

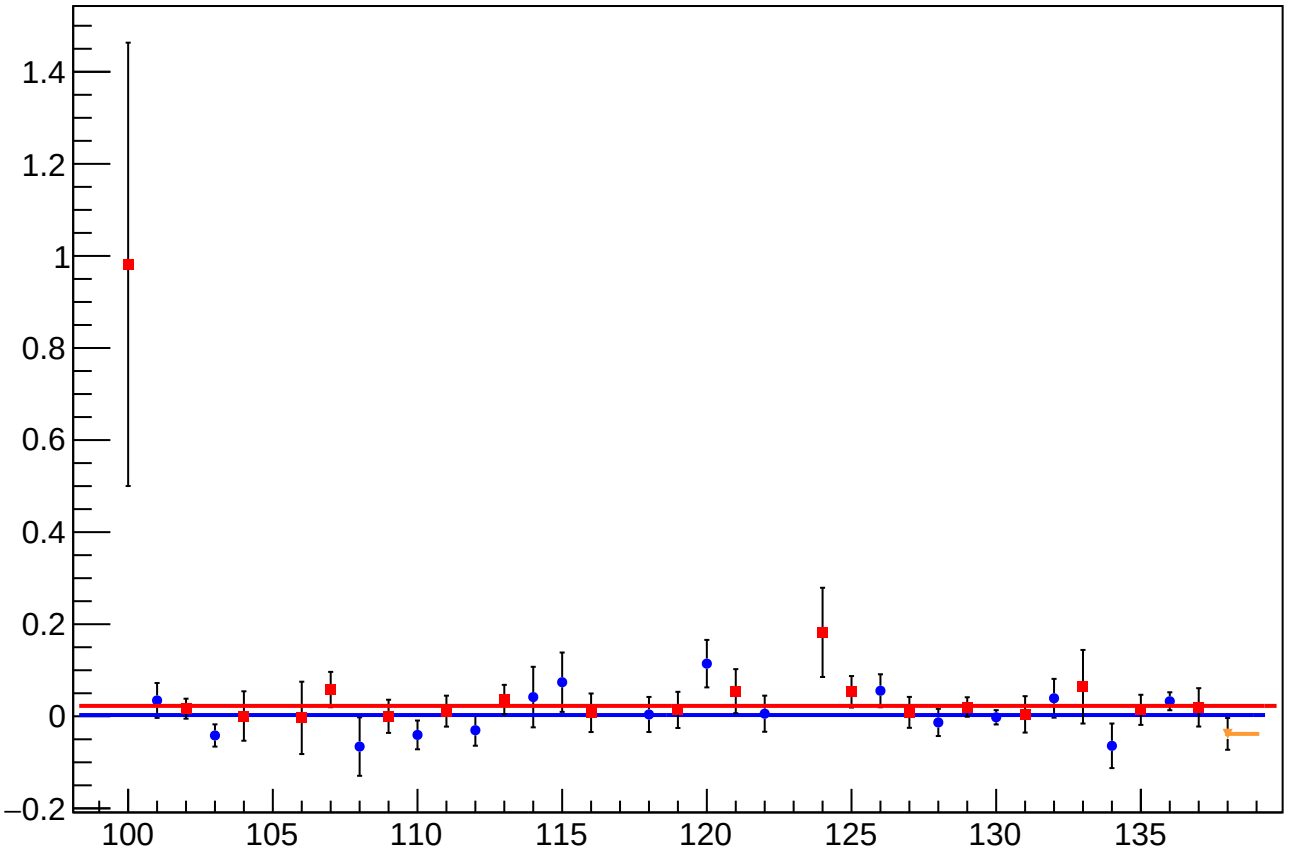
Right Out: 20.827+/-0.006 χ^2/NDF: 1291537.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.338+/-0.005 χ^2/NDF: 1512938.3/16

All: 20.005+/-0.004 χ^2/NDF: 2838736.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.008 χ^2/NDF: 22.0/15

Left Out: -0.038+/-0.035 χ^2/NDF:0.0/0

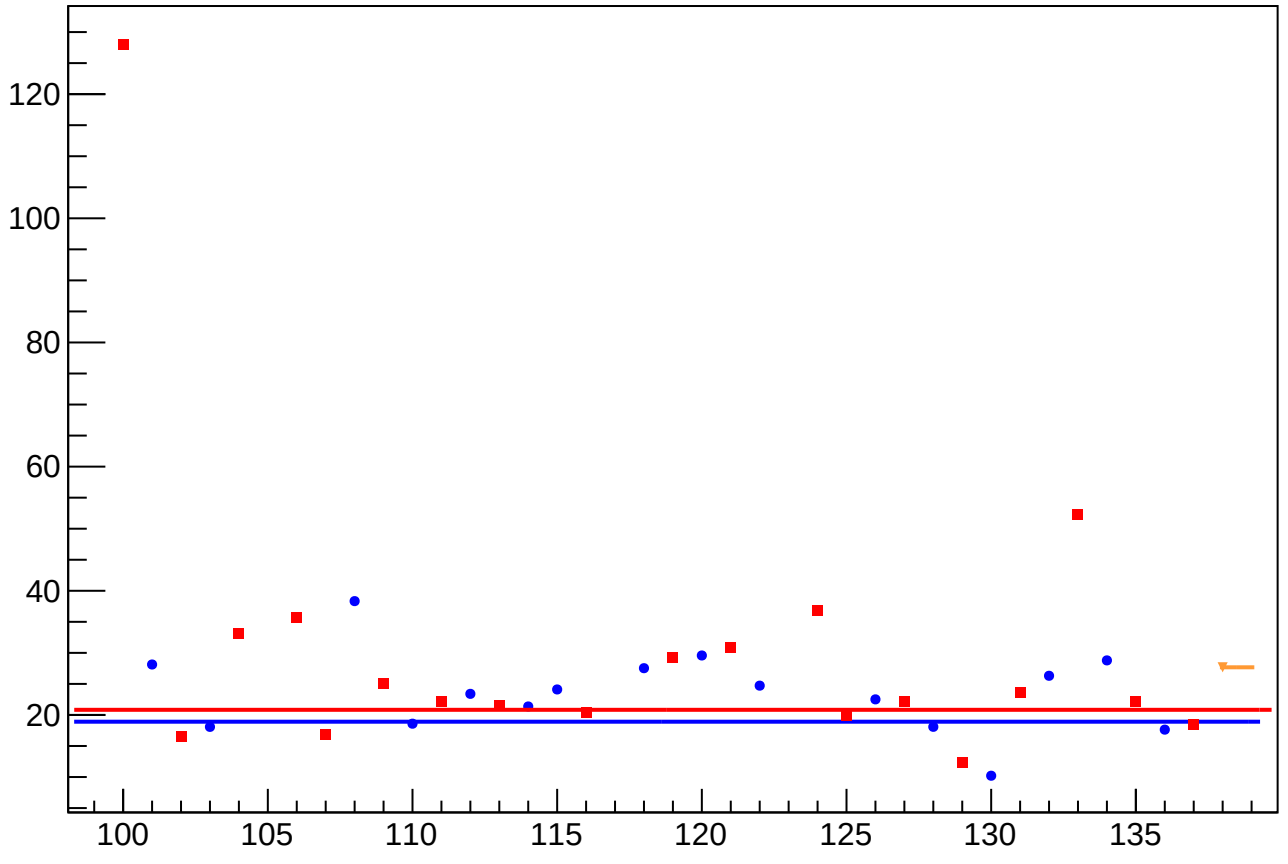
Right Out: 0.023+/-0.008 χ^2/NDF: 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.001+/-0.008 χ^2/NDF: 23.3/16

All: 0.011+/-0.006 χ^2/NDF: 37.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 18.912+/-0.006 χ^2/NDF: 1390233.4/15

Left Out: 27.675+/-0.024 χ^2/NDF:0.0/0

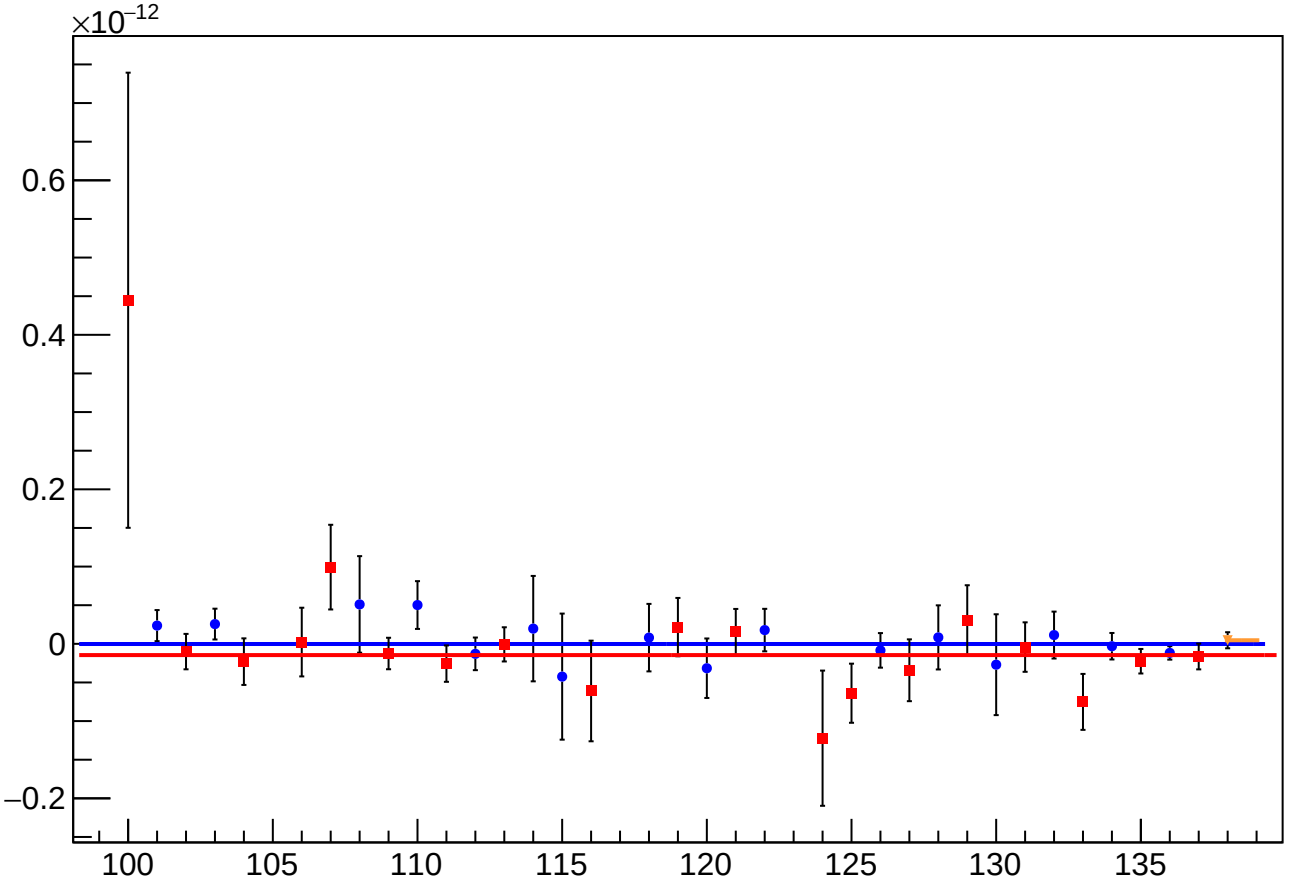
Right Out: 20.827+/-0.006 χ^2/NDF: 1291537.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.338+/-0.005 χ^2/NDF: 1512938.3/16

All: 20.005+/-0.004 χ^2/NDF: 2838736.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 10.5/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

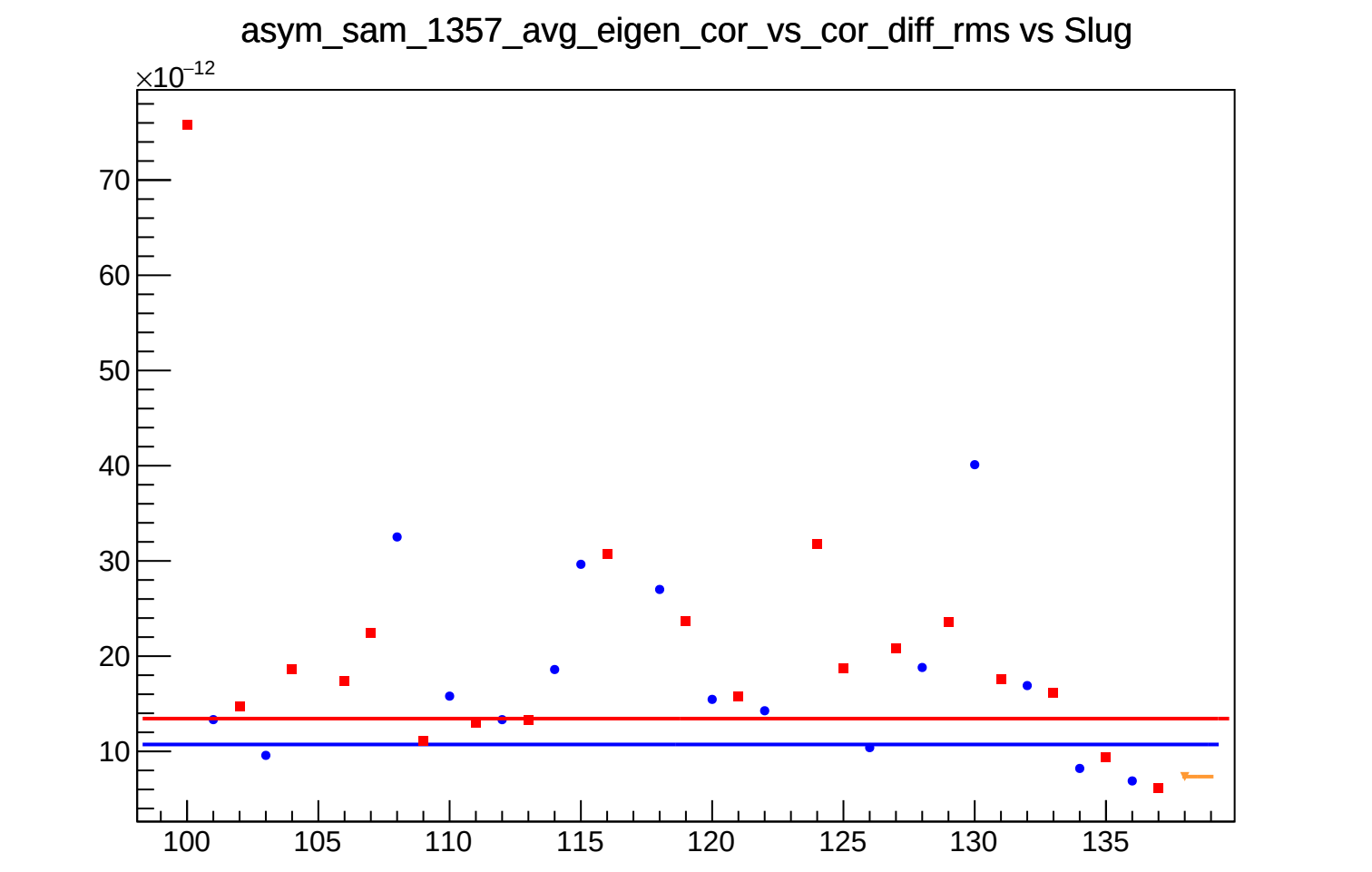
Right Out: -0.000+/-0.000 χ^2/NDF: 17.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 10.7/16

All: -0.000+/-0.000 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1836547.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1402984.9/18

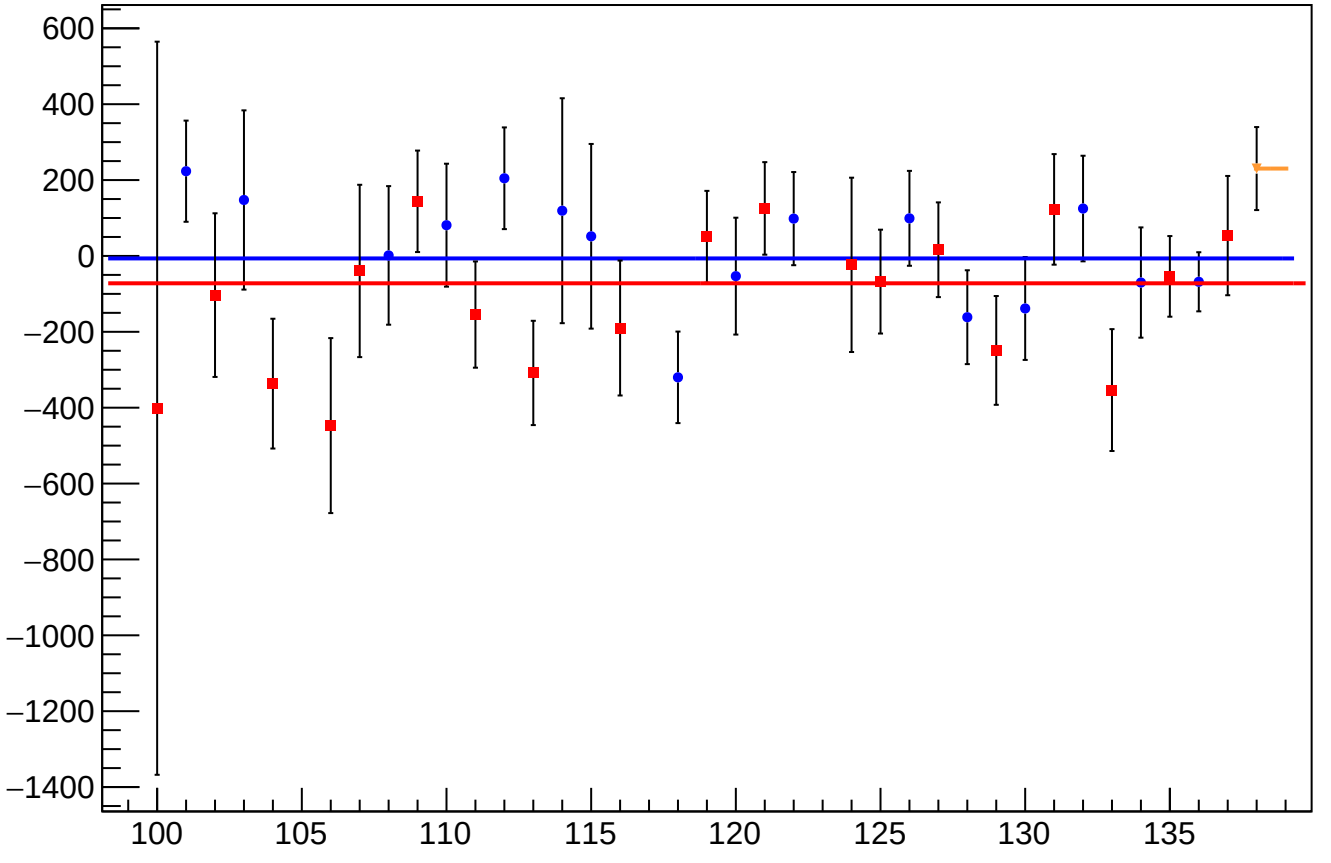
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 1999659.2/16

All: 0.000+/-0.000 χ^2/NDF: 3762785.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: -6.559+/-34.286 χ^2/NDF: 18.9/15

Left Out: 230.310+/-109.416 χ^2/NDF:0.0/0

Right Out: -72.124+/-34.883 χ^2/NDF: 22.8/18

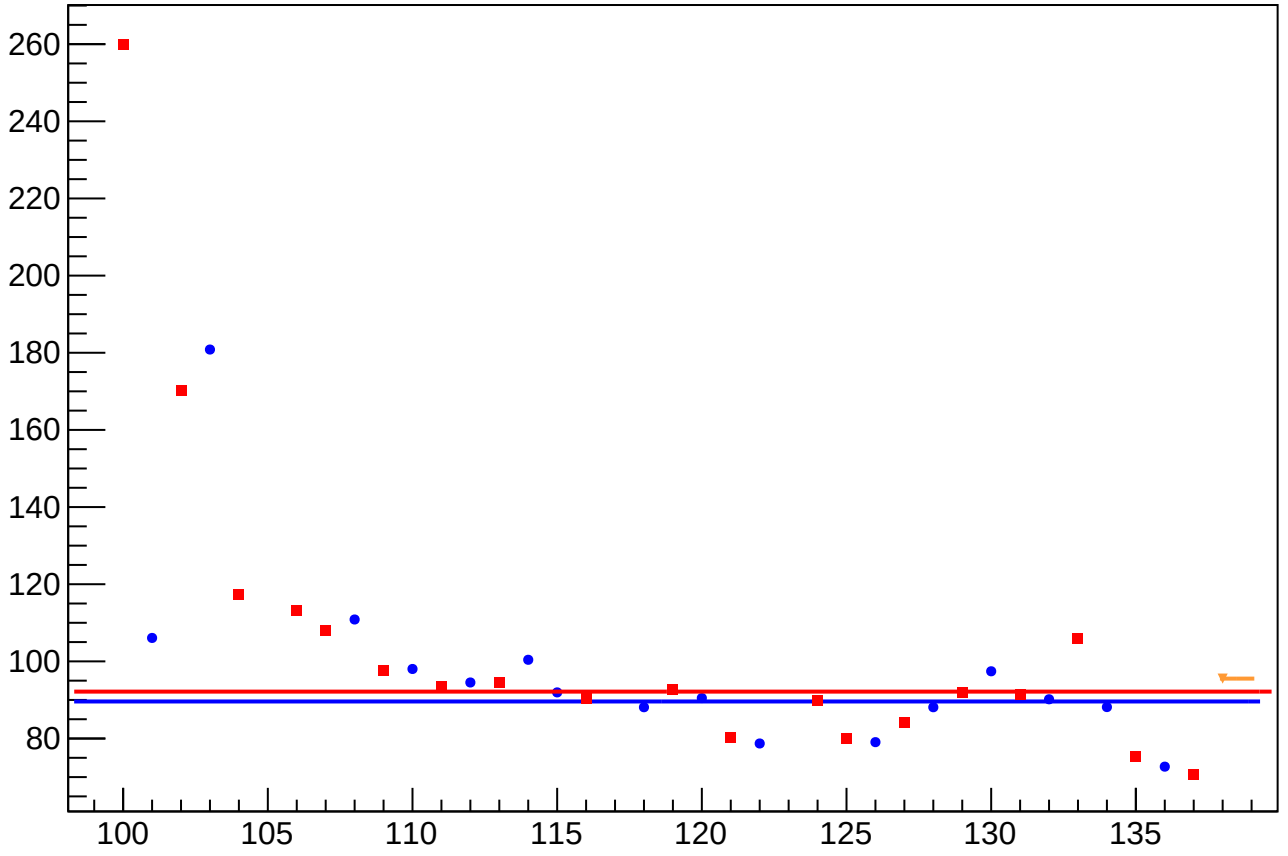
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.620+/-32.718 χ^2/NDF: 23.2/16

All: -25.976+/-23.864 χ^2/NDF: 49.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 89.604+/-0.024 χ^2/NDF: 498380.8/15

Left Out: 95.532+/-0.077 χ^2/NDF:0.0/0

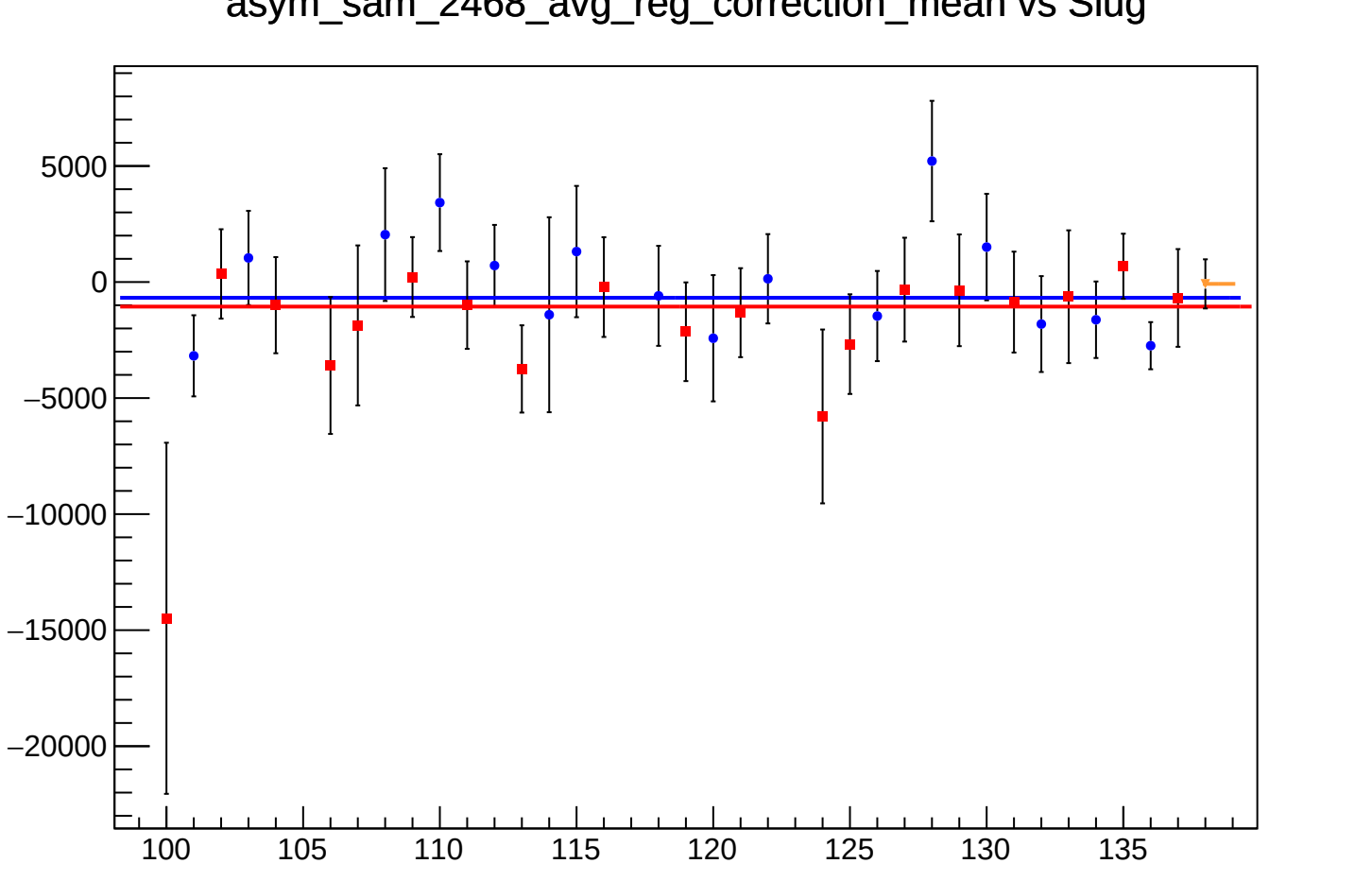
Right Out: 92.161+/-0.025 χ^2/NDF: 542074.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.134+/-0.023 χ^2/NDF: 503726.9/16

All: 91.083+/-0.017 χ^2/NDF: 1049395.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -677.381+/-486.480 χ^2/NDF: 20.3/15

Left Out: -79.369+/-1058.166 χ^2/NDF:0.0/0

Right Out: -1058.761+/-496.350 χ^2/NDF: 11.5/18

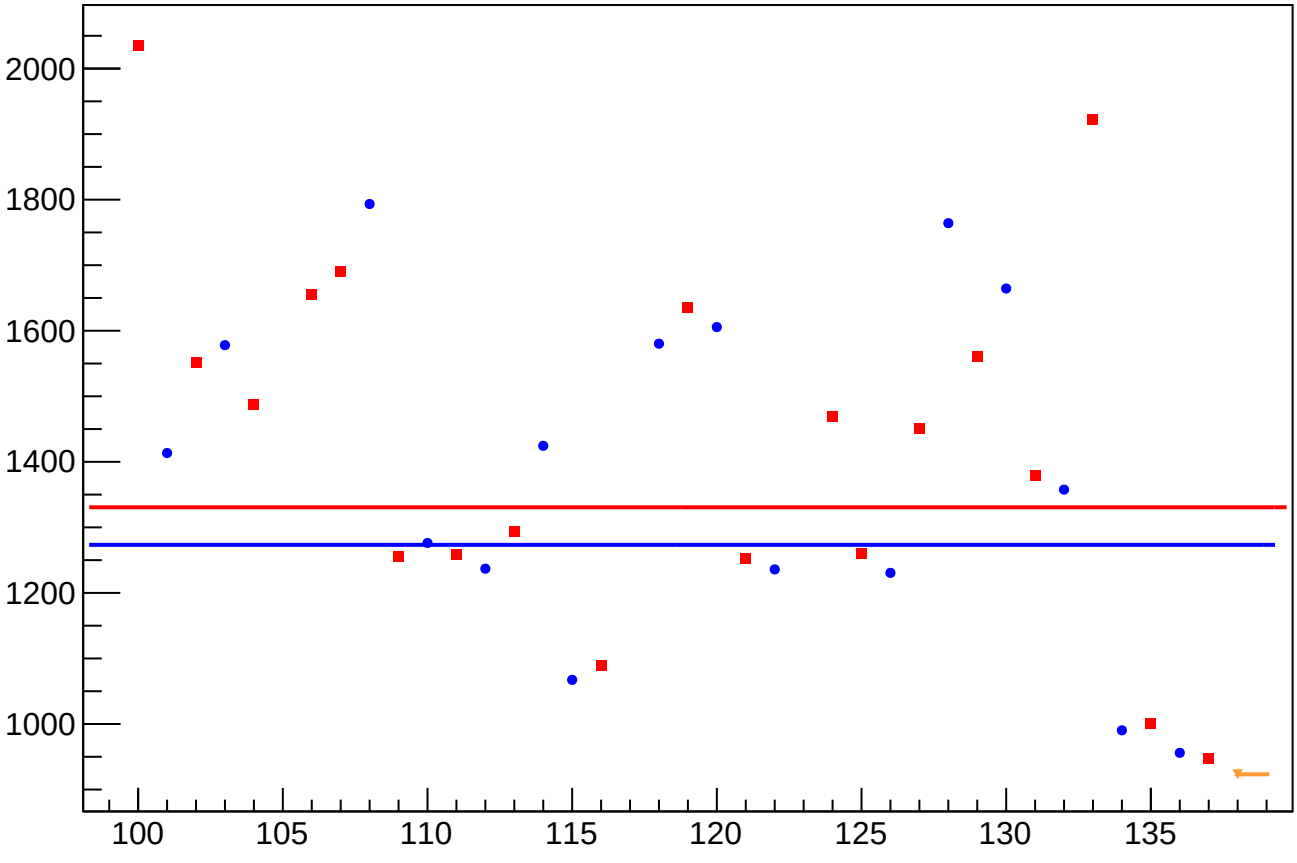
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -573.039+/-442.006 χ^2/NDF: 20.5/16

All: -787.864+/-330.093 χ^2/NDF: 32.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1273.324+/-0.344 χ^2/NDF: 597520.6/15

Left Out: 923.247+/-0.748 χ^2/NDF:0.0/0

Right Out: 1330.683+/-0.351 χ^2/NDF: 470703.7/18

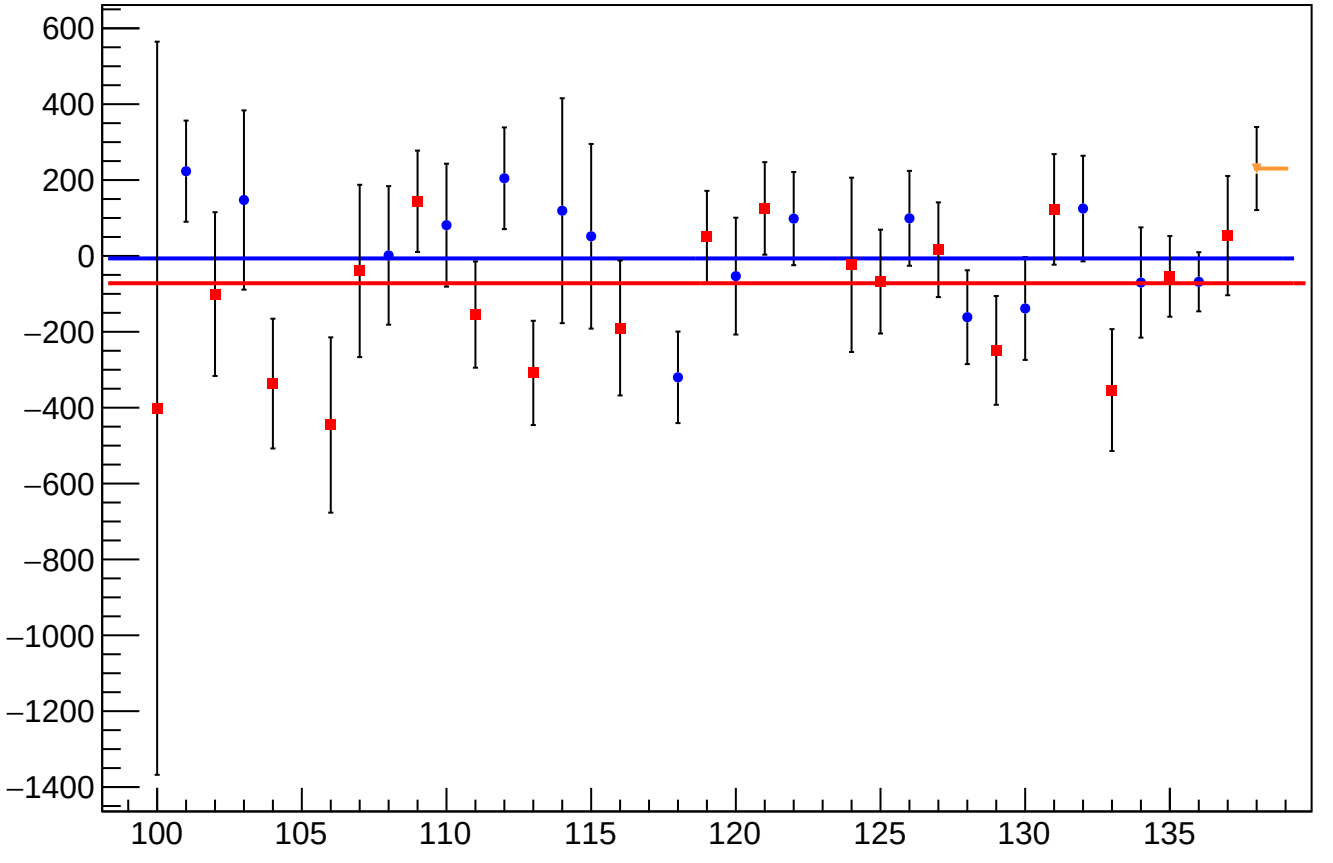
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1212.242+/-0.313 χ^2/NDF: 778228.9/16

All: 1264.626+/-0.233 χ^2/NDF: 1312447.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: -6.568+/-34.286 χ^2/NDF: 18.9/15

Left Out: 230.304+/-109.416 χ^2/NDF:0.0/0

Right Out: -71.981+/-34.885 χ^2/NDF: 22.8/18

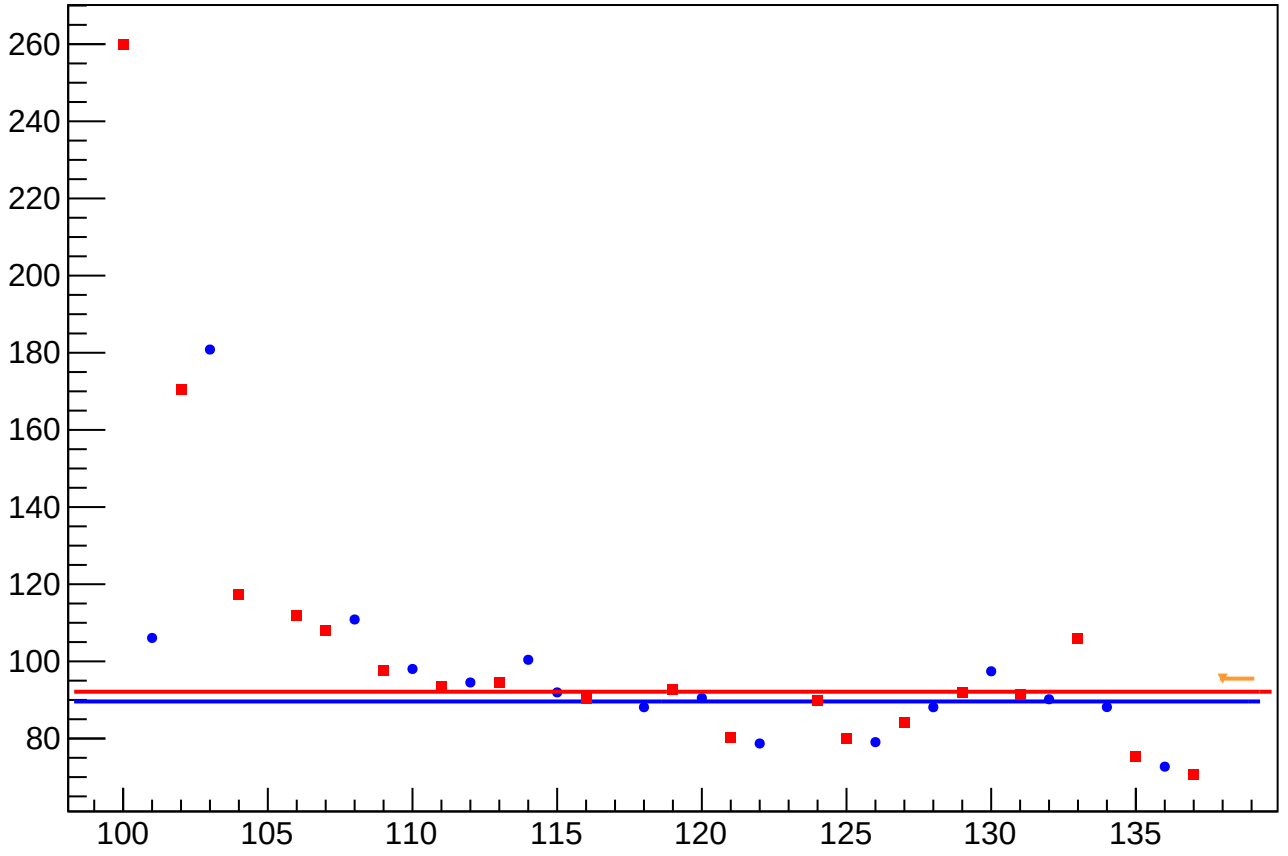
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.611+/-32.718 χ^2/NDF: 23.2/16

All: -25.911+/-23.864 χ^2/NDF: 49.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 89.604+/-0.024 χ^2/NDF: 498384.4/15

Left Out: 95.532+/-0.077 χ^2/NDF:0.0/0

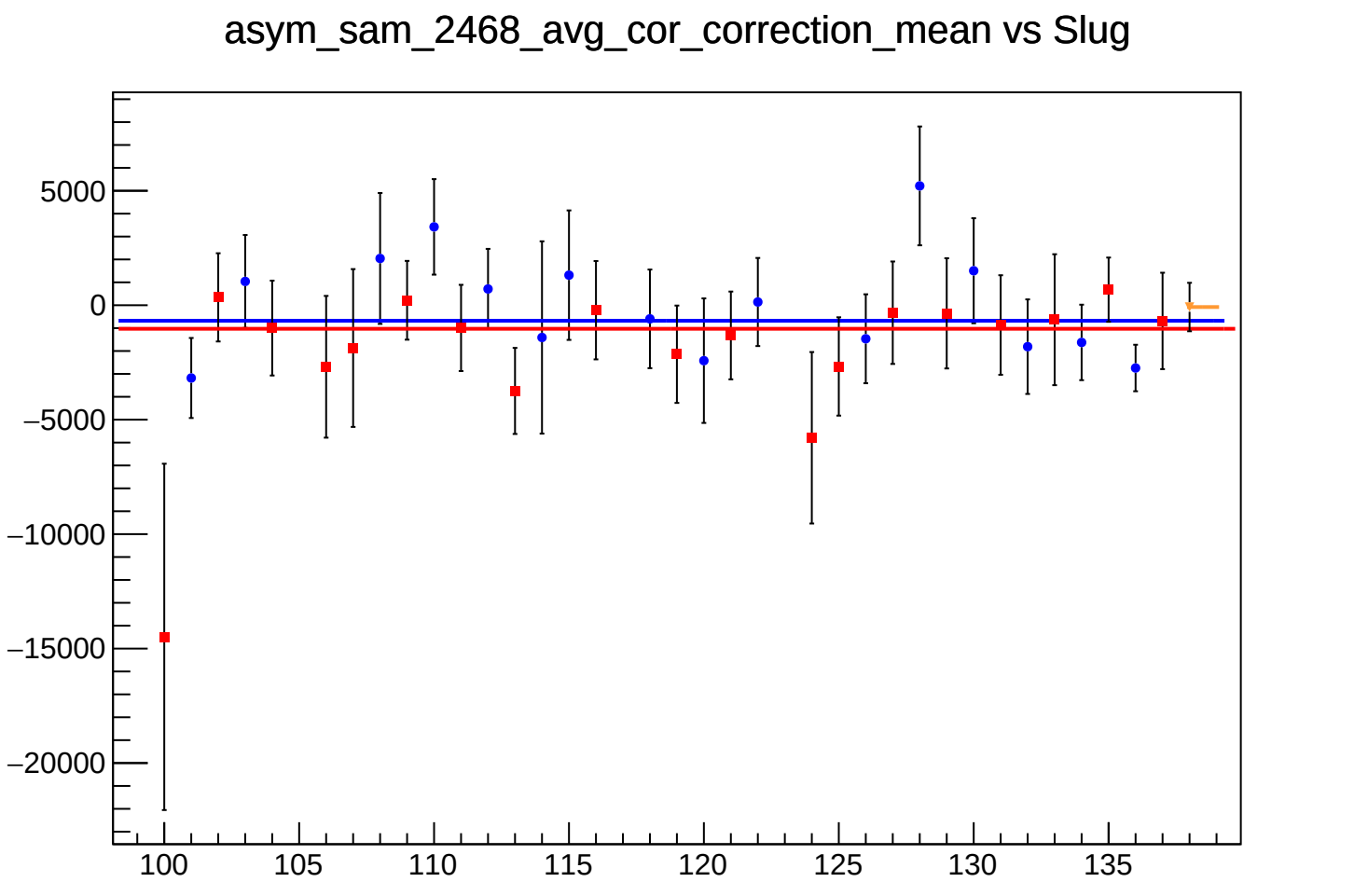
Right Out: 92.129+/-0.025 χ^2/NDF: 540308.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.134+/-0.023 χ^2/NDF: 503730.5/16

All: 91.068+/-0.017 χ^2/NDF: 1047521.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -677.345+/-486.482 χ^2/NDF: 20.3/15

Left Out: -79.373+/-1058.165 χ^2/NDF:0.0/0

Right Out: -1029.395+/-497.018 χ^2/NDF: 11.0/18

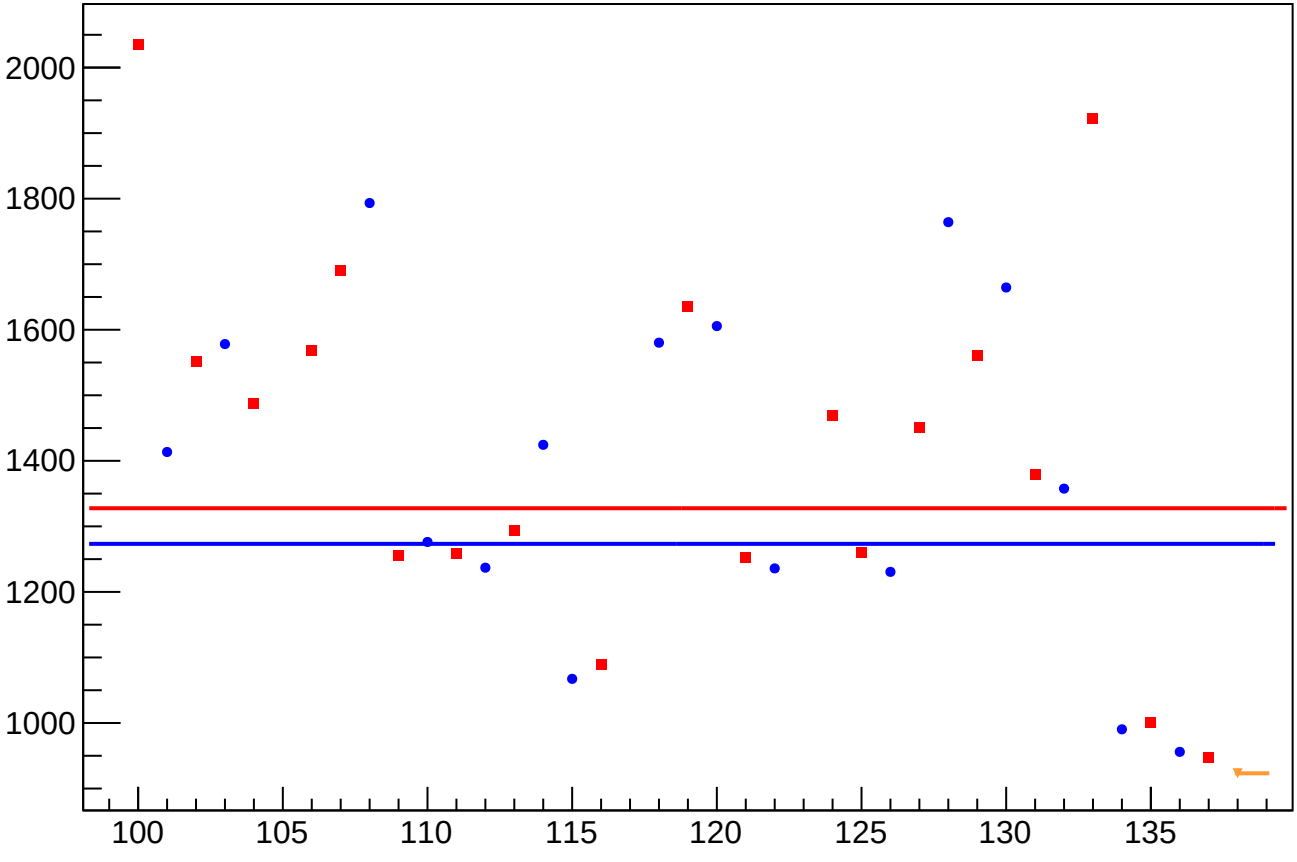
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -573.009+/-442.007 χ^2/NDF: 20.5/16

All: -774.557+/-330.290 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1273.327+/-0.344 χ^2/NDF: 597547.8/15

Left Out: 923.245+/-0.748 χ^2/NDF:0.0/0

Right Out: 1327.661+/-0.351 χ^2/NDF: 458481.2/18

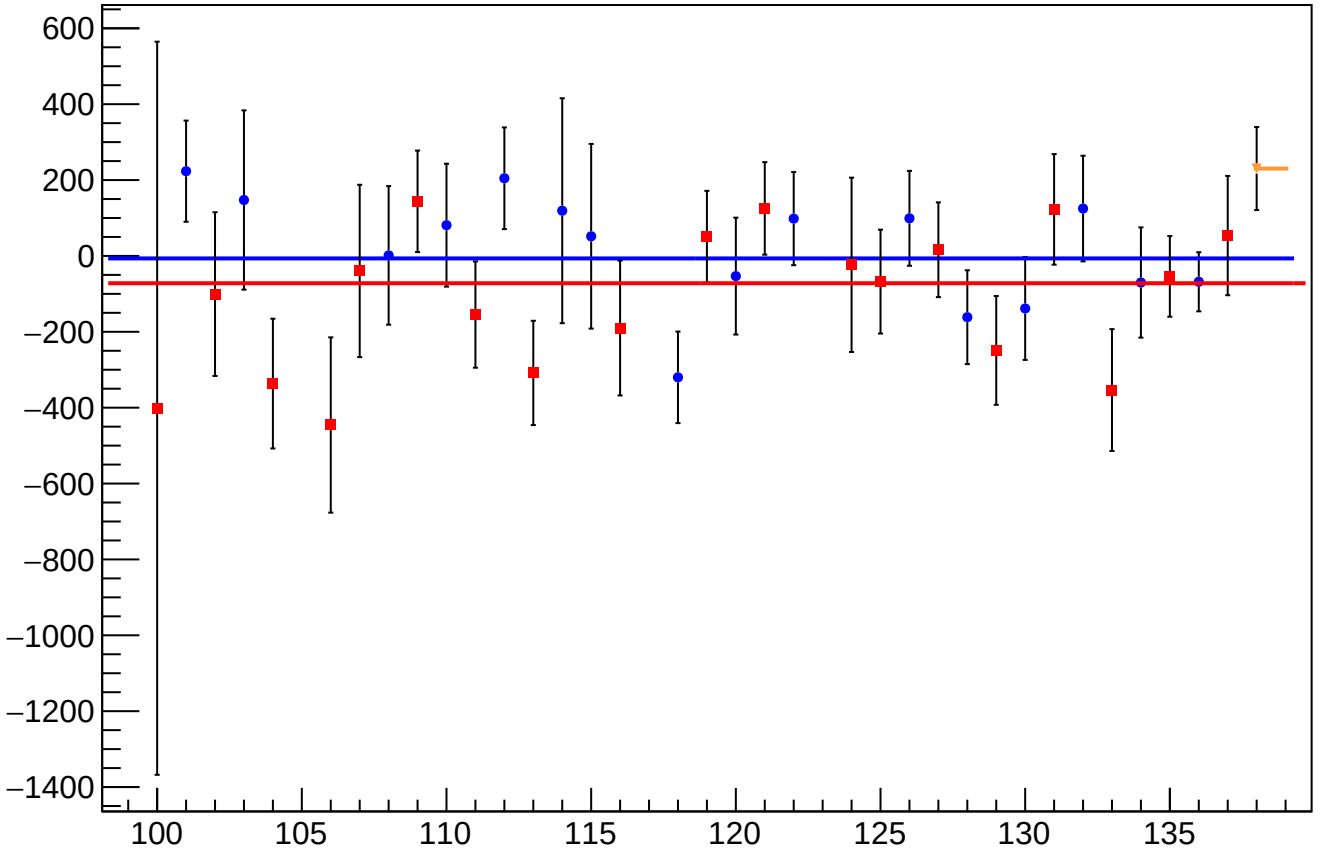
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1212.244+/-0.313 χ^2/NDF: 778260.6/16

All: 1263.214+/-0.234 χ^2/NDF: 1296963.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: -6.568+/-34.286 χ^2/NDF: 18.9/15

Left Out: 230.304+/-109.416 χ^2/NDF:0.0/0

Right Out: -71.981+/-34.885 χ^2/NDF: 22.8/18

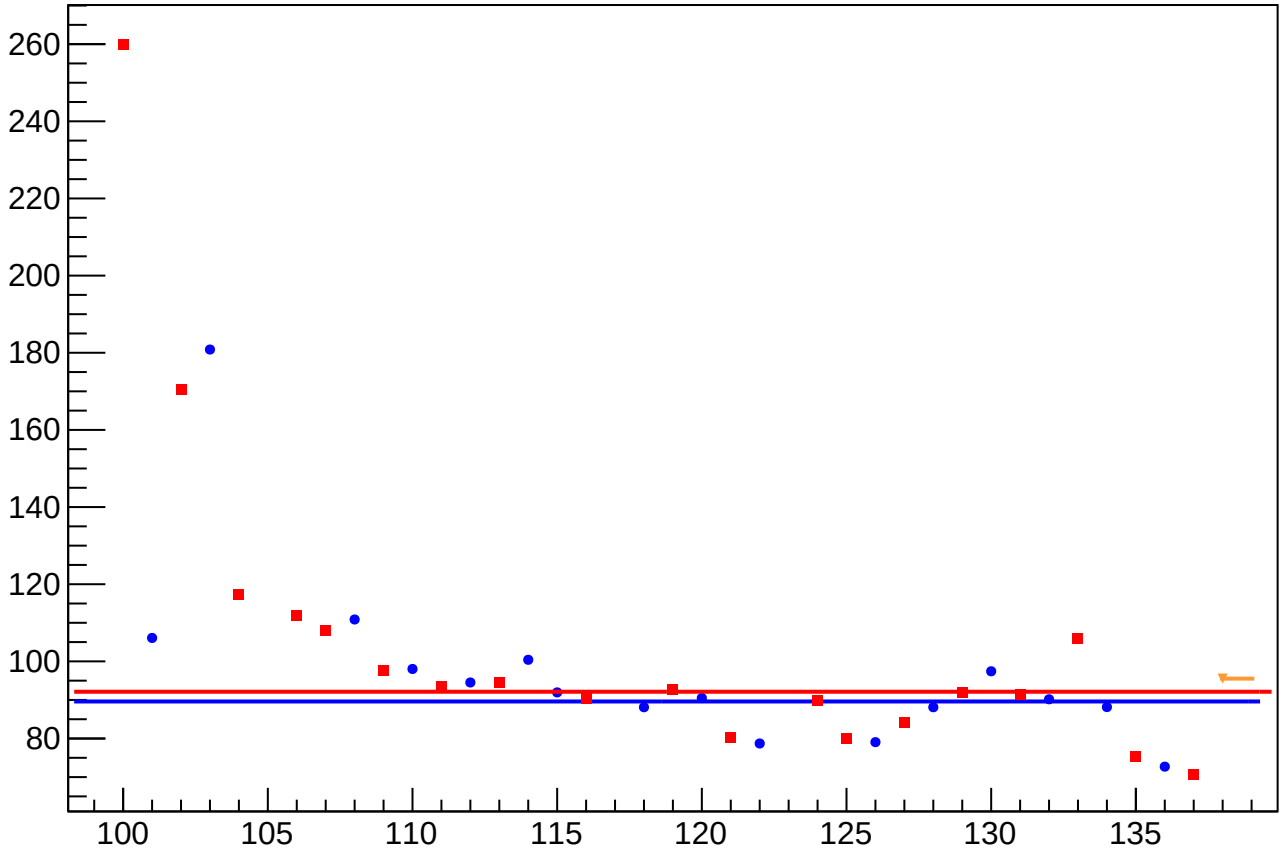
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.611+/-32.718 χ^2/NDF: 23.2/16

All: -25.911+/-23.864 χ^2/NDF: 49.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 89.604+/-0.024 χ^2/NDF: 498384.4/15

Left Out: 95.532+/-0.077 χ^2/NDF:0.0/0

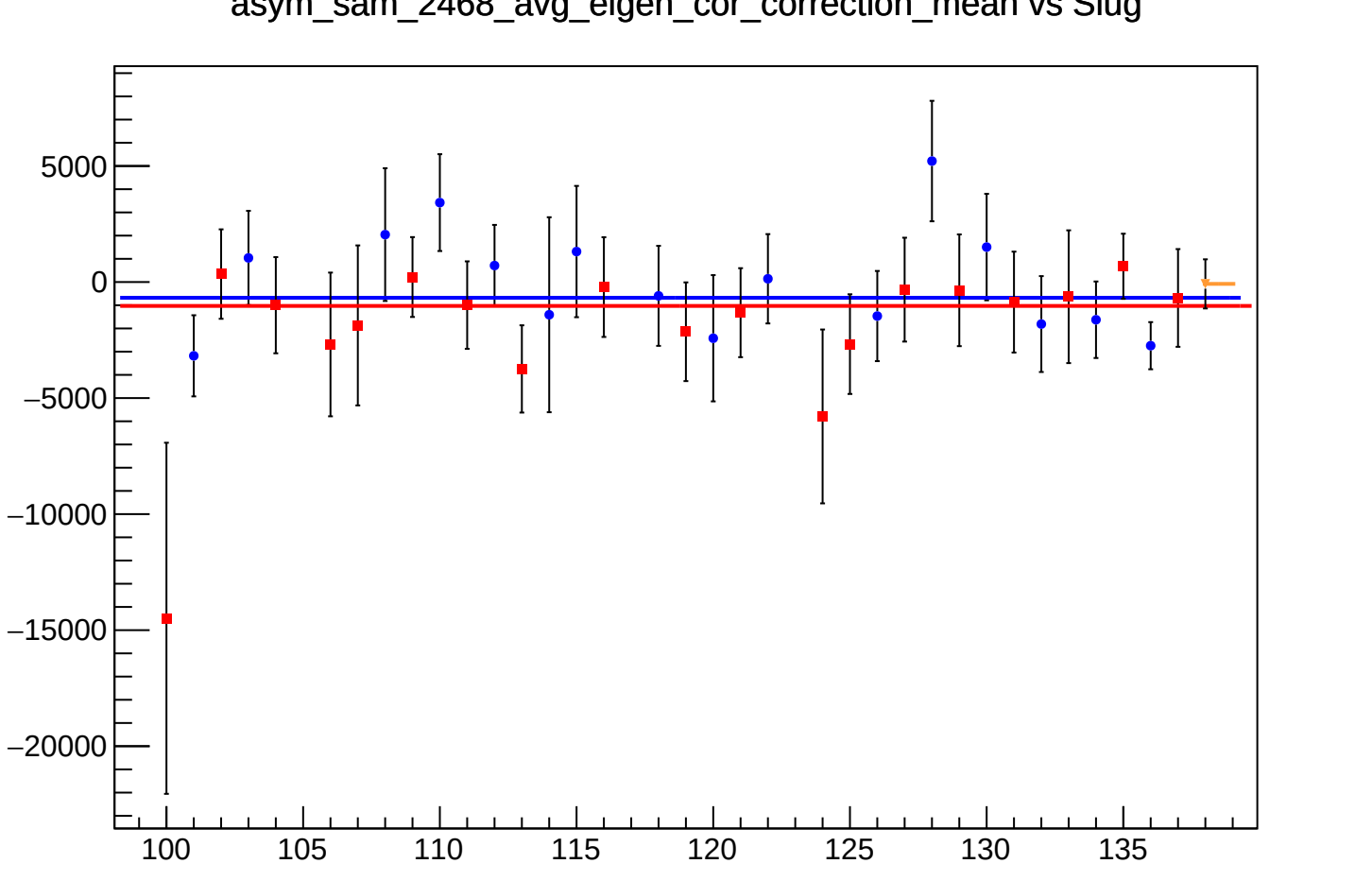
Right Out: 92.129+/-0.025 χ^2/NDF: 540308.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 90.134+/-0.023 χ^2/NDF: 503730.5/16

All: 91.068+/-0.017 χ^2/NDF: 1047521.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -677.345+/-486.482 χ^2/NDF: 20.3/15

Left Out: -79.373+/-1058.165 χ^2/NDF:0.0/0

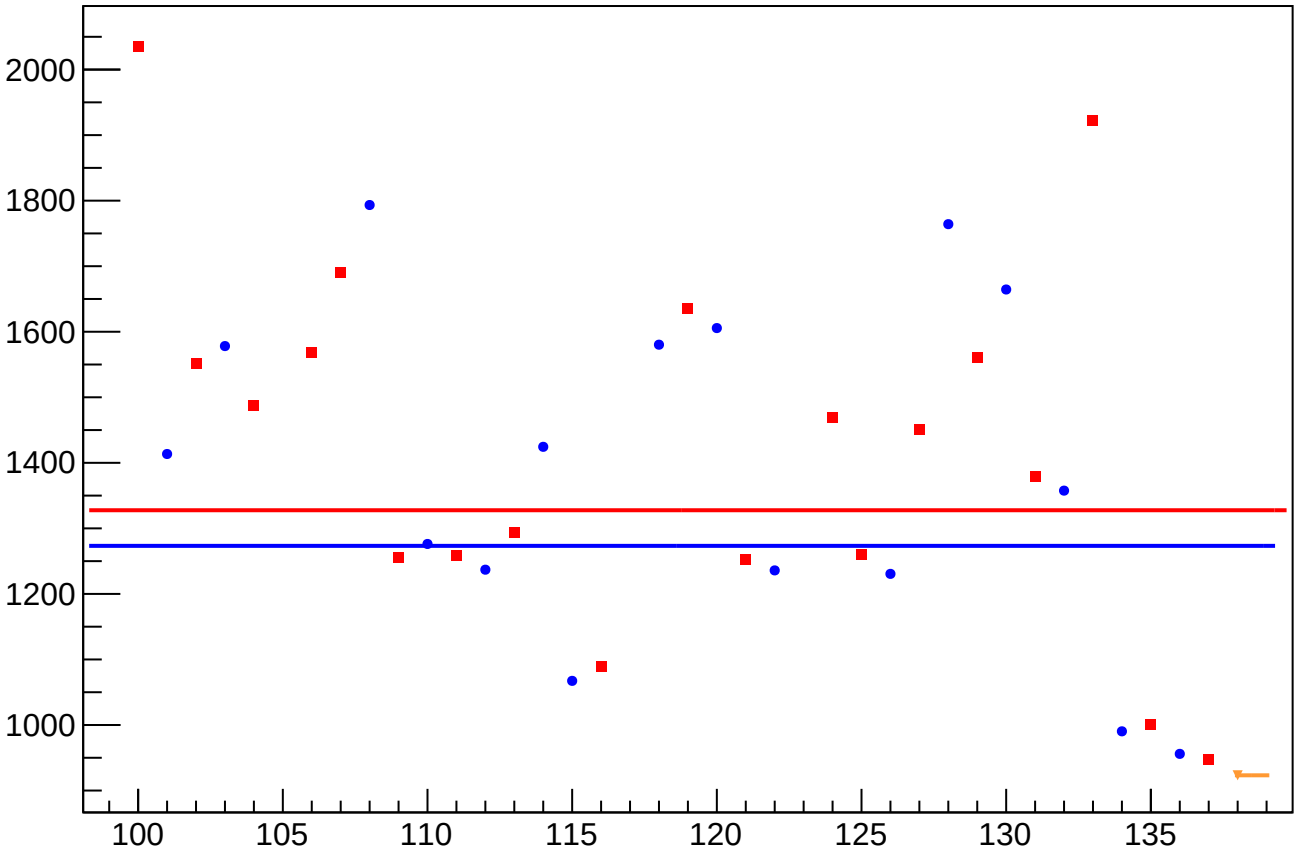
Right Out: -1029.395+/-497.018 χ^2/NDF: 11.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -573.009+/-442.007 χ^2/NDF: 20.5/16

All: -774.557+/-330.290 χ^2/NDF: 32.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1273.327+/-0.344 χ^2/NDF: 597547.8/15

Left Out: 923.245+/-0.748 χ^2/NDF:0.0/0

Right Out: 1327.661+/-0.351 χ^2/NDF: 458481.2/18

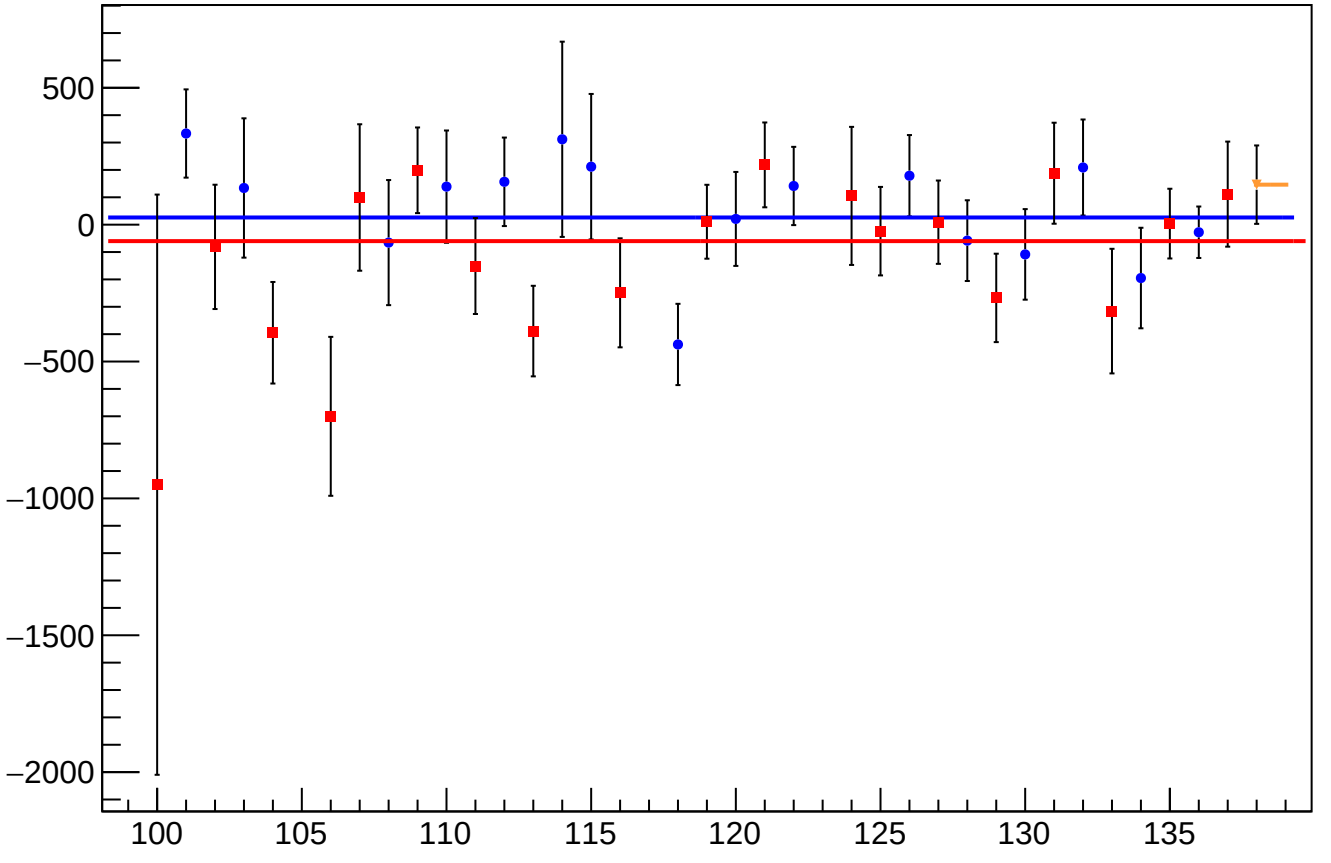
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1212.244+/-0.313 χ^2/NDF: 778260.6/16

All: 1263.214+/-0.234 χ^2/NDF: 1296963.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 26.251+/-41.220 χ^2/NDF: 21.4/15

Left Out: 146.165+/-143.225 χ^2/NDF:0.0/0

Right Out: -60.119+/-41.528 χ^2/NDF: 27.0/18

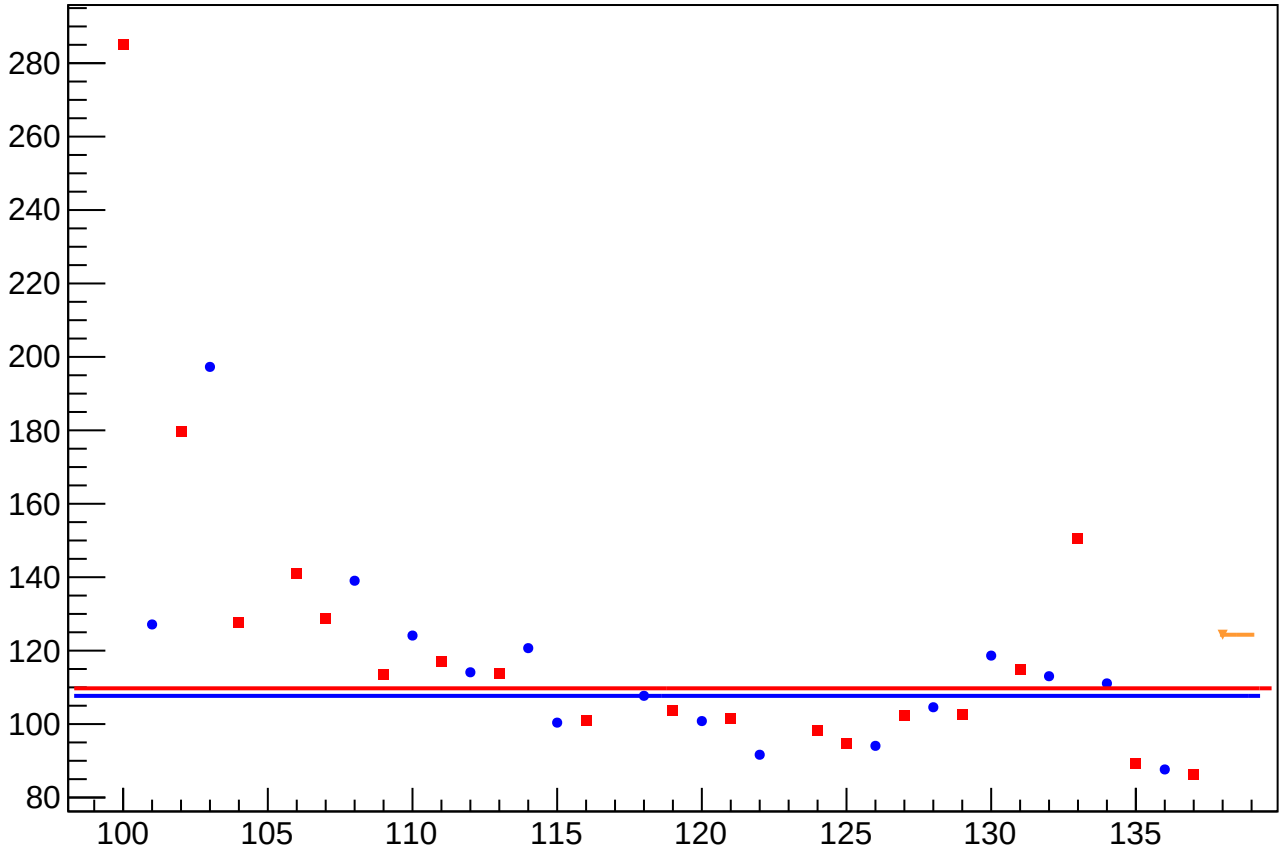
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.423+/-39.612 χ^2/NDF: 22.0/16

All: -10.093+/-28.663 χ^2/NDF: 51.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 107.680+/-0.029 χ^2/NDF: 483125.6/15

Left Out: 124.332+/-0.101 χ^2/NDF:0.0/0

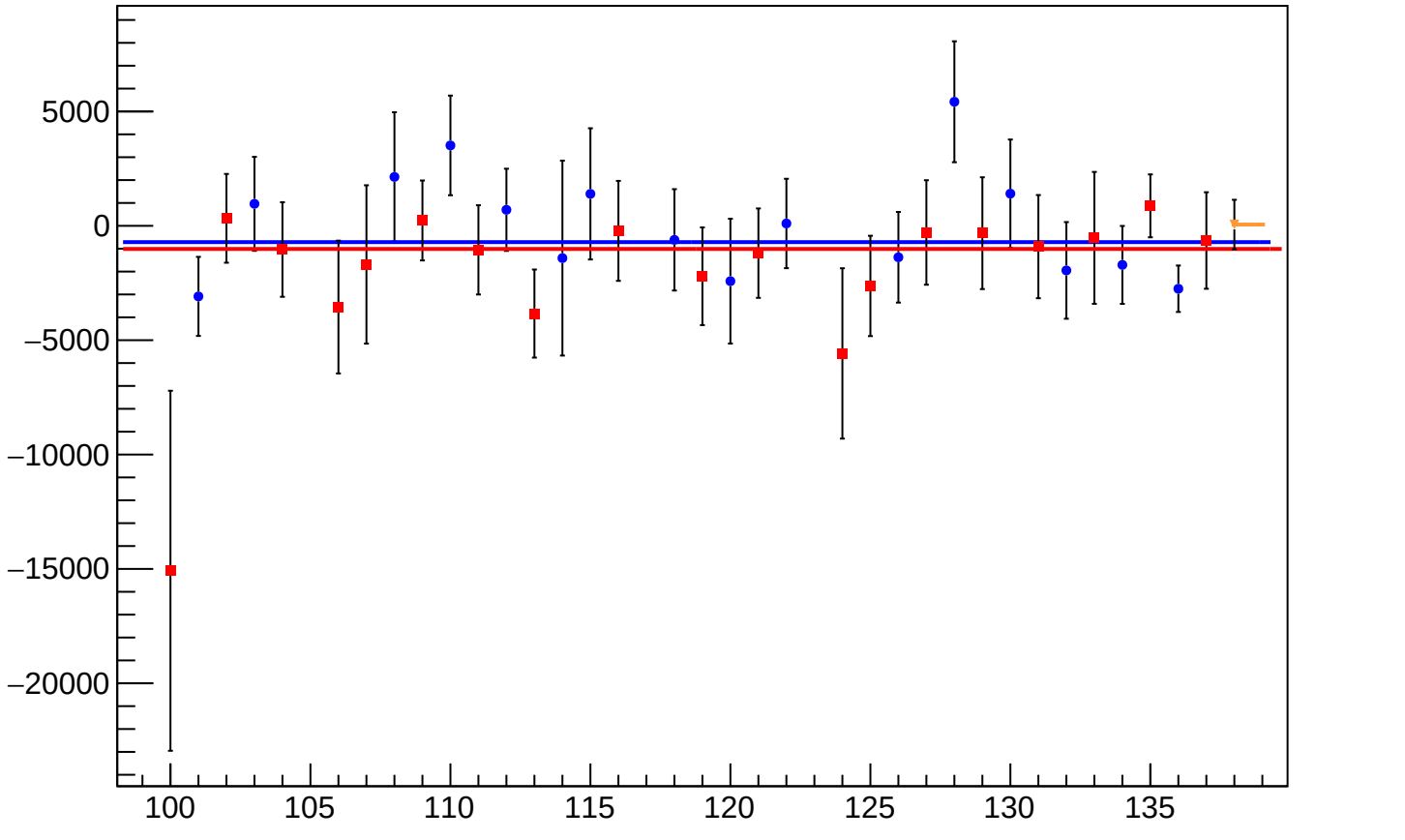
Right Out: 109.739+/-0.029 χ^2/NDF: 491787.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 108.954+/-0.028 χ^2/NDF: 508093.9/16

All: 109.328+/-0.020 χ^2/NDF: 1000256.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -712.887+/-493.253 χ^2/NDF: 20.1/15

Left Out: 55.943+/-1083.043 χ^2/NDF:0.0/0

Right Out: -1010.557+/-501.374 χ^2/NDF: 11.8/18

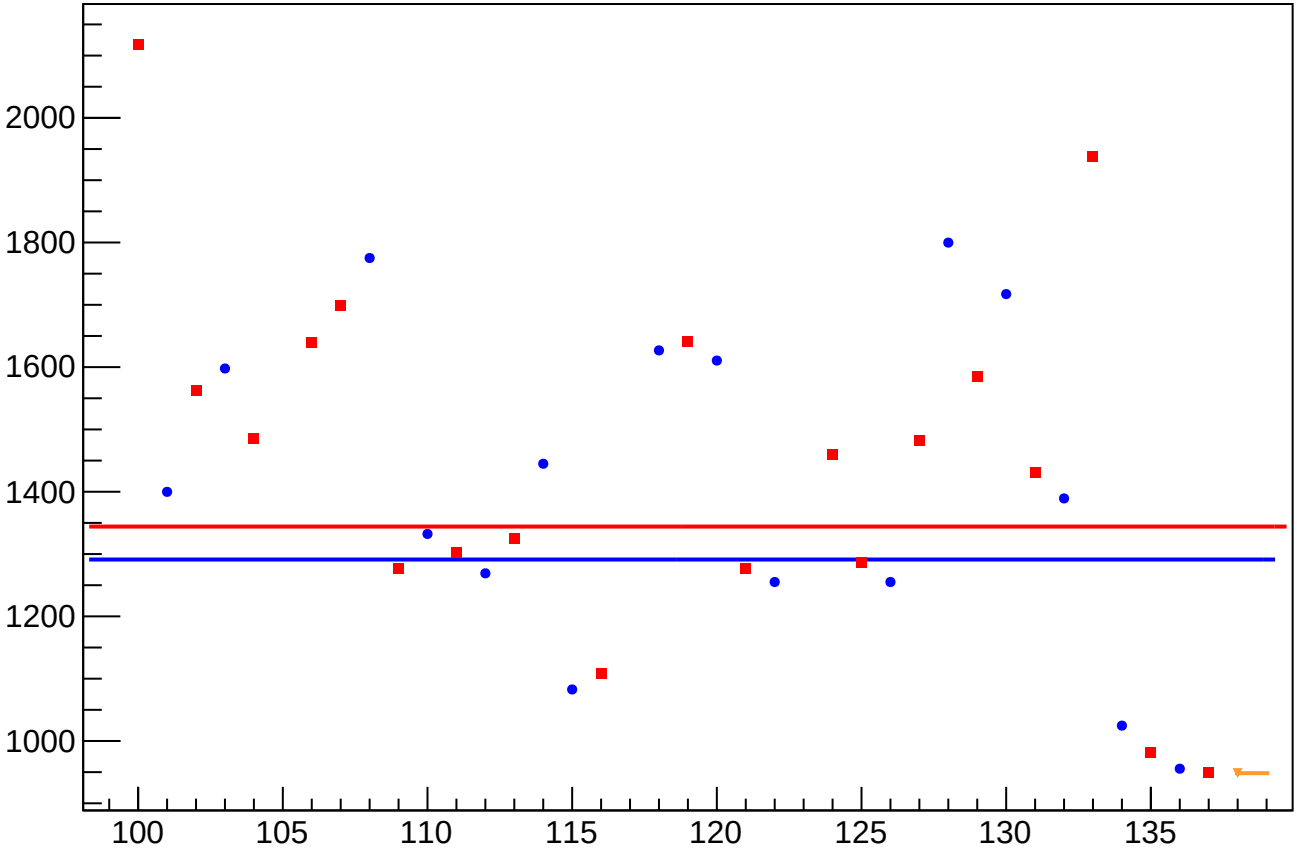
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -580.812+/-448.891 χ^2/NDF: 20.5/16

All: -772.022+/-334.435 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1291.223+/-0.349 χ^2/NDF: 610897.3/15

Left Out: 948.340+/-0.766 χ^2/NDF:0.0/0

Right Out: 1344.118+/-0.355 χ^2/NDF: 490963.7/18

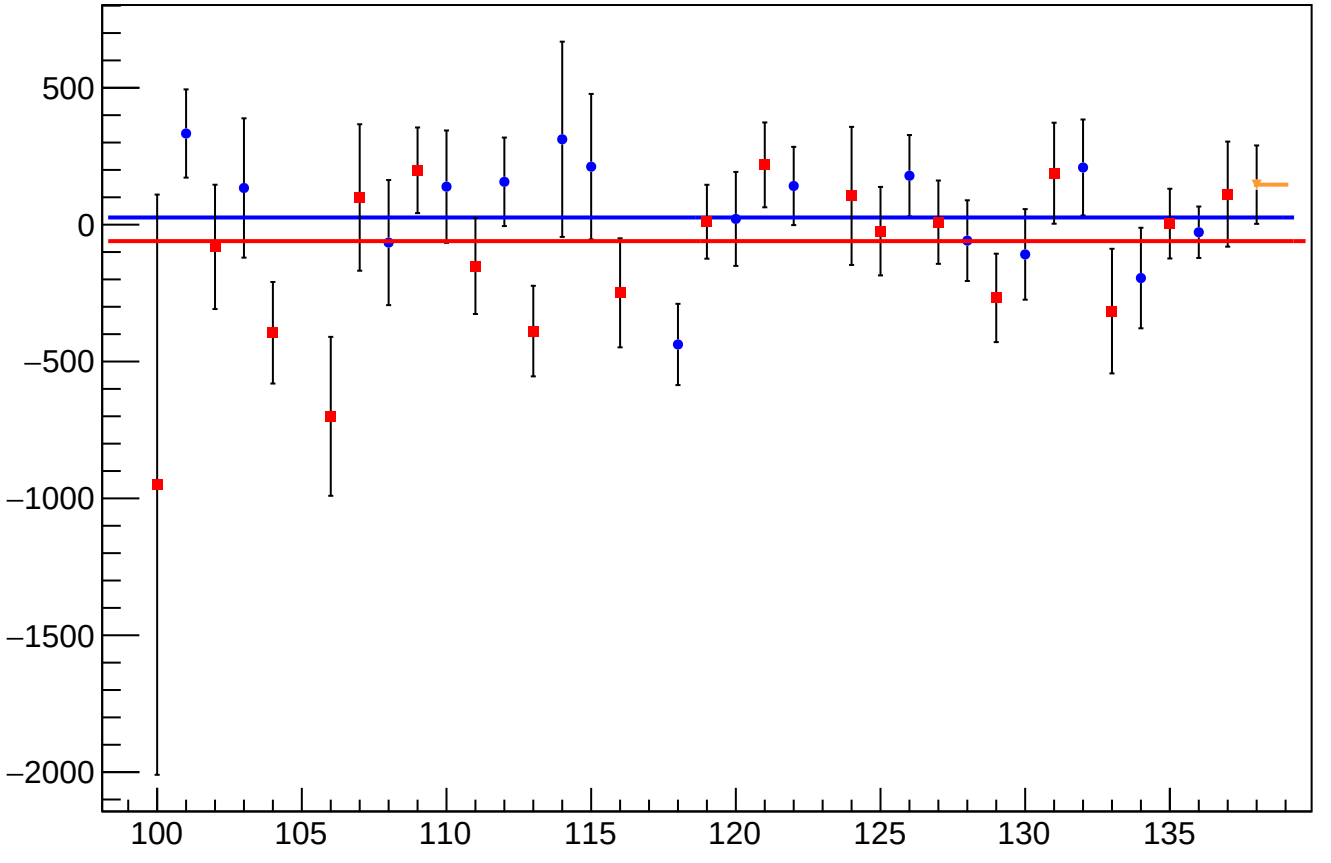
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1232.320+/-0.317 χ^2/NDF: 776921.7/16

All: 1282.063+/-0.236 χ^2/NDF: 1323082.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 26.252+/-41.219 χ^2/NDF: 21.4/15

Left Out: 146.158+/-143.224 χ^2/NDF:0.0/0

Right Out: -60.117+/-41.528 χ^2/NDF: 27.0/18

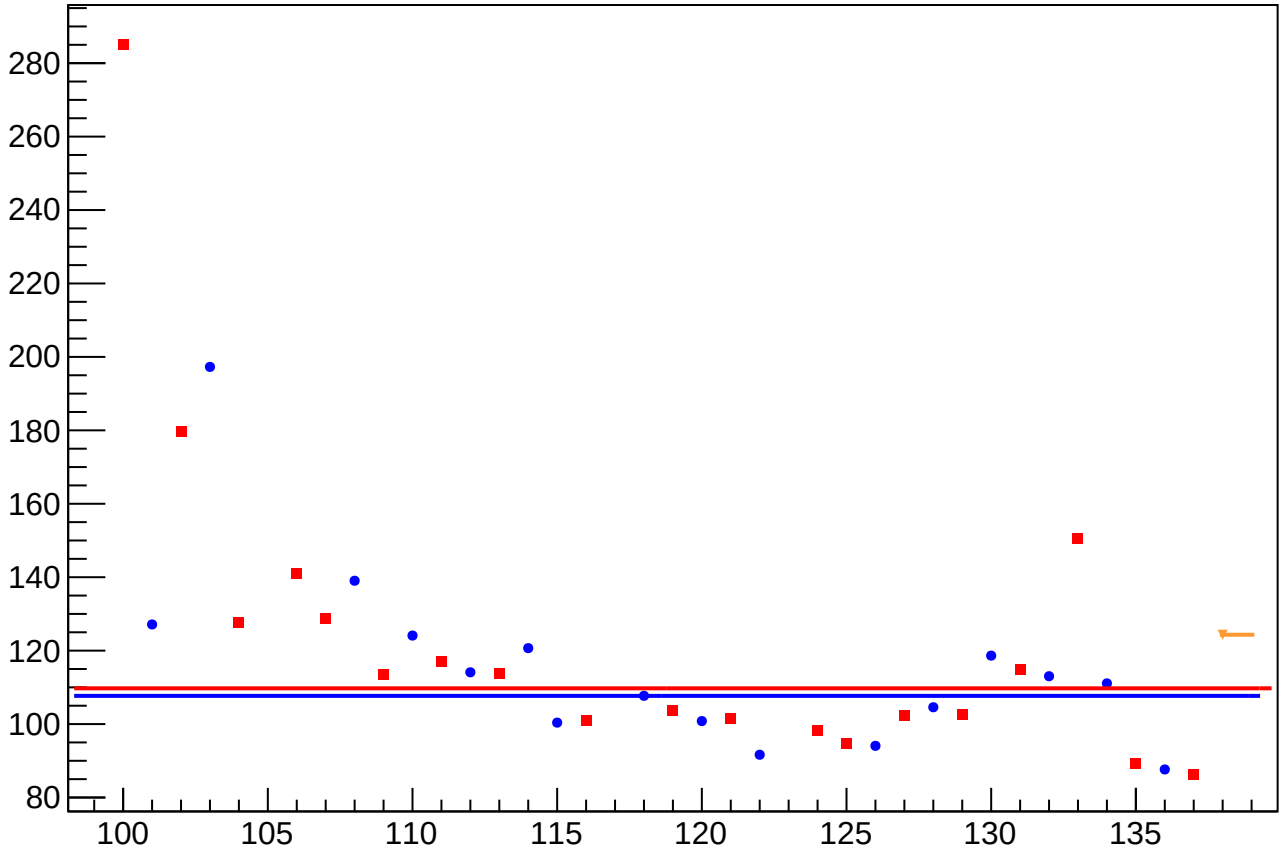
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.424+/-39.612 χ^2/NDF: 22.0/16

All: -10.092+/-28.663 χ^2/NDF: 51.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 107.679+/-0.029 χ^2/NDF: 483112.2/15

Left Out: 124.331+/-0.101 χ^2/NDF:0.0/0

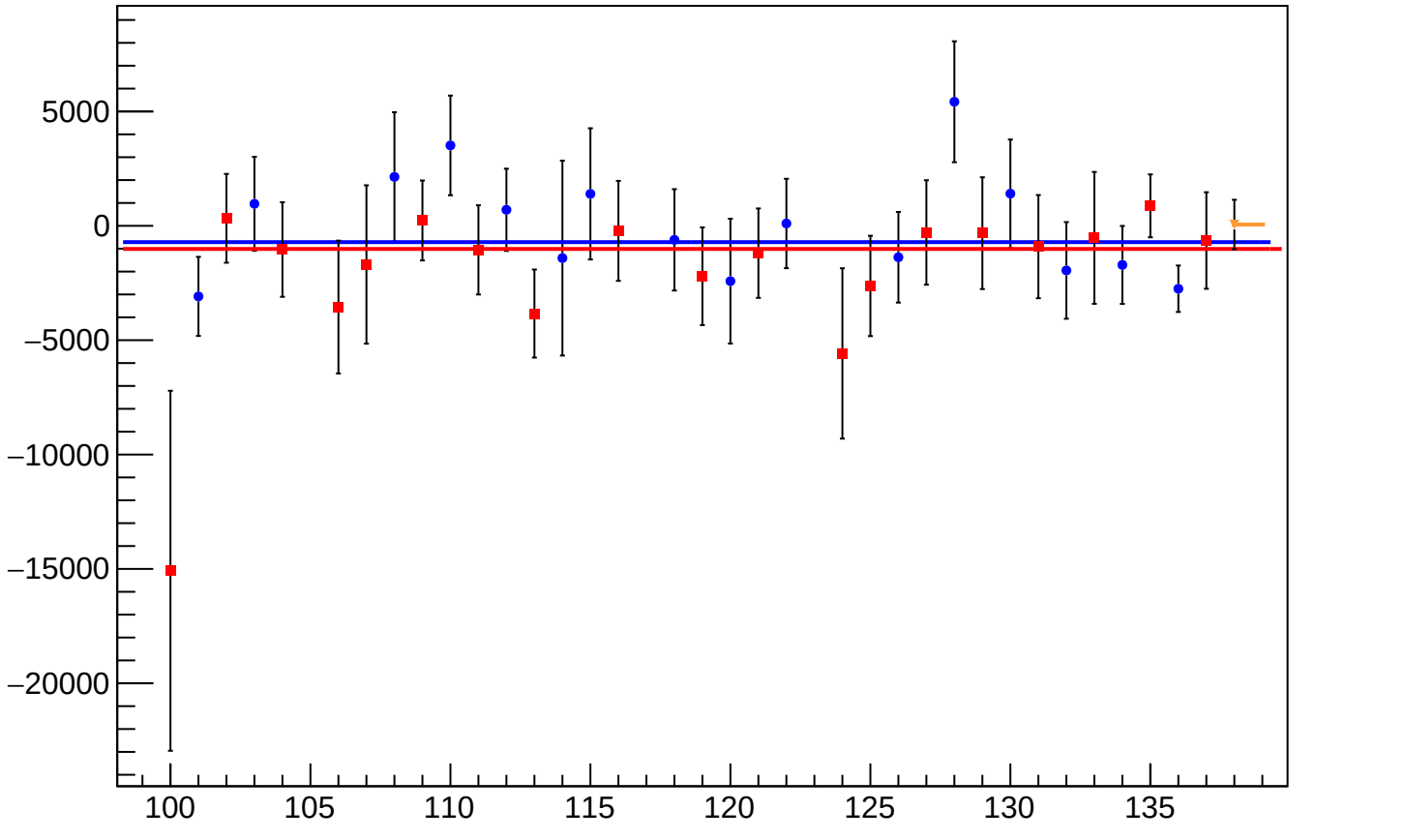
Right Out: 109.739+/-0.029 χ^2/NDF: 491784.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 108.953+/-0.028 χ^2/NDF: 508080.5/16

All: 109.327+/-0.020 χ^2/NDF: 1000240.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -712.881+/-493.252 χ^2/NDF: 20.1/15

Left Out: 55.935+/-1083.038 χ^2/NDF:0.0/0

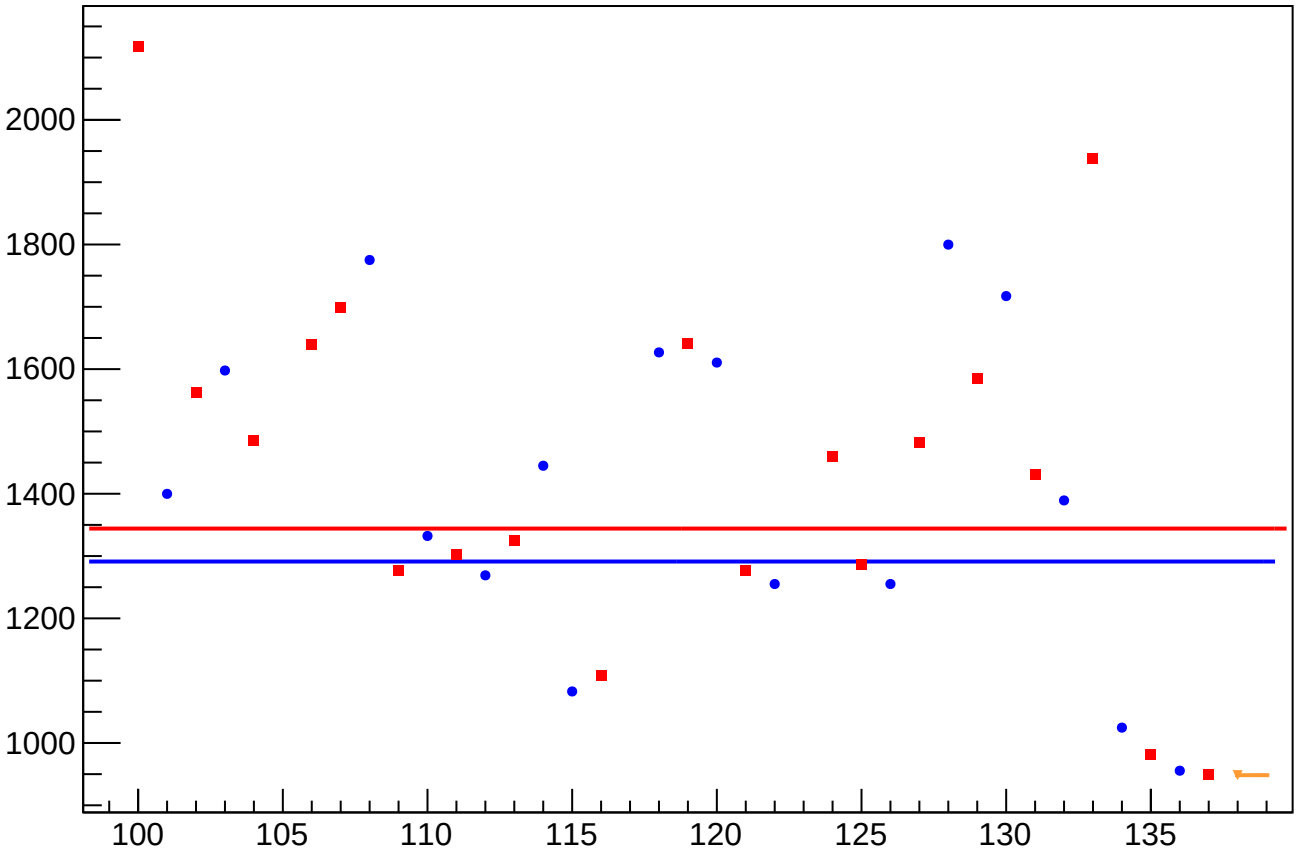
Right Out: -1010.556+/-501.373 χ^2/NDF: 11.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -580.808+/-448.889 χ^2/NDF: 20.5/16

All: -772.019+/-334.434 χ^2/NDF: 32.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1291.220+/-0.349 χ^2/NDF: 610894.9/15

Left Out: 948.335+/-0.766 χ^2/NDF:0.0/0

Right Out: 1344.115+/-0.355 χ^2/NDF: 490963.4/18

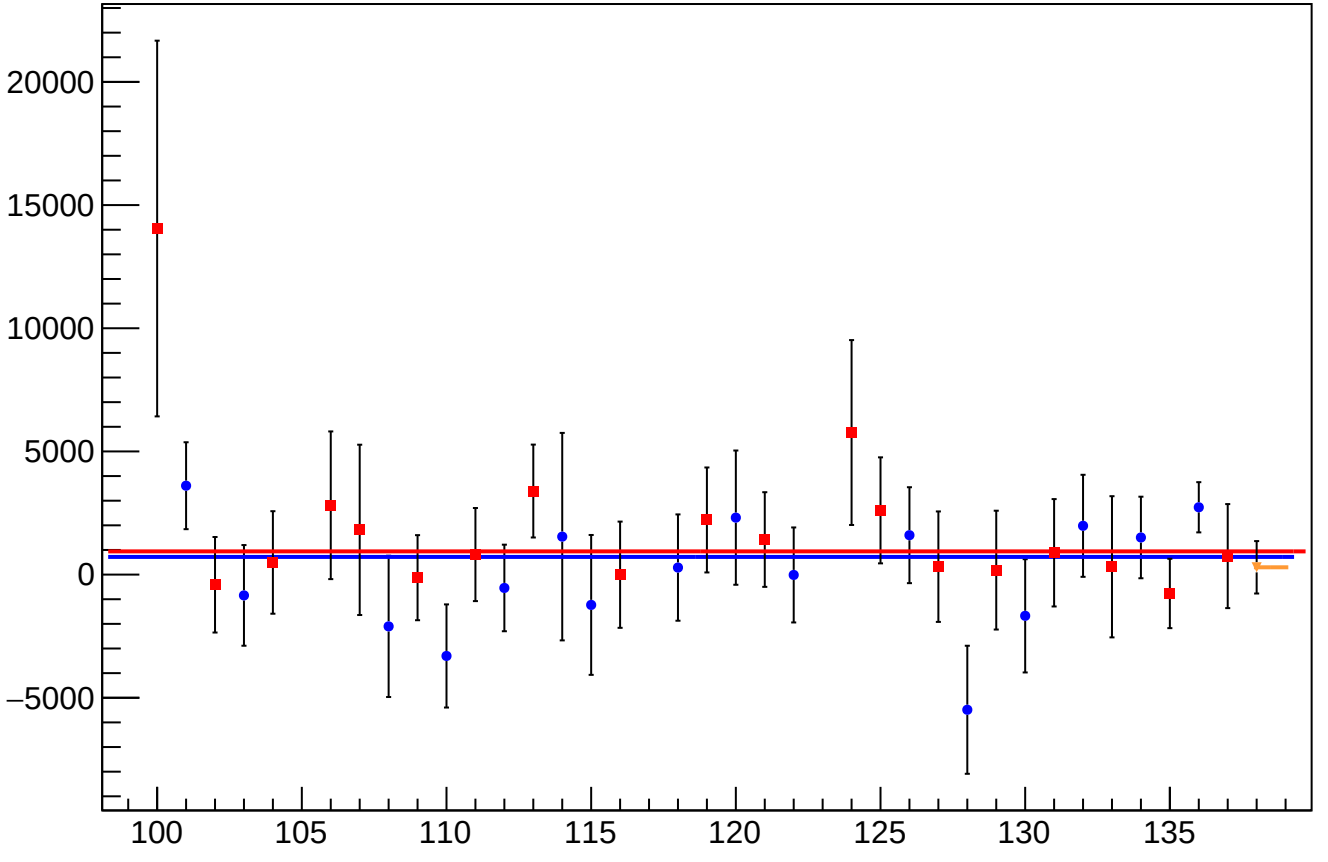
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1232.317+/-0.317 χ^2/NDF: 776922.5/16

All: 1282.060+/-0.236 χ^2/NDF: 1323083.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: 717.617+/-488.239 χ^2/NDF: 21.0/15

Left Out: 296.206+/-1063.947 χ^2/NDF:0.0/0

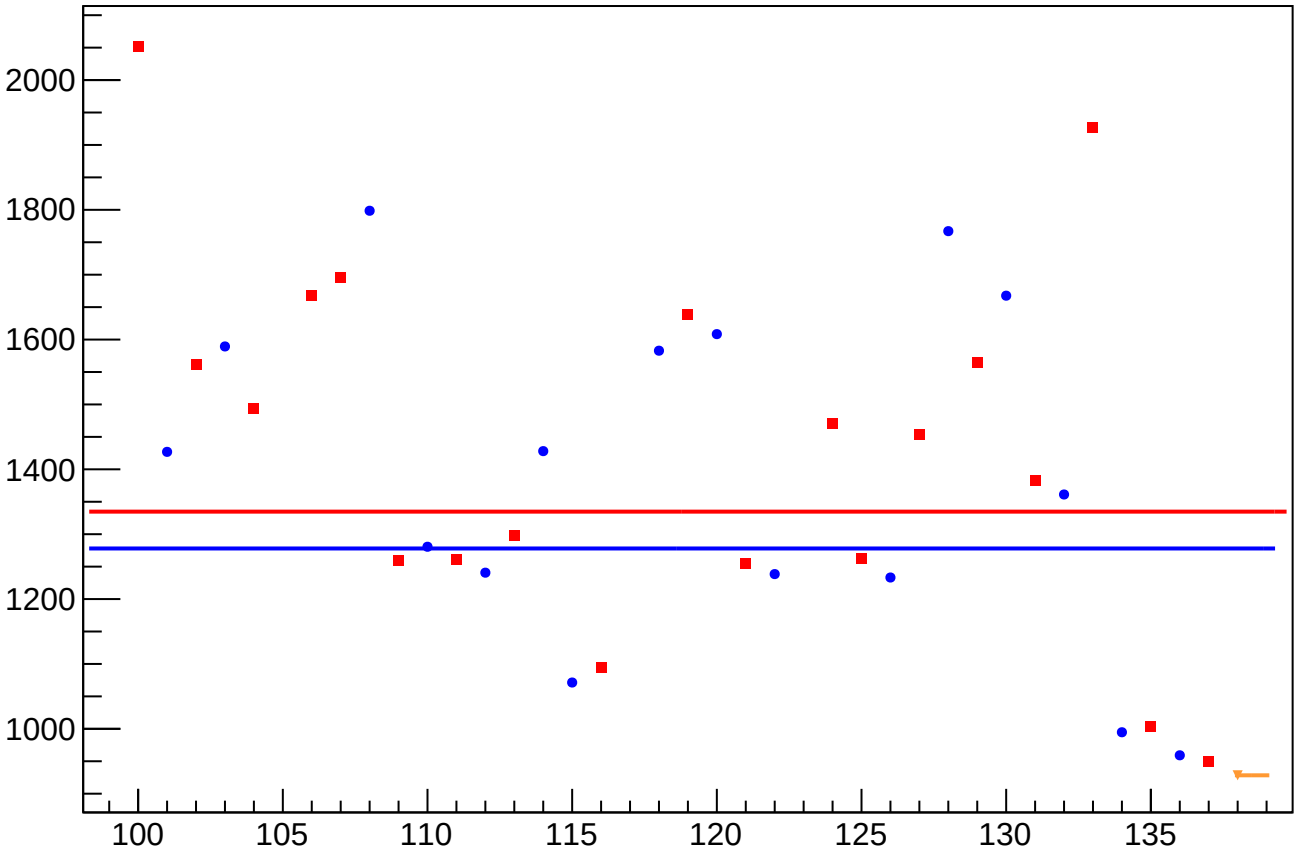
Right Out: 942.308+/-498.052 χ^2/NDF: 10.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 644.311+/-443.746 χ^2/NDF: 21.1/16

All: 776.184+/-331.318 χ^2/NDF: 31.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1277.979+/-0.345 χ^2/NDF: 597666.8/15

Left Out: 928.331+/-0.752 χ^2/NDF:0.0/0

Right Out: 1334.775+/-0.352 χ^2/NDF: 471897.2/18

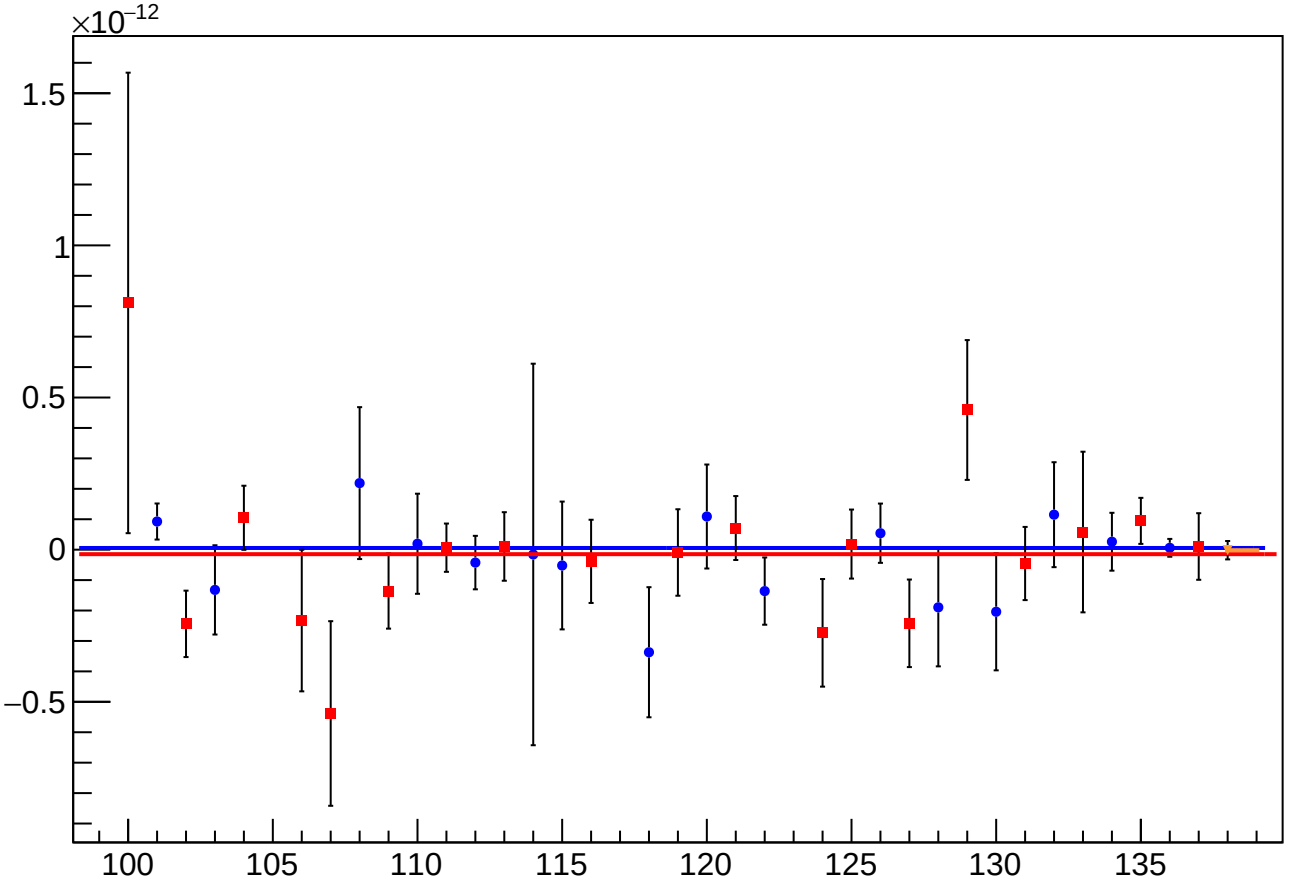
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1217.157+/-0.314 χ^2/NDF: 776092.4/16

All: 1269.206+/-0.234 χ^2/NDF: 1310169.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 11.6/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

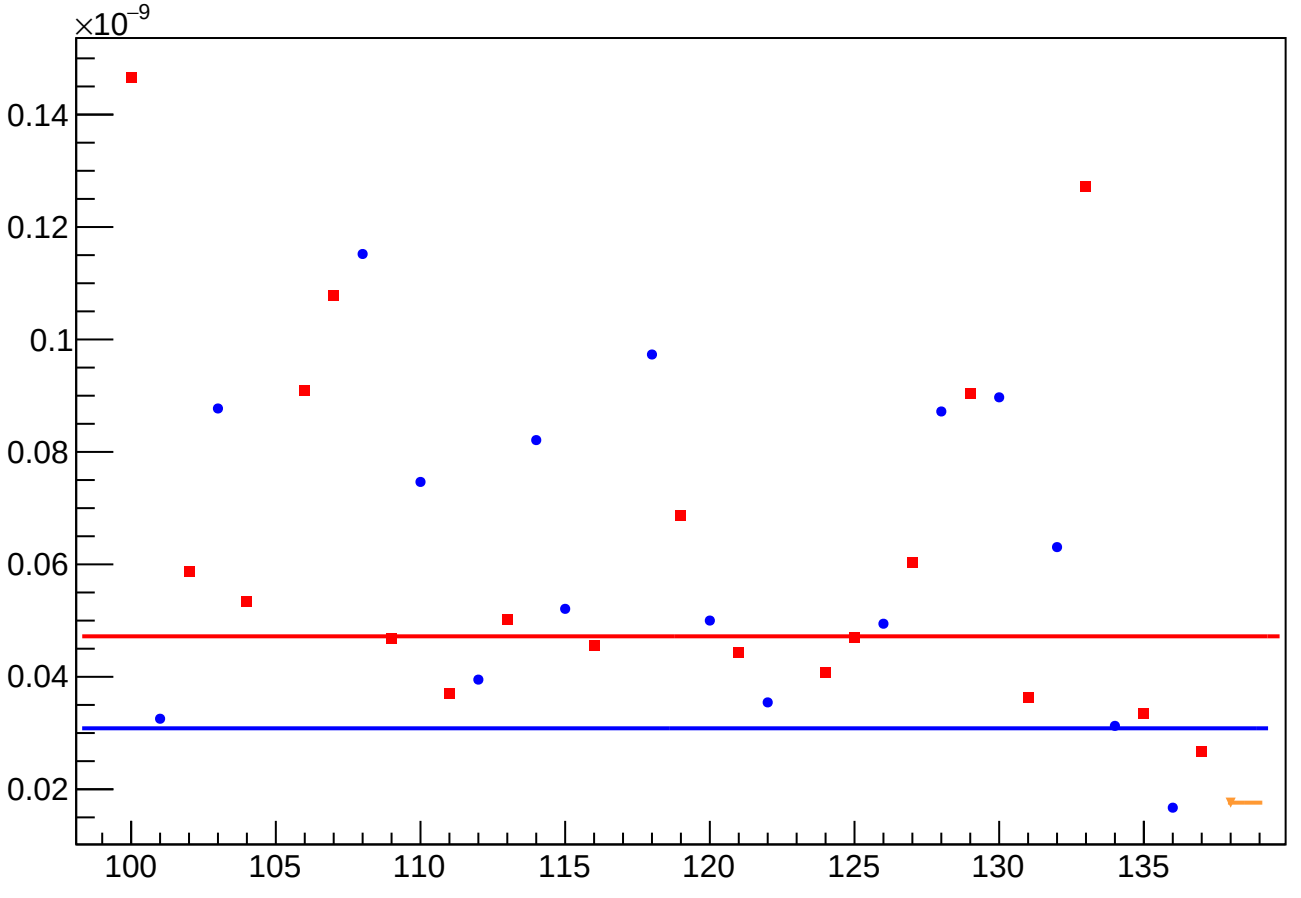
Right Out: -0.000+/-0.000 χ^2/NDF: 23.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 11.7/16

All: -0.000+/-0.000 χ^2/NDF: 35.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1912879.1/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 722091.3/18

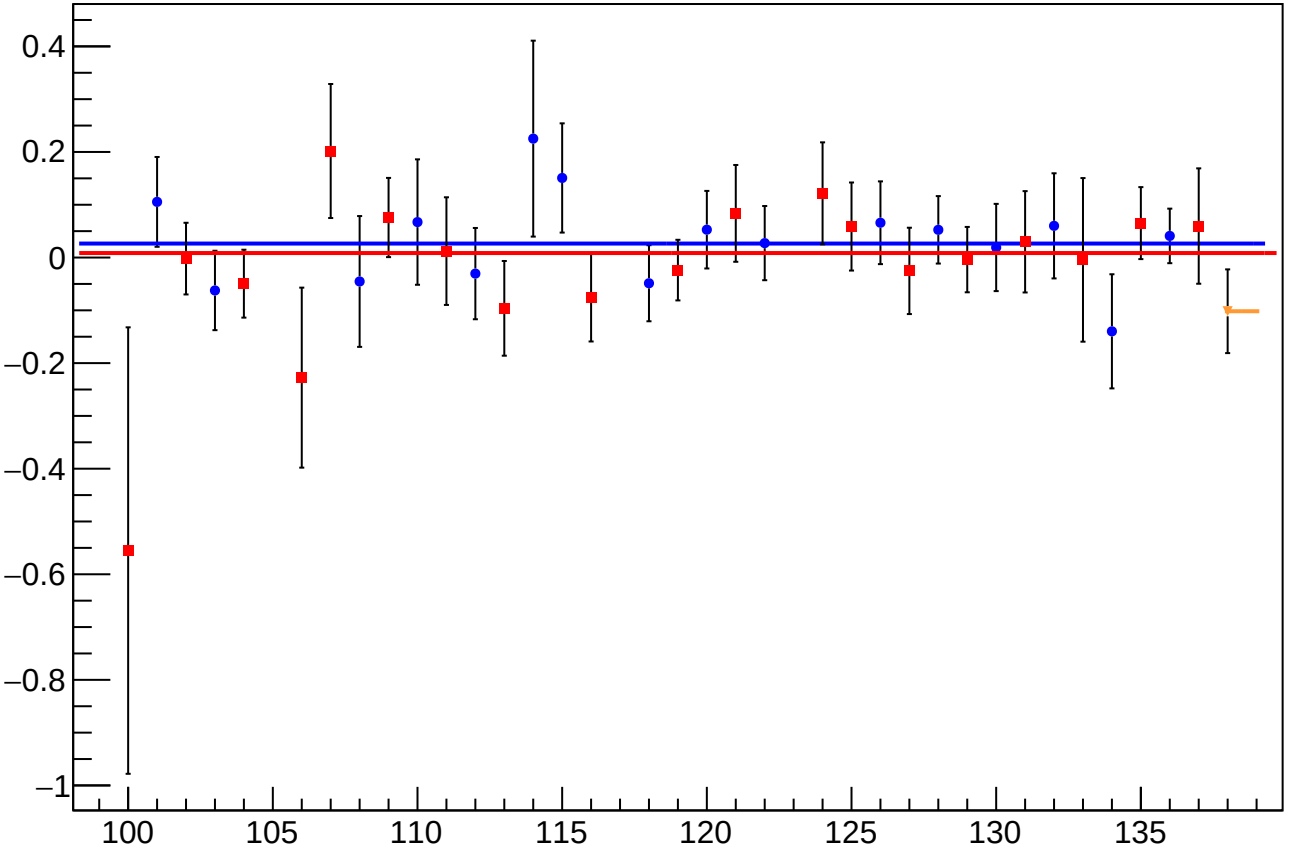
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2166609.4/16

All: 0.000+/-0.000 χ^2/NDF: 3657886.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.026+/-0.020 χ^2/NDF: 9.9/15

Left Out: -0.102+/-0.079 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.019 χ^2/NDF: 13.9/18

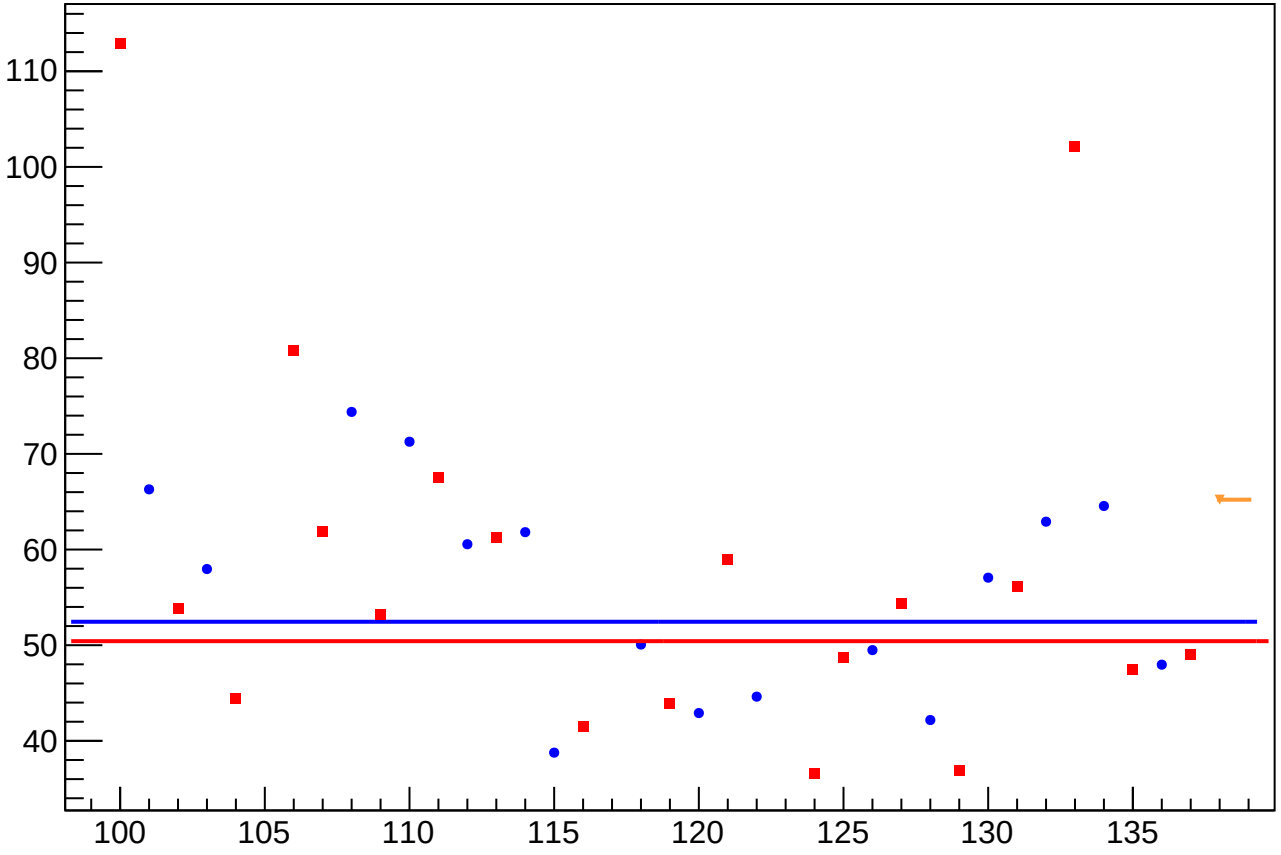
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.020 χ^2/NDF: 12.4/16

All: 0.013+/-0.014 χ^2/NDF: 26.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 52.451+/-0.014 χ^2/NDF: 418014.5/15

Left Out: 65.213+/-0.056 χ^2/NDF:0.0/0

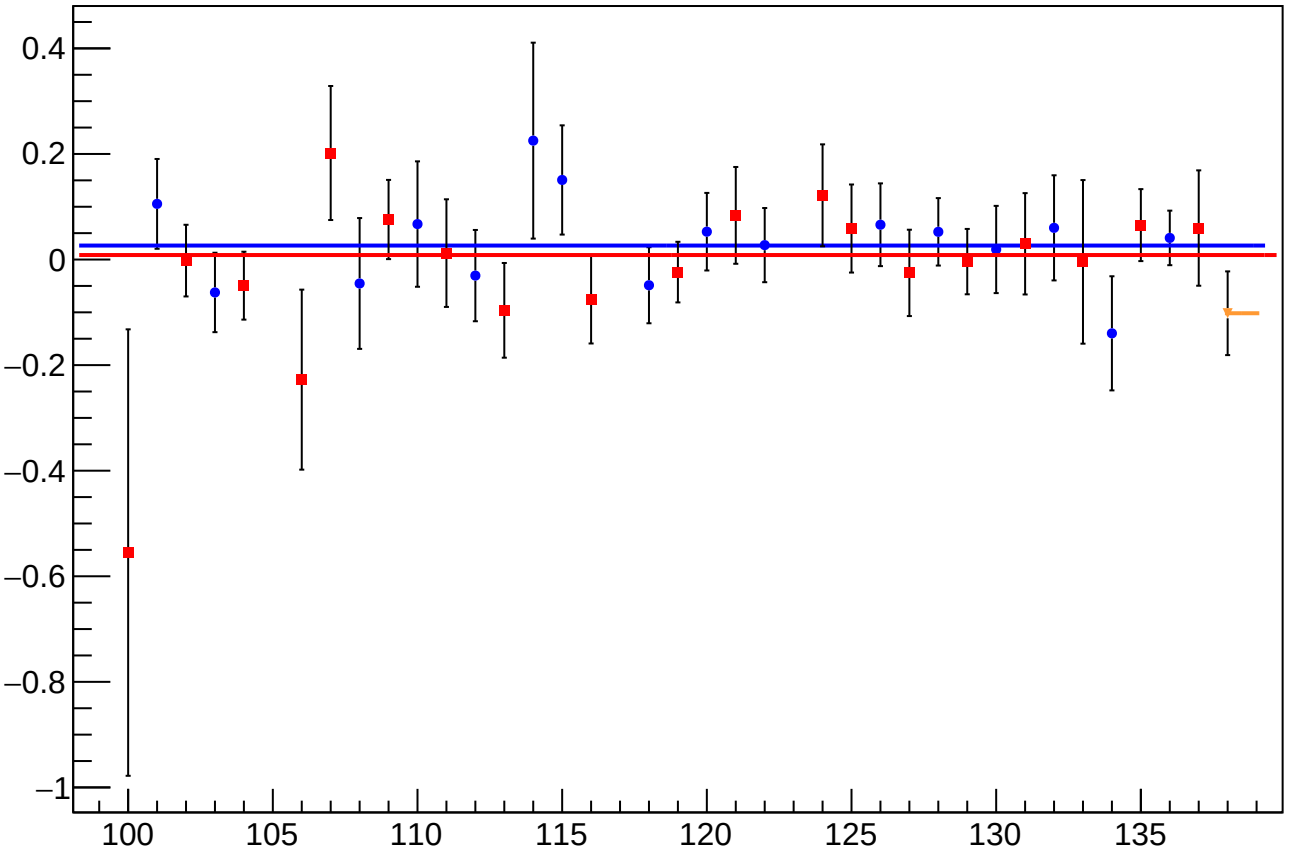
Right Out: 50.423+/-0.014 χ^2/NDF: 676747.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.243+/-0.014 χ^2/NDF: 466601.9/16

All: 51.813+/-0.010 χ^2/NDF: 1164013.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.026+/-0.020 χ^2/NDF: 9.9/15

Left Out: -0.102+/-0.079 χ^2/NDF:0.0/0

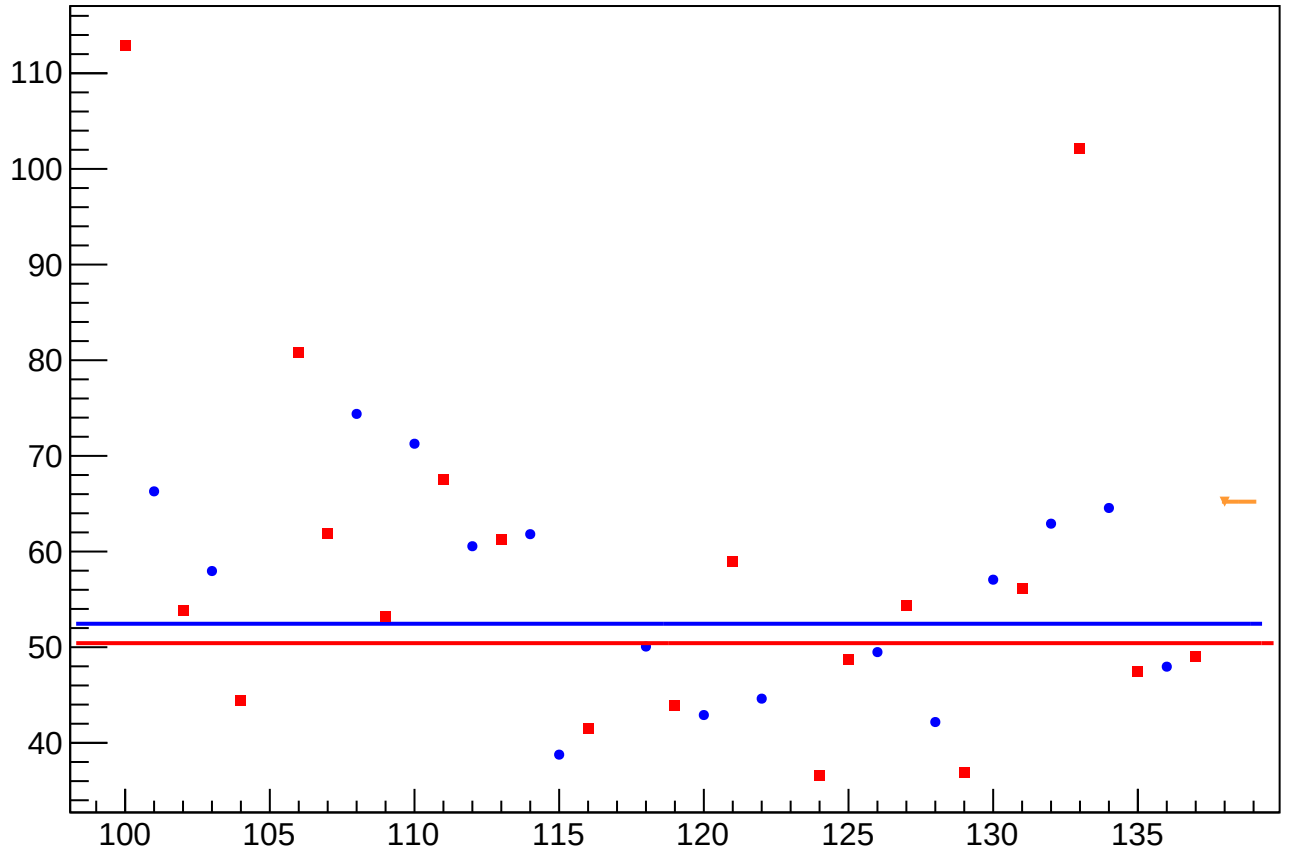
Right Out: 0.009+/-0.019 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.019+/-0.020 χ^2/NDF: 12.4/16

All: 0.013+/-0.014 χ^2/NDF: 26.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 52.451+/-0.014 χ^2/NDF: 418014.5/15

Left Out: 65.213+/-0.056 χ^2/NDF:0.0/0

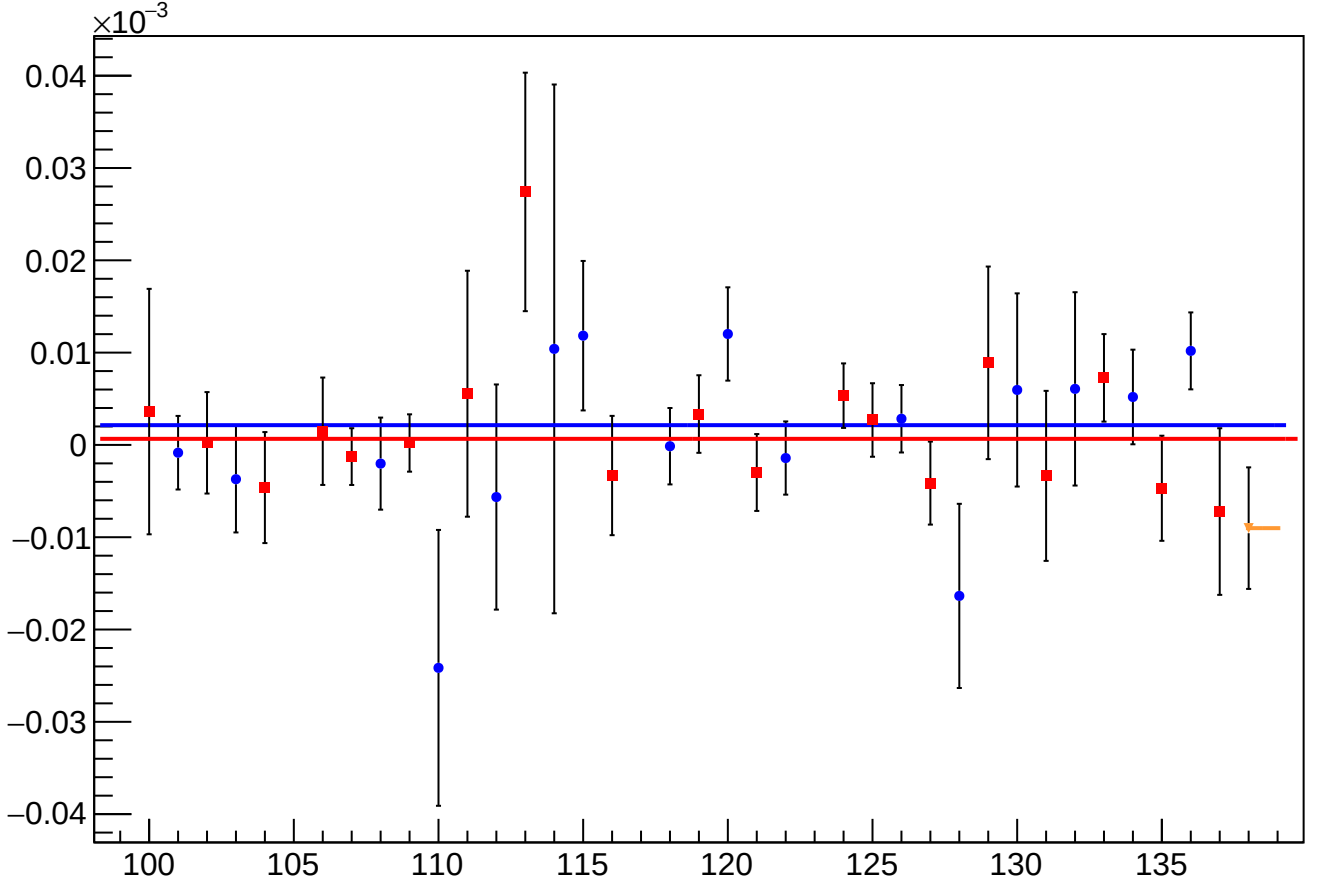
Right Out: 50.423+/-0.014 χ^2/NDF: 676747.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.243+/-0.014 χ^2/NDF: 466601.9/16

All: 51.813+/-0.010 χ^2/NDF: 1164013.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 20.1/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

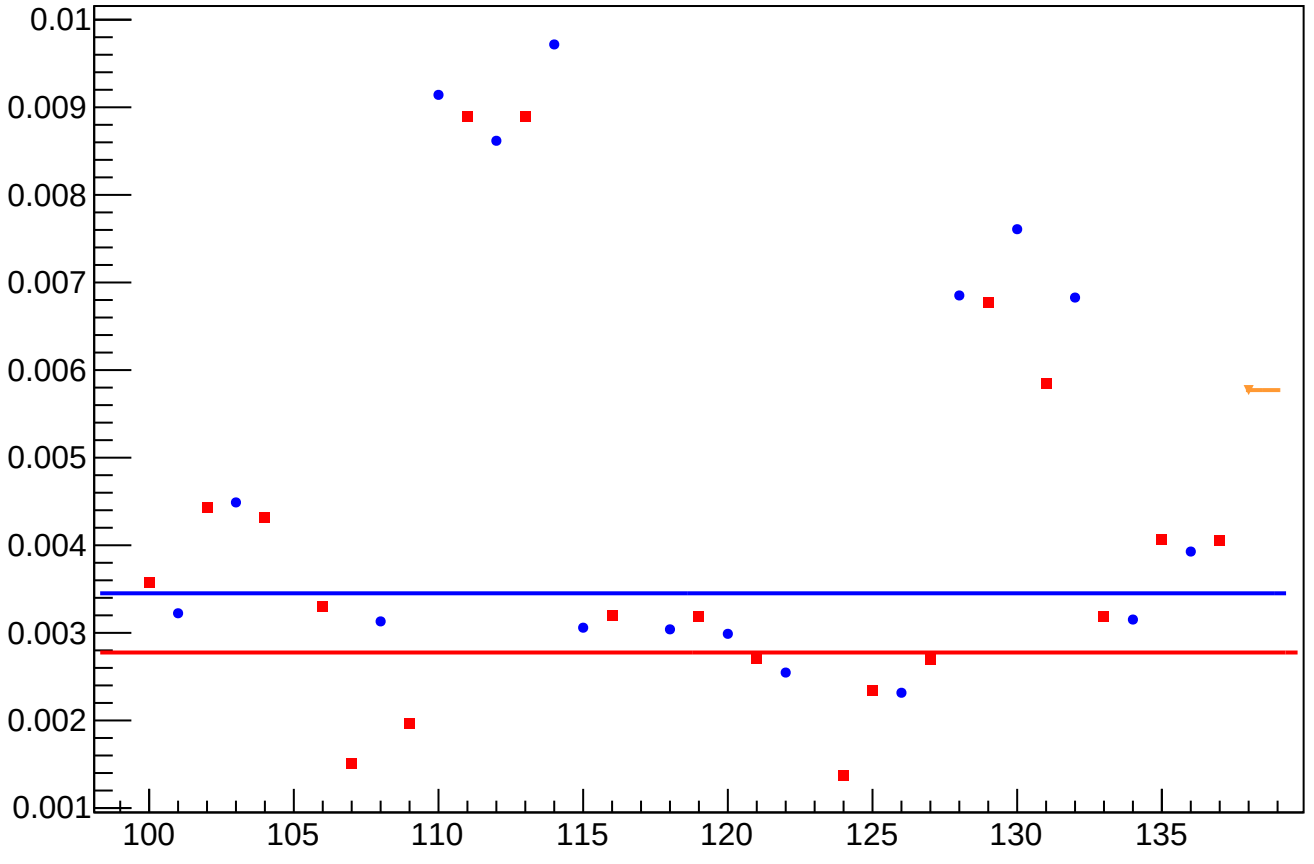
Right Out: 0.000+/-0.000 χ^2/NDF: 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 22.8/16

All: 0.000+/-0.000 χ^2/NDF: 38.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.003+/-0.000 χ^2/NDF: 1951102.6/15

Left Out: 0.006+/-0.000 χ^2/NDF:0.0/0

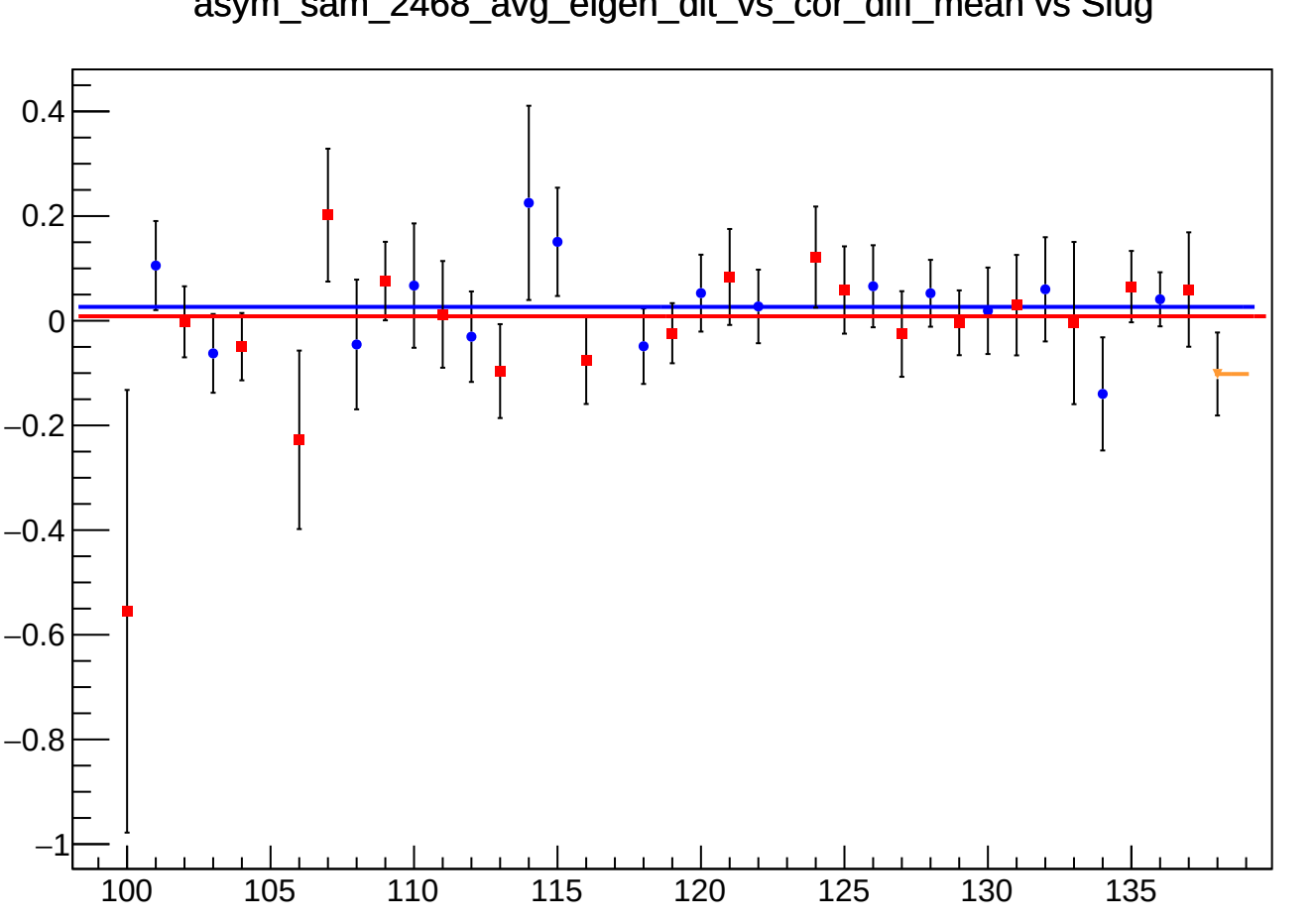
Right Out: 0.003+/-0.000 χ^2/NDF: 2734939.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.004+/-0.000 χ^2/NDF: 2188811.4/16

All: 0.003+/-0.000 χ^2/NDF: 5303443.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.026+/-0.020 χ^2/NDF: 9.9/15

Left Out: -0.102+/-0.079 χ^2/NDF:0.0/0

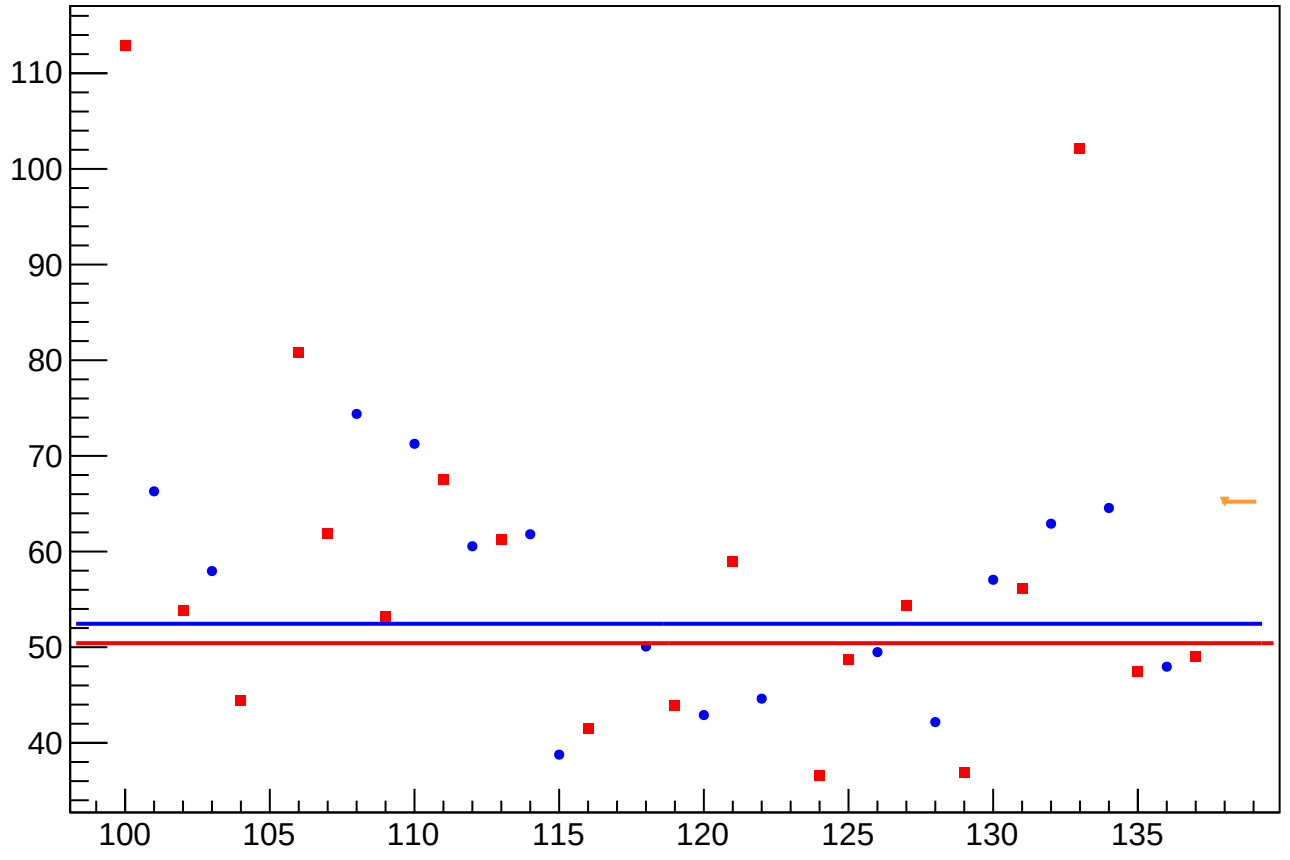
Right Out: 0.009+/-0.019 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.020 χ^2/NDF: 12.4/16

All: 0.013+/-0.014 χ^2/NDF: 26.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 52.450+/-0.014 χ^2/NDF: 417967.5/15

Left Out: 65.211+/-0.056 χ^2/NDF:0.0/0

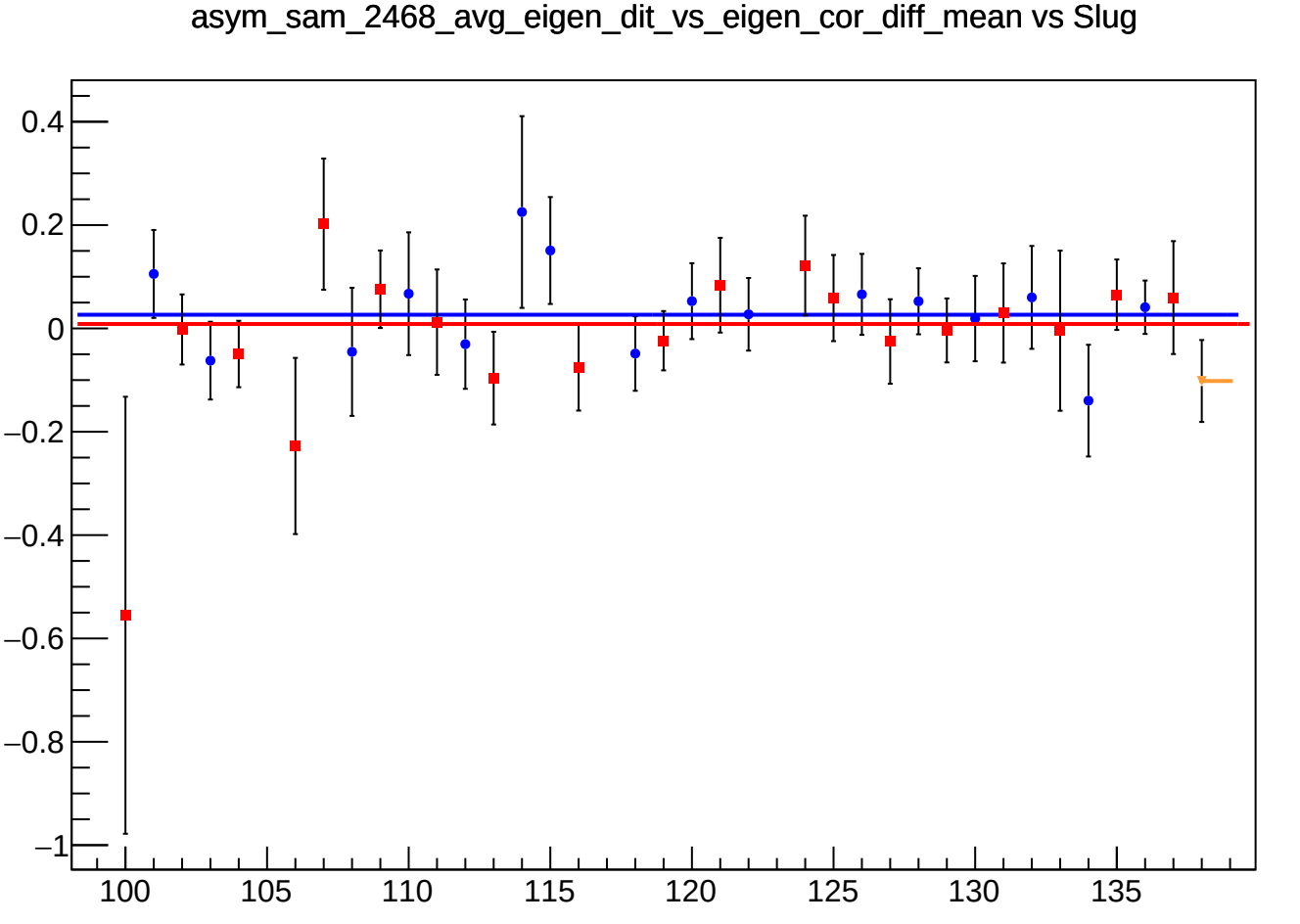
Right Out: 50.422+/-0.014 χ^2/NDF: 676753.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.242+/-0.014 χ^2/NDF: 466552.5/16

All: 51.812+/-0.010 χ^2/NDF: 1163970.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.026+/-0.020 χ^2/NDF: 9.9/15

Left Out: -0.102+/-0.079 χ^2/NDF:0.0/0

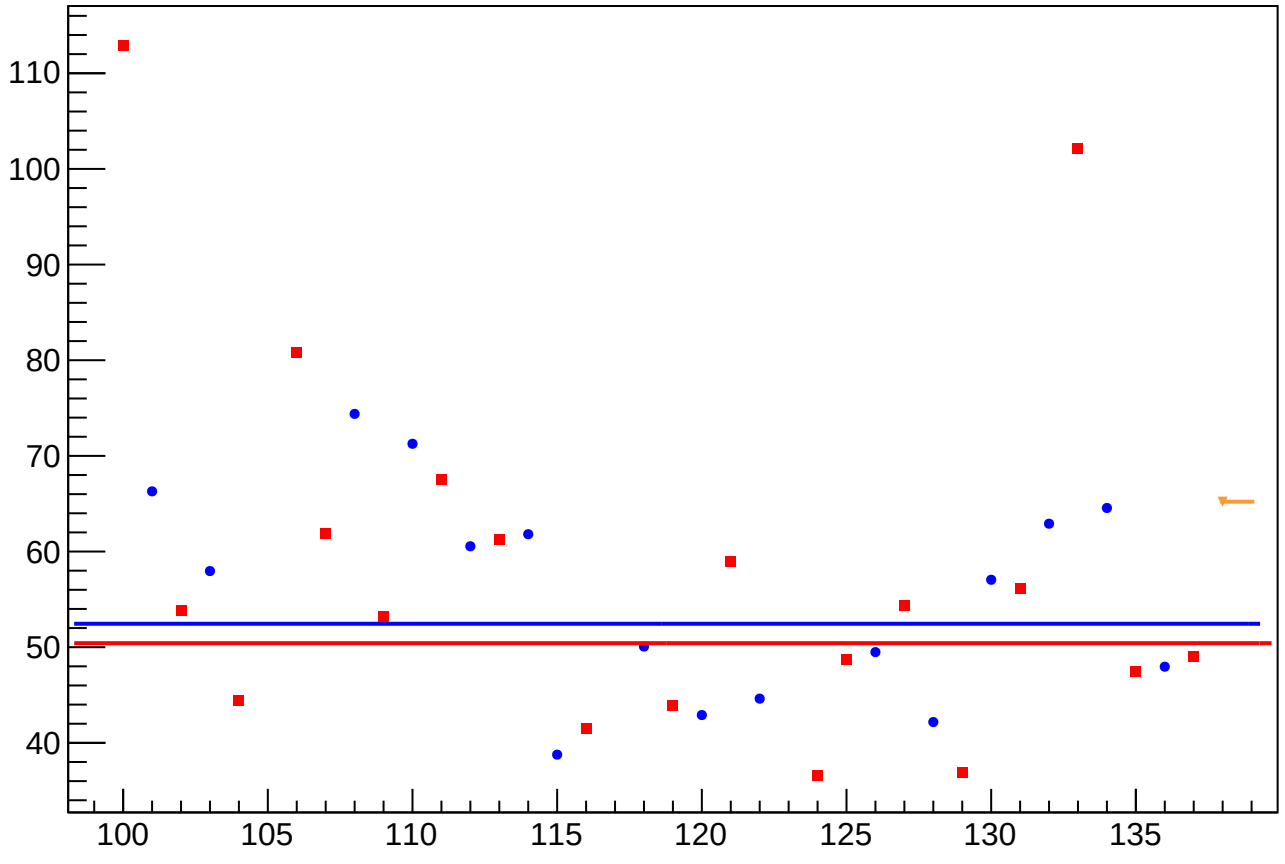
Right Out: 0.009+/-0.019 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 0.019+/-0.020 χ^2/NDF: 12.4/16

All: 0.013+/-0.014 χ^2/NDF: 26.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 52.450+/-0.014 χ^2/NDF: 417967.5/15

Left Out: 65.211+/-0.056 χ^2/NDF:0.0/0

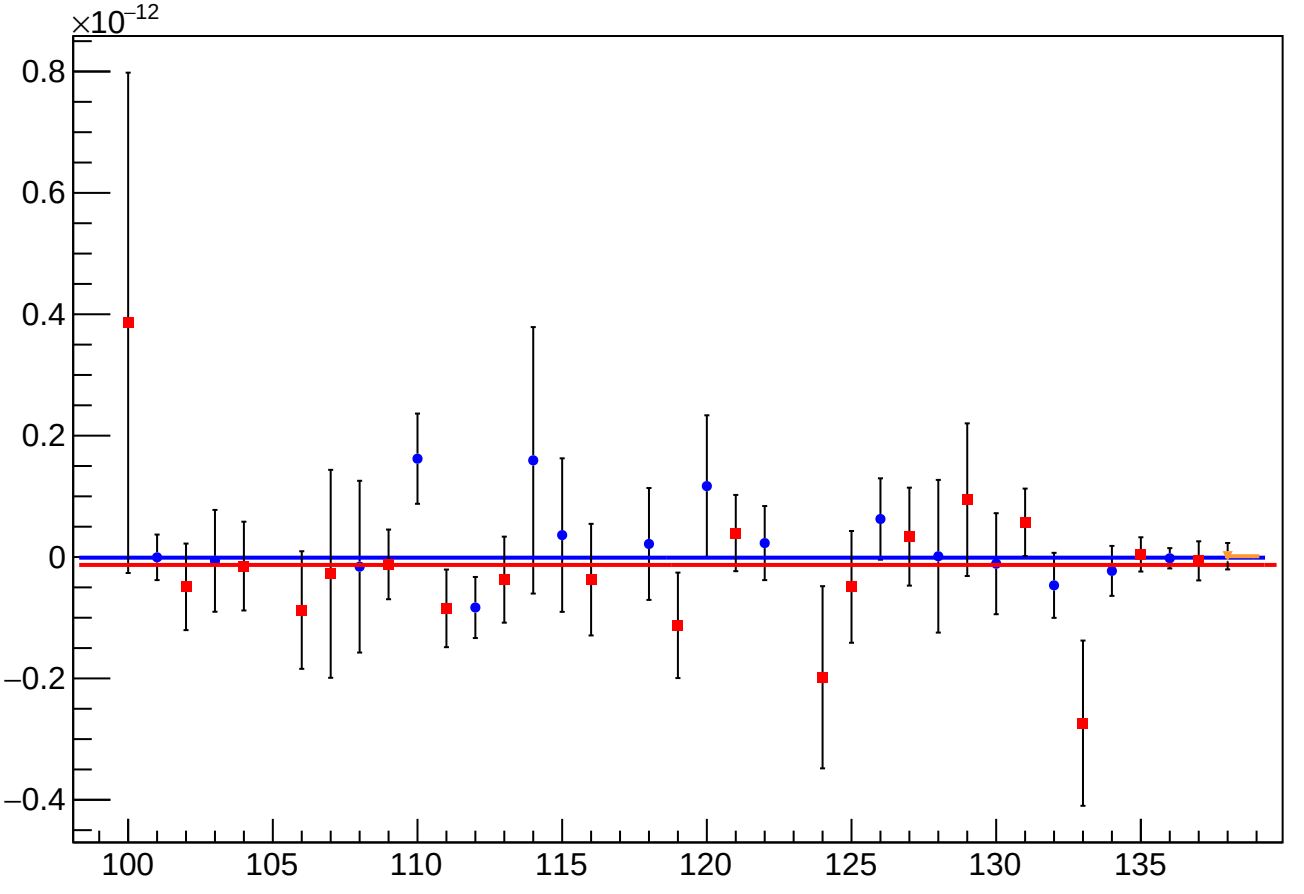
Right Out: 50.422+/-0.014 χ^2/NDF: 676753.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.242+/-0.014 χ^2/NDF: 466552.5/16

All: 51.812+/-0.010 χ^2/NDF: 1163970.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 11.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

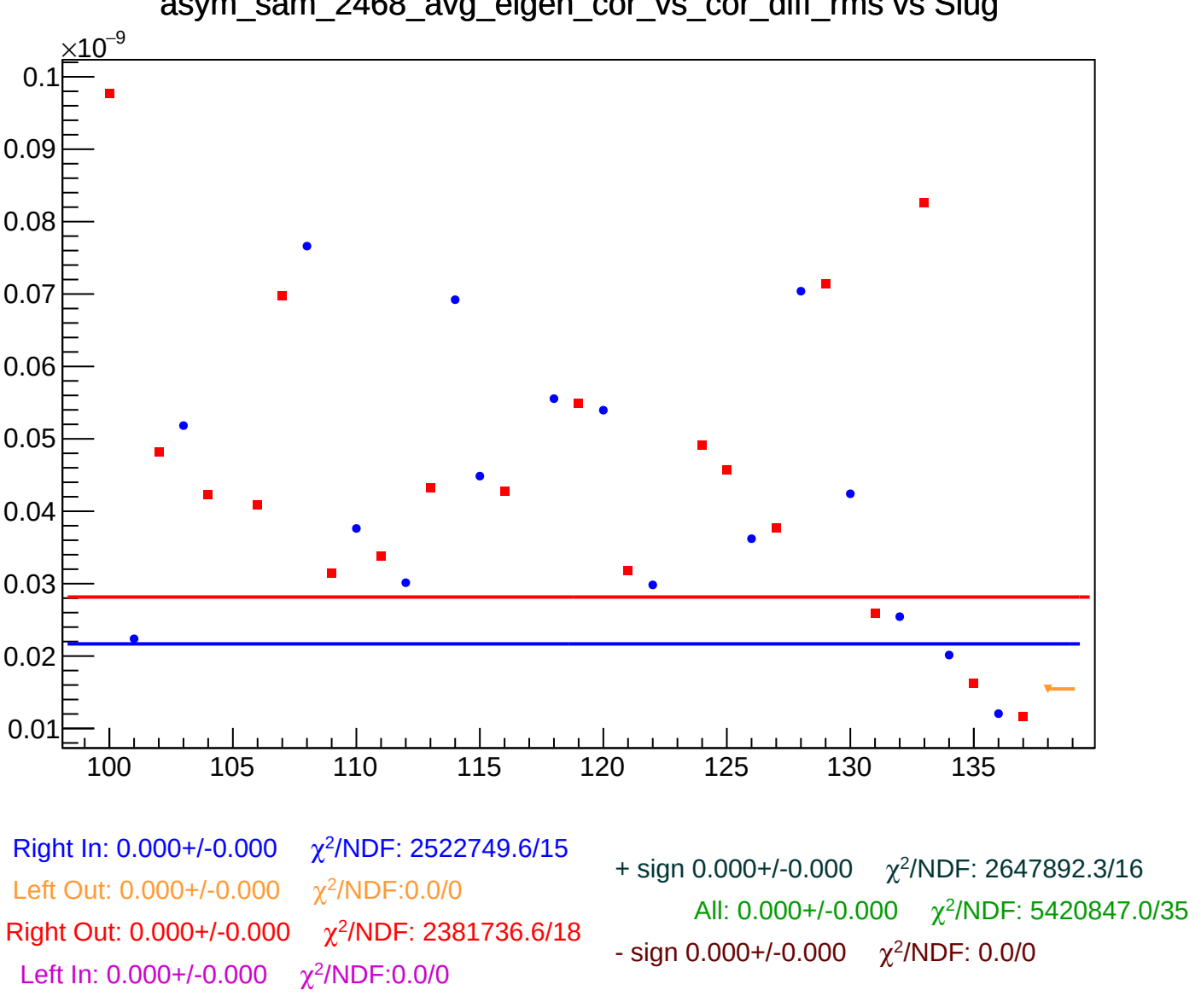
Right Out: -0.000+/-0.000 χ^2/NDF: 13.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

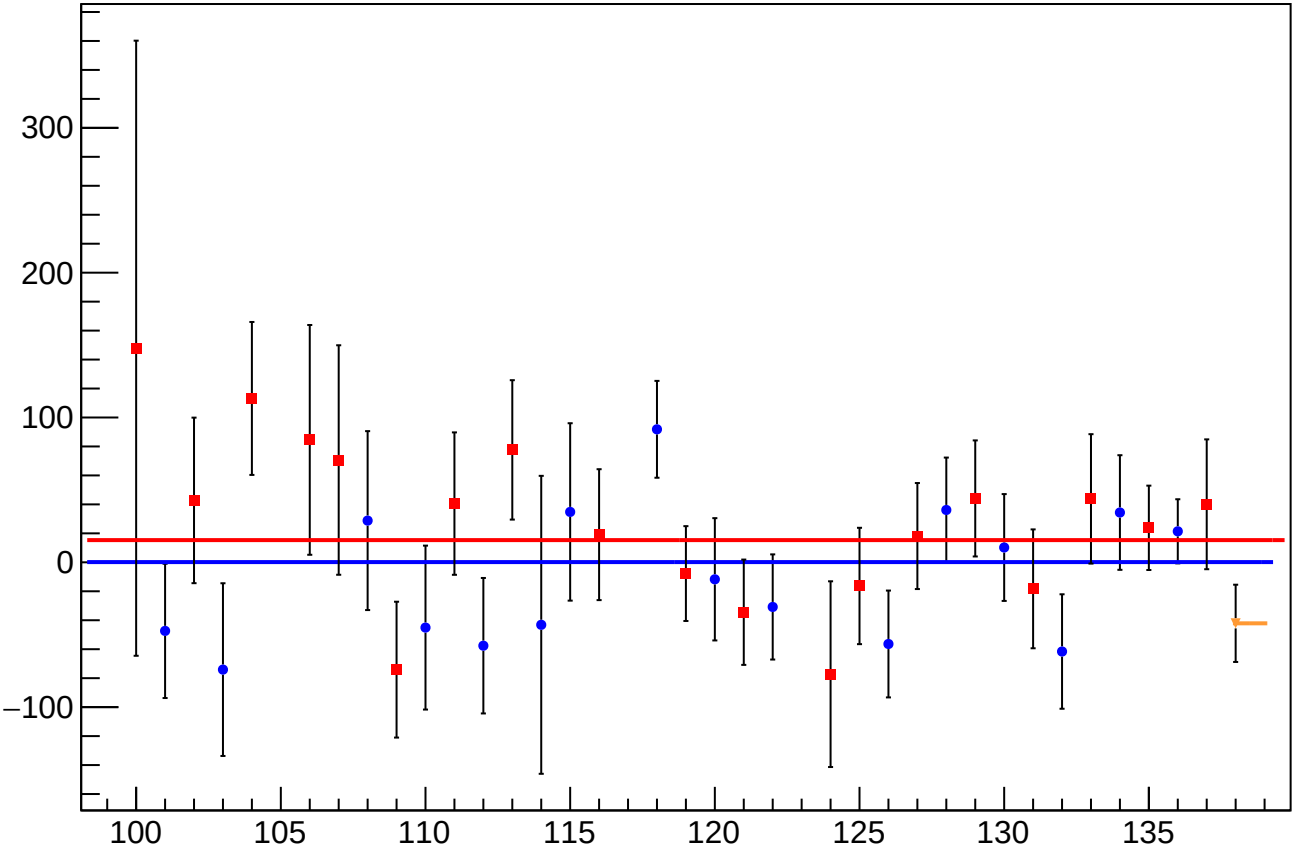
+ sign -0.000+/-0.000 χ^2/NDF: 11.3/16

All: -0.000+/-0.000 χ^2/NDF: 25.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2522749.6/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2381736.6/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 2647892.3/16
All: 0.000+/-0.000 χ²/NDF: 5420847.0/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: 0.155+/-10.048 χ^2/NDF: 21.3/15

Left Out: -42.135+/-26.674 χ^2/NDF:0.0/0

Right Out: 15.333+/-10.267 χ^2/NDF: 17.9/18

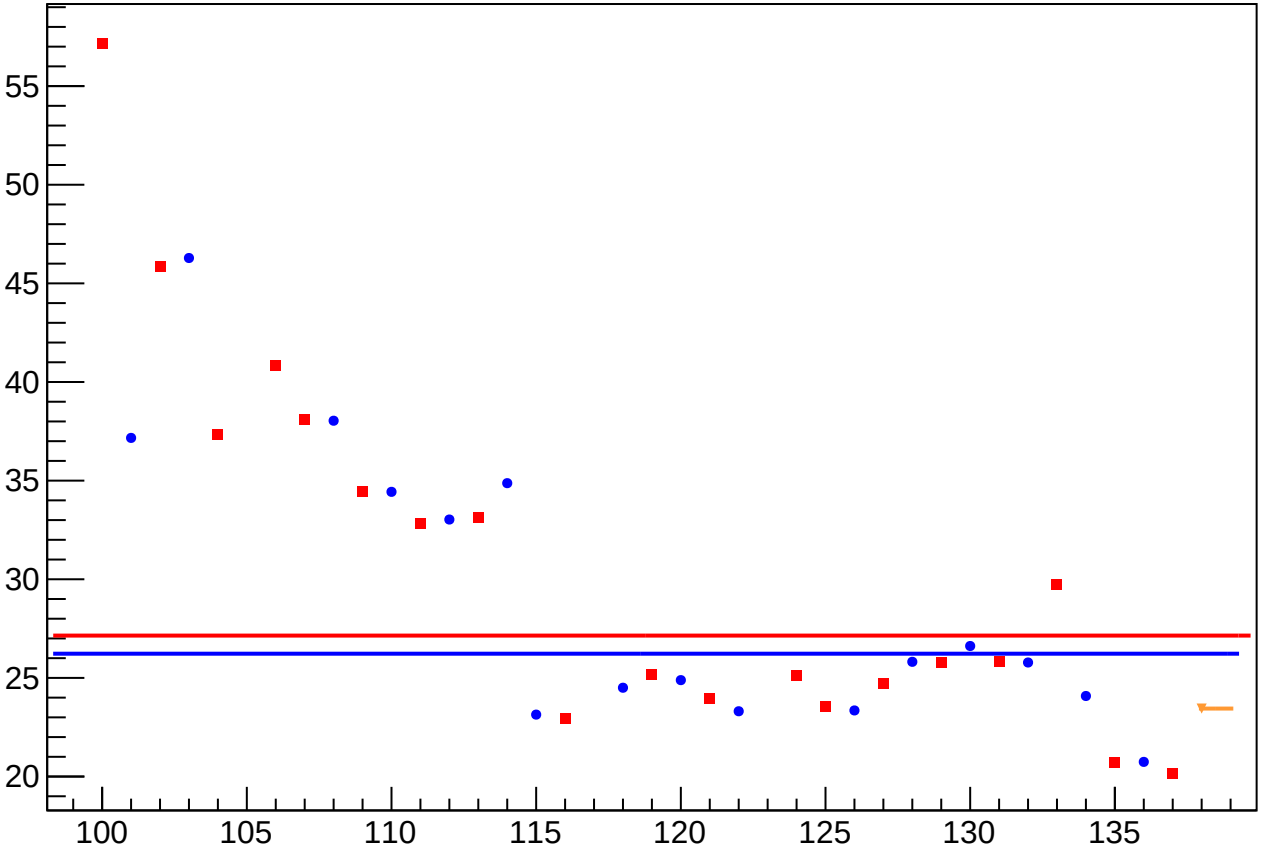
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -5.100+/-9.403 χ^2/NDF: 23.5/16

All: 4.220+/-6.934 χ^2/NDF: 43.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.227+/-0.007 χ^2/NDF: 676026.2/15

Left Out: 23.446+/-0.019 χ^2/NDF:0.0/0

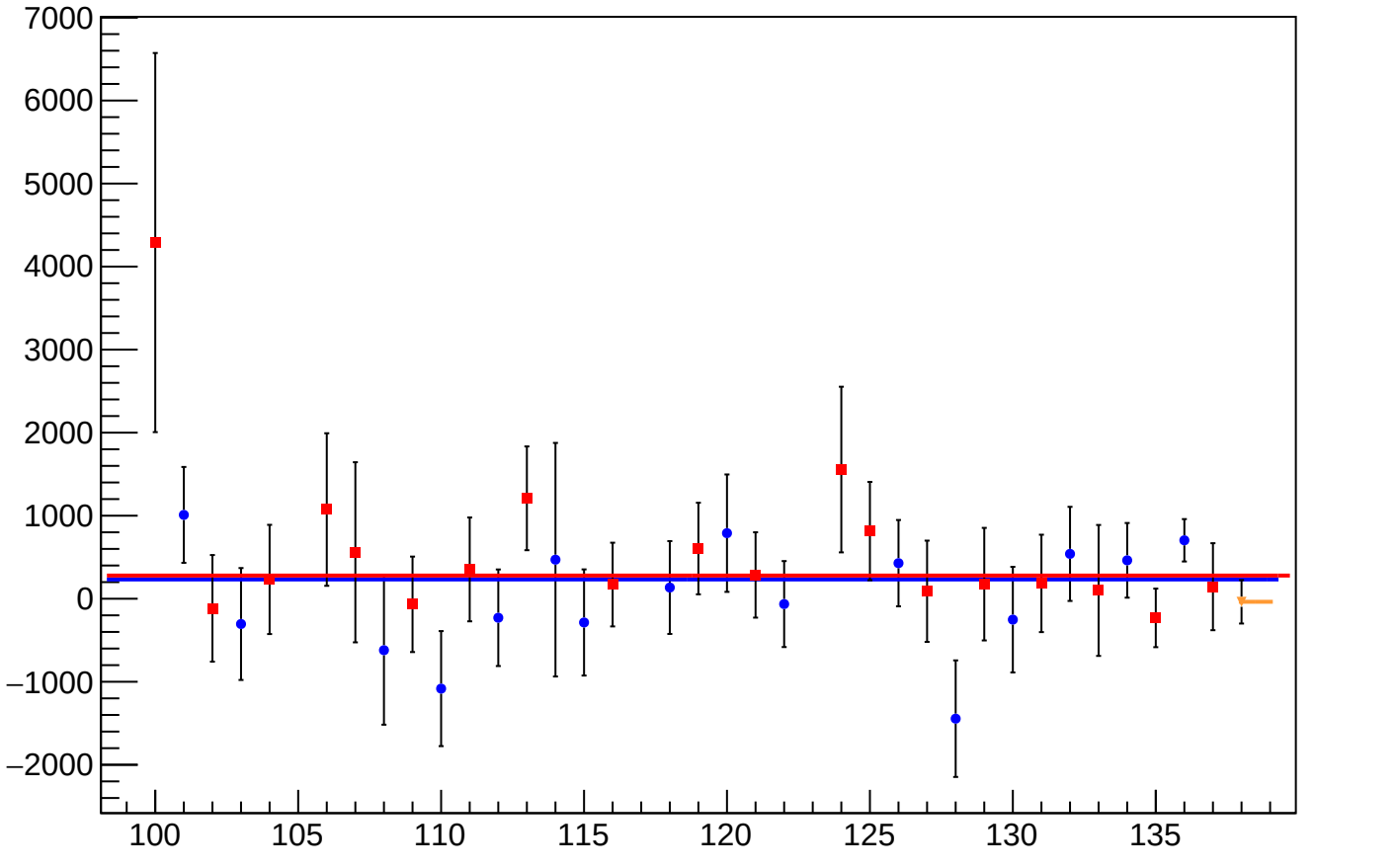
Right Out: 27.145+/-0.007 χ^2/NDF: 755419.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.881+/-0.007 χ^2/NDF: 695066.8/16

All: 26.458+/-0.005 χ^2/NDF: 1466973.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 232.092+/-134.871 χ^2/NDF: 19.6/15

Left Out: -36.774+/-261.987 χ^2/NDF:0.0/0

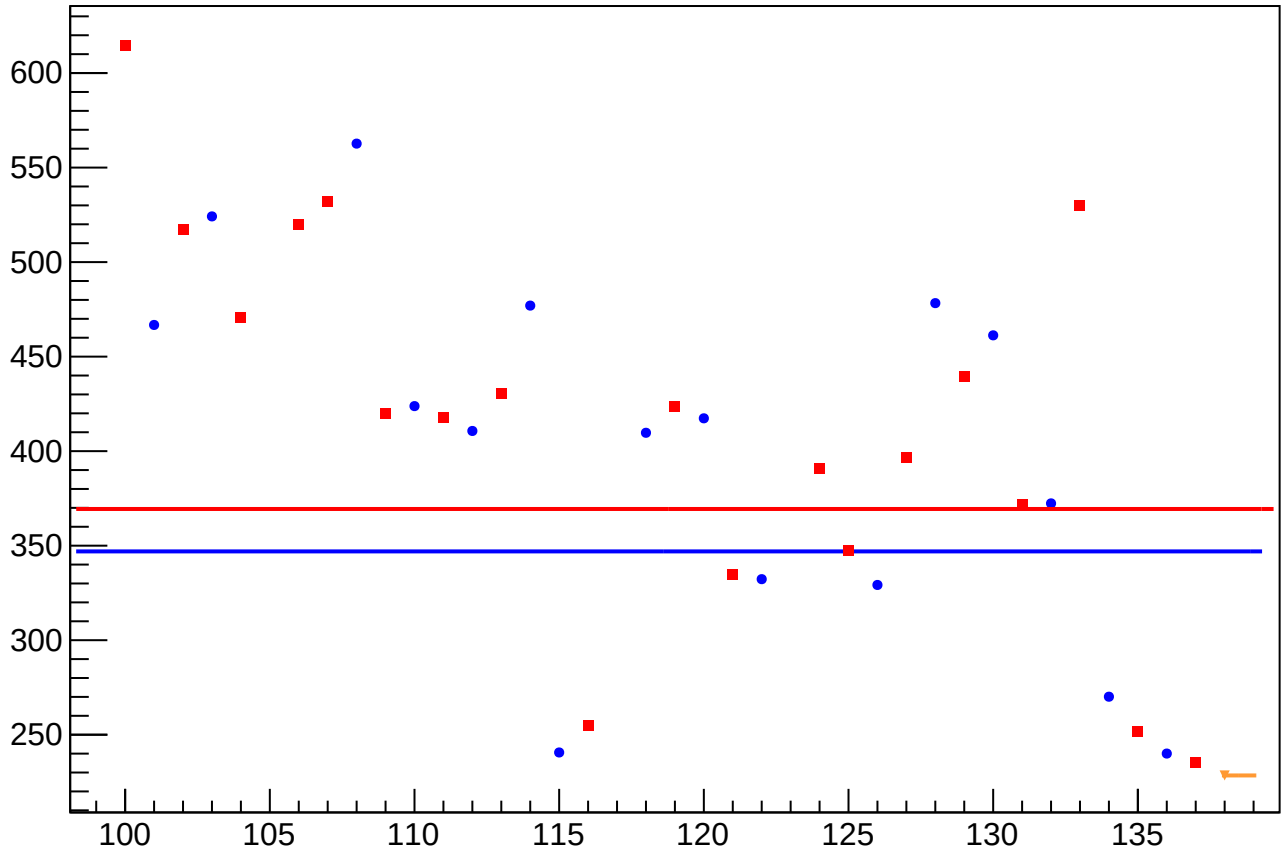
Right Out: 279.042+/-139.965 χ^2/NDF: 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 175.765+/-119.914 χ^2/NDF: 20.5/16

All: 219.482+/-91.064 χ^2/NDF: 32.9/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 346.969+/-0.095 χ^2/NDF: 1058029.4/15

Left Out: 228.452+/-0.185 χ^2/NDF:0.0/0

Right Out: 369.410+/-0.099 χ^2/NDF: 918852.6/18

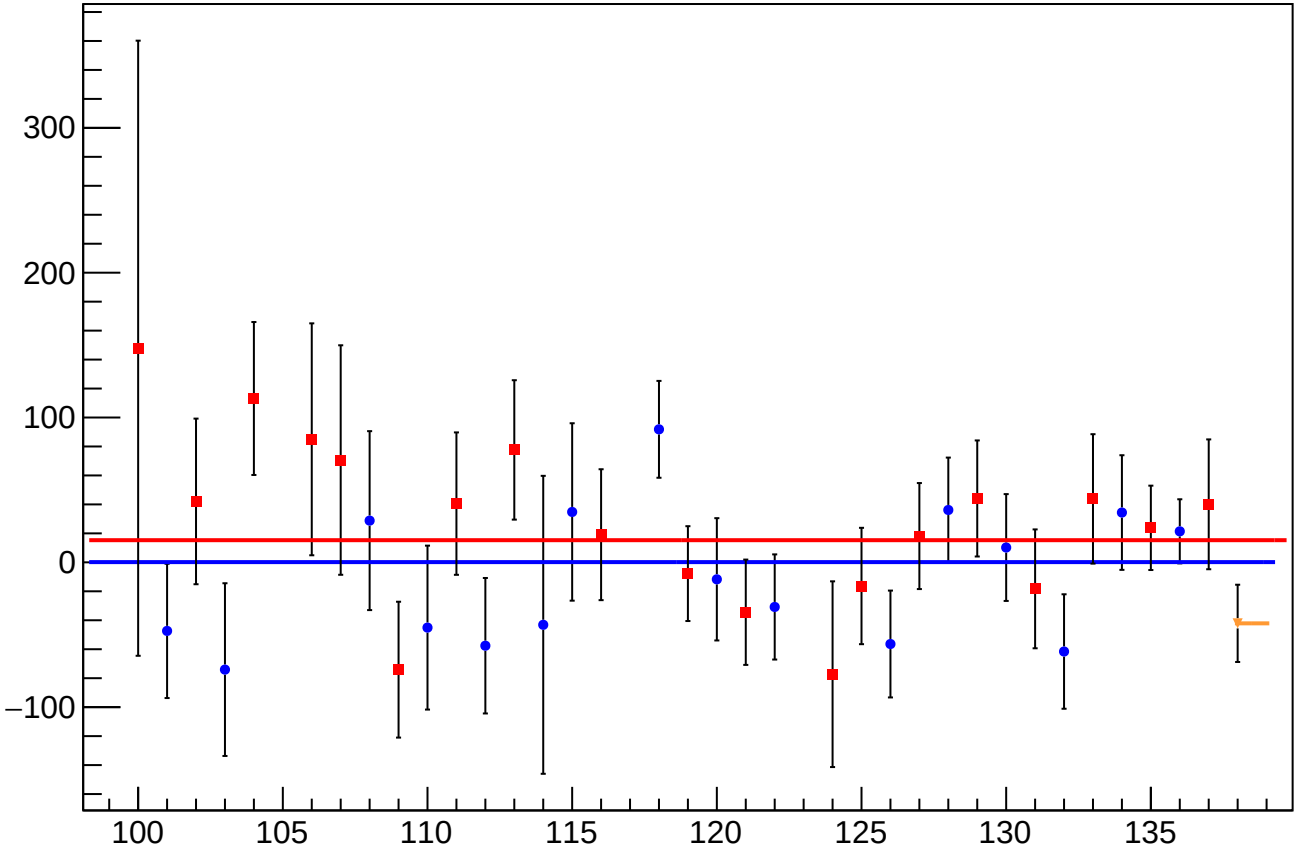
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.140+/-0.085 χ^2/NDF: 1381577.2/16

All: 342.150+/-0.064 χ^2/NDF: 2431988.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: 0.157+/-10.048 χ^2/NDF: 21.3/15

Left Out: -42.135+/-26.674 χ^2/NDF:0.0/0

Right Out: 15.292+/-10.269 χ^2/NDF: 17.9/18

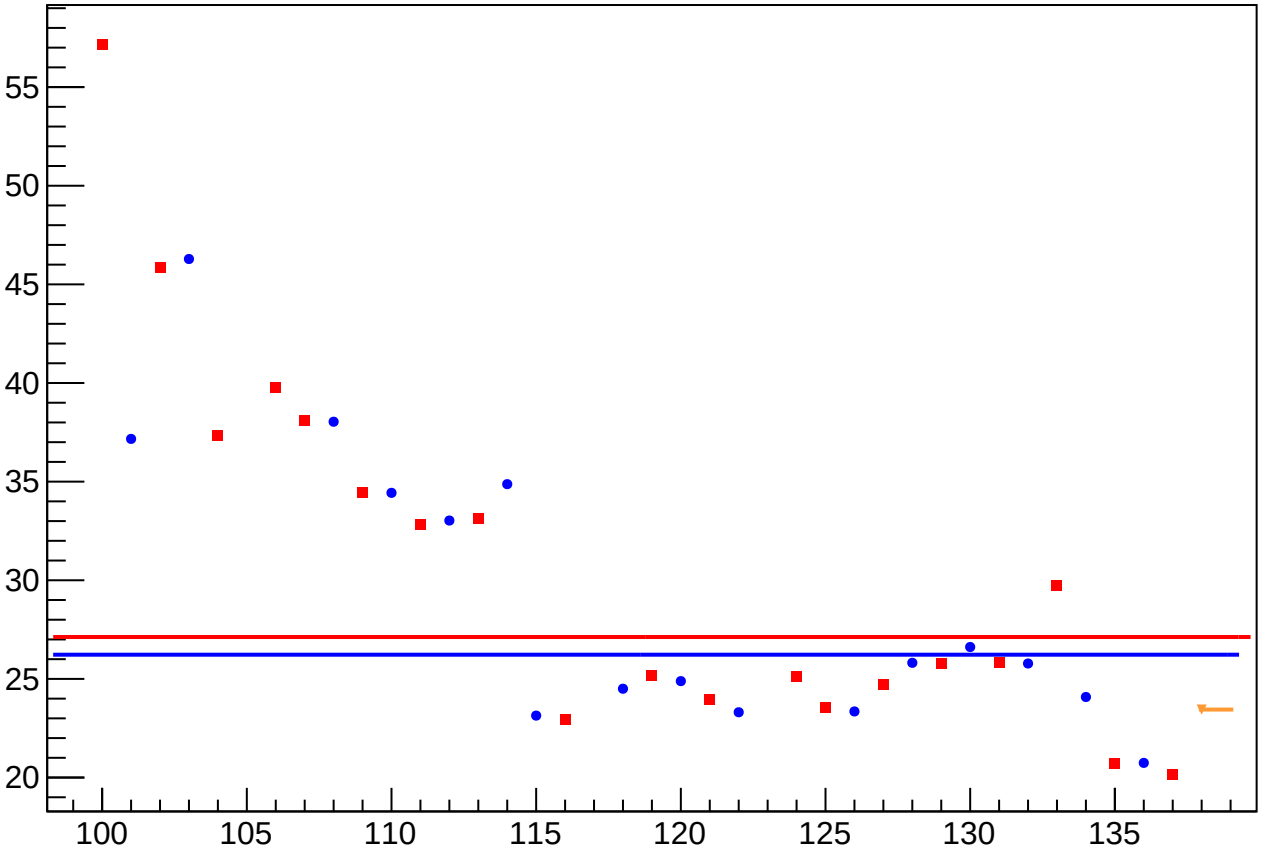
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -5.098+/-9.403 χ^2/NDF: 23.5/16

All: 4.201+/-6.935 χ^2/NDF: 43.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.227+/-0.007 χ^2/NDF: 676029.5/15

Left Out: 23.446+/-0.019 χ^2/NDF:0.0/0

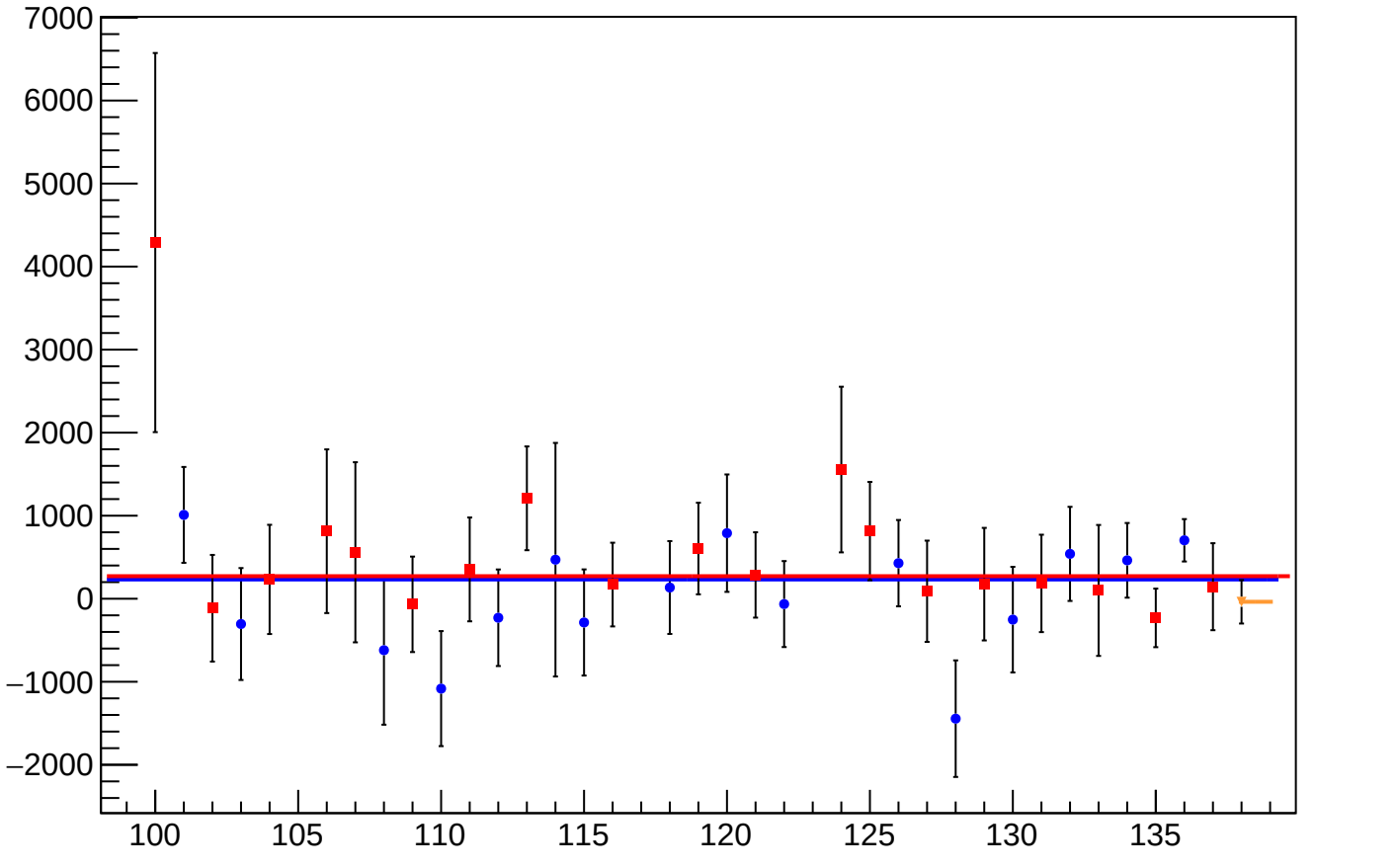
Right Out: 27.123+/-0.007 χ^2/NDF: 745675.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.881+/-0.007 χ^2/NDF: 695070.1/16

All: 26.448+/-0.005 χ^2/NDF: 1456663.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 232.084+/-134.871 χ^2/NDF: 19.6/15

Left Out: -36.775+/-261.987 χ^2/NDF:0.0/0

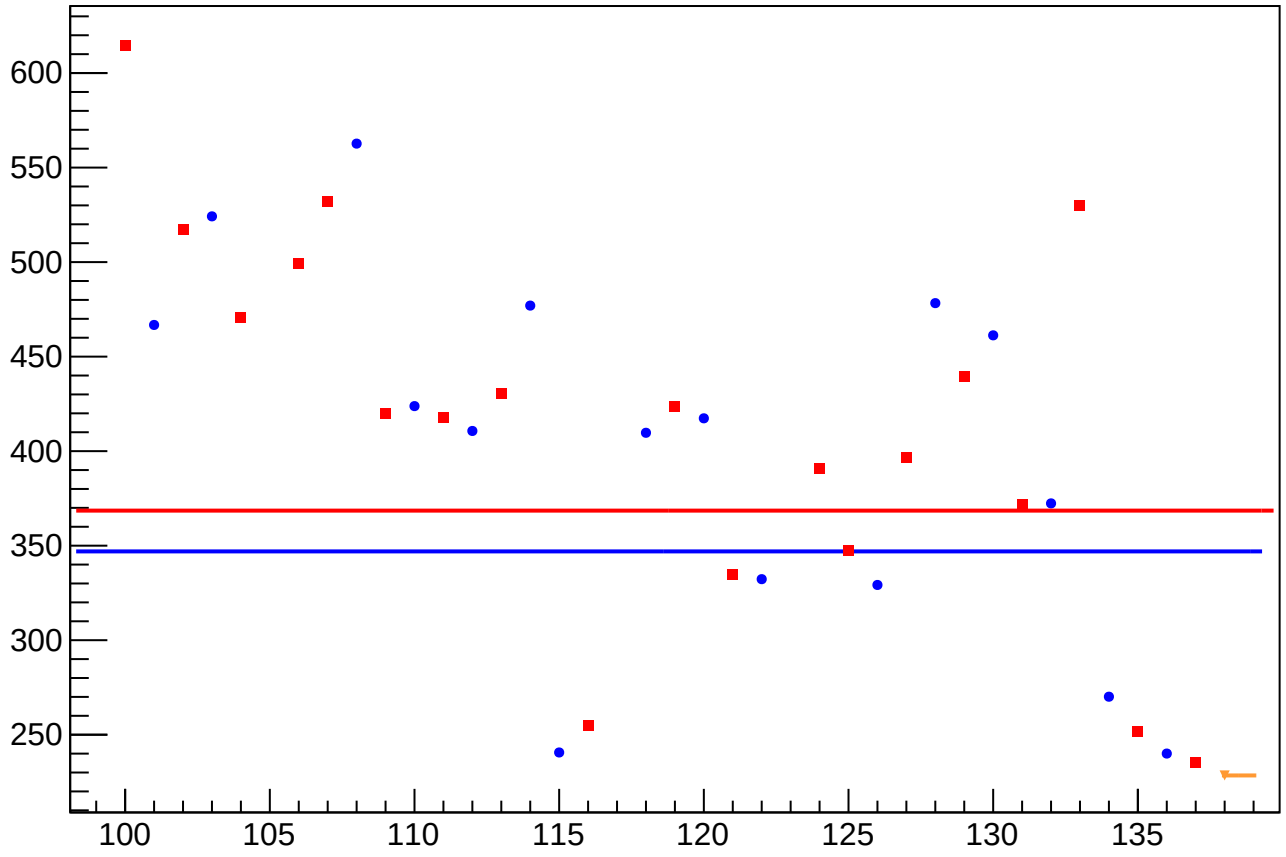
Right Out: 271.412+/-140.183 χ^2/NDF: 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 175.758+/-119.914 χ^2/NDF: 20.5/16

All: 216.176+/-91.123 χ^2/NDF: 32.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 346.969+/-0.095 χ^2/NDF: 1058057.4/15

Left Out: 228.452+/-0.185 χ^2/NDF:0.0/0

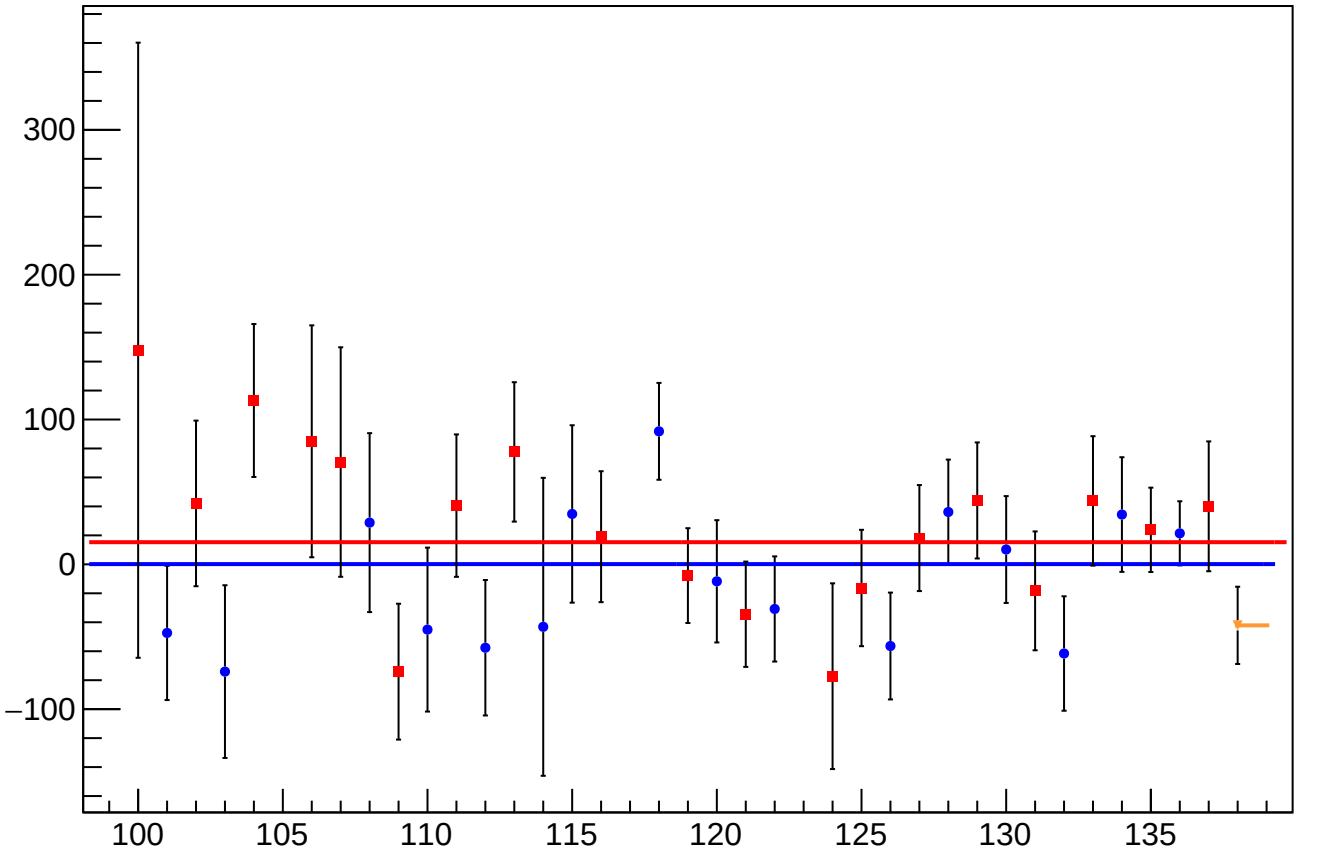
Right Out: 368.543+/-0.099 χ^2/NDF: 900219.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

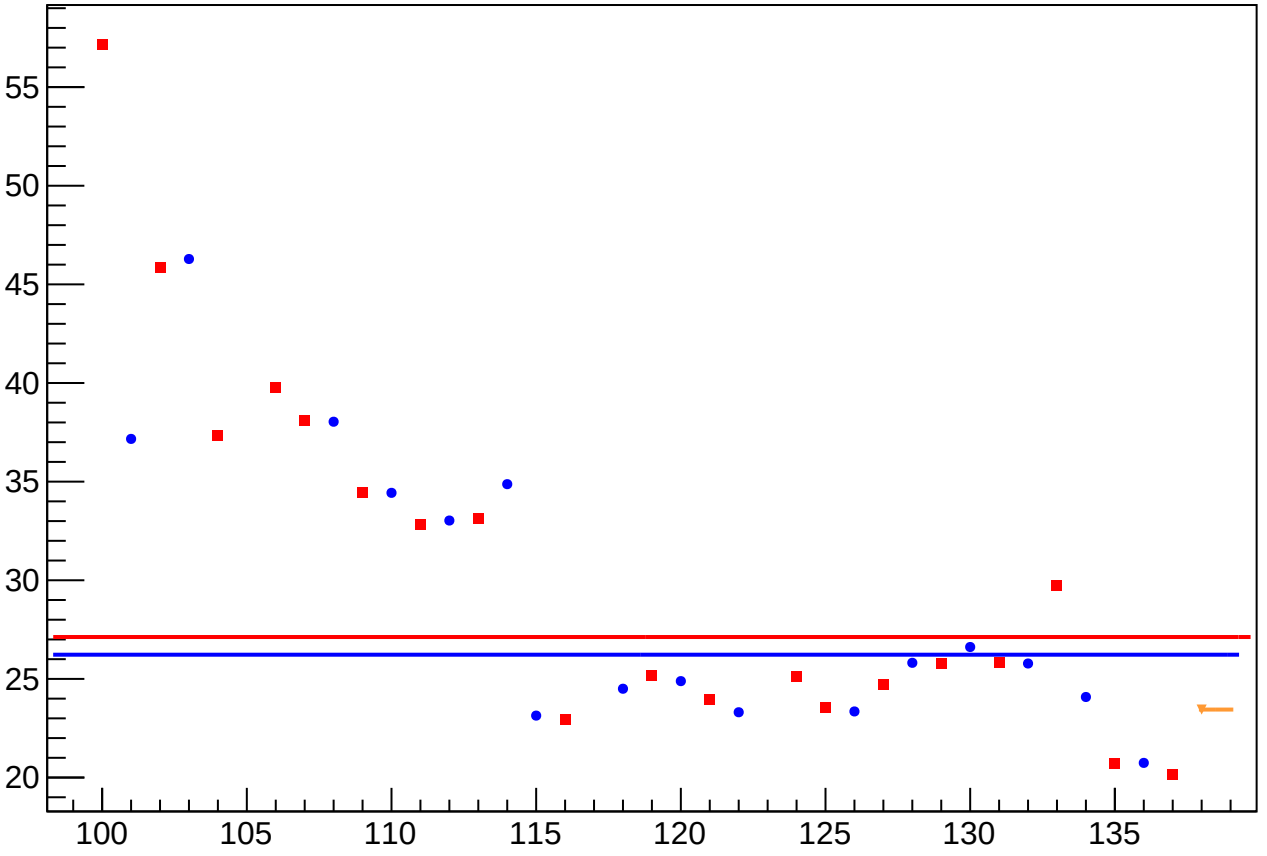
+ sign 322.140+/-0.085 χ^2/NDF: 1381607.2/16

All: 341.747+/-0.064 χ^2/NDF: 2408375.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


eigen_cor_asym_sam_1357_2468_dd_mean vs Slug
300
200
100
0
−100
100
105
110
115
120
125
130
135
Right In: 0.157+/-10.048 χ²/NDF: 21.3/15
Left Out: -42.135+/-26.674 χ²/NDF:0.0/0
Right Out: 15.292+/-10.269 χ²/NDF: 17.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -5.098+/-9.403 χ²/NDF: 23.5/16
All: 4.201+/-6.935 χ²/NDF: 43.6/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.227+/-0.007 χ^2/NDF: 676029.5/15

Left Out: 23.446+/-0.019 χ^2/NDF:0.0/0

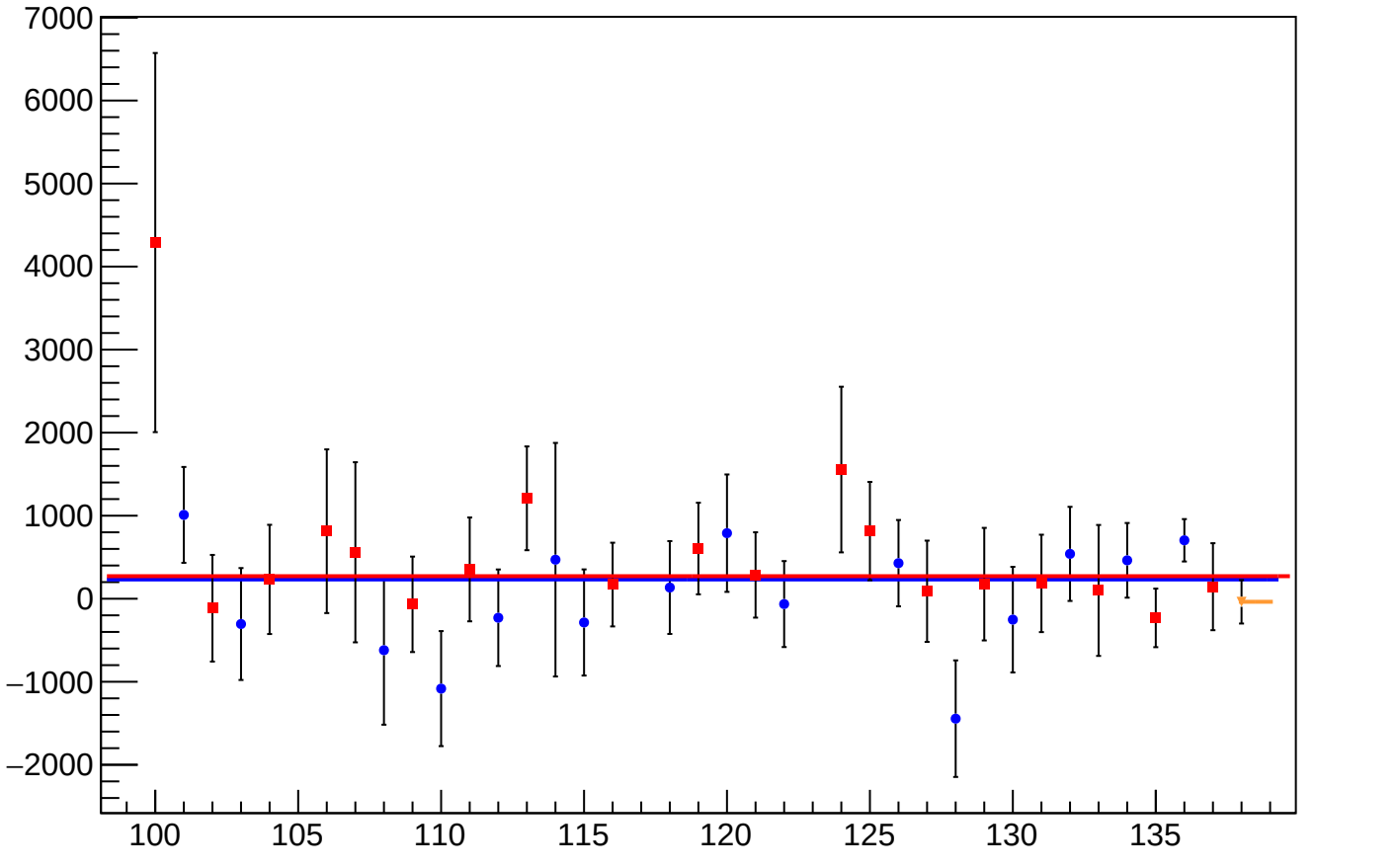
Right Out: 27.123+/-0.007 χ^2/NDF: 745675.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.881+/-0.007 χ^2/NDF: 695070.1/16

All: 26.448+/-0.005 χ^2/NDF: 1456663.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 232.084+/-134.871 χ^2/NDF: 19.6/15

Left Out: -36.775+/-261.987 χ^2/NDF:0.0/0

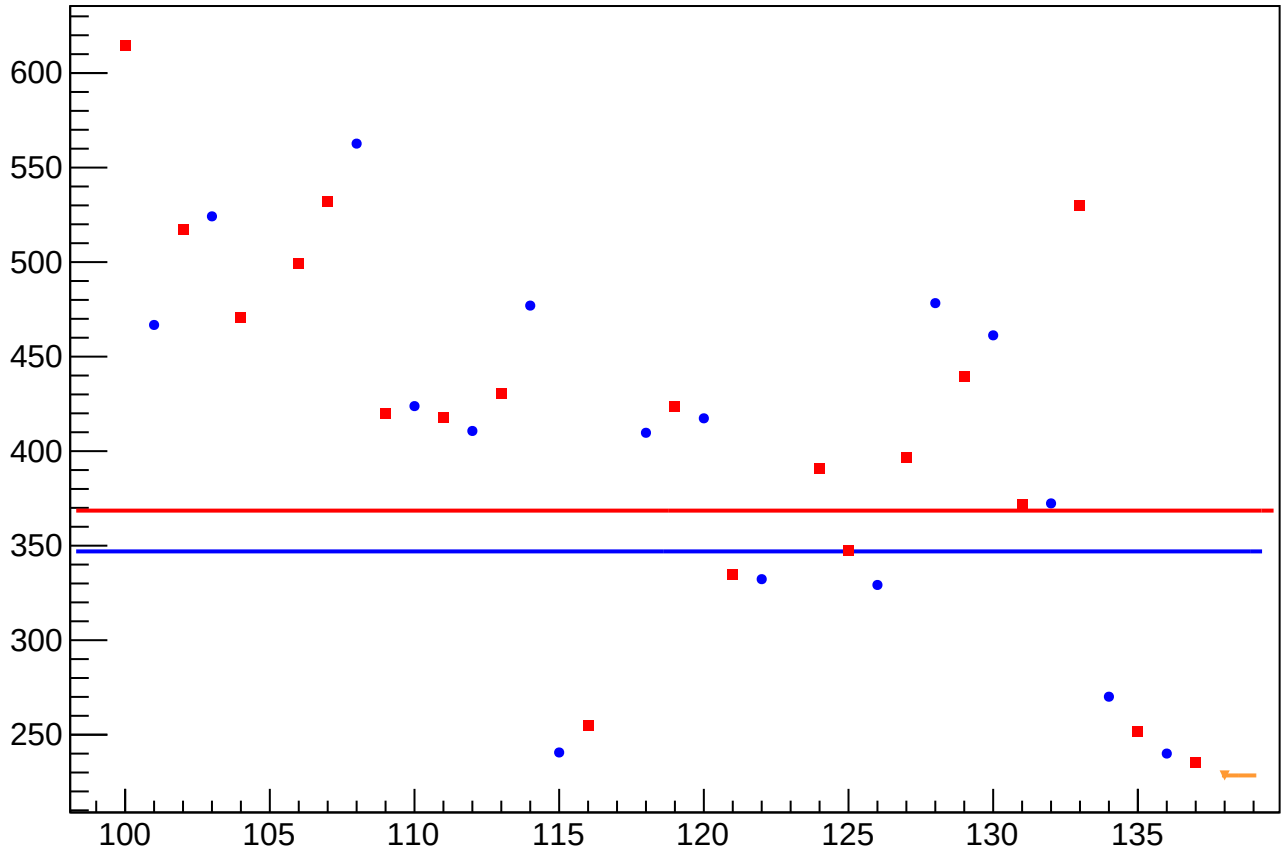
Right Out: 271.412+/-140.183 χ^2/NDF: 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 175.758+/-119.914 χ^2/NDF: 20.5/16

All: 216.176+/-91.123 χ^2/NDF: 32.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 346.969+/-0.095 χ^2/NDF: 1058057.4/15

Left Out: 228.452+/-0.185 χ^2/NDF:0.0/0

Right Out: 368.543+/-0.099 χ^2/NDF: 900219.6/18

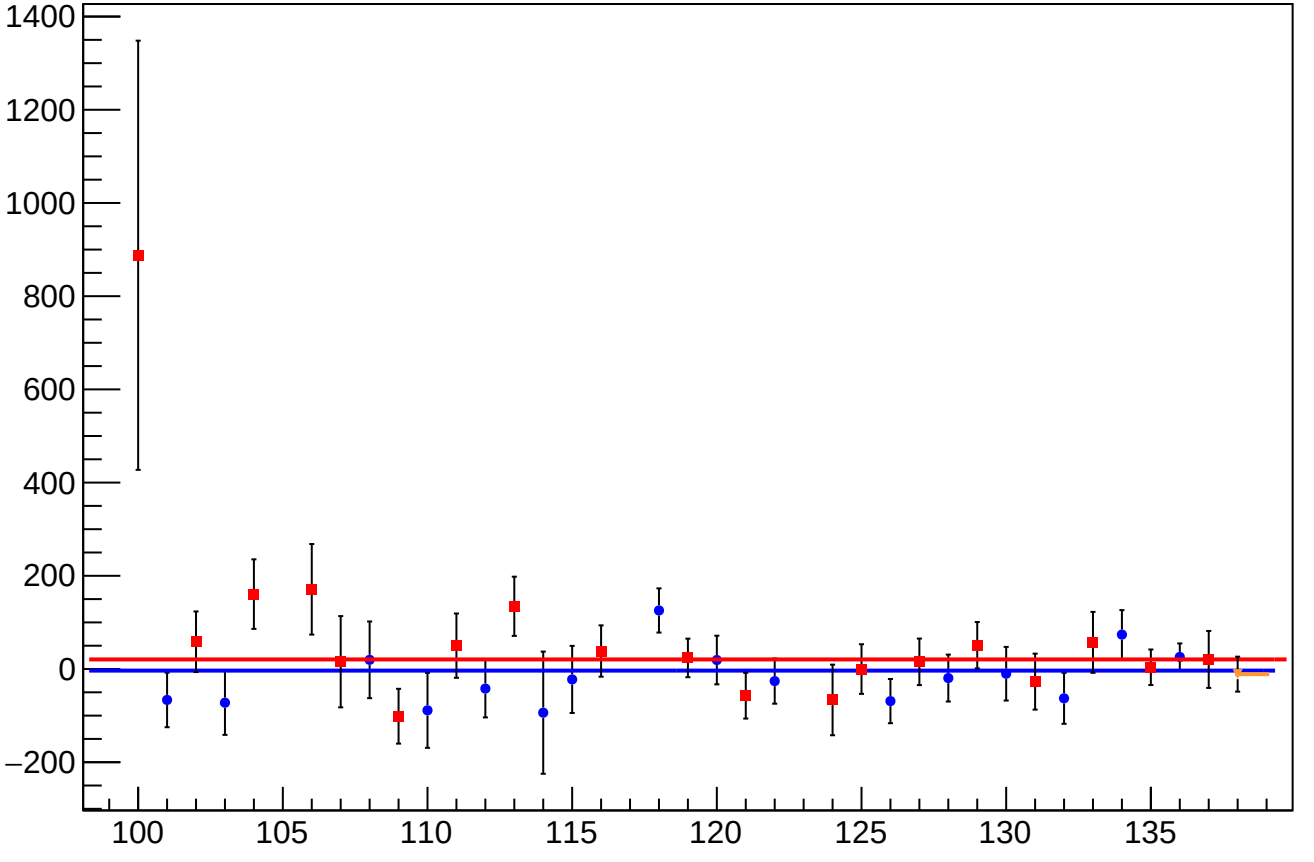
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 322.140+/-0.085 χ^2/NDF: 1381607.2/16

All: 341.747+/-0.064 χ^2/NDF: 2408375.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -3.423+/-13.393 χ^2/NDF: 18.5/15

Left Out: -11.014+/-37.526 χ^2/NDF:0.0/0

Right Out: 20.569+/-13.475 χ^2/NDF: 23.1/18

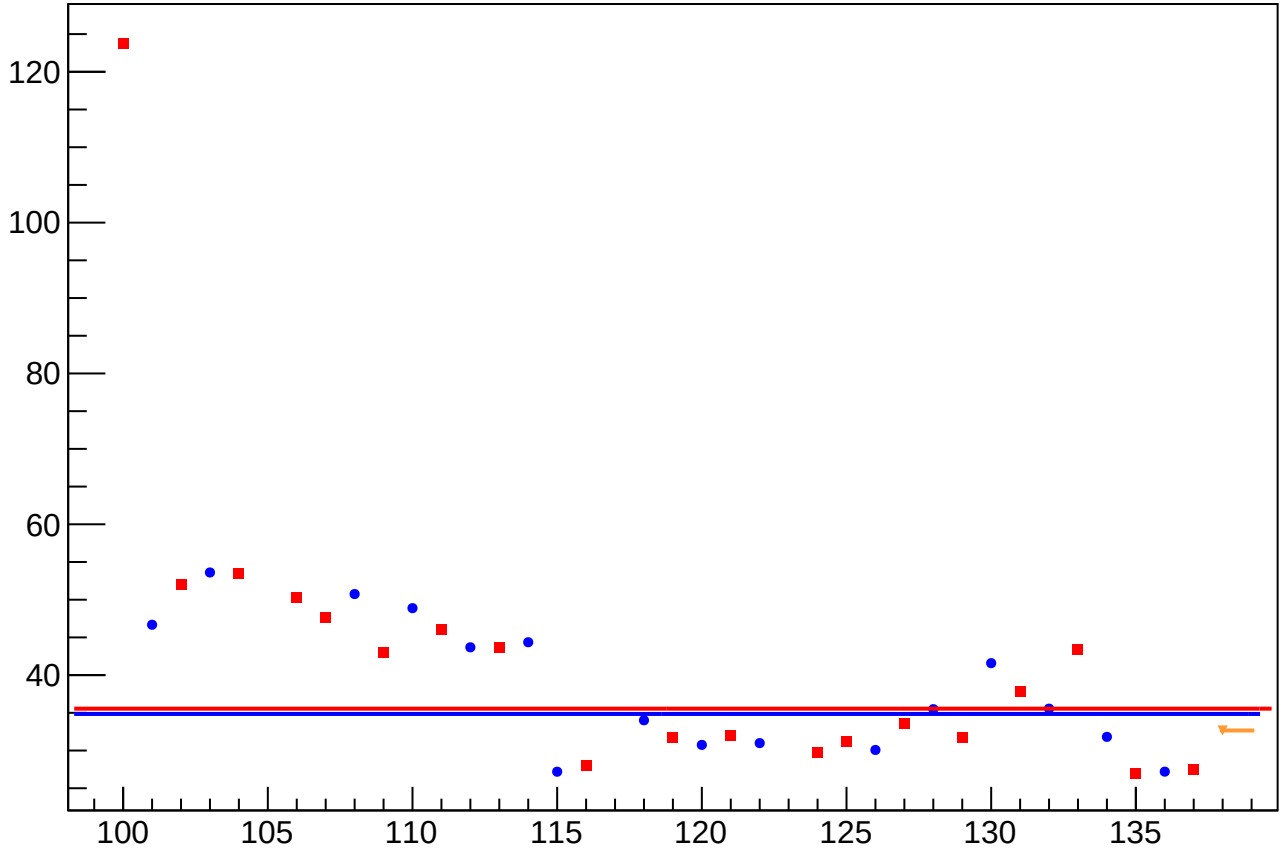
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.281+/-12.613 χ^2/NDF: 18.5/16

All: 7.324+/-9.208 χ^2/NDF: 43.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 34.850+/-0.009 χ^2/NDF: 658141.6/15

Left Out: 32.660+/-0.027 χ^2/NDF:0.0/0

Right Out: 35.553+/-0.010 χ^2/NDF: 779880.3/18

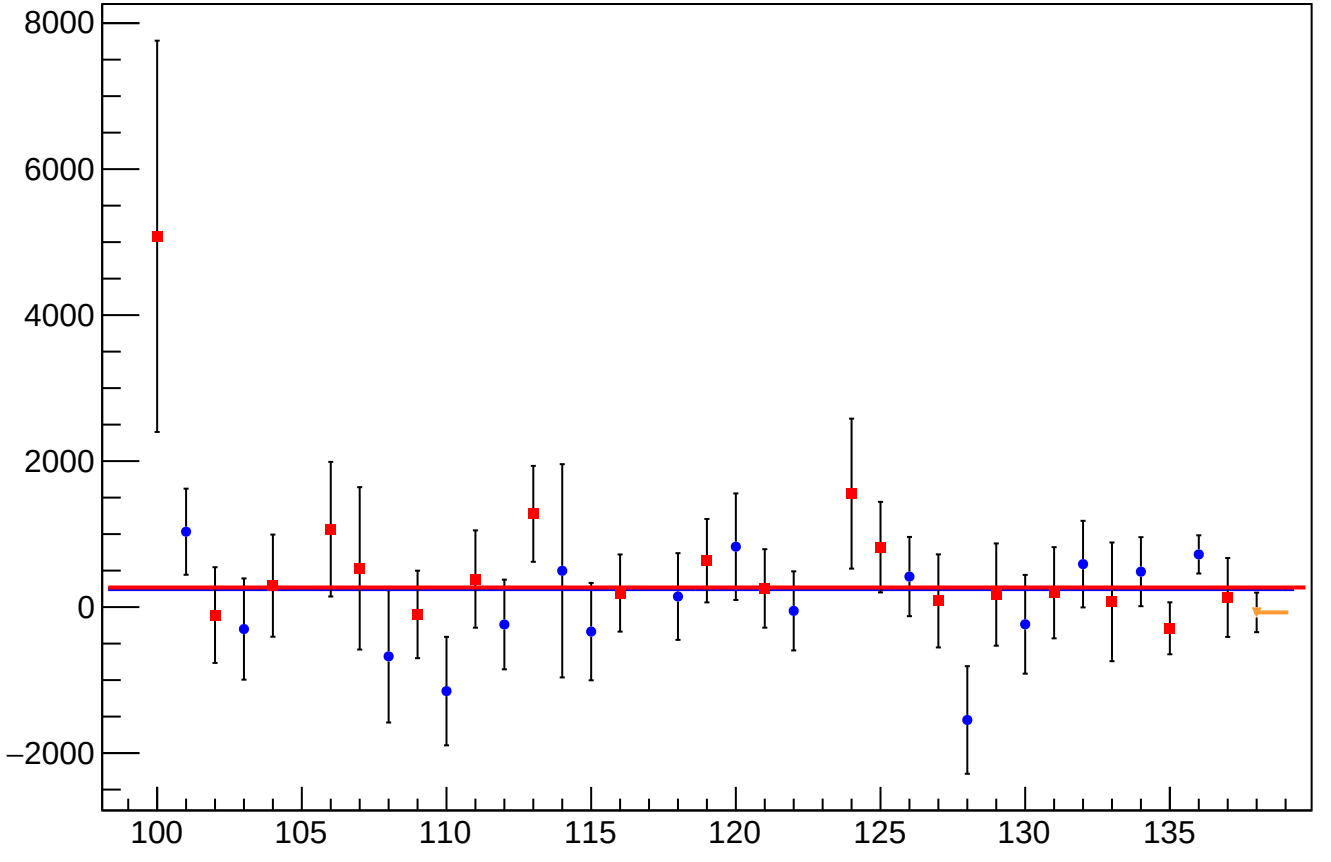
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.603+/-0.009 χ^2/NDF: 664186.9/16

All: 35.047+/-0.007 χ^2/NDF: 1449364.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: 246.507+/-140.275 χ^2/NDF: 19.8/15

Left Out: -72.851+/-270.850 χ^2/NDF:0.0/0

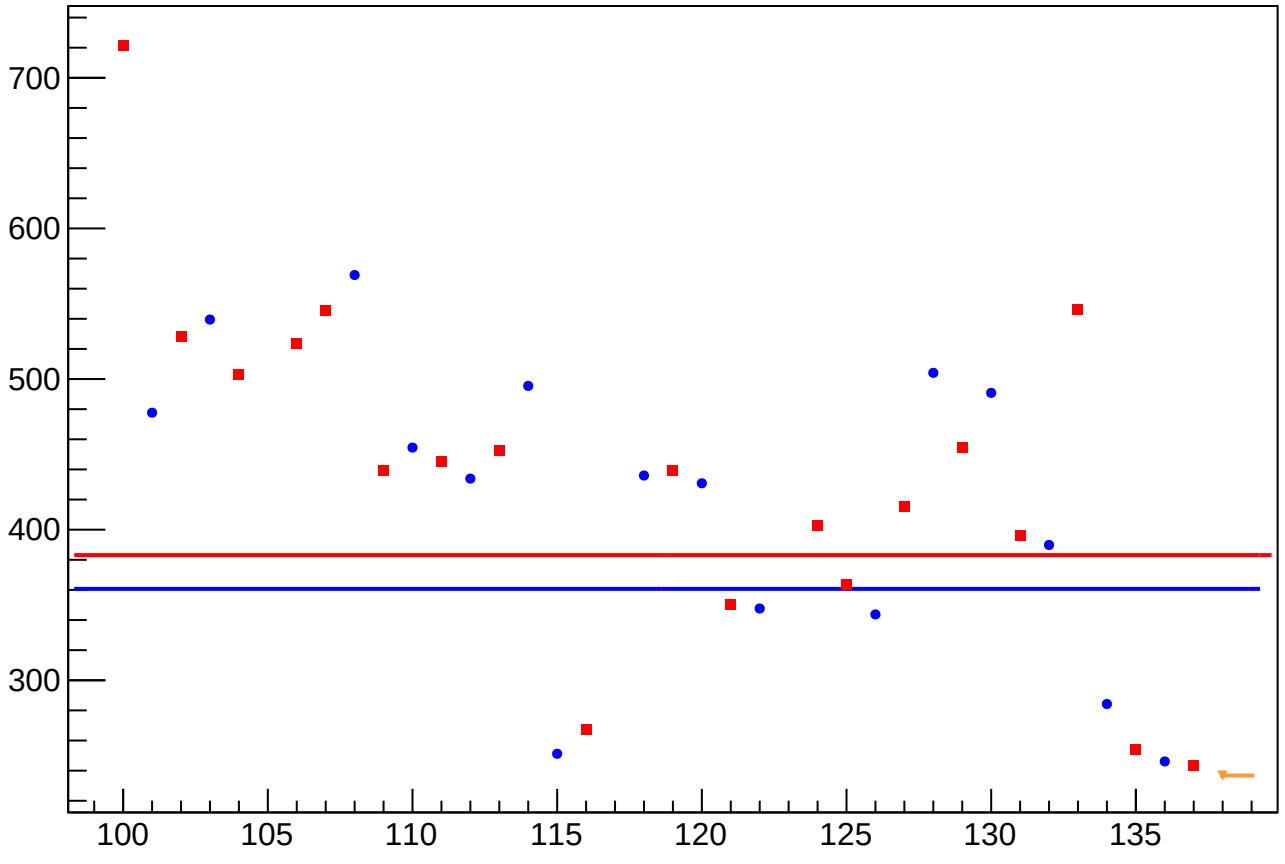
Right Out: 268.913+/-145.295 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 178.964+/-124.561 χ^2/NDF: 20.9/16

All: 217.068+/-94.567 χ^2/NDF: 33.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 360.692+/-0.099 χ^2/NDF: 1092760.6/15

Left Out: 236.775+/-0.192 χ^2/NDF:0.0/0

Right Out: 383.132+/-0.103 χ^2/NDF: 963125.0/18

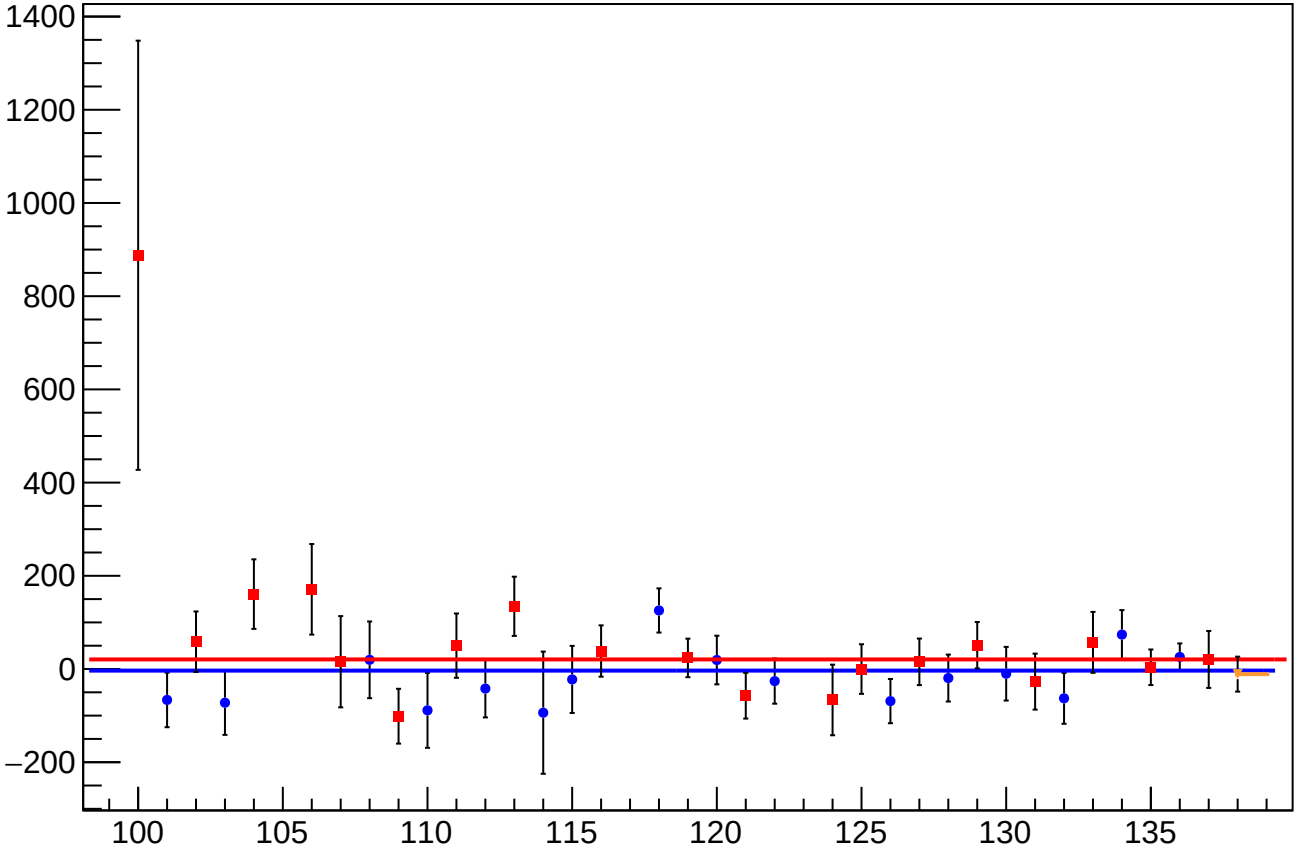
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 334.484+/-0.088 χ^2/NDF: 1422854.1/16

All: 355.092+/-0.067 χ^2/NDF: 2515208.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -3.425+/-13.392 χ^2/NDF: 18.5/15

Left Out: -11.011+/-37.525 χ^2/NDF:0.0/0

Right Out: 20.569+/-13.475 χ^2/NDF: 23.1/18

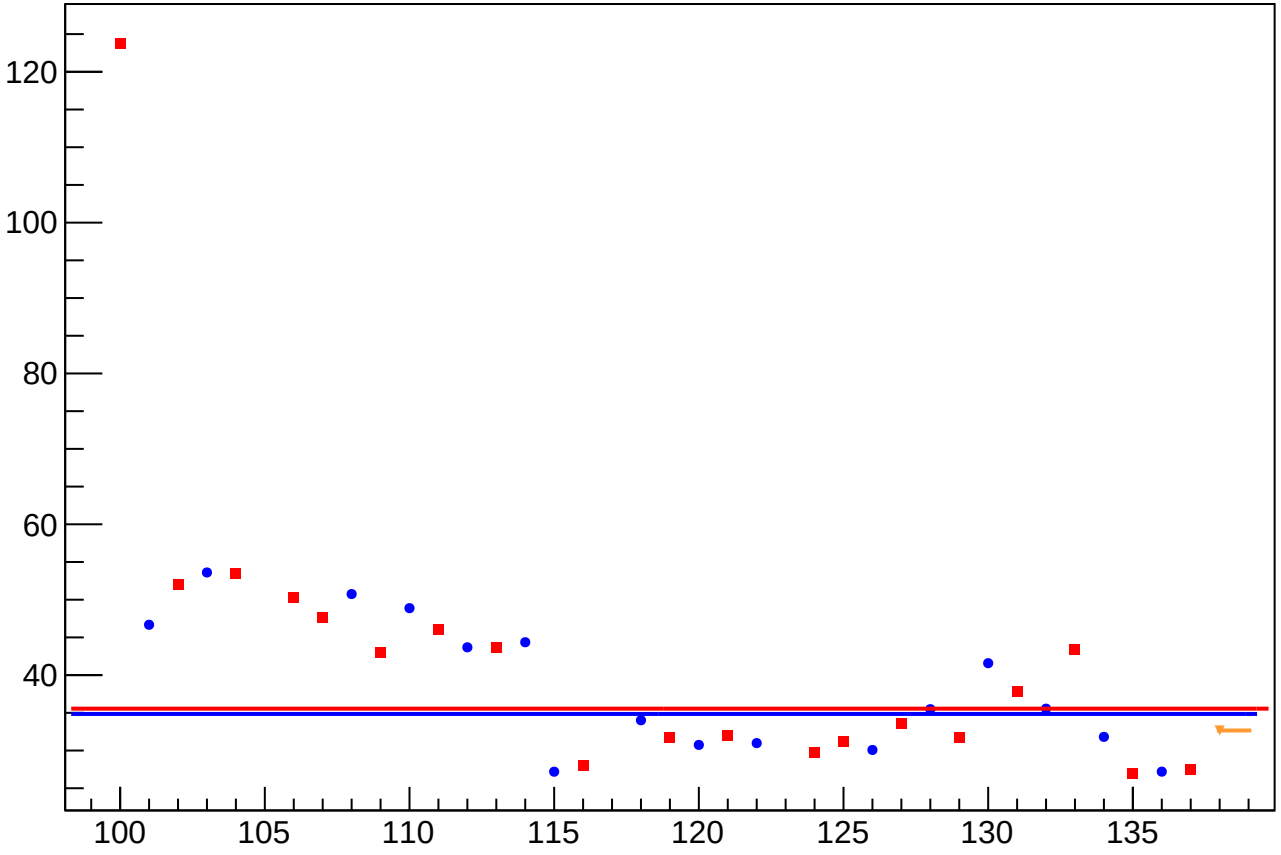
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.282+/-12.613 χ^2/NDF: 18.5/16

All: 7.324+/-9.208 χ^2/NDF: 43.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 34.850+/-0.009 χ^2/NDF: 658089.6/15

Left Out: 32.659+/-0.027 χ^2/NDF:0.0/0

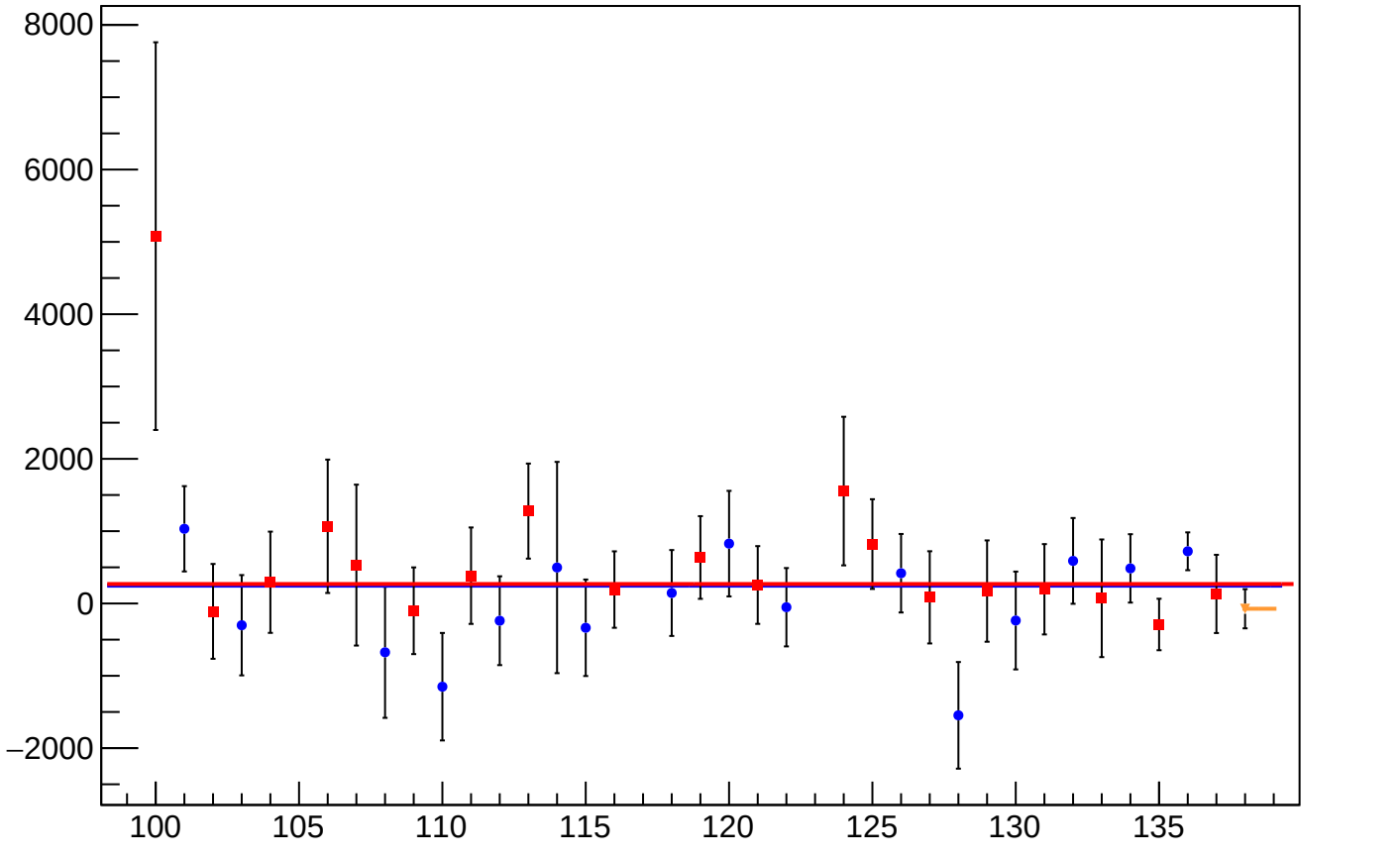
Right Out: 35.552+/-0.010 χ^2/NDF: 779849.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.602+/-0.009 χ^2/NDF: 664136.0/16

All: 35.046+/-0.007 χ^2/NDF: 1449284.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 246.505+/-140.274 χ^2/NDF: 19.8/15

Left Out: -72.849+/-270.847 χ^2/NDF:0.0/0

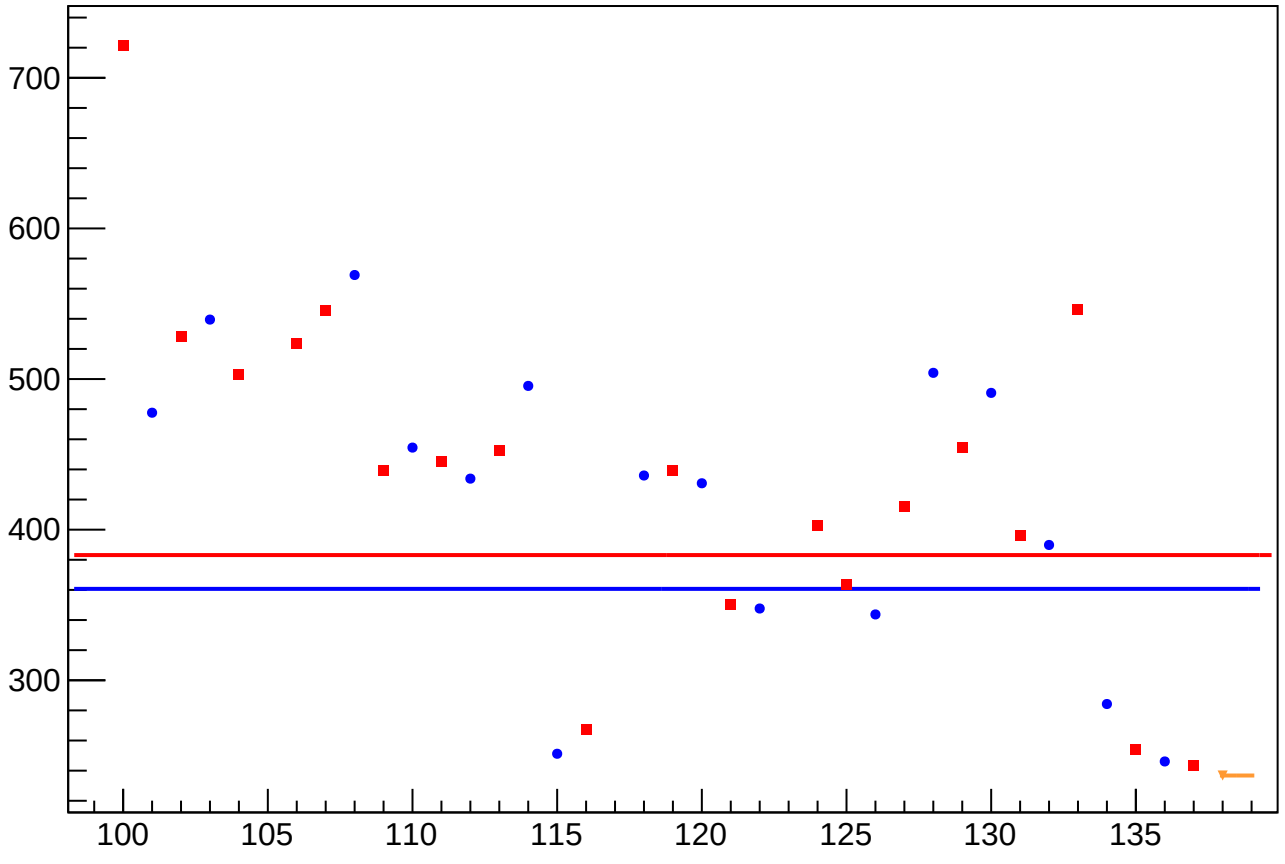
Right Out: 268.913+/-145.295 χ^2/NDF: 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 178.962+/-124.560 χ^2/NDF: 20.9/16

All: 217.066+/-94.566 χ^2/NDF: 33.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 360.691+/-0.099 χ^2/NDF: 1092752.5/15

Left Out: 236.772+/-0.192 χ^2/NDF:0.0/0

Right Out: 383.131+/-0.103 χ^2/NDF: 963120.8/18

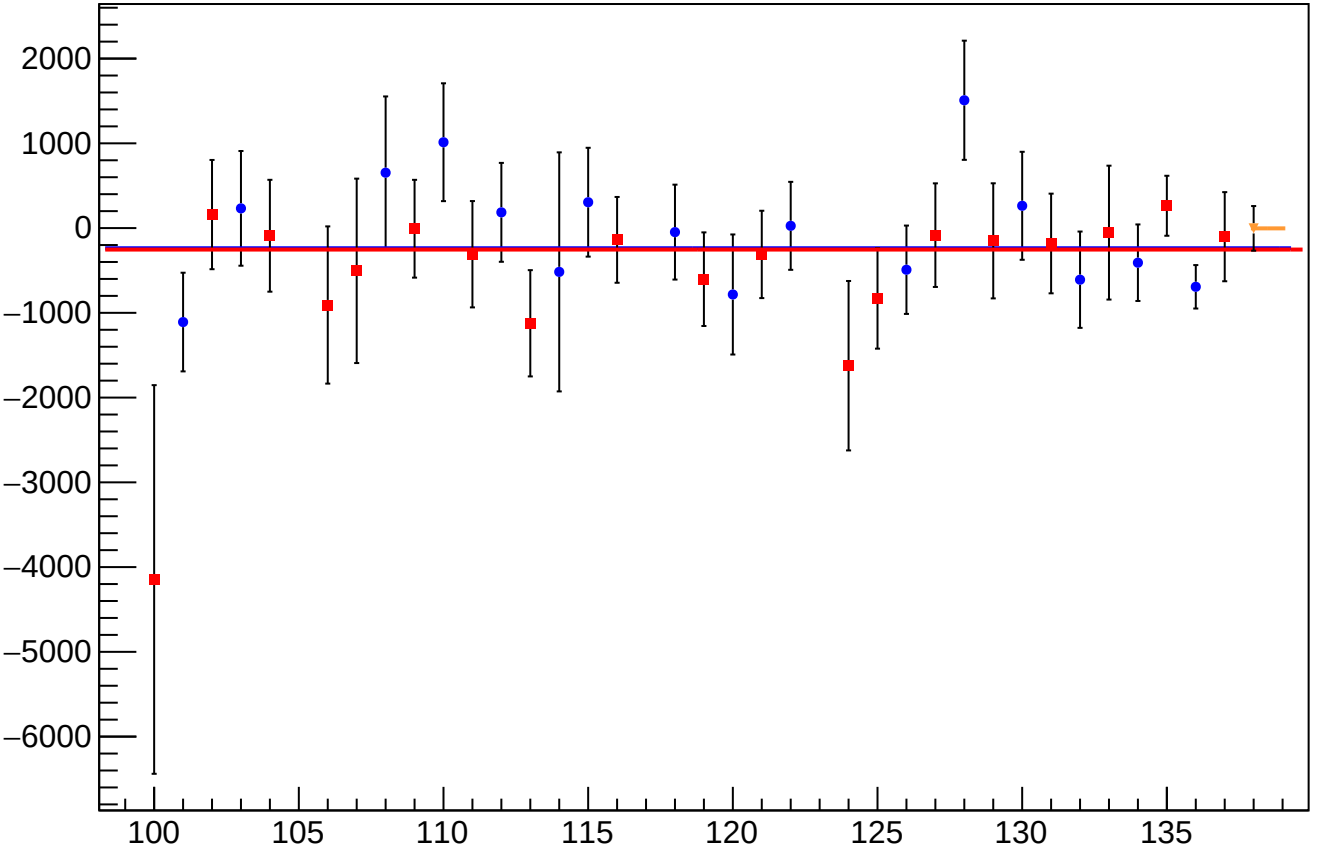
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 334.483+/-0.088 χ^2/NDF: 1422862.2/16

All: 355.091+/-0.067 χ^2/NDF: 2515216.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: -238.043+/-135.349 χ^2/NDF: 19.9/15

Left Out: -3.415+/-263.409 χ^2/NDF:0.0/0

Right Out: -253.445+/-140.414 χ^2/NDF: 11.7/18

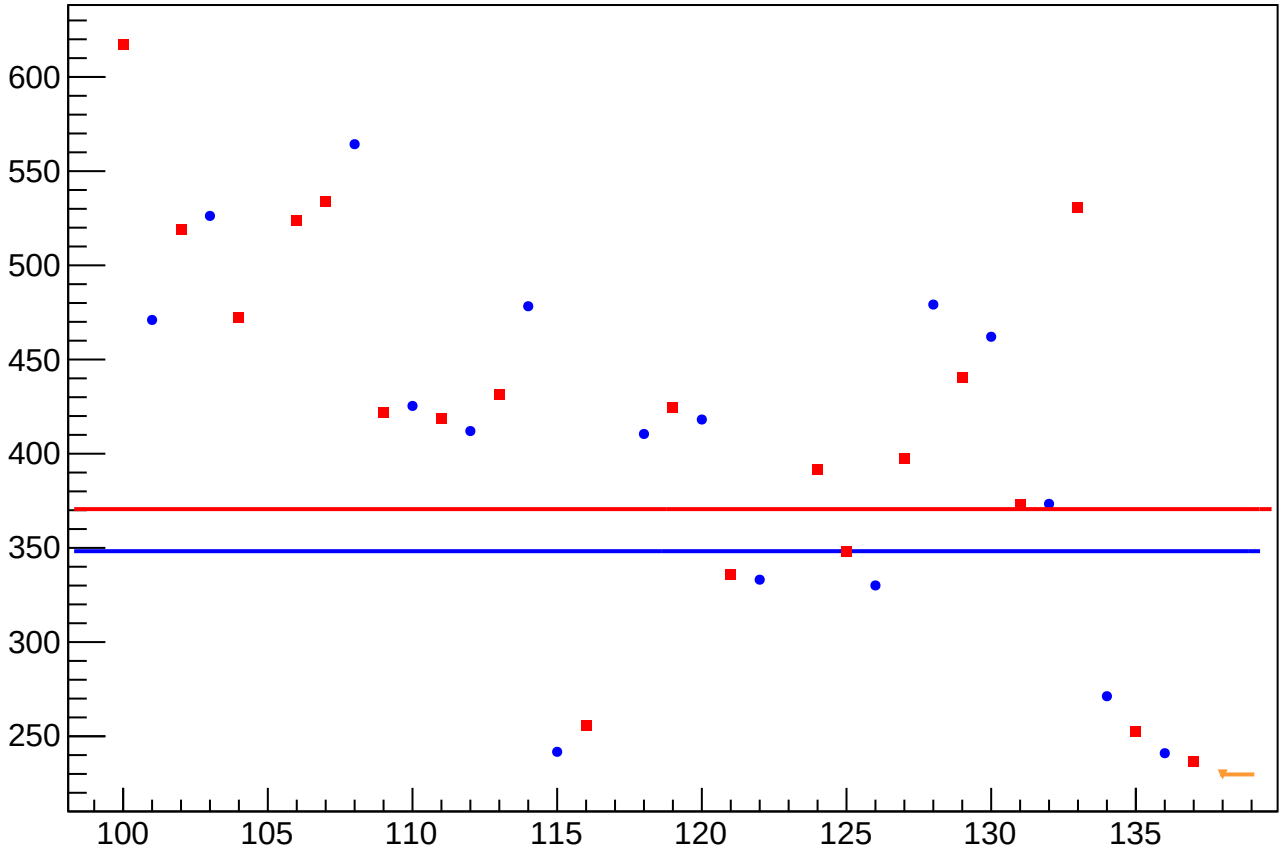
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -189.034+/-120.386 χ^2/NDF: 20.6/16

All: -216.323+/-91.394 χ^2/NDF: 32.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 348.253+/-0.096 χ^2/NDF: 1056820.3/15

Left Out: 229.728+/-0.186 χ^2/NDF:0.0/0

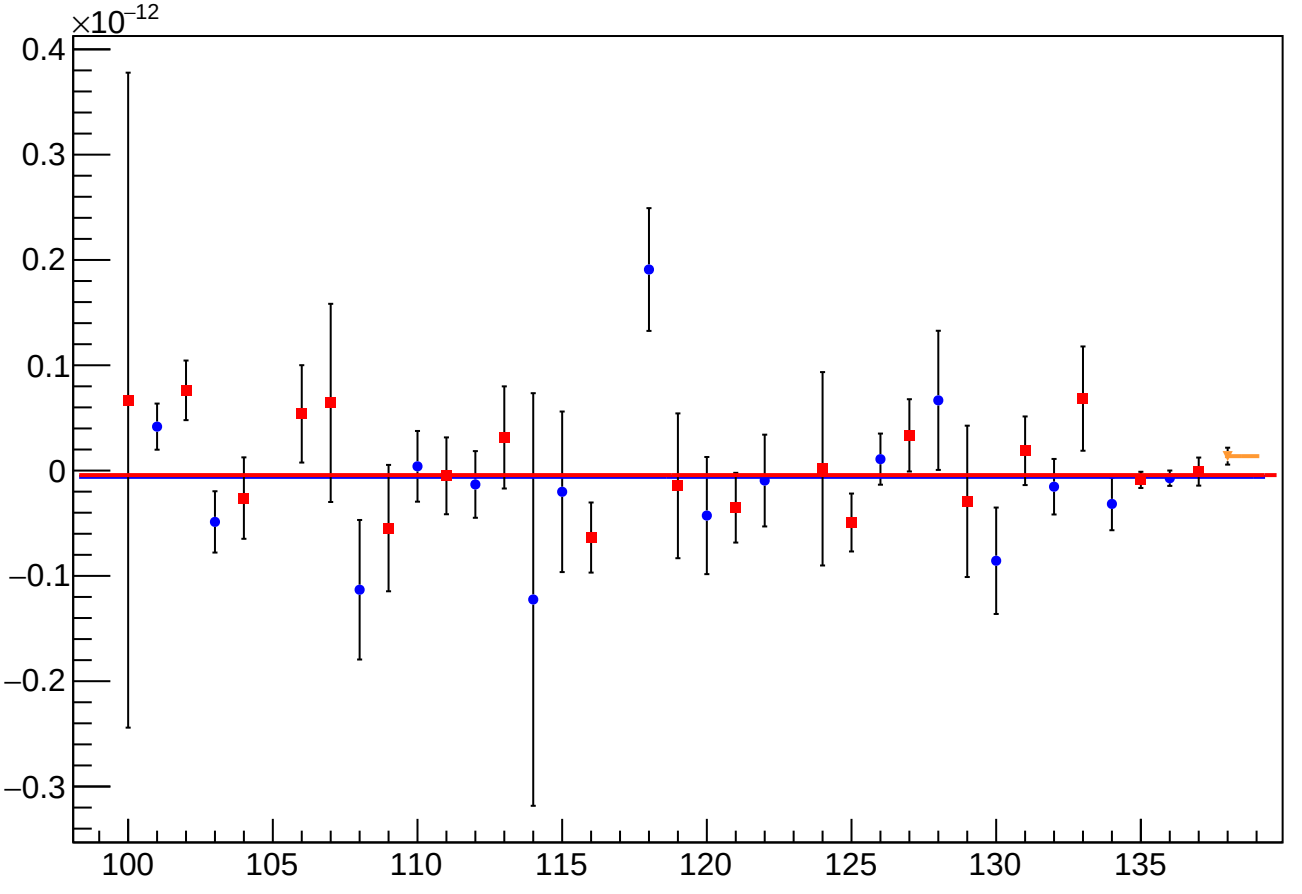
Right Out: 370.585+/-0.099 χ^2/NDF: 917913.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 323.496+/-0.085 χ^2/NDF: 1377171.2/16

All: 343.445+/-0.065 χ^2/NDF: 2424726.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 27.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

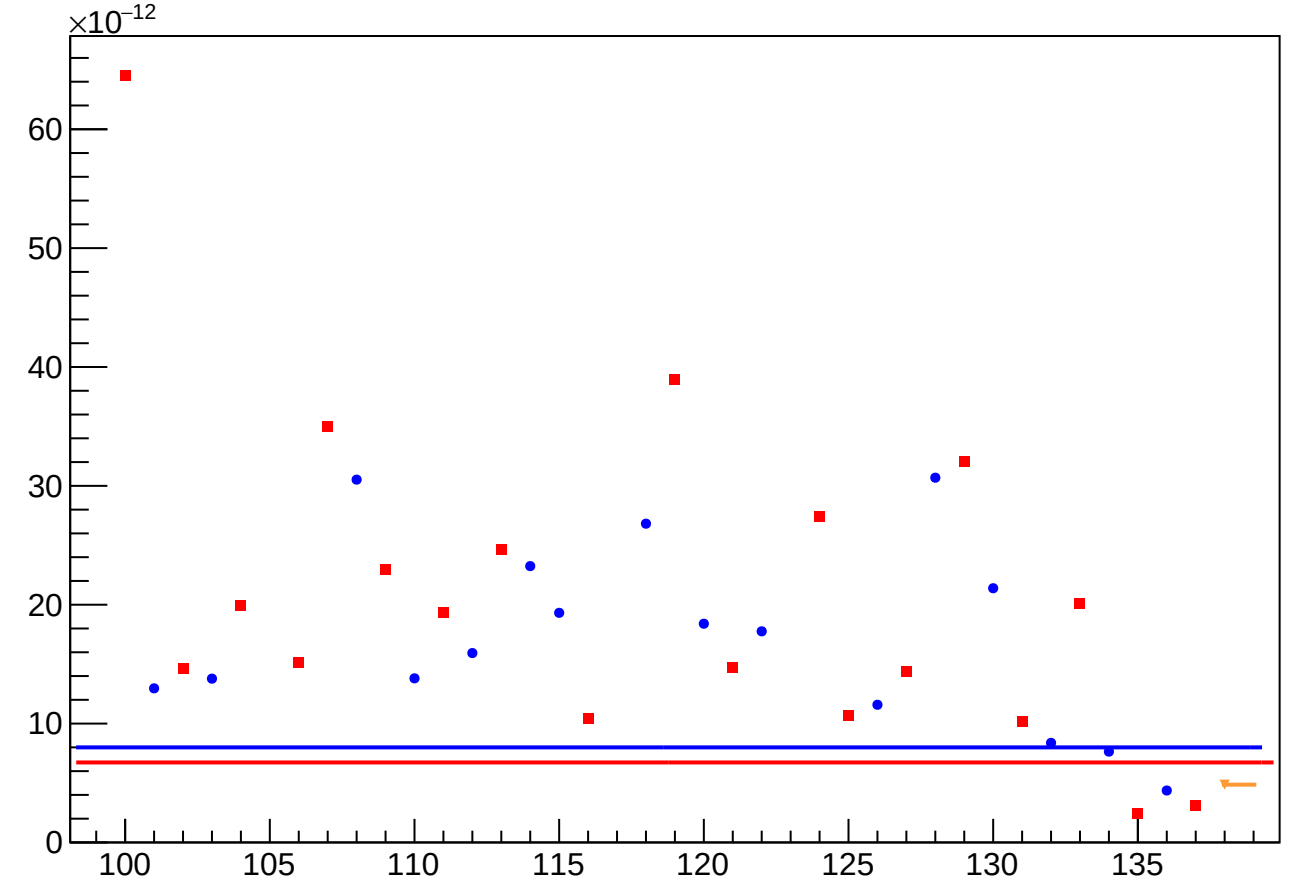
Right Out: -0.000+/-0.000 χ^2/NDF: 23.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 31.3/16

All: -0.000+/-0.000 χ^2/NDF: 54.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 1949755.3/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

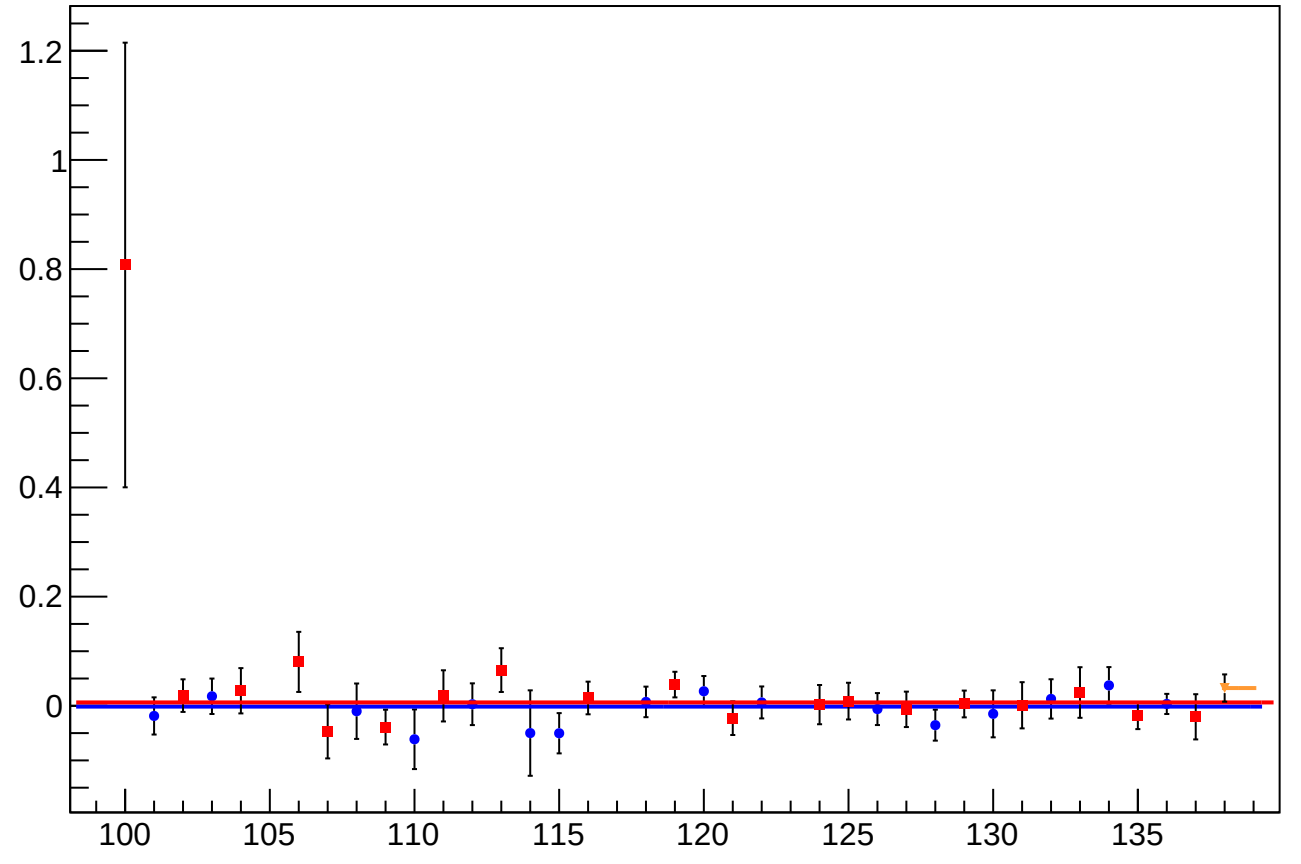
Right Out: 0.000+/-0.000 χ^2/NDF: 3379574.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 2152707.6/16

All: 0.000+/-0.000 χ^2/NDF: 5534143.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.001+/-0.008 χ^2/NDF: 8.3/15

Left Out: 0.033+/-0.025 χ^2/NDF:0.0/0

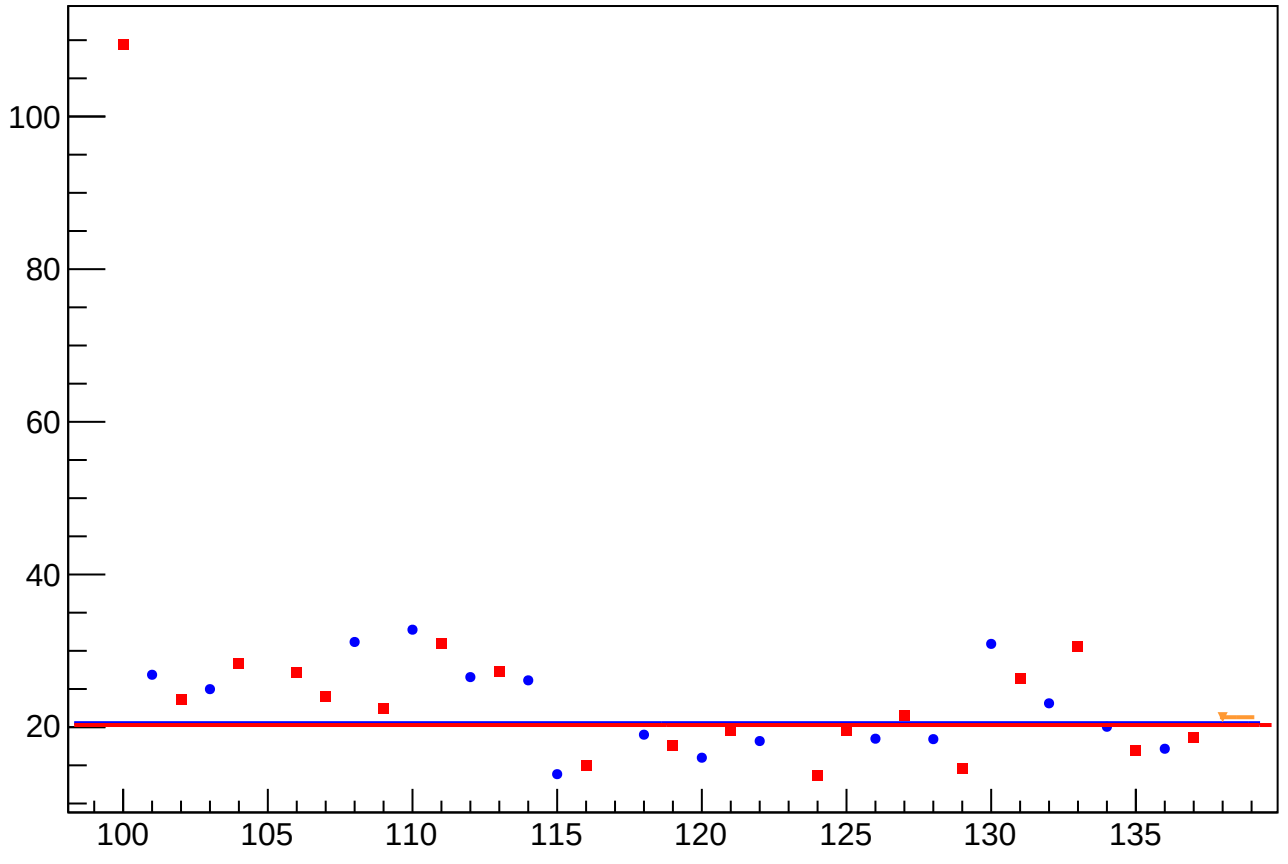
Right Out: 0.006+/-0.008 χ^2/NDF: 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.008 χ^2/NDF: 9.9/16

All: 0.004+/-0.005 χ^2/NDF: 26.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.522+/-0.006 χ^2/NDF: 705998.4/15

Left Out: 21.303+/-0.018 χ^2/NDF:0.0/0

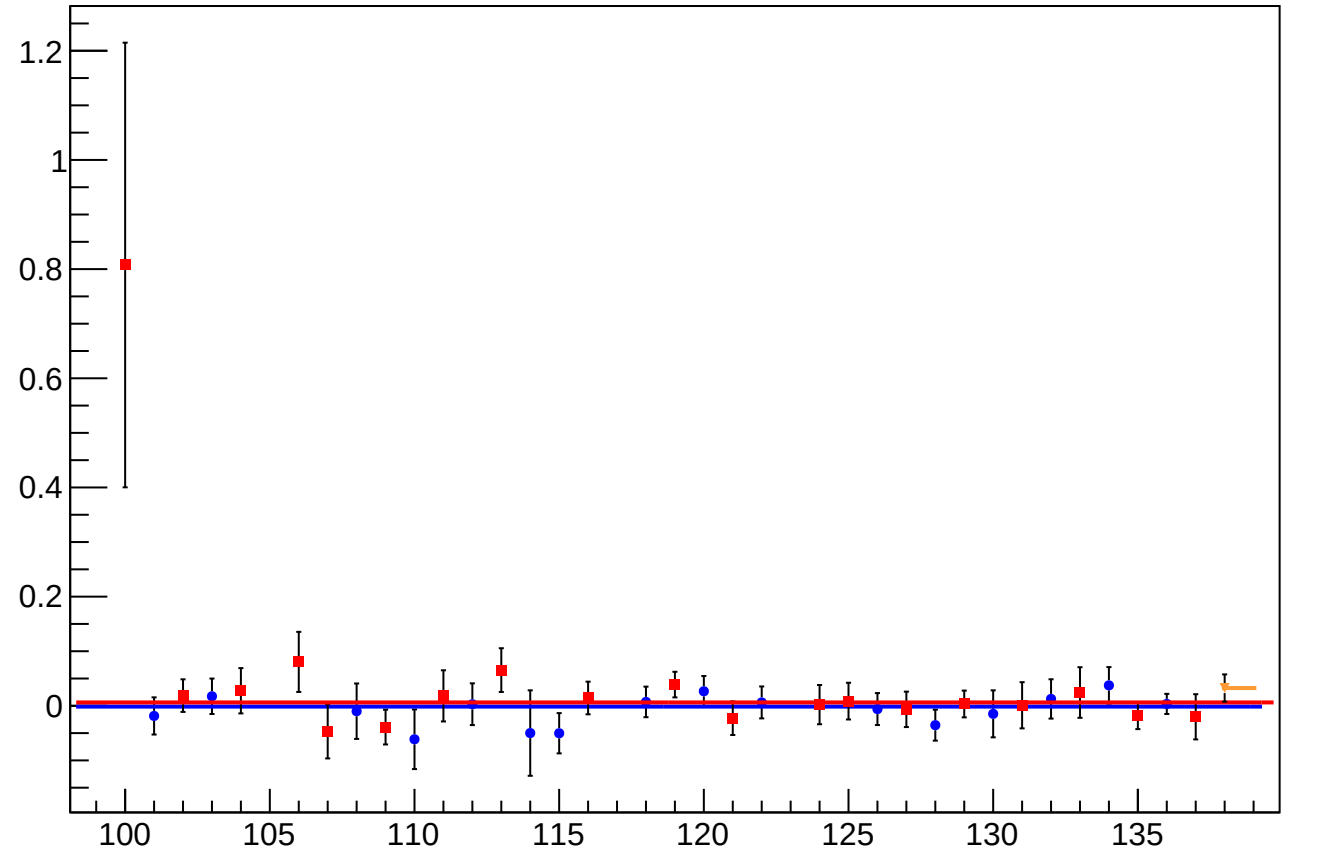
Right Out: 20.282+/-0.006 χ^2/NDF: 864352.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.595+/-0.005 χ^2/NDF: 707765.6/16

All: 20.443+/-0.004 χ^2/NDF: 1573743.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.001+/-0.008 χ^2/NDF: 8.3/15

Left Out: 0.033+/-0.025 χ^2/NDF:0.0/0

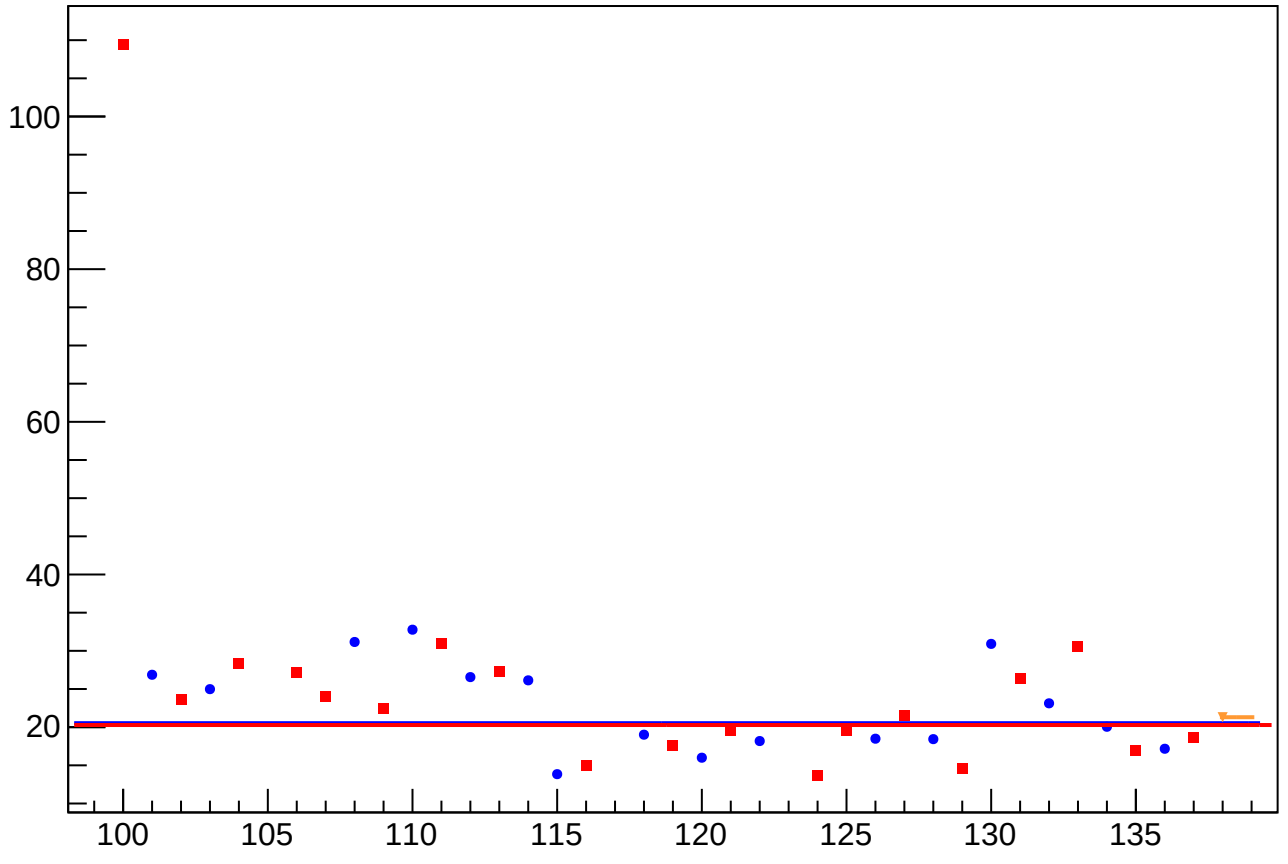
Right Out: 0.006+/-0.008 χ^2/NDF: 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.008 χ^2/NDF: 9.9/16

All: 0.004+/-0.005 χ^2/NDF: 26.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.522+/-0.006 χ^2/NDF: 705998.4/15

Left Out: 21.303+/-0.018 χ^2/NDF:0.0/0

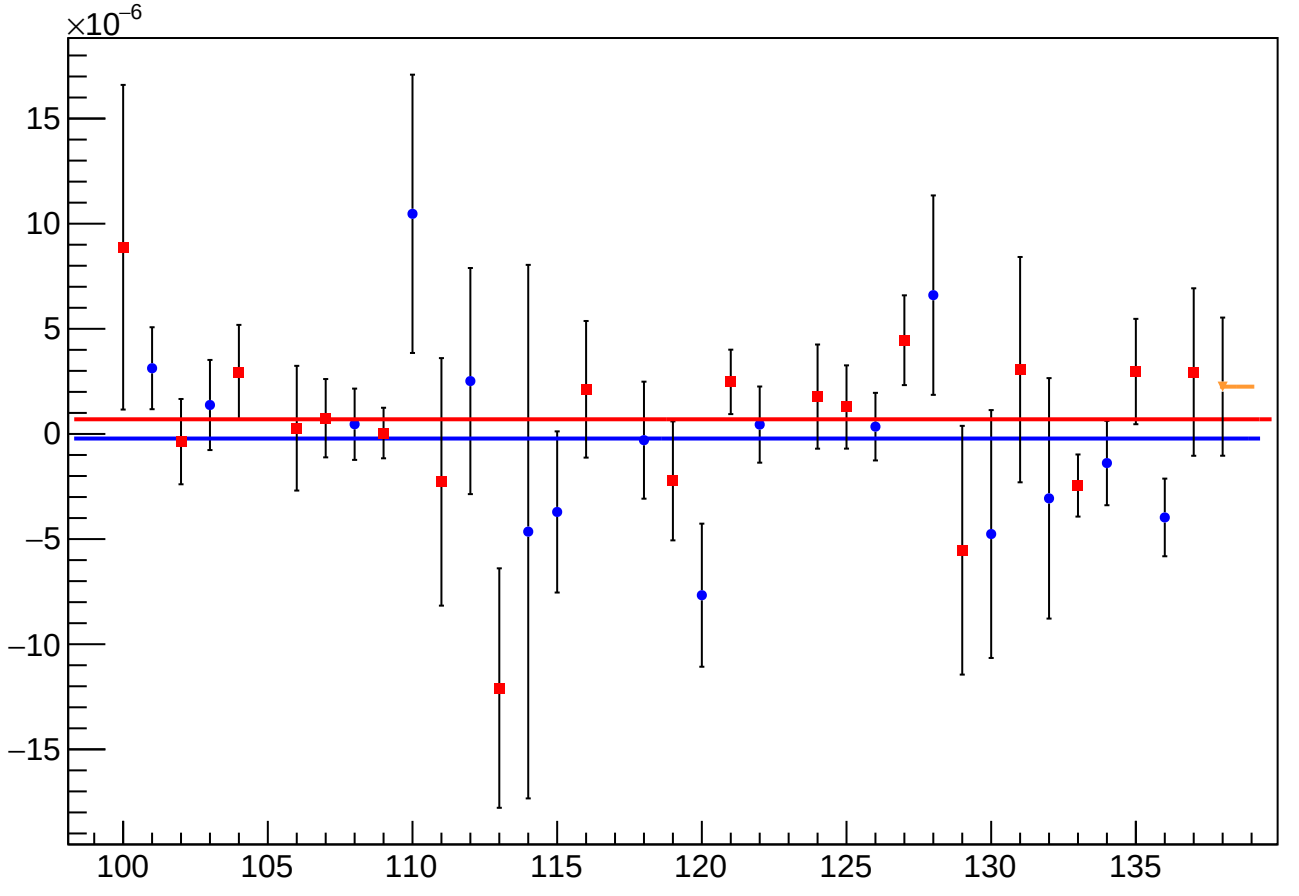
Right Out: 20.282+/-0.006 χ^2/NDF: 864352.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.595+/-0.005 χ^2/NDF: 707765.6/16

All: 20.443+/-0.004 χ^2/NDF: 1573743.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

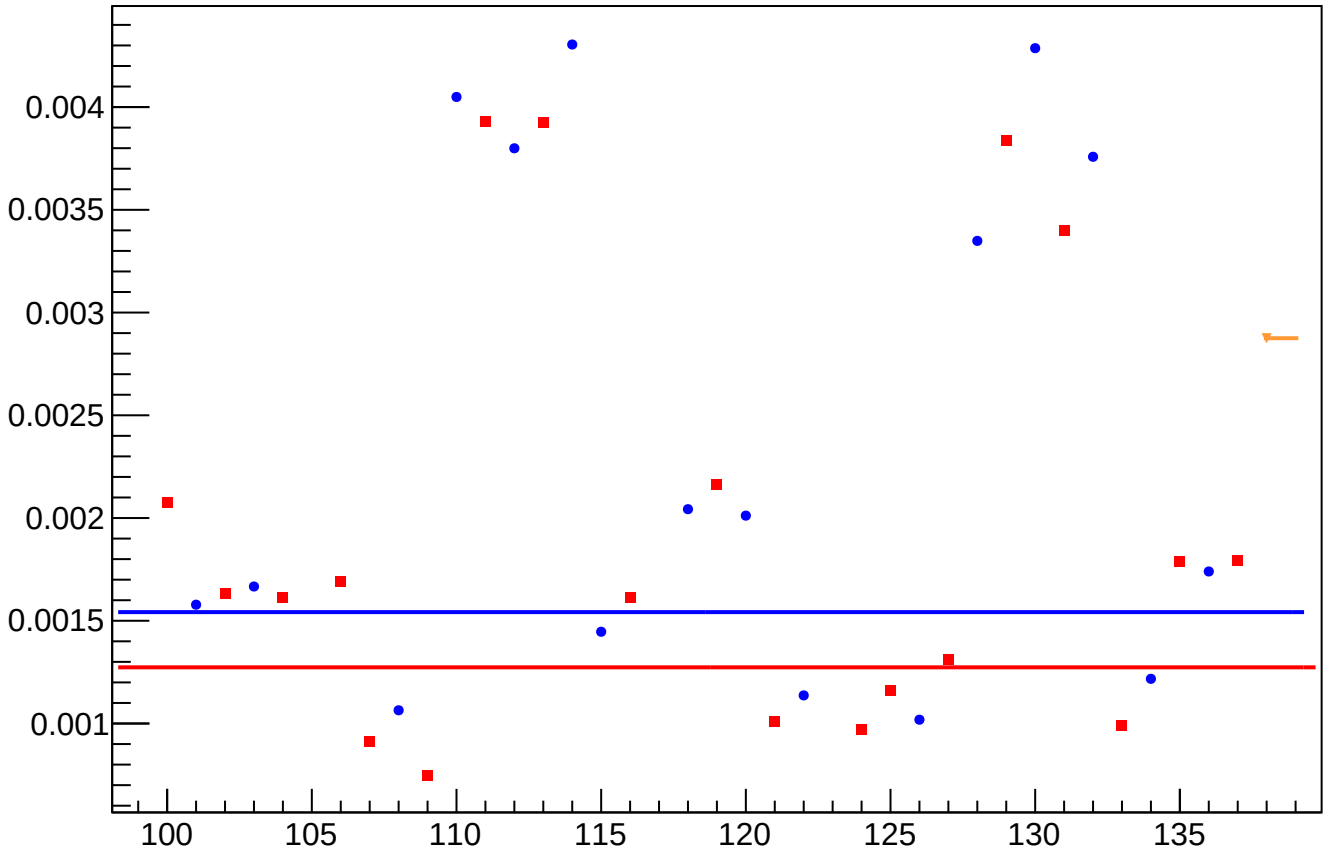
Right Out: 0.000+/-0.000 χ^2/NDF: 21.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 20.5/16

All: 0.000+/-0.000 χ^2/NDF: 42.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 2416805.2/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

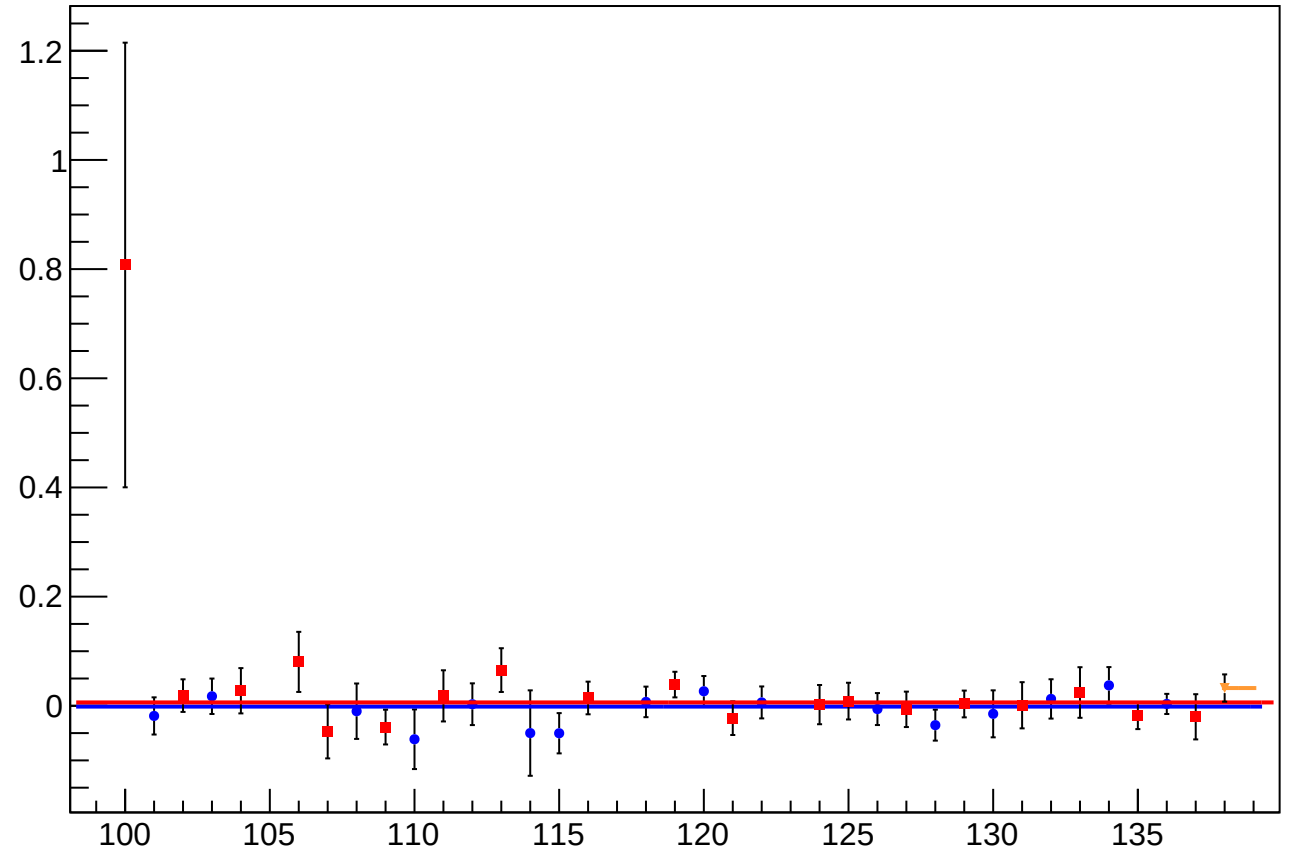
Right Out: 0.001+/-0.000 χ^2/NDF: 2667436.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 2734391.3/16

All: 0.001+/-0.000 χ^2/NDF: 5705296.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.001+/-0.008 χ^2/NDF: 8.3/15

Left Out: 0.033+/-0.025 χ^2/NDF:0.0/0

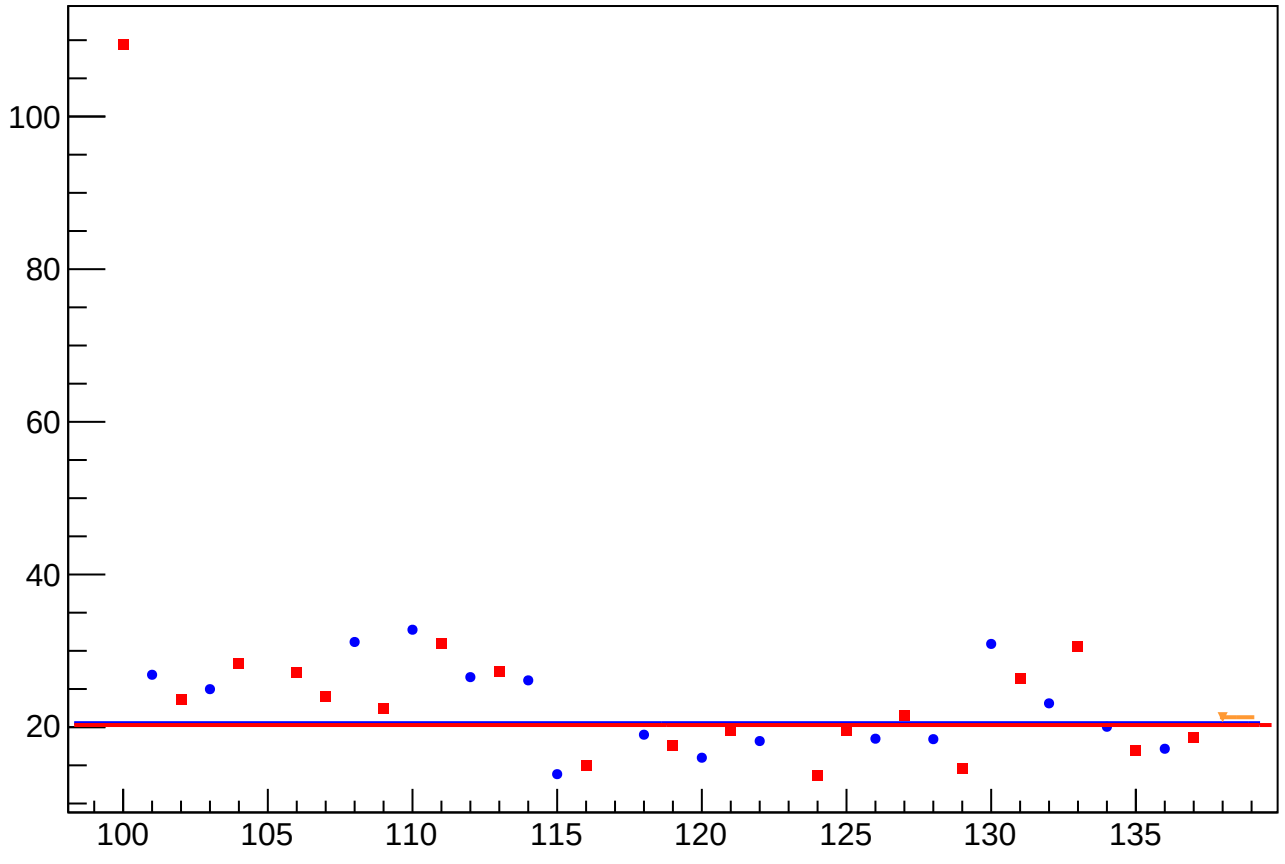
Right Out: 0.006+/-0.008 χ^2/NDF: 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.008 χ^2/NDF: 9.9/16

All: 0.004+/-0.005 χ^2/NDF: 26.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.521+/-0.006 χ^2/NDF: 705877.0/15

Left Out: 21.302+/-0.018 χ^2/NDF:0.0/0

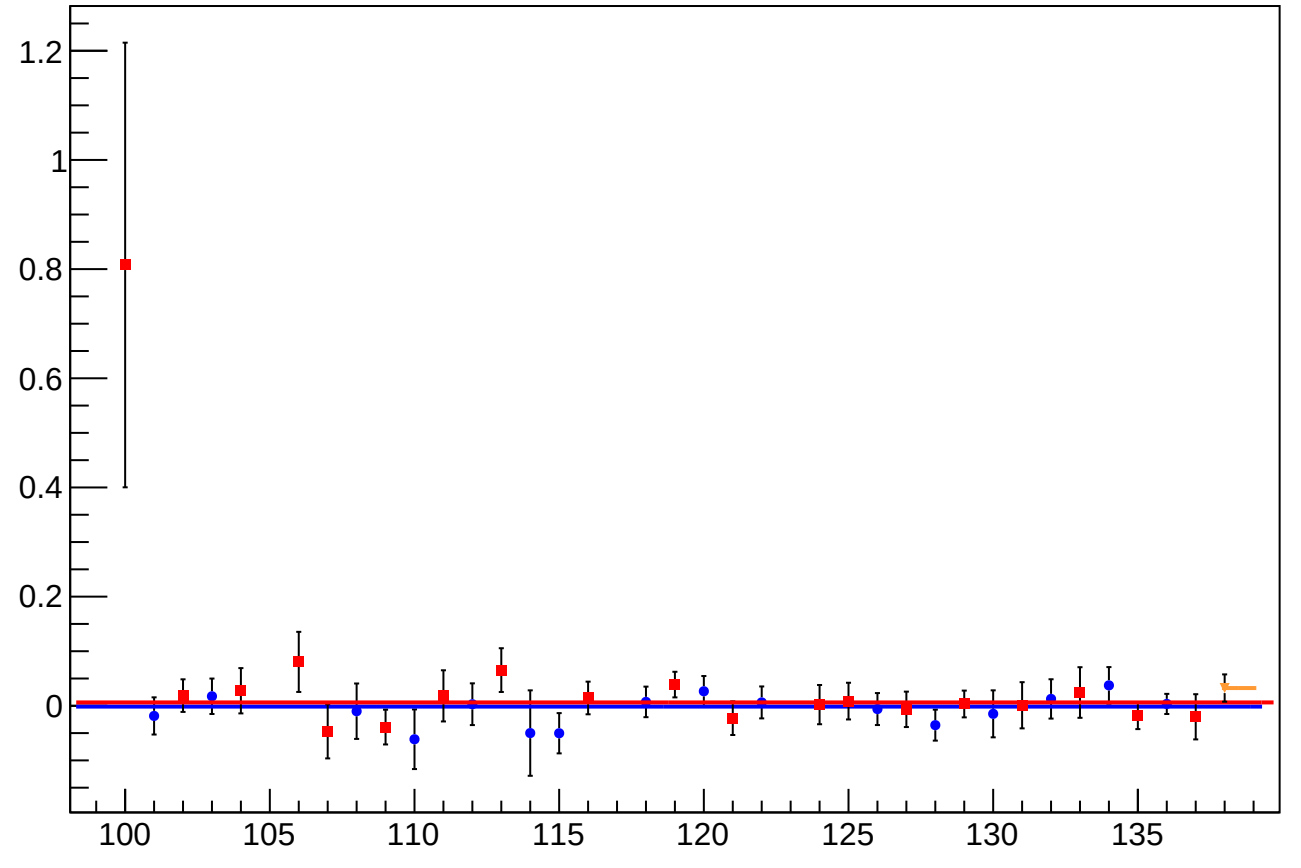
Right Out: 20.281+/-0.006 χ^2/NDF: 864361.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.595+/-0.005 χ^2/NDF: 707642.0/16

All: 20.442+/-0.004 χ^2/NDF: 1573629.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.001+/-0.008 χ^2/NDF: 8.3/15

Left Out: 0.033+/-0.025 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.008 χ^2/NDF: 16.2/18

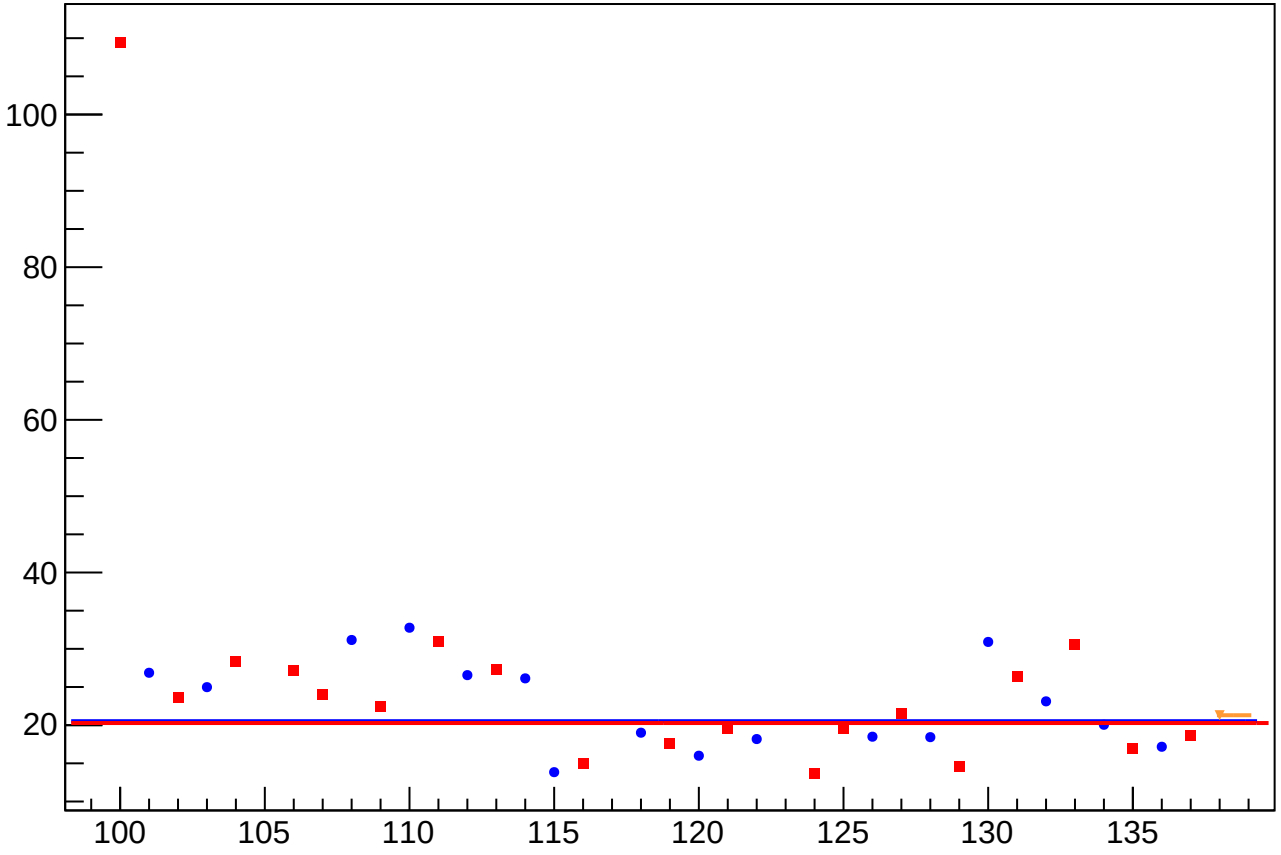
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.008 χ^2/NDF: 9.9/16

All: 0.004+/-0.005 χ^2/NDF: 26.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.521+/-0.006 χ^2/NDF: 705877.0/15

Left Out: 21.302+/-0.018 χ^2/NDF:0.0/0

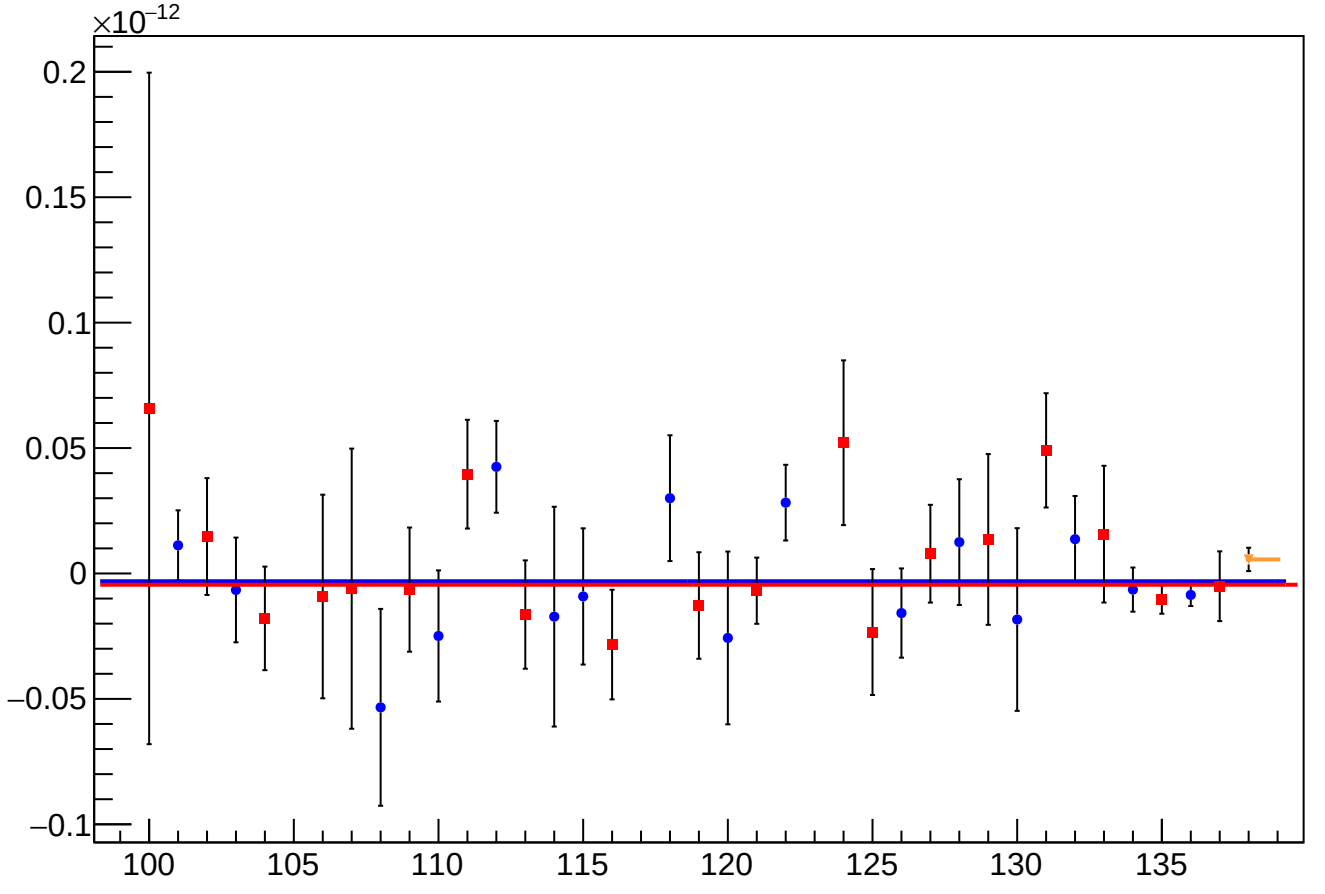
Right Out: 20.281+/-0.006 χ^2/NDF: 864361.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.595+/-0.005 χ^2/NDF: 707642.0/16

All: 20.442+/-0.004 χ^2/NDF: 1573629.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 20.0/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

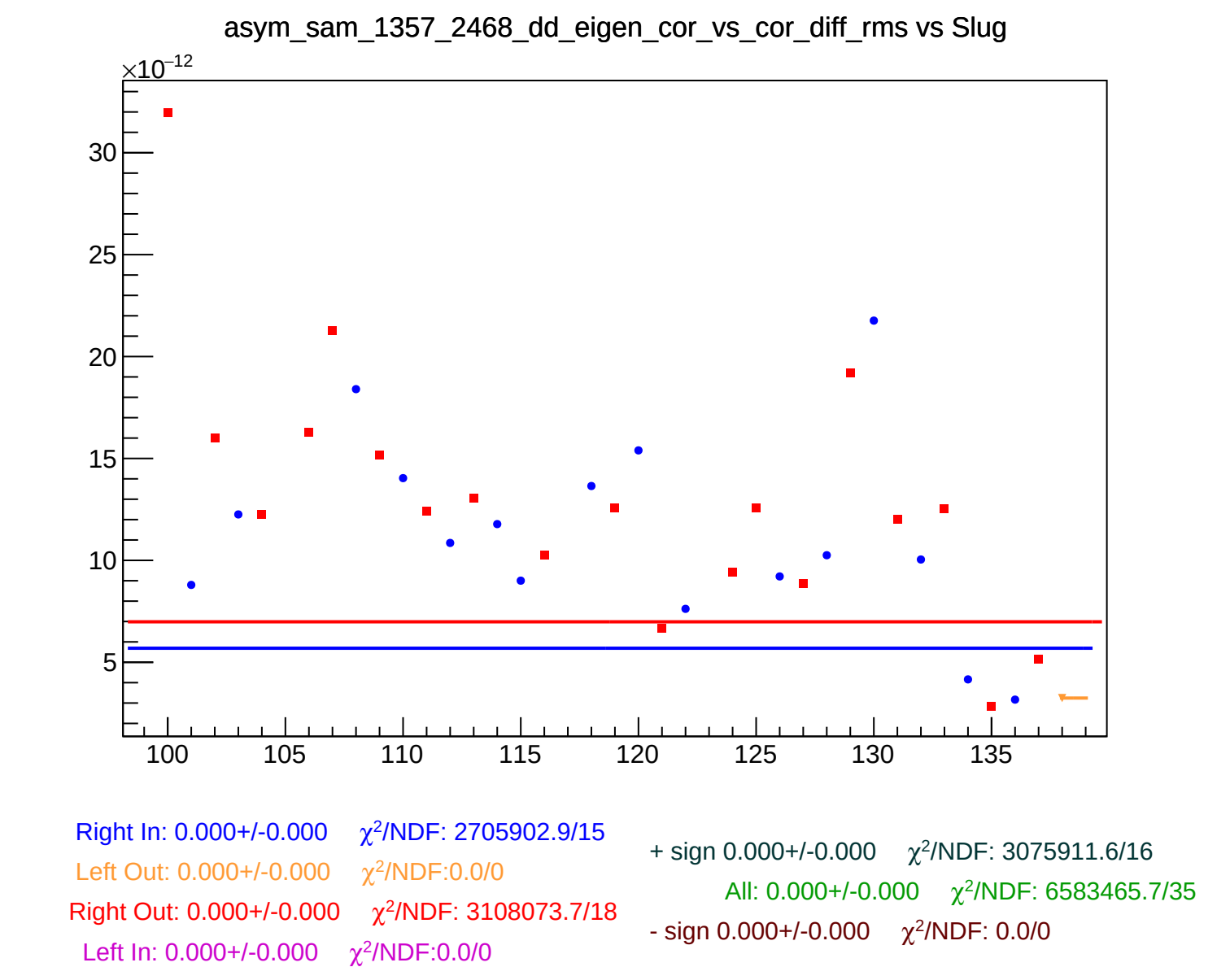
Right Out: -0.000+/-0.000 χ^2/NDF: 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

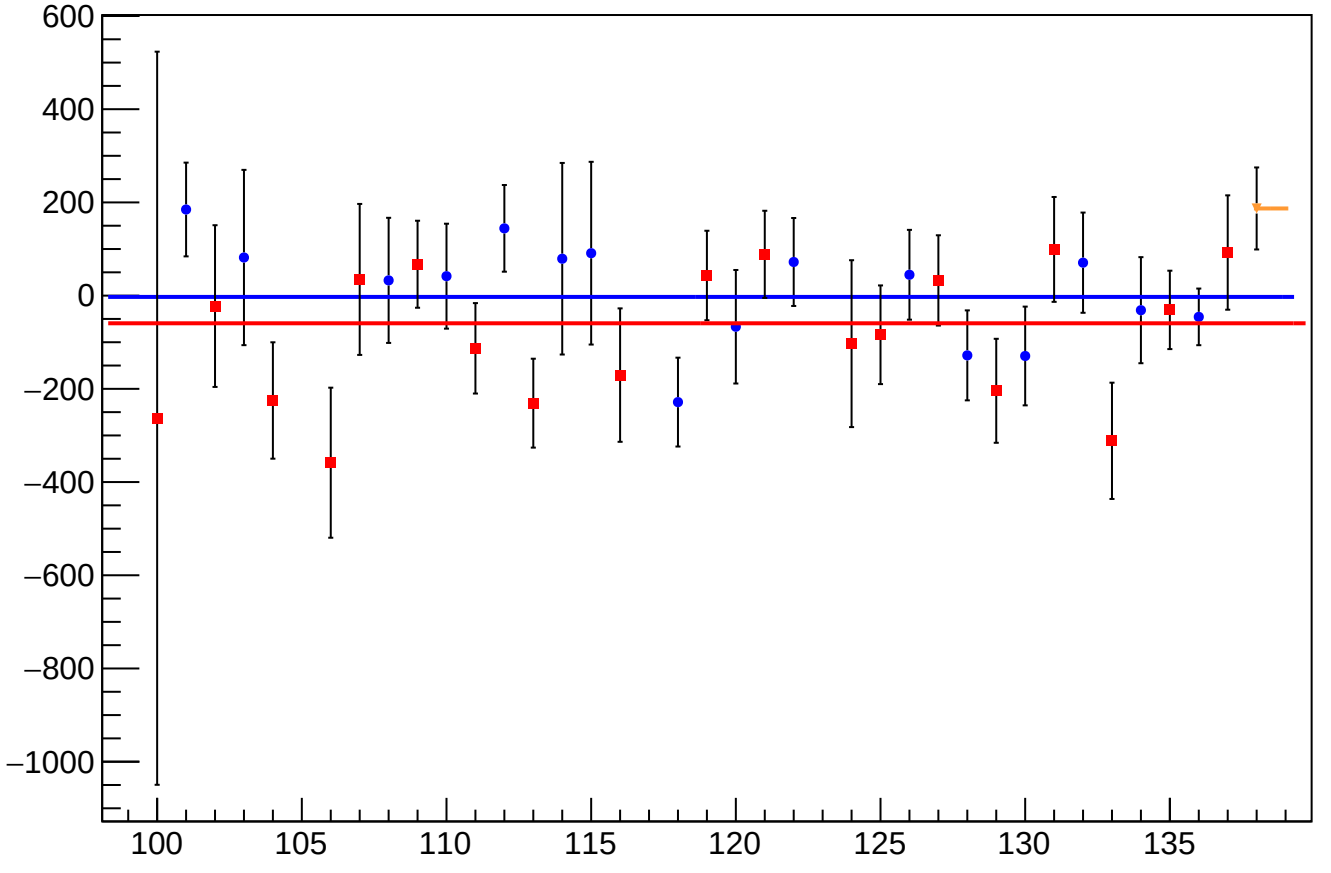
+ sign -0.000+/-0.000 χ^2/NDF: 22.3/16

All: -0.000+/-0.000 χ^2/NDF: 41.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
30
25
20
15
10
5
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 2705902.9/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 3108073.7/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3075911.6/16
All: 0.000+/-0.000 χ²/NDF: 6583465.7/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: -2.766+/-26.213 χ^2/NDF: 17.7/15

Left Out: 187.015+/-87.996 χ^2/NDF:0.0/0

Right Out: -59.349+/-26.382 χ^2/NDF: 25.7/18

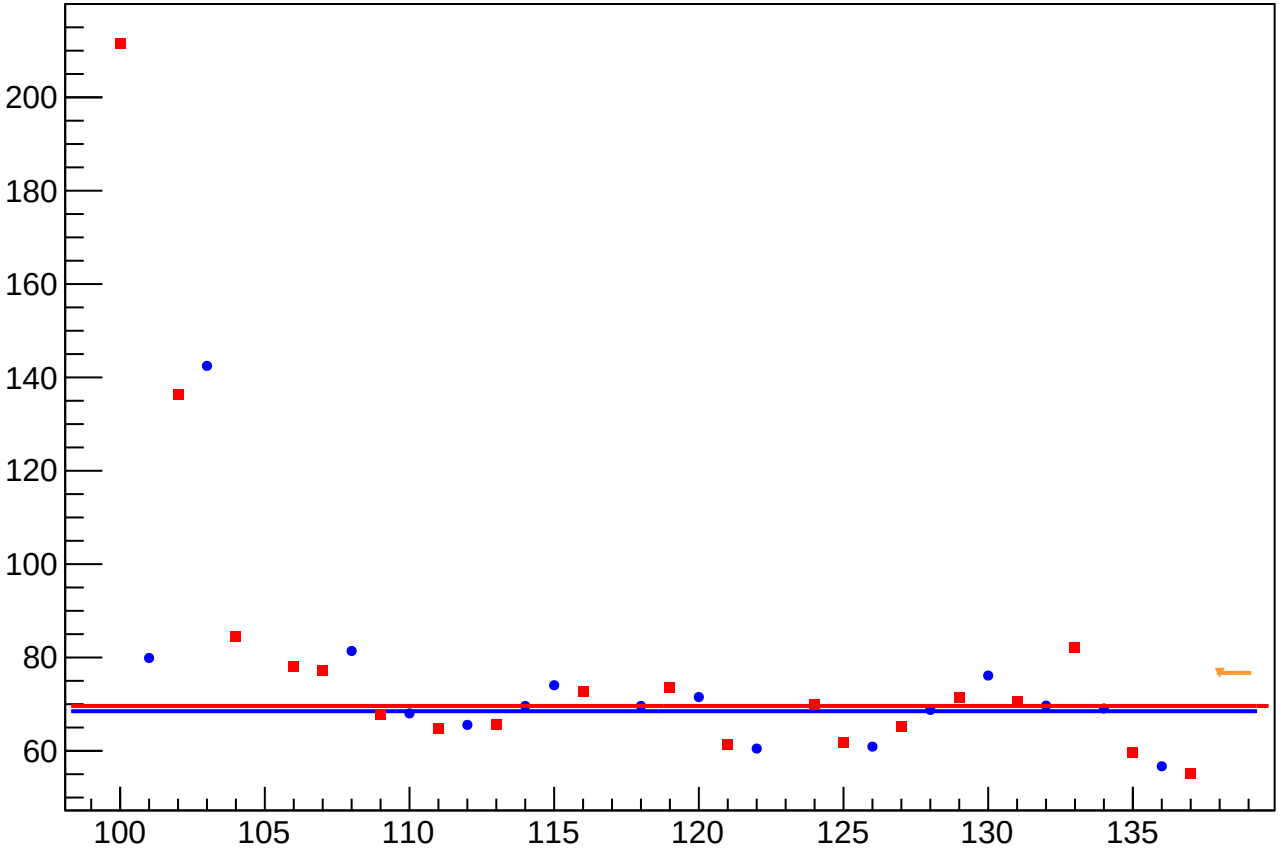
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.702+/-25.122 χ^2/NDF: 22.0/16

All: -21.561+/-18.193 χ^2/NDF: 51.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 68.499+/-0.019 χ^2/NDF: 471865.0/15

Left Out: 76.704+/-0.062 χ^2/NDF:0.0/0

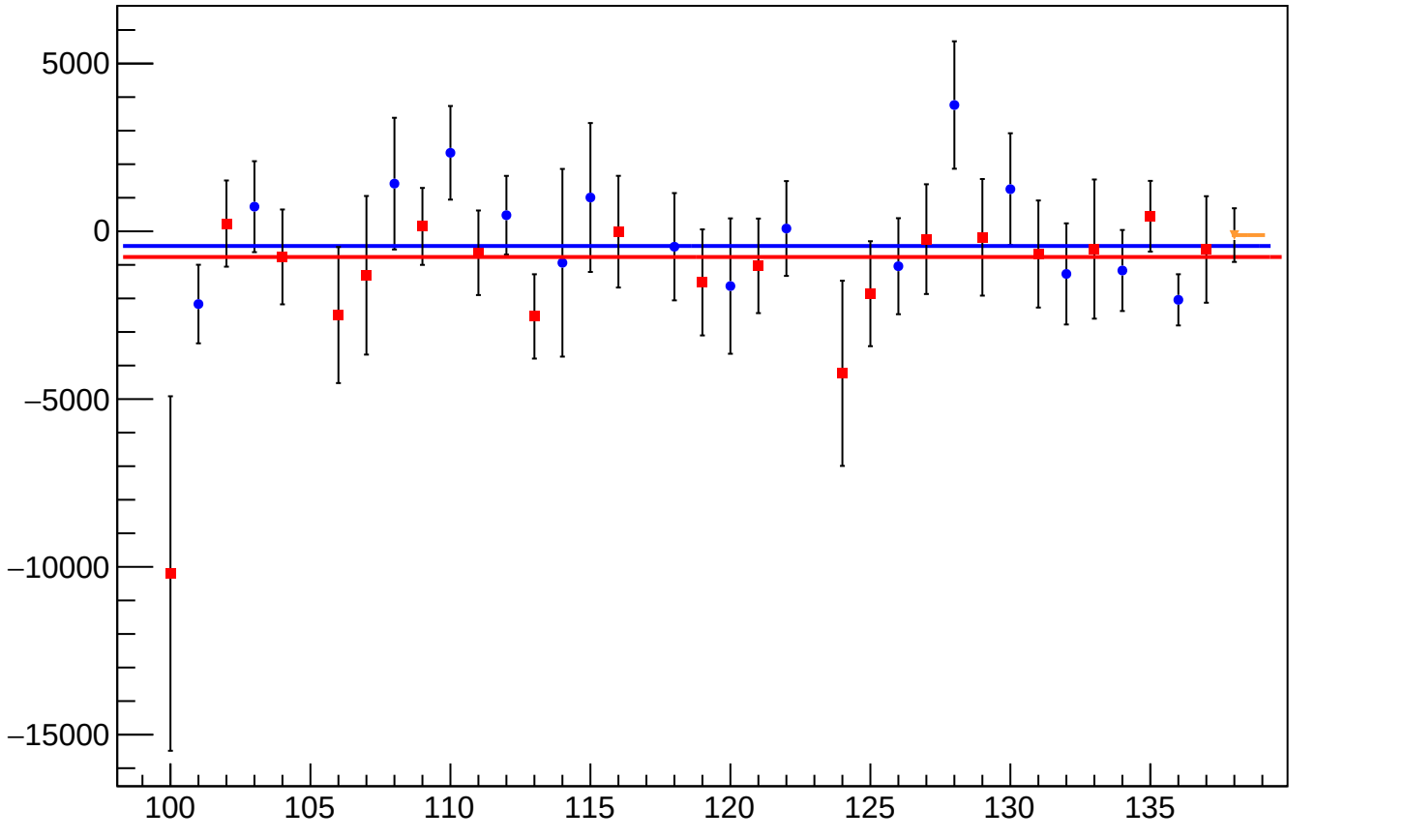
Right Out: 69.620+/-0.019 χ^2/NDF: 520403.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.167+/-0.018 χ^2/NDF: 487839.1/16

All: 69.383+/-0.013 χ^2/NDF: 1008551.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -437.444+/-348.880 χ^2/NDF: 20.6/15

Left Out: -112.692+/-799.740 χ^2/NDF:0.0/0

Right Out: -765.341+/-353.052 χ^2/NDF: 11.3/18

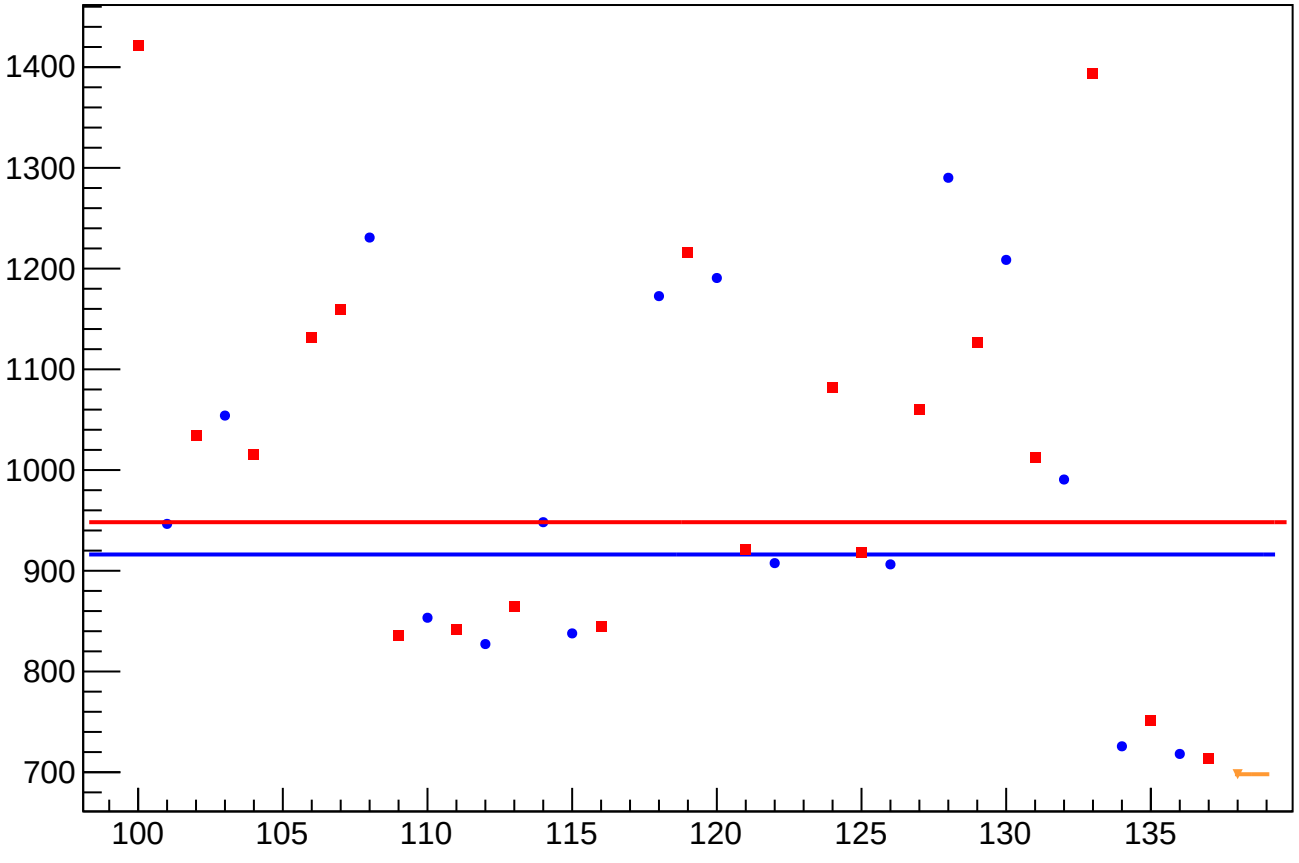
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -385.523+/-319.776 χ^2/NDF: 20.7/16

All: -556.693+/-237.009 χ^2/NDF: 32.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 916.171+/-0.247 χ^2/NDF: 509126.4/15

Left Out: 698.010+/-0.566 χ^2/NDF:0.0/0

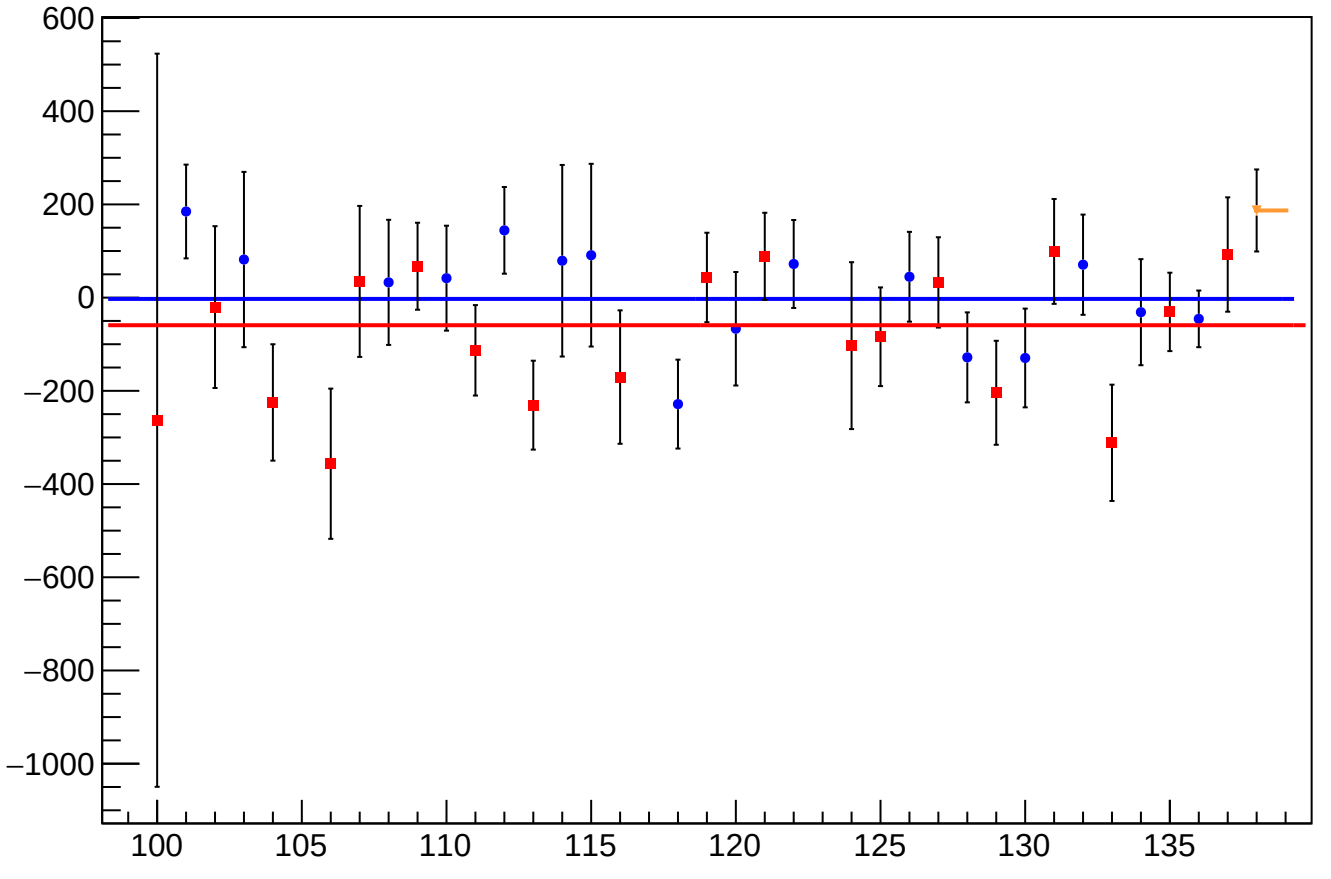
Right Out: 948.235+/-0.250 χ^2/NDF: 415192.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 881.291+/-0.226 χ^2/NDF: 634160.1/16

All: 911.460+/-0.168 χ^2/NDF: 1088854.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.773+/-26.213 χ^2/NDF: 17.7/15

Left Out: 187.009+/-87.996 χ^2/NDF:0.0/0

Right Out: -59.226+/-26.384 χ^2/NDF: 25.7/18

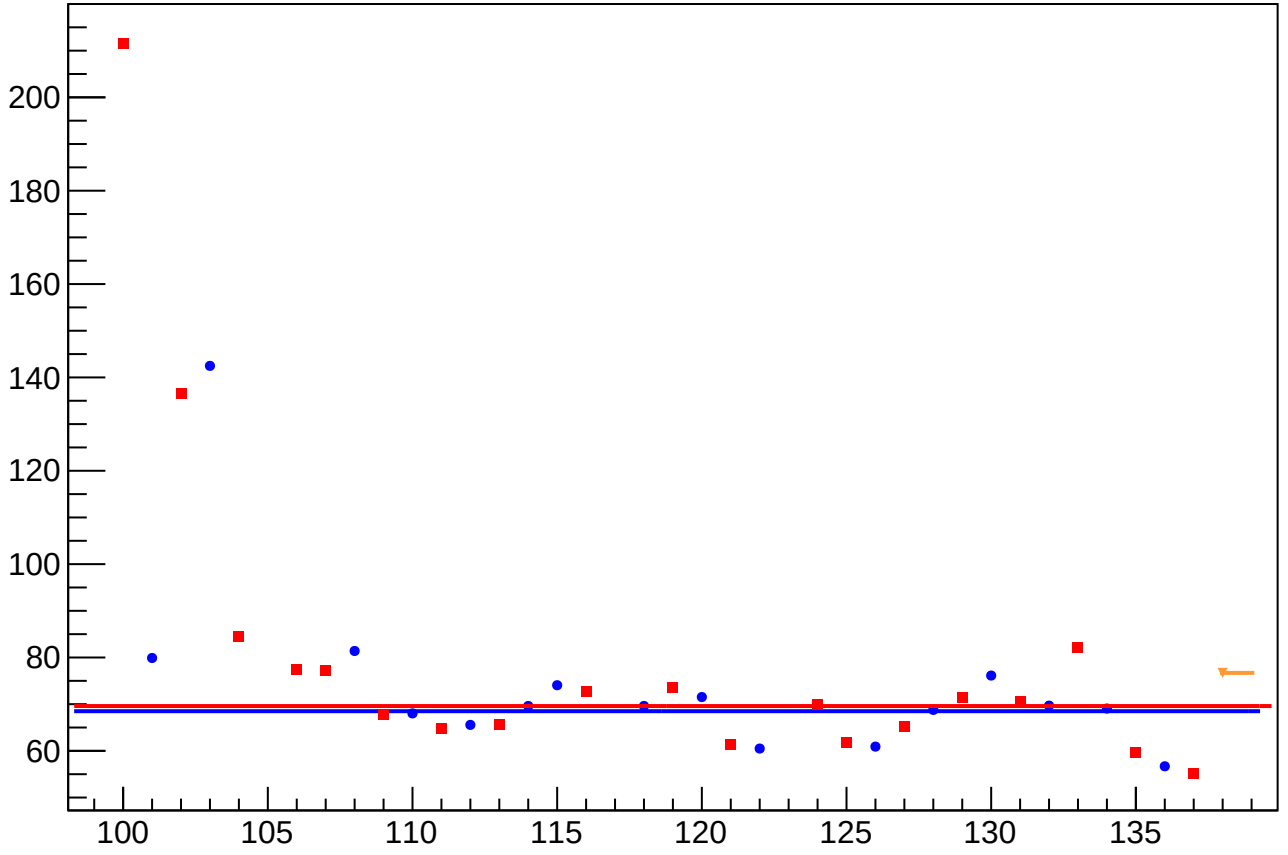
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.695+/-25.122 χ^2/NDF: 22.0/16

All: -21.505+/-18.194 χ^2/NDF: 51.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 68.499+/-0.019 χ^2/NDF: 471868.0/15

Left Out: 76.704+/-0.062 χ^2/NDF:0.0/0

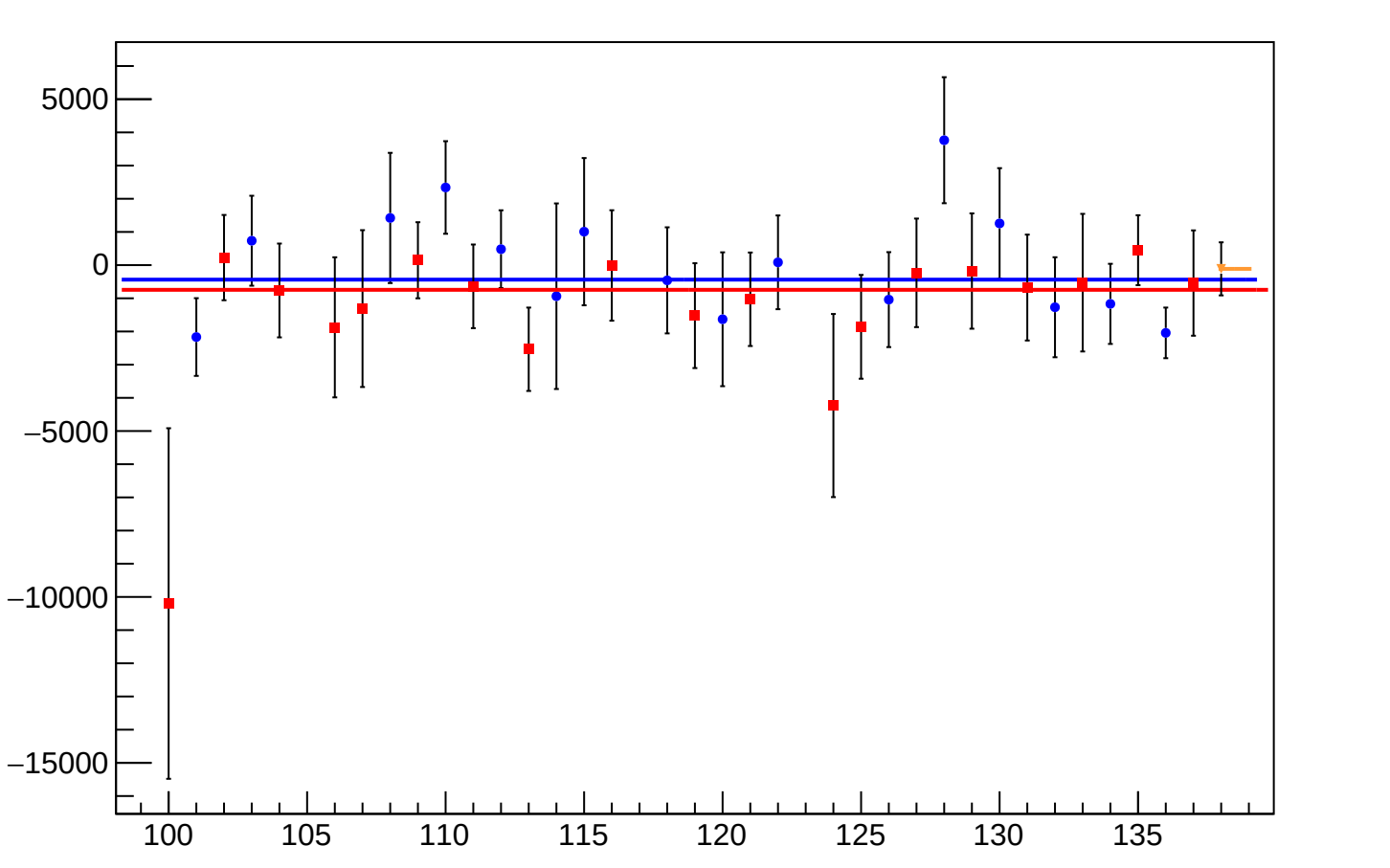
Right Out: 69.600+/-0.019 χ^2/NDF: 519788.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.167+/-0.018 χ^2/NDF: 487842.2/16

All: 69.373+/-0.013 χ^2/NDF: 1007913.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -437.415+/-348.881 χ^2/NDF: 20.6/15

Left Out: -112.698+/-799.739 χ^2/NDF:0.0/0

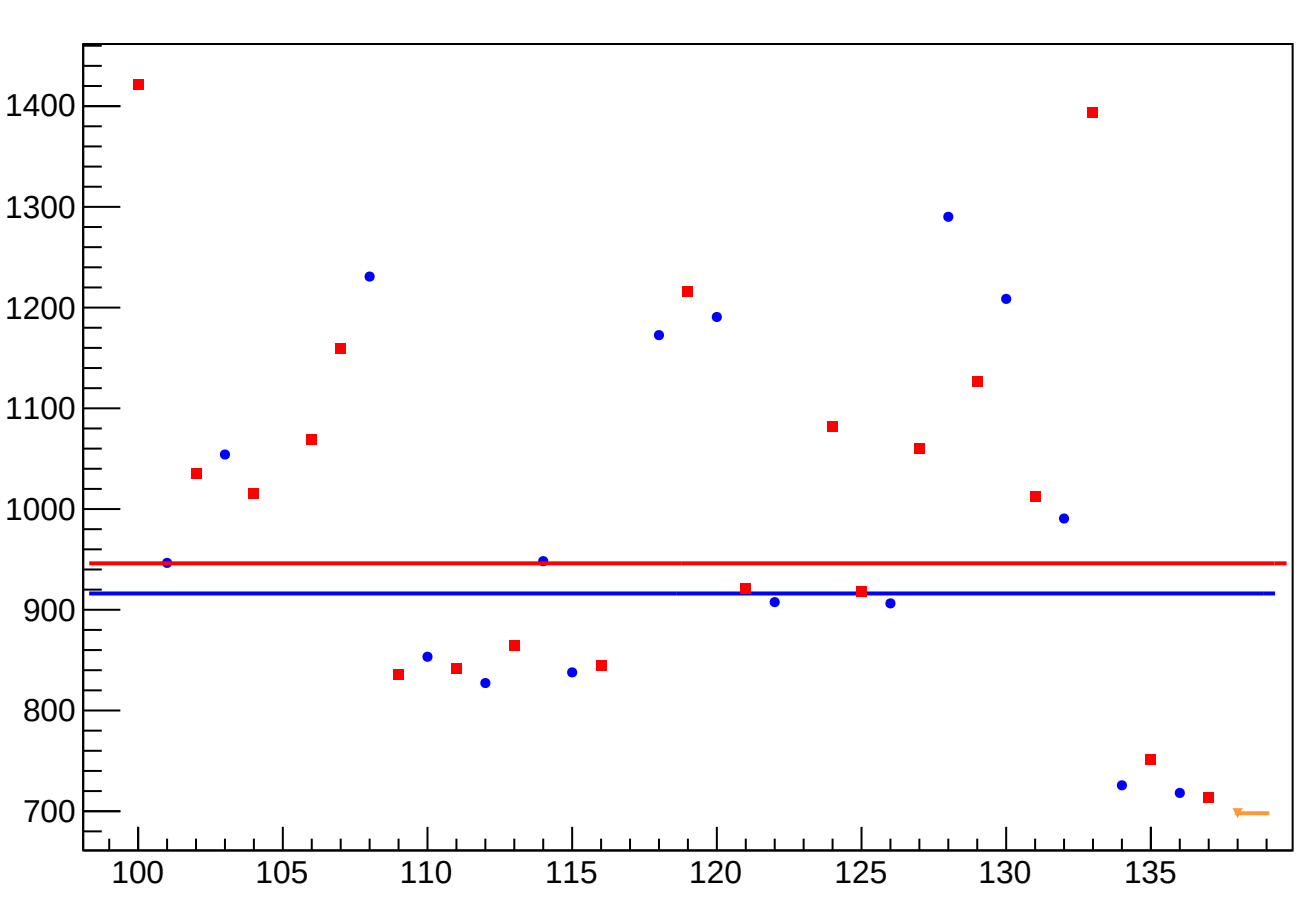
Right Out: -744.388+/-353.488 χ^2/NDF: 10.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -385.499+/-319.778 χ^2/NDF: 20.7/16

All: -547.019+/-237.142 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 916.174+/-0.247 χ^2/NDF: 509149.2/15

Left Out: 698.009+/-0.566 χ^2/NDF:0.0/0

Right Out: 946.093+/-0.250 χ^2/NDF: 405411.3/18

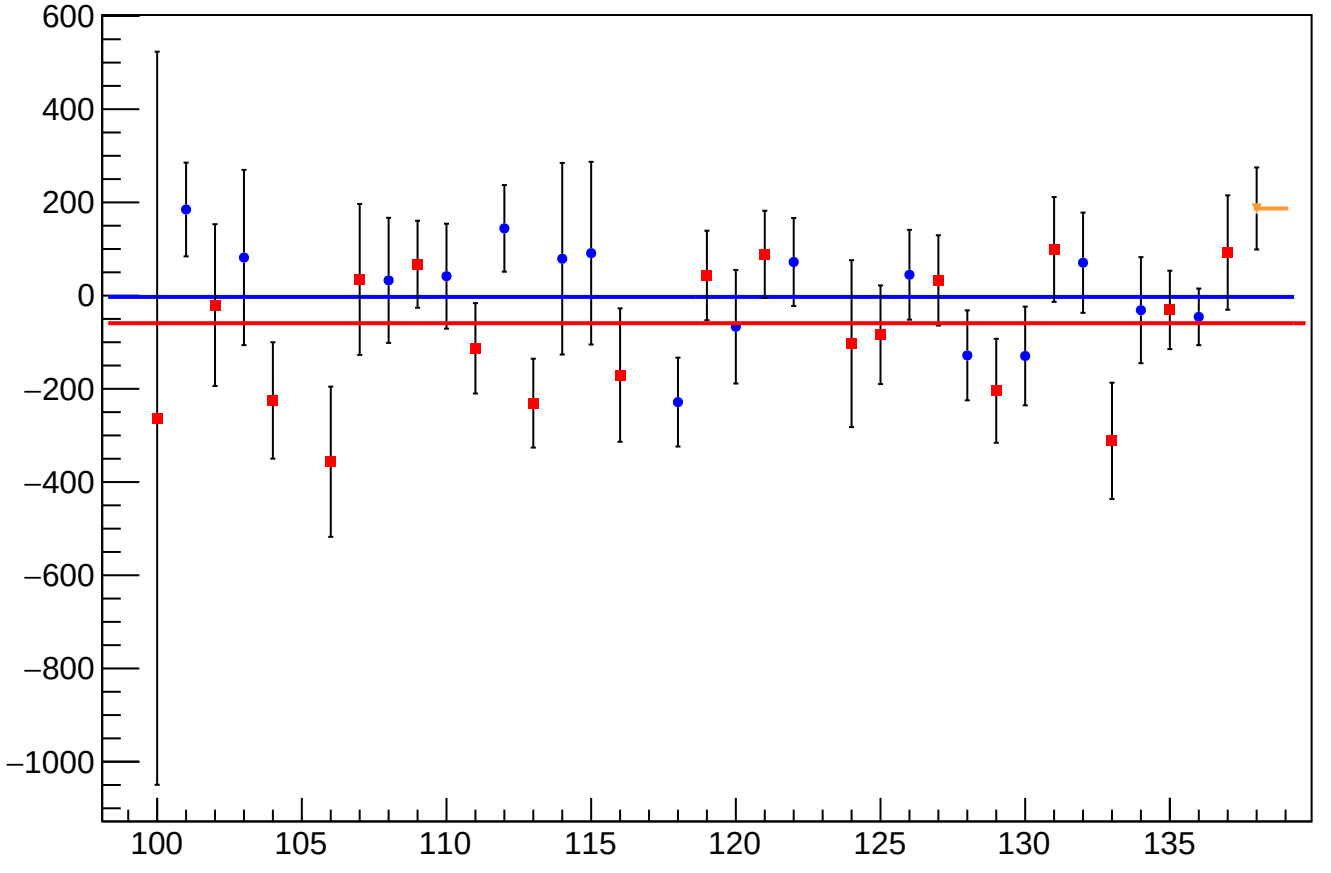
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 881.294+/-0.226 χ^2/NDF: 634188.1/16

All: 910.457+/-0.168 χ^2/NDF: 1076559.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: -2.773+/-26.213 χ^2/NDF: 17.7/15

Left Out: 187.009+/-87.996 χ^2/NDF:0.0/0

Right Out: -59.226+/-26.384 χ^2/NDF: 25.7/18

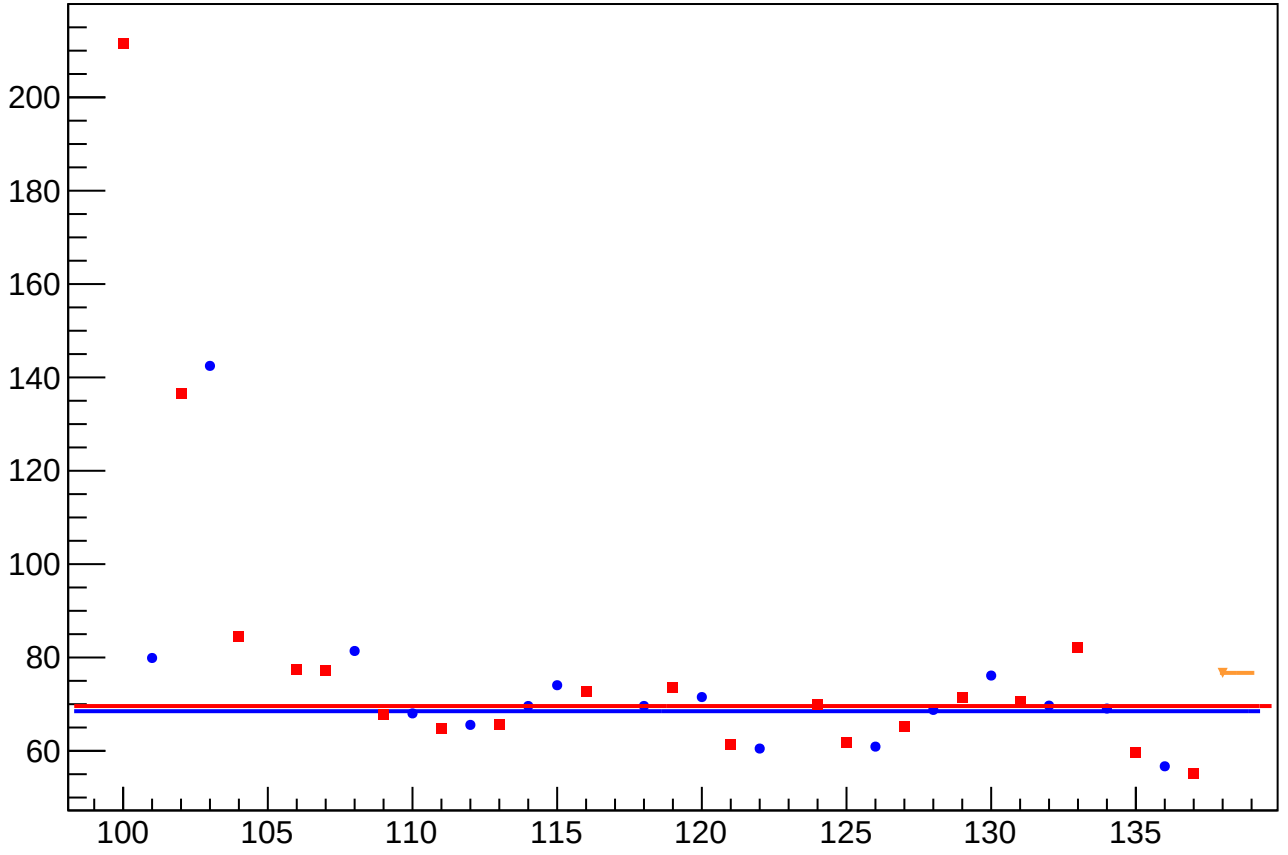
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.695+/-25.122 χ^2/NDF: 22.0/16

All: -21.505+/-18.194 χ^2/NDF: 51.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 68.499+/-0.019 χ^2/NDF: 471868.0/15

Left Out: 76.704+/-0.062 χ^2/NDF:0.0/0

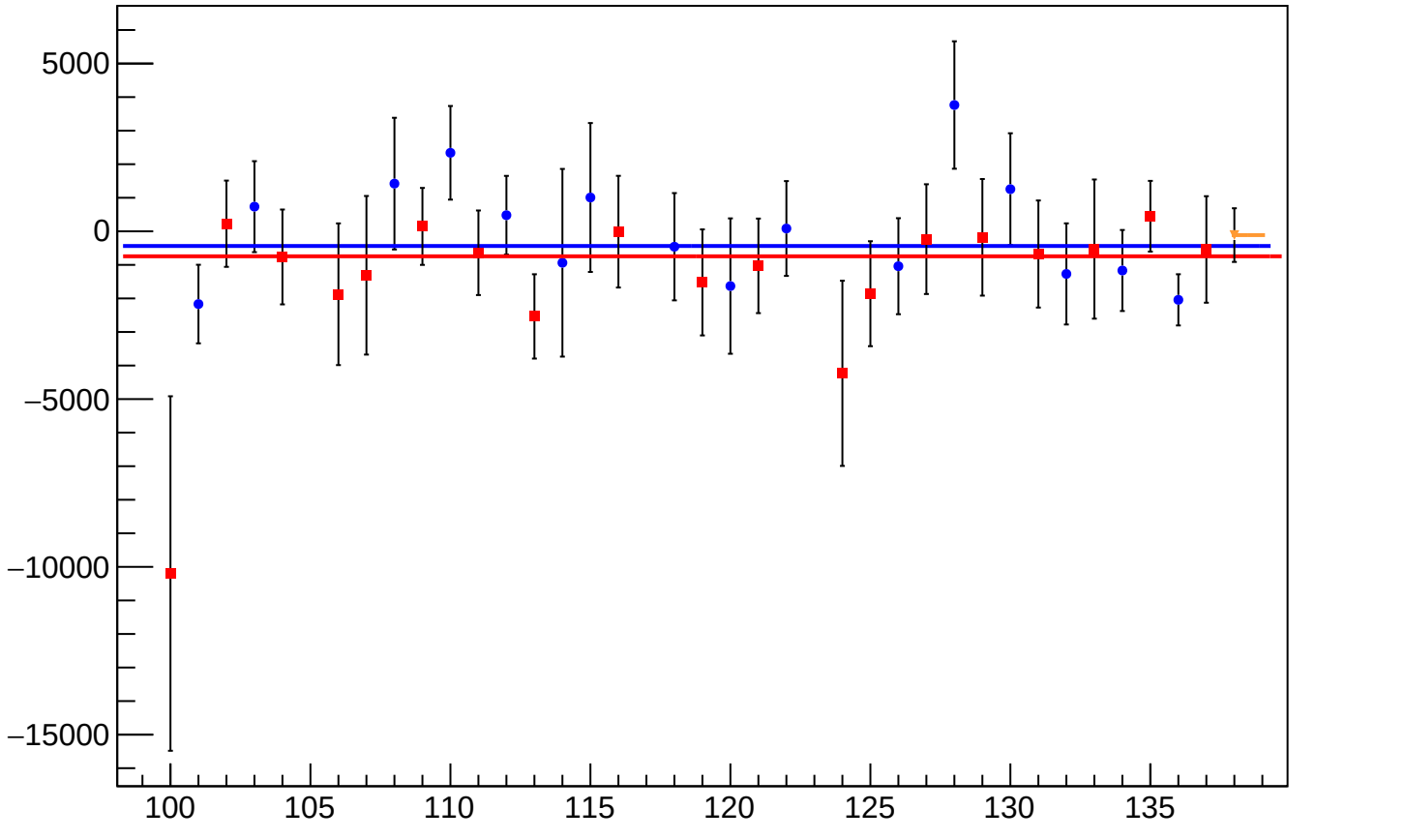
Right Out: 69.600+/-0.019 χ^2/NDF: 519788.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 69.167+/-0.018 χ^2/NDF: 487842.2/16

All: 69.373+/-0.013 χ^2/NDF: 1007913.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -437.415+/-348.881 χ^2/NDF: 20.6/15

Left Out: -112.698+/-799.739 χ^2/NDF:0.0/0

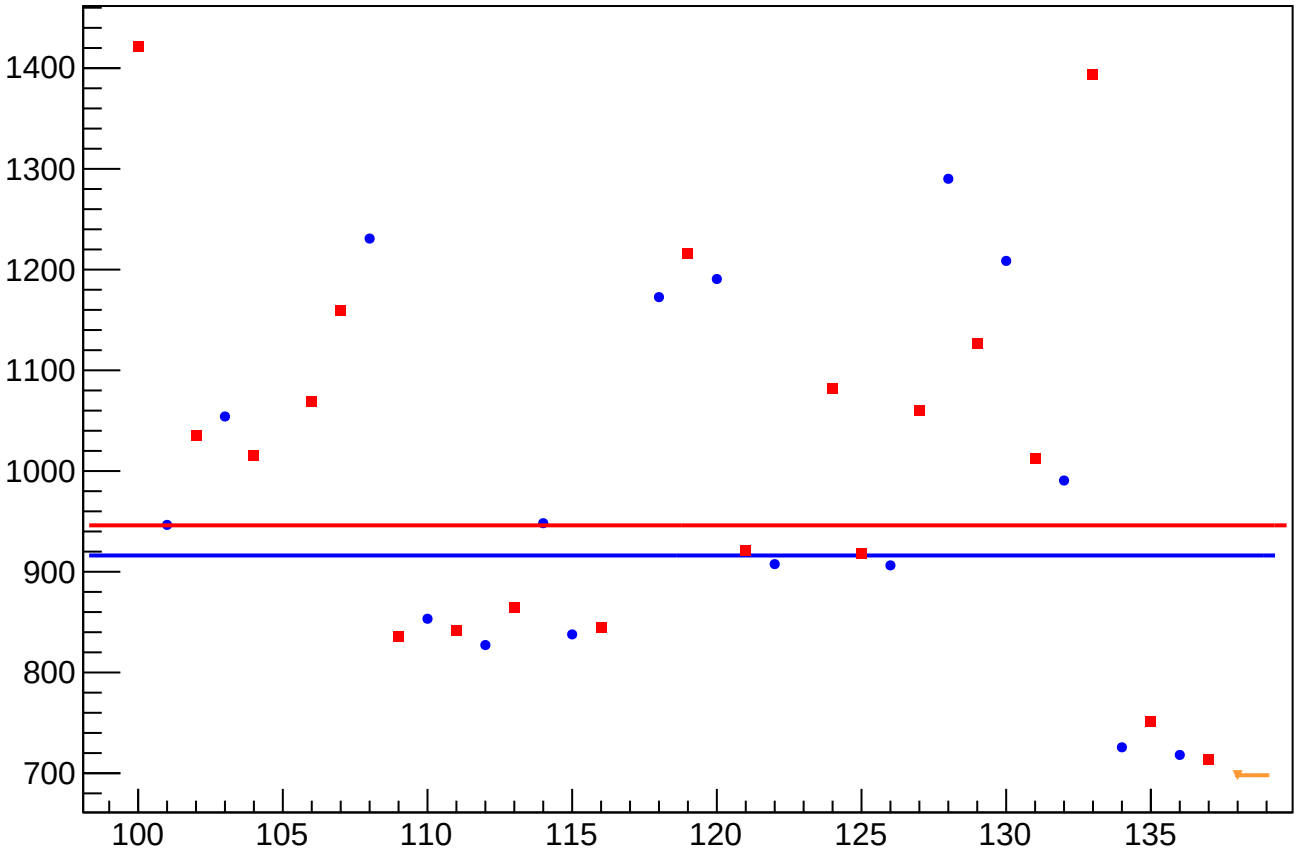
Right Out: -744.388+/-353.488 χ^2/NDF: 10.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -385.499+/-319.778 χ^2/NDF: 20.7/16

All: -547.019+/-237.142 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 916.174+/-0.247 χ^2/NDF: 509149.2/15

Left Out: 698.009+/-0.566 χ^2/NDF:0.0/0

Right Out: 946.093+/-0.250 χ^2/NDF: 405411.3/18

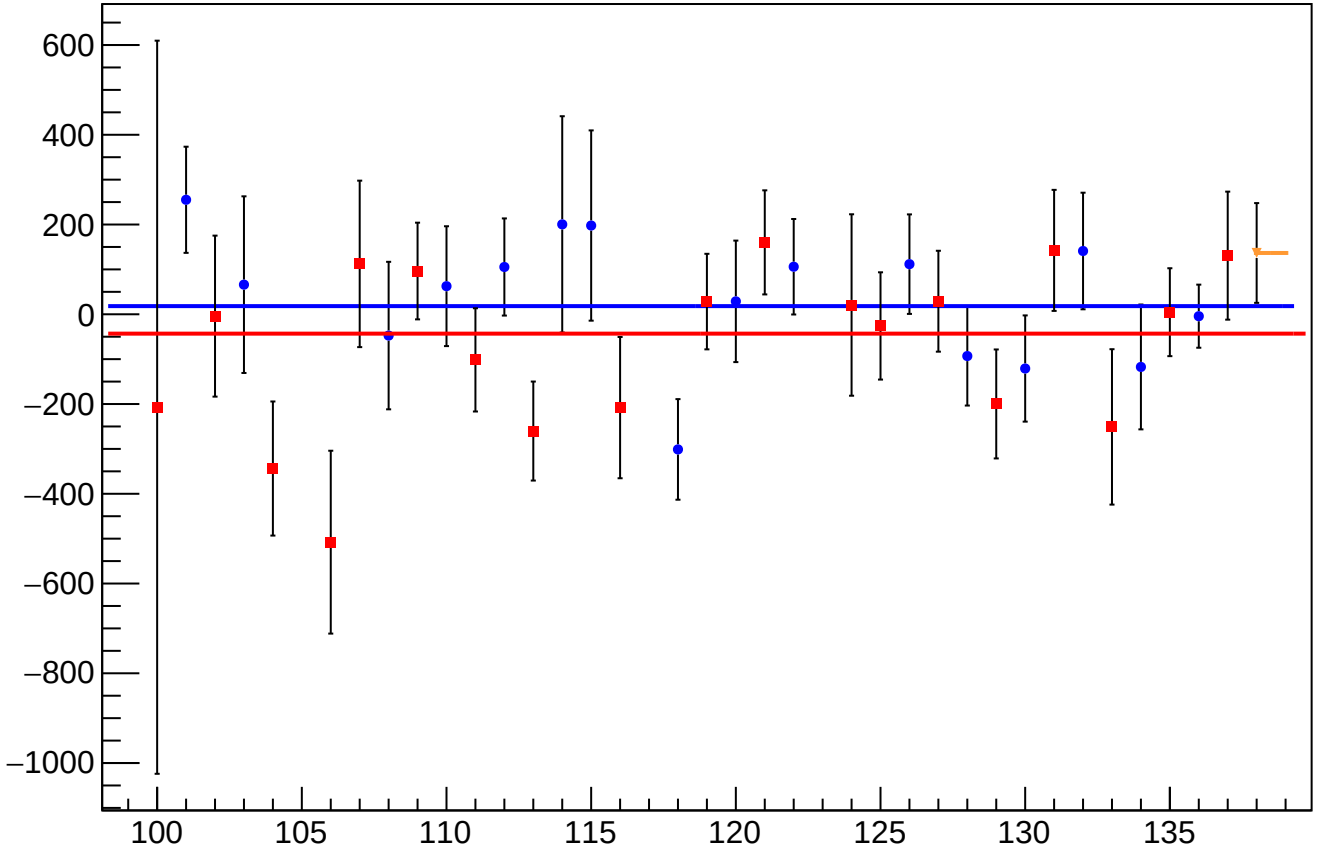
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 881.294+/-0.226 χ^2/NDF: 634188.1/16

All: 910.457+/-0.168 χ^2/NDF: 1076559.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 18.175+/-30.346 χ^2/NDF: 20.1/15

Left Out: 136.618+/-111.158 χ^2/NDF:0.0/0

Right Out: -43.146+/-30.707 χ^2/NDF: 27.7/18

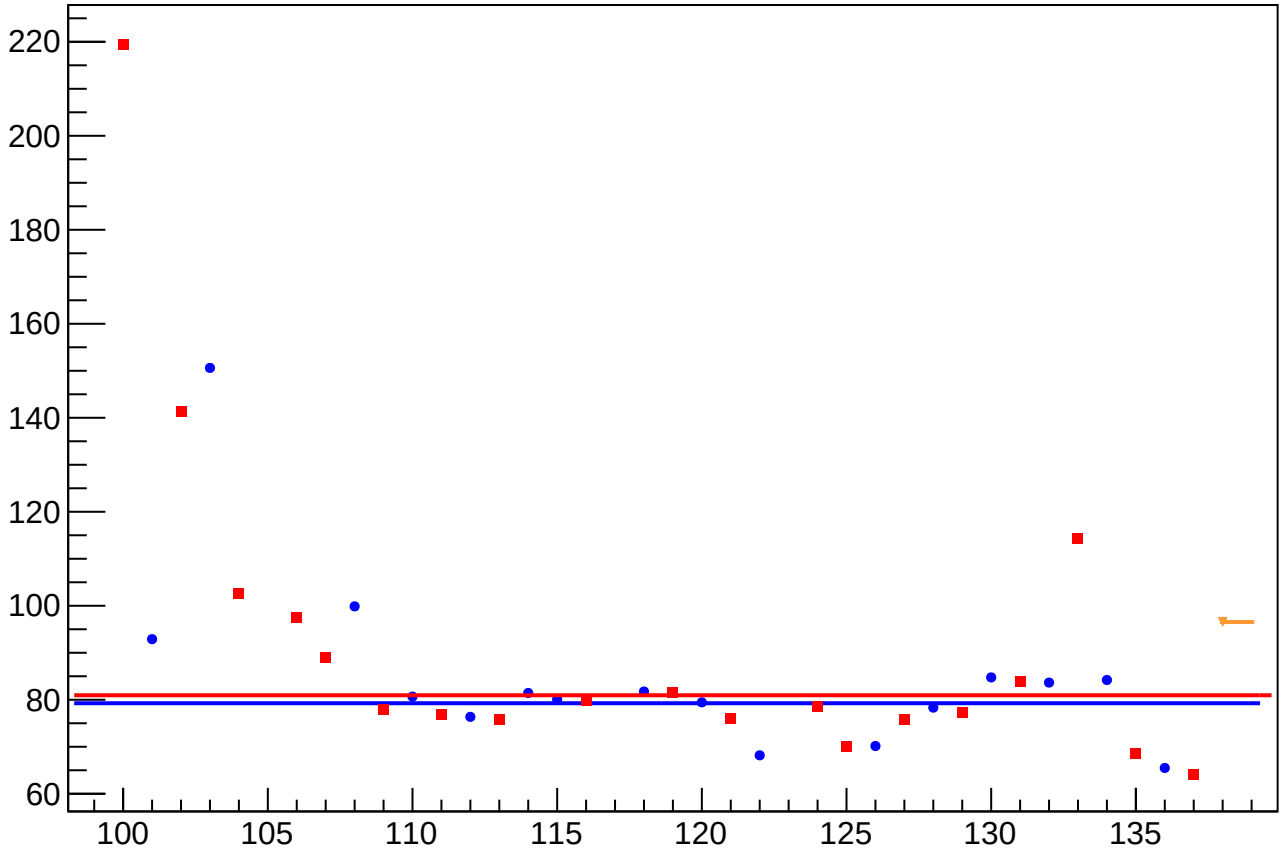
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.390+/-29.275 χ^2/NDF: 21.2/16

All: -6.718+/-21.189 χ^2/NDF: 51.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 79.263+/-0.021 χ^2/NDF: 444951.1/15

Left Out: 96.550+/-0.079 χ^2/NDF:0.0/0

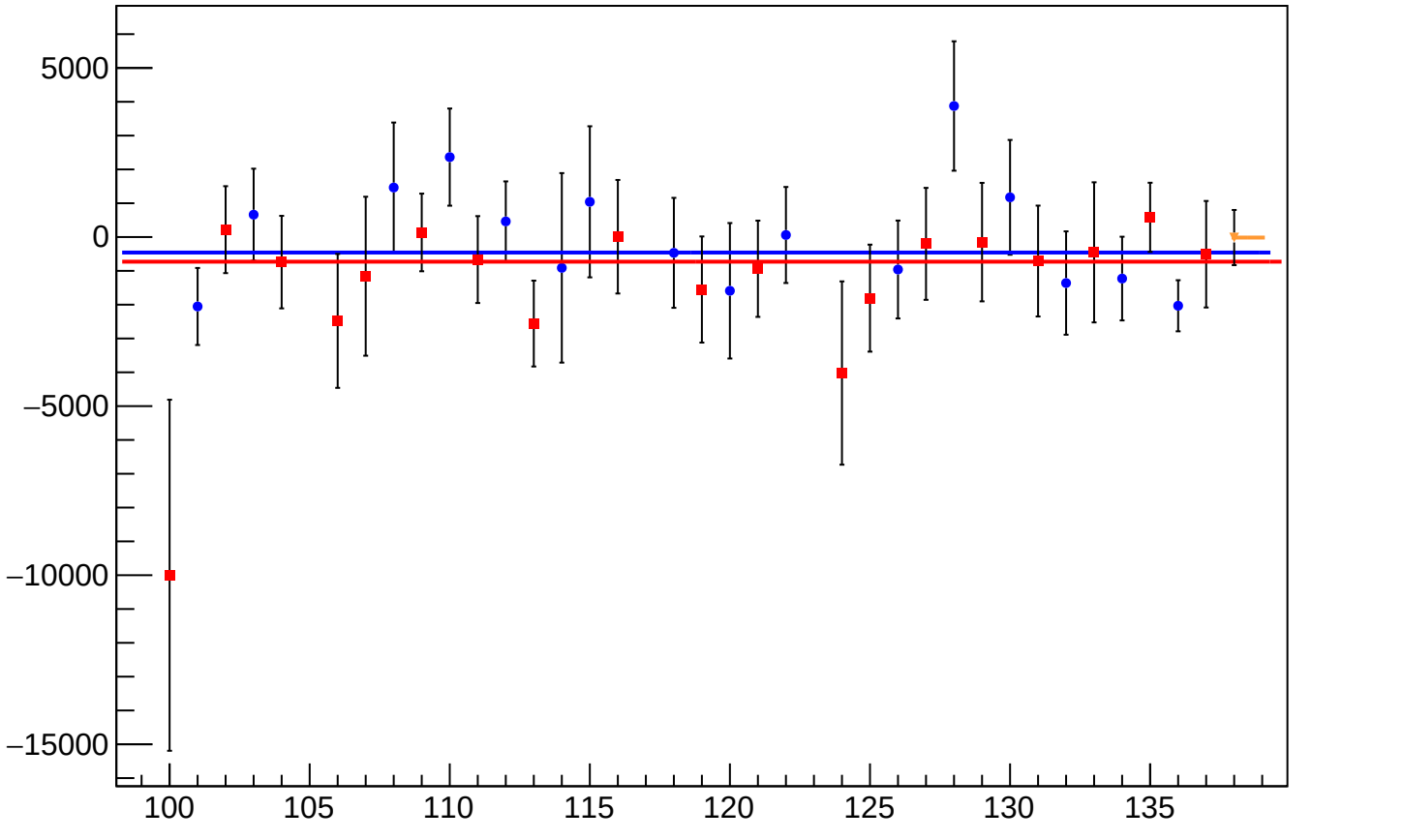
Right Out: 80.958+/-0.022 χ^2/NDF: 514182.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 80.462+/-0.021 χ^2/NDF: 489969.7/16

All: 80.698+/-0.015 χ^2/NDF: 1004425.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -458.108+/-350.075 χ^2/NDF: 20.3/15

Left Out: -15.123+/-815.915 χ^2/NDF:0.0/0

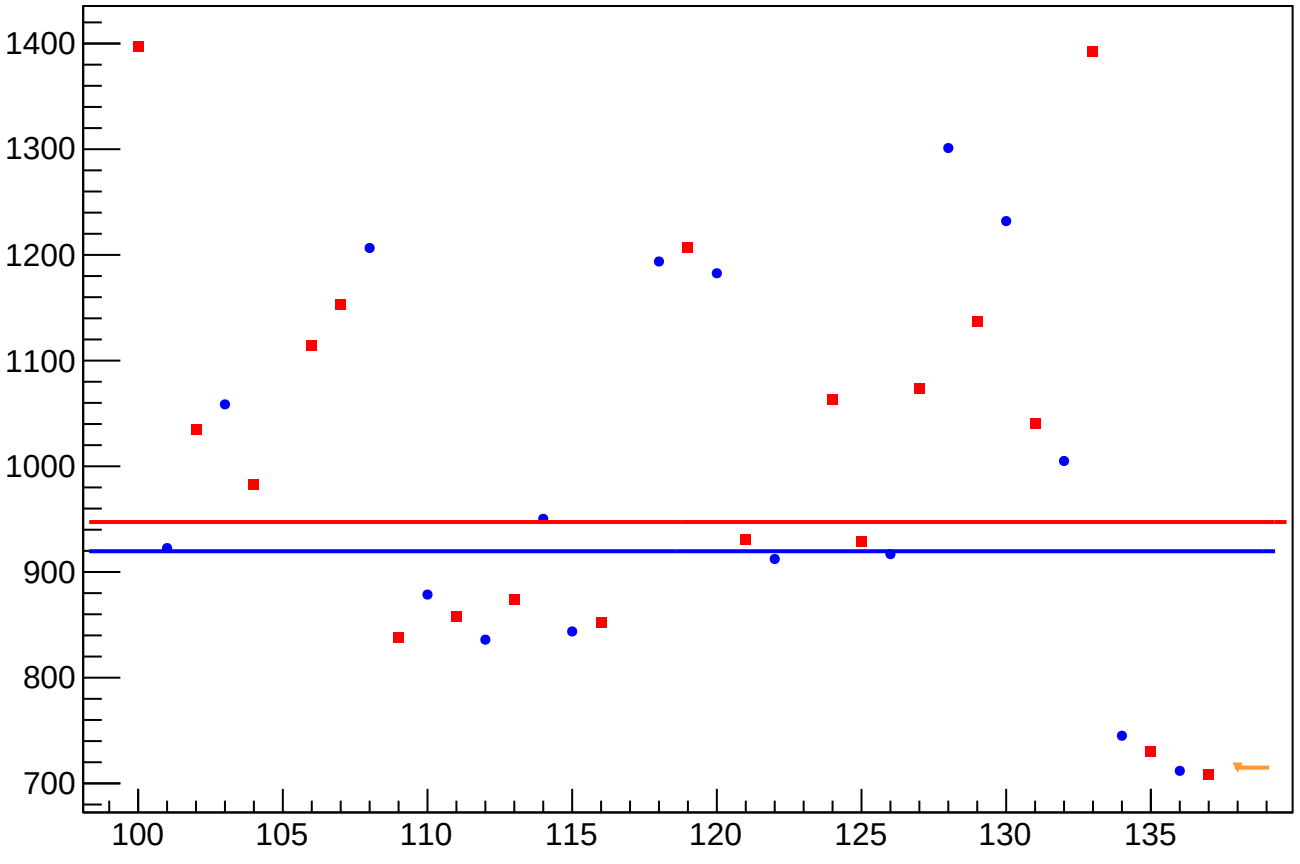
Right Out: -728.750+/-352.574 χ^2/NDF: 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -389.237+/-321.713 χ^2/NDF: 20.5/16

All: -543.487+/-237.648 χ^2/NDF: 32.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 919.638+/-0.248 χ^2/NDF: 515443.8/15

Left Out: 714.892+/-0.577 χ^2/NDF:0.0/0

Right Out: 947.272+/-0.249 χ^2/NDF: 425563.8/18

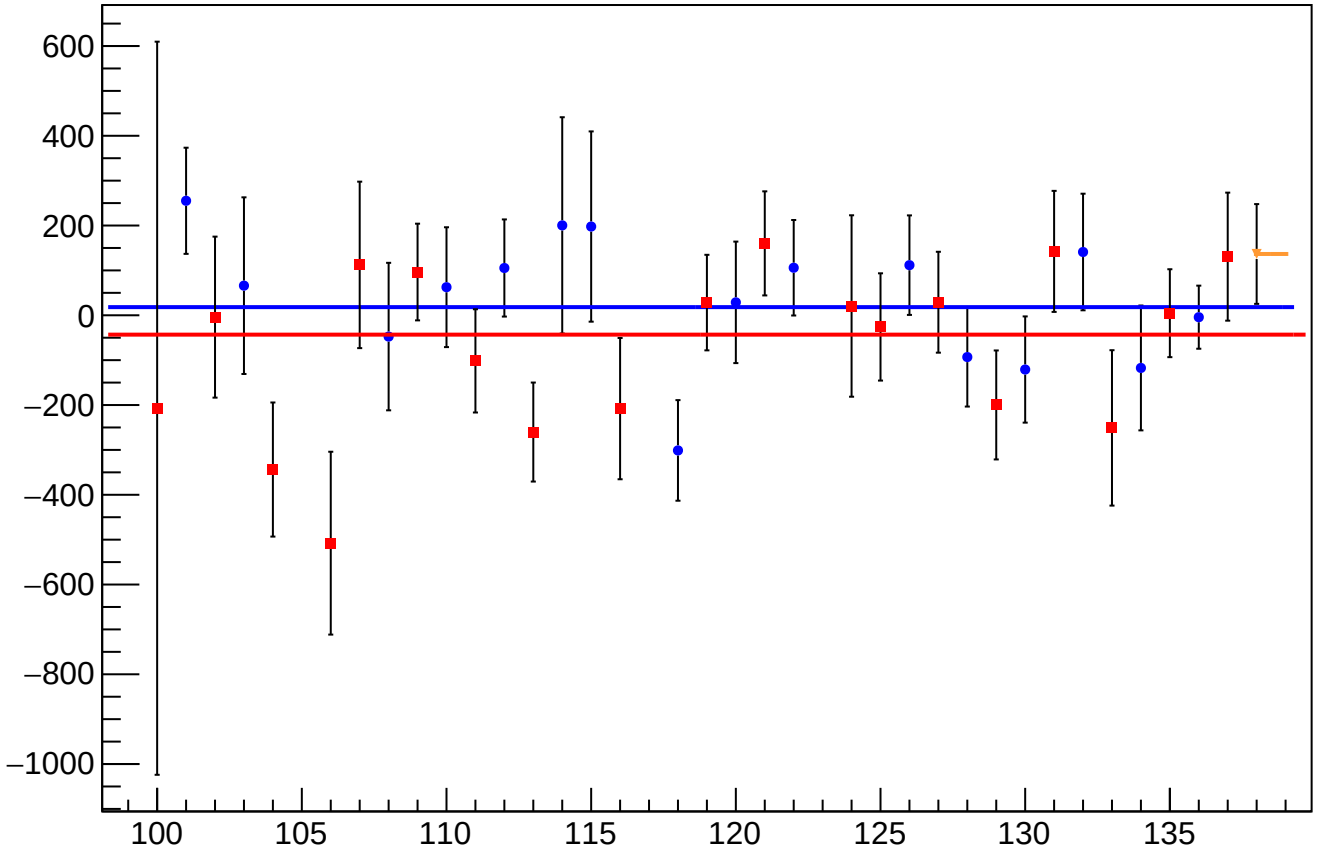
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 887.806+/-0.227 χ^2/NDF: 621806.3/16

All: 914.823+/-0.168 χ^2/NDF: 1078415.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 18.175+/-30.346 χ^2/NDF: 20.1/15

Left Out: 136.612+/-111.158 χ^2/NDF:0.0/0

Right Out: -43.144+/-30.707 χ^2/NDF: 27.7/18

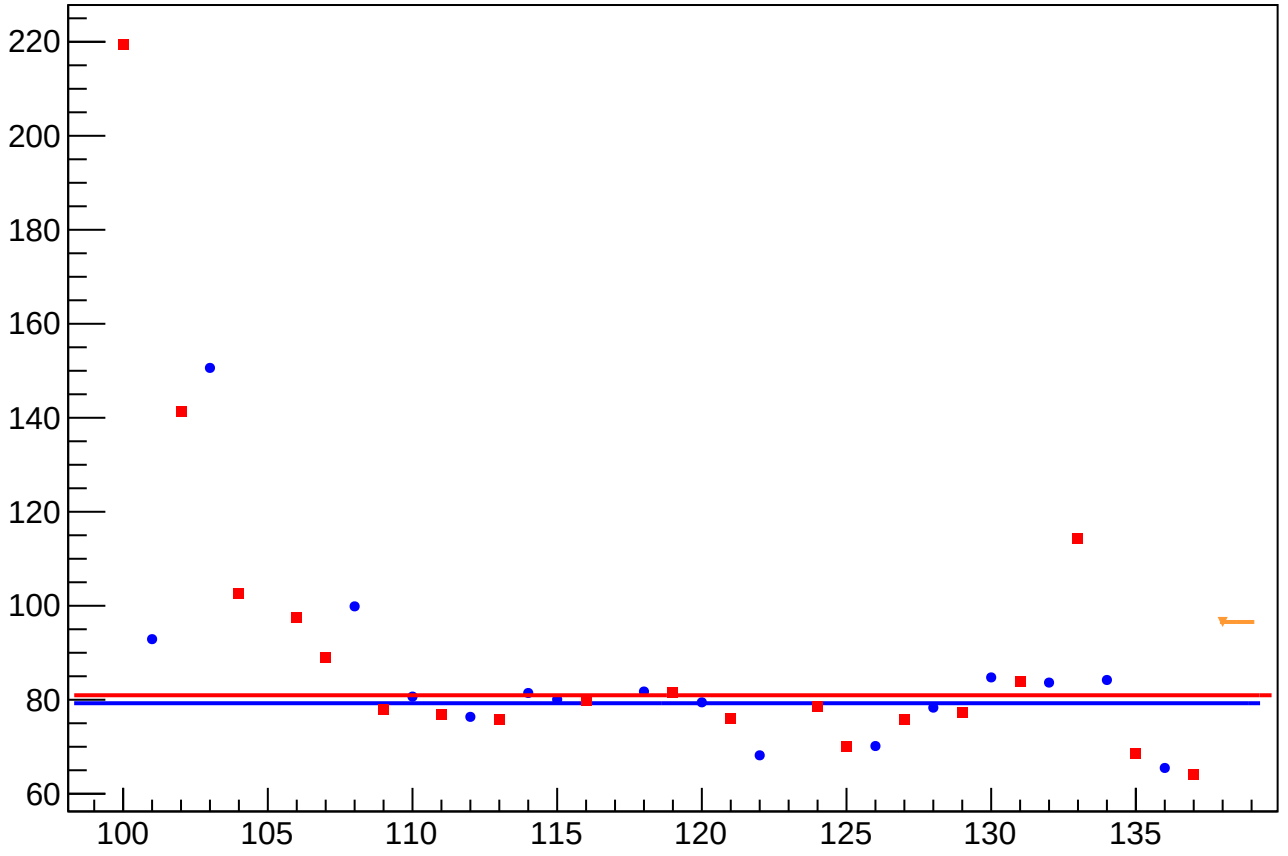
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 26.390+/-29.275 χ^2/NDF: 21.2/16

All: -6.718+/-21.189 χ^2/NDF: 51.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 79.263+/-0.021 χ^2/NDF: 444948.4/15

Left Out: 96.550+/-0.079 χ^2/NDF:0.0/0

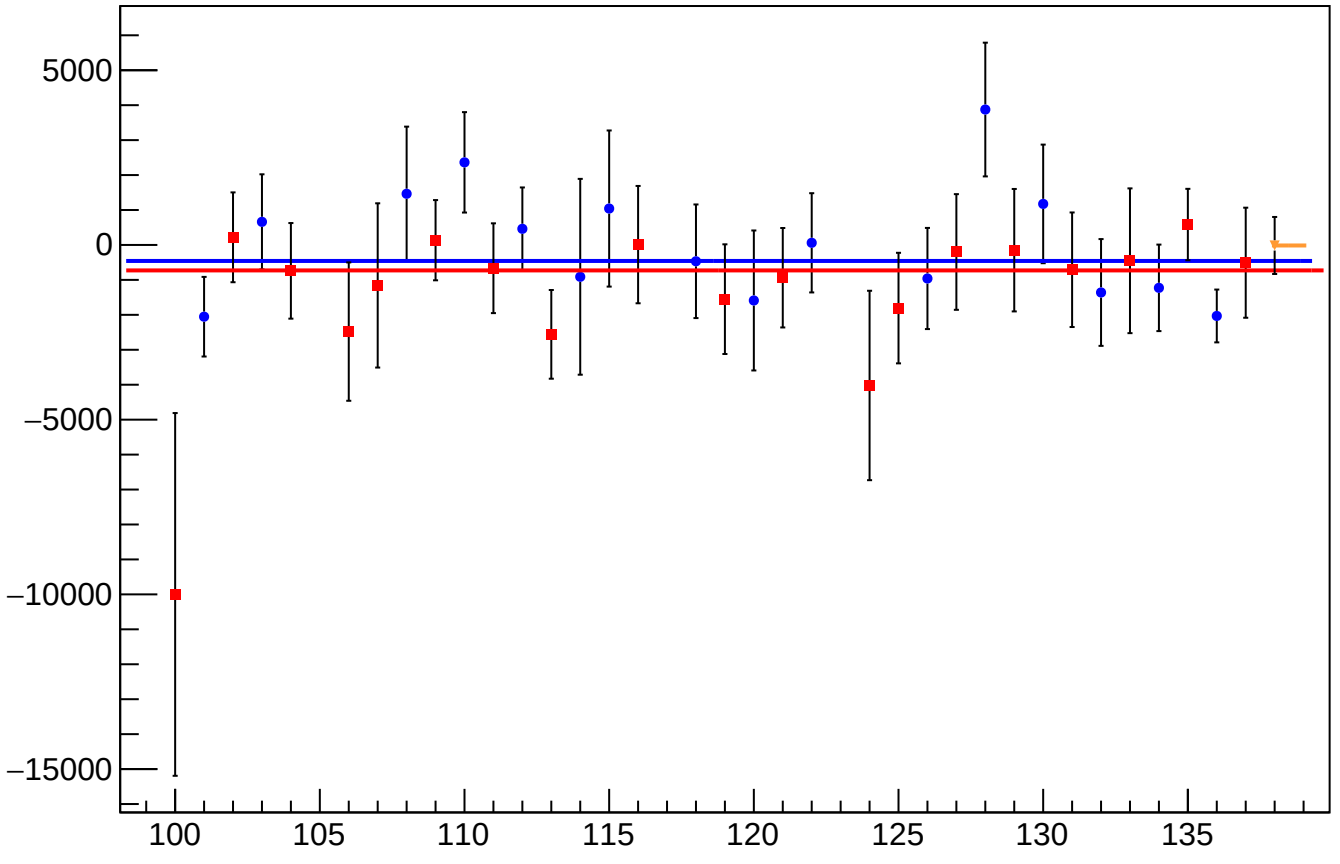
Right Out: 80.958+/-0.022 χ^2/NDF: 514191.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 80.462+/-0.021 χ^2/NDF: 489967.1/16

All: 80.698+/-0.015 χ^2/NDF: 1004431.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -458.104+/-350.074 χ^2/NDF: 20.3/15

Left Out: -15.129+/-815.913 χ^2/NDF:0.0/0

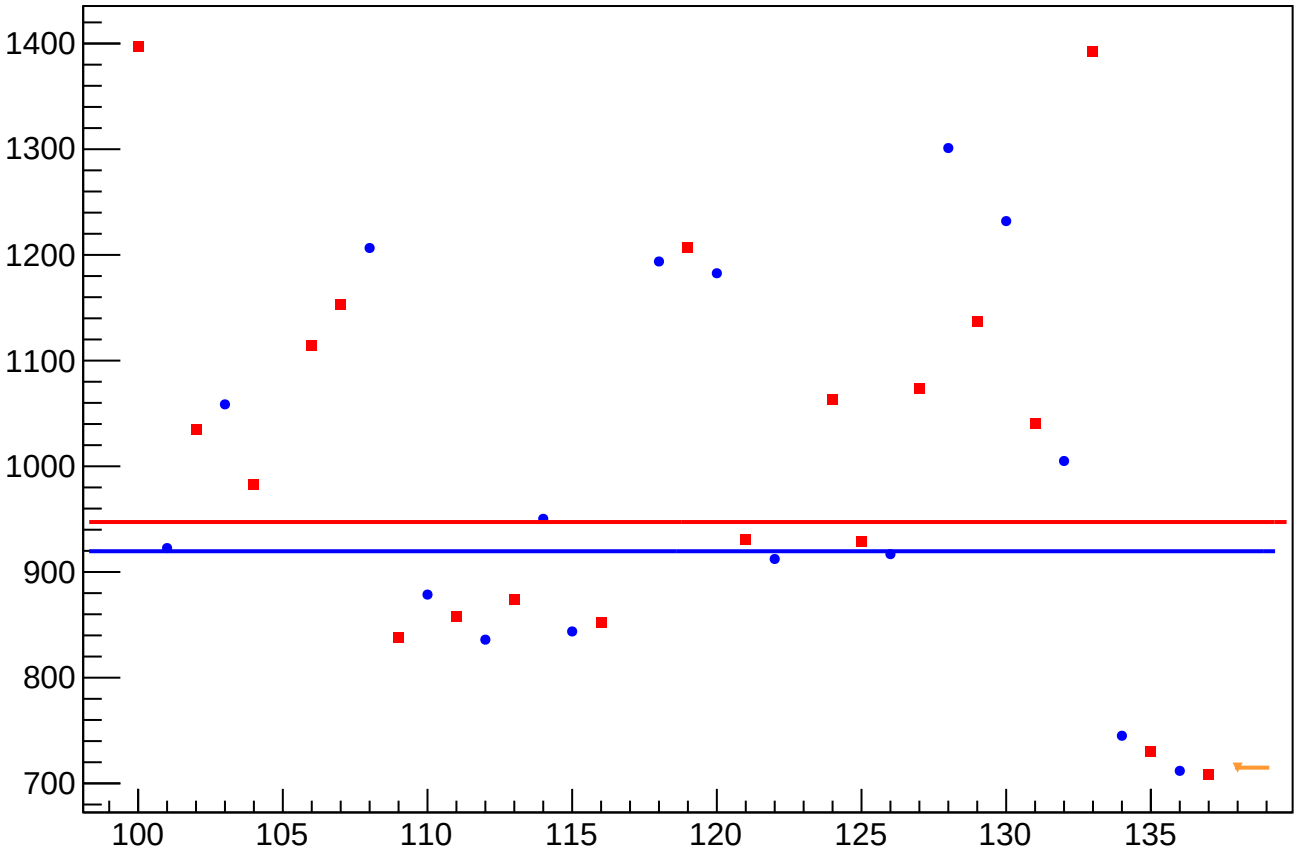
Right Out: -728.749+/-352.573 χ^2/NDF: 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -389.235+/-321.712 χ^2/NDF: 20.5/16

All: -543.485+/-237.648 χ^2/NDF: 32.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 919.636+/-0.248 χ^2/NDF: 515443.9/15

Left Out: 714.890+/-0.577 χ^2/NDF:0.0/0

Right Out: 947.270+/-0.249 χ^2/NDF: 425565.2/18

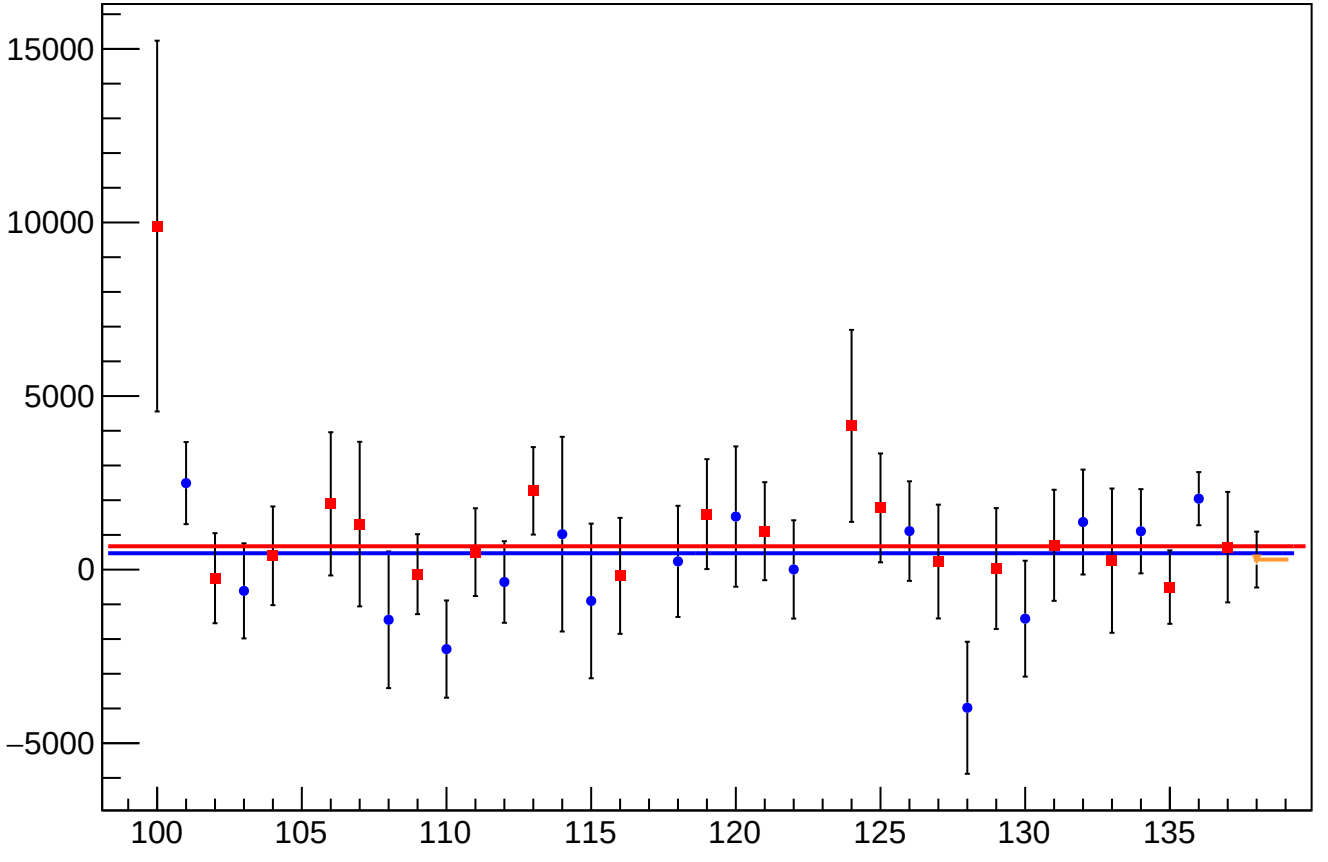
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 887.804+/-0.227 χ^2/NDF: 621806.7/16

All: 914.821+/-0.168 χ^2/NDF: 1078417.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: 472.014+/-350.376 χ^2/NDF: 21.5/15

Left Out: 289.642+/-804.660 χ^2/NDF:0.0/0

Right Out: 672.537+/-354.512 χ^2/NDF: 10.3/18

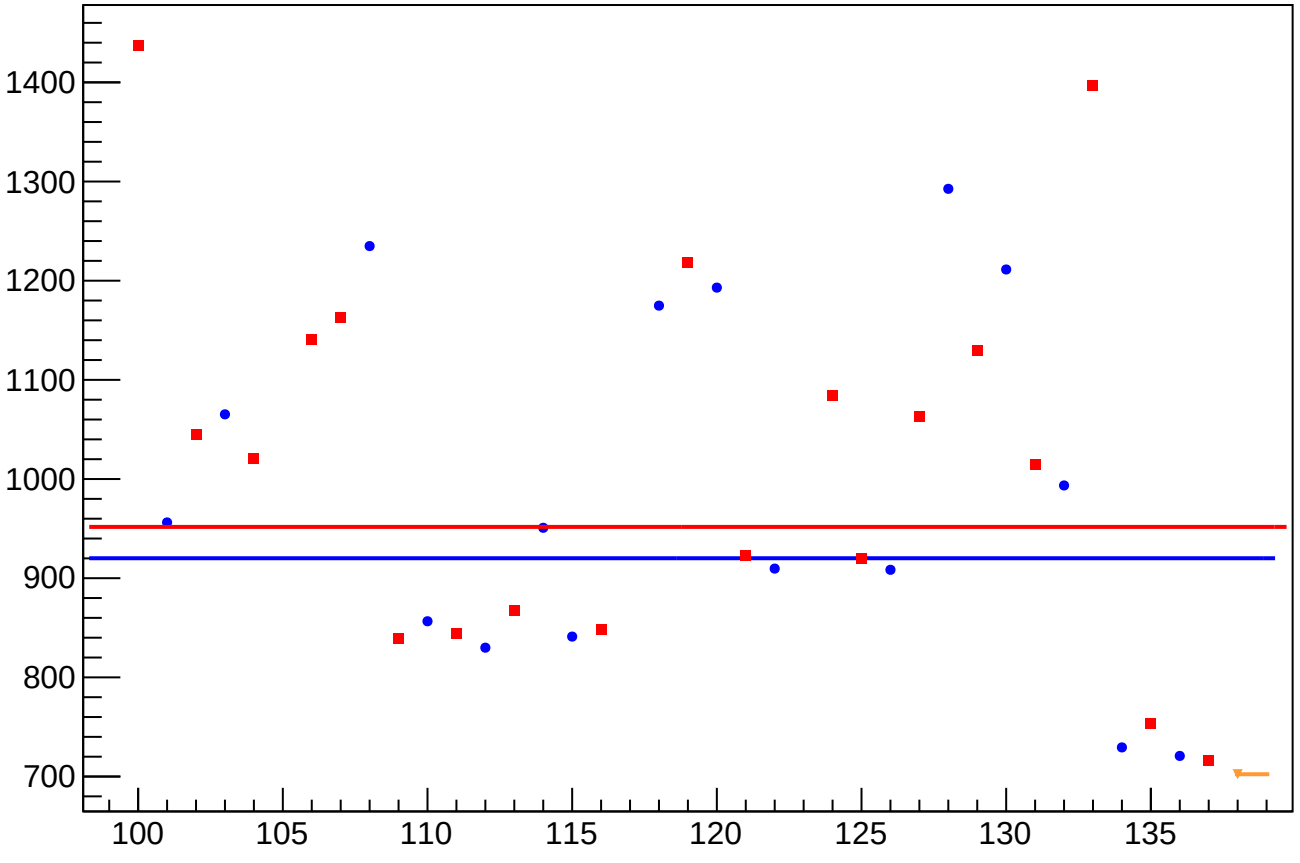
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 442.947+/-321.243 χ^2/NDF: 21.5/16

All: 546.466+/-238.048 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 920.125+/-0.248 χ^2/NDF: 508678.6/15

Left Out: 702.316+/-0.569 χ^2/NDF:0.0/0

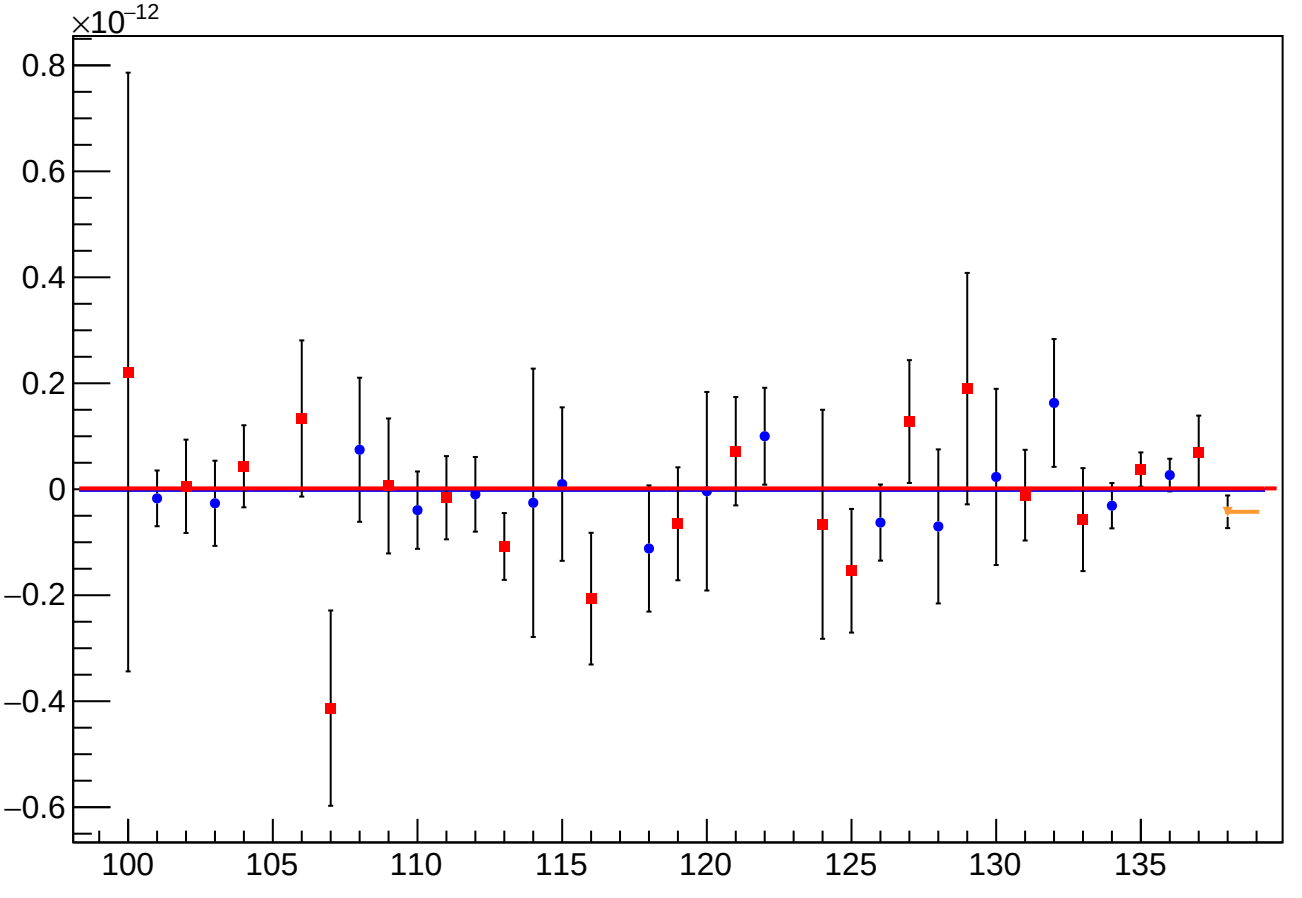
Right Out: 951.726+/-0.251 χ^2/NDF: 416116.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 885.410+/-0.227 χ^2/NDF: 631863.4/16

All: 915.311+/-0.168 χ^2/NDF: 1086409.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.000+/-0.000 χ^2/NDF: 7.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

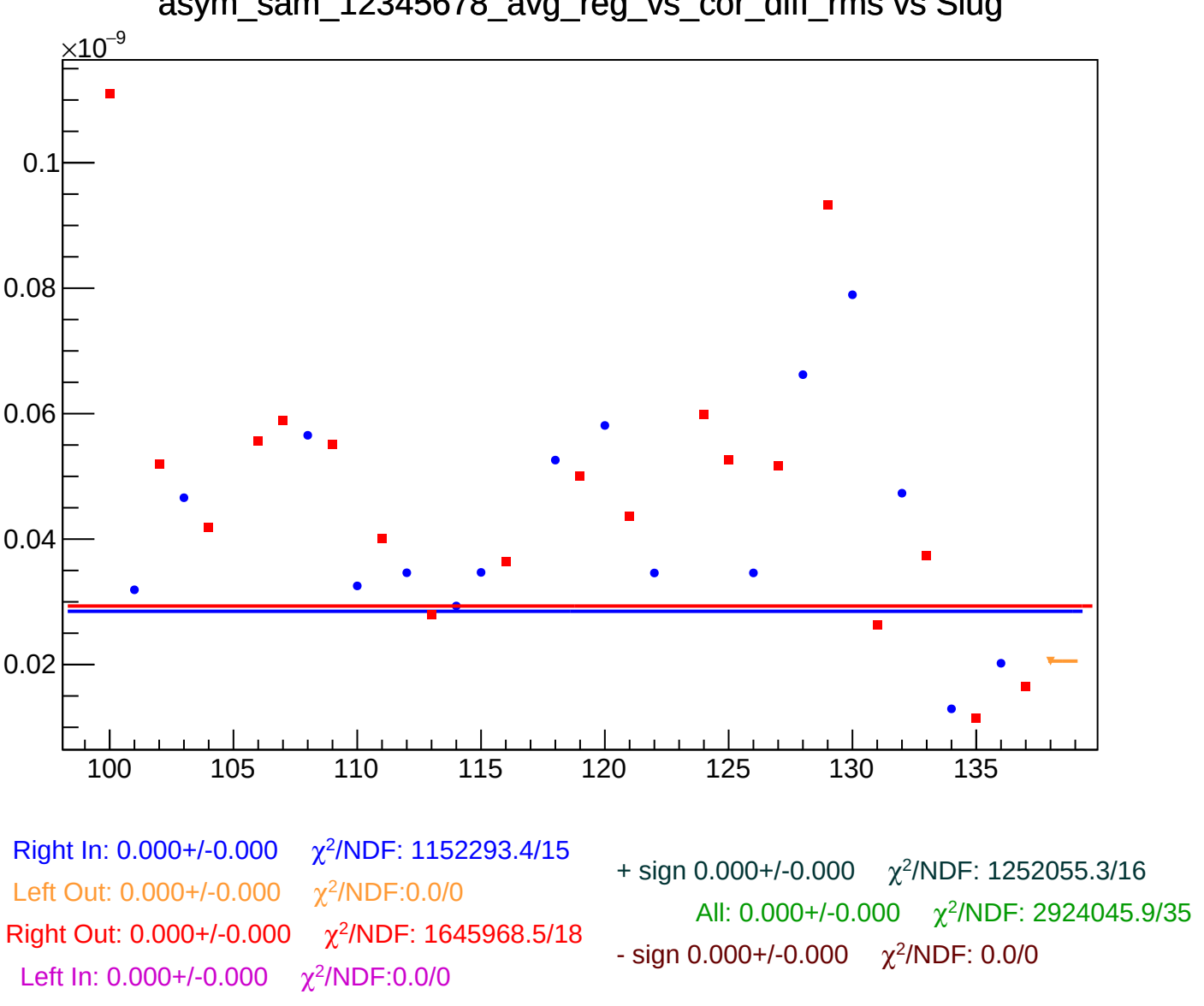
Right Out: 0.000+/-0.000 χ^2/NDF: 19.4/18

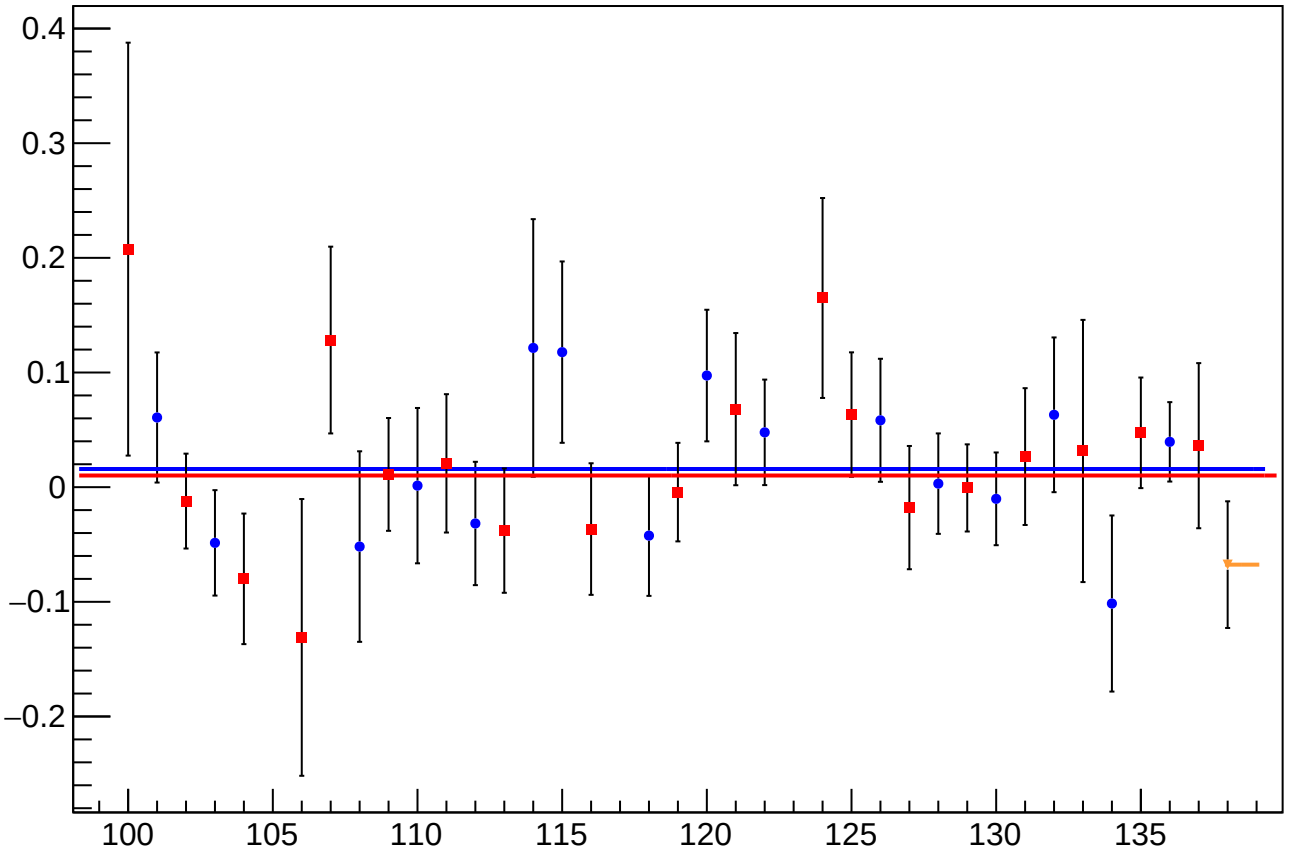
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.000+/-0.000 χ^2/NDF: 8.4/16

All: -0.000+/-0.000 χ^2/NDF: 28.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.1
0.08
0.06
0.04
0.02
100
105
110
115
120
125
130
135
Right In: 0.000+/-0.000 χ²/NDF: 1152293.4/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 1645968.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 1252055.3/16
All: 0.000+/-0.000 χ²/NDF: 2924045.9/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 0.016+/-0.013 χ^2/NDF: 14.8/15

Left Out: -0.068+/-0.055 χ^2/NDF:0.0/0

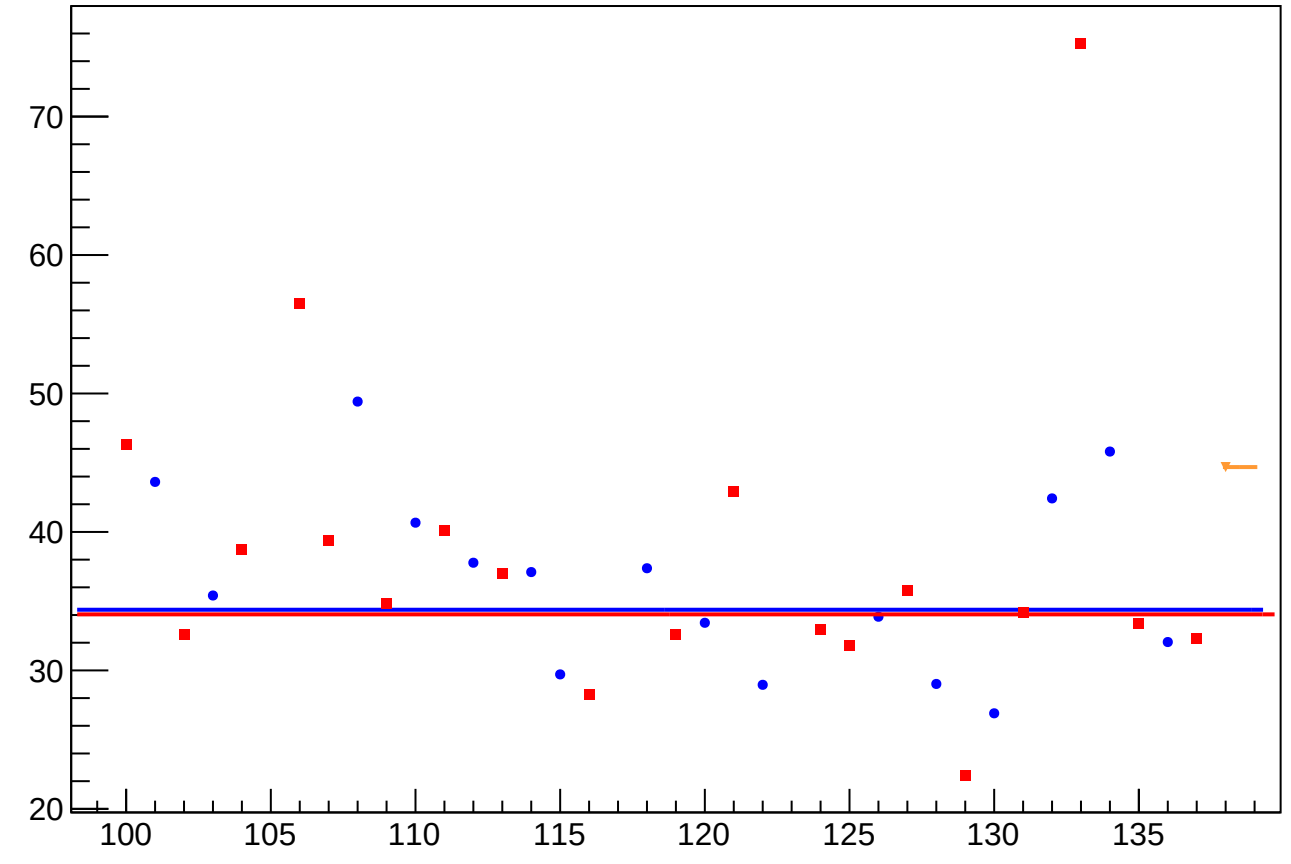
Right Out: 0.010+/-0.013 χ^2/NDF: 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.013 χ^2/NDF: 16.9/16

All: 0.011+/-0.009 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.382+/-0.009 χ^2/NDF: 367883.0/15

Left Out: 44.685+/-0.039 χ^2/NDF:0.0/0

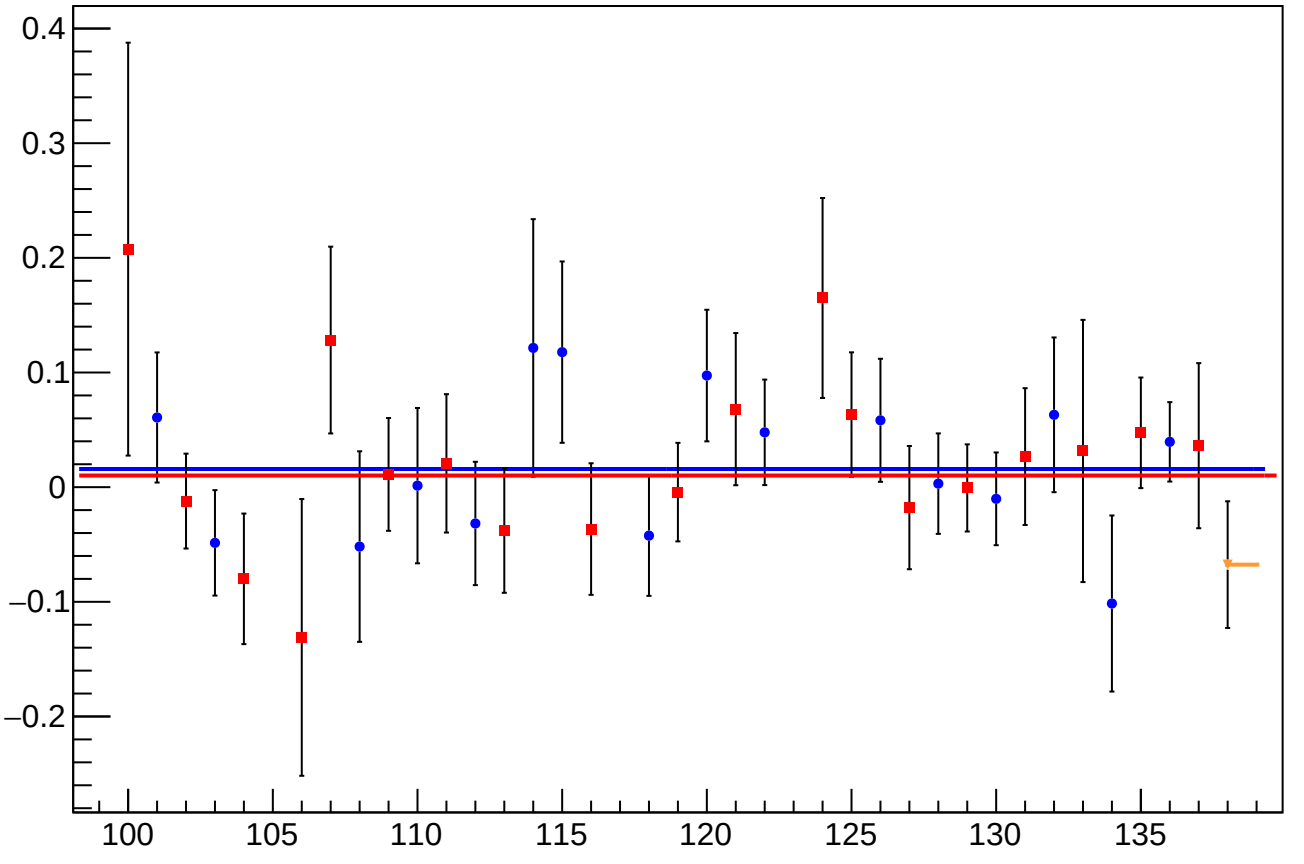
Right Out: 34.047+/-0.009 χ^2/NDF: 642697.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.954+/-0.009 χ^2/NDF: 433596.8/16

All: 34.507+/-0.007 χ^2/NDF: 1081074.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.016+/-0.013 χ^2/NDF: 14.8/15

Left Out: -0.068+/-0.055 χ^2/NDF:0.0/0

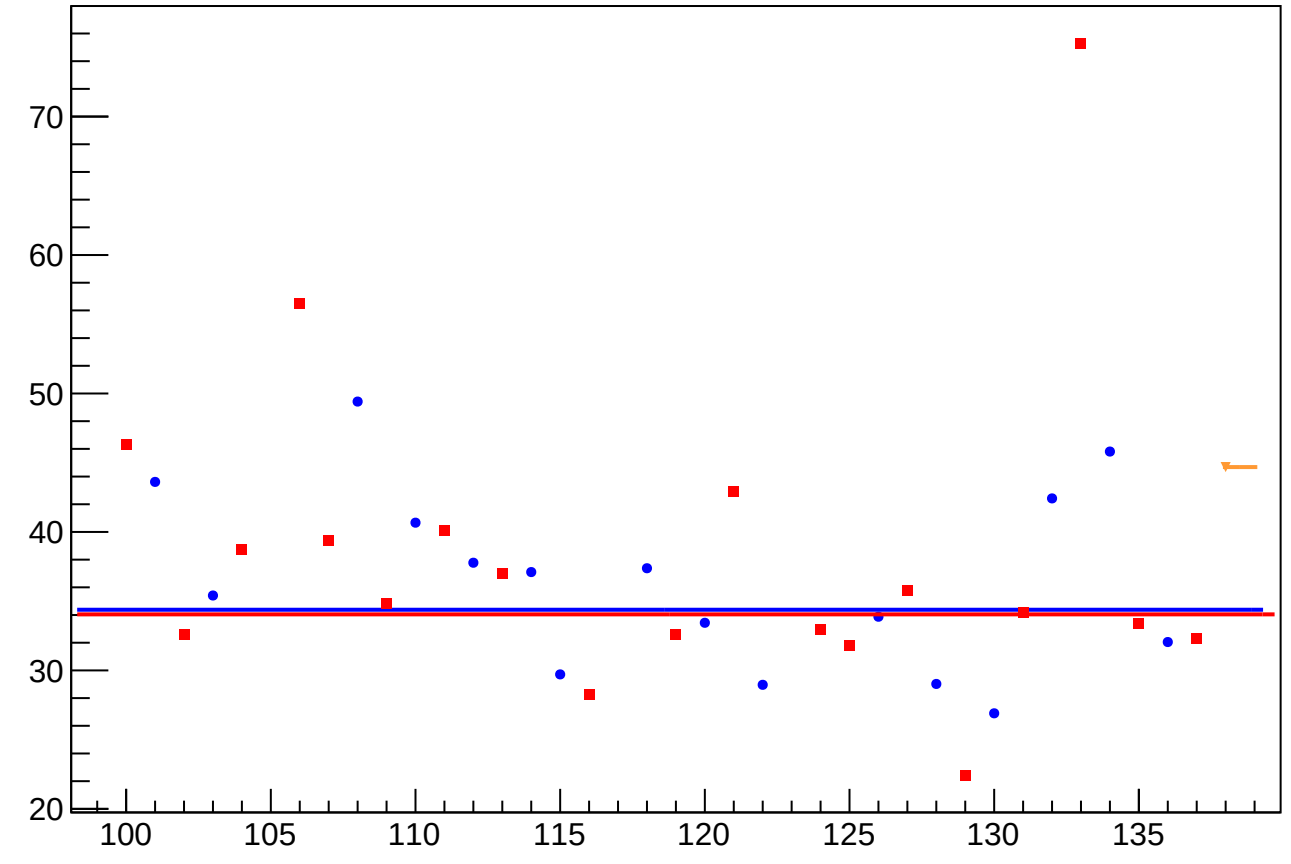
Right Out: 0.010+/-0.013 χ^2/NDF: 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.013 χ^2/NDF: 16.9/16

All: 0.011+/-0.009 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.382+/-0.009 χ^2/NDF: 367883.0/15

Left Out: 44.685+/-0.039 χ^2/NDF:0.0/0

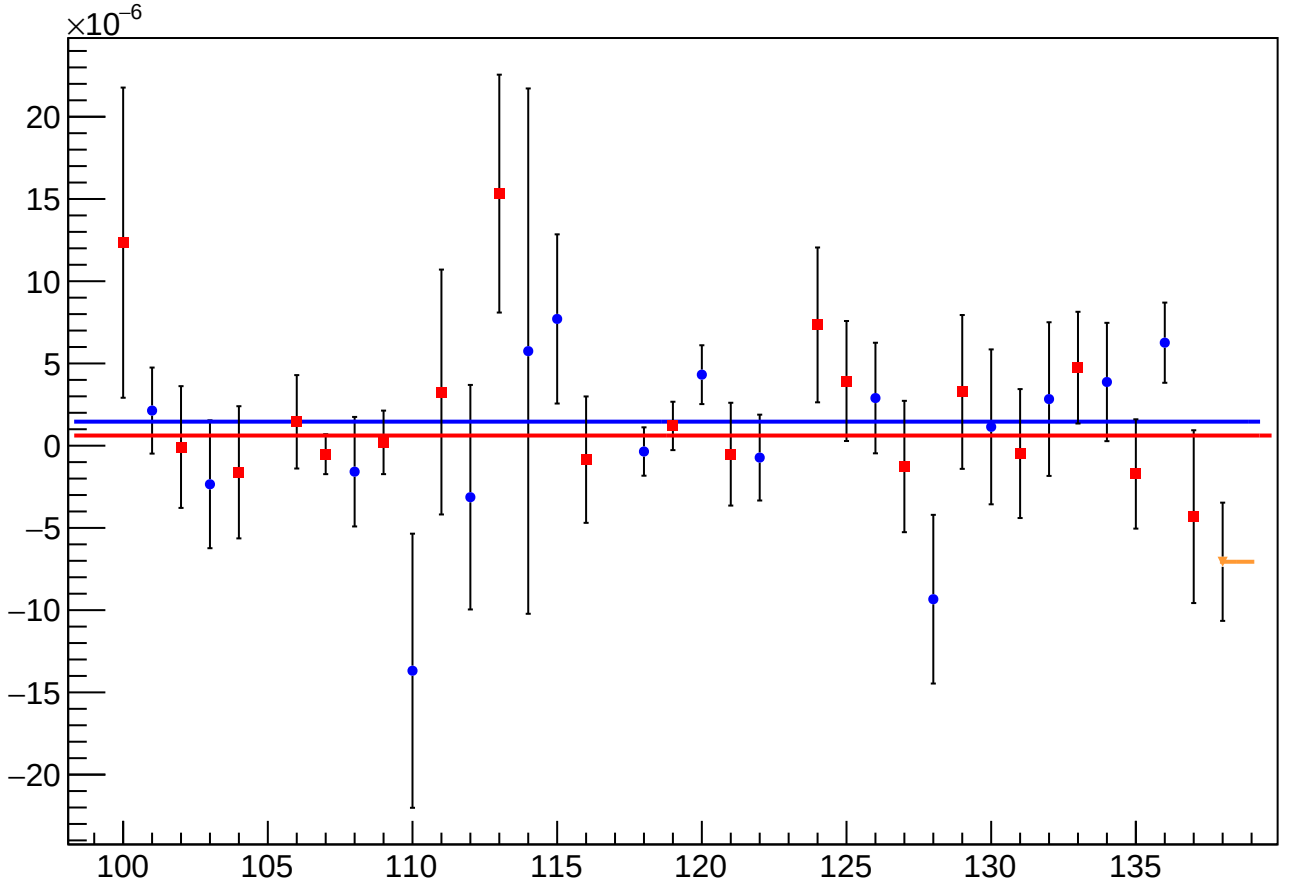
Right Out: 34.047+/-0.009 χ^2/NDF: 642697.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 34.954+/-0.009 χ^2/NDF: 433596.8/16

All: 34.507+/-0.007 χ^2/NDF: 1081074.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 21.0/15

Left Out: -0.000+/-0.000 χ^2/NDF:0.0/0

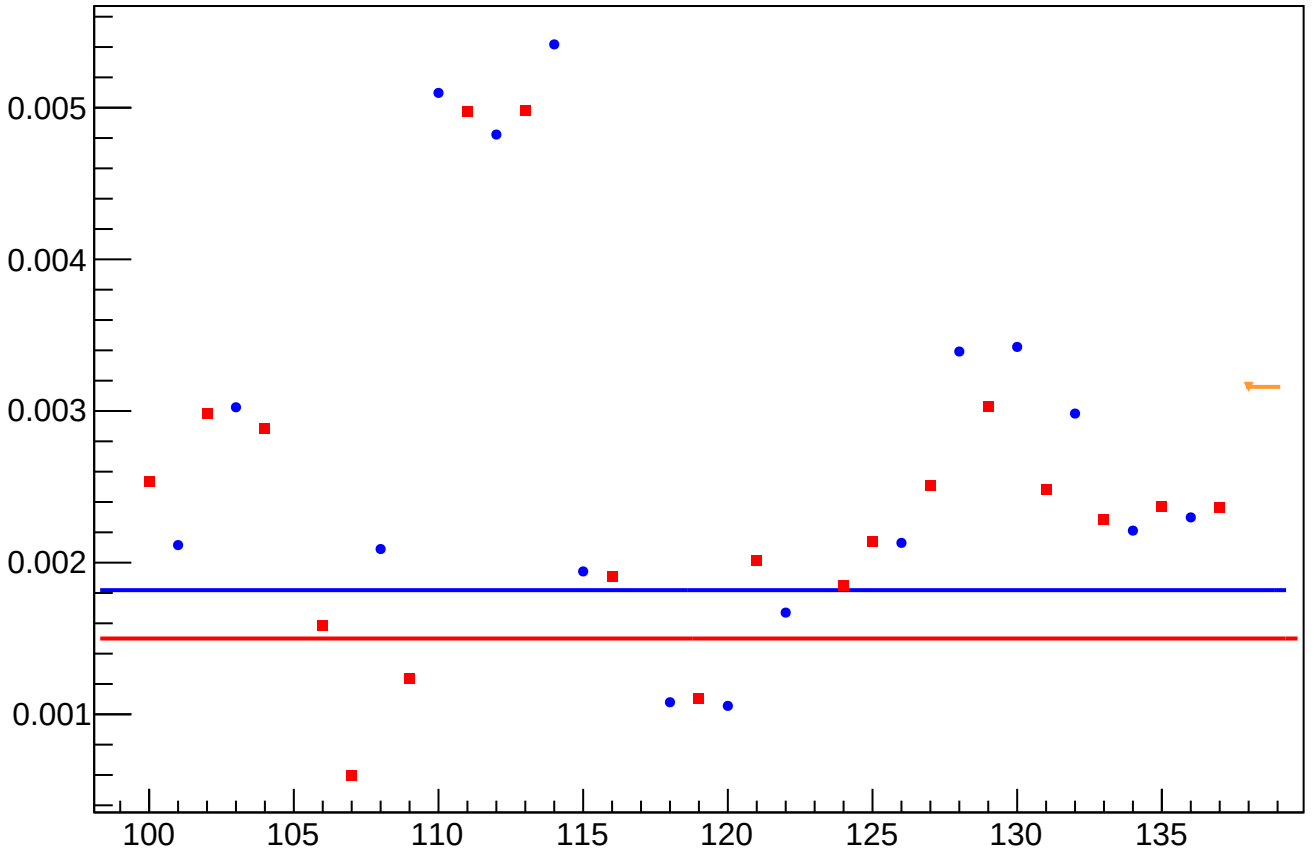
Right Out: 0.000+/-0.000 χ^2/NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 26.4/16

All: 0.000+/-0.000 χ^2/NDF: 40.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.002+/-0.000 χ^2/NDF: 2570250.6/15

Left Out: 0.003+/-0.000 χ^2/NDF:0.0/0

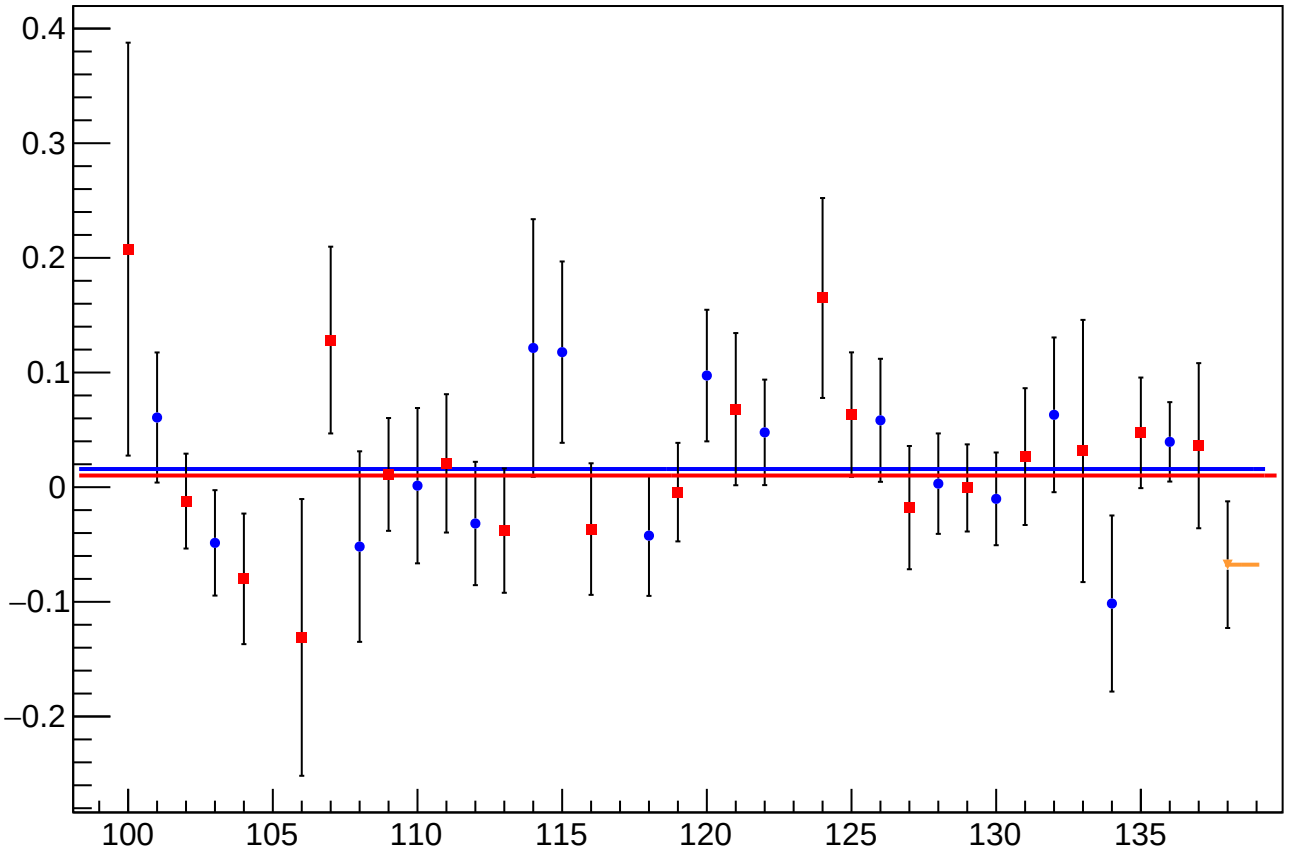
Right Out: 0.001+/-0.000 χ^2/NDF: 3689451.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.002+/-0.000 χ^2/NDF: 2836724.0/16

All: 0.002+/-0.000 χ^2/NDF: 6819292.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.016+/-0.013 χ^2/NDF: 14.8/15

Left Out: -0.068+/-0.055 χ^2/NDF:0.0/0

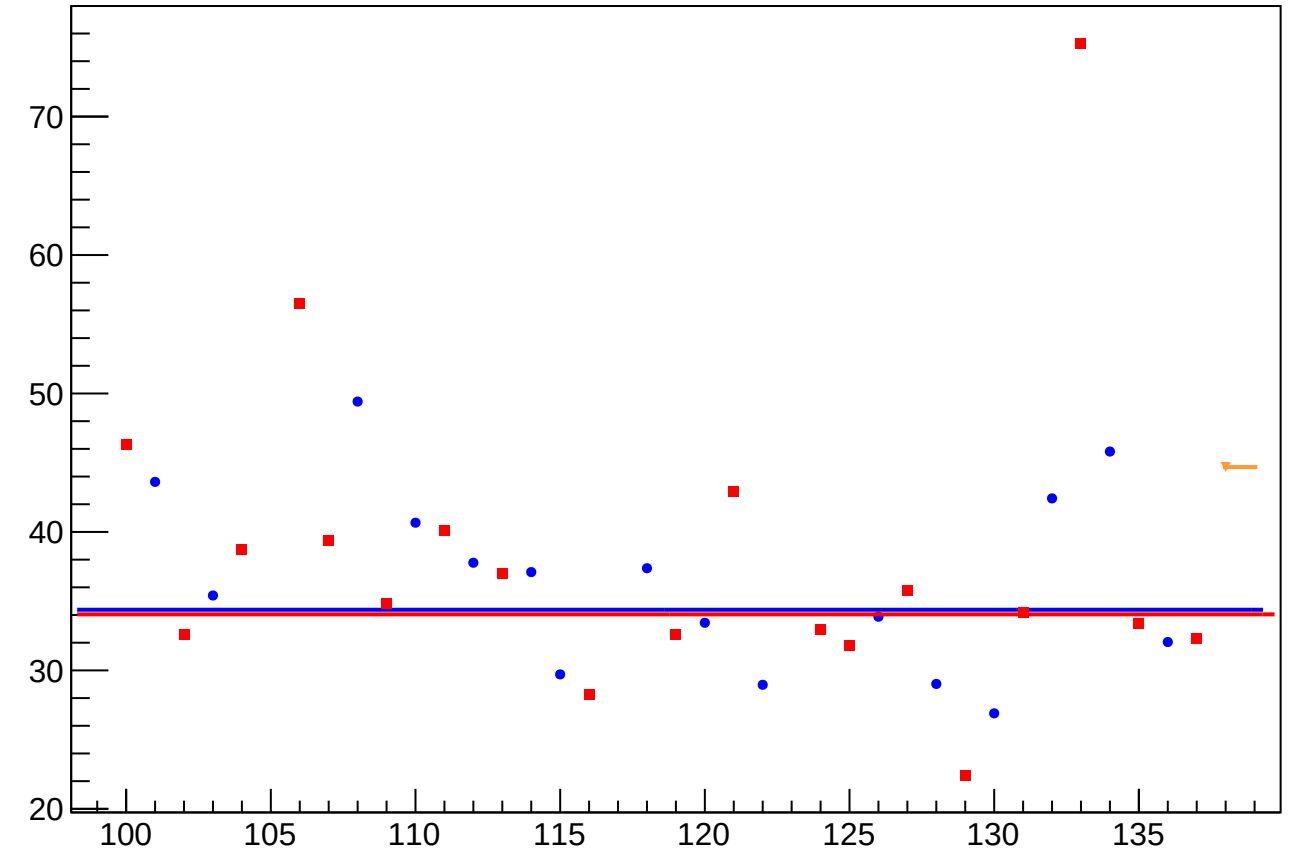
Right Out: 0.010+/-0.013 χ^2/NDF: 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.013 χ^2/NDF: 16.9/16

All: 0.011+/-0.009 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.381+/-0.009 χ^2/NDF: 367940.1/15

Left Out: 44.685+/-0.039 χ^2/NDF:0.0/0

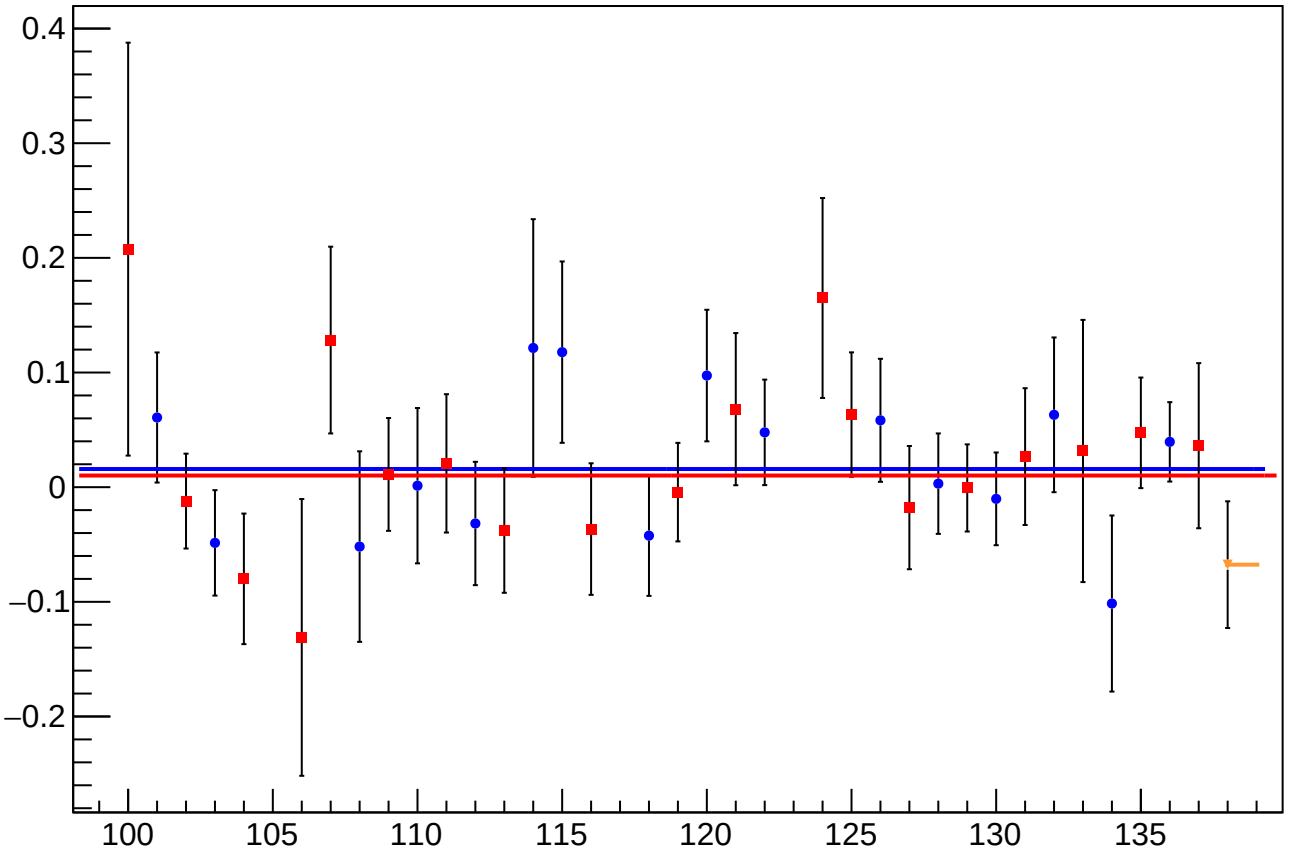
Right Out: 34.047+/-0.009 χ^2/NDF: 642741.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.953+/-0.009 χ^2/NDF: 433659.7/16

All: 34.507+/-0.007 χ^2/NDF: 1081179.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.016+/-0.013 χ^2/NDF: 14.8/15

Left Out: -0.068+/-0.055 χ^2/NDF:0.0/0

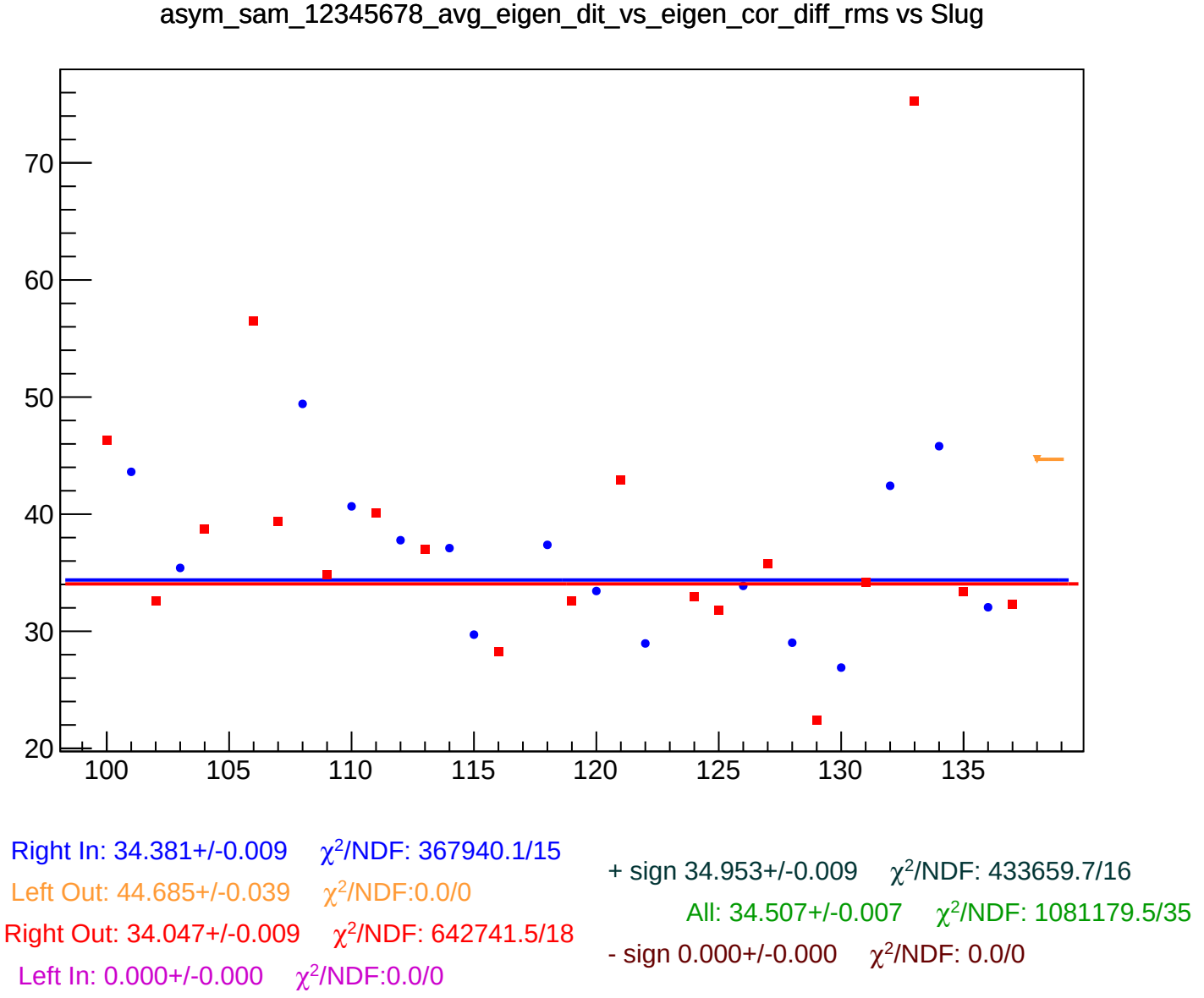
Right Out: 0.010+/-0.013 χ^2/NDF: 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.011+/-0.013 χ^2/NDF: 16.9/16

All: 0.011+/-0.009 χ^2/NDF: 32.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug
70
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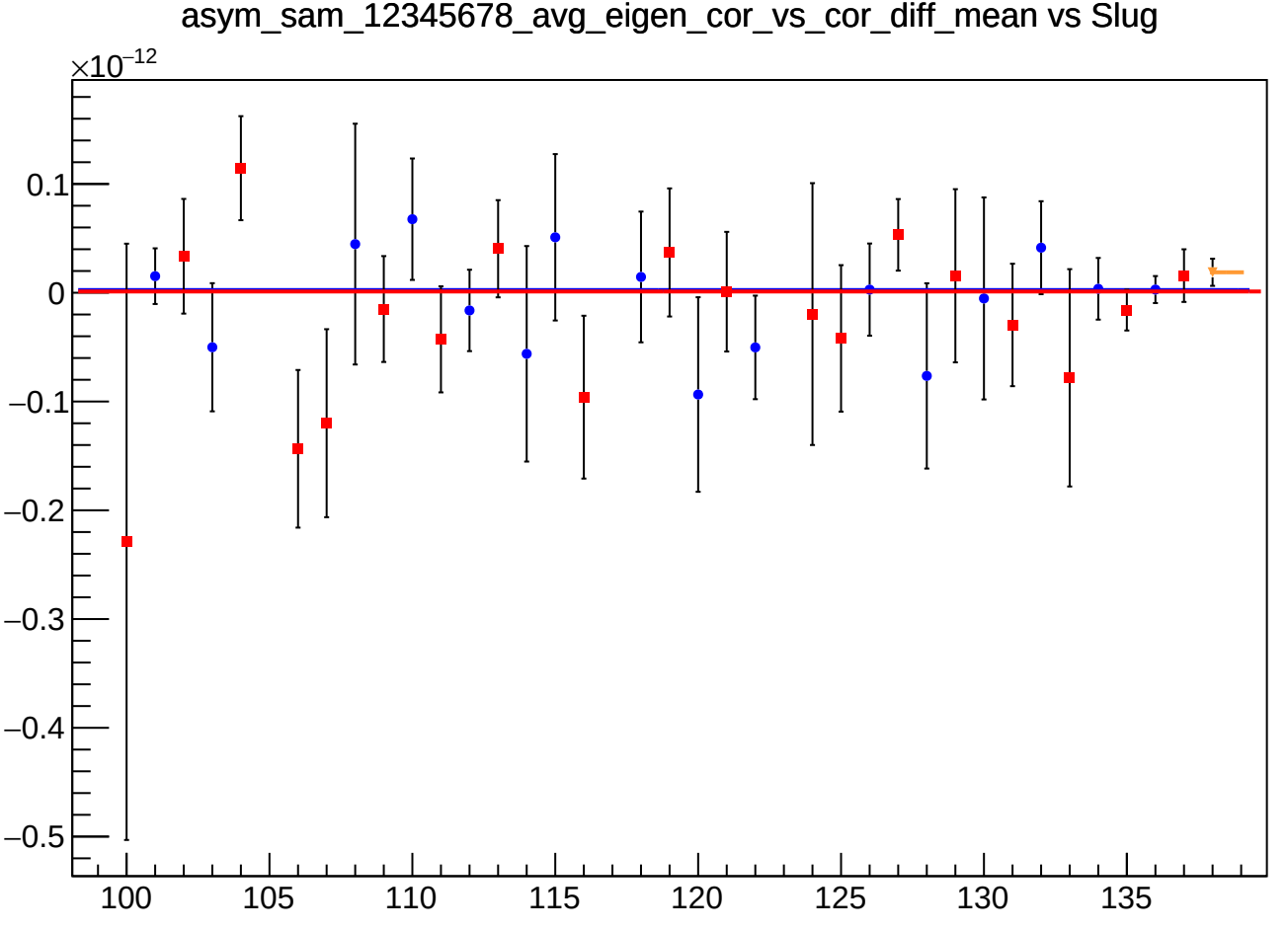
135
Right In: 34.381+/-0.009 χ2/NDF: 367940.1/15
Left Out: 44.685+/-0.039 χ2/NDF:0.0/0
Right Out: 34.047+/-0.009 χ2/NDF: 642741.5/18
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
+ sign 34.953+/-0.009 χ2/NDF: 433659.7/16
All: 34.507+/-0.007 χ2/NDF: 1081179.5/35
- sign 0.000+/-0.000 χ2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 7.7/15

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

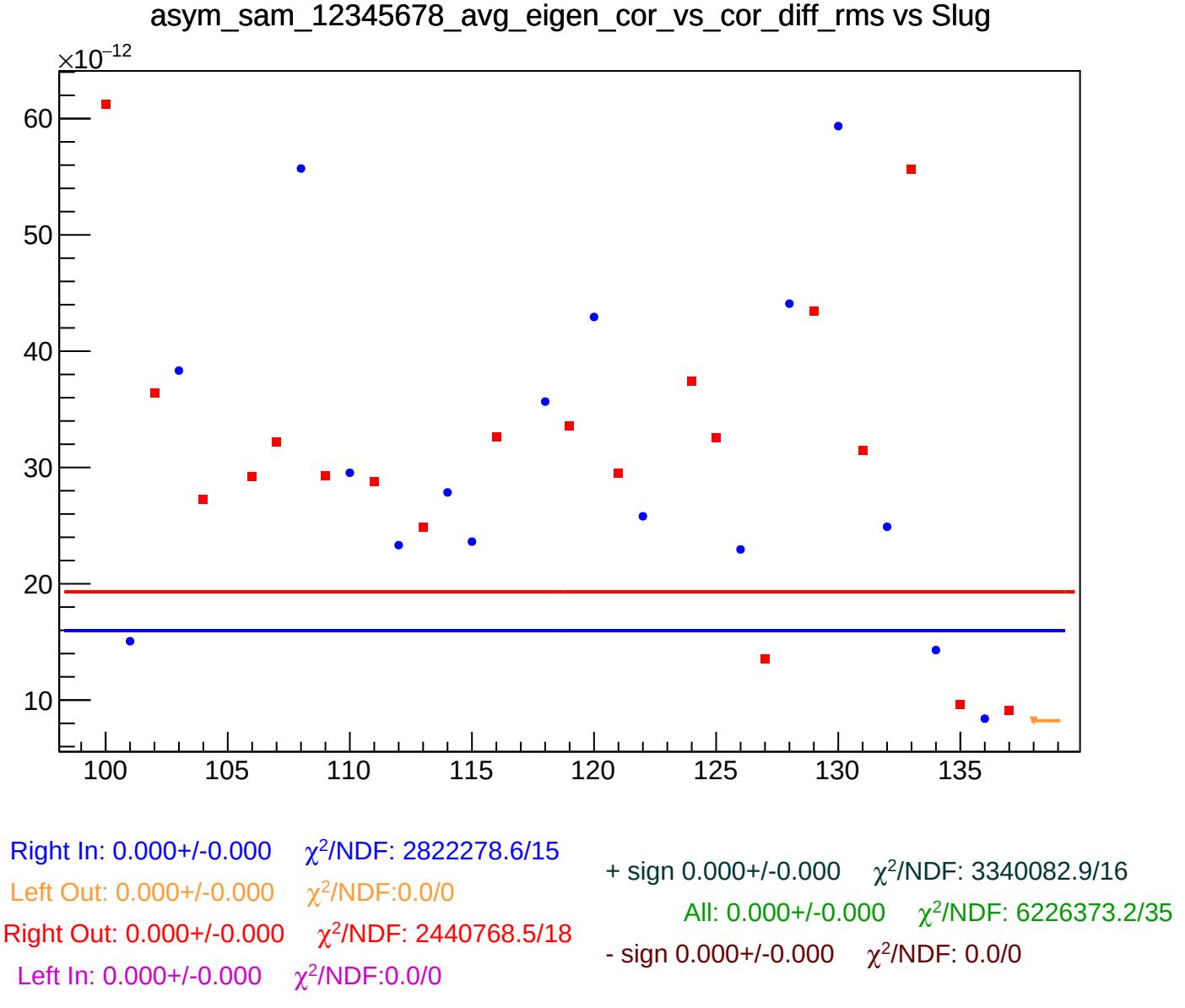
Right Out: 0.000+/-0.000 χ^2/NDF: 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 8.8/16

All: 0.000+/-0.000 χ^2/NDF: 30.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10^−12
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130
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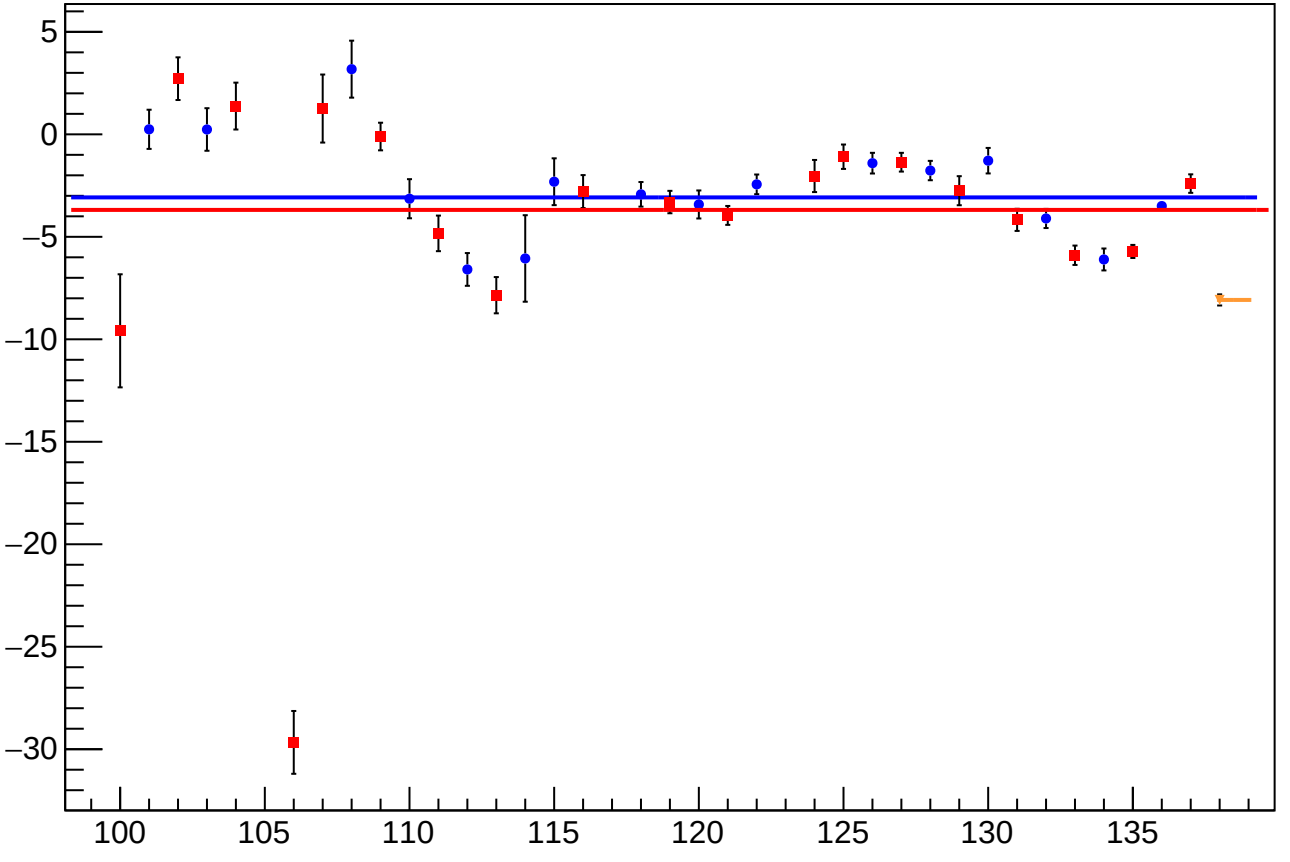
Right In: 0.000+/-0.000 χ²/NDF: 2822278.6/15
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 2440768.5/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 3340082.9/16
All: 0.000+/-0.000 χ²/NDF: 6226373.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -3.077+/-0.135 χ^2/NDF: 133.8/15

Left Out: -8.079+/-0.272 χ^2/NDF:0.0/0

Right Out: -3.687+/-0.140 χ^2/NDF: 534.8/18

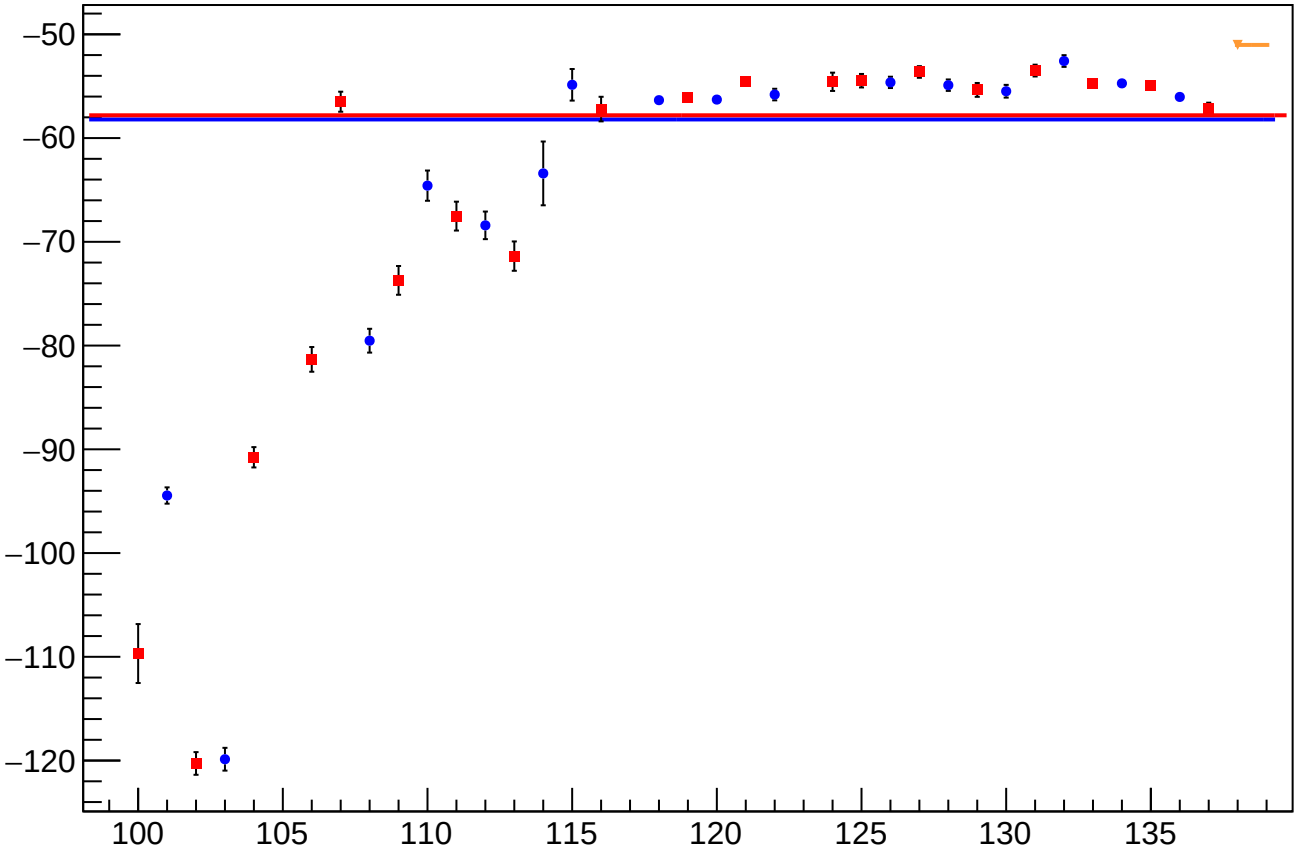
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.070+/-0.121 χ^2/NDF: 405.5/16

All: -3.906+/-0.092 χ^2/NDF: 944.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.204+/-0.136 χ^2/NDF: 6126.9/15

Left Out: -51.021+/-0.313 χ^2/NDF:0.0/0

Right Out: -57.804+/-0.138 χ^2/NDF: 5792.7/18

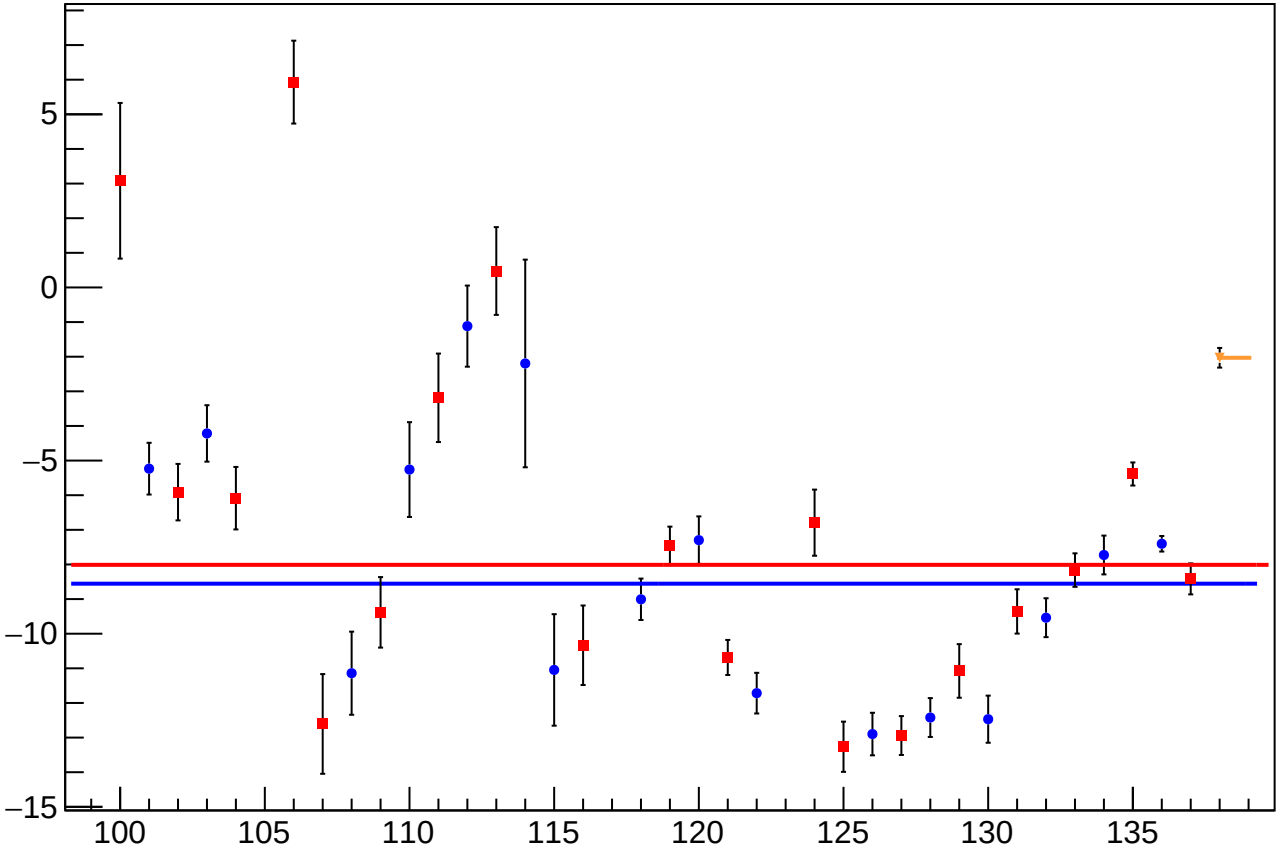
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -57.070+/-0.124 χ^2/NDF: 6570.2/16

All: -57.398+/-0.093 χ^2/NDF: 12378.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -8.555+/-0.145 χ^2/NDF: 300.7/15

Left Out: -2.031+/-0.284 χ^2/NDF:0.0/0

Right Out: -8.011+/-0.153 χ^2/NDF: 489.3/18

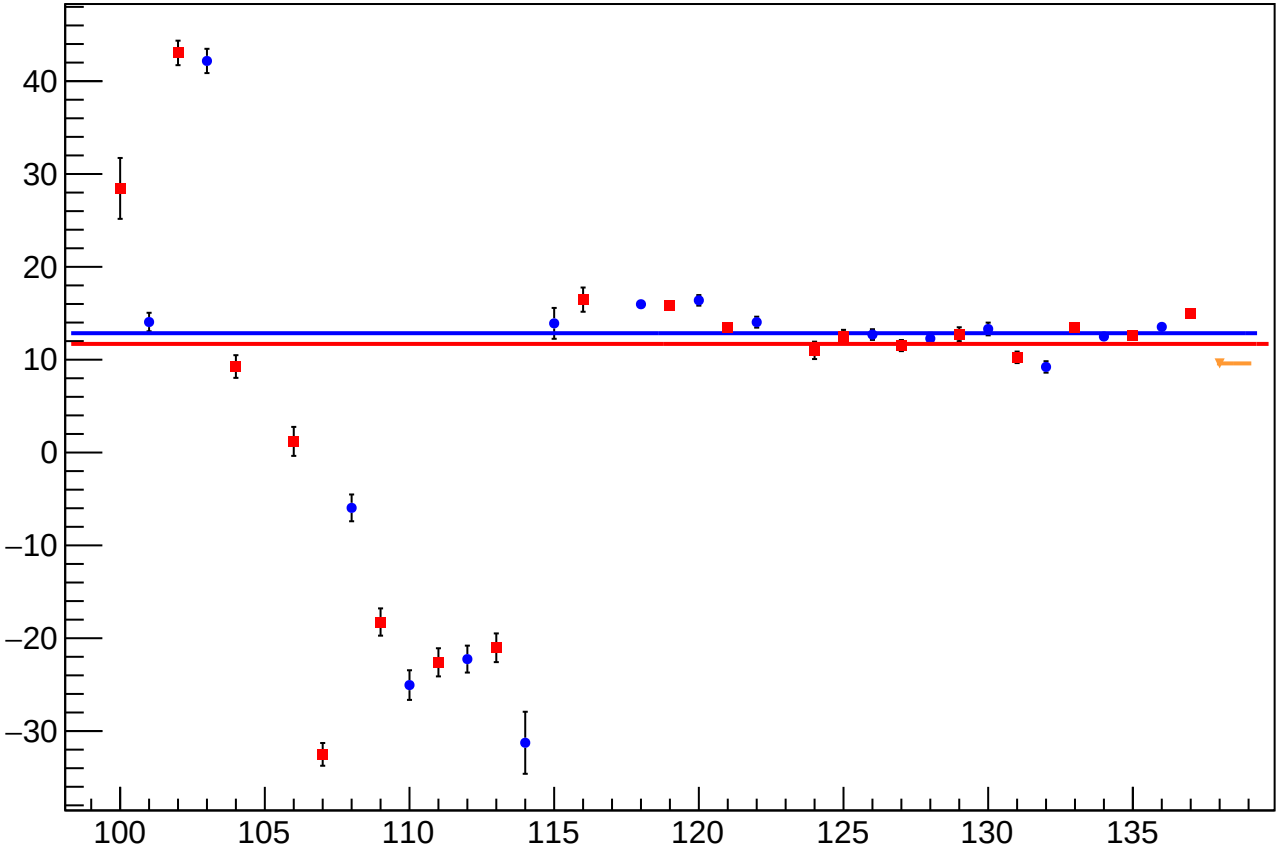
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -7.210+/-0.129 χ^2/NDF: 719.7/16

All: -7.543+/-0.099 χ^2/NDF: 1225.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.853+/-0.150 χ^2/NDF: 2128.4/15

Left Out: 9.599+/-0.343 χ^2/NDF:0.0/0

Right Out: 11.699+/-0.155 χ^2/NDF: 3498.8/18

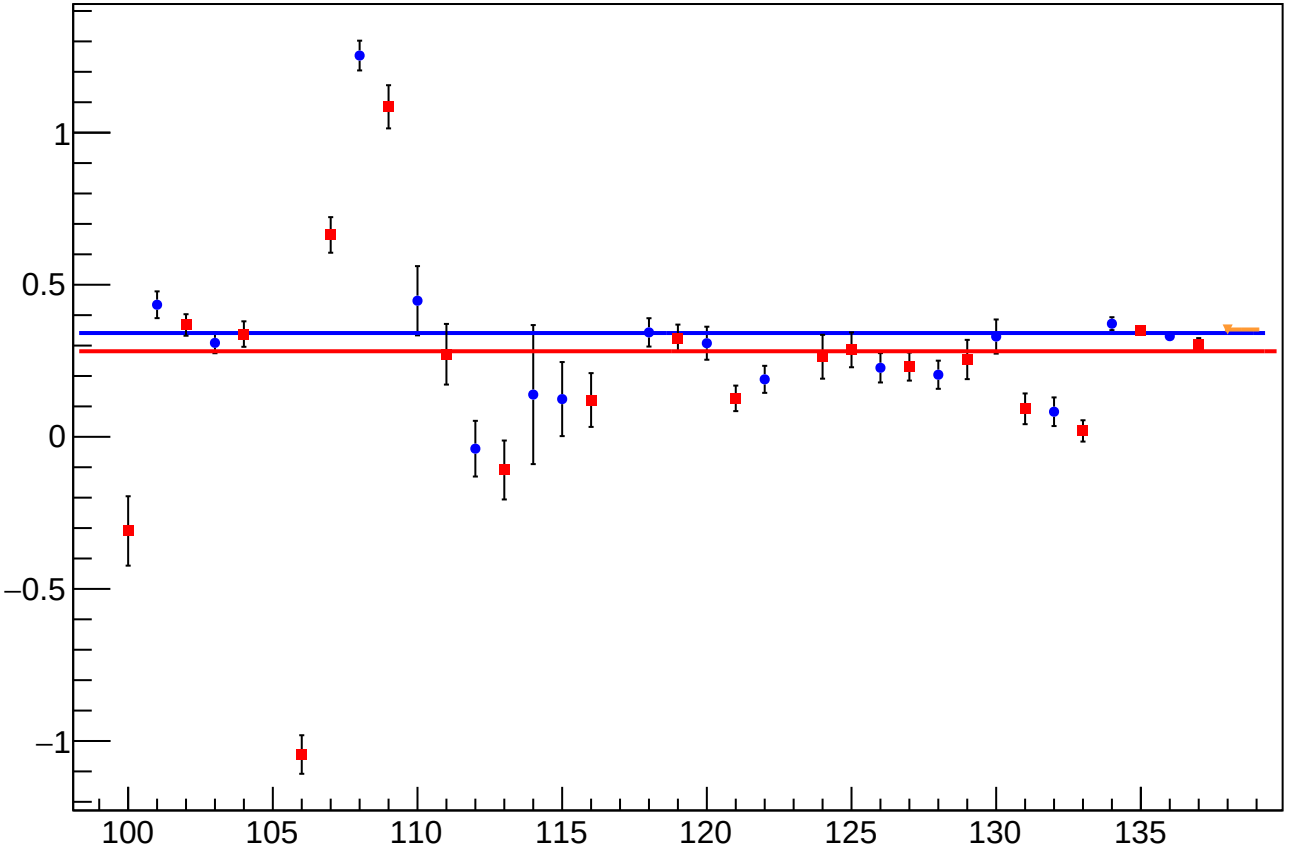
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.329+/-0.138 χ^2/NDF: 2203.9/16

All: 12.051+/-0.103 χ^2/NDF: 5711.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.341+/-0.008 χ^2/NDF: 434.8/15

Left Out: 0.353+/-0.011 χ^2/NDF:0.0/0

Right Out: 0.281+/-0.008 χ^2/NDF: 777.6/18

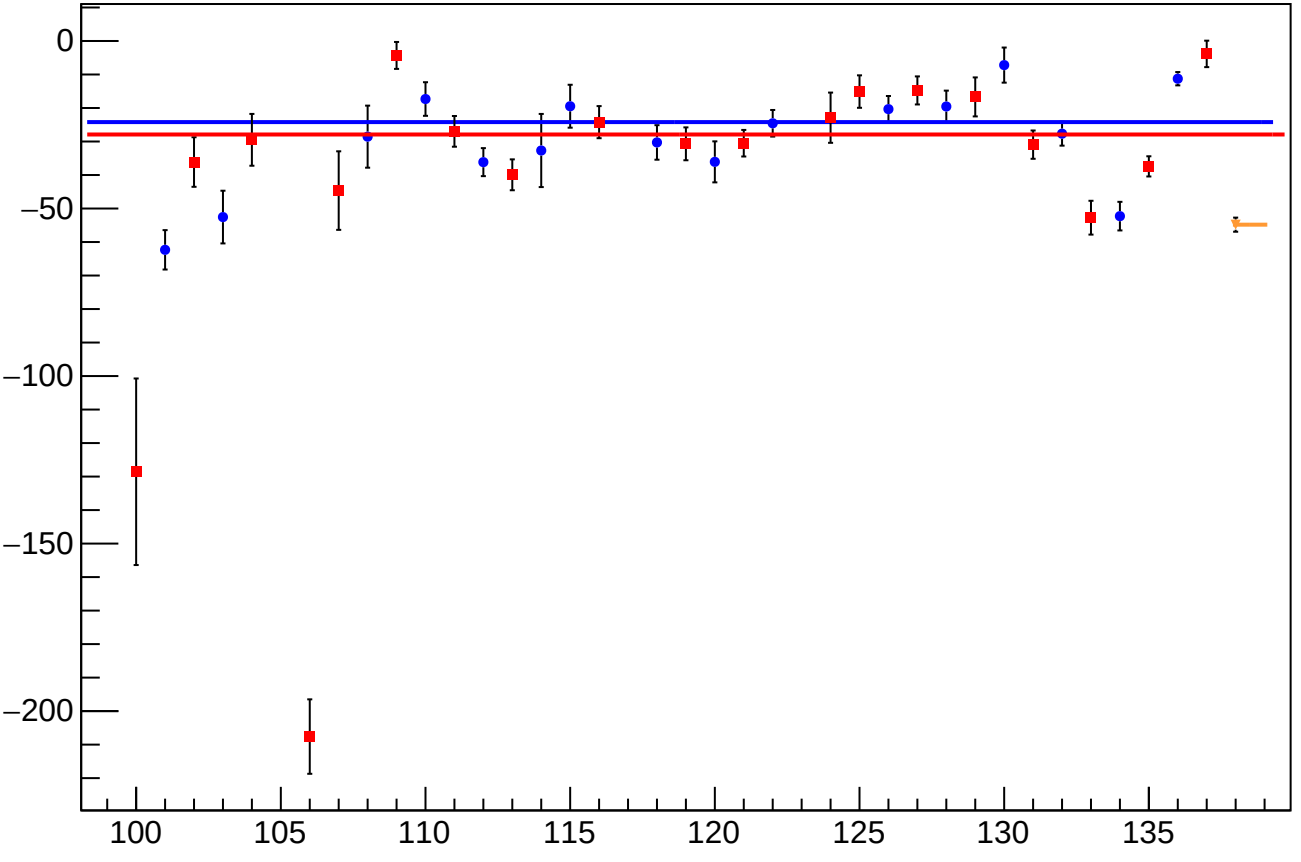
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.345+/-0.006 χ^2/NDF: 435.5/16

All: 0.322+/-0.005 χ^2/NDF: 1249.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -24.205+/-1.086 χ^2/NDF: 170.7/15

Left Out: -54.819+/-2.106 χ^2/NDF:0.0/0

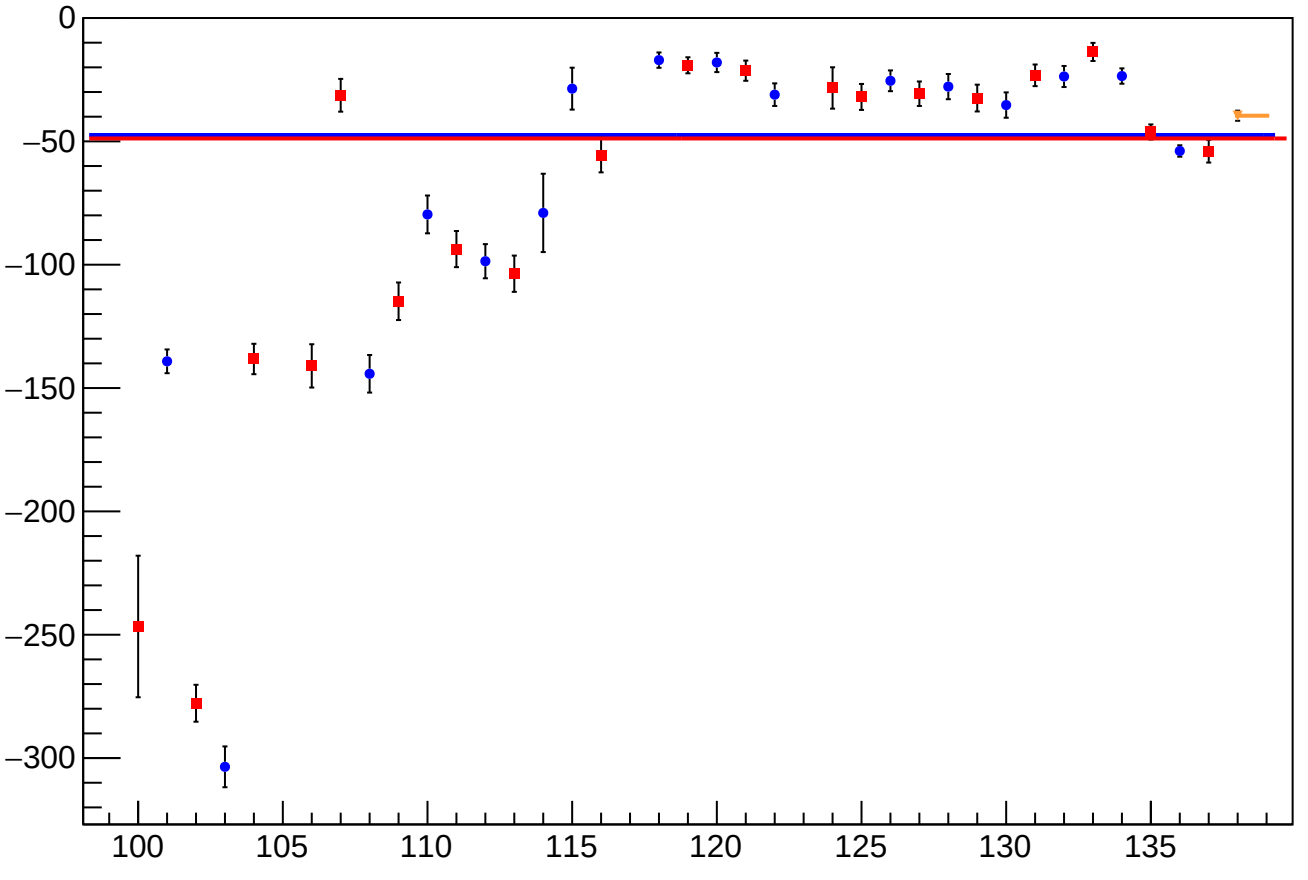
Right Out: -27.906+/-1.137 χ^2/NDF: 413.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -30.641+/-0.965 χ^2/NDF: 337.7/16

All: -29.495+/-0.736 χ^2/NDF: 754.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -47.421+/-1.101 χ^2/NDF: 1873.5/15

Left Out: -39.604+/-2.056 χ^2/NDF:0.0/0

Right Out: -48.831+/-1.182 χ^2/NDF: 1774.6/18

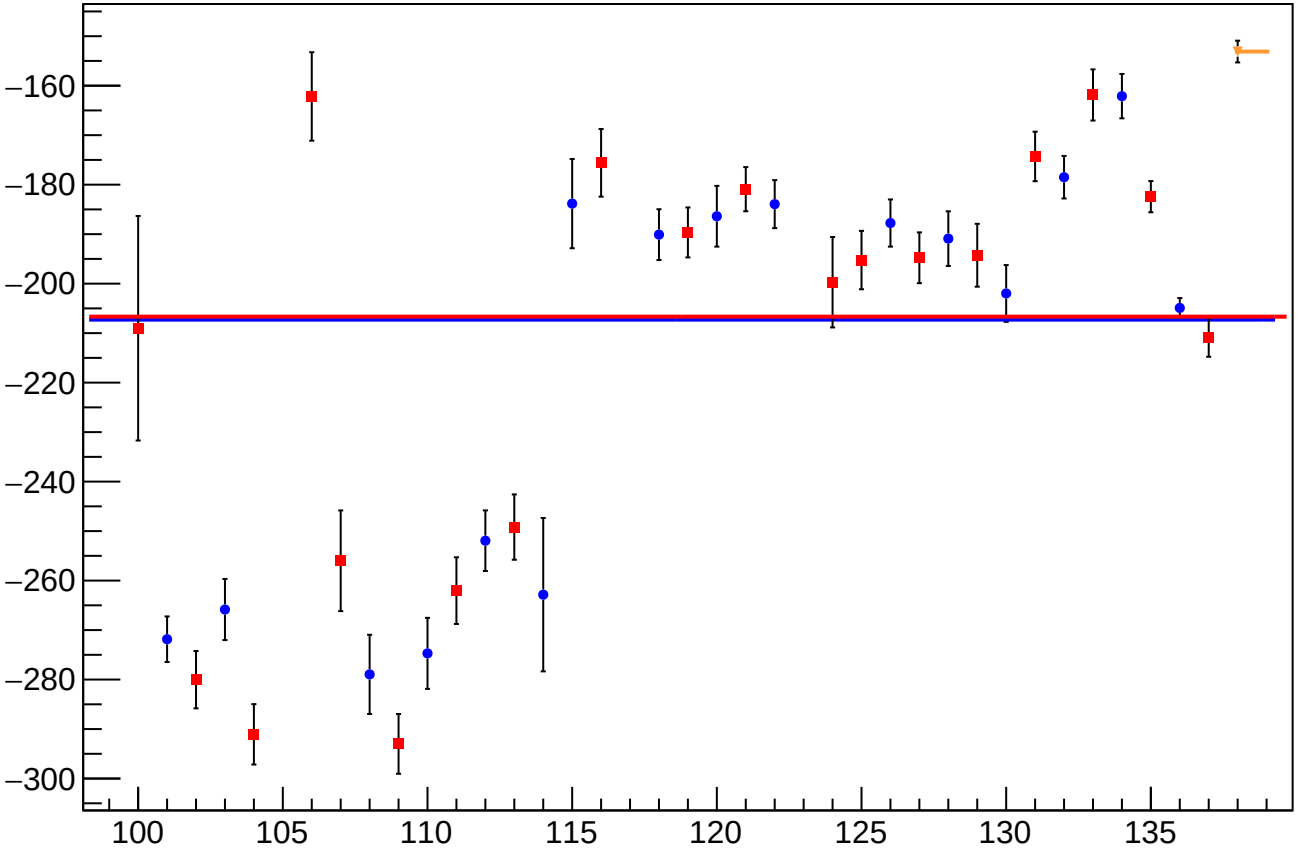
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -45.679+/-0.970 χ^2/NDF: 1884.7/16

All: -46.948+/-0.750 χ^2/NDF: 3663.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -207.266+/-1.178 χ^2/NDF: 748.5/15

Left Out: -153.102+/-2.197 χ^2/NDF:0.0/0

Right Out: -206.673+/-1.279 χ^2/NDF: 969.4/18

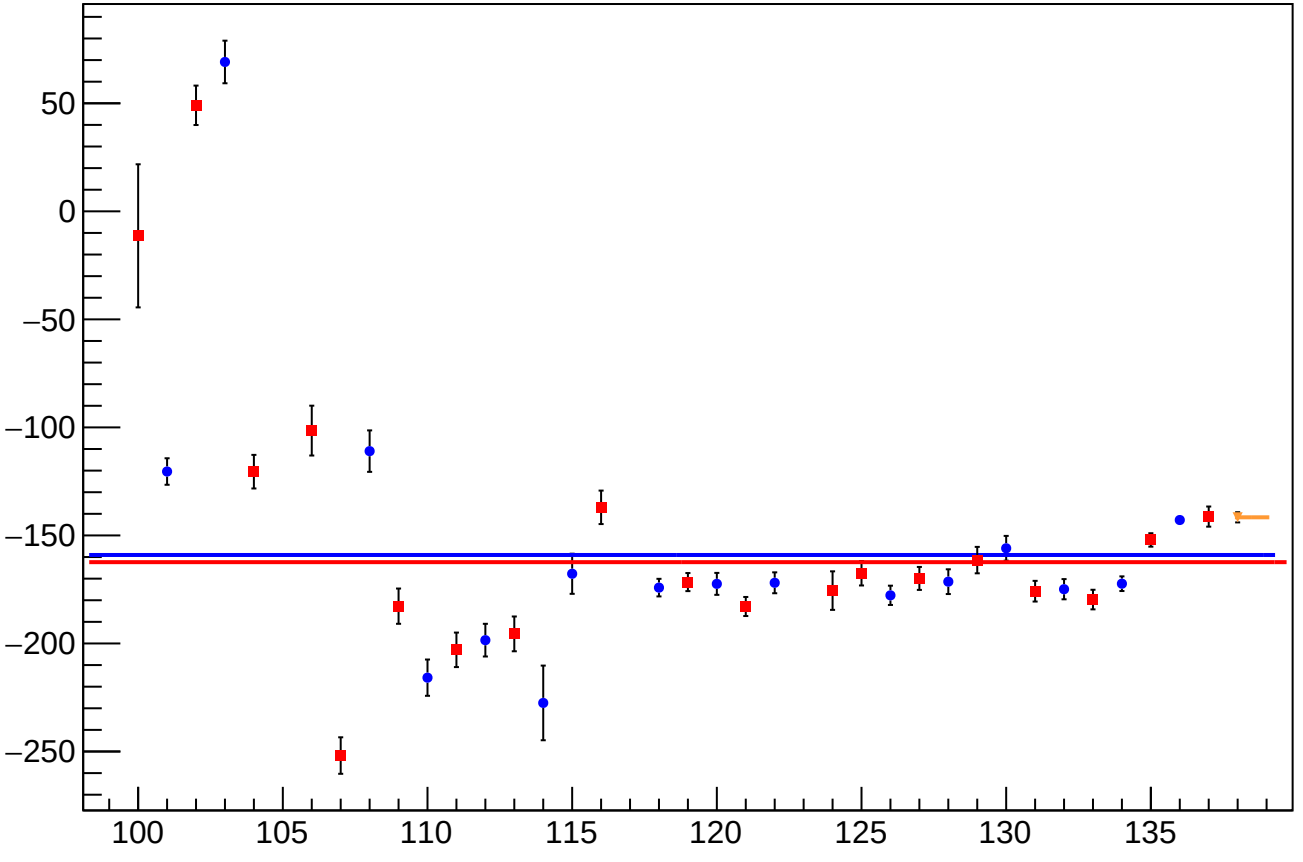
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -195.166+/-1.038 χ^2/NDF: 1220.5/16

All: -199.736+/-0.806 χ^2/NDF: 2238.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -159.048+/-1.225 χ^2/NDF: 815.8/15

Left Out: -141.615+/-2.358 χ^2/NDF:0.0/0

Right Out: -162.370+/-1.324 χ^2/NDF: 872.6/18

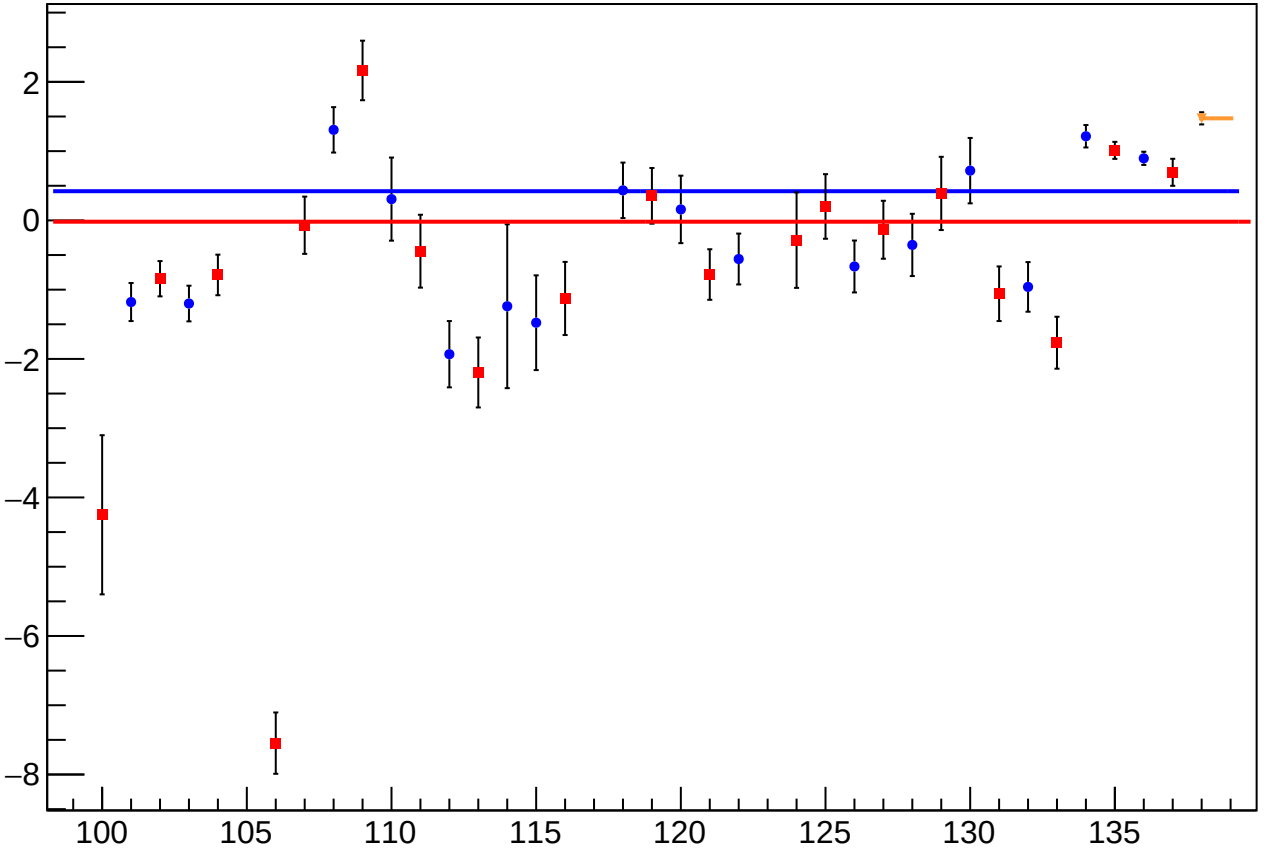
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -155.342+/-1.087 χ^2/NDF: 858.8/16

All: -158.173+/-0.840 χ^2/NDF: 1748.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.421+/-0.065 χ^2/NDF: 197.6/15

Left Out: 1.474+/-0.088 χ^2/NDF:0.0/0

Right Out: -0.019+/-0.072 χ^2/NDF: 488.2/18

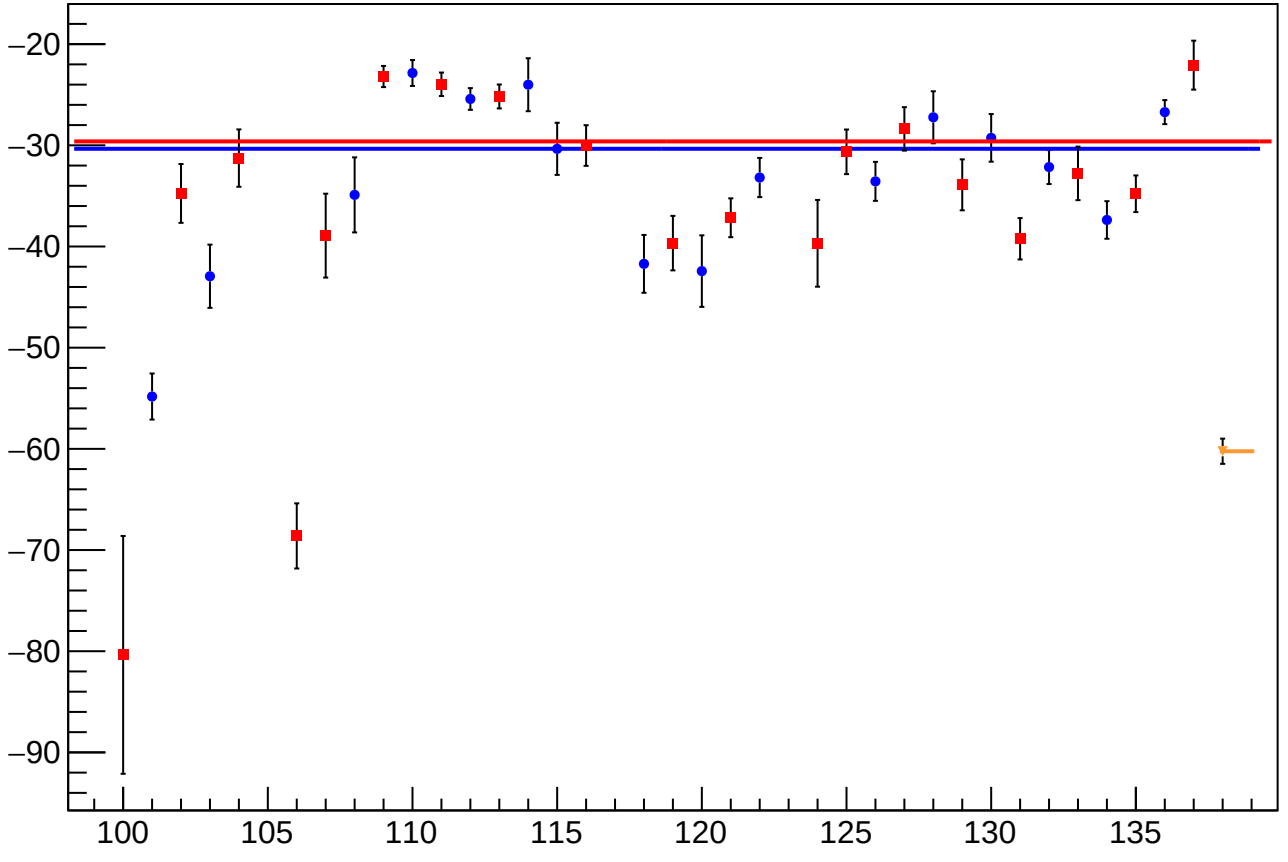
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.790+/-0.052 χ^2/NDF: 290.0/16

All: 0.513+/-0.042 χ^2/NDF: 860.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -30.341+/-0.468 χ^2/NDF: 253.6/15

Left Out: -60.236+/-1.247 χ^2/NDF:0.0/0

Right Out: -29.613+/-0.450 χ^2/NDF: 329.2/18

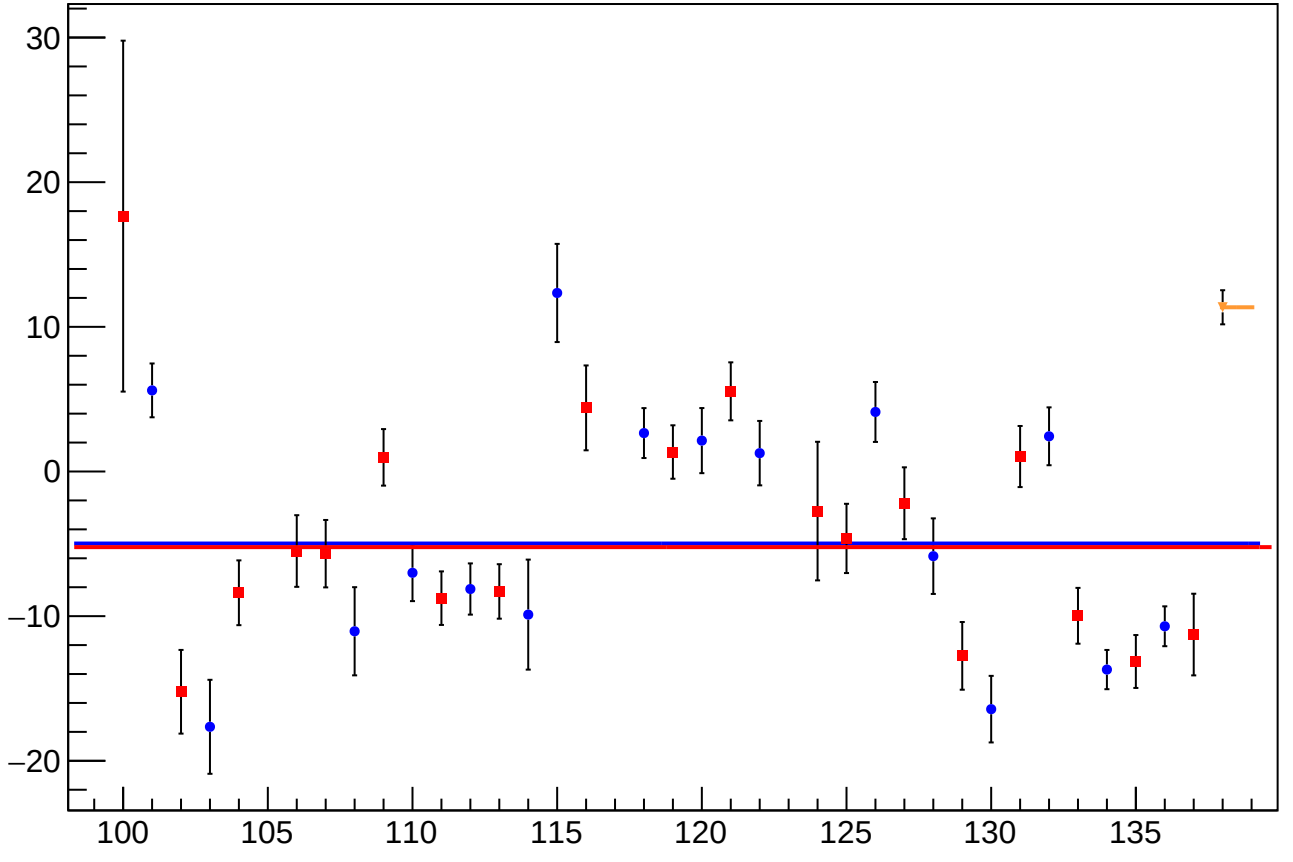
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -34.027+/-0.438 χ^2/NDF: 757.1/16

All: -31.882+/-0.314 χ^2/NDF: 1135.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -4.980+/-0.510 χ^2/NDF: 237.3/15

Left Out: 11.352+/-1.179 χ^2/NDF:0.0/0

Right Out: -5.228+/-0.524 χ^2/NDF: 136.5/18

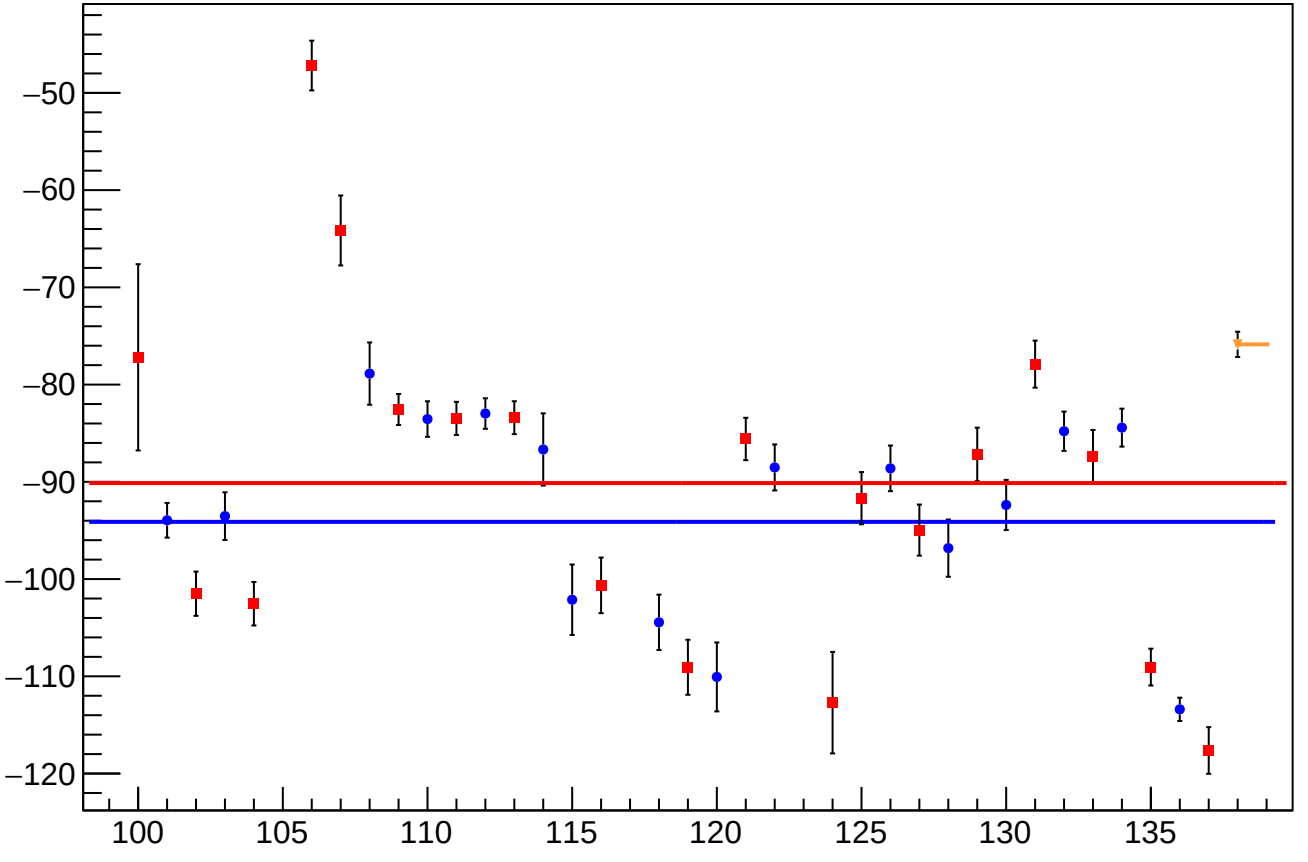
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.409+/-0.468 χ^2/NDF: 399.0/16

All: -3.660+/-0.349 χ^2/NDF: 551.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -94.115+/-0.537 χ^2/NDF: 466.8/15

Left Out: -75.864+/-1.301 χ^2/NDF:0.0/0

Right Out: -90.127+/-0.543 χ^2/NDF: 789.3/18

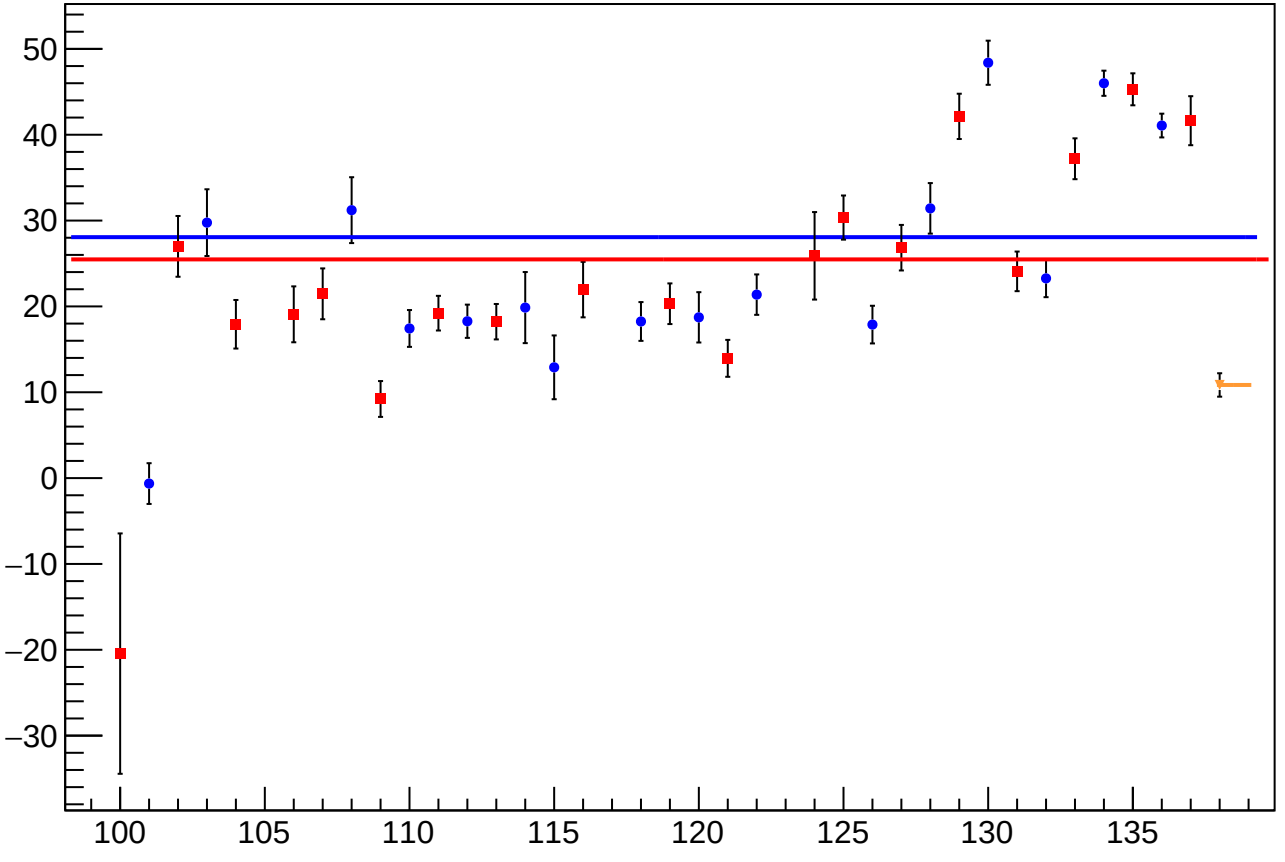
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -91.458+/-0.496 χ^2/NDF: 635.0/16

All: -90.852+/-0.366 χ^2/NDF: 1427.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 28.068+/-0.569 χ^2/NDF: 583.1/15

Left Out: 10.850+/-1.364 χ^2/NDF:0.0/0

Right Out: 25.477+/-0.590 χ^2/NDF: 354.6/18

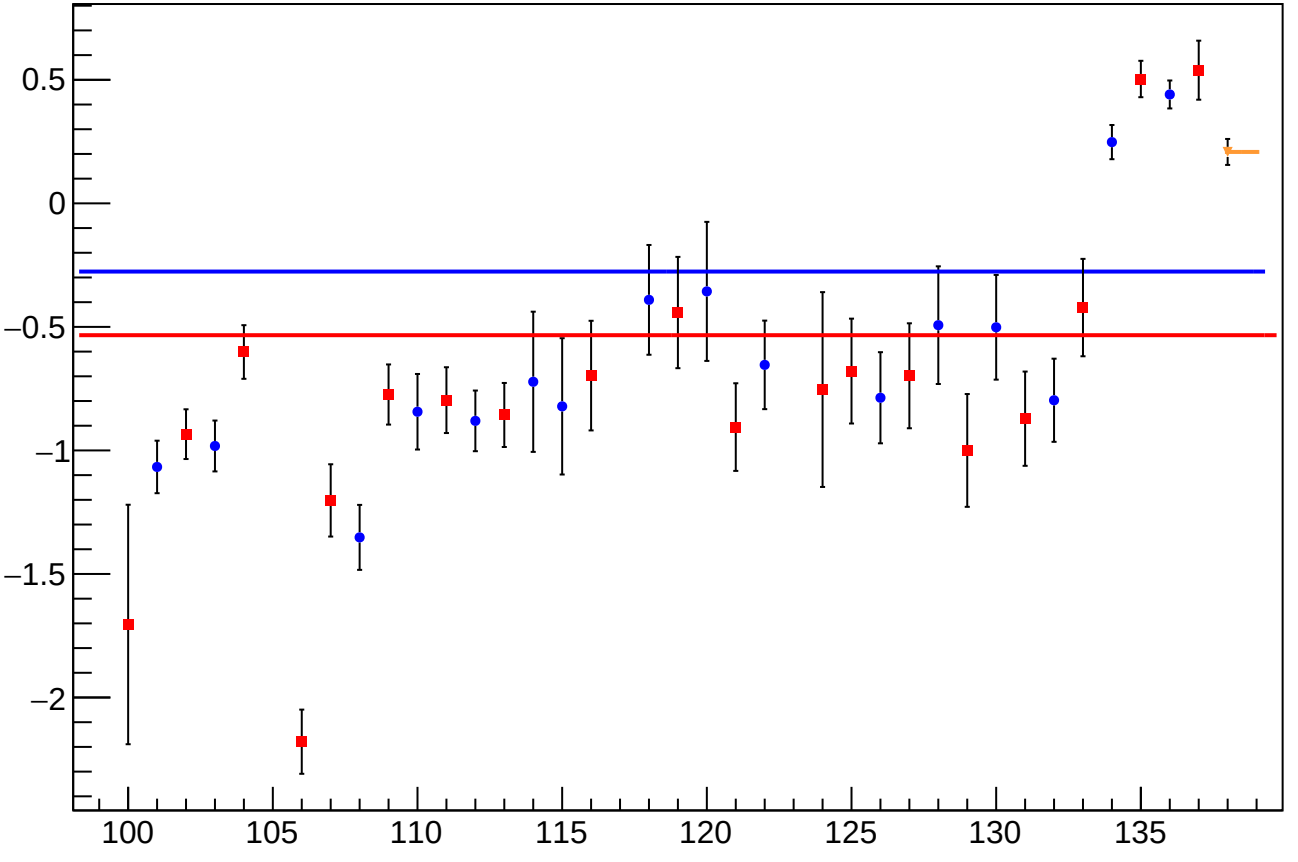
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.518+/-0.525 χ^2/NDF: 718.8/16

All: 25.500+/-0.392 χ^2/NDF: 1073.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.276+/-0.031 χ^2/NDF: 455.6/15

Left Out: 0.208+/-0.053 χ^2/NDF:0.0/0

Right Out: -0.534+/-0.033 χ^2/NDF: 510.3/18

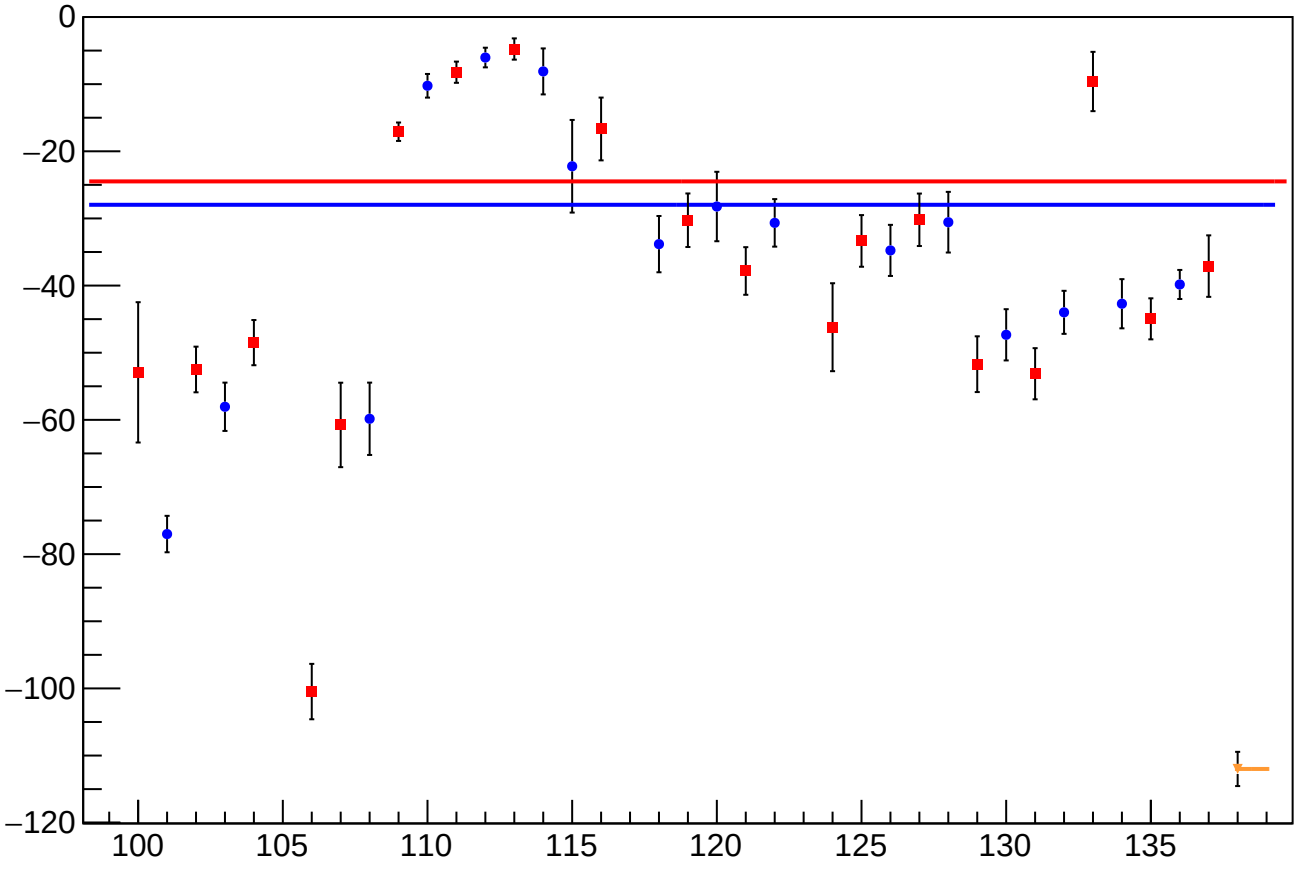
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.153+/-0.026 χ^2/NDF: 518.9/16

All: -0.303+/-0.021 χ^2/NDF: 1110.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -27.967+/-0.728 χ^2/NDF: 894.7/15

Left Out: -111.995+/-2.550 χ^2/NDF:0.0/0

Right Out: -24.485+/-0.663 χ^2/NDF: 989.7/18

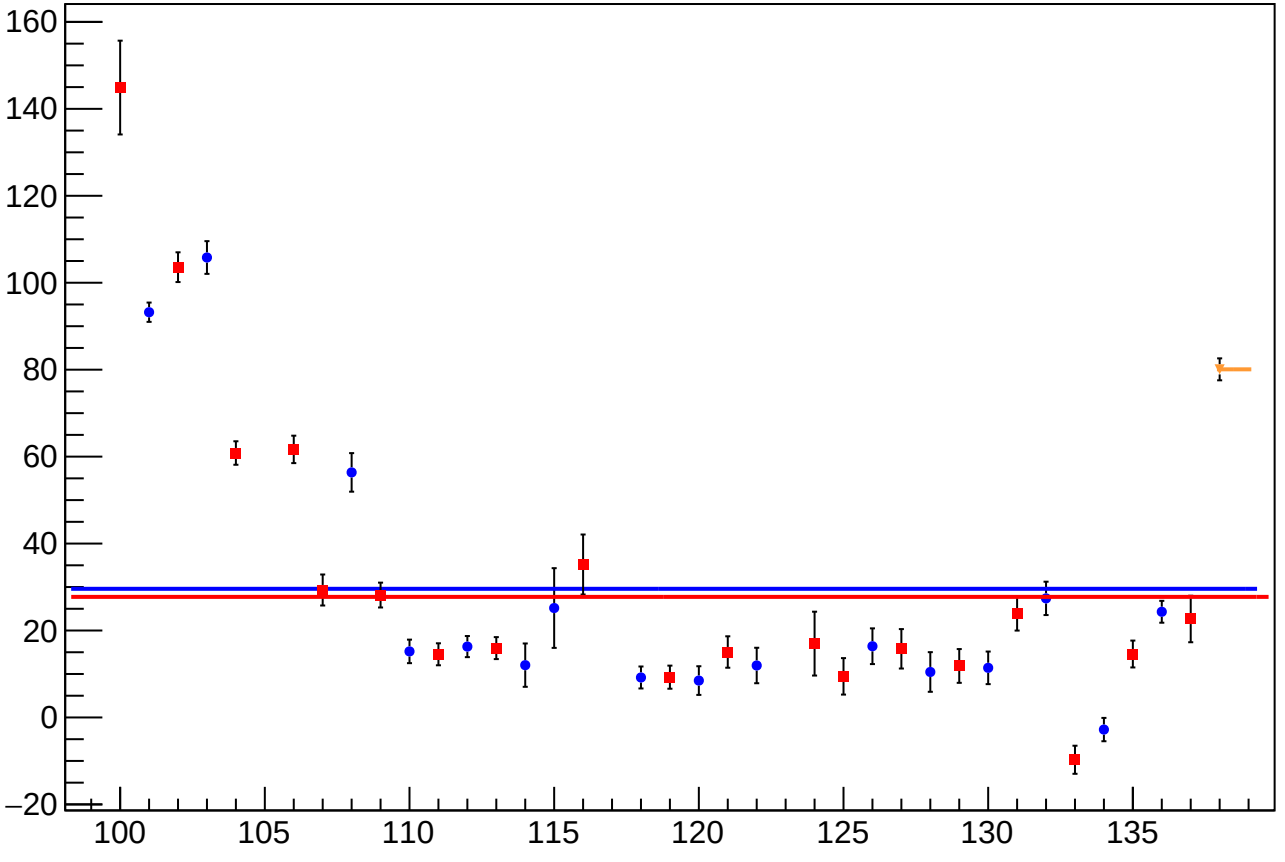
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -34.294+/-0.700 χ^2/NDF: 1898.8/16

All: -29.124+/-0.481 χ^2/NDF: 2992.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 29.594+/-0.807 χ^2/NDF: 1665.7/15

Left Out: 80.079+/-2.526 χ^2/NDF:0.0/0

Right Out: 27.736+/-0.797 χ^2/NDF: 1185.1/18

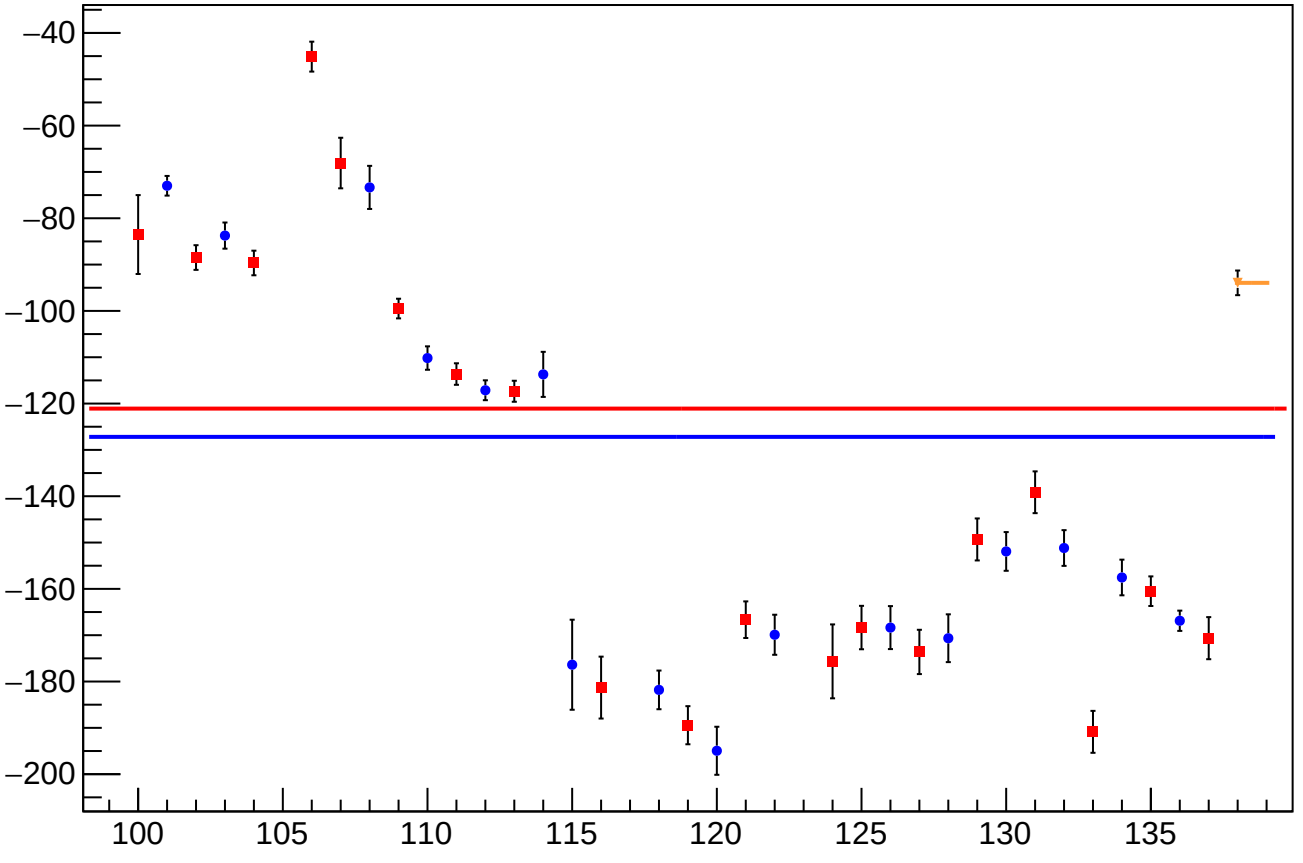
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 34.271+/-0.769 χ^2/NDF: 2028.1/16

All: 31.121+/-0.553 χ^2/NDF: 3248.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -127.190+/-0.829 χ^2/NDF: 2178.2/15

Left Out: -93.942+/-2.660 χ^2/NDF:0.0/0

Right Out: -121.086+/-0.798 χ^2/NDF: 2397.3/18

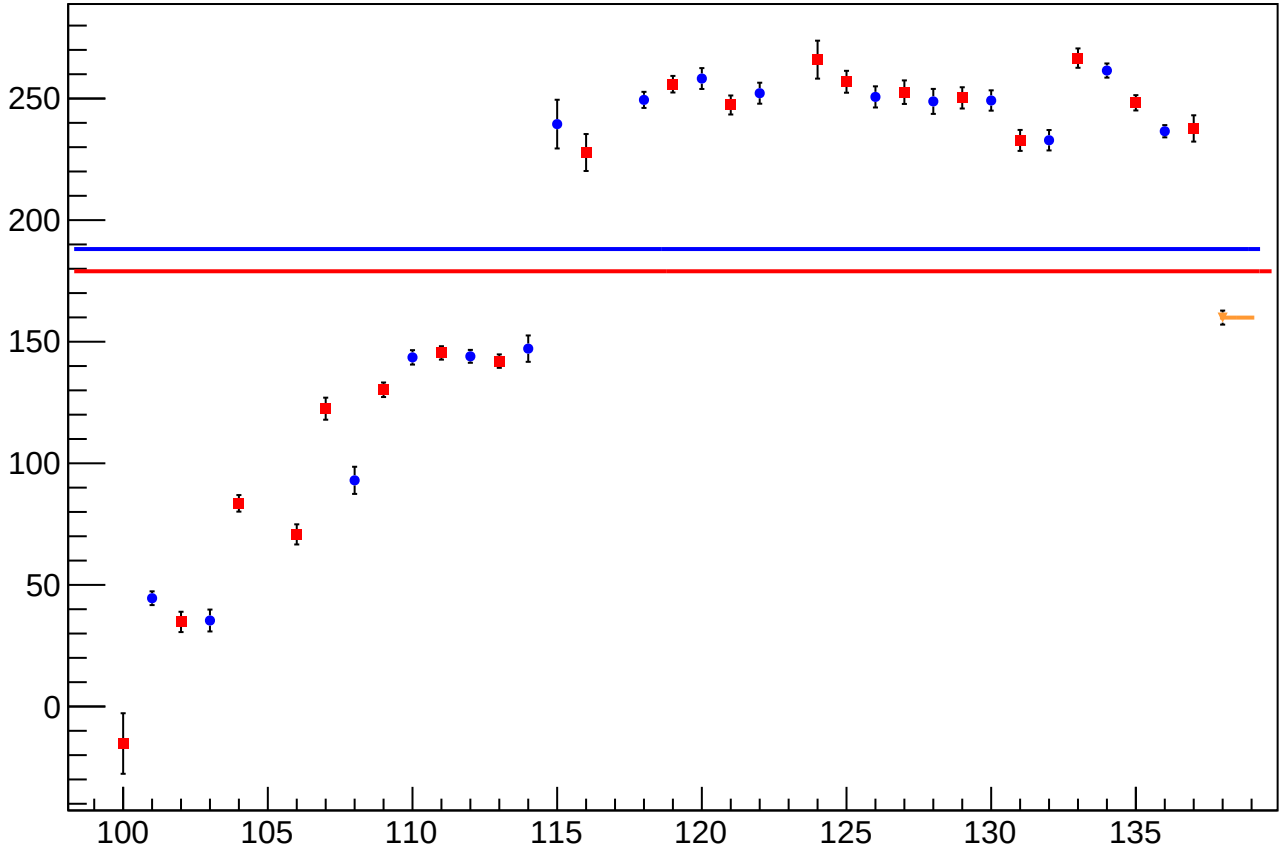
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -124.245+/-0.792 χ^2/NDF: 2320.5/16

All: -122.677+/-0.562 χ^2/NDF: 4725.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 188.107+/-0.918 χ^2/NDF: 7118.6/15

Left Out: 159.918+/-2.887 χ^2/NDF:0.0/0

Right Out: 178.971+/-0.908 χ^2/NDF: 6668.8/18

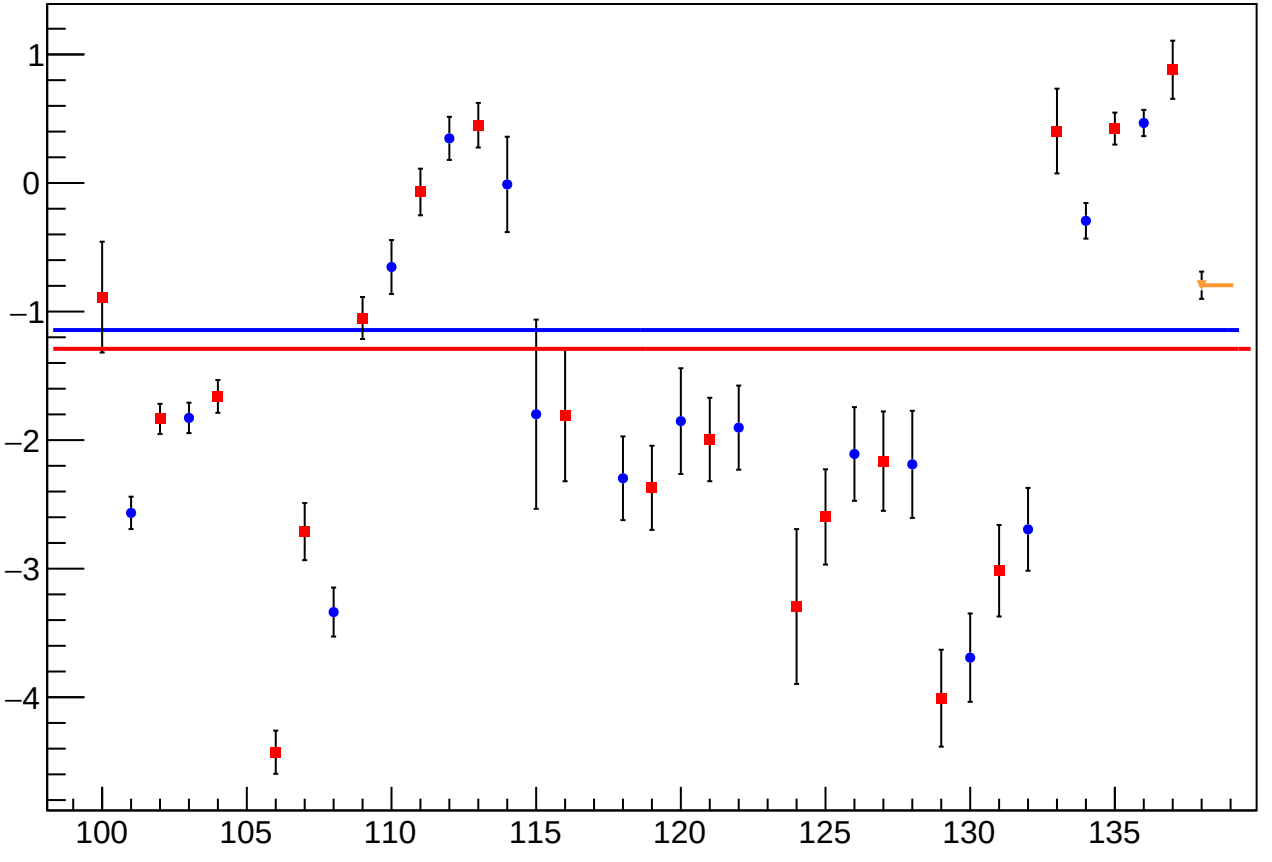
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 185.517+/-0.875 χ^2/NDF: 7205.2/16

All: 182.366+/-0.630 χ^2/NDF: 13901.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.144+/-0.048 χ^2/NDF: 787.4/15

Left Out: -0.795+/-0.106 χ^2/NDF:0.0/0

Right Out: -1.290+/-0.047 χ^2/NDF: 998.3/18

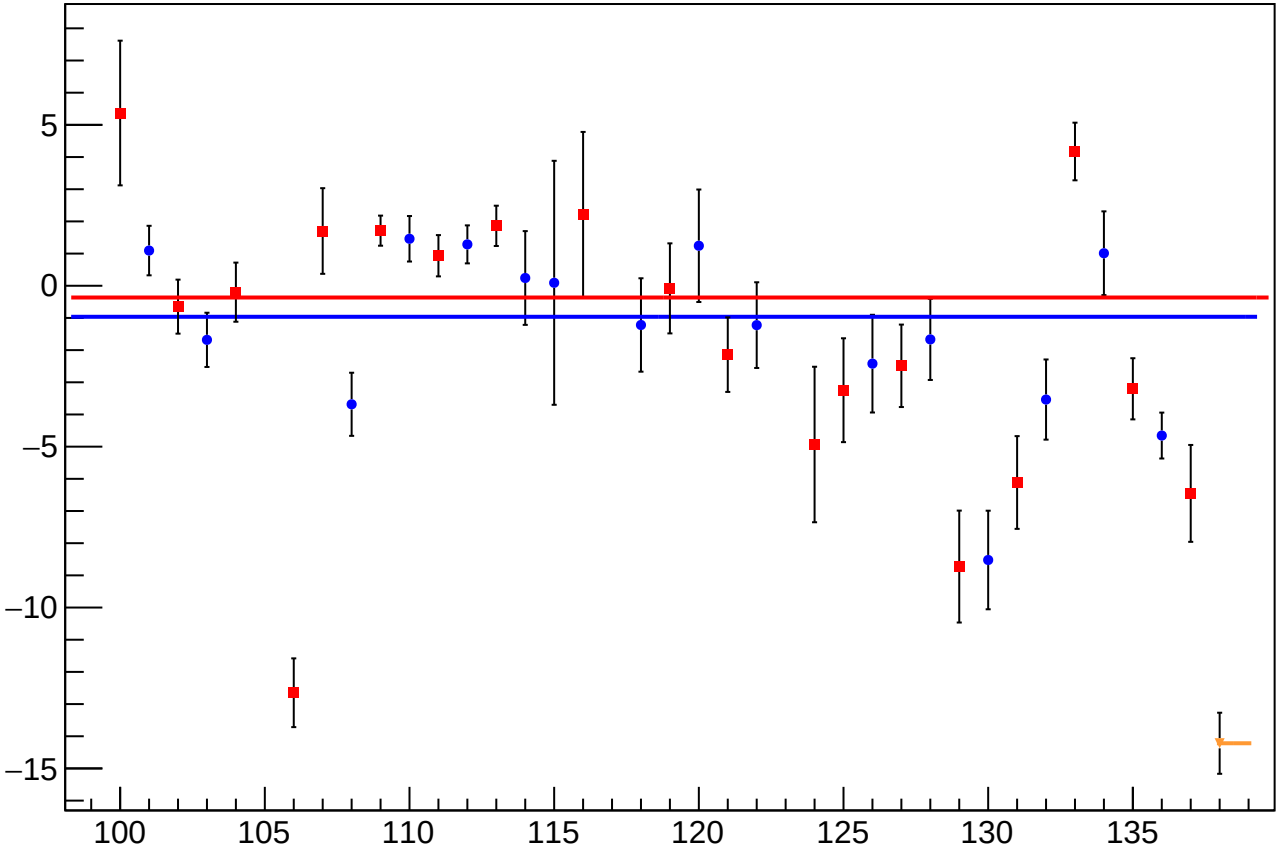
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.085+/-0.044 χ^2/NDF: 796.4/16

All: -1.179+/-0.032 χ^2/NDF: 1804.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -0.964+/-0.253 χ^2/NDF: 103.2/15

Left Out: -14.218+/-0.949 χ^2/NDF:0.0/0

Right Out: -0.365+/-0.224 χ^2/NDF: 280.6/18

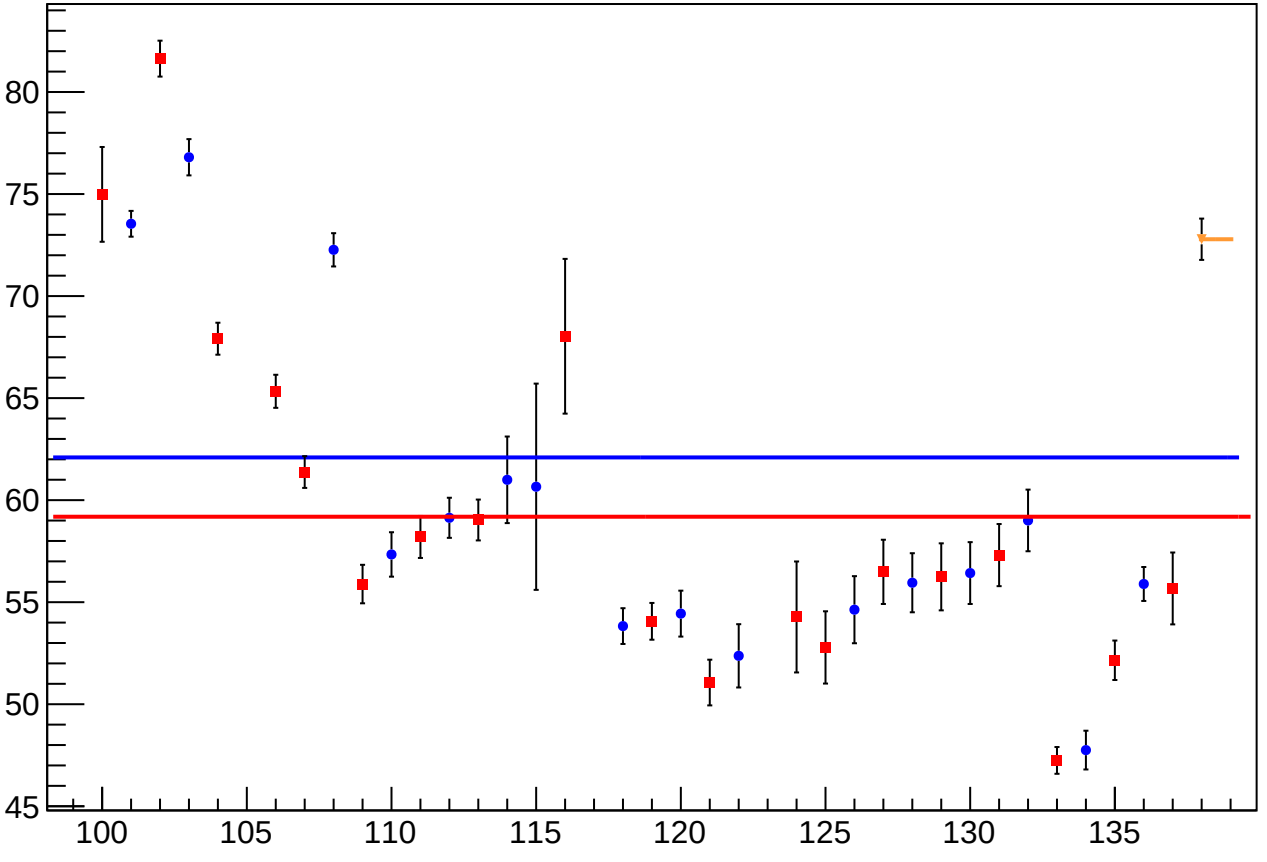
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.845+/-0.245 χ^2/NDF: 285.3/16

All: -1.039+/-0.165 χ^2/NDF: 585.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 62.094+/-0.265 χ^2/NDF: 1301.3/15

Left Out: 72.785+/-1.012 χ^2/NDF:0.0/0

Right Out: 59.188+/-0.244 χ^2/NDF: 1402.1/18

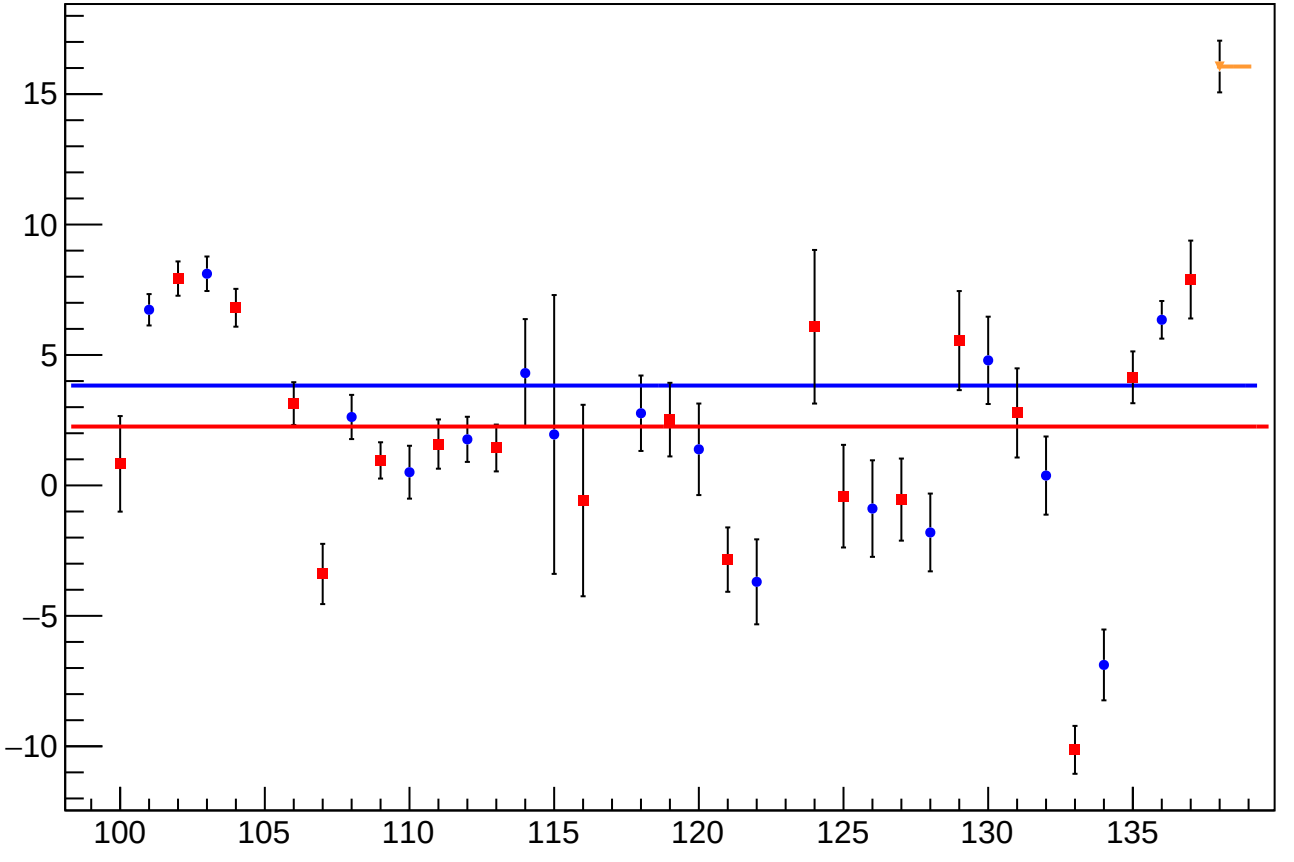
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 62.782+/-0.257 χ^2/NDF: 1405.7/16

All: 60.892+/-0.177 χ^2/NDF: 2910.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 3.828+/-0.265 χ^2/NDF: 208.6/15

Left Out: 16.057+/-0.991 χ^2/NDF:0.0/0

Right Out: 2.257+/-0.246 χ^2/NDF: 371.9/18

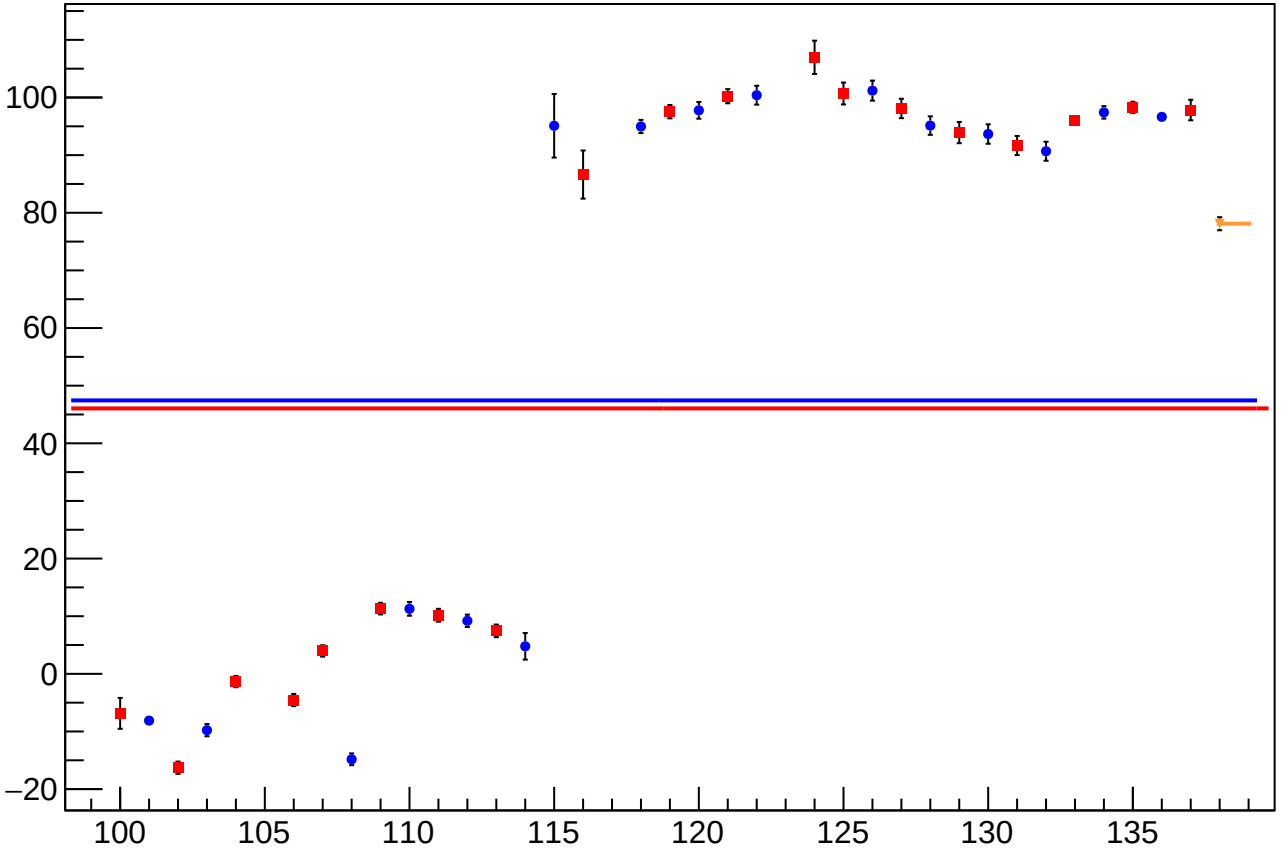
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.646+/-0.256 χ^2/NDF: 350.7/16

All: 3.405+/-0.178 χ^2/NDF: 767.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 47.443+/-0.308 χ^2/NDF: 26886.9/15

Left Out: 78.100+/-1.133 χ^2/NDF:0.0/0

Right Out: 46.053+/-0.284 χ^2/NDF: 28897.8/18

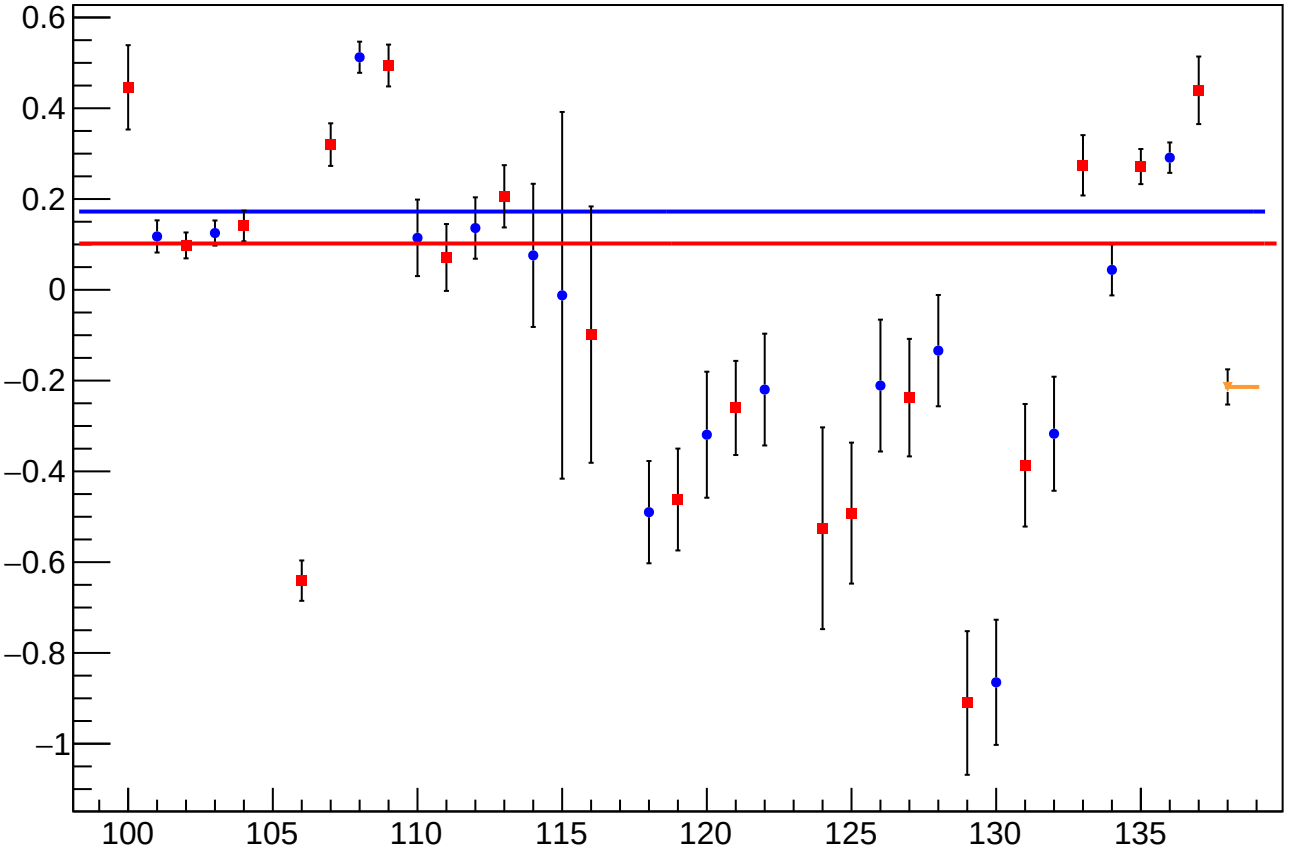
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 49.553+/-0.297 χ^2/NDF: 27568.6/16

All: 47.726+/-0.206 χ^2/NDF: 56538.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.172+/-0.014 χ^2/NDF: 265.0/15

Left Out: -0.214+/-0.039 χ^2/NDF:0.0/0

Right Out: 0.102+/-0.013 χ^2/NDF: 558.7/18

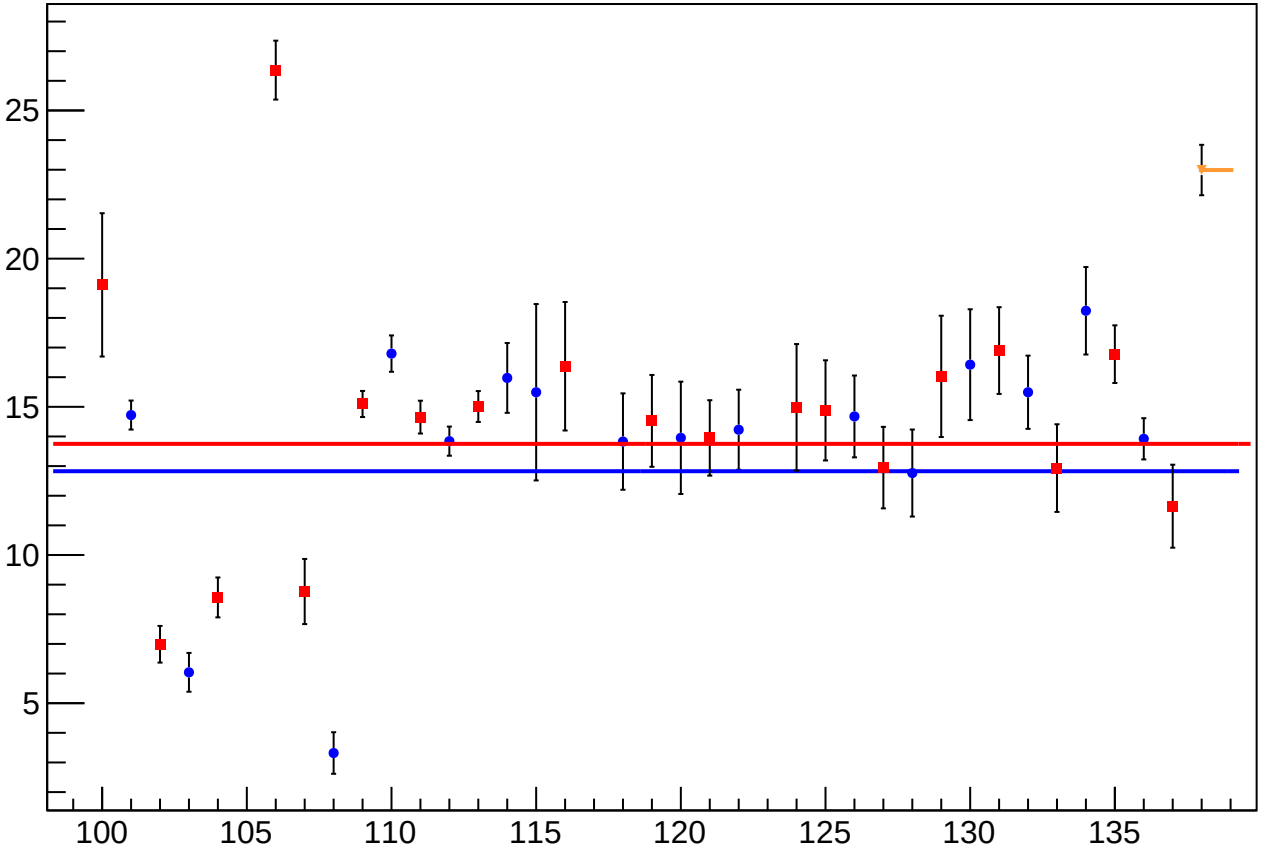
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.127+/-0.013 χ^2/NDF: 352.5/16

All: 0.115+/-0.009 χ^2/NDF: 913.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.827+/-0.214 χ^2/NDF: 388.0/15

Left Out: 22.990+/-0.851 χ^2/NDF:0.0/0

Right Out: 13.750+/-0.204 χ^2/NDF: 404.0/18

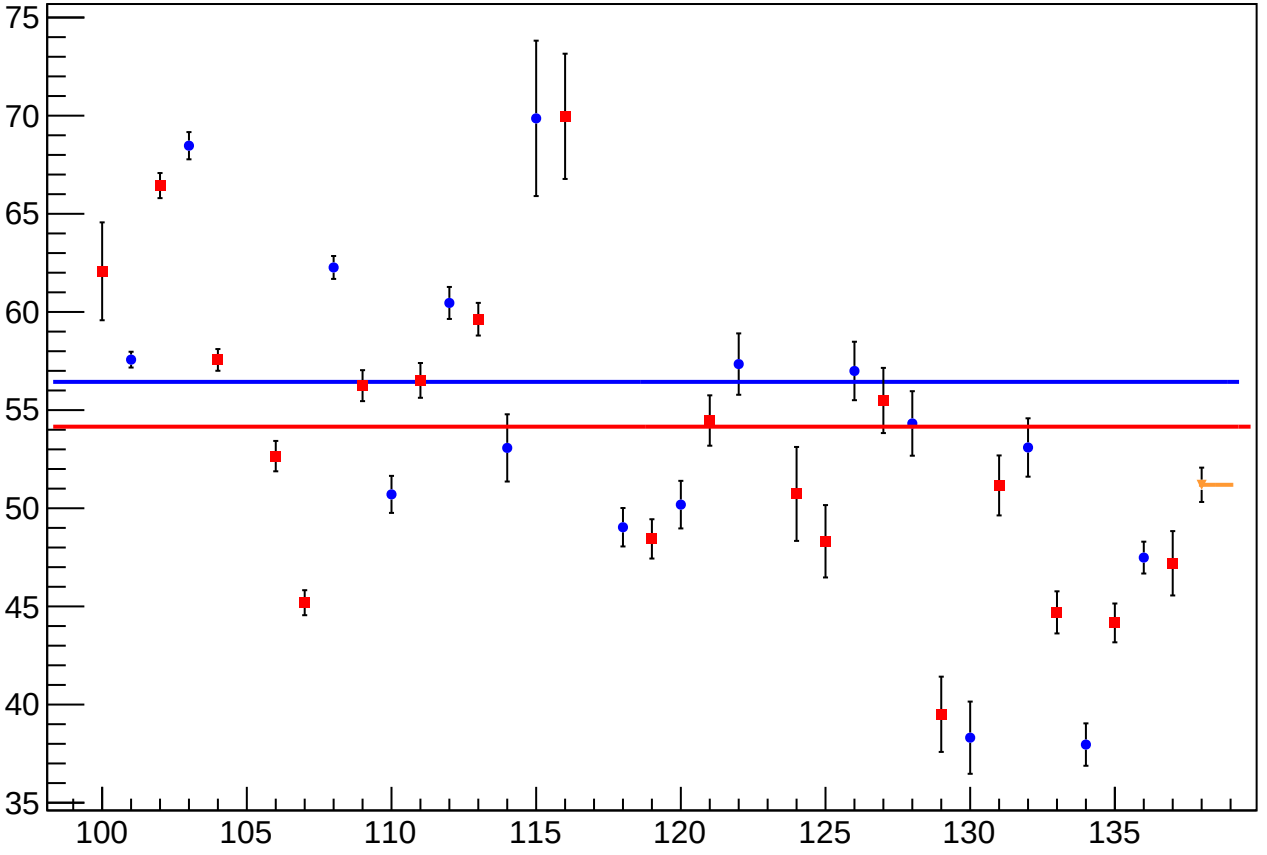
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13.433+/-0.208 χ^2/NDF: 522.3/16

All: 13.594+/-0.146 χ^2/NDF: 927.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 56.438+/-0.222 χ^2/NDF: 1088.0/15

Left Out: 51.195+/-0.874 χ^2/NDF:0.0/0

Right Out: 54.156+/-0.225 χ^2/NDF: 1006.6/18

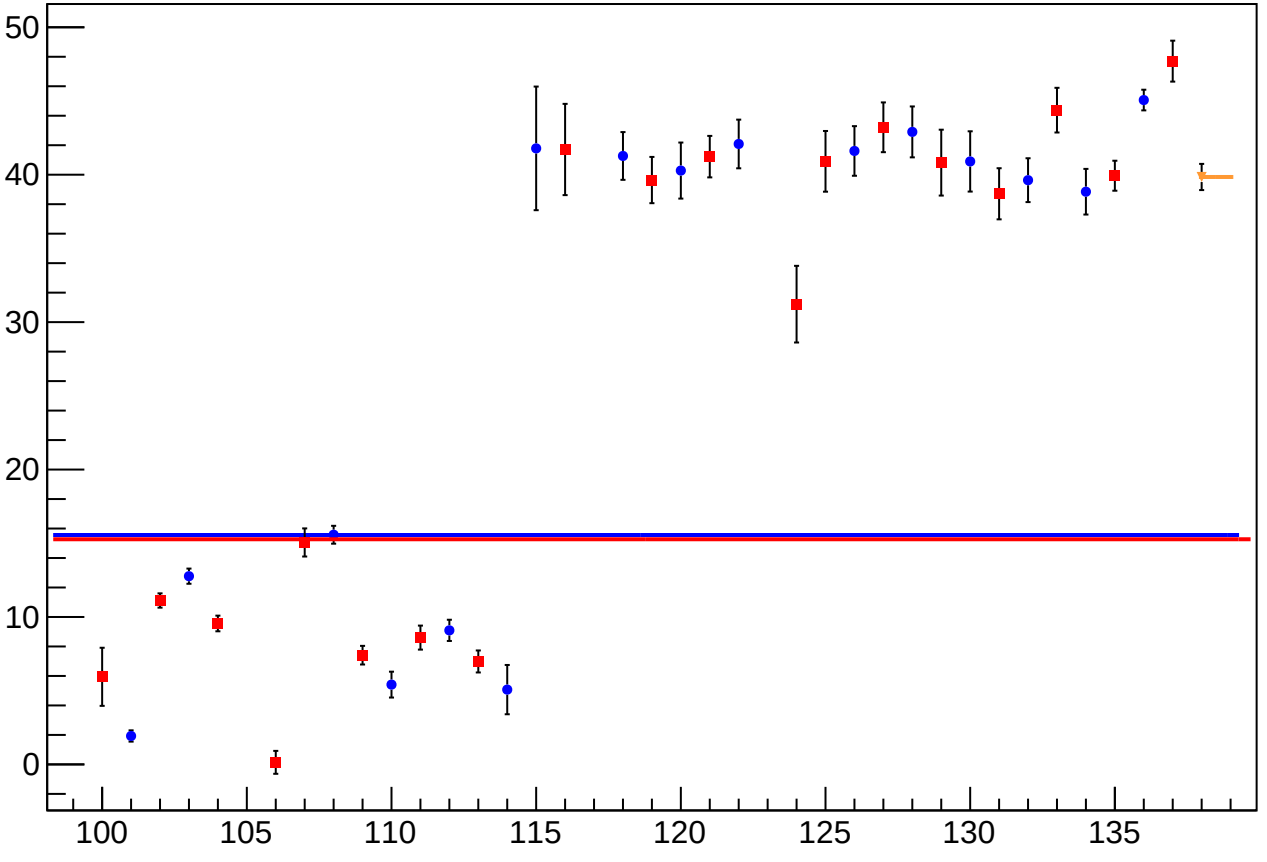
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.121+/-0.215 χ^2/NDF: 1121.8/16

All: 55.181+/-0.155 χ^2/NDF: 2168.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 15.561+/-0.214 χ^2/NDF: 5176.0/15

Left Out: 39.845+/-0.888 χ^2/NDF:0.0/0

Right Out: 15.272+/-0.219 χ^2/NDF: 3873.0/18

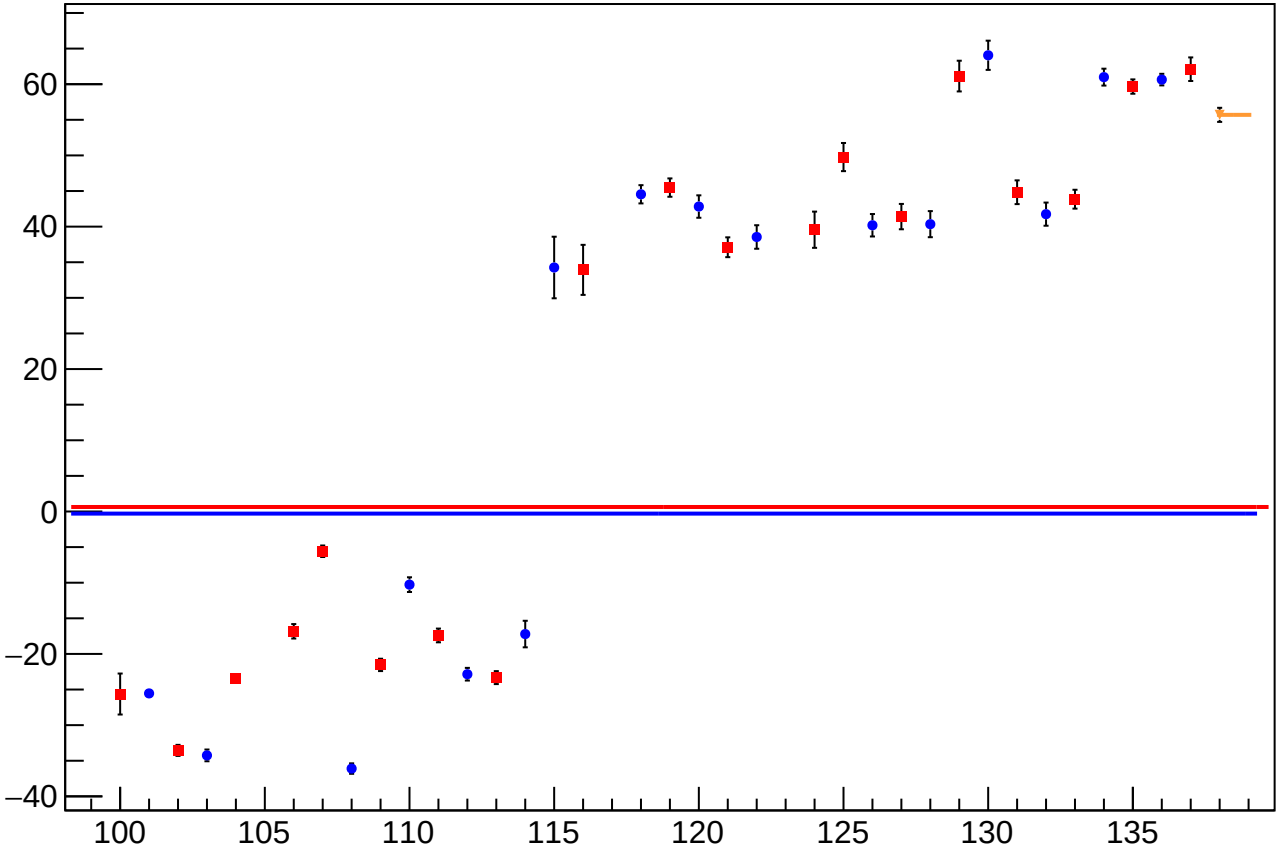
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.894+/-0.208 χ^2/NDF: 5882.9/16

All: 16.125+/-0.151 χ^2/NDF: 9784.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -0.296+/-0.261 χ^2/NDF: 21030.9/15

Left Out: 55.696+/-0.989 χ^2/NDF:0.0/0

Right Out: 0.633+/-0.264 χ^2/NDF: 16028.1/18

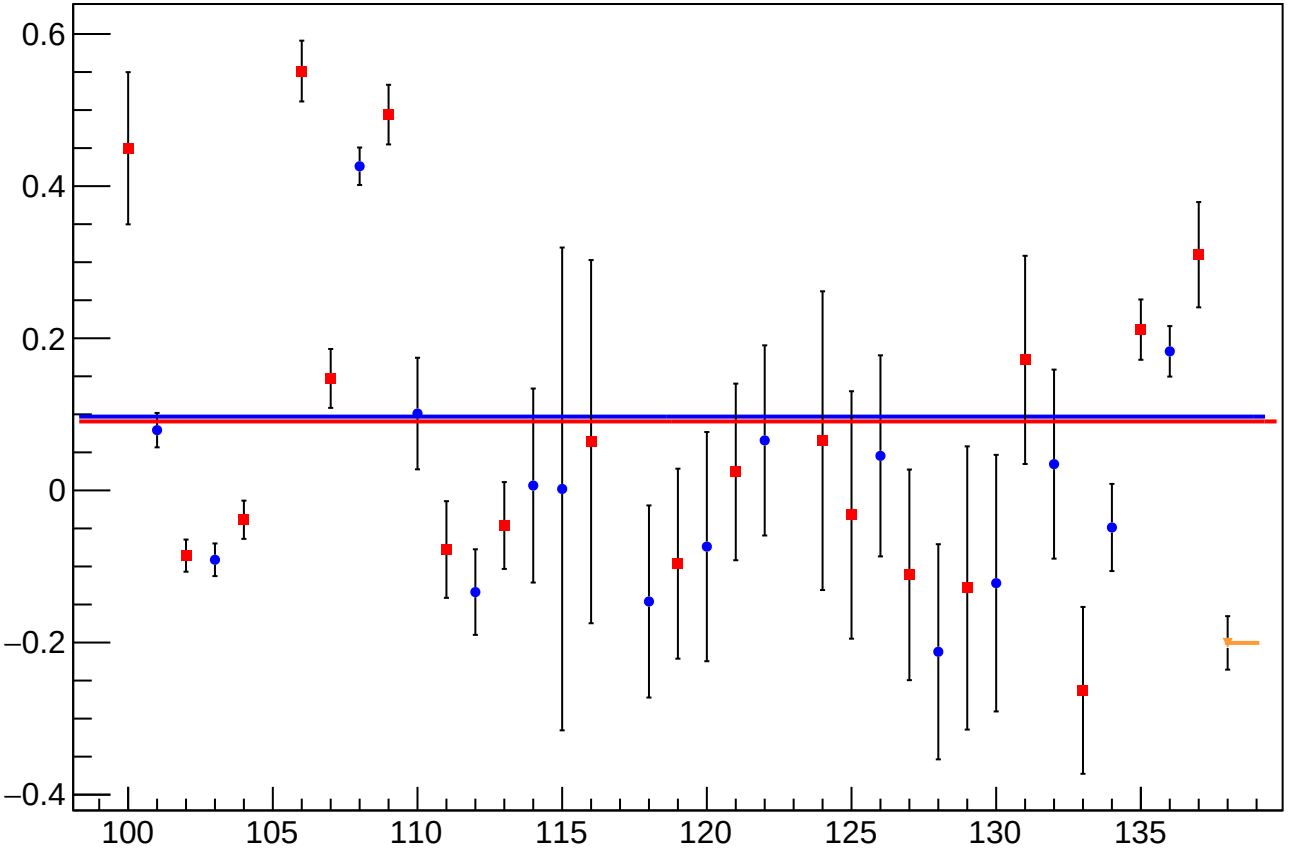
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.357+/-0.253 χ^2/NDF: 24024.0/16

All: 2.052+/-0.182 χ^2/NDF: 40107.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.097+/-0.011 χ^2/NDF: 299.1/15

Left Out: -0.201+/-0.035 χ^2/NDF:0.0/0

Right Out: 0.091+/-0.011 χ^2/NDF: 399.5/18

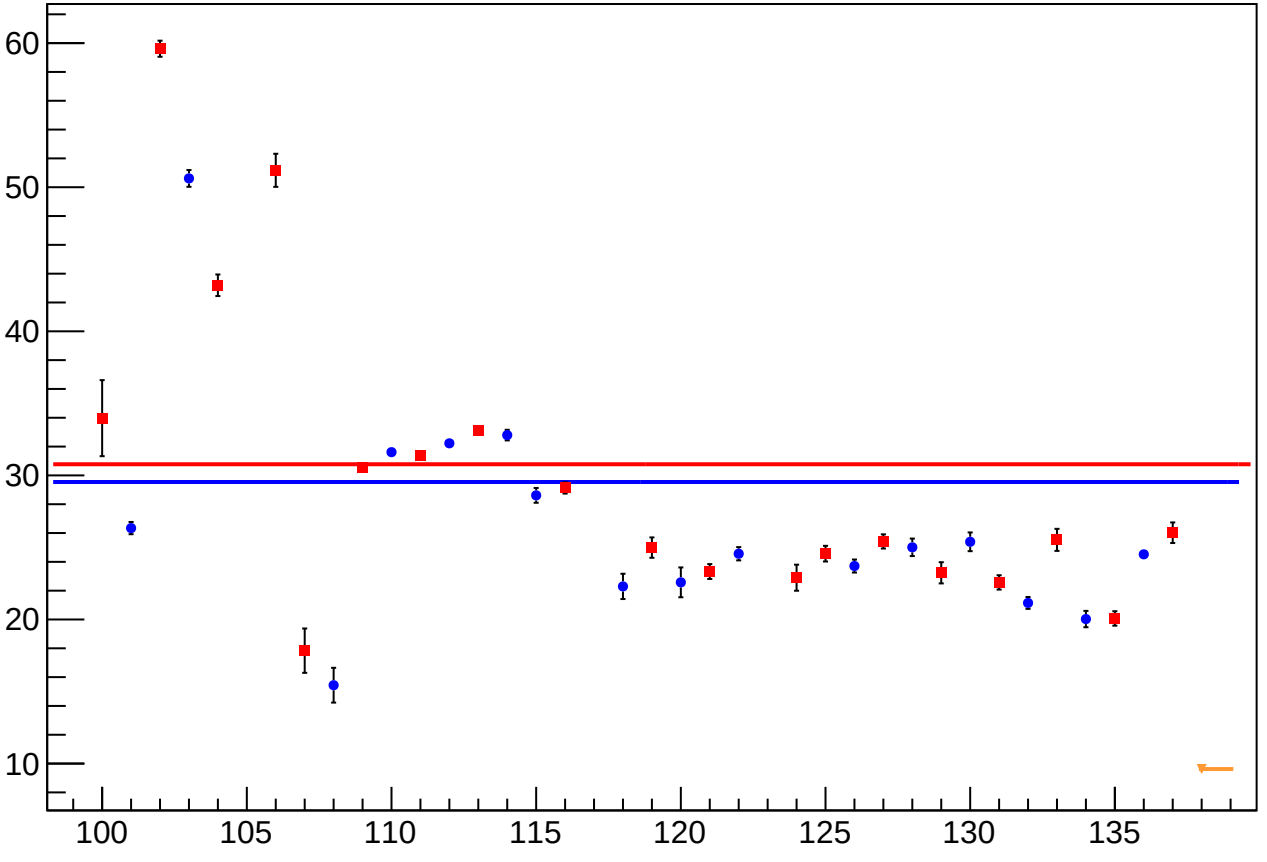
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.070+/-0.011 χ^2/NDF: 364.1/16

All: 0.079+/-0.008 χ^2/NDF: 765.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 29.542+/-0.092 χ^2/NDF: 3372.2/15

Left Out: 9.620+/-0.330 χ^2/NDF:0.0/0

Right Out: 30.774+/-0.080 χ^2/NDF: 5079.2/18

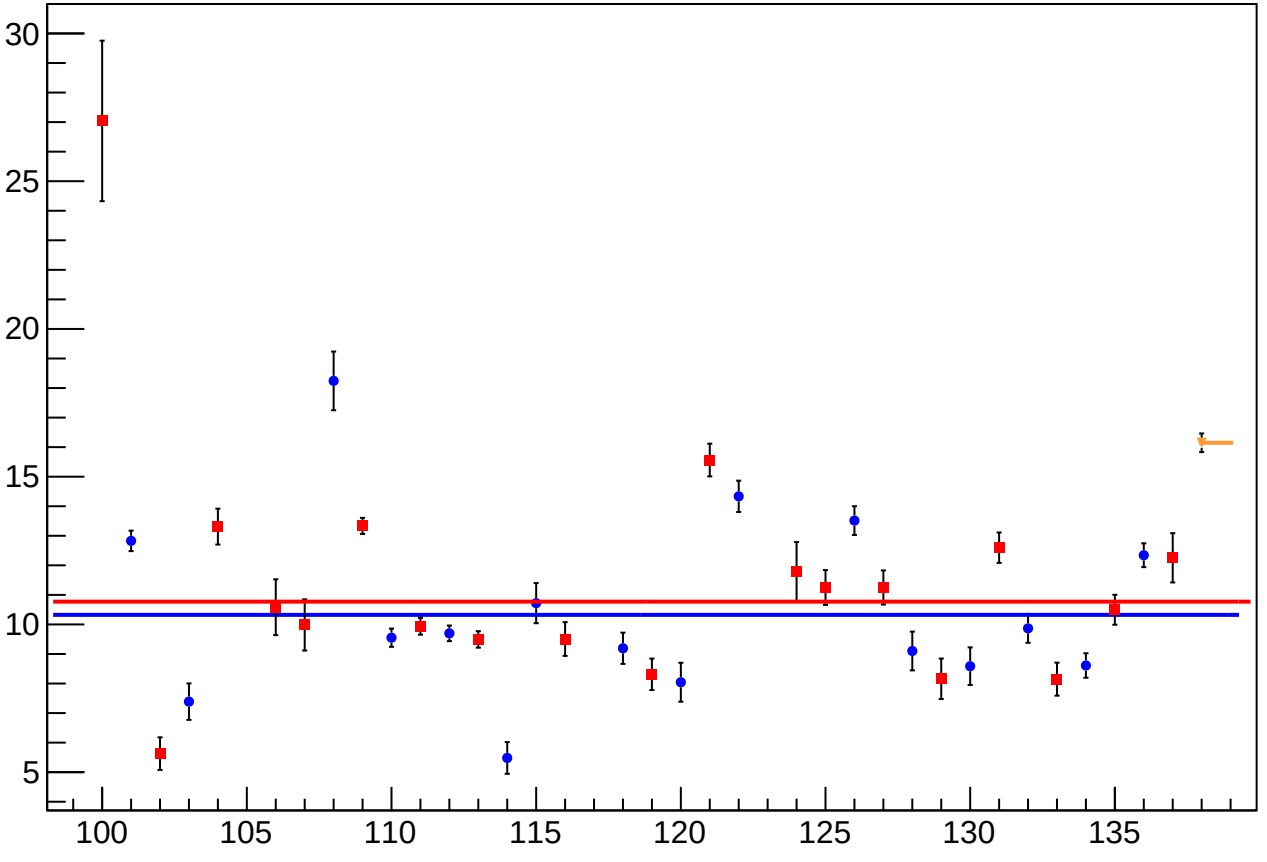
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 28.104+/-0.089 χ^2/NDF: 6760.1/16

All: 29.572+/-0.059 χ^2/NDF: 12338.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.324+/-0.114 χ^2/NDF: 402.6/15

Left Out: 16.148+/-0.316 χ^2/NDF:0.0/0

Right Out: 10.771+/-0.113 χ^2/NDF: 415.8/18

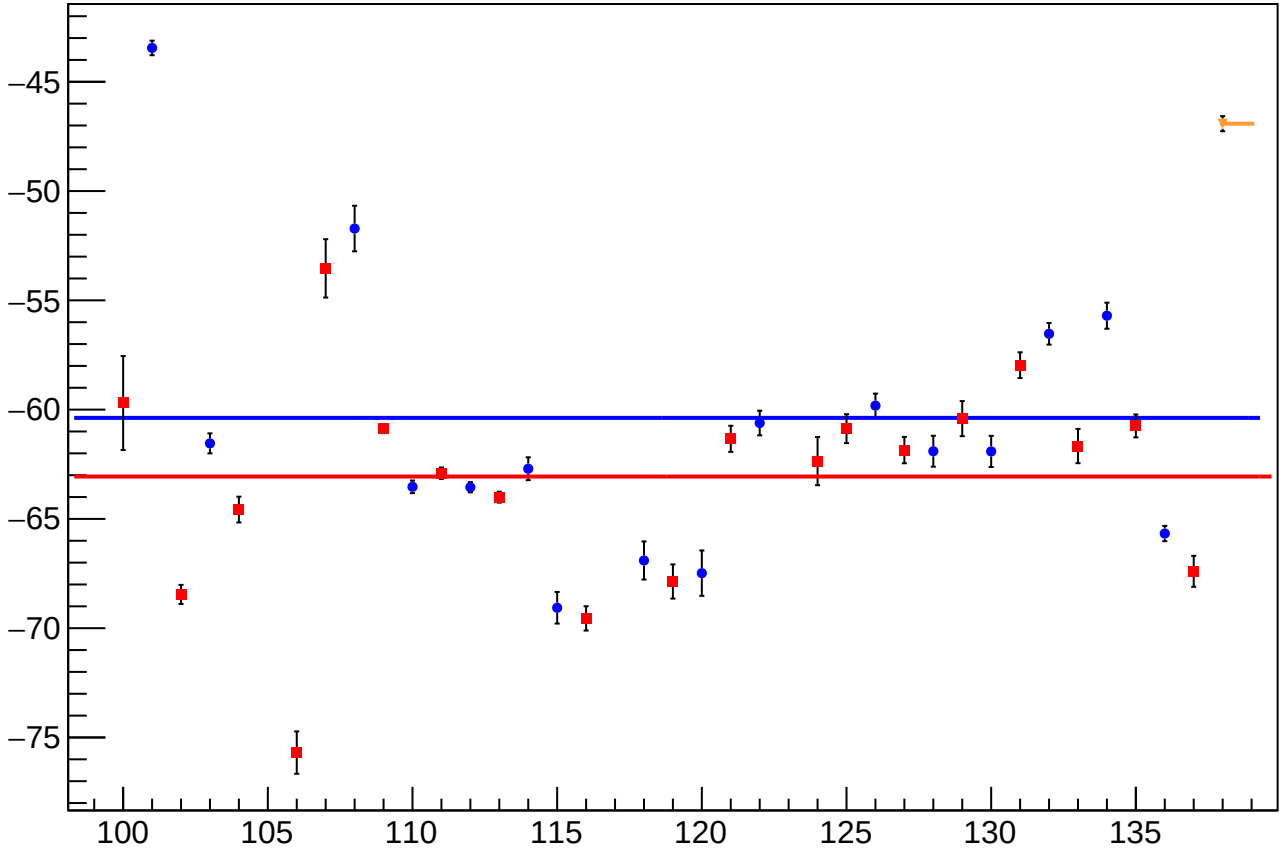
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.995+/-0.107 χ^2/NDF: 703.5/16

All: 10.889+/-0.078 χ^2/NDF: 1121.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -60.377+/-0.113 χ^2/NDF: 3597.6/15

Left Out: -46.918+/-0.344 χ^2/NDF:0.0/0

Right Out: -63.061+/-0.107 χ^2/NDF: 844.1/18

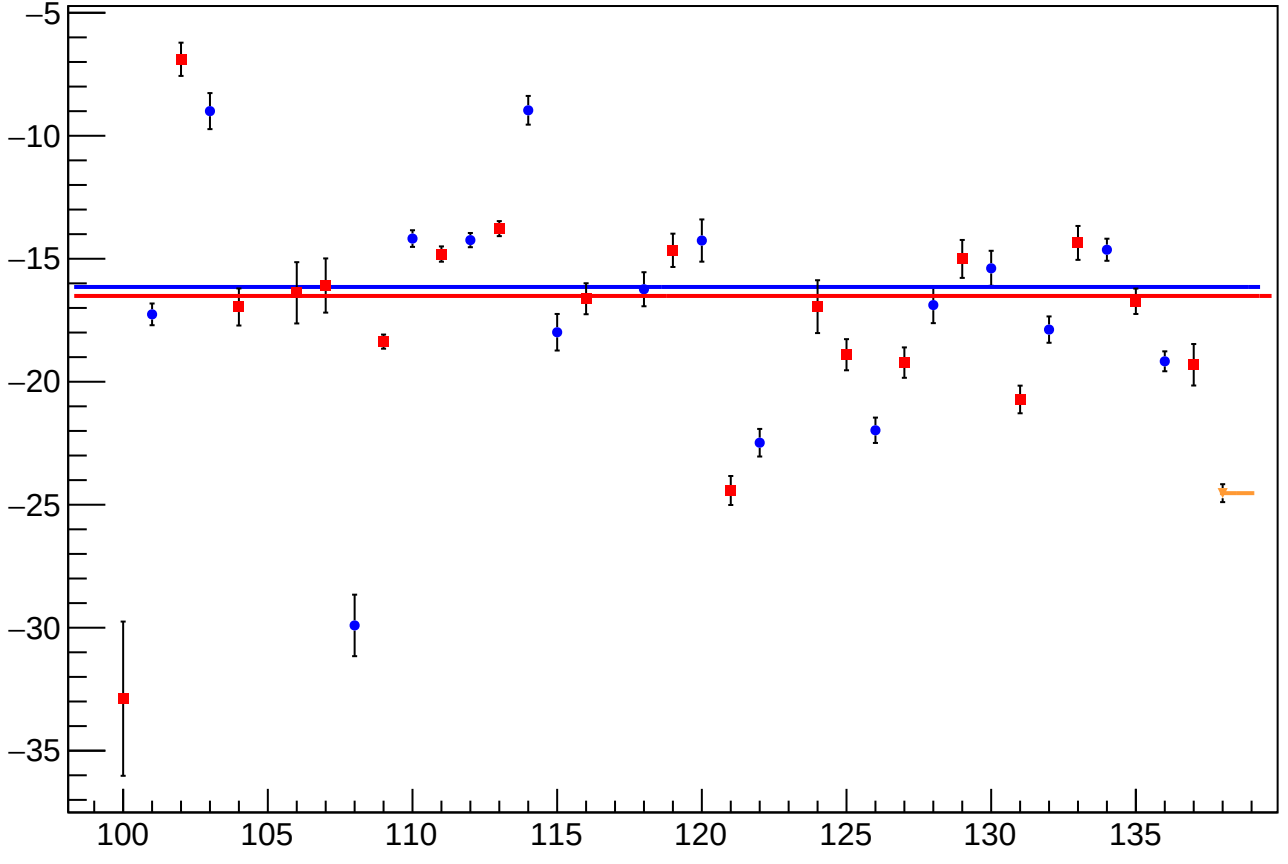
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -59.066+/-0.107 χ^2/NDF: 4980.0/16

All: -61.065+/-0.076 χ^2/NDF: 6517.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.147+/-0.127 χ^2/NDF: 797.1/15

Left Out: -24.530+/-0.364 χ^2/NDF:0.0/0

Right Out: -16.512+/-0.125 χ^2/NDF: 684.7/18

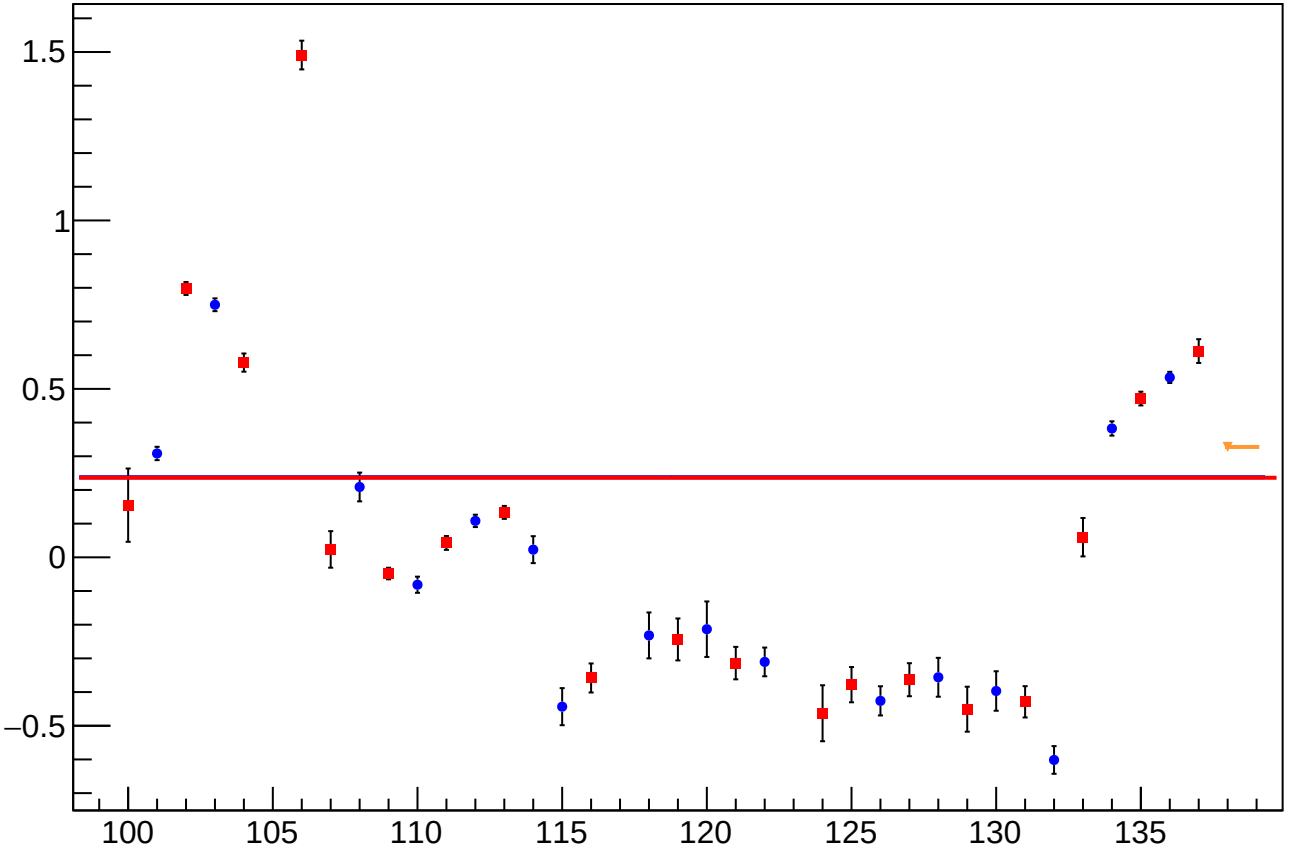
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -17.057+/-0.120 χ^2/NDF: 1269.0/16

All: -16.795+/-0.086 χ^2/NDF: 1963.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.238+/-0.007 χ^2/NDF: 2632.9/15

Left Out: 0.328+/-0.014 χ^2/NDF:0.0/0

Right Out: 0.236+/-0.007 χ^2/NDF: 3595.0/18

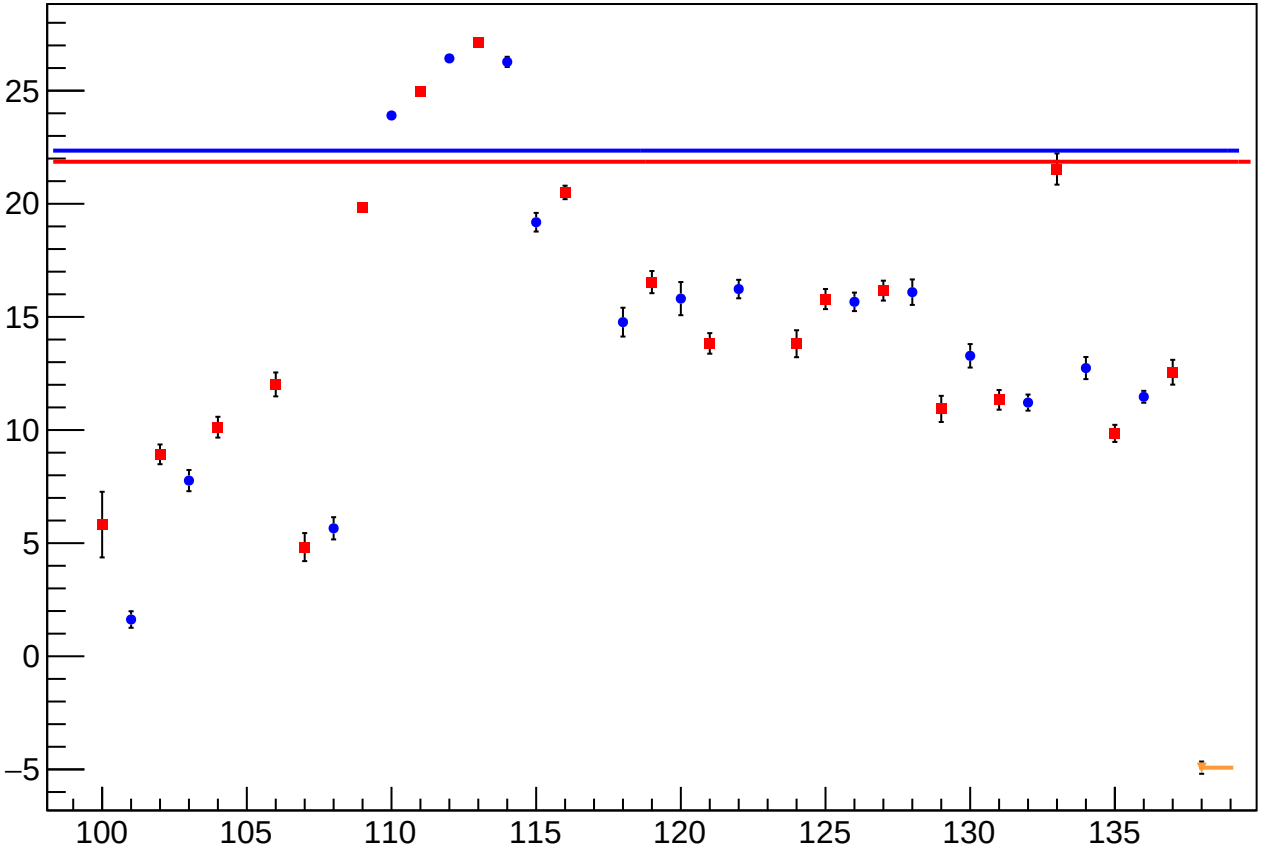
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.256+/-0.006 χ^2/NDF: 2666.2/16

All: 0.247+/-0.005 χ^2/NDF: 6265.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 22.350+/-0.057 χ^2/NDF: 12336.9/15

Left Out: -4.923+/-0.271 χ^2/NDF:0.0/0

Right Out: 21.859+/-0.046 χ^2/NDF: 10692.4/18

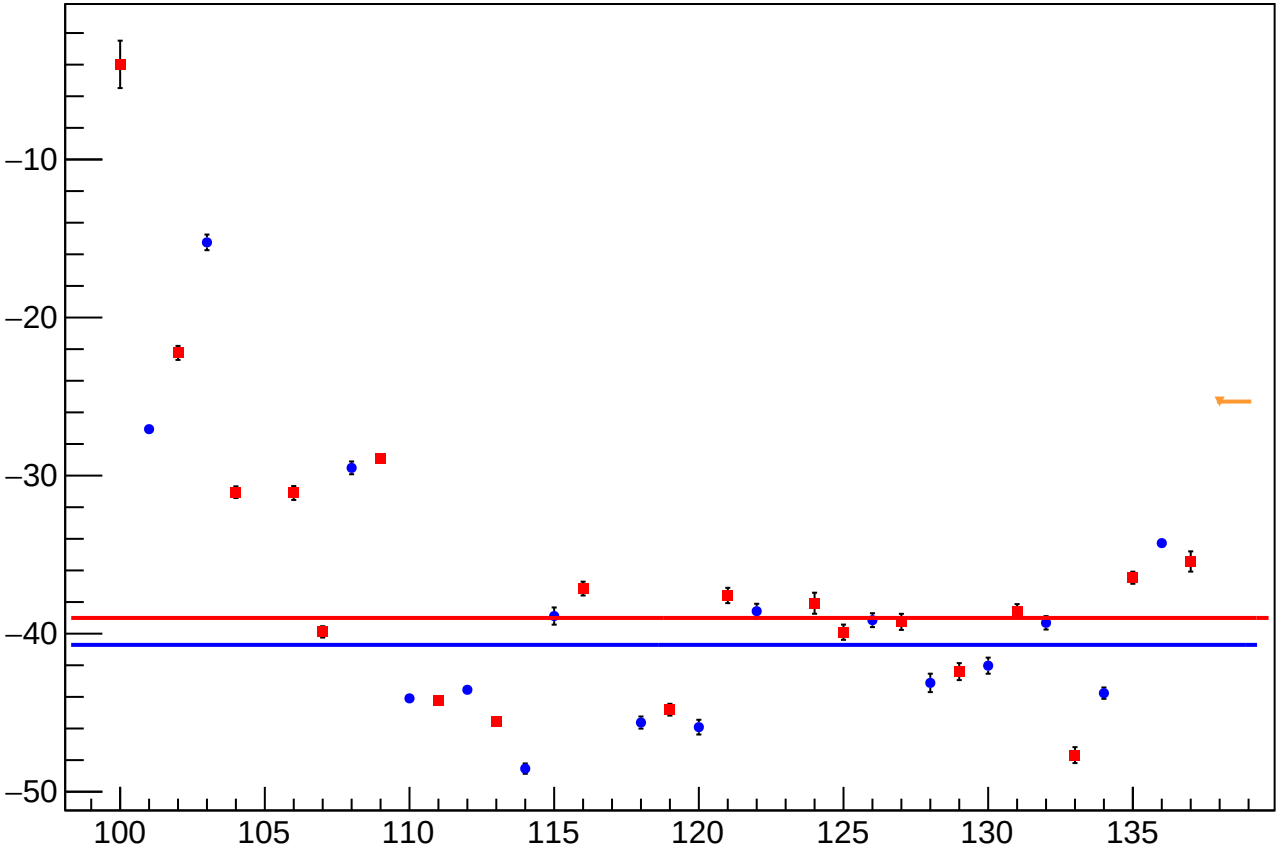
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 21.212+/-0.055 χ^2/NDF: 22044.4/16

All: 21.593+/-0.036 χ^2/NDF: 32817.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -40.709+/-0.076 χ^2/NDF: 7780.4/15

Left Out: -25.316+/-0.262 χ^2/NDF:0.0/0

Right Out: -39.005+/-0.071 χ^2/NDF: 10101.3/18

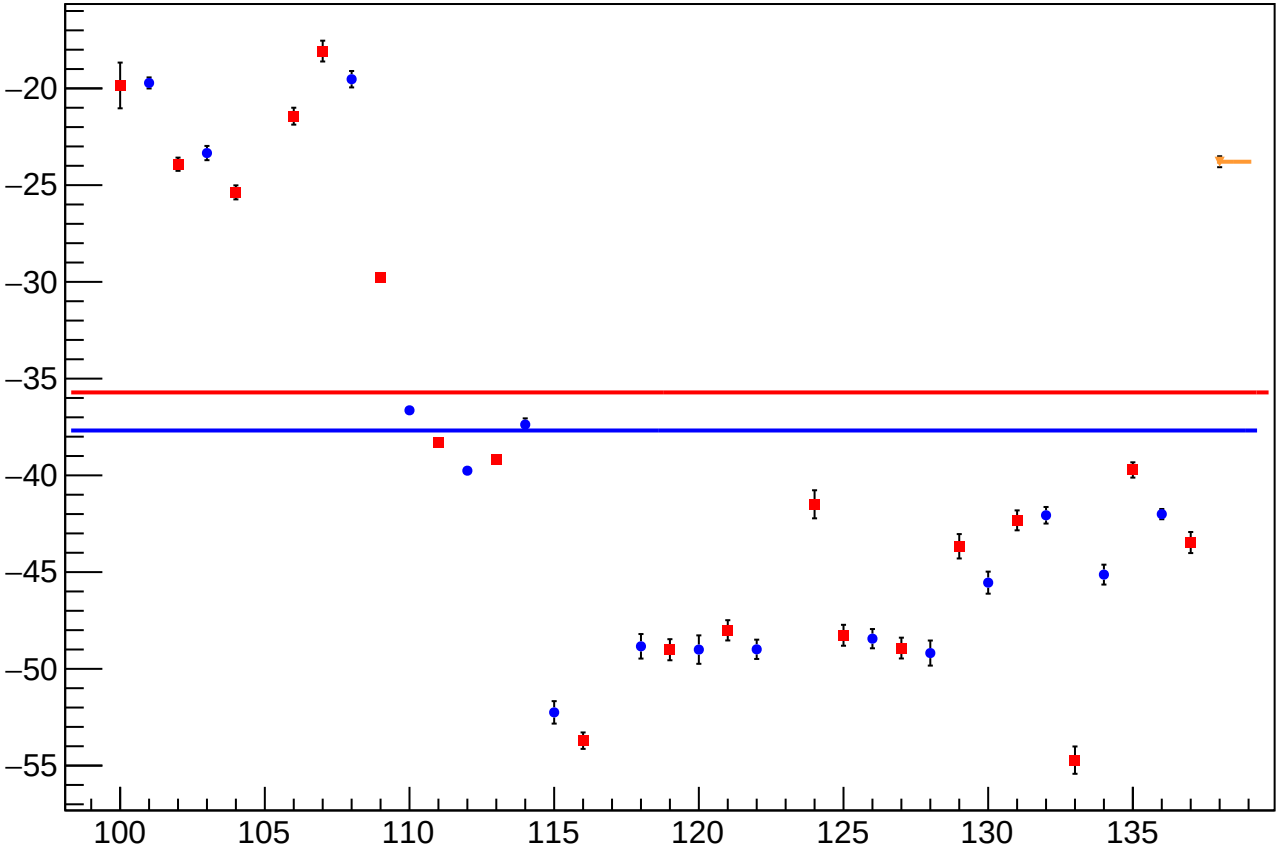
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -39.499+/-0.073 χ^2/NDF: 10962.4/16

All: -39.244+/-0.051 χ^2/NDF: 21087.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -37.681+/-0.074 χ^2/NDF: 10853.9/15

Left Out: -23.790+/-0.283 χ^2/NDF:0.0/0

Right Out: -35.714+/-0.064 χ^2/NDF: 13274.5/18

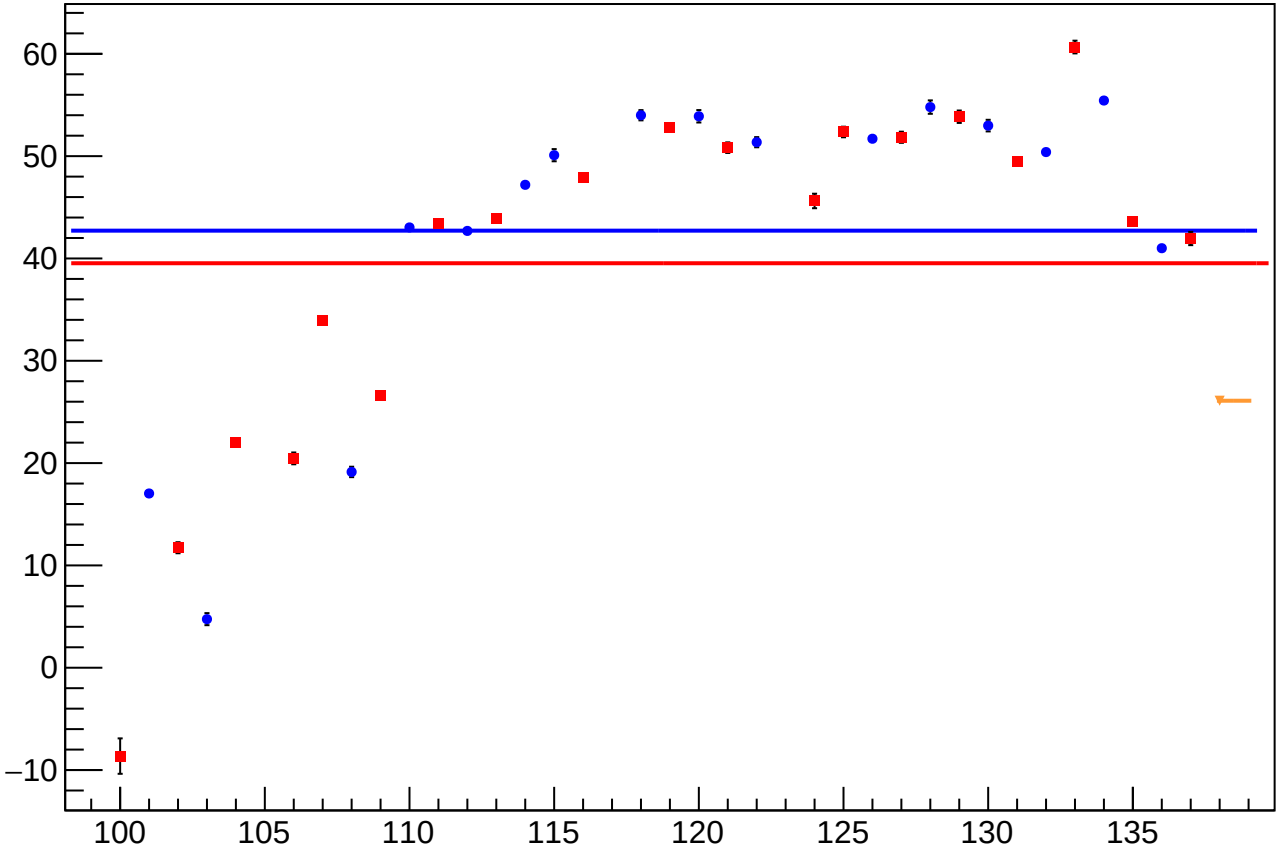
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -36.796+/-0.071 χ^2/NDF: 13115.0/16

All: -36.199+/-0.048 χ^2/NDF: 26516.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.718+/-0.085 χ^2/NDF: 14765.0/15

Left Out: 26.096+/-0.301 χ^2/NDF:0.0/0

Right Out: 39.533+/-0.078 χ^2/NDF: 17978.2/18

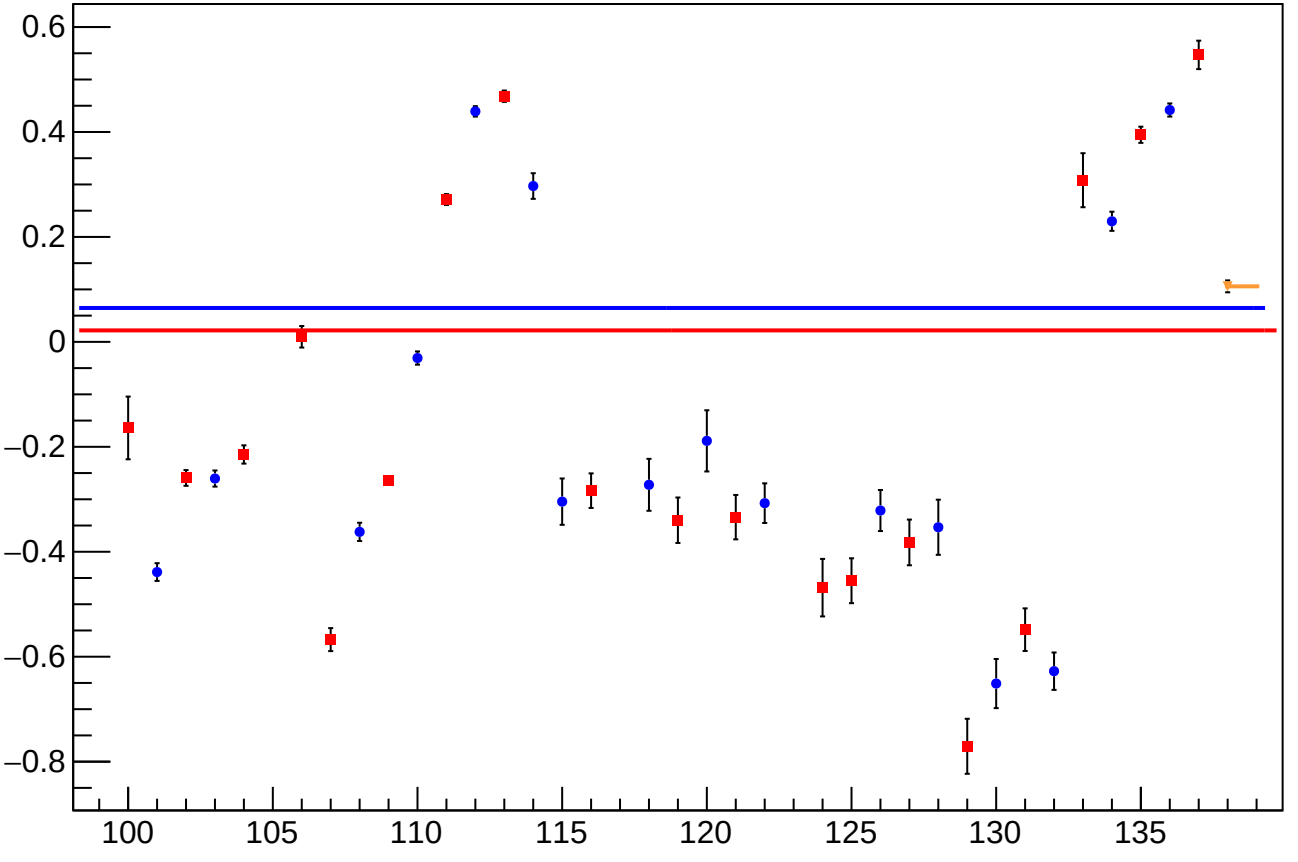
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.491+/-0.082 χ^2/NDF: 17583.1/16

All: 40.467+/-0.057 χ^2/NDF: 35860.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: 0.065+/-0.005 χ^2/NDF: 5497.5/15

Left Out: 0.106+/-0.011 χ^2/NDF:0.0/0

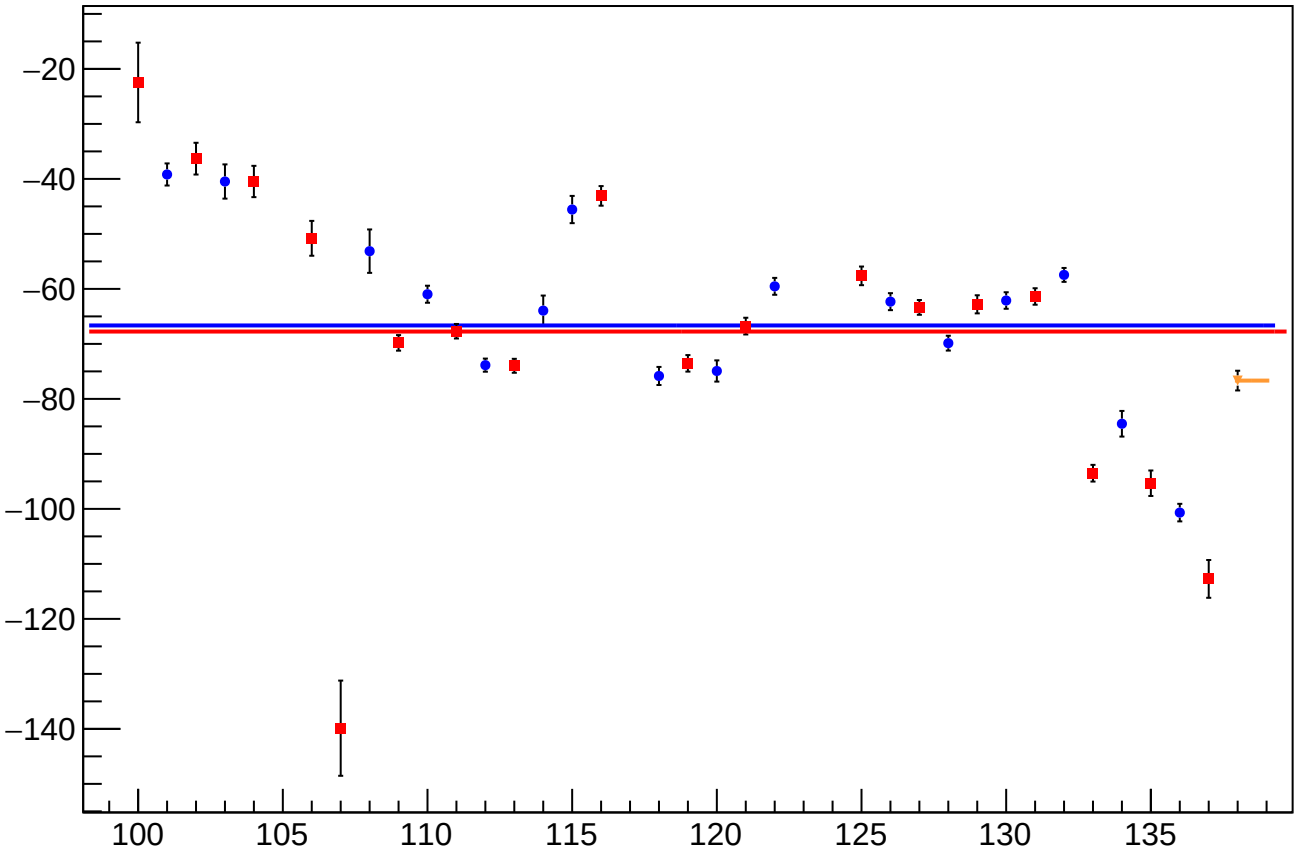
Right Out: 0.022+/-0.004 χ^2/NDF: 6405.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.071+/-0.004 χ^2/NDF: 5508.6/16

All: 0.046+/-0.003 χ^2/NDF: 11975.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -66.648+/-0.426 χ^2/NDF: 1052.4/15

Left Out: -76.672+/-1.794 χ^2/NDF:0.0/0

Right Out: -67.755+/-0.419 χ^2/NDF: 1255.4/17

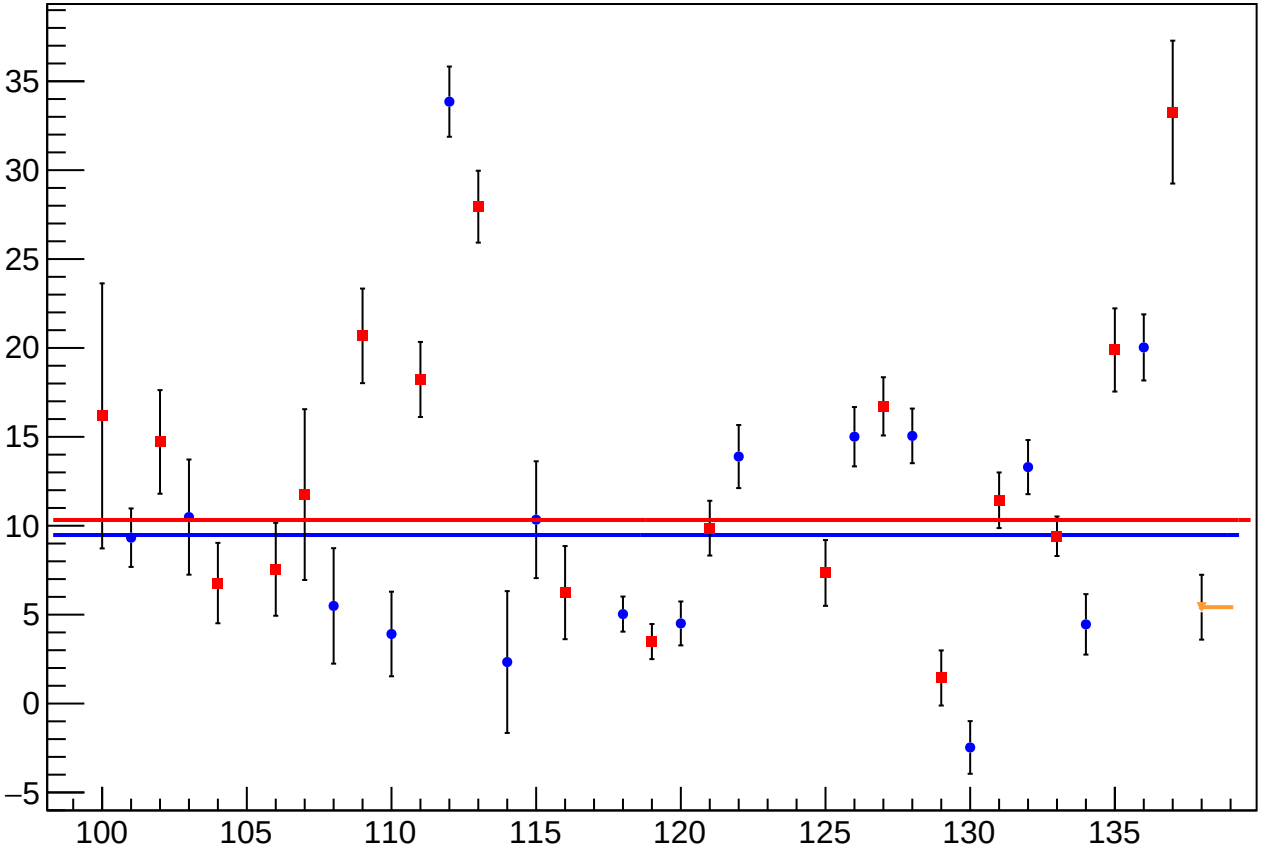
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -67.183+/-0.415 χ^2/NDF: 1082.0/16

All: -67.466+/-0.295 χ^2/NDF: 2338.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 9.480+/-0.428 χ^2/NDF: 341.9/15

Left Out: 5.419+/-1.824 χ^2/NDF:0.0/0

Right Out: 10.324+/-0.436 χ^2/NDF: 263.4/17

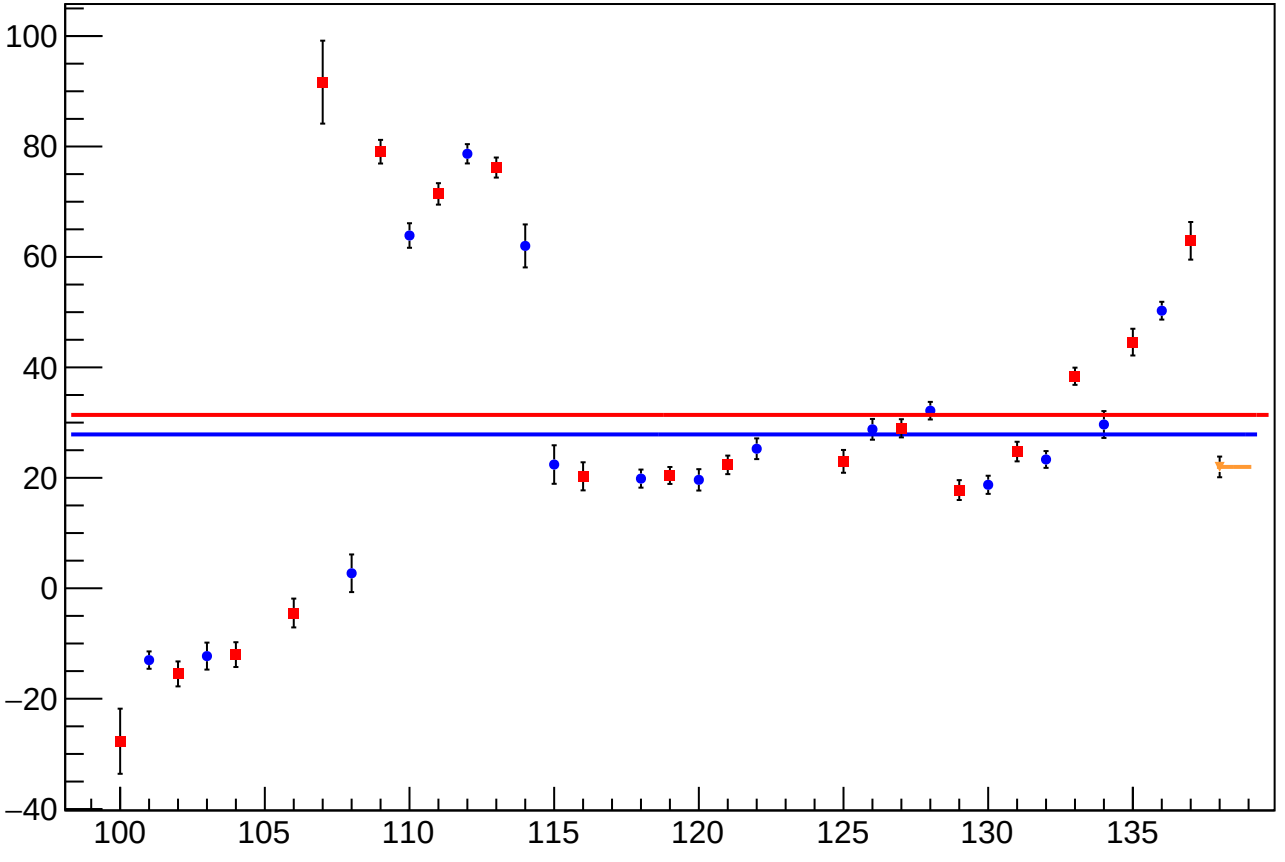
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9.268+/-0.417 χ^2/NDF: 346.6/16

All: 9.773+/-0.301 χ^2/NDF: 613.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 27.860+/-0.482 χ^2/NDF: 2474.0/15

Left Out: 21.976+/-1.872 χ^2/NDF:0.0/0

Right Out: 31.394+/-0.488 χ^2/NDF: 3011.4/17

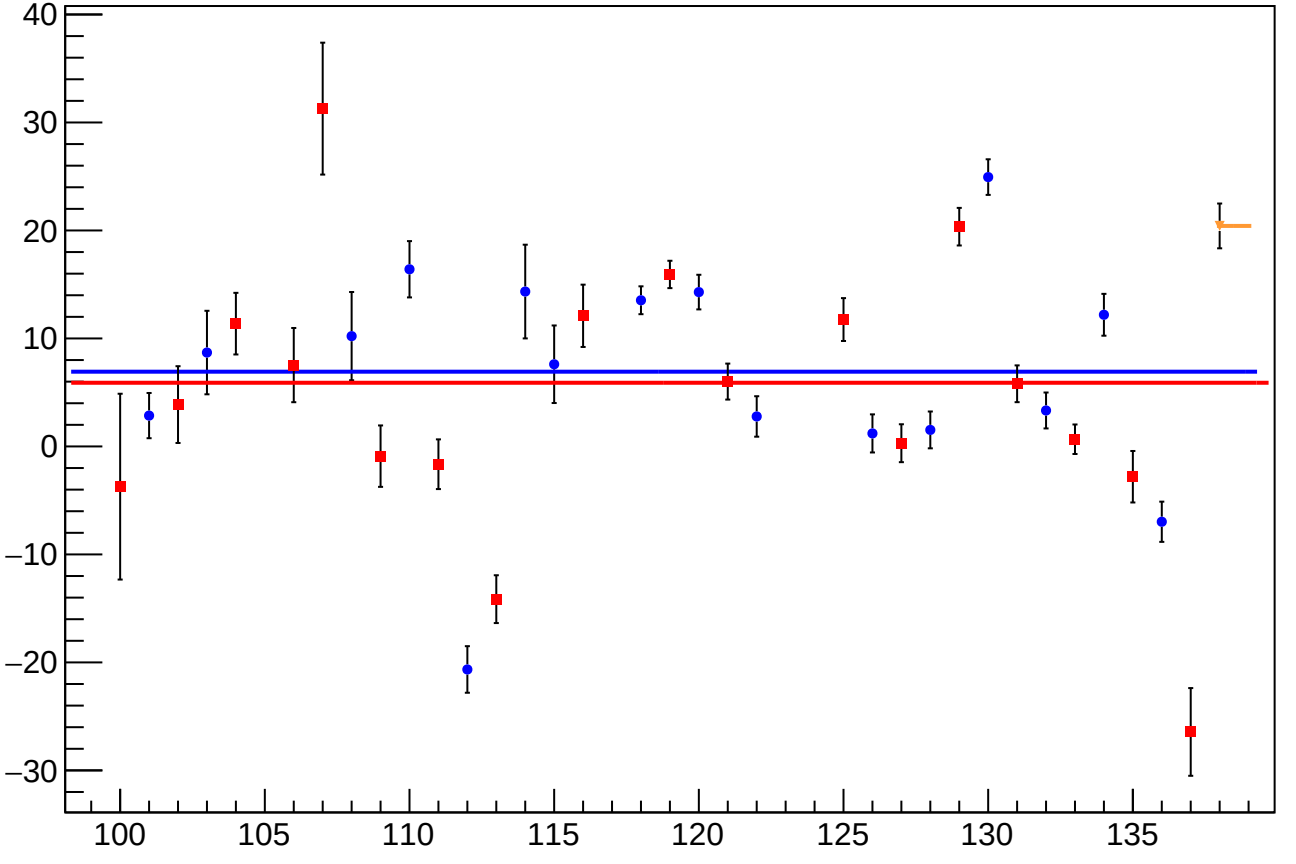
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.493+/-0.467 χ^2/NDF: 2483.2/16

All: 29.360+/-0.337 χ^2/NDF: 5528.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 6.922+/-0.496 χ^2/NDF: 444.3/15

Left Out: 20.420+/-2.074 χ^2/NDF:0.0/0

Right Out: 5.896+/-0.502 χ^2/NDF: 367.7/17

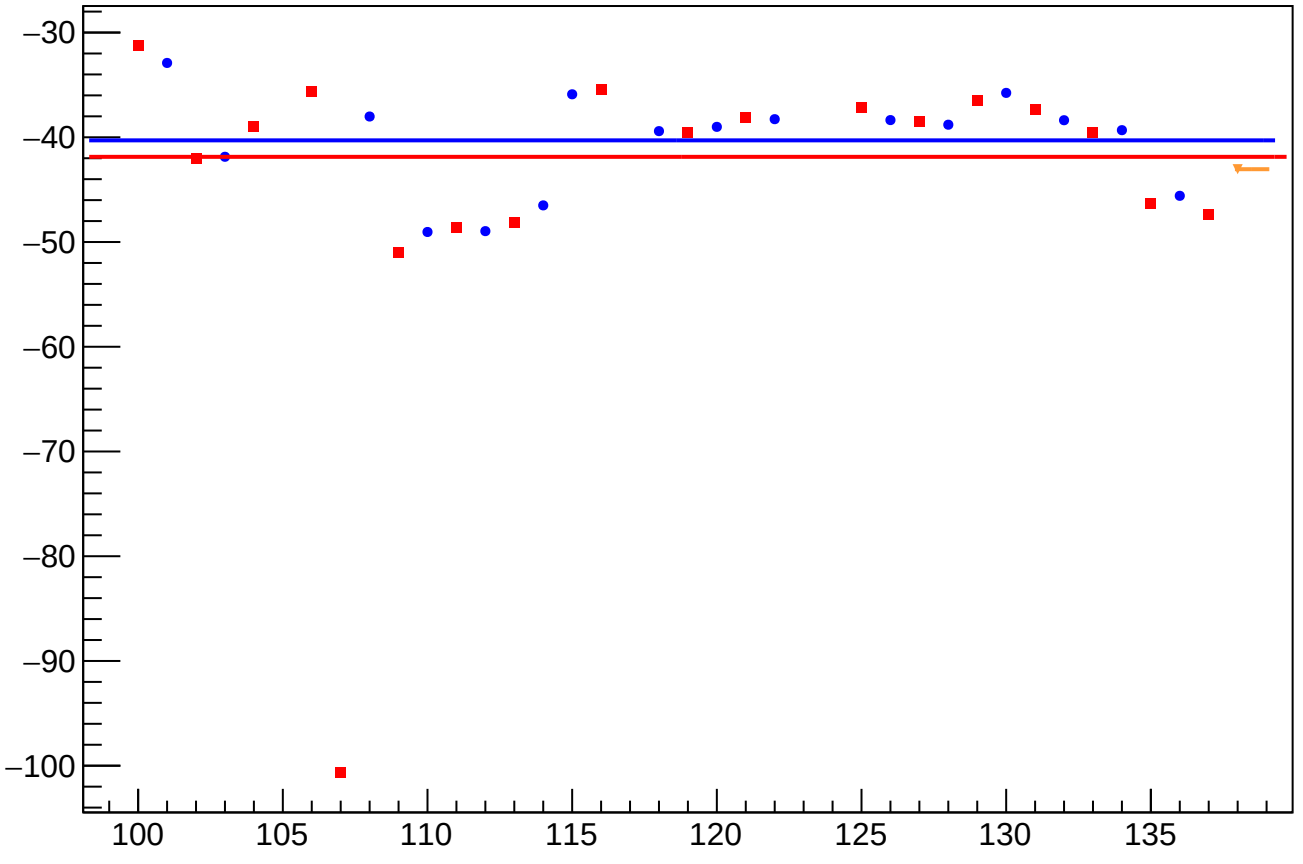
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.651+/-0.482 χ^2/NDF: 484.4/16

All: 6.809+/-0.348 χ^2/NDF: 858.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.293+/-0.031 χ^2/NDF: 20663.5/15

Left Out: -43.047+/-0.074 χ^2/NDF:0.0/0

Right Out: -41.867+/-0.032 χ^2/NDF: 58734.8/17

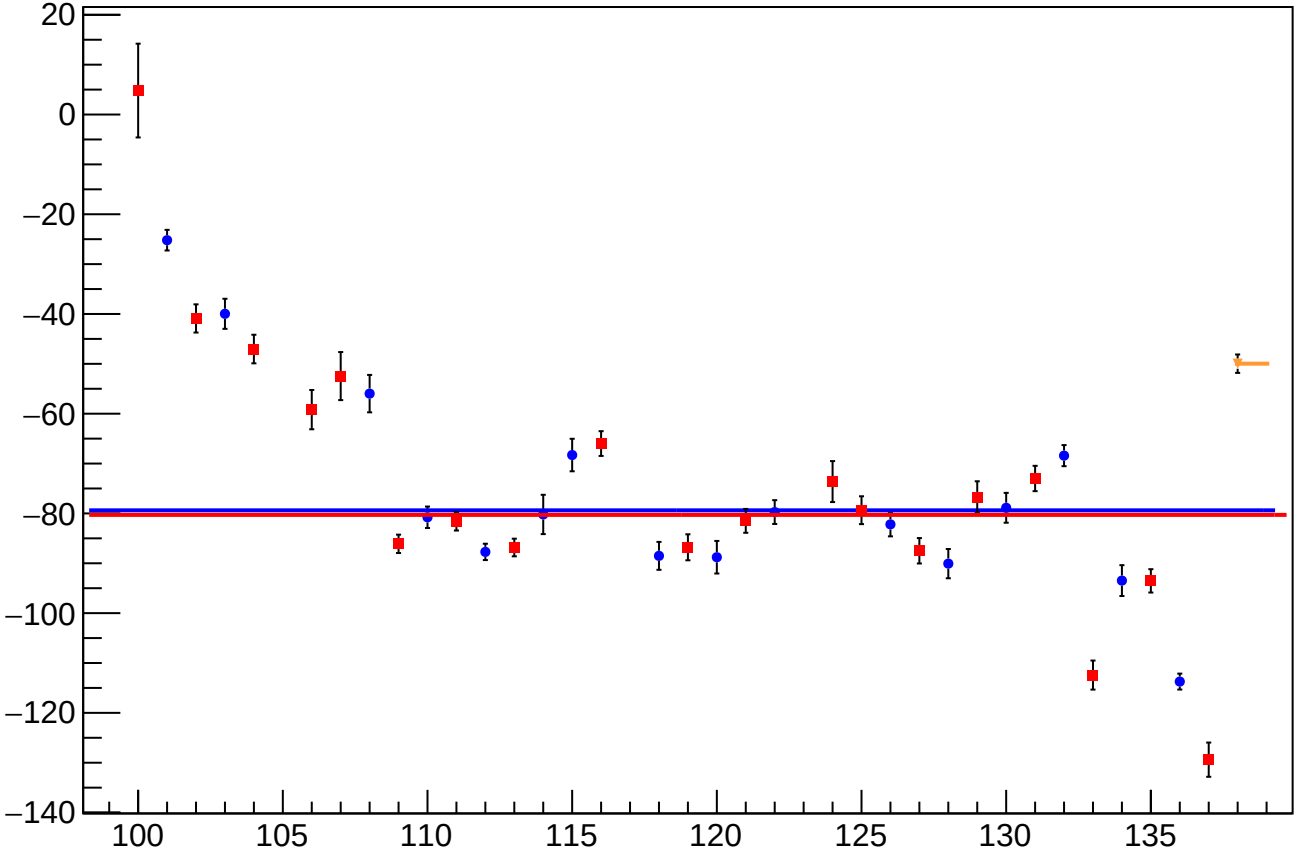
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -40.709+/-0.029 χ^2/NDF: 21824.9/16

All: -41.228+/-0.021 χ^2/NDF: 81277.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -79.382+/-0.611 χ^2/NDF: 1475.9/15

Left Out: -49.969+/-1.846 χ^2/NDF:0.0/0

Right Out: -80.294+/-0.604 χ^2/NDF: 914.7/18

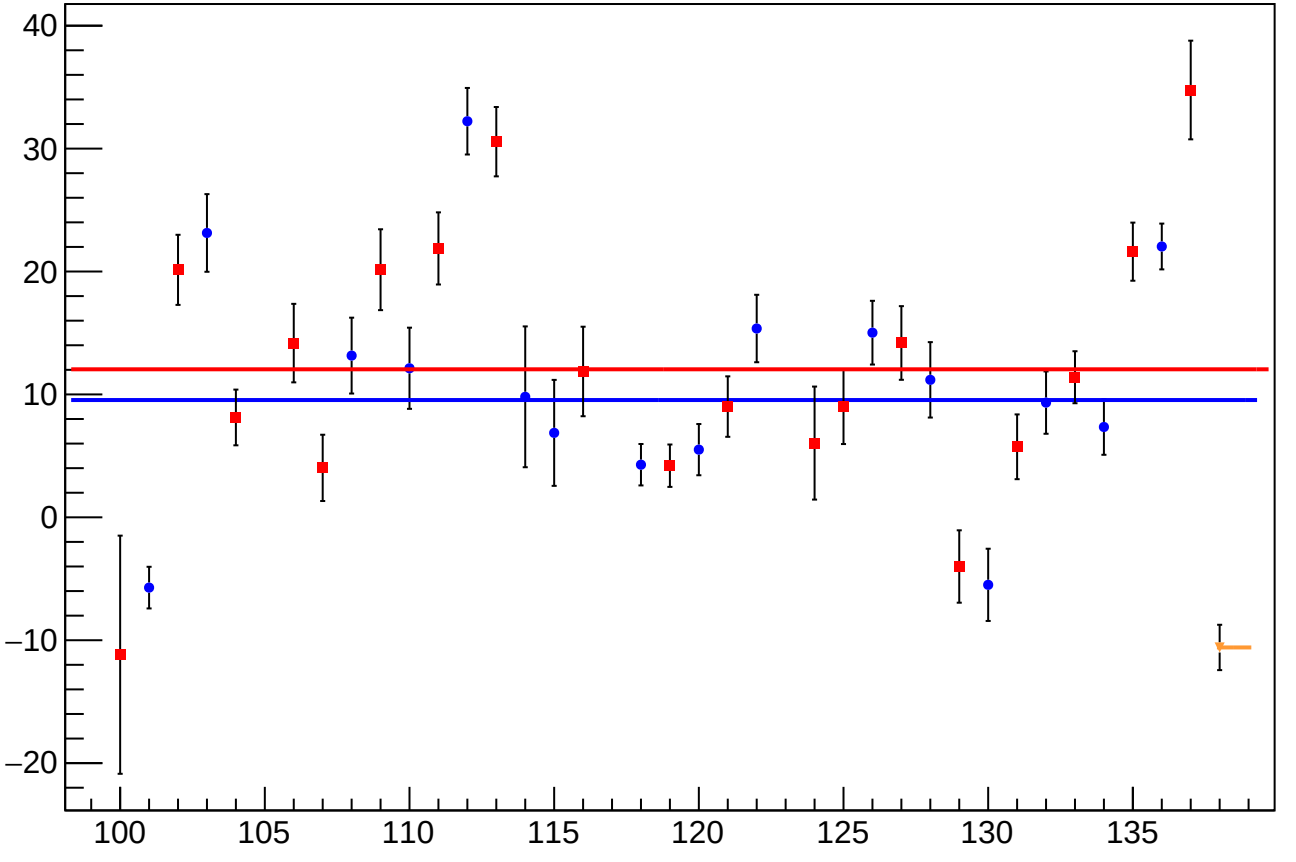
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -76.478+/-0.580 χ^2/NDF: 1704.6/16

All: -78.309+/-0.418 χ^2/NDF: 2640.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 9.543+/-0.621 χ^2/NDF: 267.1/15

Left Out: -10.587+/-1.845 χ^2/NDF:0.0/0

Right Out: 12.044+/-0.637 χ^2/NDF: 195.8/18

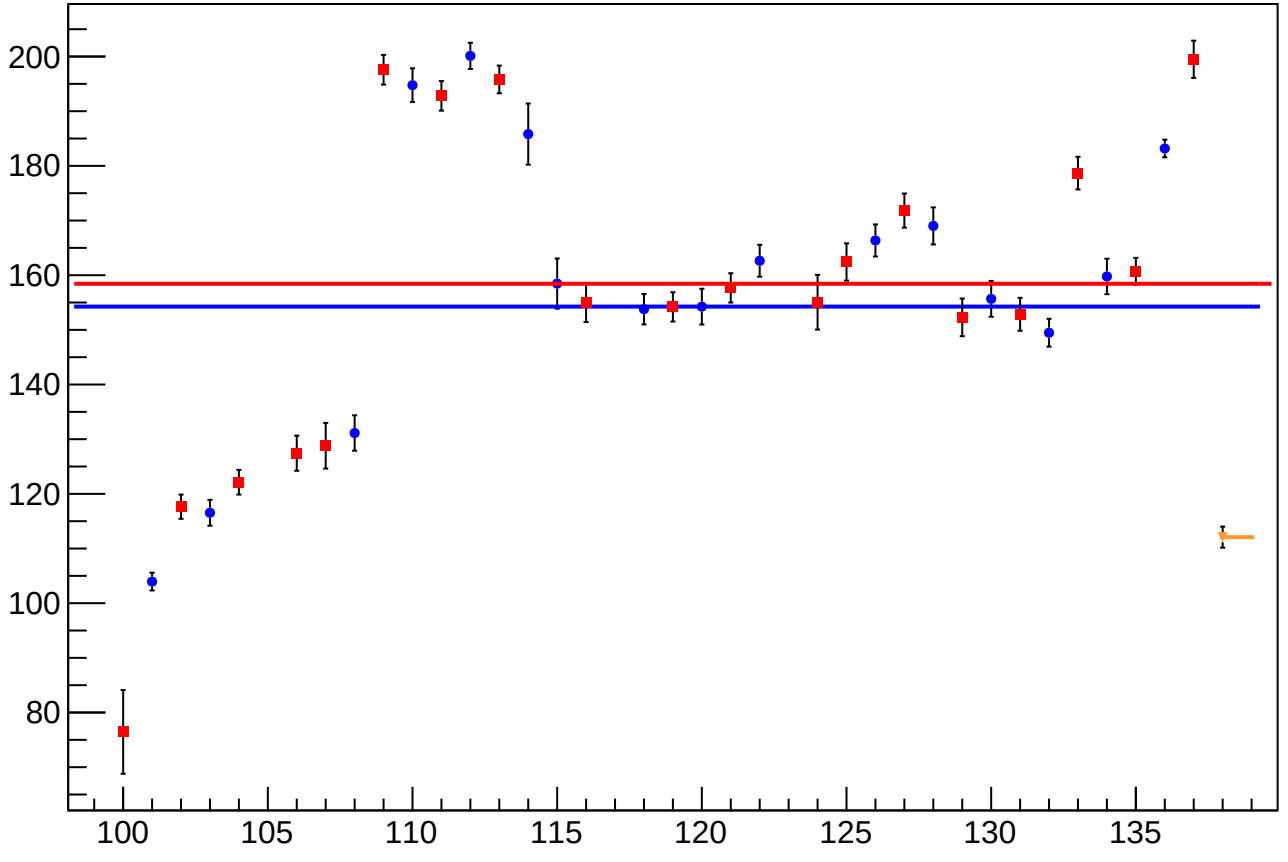
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.492+/-0.589 χ^2/NDF: 374.0/16

All: 9.589+/-0.432 χ^2/NDF: 597.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 154.260+/-0.662 χ^2/NDF: 2213.7/15

Left Out: 112.082+/-1.927 χ^2/NDF:0.0/0

Right Out: 158.435+/-0.683 χ^2/NDF: 1664.2/18

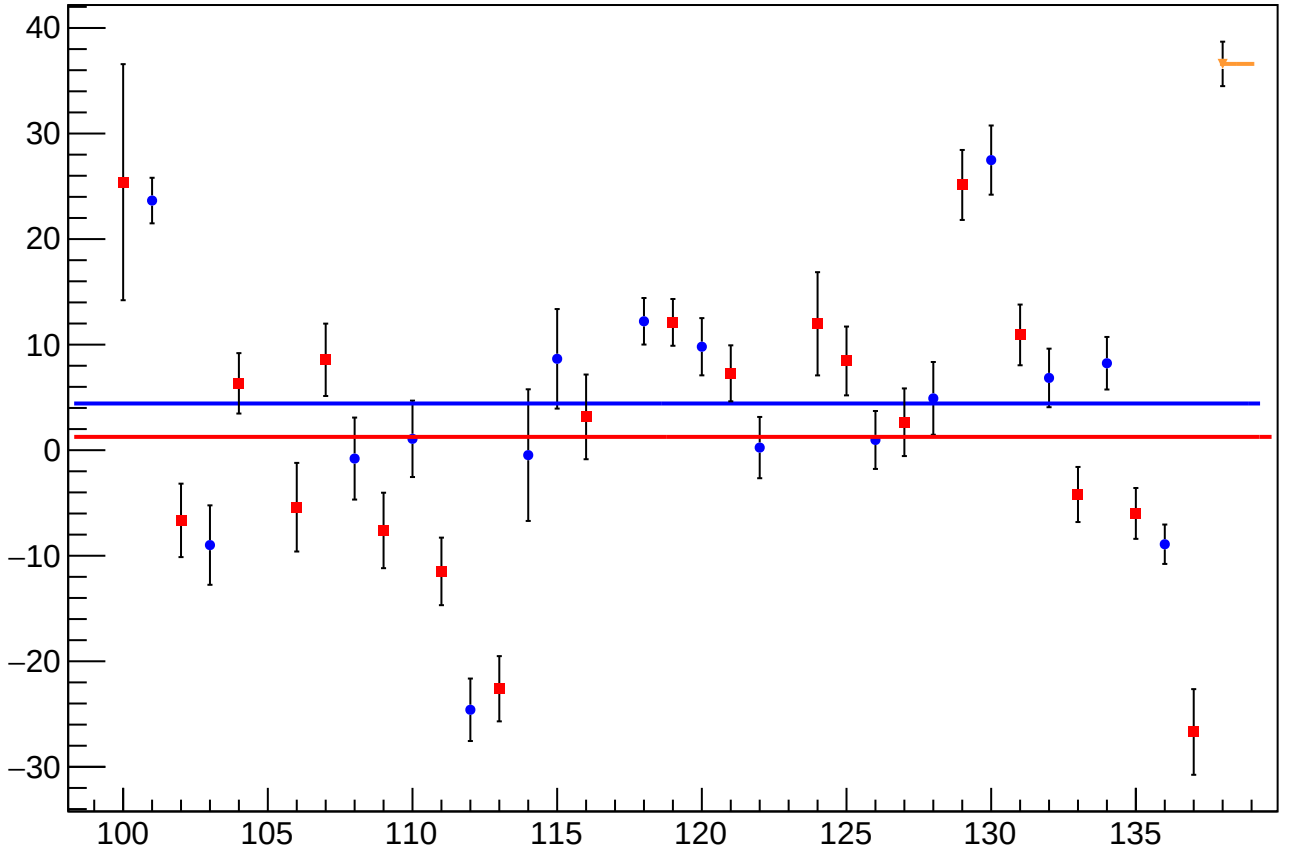
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 149.809+/-0.626 χ^2/NDF: 2642.4/16

All: 153.748+/-0.461 χ^2/NDF: 4393.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 4.424+/-0.714 χ^2/NDF: 316.1/15

Left Out: 36.597+/-2.106 χ^2/NDF:0.0/0

Right Out: 1.260+/-0.732 χ^2/NDF: 264.9/18

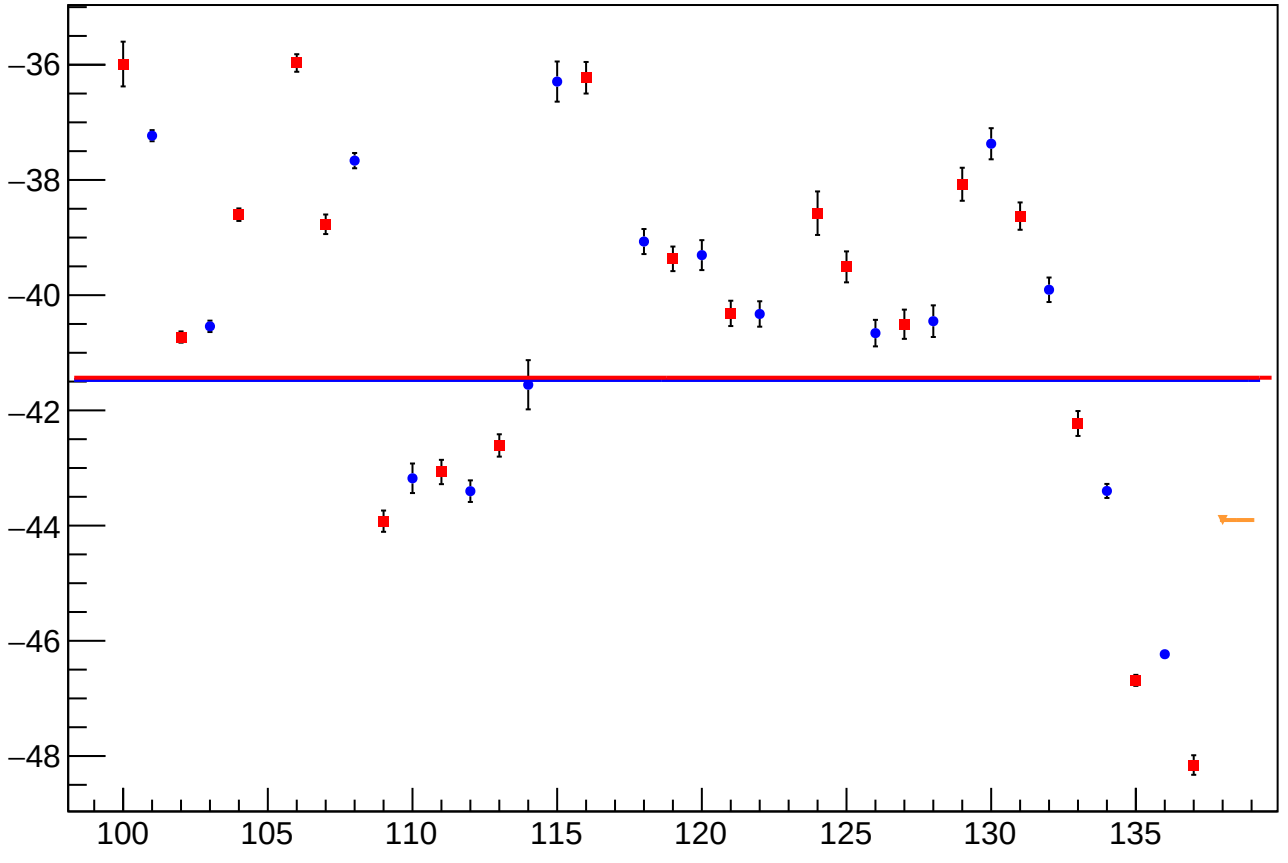
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.740+/-0.676 χ^2/NDF: 525.4/16

All: 4.755+/-0.497 χ^2/NDF: 832.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.472+/-0.038 χ^2/NDF: 7912.0/15

Left Out: -43.903+/-0.077 χ^2/NDF:0.0/0

Right Out: -41.433+/-0.040 χ^2/NDF: 8225.4/18

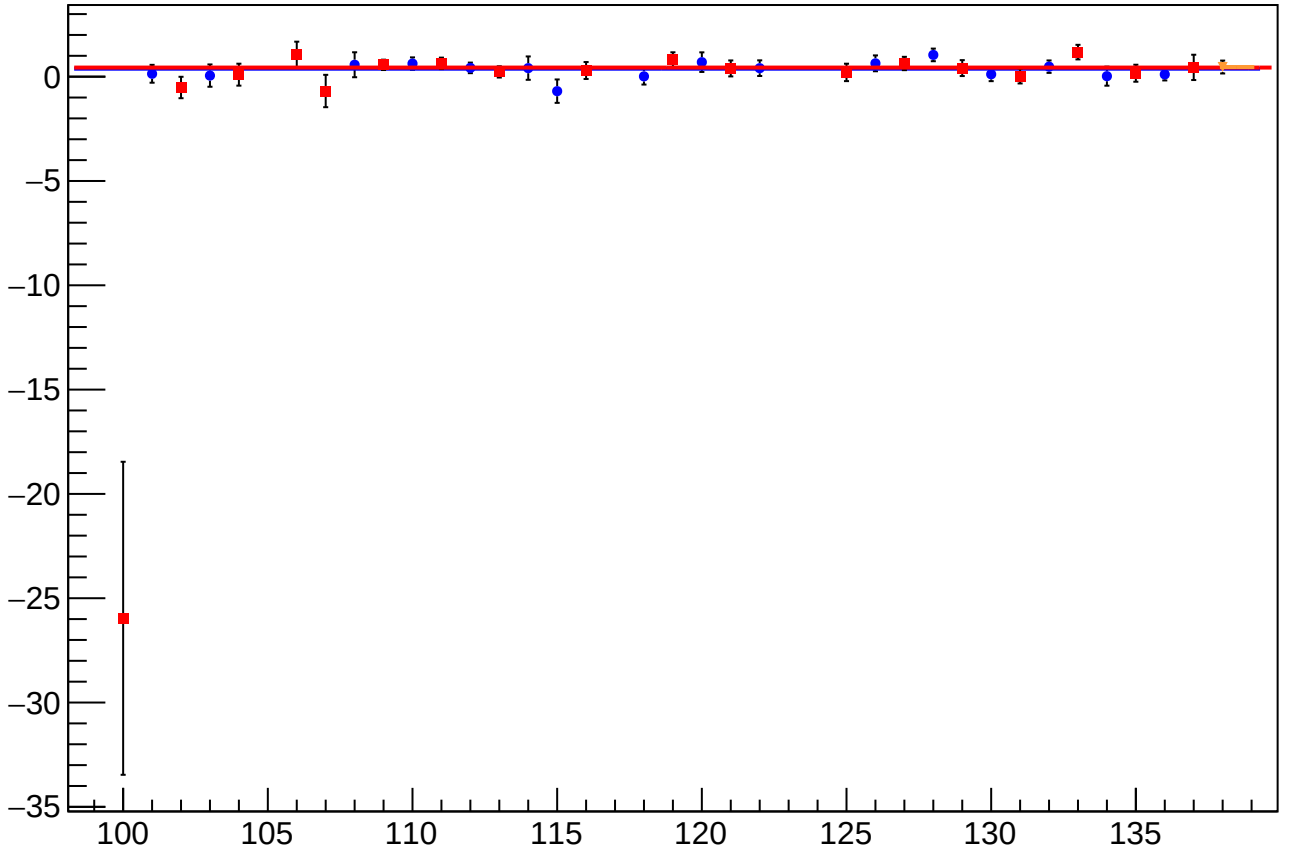
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -41.950+/-0.034 χ^2/NDF: 8712.9/16

All: -41.729+/-0.026 χ^2/NDF: 17036.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.382+/-0.092 χ^2/NDF: 14.0/15

Left Out: 0.462+/-0.309 χ^2/NDF:0.0/0

Right Out: 0.436+/-0.090 χ^2/NDF: 29.0/17

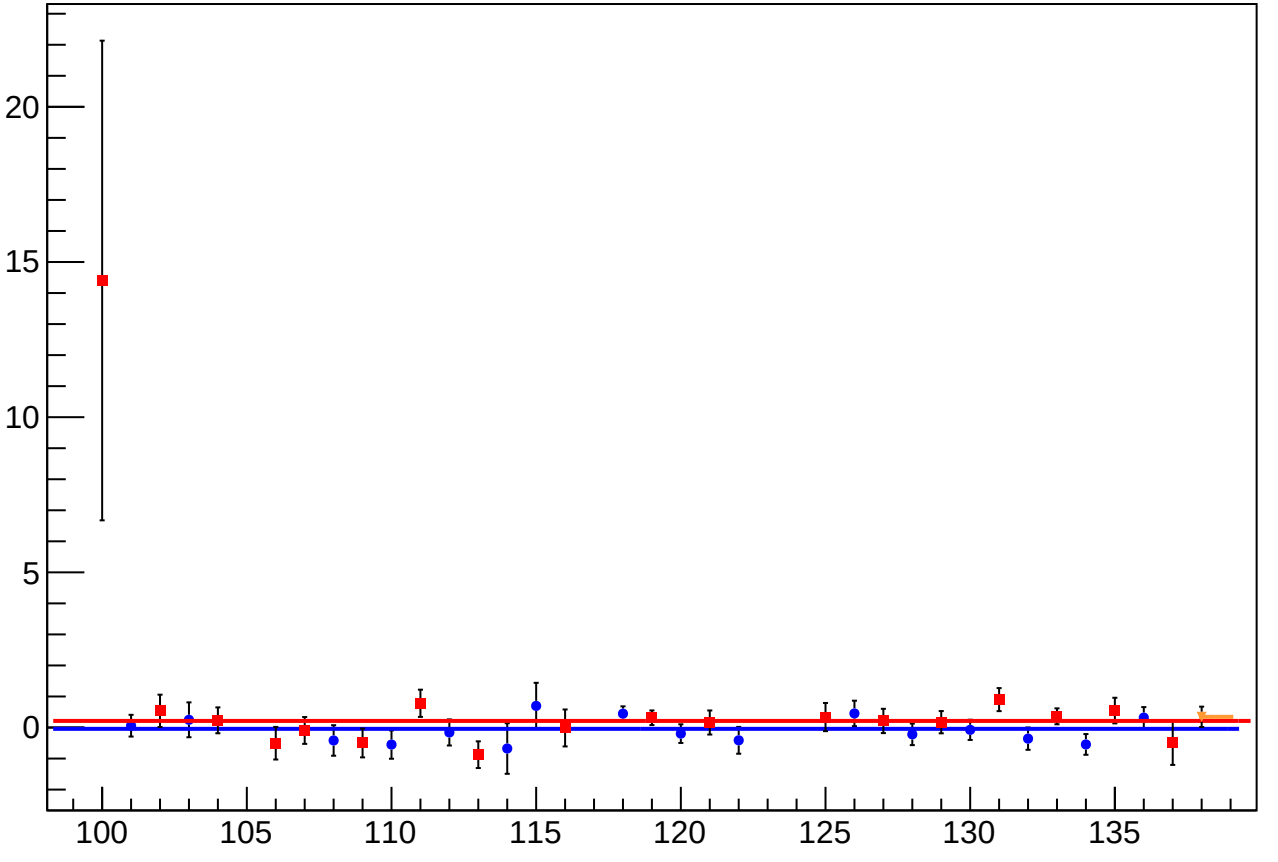
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.389+/-0.088 χ^2/NDF: 14.1/16

All: 0.412+/-0.063 χ^2/NDF: 43.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.043+/-0.094 χ^2/NDF: 15.0/15

Left Out: 0.344+/-0.328 χ^2/NDF:0.0/0

Right Out: 0.213+/-0.095 χ^2/NDF: 22.4/17

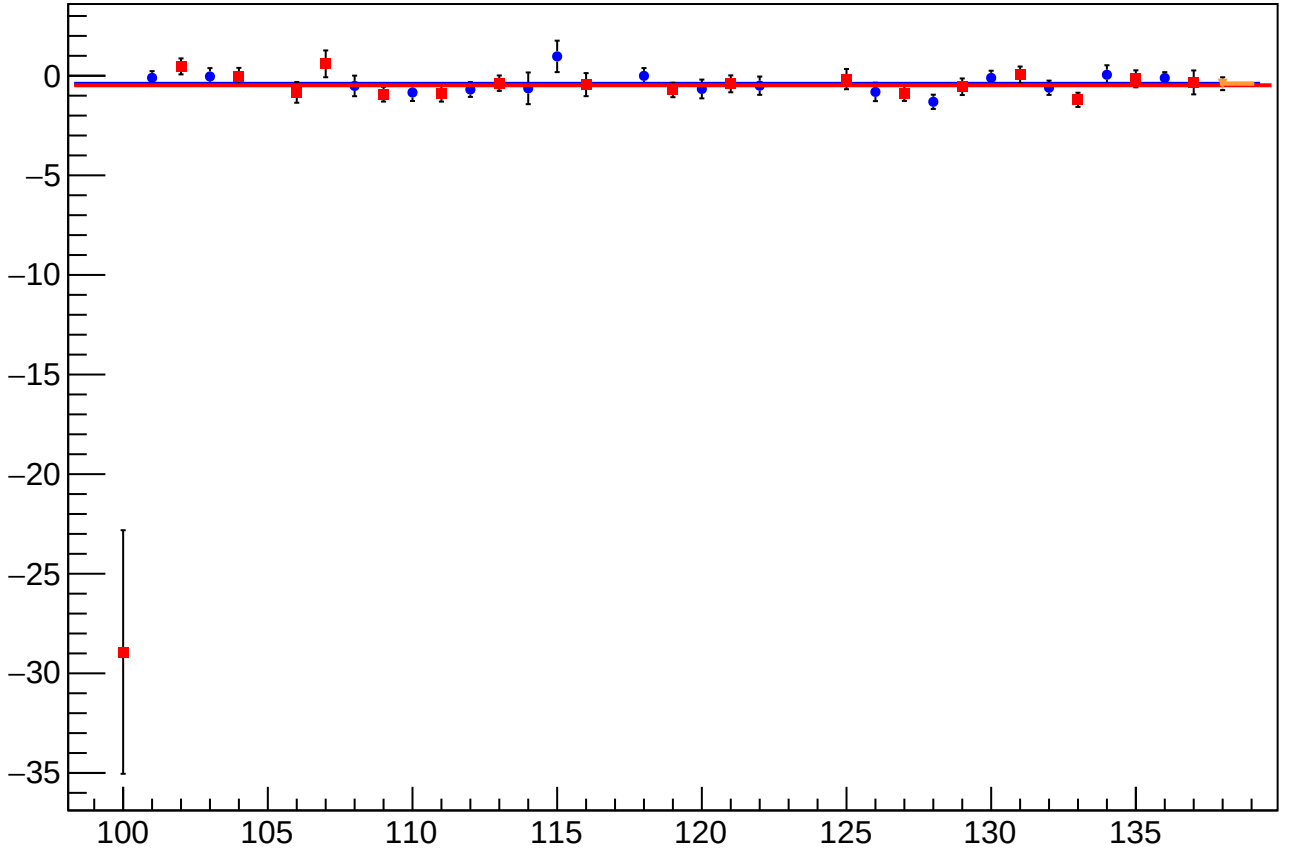
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.013+/-0.091 χ^2/NDF: 16.3/16

All: 0.094+/-0.066 χ^2/NDF: 41.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.406+/-0.103 χ^2/NDF: 17.8/15

Left Out: -0.400+/-0.323 χ^2/NDF:0.0/0

Right Out: -0.478+/-0.104 χ^2/NDF: 42.3/17

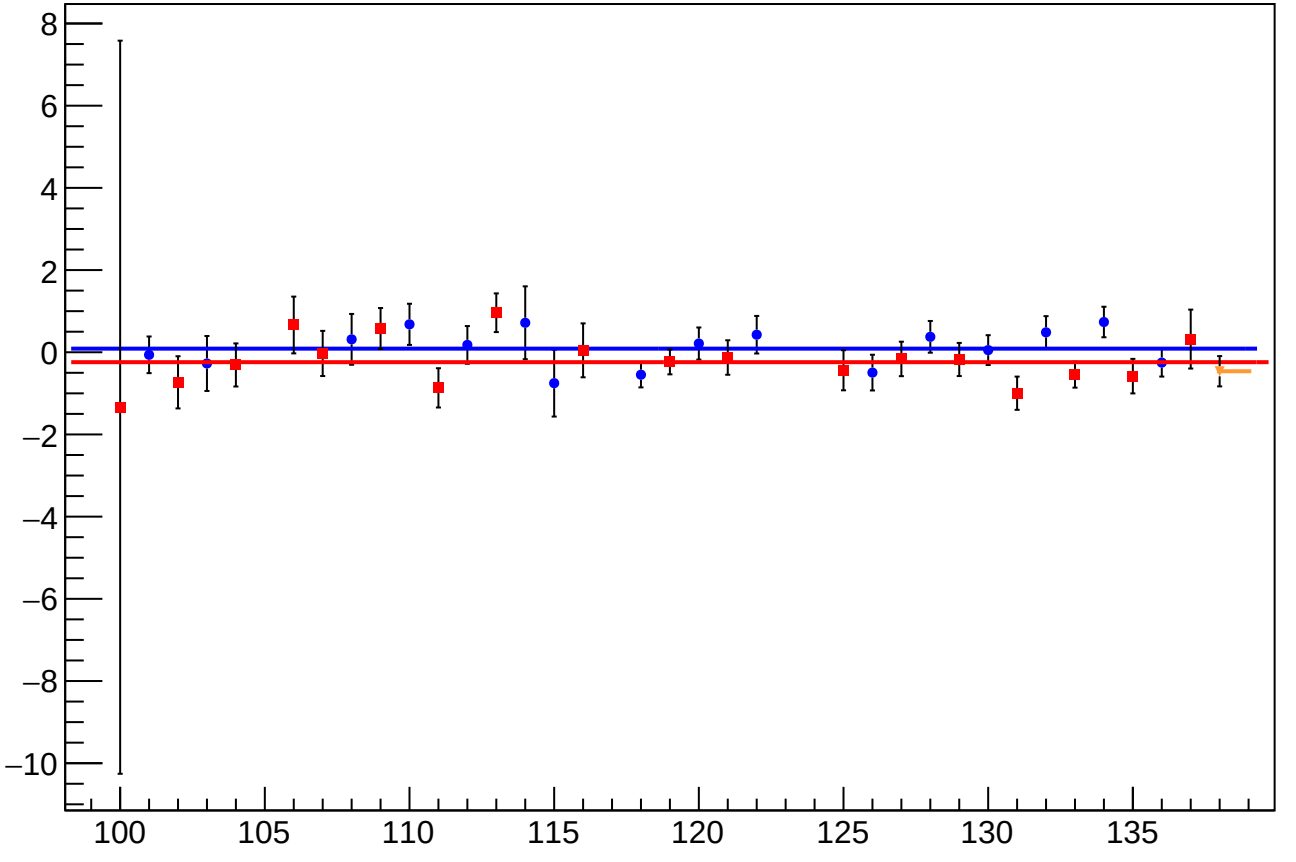
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.405+/-0.098 χ^2/NDF: 17.8/16

All: -0.439+/-0.072 χ^2/NDF: 60.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.088+/-0.108 χ^2/NDF: 15.9/15

Left Out: -0.462+/-0.369 χ^2/NDF:0.0/0

Right Out: -0.241+/-0.110 χ^2/NDF: 19.6/17

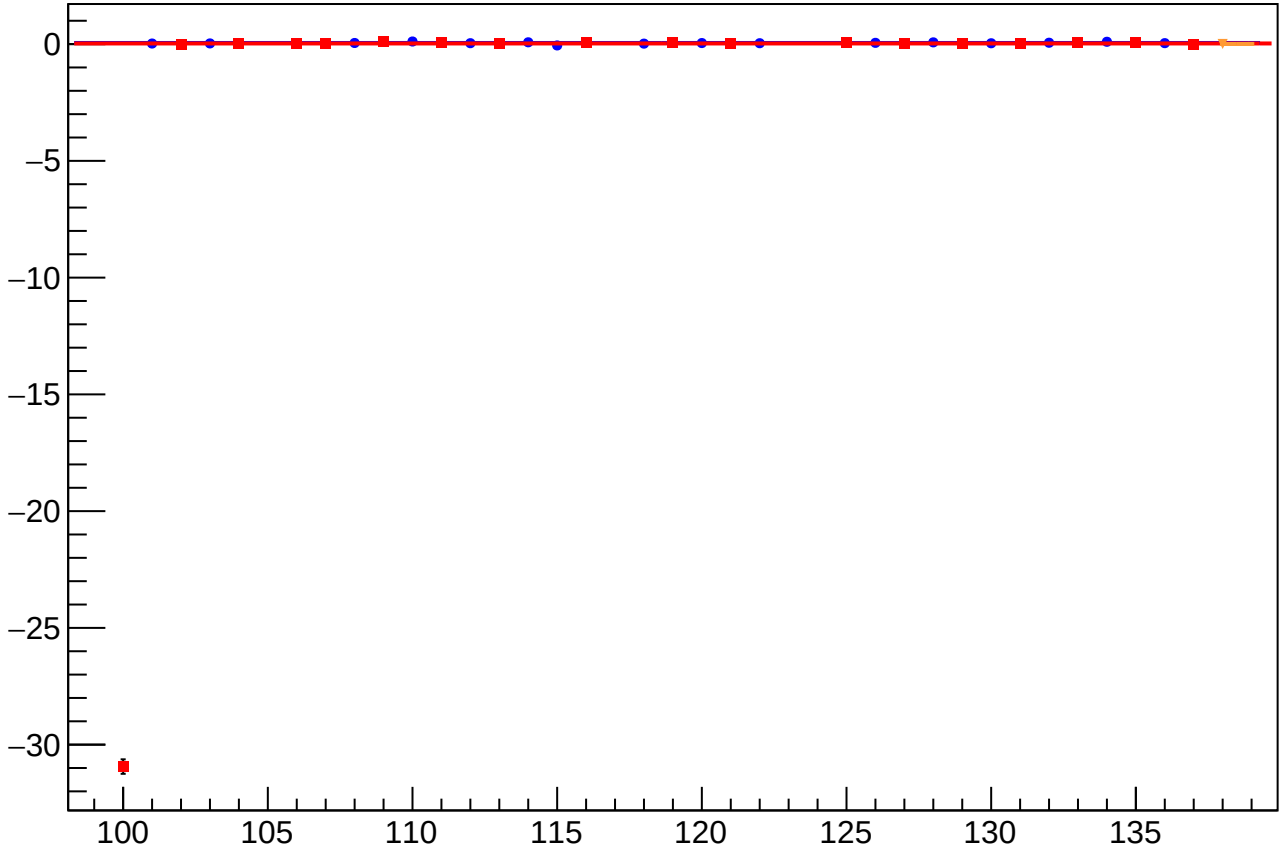
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.044+/-0.104 χ^2/NDF: 17.9/16

All: -0.091+/-0.075 χ^2/NDF: 41.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.049+/-0.006 χ^2/NDF: 19.2/15

Left Out: 0.006+/-0.013 χ^2/NDF:0.0/0

Right Out: 0.028+/-0.006 χ^2/NDF: 10020.9/17

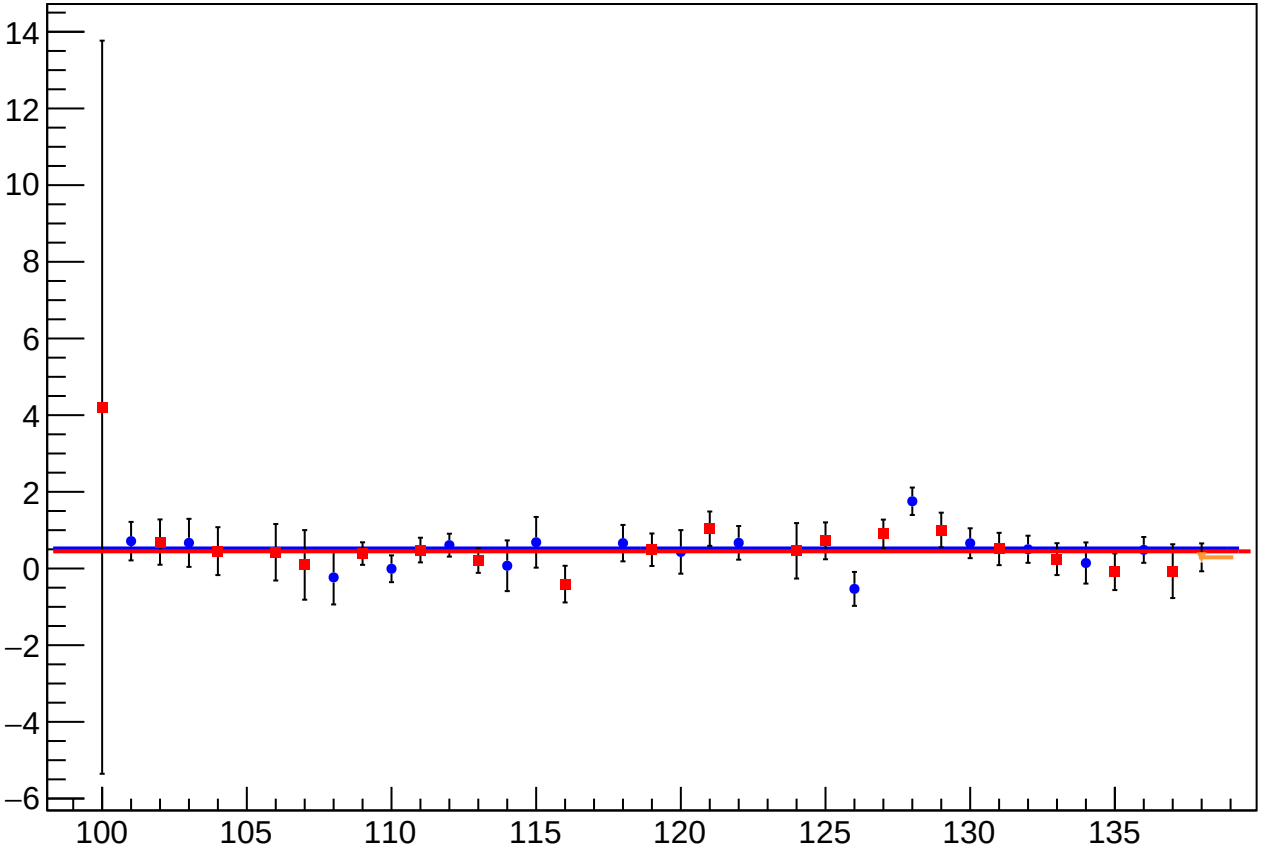
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.040+/-0.006 χ^2/NDF: 28.1/16

All: 0.035+/-0.004 χ^2/NDF: 10051.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.522+/-0.108 χ^2/NDF: 22.6/15

Left Out: 0.291+/-0.364 χ^2/NDF:0.0/0

Right Out: 0.448+/-0.105 χ^2/NDF: 11.4/18

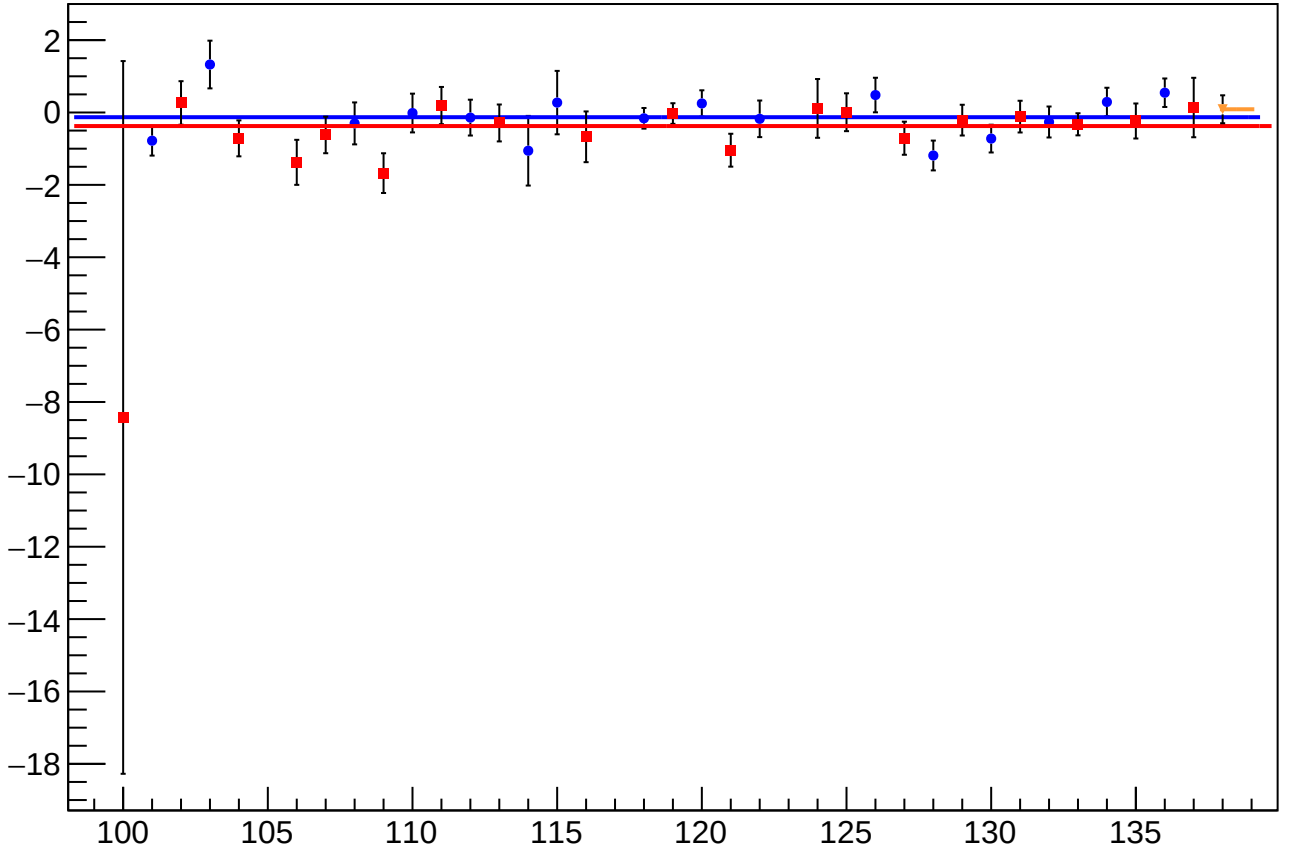
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.504+/-0.104 χ^2/NDF: 23.0/16

All: 0.476+/-0.074 χ^2/NDF: 34.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.130+/-0.112 χ^2/NDF: 24.6/15

Left Out: 0.089+/-0.386 χ^2/NDF:0.0/0

Right Out: -0.375+/-0.111 χ^2/NDF: 18.2/18

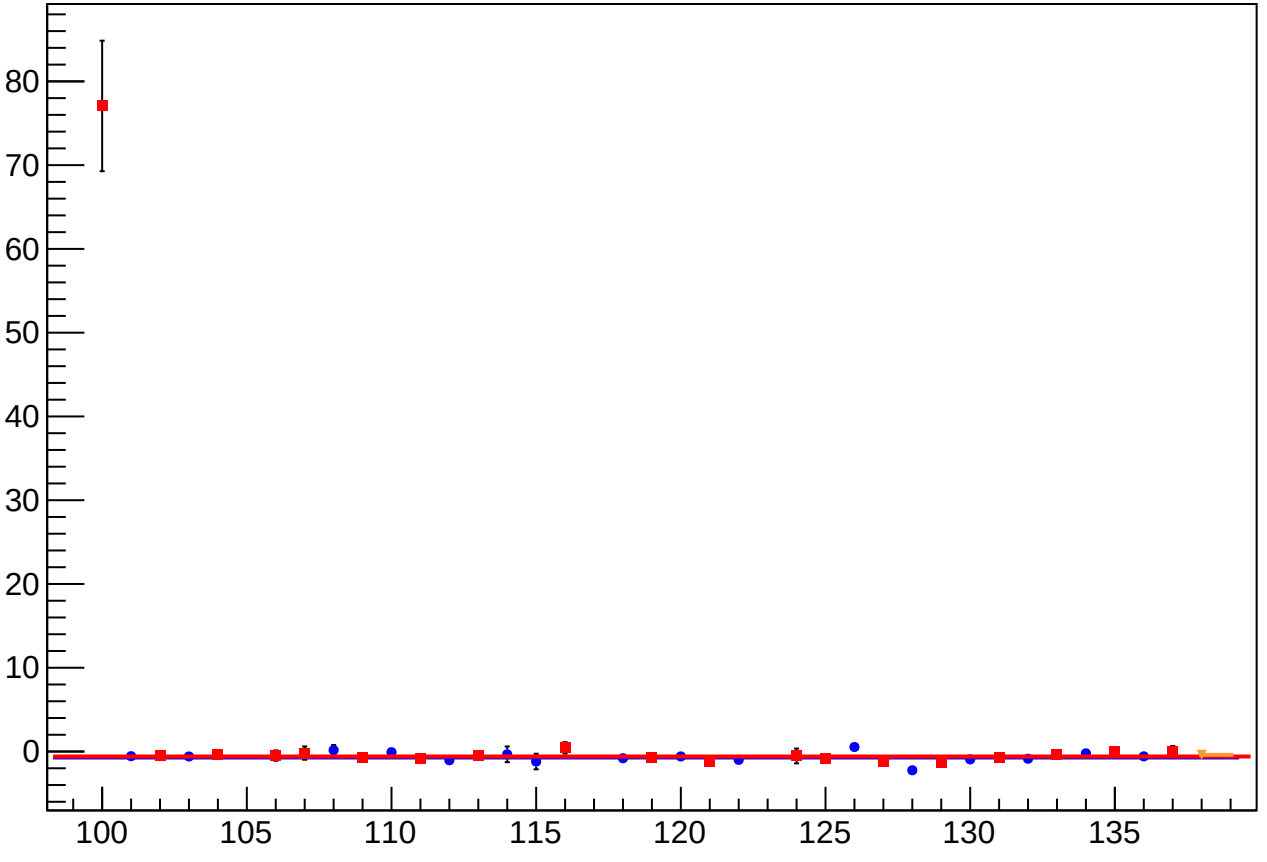
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.113+/-0.107 χ^2/NDF: 24.9/16

All: -0.239+/-0.077 χ^2/NDF: 45.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.713+/-0.122 χ^2/NDF: 24.9/15

Left Out: -0.394+/-0.380 χ^2/NDF:0.0/0

Right Out: -0.597+/-0.122 χ^2/NDF: 110.9/18

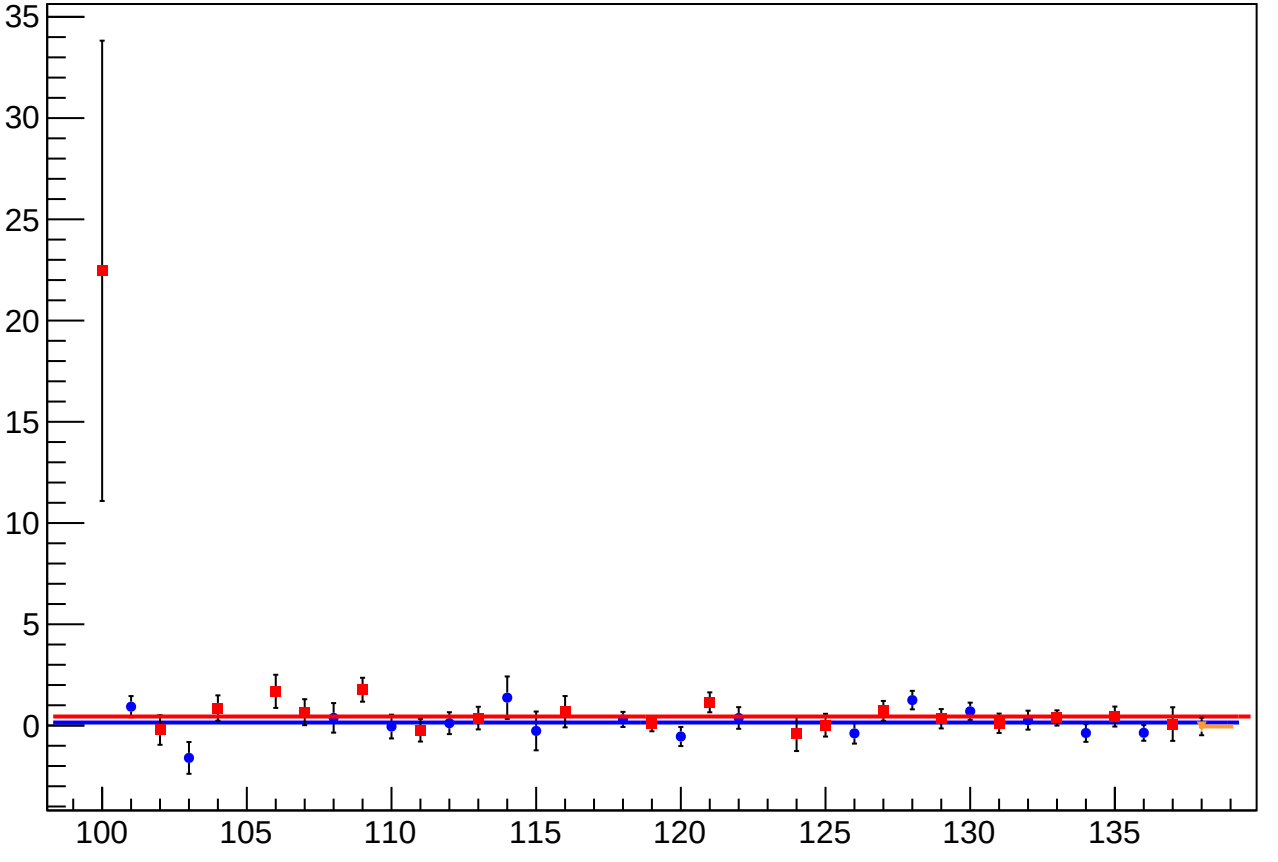
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.683+/-0.116 χ^2/NDF: 25.5/16

All: -0.642+/-0.084 χ^2/NDF: 136.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.148+/-0.128 χ^2/NDF: 23.3/15

Left Out: -0.047+/-0.433 χ^2/NDF:0.0/0

Right Out: 0.445+/-0.128 χ^2/NDF: 19.7/18

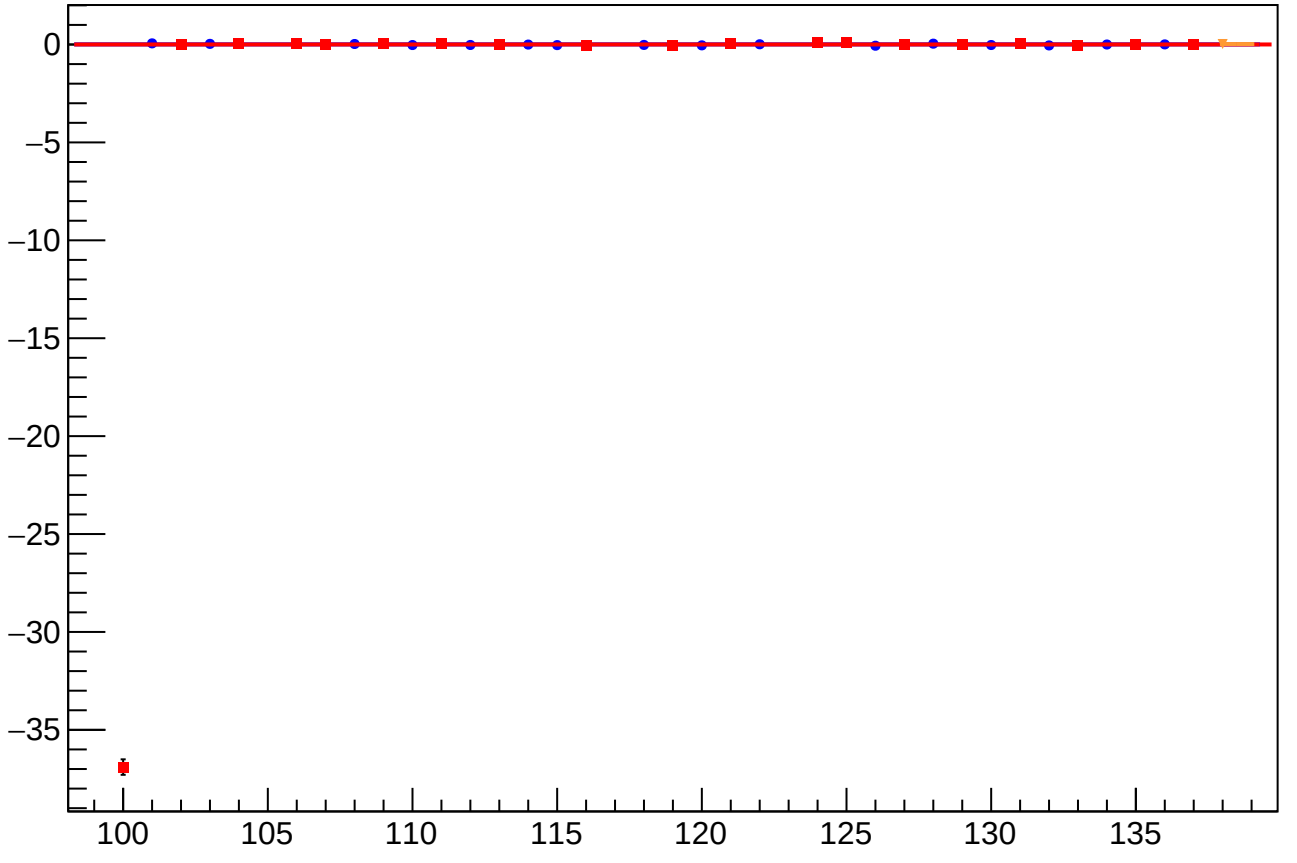
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.132+/-0.123 χ^2/NDF: 23.4/16

All: 0.282+/-0.089 χ^2/NDF: 46.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.006+/-0.007 χ^2/NDF: 17.6/15

Left Out: 0.024+/-0.015 χ^2/NDF:0.0/0

Right Out: 0.002+/-0.007 χ^2/NDF: 8753.3/18

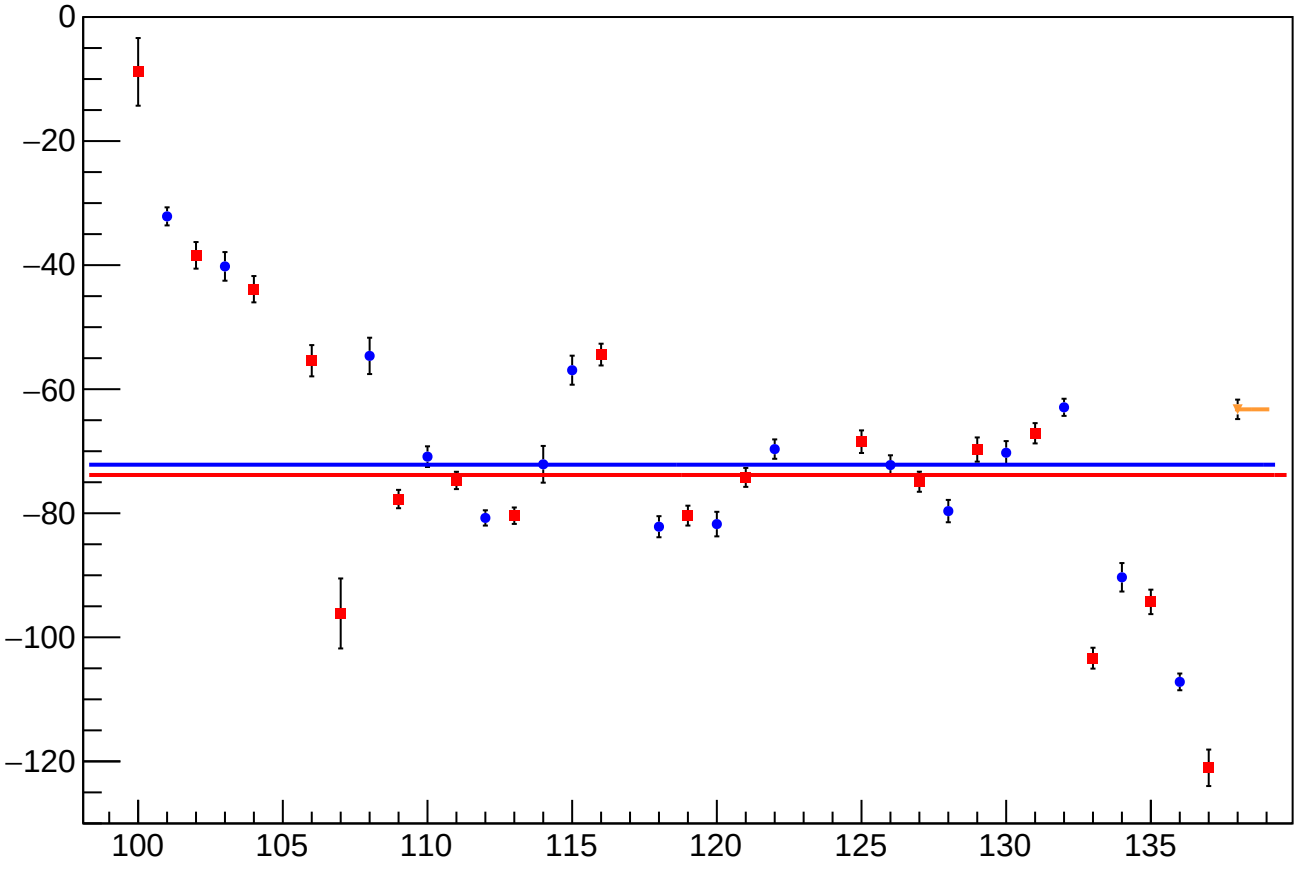
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.010+/-0.007 χ^2/NDF: 18.7/16

All: 0.006+/-0.005 χ^2/NDF: 8772.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -72.173+/-0.432 χ^2/NDF: 1936.0/15

Left Out: -63.249+/-1.569 χ^2/NDF:0.0/0

Right Out: -73.831+/-0.431 χ^2/NDF: 1557.7/17

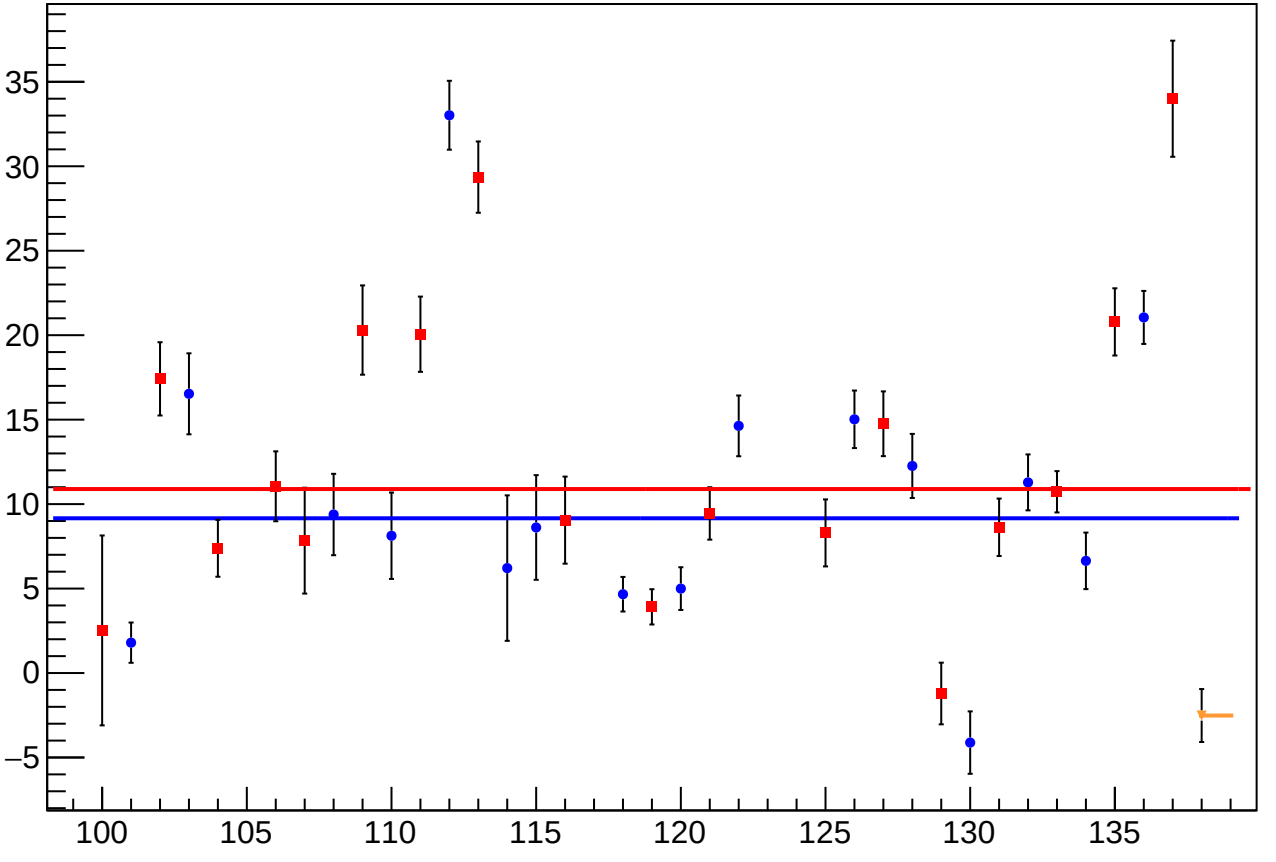
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -71.544+/-0.416 χ^2/NDF: 1966.0/16

All: -72.649+/-0.299 χ^2/NDF: 3538.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 9.161+/-0.425 χ^2/NDF: 352.1/15

Left Out: -2.516+/-1.567 χ^2/NDF:0.0/0

Right Out: 10.892+/-0.440 χ^2/NDF: 290.2/17

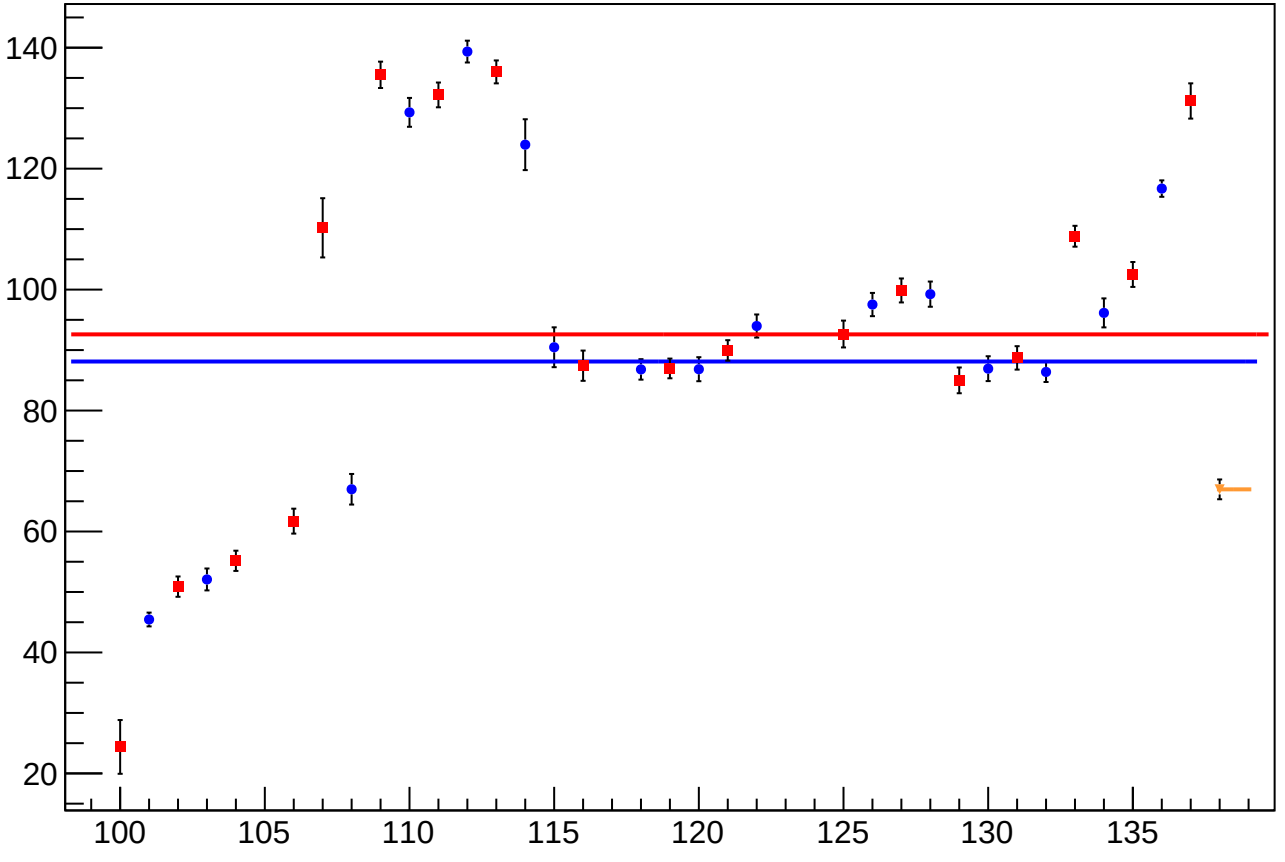
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.360+/-0.410 χ^2/NDF: 403.8/16

All: 9.537+/-0.300 χ^2/NDF: 711.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 88.109+/-0.469 χ^2/NDF: 3561.7/15

Left Out: 66.969+/-1.637 χ^2/NDF:0.0/0

Right Out: 92.596+/-0.483 χ^2/NDF: 3211.0/17

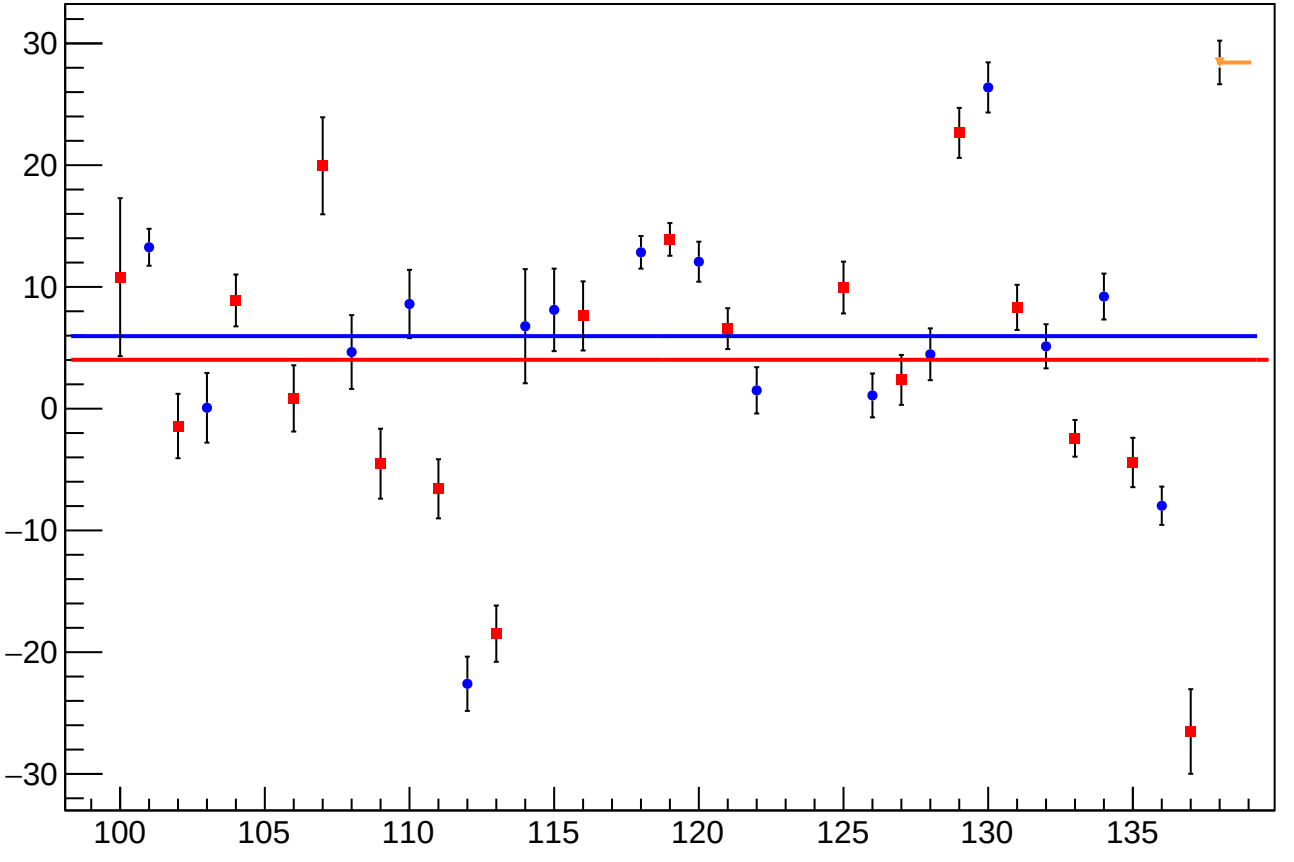
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 86.508+/-0.450 χ^2/NDF: 3715.8/16

All: 89.340+/-0.329 χ^2/NDF: 7011.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 5.958+/-0.495 χ^2/NDF: 426.8/15

Left Out: 28.436+/-1.790 χ^2/NDF:0.0/0

Right Out: 4.017+/-0.510 χ^2/NDF: 417.7/17

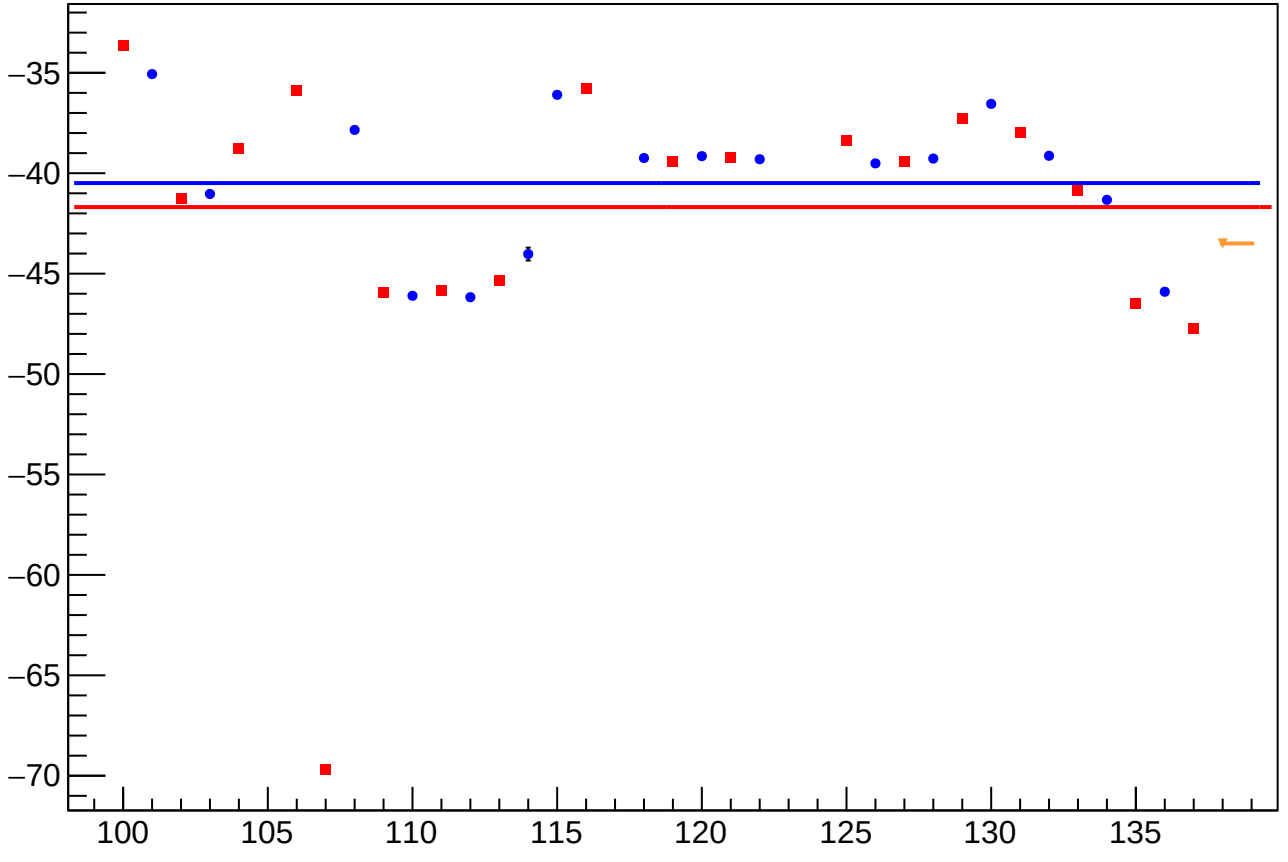
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.552+/-0.477 χ^2/NDF: 573.2/16

All: 5.902+/-0.348 χ^2/NDF: 1016.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.491+/-0.028 χ^2/NDF: 18125.4/15

Left Out: -43.497+/-0.065 χ^2/NDF:0.0/0

Right Out: -41.686+/-0.029 χ^2/NDF: 36838.6/17

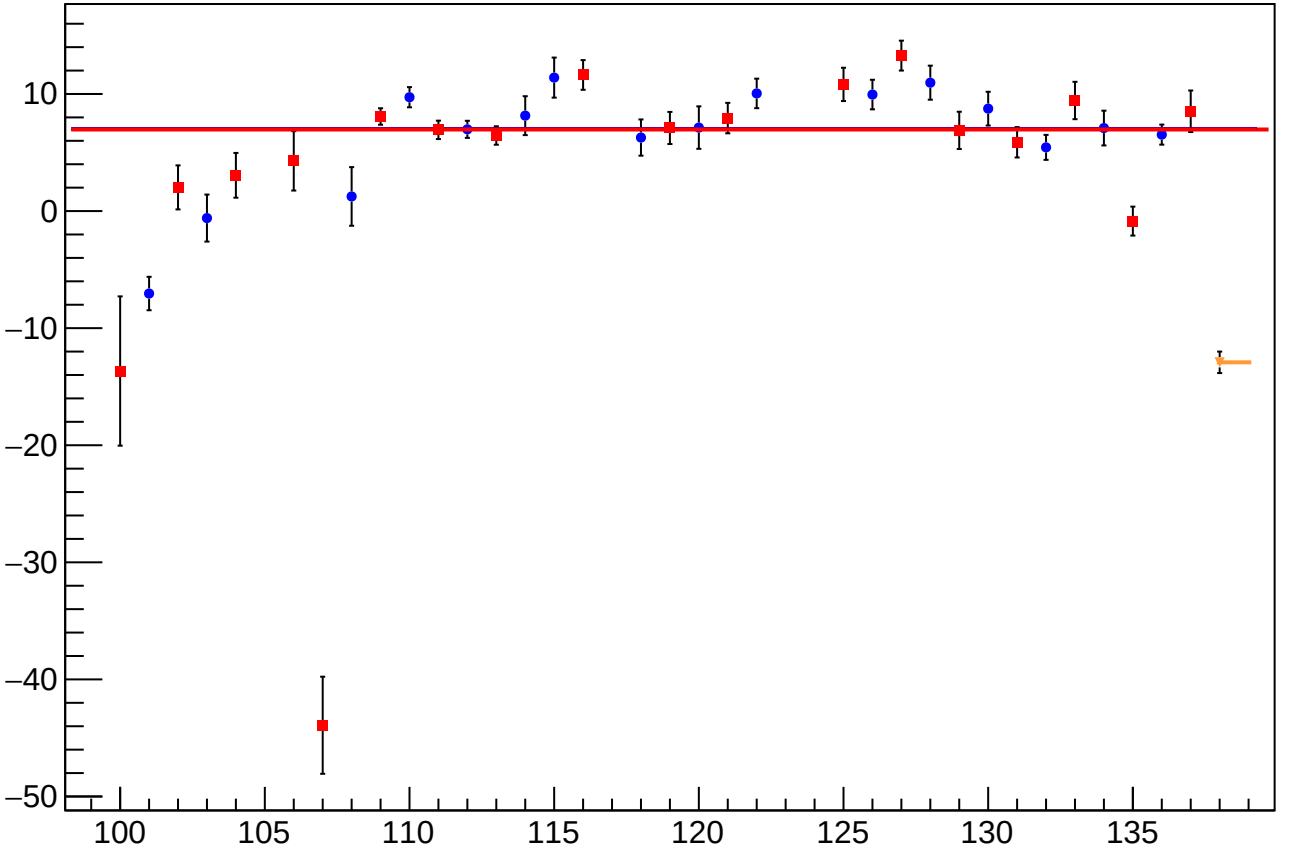
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -40.964+/-0.026 χ^2/NDF: 19901.4/16

All: -41.283+/-0.019 χ^2/NDF: 57079.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 7.011+/-0.309 χ^2/NDF: 156.3/15

Left Out: -12.919+/-0.918 χ^2/NDF:0.0/0

Right Out: 6.967+/-0.298 χ^2/NDF: 266.0/17

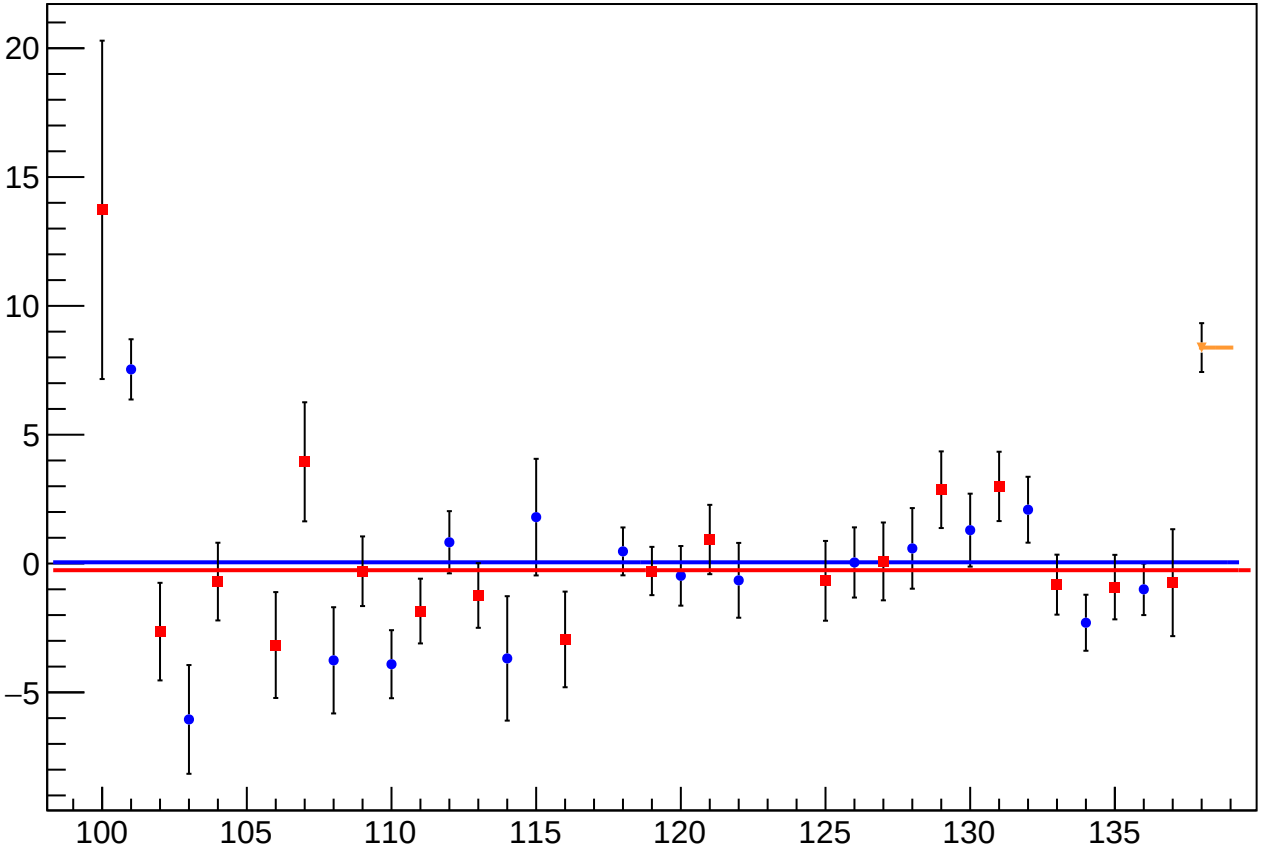
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.981+/-0.293 χ^2/NDF: 579.3/16

All: 5.957+/-0.209 χ^2/NDF: 867.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.048+/-0.331 χ^2/NDF: 75.0/15

Left Out: 8.381+/-0.948 χ^2/NDF:0.0/0

Right Out: -0.259+/-0.344 χ^2/NDF: 27.5/17

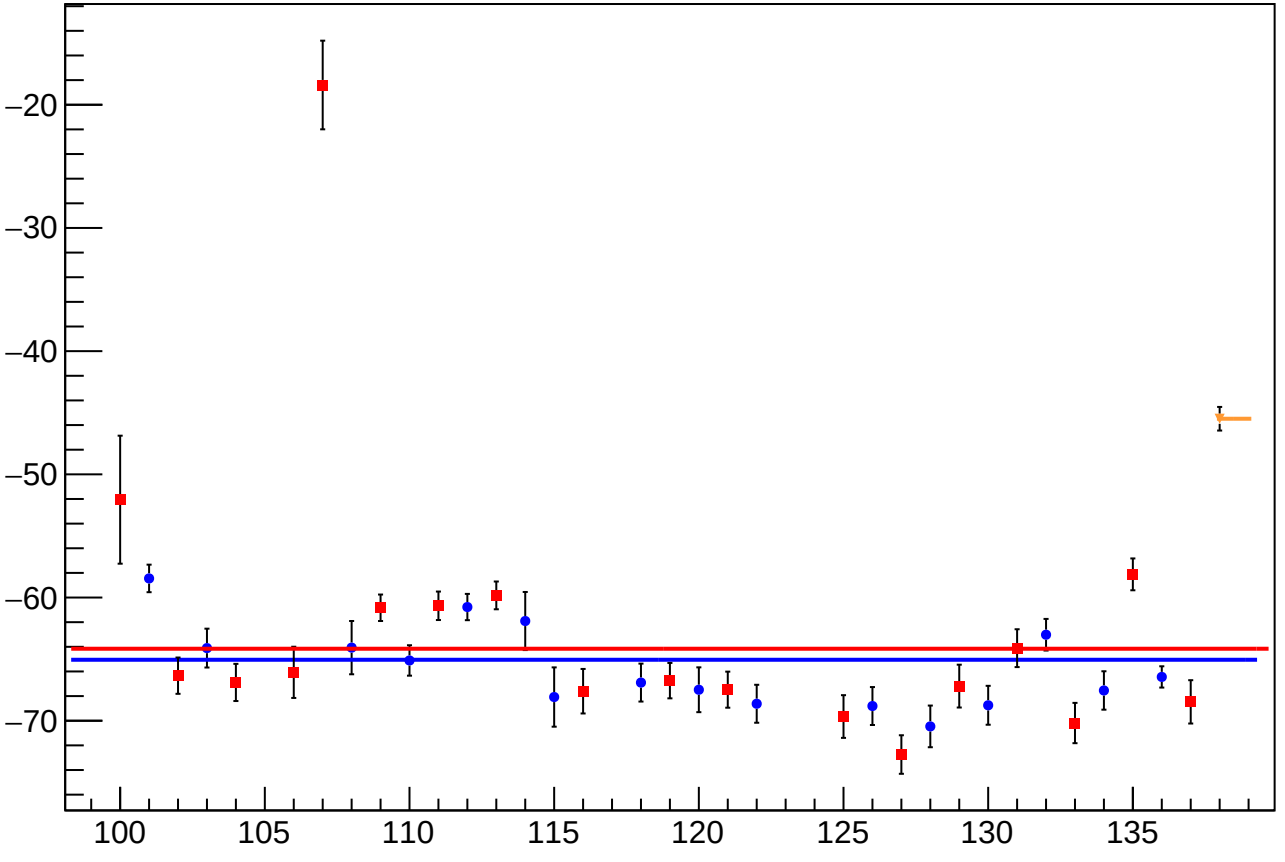
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.956+/-0.313 χ^2/NDF: 143.8/16

All: 0.407+/-0.232 χ^2/NDF: 178.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -65.051+/-0.354 χ^2/NDF: 92.8/15

Left Out: -45.487+/-0.959 χ^2/NDF:0.0/0

Right Out: -64.156+/-0.360 χ^2/NDF: 303.7/17

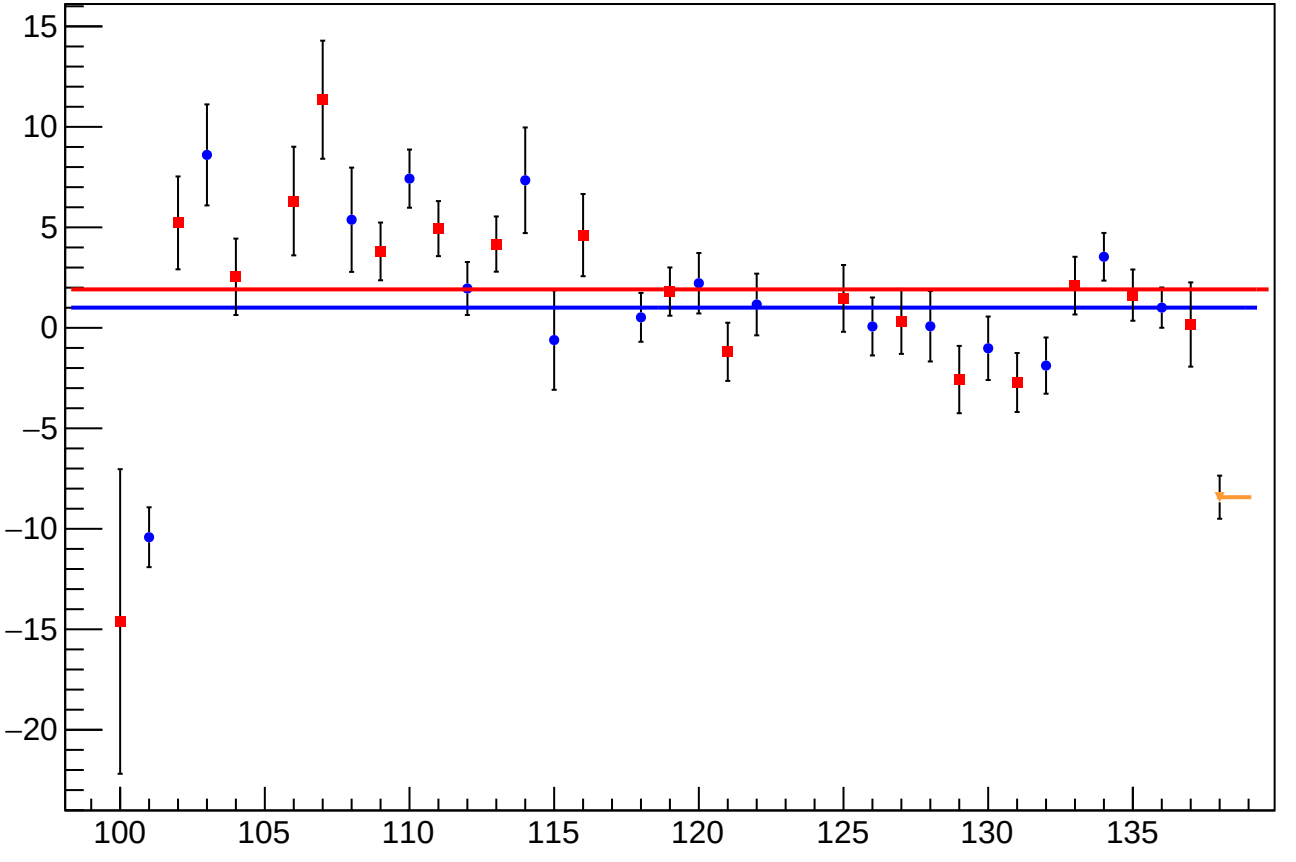
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -62.703+/-0.332 χ^2/NDF: 459.3/16

All: -63.370+/-0.244 χ^2/NDF: 771.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.006+/-0.376 χ^2/NDF: 109.2/15

Left Out: -8.427+/-1.072 χ^2/NDF:0.0/0

Right Out: 1.914+/-0.390 χ^2/NDF: 54.5/17

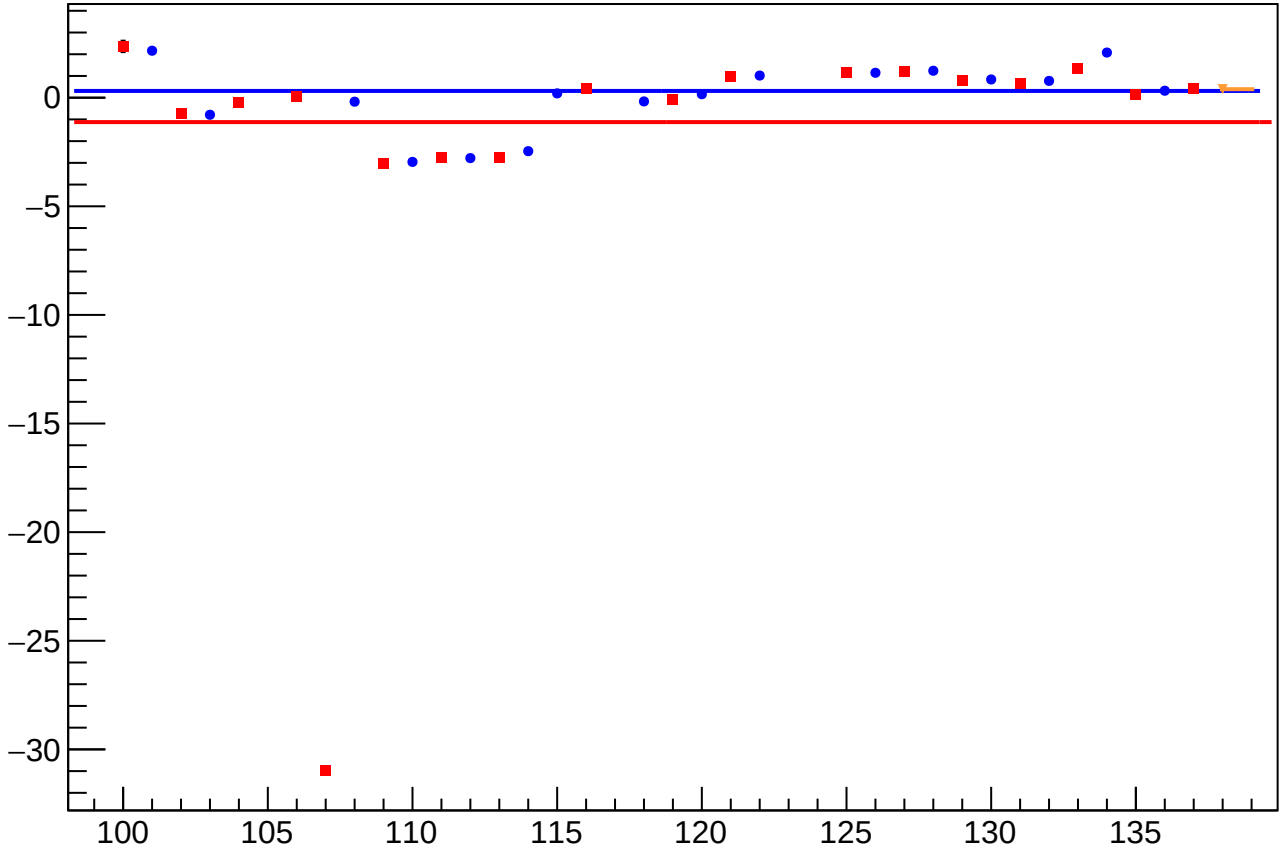
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.024+/-0.355 χ^2/NDF: 178.1/16

All: 0.853+/-0.262 χ^2/NDF: 246.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.310+/-0.021 χ^2/NDF: 4848.4/15

Left Out: 0.391+/-0.038 χ^2/NDF:0.0/0

Right Out: -1.124+/-0.022 χ^2/NDF: 46347.9/17

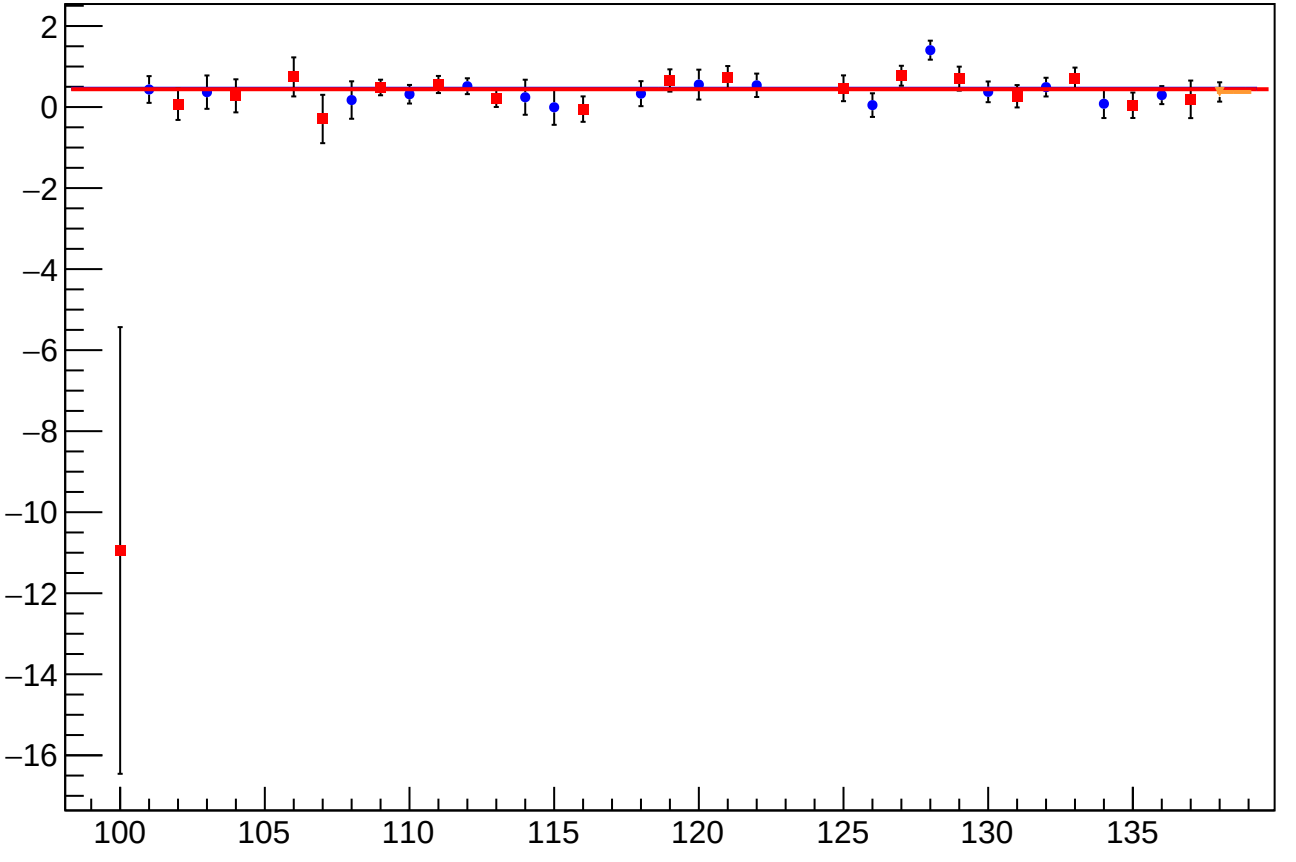
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.329+/-0.018 χ^2/NDF: 4851.8/16

All: -0.262+/-0.014 χ^2/NDF: 53736.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.452+/-0.071 χ^2/NDF: 22.6/15

Left Out: 0.372+/-0.239 χ^2/NDF:0.0/0

Right Out: 0.440+/-0.070 χ^2/NDF: 18.5/17

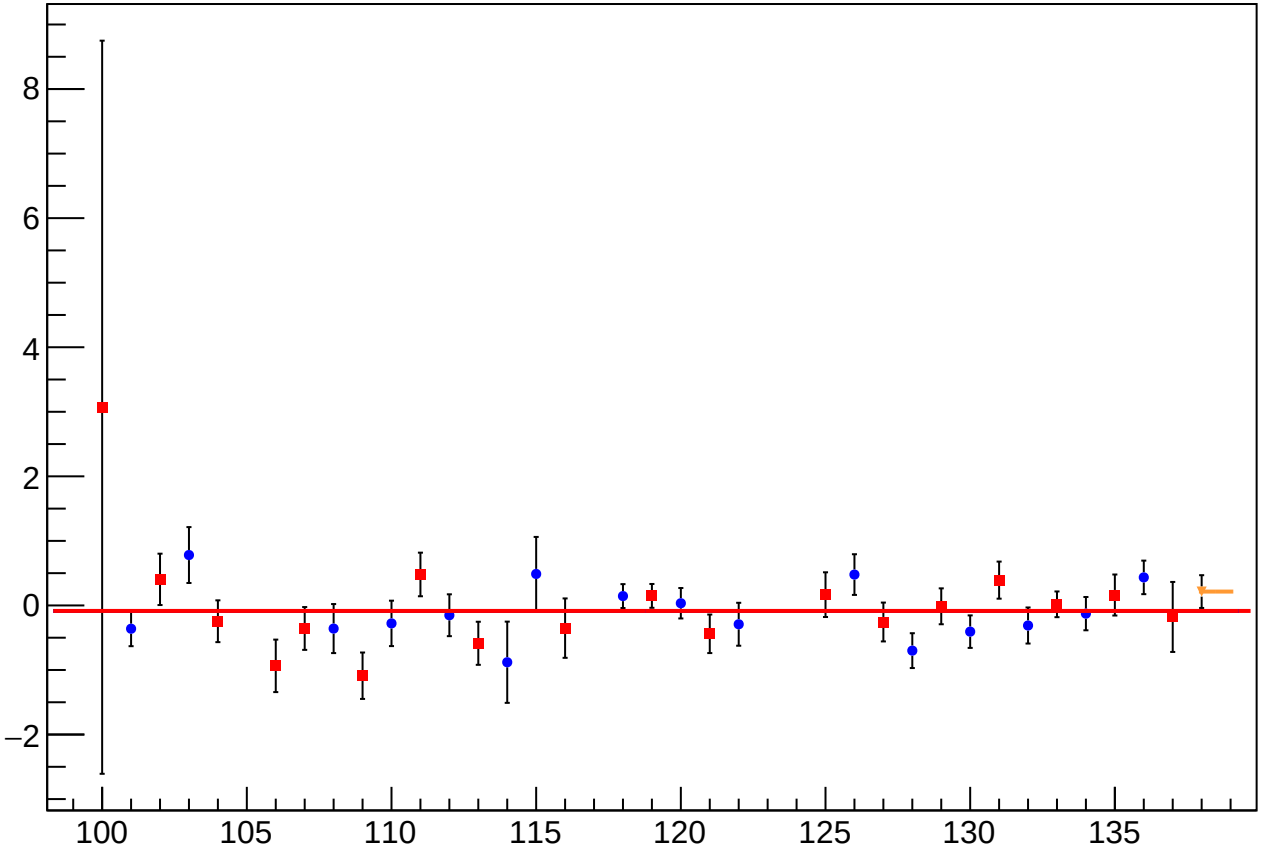
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.445+/-0.068 χ^2/NDF: 22.7/16

All: 0.443+/-0.049 χ^2/NDF: 41.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.086+/-0.073 χ^2/NDF: 25.4/15

Left Out: 0.215+/-0.254 χ^2/NDF:0.0/0

Right Out: -0.085+/-0.074 χ^2/NDF: 27.9/17

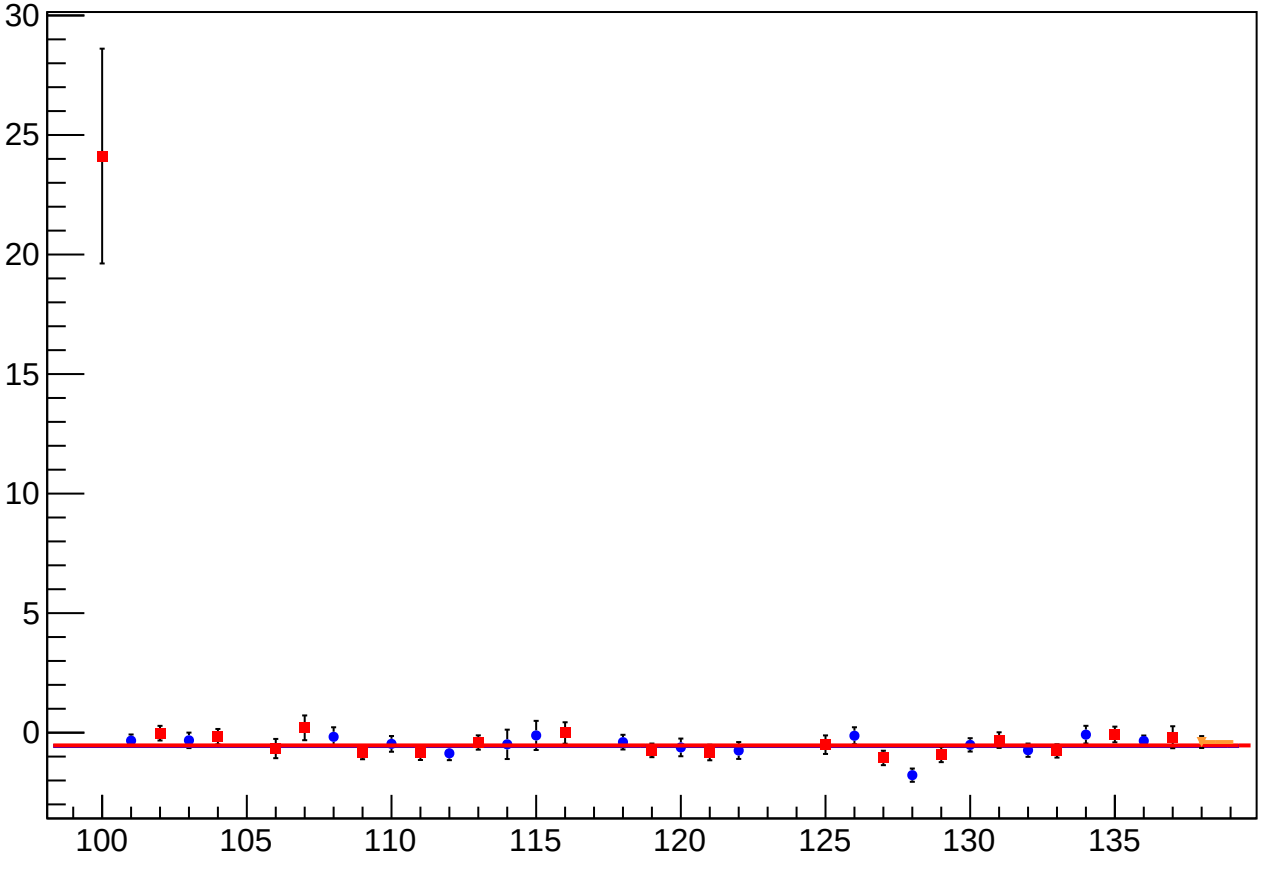
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.063+/-0.070 χ^2/NDF: 26.7/16

All: -0.074+/-0.051 χ^2/NDF: 54.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.558+/-0.080 χ^2/NDF: 28.3/15

Left Out: -0.392+/-0.249 χ^2/NDF:0.0/0

Right Out: -0.534+/-0.081 χ^2/NDF: 49.2/17

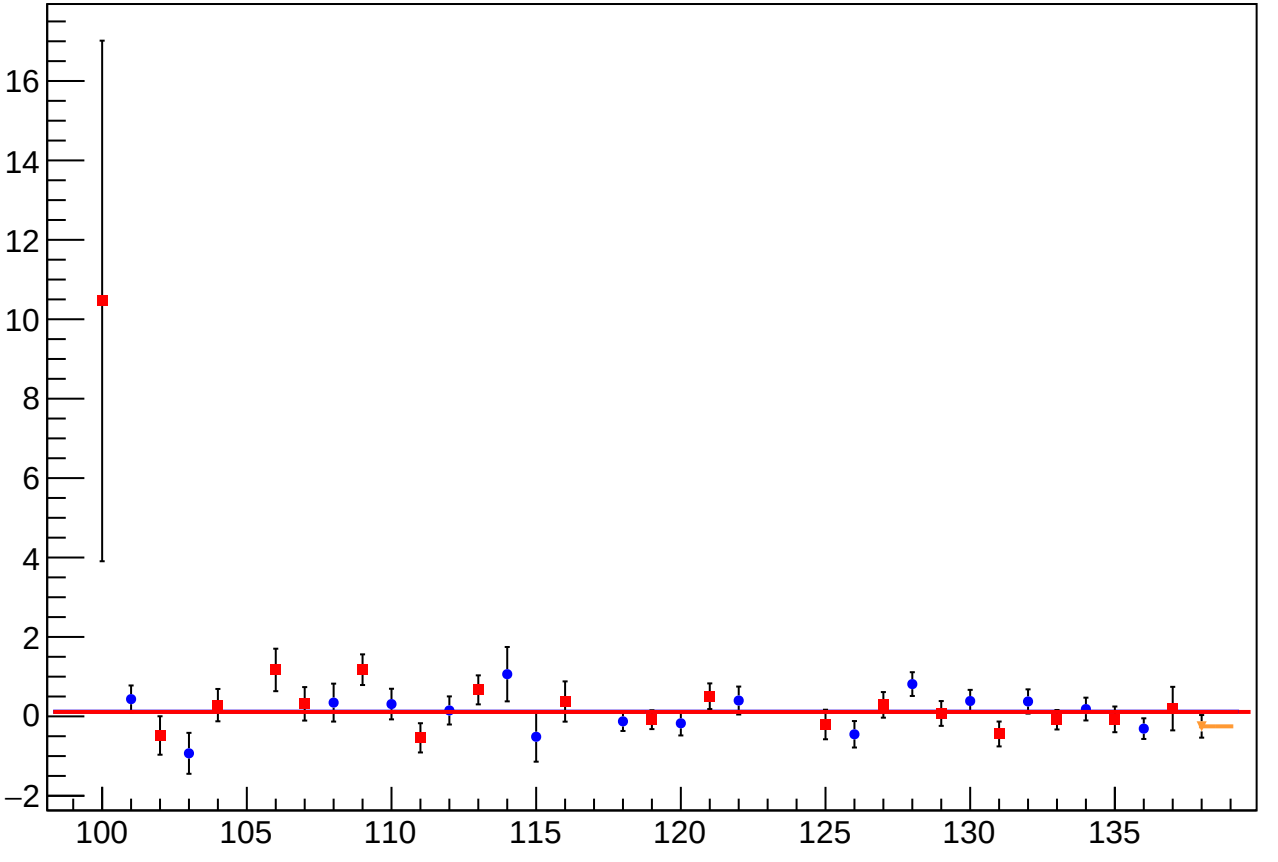
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.543+/-0.076 χ^2/NDF: 28.7/16

All: -0.539+/-0.055 χ^2/NDF: 77.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.118+/-0.084 χ^2/NDF: 23.6/15

Left Out: -0.251+/-0.285 χ^2/NDF:0.0/0

Right Out: 0.111+/-0.085 χ^2/NDF: 29.0/17

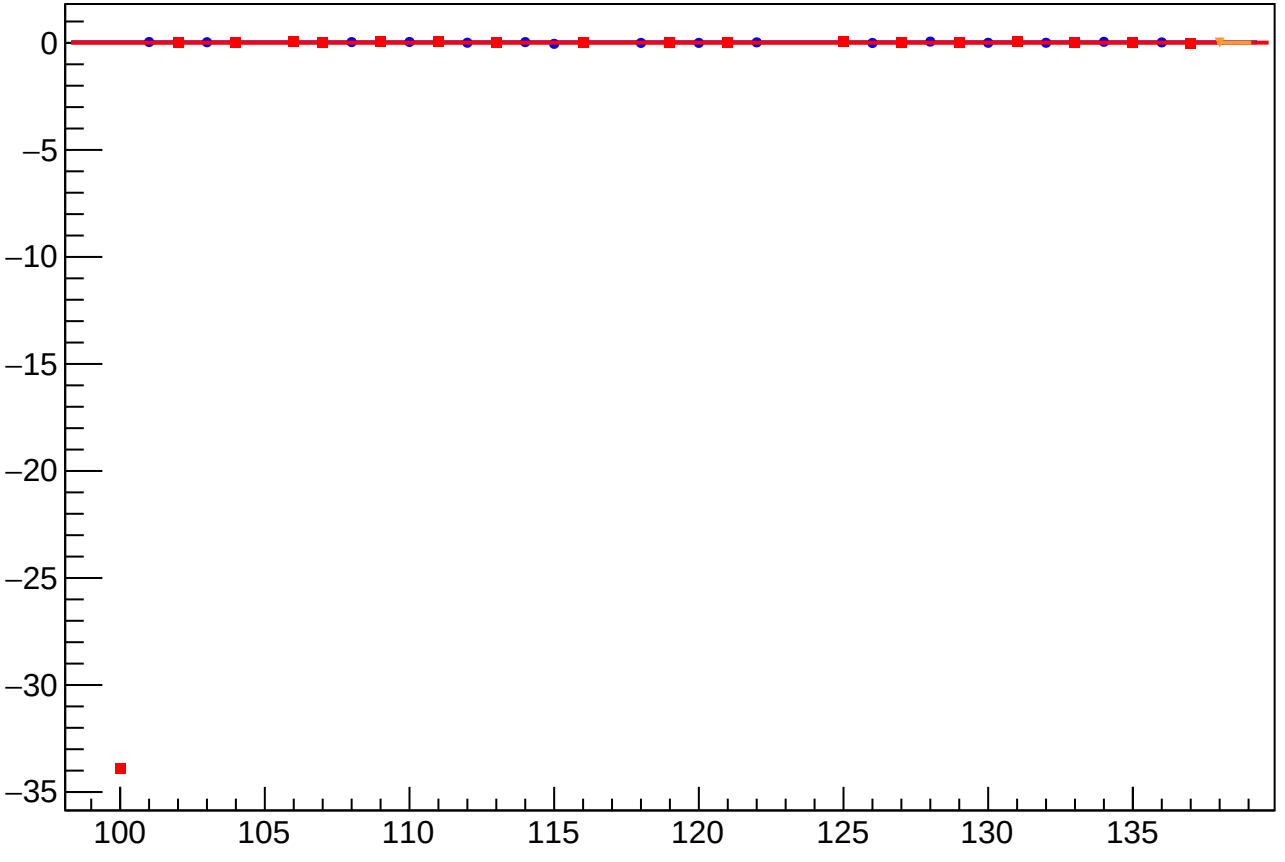
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.088+/-0.080 χ^2/NDF: 25.2/16

All: 0.099+/-0.058 χ^2/NDF: 54.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.027+/-0.005 χ^2/NDF: 14.7/15

Left Out: 0.015+/-0.010 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.005 χ^2/NDF: 22262.0/17

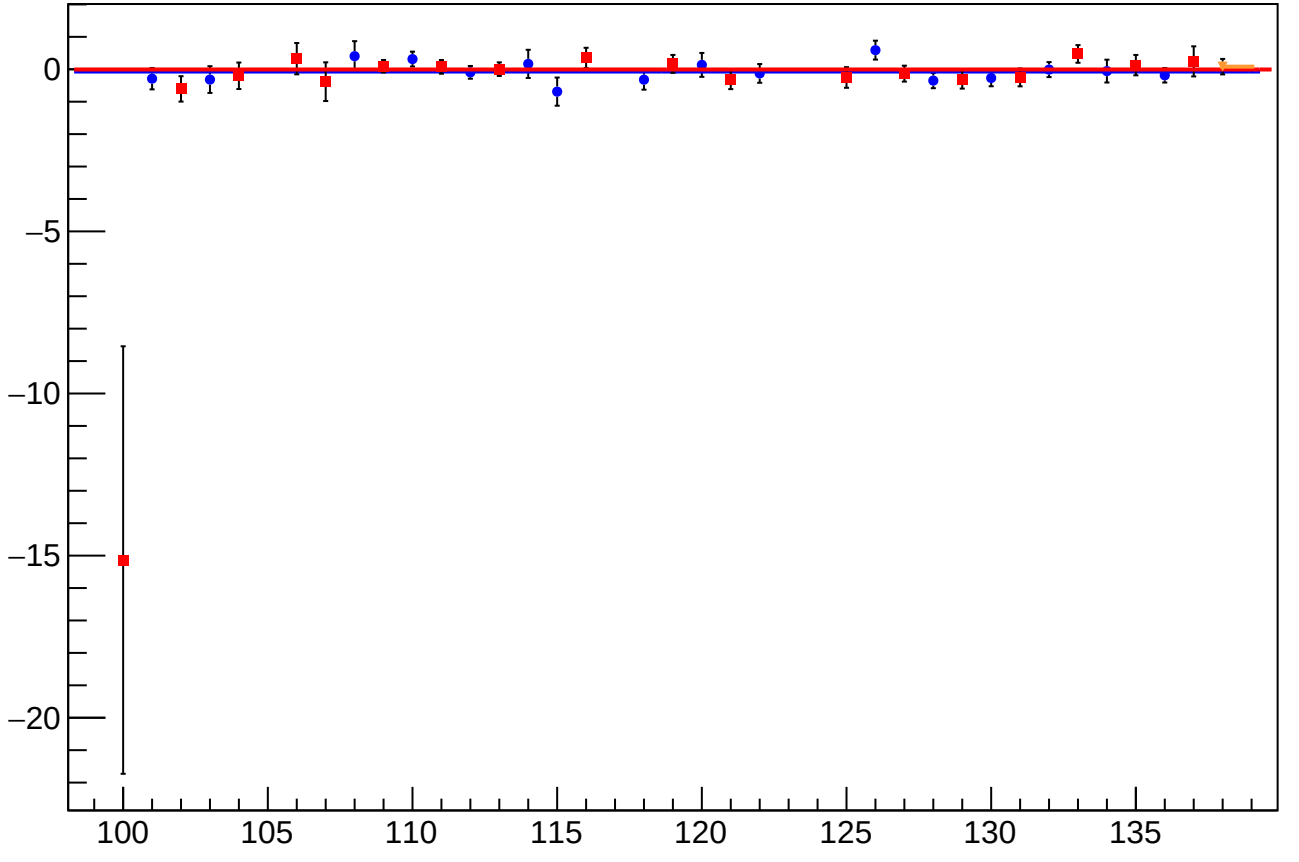
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.025+/-0.004 χ^2/NDF: 15.9/16

All: 0.019+/-0.003 χ^2/NDF: 22282.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.070+/-0.071 χ^2/NDF: 15.5/15

Left Out: 0.081+/-0.238 χ^2/NDF:0.0/0

Right Out: -0.007+/-0.070 χ^2/NDF: 18.1/17

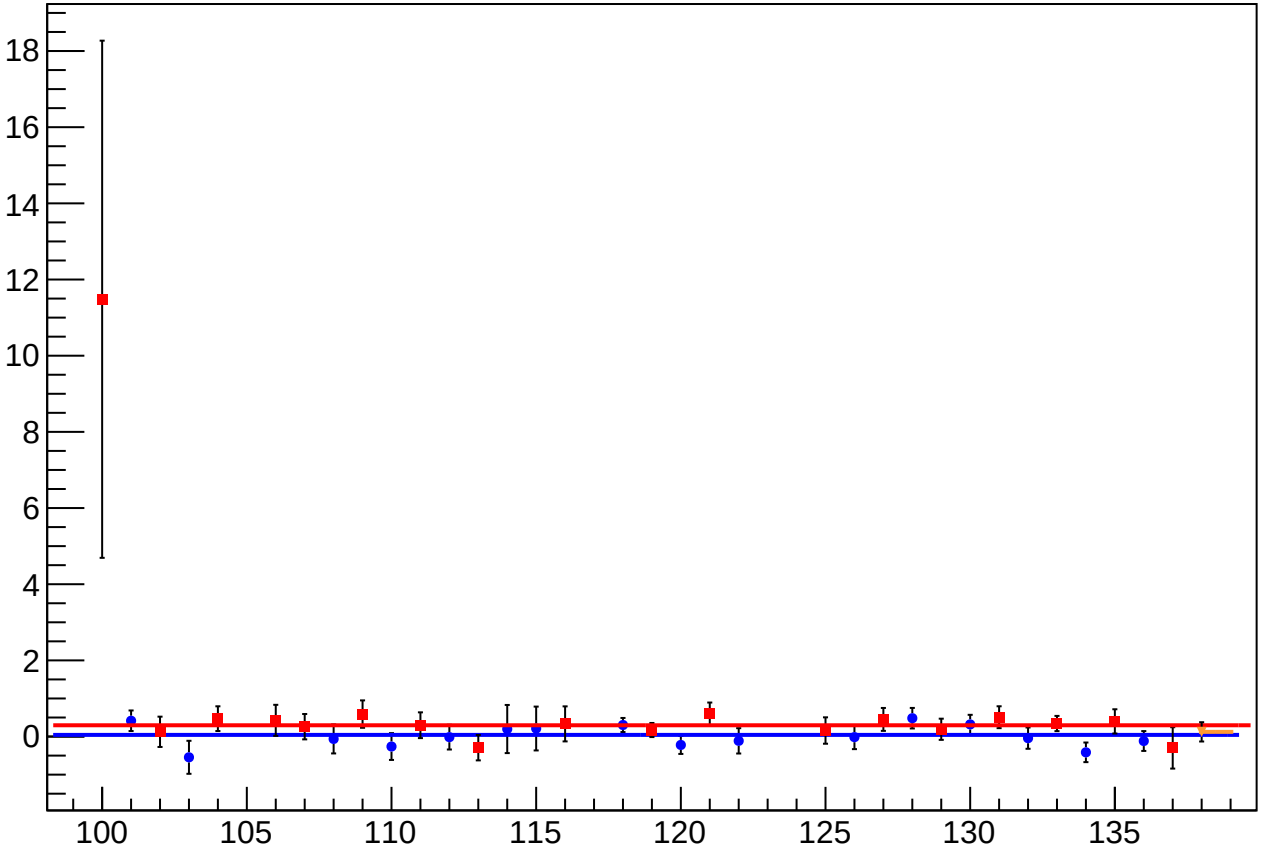
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.058+/-0.068 χ^2/NDF: 15.9/16

All: -0.033+/-0.049 χ^2/NDF: 34.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.044+/-0.073 χ^2/NDF: 15.7/15

Left Out: 0.123+/-0.253 χ^2/NDF:0.0/0

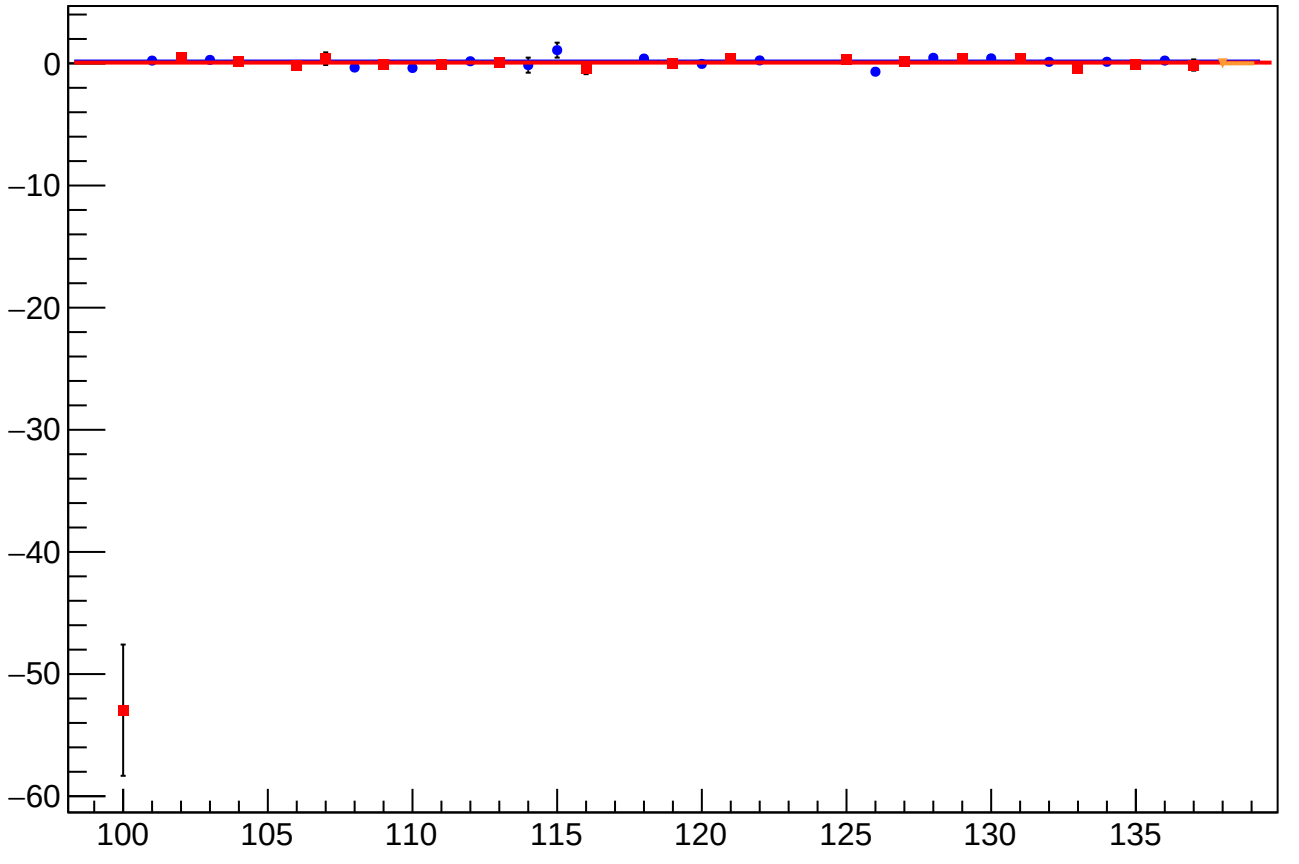
Right Out: 0.296+/-0.074 χ^2/NDF: 11.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.050+/-0.070 χ^2/NDF: 15.8/16

All: 0.167+/-0.051 χ^2/NDF: 32.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.154+/-0.080 χ^2/NDF: 15.6/15

Left Out: 0.003+/-0.249 χ^2/NDF:0.0/0

Right Out: 0.065+/-0.081 χ^2/NDF: 109.3/17

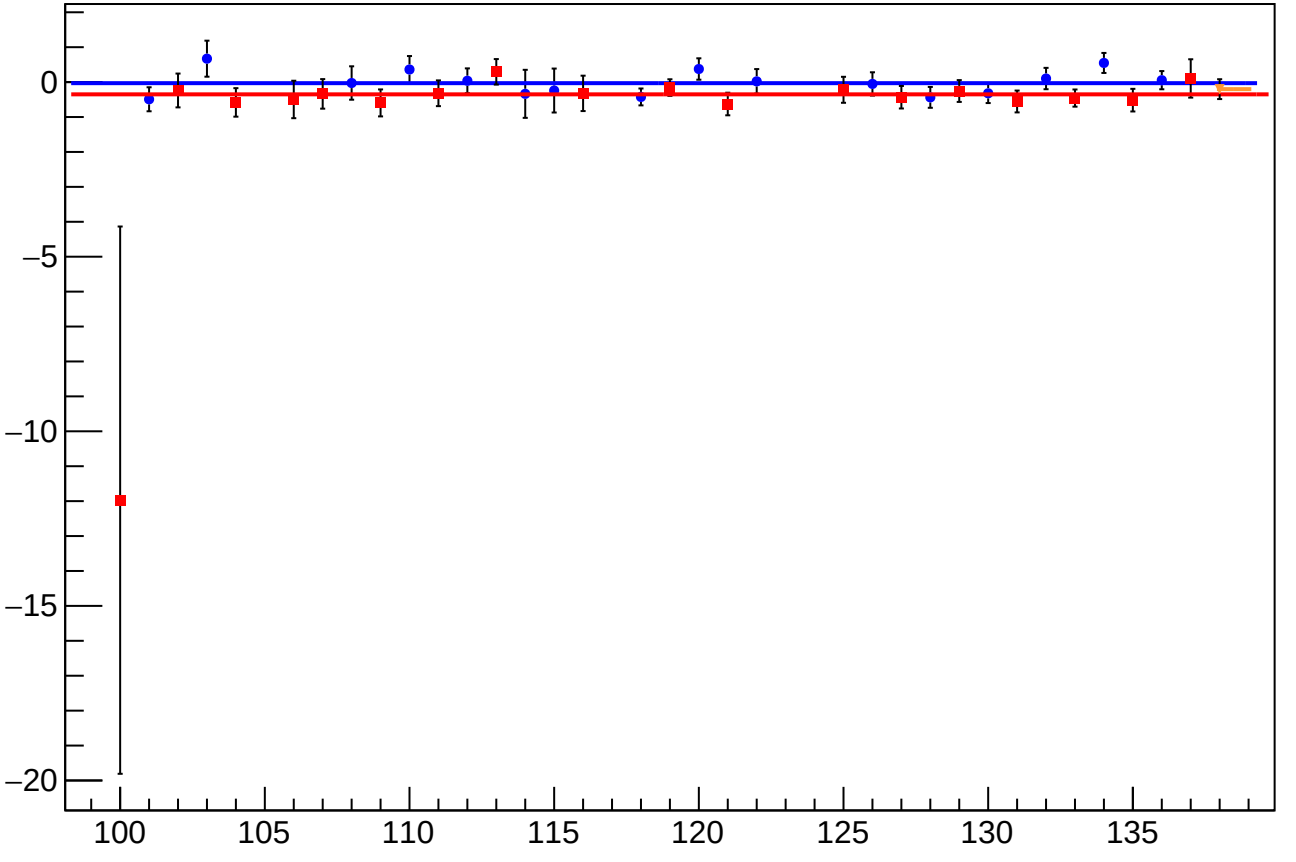
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.140+/-0.076 χ^2/NDF: 15.9/16

All: 0.105+/-0.055 χ^2/NDF: 125.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.030+/-0.084 χ^2/NDF: 16.8/15

Left Out: -0.202+/-0.284 χ^2/NDF:0.0/0

Right Out: -0.350+/-0.085 χ^2/NDF: 9.4/17

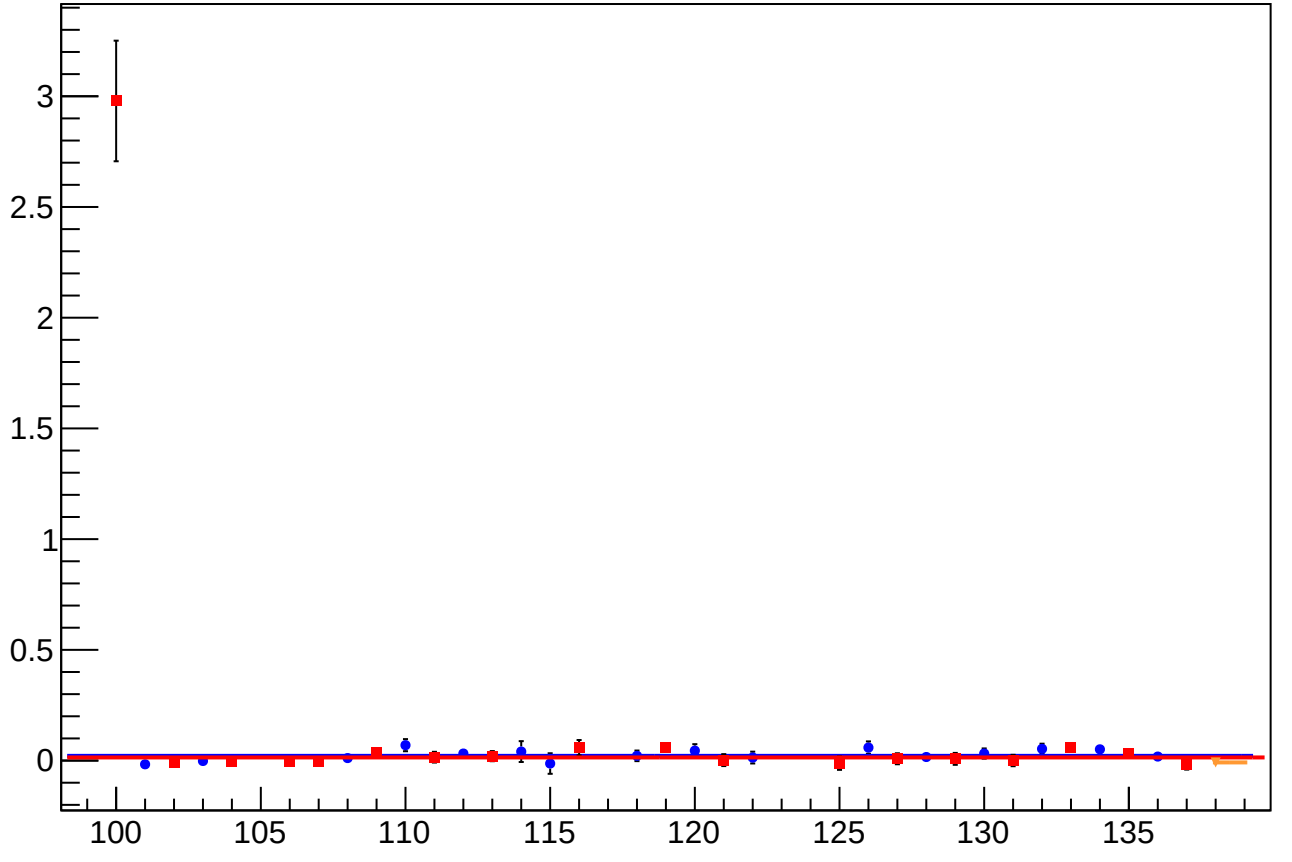
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.044+/-0.080 χ^2/NDF: 17.1/16

All: -0.189+/-0.058 χ^2/NDF: 33.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.021+/-0.005 χ^2/NDF: 22.5/15

Left Out: -0.008+/-0.010 χ^2/NDF:0.0/0

Right Out: 0.014+/-0.005 χ^2/NDF: 140.9/17

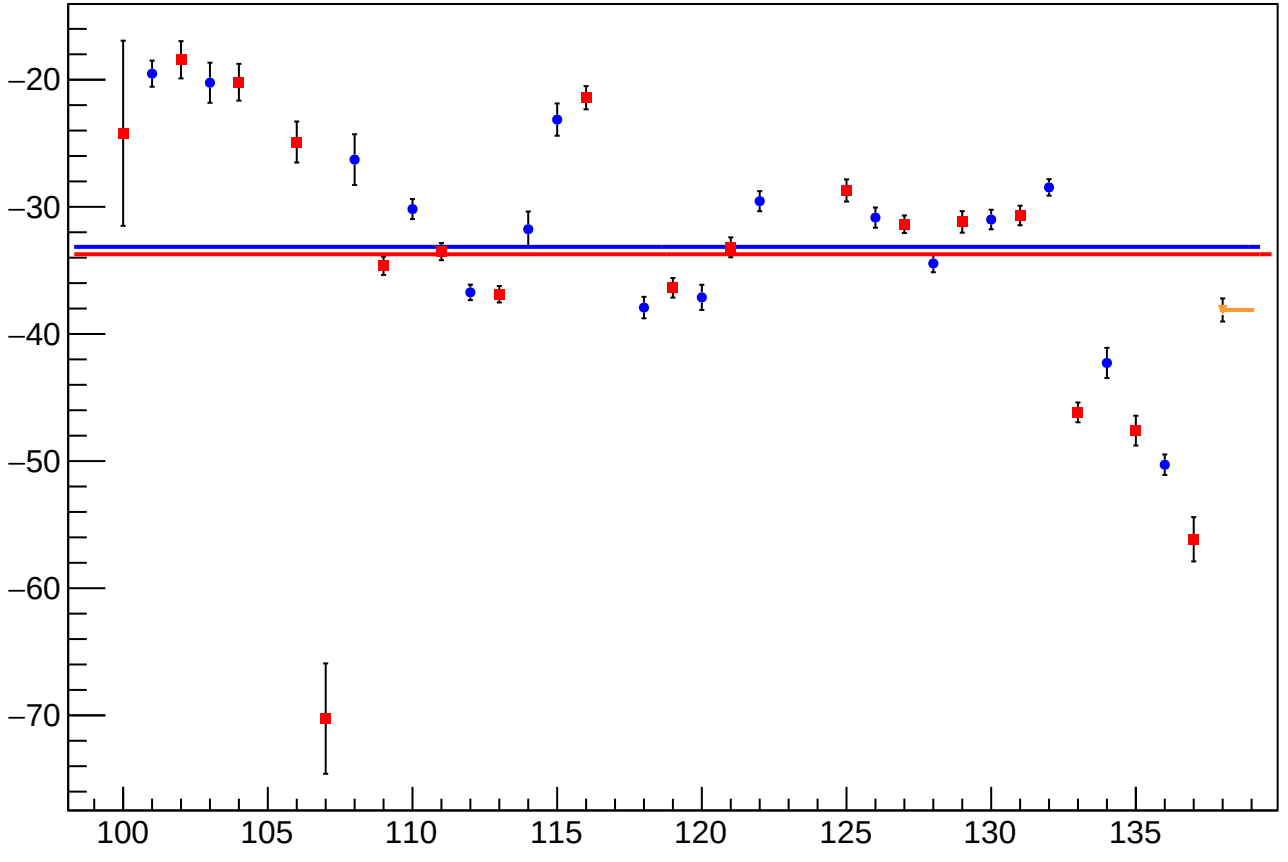
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.004 χ^2/NDF: 29.9/16

All: 0.015+/-0.003 χ^2/NDF: 170.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -33.148+/-0.218 χ^2/NDF: 1013.9/15

Left Out: -38.112+/-0.910 χ^2/NDF:0.0/0

Right Out: -33.730+/-0.215 χ^2/NDF: 1148.4/17

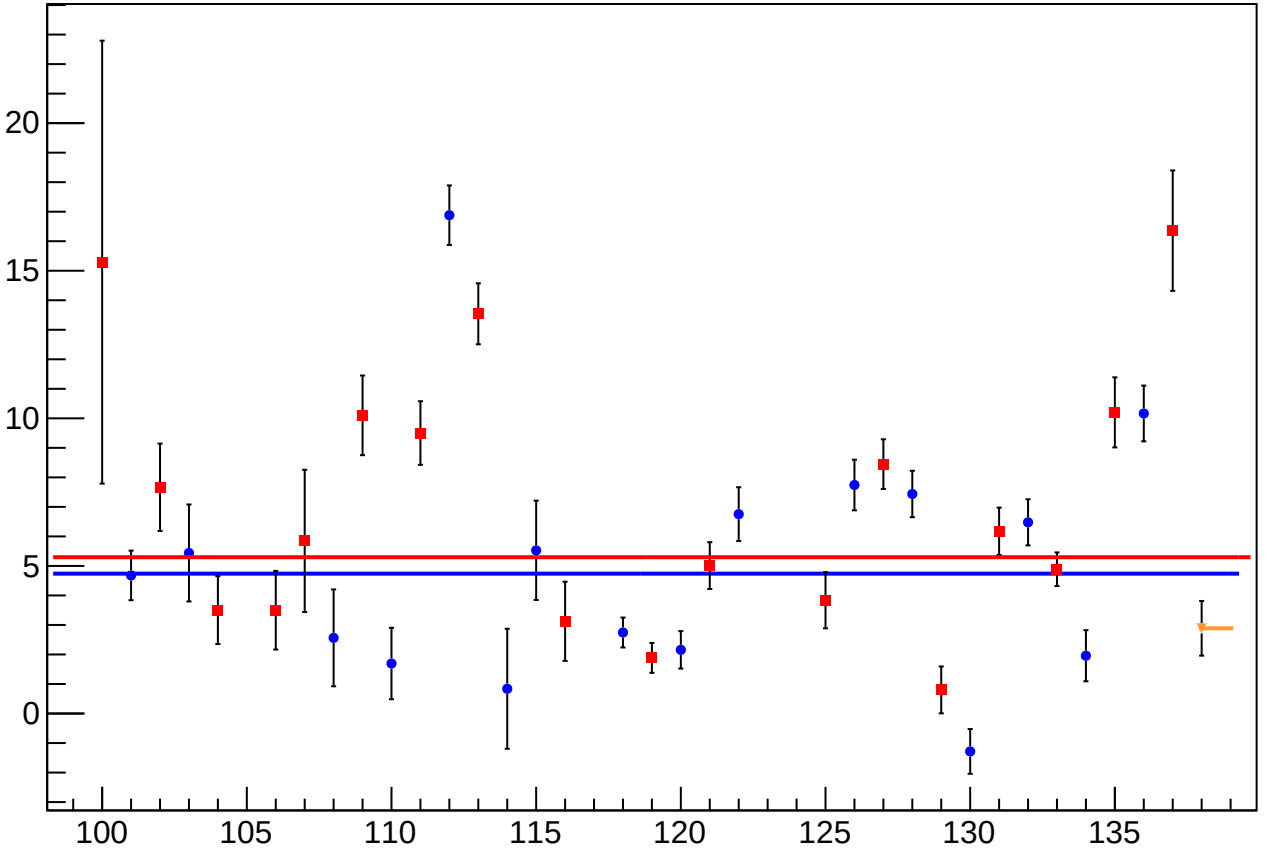
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -33.417+/-0.212 χ^2/NDF: 1042.1/16

All: -33.572+/-0.151 χ^2/NDF: 2191.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.738+/-0.219 χ^2/NDF: 329.6/15

Left Out: 2.887+/-0.926 χ^2/NDF:0.0/0

Right Out: 5.295+/-0.223 χ^2/NDF: 245.0/17

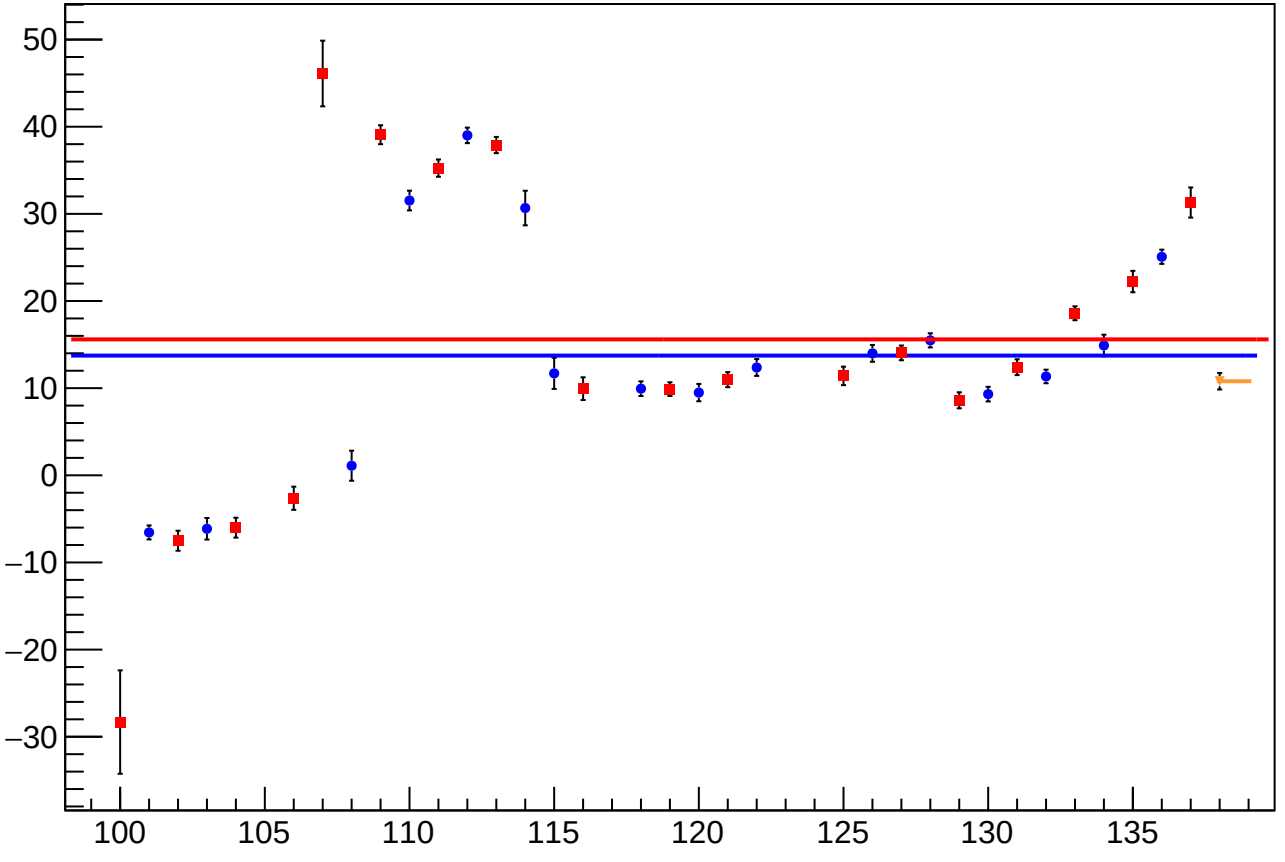
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.640+/-0.213 χ^2/NDF: 333.4/16

All: 4.953+/-0.154 χ^2/NDF: 582.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 13.738+/-0.247 χ^2/NDF: 2349.9/15

Left Out: 10.796+/-0.949 χ^2/NDF:0.0/0

Right Out: 15.599+/-0.250 χ^2/NDF: 2826.3/17

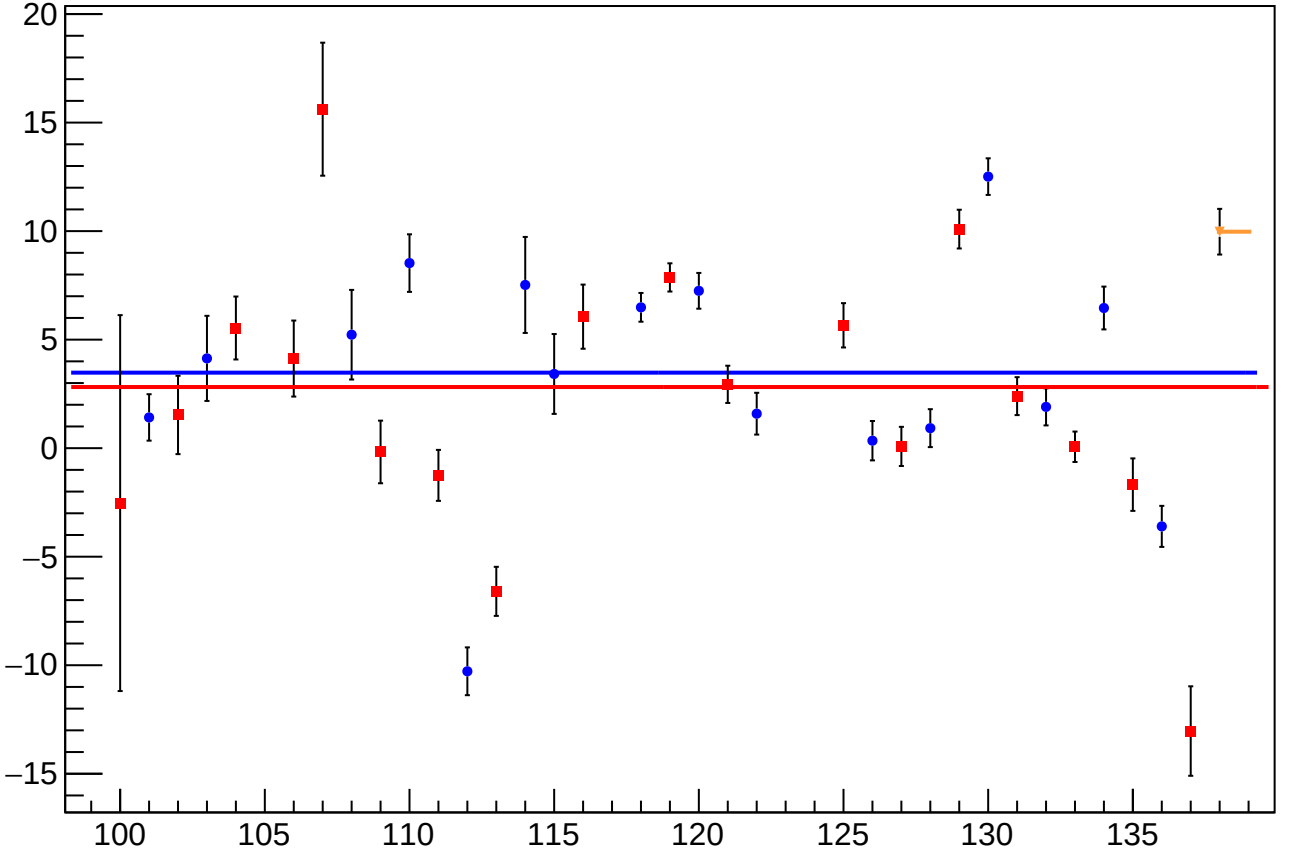
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 13.552+/-0.239 χ^2/NDF: 2358.9/16

All: 14.528+/-0.173 χ^2/NDF: 5220.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 3.479+/-0.254 χ^2/NDF: 427.6/15

Left Out: 9.973+/-1.052 χ^2/NDF:0.0/0

Right Out: 2.817+/-0.257 χ^2/NDF: 345.3/17

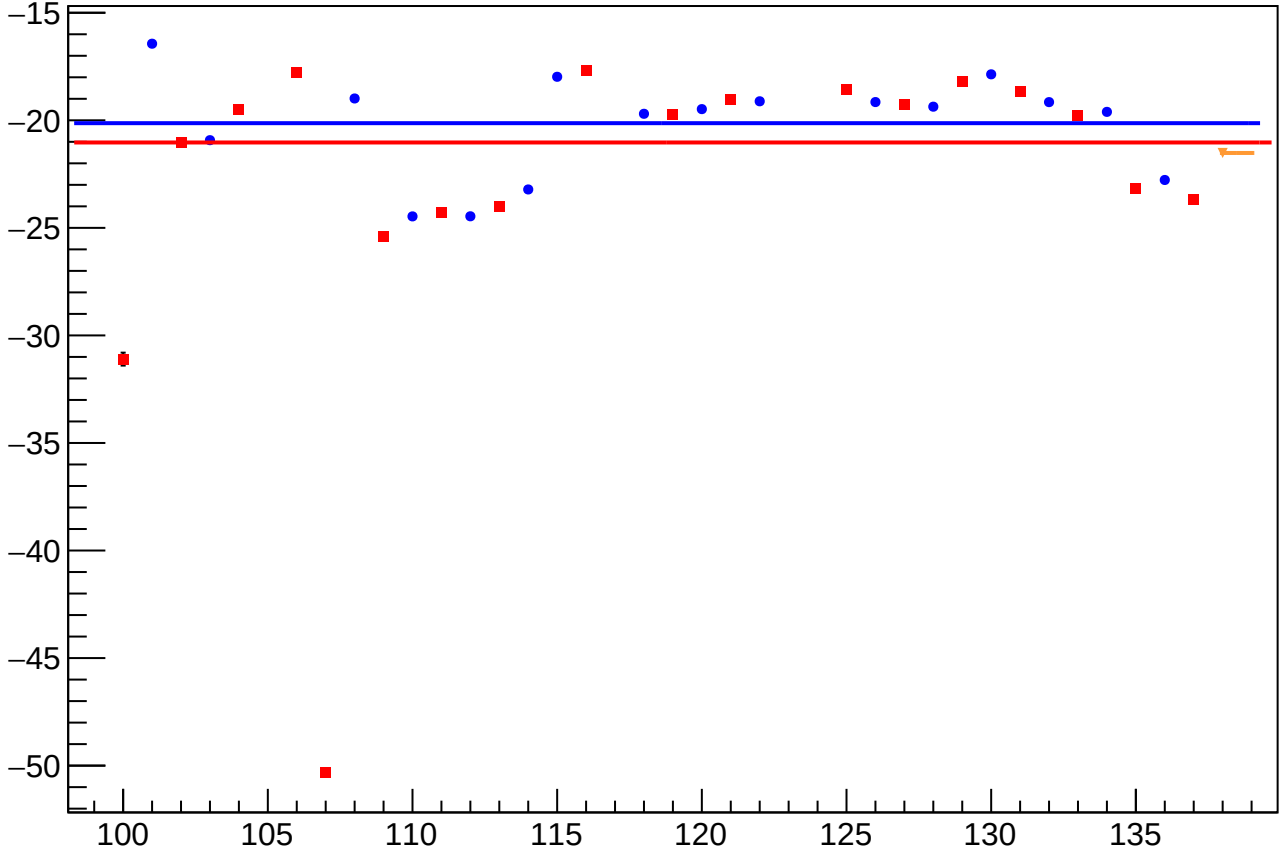
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.836+/-0.247 χ^2/NDF: 463.6/16

All: 3.348+/-0.178 χ^2/NDF: 817.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -20.133+/-0.016 χ^2/NDF: 19831.2/15

Left Out: -21.518+/-0.038 χ^2/NDF:0.0/0

Right Out: -21.031+/-0.016 χ^2/NDF: 57523.6/17

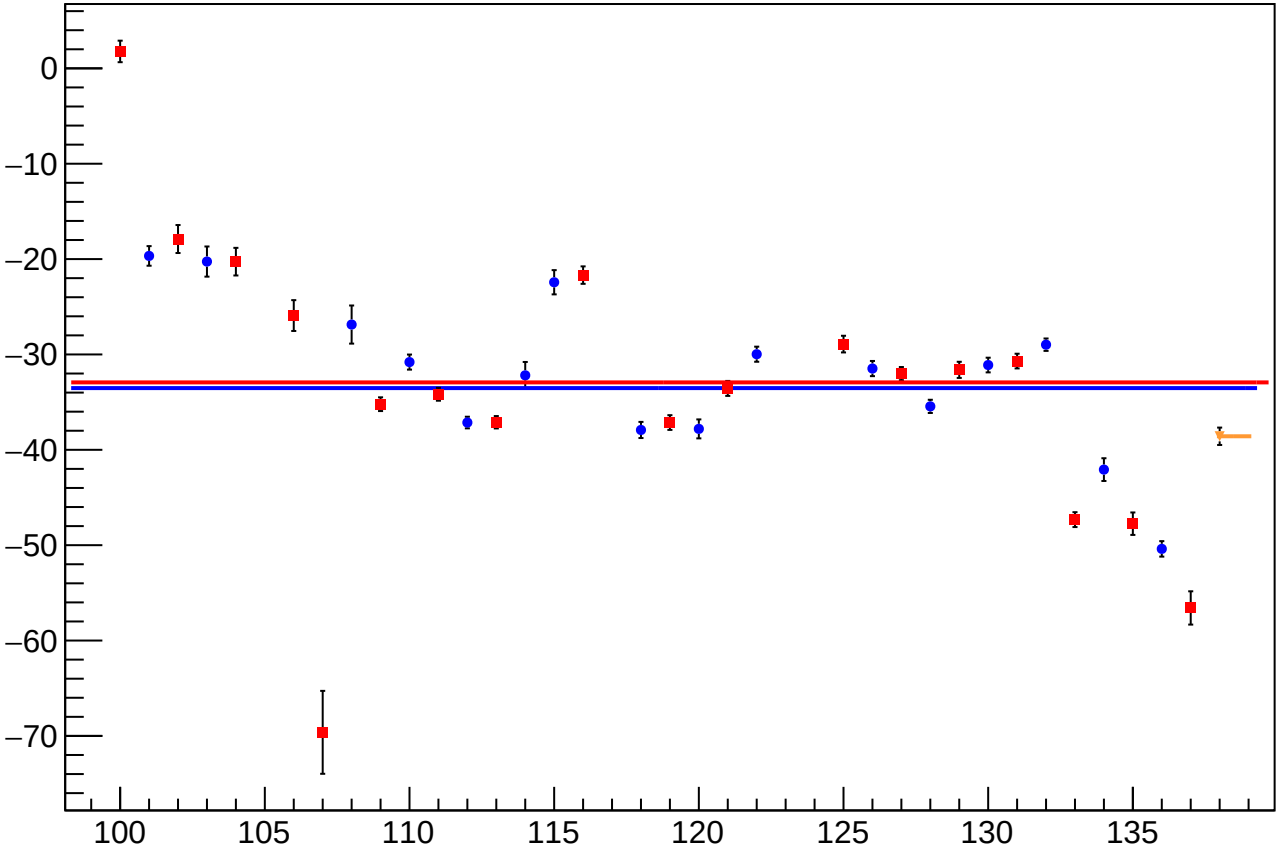
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -20.344+/-0.015 χ^2/NDF: 20972.8/16

All: -20.650+/-0.011 χ^2/NDF: 79461.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -33.528+/-0.218 χ^2/NDF: 1008.7/15

Left Out: -38.581+/-0.911 χ^2/NDF:0.0/0

Right Out: -32.931+/-0.212 χ^2/NDF: 2170.0/17

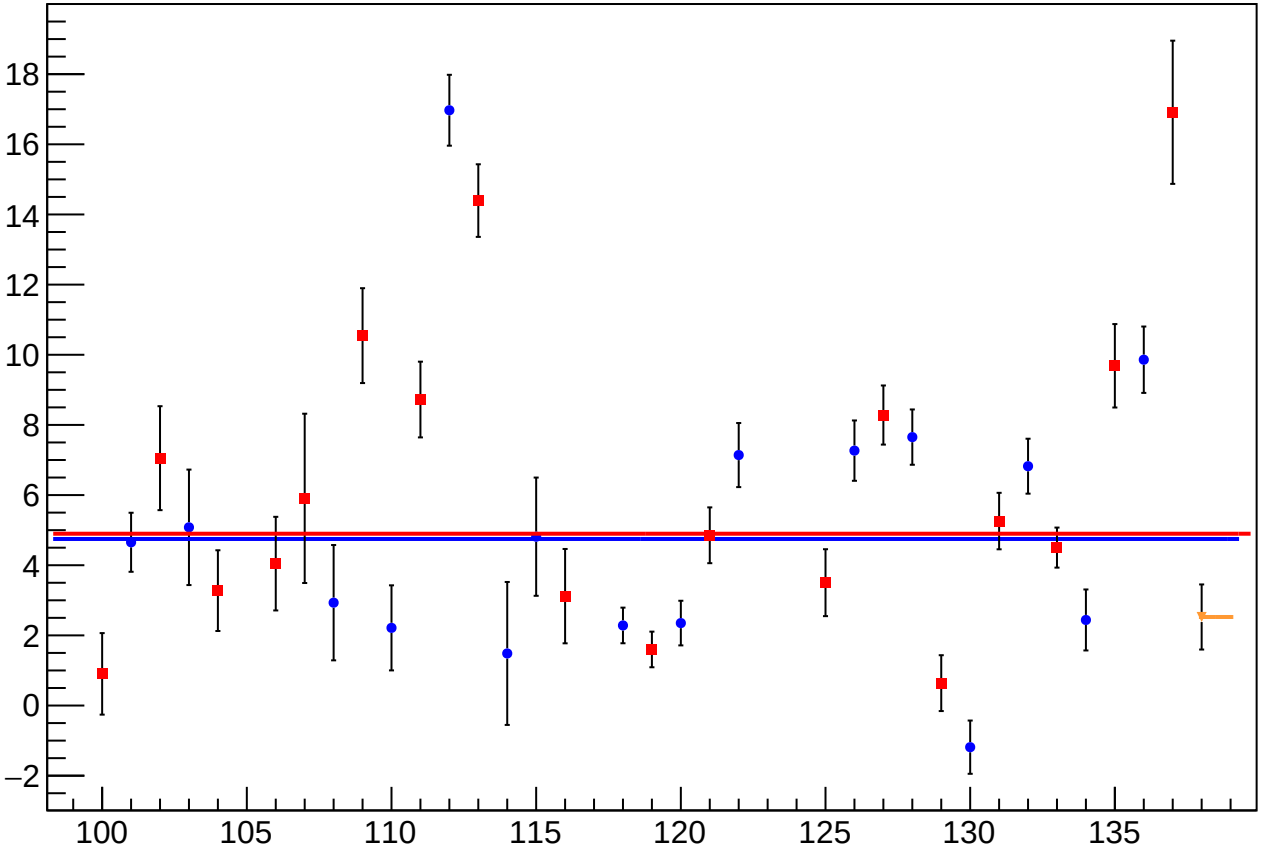
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -33.803+/-0.212 χ^2/NDF: 1037.7/16

All: -33.365+/-0.150 χ^2/NDF: 3216.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.748+/-0.220 χ^2/NDF: 325.7/15

Left Out: 2.524+/-0.928 χ^2/NDF:0.0/0

Right Out: 4.898+/-0.220 χ^2/NDF: 273.1/17

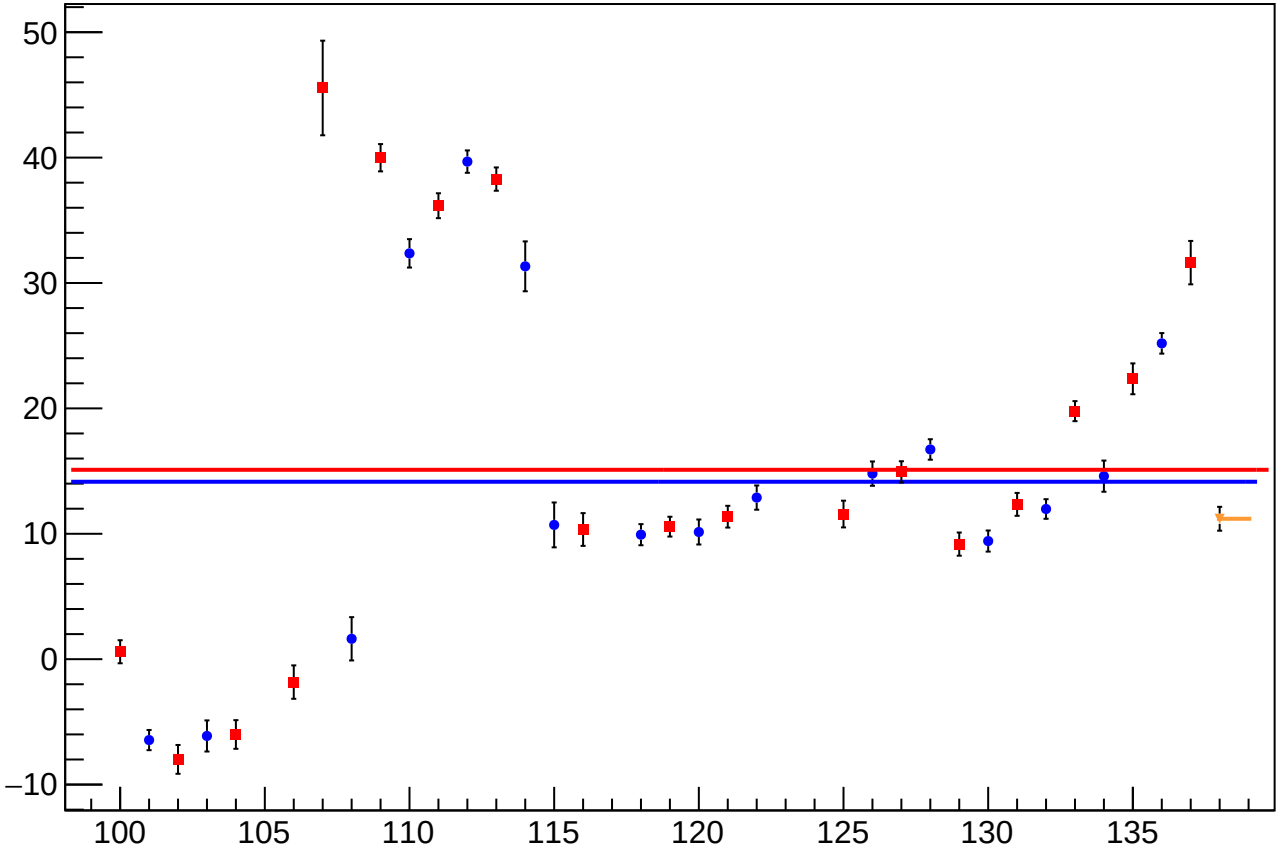
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.630+/-0.214 χ^2/NDF: 331.1/16

All: 4.761+/-0.153 χ^2/NDF: 605.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 14.149+/-0.247 χ^2/NDF: 2402.4/15

Left Out: 11.198+/-0.951 χ^2/NDF:0.0/0

Right Out: 15.103+/-0.242 χ^2/NDF: 3102.3/17

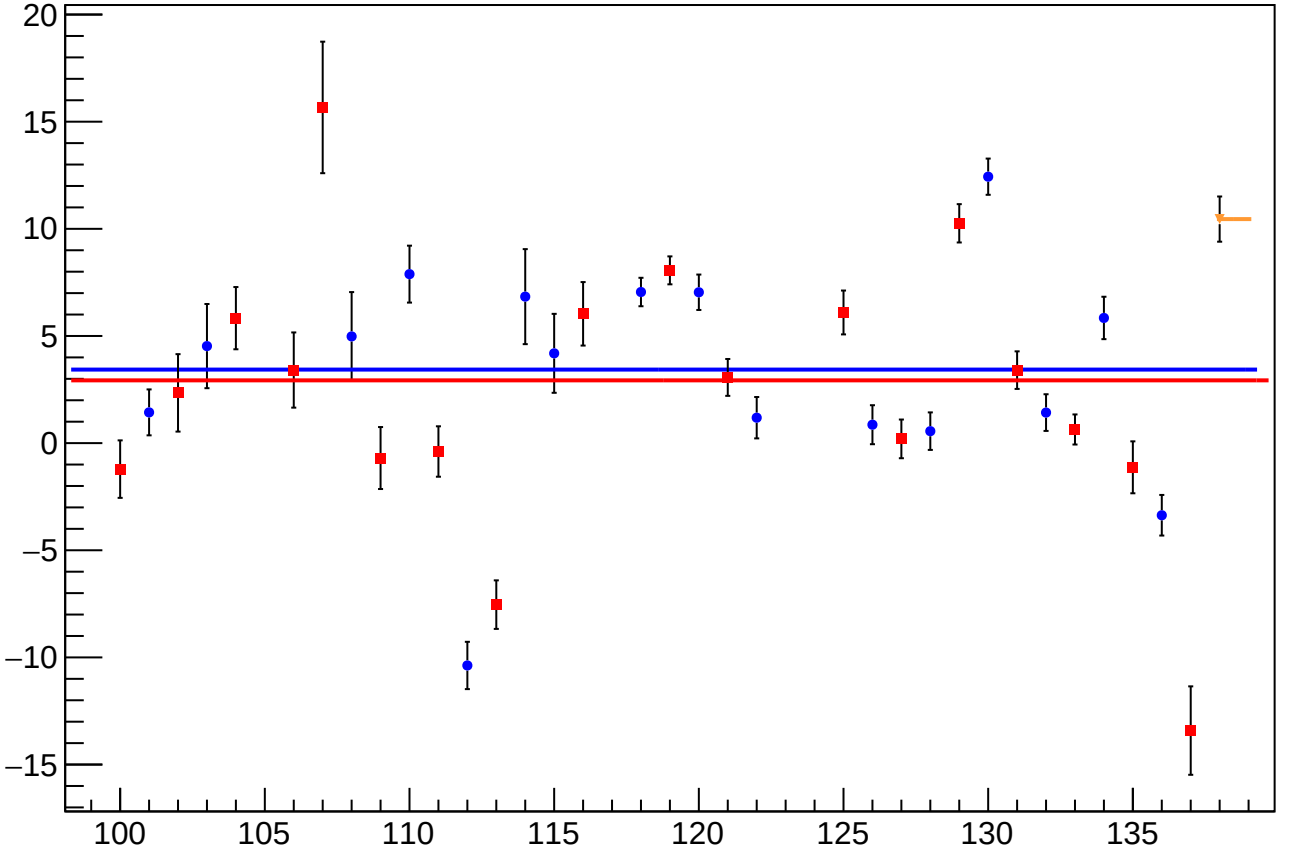
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13.962+/-0.239 χ^2/NDF: 2411.4/16

All: 14.526+/-0.170 χ^2/NDF: 5524.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 3.432+/-0.254 χ^2/NDF: 424.0/15

Left Out: 10.454+/-1.055 χ^2/NDF:0.0/0

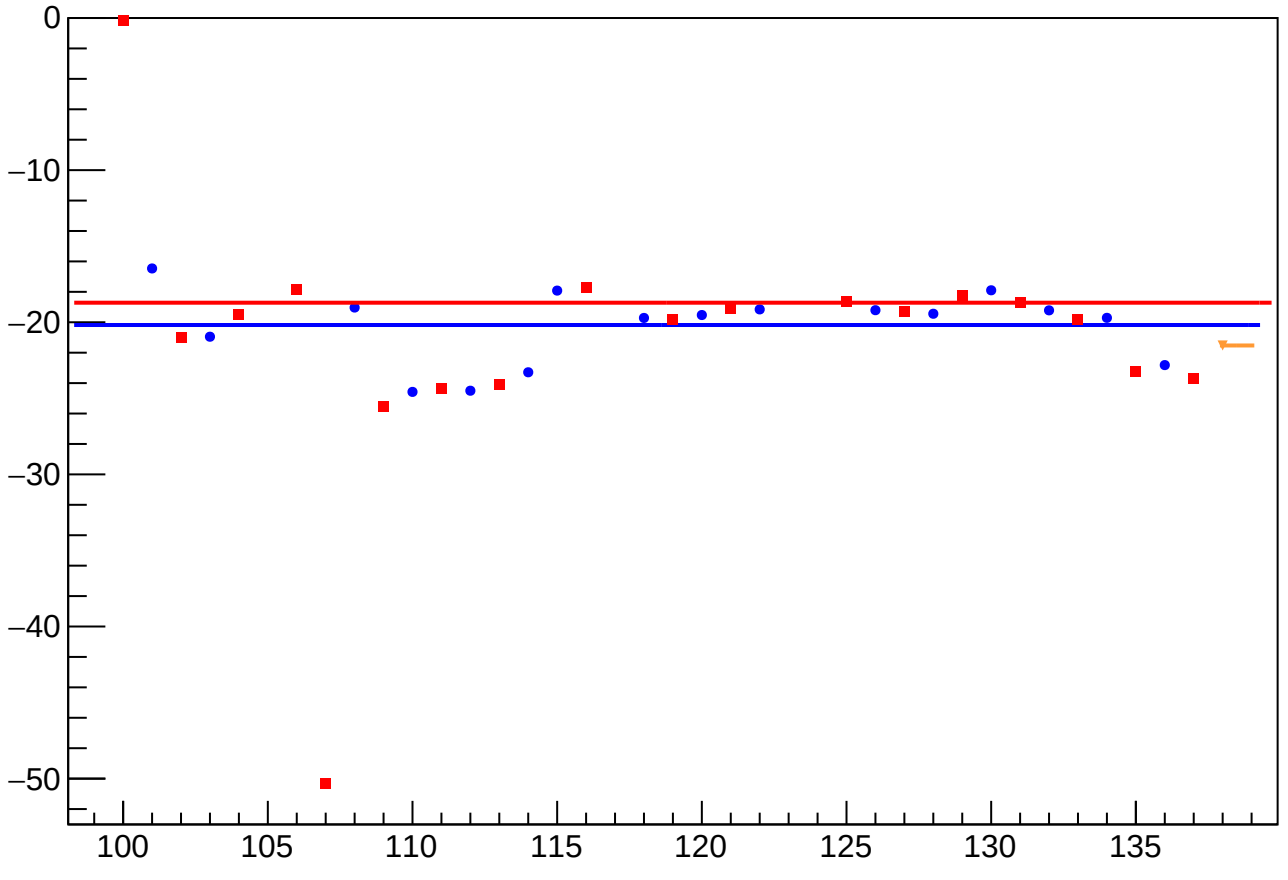
Right Out: 2.929+/-0.253 χ^2/NDF: 367.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.817+/-0.247 χ^2/NDF: 465.9/16

All: 3.384+/-0.177 χ^2/NDF: 839.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -20.180+/-0.016 χ^2/NDF: 19856.9/15

Left Out: -21.526+/-0.038 χ^2/NDF:0.0/0

Right Out: -18.714+/-0.016 χ^2/NDF: 234667.0/17

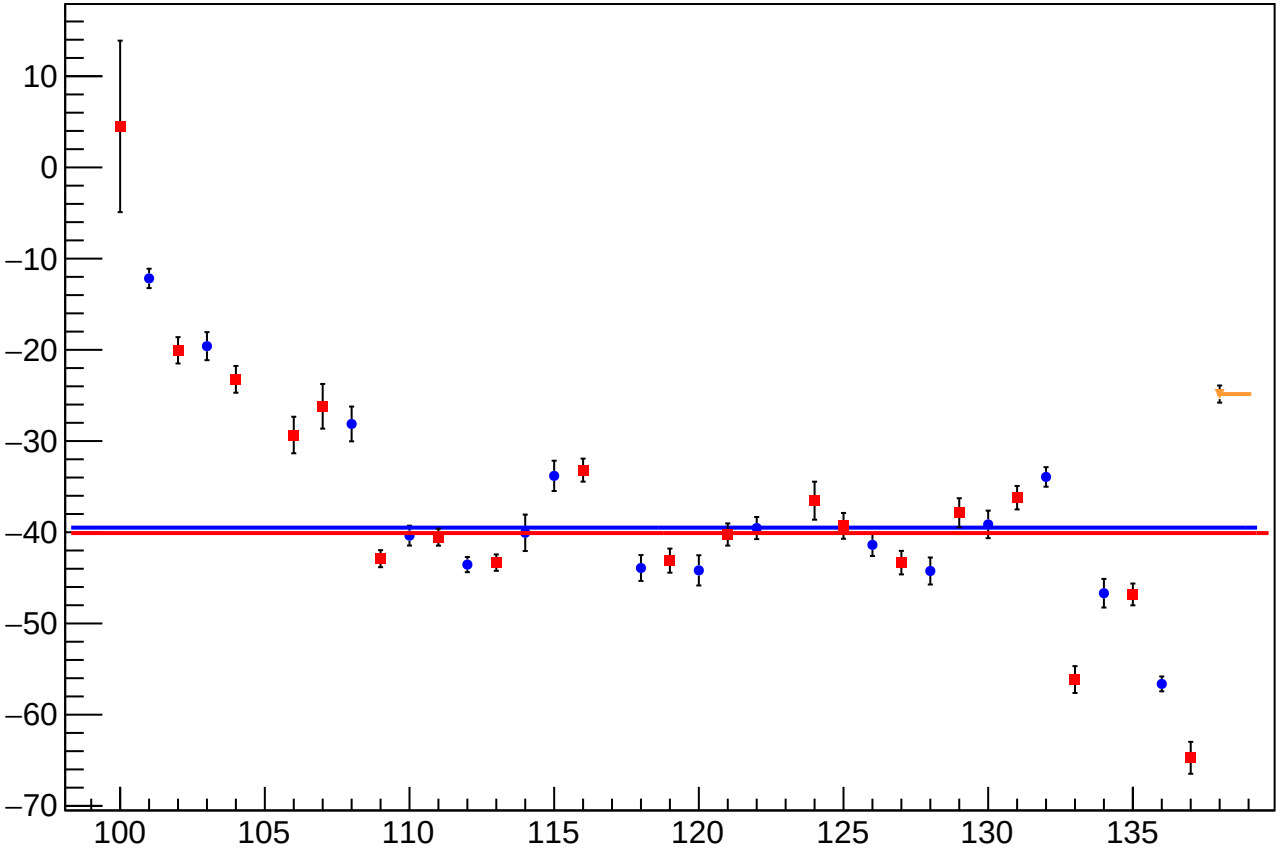
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -20.386+/-0.015 χ^2/NDF: 20930.1/16

All: -19.594+/-0.011 χ^2/NDF: 261664.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -39.493+/-0.311 χ^2/NDF: 1417.1/15

Left Out: -24.849+/-0.941 χ^2/NDF:0.0/0

Right Out: -40.090+/-0.307 χ^2/NDF: 834.9/18

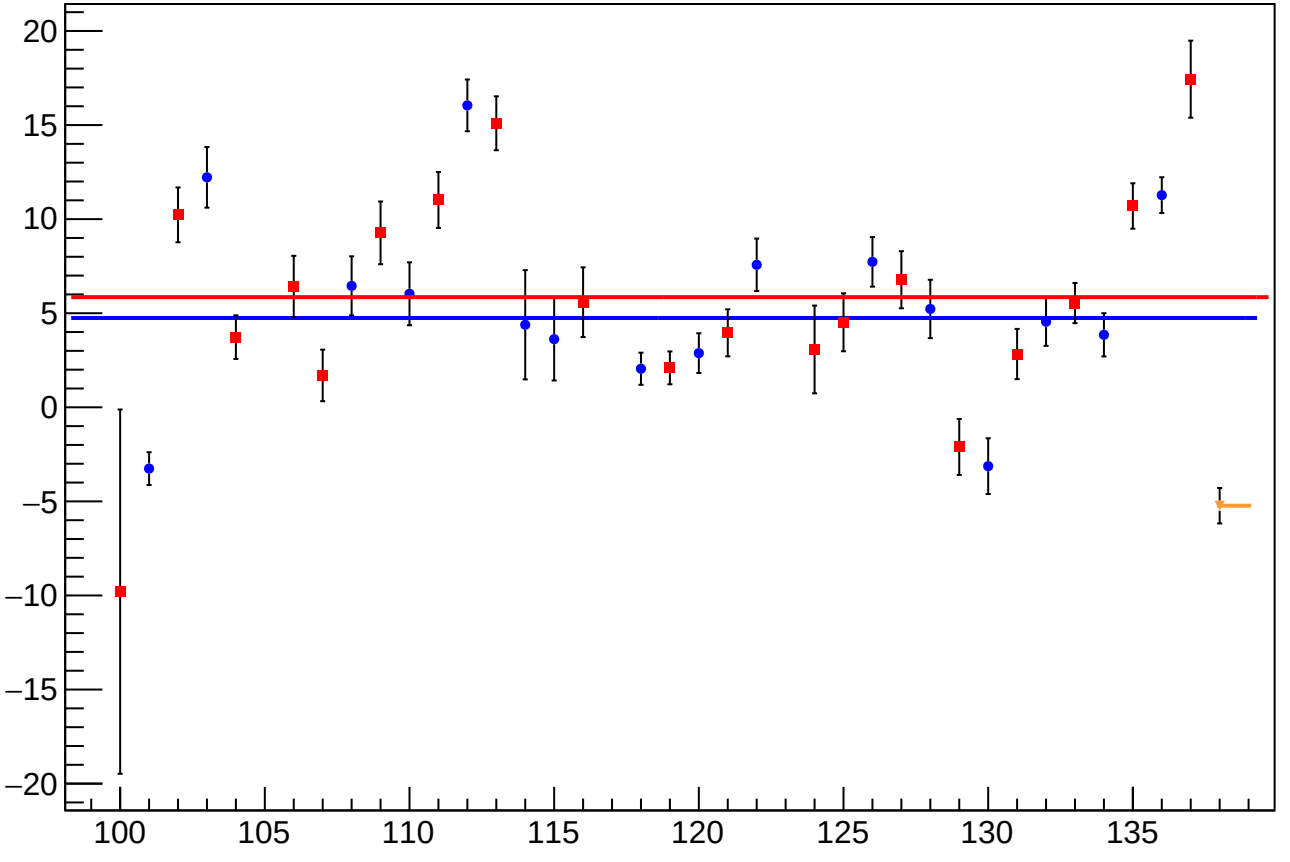
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -38.052+/-0.295 χ^2/NDF: 1635.6/16

All: -39.030+/-0.213 χ^2/NDF: 2493.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 4.747+/-0.316 χ^2/NDF: 273.8/15

Left Out: -5.230+/-0.942 χ^2/NDF:0.0/0

Right Out: 5.854+/-0.324 χ^2/NDF: 187.6/18

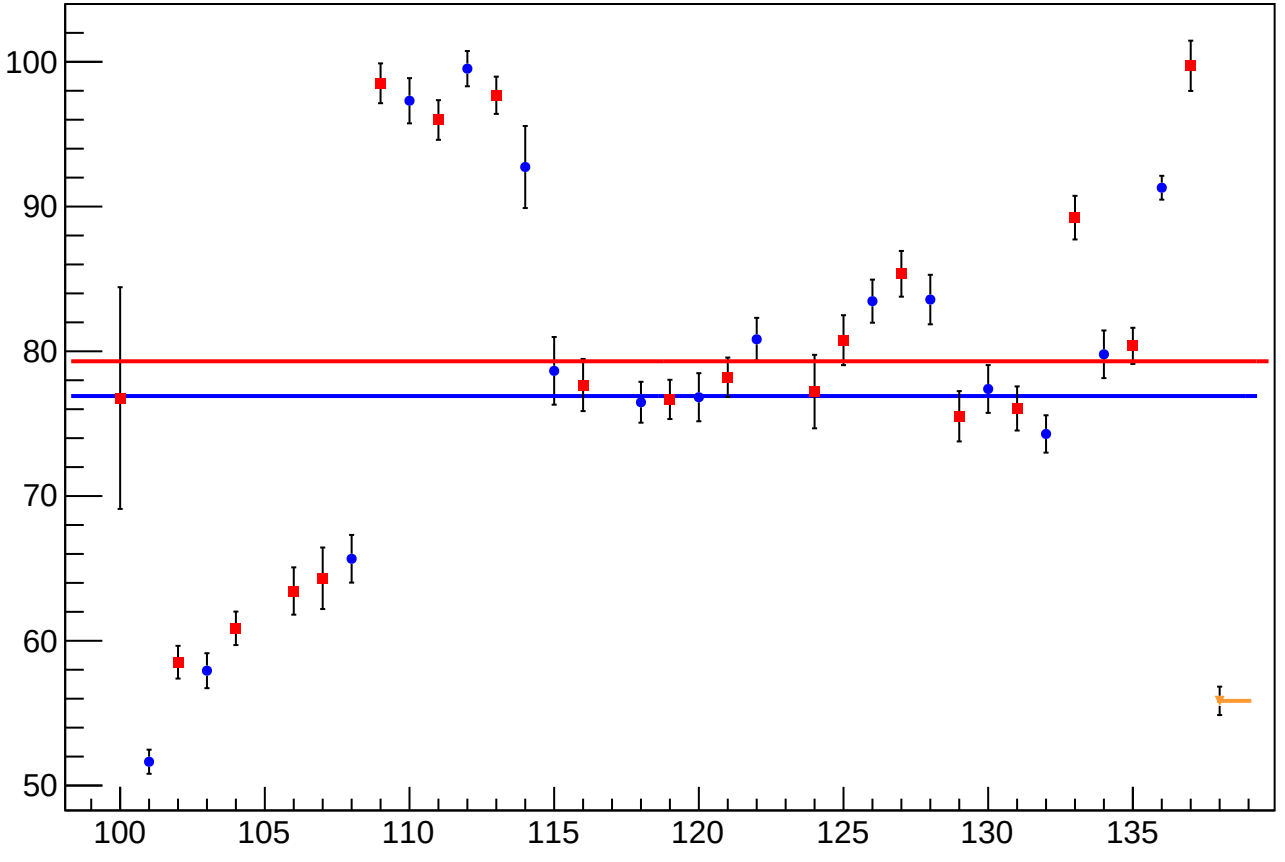
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.738+/-0.300 χ^2/NDF: 374.7/16

All: 4.714+/-0.220 χ^2/NDF: 585.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.909+/-0.337 χ^2/NDF: 2116.0/15

Left Out: 55.850+/-0.981 χ^2/NDF:0.0/0

Right Out: 79.311+/-0.348 χ^2/NDF: 1496.4/18

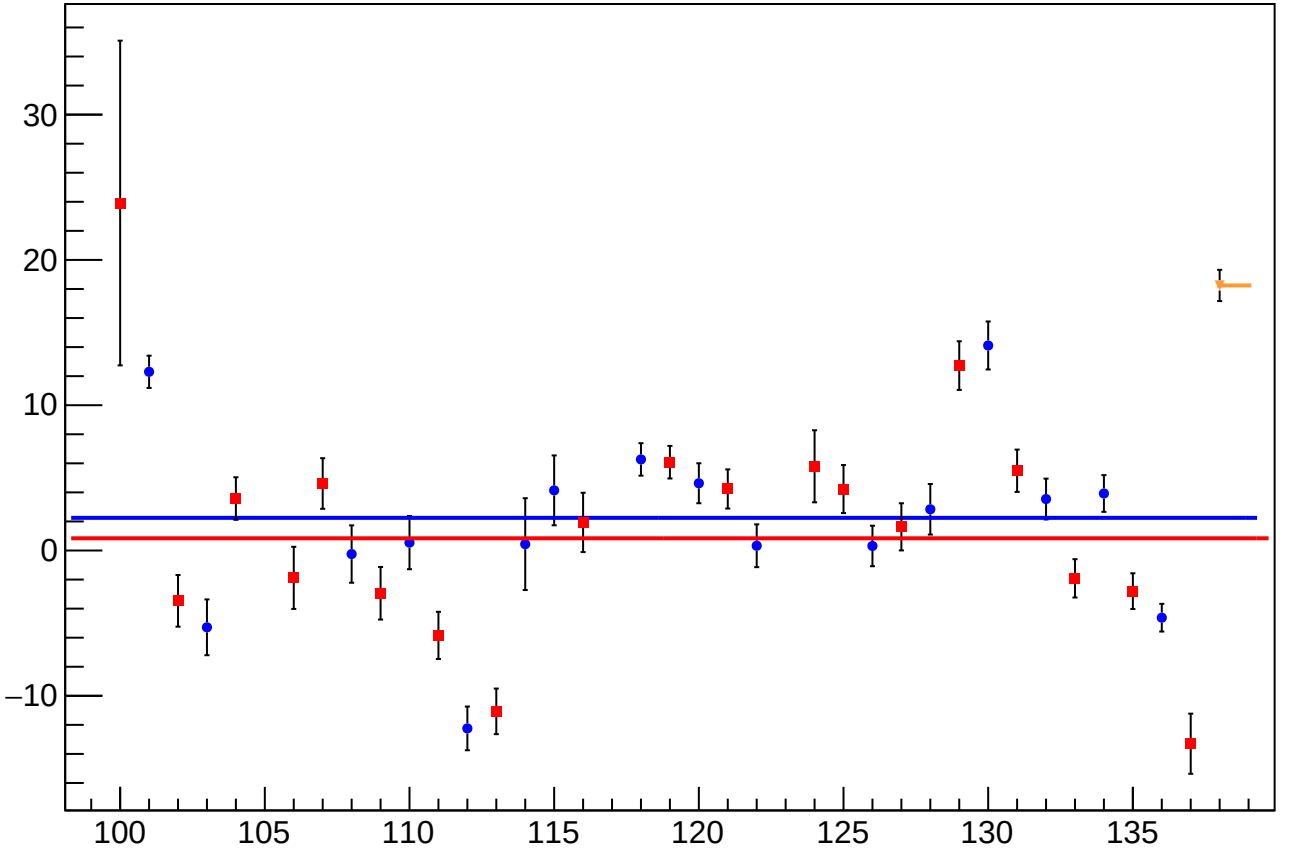
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 74.690+/-0.319 χ^2/NDF: 2527.8/16

All: 76.798+/-0.235 χ^2/NDF: 4120.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 2.248+/-0.363 χ^2/NDF: 319.6/15

Left Out: 18.243+/-1.075 χ^2/NDF:0.0/0

Right Out: 0.840+/-0.372 χ^2/NDF: 256.2/18

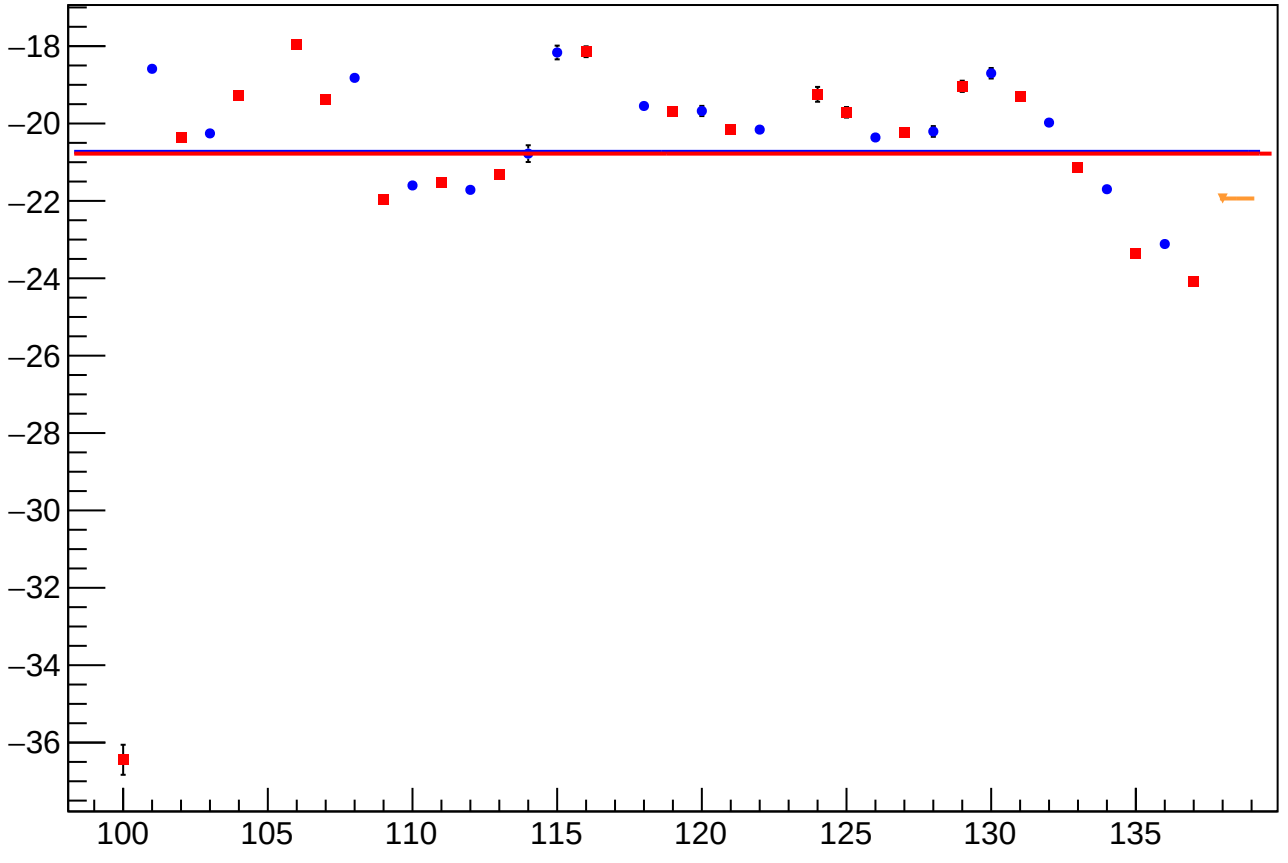
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.886+/-0.344 χ^2/NDF: 518.4/16

All: 2.482+/-0.253 χ^2/NDF: 810.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.732+/-0.019 χ^2/NDF: 7634.1/15

Left Out: -21.938+/-0.039 χ^2/NDF:0.0/0

Right Out: -20.778+/-0.020 χ^2/NDF: 9426.6/18

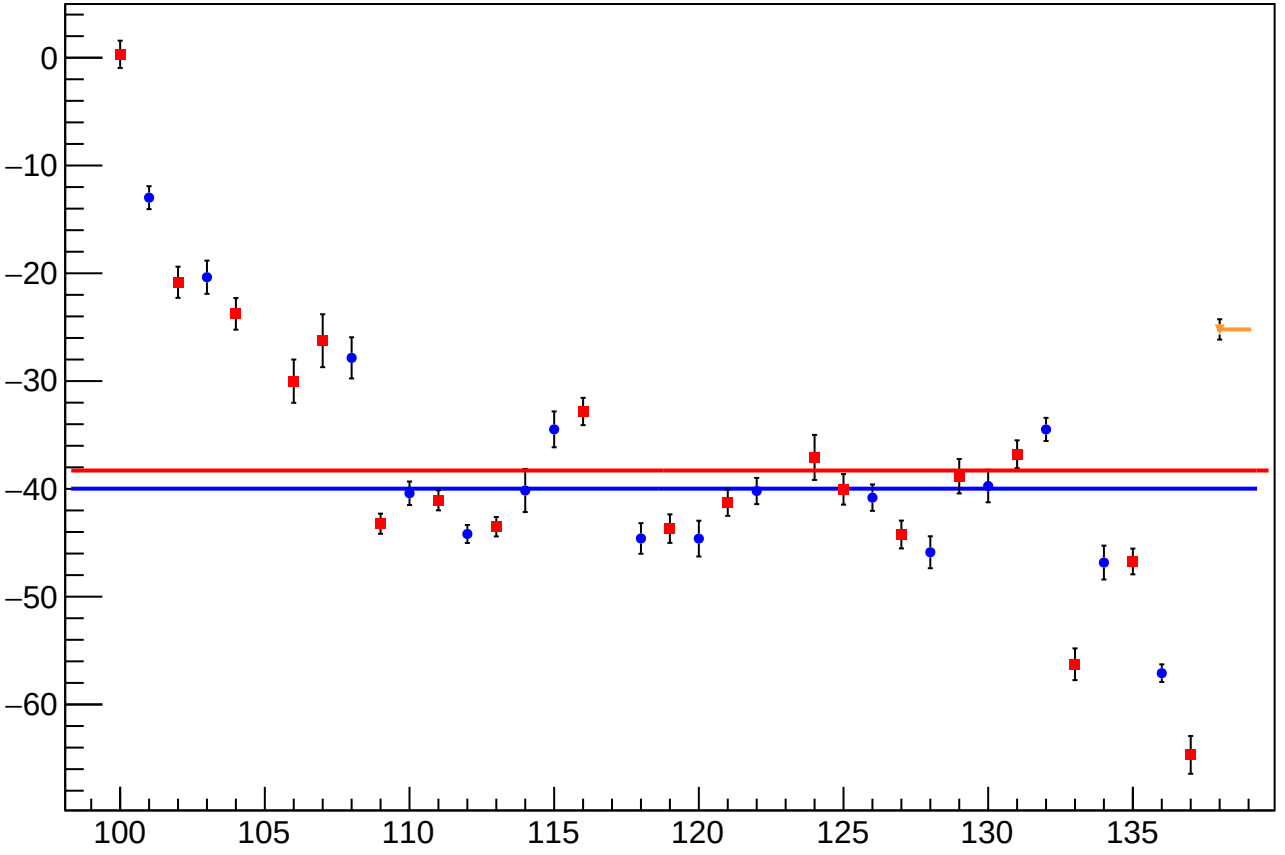
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -20.970+/-0.017 χ^2/NDF: 8393.5/16

All: -20.888+/-0.013 χ^2/NDF: 17871.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -39.979+/-0.311 χ^2/NDF: 1398.4/15

Left Out: -25.207+/-0.942 χ^2/NDF:0.0/0

Right Out: -38.295+/-0.299 χ^2/NDF: 1773.8/18

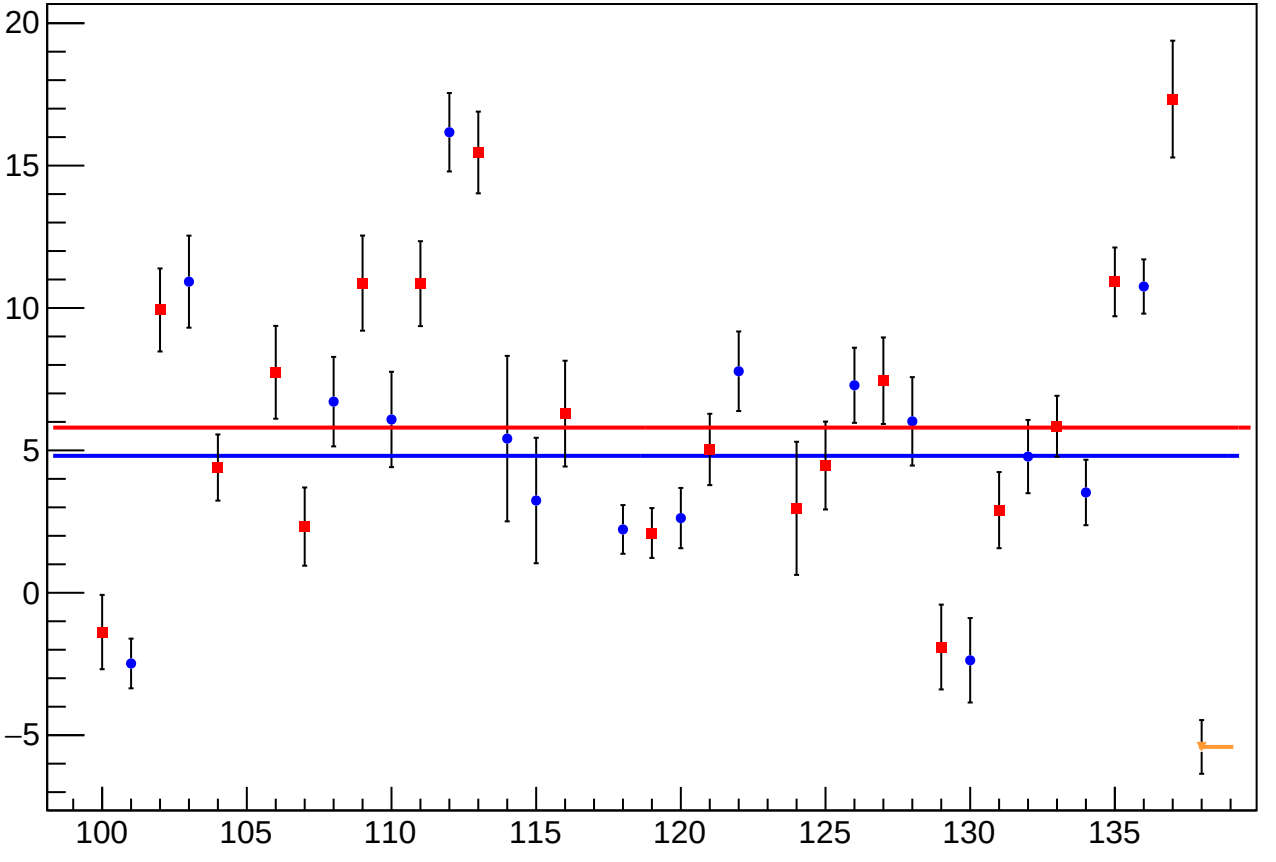
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -38.528+/-0.295 χ^2/NDF: 1620.0/16

All: -38.413+/-0.210 χ^2/NDF: 3394.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.808+/-0.316 χ^2/NDF: 240.5/15

Left Out: -5.412+/-0.944 χ^2/NDF:0.0/0

Right Out: 5.801+/-0.315 χ^2/NDF: 216.4/18

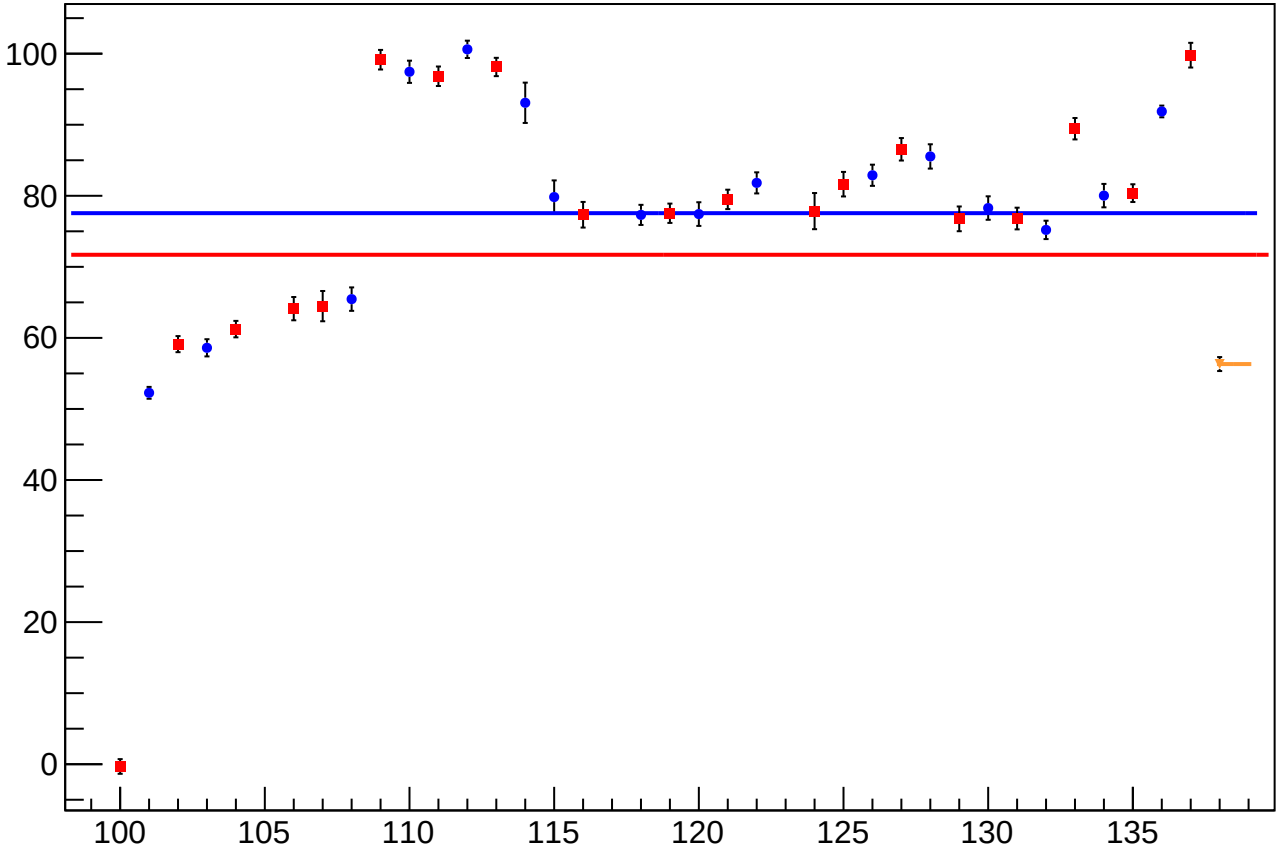
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.775+/-0.300 χ^2/NDF: 345.9/16

All: 4.739+/-0.217 χ^2/NDF: 584.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 77.554+/-0.337 χ^2/NDF: 2118.3/15

Left Out: 56.318+/-0.983 χ^2/NDF:0.0/0

Right Out: 71.699+/-0.330 χ^2/NDF: 6903.5/18

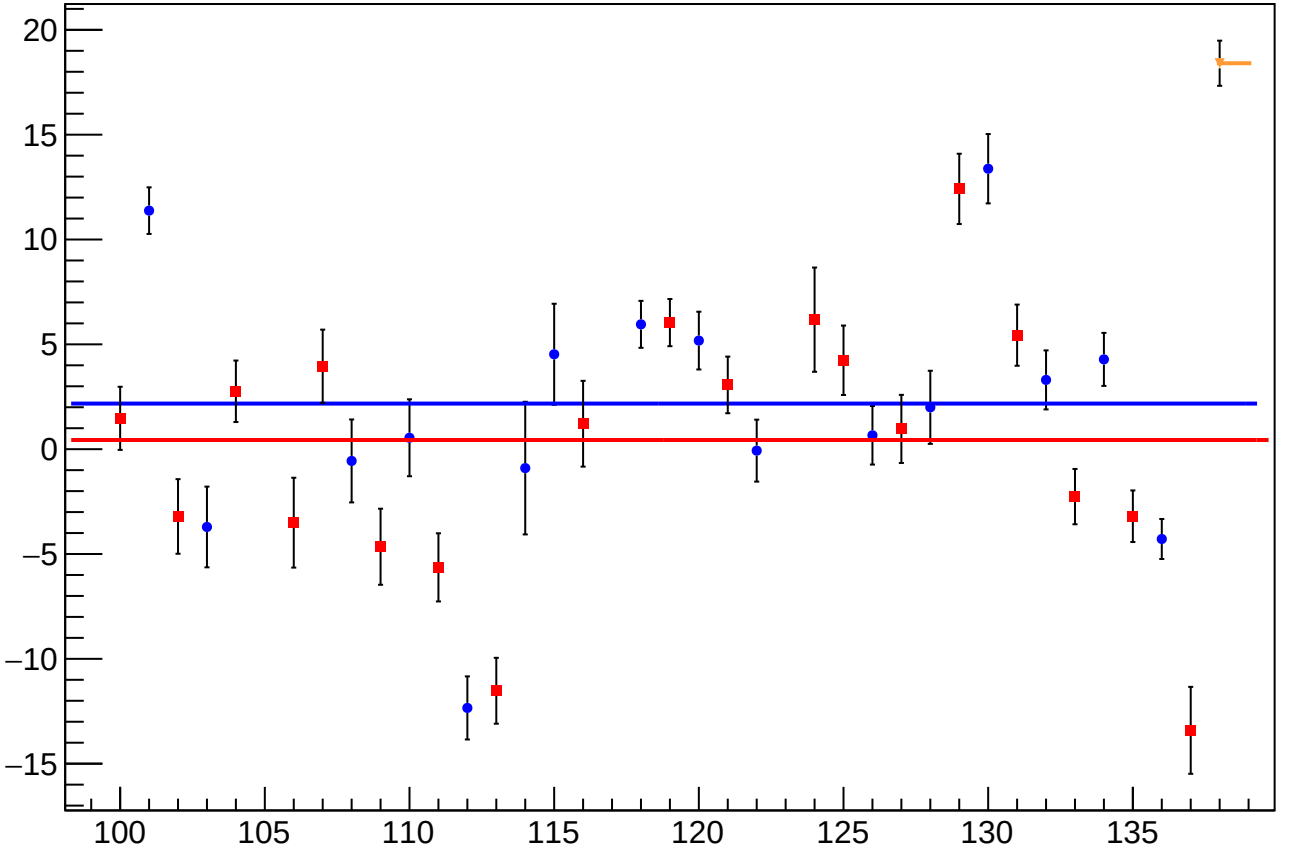
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.317+/-0.319 χ^2/NDF: 2535.5/16

All: 73.571+/-0.230 χ^2/NDF: 9501.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 2.175+/-0.364 χ^2/NDF: 290.3/15

Left Out: 18.407+/-1.077 χ^2/NDF:0.0/0

Right Out: 0.438+/-0.362 χ^2/NDF: 254.1/18

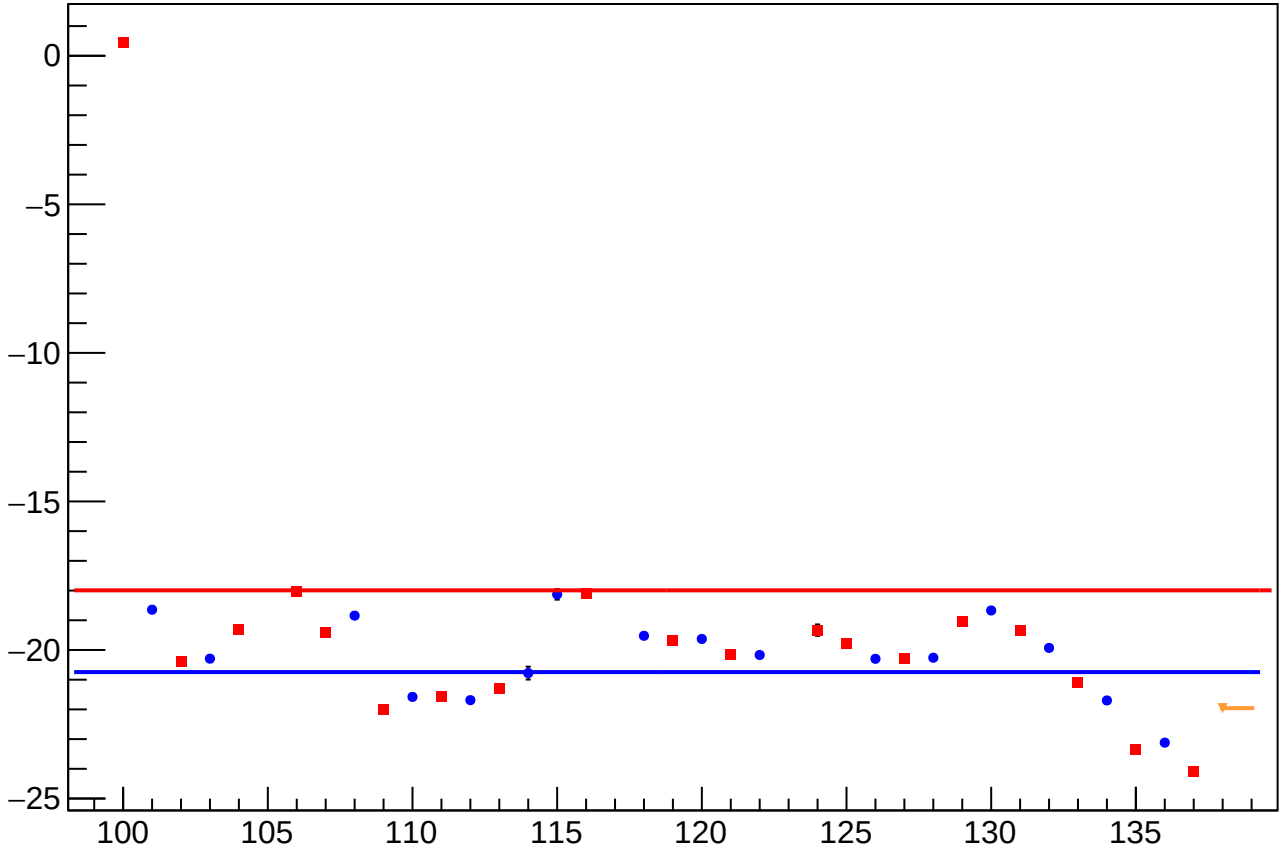
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.836+/-0.344 χ^2/NDF: 494.3/16

All: 2.221+/-0.250 χ^2/NDF: 794.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.745+/-0.019 χ^2/NDF: 7513.6/15

Left Out: -21.958+/-0.039 χ^2/NDF:0.0/0

Right Out: -17.993+/-0.019 χ^2/NDF: 150579.1/18

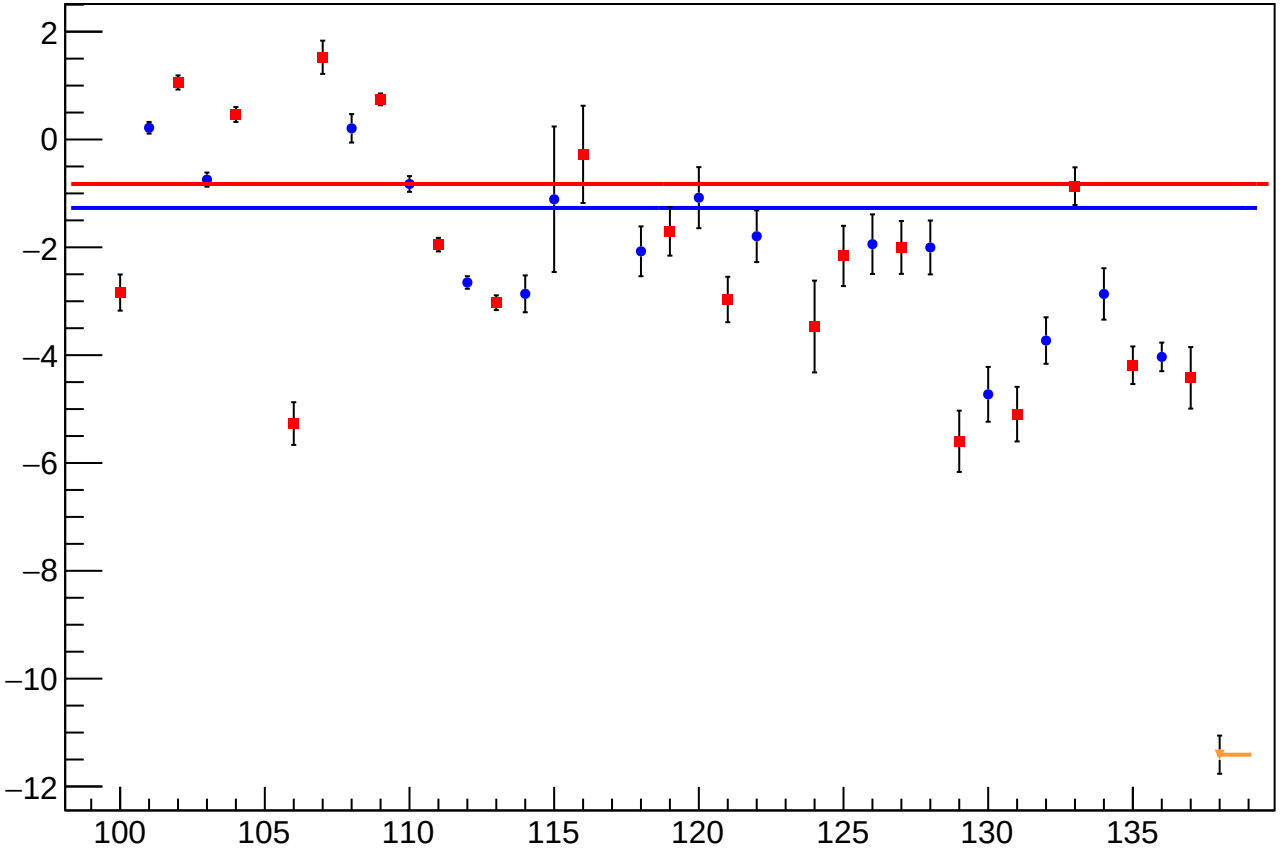
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -20.984+/-0.017 χ^2/NDF: 8280.6/16

All: -19.607+/-0.013 χ^2/NDF: 172407.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.270+/-0.055 χ^2/NDF: 616.5/15

Left Out: -11.410+/-0.354 χ^2/NDF:0.0/0

Right Out: -0.825+/-0.051 χ^2/NDF: 1384.3/18

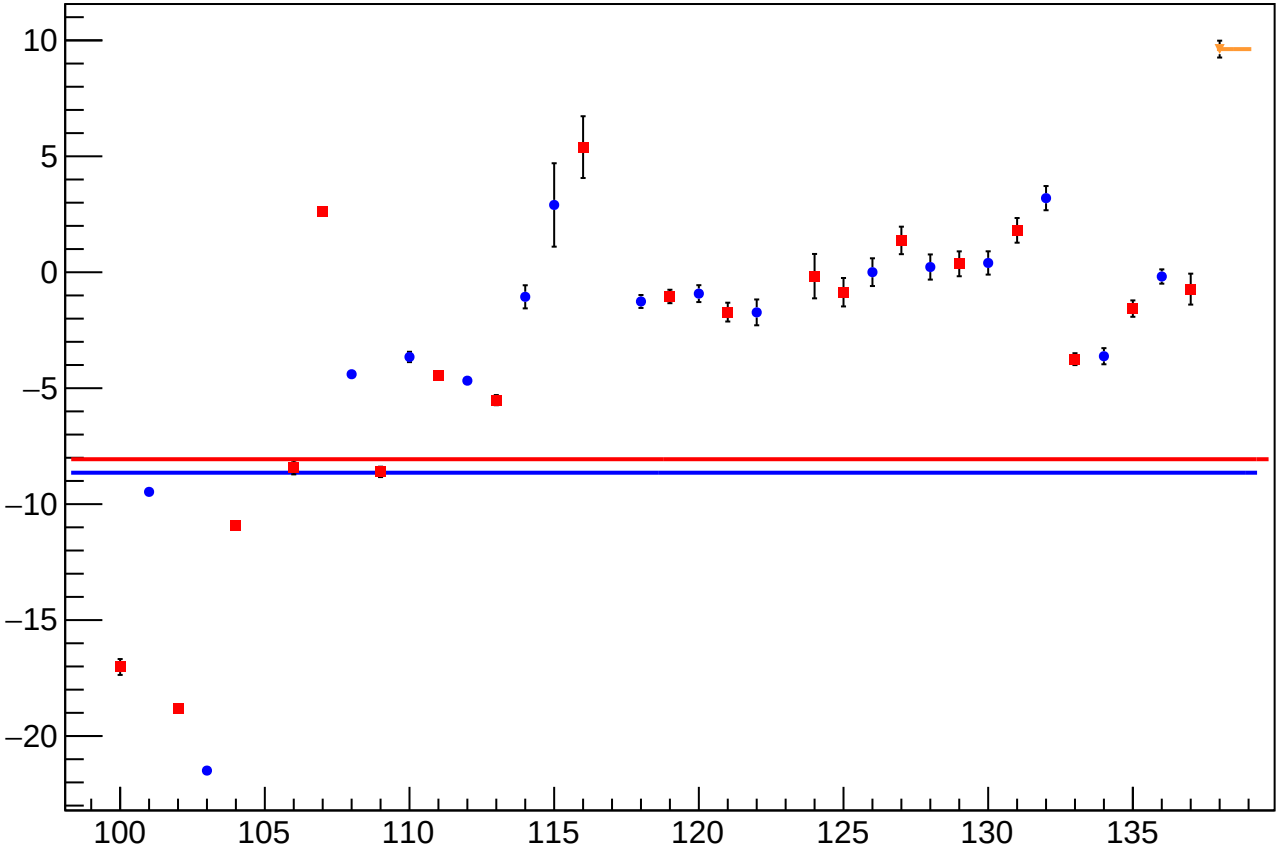
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.504+/-0.054 χ^2/NDF: 1416.3/16

All: -1.146+/-0.037 χ^2/NDF: 2884.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -8.645+/-0.057 χ^2/NDF: 13827.6/15

Left Out: 9.623+/-0.364 χ^2/NDF:0.0/0

Right Out: -8.063+/-0.058 χ^2/NDF: 14427.9/18

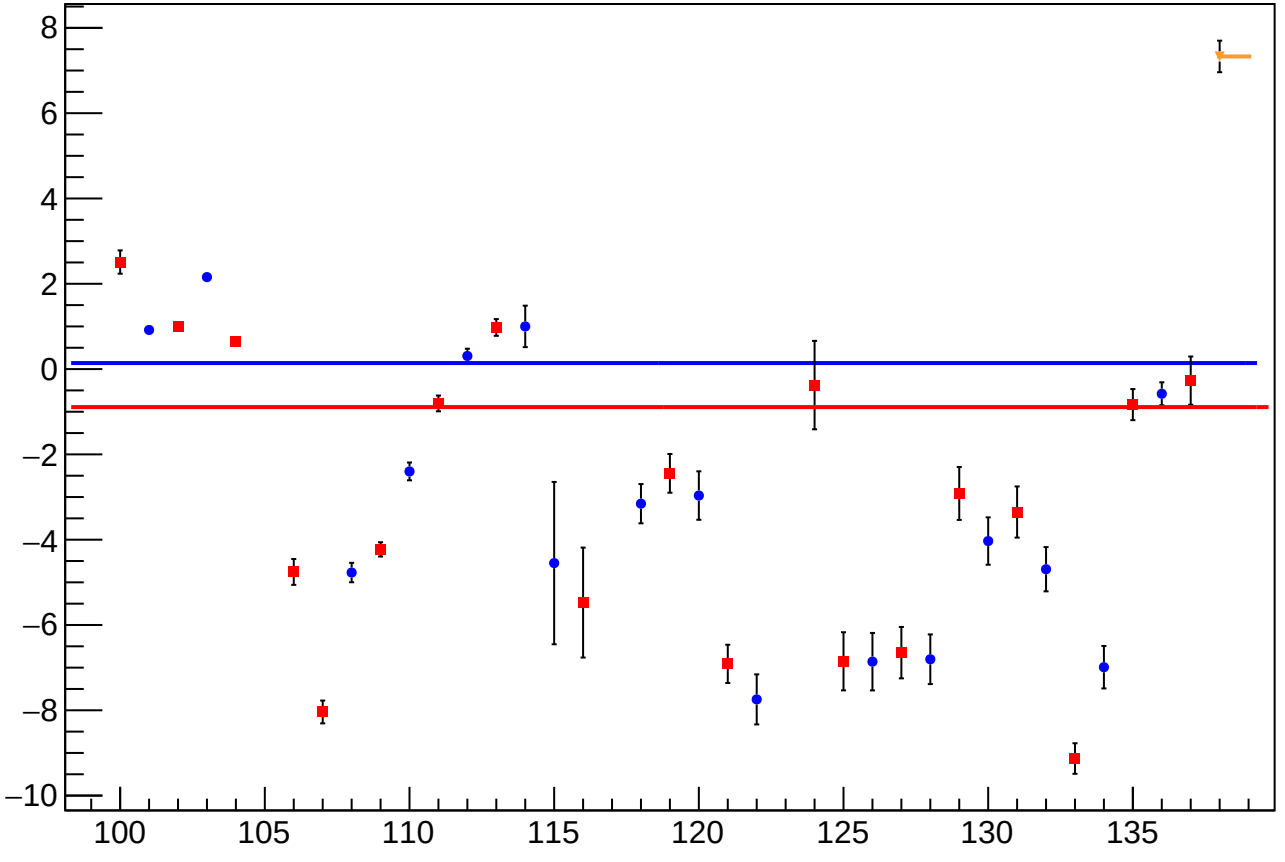
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.208+/-0.056 χ^2/NDF: 16286.7/16

All: -8.137+/-0.040 χ^2/NDF: 30717.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.141+/-0.053 χ^2/NDF: 1959.8/15

Left Out: 7.330+/-0.370 χ^2/NDF:0.0/0

Right Out: -0.891+/-0.054 χ^2/NDF: 2985.7/18

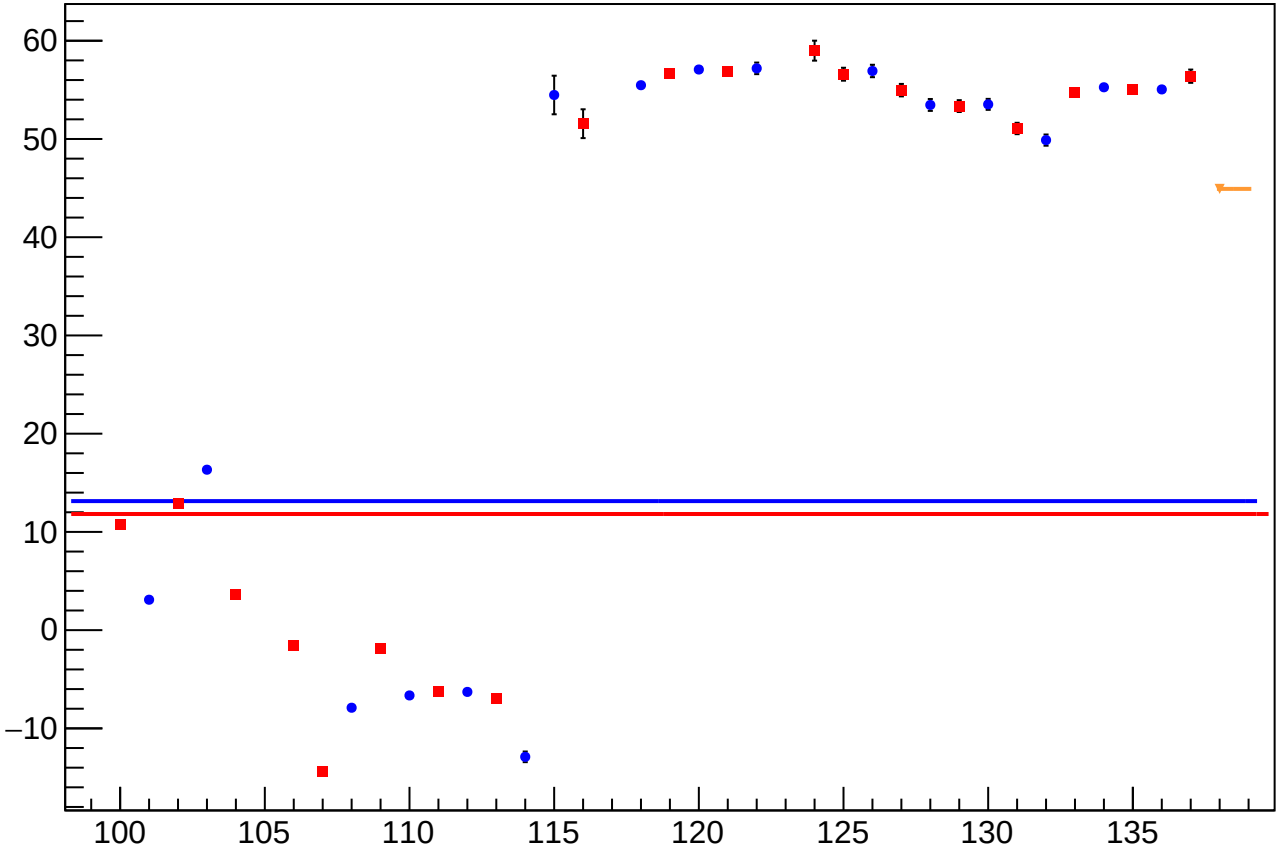
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.286+/-0.052 χ^2/NDF: 2329.8/16

All: -0.289+/-0.037 χ^2/NDF: 5561.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 13.136+/-0.068 χ^2/NDF: 108574.4/15

Left Out: 44.920+/-0.412 χ^2/NDF:0.0/0

Right Out: 11.822+/-0.068 χ^2/NDF: 118168.5/18

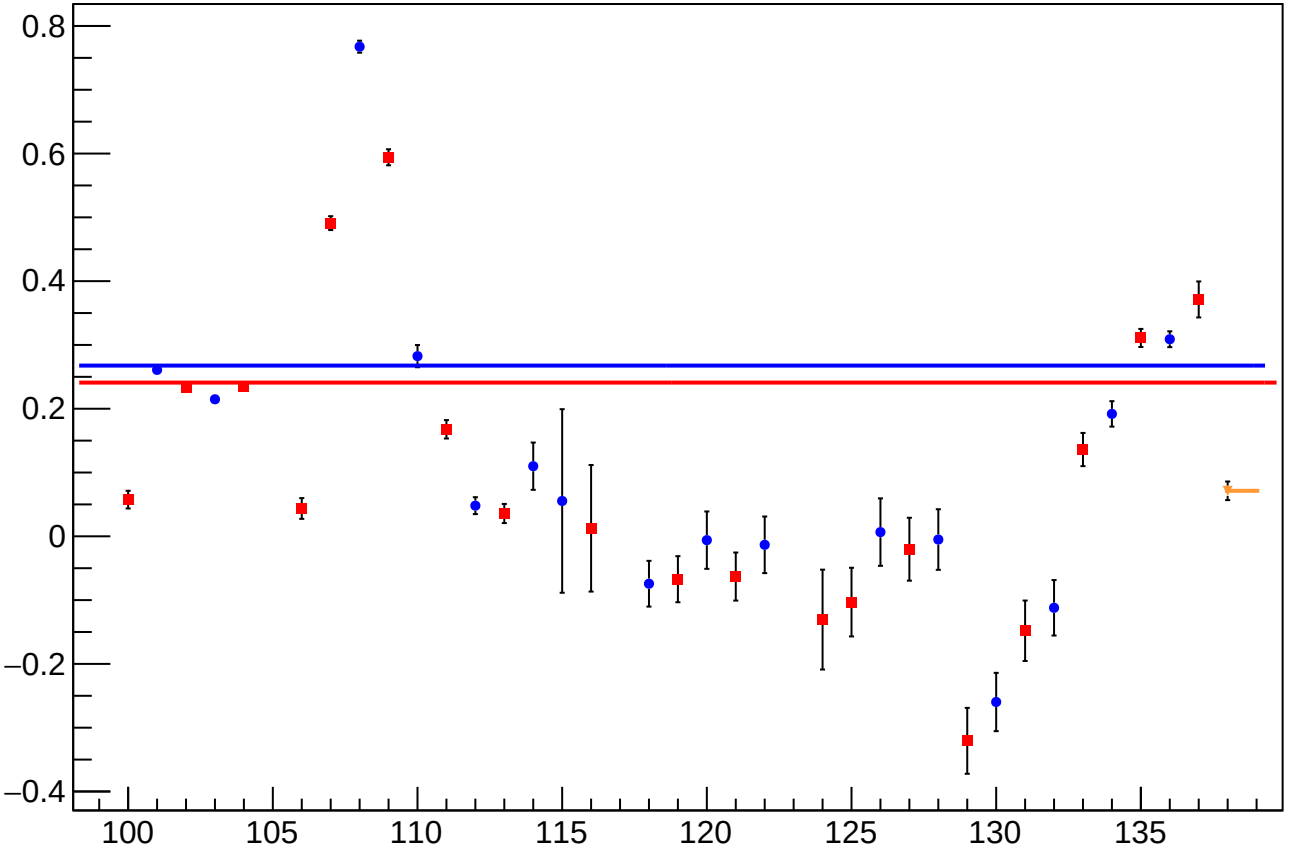
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13.979+/-0.067 χ^2/NDF: 114377.3/16

All: 12.914+/-0.048 χ^2/NDF: 233056.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.268+/-0.003 χ^2/NDF: 3720.4/15

Left Out: 0.071+/-0.015 χ^2/NDF:0.0/0

Right Out: 0.241+/-0.003 χ^2/NDF: 2339.2/18

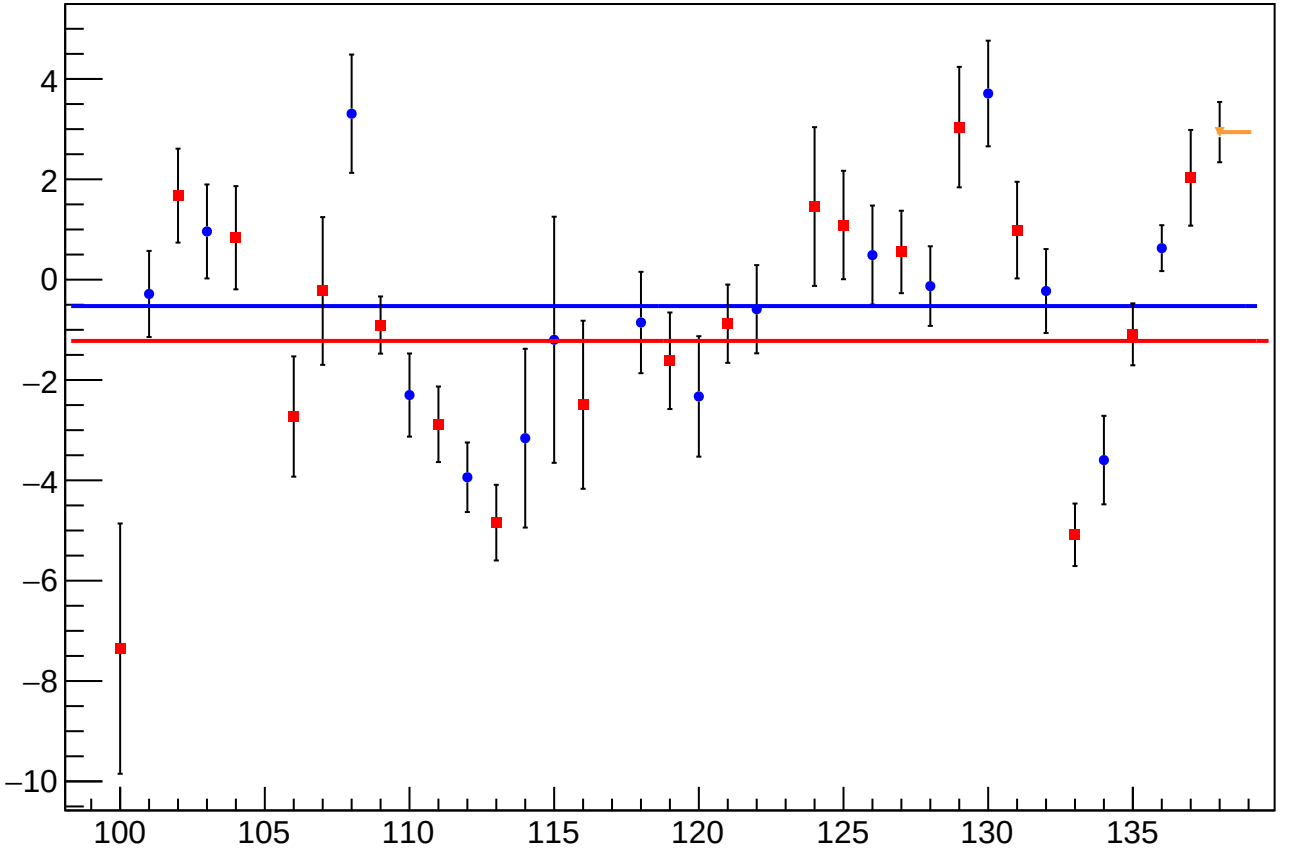
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.261+/-0.003 χ^2/NDF: 3895.0/16

All: 0.251+/-0.002 χ^2/NDF: 6260.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -0.527+/-0.217 χ^2/NDF: 82.7/15

Left Out: 2.941+/-0.601 χ^2/NDF:0.0/0

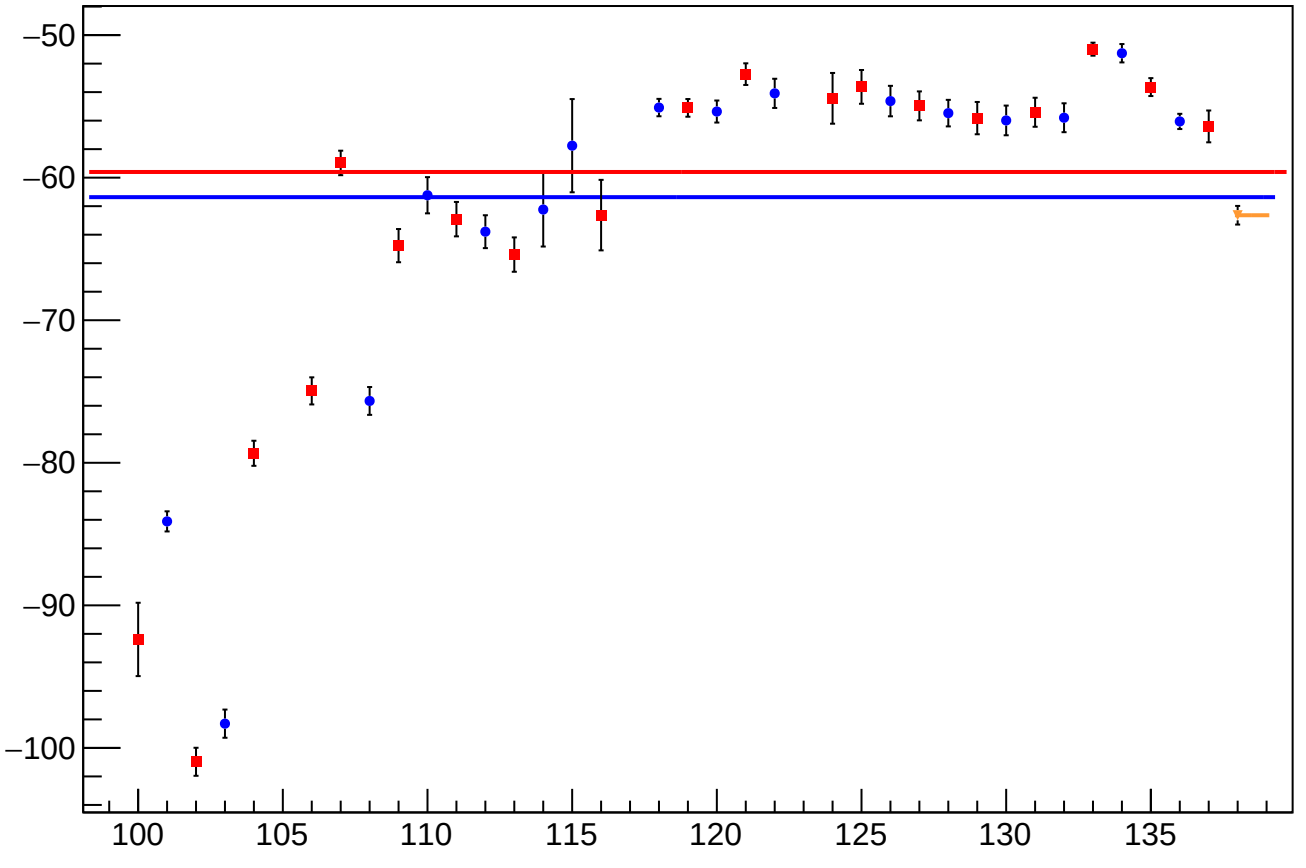
Right Out: -1.221+/-0.205 χ^2/NDF: 130.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.126+/-0.204 χ^2/NDF: 112.2/16

All: -0.672+/-0.145 χ^2/NDF: 257.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -61.367+/-0.219 χ^2/NDF: 3351.2/15

Left Out: -62.636+/-0.654 χ^2/NDF:0.0/0

Right Out: -59.601+/-0.207 χ^2/NDF: 3421.3/18

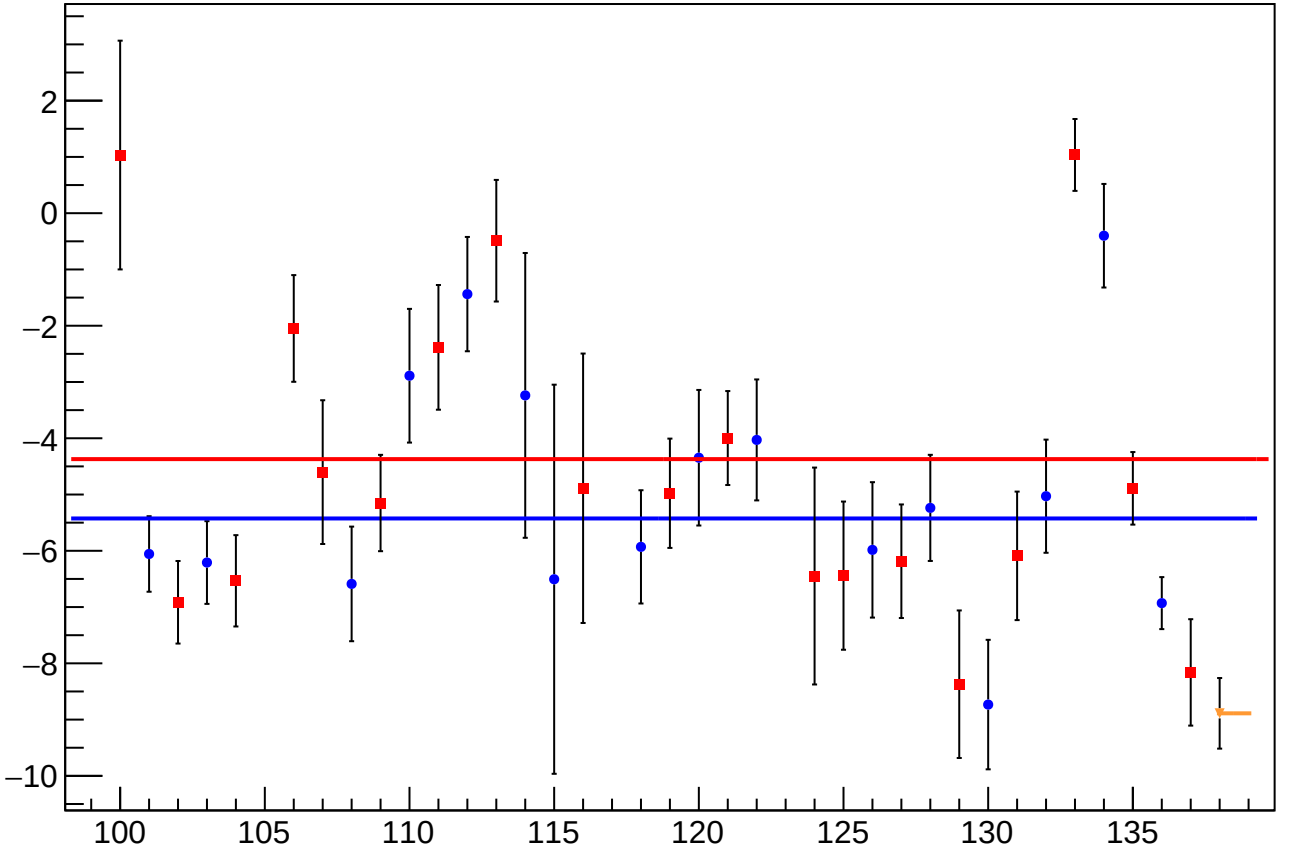
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -61.495+/-0.208 χ^2/NDF: 3354.6/16

All: -60.543+/-0.146 χ^2/NDF: 6817.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -5.425+/-0.230 χ^2/NDF: 76.0/15

Left Out: -8.889+/-0.627 χ^2/NDF:0.0/0

Right Out: -4.371+/-0.223 χ^2/NDF: 156.6/18

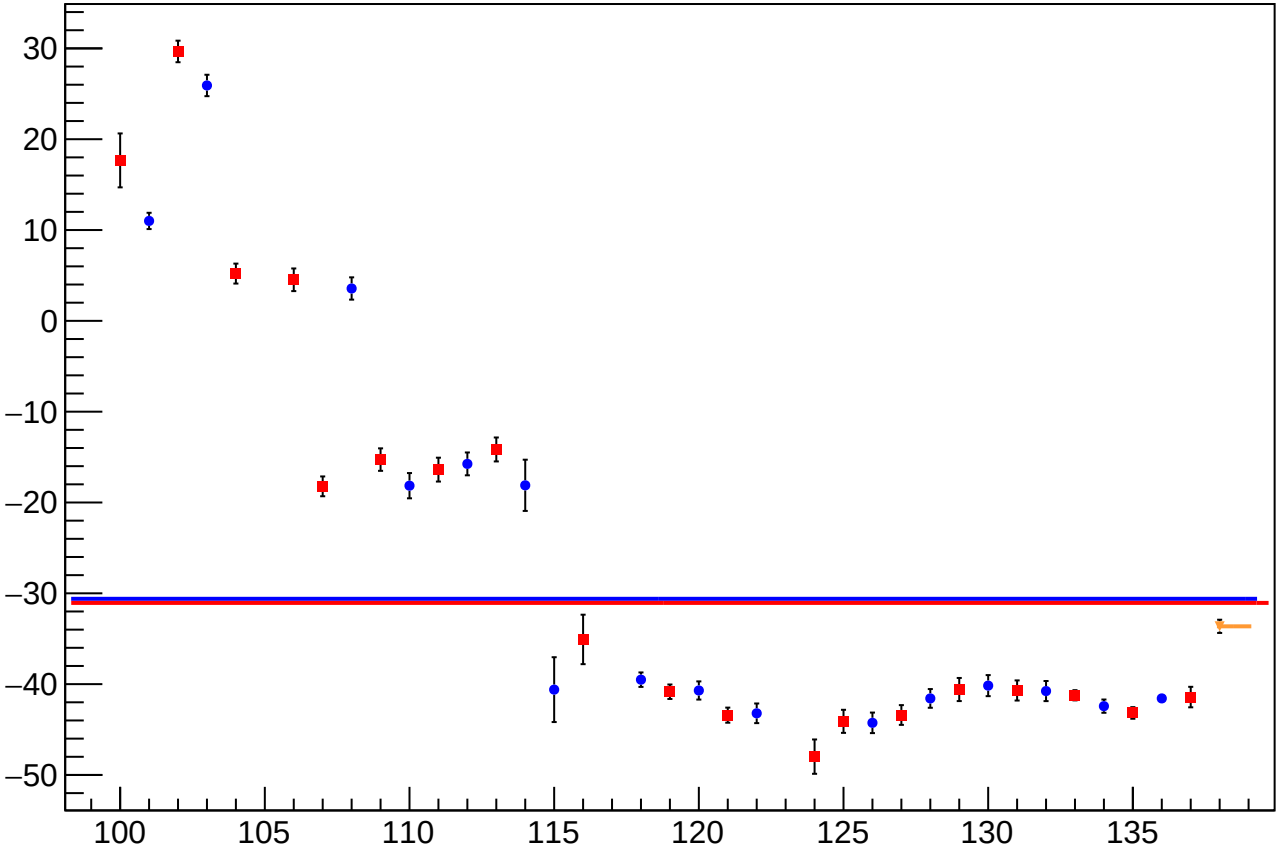
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -5.835+/-0.216 χ^2/NDF: 102.8/16

All: -5.125+/-0.155 χ^2/NDF: 281.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -30.605+/-0.249 χ^2/NDF: 6938.0/15

Left Out: -33.636+/-0.728 χ^2/NDF:0.0/0

Right Out: -31.056+/-0.238 χ^2/NDF: 6976.4/18

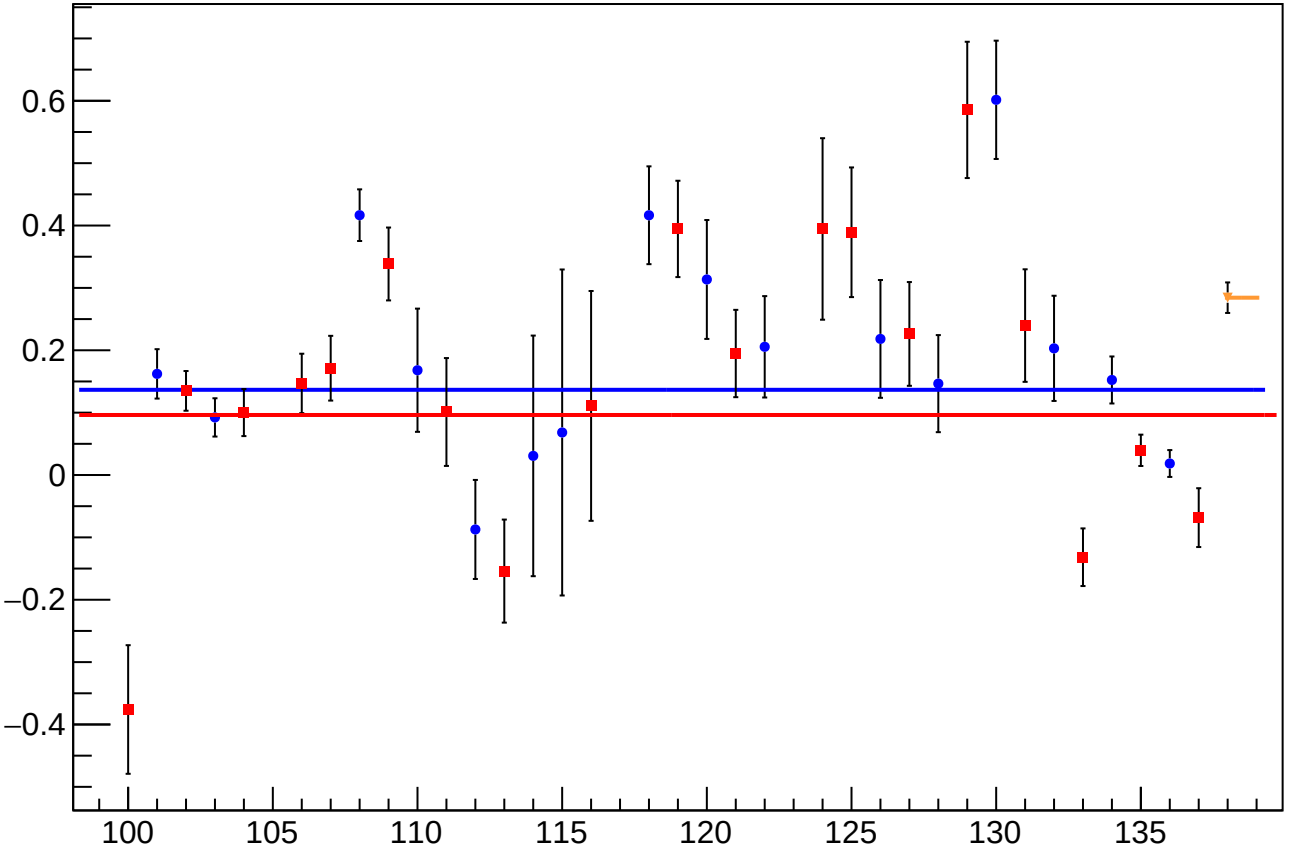
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -30.923+/-0.236 χ^2/NDF: 6953.5/16

All: -30.989+/-0.167 χ^2/NDF: 13930.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.137+/-0.013 χ^2/NDF: 129.2/15

Left Out: 0.284+/-0.024 χ^2/NDF:0.0/0

Right Out: 0.096+/-0.012 χ^2/NDF: 147.7/18

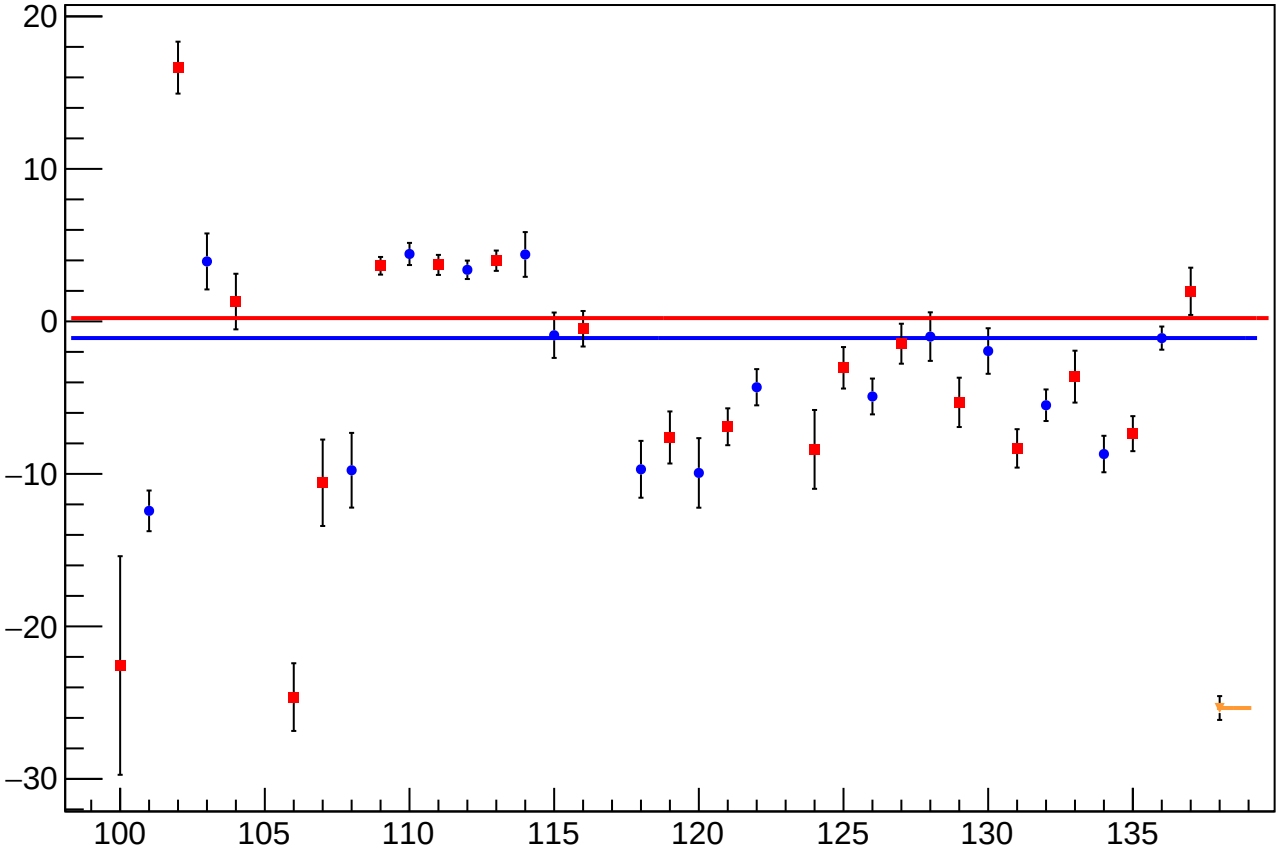
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.167+/-0.011 χ^2/NDF: 158.1/16

All: 0.135+/-0.008 χ^2/NDF: 324.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -1.092+/-0.281 χ^2/NDF: 332.0/15

Left Out: -25.352+/-0.781 χ^2/NDF:0.0/0

Right Out: 0.216+/-0.266 χ^2/NDF: 520.8/18

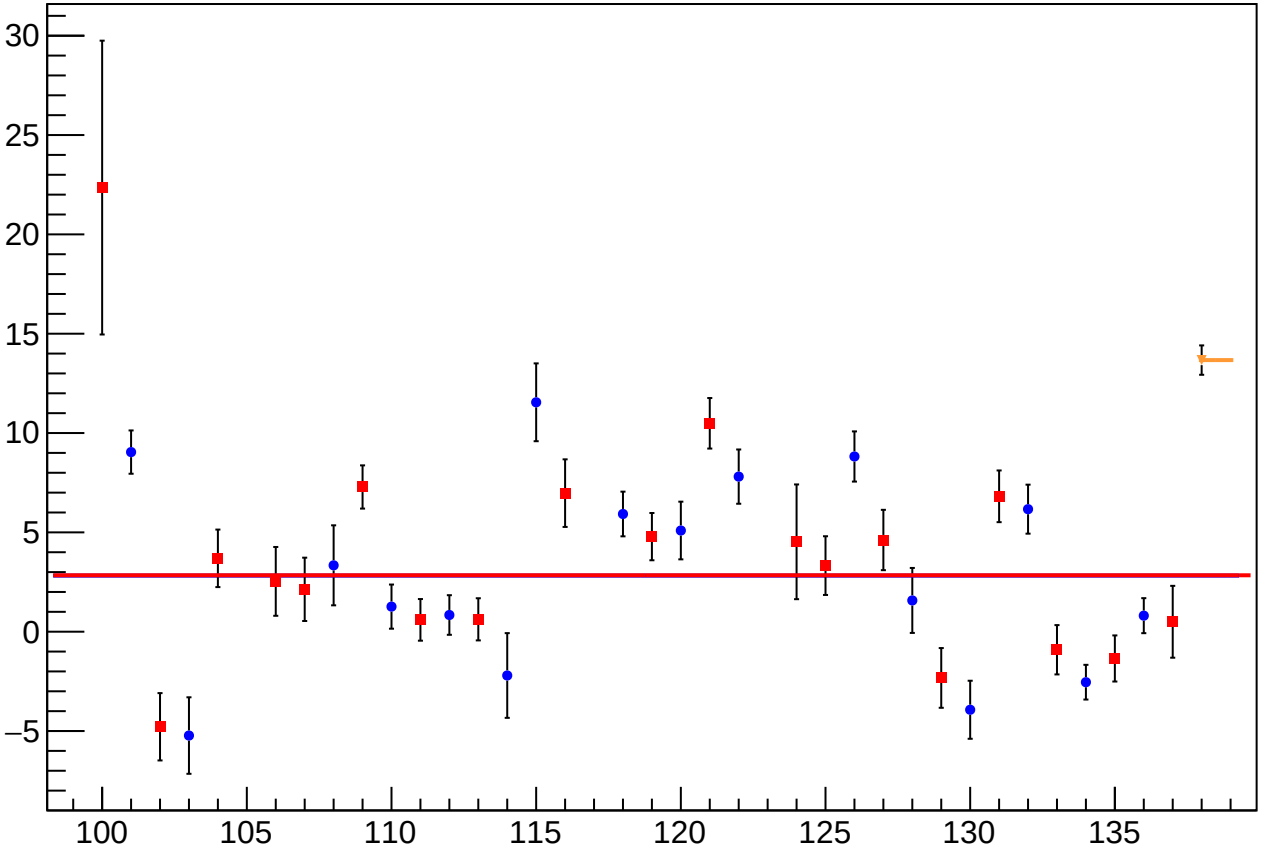
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.864+/-0.264 χ^2/NDF: 1186.0/16

All: -1.840+/-0.187 χ^2/NDF: 1825.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 2.823+/-0.313 χ^2/NDF: 199.6/15

Left Out: 13.671+/-0.740 χ^2/NDF:0.0/0

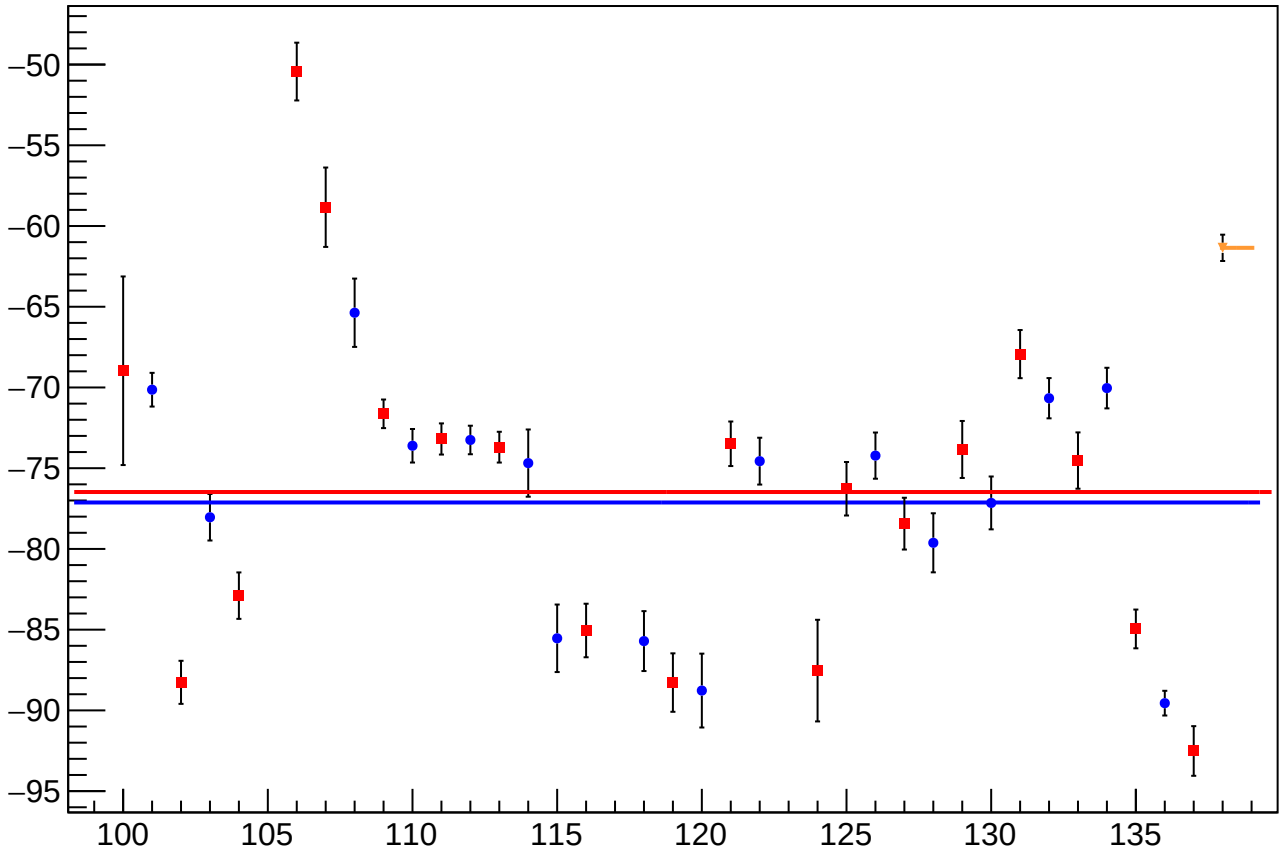
Right Out: 2.840+/-0.322 χ^2/NDF: 145.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.475+/-0.289 χ^2/NDF: 382.0/16

All: 3.747+/-0.215 χ^2/NDF: 541.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -77.123+/-0.326 χ^2/NDF: 503.3/15

Left Out: -61.351+/-0.815 χ^2/NDF:0.0/0

Right Out: -76.475+/-0.328 χ^2/NDF: 695.8/18

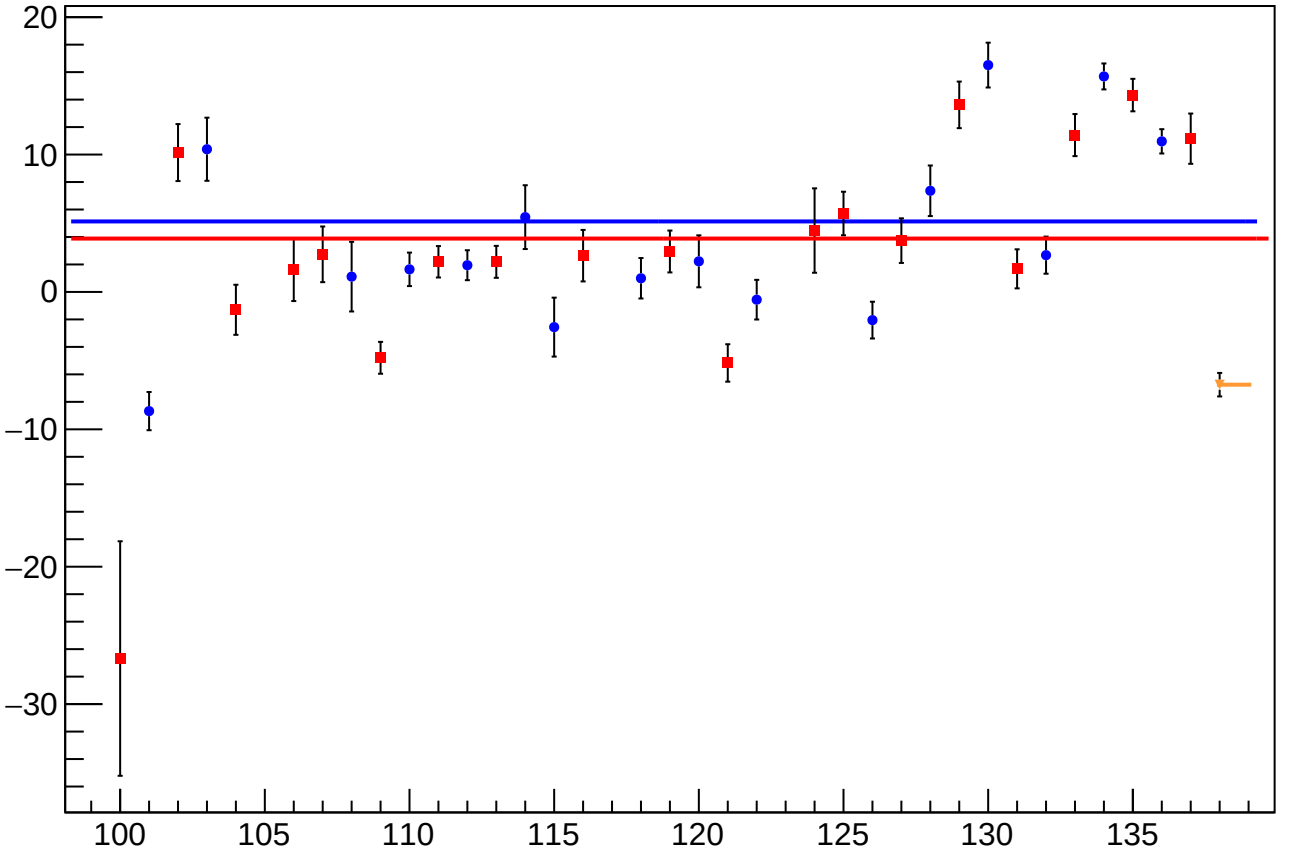
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -74.943+/-0.303 χ^2/NDF: 826.2/16

All: -75.647+/-0.223 χ^2/NDF: 1533.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 5.132+/-0.350 χ^2/NDF: 412.3/15

Left Out: -6.751+/-0.855 χ^2/NDF:0.0/0

Right Out: 3.885+/-0.361 χ^2/NDF: 291.5/18

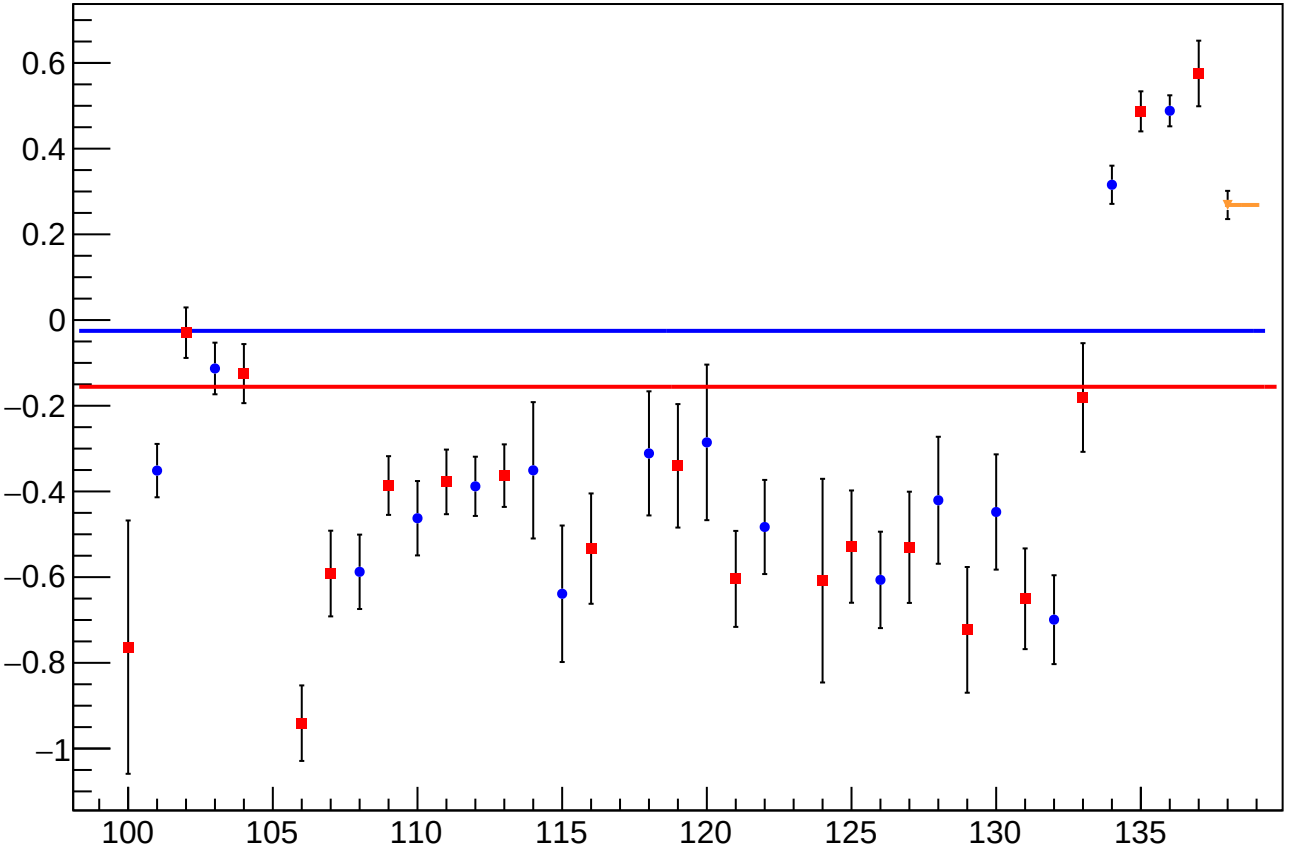
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.430+/-0.324 χ^2/NDF: 577.7/16

All: 3.633+/-0.241 χ^2/NDF: 870.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.025+/-0.019 χ^2/NDF: 512.5/15

Left Out: 0.269+/-0.033 χ^2/NDF:0.0/0

Right Out: -0.156+/-0.020 χ^2/NDF: 494.9/18

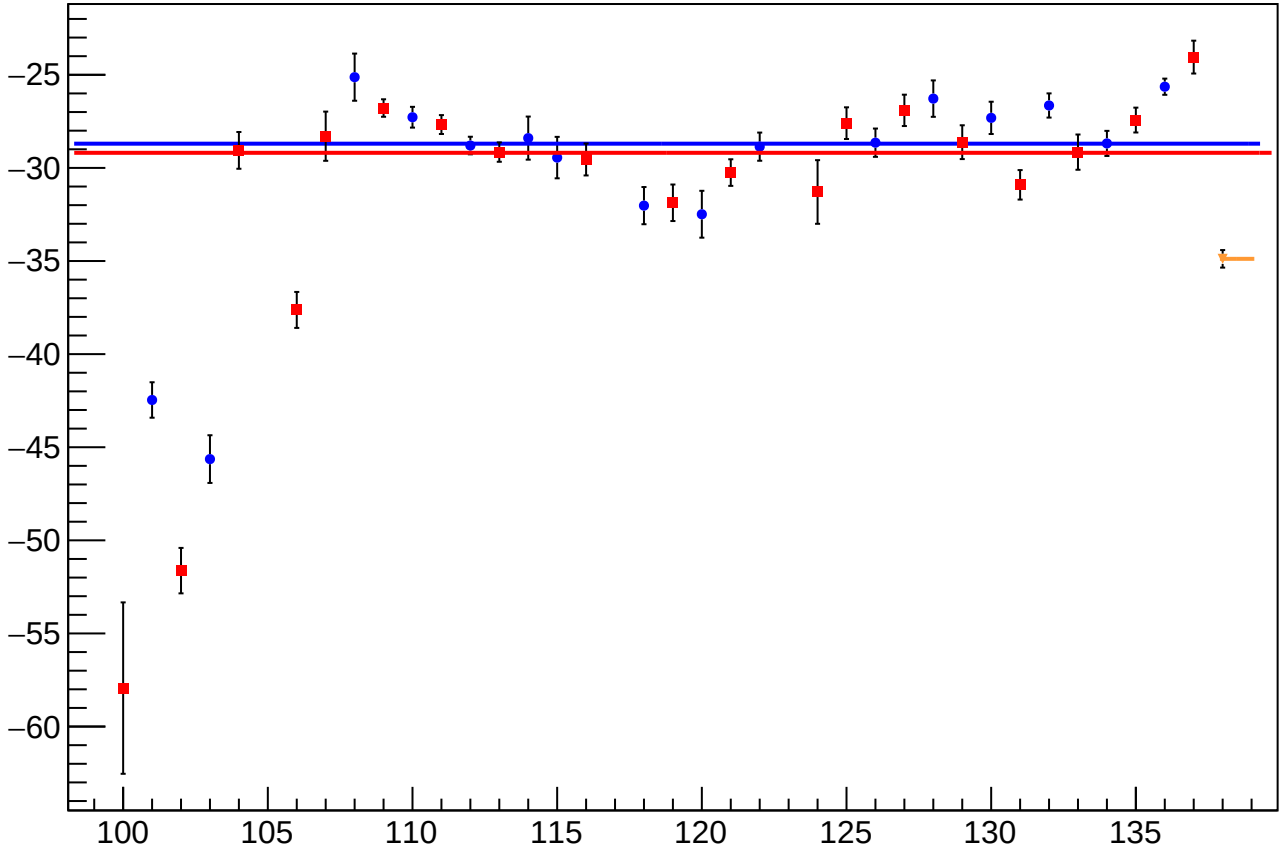
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.048+/-0.016 χ^2/NDF: 572.3/16

All: -0.033+/-0.013 χ^2/NDF: 1128.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -28.698+/-0.186 χ^2/NDF: 487.3/15

Left Out: -34.883+/-0.471 χ^2/NDF:0.0/0

Right Out: -29.189+/-0.181 χ^2/NDF: 557.3/18

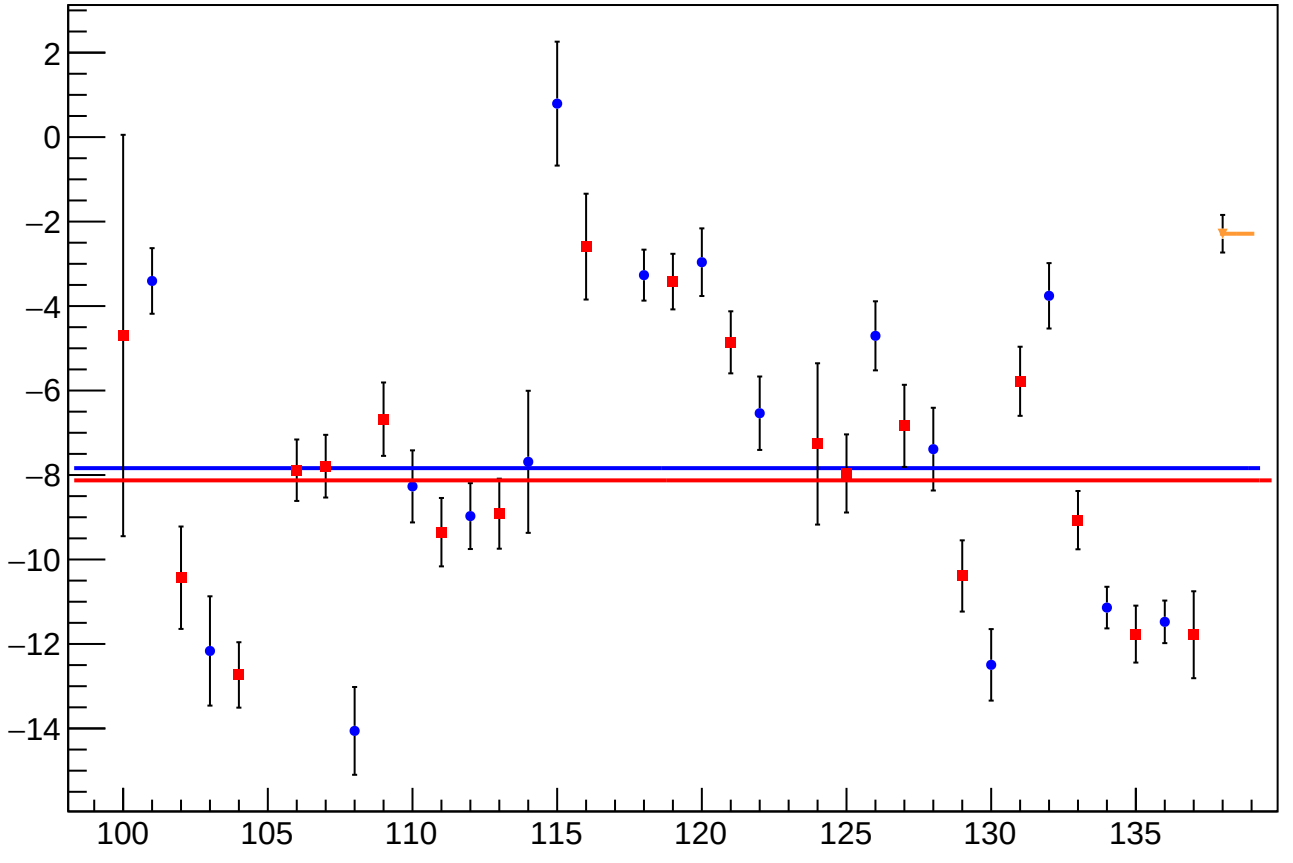
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -29.531+/-0.173 χ^2/NDF: 636.3/16

All: -29.368+/-0.125 χ^2/NDF: 1195.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.837+/-0.195 χ^2/NDF: 383.2/15

Left Out: -2.287+/-0.445 χ^2/NDF:0.0/0

Right Out: -8.127+/-0.197 χ^2/NDF: 197.3/18

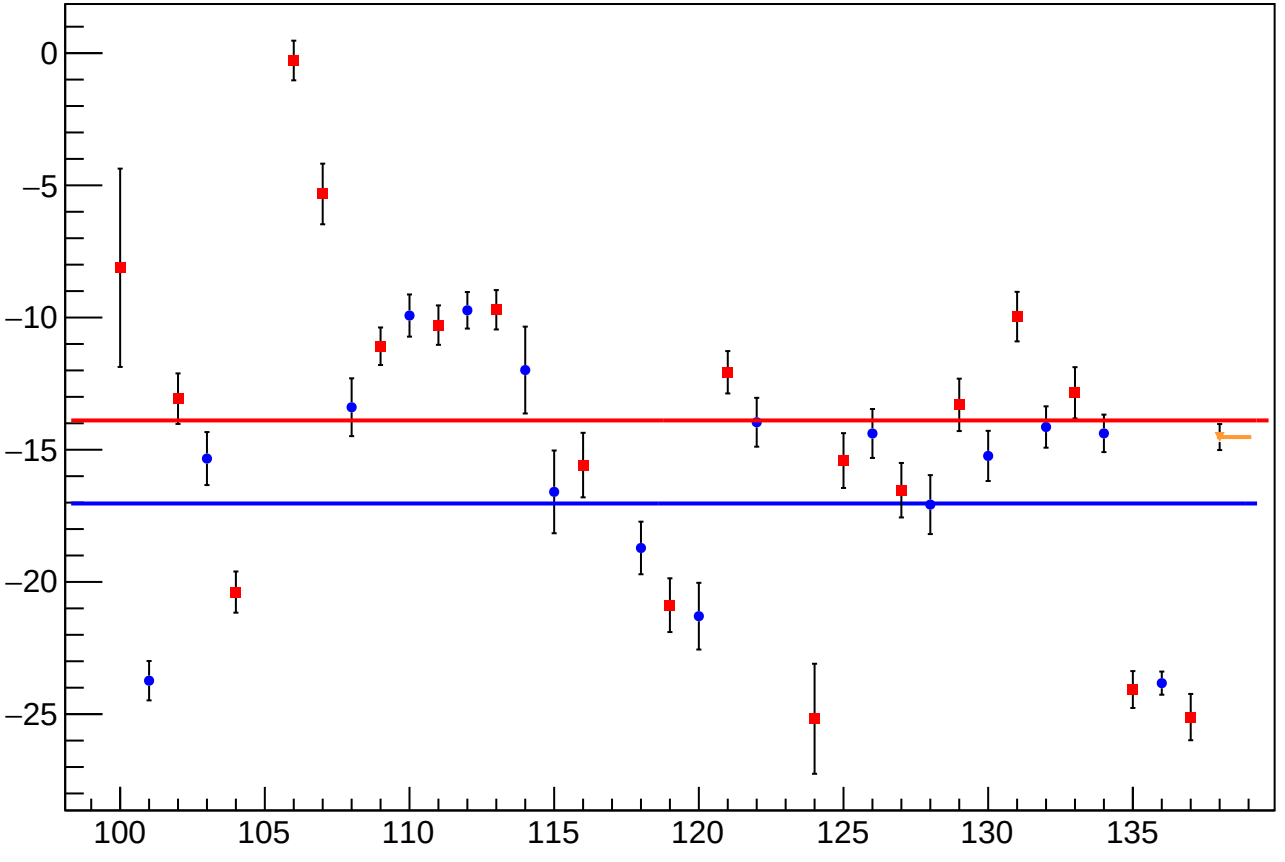
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.944+/-0.179 χ^2/NDF: 513.6/16

All: -7.478+/-0.132 χ^2/NDF: 730.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -17.033+/-0.209 χ^2/NDF: 601.2/15

Left Out: -14.520+/-0.491 χ^2/NDF:0.0/0

Right Out: -13.892+/-0.209 χ^2/NDF: 1017.4/18

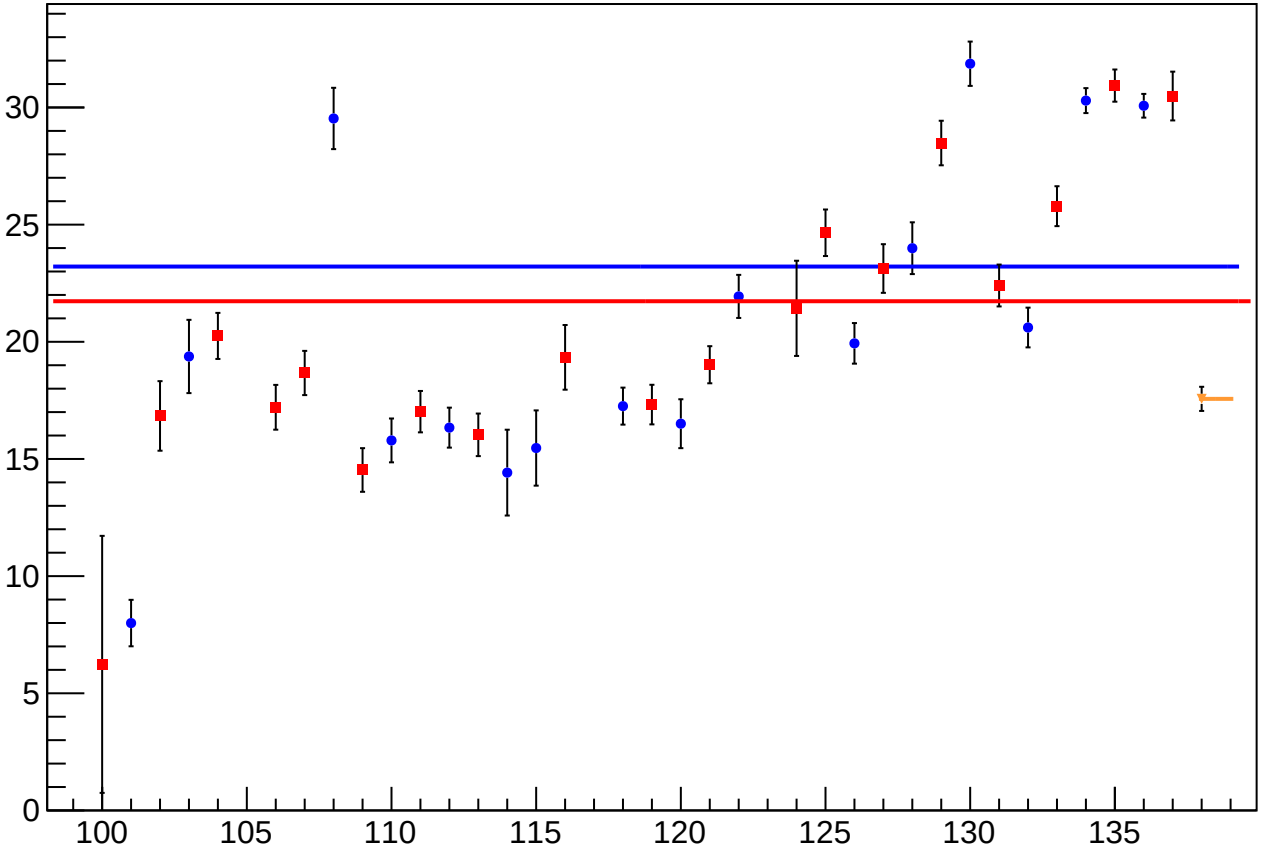
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -16.647+/-0.193 χ^2/NDF: 623.3/16

All: -15.384+/-0.142 χ^2/NDF: 1734.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 23.211+/-0.218 χ^2/NDF: 1008.2/15

Left Out: 17.565+/-0.515 χ^2/NDF:0.0/0

Right Out: 21.731+/-0.224 χ^2/NDF: 558.2/18

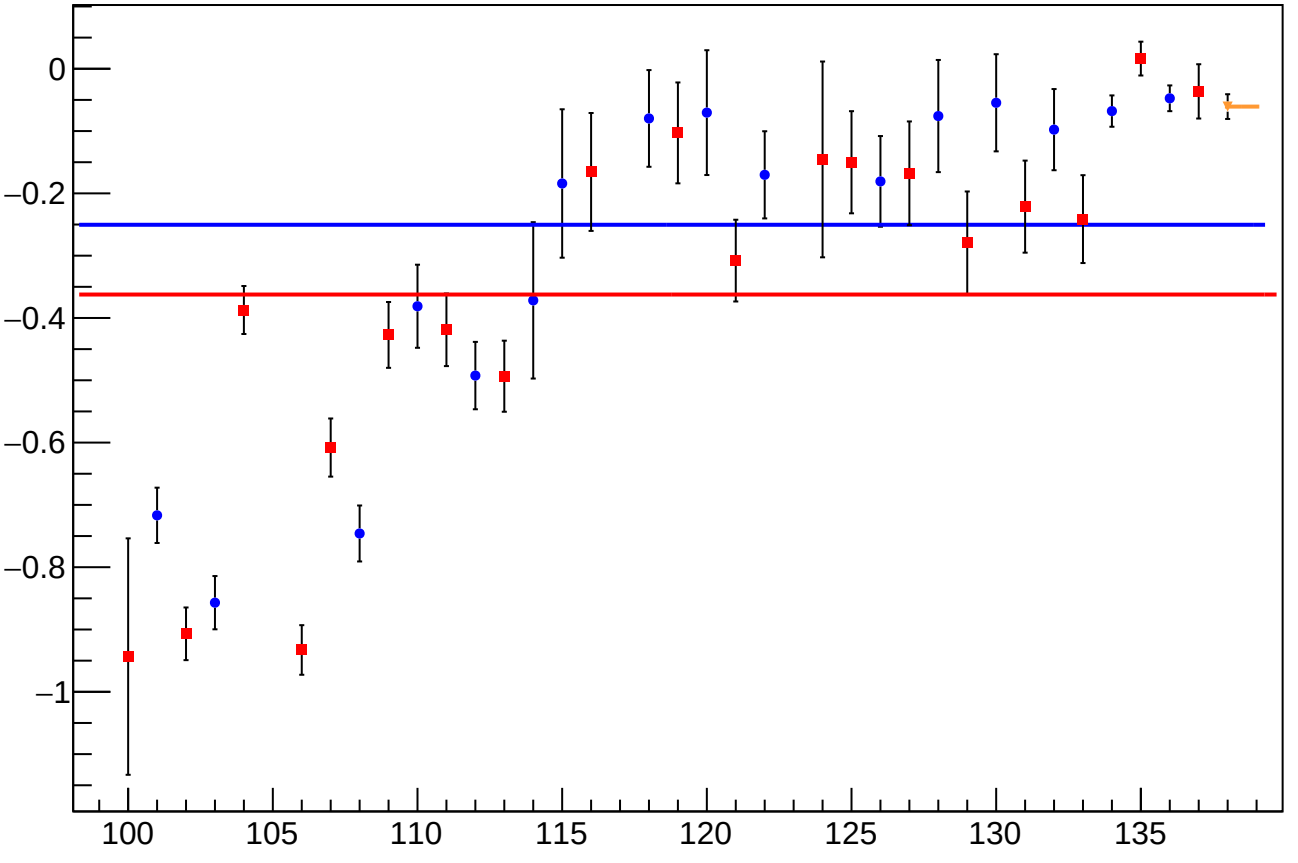
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 22.353+/-0.201 χ^2/NDF: 1110.1/16

All: 22.076+/-0.150 χ^2/NDF: 1672.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.250+/-0.012 χ^2/NDF: 633.5/15

Left Out: -0.061+/-0.020 χ^2/NDF:0.0/0

Right Out: -0.362+/-0.012 χ^2/NDF: 704.3/18

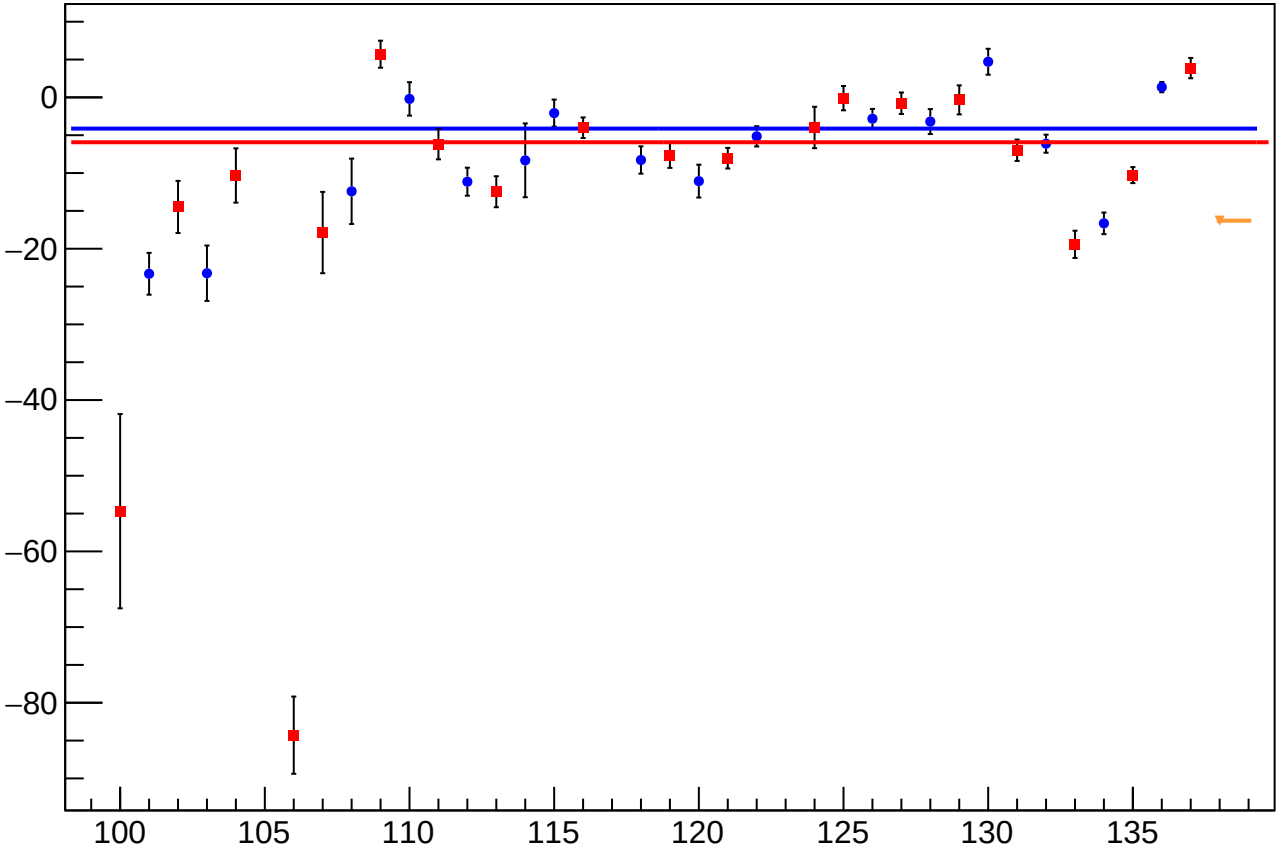
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.202+/-0.010 χ^2/NDF: 701.4/16

All: -0.266+/-0.008 χ^2/NDF: 1507.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -4.124+/-0.382 χ^2/NDF: 287.9/15

Left Out: -16.294+/-0.668 χ^2/NDF:0.0/0

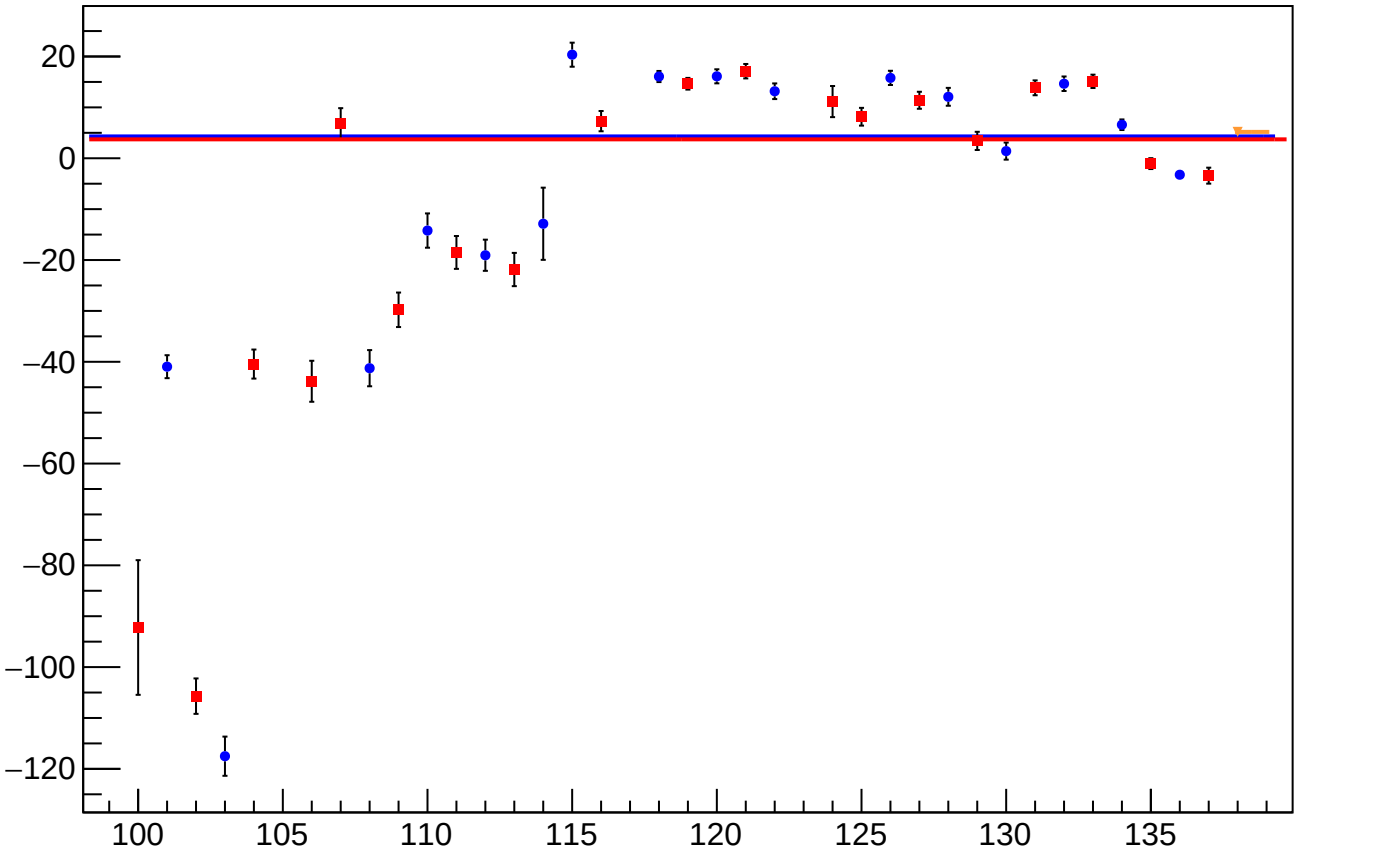
Right Out: -5.930+/-0.408 χ^2/NDF: 482.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.118+/-0.332 χ^2/NDF: 537.9/16

All: -6.645+/-0.257 χ^2/NDF: 1025.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4.292+/-0.385 χ^2/NDF: 2169.1/15

Left Out: 5.183+/-0.637 χ^2/NDF:0.0/0

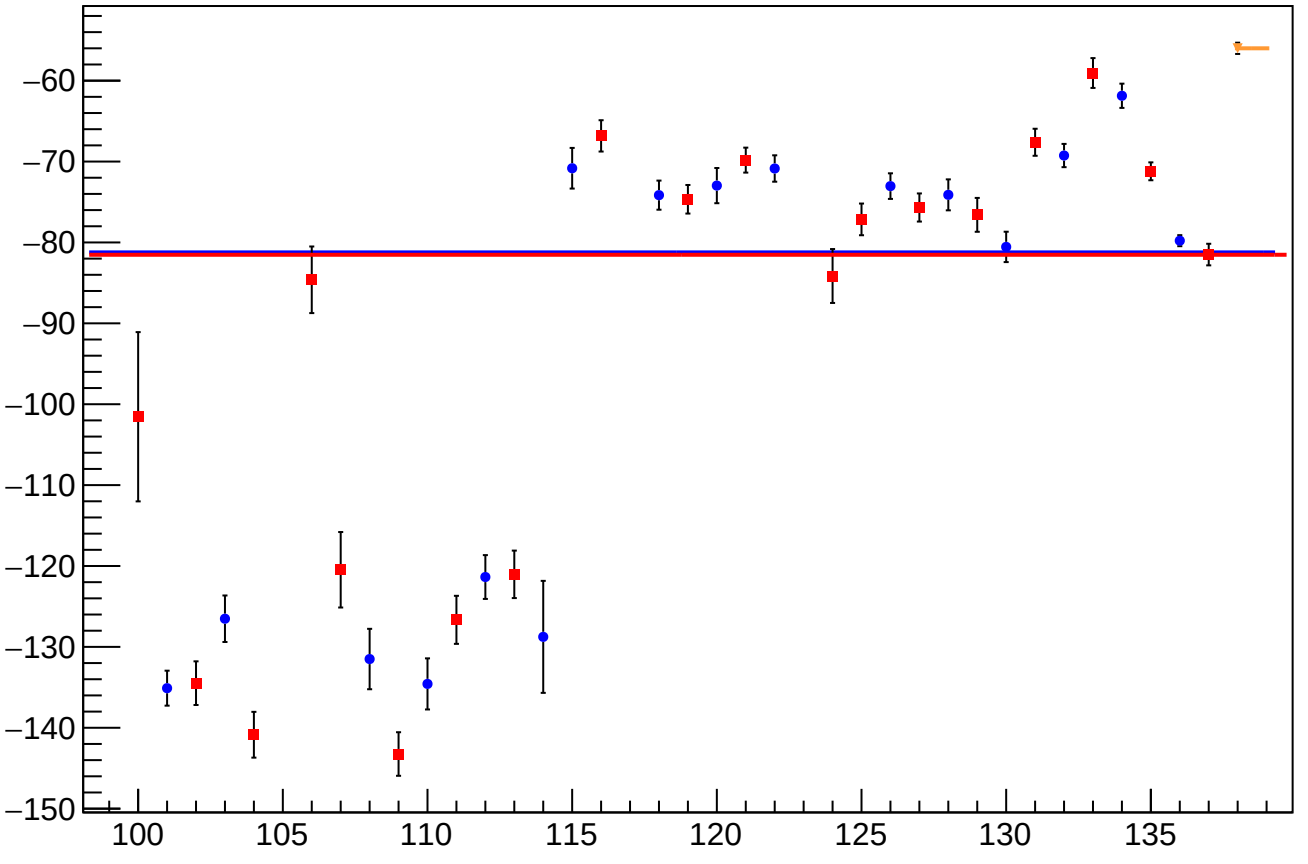
Right Out: 3.717+/-0.423 χ^2/NDF: 2007.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.531+/-0.330 χ^2/NDF: 2170.5/16

All: 4.223+/-0.260 χ^2/NDF: 4180.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -81.231+/-0.417 χ^2/NDF: 1971.1/15

Left Out: -56.000+/-0.697 χ^2/NDF:0.0/0

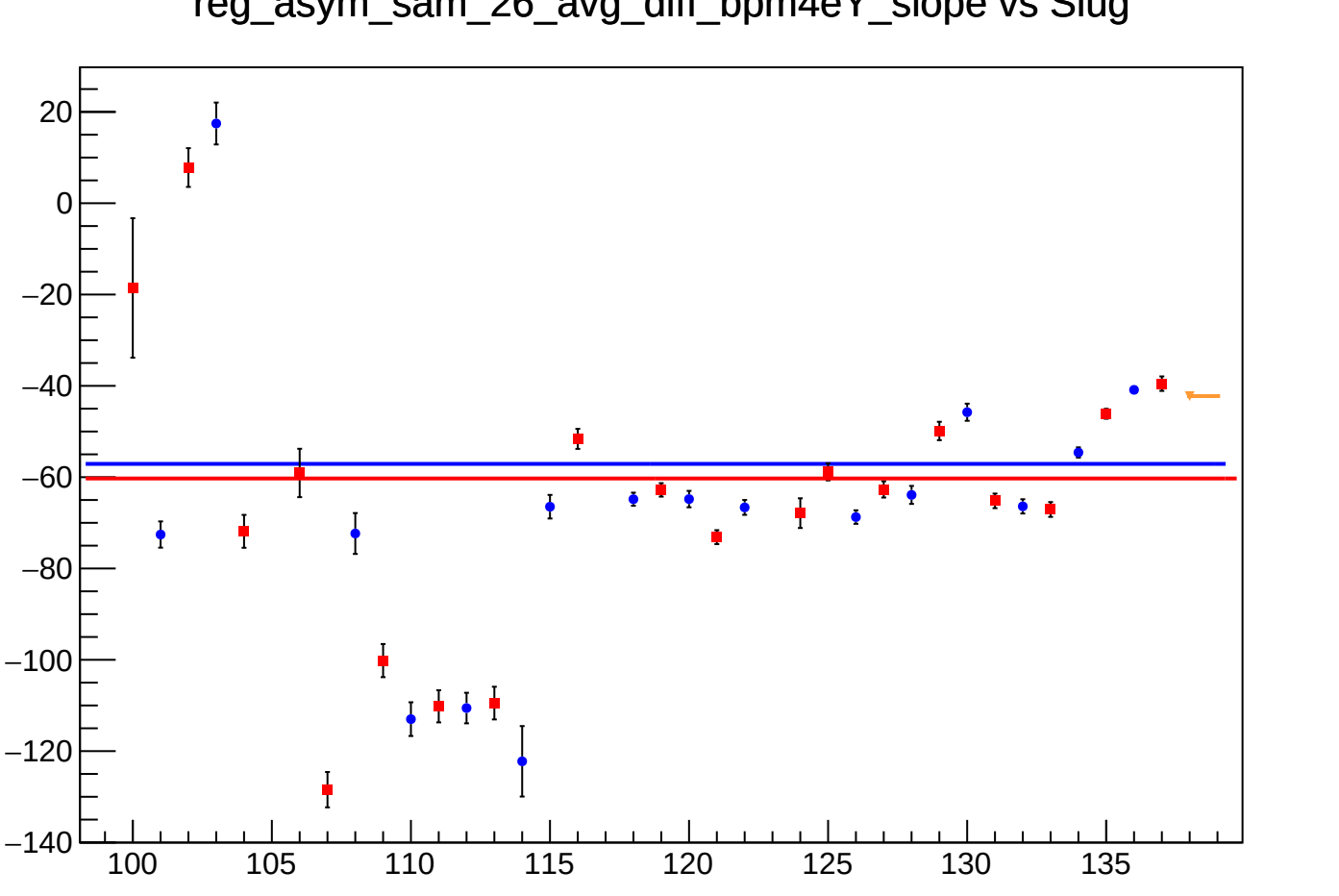
Right Out: -81.523+/-0.462 χ^2/NDF: 2293.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -74.586+/-0.358 χ^2/NDF: 2936.1/16

All: -77.189+/-0.283 χ^2/NDF: 5370.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -57.089+/-0.426 χ^2/NDF: 1526.8/15

Left Out: -42.244+/-0.735 χ^2/NDF:0.0/0

Right Out: -60.287+/-0.470 χ^2/NDF: 1587.9/18

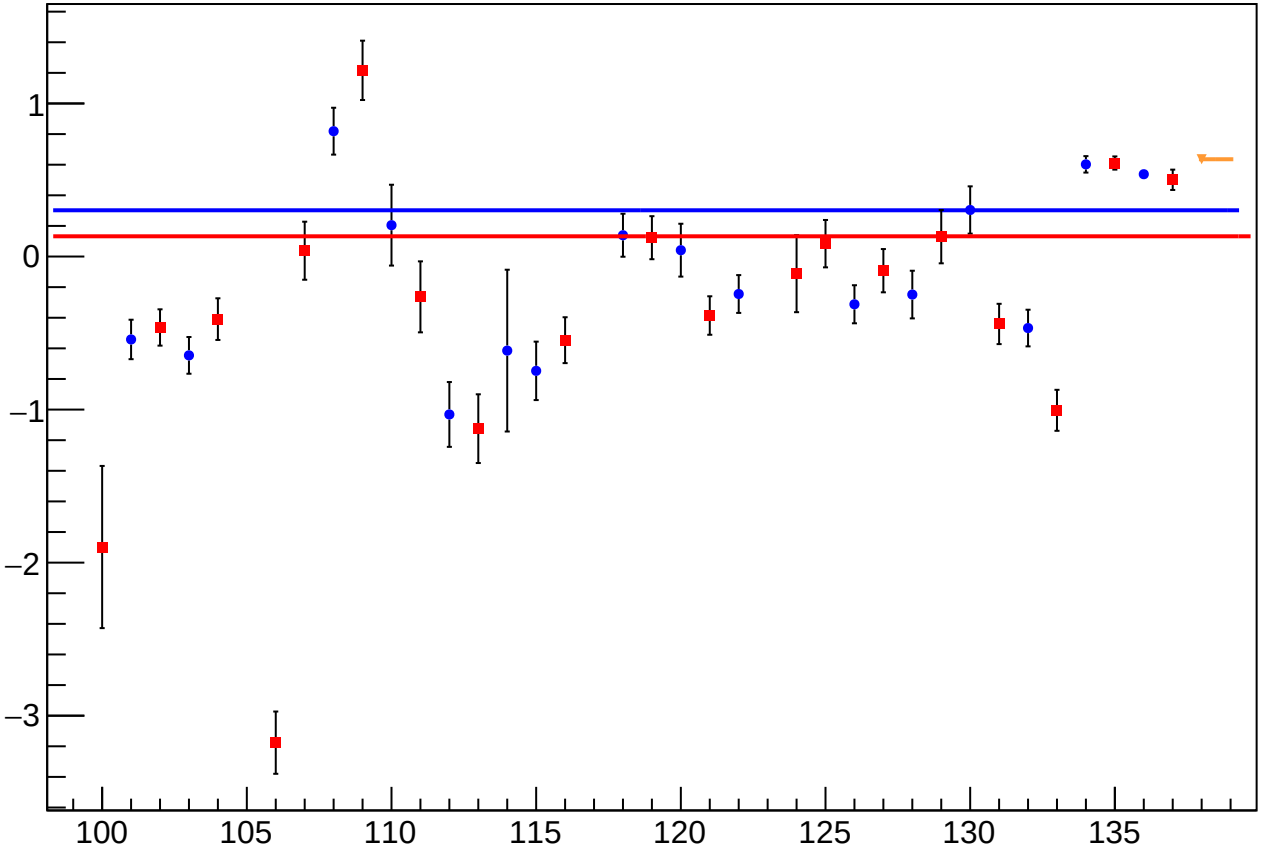
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -53.362+/-0.368 χ^2/NDF: 1832.0/16

All: -55.998+/-0.290 χ^2/NDF: 3554.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.302+/-0.023 χ^2/NDF: 374.8/15

Left Out: 0.636+/-0.028 χ^2/NDF:0.0/0

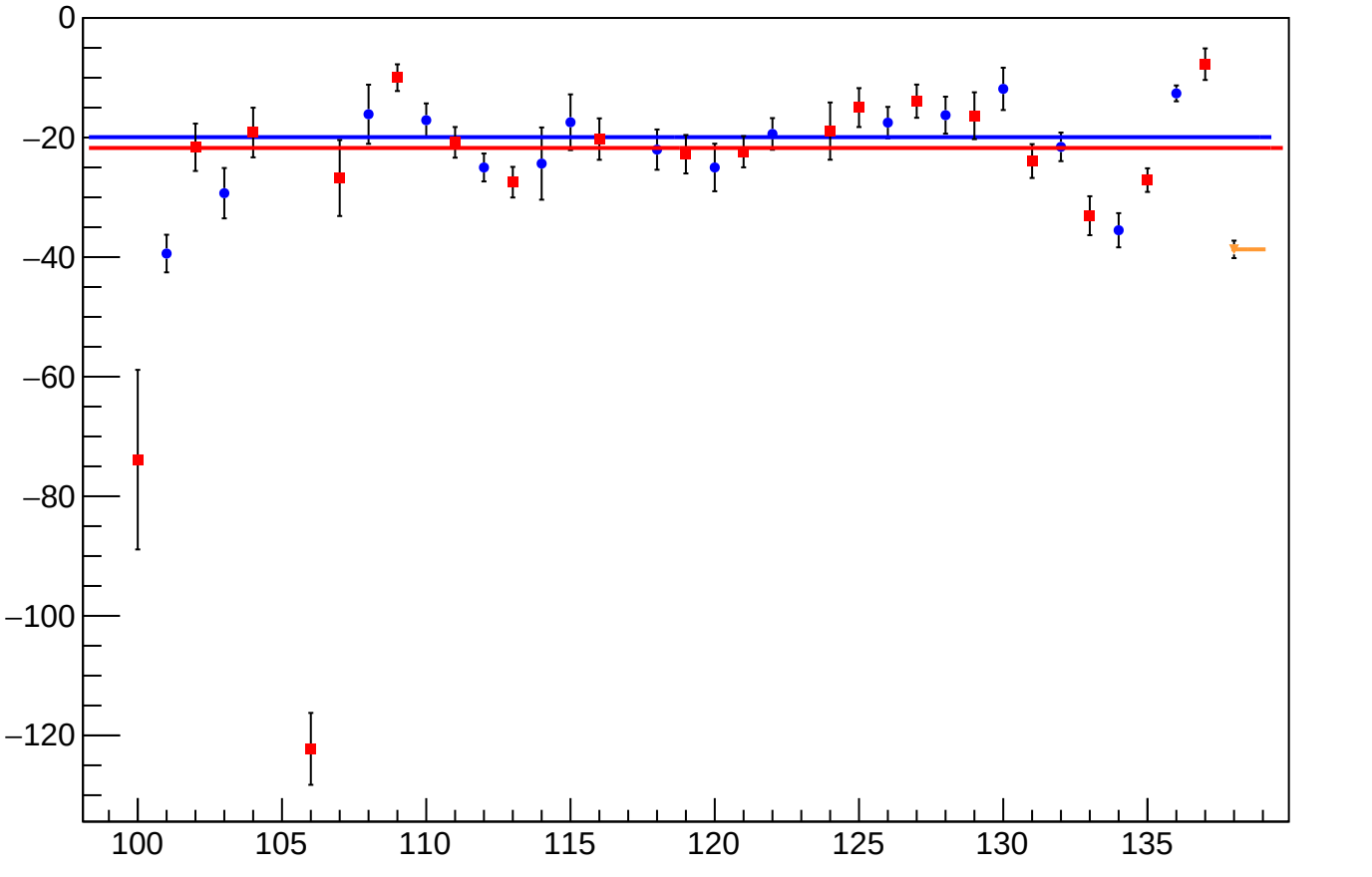
Right Out: 0.132+/-0.027 χ^2/NDF: 672.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.435+/-0.018 χ^2/NDF: 459.0/16

All: 0.341+/-0.015 χ^2/NDF: 1221.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -19.935+/-0.695 χ^2/NDF: 120.6/15

Left Out: -38.707+/-1.461 χ^2/NDF:0.0/0

Right Out: -21.746+/-0.714 χ^2/NDF: 388.3/18

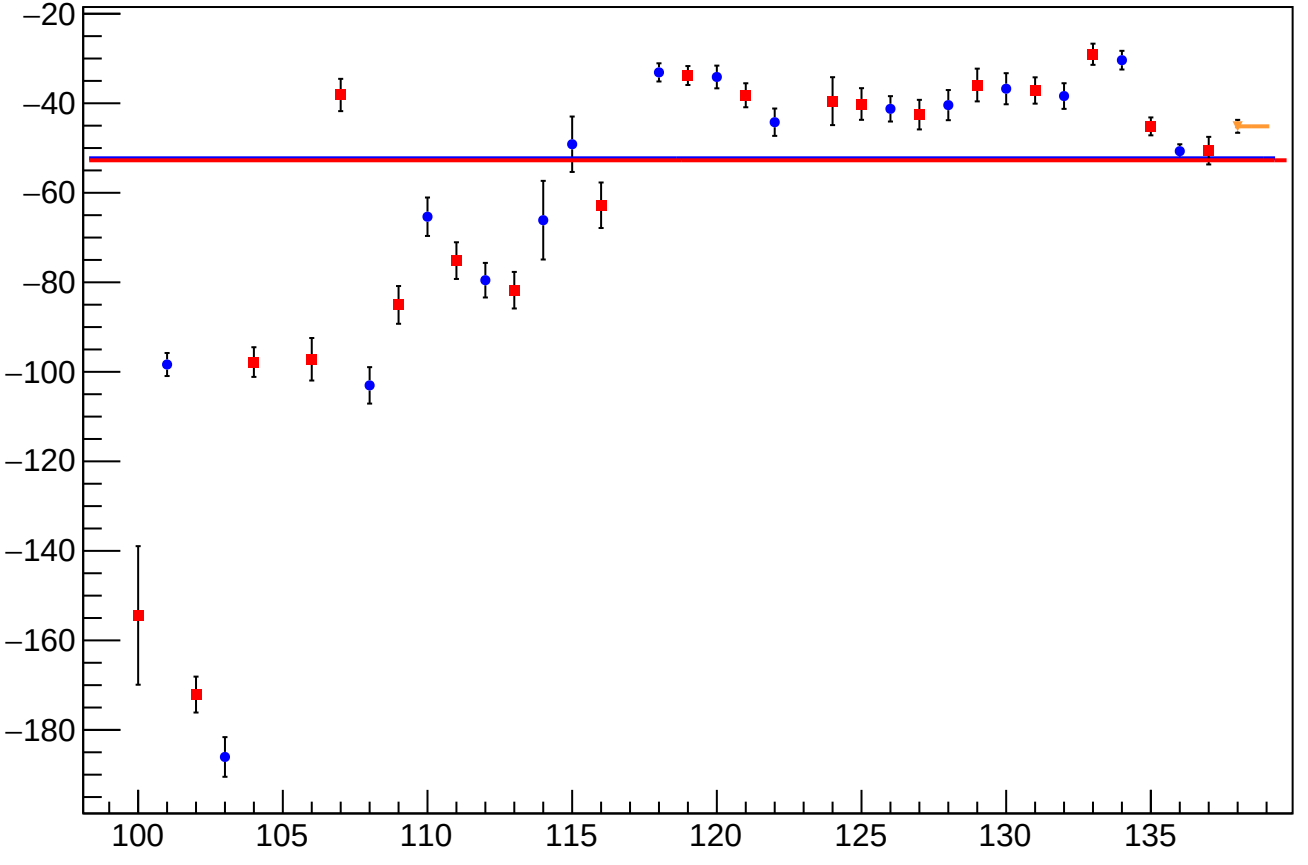
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -23.397+/-0.627 χ^2/NDF: 255.2/16

All: -22.677+/-0.471 χ^2/NDF: 646.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -52.296+/-0.708 χ^2/NDF: 1778.2/15

Left Out: -45.151+/-1.446 χ^2/NDF:0.0/0

Right Out: -52.737+/-0.748 χ^2/NDF: 1662.5/18

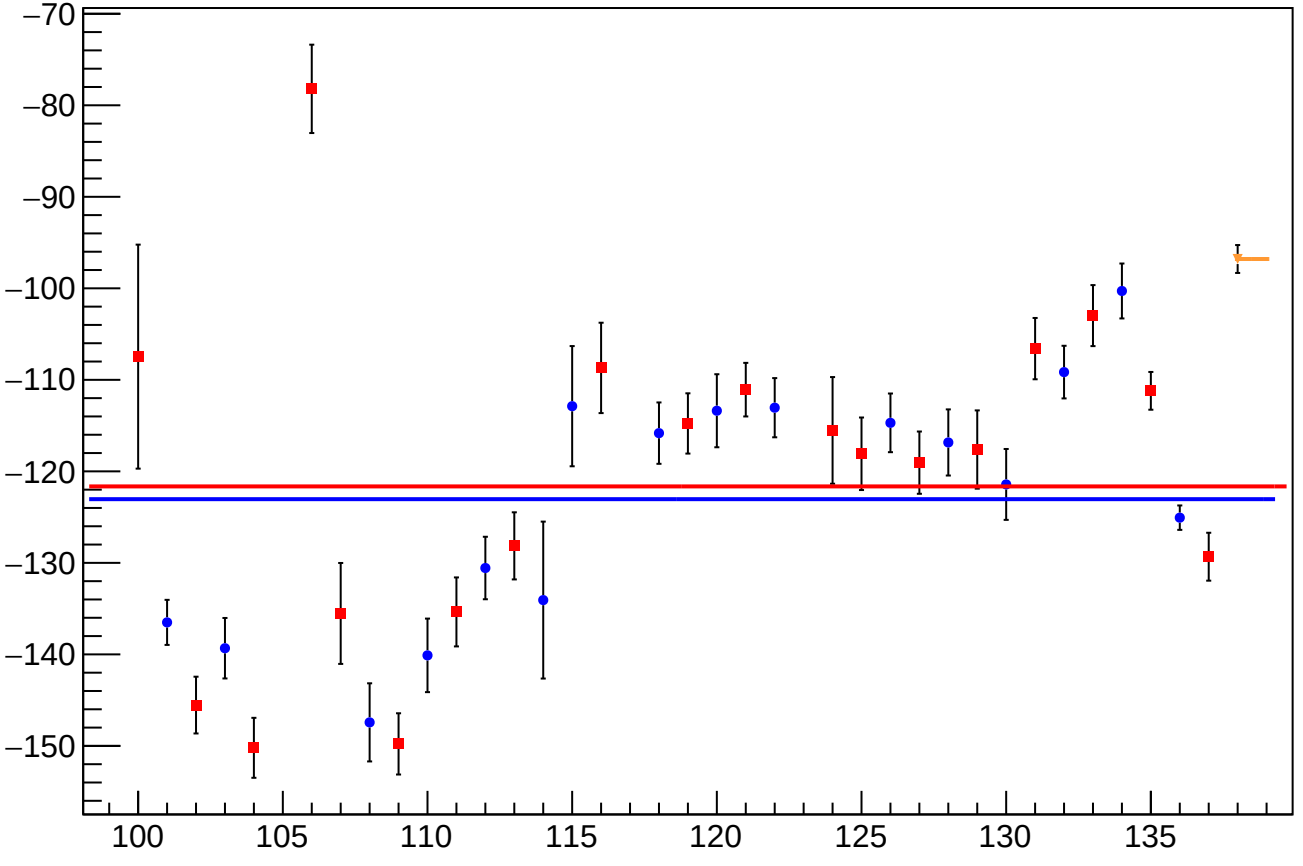
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -50.915+/-0.636 χ^2/NDF: 1797.9/16

All: -51.679+/-0.485 χ^2/NDF: 3463.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -123.039+/-0.750 χ^2/NDF: 226.8/15

Left Out: -96.796+/-1.525 χ^2/NDF:0.0/0

Right Out: -121.646+/-0.801 χ^2/NDF: 424.5/18

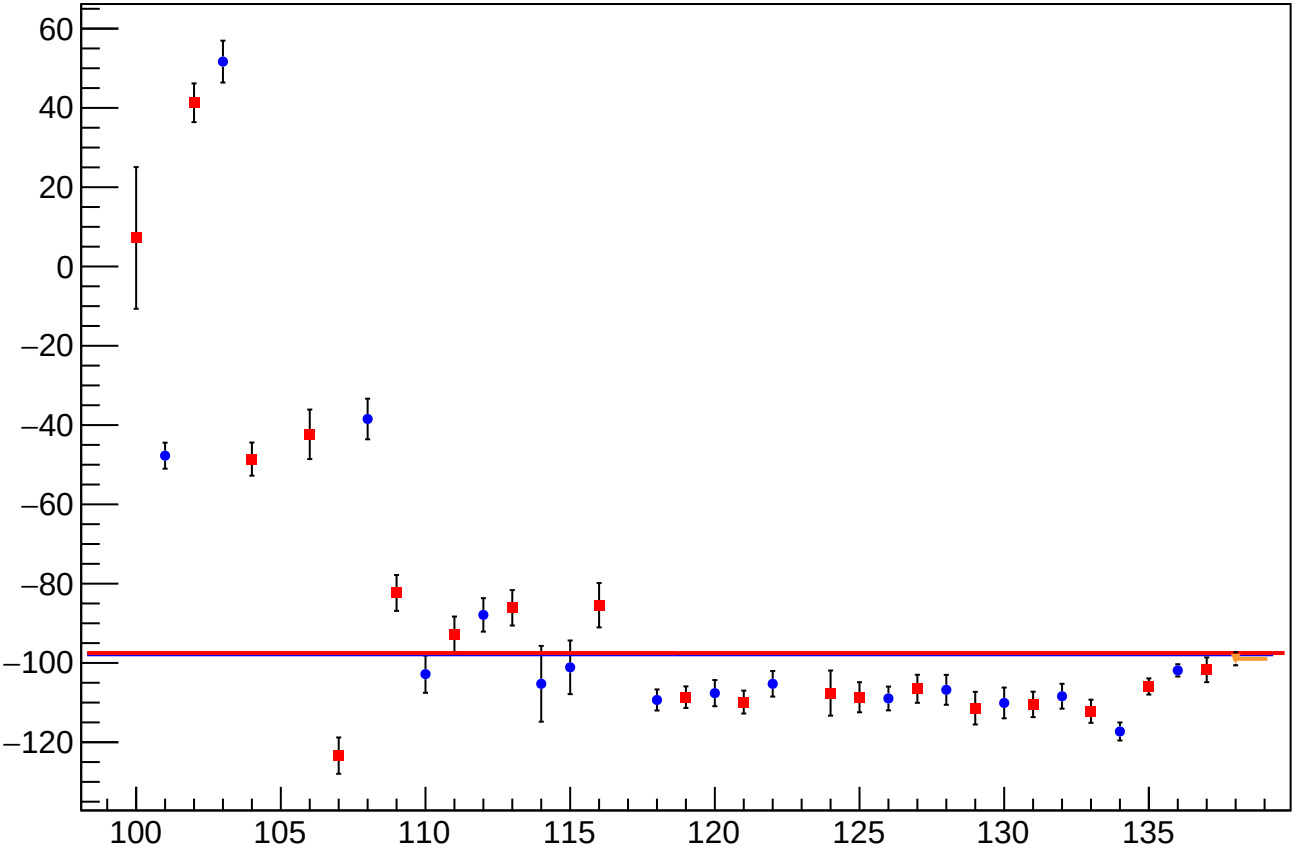
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -117.926+/-0.673 χ^2/NDF: 465.3/16

All: -119.465+/-0.515 χ^2/NDF: 902.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -97.814+/-0.793 χ^2/NDF: 1330.8/15

Left Out: -98.953+/-1.653 χ^2/NDF:0.0/0

Right Out: -97.504+/-0.843 χ^2/NDF: 1236.4/18

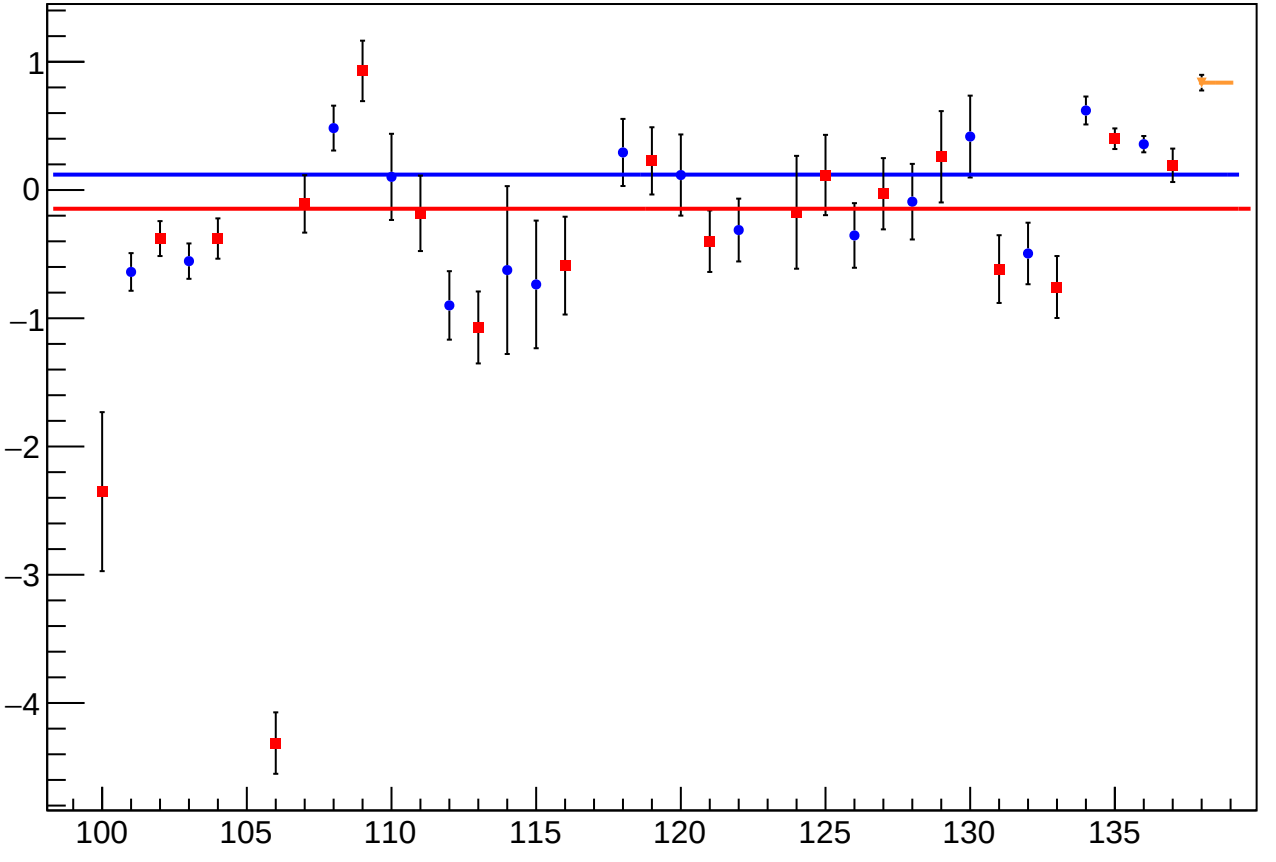
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -98.027+/-0.715 χ^2/NDF: 1331.2/16

All: -97.808+/-0.545 χ^2/NDF: 2567.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.120+/-0.041 χ^2/NDF: 123.9/15

Left Out: 0.837+/-0.061 χ^2/NDF:0.0/0

Right Out: -0.146+/-0.045 χ^2/NDF: 421.0/18

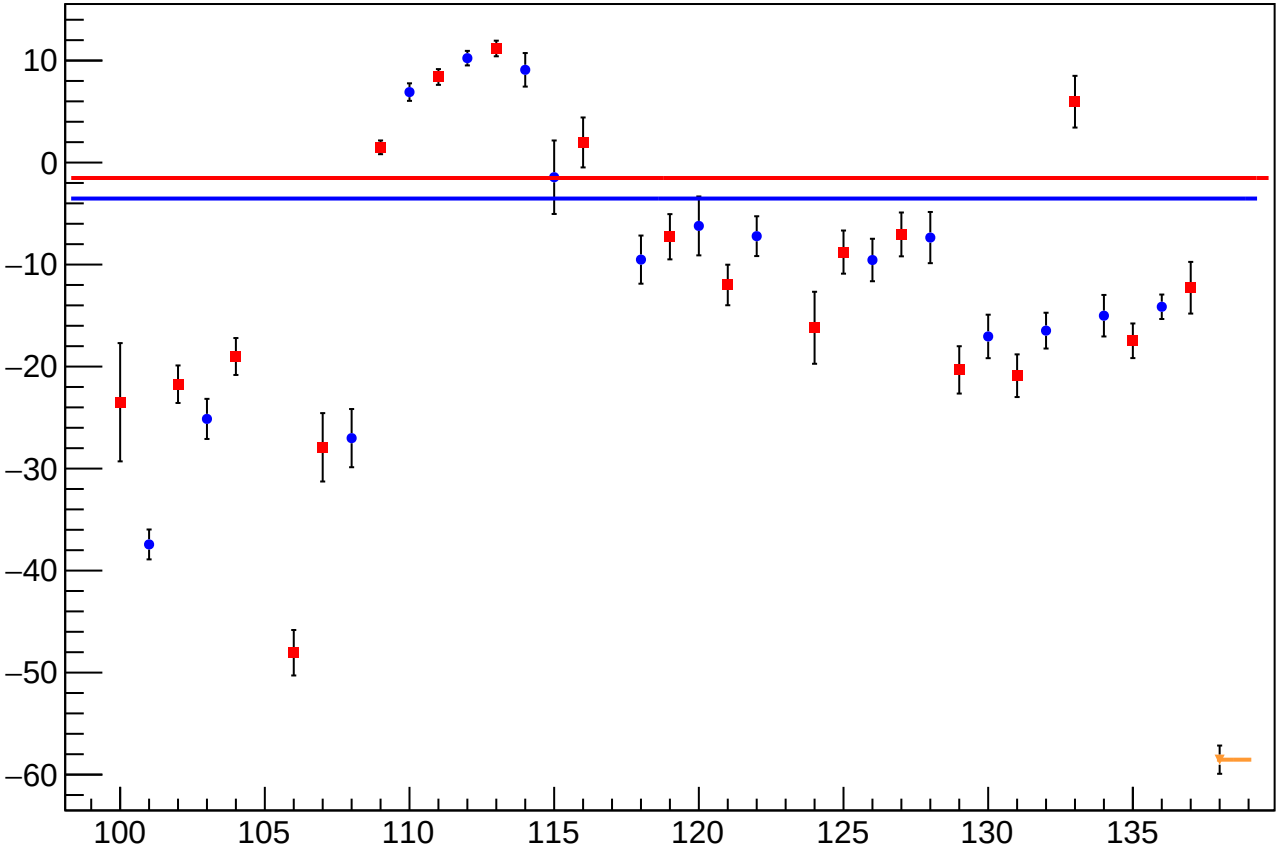
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.345+/-0.034 χ^2/NDF: 218.8/16

All: 0.165+/-0.027 χ^2/NDF: 715.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -3.527+/-0.377 χ^2/NDF: 1529.1/15

Left Out: -58.536+/-1.385 χ^2/NDF:0.0/0

Right Out: -1.513+/-0.338 χ^2/NDF: 1524.7/18

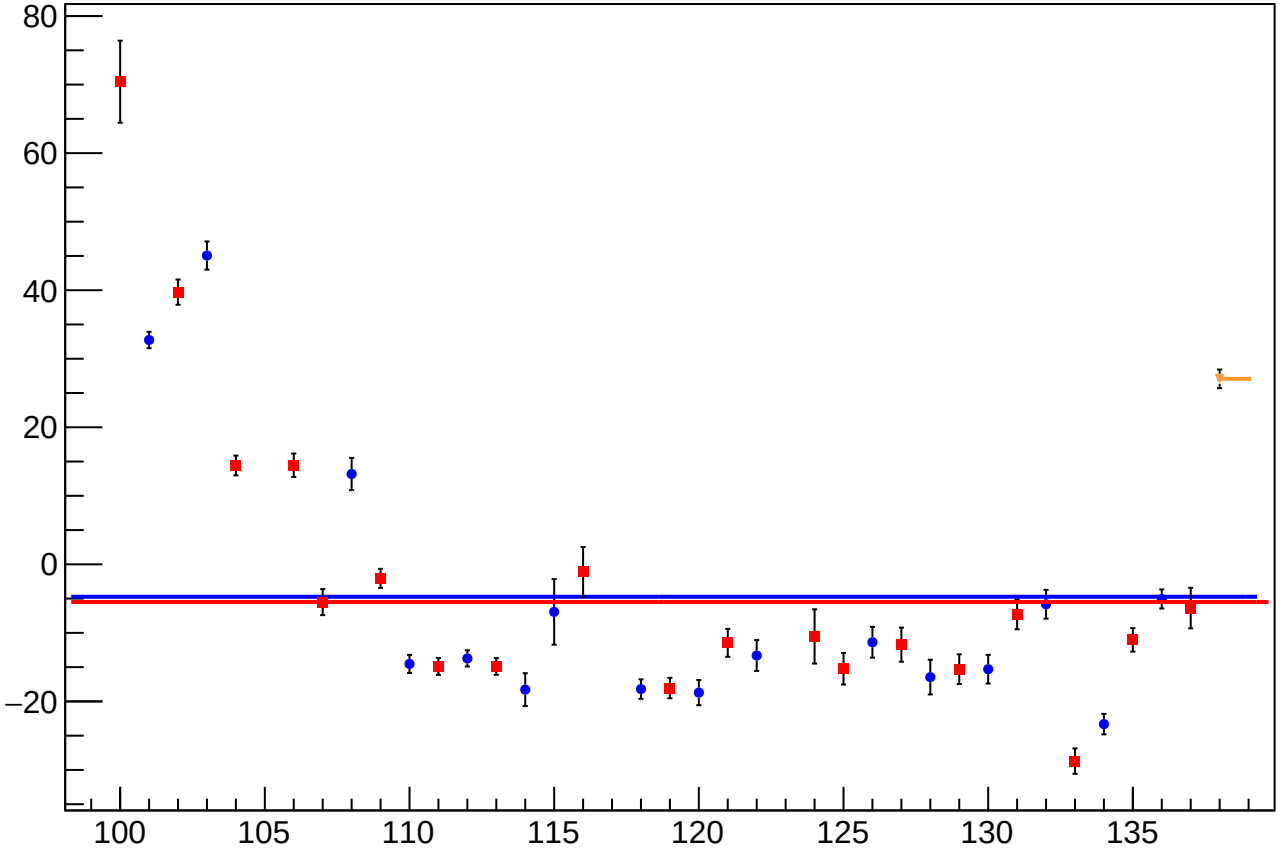
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.320+/-0.364 χ^2/NDF: 2998.7/16

All: -4.209+/-0.248 χ^2/NDF: 4660.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -4.729+/-0.431 χ^2/NDF: 2148.0/15

Left Out: 27.066+/-1.359 χ^2/NDF:0.0/0

Right Out: -5.491+/-0.422 χ^2/NDF: 1508.6/18

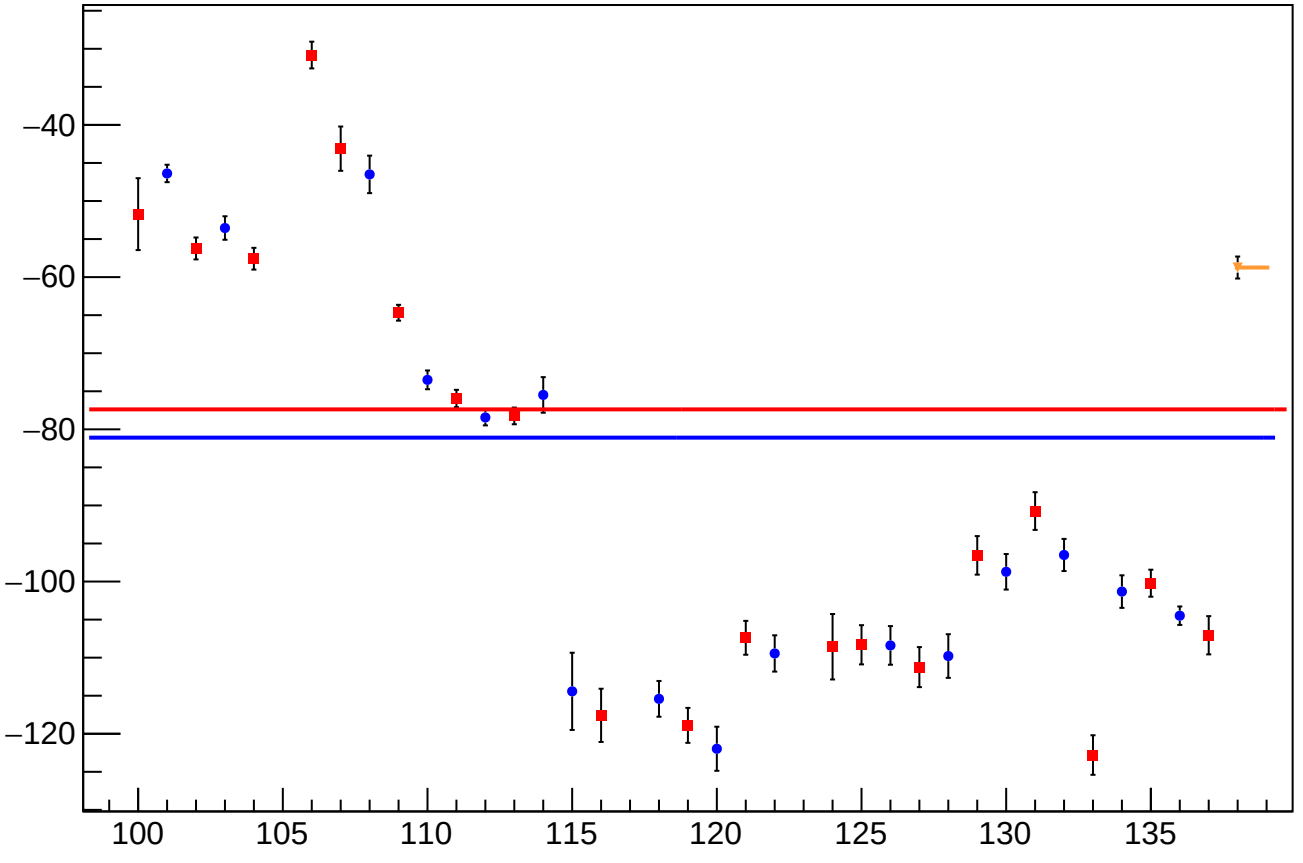
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.824+/-0.411 χ^2/NDF: 2645.7/16

All: -3.607+/-0.294 χ^2/NDF: 4193.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -81.091+/-0.438 χ^2/NDF: 2870.3/15

Left Out: -58.740+/-1.444 χ^2/NDF:0.0/0

Right Out: -77.379+/-0.417 χ^2/NDF: 3129.7/18

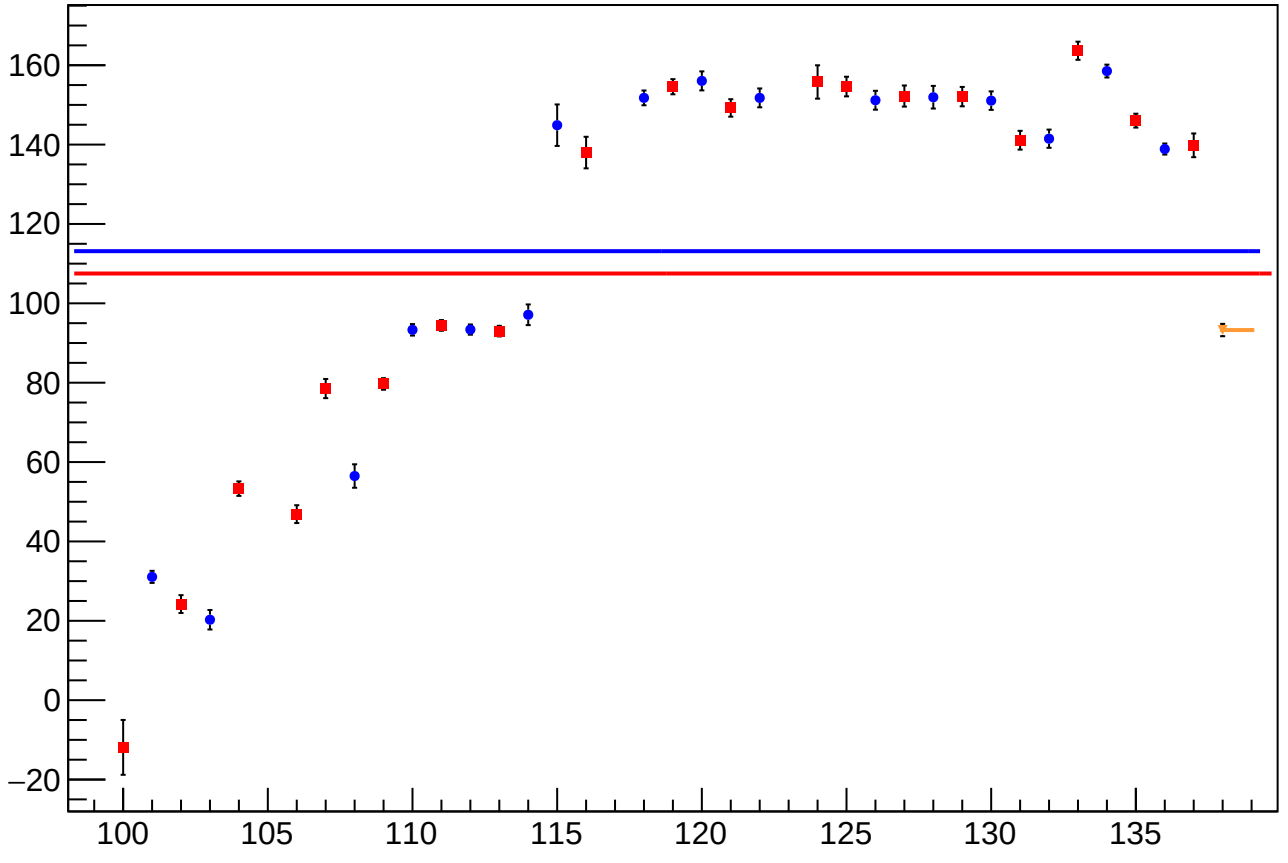
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -79.206+/-0.419 χ^2/NDF: 3089.6/16

All: -78.287+/-0.296 χ^2/NDF: 6228.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 113.143+/-0.489 χ^2/NDF: 8204.1/15

Left Out: 93.268+/-1.556 χ^2/NDF:0.0/0

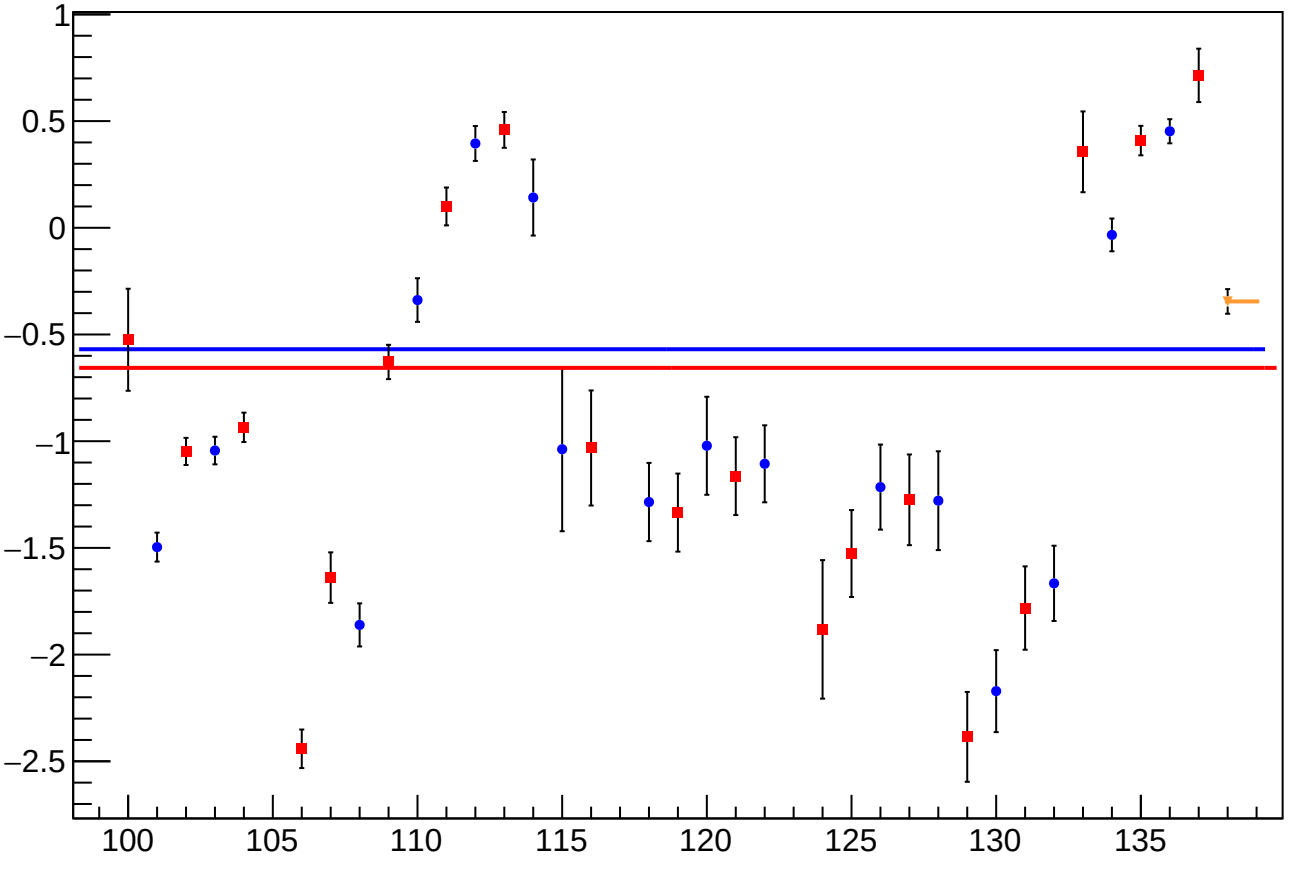
Right Out: 107.515+/-0.479 χ^2/NDF: 7544.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 111.357+/-0.467 χ^2/NDF: 8352.5/16

All: 109.488+/-0.334 χ^2/NDF: 15929.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.569+/-0.026 χ^2/NDF: 1097.4/15

Left Out: -0.345+/-0.058 χ^2/NDF:0.0/0

Right Out: -0.656+/-0.025 χ^2/NDF: 1315.2/18

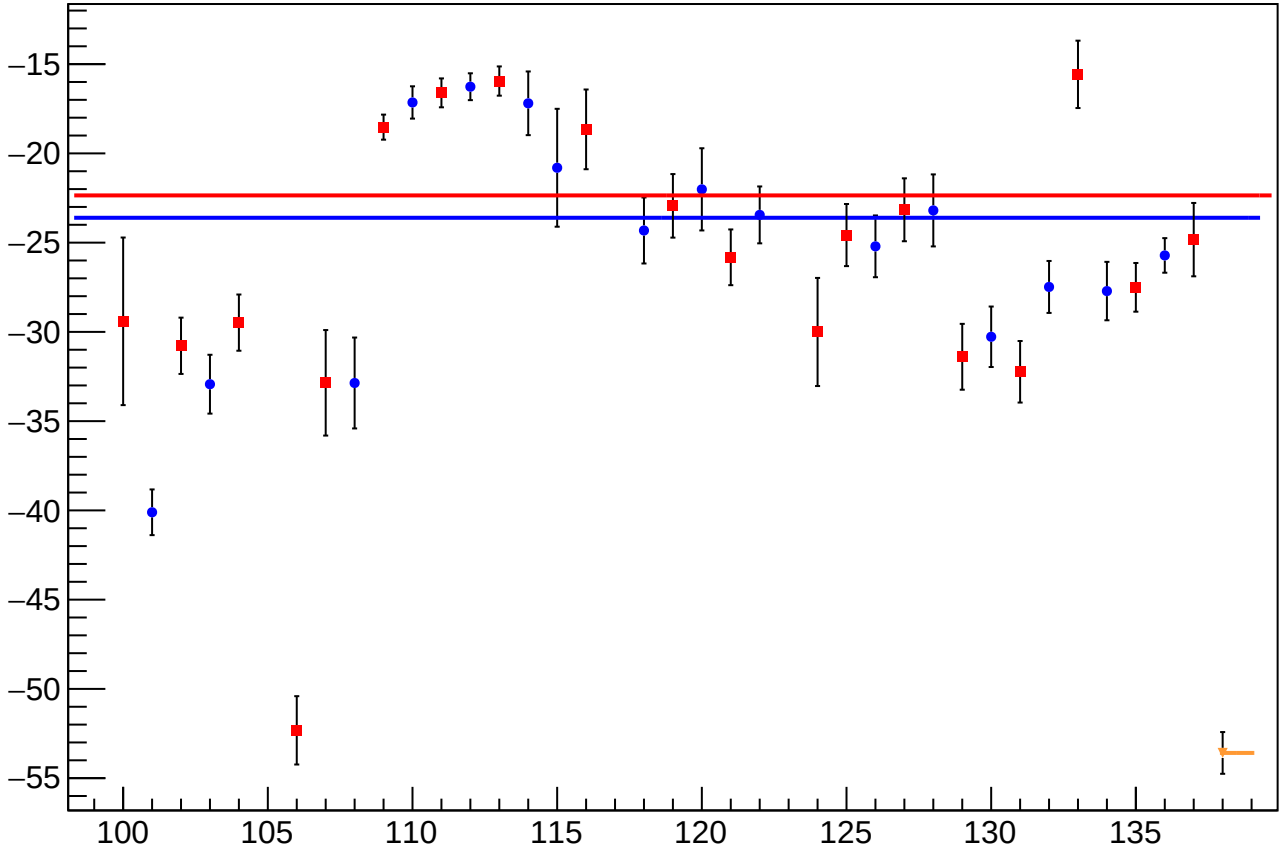
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.532+/-0.024 χ^2/NDF: 1110.0/16

All: -0.590+/-0.017 χ^2/NDF: 2438.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -23.607+/-0.348 χ^2/NDF: 406.4/15

Left Out: -53.587+/-1.169 χ^2/NDF:0.0/0

Right Out: -22.354+/-0.322 χ^2/NDF: 551.7/18

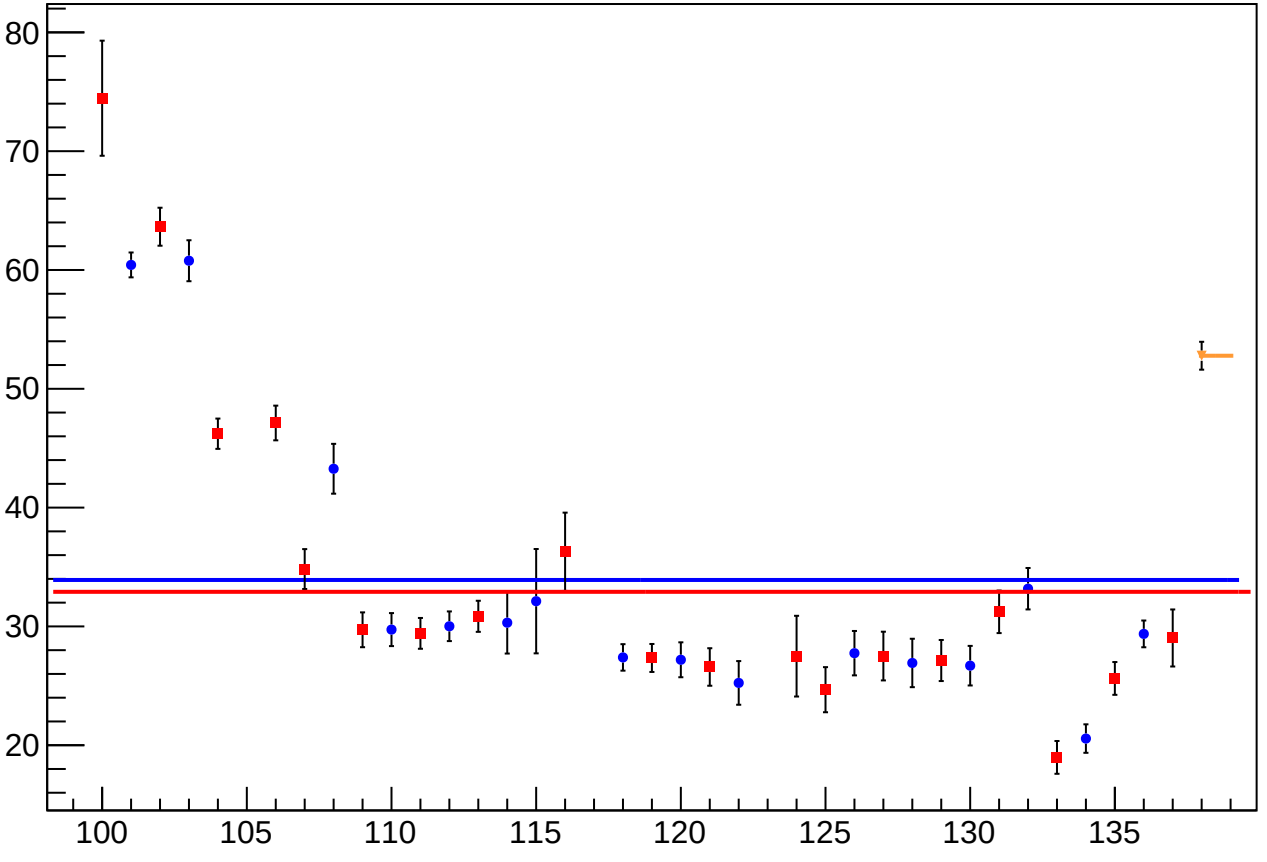
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -26.050+/-0.334 χ^2/NDF: 1010.2/16

All: -24.134+/-0.232 χ^2/NDF: 1625.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 33.909+/-0.375 χ^2/NDF: 1184.4/15

Left Out: 52.783+/-1.173 χ^2/NDF:0.0/0

Right Out: 32.911+/-0.373 χ^2/NDF: 875.0/18

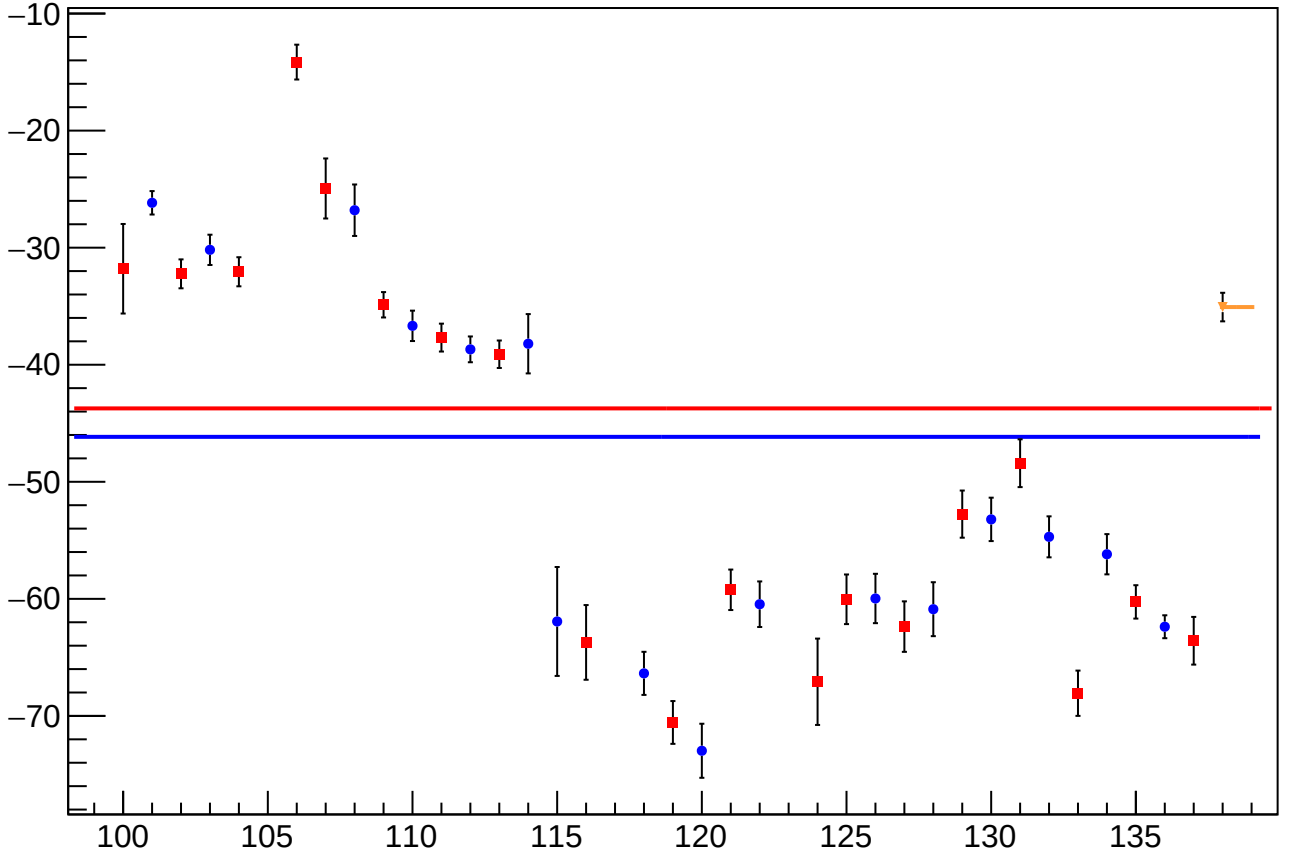
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 35.661+/-0.357 χ^2/NDF: 1419.2/16

All: 34.343+/-0.258 χ^2/NDF: 2322.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -46.160+/-0.390 χ^2/NDF: 1489.6/15

Left Out: -35.073+/-1.220 χ^2/NDF:0.0/0

Right Out: -43.730+/-0.378 χ^2/NDF: 1663.4/18

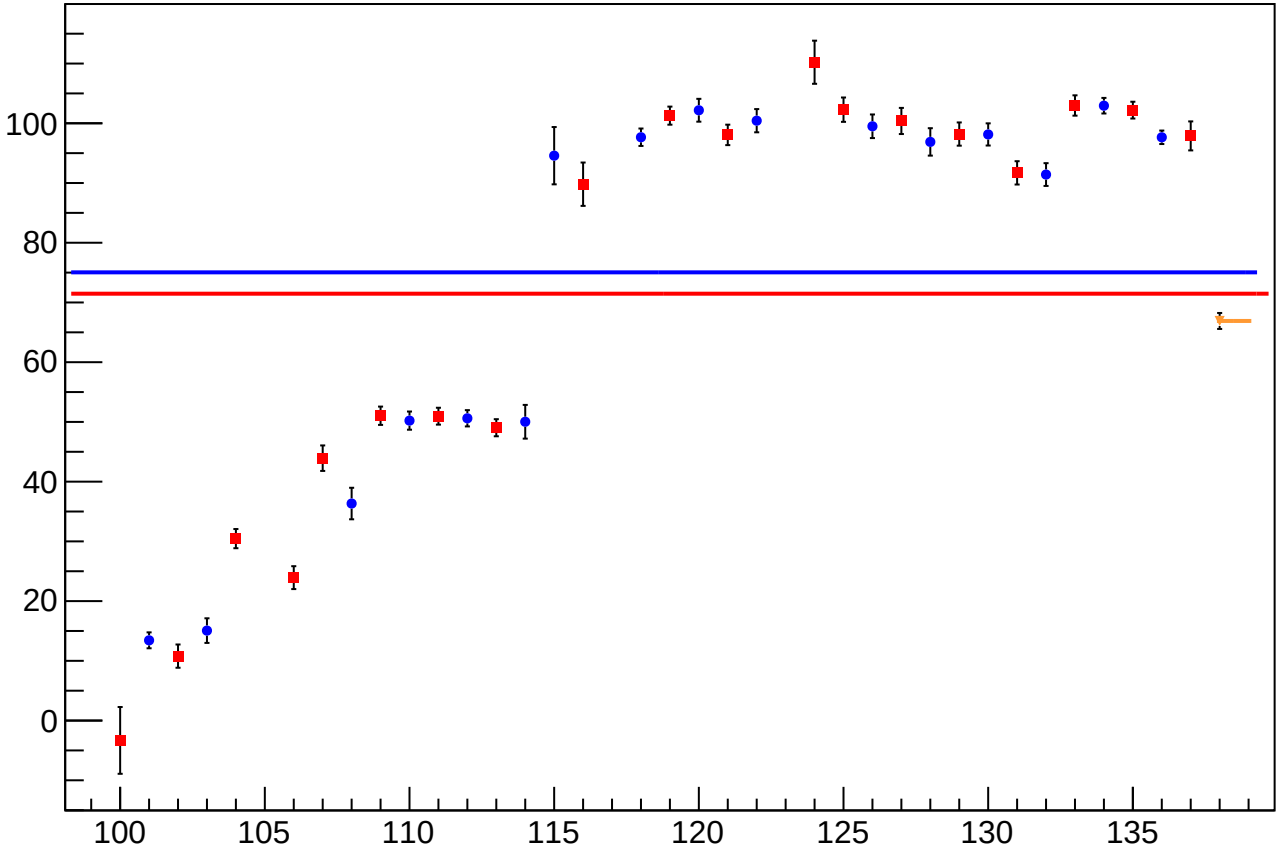
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -45.133+/-0.371 χ^2/NDF: 1564.6/16

All: -44.445+/-0.265 χ^2/NDF: 3234.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 75.042+/-0.427 χ^2/NDF: 5828.3/15

Left Out: 66.904+/-1.336 χ^2/NDF:0.0/0

Right Out: 71.468+/-0.426 χ^2/NDF: 5628.2/18

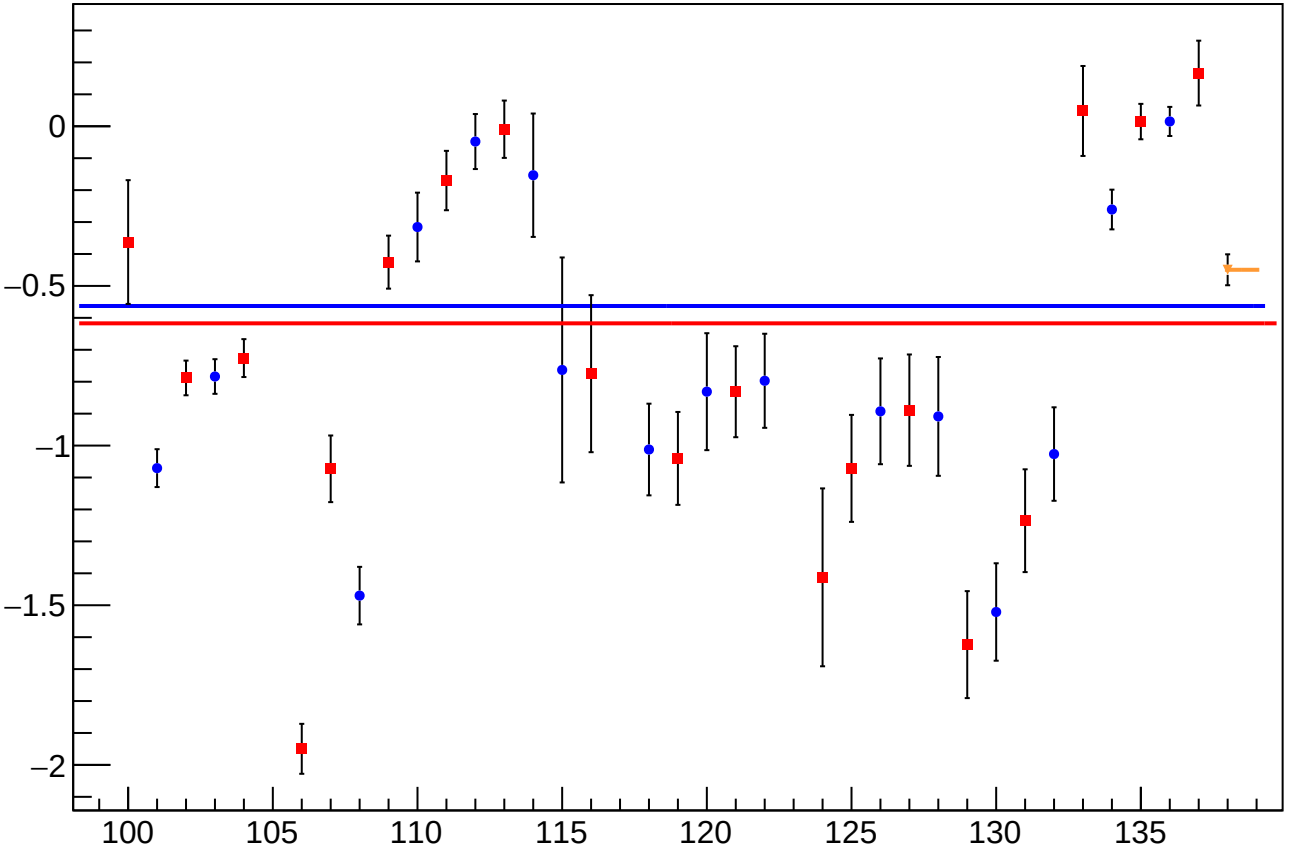
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 74.287+/-0.407 χ^2/NDF: 5861.9/16

All: 72.941+/-0.294 χ^2/NDF: 11513.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.563+/-0.022 χ^2/NDF: 493.0/15

Left Out: -0.449+/-0.048 χ^2/NDF:0.0/0

Right Out: -0.617+/-0.022 χ^2/NDF: 690.0/18

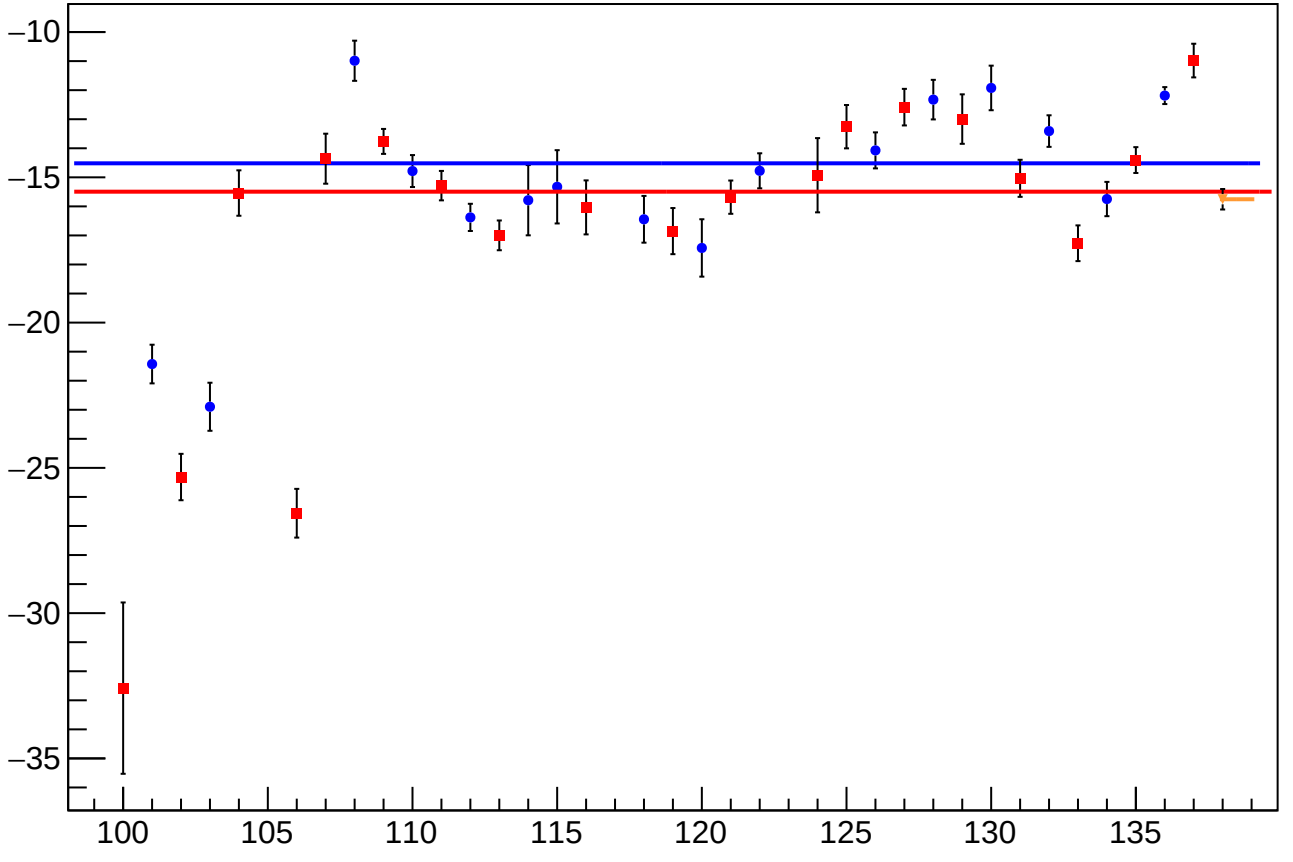
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.543+/-0.020 χ^2/NDF: 497.5/16

All: -0.577+/-0.015 χ^2/NDF: 1193.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -14.518+/-0.149 χ^2/NDF: 363.3/15

Left Out: -15.755+/-0.352 χ^2/NDF:0.0/0

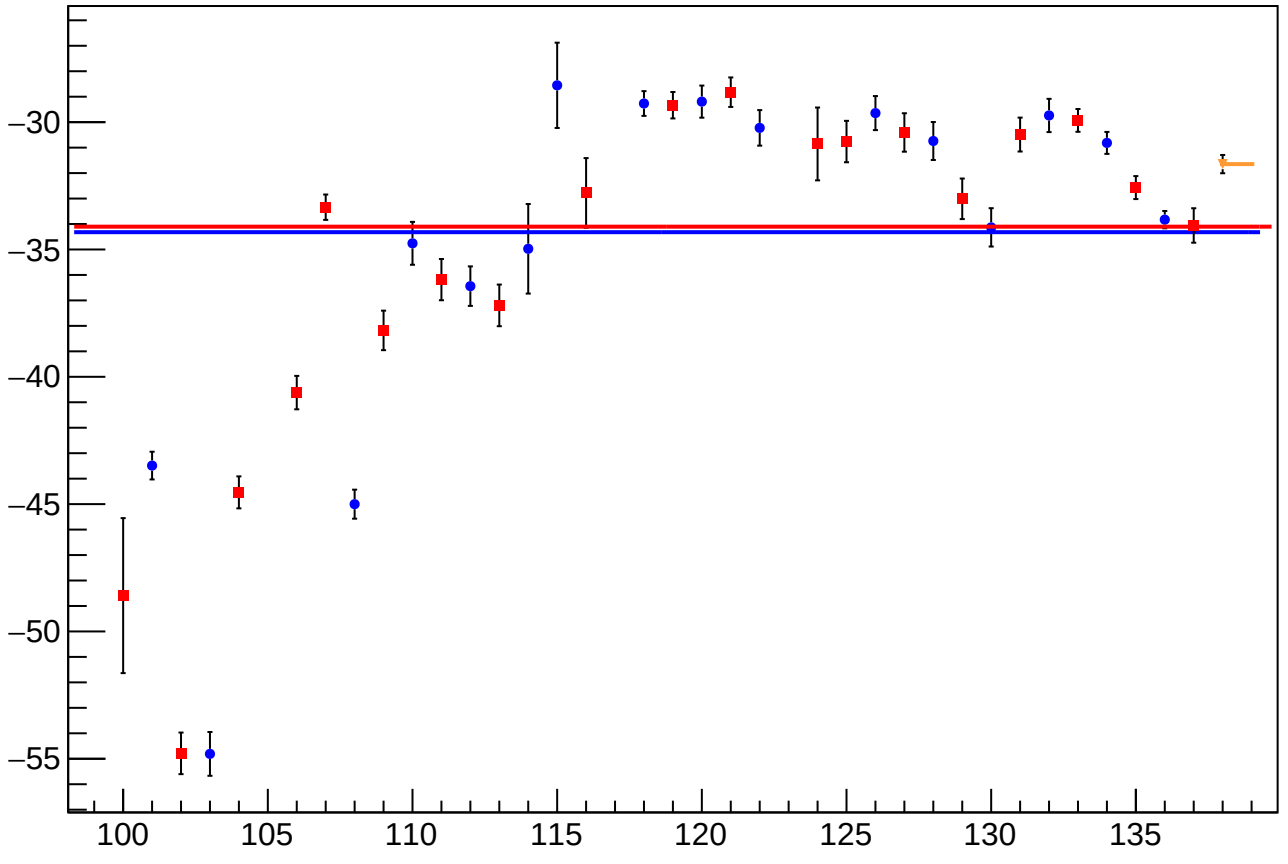
Right Out: -15.494+/-0.150 χ^2/NDF: 503.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -14.706+/-0.138 χ^2/NDF: 373.8/16

All: -15.066+/-0.101 χ^2/NDF: 892.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -34.321+/-0.153 χ^2/NDF: 1620.5/15

Left Out: -31.647+/-0.359 χ^2/NDF:0.0/0

Right Out: -34.104+/-0.154 χ^2/NDF: 1434.8/18

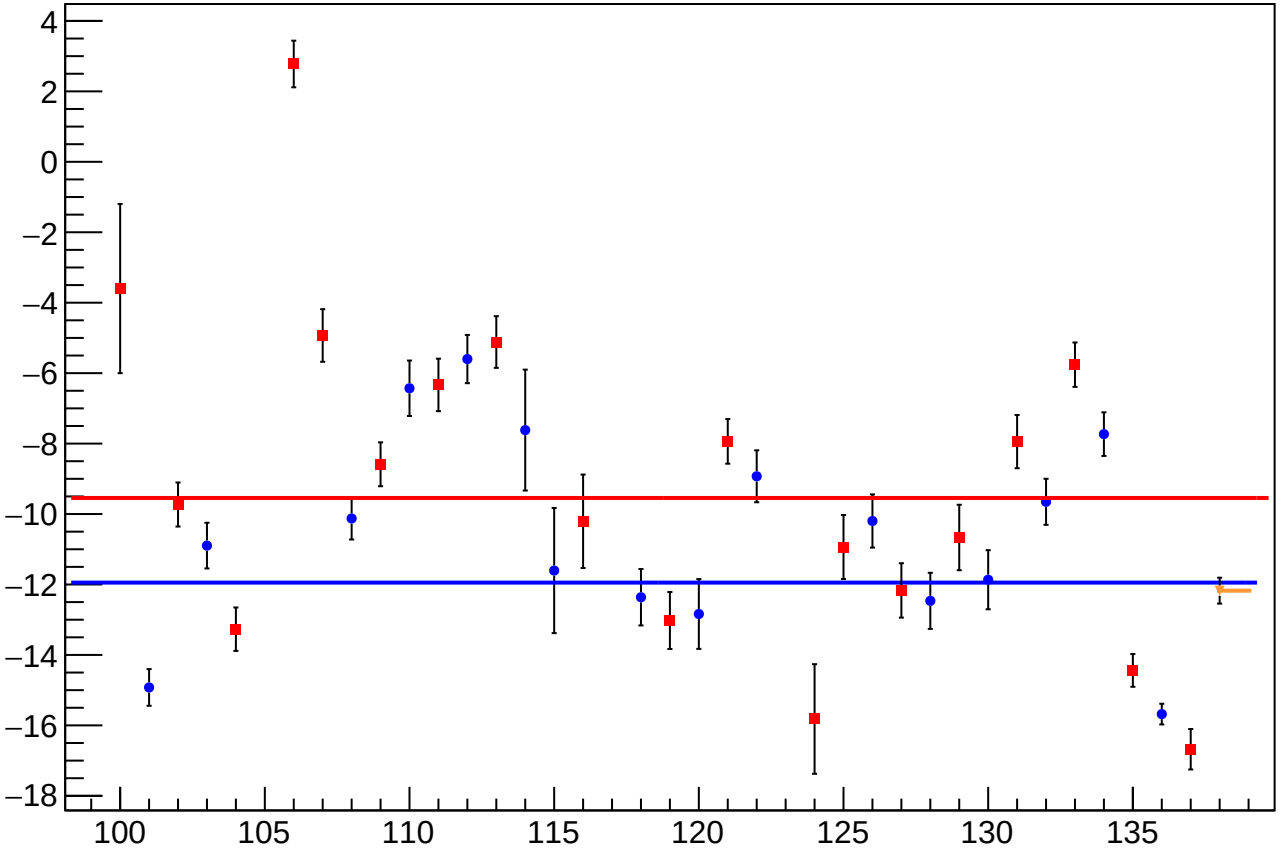
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -33.908+/-0.141 χ^2/NDF: 1667.5/16

All: -33.997+/-0.104 χ^2/NDF: 3103.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -11.946+/-0.160 χ^2/NDF: 430.0/15

Left Out: -12.175+/-0.368 χ^2/NDF:0.0/0

Right Out: -9.544+/-0.165 χ^2/NDF: 847.1/18

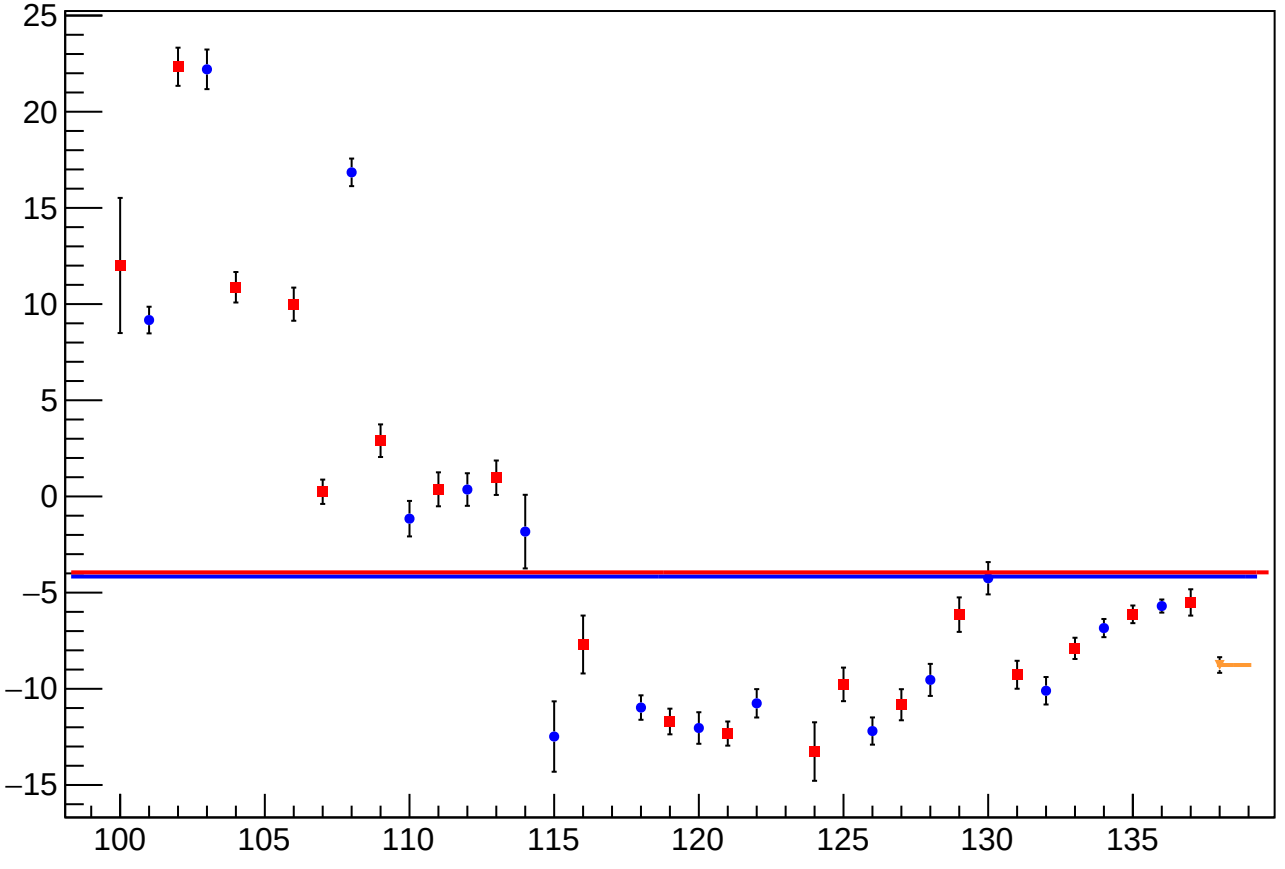
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -11.983+/-0.147 χ^2/NDF: 430.3/16

All: -10.906+/-0.110 χ^2/NDF: 1399.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -4.163+/-0.172 χ^2/NDF: 2525.0/15

Left Out: -8.763+/-0.407 χ^2/NDF:0.0/0

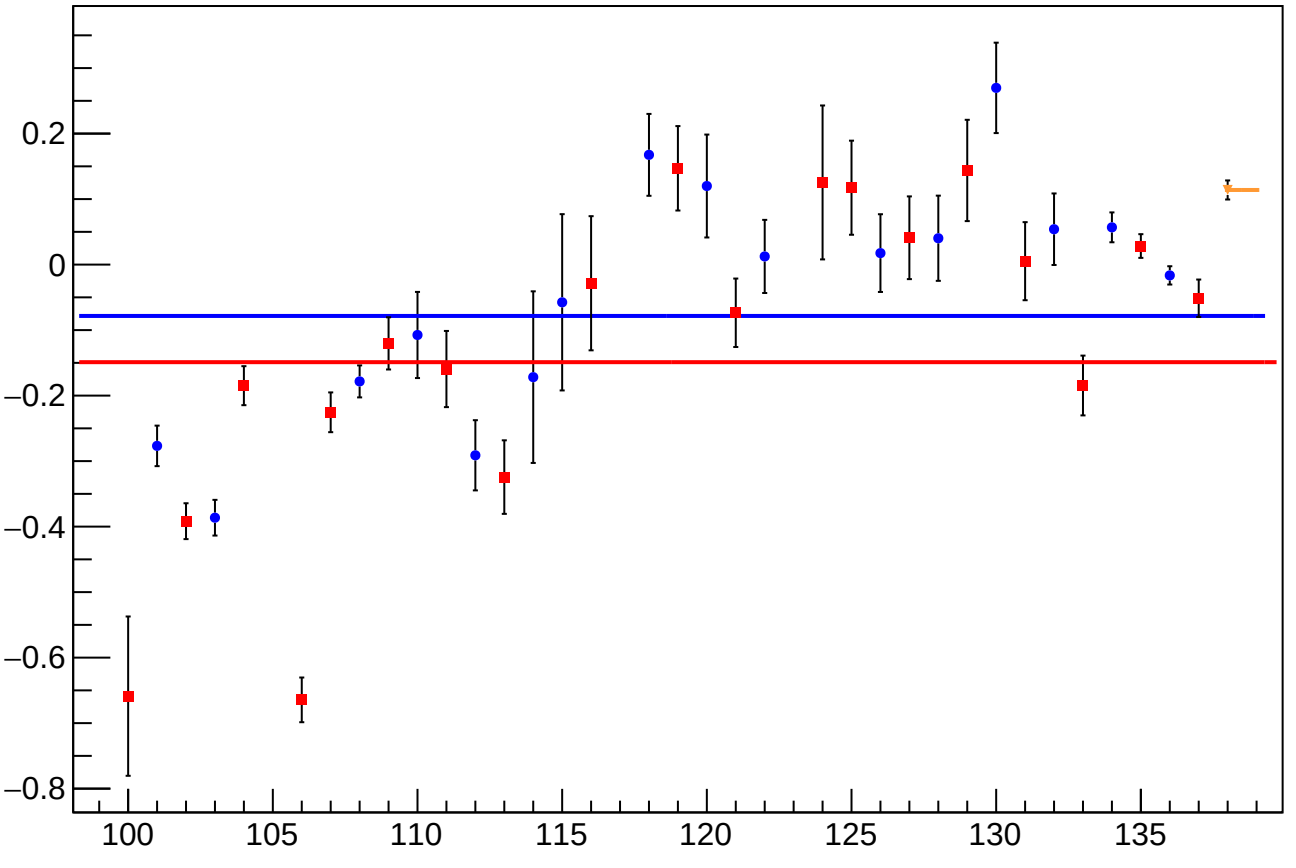
Right Out: -3.947+/-0.176 χ^2/NDF: 2110.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -4.860+/-0.158 χ^2/NDF: 2633.5/16

All: -4.451+/-0.118 χ^2/NDF: 4758.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.078+/-0.009 χ^2/NDF: 318.8/15

Left Out: 0.114+/-0.015 χ^2/NDF:0.0/0

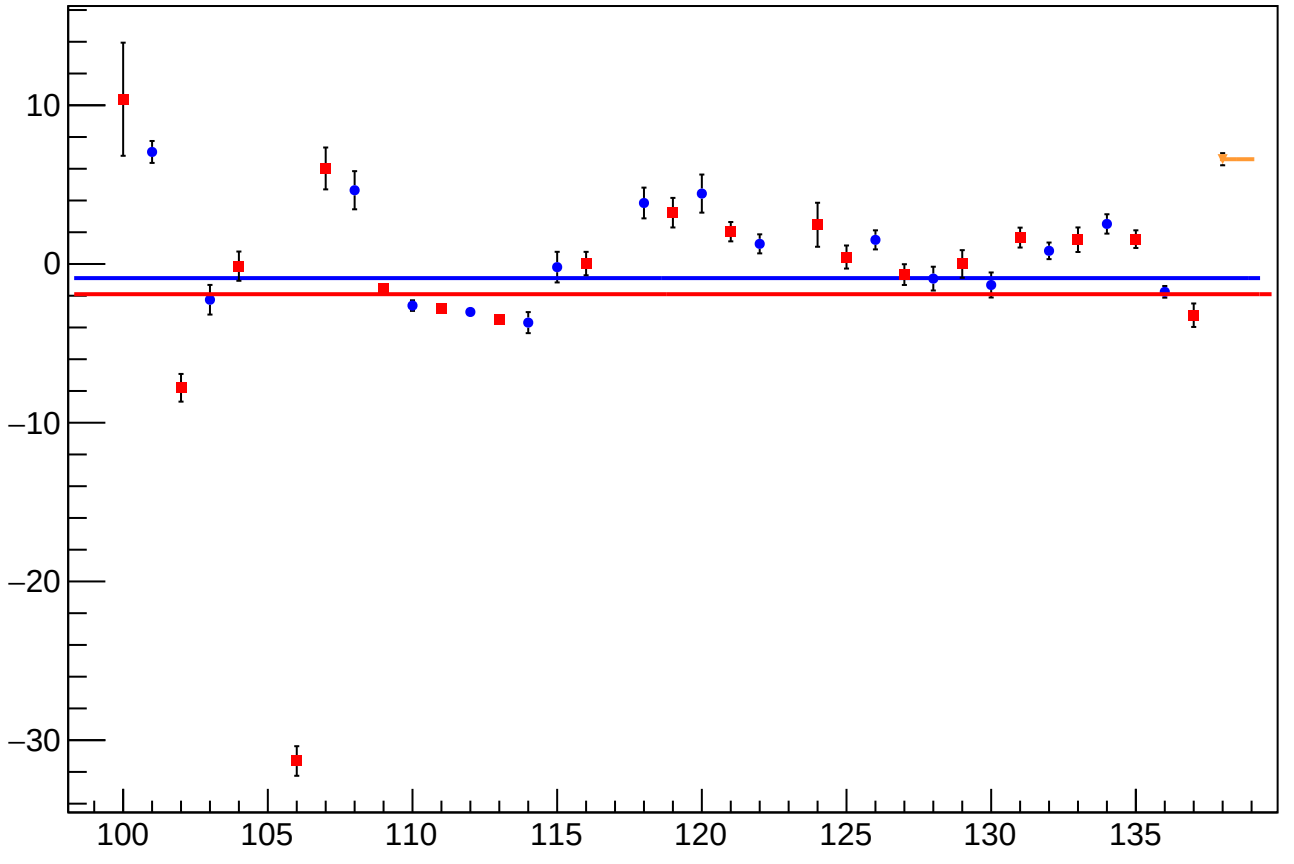
Right Out: -0.149+/-0.009 χ^2/NDF: 524.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.029+/-0.007 χ^2/NDF: 448.4/16

All: -0.077+/-0.006 χ^2/NDF: 1078.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.889+/-0.137 χ^2/NDF: 380.3/15

Left Out: 6.601+/-0.383 χ^2/NDF:0.0/0

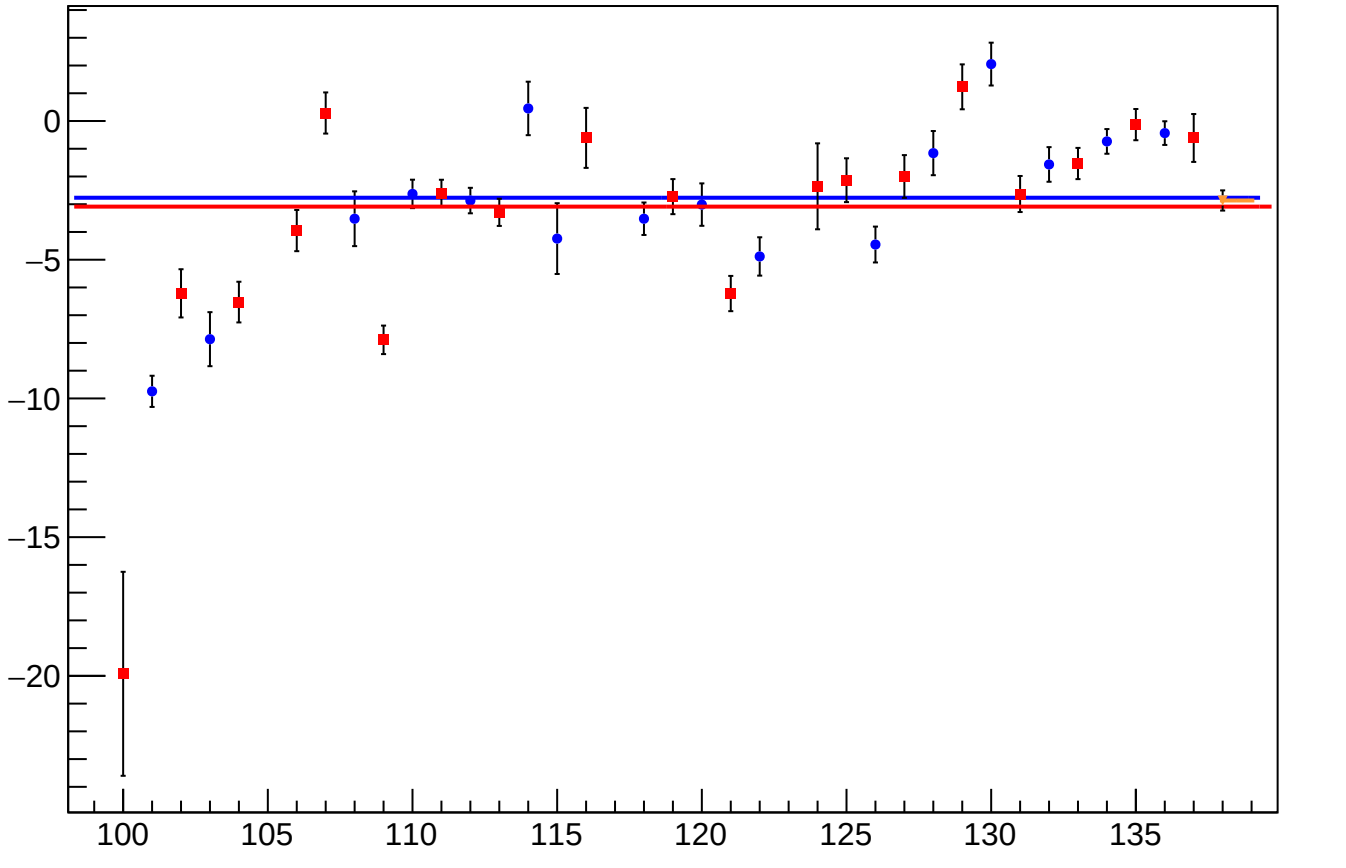
Right Out: -1.903+/-0.128 χ^2/NDF: 1331.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.044+/-0.129 χ^2/NDF: 719.6/16

All: -0.976+/-0.091 χ^2/NDF: 2156.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.766+/-0.156 χ^2/NDF: 310.1/15

Left Out: -2.865+/-0.364 χ^2/NDF:0.0/0

Right Out: -3.086+/-0.158 χ^2/NDF: 272.5/18

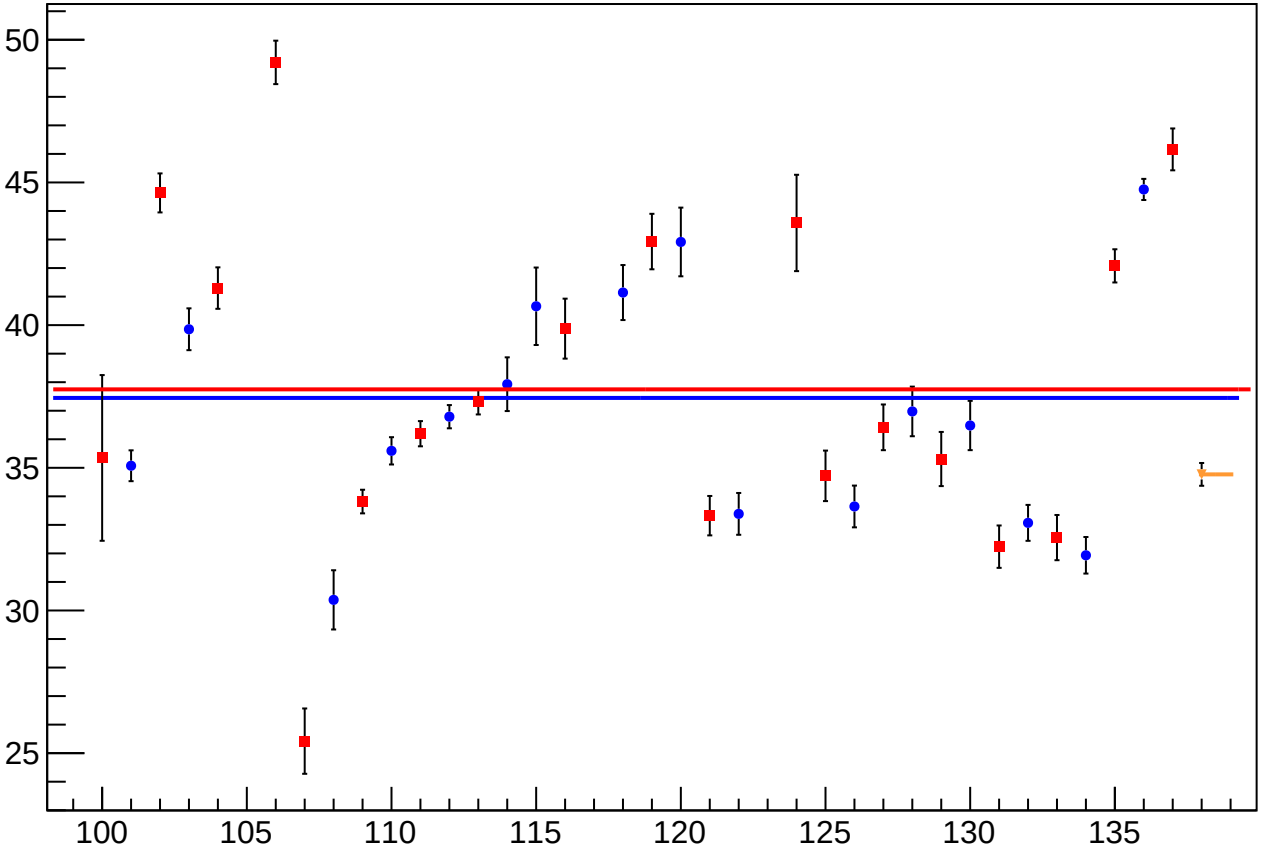
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.781+/-0.144 χ^2/NDF: 310.1/16

All: -2.919+/-0.106 χ^2/NDF: 584.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 37.449+/-0.161 χ^2/NDF: 706.9/15

Left Out: 34.770+/-0.399 χ^2/NDF:0.0/0

Right Out: 37.749+/-0.159 χ^2/NDF: 963.6/18

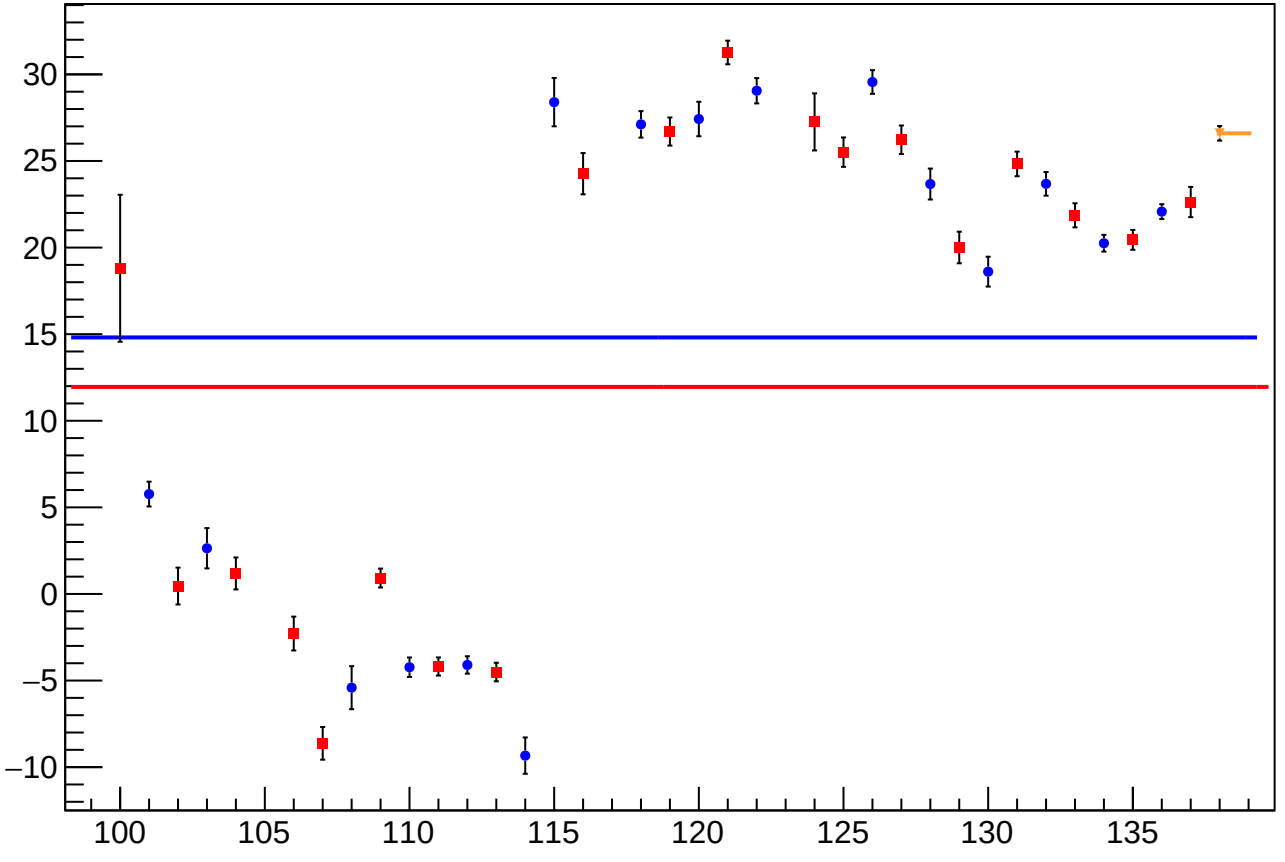
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.076+/-0.149 χ^2/NDF: 745.7/16

All: 37.390+/-0.109 χ^2/NDF: 1718.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.812+/-0.174 χ^2/NDF: 5686.4/15

Left Out: 26.597+/-0.421 χ^2/NDF:0.0/0

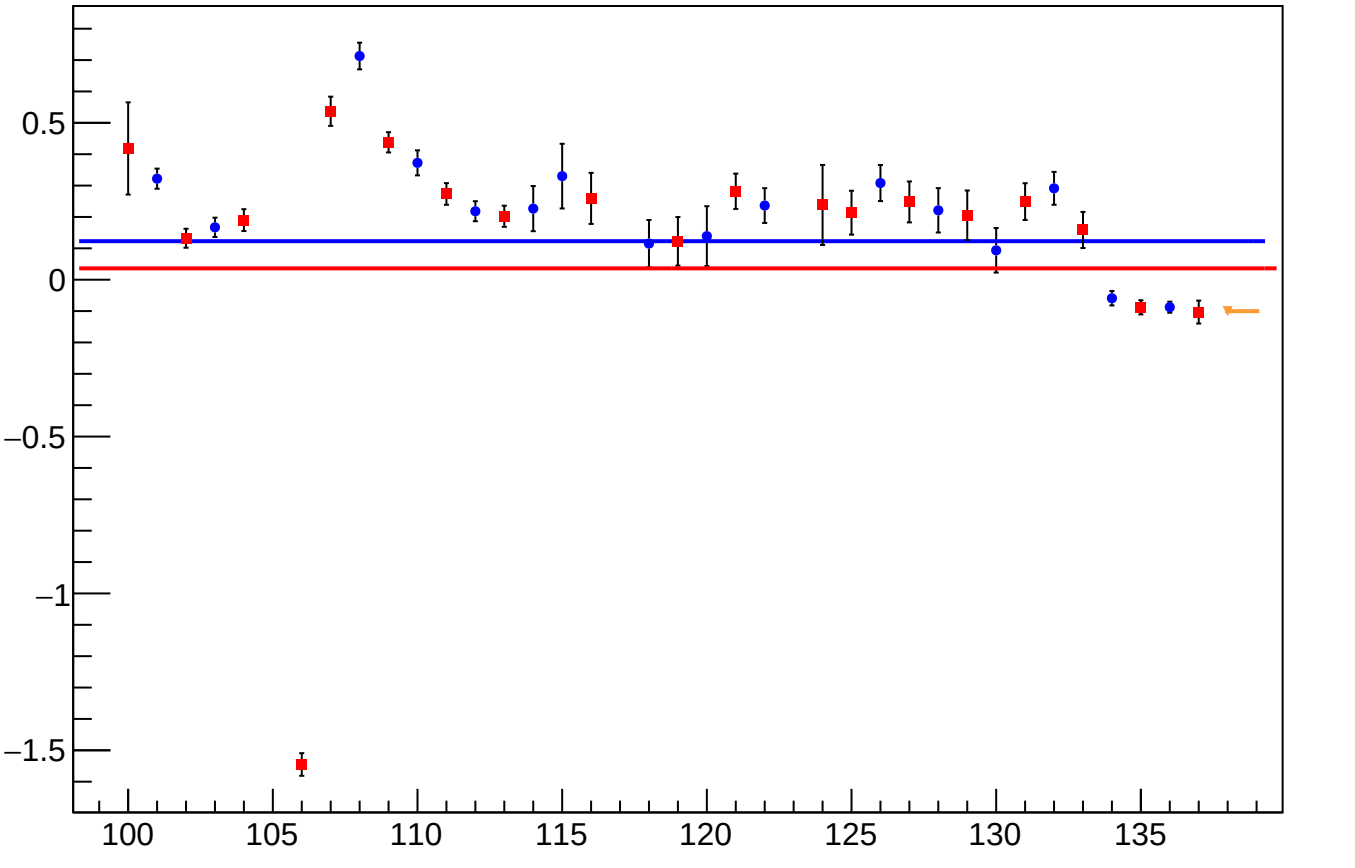
Right Out: 11.955+/-0.177 χ^2/NDF: 6105.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.532+/-0.161 χ^2/NDF: 6356.9/16

All: 14.462+/-0.119 χ^2/NDF: 12829.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.123+/-0.009 χ^2/NDF: 520.0/15

Left Out: -0.100+/-0.016 χ^2/NDF:0.0/0

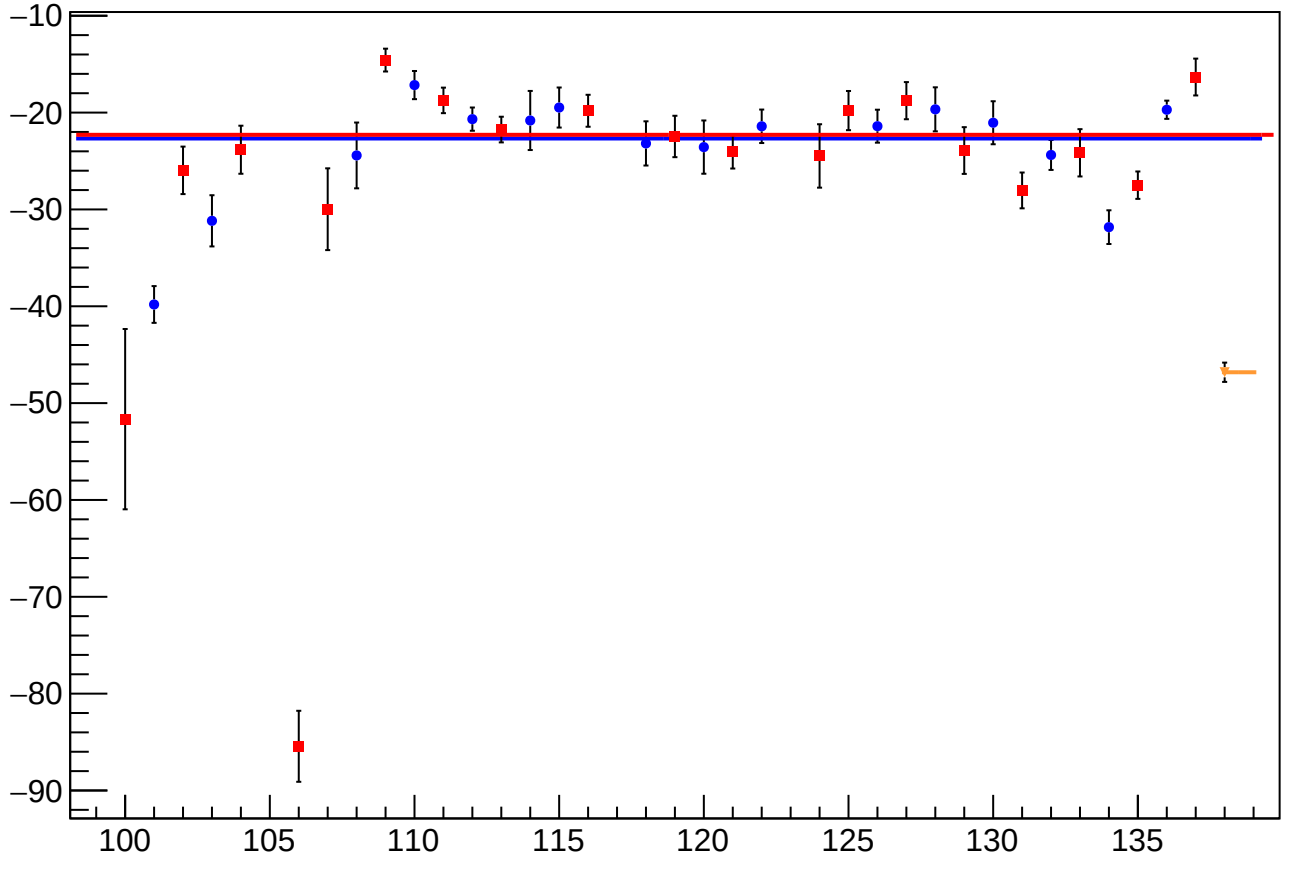
Right Out: 0.036+/-0.010 χ^2/NDF: 2414.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.066+/-0.008 χ^2/NDF: 662.8/16

All: 0.054+/-0.006 χ^2/NDF: 3083.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -22.675+/-0.435 χ^2/NDF: 154.4/15

Left Out: -46.813+/-0.996 χ^2/NDF:0.0/0

Right Out: -22.295+/-0.435 χ^2/NDF: 405.5/18

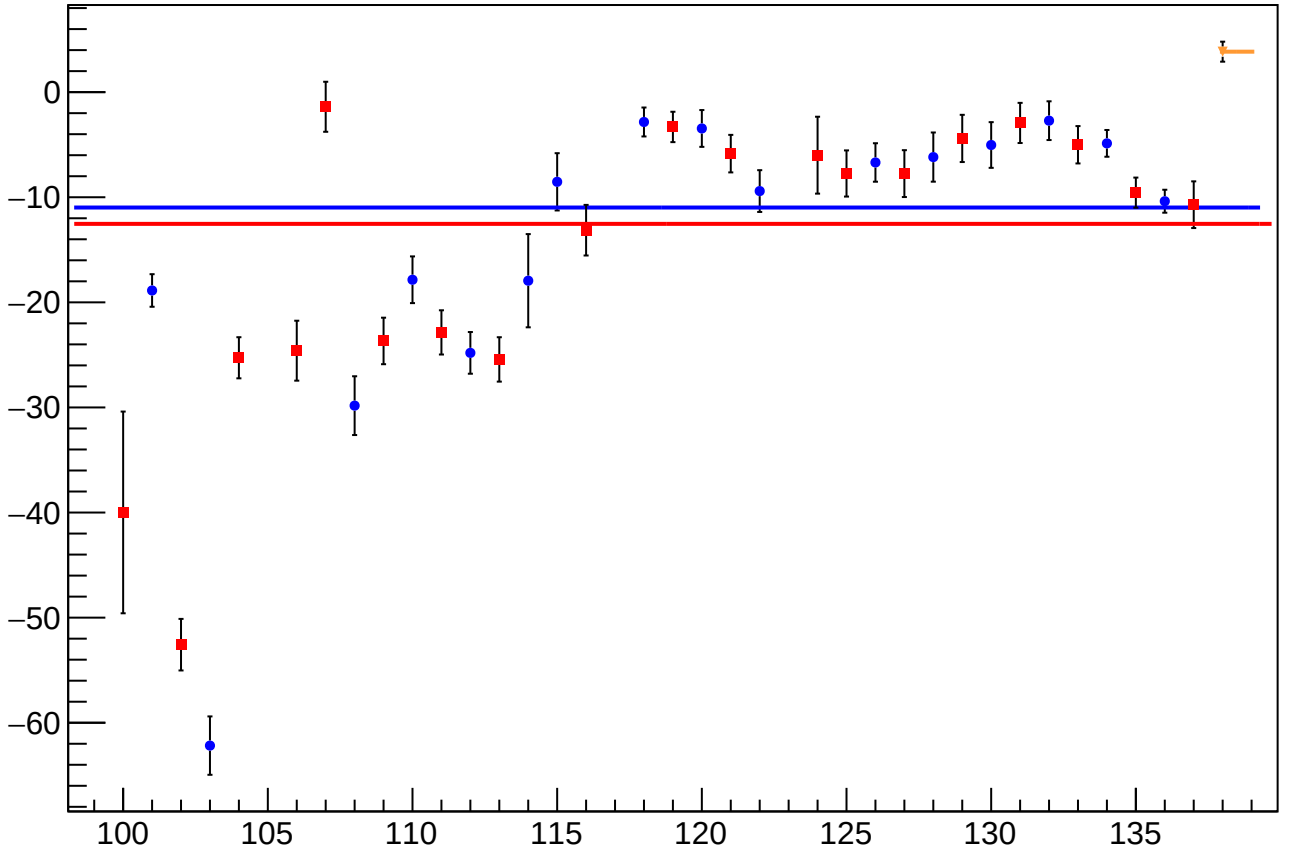
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -26.535+/-0.398 χ^2/NDF: 647.9/16

All: -24.602+/-0.294 χ^2/NDF: 1105.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -10.978+/-0.453 χ^2/NDF: 587.3/15

Left Out: 3.851+/-0.952 χ^2/NDF:0.0/0

Right Out: -12.533+/-0.481 χ^2/NDF: 572.3/18

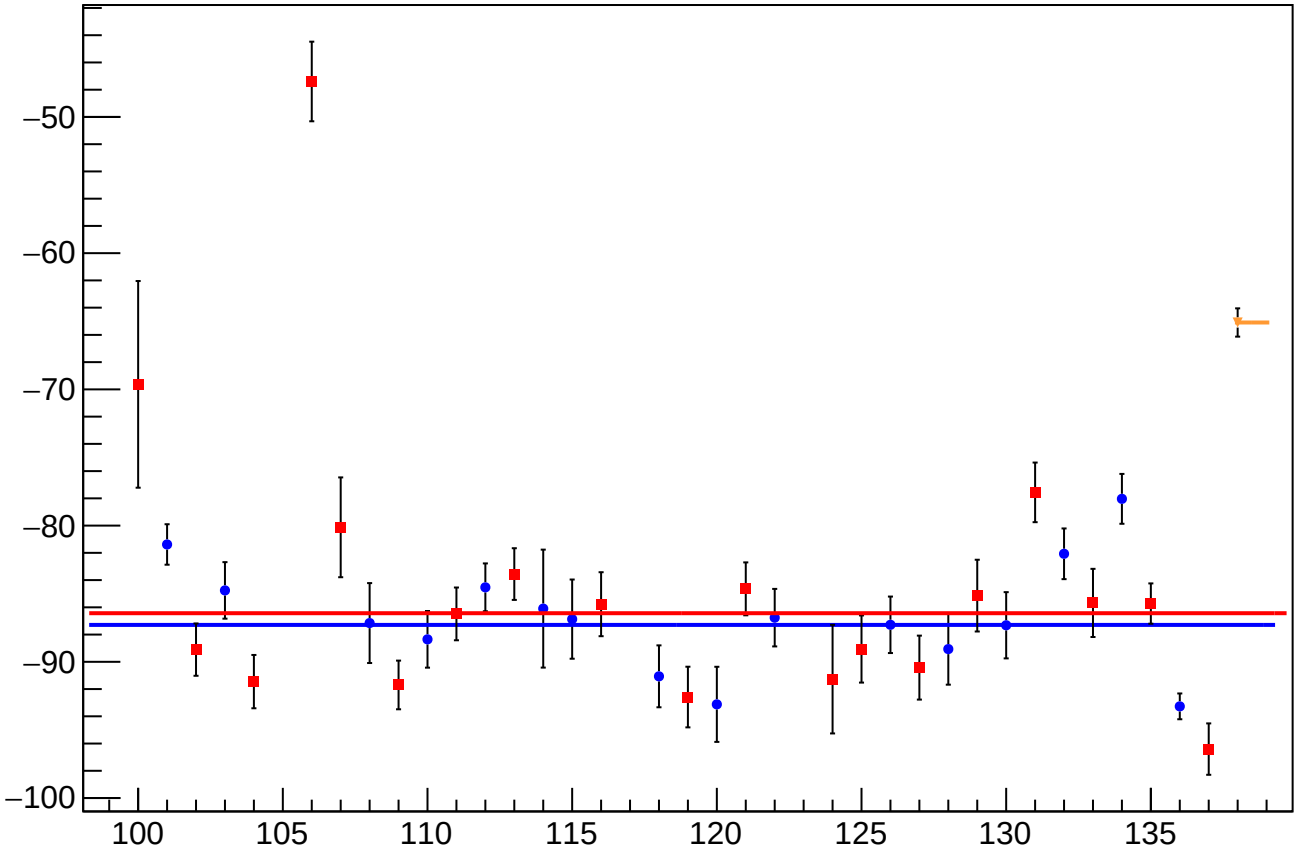
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.236+/-0.409 χ^2/NDF: 785.1/16

All: -10.040+/-0.312 χ^2/NDF: 1403.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -87.291+/-0.481 χ^2/NDF: 101.2/15

Left Out: -65.090+/-1.039 χ^2/NDF:0.0/0

Right Out: -86.431+/-0.506 χ^2/NDF: 264.8/18

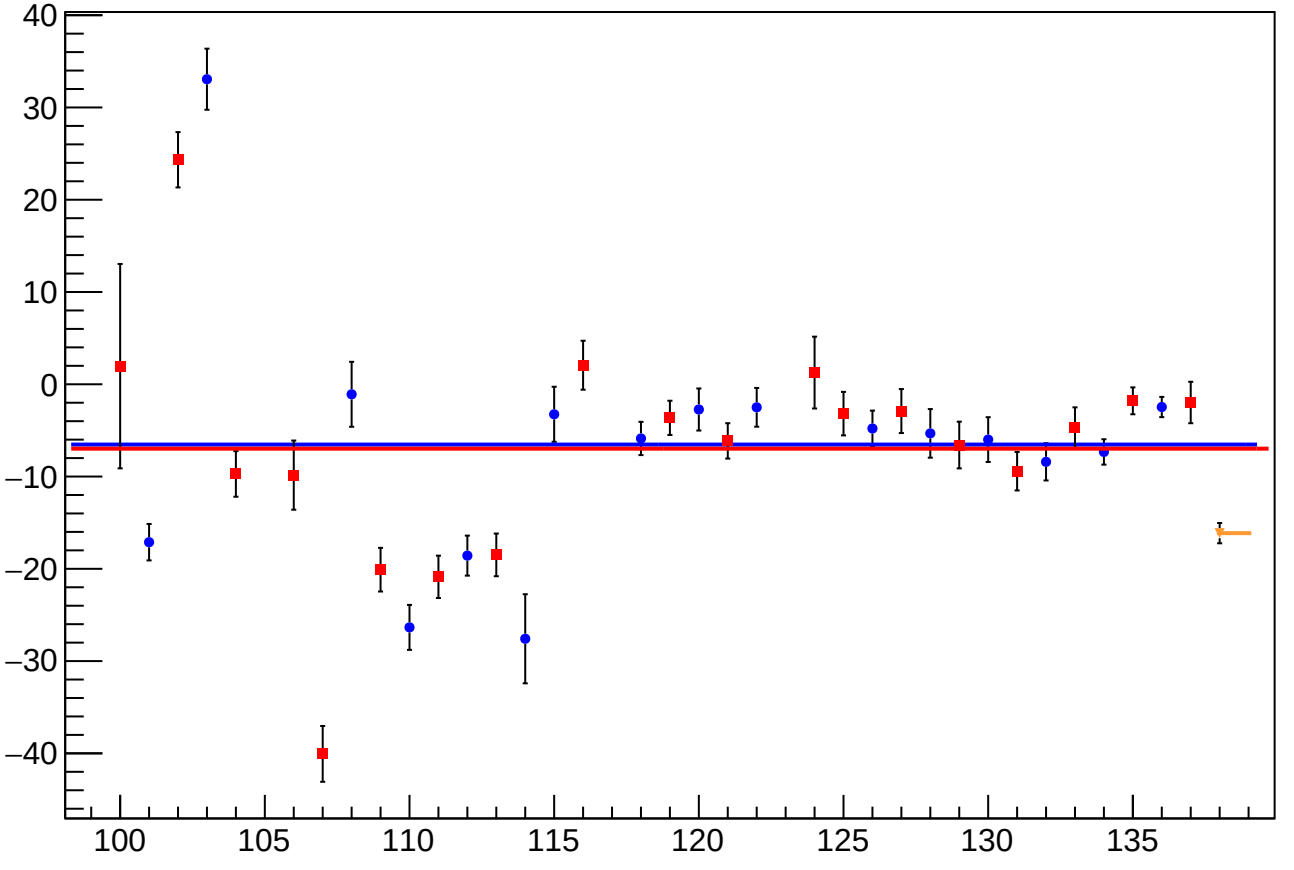
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -83.377+/-0.436 χ^2/NDF: 477.4/16

All: -84.679+/-0.330 χ^2/NDF: 763.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -6.535+/-0.508 χ^2/NDF: 313.9/15

Left Out: -16.134+/-1.099 χ^2/NDF:0.0/0

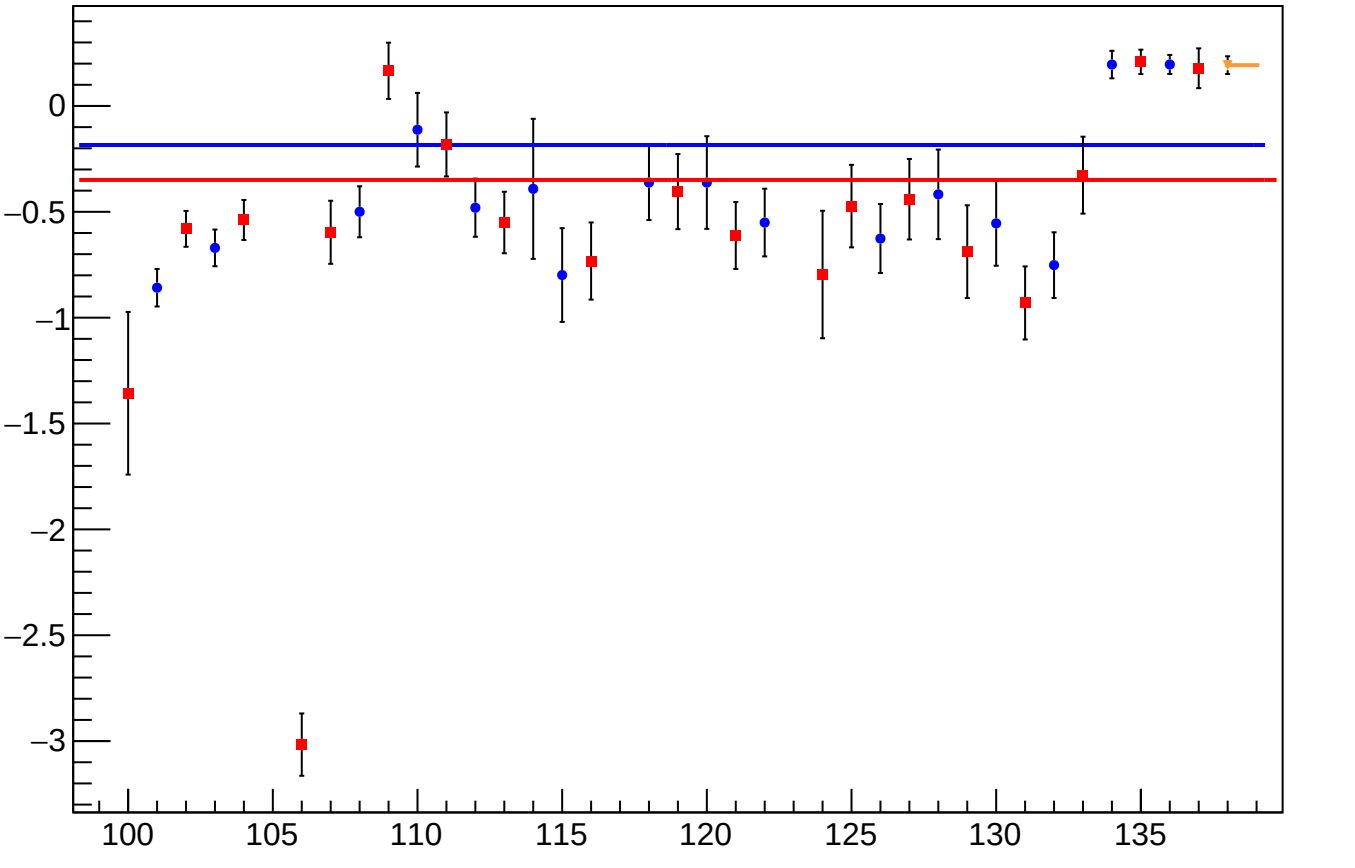
Right Out: -6.979+/-0.542 χ^2/NDF: 368.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.225+/-0.461 χ^2/NDF: 376.8/16

All: -7.702+/-0.351 χ^2/NDF: 748.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.184+/-0.027 χ^2/NDF: 247.3/15

Left Out: 0.193+/-0.042 χ^2/NDF:0.0/0

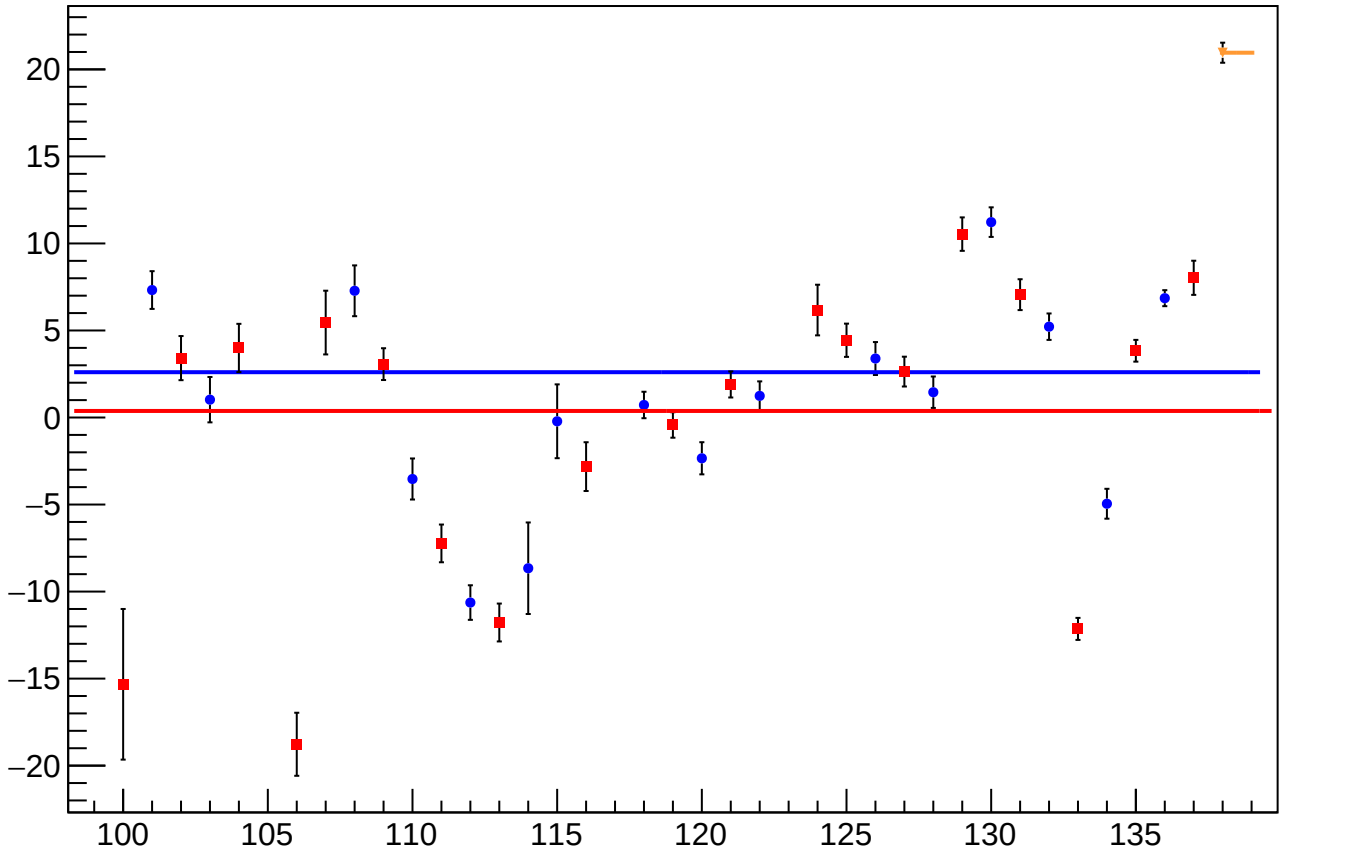
Right Out: -0.349+/-0.029 χ^2/NDF: 516.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.075+/-0.023 χ^2/NDF: 304.7/16

All: -0.177+/-0.018 χ^2/NDF: 876.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2.604+/-0.224 χ^2/NDF: 573.1/15

Left Out: 20.958+/-0.577 χ^2/NDF:0.0/0

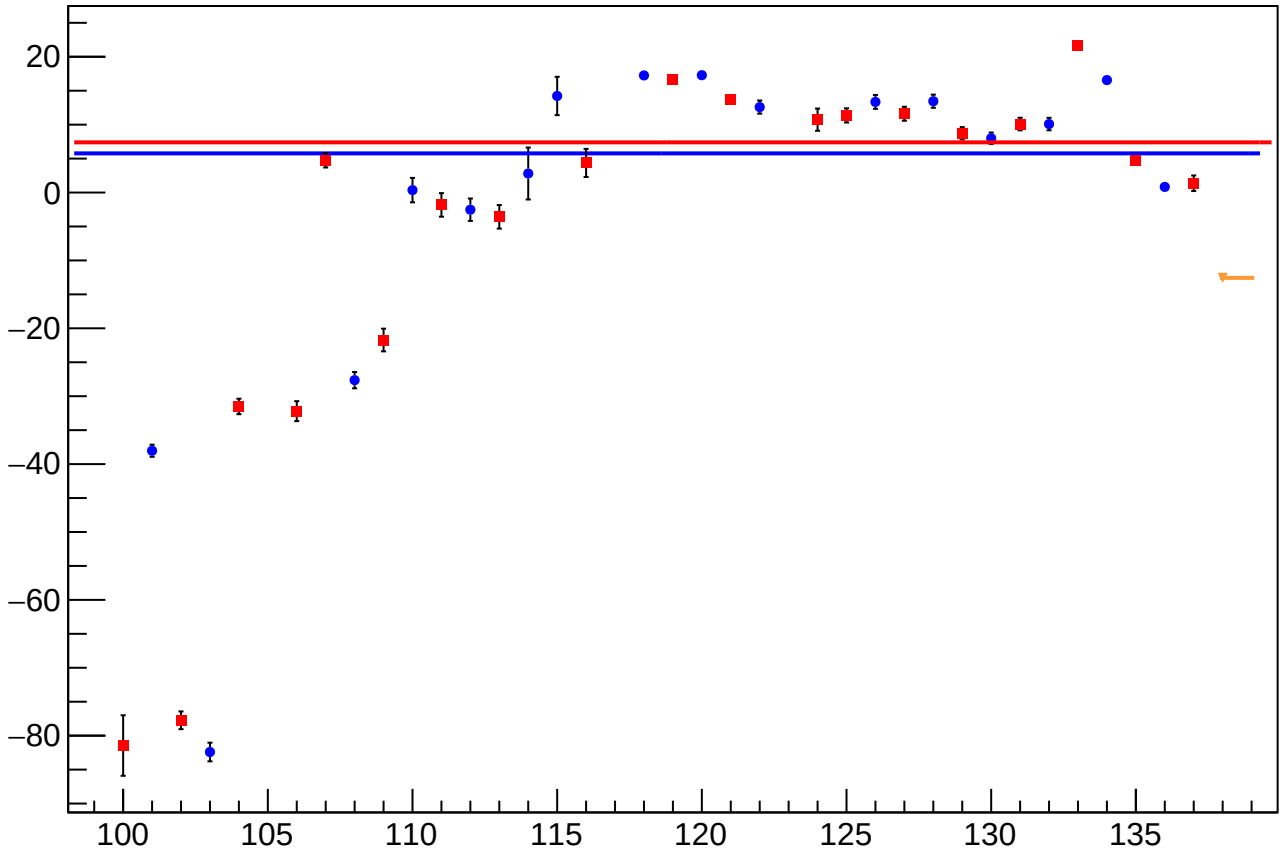
Right Out: 0.377+/-0.222 χ^2/NDF: 1030.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.013+/-0.209 χ^2/NDF: 1453.5/16

All: 2.838+/-0.152 χ^2/NDF: 2715.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5.768+/-0.210 χ^2/NDF: 8933.8/15

Left Out: -12.566+/-0.582 χ^2/NDF:0.0/0

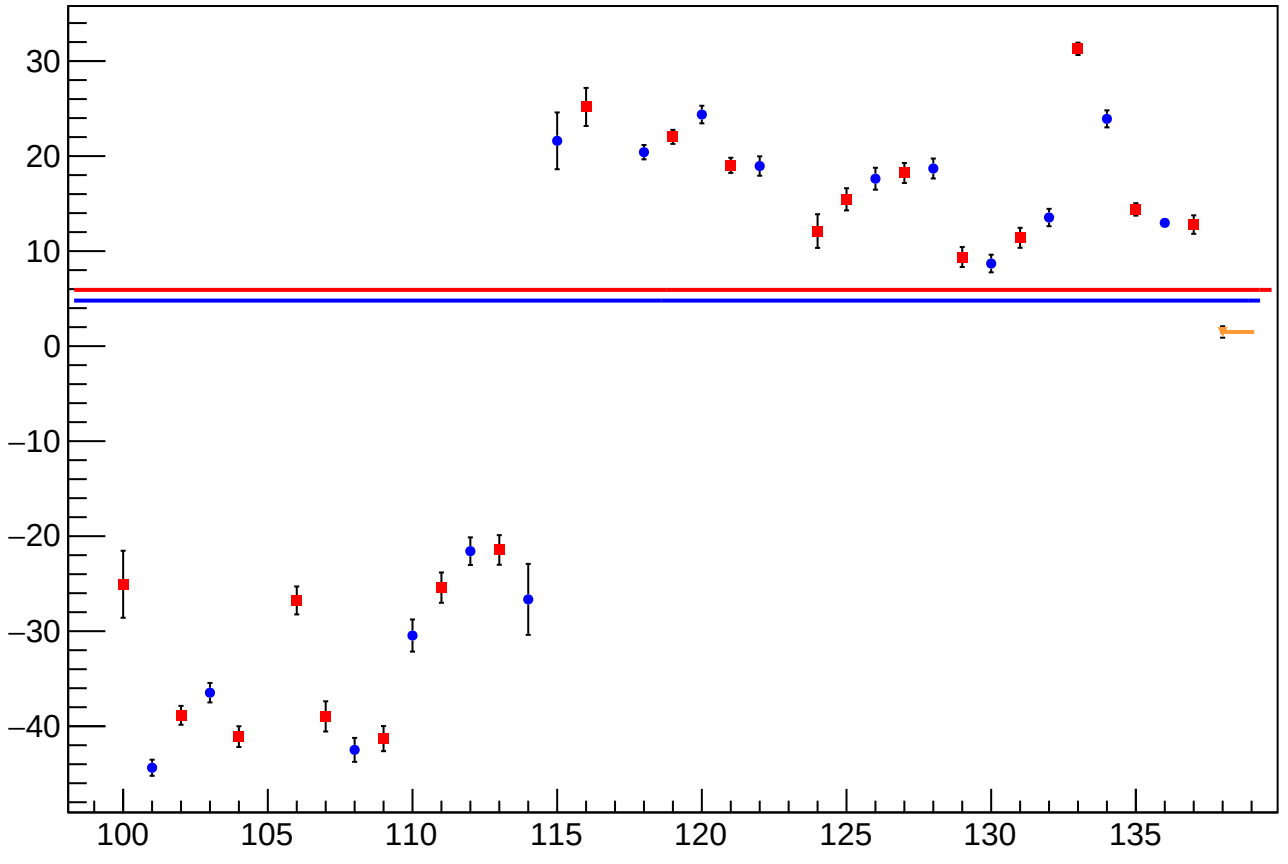
Right Out: 7.393+/-0.209 χ^2/NDF: 8390.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.660+/-0.197 χ^2/NDF: 9811.8/16

All: 5.422+/-0.143 χ^2/NDF: 18371.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 4.794+/-0.237 χ^2/NDF: 9496.9/15

Left Out: 1.492+/-0.602 χ^2/NDF:0.0/0

Right Out: 5.921+/-0.240 χ^2/NDF: 10059.4/18

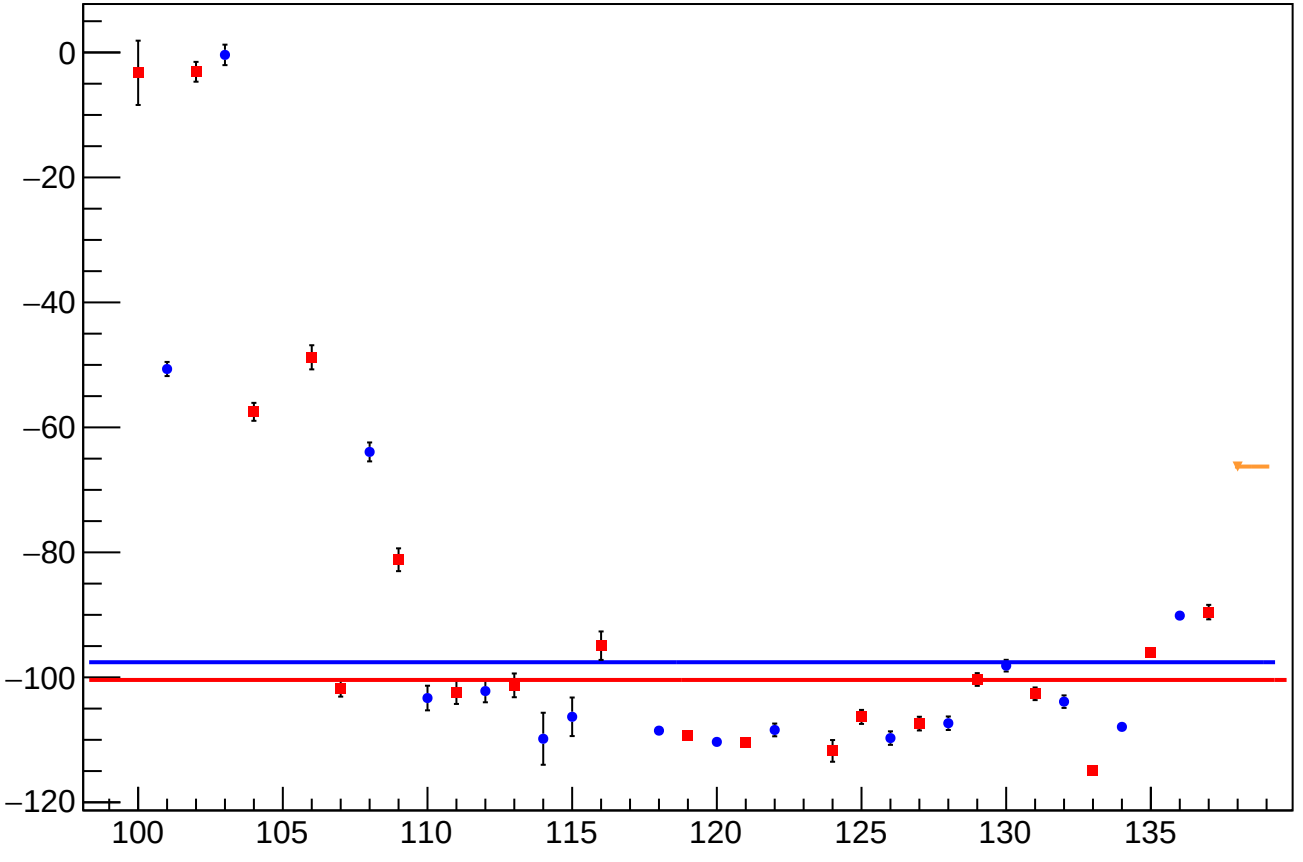
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.349+/-0.221 χ^2/NDF: 9522.9/16

All: 5.070+/-0.162 χ^2/NDF: 19605.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -97.581+/-0.242 χ^2/NDF: 7144.2/15

Left Out: -66.269+/-0.662 χ^2/NDF:0.0/0

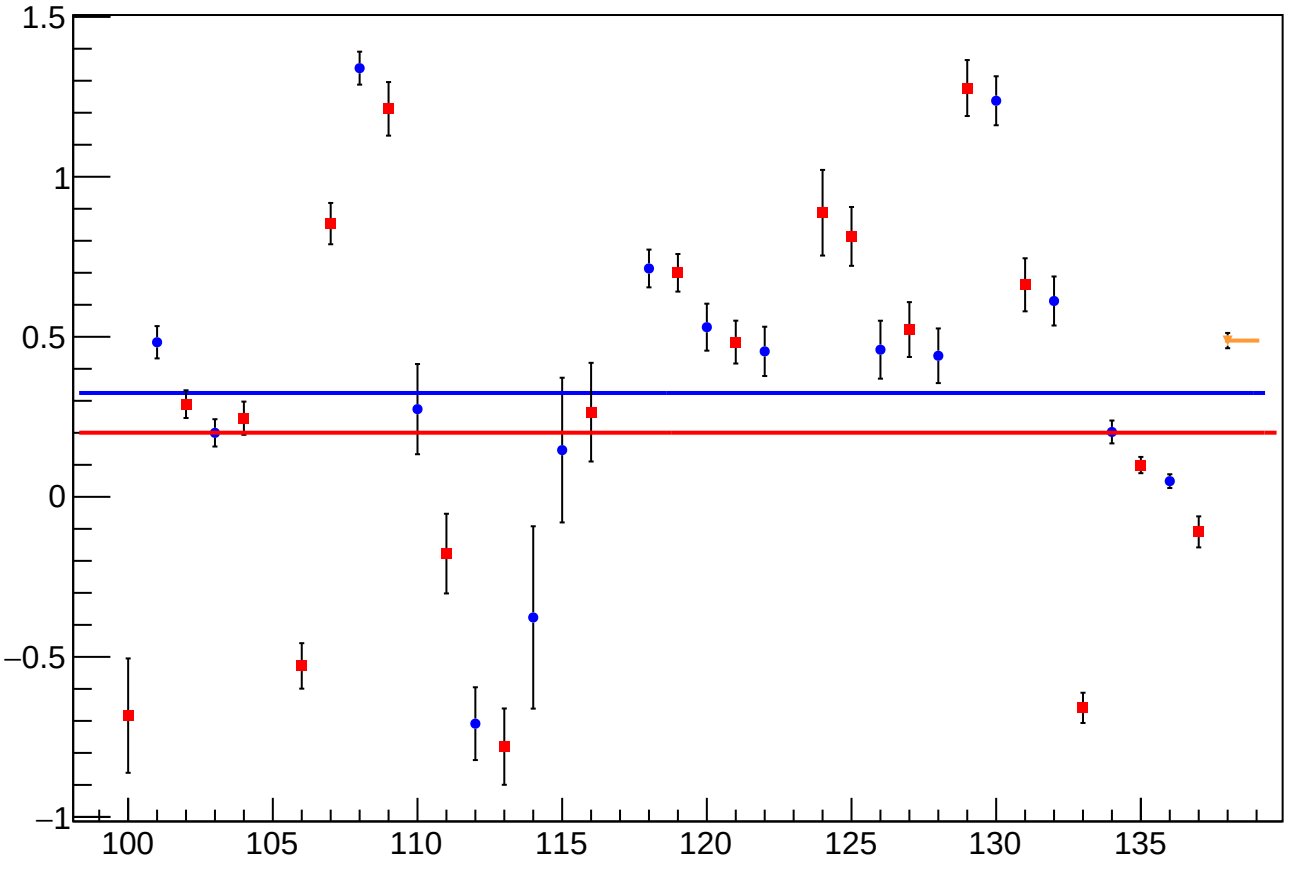
Right Out: -100.418+/-0.241 χ^2/NDF: 7115.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -93.895+/-0.227 χ^2/NDF: 9120.3/16

All: -96.962+/-0.165 χ^2/NDF: 16624.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.324+/-0.013 χ^2/NDF: 886.5/15

Left Out: 0.488+/-0.024 χ^2/NDF:0.0/0

Right Out: 0.200+/-0.014 χ^2/NDF: 1206.3/18

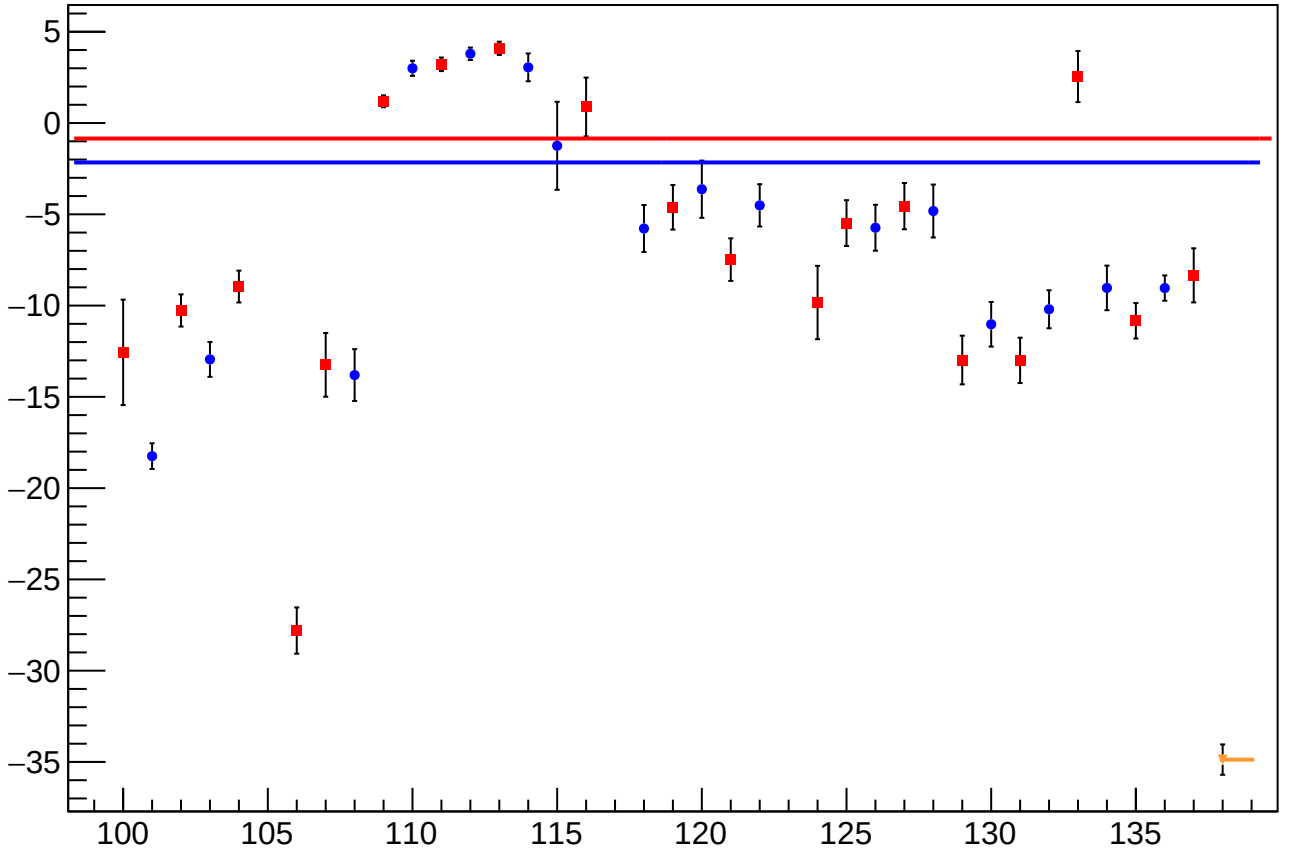
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.363+/-0.012 χ^2/NDF: 922.4/16

All: 0.296+/-0.009 χ^2/NDF: 2209.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -2.159+/-0.192 χ^2/NDF: 1491.0/15

Left Out: -34.872+/-0.832 χ^2/NDF:0.0/0

Right Out: -0.848+/-0.170 χ^2/NDF: 1465.4/18

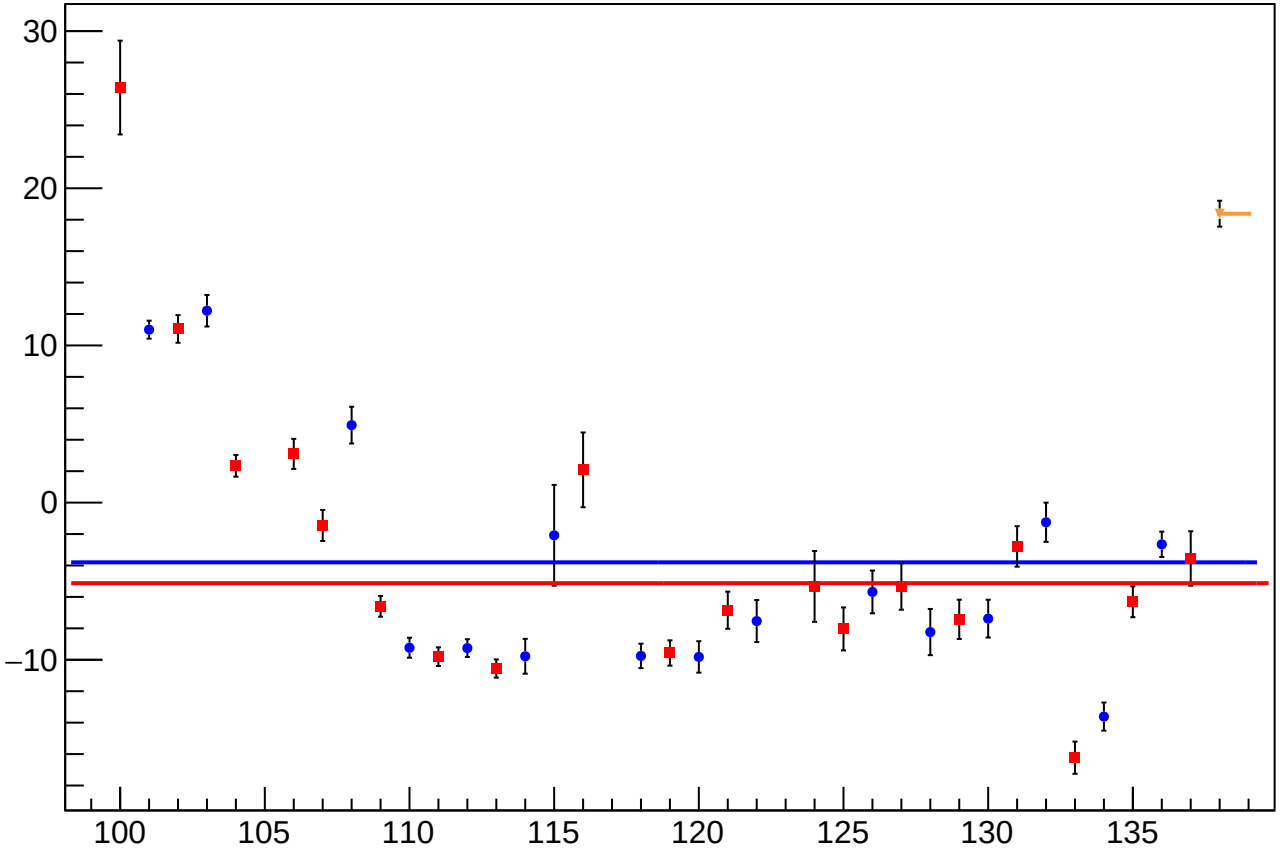
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -3.814+/-0.187 χ^2/NDF: 2959.5/16

All: -2.193+/-0.126 χ^2/NDF: 4562.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -3.800+/-0.226 χ^2/NDF: 1425.5/15

Left Out: 18.380+/-0.825 χ^2/NDF:0.0/0

Right Out: -5.126+/-0.219 χ^2/NDF: 980.6/18

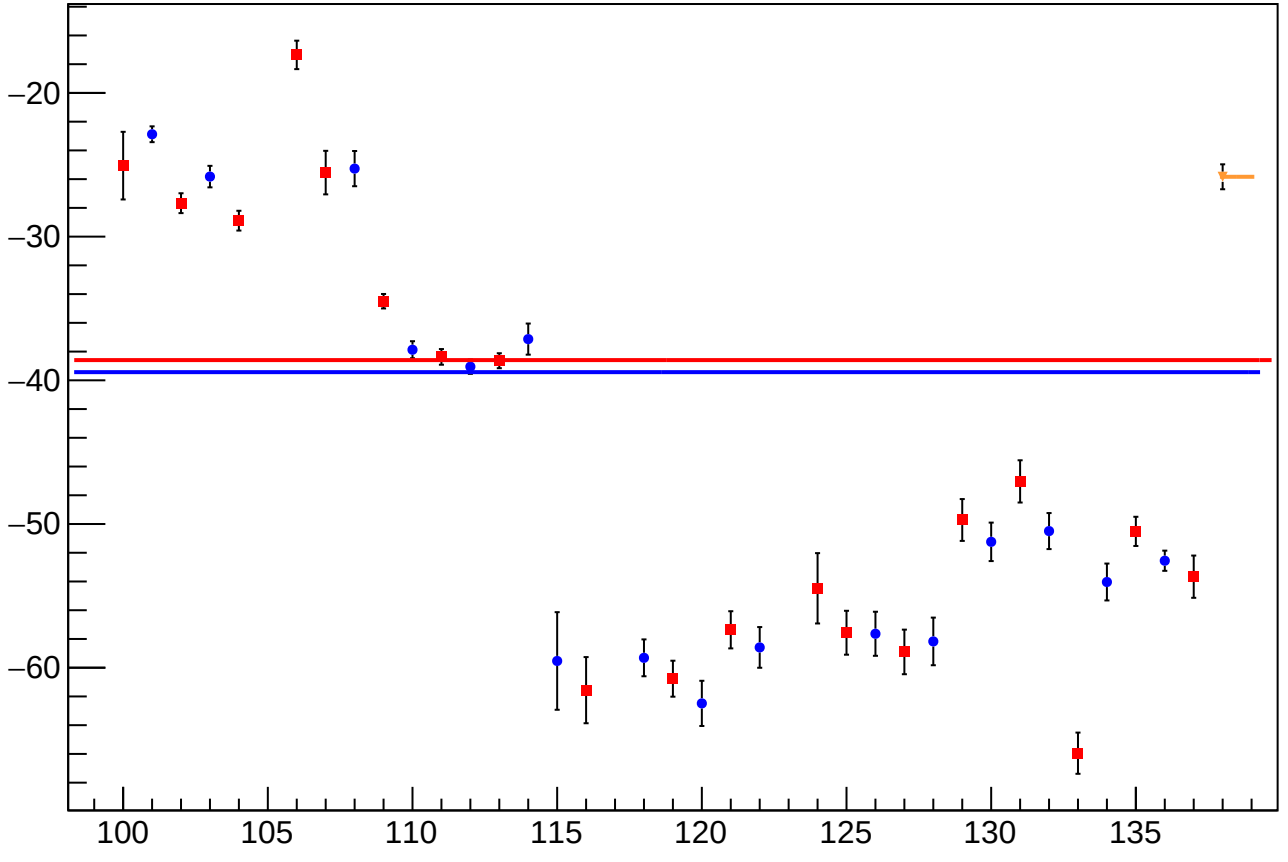
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.257+/-0.218 χ^2/NDF: 2097.6/16

All: -3.685+/-0.154 χ^2/NDF: 3164.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -39.431+/-0.225 χ^2/NDF: 2958.1/15

Left Out: -25.836+/-0.868 χ^2/NDF:0.0/0

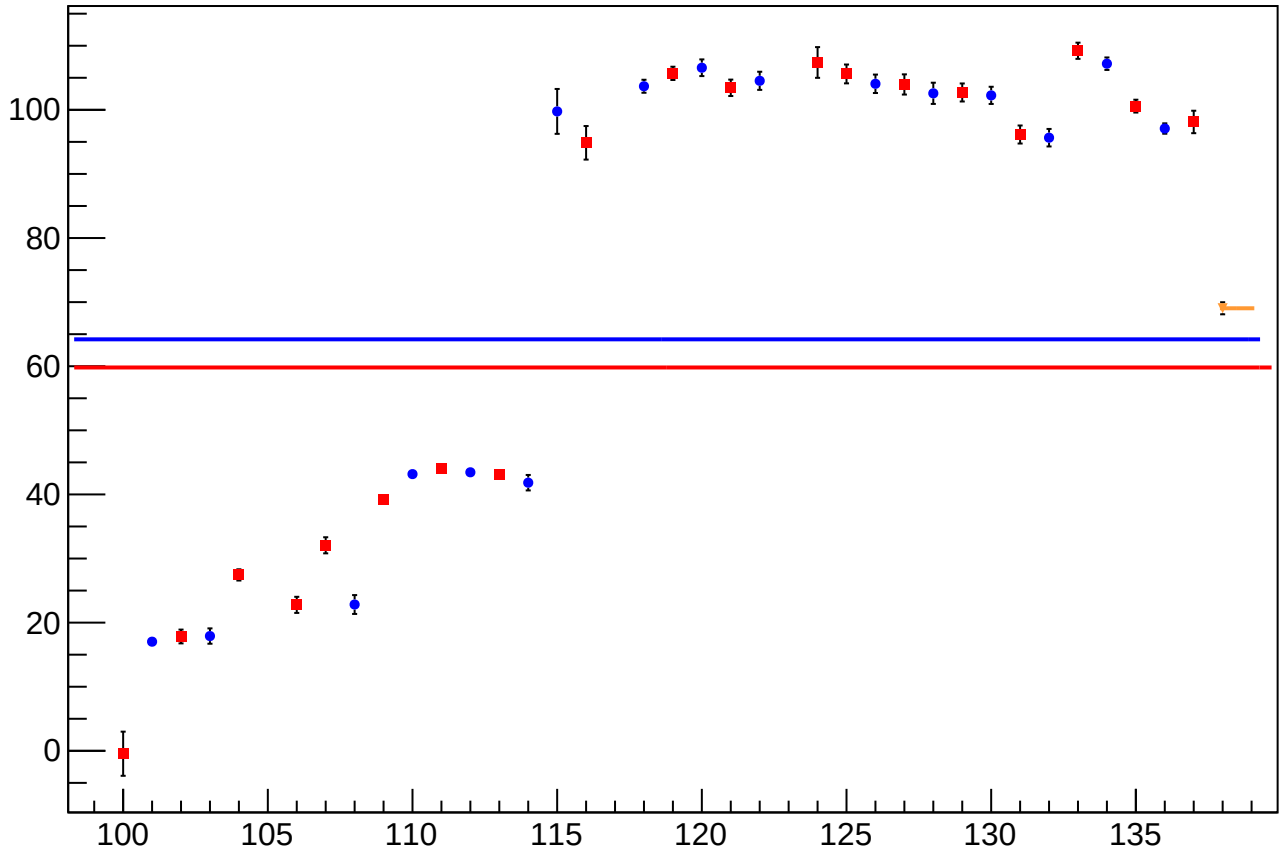
Right Out: -38.593+/-0.213 χ^2/NDF: 2772.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -38.572+/-0.218 χ^2/NDF: 3188.0/16

All: -38.582+/-0.152 χ^2/NDF: 5960.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 64.196+/-0.258 χ^2/NDF: 18596.4/15

Left Out: 69.041+/-0.943 χ^2/NDF:0.0/0

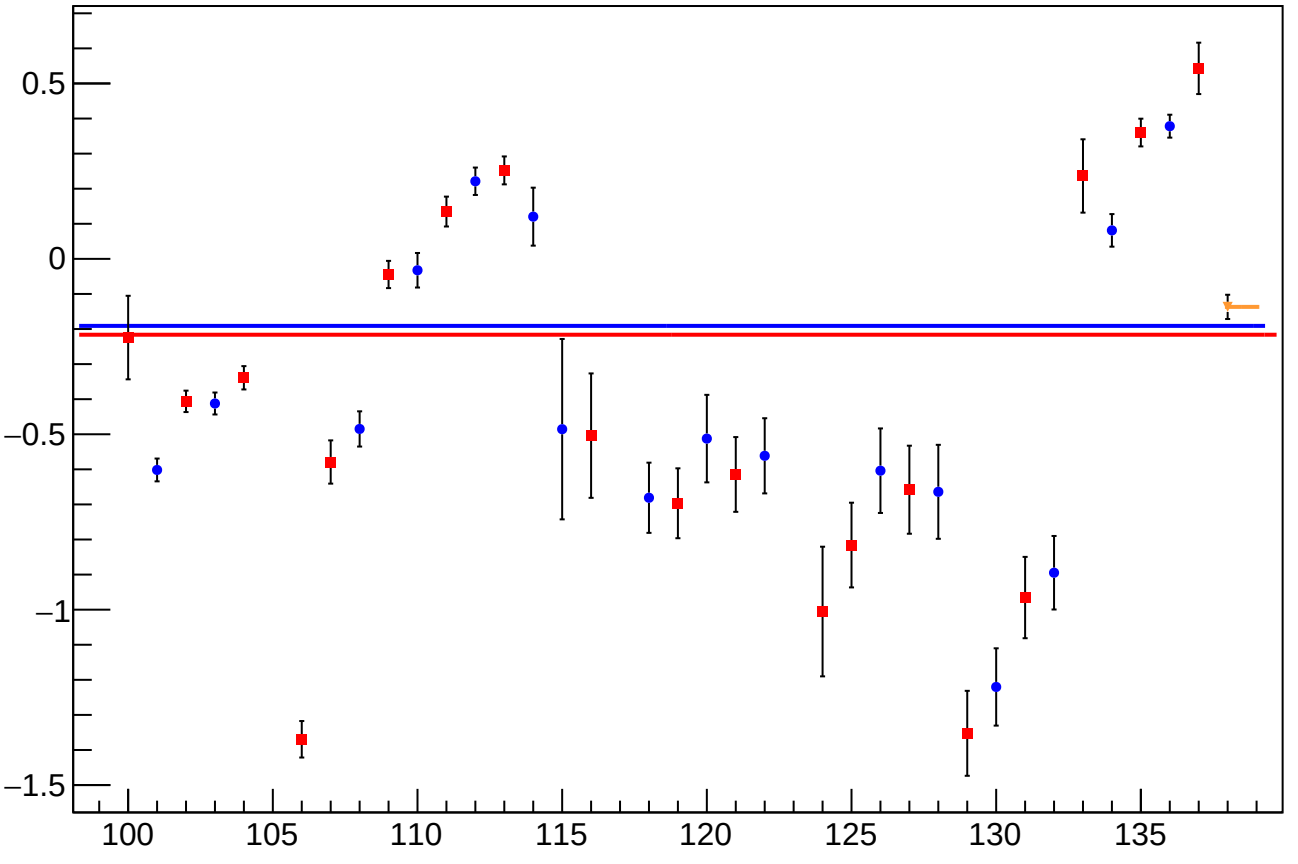
Right Out: 59.805+/-0.249 χ^2/NDF: 17431.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 64.532+/-0.248 χ^2/NDF: 18621.0/16

All: 62.172+/-0.176 χ^2/NDF: 36233.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.191+/-0.013 χ^2/NDF: 918.3/15

Left Out: -0.137+/-0.035 χ^2/NDF:0.0/0

Right Out: -0.216+/-0.013 χ^2/NDF: 1368.1/18

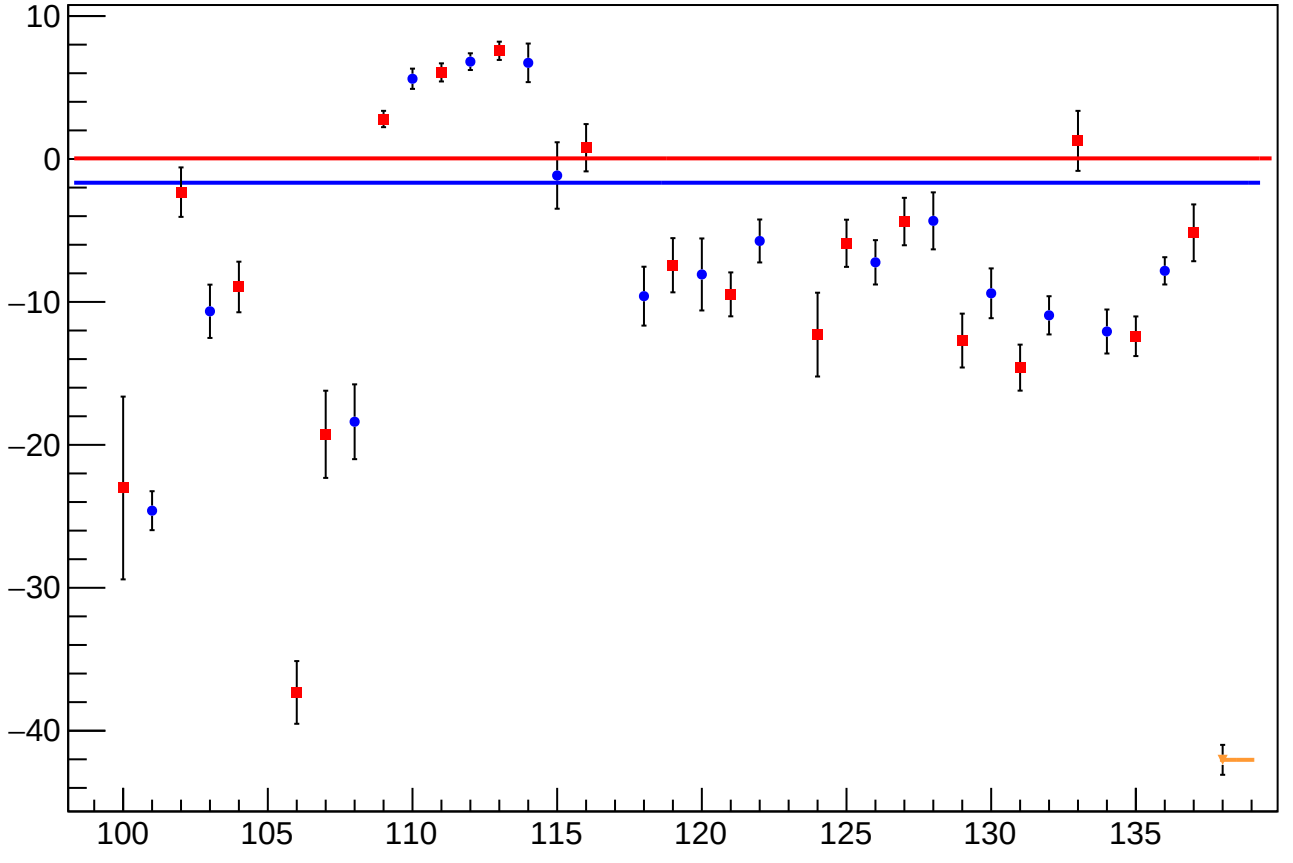
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.184+/-0.013 χ^2/NDF: 920.5/16

All: -0.200+/-0.009 χ^2/NDF: 2291.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -1.661+/-0.308 χ^2/NDF: 900.3/15

Left Out: -42.036+/-1.047 χ^2/NDF:0.0/0

Right Out: 0.042+/-0.282 χ^2/NDF: 931.1/18

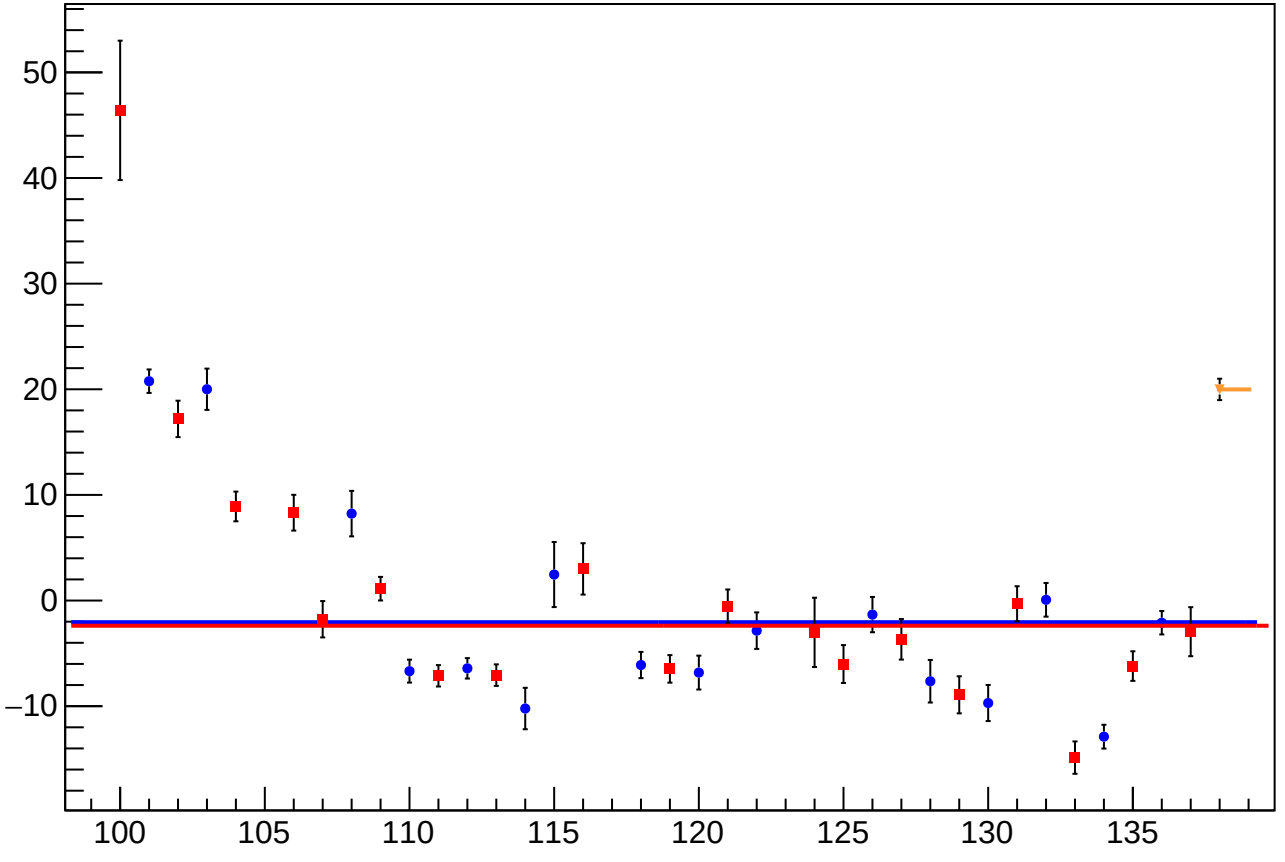
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.877+/-0.296 χ^2/NDF: 2268.7/16

All: -2.301+/-0.204 χ^2/NDF: 3344.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: -2.050+/-0.356 χ^2/NDF: 771.9/15

Left Out: 19.987+/-1.012 χ^2/NDF:0.0/0

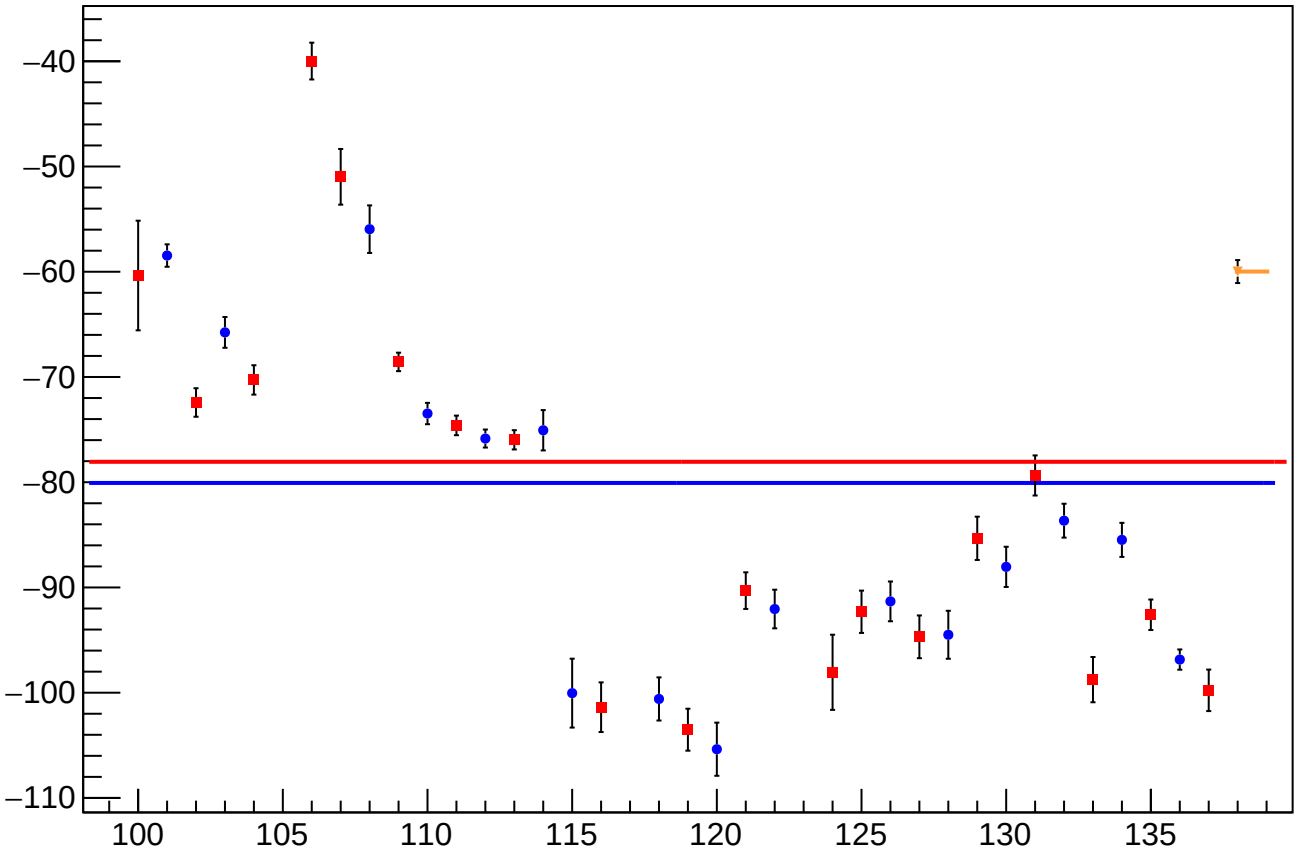
Right Out: -2.386+/-0.355 χ^2/NDF: 450.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.378+/-0.336 χ^2/NDF: 1193.8/16

All: -0.927+/-0.244 χ^2/NDF: 1676.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -80.069+/-0.364 χ^2/NDF: 1387.2/15

Left Out: -59.983+/-1.092 χ^2/NDF:0.0/0

Right Out: -78.059+/-0.354 χ^2/NDF: 1561.2/18

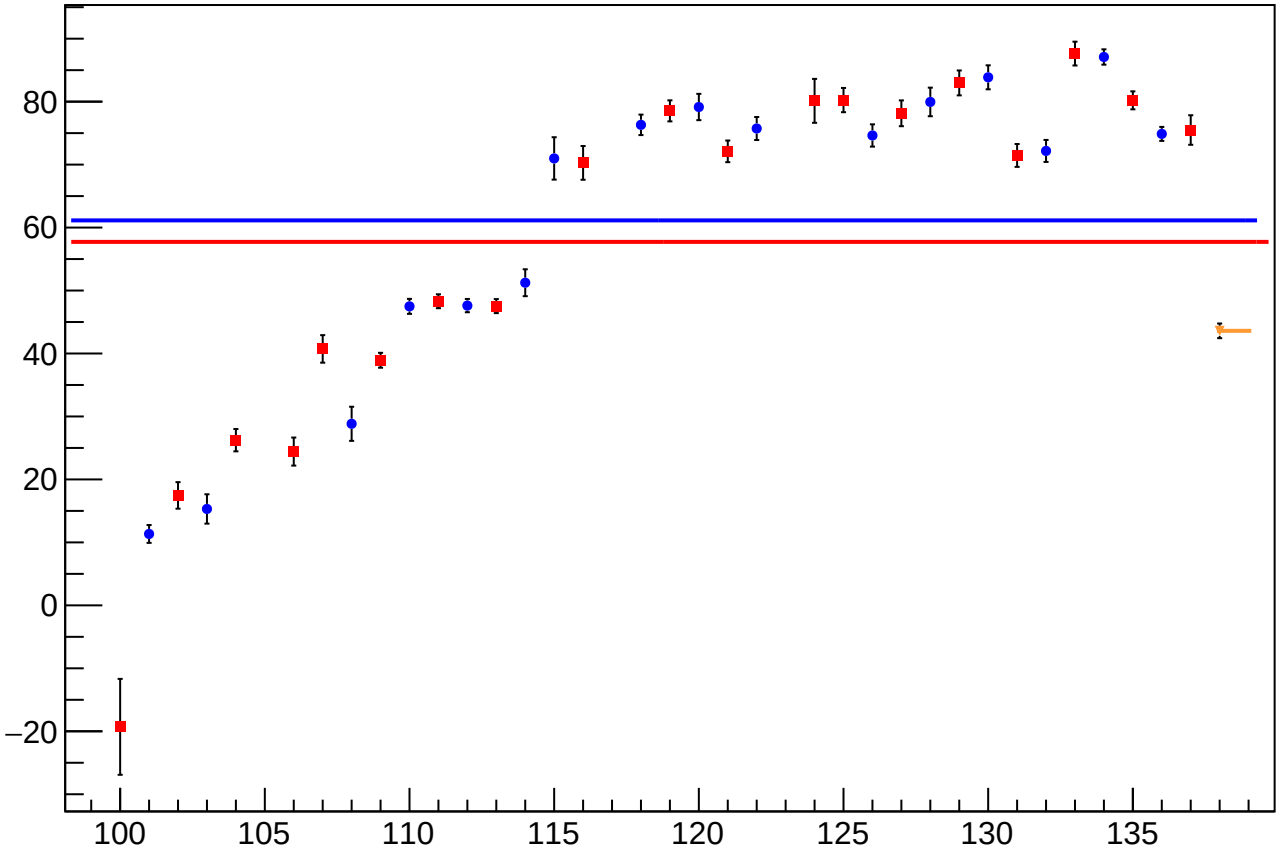
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -78.057+/-0.346 χ^2/NDF: 1691.6/16

All: -78.058+/-0.247 χ^2/NDF: 3252.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 61.139+/-0.401 χ^2/NDF: 3229.3/15

Left Out: 43.600+/-1.164 χ^2/NDF:0.0/0

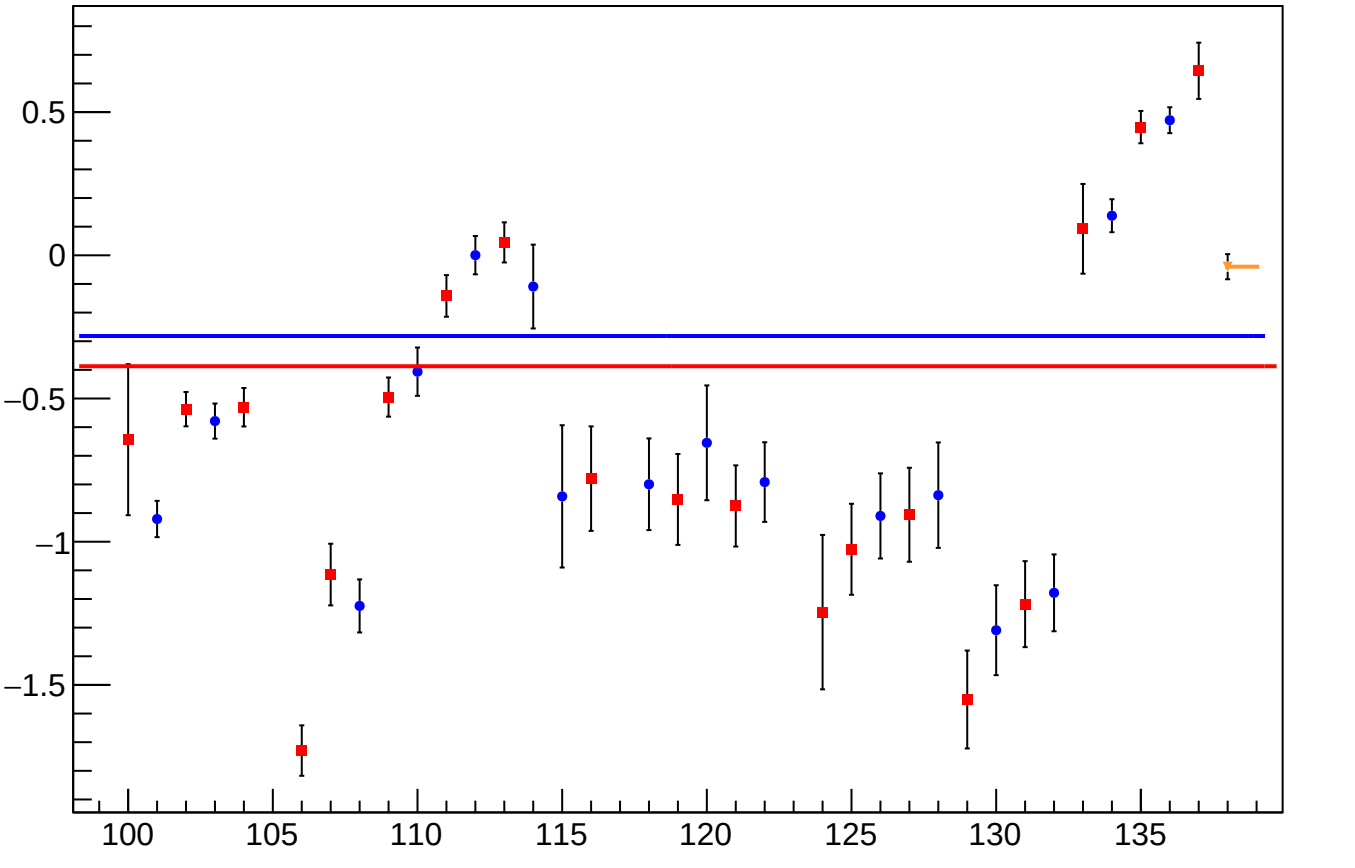
Right Out: 57.728+/-0.400 χ^2/NDF: 2775.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 59.283+/-0.379 χ^2/NDF: 3432.2/16

All: 58.548+/-0.275 χ^2/NDF: 6215.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.282+/-0.022 χ^2/NDF: 728.2/15

Left Out: -0.040+/-0.044 χ^2/NDF:0.0/0

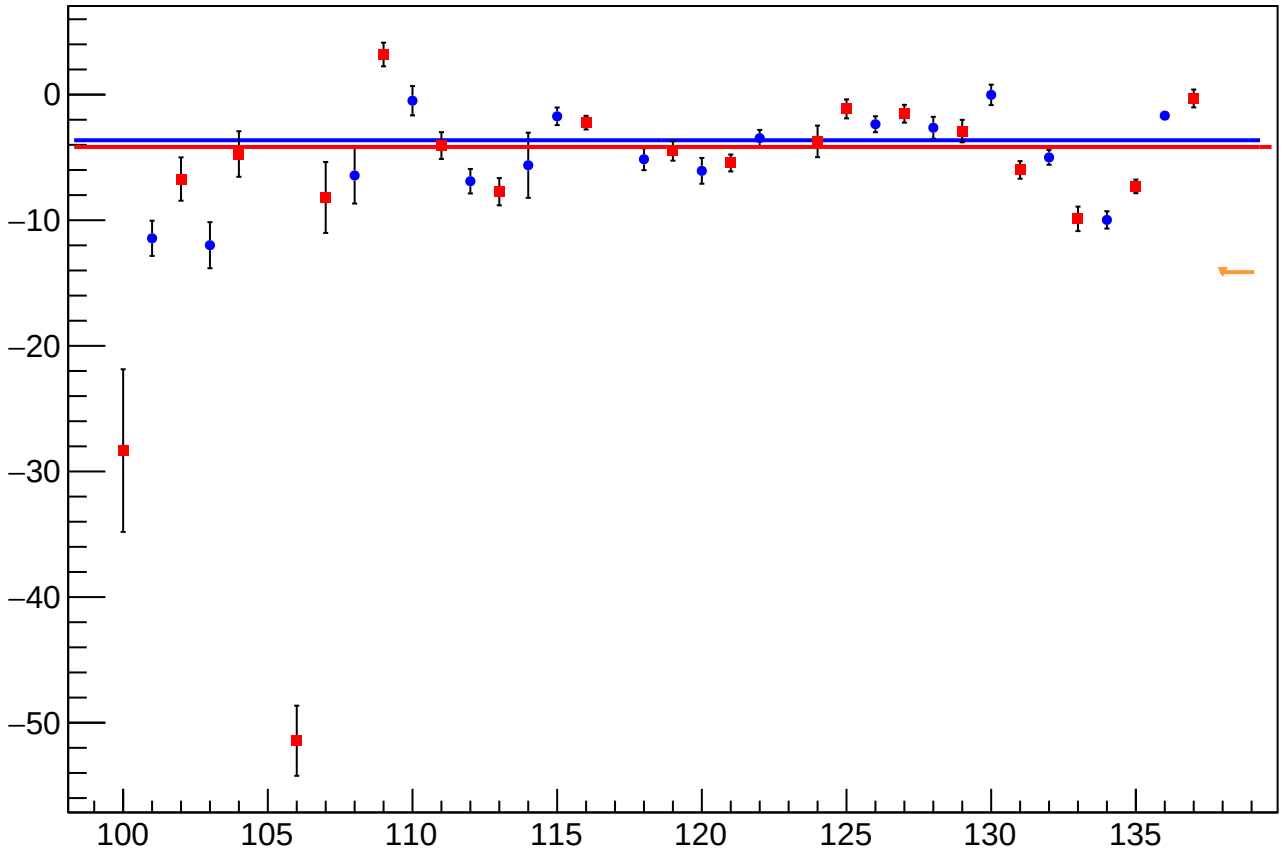
Right Out: -0.387+/-0.022 χ^2/NDF: 818.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.234+/-0.019 χ^2/NDF: 752.7/16

All: -0.302+/-0.015 χ^2/NDF: 1598.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3.634+/-0.189 χ^2/NDF: 234.8/15

Left Out: -14.129+/-0.355 χ^2/NDF:0.0/0

Right Out: -4.167+/-0.199 χ^2/NDF: 529.7/18

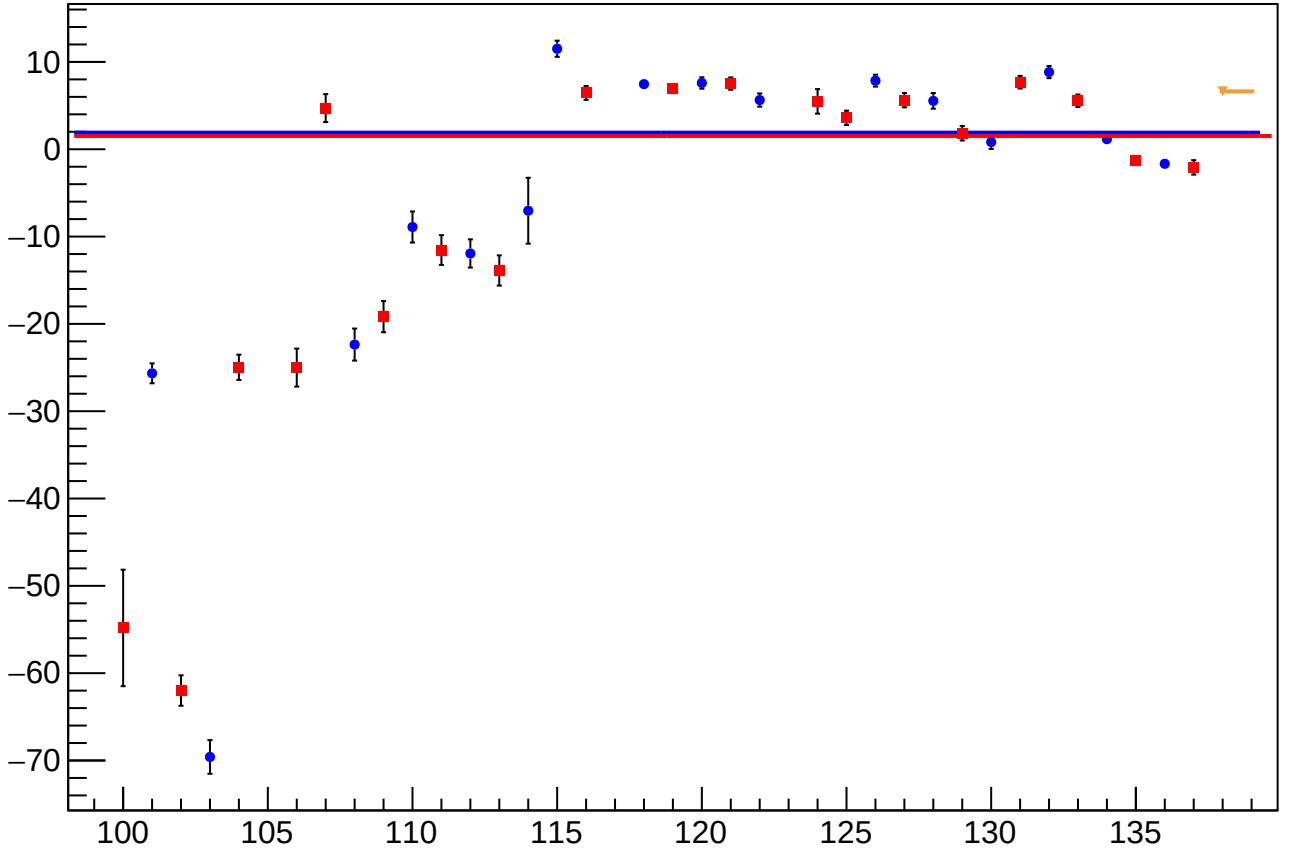
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.957+/-0.167 χ^2/NDF: 917.2/16

All: -5.220+/-0.128 χ^2/NDF: 1494.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.898+/-0.189 χ^2/NDF: 2838.2/15

Left Out: 6.628+/-0.339 χ^2/NDF:0.0/0

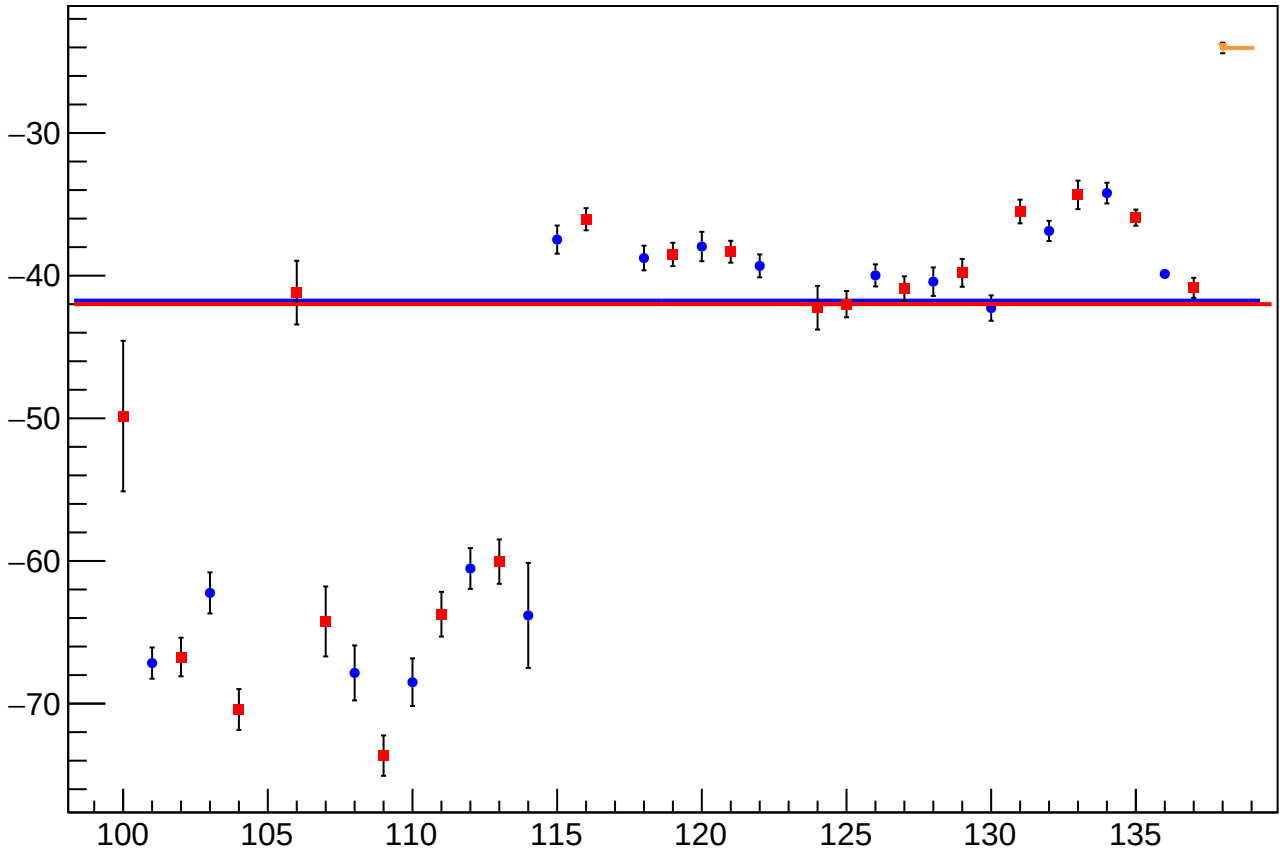
Right Out: 1.525+/-0.208 χ^2/NDF: 2559.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.020+/-0.165 χ^2/NDF: 2986.7/16

All: 2.443+/-0.129 χ^2/NDF: 5578.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -41.751+/-0.208 χ^2/NDF: 1633.9/15

Left Out: -24.037+/-0.370 χ^2/NDF:0.0/0

Right Out: -41.999+/-0.228 χ^2/NDF: 1985.2/18

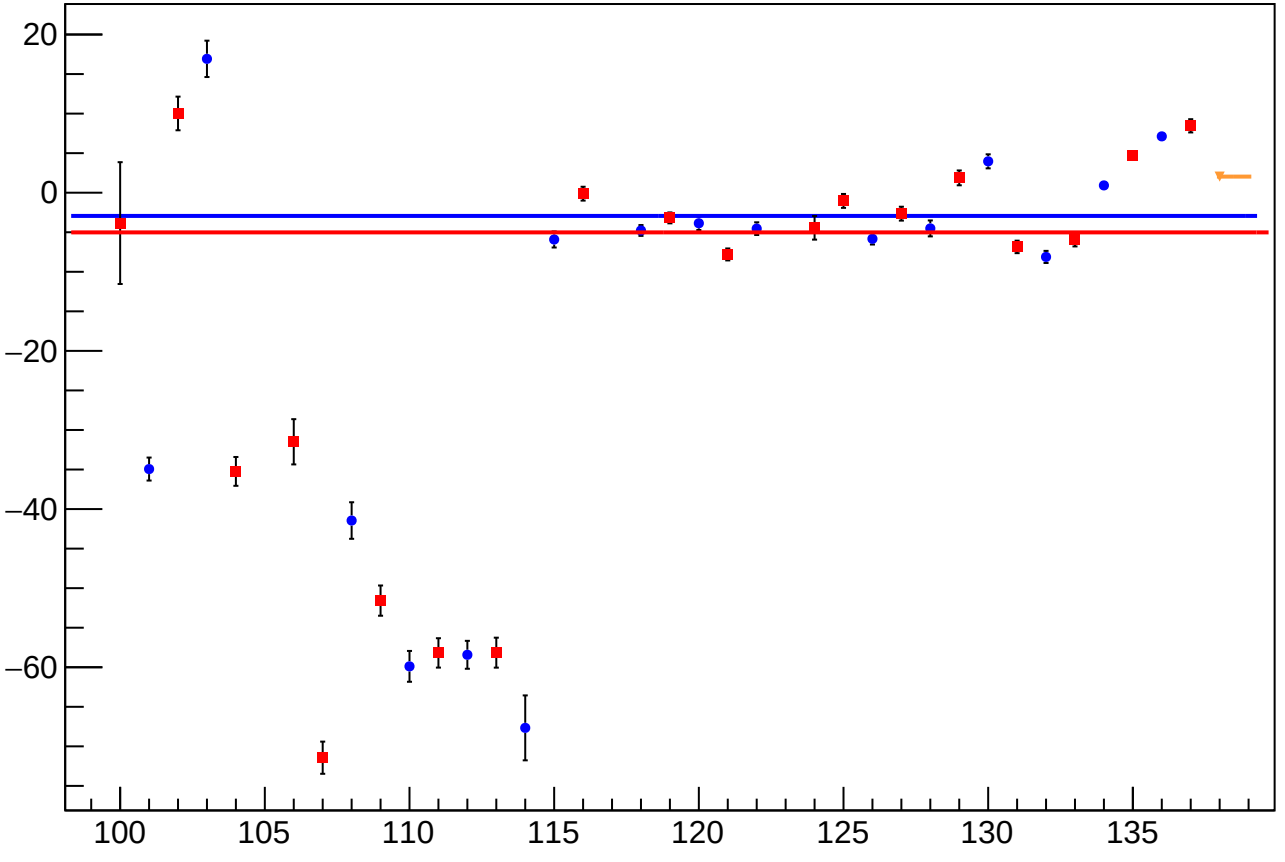
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -37.504+/-0.181 χ^2/NDF: 3378.9/16

All: -39.240+/-0.142 χ^2/NDF: 5602.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -2.936+/-0.210 χ^2/NDF: 3725.6/15

Left Out: 2.035+/-0.391 χ^2/NDF:0.0/0

Right Out: -5.018+/-0.232 χ^2/NDF: 4377.3/18

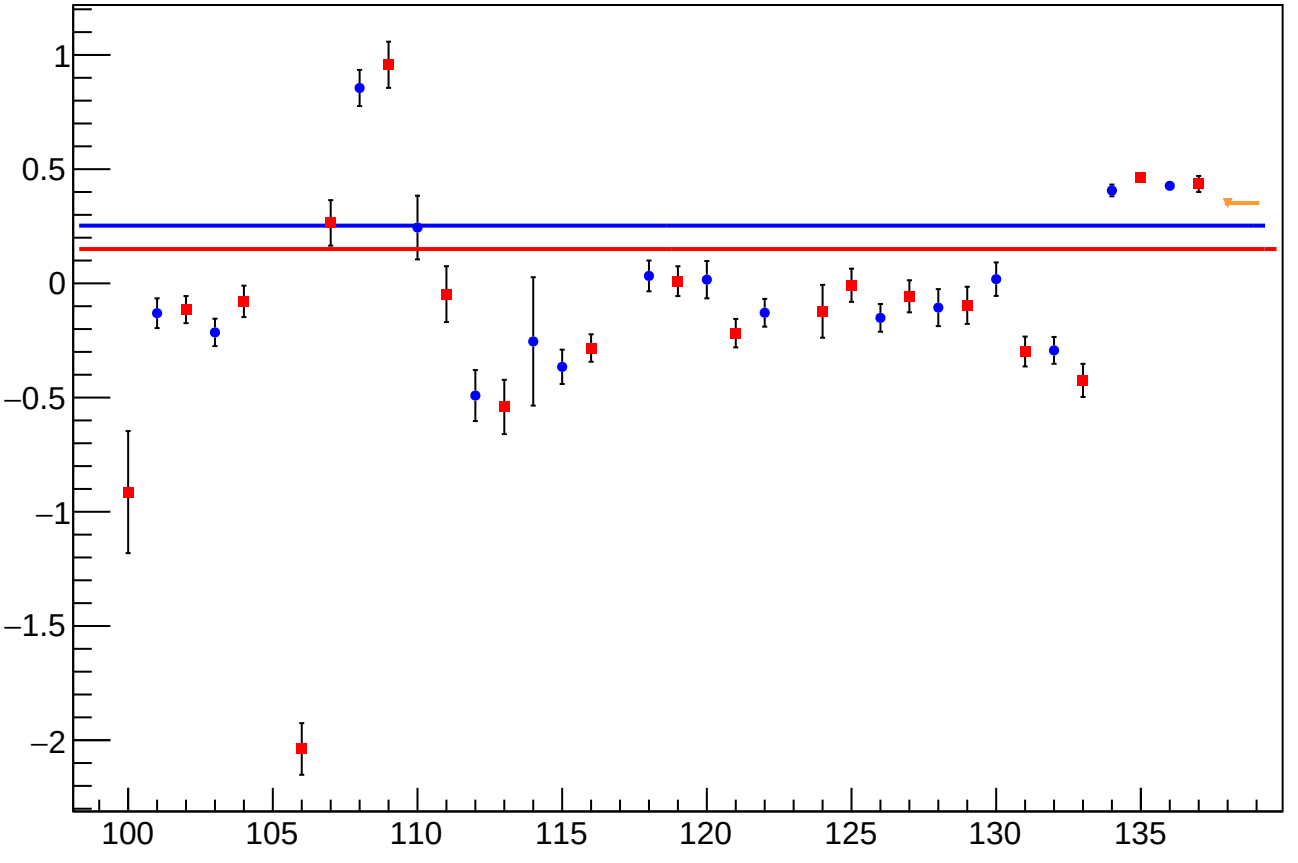
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.826+/-0.185 χ^2/NDF: 3851.1/16

All: -3.066+/-0.144 χ^2/NDF: 8344.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.253+/-0.011 χ^2/NDF: 631.0/15

Left Out: 0.352+/-0.015 χ^2/NDF:0.0/0

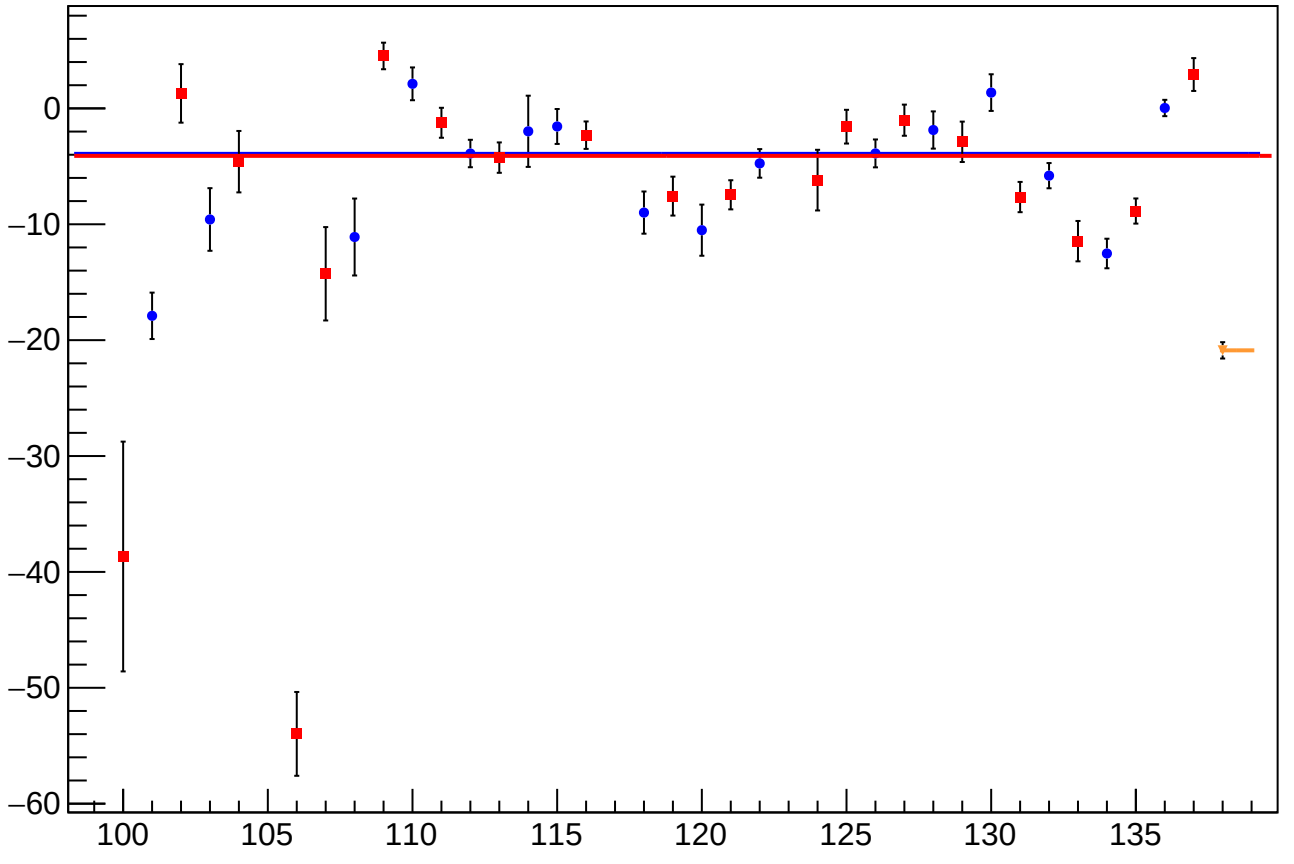
Right Out: 0.150+/-0.013 χ^2/NDF: 1018.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.290+/-0.009 χ^2/NDF: 658.6/16

All: 0.245+/-0.008 χ^2/NDF: 1750.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3.924+/-0.346 χ^2/NDF: 188.8/15

Left Out: -20.879+/-0.706 χ^2/NDF:0.0/0

Right Out: -4.096+/-0.357 χ^2/NDF: 366.9/18

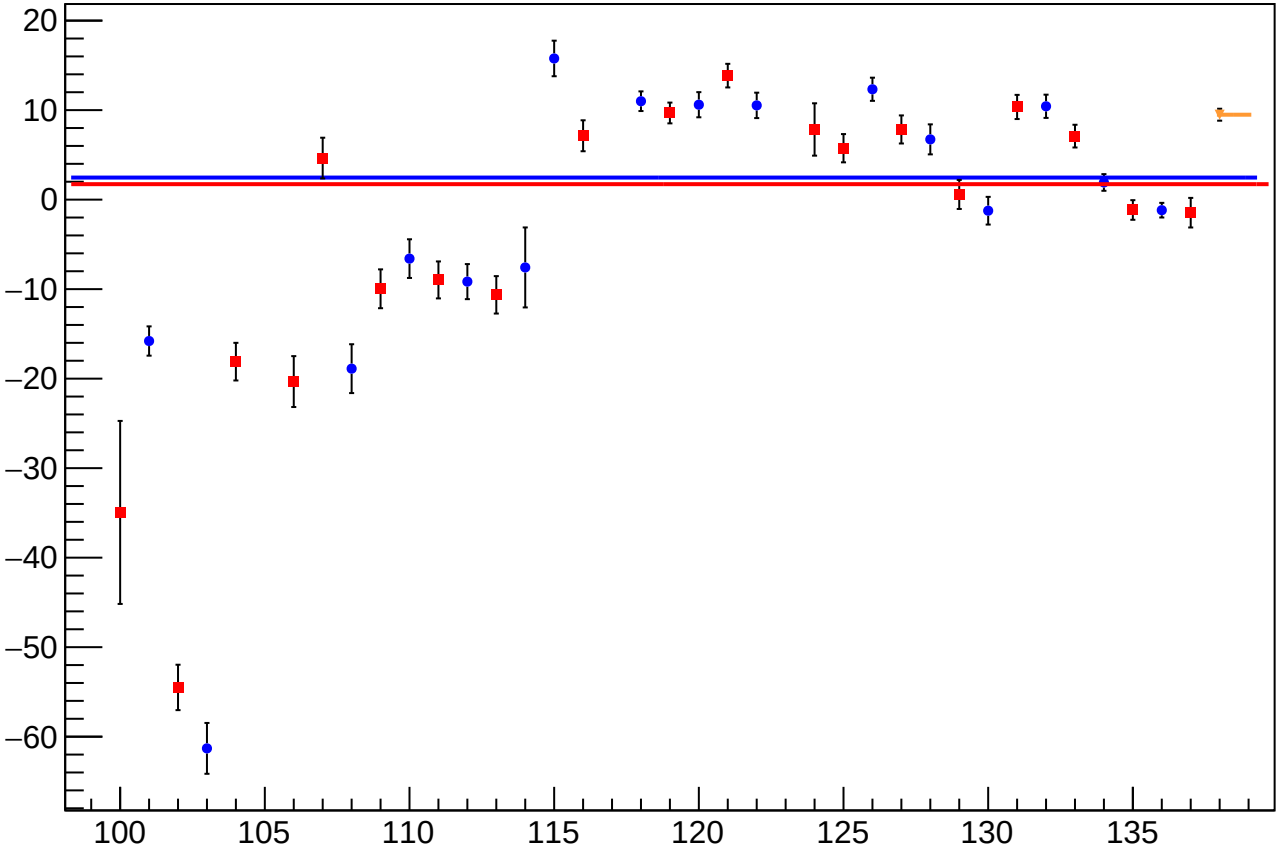
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.209+/-0.311 χ^2/NDF: 654.1/16

All: -5.867+/-0.234 χ^2/NDF: 1064.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 2.465+/-0.357 χ^2/NDF: 1046.7/15

Left Out: 9.487+/-0.668 χ^2/NDF:0.0/0

Right Out: 1.728+/-0.386 χ^2/NDF: 983.1/18

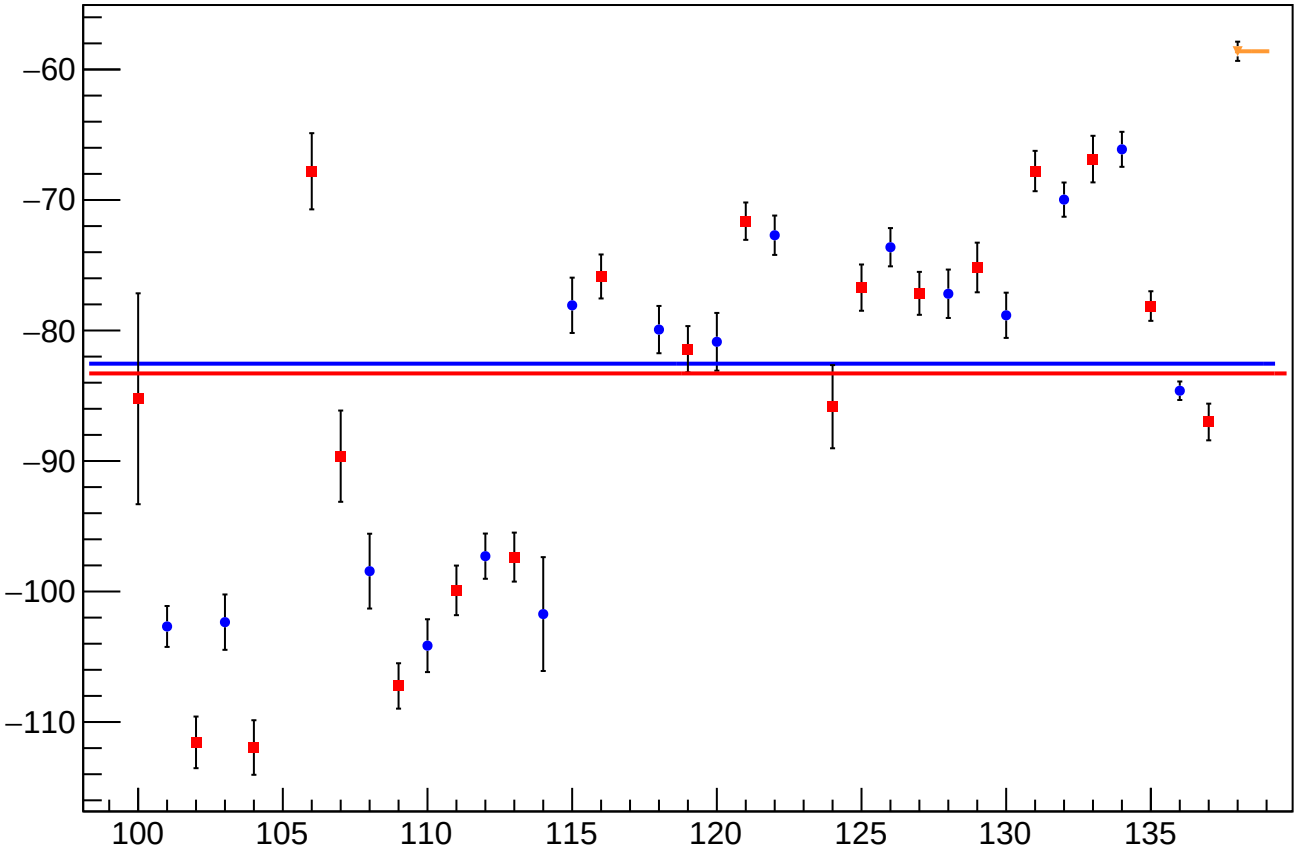
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.024+/-0.315 χ^2/NDF: 1132.7/16

All: 3.107+/-0.244 χ^2/NDF: 2137.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -82.542+/-0.384 χ^2/NDF: 838.8/15

Left Out: -58.605+/-0.736 χ^2/NDF:0.0/0

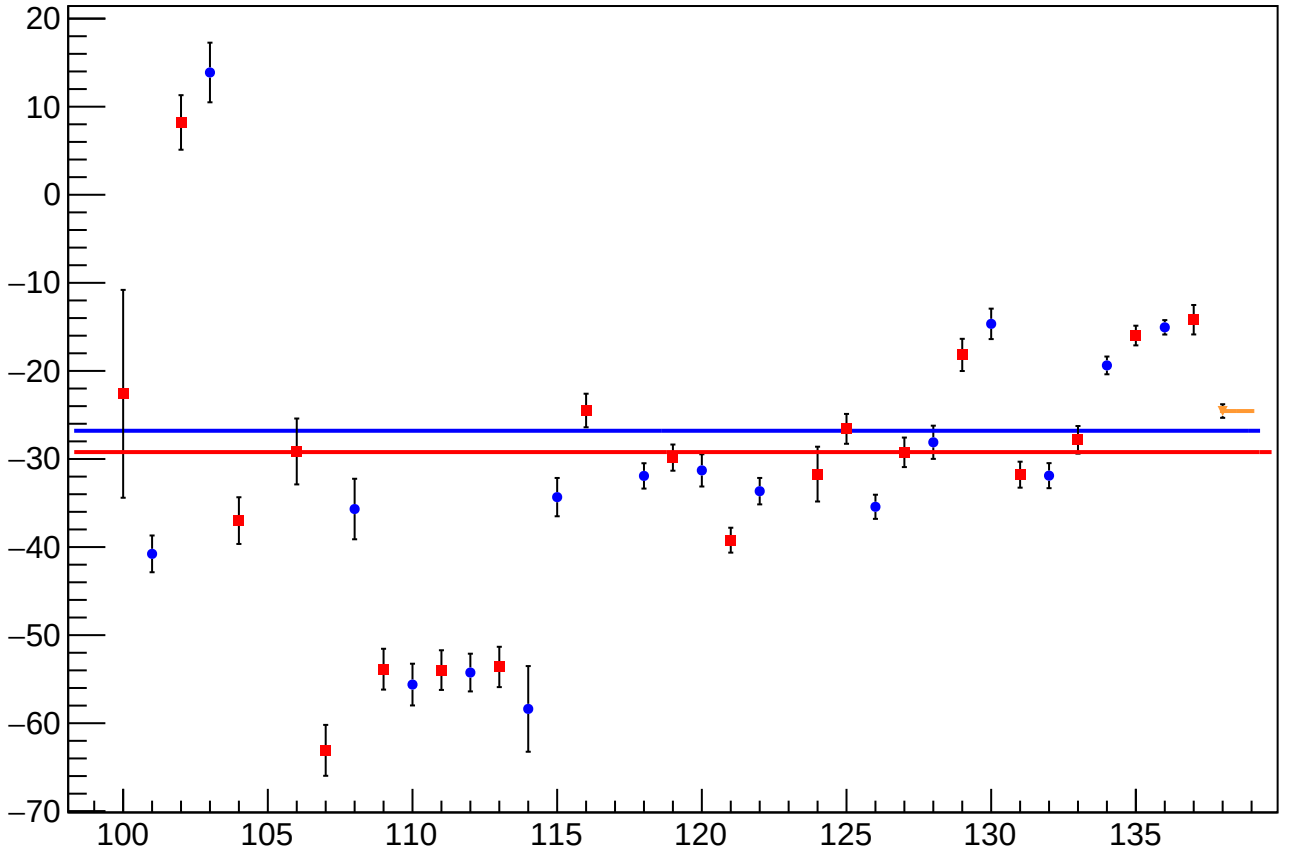
Right Out: -83.290+/-0.414 χ^2/NDF: 1092.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -77.415+/-0.341 χ^2/NDF: 1669.8/16

All: -79.785+/-0.263 χ^2/NDF: 2882.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -26.796+/-0.396 χ^2/NDF: 963.5/15

Left Out: -24.556+/-0.773 χ^2/NDF:0.0/0

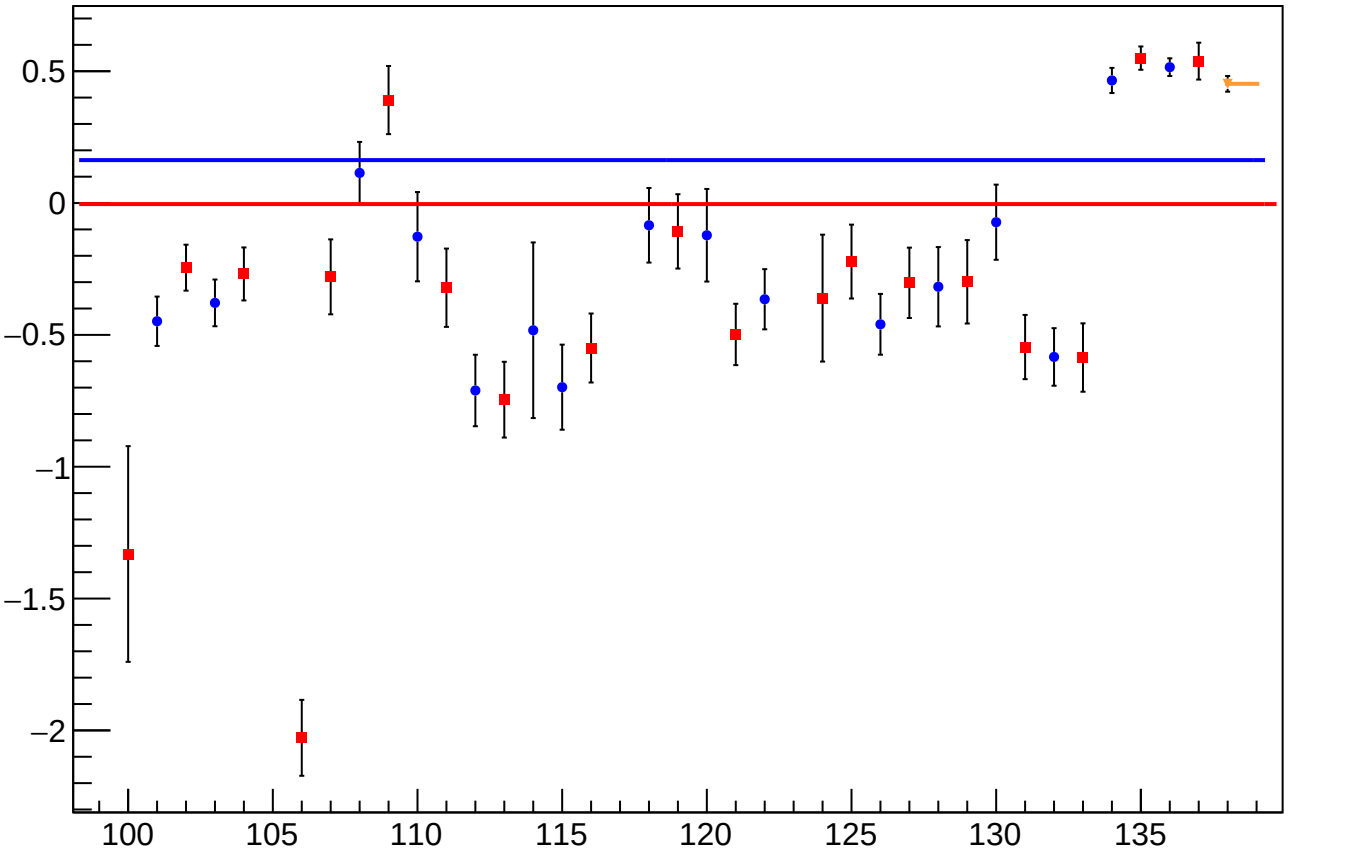
Right Out: -29.216+/-0.431 χ^2/NDF: 960.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -26.331+/-0.352 χ^2/NDF: 970.1/16

All: -27.485+/-0.273 χ^2/NDF: 1957.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.163+/-0.021 χ^2/NDF: 422.6/15

Left Out: 0.452+/-0.030 χ^2/NDF:0.0/0

Right Out: -0.004+/-0.024 χ^2/NDF: 573.3/18

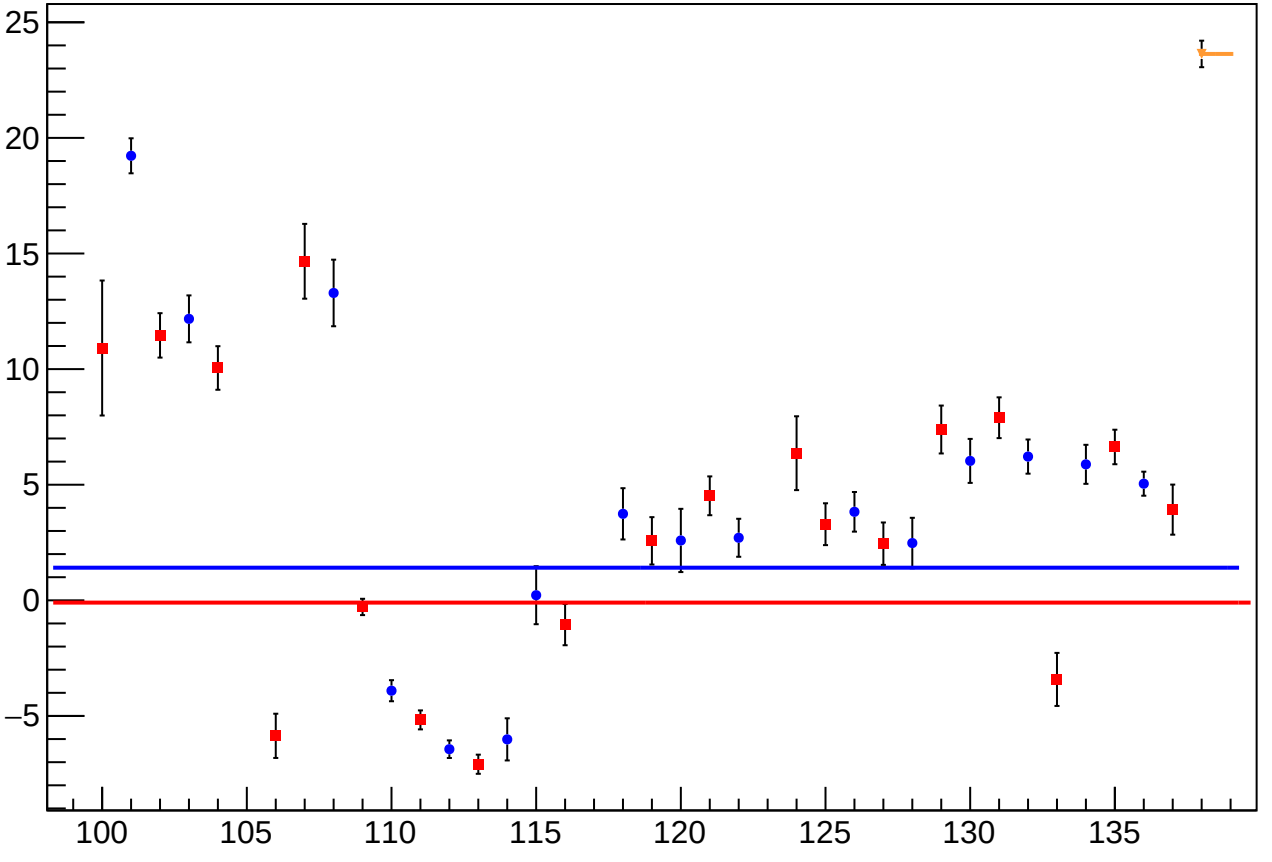
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.261+/-0.017 χ^2/NDF: 484.8/16

All: 0.172+/-0.014 χ^2/NDF: 1136.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.412+/-0.183 χ^2/NDF: 1522.1/15

Left Out: 23.631+/-0.574 χ^2/NDF:0.0/0

Right Out: -0.098+/-0.167 χ^2/NDF: 1147.2/18

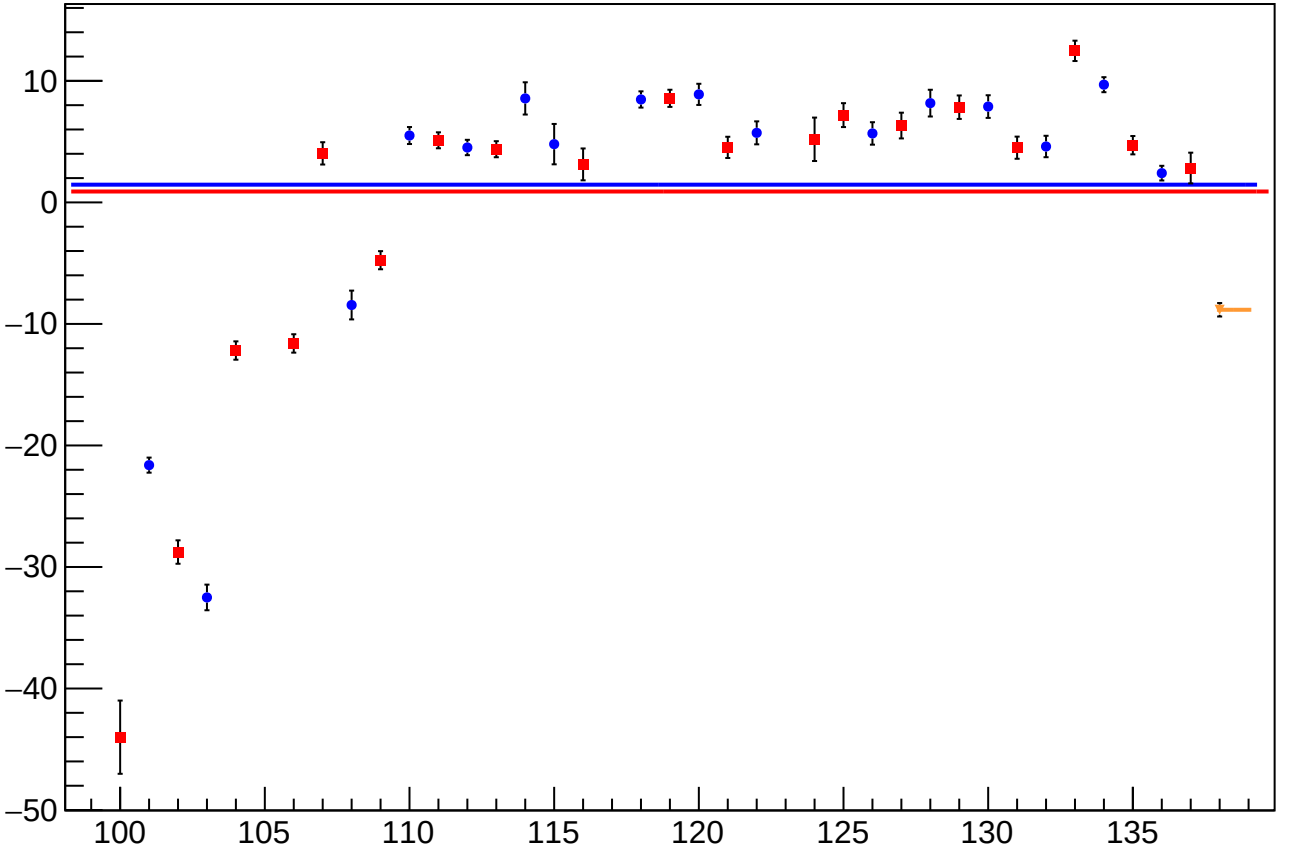
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.466+/-0.174 χ^2/NDF: 2883.5/16

All: 1.611+/-0.121 χ^2/NDF: 4248.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 1.459+/-0.203 χ^2/NDF: 3080.3/15

Left Out: -8.835+/-0.555 χ^2/NDF:0.0/0

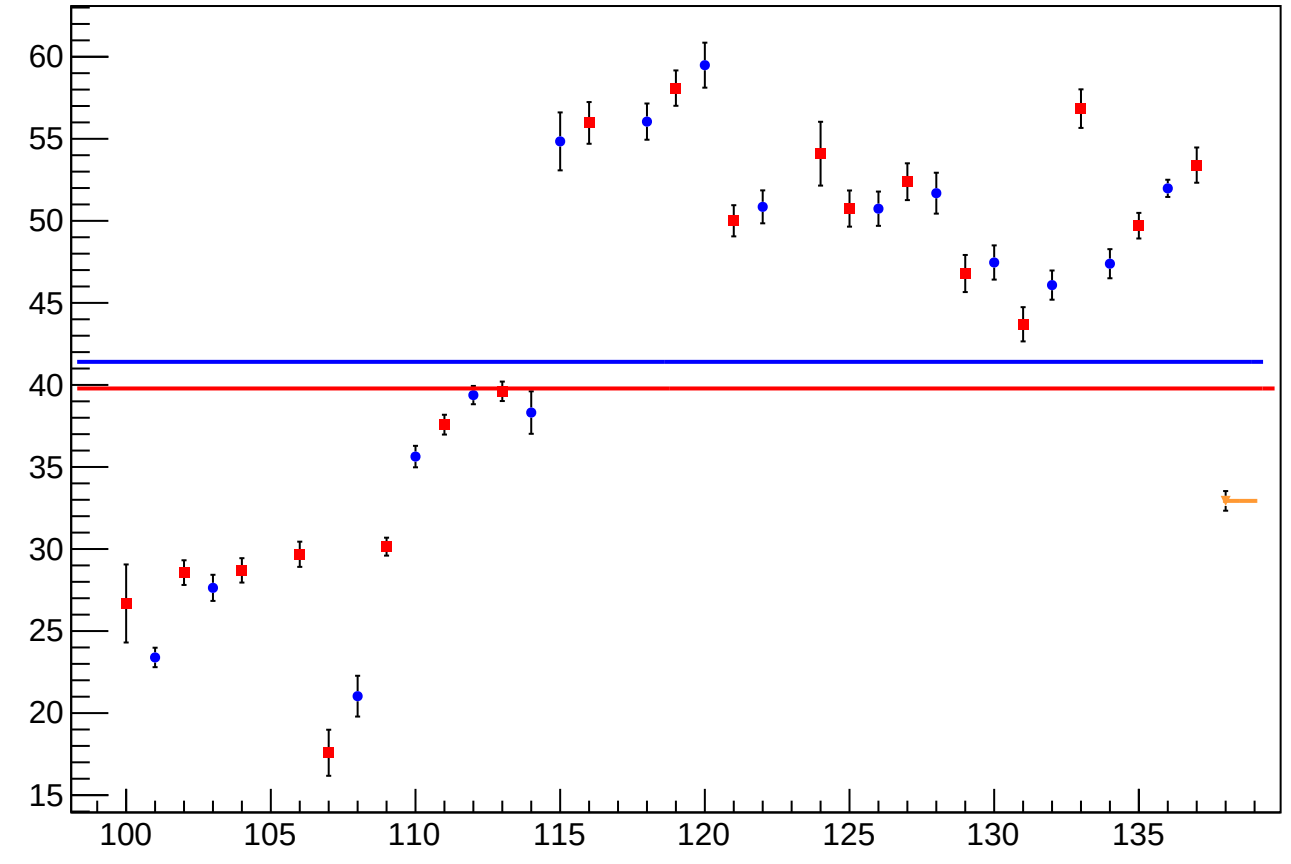
Right Out: 0.896+/-0.202 χ^2/NDF: 2377.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.239+/-0.191 χ^2/NDF: 3383.8/16

All: 0.549+/-0.139 χ^2/NDF: 5766.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 41.407+/-0.211 χ^2/NDF: 2746.0/15

Left Out: 32.933+/-0.598 χ^2/NDF:0.0/0

Right Out: 39.784+/-0.203 χ^2/NDF: 2653.8/18

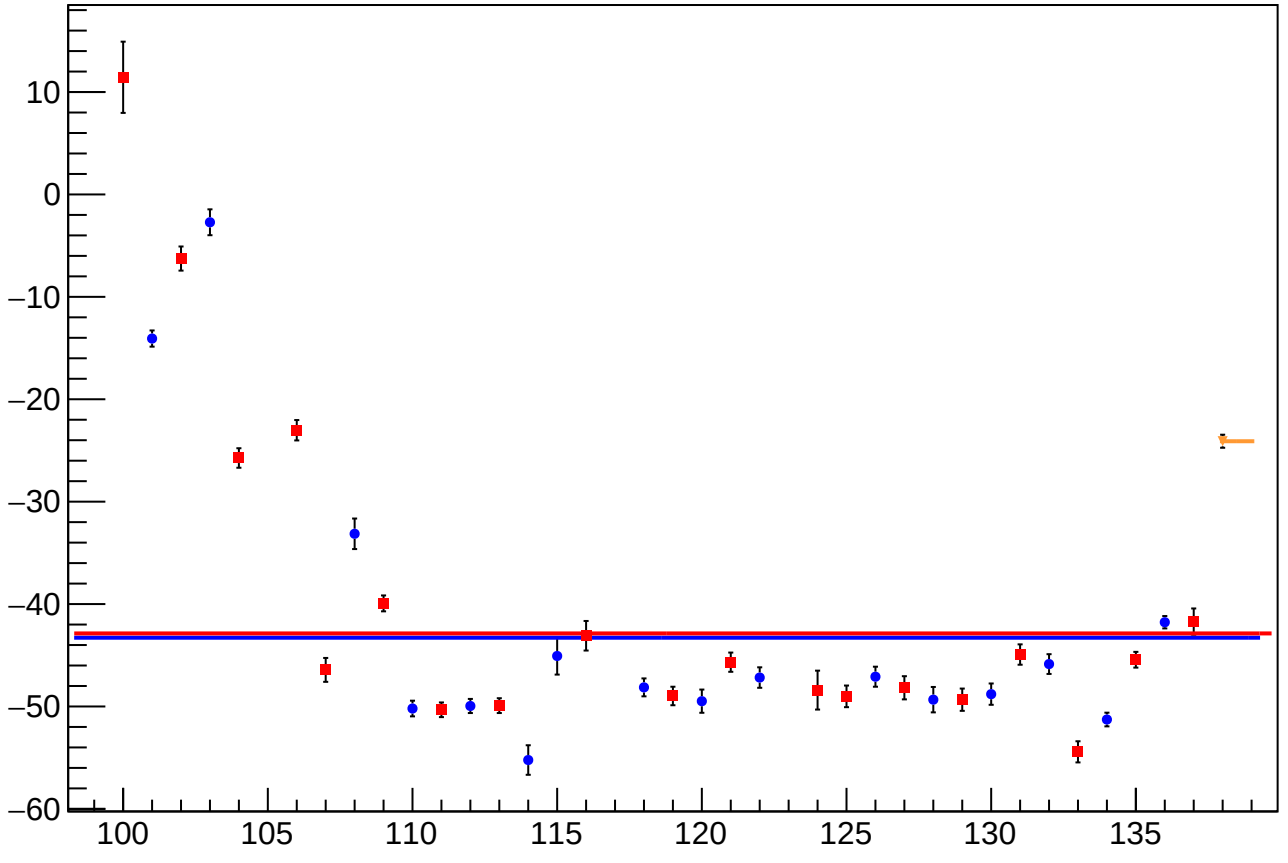
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 40.473+/-0.199 χ^2/NDF: 2924.5/16

All: 40.136+/-0.142 χ^2/NDF: 5584.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -43.285+/-0.229 χ^2/NDF: 2985.2/15

Left Out: -24.100+/-0.638 χ^2/NDF:0.0/0

Right Out: -42.867+/-0.229 χ^2/NDF: 2454.2/18

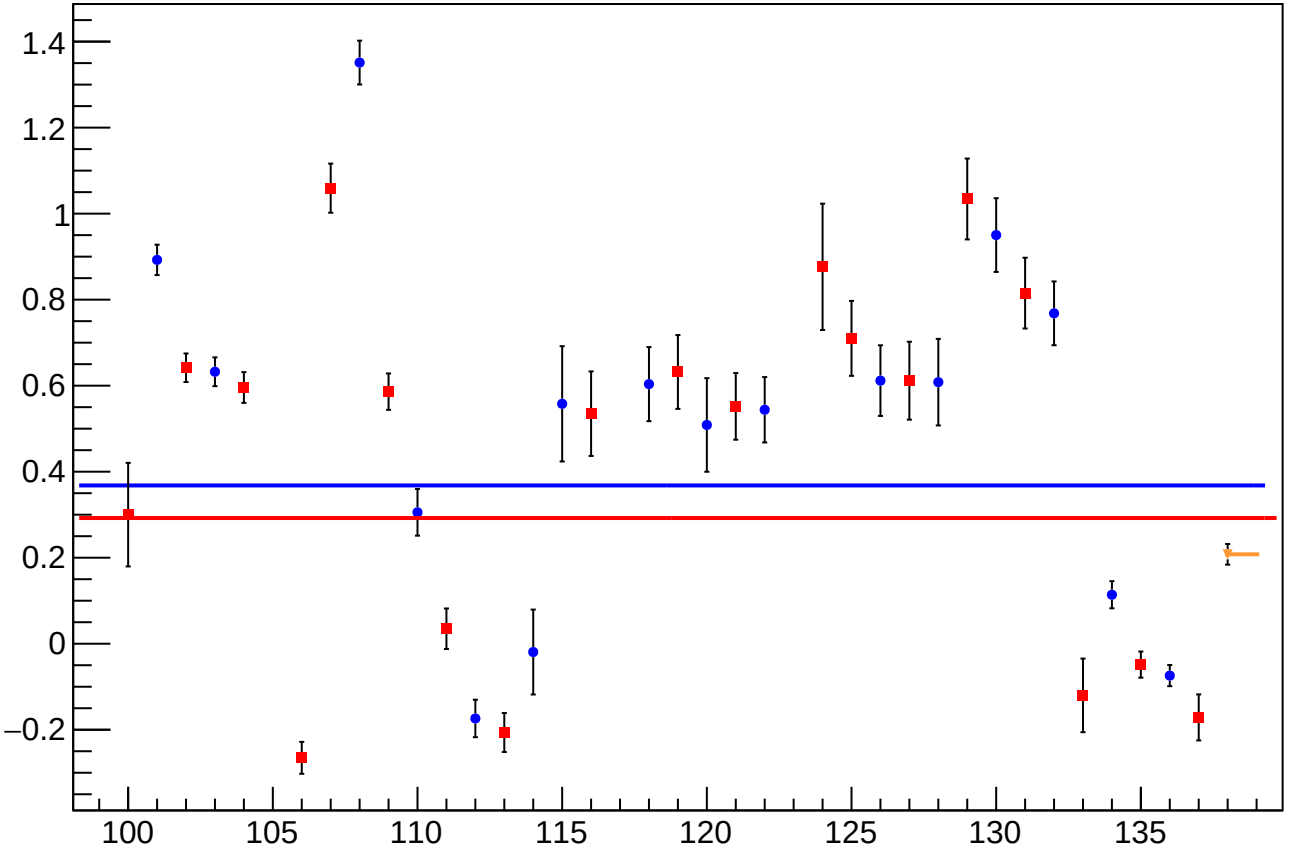
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -41.091+/-0.216 χ^2/NDF: 3785.7/16

All: -41.926+/-0.157 χ^2/NDF: 6271.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.368+/-0.012 χ^2/NDF: 1320.9/15

Left Out: 0.208+/-0.024 χ^2/NDF:0.0/0

Right Out: 0.292+/-0.012 χ^2/NDF: 1199.2/18

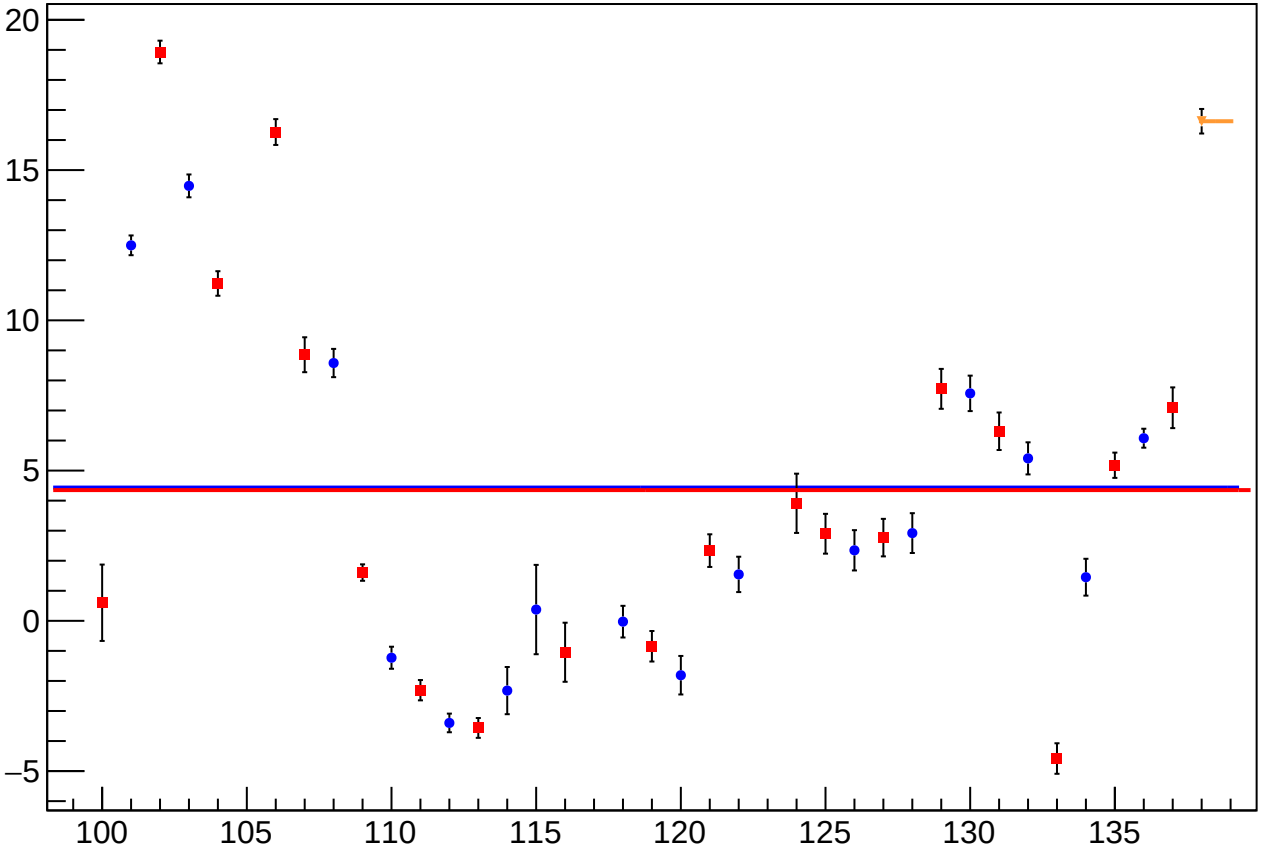
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.335+/-0.011 χ^2/NDF: 1356.2/16

All: 0.316+/-0.008 χ^2/NDF: 2562.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 4.435+/-0.117 χ^2/NDF: 2622.0/15

Left Out: 16.626+/-0.409 χ^2/NDF:0.0/0

Right Out: 4.351+/-0.109 χ^2/NDF: 4205.3/18

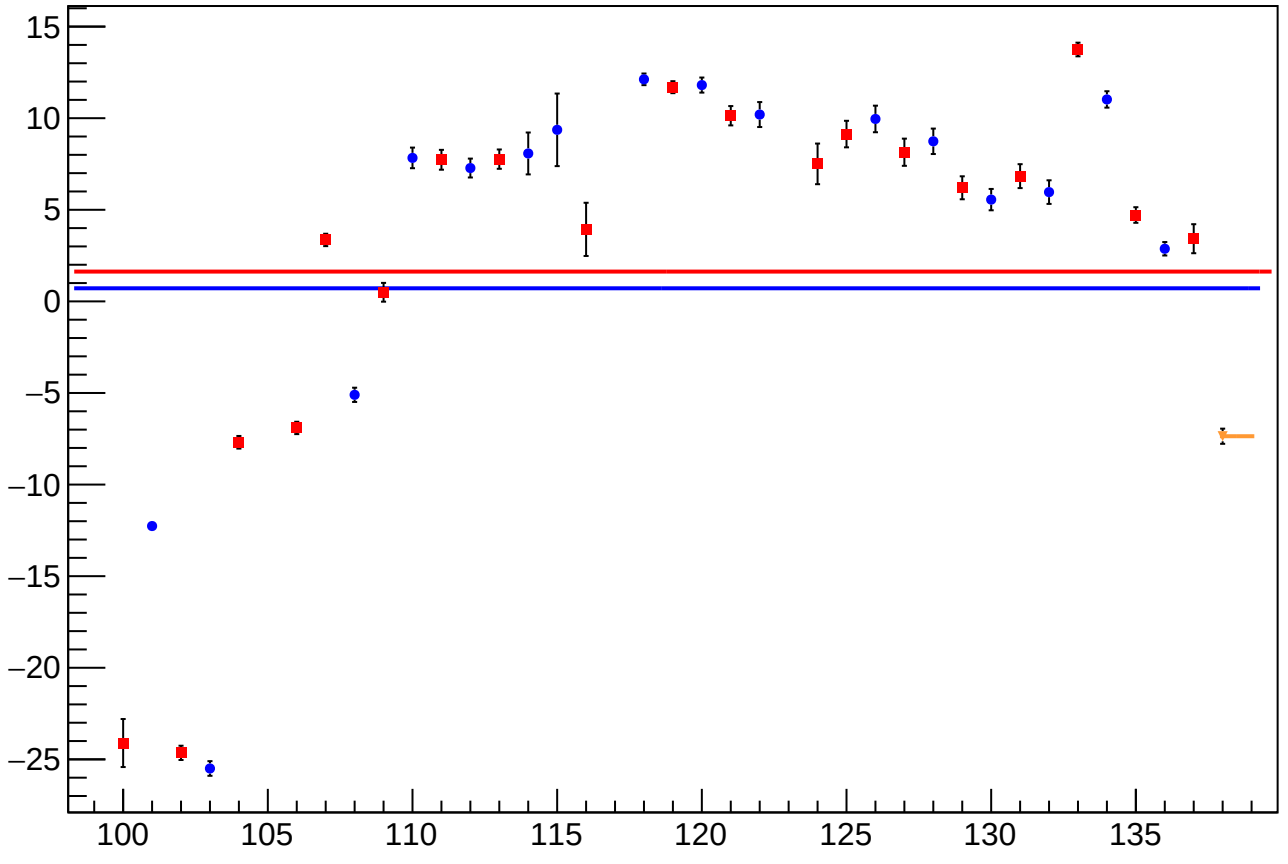
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.358+/-0.112 χ^2/NDF: 3444.6/16

All: 4.839+/-0.078 χ^2/NDF: 7691.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.715+/-0.116 χ^2/NDF: 10454.0/15

Left Out: -7.361+/-0.414 χ^2/NDF:0.0/0

Right Out: 1.627+/-0.111 χ^2/NDF: 9255.5/18

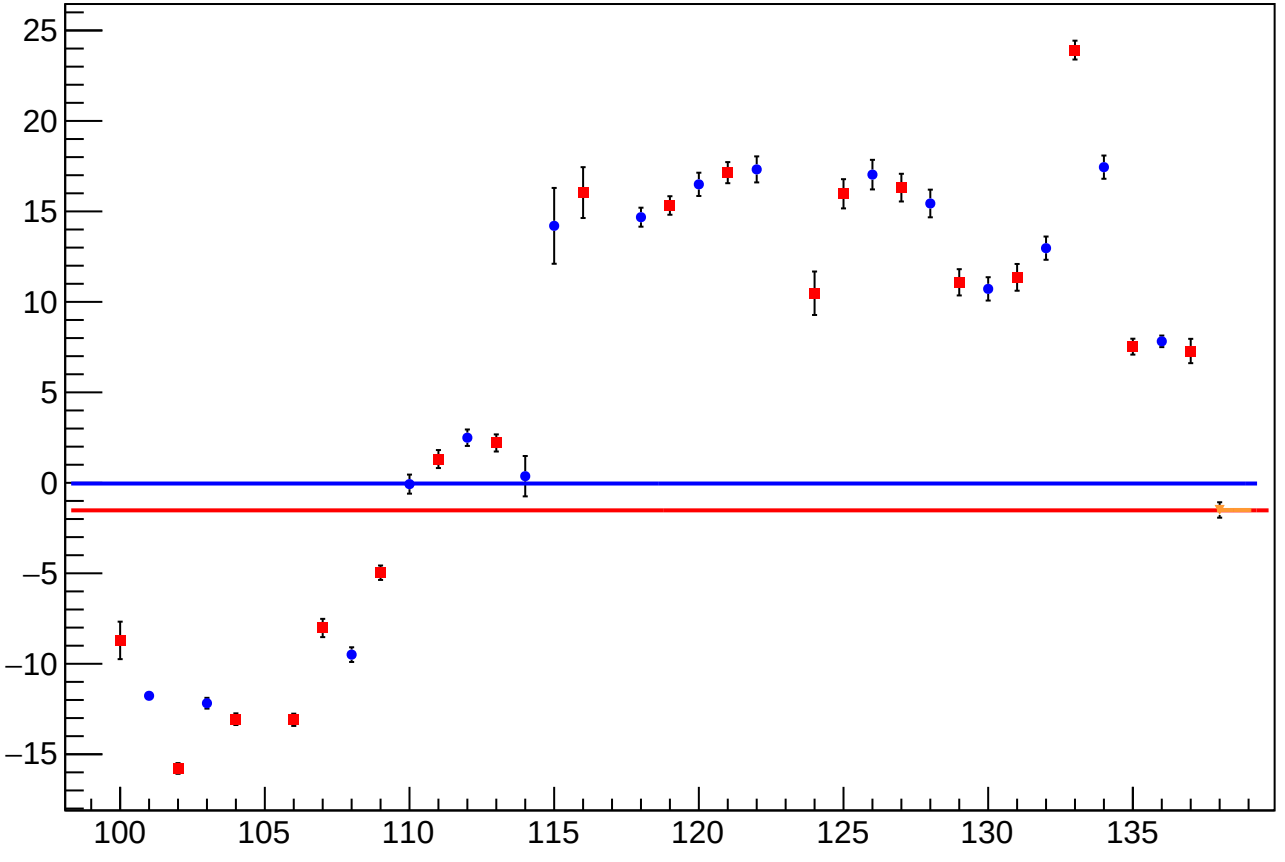
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.128+/-0.112 χ^2/NDF: 10806.8/16

All: 0.881+/-0.079 χ^2/NDF: 20153.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -0.038+/-0.119 χ^2/NDF: 9274.3/15

Left Out: -1.500+/-0.426 χ^2/NDF:0.0/0

Right Out: -1.521+/-0.115 χ^2/NDF: 12130.2/18

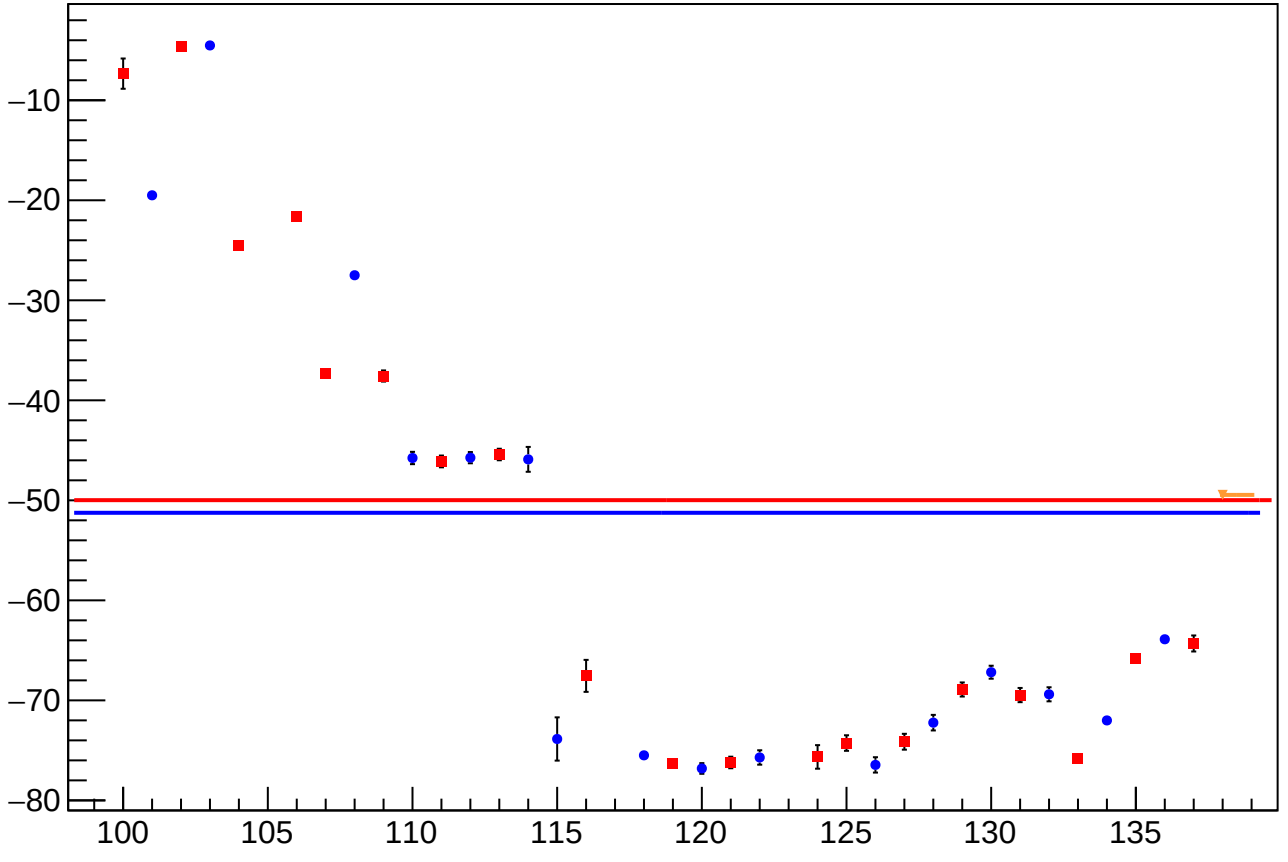
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.144+/-0.115 χ^2/NDF: 9285.2/16

All: -0.832+/-0.081 χ^2/NDF: 21487.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -51.246+/-0.136 χ^2/NDF: 33765.2/15

Left Out: -49.457+/-0.470 χ^2/NDF:0.0/0

Right Out: -49.983+/-0.131 χ^2/NDF: 33892.5/18

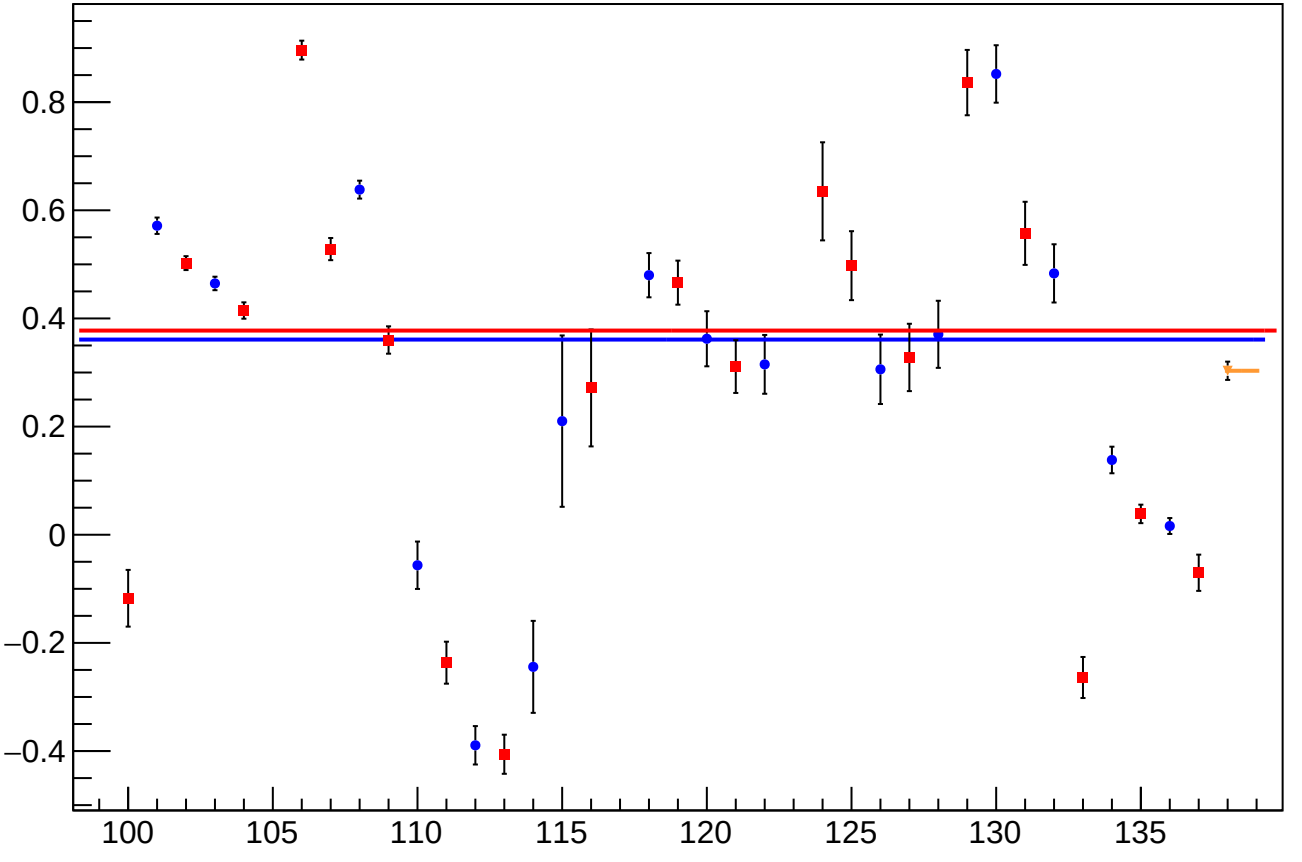
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -51.108+/-0.130 χ^2/NDF: 33778.6/16

All: -50.547+/-0.092 χ^2/NDF: 67708.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.361+/-0.006 χ^2/NDF: 1860.0/15

Left Out: 0.303+/-0.017 χ^2/NDF:0.0/0

Right Out: 0.378+/-0.006 χ^2/NDF: 2790.5/18

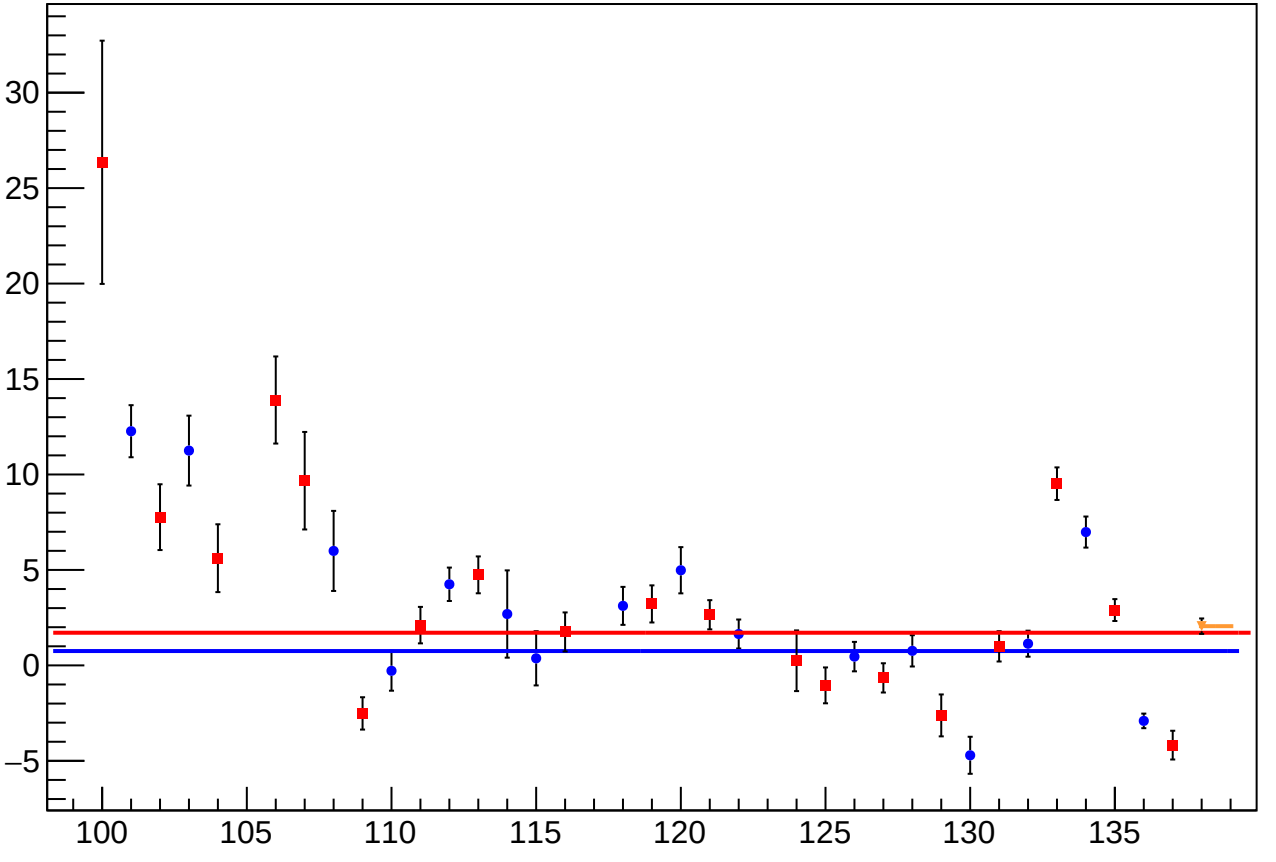
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.354+/-0.006 χ^2/NDF: 1870.2/16

All: 0.365+/-0.004 χ^2/NDF: 4668.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.752+/-0.212 χ^2/NDF: 330.1/15

Left Out: 2.054+/-0.404 χ^2/NDF:0.0/0

Right Out: 1.710+/-0.223 χ^2/NDF: 293.8/18

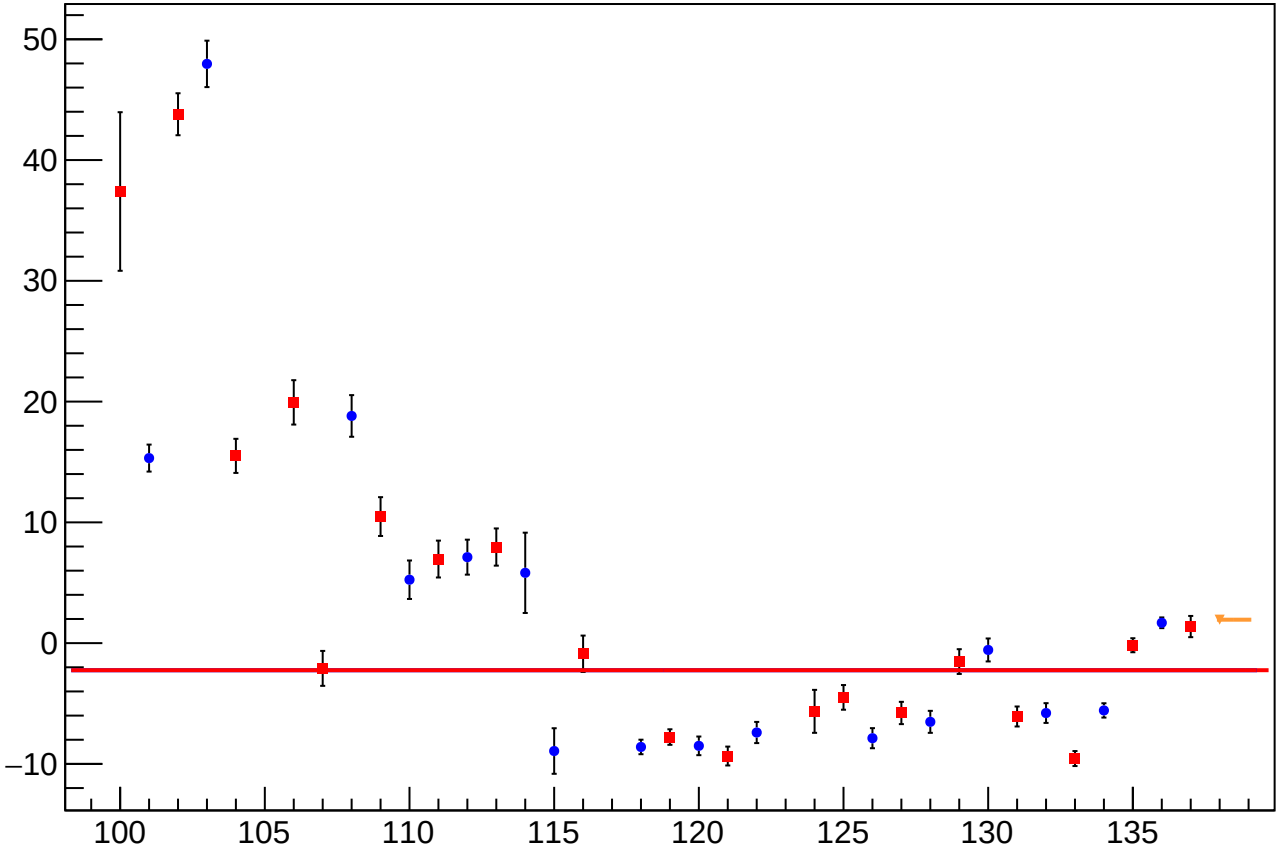
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.033+/-0.188 χ^2/NDF: 338.2/16

All: 1.315+/-0.144 χ^2/NDF: 637.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: -2.245+/-0.215 χ^2/NDF: 1572.5/15

Left Out: 1.941+/-0.396 χ^2/NDF:0.0/0

Right Out: -2.242+/-0.229 χ^2/NDF: 1555.6/18

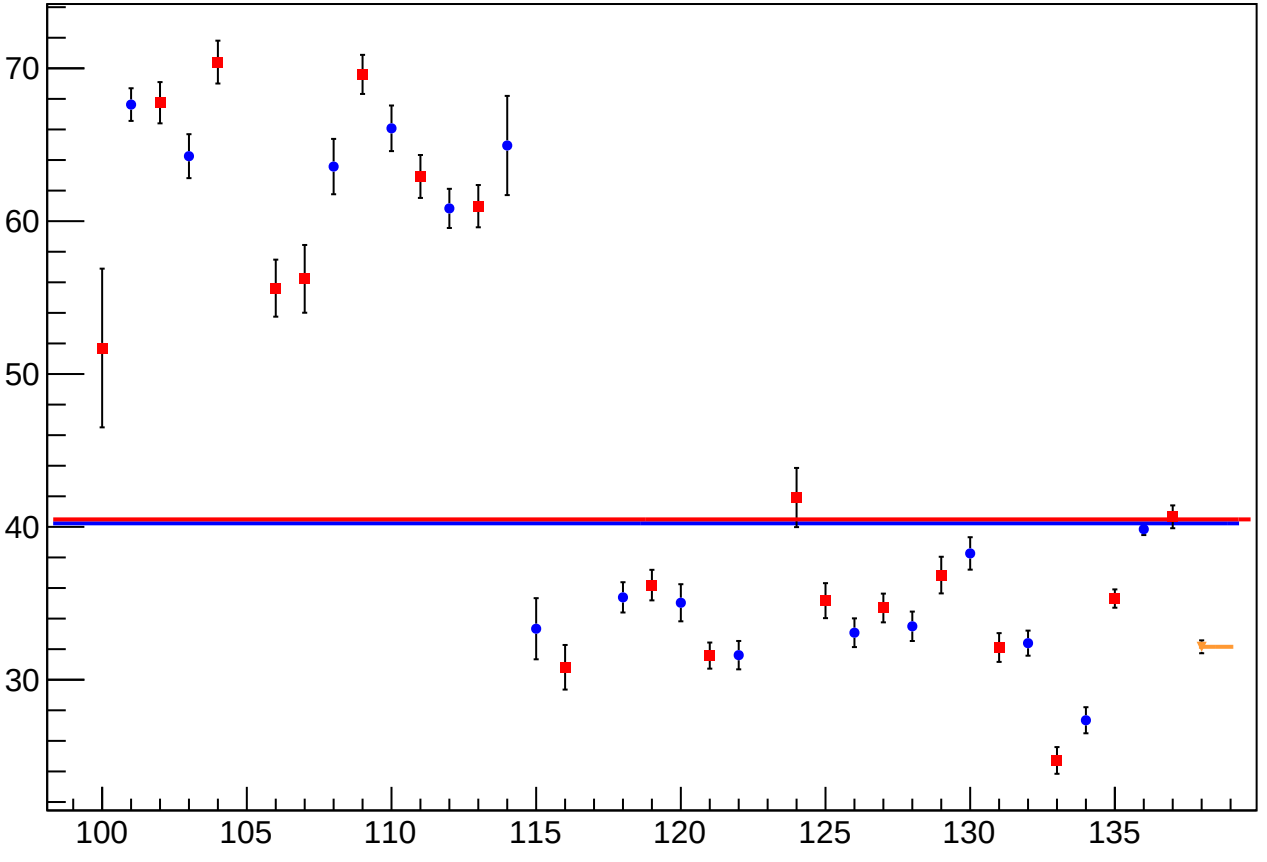
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.289+/-0.189 χ^2/NDF: 1658.9/16

All: -1.676+/-0.146 χ^2/NDF: 3224.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 40.232+/-0.231 χ^2/NDF: 2291.1/15

Left Out: 32.155+/-0.422 χ^2/NDF:0.0/0

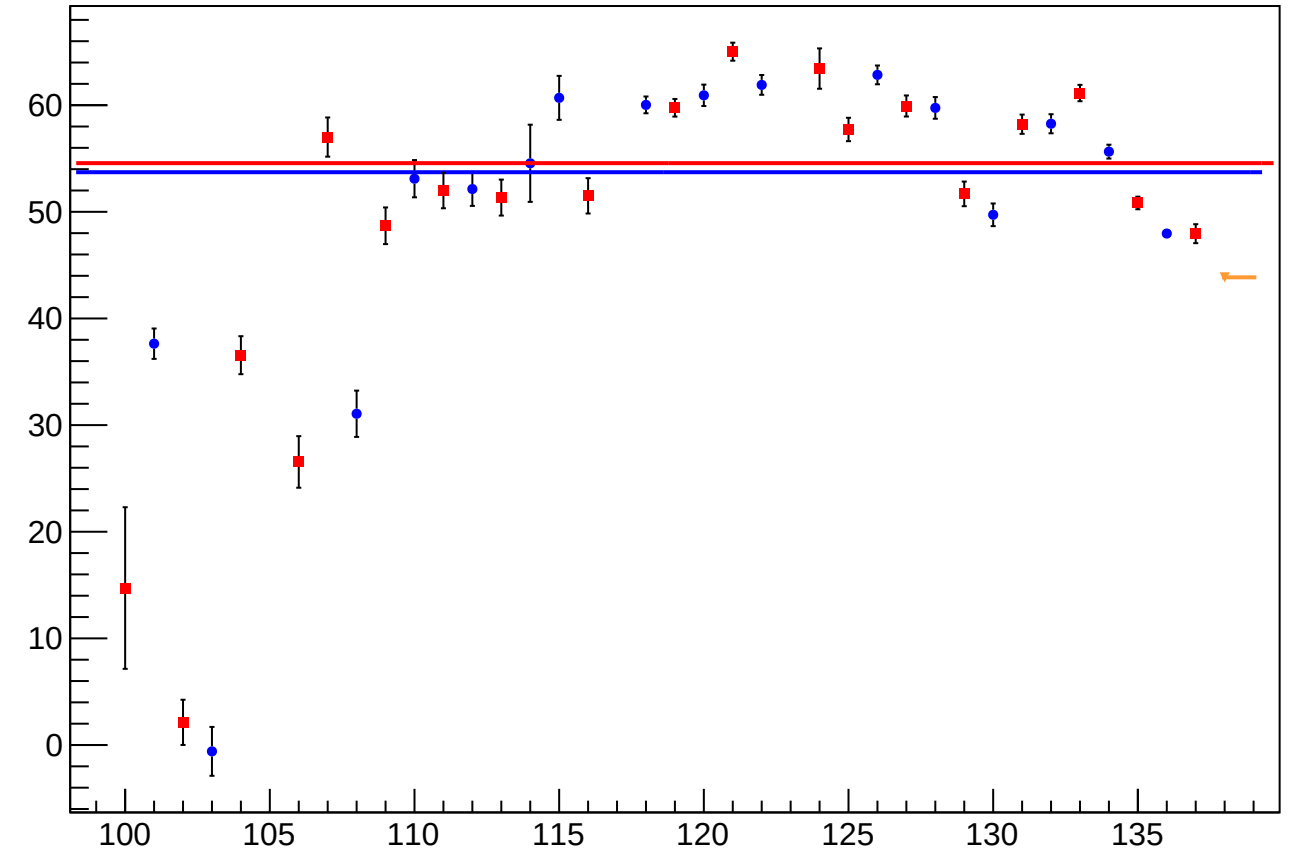
Right Out: 40.490+/-0.250 χ^2/NDF: 2698.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 38.364+/-0.203 χ^2/NDF: 2572.9/16

All: 39.206+/-0.158 χ^2/NDF: 5314.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 53.715+/-0.239 χ^2/NDF: 1362.7/15

Left Out: 43.856+/-0.453 χ^2/NDF:0.0/0

Right Out: 54.565+/-0.256 χ^2/NDF: 1342.6/18

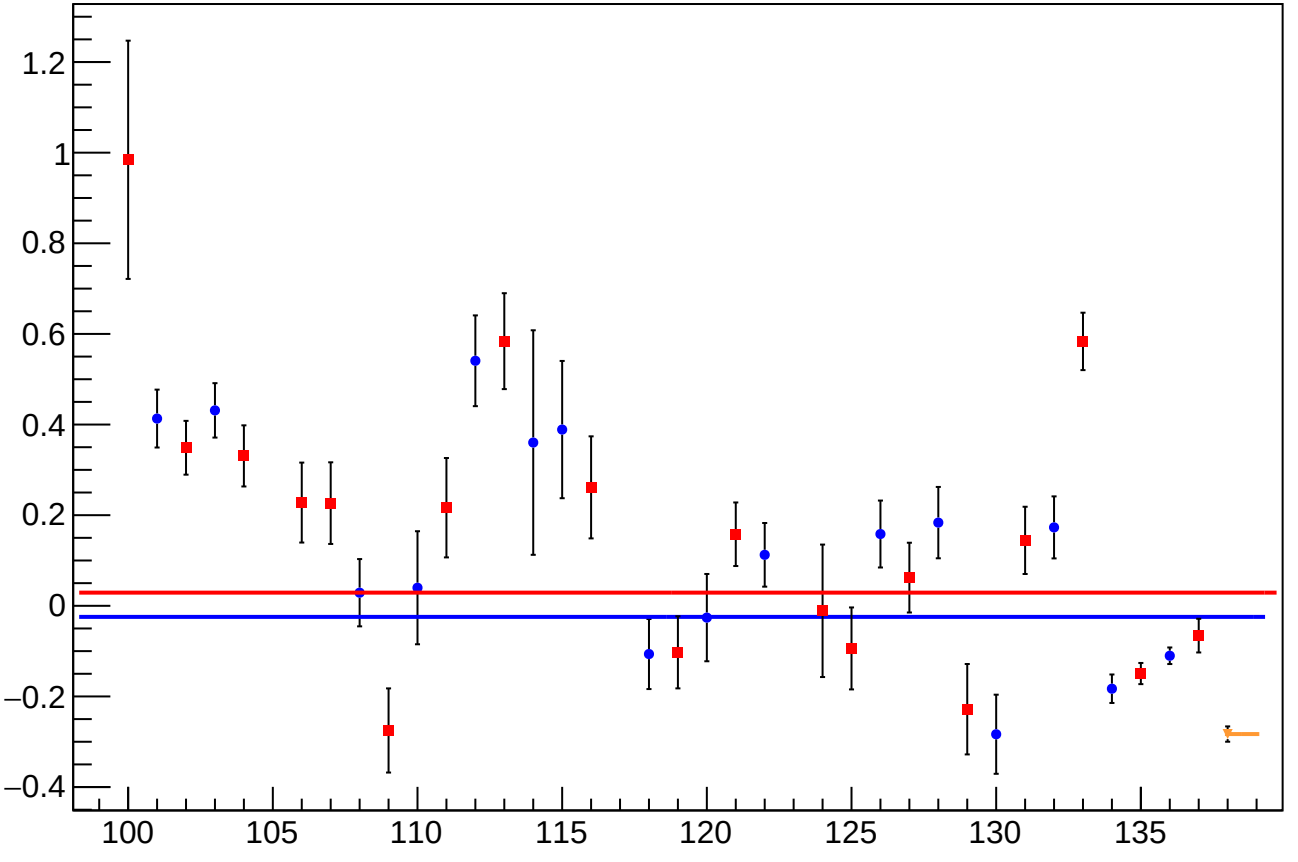
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 51.572+/-0.211 χ^2/NDF: 1732.6/16

All: 52.785+/-0.163 χ^2/NDF: 3156.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.024+/-0.013 χ^2/NDF: 229.7/15

Left Out: -0.283+/-0.017 χ^2/NDF:0.0/0

Right Out: 0.029+/-0.014 χ^2/NDF: 276.4/18

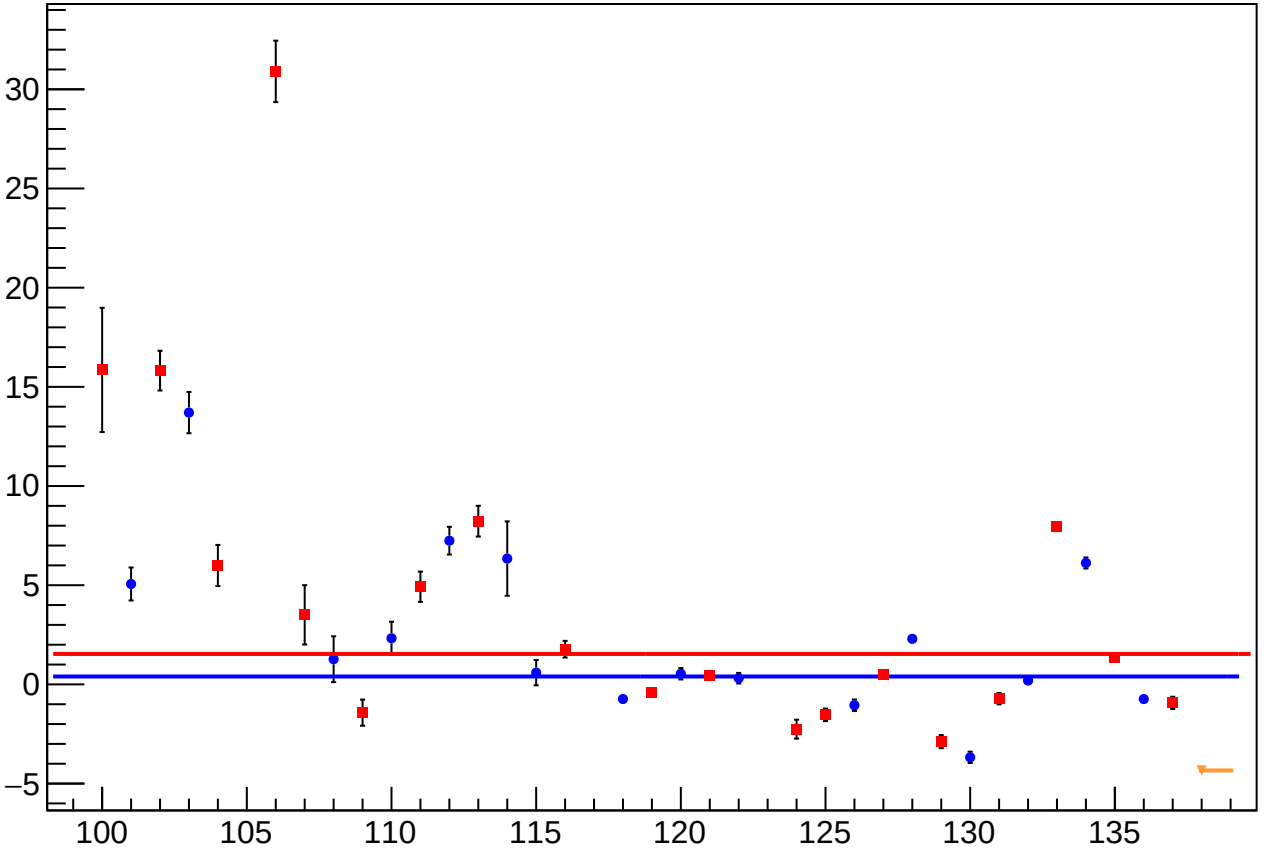
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.119+/-0.010 χ^2/NDF: 378.4/16

All: -0.069+/-0.008 χ^2/NDF: 726.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.398+/-0.077 χ^2/NDF: 1097.4/15

Left Out: -4.336+/-0.171 χ^2/NDF:0.0/0

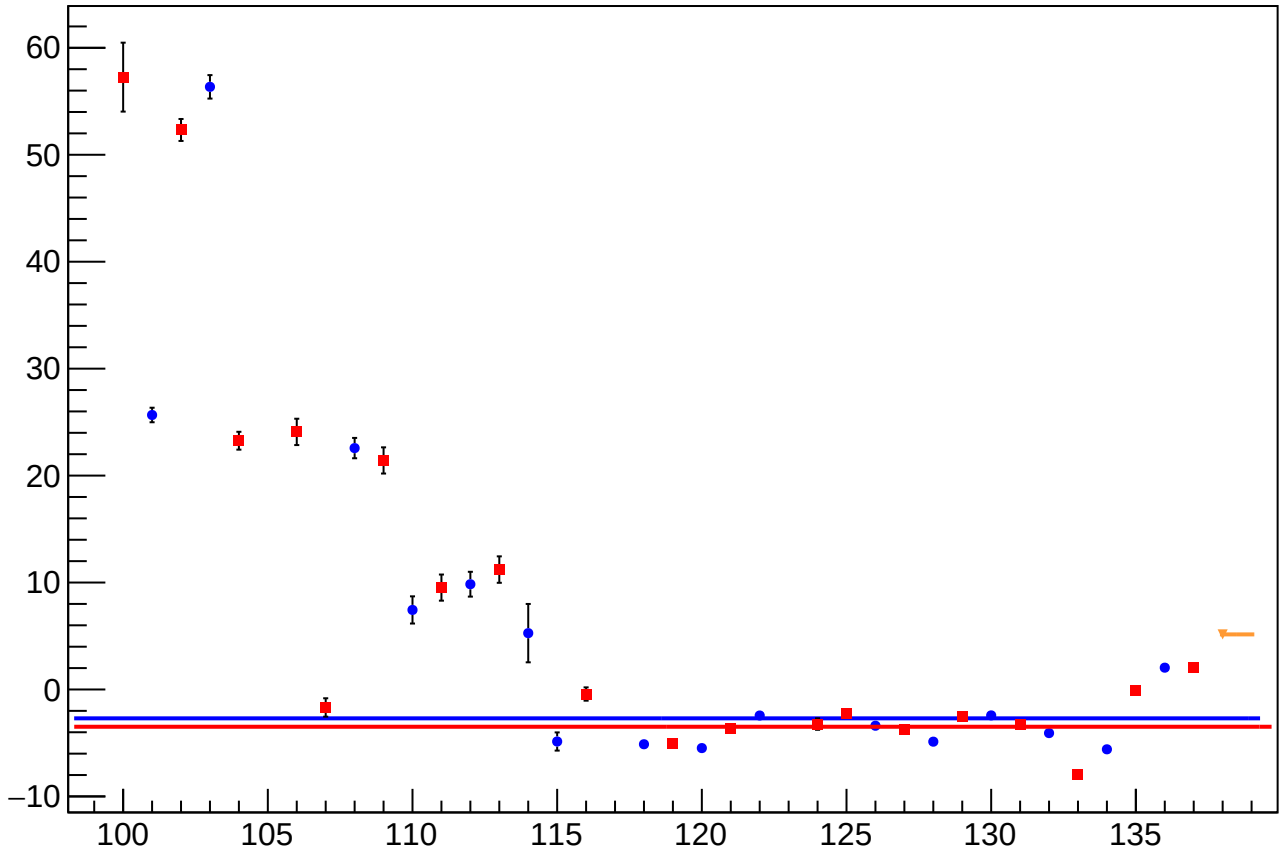
Right Out: 1.536+/-0.078 χ^2/NDF: 2411.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.398+/-0.070 χ^2/NDF: 1732.3/16

All: 0.466+/-0.052 χ^2/NDF: 4481.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.699+/-0.071 χ^2/NDF: 7103.8/15

Left Out: 5.150+/-0.172 χ^2/NDF:0.0/0

Right Out: -3.486+/-0.071 χ^2/NDF: 7159.9/18

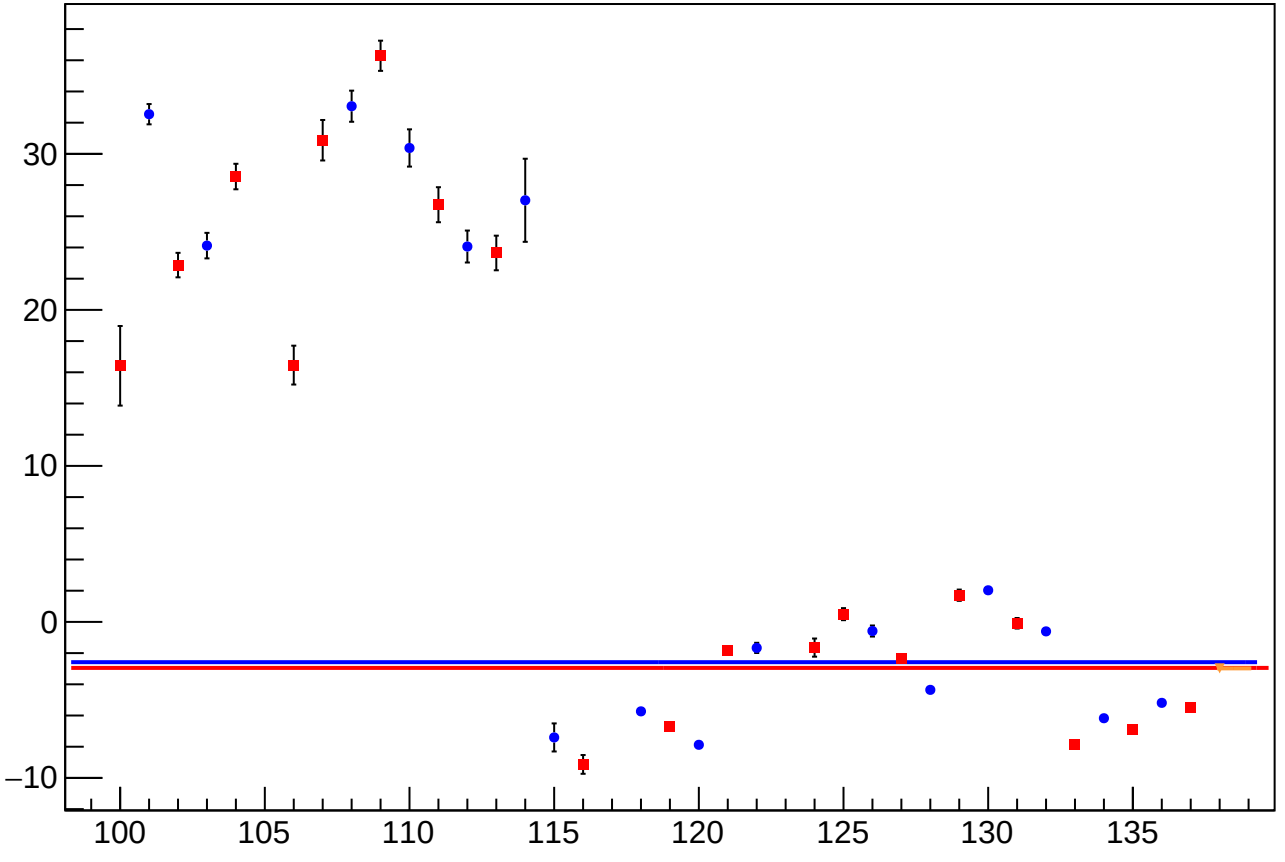
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.558+/-0.065 χ^2/NDF: 8893.6/16

All: -2.445+/-0.048 χ^2/NDF: 16453.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -2.582+/-0.083 χ^2/NDF: 8159.7/15

Left Out: -2.977+/-0.179 χ^2/NDF:0.0/0

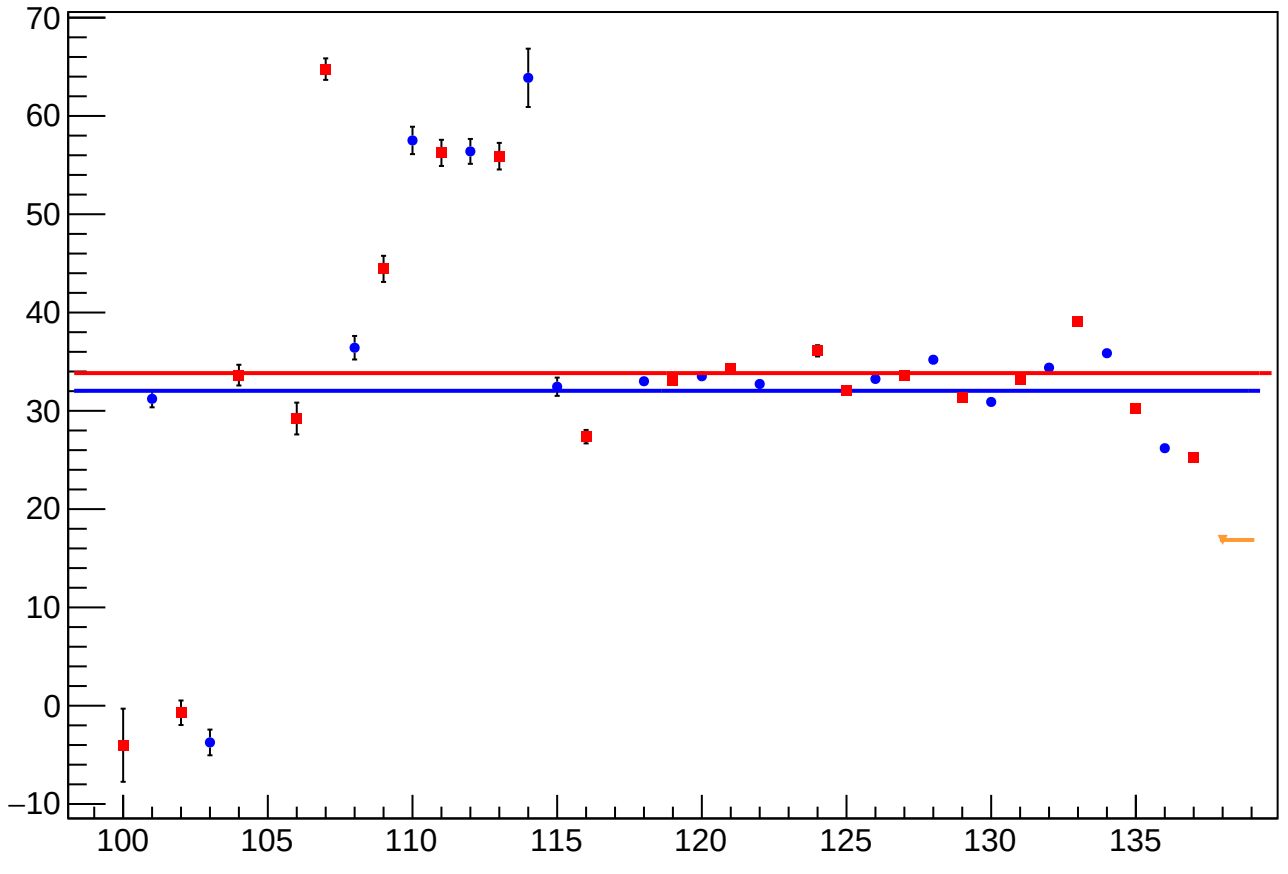
Right Out: -2.948+/-0.085 χ^2/NDF: 8196.4/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -2.652+/-0.075 χ^2/NDF: 8163.7/16

All: -2.782+/-0.056 χ^2/NDF: 16367.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 32.038+/-0.081 χ^2/NDF: 3255.9/15

Left Out: 16.863+/-0.195 χ^2/NDF:0.0/0

Right Out: 33.837+/-0.082 χ^2/NDF: 4237.8/18

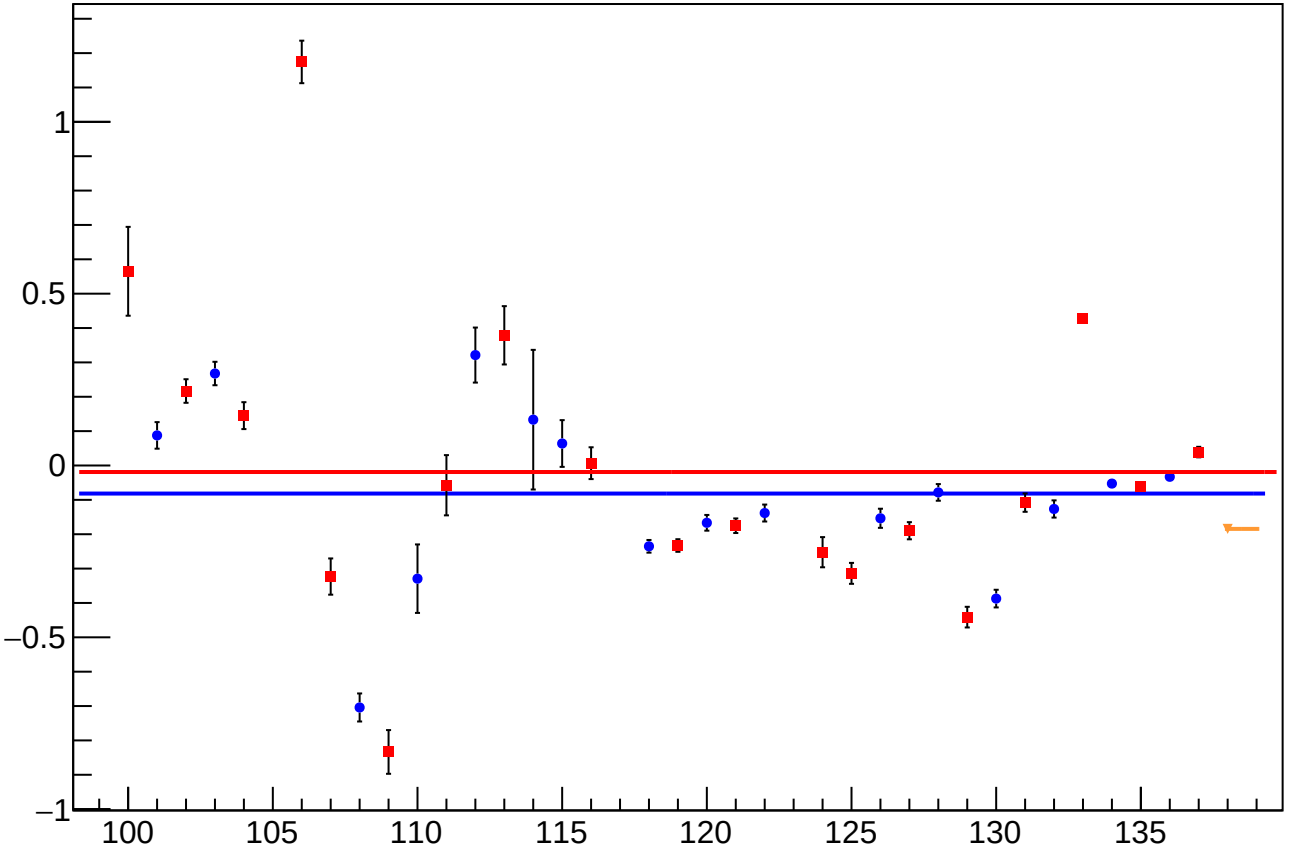
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 29.799+/-0.075 χ^2/NDF: 8397.8/16

All: 31.649+/-0.055 χ^2/NDF: 13962.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.082+/-0.005 χ^2/NDF: 689.2/15

Left Out: -0.185+/-0.007 χ^2/NDF:0.0/0

Right Out: -0.019+/-0.005 χ^2/NDF: 2273.7/18

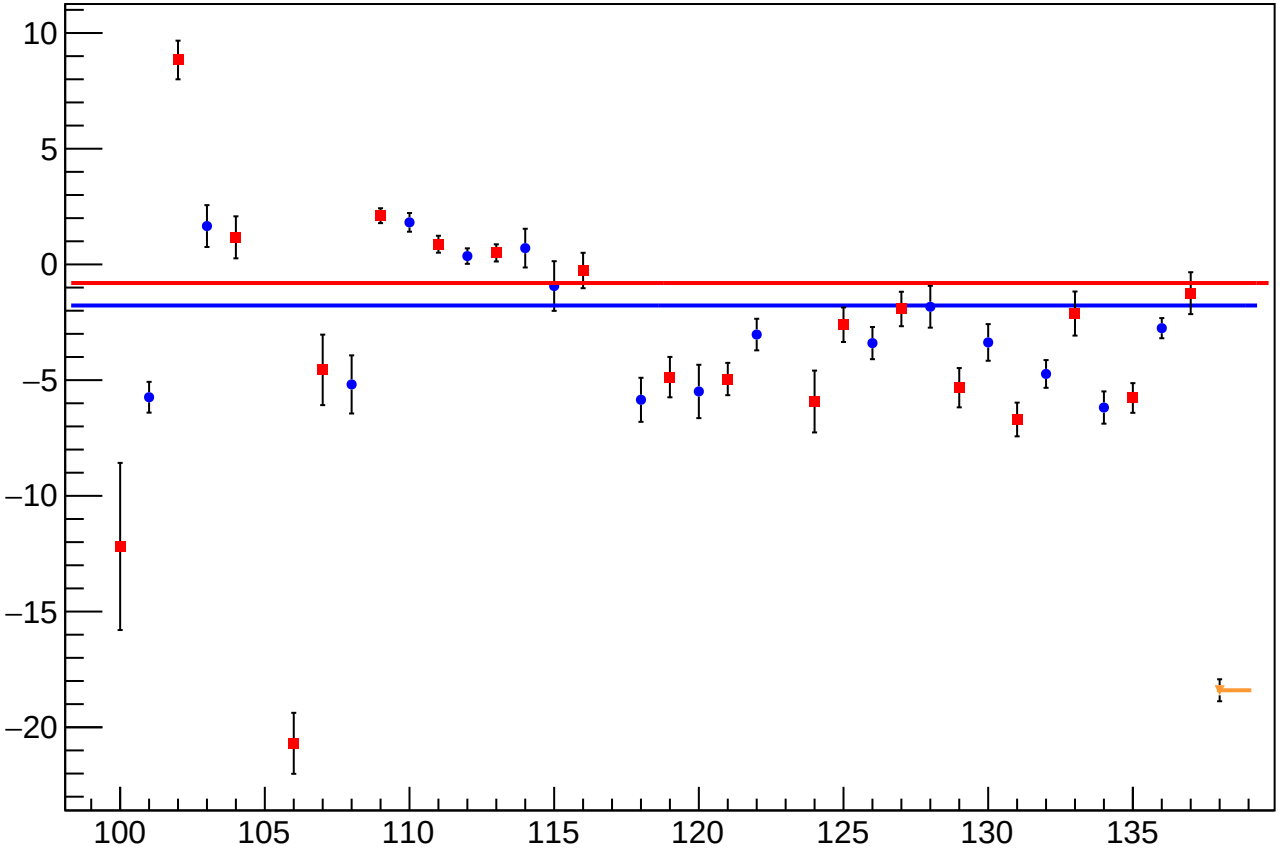
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.114+/-0.004 χ^2/NDF: 832.4/16

All: -0.079+/-0.003 χ^2/NDF: 3316.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -1.775+/-0.157 χ^2/NDF: 297.7/15

Left Out: -18.401+/-0.475 χ^2/NDF:0.0/0

Right Out: -0.803+/-0.148 χ^2/NDF: 733.7/18

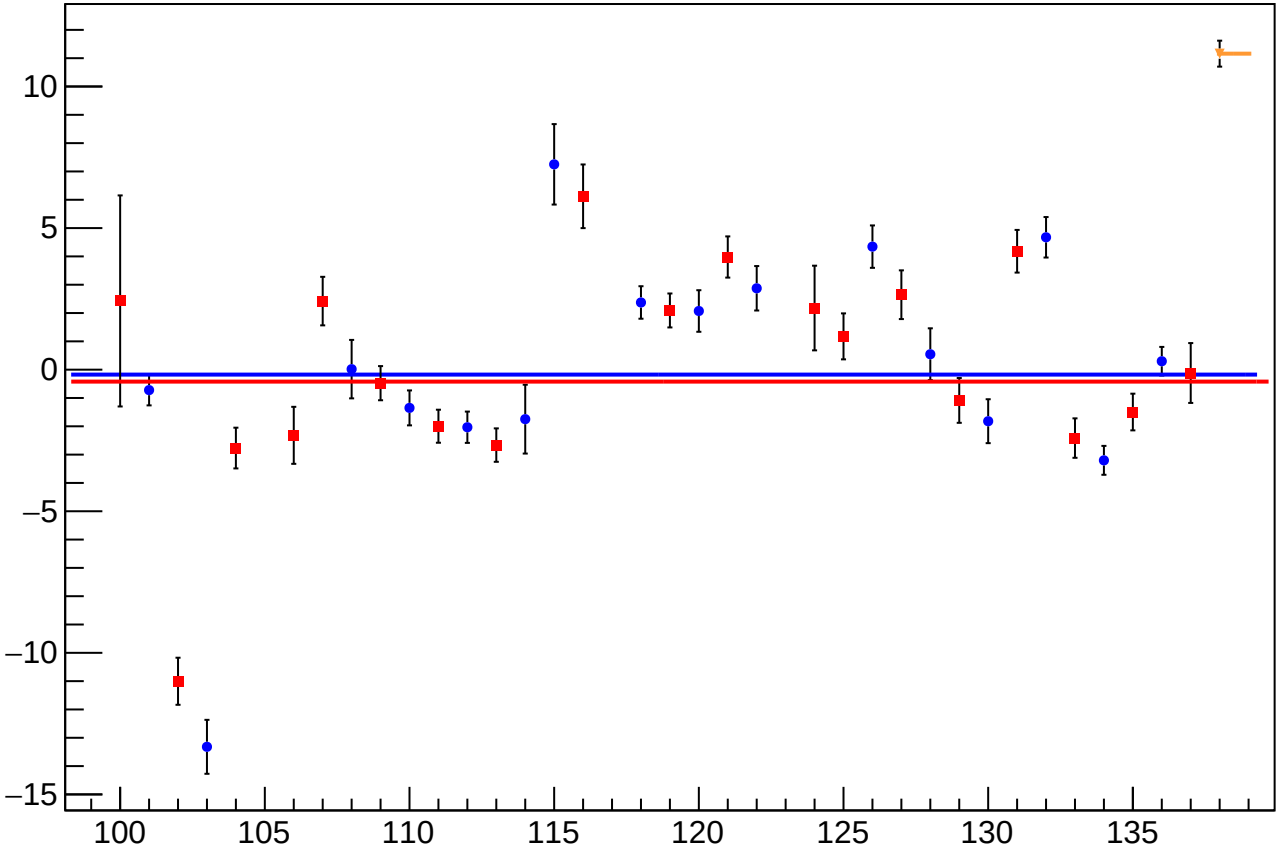
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.417+/-0.149 χ^2/NDF: 1403.8/16

All: -2.103+/-0.105 χ^2/NDF: 2291.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -0.174+/-0.173 χ^2/NDF: 403.1/15

Left Out: 11.160+/-0.459 χ^2/NDF:0.0/0

Right Out: -0.421+/-0.177 χ^2/NDF: 366.3/18

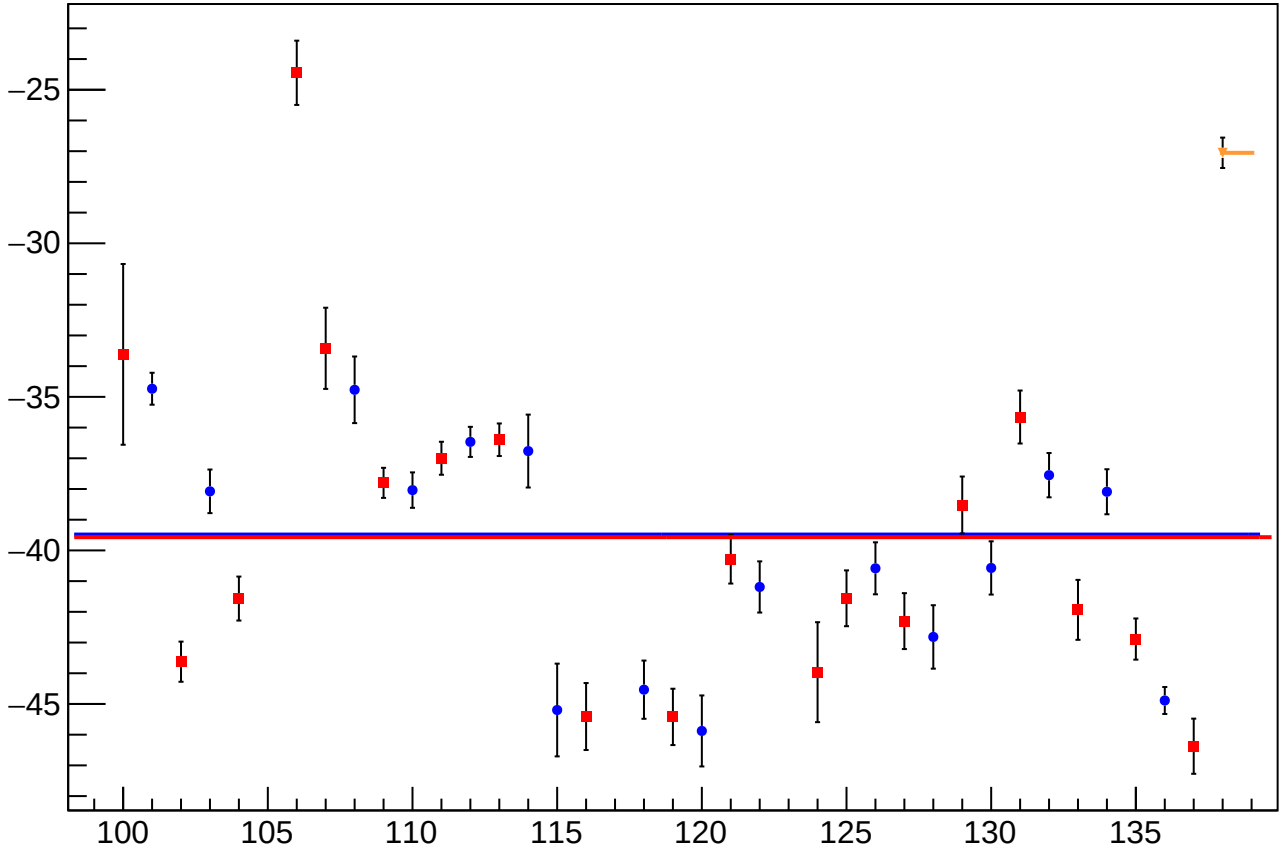
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.238+/-0.162 χ^2/NDF: 937.7/16

All: 0.483+/-0.120 χ^2/NDF: 1351.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -39.484+/-0.180 χ^2/NDF: 409.3/15

Left Out: -27.053+/-0.495 χ^2/NDF:0.0/0

Right Out: -39.570+/-0.181 χ^2/NDF: 553.5/18

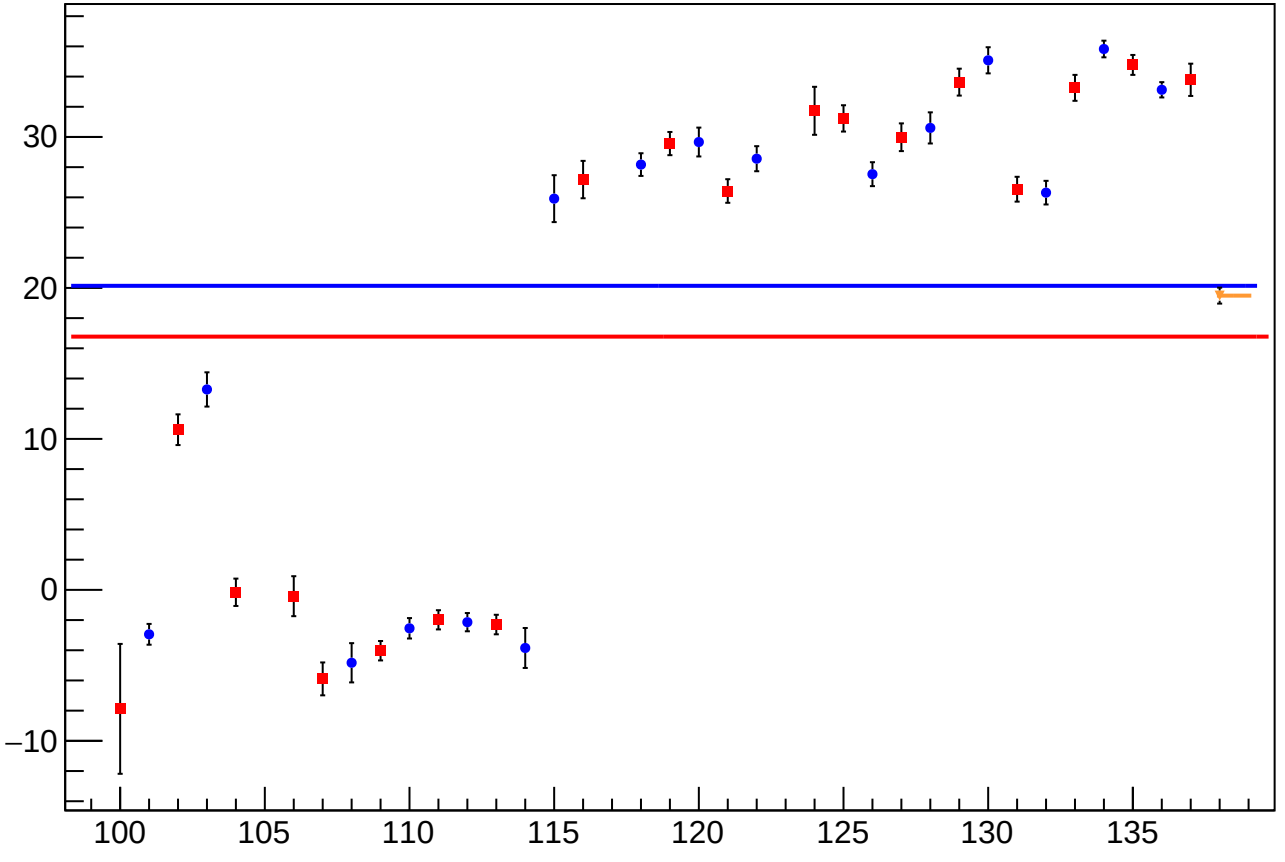
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -38.029+/-0.169 χ^2/NDF: 966.1/16

All: -38.748+/-0.124 χ^2/NDF: 1558.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 20.140+/-0.195 χ^2/NDF: 6684.6/15

Left Out: 19.490+/-0.528 χ^2/NDF:0.0/0

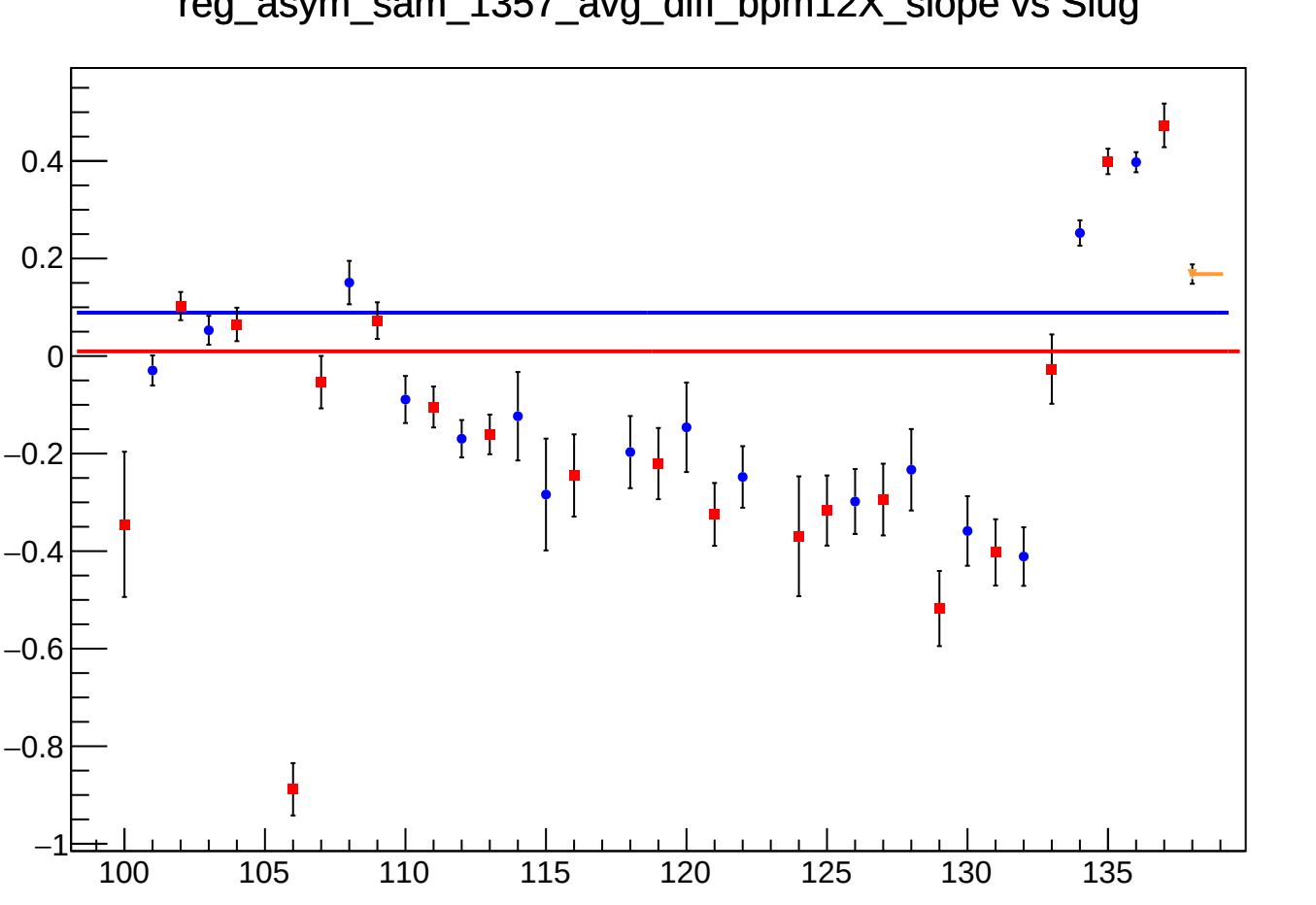
Right Out: 16.775+/-0.200 χ^2/NDF: 6739.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 20.062+/-0.183 χ^2/NDF: 6685.9/16

All: 18.565+/-0.135 χ^2/NDF: 13572.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.089+/-0.010 χ^2/NDF: 563.9/15

Left Out: 0.168+/-0.020 χ^2/NDF:0.0/0

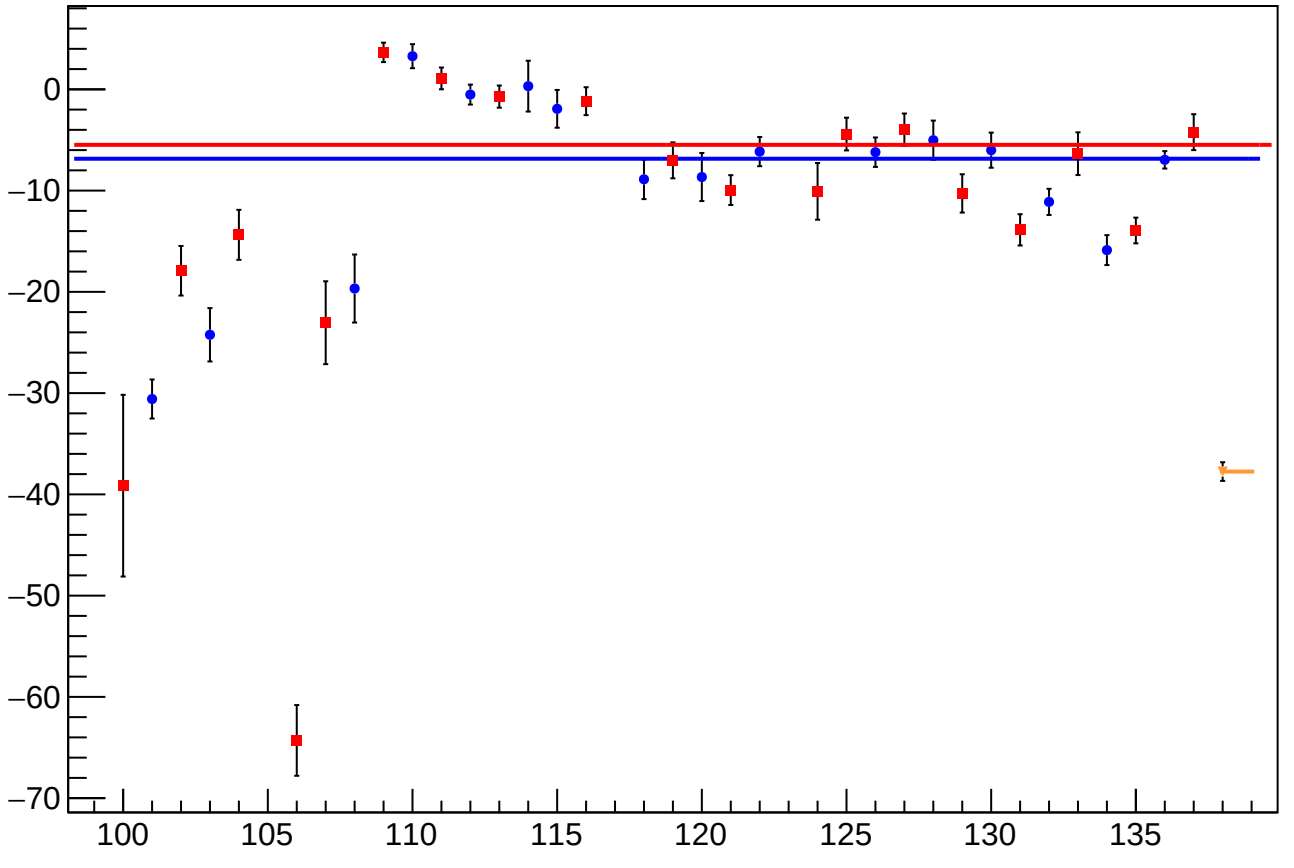
Right Out: 0.010+/-0.011 χ^2/NDF: 834.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.106+/-0.009 χ^2/NDF: 576.4/16

All: 0.066+/-0.007 χ^2/NDF: 1456.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -6.853+/-0.376 χ^2/NDF: 390.1/15

Left Out: -37.747+/-0.919 χ^2/NDF:0.0/0

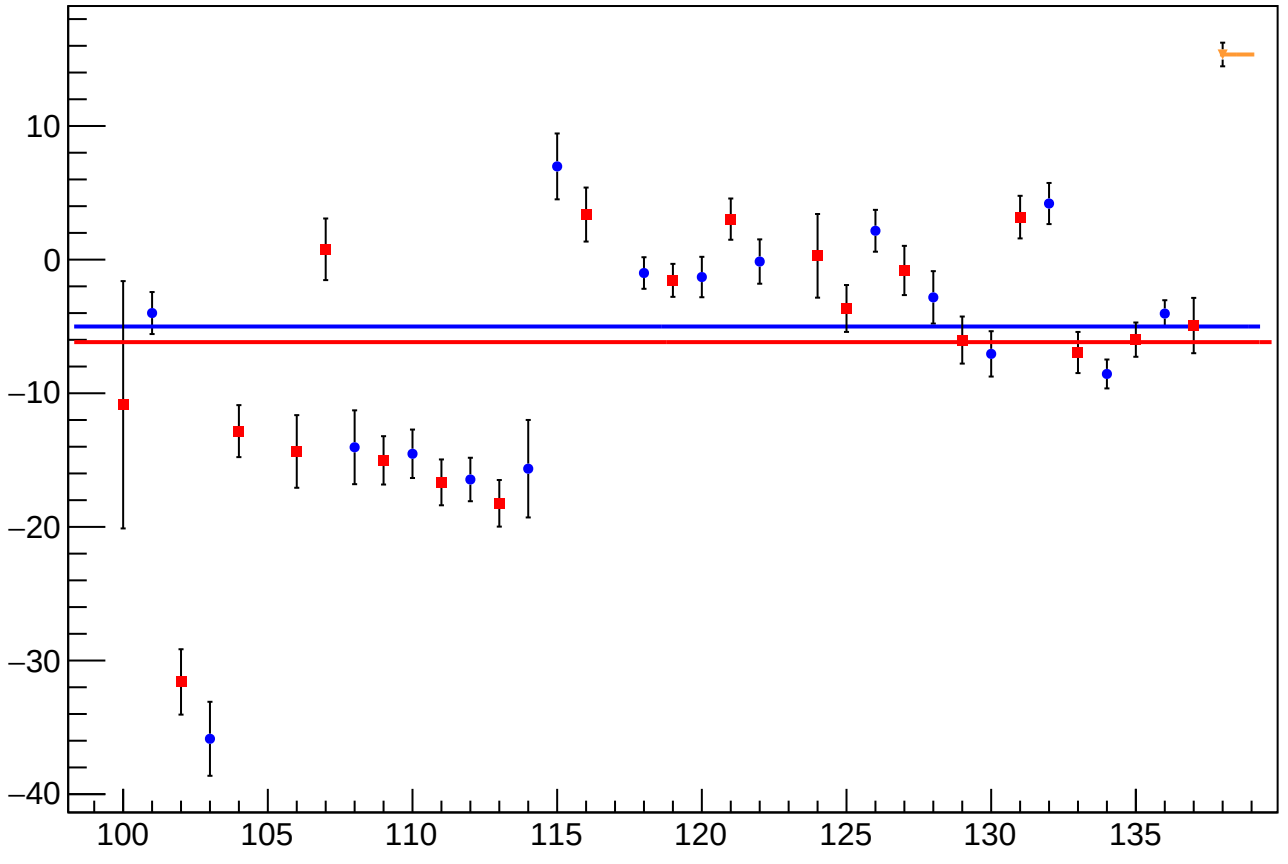
Right Out: -5.483+/-0.369 χ^2/NDF: 606.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -11.273+/-0.348 χ^2/NDF: 1358.0/16

All: -8.550+/-0.253 χ^2/NDF: 2095.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -5.005+/-0.395 χ^2/NDF: 341.7/15

Left Out: 15.350+/-0.885 χ^2/NDF:0.0/0

Right Out: -6.173+/-0.417 χ^2/NDF: 369.1/18

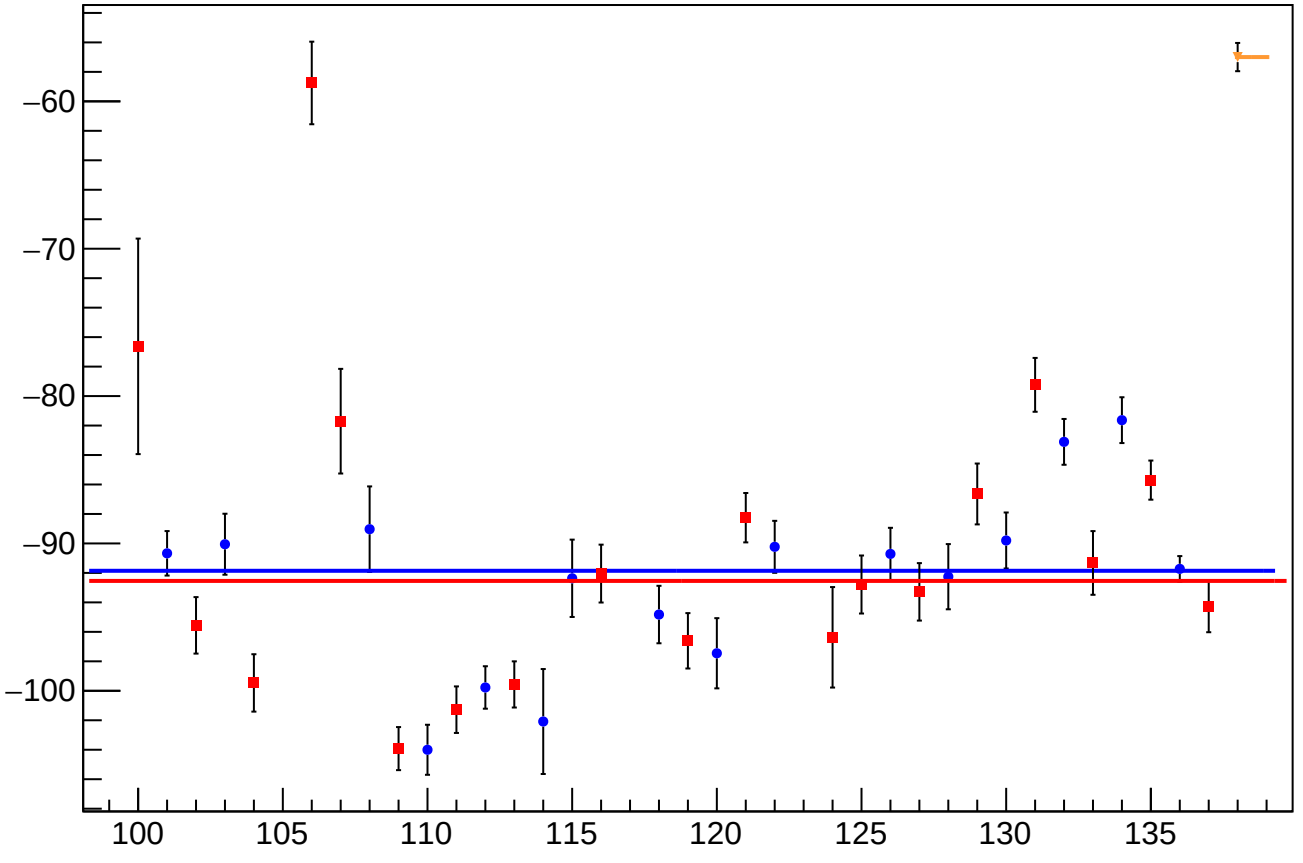
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.617+/-0.361 χ^2/NDF: 783.0/16

All: -3.571+/-0.273 χ^2/NDF: 1220.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -91.856+/-0.424 χ^2/NDF: 177.3/15

Left Out: -56.995+/-0.959 χ^2/NDF:0.0/0

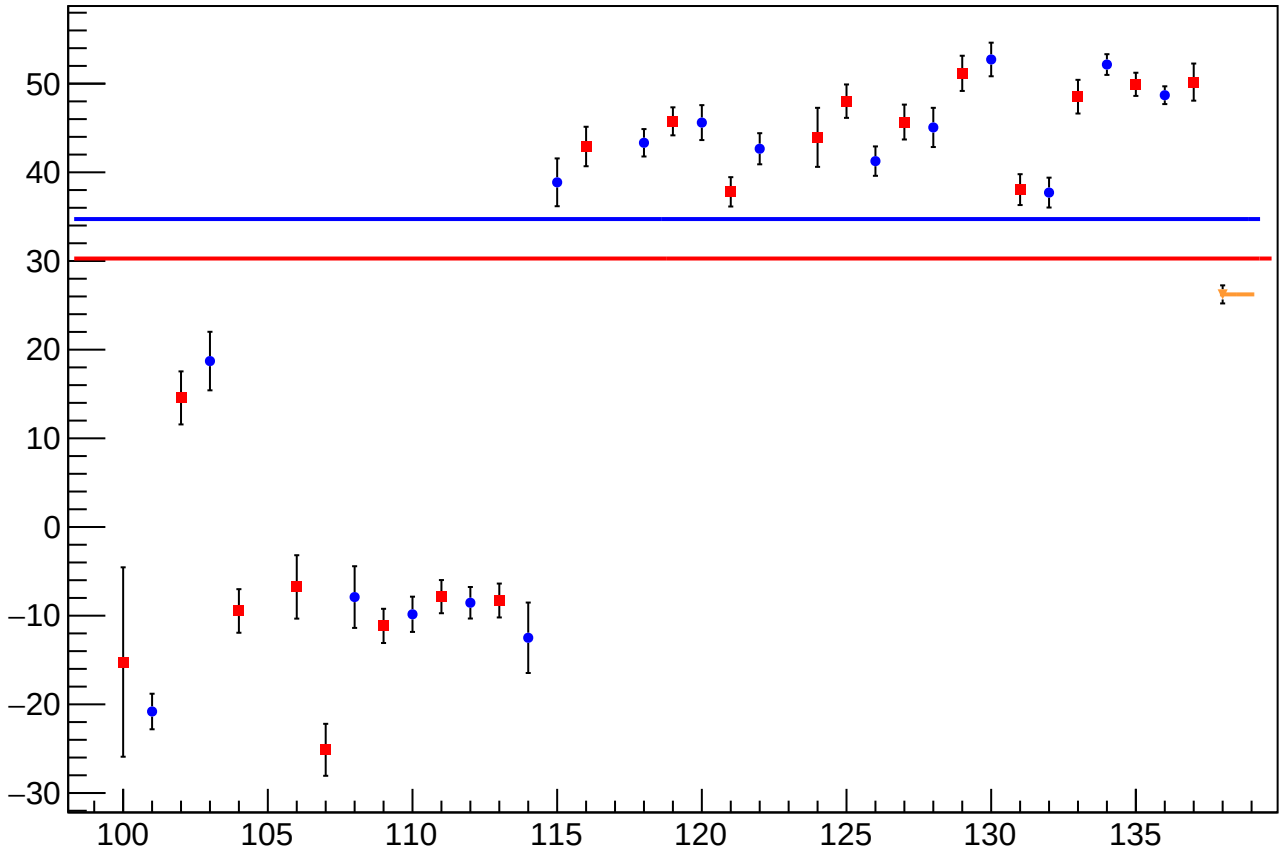
Right Out: -92.544+/-0.439 χ^2/NDF: 387.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -86.152+/-0.388 χ^2/NDF: 1283.1/16

All: -88.952+/-0.291 χ^2/NDF: 1789.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 34.729+/-0.442 χ^2/NDF: 2809.1/15

Left Out: 26.233+/-1.019 χ^2/NDF:0.0/0

Right Out: 30.279+/-0.467 χ^2/NDF: 2911.2/18

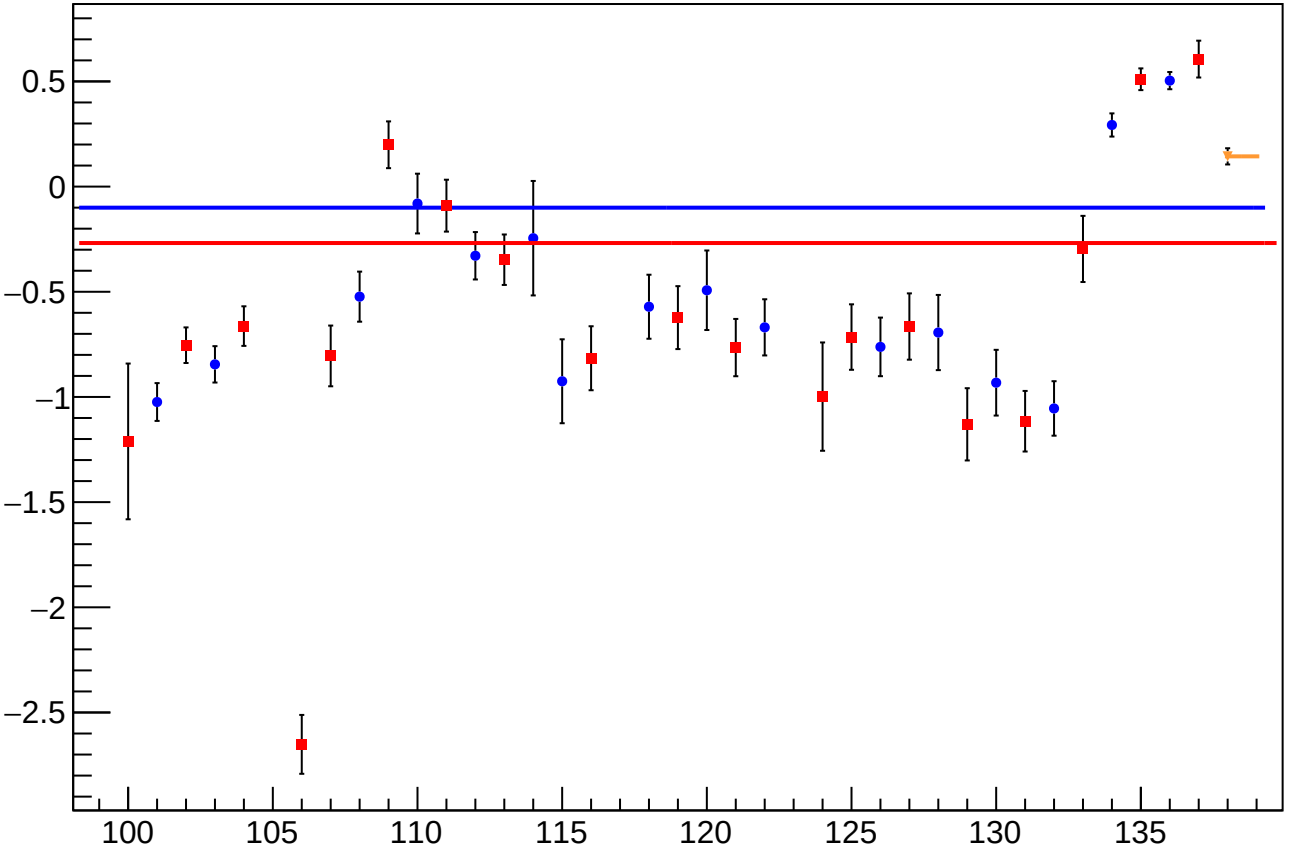
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.384+/-0.405 χ^2/NDF: 2867.6/16

All: 32.050+/-0.306 χ^2/NDF: 5804.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.100+/-0.024 χ^2/NDF: 631.4/15

Left Out: 0.144+/-0.039 χ^2/NDF:0.0/0

Right Out: -0.268+/-0.026 χ^2/NDF: 822.4/18

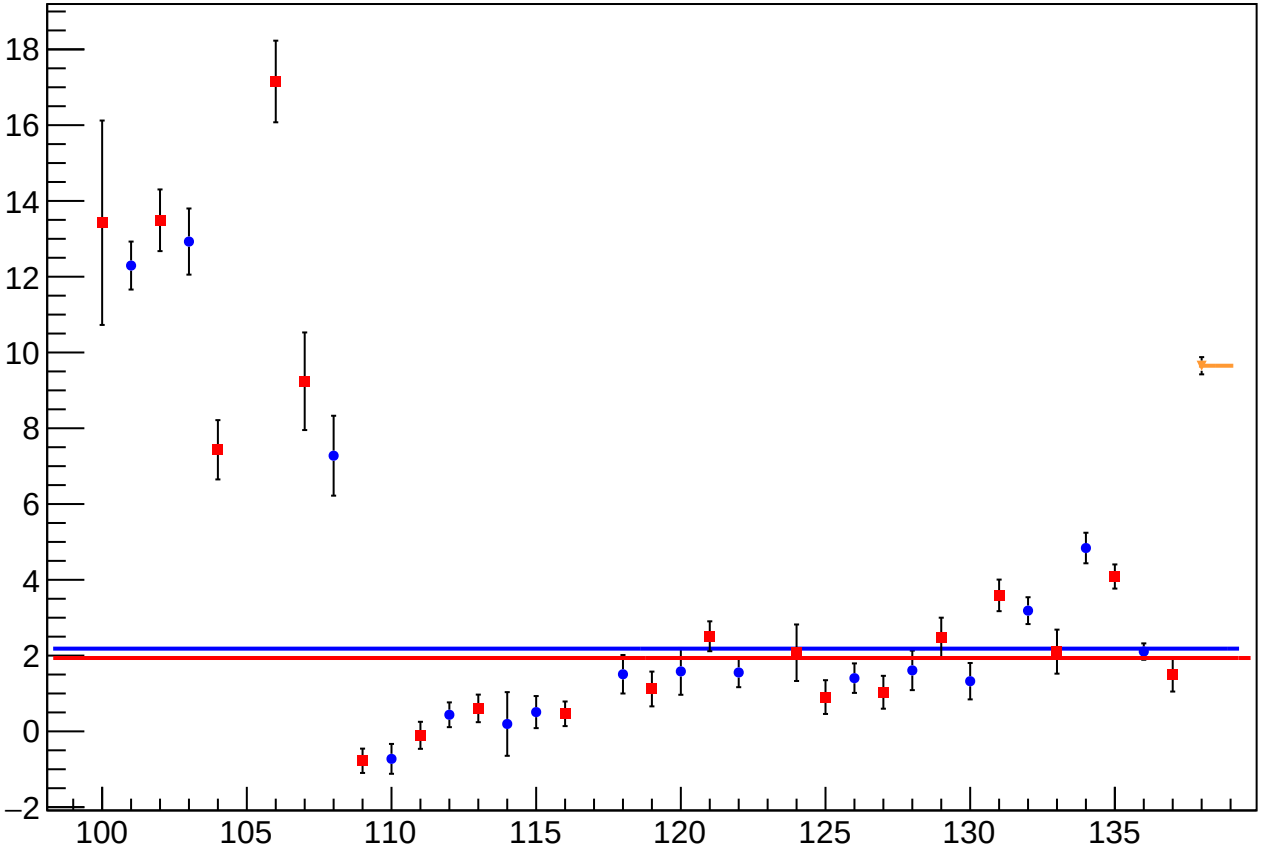
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.032+/-0.020 χ^2/NDF: 660.3/16

All: -0.121+/-0.016 χ^2/NDF: 1532.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 2.184+/-0.105 χ^2/NDF: 599.3/15

Left Out: 9.650+/-0.227 χ^2/NDF:0.0/0

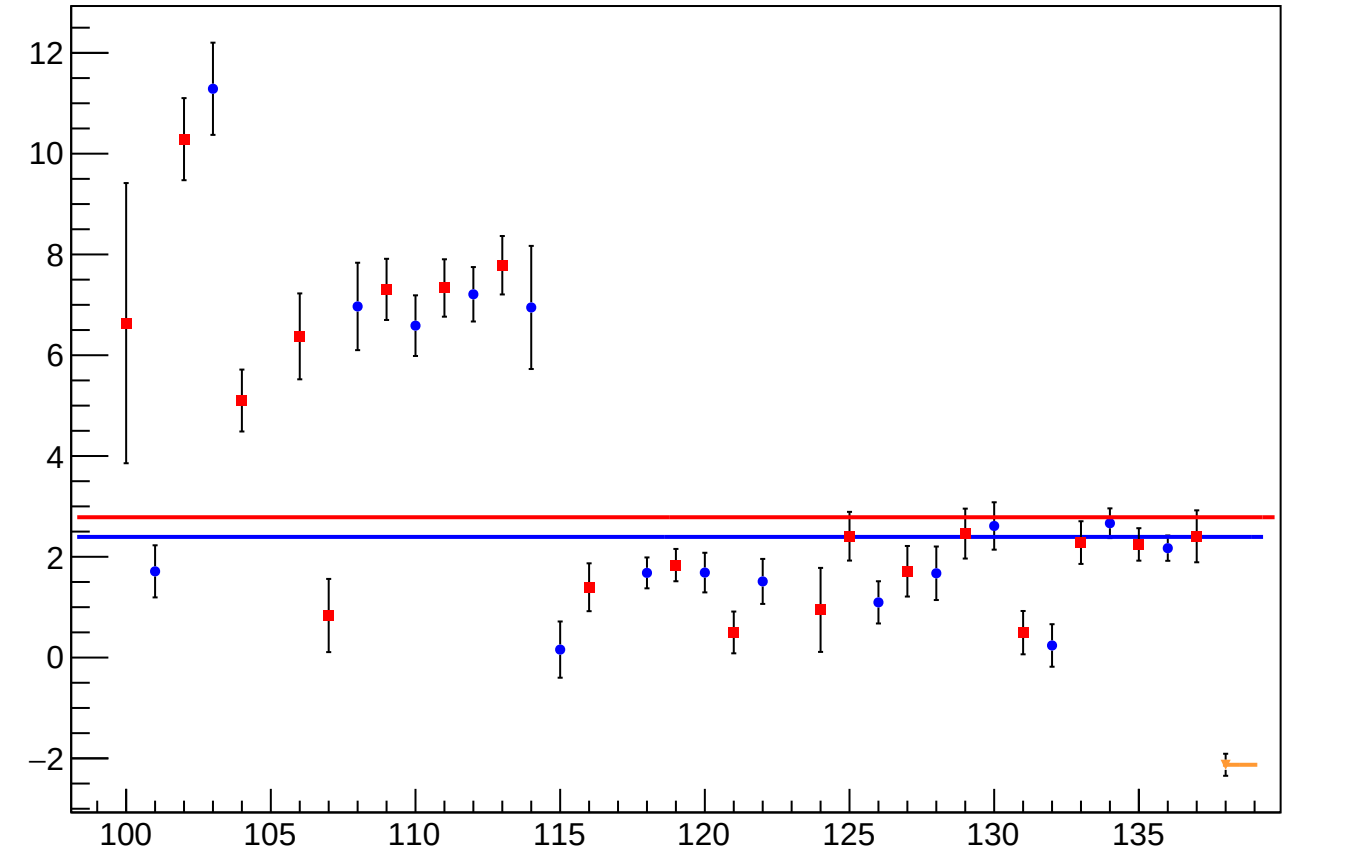
Right Out: 1.936+/-0.105 χ^2/NDF: 717.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.495+/-0.095 χ^2/NDF: 1488.0/16

All: 2.795+/-0.071 χ^2/NDF: 2325.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2.394+/-0.108 χ^2/NDF: 333.9/15

Left Out: -2.128+/-0.219 χ^2/NDF:0.0/0

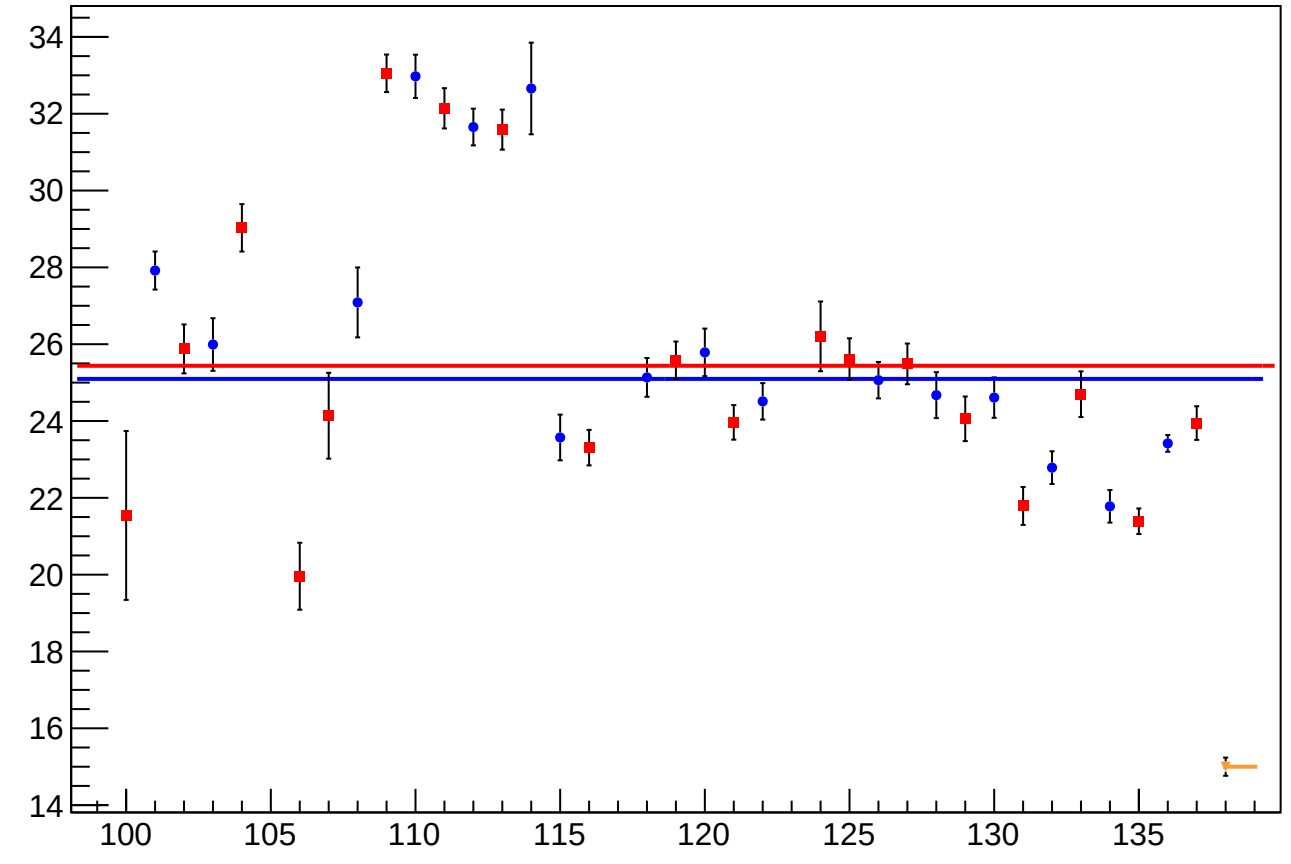
Right Out: 2.785+/-0.116 χ^2/NDF: 410.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.503+/-0.097 χ^2/NDF: 677.3/16

All: 2.032+/-0.074 χ^2/NDF: 1160.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 25.096+/-0.118 χ^2/NDF: 622.9/15

Left Out: 15.001+/-0.237 χ^2/NDF:0.0/0

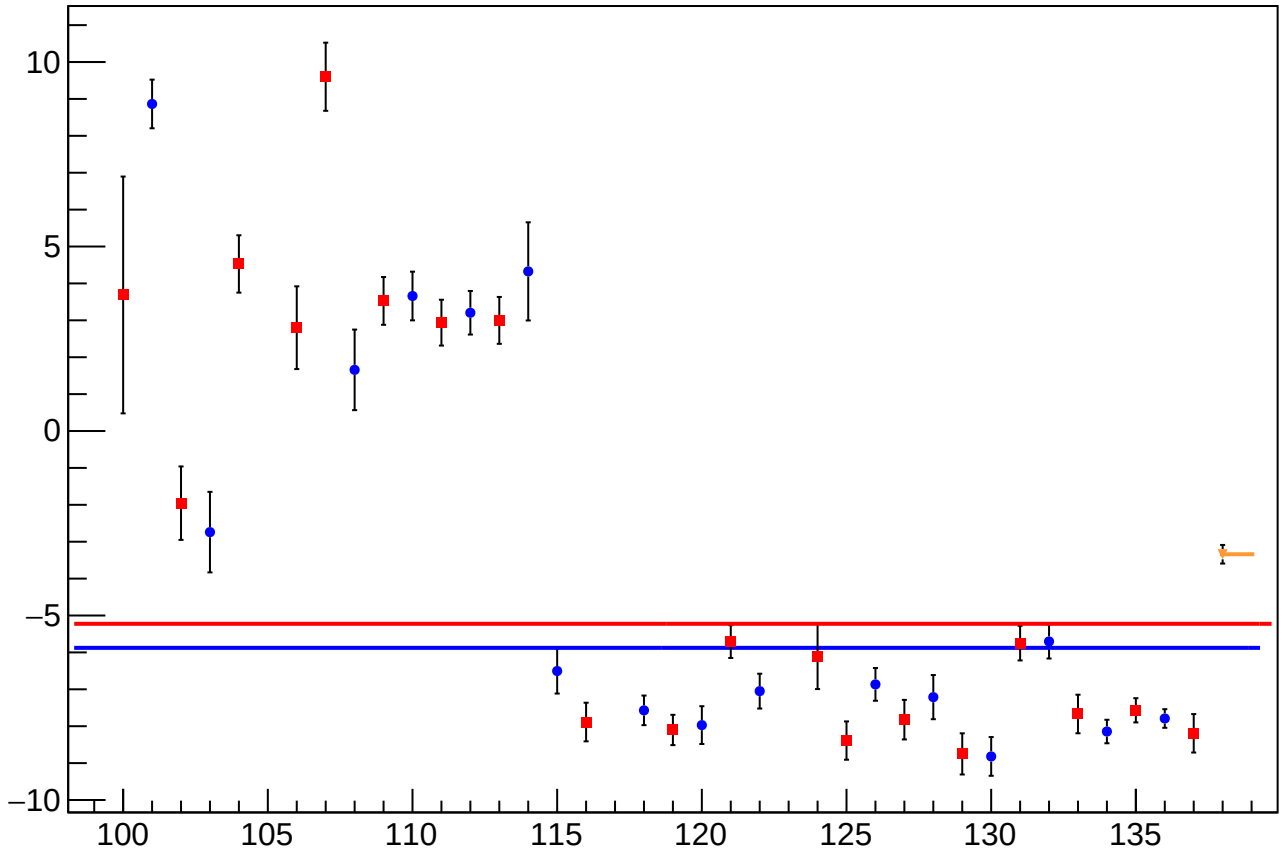
Right Out: 25.438+/-0.124 χ^2/NDF: 877.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 23.106+/-0.105 χ^2/NDF: 2077.4/16

All: 24.083+/-0.080 χ^2/NDF: 3160.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -5.876+/-0.121 χ^2/NDF: 1251.4/15

Left Out: -3.340+/-0.252 χ^2/NDF:0.0/0

Right Out: -5.225+/-0.129 χ^2/NDF: 1292.0/18

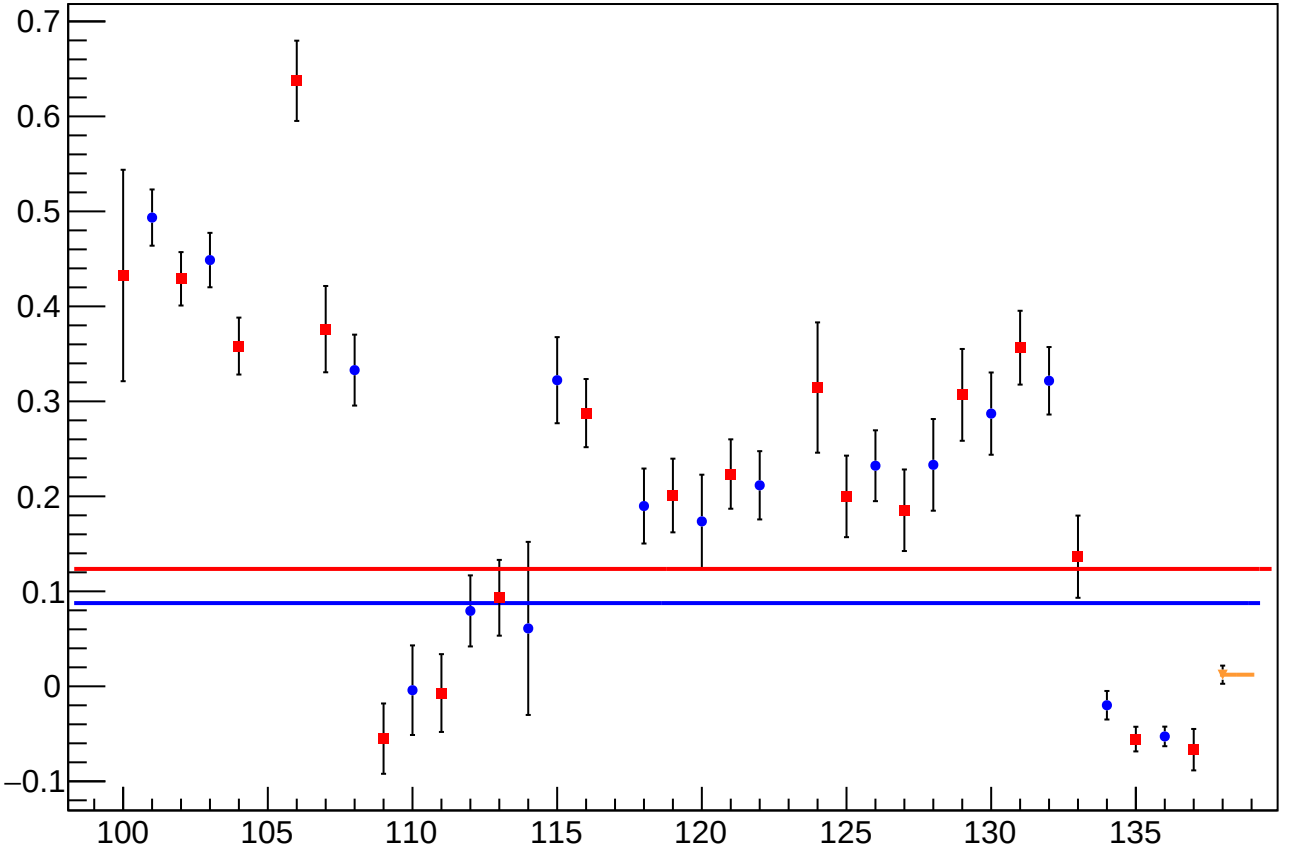
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.403+/-0.109 χ^2/NDF: 1333.8/16

All: -5.329+/-0.083 χ^2/NDF: 2626.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.088+/-0.007 χ^2/NDF: 768.0/15

Left Out: 0.012+/-0.010 χ^2/NDF:0.0/0

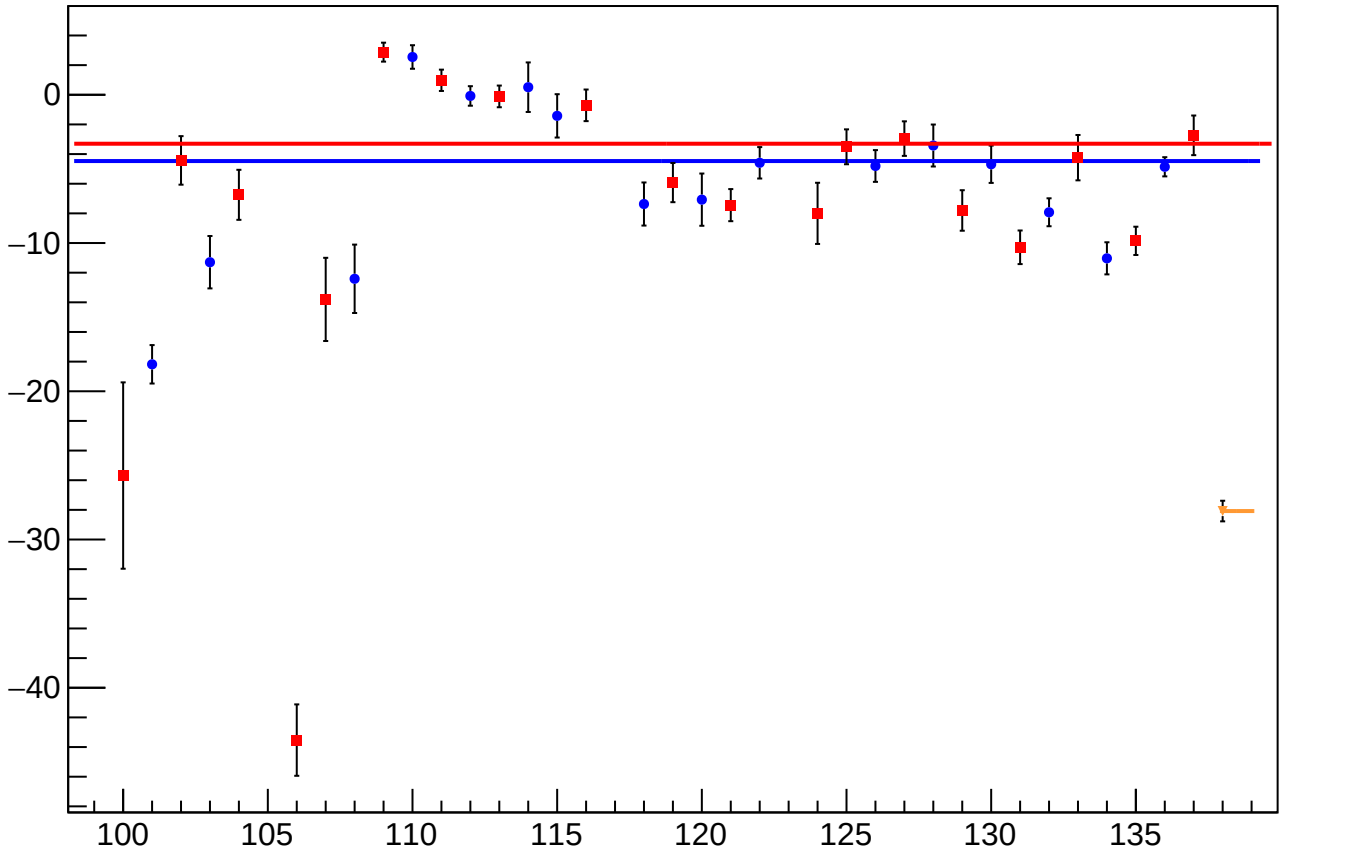
Right Out: 0.124+/-0.007 χ^2/NDF: 762.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.063+/-0.005 χ^2/NDF: 810.2/16

All: 0.085+/-0.004 χ^2/NDF: 1616.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -4.471+/-0.268 χ^2/NDF: 331.8/15

Left Out: -28.080+/-0.695 χ^2/NDF:0.0/0

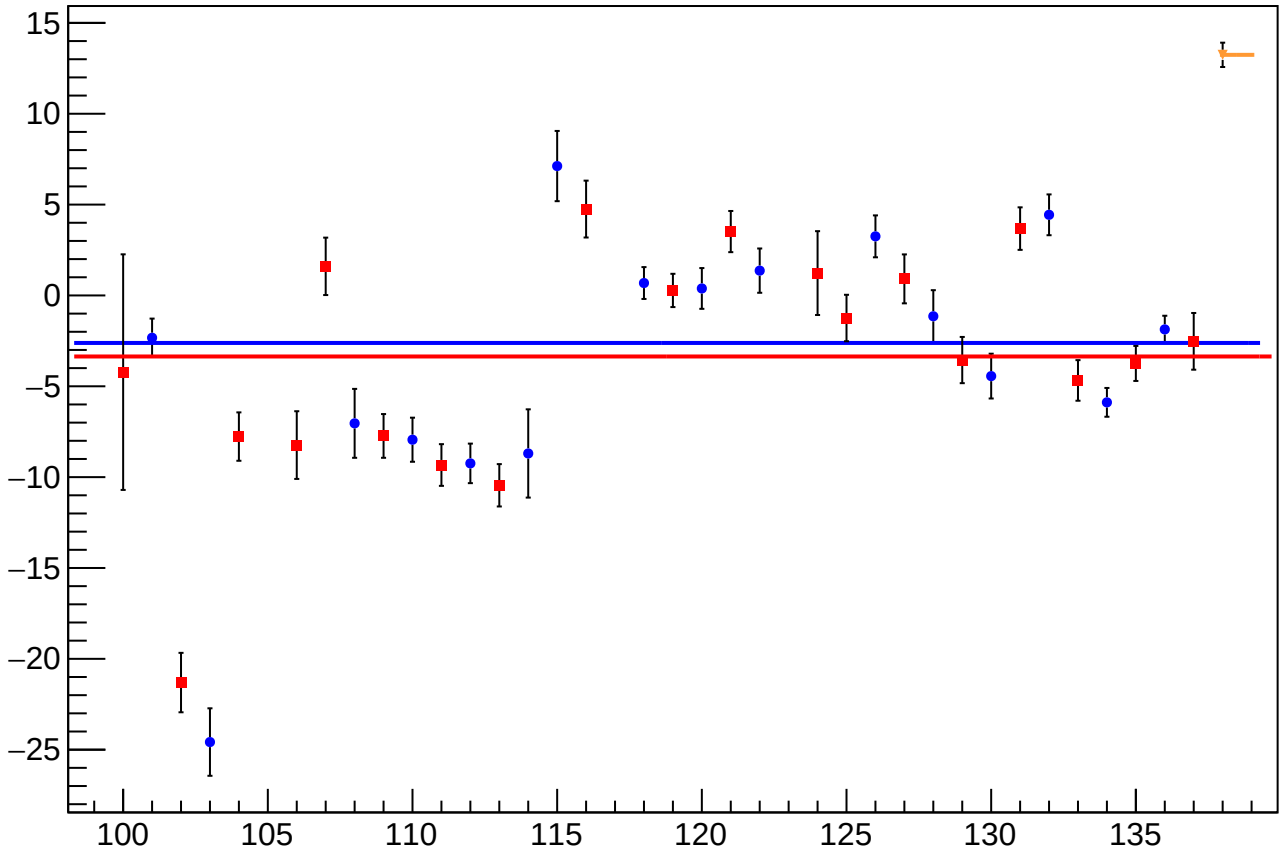
Right Out: -3.302+/-0.261 χ^2/NDF: 584.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.533+/-0.250 χ^2/NDF: 1335.3/16

All: -5.504+/-0.181 χ^2/NDF: 2056.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -2.615+/-0.286 χ^2/NDF: 351.9/15

Left Out: 13.242+/-0.670 χ^2/NDF:0.0/0

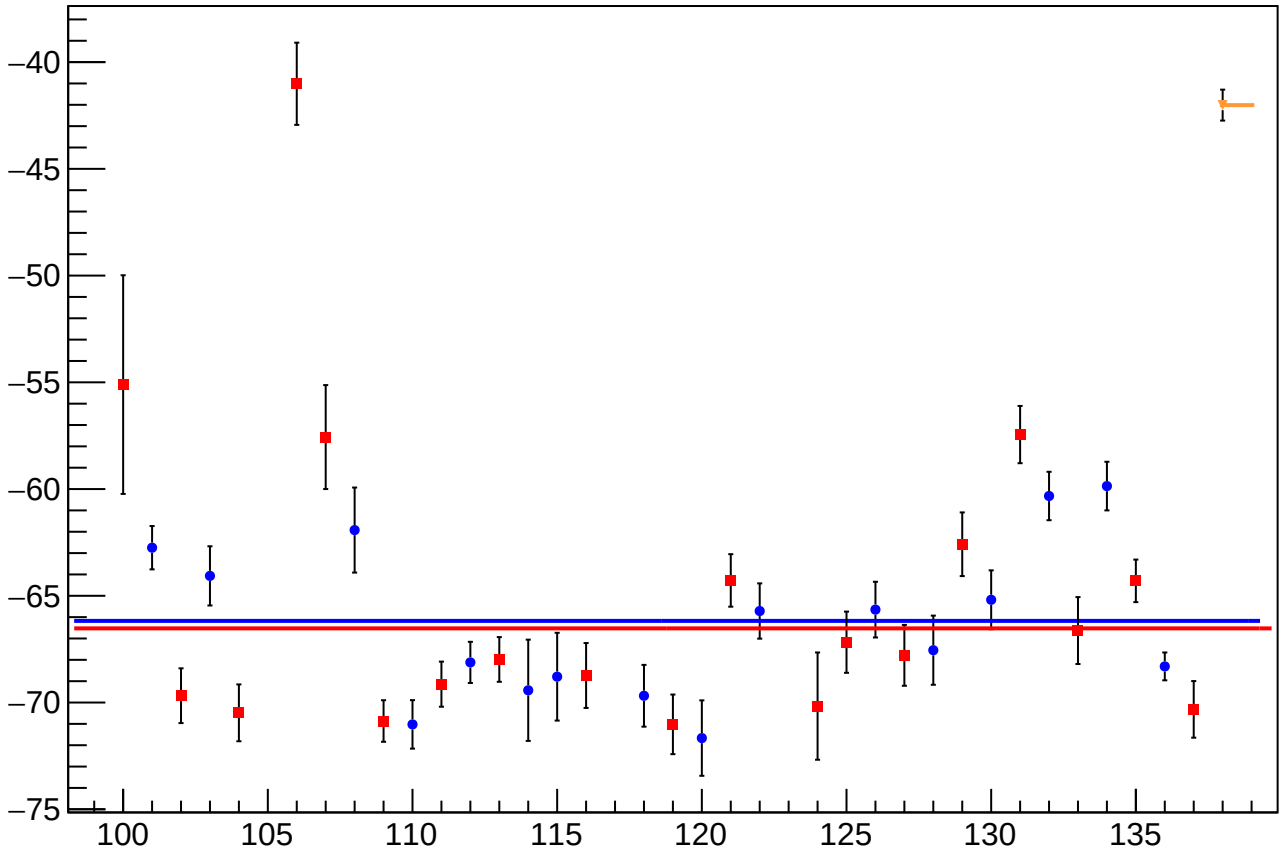
Right Out: -3.359+/-0.299 χ^2/NDF: 359.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.174+/-0.263 χ^2/NDF: 826.0/16

All: -1.564+/-0.197 χ^2/NDF: 1249.7/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -66.176+/-0.304 χ^2/NDF: 129.2/15

Left Out: -42.015+/-0.725 χ^2/NDF:0.0/0

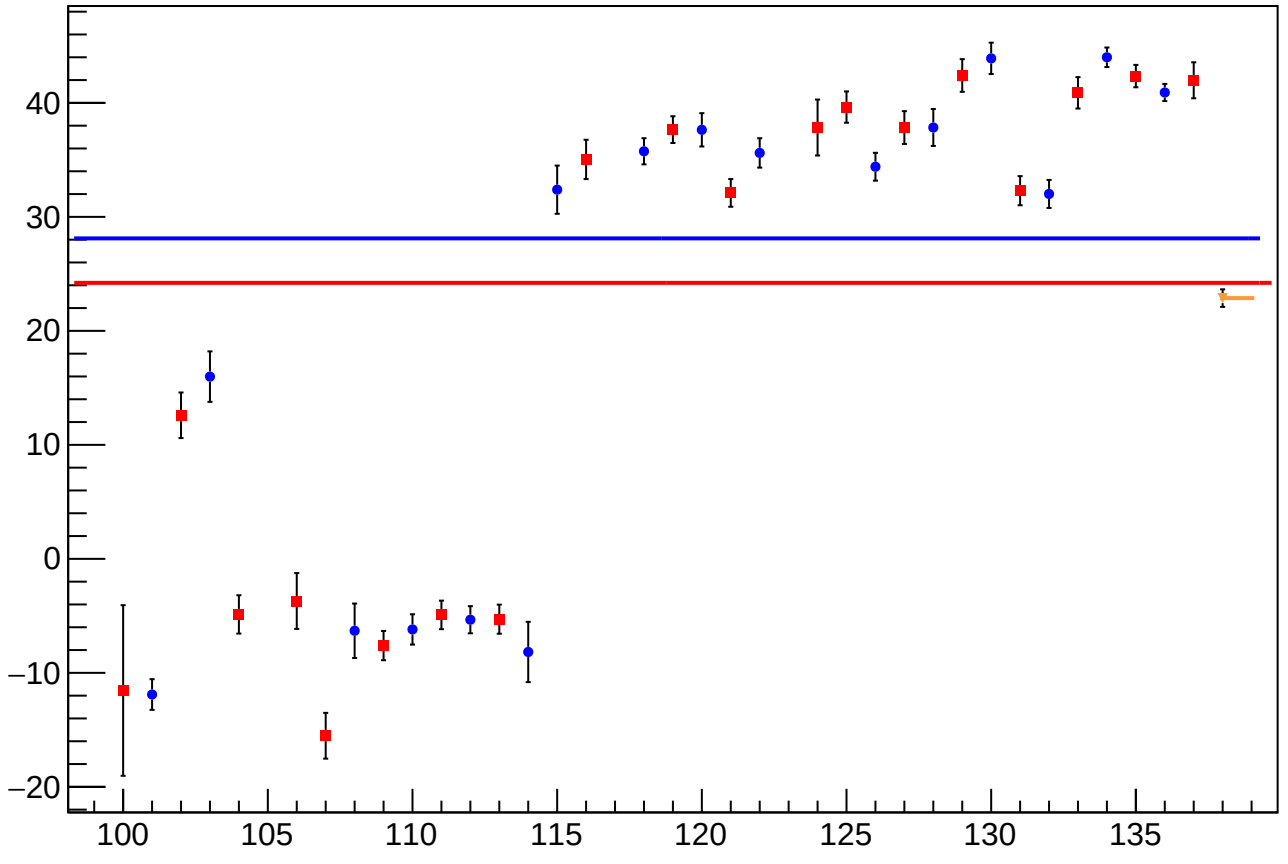
Right Out: -66.526+/-0.312 χ^2/NDF: 321.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -62.558+/-0.281 χ^2/NDF: 1073.1/16

All: -64.329+/-0.209 χ^2/NDF: 1484.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 28.112+/-0.320 χ^2/NDF: 3727.7/15

Left Out: 22.874+/-0.771 χ^2/NDF:0.0/0

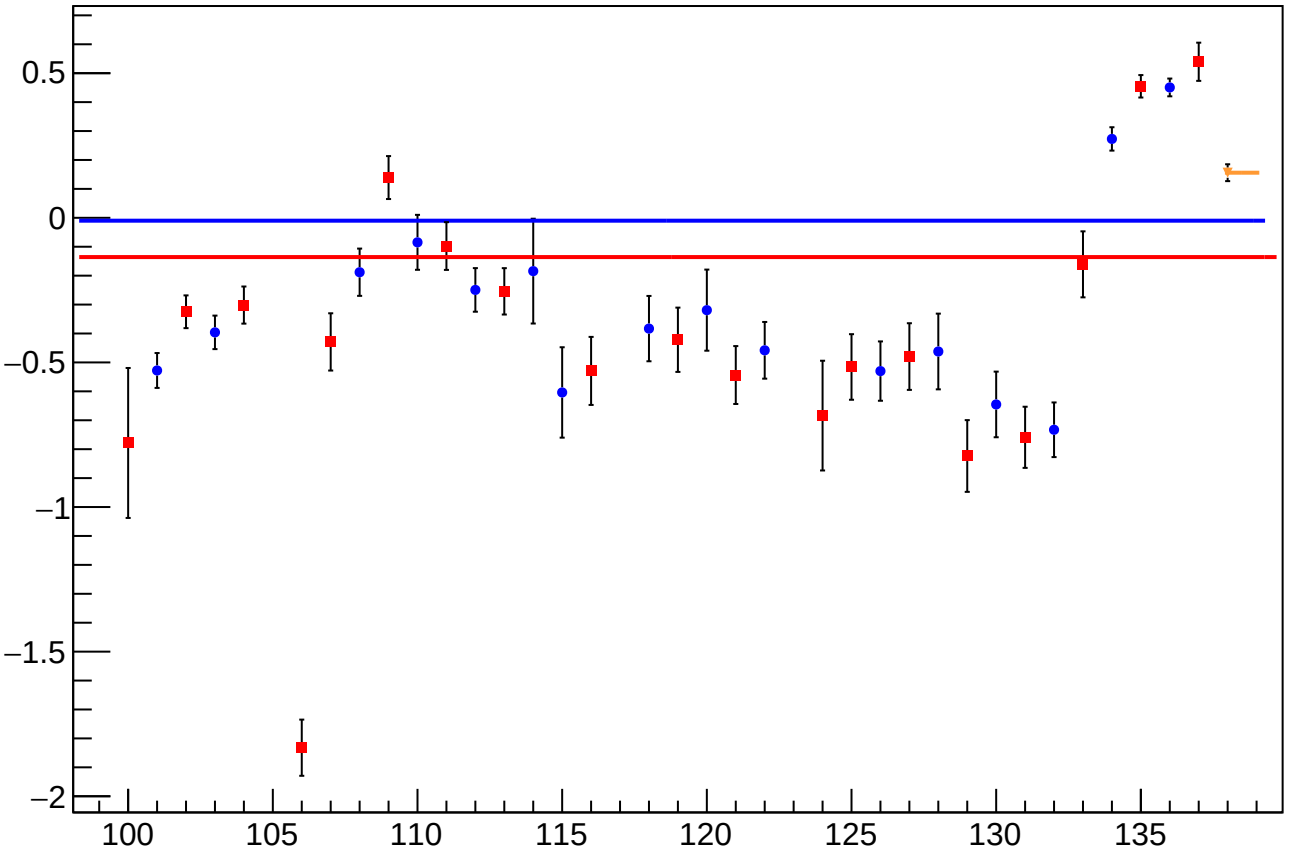
Right Out: 24.212+/-0.336 χ^2/NDF: 3841.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 27.343+/-0.296 χ^2/NDF: 3767.0/16

All: 25.976+/-0.222 χ^2/NDF: 7657.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.010+/-0.017 χ^2/NDF: 587.4/15

Left Out: 0.156+/-0.029 χ^2/NDF:0.0/0

Right Out: -0.136+/-0.019 χ^2/NDF: 818.5/18

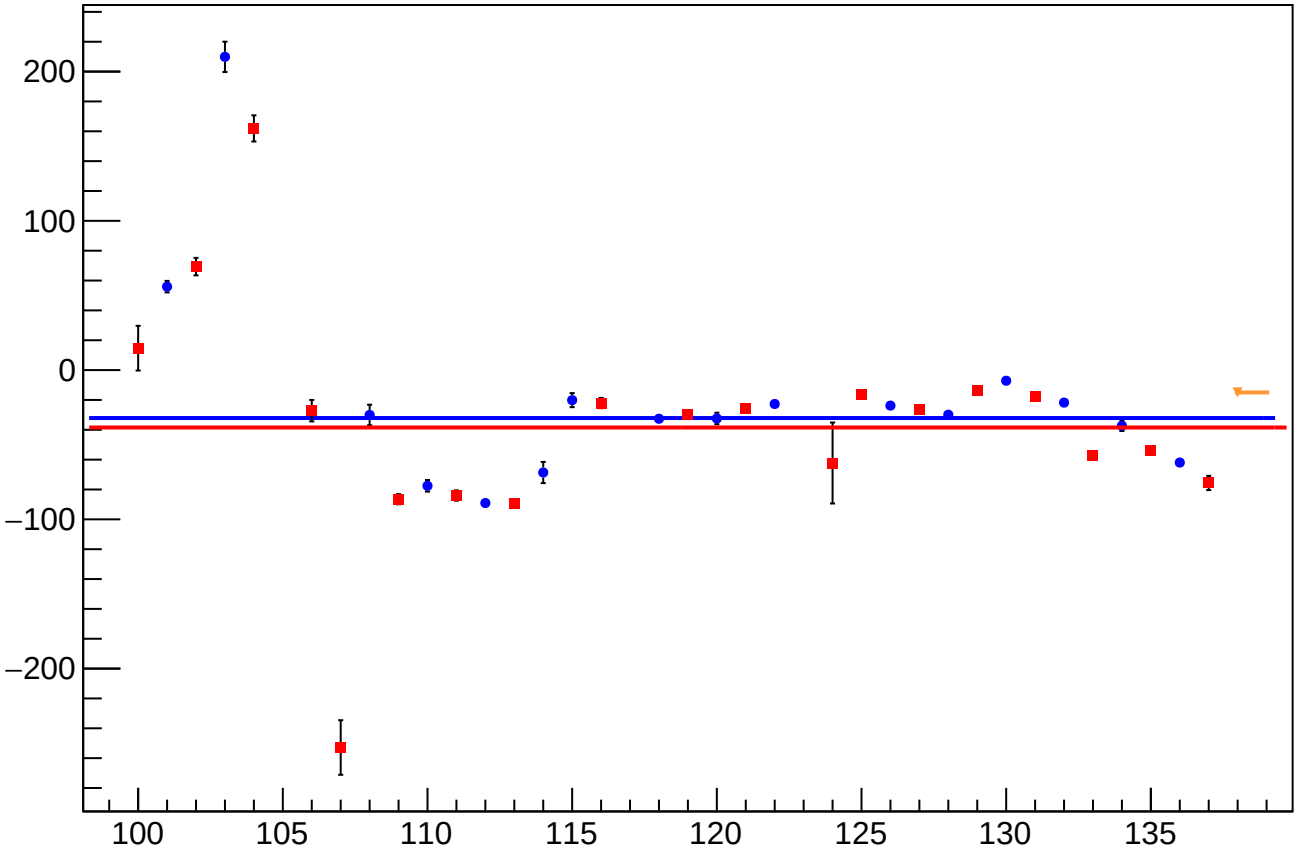
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.033+/-0.015 χ^2/NDF: 611.3/16

All: -0.032+/-0.012 χ^2/NDF: 1479.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -32.117+/-0.843 χ^2/NDF: 1877.5/15

Left Out: -14.976+/-2.439 χ^2/NDF:0.0/0

Right Out: -38.462+/-0.864 χ^2/NDF: 1972.5/18

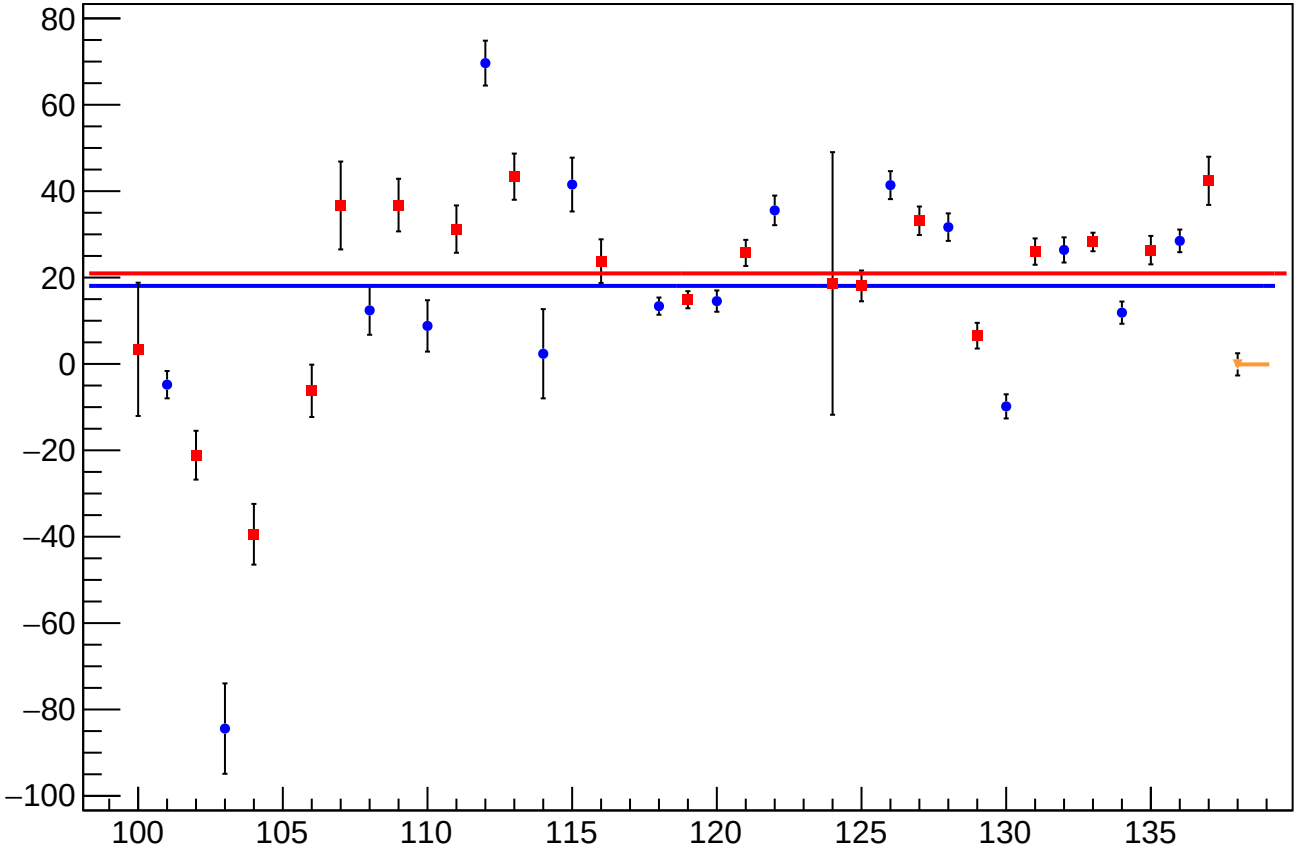
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -30.289+/-0.797 χ^2/NDF: 1921.6/16

All: -34.041+/-0.586 χ^2/NDF: 3942.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 18.068+/-0.823 χ^2/NDF: 499.6/15

Left Out: -0.099+/-2.572 χ^2/NDF:0.0/0

Right Out: 20.959+/-0.868 χ^2/NDF: 262.6/18

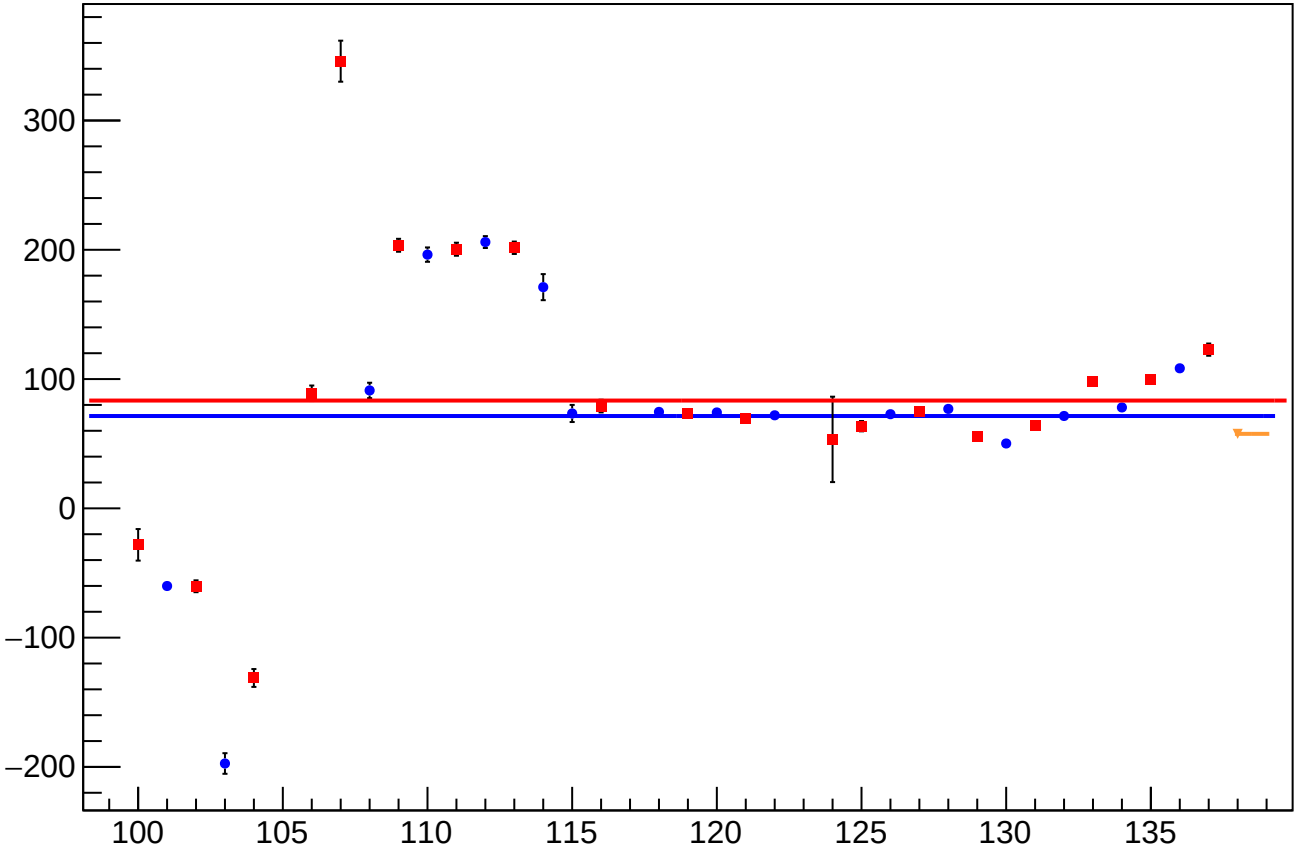
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.382+/-0.784 χ^2/NDF: 544.8/16

All: 18.436+/-0.582 χ^2/NDF: 822.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 71.421+/-0.931 χ^2/NDF: 4819.6/15

Left Out: 57.623+/-2.546 χ^2/NDF:0.0/0

Right Out: 83.385+/-0.985 χ^2/NDF: 4297.3/18

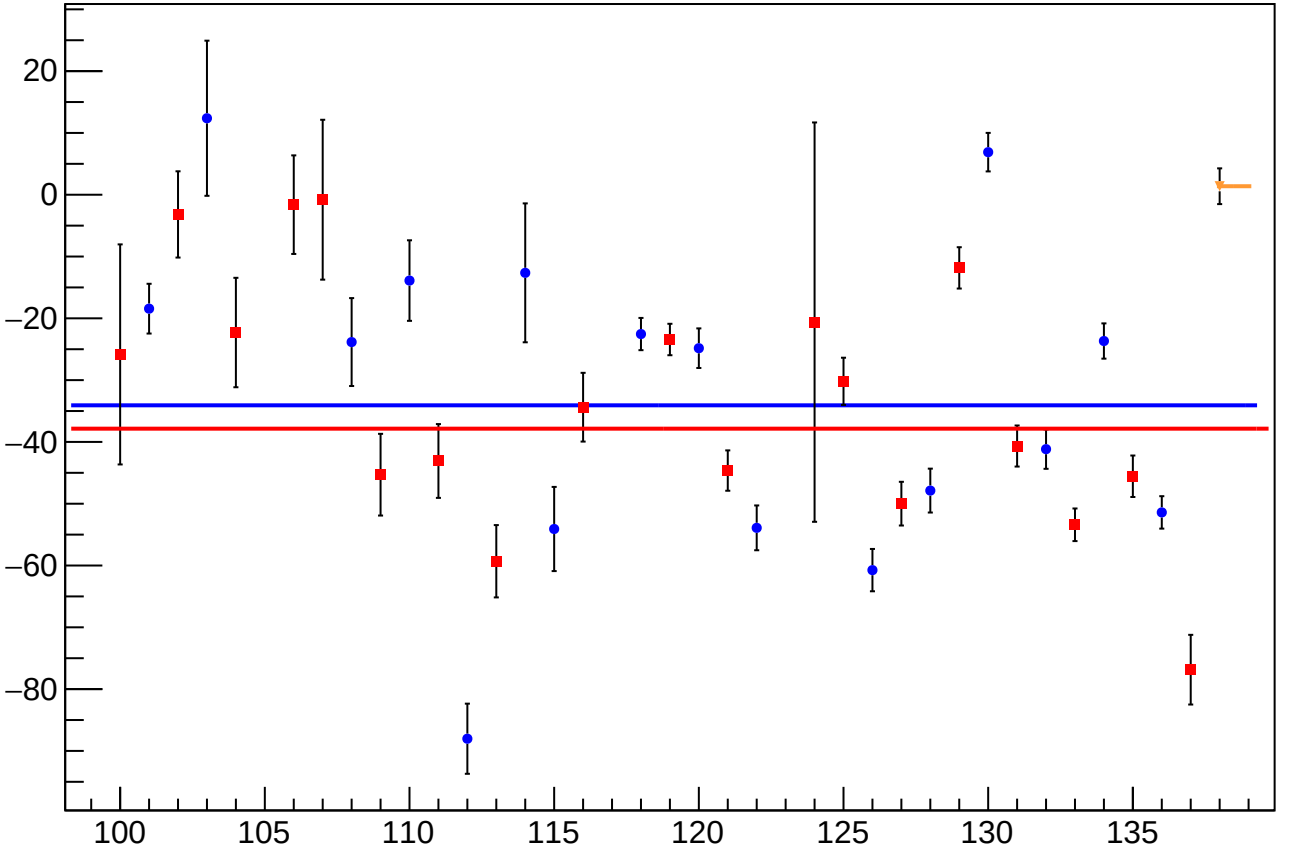
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 69.794+/-0.875 χ^2/NDF: 4845.5/16

All: 75.784+/-0.654 χ^2/NDF: 9249.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -34.077+/-0.942 χ^2/NDF: 511.2/15

Left Out: 1.376+/-2.893 χ^2/NDF:0.0/0

Right Out: -37.855+/-0.994 χ^2/NDF: 274.6/18

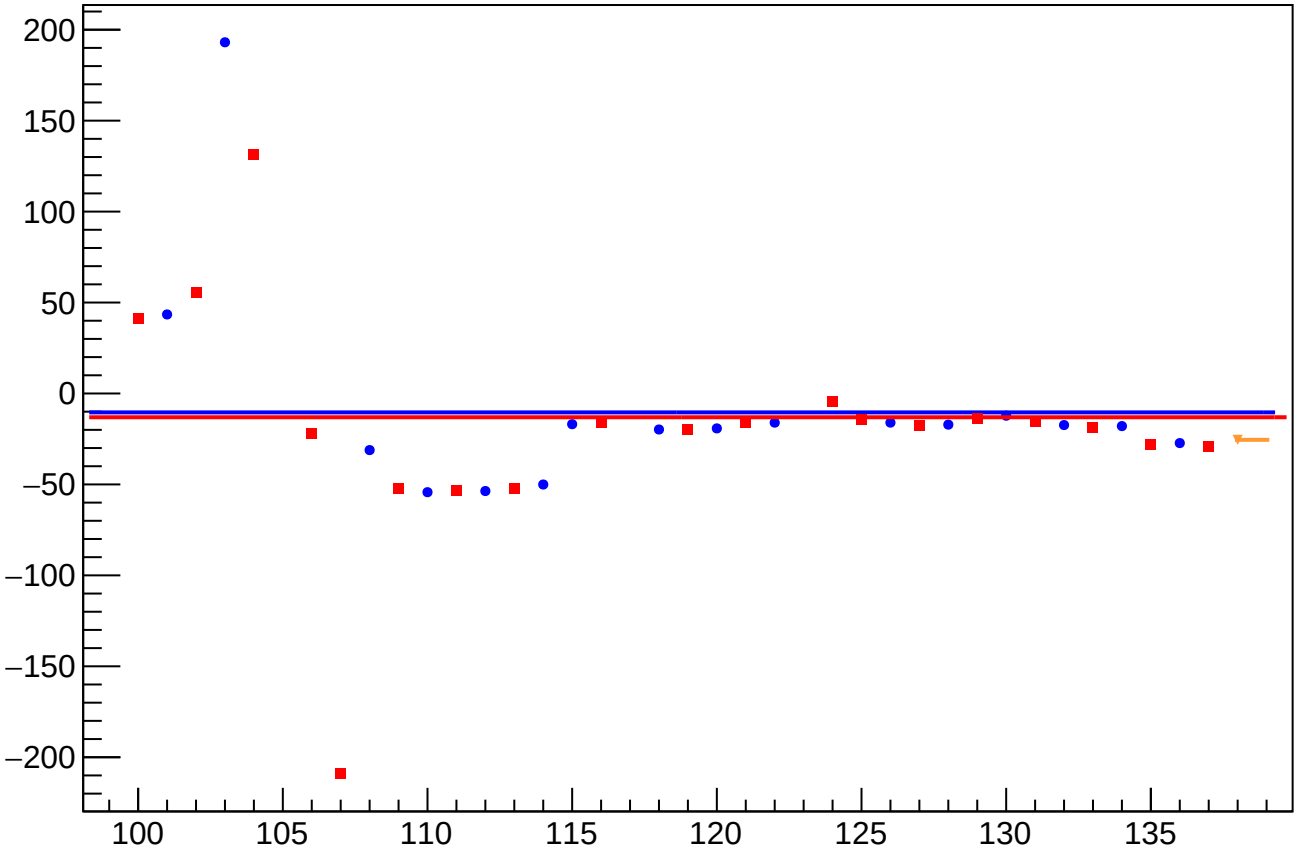
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -30.676+/-0.896 χ^2/NDF: 647.0/16

All: -33.894+/-0.665 χ^2/NDF: 950.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -10.400+/-0.057 χ^2/NDF: 522334.6/15

Left Out: -25.479+/-0.100 χ^2/NDF:0.0/0

Right Out: -13.074+/-0.063 χ^2/NDF: 449609.3/18

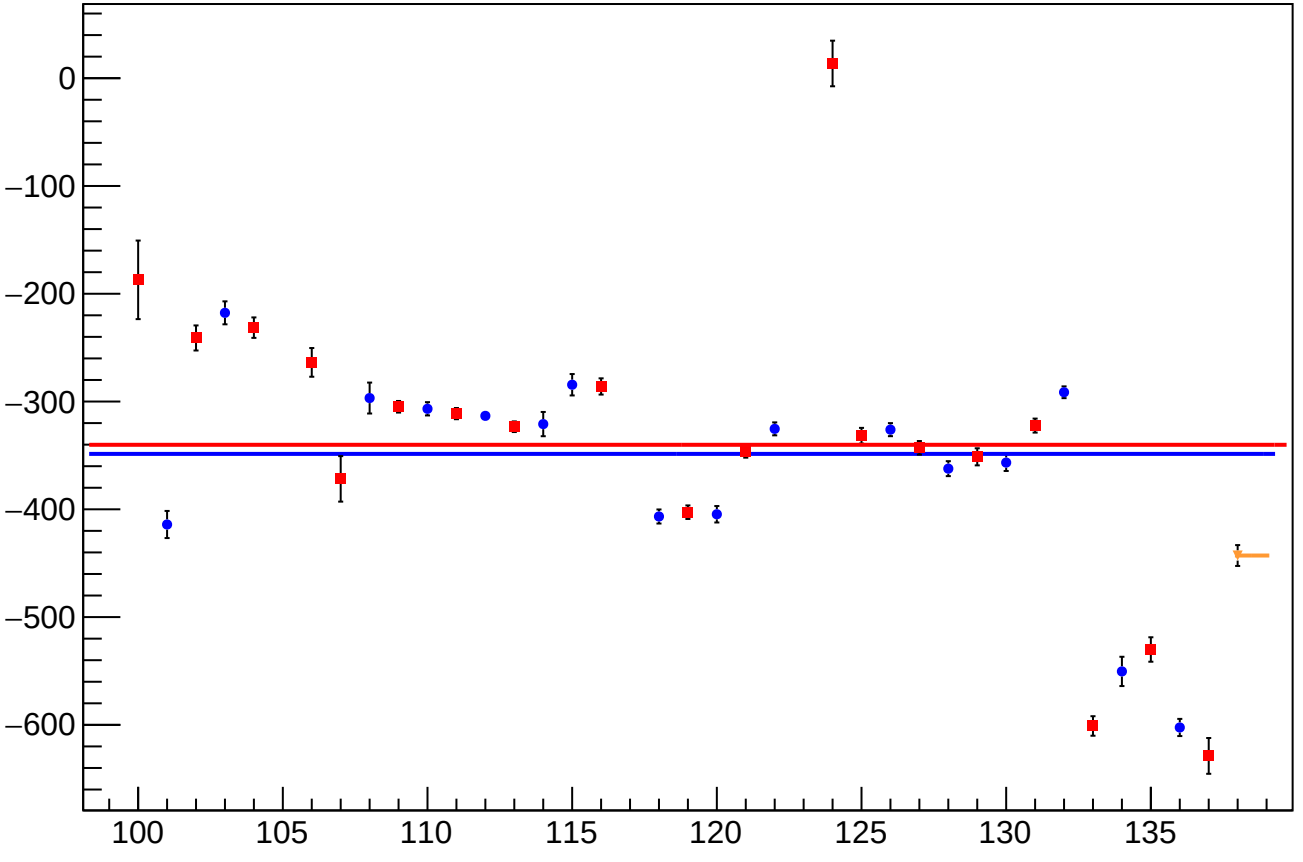
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -14.069+/-0.049 χ^2/NDF: 539471.1/16

All: -13.687+/-0.039 χ^2/NDF: 989236.1/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -348.586+/-1.825 χ^2/NDF: 1858.3/15

Left Out: -442.880+/-9.680 χ^2/NDF:0.0/0

Right Out: -340.144+/-1.759 χ^2/NDF: 2197.1/18

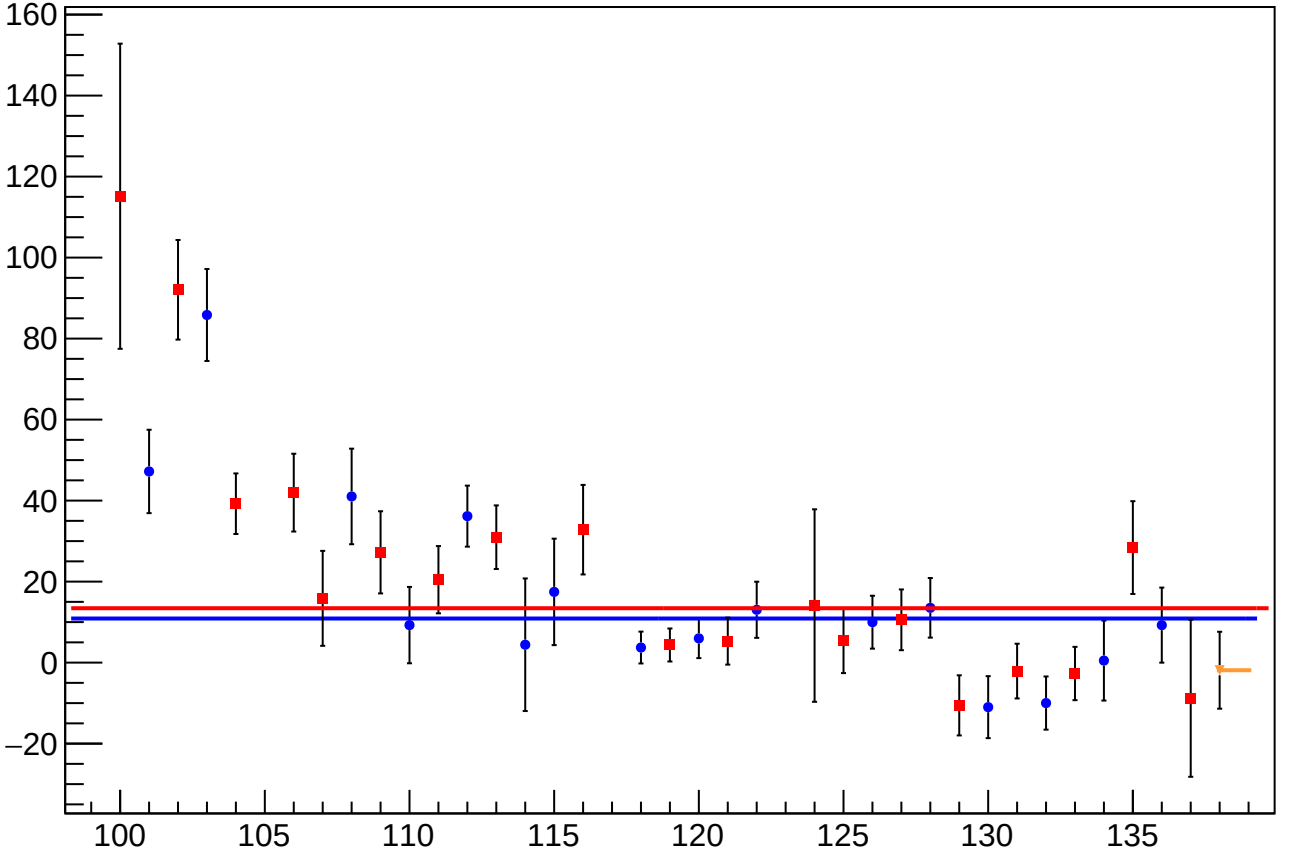
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -351.822+/-1.793 χ^2/NDF: 1949.9/16

All: -345.872+/-1.256 χ^2/NDF: 4168.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 10.888+/-1.843 χ^2/NDF: 98.2/15

Left Out: -1.882+/-9.498 χ^2/NDF:0.0/0

Right Out: 13.427+/-1.854 χ^2/NDF: 112.4/18

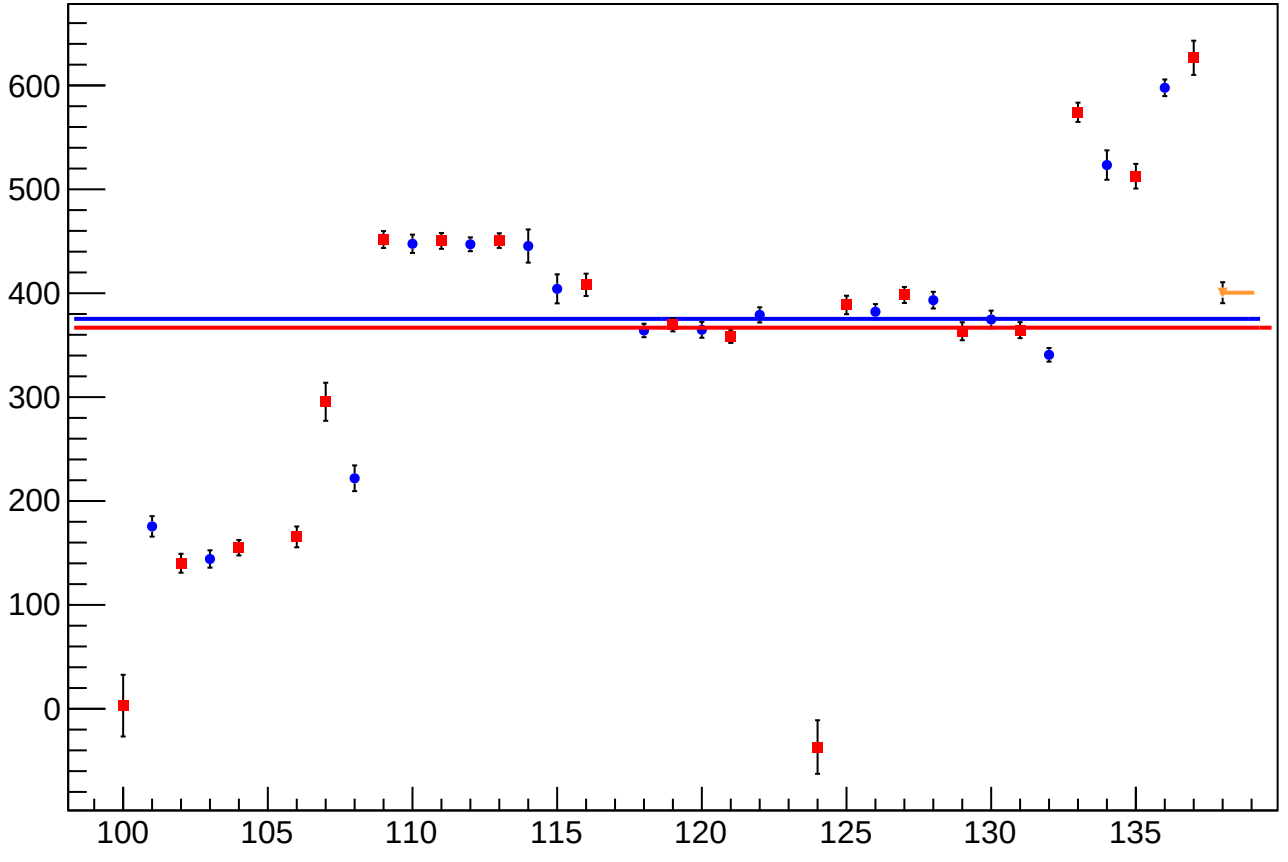
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.425+/-1.809 χ^2/NDF: 100.0/16

All: 11.889+/-1.295 χ^2/NDF: 213.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 375.321+/-2.103 χ^2/NDF: 2449.5/15

Left Out: 400.509+/-10.099 χ^2/NDF:0.0/0

Right Out: 366.830+/-2.049 χ^2/NDF: 3541.1/18

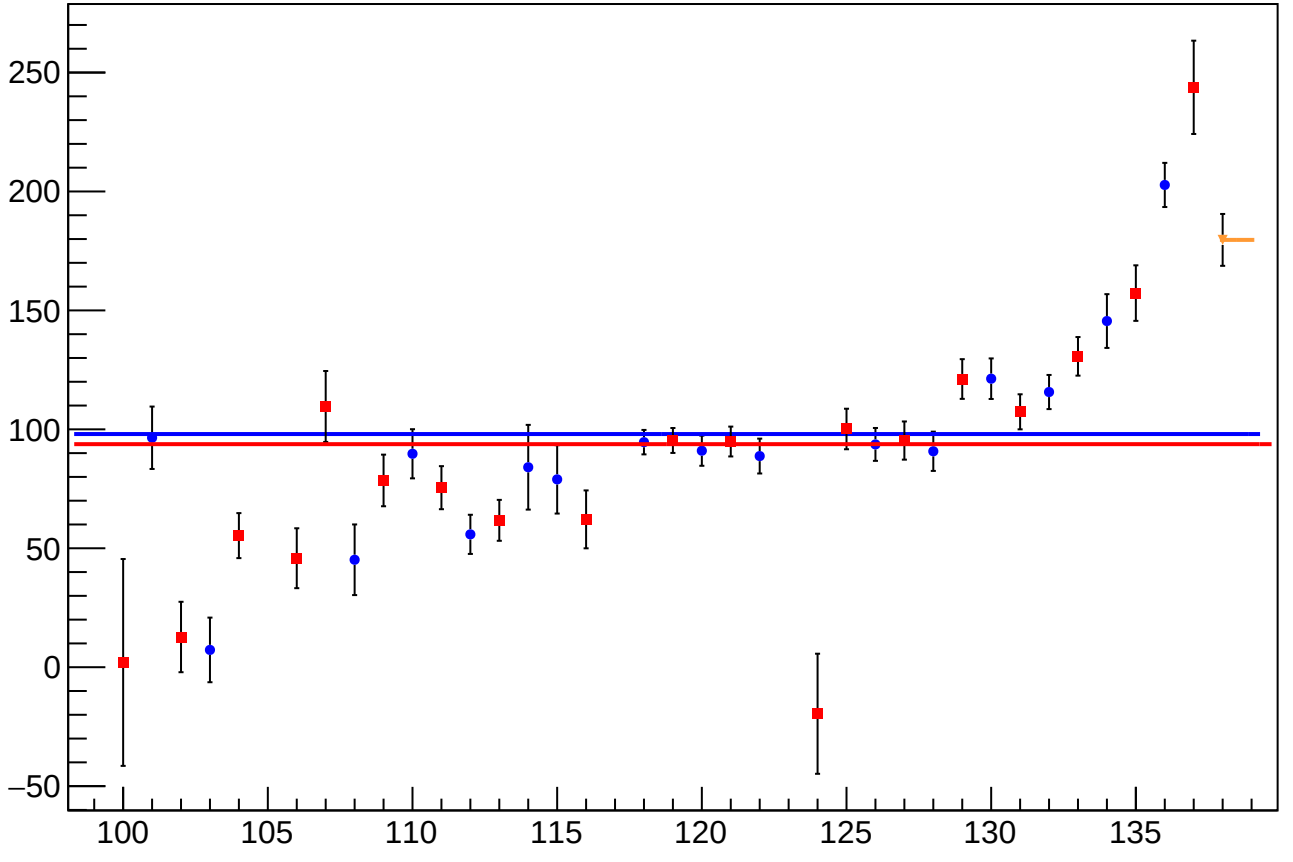
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 376.367+/-2.059 χ^2/NDF: 2455.4/16

All: 371.577+/-1.452 χ^2/NDF: 6007.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 98.021+/-2.144 χ^2/NDF: 249.5/15

Left Out: 179.645+/-10.905 χ^2/NDF:0.0/0

Right Out: 93.771+/-2.138 χ^2/NDF: 237.1/18

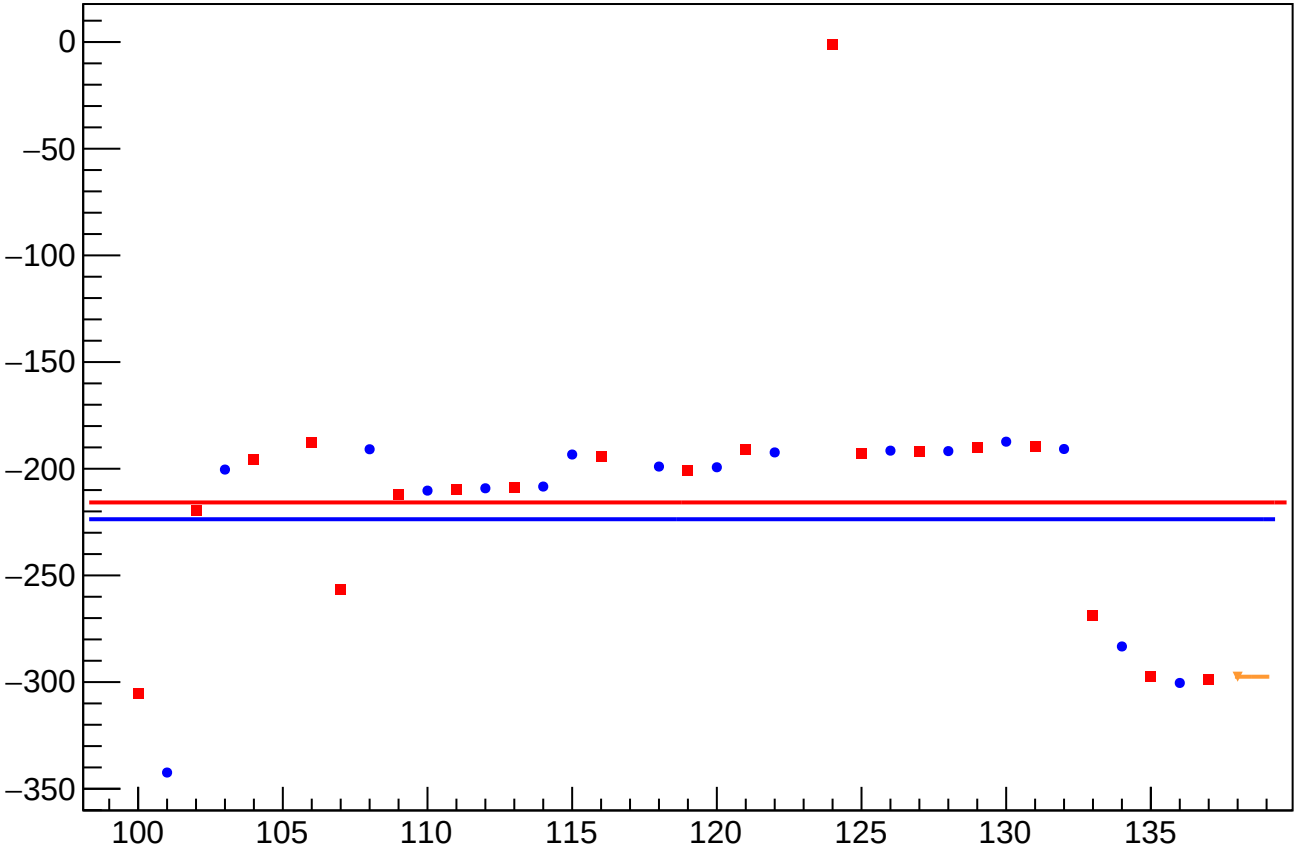
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 101.059+/-2.104 χ^2/NDF: 303.4/16

All: 97.474+/-1.500 χ^2/NDF: 546.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -223.666+/-0.138 χ^2/NDF: 121528.3/15

Left Out: -297.479+/-0.406 χ^2/NDF:0.0/0

Right Out: -215.797+/-0.134 χ^2/NDF: 81516.6/18

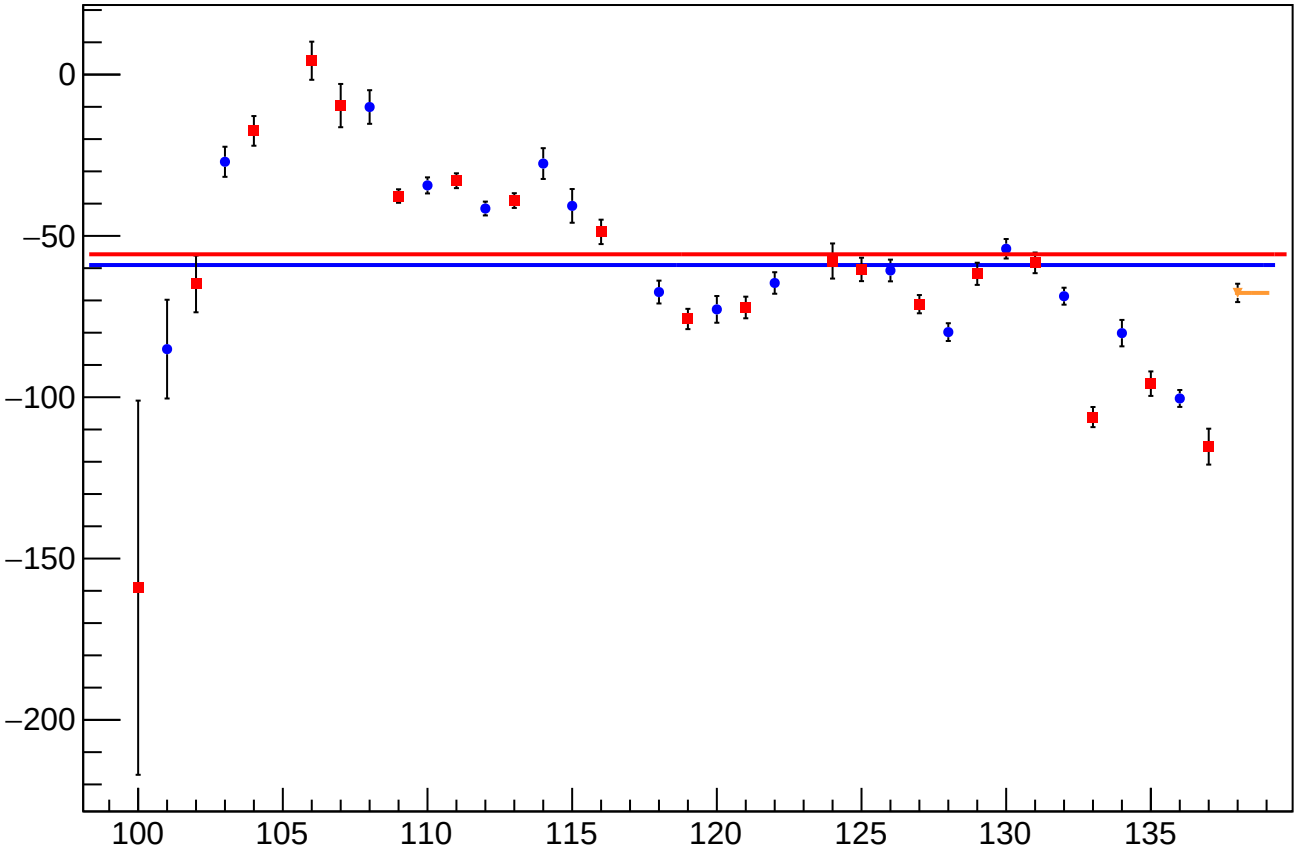
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -231.328+/-0.131 χ^2/NDF: 151102.7/16

All: -223.761+/-0.094 χ^2/NDF: 239477.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -59.030+/-0.829 χ^2/NDF: 727.3/15

Left Out: -67.670+/-2.844 χ^2/NDF:0.0/0

Right Out: -55.701+/-0.790 χ^2/NDF: 1041.1/18

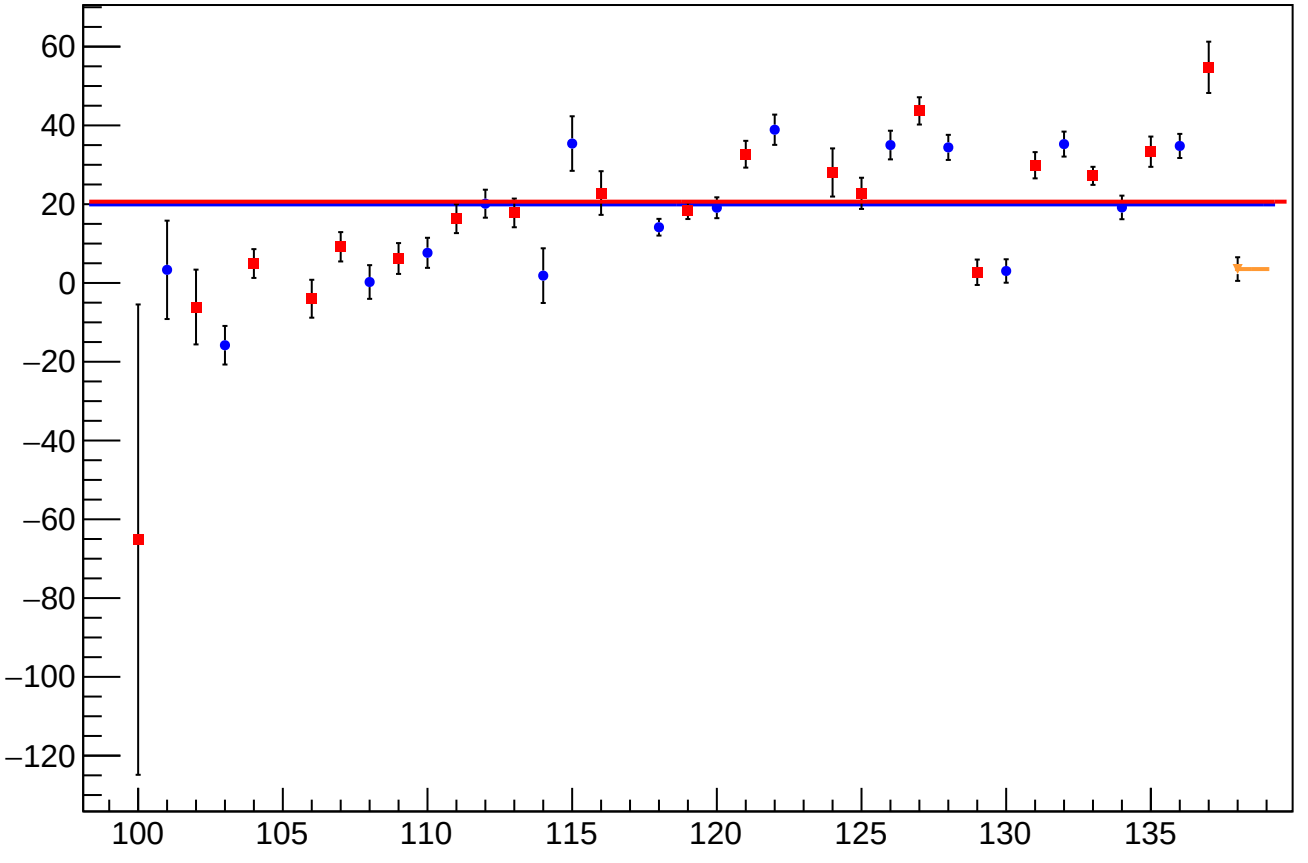
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -59.707+/-0.796 χ^2/NDF: 735.8/16

All: -57.688+/-0.561 χ^2/NDF: 1789.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 19.946+/-0.867 χ^2/NDF: 247.2/15

Left Out: 3.529+/-3.000 χ^2/NDF:0.0/0

Right Out: 20.643+/-0.844 χ^2/NDF: 224.8/18

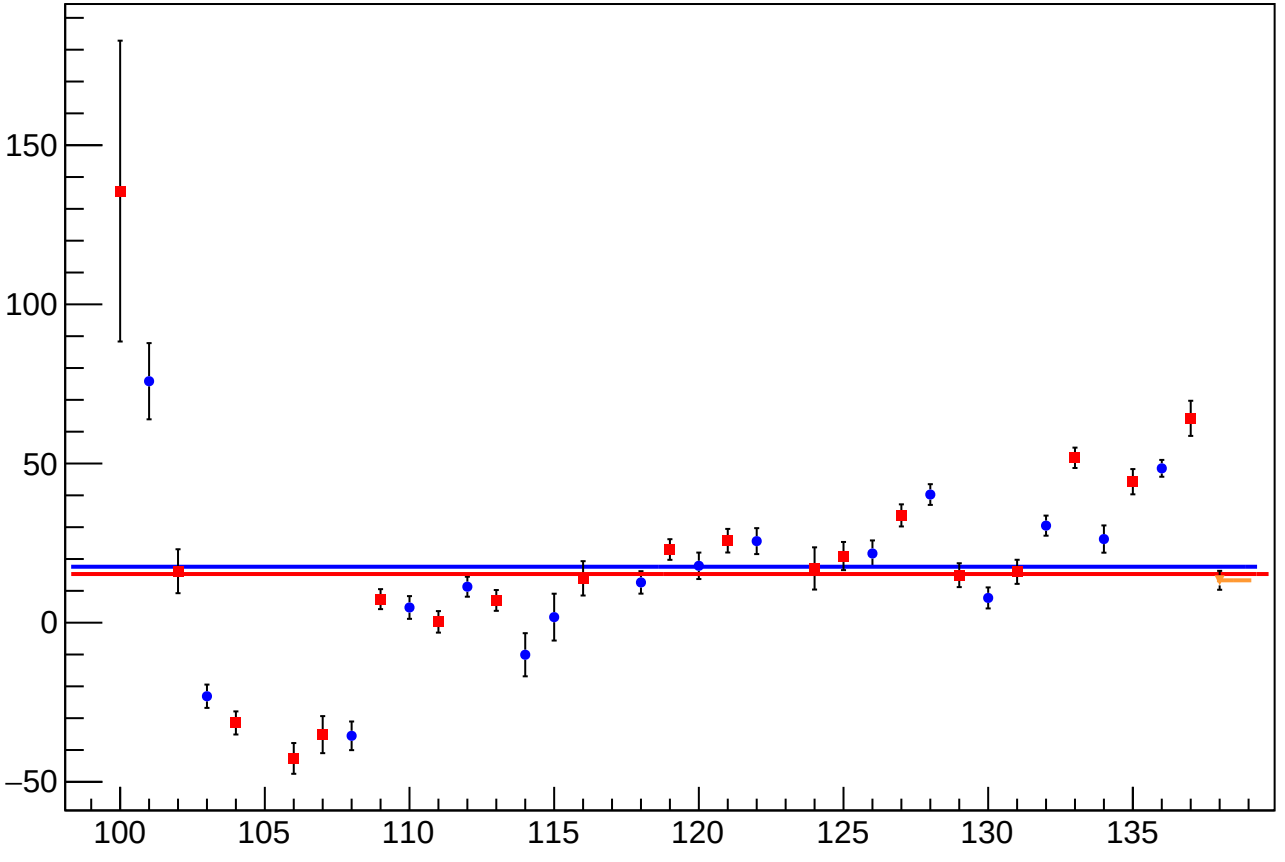
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 18.679+/-0.833 χ^2/NDF: 274.8/16

All: 19.649+/-0.593 χ^2/NDF: 502.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 17.574+/-0.957 χ^2/NDF: 546.2/15

Left Out: 13.305+/-2.969 χ^2/NDF:0.0/0

Right Out: 15.283+/-0.934 χ^2/NDF: 730.0/18

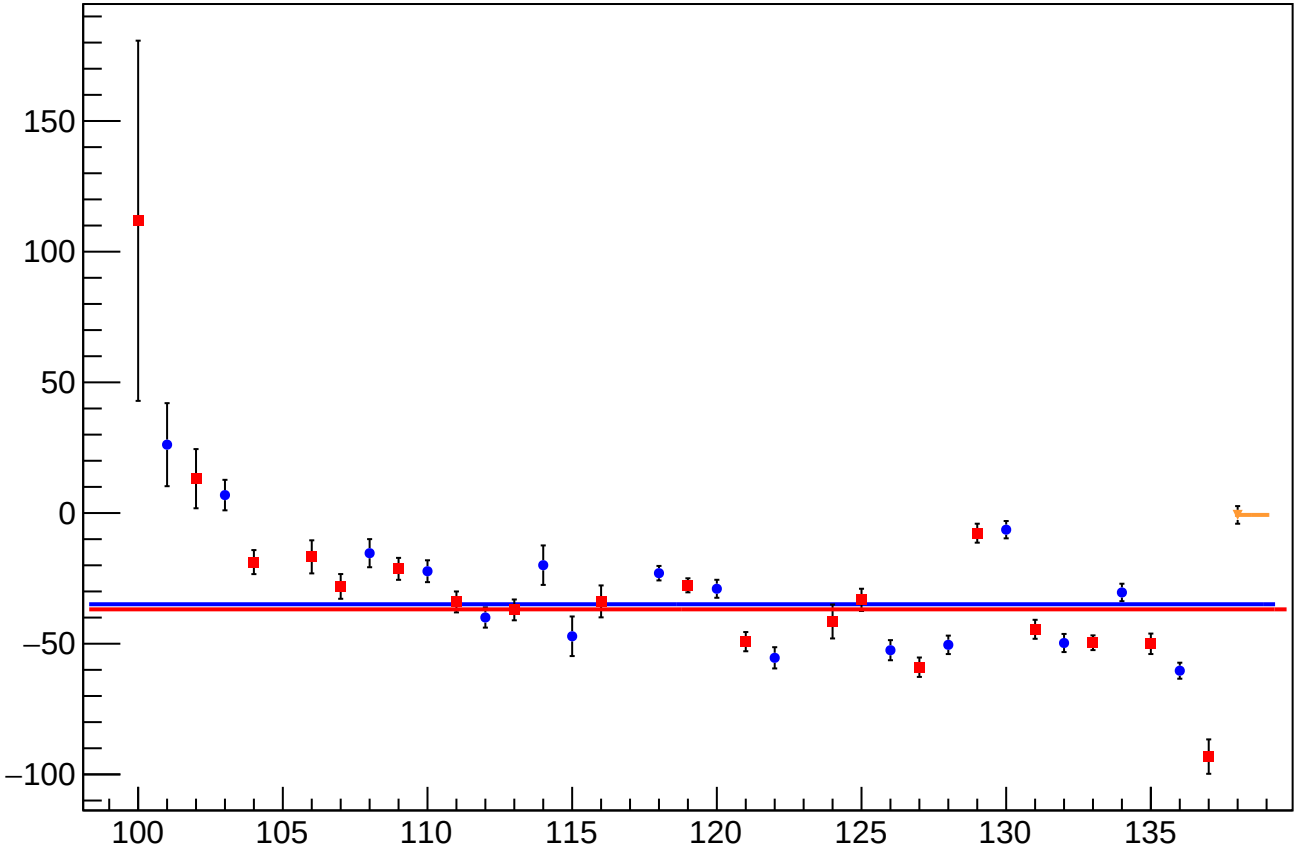
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 17.173+/-0.911 χ^2/NDF: 548.0/16

All: 16.252+/-0.652 χ^2/NDF: 1280.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -34.899+/-0.990 χ^2/NDF: 346.6/15

Left Out: -0.720+/-3.374 χ^2/NDF:0.0/0

Right Out: -36.853+/-0.970 χ^2/NDF: 301.4/18

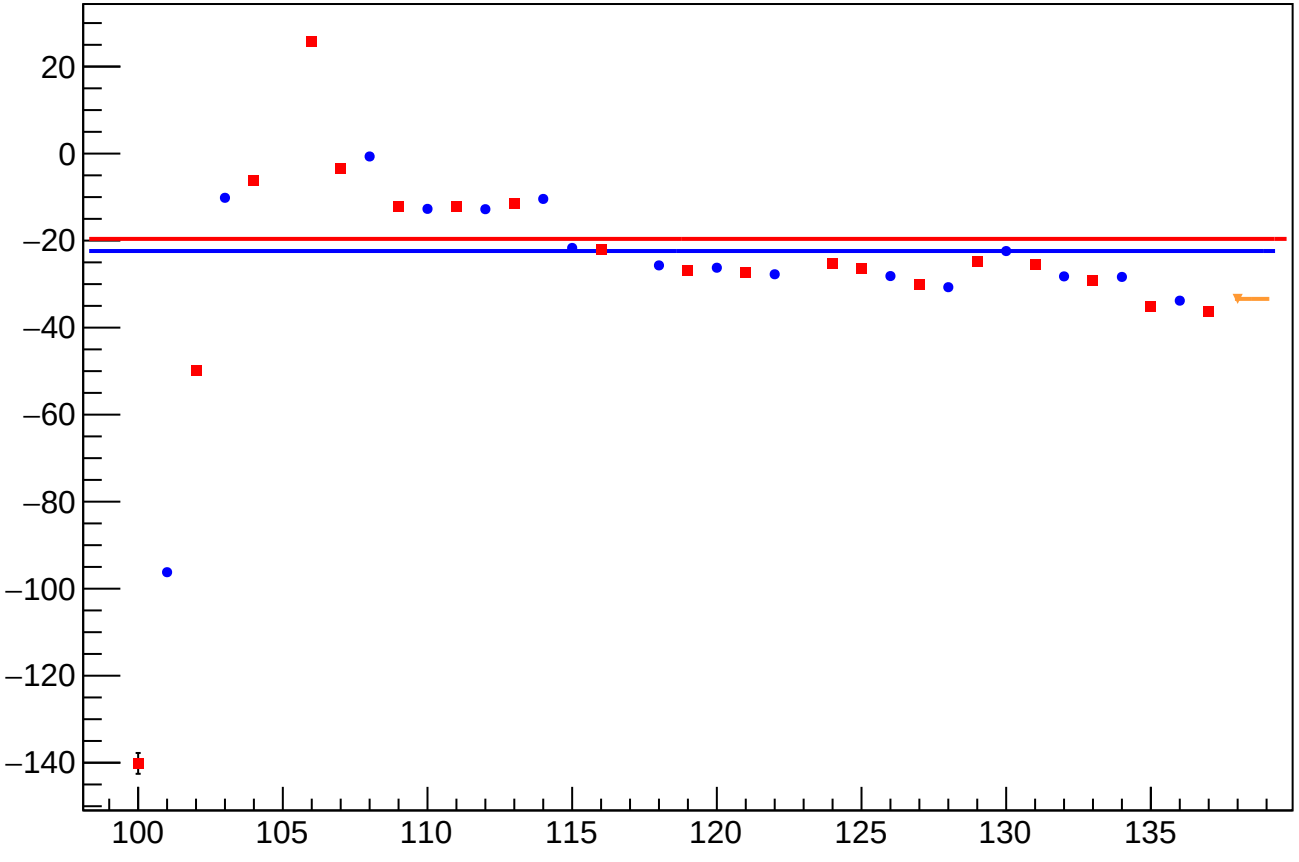
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -32.188+/-0.950 χ^2/NDF: 441.1/16

All: -34.474+/-0.679 χ^2/NDF: 754.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -22.394+/-0.058 χ^2/NDF: 46519.7/15

Left Out: -33.394+/-0.117 χ^2/NDF:0.0/0

Right Out: -19.605+/-0.059 χ^2/NDF: 83865.7/18

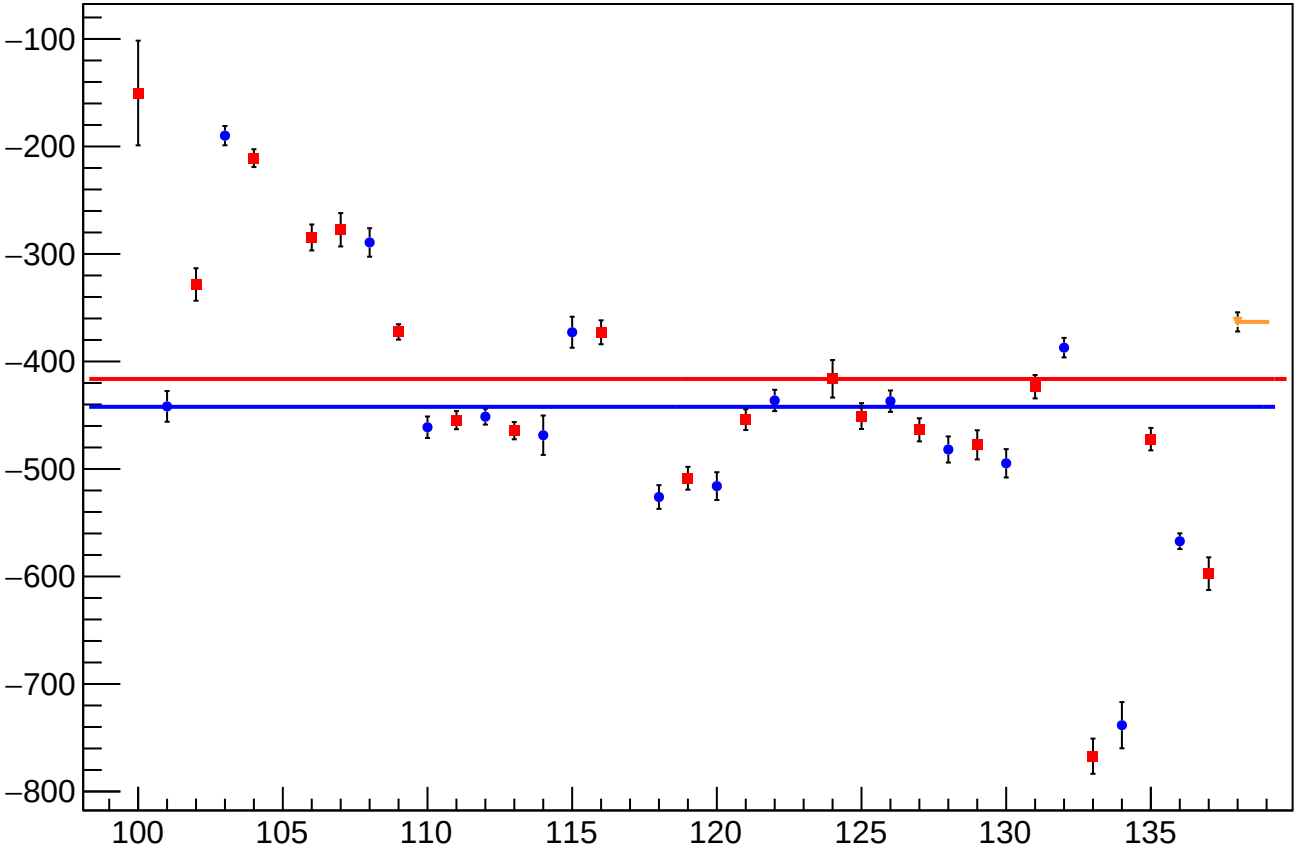
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -24.588+/-0.052 χ^2/NDF: 53623.9/16

All: -22.421+/-0.039 χ^2/NDF: 141459.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -442.182+/-2.682 χ^2/NDF: 1589.1/15

Left Out: -363.167+/-8.930 χ^2/NDF:0.0/0

Right Out: -416.259+/-2.523 χ^2/NDF: 1753.8/18

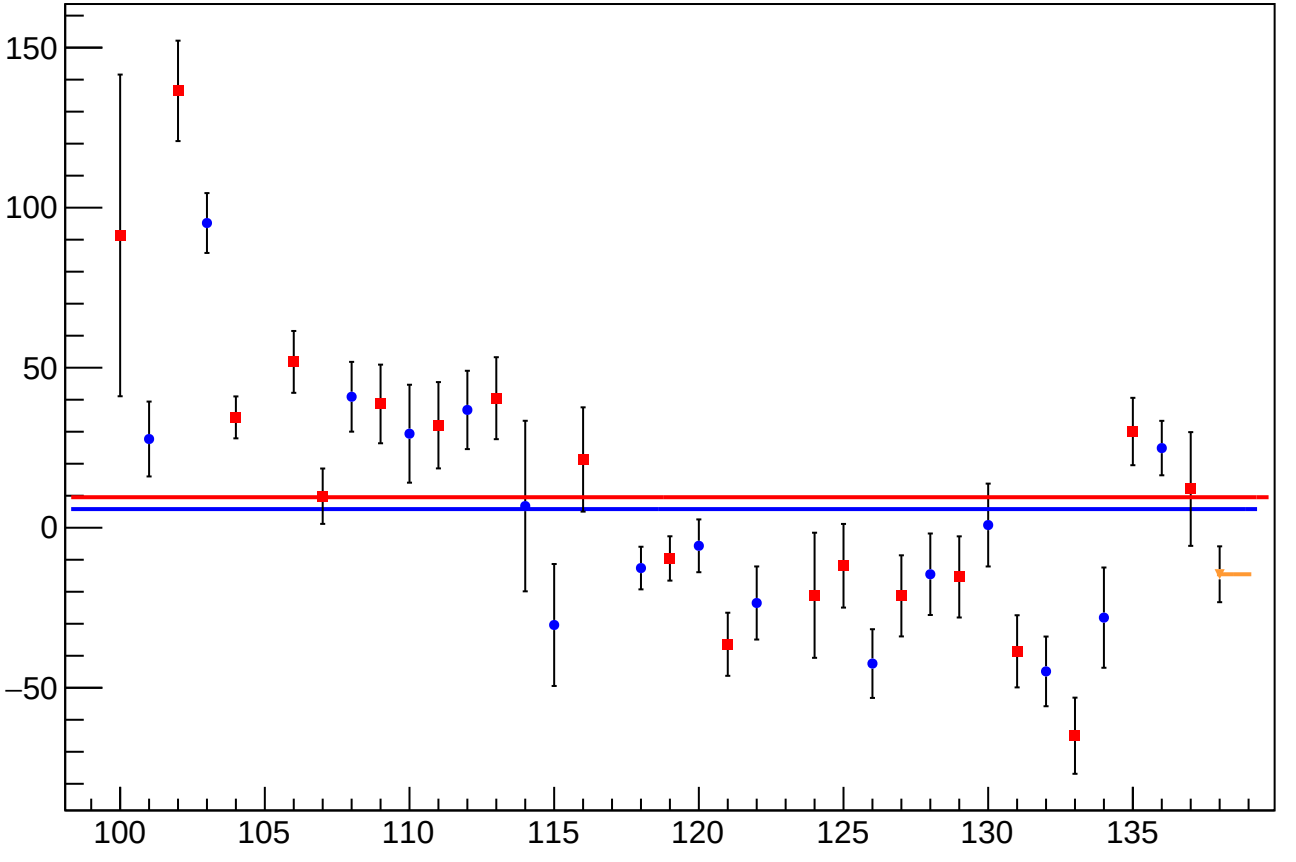
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -435.646+/-2.568 χ^2/NDF: 1660.9/16

All: -425.778+/-1.800 χ^2/NDF: 3443.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 5.824+/-2.728 χ^2/NDF: 188.1/15

Left Out: -14.538+/-8.726 χ^2/NDF:0.0/0

Right Out: 9.536+/-2.556 χ^2/NDF: 222.2/18

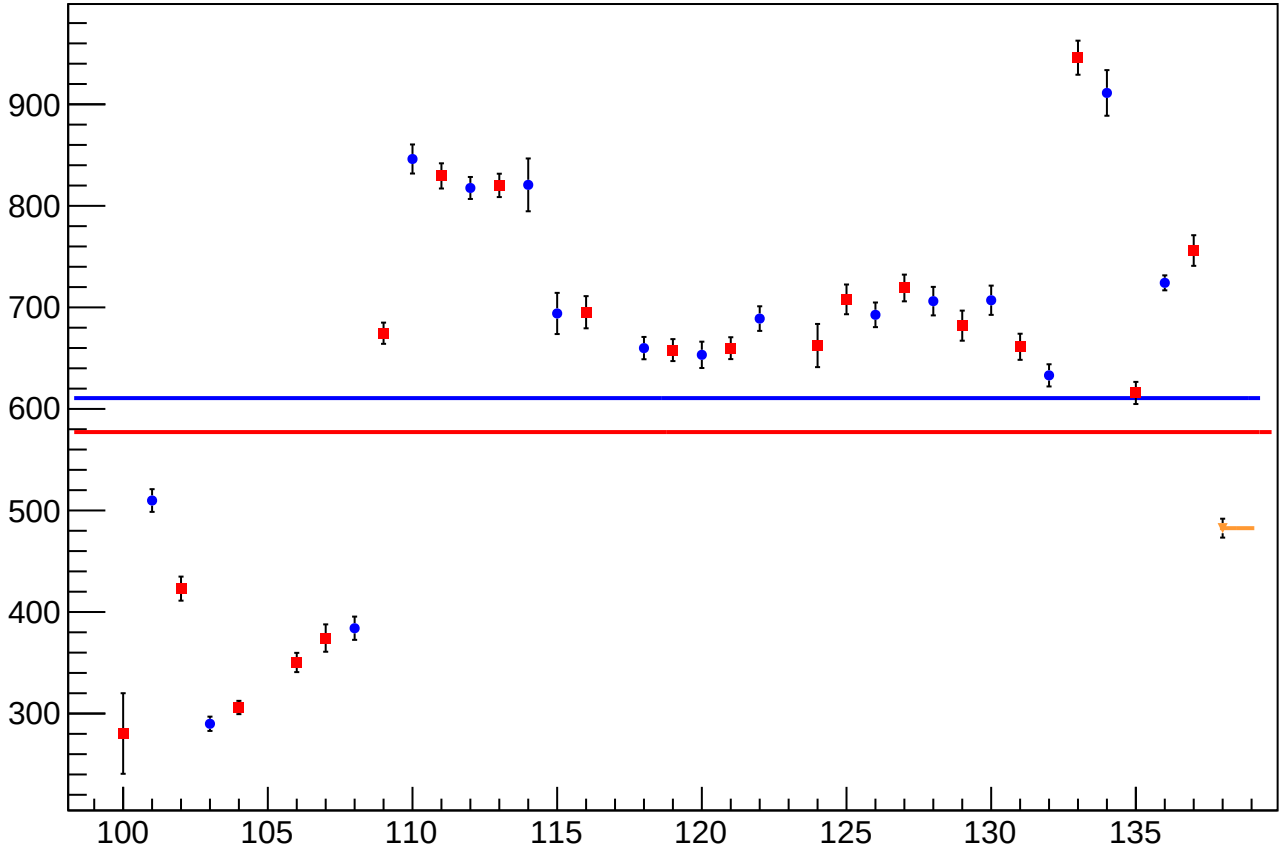
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.011+/-2.604 χ^2/NDF: 193.1/16

All: 6.824+/-1.824 χ^2/NDF: 417.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 610.665+/-2.892 χ^2/NDF: 3892.6/15

Left Out: 482.574+/-9.316 χ^2/NDF:0.0/0

Right Out: 577.205+/-2.755 χ^2/NDF: 4800.3/18

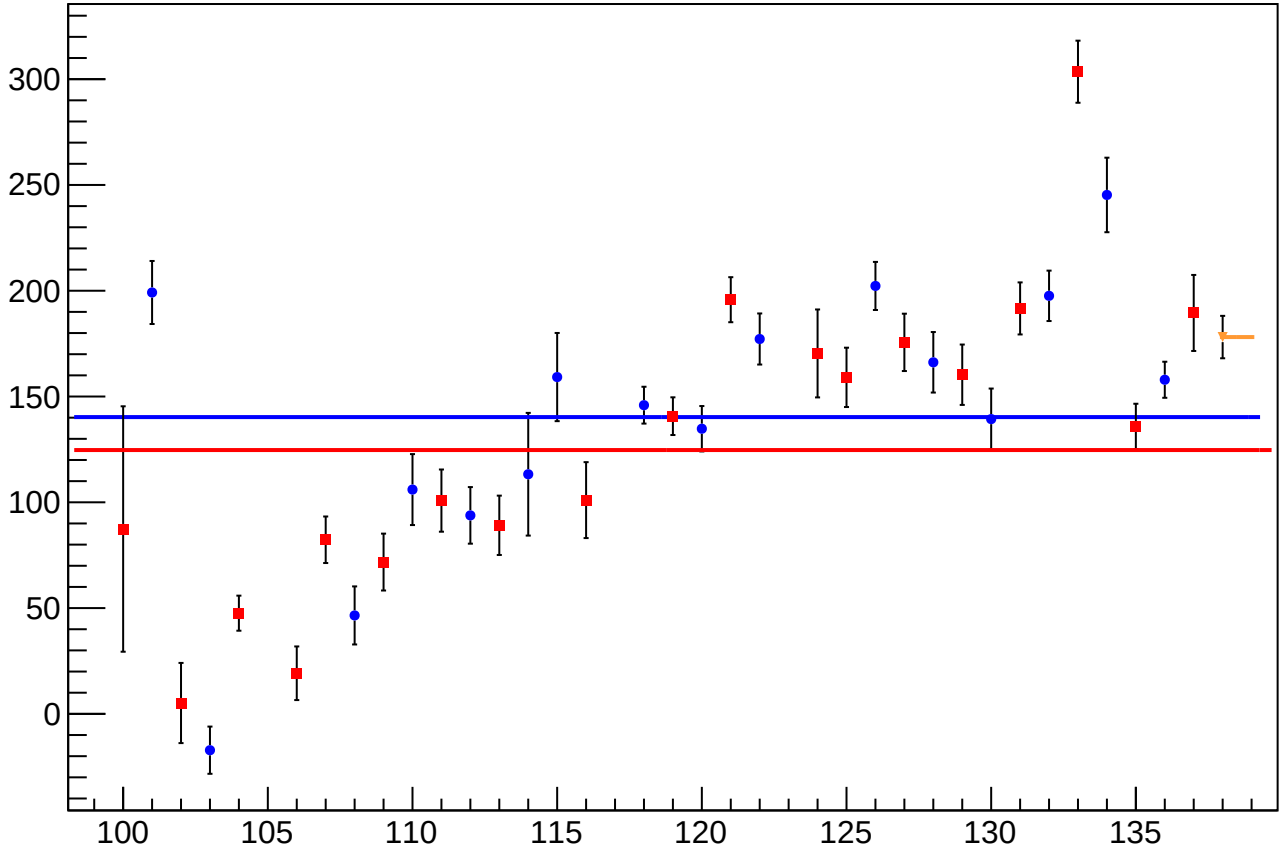
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 599.404+/-2.762 χ^2/NDF: 4065.0/16

All: 588.275+/-1.951 χ^2/NDF: 8897.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 140.278+/-3.151 χ^2/NDF: 385.4/15

Left Out: 178.100+/-10.027 χ^2/NDF:0.0/0

Right Out: 124.697+/-2.979 χ^2/NDF: 508.5/18

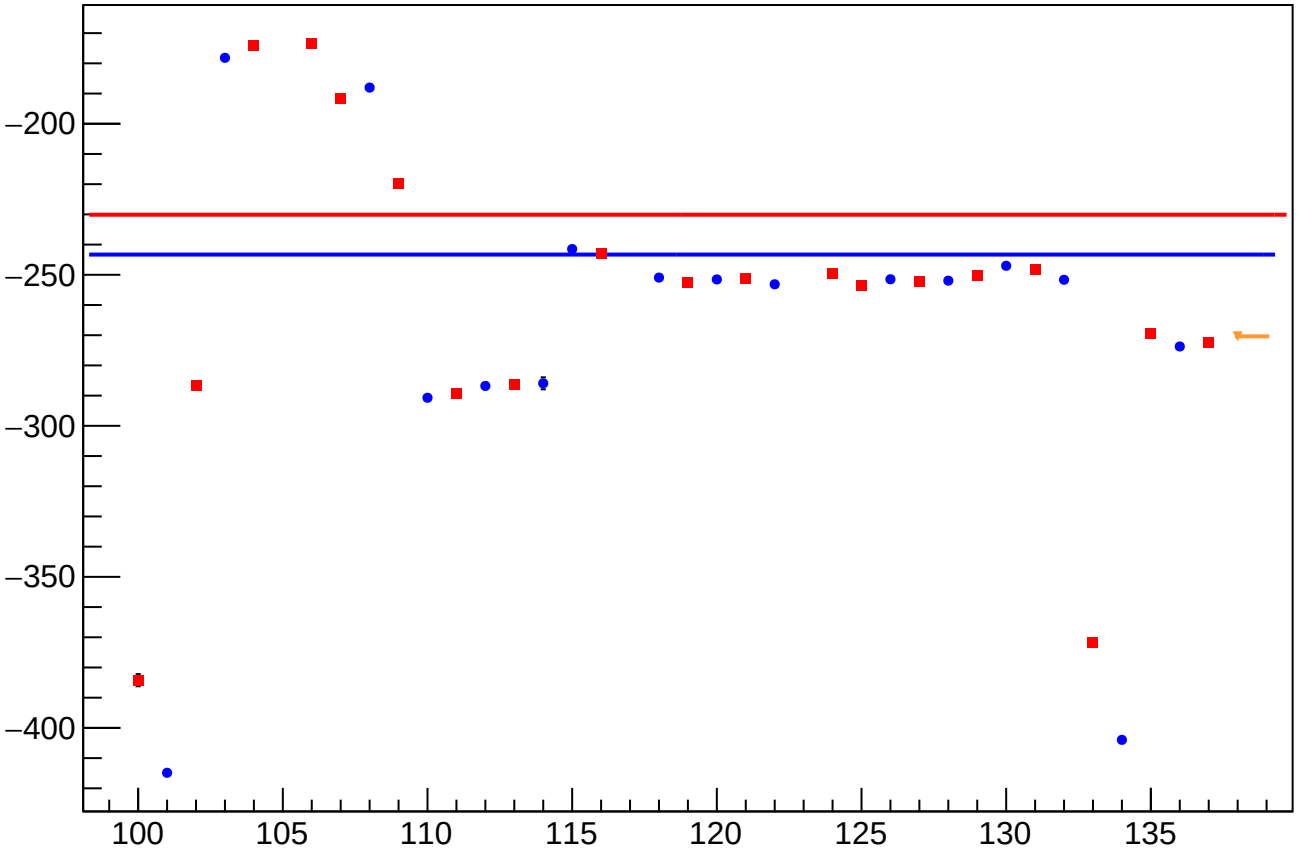
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 143.678+/-3.006 χ^2/NDF: 398.3/16

All: 134.100+/-2.116 χ^2/NDF: 927.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -243.308+/-0.163 χ^2/NDF: 173487.9/15

Left Out: -270.379+/-0.375 χ^2/NDF:0.0/0

Right Out: -230.109+/-0.157 χ^2/NDF: 102451.2/18

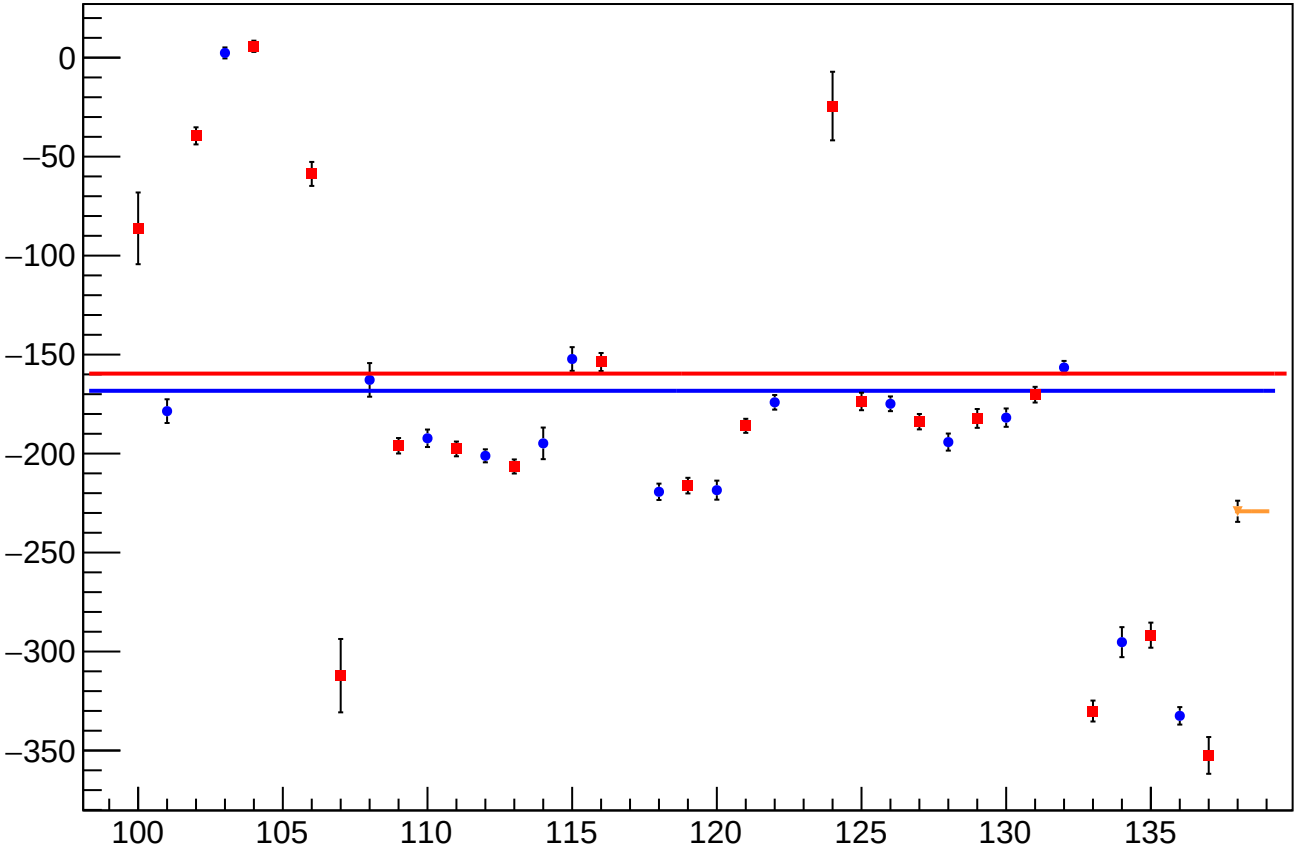
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -247.582+/-0.149 χ^2/NDF: 177869.3/16

All: -239.315+/-0.108 χ^2/NDF: 286815.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -168.291+/-1.076 χ^2/NDF: 5907.6/15

Left Out: -229.156+/-5.345 χ^2/NDF:0.0/0

Right Out: -159.602+/-1.042 χ^2/NDF: 7197.9/18

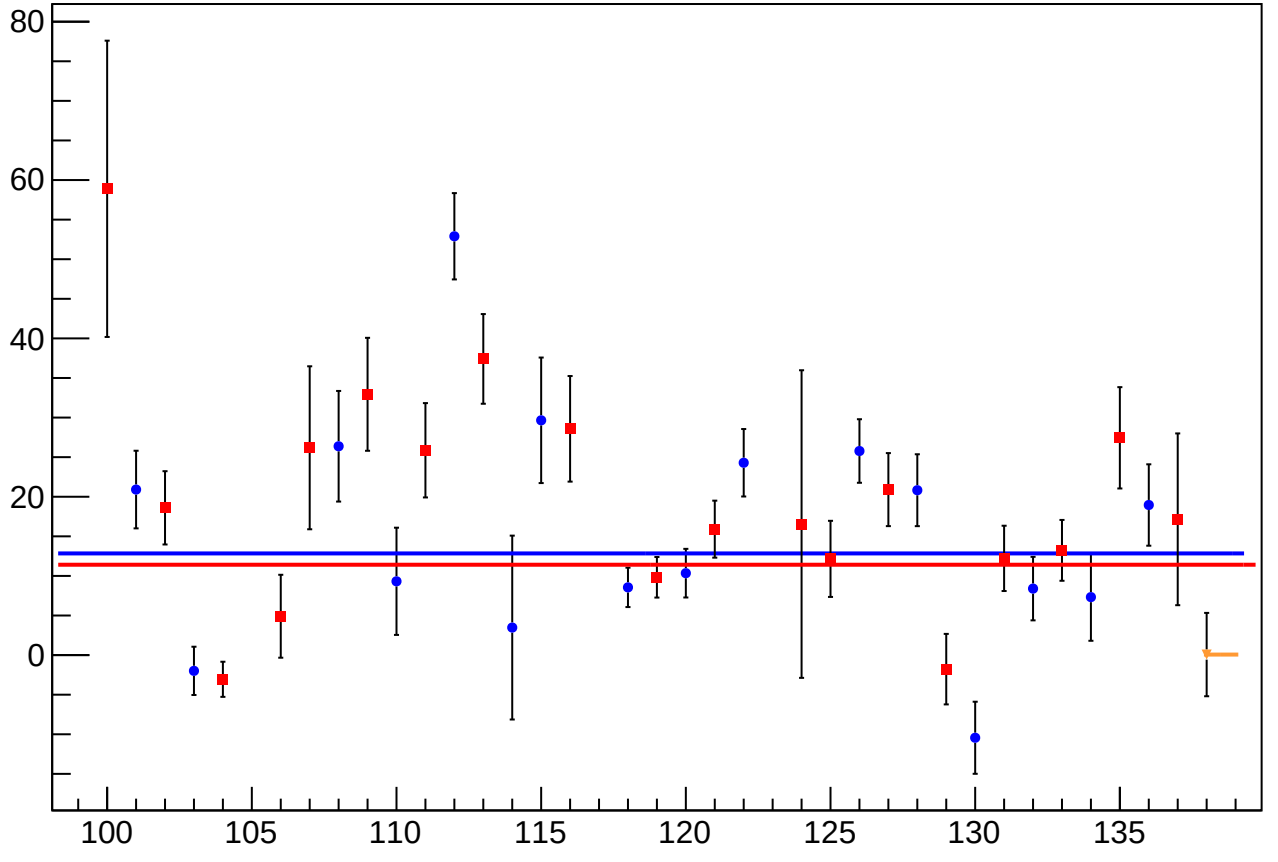
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -170.660+/-1.055 χ^2/NDF: 6032.2/16

All: -165.066+/-0.741 χ^2/NDF: 13285.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 12.842+/-1.076 χ^2/NDF: 143.7/15

Left Out: 0.066+/-5.264 χ^2/NDF:0.0/0

Right Out: 11.414+/-1.035 χ^2/NDF: 119.6/18

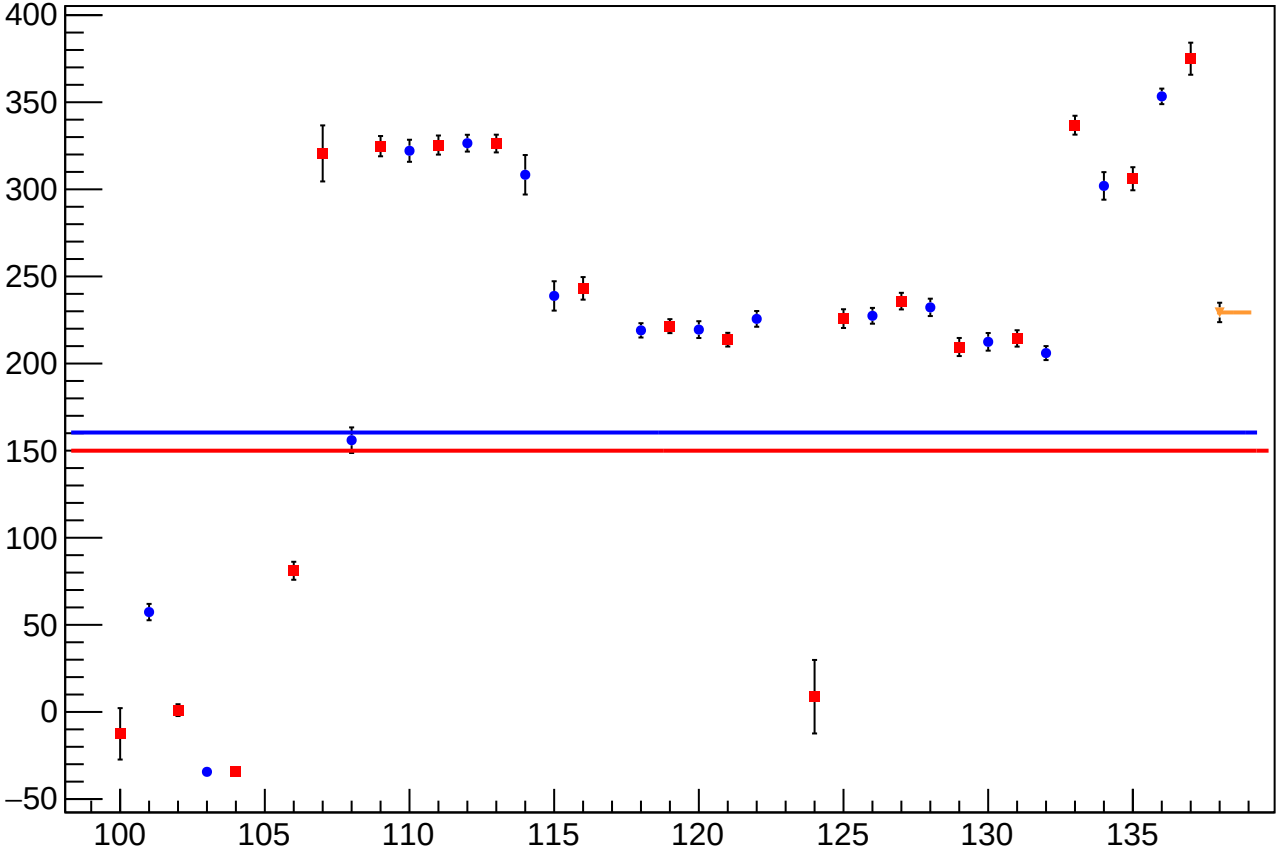
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.329+/-1.055 χ^2/NDF: 149.4/16

All: 11.863+/-0.739 χ^2/NDF: 269.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 160.407+/-1.139 χ^2/NDF: 13949.8/15

Left Out: 229.334+/-5.577 χ^2/NDF:0.0/0

Right Out: 149.974+/-1.107 χ^2/NDF: 16265.2/18

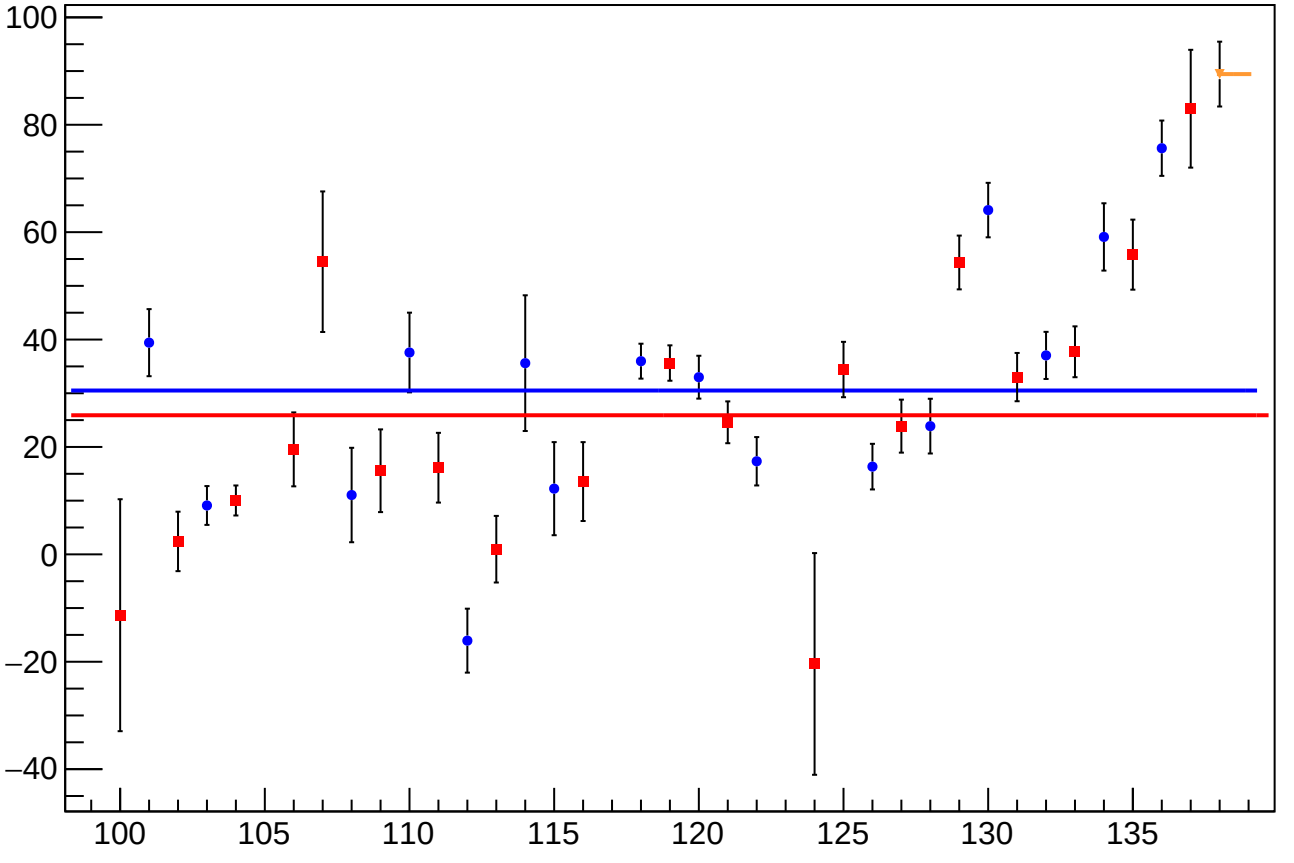
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 163.167+/-1.116 χ^2/NDF: 14096.5/16

All: 156.516+/-0.786 χ^2/NDF: 30432.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 30.510+/-1.255 χ^2/NDF: 276.9/15

Left Out: 89.436+/-6.037 χ^2/NDF:0.0/0

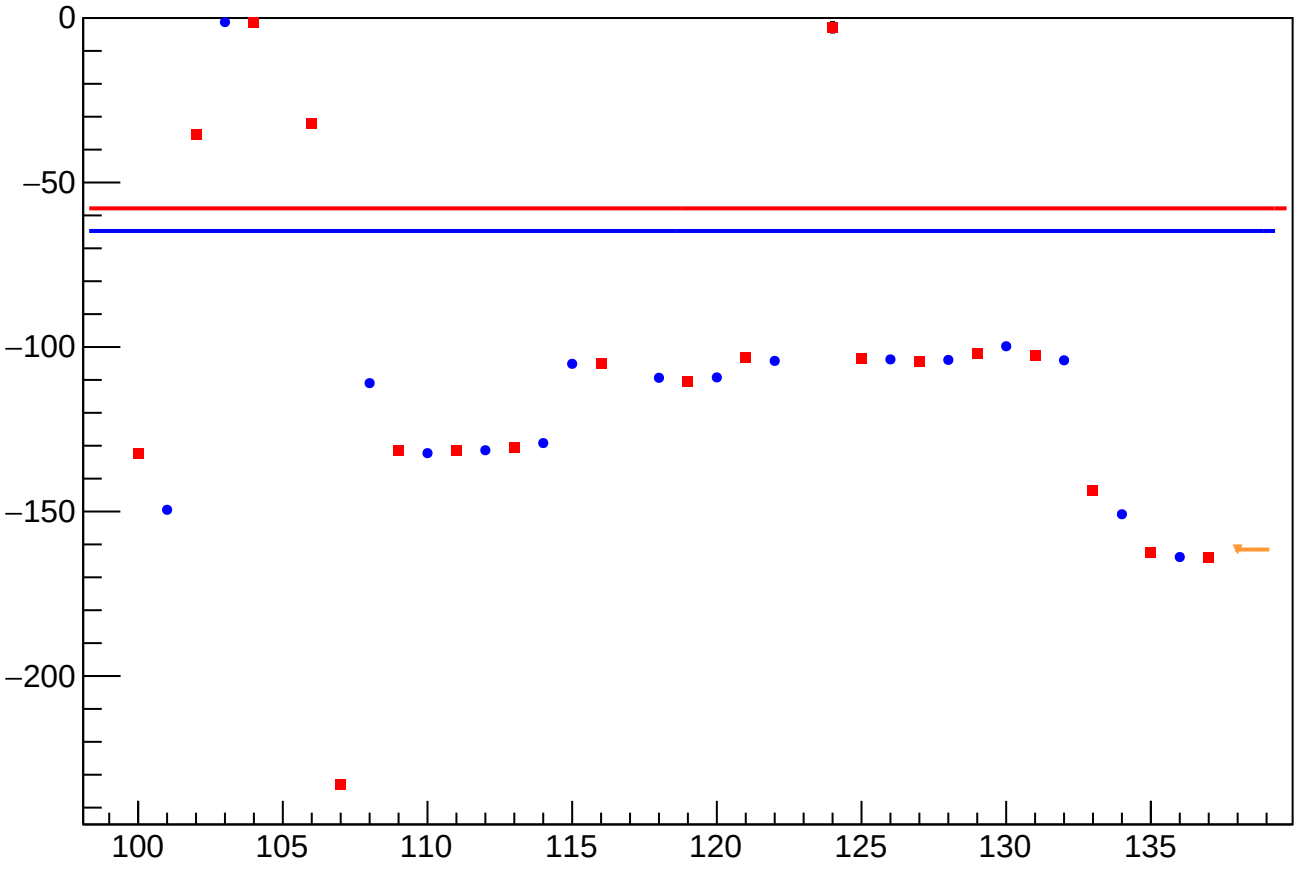
Right Out: 25.903+/-1.213 χ^2/NDF: 187.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 32.949+/-1.228 χ^2/NDF: 368.3/16

All: 29.382+/-0.863 χ^2/NDF: 572.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -64.726+/-0.064 χ^2/NDF: 1044441.7/15

Left Out: -161.556+/-0.224 χ^2/NDF:0.0/0

Right Out: -57.855+/-0.062 χ^2/NDF: 875795.9/18

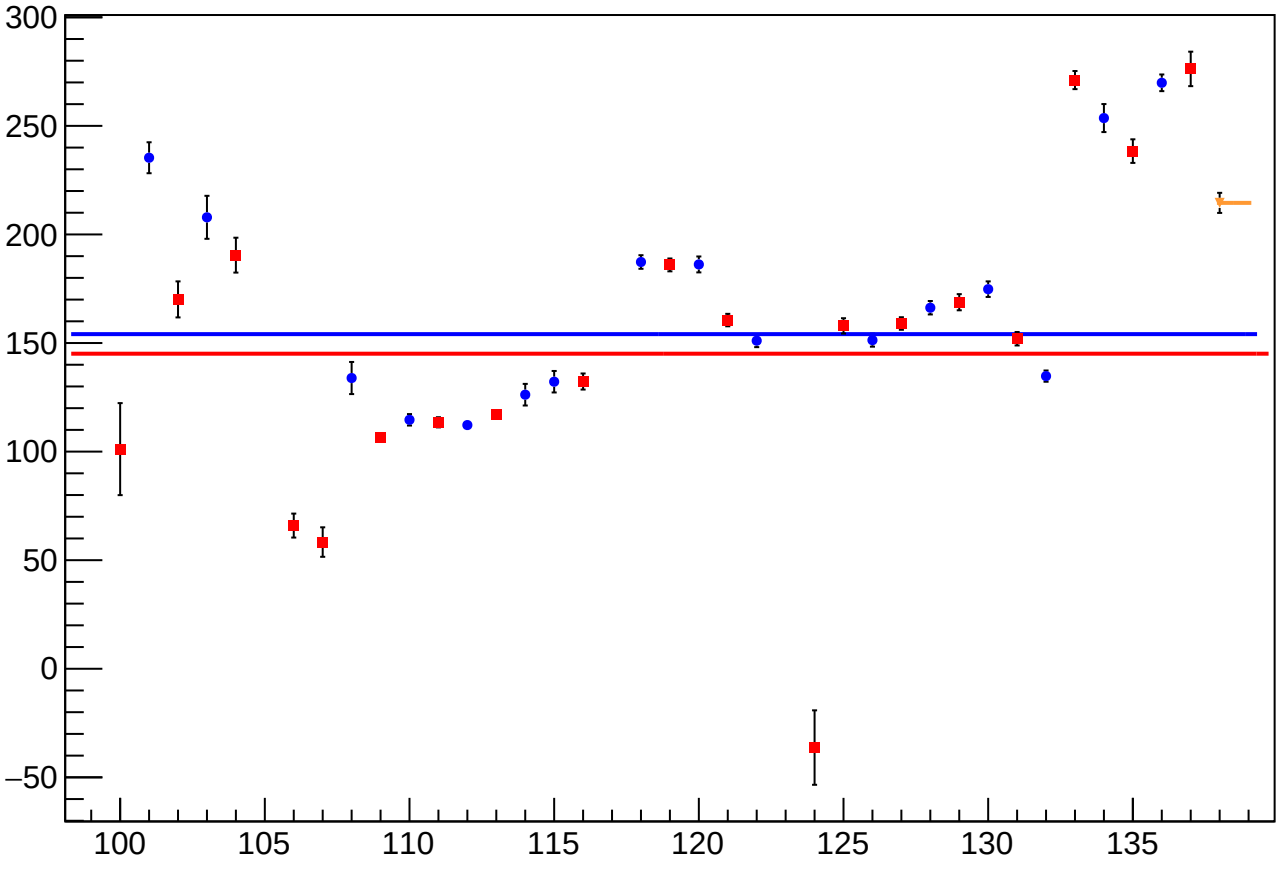
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -71.985+/-0.061 χ^2/NDF: 1217164.0/16

All: -65.011+/-0.044 χ^2/NDF: 2119138.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 154.096+/-0.869 χ^2/NDF: 2281.1/15

Left Out: 214.538+/-4.626 χ^2/NDF:0.0/0

Right Out: 145.083+/-0.826 χ^2/NDF: 2958.4/18

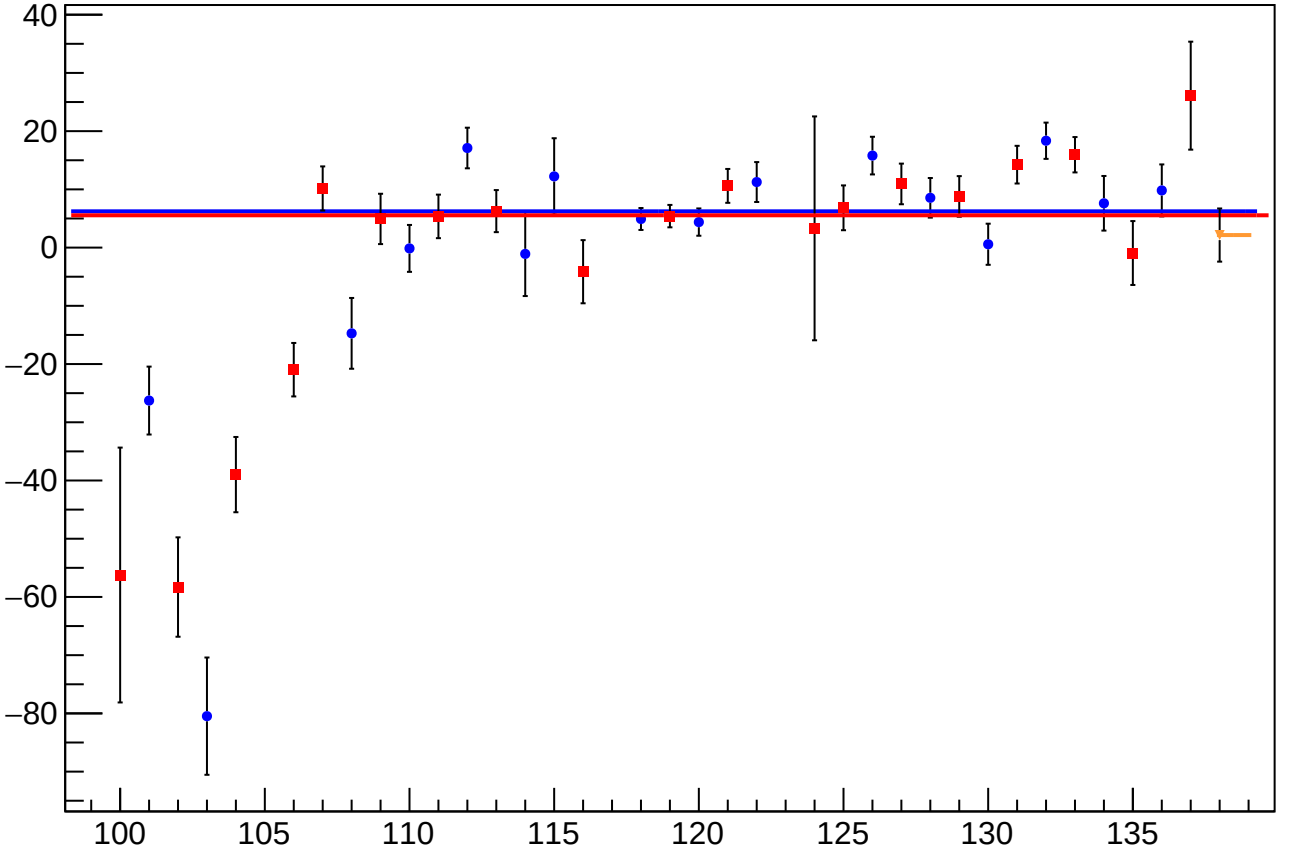
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 156.157+/-0.854 χ^2/NDF: 2446.0/16

All: 150.435+/-0.594 χ^2/NDF: 5491.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 6.229+/-0.890 χ^2/NDF: 162.1/15

Left Out: 2.154+/-4.565 χ^2/NDF:0.0/0

Right Out: 5.548+/-0.889 χ^2/NDF: 181.1/18

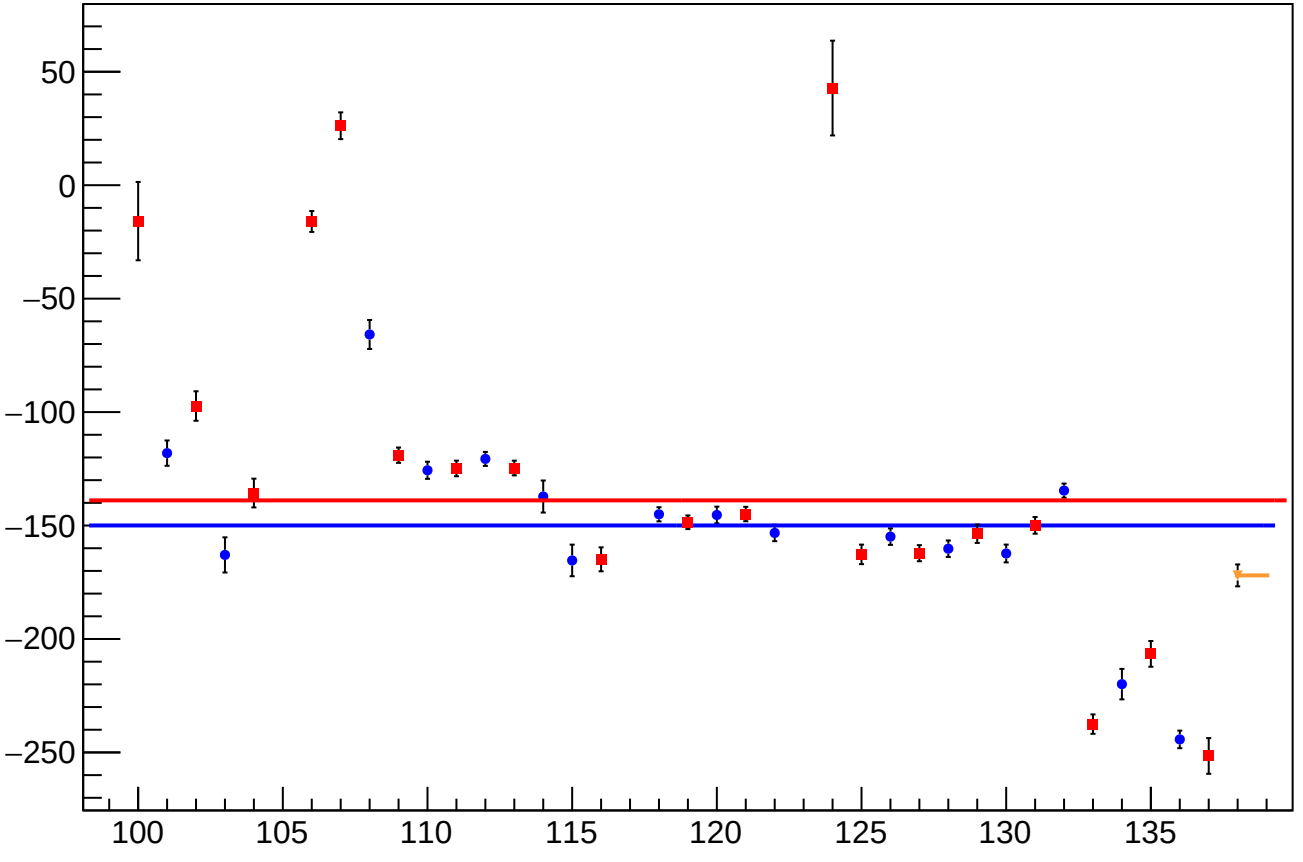
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.080+/-0.874 χ^2/NDF: 162.8/16

All: 5.819+/-0.623 χ^2/NDF: 344.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -149.970+/-1.026 χ^2/NDF: 1099.5/15

Left Out: -171.976+/-4.826 χ^2/NDF:0.0/0

Right Out: -138.912+/-0.993 χ^2/NDF: 2750.9/18

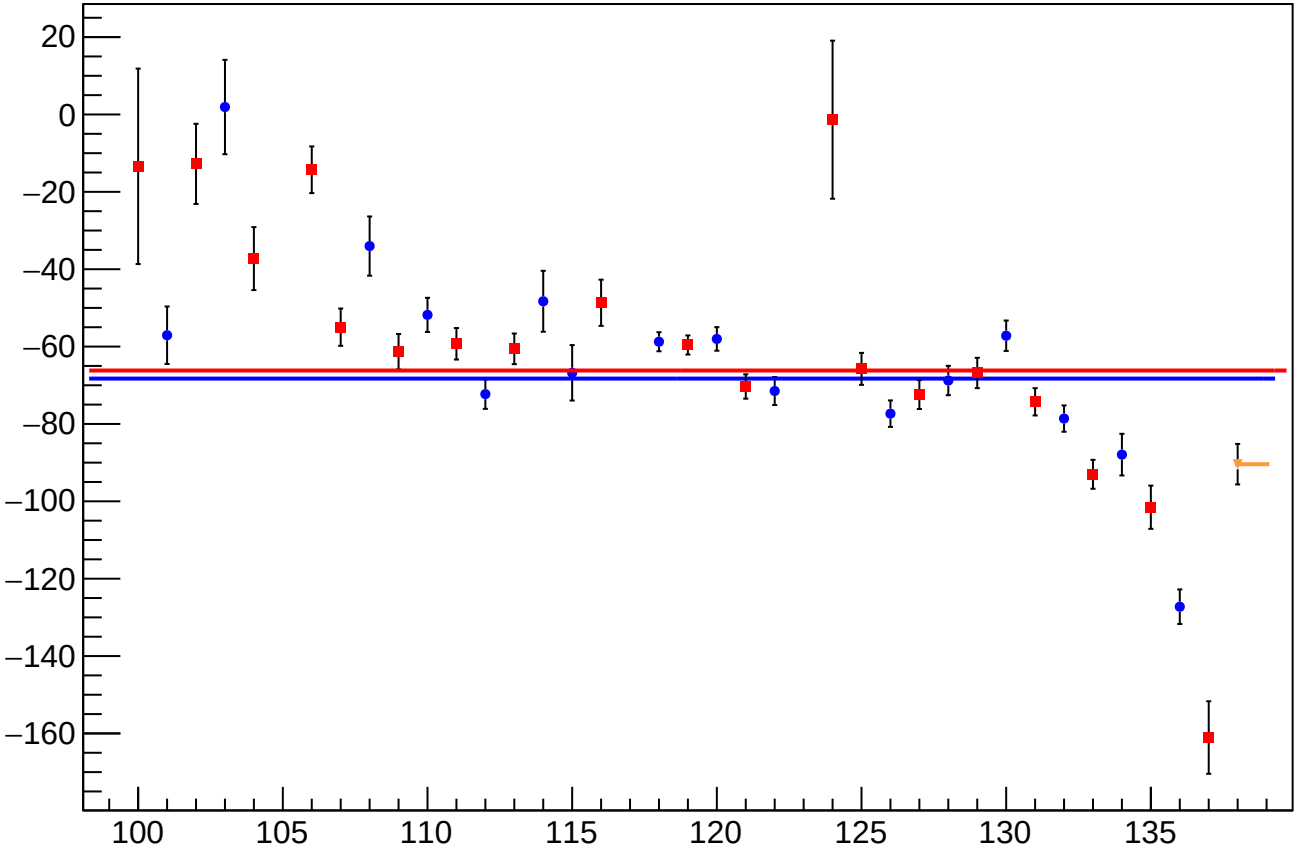
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -150.921+/-1.003 χ^2/NDF: 1119.4/16

All: -144.858+/-0.706 χ^2/NDF: 3942.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -68.272+/-1.033 χ^2/NDF: 315.4/15

Left Out: -90.401+/-5.232 χ^2/NDF:0.0/0

Right Out: -66.186+/-1.024 χ^2/NDF: 358.3/18

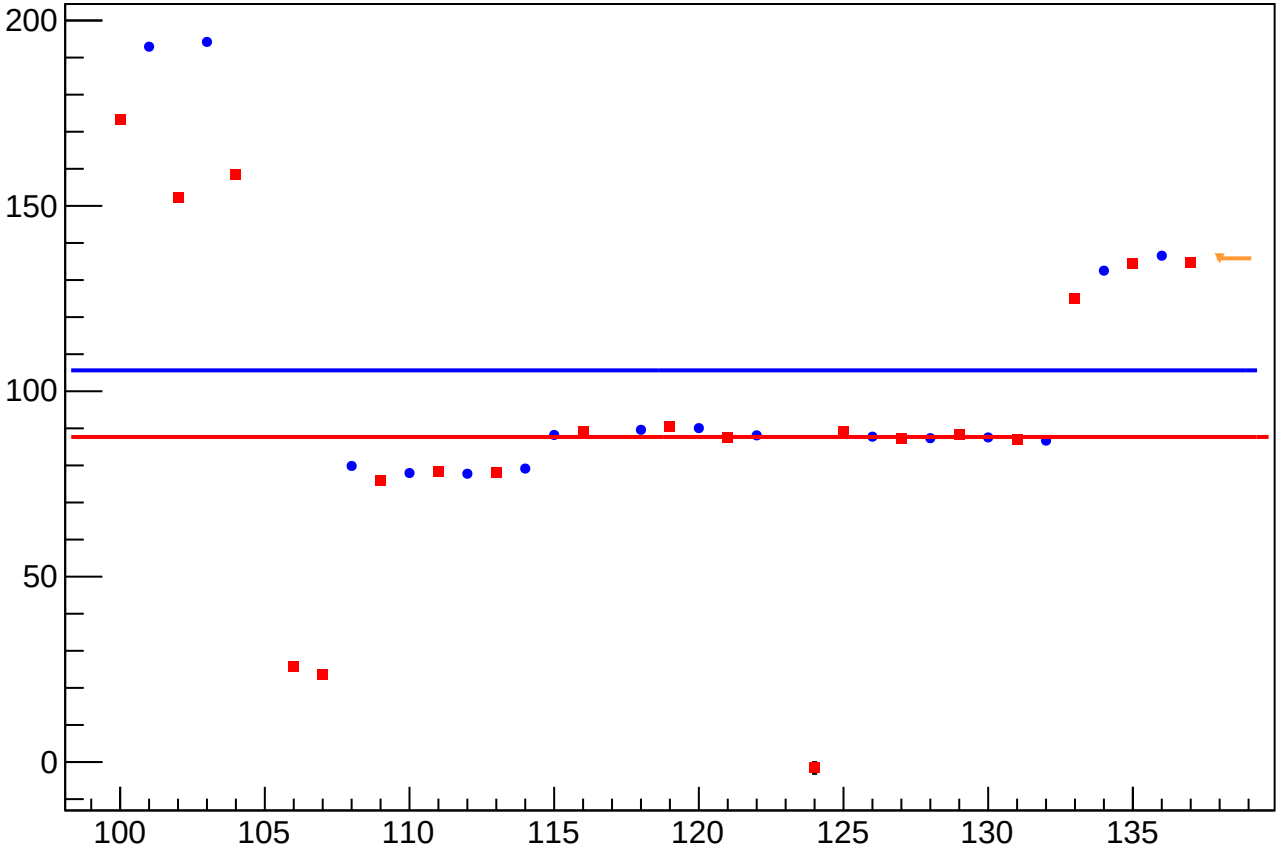
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -69.102+/-1.014 χ^2/NDF: 332.6/16

All: -67.659+/-0.720 χ^2/NDF: 695.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 105.640+/-0.071 χ^2/NDF: 239614.1/15

Left Out: 135.852+/-0.194 χ^2/NDF:0.0/0

Right Out: 87.673+/-0.066 χ^2/NDF: 374460.7/18

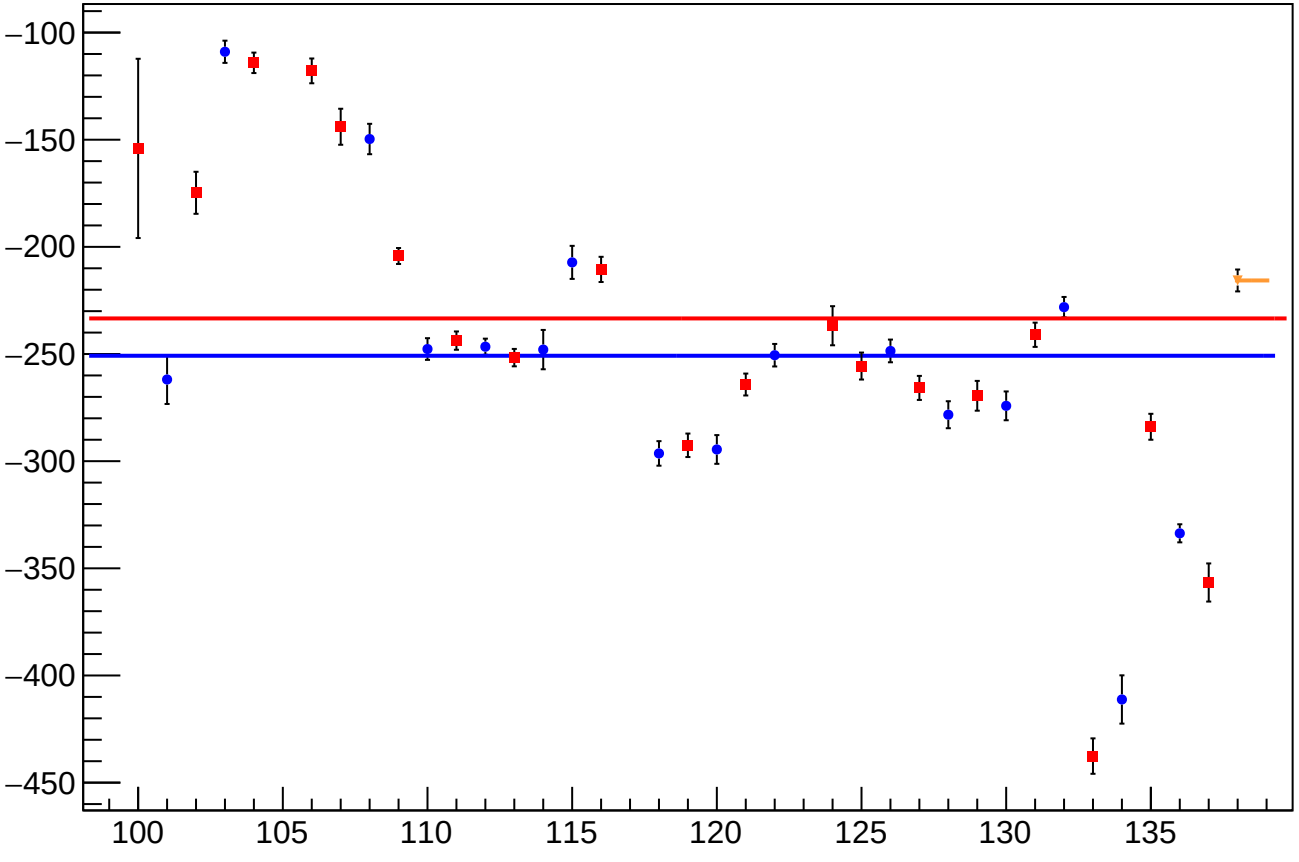
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 109.199+/-0.067 χ^2/NDF: 261048.0/16

All: 98.289+/-0.047 χ^2/NDF: 688567.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -250.812+/-1.438 χ^2/NDF: 1735.7/15

Left Out: -215.675+/-5.111 χ^2/NDF:0.0/0

Right Out: -233.396+/-1.333 χ^2/NDF: 2378.5/18

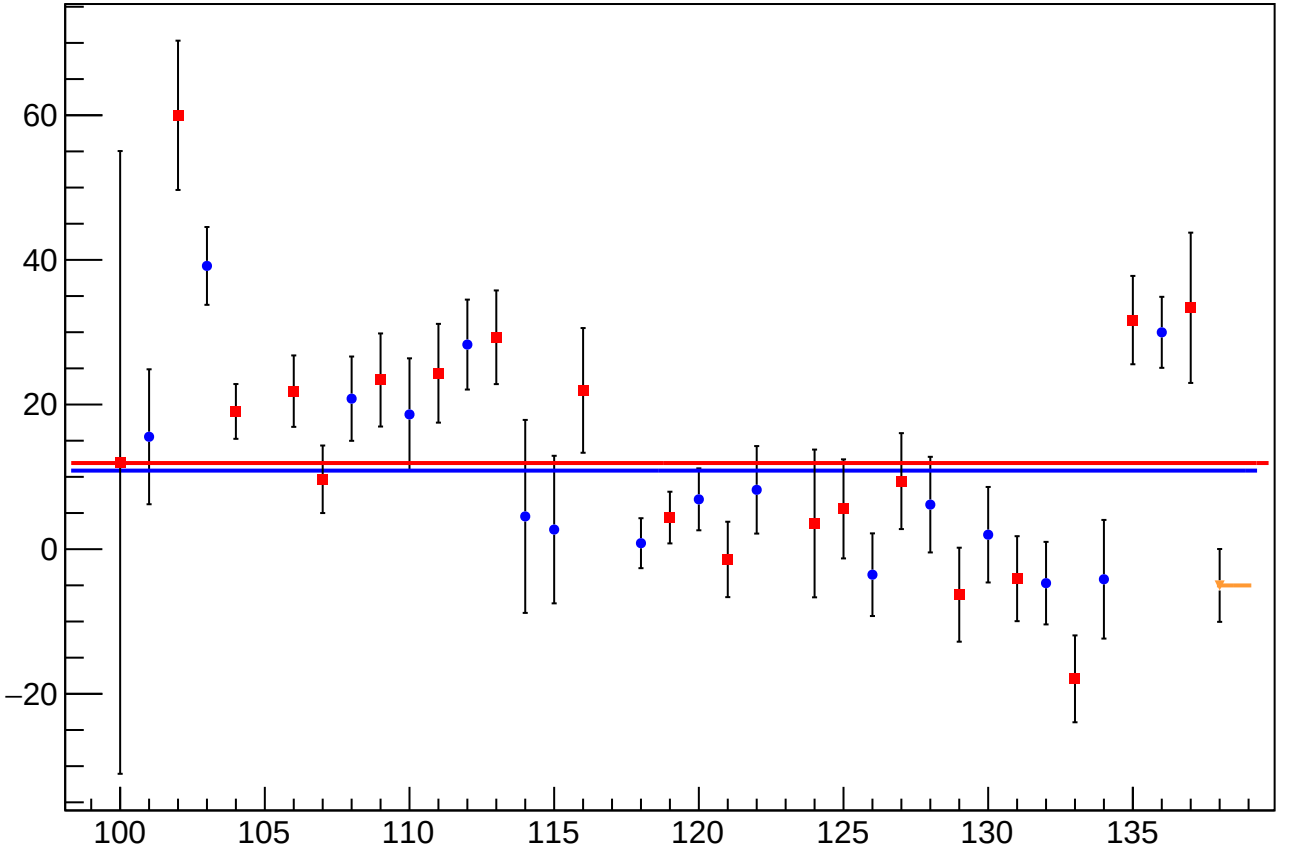
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -248.234+/-1.384 χ^2/NDF: 1779.5/16

All: -240.536+/-0.960 χ^2/NDF: 4217.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 10.864+/-1.471 χ^2/NDF: 84.7/15

Left Out: -5.012+/-5.036 χ^2/NDF:0.0/0

Right Out: 11.912+/-1.368 χ^2/NDF: 111.9/18

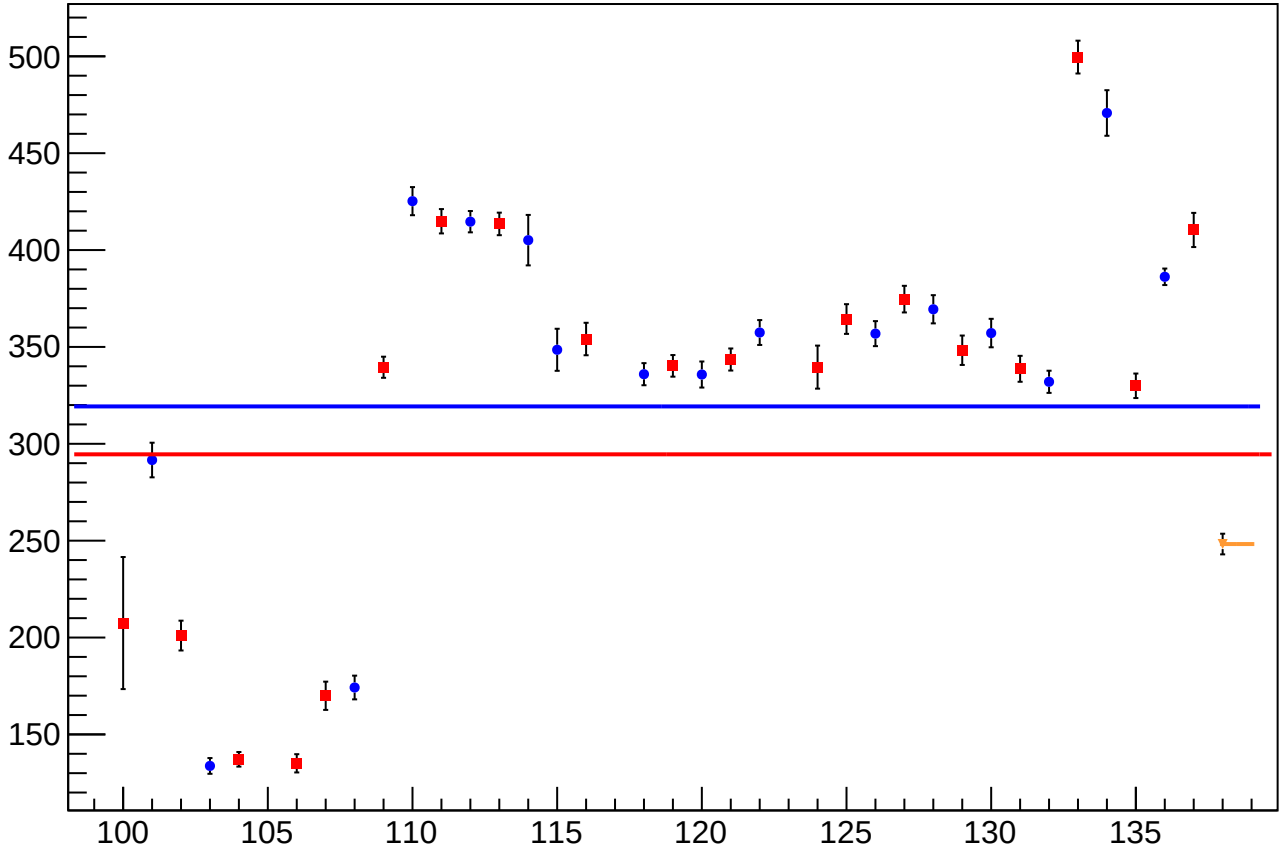
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9.617+/-1.412 χ^2/NDF: 93.8/16

All: 10.801+/-0.982 χ^2/NDF: 207.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 319.293+/-1.586 χ^2/NDF: 3792.9/15

Left Out: 248.258+/-5.333 χ^2/NDF:0.0/0

Right Out: 294.567+/-1.481 χ^2/NDF: 5503.2/18

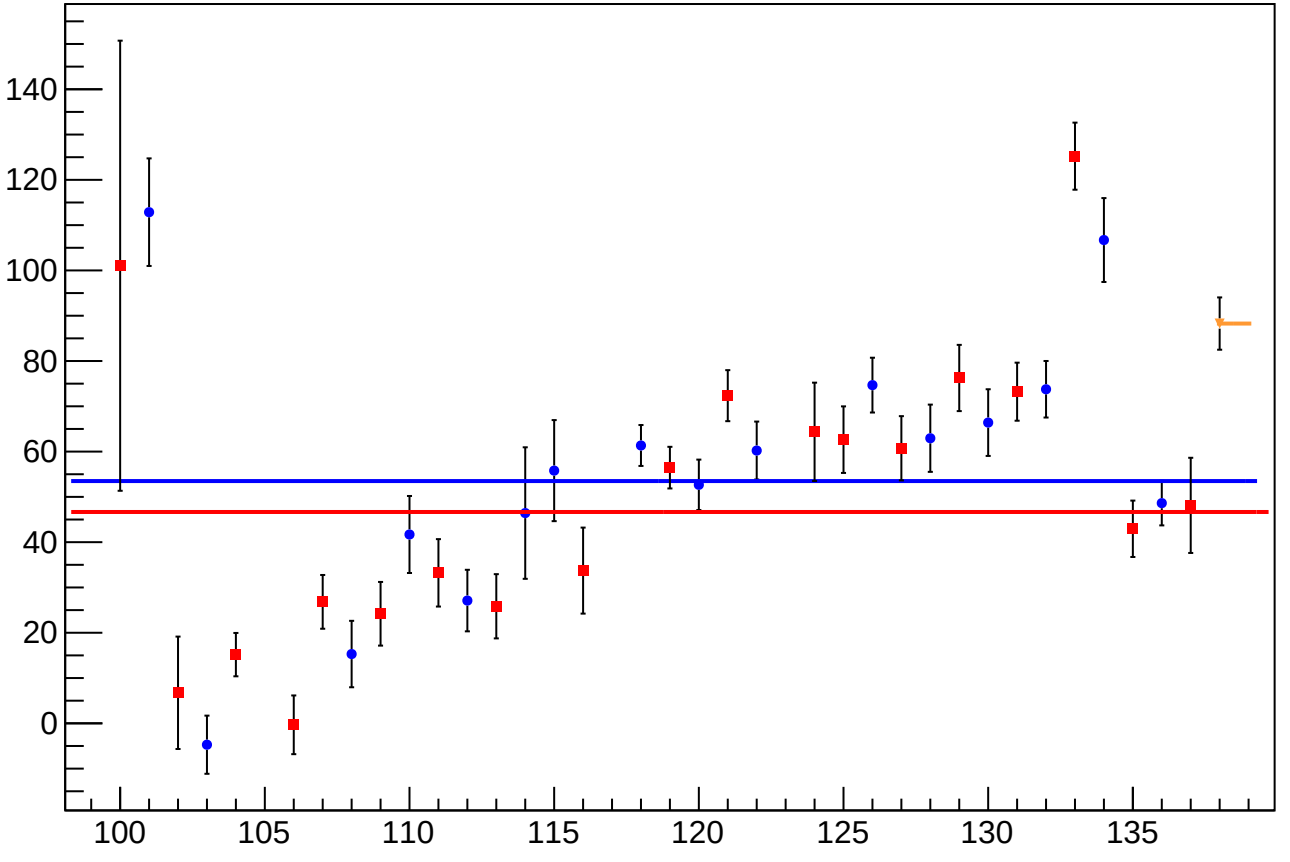
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 313.520+/-1.520 χ^2/NDF: 3956.0/16

All: 303.798+/-1.061 χ^2/NDF: 9538.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 53.494+/-1.699 χ^2/NDF: 217.2/15

Left Out: 88.267+/-5.774 χ^2/NDF:0.0/0

Right Out: 46.666+/-1.593 χ^2/NDF: 325.6/18

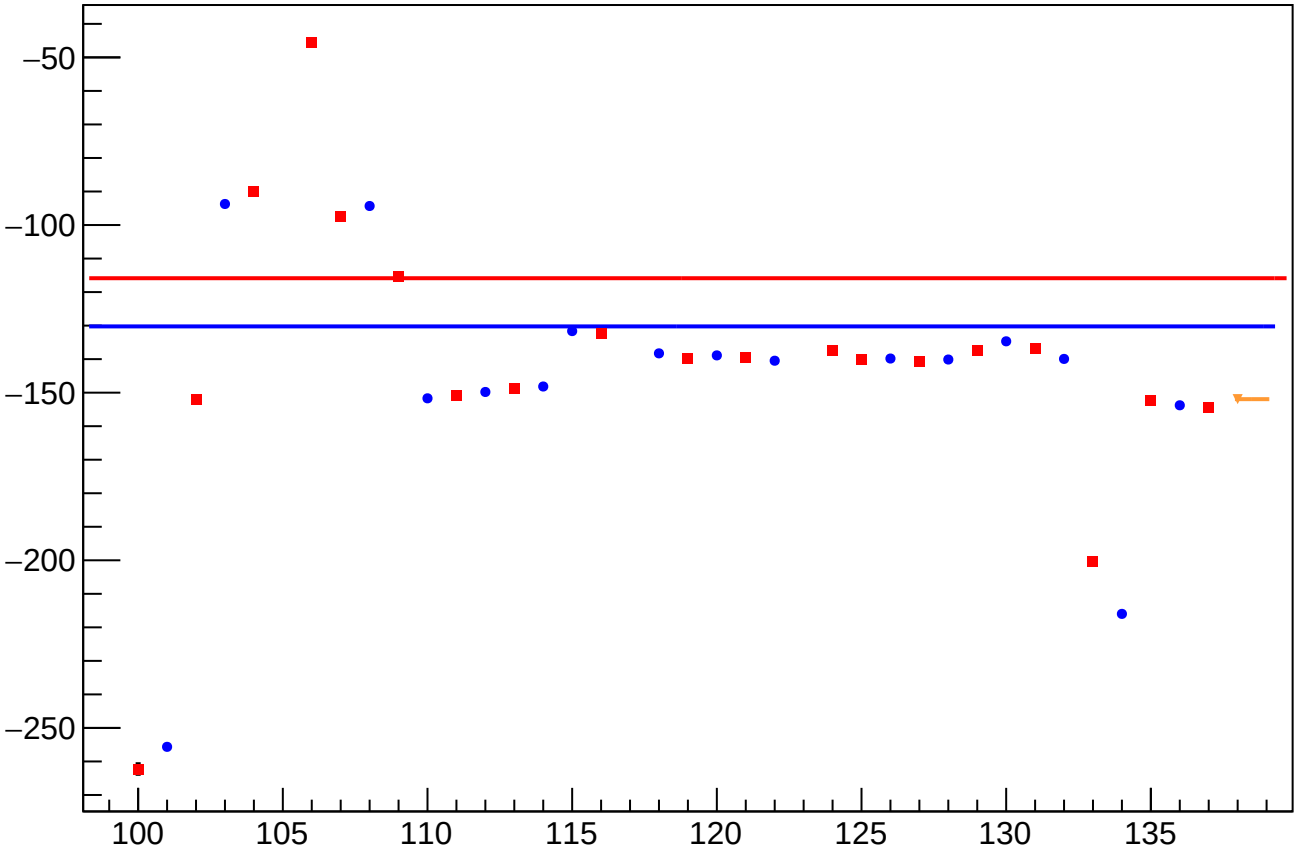
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 56.264+/-1.630 χ^2/NDF: 250.6/16

All: 51.357+/-1.139 χ^2/NDF: 594.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -130.236+/-0.091 χ^2/NDF: 174208.5/15

Left Out: -151.937+/-0.214 χ^2/NDF:0.0/0

Right Out: -115.865+/-0.086 χ^2/NDF: 205899.4/18

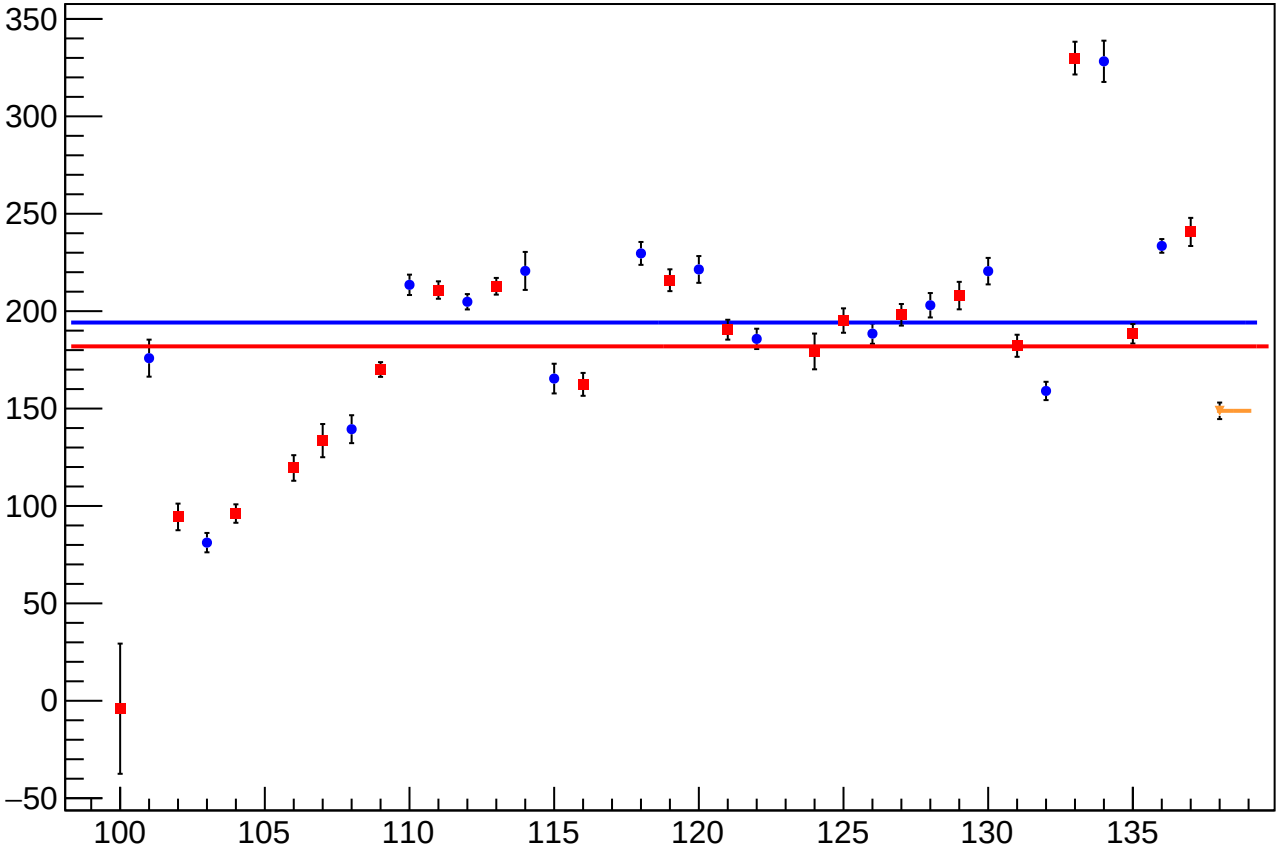
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -133.558+/-0.084 χ^2/NDF: 182898.6/16

All: -124.910+/-0.060 χ^2/NDF: 410579.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 194.164+/-1.407 χ^2/NDF: 1035.2/15

Left Out: 148.841+/-4.241 χ^2/NDF:0.0/0

Right Out: 181.928+/-1.322 χ^2/NDF: 1204.8/18

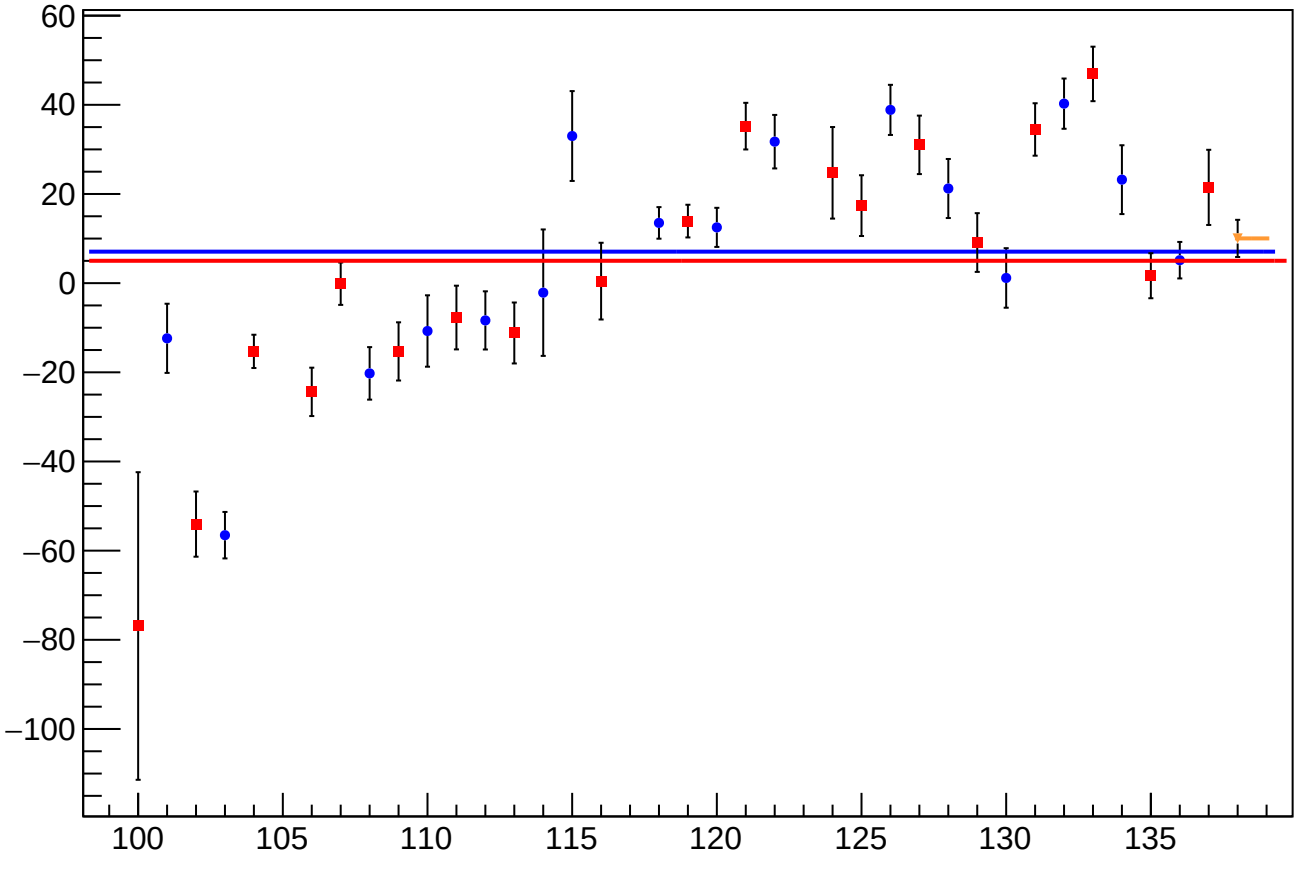
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 189.673+/-1.335 χ^2/NDF: 1138.1/16

All: 185.762+/-0.939 χ^2/NDF: 2359.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 7.066+/-1.443 χ^2/NDF: 292.6/15

Left Out: 10.034+/-4.169 χ^2/NDF:0.0/0

Right Out: 5.015+/-1.355 χ^2/NDF: 288.5/18

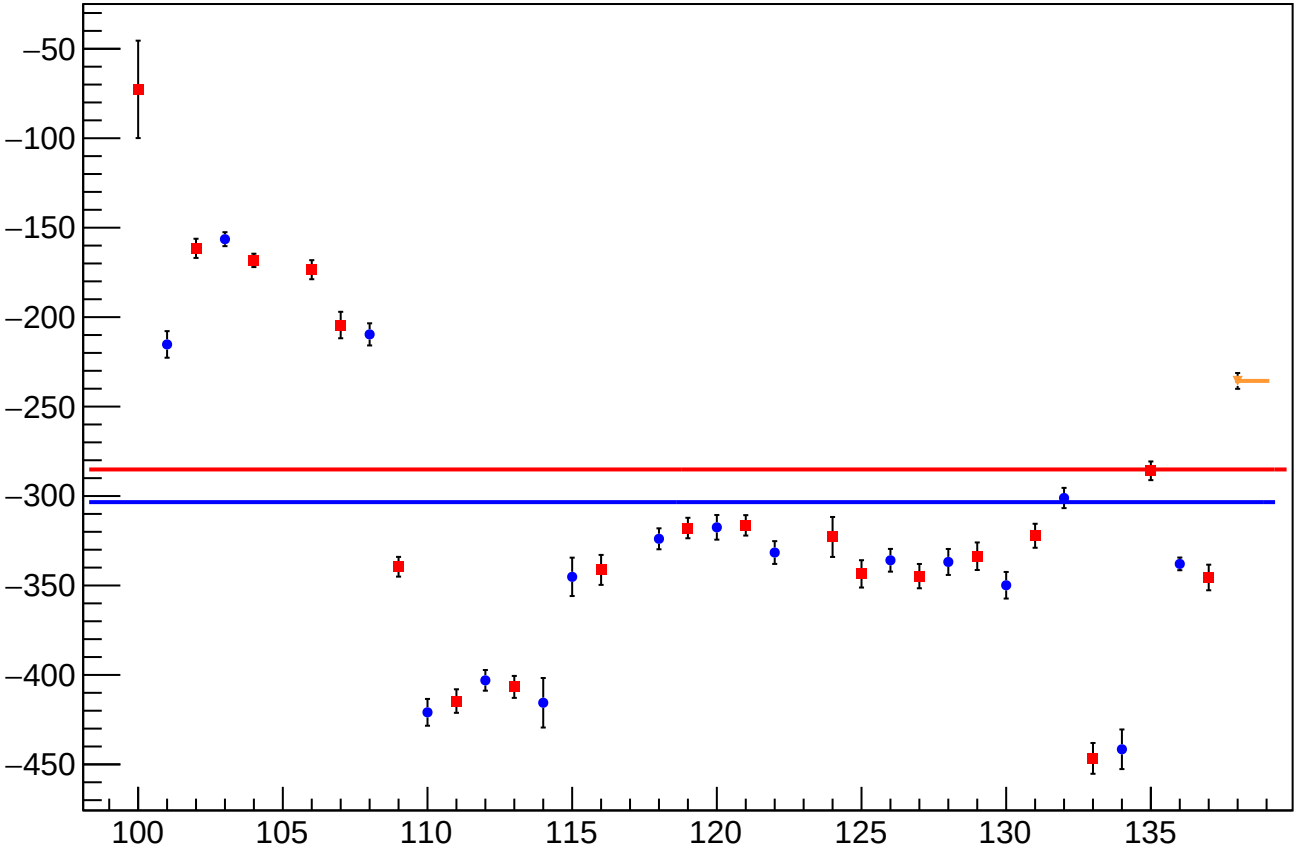
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.383+/-1.363 χ^2/NDF: 293.0/16

All: 6.192+/-0.961 χ^2/NDF: 583.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -303.408+/-1.530 χ^2/NDF: 2785.5/15

Left Out: -235.649+/-4.425 χ^2/NDF:0.0/0

Right Out: -285.148+/-1.451 χ^2/NDF: 3754.8/18

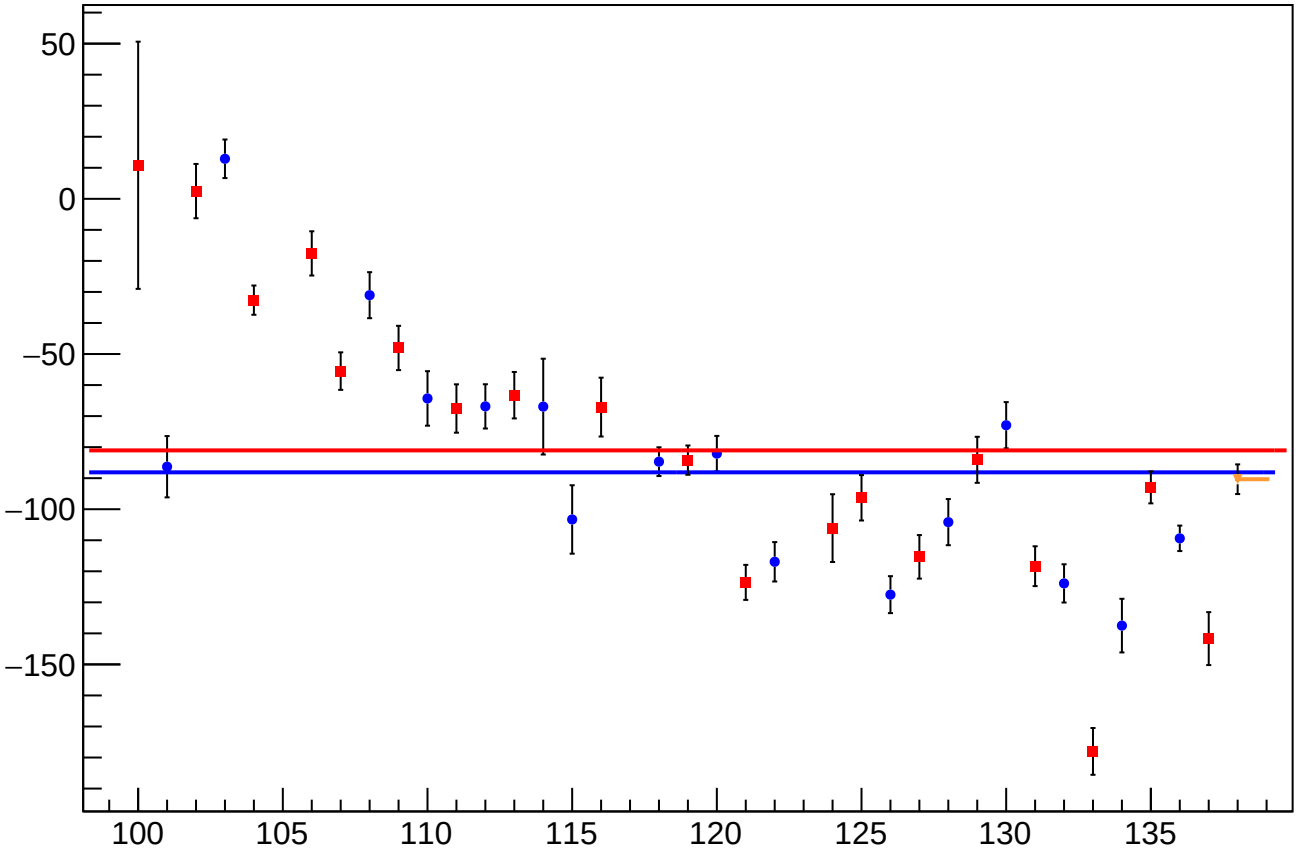
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -296.172+/-1.446 χ^2/NDF: 2994.9/16

All: -290.679+/-1.024 χ^2/NDF: 6778.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -88.119+/-1.655 χ^2/NDF: 511.9/15

Left Out: -90.336+/-4.781 χ^2/NDF:0.0/0

Right Out: -81.046+/-1.569 χ^2/NDF: 677.5/18

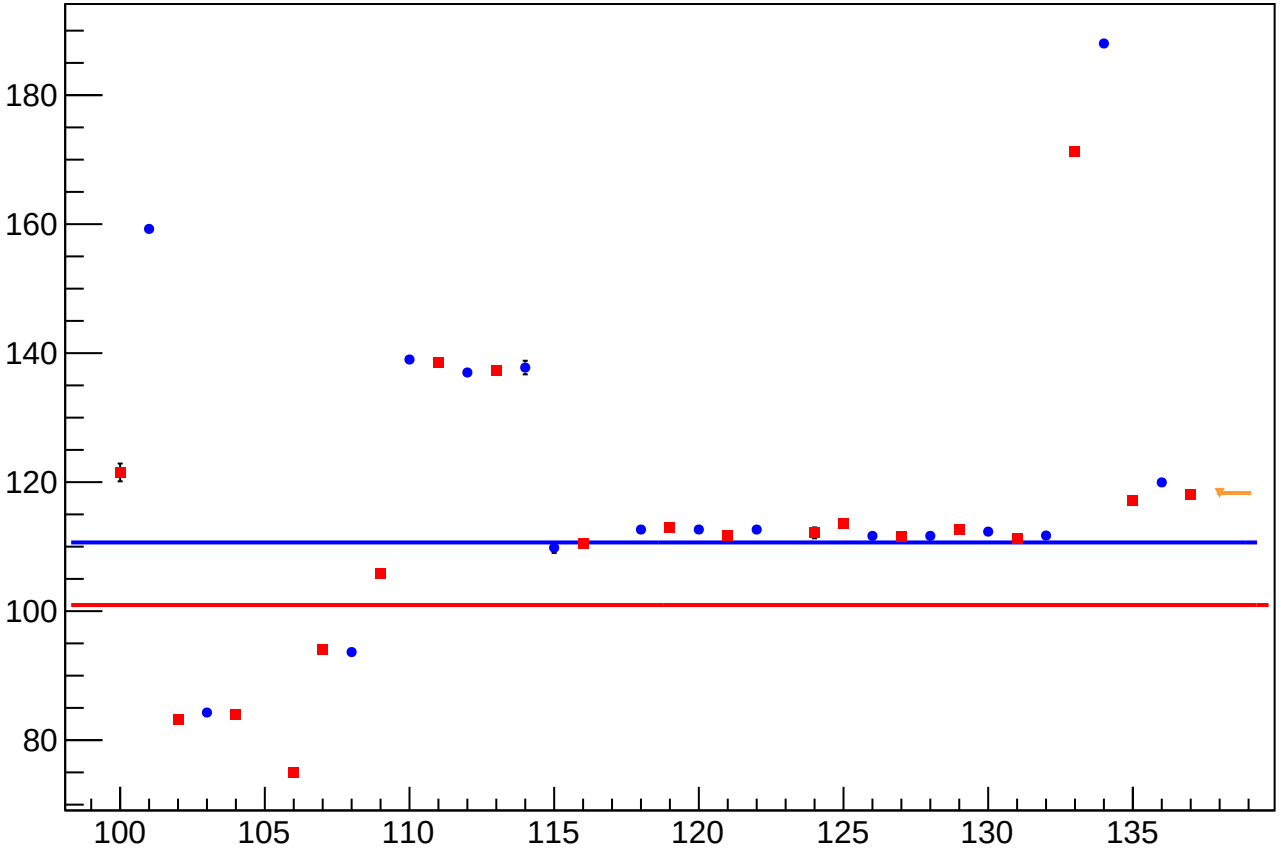
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -88.356+/-1.564 χ^2/NDF: 512.1/16

All: -84.713+/-1.108 χ^2/NDF: 1200.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 110.651+/-0.086 χ^2/NDF: 83521.8/15

Left Out: 118.323+/-0.178 χ^2/NDF:0.0/0

Right Out: 100.949+/-0.081 χ^2/NDF: 62002.4/18

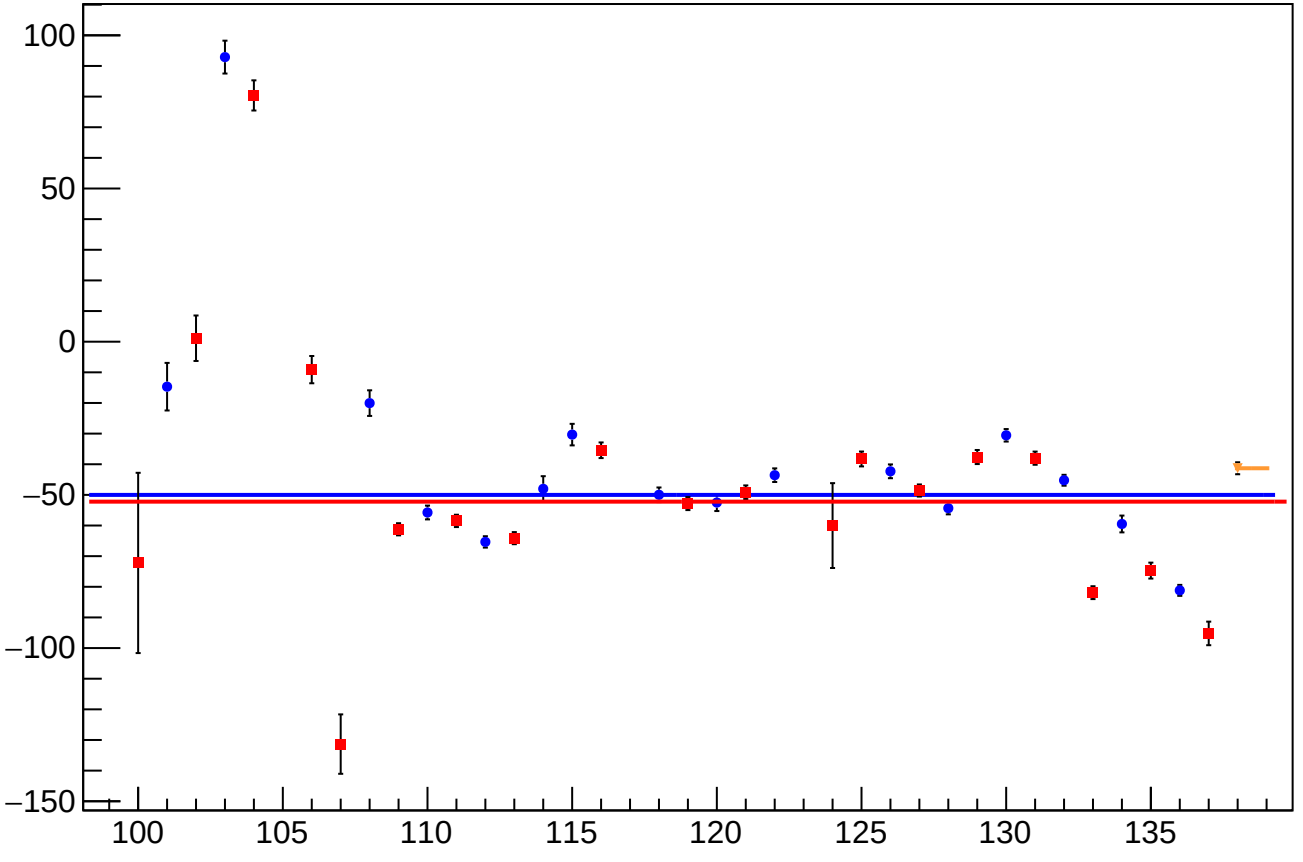
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 112.100+/-0.077 χ^2/NDF: 85030.7/16

All: 106.783+/-0.056 χ^2/NDF: 156955.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -50.008+/-0.610 χ^2/NDF: 1327.4/15

Left Out: -41.311+/-1.955 χ^2/NDF:0.0/0

Right Out: -52.207+/-0.605 χ^2/NDF: 1570.3/18

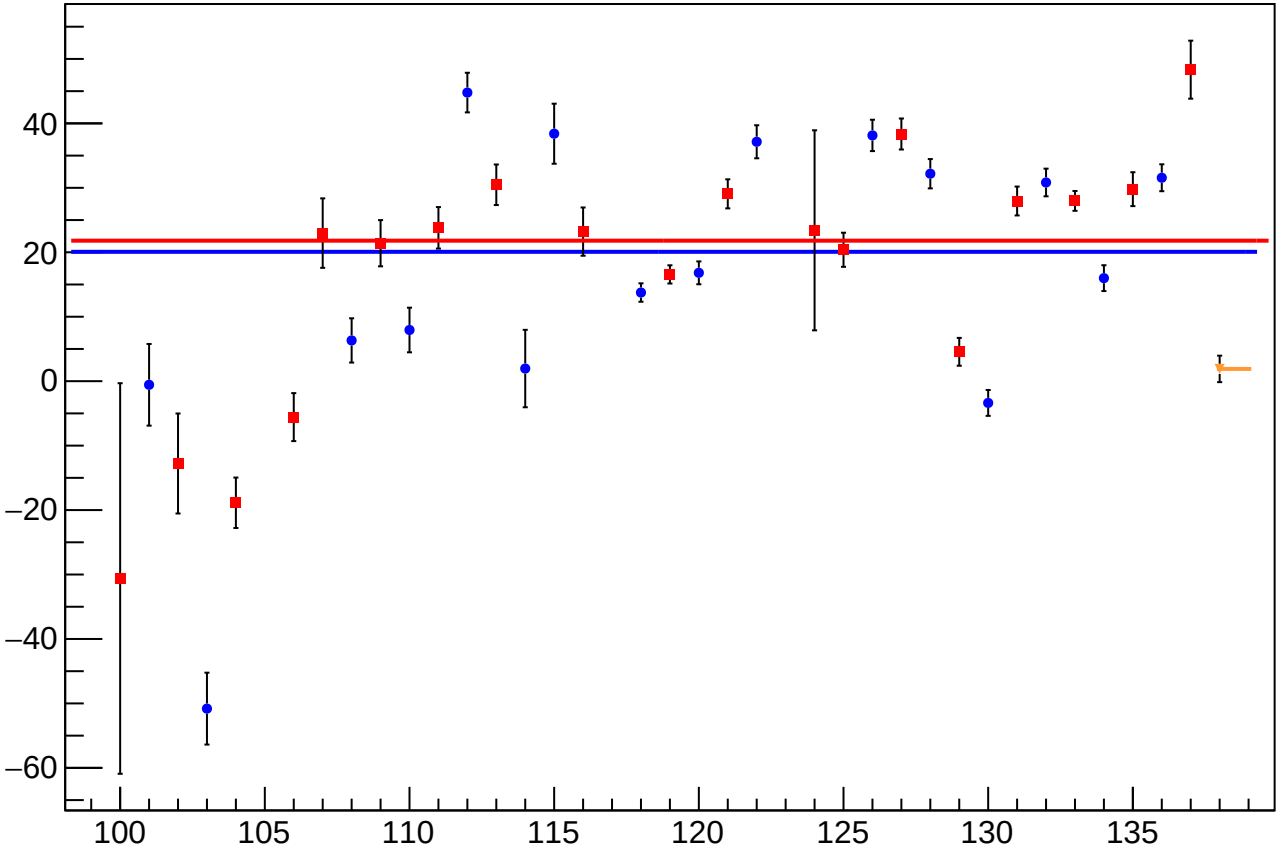
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -49.236+/-0.582 χ^2/NDF: 1345.4/16

All: -50.665+/-0.420 χ^2/NDF: 2928.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 20.072+/-0.612 χ^2/NDF: 636.2/15

Left Out: 1.903+/-2.054 χ^2/NDF:0.0/0

Right Out: 21.800+/-0.622 χ^2/NDF: 396.3/18

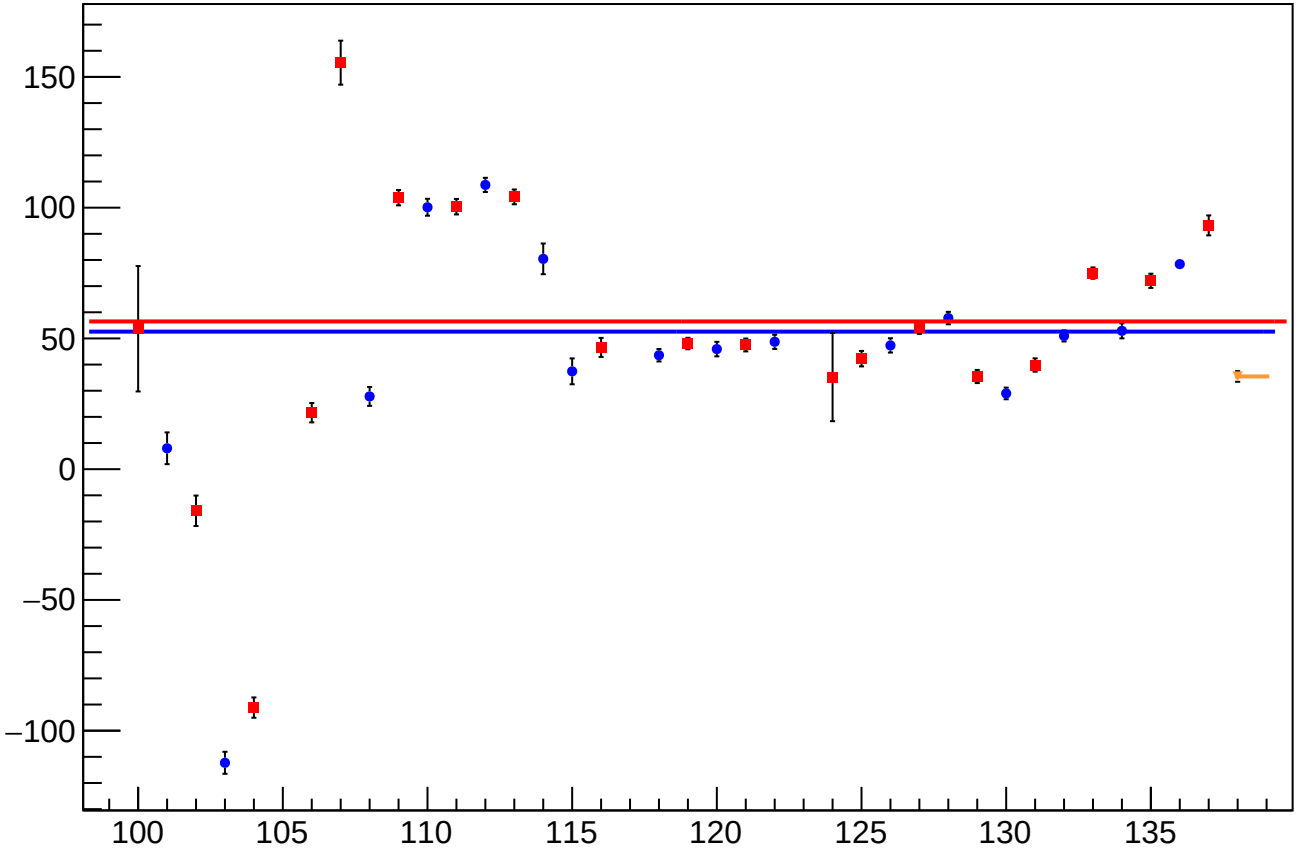
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 18.591+/-0.586 χ^2/NDF: 708.1/16

All: 20.101+/-0.427 χ^2/NDF: 1118.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 52.605+/-0.696 χ^2/NDF: 2659.4/15

Left Out: 35.460+/-2.041 χ^2/NDF:0.0/0

Right Out: 56.499+/-0.705 χ^2/NDF: 2965.5/18

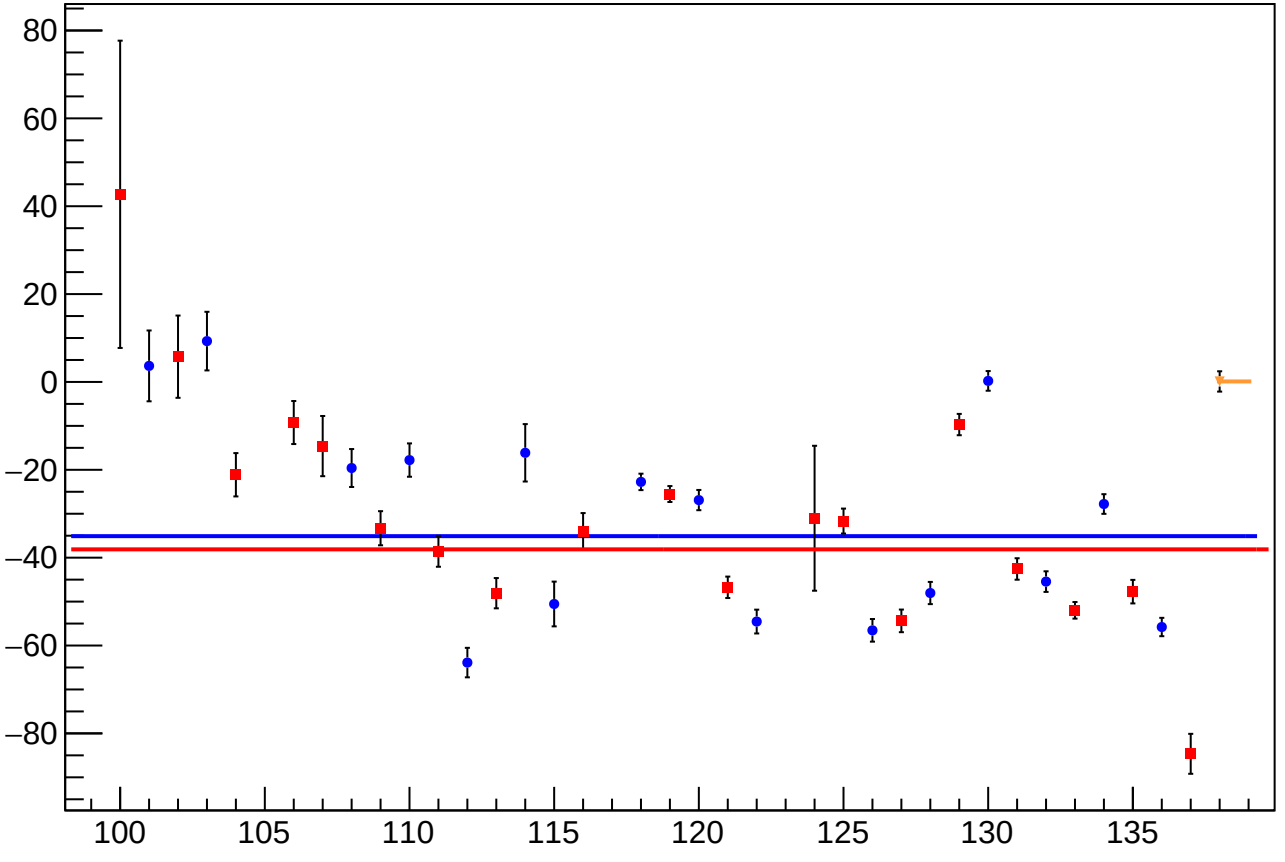
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 50.818+/-0.659 χ^2/NDF: 2722.6/16

All: 53.465+/-0.482 χ^2/NDF: 5722.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -35.104+/-0.700 χ^2/NDF: 773.2/15

Left Out: 0.114+/-2.313 χ^2/NDF:0.0/0

Right Out: -38.109+/-0.714 χ^2/NDF: 514.6/18

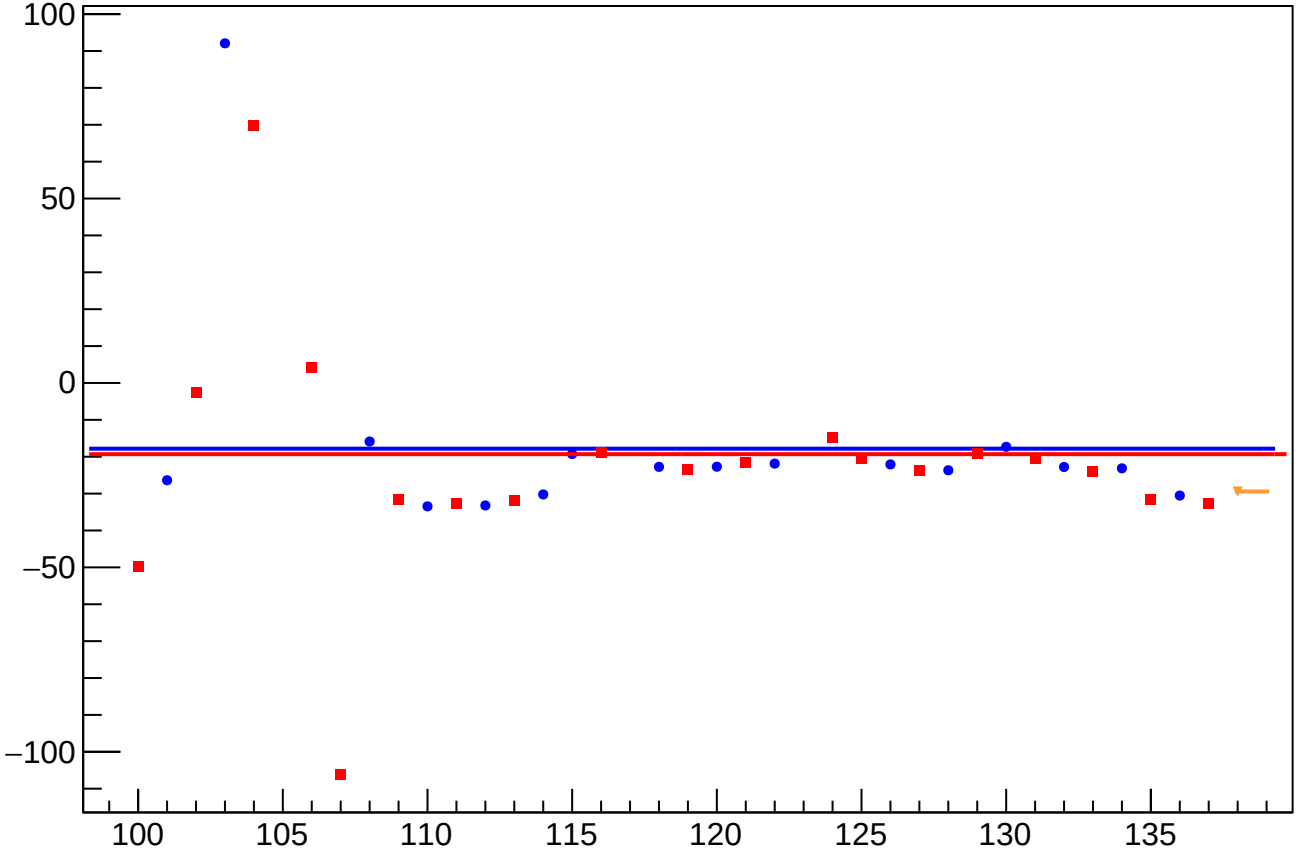
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -32.149+/-0.670 χ^2/NDF: 985.5/16

All: -34.940+/-0.489 χ^2/NDF: 1537.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -17.817+/-0.043 χ^2/NDF: 426105.1/15

Left Out: -29.434+/-0.080 χ^2/NDF:0.0/0

Right Out: -19.311+/-0.046 χ^2/NDF: 344626.7/18

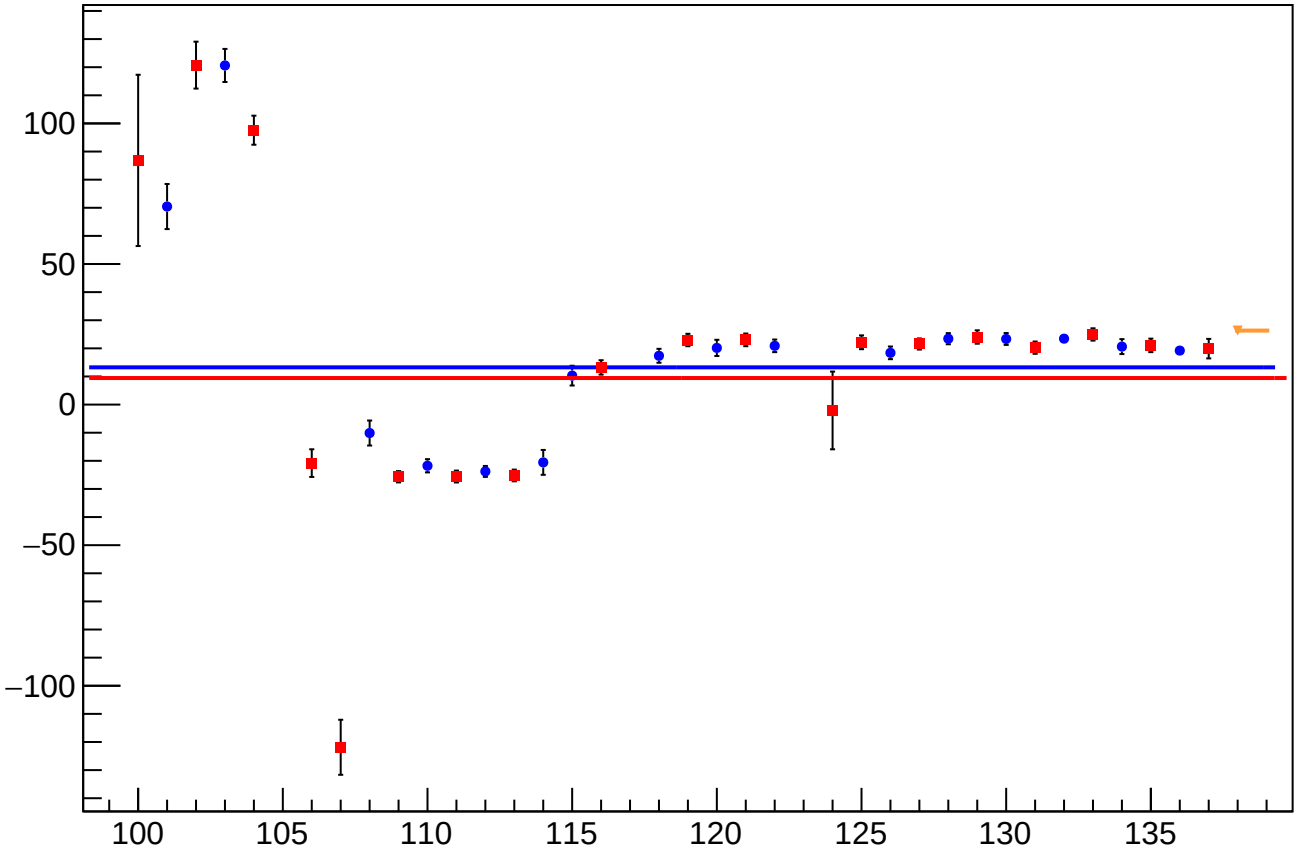
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -20.423+/-0.038 χ^2/NDF: 442304.7/16

All: -19.972+/-0.029 χ^2/NDF: 787277.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 13.250+/-0.615 χ^2/NDF: 1182.5/15

Left Out: 26.327+/-1.786 χ^2/NDF:0.0/0

Right Out: 9.450+/-0.615 χ^2/NDF: 1836.6/18

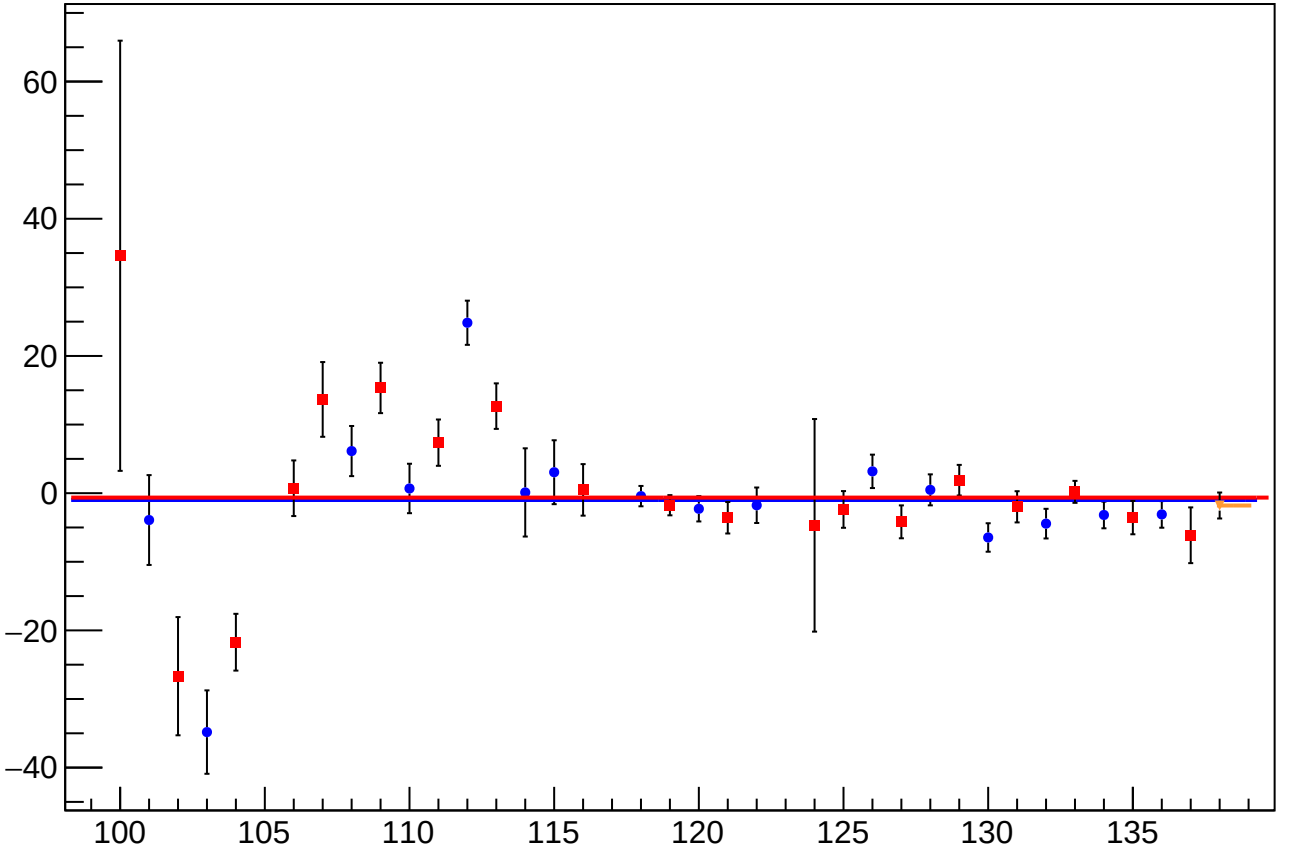
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.635+/-0.581 χ^2/NDF: 1230.4/16

All: 12.189+/-0.422 χ^2/NDF: 3104.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.993+/-0.619 χ^2/NDF: 116.3/15

Left Out: -1.798+/-1.893 χ^2/NDF:0.0/0

Right Out: -0.644+/-0.636 χ^2/NDF: 94.2/18

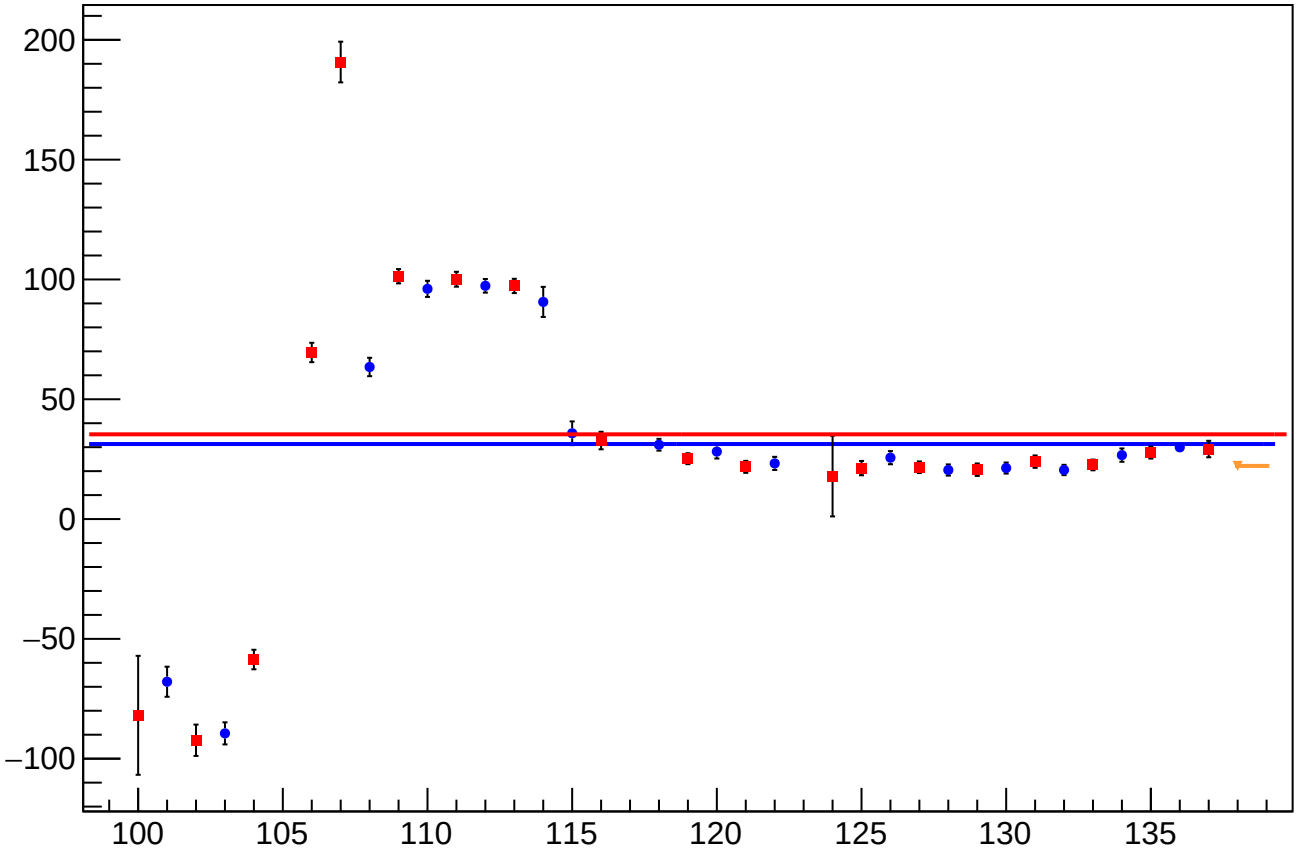
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.071+/-0.589 χ^2/NDF: 116.5/16

All: -0.874+/-0.432 χ^2/NDF: 211.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 31.310+/-0.700 χ^2/NDF: 2085.9/15

Left Out: 22.177+/-1.865 χ^2/NDF:0.0/0

Right Out: 35.366+/-0.717 χ^2/NDF: 2897.7/18

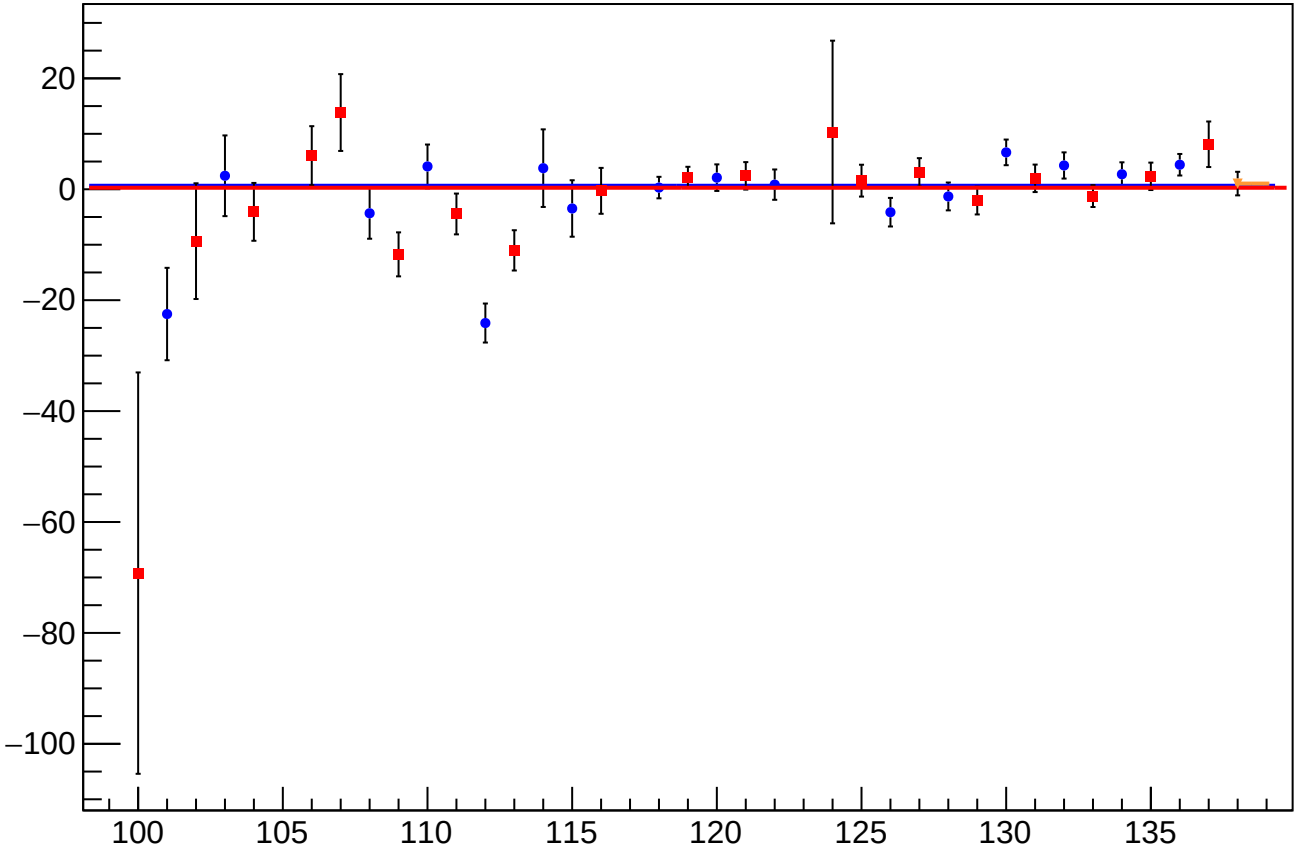
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.182+/-0.656 χ^2/NDF: 2106.9/16

All: 32.542+/-0.484 χ^2/NDF: 5033.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: 0.632+/-0.705 χ^2/NDF: 78.4/15

Left Out: 1.026+/-2.126 χ^2/NDF:0.0/0

Right Out: 0.274+/-0.726 χ^2/NDF: 40.5/18

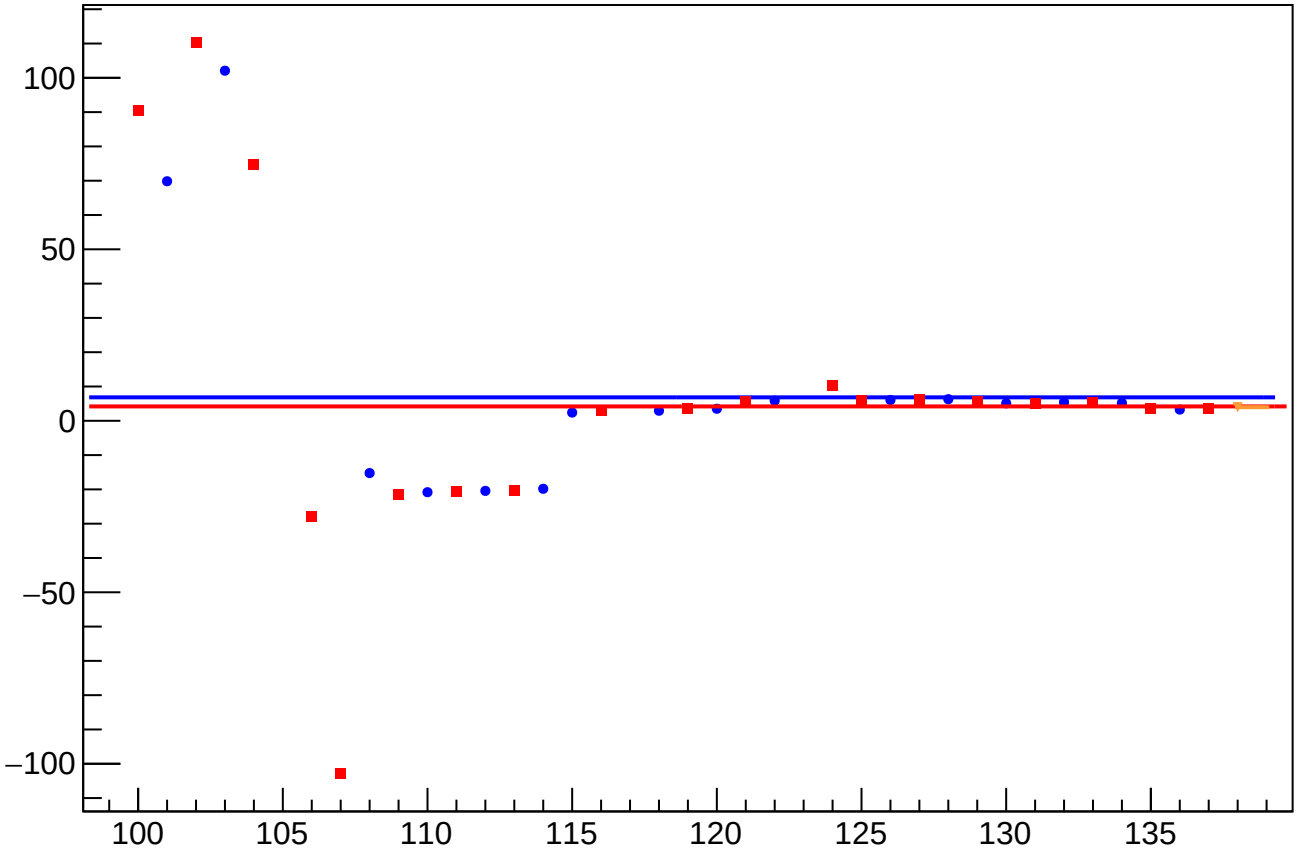
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.671+/-0.669 χ^2/NDF: 78.5/16

All: 0.489+/-0.492 χ^2/NDF: 119.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 6.838+/-0.043 χ^2/NDF: 320954.7/15

Left Out: 3.963+/-0.073 χ^2/NDF:0.0/0

Right Out: 4.190+/-0.046 χ^2/NDF: 434546.8/18

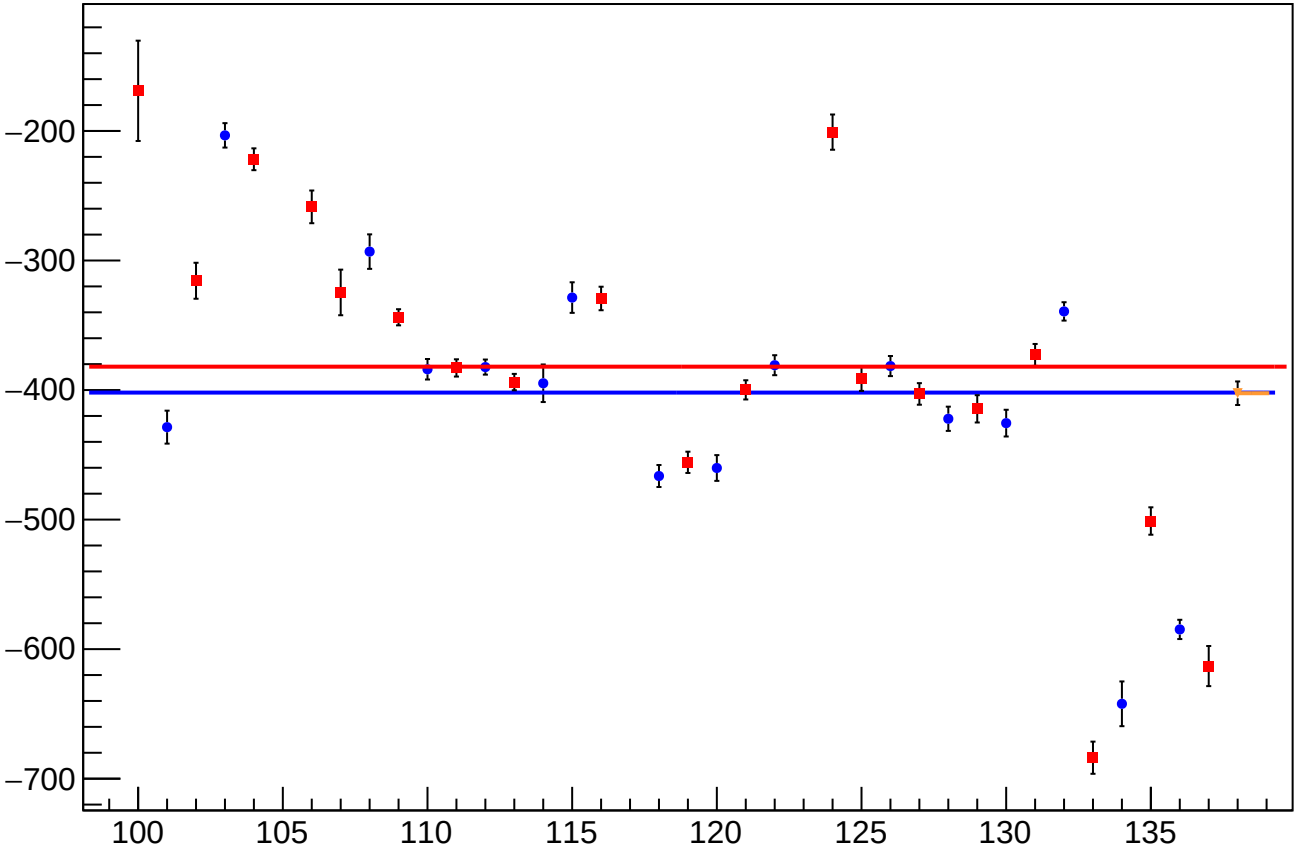
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.106+/-0.037 χ^2/NDF: 322101.4/16

All: 5.359+/-0.029 χ^2/NDF: 757692.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -401.961+/-2.236 χ^2/NDF: 1563.3/15

Left Out: -402.451+/-9.094 χ^2/NDF:0.0/0

Right Out: -381.949+/-2.124 χ^2/NDF: 1817.4/18

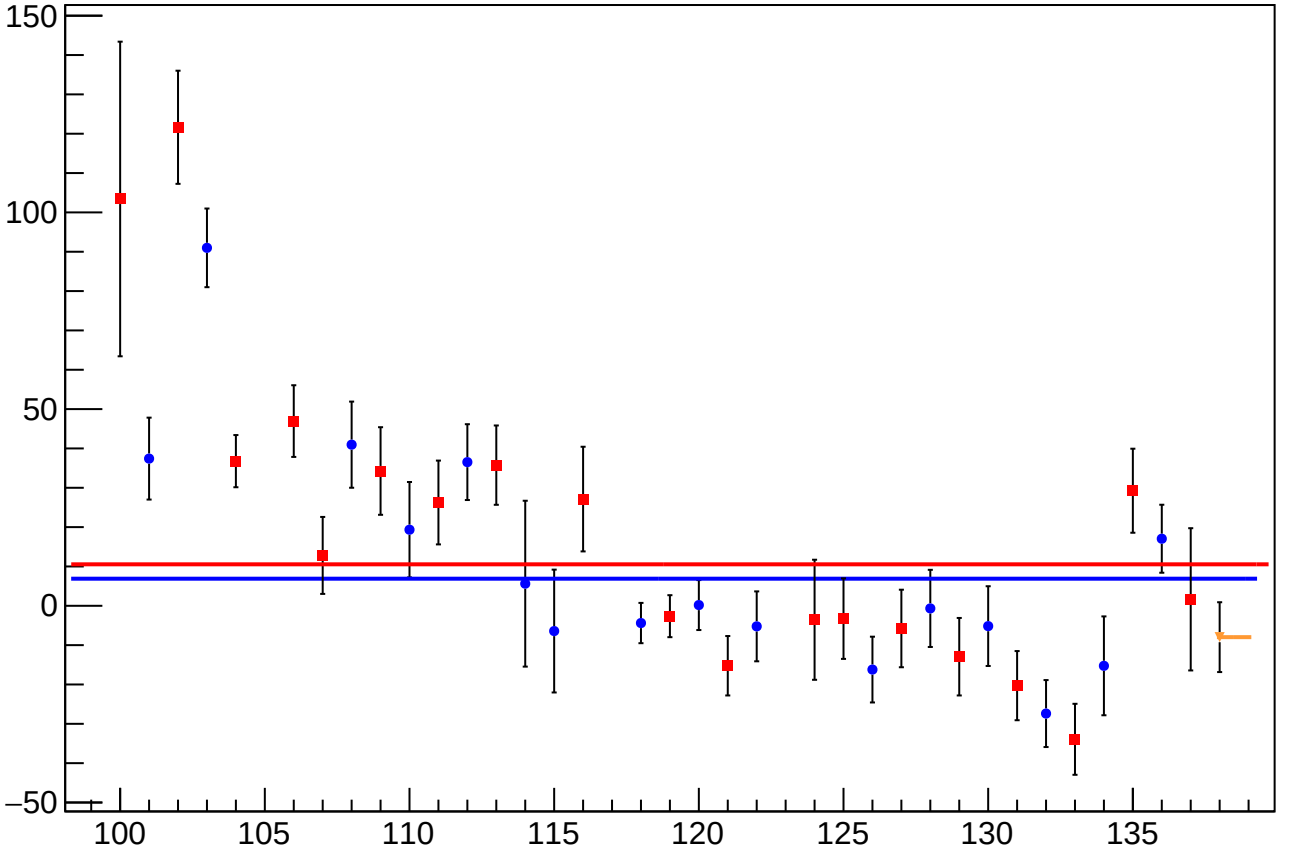
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -401.989+/-2.171 χ^2/NDF: 1563.3/16

All: -391.750+/-1.518 χ^2/NDF: 3424.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 6.889+/-2.264 χ^2/NDF: 138.4/15

Left Out: -7.970+/-8.876 χ^2/NDF:0.0/0

Right Out: 10.544+/-2.197 χ^2/NDF: 180.0/18

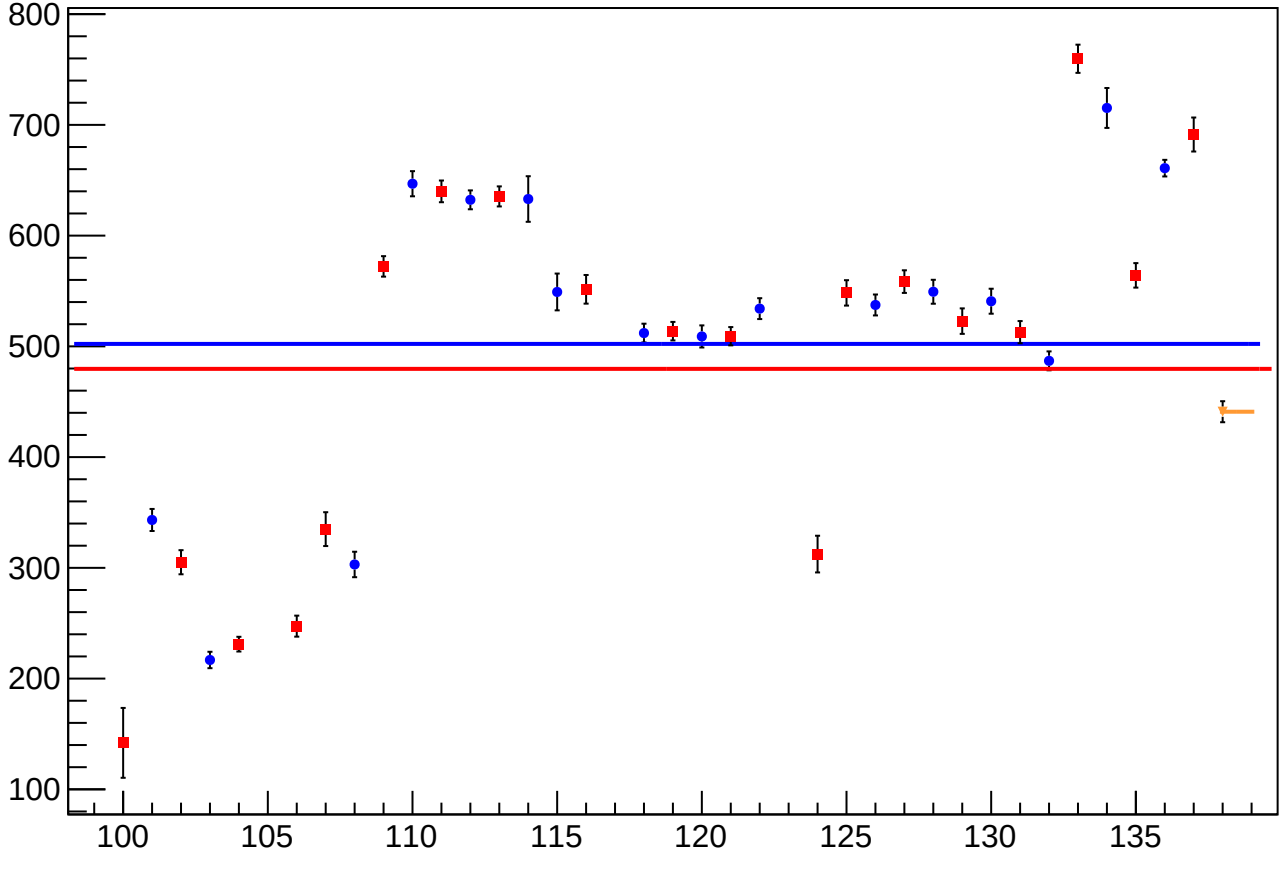
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 5.982+/-2.194 χ^2/NDF: 141.1/16

All: 8.259+/-1.552 χ^2/NDF: 323.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 502.213+/-2.493 χ^2/NDF: 3135.2/15

Left Out: 440.979+/-9.487 χ^2/NDF:0.0/0

Right Out: 479.679+/-2.399 χ^2/NDF: 4138.5/18

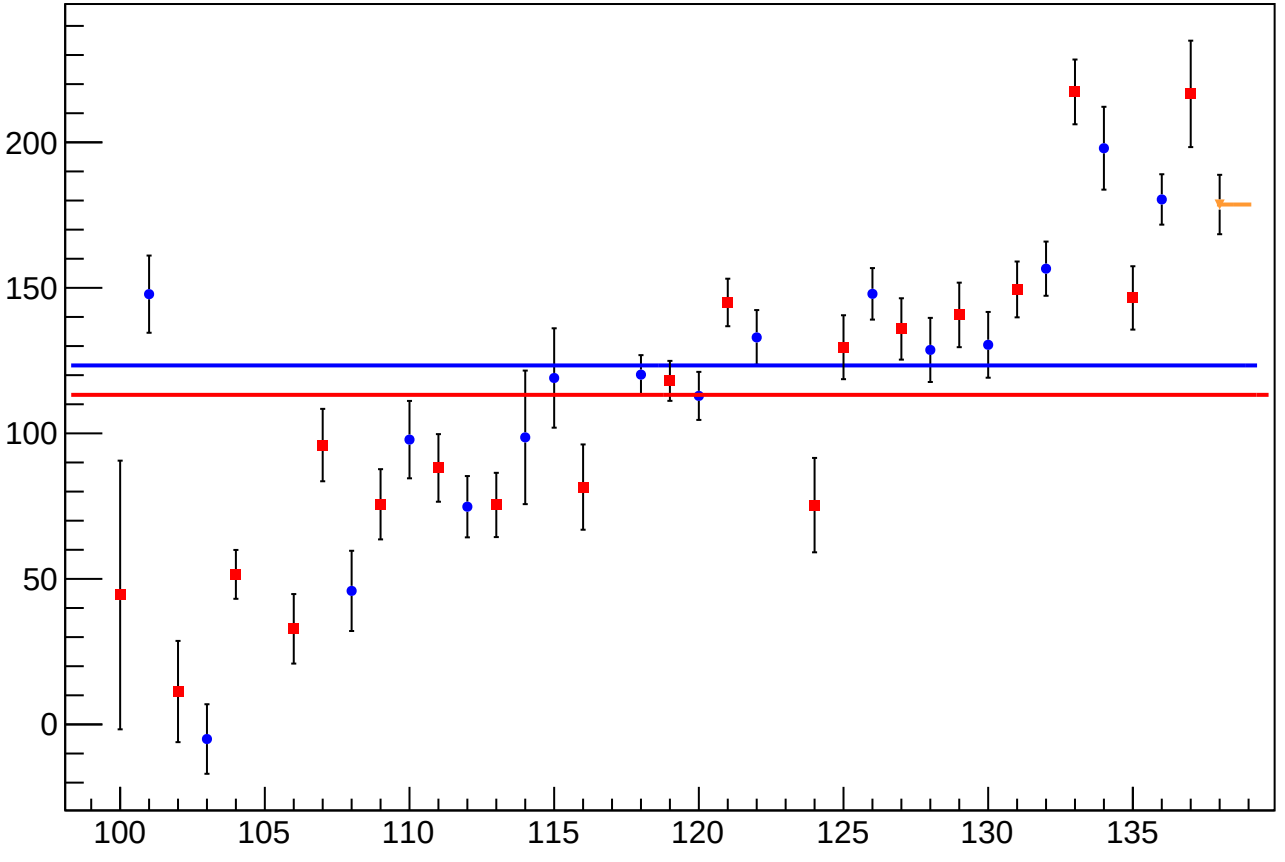
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 498.259+/-2.411 χ^2/NDF: 3174.1/16

All: 488.923+/-1.701 χ^2/NDF: 7342.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 123.344+/-2.627 χ^2/NDF: 271.4/15

Left Out: 178.632+/-10.205 χ^2/NDF:0.0/0

Right Out: 113.235+/-2.545 χ^2/NDF: 345.8/18

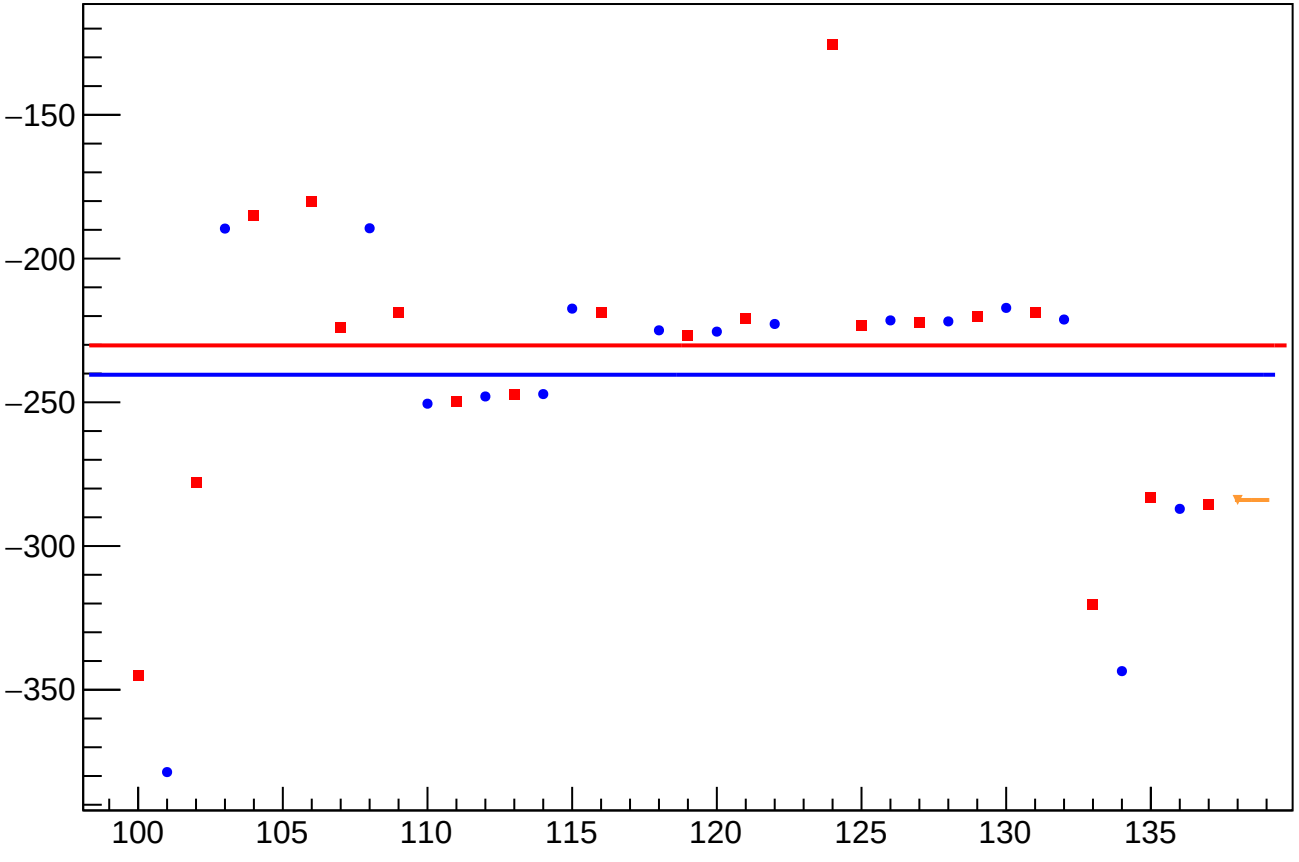
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 126.780+/-2.544 χ^2/NDF: 298.9/16

All: 120.010+/-1.799 χ^2/NDF: 658.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -240.411+/-0.151 χ^2/NDF: 134152.1/15

Left Out: -283.981+/-0.382 χ^2/NDF:0.0/0

Right Out: -230.207+/-0.146 χ^2/NDF: 83431.4/18

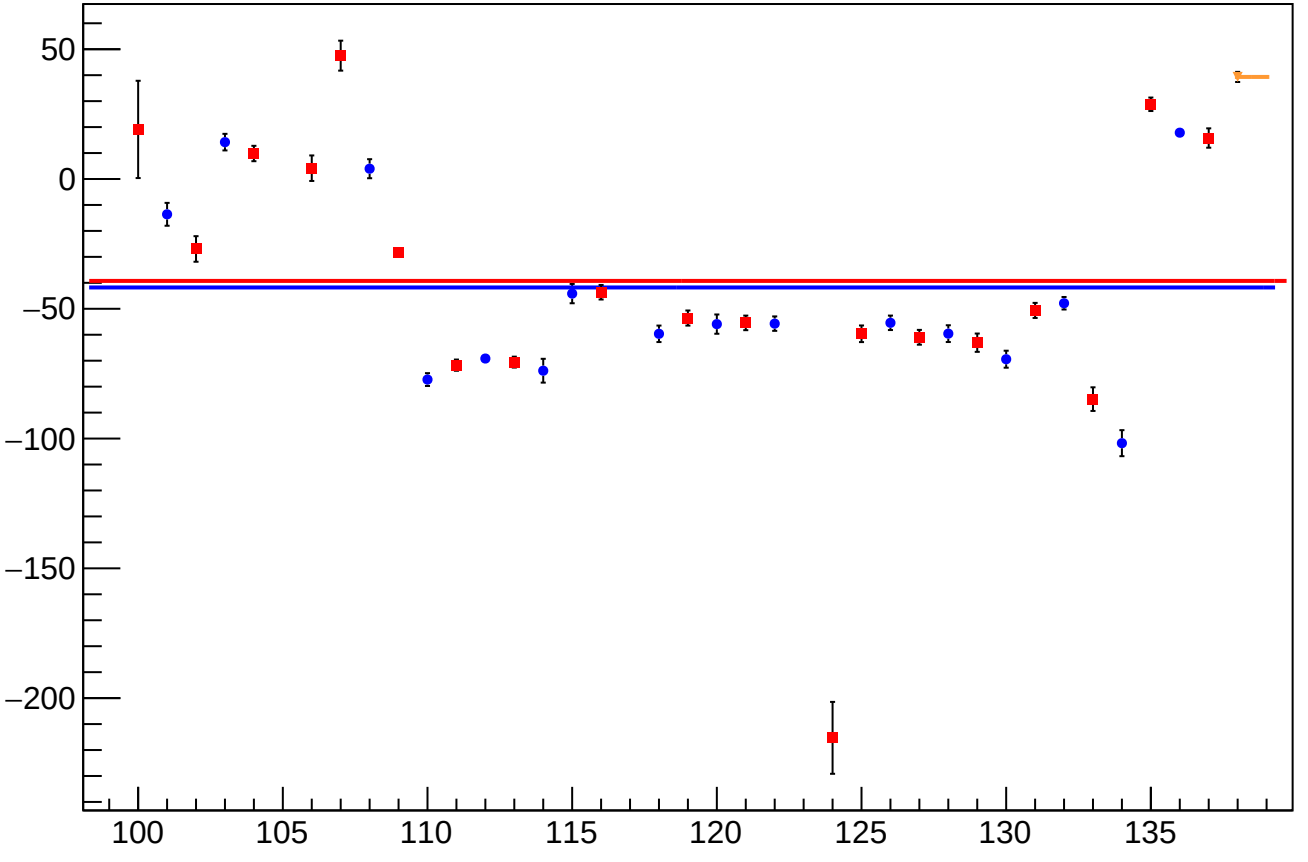
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -246.262+/-0.140 χ^2/NDF: 145388.8/16

All: -238.590+/-0.101 χ^2/NDF: 235091.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -41.788+/-0.723 χ^2/NDF: 2405.5/15

Left Out: 39.322+/-1.950 χ^2/NDF:0.0/0

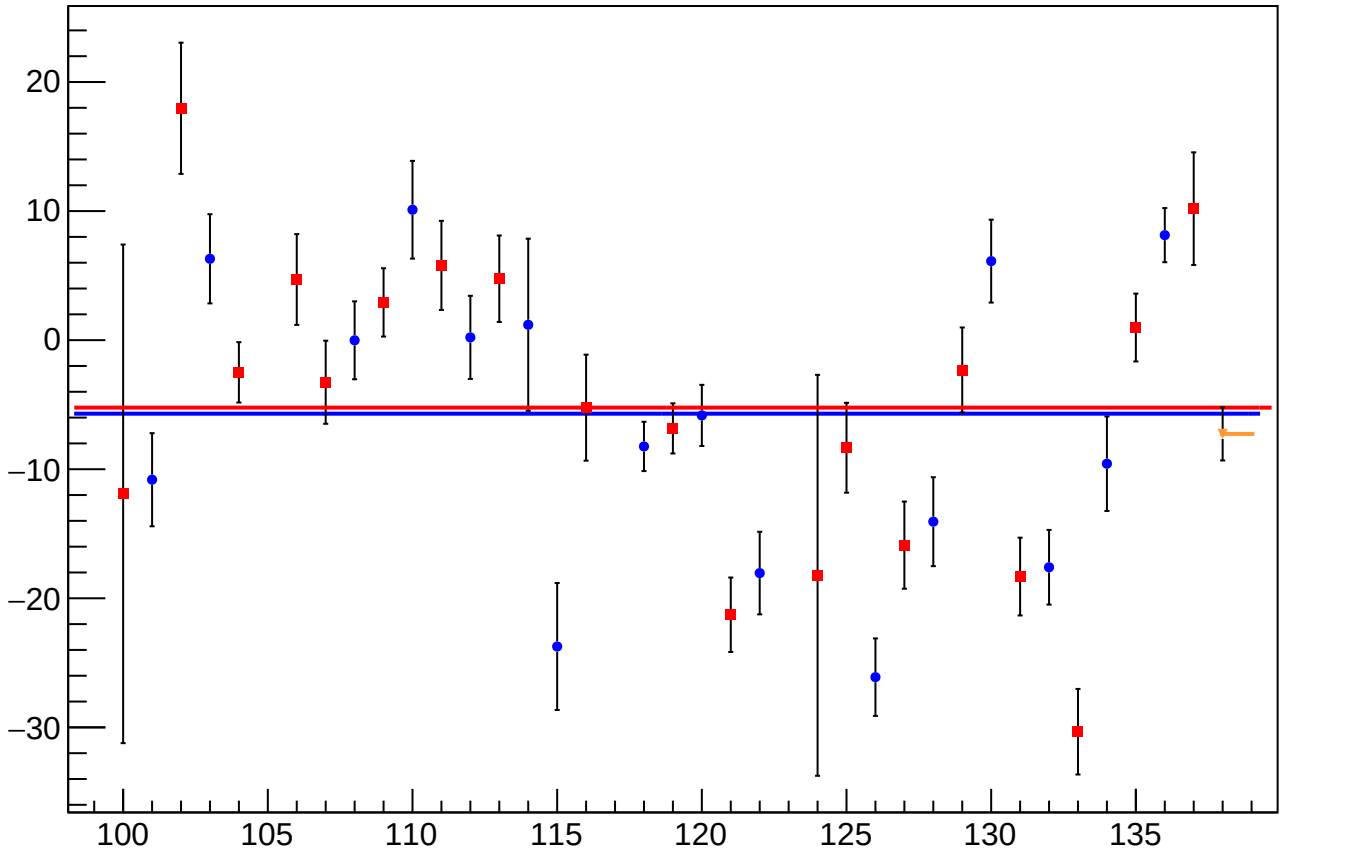
Right Out: -39.263+/-0.680 χ^2/NDF: 2478.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -31.983+/-0.678 χ^2/NDF: 3926.3/16

All: -35.614+/-0.480 χ^2/NDF: 6462.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -5.697+/-0.753 χ^2/NDF: 196.7/15

Left Out: -7.266+/-2.054 χ^2/NDF:0.0/0

Right Out: -5.227+/-0.740 χ^2/NDF: 197.3/18

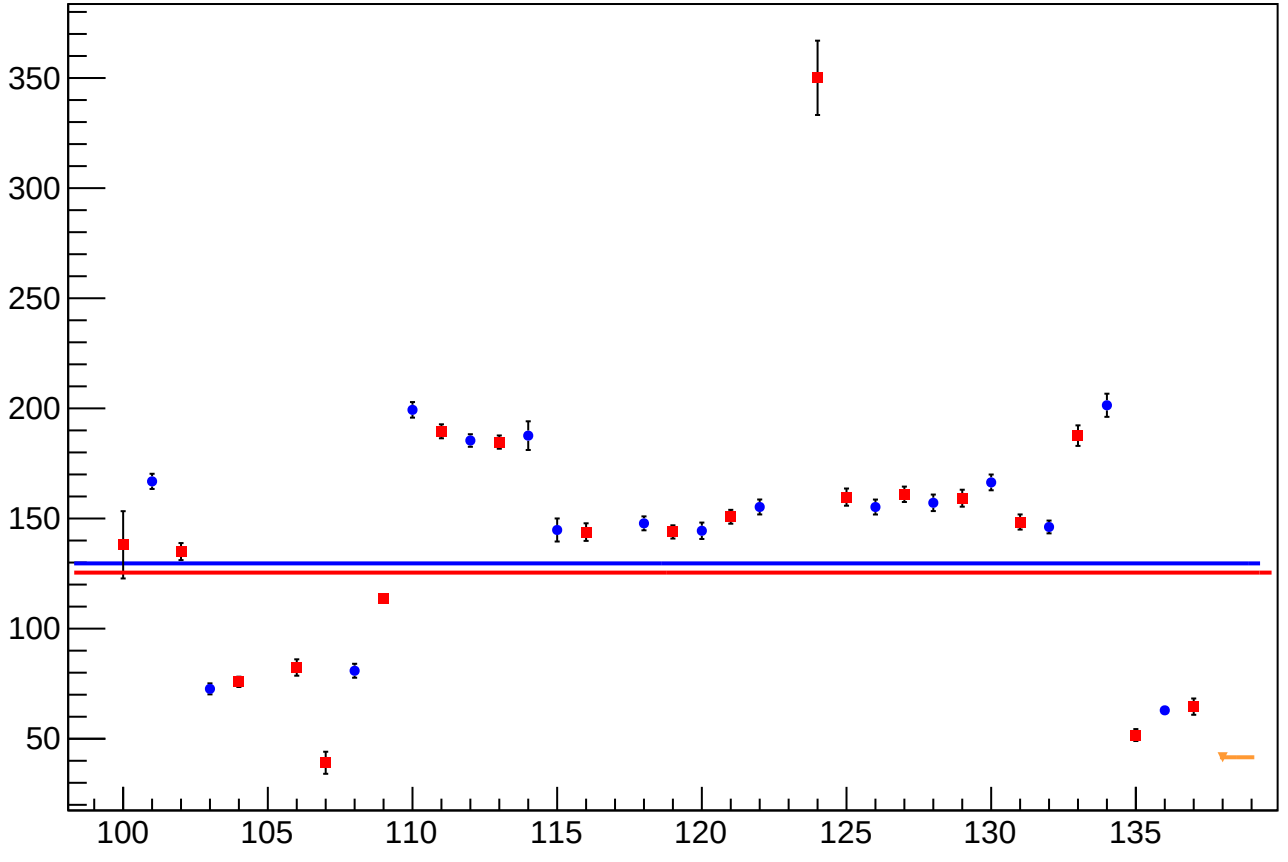
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.883+/-0.707 χ^2/NDF: 197.2/16

All: -5.570+/-0.511 χ^2/NDF: 395.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 129.621+/-0.801 χ^2/NDF: 3624.4/15

Left Out: 41.590+/-2.036 χ^2/NDF:0.0/0

Right Out: 125.435+/-0.790 χ^2/NDF: 3503.2/18

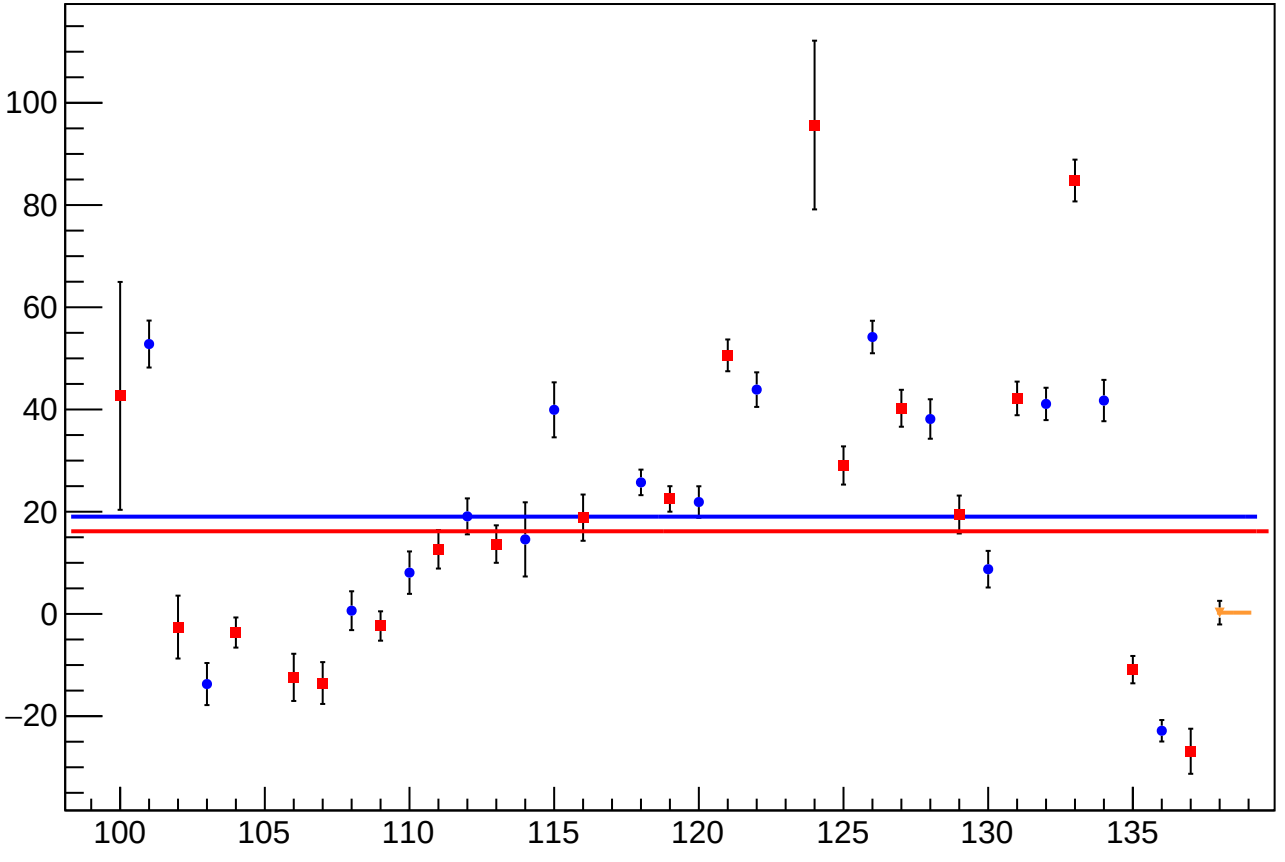
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 117.833+/-0.745 χ^2/NDF: 5243.3/16

All: 121.413+/-0.542 χ^2/NDF: 8795.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 19.035+/-0.860 χ^2/NDF: 858.1/15

Left Out: 0.251+/-2.311 χ^2/NDF:0.0/0

Right Out: 16.173+/-0.846 χ^2/NDF: 941.3/18

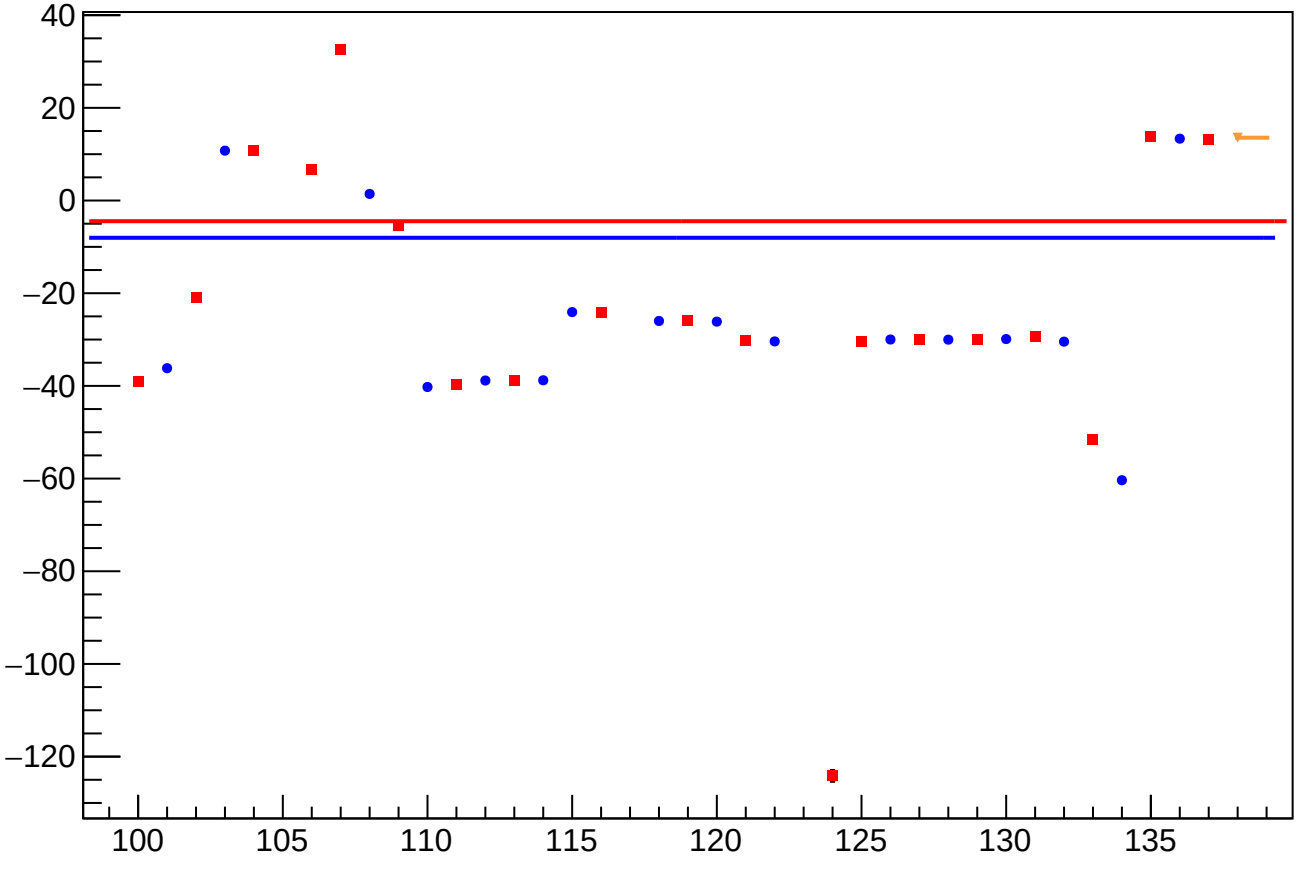
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.750+/-0.806 χ^2/NDF: 916.1/16

All: 16.475+/-0.583 χ^2/NDF: 1857.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -8.038+/-0.046 χ^2/NDF: 267883.6/15

Left Out: 13.557+/-0.080 χ^2/NDF:0.0/0

Right Out: -4.461+/-0.047 χ^2/NDF: 228422.2/18

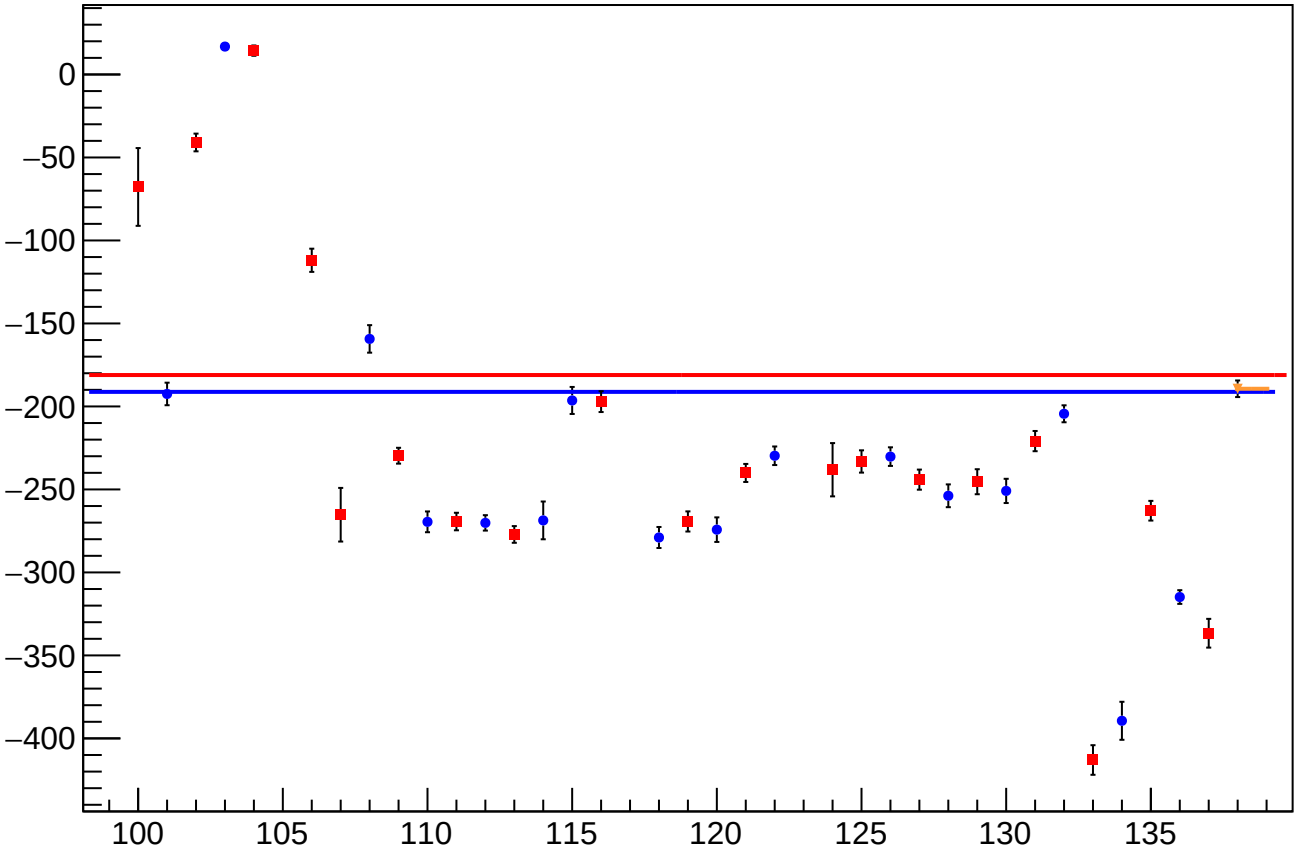
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.713+/-0.040 χ^2/NDF: 322637.0/16

All: -3.446+/-0.030 χ^2/NDF: 551869.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -191.225+/-1.419 χ^2/NDF: 7224.7/15

Left Out: -189.351+/-5.000 χ^2/NDF:0.0/0

Right Out: -181.080+/-1.383 χ^2/NDF: 7374.0/18

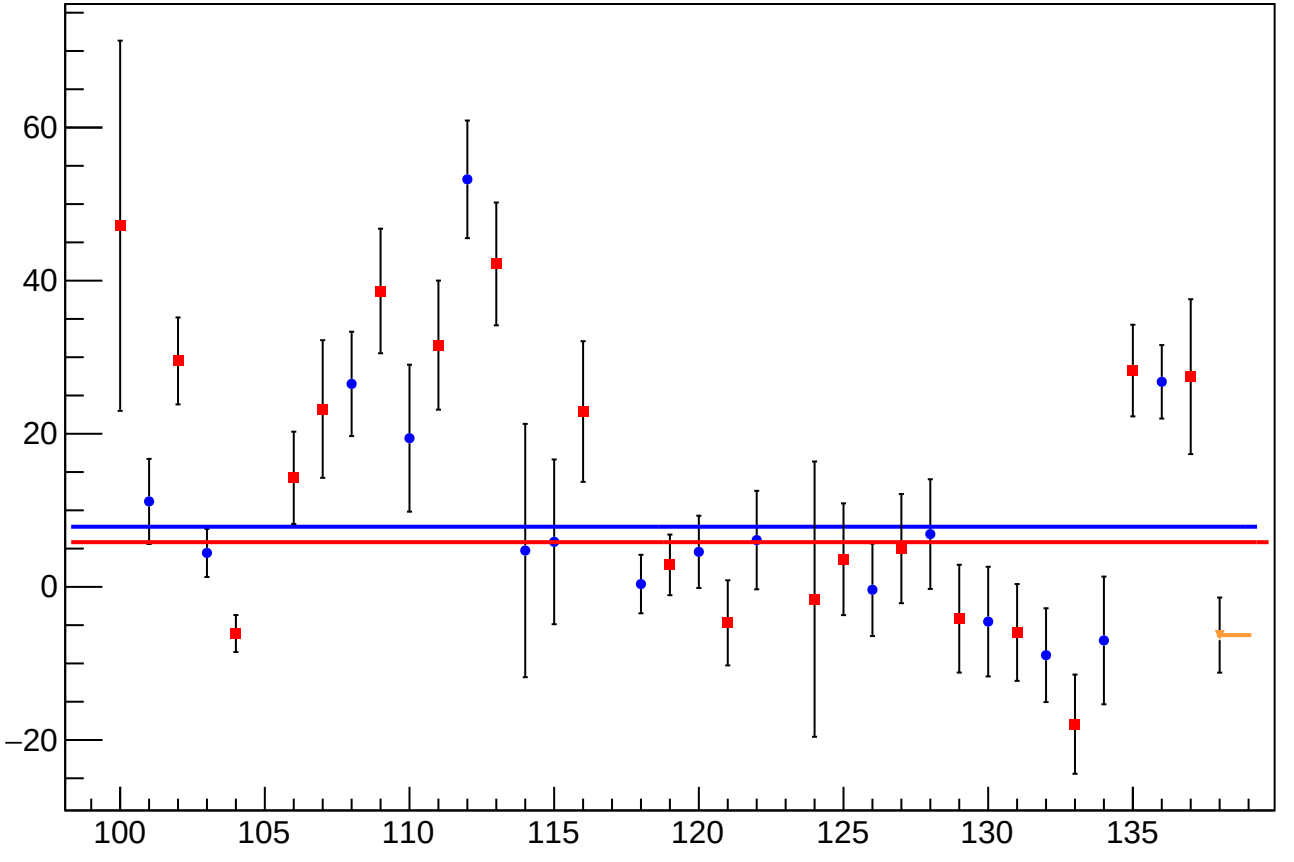
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -191.085+/-1.365 χ^2/NDF: 7224.8/16

All: -186.147+/-0.971 χ^2/NDF: 14625.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.859+/-1.438 χ^2/NDF: 80.9/15

Left Out: -6.297+/-4.908 χ^2/NDF:0.0/0

Right Out: 5.839+/-1.355 χ^2/NDF: 141.9/18

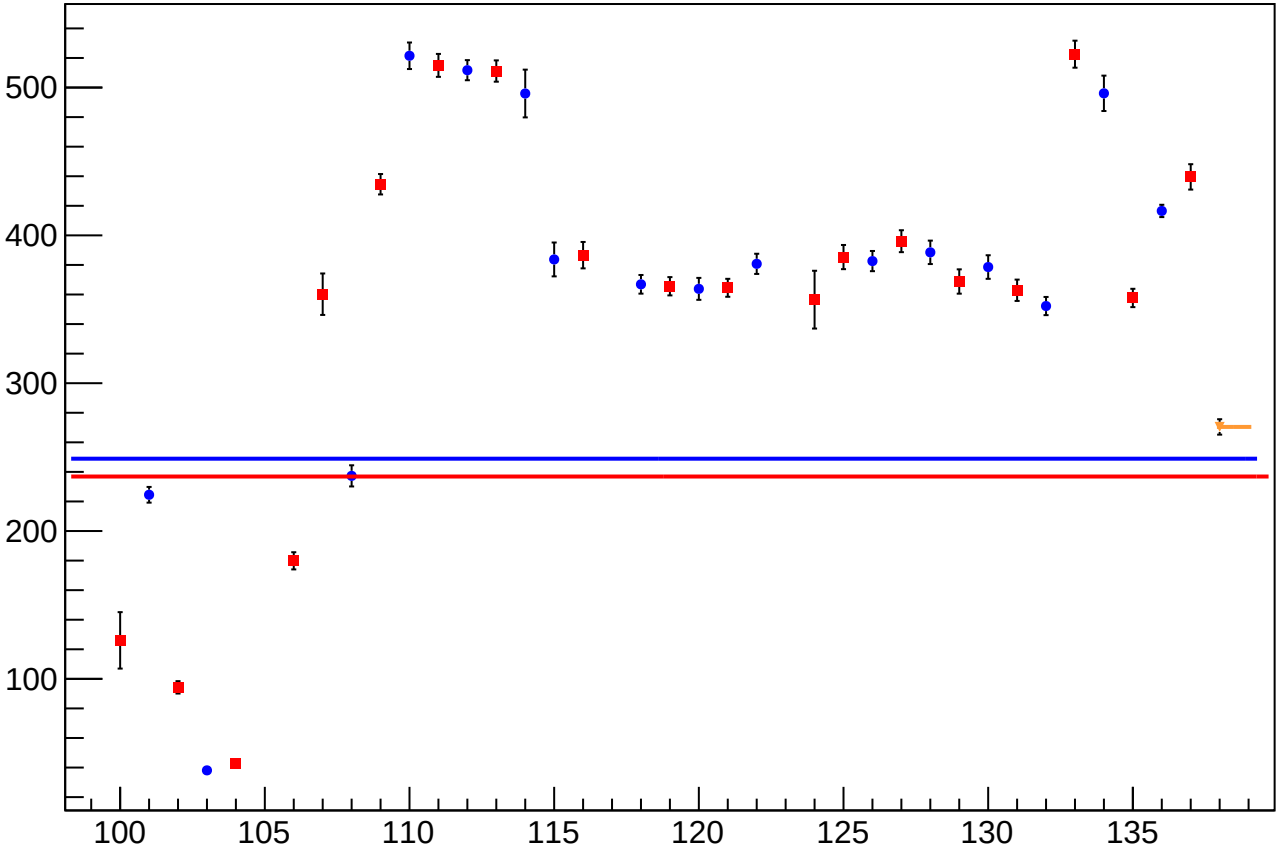
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.740+/-1.380 χ^2/NDF: 88.6/16

All: 6.281+/-0.967 χ^2/NDF: 230.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 248.932+/-1.422 χ^2/NDF: 15302.2/15

Left Out: 270.420+/-5.217 χ^2/NDF:0.0/0

Right Out: 236.871+/-1.407 χ^2/NDF: 15657.3/18

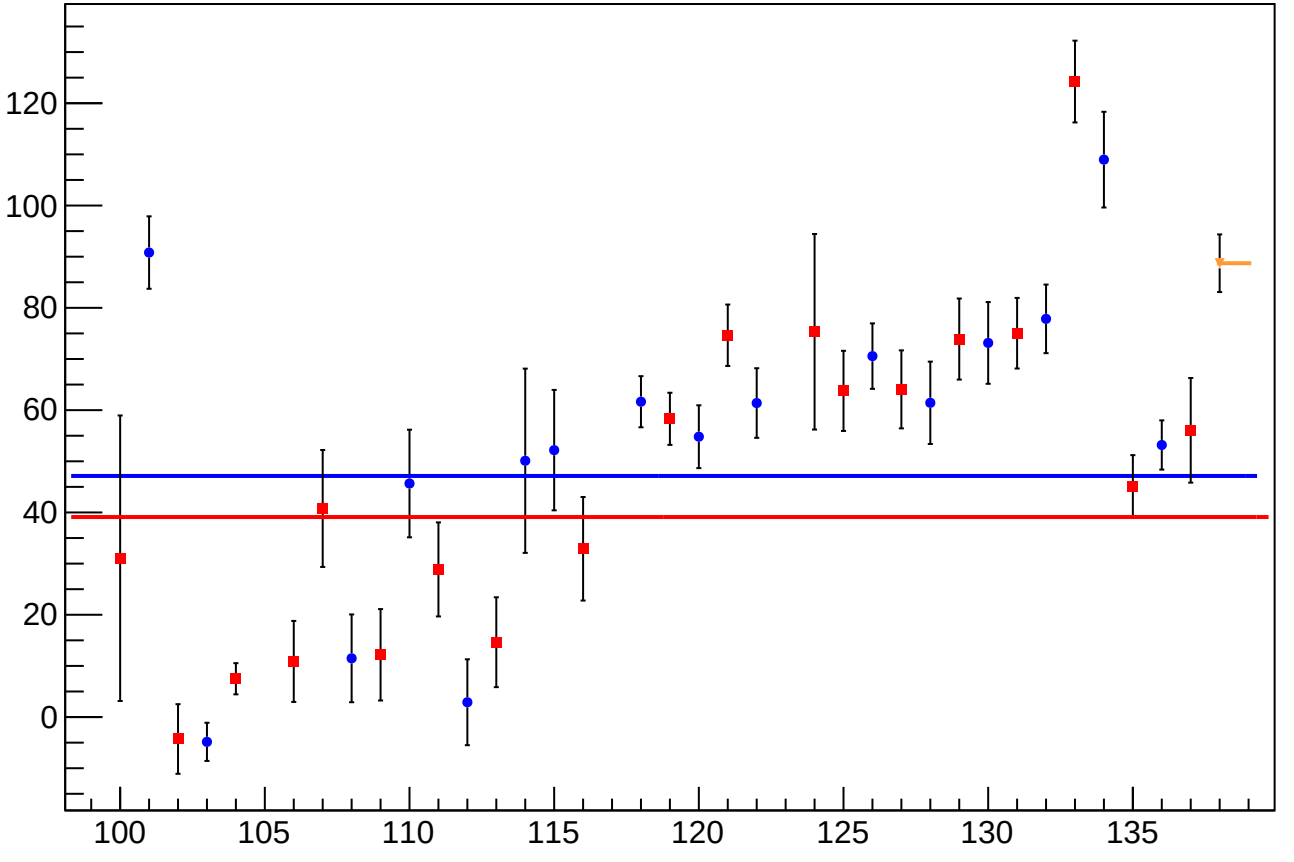
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 250.418+/-1.372 χ^2/NDF: 15318.0/16

All: 243.815+/-0.982 χ^2/NDF: 31022.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 47.137+/-1.668 χ^2/NDF: 385.3/15

Left Out: 88.719+/-5.633 χ^2/NDF:0.0/0

Right Out: 39.105+/-1.596 χ^2/NDF: 416.5/18

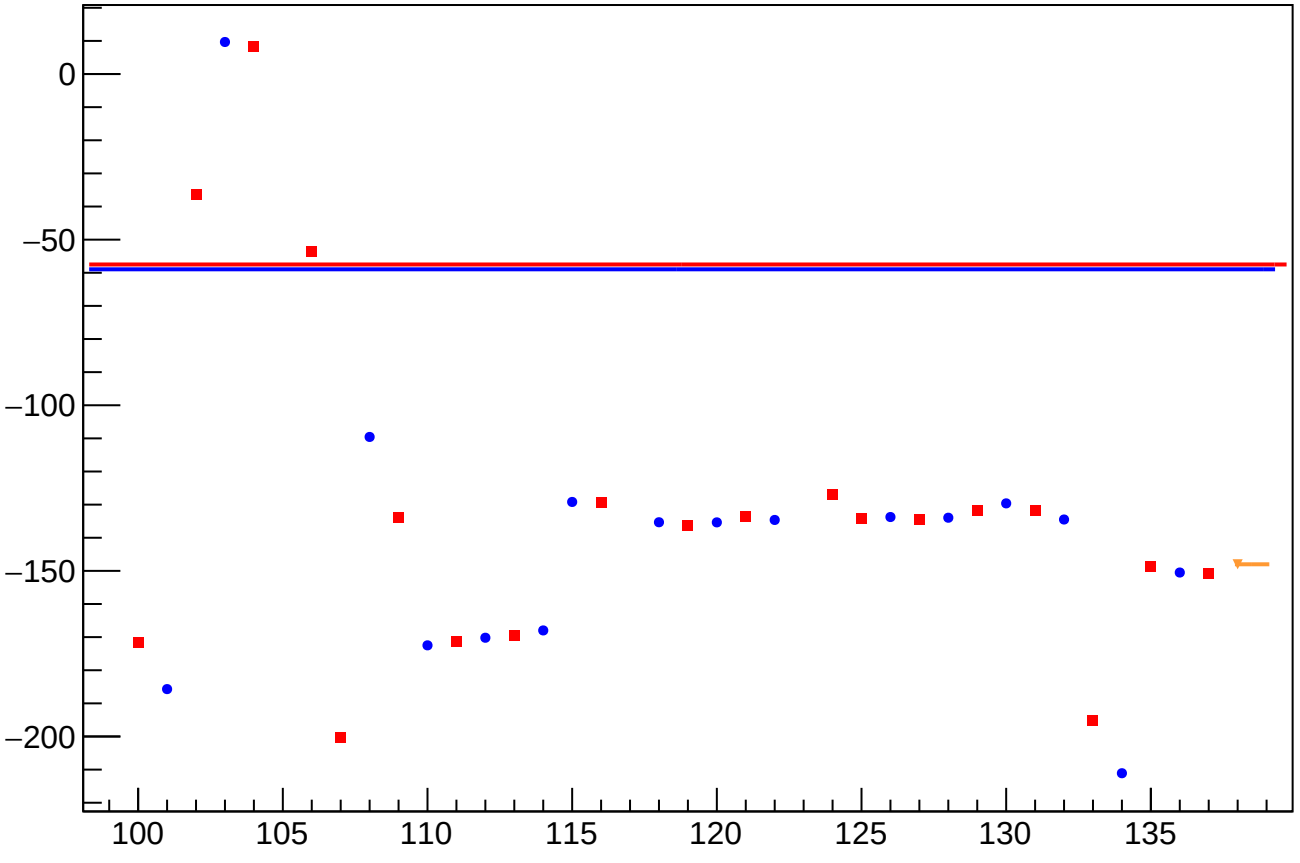
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 50.488+/-1.599 χ^2/NDF: 435.4/16

All: 44.785+/-1.130 χ^2/NDF: 877.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -58.956+/-0.073 χ^2/NDF: 1227079.0/15

Left Out: -148.013+/-0.210 χ^2/NDF:0.0/0

Right Out: -57.497+/-0.074 χ^2/NDF: 871305.9/18

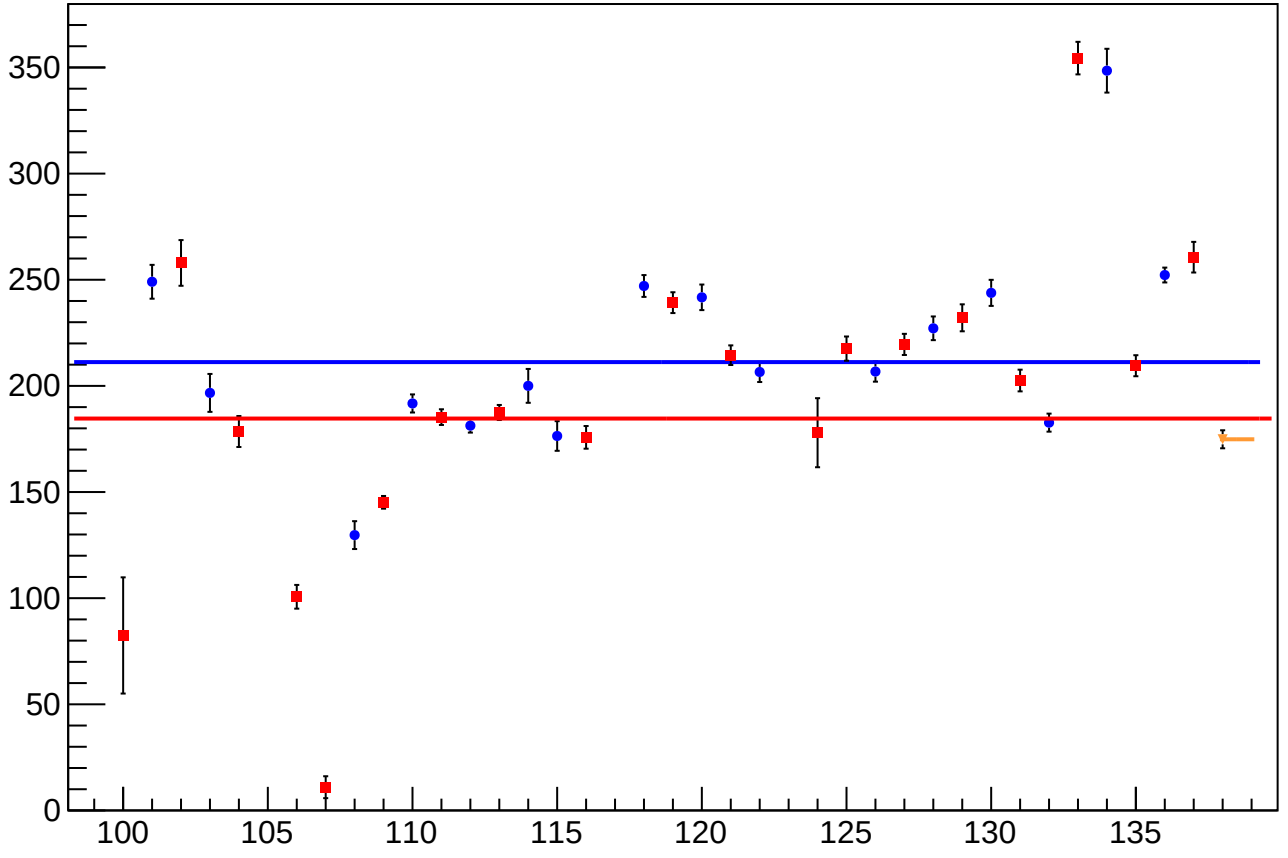
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -68.477+/-0.069 χ^2/NDF: 1387925.1/16

All: -63.420+/-0.050 χ^2/NDF: 2271025.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 211.210+/-1.296 χ^2/NDF: 783.0/15

Left Out: 174.847+/-4.242 χ^2/NDF:0.0/0

Right Out: 184.614+/-1.194 χ^2/NDF: 2540.4/18

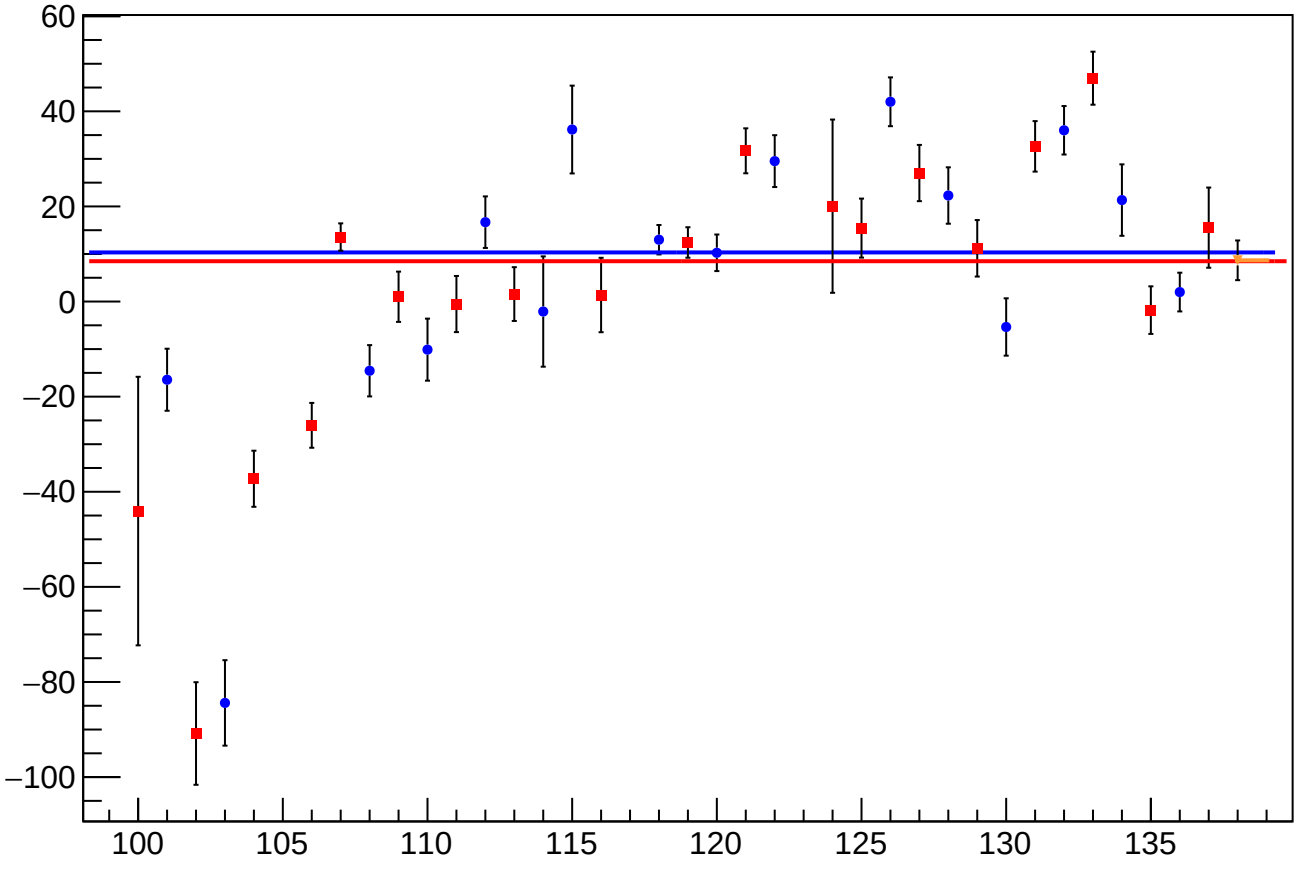
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 208.106+/-1.239 χ^2/NDF: 850.2/16

All: 195.922+/-0.860 χ^2/NDF: 3576.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 10.329+/-1.333 χ^2/NDF: 263.3/15

Left Out: 8.668+/-4.174 χ^2/NDF:0.0/0

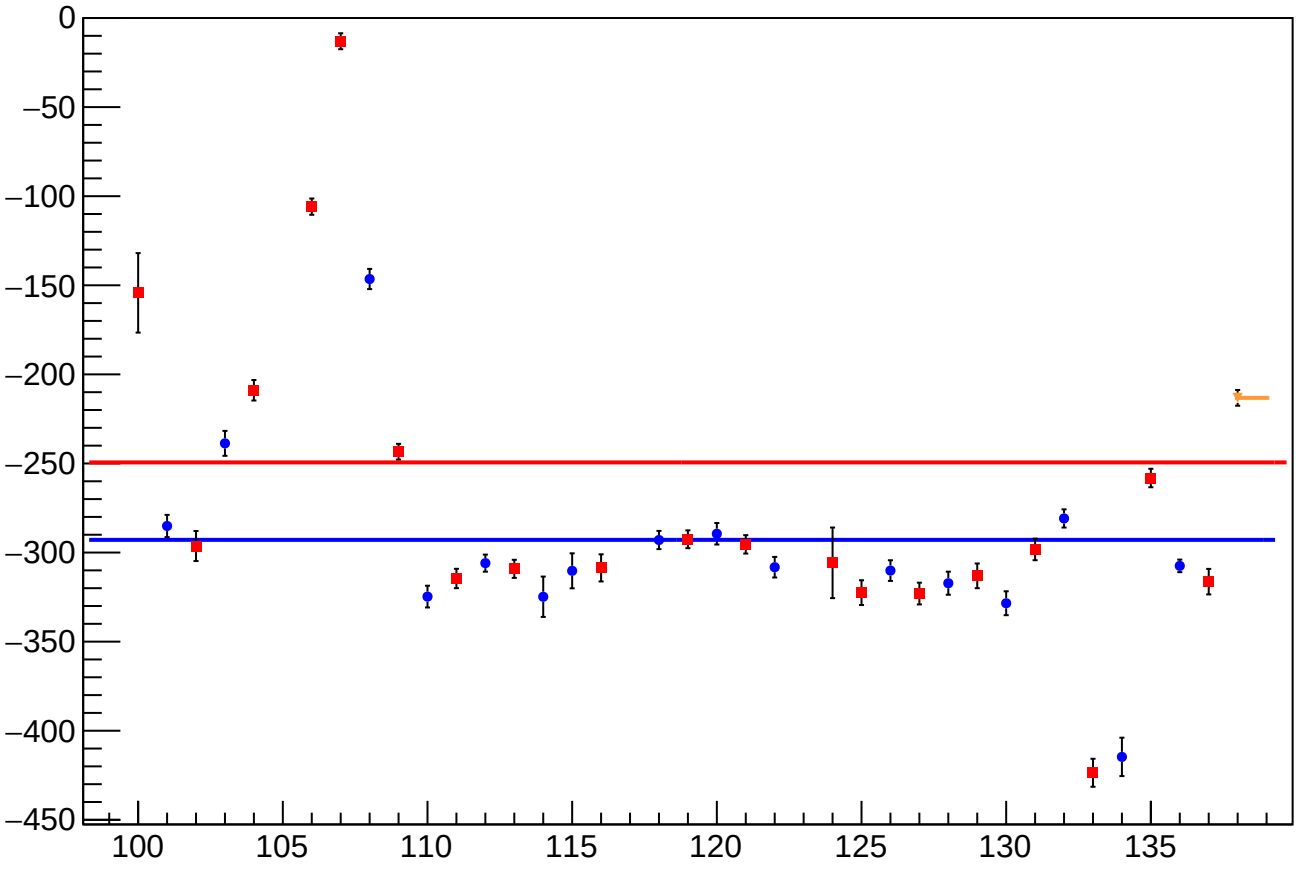
Right Out: 8.480+/-1.225 χ^2/NDF: 322.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 10.175+/-1.270 χ^2/NDF: 263.4/16

All: 9.297+/-0.881 χ^2/NDF: 586.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -292.872+/-1.467 χ^2/NDF: 983.5/15

Left Out: -213.176+/-4.426 χ^2/NDF:0.0/0

Right Out: -249.407+/-1.369 χ^2/NDF: 5368.5/18

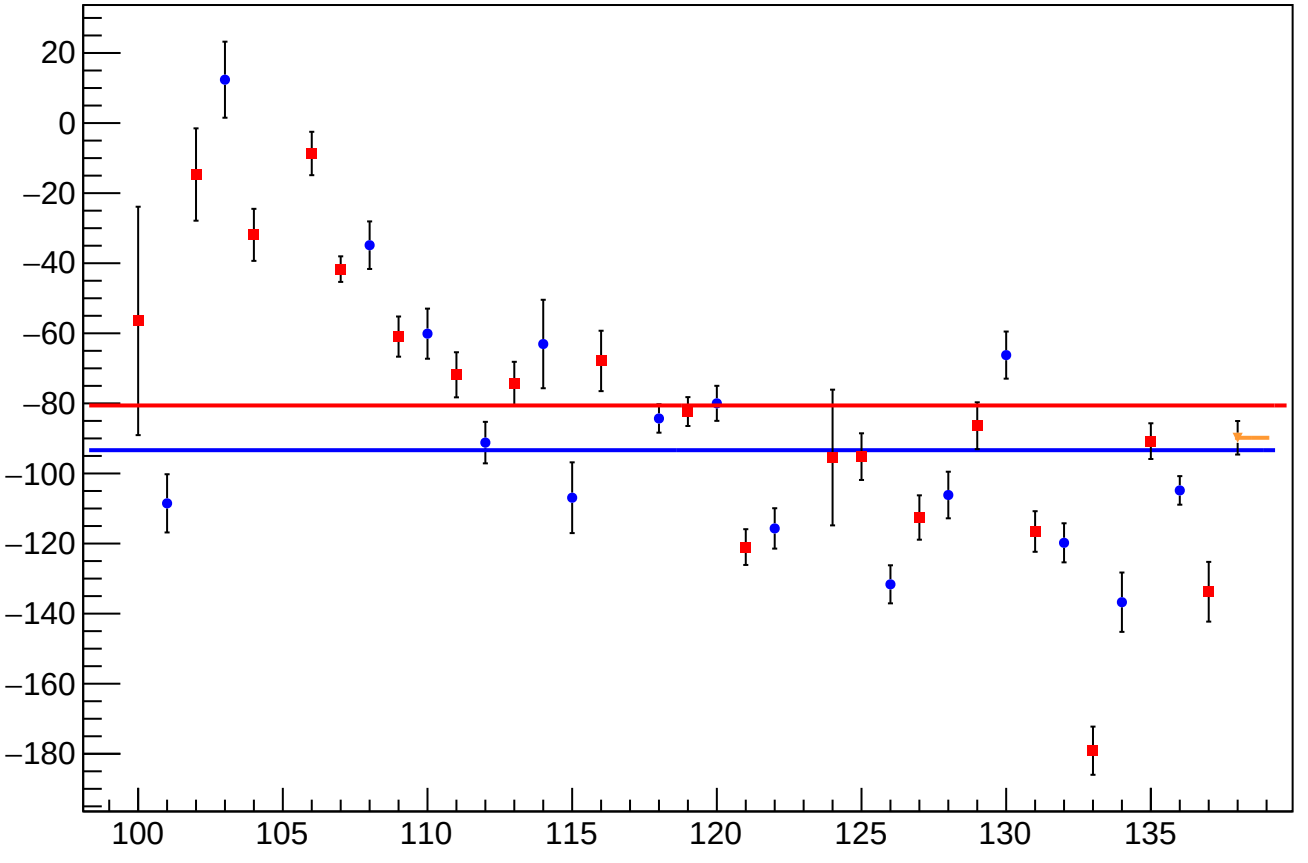
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -284.977+/-1.393 χ^2/NDF: 1275.7/16

All: -266.880+/-0.976 χ^2/NDF: 6975.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -93.357+/-1.534 χ^2/NDF: 355.3/15

Left Out: -89.816+/-4.787 χ^2/NDF:0.0/0

Right Out: -80.592+/-1.424 χ^2/NDF: 715.3/18

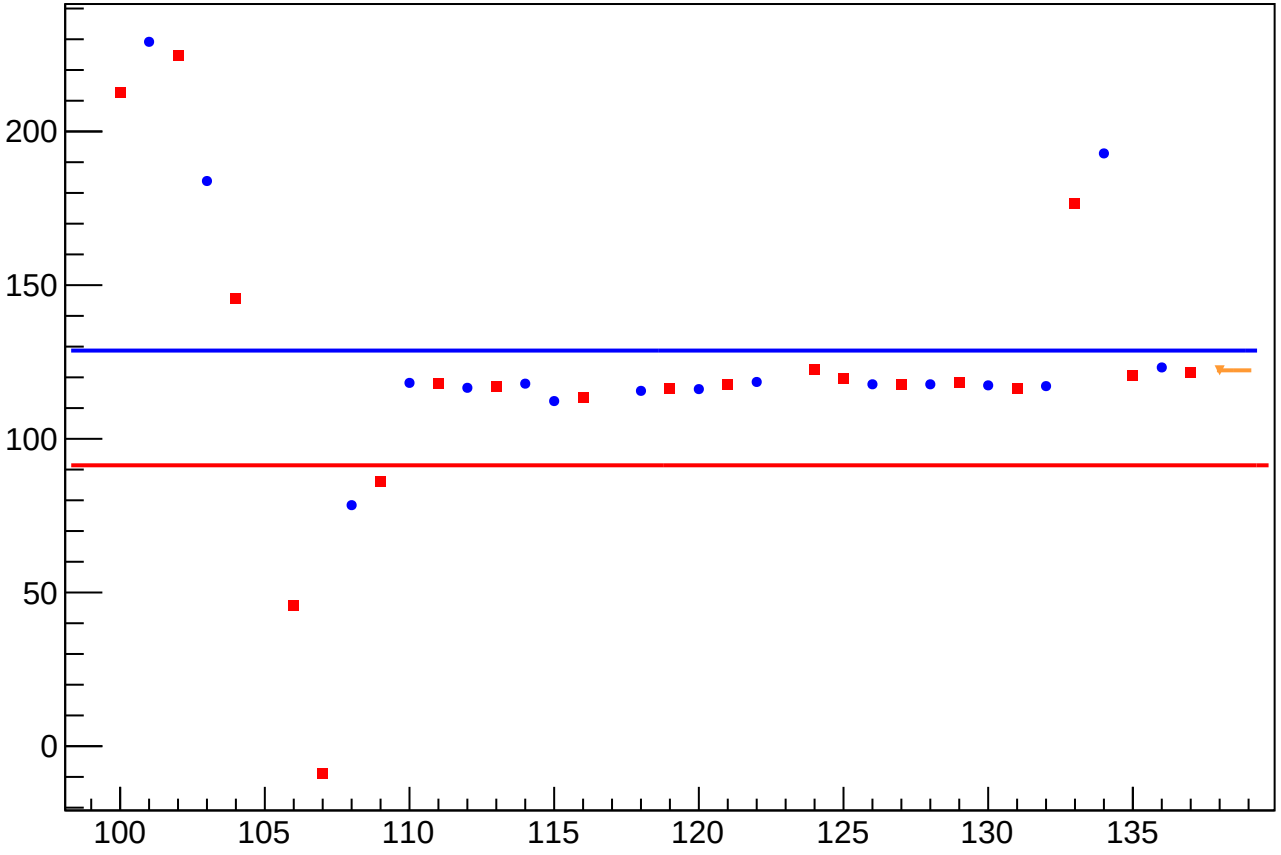
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -93.027+/-1.461 χ^2/NDF: 355.8/16

All: -86.649+/-1.020 χ^2/NDF: 1108.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 128.715+/-0.089 χ^2/NDF: 183522.8/15

Left Out: 122.283+/-0.178 χ^2/NDF:0.0/0

Right Out: 91.385+/-0.079 χ^2/NDF: 604912.4/18

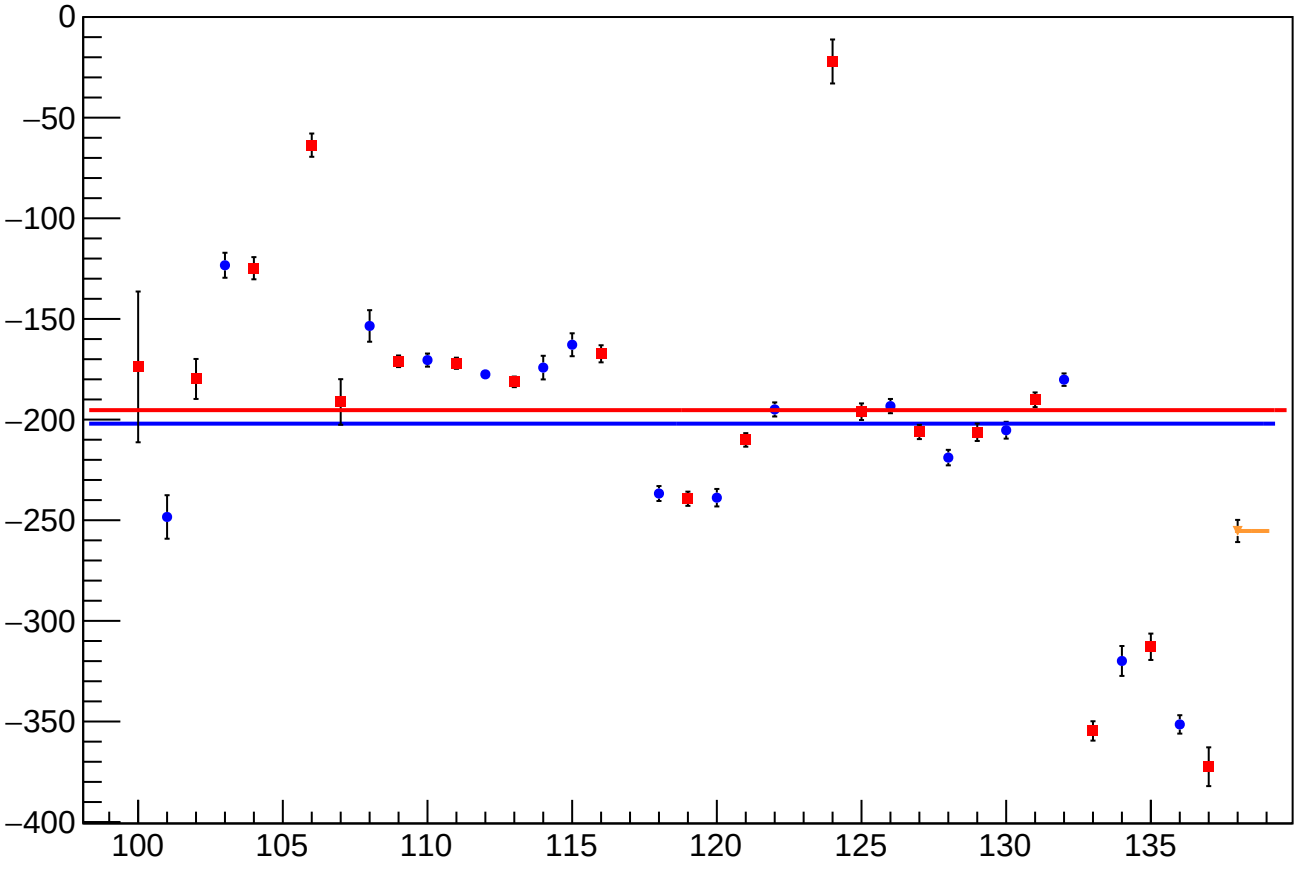
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 127.424+/-0.080 χ^2/NDF: 184567.9/16

All: 109.261+/-0.056 χ^2/NDF: 892551.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -202.020+/-1.024 χ^2/NDF: 2040.4/15

Left Out: -255.343+/-5.507 χ^2/NDF:0.0/0

Right Out: -195.311+/-0.974 χ^2/NDF: 3100.7/18

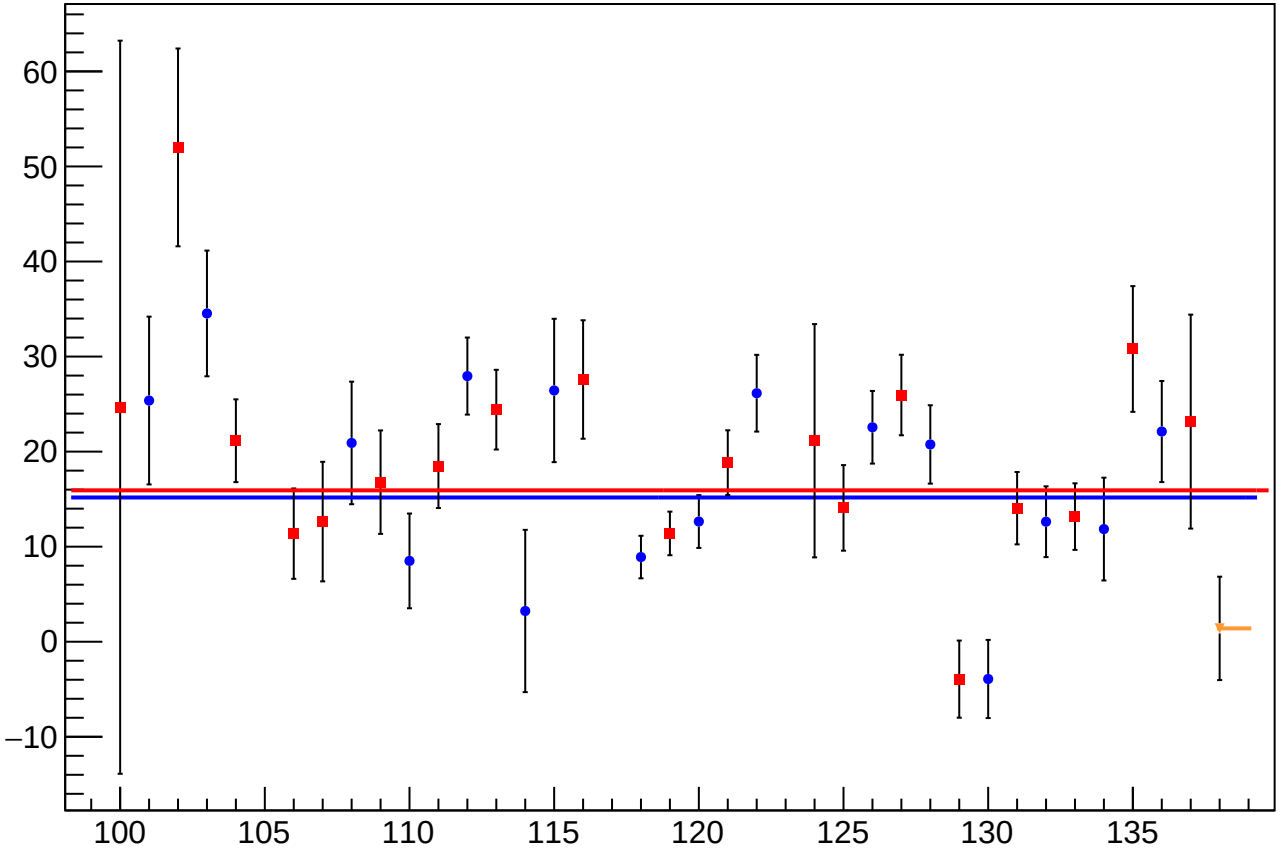
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -203.802+/-1.007 χ^2/NDF: 2131.0/16

All: -199.416+/-0.700 χ^2/NDF: 5268.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 15.175+/-1.048 χ^2/NDF: 72.3/15

Left Out: 1.404+/-5.439 χ^2/NDF:0.0/0

Right Out: 15.925+/-1.037 χ^2/NDF: 63.5/18

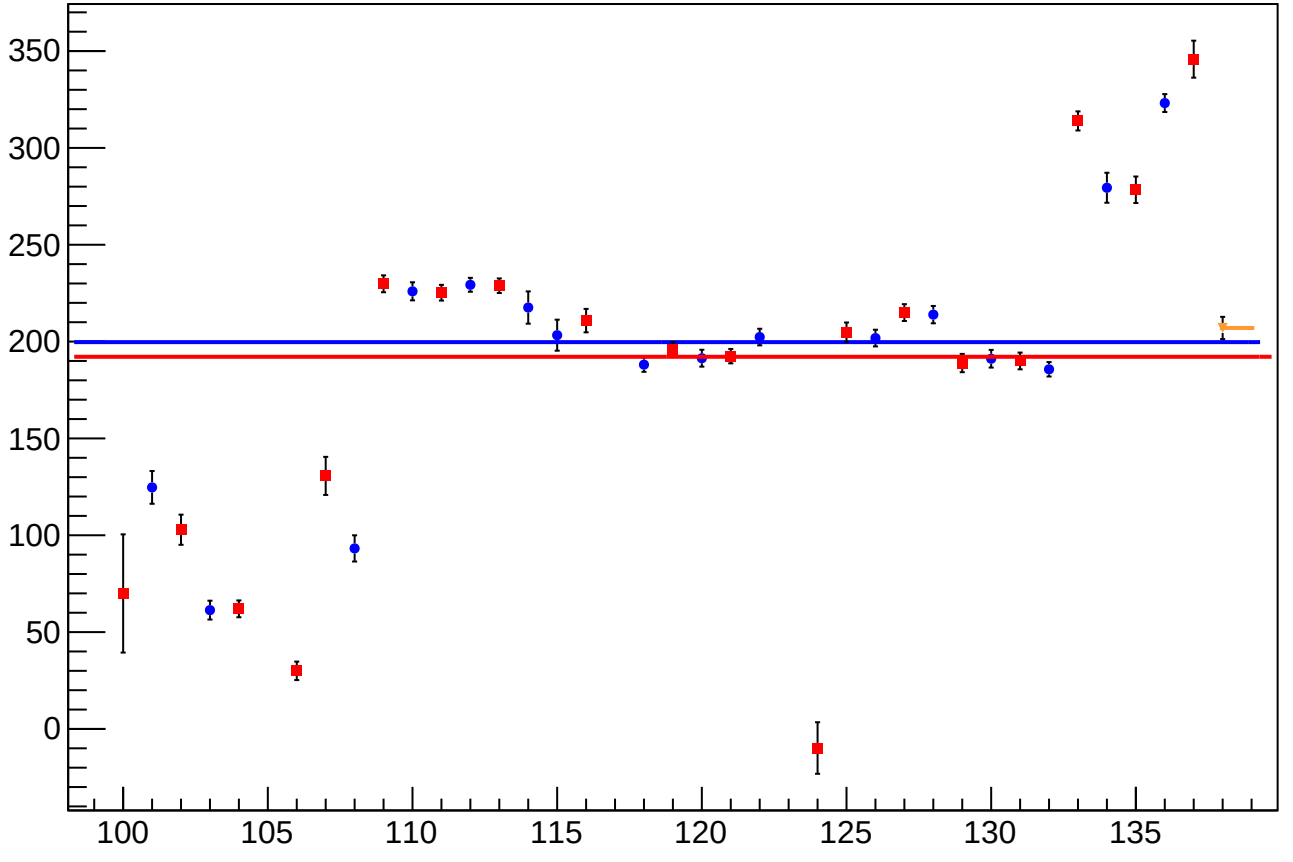
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 14.682+/-1.029 χ^2/NDF: 78.5/16

All: 15.299+/-0.730 χ^2/NDF: 142.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 199.722+/-1.196 χ^2/NDF: 2101.6/15

Left Out: 207.030+/-5.746 χ^2/NDF:0.0/0

Right Out: 192.156+/-1.150 χ^2/NDF: 3777.1/18

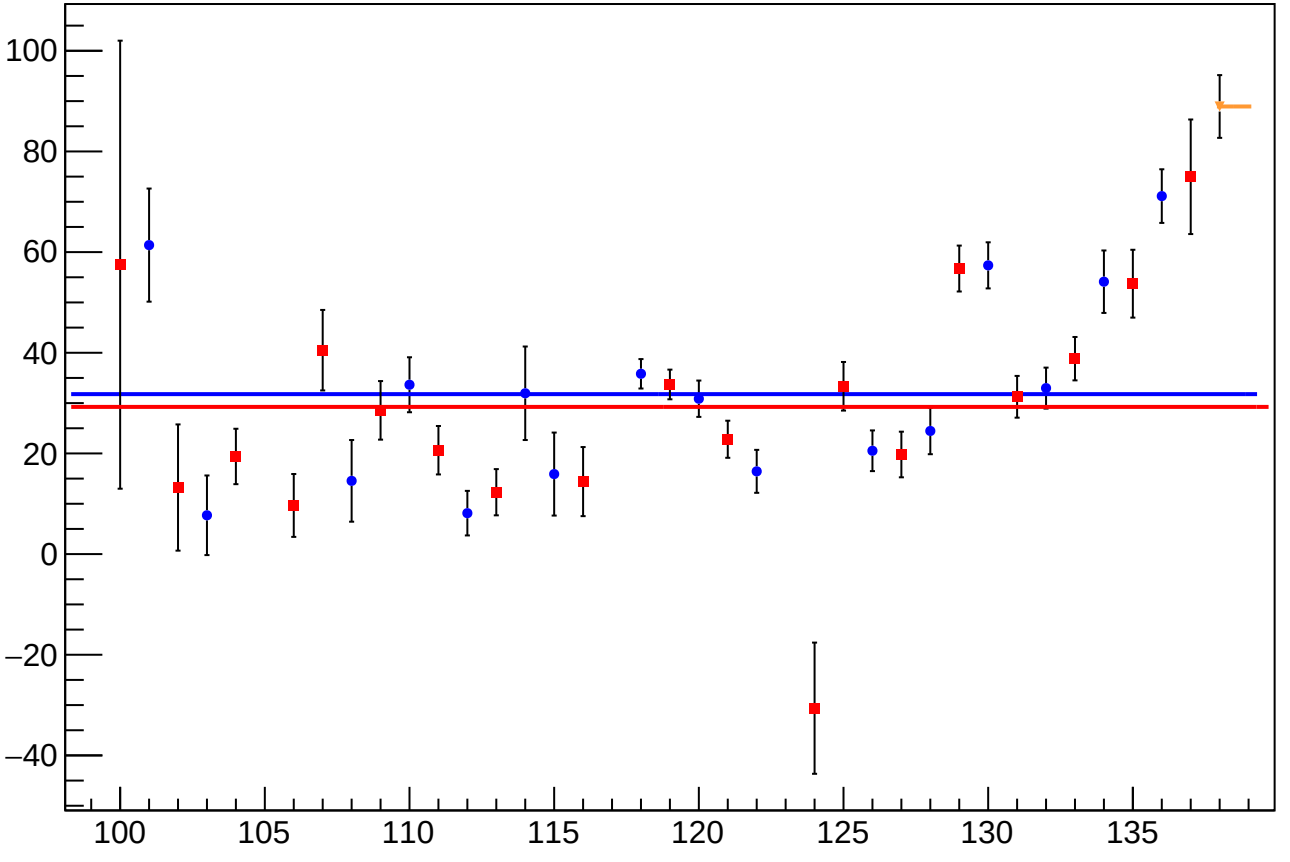
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 200.025+/-1.171 χ^2/NDF: 2103.2/16

All: 196.022+/-0.821 χ^2/NDF: 5903.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 31.782+/-1.217 χ^2/NDF: 177.0/15

Left Out: 88.934+/-6.234 χ^2/NDF:0.0/0

Right Out: 29.245+/-1.197 χ^2/NDF: 140.9/18

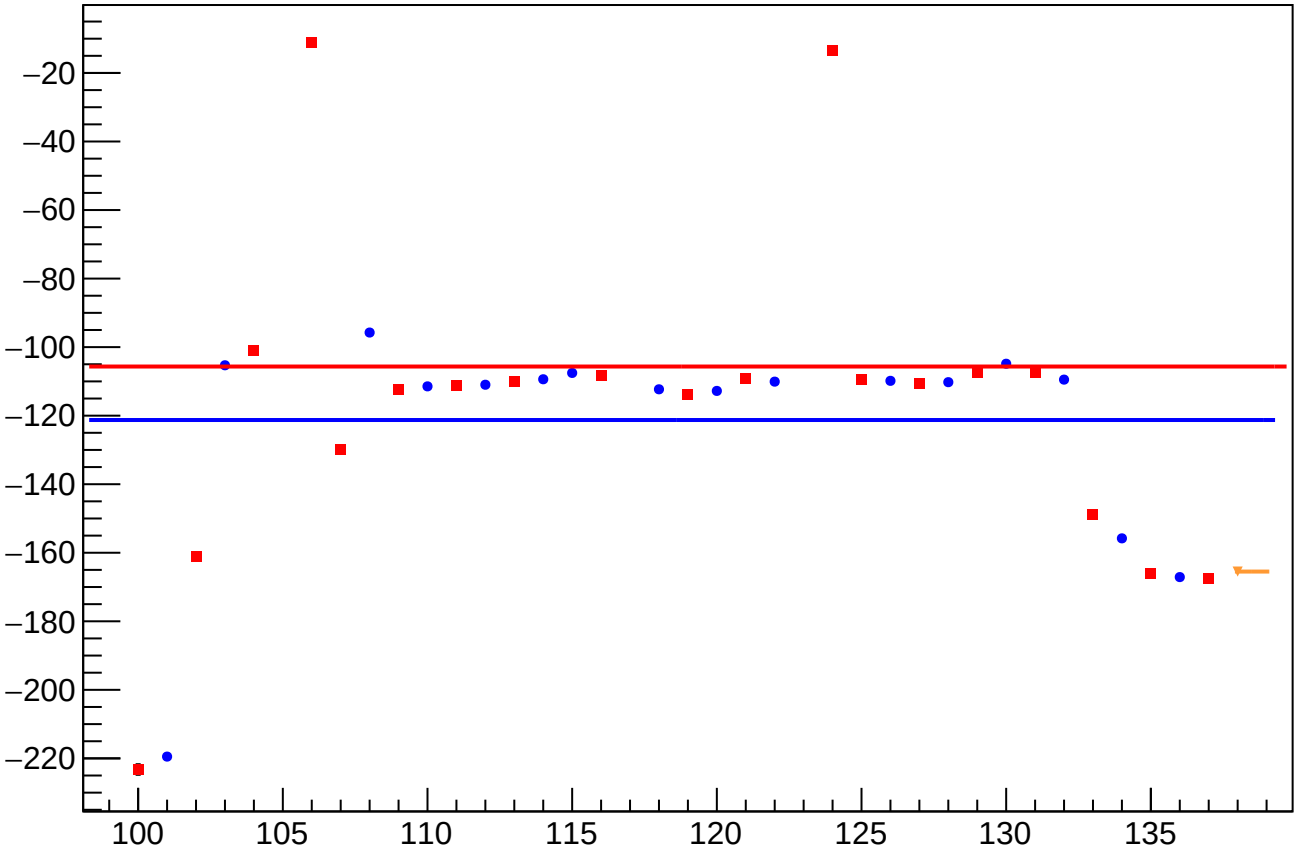
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 33.879+/-1.194 χ^2/NDF: 258.0/16

All: 31.567+/-0.845 χ^2/NDF: 406.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -121.268+/-0.079 χ^2/NDF: 119398.5/15

Left Out: -165.490+/-0.231 χ^2/NDF:0.0/0

Right Out: -105.660+/-0.075 χ^2/NDF: 355093.7/18

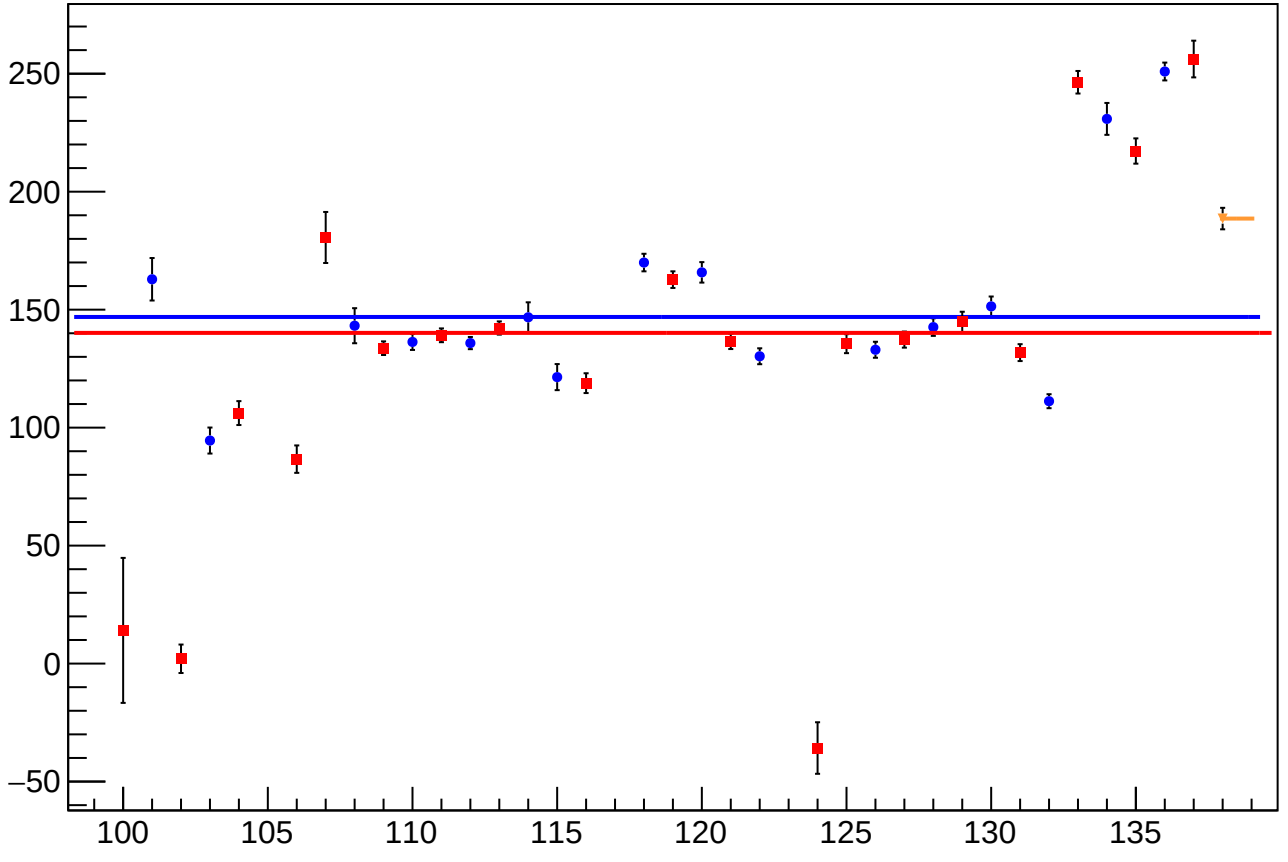
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -125.934+/-0.075 χ^2/NDF: 152274.2/16

All: -115.767+/-0.053 χ^2/NDF: 544084.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 146.905+/-1.003 χ^2/NDF: 1302.0/15

Left Out: 188.603+/-4.555 χ^2/NDF:0.0/0

Right Out: 140.153+/-0.960 χ^2/NDF: 1950.6/18

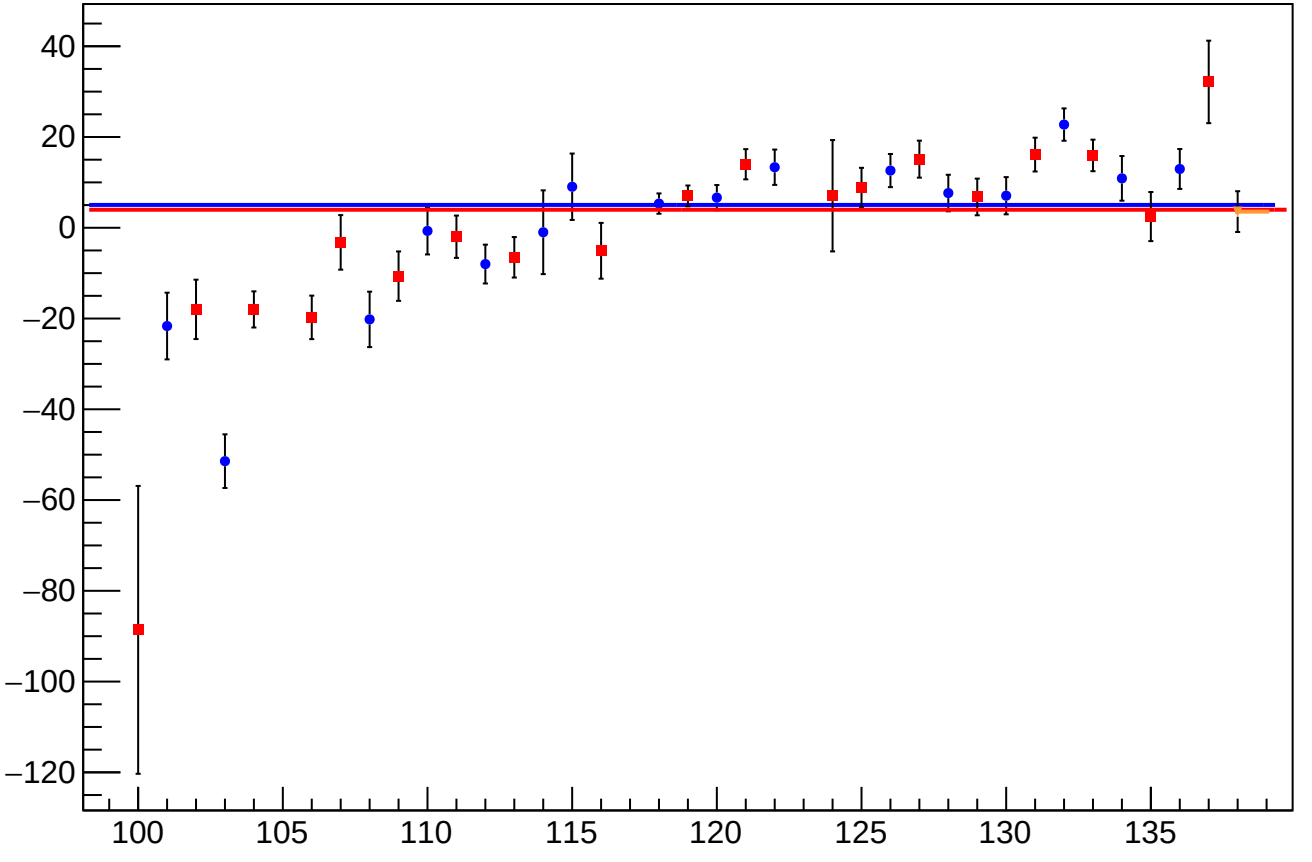
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 148.835+/-0.980 χ^2/NDF: 1381.9/16

All: 144.405+/-0.686 χ^2/NDF: 3372.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 5.037+/-1.021 χ^2/NDF: 171.9/15

Left Out: 3.559+/-4.493 χ^2/NDF:0.0/0

Right Out: 3.974+/-1.012 χ^2/NDF: 144.9/18

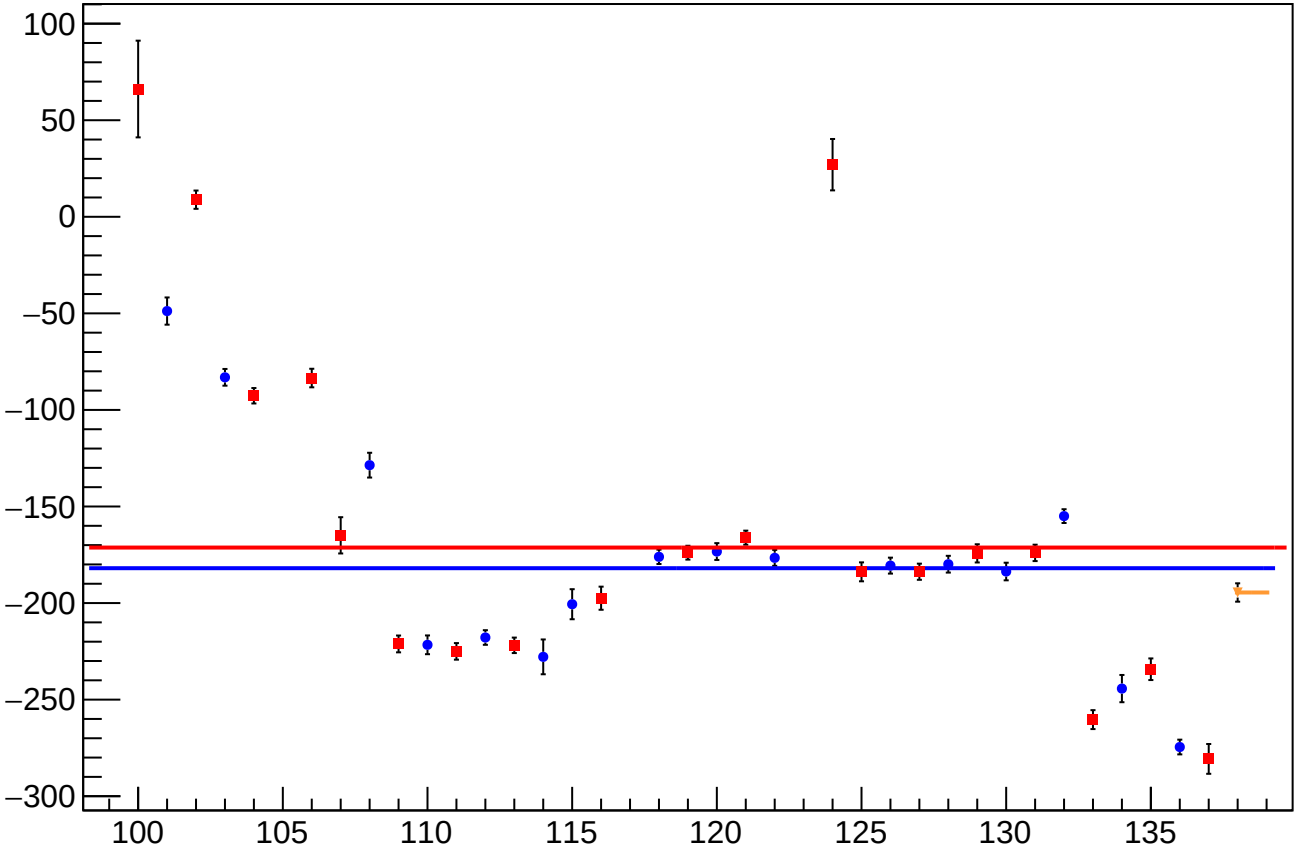
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.964+/-0.995 χ^2/NDF: 172.0/16

All: 4.477+/-0.710 χ^2/NDF: 317.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -181.947+/-1.154 χ^2/NDF: 1870.4/15

Left Out: -194.526+/-4.753 χ^2/NDF:0.0/0

Right Out: -171.262+/-1.111 χ^2/NDF: 3628.2/18

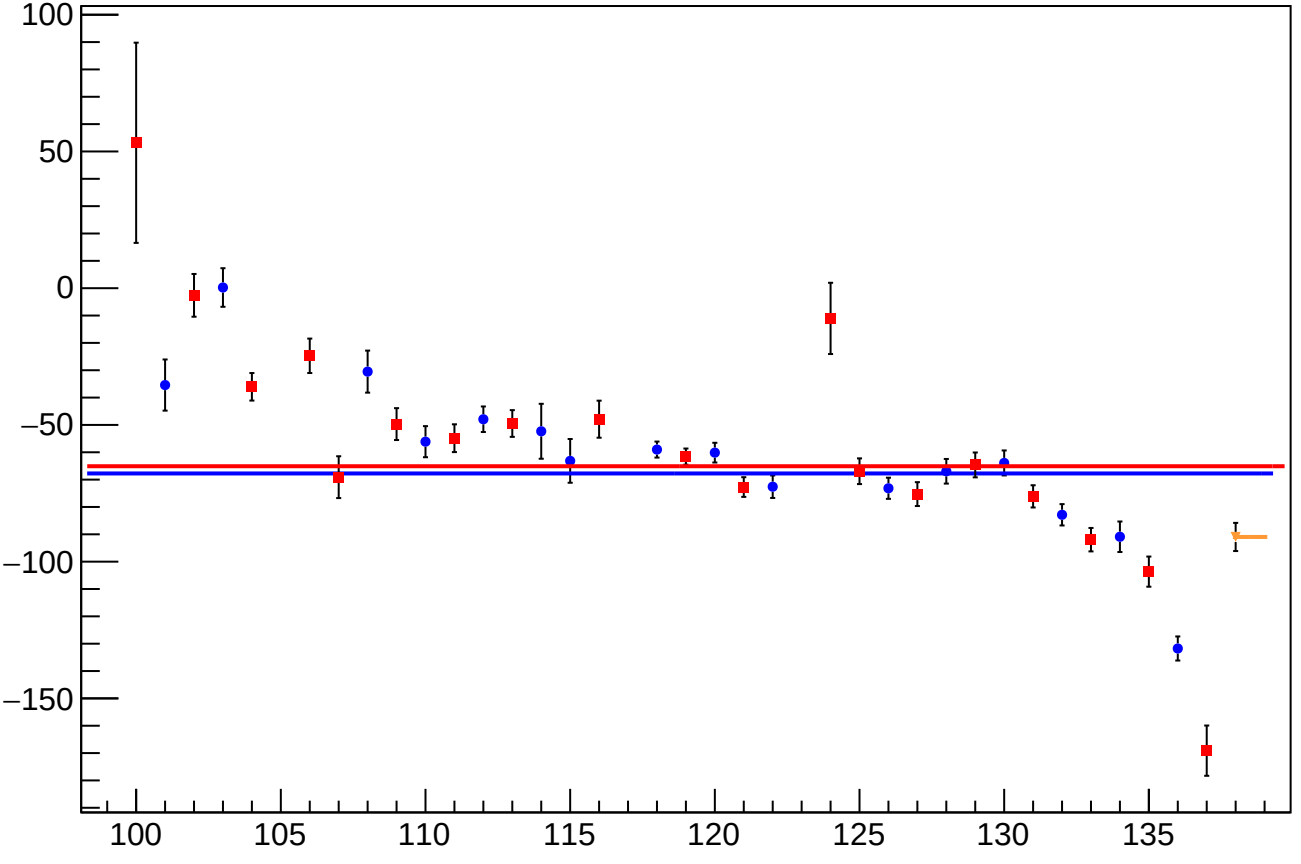
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -182.647+/-1.121 χ^2/NDF: 1877.1/16

All: -176.902+/-0.789 χ^2/NDF: 5557.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -67.745+/-1.181 χ^2/NDF: 414.0/15

Left Out: -90.968+/-5.150 χ^2/NDF:0.0/0

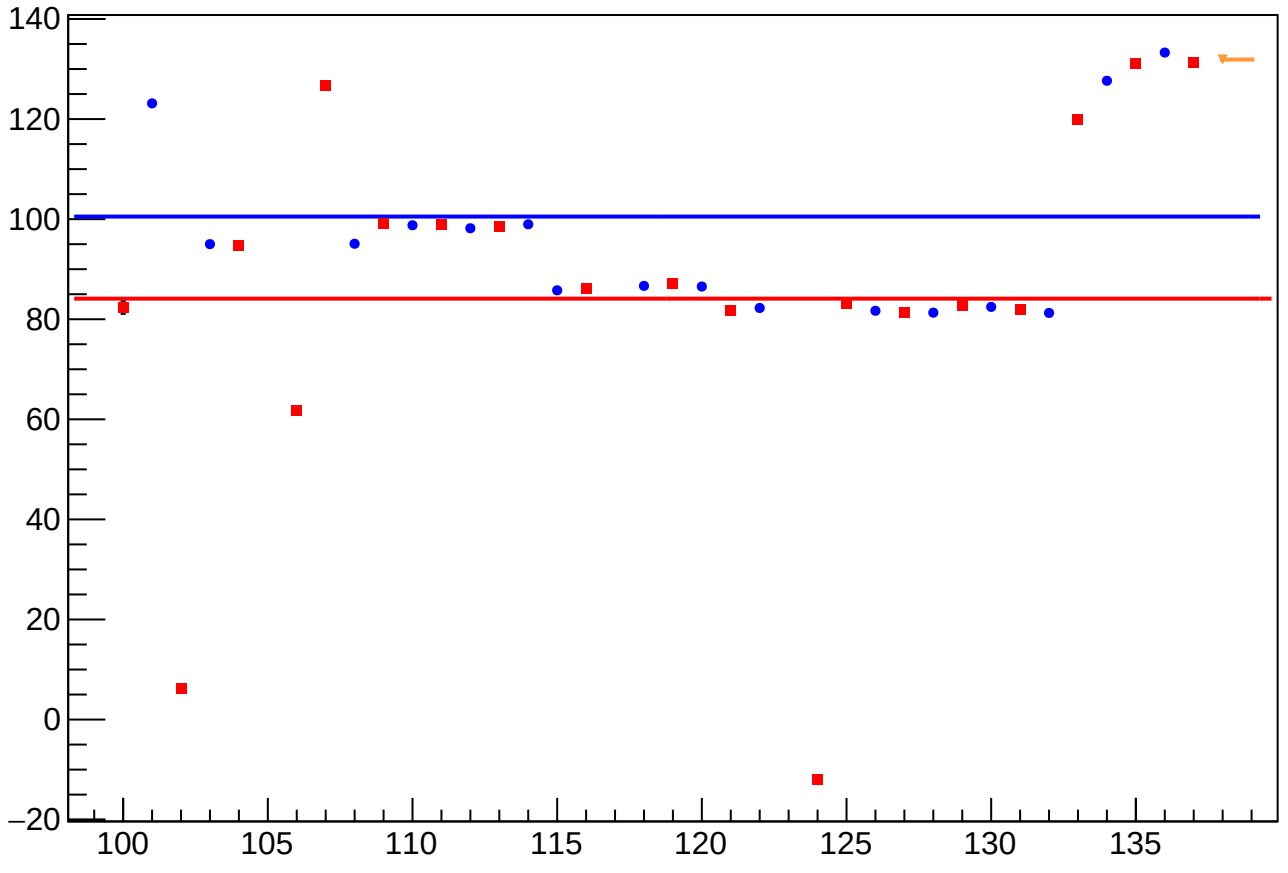
Right Out: -65.105+/-1.167 χ^2/NDF: 429.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -68.906+/-1.151 χ^2/NDF: 433.4/16

All: -67.031+/-0.819 χ^2/NDF: 867.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 100.517+/-0.074 χ^2/NDF: 67464.8/15

Left Out: 131.889+/-0.191 χ^2/NDF:0.0/0

Right Out: 84.116+/-0.069 χ^2/NDF: 263788.9/18

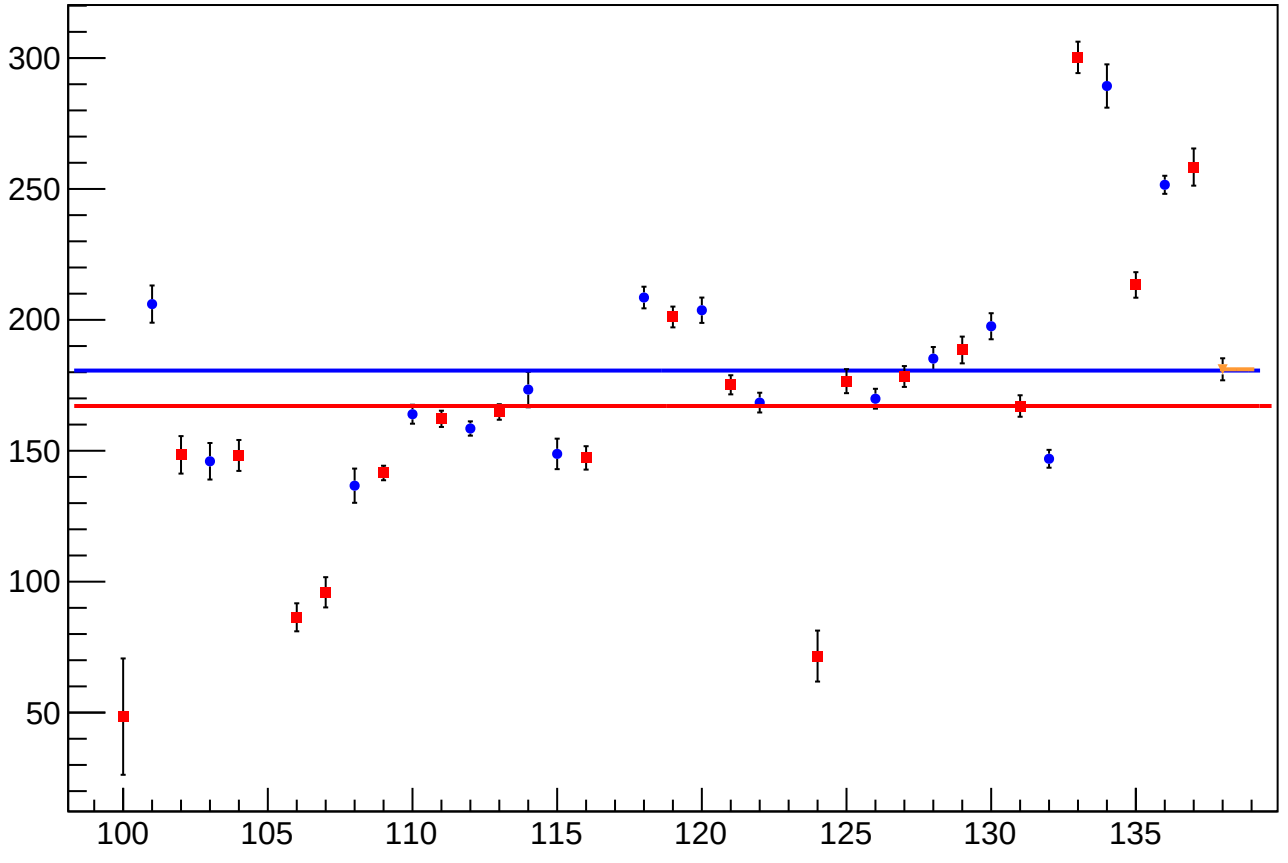
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 104.613+/-0.069 χ^2/NDF: 90951.9/16

All: 94.400+/-0.049 χ^2/NDF: 398749.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 180.634+/-1.090 χ^2/NDF: 993.4/15

Left Out: 181.117+/-4.206 χ^2/NDF:0.0/0

Right Out: 167.102+/-1.021 χ^2/NDF: 1484.6/18

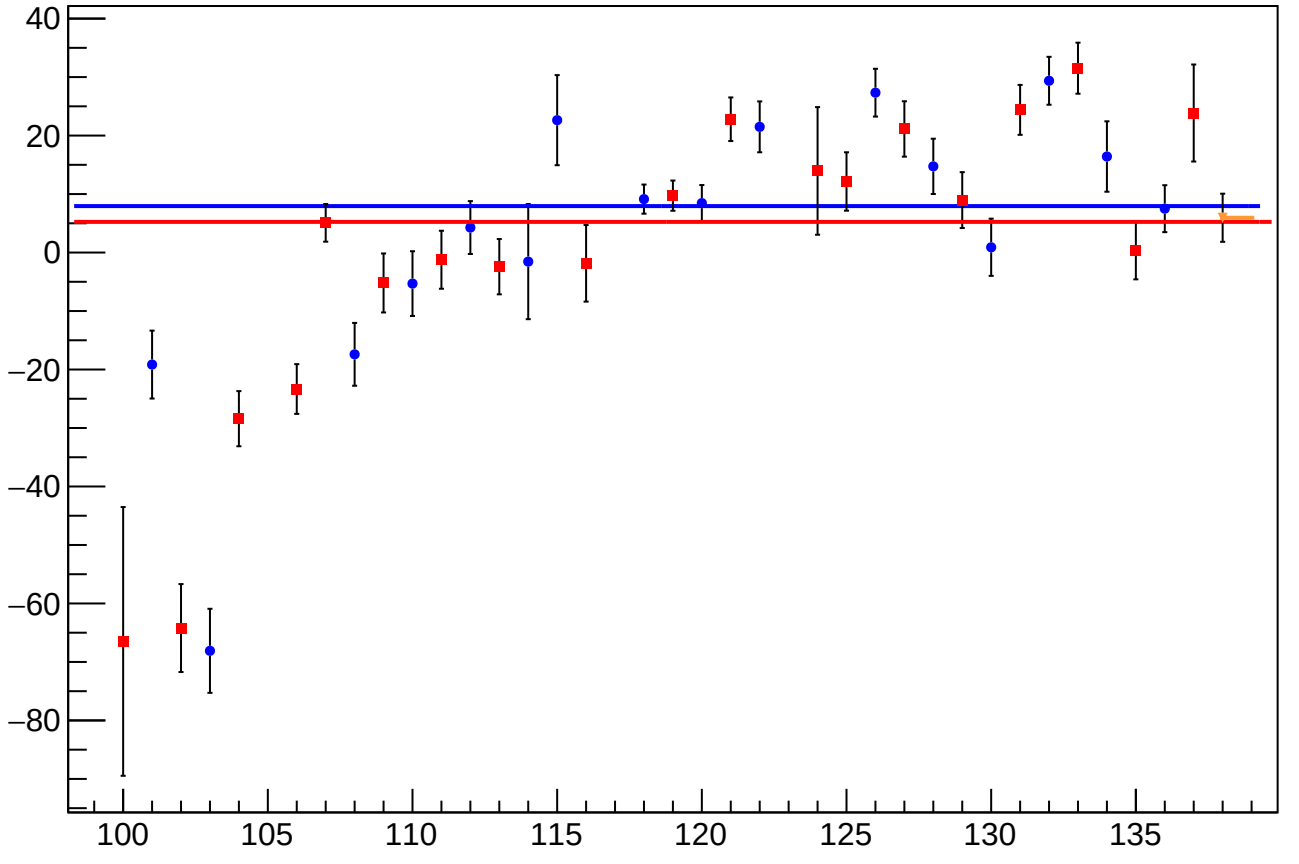
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 180.665+/-1.055 χ^2/NDF: 993.4/16

All: 173.661+/-0.734 χ^2/NDF: 2563.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 7.942+/-1.113 χ^2/NDF: 232.9/15

Left Out: 5.948+/-4.114 χ^2/NDF:0.0/0

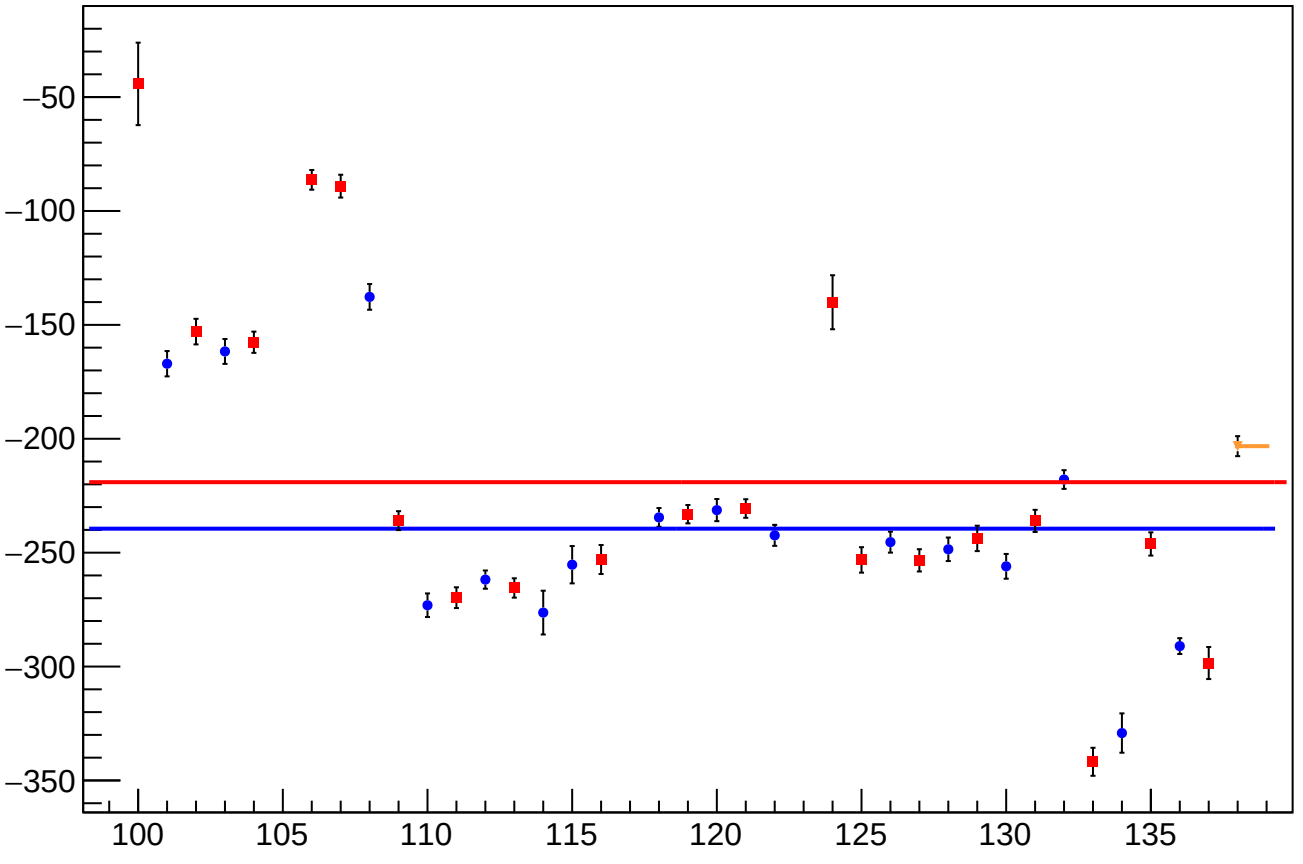
Right Out: 5.244+/-1.062 χ^2/NDF: 302.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.806+/-1.075 χ^2/NDF: 233.1/16

All: 6.510+/-0.755 χ^2/NDF: 538.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -239.468+/-1.245 χ^2/NDF: 1162.2/15

Left Out: -203.244+/-4.388 χ^2/NDF:0.0/0

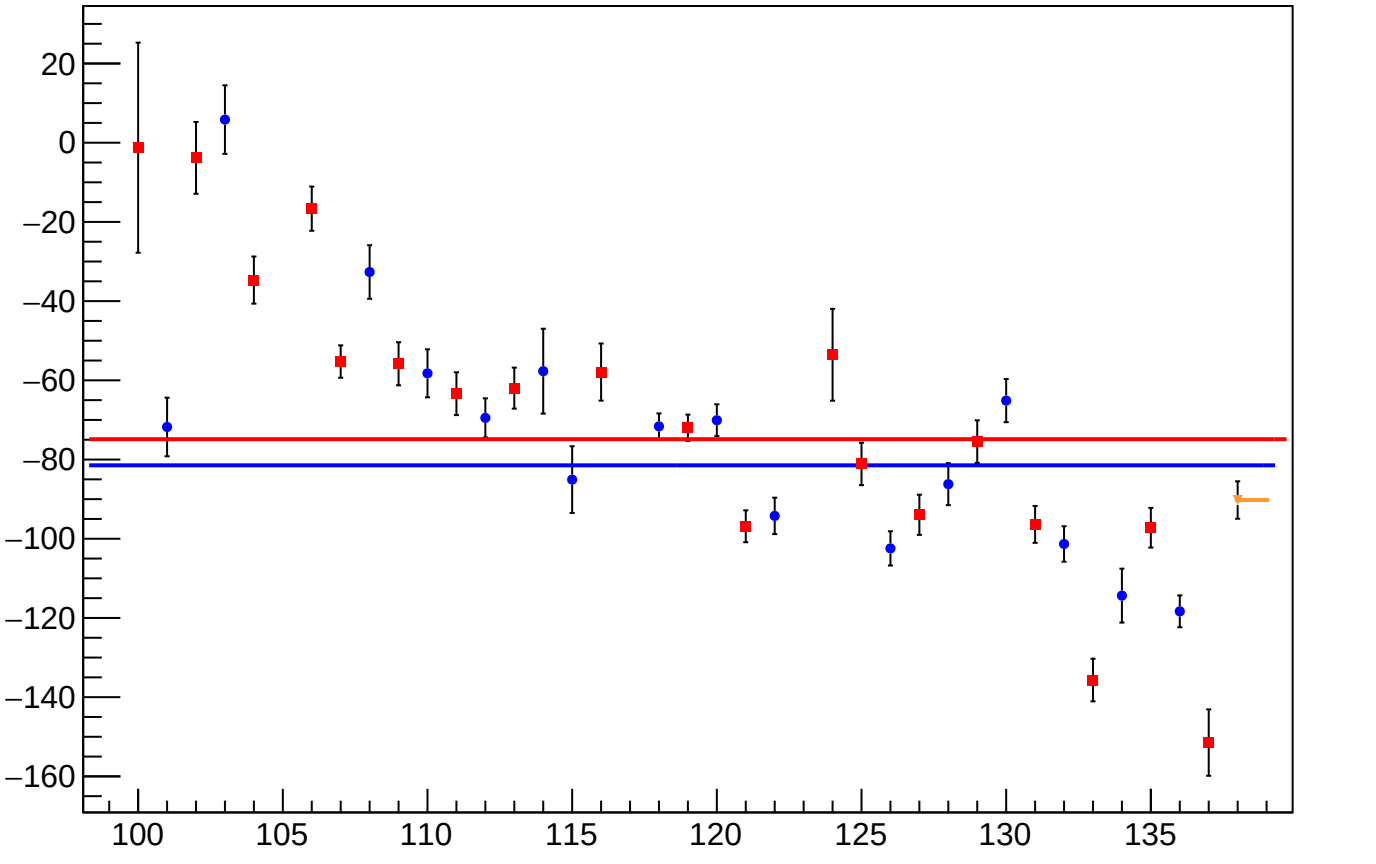
Right Out: -219.053+/-1.176 χ^2/NDF: 3049.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -236.768+/-1.198 χ^2/NDF: 1225.3/16

All: -227.748+/-0.839 χ^2/NDF: 4385.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -81.462+/-1.287 χ^2/NDF: 366.5/15

Left Out: -90.221+/-4.727 χ^2/NDF:0.0/0

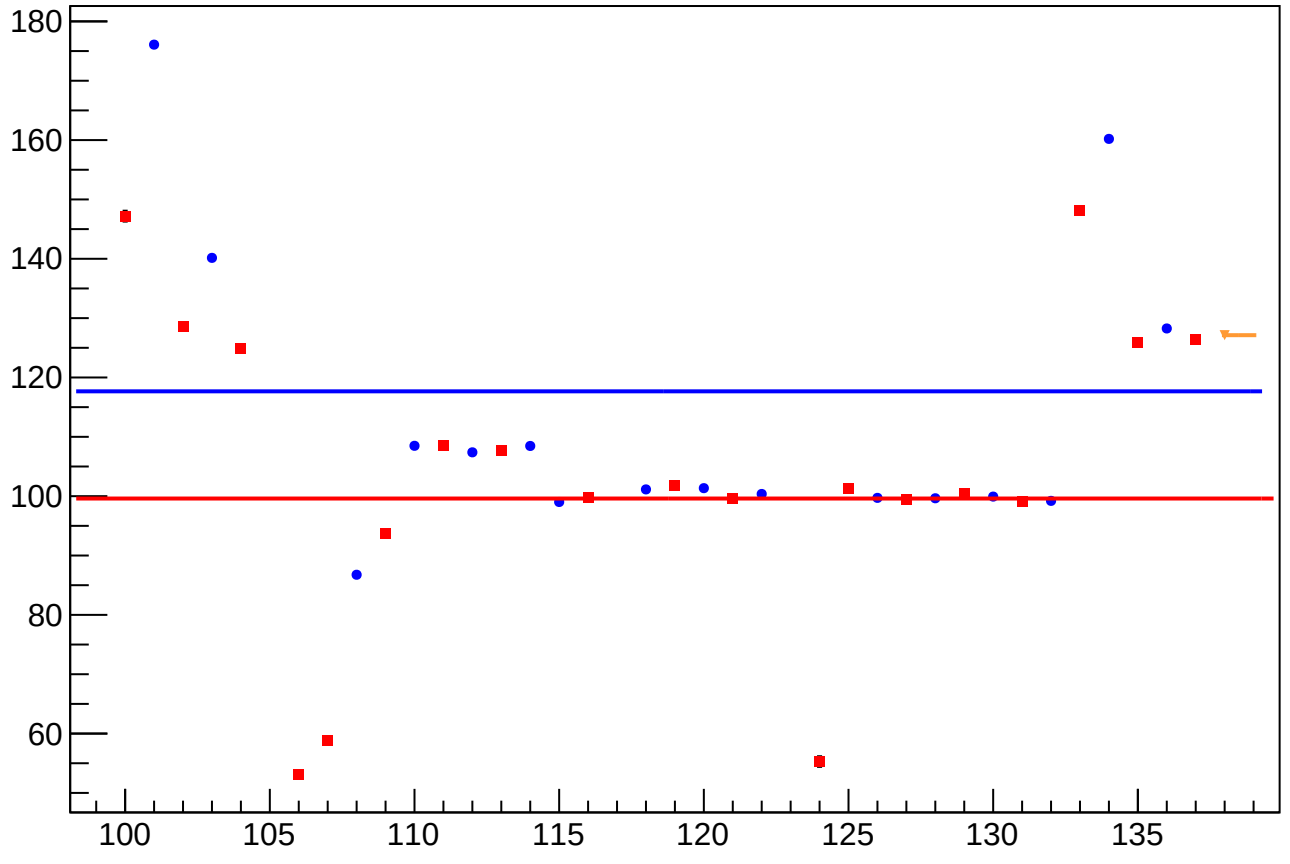
Right Out: -74.861+/-1.230 χ^2/NDF: 576.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -82.066+/-1.242 χ^2/NDF: 369.7/16

All: -78.430+/-0.874 χ^2/NDF: 963.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 117.666+/-0.078 χ^2/NDF: 95397.2/15

Left Out: 127.128+/-0.177 χ^2/NDF:0.0/0

Right Out: 99.604+/-0.070 χ^2/NDF: 166236.0/18

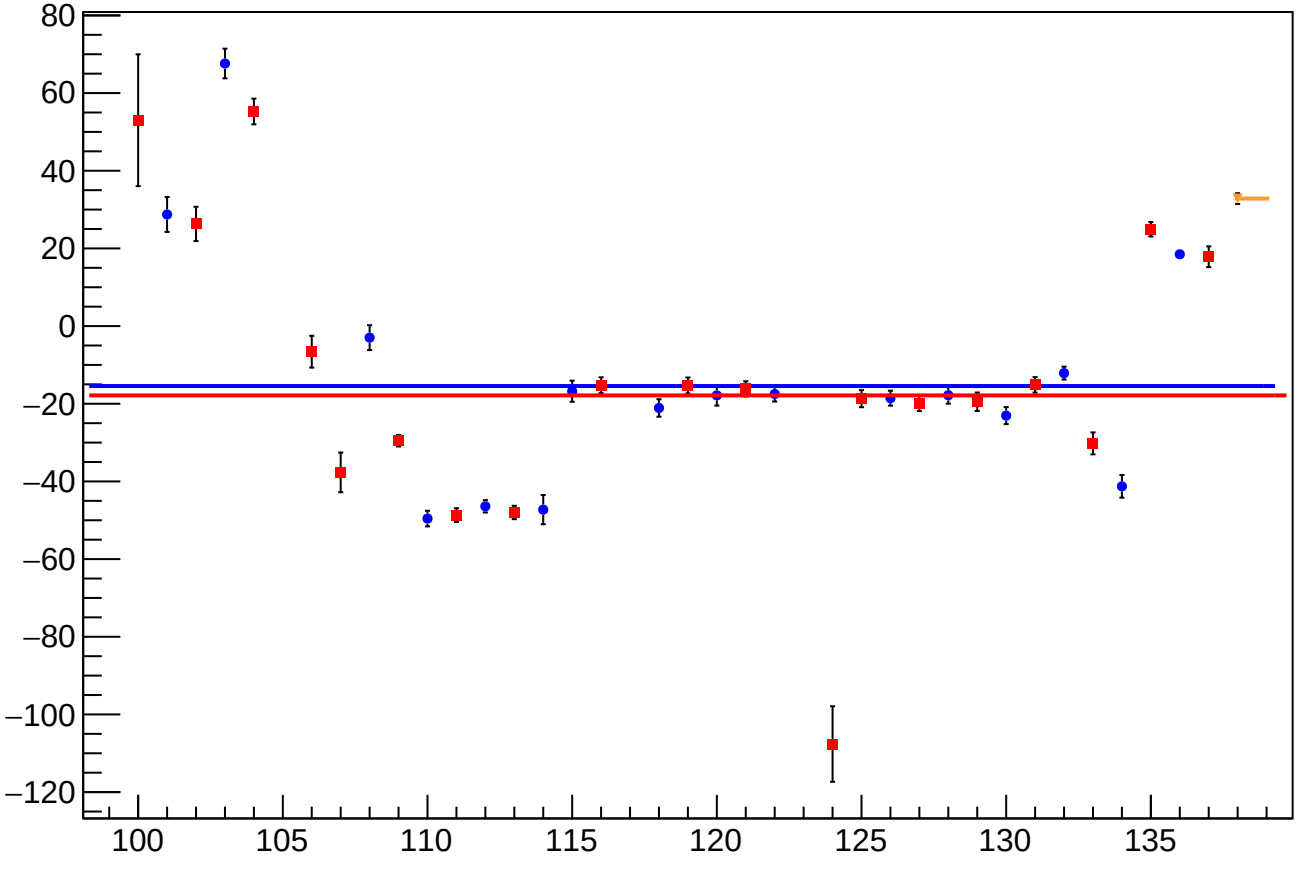
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 119.217+/-0.072 χ^2/NDF: 97793.4/16

All: 109.237+/-0.050 χ^2/NDF: 302255.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -15.438+/-0.539 χ^2/NDF: 2124.2/15

Left Out: 32.837+/-1.385 χ^2/NDF:0.0/0

Right Out: -17.848+/-0.530 χ^2/NDF: 2125.2/18

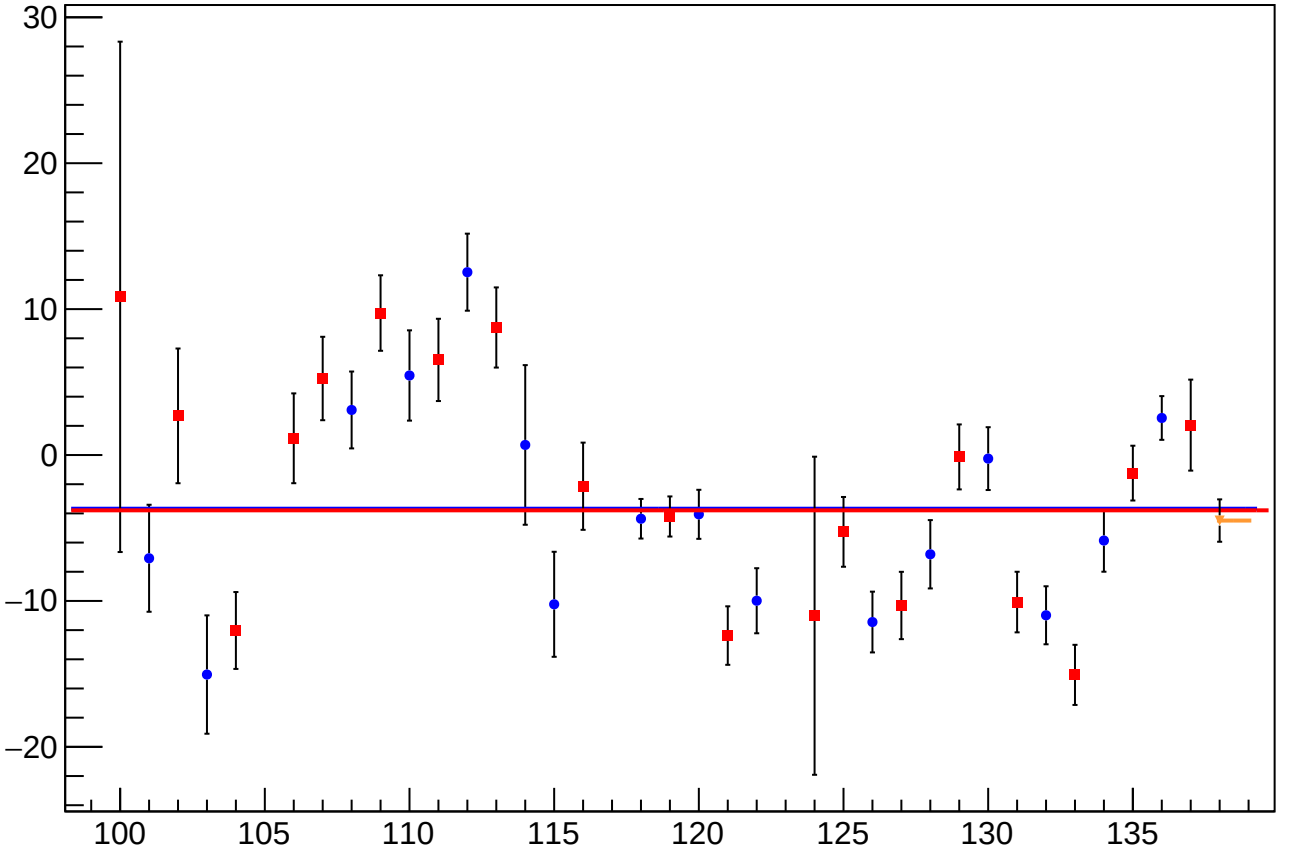
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -9.090+/-0.502 χ^2/NDF: 3178.9/16

All: -13.238+/-0.364 χ^2/NDF: 5448.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -3.679+/-0.552 χ^2/NDF: 124.0/15

Left Out: -4.491+/-1.452 χ^2/NDF:0.0/0

Right Out: -3.790+/-0.564 χ^2/NDF: 161.2/18

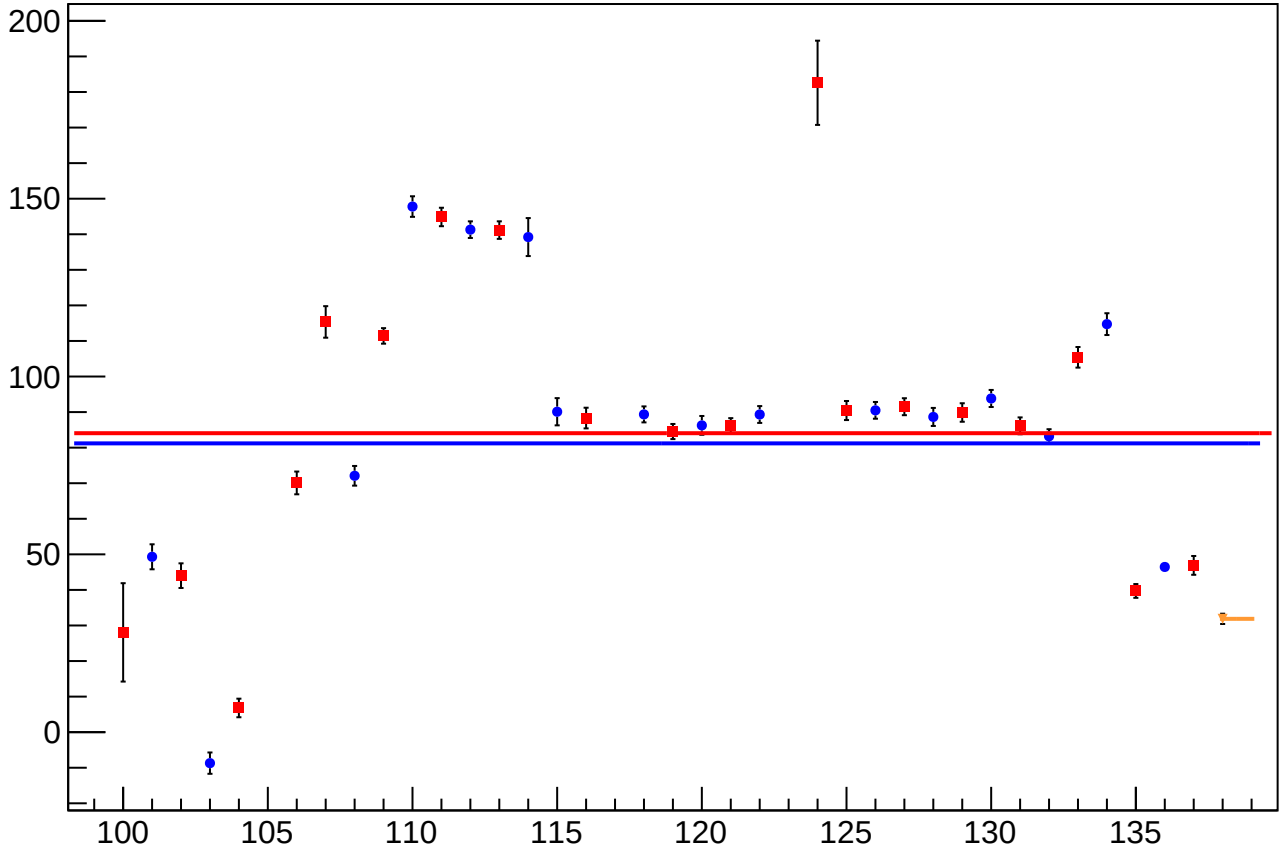
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -3.782+/-0.516 χ^2/NDF: 124.3/16

All: -3.786+/-0.381 χ^2/NDF: 285.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 81.203+/-0.607 χ^2/NDF: 3230.5/15

Left Out: 31.867+/-1.446 χ^2/NDF:0.0/0

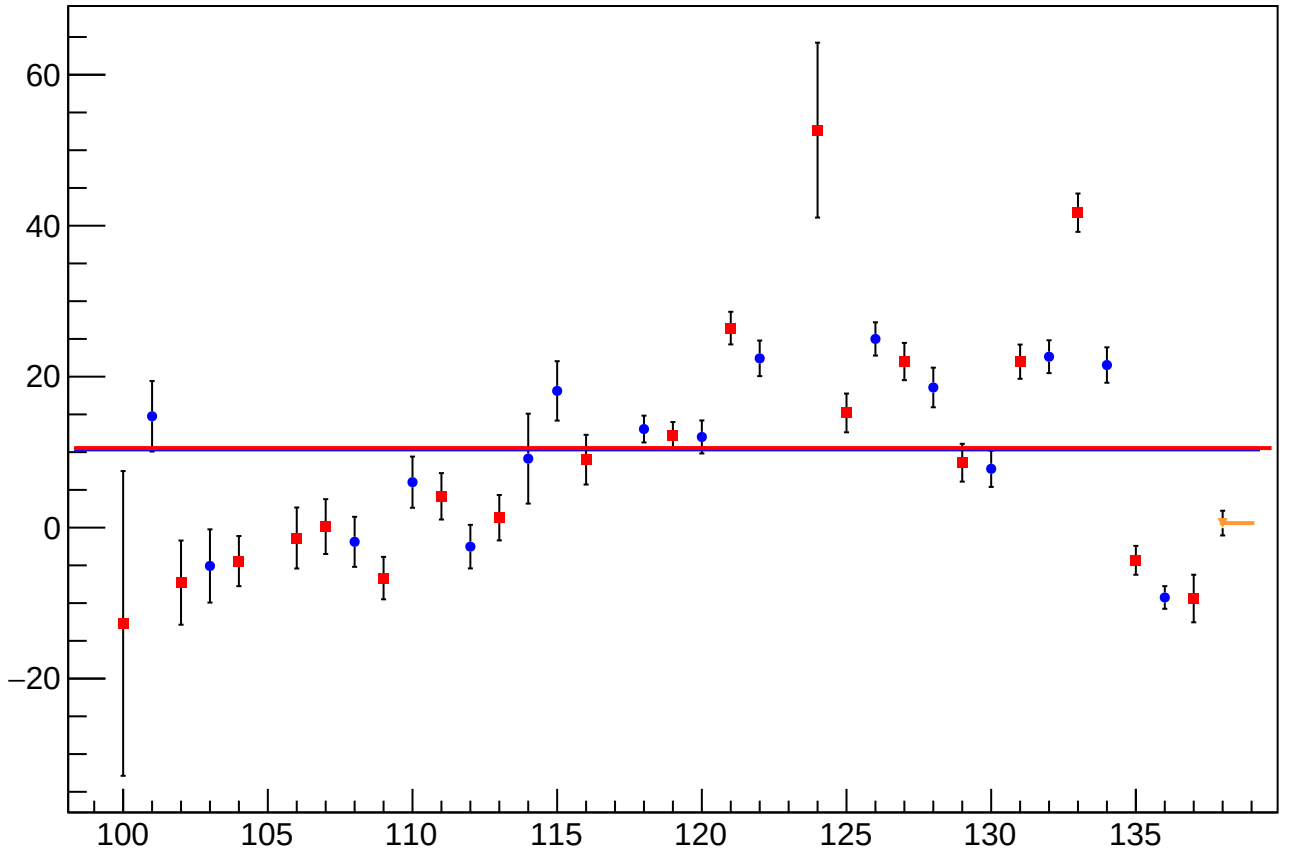
Right Out: 84.065+/-0.616 χ^2/NDF: 3206.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 73.814+/-0.560 χ^2/NDF: 4219.8/16

All: 78.448+/-0.414 χ^2/NDF: 7577.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 10.367+/-0.627 χ^2/NDF: 359.8/15

Left Out: 0.600+/-1.636 χ^2/NDF:0.0/0

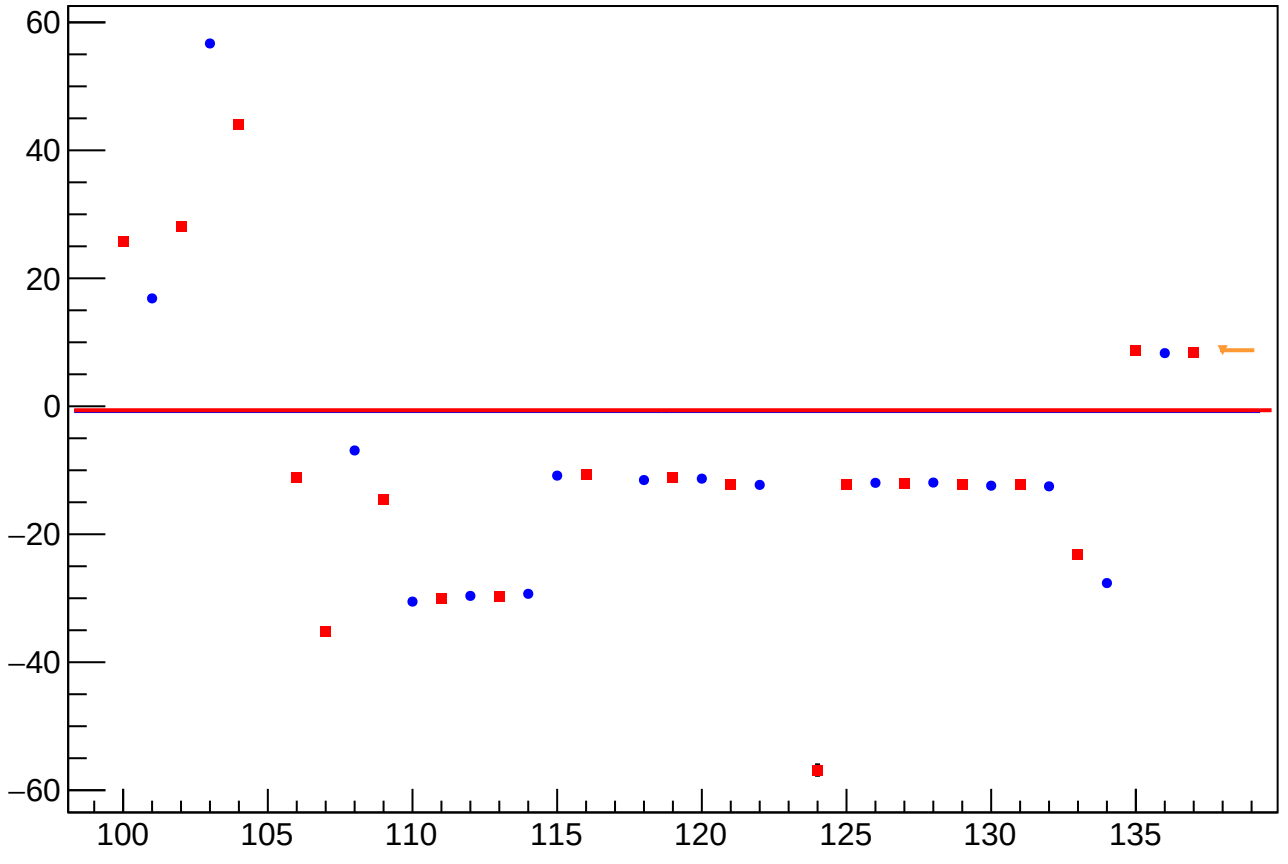
Right Out: 10.539+/-0.640 χ^2/NDF: 470.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9.118+/-0.585 χ^2/NDF: 390.8/16

All: 9.765+/-0.432 χ^2/NDF: 864.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.745+/-0.036 χ^2/NDF: 367993.9/15

Left Out: 8.761+/-0.057 χ^2/NDF:0.0/0

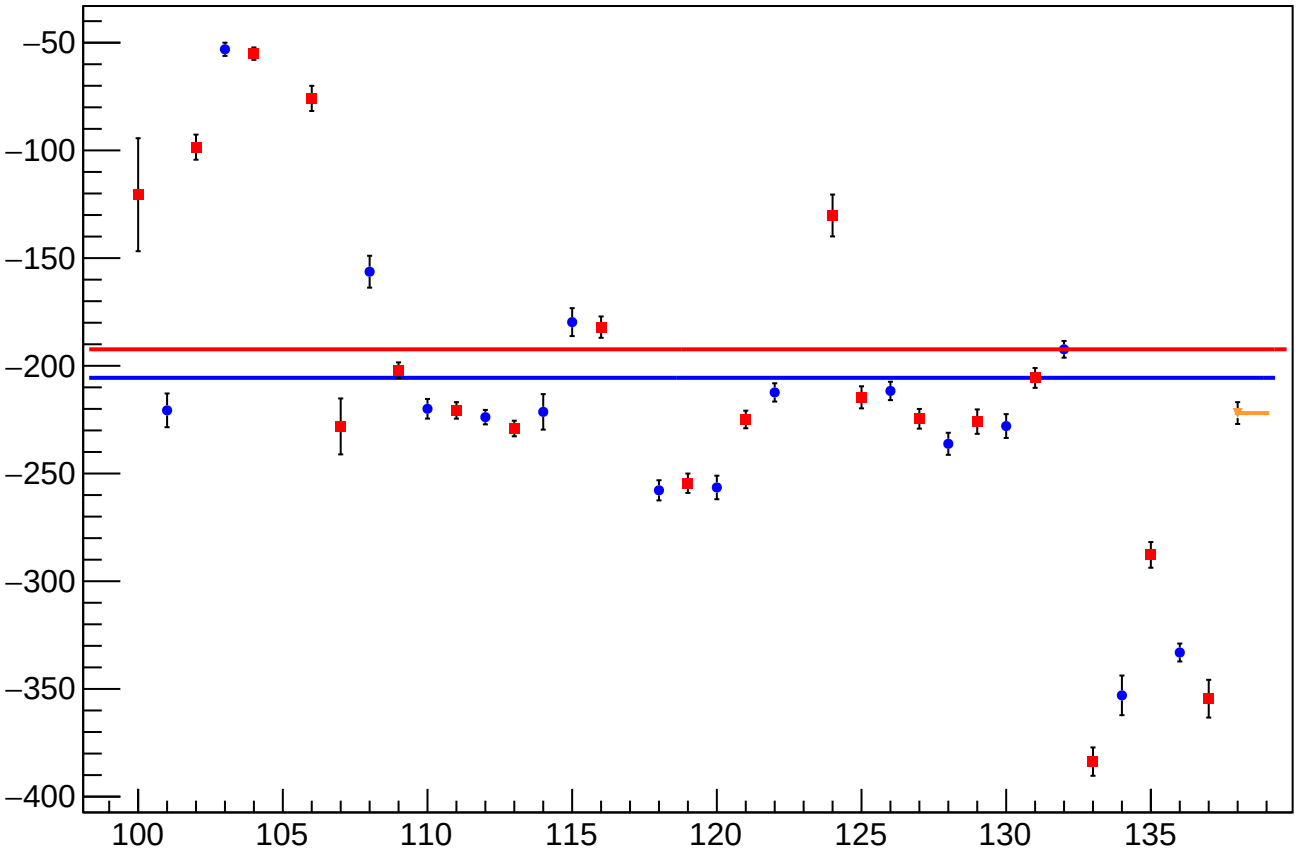
Right Out: -0.618+/-0.037 χ^2/NDF: 316492.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.954+/-0.030 χ^2/NDF: 387927.8/16

All: 0.930+/-0.024 χ^2/NDF: 707277.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -205.577+/-1.185 χ^2/NDF: 4056.0/15

Left Out: -221.934+/-5.066 χ^2/NDF:0.0/0

Right Out: -192.345+/-1.123 χ^2/NDF: 4969.8/18

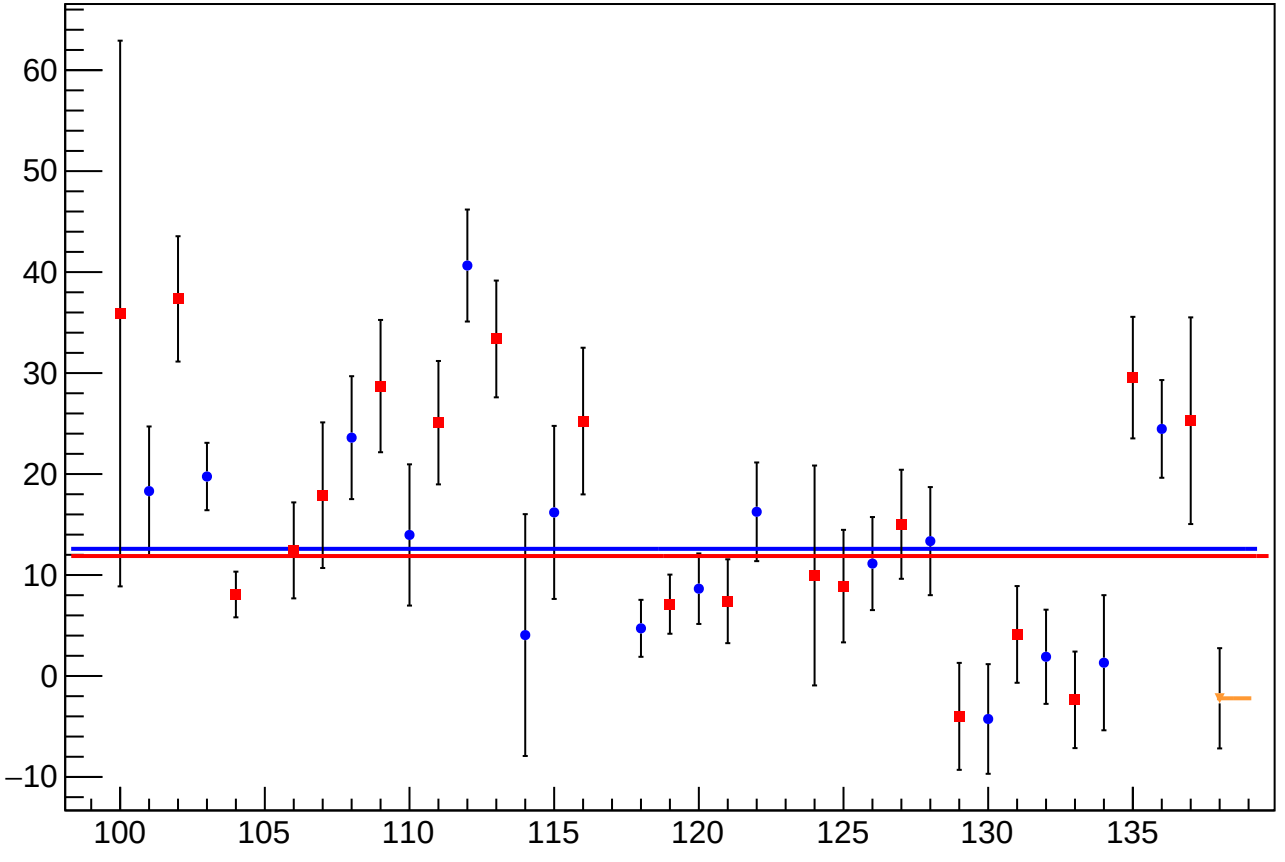
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -206.425+/-1.154 χ^2/NDF: 4065.9/16

All: -199.193+/-0.805 χ^2/NDF: 9112.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 12.592+/-1.203 χ^2/NDF: 68.5/15

Left Out: -2.210+/-4.965 χ^2/NDF:0.0/0

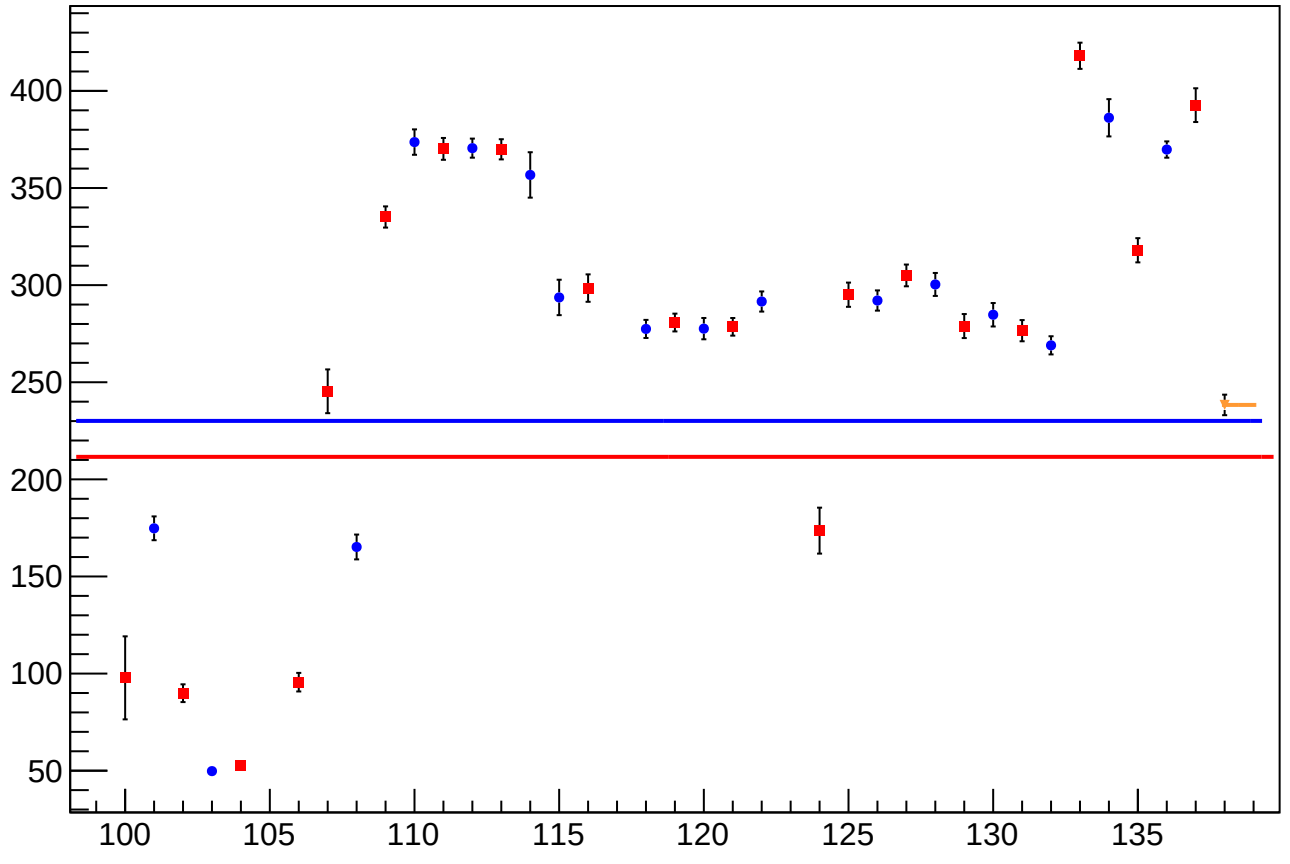
Right Out: 11.880+/-1.122 χ^2/NDF: 84.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 11.772+/-1.169 χ^2/NDF: 76.9/16

All: 11.828+/-0.809 χ^2/NDF: 161.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 230.095+/-1.260 χ^2/NDF: 9375.6/15

Left Out: 238.325+/-5.285 χ^2/NDF:0.0/0

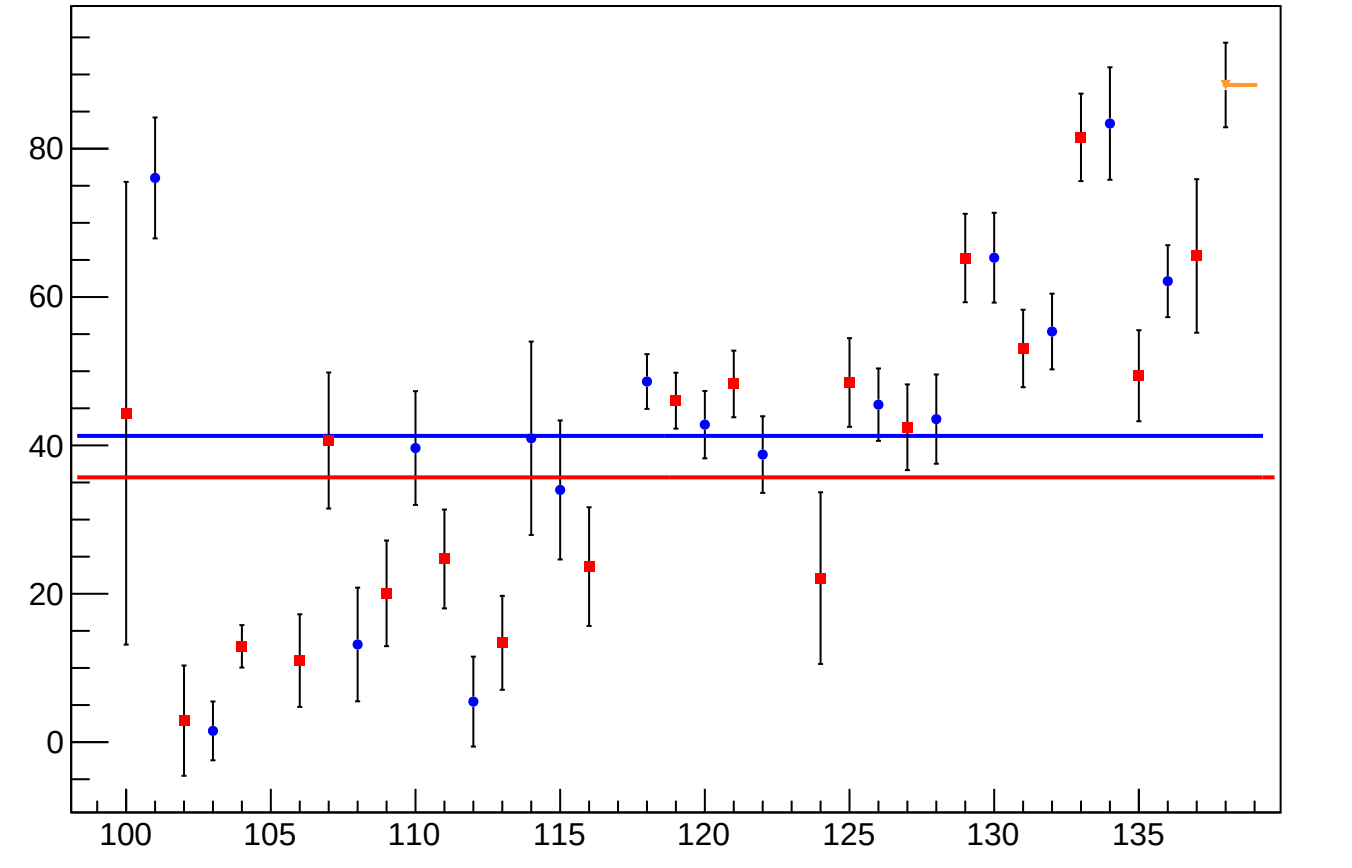
Right Out: 211.588+/-1.195 χ^2/NDF: 11472.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 230.537+/-1.225 χ^2/NDF: 9377.9/16

All: 220.828+/-0.856 χ^2/NDF: 20972.6/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 41.282+/-1.398 χ^2/NDF: 245.8/15

Left Out: 88.586+/-5.702 χ^2/NDF:0.0/0

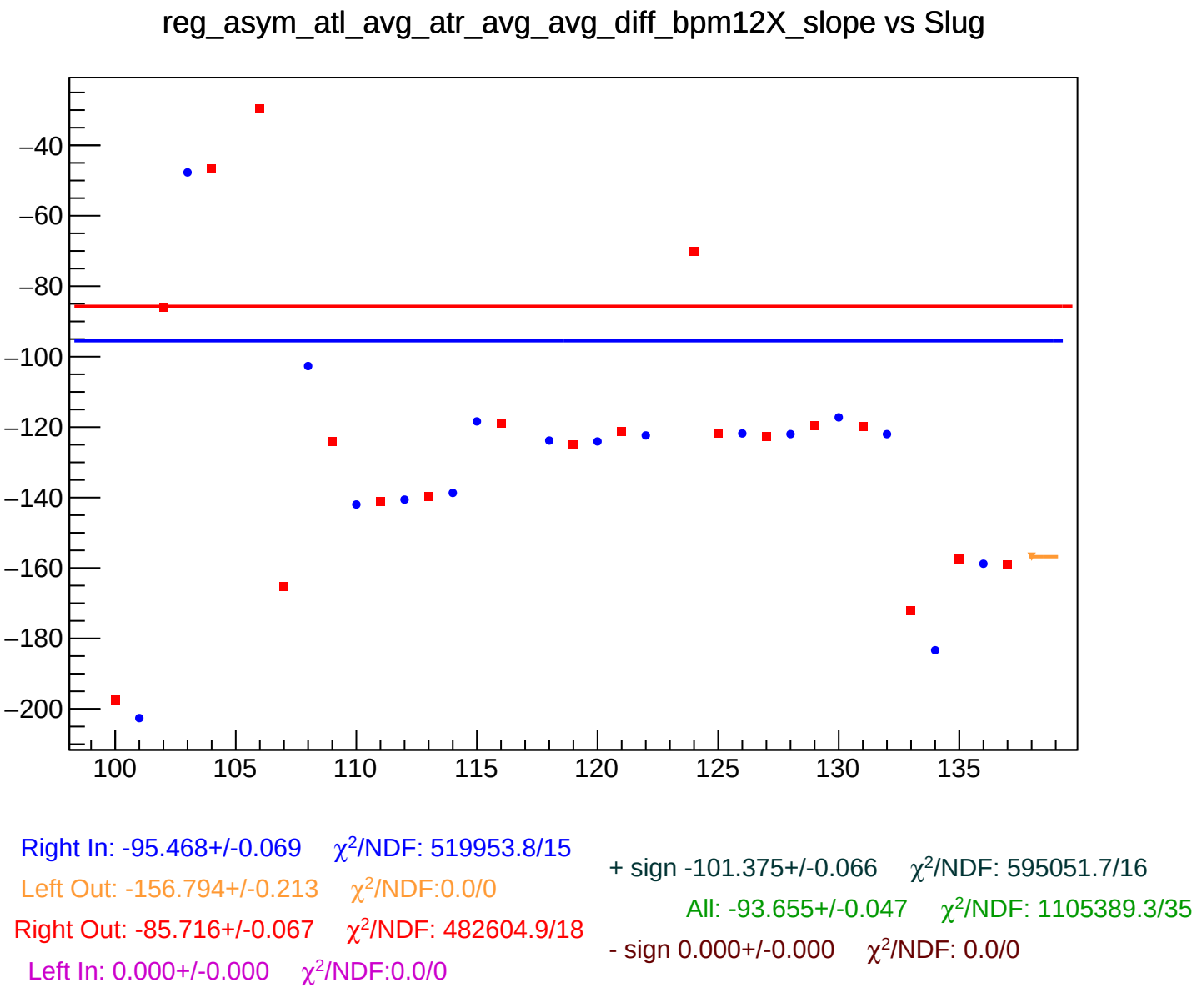
Right Out: 35.692+/-1.317 χ^2/NDF: 253.2/18

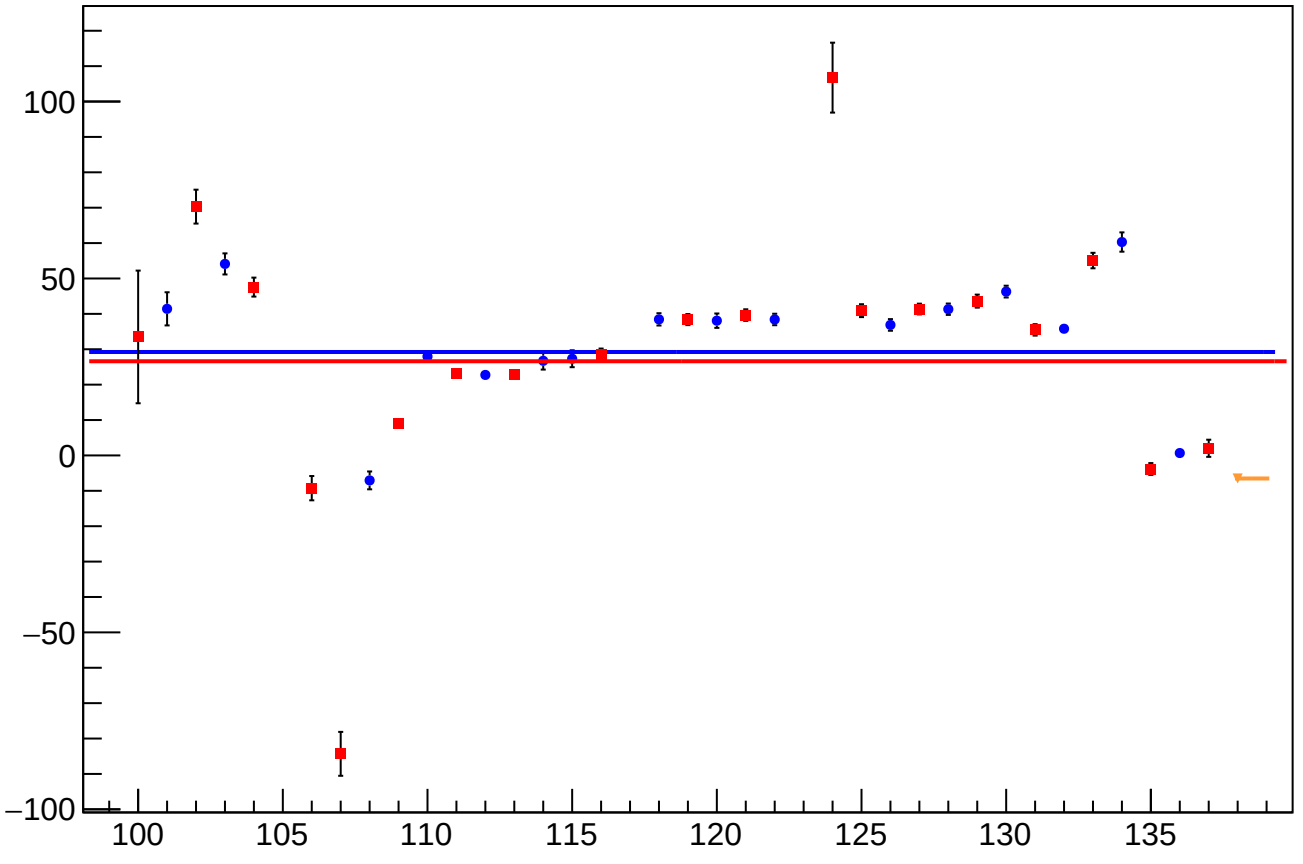
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 43.962+/-1.357 χ^2/NDF: 310.7/16

All: 39.702+/-0.945 χ^2/NDF: 583.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug
−40
−60
−80
−100
−120
−140
−160
−180
−200
100
105
110
115
120
125
130
135
Right In: -95.468+/-0.069 χ²/NDF: 519953.8/15
Left Out: -156.794+/-0.213 χ²/NDF:0.0/0
Right Out: -85.716+/-0.067 χ²/NDF: 482604.9/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -101.375+/-0.066 χ²/NDF: 595051.7/16
All: -93.655+/-0.047 χ²/NDF: 1105389.3/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 29.229+/-0.424 χ^2/NDF: 1342.9/15

Left Out: -6.516+/-1.256 χ^2/NDF:0.0/0

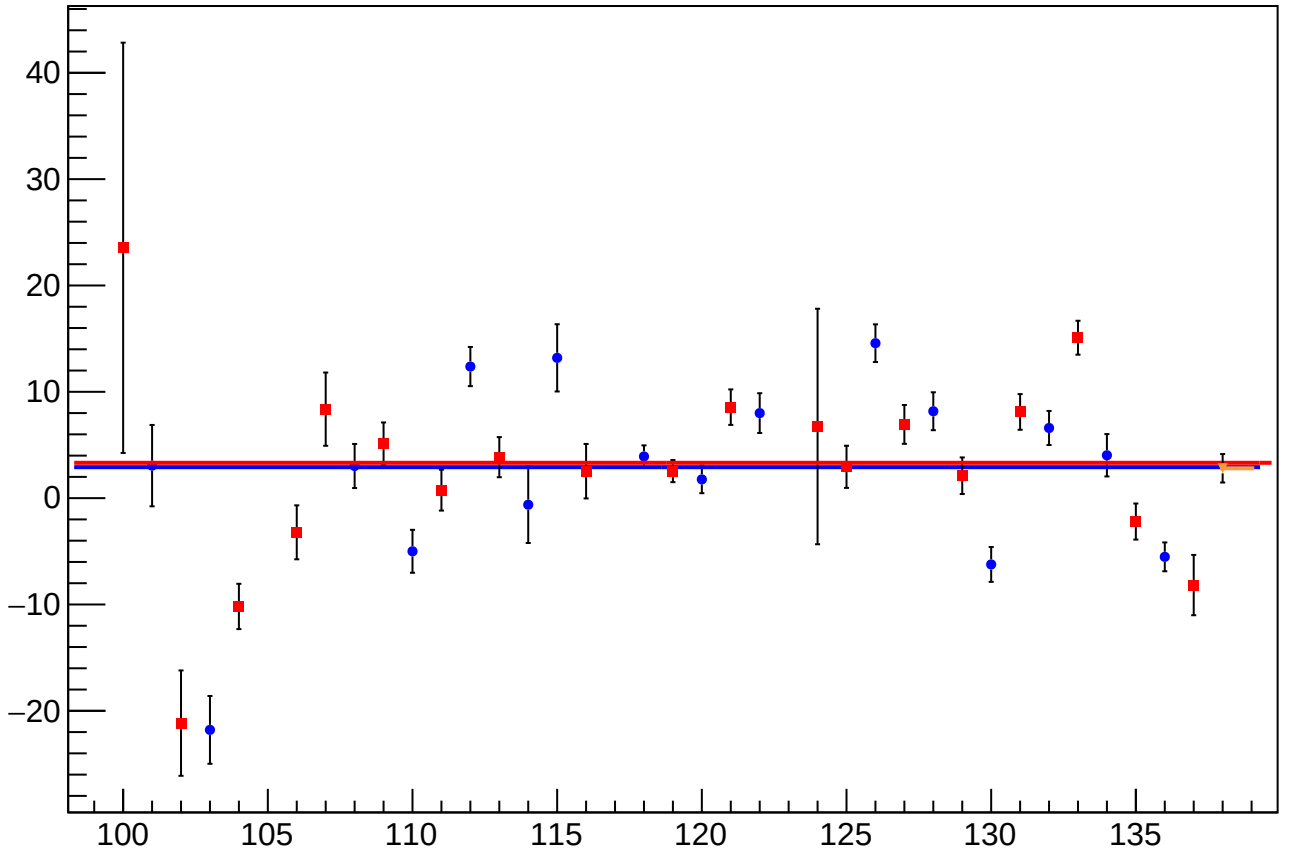
Right Out: 26.609+/-0.414 χ^2/NDF: 1920.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.566+/-0.402 χ^2/NDF: 2070.3/16

All: 26.072+/-0.288 χ^2/NDF: 3994.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2.912+/-0.442 χ^2/NDF: 250.0/15

Left Out: 2.809+/-1.338 χ^2/NDF:0.0/0

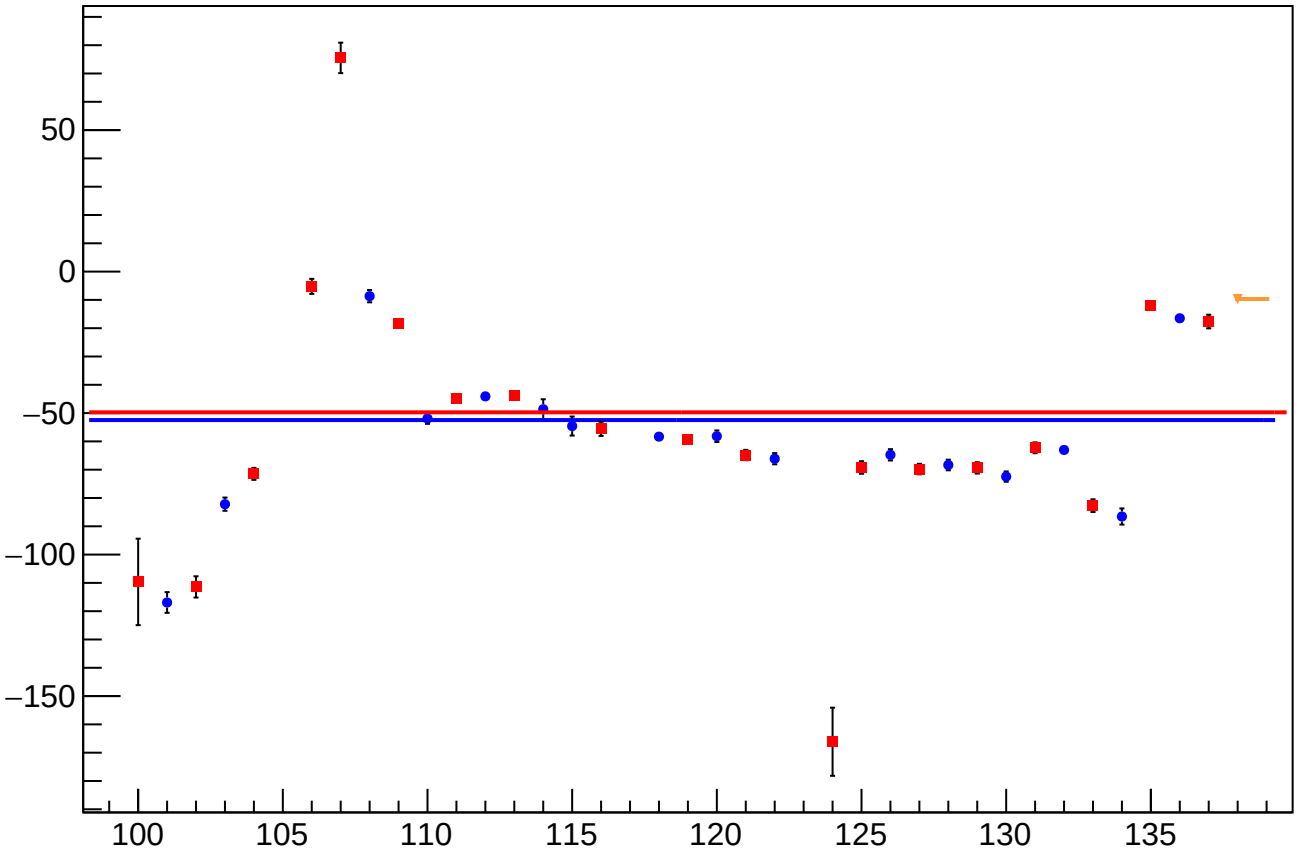
Right Out: 3.326+/-0.454 χ^2/NDF: 181.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.902+/-0.420 χ^2/NDF: 250.0/16

All: 3.098+/-0.308 χ^2/NDF: 432.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -52.467+/-0.488 χ^2/NDF: 2330.2/15

Left Out: -9.688+/-1.311 χ^2/NDF:0.0/0

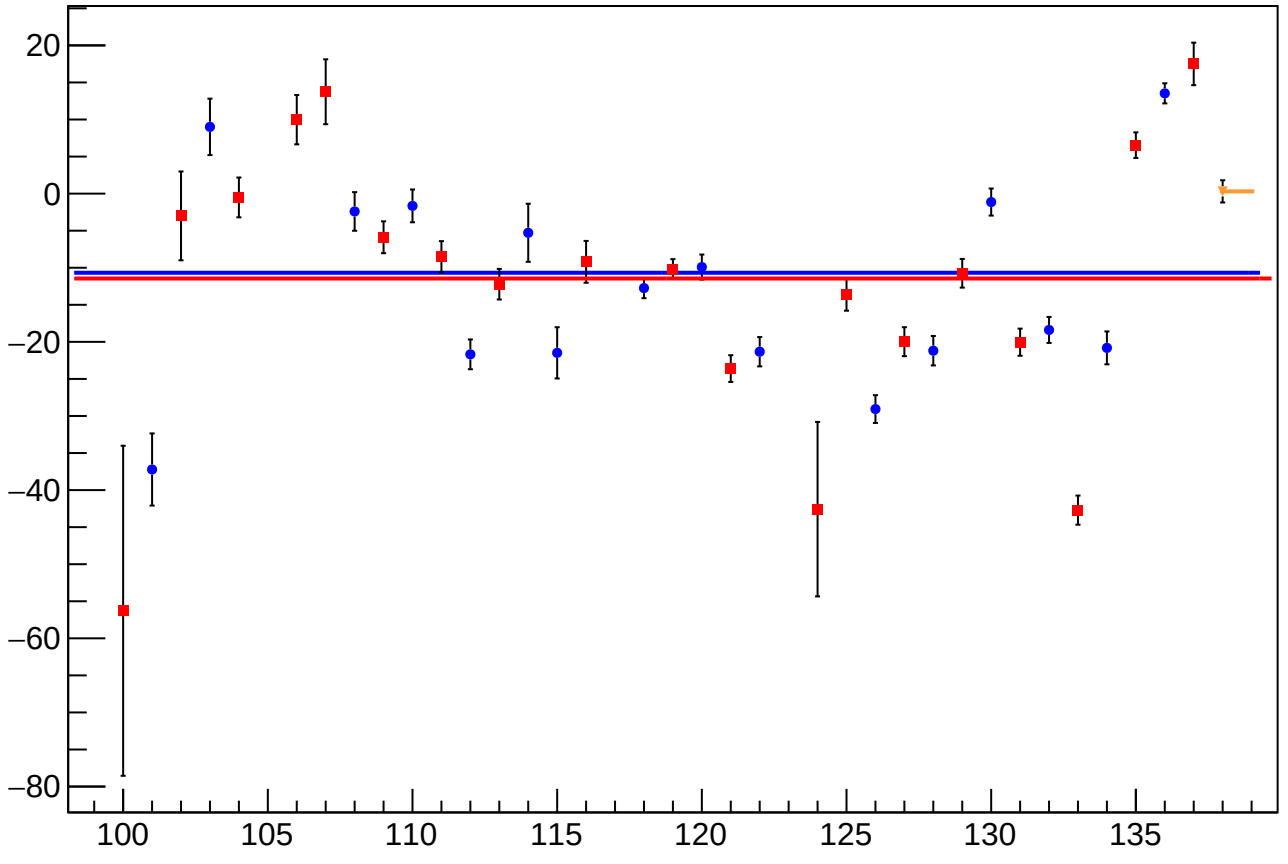
Right Out: -49.734+/-0.494 χ^2/NDF: 3009.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -47.267+/-0.457 χ^2/NDF: 3265.3/16

All: -48.405+/-0.336 χ^2/NDF: 6288.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -10.675+/-0.505 χ^2/NDF: 666.4/15

Left Out: 0.305+/-1.500 χ^2/NDF:0.0/0

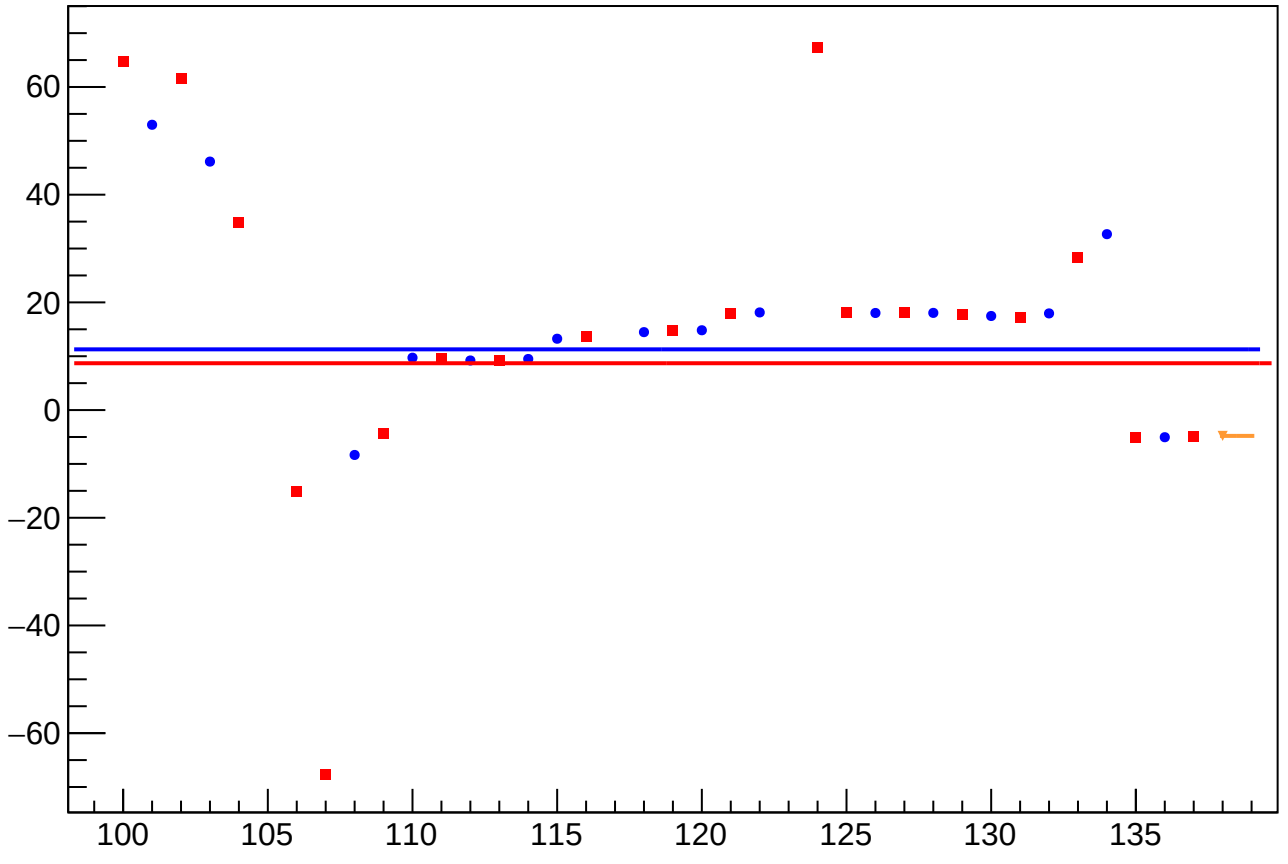
Right Out: -11.450+/-0.516 χ^2/NDF: 665.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -9.555+/-0.479 χ^2/NDF: 714.5/16

All: -10.432+/-0.351 χ^2/NDF: 1387.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 11.277+/-0.030 χ^2/NDF: 349346.9/15

Left Out: -4.796+/-0.051 χ^2/NDF:0.0/0

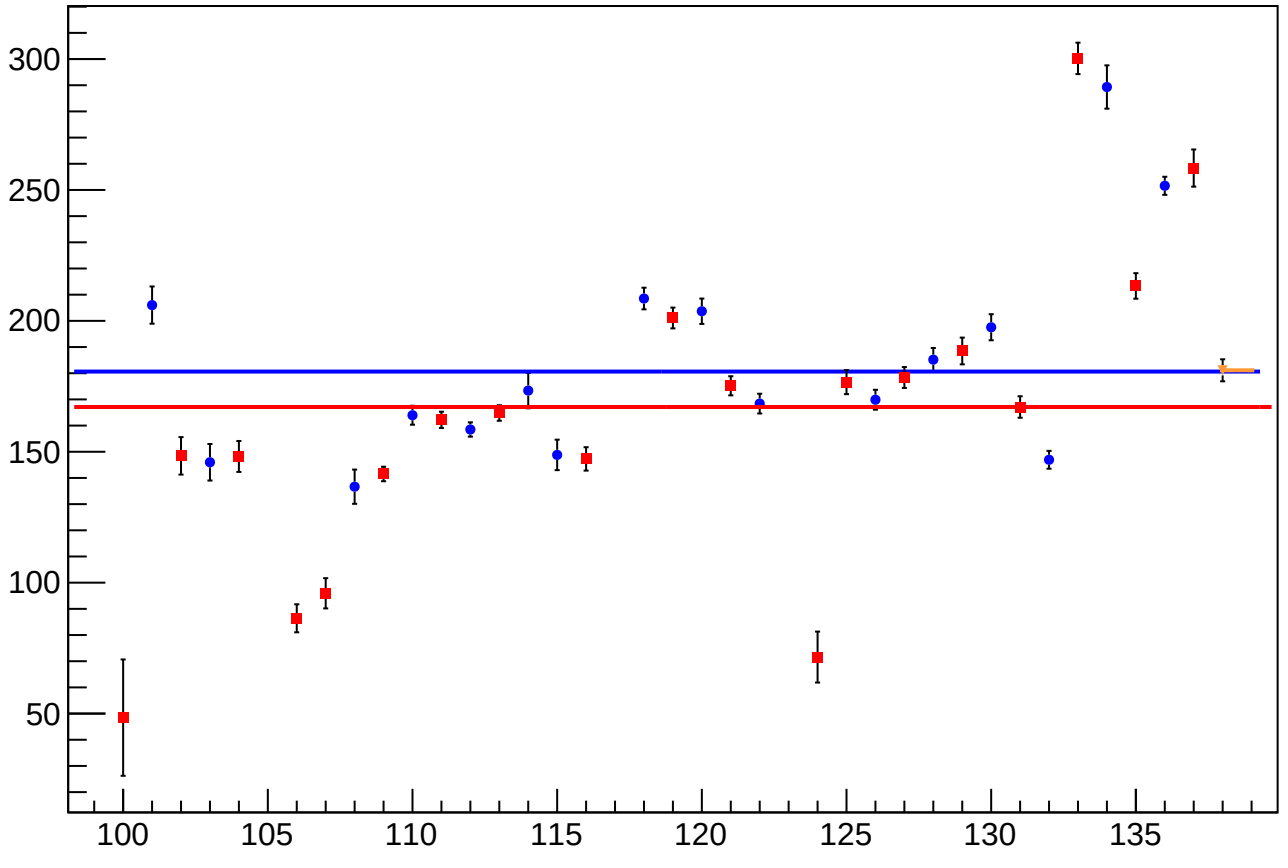
Right Out: 8.698+/-0.031 χ^2/NDF: 436156.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.213+/-0.026 χ^2/NDF: 422292.2/16

All: 7.813+/-0.020 χ^2/NDF: 859778.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 180.634+/-1.090 χ^2/NDF: 993.4/15

Left Out: 181.117+/-4.206 χ^2/NDF:0.0/0

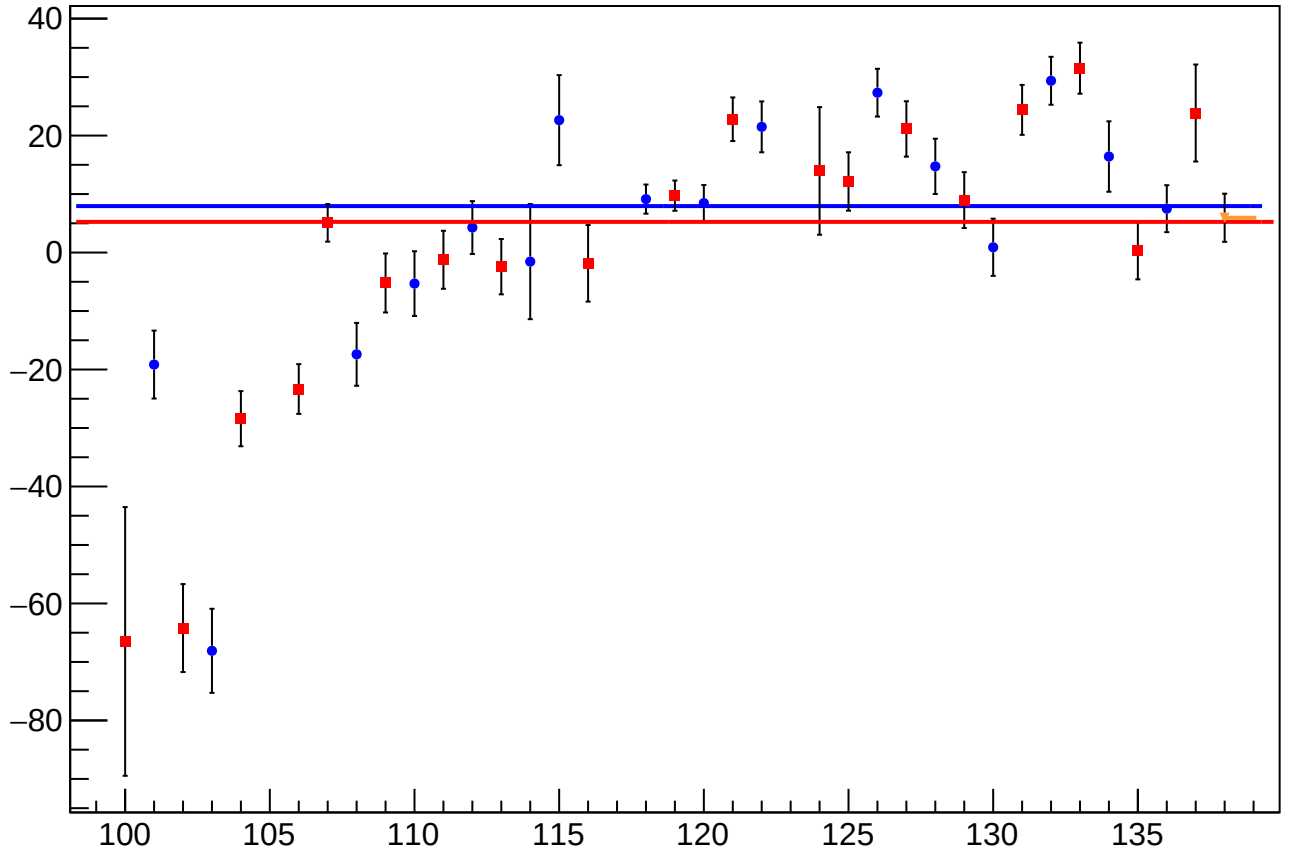
Right Out: 167.102+/-1.021 χ^2/NDF: 1484.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 180.665+/-1.055 χ^2/NDF: 993.4/16

All: 173.661+/-0.734 χ^2/NDF: 2563.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 7.942+/-1.113 χ^2/NDF: 232.9/15

Left Out: 5.948+/-4.114 χ^2/NDF:0.0/0

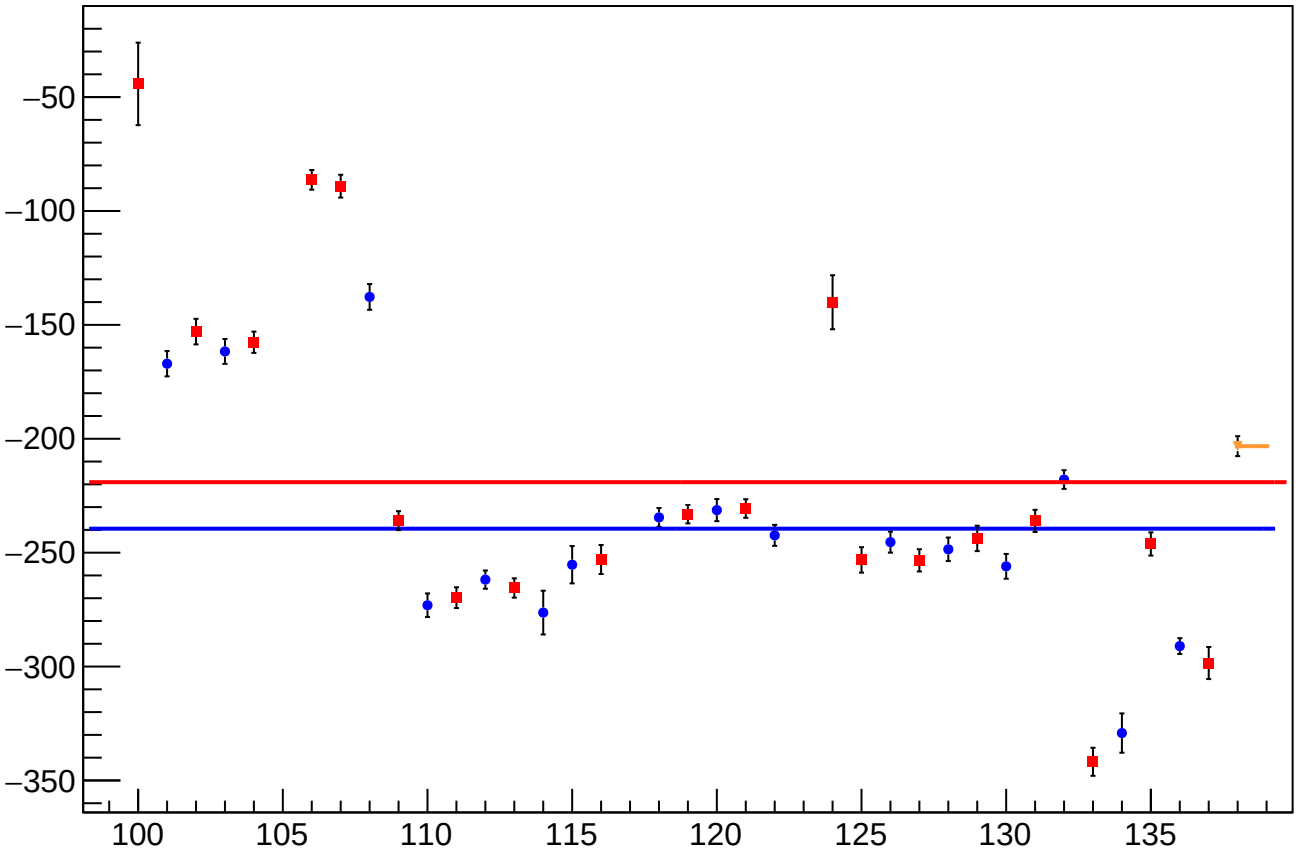
Right Out: 5.244+/-1.062 χ^2/NDF: 302.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.806+/-1.075 χ^2/NDF: 233.1/16

All: 6.510+/-0.755 χ^2/NDF: 538.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -239.468+/-1.245 χ^2/NDF: 1162.2/15

Left Out: -203.244+/-4.388 χ^2/NDF:0.0/0

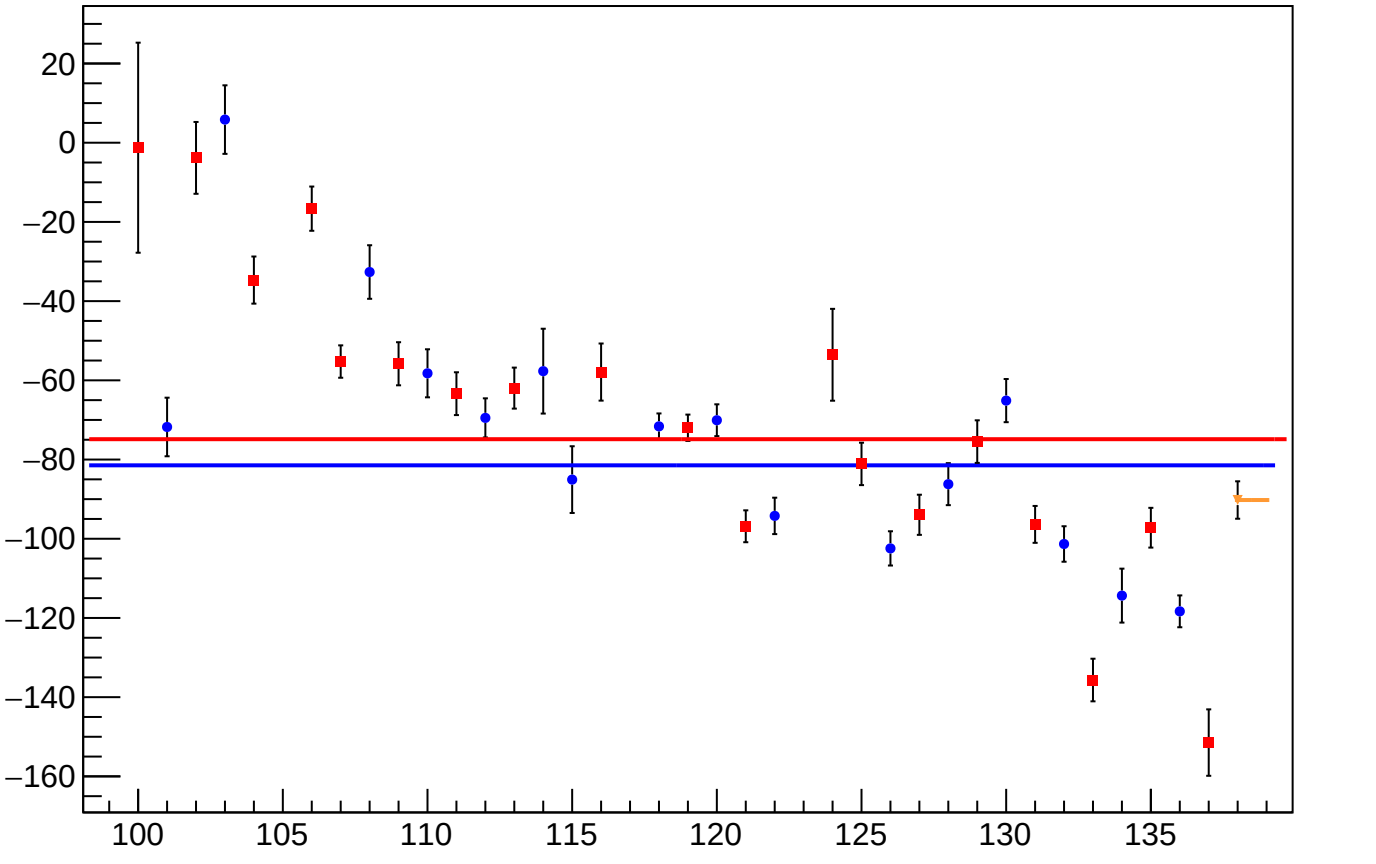
Right Out: -219.053+/-1.176 χ^2/NDF: 3049.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -236.768+/-1.198 χ^2/NDF: 1225.3/16

All: -227.748+/-0.839 χ^2/NDF: 4385.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -81.462+/-1.287 χ^2/NDF: 366.5/15

Left Out: -90.221+/-4.727 χ^2/NDF:0.0/0

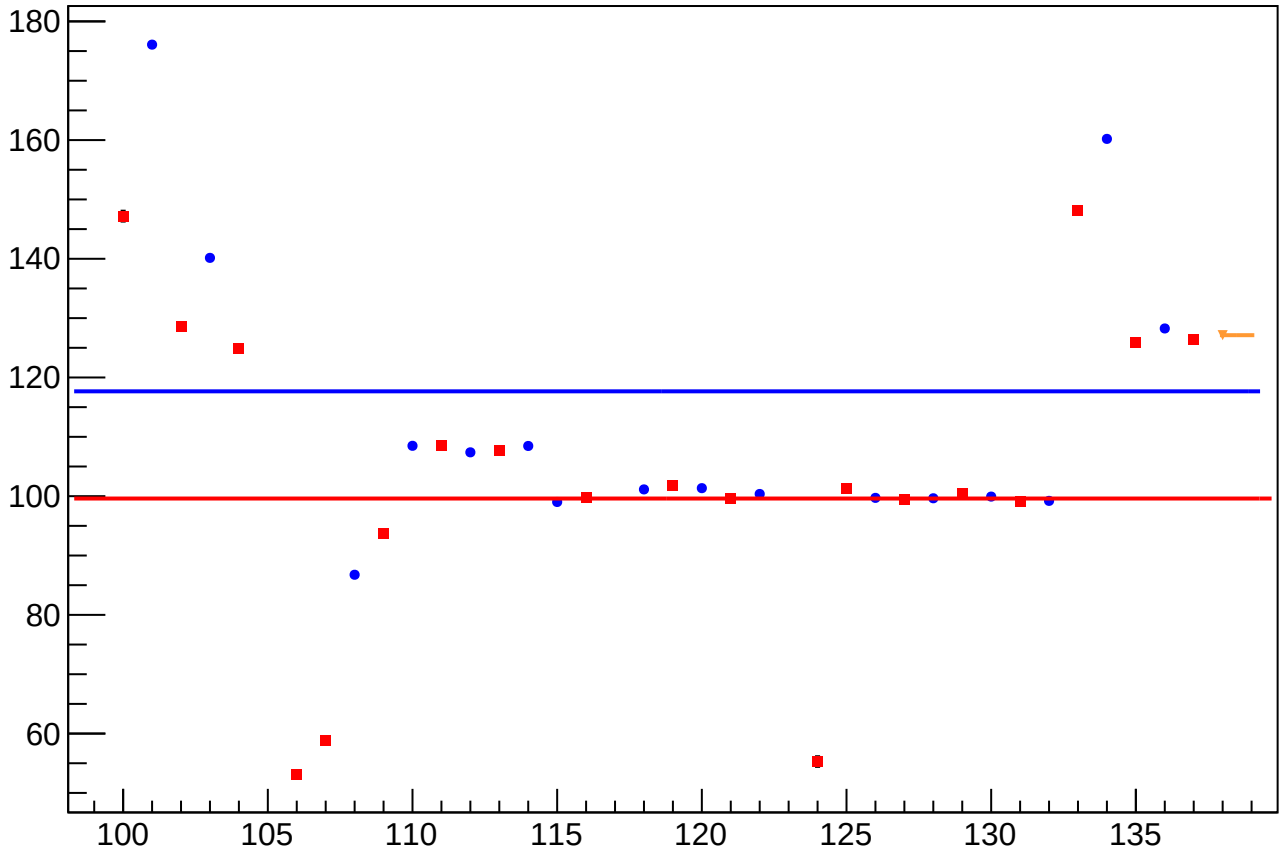
Right Out: -74.861+/-1.230 χ^2/NDF: 576.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -82.066+/-1.242 χ^2/NDF: 369.7/16

All: -78.430+/-0.874 χ^2/NDF: 963.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 117.666+/-0.078 χ^2/NDF: 95397.2/15

Left Out: 127.128+/-0.177 χ^2/NDF:0.0/0

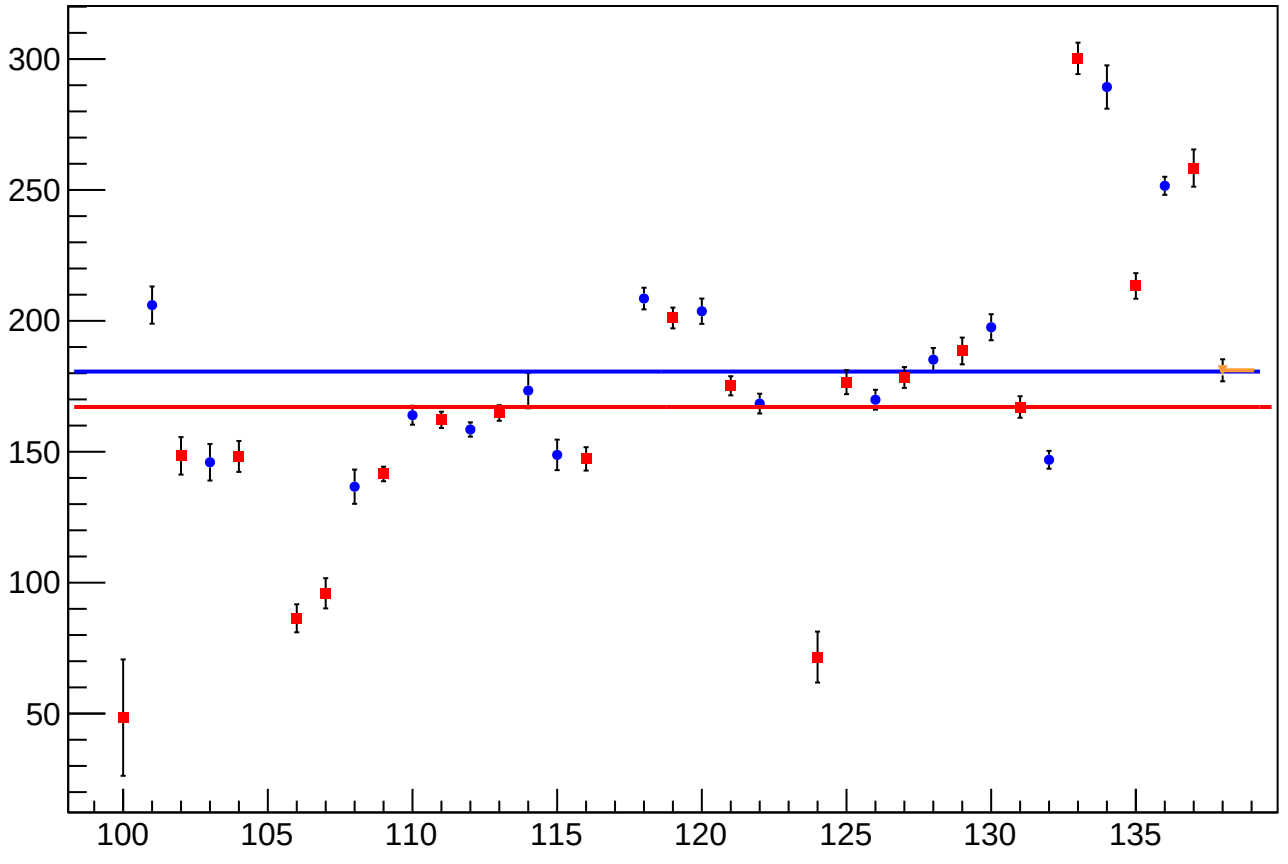
Right Out: 99.604+/-0.070 χ^2/NDF: 166236.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 119.217+/-0.072 χ^2/NDF: 97793.4/16

All: 109.237+/-0.050 χ^2/NDF: 302255.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 180.634+/-1.090 χ^2/NDF: 993.4/15

Left Out: 181.117+/-4.206 χ^2/NDF:0.0/0

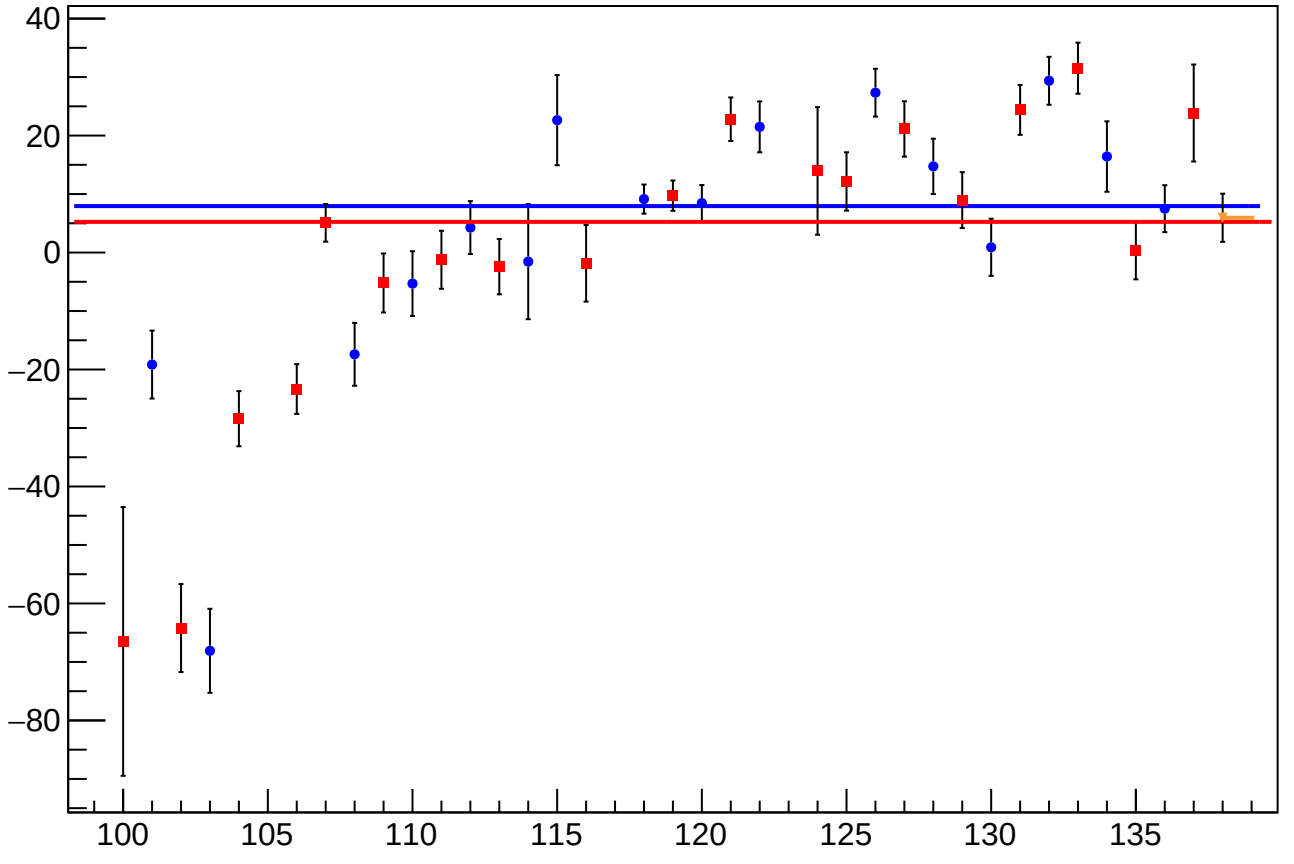
Right Out: 167.102+/-1.021 χ^2/NDF: 1484.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 180.665+/-1.055 χ^2/NDF: 993.4/16

All: 173.661+/-0.734 χ^2/NDF: 2563.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 7.942+/-1.113 χ^2/NDF: 232.9/15

Left Out: 5.948+/-4.114 χ^2/NDF:0.0/0

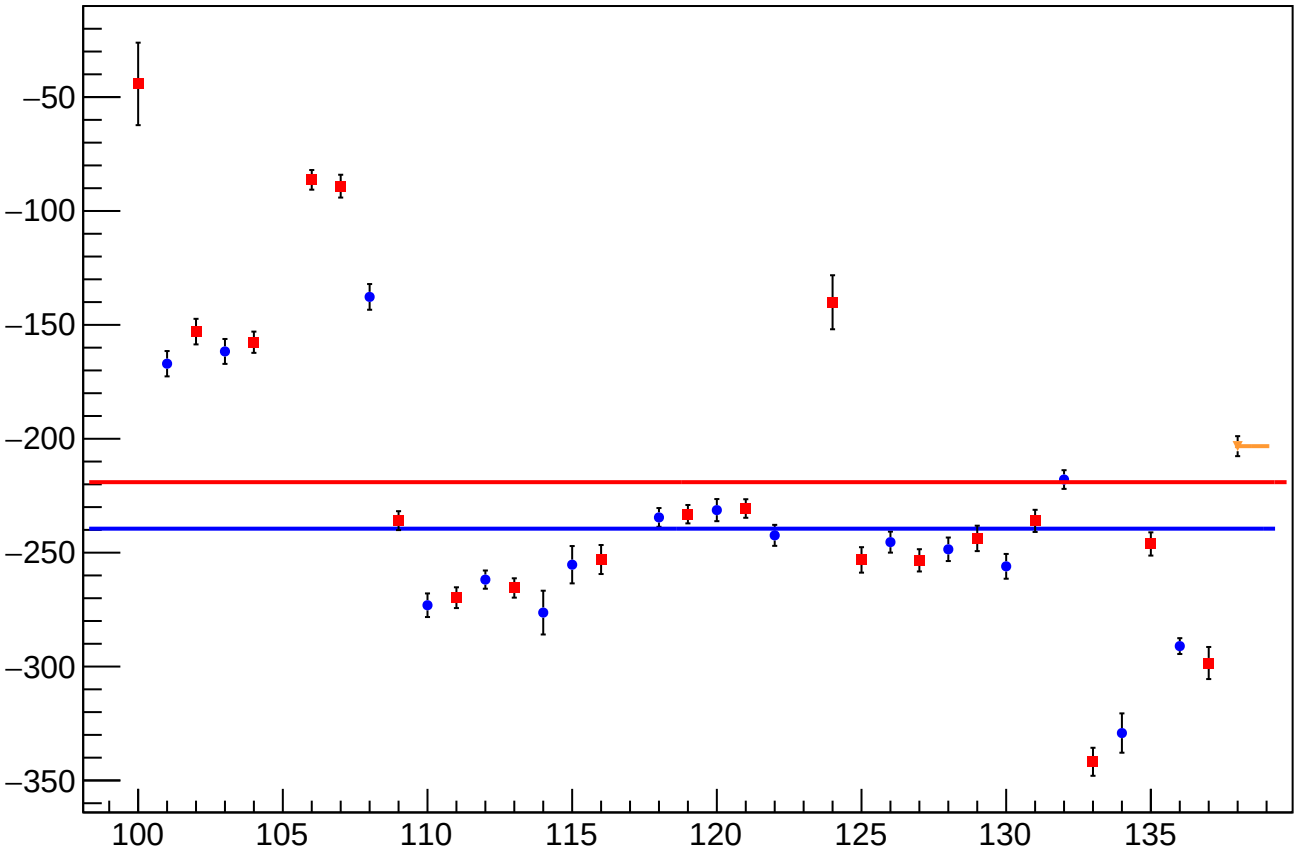
Right Out: 5.244+/-1.062 χ^2/NDF: 302.9/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.806+/-1.075 χ^2/NDF: 233.1/16

All: 6.510+/-0.755 χ^2/NDF: 538.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -239.468+/-1.245 χ^2/NDF: 1162.2/15

Left Out: -203.244+/-4.388 χ^2/NDF:0.0/0

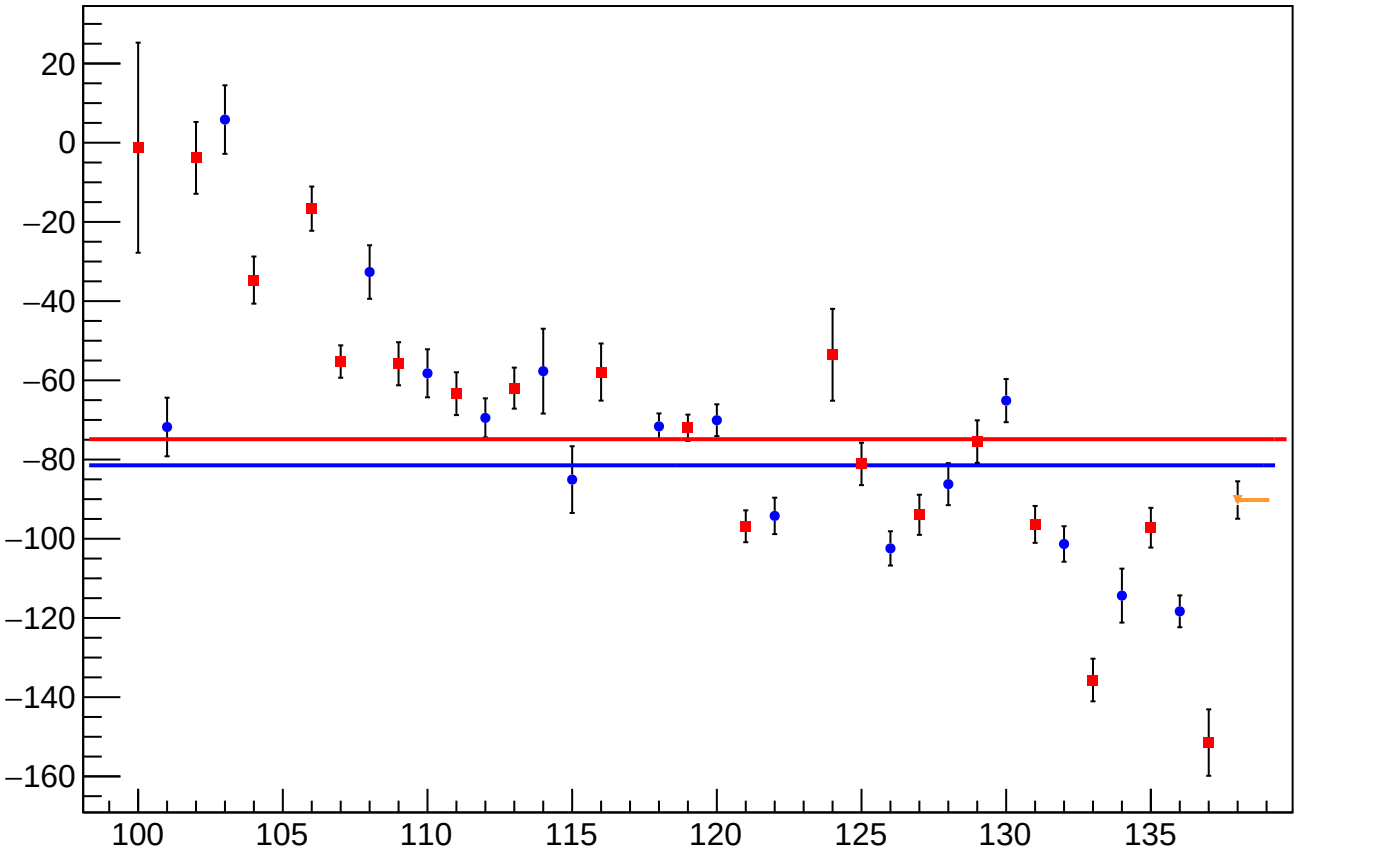
Right Out: -219.053+/-1.176 χ^2/NDF: 3049.3/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -236.768+/-1.198 χ^2/NDF: 1225.3/16

All: -227.748+/-0.839 χ^2/NDF: 4385.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -81.462+/-1.287 χ^2/NDF: 366.5/15

Left Out: -90.221+/-4.727 χ^2/NDF:0.0/0

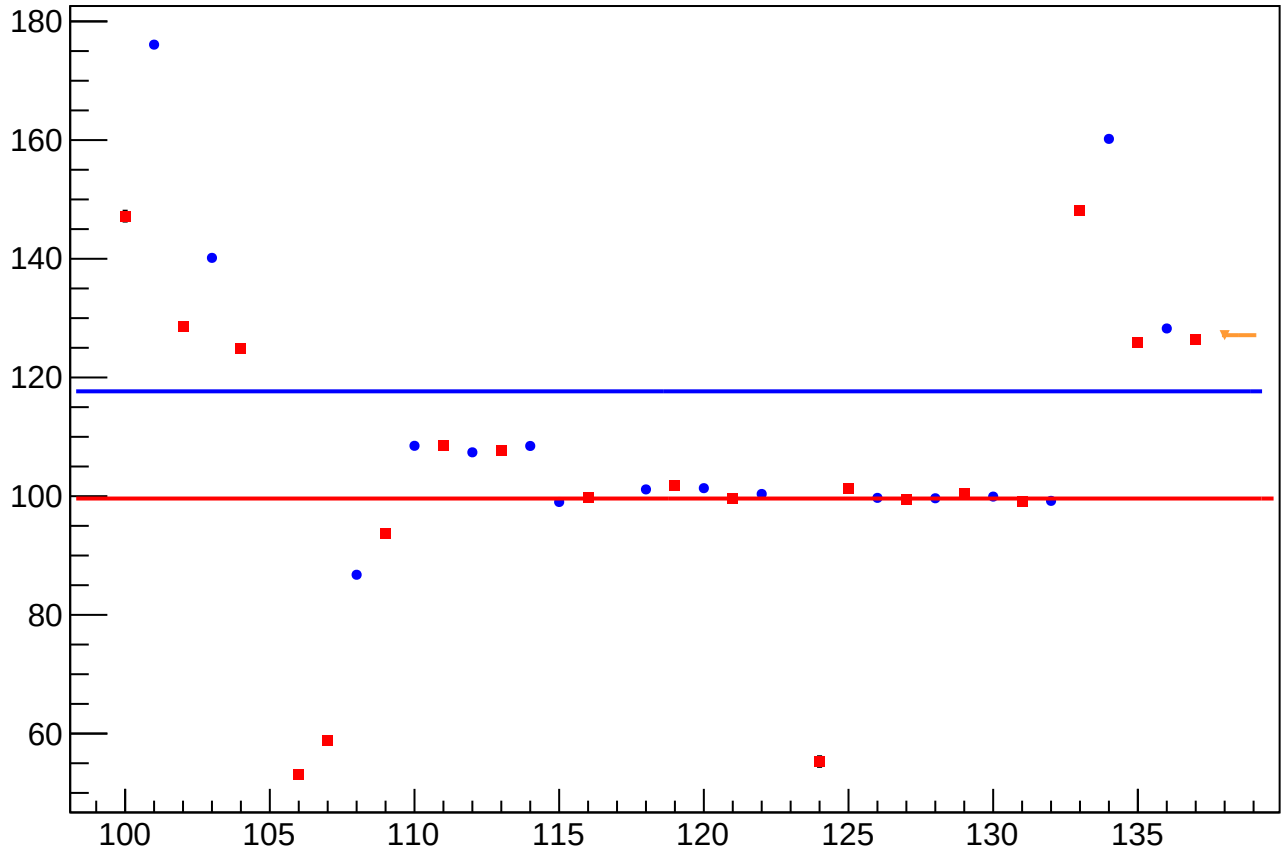
Right Out: -74.861+/-1.230 χ^2/NDF: 576.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -82.066+/-1.242 χ^2/NDF: 369.7/16

All: -78.430+/-0.874 χ^2/NDF: 963.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 117.666+/-0.078 χ^2/NDF: 95397.2/15

Left Out: 127.128+/-0.177 χ^2/NDF:0.0/0

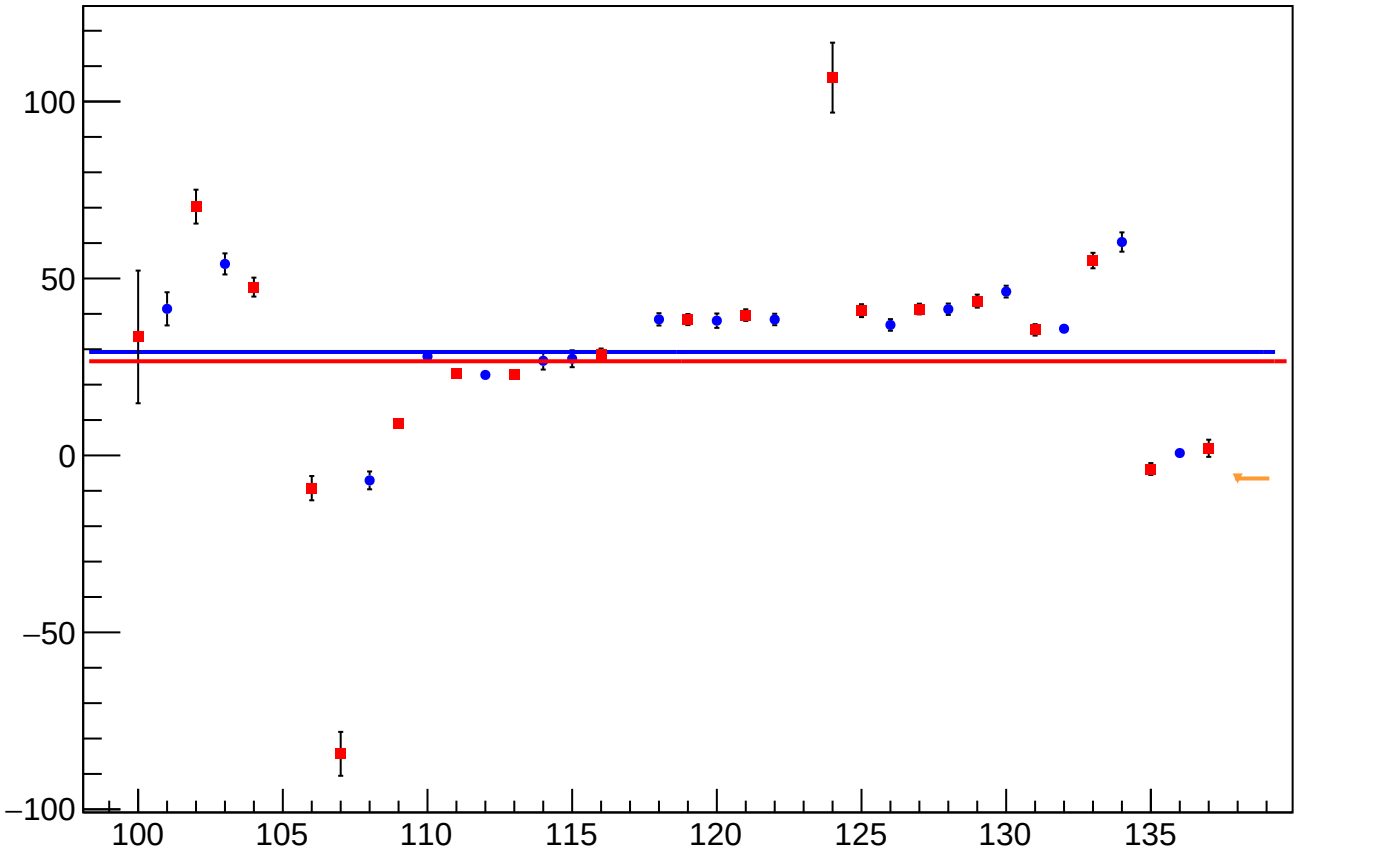
Right Out: 99.604+/-0.070 χ^2/NDF: 166236.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 119.217+/-0.072 χ^2/NDF: 97793.4/16

All: 109.237+/-0.050 χ^2/NDF: 302255.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 29.229+/-0.424 χ^2/NDF: 1342.9/15

Left Out: -6.516+/-1.256 χ^2/NDF:0.0/0

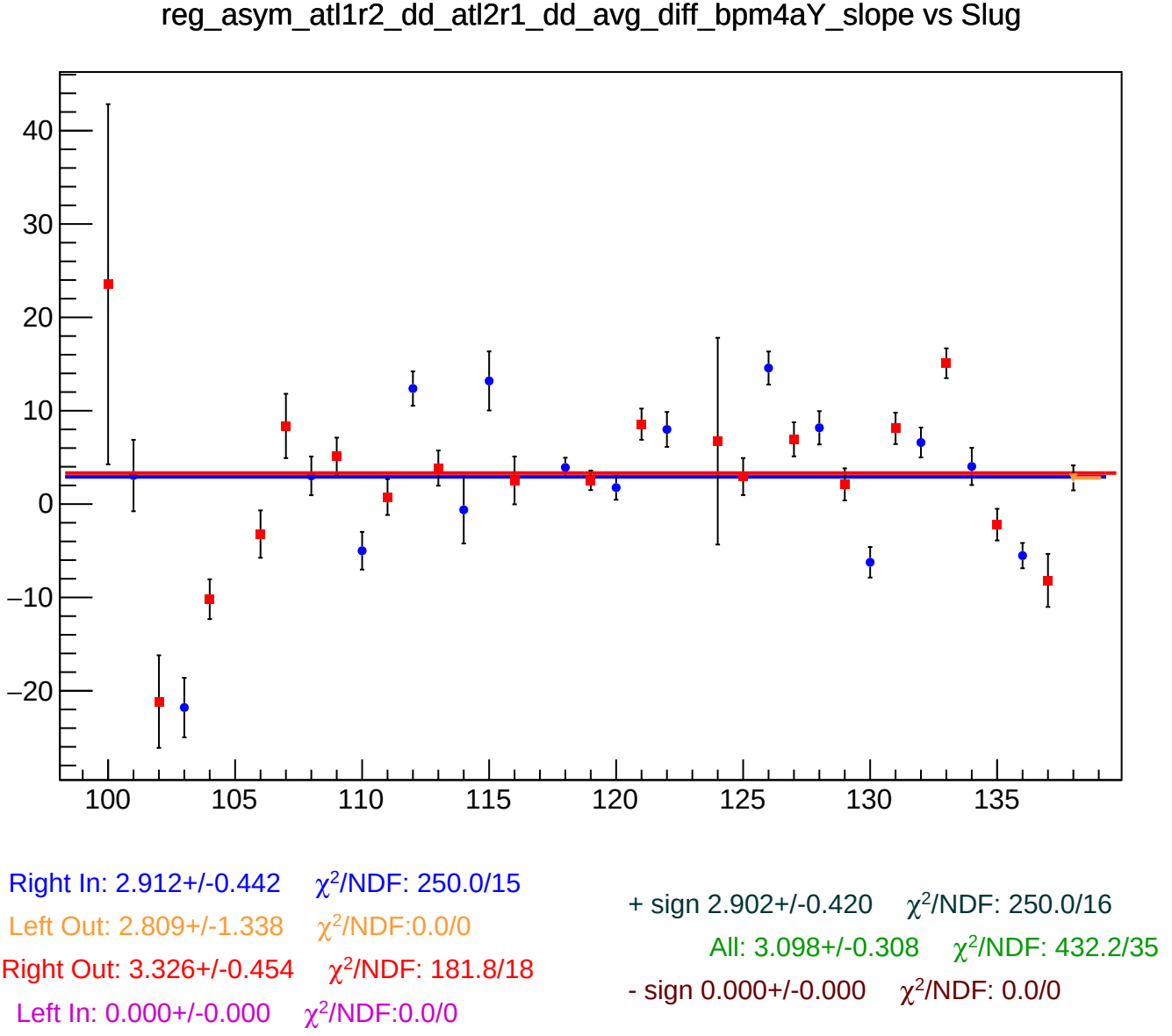
Right Out: 26.609+/-0.414 χ^2/NDF: 1920.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.566+/-0.402 χ^2/NDF: 2070.3/16

All: 26.072+/-0.288 χ^2/NDF: 3994.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug
40
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120
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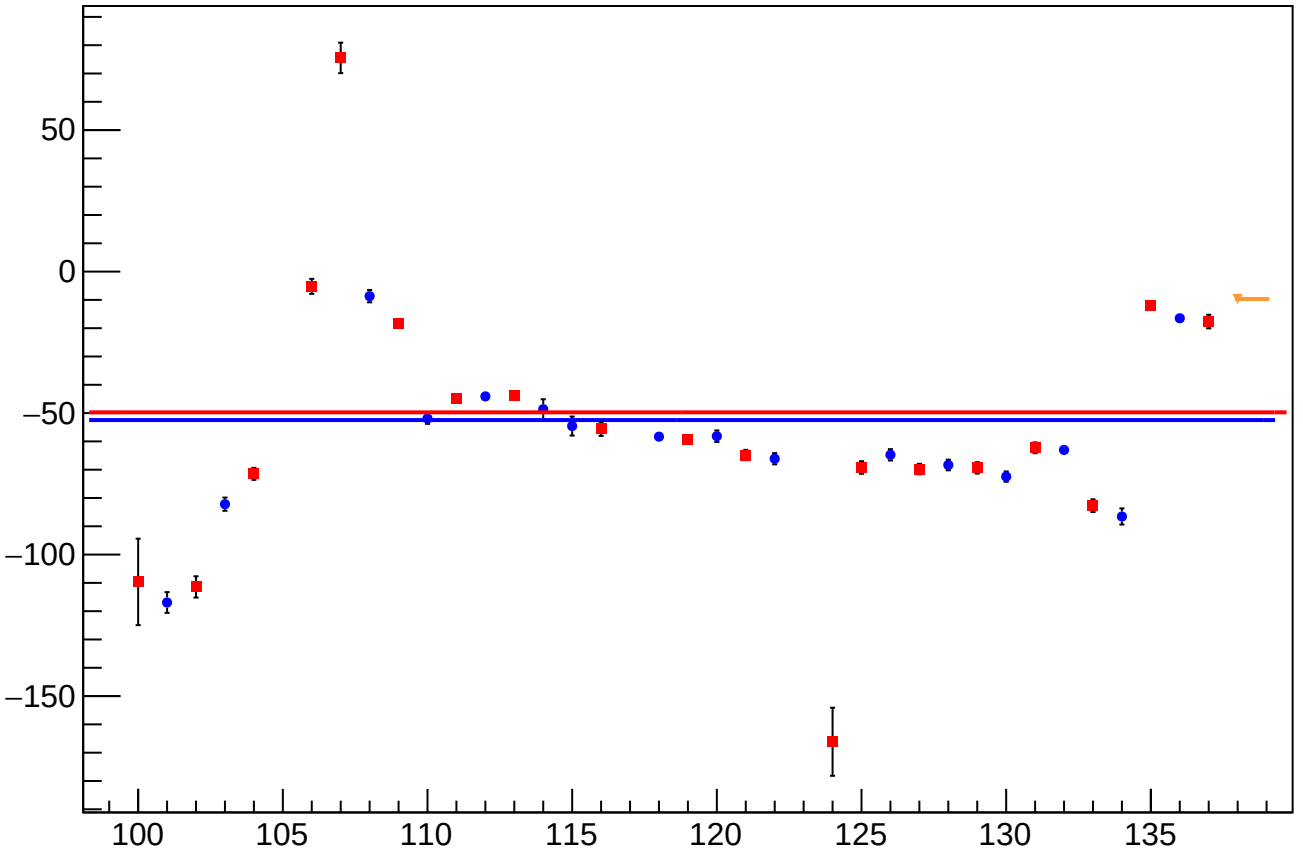
135
Right In: 2.912+/-0.442 χ²/NDF: 250.0/15
Left Out: 2.809+/-1.338 χ²/NDF:0.0/0
Right Out: 3.326+/-0.454 χ²/NDF: 181.8/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 2.902+/-0.420 χ²/NDF: 250.0/16
All: 3.098+/-0.308 χ²/NDF: 432.2/35
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -52.467+/-0.488 χ^2/NDF: 2330.2/15

Left Out: -9.688+/-1.311 χ^2/NDF:0.0/0

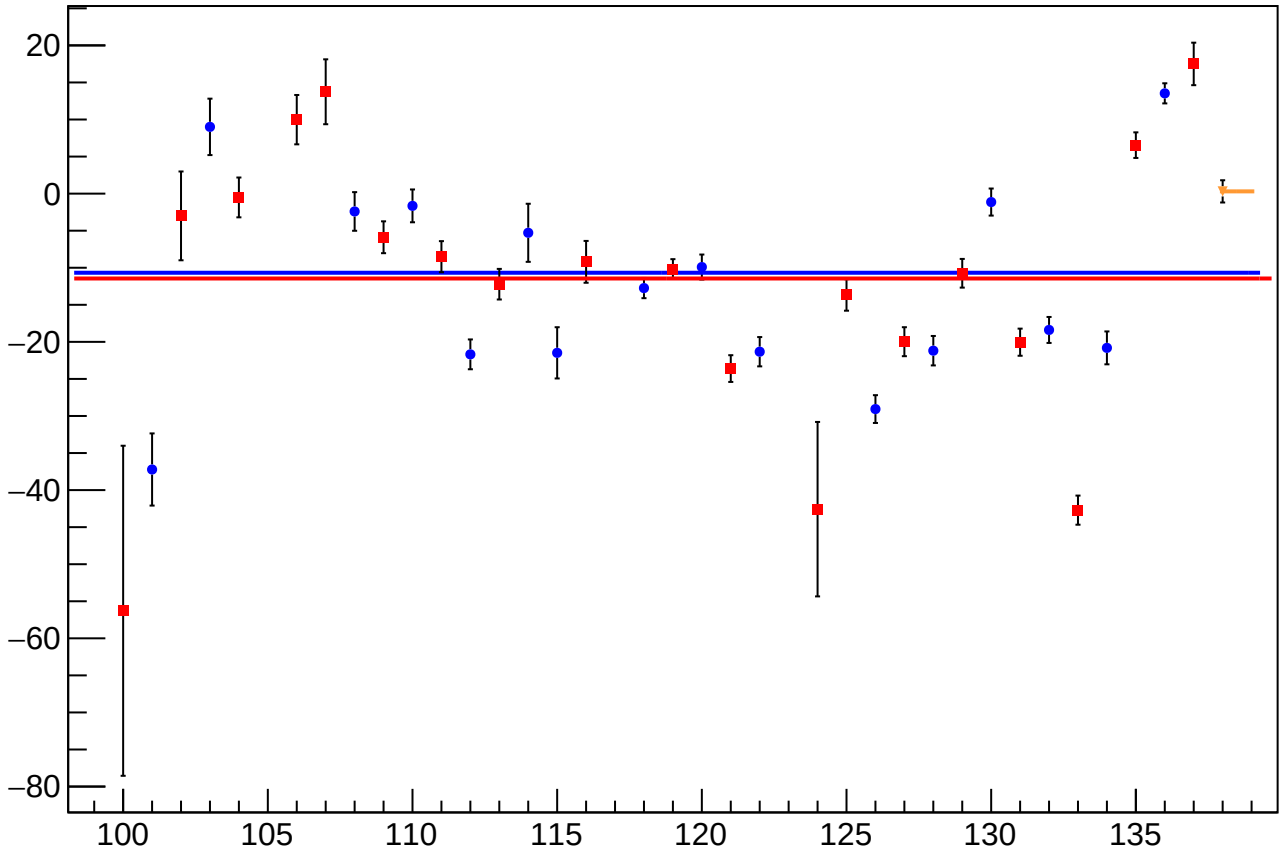
Right Out: -49.734+/-0.494 χ^2/NDF: 3009.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -47.267+/-0.457 χ^2/NDF: 3265.3/16

All: -48.405+/-0.336 χ^2/NDF: 6288.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -10.675+/-0.505 χ^2/NDF: 666.4/15

Left Out: 0.305+/-1.500 χ^2/NDF:0.0/0

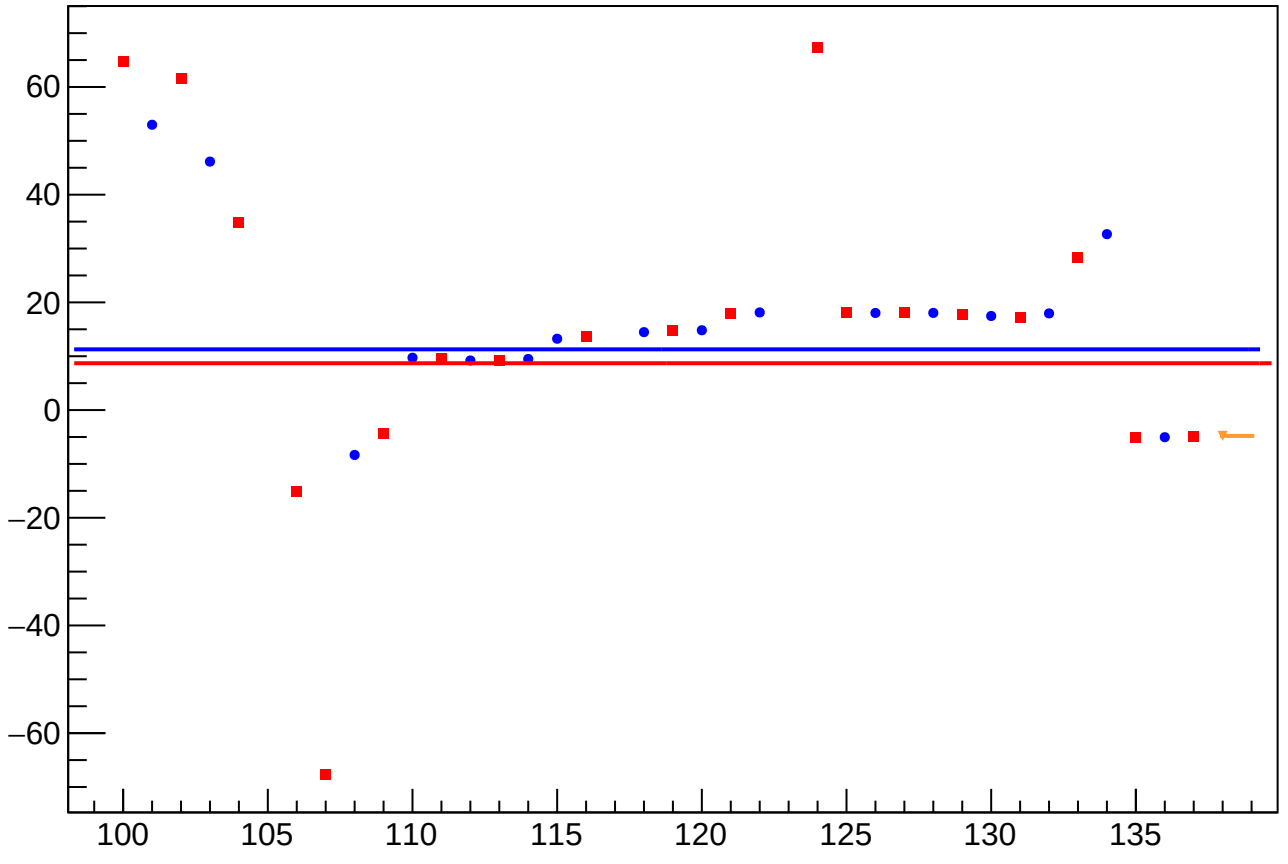
Right Out: -11.450+/-0.516 χ^2/NDF: 665.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -9.555+/-0.479 χ^2/NDF: 714.5/16

All: -10.432+/-0.351 χ^2/NDF: 1387.5/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 11.277+/-0.030 χ^2/NDF: 349346.9/15

Left Out: -4.796+/-0.051 χ^2/NDF:0.0/0

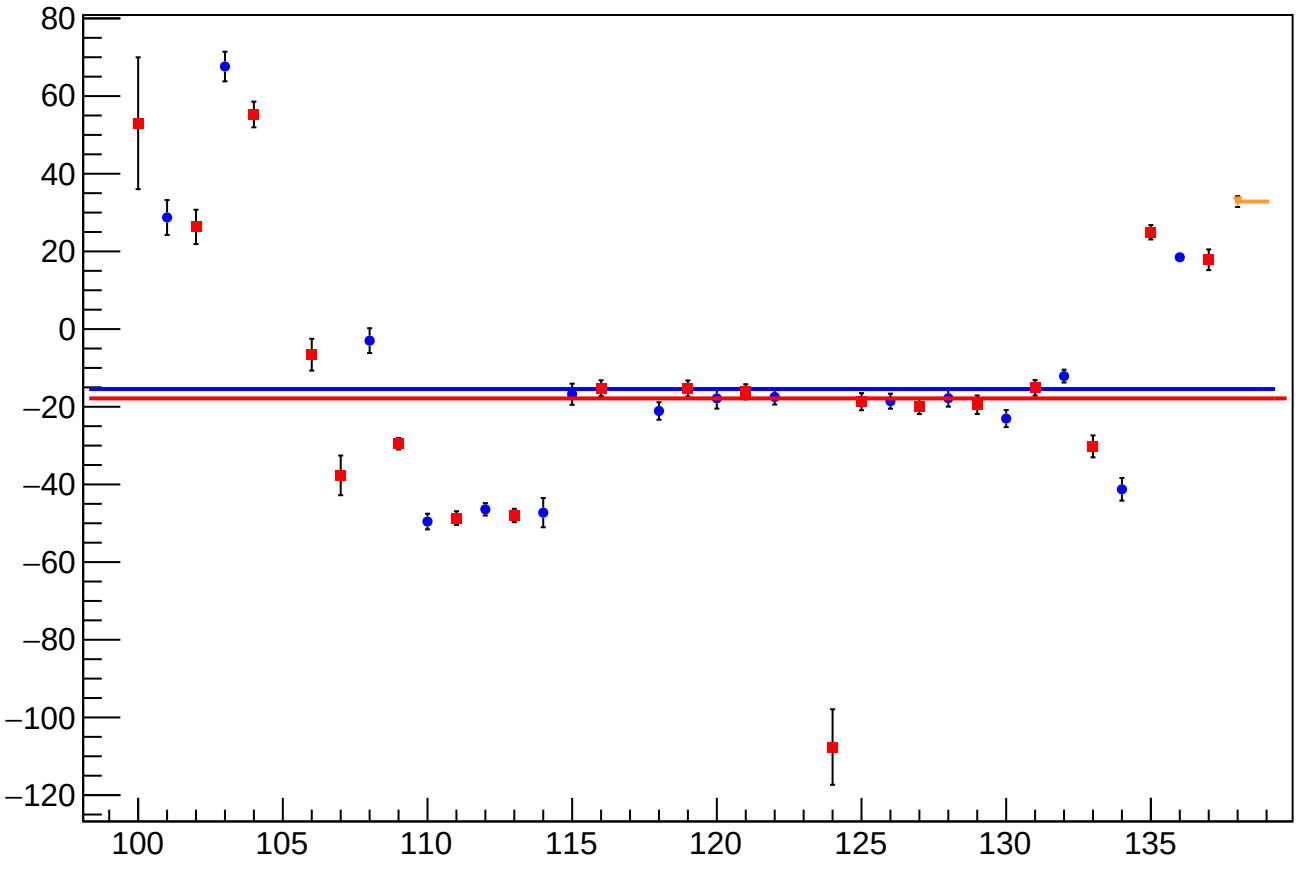
Right Out: 8.698+/-0.031 χ^2/NDF: 436156.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.213+/-0.026 χ^2/NDF: 422292.2/16

All: 7.813+/-0.020 χ^2/NDF: 859778.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -15.438+/-0.539 χ^2/NDF: 2124.2/15

Left Out: 32.837+/-1.385 χ^2/NDF:0.0/0

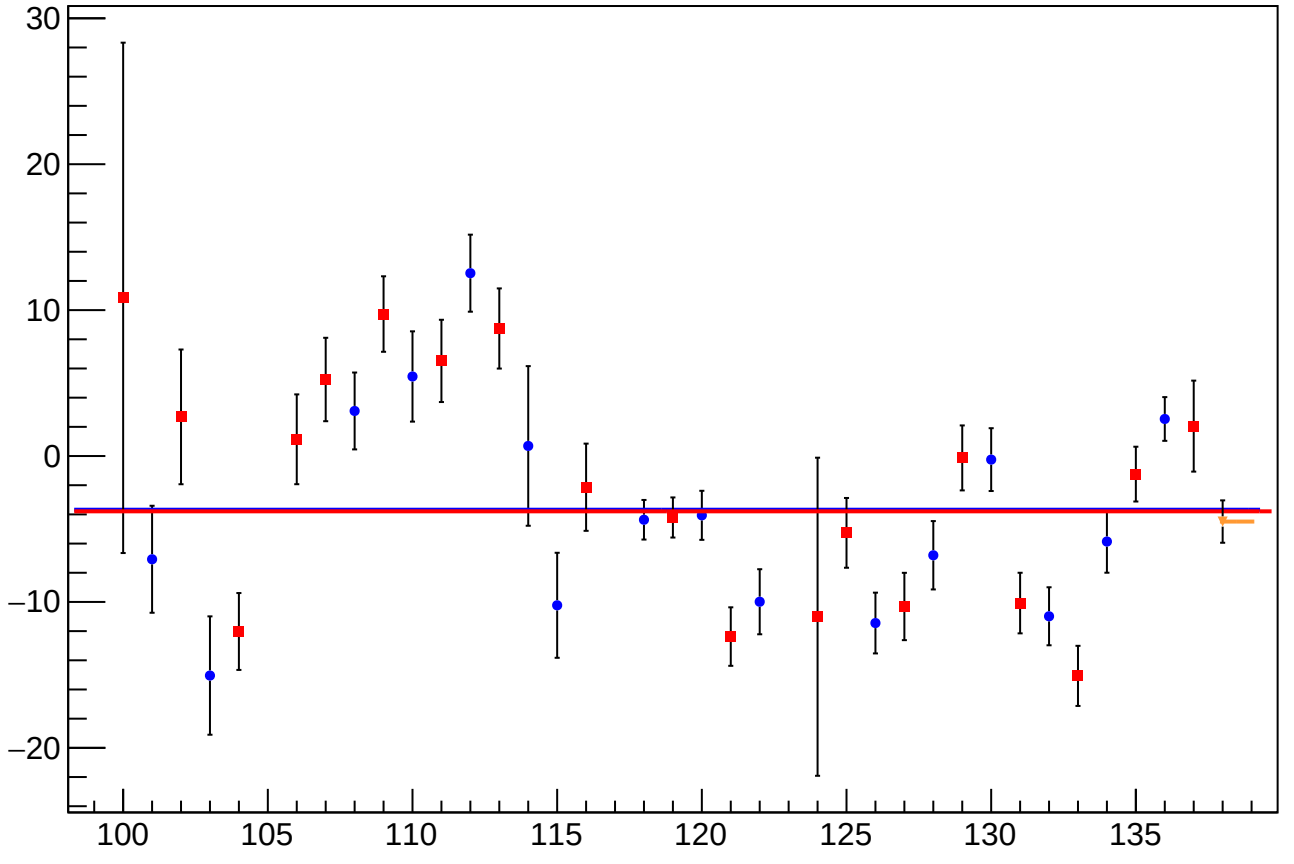
Right Out: -17.848+/-0.530 χ^2/NDF: 2125.2/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -9.090+/-0.502 χ^2/NDF: 3178.9/16

All: -13.238+/-0.364 χ^2/NDF: 5448.0/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3.679+/-0.552 χ^2/NDF: 124.0/15

Left Out: -4.491+/-1.452 χ^2/NDF:0.0/0

Right Out: -3.790+/-0.564 χ^2/NDF: 161.2/18

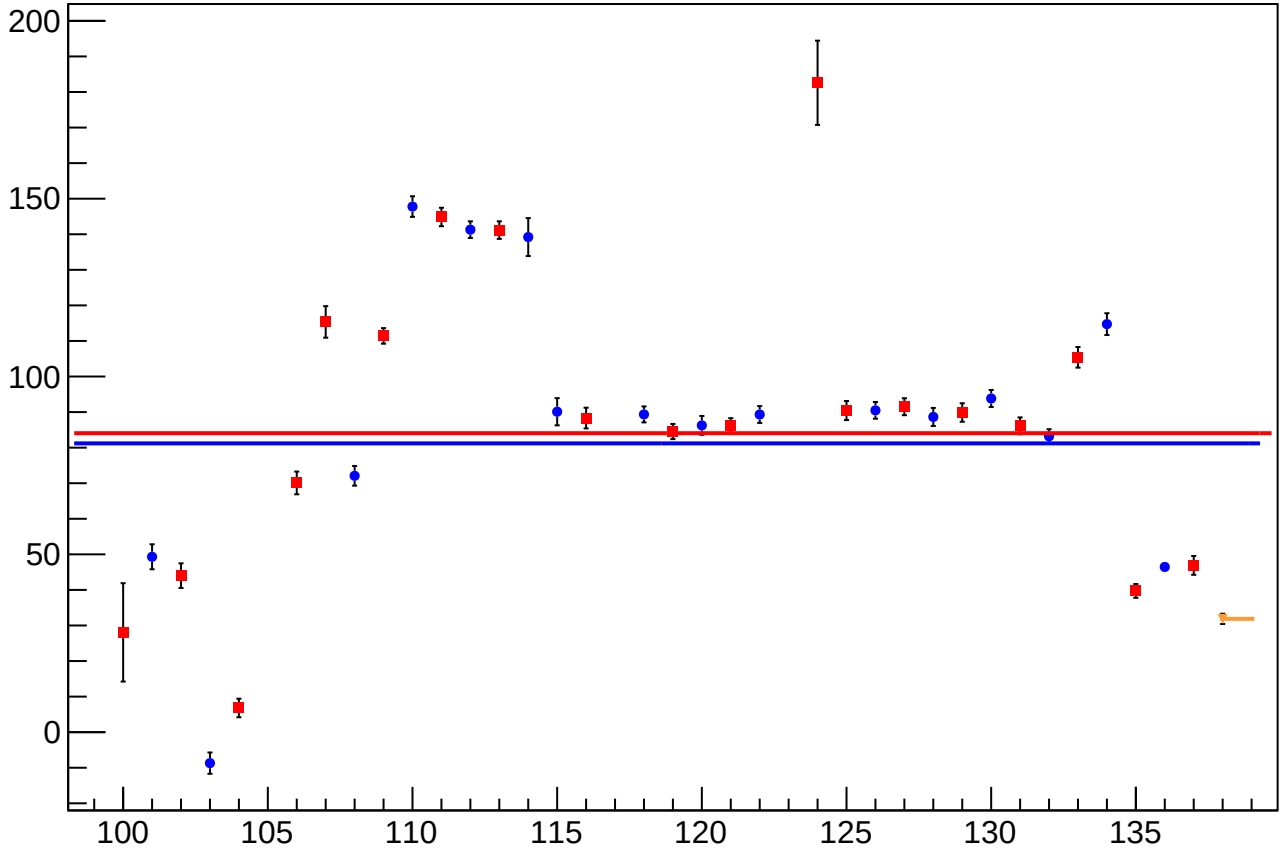
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -3.782+/-0.516 χ^2/NDF: 124.3/16

All: -3.786+/-0.381 χ^2/NDF: 285.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 81.203+/-0.607 χ^2/NDF: 3230.5/15

Left Out: 31.867+/-1.446 χ^2/NDF:0.0/0

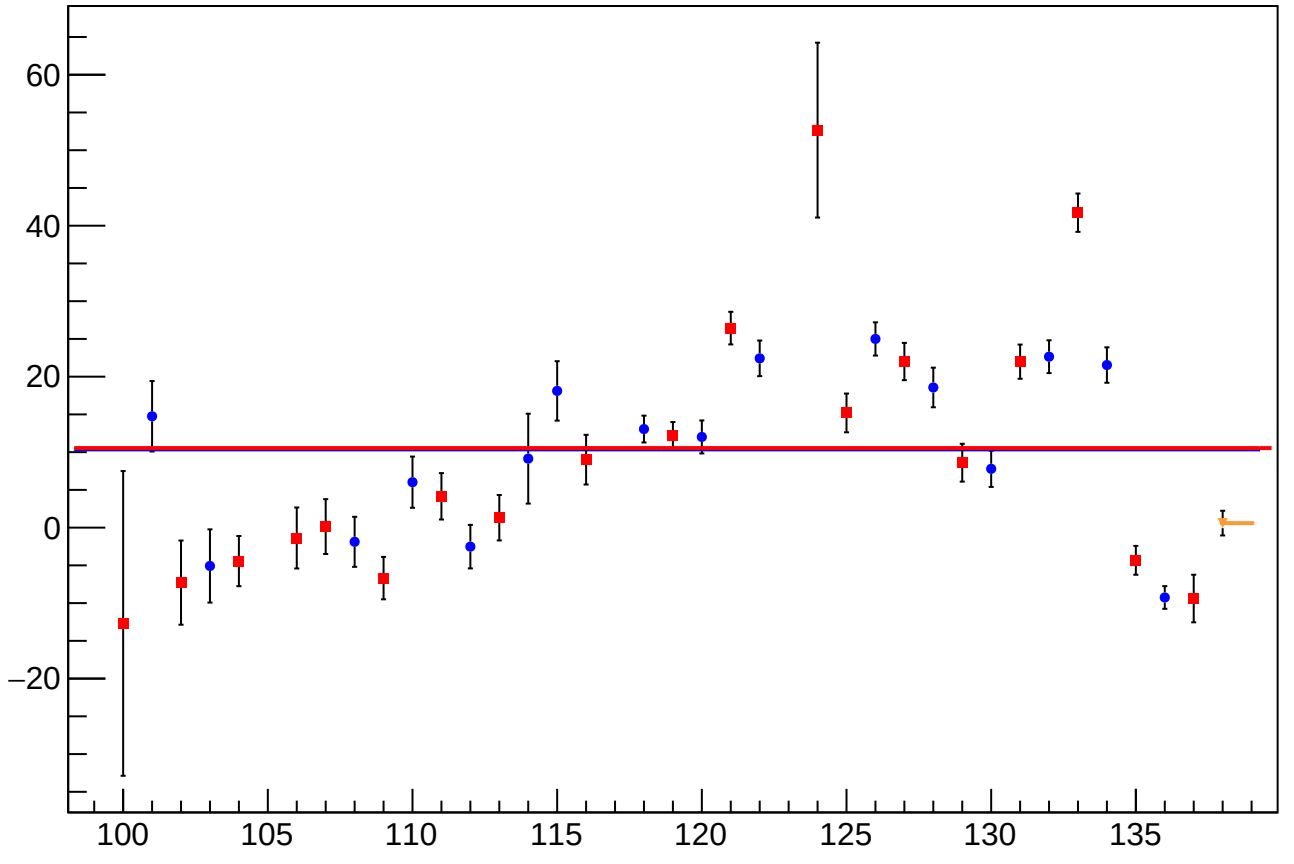
Right Out: 84.065+/-0.616 χ^2/NDF: 3206.5/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 73.814+/-0.560 χ^2/NDF: 4219.8/16

All: 78.448+/-0.414 χ^2/NDF: 7577.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 10.367+/-0.627 χ^2/NDF: 359.8/15

Left Out: 0.600+/-1.636 χ^2/NDF:0.0/0

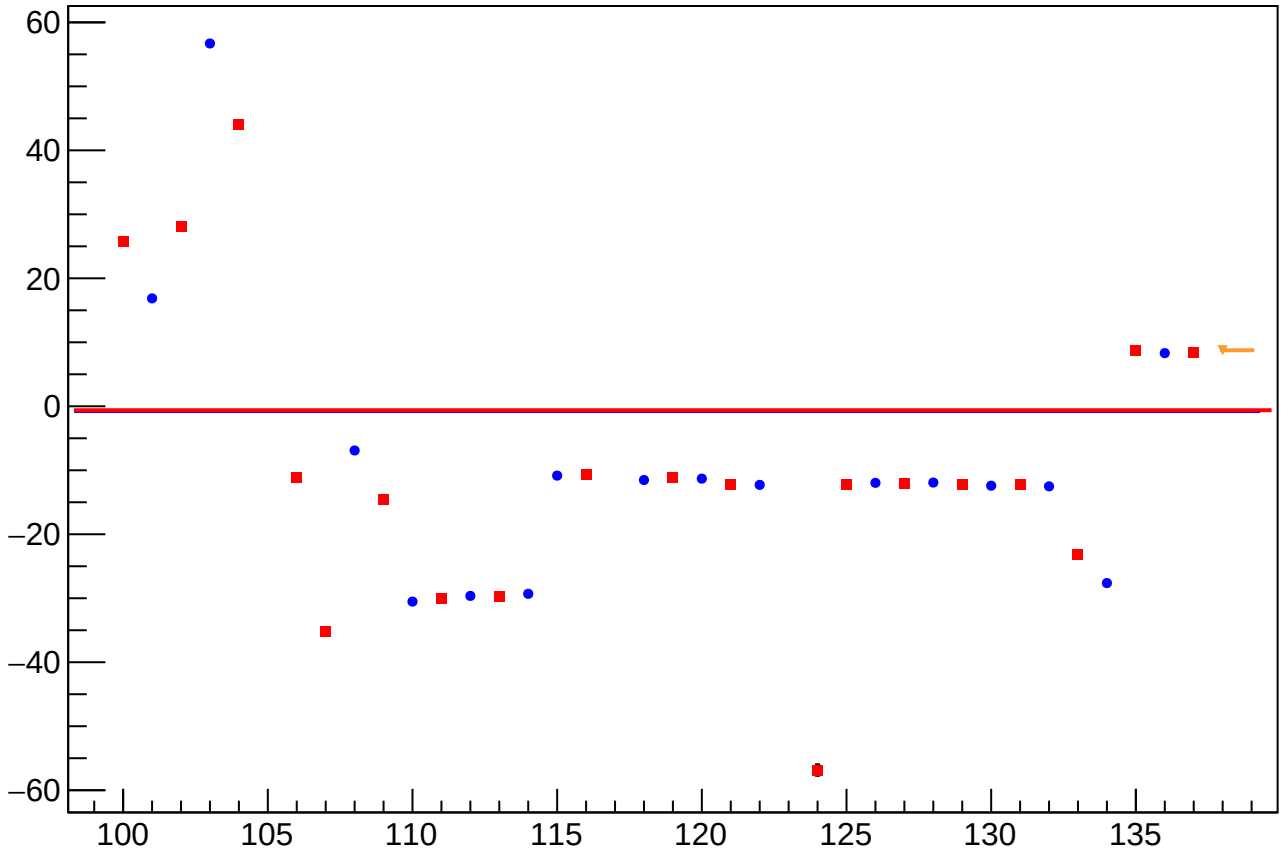
Right Out: 10.539+/-0.640 χ^2/NDF: 470.7/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9.118+/-0.585 χ^2/NDF: 390.8/16

All: 9.765+/-0.432 χ^2/NDF: 864.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.745+/-0.036 χ^2/NDF: 367993.9/15

Left Out: 8.761+/-0.057 χ^2/NDF:0.0/0

Right Out: -0.618+/-0.037 χ^2/NDF: 316492.6/18

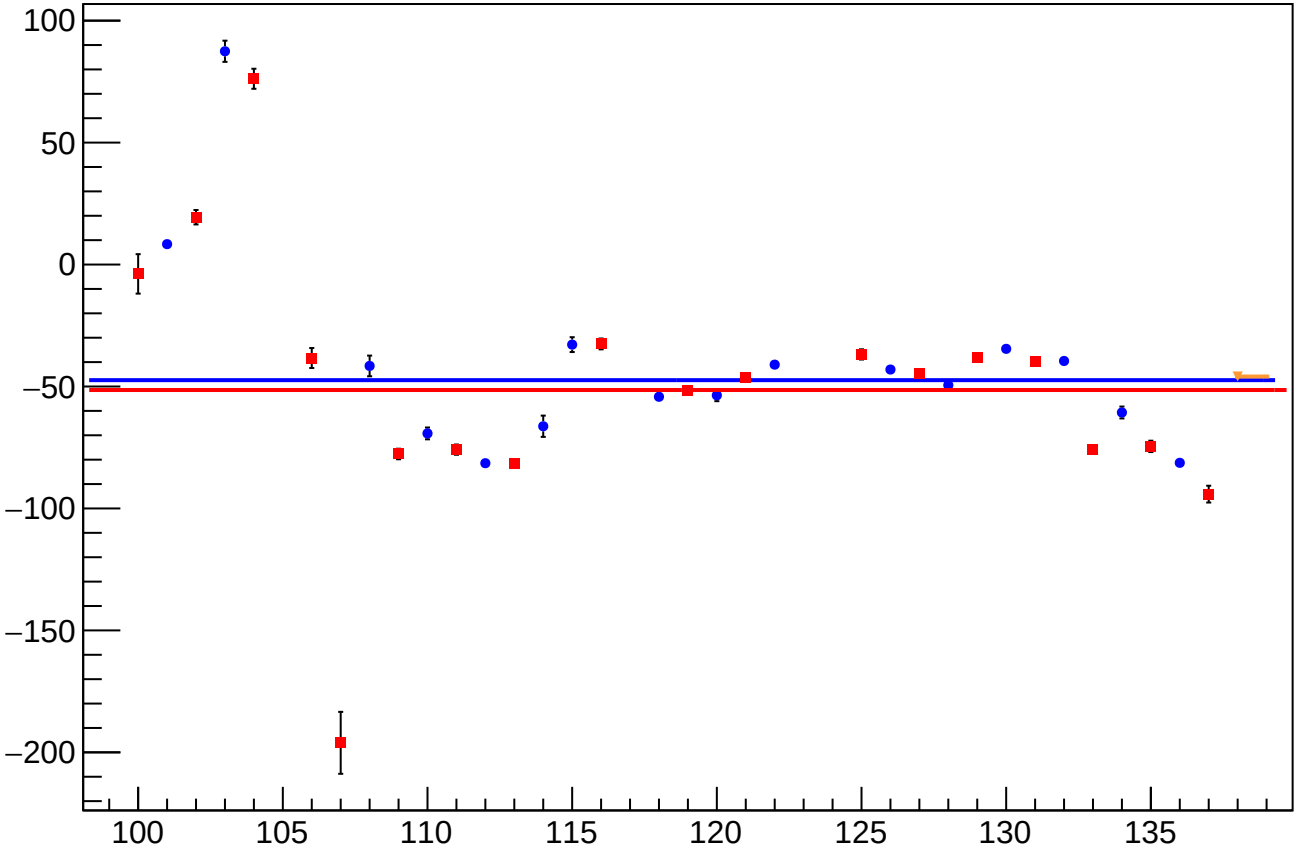
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.954+/-0.030 χ^2/NDF: 387927.8/16

All: 0.930+/-0.024 χ^2/NDF: 707277.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -47.398+/-0.535 χ^2/NDF: 2769.0/15

Left Out: -45.912+/-1.776 χ^2/NDF:0.0/0

Right Out: -51.442+/-0.545 χ^2/NDF: 2872.7/17

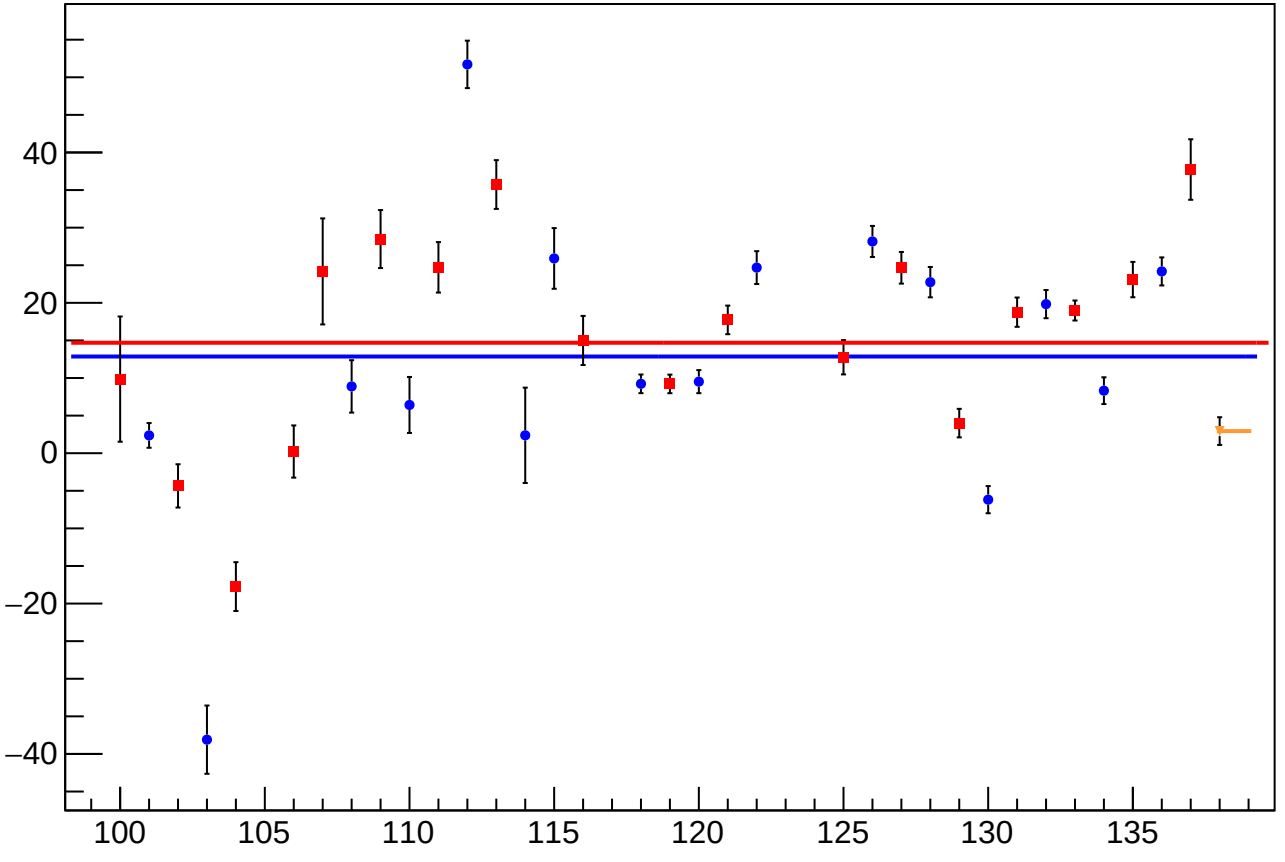
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -47.275+/-0.512 χ^2/NDF: 2769.7/16

All: -49.229+/-0.373 χ^2/NDF: 5673.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 12.860+/-0.519 χ^2/NDF: 625.5/15

Left Out: 2.942+/-1.843 χ^2/NDF:0.0/0

Right Out: 14.691+/-0.544 χ^2/NDF: 364.1/17

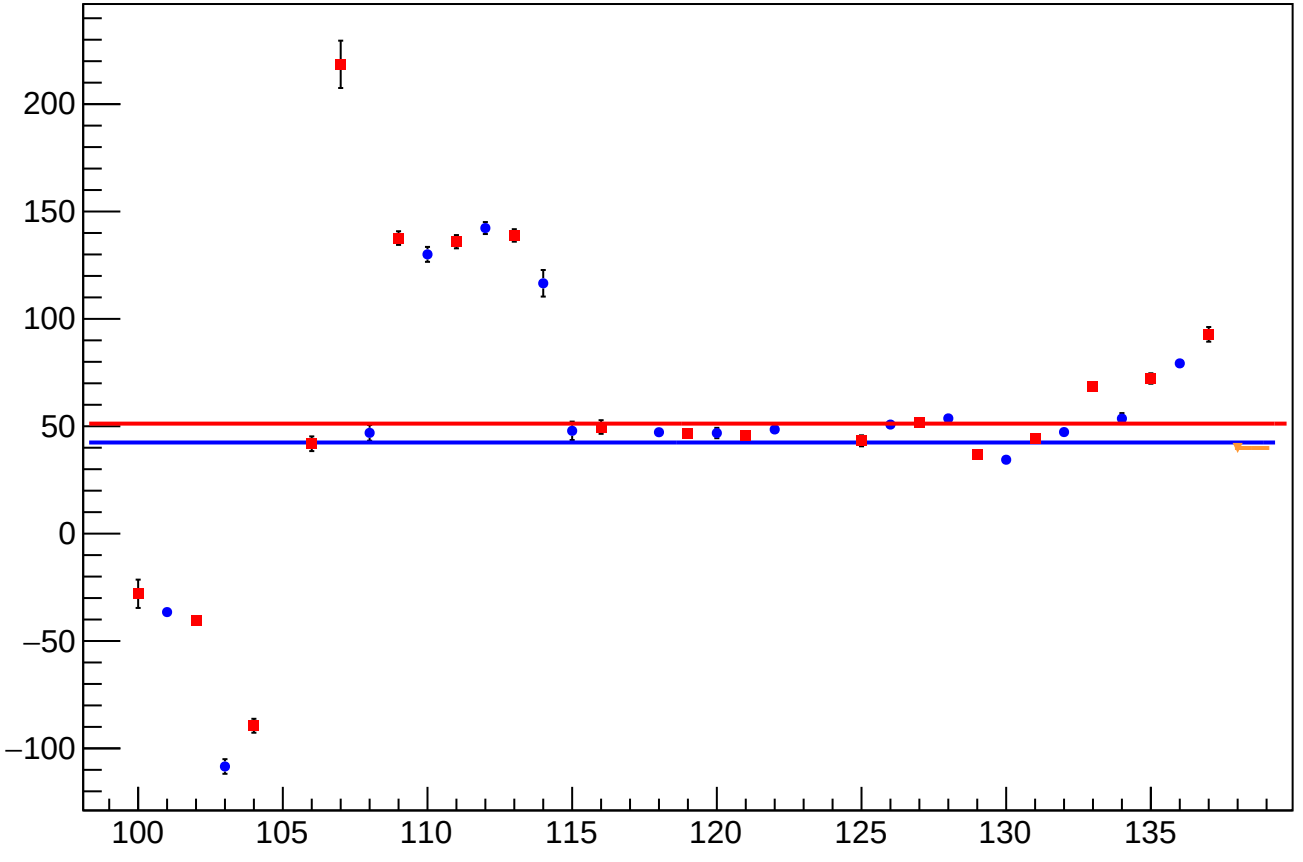
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 12.132+/-0.499 χ^2/NDF: 652.3/16

All: 13.301+/-0.368 χ^2/NDF: 1028.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 42.437+/-0.584 χ^2/NDF: 7168.9/15

Left Out: 39.883+/-1.854 χ^2/NDF:0.0/0

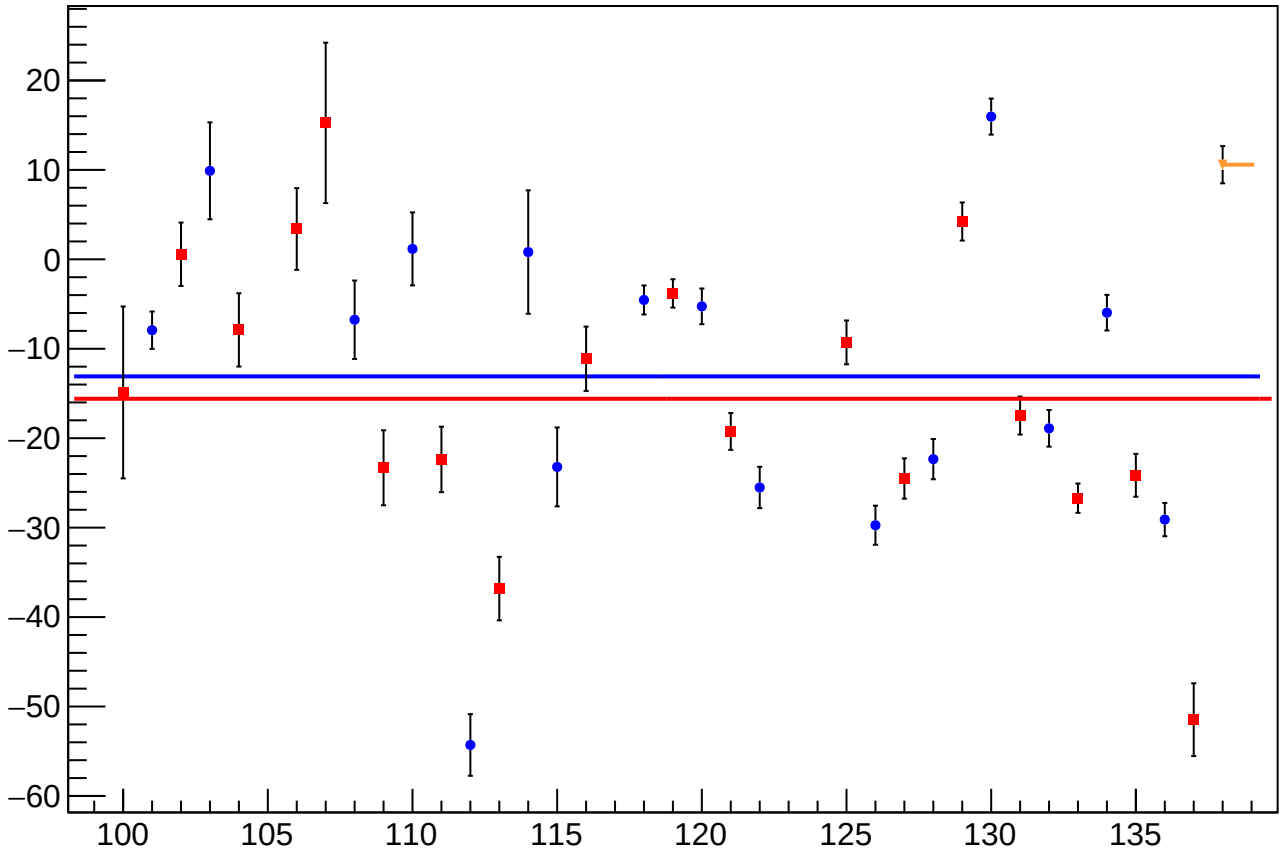
Right Out: 51.226+/-0.615 χ^2/NDF: 6611.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 42.206+/-0.557 χ^2/NDF: 7170.6/16

All: 46.275+/-0.413 χ^2/NDF: 13900.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -13.090+/-0.600 χ^2/NDF: 639.9/15

Left Out: 10.581+/-2.082 χ^2/NDF:0.0/0

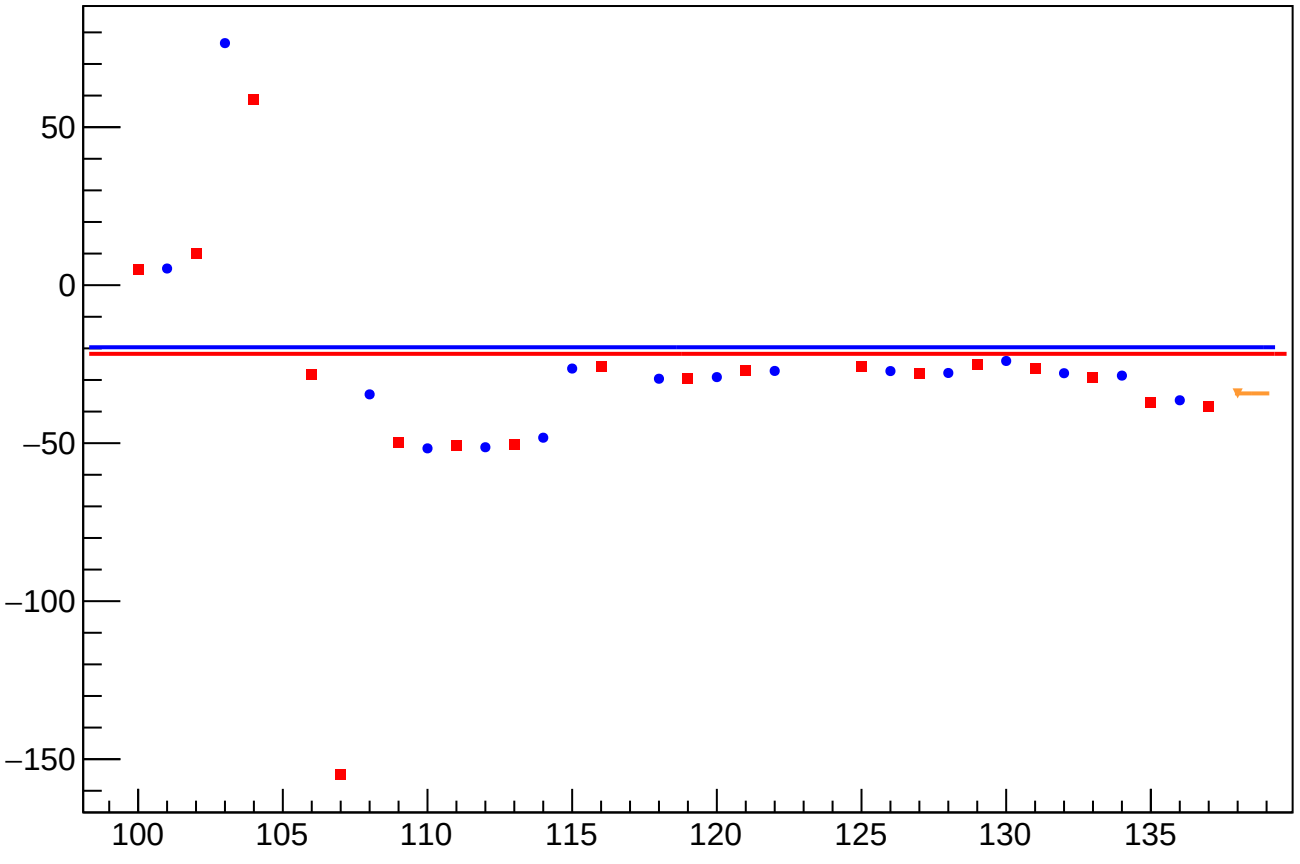
Right Out: -15.589+/-0.627 χ^2/NDF: 401.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -11.277+/-0.576 χ^2/NDF: 759.2/16

All: -13.252+/-0.424 χ^2/NDF: 1186.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -19.644+/-0.036 χ^2/NDF: 646925.7/15

Left Out: -34.254+/-0.073 χ^2/NDF:0.0/0

Right Out: -21.730+/-0.039 χ^2/NDF: 546659.9/17

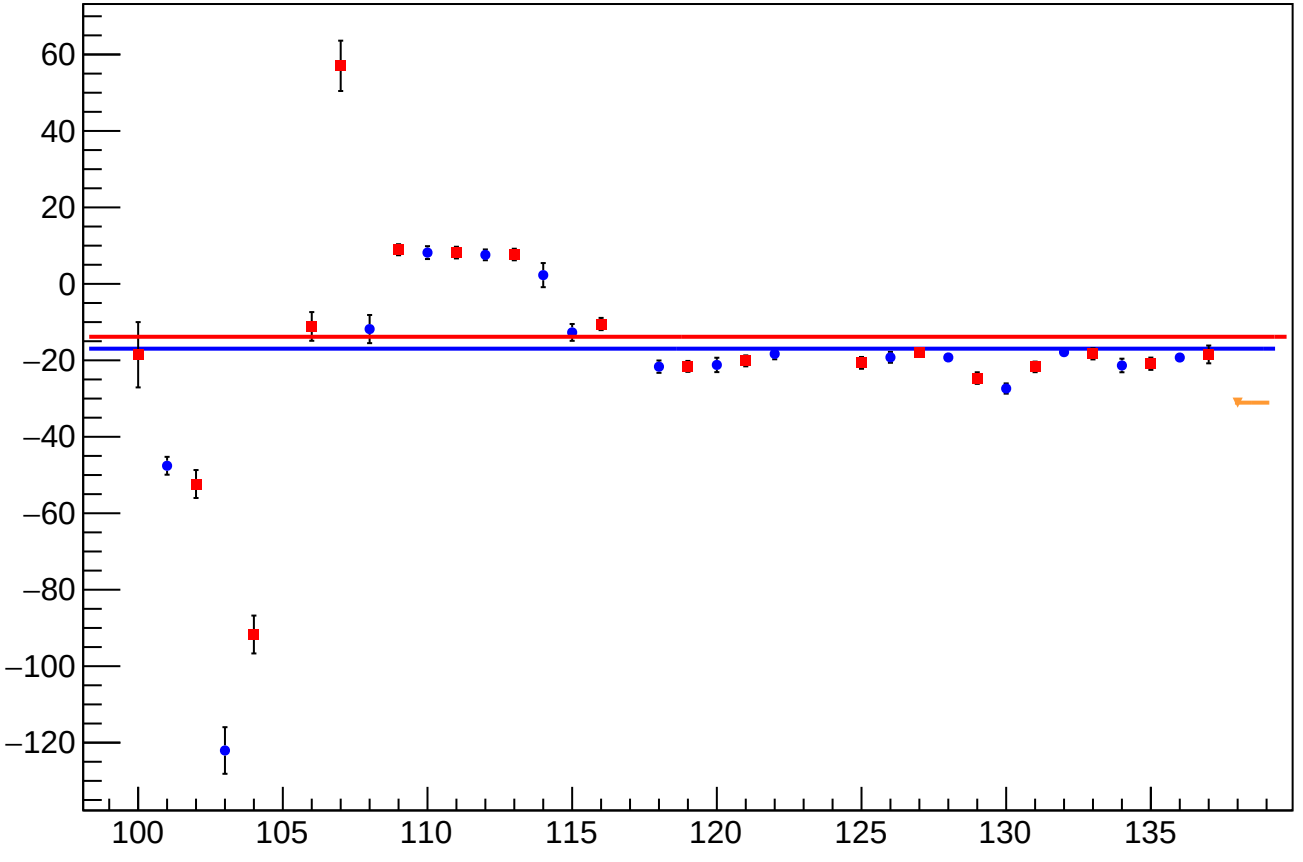
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -22.498+/-0.032 χ^2/NDF: 678897.5/16

All: -22.183+/-0.025 χ^2/NDF: 1225787.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -16.949+/-0.404 χ^2/NDF: 1128.2/15

Left Out: -31.067+/-1.201 χ^2/NDF:0.0/0

Right Out: -13.837+/-0.409 χ^2/NDF: 1333.2/17

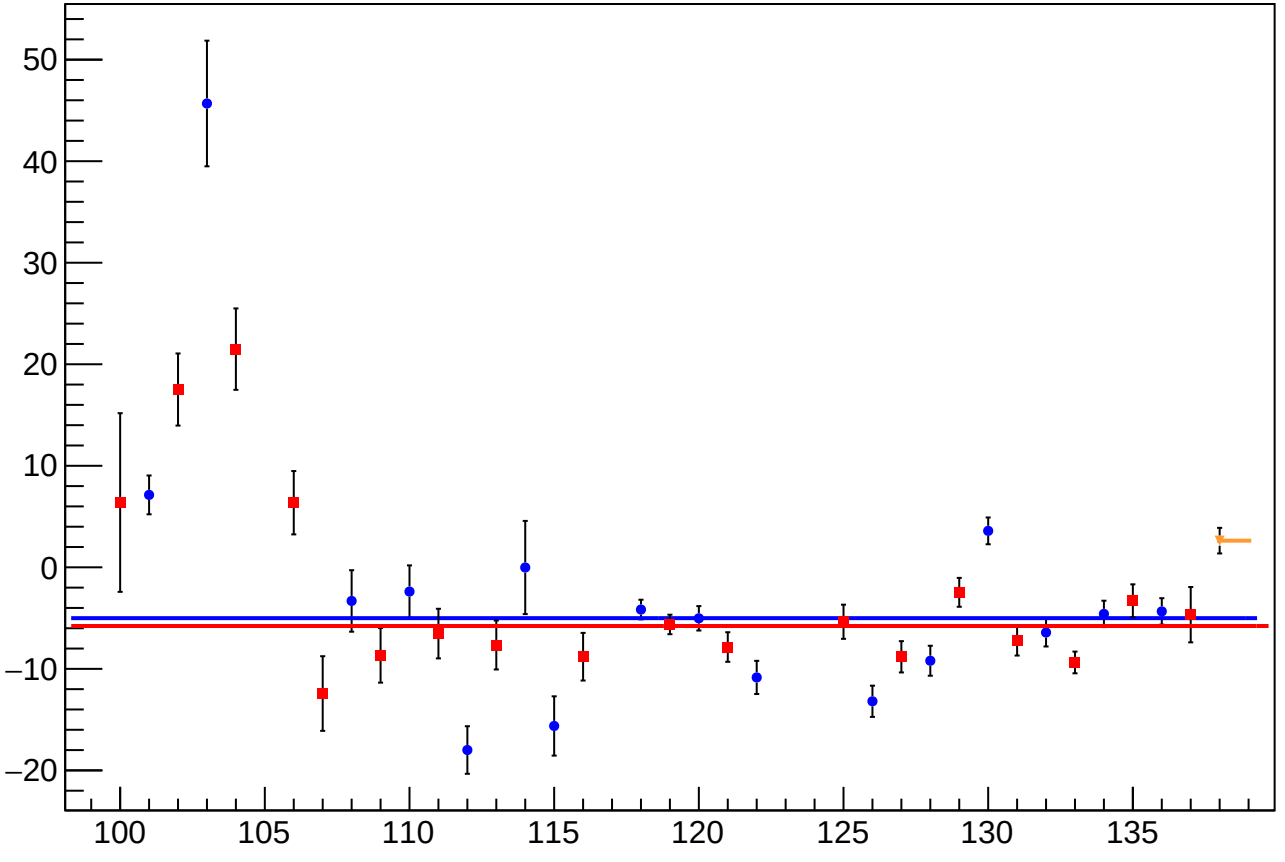
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -18.384+/-0.383 χ^2/NDF: 1252.4/16

All: -16.262+/-0.280 χ^2/NDF: 2651.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -5.006+/-0.401 χ^2/NDF: 247.8/15

Left Out: 2.627+/-1.260 χ^2/NDF:0.0/0

Right Out: -5.779+/-0.419 χ^2/NDF: 139.3/17

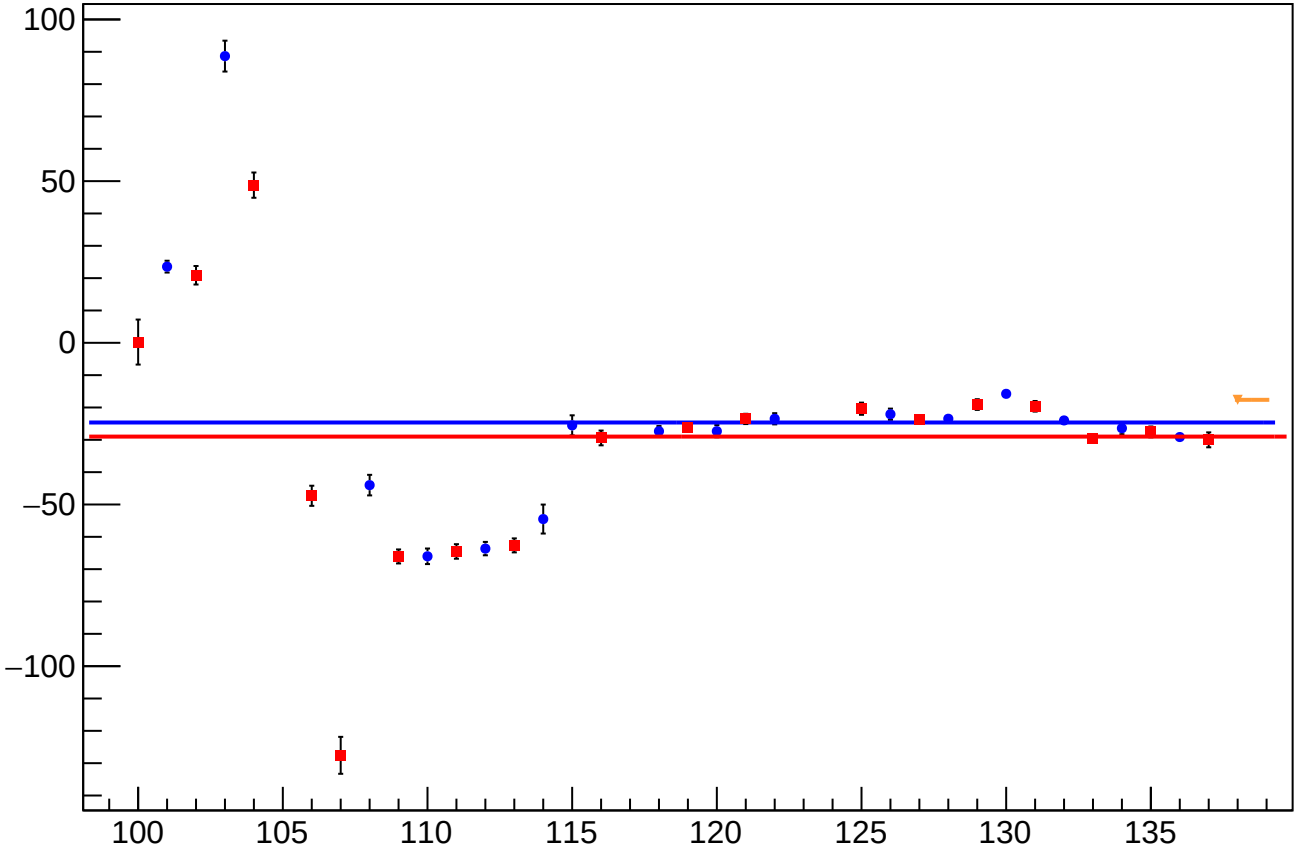
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -4.303+/-0.382 χ^2/NDF: 281.0/16

All: -4.973+/-0.283 χ^2/NDF: 427.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -24.641+/-0.455 χ^2/NDF: 2051.8/15

Left Out: -17.630+/-1.254 χ^2/NDF:0.0/0

Right Out: -29.002+/-0.475 χ^2/NDF: 1952.3/17

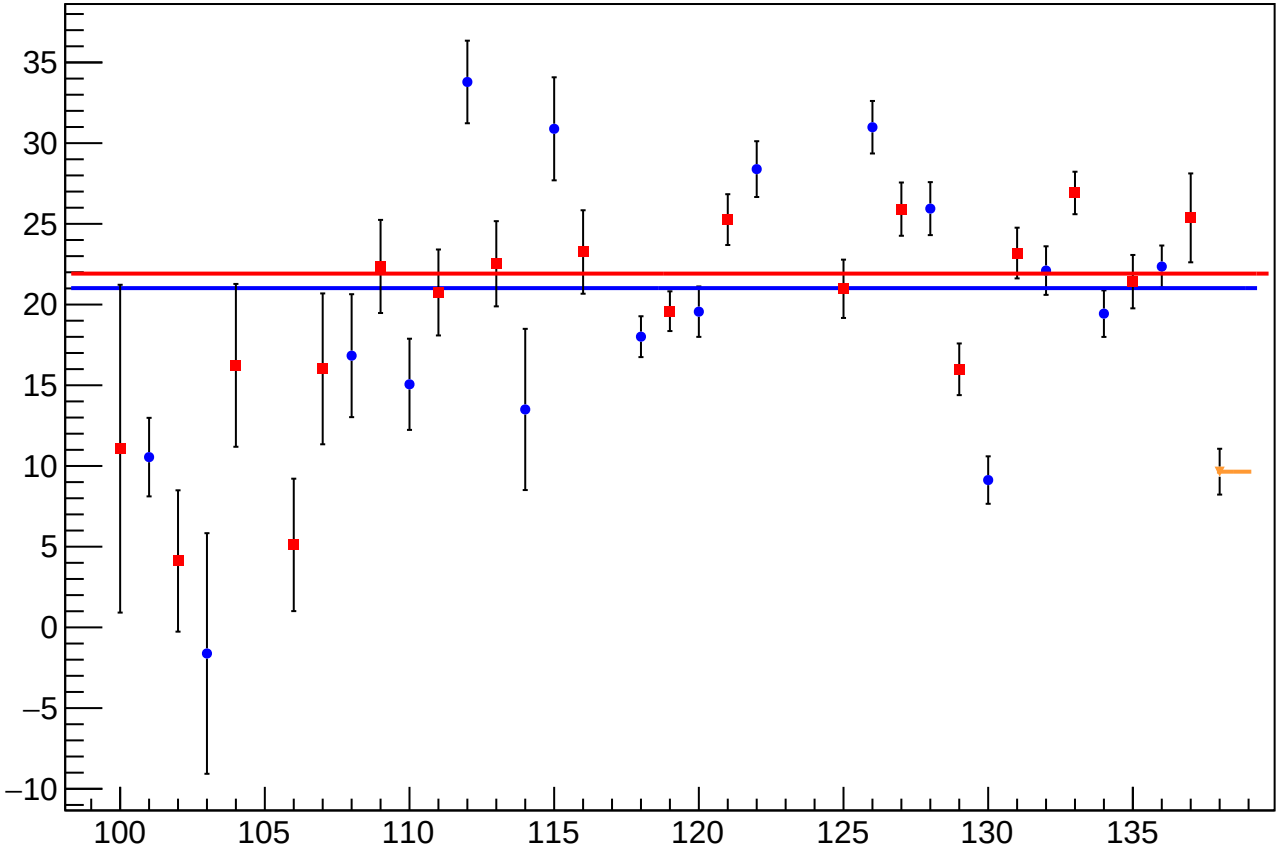
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -23.825+/-0.428 χ^2/NDF: 2079.5/16

All: -26.142+/-0.318 χ^2/NDF: 4097.3/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 21.019+/-0.458 χ^2/NDF: 209.6/15

Left Out: 9.647+/-1.420 χ^2/NDF:0.0/0

Right Out: 21.918+/-0.478 χ^2/NDF: 82.5/17

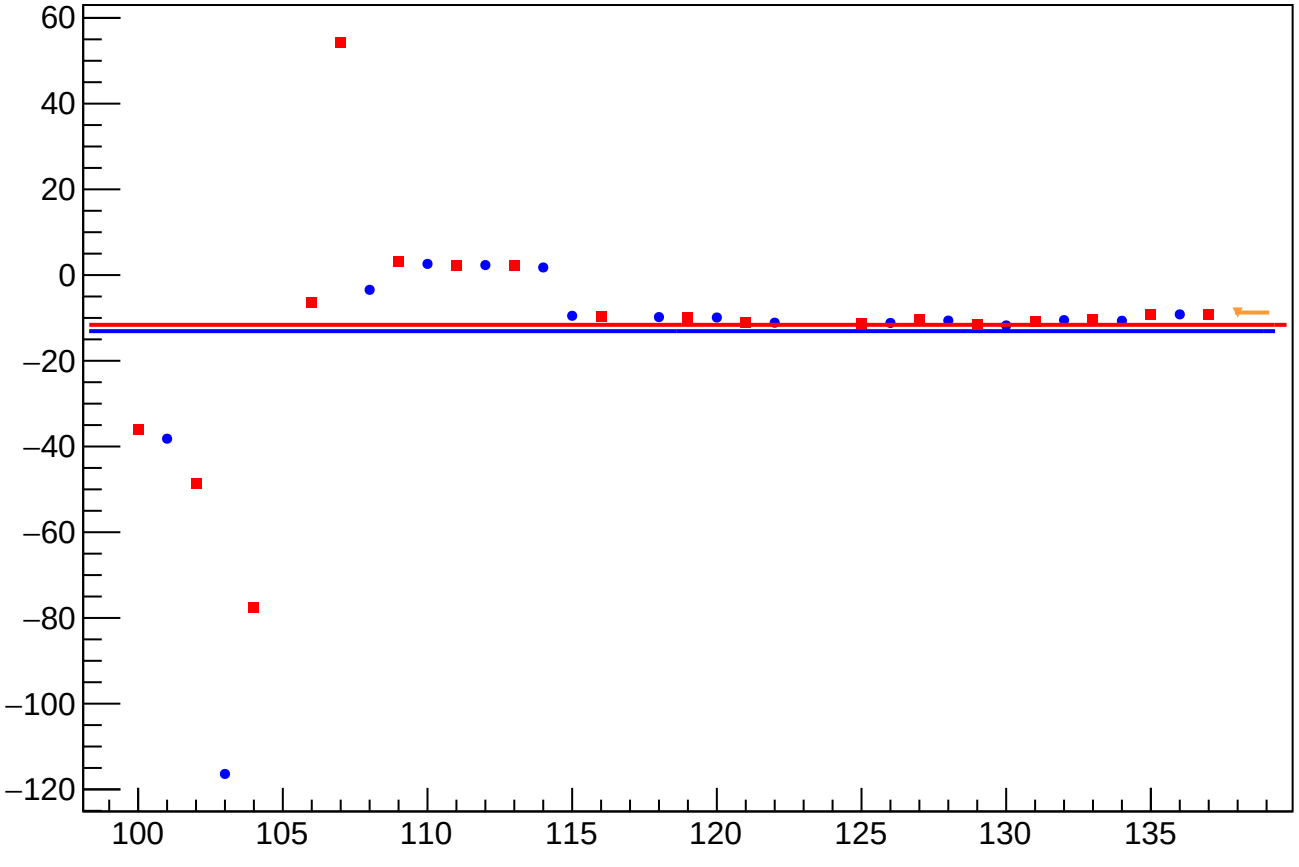
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.946+/-0.436 χ^2/NDF: 267.7/16

All: 20.841+/-0.322 χ^2/NDF: 359.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -13.086+/-0.028 χ^2/NDF: 344941.2/15

Left Out: -8.739+/-0.049 χ^2/NDF:0.0/0

Right Out: -11.610+/-0.031 χ^2/NDF: 314183.9/17

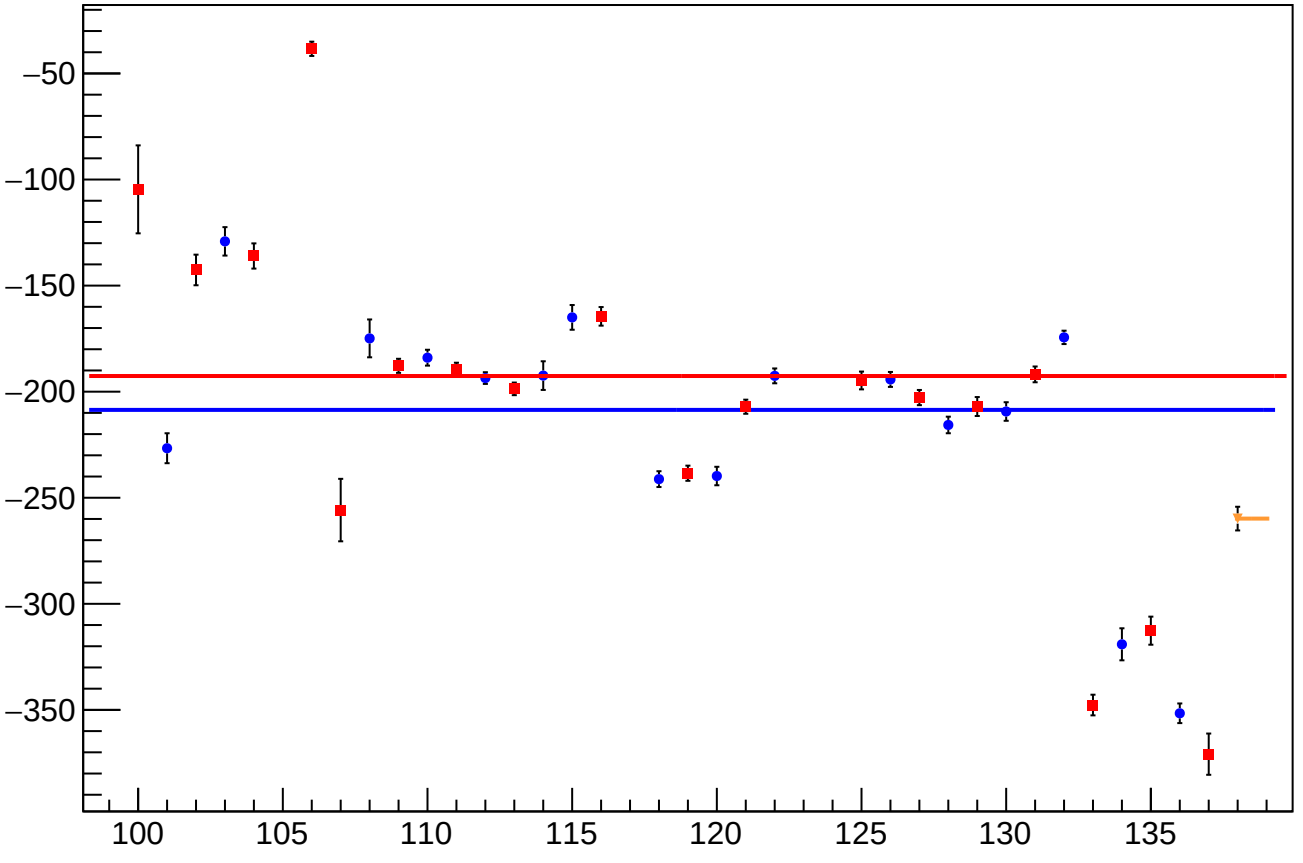
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -12.006+/-0.025 χ^2/NDF: 350758.3/16

All: -11.852+/-0.019 χ^2/NDF: 665042.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -208.586+/-1.067 χ^2/NDF: 1751.1/15

Left Out: -259.829+/-5.581 χ^2/NDF:0.0/0

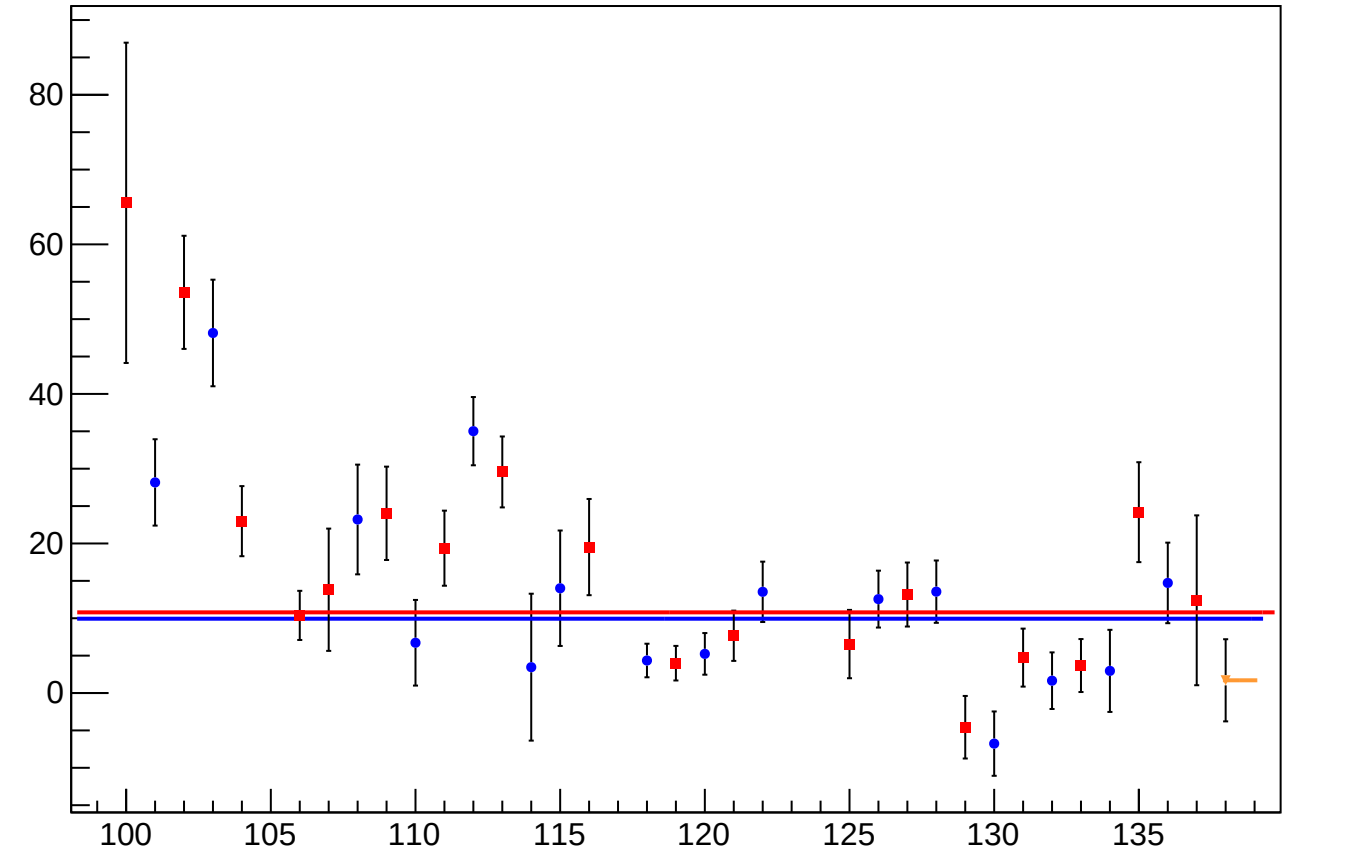
Right Out: -192.617+/-0.999 χ^2/NDF: 4207.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -210.391+/-1.048 χ^2/NDF: 1832.5/16

All: -201.081+/-0.723 χ^2/NDF: 6190.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 9.938+/-1.065 χ^2/NDF: 106.6/15

Left Out: 1.701+/-5.493 χ^2/NDF:0.0/0

Right Out: 10.788+/-1.044 χ^2/NDF: 105.1/17

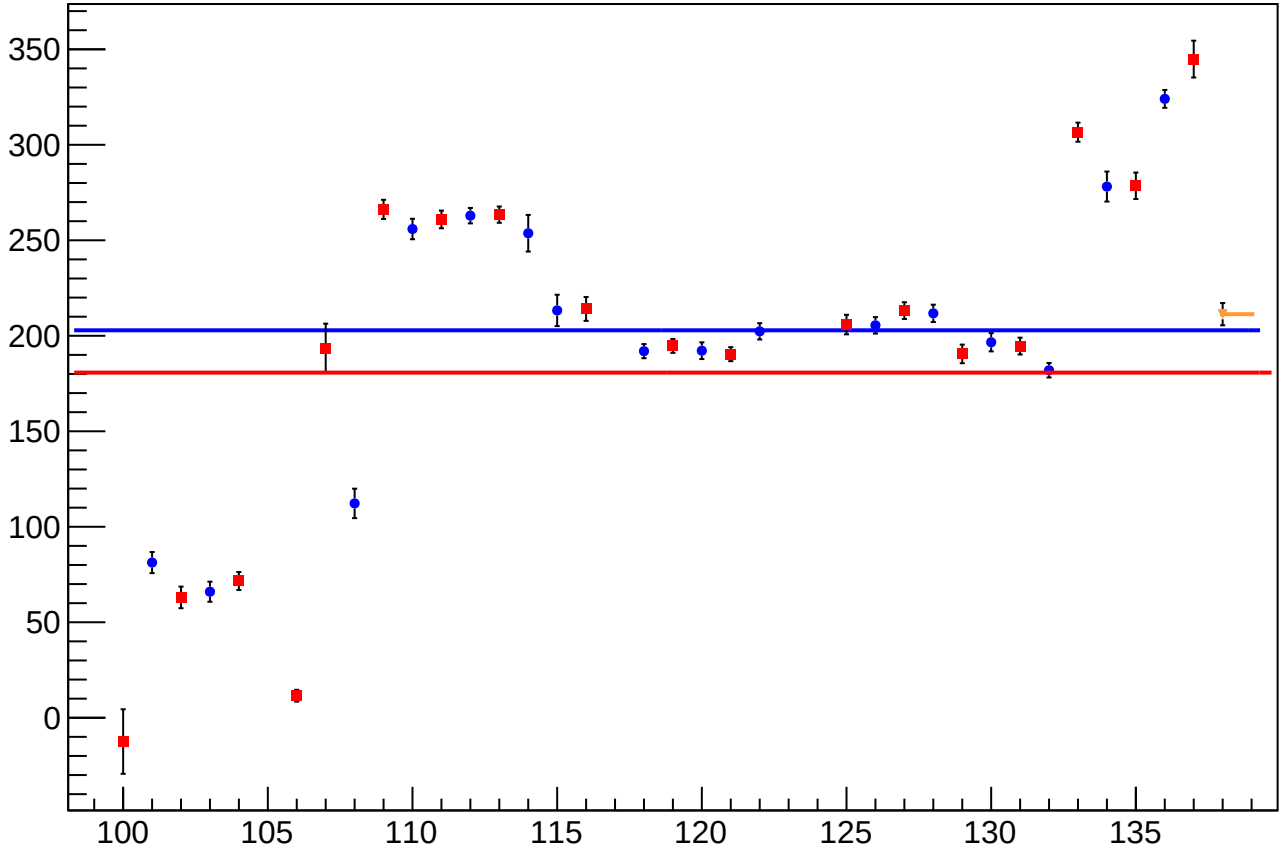
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 9.639+/-1.046 χ^2/NDF: 108.7/16

All: 10.215+/-0.739 χ^2/NDF: 214.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 202.874+/-1.226 χ^2/NDF: 2464.2/15

Left Out: 211.313+/-5.823 χ^2/NDF:0.0/0

Right Out: 180.731+/-1.144 χ^2/NDF: 6347.9/17

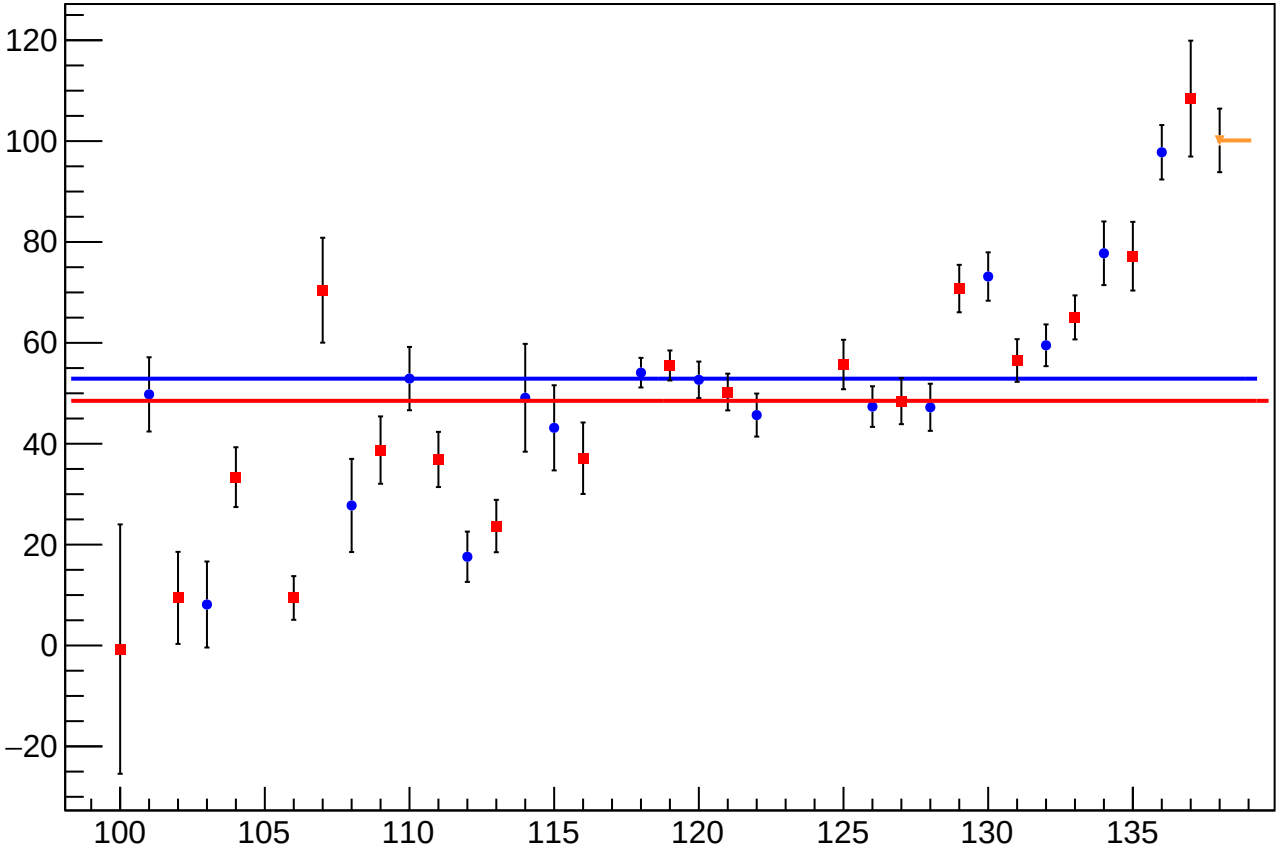
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 203.232+/-1.199 χ^2/NDF: 2466.2/16

All: 191.447+/-0.828 χ^2/NDF: 8998.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 52.899+/-1.242 χ^2/NDF: 198.3/15

Left Out: 100.136+/-6.302 χ^2/NDF:0.0/0

Right Out: 48.510+/-1.214 χ^2/NDF: 240.0/17

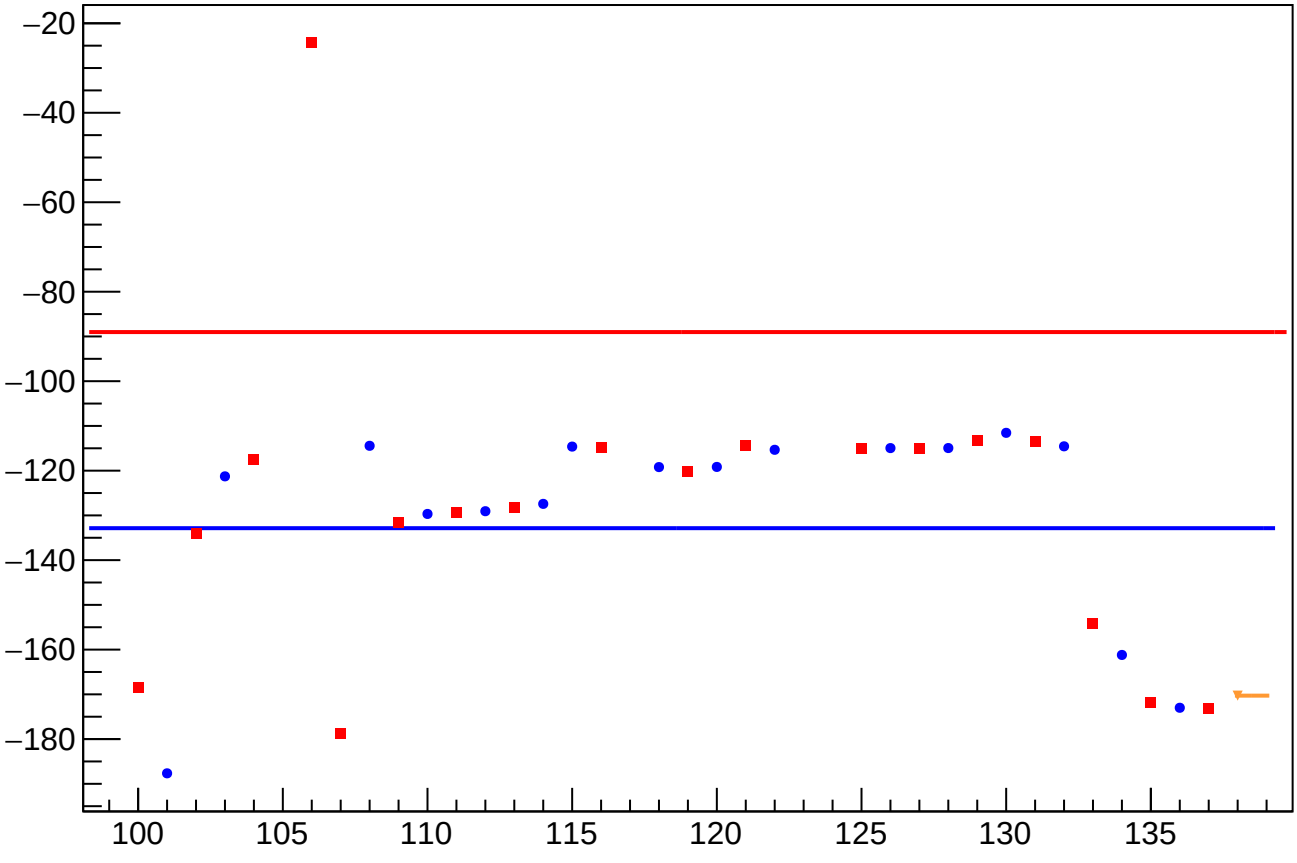
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.664+/-1.218 χ^2/NDF: 252.4/16

All: 51.577+/-0.860 χ^2/NDF: 505.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -132.856+/-0.081 χ^2/NDF: 93497.9/15

Left Out: -170.290+/-0.234 χ^2/NDF:0.0/0

Right Out: -89.020+/-0.064 χ^2/NDF: 728110.1/17

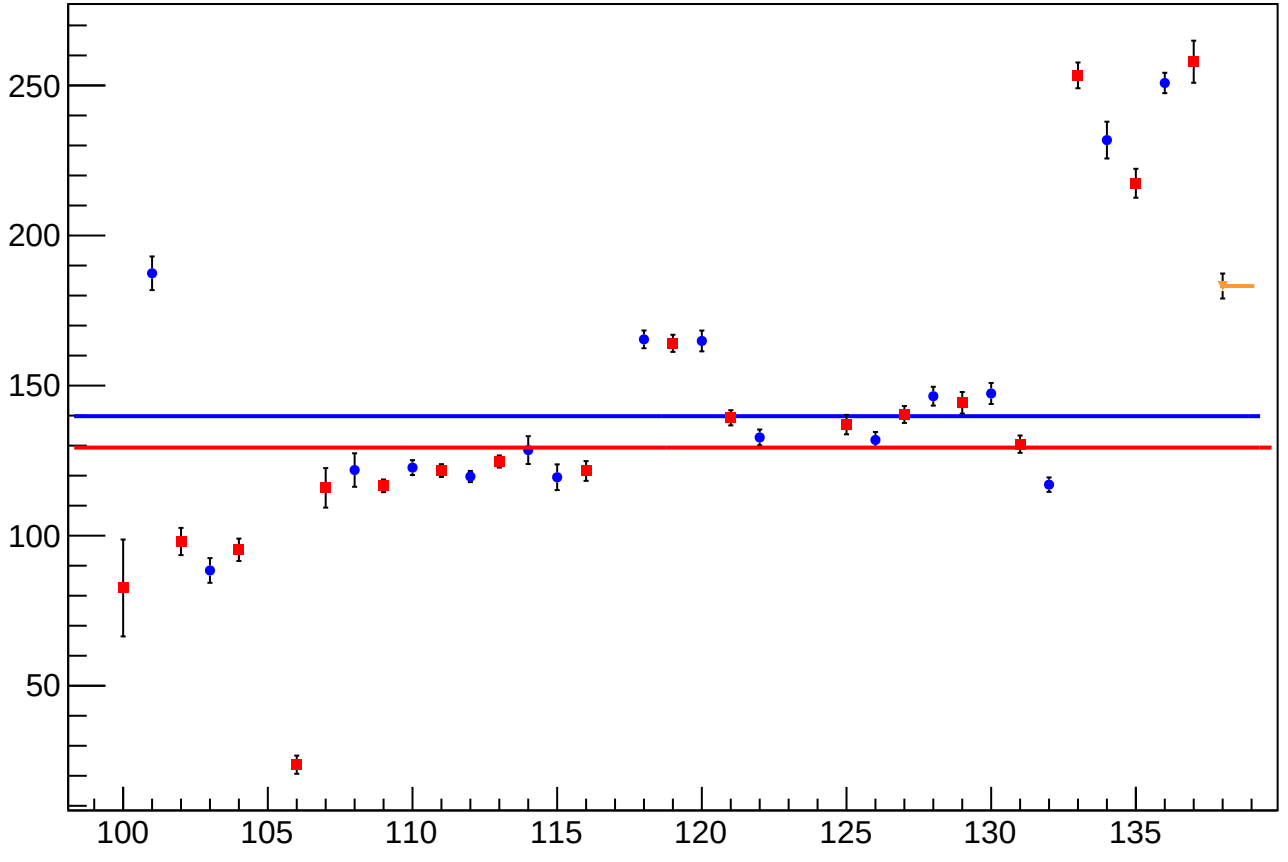
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -136.890+/-0.077 χ^2/NDF: 116314.6/16

All: -108.686+/-0.049 χ^2/NDF: 1073057.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 139.810+/-0.785 χ^2/NDF: 1964.9/15

Left Out: 183.174+/-4.162 χ^2/NDF:0.0/0

Right Out: 129.344+/-0.734 χ^2/NDF: 3123.5/17

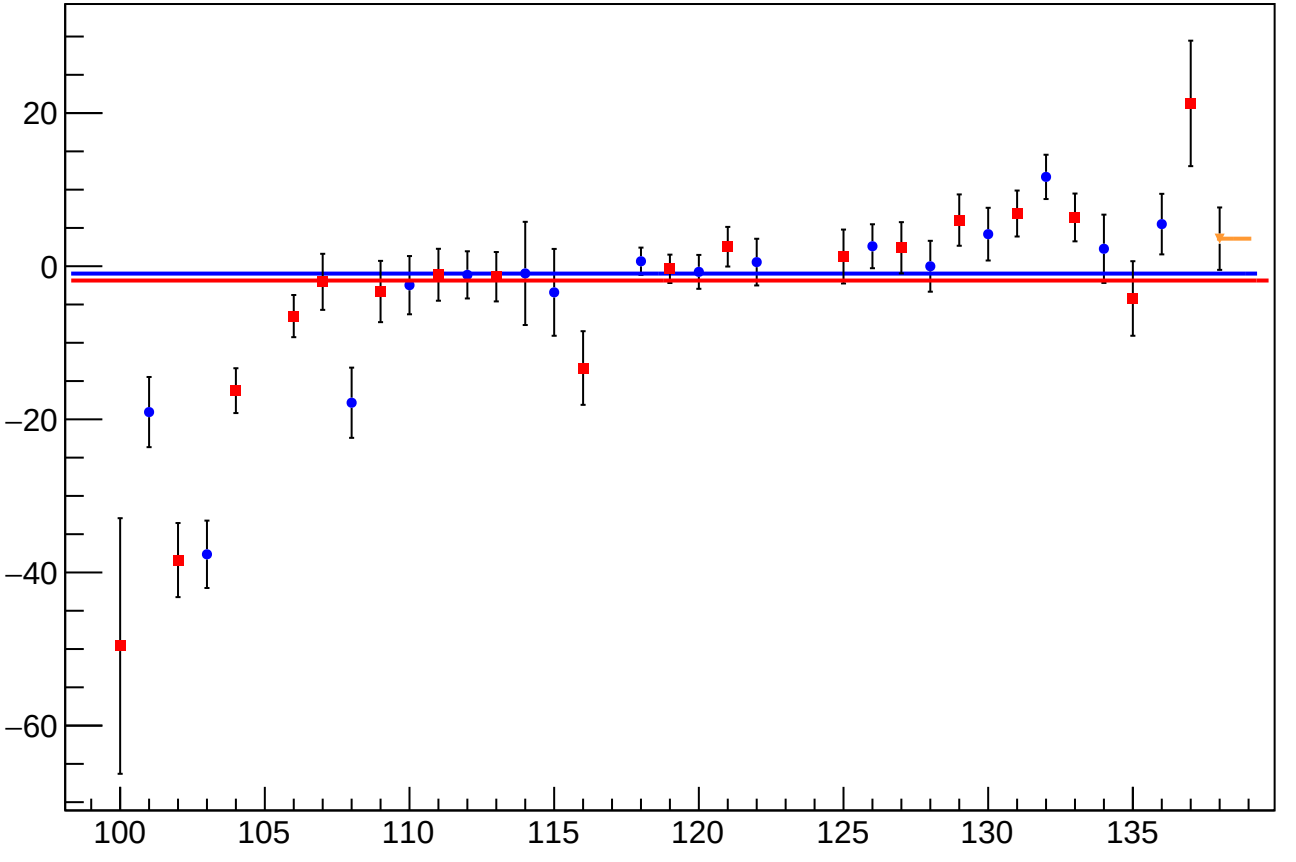
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 141.298+/-0.771 χ^2/NDF: 2069.8/16

All: 135.030+/-0.532 χ^2/NDF: 5319.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -0.963+/-0.808 χ^2/NDF: 126.1/15

Left Out: 3.599+/-4.076 χ^2/NDF:0.0/0

Right Out: -1.869+/-0.784 χ^2/NDF: 133.2/17

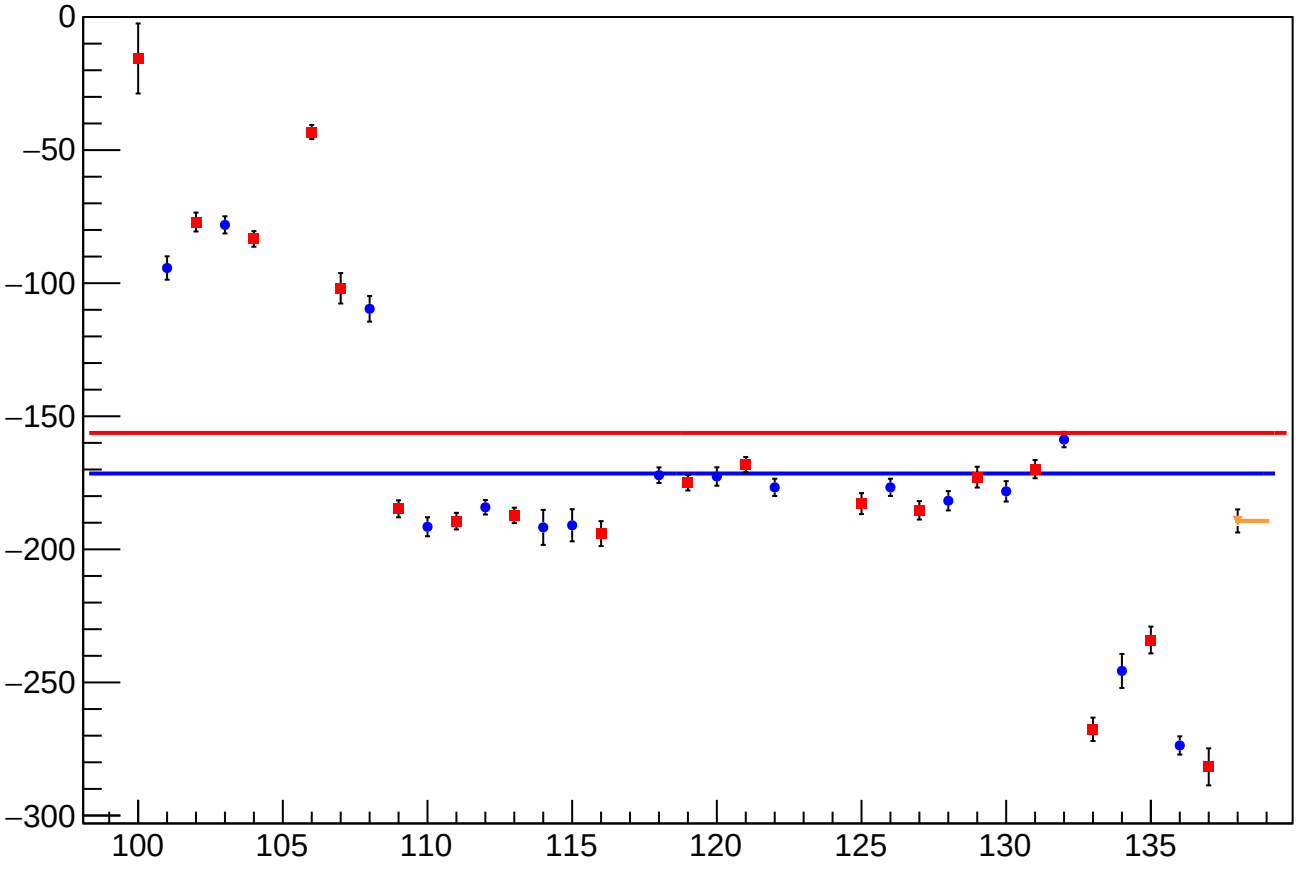
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.790+/-0.793 χ^2/NDF: 127.3/16

All: -1.336+/-0.557 χ^2/NDF: 261.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -171.506+/-0.907 χ^2/NDF: 2442.8/15

Left Out: -189.316+/-4.342 χ^2/NDF:0.0/0

Right Out: -156.260+/-0.847 χ^2/NDF: 4904.3/17

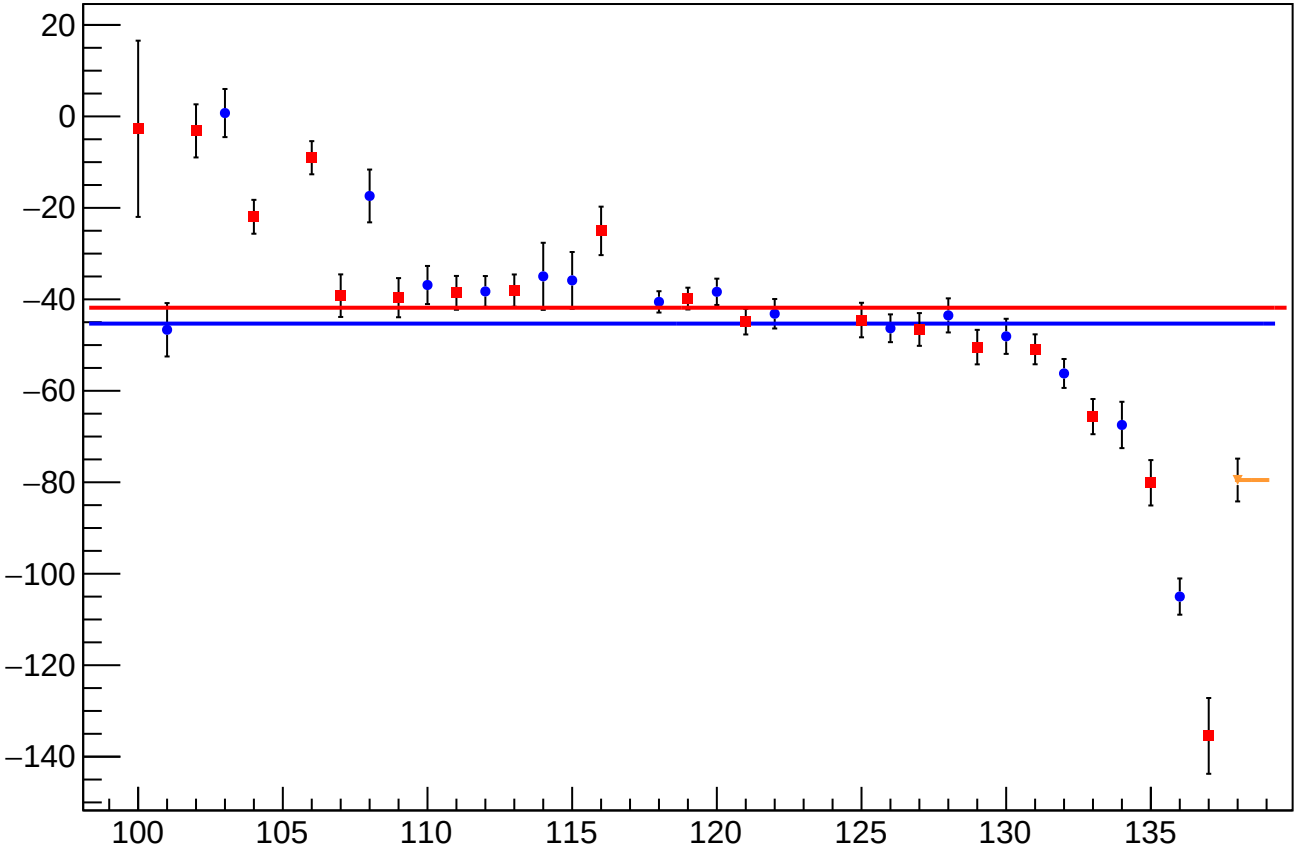
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -172.251+/-0.888 χ^2/NDF: 2458.9/16

All: -163.884+/-0.613 χ^2/NDF: 7533.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -45.304+/-0.938 χ^2/NDF: 382.0/15

Left Out: -79.507+/-4.681 χ^2/NDF:0.0/0

Right Out: -41.832+/-0.909 χ^2/NDF: 414.2/17

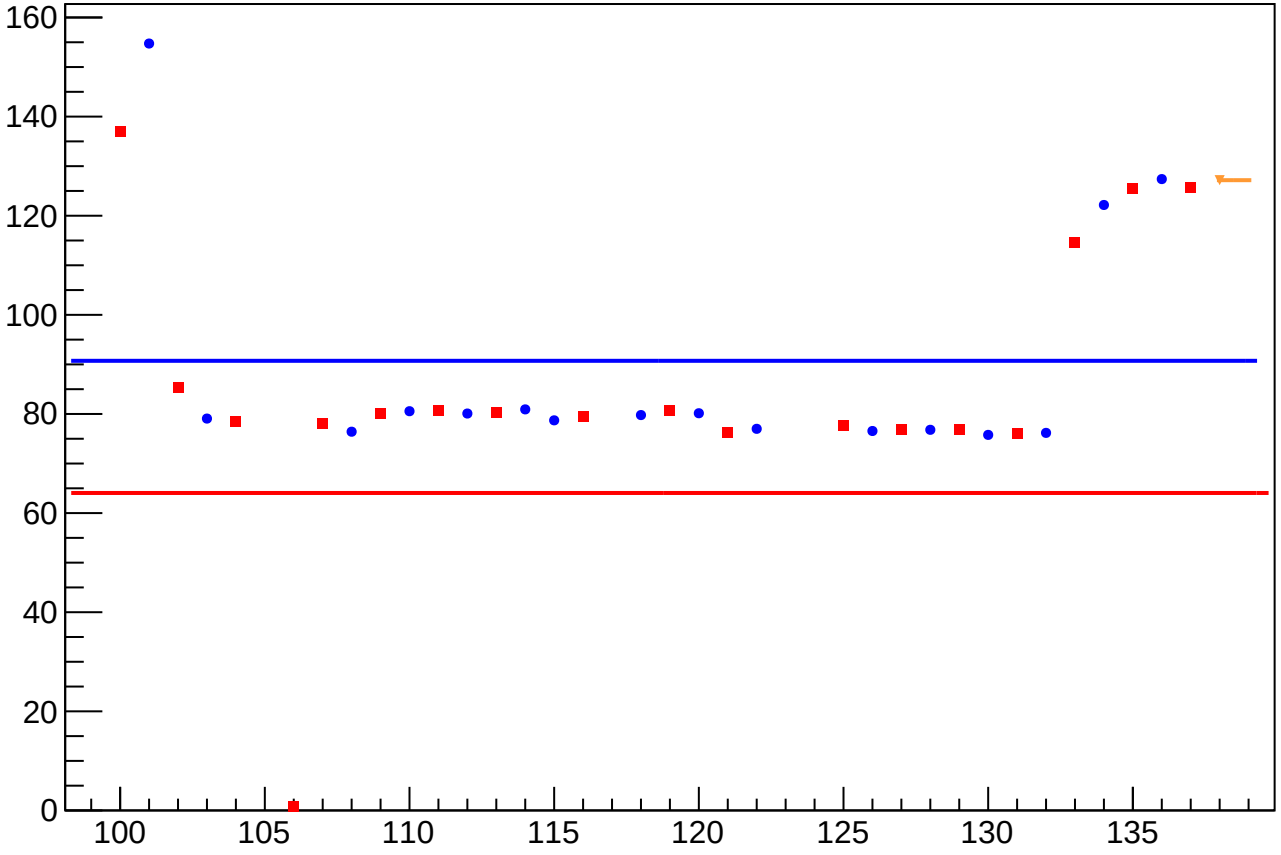
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -46.623+/-0.919 χ^2/NDF: 433.4/16

All: -44.201+/-0.647 χ^2/NDF: 861.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 90.726+/-0.058 χ^2/NDF: 161153.0/15

Left Out: 127.172+/-0.175 χ^2/NDF:0.0/0

Right Out: 64.059+/-0.049 χ^2/NDF: 660935.1/17

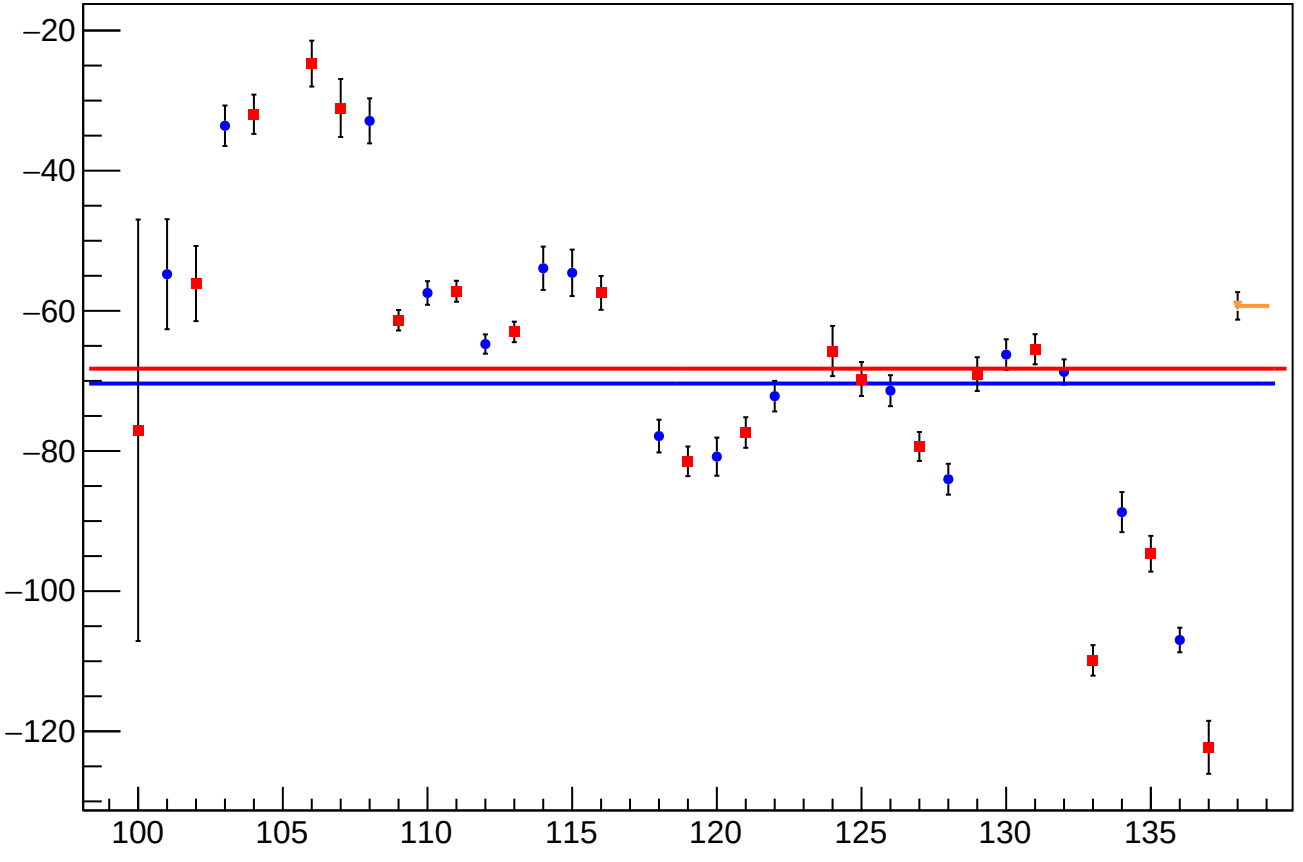
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 94.396+/-0.055 χ^2/NDF: 200259.6/16

All: 77.448+/-0.037 χ^2/NDF: 1028345.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -70.374+/-0.558 χ^2/NDF: 974.9/15

Left Out: -59.292+/-1.967 χ^2/NDF:0.0/0

Right Out: -68.252+/-0.527 χ^2/NDF: 1306.0/18

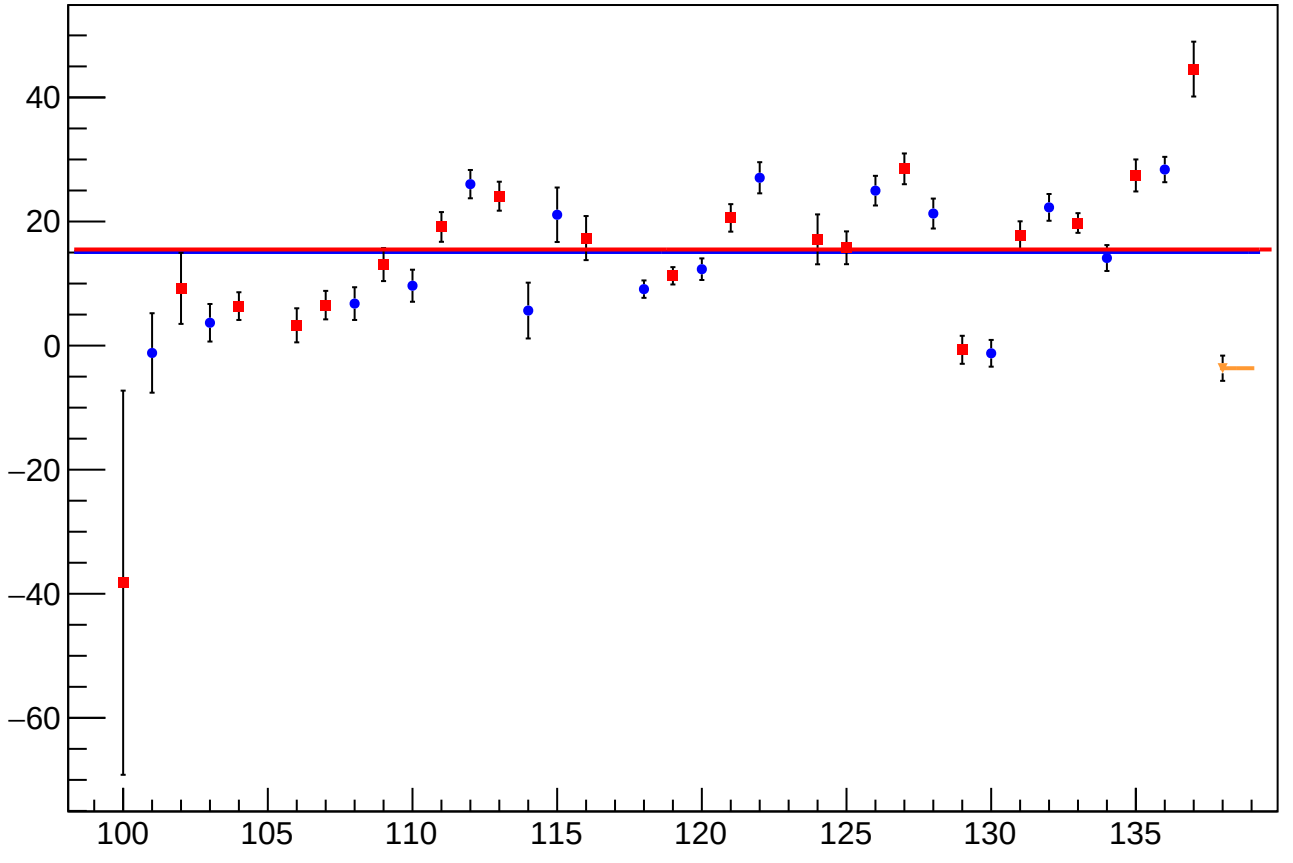
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -69.550+/-0.537 χ^2/NDF: 1004.3/16

All: -68.889+/-0.376 χ^2/NDF: 2313.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 15.092+/-0.581 χ^2/NDF: 242.4/15

Left Out: -3.647+/-2.034 χ^2/NDF:0.0/0

Right Out: 15.491+/-0.558 χ^2/NDF: 239.3/18

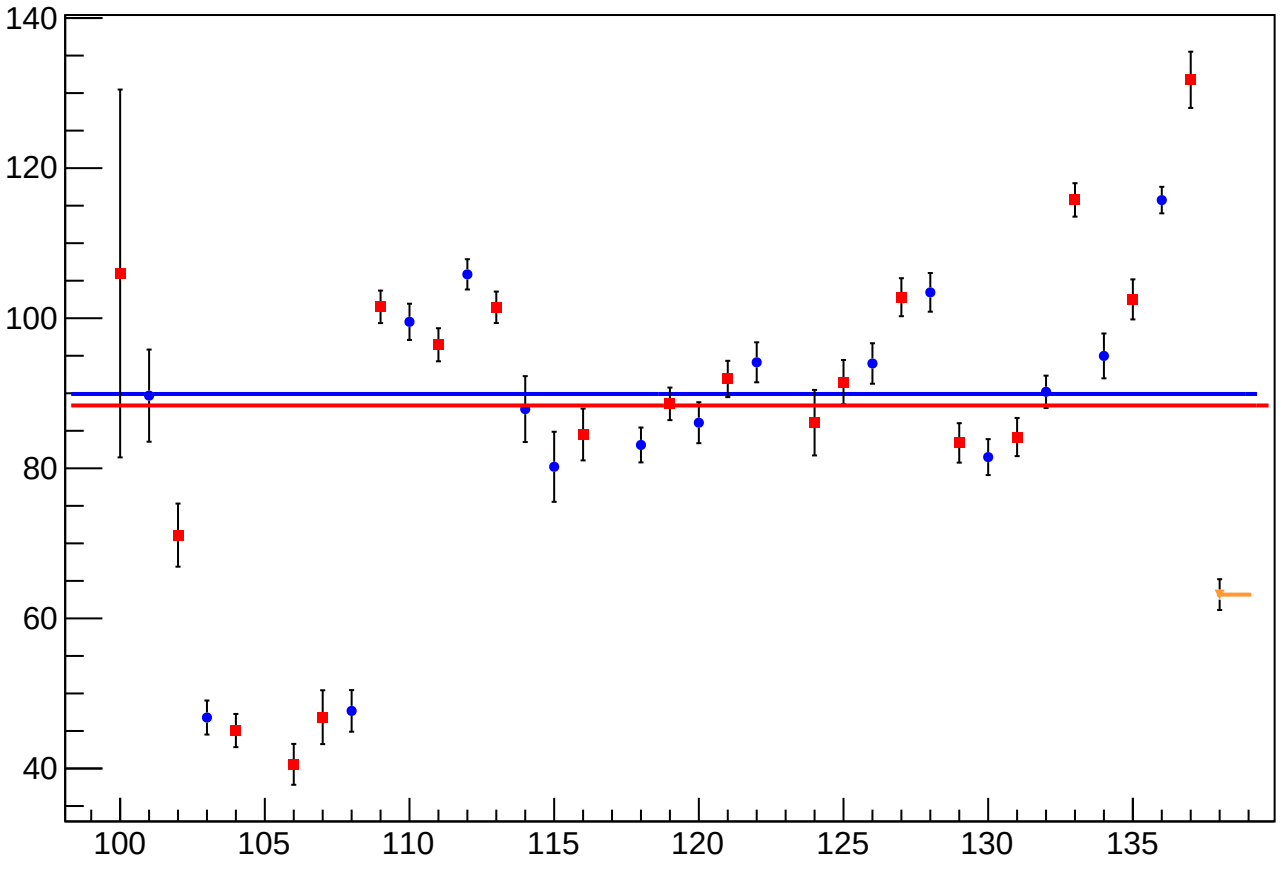
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 13.679+/-0.559 χ^2/NDF: 320.9/16

All: 14.586+/-0.395 χ^2/NDF: 565.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 89.907+/-0.641 χ^2/NDF: 947.7/15

Left Out: 63.173+/-2.053 χ^2/NDF:0.0/0

Right Out: 88.375+/-0.617 χ^2/NDF: 1288.9/18

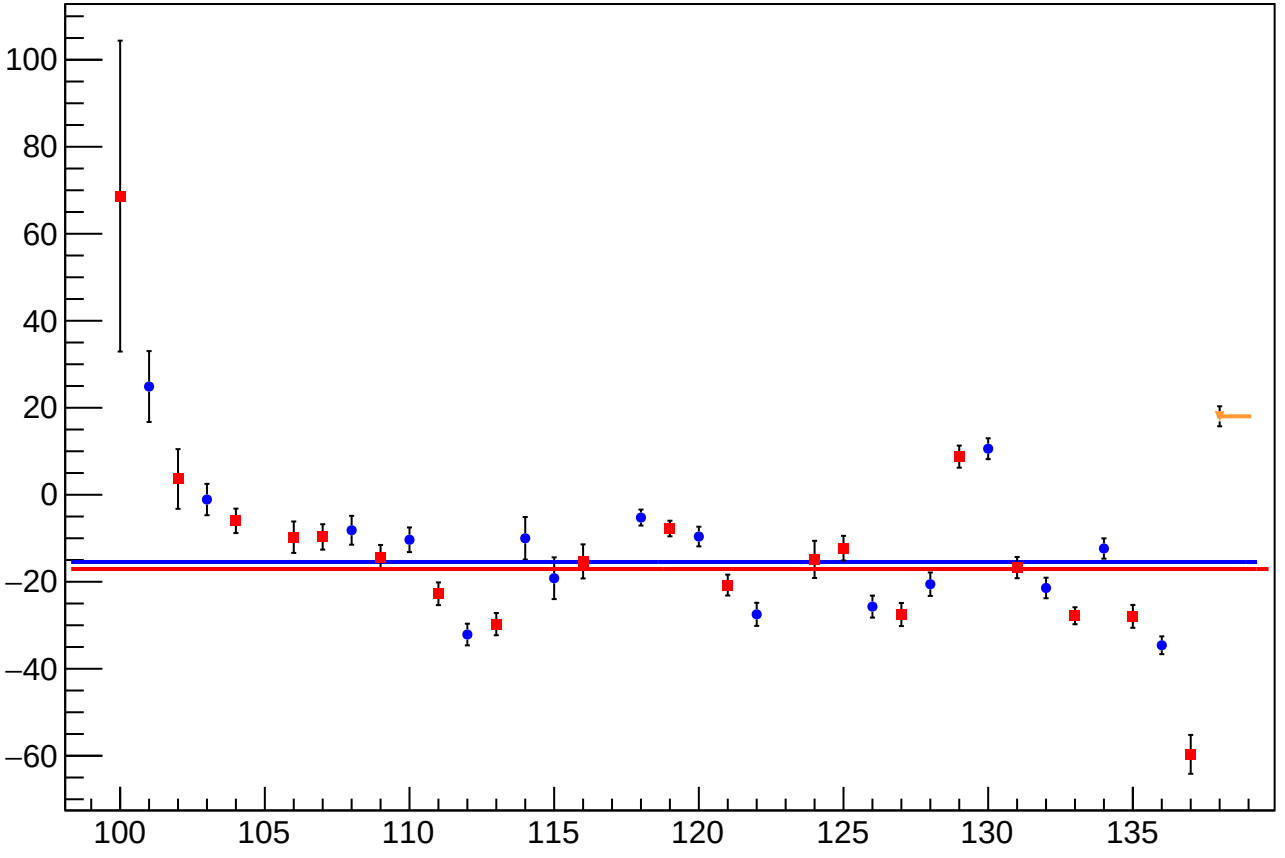
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 87.534+/-0.612 χ^2/NDF: 1102.2/16

All: 87.951+/-0.435 χ^2/NDF: 2392.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -15.454+/-0.665 χ^2/NDF: 386.5/15

Left Out: 18.039+/-2.301 χ^2/NDF:0.0/0

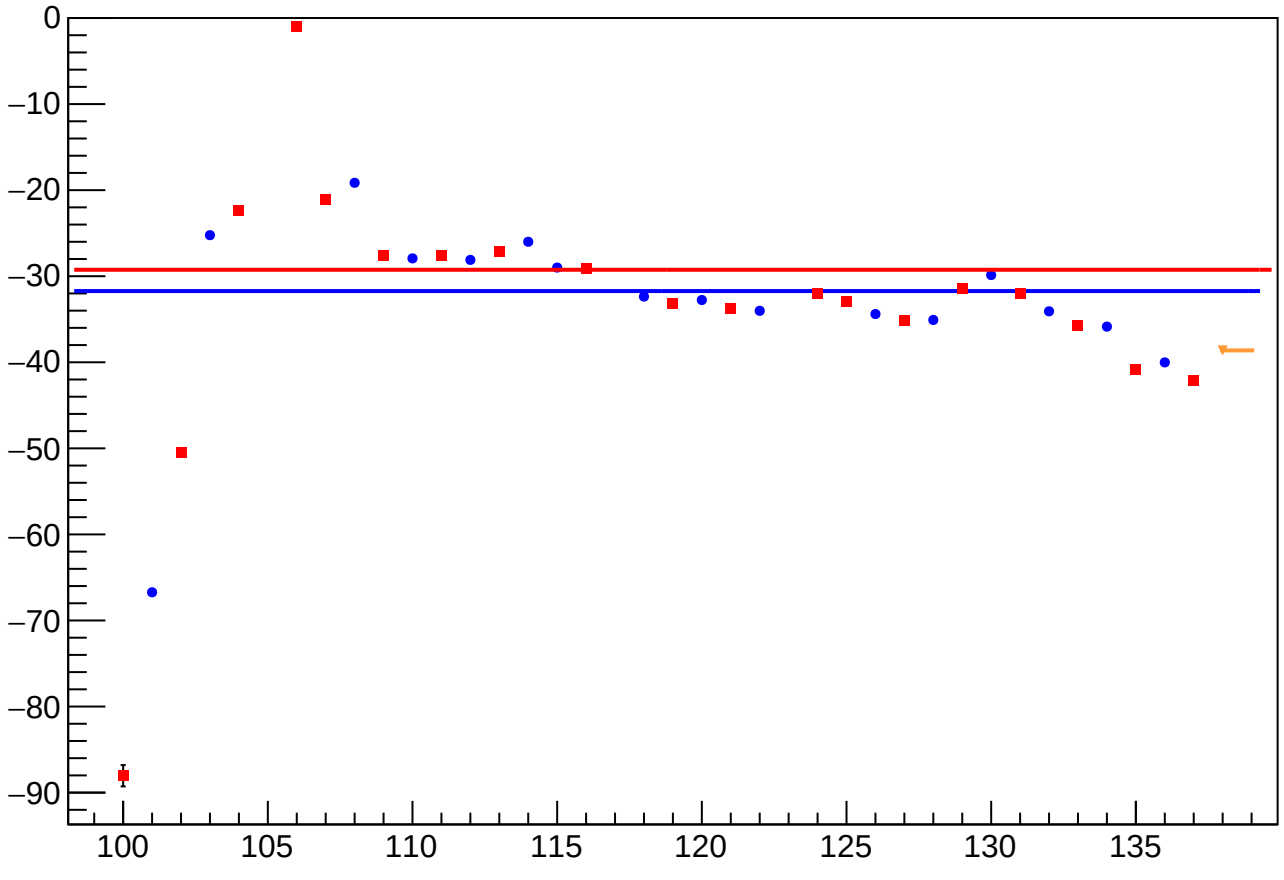
Right Out: -17.066+/-0.644 χ^2/NDF: 361.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -12.868+/-0.639 χ^2/NDF: 582.1/16

All: -14.953+/-0.454 χ^2/NDF: 964.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -31.725+/-0.039 χ^2/NDF: 39636.6/15

Left Out: -38.619+/-0.081 χ^2/NDF:0.0/0

Right Out: -29.250+/-0.038 χ^2/NDF: 95235.9/18

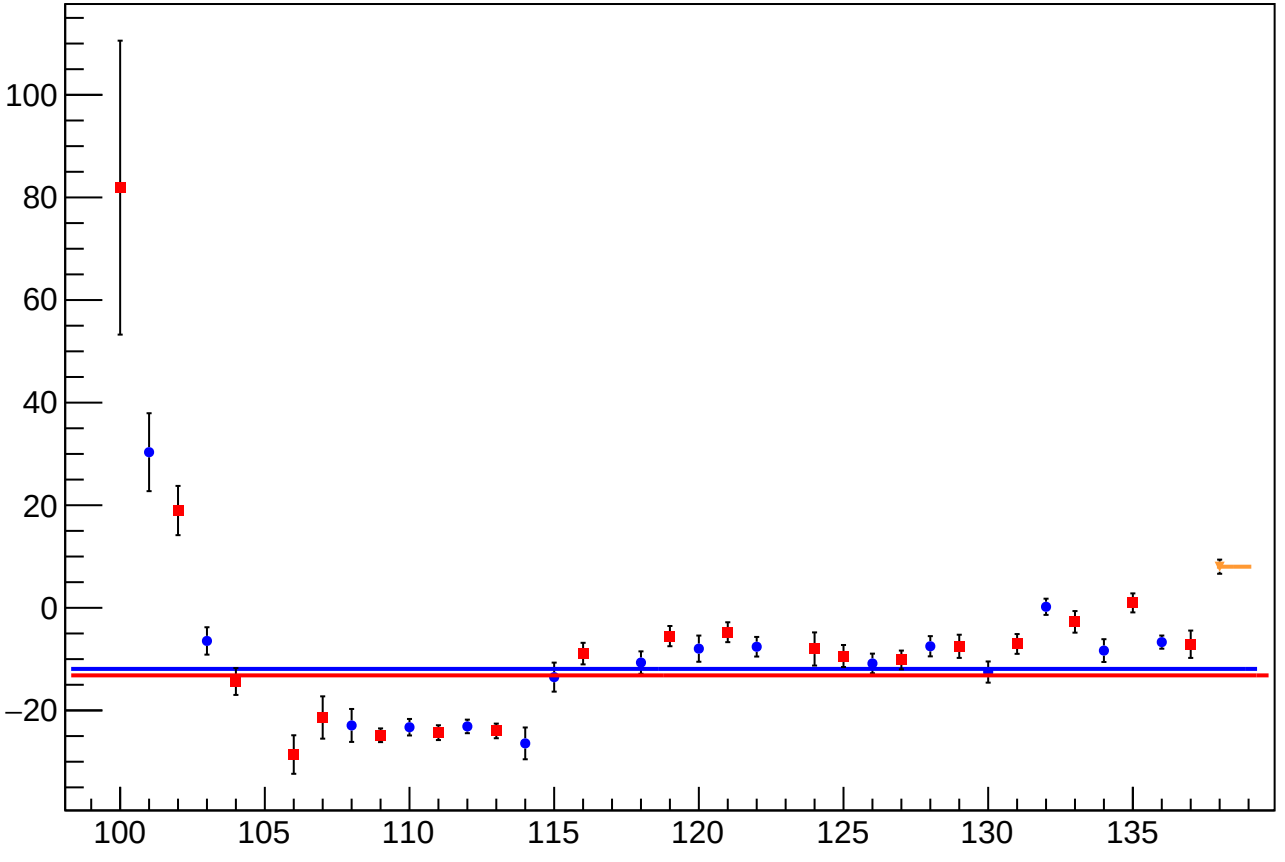
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -32.991+/-0.035 χ^2/NDF: 45521.3/16

All: -31.305+/-0.026 χ^2/NDF: 145963.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -11.906+/-0.497 χ^2/NDF: 282.1/15

Left Out: 8.017+/-1.380 χ^2/NDF:0.0/0

Right Out: -13.169+/-0.480 χ^2/NDF: 421.5/18

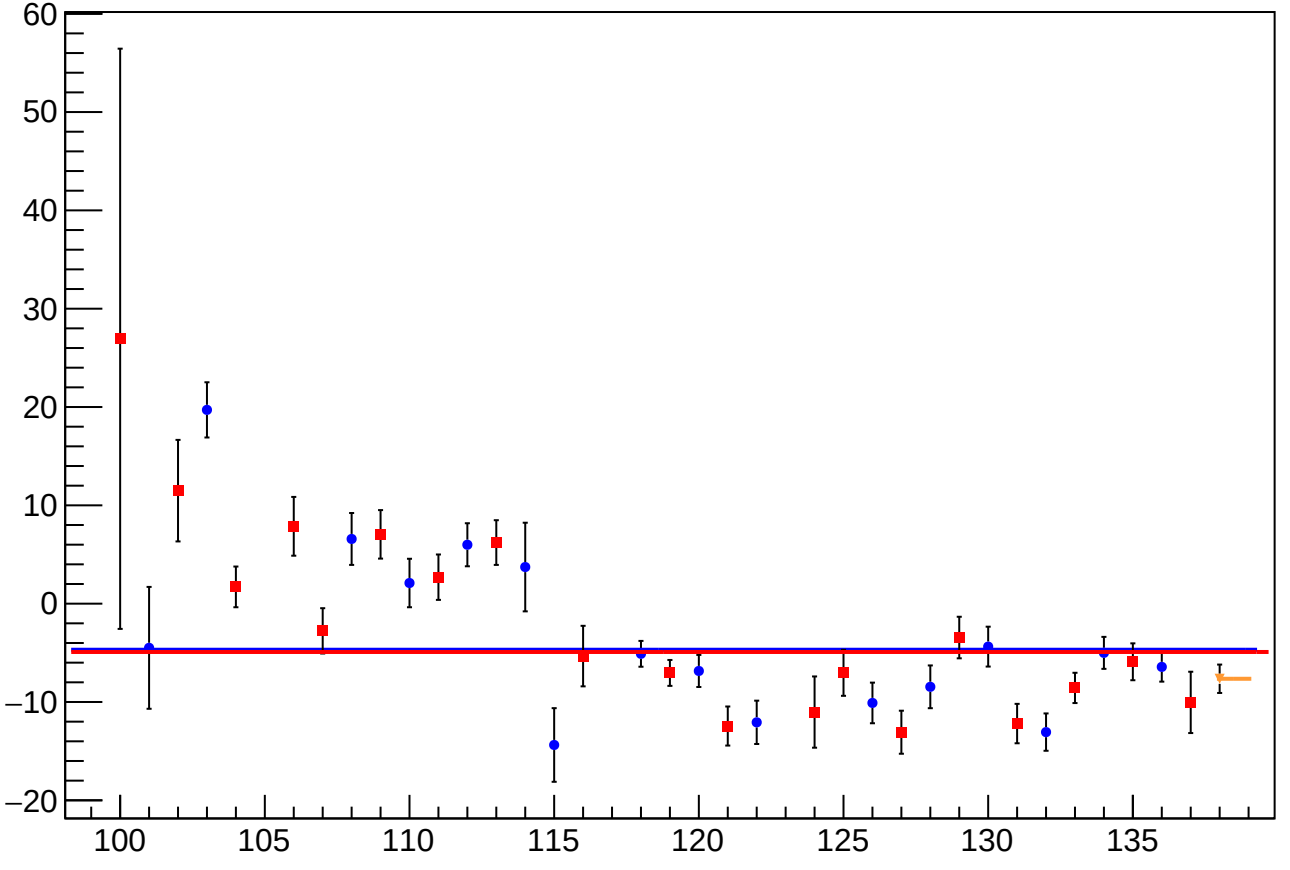
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -9.620+/-0.467 χ^2/NDF: 466.7/16

All: -11.347+/-0.335 χ^2/NDF: 916.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: -4.686+/-0.517 χ^2/NDF: 179.0/15

Left Out: -7.639+/-1.444 χ^2/NDF:0.0/0

Right Out: -4.913+/-0.513 χ^2/NDF: 155.9/18

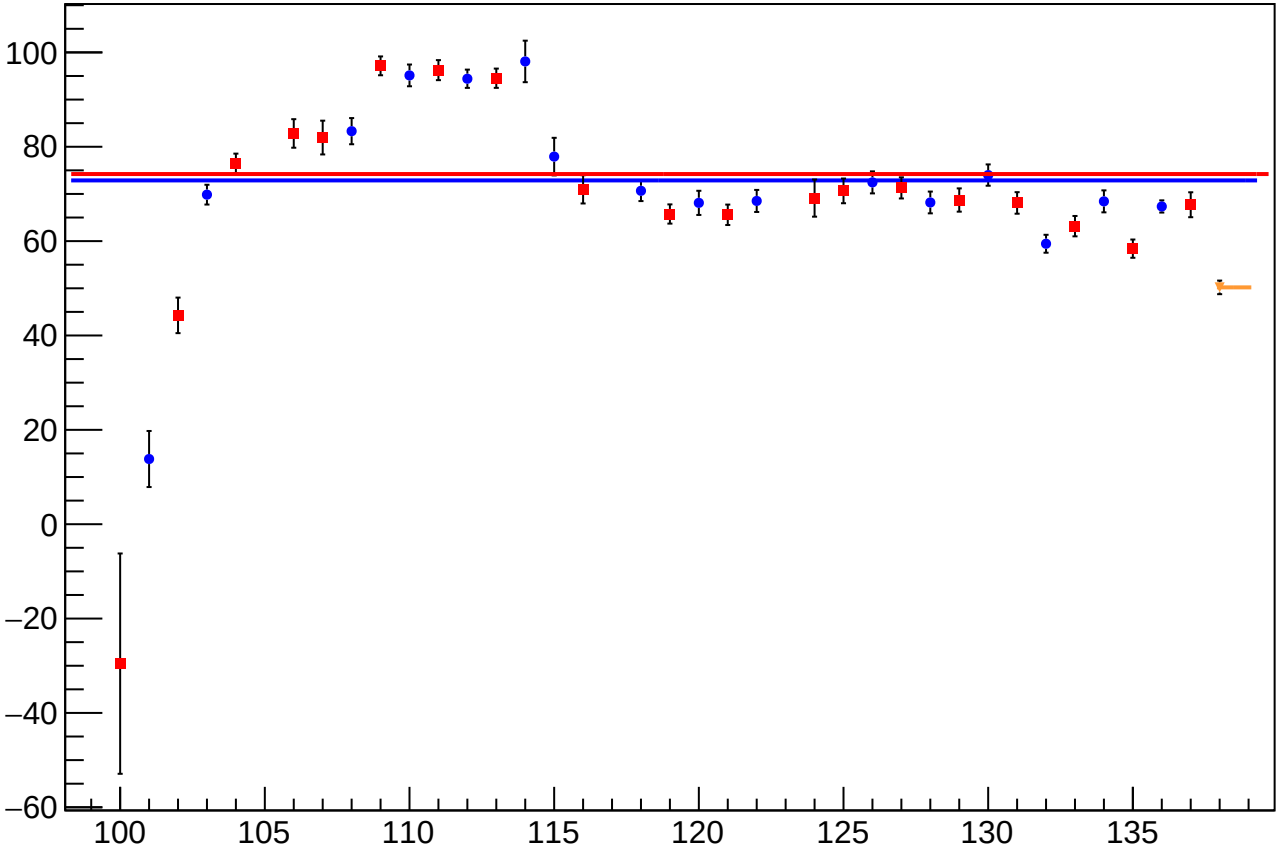
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.021+/-0.487 χ^2/NDF: 182.8/16

All: -4.970+/-0.353 χ^2/NDF: 338.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 72.866+/-0.565 χ^2/NDF: 450.7/15

Left Out: 50.195+/-1.441 χ^2/NDF:0.0/0

Right Out: 74.217+/-0.562 χ^2/NDF: 586.2/18

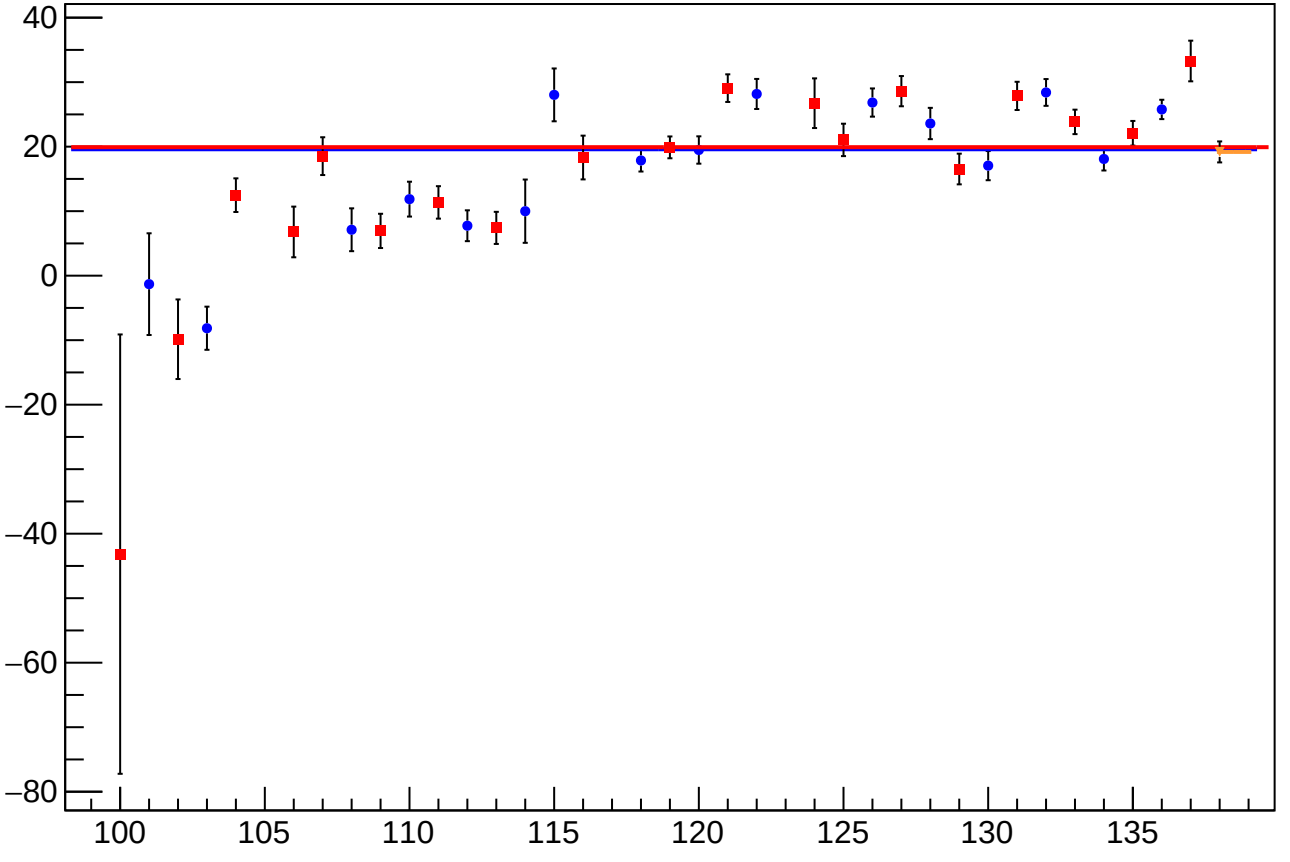
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 69.840+/-0.526 χ^2/NDF: 665.3/16

All: 71.884+/-0.384 χ^2/NDF: 1283.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 19.598+/-0.585 χ^2/NDF: 196.0/15

Left Out: 19.185+/-1.627 χ^2/NDF:0.0/0

Right Out: 19.919+/-0.585 χ^2/NDF: 181.3/18

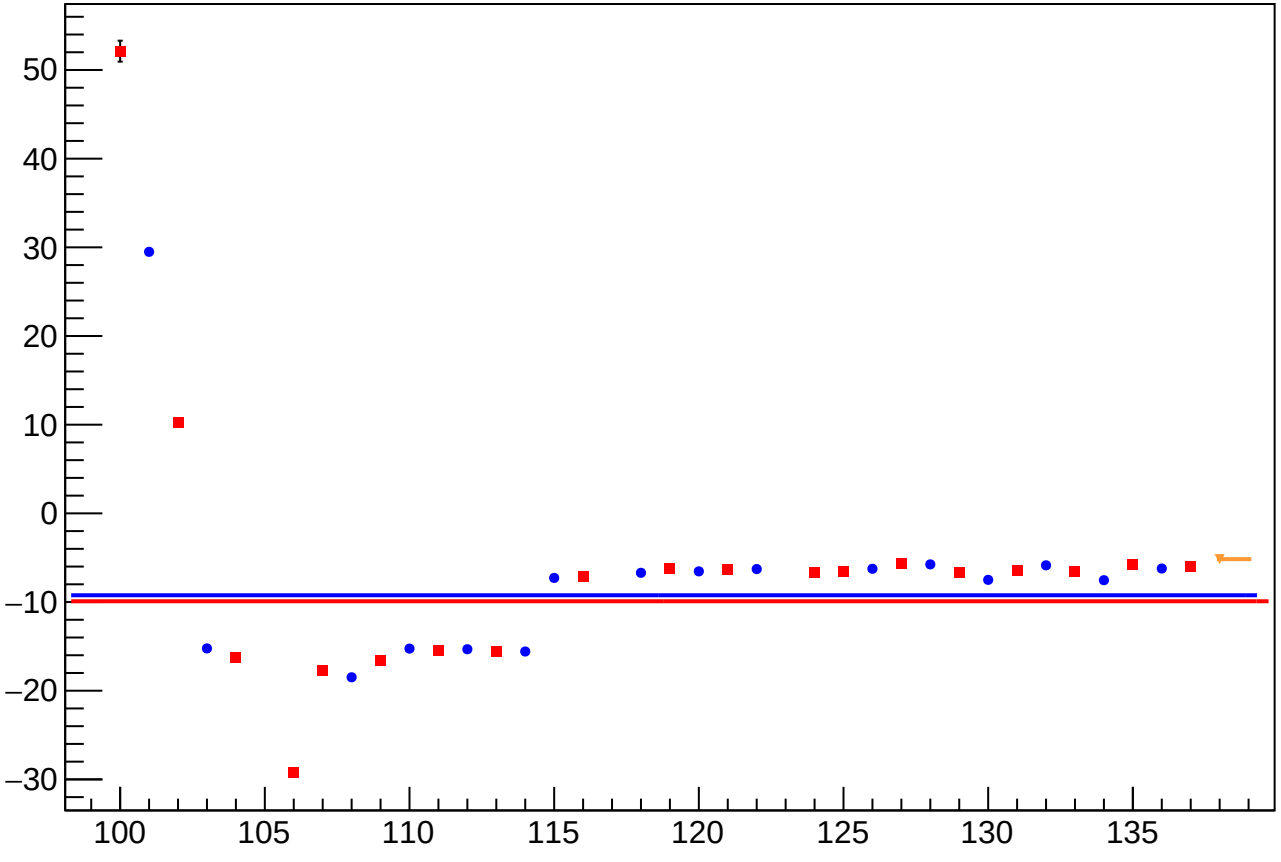
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.550+/-0.551 χ^2/NDF: 196.0/16

All: 19.724+/-0.401 χ^2/NDF: 377.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -9.235+/-0.033 χ^2/NDF: 31159.3/15

Left Out: -5.163+/-0.057 χ^2/NDF:0.0/0

Right Out: -9.913+/-0.034 χ^2/NDF: 53863.3/18

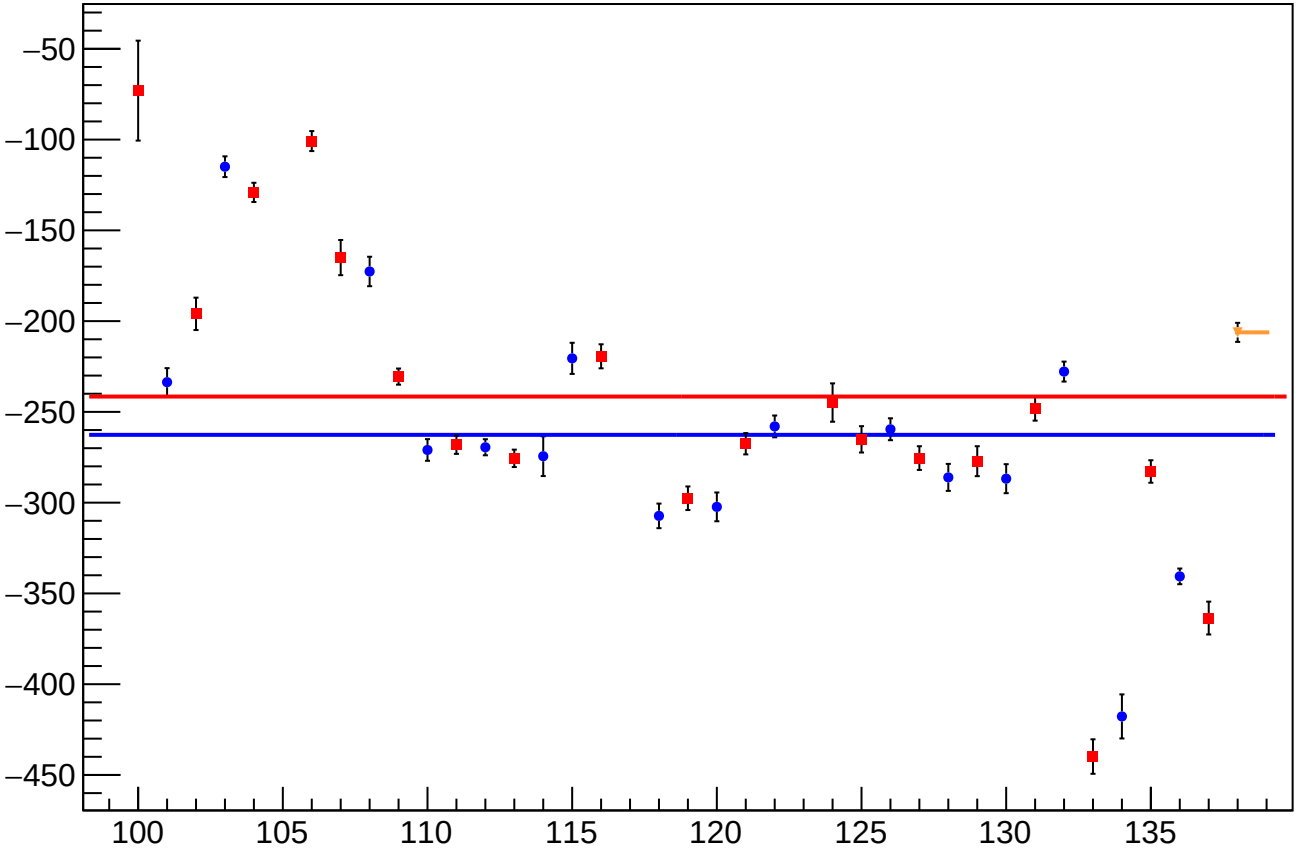
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.213+/-0.028 χ^2/NDF: 35014.4/16

All: -8.902+/-0.022 χ^2/NDF: 90325.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -262.643+/-1.614 χ^2/NDF: 1454.3/15

Left Out: -206.191+/-5.246 χ^2/NDF:0.0/0

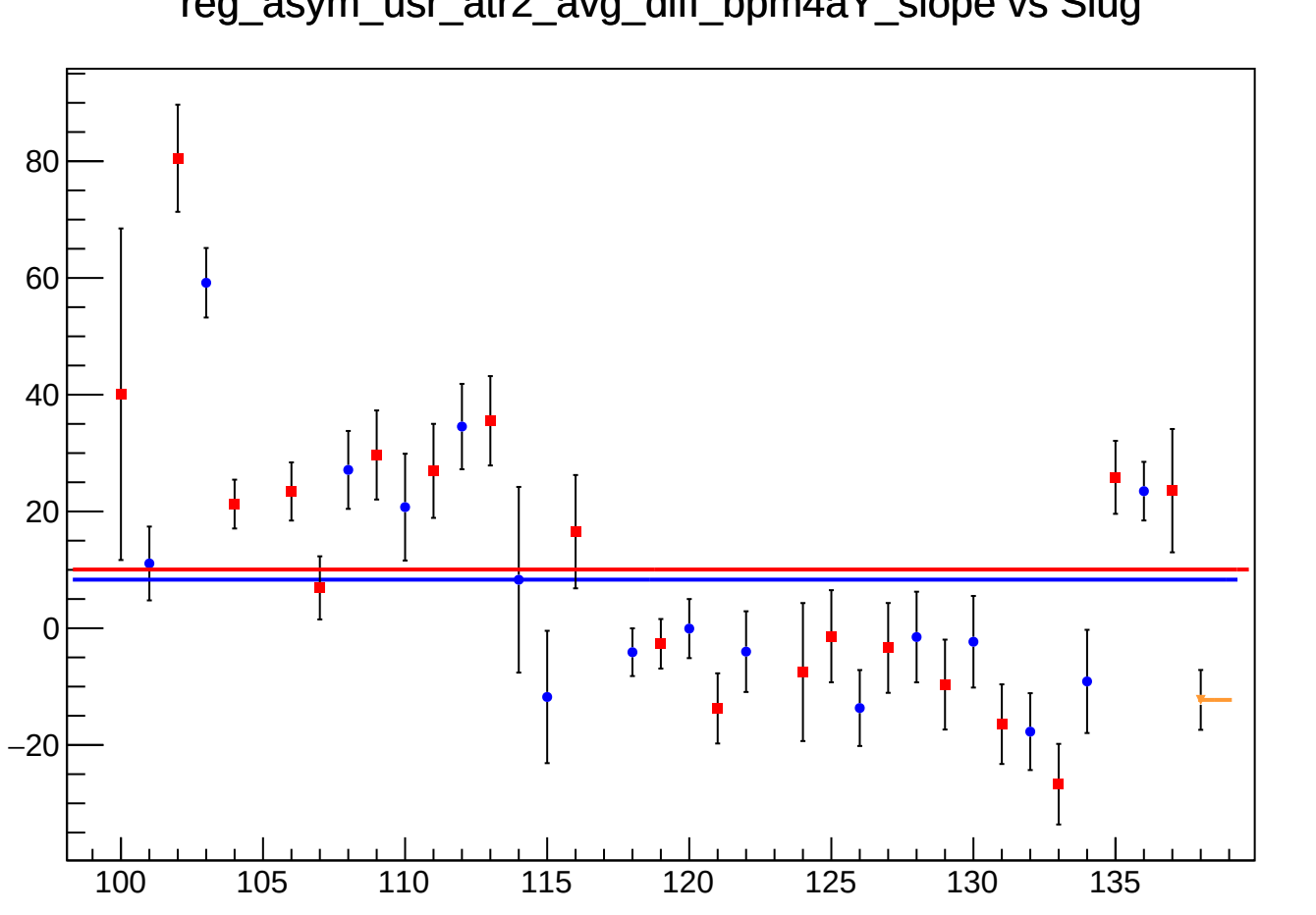
Right Out: -241.548+/-1.506 χ^2/NDF: 2138.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -257.763+/-1.542 χ^2/NDF: 1560.1/16

All: -249.462+/-1.078 χ^2/NDF: 3755.2/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8.320+/-1.644 χ^2/NDF: 157.6/15

Left Out: -12.279+/-5.127 χ^2/NDF:0.0/0

Right Out: 10.052+/-1.539 χ^2/NDF: 187.4/18

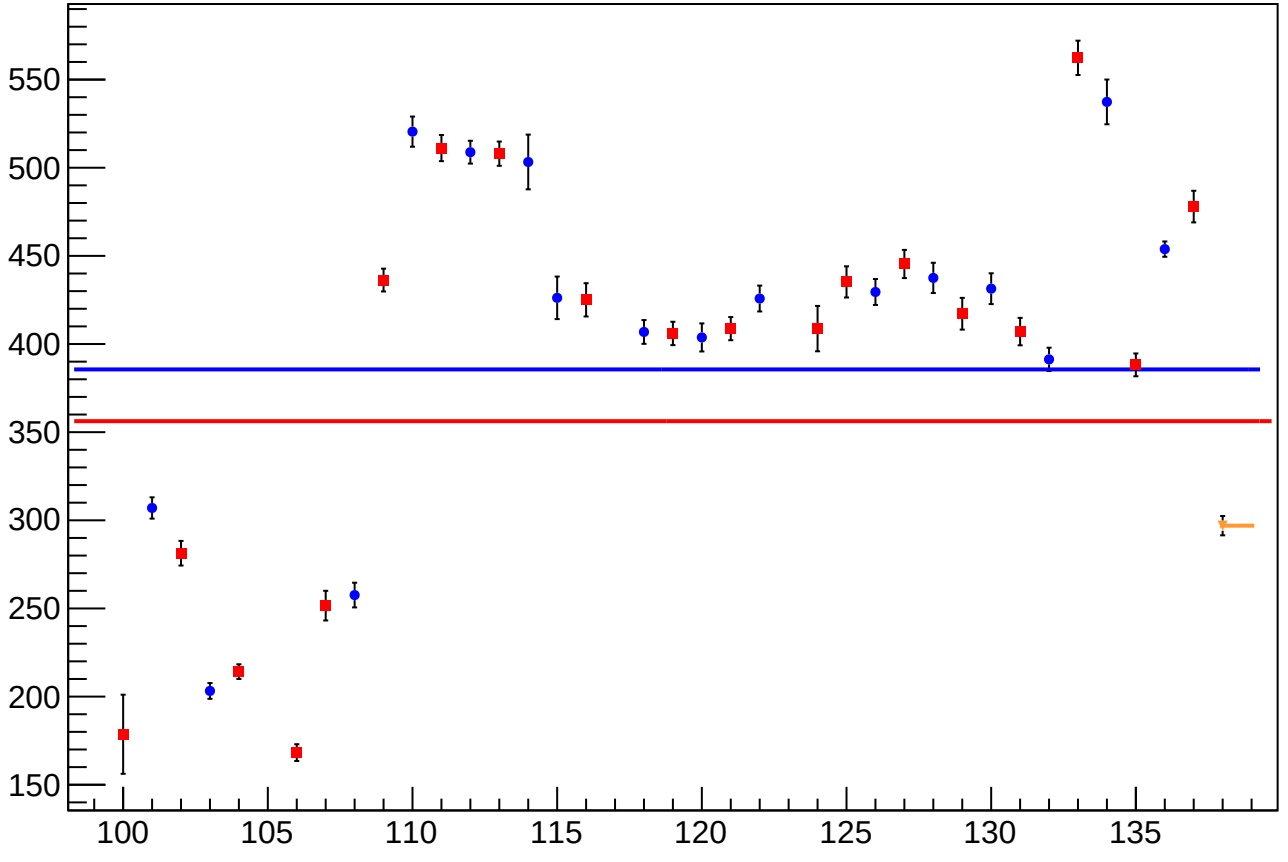
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.400+/-1.566 χ^2/NDF: 172.3/16

All: 8.257+/-1.097 χ^2/NDF: 362.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 385.590+/-1.742 χ^2/NDF: 3373.1/15

Left Out: 296.957+/-5.473 χ^2/NDF:0.0/0

Right Out: 356.245+/-1.647 χ^2/NDF: 5270.3/18

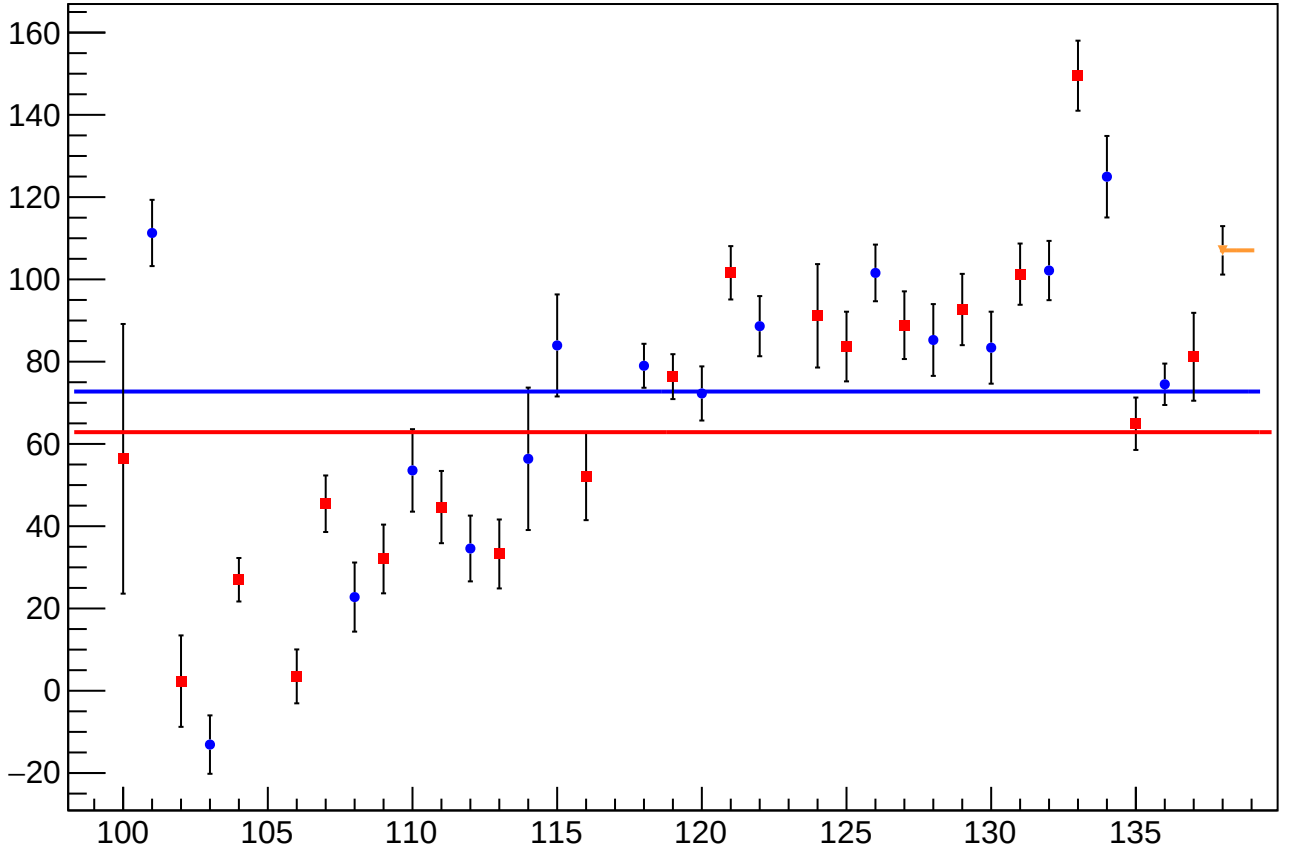
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 377.434+/-1.660 χ^2/NDF: 3611.2/16

All: 366.752+/-1.169 χ^2/NDF: 8963.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 72.740+/-1.897 χ^2/NDF: 304.3/15

Left Out: 107.059+/-5.891 χ^2/NDF:0.0/0

Right Out: 62.863+/-1.795 χ^2/NDF: 403.6/18

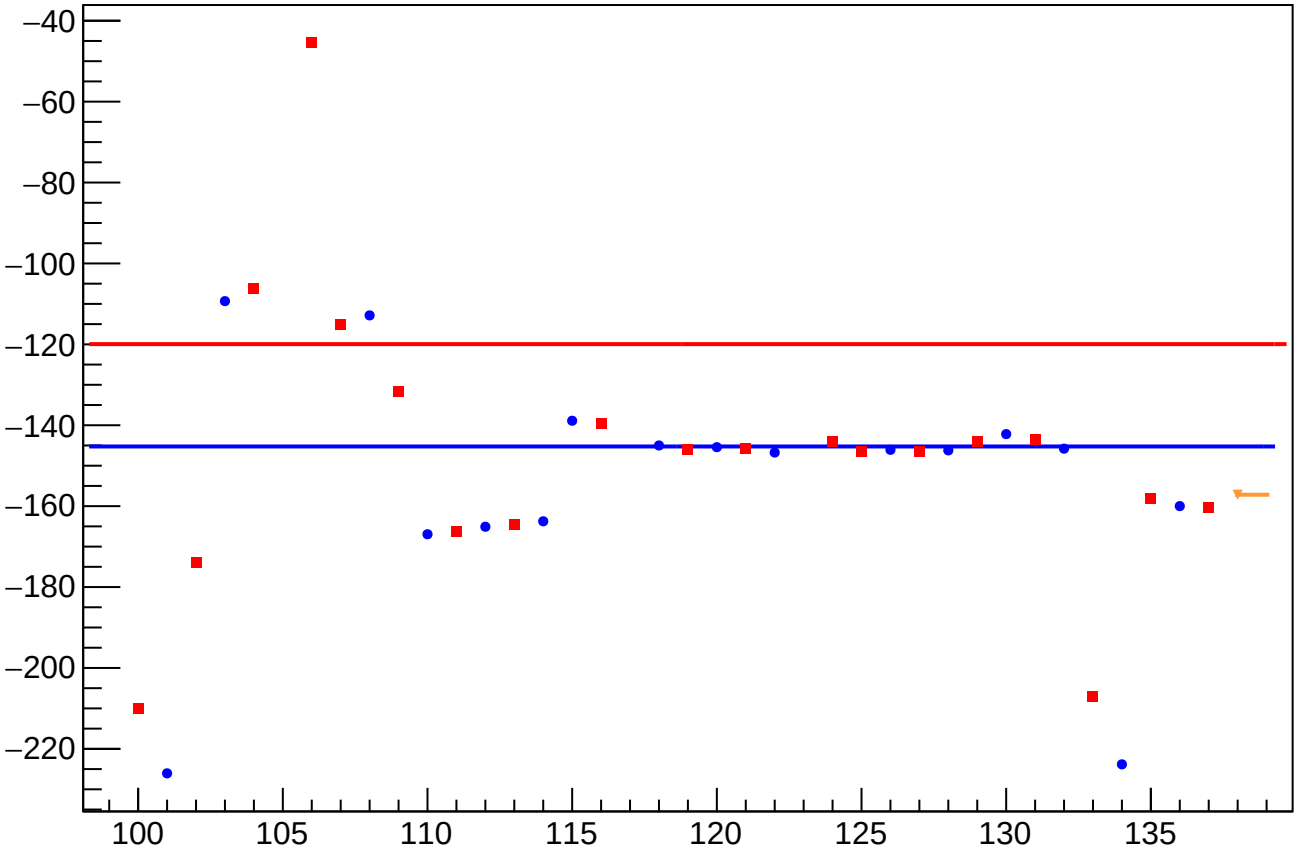
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 75.964+/-1.806 χ^2/NDF: 335.1/16

All: 69.374+/-1.273 χ^2/NDF: 765.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -145.246+/-0.098 χ^2/NDF: 132057.3/15

Left Out: -157.175+/-0.220 χ^2/NDF:0.0/0

Right Out: -119.947+/-0.089 χ^2/NDF: 270354.1/18

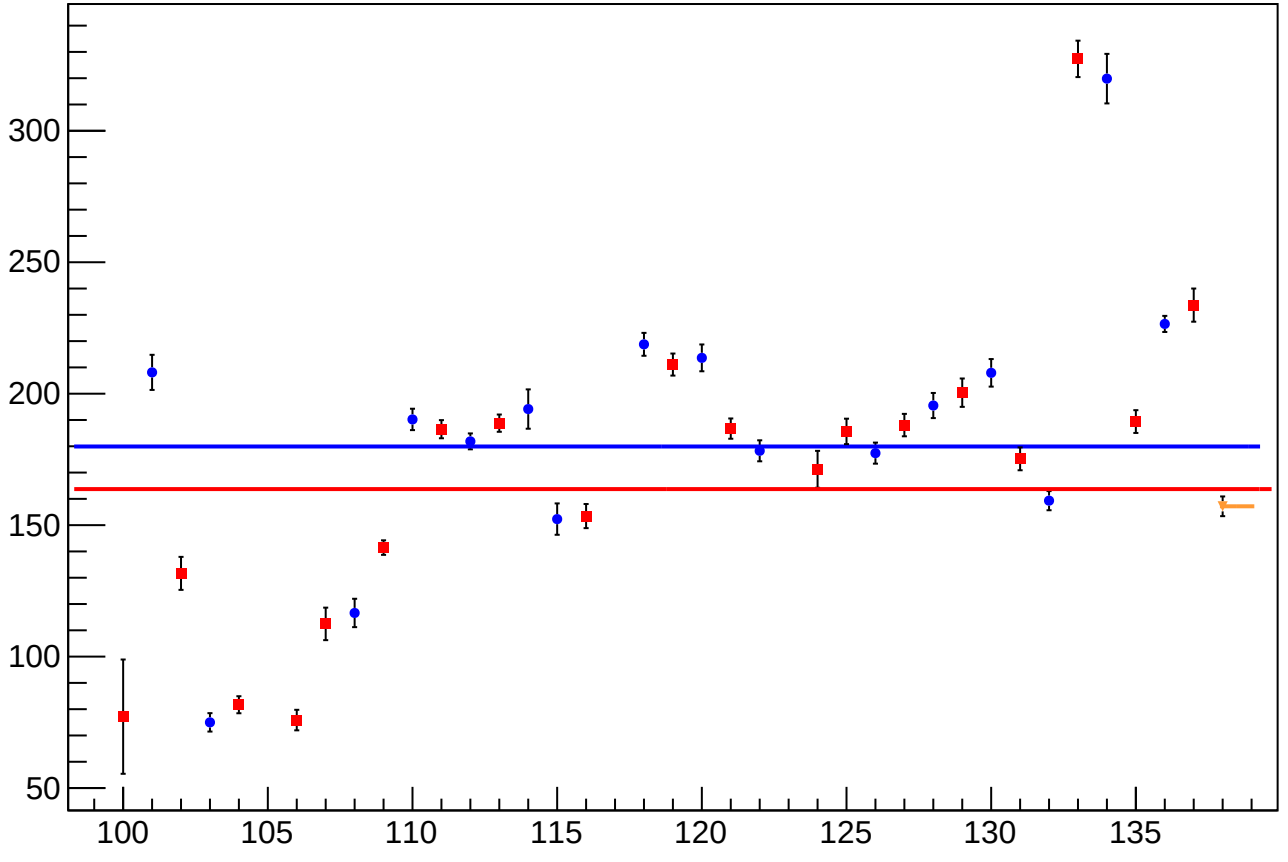
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -147.226+/-0.090 χ^2/NDF: 134499.3/16

All: -133.459+/-0.063 χ^2/NDF: 451418.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 179.918+/-1.089 χ^2/NDF: 1732.7/15

Left Out: 157.169+/-3.750 χ^2/NDF:0.0/0

Right Out: 163.718+/-1.001 χ^2/NDF: 2416.8/18

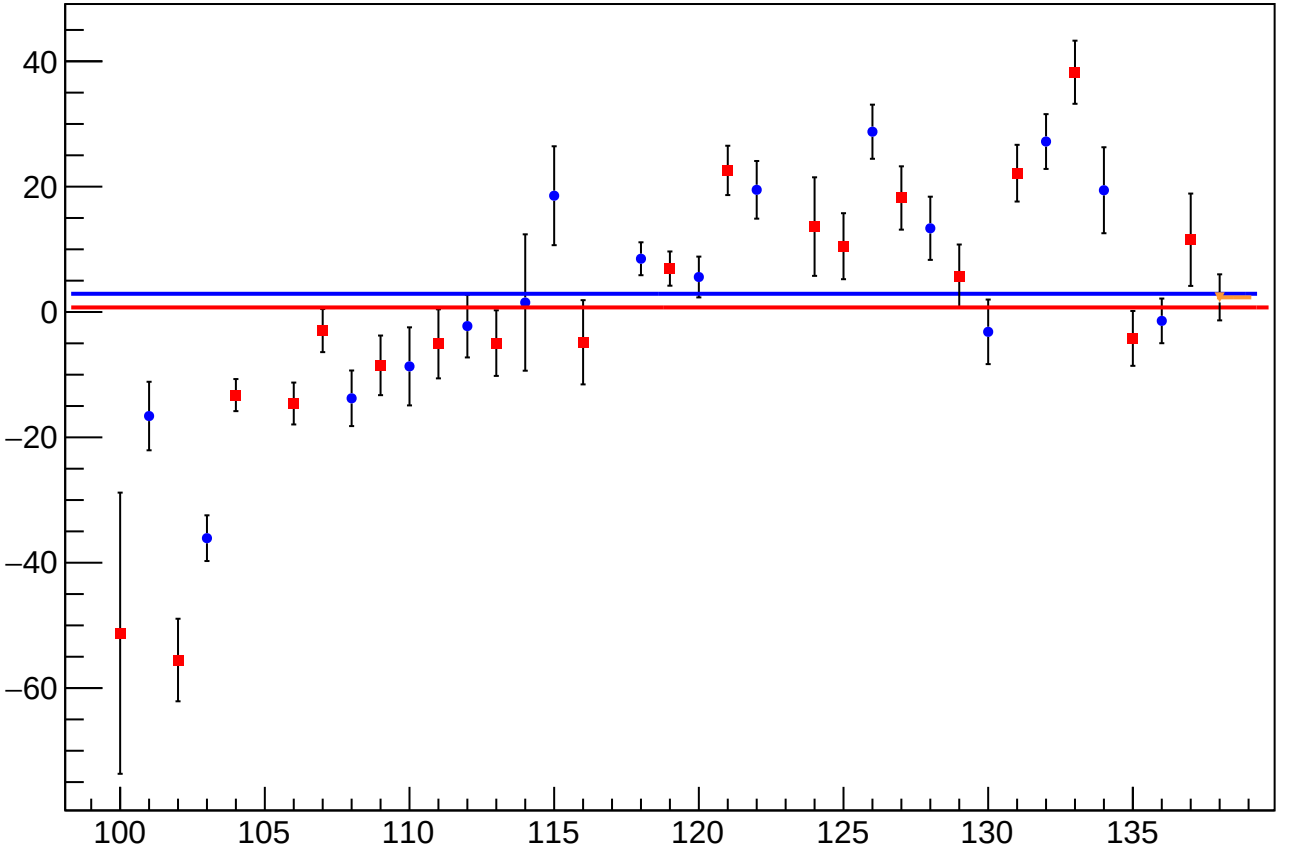
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 178.150+/-1.045 χ^2/NDF: 1766.6/16

All: 170.619+/-0.723 χ^2/NDF: 4282.9/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: 2.907+/-1.105 χ^2/NDF: 247.5/15

Left Out: 2.337+/-3.674 χ^2/NDF:0.0/0

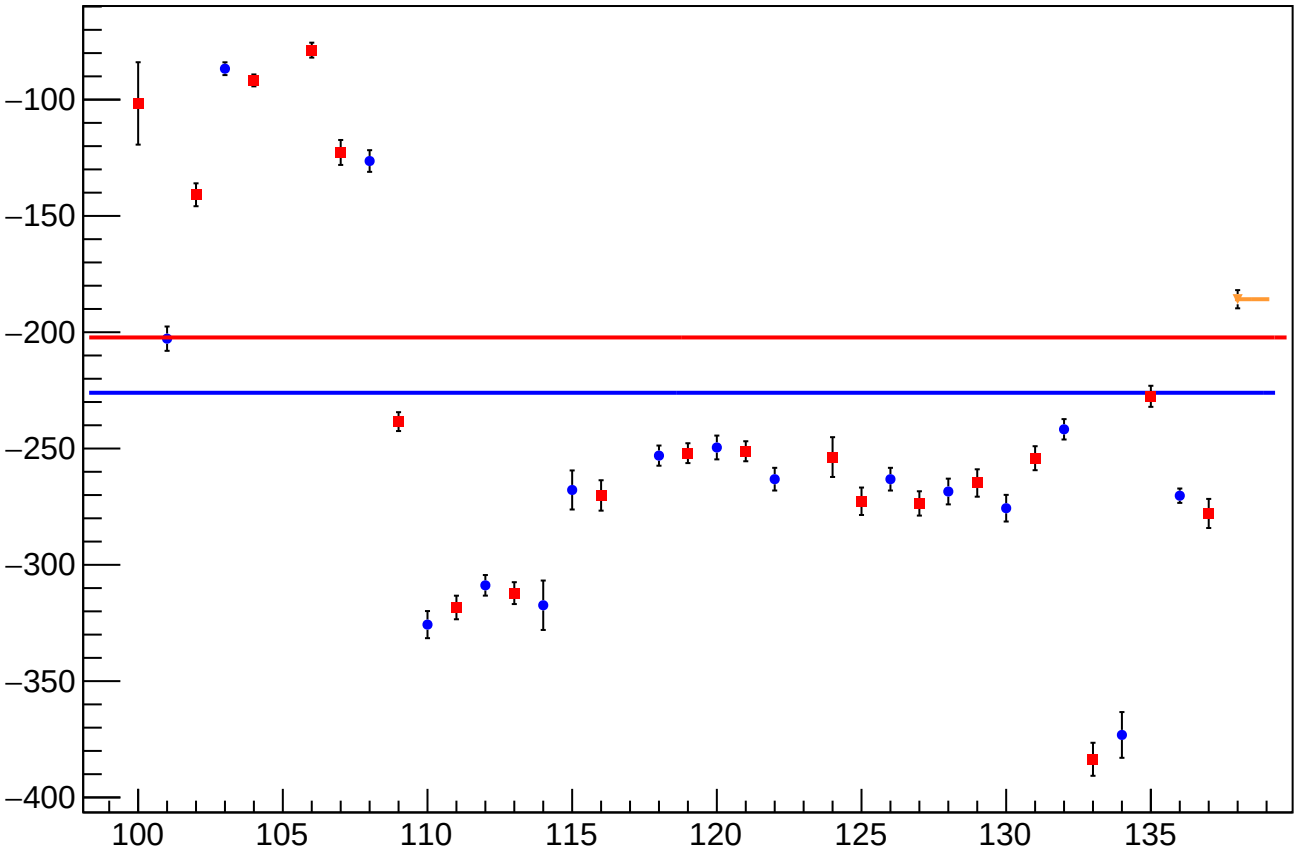
Right Out: 0.729+/-1.012 χ^2/NDF: 273.6/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 2.860+/-1.058 χ^2/NDF: 247.5/16

All: 1.747+/-0.731 χ^2/NDF: 523.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -226.028+/-1.175 χ^2/NDF: 4539.0/15

Left Out: -185.809+/-3.912 χ^2/NDF:0.0/0

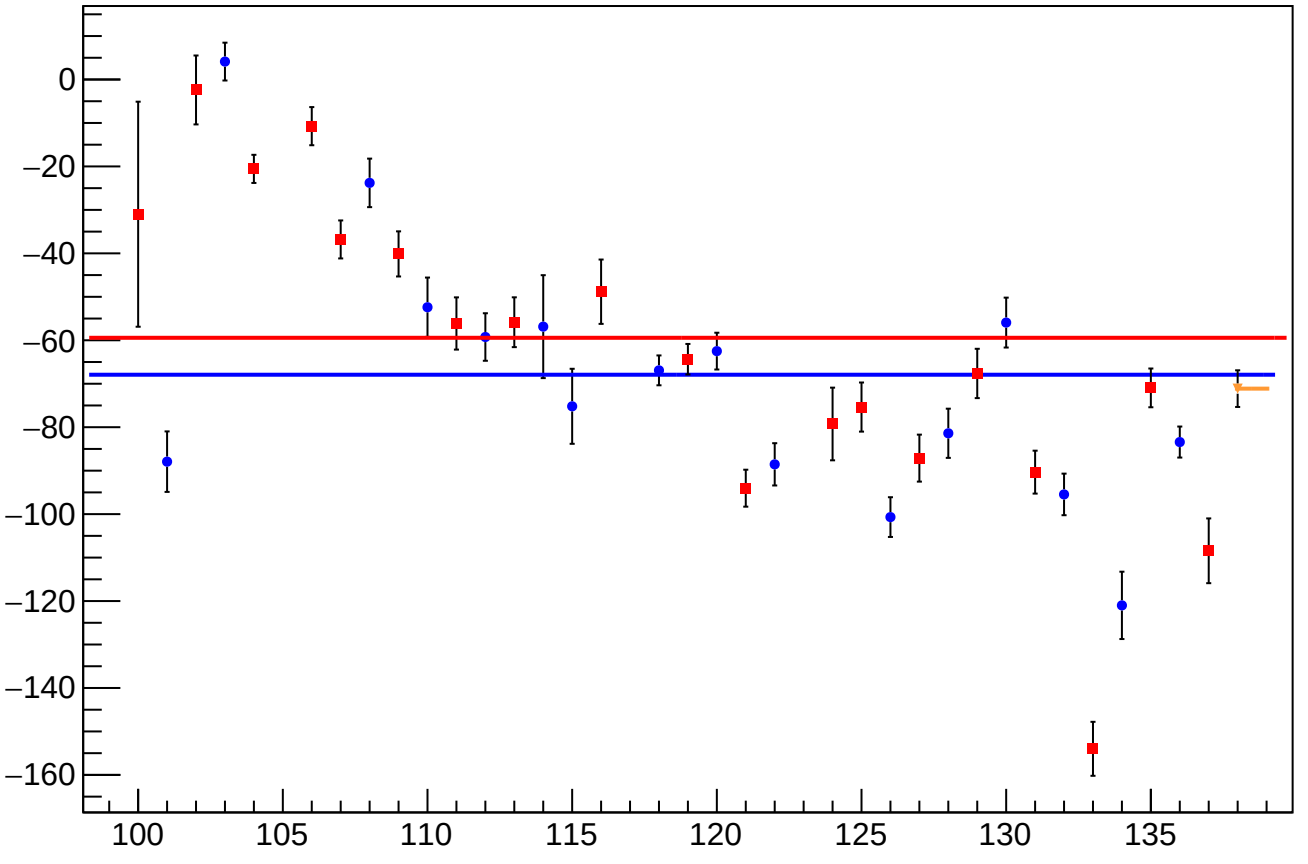
Right Out: -202.247+/-1.087 χ^2/NDF: 6690.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -222.700+/-1.125 χ^2/NDF: 4636.0/16

All: -212.120+/-0.782 χ^2/NDF: 11497.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -67.927+/-1.278 χ^2/NDF: 534.0/15

Left Out: -71.126+/-4.219 χ^2/NDF:0.0/0

Right Out: -59.428+/-1.184 χ^2/NDF: 794.9/18

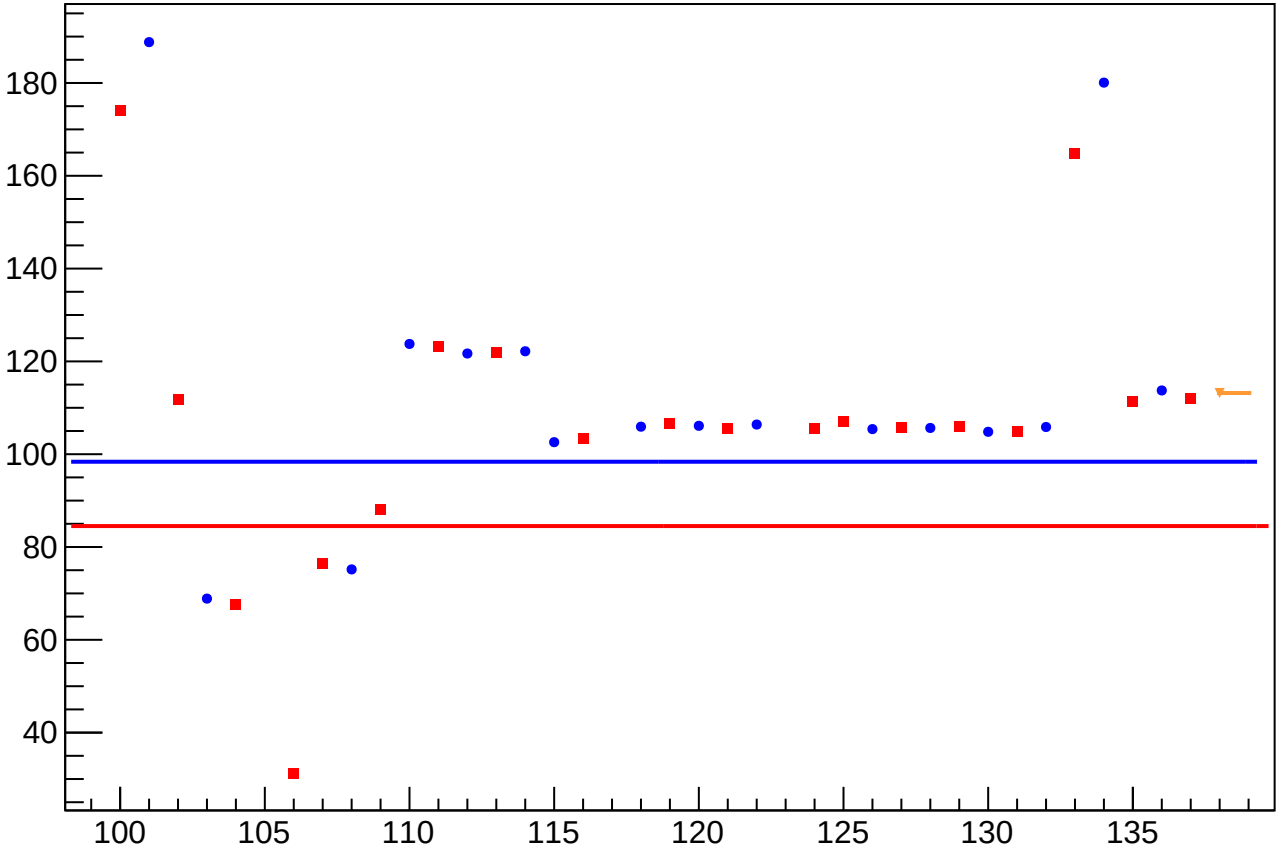
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -68.196+/-1.223 χ^2/NDF: 534.6/16

All: -63.669+/-0.851 χ^2/NDF: 1356.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 98.377+/-0.066 χ^2/NDF: 228419.7/15

Left Out: 113.189+/-0.158 χ^2/NDF:0.0/0

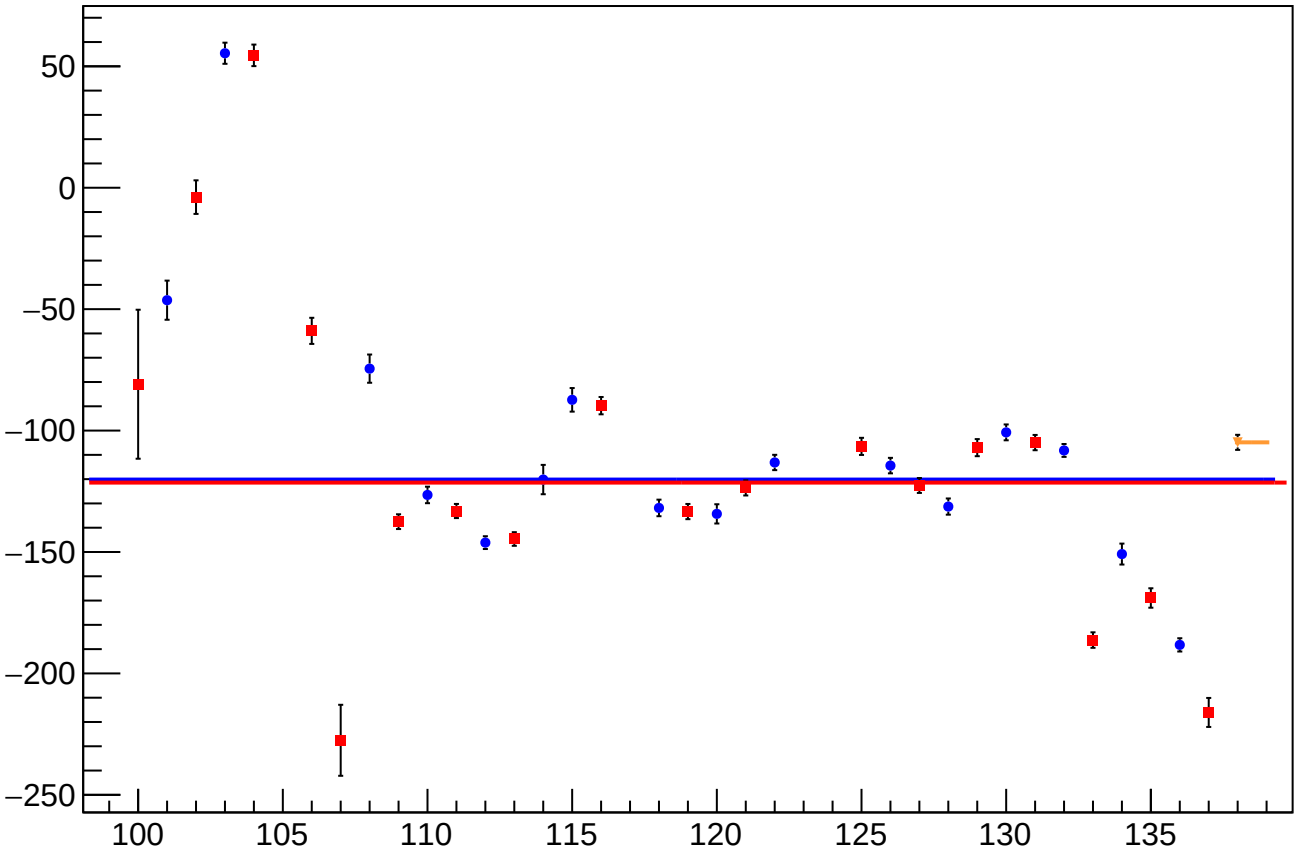
Right Out: 84.512+/-0.061 χ^2/NDF: 268911.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 100.592+/-0.061 χ^2/NDF: 235940.8/16

All: 92.516+/-0.043 χ^2/NDF: 539863.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -120.177+/-0.891 χ^2/NDF: 2691.2/15

Left Out: -104.847+/-3.102 χ^2/NDF:0.0/0

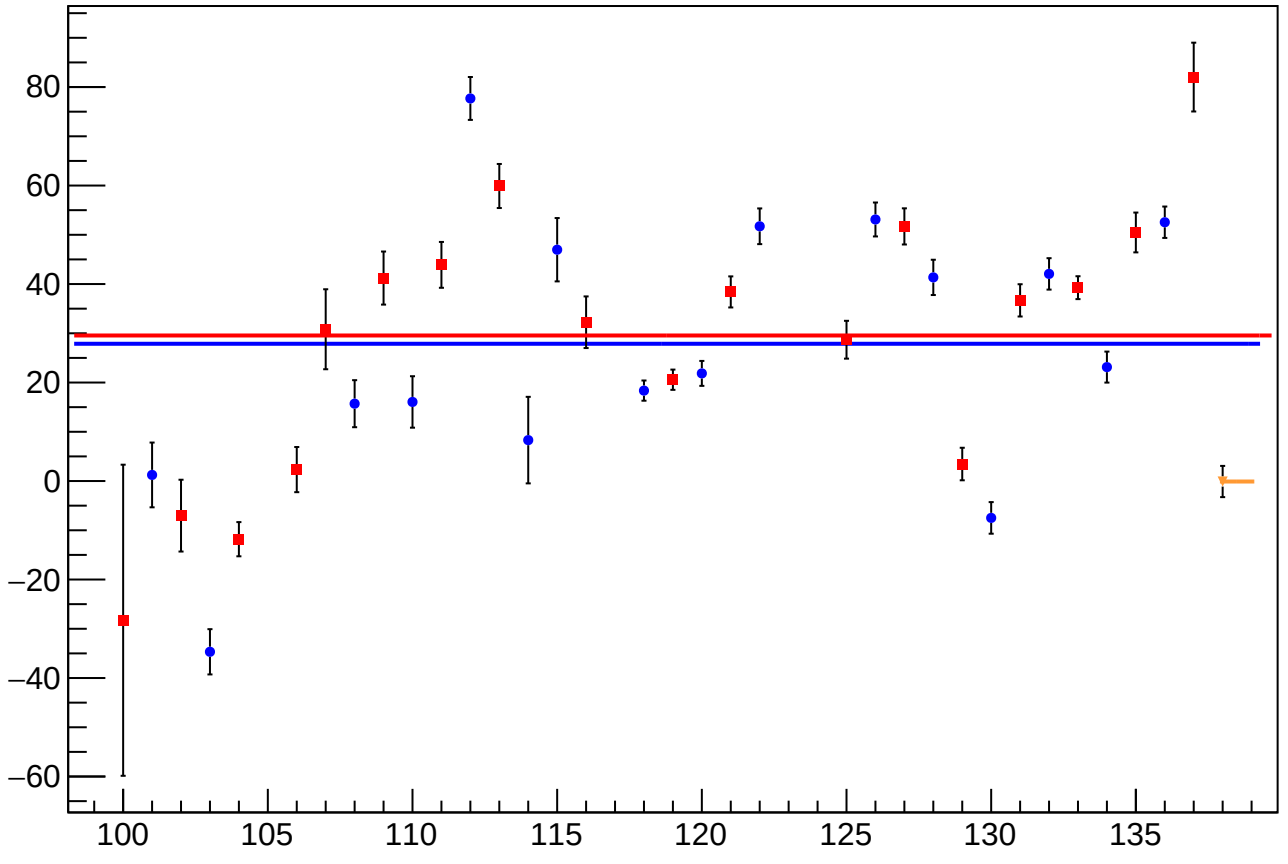
Right Out: -121.418+/-0.875 χ^2/NDF: 3126.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -119.010+/-0.856 χ^2/NDF: 2713.8/16

All: -120.187+/-0.612 χ^2/NDF: 5844.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 27.872+/-0.888 χ^2/NDF: 699.6/15

Left Out: -0.099+/-3.171 χ^2/NDF:0.0/0

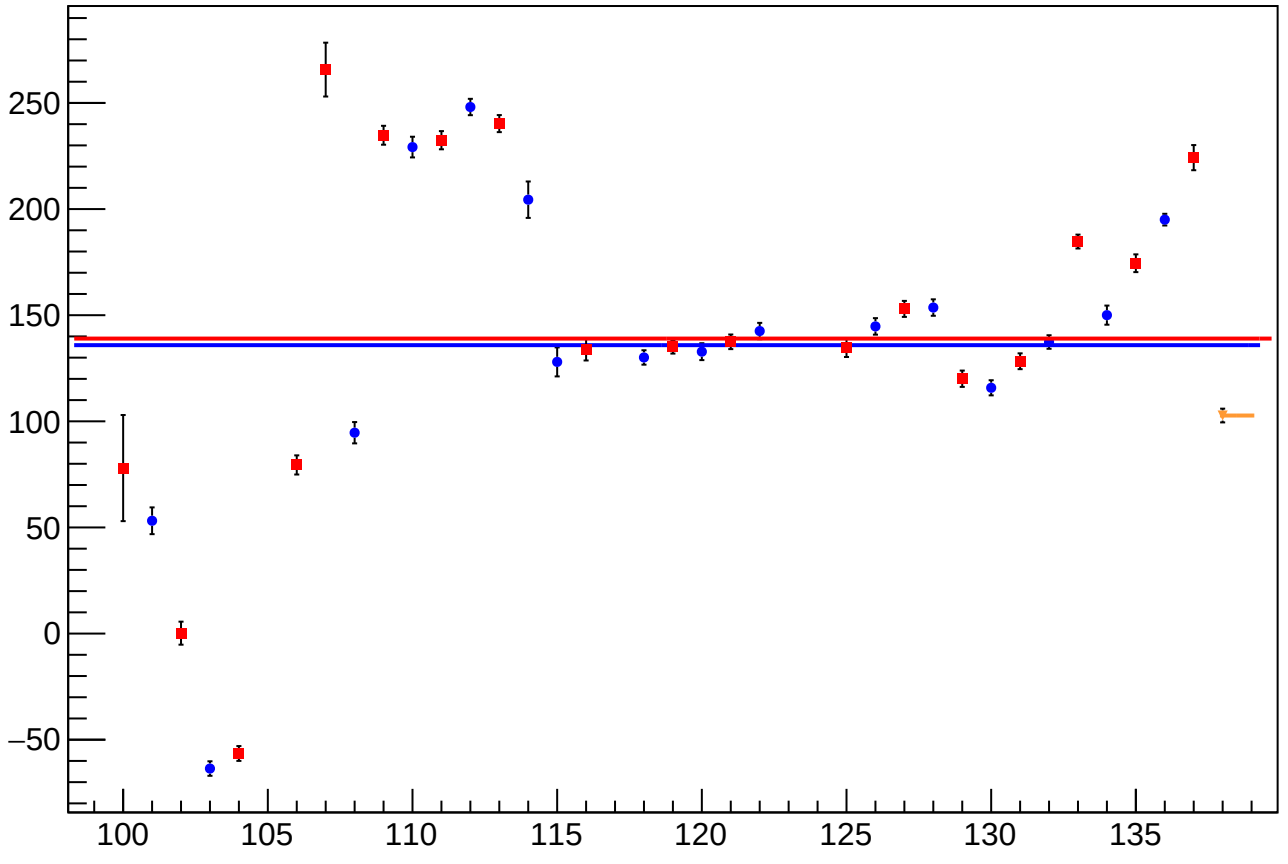
Right Out: 29.553+/-0.890 χ^2/NDF: 497.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 25.837+/-0.855 χ^2/NDF: 771.8/16

All: 27.622+/-0.617 χ^2/NDF: 1278.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 135.883+/-0.999 χ^2/NDF: 5463.6/15

Left Out: 102.730+/-3.238 χ^2/NDF:0.0/0

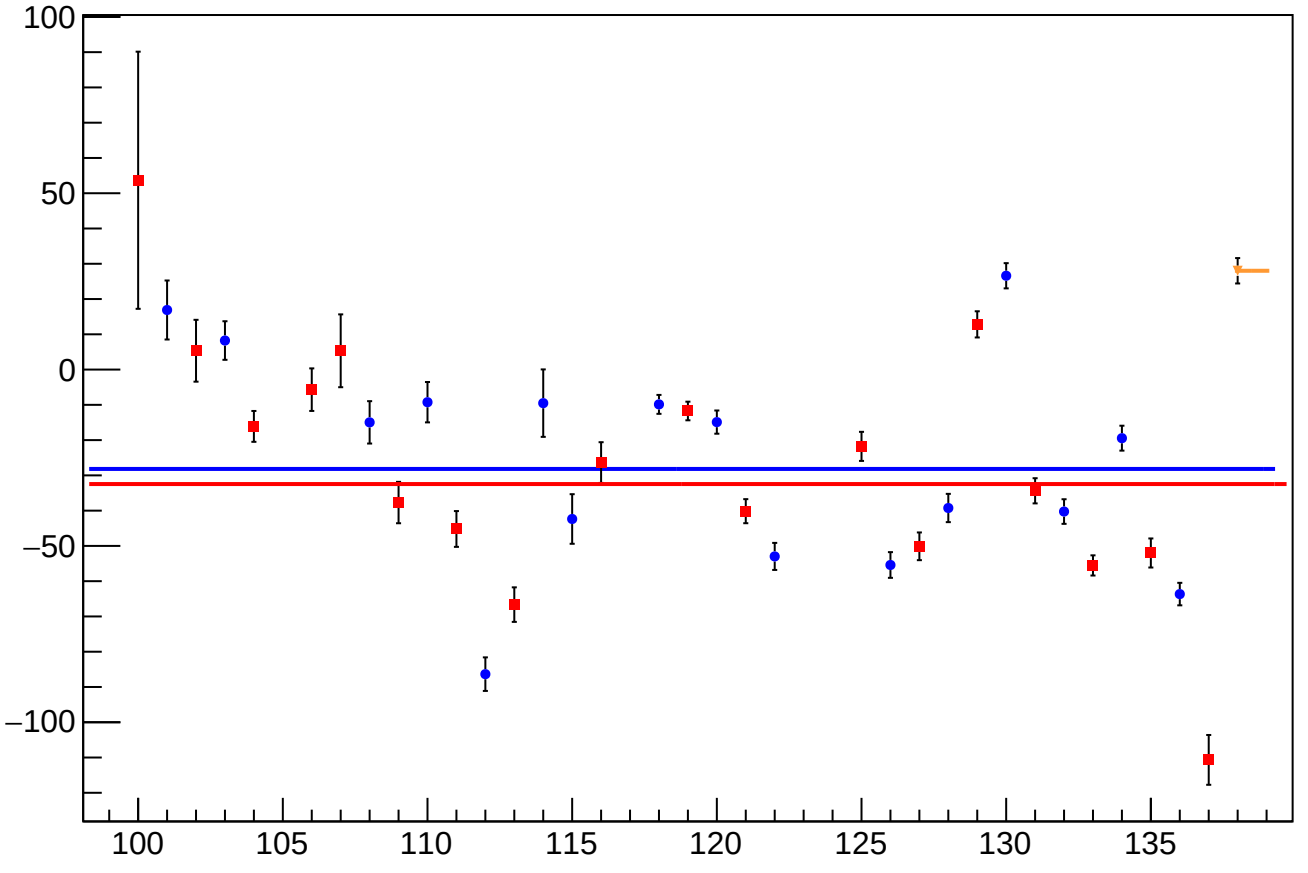
Right Out: 138.985+/-0.998 χ^2/NDF: 6156.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 133.004+/-0.954 χ^2/NDF: 5559.4/16

All: 135.859+/-0.690 χ^2/NDF: 11734.6/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -28.175+/-1.022 χ^2/NDF: 791.2/15

Left Out: 28.015+/-3.599 χ^2/NDF:0.0/0

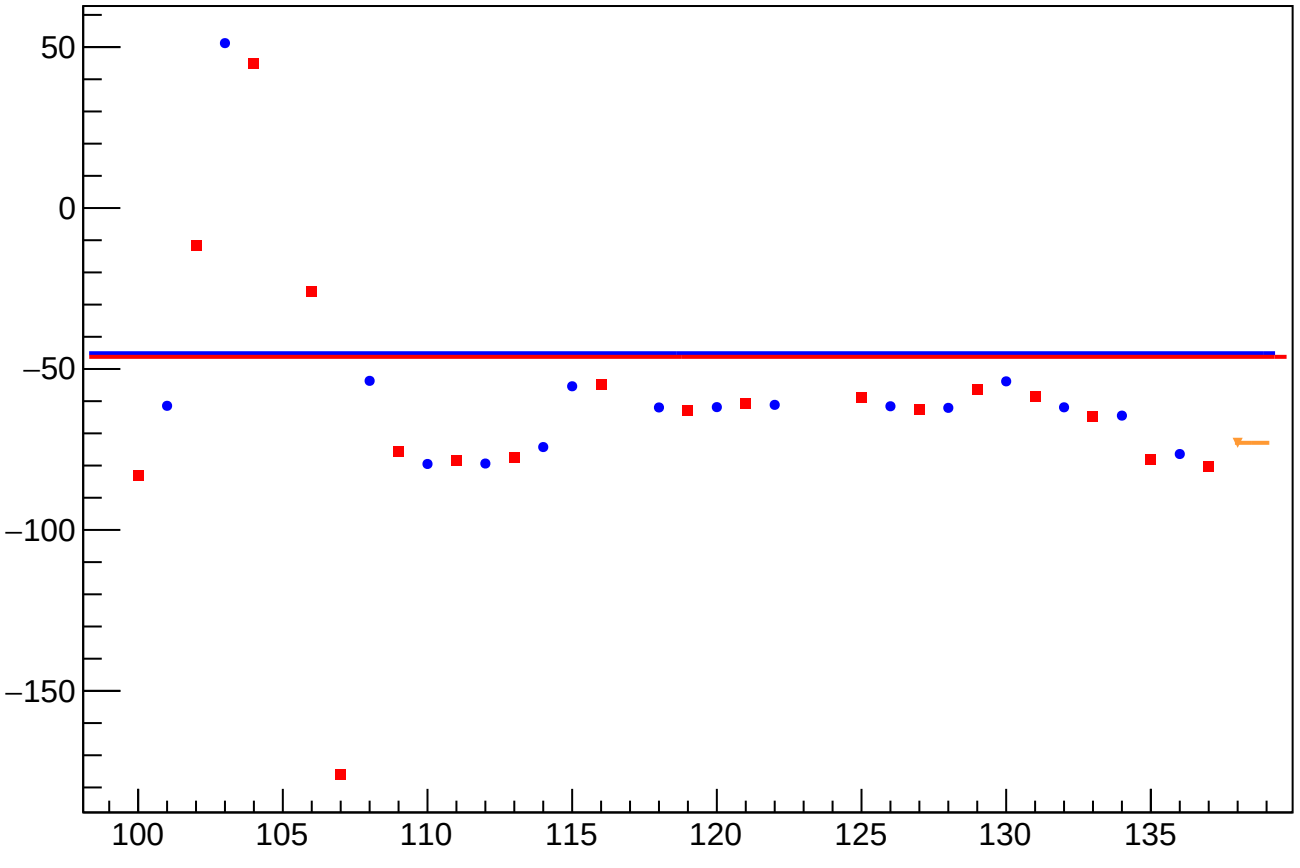
Right Out: -32.459+/-1.027 χ^2/NDF: 580.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -23.981+/-0.983 χ^2/NDF: 1016.7/16

All: -28.035+/-0.710 χ^2/NDF: 1633.1/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -45.106+/-0.060 χ^2/NDF: 575184.2/15

Left Out: -72.936+/-0.129 χ^2/NDF:0.0/0

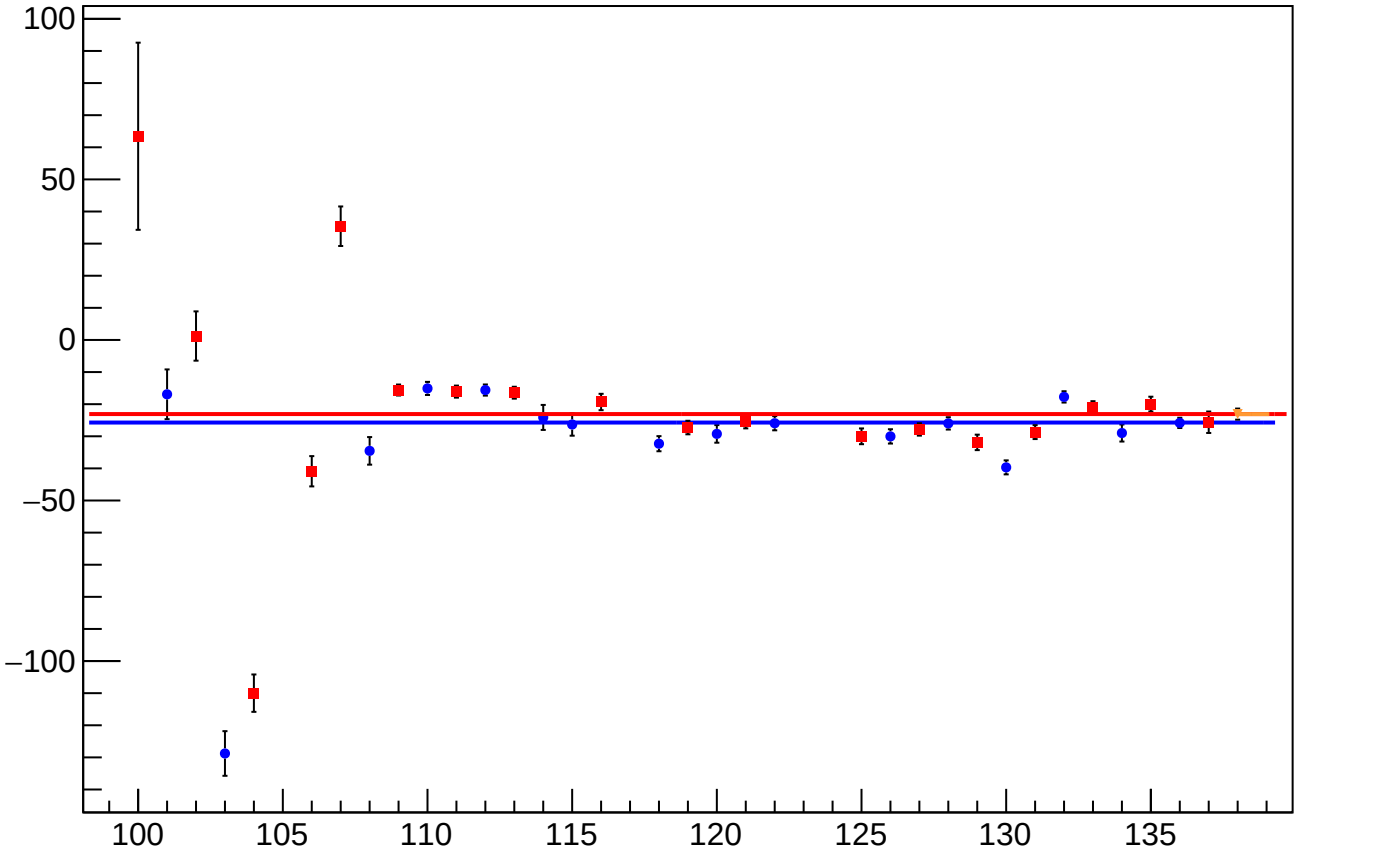
Right Out: -46.229+/-0.063 χ^2/NDF: 493616.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -50.105+/-0.054 χ^2/NDF: 613657.0/16

All: -48.434+/-0.041 χ^2/NDF: 1109455.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -25.721+/-0.590 χ^2/NDF: 363.0/15

Left Out: -23.097+/-1.729 χ^2/NDF:0.0/0

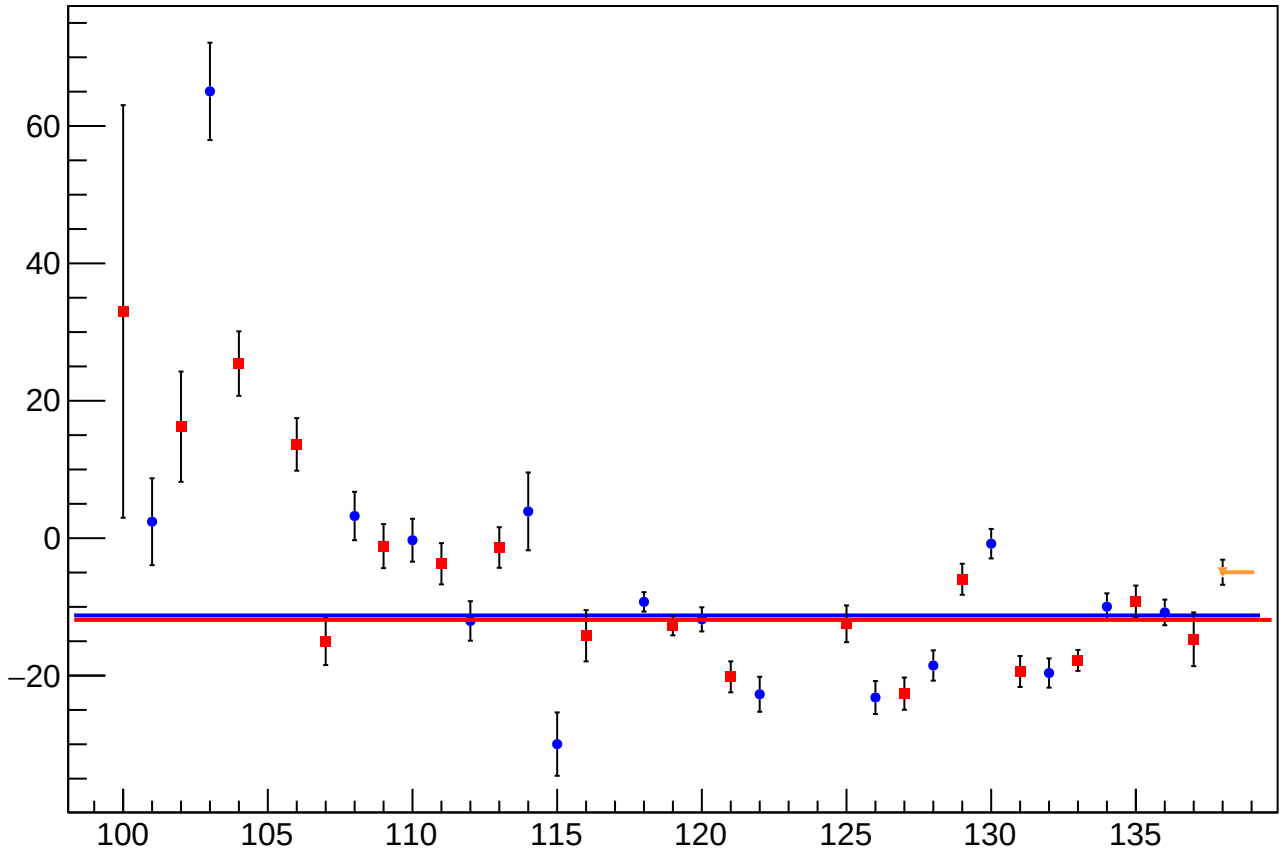
Right Out: -23.079+/-0.582 χ^2/NDF: 437.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -25.448+/-0.559 χ^2/NDF: 365.1/16

All: -24.312+/-0.403 χ^2/NDF: 810.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -11.246+/-0.600 χ^2/NDF: 271.1/15

Left Out: -4.960+/-1.825 χ^2/NDF:0.0/0

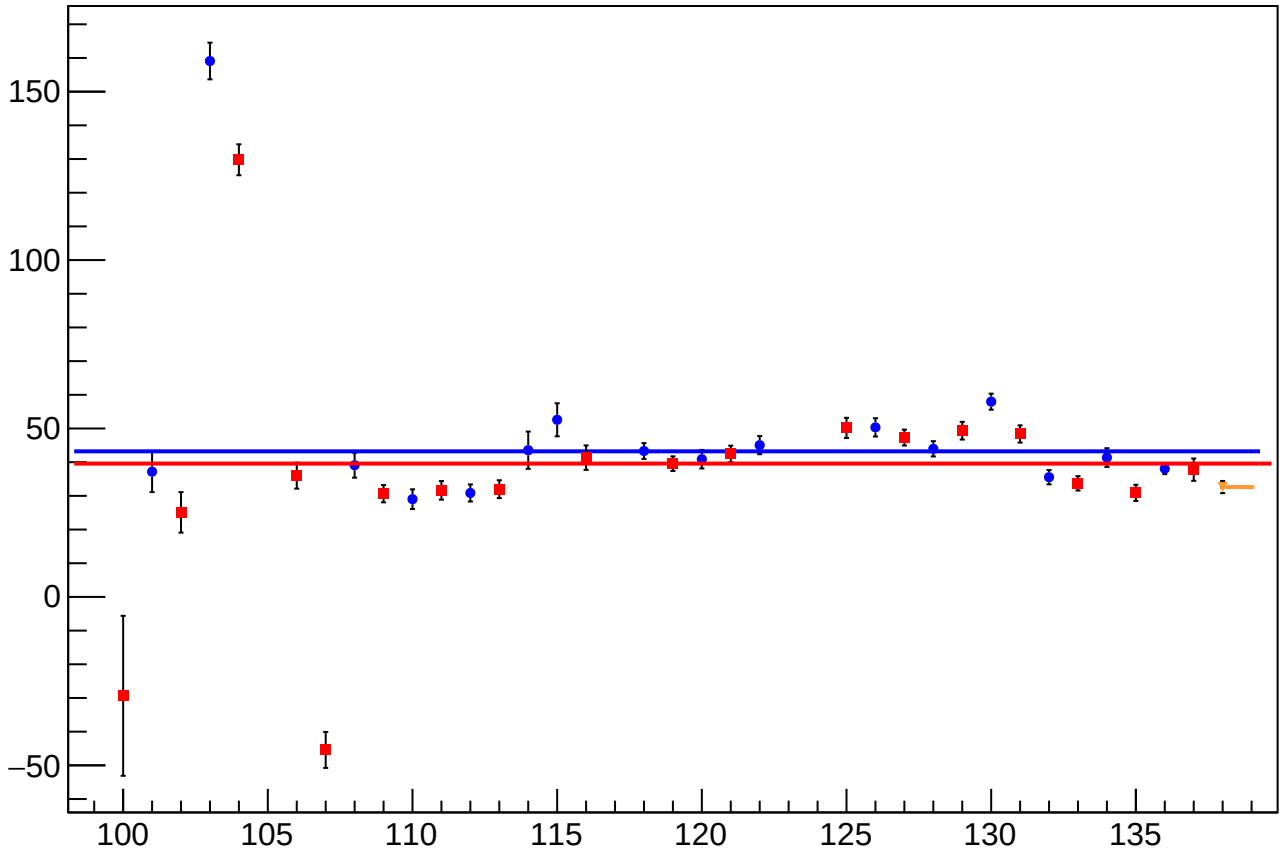
Right Out: -11.890+/-0.607 χ^2/NDF: 224.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -10.633+/-0.570 χ^2/NDF: 281.8/16

All: -11.222+/-0.416 χ^2/NDF: 508.5/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 43.222+/-0.678 χ^2/NDF: 576.0/15

Left Out: 32.617+/-1.806 χ^2/NDF:0.0/0

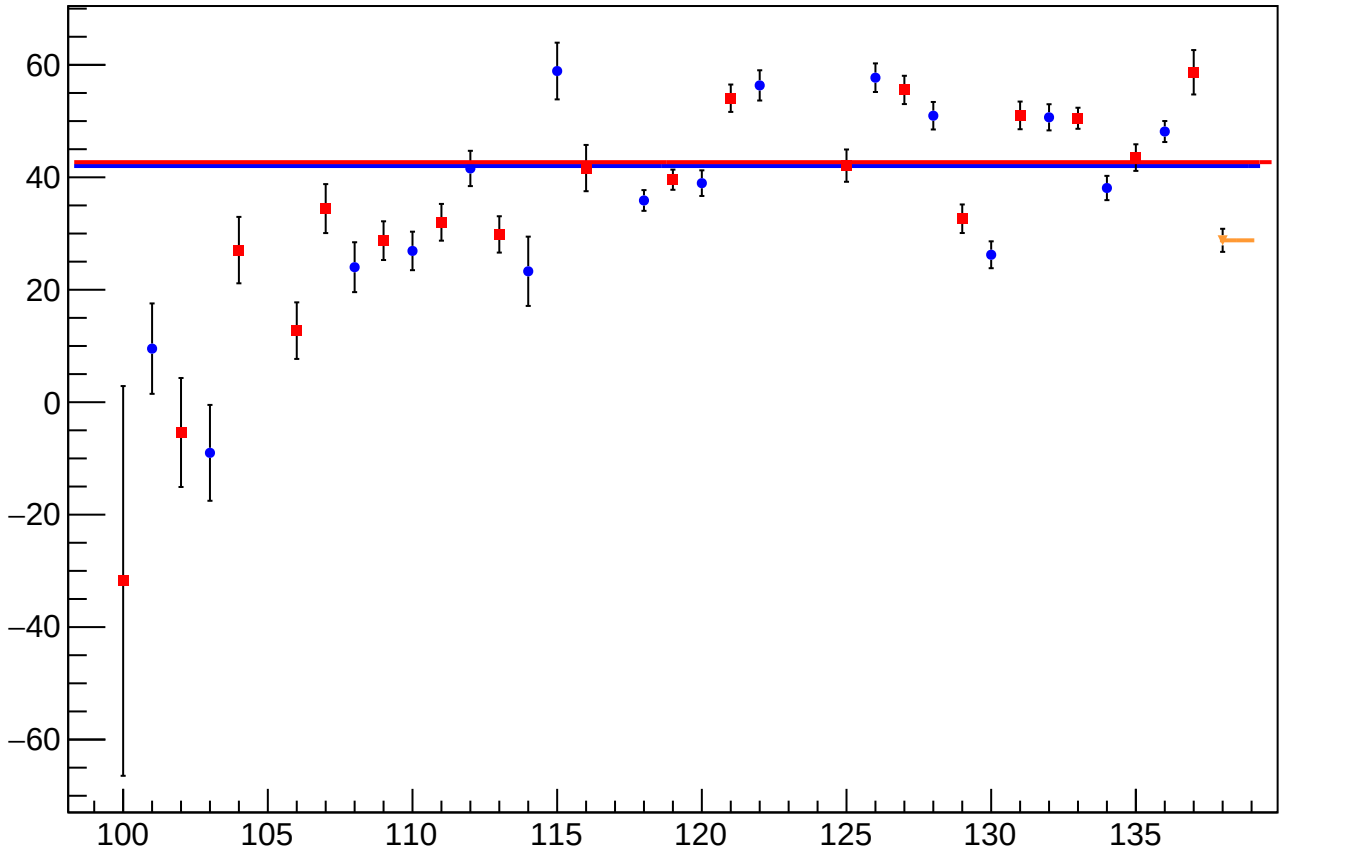
Right Out: 39.587+/-0.685 χ^2/NDF: 754.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 41.911+/-0.635 χ^2/NDF: 606.2/16

All: 40.837+/-0.466 χ^2/NDF: 1366.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 42.006+/-0.684 χ^2/NDF: 272.7/15

Left Out: 28.791+/-2.052 χ^2/NDF:0.0/0

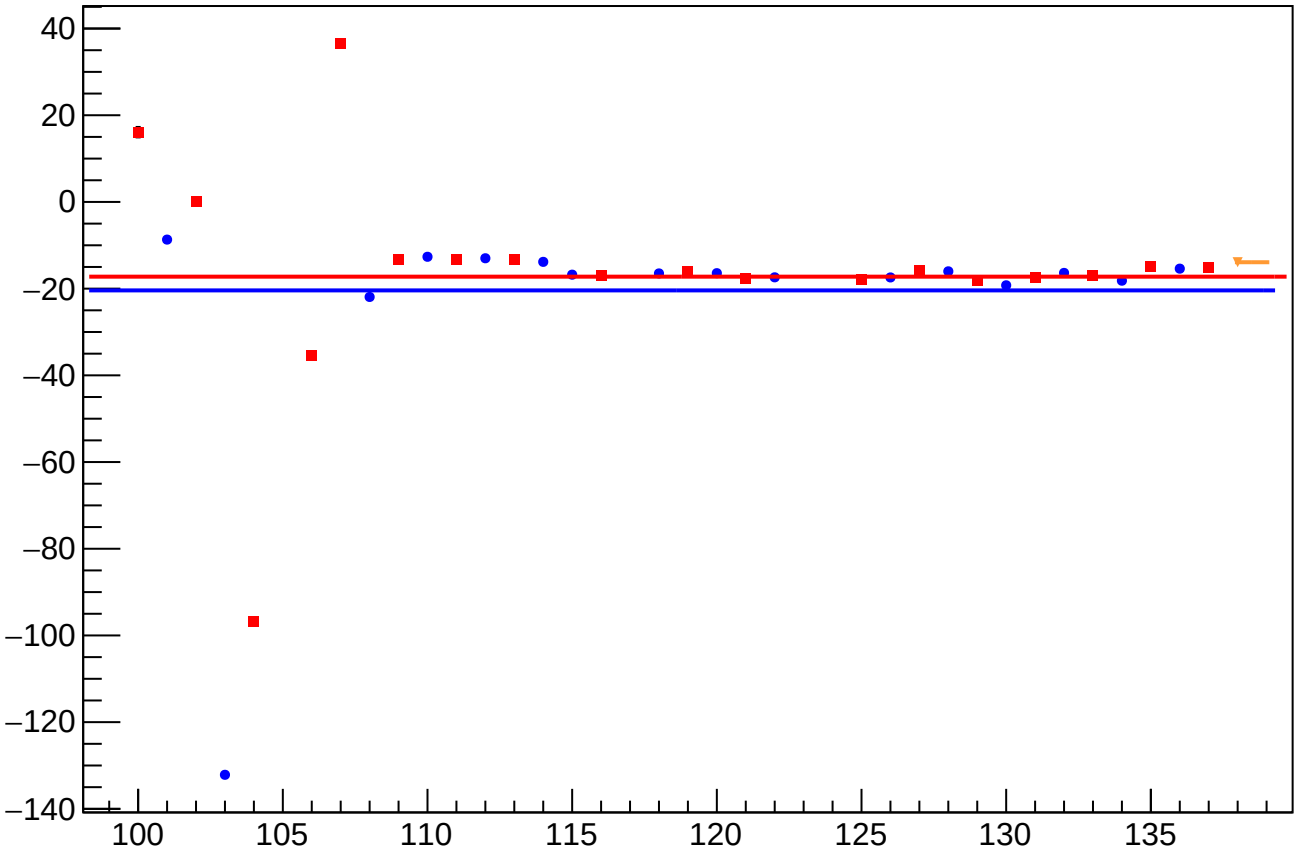
Right Out: 42.696+/-0.695 χ^2/NDF: 230.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 40.686+/-0.649 χ^2/NDF: 310.0/16

All: 41.622+/-0.474 χ^2/NDF: 544.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -20.405+/-0.042 χ^2/NDF: 245611.9/15

Left Out: -13.909+/-0.071 χ^2/NDF:0.0/0

Right Out: -17.236+/-0.044 χ^2/NDF: 204657.3/17

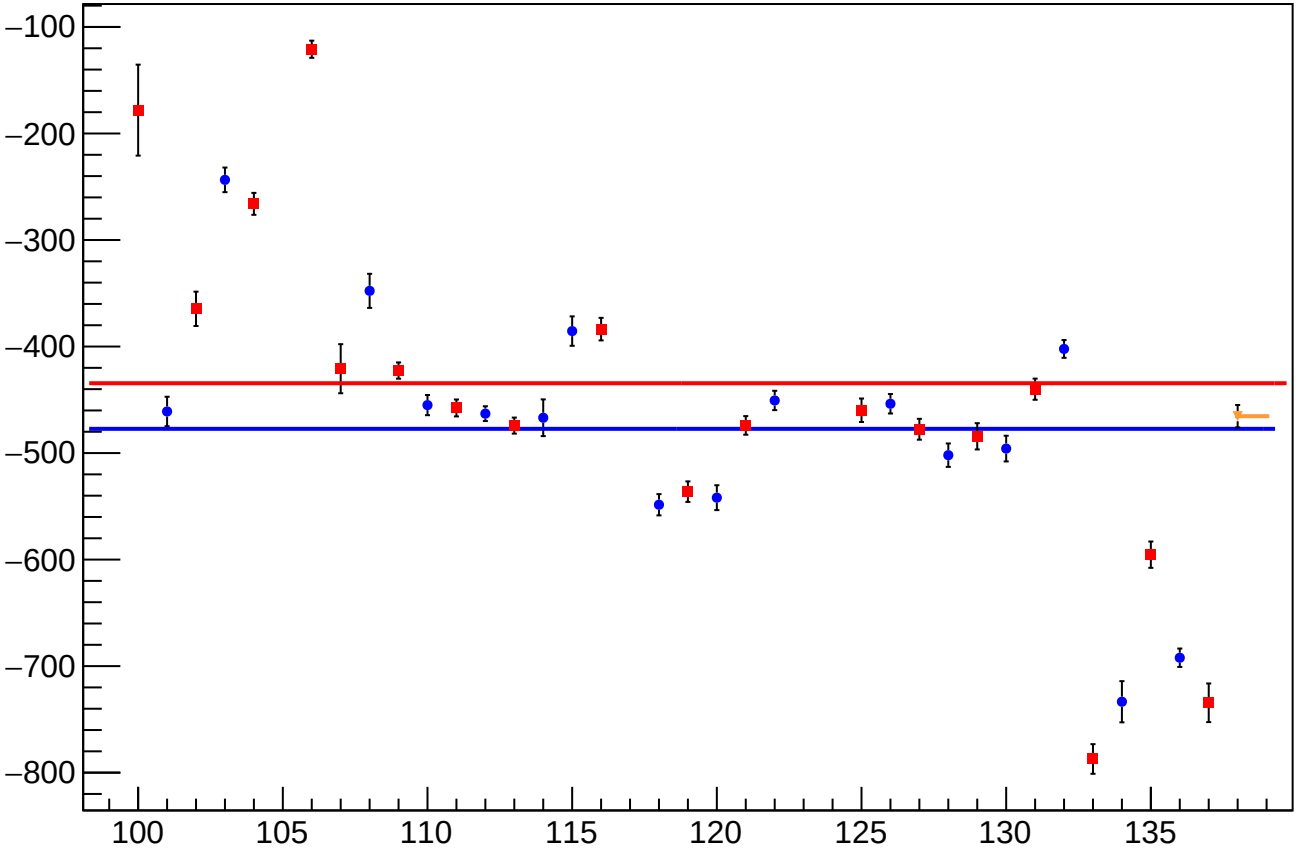
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -18.727+/-0.036 χ^2/NDF: 251820.0/16

All: -18.129+/-0.028 χ^2/NDF: 457161.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -477.255+/-2.633 χ^2/NDF: 1510.8/15

Left Out: -465.390+/-10.519 χ^2/NDF:0.0/0

Right Out: -434.437+/-2.464 χ^2/NDF: 3161.9/17

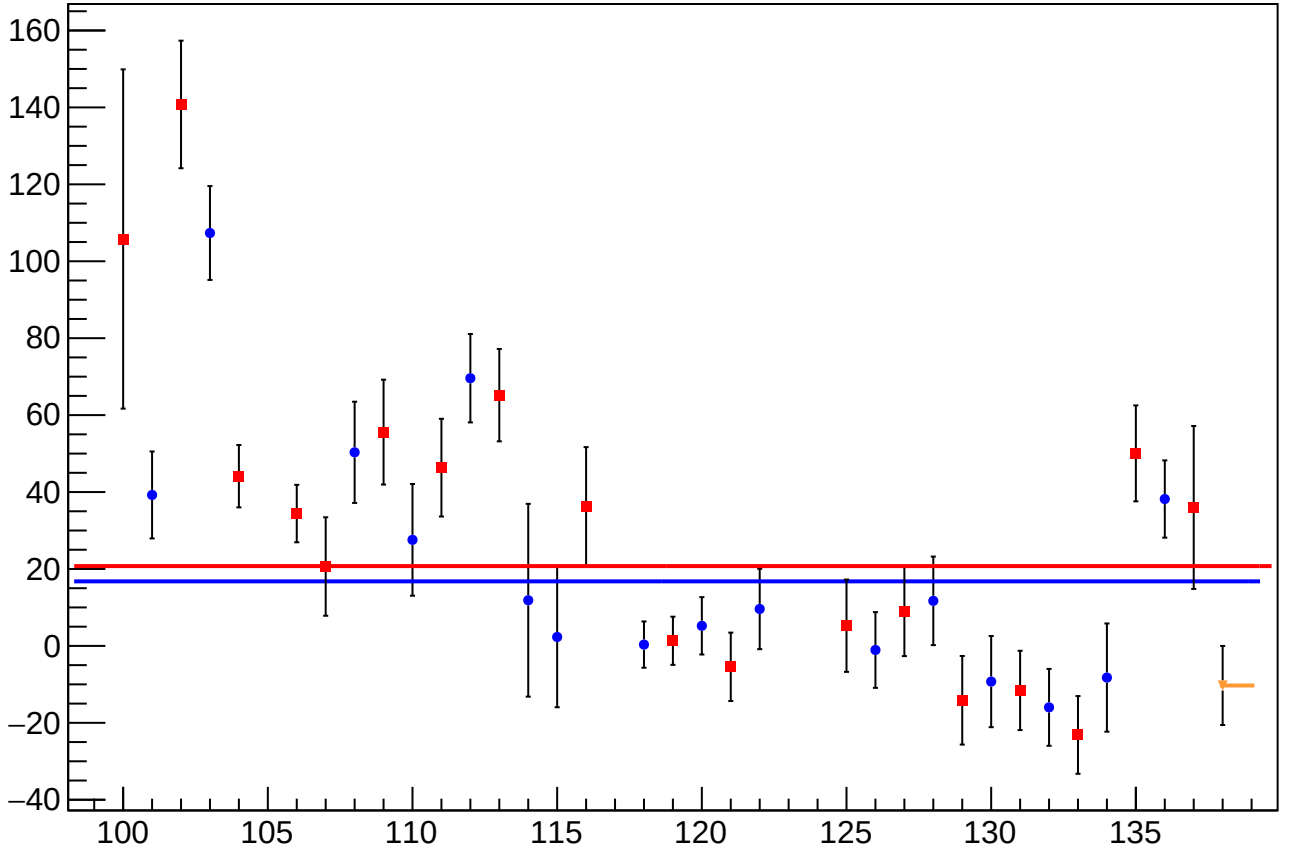
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -476.555+/-2.554 χ^2/NDF: 1512.0/16

All: -454.737+/-1.773 χ^2/NDF: 4814.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 16.780+/-2.654 χ^2/NDF: 125.0/15

Left Out: -10.289+/-10.279 χ^2/NDF:0.0/0

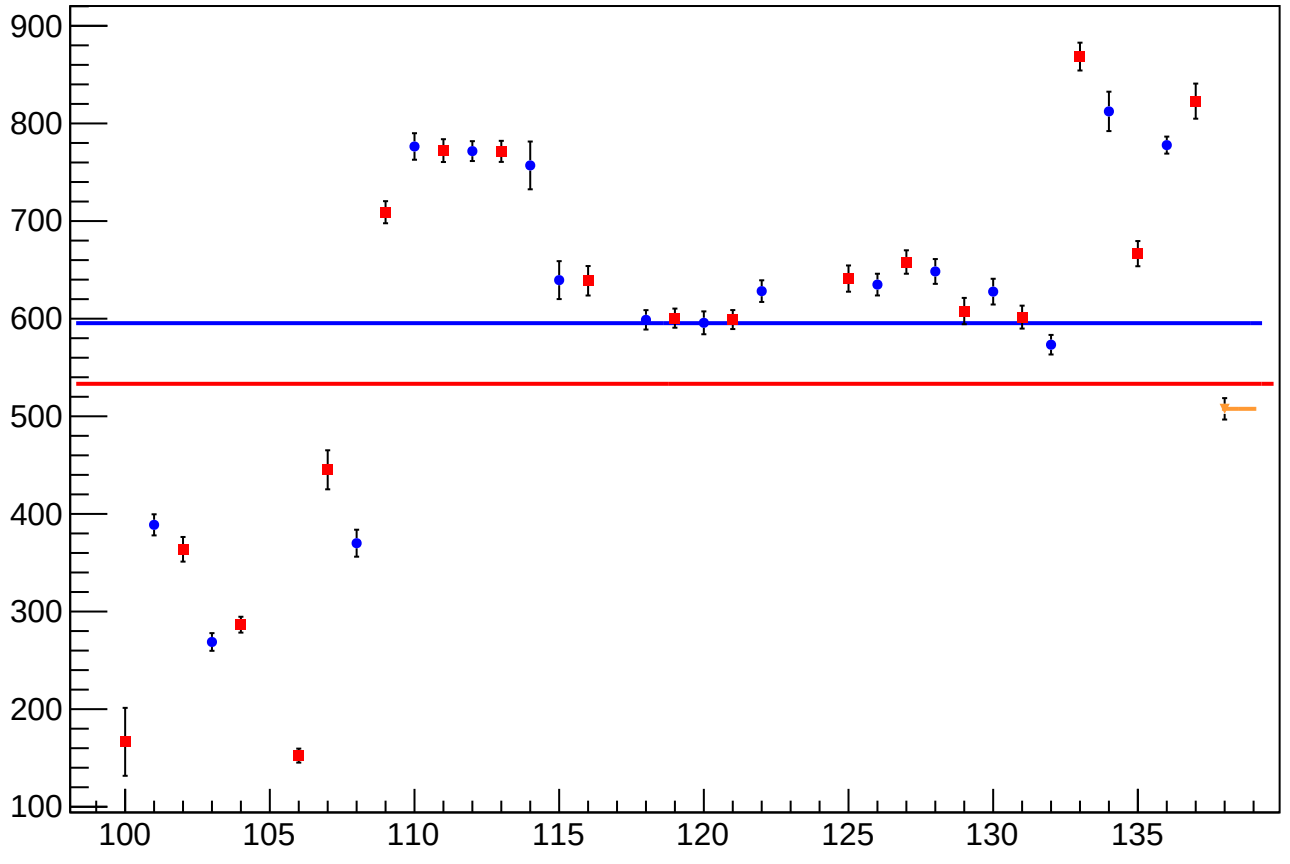
Right Out: 20.749+/-2.548 χ^2/NDF: 157.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 15.088+/-2.570 χ^2/NDF: 131.5/16

All: 17.942+/-1.810 χ^2/NDF: 291.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 595.406+/-2.930 χ^2/NDF: 3059.7/15

Left Out: 507.656+/-10.974 χ^2/NDF:0.0/0

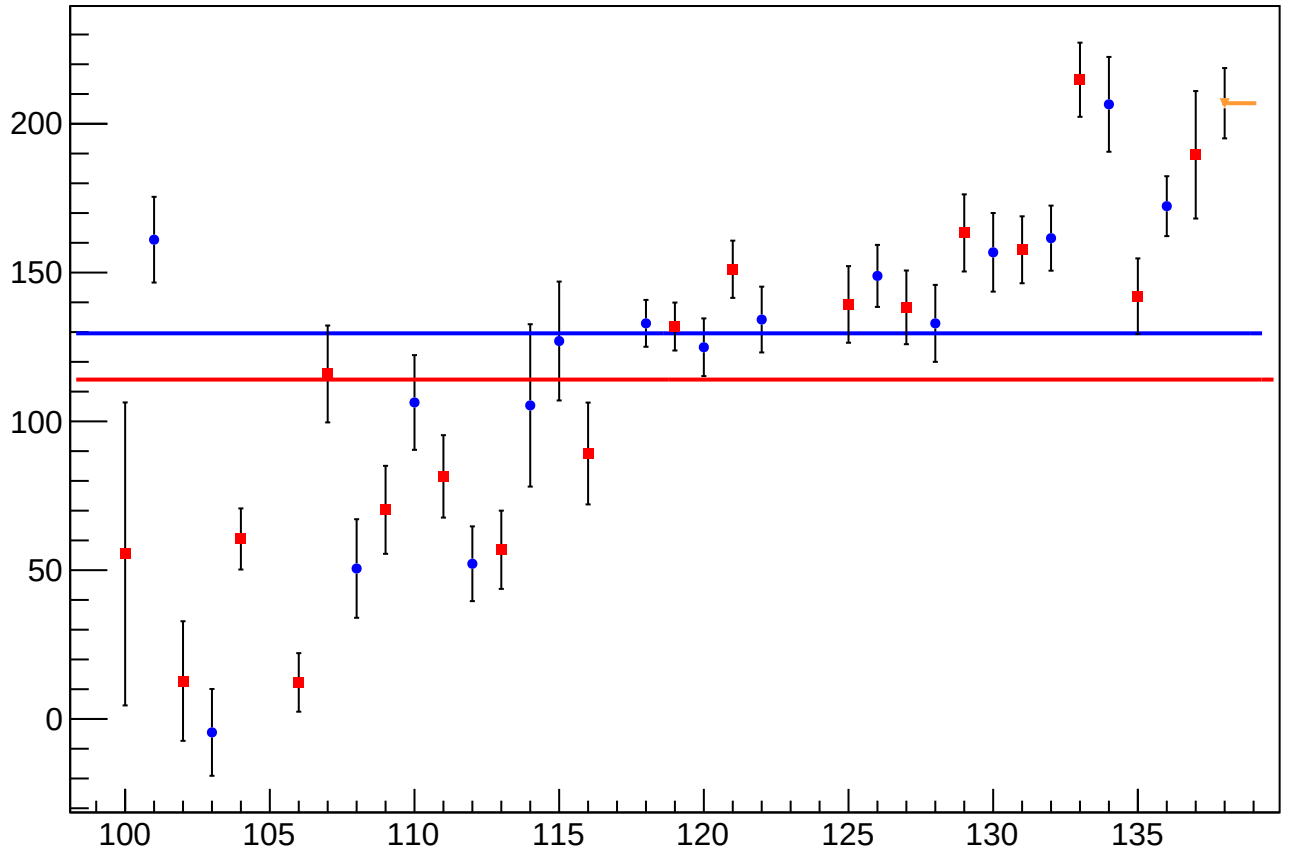
Right Out: 533.283+/-2.746 χ^2/NDF: 6502.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 589.568+/-2.830 χ^2/NDF: 3119.4/16

All: 560.573+/-1.971 χ^2/NDF: 9826.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 129.586+/-3.081 χ^2/NDF: 211.2/15

Left Out: 206.912+/-11.814 χ^2/NDF:0.0/0

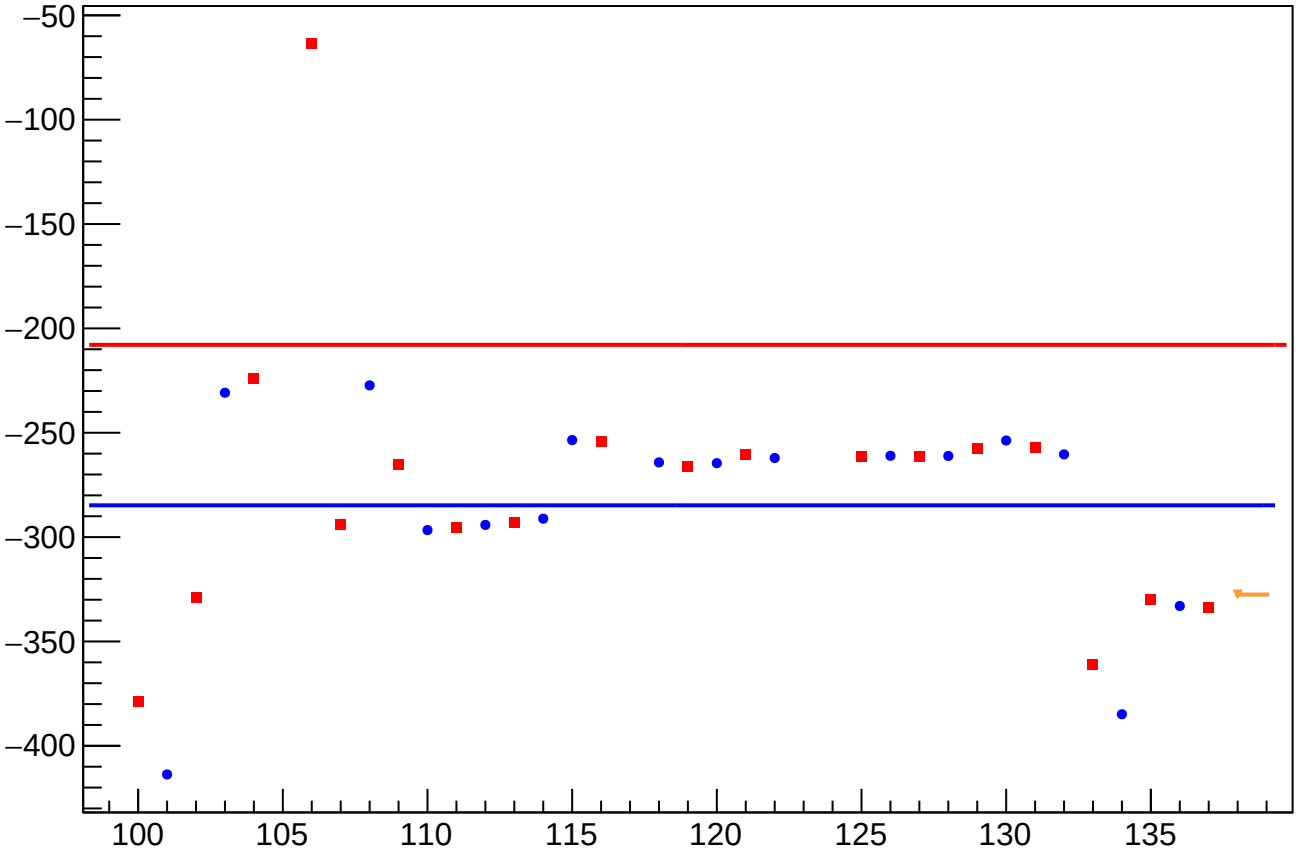
Right Out: 114.048+/-2.976 χ^2/NDF: 335.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 134.509+/-2.981 χ^2/NDF: 251.4/16

All: 124.261+/-2.106 χ^2/NDF: 610.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -284.765+/-0.178 χ^2/NDF: 104370.4/15

Left Out: -327.532+/-0.442 χ^2/NDF:0.0/0

Right Out: -207.875+/-0.149 χ^2/NDF: 536707.7/17

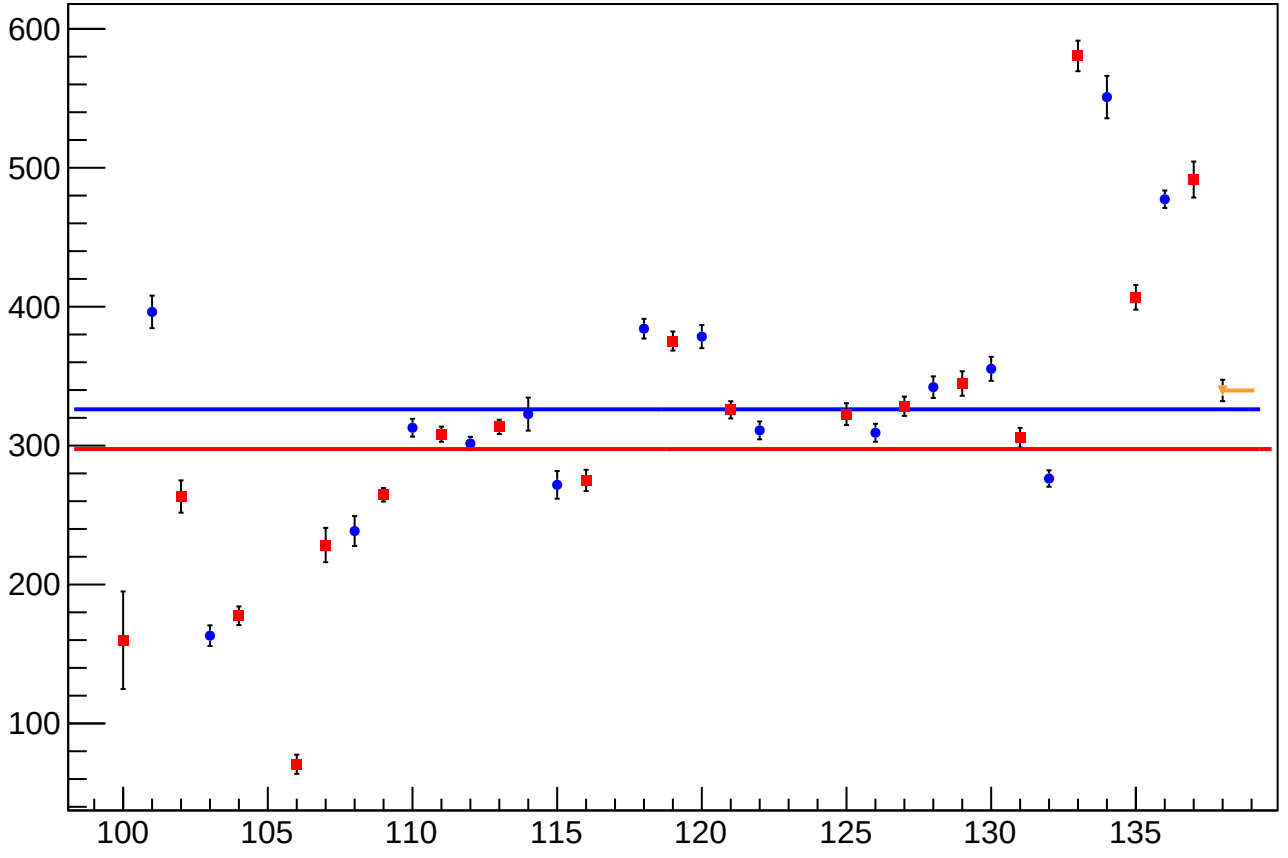
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -290.703+/-0.165 χ^2/NDF: 112426.7/16

All: -245.094+/-0.110 χ^2/NDF: 788289.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 326.133+/-1.857 χ^2/NDF: 1642.9/15

Left Out: 339.708+/-7.727 χ^2/NDF:0.0/0

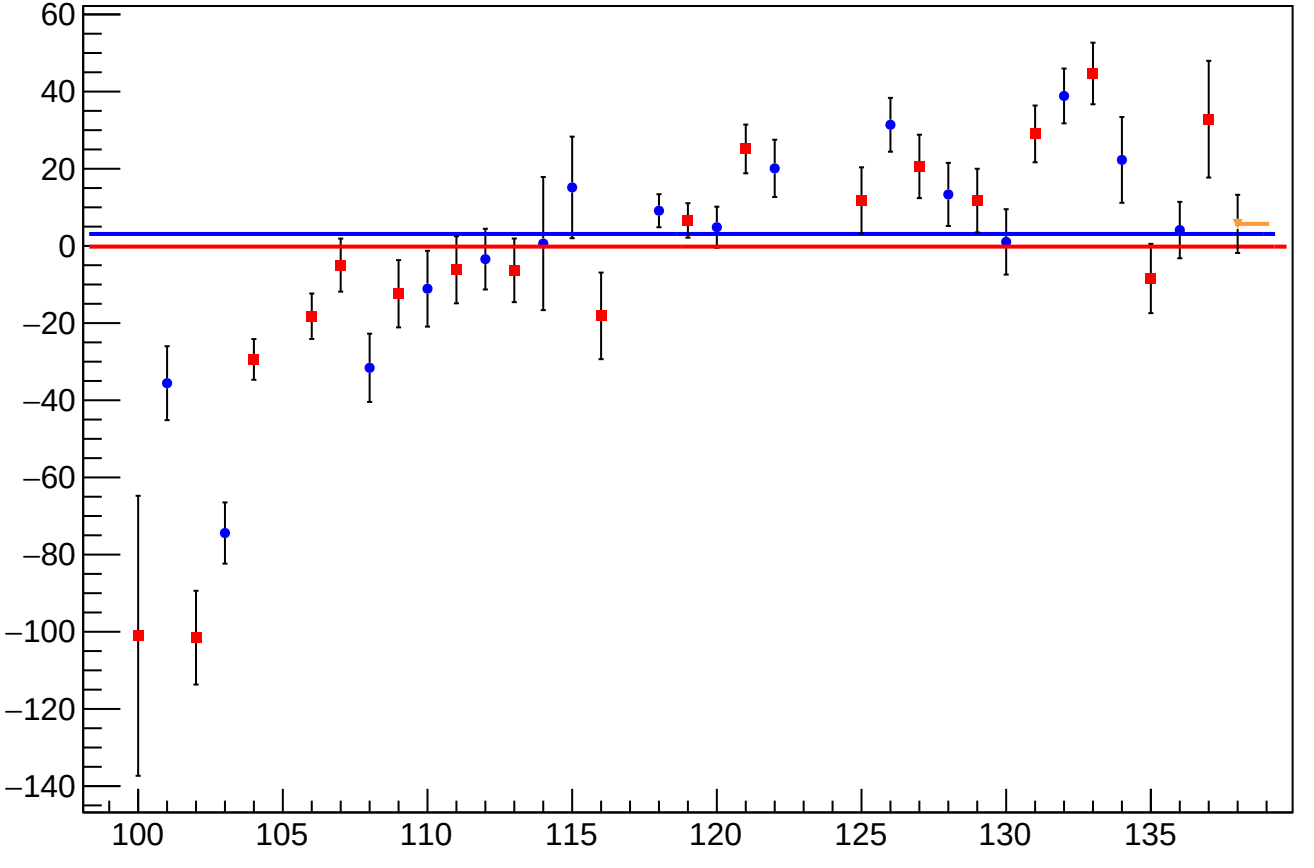
Right Out: 297.538+/-1.735 χ^2/NDF: 2775.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 326.874+/-1.805 χ^2/NDF: 1645.8/16

All: 311.620+/-1.251 χ^2/NDF: 4558.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 3.101+/-1.892 χ^2/NDF: 184.5/15

Left Out: 5.714+/-7.539 χ^2/NDF:0.0/0

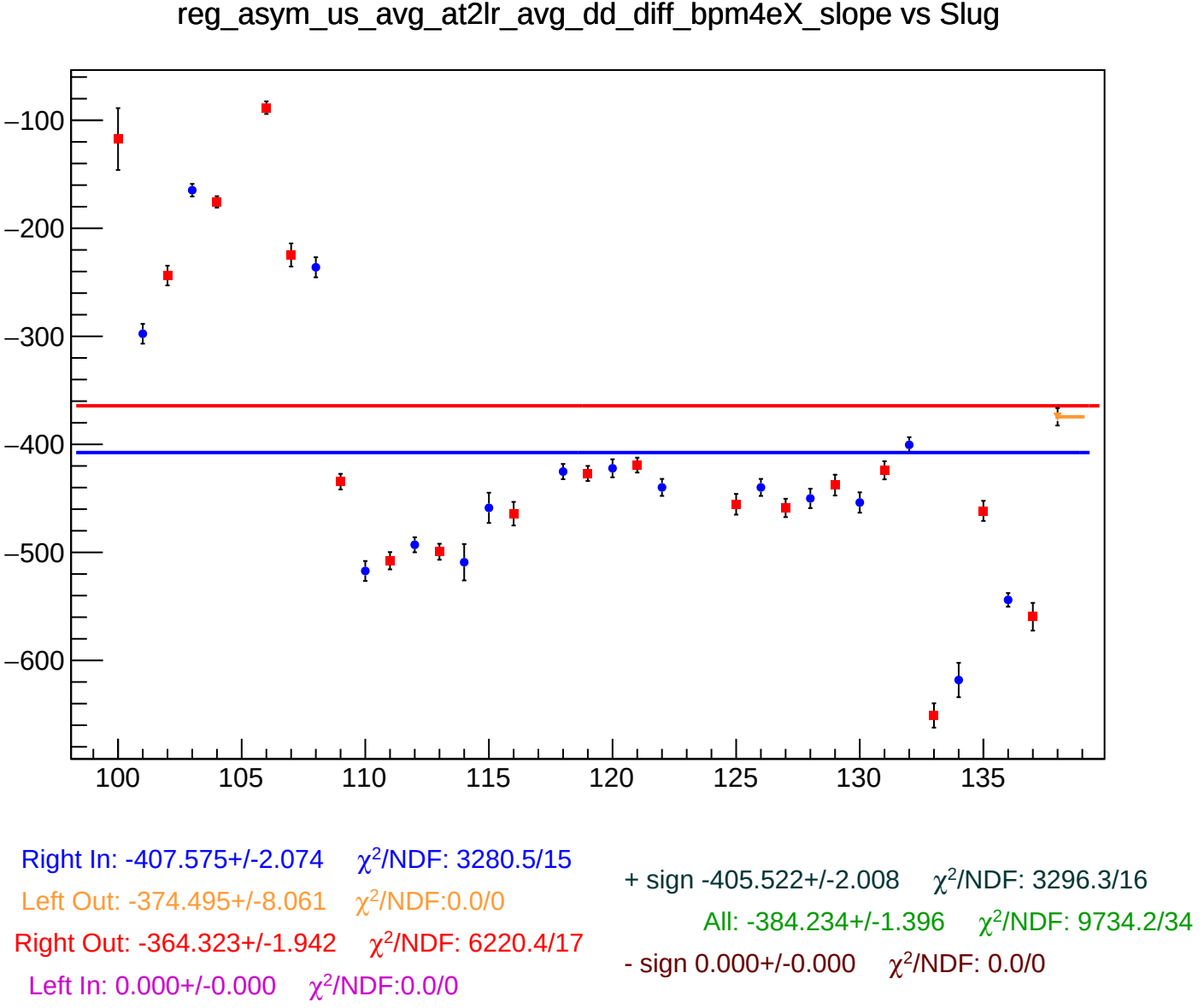
Right Out: -0.180+/-1.791 χ^2/NDF: 205.2/17

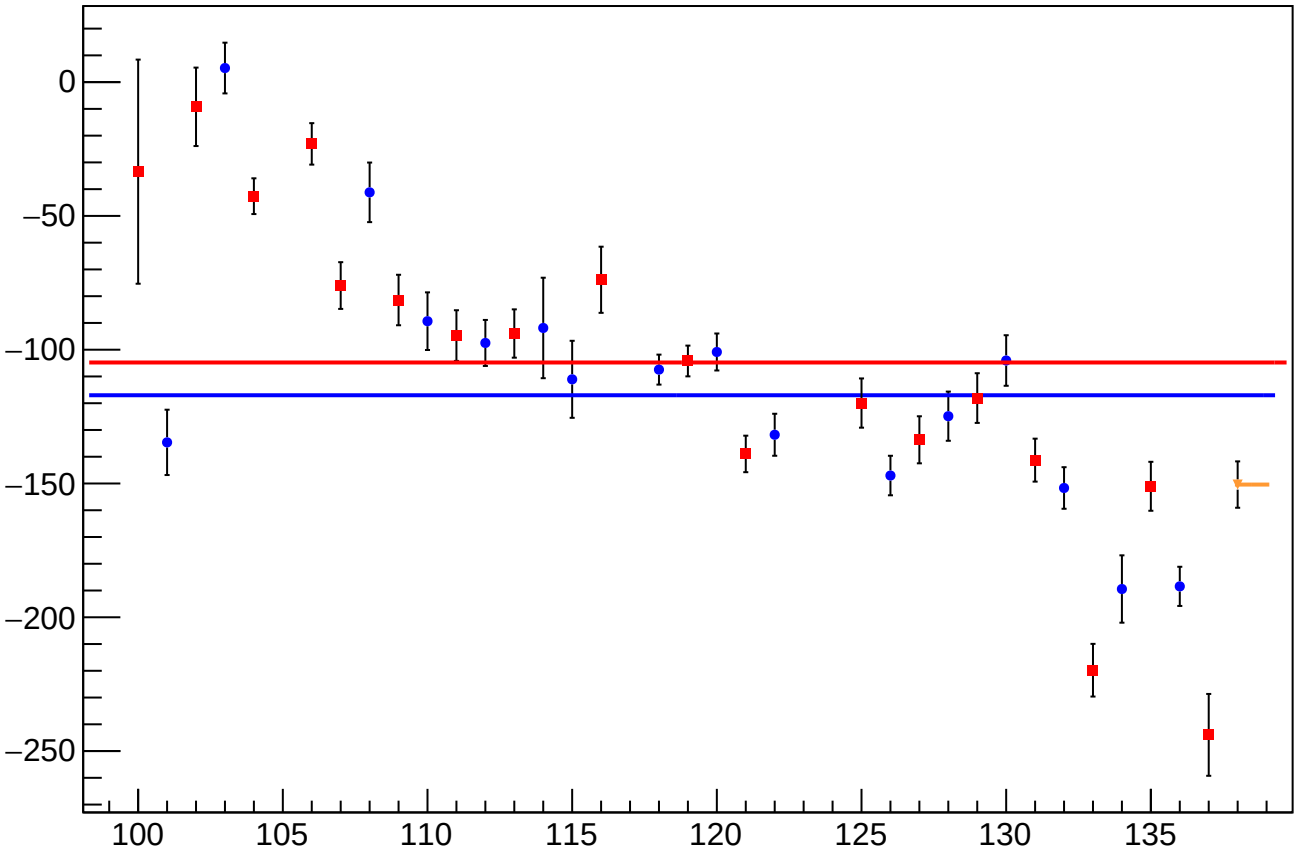
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.256+/-1.835 χ^2/NDF: 184.7/16

All: 1.496+/-1.282 χ^2/NDF: 391.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug
−100
−200
−300
−400
−500
−600
100
105
110
115
120
125
130
135
Right In: -407.575+/-2.074 χ²/NDF: 3280.5/15
Left Out: -374.495+/-8.061 χ²/NDF:0.0/0
Right Out: -364.323+/-1.942 χ²/NDF: 6220.4/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -405.522+/-2.008 χ²/NDF: 3296.3/16
All: -384.234+/-1.396 χ²/NDF: 9734.2/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -117.021+/-2.194 χ^2/NDF: 407.8/15

Left Out: -150.403+/-8.667 χ^2/NDF:0.0/0

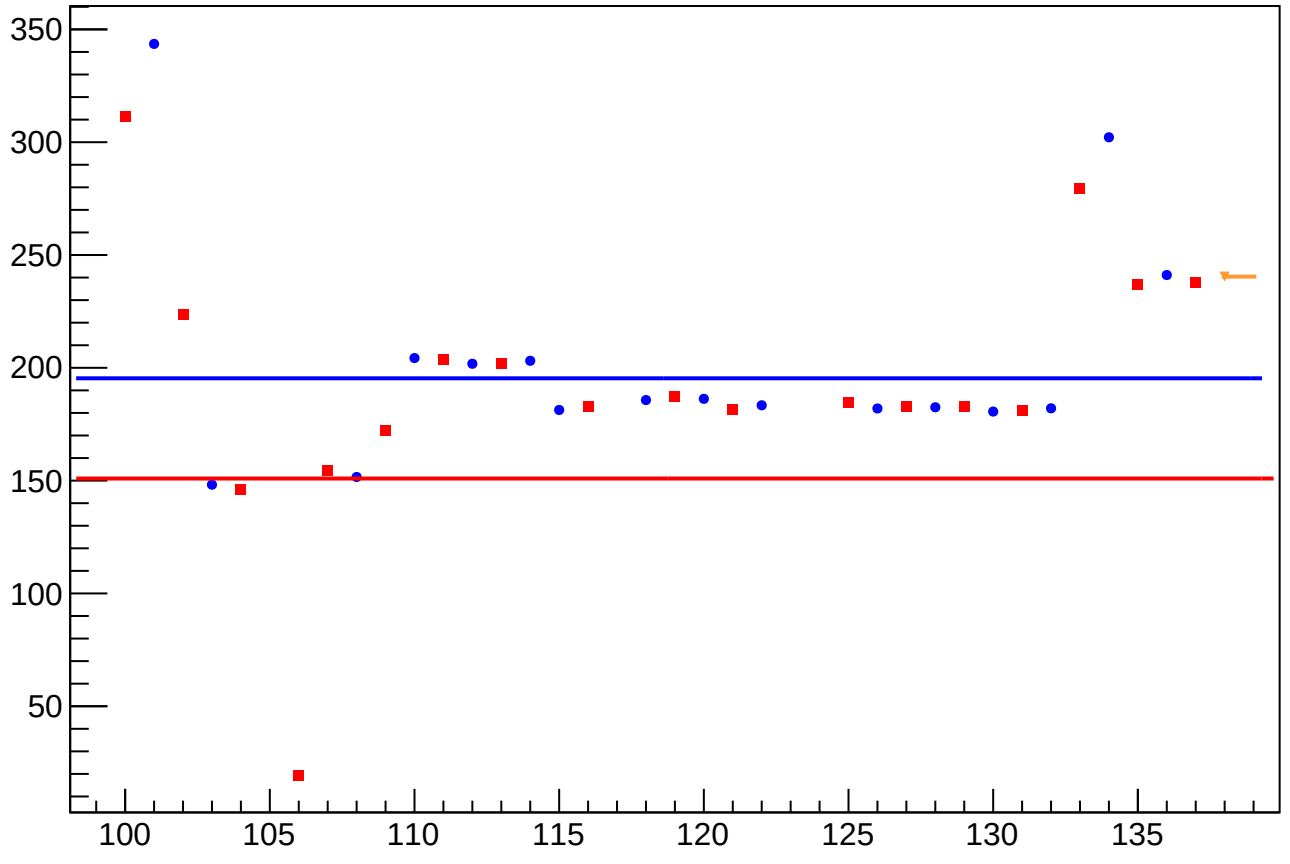
Right Out: -104.780+/-2.091 χ^2/NDF: 575.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -119.032+/-2.127 χ^2/NDF: 421.8/16

All: -111.782+/-1.491 χ^2/NDF: 1019.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 195.351+/-0.125 χ^2/NDF: 176975.5/15

Left Out: 240.410+/-0.325 χ^2/NDF:0.0/0

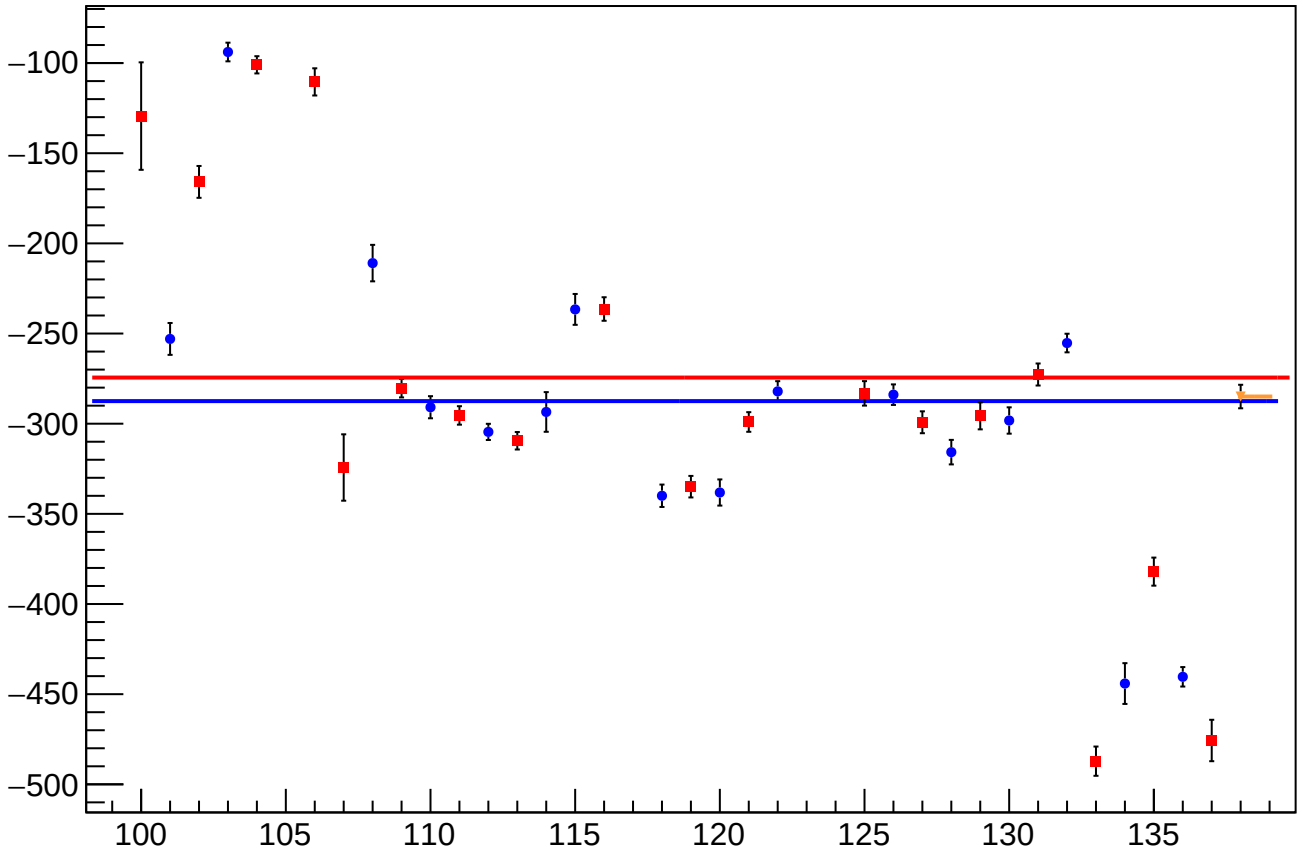
Right Out: 150.932+/-0.110 χ^2/NDF: 499233.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 201.128+/-0.116 χ^2/NDF: 193733.4/16

All: 174.658+/-0.080 χ^2/NDF: 791090.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -287.476+/-1.611 χ^2/NDF: 2696.5/15

Left Out: -284.940+/-6.521 χ^2/NDF:0.0/0

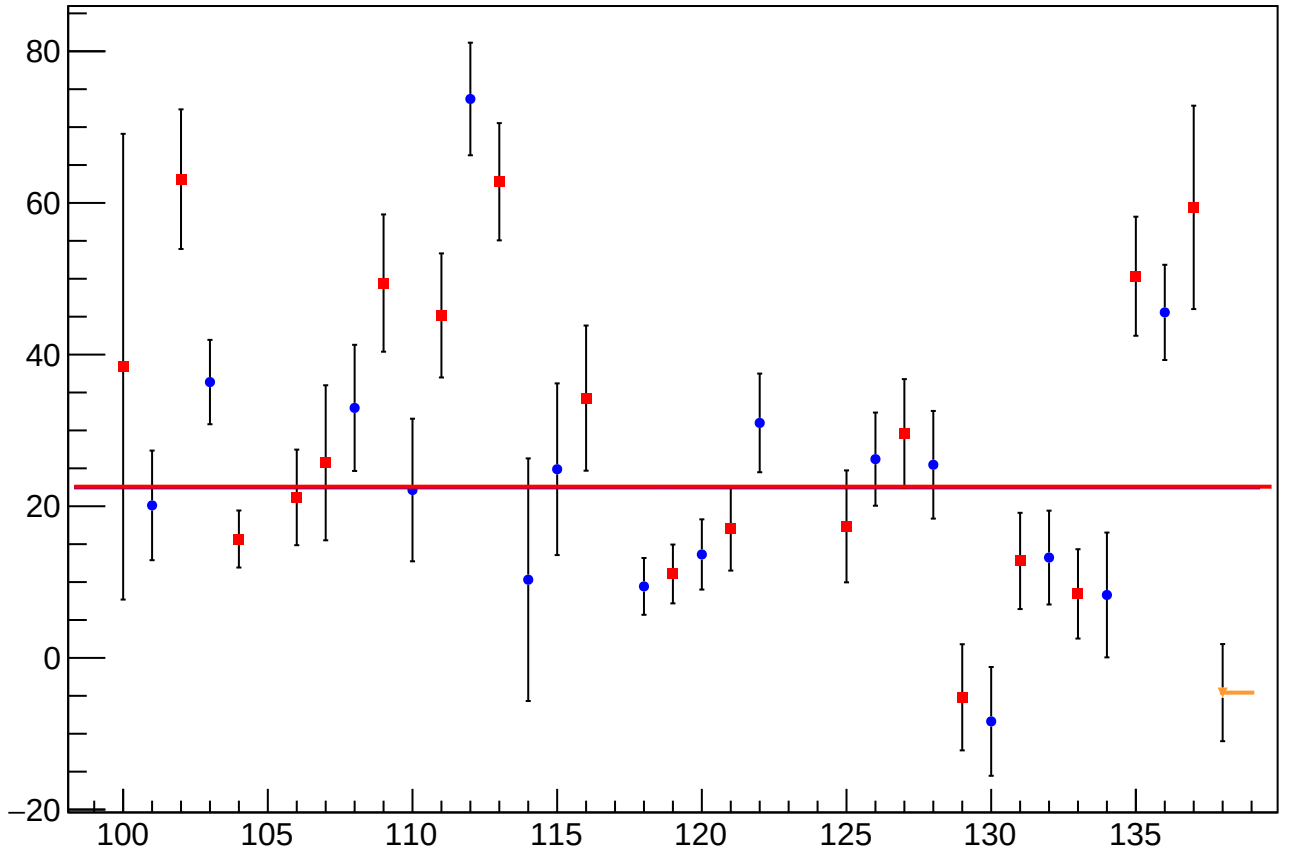
Right Out: -274.417+/-1.551 χ^2/NDF: 3413.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -287.330+/-1.564 χ^2/NDF: 2696.6/16

All: -280.820+/-1.101 χ^2/NDF: 6144.4/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 22.492+/-1.621 χ^2/NDF: 111.4/15

Left Out: -4.580+/-6.403 χ^2/NDF:0.0/0

Right Out: 22.580+/-1.570 χ^2/NDF: 123.3/17

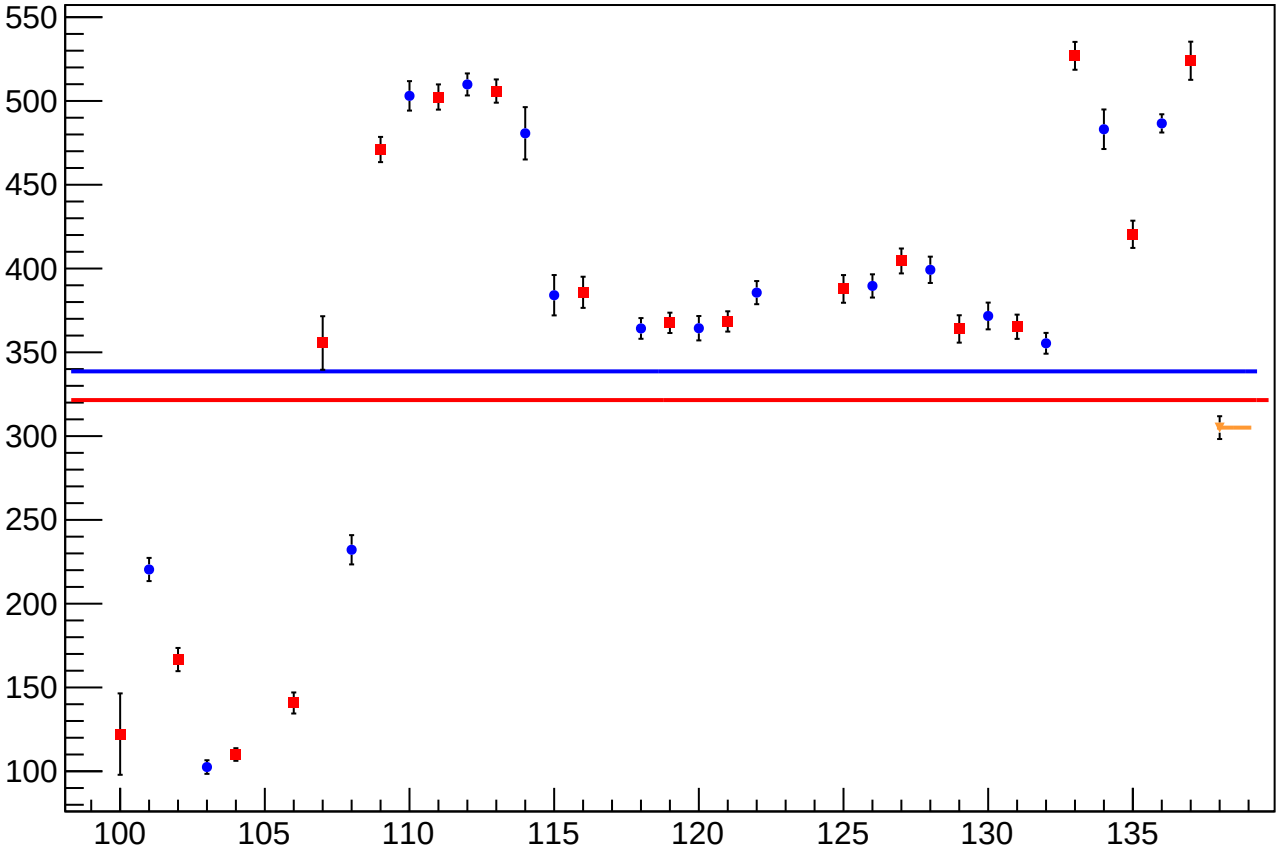
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign 20.862+/-1.571 χ^2/NDF: 128.2/16

All: 21.722+/-1.110 χ^2/NDF: 252.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 338.633+/-1.748 χ^2/NDF: 6042.6/15

Left Out: 305.063+/-6.803 χ^2/NDF:0.0/0

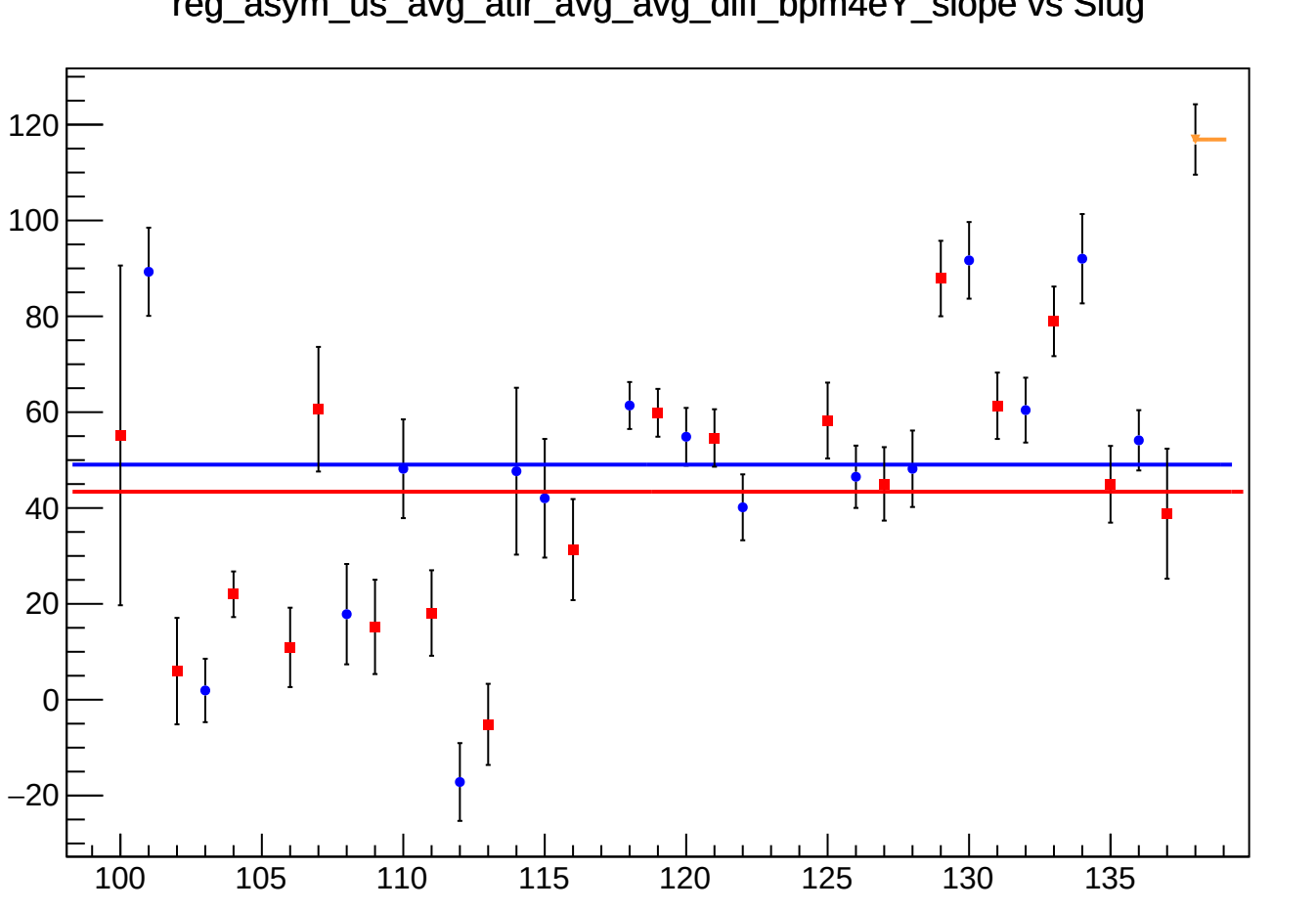
Right Out: 321.500+/-1.694 χ^2/NDF: 7720.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 336.553+/-1.693 χ^2/NDF: 6065.5/16

All: 329.031+/-1.198 χ^2/NDF: 13825.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 49.053+/-1.882 χ^2/NDF: 207.9/15

Left Out: 116.899+/-7.350 χ^2/NDF:0.0/0

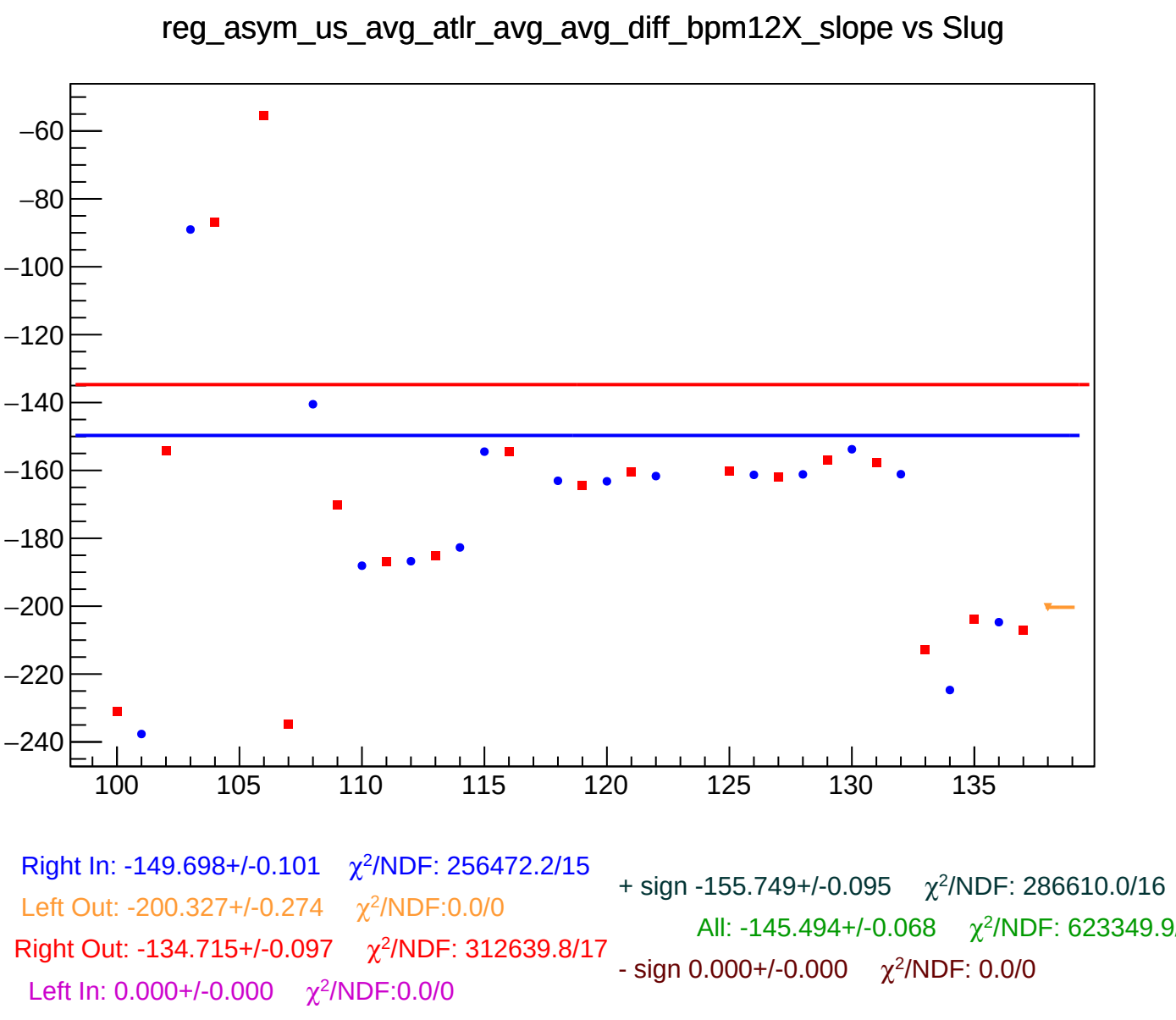
Right Out: 43.392+/-1.834 χ^2/NDF: 180.0/17

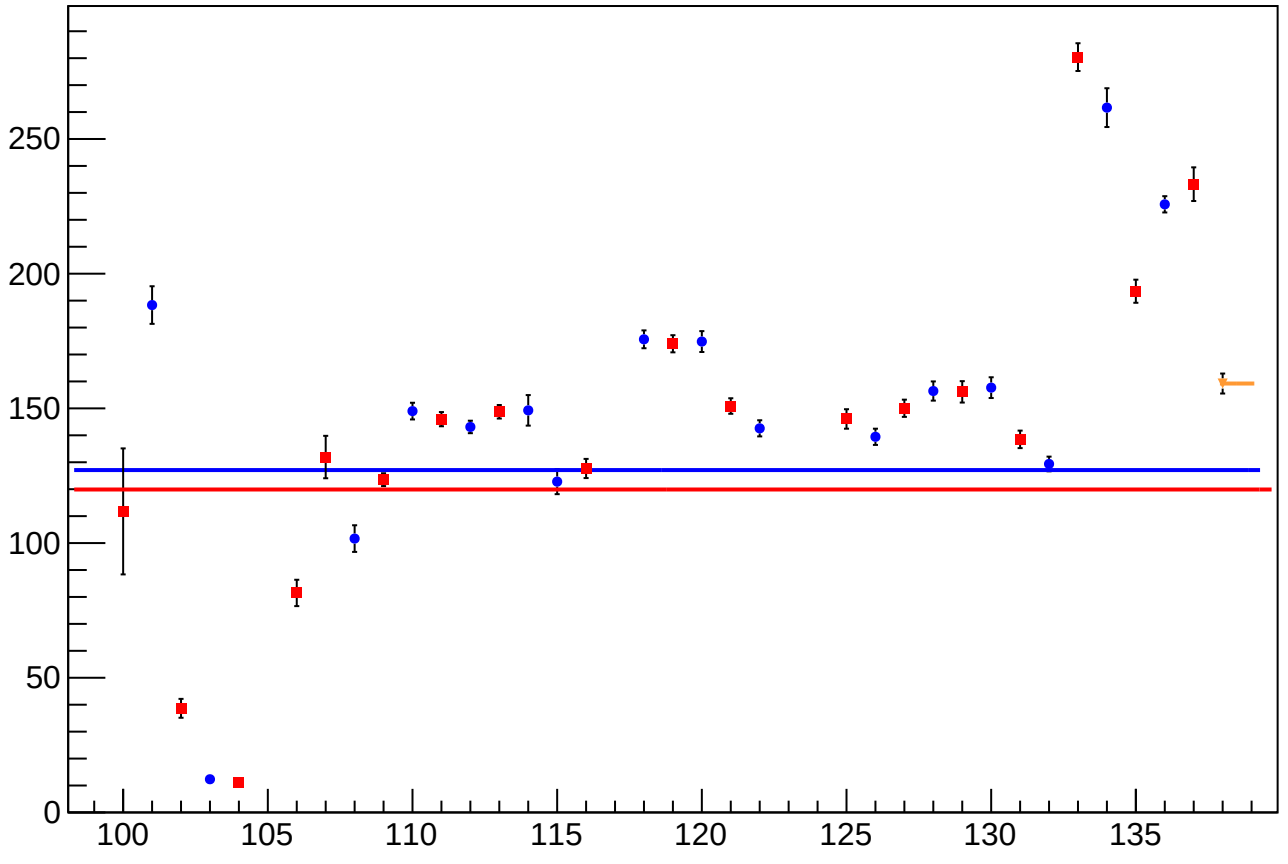
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 53.230+/-1.824 χ^2/NDF: 287.9/16

All: 48.338+/-1.293 χ^2/NDF: 482.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug
−60
−80
−100
−120
−140
−160
−180
−200
−220
−240
100
105
110
115
120
125
130
135
Right In: -149.698+/-0.101 χ²/NDF: 256472.2/15
Left Out: -200.327+/-0.274 χ²/NDF:0.0/0
Right Out: -134.715+/-0.097 χ²/NDF: 312639.8/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -155.749+/-0.095 χ²/NDF: 286610.0/16
All: -145.494+/-0.068 χ²/NDF: 623349.9/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: 127.100+/-0.811 χ^2/NDF: 6163.2/15

Left Out: 159.225+/-3.708 χ^2/NDF:0.0/0

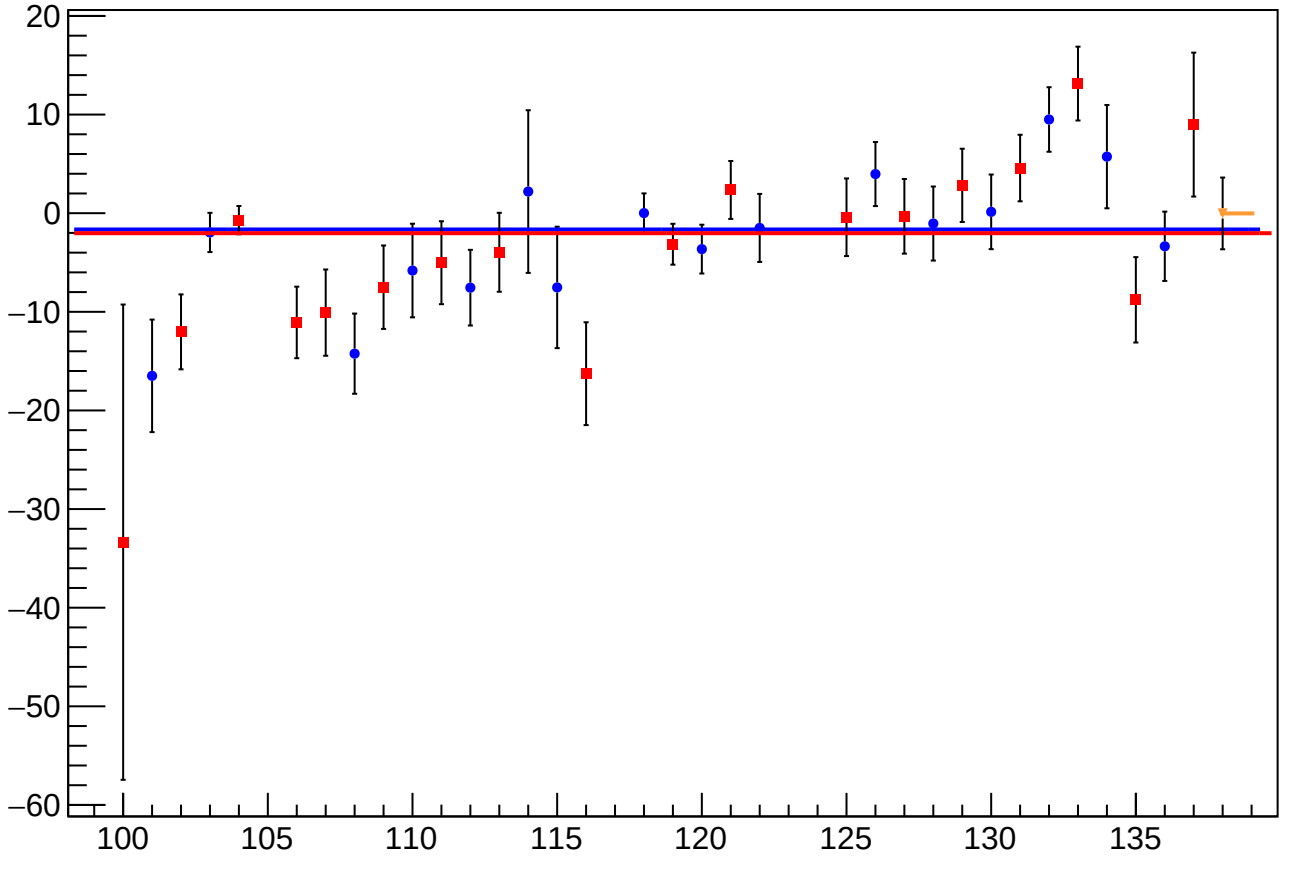
Right Out: 119.886+/-0.774 χ^2/NDF: 6649.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 128.566+/-0.792 χ^2/NDF: 6234.8/16

All: 124.127+/-0.554 χ^2/NDF: 12945.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.651+/-0.833 χ^2/NDF: 39.1/15

Left Out: -0.022+/-3.637 χ^2/NDF:0.0/0

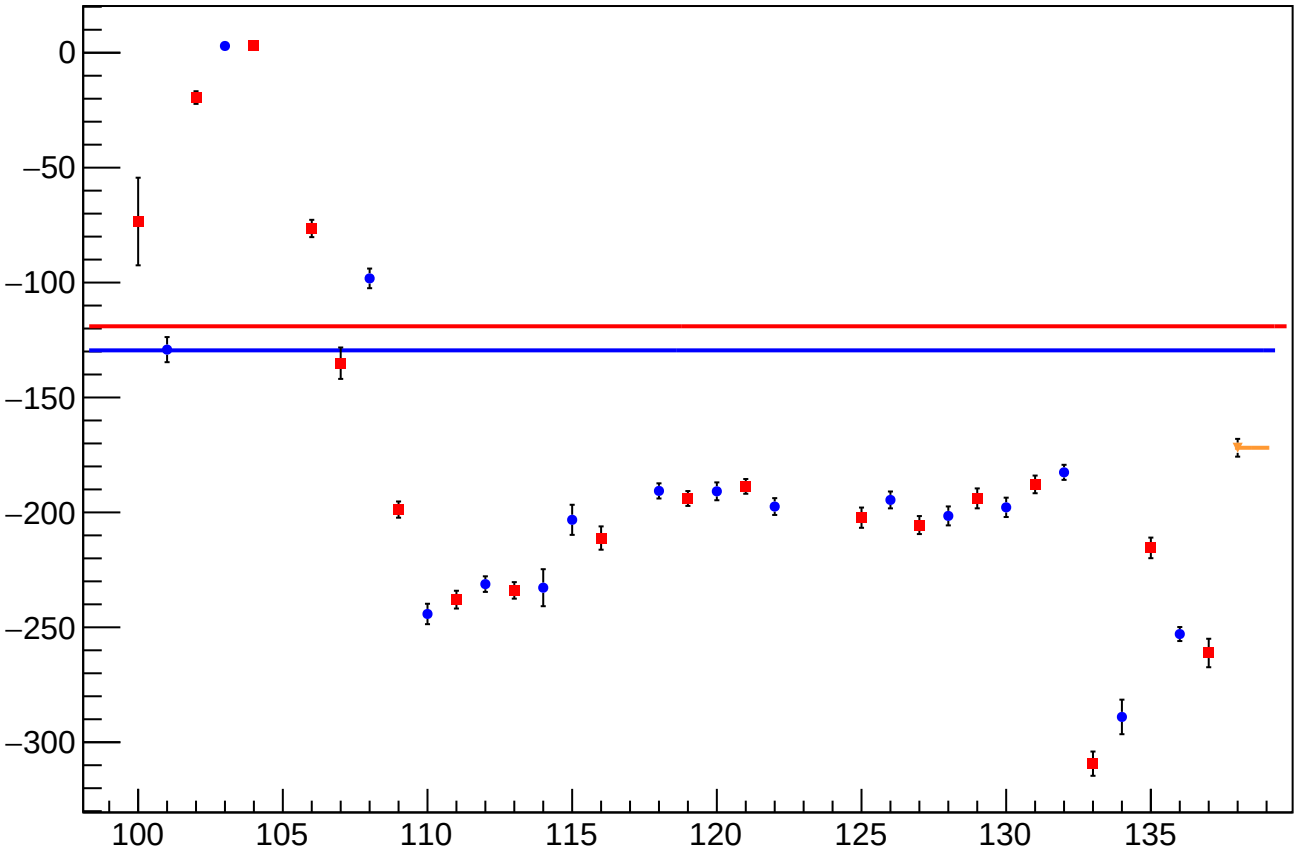
Right Out: -2.027+/-0.770 χ^2/NDF: 58.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.570+/-0.812 χ^2/NDF: 39.3/16

All: -1.811+/-0.559 χ^2/NDF: 98.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -129.497+/-0.846 χ^2/NDF: 14687.9/15

Left Out: -171.878+/-3.868 χ^2/NDF:0.0/0

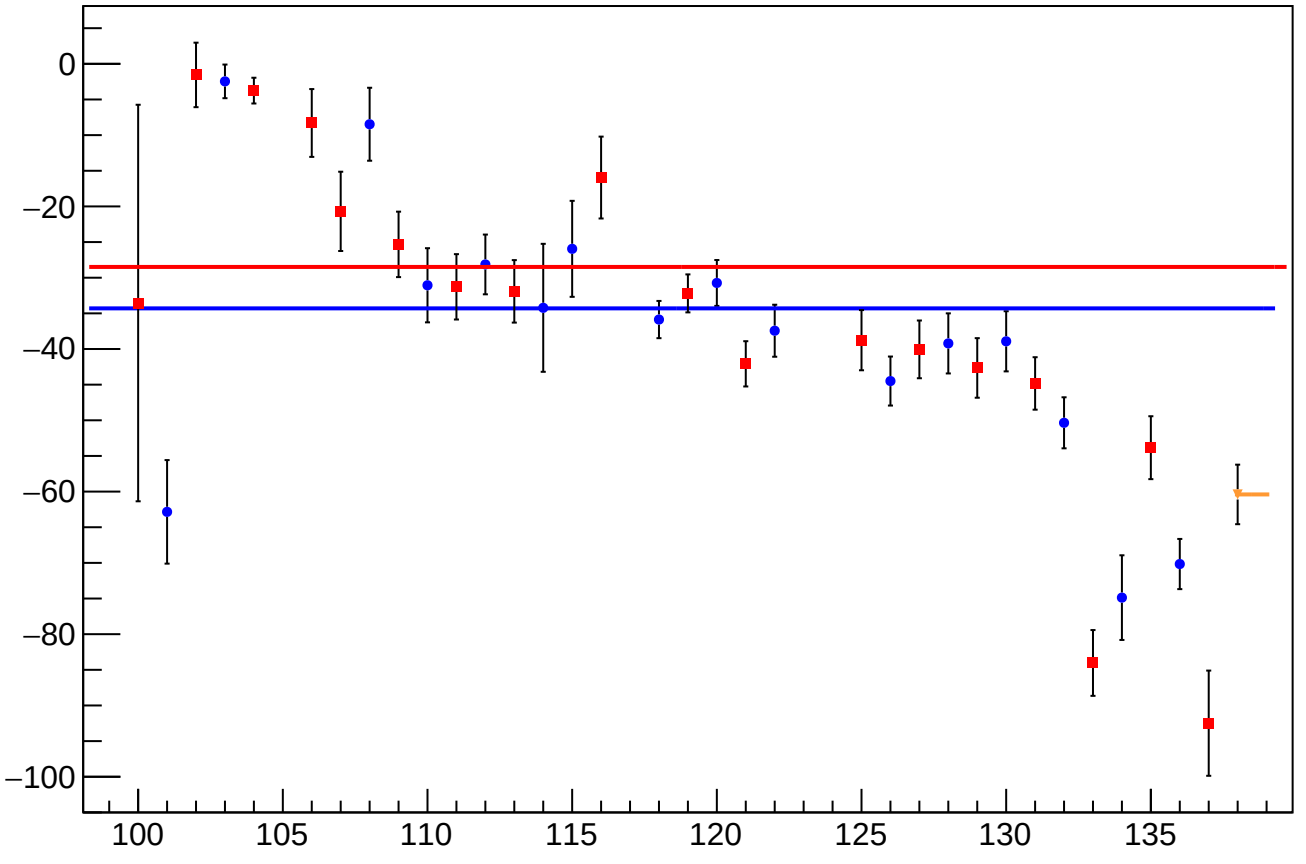
Right Out: -119.022+/-0.813 χ^2/NDF: 16177.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -131.433+/-0.827 χ^2/NDF: 14802.4/16

All: -125.121+/-0.580 χ^2/NDF: 31094.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -34.301+/-0.968 χ^2/NDF: 411.3/15

Left Out: -60.398+/-4.175 χ^2/NDF:0.0/0

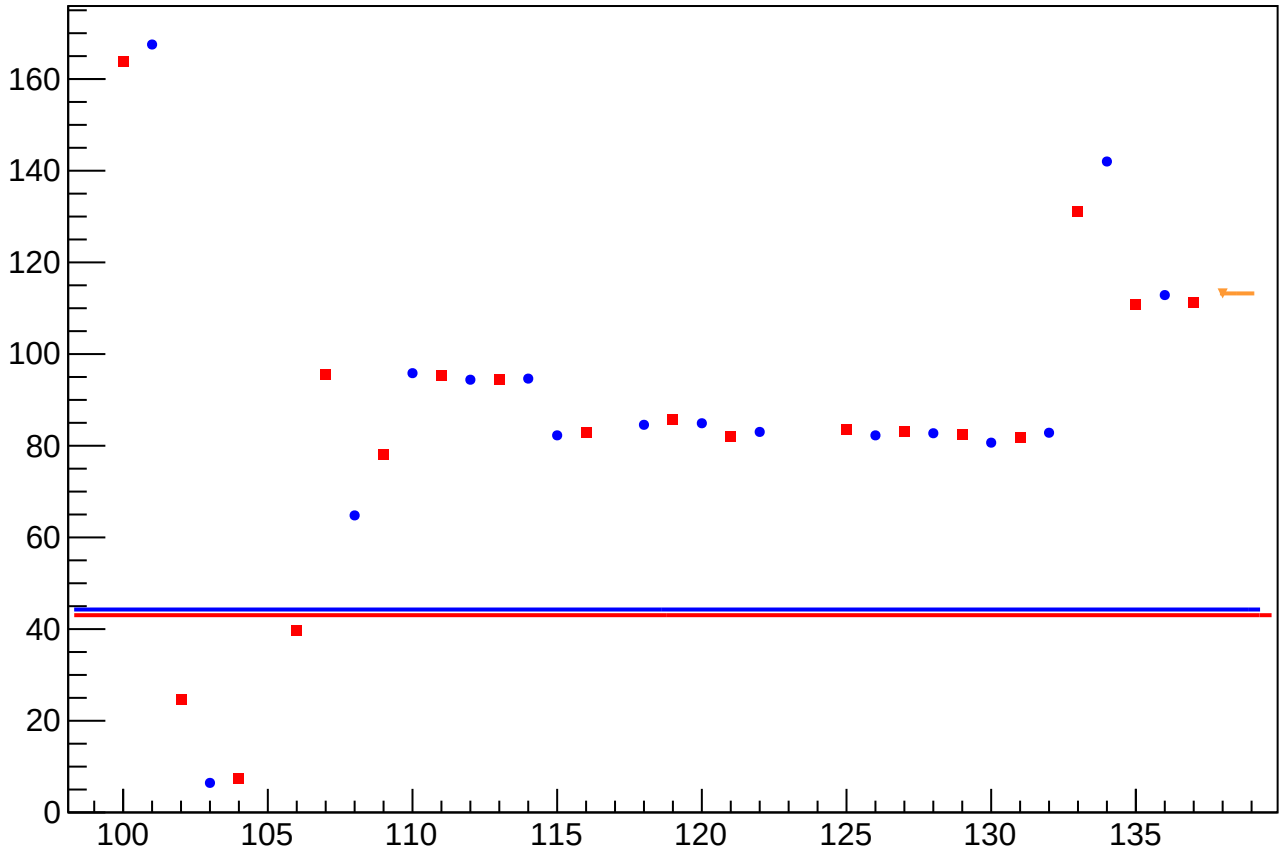
Right Out: -28.488+/-0.907 χ^2/NDF: 568.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -35.631+/-0.943 χ^2/NDF: 448.4/16

All: -31.921+/-0.654 χ^2/NDF: 1046.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 44.274+/-0.045 χ^2/NDF: 1085082.2/15

Left Out: 113.229+/-0.156 χ^2/NDF:0.0/0

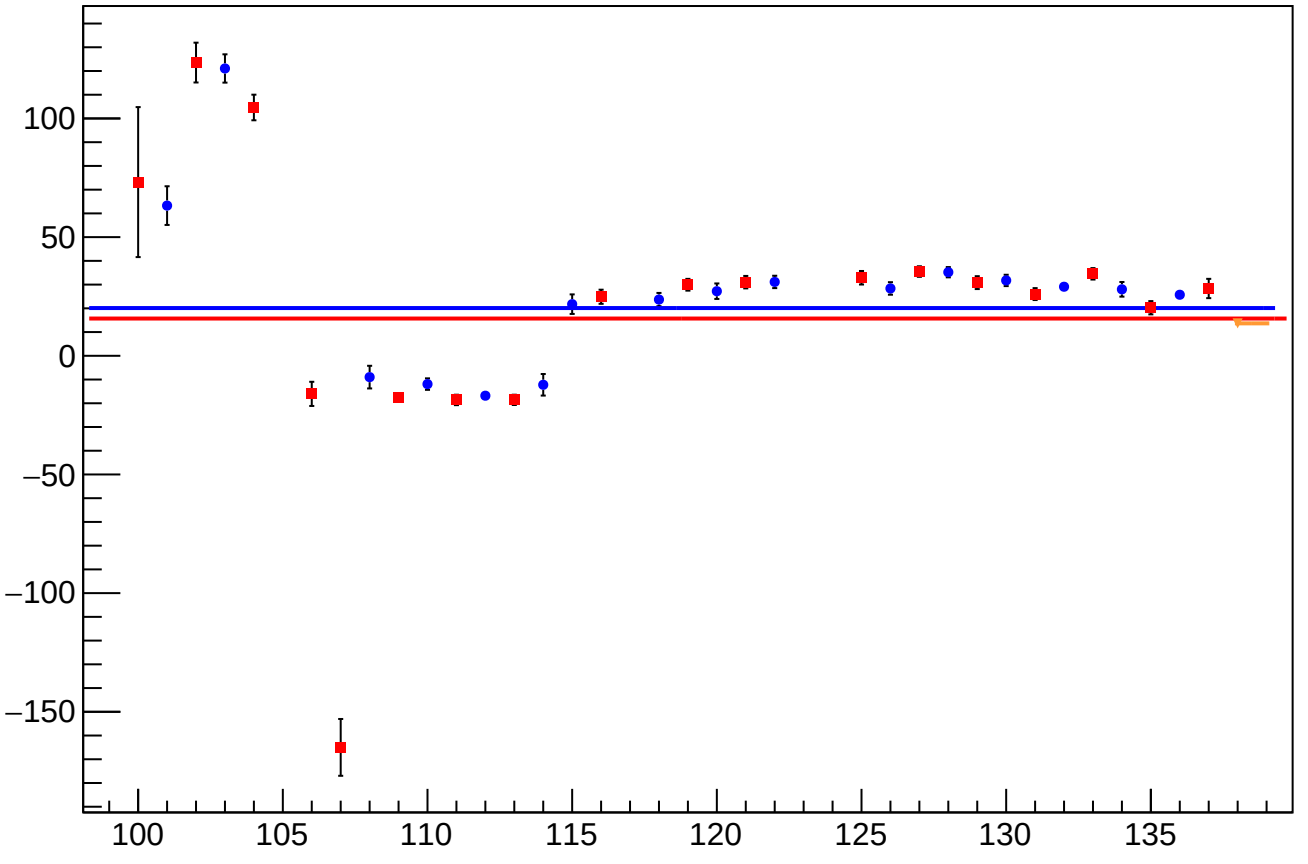
Right Out: 43.035+/-0.045 χ^2/NDF: 805108.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 49.582+/-0.043 χ^2/NDF: 1266283.3/16

All: 46.446+/-0.031 χ^2/NDF: 2082403.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.117+/-0.687 χ^2/NDF: 1048.1/15

Left Out: 13.663+/-2.091 χ^2/NDF:0.0/0

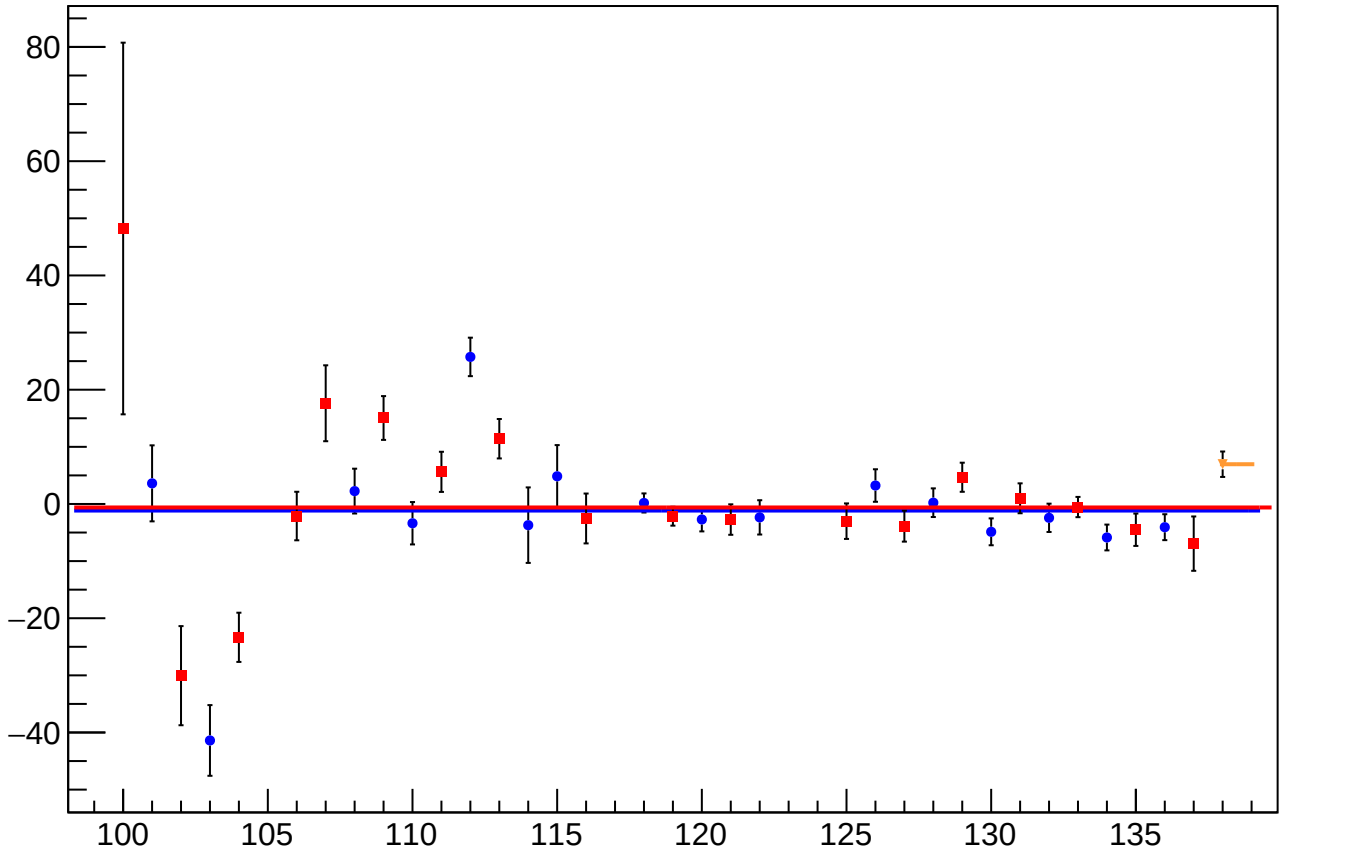
Right Out: 15.700+/-0.682 χ^2/NDF: 1773.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 19.488+/-0.653 χ^2/NDF: 1056.7/16

All: 17.678+/-0.472 χ^2/NDF: 2846.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.151+/-0.699 χ^2/NDF: 121.8/15

Left Out: 6.957+/-2.226 χ^2/NDF:0.0/0

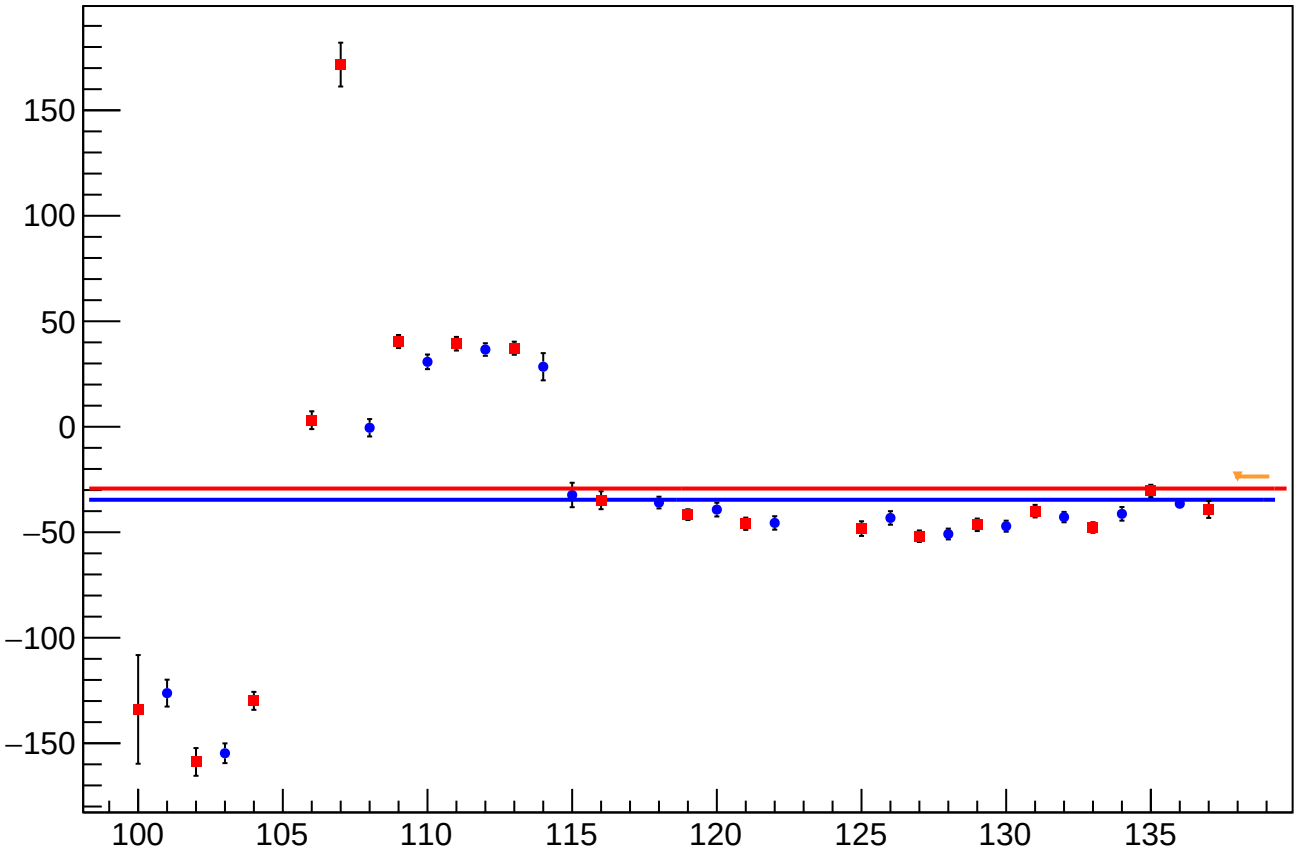
Right Out: -0.614+/-0.713 χ^2/NDF: 93.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.423+/-0.667 χ^2/NDF: 133.9/16

All: -0.512+/-0.487 χ^2/NDF: 227.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -34.598+/-0.786 χ^2/NDF: 2058.4/15

Left Out: -23.572+/-2.183 χ^2/NDF:0.0/0

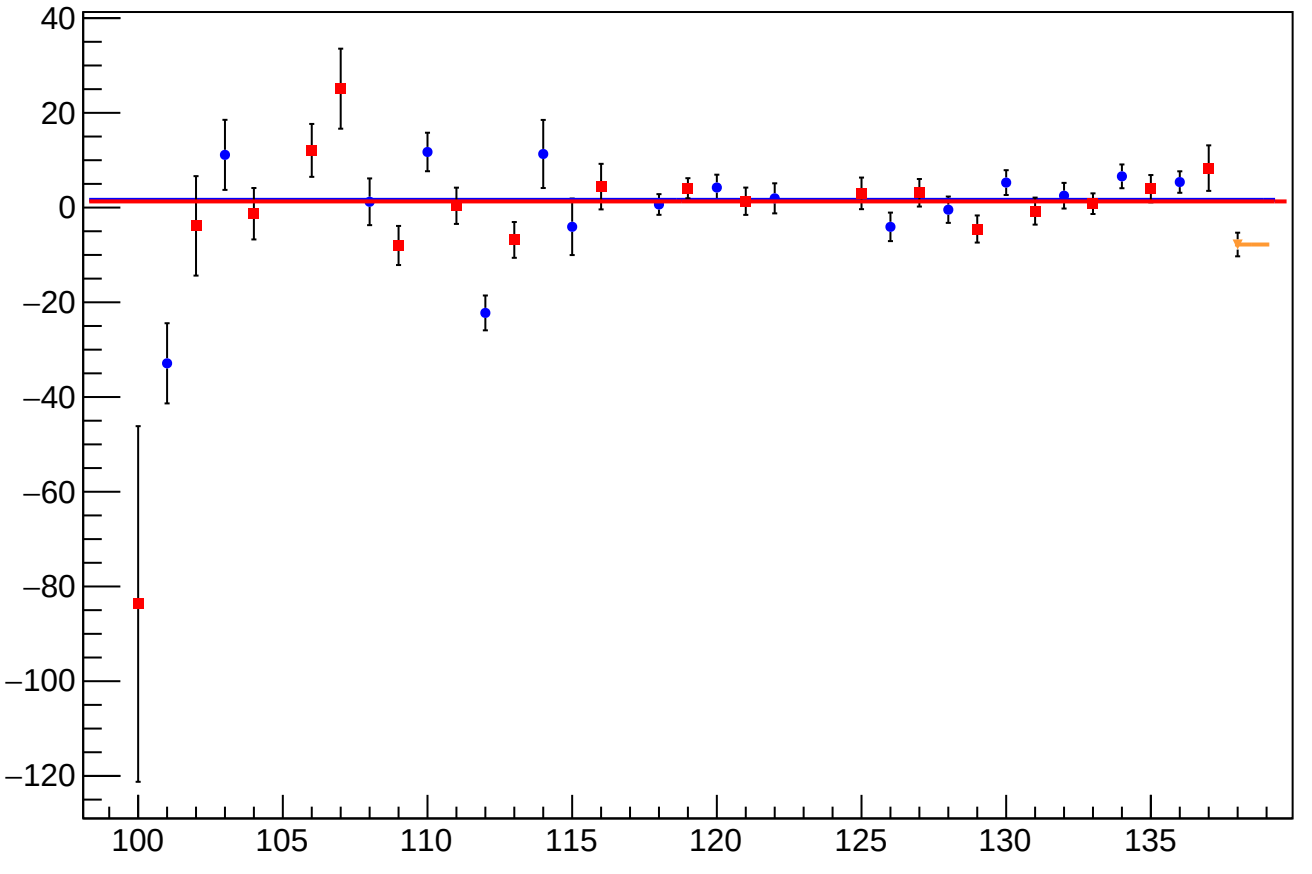
Right Out: -29.277+/-0.800 χ^2/NDF: 3081.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -33.333+/-0.740 χ^2/NDF: 2081.0/16

All: -31.463+/-0.543 χ^2/NDF: 5175.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.630+/-0.797 χ^2/NDF: 83.3/15

Left Out: -7.799+/-2.496 χ^2/NDF:0.0/0

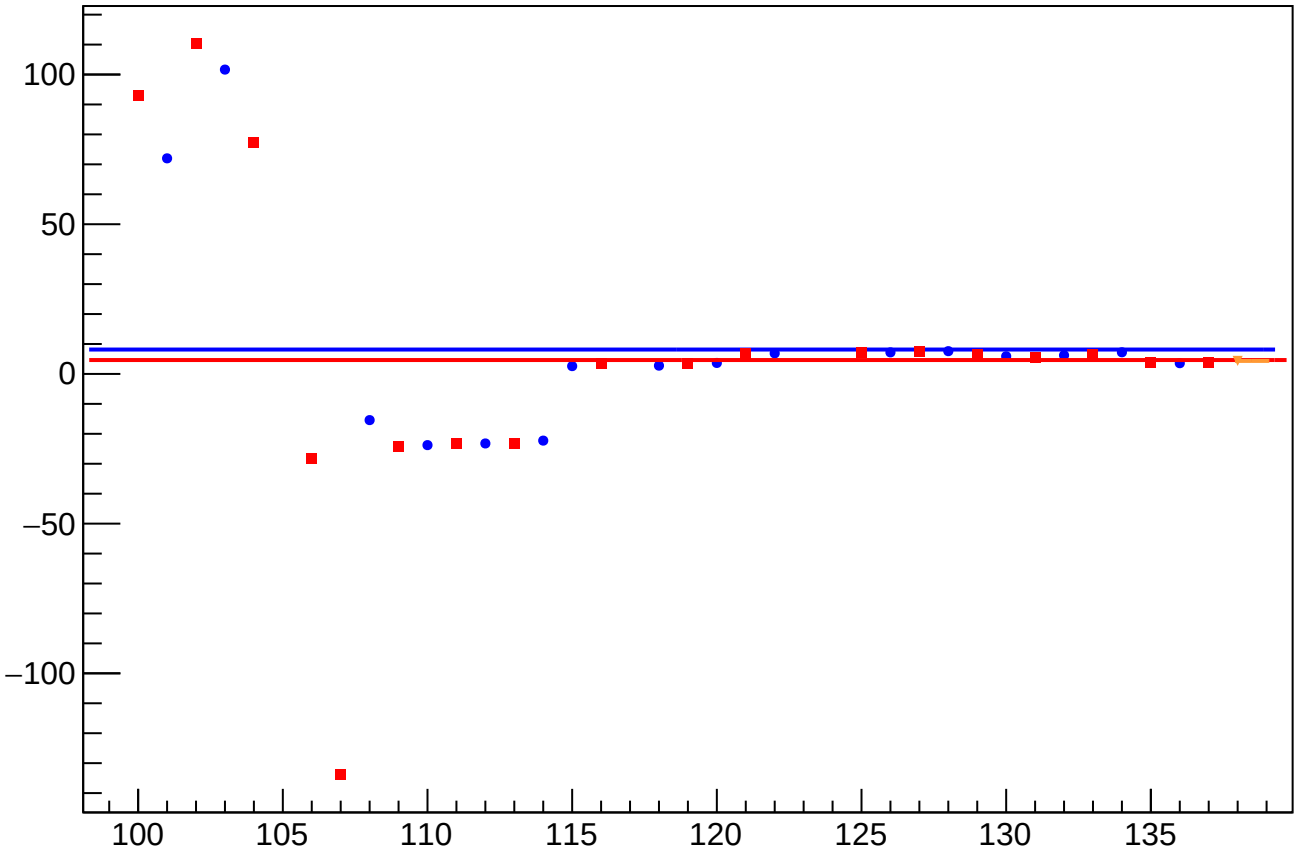
Right Out: 1.298+/-0.817 χ^2/NDF: 37.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.758+/-0.759 χ^2/NDF: 96.2/16

All: 1.009+/-0.556 χ^2/NDF: 134.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 8.146+/-0.048 χ^2/NDF: 313350.7/15

Left Out: 4.352+/-0.086 χ^2/NDF:0.0/0

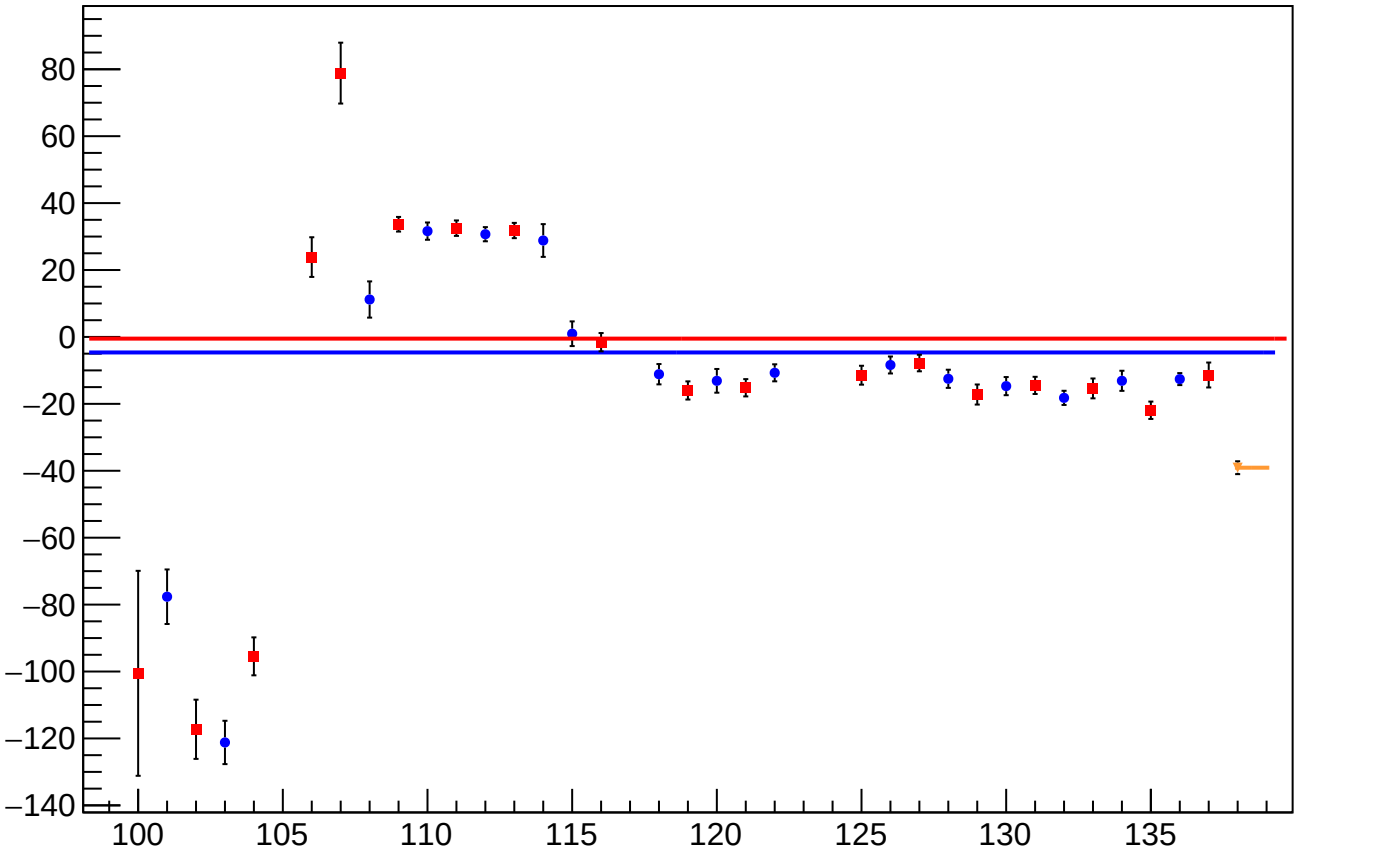
Right Out: 4.638+/-0.052 χ^2/NDF: 446805.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 7.229+/-0.042 χ^2/NDF: 314837.9/16

All: 6.195+/-0.033 χ^2/NDF: 763152.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -4.640+/-0.712 χ^2/NDF: 1046.3/15

Left Out: -39.083+/-1.923 χ^2/NDF:0.0/0

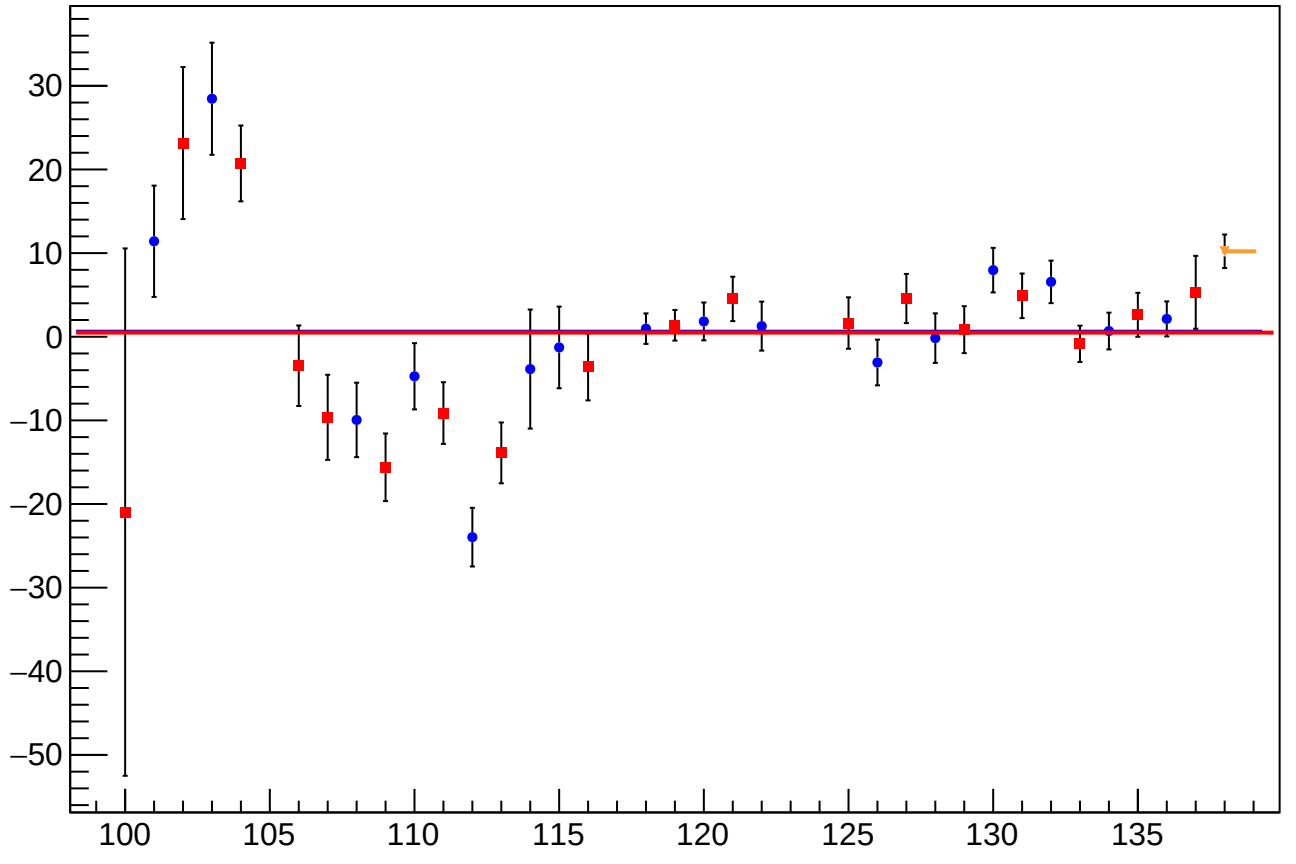
Right Out: -0.505+/-0.711 χ^2/NDF: 1457.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.787+/-0.667 χ^2/NDF: 1328.4/16

All: -4.908+/-0.487 χ^2/NDF: 2858.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.602+/-0.727 χ^2/NDF: 92.9/15

Left Out: 10.217+/-2.003 χ^2/NDF:0.0/0

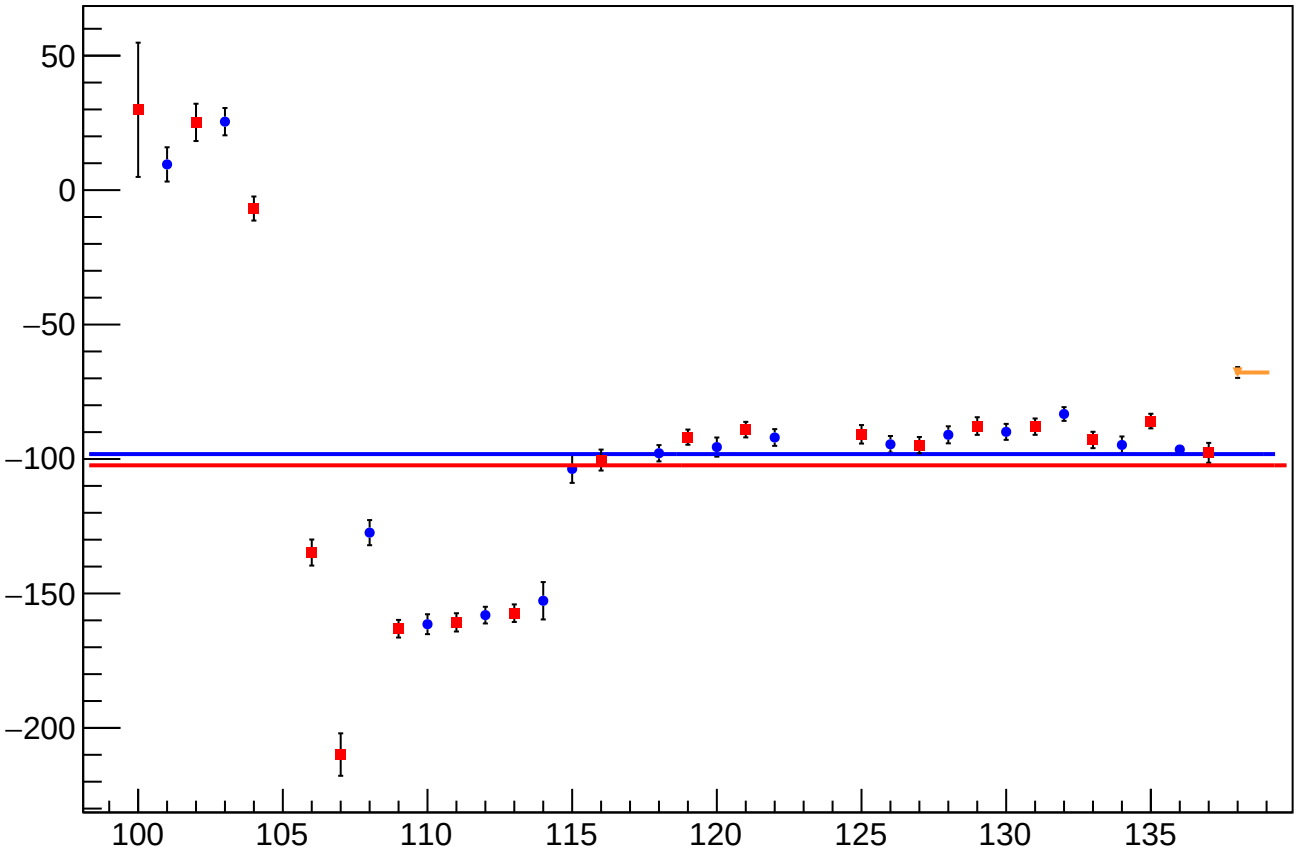
Right Out: 0.496+/-0.755 χ^2/NDF: 80.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.721+/-0.683 χ^2/NDF: 113.2/16

All: 1.170+/-0.507 χ^2/NDF: 194.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -98.168+/-0.813 χ^2/NDF: 1699.9/15

Left Out: -67.822+/-2.008 χ^2/NDF:0.0/0

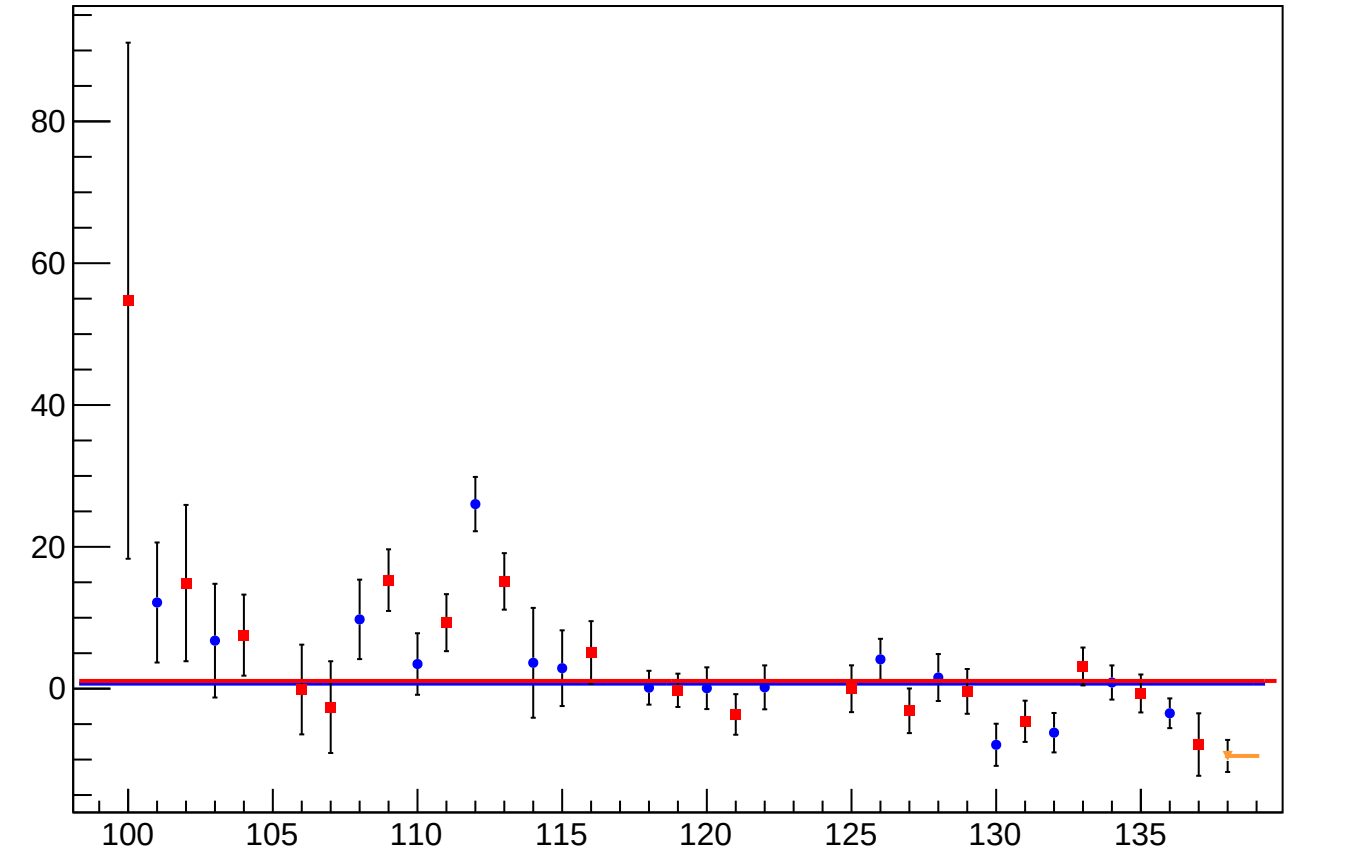
Right Out: -102.349+/-0.837 χ^2/NDF: 2117.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -93.896+/-0.753 χ^2/NDF: 1896.2/16

All: -97.679+/-0.560 χ^2/NDF: 4070.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.711+/-0.821 χ^2/NDF: 69.6/15

Left Out: -9.490+/-2.261 χ^2/NDF:0.0/0

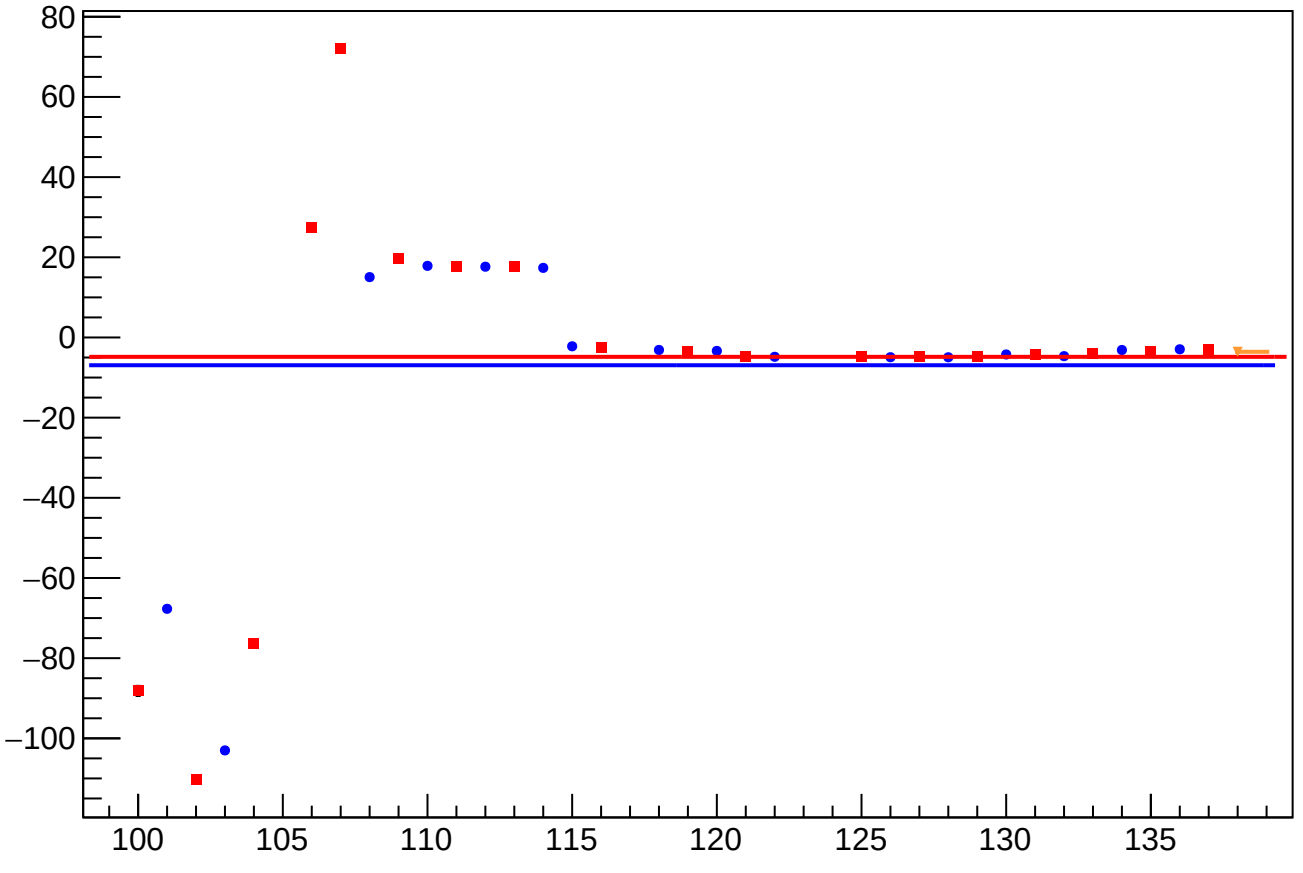
Right Out: 1.088+/-0.856 χ^2/NDF: 47.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.479+/-0.772 χ^2/NDF: 87.6/16

All: 0.224+/-0.573 χ^2/NDF: 137.1/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -6.927+/-0.049 χ^2/NDF: 265187.0/15

Left Out: -3.572+/-0.079 χ^2/NDF:0.0/0

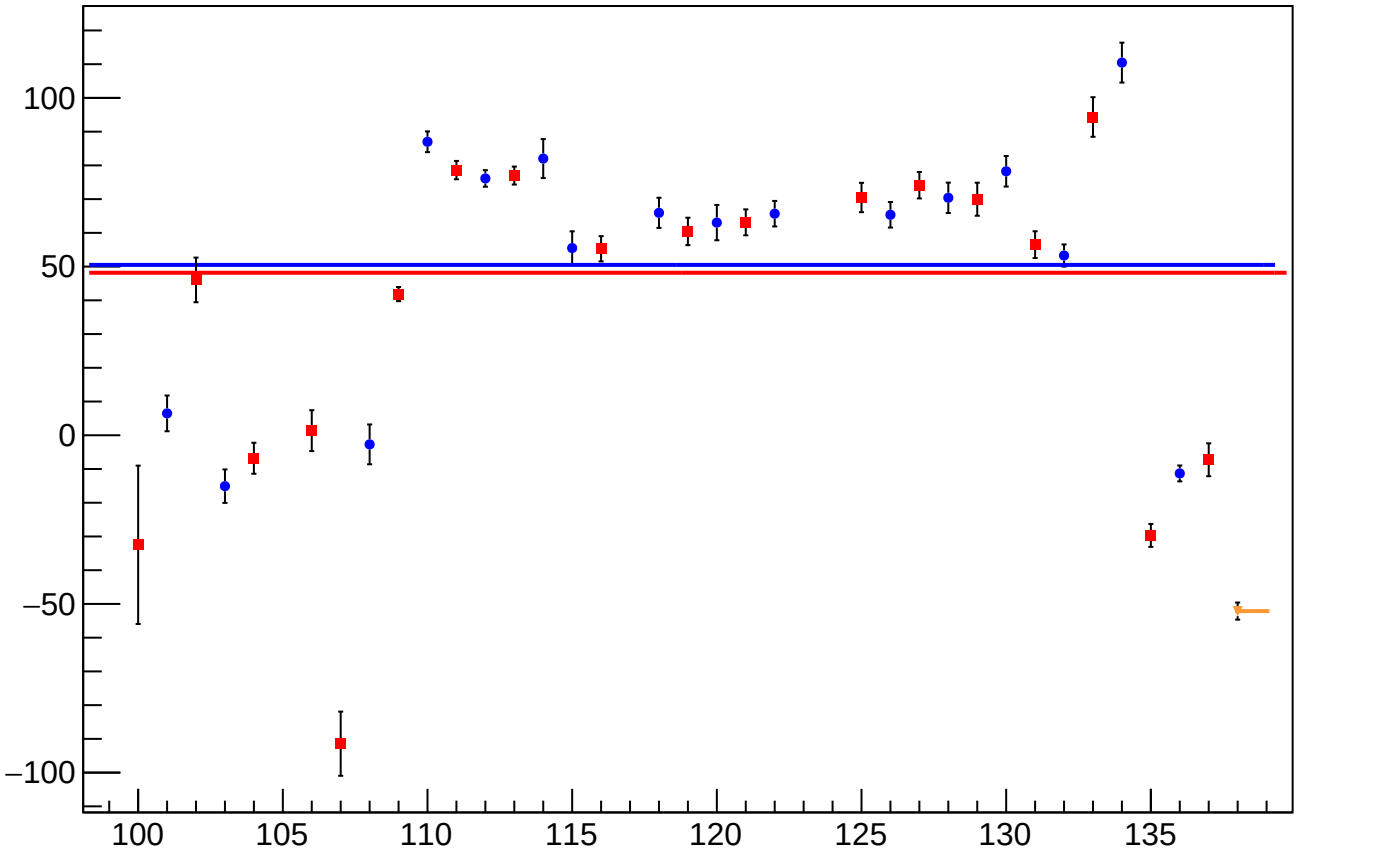
Right Out: -4.833+/-0.053 χ^2/NDF: 339363.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -6.012+/-0.041 χ^2/NDF: 266491.3/16

All: -5.563+/-0.033 χ^2/NDF: 606163.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 50.503+/-0.965 χ^2/NDF: 1503.6/15

Left Out: -52.120+/-2.537 χ^2/NDF:0.0/0

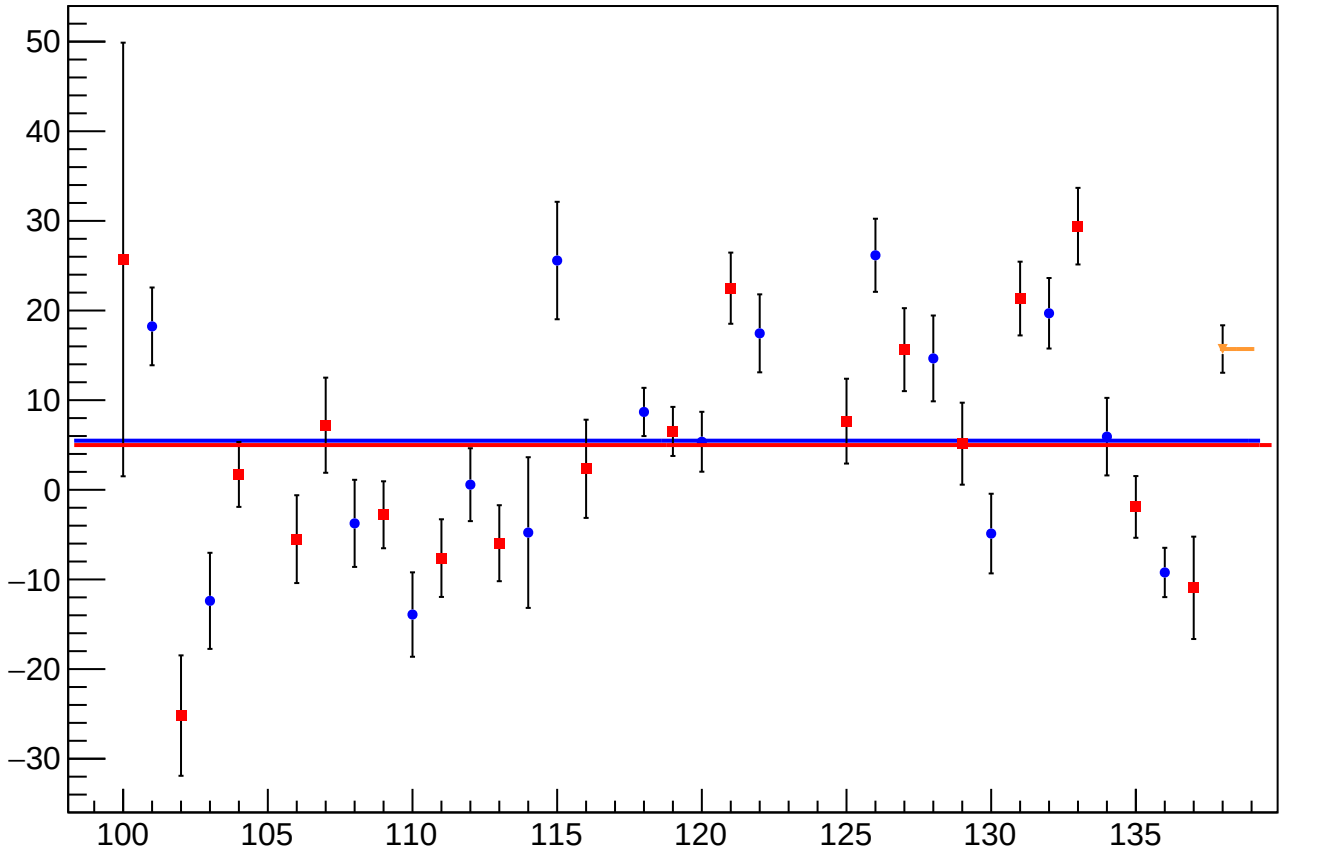
Right Out: 48.172+/-0.914 χ^2/NDF: 1519.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 37.521+/-0.902 χ^2/NDF: 2933.3/16

All: 42.776+/-0.642 χ^2/NDF: 4521.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 5.481+/-1.021 χ^2/NDF: 138.2/15

Left Out: 15.706+/-2.648 χ^2/NDF:0.0/0

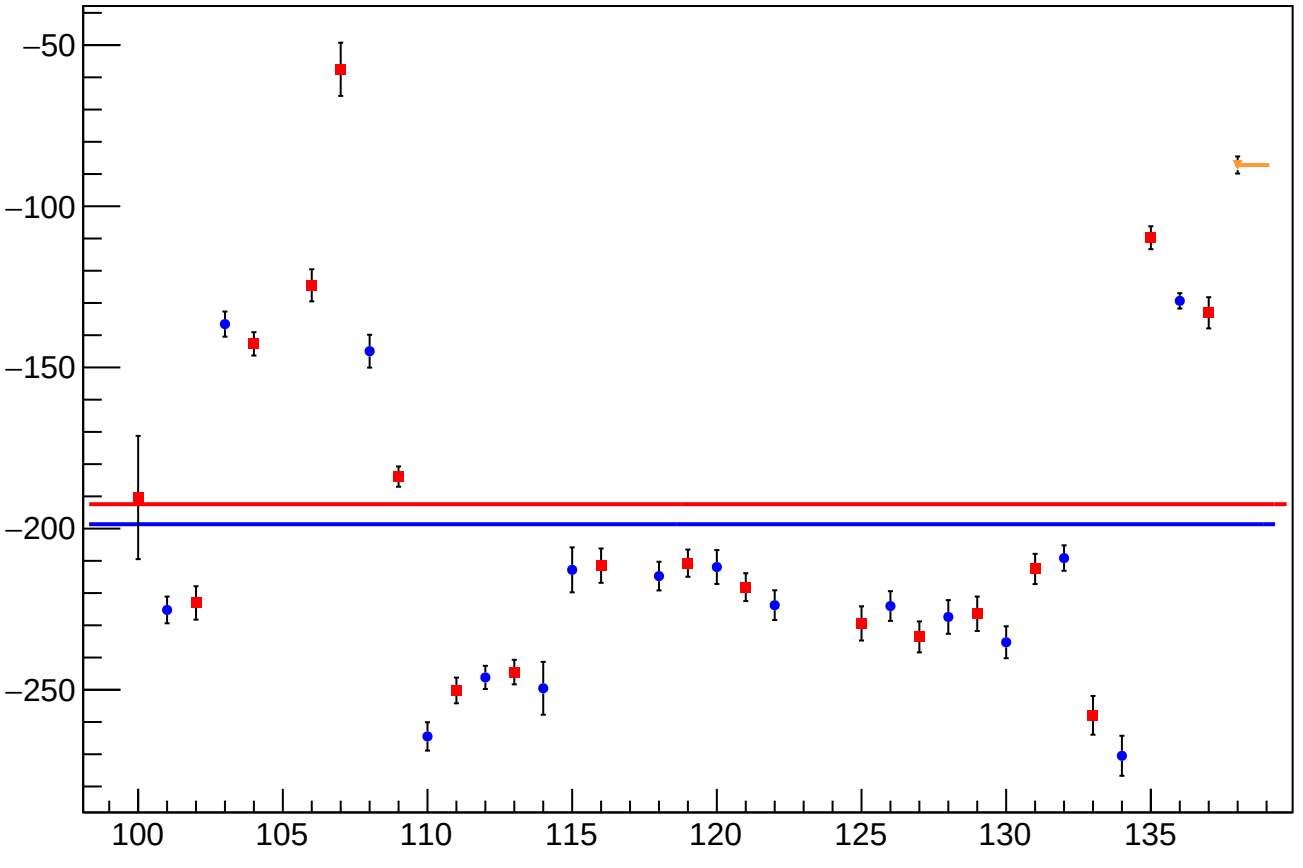
Right Out: 4.992+/-1.023 χ^2/NDF: 131.8/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 6.805+/-0.953 χ^2/NDF: 151.1/16

All: 5.962+/-0.697 χ^2/NDF: 284.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -198.641+/-1.083 χ^2/NDF: 2002.3/15

Left Out: -87.200+/-2.648 χ^2/NDF:0.0/0

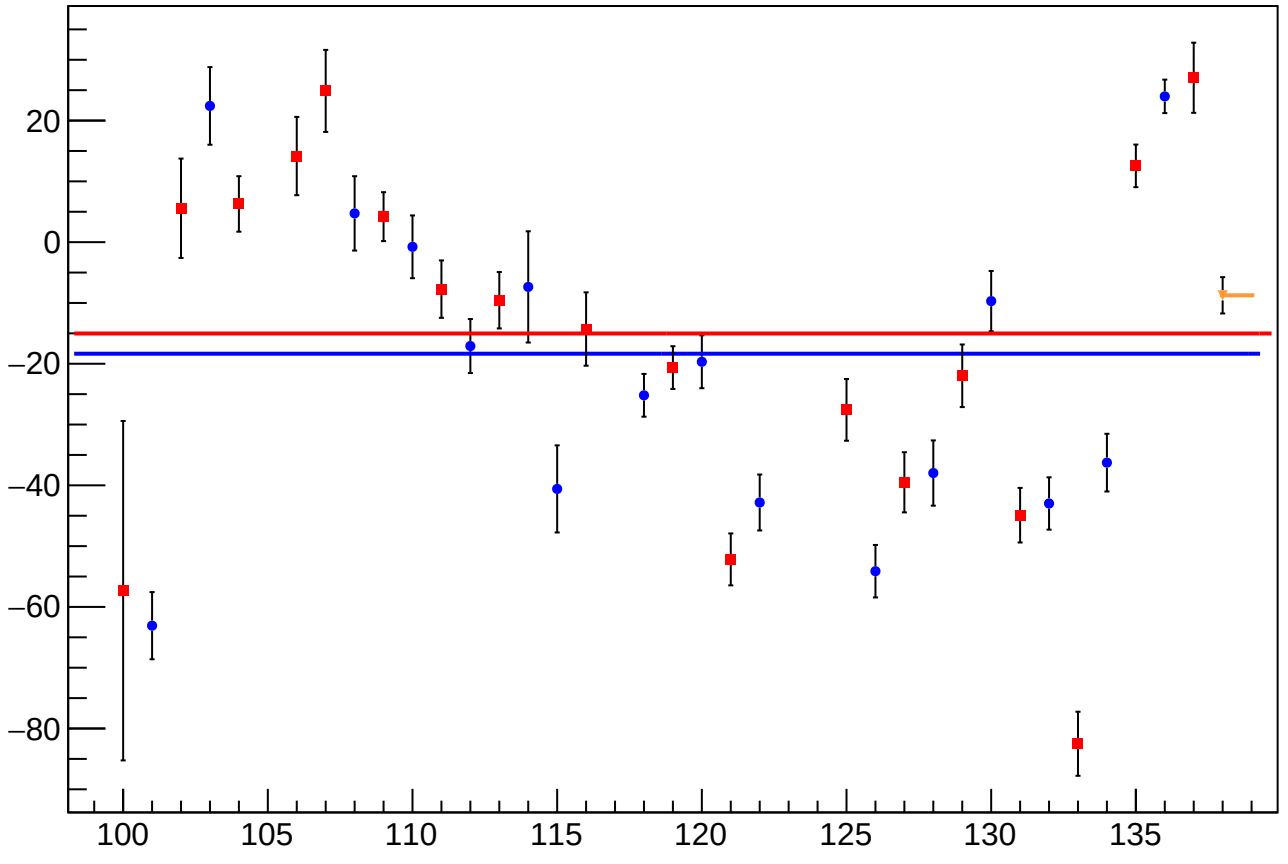
Right Out: -192.426+/-1.080 χ^2/NDF: 2139.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -182.665+/-1.003 χ^2/NDF: 3519.1/16

All: -187.185+/-0.735 χ^2/NDF: 5702.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -18.348+/-1.159 χ^2/NDF: 543.9/15

Left Out: -8.743+/-2.986 χ^2/NDF:0.0/0

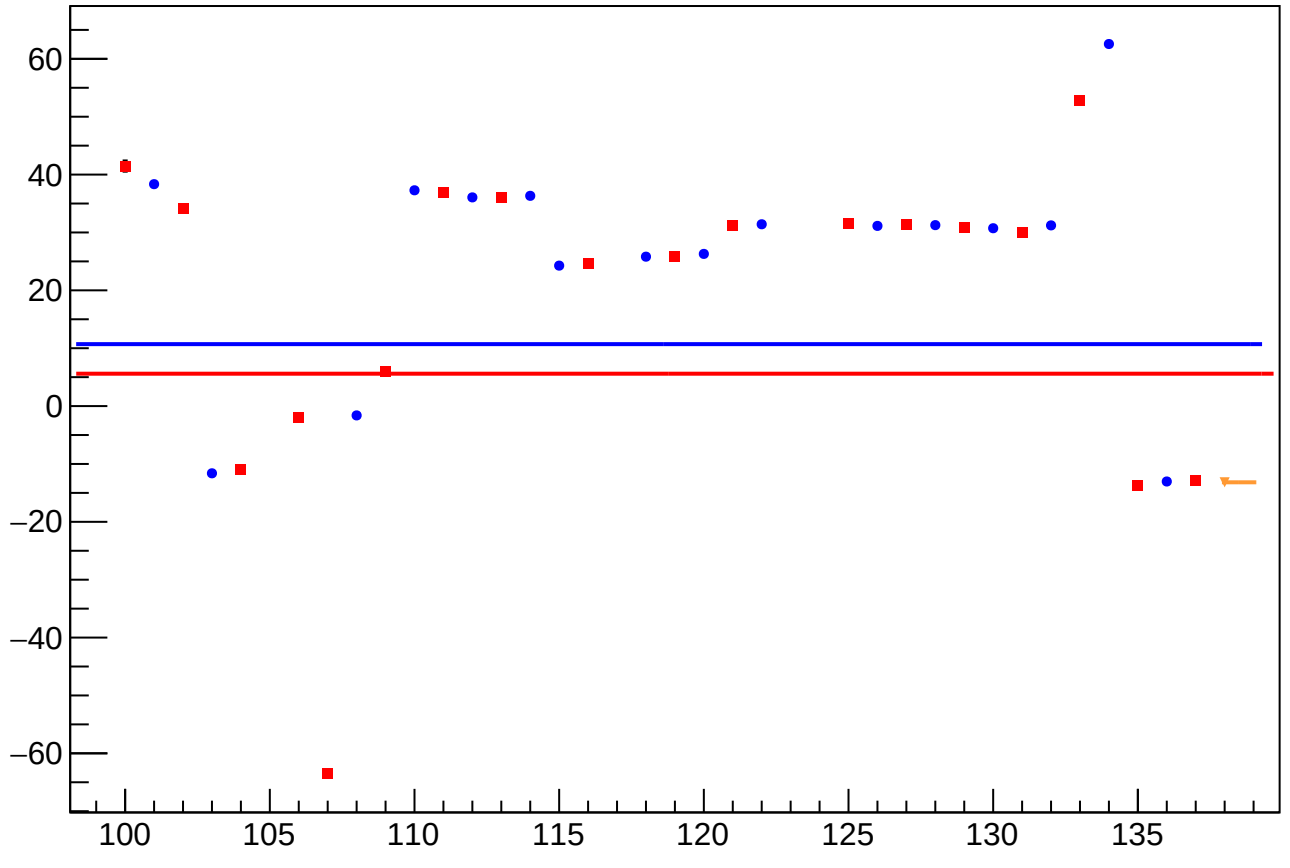
Right Out: -15.021+/-1.162 χ^2/NDF: 546.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -17.090+/-1.081 χ^2/NDF: 552.9/16

All: -16.130+/-0.791 χ^2/NDF: 1101.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 10.704+/-0.063 χ^2/NDF: 164860.8/15

Left Out: -13.171+/-0.104 χ^2/NDF:0.0/0

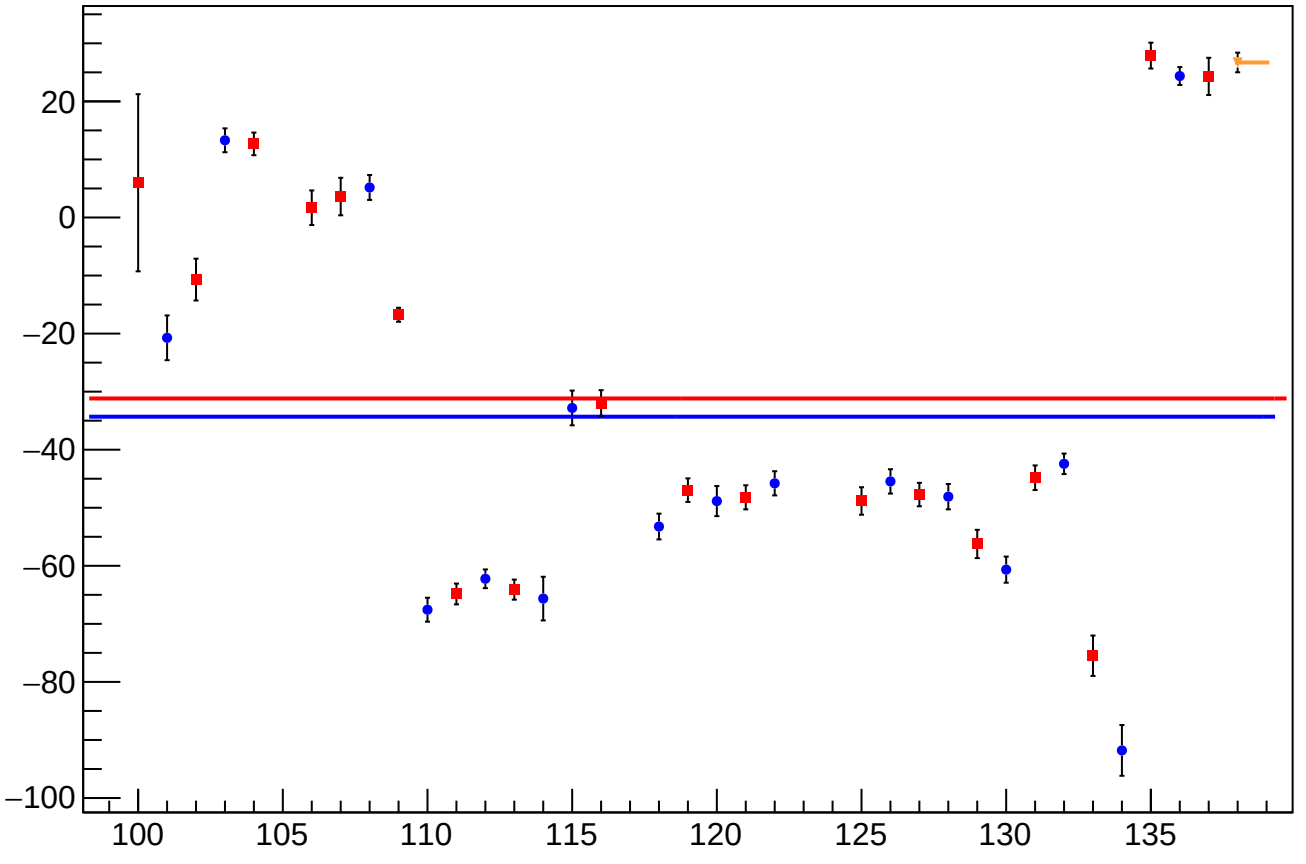
Right Out: 5.595+/-0.064 χ^2/NDF: 154966.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 4.347+/-0.054 χ^2/NDF: 203215.0/16

All: 4.869+/-0.041 χ^2/NDF: 358405.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -34.315+/-0.548 χ^2/NDF: 3500.2/15

Left Out: 26.701+/-1.690 χ^2/NDF:0.0/0

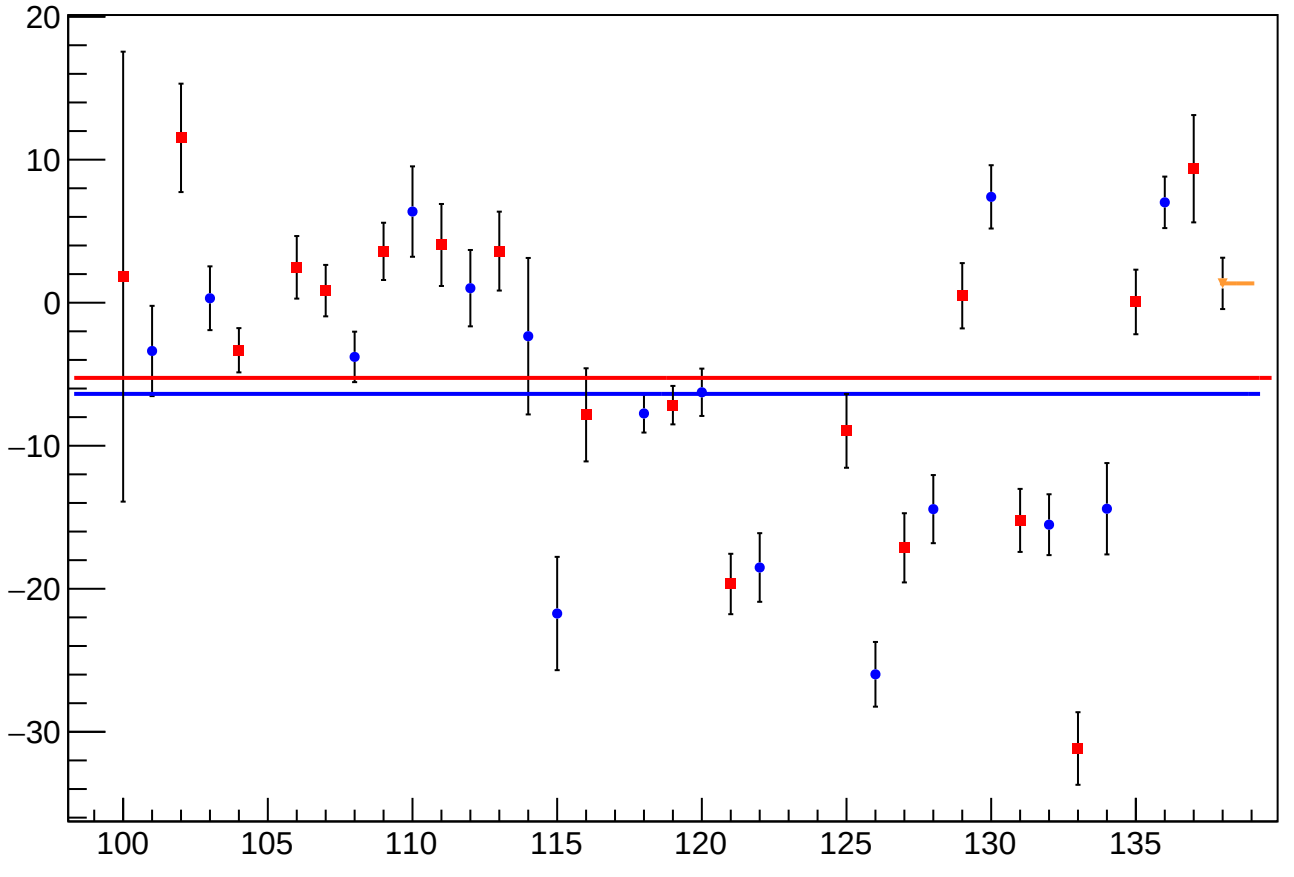
Right Out: -31.175+/-0.516 χ^2/NDF: 3200.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -28.517+/-0.521 χ^2/NDF: 4679.3/16

All: -29.860+/-0.367 χ^2/NDF: 7892.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -6.375+/-0.554 χ^2/NDF: 283.6/15

Left Out: 1.350+/-1.795 χ^2/NDF:0.0/0

Right Out: -5.256+/-0.533 χ^2/NDF: 312.9/17

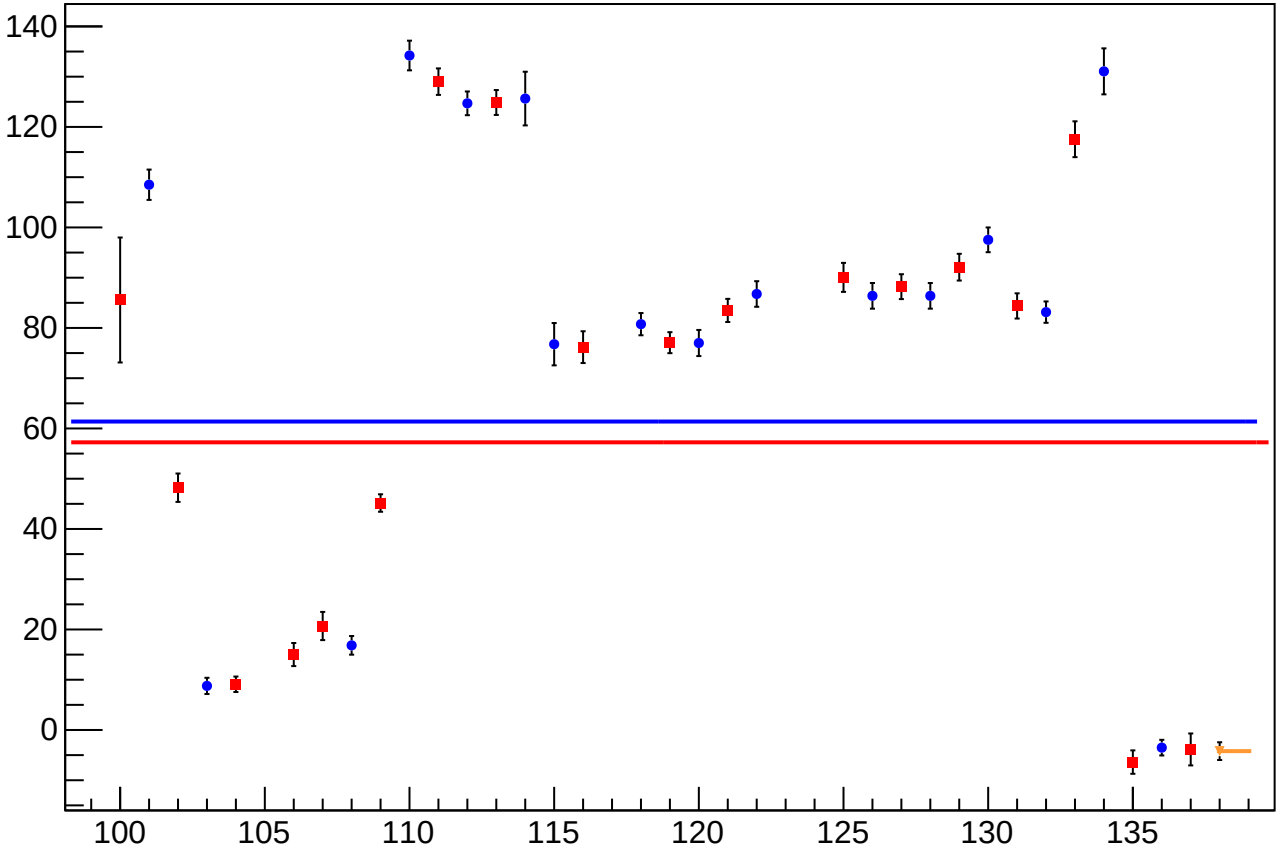
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -5.704+/-0.529 χ^2/NDF: 300.5/16

All: -5.482+/-0.375 χ^2/NDF: 613.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 61.377+/-0.594 χ^2/NDF: 6066.8/15

Left Out: -4.207+/-1.765 χ^2/NDF:0.0/0

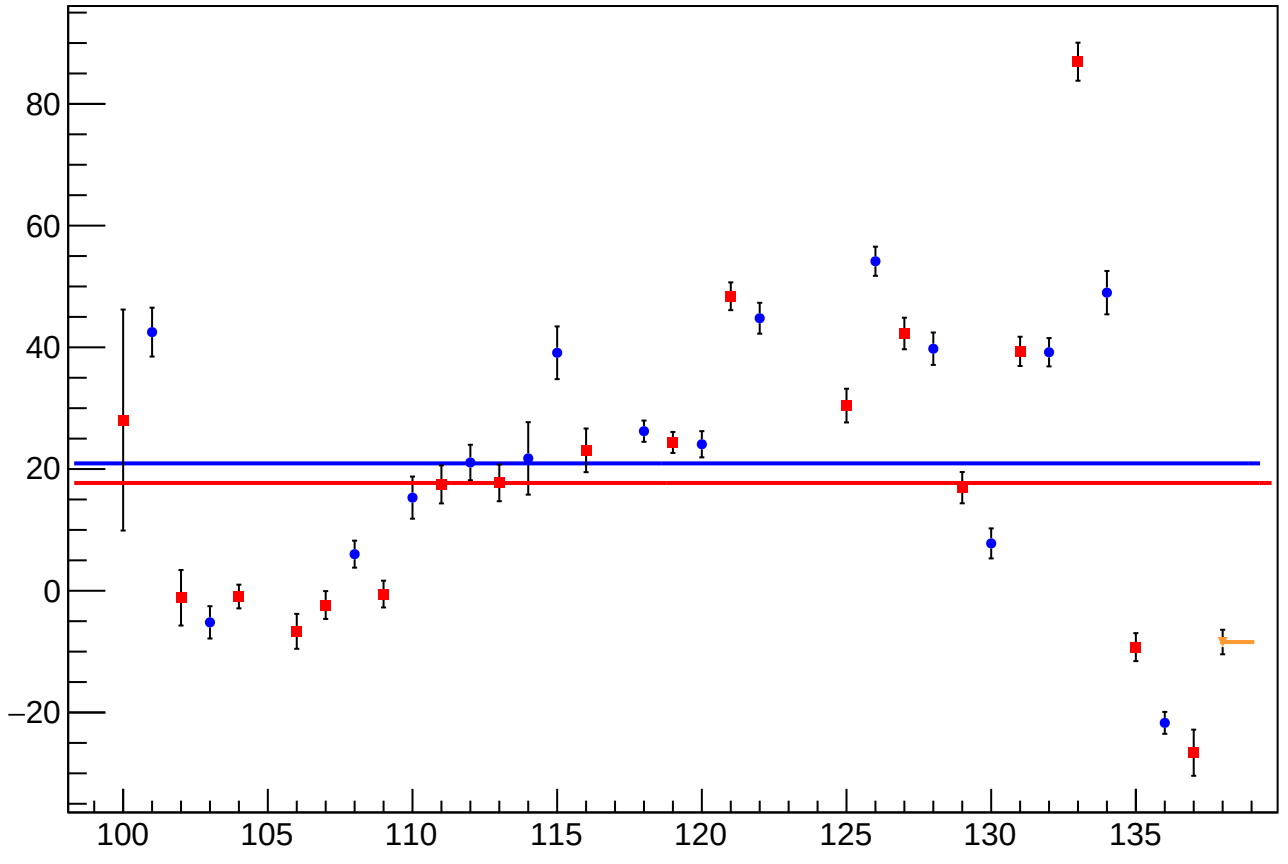
Right Out: 57.240+/-0.580 χ^2/NDF: 5267.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 54.700+/-0.563 χ^2/NDF: 7306.7/16

All: 55.932+/-0.404 χ^2/NDF: 12584.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 20.931+/-0.640 χ^2/NDF: 1245.4/15

Left Out: -8.424+/-2.015 χ^2/NDF:0.0/0

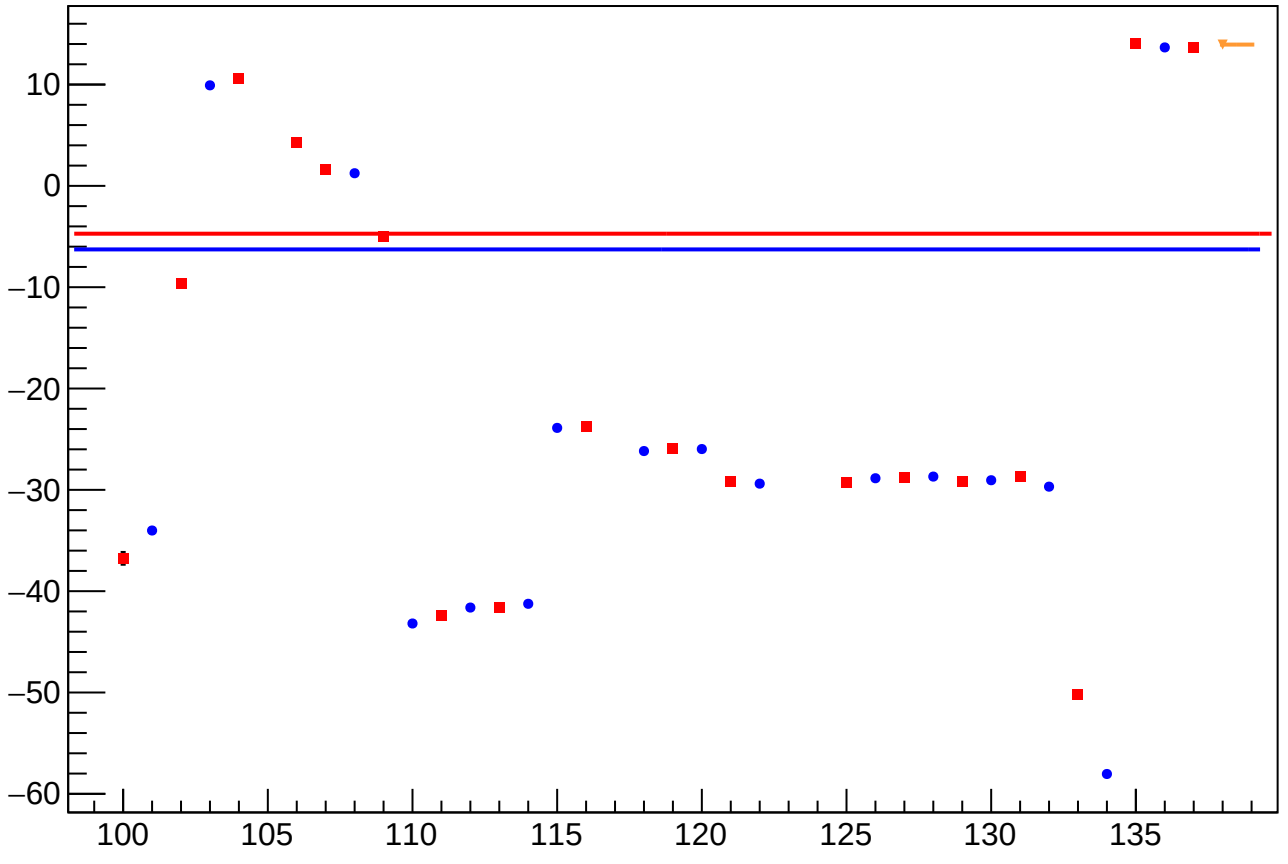
Right Out: 17.711+/-0.618 χ^2/NDF: 1481.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 18.240+/-0.610 χ^2/NDF: 1438.2/16

All: 17.979+/-0.434 χ^2/NDF: 2920.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -6.271+/-0.033 χ^2/NDF: 410461.0/15

Left Out: 13.944+/-0.069 χ^2/NDF:0.0/0

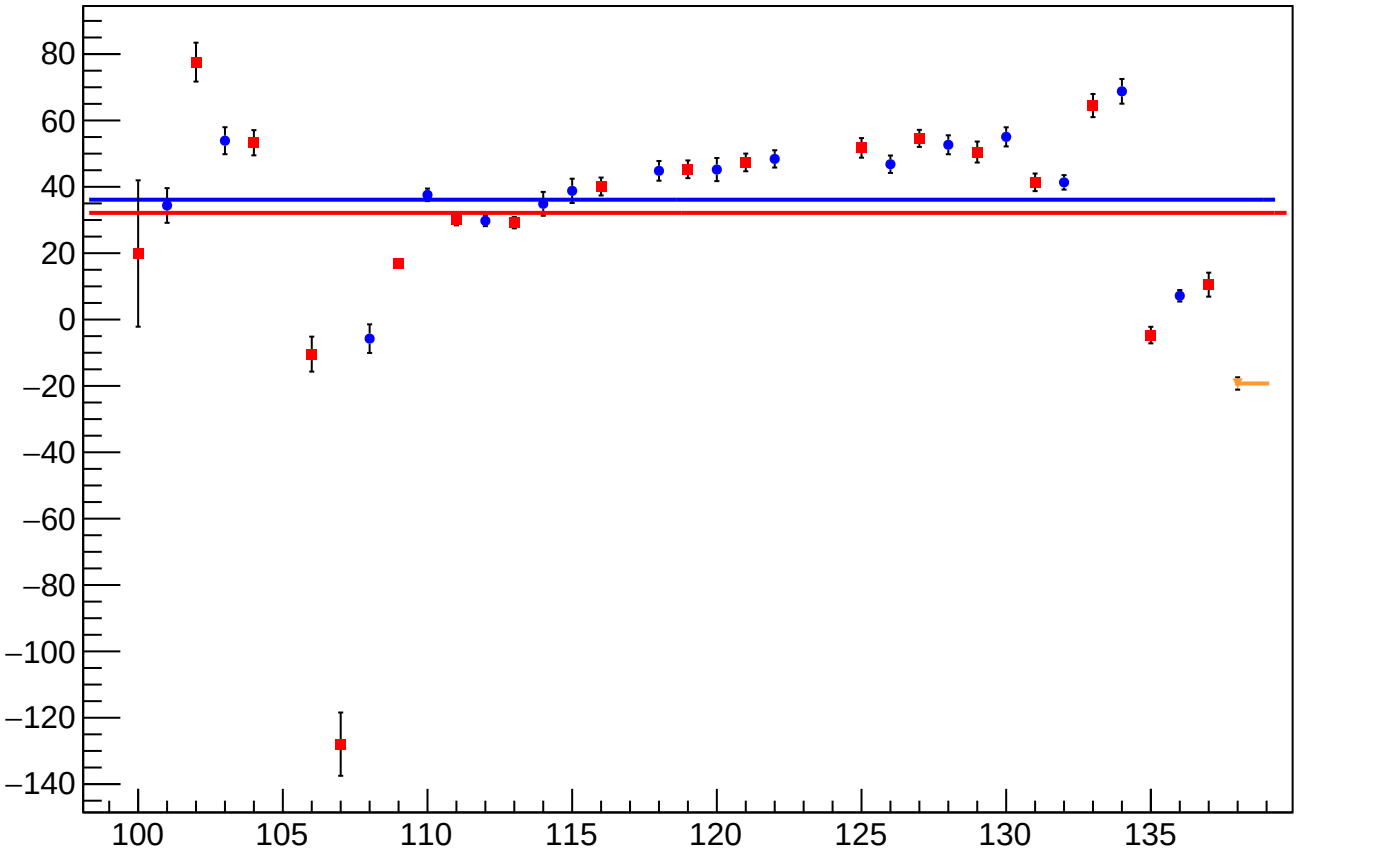
Right Out: -4.720+/-0.034 χ^2/NDF: 306663.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -2.458+/-0.030 χ^2/NDF: 479495.6/16

All: -3.462+/-0.022 χ^2/NDF: 788667.0/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 36.118+/-0.656 χ^2/NDF: 622.8/15

Left Out: -19.264+/-1.867 χ^2/NDF:0.0/0

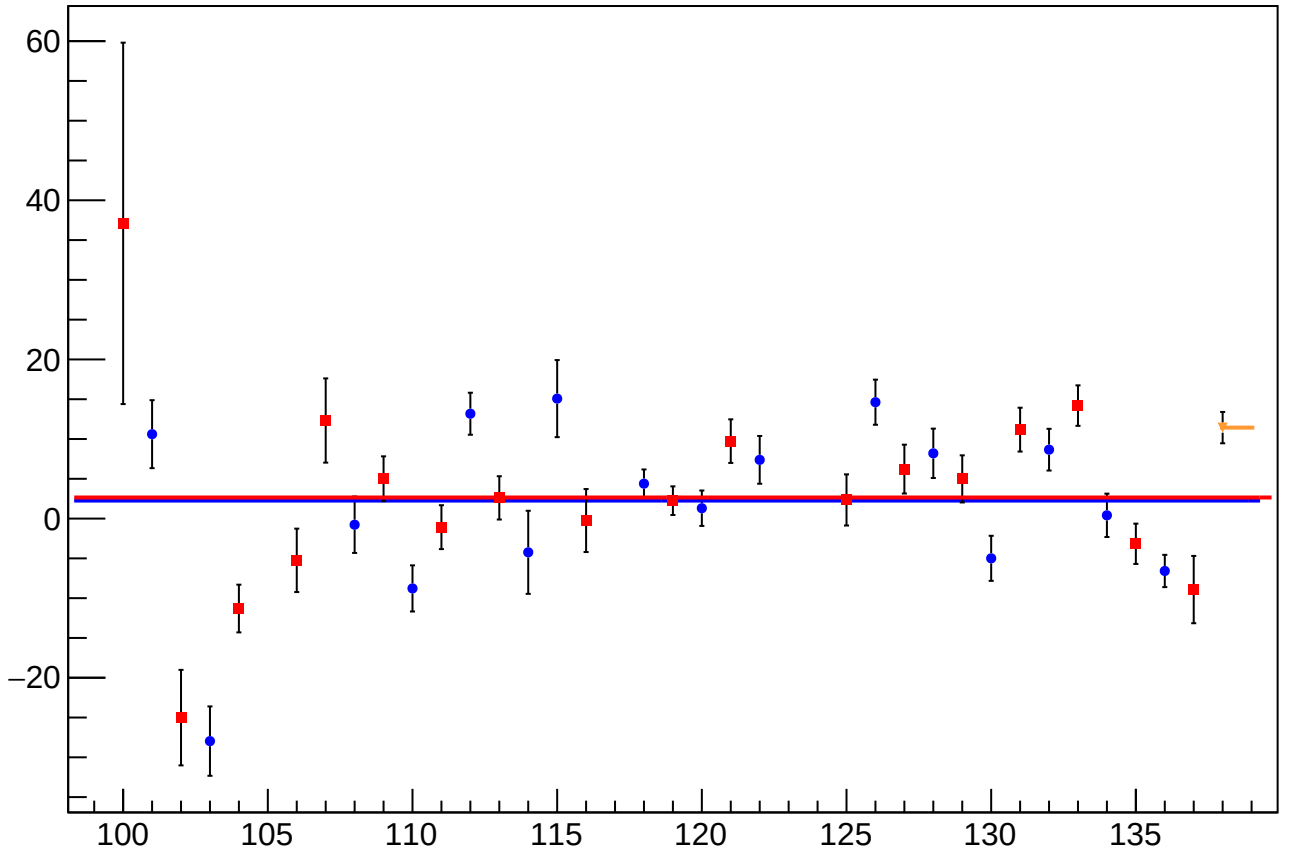
Right Out: 32.150+/-0.631 χ^2/NDF: 1114.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 30.028+/-0.619 χ^2/NDF: 1405.6/16

All: 31.070+/-0.442 χ^2/NDF: 2525.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2.265+/-0.701 χ^2/NDF: 152.0/15

Left Out: 11.433+/-1.969 χ^2/NDF:0.0/0

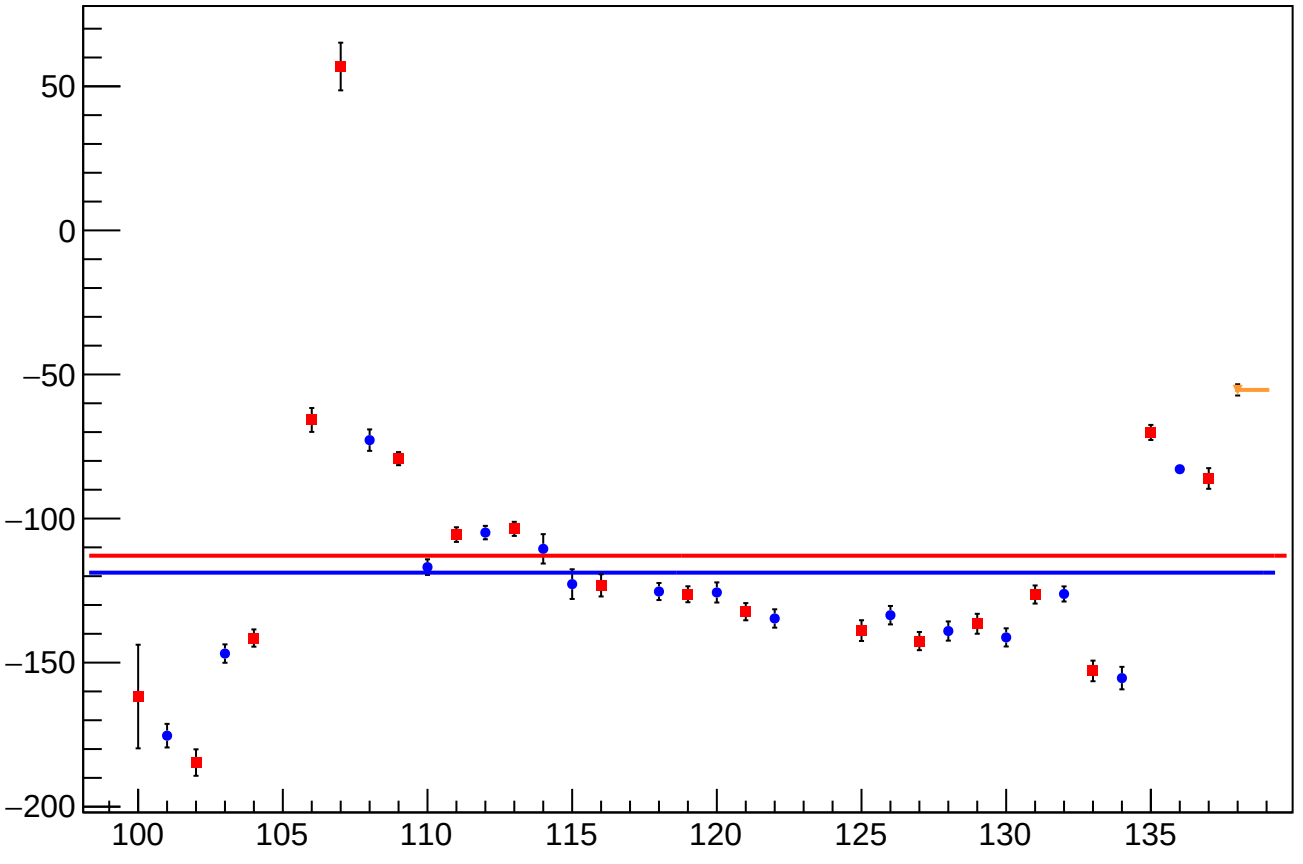
Right Out: 2.651+/-0.715 χ^2/NDF: 107.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.298+/-0.661 χ^2/NDF: 171.3/16

All: 3.000+/-0.485 χ^2/NDF: 278.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -118.778+/-0.757 χ^2/NDF: 1119.5/15

Left Out: -55.354+/-1.950 χ^2/NDF:0.0/0

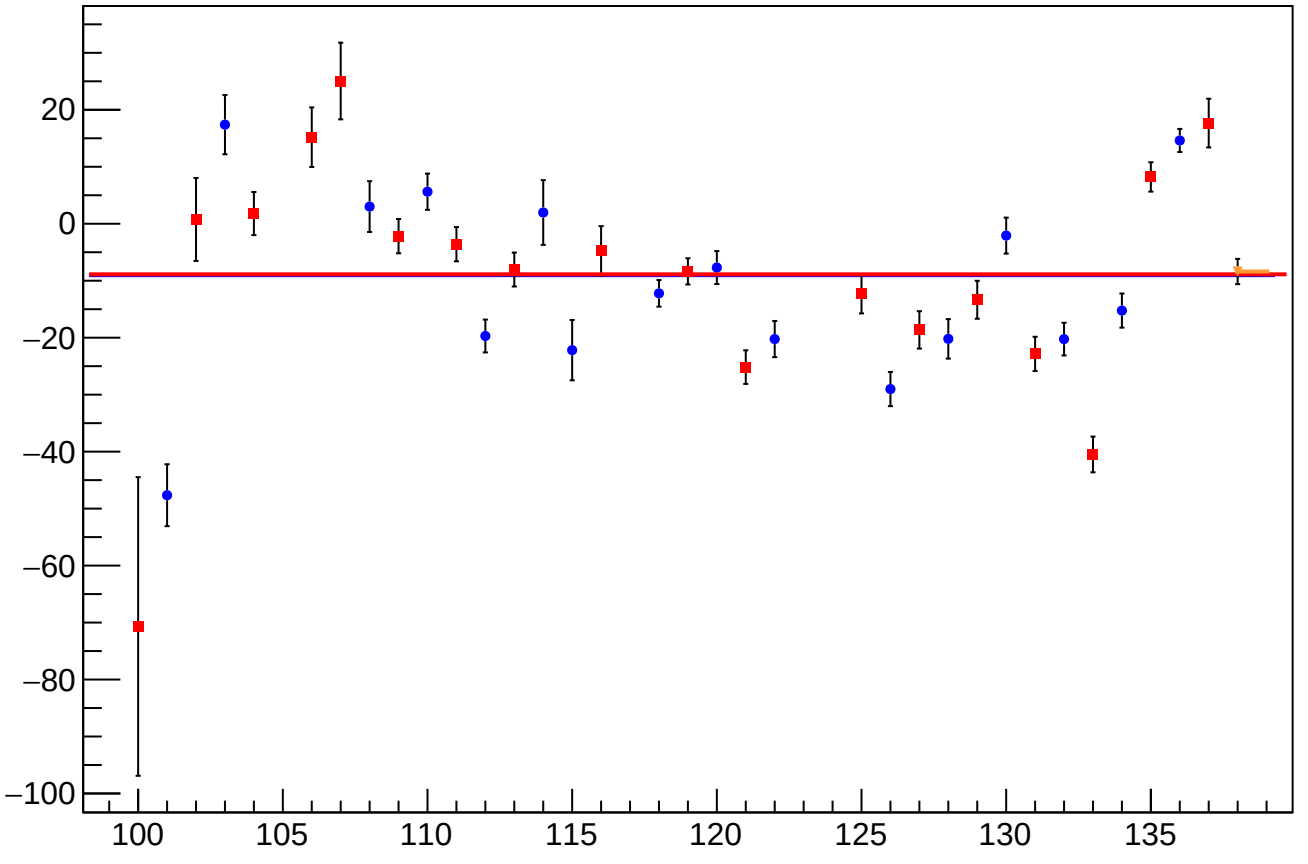
Right Out: -112.899+/-0.761 χ^2/NDF: 1862.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -110.474+/-0.706 χ^2/NDF: 2039.0/16

All: -111.595+/-0.517 χ^2/NDF: 3907.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -9.022+/-0.796 χ^2/NDF: 358.0/15

Left Out: -8.382+/-2.214 χ^2/NDF:0.0/0

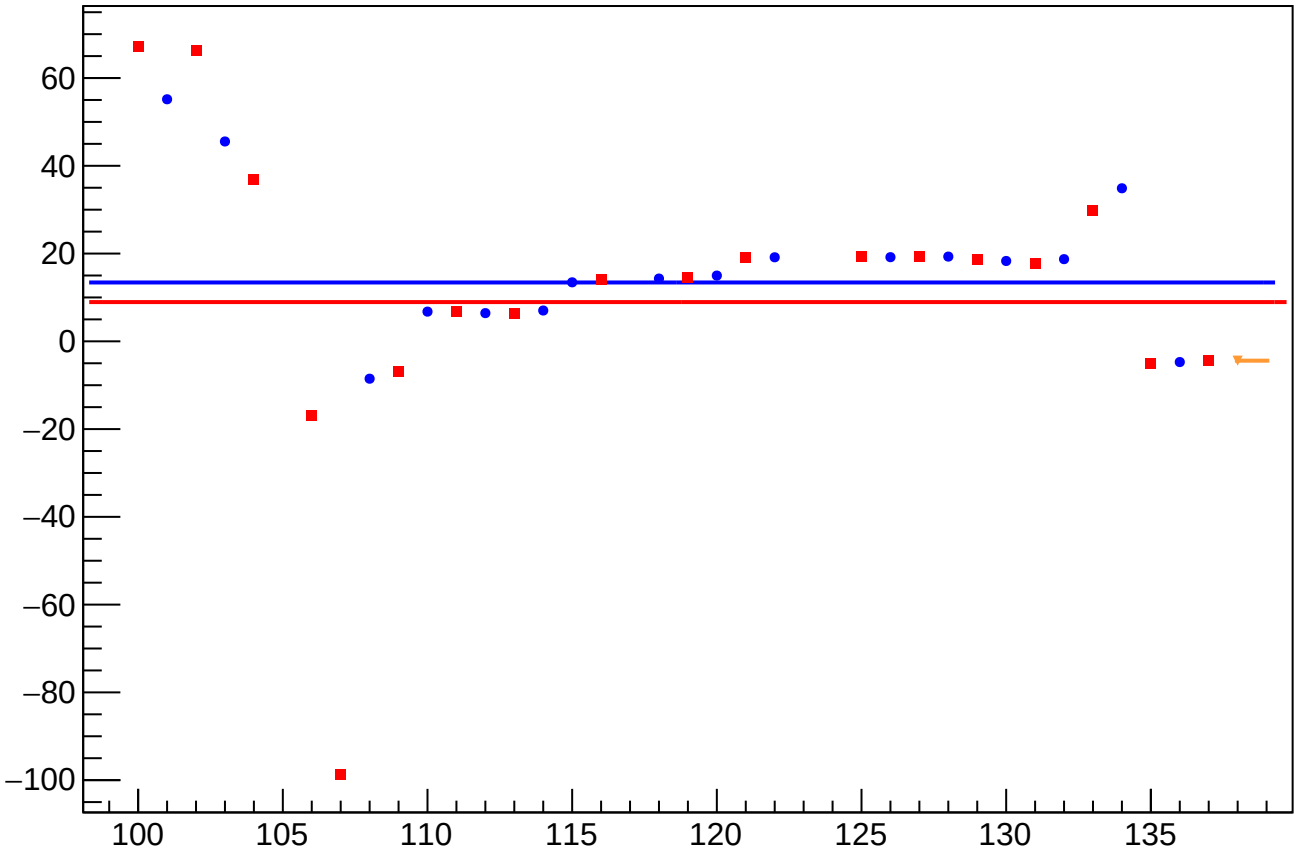
Right Out: -8.878+/-0.810 χ^2/NDF: 318.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -8.949+/-0.749 χ^2/NDF: 358.1/16

All: -8.916+/-0.550 χ^2/NDF: 676.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 13.412+/-0.045 χ^2/NDF: 183707.4/15

Left Out: -4.409+/-0.077 χ^2/NDF:0.0/0

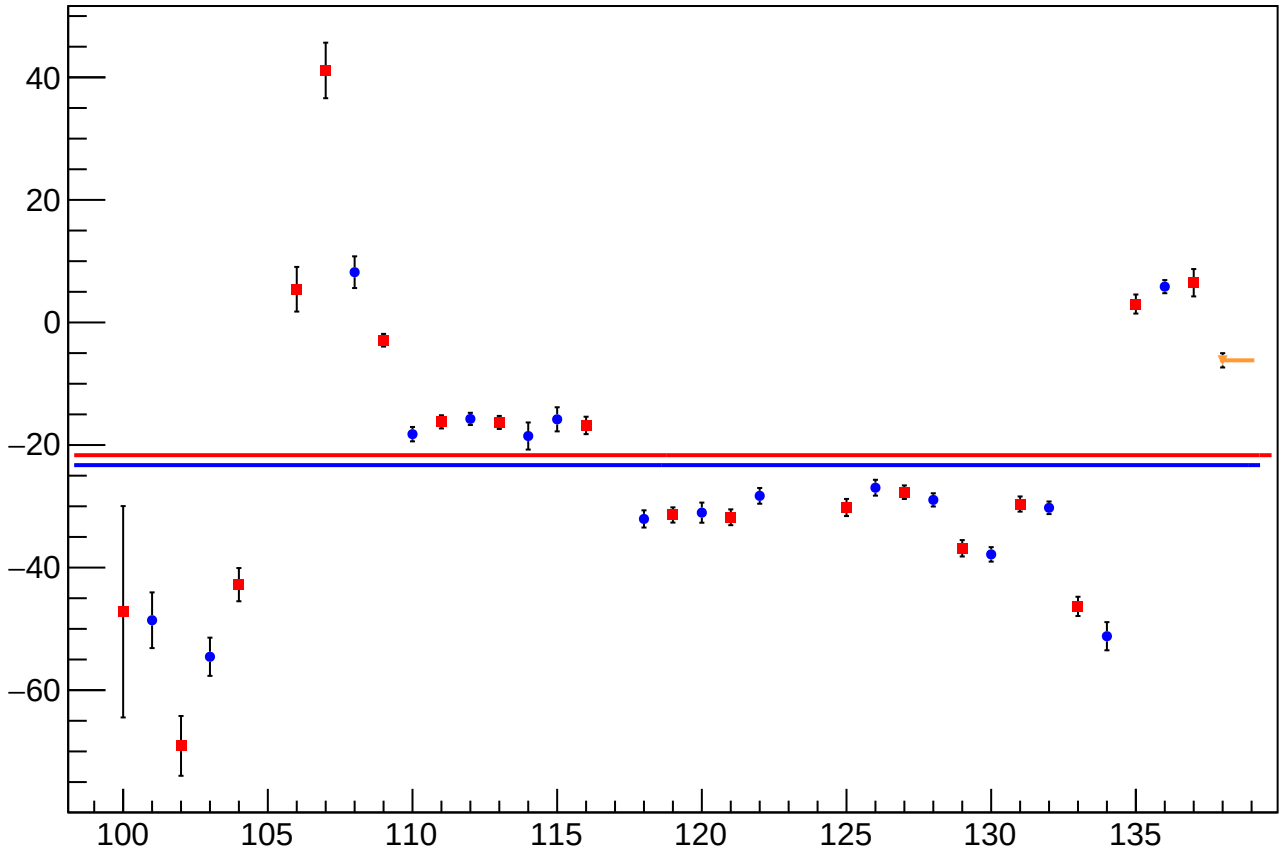
Right Out: 8.943+/-0.047 χ^2/NDF: 291126.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 8.805+/-0.039 χ^2/NDF: 223745.6/16

All: 8.861+/-0.030 χ^2/NDF: 514877.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -23.281+/-0.350 χ^2/NDF: 1567.9/15

Left Out: -6.179+/-1.167 χ^2/NDF:0.0/0

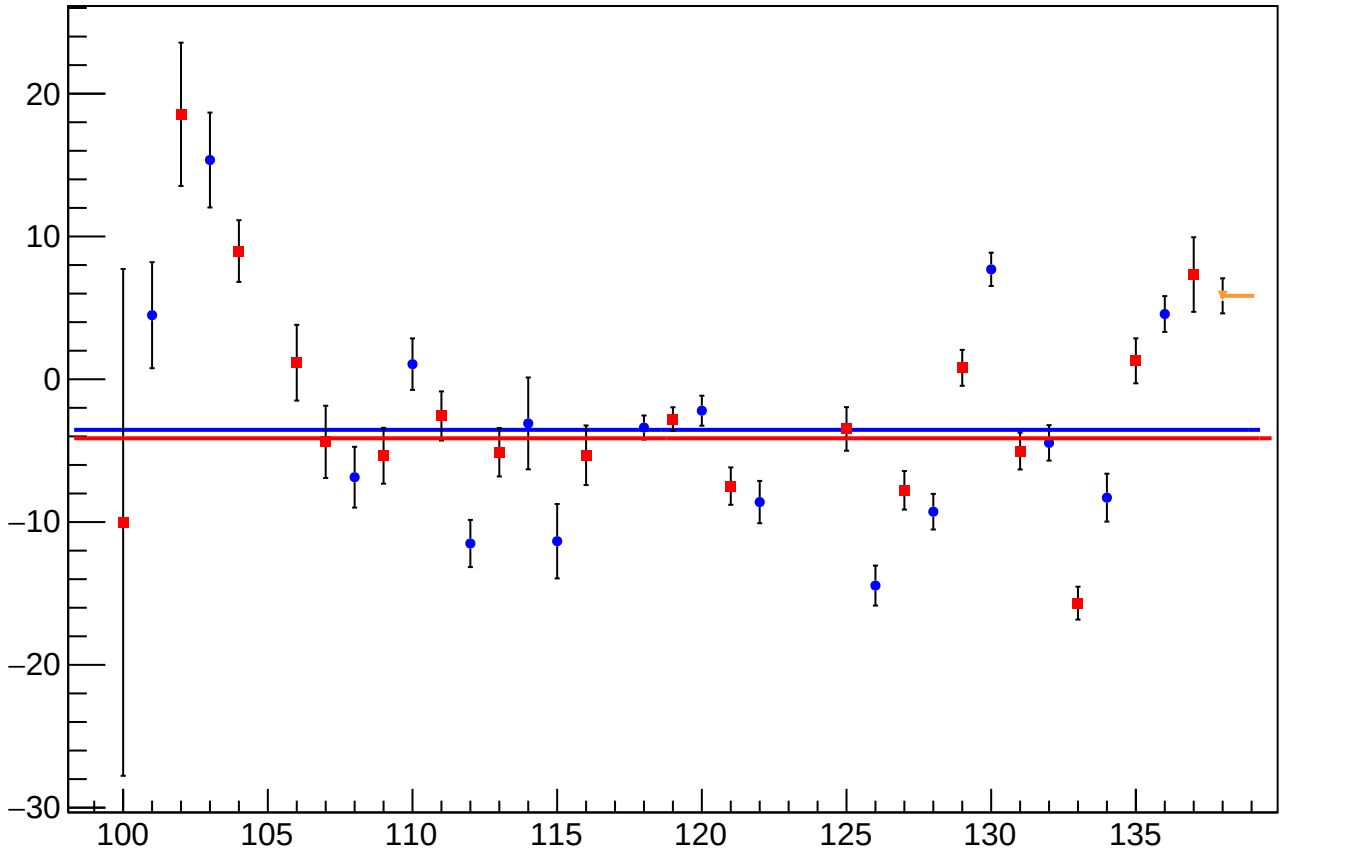
Right Out: -21.660+/-0.347 χ^2/NDF: 1813.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -21.867+/-0.336 χ^2/NDF: 1764.9/16

All: -21.767+/-0.241 χ^2/NDF: 3578.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -3.541+/-0.363 χ^2/NDF: 316.8/15

Left Out: 5.843+/-1.229 χ^2/NDF:0.0/0

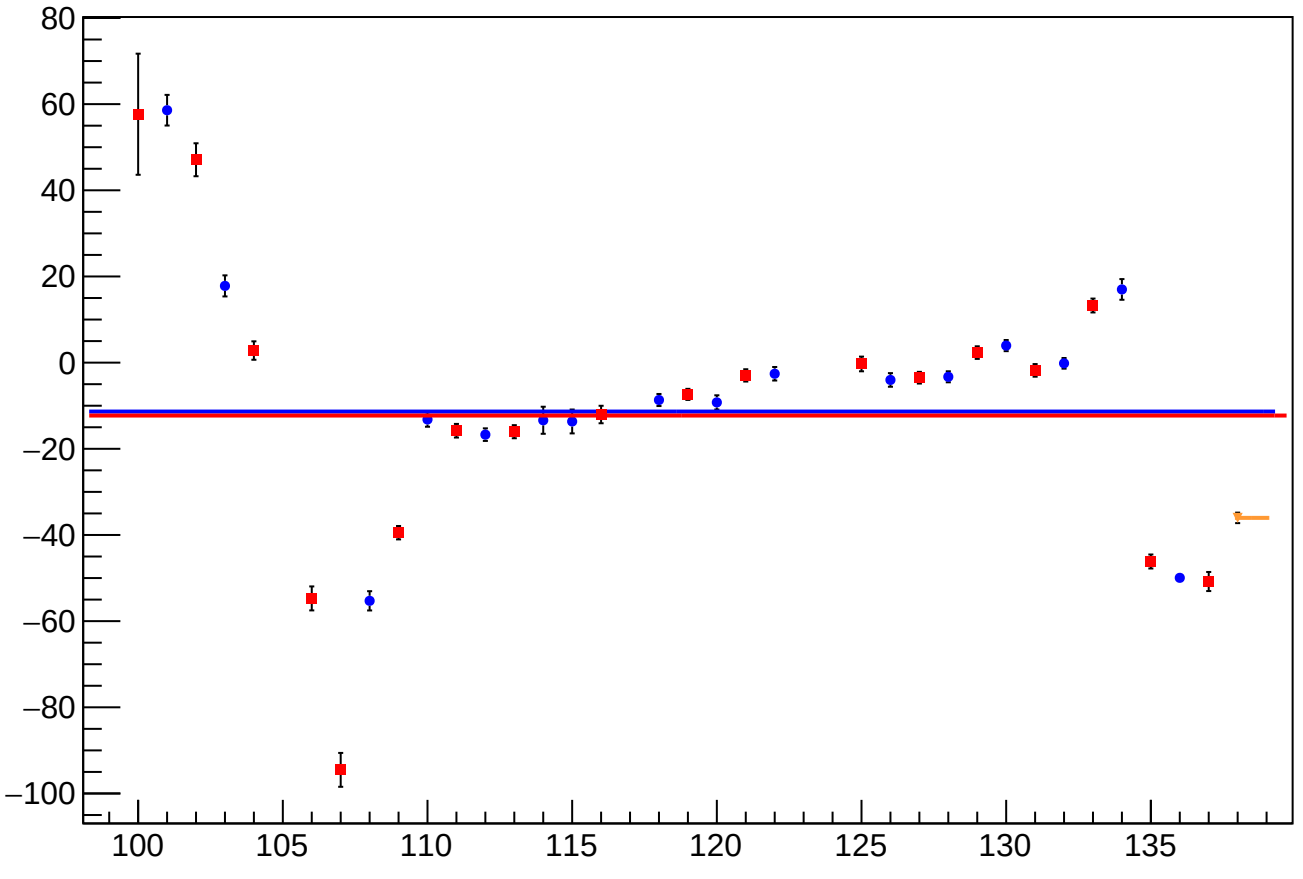
Right Out: -4.132+/-0.371 χ^2/NDF: 227.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -2.789+/-0.348 χ^2/NDF: 370.4/16

All: -3.418+/-0.254 χ^2/NDF: 604.8/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -11.355+/-0.406 χ^2/NDF: 2661.6/15

Left Out: -36.032+/-1.218 χ^2/NDF:0.0/0

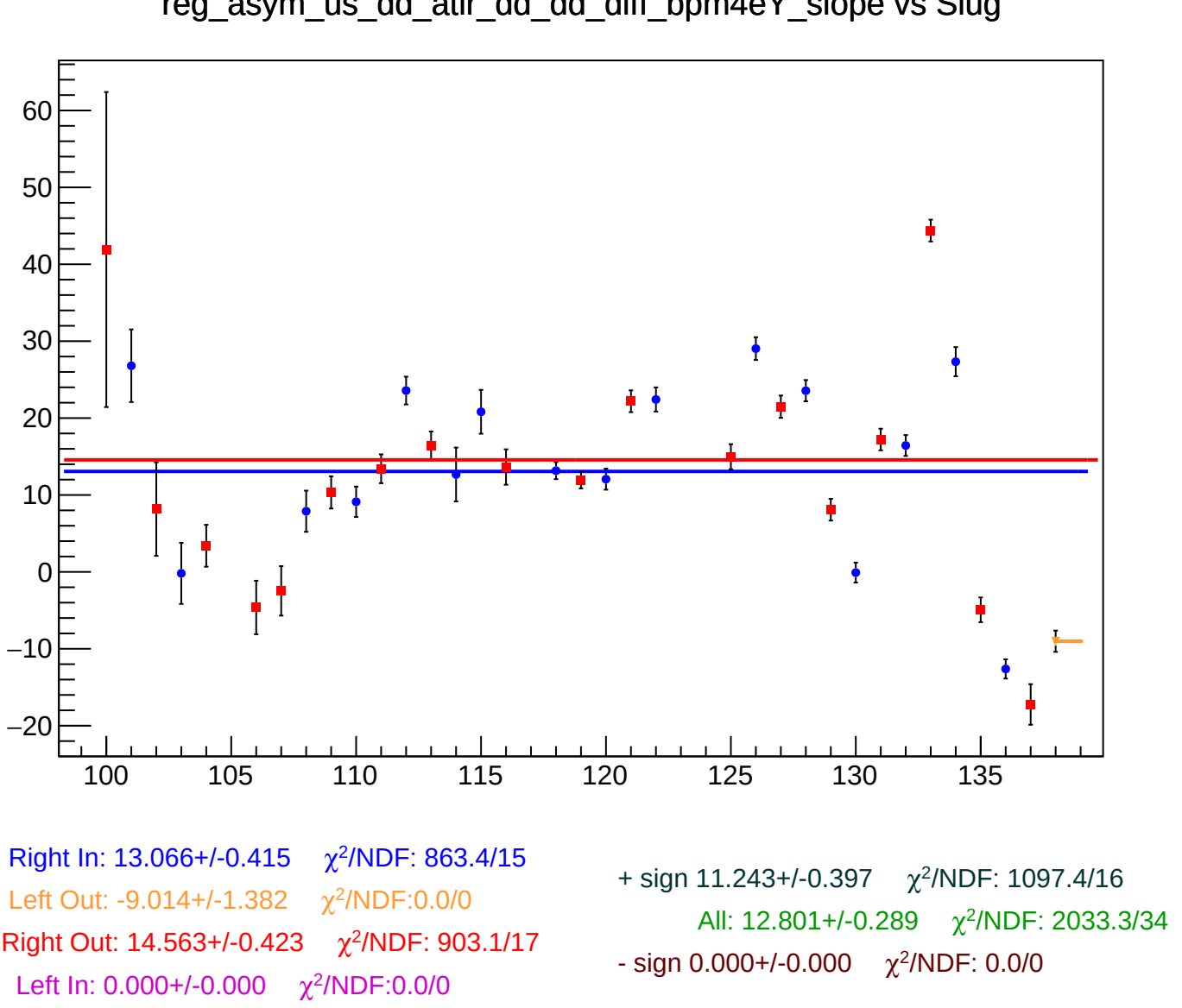
Right Out: -12.281+/-0.413 χ^2/NDF: 2590.4/17

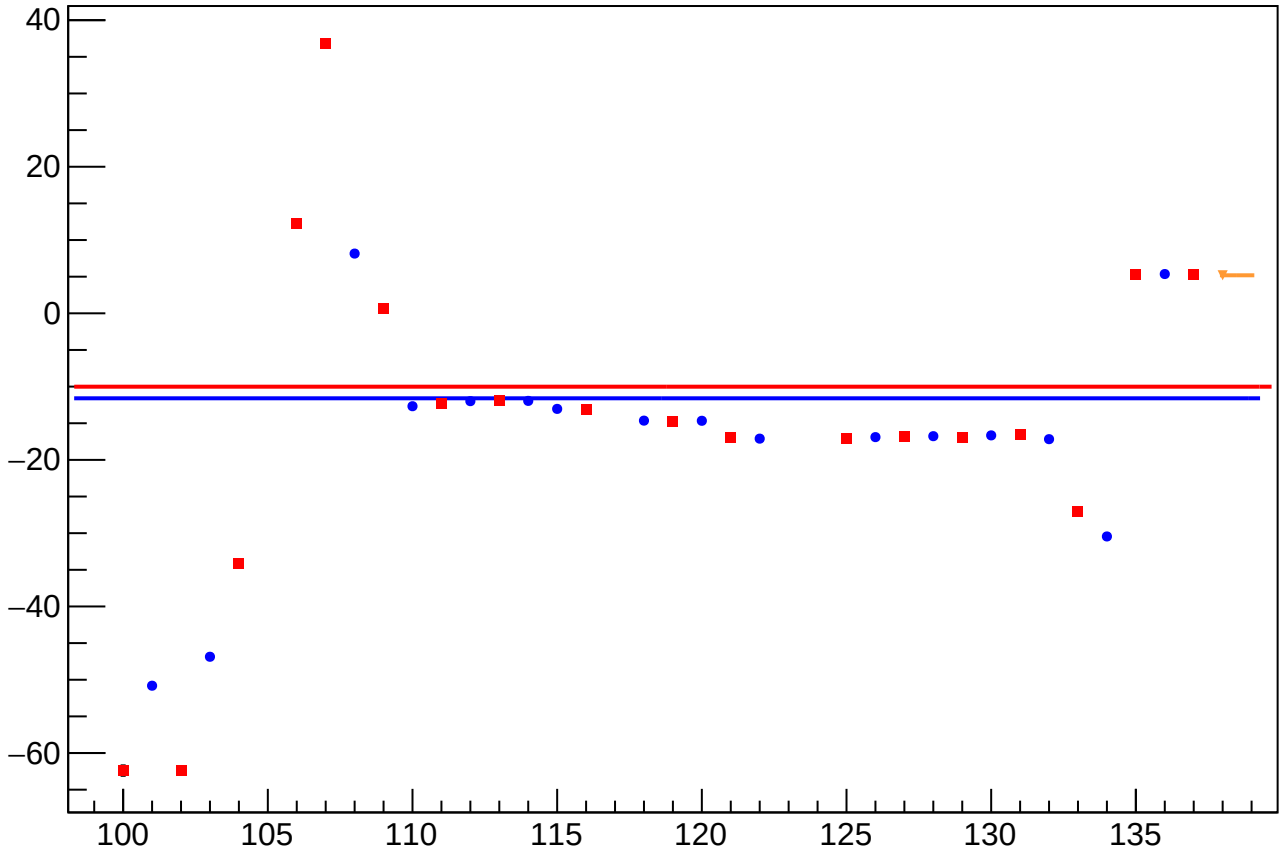
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -13.817+/-0.385 χ^2/NDF: 3030.8/16

All: -13.103+/-0.282 χ^2/NDF: 5628.7/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug
60
50
40
30
20
10
0
−10
−20
100
105
110
115
120
125
130
135
Right In: 13.066+/-0.415 χ²/NDF: 863.4/15
Left Out: -9.014+/-1.382 χ²/NDF:0.0/0
Right Out: 14.563+/-0.423 χ²/NDF: 903.1/17
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 11.243+/-0.397 χ²/NDF: 1097.4/16
All: 12.801+/-0.289 χ²/NDF: 2033.3/34
- sign 0.000+/-0.000 χ²/NDF: 0.0/0



Right In: -11.596+/-0.026 χ^2/NDF: 360523.2/15

Left Out: 5.189+/-0.048 χ^2/NDF:0.0/0

Right Out: -10.012+/-0.027 χ^2/NDF: 396286.9/17

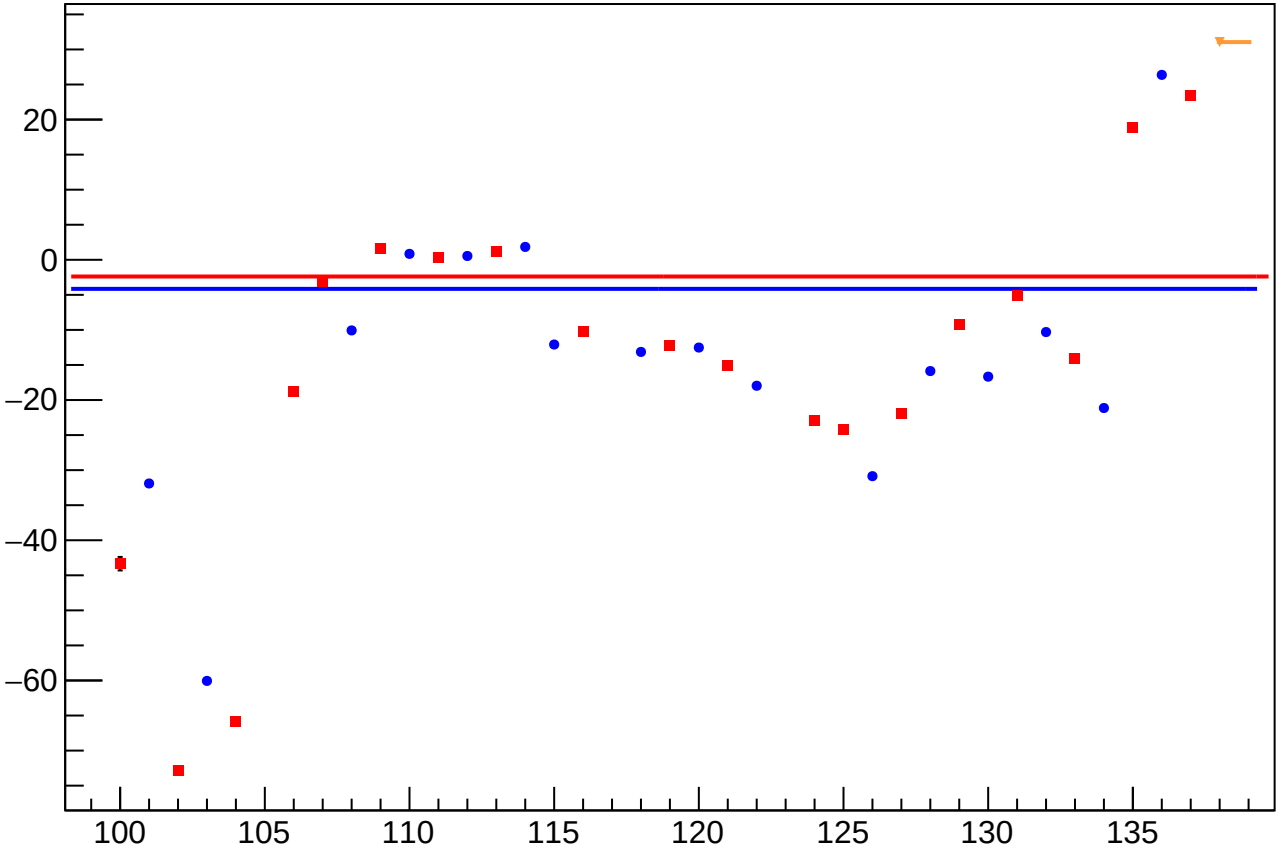
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -7.711+/-0.023 χ^2/NDF: 454733.1/16

All: -8.663+/-0.018 χ^2/NDF: 855140.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -4.145+/-0.055 χ^2/NDF: 75262.7/15

Left Out: 31.051+/-0.202 χ^2/NDF:0.0/0

Right Out: -2.382+/-0.046 χ^2/NDF: 80749.3/18

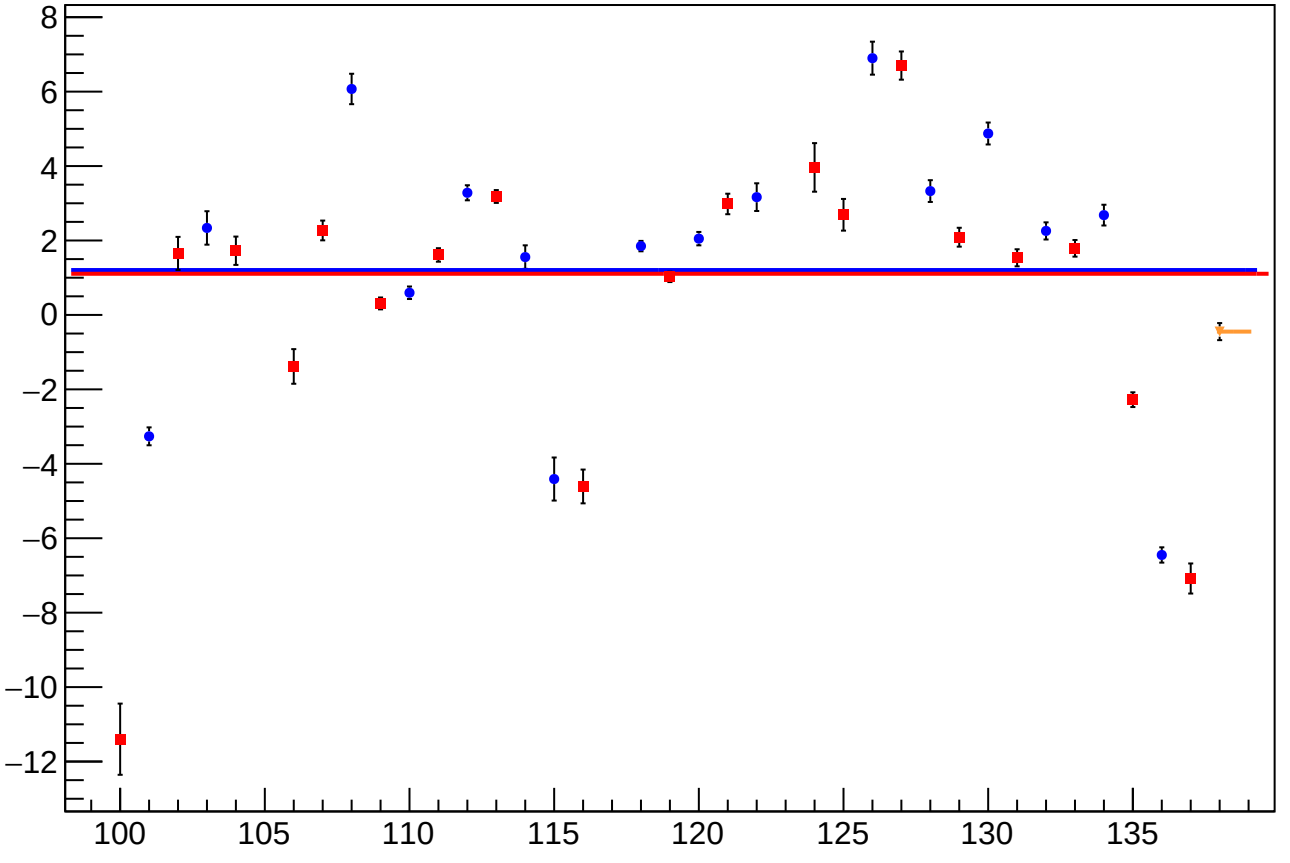
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.742+/-0.053 χ^2/NDF: 103545.5/16

All: -2.105+/-0.035 χ^2/NDF: 184378.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.206+/-0.060 χ^2/NDF: 2584.4/15

Left Out: -0.448+/-0.229 χ^2/NDF:0.0/0

Right Out: 1.106+/-0.057 χ^2/NDF: 1587.2/18

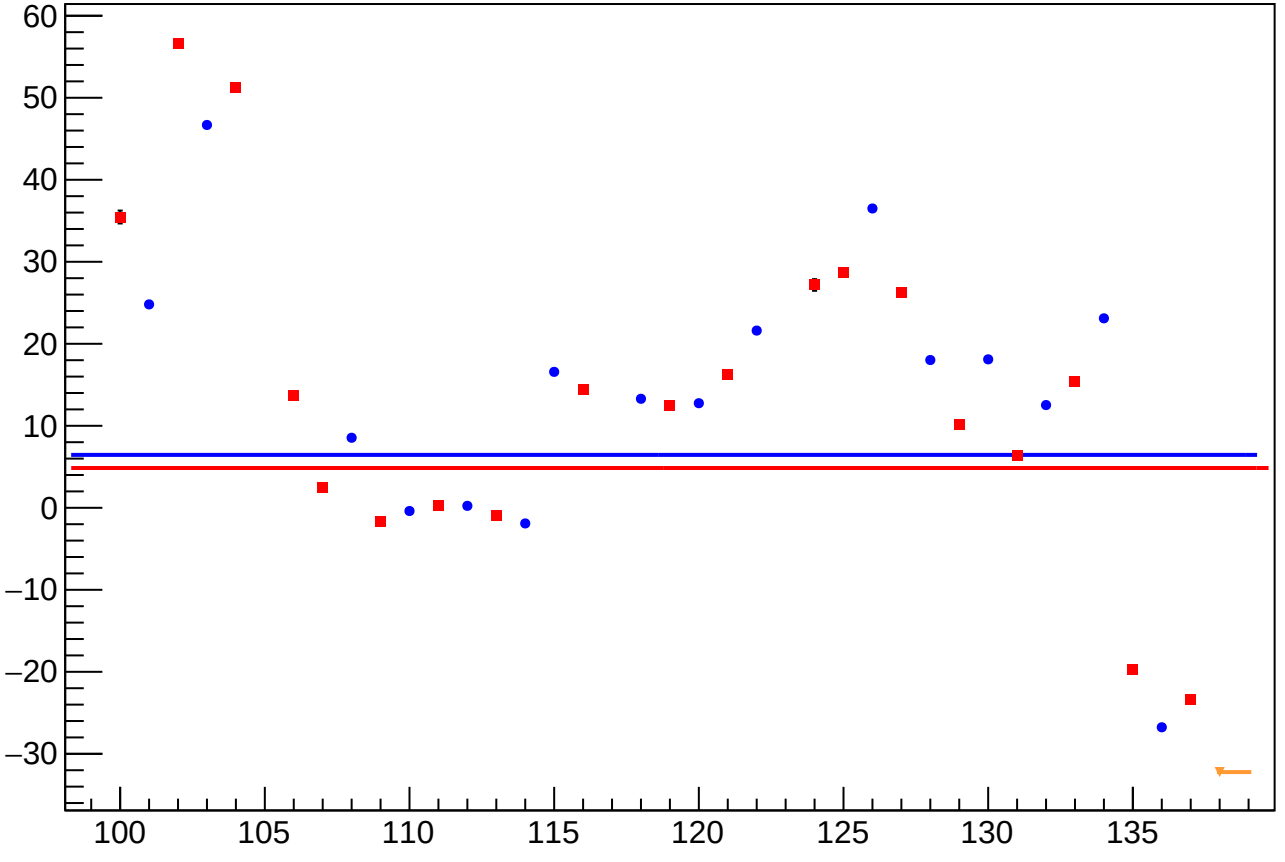
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.099+/-0.058 χ^2/NDF: 2633.1/16

All: 1.102+/-0.041 χ^2/NDF: 4220.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 6.453+/-0.065 χ^2/NDF: 70671.1/15

Left Out: -32.224+/-0.211 χ^2/NDF:0.0/0

Right Out: 4.854+/-0.059 χ^2/NDF: 75267.0/18

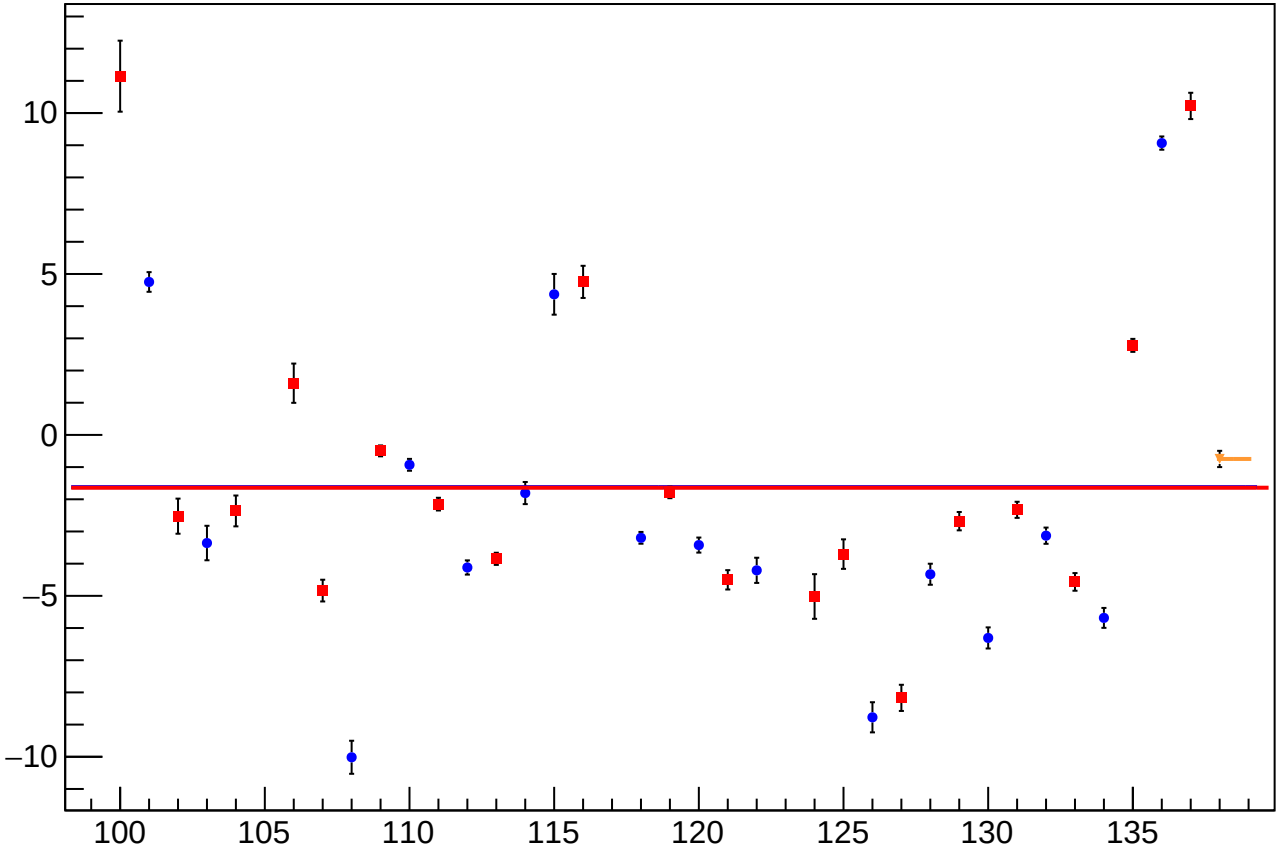
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.086+/-0.062 χ^2/NDF: 101290.2/16

All: 4.016+/-0.043 χ^2/NDF: 176980.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.622+/-0.070 χ^2/NDF: 4525.3/15

Left Out: -0.747+/-0.253 χ^2/NDF:0.0/0

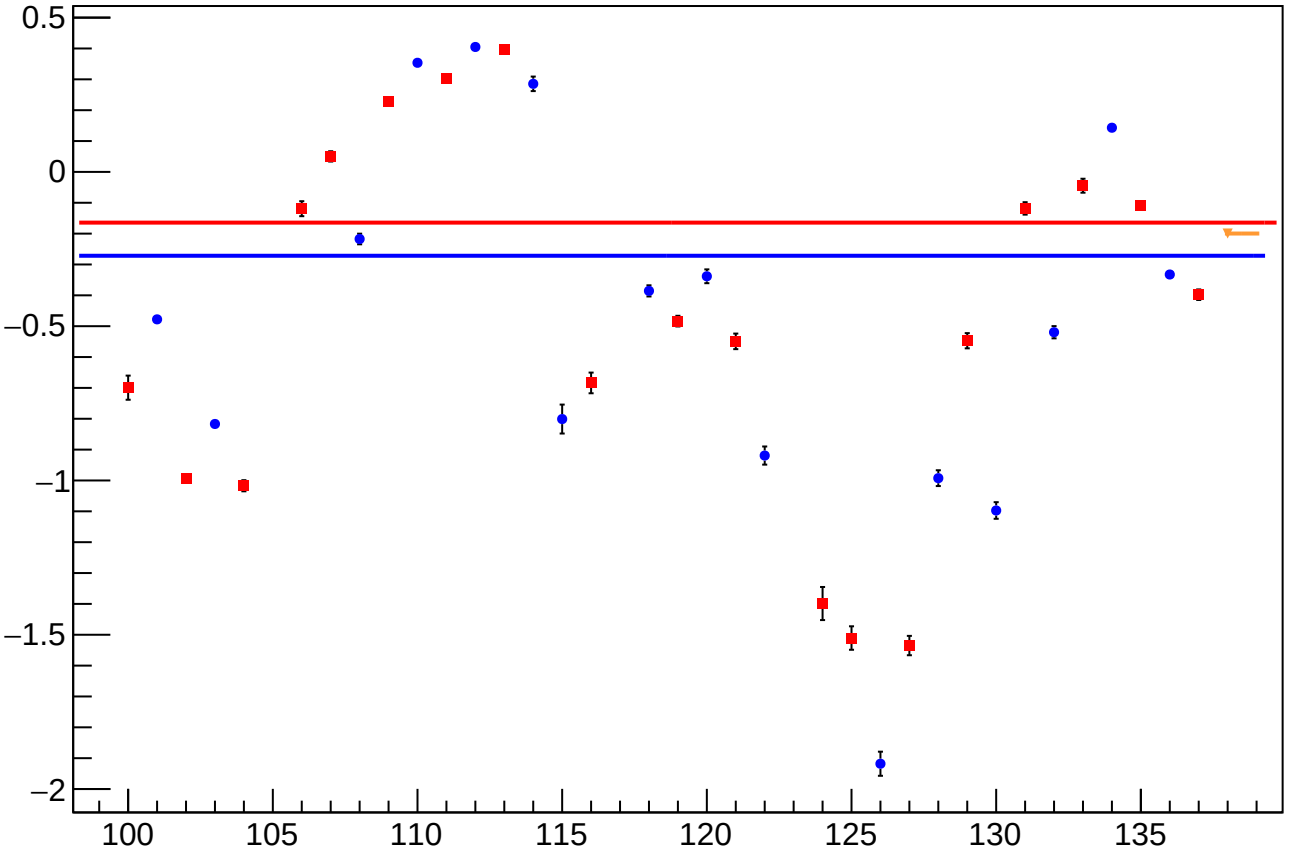
Right Out: -1.640+/-0.065 χ^2/NDF: 2462.1/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.560+/-0.067 χ^2/NDF: 4536.4/16

All: -1.602+/-0.047 χ^2/NDF: 6999.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.272+/-0.004 χ^2/NDF: 12048.2/15

Left Out: -0.200+/-0.008 χ^2/NDF:0.0/0

Right Out: -0.164+/-0.004 χ^2/NDF: 15497.0/18

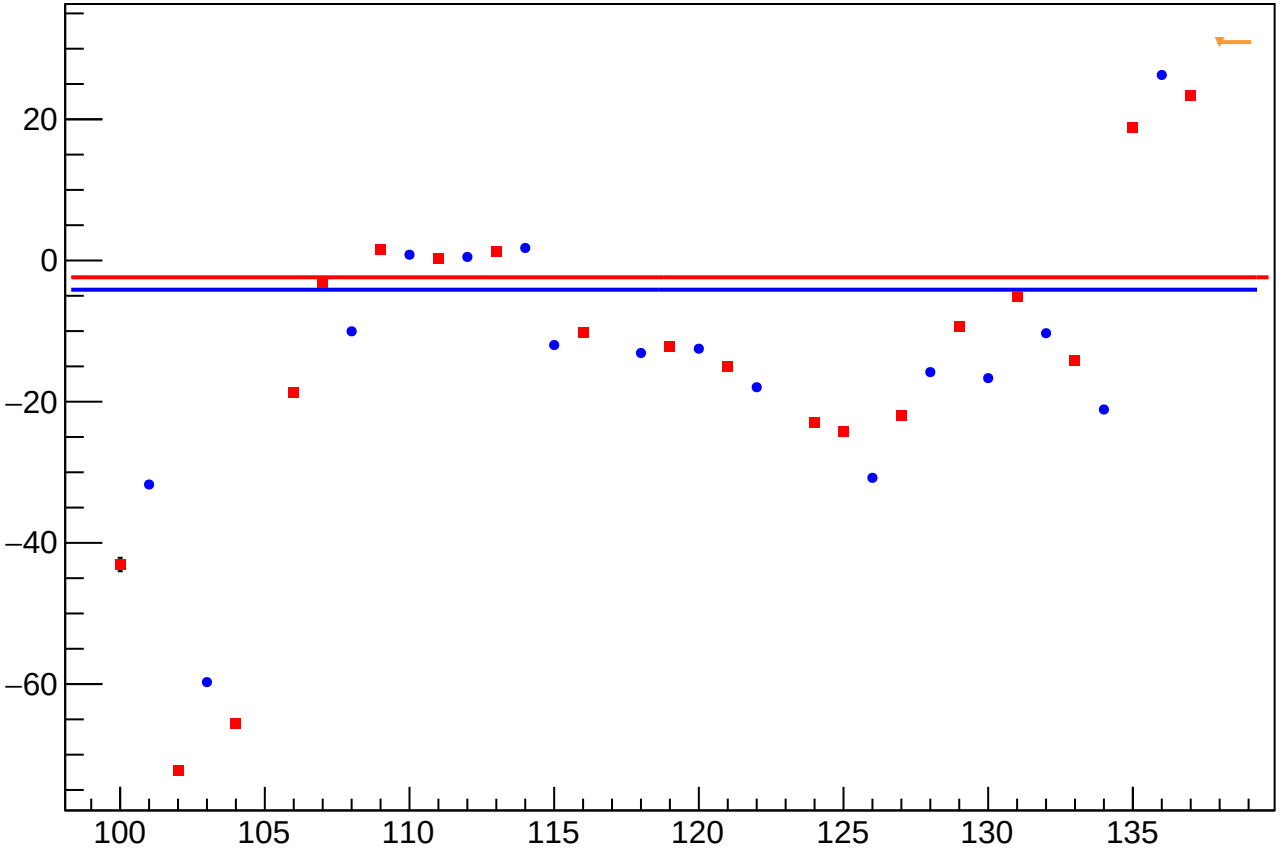
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.257+/-0.004 χ^2/NDF: 12109.9/16

All: -0.212+/-0.003 χ^2/NDF: 27911.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -4.139+/-0.054 χ^2/NDF: 75240.1/15

Left Out: 30.937+/-0.201 χ^2/NDF:0.0/0

Right Out: -2.380+/-0.046 χ^2/NDF: 80668.5/18

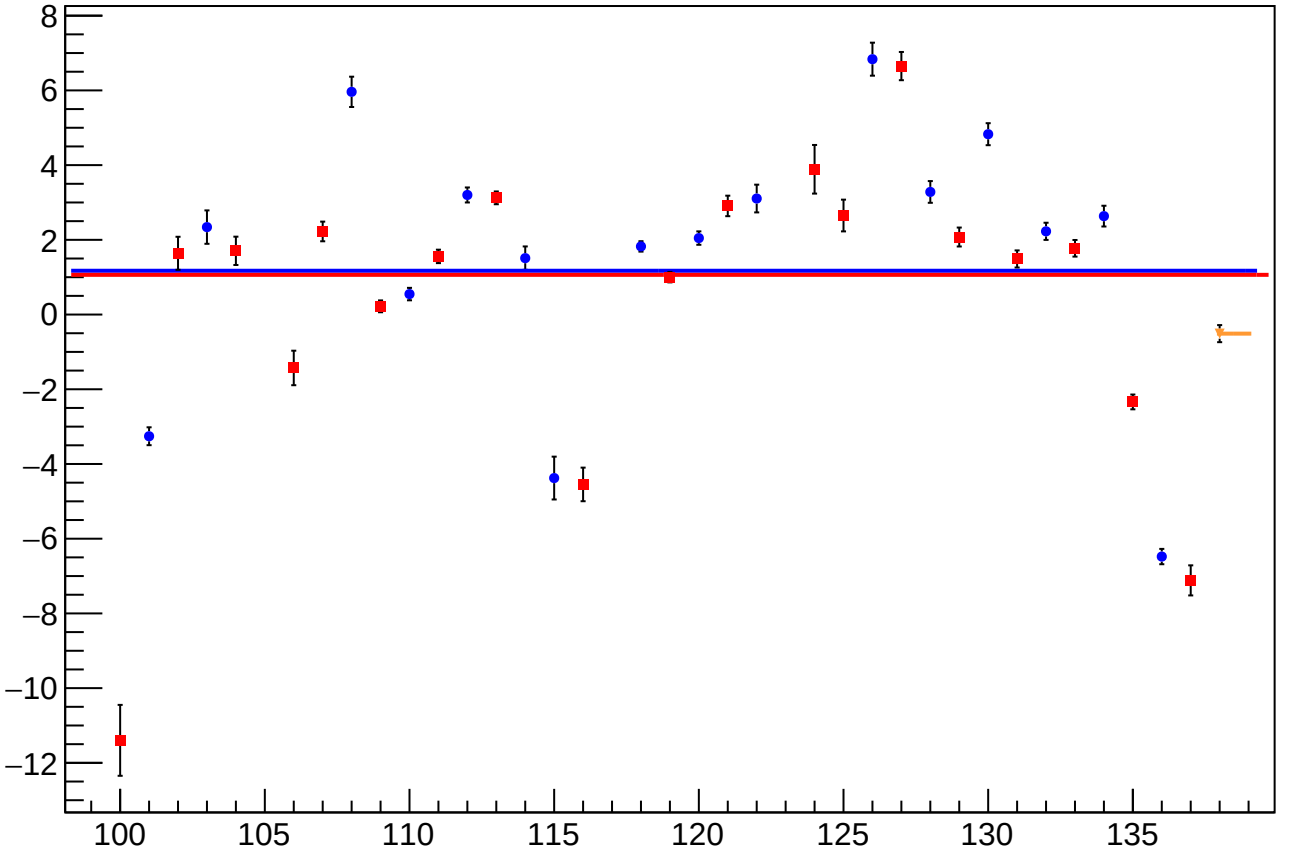
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.759+/-0.052 χ^2/NDF: 103507.0/16

All: -2.111+/-0.035 χ^2/NDF: 184255.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.172+/-0.060 χ^2/NDF: 2584.5/15

Left Out: -0.511+/-0.229 χ^2/NDF:0.0/0

Right Out: 1.063+/-0.057 χ^2/NDF: 1596.5/18

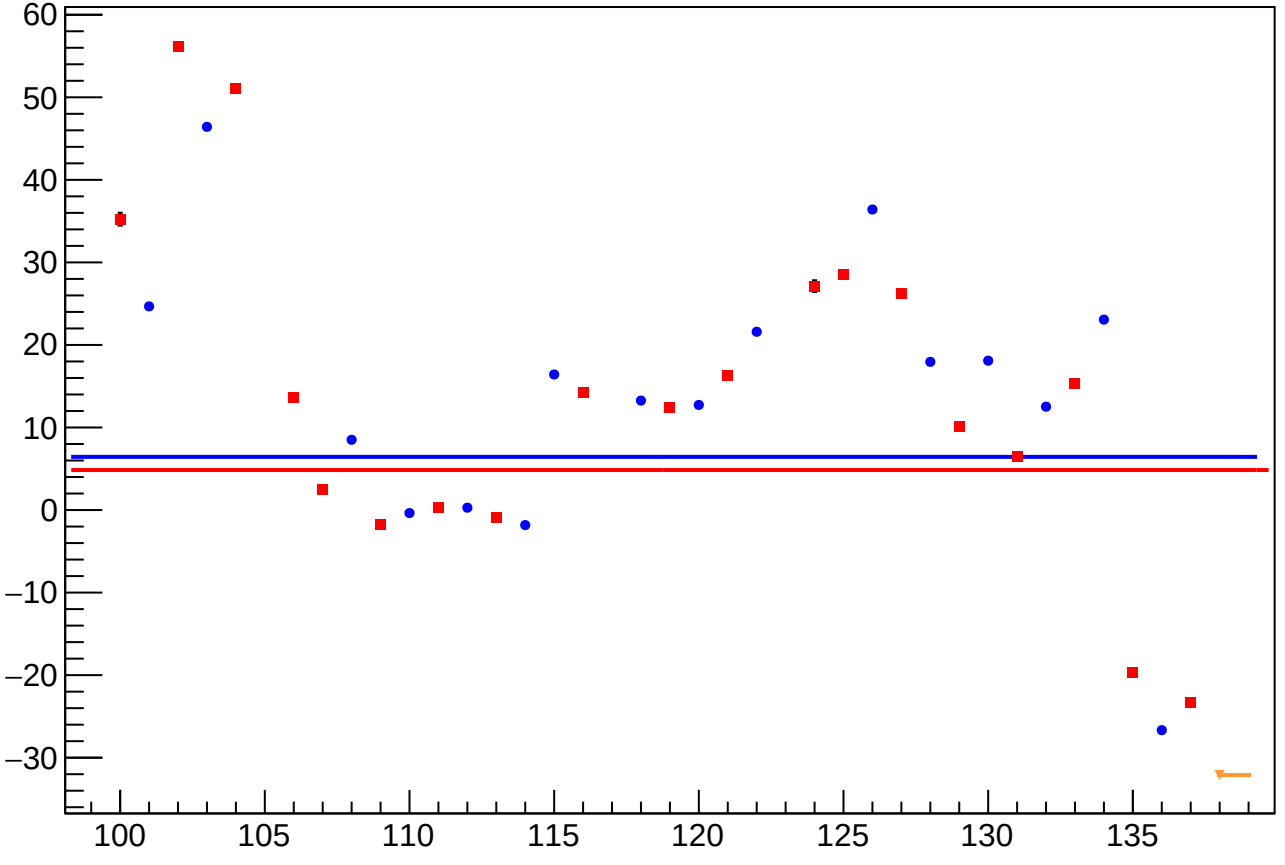
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.063+/-0.058 χ^2/NDF: 2635.2/16

All: 1.063+/-0.041 χ^2/NDF: 4231.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 6.442+/-0.065 χ^2/NDF: 70630.3/15

Left Out: -32.104+/-0.211 χ^2/NDF:0.0/0

Right Out: 4.848+/-0.059 χ^2/NDF: 75159.9/18

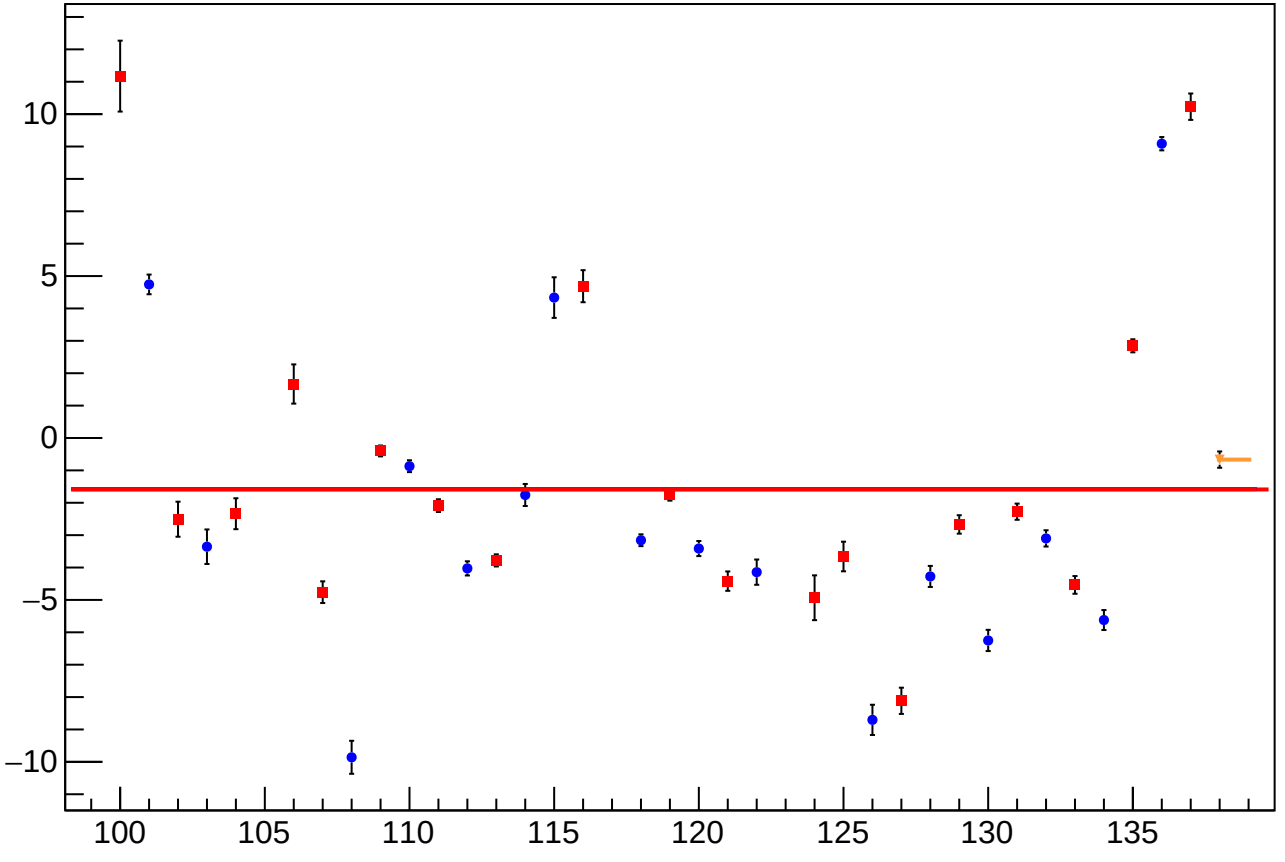
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.103+/-0.062 χ^2/NDF: 101234.2/16

All: 4.021+/-0.043 χ^2/NDF: 176811.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.580+/-0.069 χ^2/NDF: 4524.3/15

Left Out: -0.668+/-0.252 χ^2/NDF:0.0/0

Right Out: -1.589+/-0.064 χ^2/NDF: 2472.2/18

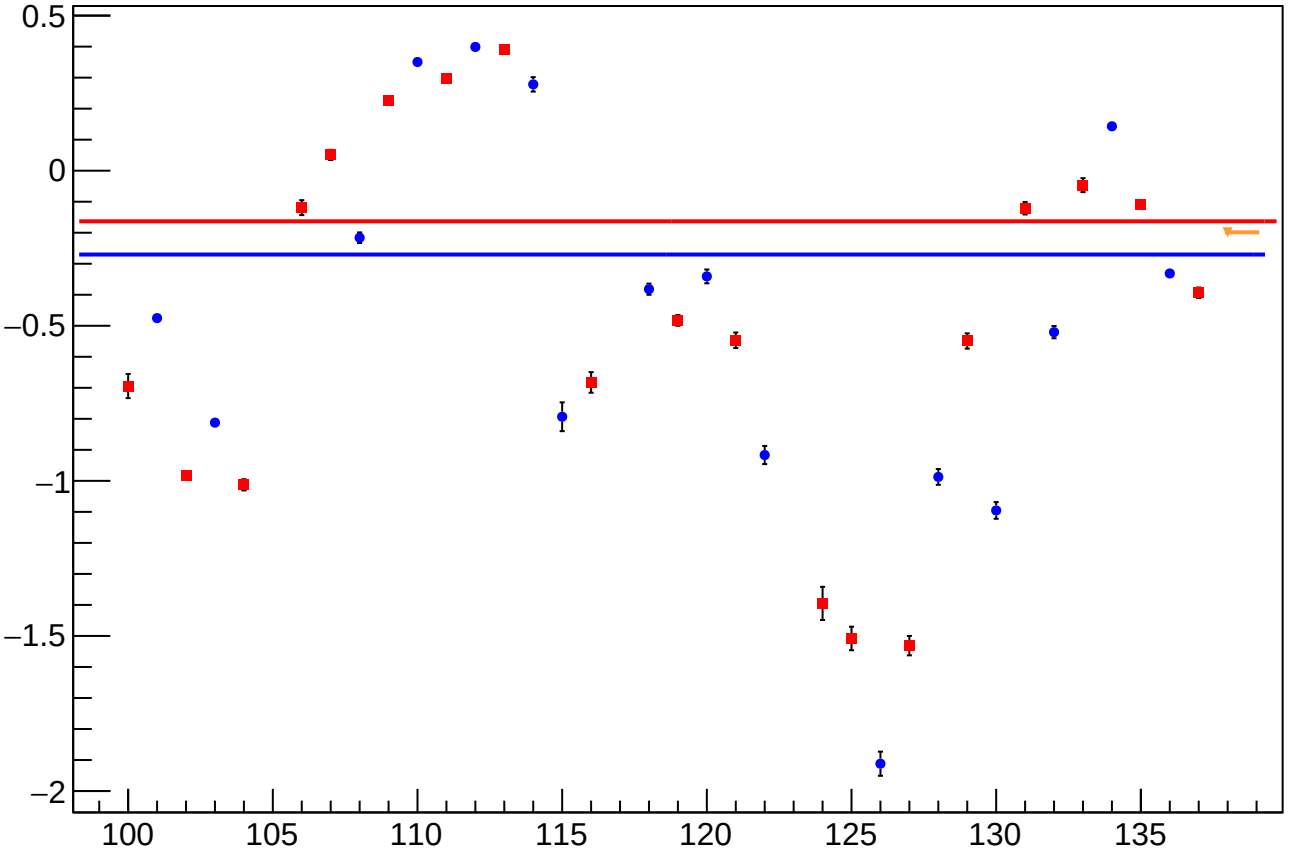
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.516+/-0.067 χ^2/NDF: 4536.5/16

All: -1.554+/-0.046 χ^2/NDF: 7009.3/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.270+/-0.004 χ^2/NDF: 12036.3/15

Left Out: -0.199+/-0.008 χ^2/NDF:0.0/0

Right Out: -0.163+/-0.004 χ^2/NDF: 15510.0/18

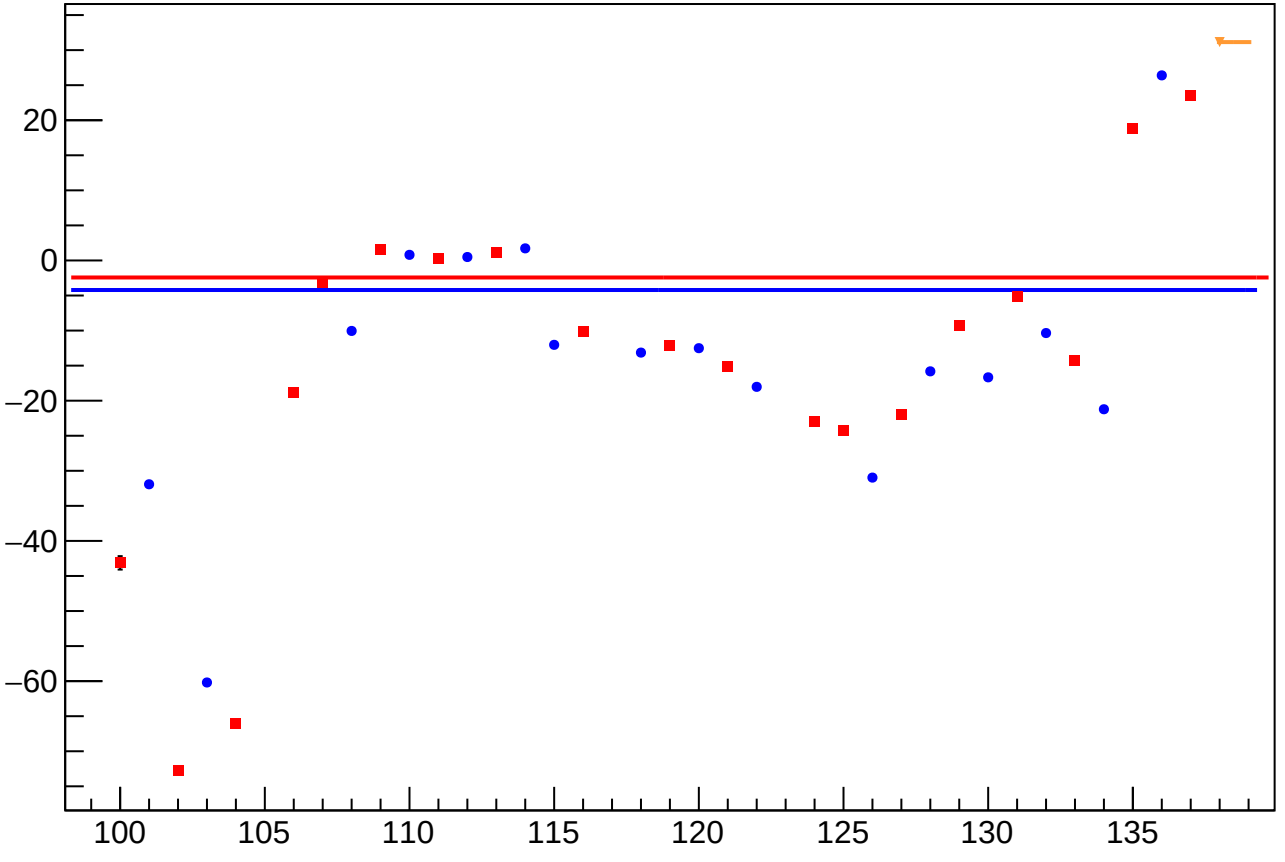
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.256+/-0.004 χ^2/NDF: 12097.6/16

All: -0.211+/-0.003 χ^2/NDF: 27914.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -4.214+/-0.055 χ^2/NDF: 75215.4/15

Left Out: 31.145+/-0.202 χ^2/NDF:0.0/0

Right Out: -2.427+/-0.046 χ^2/NDF: 80724.5/18

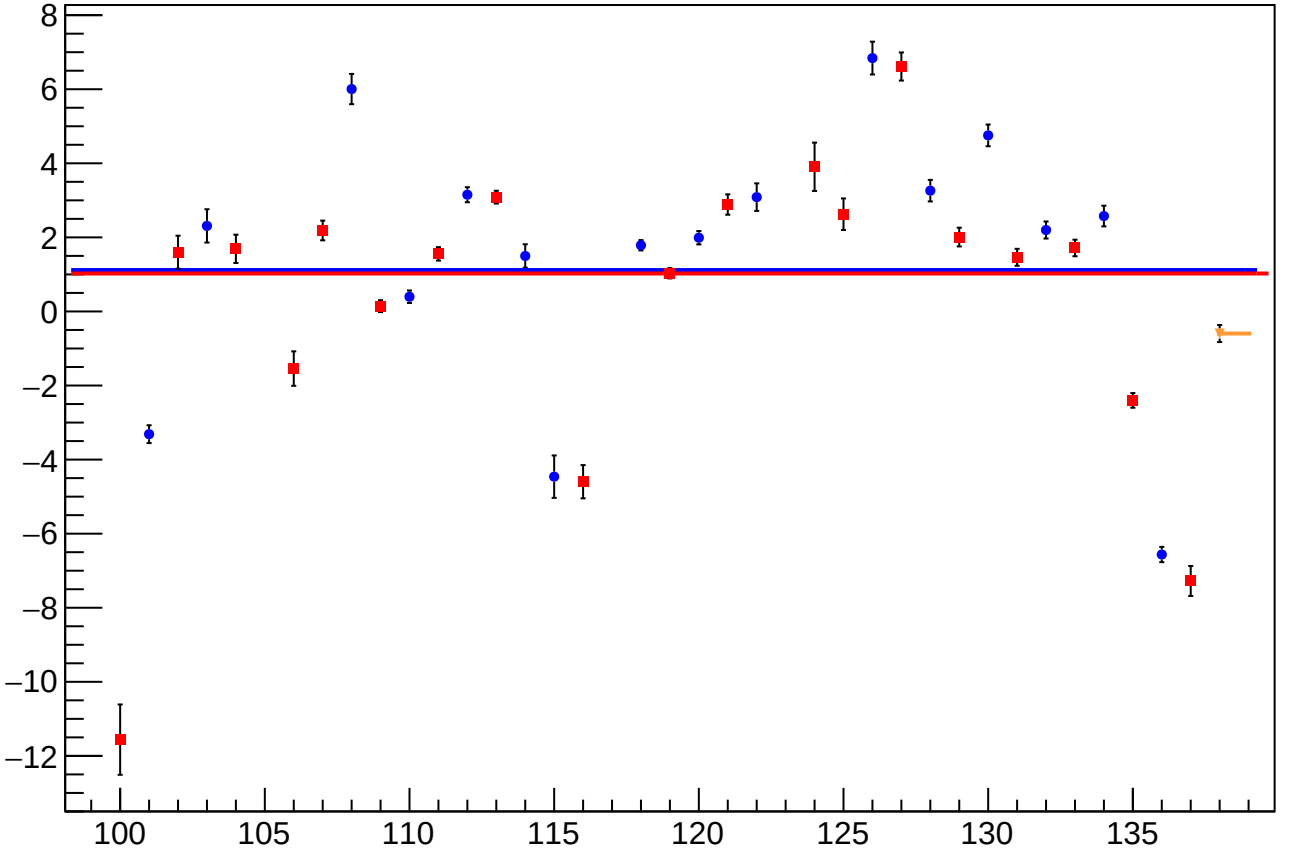
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.807+/-0.053 χ^2/NDF: 103653.1/16

All: -2.159+/-0.035 χ^2/NDF: 184455.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.118+/-0.060 χ^2/NDF: 2591.7/15

Left Out: -0.596+/-0.230 χ^2/NDF:0.0/0

Right Out: 1.025+/-0.057 χ^2/NDF: 1612.0/18

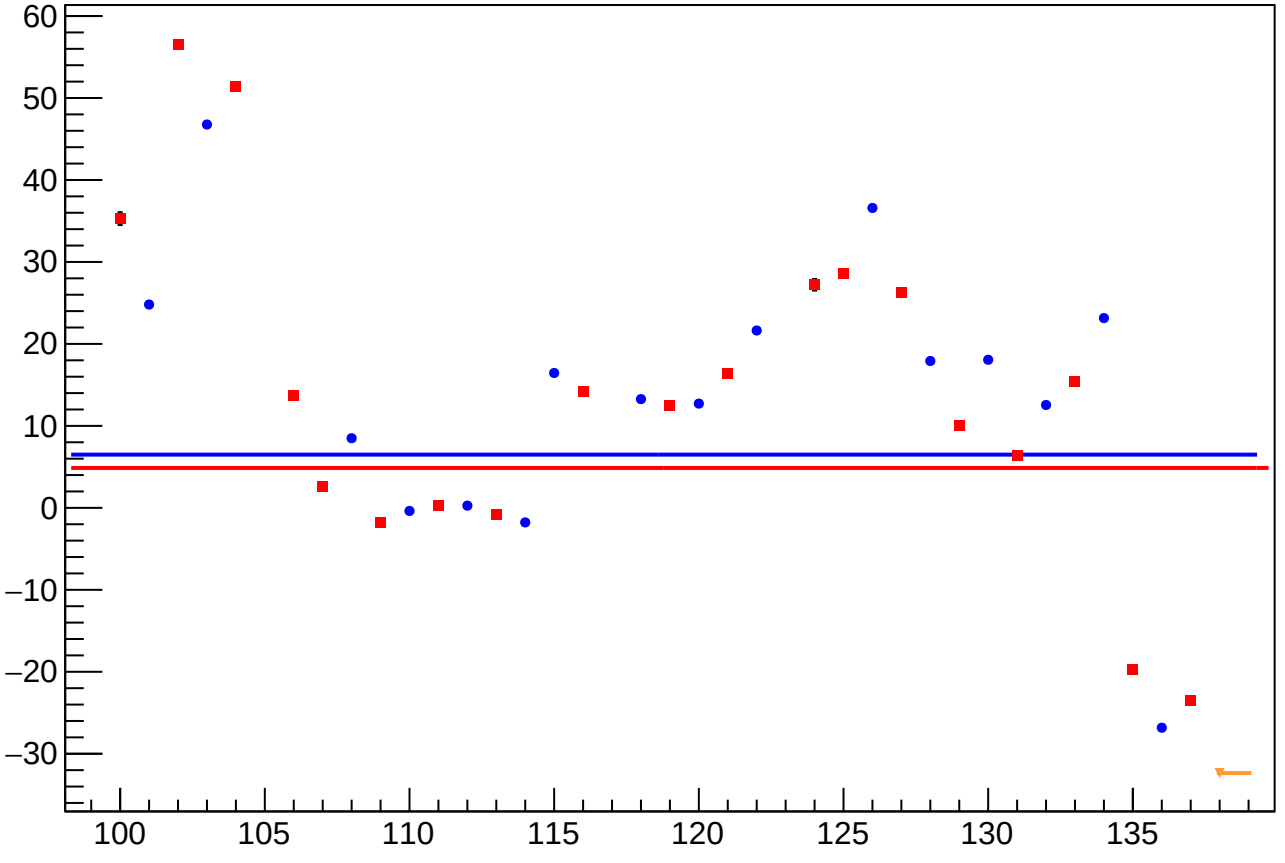
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.007+/-0.058 χ^2/NDF: 2643.7/16

All: 1.016+/-0.041 χ^2/NDF: 4255.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 6.492+/-0.065 χ^2/NDF: 70623.9/15

Left Out: -32.355+/-0.212 χ^2/NDF:0.0/0

Right Out: 4.869+/-0.059 χ^2/NDF: 75265.6/18

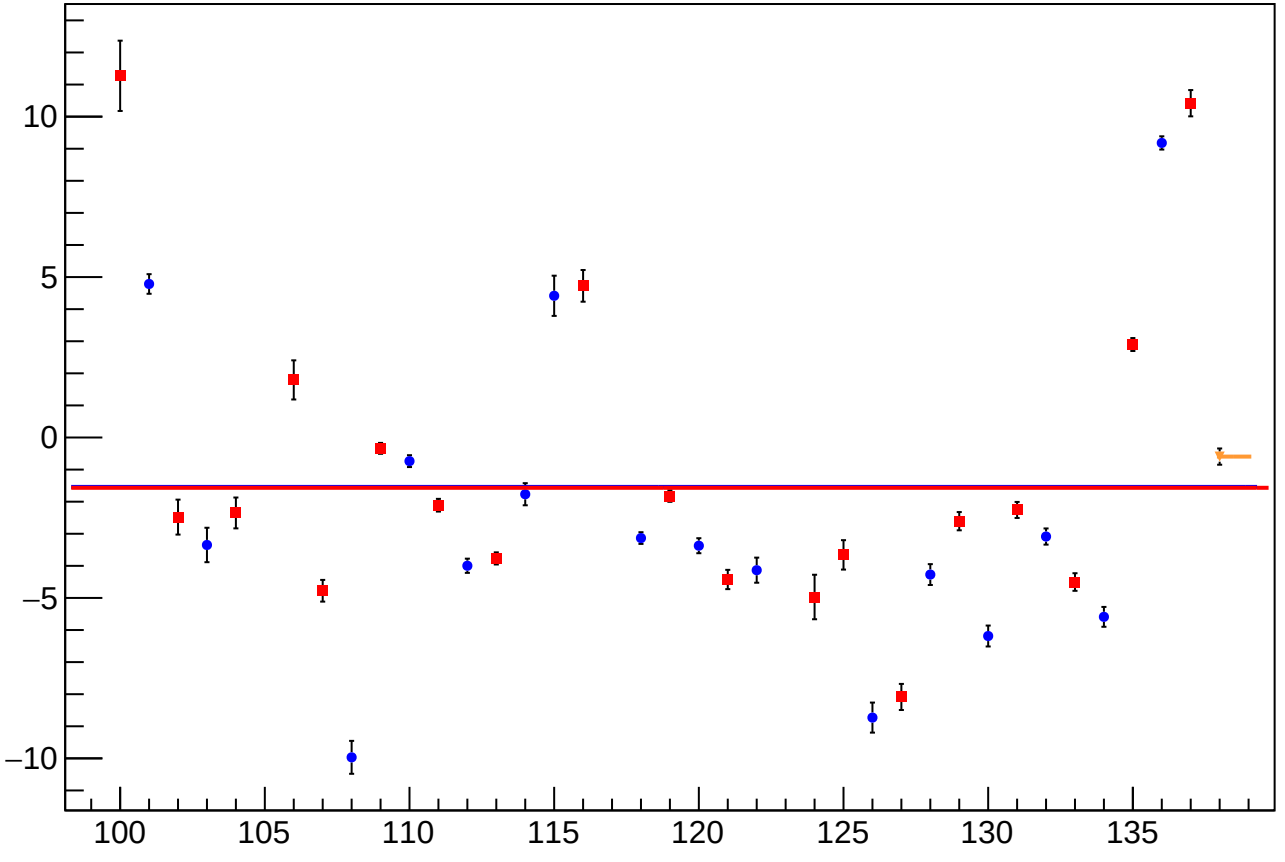
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.122+/-0.062 χ^2/NDF: 101398.8/16

All: 4.040+/-0.043 χ^2/NDF: 177077.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.540+/-0.070 χ^2/NDF: 4535.9/15

Left Out: -0.595+/-0.253 χ^2/NDF:0.0/0

Right Out: -1.567+/-0.065 χ^2/NDF: 2497.0/18

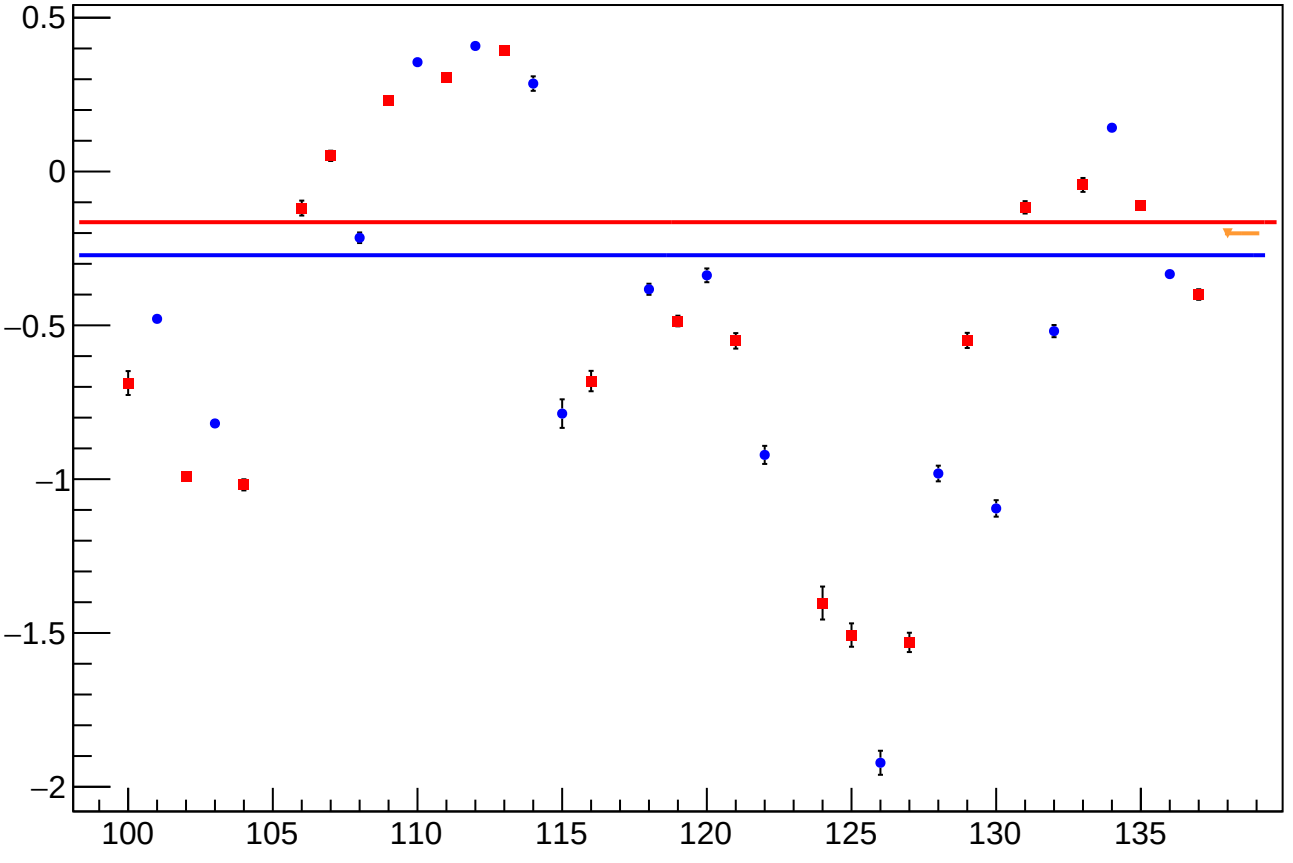
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.473+/-0.067 χ^2/NDF: 4548.9/16

All: -1.522+/-0.047 χ^2/NDF: 7046.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.272+/-0.004 χ^2/NDF: 12063.6/15

Left Out: -0.201+/-0.008 χ^2/NDF:0.0/0

Right Out: -0.165+/-0.004 χ^2/NDF: 15490.5/18

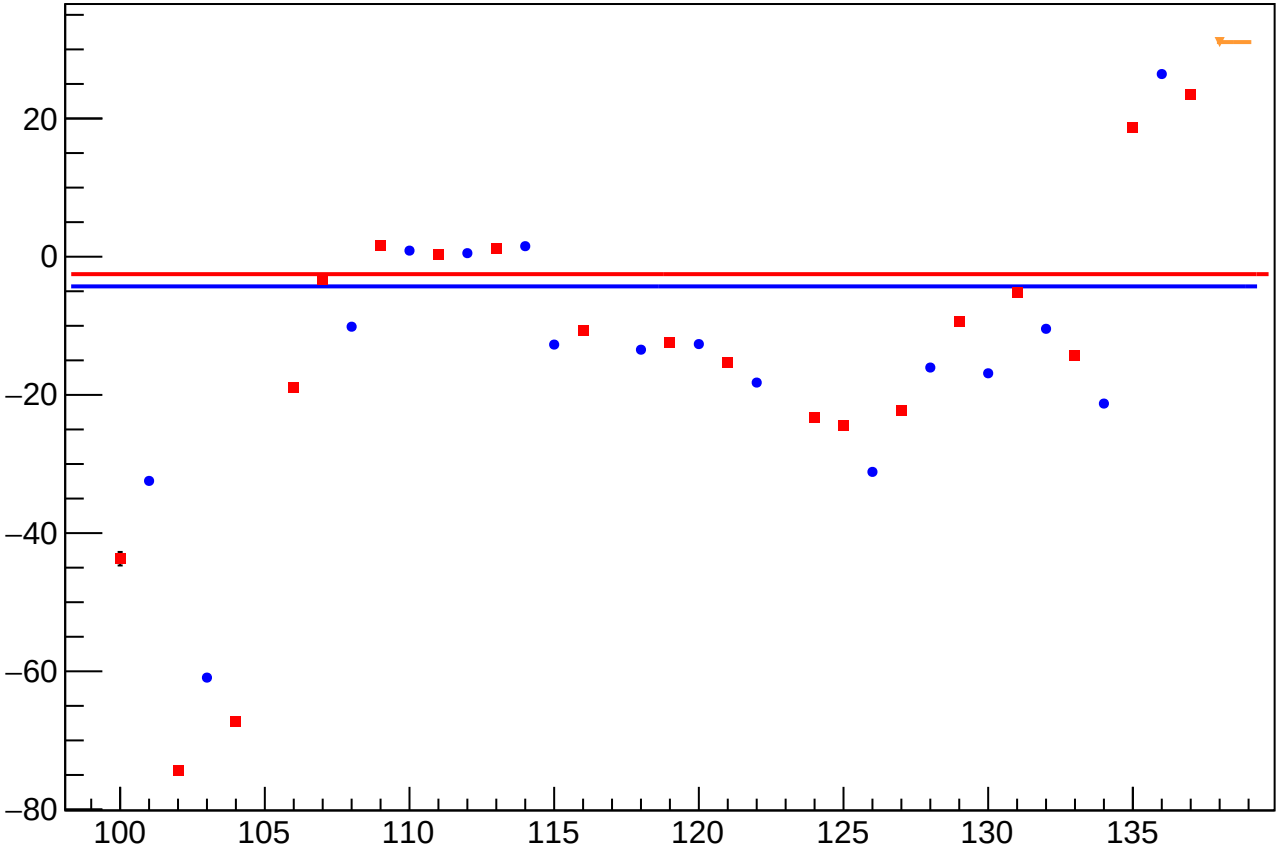
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.257+/-0.004 χ^2/NDF: 12123.6/16

All: -0.212+/-0.003 χ^2/NDF: 27919.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -4.296+/-0.056 χ^2/NDF: 74218.3/15

Left Out: 31.059+/-0.204 χ^2/NDF:0.0/0

Right Out: -2.524+/-0.047 χ^2/NDF: 79883.8/18

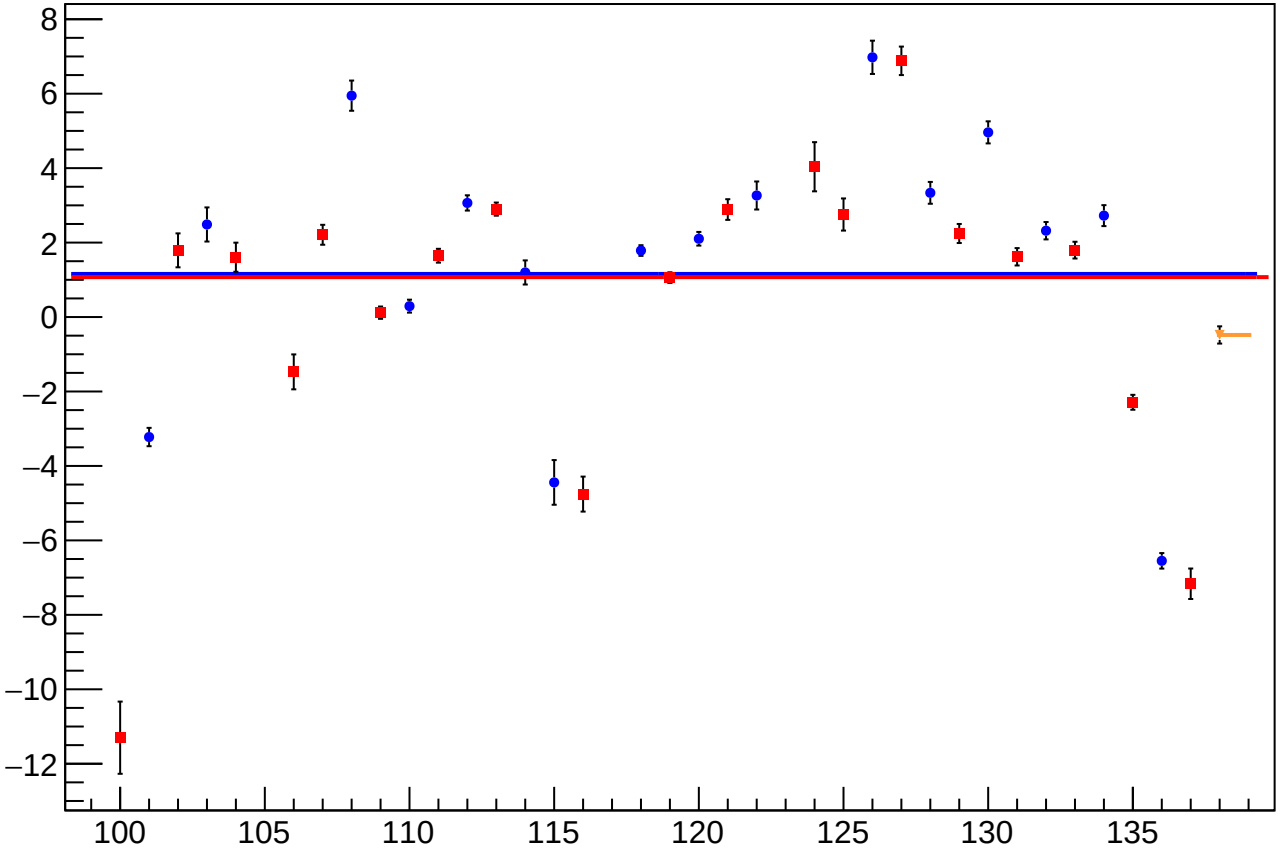
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.843+/-0.054 χ^2/NDF: 102135.2/16

All: -2.228+/-0.035 χ^2/NDF: 182109.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.158+/-0.062 χ^2/NDF: 2549.9/15

Left Out: -0.481+/-0.232 χ^2/NDF:0.0/0

Right Out: 1.072+/-0.058 χ^2/NDF: 1551.4/18

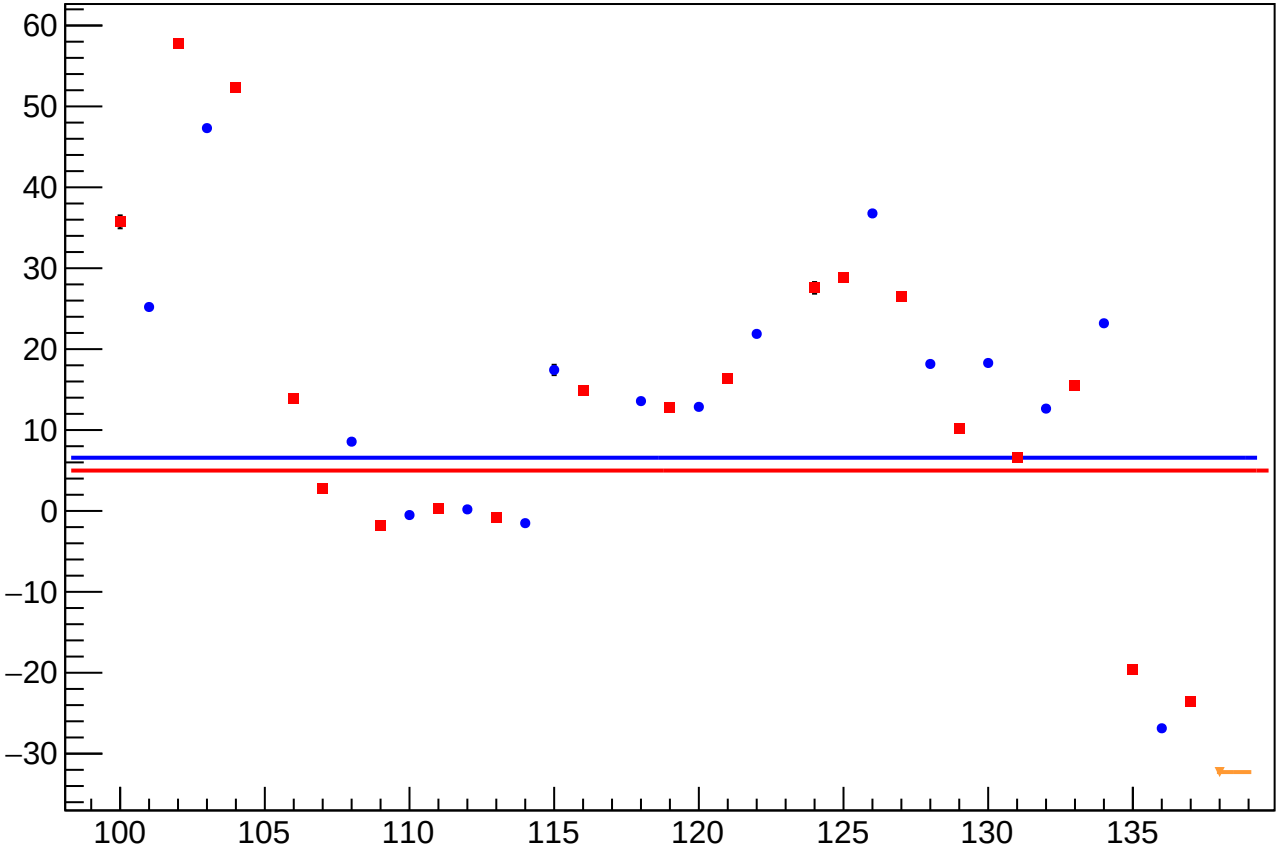
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.050+/-0.059 χ^2/NDF: 2596.7/16

All: 1.061+/-0.042 χ^2/NDF: 4148.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 6.578+/-0.066 χ^2/NDF: 69731.5/15

Left Out: -32.276+/-0.213 χ^2/NDF:0.0/0

Right Out: 4.992+/-0.060 χ^2/NDF: 74461.3/18

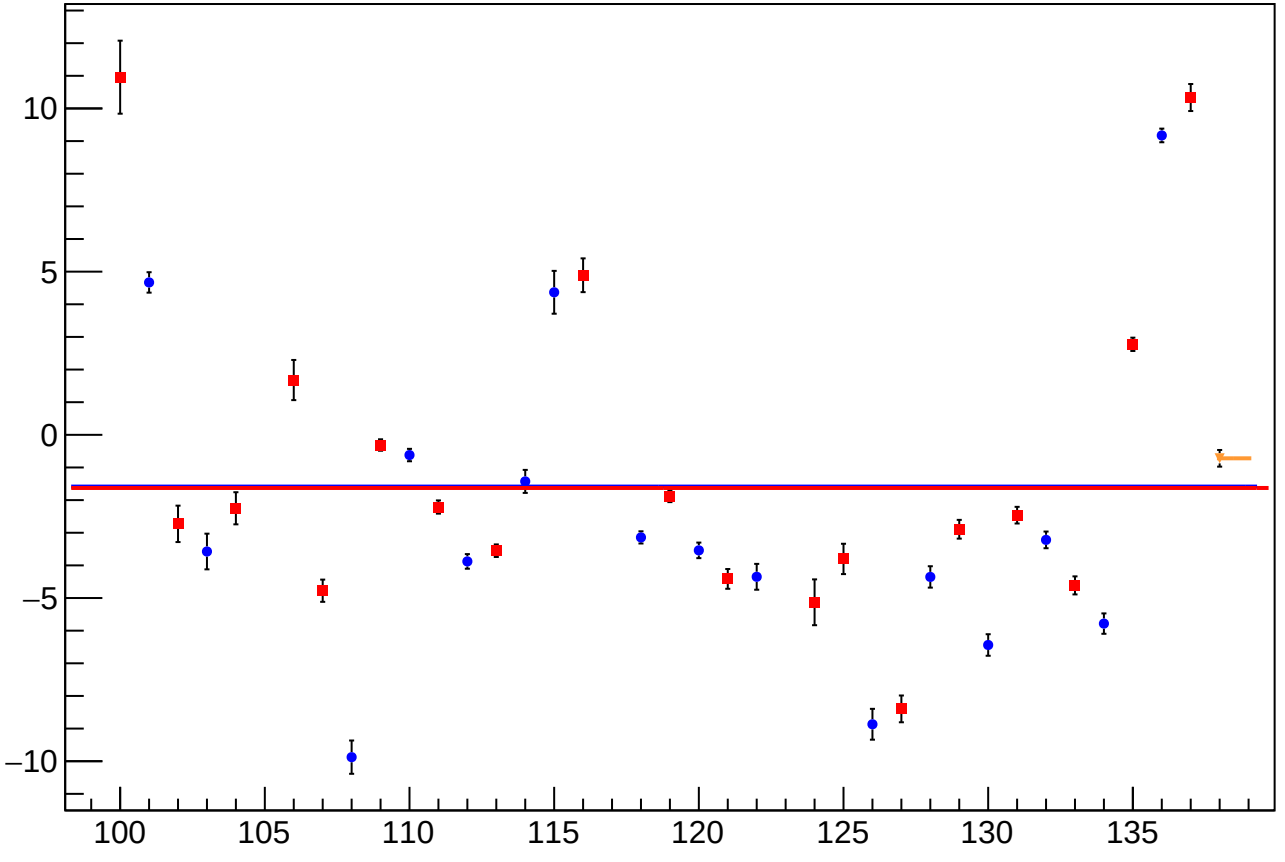
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.149+/-0.063 χ^2/NDF: 99954.0/16

All: 4.115+/-0.044 χ^2/NDF: 174858.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.586+/-0.071 χ^2/NDF: 4472.6/15

Left Out: -0.719+/-0.255 χ^2/NDF:0.0/0

Right Out: -1.628+/-0.066 χ^2/NDF: 2422.3/18

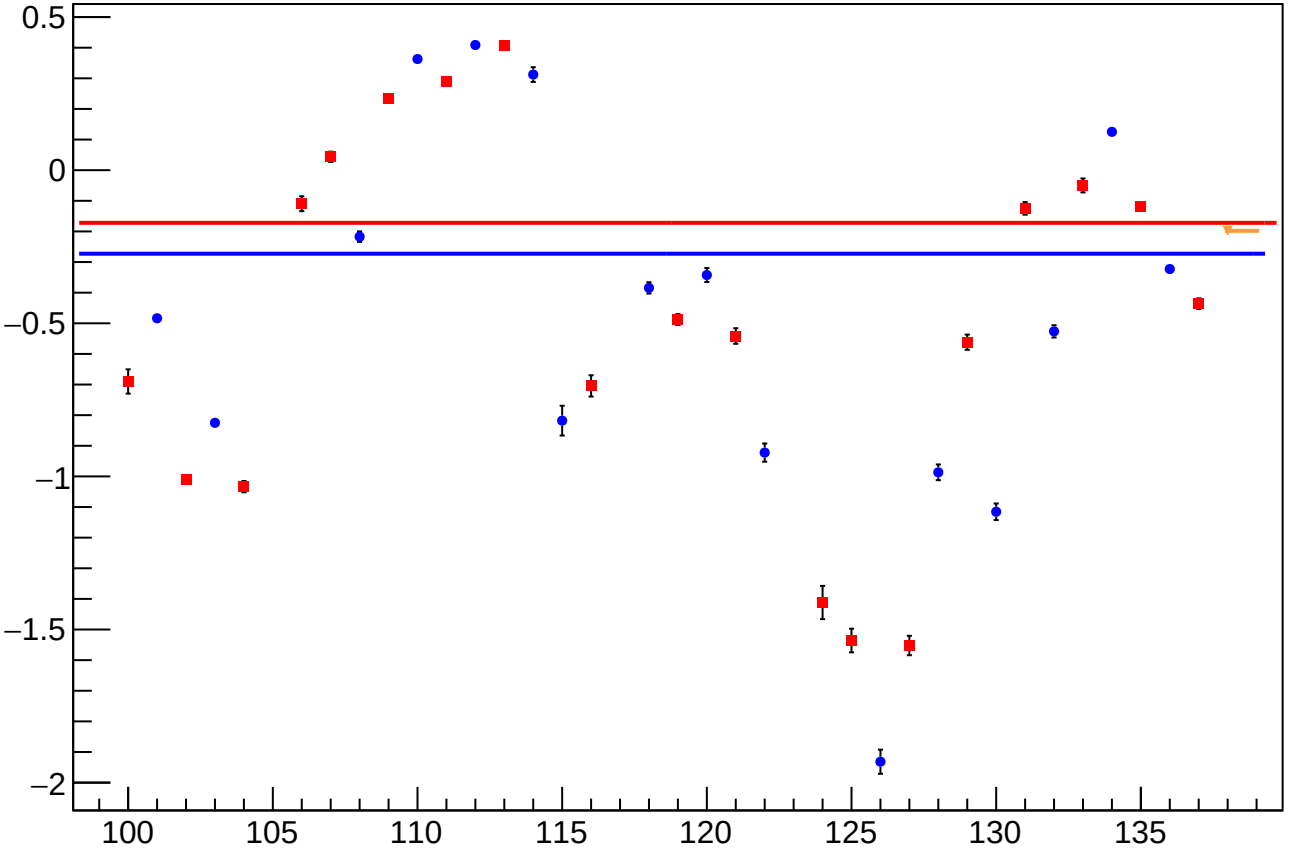
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.524+/-0.068 χ^2/NDF: 4483.3/16

All: -1.578+/-0.047 χ^2/NDF: 6906.8/35

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.273+/-0.004 χ^2/NDF: 11856.3/15

Left Out: -0.198+/-0.008 χ^2/NDF:0.0/0

Right Out: -0.172+/-0.004 χ^2/NDF: 15322.3/18

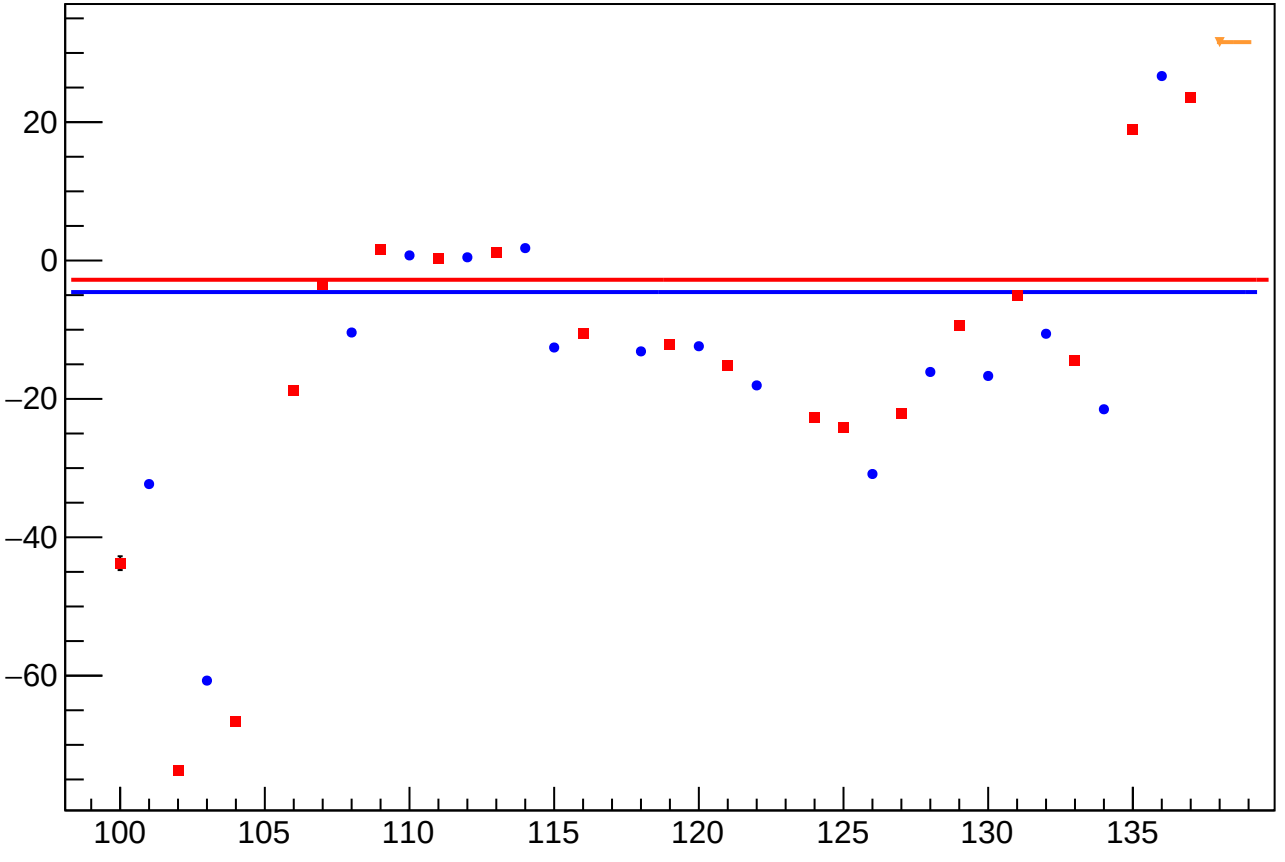
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.257+/-0.004 χ^2/NDF: 11921.1/16

All: -0.216+/-0.003 χ^2/NDF: 27493.6/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -4.557+/-0.057 χ^2/NDF: 72635.2/15

Left Out: 31.566+/-0.210 χ^2/NDF:0.0/0

Right Out: -2.780+/-0.049 χ^2/NDF: 77905.3/18

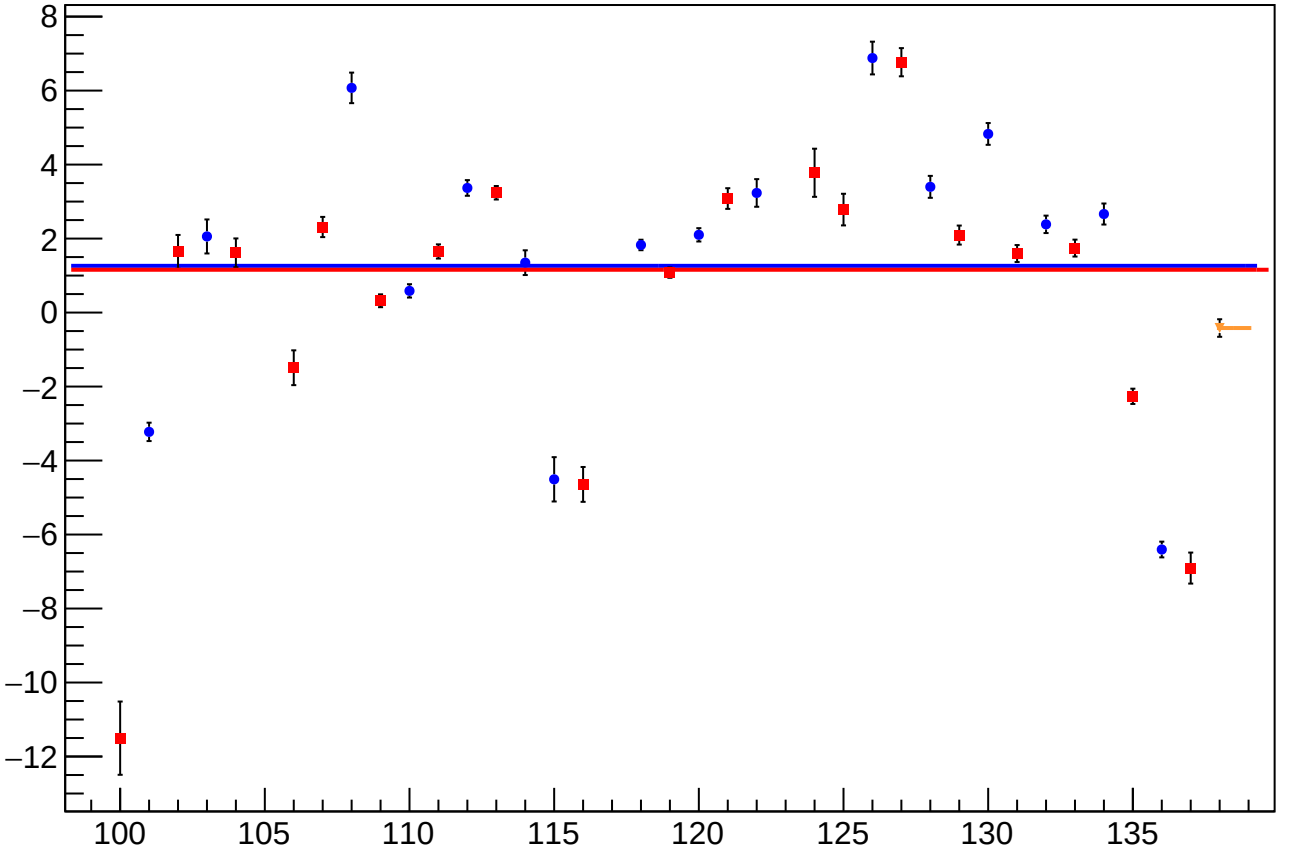
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -2.089+/-0.055 χ^2/NDF: 100275.7/16

All: -2.477+/-0.036 χ^2/NDF: 178270.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.263+/-0.062 χ^2/NDF: 2443.8/15

Left Out: -0.418+/-0.237 χ^2/NDF:0.0/0

Right Out: 1.157+/-0.059 χ^2/NDF: 1490.5/18

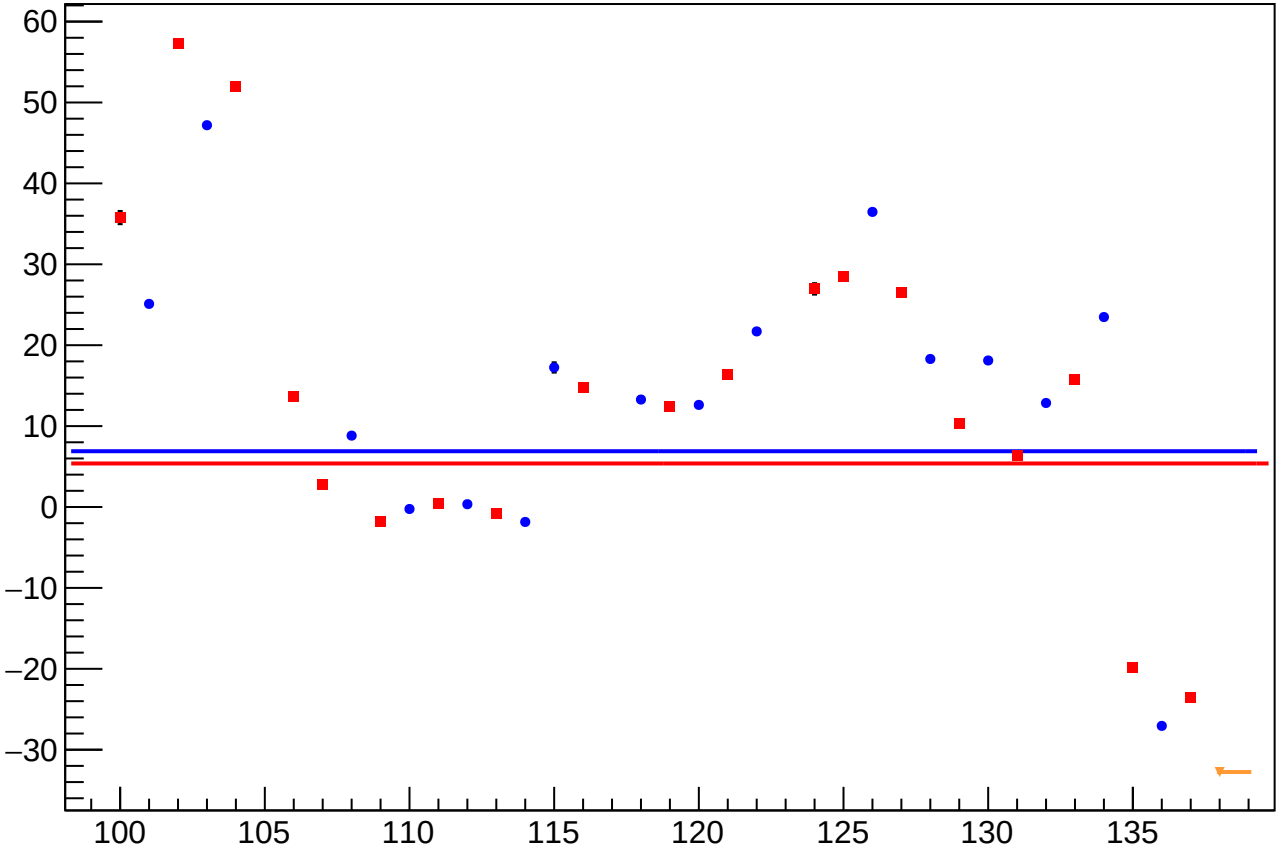
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.156+/-0.060 χ^2/NDF: 2490.8/16

All: 1.156+/-0.042 χ^2/NDF: 3981.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 6.895+/-0.067 χ^2/NDF: 68047.4/15

Left Out: -32.757+/-0.219 χ^2/NDF:0.0/0

Right Out: 5.381+/-0.062 χ^2/NDF: 72230.2/18

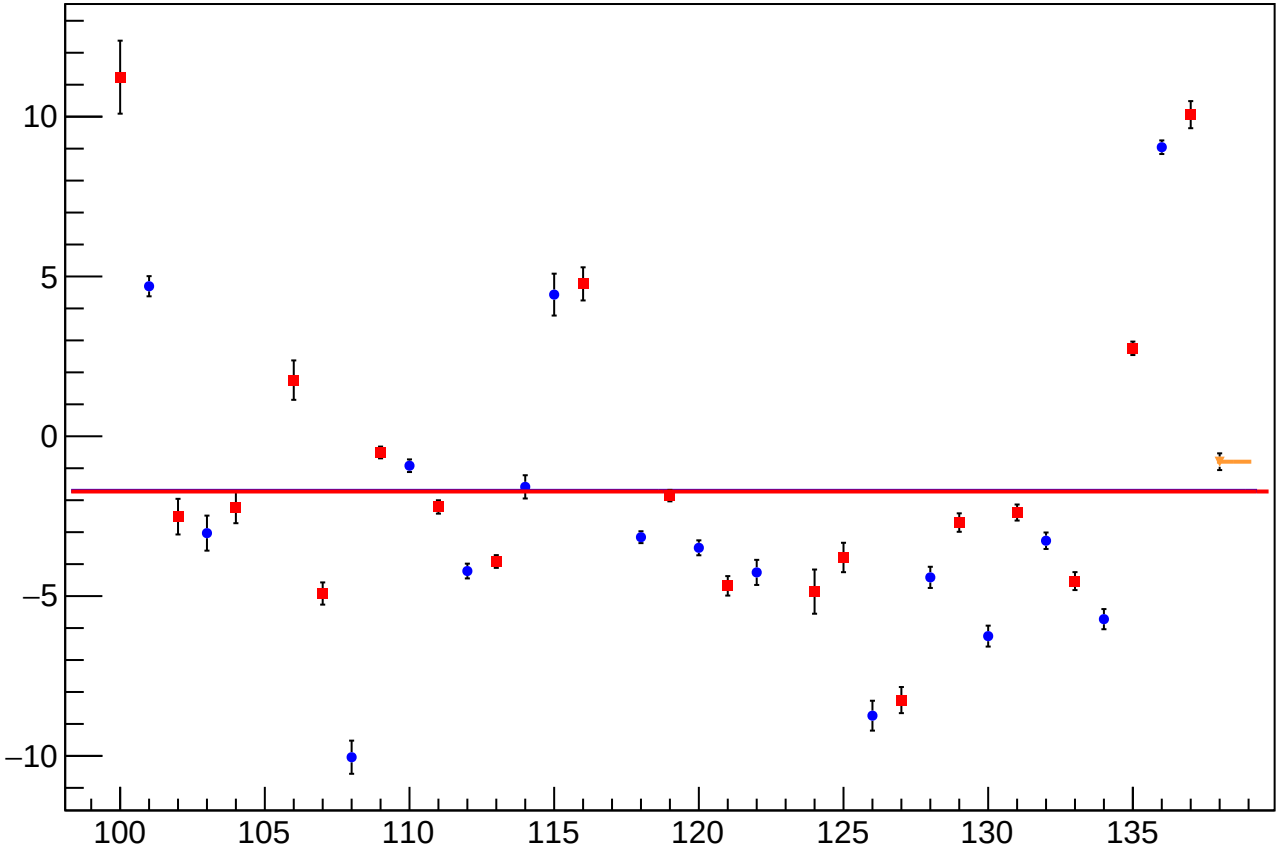
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.474+/-0.064 χ^2/NDF: 97934.2/16

All: 4.469+/-0.045 χ^2/NDF: 170621.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.708+/-0.072 χ^2/NDF: 4289.8/15

Left Out: -0.795+/-0.262 χ^2/NDF:0.0/0

Right Out: -1.727+/-0.067 χ^2/NDF: 2309.6/18

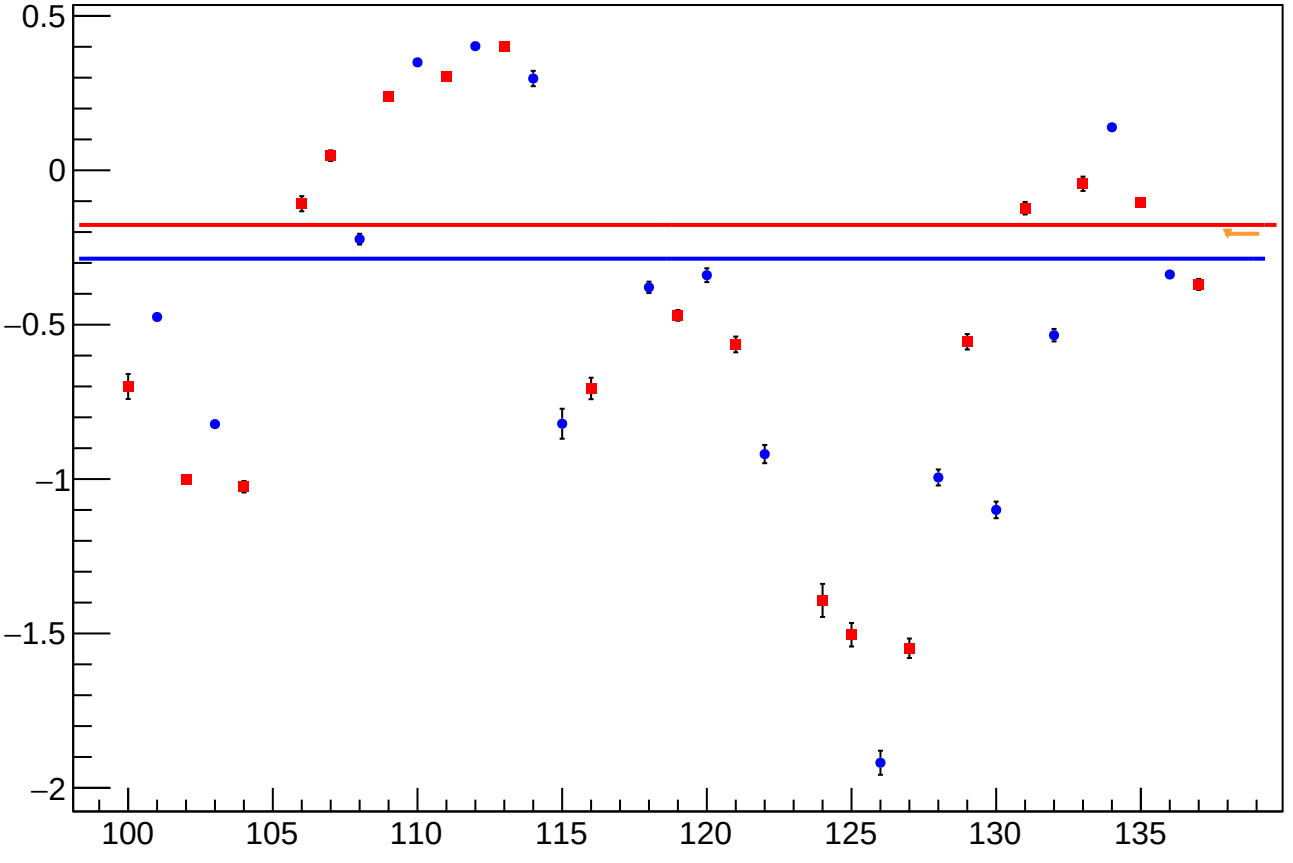
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.644+/-0.069 χ^2/NDF: 4301.1/16

All: -1.687+/-0.048 χ^2/NDF: 6611.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.286+/-0.004 χ^2/NDF: 11361.1/15

Left Out: -0.205+/-0.009 χ^2/NDF:0.0/0

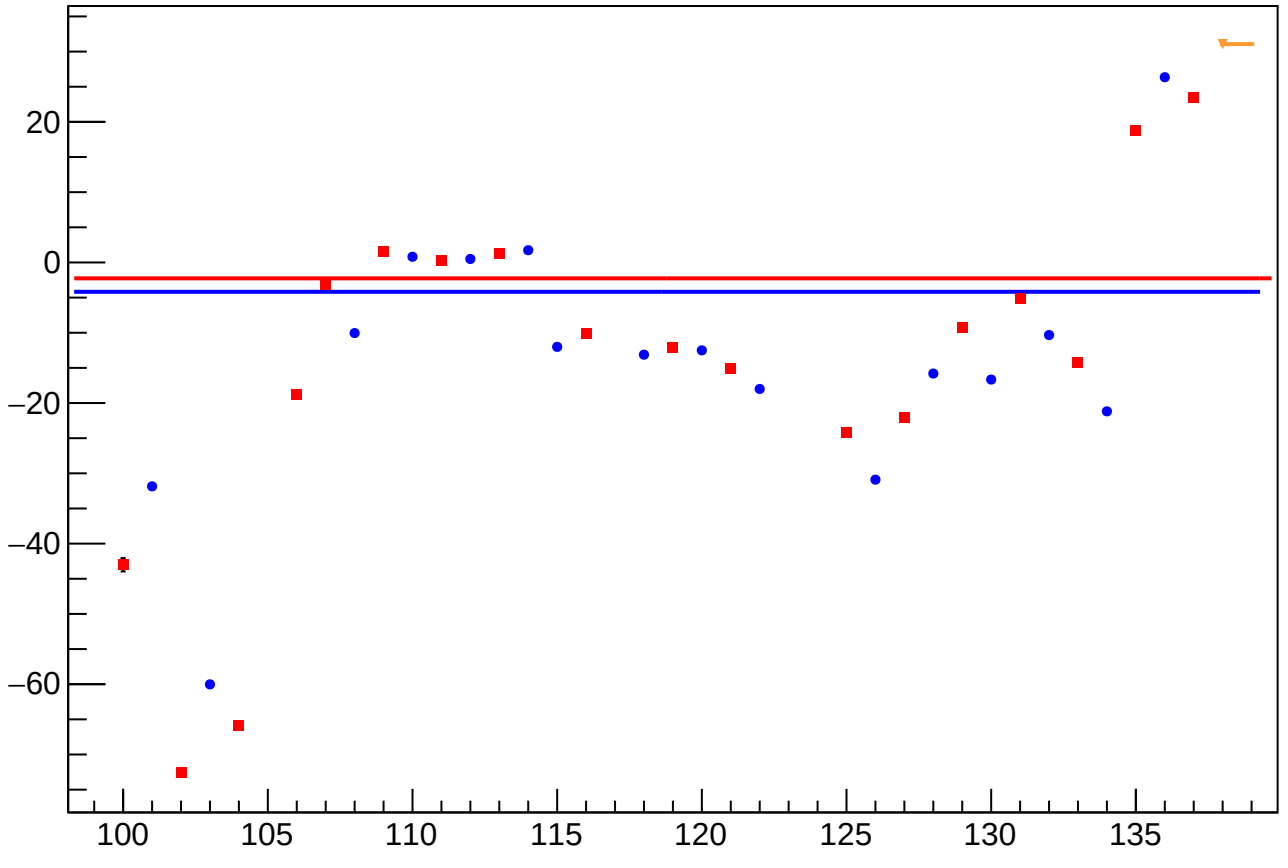
Right Out: -0.177+/-0.004 χ^2/NDF: 14767.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.270+/-0.004 χ^2/NDF: 11433.1/16

All: -0.225+/-0.003 χ^2/NDF: 26486.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -4.173+/-0.054 χ^2/NDF: 75394.5/15

Left Out: 31.066+/-0.202 χ^2/NDF:0.0/0

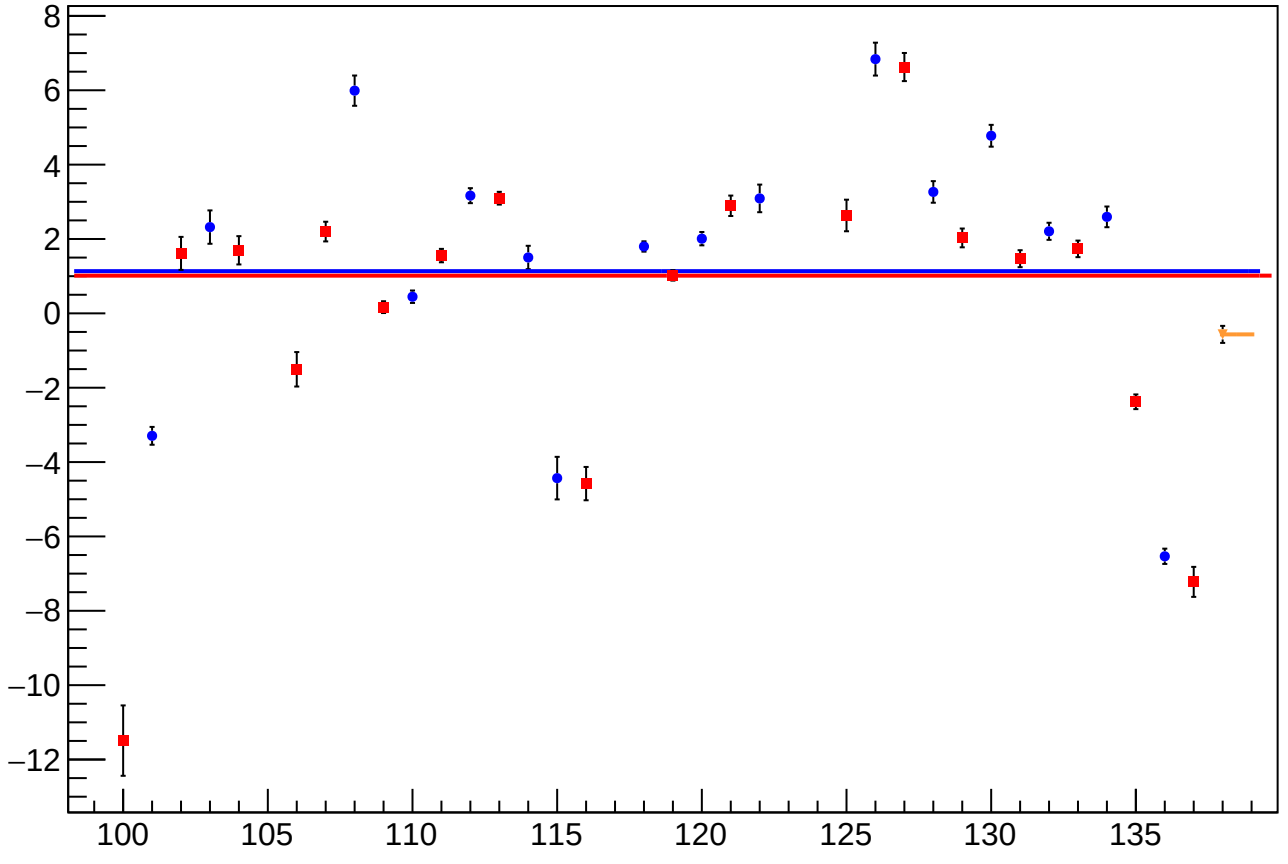
Right Out: -2.261+/-0.046 χ^2/NDF: 79624.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.779+/-0.053 χ^2/NDF: 103845.9/16

All: -2.052+/-0.035 χ^2/NDF: 183517.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1.135+/-0.060 χ^2/NDF: 2595.7/15

Left Out: -0.566+/-0.229 χ^2/NDF:0.0/0

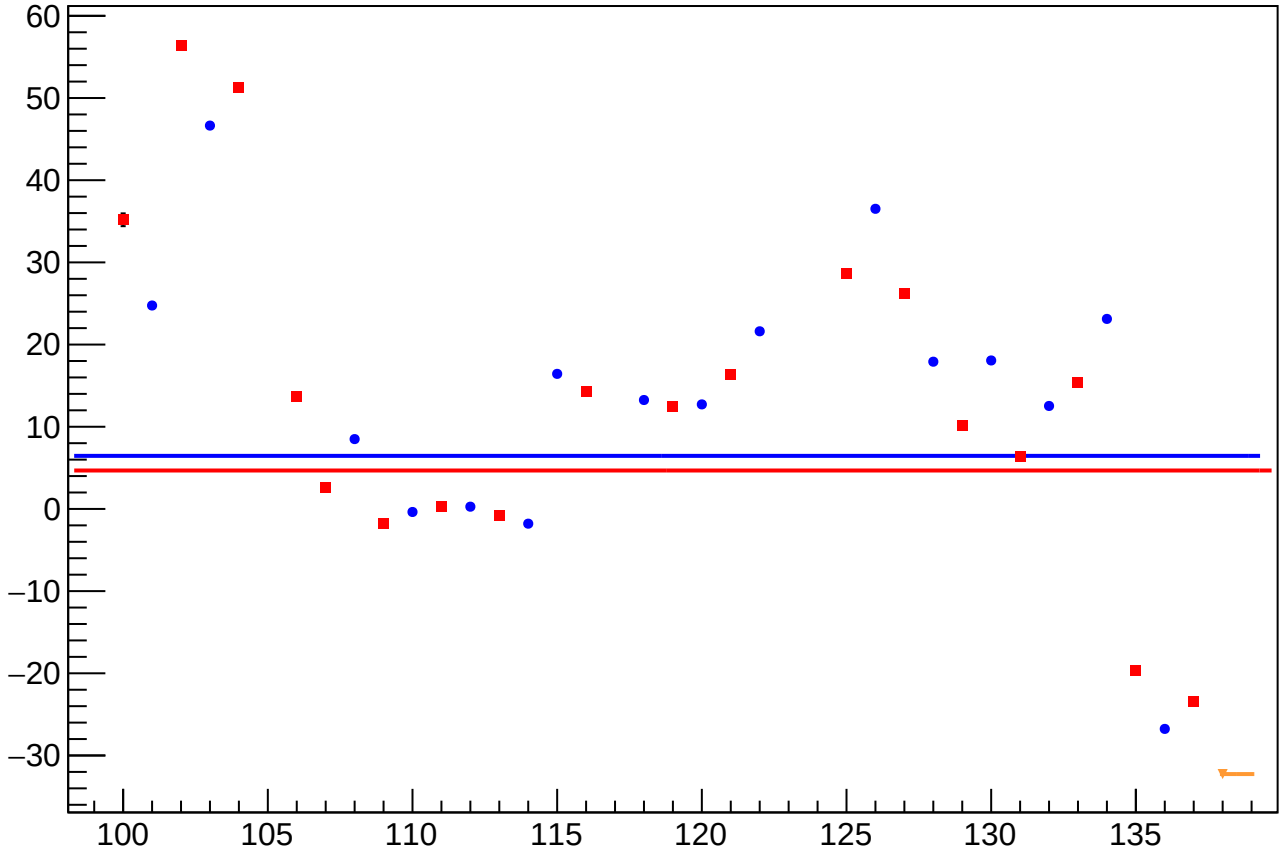
Right Out: 1.014+/-0.057 χ^2/NDF: 1593.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.025+/-0.058 χ^2/NDF: 2647.3/16

All: 1.020+/-0.041 χ^2/NDF: 4240.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6.458+/-0.065 χ^2/NDF: 70792.7/15

Left Out: -32.261+/-0.211 χ^2/NDF:0.0/0

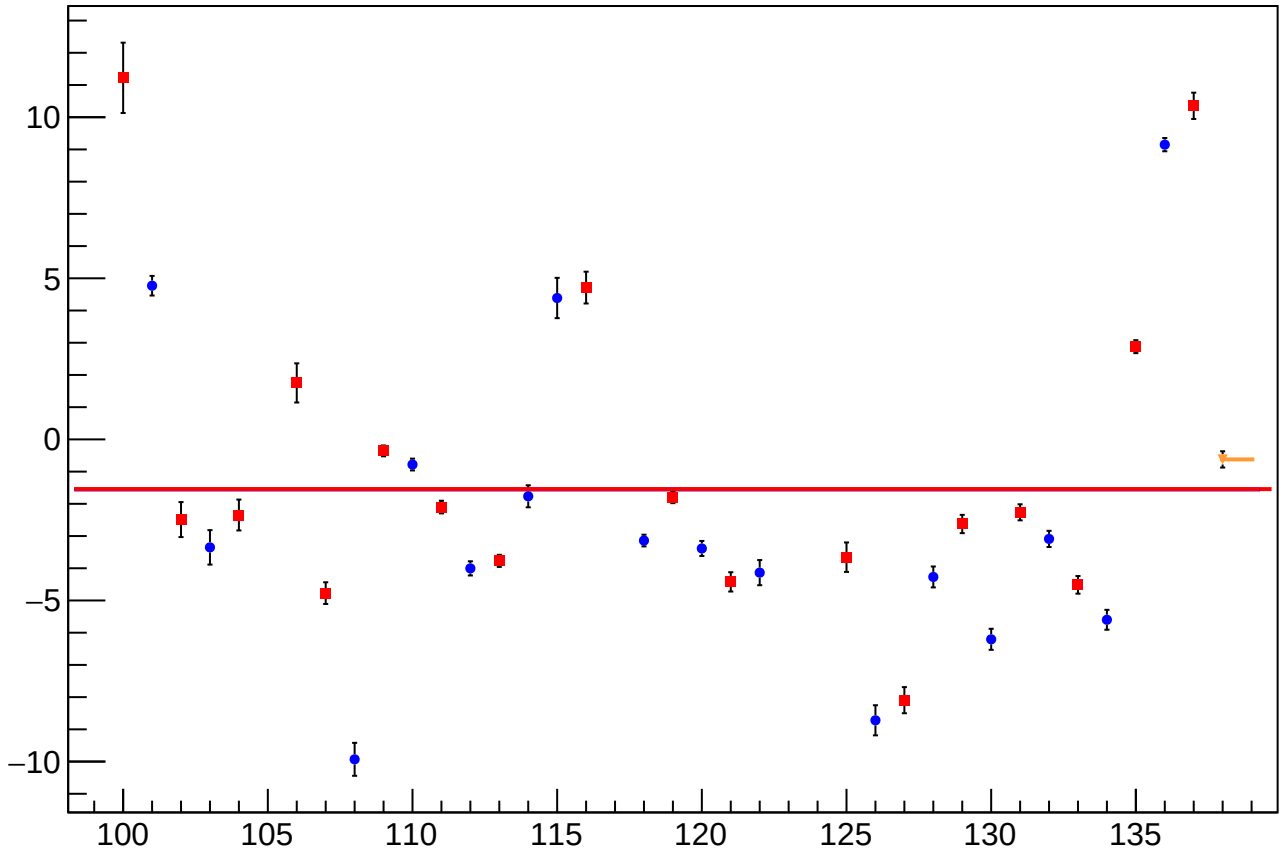
Right Out: 4.677+/-0.059 χ^2/NDF: 74414.5/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.102+/-0.062 χ^2/NDF: 101586.4/16

All: 3.928+/-0.043 χ^2/NDF: 176338.7/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.552+/-0.069 χ^2/NDF: 4543.6/15

Left Out: -0.621+/-0.252 χ^2/NDF:0.0/0

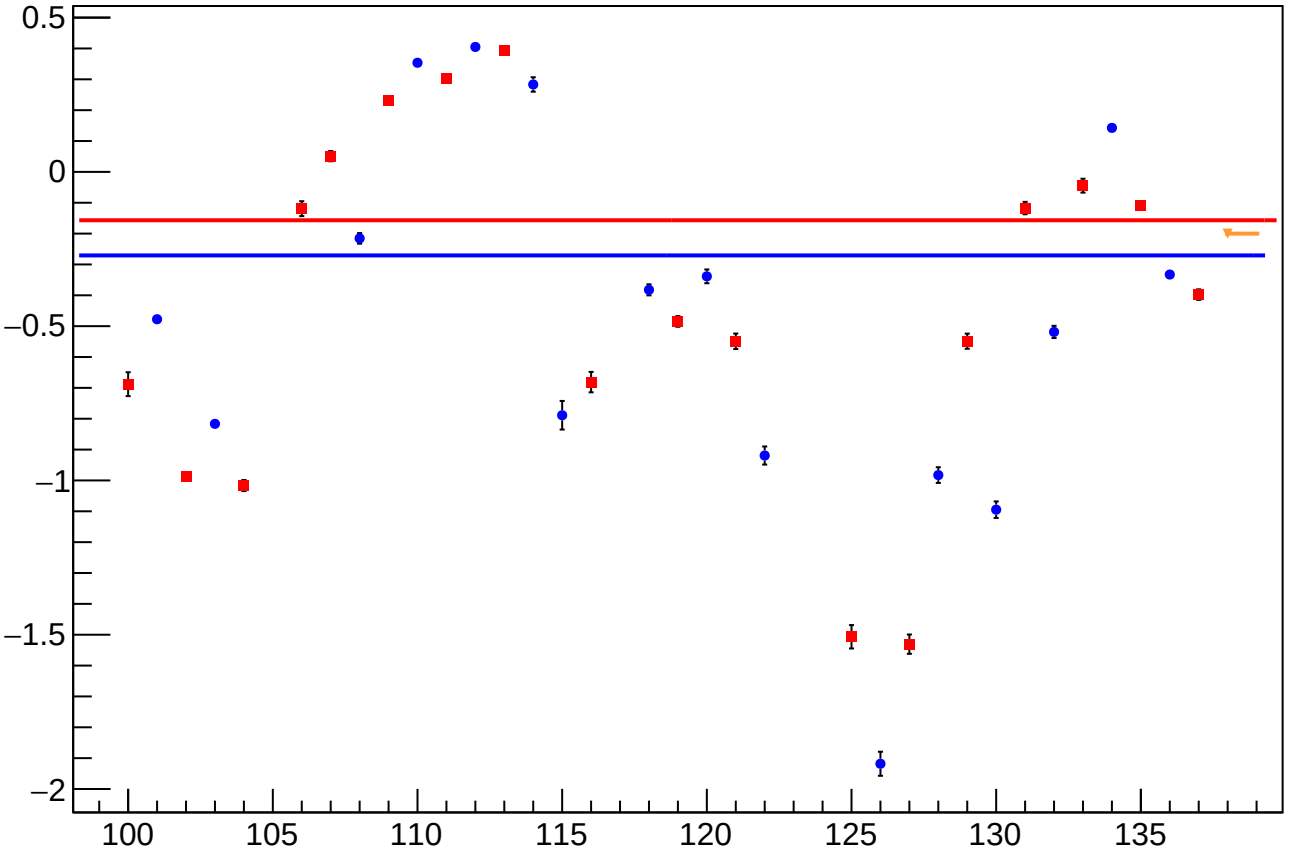
Right Out: -1.543+/-0.065 χ^2/NDF: 2473.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.486+/-0.067 χ^2/NDF: 4556.2/16

All: -1.516+/-0.046 χ^2/NDF: 7029.6/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.271+/-0.004 χ^2/NDF: 12096.1/15

Left Out: -0.200+/-0.008 χ^2/NDF:0.0/0

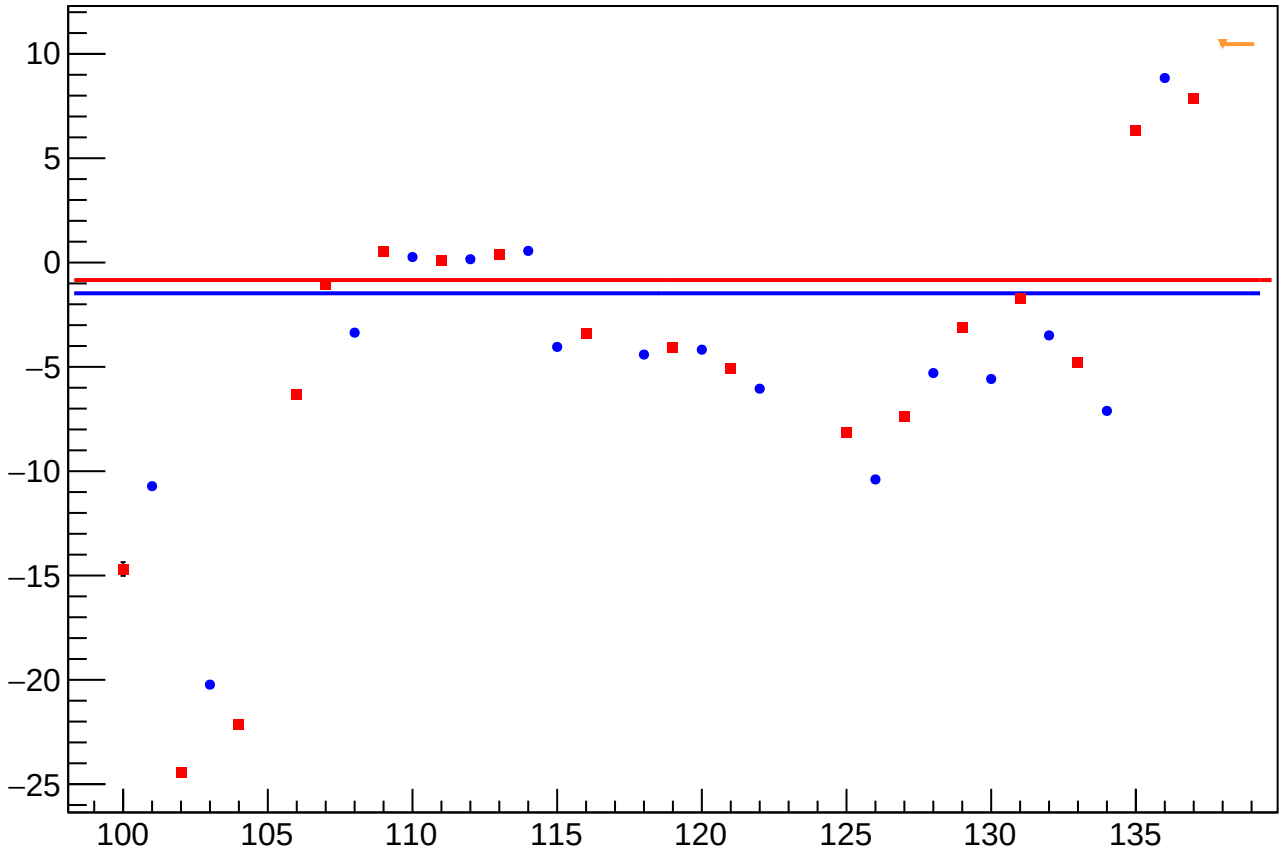
Right Out: -0.157+/-0.004 χ^2/NDF: 15019.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.256+/-0.004 χ^2/NDF: 12155.5/16

All: -0.208+/-0.003 χ^2/NDF: 27527.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.474+/-0.019 χ^2/NDF: 73722.2/15

Left Out: 10.470+/-0.069 χ^2/NDF:0.0/0

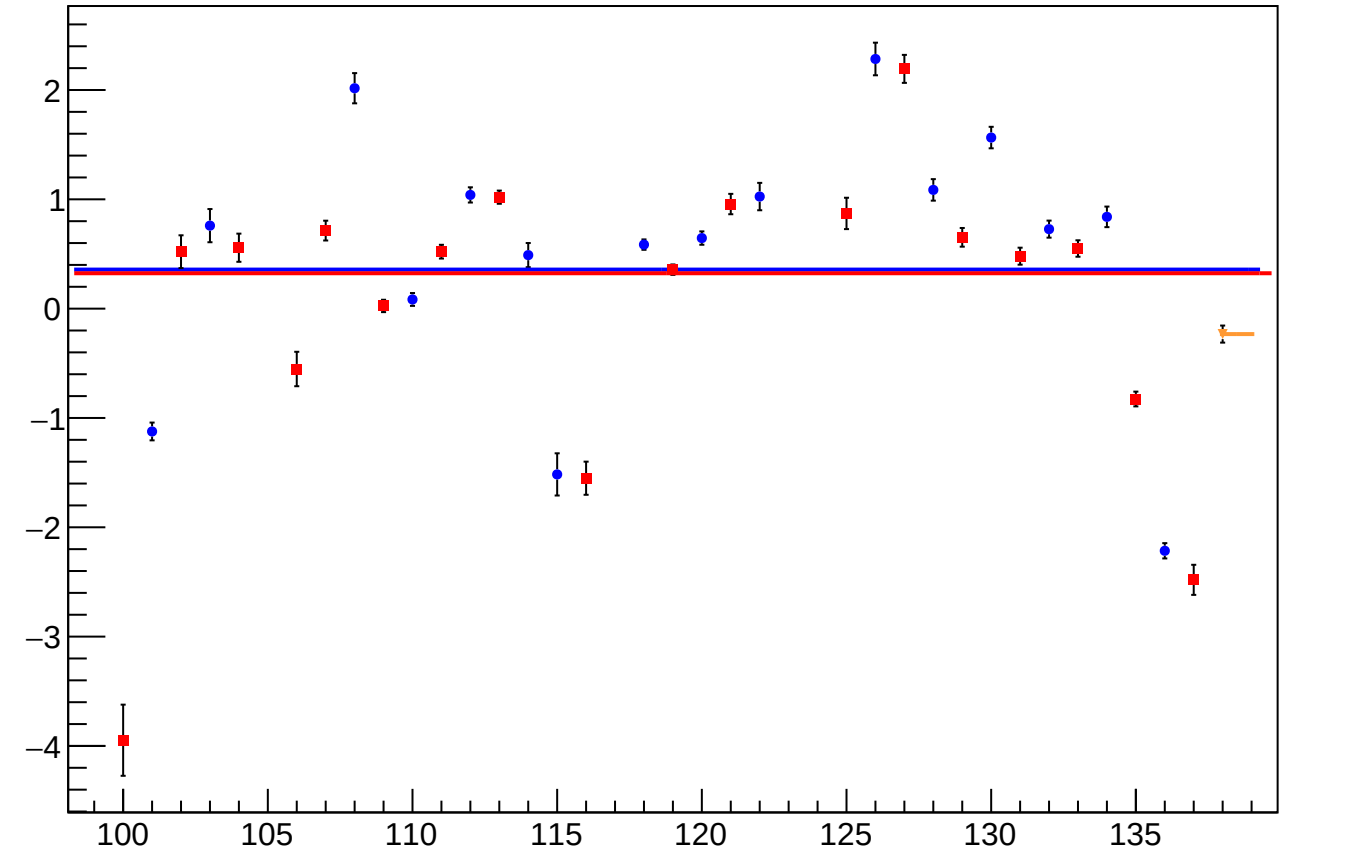
Right Out: -0.838+/-0.016 χ^2/NDF: 78013.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.651+/-0.018 χ^2/NDF: 101710.7/16

All: -0.756+/-0.012 χ^2/NDF: 179783.9/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.357+/-0.021 χ^2/NDF: 2543.0/15

Left Out: -0.233+/-0.078 χ^2/NDF:0.0/0

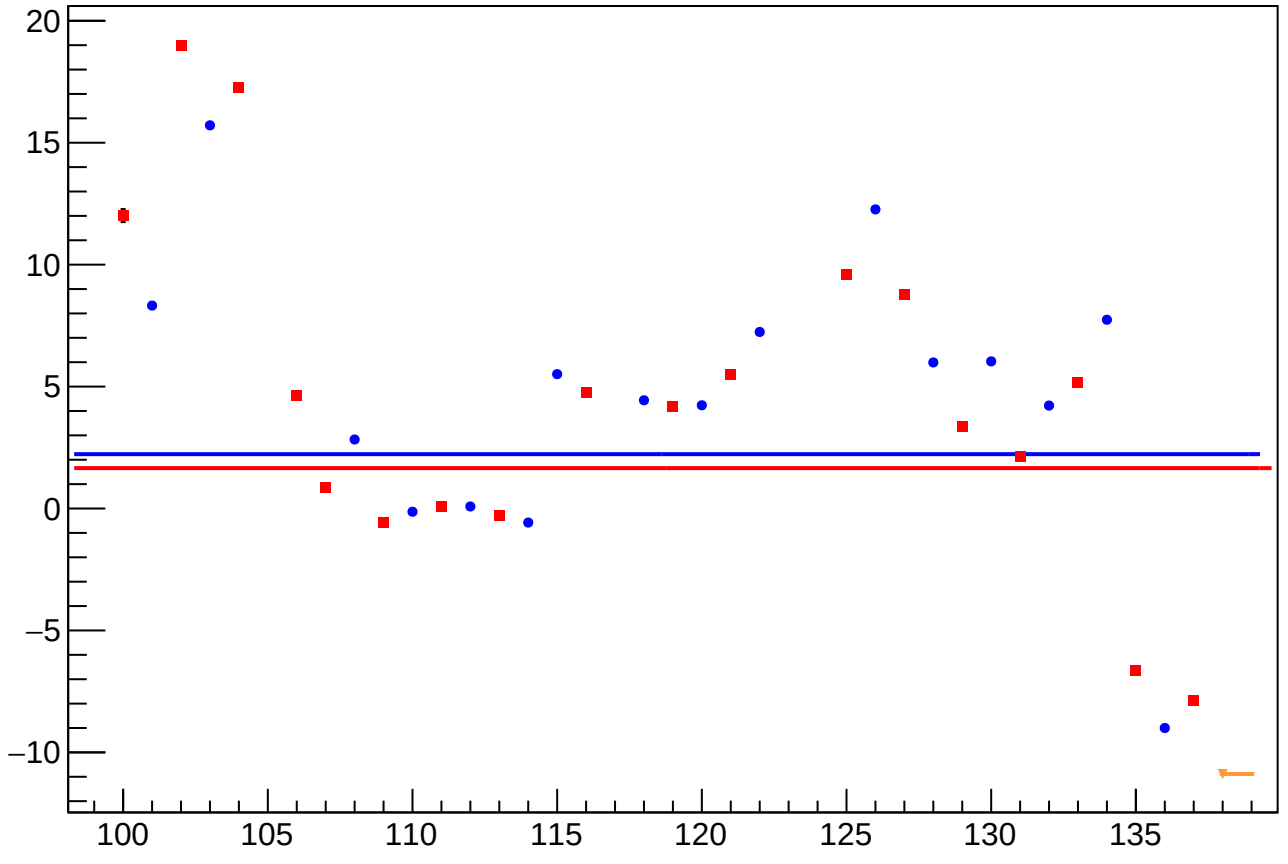
Right Out: 0.324+/-0.020 χ^2/NDF: 1558.9/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.319+/-0.020 χ^2/NDF: 2596.4/16

All: 0.321+/-0.014 χ^2/NDF: 4155.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 2.229+/-0.022 χ^2/NDF: 69187.1/15

Left Out: -10.888+/-0.072 χ^2/NDF:0.0/0

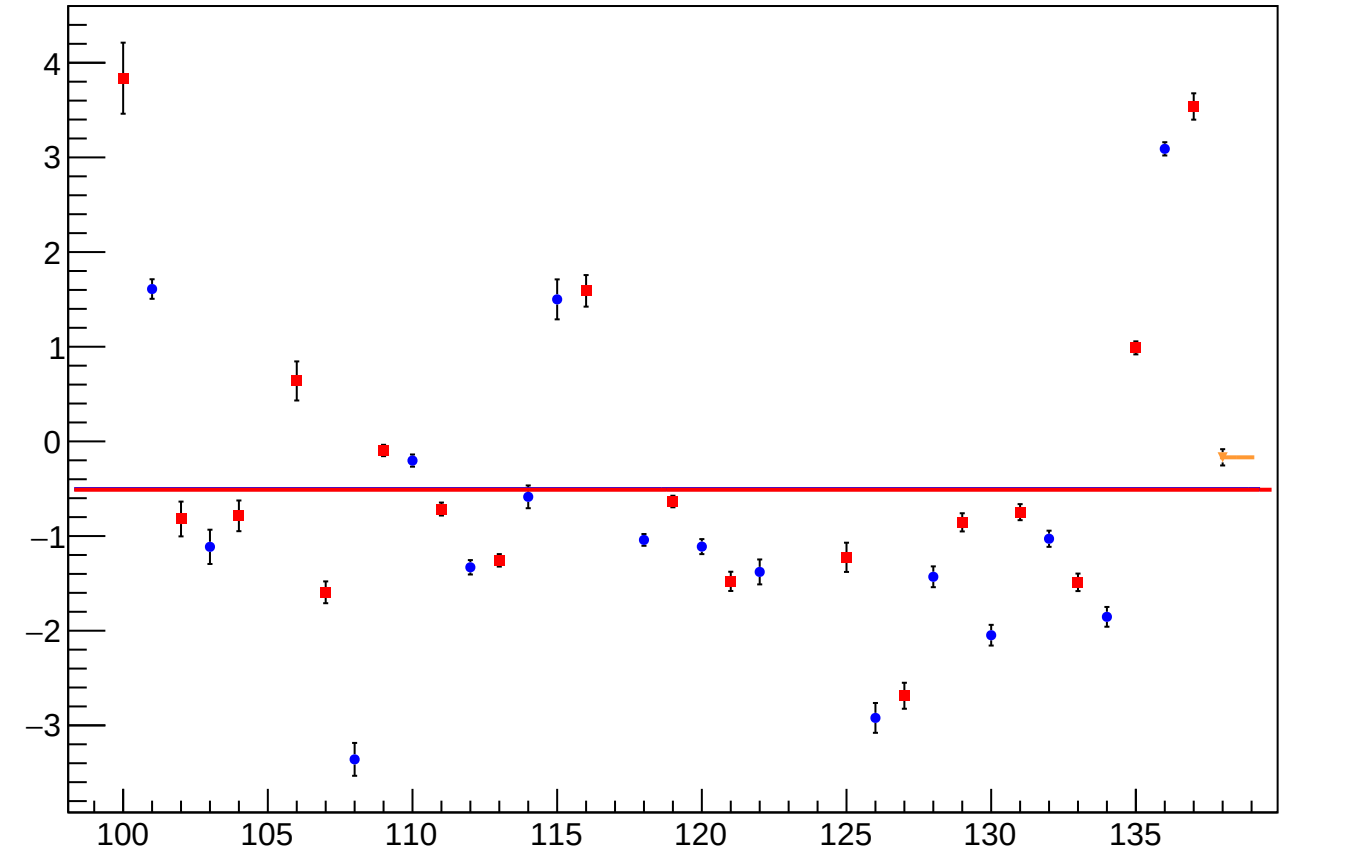
Right Out: 1.657+/-0.020 χ^2/NDF: 72797.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.086+/-0.021 χ^2/NDF: 99467.7/16

All: 1.382+/-0.015 χ^2/NDF: 172640.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.504+/-0.024 χ^2/NDF: 4447.2/15

Left Out: -0.168+/-0.086 χ^2/NDF:0.0/0

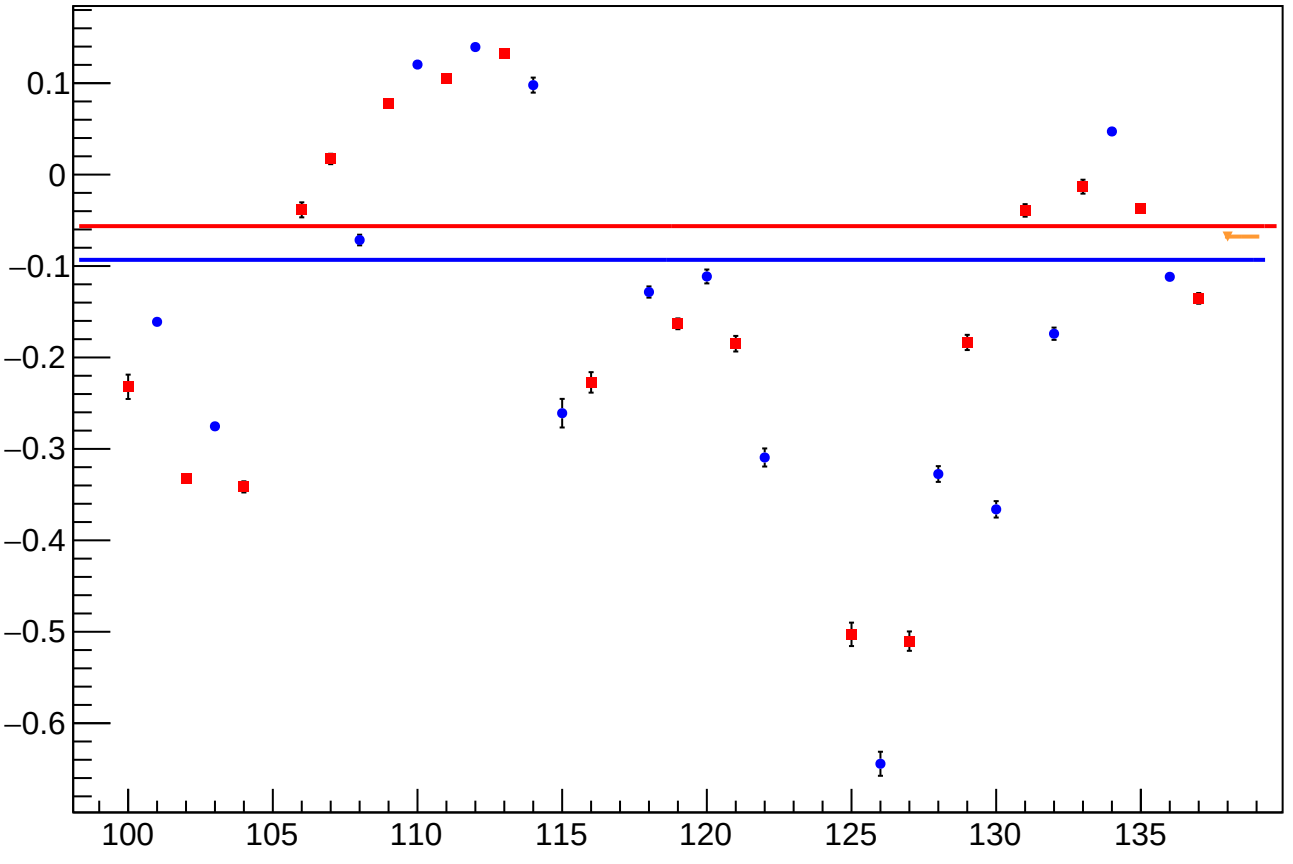
Right Out: -0.511+/-0.022 χ^2/NDF: 2424.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -0.480+/-0.023 χ^2/NDF: 4461.3/16

All: -0.496+/-0.016 χ^2/NDF: 6886.2/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.093+/-0.001 χ^2/NDF: 11742.4/15

Left Out: -0.068+/-0.003 χ^2/NDF:0.0/0

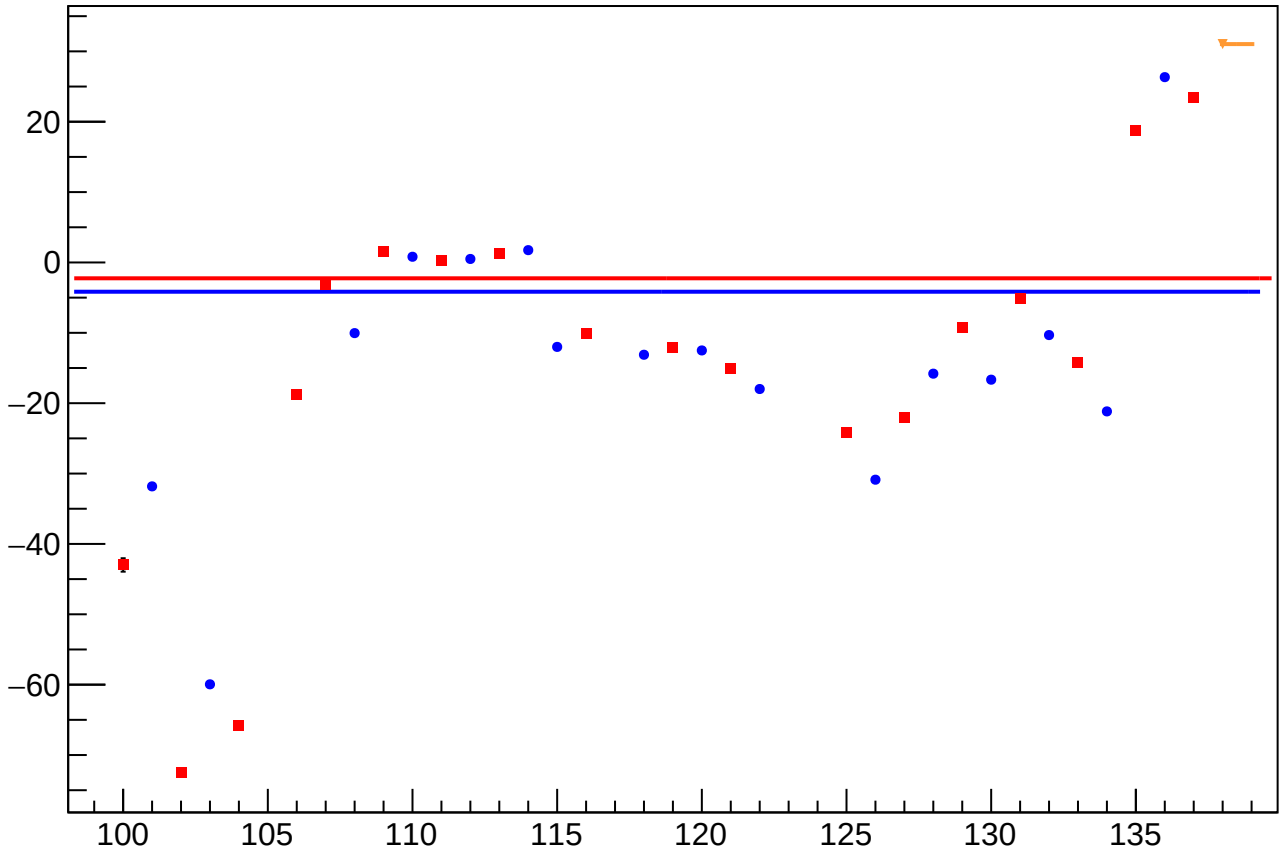
Right Out: -0.056+/-0.001 χ^2/NDF: 14457.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.088+/-0.001 χ^2/NDF: 11808.6/16

All: -0.073+/-0.001 χ^2/NDF: 26570.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -4.159+/-0.054 χ^2/NDF: 75420.4/15

Left Out: 31.033+/-0.202 χ^2/NDF:0.0/0

Right Out: -2.251+/-0.046 χ^2/NDF: 79637.5/17

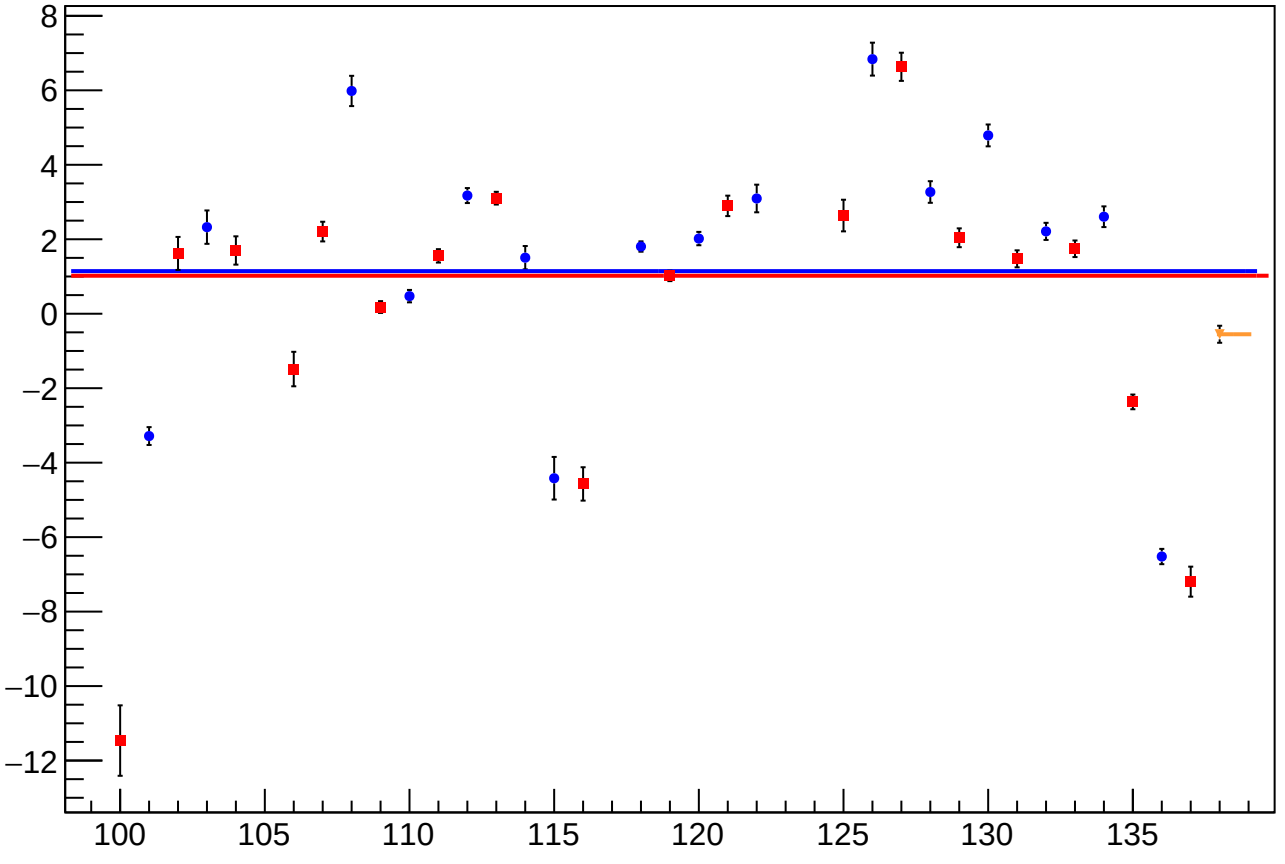
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -1.770+/-0.052 χ^2/NDF: 103852.2/16

All: -2.042+/-0.035 χ^2/NDF: 183537.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 1.144+/-0.060 χ^2/NDF: 2595.3/15

Left Out: -0.551+/-0.229 χ^2/NDF:0.0/0

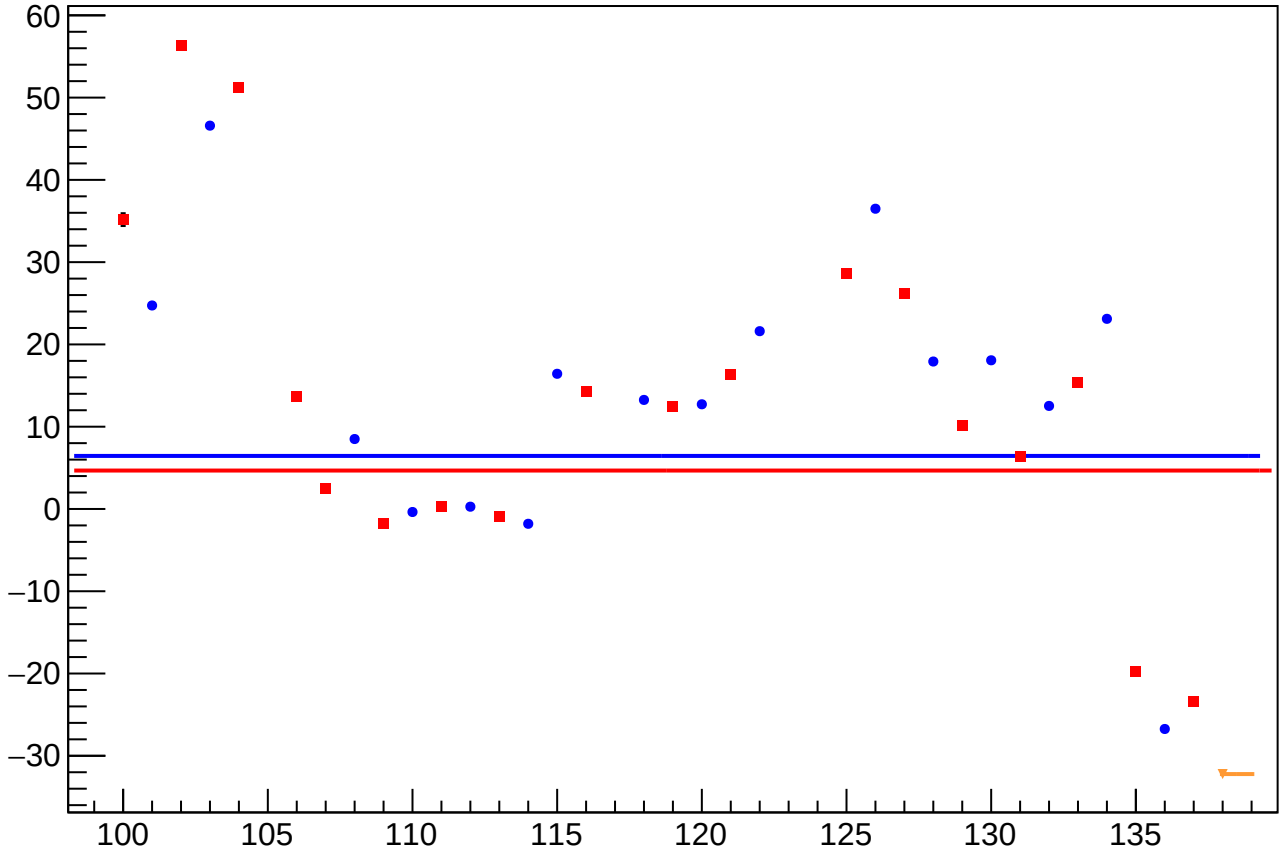
Right Out: 1.021+/-0.057 χ^2/NDF: 1591.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1.035+/-0.058 χ^2/NDF: 2646.7/16

All: 1.028+/-0.041 χ^2/NDF: 4237.9/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 6.448+/-0.065 χ^2/NDF: 70815.1/15

Left Out: -32.222+/-0.211 χ^2/NDF:0.0/0

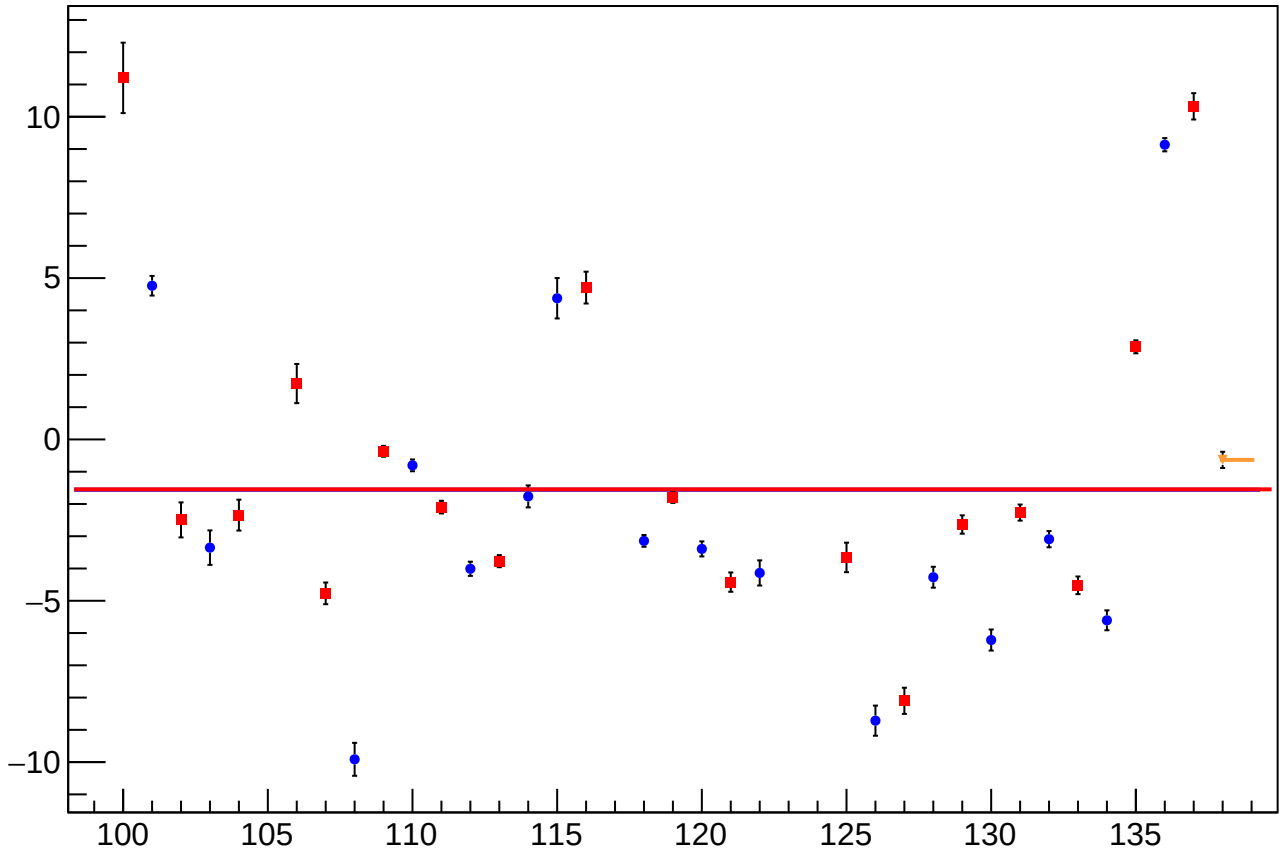
Right Out: 4.671+/-0.059 χ^2/NDF: 74420.3/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 3.097+/-0.062 χ^2/NDF: 101589.8/16

All: 3.923+/-0.043 χ^2/NDF: 176348.0/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -1.558+/-0.069 χ^2/NDF: 4543.1/15

Left Out: -0.634+/-0.252 χ^2/NDF:0.0/0

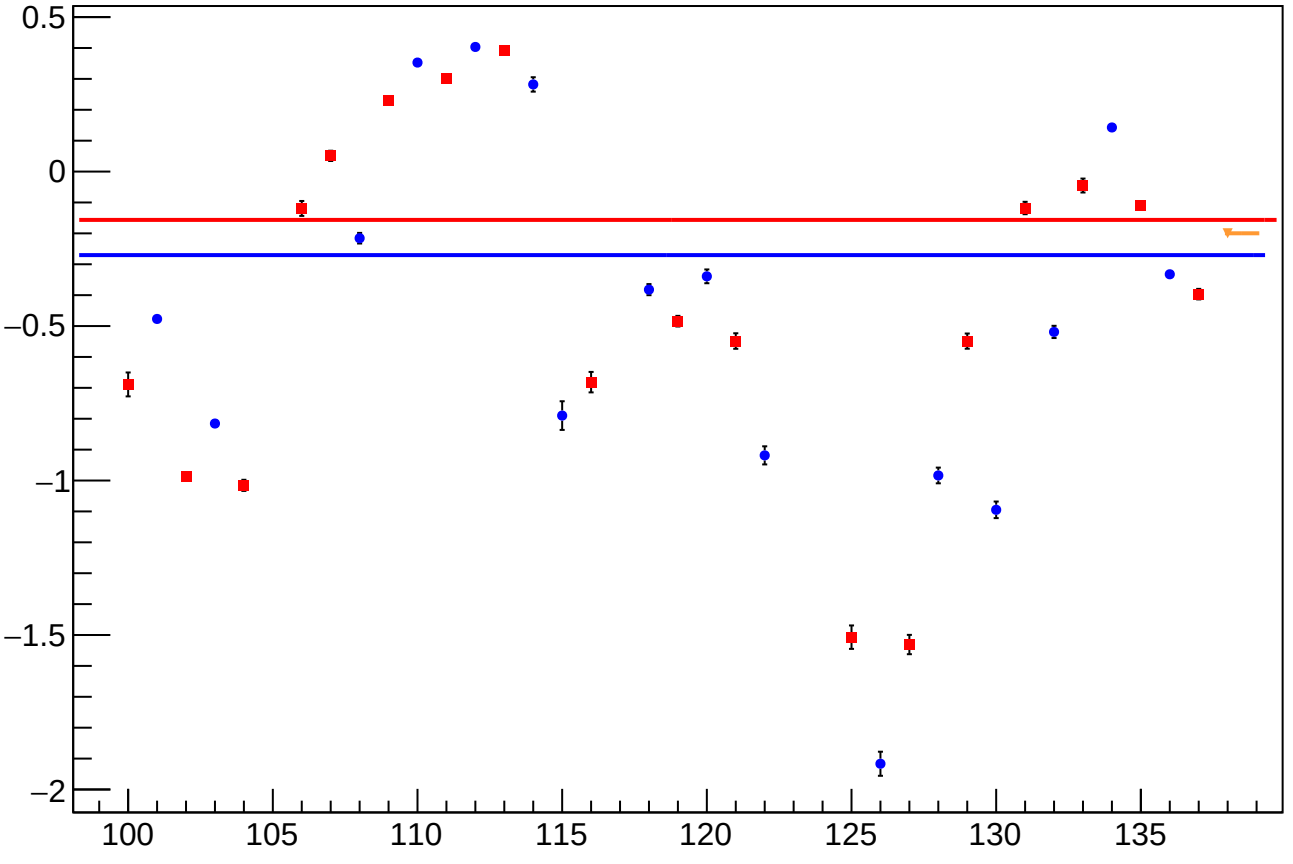
Right Out: -1.547+/-0.064 χ^2/NDF: 2470.1/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

\+ sign -1.493+/-0.067 χ^2/NDF: 4555.6/16

All: -1.521+/-0.046 χ^2/NDF: 7026.0/34

\- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.270+/-0.004 χ^2/NDF: 12096.8/15

Left Out: -0.200+/-0.008 χ^2/NDF:0.0/0

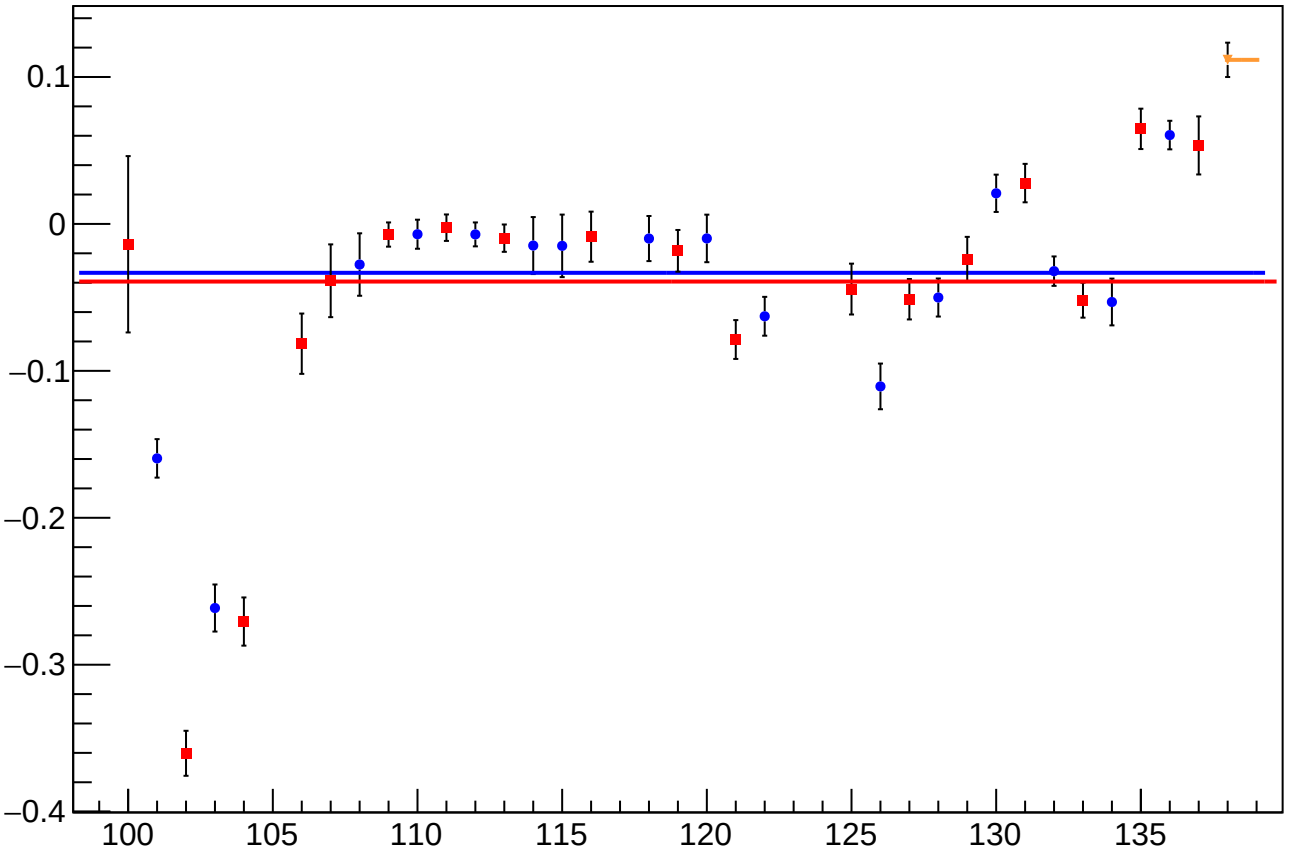
Right Out: -0.156+/-0.004 χ^2/NDF: 15030.0/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.256+/-0.004 χ^2/NDF: 12156.4/16

All: -0.207+/-0.003 χ^2/NDF: 27540.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.033+/-0.003 χ^2/NDF: 463.5/15

Left Out: 0.112+/-0.012 χ^2/NDF:0.0/0

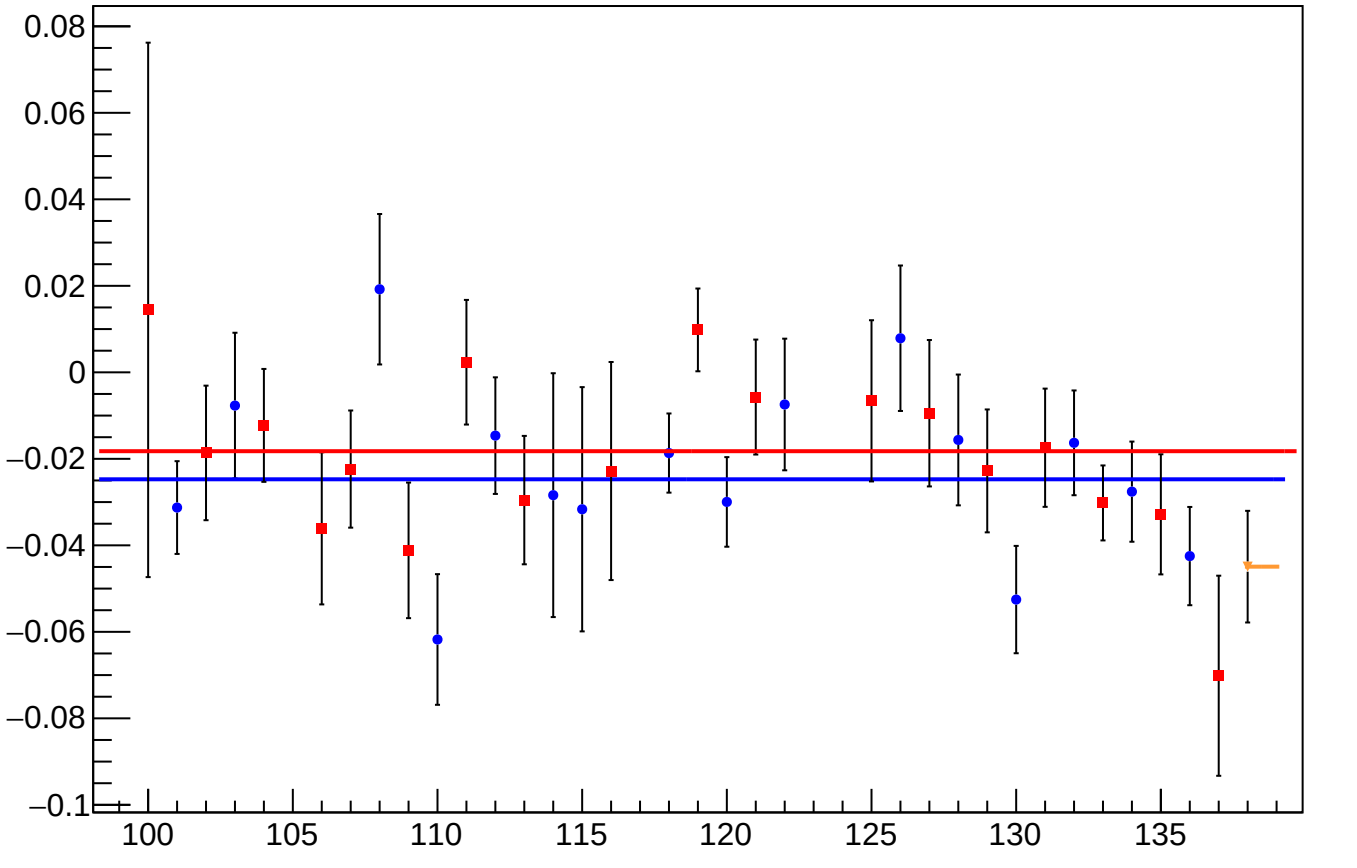
Right Out: -0.039+/-0.003 χ^2/NDF: 807.6/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.023+/-0.003 χ^2/NDF: 606.4/16

All: -0.031+/-0.002 χ^2/NDF: 1427.2/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.025+/-0.003 χ^2/NDF: 28.5/15

Left Out: -0.045+/-0.013 χ^2/NDF:0.0/0

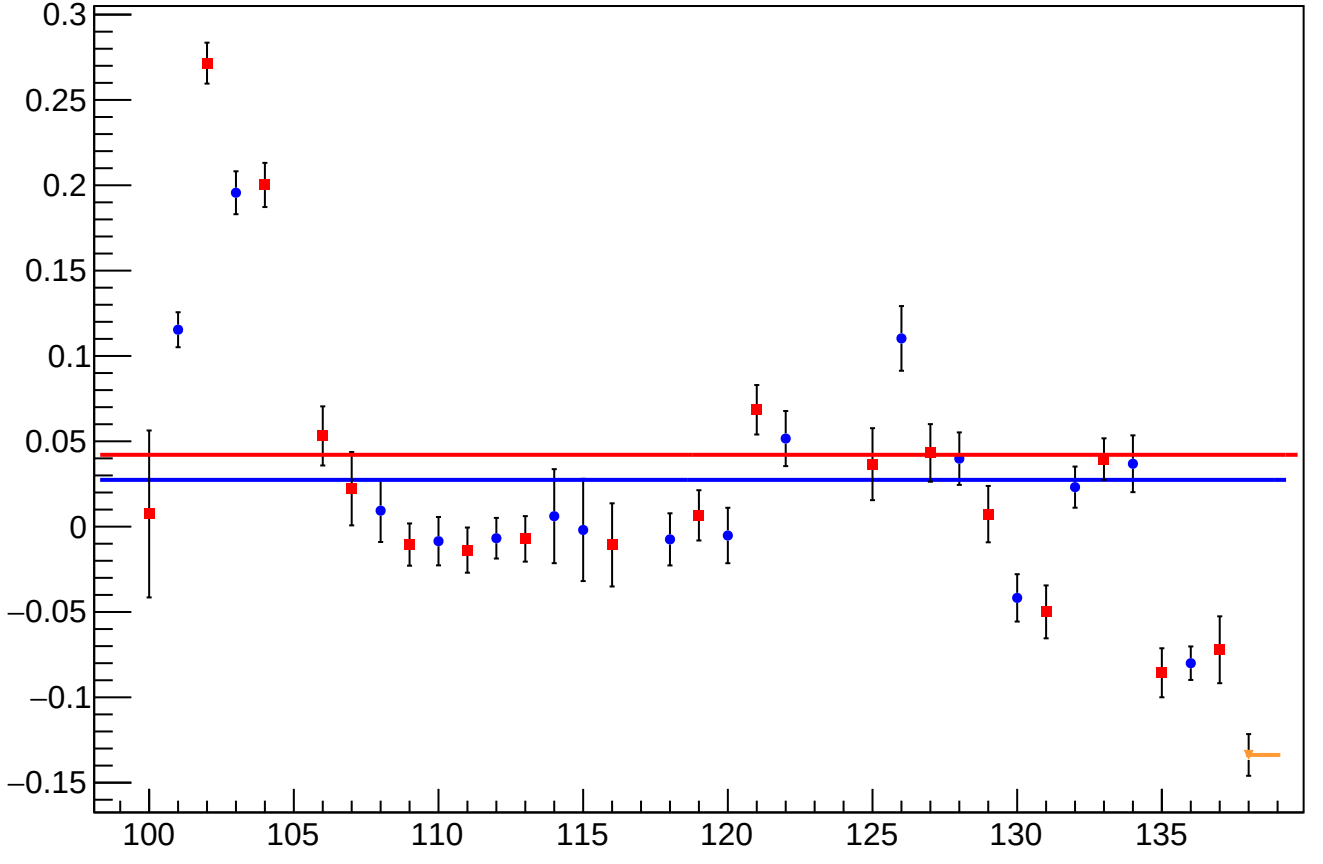
Right Out: -0.018+/-0.003 χ^2/NDF: 24.7/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.026+/-0.003 χ^2/NDF: 30.8/16

All: -0.022+/-0.002 χ^2/NDF: 58.3/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.027+/-0.004 χ^2/NDF: 446.1/15

Left Out: -0.134+/-0.012 χ^2/NDF:0.0/0

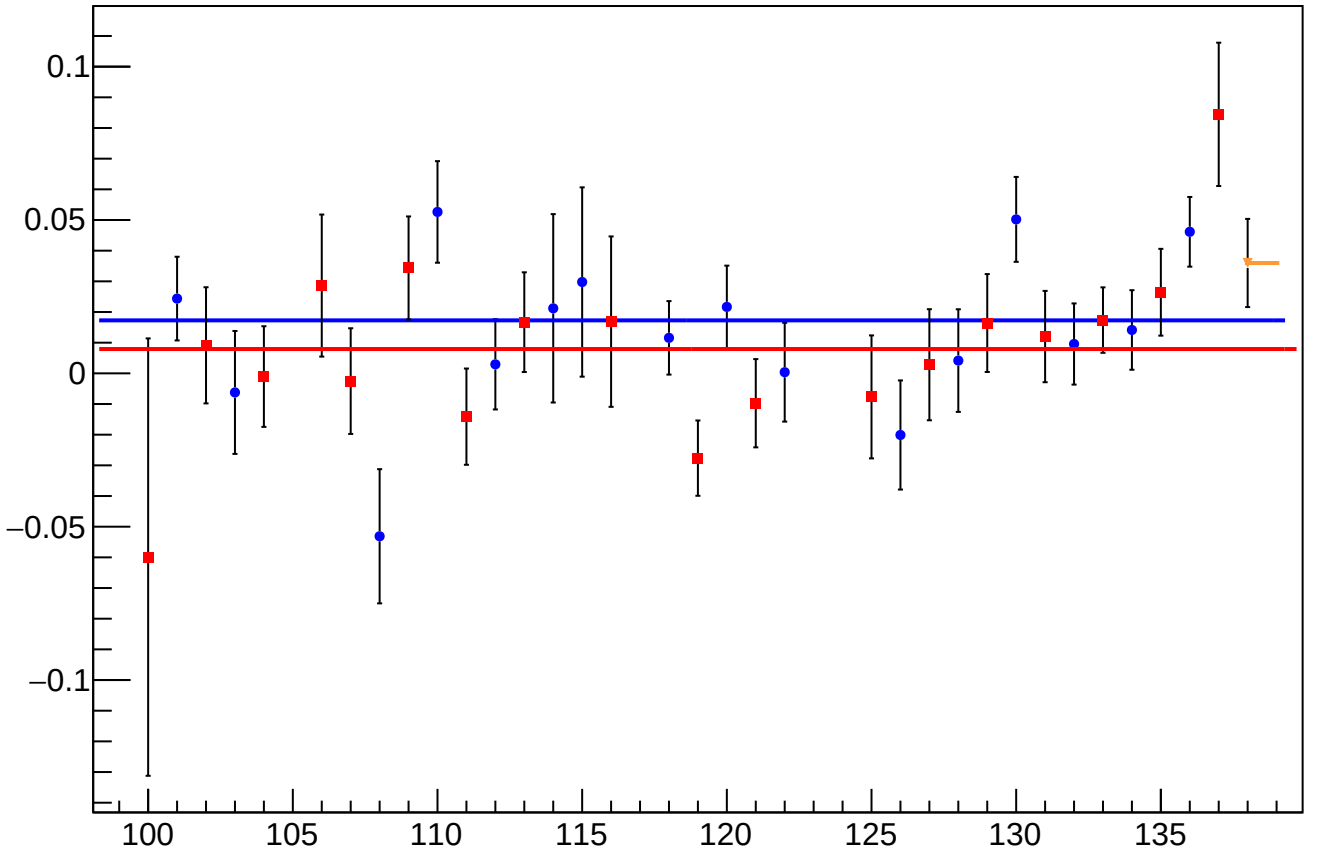
Right Out: 0.042+/-0.004 χ^2/NDF: 733.2/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.015+/-0.003 χ^2/NDF: 606.4/16

All: 0.028+/-0.002 χ^2/NDF: 1369.6/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.017+/-0.004 χ^2/NDF: 36.7/15

Left Out: 0.036+/-0.014 χ^2/NDF:0.0/0

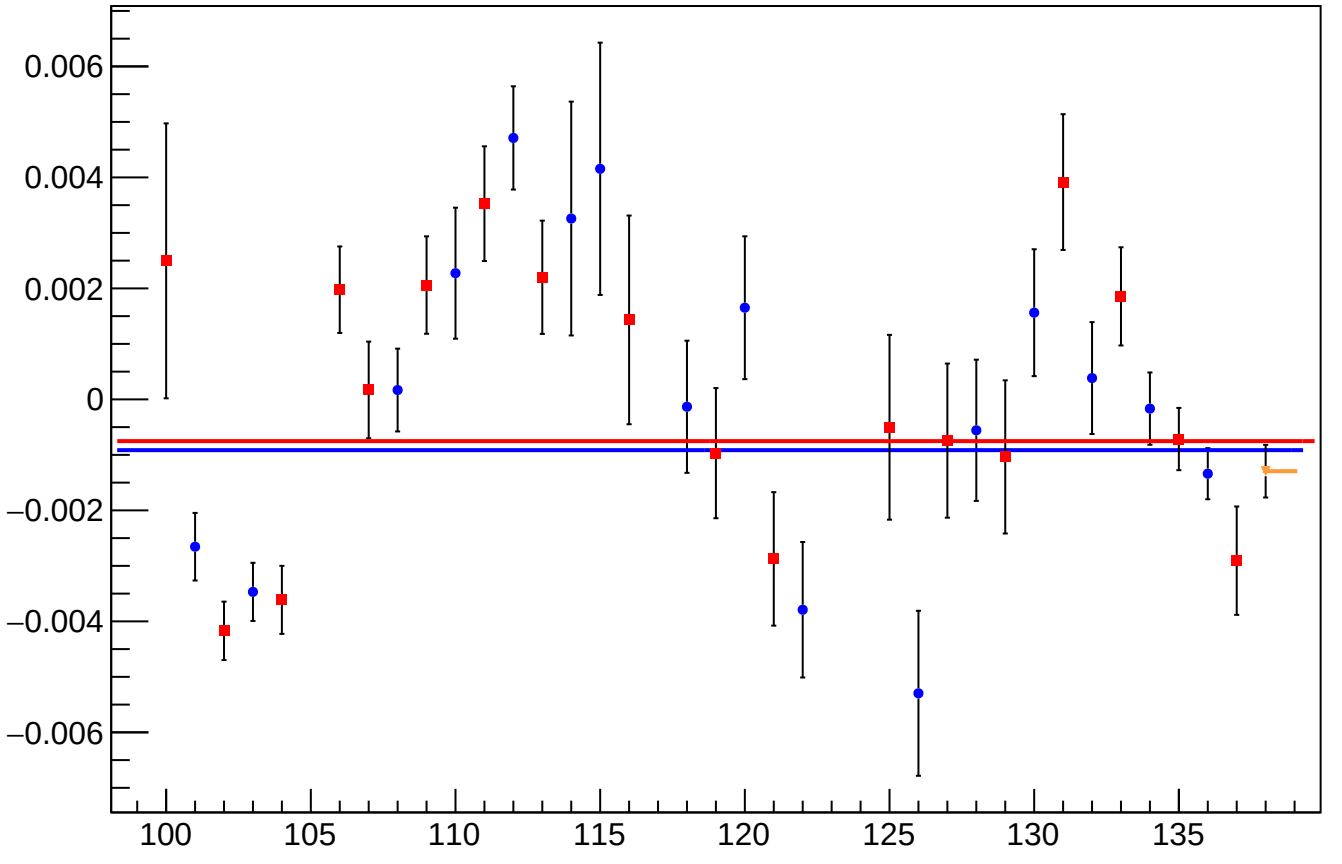
Right Out: 0.008+/-0.004 χ^2/NDF: 31.4/17

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.019+/-0.004 χ^2/NDF: 38.2/16

All: 0.013+/-0.003 χ^2/NDF: 73.5/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -0.001+/-0.000 χ^2/NDF: 114.1/15

Left Out: -0.001+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF: 147.6/17

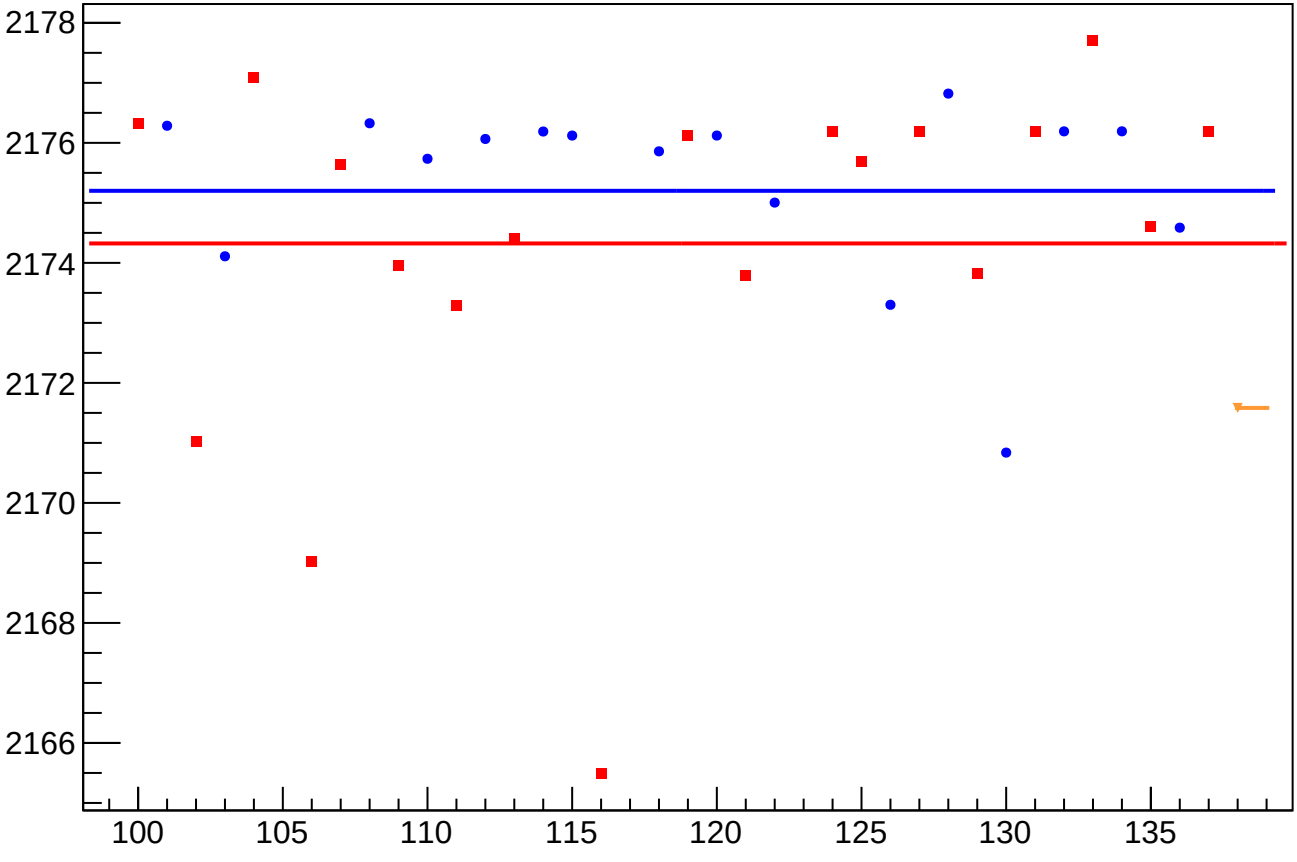
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -0.001+/-0.000 χ^2/NDF: 114.6/16

All: -0.001+/-0.000 χ^2/NDF: 262.8/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.201+/-0.000 χ^2/NDF: 1765724072923660180937051331362816.0/15

Left Out: 2171.583+/-0.000 χ^2/NDF:0.0/0

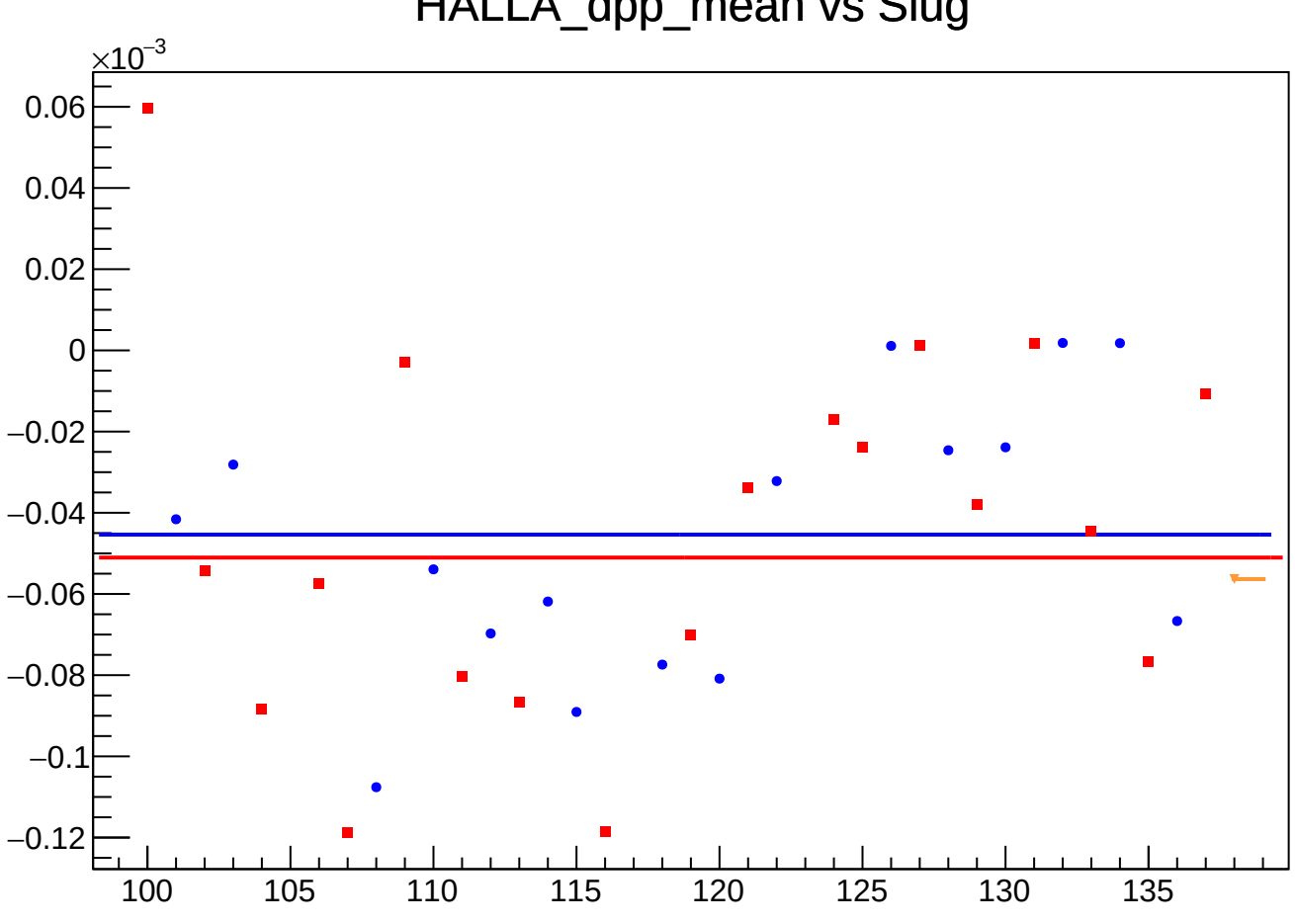
Right Out: 2174.324+/-0.000 χ^2/NDF: 554223941568104692872352720171827 2.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

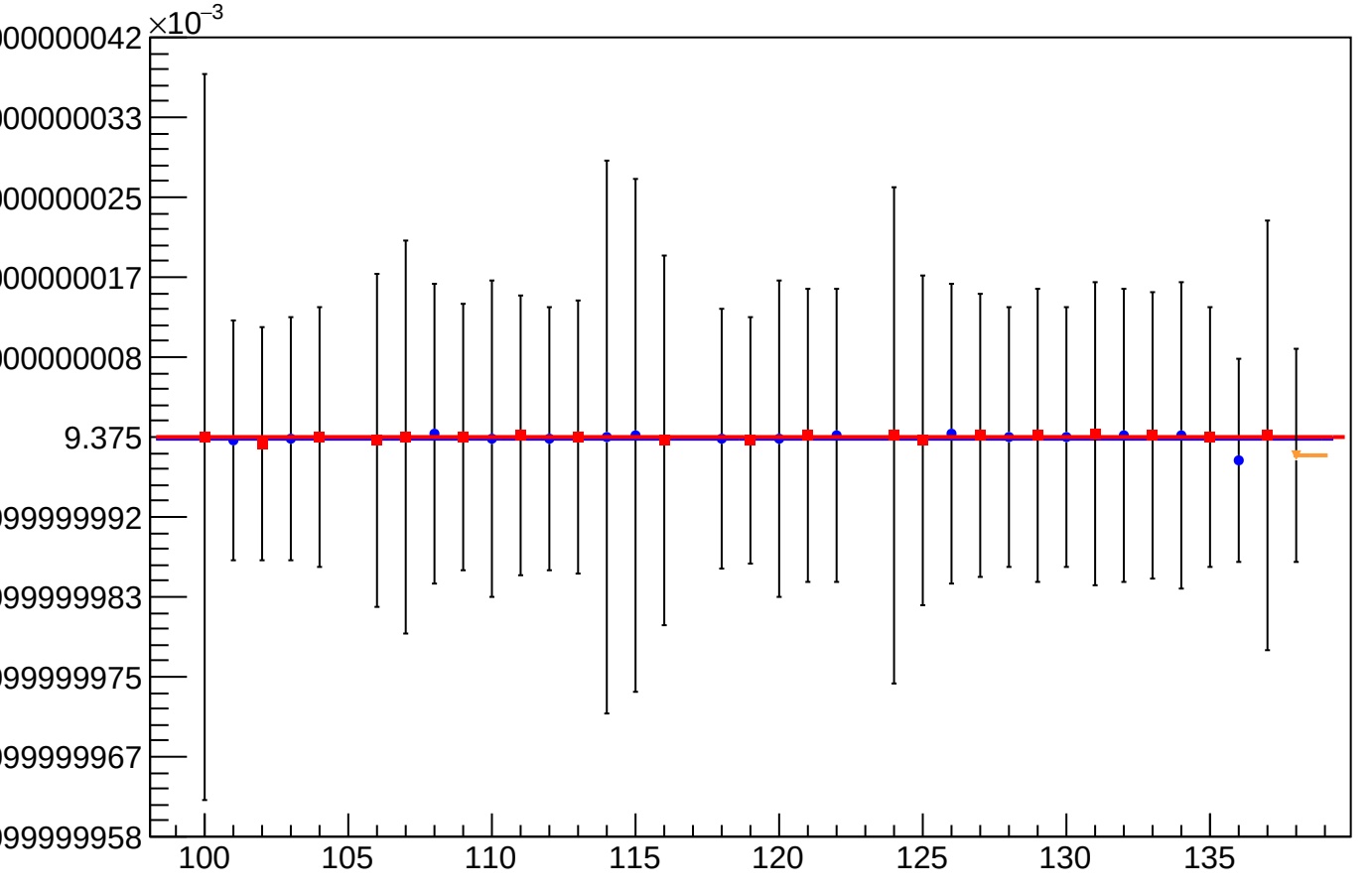
+ sign 2174.844+/-0.000 χ^2/NDF: 27216369632932

All: 2174.594+/-0.000 χ^2/NDF: 8371102651

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


HALLA_dpp_mean vs Slug
×10⁻³
0.06
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
100
105
110
115
120
125
130
135
Right In: -0.000+/-0.000 χ²/NDF: 7131320813781223777239040.0/15
Left Out: -0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.000+/-0.000 χ²/NDF: 1011955910720647101153280.0/18
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign -0.000+/-0.000 χ²/NDF: 7218926969444828
All: -0.000+/-0.000 χ²/NDF: 1742139766966
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

MQ171LM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.1/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 0.0/18

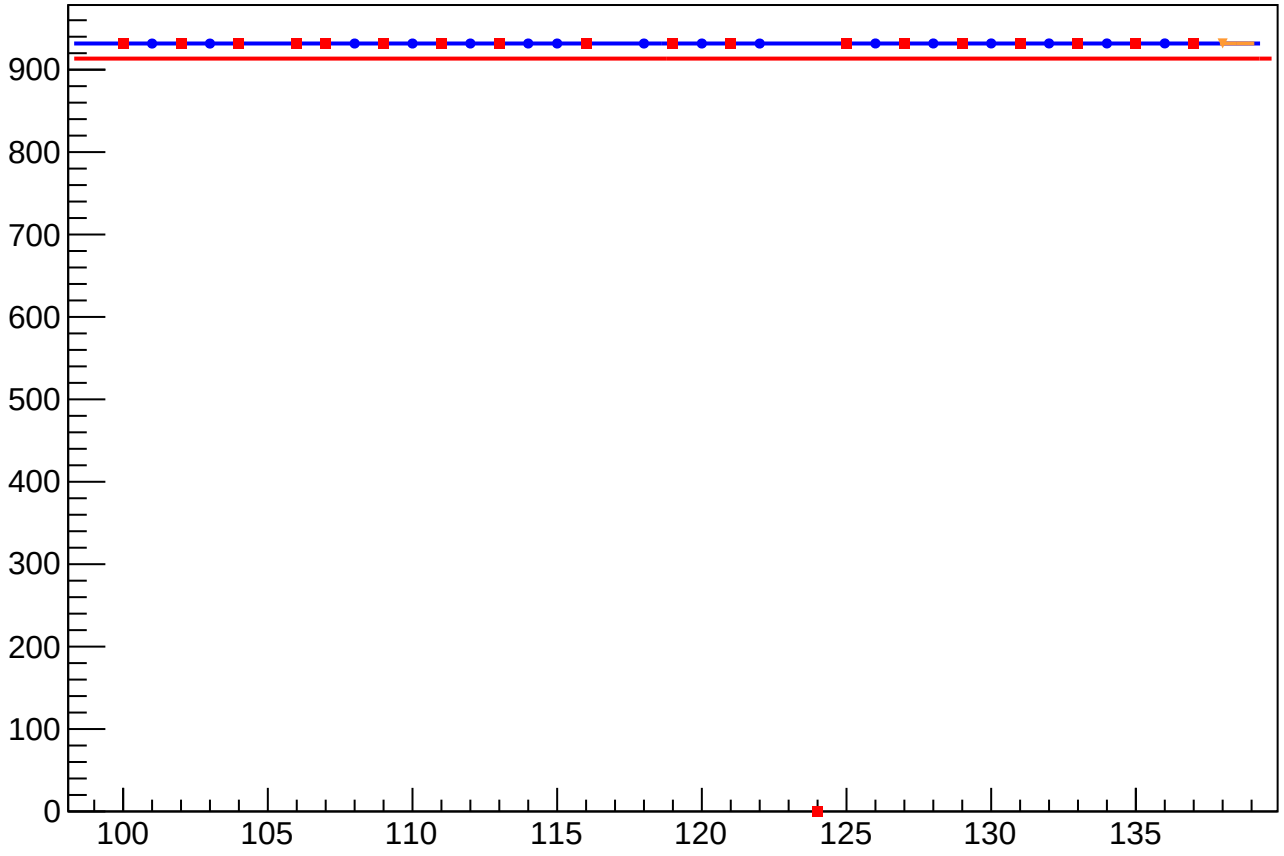
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 0.1/16

All: 0.009+/-0.000 χ^2/NDF: 0.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.769+/-0.000 χ^2/NDF: 2757217223595001187167685836800.0/15

Left Out: 931.862+/-0.000 χ^2/NDF:0.0/0

Right Out: 913.447+/-0.000 χ^2/NDF: 12765879635094435683491886518824337408.0/18

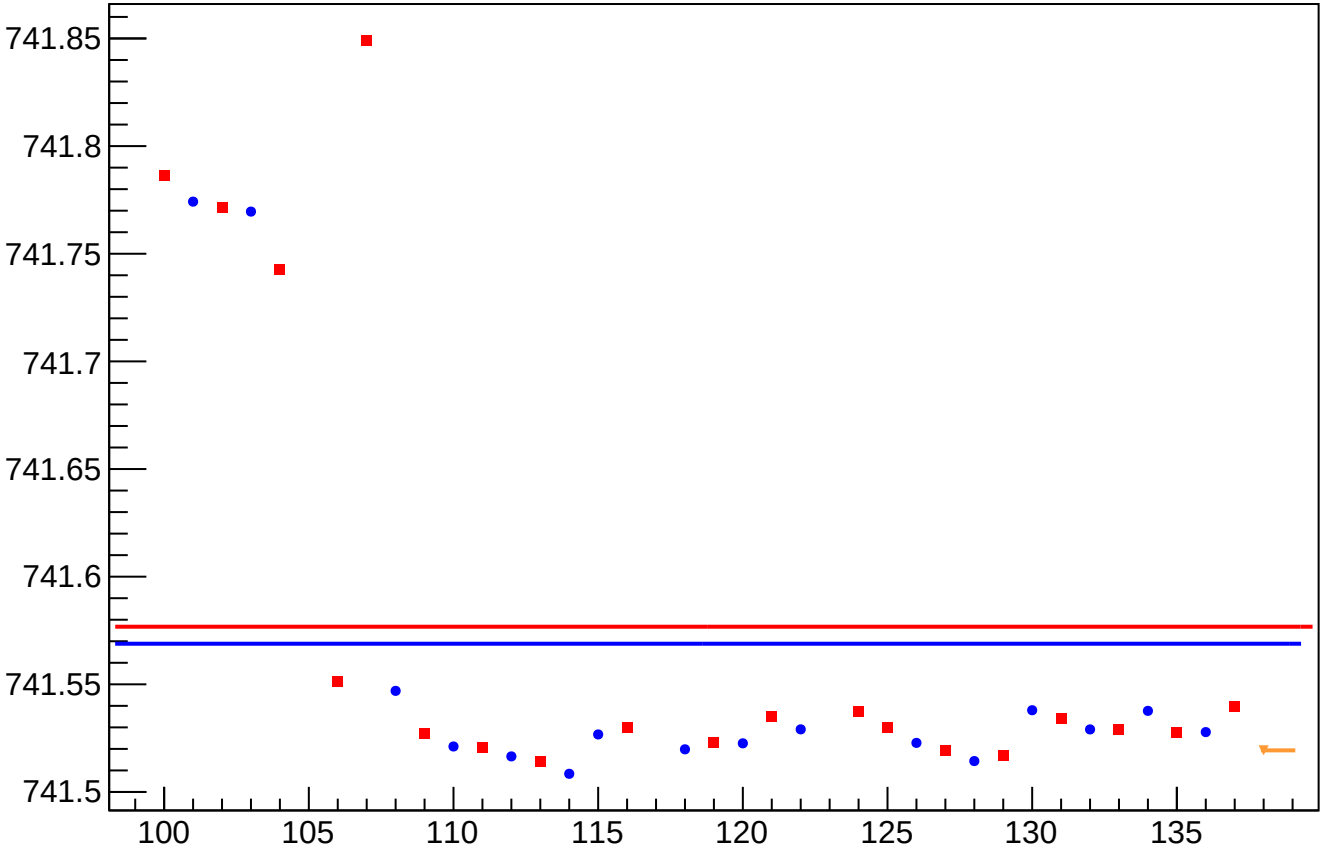
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 931.778+/-0.000 χ^2/NDF: 339199181693065

All: 922.954+/-0.000 χ^2/NDF: 12898853310

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.569+/-0.000 χ^2/NDF: 643295117612794706193889938636 8.0/15

Left Out: 741.519+/-0.000 χ^2/NDF:1046900.5/0

Right Out: 741.577+/-0.000 χ^2/NDF: 769226394789261471153747761561 6.0/18

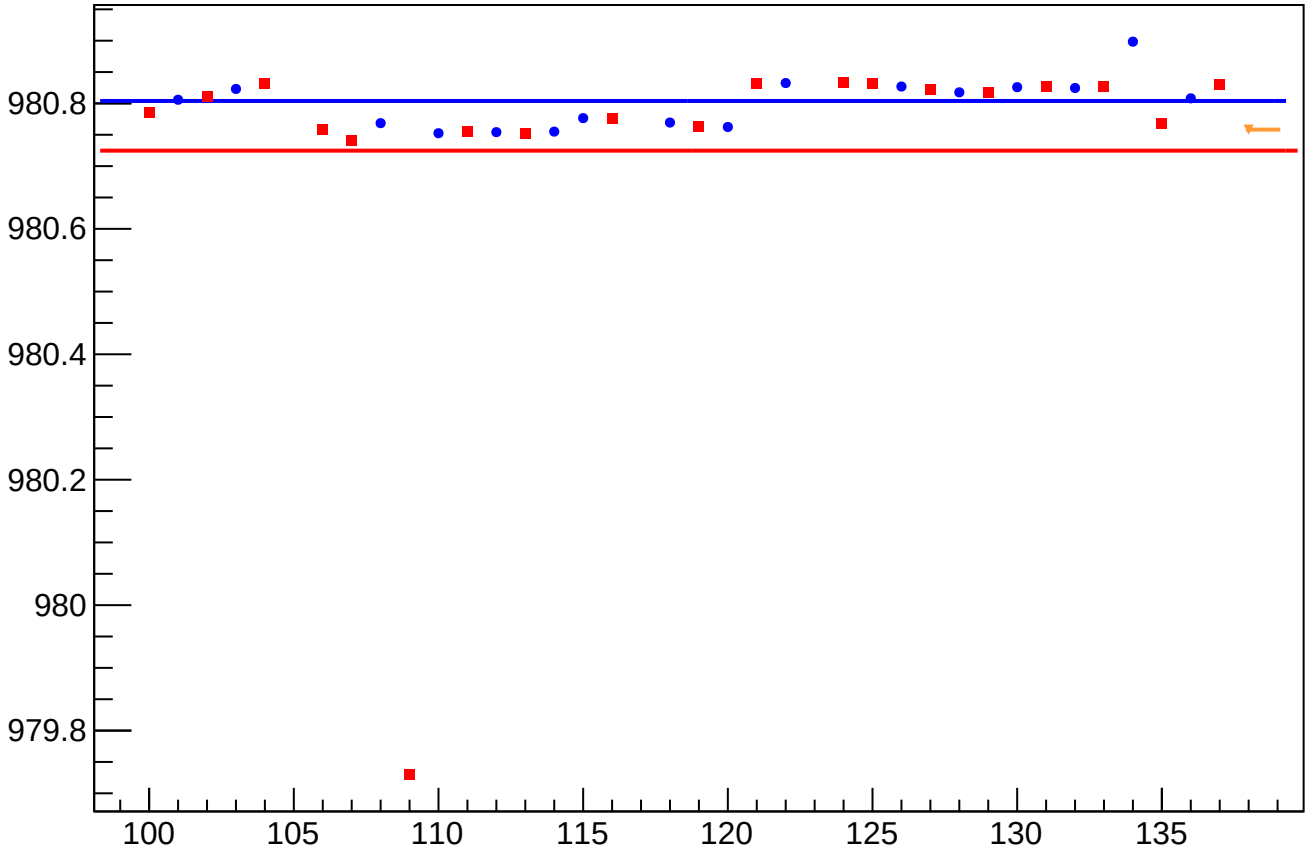
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 741.564+/-0.000 χ^2/NDF: 661209781523546

All: 741.570+/-0.000 χ^2/NDF: 143690191296

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.804+/-0.000 χ^2/NDF: 9333132768848077867742459330560/15

Left Out: 980.758+/-0.000 χ^2/NDF:0.0/0

Right Out: 980.725+/-0.000 χ^2/NDF: 560402056173583362216628762705920/18

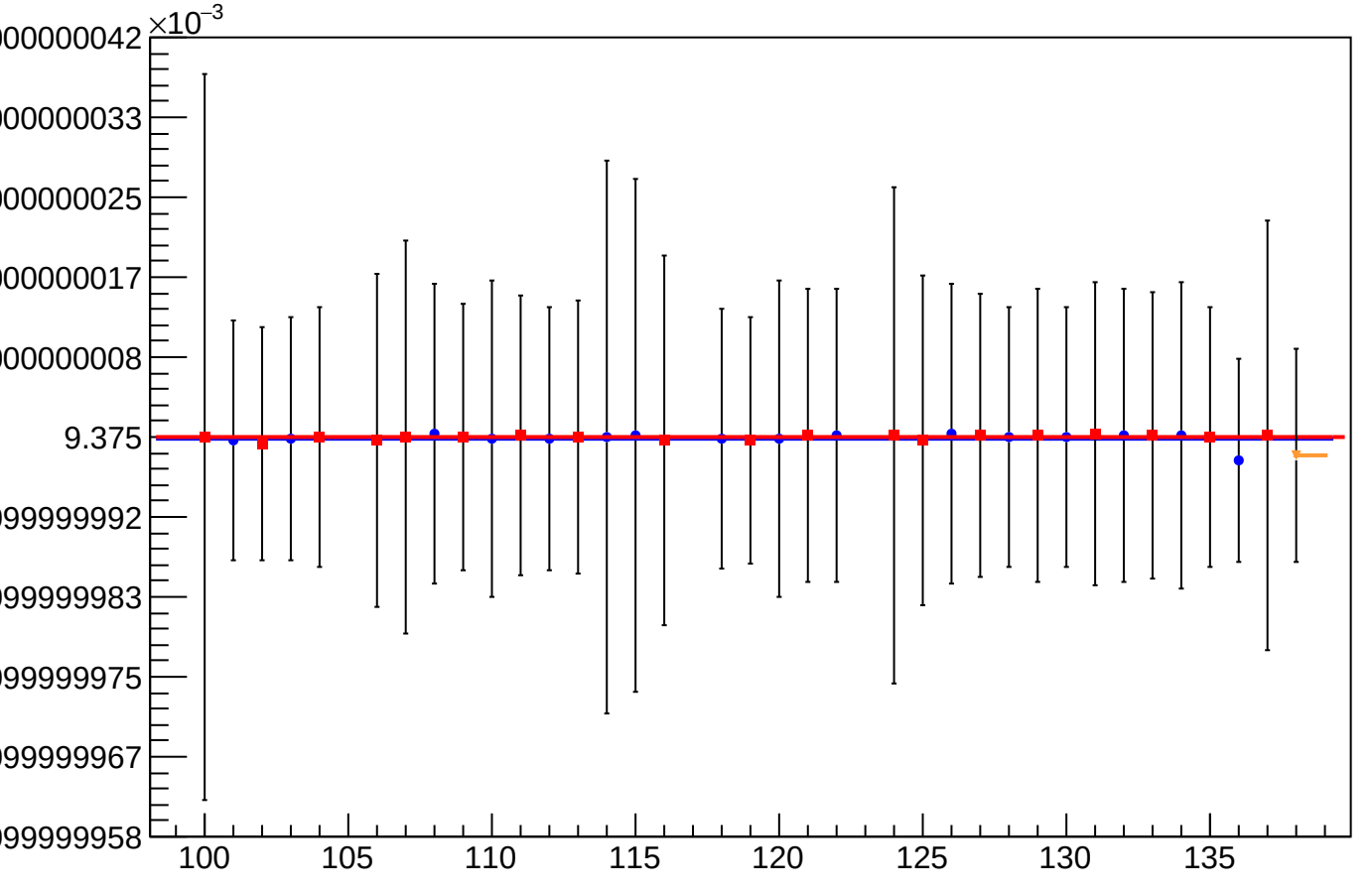
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 980.799+/-0.000 χ^2/NDF: 108563771673276

All: 980.763+/-0.000 χ^2/NDF: 593350138471

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

MQ172RM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.1/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 0.0/18

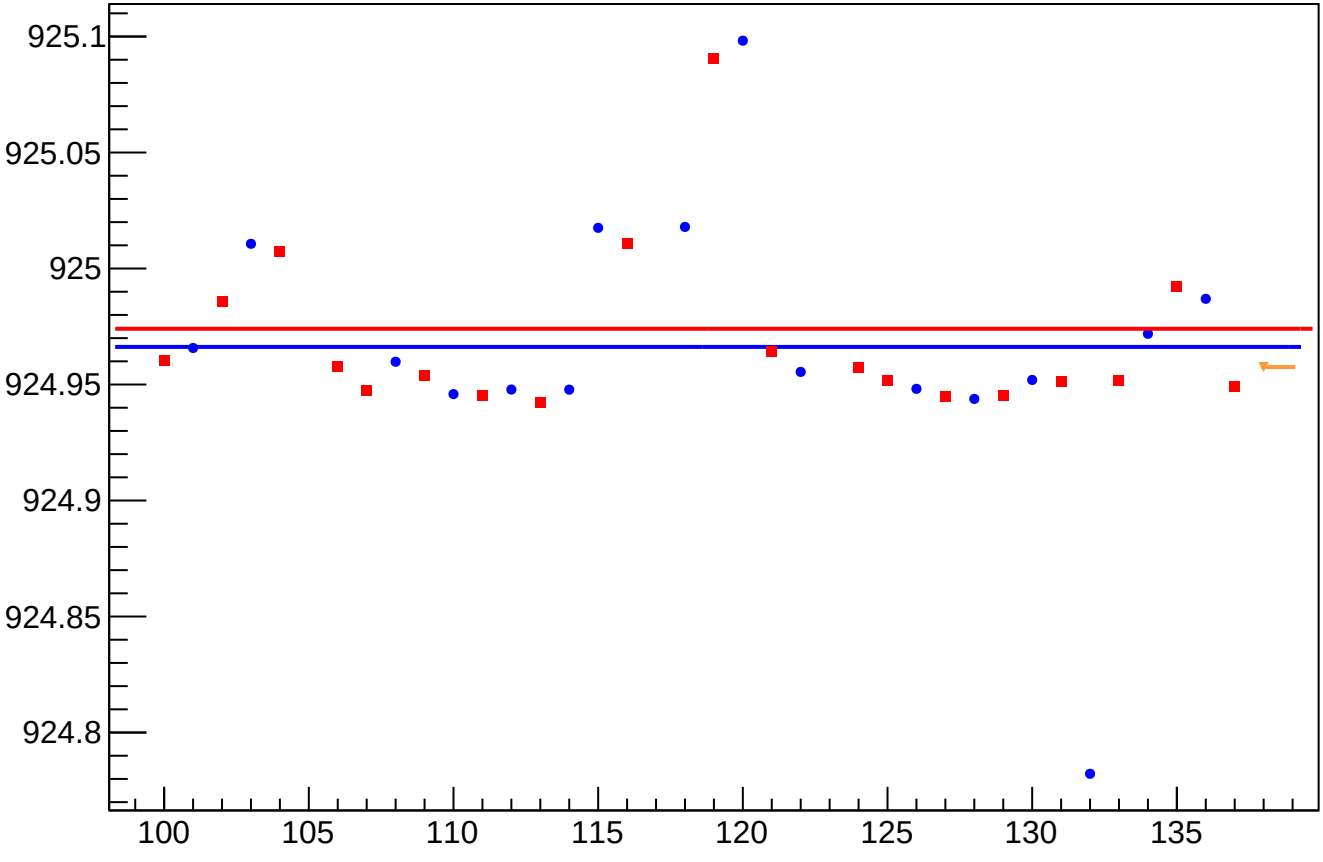
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 0.1/16

All: 0.009+/-0.000 χ^2/NDF: 0.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.966+/-0.000 χ^2/NDF: 254437050808765880053303712153 6.0/15

Left Out: 924.958+/-0.000 χ^2/NDF:1046900.5/0

Right Out: 924.974+/-0.000 χ^2/NDF: 124198152111689090023635183206 4.0/18

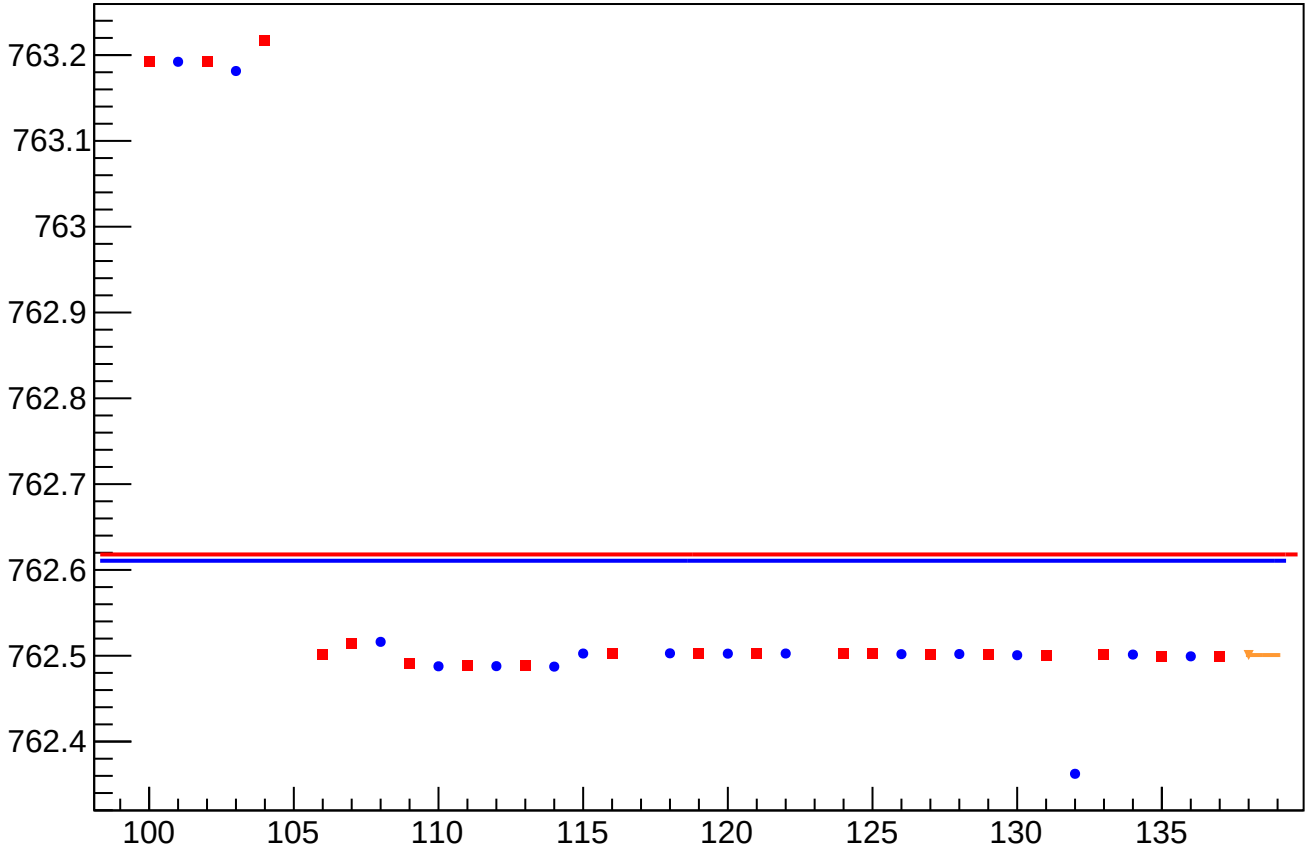
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 924.965+/-0.000 χ^2/NDF: 254988194050924

All: 924.970+/-0.000 χ^2/NDF: 382170773432

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.611+/-0.000 χ^2/NDF: 52161453489138778834460408283136.0/15

Left Out: 762.501+/-0.000 χ^2/NDF:1046900.5/0

Right Out: 762.618+/-0.000 χ^2/NDF: 53134338532630395841297843748864.0/18

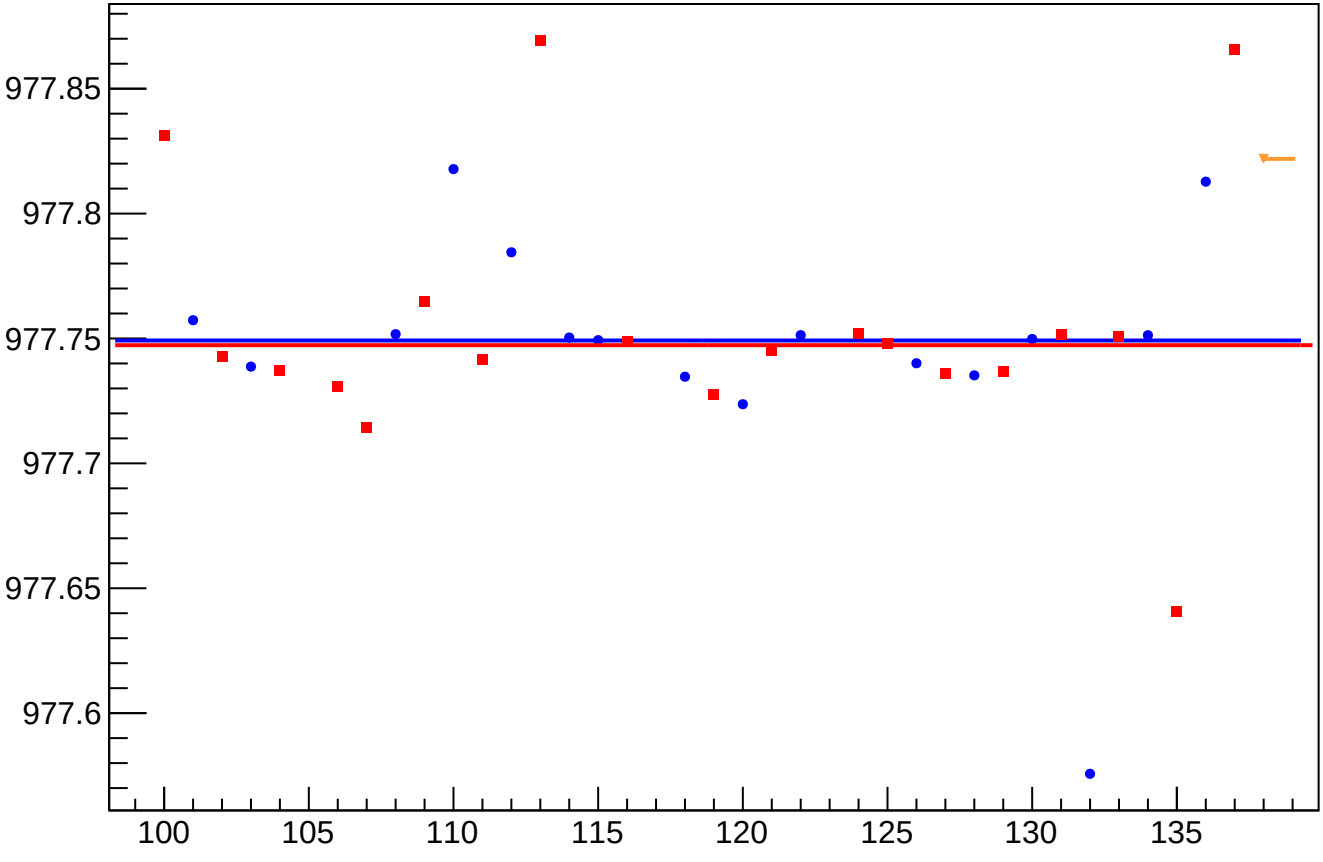
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 762.600+/-0.000 χ^2/NDF: 530430957860711

All: 762.609+/-0.000 χ^2/NDF: 106308151545

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.749+/-0.000 χ^2/NDF: 19595783310723160744482245181440.0/15

Left Out: 977.822+/-0.000 χ^2/NDF:0.0/0

Right Out: 977.747+/-0.000 χ^2/NDF: 178222687781691472632796623667 2.0/18

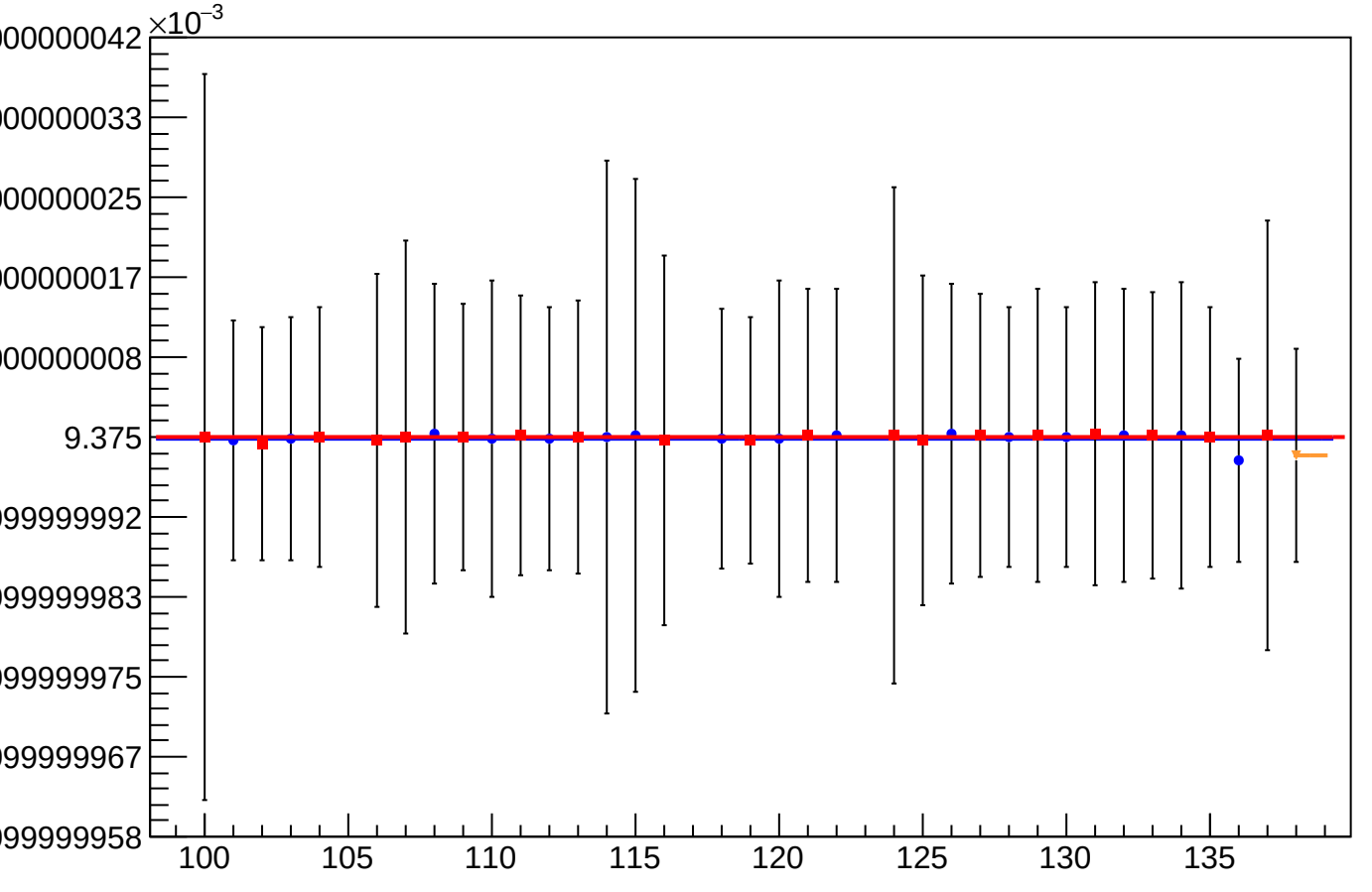
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 977.756+/-0.000 χ^2/NDF: 234570018866189

All: 977.752+/-0.000 χ^2/NDF: 41603660417 2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

hesDipole_current_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.1/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 0.0/18

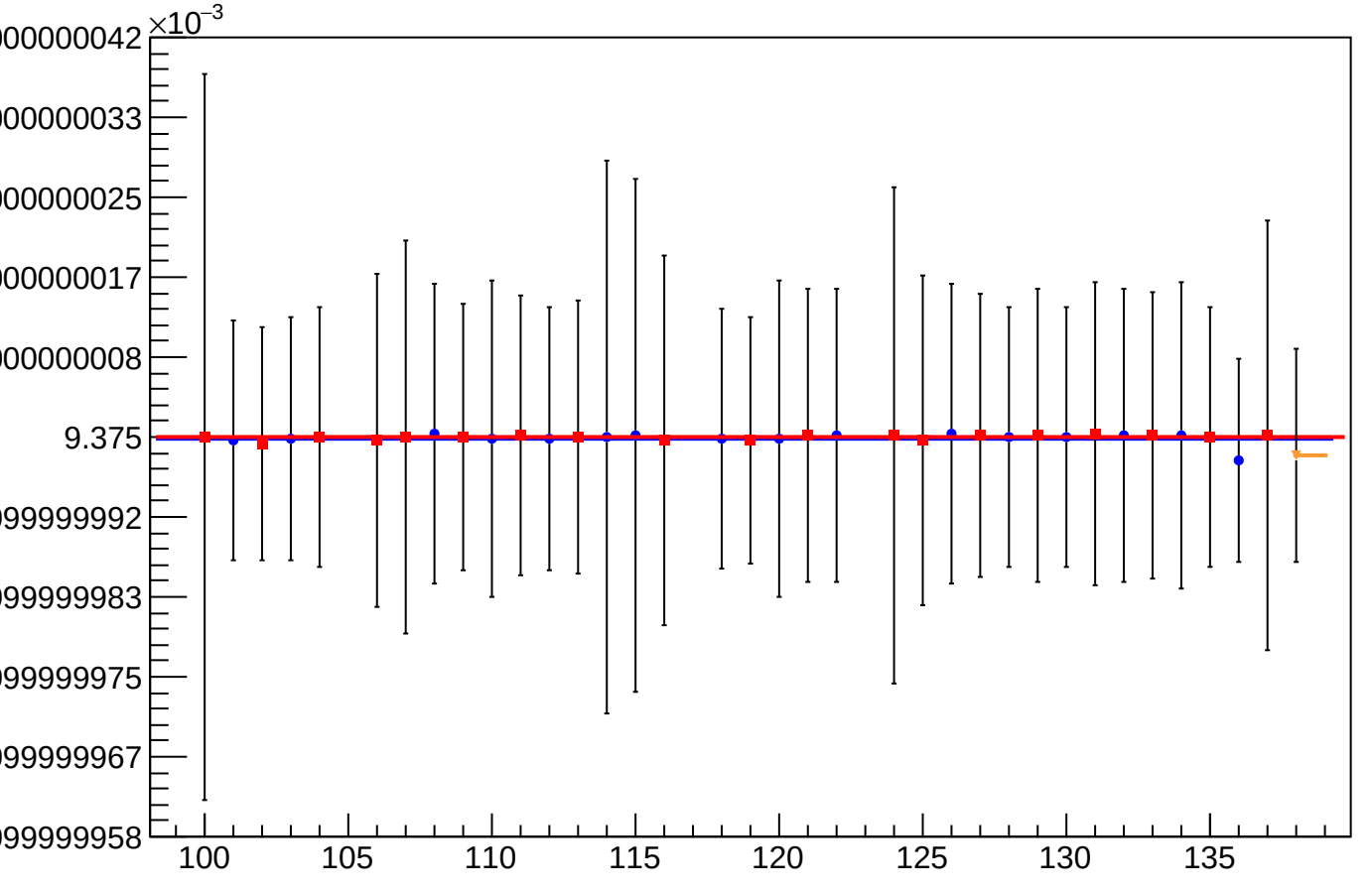
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 0.1/16

All: 0.009+/-0.000 χ^2/NDF: 0.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

MSUPERBIGBITEreadcalc_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.1/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 0.0/18

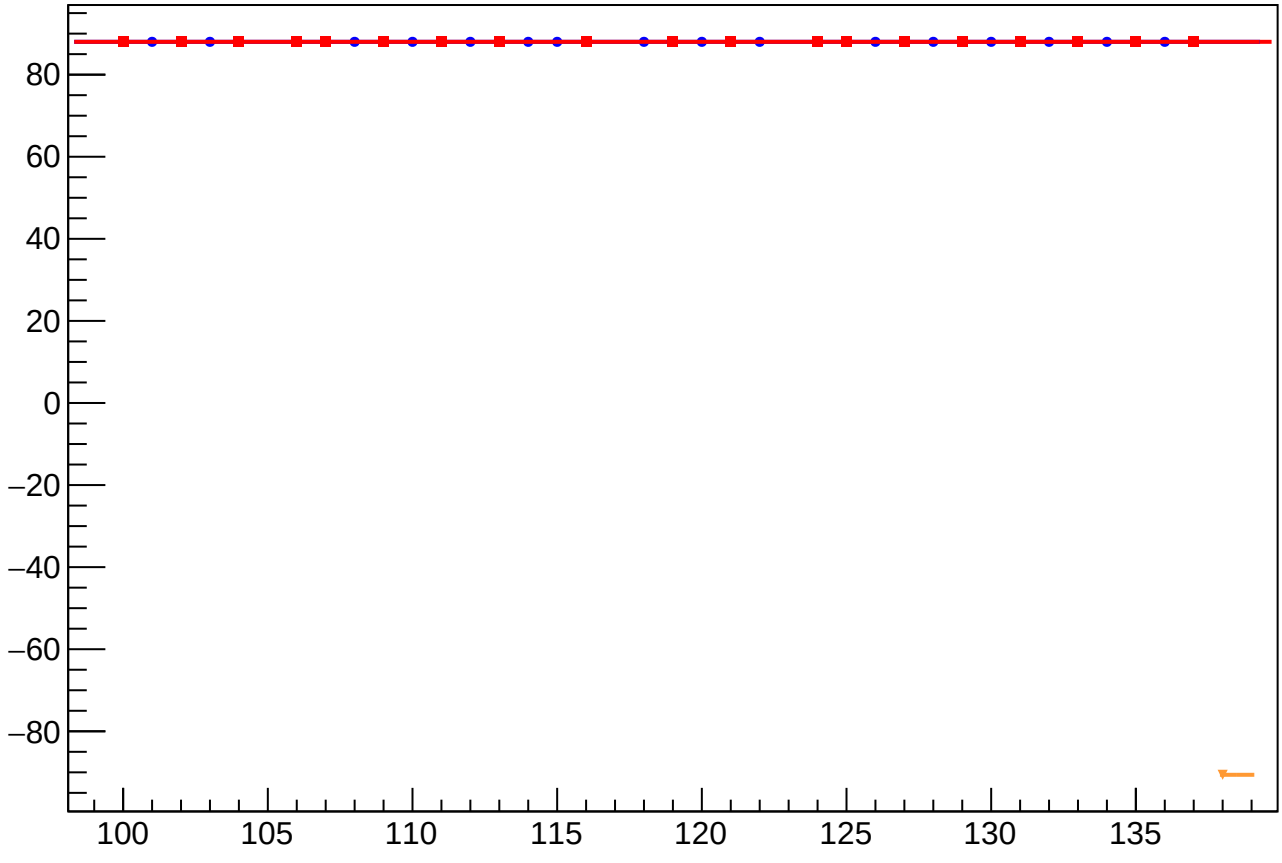
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 0.1/16

All: 0.009+/-0.000 χ^2/NDF: 0.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF: 1500072.7/15

Left Out: -90.599+/-0.000 χ^2/NDF:0.0/0

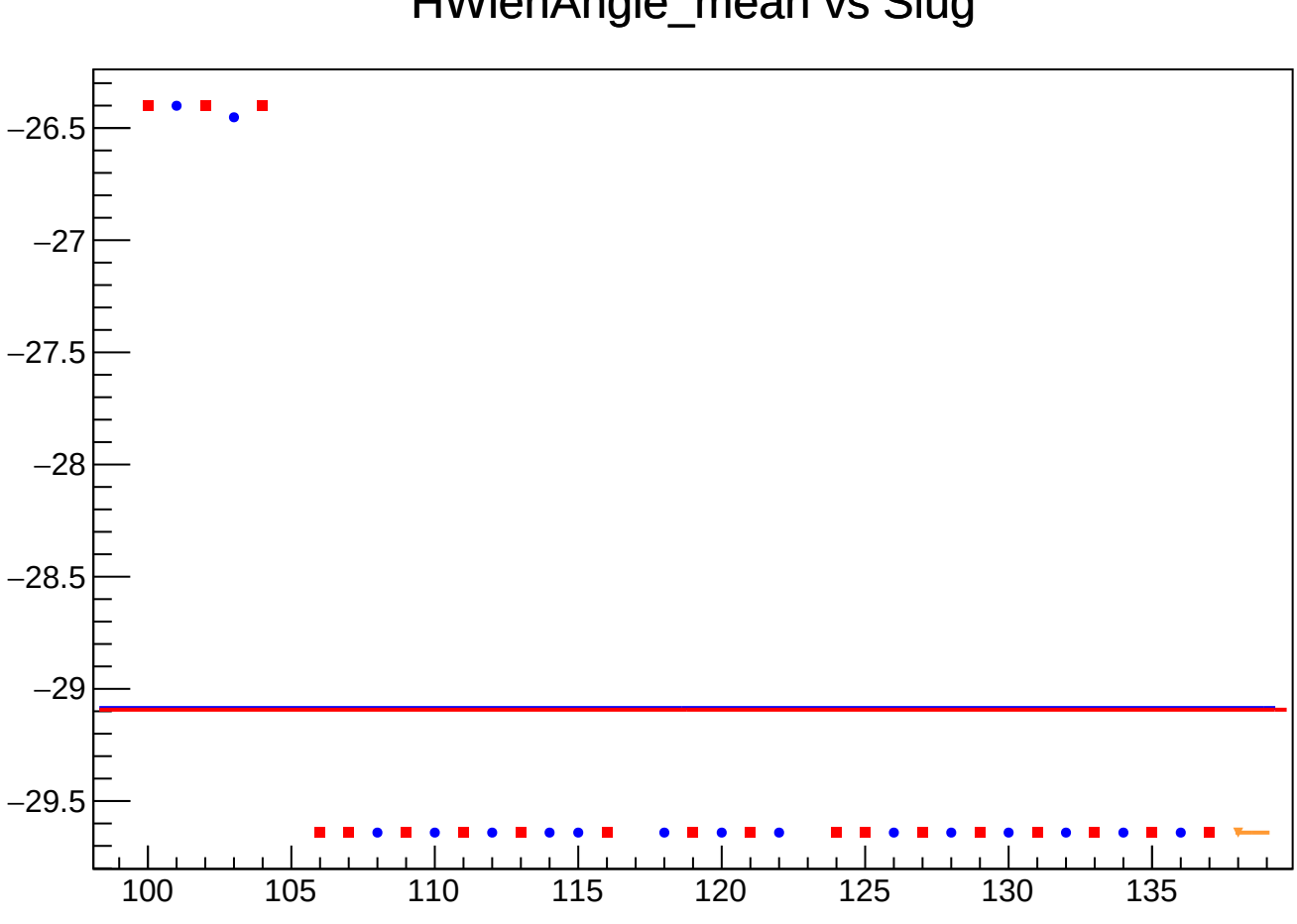
Right Out: 88.003+/-0.000 χ^2/NDF: 732270589413796643601760911360.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 70.401+/-0.000 χ^2/NDF: 2329133159562041

All: 78.875+/-0.000 χ^2/NDF: 245173305054

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -29.085+/-0.000 χ^2/NDF: 109436788525160987735503641195315 2.0/15

Left Out: -29.641+/-0.000 χ^2/NDF:0.0/0

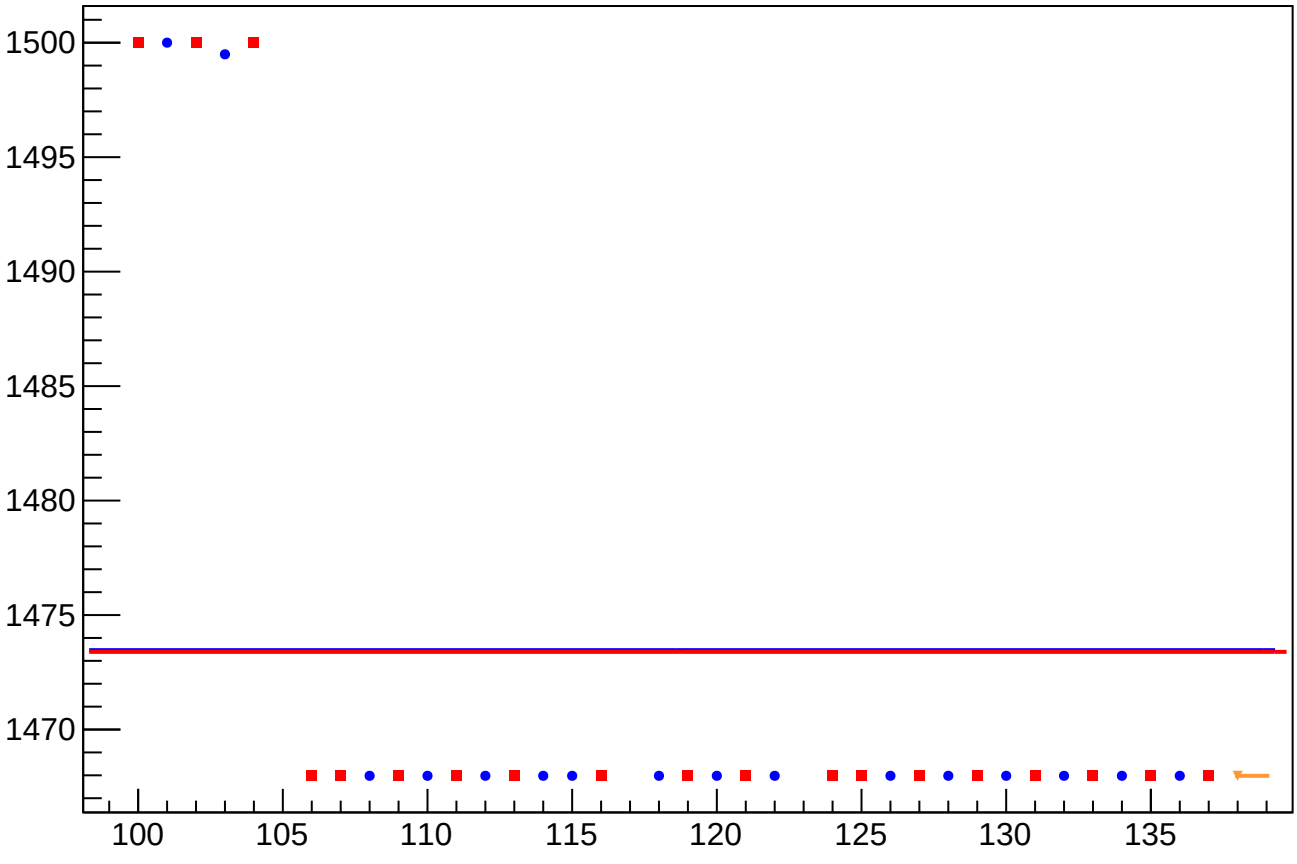
Right Out: -29.093+/-0.000 χ^2/NDF: 112523815674969284979780589977600 0.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -29.140+/-0.000 χ^2/NDF: 111688394827947

All: -29.117+/-0.000 χ^2/NDF: 224300370516

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 1473.467+/-0.000 χ^2/NDF: 10689419486070617687848579370477158 4.0/15

Left Out: 1467.979+/-0.000 χ^2/NDF:0.0/0

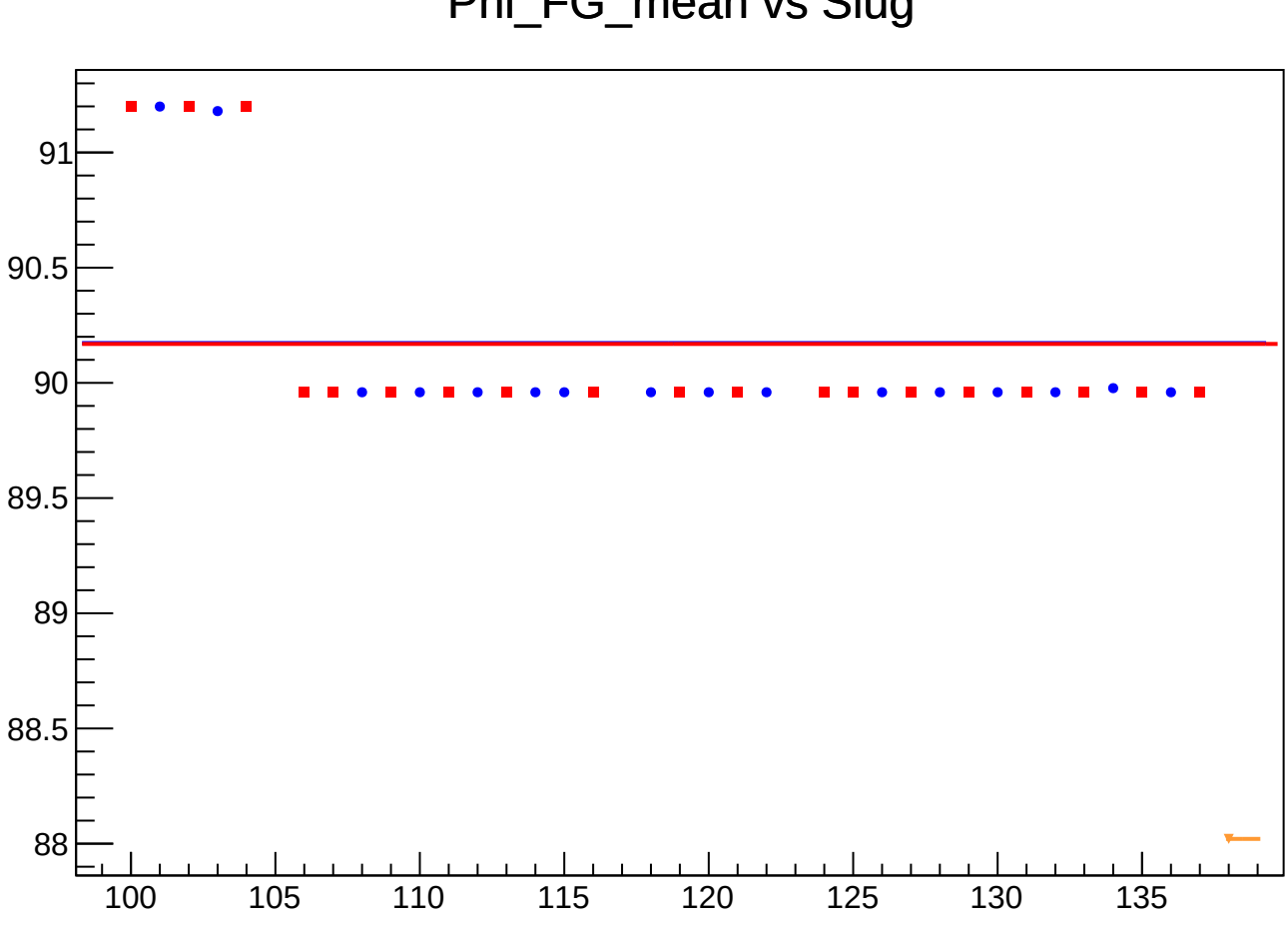
Right Out: 1473.393+/-0.000 χ^2/NDF: 10990949973340107876106784330062233 6.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 1472.927+/-0.000 χ^2/NDF: 1090934885911

All: 1473.151+/-0.000 χ^2/NDF: 2190891000

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 90.173+/-0.000 χ^2/NDF: 160010492173064584437589858058240.0/15

Left Out: 88.021+/-0.000 χ^2/NDF:0.0/0

Right Out: 90.169+/-0.000 χ^2/NDF: 164815404456112641329707295440896.0/18

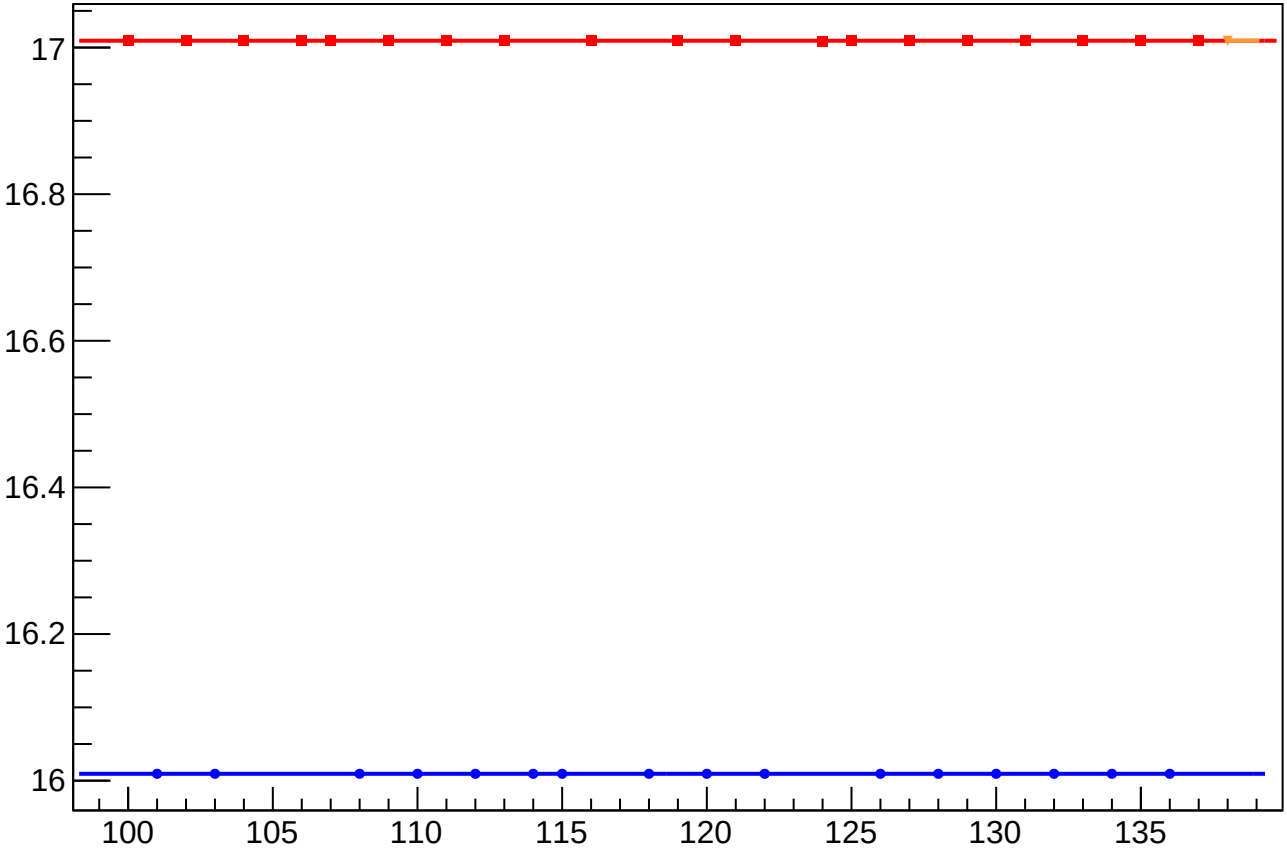
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 89.961+/-0.000 χ^2/NDF: 4981825578899912

All: 90.061+/-0.000 χ^2/NDF: 6801586826122

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF: 44239.3/15

Left Out: 17.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.009+/-0.000 χ^2/NDF: 13878987313036743260766208.0/18

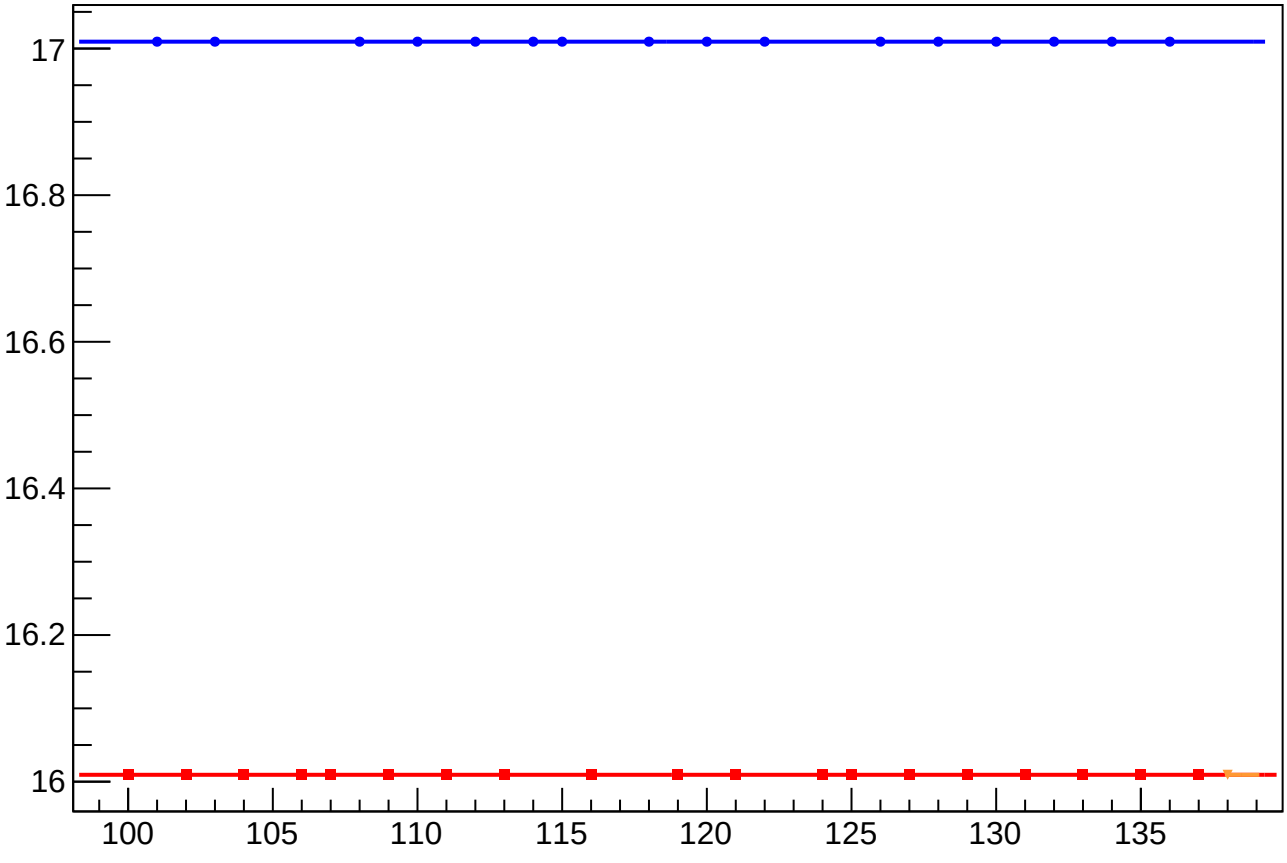
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.100+/-0.000 χ^2/NDF: 6363011861005294

All: 16.530+/-0.000 χ^2/NDF: 365543157839

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

IGL1I00OD16_16_mean vs Slug



Right In: 17.009+/-0.000 χ^2/NDF: 126634.3/15

Left Out: 16.009+/-0.000 χ^2/NDF:0.0/0

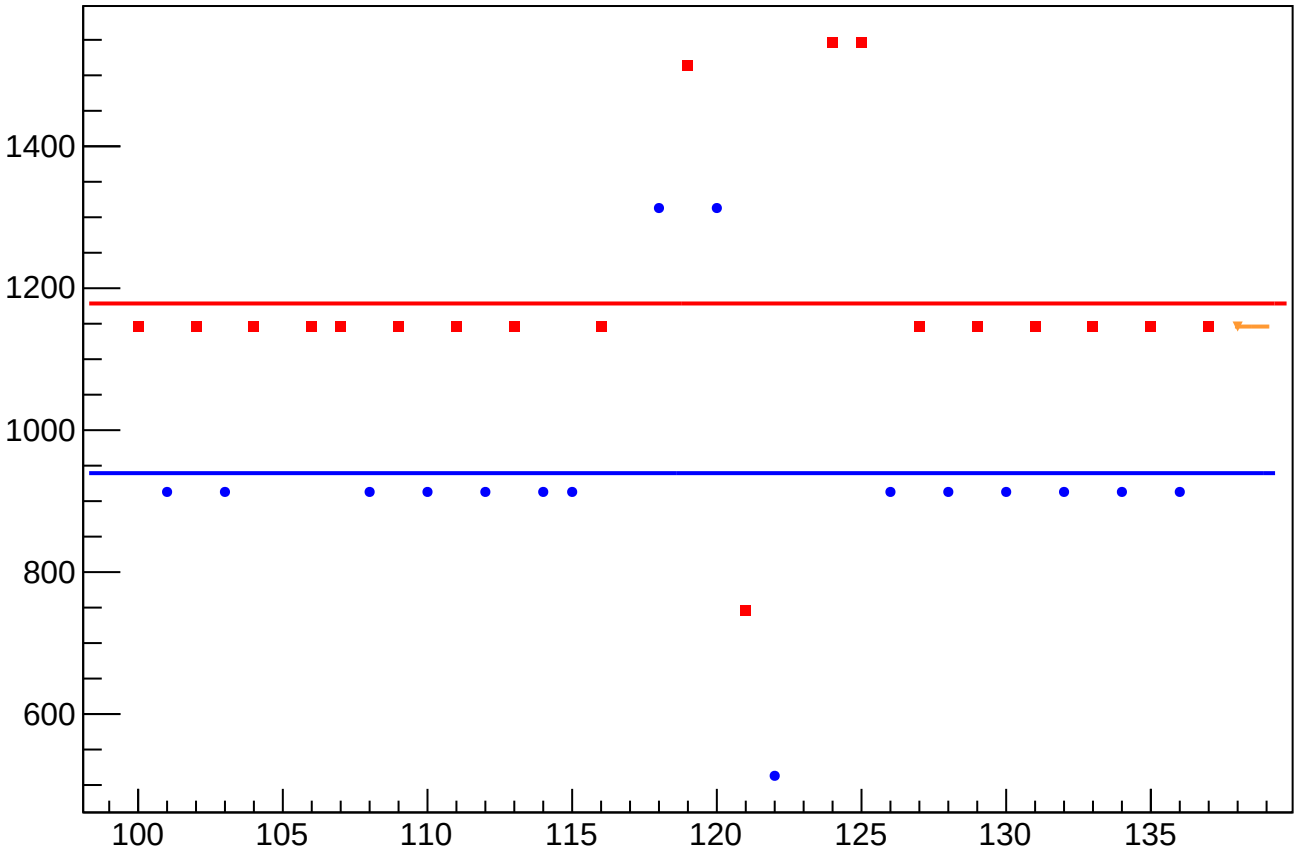
Right Out: 16.009+/-0.000 χ^2/NDF: 39518.8/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 16.907+/-0.000 χ^2/NDF: 7267385786801996

All: 16.466+/-0.000 χ^2/NDF: 383891402714

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 939.446+/-0.000 χ^2/NDF: 21082933856092788763552768673189986304.0/15

Left Out: 1146.013+/-0.000 χ^2/NDF:0.0/0

Right Out: 1178.513+/-0.000 χ^2/NDF: 22140259958123277565481106114837741568.0/18

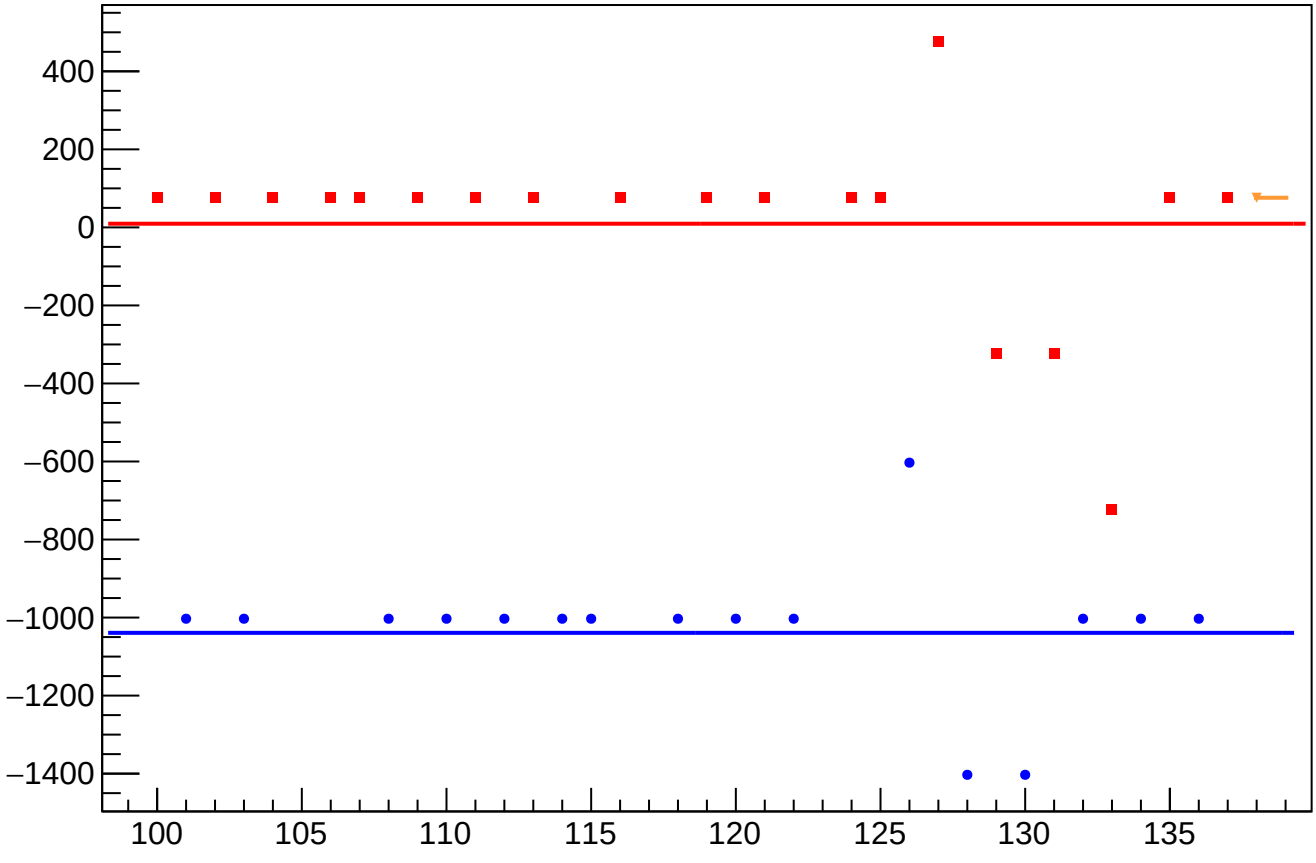
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 959.801+/-0.000 χ^2/NDF: 241986200862741

All: 1065.086+/-0.000 χ^2/NDF: 6526718968

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

RTPAPOSVCNT_mean vs Slug



Right In: -1039.157+/-0.000 χ^2/NDF: 228703773085071640027081015550845911104.0/15

Left Out: 76.009+/-0.000 χ^2/NDF:16357.8/0

Right Out: 9.430+/-0.000 χ^2/NDF: 460573947349287664748937365260515409920.0/18

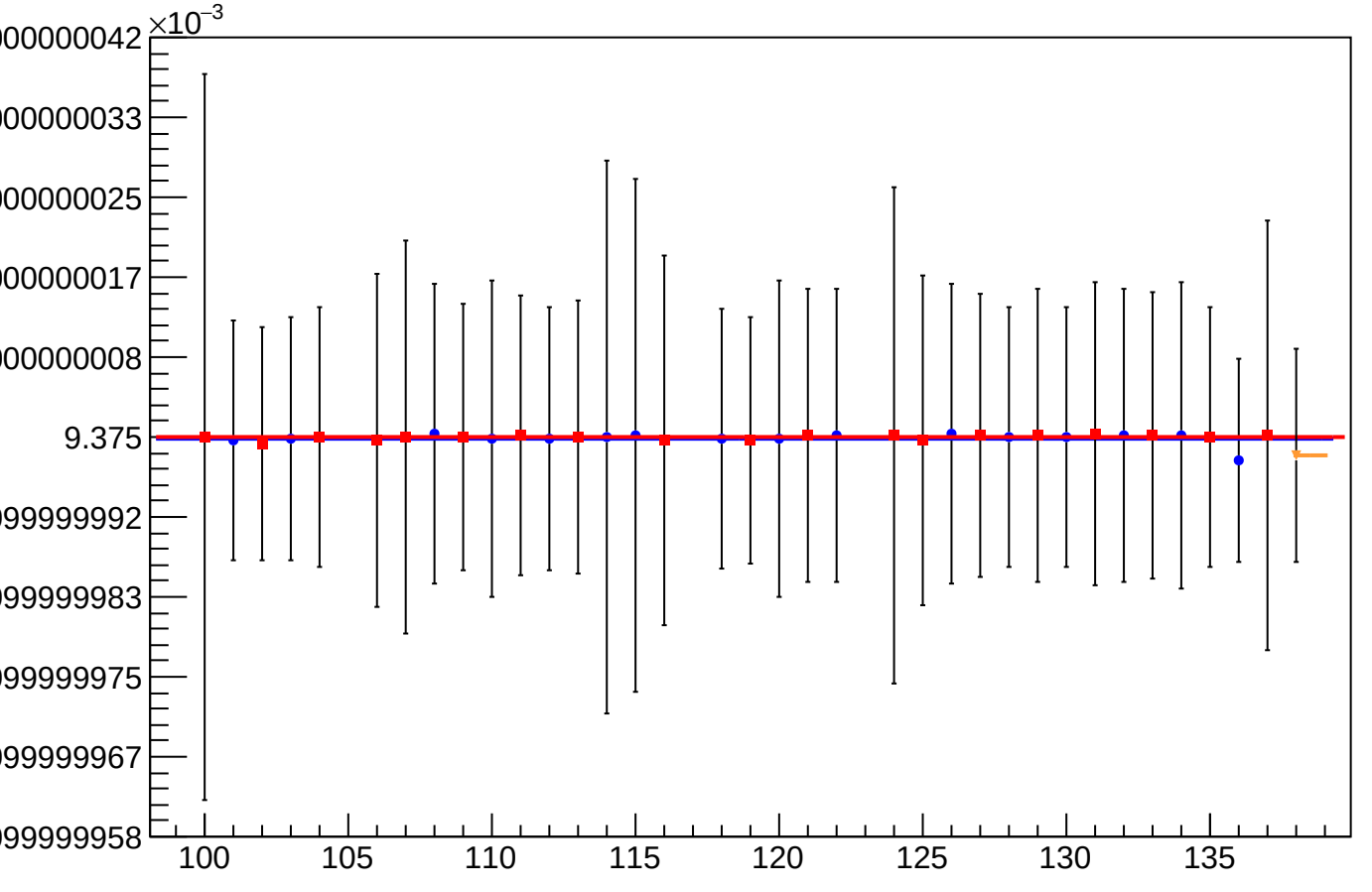
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign -929.268+/-0.000 χ^2/NDF: 11367552178455

All: -477.390+/-0.000 χ^2/NDF: 5084062442

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

RTPPITA1CNT_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.1/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 0.0/18

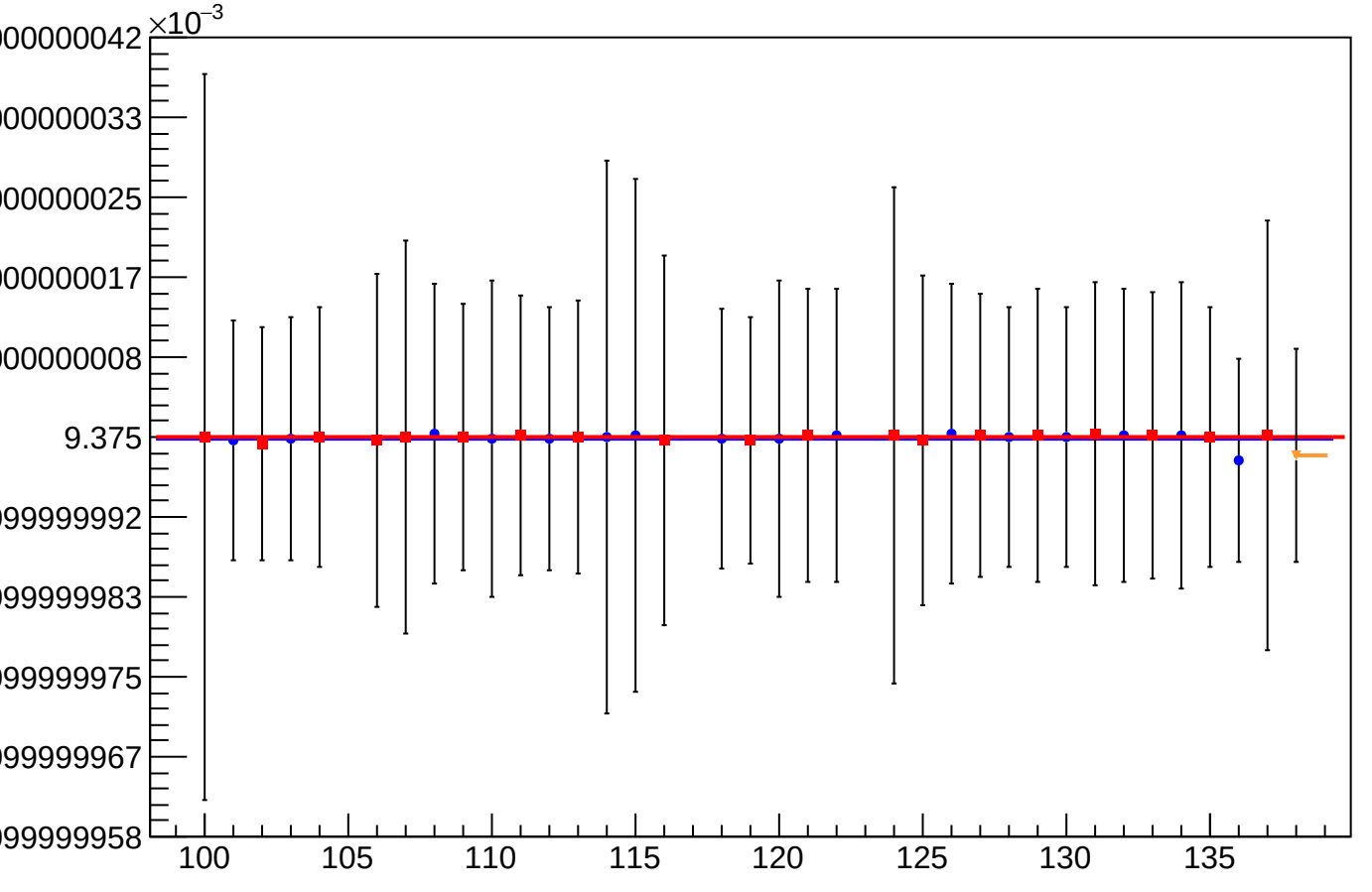
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 0.1/16

All: 0.009+/-0.000 χ^2/NDF: 0.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

RTPPITA2CNT_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.1/15

Left Out: 0.009+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 0.0/18

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.009+/-0.000 χ^2/NDF: 0.1/16

All: 0.009+/-0.000 χ^2/NDF: 0.1/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0