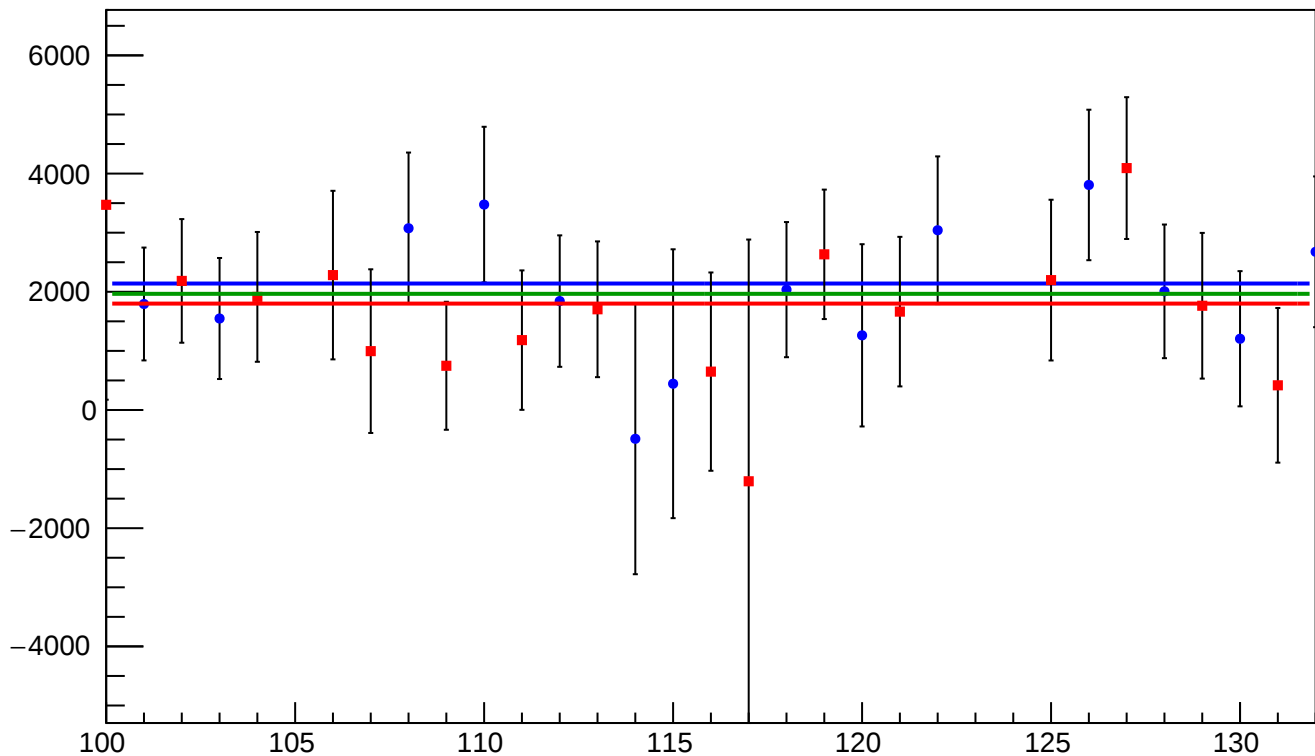


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2139.749+/-332.695 χ^2/NDF : 7.4/13

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

Right Out: 1800.202+/-323.940 χ^2/NDF : 8.5/15

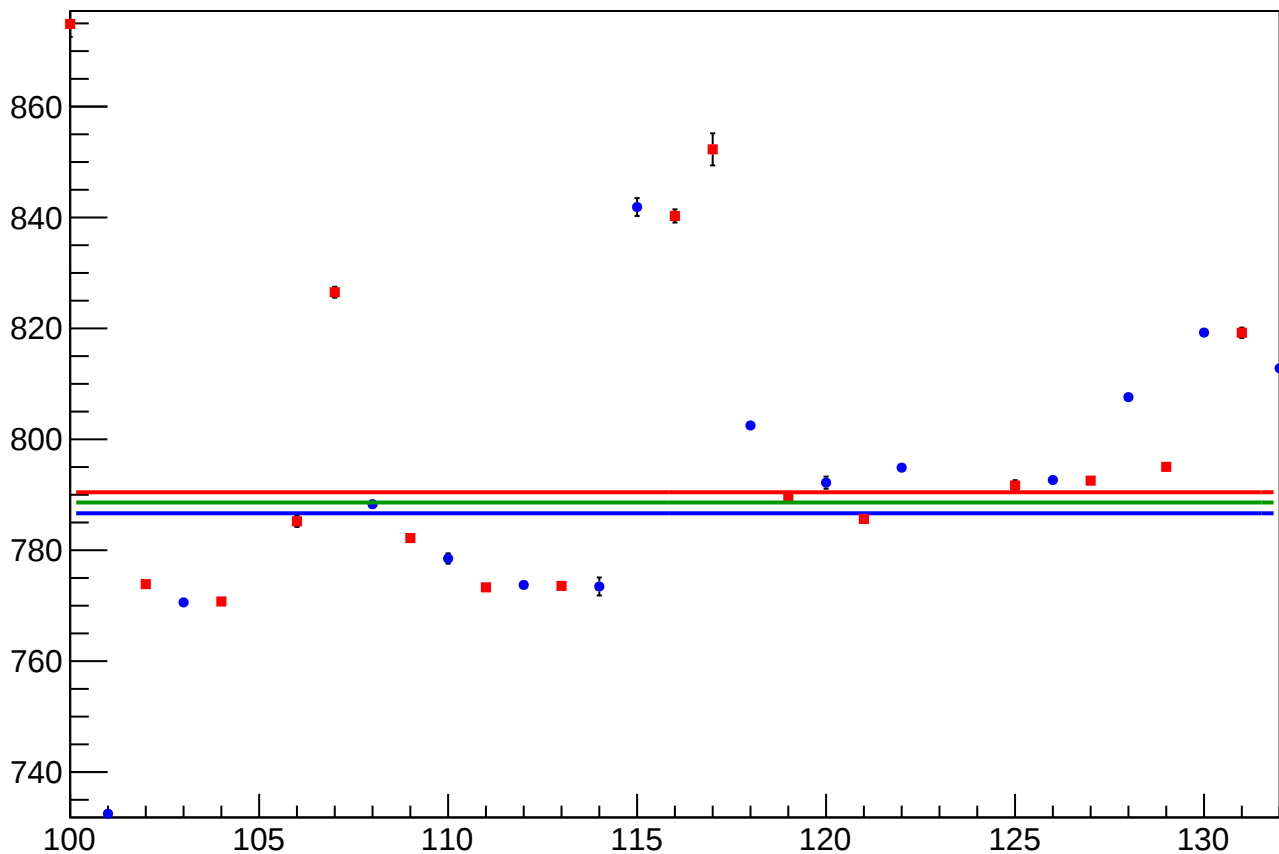
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2139.749+/-332.695 χ^2/NDF : 7.4/13

1965.449+/-232.094 χ^2/NDF : 16.5/29

1800.202+/-323.940 χ^2/NDF : 8.5/15

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 786.663 +/- 0.235 χ^2/NDF : 12218.7/13

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

Right Out: 790.454 +/- 0.229 χ^2/NDF : 8065.0/15

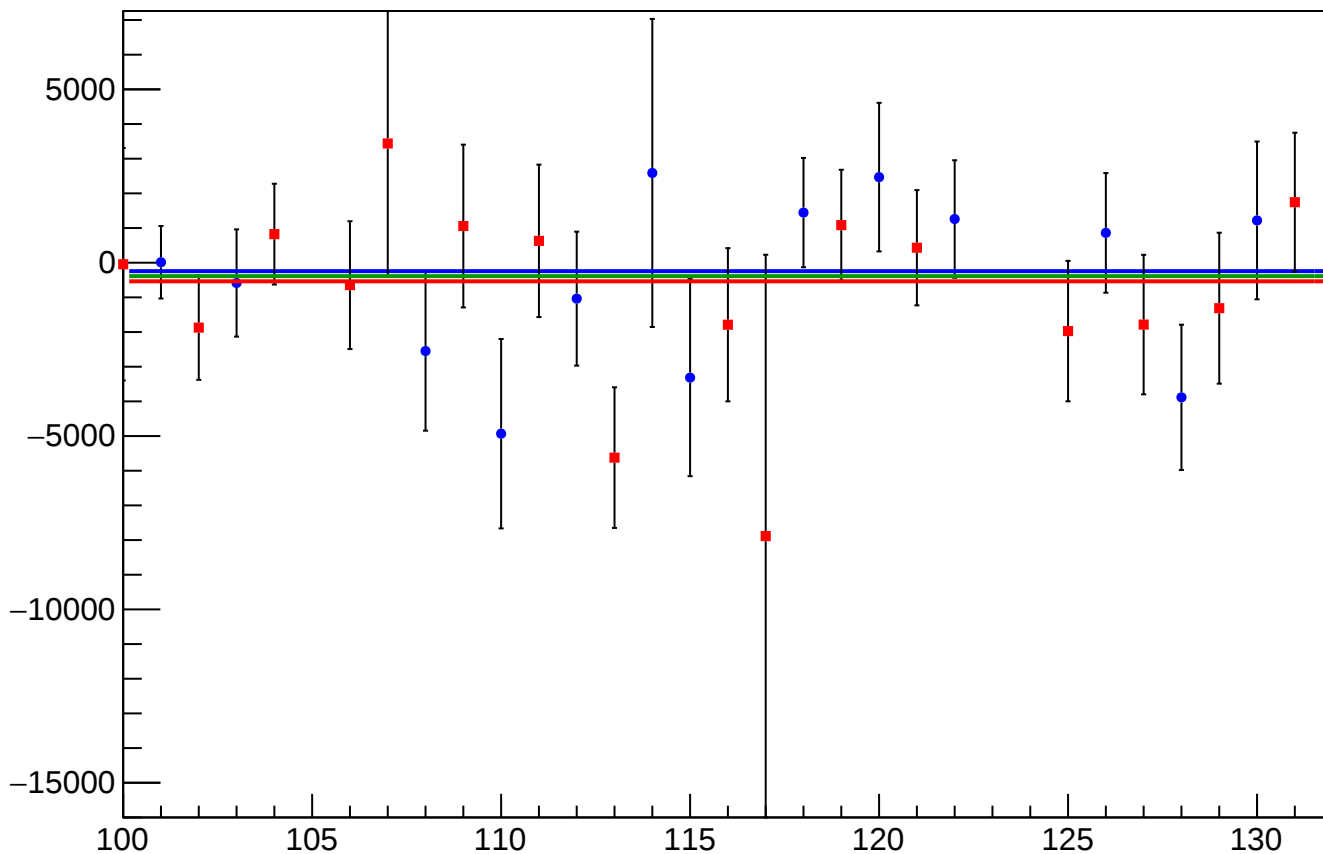
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

786.663 +/- 0.235 χ^2/NDF : 12218.7/13

788.609 +/- 0.164 χ^2/NDF : 20417.0/29

790.454 +/- 0.229 χ^2/NDF : 8065.0/15

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -244.012 ± 495.788 $\chi^2/\text{NDF}: 13.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -536.846 ± 504.969 $\chi^2/\text{NDF}: 14.6/15$

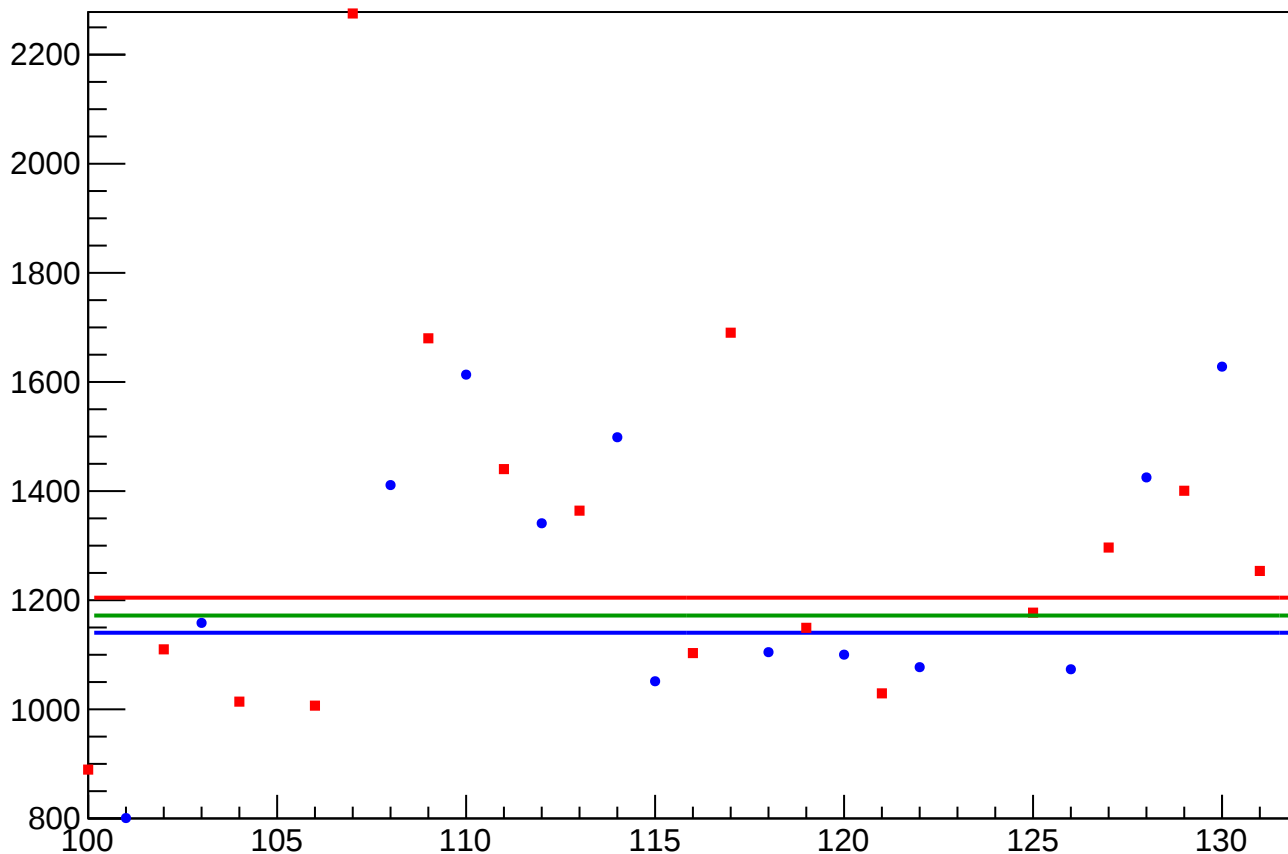
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-244.012 ± 495.788 $\chi^2/\text{NDF}: 13.3/13$

-387.743 ± 353.776 $\chi^2/\text{NDF}: 28.1/29$

-536.846 ± 504.969 $\chi^2/\text{NDF}: 14.6/15$

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1140.372 $\pm$ 0.351 χ^2 /NDF: 482872.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1204.661 $\pm$ 0.357 χ^2 /NDF: 415465.9/15

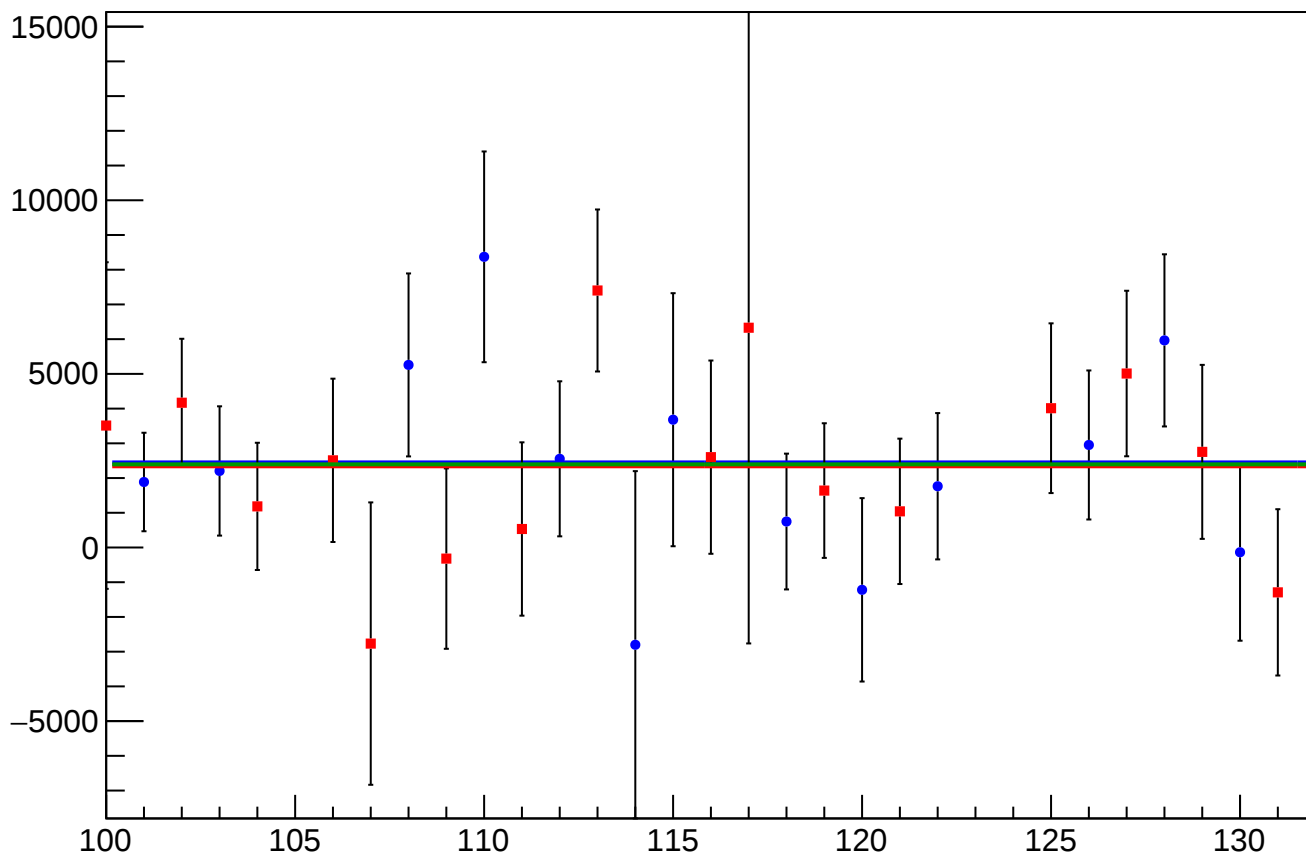
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1140.372 $\pm$ 0.351 χ^2 /NDF: 482872.1/13

1171.927 $\pm$ 0.250 χ^2 /NDF: 914843.5/29

1204.661 $\pm$ 0.357 χ^2 /NDF: 415465.9/15

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2449.837+/-609.443 χ^2/NDF : 12.6/13

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

Right Out: 2338.908+/-610.358 χ^2/NDF : 14.1/15

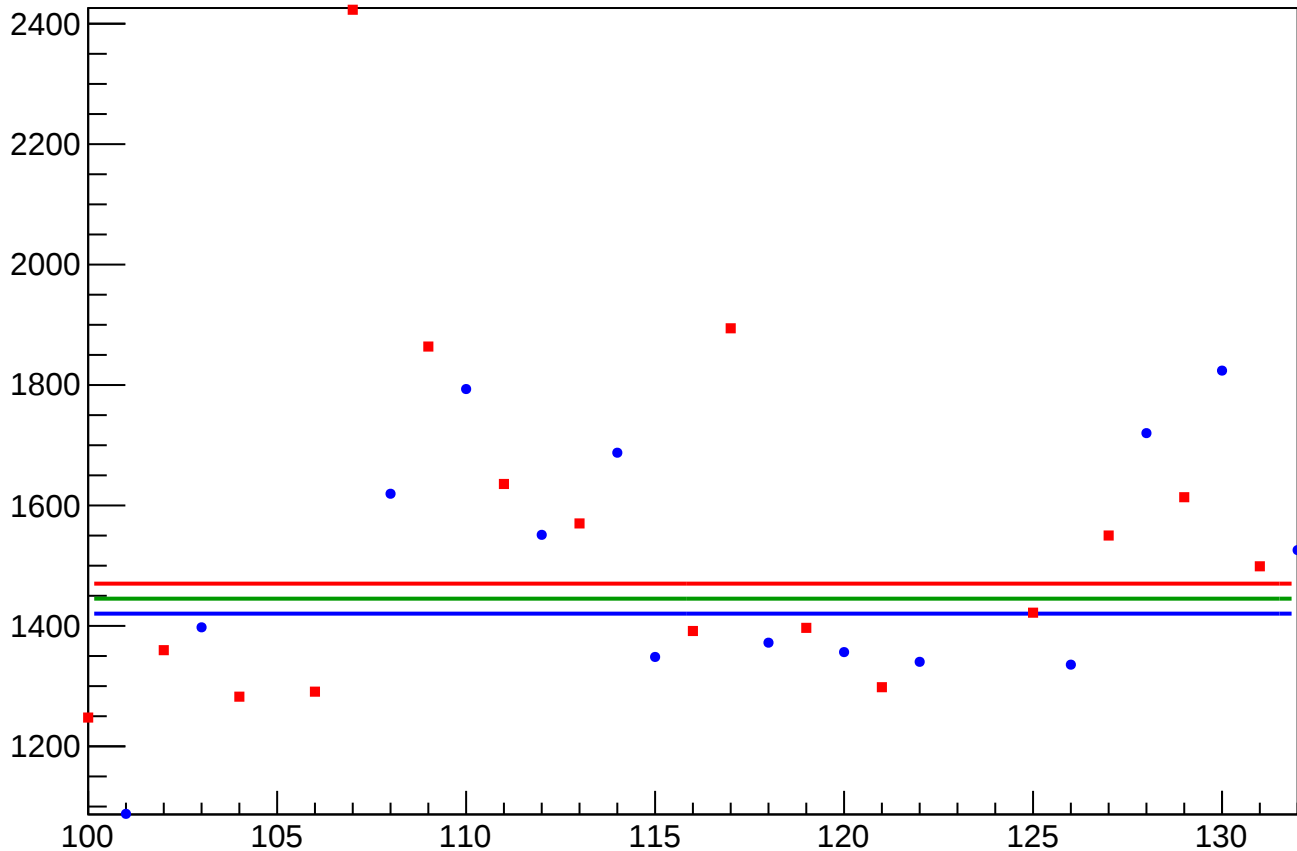
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2449.837+/-609.443 χ^2/NDF : 12.6/13

2394.456+/-431.264 χ^2/NDF : 26.7/29

2338.908+/-610.358 χ^2/NDF : 14.1/15

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1420.360+/-0.431 χ^2 /NDF: 256868.5/13

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

Right Out: 1470.177+/-0.432 χ^2 /NDF: 244758.6/15

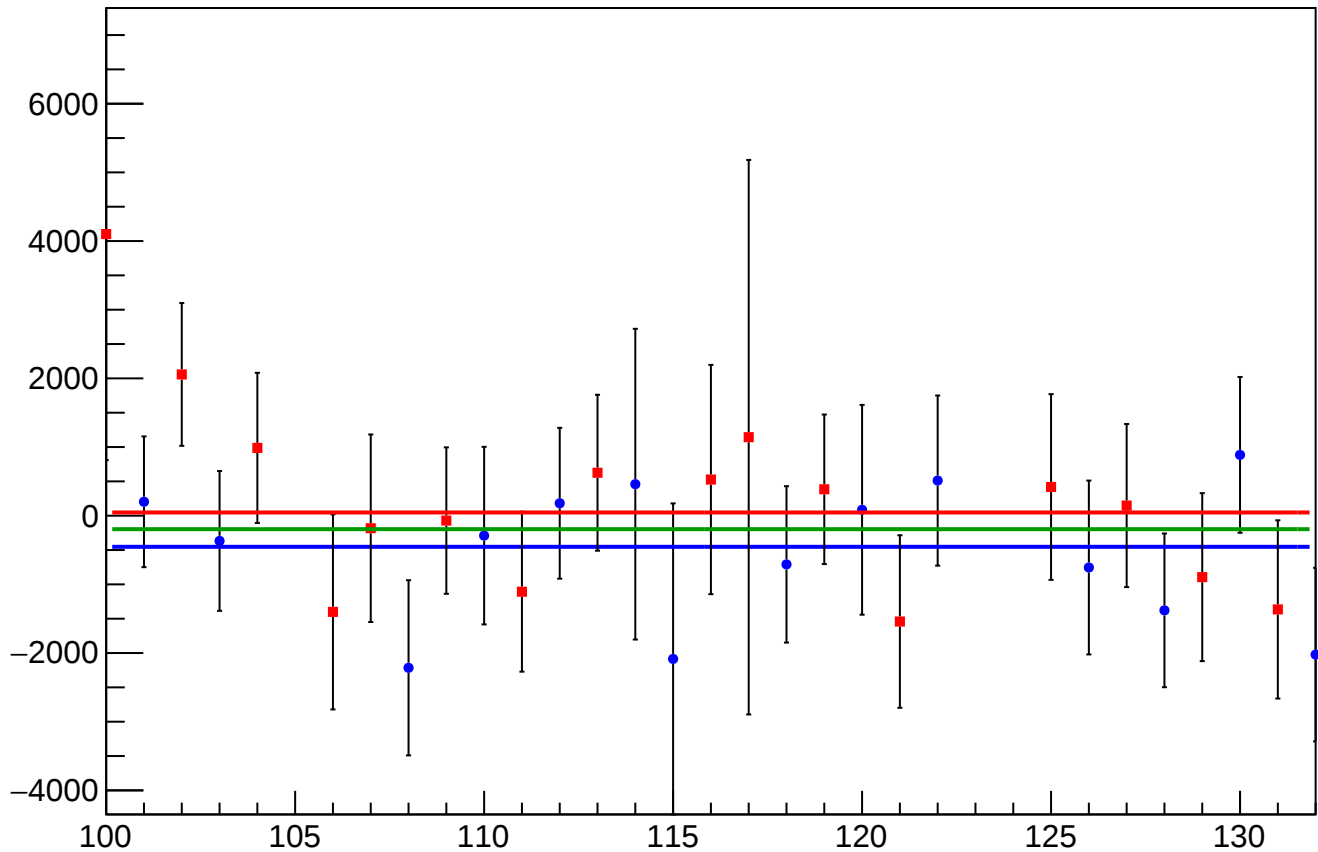
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1420.360+/-0.431 χ^2 /NDF: 256868.5/13

1445.231+/-0.305 χ^2 /NDF: 508298.8/29

1470.177+/-0.432 χ^2 /NDF: 244758.6/15

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -452.990+/-330.116 χ^2/NDF : 7.9/13

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

Right Out: 47.044+/-321.199 χ^2/NDF : 12.0/15

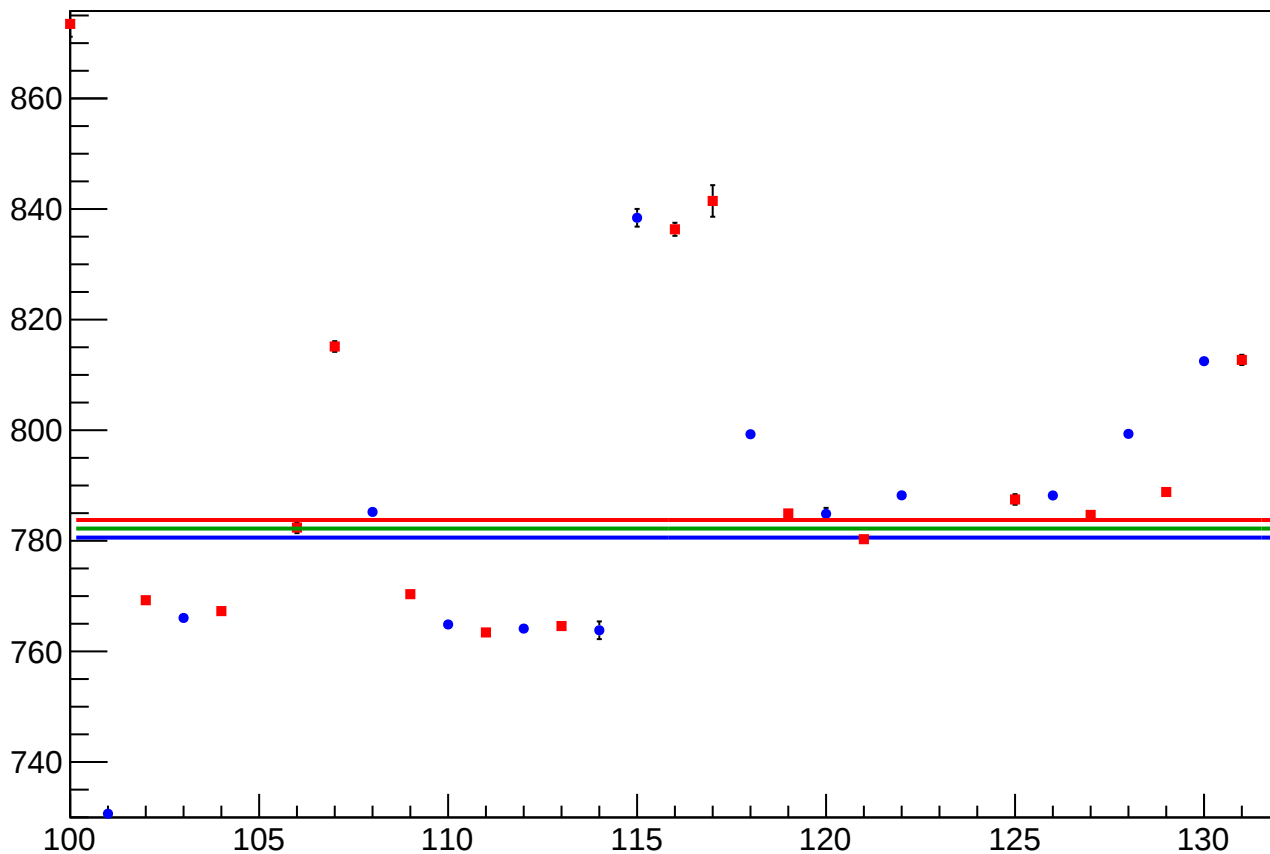
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-452.990+/-330.116 χ^2/NDF : 7.9/13

-196.129+/-230.210 χ^2/NDF : 21.1/29

47.044+/-321.199 χ^2/NDF : 12.0/15

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 780.580+/-0.233 χ^2/NDF : 11710.6/13

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

Right Out: 783.764+/-0.227 χ^2/NDF : 8337.4/15

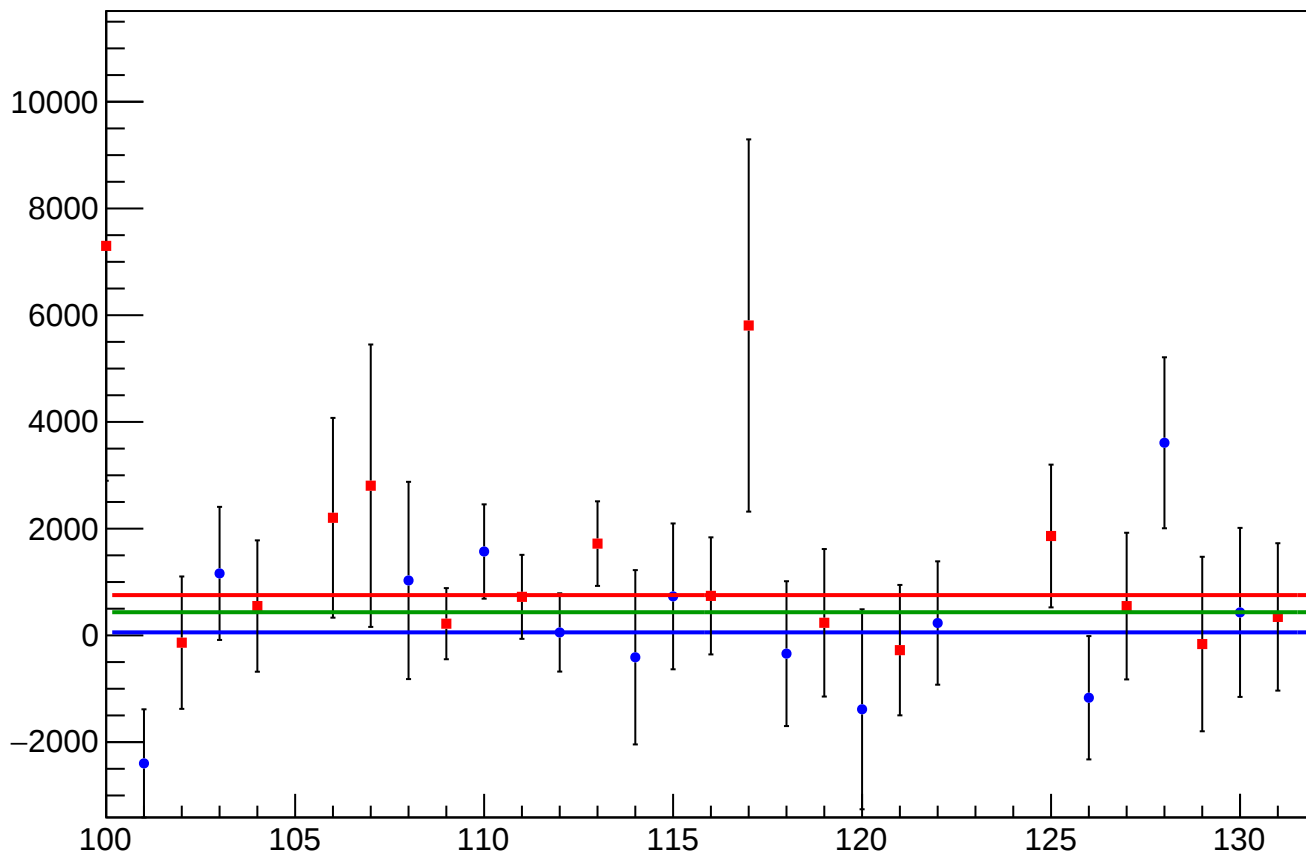
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

780.580+/-0.233 χ^2/NDF : 11710.6/13

782.216+/-0.163 χ^2/NDF : 20143.5/29

783.764+/-0.227 χ^2/NDF : 8337.4/15

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 56.742 $\pm$ 322.258 χ^2/NDF : 18.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 754.968 $\pm$ 296.956 χ^2/NDF : 10.1/15

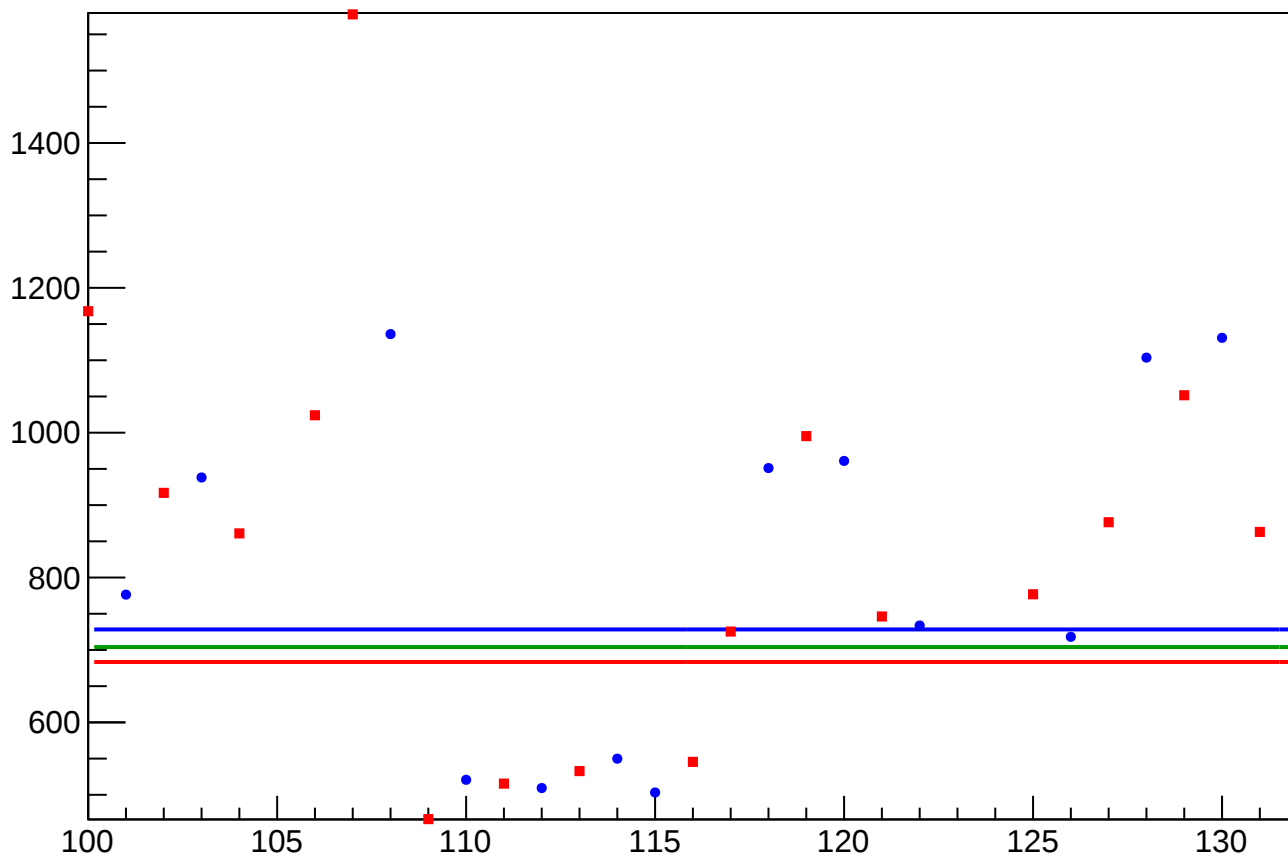
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

56.742 $\pm$ 322.258 χ^2/NDF : 18.3/13

434.338 $\pm$ 218.378 χ^2/NDF : 31.0/29

754.968 $\pm$ 296.956 χ^2/NDF : 10.1/15

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 728.321+/-0.228 χ^2/NDF : 866237.6/13

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

Right Out: 683.413+/-0.210 χ^2/NDF : 1130099.8/15

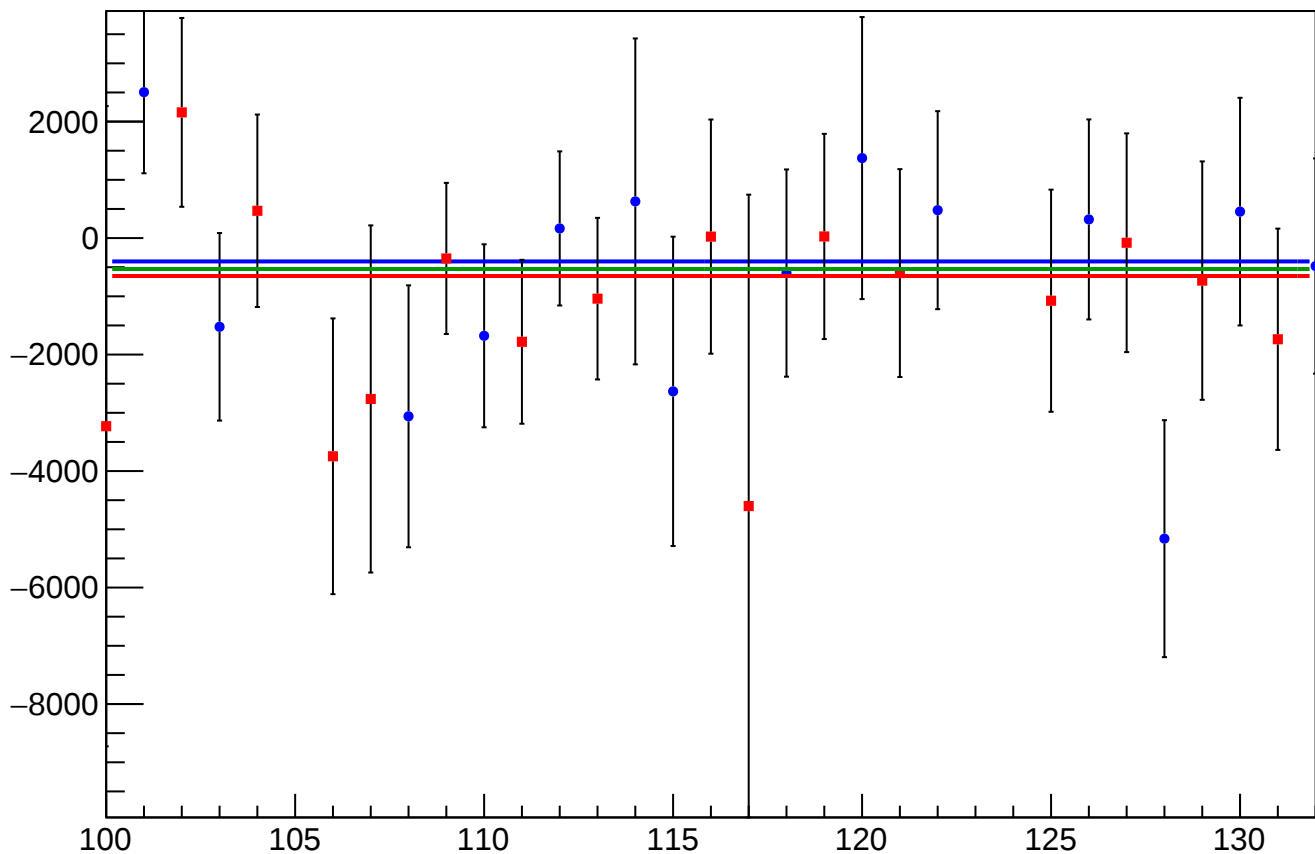
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

728.321+/-0.228 χ^2/NDF : 866237.6/13

704.035+/-0.154 χ^2/NDF : 2017341.7/29

683.413+/-0.210 χ^2/NDF : 1130099.8/15

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -400.930+/-481.518 χ^2/NDF : 14.6/13

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

Right Out: -651.183+/-462.099 χ^2/NDF : 8.0/15

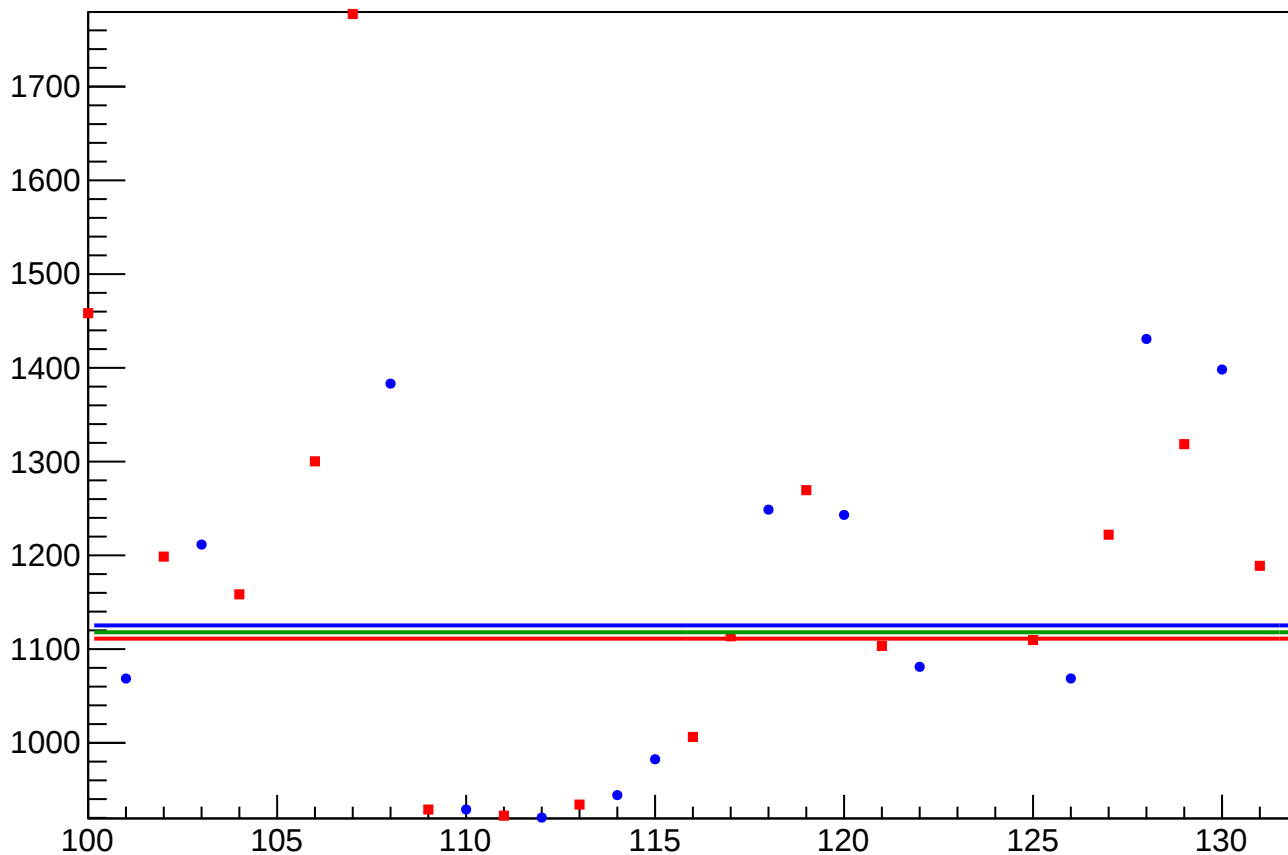
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-400.930+/-481.518 χ^2/NDF : 14.6/13

-531.204+/-333.407 χ^2/NDF : 22.7/29

-651.183+/-462.099 χ^2/NDF : 8.0/15

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1125.268 $\pm$ 0.340 χ^2 /NDF: 232324.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1111.176 $\pm$ 0.327 χ^2 /NDF: 288799.4/15

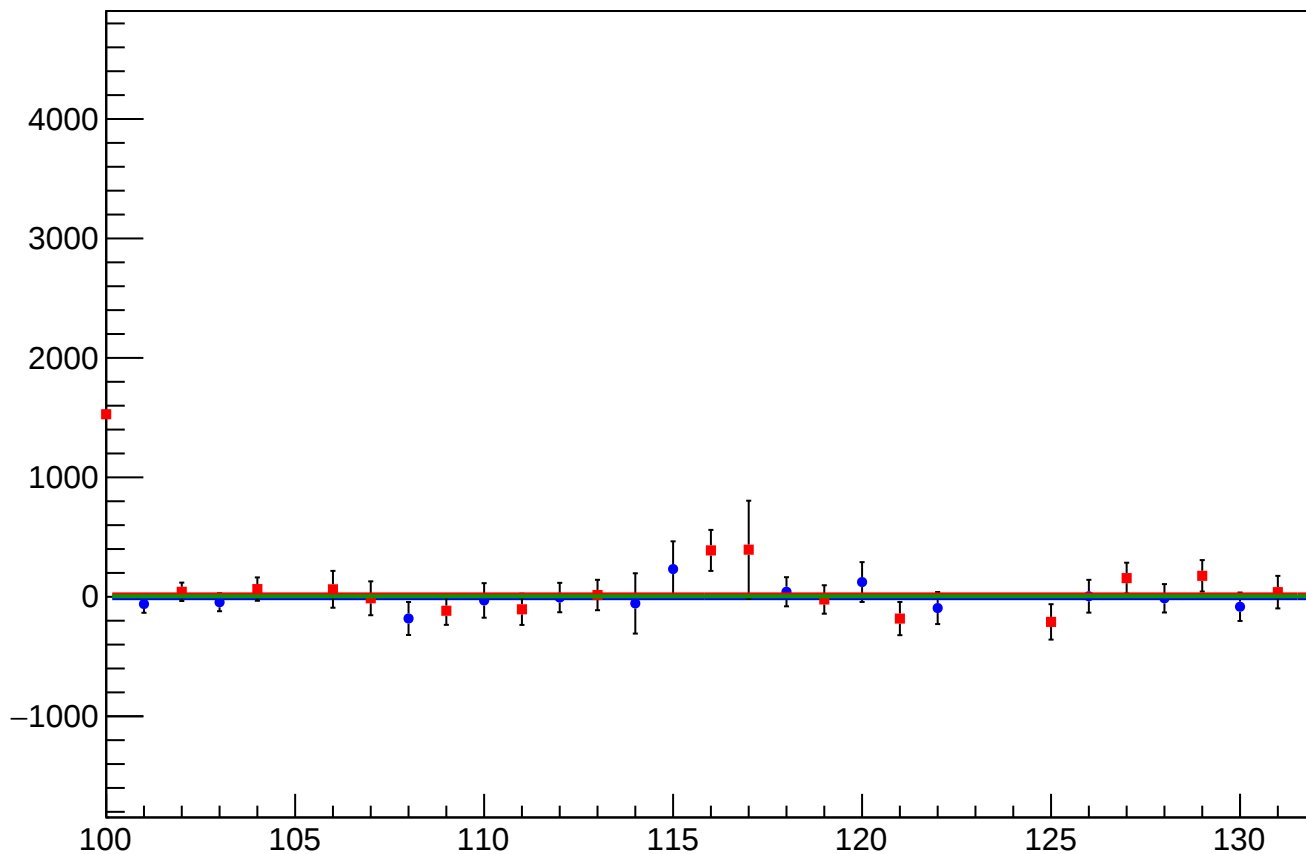
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1125.268 $\pm$ 0.340 χ^2 /NDF: 232324.9/13

1117.932 $\pm$ 0.236 χ^2 /NDF: 522016.0/29

1111.176 $\pm$ 0.327 χ^2 /NDF: 288799.4/15

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -11.503 $\pm$ 32.087 χ^2 /NDF: 12.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.331 $\pm$ 32.676 χ^2 /NDF: 15.5/15

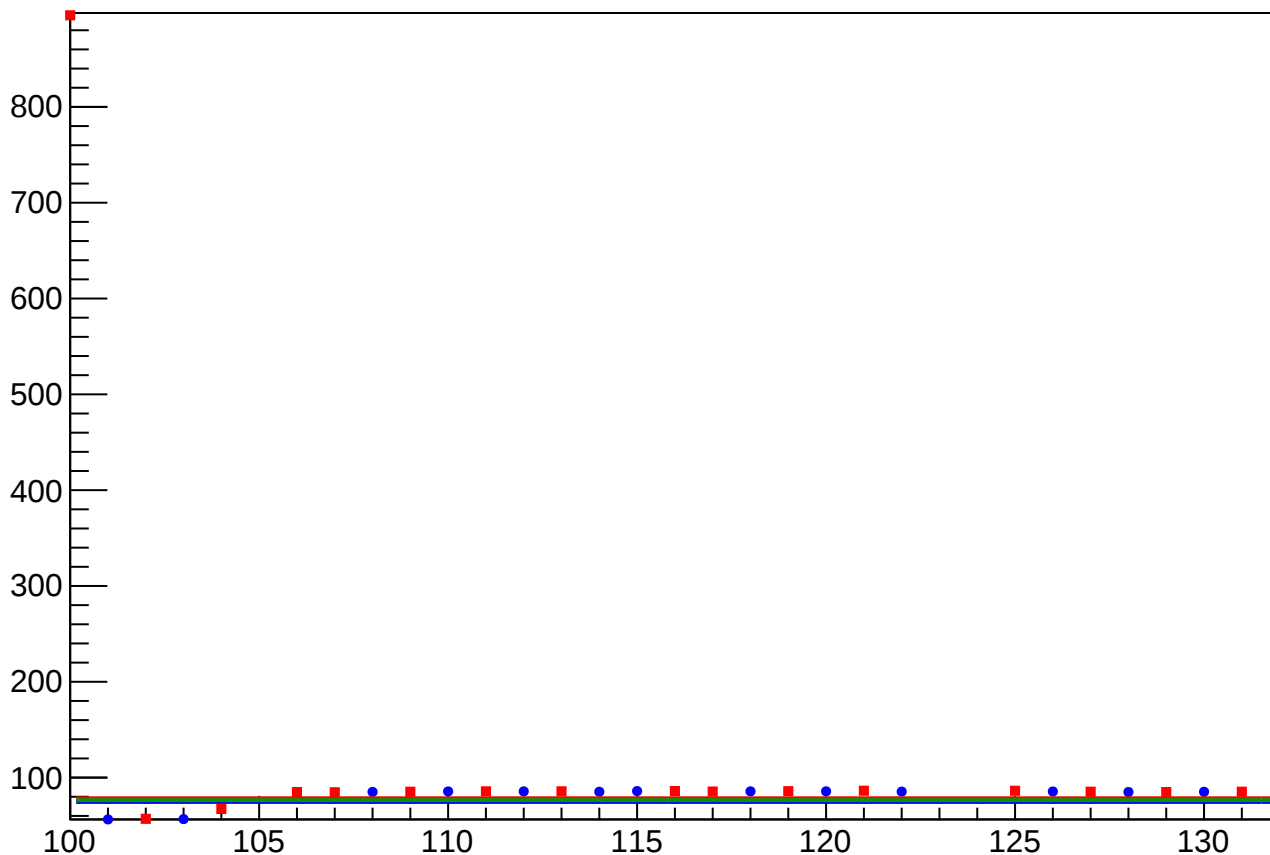
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.503 $\pm$ 32.087 χ^2 /NDF: 12.8/13

4.125 $\pm$ 22.894 χ^2 /NDF: 28.7/29

20.331 $\pm$ 32.676 χ^2 /NDF: 15.5/15

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 74.635 $\pm$ 0.023 χ^2 /NDF: 377141.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.401 $\pm$ 0.023 χ^2 /NDF: 364629.0/15

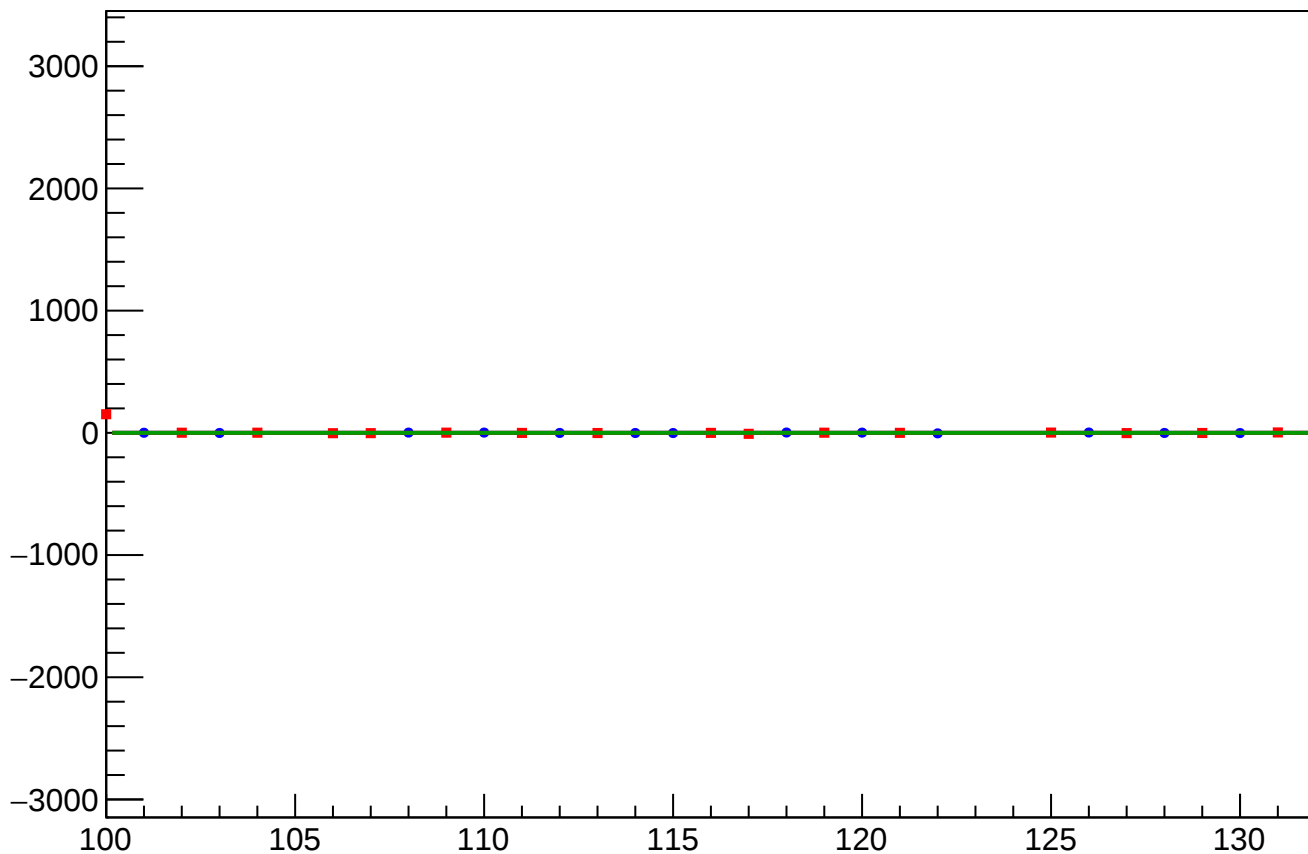
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.635 $\pm$ 0.023 χ^2 /NDF: 377141.8/13

76.484 $\pm$ 0.016 χ^2 /NDF: 755301.2/29

78.401 $\pm$ 0.023 χ^2 /NDF: 364629.0/15

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.534 χ^2 /NDF: 15.1/13

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

Right Out: 0.110+/-0.562 χ^2 /NDF: 9.5/15

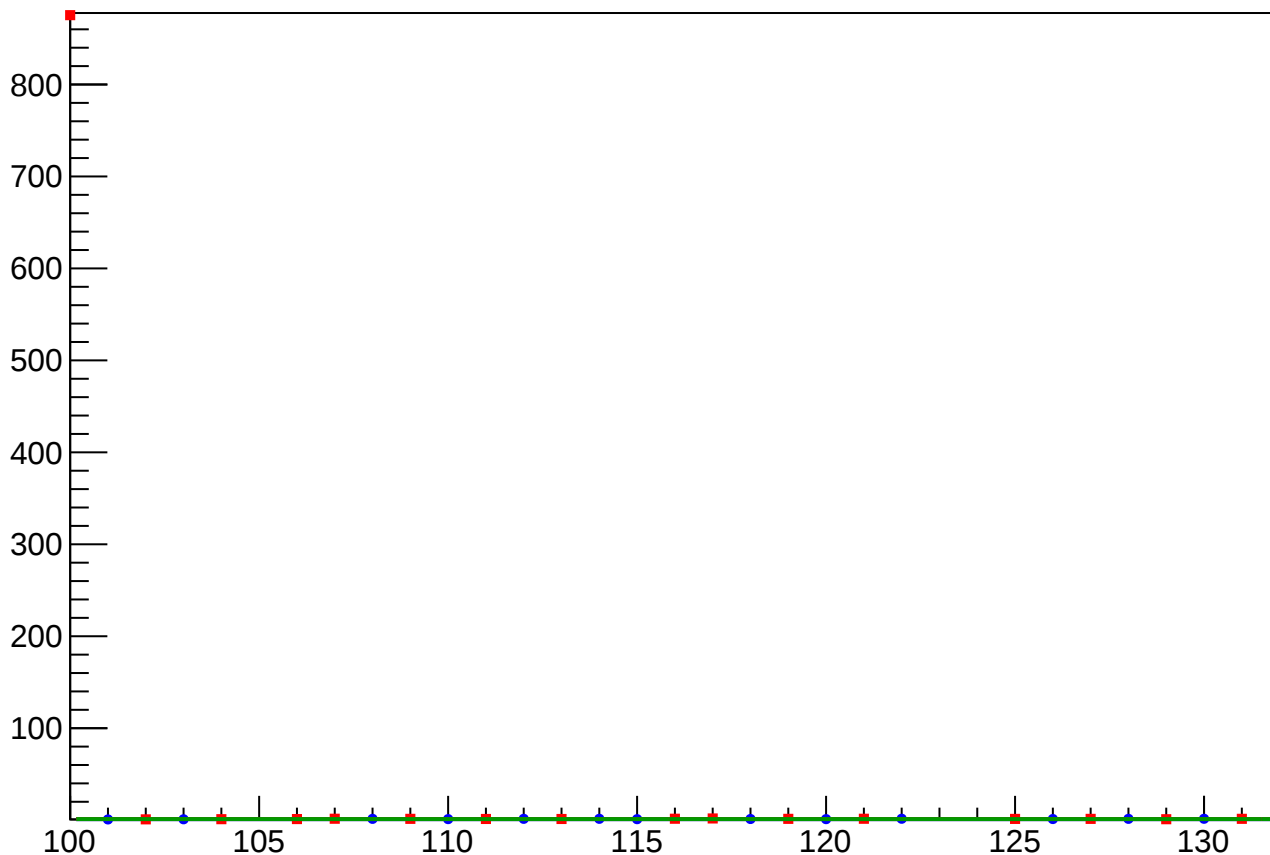
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.079+/-0.534 χ^2 /NDF: 15.1/13

0.011+/-0.387 χ^2 /NDF: 24.7/29

0.110+/-0.562 χ^2 /NDF: 9.5/15

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.124 $\pm$ 0.000 χ^2 /NDF: 466380.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.238 $\pm$ 0.000 χ^2 /NDF: 475972.7/15

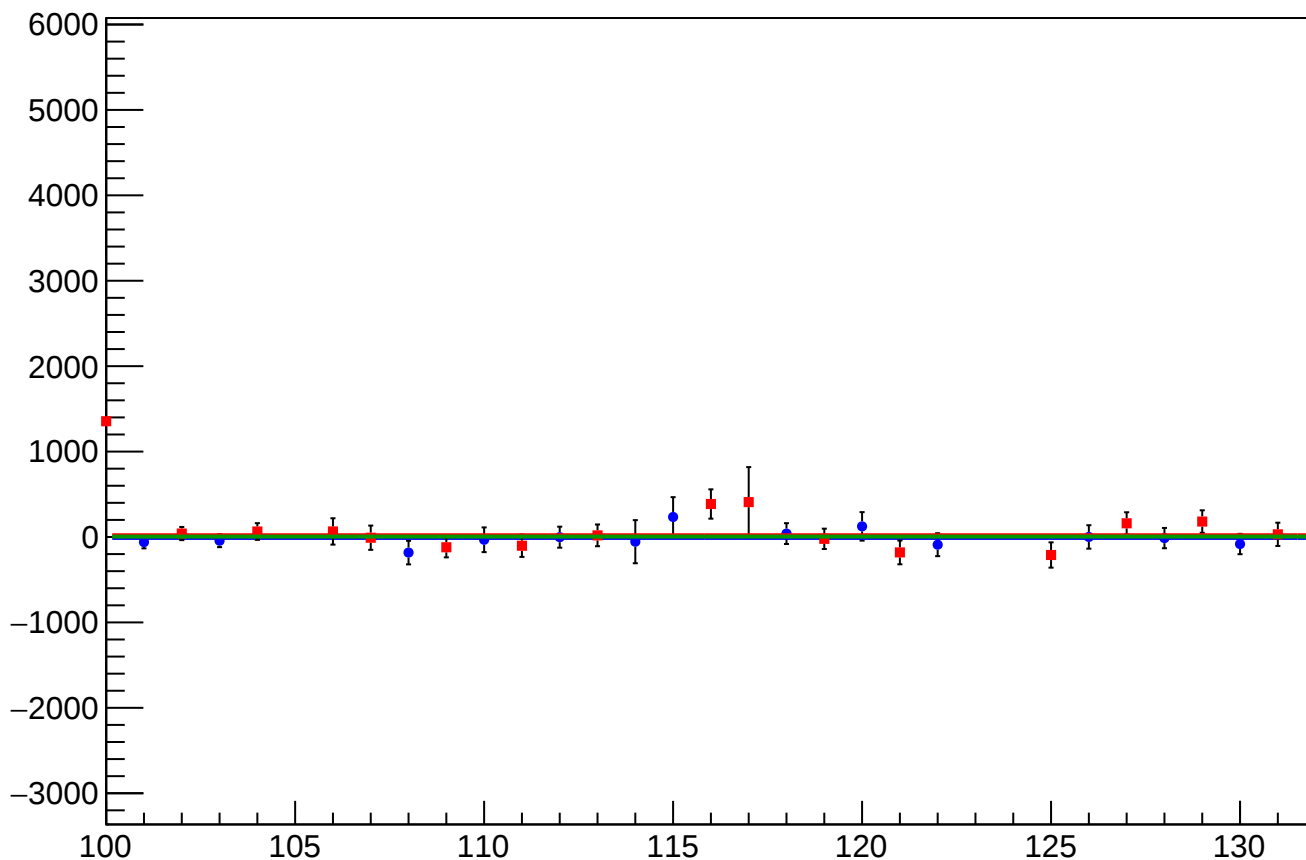
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.124 $\pm$ 0.000 χ^2 /NDF: 466380.3/13

1.178 $\pm$ 0.000 χ^2 /NDF: 985875.1/29

1.238 $\pm$ 0.000 χ^2 /NDF: 475972.7/15

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -10.724 $\pm$ 32.096 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.606 $\pm$ 32.685 χ^2 /NDF: 15.5/15

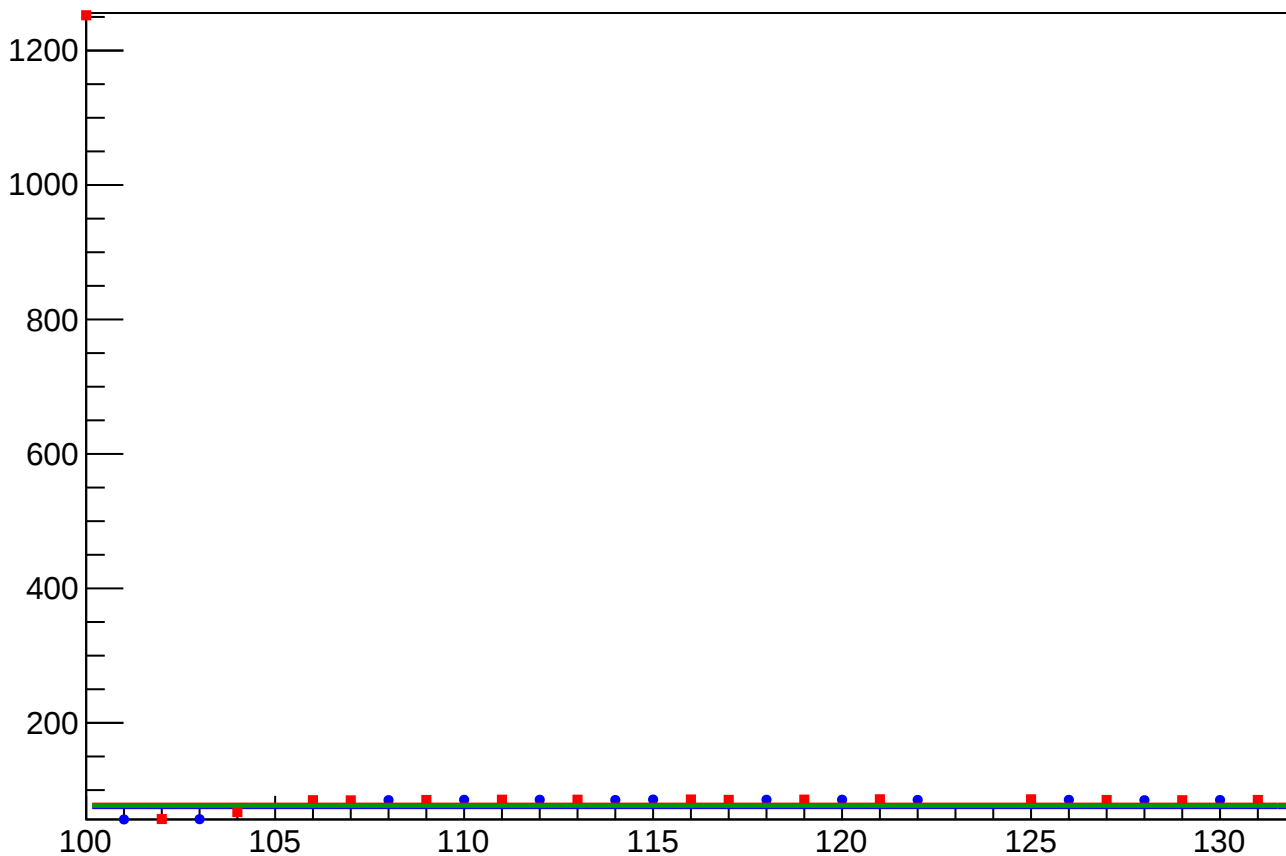
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.724 $\pm$ 32.096 χ^2 /NDF: 12.9/13

4.656 $\pm$ 22.901 χ^2 /NDF: 28.9/29

20.606 $\pm$ 32.685 χ^2 /NDF: 15.5/15

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 74.654+/-0.023 χ^2/NDF : 377175.5/13

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

Right Out: 78.402+/-0.023 χ^2/NDF : 371082.5/15

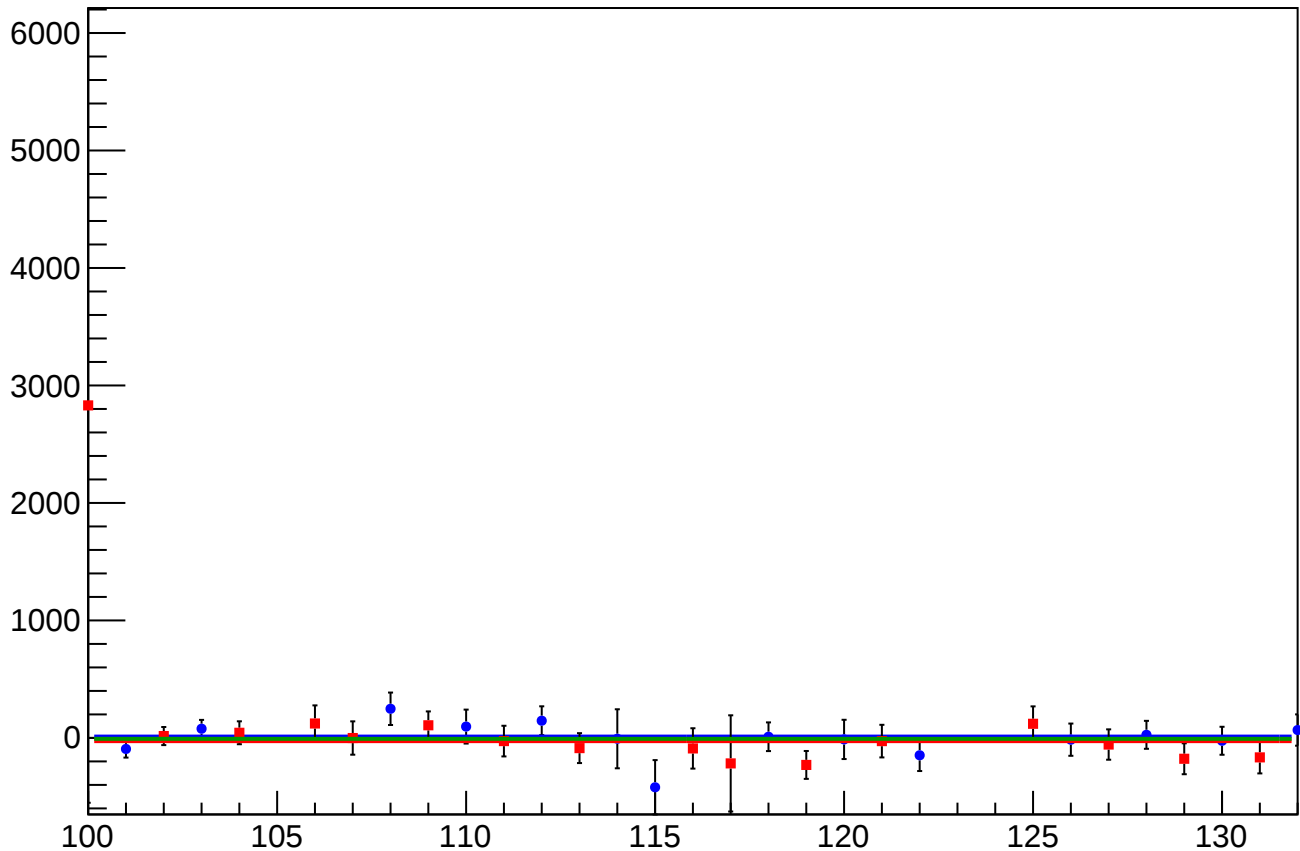
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.654+/-0.023 χ^2/NDF : 377175.5/13

76.494+/-0.016 χ^2/NDF : 761645.7/29

78.402+/-0.023 χ^2/NDF : 371082.5/15

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 11.232+/-32.072 χ^2/NDF : 12.6/13

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

Right Out: -27.430+/-32.664 χ^2/NDF : 10.7/15

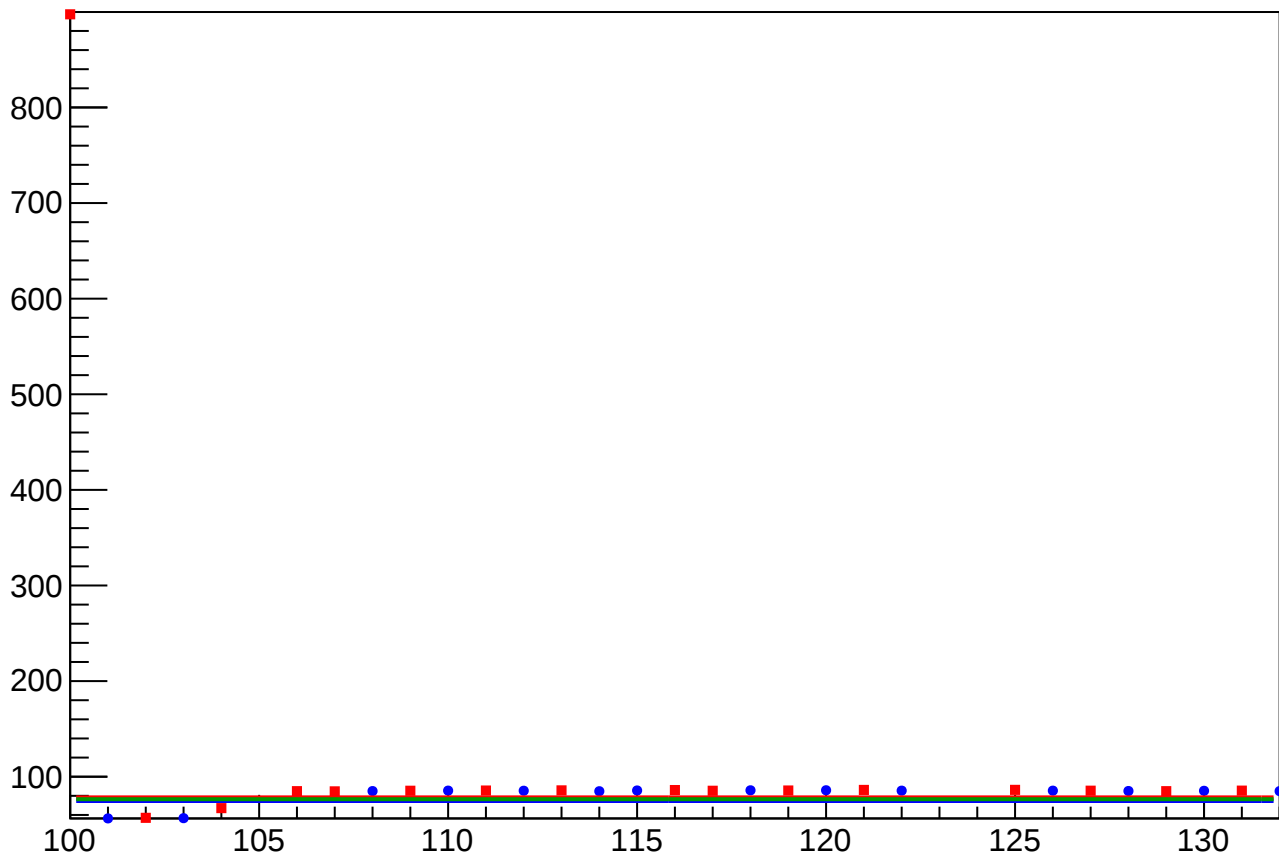
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.232+/-32.072 χ^2/NDF : 12.6/13

-7.746+/-22.885 χ^2/NDF : 24.0/29

-27.430+/-32.664 χ^2/NDF : 10.7/15

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 74.598 $\pm$ 0.023 χ^2 /NDF: 377390.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.372 $\pm$ 0.023 χ^2 /NDF: 365025.2/15

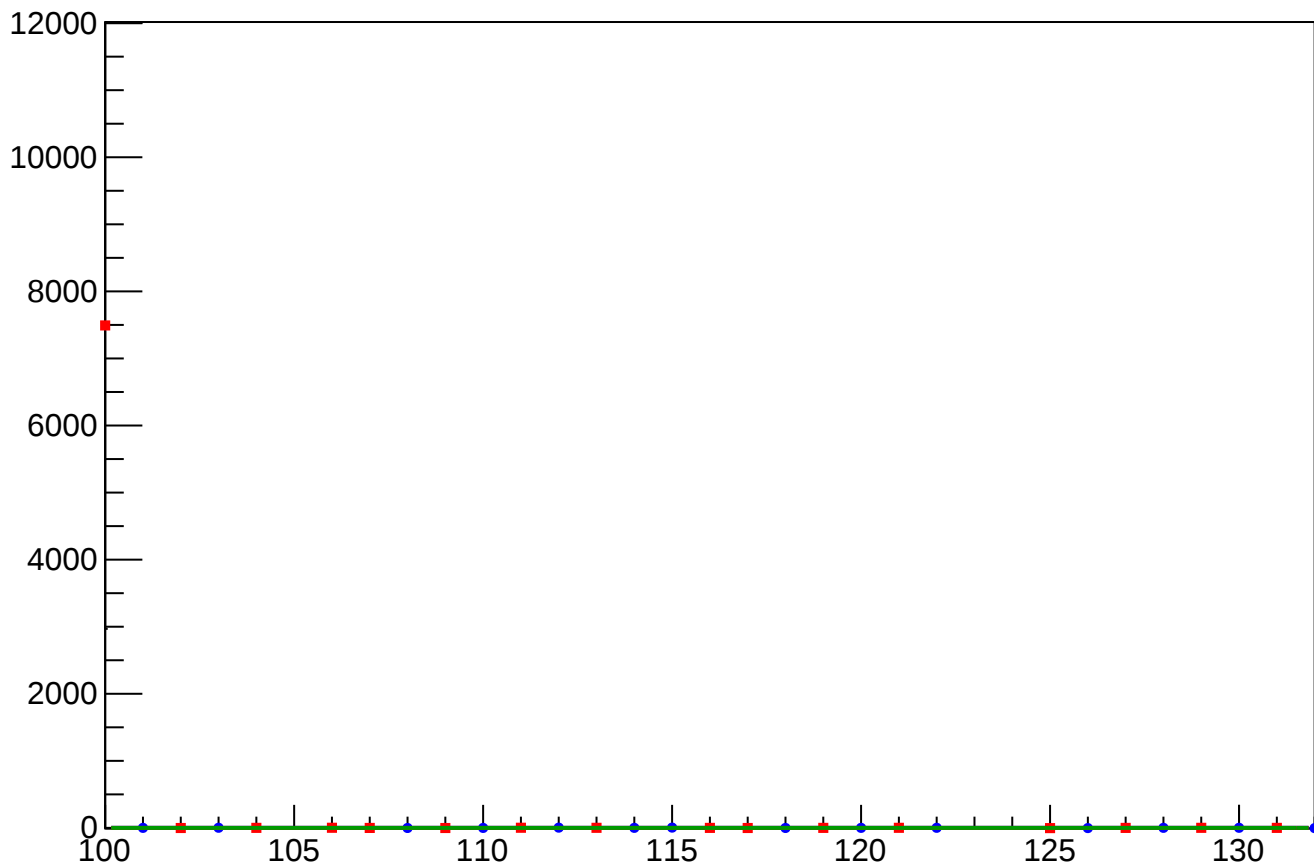
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.598 $\pm$ 0.023 χ^2 /NDF: 377390.6/13

76.451 $\pm$ 0.016 χ^2 /NDF: 756010.6/29

78.372 $\pm$ 0.023 χ^2 /NDF: 365025.2/15

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.869+/-0.573 χ^2/NDF : 10.9/13

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

Right Out: 0.166+/-0.585 χ^2/NDF : 9.6/15

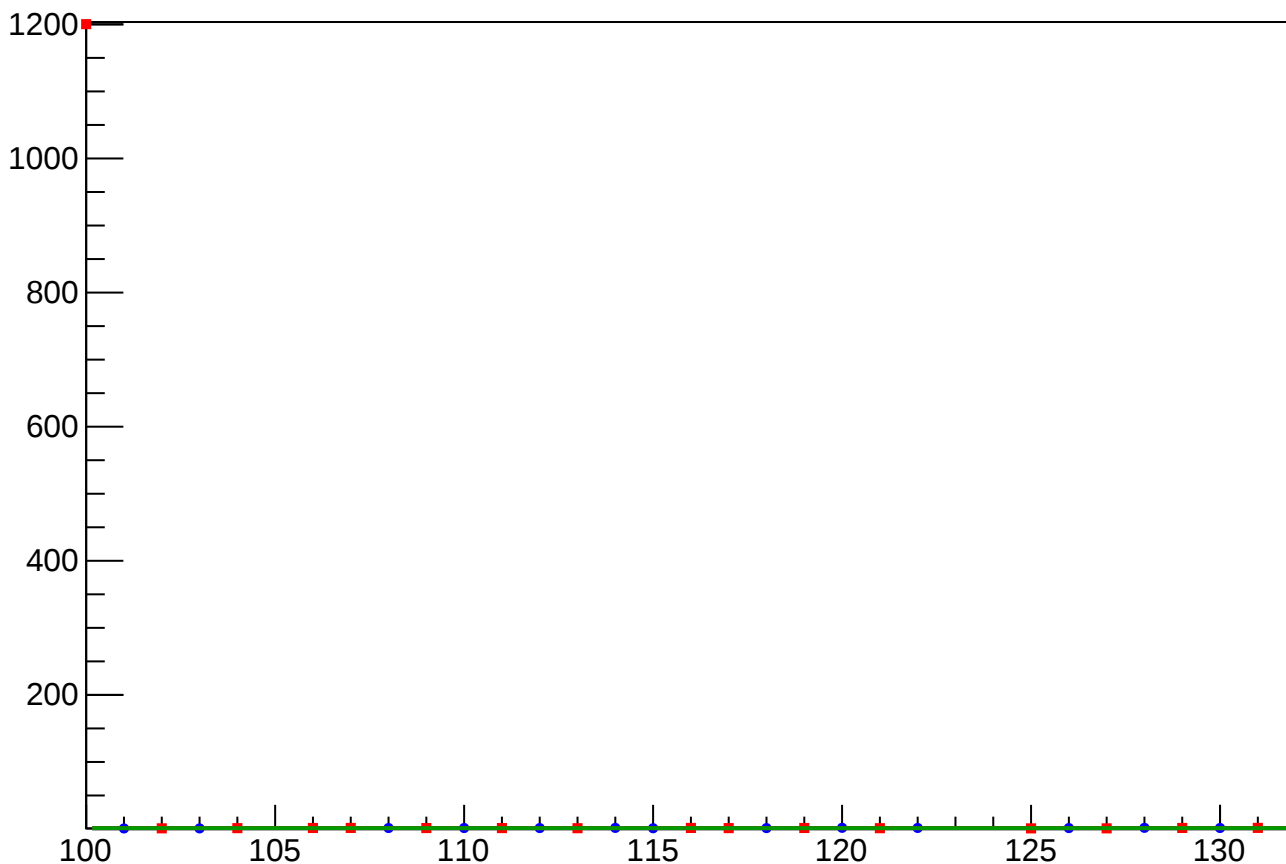
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.869+/-0.573 χ^2/NDF : 10.9/13

0.525+/-0.409 χ^2/NDF : 21.3/29

0.166+/-0.585 χ^2/NDF : 9.6/15

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.221+/-0.000 χ^2/NDF : 622660.6/13

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

Right Out: 1.287+/-0.000 χ^2/NDF : 477797.5/15

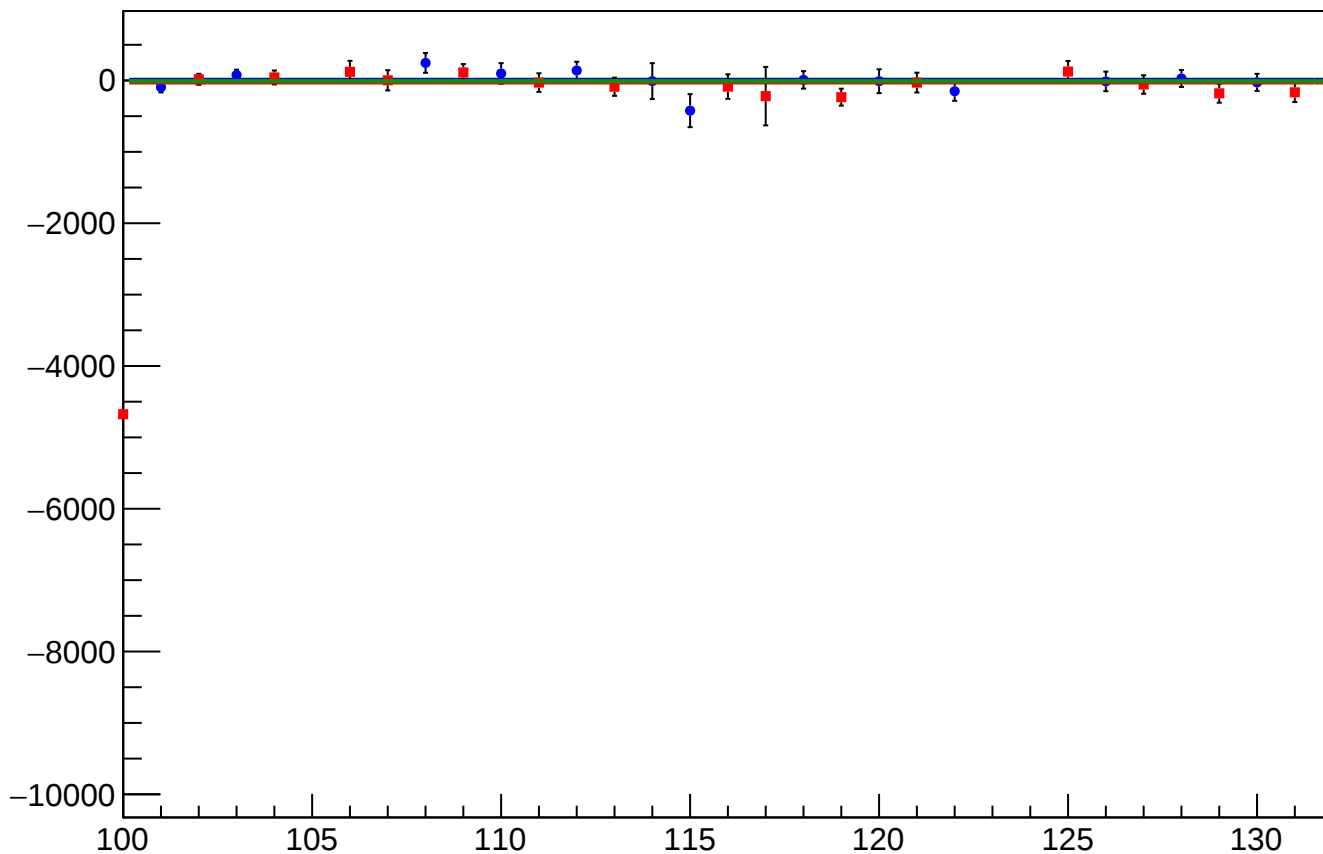
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.221+/-0.000 χ^2/NDF : 622660.6/13

1.253+/-0.000 χ^2/NDF : 1113692.8/29

1.287+/-0.000 χ^2/NDF : 477797.5/15

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 10.422+/-32.081 χ^2/NDF : 12.5/13

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

Right Out: -27.905+/-32.674 χ^2/NDF : 10.9/15

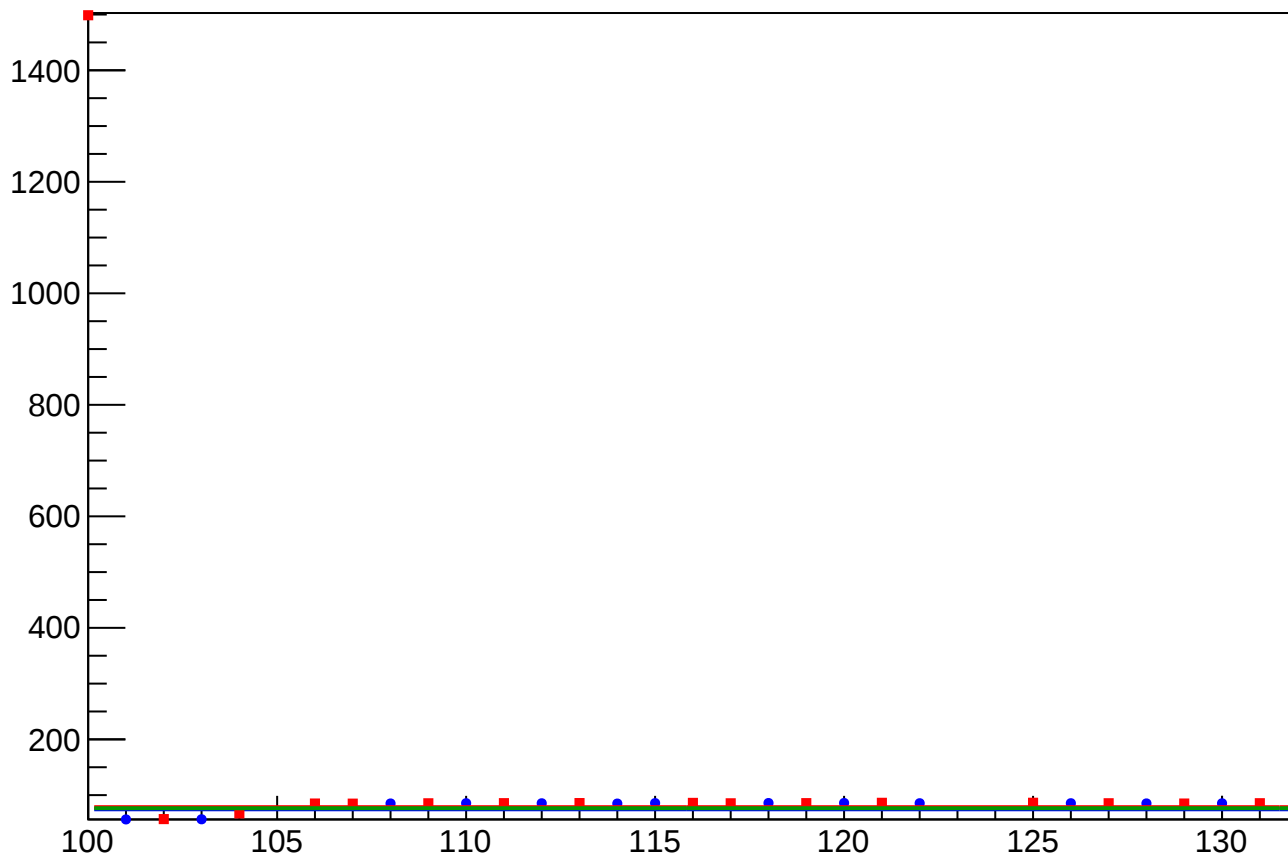
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.422+/-32.081 χ^2/NDF : 12.5/13

-8.391+/-22.891 χ^2/NDF : 24.1/29

-27.905+/-32.674 χ^2/NDF : 10.9/15

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 74.618 $\pm$ 0.023 χ^2 /NDF: 377441.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.365 $\pm$ 0.023 χ^2 /NDF: 374183.3/15

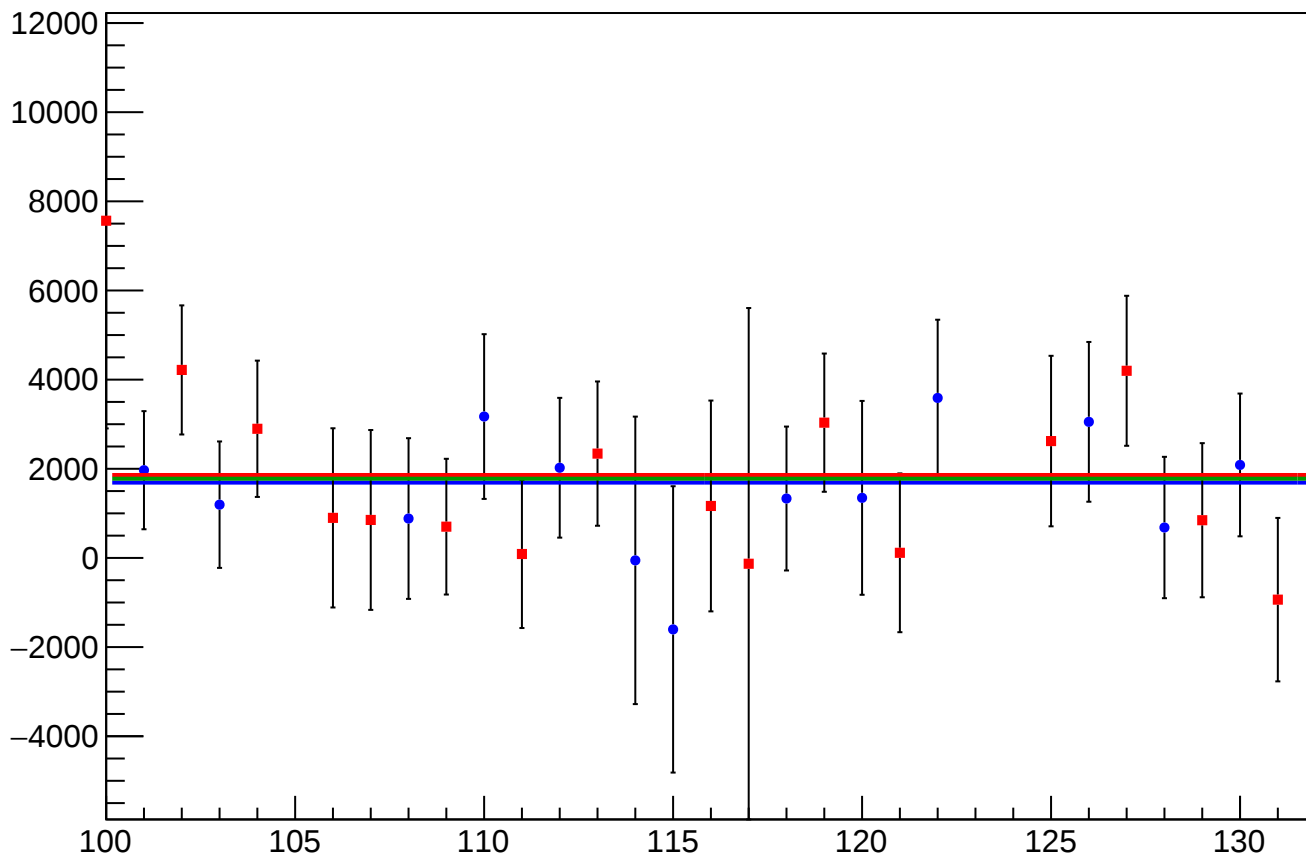
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.618 $\pm$ 0.023 χ^2 /NDF: 377441.2/13

76.457 $\pm$ 0.016 χ^2 /NDF: 765013.3/29

78.365 $\pm$ 0.023 χ^2 /NDF: 374183.3/15

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1689.719 $\pm$ 466.168 χ^2 /NDF: 5.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1860.785 $\pm$ 455.560 χ^2 /NDF: 13.4/15

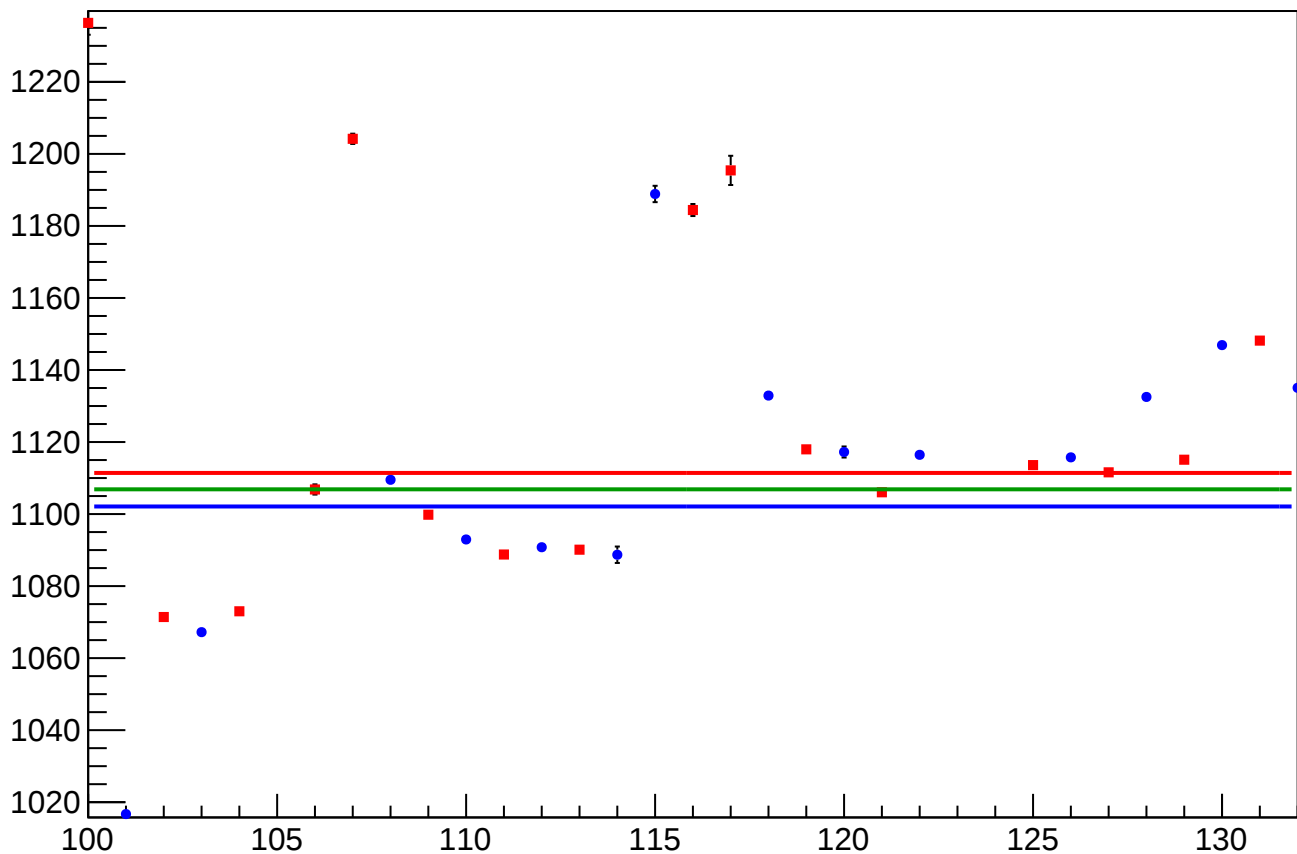
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1689.719 $\pm$ 466.168 χ^2 /NDF: 5.0/13

1777.220 $\pm$ 325.815 χ^2 /NDF: 18.5/29

1860.785 $\pm$ 455.560 χ^2 /NDF: 13.4/15

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.104 $\pm$ 0.330 χ^2 /NDF: 15263.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1111.419 $\pm$ 0.322 χ^2 /NDF: 12505.6/15

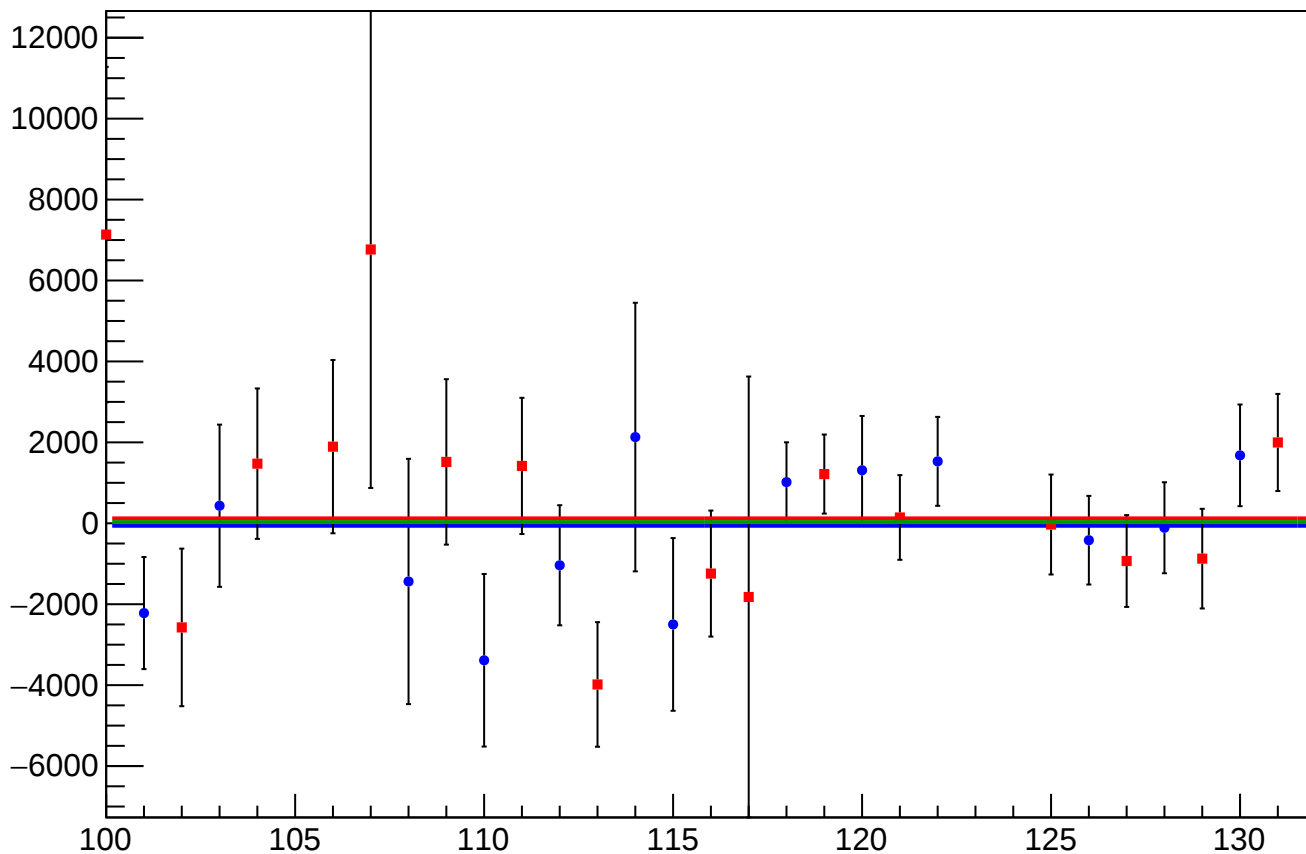
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1102.104 $\pm$ 0.330 χ^2 /NDF: 15263.1/13

1106.869 $\pm$ 0.230 χ^2 /NDF: 28177.1/29

1111.419 $\pm$ 0.322 χ^2 /NDF: 12505.6/15

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -60.786+/-373.931 χ^2/NDF : 16.4/13

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

Right Out: 120.520+/-376.178 χ^2/NDF : 21.6/15

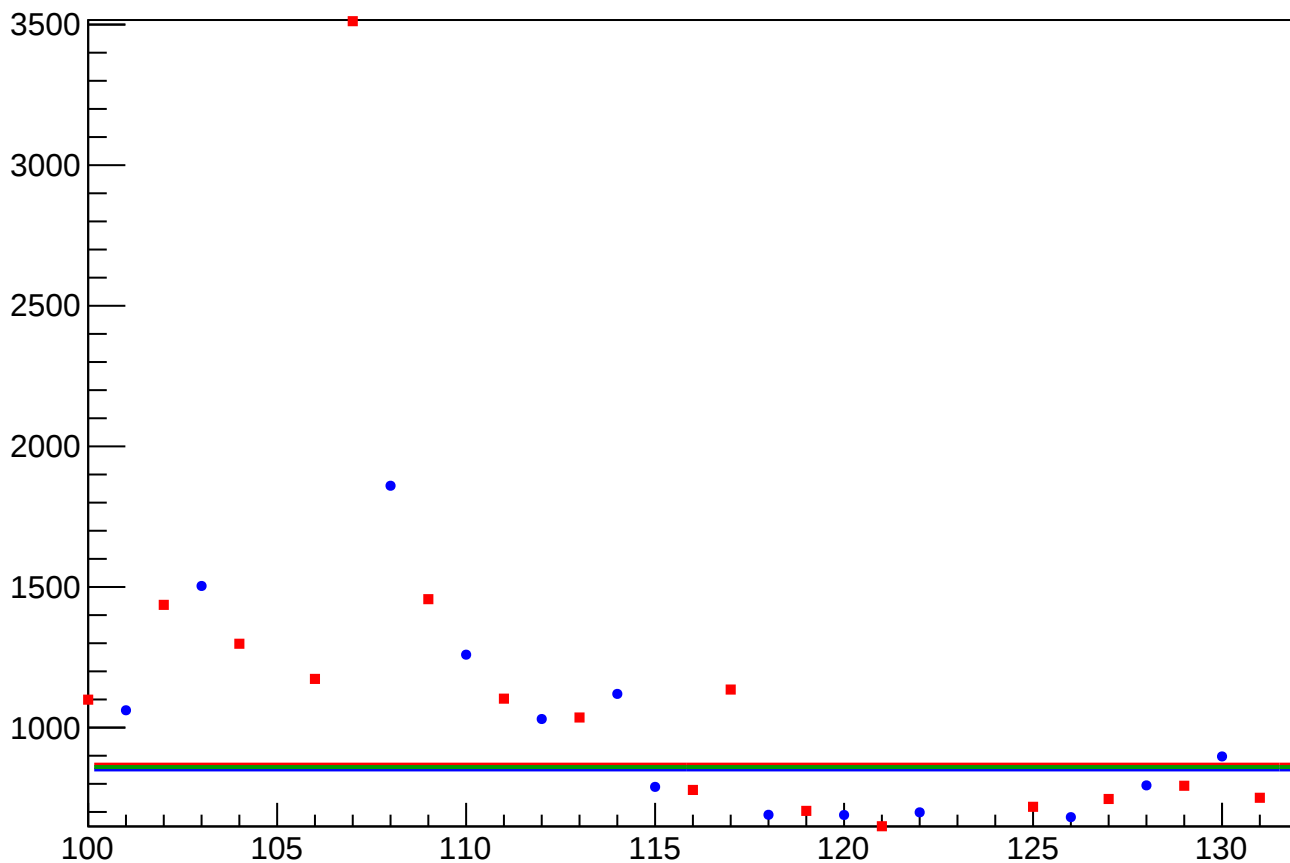
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.786+/-373.931 χ^2/NDF : 16.4/13

29.324+/-265.200 χ^2/NDF : 38.1/29

120.520+/-376.178 χ^2/NDF : 21.6/15

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 851.199+/-0.264 χ^2/NDF : 775977.7/13

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

Right Out: 868.229+/-0.266 χ^2/NDF : 1189915.6/15

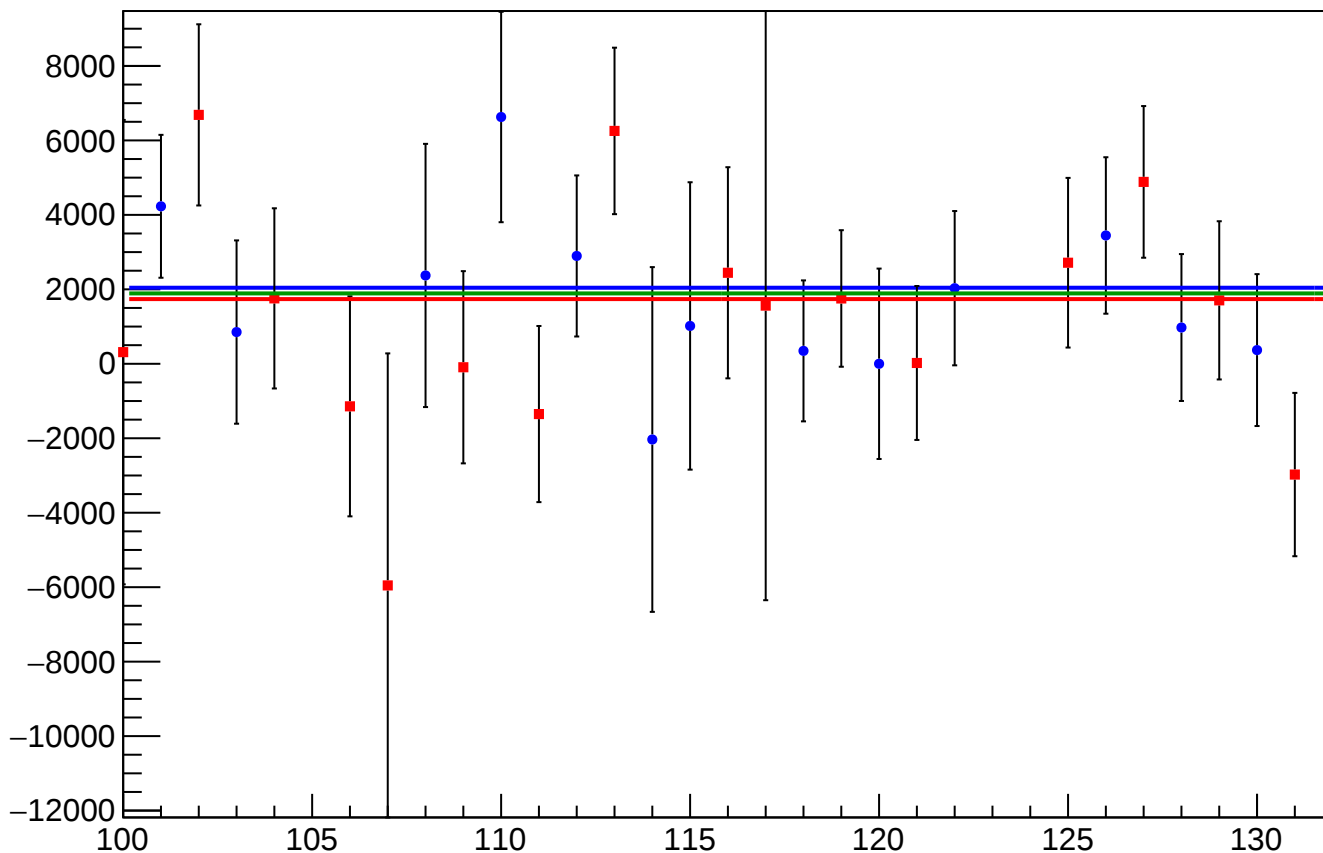
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

851.199+/-0.264 χ^2/NDF : 775977.7/13

859.663+/-0.188 χ^2/NDF : 1967955.1/29

868.229+/-0.266 χ^2/NDF : 1189915.6/15

asym_usl_mean vs Slug, Sign Corrected



Right In: 2043.117+/-624.381 χ^2/NDF : 8.3/13

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

Right Out: 1737.955+/-623.891 χ^2/NDF : 20.9/15

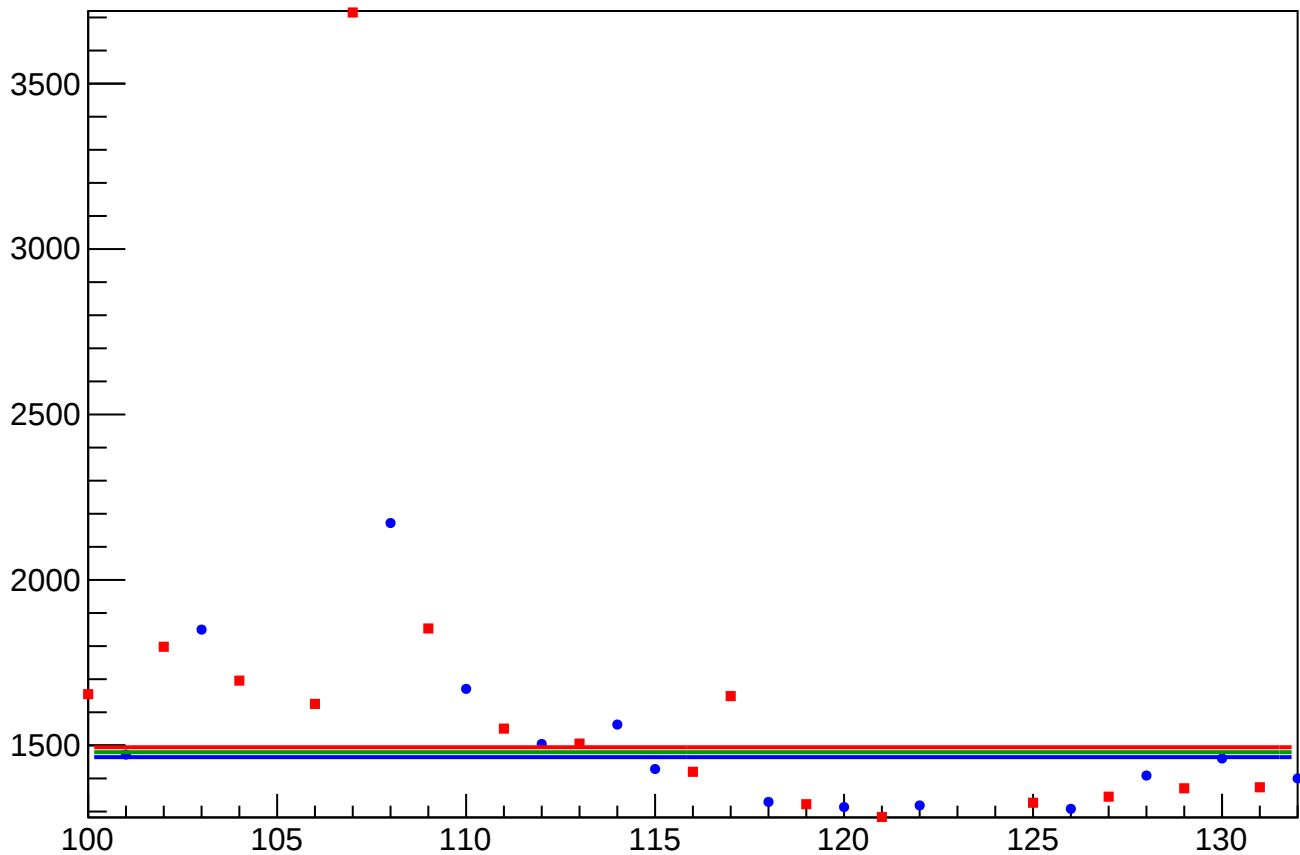
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2043.117+/-624.381 χ^2/NDF : 8.3/13

1890.416+/-441.330 χ^2/NDF : 29.3/29

1737.955+/-623.891 χ^2/NDF : 20.9/15

asym_usl_rms vs Slug, Sign Corrected



Right In: 1464.420+/-0.442 χ^2/NDF : 183091.6/13

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

Right Out: 1494.300+/-0.441 χ^2/NDF : 419104.7/15

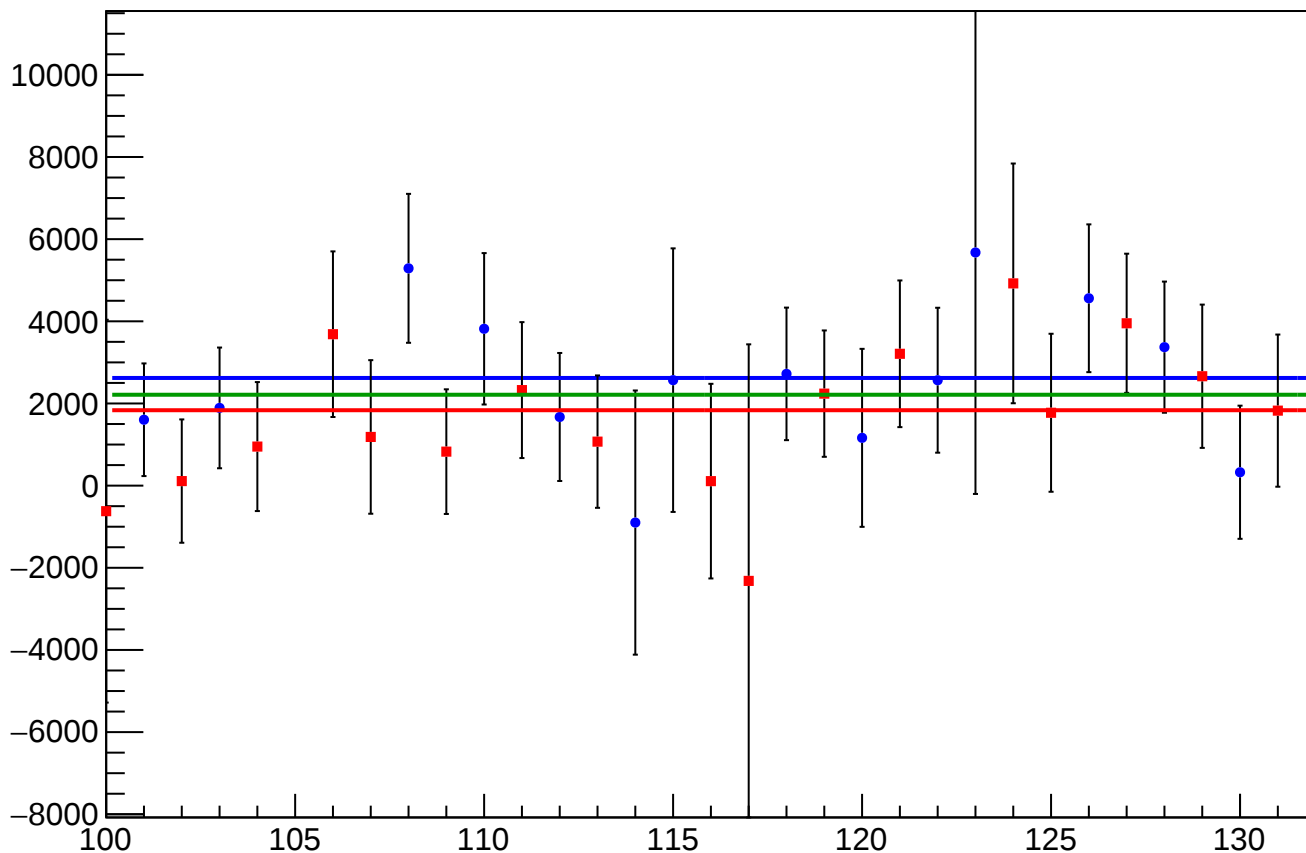
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1464.420+/-0.442 χ^2/NDF : 183091.6/13

1479.372+/-0.312 χ^2/NDF : 604488.2/29

1494.300+/-0.441 χ^2/NDF : 419104.7/15

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2621.063 $\pm$ 469.591 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1835.617 $\pm$ 451.084 χ^2 /NDF: 8.3/16

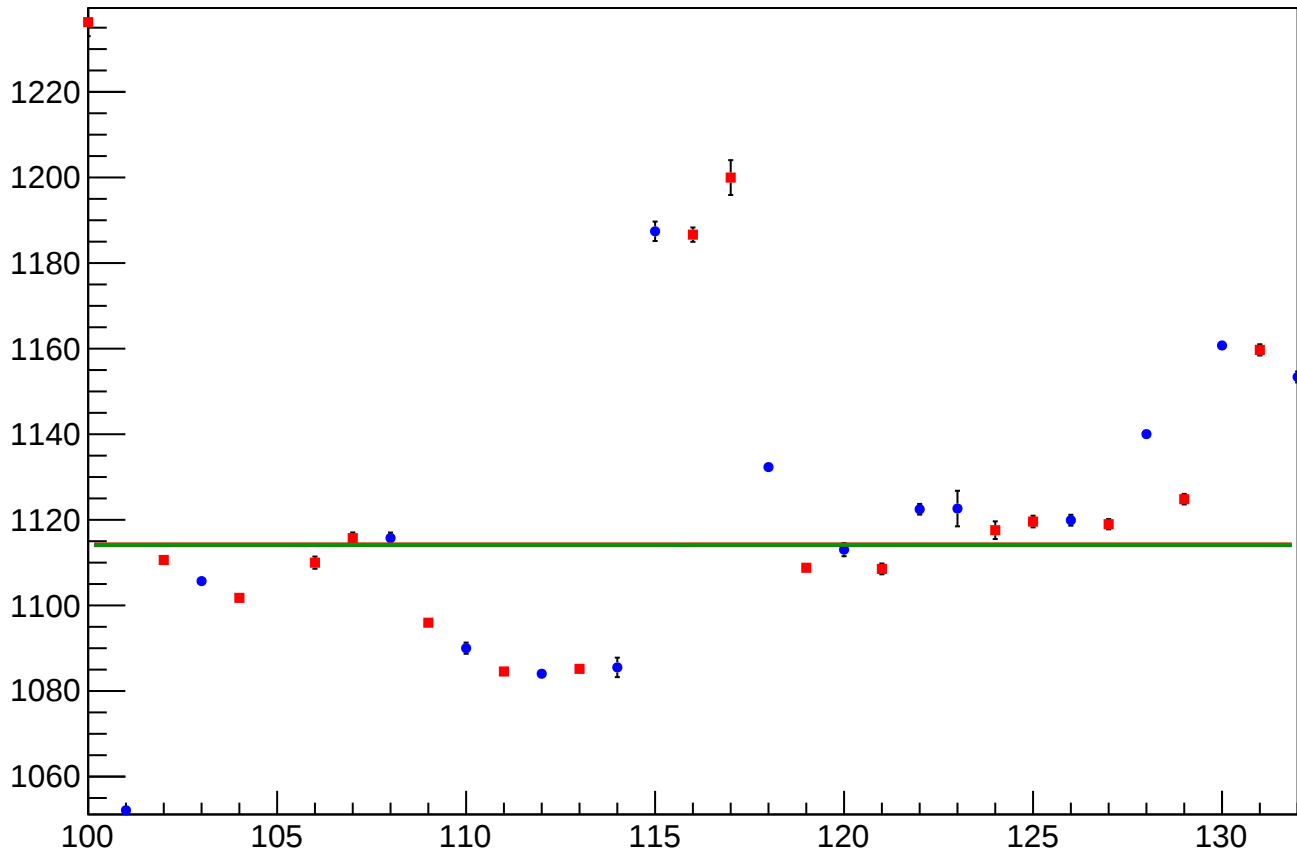
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2621.063 $\pm$ 469.591 χ^2 /NDF: 10.4/14

2212.558 $\pm$ 325.310 χ^2 /NDF: 20.1/31

1835.617 $\pm$ 451.084 χ^2 /NDF: 8.3/16

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1114.091+/-0.332 χ^2/NDF : 9895.4/14

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

Right Out: 1114.237+/-0.319 χ^2/NDF : 6774.7/16

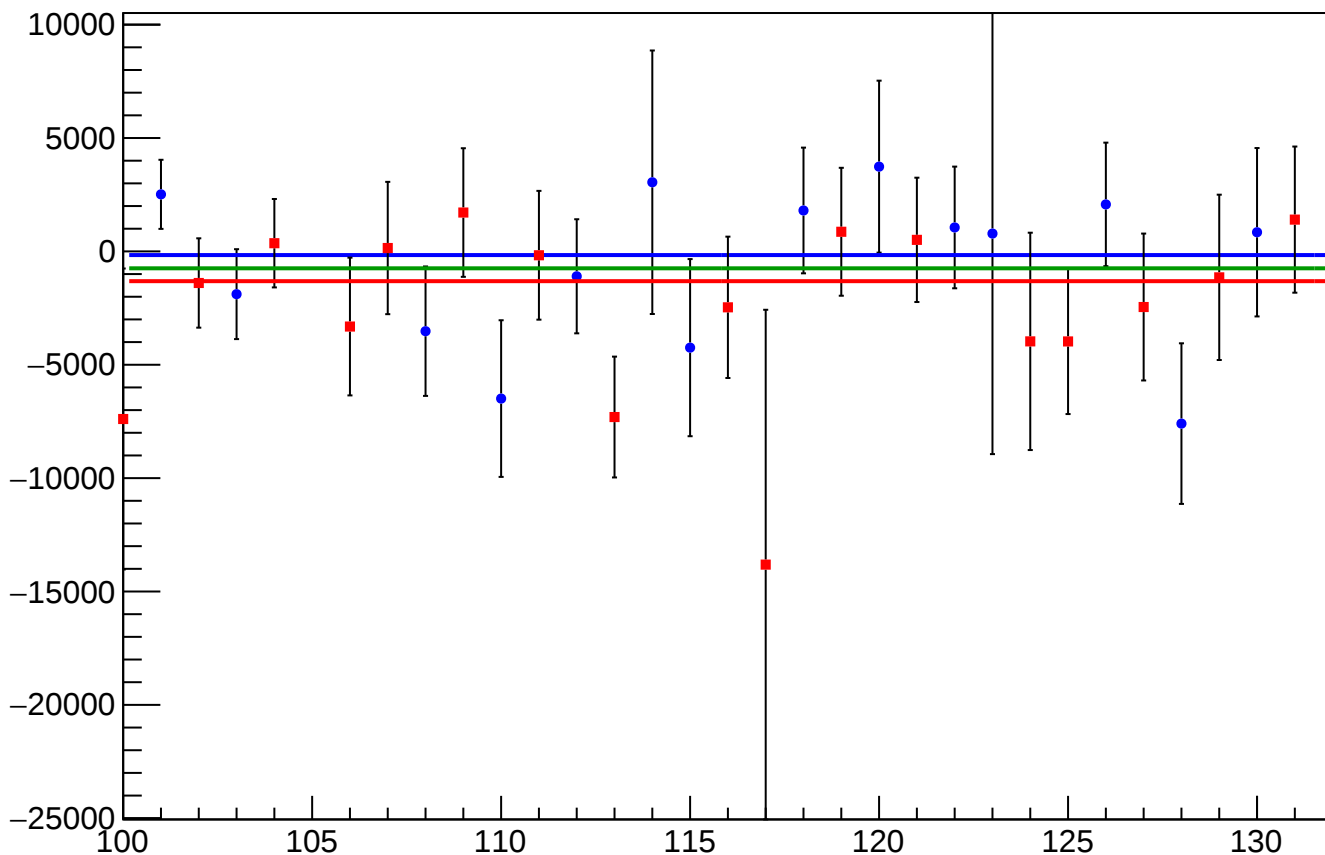
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1114.091+/-0.332 χ^2/NDF : 9895.4/14

1114.167+/-0.230 χ^2/NDF : 16670.2/31

1114.237+/-0.319 χ^2/NDF : 6774.7/16

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -162.135+/-729.394 χ^2/NDF : 17.1/14

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

Right Out: -1313.340+/-718.737 χ^2/NDF : 12.9/16

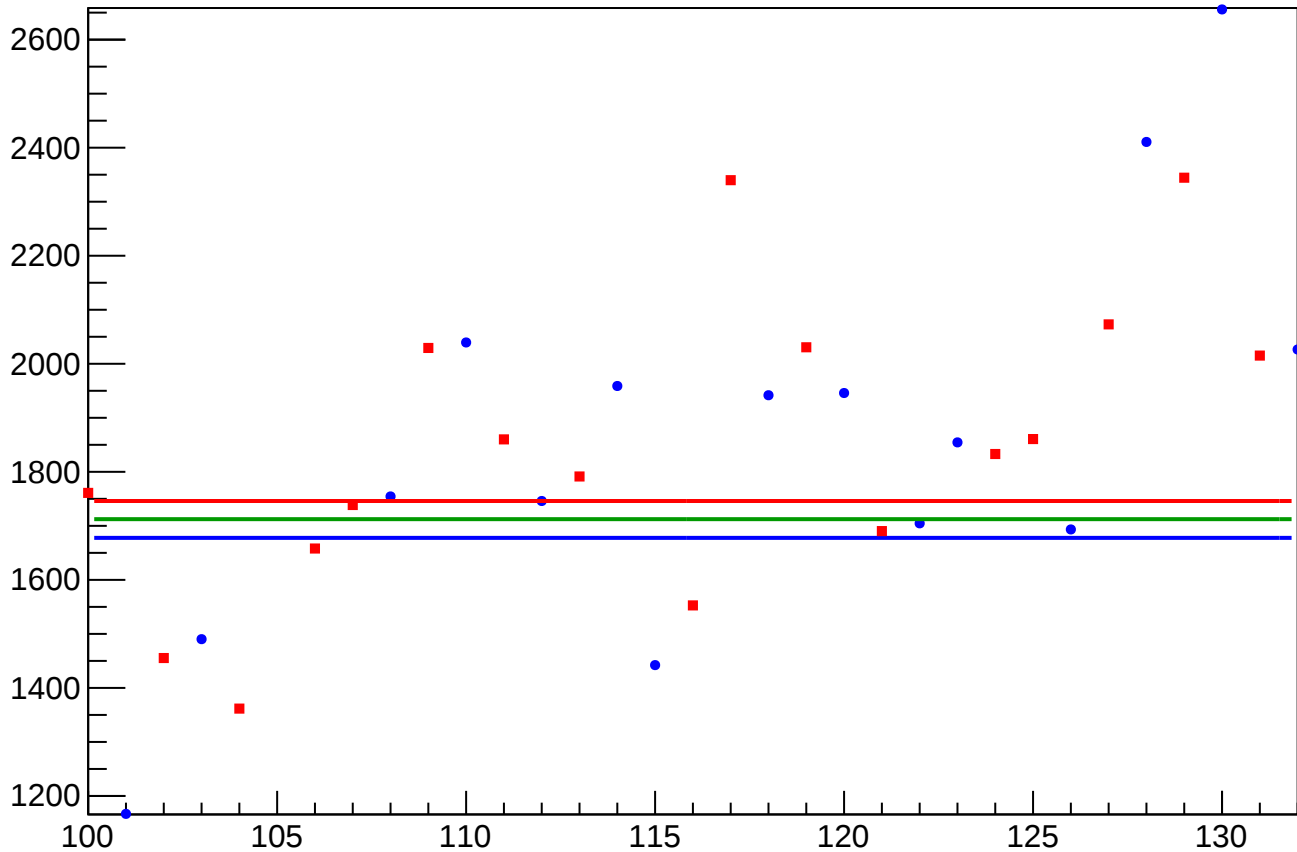
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-162.135+/-729.394 χ^2/NDF : 17.1/14

-746.209+/-511.950 χ^2/NDF : 31.2/31

-1313.340+/-718.737 χ^2/NDF : 12.9/16

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1677.760 $\pm$ 0.516 χ^2 /NDF: 557024.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1745.992 $\pm$ 0.508 χ^2 /NDF: 272573.1/16

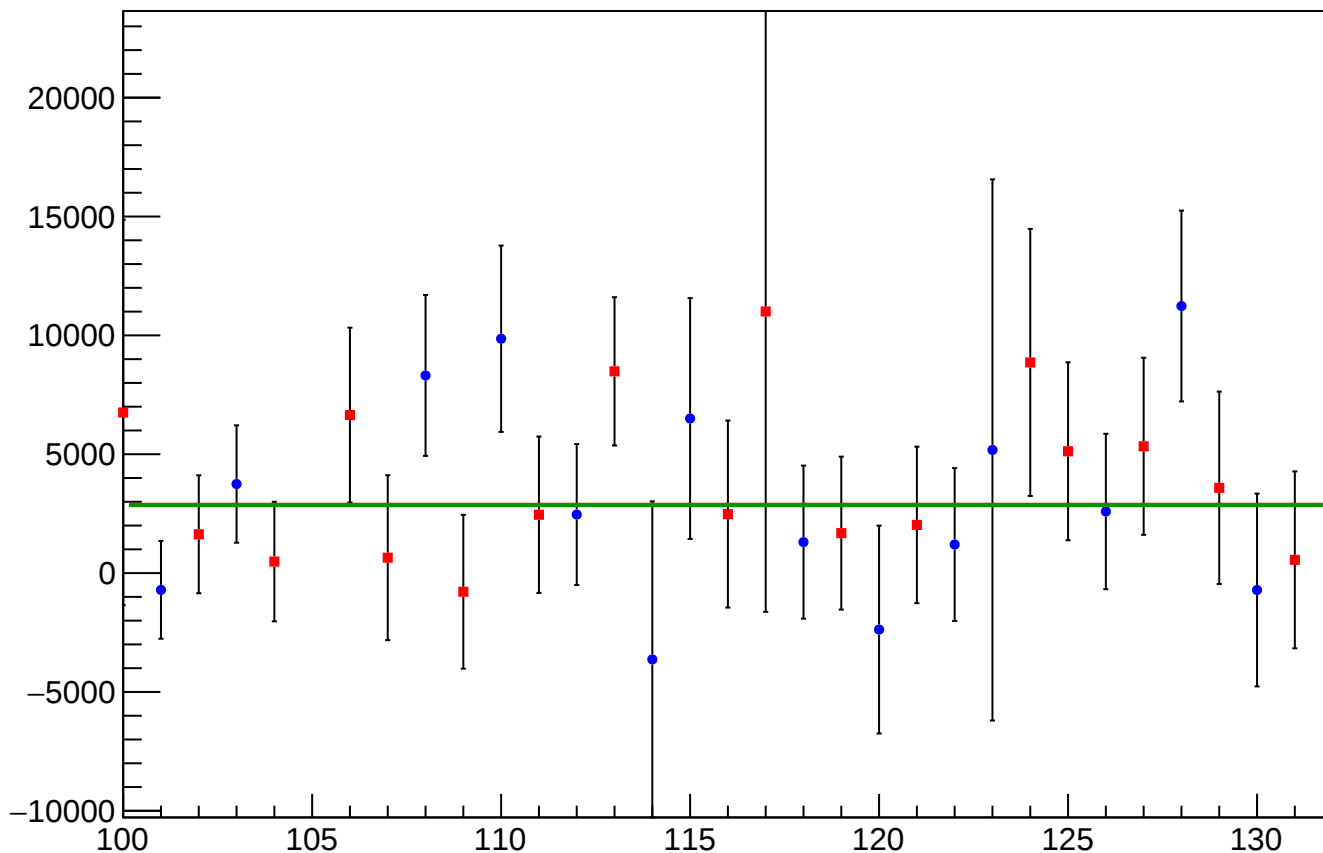
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1677.760 $\pm$ 0.516 χ^2 /NDF: 557024.7/14

1712.378 $\pm$ 0.362 χ^2 /NDF: 838477.2/31

1745.992 $\pm$ 0.508 χ^2 /NDF: 272573.1/16

asym_usr_mean vs Slug, Sign Corrected



Right In: 2860.068 $\pm$ 886.499 χ^2 /NDF: 17.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2873.559 $\pm$ 860.054 χ^2 /NDF: 10.4/16

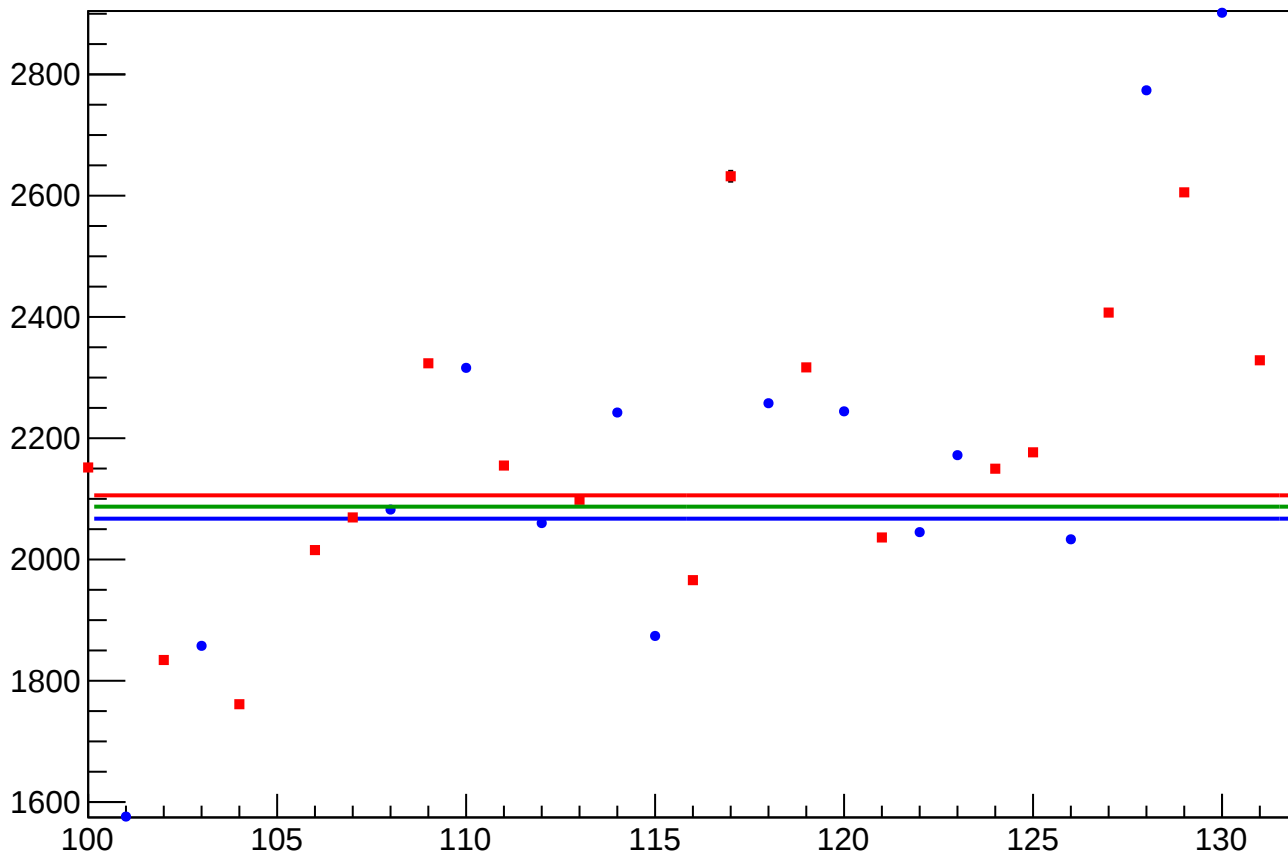
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2860.068 $\pm$ 886.499 χ^2 /NDF: 17.7/14

2867.018 $\pm$ 617.288 χ^2 /NDF: 28.0/31

2873.559 $\pm$ 860.054 χ^2 /NDF: 10.4/16

asym_usr_rms vs Slug, Sign Corrected



Right In: 2067.339+/-0.627 χ^2/NDF : 309236.8/14

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

Right Out: 2105.789+/-0.608 χ^2/NDF : 139570.8/16

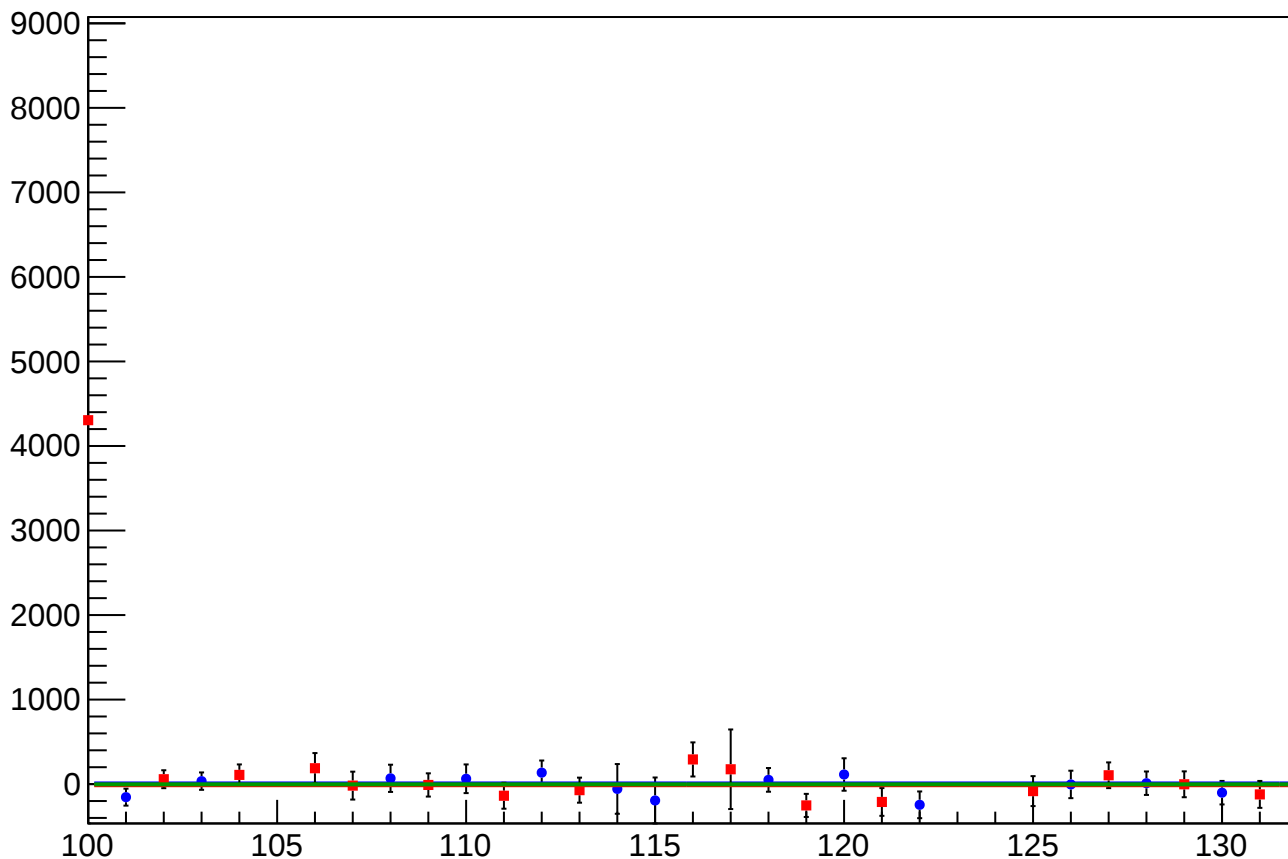
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2067.339+/-0.627 χ^2/NDF : 309236.8/14

2087.146+/-0.436 χ^2/NDF : 450745.8/31

2105.789+/-0.608 χ^2/NDF : 139570.8/16

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: 7.935+/-39.463 χ^2/NDF : 15.4/13

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

Right Out: -13.010+/-39.532 χ^2/NDF : 12.5/15

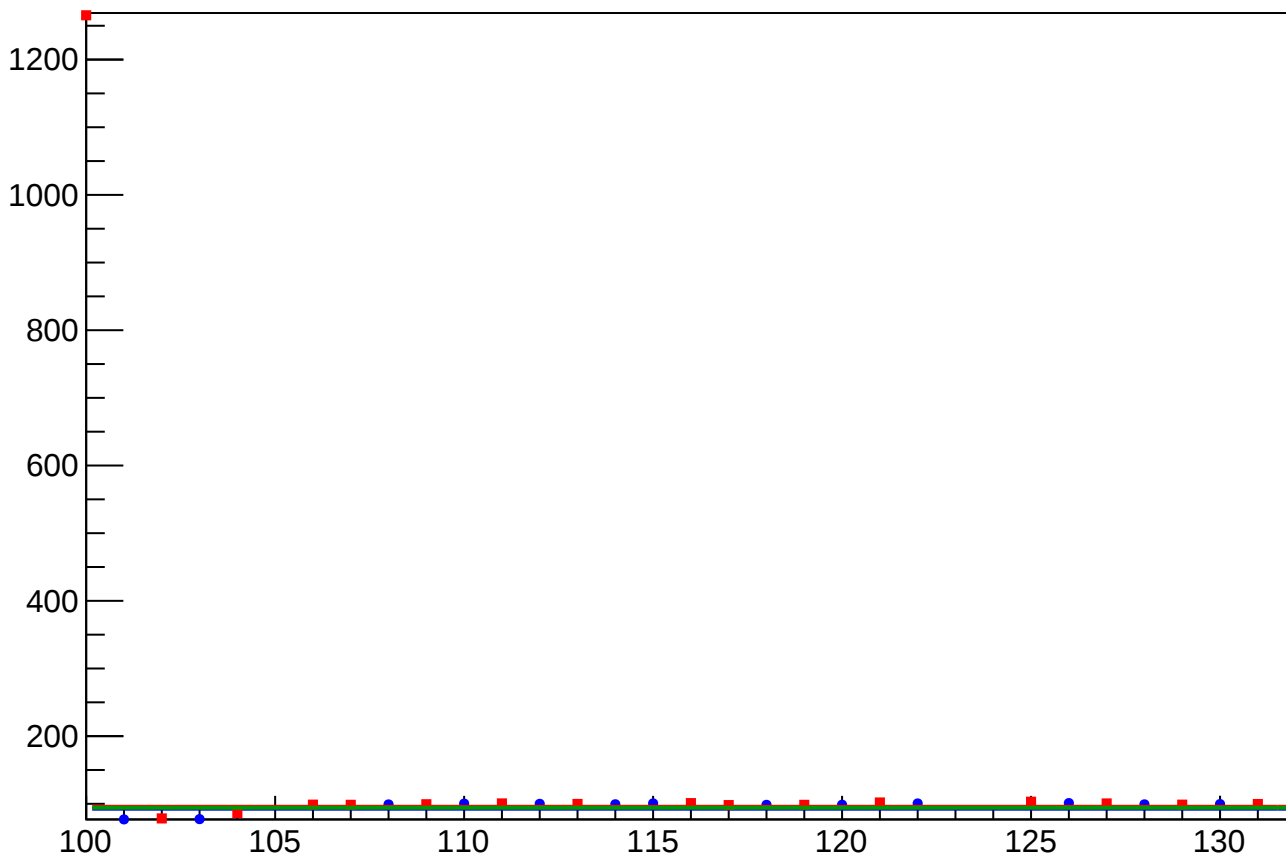
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.935+/-39.463 χ^2/NDF : 15.4/13

-2.519+/-27.929 χ^2/NDF : 28.0/29

-13.010+/-39.532 χ^2/NDF : 12.5/15

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 92.805 $\pm$ 0.028 χ^2 /NDF: 137032.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.613 $\pm$ 0.028 χ^2 /NDF: 203760.1/15

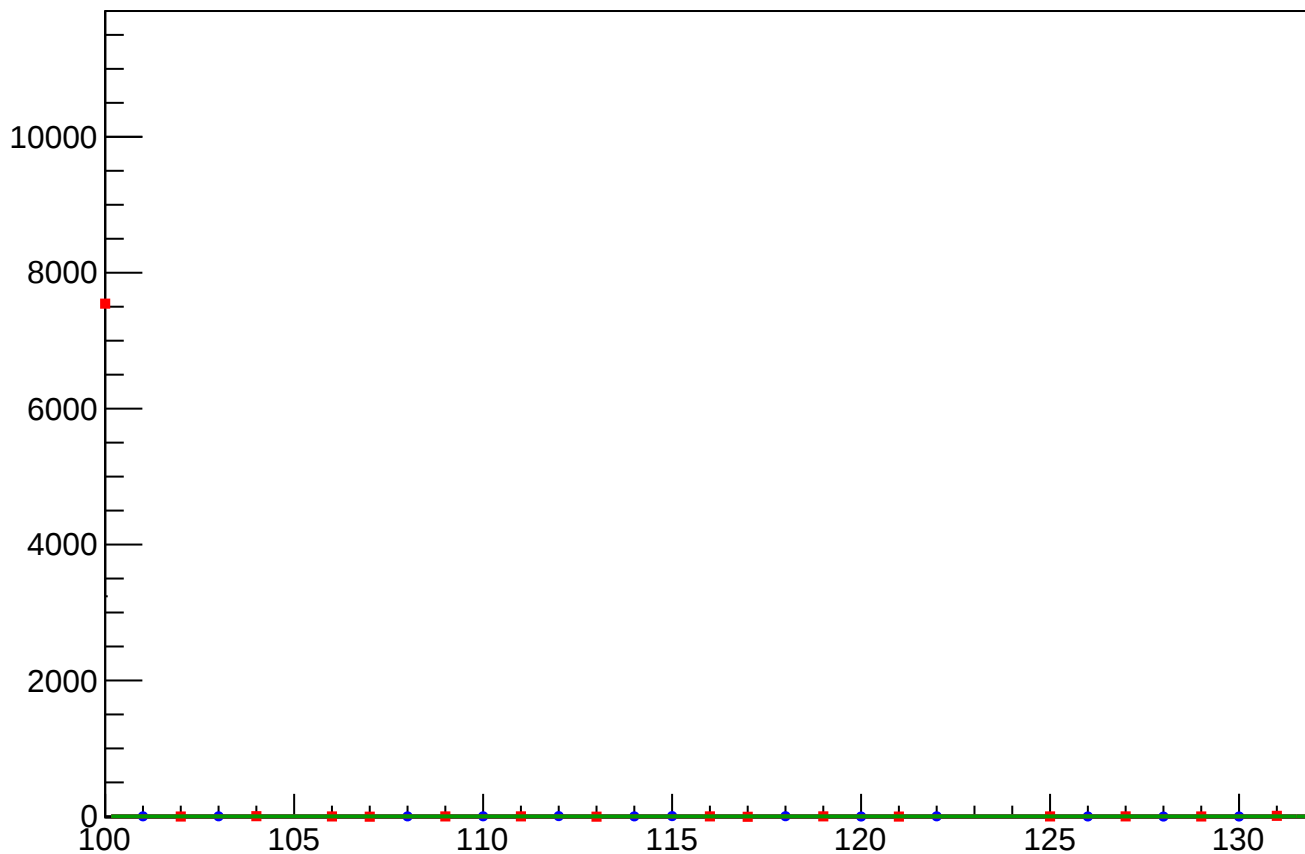
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

92.805 $\pm$ 0.028 χ^2 /NDF: 137032.5/13

94.206 $\pm$ 0.020 χ^2 /NDF: 345848.1/29

95.613 $\pm$ 0.028 χ^2 /NDF: 203760.1/15

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.393+/-0.652 χ^2/NDF : 7.2/13

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

Right Out: -0.590+/-0.688 χ^2/NDF : 21.8/15

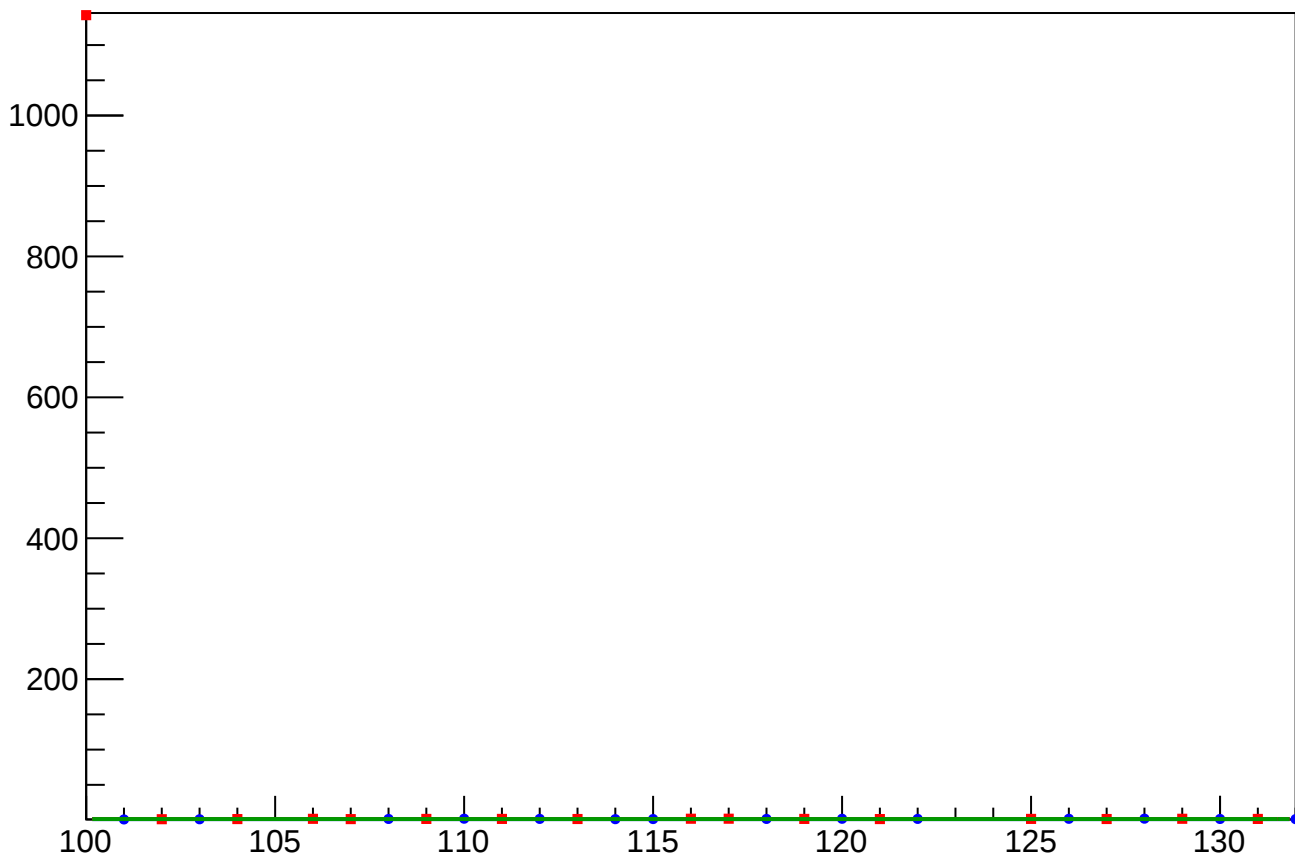
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.393+/-0.652 χ^2/NDF : 7.2/13

-0.072+/-0.473 χ^2/NDF : 30.1/29

-0.590+/-0.688 χ^2/NDF : 21.8/15

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.370 $\pm$ 0.000 χ^2 /NDF: 616718.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.527 $\pm$ 0.000 χ^2 /NDF: 283359.6/15

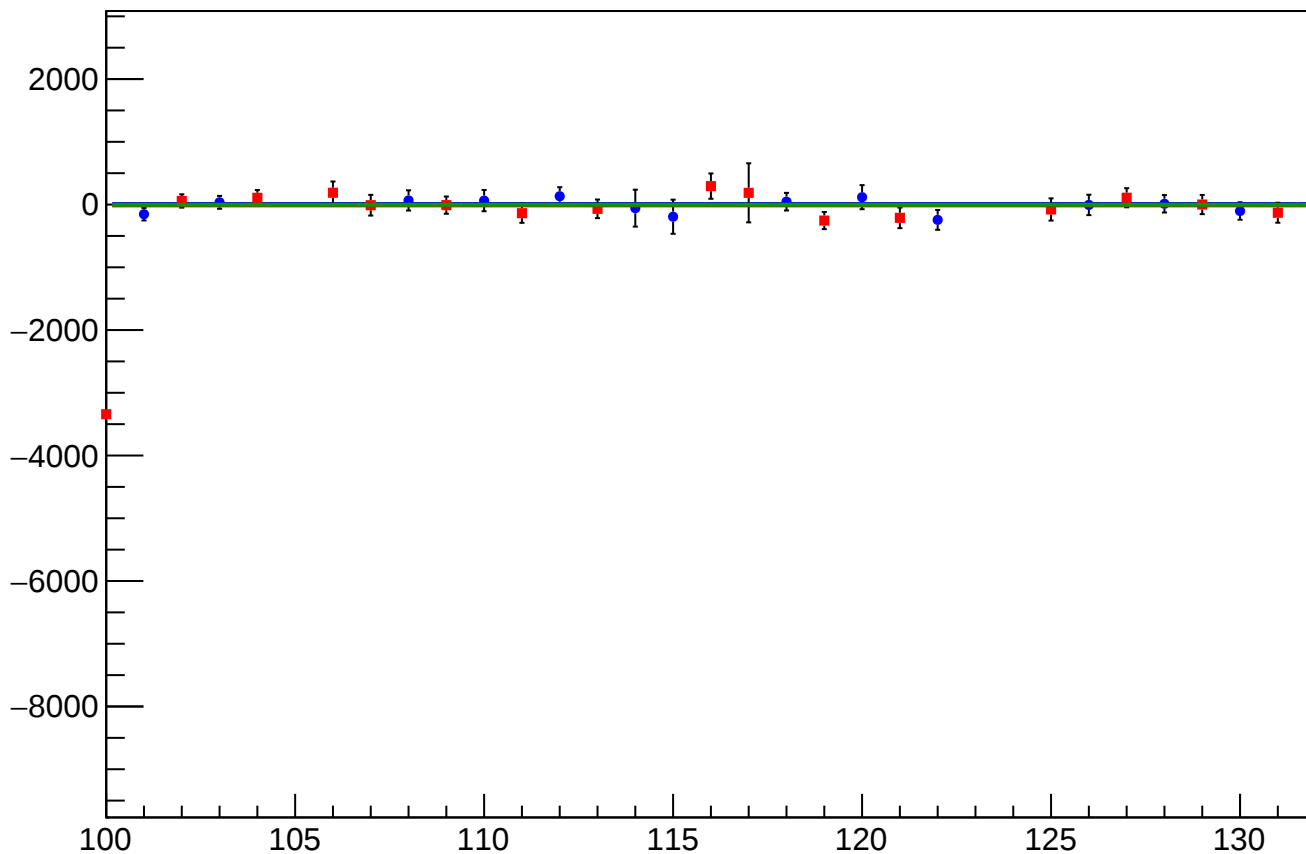
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.370 $\pm$ 0.000 χ^2 /NDF: 616718.5/13

1.444 $\pm$ 0.000 χ^2 /NDF: 954755.8/29

1.527 $\pm$ 0.000 χ^2 /NDF: 283359.6/15

asym_dsl_mean vs Slug, Sign Corrected



Right In: 7.811+/-39.473 χ^2 /NDF: 15.5/13

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

Right Out: -13.078+/-39.543 χ^2 /NDF: 12.1/15

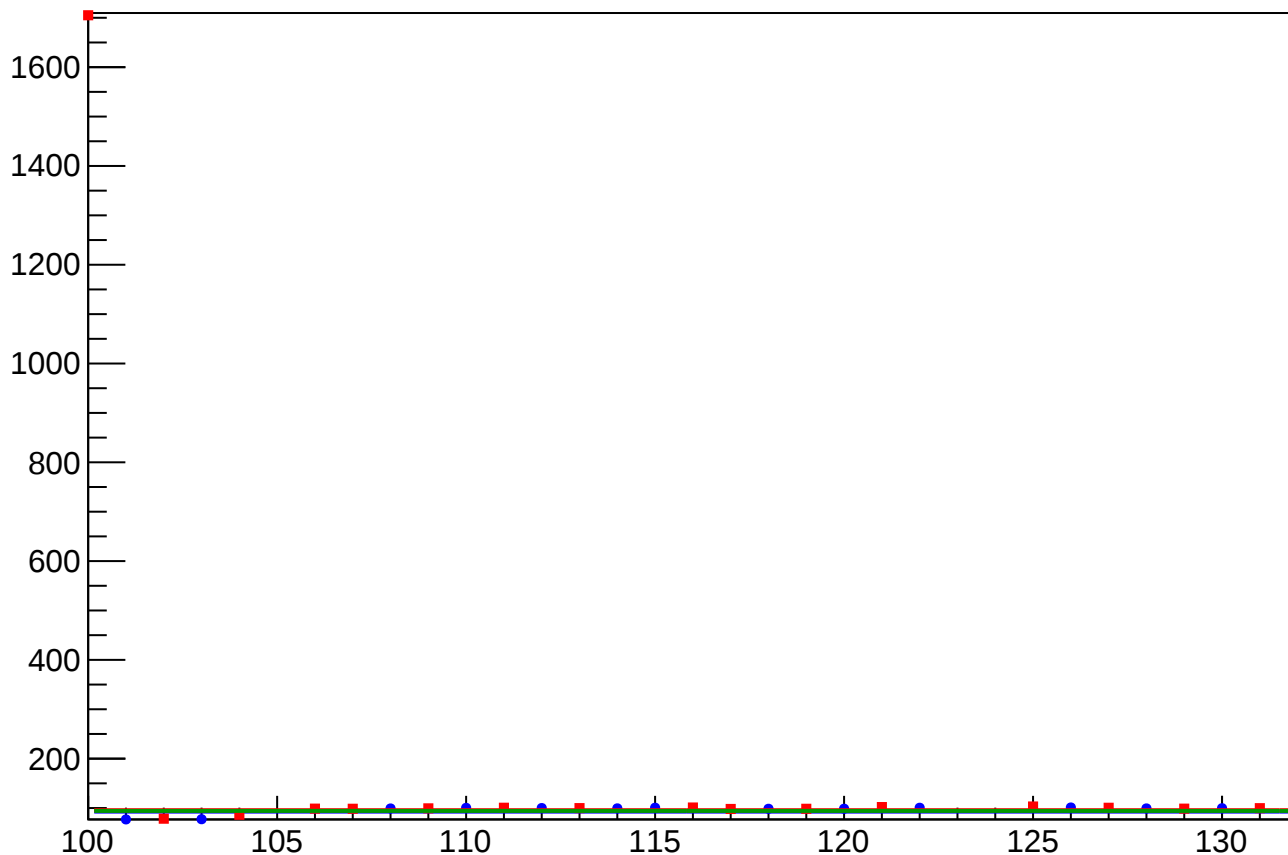
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

7.811+/-39.473 χ^2 /NDF: 15.5/13

-2.615+/-27.937 χ^2 /NDF: 27.8/29

-13.078+/-39.543 χ^2 /NDF: 12.1/15

asym_dsl_rms vs Slug, Sign Corrected



Right In: 92.829+/-0.028 χ^2/NDF : 137053.5/13

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

Right Out: 95.619+/-0.028 χ^2/NDF : 208858.0/15

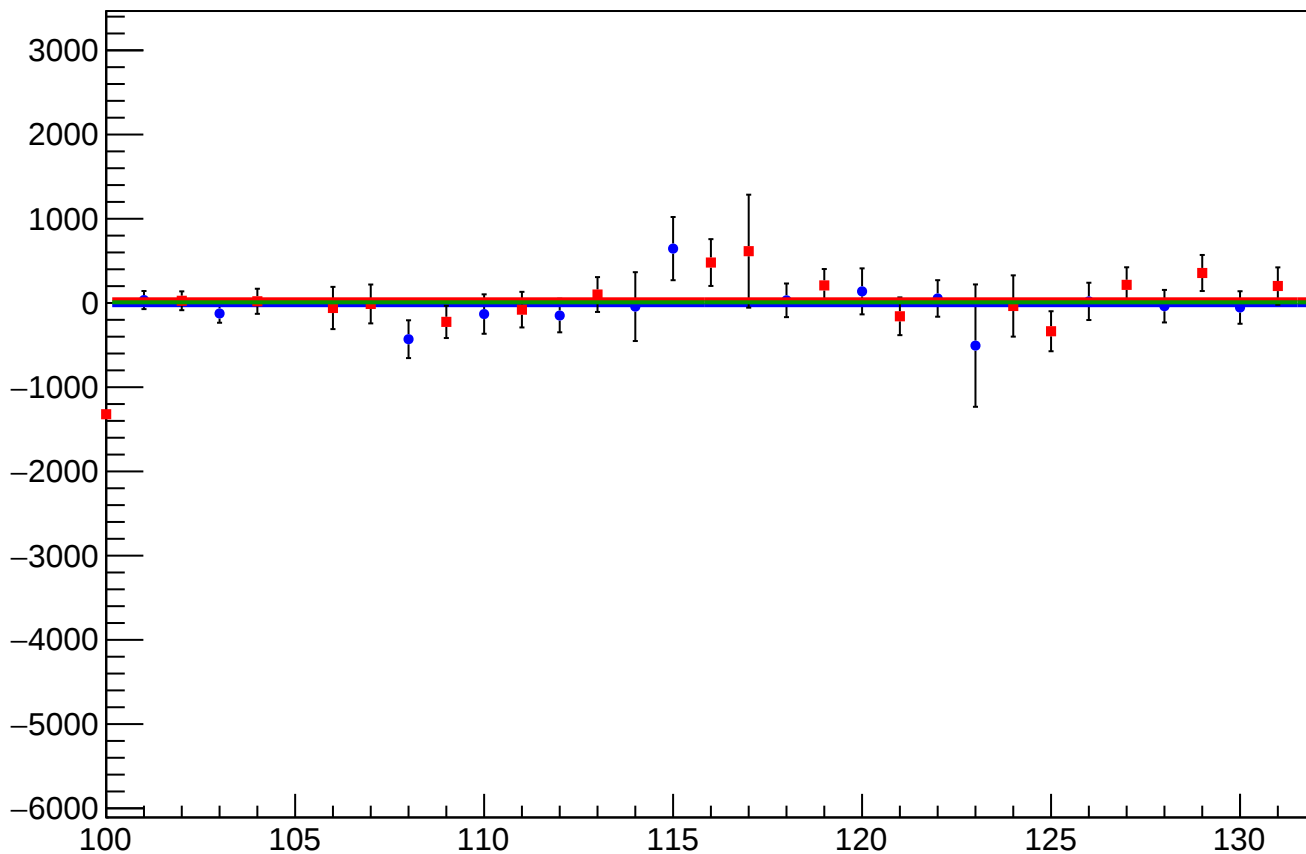
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.829+/-0.028 χ^2/NDF : 137053.5/13

94.221+/-0.020 χ^2/NDF : 350899.6/29

95.619+/-0.028 χ^2/NDF : 208858.0/15

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -26.240+/-49.844 χ^2 /NDF: 11.5/14

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

Right Out: 43.730+/-50.980 χ^2 /NDF: 13.4/16

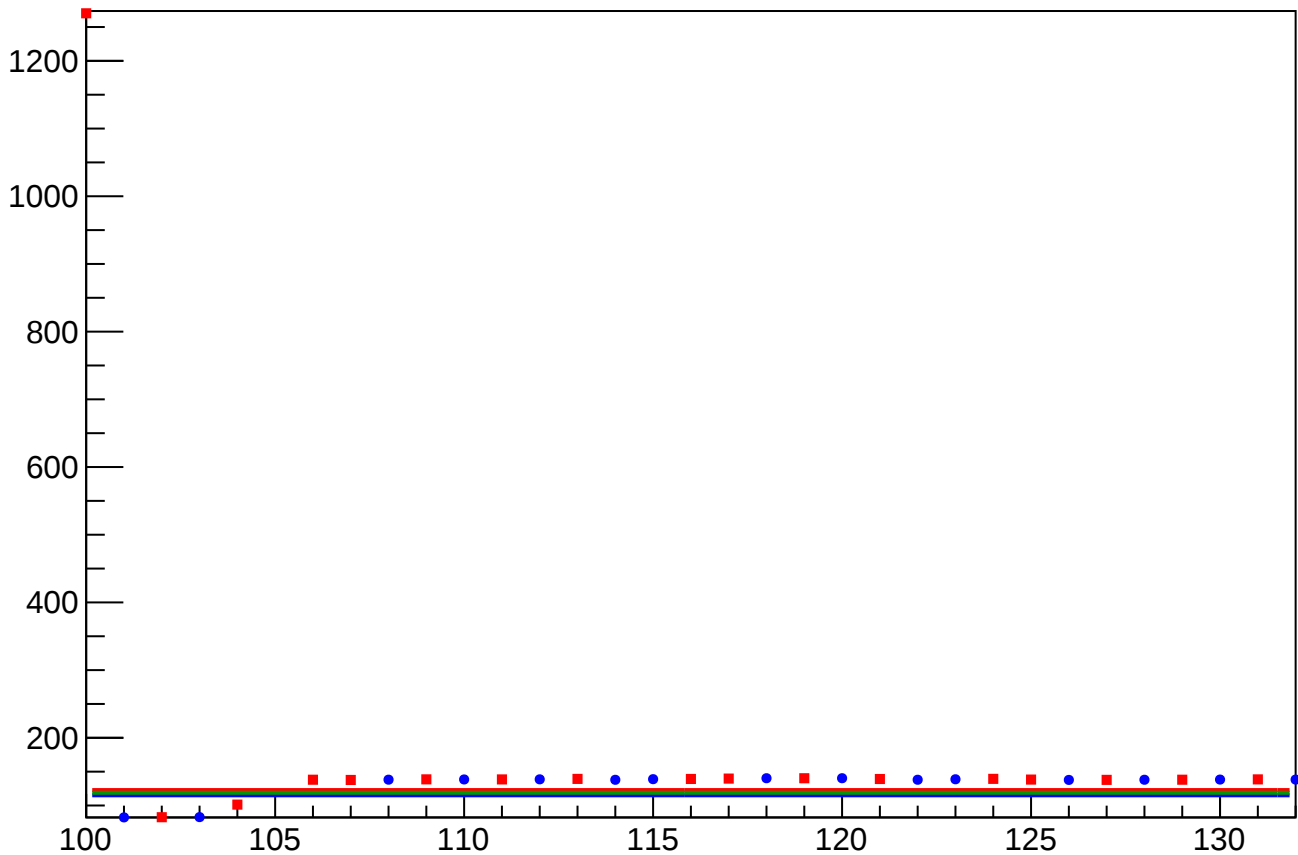
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-26.240+/-49.844 χ^2 /NDF: 11.5/14

7.956+/-35.640 χ^2 /NDF: 25.8/31

43.730+/-50.980 χ^2 /NDF: 13.4/16

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 115.046+/-0.035 χ^2/NDF : 614799.9/14

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

Right Out: 122.797+/-0.036 χ^2/NDF : 545789.2/16

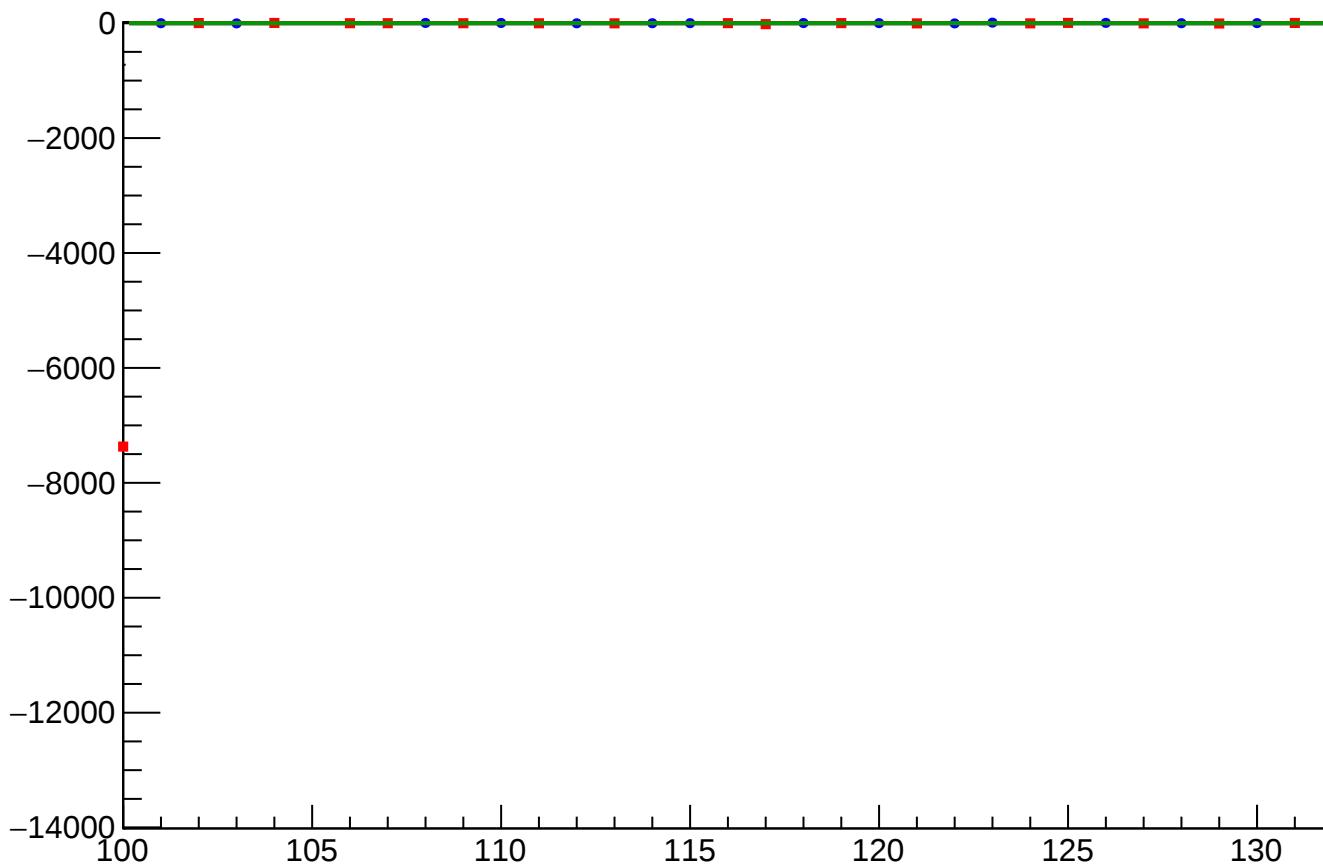
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.046+/-0.035 χ^2/NDF : 614799.9/14

118.834+/-0.025 χ^2/NDF : 1184222.9/31

122.797+/-0.036 χ^2/NDF : 545789.2/16

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -0.878+/-0.870 χ^2/NDF : 10.8/14

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

Right Out: -0.492+/-0.912 χ^2/NDF : 13.8/16

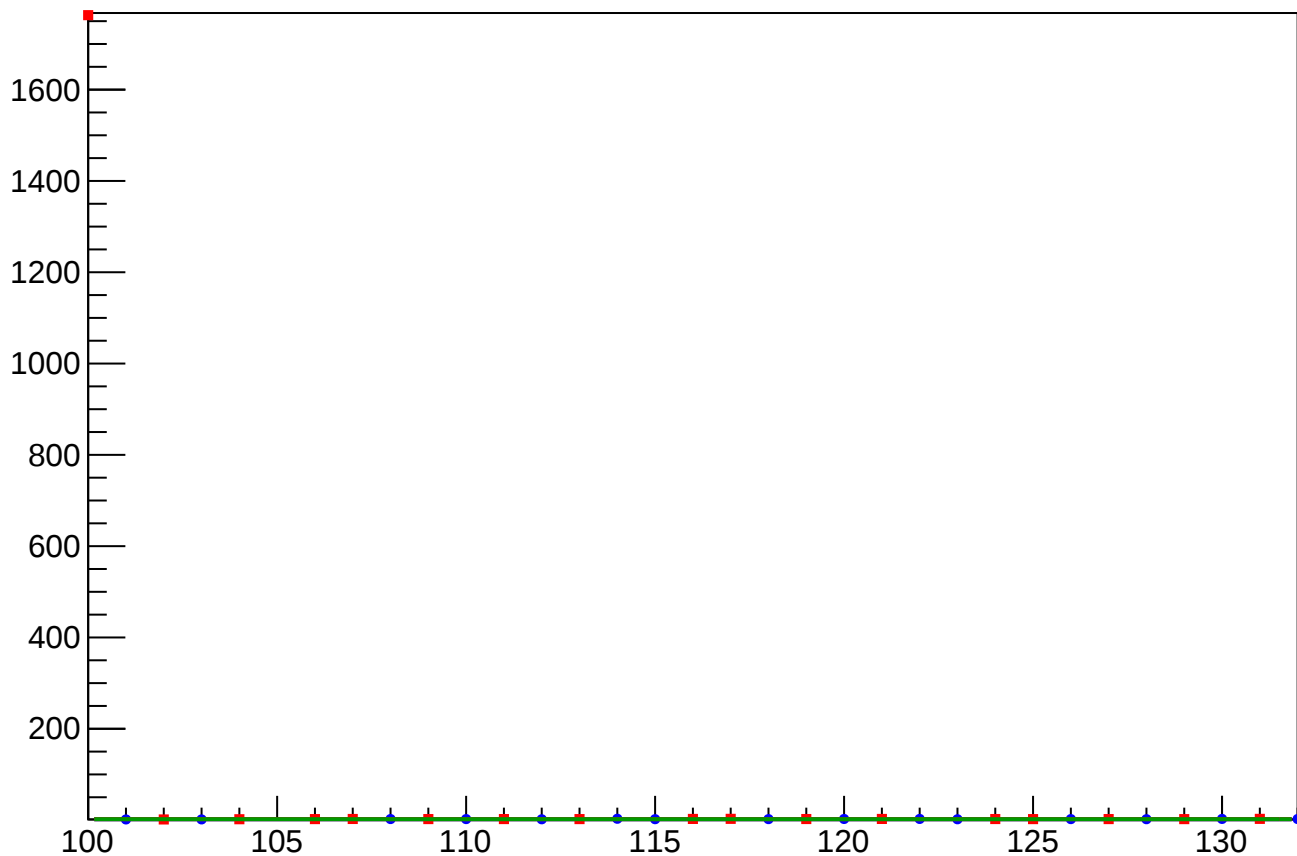
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.878+/-0.870 χ^2/NDF : 10.8/14

-0.695+/-0.630 χ^2/NDF : 24.7/31

-0.492+/-0.912 χ^2/NDF : 13.8/16

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.844 $\pm$ 0.001 χ^2/NDF : 450369.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.039 $\pm$ 0.001 χ^2/NDF : 504357.6/16

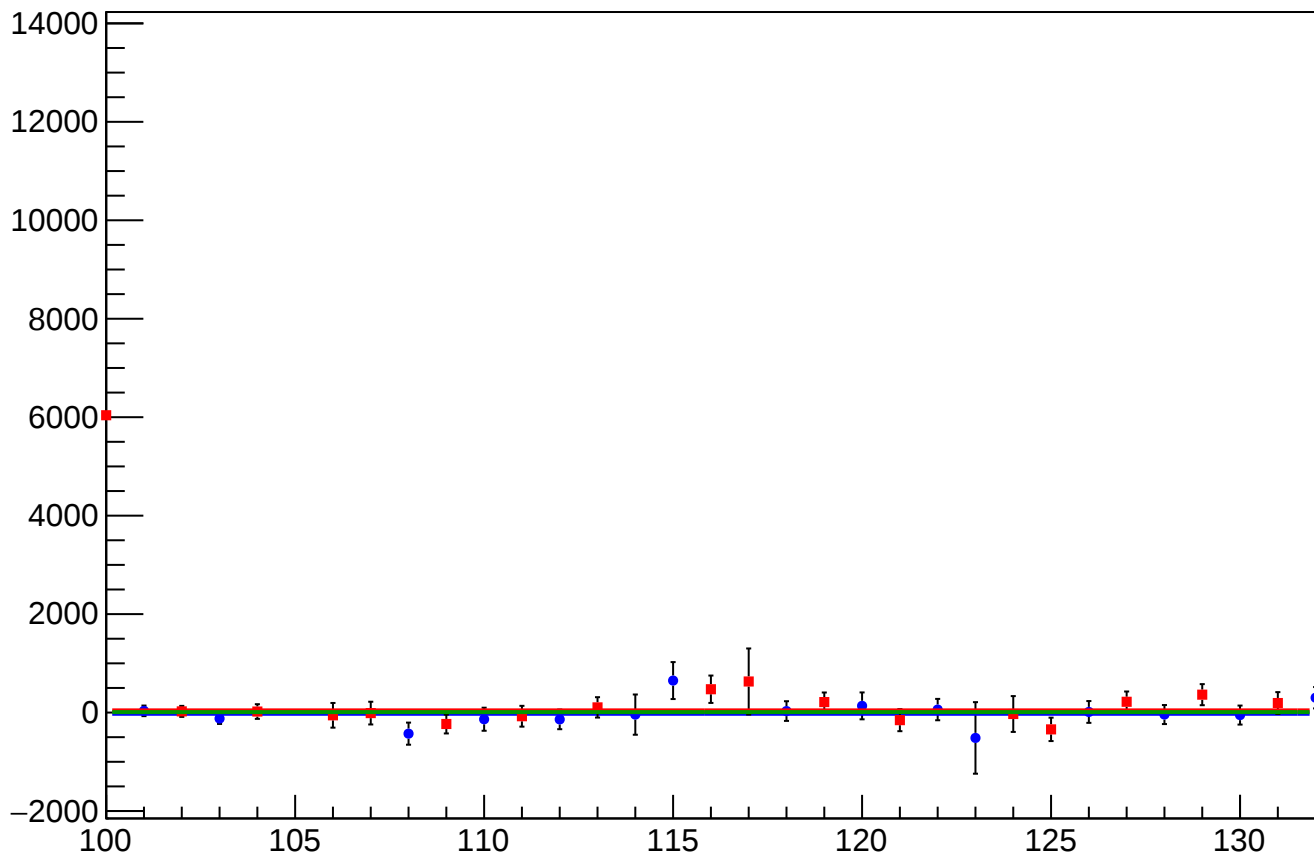
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.844 $\pm$ 0.001 χ^2/NDF : 450369.7/14

1.937 $\pm$ 0.000 χ^2/NDF : 1002971.8/31

2.039 $\pm$ 0.001 χ^2/NDF : 504357.6/16

asym_dsr_mean vs Slug, Sign Corrected



Right In: -24.665+/-49.857 χ^2 /NDF: 11.4/14

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

Right Out: 44.495+/-50.996 χ^2 /NDF: 14.0/16

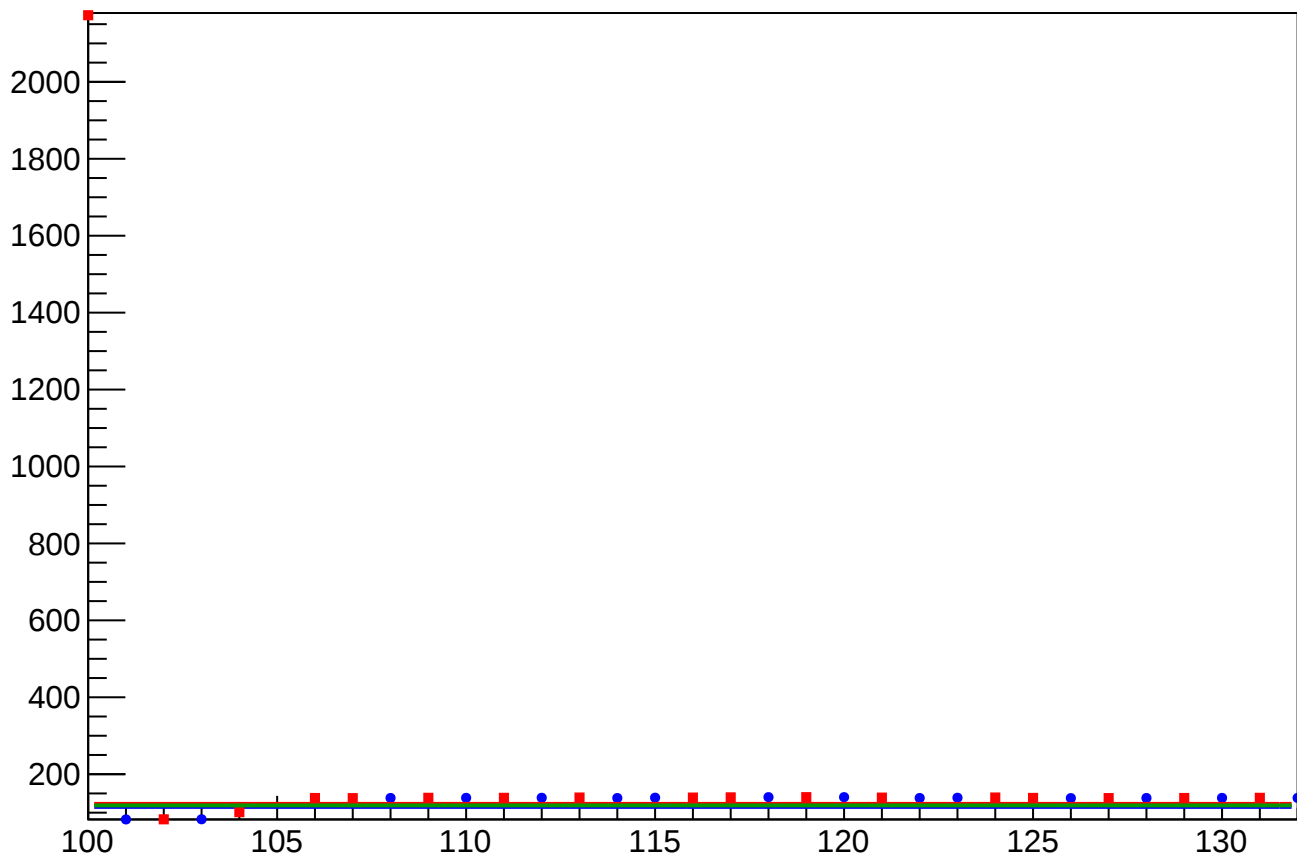
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-24.665+/-49.857 χ^2 /NDF: 11.4/14

9.134+/-35.650 χ^2 /NDF: 26.4/31

44.495+/-50.996 χ^2 /NDF: 14.0/16

asym_dsr_rms vs Slug, Sign Corrected



Right In: 115.077 $\pm$ 0.035 χ^2 /NDF: 614849.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.779 $\pm$ 0.036 χ^2 /NDF: 556219.9/16

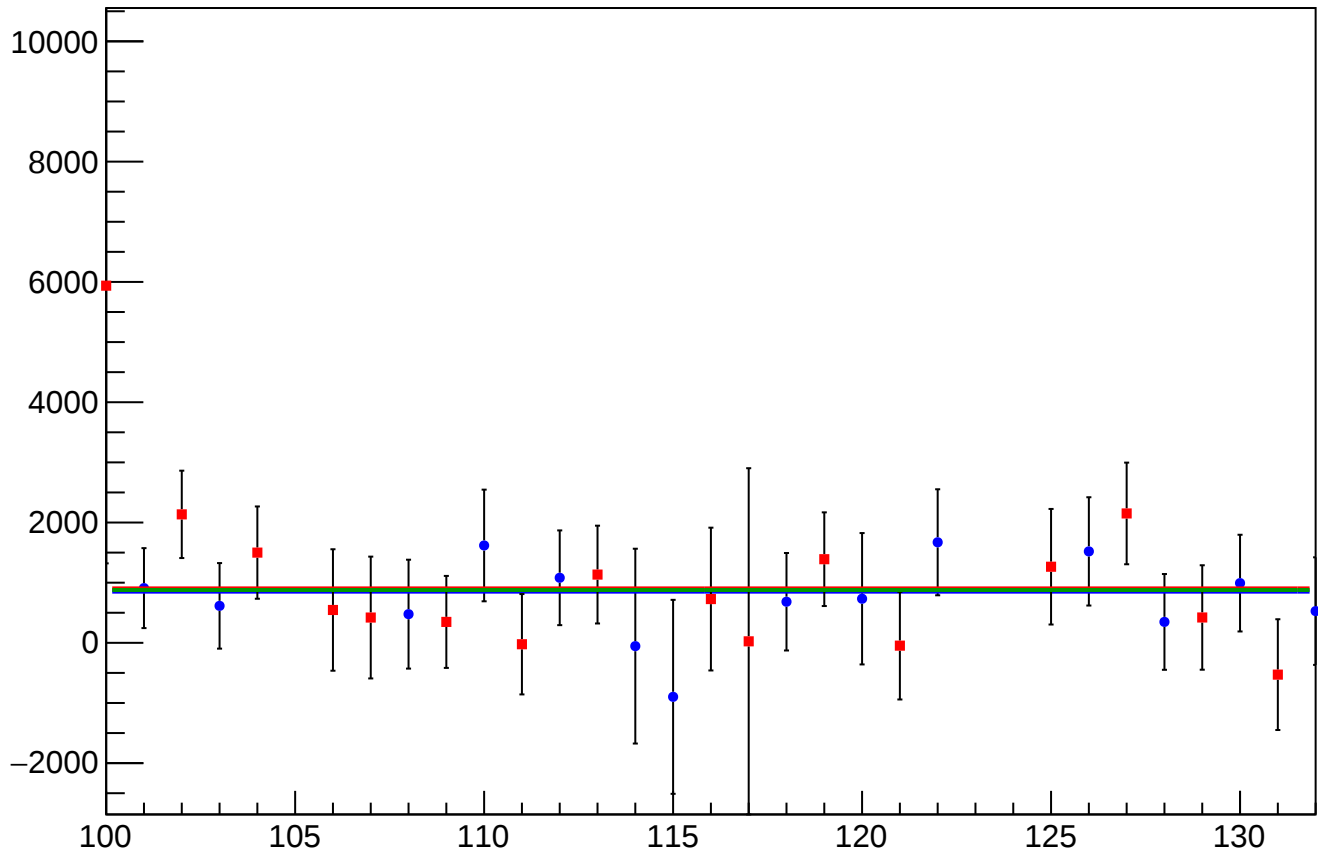
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

115.077 $\pm$ 0.035 χ^2 /NDF: 614849.9/14

118.841 $\pm$ 0.025 χ^2 /NDF: 1194392.3/31

122.779 $\pm$ 0.036 χ^2 /NDF: 556219.9/16

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 851.123+/-234.030 χ^2/NDF : 4.6/13

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

Right Out: 904.958+/-229.560 χ^2/NDF : 13.6/15

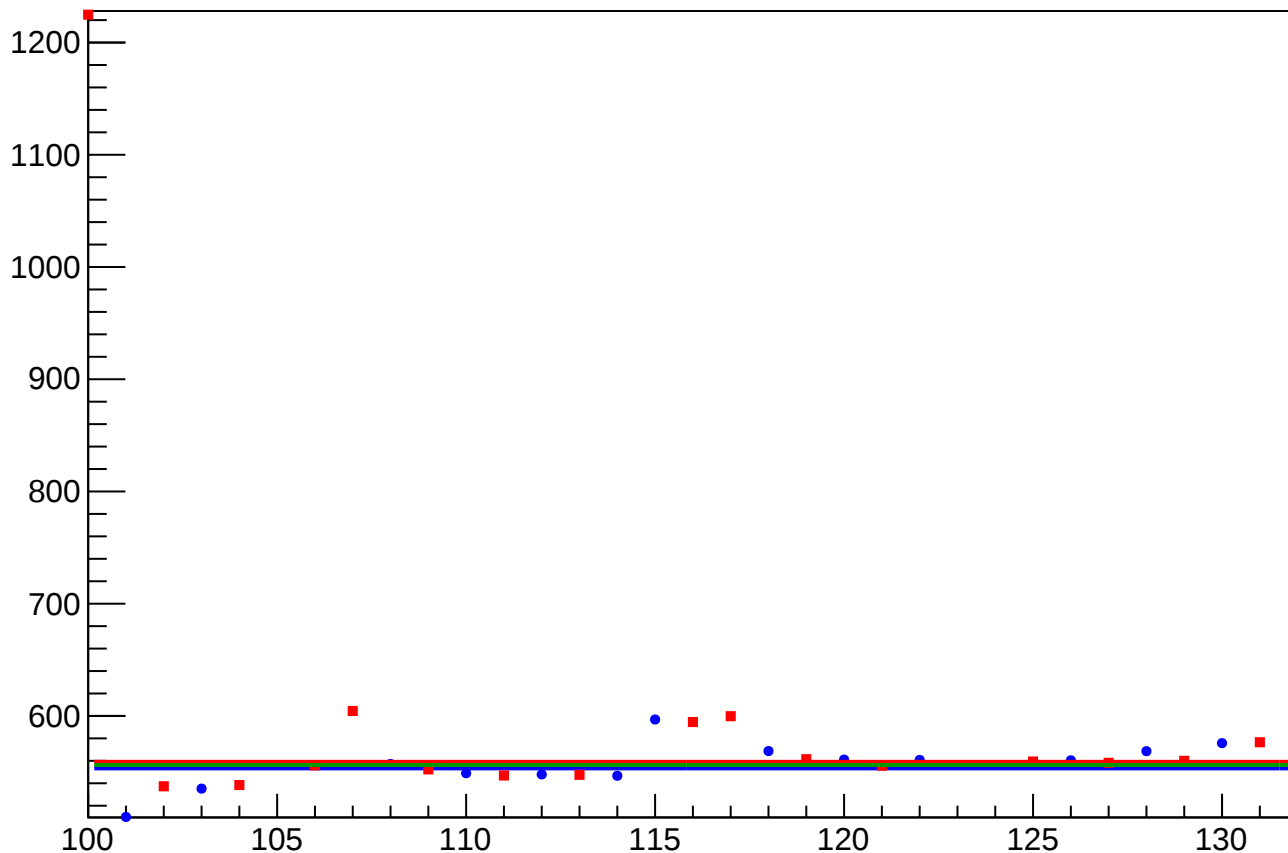
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

851.123+/-234.030 χ^2/NDF : 4.6/13

878.560+/-163.881 χ^2/NDF : 18.2/29

904.958+/-229.560 χ^2/NDF : 13.6/15

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 553.283+/-0.165 χ^2/NDF : 15534.0/13

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

Right Out: 559.102+/-0.162 χ^2/NDF : 52806.5/15

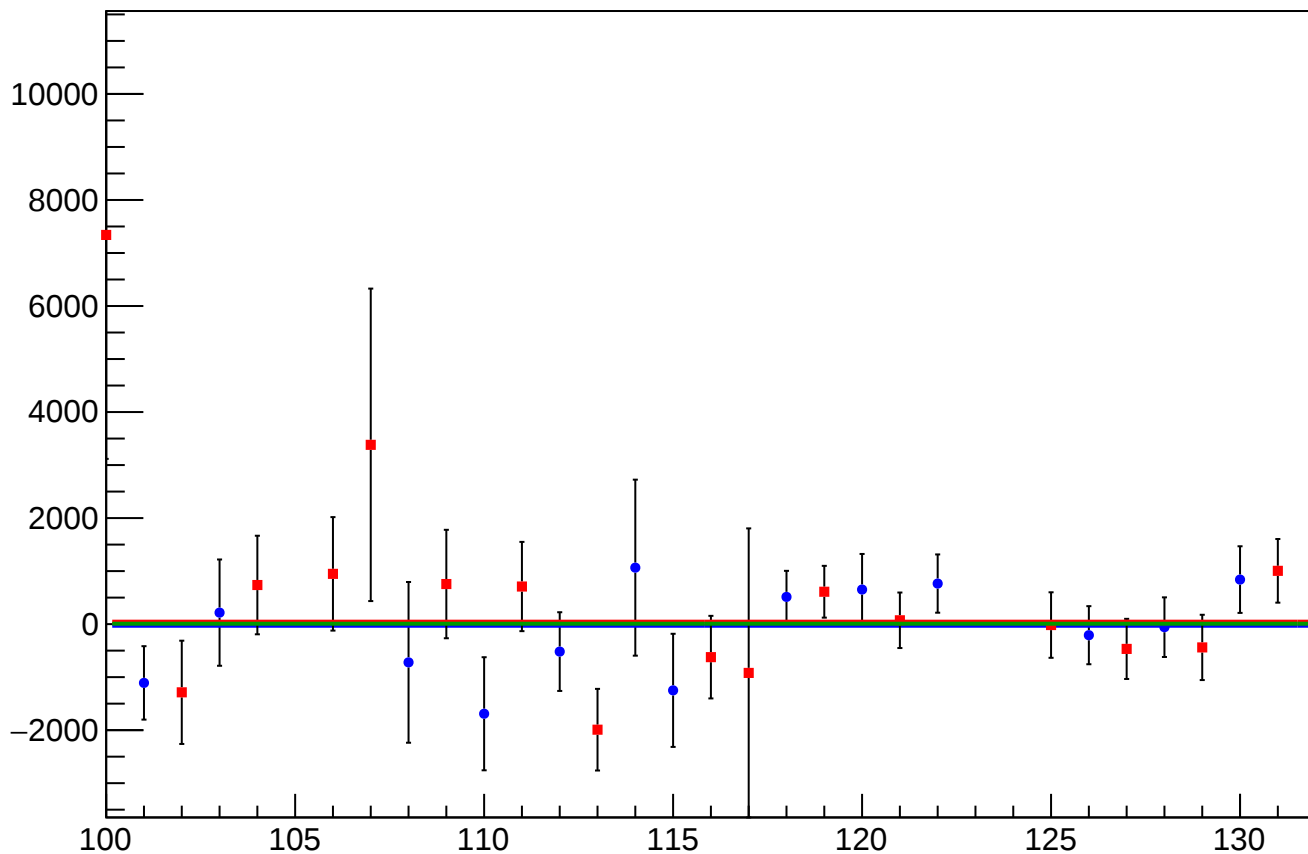
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

553.283+/-0.165 χ^2/NDF : 15534.0/13

556.249+/-0.116 χ^2/NDF : 68970.6/29

559.102+/-0.162 χ^2/NDF : 52806.5/15

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -30.589+/-187.008 χ^2/NDF : 16.4/13

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

Right Out: 45.991+/-188.731 χ^2/NDF : 21.7/15

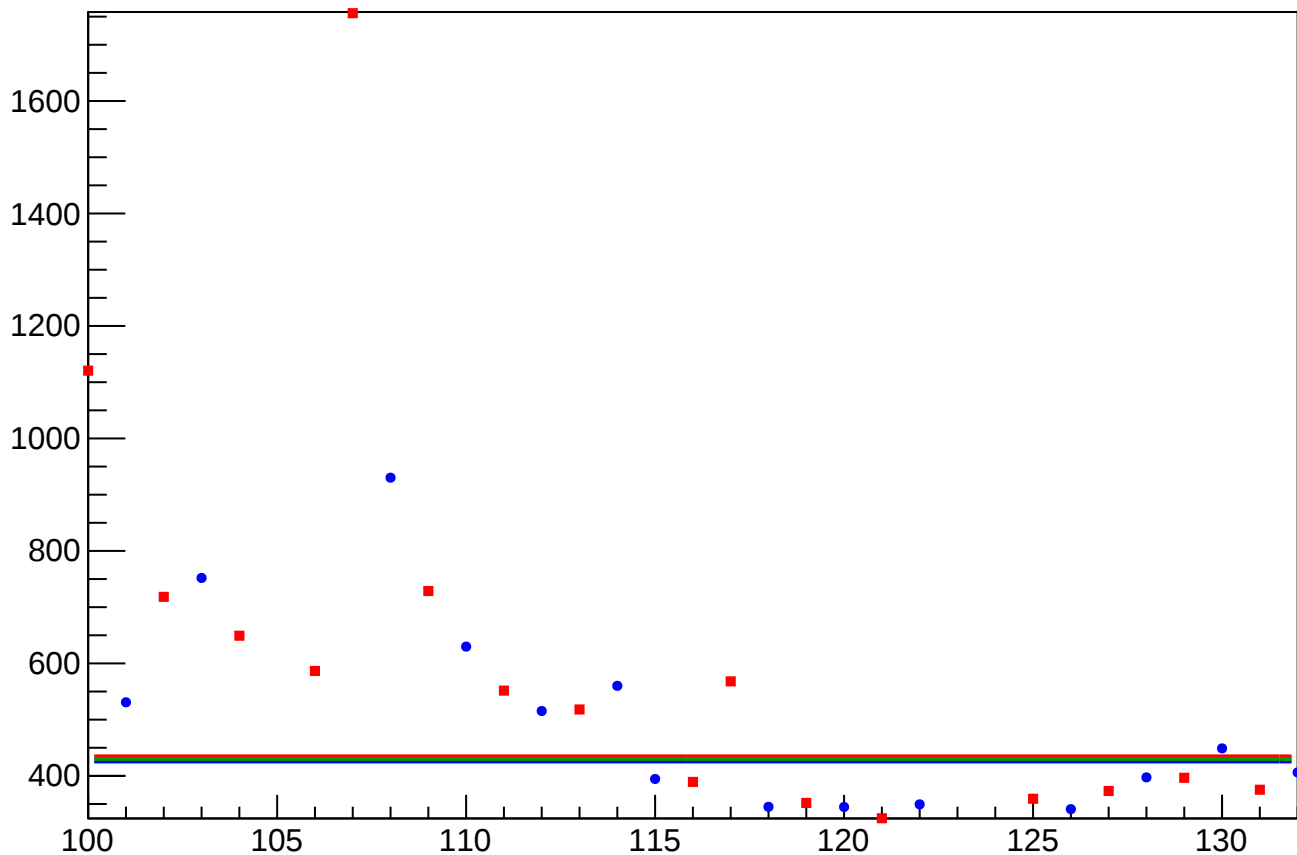
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.589+/-187.008 χ^2/NDF : 16.4/13

7.350+/-132.840 χ^2/NDF : 38.2/29

45.991+/-188.731 χ^2/NDF : 21.7/15

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 425.695+/-0.132 χ^2/NDF : 775978.6/13

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

Right Out: 434.644+/-0.133 χ^2/NDF : 1236358.3/15

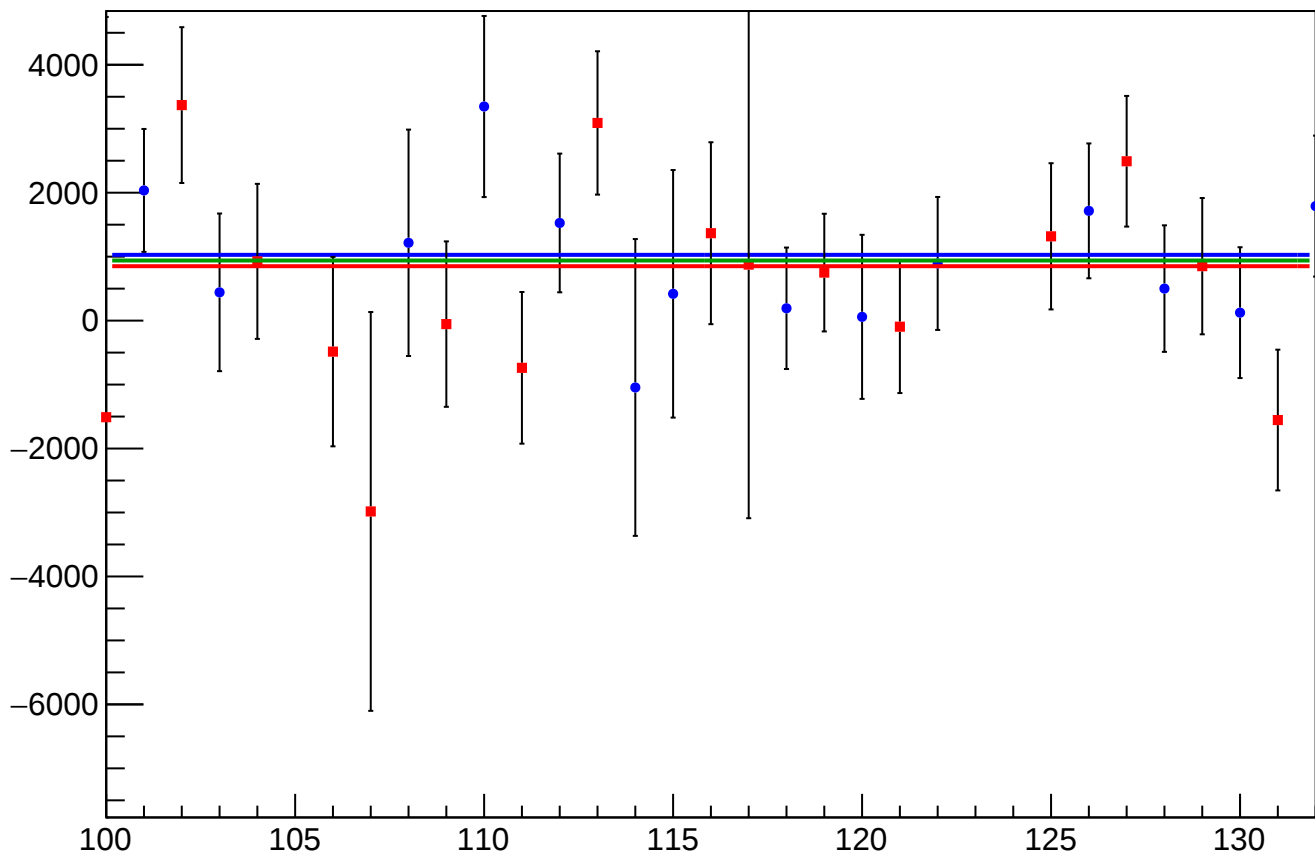
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

425.695+/-0.132 χ^2/NDF : 775978.6/13

430.129+/-0.094 χ^2/NDF : 2014606.0/29

434.644+/-0.133 χ^2/NDF : 1236358.3/15

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1028.335 $\pm$ 313.003 χ^2 /NDF: 8.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 850.752 $\pm$ 313.969 χ^2 /NDF: 21.5/15

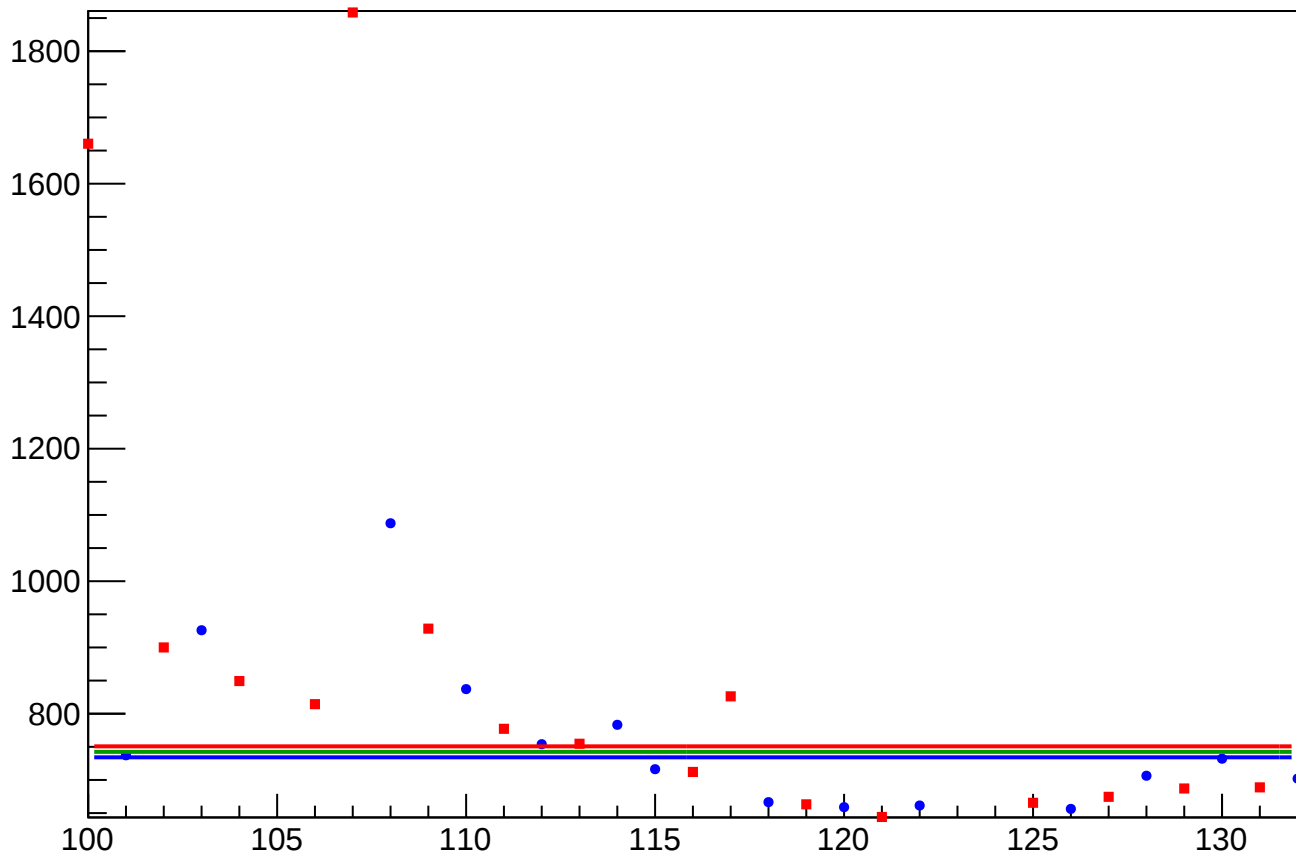
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1028.335 $\pm$ 313.003 χ^2 /NDF: 8.5/13

939.817 $\pm$ 221.667 χ^2 /NDF: 30.1/29

850.752 $\pm$ 313.969 χ^2 /NDF: 21.5/15

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 734.171+/-0.221 χ^2/NDF : 181505.6/13

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

Right Out: 750.741+/-0.222 χ^2/NDF : 457598.7/15

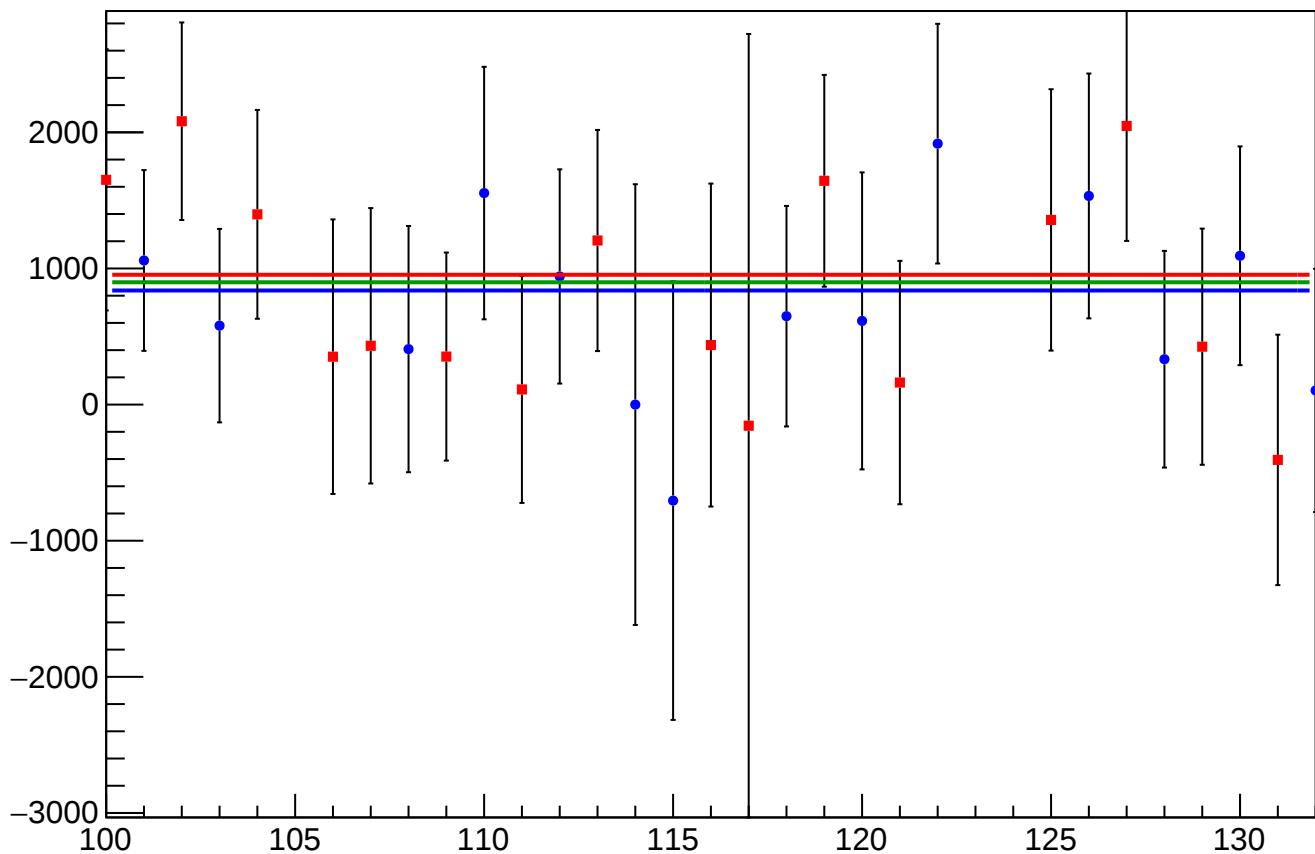
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

734.171+/-0.221 χ^2/NDF : 181505.6/13

742.431+/-0.157 χ^2/NDF : 641898.0/29

750.741+/-0.222 χ^2/NDF : 457598.7/15

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 838.180 ± 233.850 χ^2/NDF : 5.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 953.725 ± 223.345 χ^2/NDF : 12.0/15

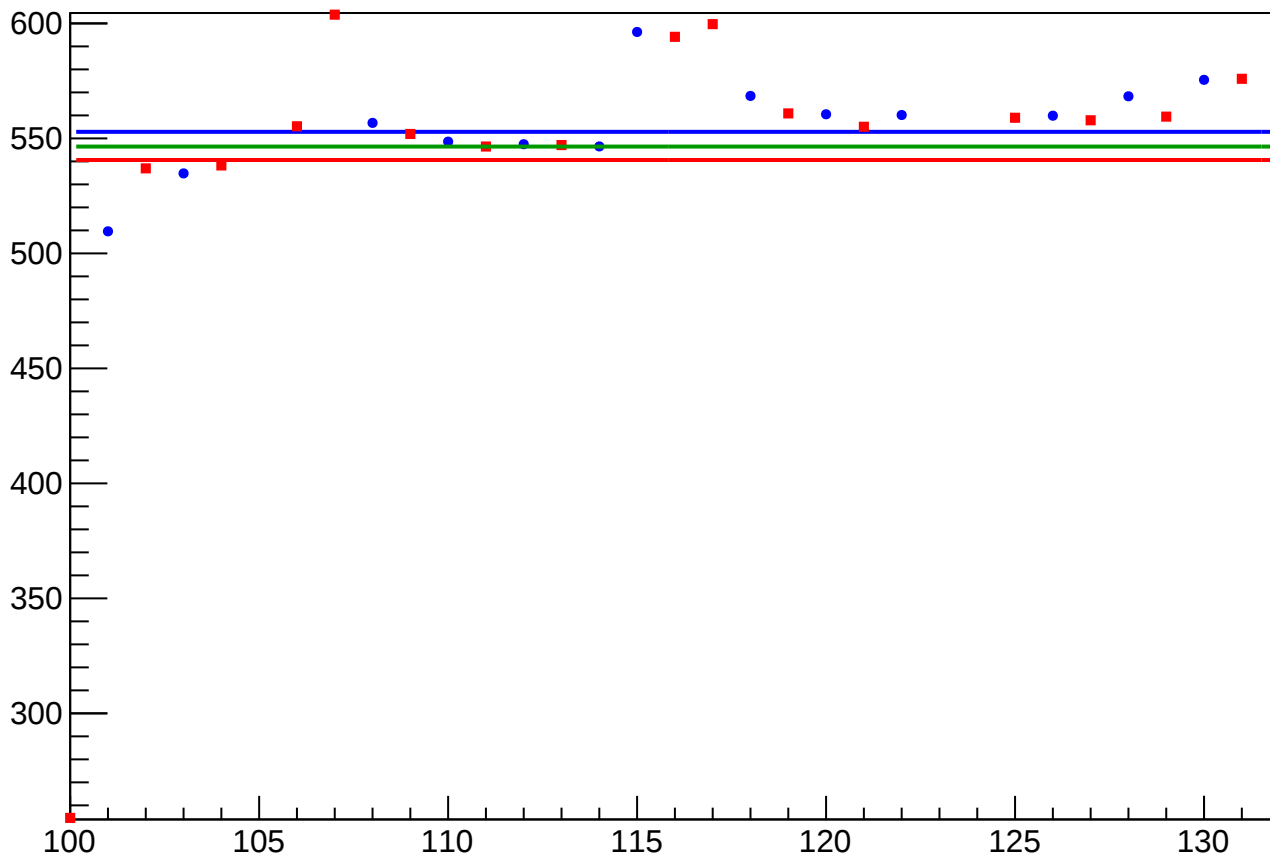
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

838.180 ± 233.850 χ^2/NDF : 5.6/13

898.606 ± 161.515 χ^2/NDF : 17.7/29

953.725 ± 223.345 χ^2/NDF : 12.0/15

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 552.858 +/- 0.165 χ^2/NDF : 15560.6/13

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

Right Out: 540.603 +/- 0.158 χ^2/NDF : 199032.1/15

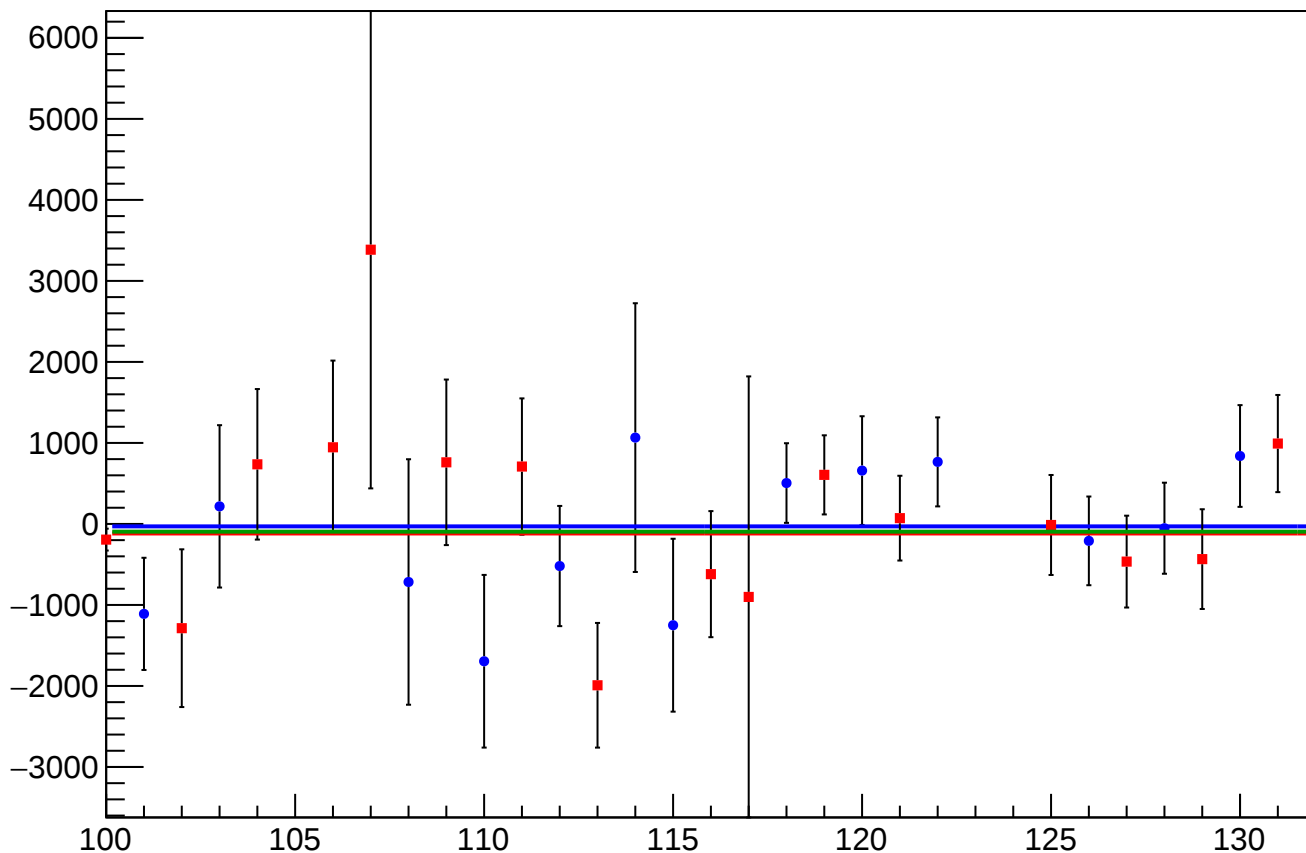
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

552.858 +/- 0.165 χ^2/NDF : 15560.6/13

546.449 +/- 0.114 χ^2/NDF : 217465.3/29

540.603 +/- 0.158 χ^2/NDF : 199032.1/15

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -30.196 ± 186.923 χ^2/NDF : 16.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -117.639 ± 109.799 χ^2/NDF : 19.6/15

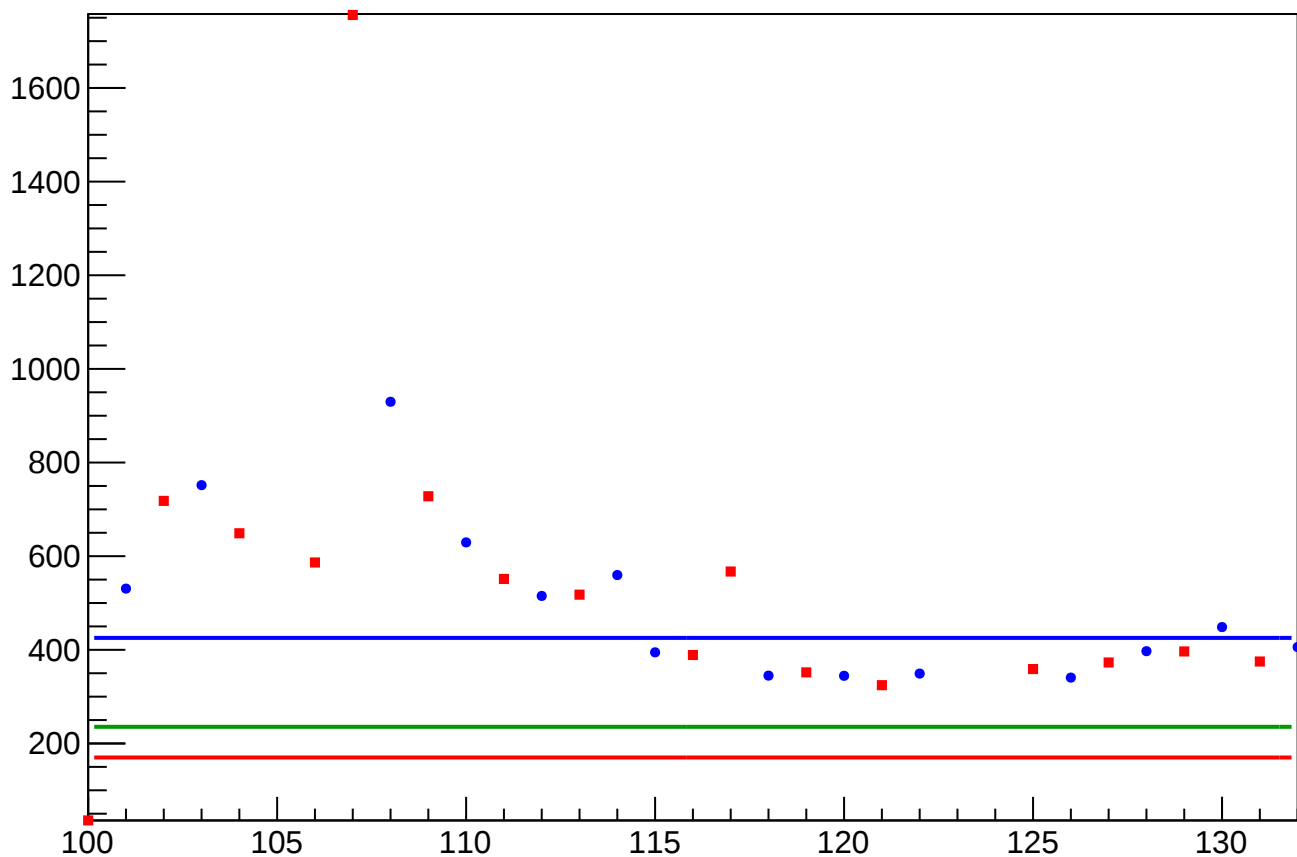
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-30.196 ± 186.923 χ^2/NDF : 16.4/13

-95.208 ± 94.674 χ^2/NDF : 36.1/29

-117.639 ± 109.799 χ^2/NDF : 19.6/15

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 425.504+/-0.132 χ^2/NDF : 775974.5/13

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

Right Out: 170.049+/-0.078 χ^2/NDF : 7045866.6/15

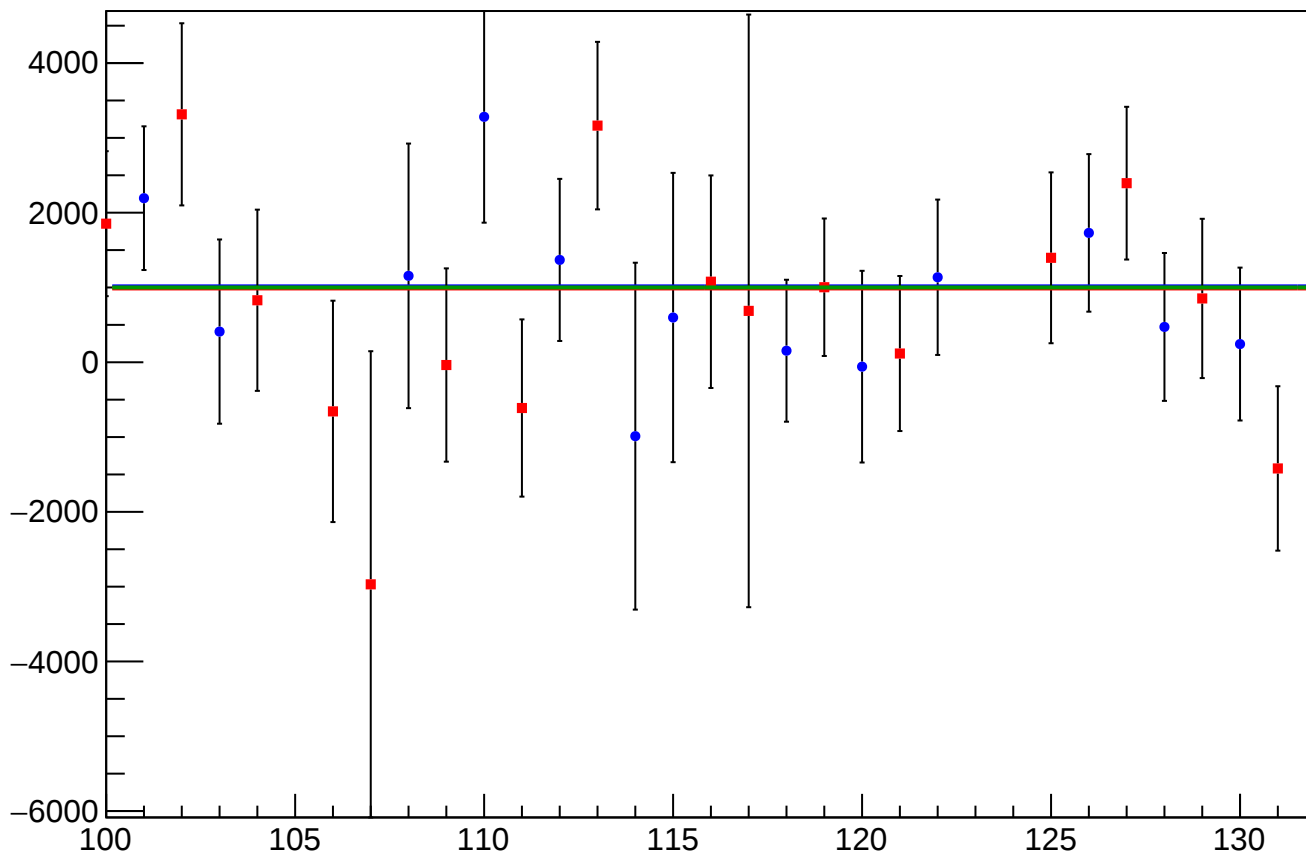
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

425.504+/-0.132 χ^2/NDF : 775974.5/13

235.581+/-0.067 χ^2/NDF : 10598973.3/29

170.049+/-0.078 χ^2/NDF : 7045866.6/15

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1014.903 $\pm$ 312.797 χ^2 /NDF: 8.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 986.980 $\pm$ 298.831 χ^2 /NDF: 21.1/15

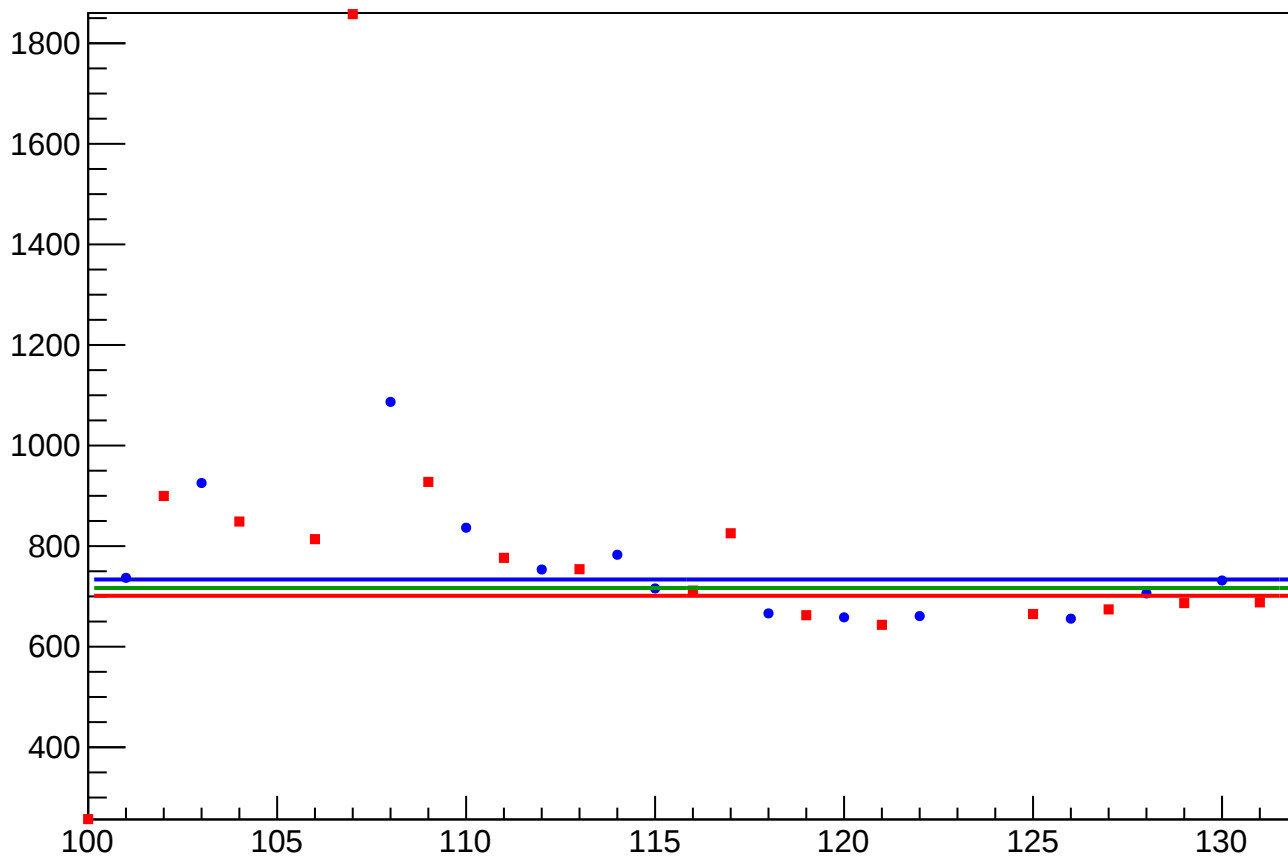
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1014.903 $\pm$ 312.797 χ^2 /NDF: 8.2/13

1000.304 $\pm$ 216.074 χ^2 /NDF: 29.3/29

986.980 $\pm$ 298.831 χ^2 /NDF: 21.1/15

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 733.682 $\pm$ 0.221 χ^2 /NDF: 181685.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 701.227 $\pm$ 0.211 χ^2 /NDF: 879847.2/15

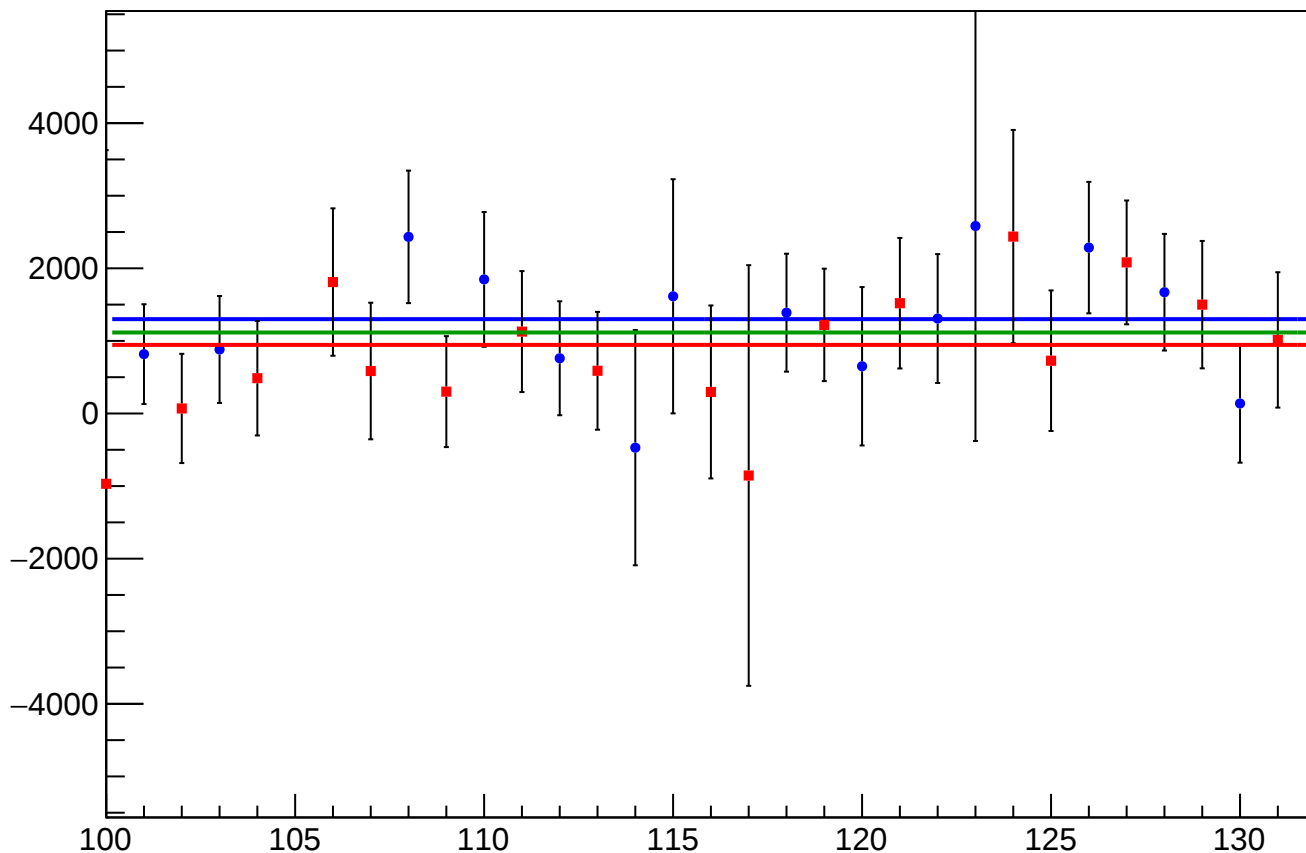
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

733.682 $\pm$ 0.221 χ^2 /NDF: 181685.0/13

716.714 $\pm$ 0.153 χ^2 /NDF: 1072788.7/29

701.227 $\pm$ 0.211 χ^2 /NDF: 879847.2/15

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1299.665 $\pm$ 236.194 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 945.025 $\pm$ 227.800 χ^2 /NDF: 8.2/16

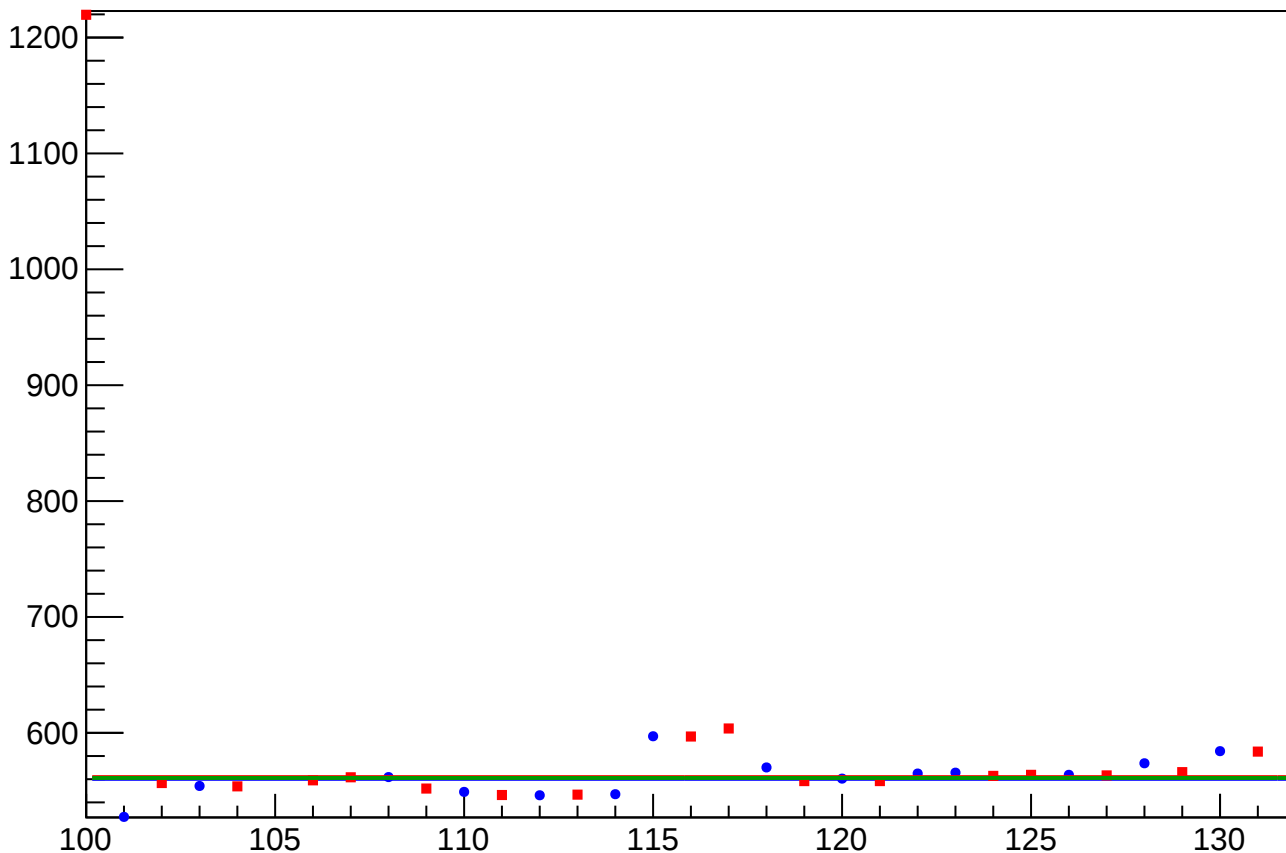
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1299.665 $\pm$ 236.194 χ^2 /NDF: 10.1/14

1115.931 $\pm$ 163.966 χ^2 /NDF: 19.5/31

945.025 $\pm$ 227.800 χ^2 /NDF: 8.2/16

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 560.352+/-0.167 χ^2/NDF : 10451.3/14

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

Right Out: 561.783+/-0.161 χ^2/NDF : 46380.6/16

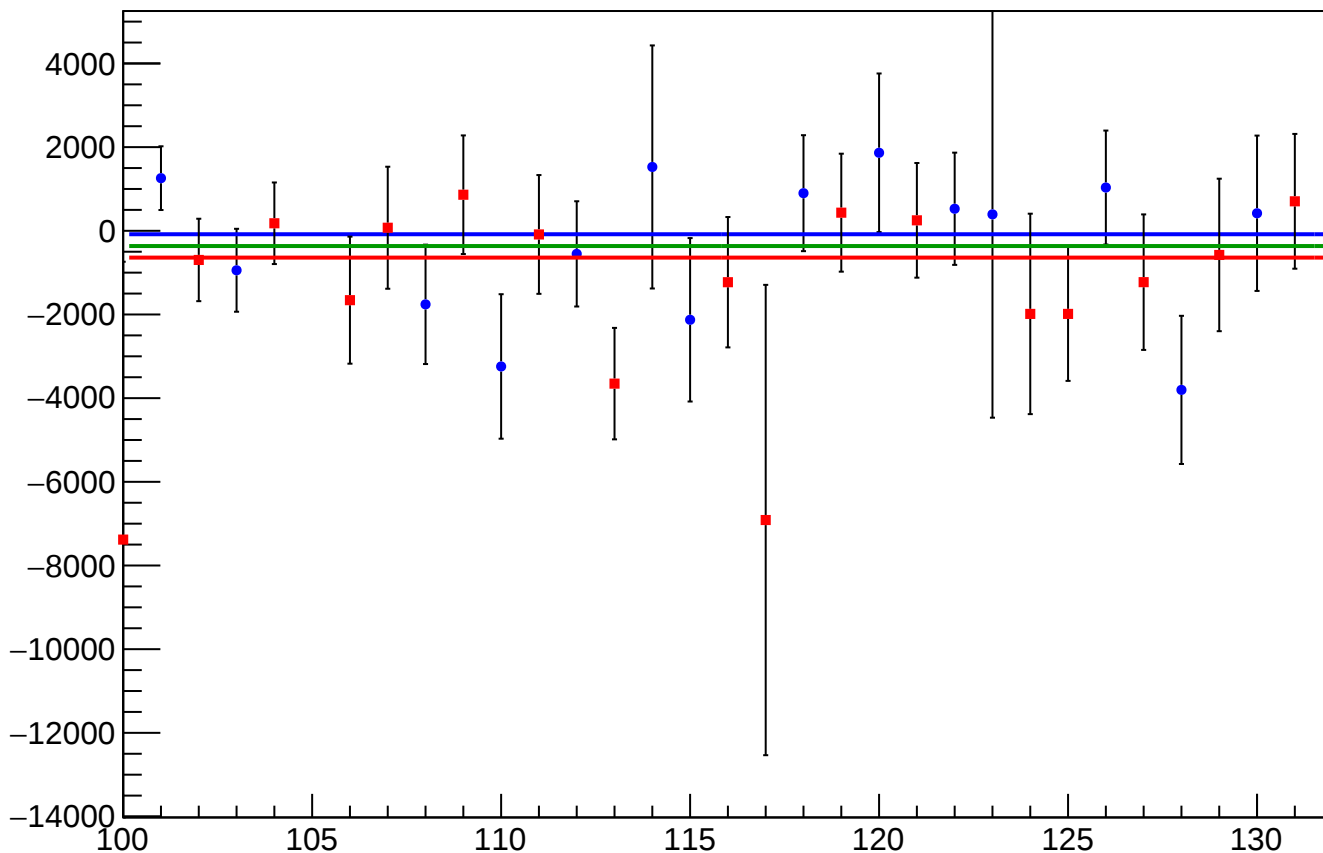
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

560.352+/-0.167 χ^2/NDF : 10451.3/14

561.094+/-0.116 χ^2/NDF : 56869.9/31

561.783+/-0.161 χ^2/NDF : 46380.6/16

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -82.098 $\pm$ 364.647 χ^2 /NDF: 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -640.539 $\pm$ 360.891 χ^2 /NDF: 13.1/16

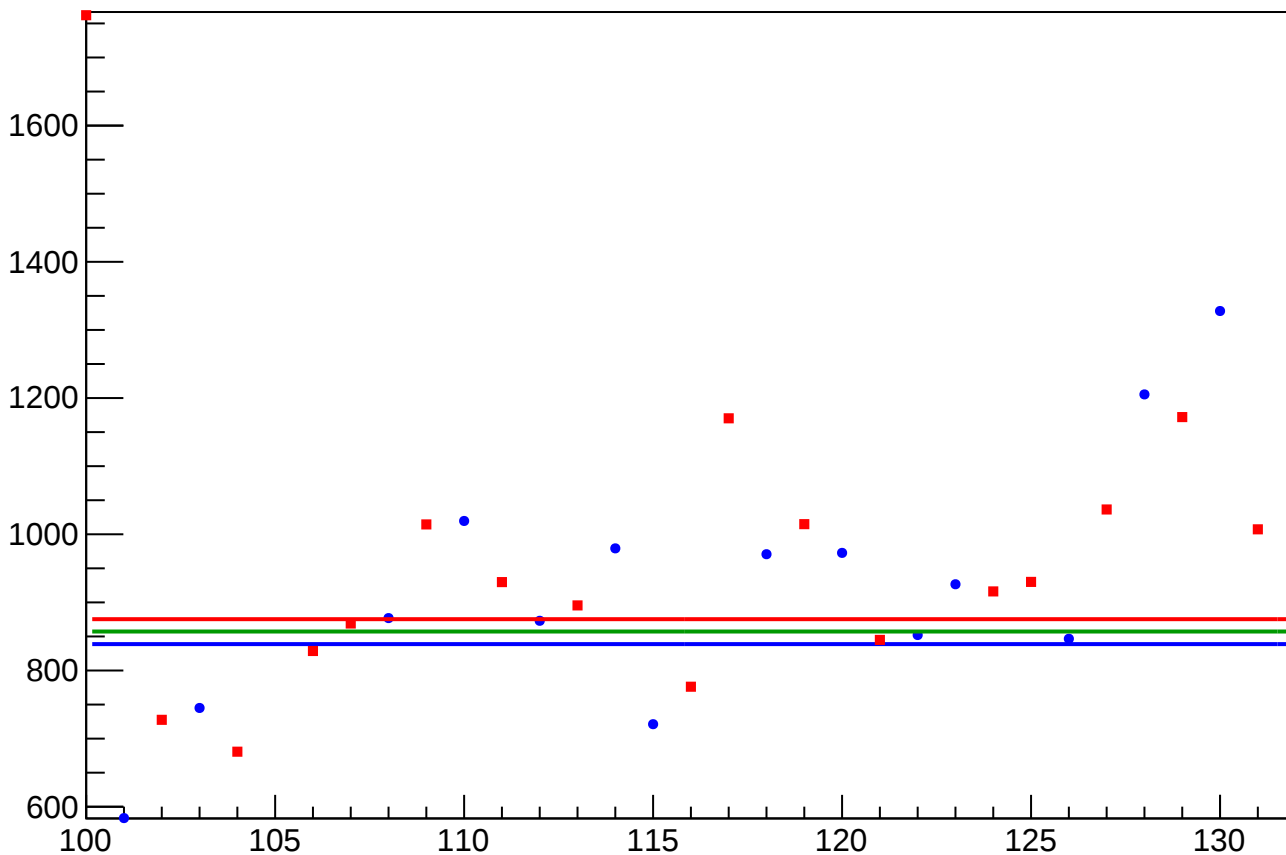
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-82.098 $\pm$ 364.647 χ^2 /NDF: 17.1/14

-364.209 $\pm$ 256.506 χ^2 /NDF: 31.3/31

-640.539 $\pm$ 360.891 χ^2 /NDF: 13.1/16

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 838.765 ± 0.258 χ^2/NDF : 557056.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 875.369 ± 0.255 χ^2/NDF : 308172.6/16

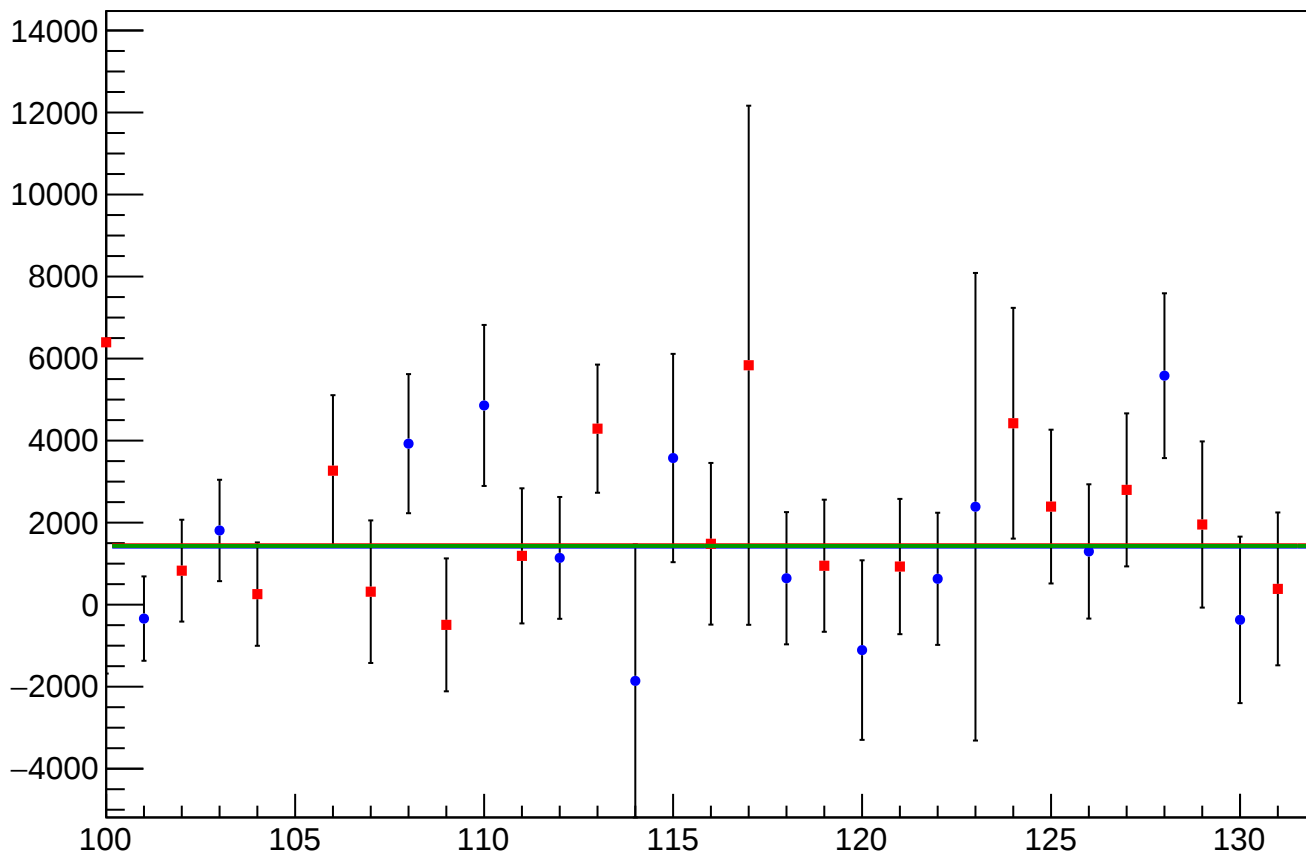
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

838.765 ± 0.258 χ^2/NDF : 557056.1/14

857.256 ± 0.181 χ^2/NDF : 875409.5/31

875.369 ± 0.255 χ^2/NDF : 308172.6/16

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1415.365+/-443.908 χ^2/NDF : 17.1/14

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

Right Out: 1448.257+/-432.568 χ^2/NDF : 10.6/16

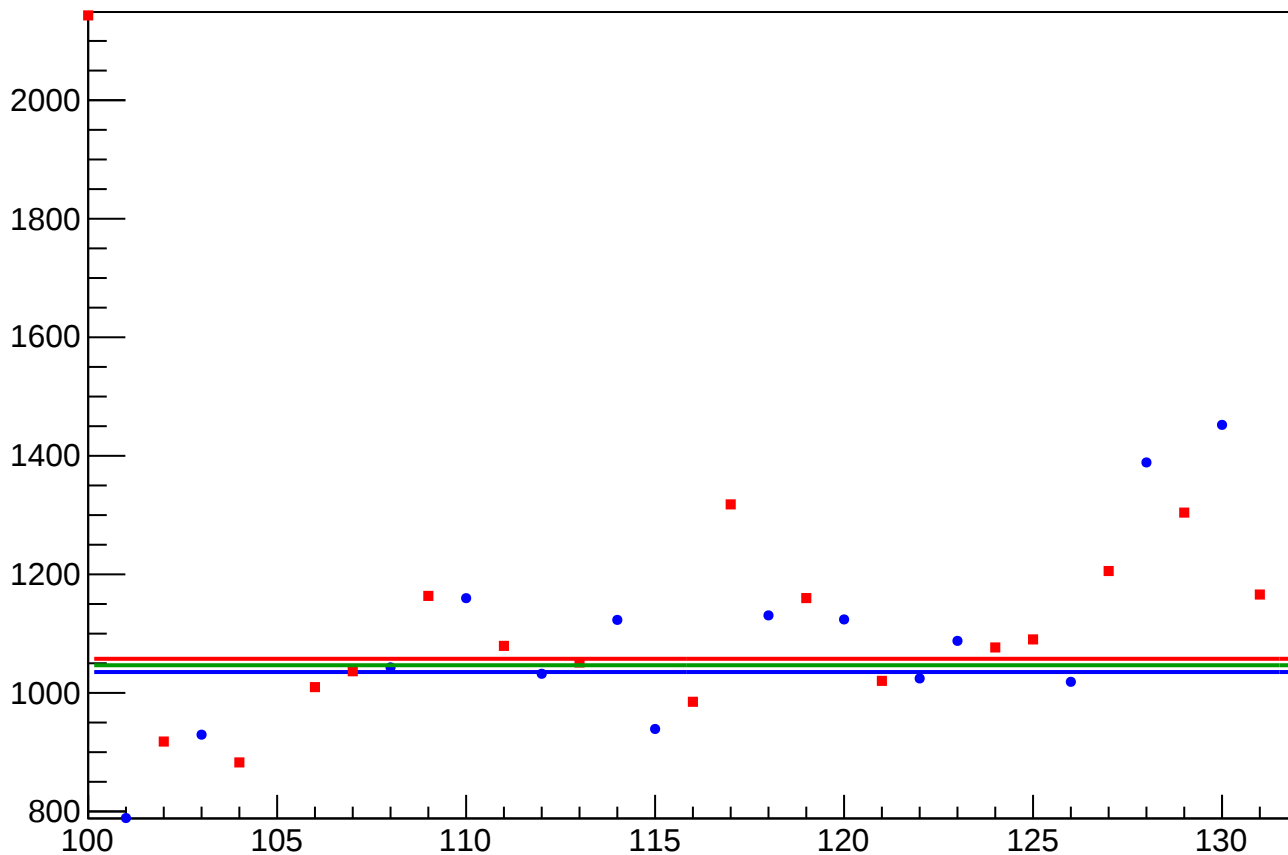
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1415.365+/-443.908 χ^2/NDF : 17.1/14

1432.236+/-309.803 χ^2/NDF : 27.8/31

1448.257+/-432.568 χ^2/NDF : 10.6/16

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 1035.208+/-0.314 χ^2/NDF : 309555.7/14

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

Right Out: 1057.553+/-0.306 χ^2/NDF : 175439.1/16

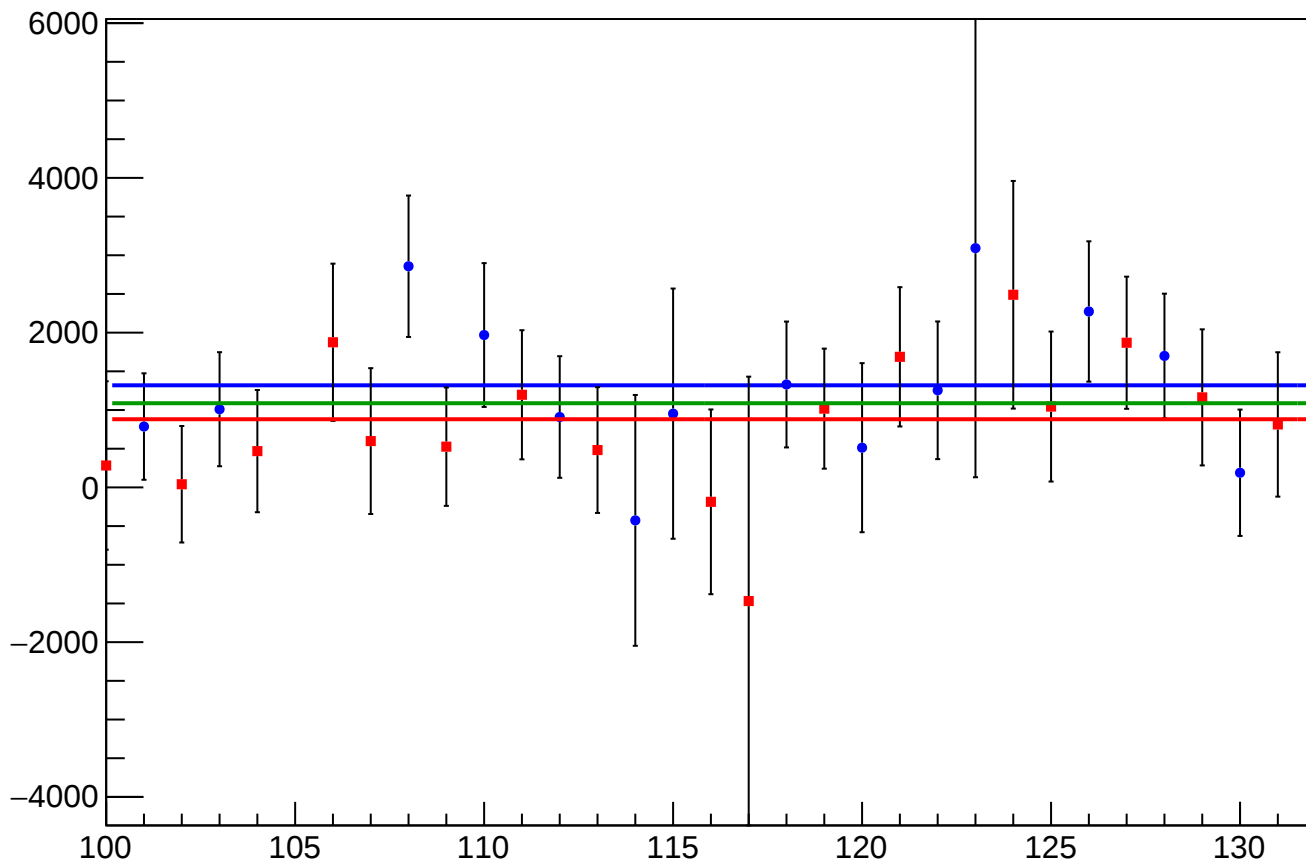
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1035.208+/-0.314 χ^2/NDF : 309555.7/14

1046.670+/-0.219 χ^2/NDF : 487594.2/31

1057.553+/-0.306 χ^2/NDF : 175439.1/16

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1319.373 $\pm$ 236.479 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 880.898 $\pm$ 223.490 χ^2 /NDF: 8.4/16

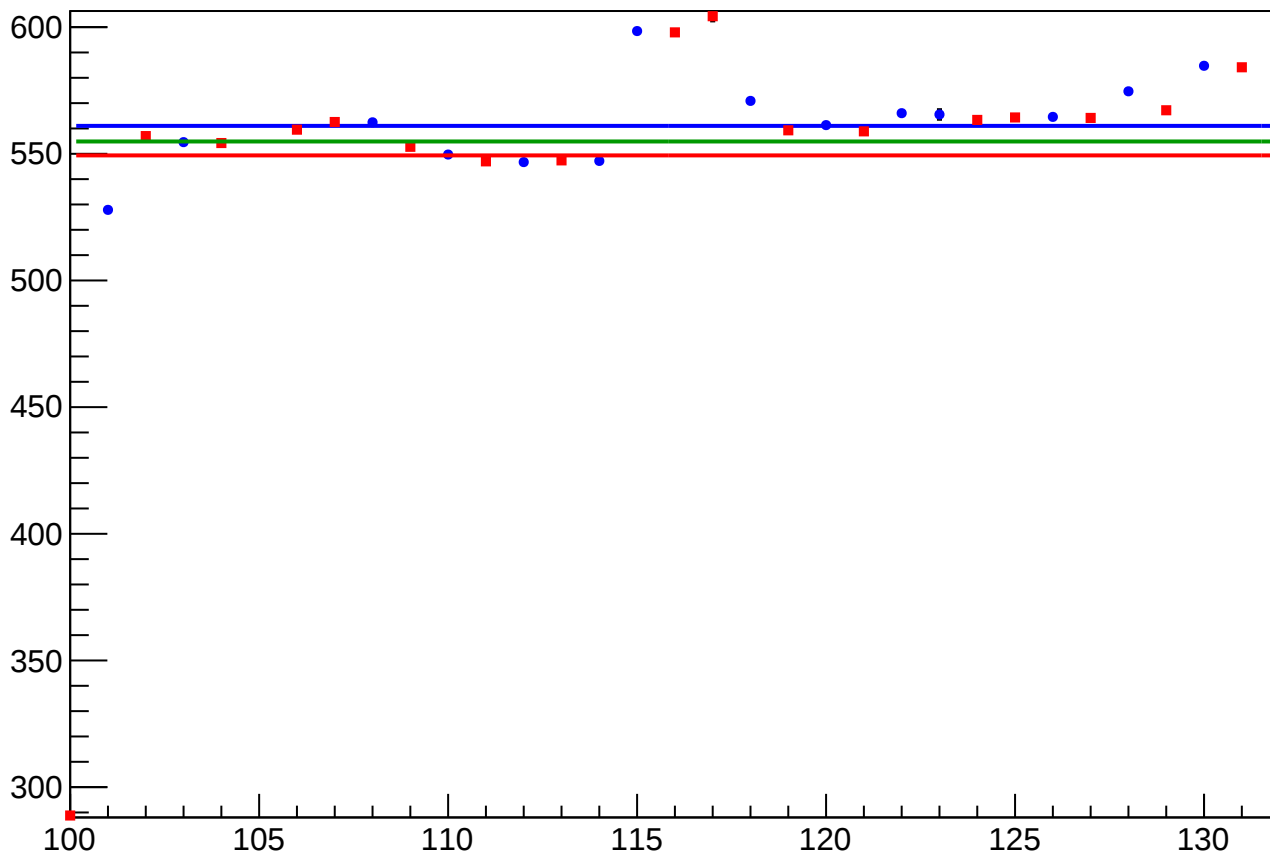
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1319.373 $\pm$ 236.479 χ^2 /NDF: 10.7/14

1087.763 $\pm$ 162.429 χ^2 /NDF: 20.9/31

880.898 $\pm$ 223.490 χ^2 /NDF: 8.4/16

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 561.025 $\pm$ 0.167 χ^2 /NDF: 10623.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 549.371 $\pm$ 0.158 χ^2 /NDF: 124982.5/16

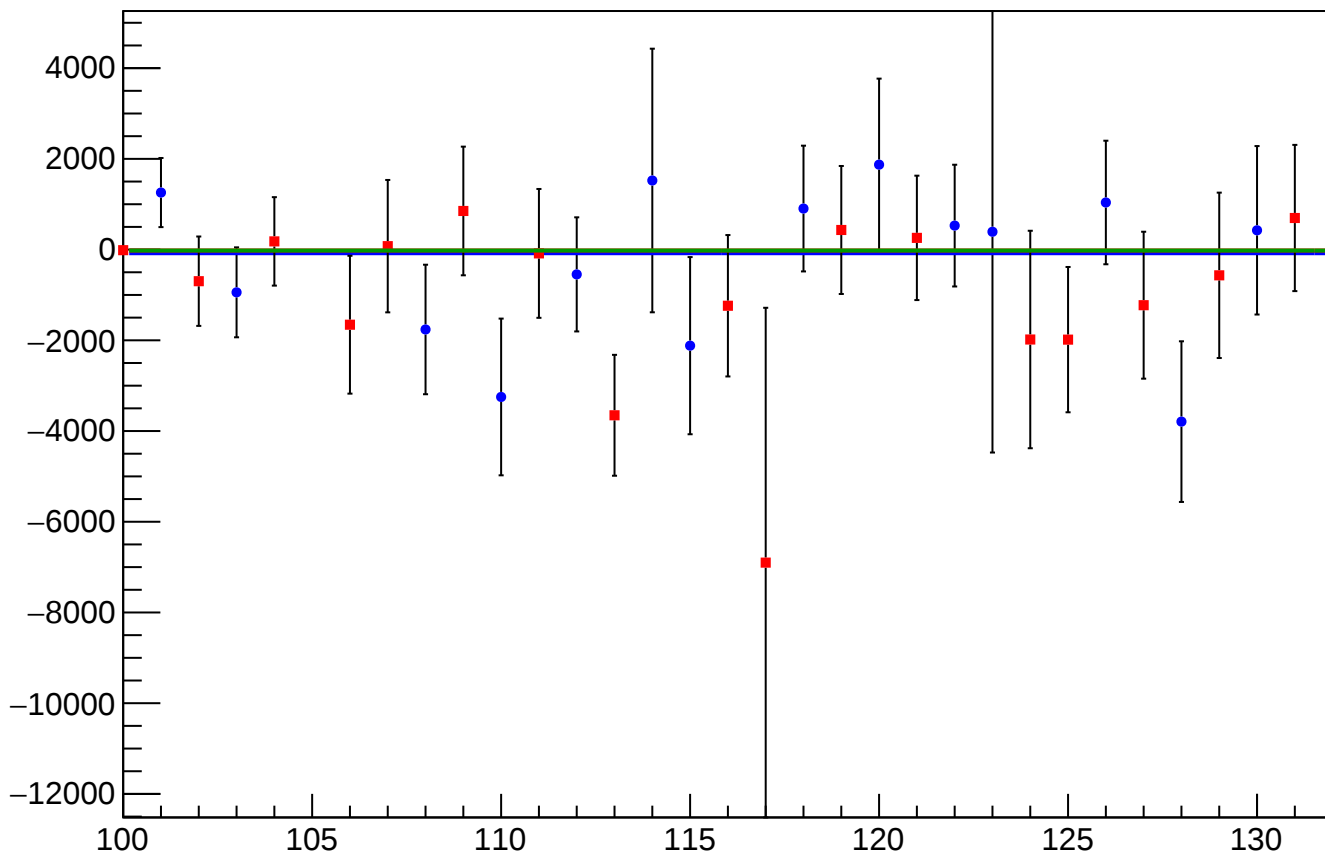
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

561.025 $\pm$ 0.167 χ^2 /NDF: 10623.3/14

554.869 $\pm$ 0.115 χ^2 /NDF: 138171.8/31

549.371 $\pm$ 0.158 χ^2 /NDF: 124982.5/16

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -80.038 $\pm$ 364.748 χ^2 /NDF: 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.070 $\pm$ 38.995 χ^2 /NDF: 14.8/16

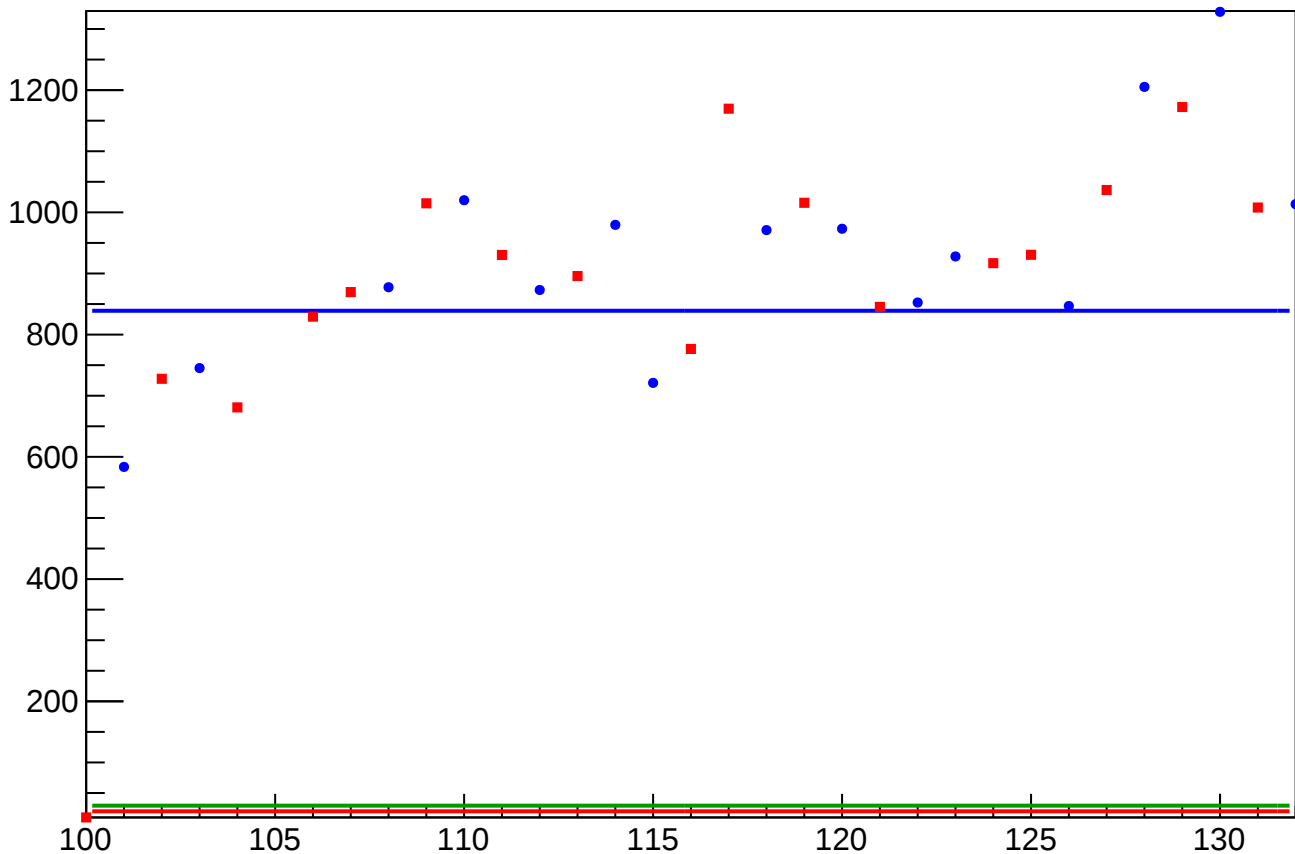
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-80.038 $\pm$ 364.748 χ^2 /NDF: 17.1/14

-20.747 $\pm$ 38.774 χ^2 /NDF: 31.9/31

-20.070 $\pm$ 38.995 χ^2 /NDF: 14.8/16

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 838.996+/-0.258 χ^2/NDF : 556992.9/14

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

Right Out: 20.082+/-0.028 χ^2/NDF : 11535067.4/16

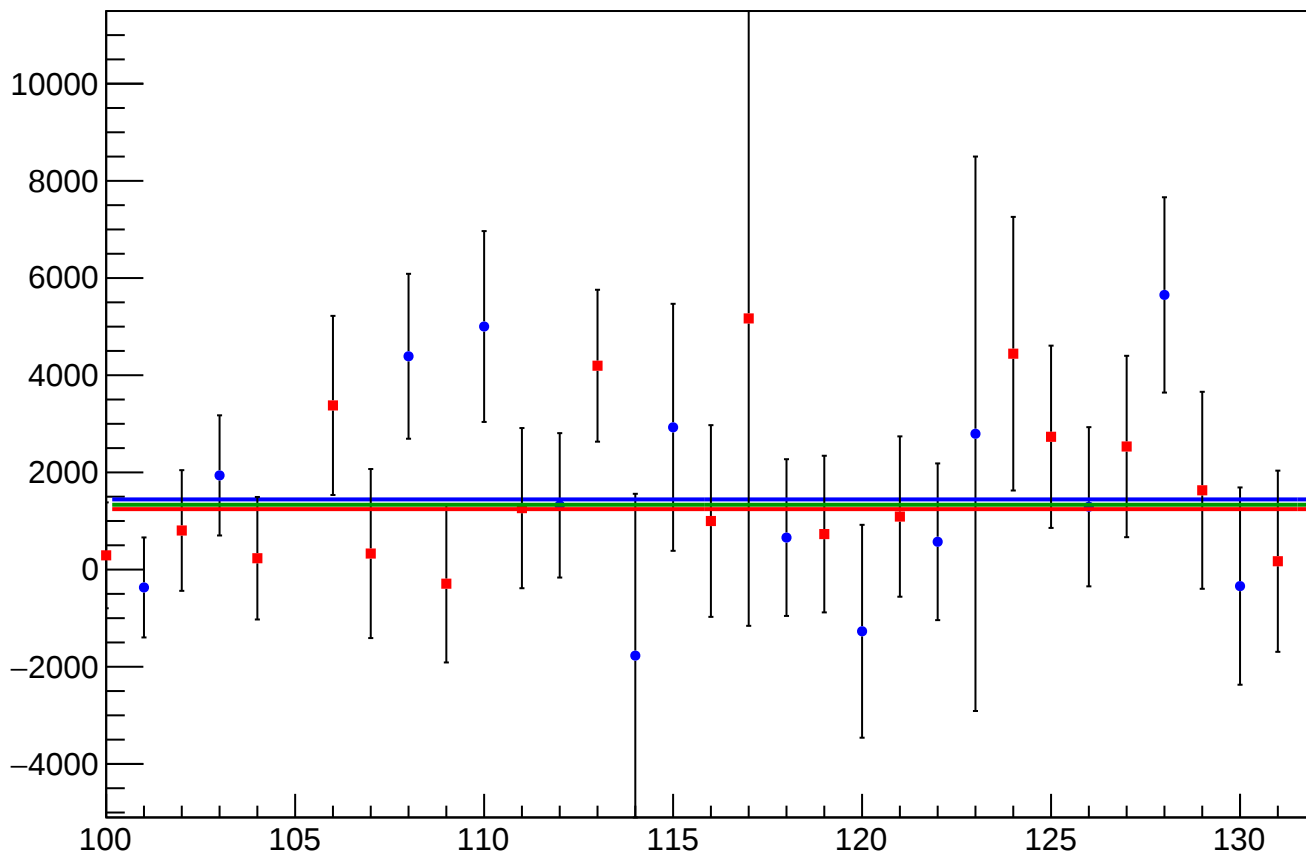
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

838.996+/-0.258 χ^2/NDF : 556992.9/14

29.336+/-0.027 χ^2/NDF : 22059539.1/31

20.082+/-0.028 χ^2/NDF : 11535067.4/16

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1444.171+/-444.153 χ^2/NDF : 18.2/14

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

Right Out: 1244.120+/-402.744 χ^2/NDF : 10.9/16

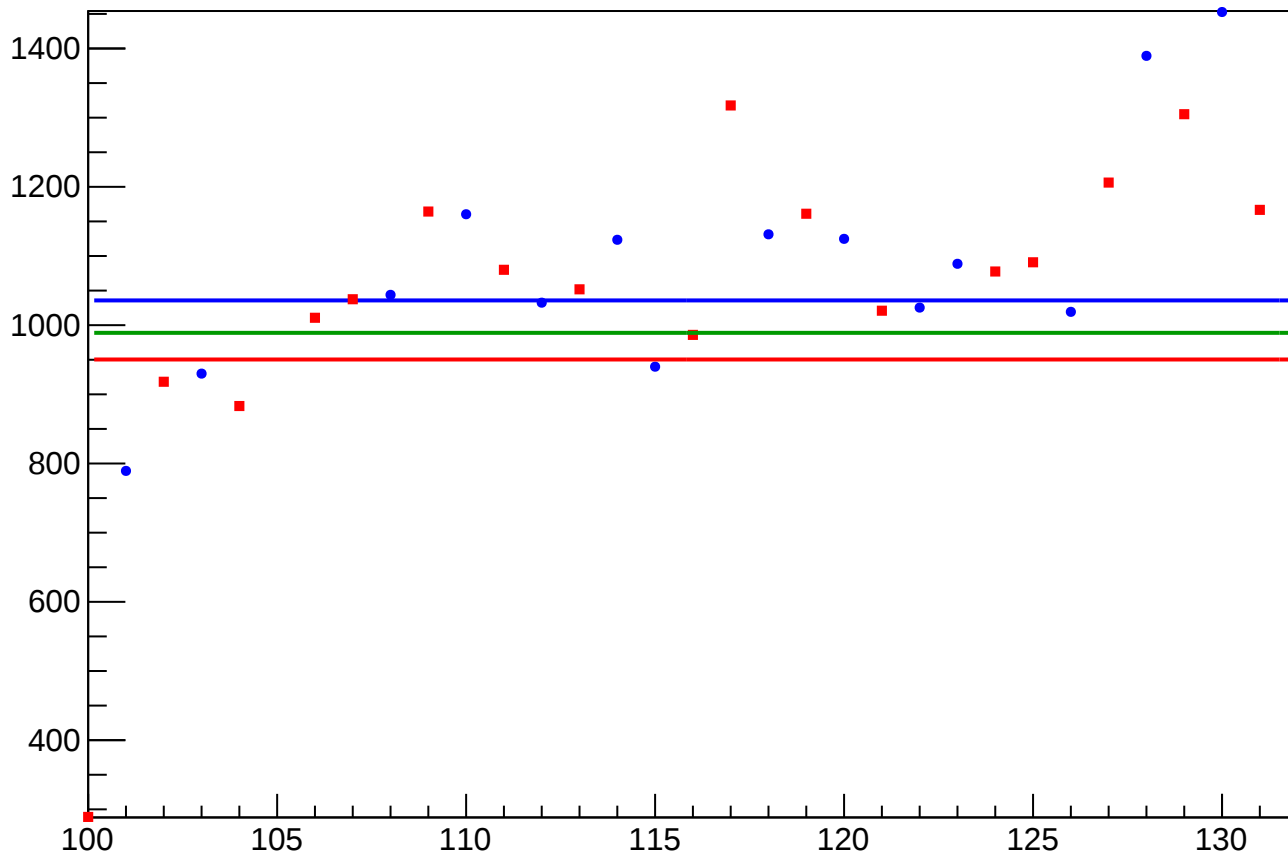
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1444.171+/-444.153 χ^2/NDF : 18.2/14

1334.387+/-298.351 χ^2/NDF : 29.2/31

1244.120+/-402.744 χ^2/NDF : 10.9/16

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 1035.786 $\pm$ 0.314 χ^2 /NDF: 309455.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 950.376 $\pm$ 0.285 χ^2 /NDF: 993066.7/16

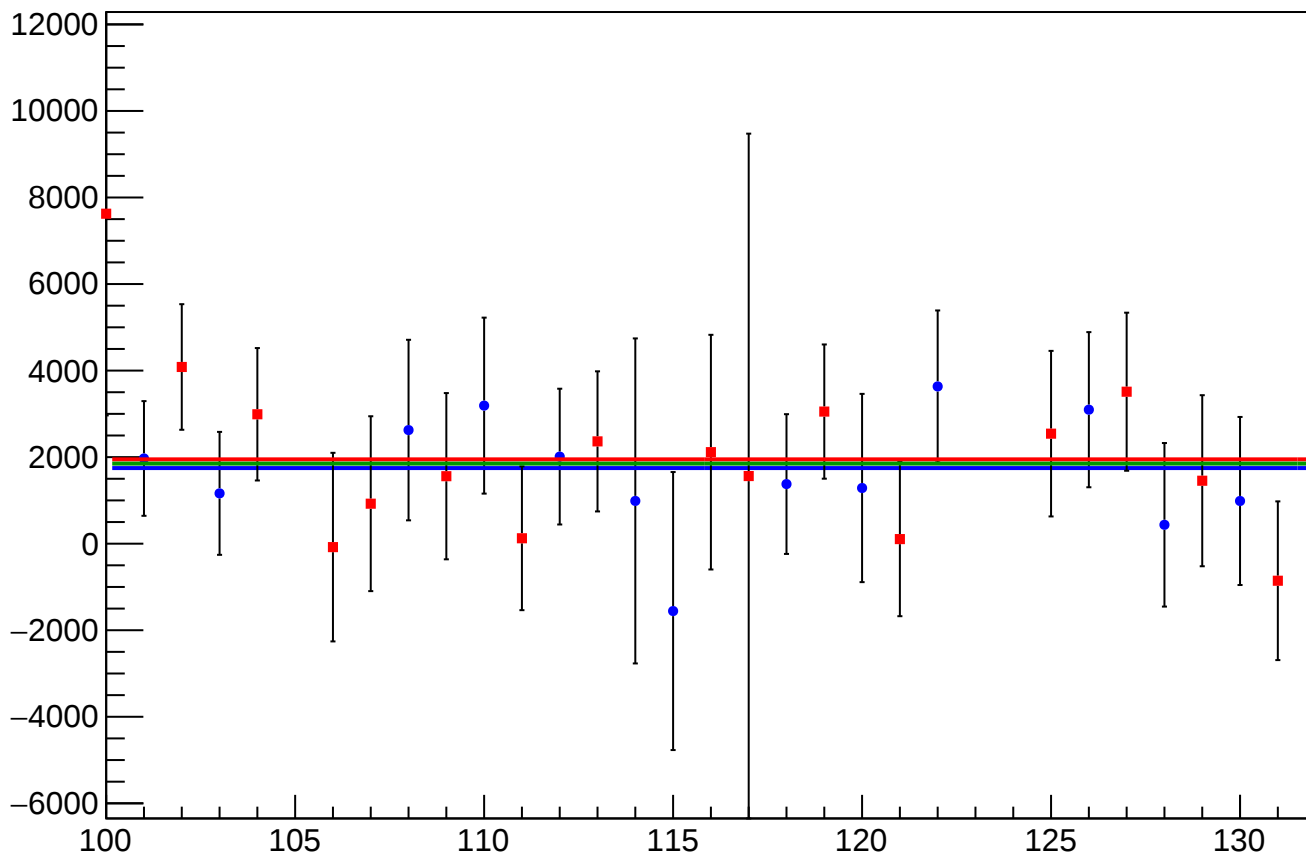
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1035.786 $\pm$ 0.314 χ^2 /NDF: 309455.3/14

988.915 $\pm$ 0.211 χ^2 /NDF: 1343107.5/31

950.376 $\pm$ 0.285 χ^2 /NDF: 993066.7/16

cor_usl_mean vs Slug, Sign Corrected



Right In: 1747.160+/-487.868 χ^2/NDF : 4.8/13

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

Right Out: 1948.682+/-475.254 χ^2/NDF : 11.4/15

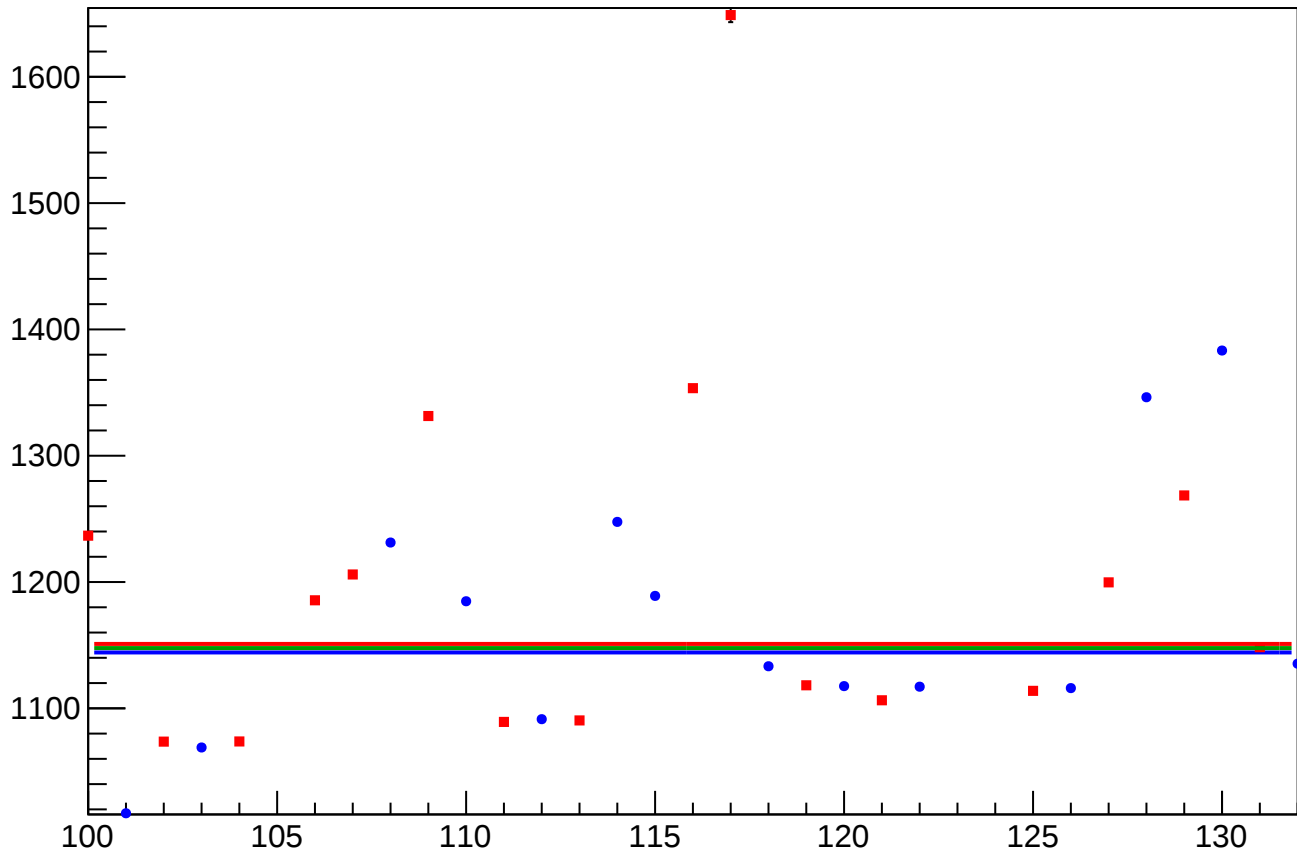
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1747.160+/-487.868 χ^2/NDF : 4.8/13

1850.560+/-340.427 χ^2/NDF : 16.3/29

1948.682+/-475.254 χ^2/NDF : 11.4/15

cor_usl_rms vs Slug, Sign Corrected



Right In: 1144.243+/-0.345 χ^2/NDF : 87107.5/13

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

Right Out: 1150.993+/-0.336 χ^2/NDF : 67122.2/15

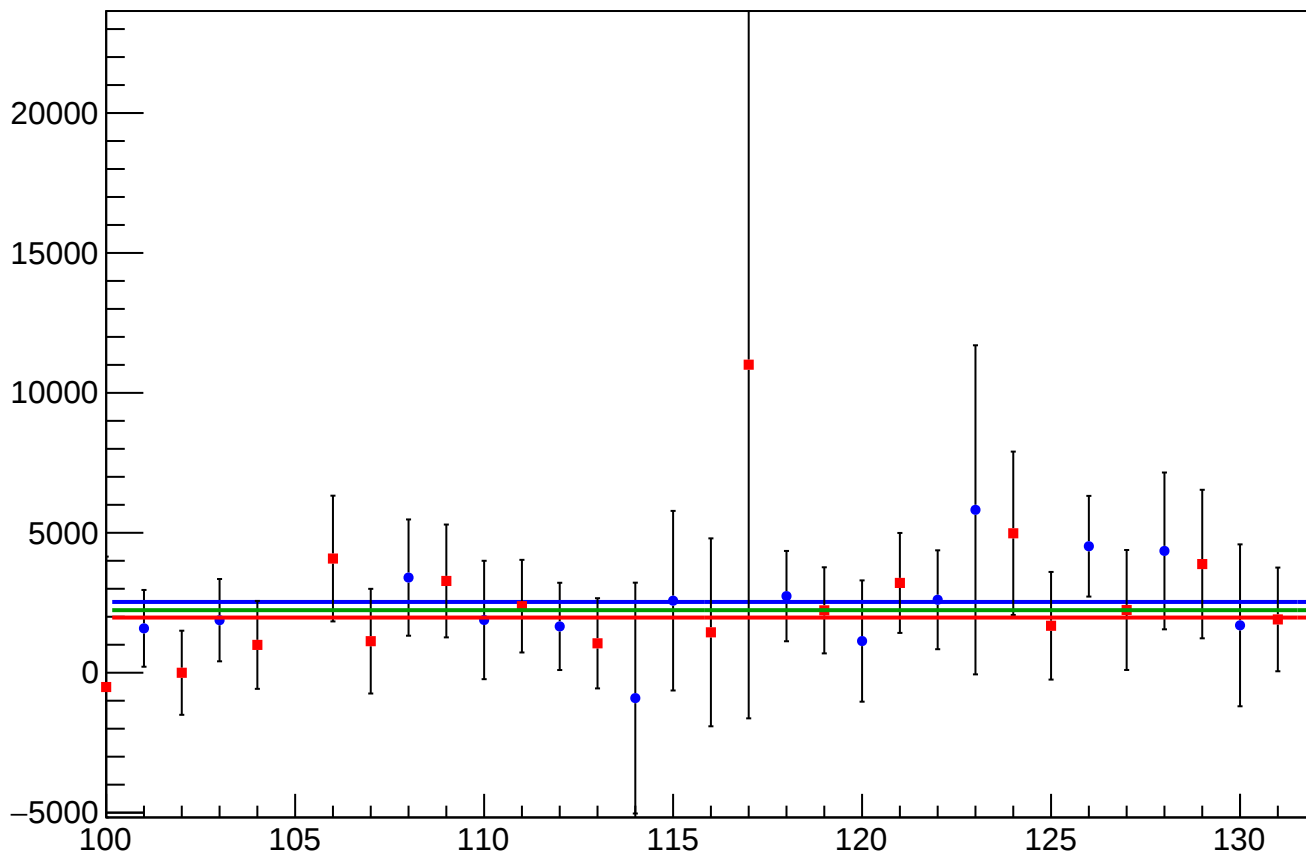
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1144.243+/-0.345 χ^2/NDF : 87107.5/13

1147.707+/-0.241 χ^2/NDF : 154426.1/29

1150.993+/-0.336 χ^2/NDF : 67122.2/15

cor_usr_mean vs Slug, Sign Corrected



Right In: 2528.948 $\pm$ 511.407 χ^2 /NDF: 5.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1971.468 $\pm$ 485.402 χ^2 /NDF: 7.0/16

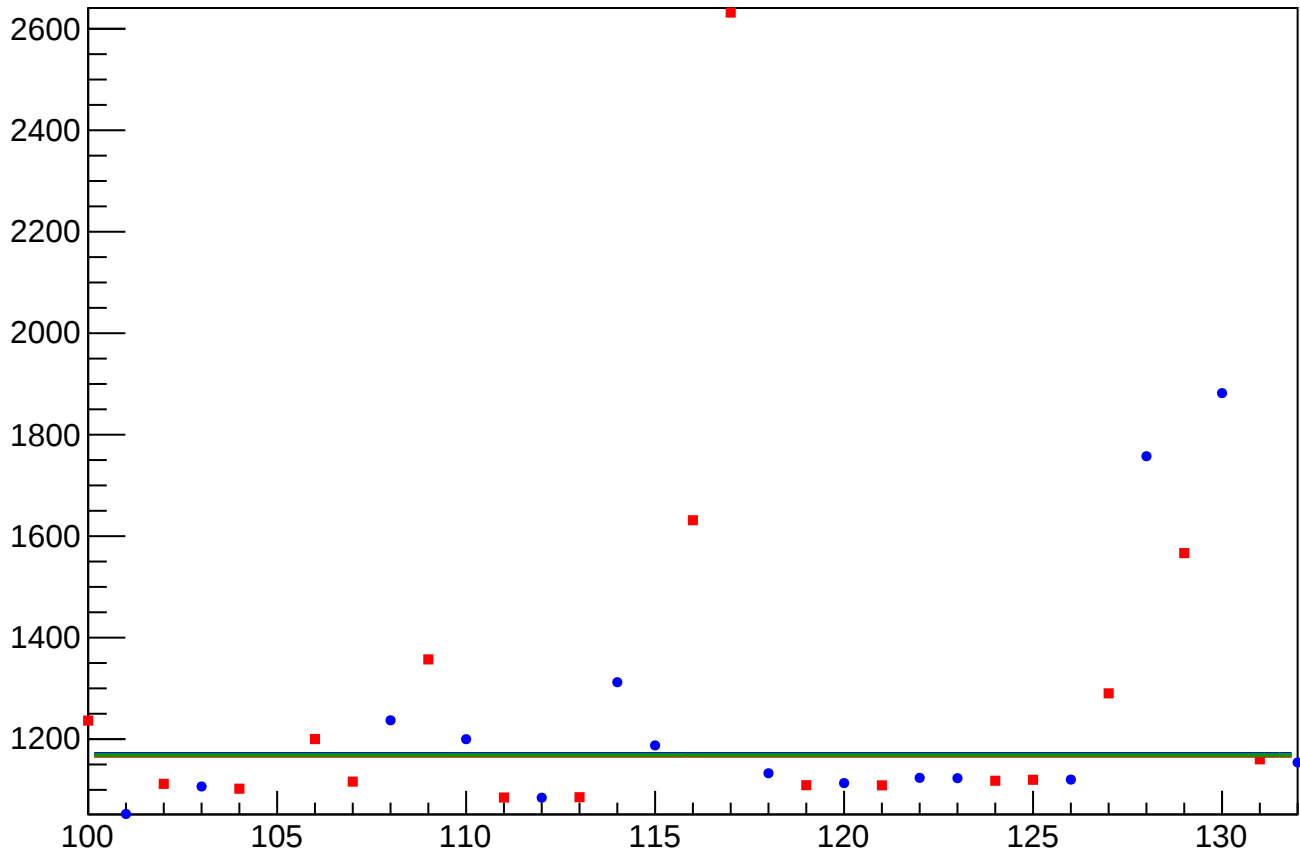
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2528.948 $\pm$ 511.407 χ^2 /NDF: 5.8/14

2235.674 $\pm$ 352.066 χ^2 /NDF: 13.4/31

1971.468 $\pm$ 485.402 χ^2 /NDF: 7.0/16

cor_usr_rms vs Slug, Sign Corrected



Right In: 1170.633+/-0.362 χ^2/NDF : 244051.0/14

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

Right Out: 1167.181+/-0.343 χ^2/NDF : 160108.6/16

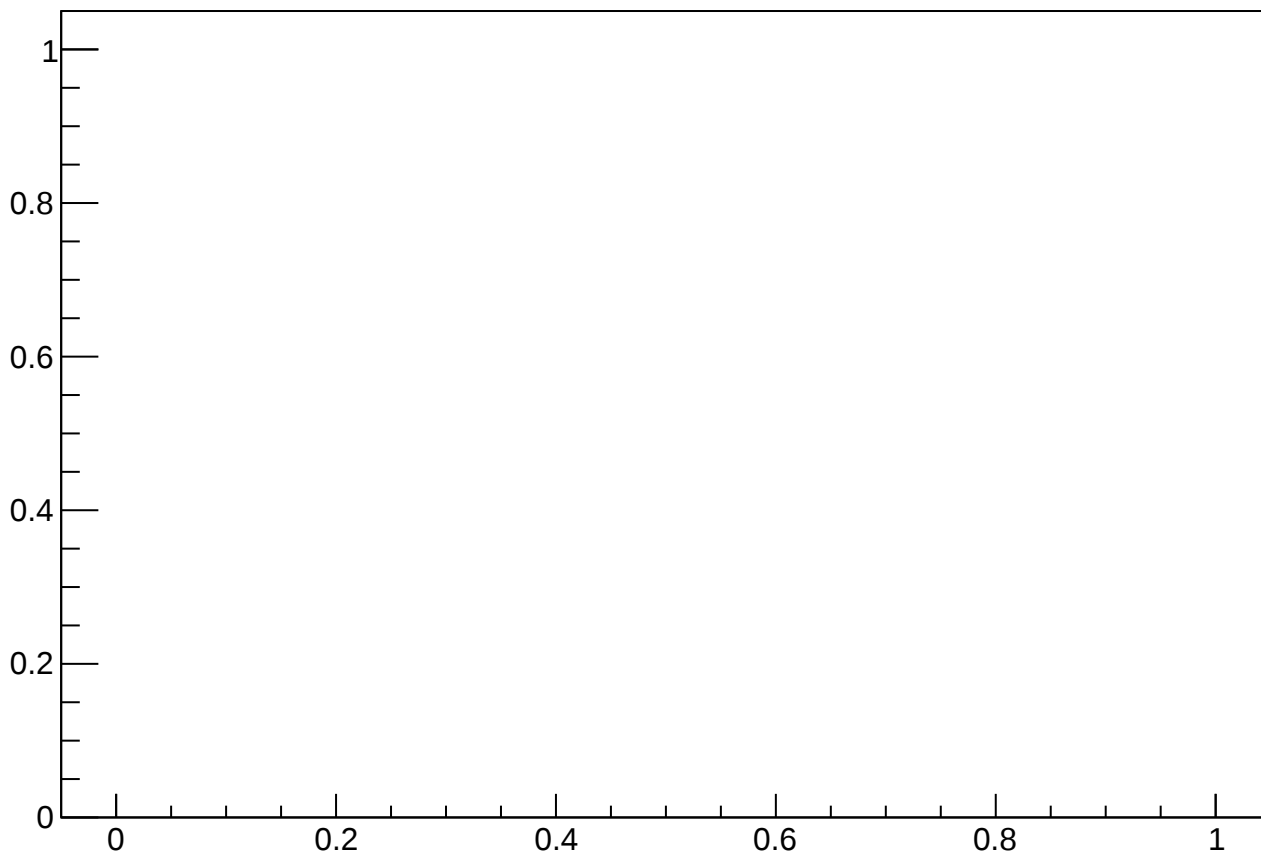
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1170.633+/-0.362 χ^2/NDF : 244051.0/14

1168.817+/-0.249 χ^2/NDF : 404207.5/31

1167.181+/-0.343 χ^2/NDF : 160108.6/16

cor_dsl_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

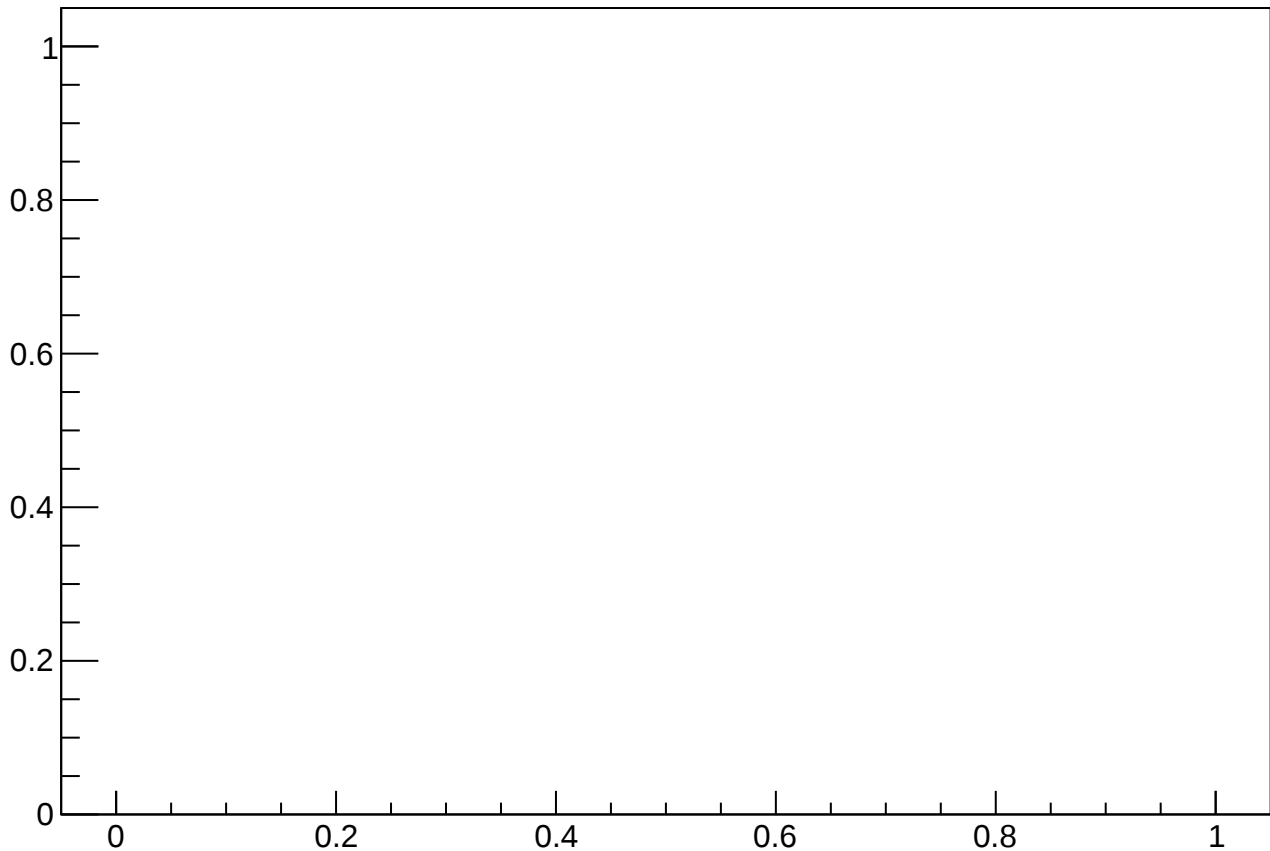
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

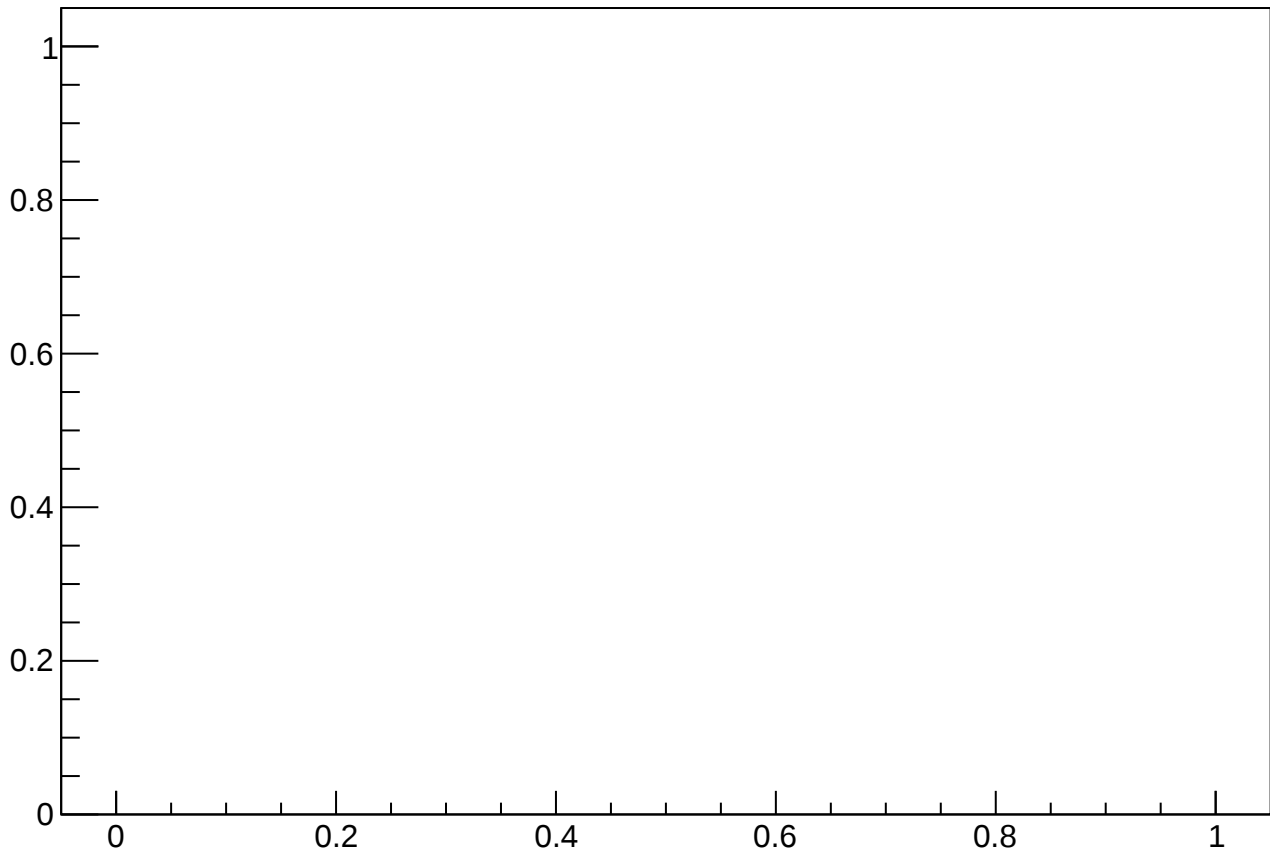
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

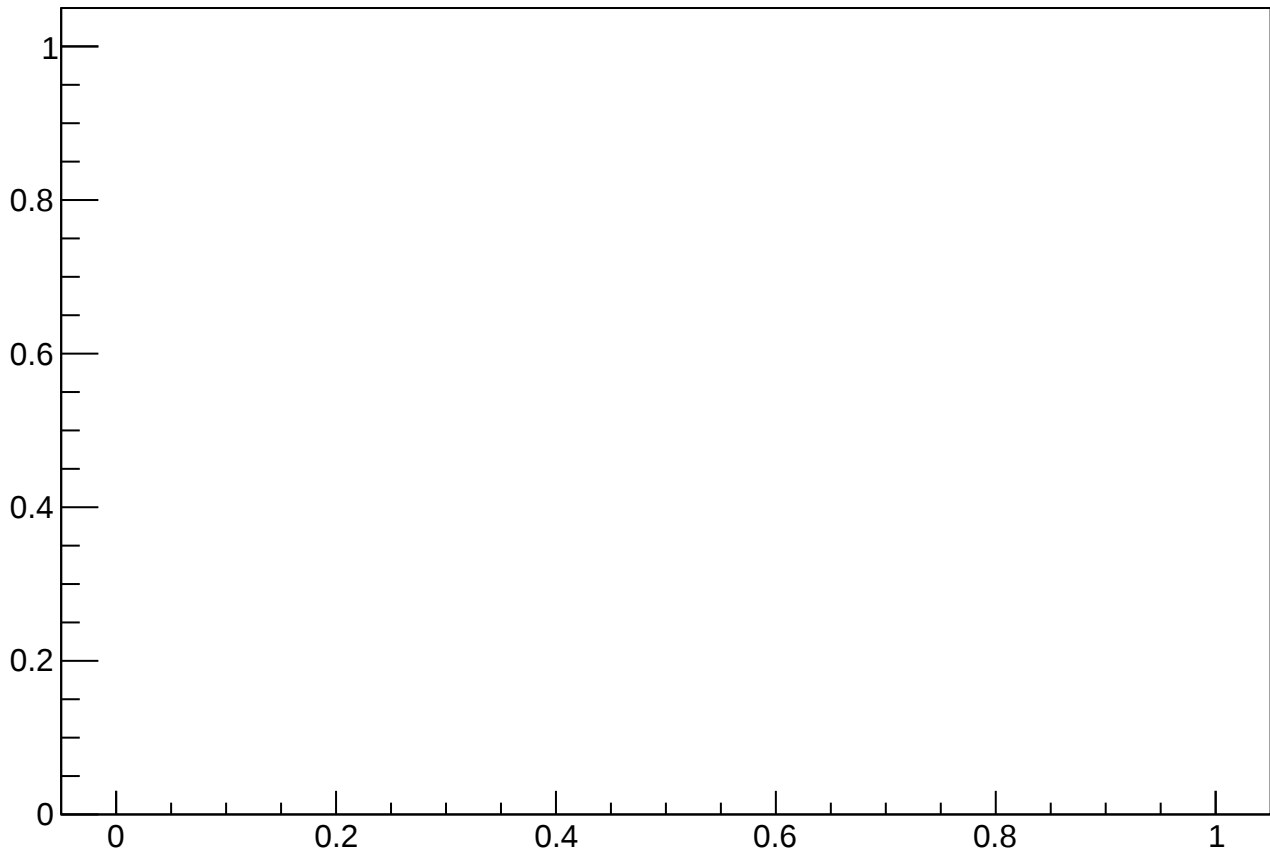
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

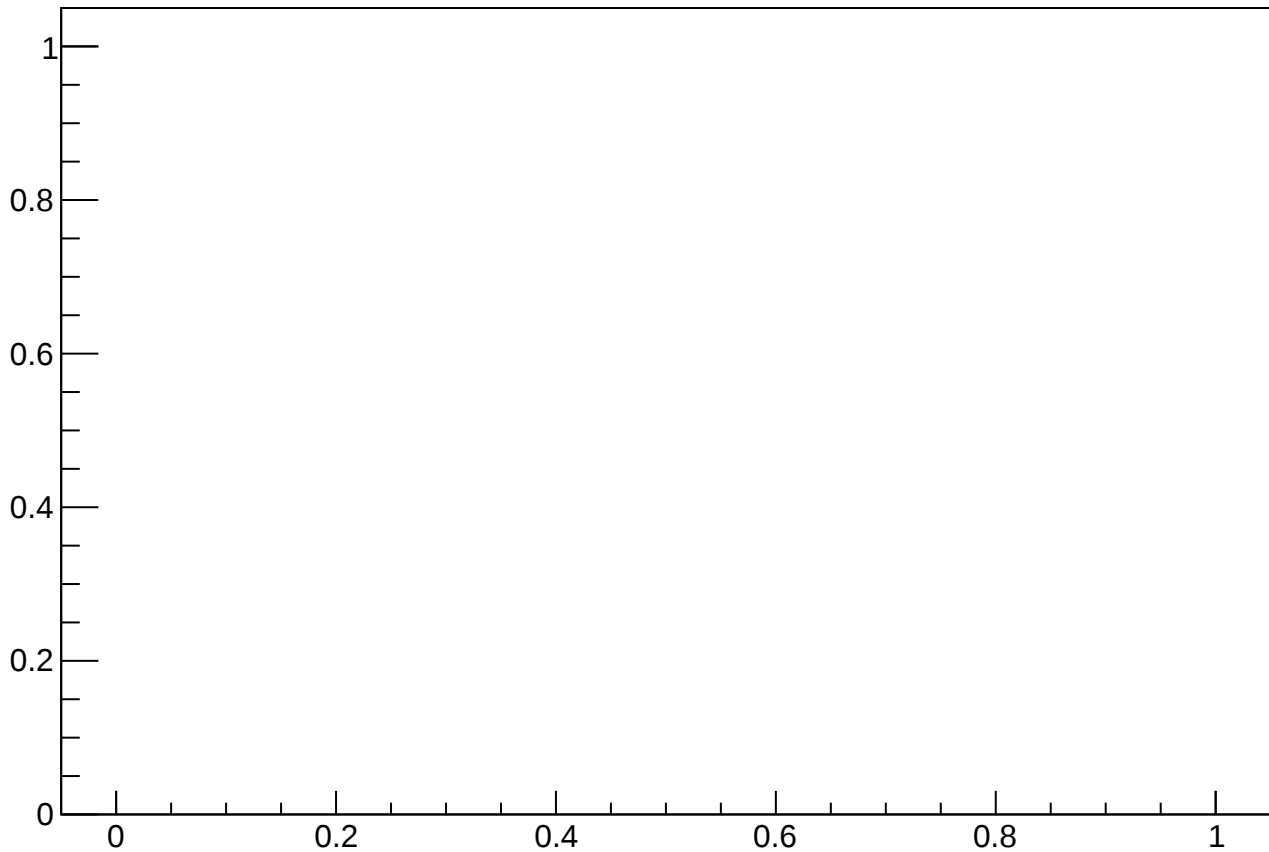
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

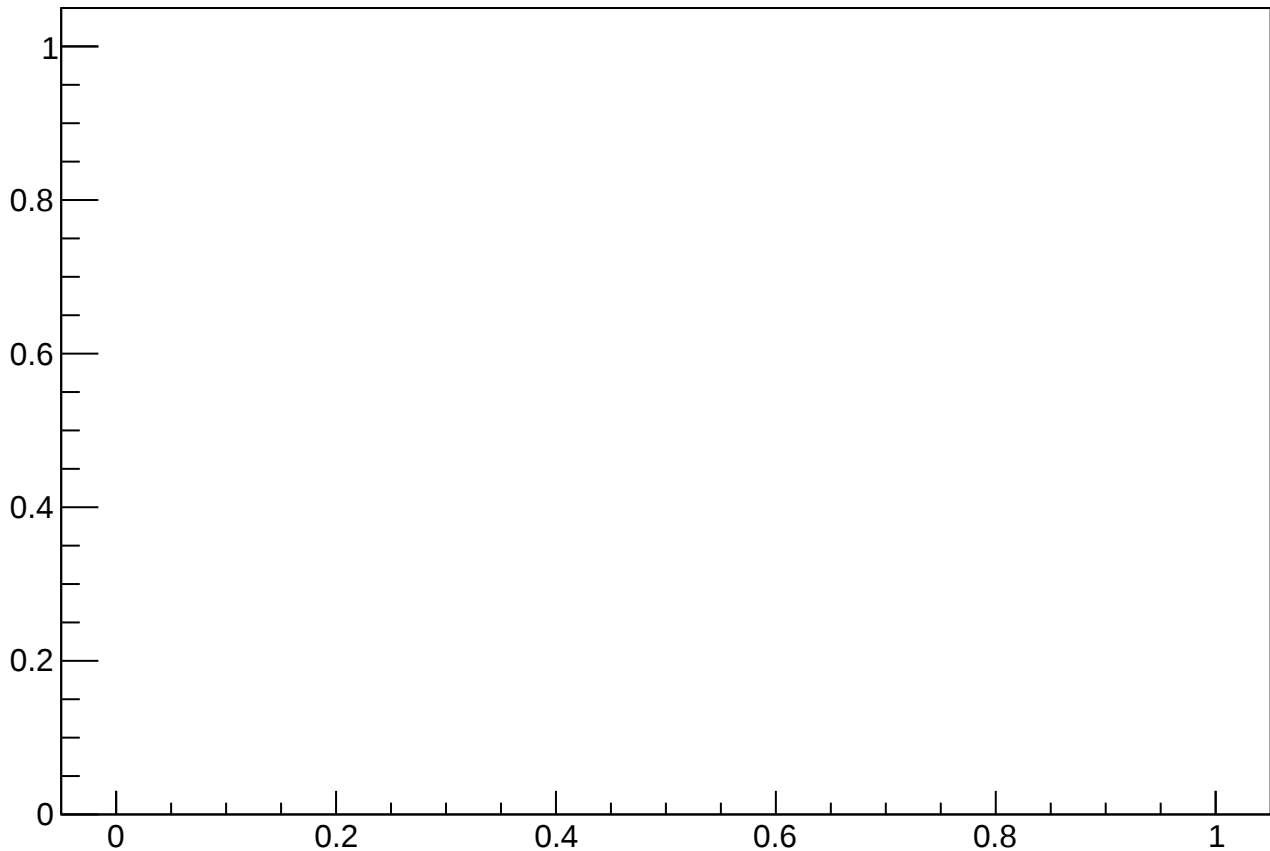
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

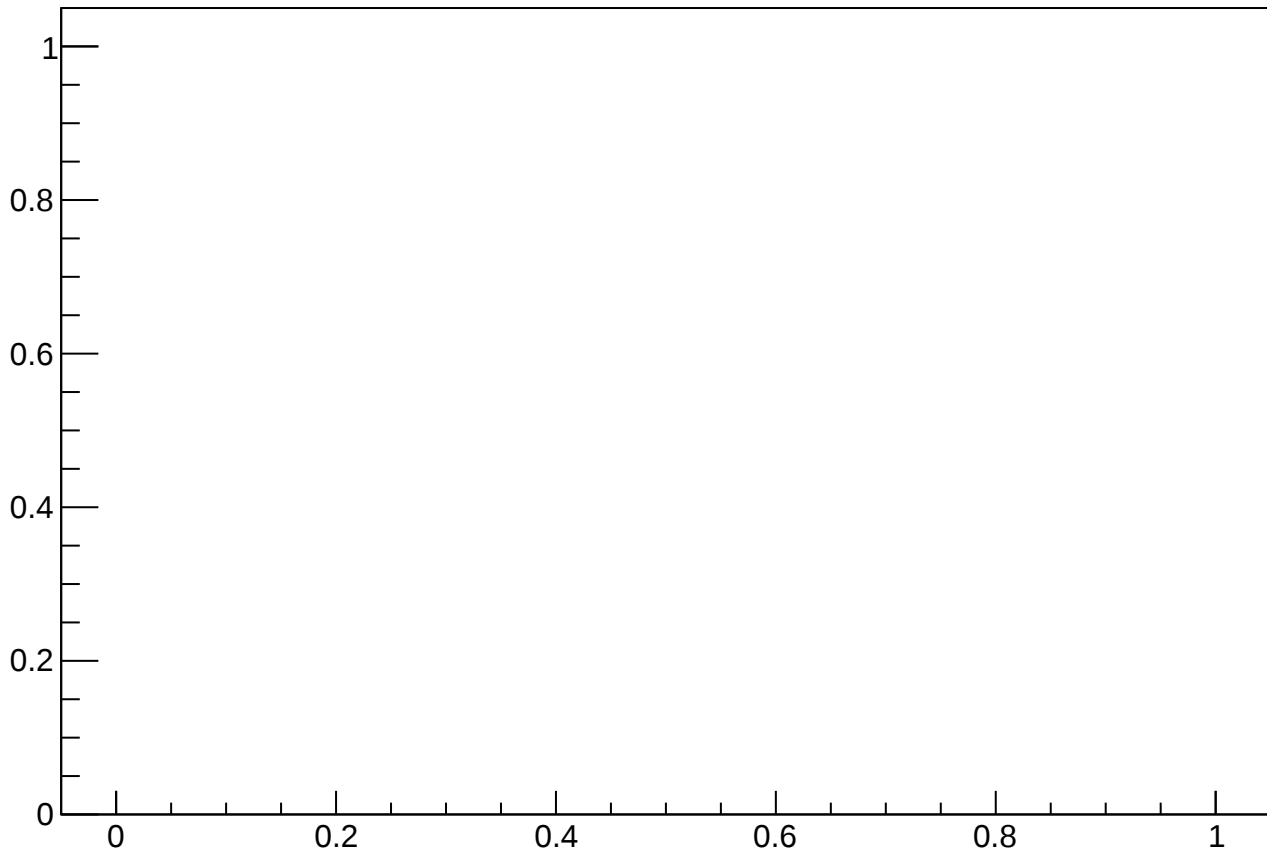
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

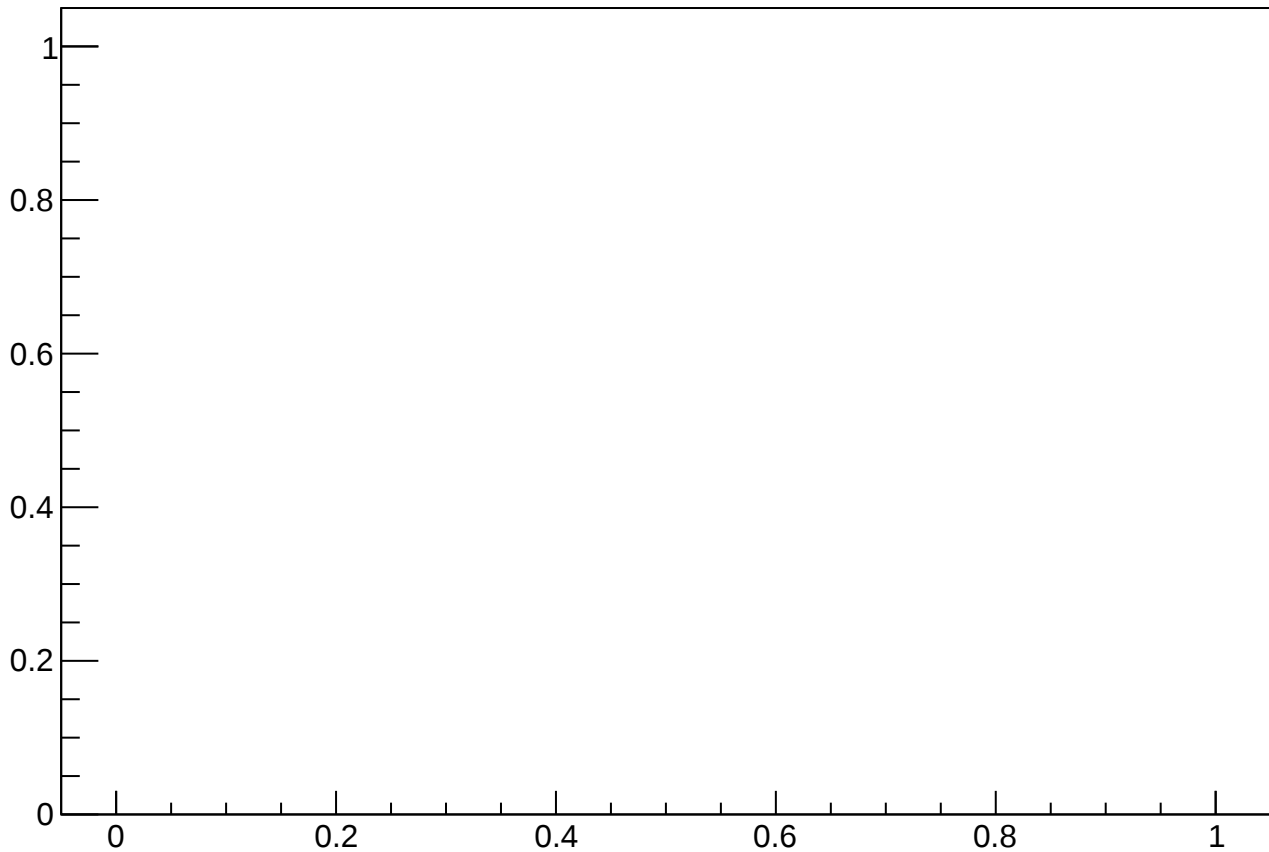
cor_us_dd_mean vs Slug, Sign Corrected



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

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

cor_us_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

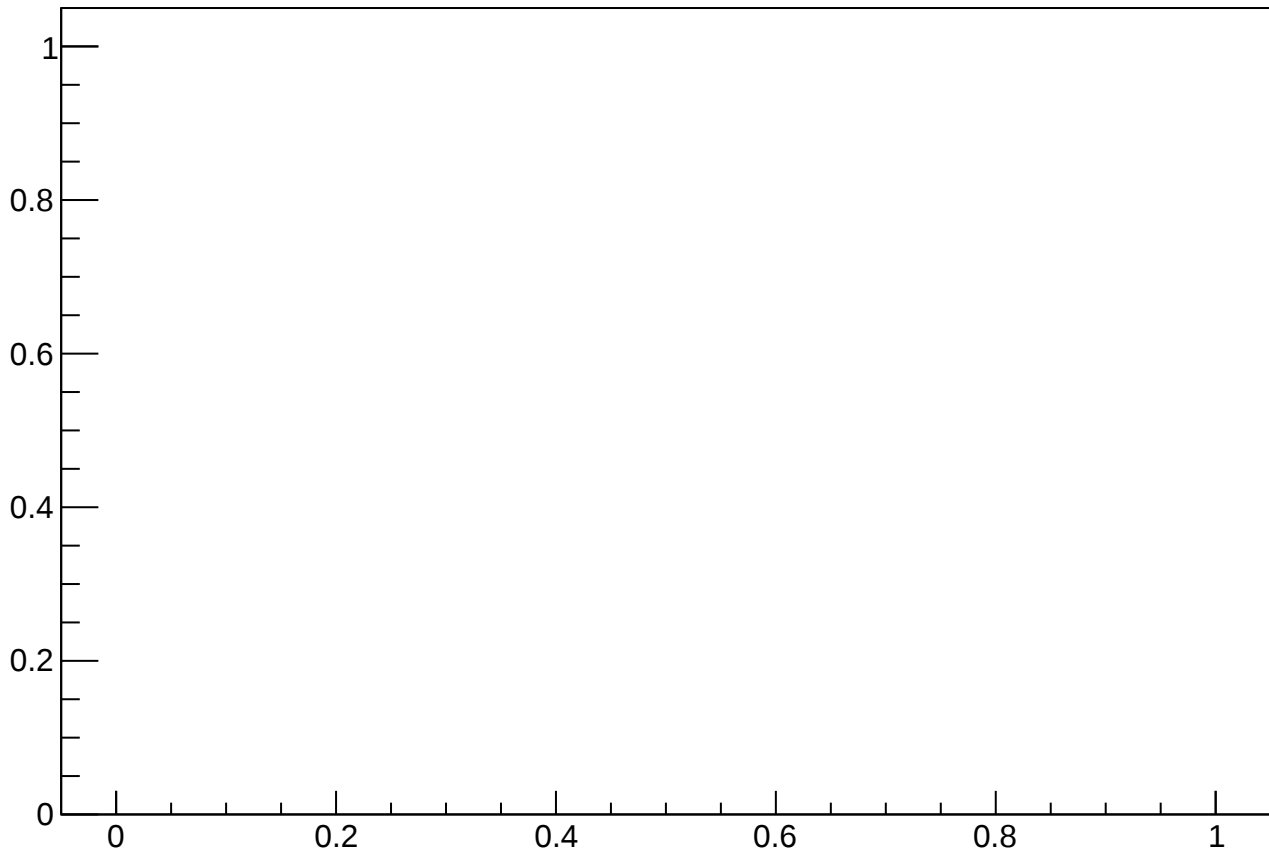
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_ds_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

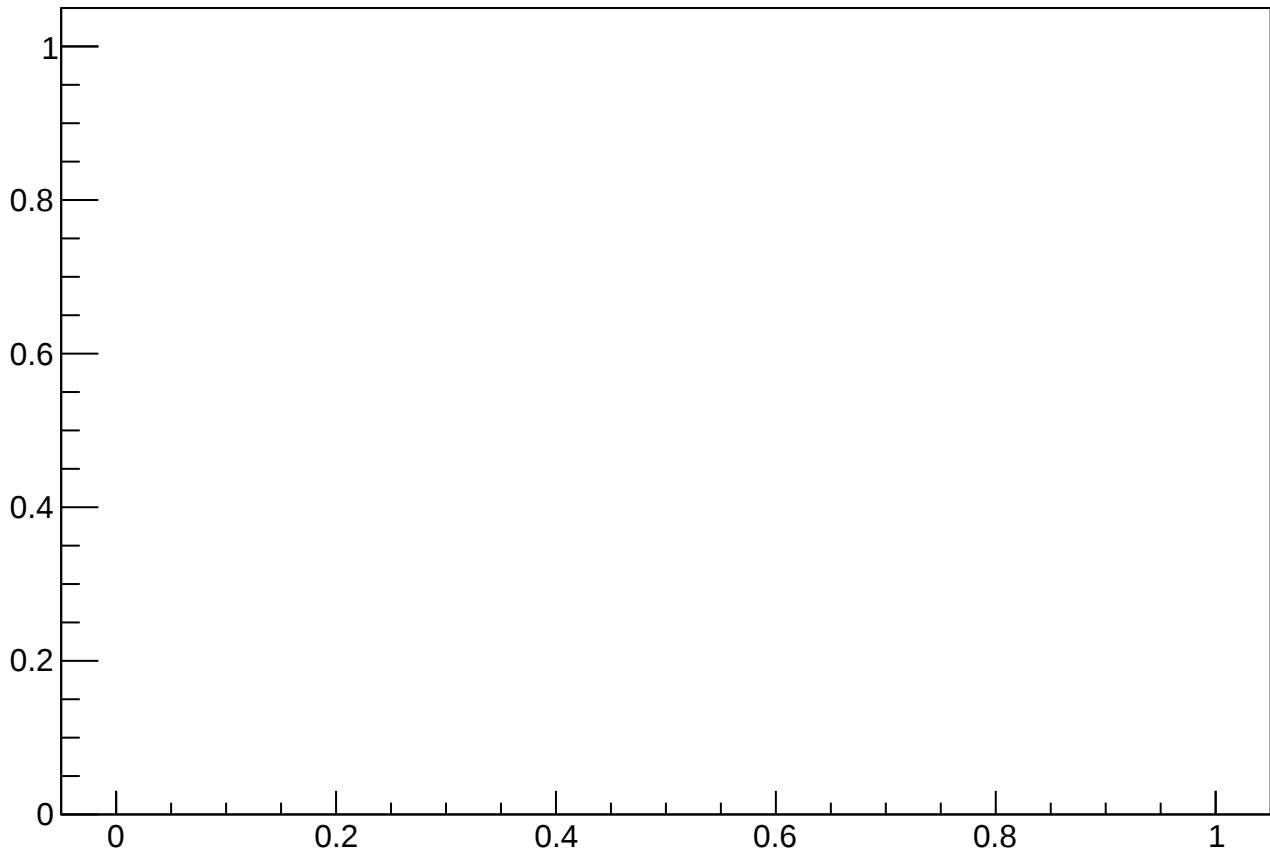
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

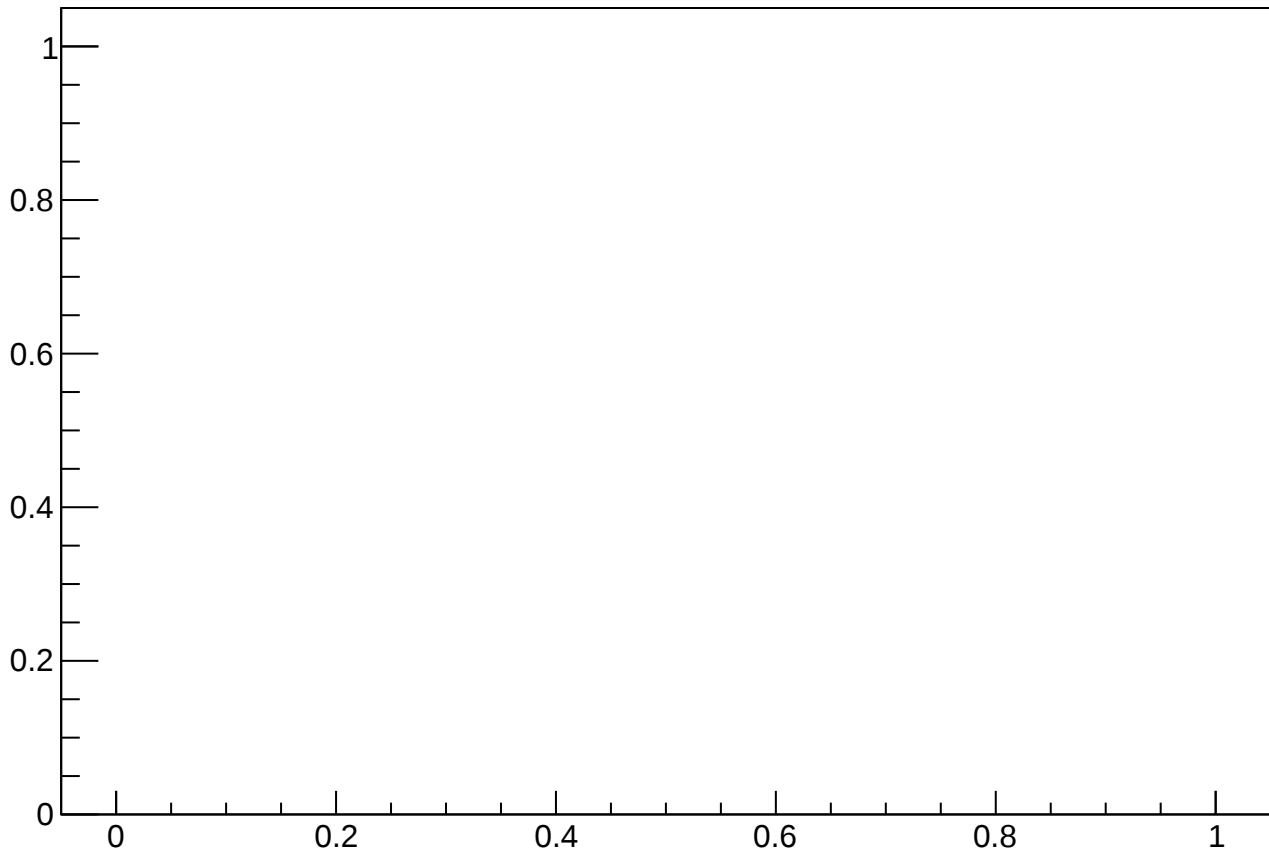
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

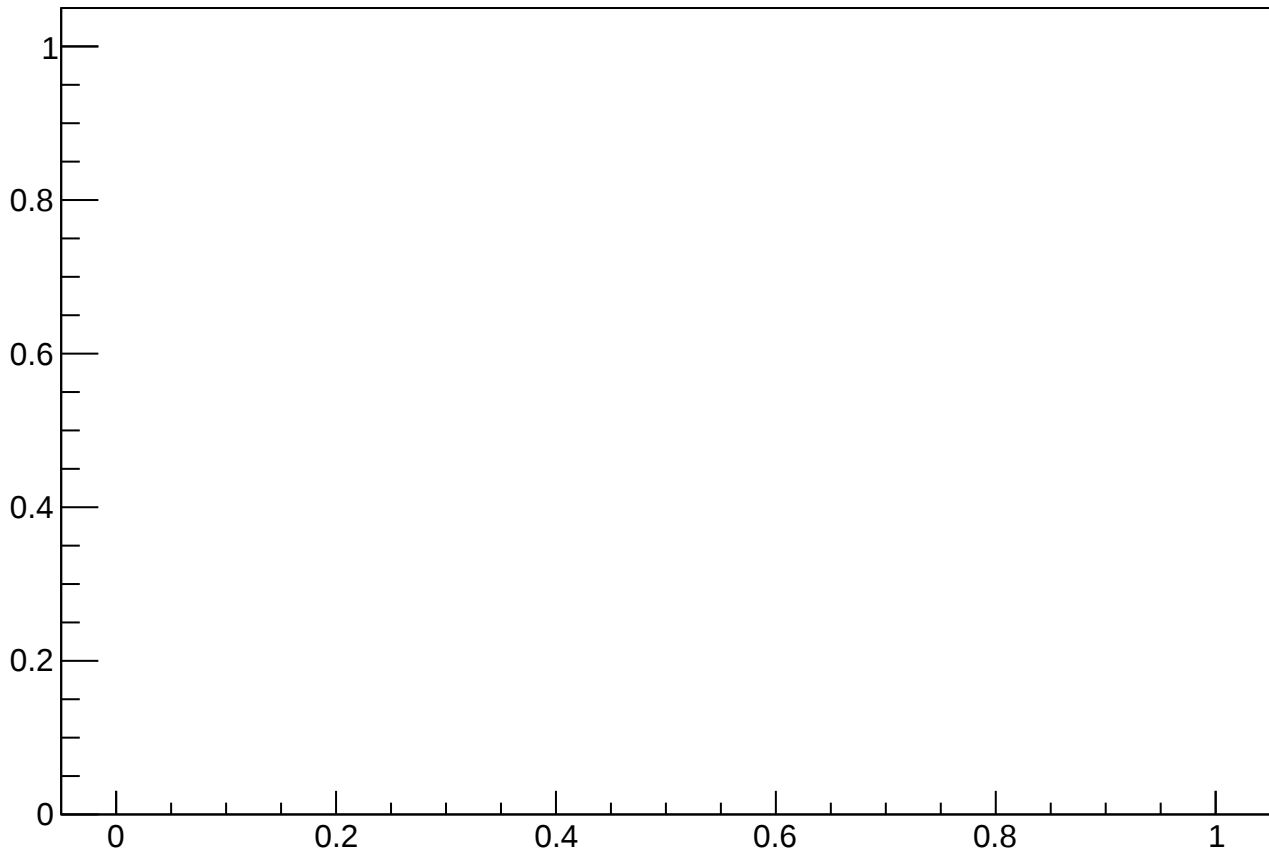
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

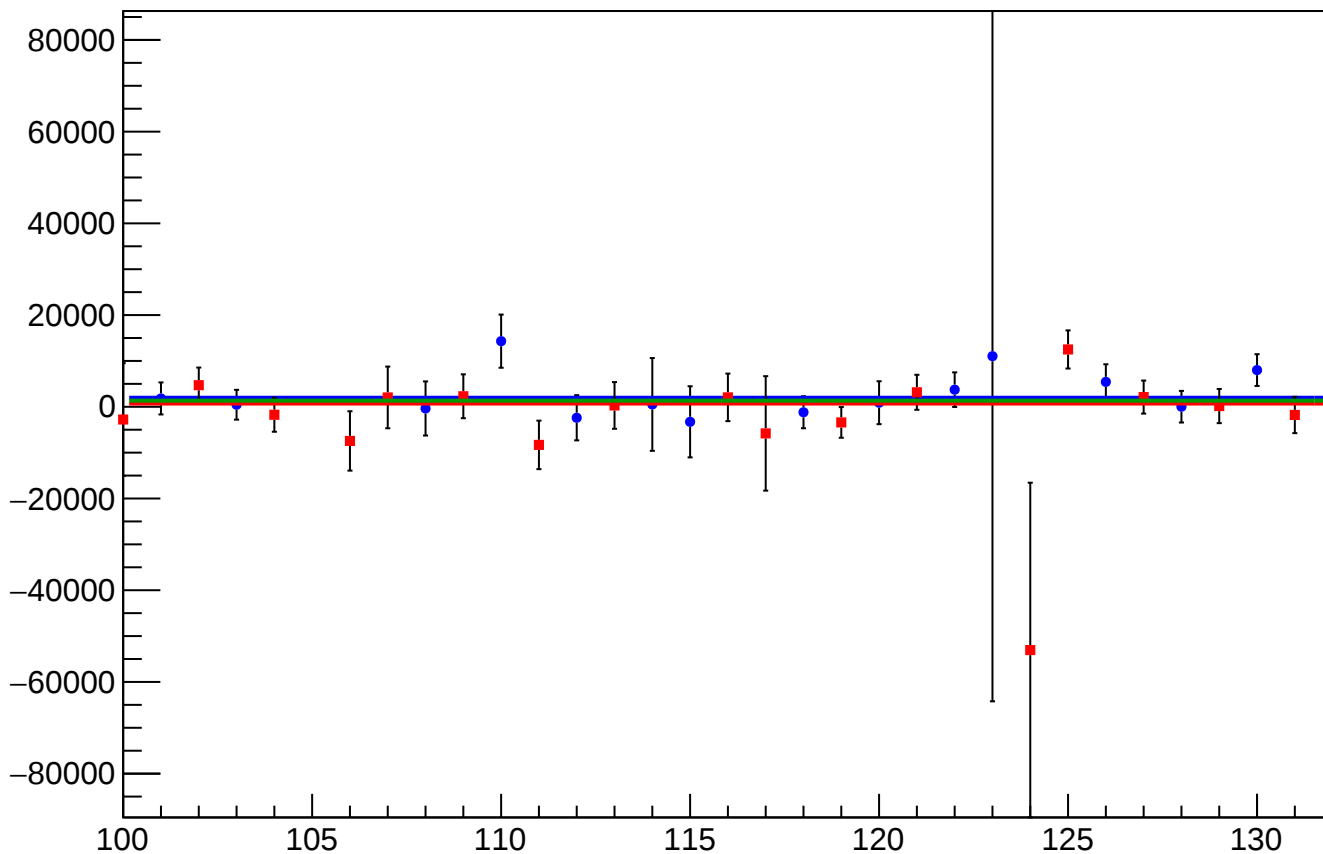
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1973.664+/-1115.460 χ^2/NDF : 12.4/14

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

Right Out: 703.259+/-1129.368 χ^2/NDF : 19.3/16

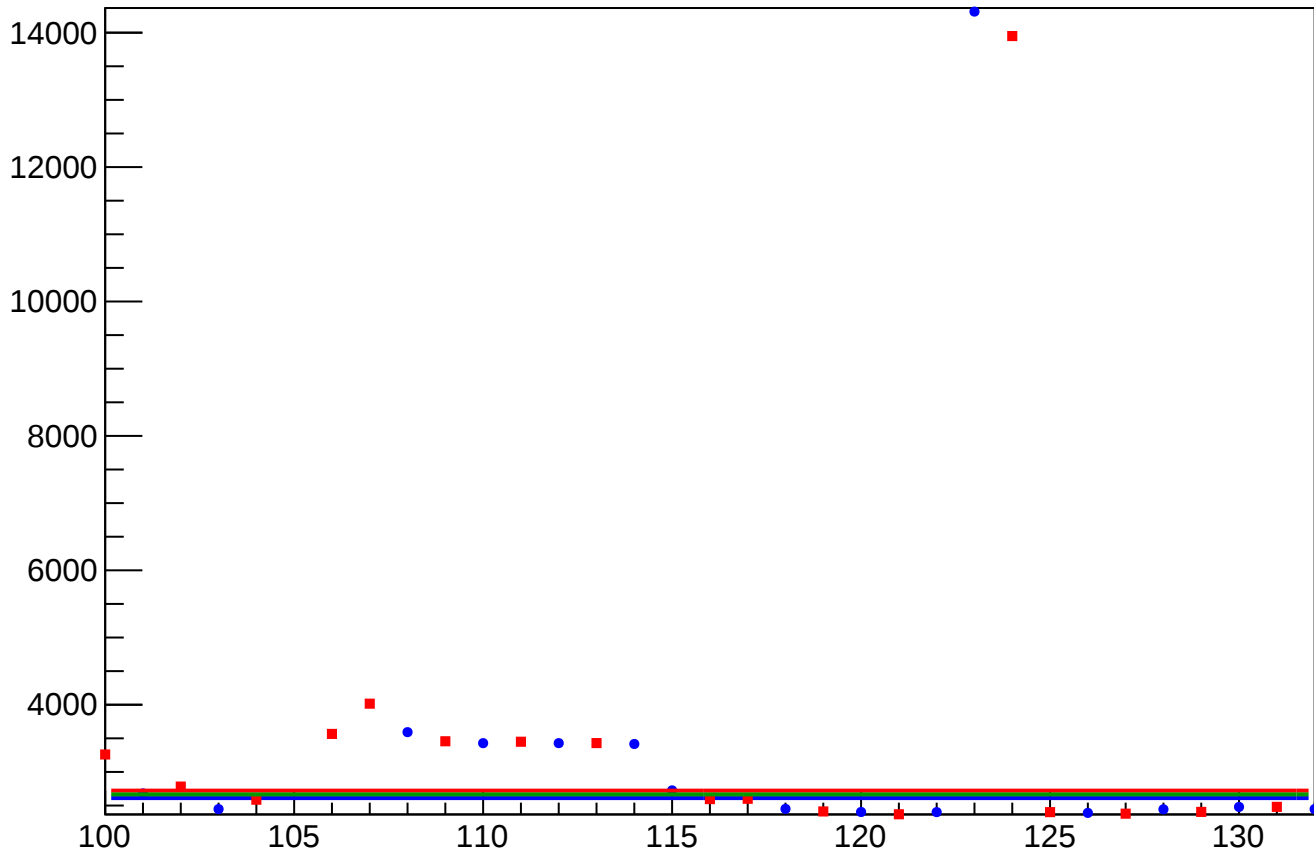
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1973.664+/-1115.460 χ^2/NDF : 12.4/14

1346.332+/-793.621 χ^2/NDF : 32.3/31

703.259+/-1129.368 χ^2/NDF : 19.3/16

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2610.796+/-0.789 χ^2/NDF : 249493.9/14

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

Right Out: 2721.853+/-0.799 χ^2/NDF : 515072.4/16

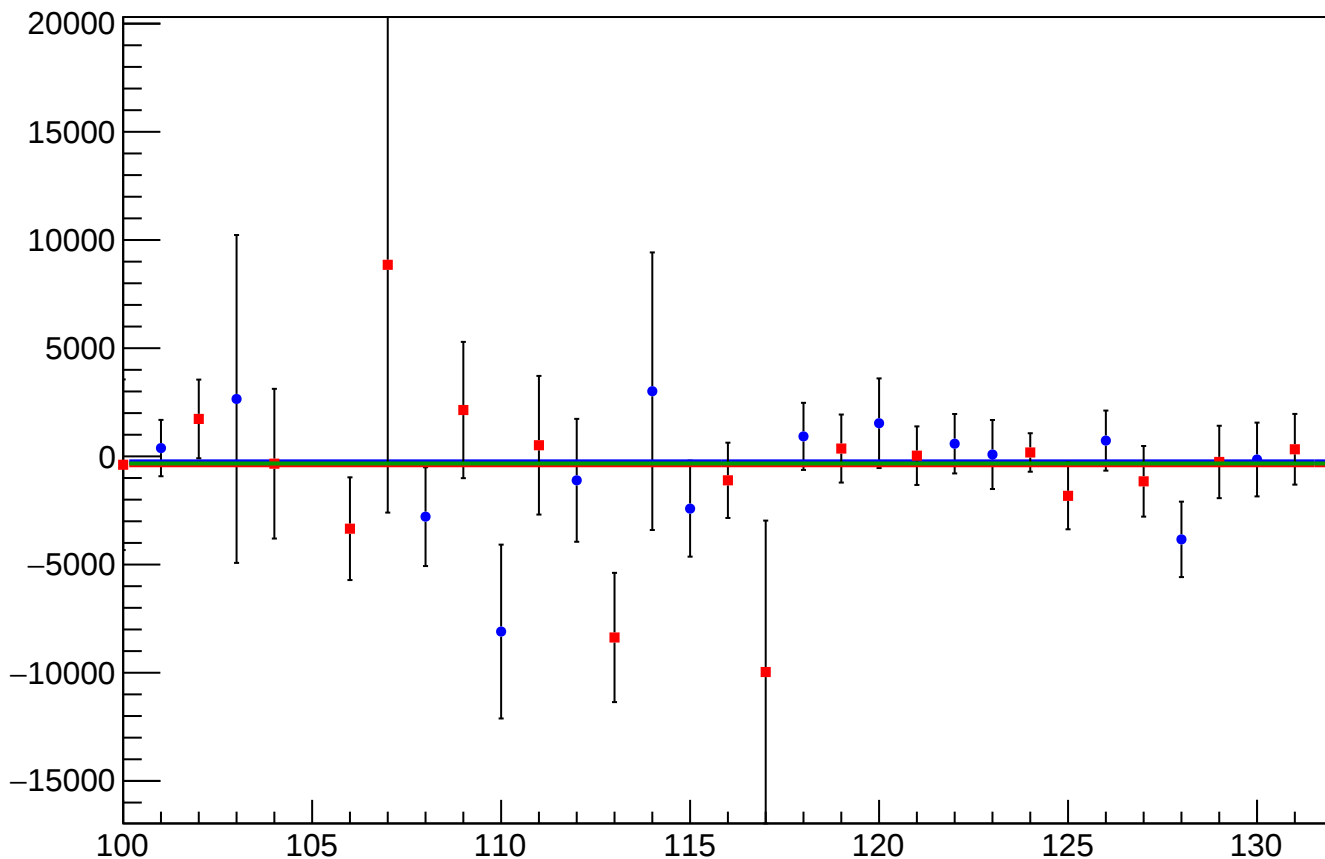
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2610.796+/-0.789 χ^2/NDF : 249493.9/14

2665.636+/-0.561 χ^2/NDF : 774355.9/31

2721.853+/-0.799 χ^2/NDF : 515072.4/16

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -230.589+/-480.889 χ^2/NDF : 13.4/14

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

Right Out: -410.845+/-445.559 χ^2/NDF : 15.5/16

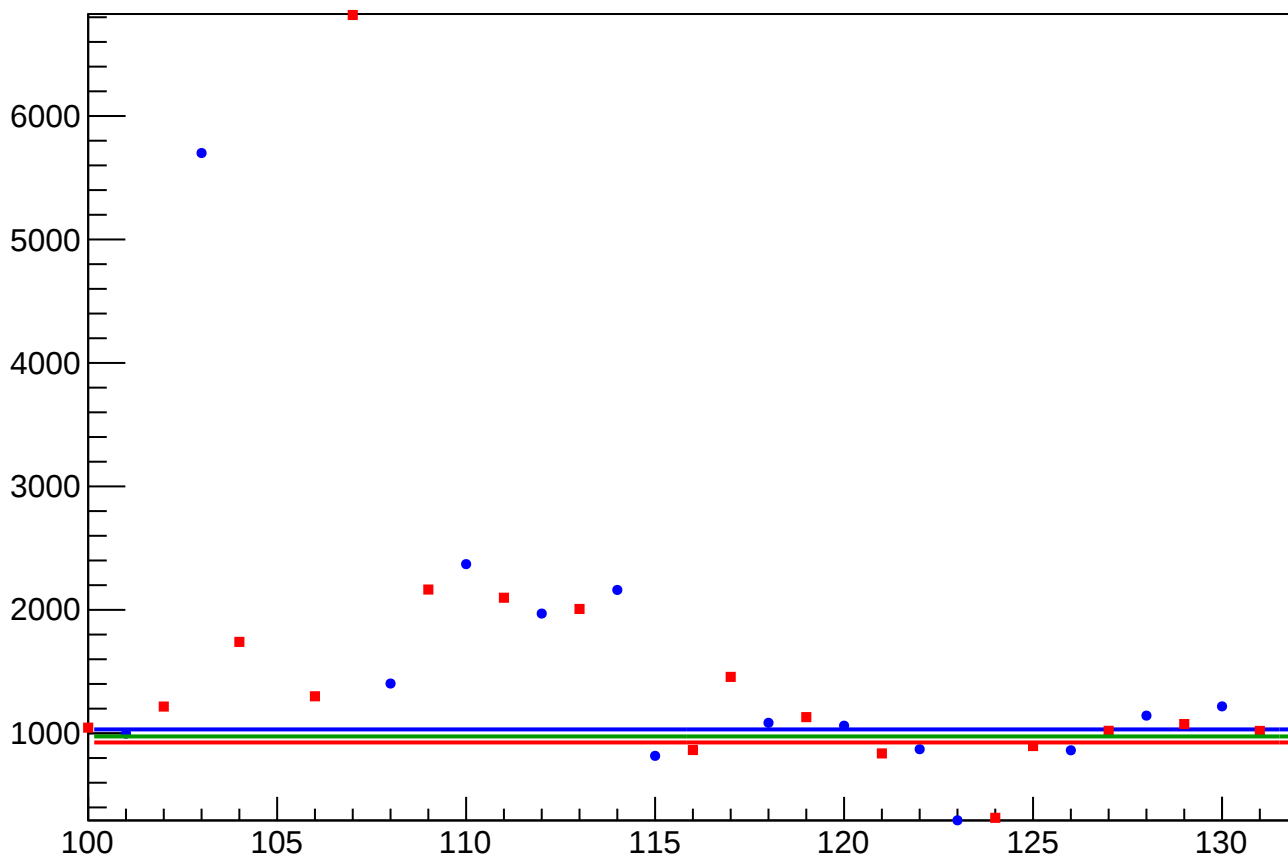
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-230.589+/-480.889 χ^2/NDF : 13.4/14

-327.581+/-326.835 χ^2/NDF : 28.9/31

-410.845+/-445.559 χ^2/NDF : 15.5/16

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1031.730+/-0.340 χ^2/NDF : 1854040.3/14

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

Right Out: 926.126+/-0.315 χ^2/NDF : 2610966.5/16

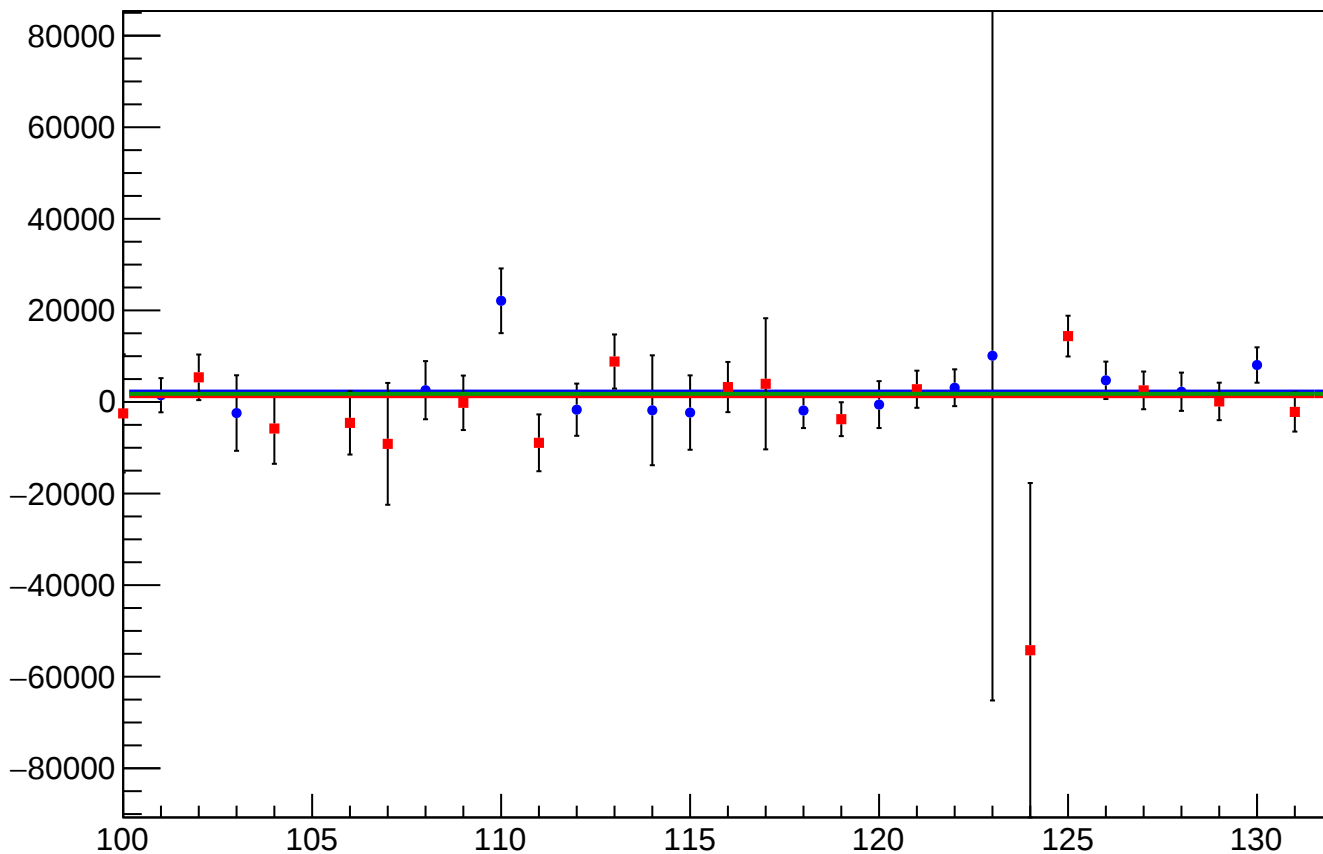
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1031.730+/-0.340 χ^2/NDF : 1854040.3/14

974.907+/-0.231 χ^2/NDF : 4516904.6/31

926.126+/-0.315 χ^2/NDF : 2610966.5/16

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2269.947+/-1298.456 χ^2 /NDF: 14.5/14

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

Right Out: 1265.208+/-1326.138 χ^2 /NDF: 21.3/16

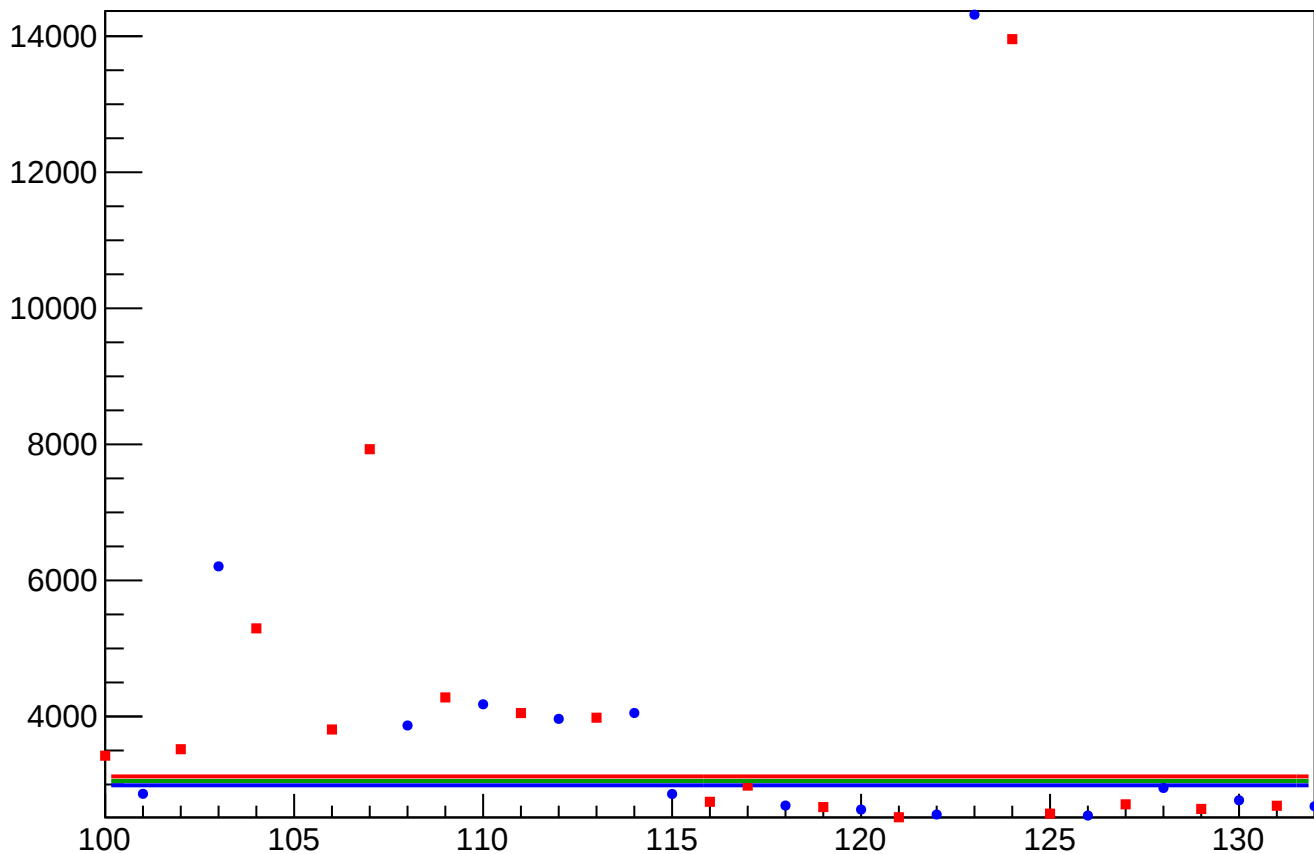
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2269.947+/-1298.456 χ^2 /NDF: 14.5/14

1778.173+/-927.779 χ^2 /NDF: 36.0/31

1265.208+/-1326.138 χ^2 /NDF: 21.3/16

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2988.271+/-0.918 χ^2/NDF : 607649.7/14

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

Right Out: 3118.607+/-0.938 χ^2/NDF : 975171.3/16

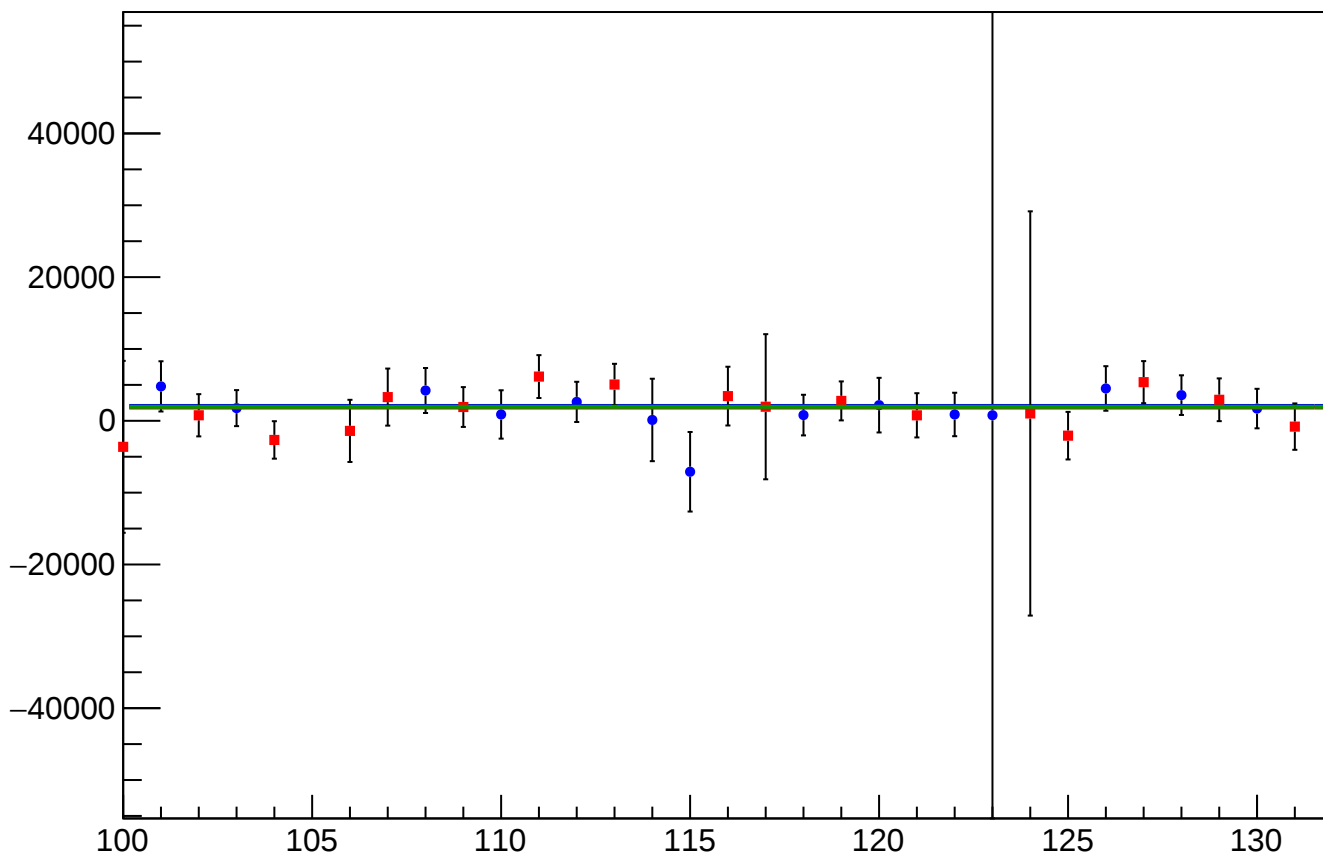
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2988.271+/-0.918 χ^2/NDF : 607649.7/14

3052.065+/-0.656 χ^2/NDF : 1592684.0/31

3118.607+/-0.938 χ^2/NDF : 975171.3/16

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2064.959 $\pm$ 847.590 χ^2/NDF : 5.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1846.737 $\pm$ 822.503 χ^2/NDF : 11.4/16

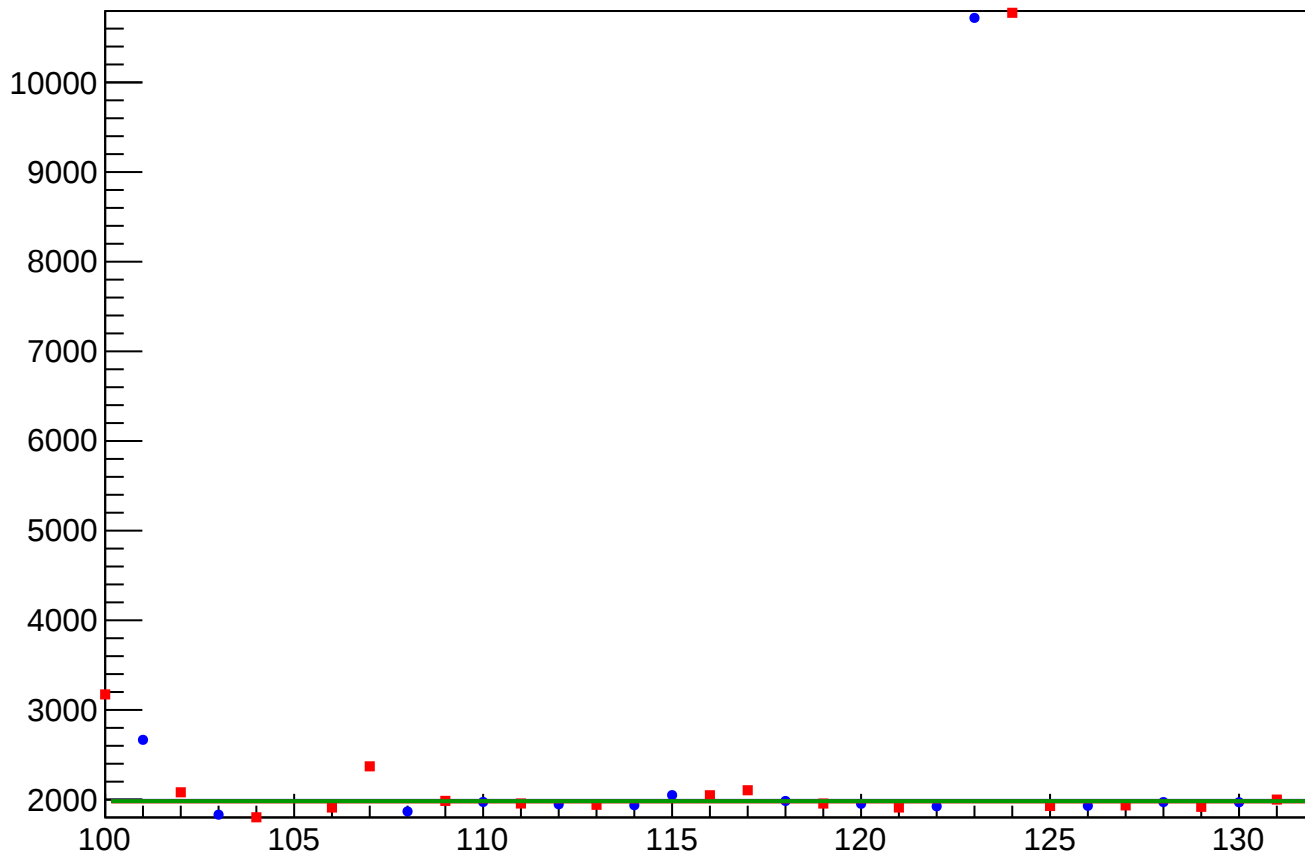
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2064.959 $\pm$ 847.590 χ^2/NDF : 5.6/14

1952.571 $\pm$ 590.267 χ^2/NDF : 17.0/31

1846.737 $\pm$ 822.503 χ^2/NDF : 11.4/16

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1985.465+/-0.599 χ^2/NDF : 137222.8/14

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

Right Out: 1979.808+/-0.582 χ^2/NDF : 251210.7/16

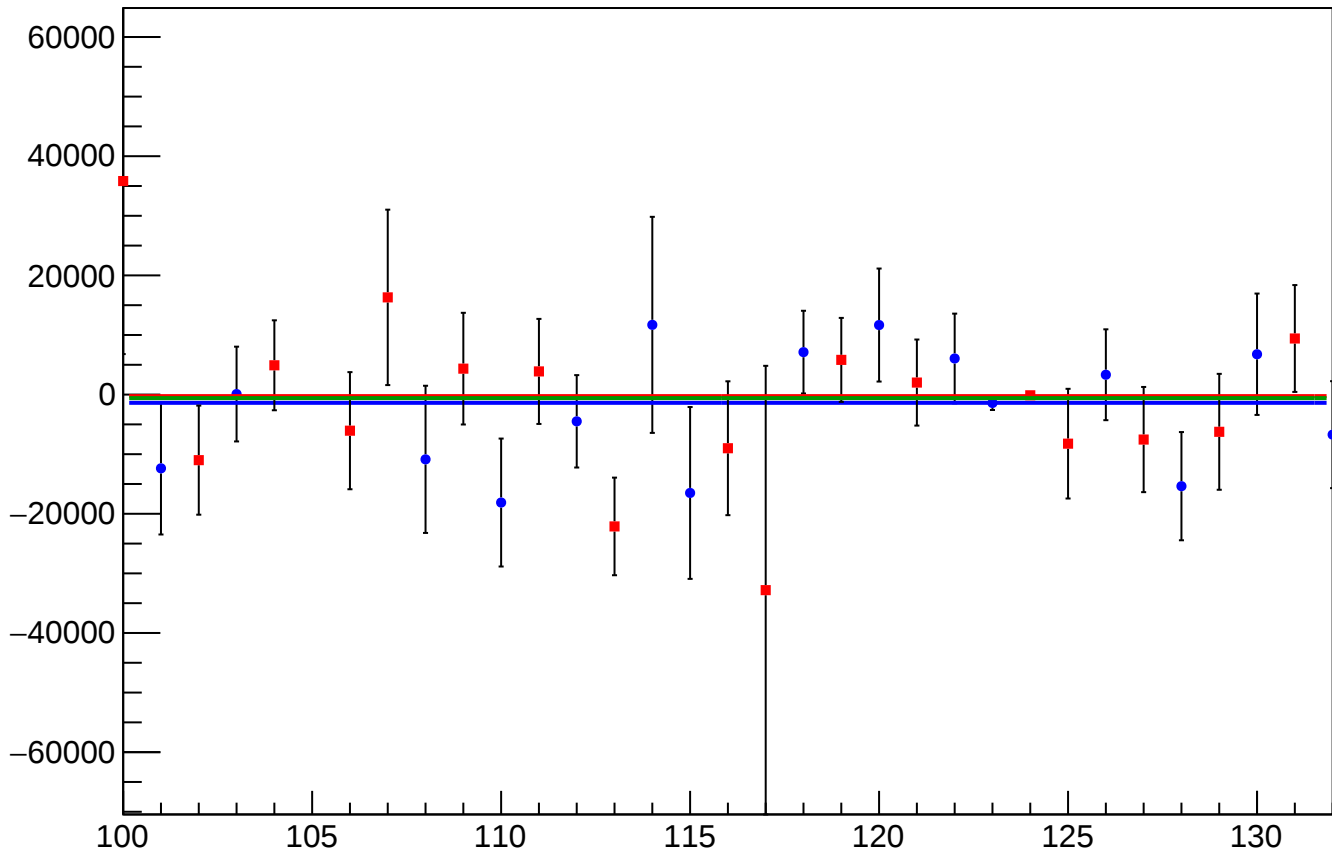
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1985.465+/-0.599 χ^2/NDF : 137222.8/14

1982.552+/-0.417 χ^2/NDF : 388479.4/31

1979.808+/-0.582 χ^2/NDF : 251210.7/16

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1381.535+/-1061.197 χ^2 /NDF: 13.9/14

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

Right Out: -254.267+/-697.376 χ^2 /NDF: 17.8/16

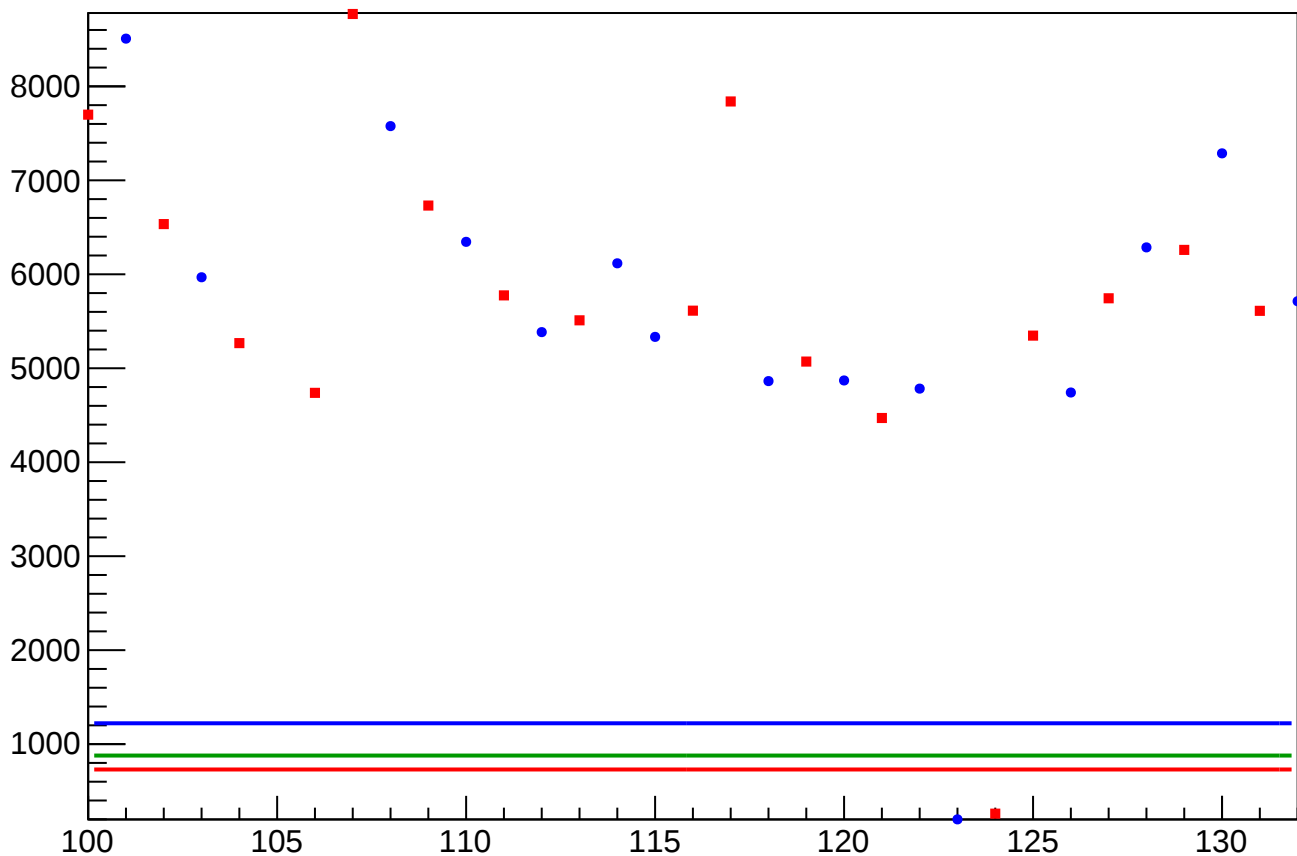
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1381.535+/-1061.197 χ^2 /NDF: 13.9/14

-594.259+/-582.796 χ^2 /NDF: 32.5/31

-254.267+/-697.376 χ^2 /NDF: 17.8/16

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1221.775+/-0.750 χ^2/NDF : 8512426.3/14

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

Right Out: 730.074+/-0.493 χ^2/NDF : 9693309.4/16

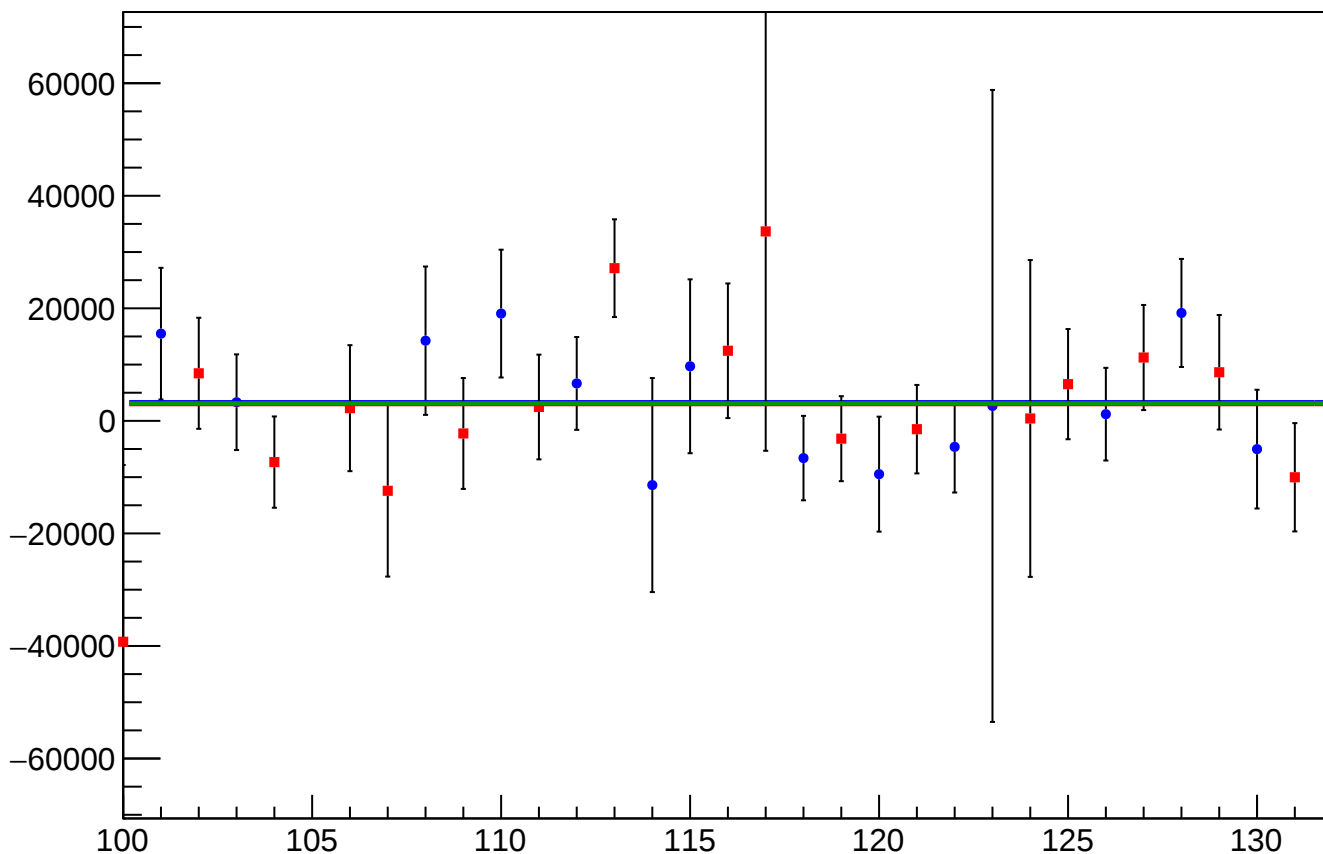
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1221.775+/-0.750 χ^2/NDF : 8512426.3/14

878.375+/-0.412 χ^2/NDF : 18505609.7/31

730.074+/-0.493 χ^2/NDF : 9693309.4/16

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3340.098+/-2630.427 χ^2/NDF : 12.5/14

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

Right Out: 2945.559+/-2508.936 χ^2/NDF : 18.1/16

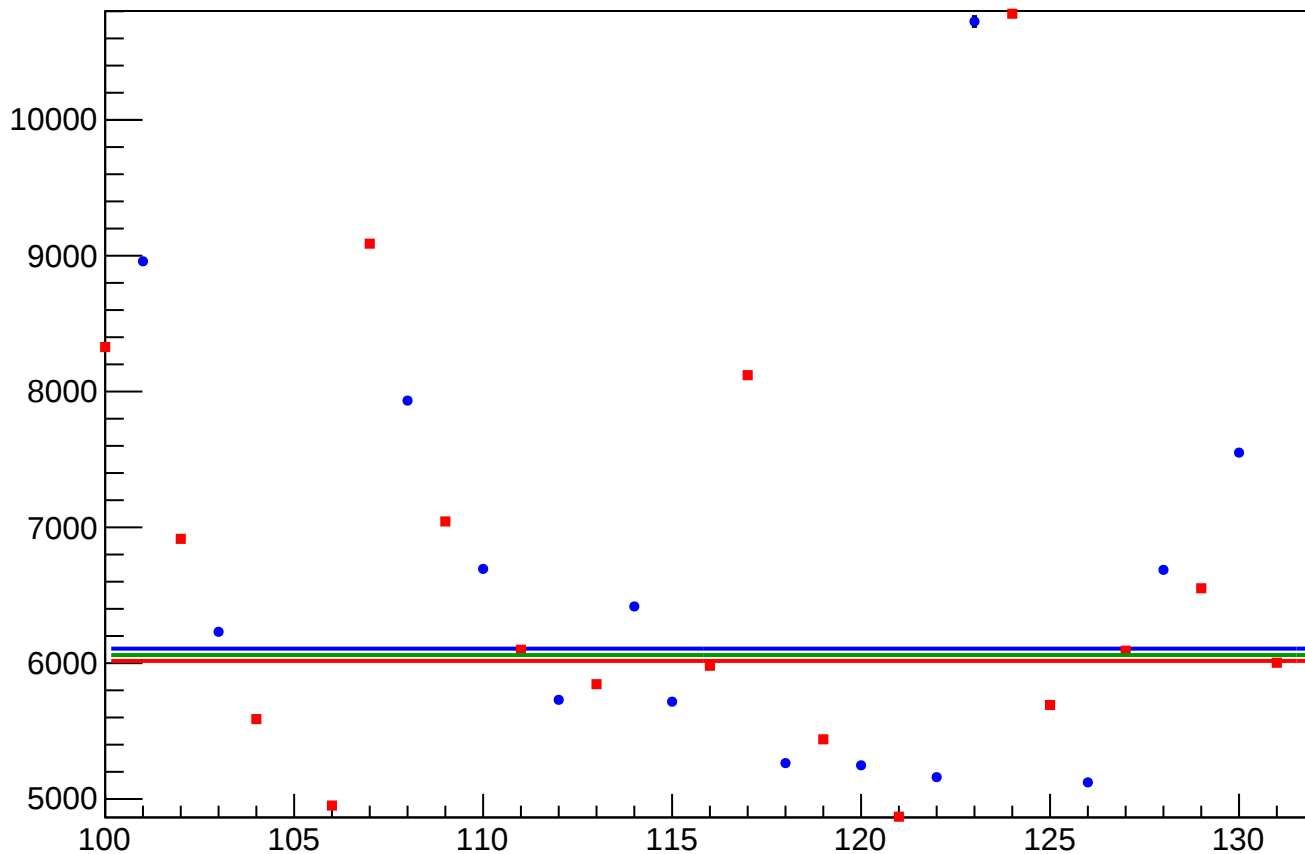
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3340.098+/-2630.427 χ^2/NDF : 12.5/14

3133.507+/-1815.517 χ^2/NDF : 30.6/31

2945.559+/-2508.936 χ^2/NDF : 18.1/16

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6107.044+/-1.860 χ^2/NDF : 322444.2/14

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

Right Out: 6016.663+/-1.774 χ^2/NDF : 280266.6/16

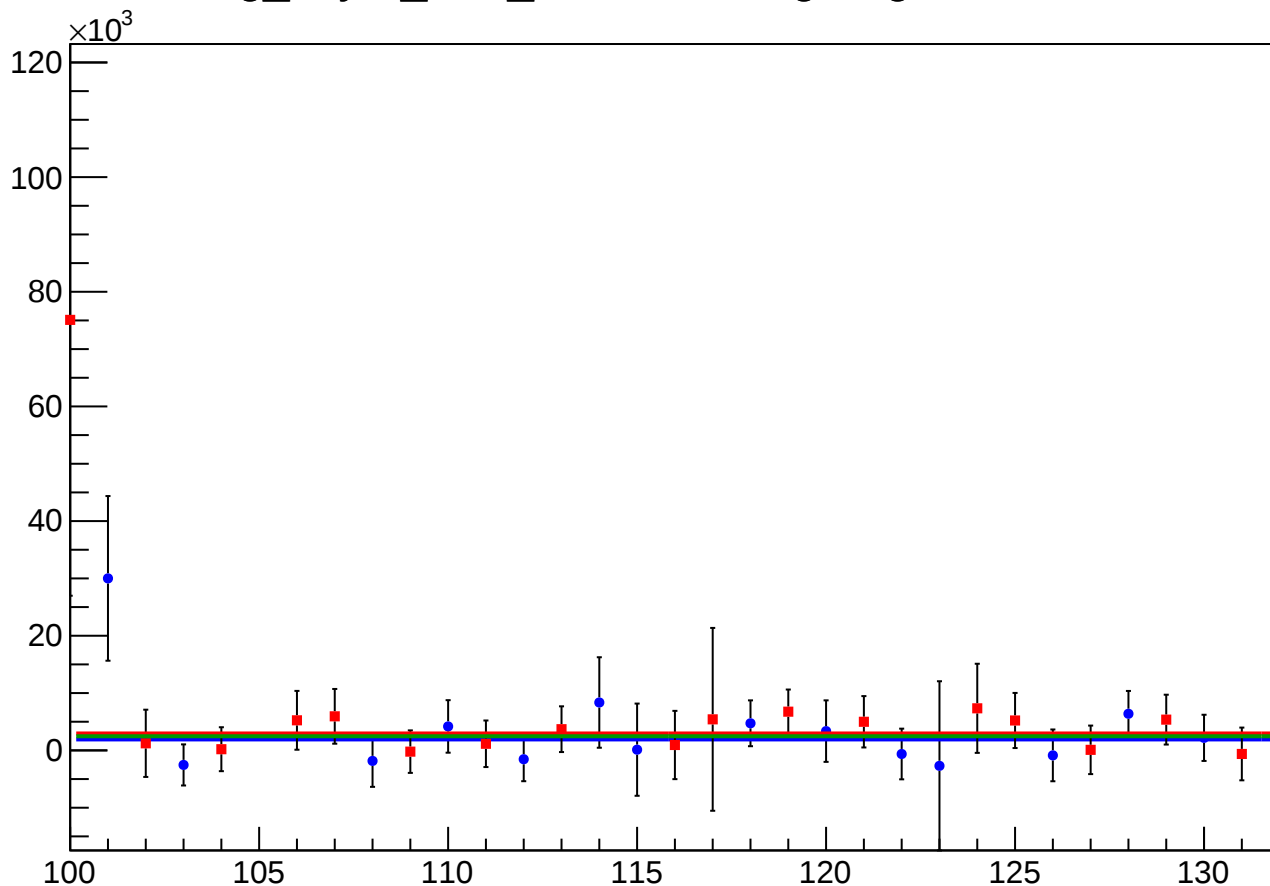
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6107.044+/-1.860 χ^2/NDF : 322444.2/14

6059.716+/-1.284 χ^2/NDF : 603947.2/31

6016.663+/-1.774 χ^2/NDF : 280266.6/16

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1912.910+/-1235.139 χ^2/NDF : 11.3/14

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

Right Out: 2951.604+/-1161.977 χ^2/NDF : 7.6/16

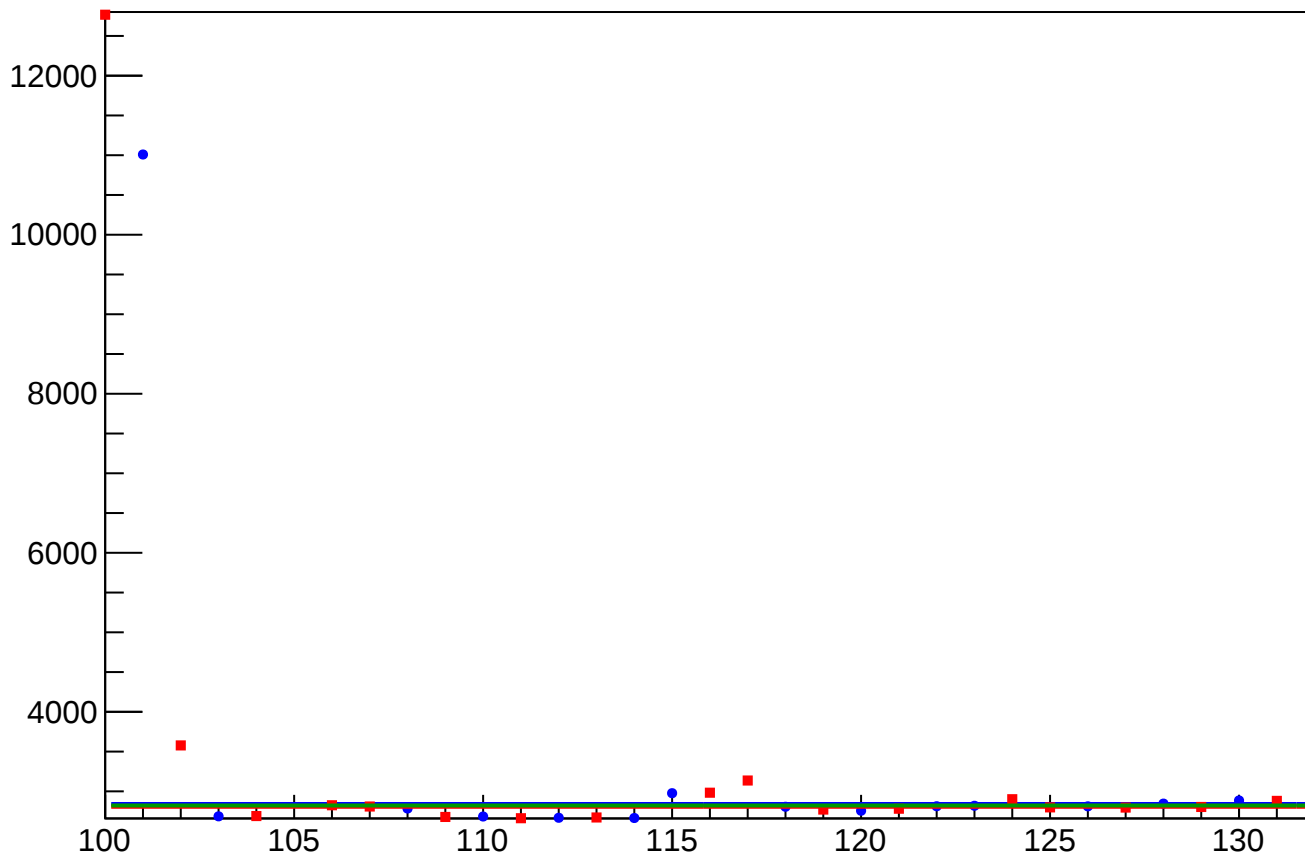
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1912.910+/-1235.139 χ^2/NDF : 11.3/14

2463.929+/-846.325 χ^2/NDF : 19.3/31

2951.604+/-1161.977 χ^2/NDF : 7.6/16

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2840.907+/-0.873 χ^2/NDF : 660036.8/14

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

Right Out: 2805.837+/-0.822 χ^2/NDF : 133061.3/16

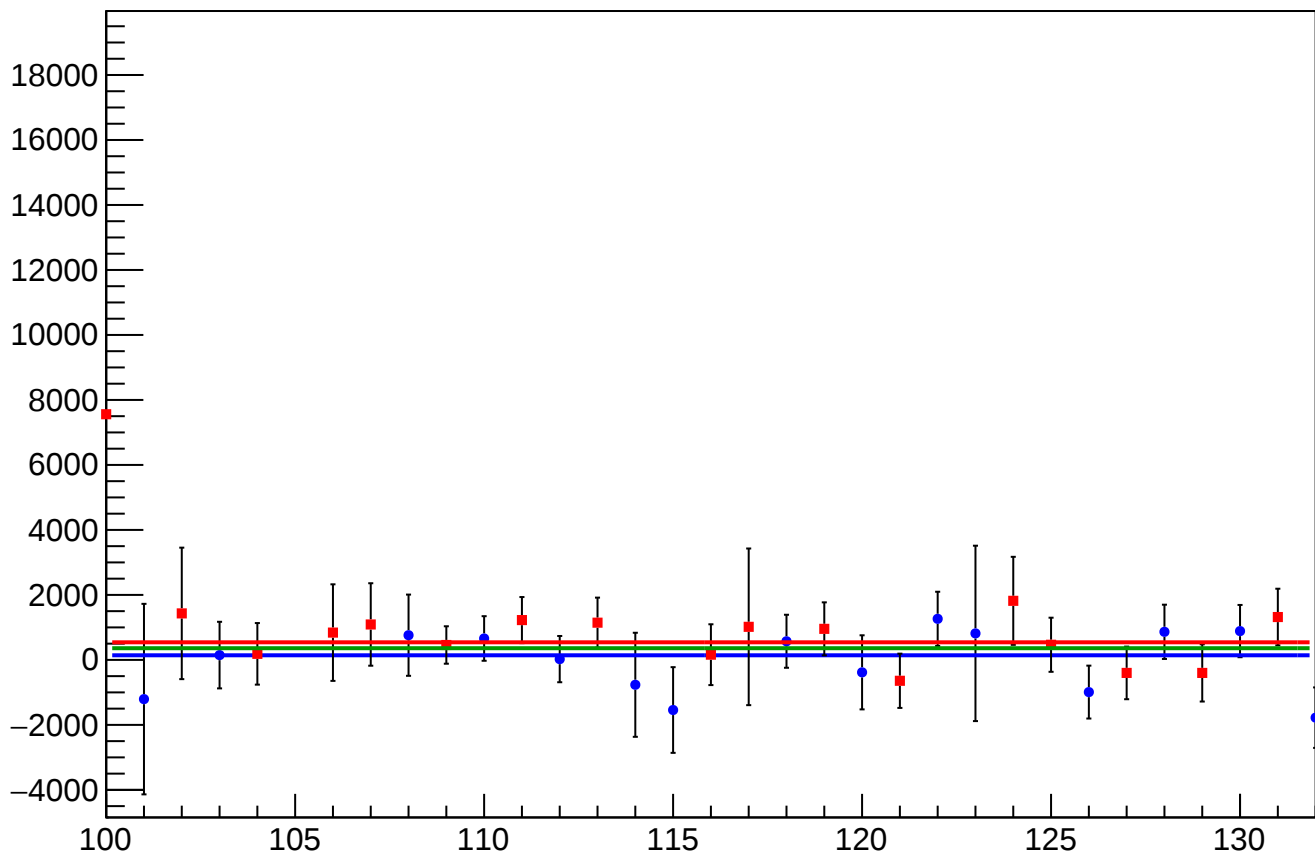
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2840.907+/-0.873 χ^2/NDF : 660036.8/14

2822.303+/-0.598 χ^2/NDF : 793953.4/31

2805.837+/-0.822 χ^2/NDF : 133061.3/16

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 141.870+/-247.943 χ^2/NDF : 13.2/14

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

Right Out: 541.377+/-226.478 χ^2/NDF : 9.1/16

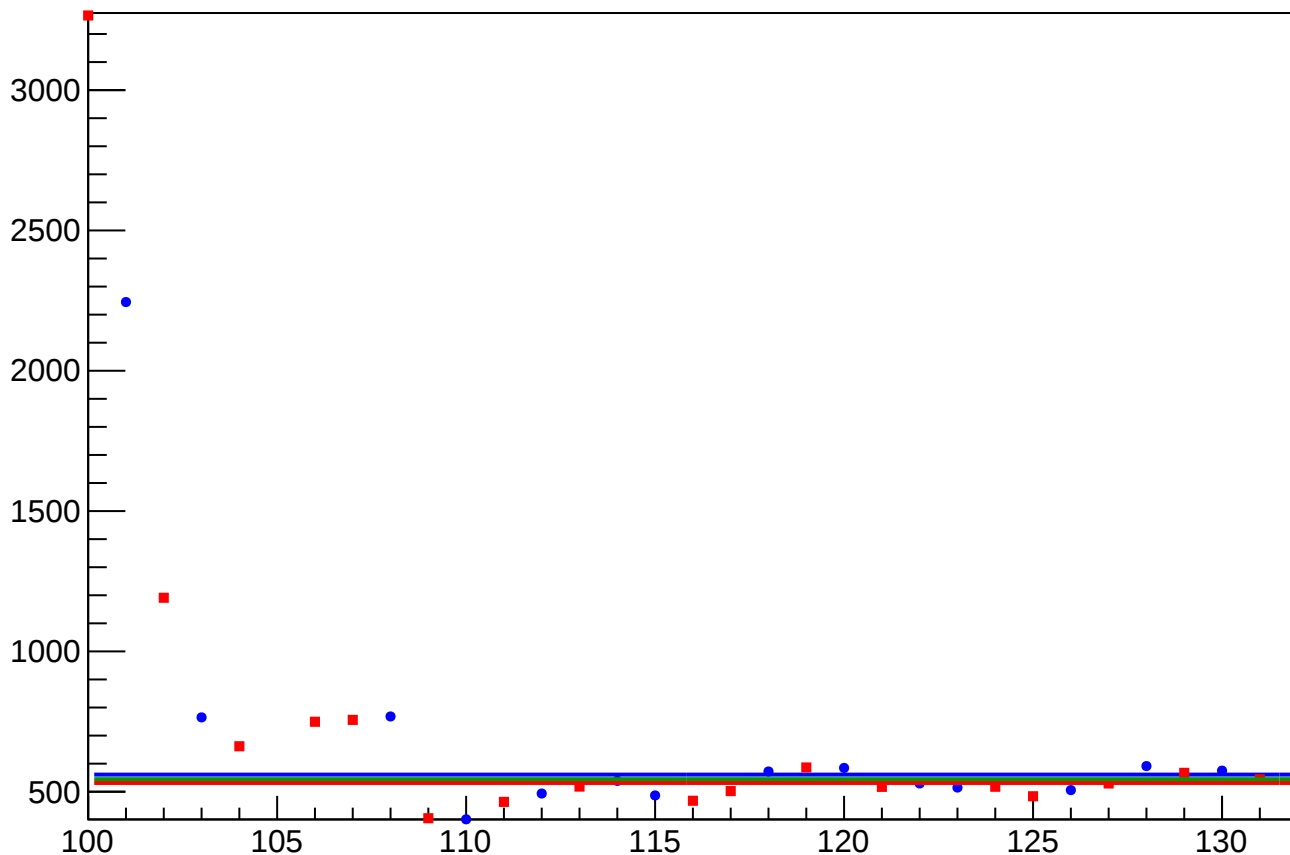
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.870+/-247.943 χ^2/NDF : 13.2/14

359.661+/-167.219 χ^2/NDF : 23.7/31

541.377+/-226.478 χ^2/NDF : 9.1/16

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 560.909+/-0.175 χ^2/NDF : 945739.8/14

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

Right Out: 531.182+/-0.160 χ^2/NDF : 597473.0/16

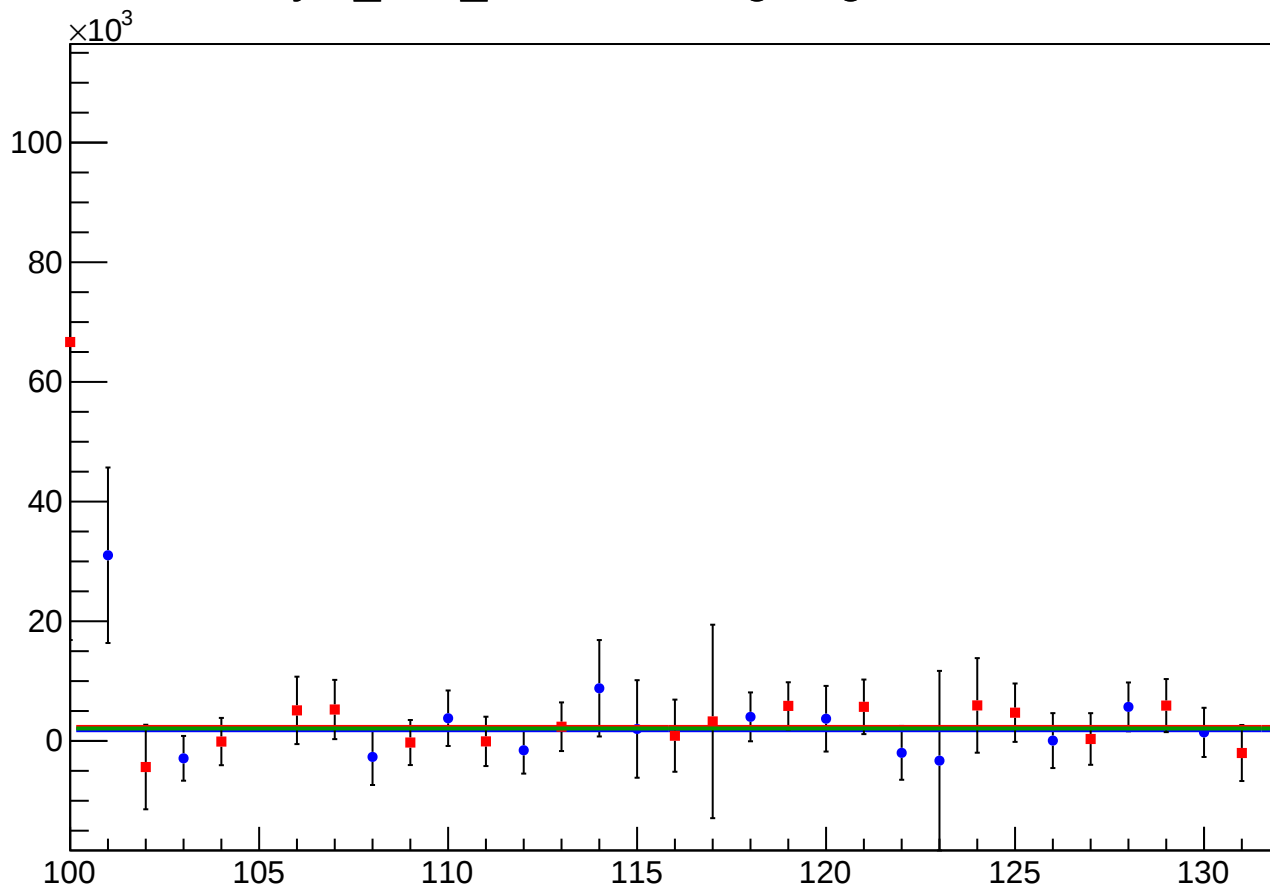
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

560.909+/-0.175 χ^2/NDF : 945739.8/14

544.703+/-0.118 χ^2/NDF : 1558885.9/31

531.182+/-0.160 χ^2/NDF : 597473.0/16

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1792.457 $\pm$ 1264.013 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2338.733 $\pm$ 1196.653 χ^2 /NDF: 7.9/16

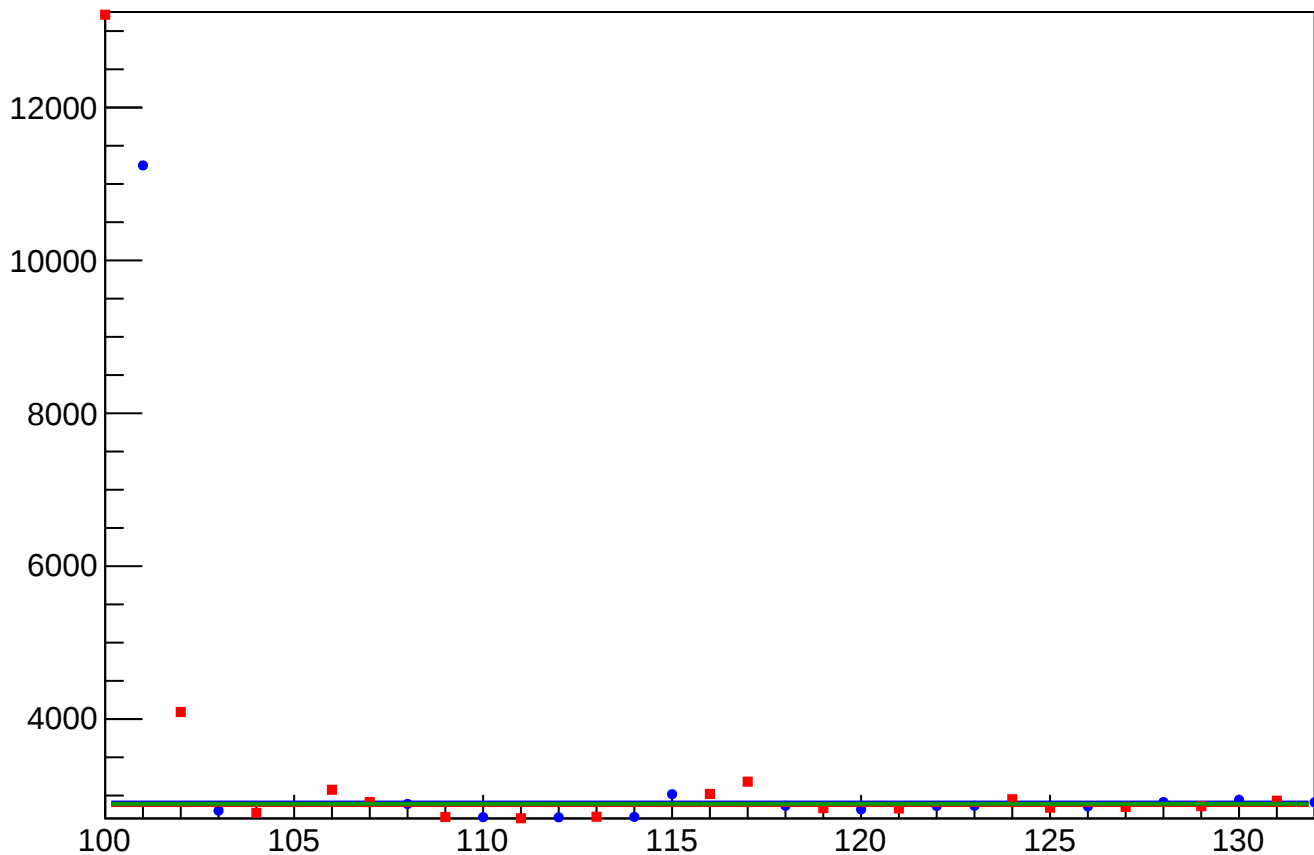
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1792.457 $\pm$ 1264.013 χ^2 /NDF: 12.3/14

2080.538 $\pm$ 868.999 χ^2 /NDF: 20.4/31

2338.733 $\pm$ 1196.653 χ^2 /NDF: 7.9/16

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2907.642+/-0.894 χ^2/NDF : 658696.8/14

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

Right Out: 2875.730+/-0.846 χ^2/NDF : 162219.4/16

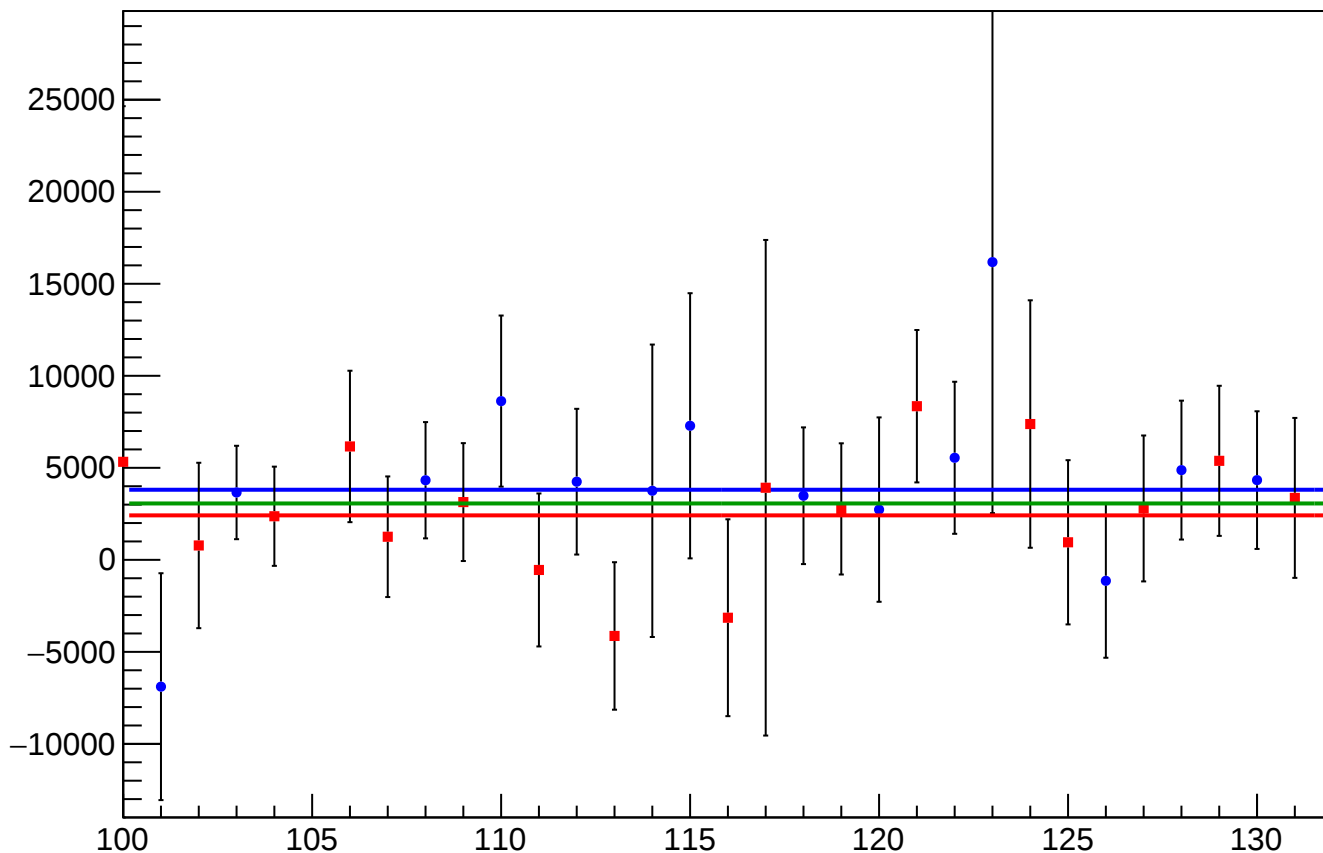
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2907.642+/-0.894 χ^2/NDF : 658696.8/14

2890.813+/-0.614 χ^2/NDF : 821588.5/31

2875.730+/-0.846 χ^2/NDF : 162219.4/16

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3808.825 $\pm$ 1080.438 χ^2 /NDF: 6.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2416.584 $\pm$ 1006.887 χ^2 /NDF: 8.7/16

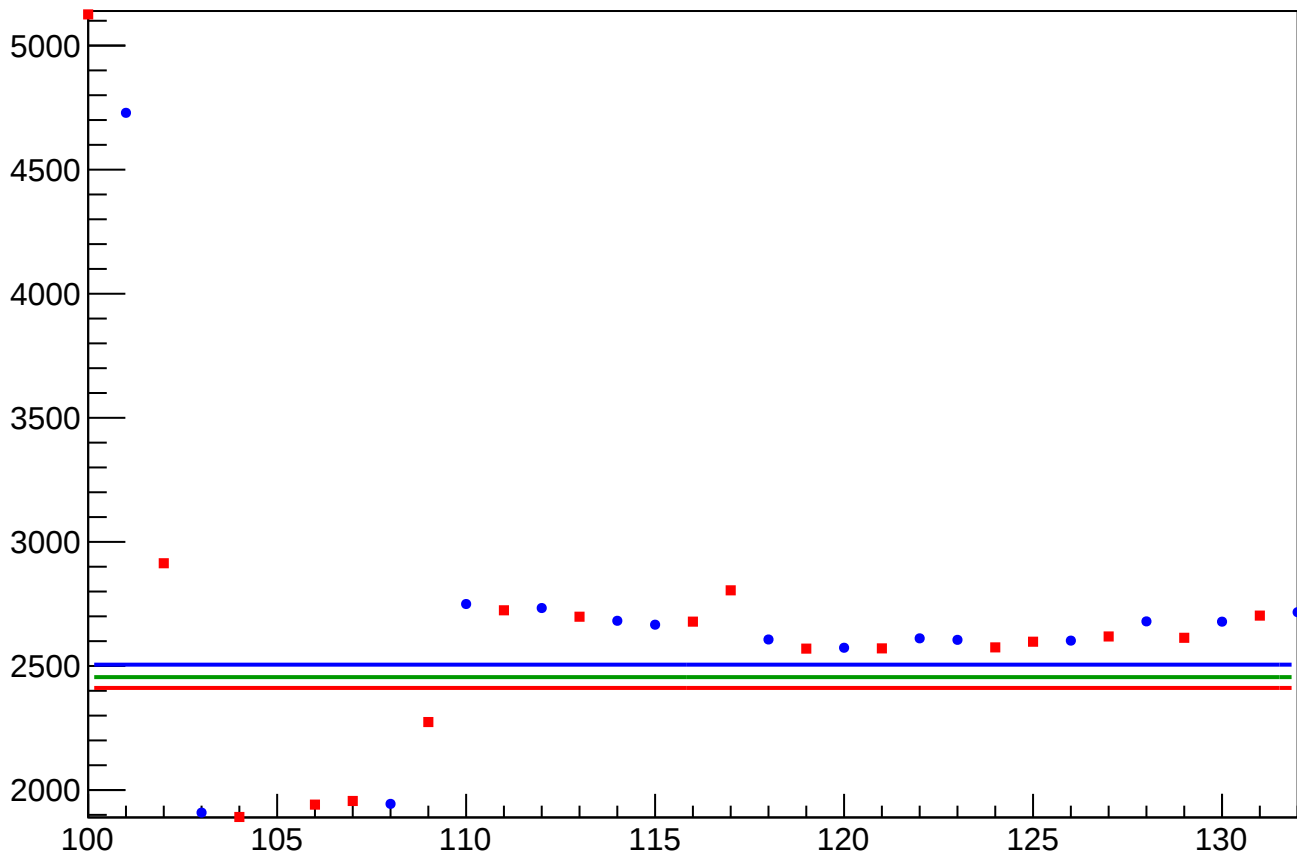
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3808.825 $\pm$ 1080.438 χ^2 /NDF: 6.9/14

3063.707 $\pm$ 736.607 χ^2 /NDF: 16.5/31

2416.584 $\pm$ 1006.887 χ^2 /NDF: 8.7/16

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2505.308 $\pm$ 0.764 χ^2 /NDF: 465795.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2411.510 $\pm$ 0.712 χ^2 /NDF: 266627.0/16

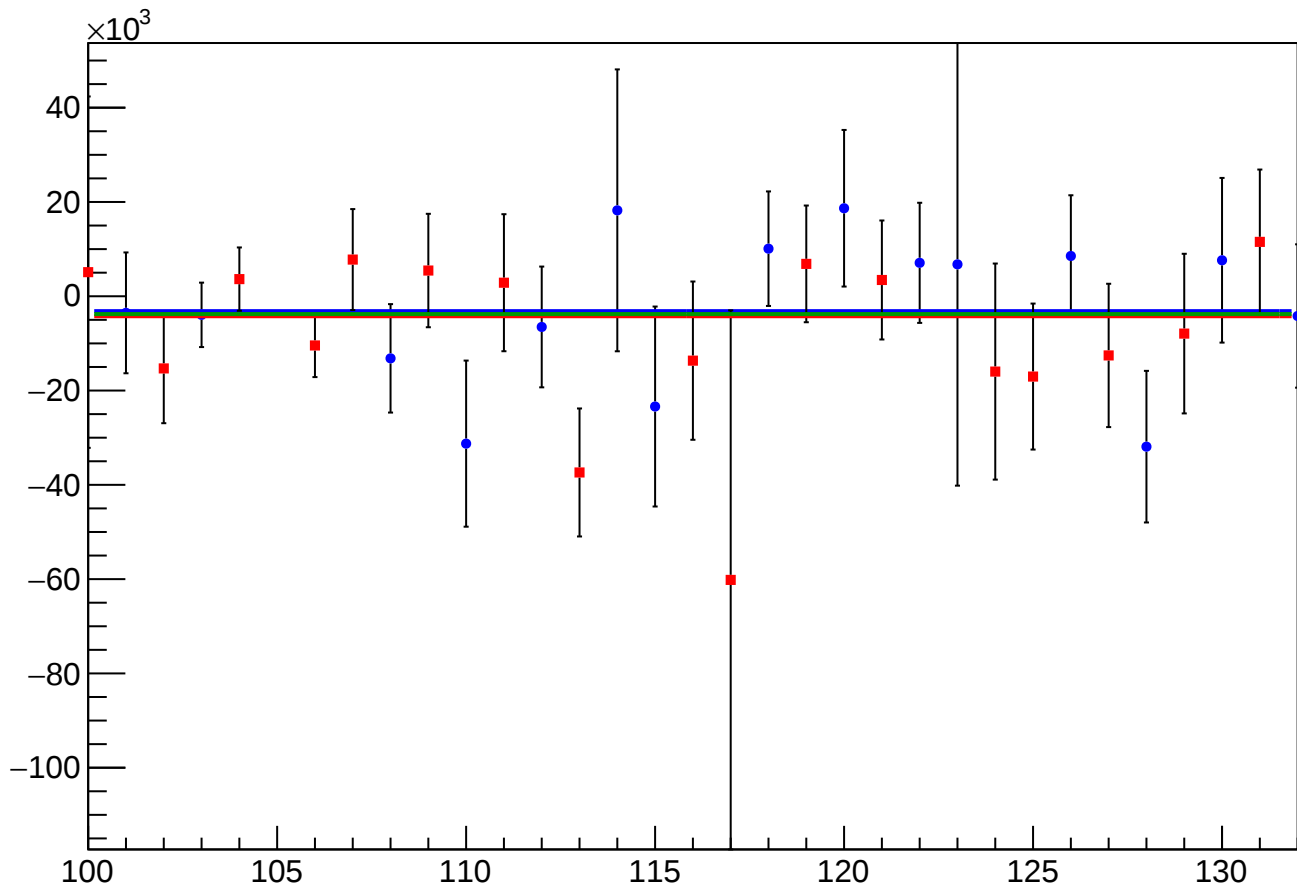
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2505.308 $\pm$ 0.764 χ^2 /NDF: 465795.9/14

2455.107 $\pm$ 0.521 χ^2 /NDF: 740490.3/31

2411.510 $\pm$ 0.712 χ^2 /NDF: 266627.0/16

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3156.170+/-3486.983 χ^2/NDF : 12.8/14

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

Right Out: -4236.374+/-2973.522 χ^2/NDF : 16.1/16

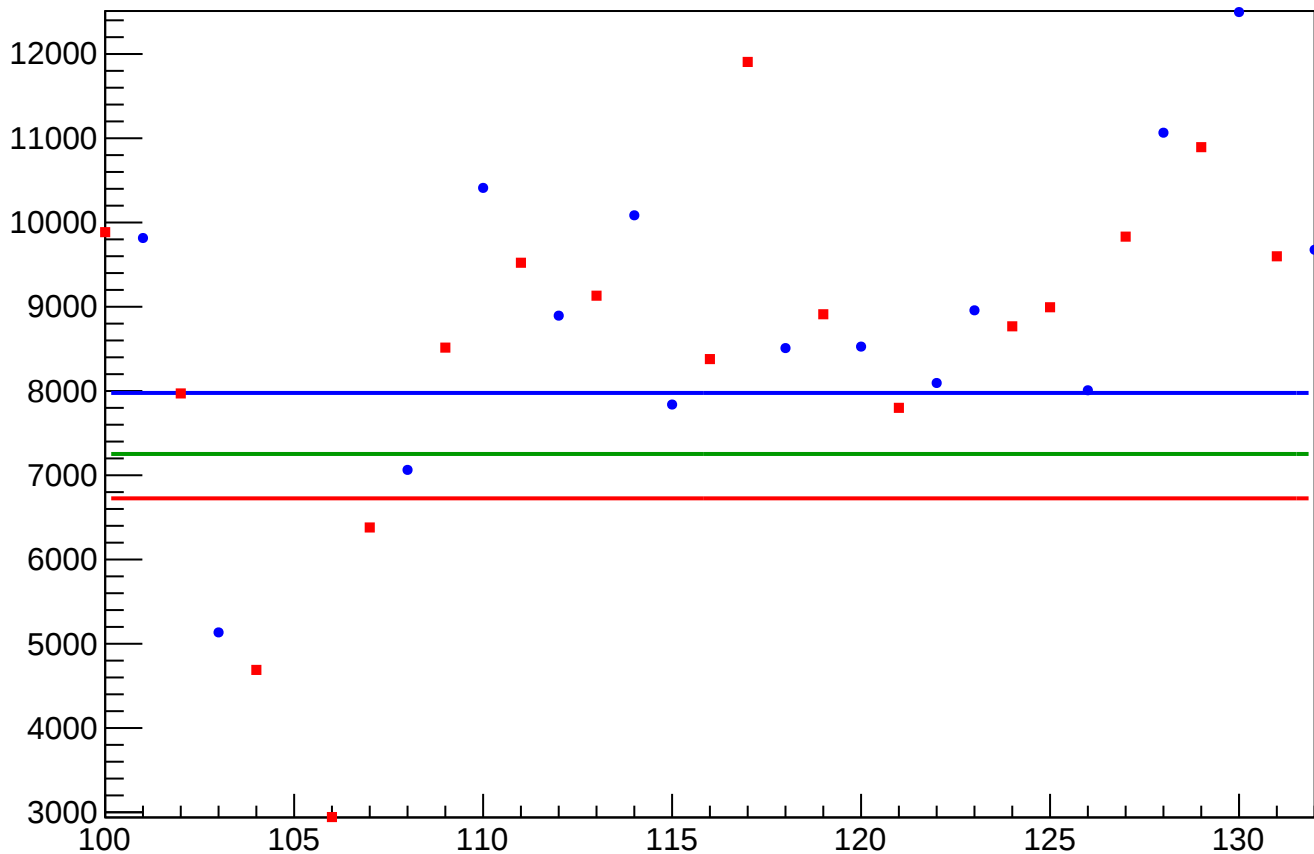
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3156.170+/-3486.983 χ^2/NDF : 12.8/14

-3781.584+/-2262.571 χ^2/NDF : 29.0/31

-4236.374+/-2973.522 χ^2/NDF : 16.1/16

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7977.211+/-2.466 χ^2/NDF : 698158.9/14

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

Right Out: 6725.974+/-2.103 χ^2/NDF : 1486159.6/16

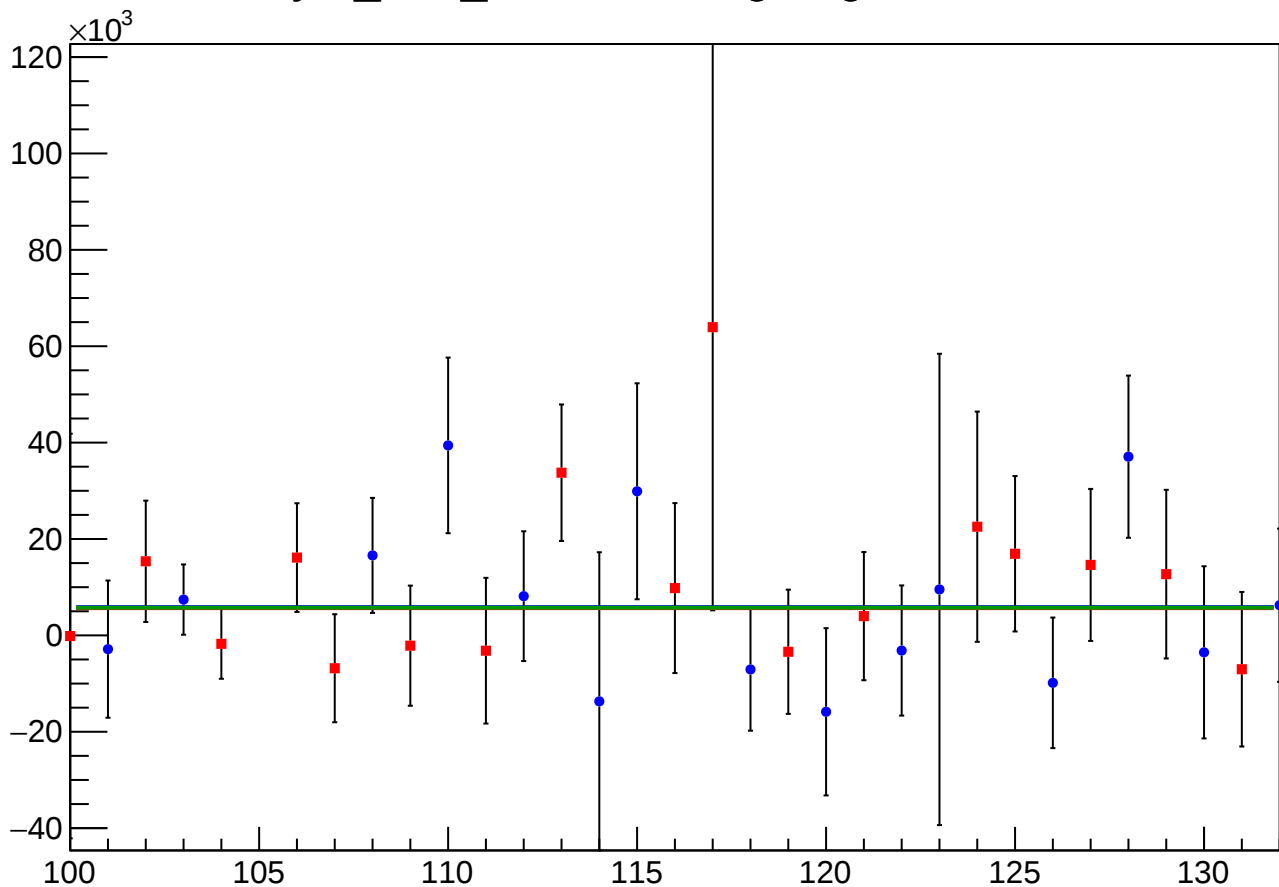
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7977.211+/-2.466 χ^2/NDF : 698158.9/14

7252.772+/-1.600 χ^2/NDF : 2333416.4/31

6725.974+/-2.103 χ^2/NDF : 1486159.6/16

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5859.602 $\pm$ 3680.955 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5663.191 $\pm$ 3343.343 χ^2 /NDF: 12.1/16

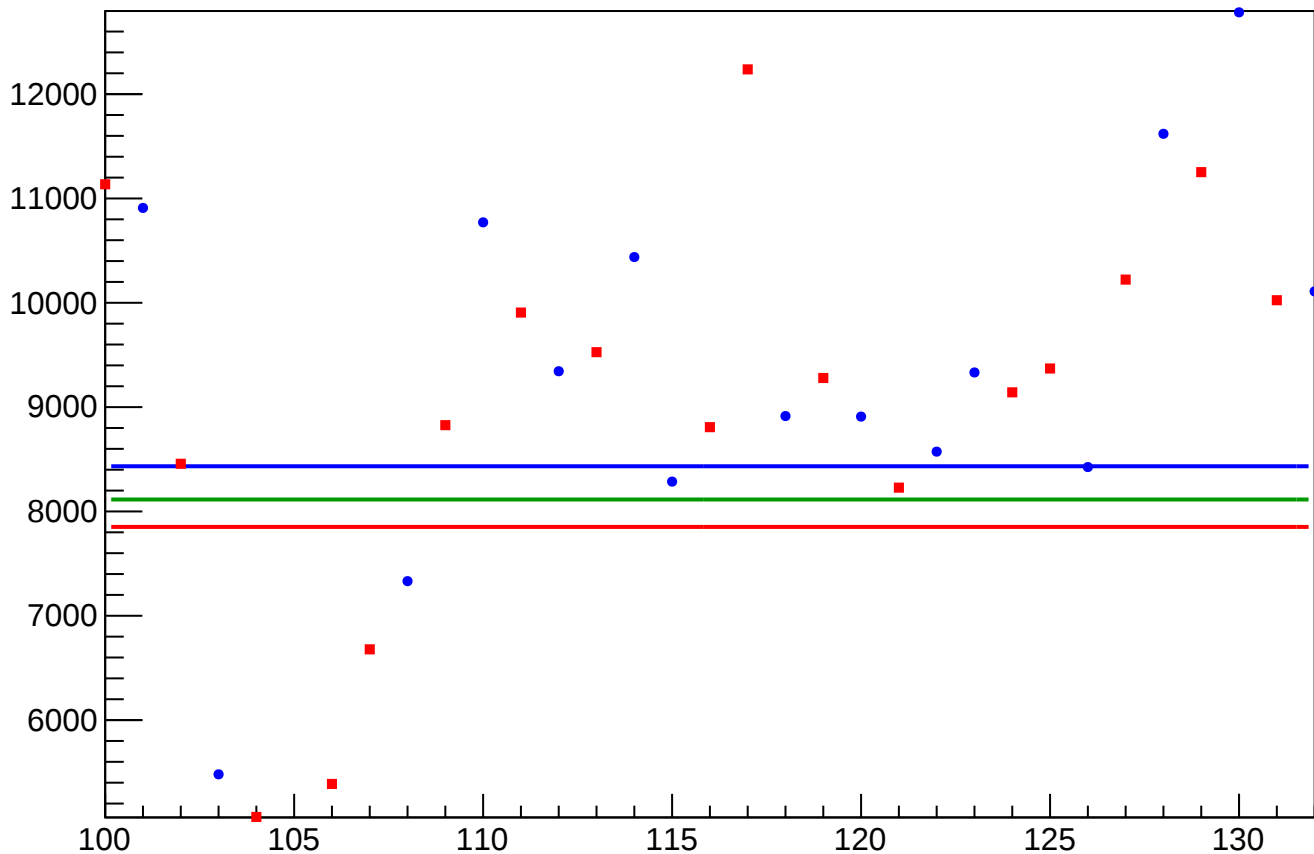
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5859.602 $\pm$ 3680.955 χ^2 /NDF: 14.3/14

5751.978 $\pm$ 2474.870 χ^2 /NDF: 26.4/31

5663.191 $\pm$ 3343.343 χ^2 /NDF: 12.1/16

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8433.083+/-2.603 χ^2/NDF : 674024.5/14

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

Right Out: 7851.654+/-2.364 χ^2/NDF : 729444.7/16

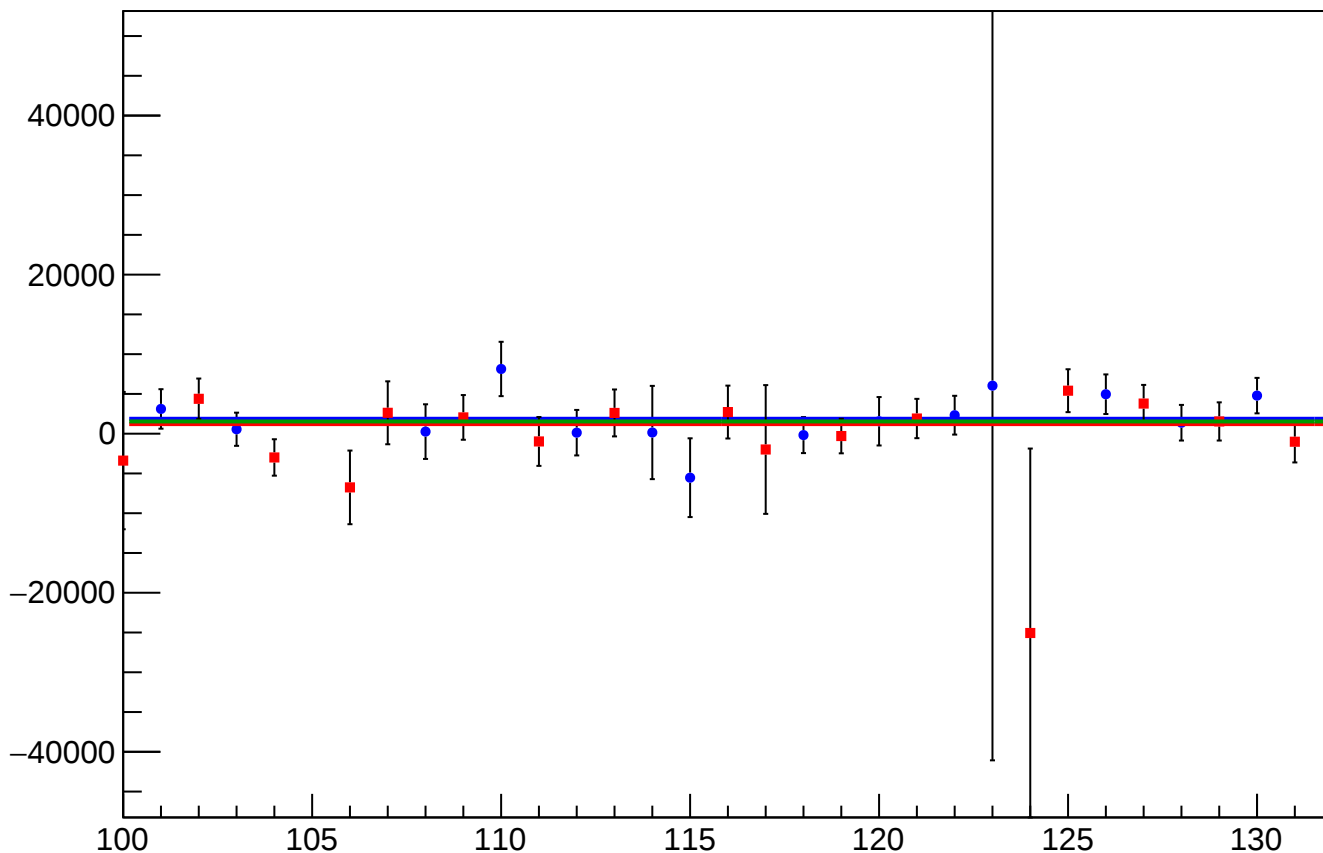
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8433.083+/-2.603 χ^2/NDF : 674024.5/14

8114.476+/-1.750 χ^2/NDF : 1430813.1/31

7851.654+/-2.364 χ^2/NDF : 729444.7/16

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1874.308+/-717.502 χ^2/NDF : 11.9/14

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

Right Out: 1204.779+/-718.094 χ^2/NDF : 15.7/16

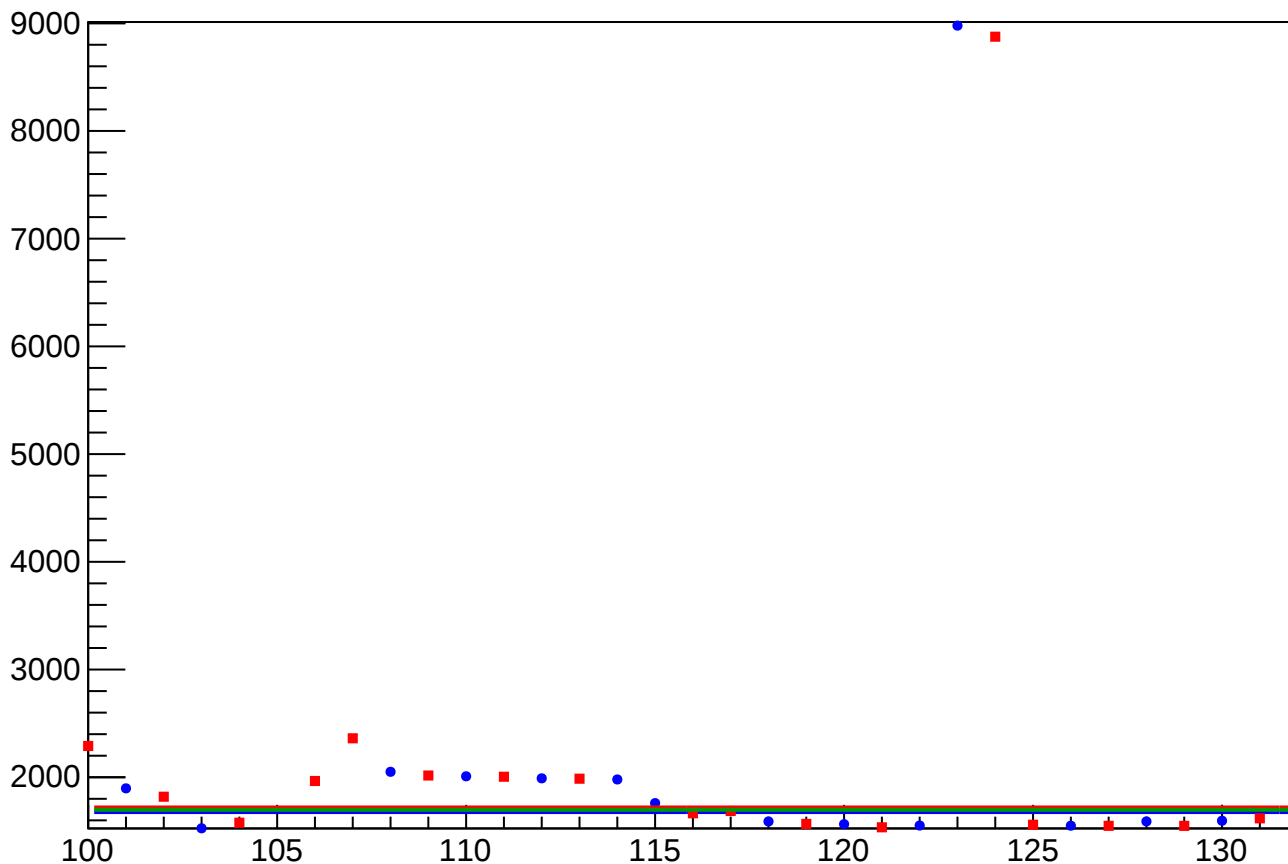
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1874.308+/-717.502 χ^2/NDF : 11.9/14

1539.820+/-507.560 χ^2/NDF : 28.1/31

1204.779+/-718.094 χ^2/NDF : 15.7/16

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1676.973+/-0.507 χ^2/NDF : 169874.1/14

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

Right Out: 1719.517+/-0.505 χ^2/NDF : 378726.7/16

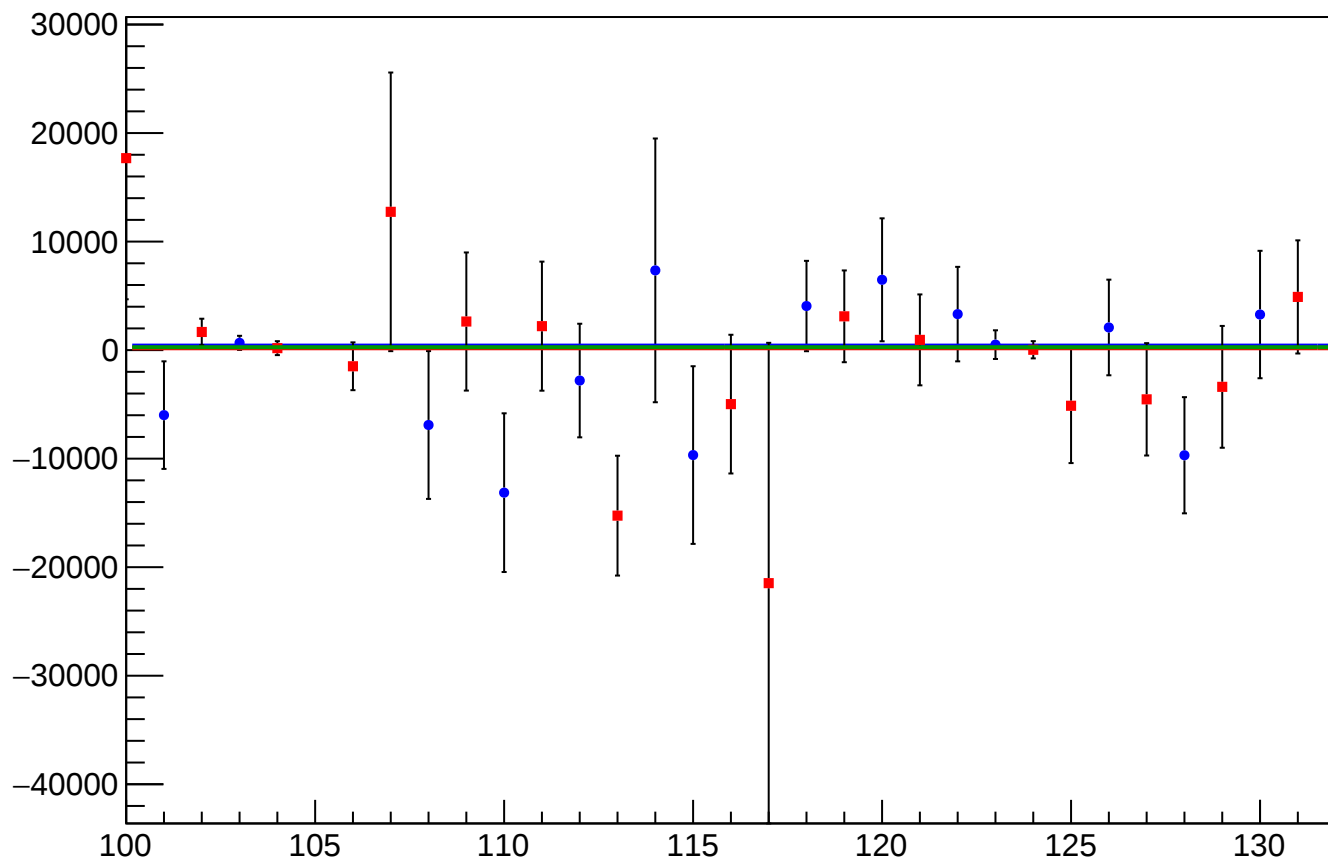
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1676.973+/-0.507 χ^2/NDF : 169874.1/14

1698.336+/-0.358 χ^2/NDF : 552131.8/31

1719.517+/-0.505 χ^2/NDF : 378726.7/16

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 416.389+/-543.709 χ^2/NDF : 15.4/14

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

Right Out: 170.102+/-435.304 χ^2/NDF : 18.1/16

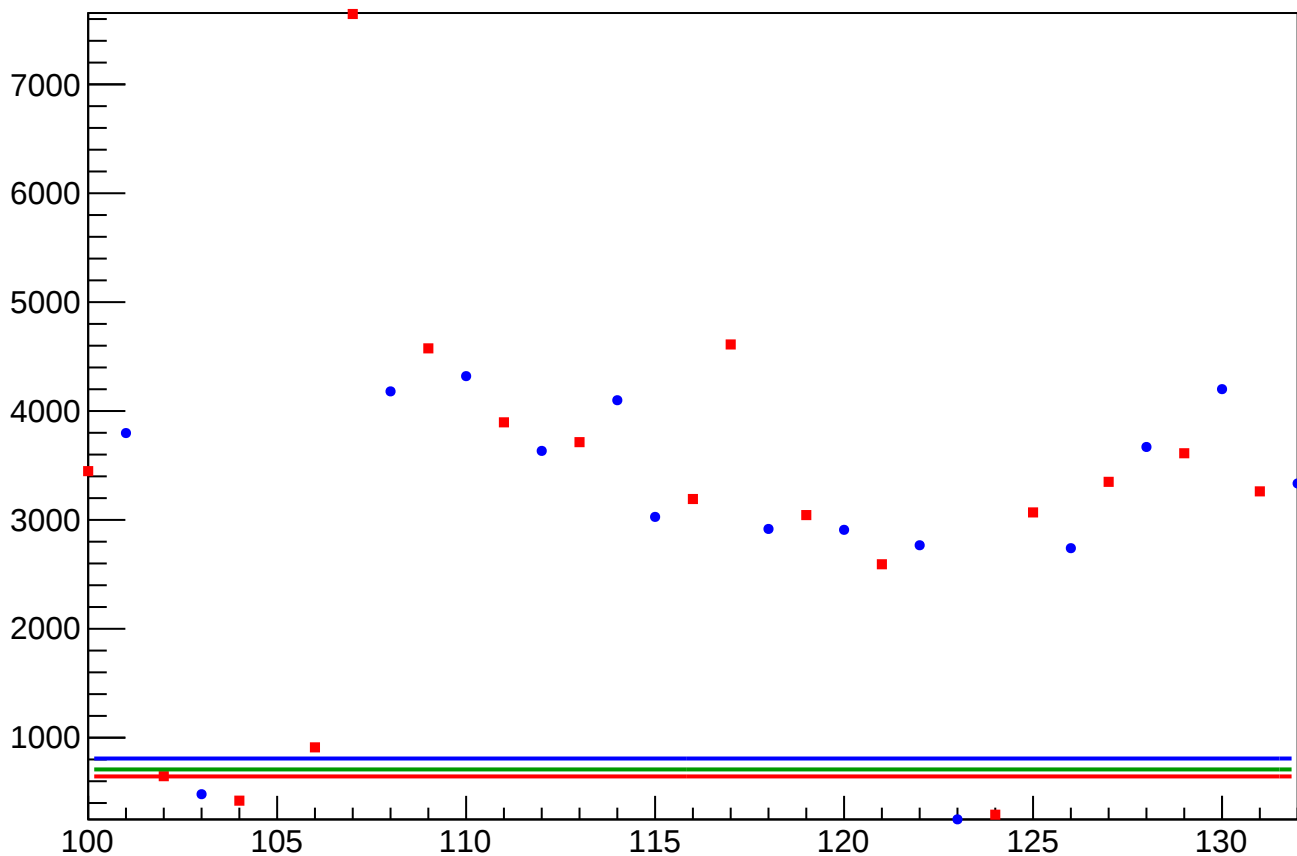
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

416.389+/-543.709 χ^2/NDF : 15.4/14

266.305+/-339.813 χ^2/NDF : 33.7/31

170.102+/-435.304 χ^2/NDF : 18.1/16

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 808.665+/-0.384 χ^2/NDF : 6706059.9/14

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

Right Out: 644.119+/-0.308 χ^2/NDF : 6821911.0/16

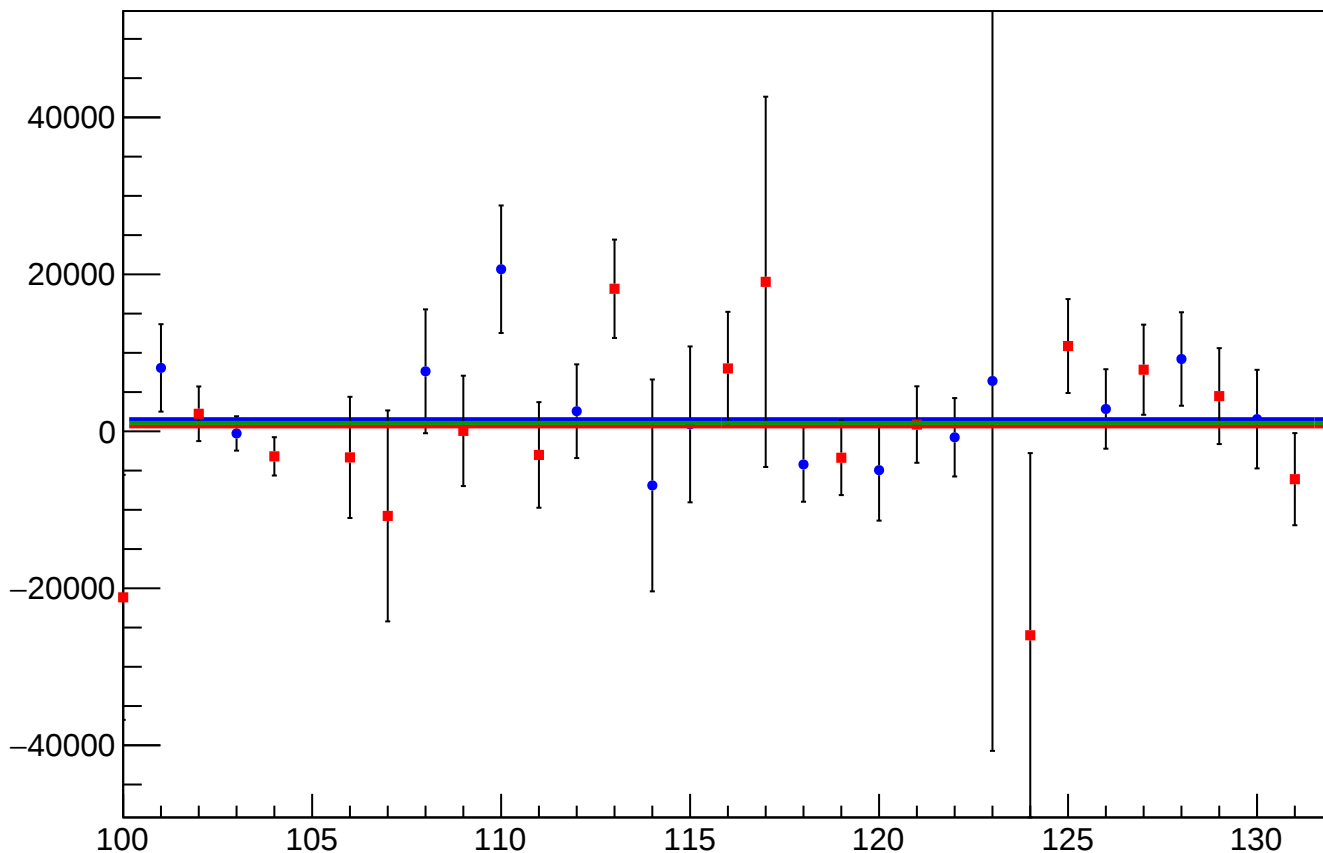
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

808.665+/-0.384 χ^2/NDF : 6706059.9/14

708.393+/-0.240 χ^2/NDF : 13639597.8/31

644.119+/-0.308 χ^2/NDF : 6821911.0/16

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1547.189+/-1352.809 χ^2 /NDF: 13.1/14

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

Right Out: 628.925+/-1326.927 χ^2 /NDF: 23.6/16

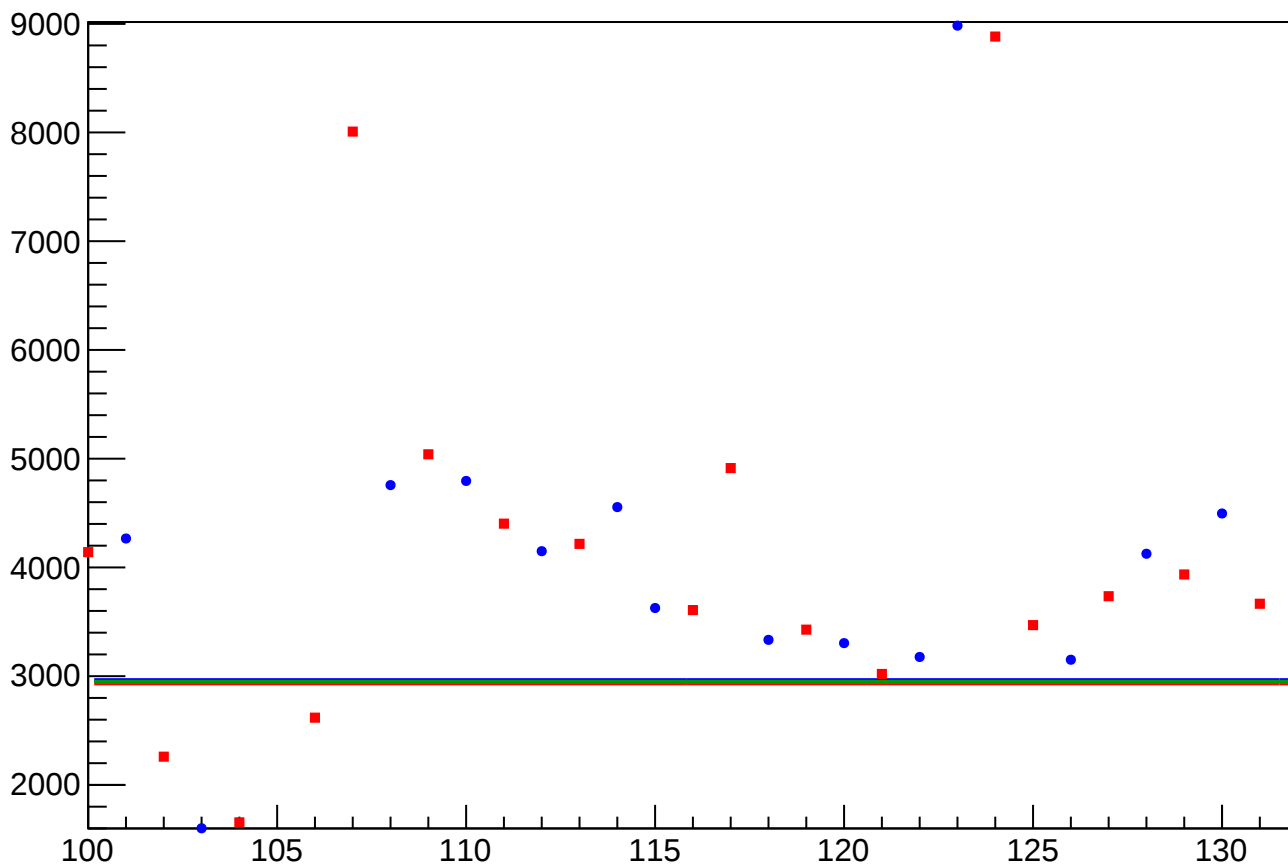
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1547.189+/-1352.809 χ^2 /NDF: 13.1/14

1079.189+/-947.297 χ^2 /NDF: 37.0/31

628.925+/-1326.927 χ^2 /NDF: 23.6/16

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2963.468+/-0.957 χ^2/NDF : 1491089.5/14

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

Right Out: 2933.731+/-0.924 χ^2/NDF : 1611151.2/16

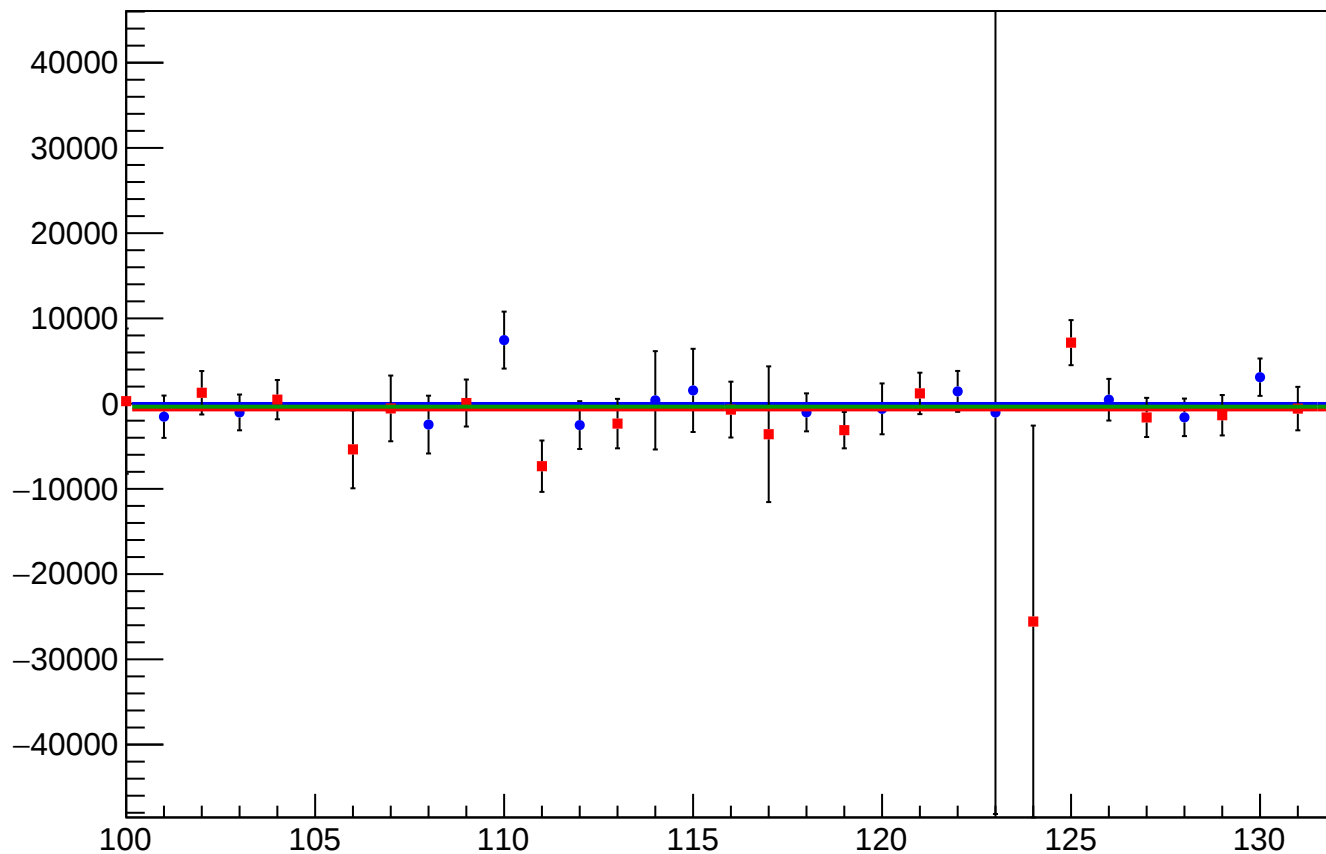
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2963.468+/-0.957 χ^2/NDF : 1491089.5/14

2948.082+/-0.665 χ^2/NDF : 3102740.7/31

2933.731+/-0.924 χ^2/NDF : 1611151.2/16

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -41.734 ± 707.923 χ^2/NDF : 10.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -676.817 ± 707.925 χ^2/NDF : 19.4/16

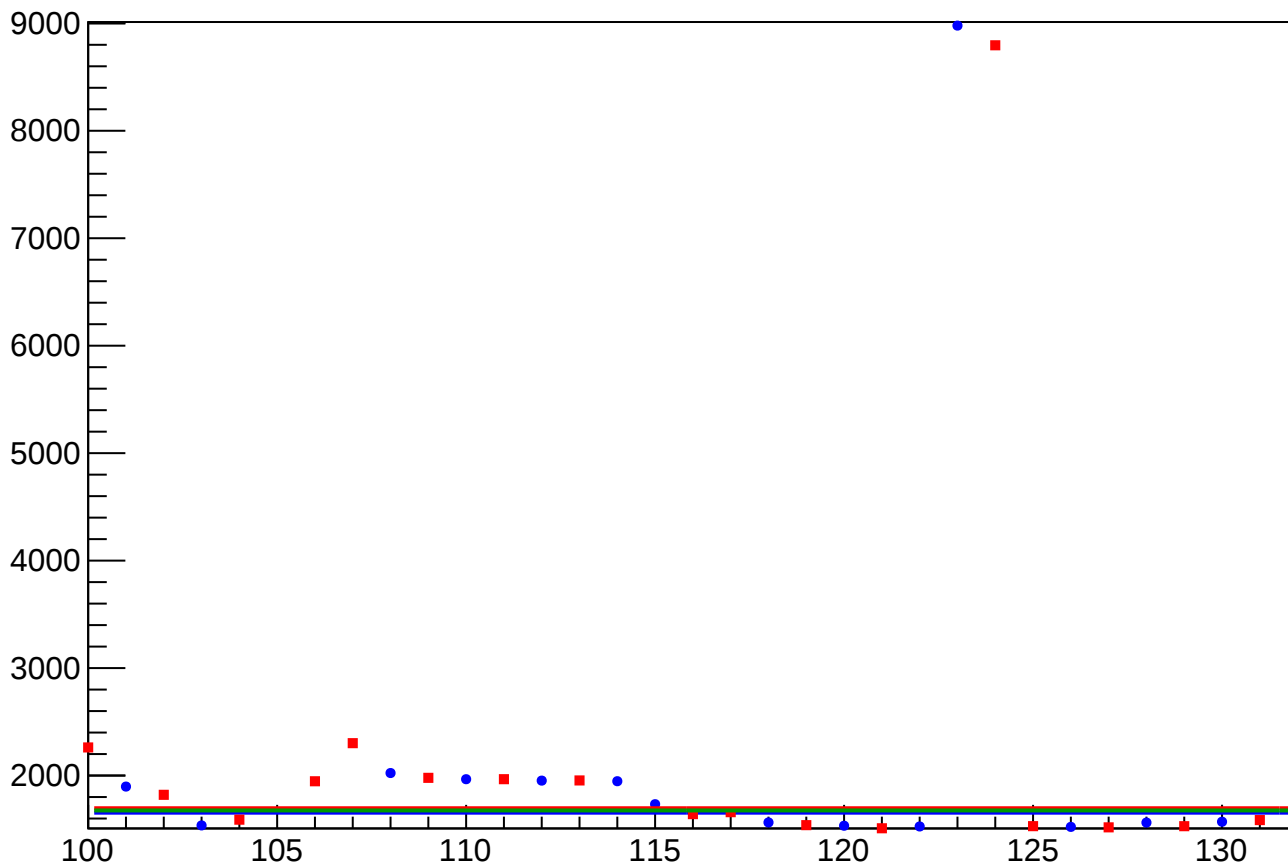
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.734 ± 707.923 χ^2/NDF : 10.4/14

-359.275 ± 500.578 χ^2/NDF : 30.2/31

-676.817 ± 707.925 χ^2/NDF : 19.4/16

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.540+/-0.501 χ^2 /NDF: 169879.1/14

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

Right Out: 1695.694+/-0.498 χ^2 /NDF: 376450.6/16

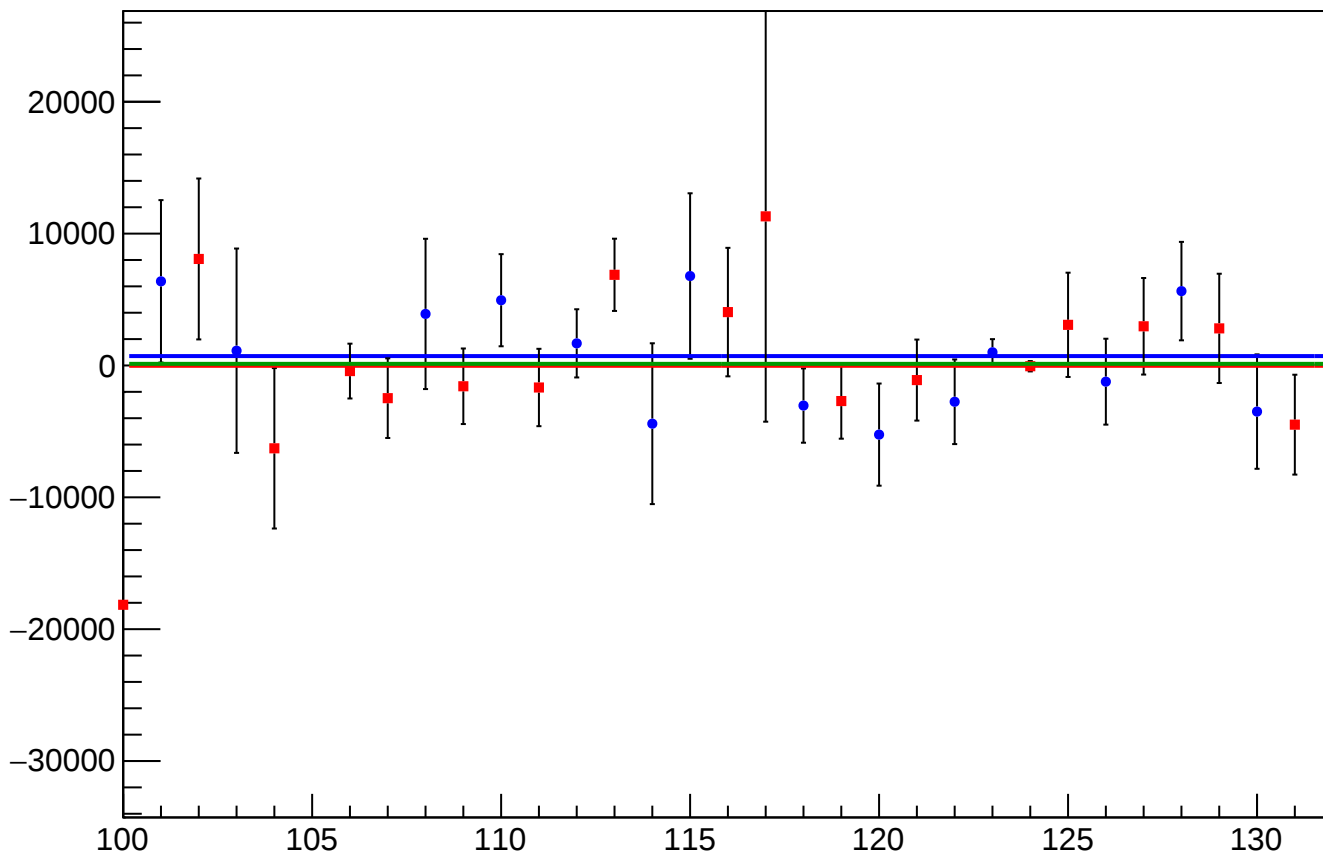
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1654.540+/-0.501 χ^2 /NDF: 169879.1/14

1675.219+/-0.353 χ^2 /NDF: 549725.9/31

1695.694+/-0.498 χ^2 /NDF: 376450.6/16

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 712.006+/-716.003 χ^2/NDF : 13.4/14

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

Right Out: -25.053+/-358.669 χ^2/NDF : 17.1/16

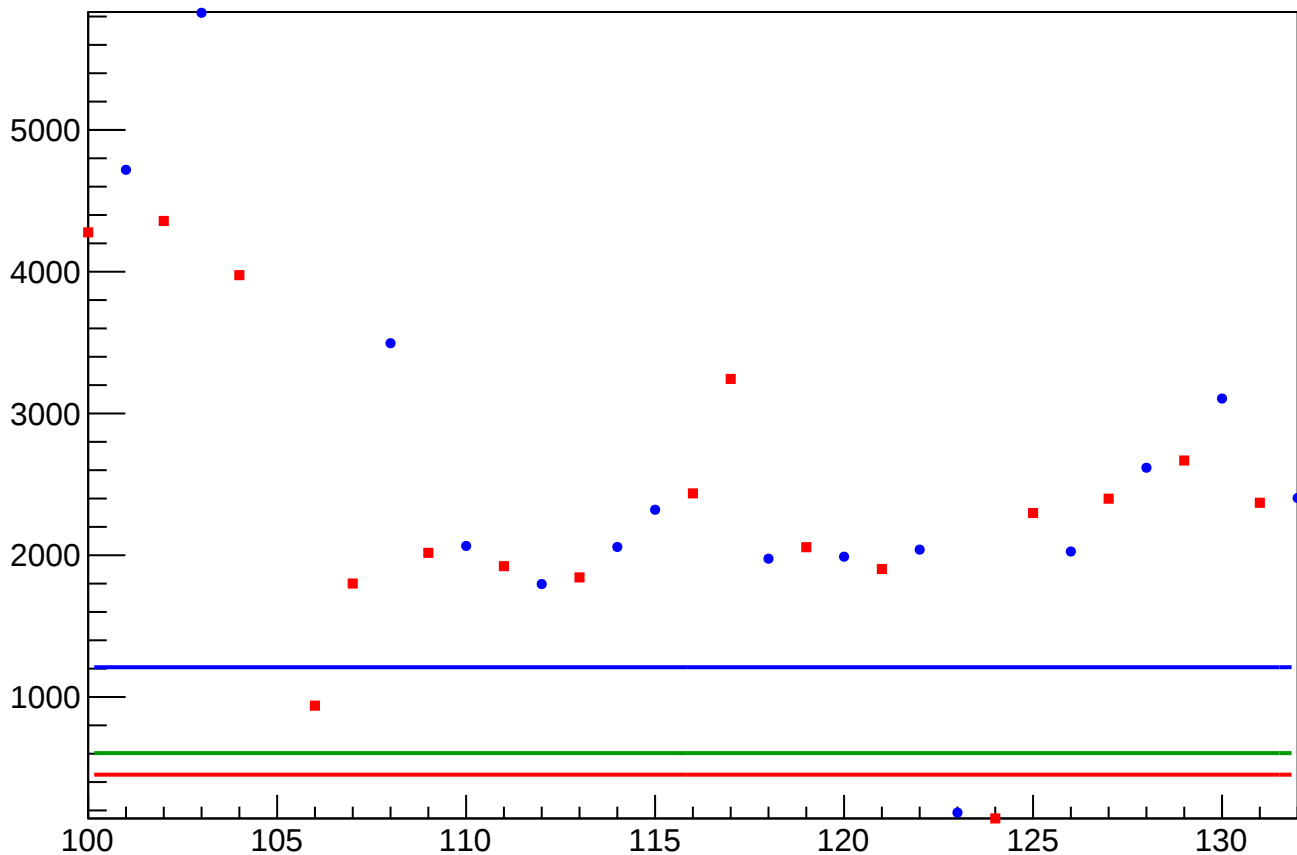
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

712.006+/-716.003 χ^2/NDF : 13.4/14

122.799+/-320.684 χ^2/NDF : 31.4/31

-25.053+/-358.669 χ^2/NDF : 17.1/16

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1210.100+/-0.506 χ^2/NDF : 5491524.3/14

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

Right Out: 452.155+/-0.254 χ^2/NDF : 8516077.1/16

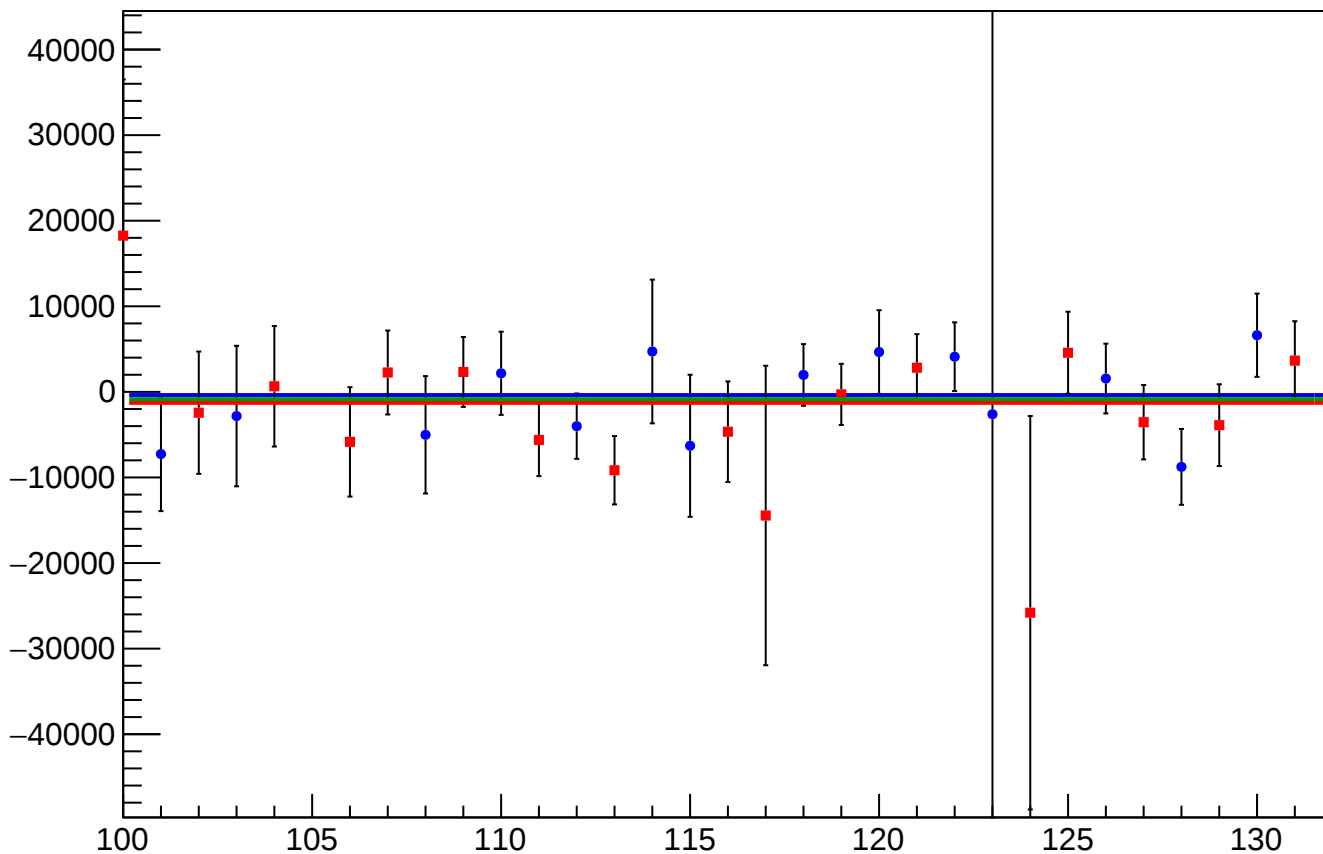
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1210.100+/-0.506 χ^2/NDF : 5491524.3/14

604.196+/-0.227 χ^2/NDF : 15799200.7/31

452.155+/-0.254 χ^2/NDF : 8516077.1/16

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -371.056+/-1312.097 χ^2/NDF : 13.2/14

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

Right Out: -1279.376+/-1237.973 χ^2/NDF : 14.4/16

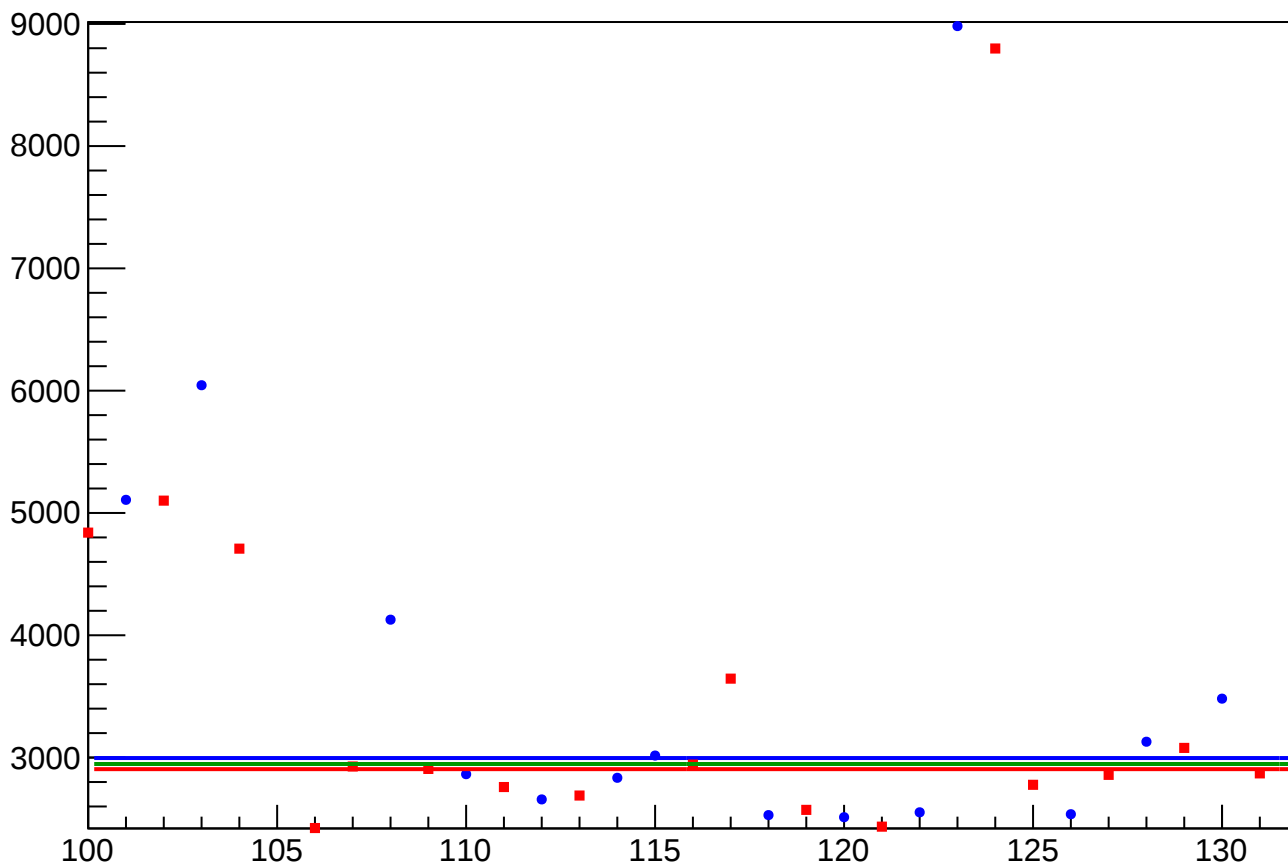
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-371.056+/-1312.097 χ^2/NDF : 13.2/14

-851.596+/-900.444 χ^2/NDF : 27.8/31

-1279.376+/-1237.973 χ^2/NDF : 14.4/16

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2996.089+/-0.928 χ^2/NDF : 706605.2/14

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

Right Out: 2905.254+/-0.864 χ^2/NDF : 555943.3/16

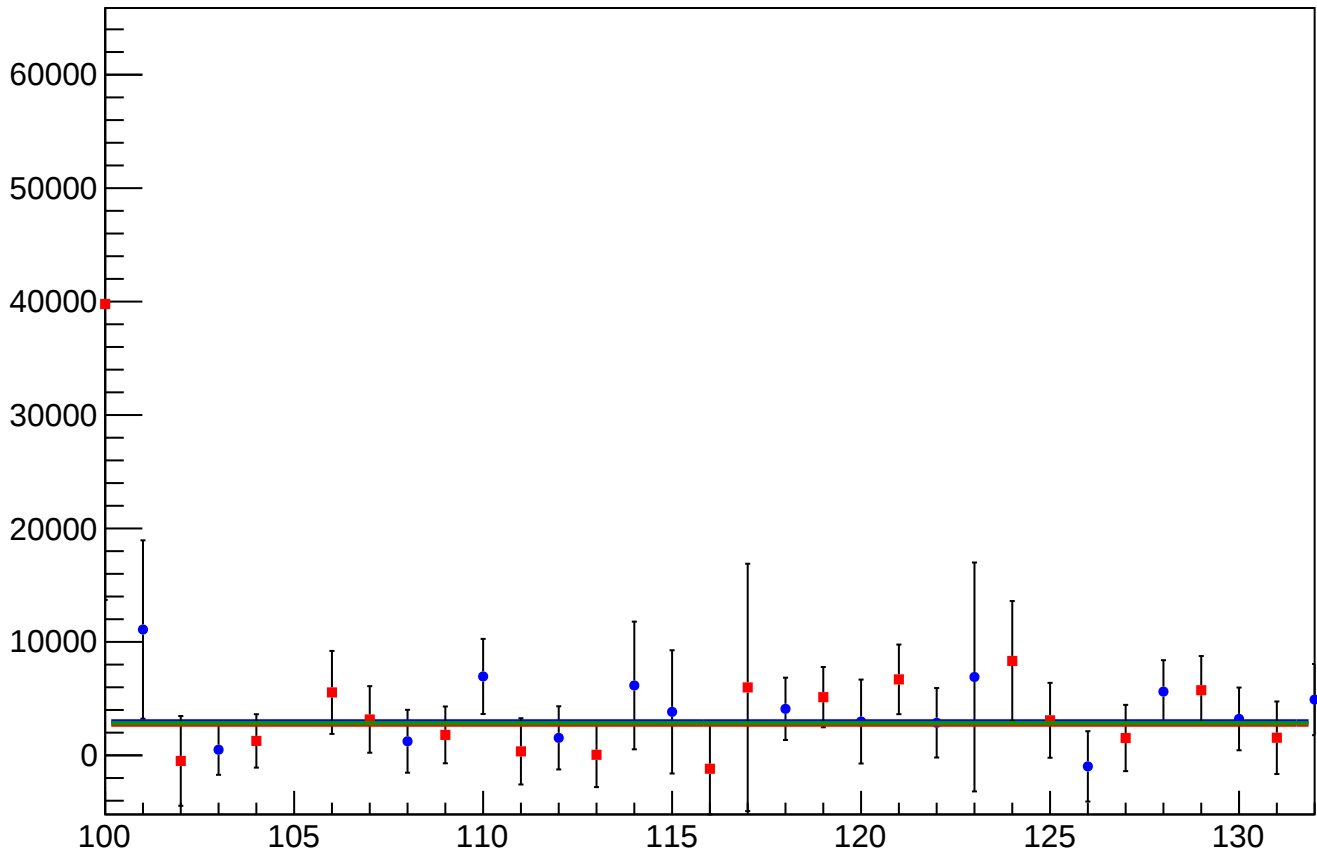
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2996.089+/-0.928 χ^2/NDF : 706605.2/14

2947.422+/-0.632 χ^2/NDF : 1267684.1/31

2905.254+/-0.864 χ^2/NDF : 555943.3/16

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3006.986 $\pm$ 837.778 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2696.250 $\pm$ 788.703 χ^2 /NDF: 11.3/16

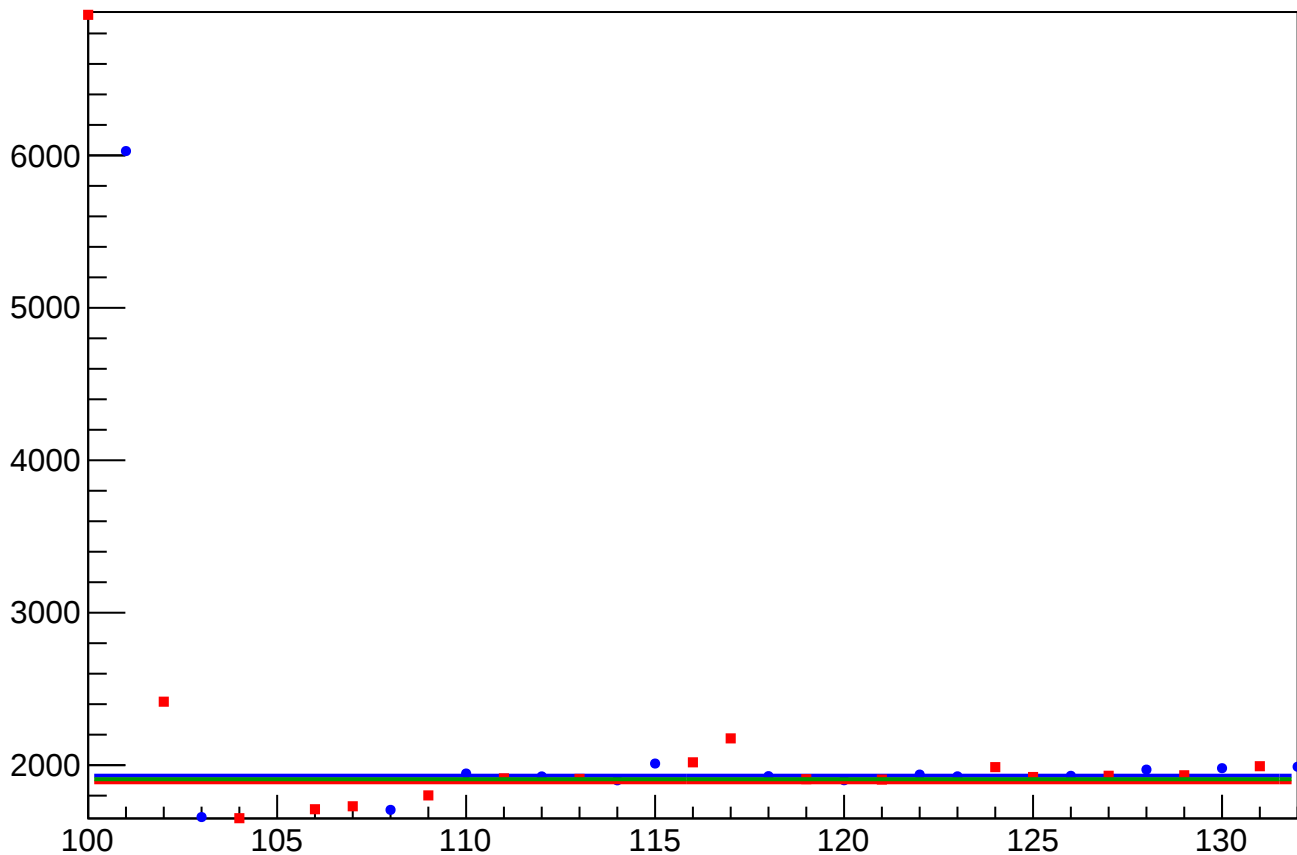
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3006.986 $\pm$ 837.778 χ^2 /NDF: 8.0/14

2842.251 $\pm$ 574.263 χ^2 /NDF: 19.4/31

2696.250 $\pm$ 788.703 χ^2 /NDF: 11.3/16

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1930.780 $\pm$ 0.592 χ^2 /NDF: 588708.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1887.672 $\pm$ 0.556 χ^2 /NDF: 151511.3/16

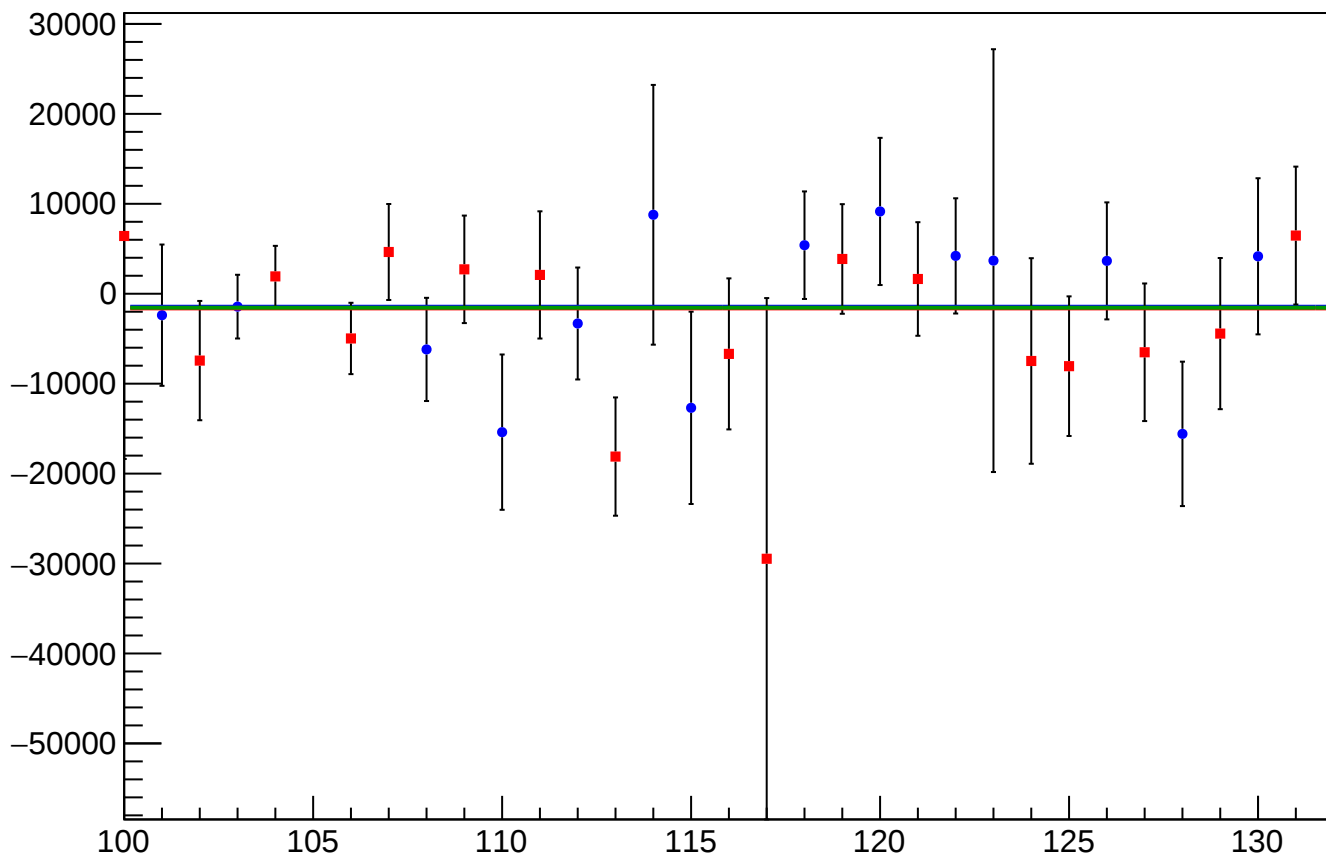
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1930.780 $\pm$ 0.592 χ^2 /NDF: 588708.9/14

1907.869 $\pm$ 0.405 χ^2 /NDF: 743034.4/31

1887.672 $\pm$ 0.556 χ^2 /NDF: 151511.3/16

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1446.623+/-1774.589 χ^2/NDF : 13.0/14

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

Right Out: -1627.585+/-1541.642 χ^2/NDF : 16.1/16

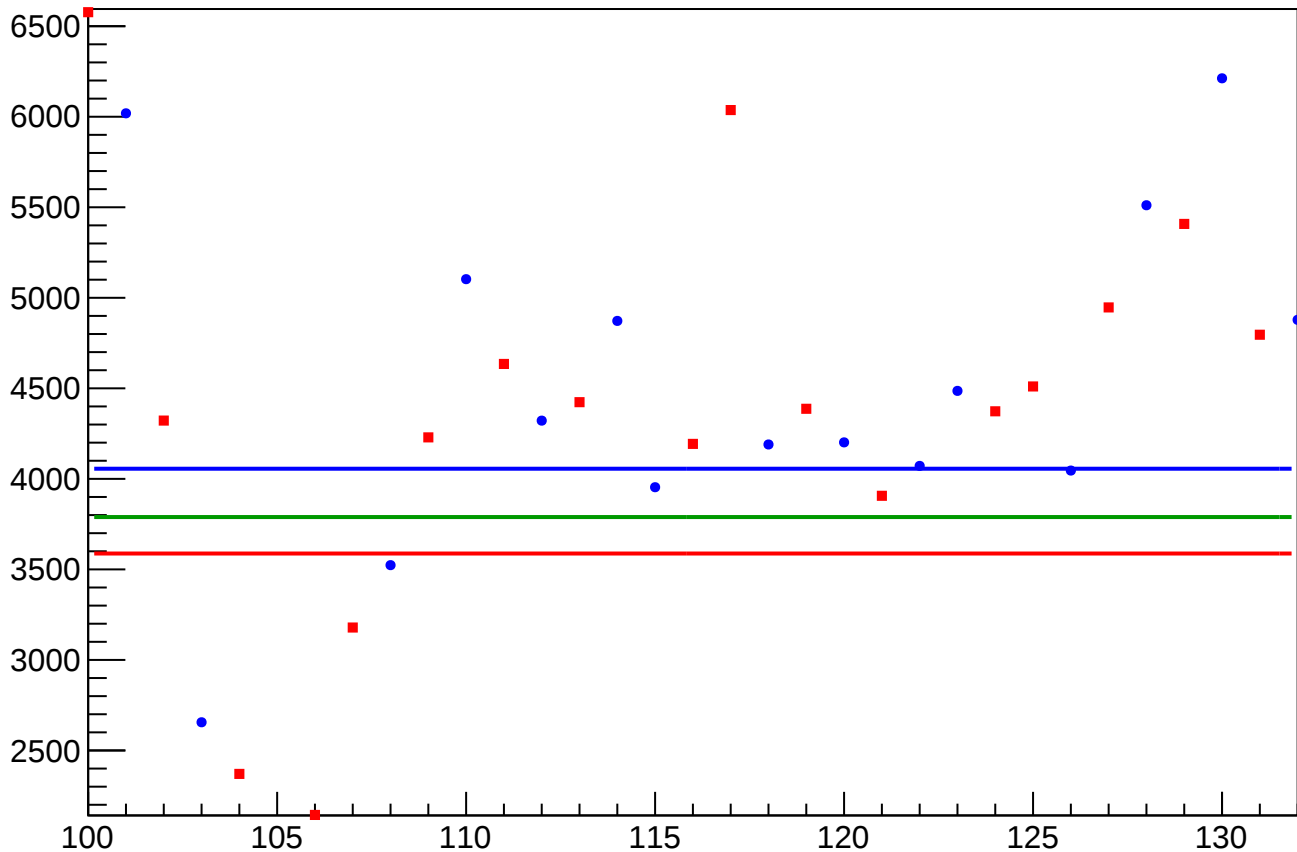
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1446.623+/-1774.589 χ^2/NDF : 13.0/14

-1549.753+/-1163.812 χ^2/NDF : 29.1/31

-1627.585+/-1541.642 χ^2/NDF : 16.1/16

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4056.001 $\pm$ 1.255 χ^2 /NDF: 708622.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3587.683 $\pm$ 1.090 χ^2 /NDF: 995036.1/16

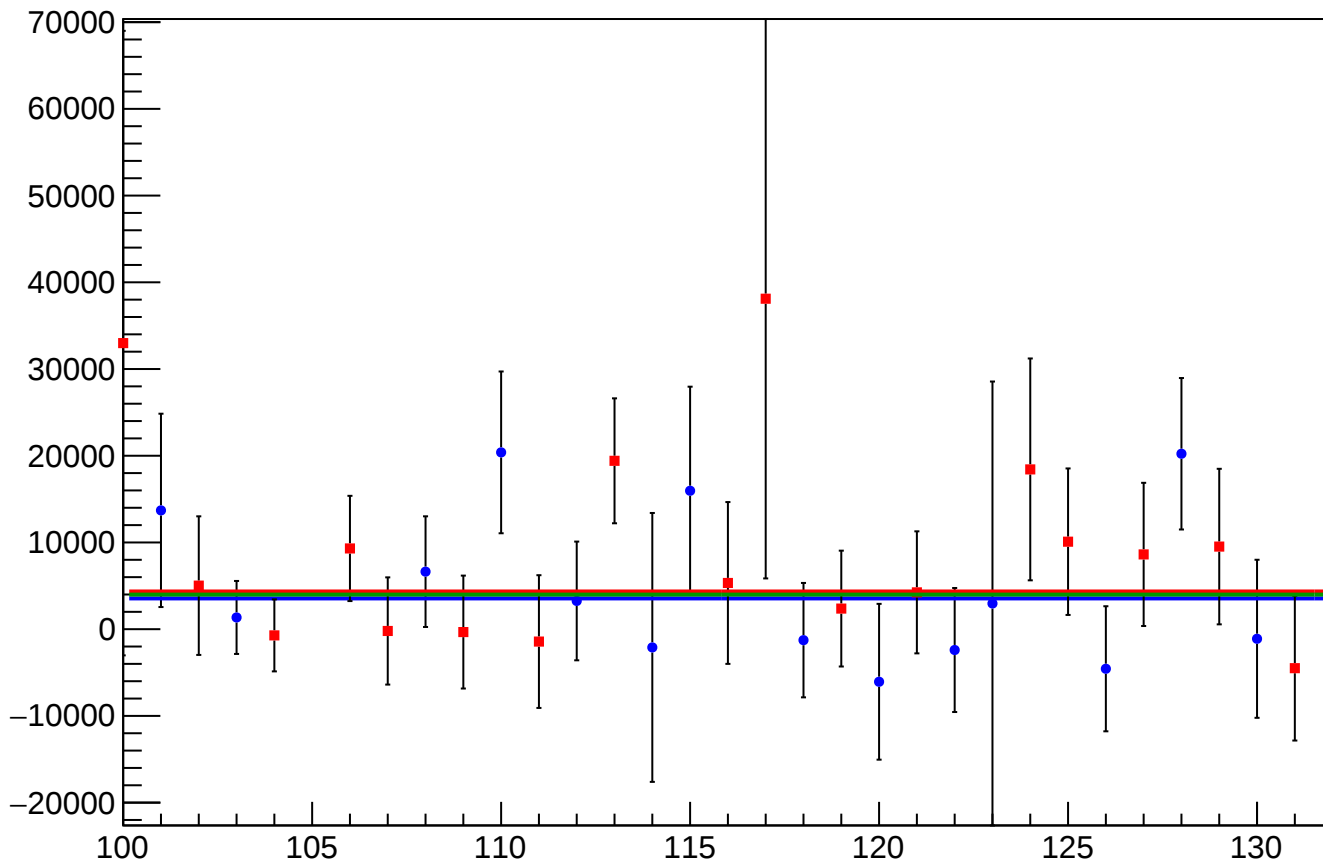
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4056.001 $\pm$ 1.255 χ^2 /NDF: 708622.9/14

3789.107 $\pm$ 0.823 χ^2 /NDF: 1783039.7/31

3587.683 $\pm$ 1.090 χ^2 /NDF: 995036.1/16

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3546.627+/-2006.973 χ^2/NDF : 13.6/14

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

Right Out: 4347.347+/-1812.608 χ^2/NDF : 13.4/16

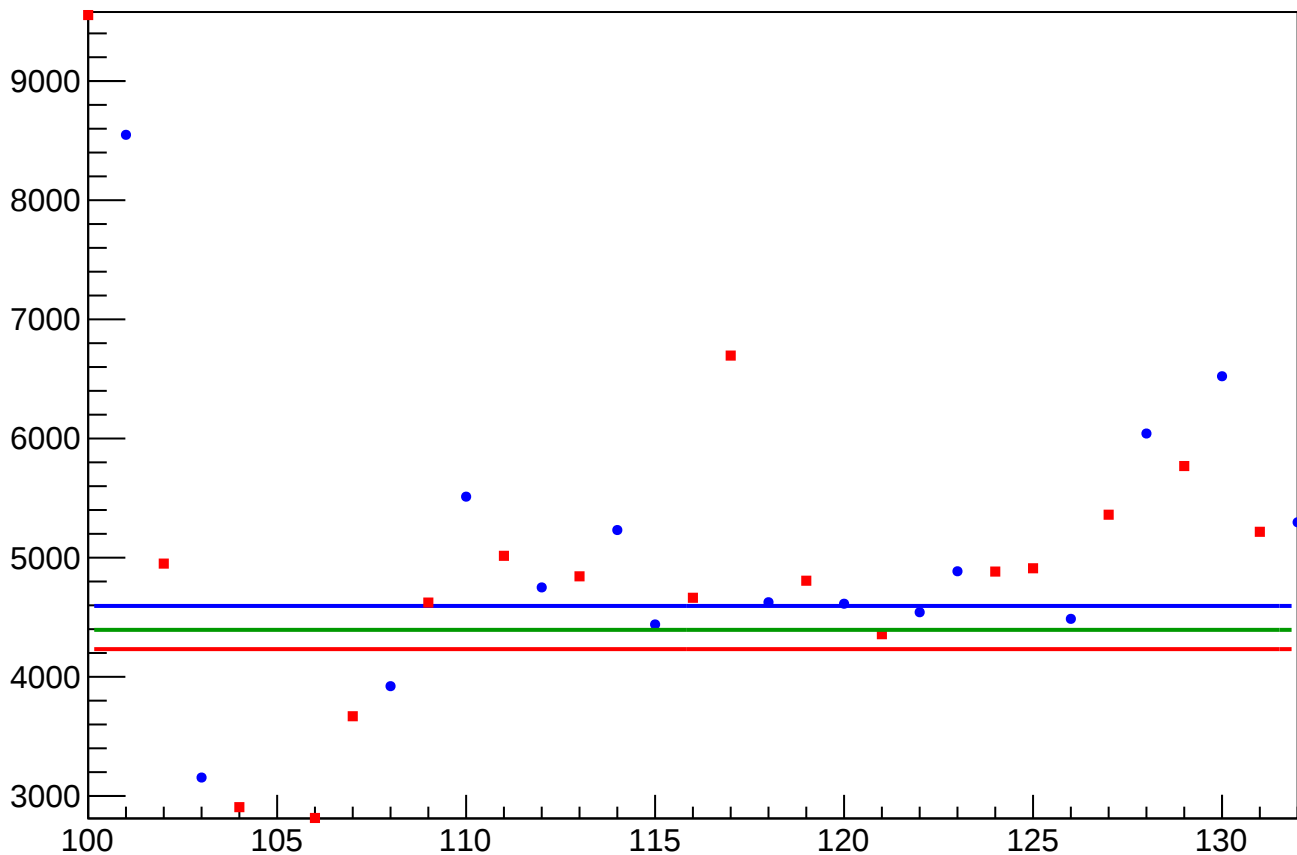
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3546.627+/-2006.973 χ^2/NDF : 13.6/14

3987.628+/-1345.188 χ^2/NDF : 27.0/31

4347.347+/-1812.608 χ^2/NDF : 13.4/16

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4594.885 $\pm$ 1.419 χ^2 /NDF: 691658.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4232.424 $\pm$ 1.274 χ^2 /NDF: 621172.1/16

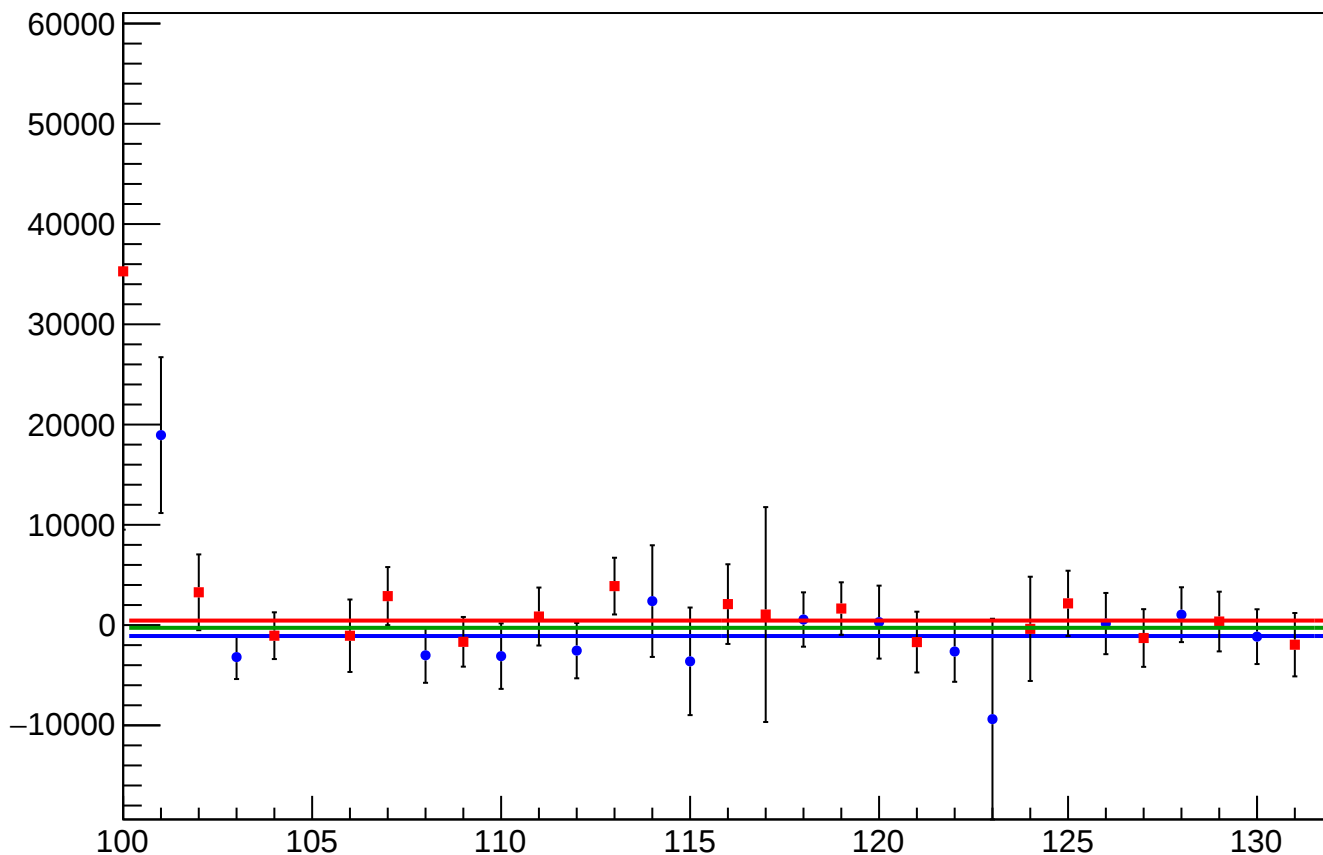
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4594.885 $\pm$ 1.419 χ^2 /NDF: 691658.9/14

4394.112 $\pm$ 0.948 χ^2 /NDF: 1348964.7/31

4232.424 $\pm$ 1.274 χ^2 /NDF: 621172.1/16

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1090.584 ± 827.402 χ^2/NDF : 12.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 450.104 ± 778.432 χ^2/NDF : 8.0/16

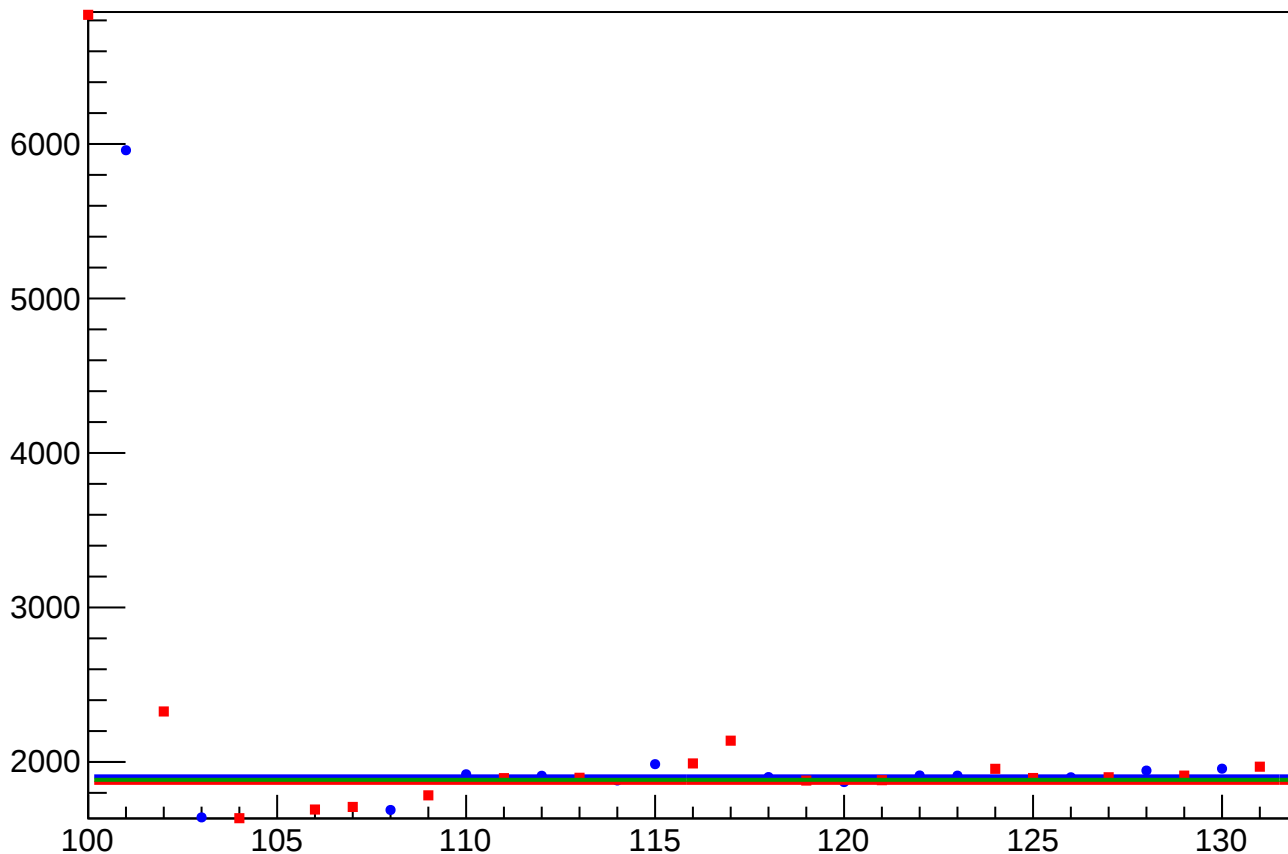
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1090.584 ± 827.402 χ^2/NDF : 12.1/14

-273.300 ± 566.956 χ^2/NDF : 21.9/31

450.104 ± 778.432 χ^2/NDF : 8.0/16

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1906.884+/-0.585 χ^2/NDF : 587983.2/14

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

Right Out: 1864.770+/-0.549 χ^2/NDF : 144329.0/16

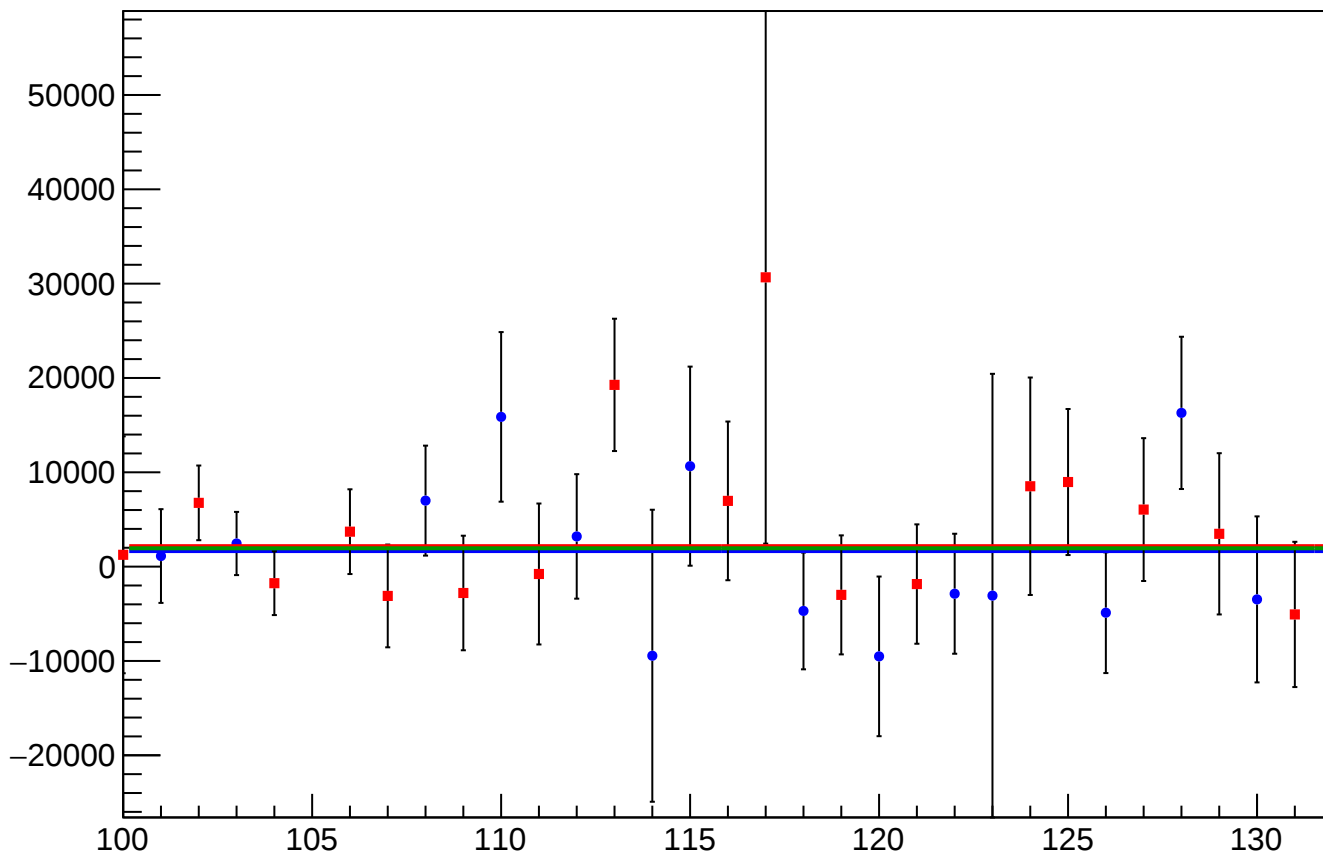
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1906.884+/-0.585 χ^2/NDF : 587983.2/14

1884.490+/-0.400 χ^2/NDF : 735067.4/31

1864.770+/-0.549 χ^2/NDF : 144329.0/16

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1648.864+/-1704.374 χ^2/NDF : 12.7/14

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

Right Out: 2170.536+/-1500.788 χ^2/NDF : 15.2/16

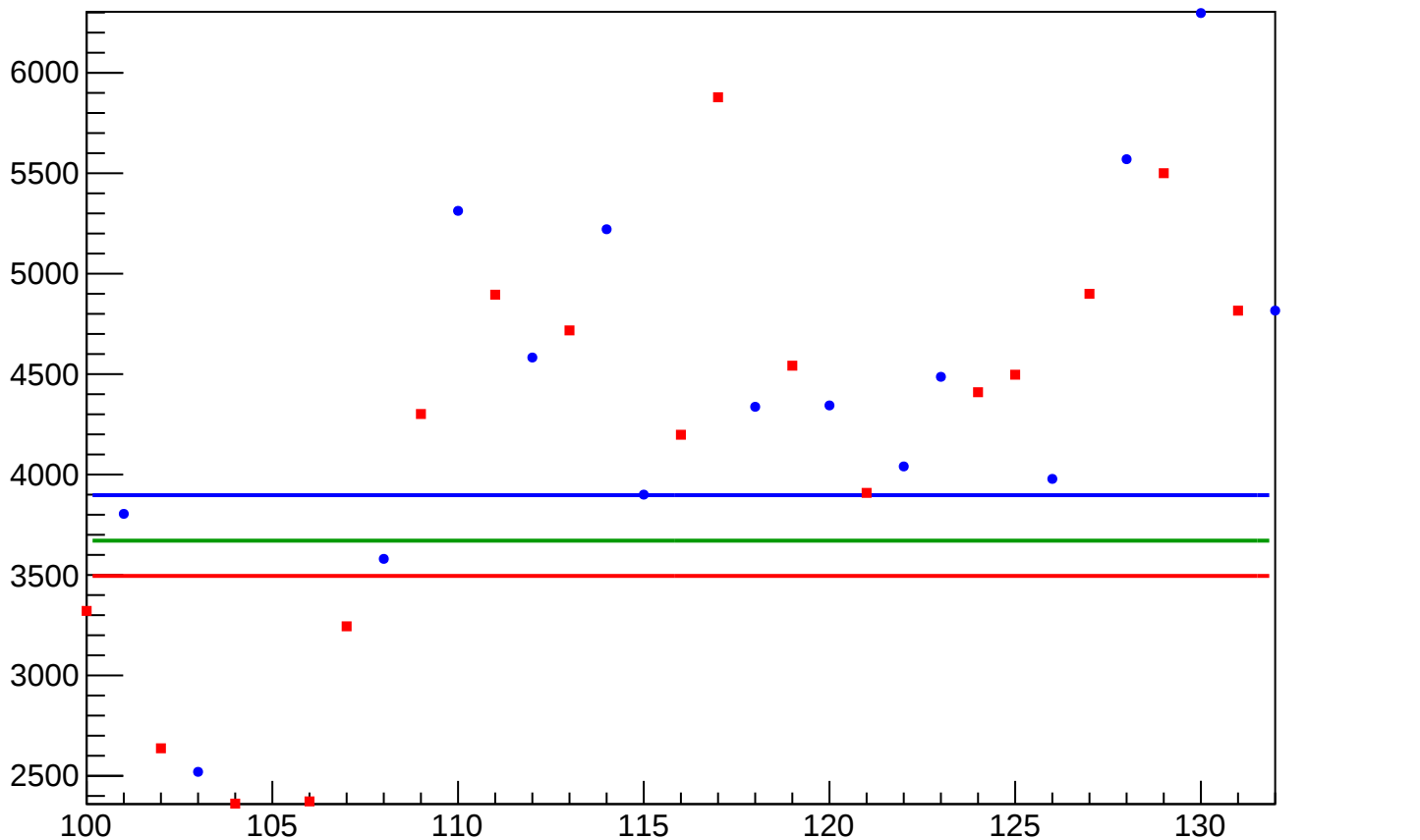
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1648.864+/-1704.374 χ^2/NDF : 12.7/14

1942.703+/-1126.354 χ^2/NDF : 28.0/31

2170.536+/-1500.788 χ^2/NDF : 15.2/16

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3897.310+/-1.205 χ^2/NDF : 712898.5/14

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

Right Out: 3495.318+/-1.061 χ^2/NDF : 990103.5/16

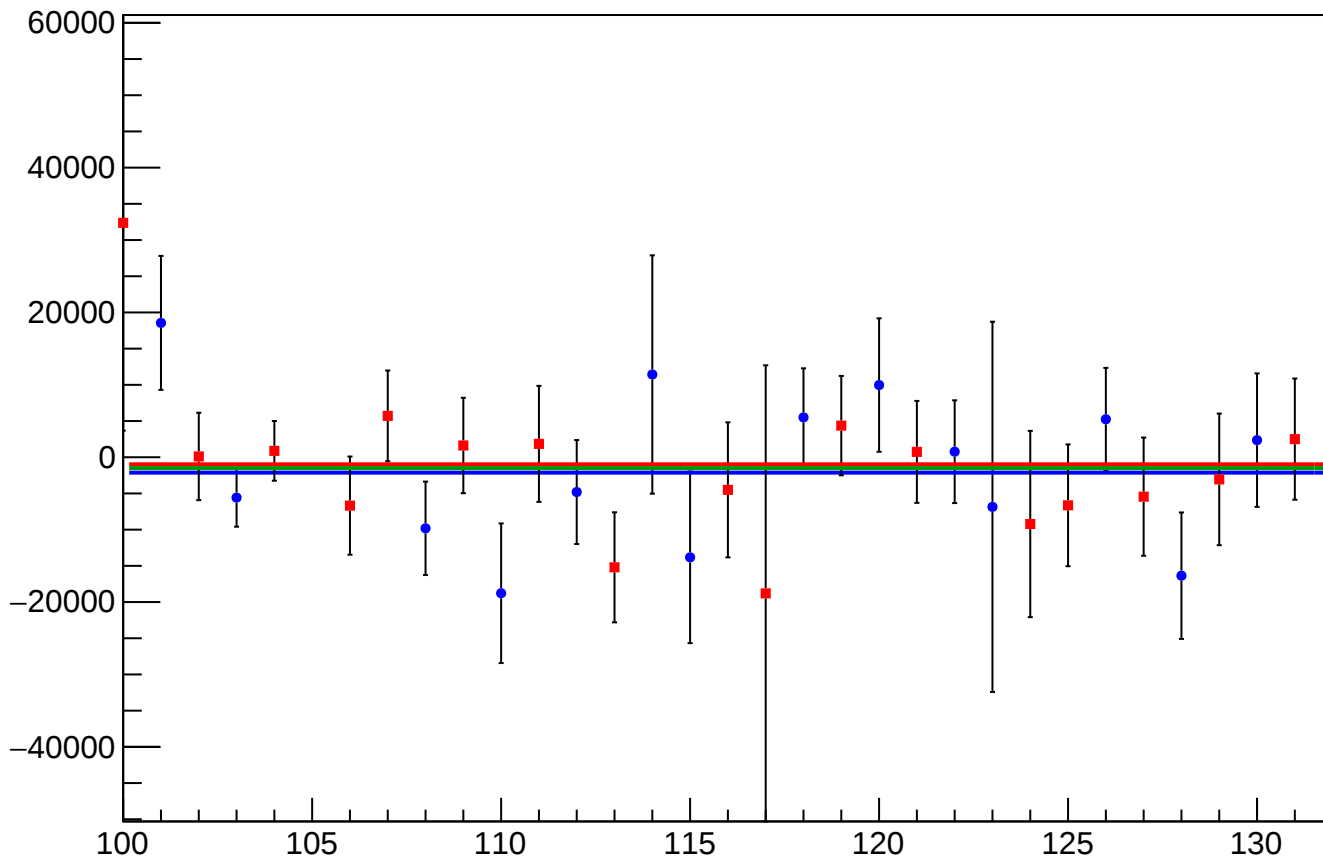
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3897.310+/-1.205 χ^2/NDF : 712898.5/14

3670.883+/-0.796 χ^2/NDF : 1765669.9/31

3495.318+/-1.061 χ^2/NDF : 990103.5/16

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2124.376 $\pm$ 1987.977 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -974.181 $\pm$ 1807.454 χ^2 /NDF: 9.7/16

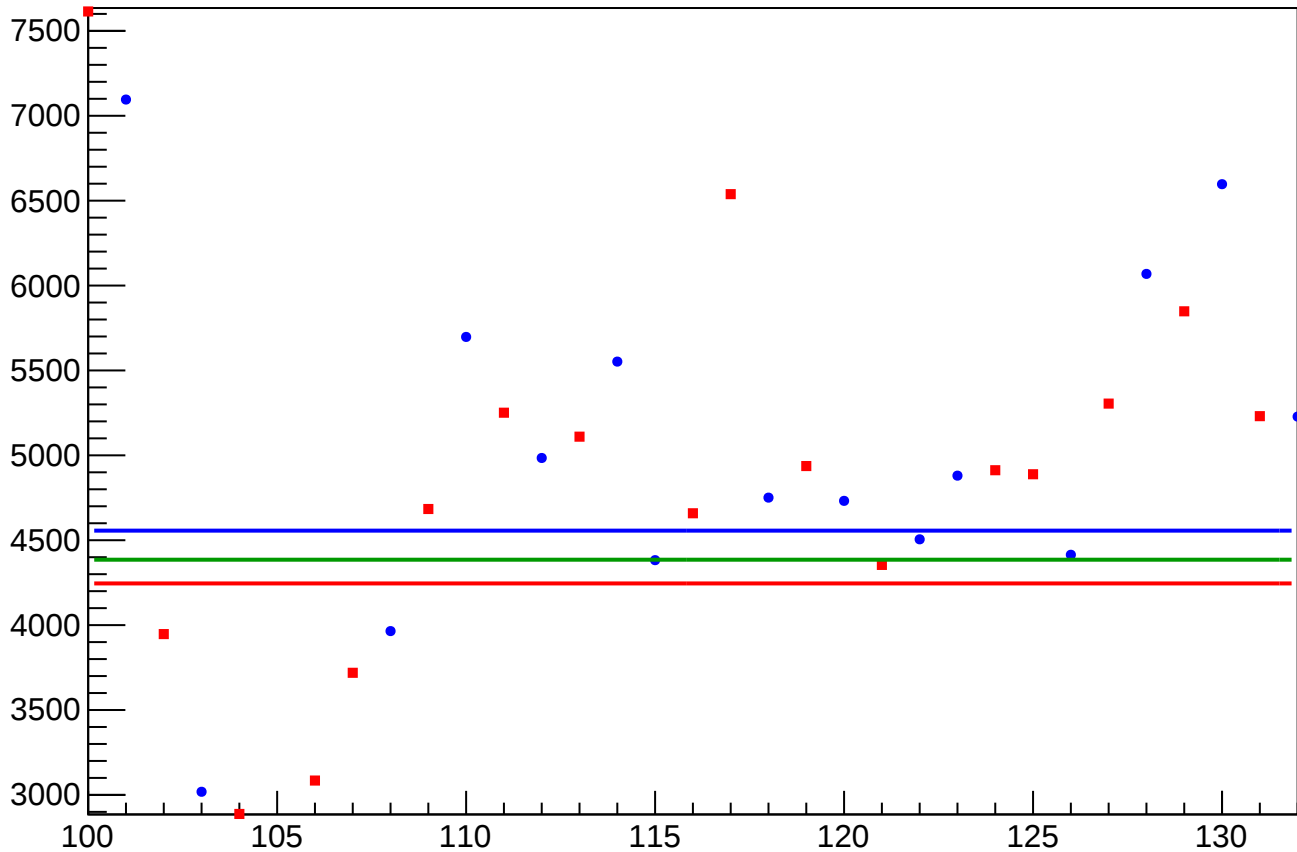
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2124.376 $\pm$ 1987.977 χ^2 /NDF: 19.3/14

-1494.695 $\pm$ 1337.340 χ^2 /NDF: 29.2/31

-974.181 $\pm$ 1807.454 χ^2 /NDF: 9.7/16

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4556.511+/-1.406 χ^2/NDF : 677979.2/14

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

Right Out: 4245.522+/-1.270 χ^2/NDF : 574701.0/16

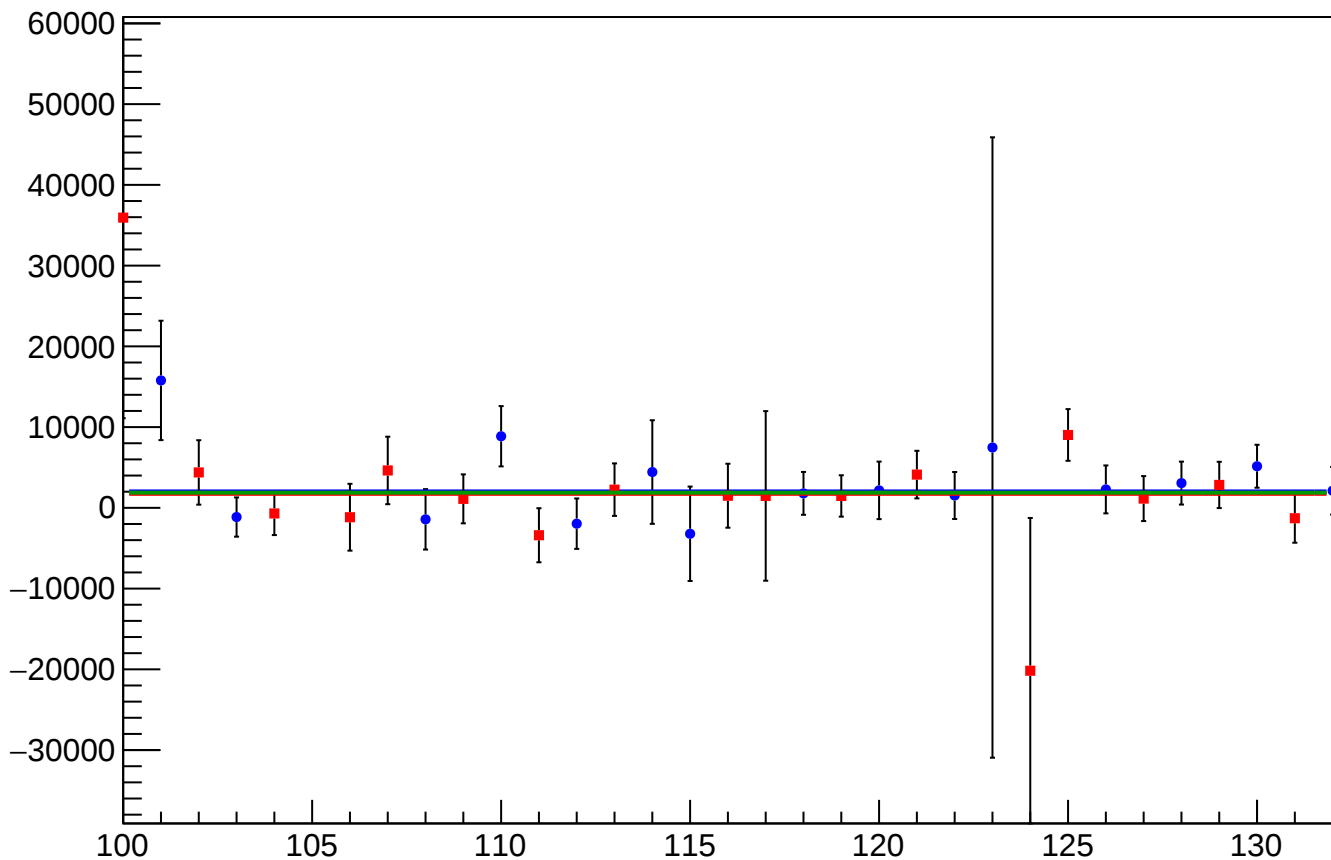
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4556.511+/-1.406 χ^2/NDF : 677979.2/14

4385.280+/-0.942 χ^2/NDF : 1279628.8/31

4245.522+/-1.270 χ^2/NDF : 574701.0/16

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2033.049+/-864.495 χ^2/NDF : 13.5/14

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

Right Out: 1735.048+/-841.457 χ^2/NDF : 14.9/16

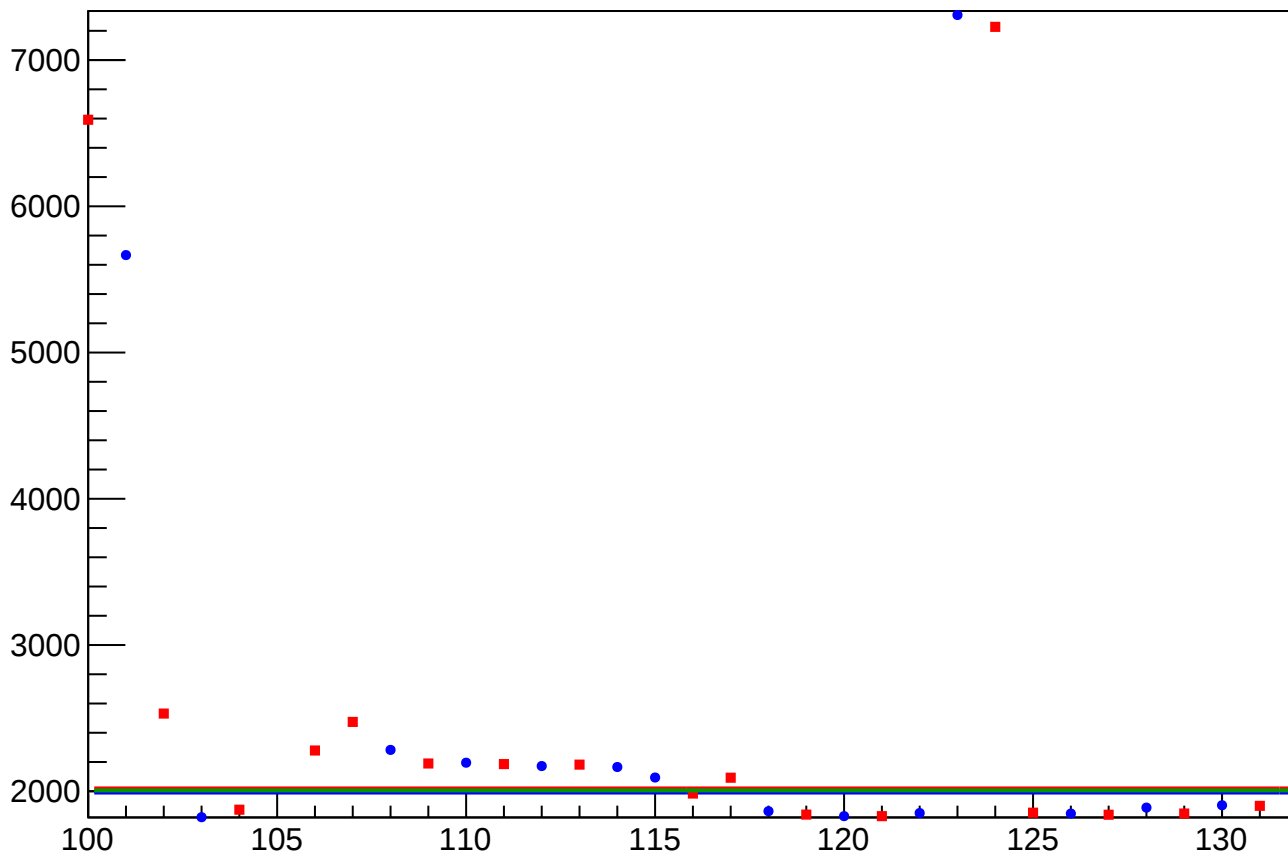
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2033.049+/-864.495 χ^2/NDF : 13.5/14

1880.025+/-602.980 χ^2/NDF : 28.5/31

1735.048+/-841.457 χ^2/NDF : 14.9/16

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1991.287+/-0.611 χ^2/NDF : 595425.0/14

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

Right Out: 2019.267+/-0.595 χ^2/NDF : 348234.3/16

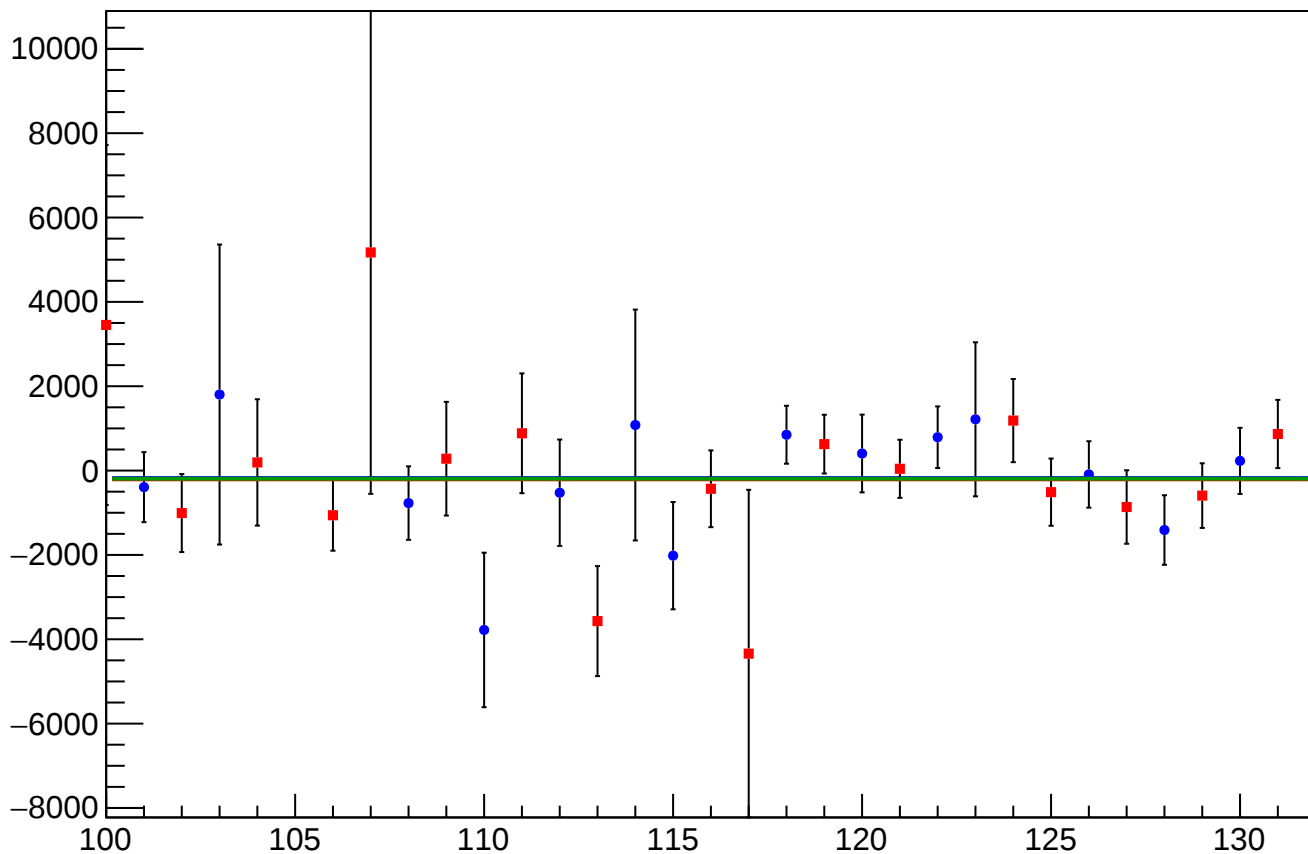
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1991.287+/-0.611 χ^2/NDF : 595425.0/14

2005.655+/-0.426 χ^2/NDF : 944735.2/31

2019.267+/-0.595 χ^2/NDF : 348234.3/16

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -178.367+/-250.992 χ^2/NDF : 15.3/14

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

Right Out: -206.491+/-240.111 χ^2/NDF : 18.3/16

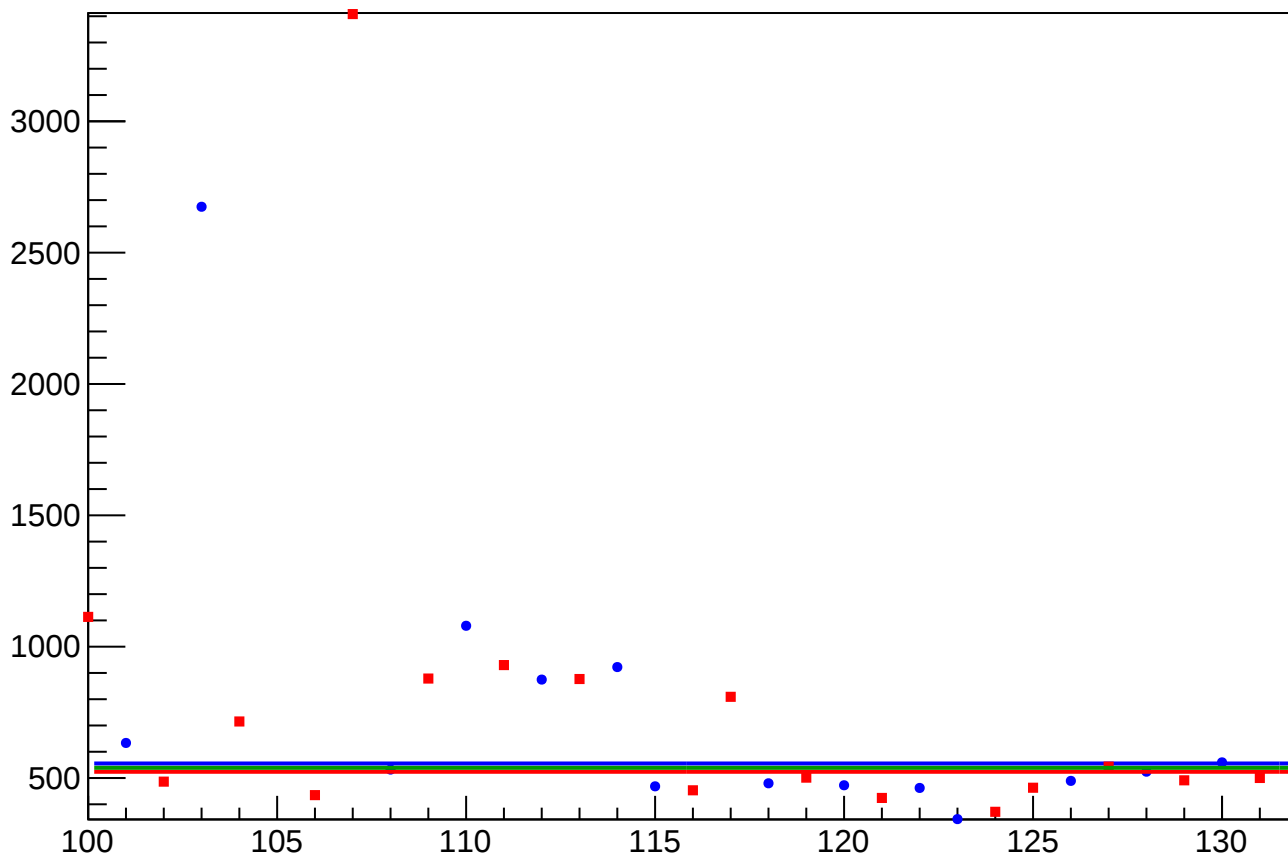
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-178.367+/-250.992 χ^2/NDF : 15.3/14

-193.052+/-173.503 χ^2/NDF : 33.6/31

-206.491+/-240.111 χ^2/NDF : 18.3/16

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 555.347+/-0.177 χ^2/NDF : 1185902.7/14

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

Right Out: 523.793+/-0.170 χ^2/NDF : 1185662.0/16

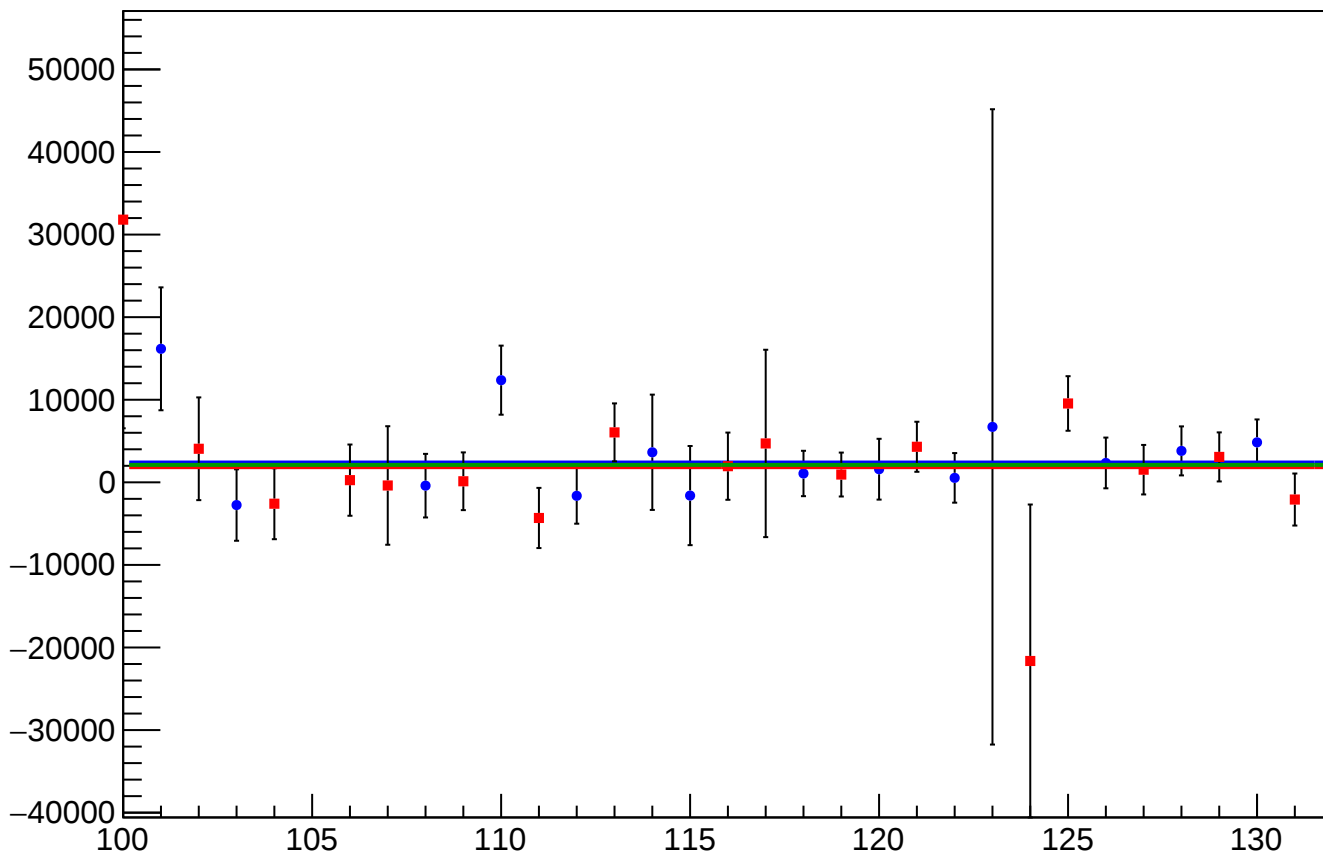
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

555.347+/-0.177 χ^2/NDF : 1185902.7/14

538.871+/-0.123 χ^2/NDF : 2388069.6/31

523.793+/-0.170 χ^2/NDF : 1185662.0/16

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2397.139+/-951.711 χ^2 /NDF: 14.7/14

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

Right Out: 1836.545+/-940.150 χ^2 /NDF: 16.9/16

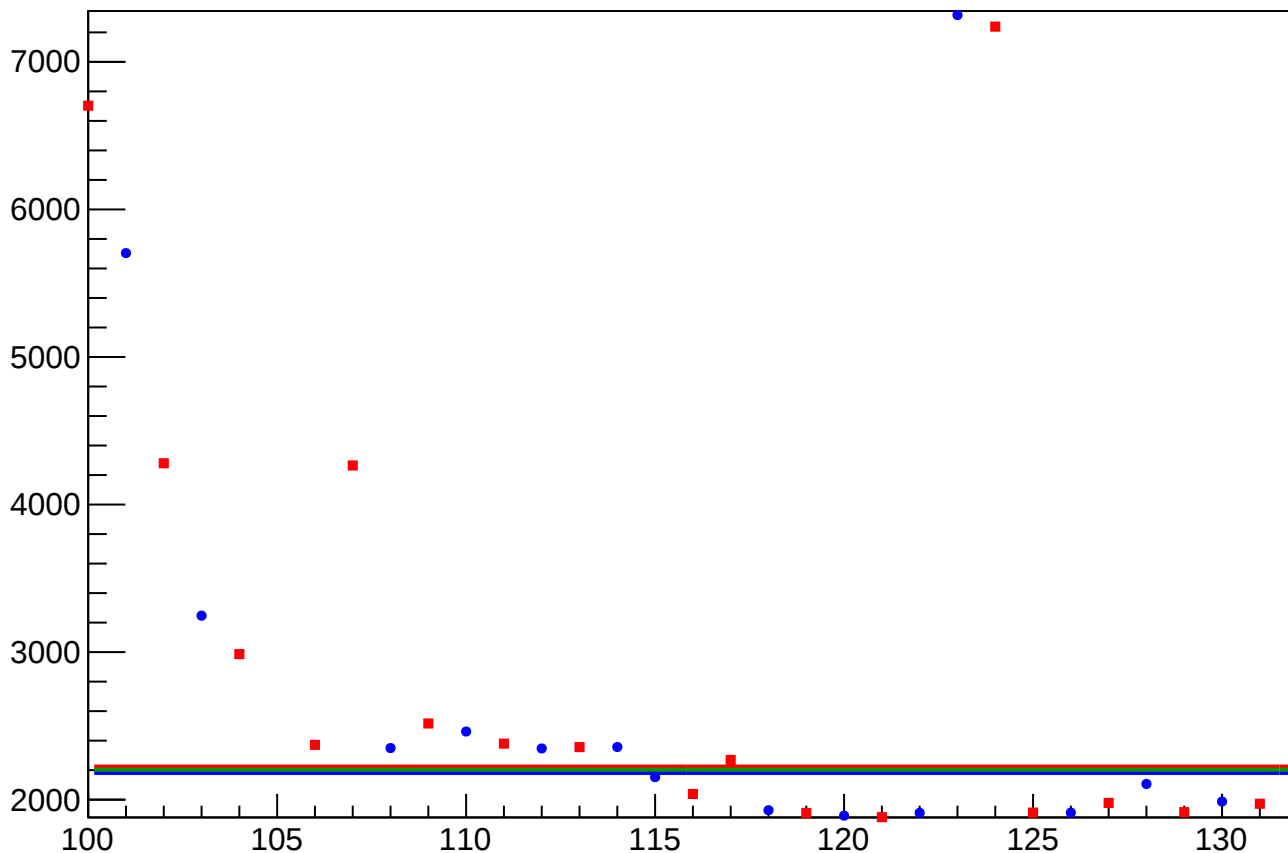
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2397.139+/-951.711 χ^2 /NDF: 14.7/14

2113.417+/-668.837 χ^2 /NDF: 31.8/31

1836.545+/-940.150 χ^2 /NDF: 16.9/16

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2181.136+/-0.673 χ^2/NDF : 705550.3/14

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

Right Out: 2224.500+/-0.665 χ^2/NDF : 792359.4/16

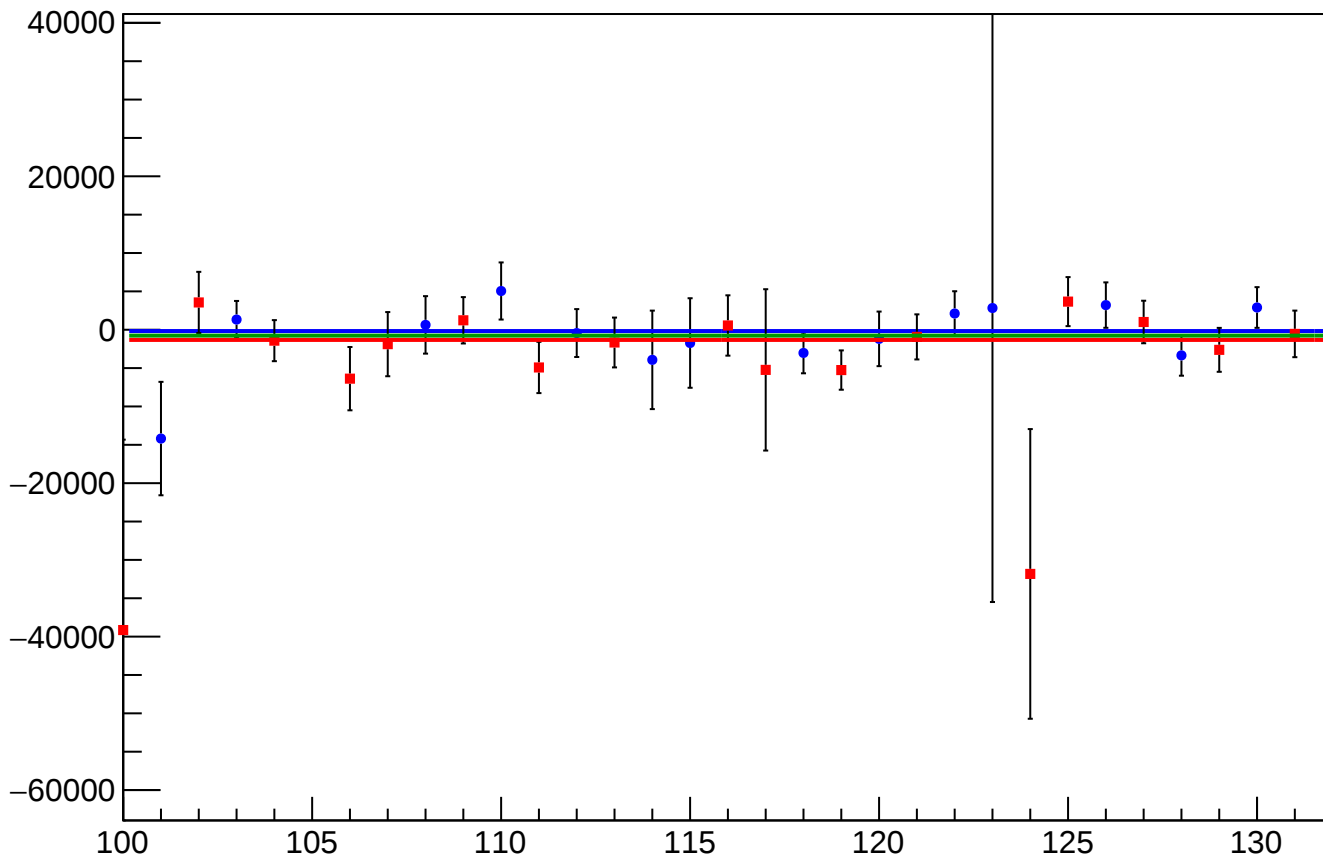
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2181.136+/-0.673 χ^2/NDF : 705550.3/14

2203.083+/-0.473 χ^2/NDF : 1500011.1/31

2224.500+/-0.665 χ^2/NDF : 792359.4/16

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -171.284+/-863.119 χ^2/NDF : 13.9/14

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

Right Out: -1328.428+/-840.032 χ^2/NDF : 16.0/16

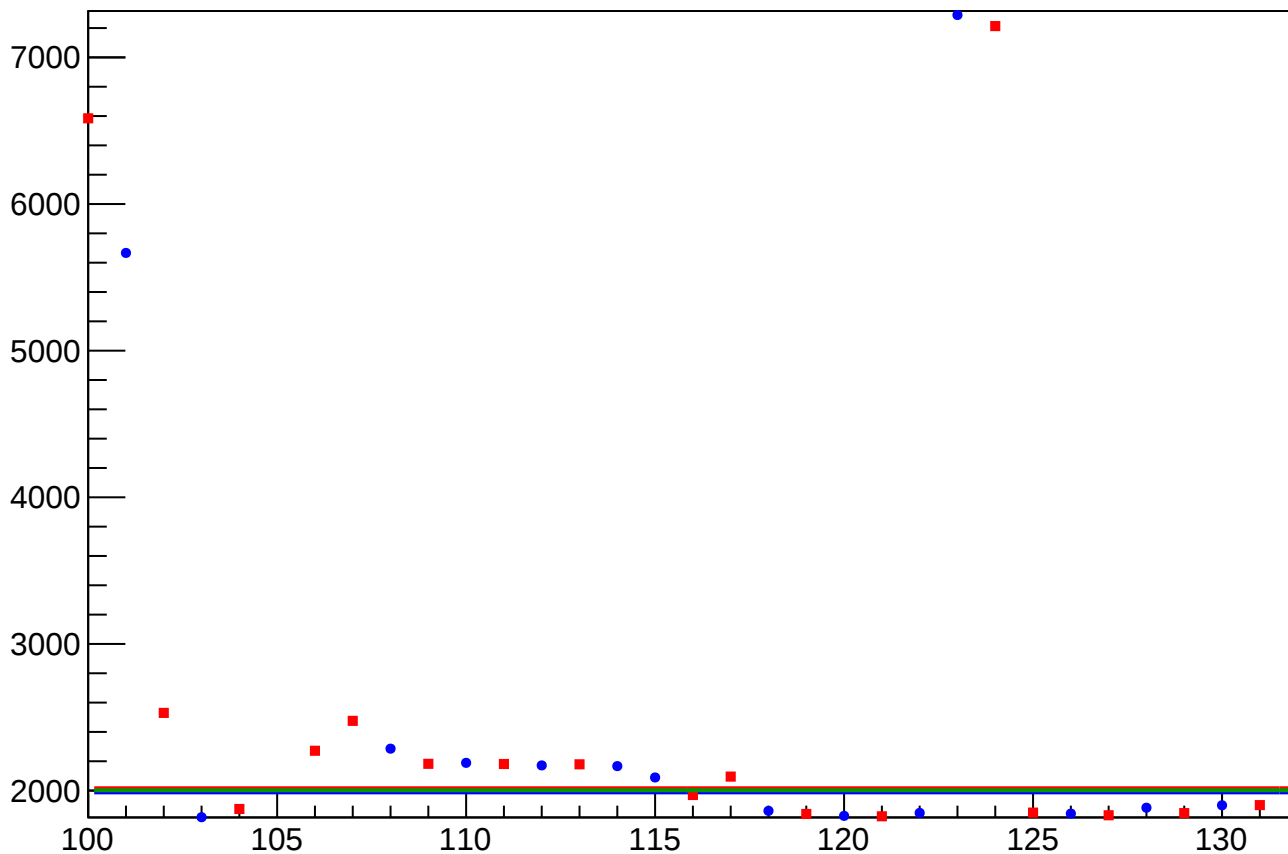
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-171.284+/-863.119 χ^2/NDF : 13.9/14

-765.539+/-601.989 χ^2/NDF : 30.8/31

-1328.428+/-840.032 χ^2/NDF : 16.0/16

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1987.887 $\pm$ 0.610 χ^2 /NDF: 597212.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2015.798 $\pm$ 0.594 χ^2 /NDF: 348365.7/16

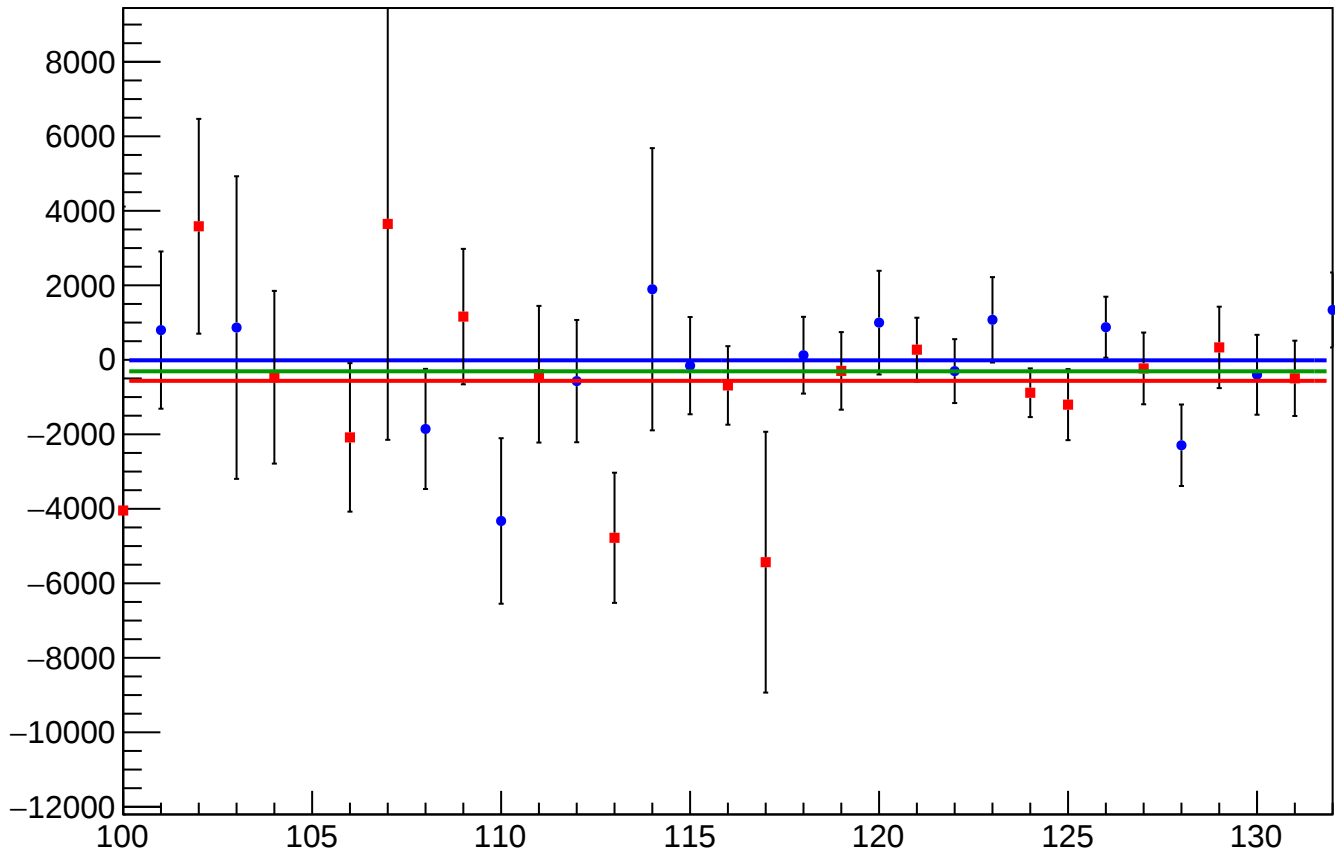
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1987.887 $\pm$ 0.610 χ^2 /NDF: 597212.2/14

2002.221 $\pm$ 0.426 χ^2 /NDF: 946651.9/31

2015.798 $\pm$ 0.594 χ^2 /NDF: 348365.7/16

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -13.504±/-321.717 χ^2 /NDF: 14.7/14

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

Right Out: -564.262±/-299.829 χ^2 /NDF: 14.5/16

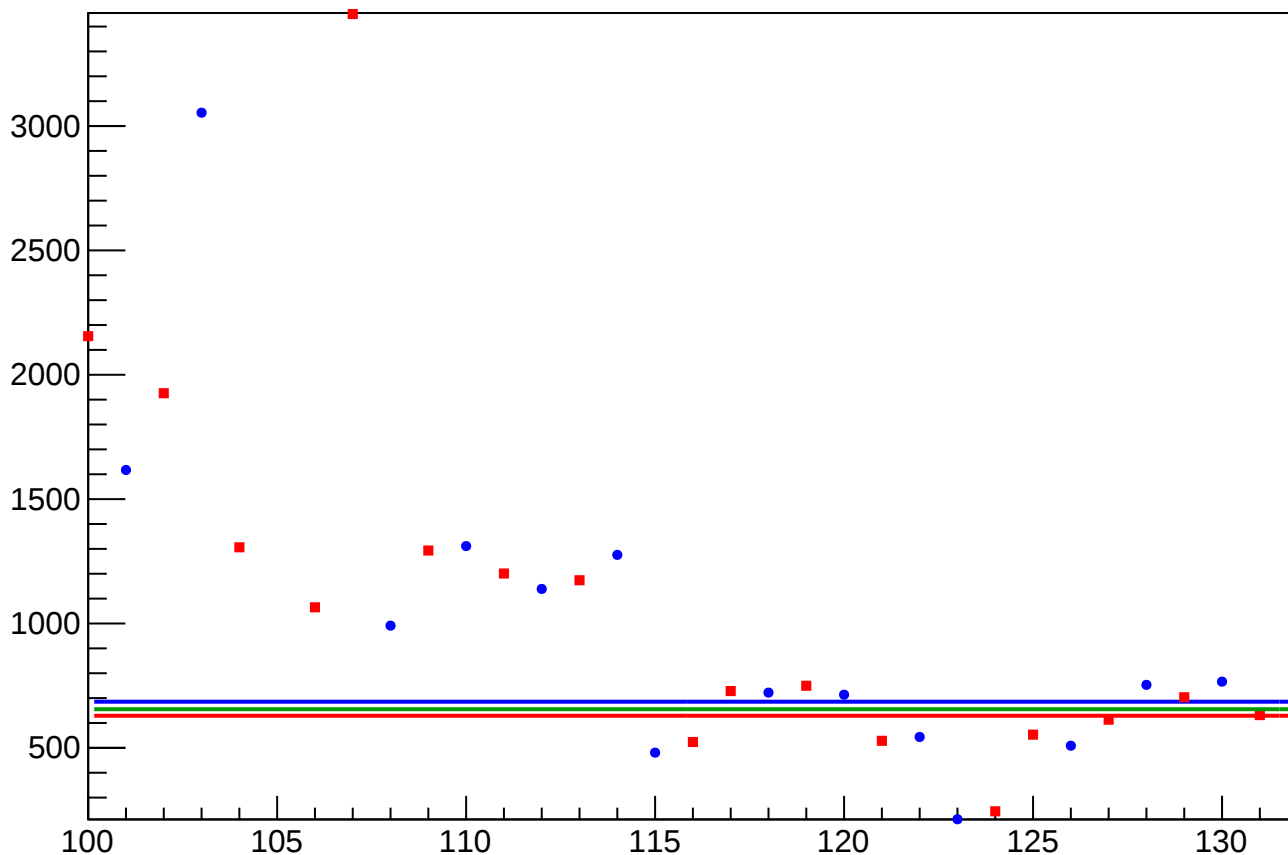
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

-13.504±/-321.717 χ^2 /NDF: 14.7/14

-308.254±/-219.342 χ^2 /NDF: 30.8/31

-564.262±/-299.829 χ^2 /NDF: 14.5/16

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 685.561+/-0.227 χ^2/NDF : 2064968.2/14

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

Right Out: 629.120+/-0.212 χ^2/NDF : 2659878.0/16

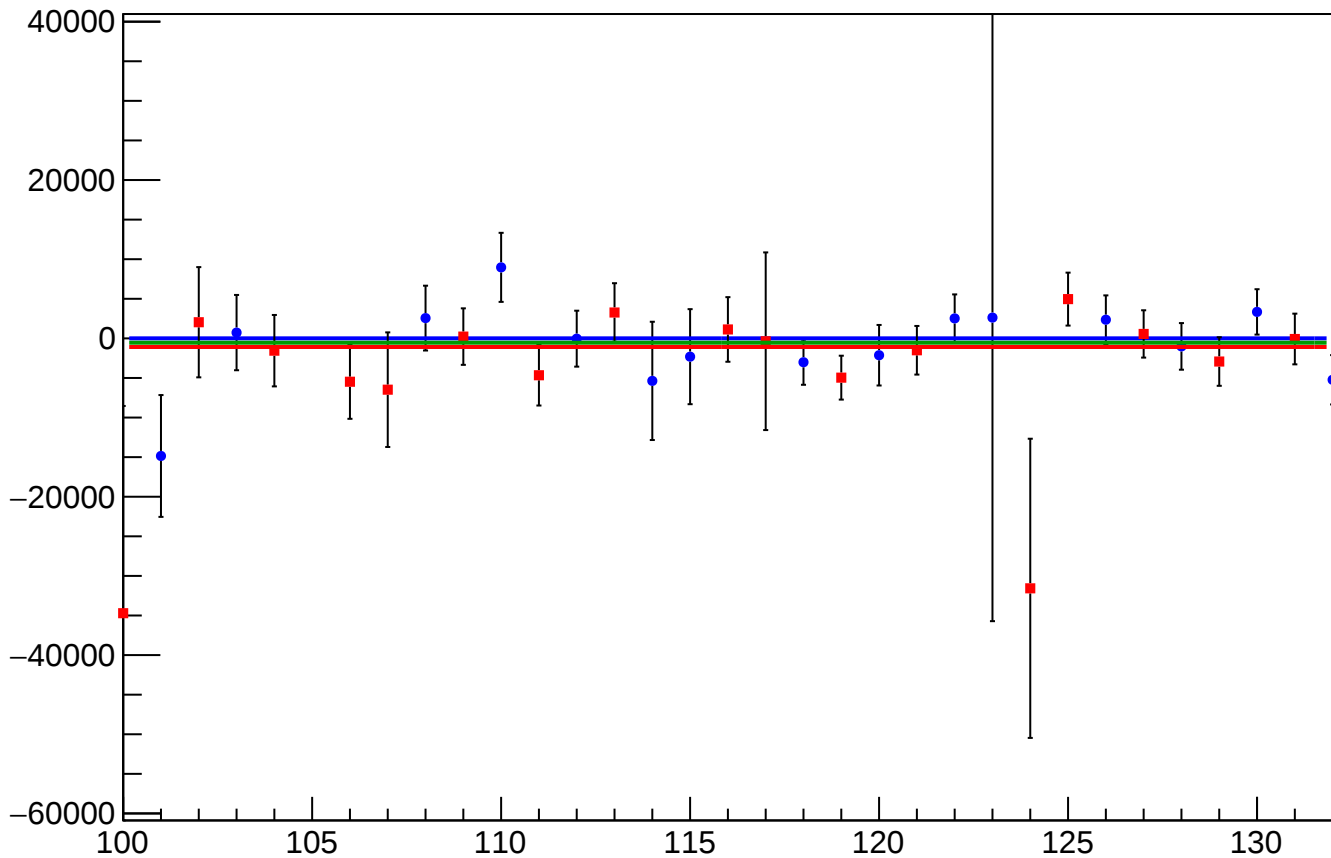
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

685.561+/-0.227 χ^2/NDF : 2064968.2/14

655.355+/-0.155 χ^2/NDF : 4757788.6/31

629.120+/-0.212 χ^2/NDF : 2659878.0/16

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 4.908+/-977.729 χ^2/NDF : 16.0/14

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

Right Out: -1086.648+/-967.541 χ^2/NDF : 14.6/16

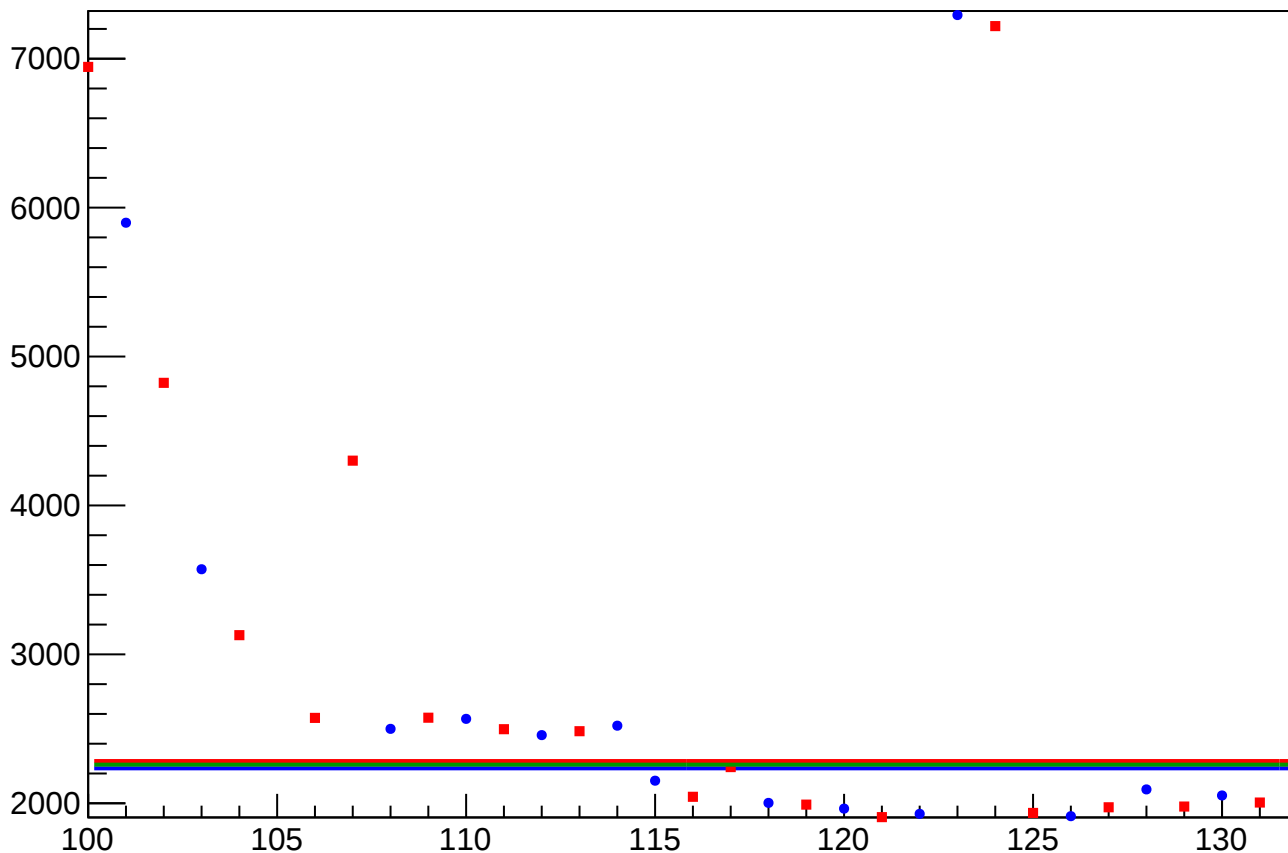
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.908+/-977.729 χ^2/NDF : 16.0/14

-546.587+/-687.729 χ^2/NDF : 31.3/31

-1086.648+/-967.541 χ^2/NDF : 14.6/16

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2234.593+/-0.691 χ^2 /NDF: 768790.7/14

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

Right Out: 2283.677+/-0.684 χ^2 /NDF: 862564.4/16

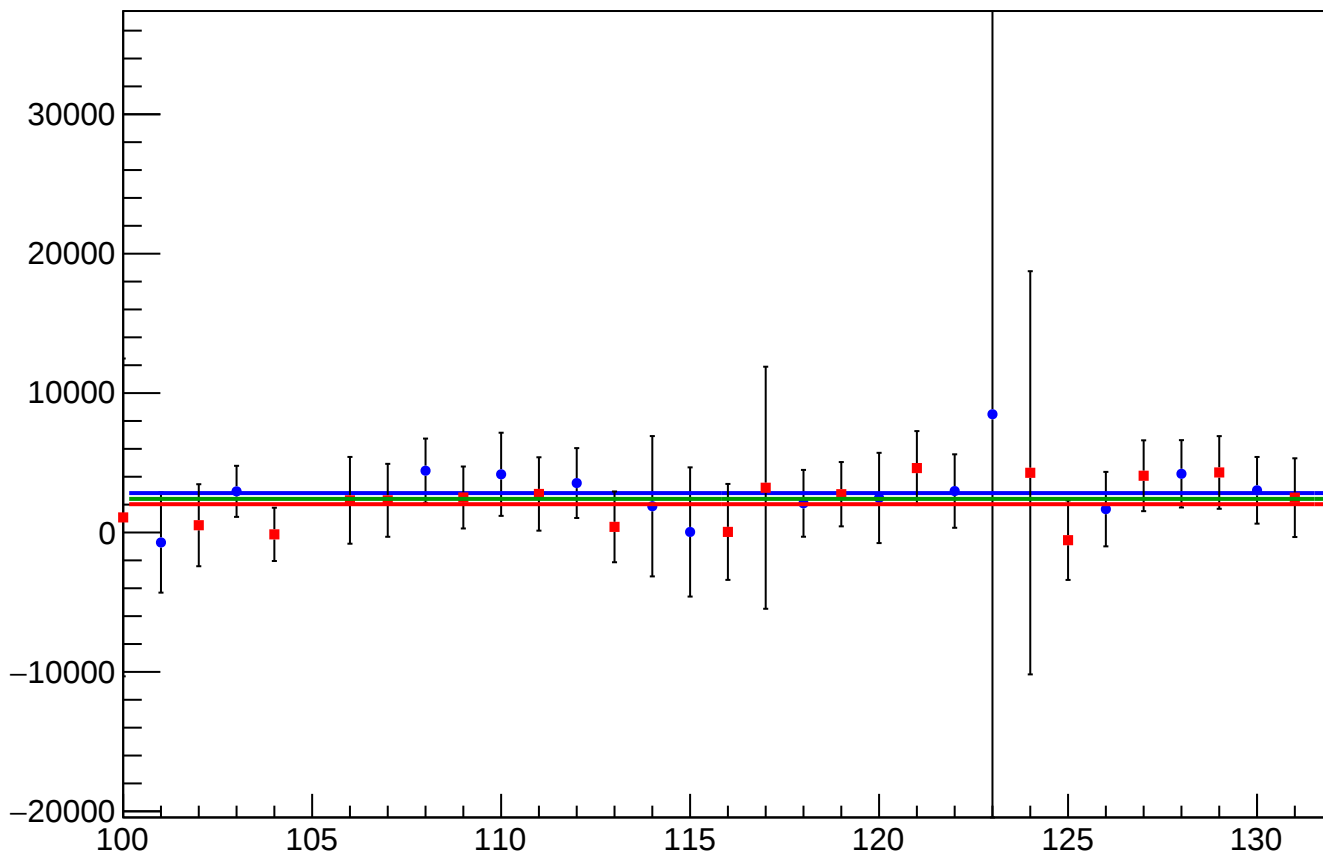
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2234.593+/-0.691 χ^2 /NDF: 768790.7/14

2259.392+/-0.486 χ^2 /NDF: 1633901.8/31

2283.677+/-0.684 χ^2 /NDF: 862564.4/16

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2826.935+/-715.994 χ^2/NDF : 3.0/14

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

Right Out: 2030.209+/-684.957 χ^2/NDF : 5.8/16

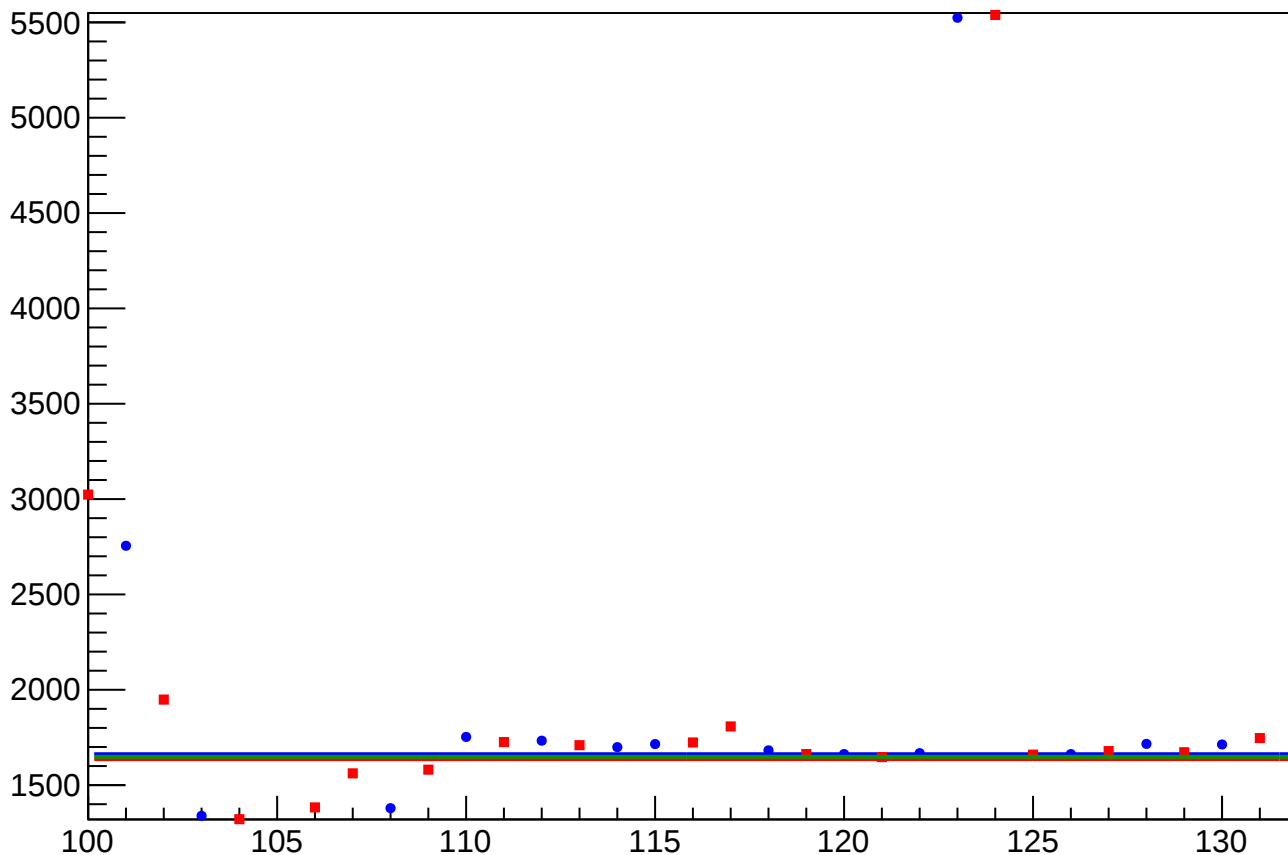
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2826.935+/-715.994 χ^2/NDF : 3.0/14

2410.930+/-494.946 χ^2/NDF : 9.4/31

2030.209+/-684.957 χ^2/NDF : 5.8/16

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1661.954+/-0.506 χ^2/NDF : 320664.1/14

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

Right Out: 1636.321+/-0.484 χ^2/NDF : 278685.7/16

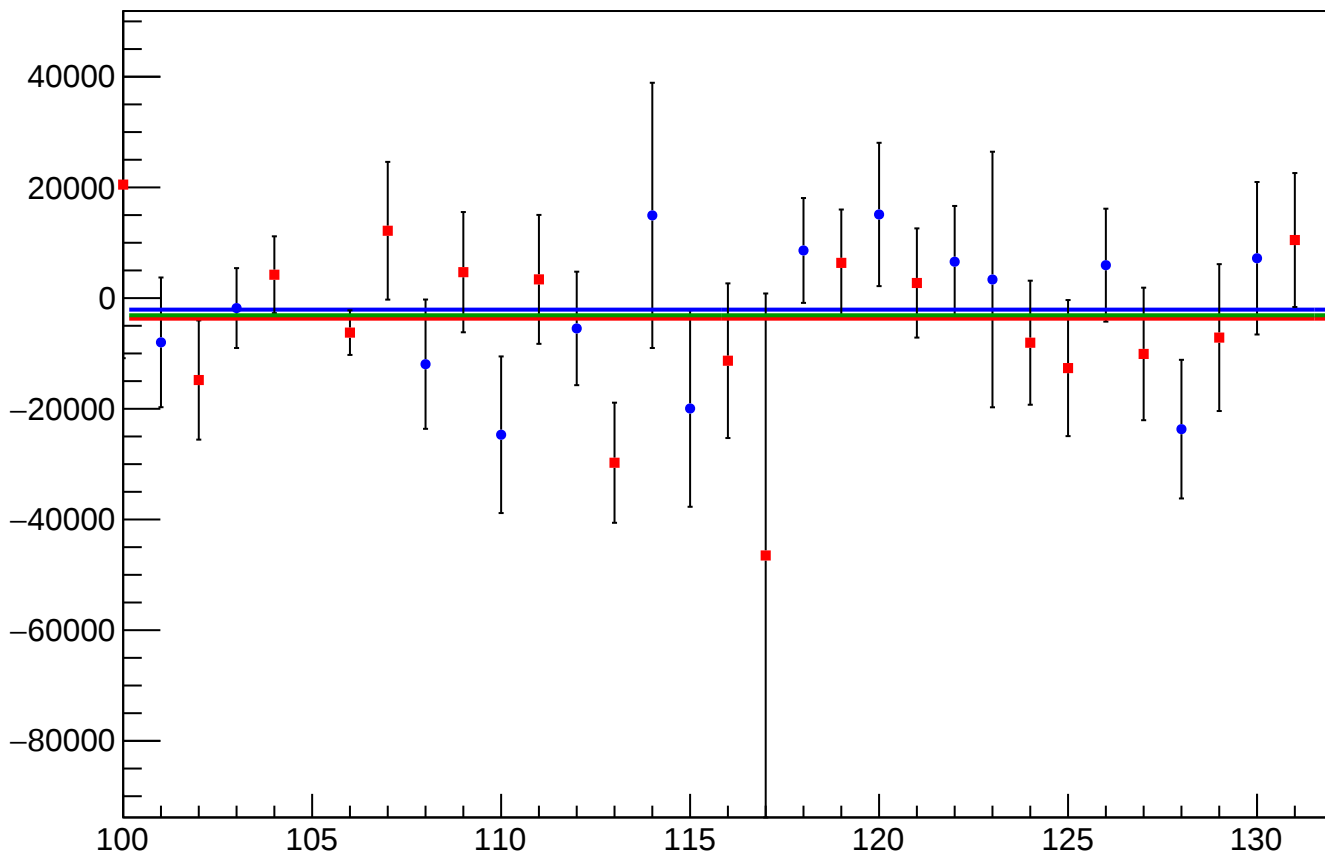
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1661.954+/-0.506 χ^2/NDF : 320664.1/14

1648.570+/-0.350 χ^2/NDF : 600688.2/31

1636.321+/-0.484 χ^2/NDF : 278685.7/16

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2081.132+/-3012.166 χ^2 /NDF: 13.1/14

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

Right Out: -3713.421+/-2335.590 χ^2 /NDF: 16.7/16

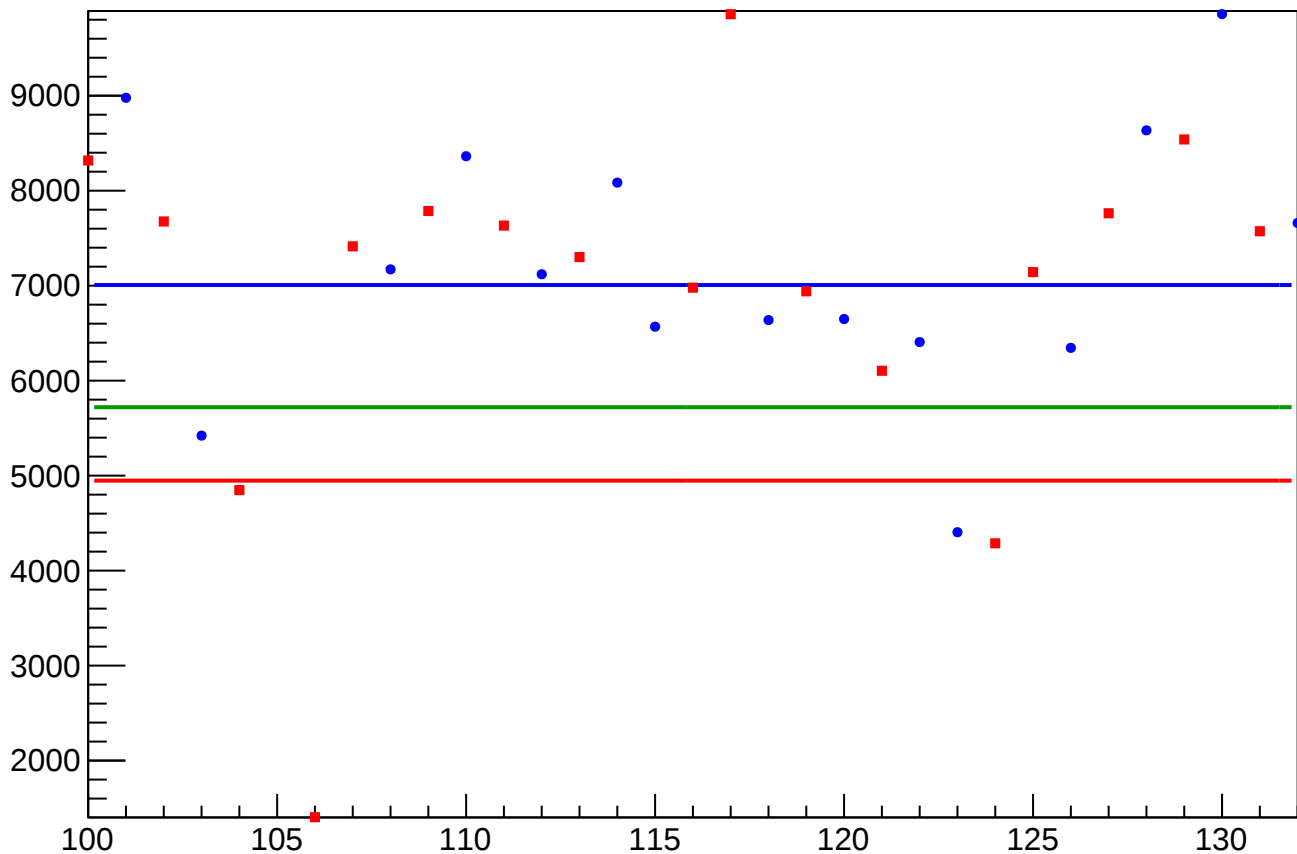
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2081.132+/-3012.166 χ^2 /NDF: 13.1/14

-3100.533+/-1845.741 χ^2 /NDF: 30.0/31

-3713.421+/-2335.590 χ^2 /NDF: 16.7/16

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7006.715 $\pm$ 2.130 χ^2 /NDF: 348367.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4947.440 $\pm$ 1.652 χ^2 /NDF: 2709683.2/16

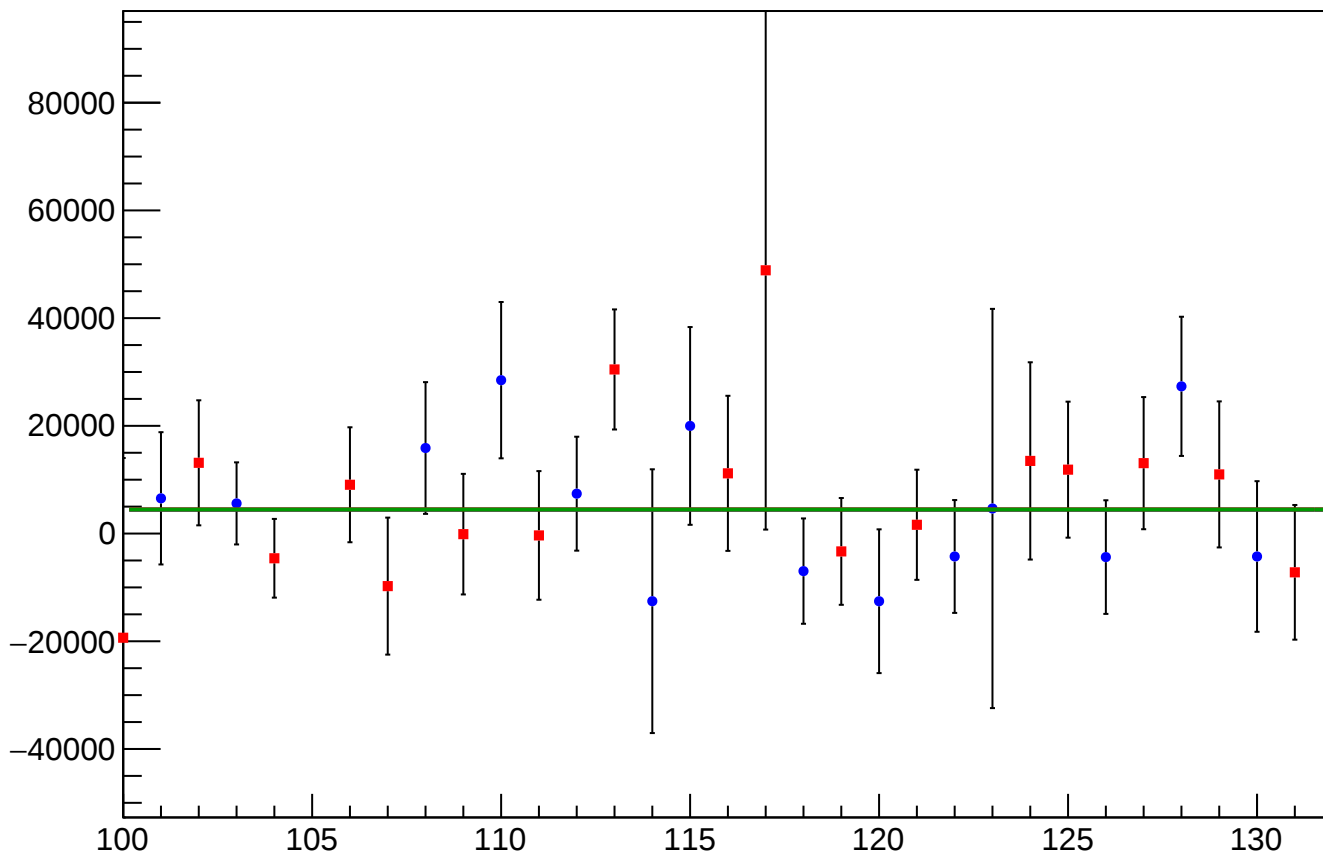
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

7006.715 $\pm$ 2.130 χ^2 /NDF: 348367.9/14

5720.651 $\pm$ 1.305 χ^2 /NDF: 3641831.0/31

4947.440 $\pm$ 1.652 χ^2 /NDF: 2709683.2/16

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4439.423+/-3141.748 χ^2 /NDF: 12.9/14

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

Right Out: 4477.641+/-2914.135 χ^2 /NDF: 13.7/16

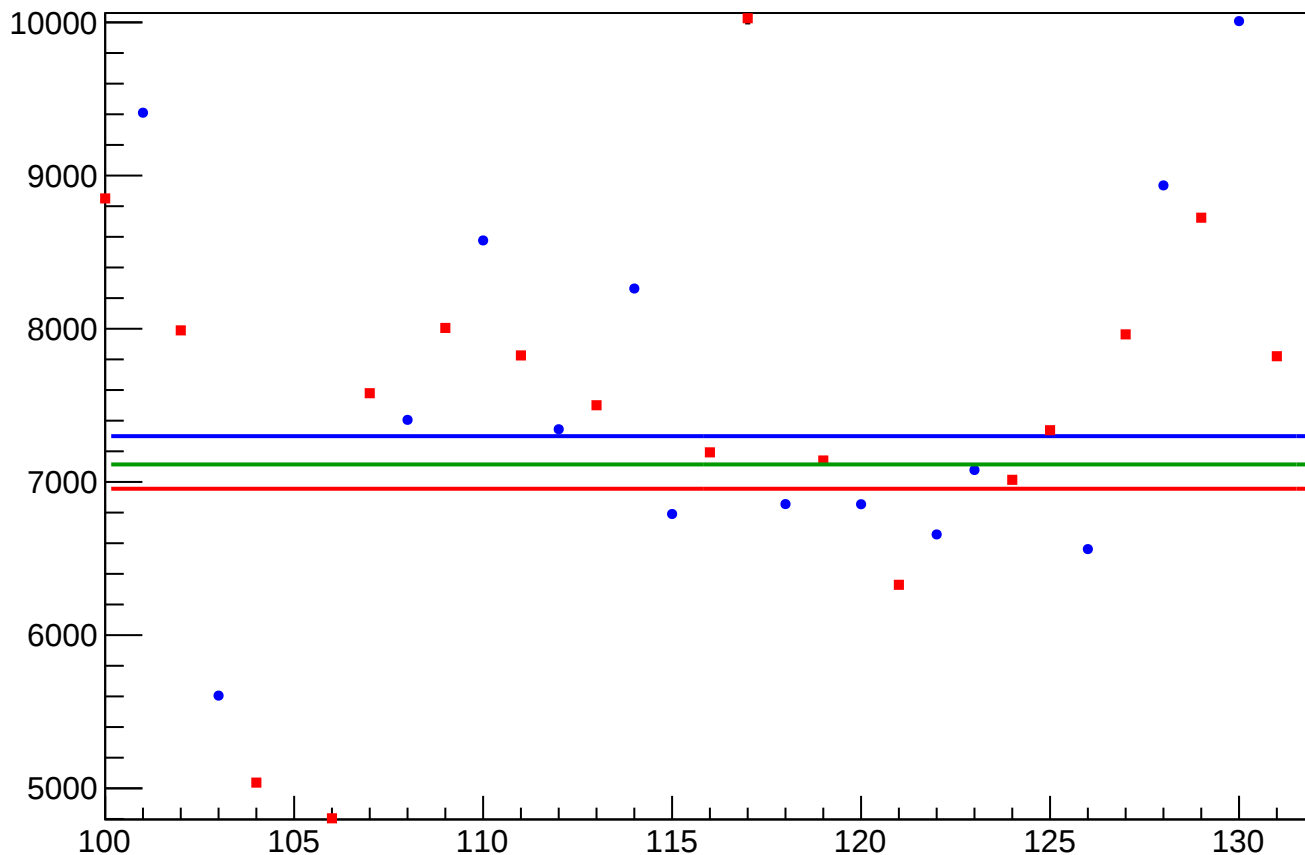
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4439.423+/-3141.748 χ^2 /NDF: 12.9/14

4459.966+/-2136.545 χ^2 /NDF: 26.6/31

4477.641+/-2914.135 χ^2 /NDF: 13.7/16

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7298.905 $\pm$ 2.221 χ^2 /NDF: 313995.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6955.617 $\pm$ 2.060 χ^2 /NDF: 355299.8/16

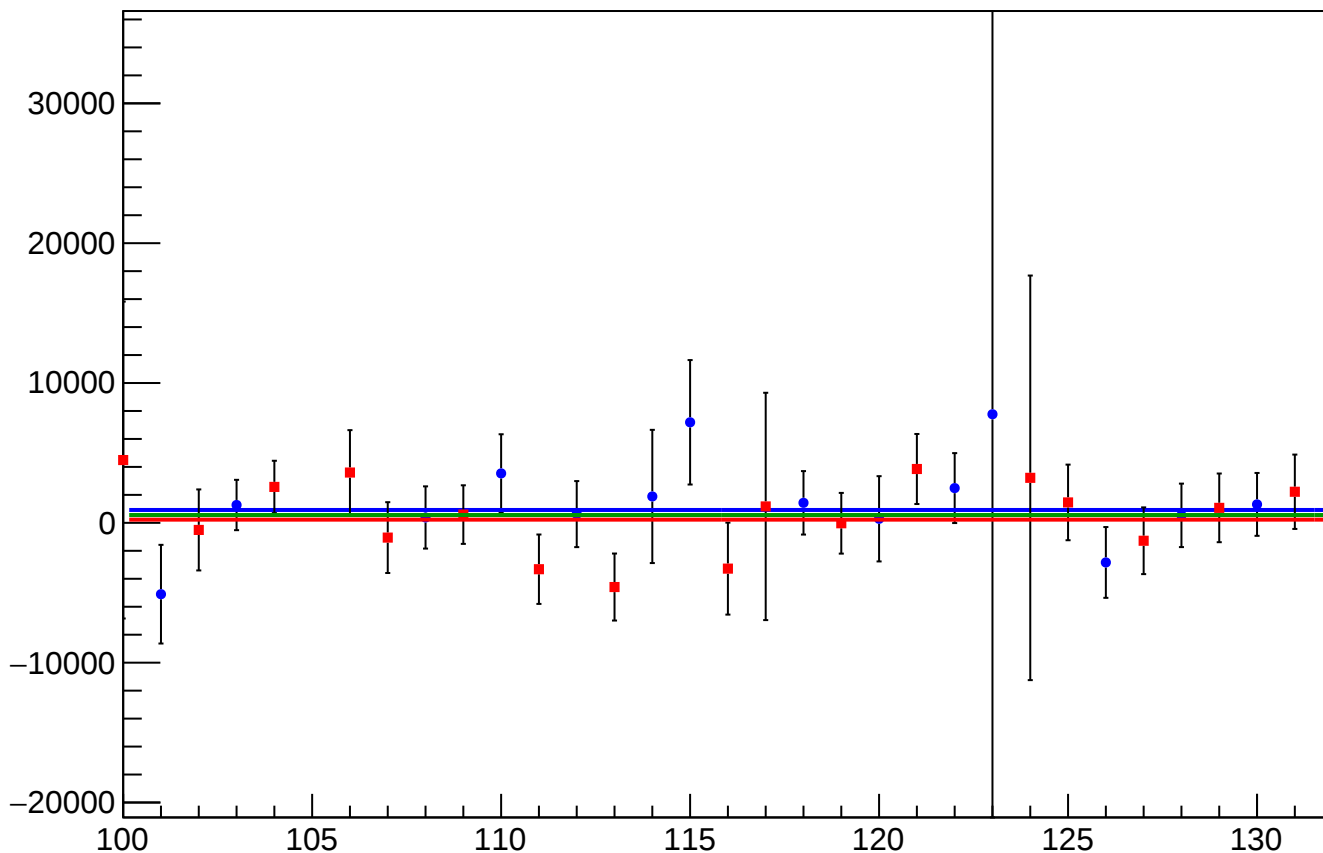
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7298.905 $\pm$ 2.221 χ^2 /NDF: 313995.4/14

7114.358 $\pm$ 1.511 χ^2 /NDF: 682132.6/31

6955.617 $\pm$ 2.060 χ^2 /NDF: 355299.8/16

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 920.280 $\pm$ 682.149 χ^2 /NDF: 8.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 229.127 $\pm$ 652.945 χ^2 /NDF: 14.0/16

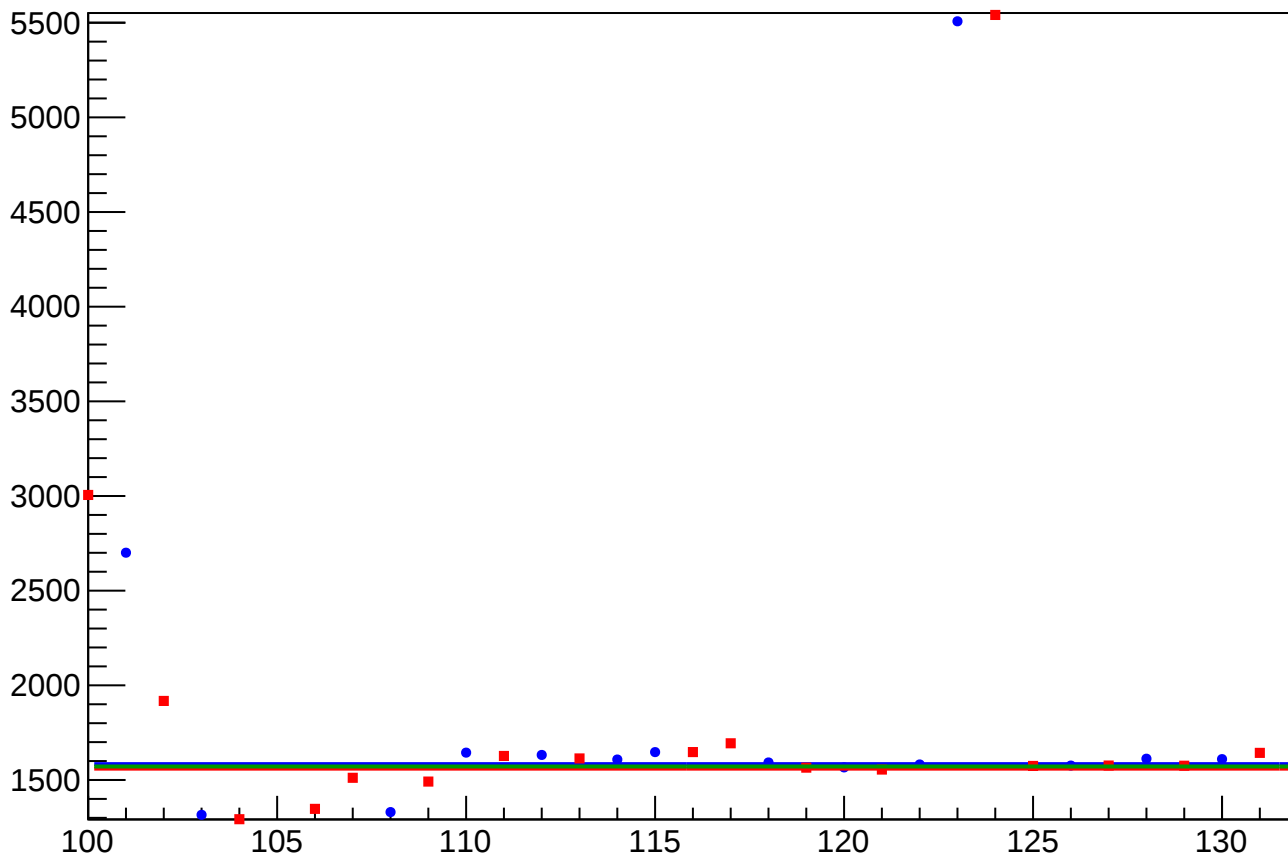
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

920.280 $\pm$ 682.149 χ^2 /NDF: 8.8/14

559.592 $\pm$ 471.688 χ^2 /NDF: 23.3/31

229.127 $\pm$ 652.945 χ^2 /NDF: 14.0/16

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1583.718 $\pm$ 0.482 χ^2 /NDF: 311764.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1560.036 $\pm$ 0.462 χ^2 /NDF: 274591.1/16

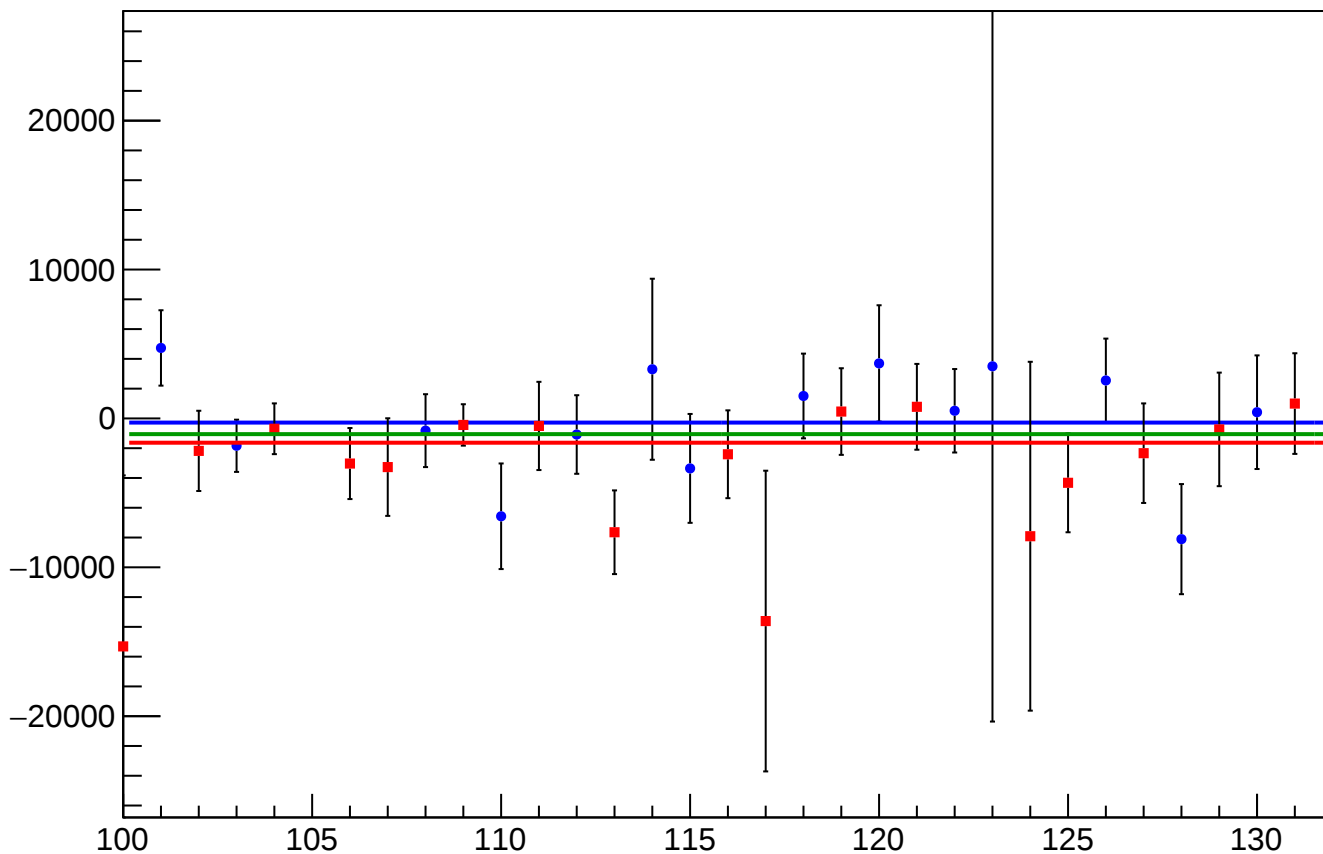
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1583.718 $\pm$ 0.482 χ^2 /NDF: 311764.9/14

1571.359 $\pm$ 0.334 χ^2 /NDF: 587614.0/31

1560.036 $\pm$ 0.462 χ^2 /NDF: 274591.1/16

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -279.039+/-778.522 χ^2/NDF : 16.3/14

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

Right Out: -1631.259+/-670.749 χ^2/NDF : 12.2/16

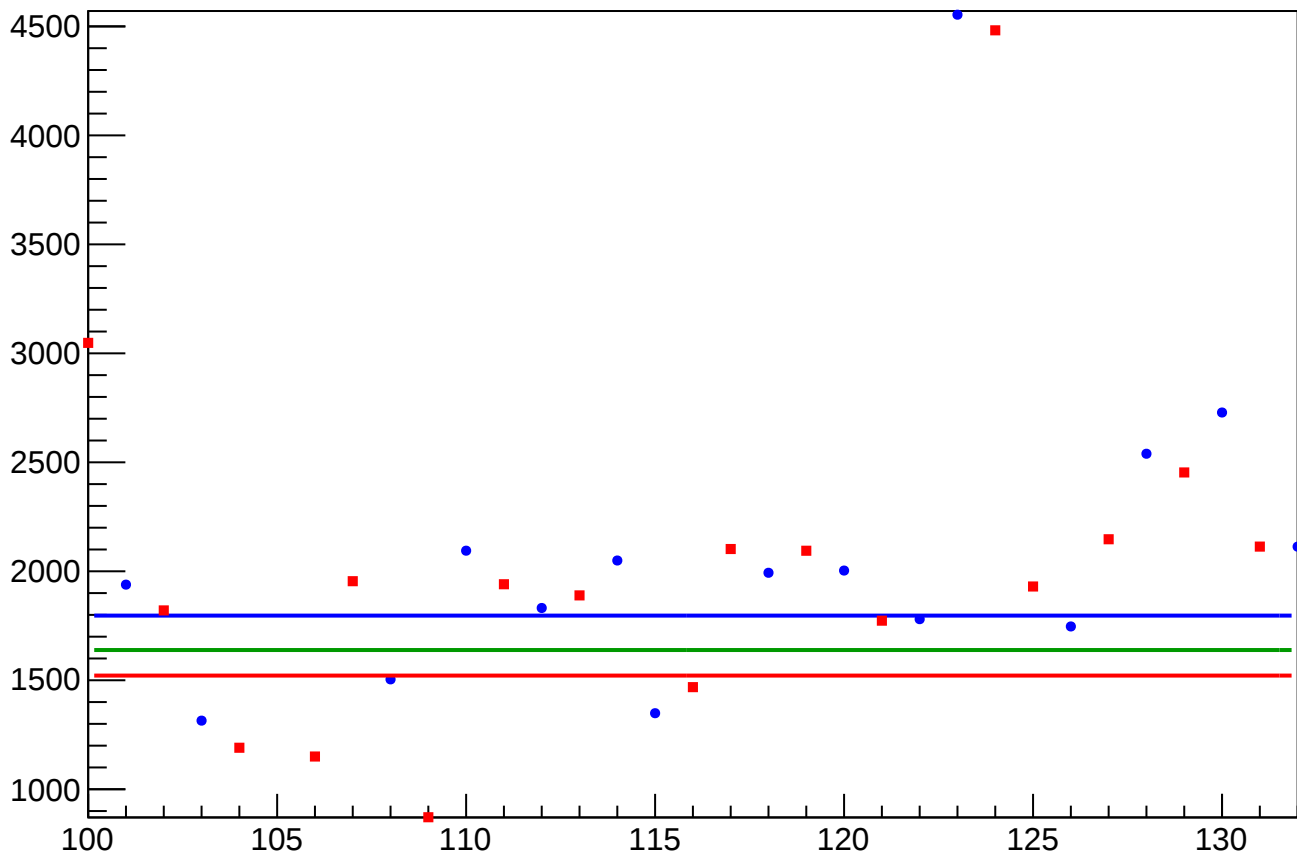
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-279.039+/-778.522 χ^2/NDF : 16.3/14

-1055.152+/-508.158 χ^2/NDF : 30.2/31

-1631.259+/-670.749 χ^2/NDF : 12.2/16

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1796.698+/-0.550 χ^2/NDF : 494323.0/14

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

Right Out: 1521.535+/-0.474 χ^2/NDF : 1238752.7/16

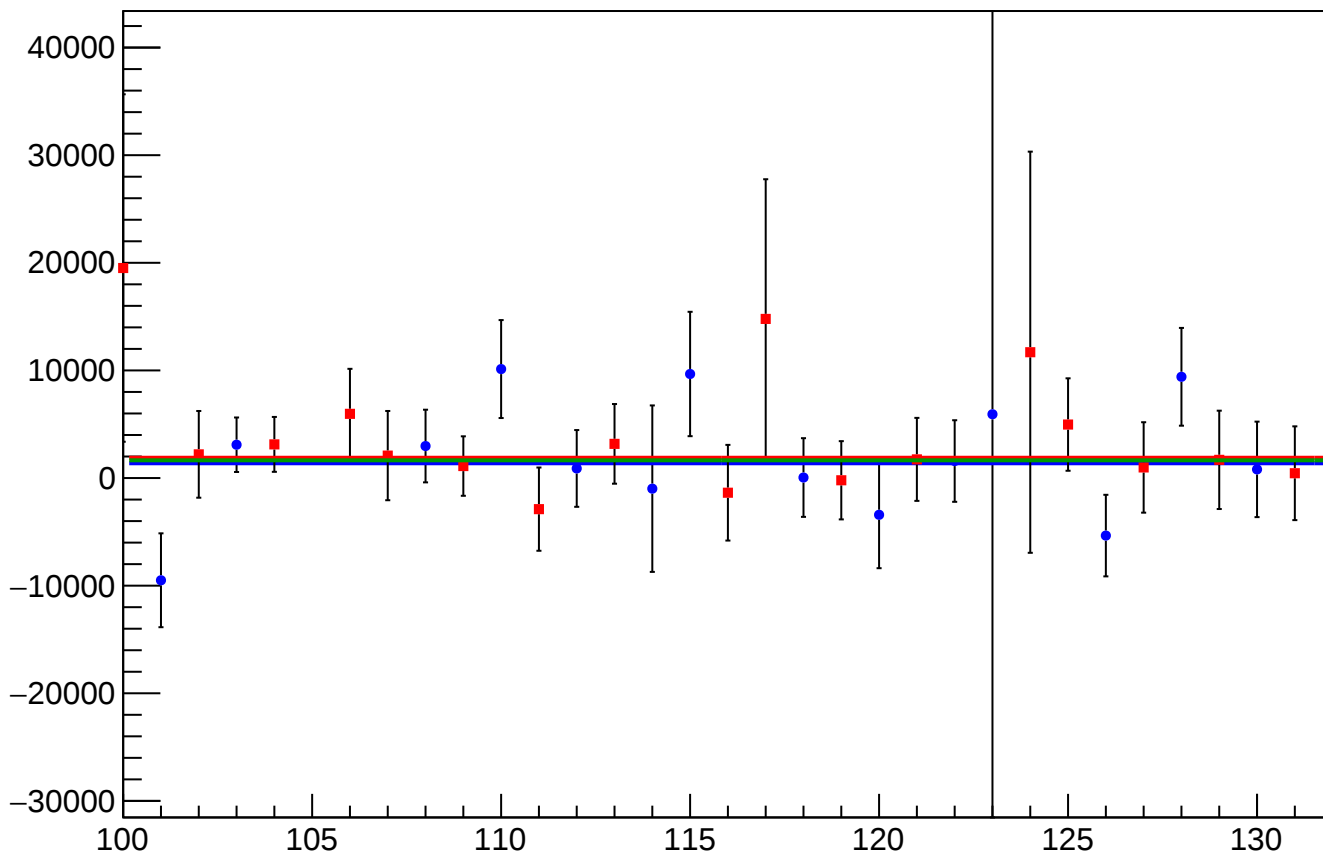
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1796.698+/-0.550 χ^2/NDF : 494323.0/14

1638.767+/-0.359 χ^2/NDF : 1876474.3/31

1521.535+/-0.474 χ^2/NDF : 1238752.7/16

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1372.842+/-1066.817 χ^2 /NDF: 20.2/14

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

Right Out: 1885.580+/-990.545 χ^2 /NDF: 6.9/16

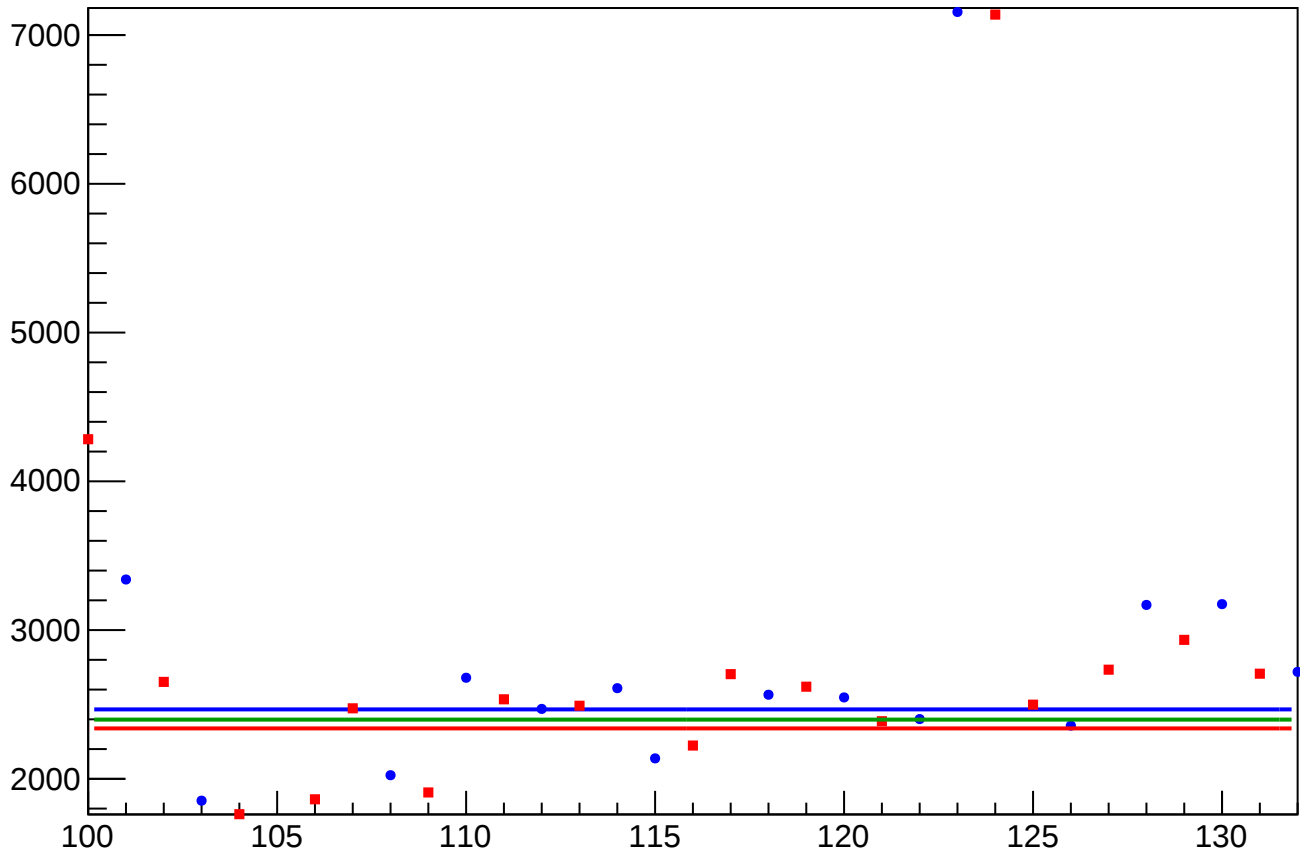
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1372.842+/-1066.817 χ^2 /NDF: 20.2/14

1648.193+/-725.889 χ^2 /NDF: 27.2/31

1885.580+/-990.545 χ^2 /NDF: 6.9/16

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2466.742 $\pm$ 0.754 χ^2 /NDF: 384686.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2338.976 $\pm$ 0.700 χ^2 /NDF: 444815.2/16

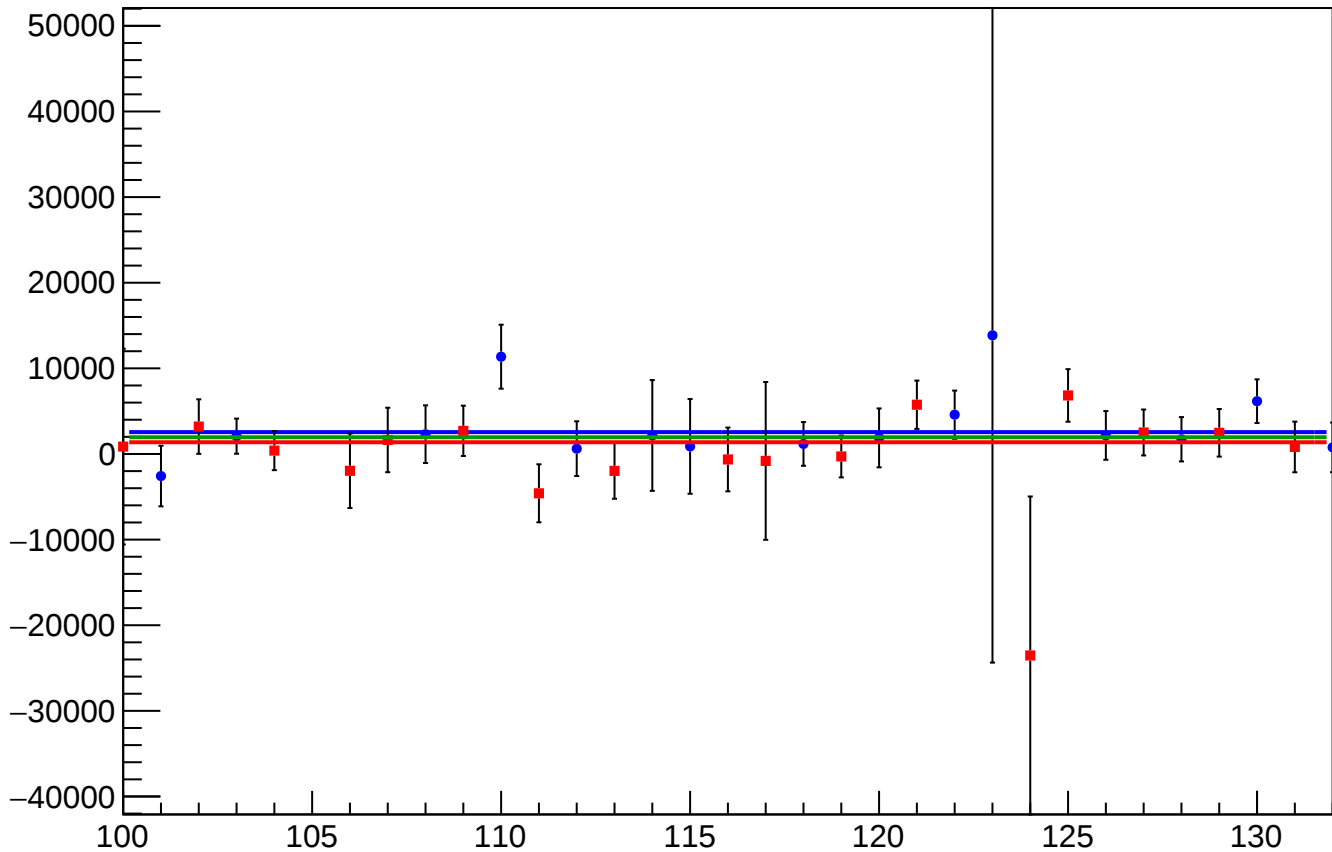
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2466.742 $\pm$ 0.754 χ^2 /NDF: 384686.1/14

2398.129 $\pm$ 0.513 χ^2 /NDF: 844906.7/31

2338.976 $\pm$ 0.700 χ^2 /NDF: 444815.2/16

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2553.133+/-805.318 χ^2/NDF : 11.6/14

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

Right Out: 1369.655+/-793.818 χ^2/NDF : 14.0/16

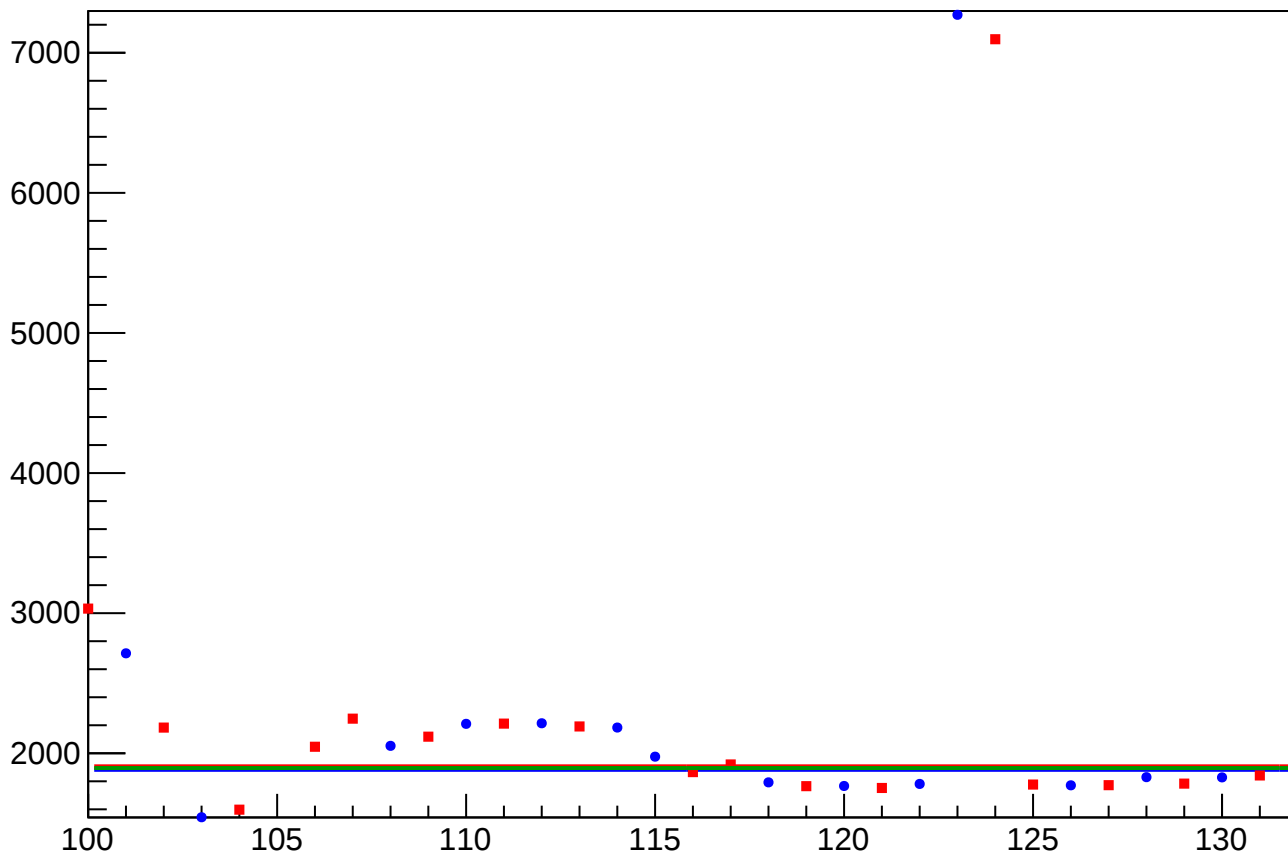
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2553.133+/-805.318 χ^2/NDF : 11.6/14

1952.884+/-565.336 χ^2/NDF : 26.7/31

1369.655+/-793.818 χ^2/NDF : 14.0/16

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1881.977+/-0.569 χ^2/NDF : 264404.3/14

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

Right Out: 1906.872+/-0.560 χ^2/NDF : 314435.8/16

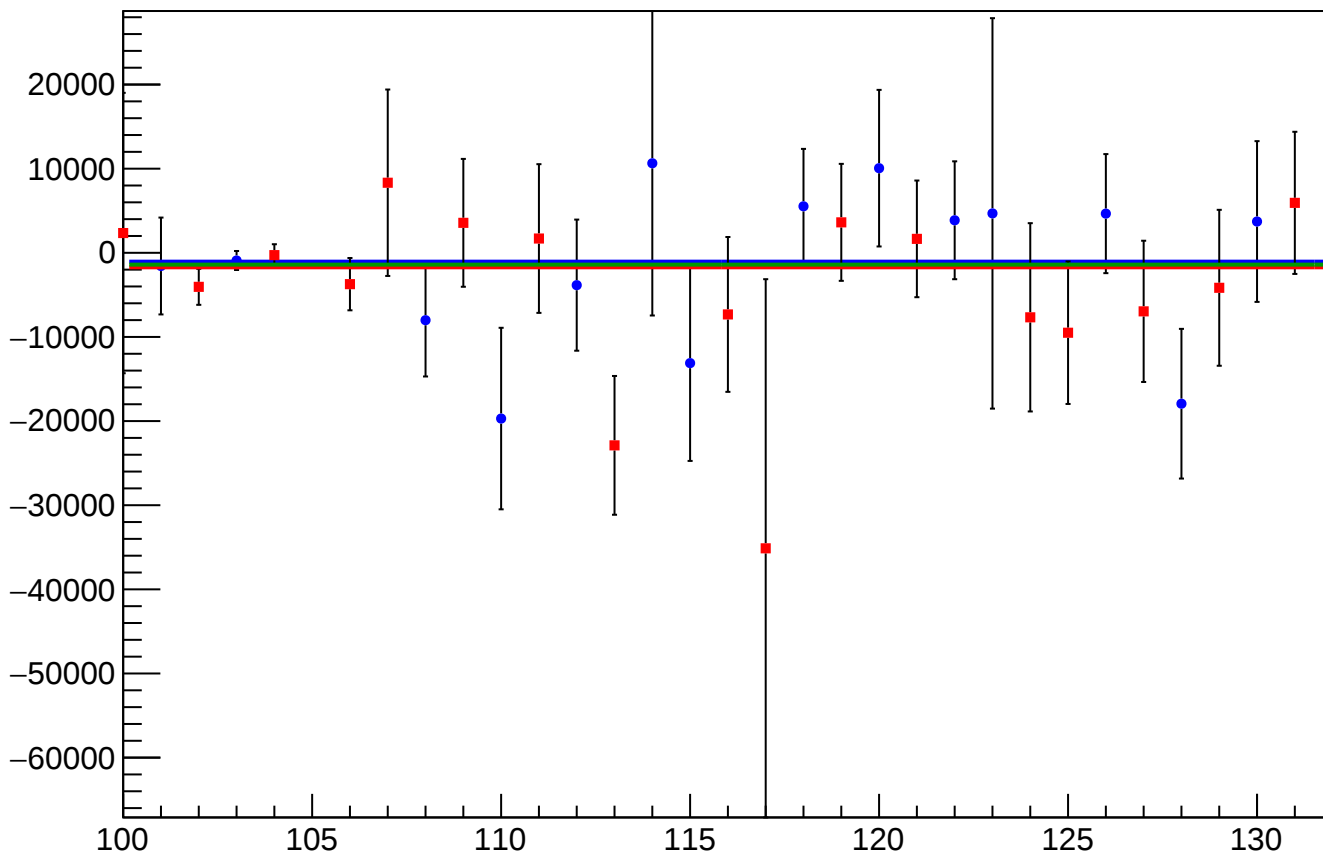
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1881.977+/-0.569 χ^2/NDF : 264404.3/14

1894.626+/-0.399 χ^2/NDF : 579811.3/31

1906.872+/-0.560 χ^2/NDF : 314435.8/16

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1050.933+/-1007.224 χ^2/NDF : 13.1/14

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

Right Out: -1723.771+/-957.549 χ^2/NDF : 15.6/16

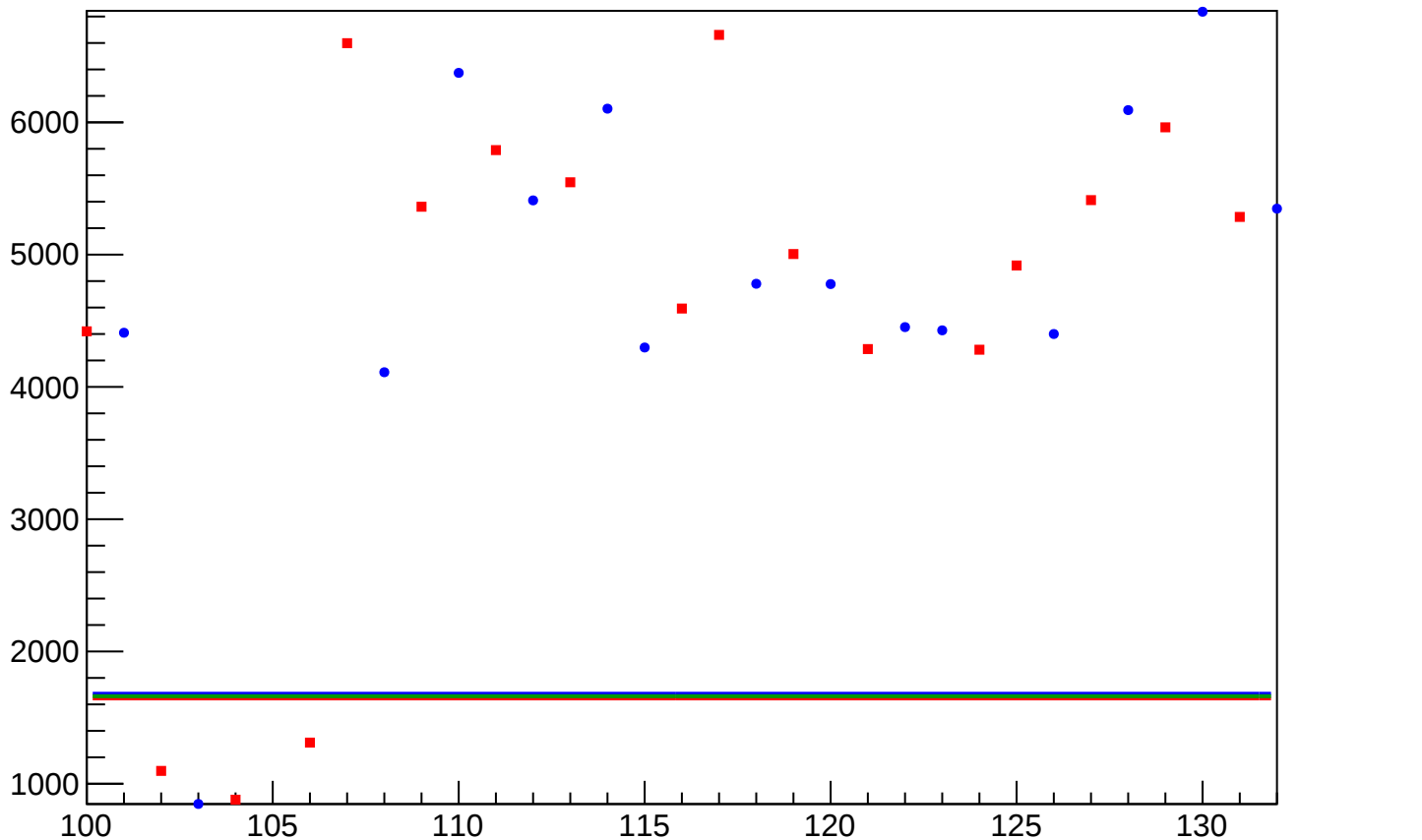
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1050.933+/-1007.224 χ^2/NDF : 13.1/14

-1404.352+/-693.986 χ^2/NDF : 29.0/31

-1723.771+/-957.549 χ^2/NDF : 15.6/16

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1680.336+/-0.712 χ^2/NDF : 5586352.7/14

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

Right Out: 1645.229+/-0.677 χ^2/NDF : 5304184.4/16

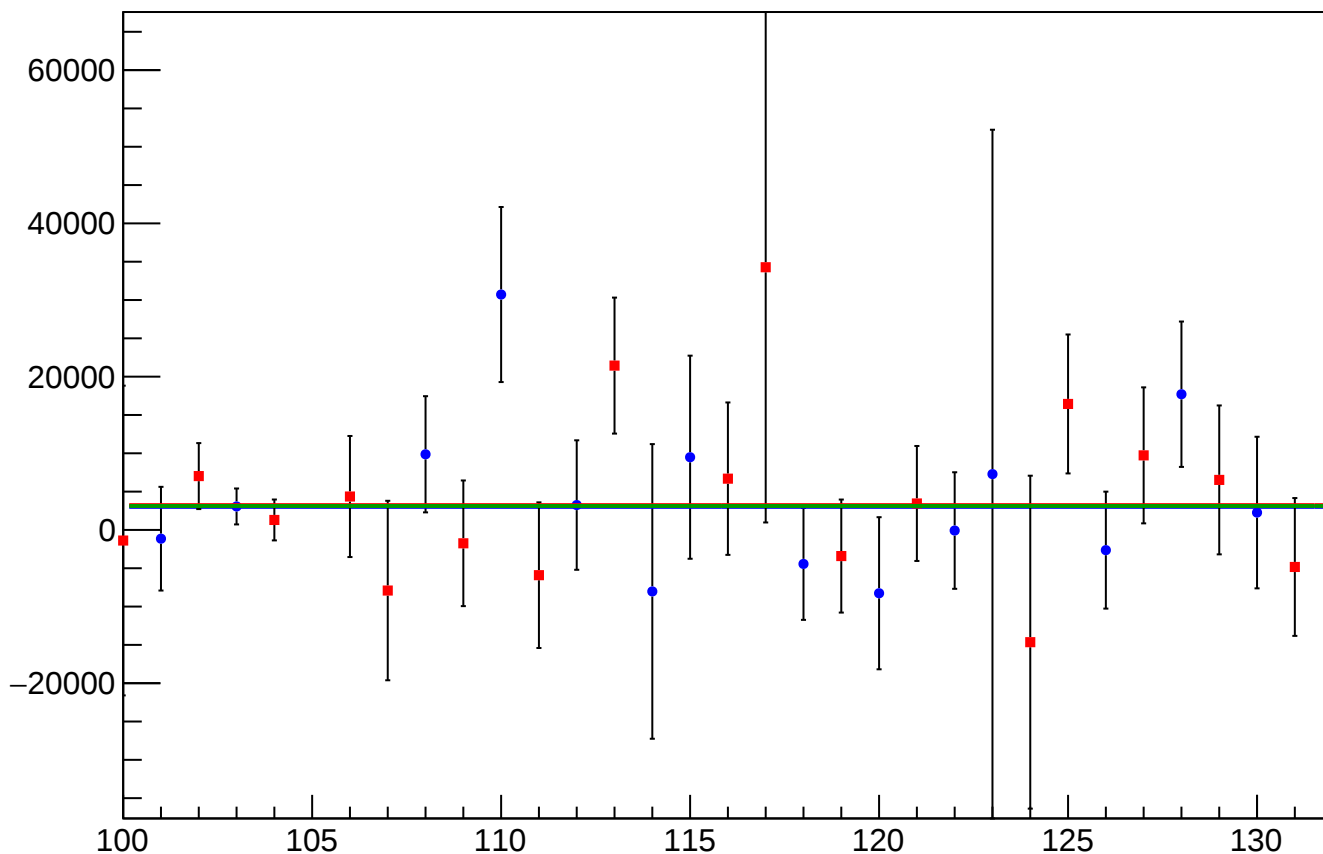
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1680.336+/-0.712 χ^2/NDF : 5586352.7/14

1661.895+/-0.491 χ^2/NDF : 10891813.4/3

1645.229+/-0.677 χ^2/NDF : 5304184.4/16

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3014.279+/-1692.894 χ^2 /NDF: 13.1/14

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

Right Out: 3233.244+/-1675.899 χ^2 /NDF: 13.8/16

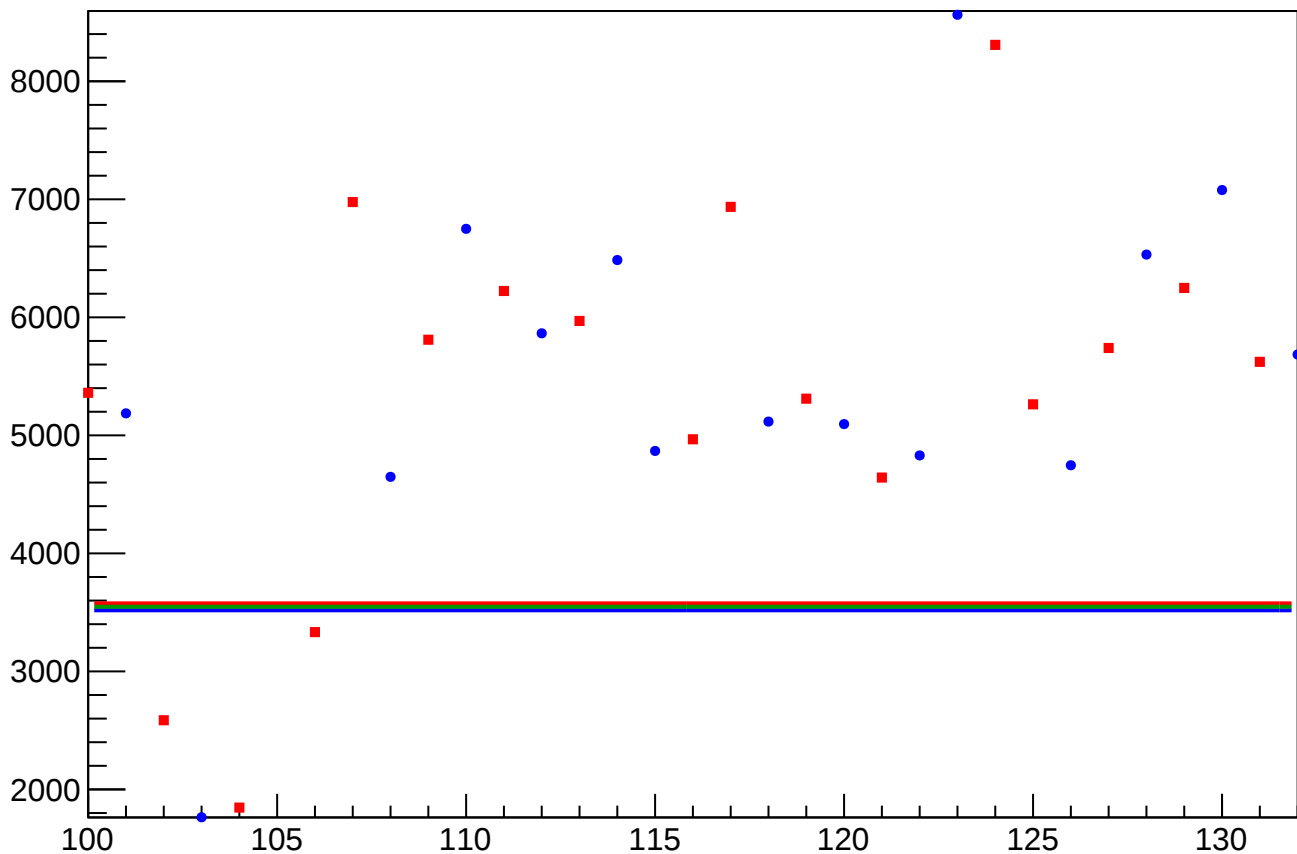
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3014.279+/-1692.894 χ^2 /NDF: 13.1/14

3124.866+/-1191.003 χ^2 /NDF: 27.0/31

3233.244+/-1675.899 χ^2 /NDF: 13.8/16

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3517.614+/-1.197 χ^2/NDF : 2529536.1/14

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

Right Out: 3576.245+/-1.176 χ^2/NDF : 2331670.8/16

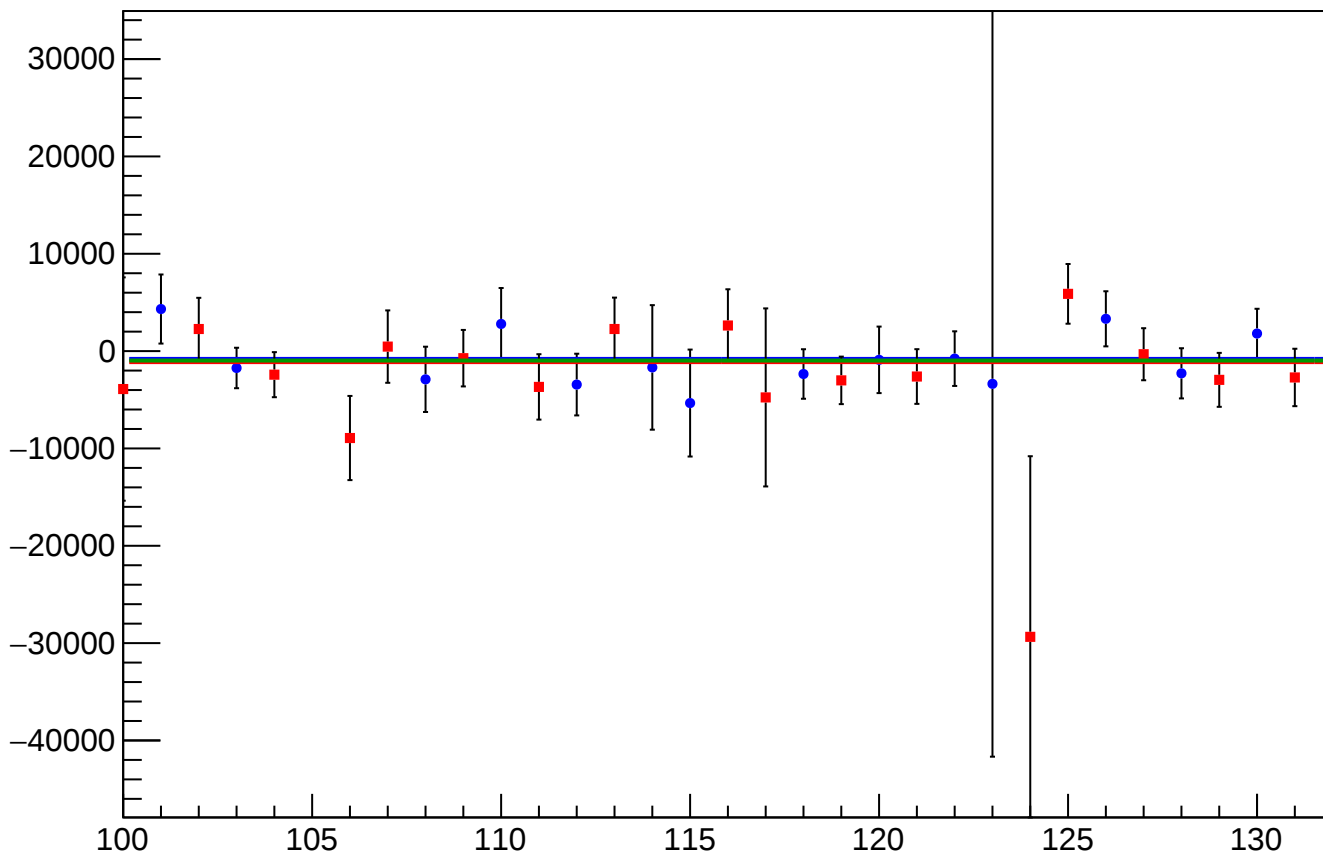
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3517.614+/-1.197 χ^2/NDF : 2529536.1/14

3547.438+/-0.839 χ^2/NDF : 4862427.2/31

3576.245+/-1.176 χ^2/NDF : 2331670.8/16

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -801.887+/-803.640 χ^2 /NDF: 9.6/14

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

Right Out: -1130.861+/-792.056 χ^2 /NDF: 17.0/16

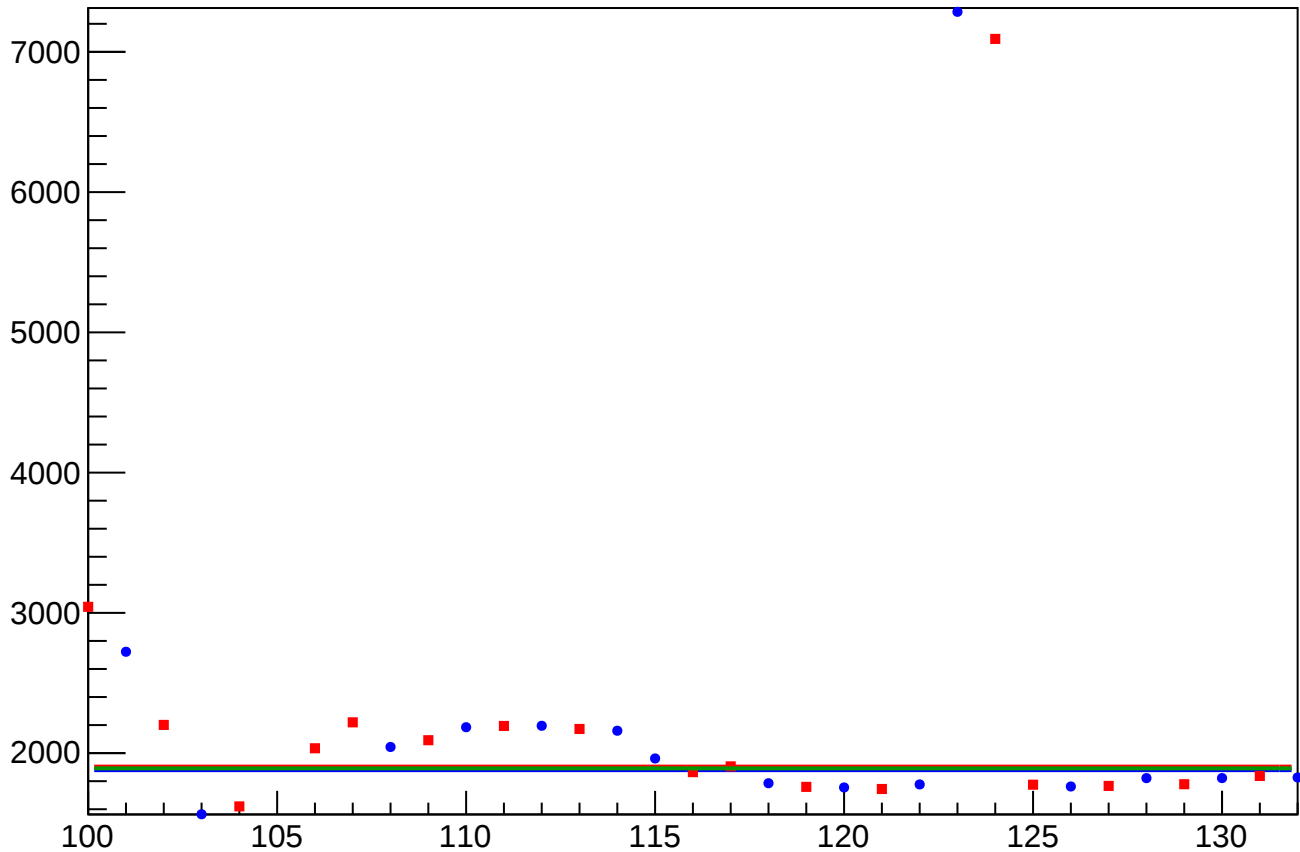
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-801.887+/-803.640 χ^2 /NDF: 9.6/14

-968.762+/-564.119 χ^2 /NDF: 26.7/31

-1130.861+/-792.056 χ^2 /NDF: 17.0/16

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1878.784+/-0.568 χ^2/NDF : 255568.6/14

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

Right Out: 1903.784+/-0.559 χ^2/NDF : 304609.1/16

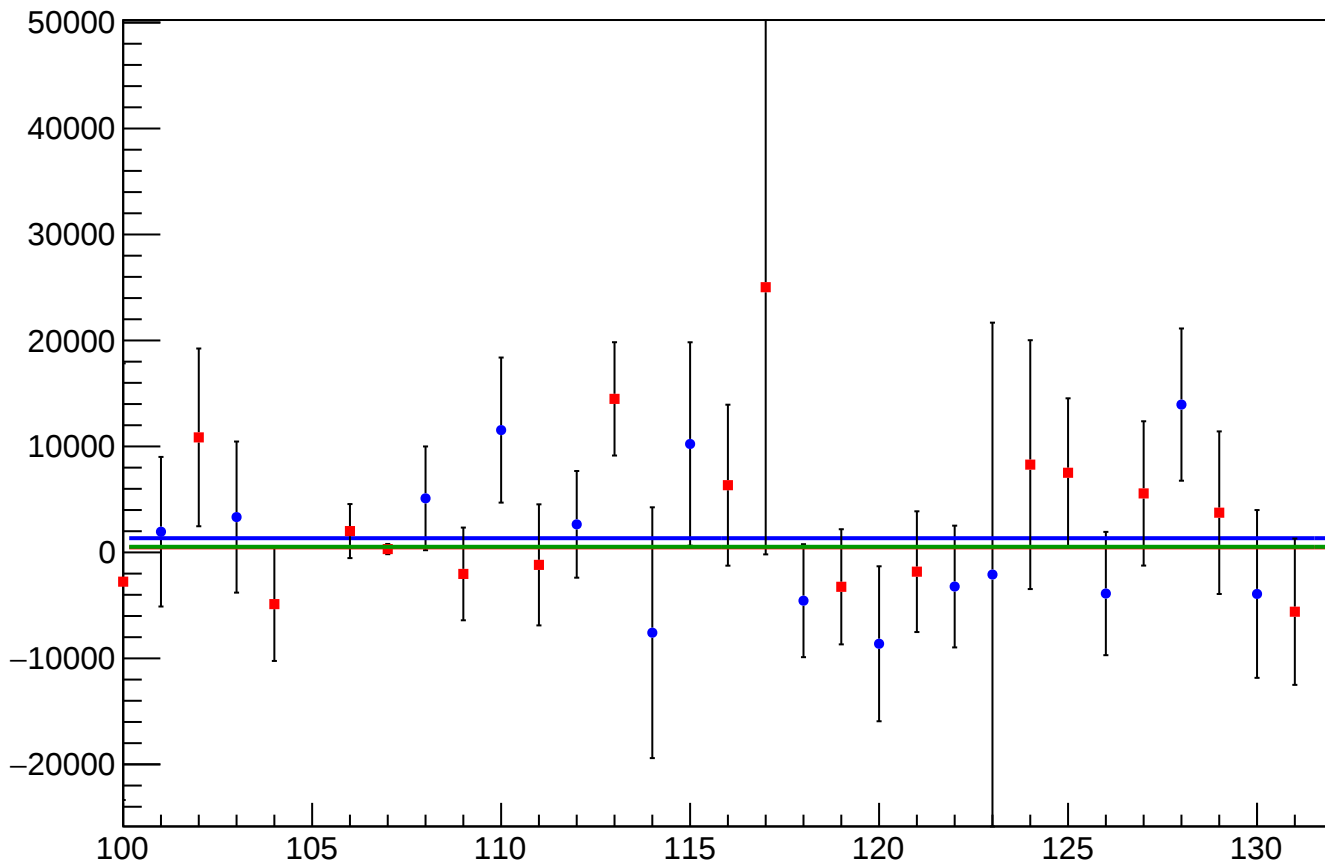
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1878.784+/-0.568 χ^2/NDF : 255568.6/14

1891.488+/-0.399 χ^2/NDF : 561161.1/31

1903.784+/-0.559 χ^2/NDF : 304609.1/16

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1342.101+/-1733.731 χ^2/NDF : 12.5/14

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

Right Out: 473.270+/-456.349 χ^2/NDF : 15.4/16

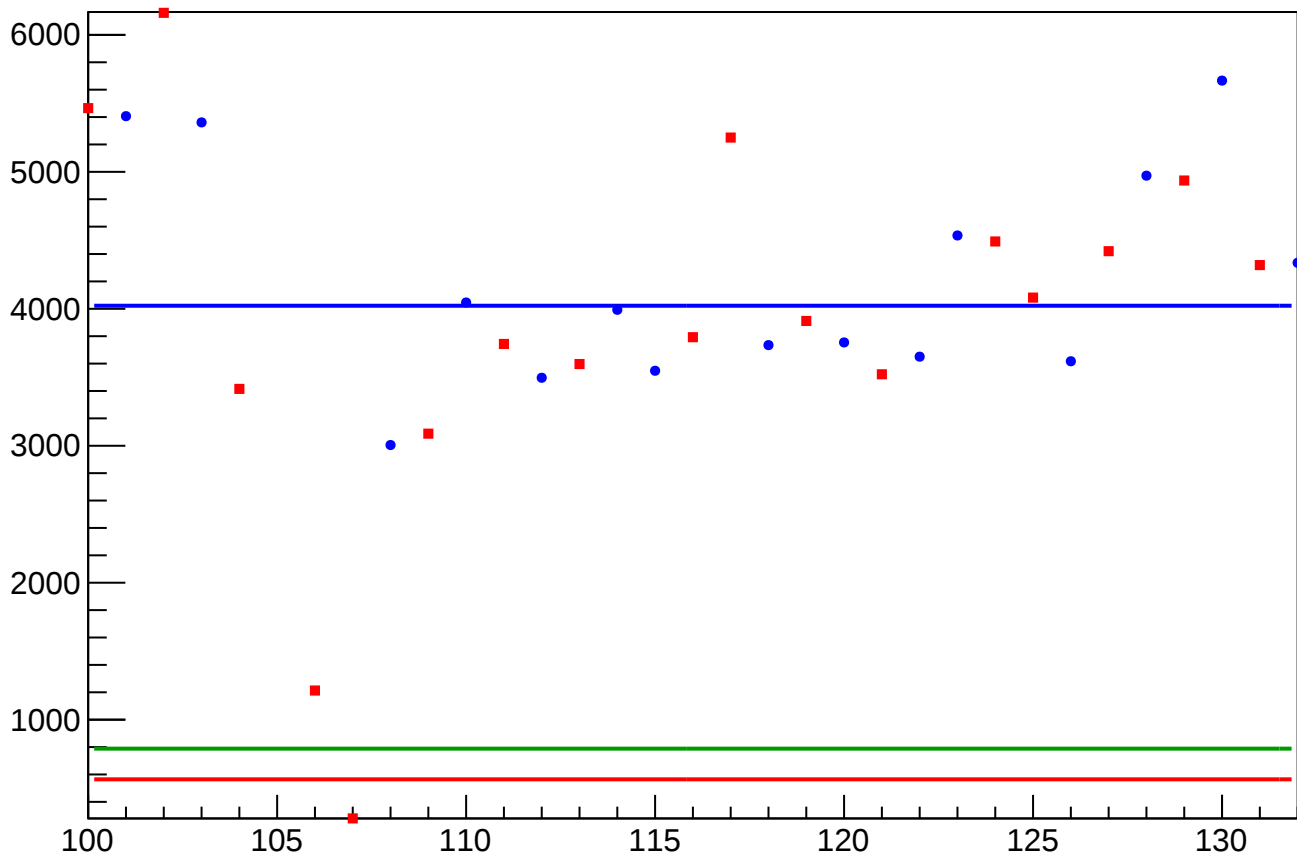
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1342.101+/-1733.731 χ^2/NDF : 12.5/14

529.565+/-441.317 χ^2/NDF : 28.2/31

473.270+/-456.349 χ^2/NDF : 15.4/16

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4022.427+/-1.226 χ^2/NDF : 413476.8/14

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

Right Out: 564.491+/-0.323 χ^2/NDF : 8664795.1/16

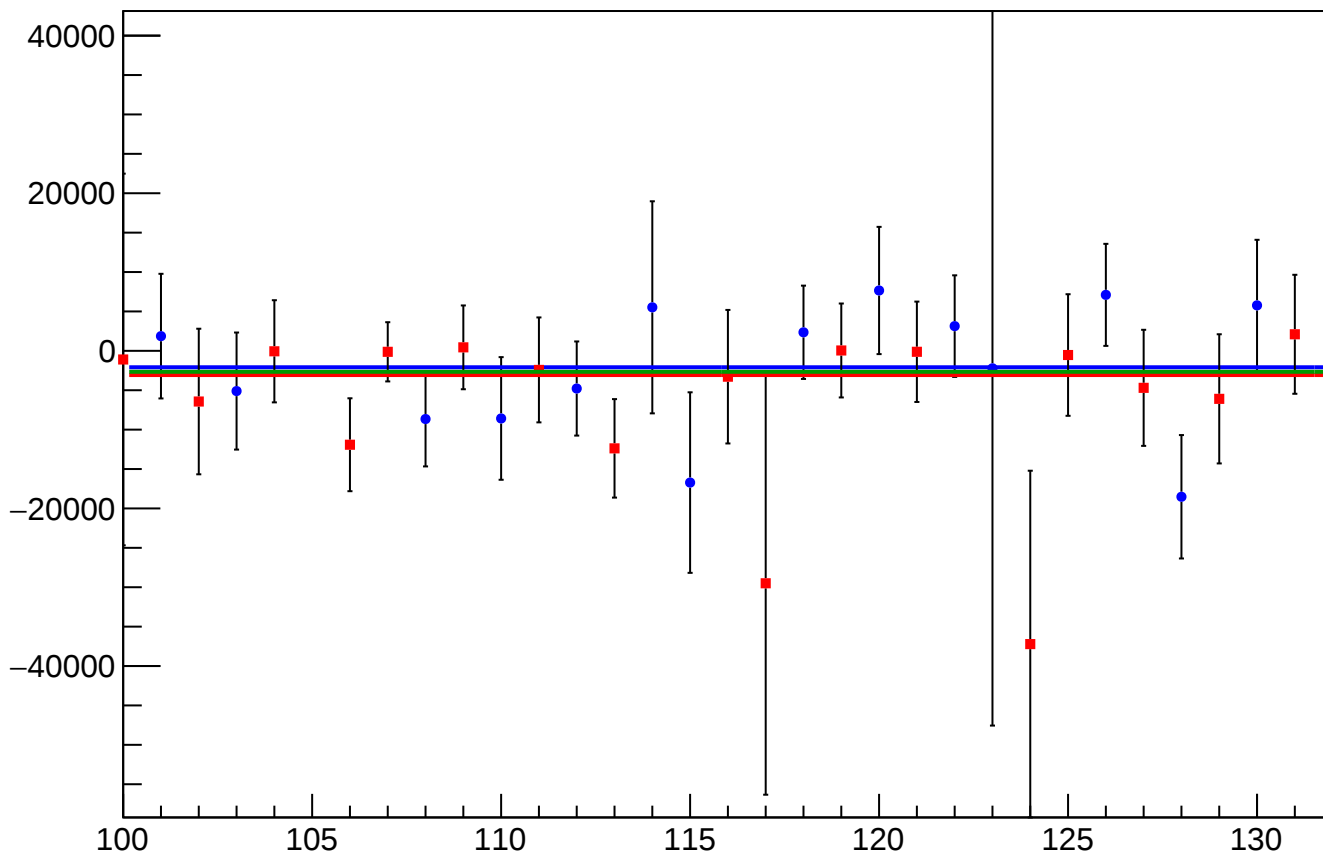
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4022.427+/-1.226 χ^2/NDF : 413476.8/14

788.546+/-0.312 χ^2/NDF : 16518863.4/31

564.491+/-0.323 χ^2/NDF : 8664795.1/16

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2085.765+/-1959.138 χ^2/NDF : 14.5/14

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

Right Out: -3072.337+/-1670.614 χ^2/NDF : 10.5/16

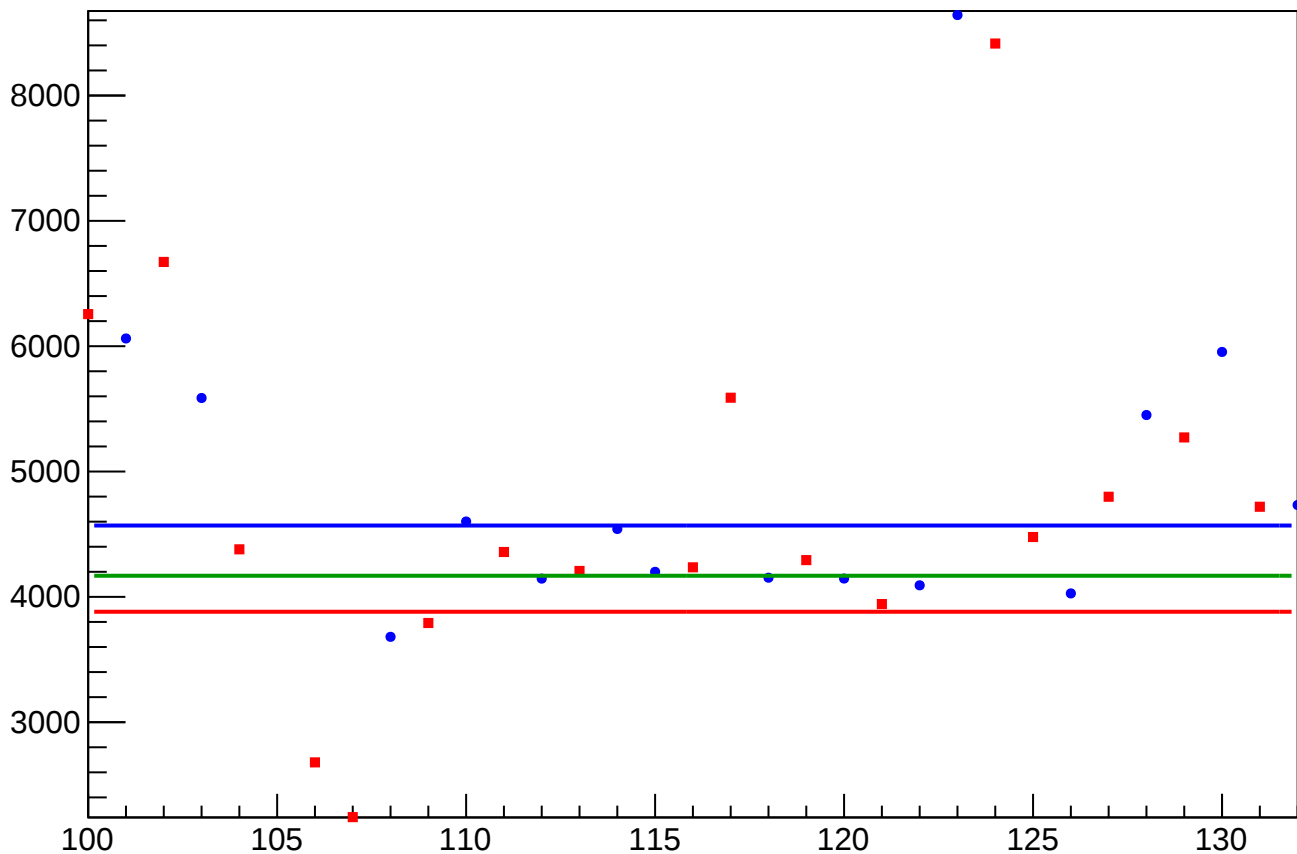
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2085.765+/-1959.138 χ^2/NDF : 14.5/14

-2656.980+/-1271.193 χ^2/NDF : 25.2/31

-3072.337+/-1670.614 χ^2/NDF : 10.5/16

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4569.228+/-1.385 χ^2/NDF : 302772.0/14

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

Right Out: 3881.241+/-1.173 χ^2/NDF : 940847.2/16

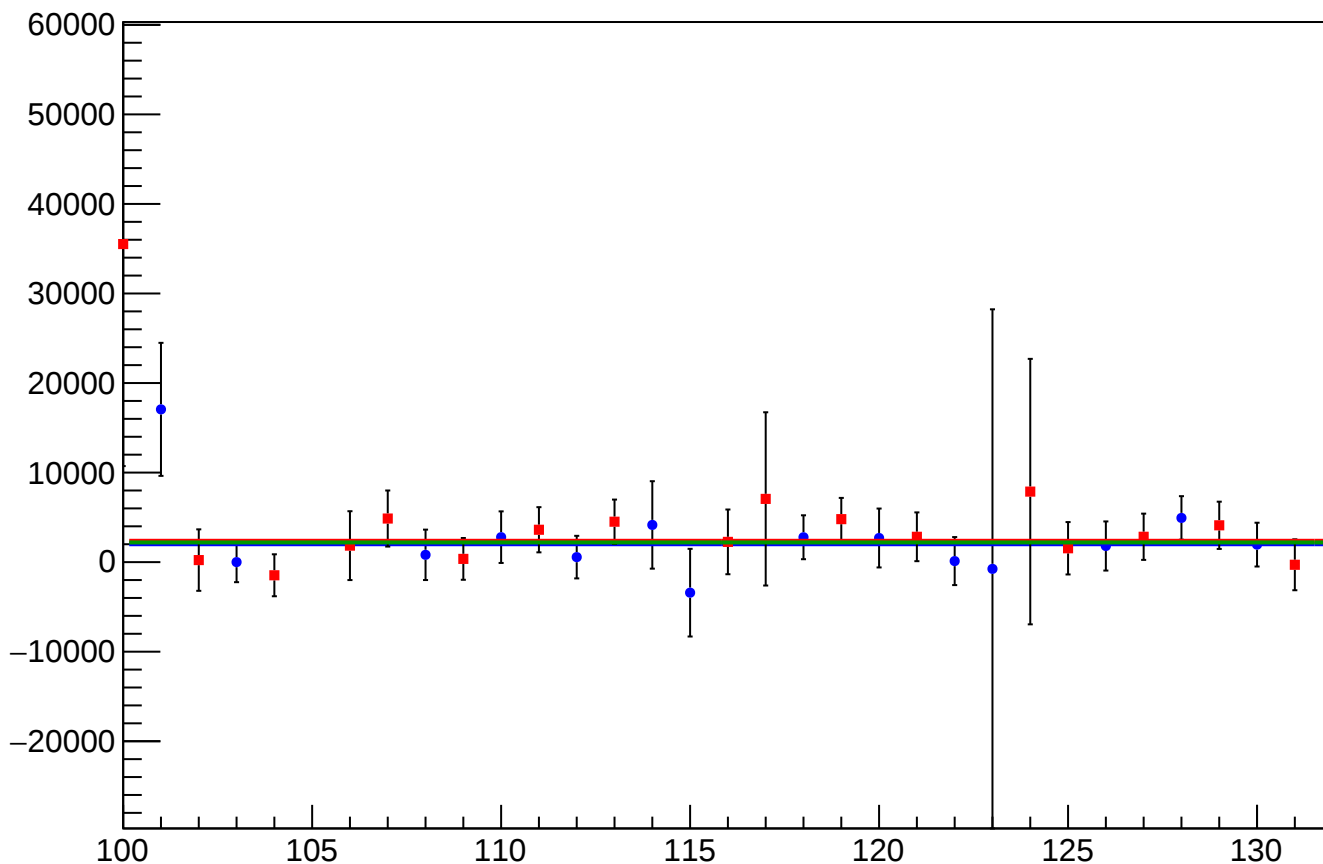
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4569.228+/-1.385 χ^2/NDF : 302772.0/14

4168.477+/-0.895 χ^2/NDF : 1387285.5/31

3881.241+/-1.173 χ^2/NDF : 940847.2/16

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1999.162+/-761.927 χ^2/NDF : 9.3/14

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

Right Out: 2383.558+/-729.035 χ^2/NDF : 10.1/16

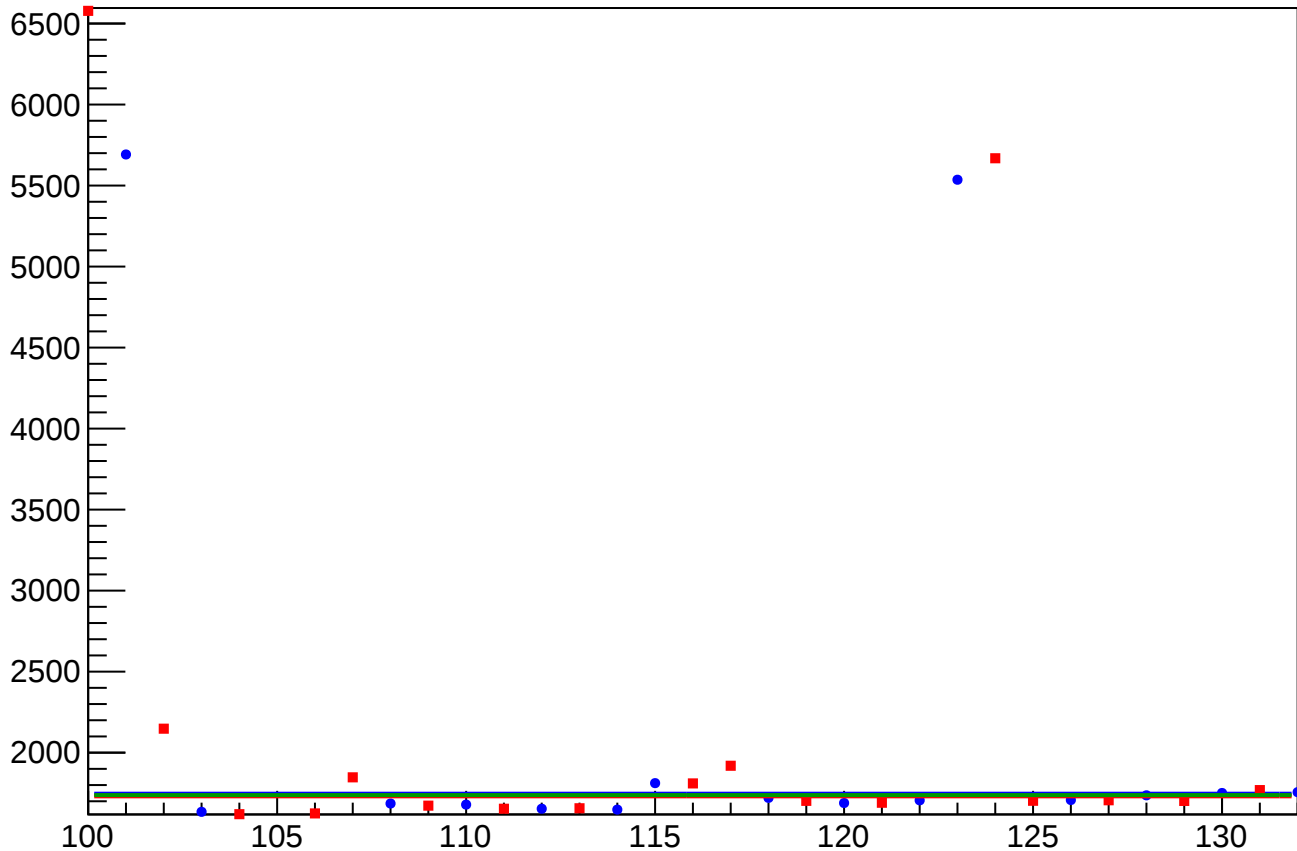
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1999.162+/-761.927 χ^2/NDF : 9.3/14

2199.836+/-526.750 χ^2/NDF : 19.5/31

2383.558+/-729.035 χ^2/NDF : 10.1/16

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1746.672+/-0.539 χ^2/NDF : 611378.5/14

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

Right Out: 1730.359+/-0.512 χ^2/NDF : 264817.1/16

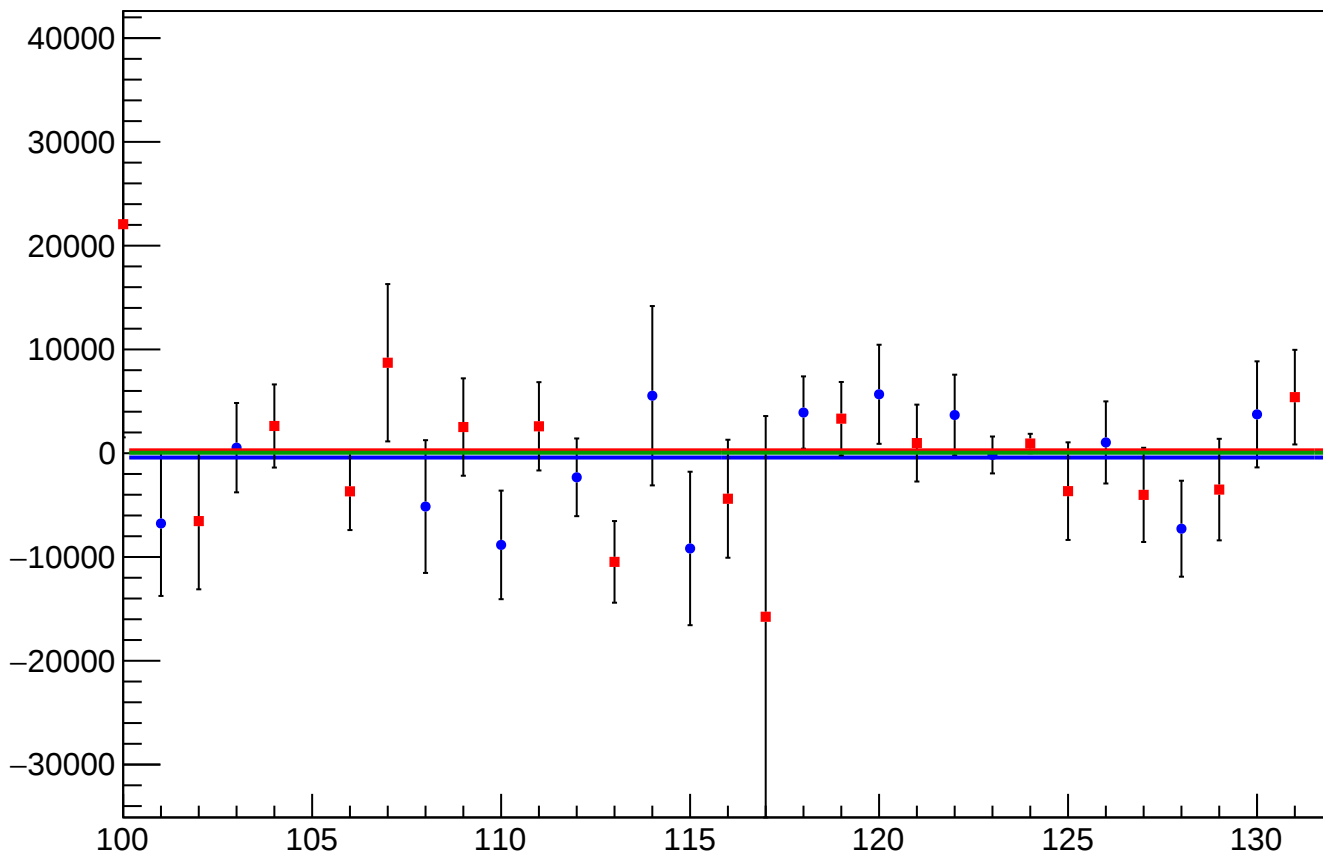
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1746.672+/-0.539 χ^2/NDF : 611378.5/14

1738.092+/-0.371 χ^2/NDF : 876677.8/31

1730.359+/-0.512 χ^2/NDF : 264817.1/16

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -414.943+/-1030.075 χ^2/NDF : 14.2/14

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

Right Out: 277.499+/-734.034 χ^2/NDF : 19.0/16

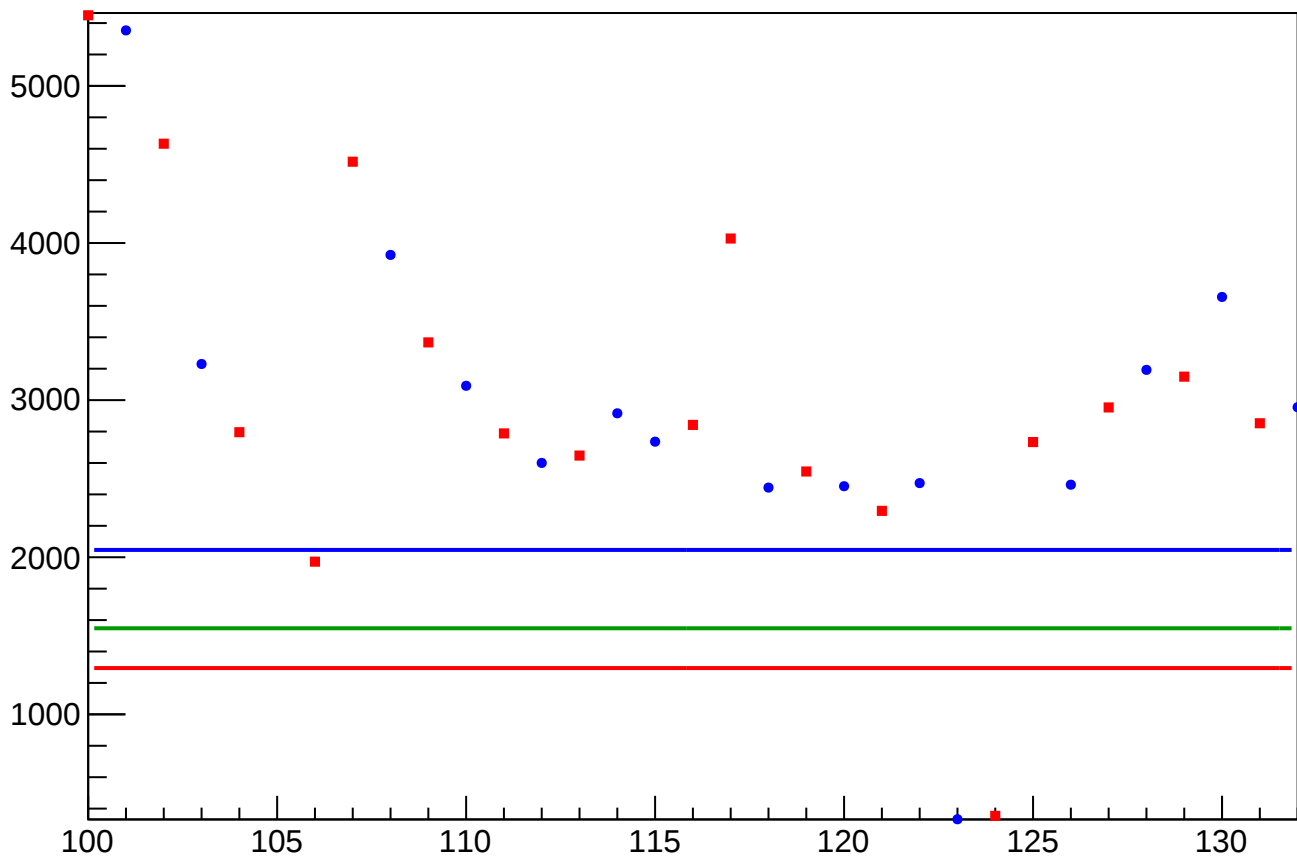
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-414.943+/-1030.075 χ^2/NDF : 14.2/14

44.296+/-597.784 χ^2/NDF : 33.5/31

277.499+/-734.034 χ^2/NDF : 19.0/16

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2046.542 $\pm$ 0.728 χ^2 /NDF: 3275922.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1294.560 $\pm$ 0.519 χ^2 /NDF: 5763004.3/16

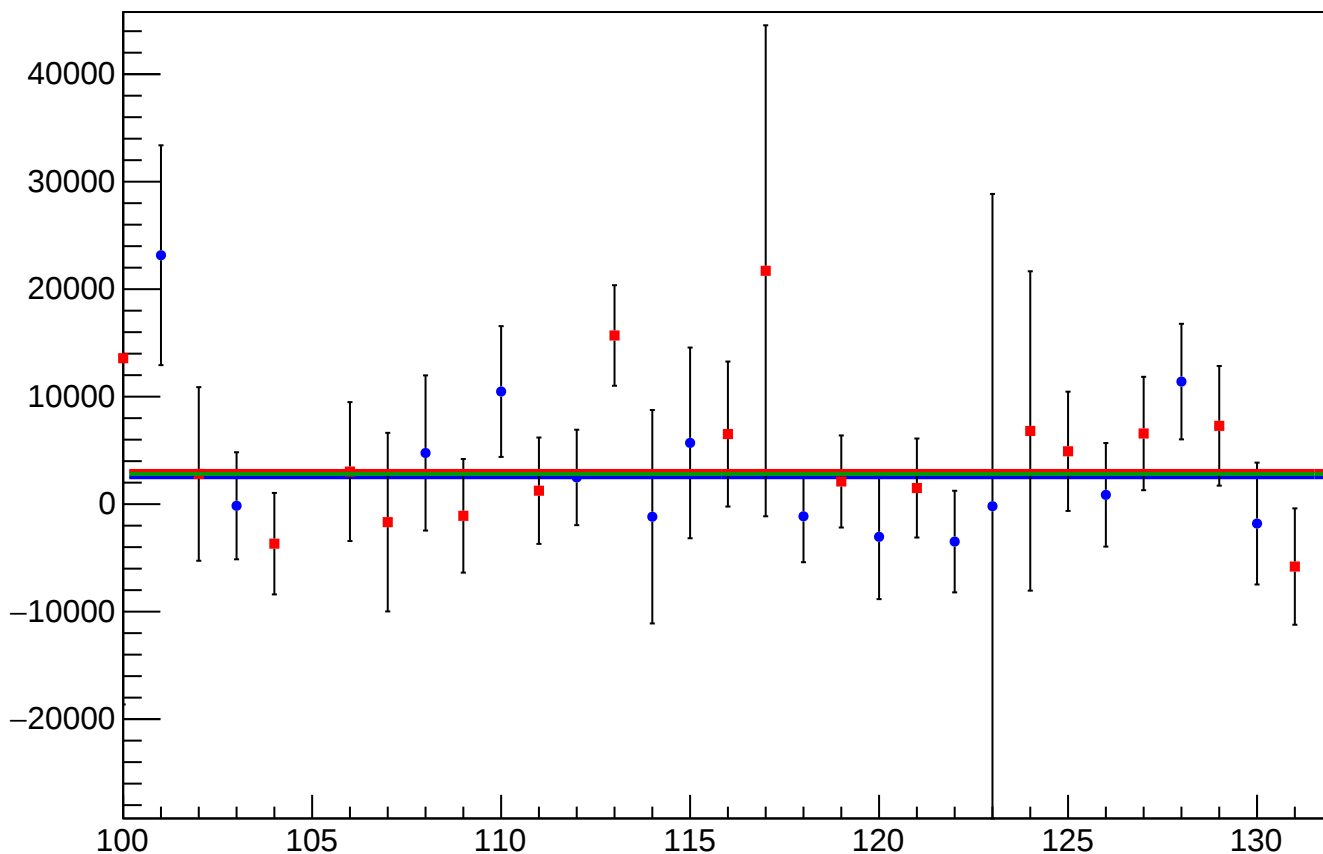
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2046.542 $\pm$ 0.728 χ^2 /NDF: 3275922.9/14

1547.815 $\pm$ 0.423 χ^2 /NDF: 9745835.1/31

1294.560 $\pm$ 0.519 χ^2 /NDF: 5763004.3/16

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2504.964+/-1503.111 χ^2/NDF : 14.1/14

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

Right Out: 3088.113+/-1433.044 χ^2/NDF : 15.5/16

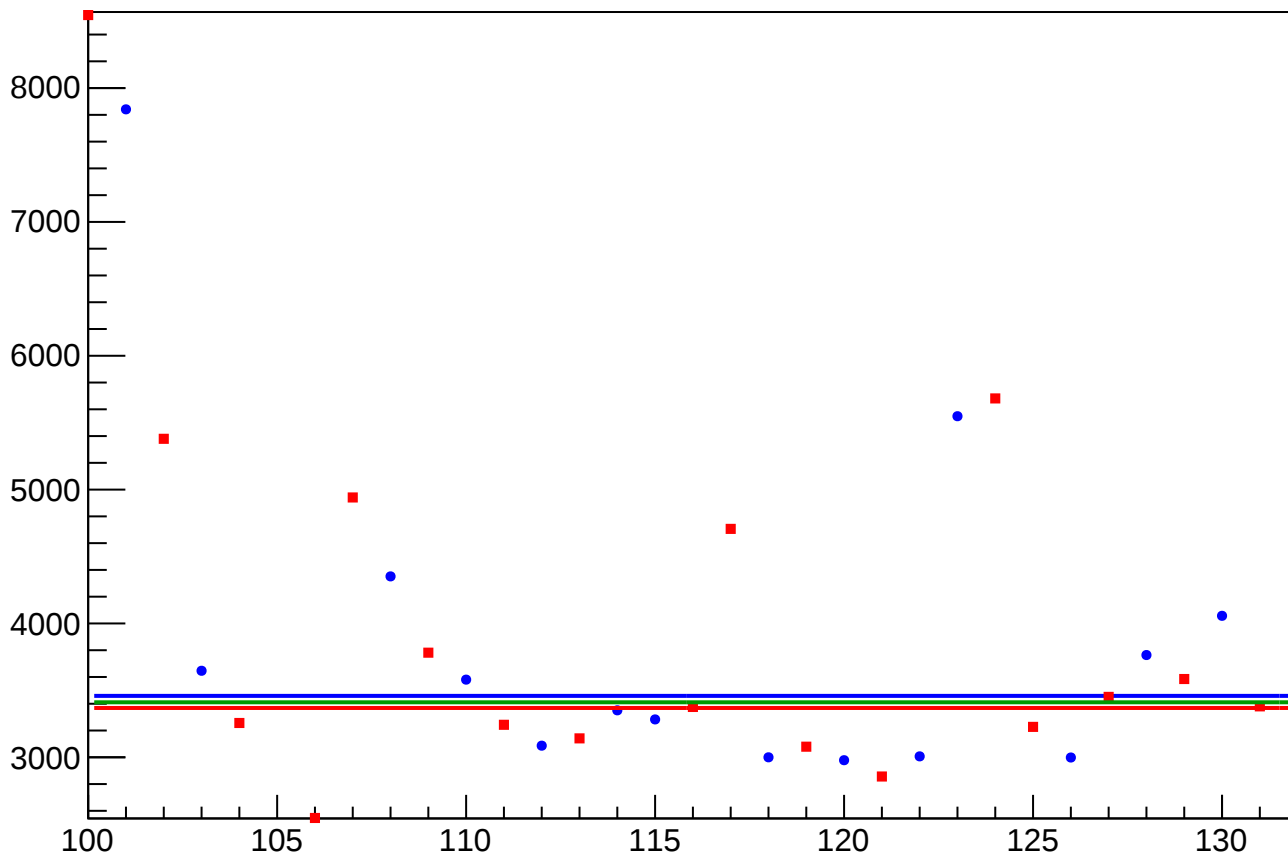
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2504.964+/-1503.111 χ^2/NDF : 14.1/14

2810.447+/-1037.201 χ^2/NDF : 29.7/31

3088.113+/-1433.044 χ^2/NDF : 15.5/16

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3458.891+/-1.063 χ^2/NDF : 529065.1/14

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

Right Out: 3368.492+/-0.998 χ^2/NDF : 413332.7/16

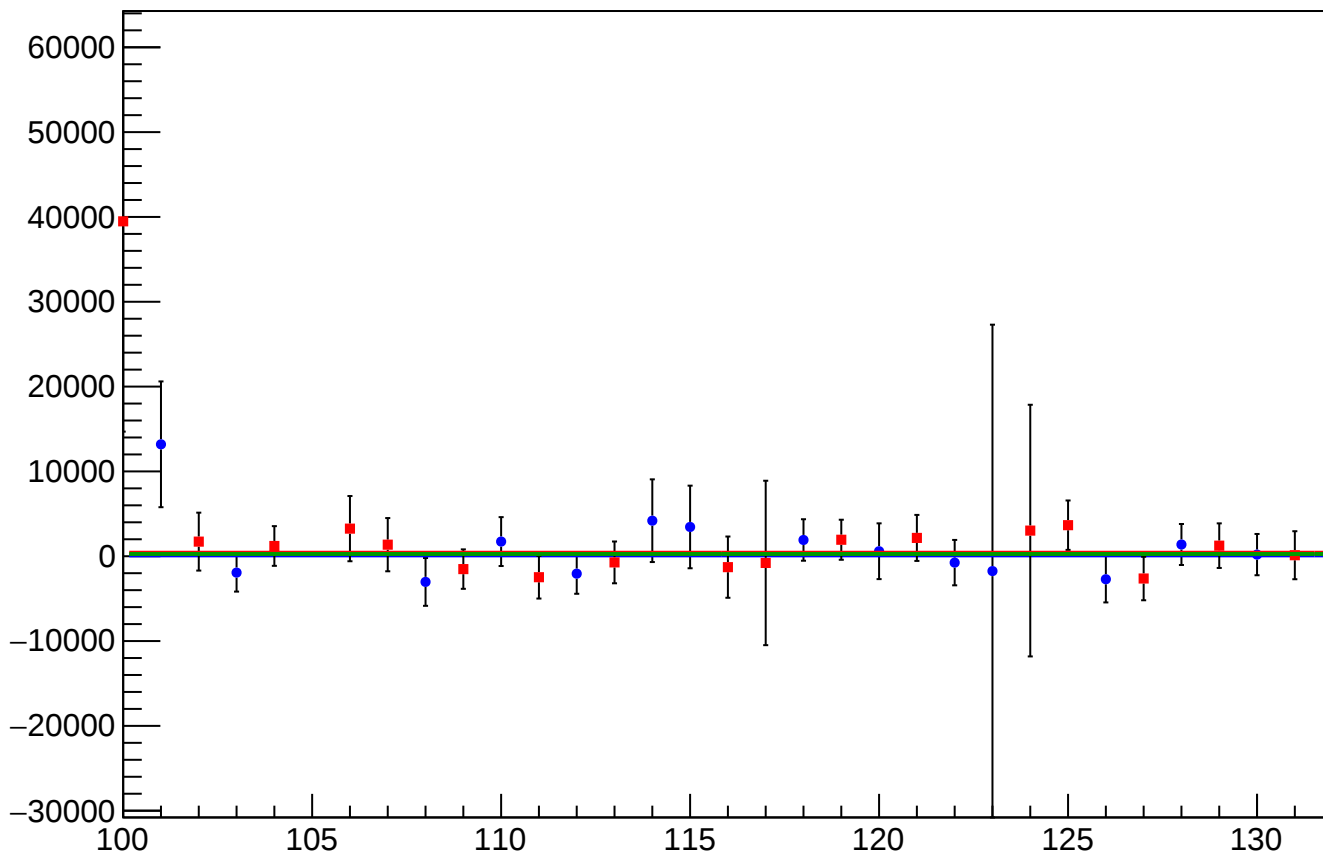
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3458.891+/-1.063 χ^2/NDF : 529065.1/14

3410.856+/-0.728 χ^2/NDF : 946241.8/31

3368.492+/-0.998 χ^2/NDF : 413332.7/16

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 104.247+/-759.985 χ^2/NDF : 10.5/14

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

Right Out: 410.337+/-726.726 χ^2/NDF : 9.5/16

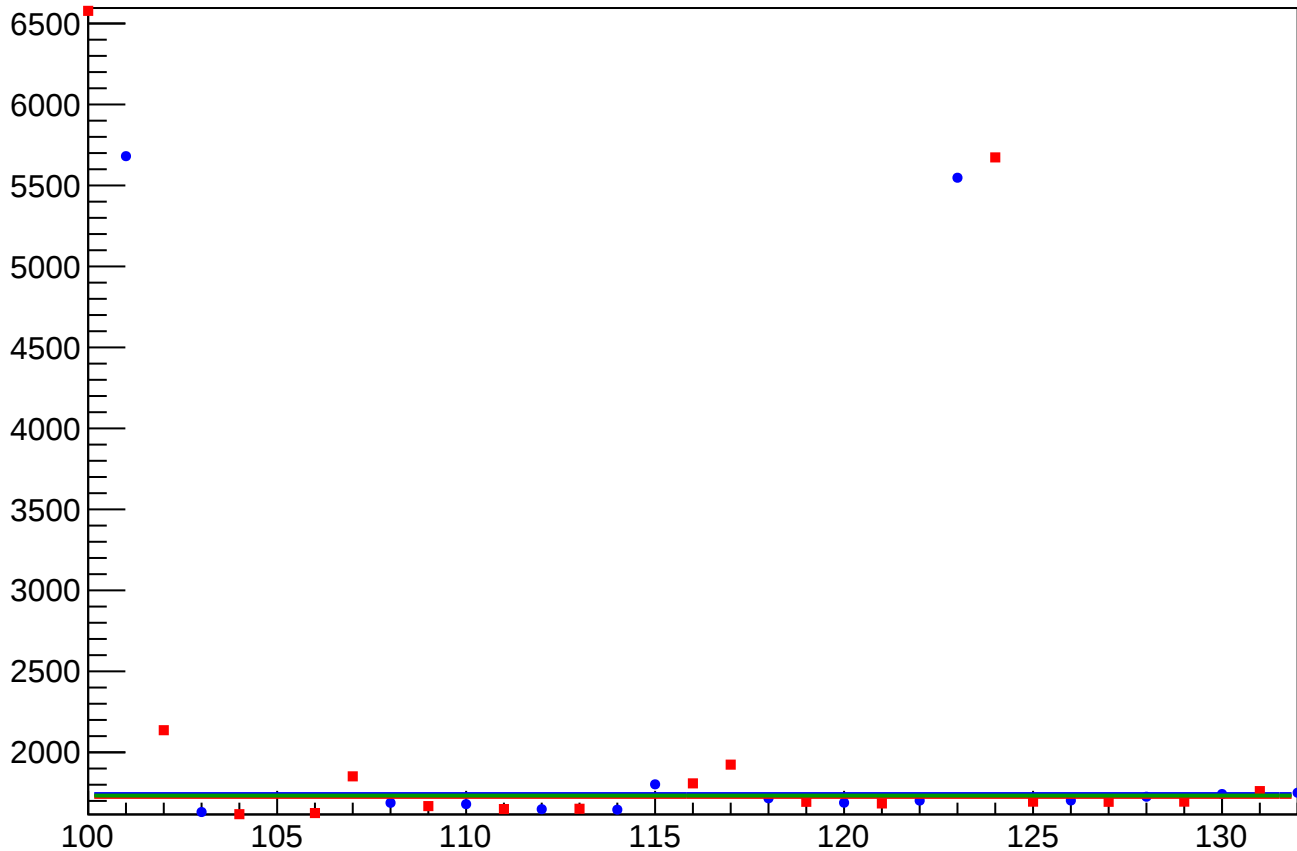
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.247+/-759.985 χ^2/NDF : 10.5/14

264.136+/-525.237 χ^2/NDF : 20.0/31

410.337+/-726.726 χ^2/NDF : 9.5/16

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.189+/-0.537 χ^2/NDF : 611257.1/14

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

Right Out: 1724.935+/-0.510 χ^2/NDF : 265246.3/16

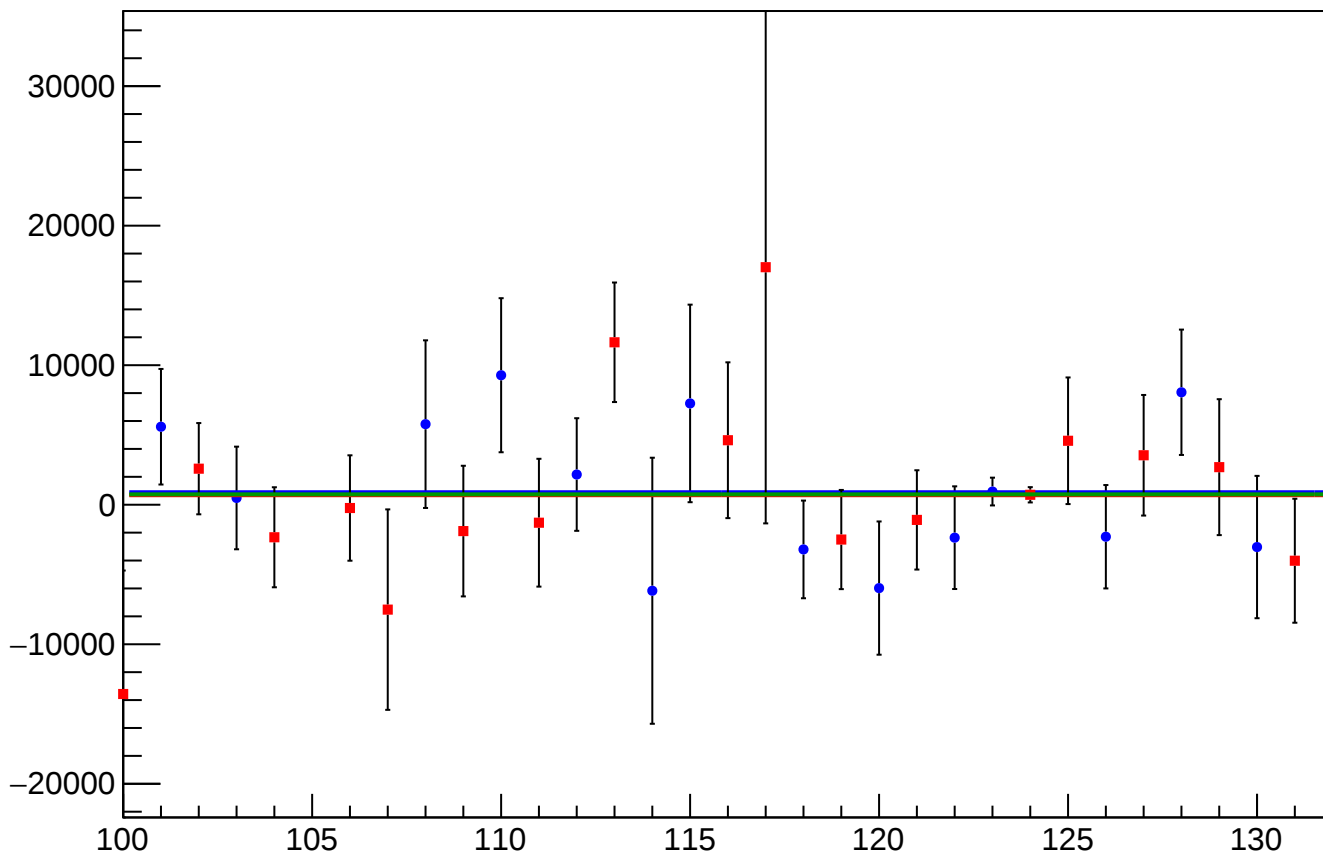
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1742.189+/-0.537 χ^2/NDF : 611257.1/14

1733.110+/-0.370 χ^2/NDF : 877045.8/31

1724.935+/-0.510 χ^2/NDF : 265246.3/16

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 894.802+/-765.395 χ^2/NDF : 13.9/14

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

Right Out: 681.426+/-491.606 χ^2/NDF : 16.8/16

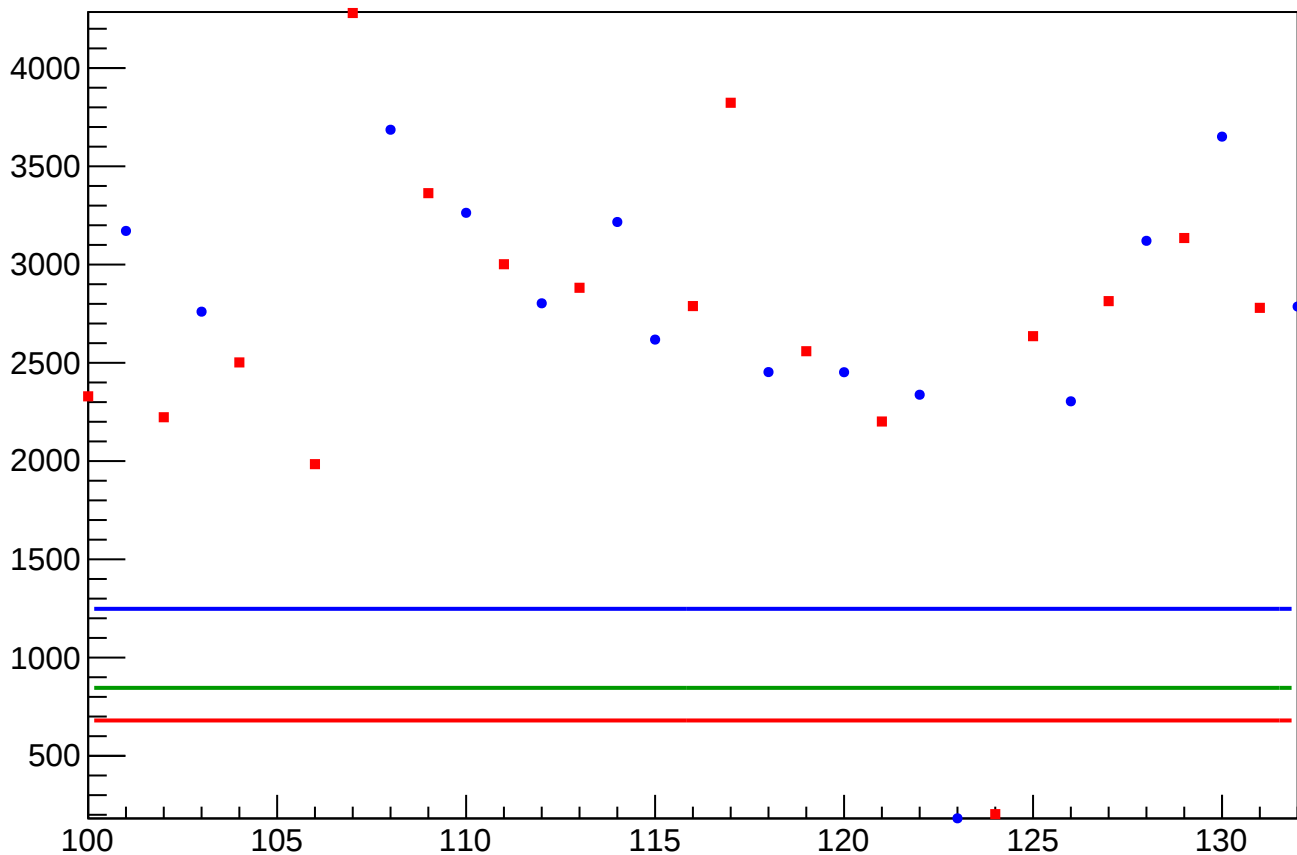
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

894.802+/-765.395 χ^2/NDF : 13.9/14

743.743+/-413.635 χ^2/NDF : 30.8/31

681.426+/-491.606 χ^2/NDF : 16.8/16

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1248.114+/-0.541 χ^2/NDF : 5857343.8/14

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

Right Out: 679.990+/-0.348 χ^2/NDF : 8067053.8/16

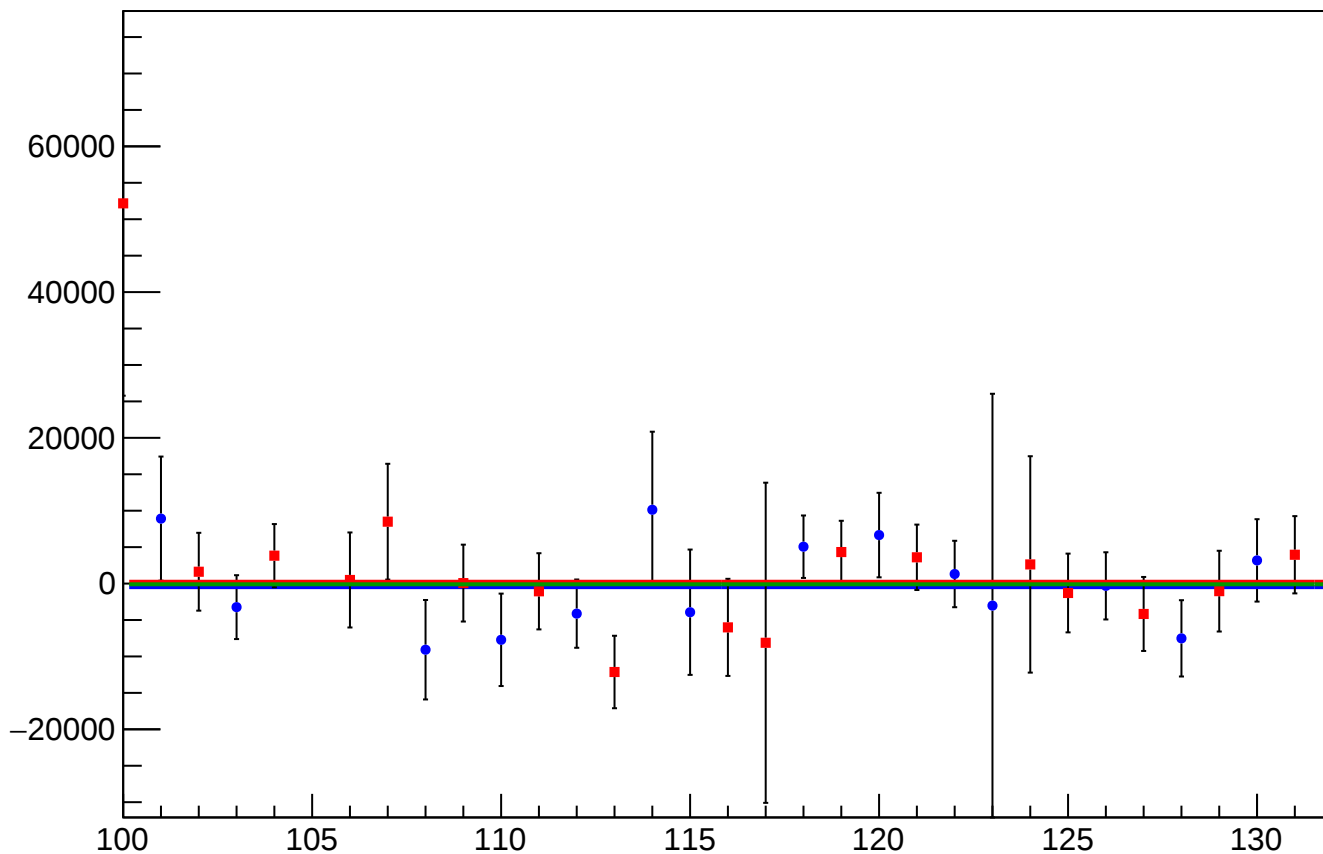
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1248.114+/-0.541 χ^2/NDF : 5857343.8/14

845.913+/-0.292 χ^2/NDF : 14704487.8/31

679.990+/-0.348 χ^2/NDF : 8067053.8/16

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -489.185+/-1466.469 χ^2/NDF : 11.9/14

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

Right Out: 250.075+/-1391.765 χ^2/NDF : 15.9/16

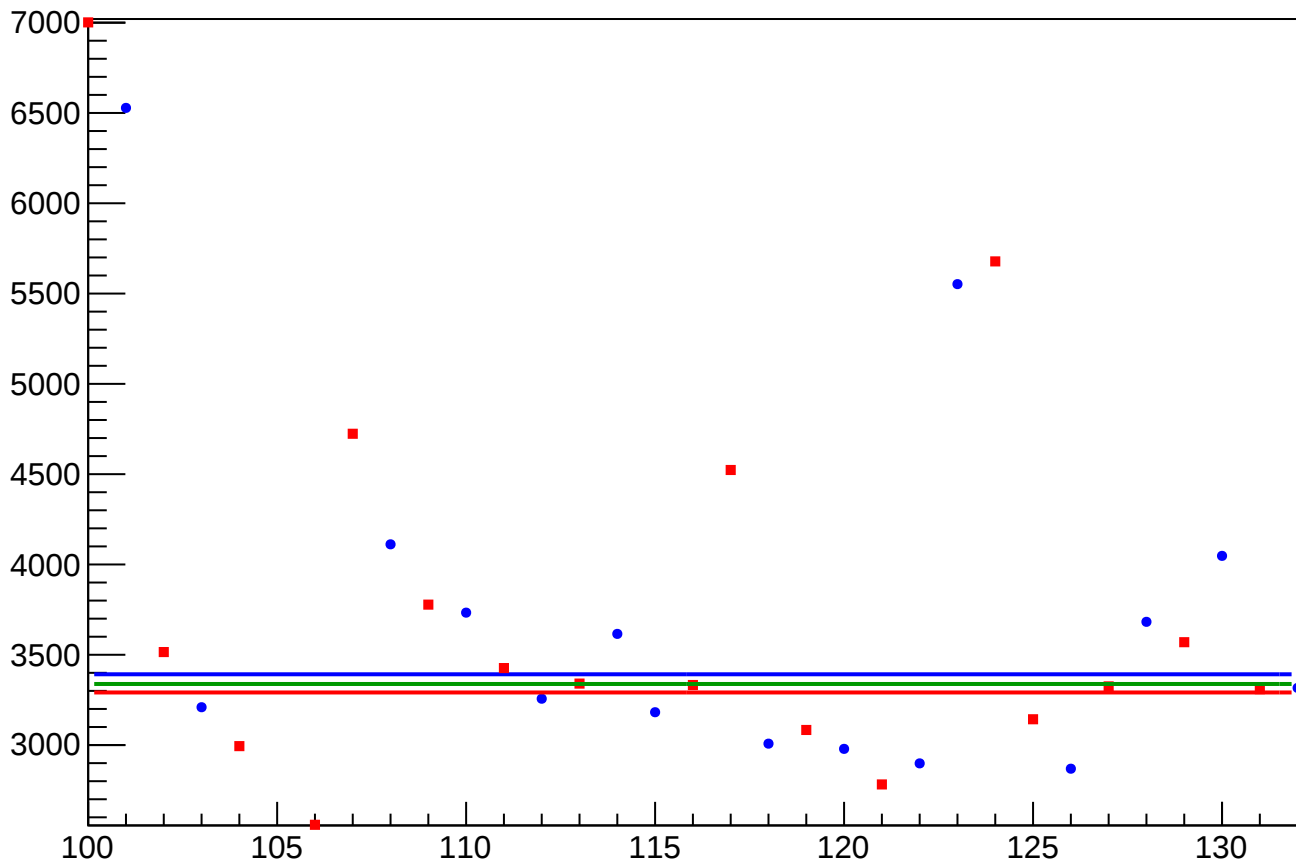
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-489.185+/-1466.469 χ^2/NDF : 11.9/14

-100.247+/-1009.503 χ^2/NDF : 27.8/31

250.075+/-1391.765 χ^2/NDF : 15.9/16

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3391.983+/-1.037 χ^2/NDF : 426311.4/14

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

Right Out: 3291.272+/-0.970 χ^2/NDF : 272399.2/16

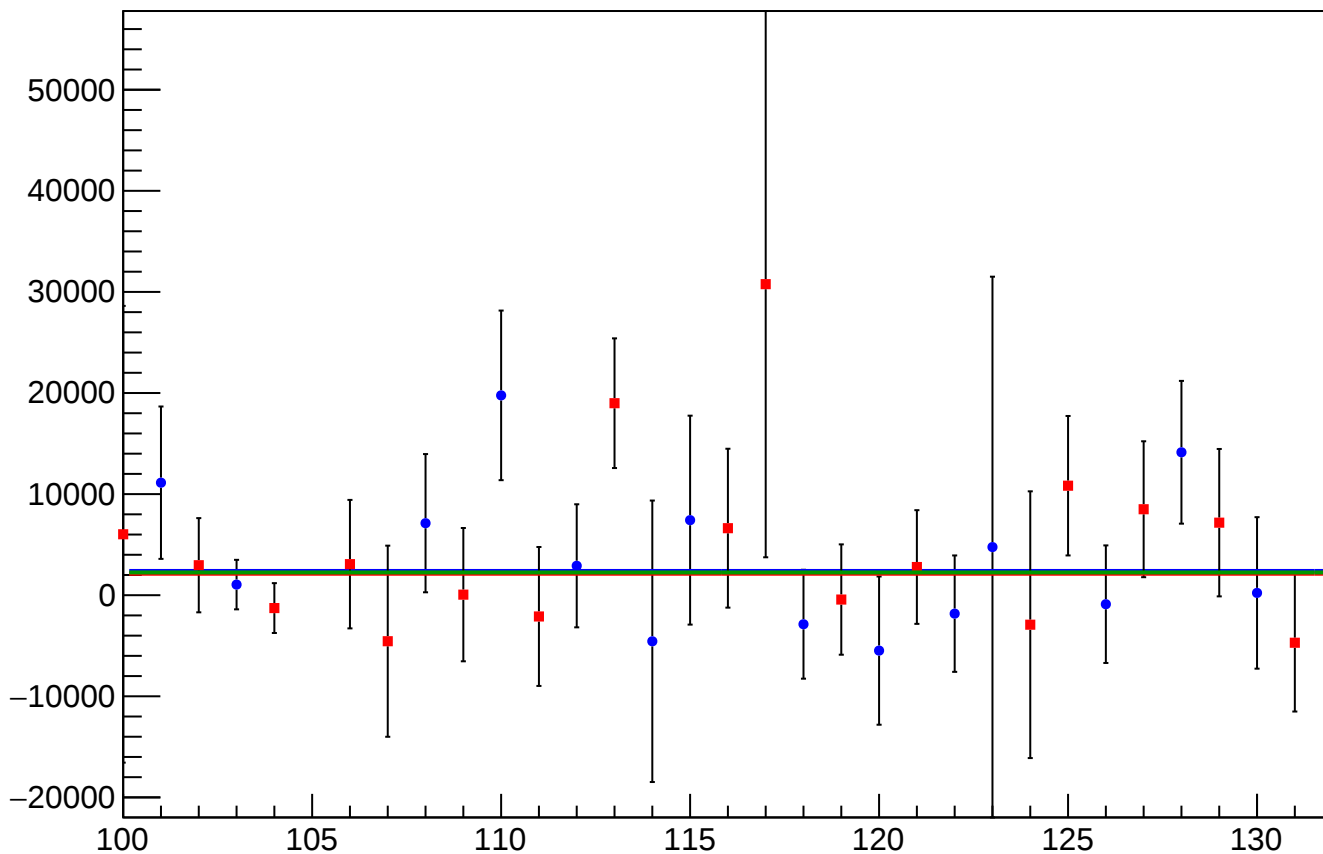
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3391.983+/-1.037 χ^2/NDF : 426311.4/14

3338.282+/-0.708 χ^2/NDF : 703740.5/31

3291.272+/-0.970 χ^2/NDF : 272399.2/16

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2397.726+/-1515.935 χ^2/NDF : 12.8/14

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

Right Out: 2123.039+/-1429.976 χ^2/NDF : 15.7/16

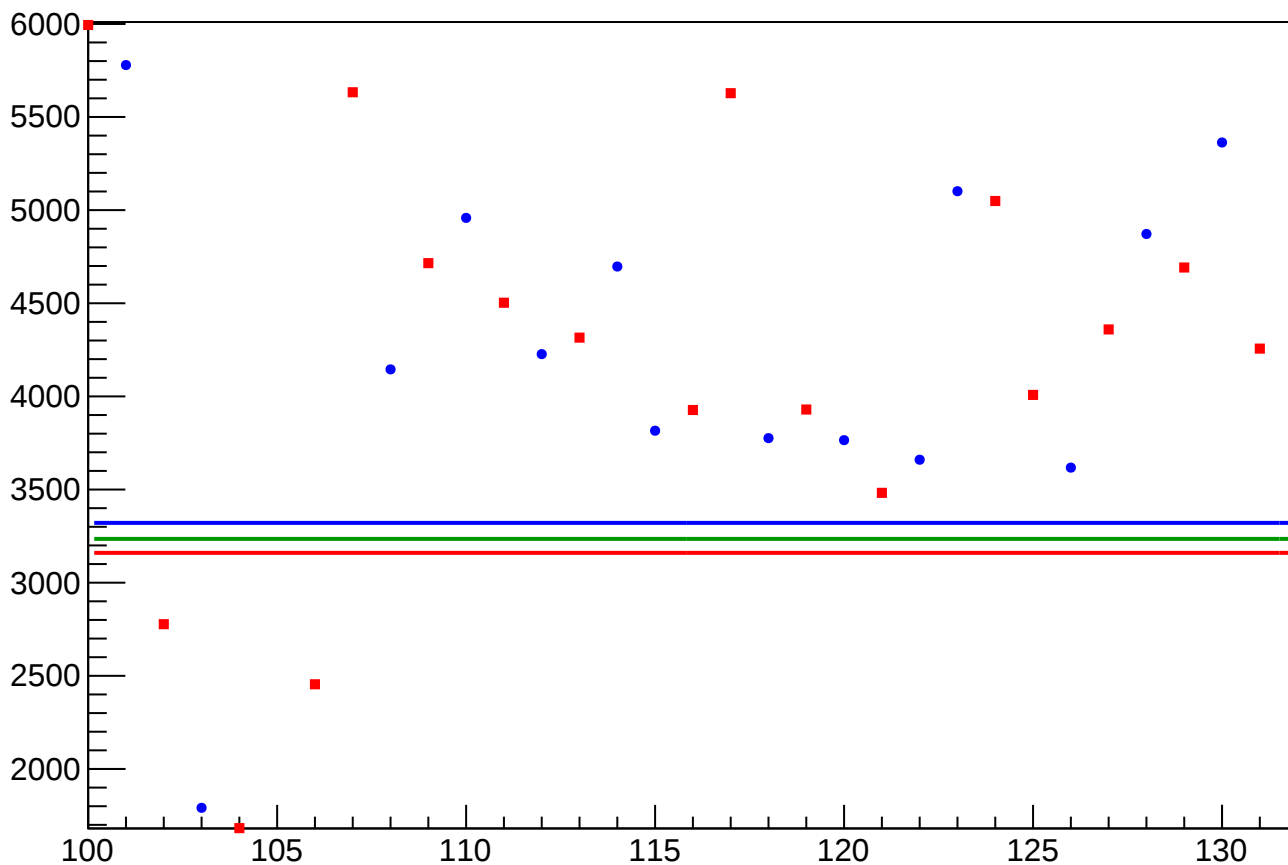
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2397.726+/-1515.935 χ^2/NDF : 12.8/14

2252.374+/-1040.207 χ^2/NDF : 28.6/31

2123.039+/-1429.976 χ^2/NDF : 15.7/16

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3321.037+/-1.072 χ^2/NDF : 1498717.5/14

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

Right Out: 3160.061+/-1.001 χ^2/NDF : 1544278.9/16

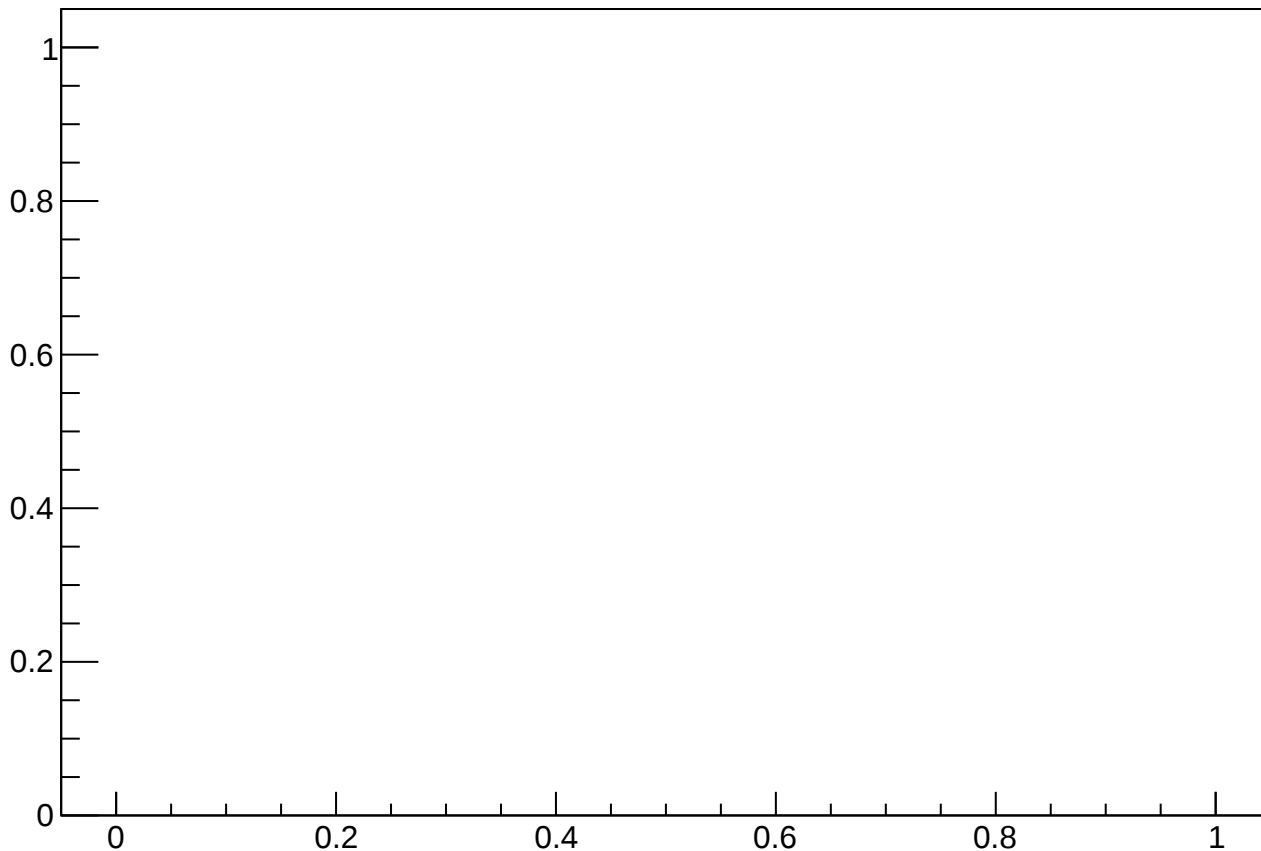
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3321.037+/-1.072 χ^2/NDF : 1498717.5/14

3235.070+/-0.732 χ^2/NDF : 3055040.9/31

3160.061+/-1.001 χ^2/NDF : 1544278.9/16

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

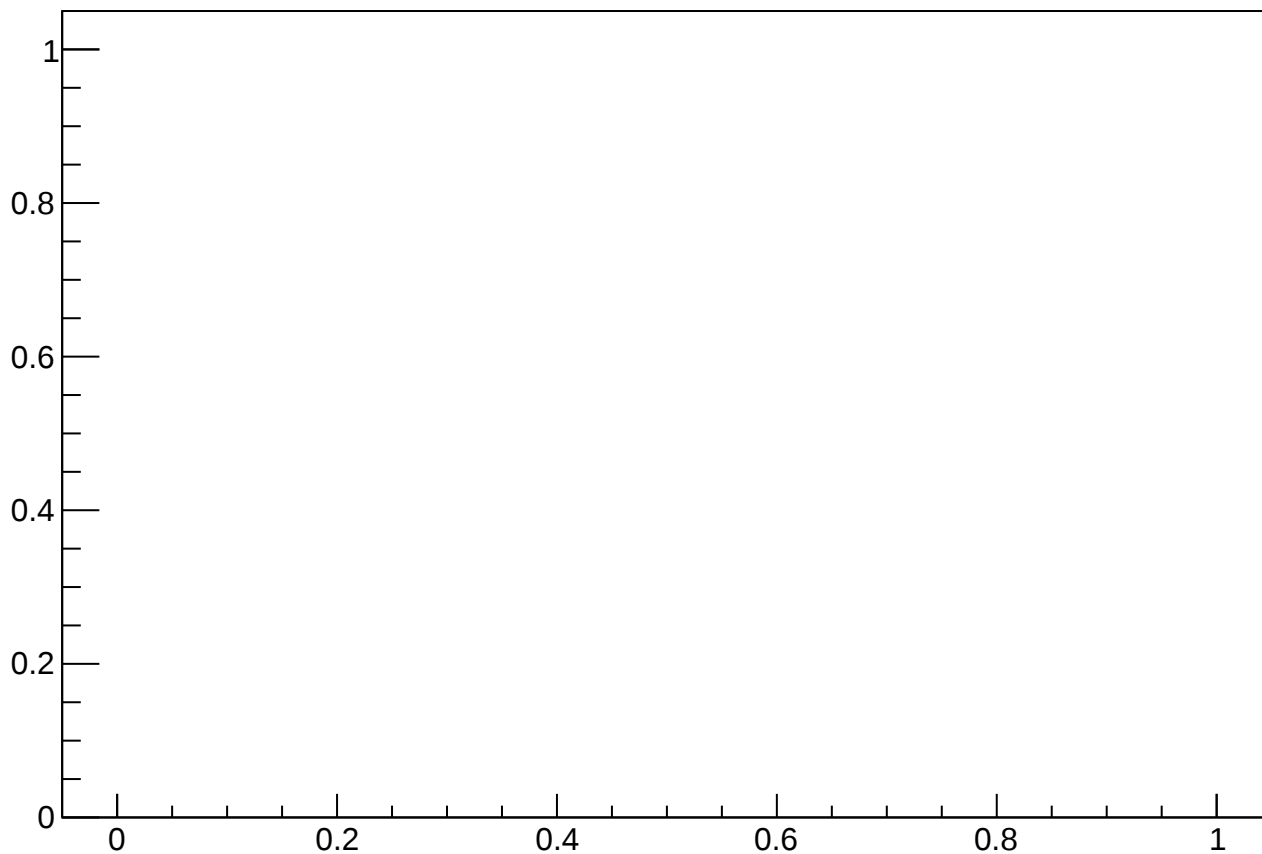
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

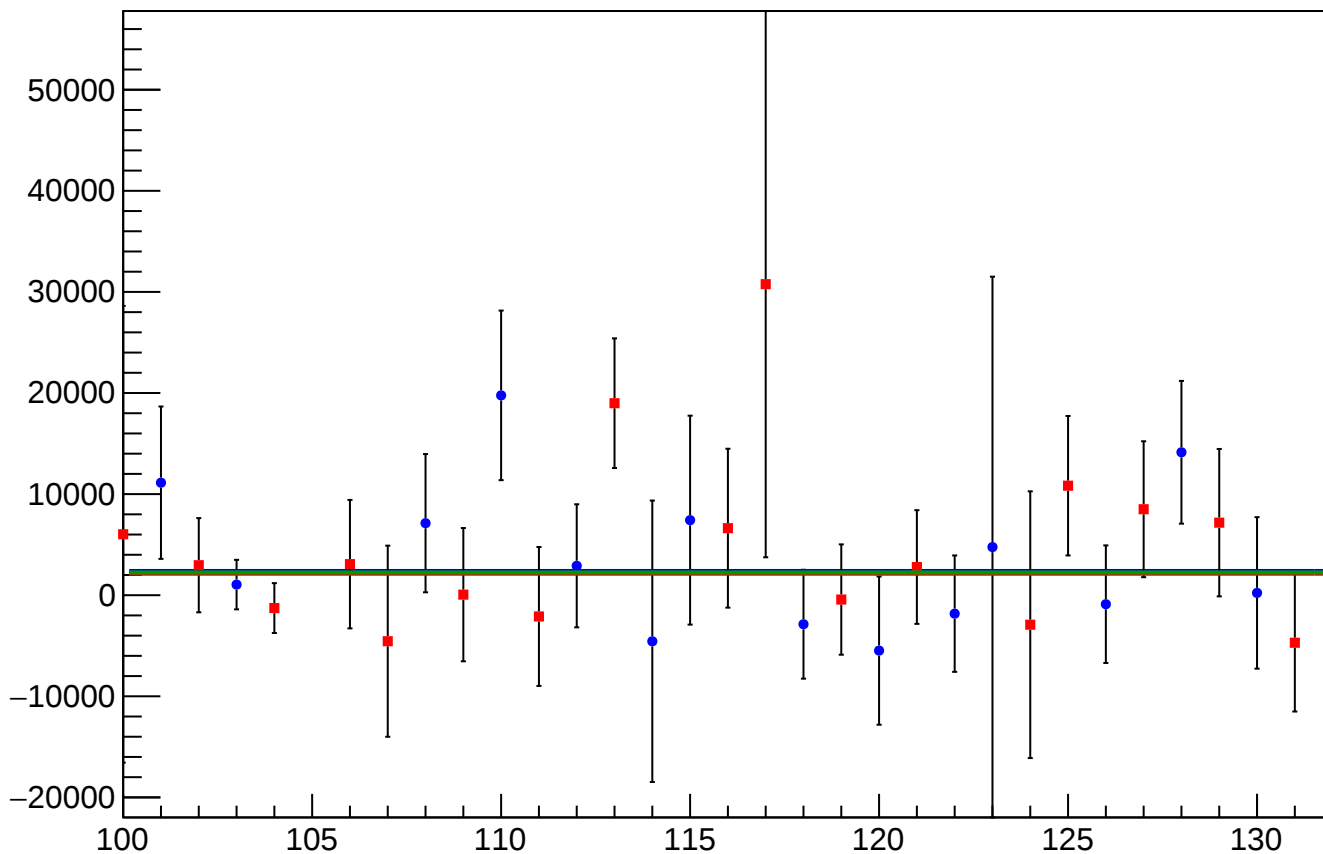
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2397.726+/-1515.935 χ^2/NDF : 12.8/14

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

Right Out: 2123.039+/-1429.976 χ^2/NDF : 15.7/16

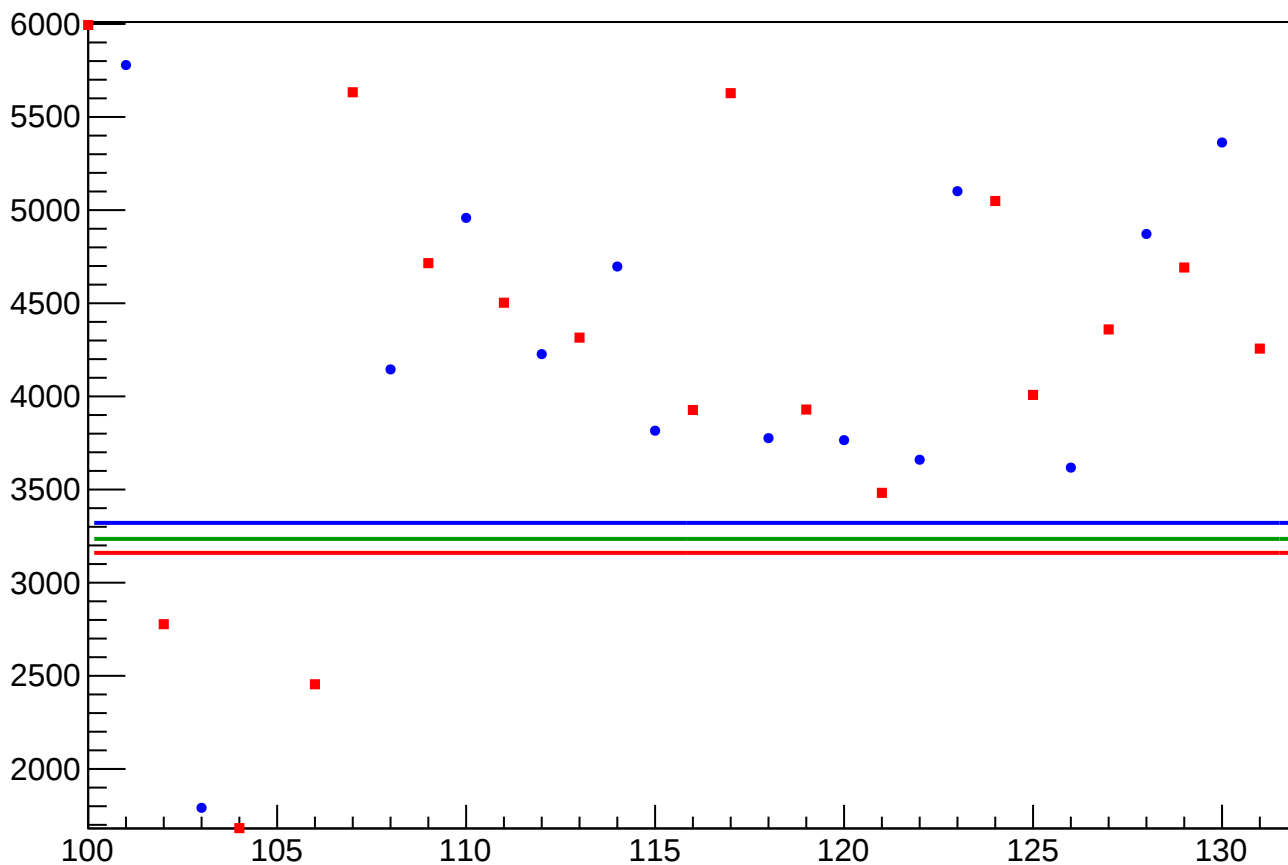
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2397.726+/-1515.935 χ^2/NDF : 12.8/14

2252.374+/-1040.207 χ^2/NDF : 28.6/31

2123.039+/-1429.976 χ^2/NDF : 15.7/16

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3321.037+/-1.072 χ^2/NDF : 1498717.5/14

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

Right Out: 3160.061+/-1.001 χ^2/NDF : 1544278.9/16

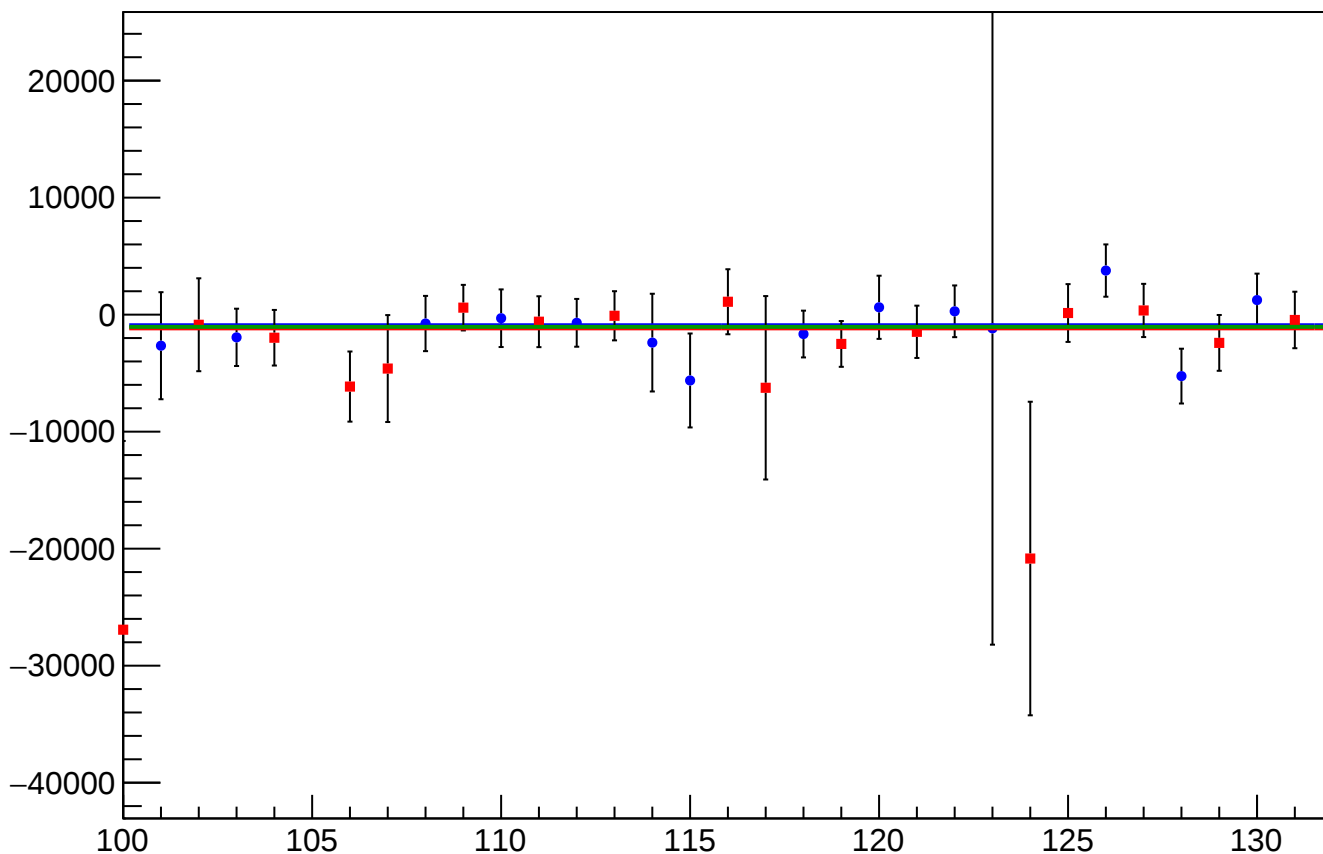
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3321.037+/-1.072 χ^2/NDF : 1498717.5/14

3235.070+/-0.732 χ^2/NDF : 3055040.9/31

3160.061+/-1.001 χ^2/NDF : 1544278.9/16

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -905.821+/-664.022 χ^2/NDF : 12.2/14

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

Right Out: -1171.269+/-642.463 χ^2/NDF : 12.0/16

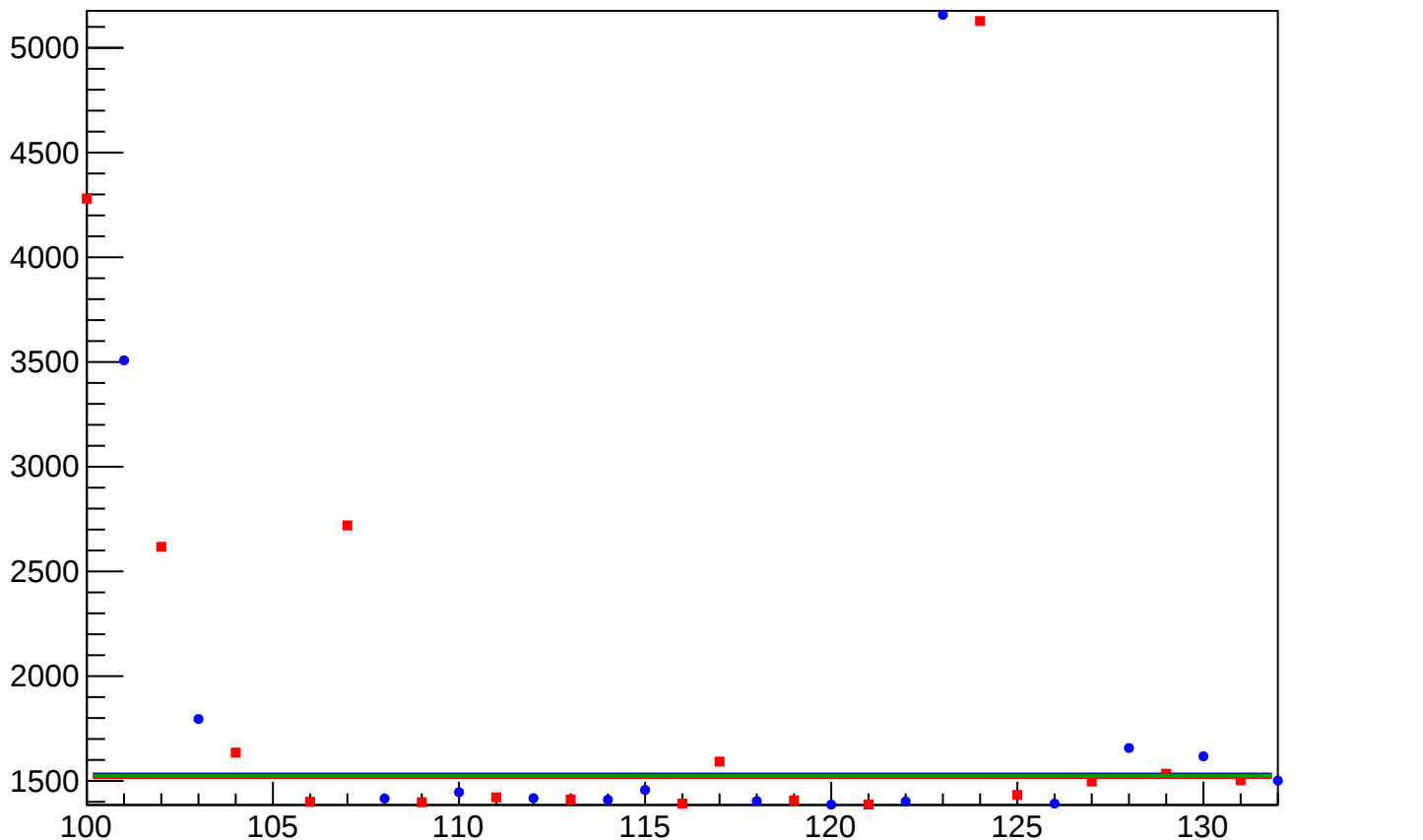
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-905.821+/-664.022 χ^2/NDF : 12.2/14

-1042.924+/-461.723 χ^2/NDF : 24.2/31

-1171.269+/-642.463 χ^2/NDF : 12.0/16

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1530.289+/-0.470 χ^2/NDF : 485993.6/14

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

Right Out: 1518.427+/-0.454 χ^2/NDF : 540496.6/16

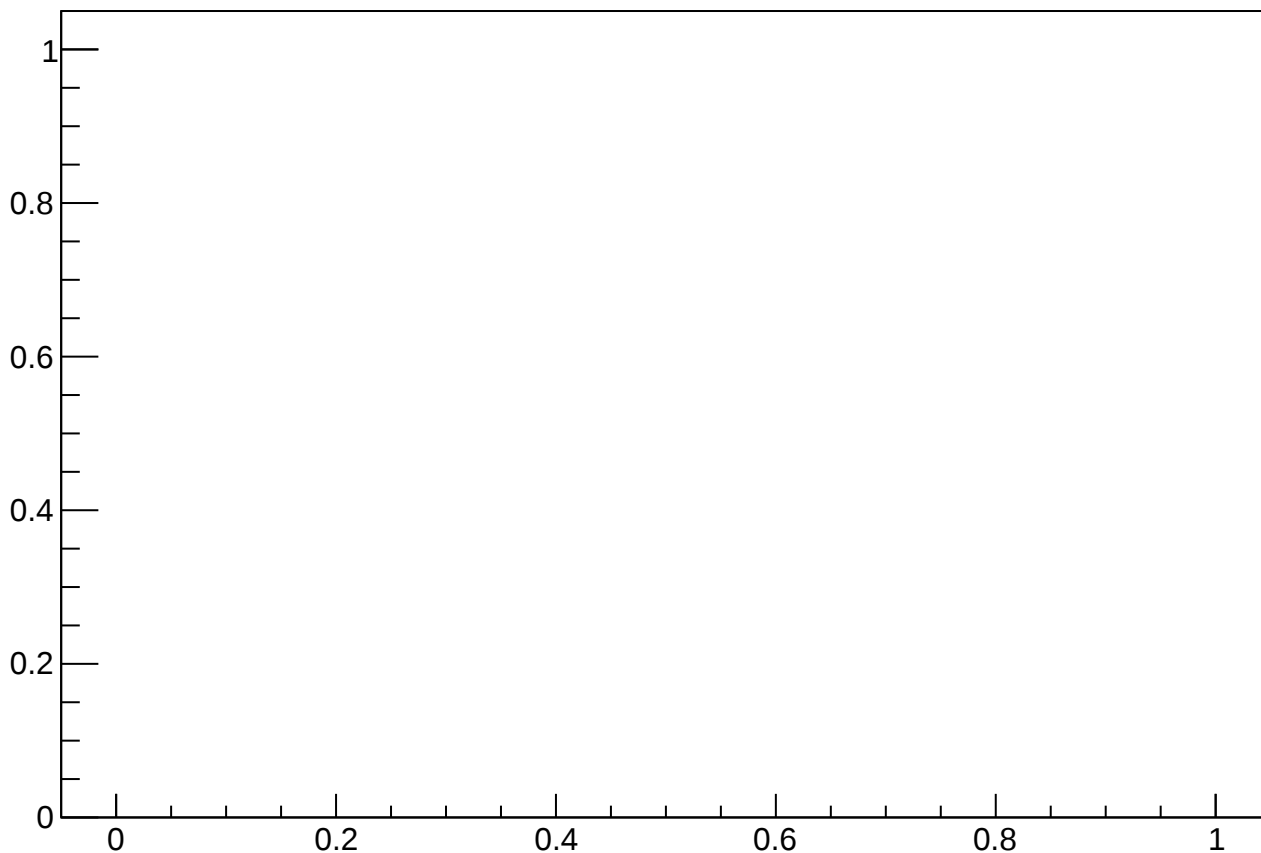
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1530.289+/-0.470 χ^2/NDF : 485993.6/14

1524.162+/-0.326 χ^2/NDF : 1026819.9/31

1518.427+/-0.454 χ^2/NDF : 540496.6/16

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

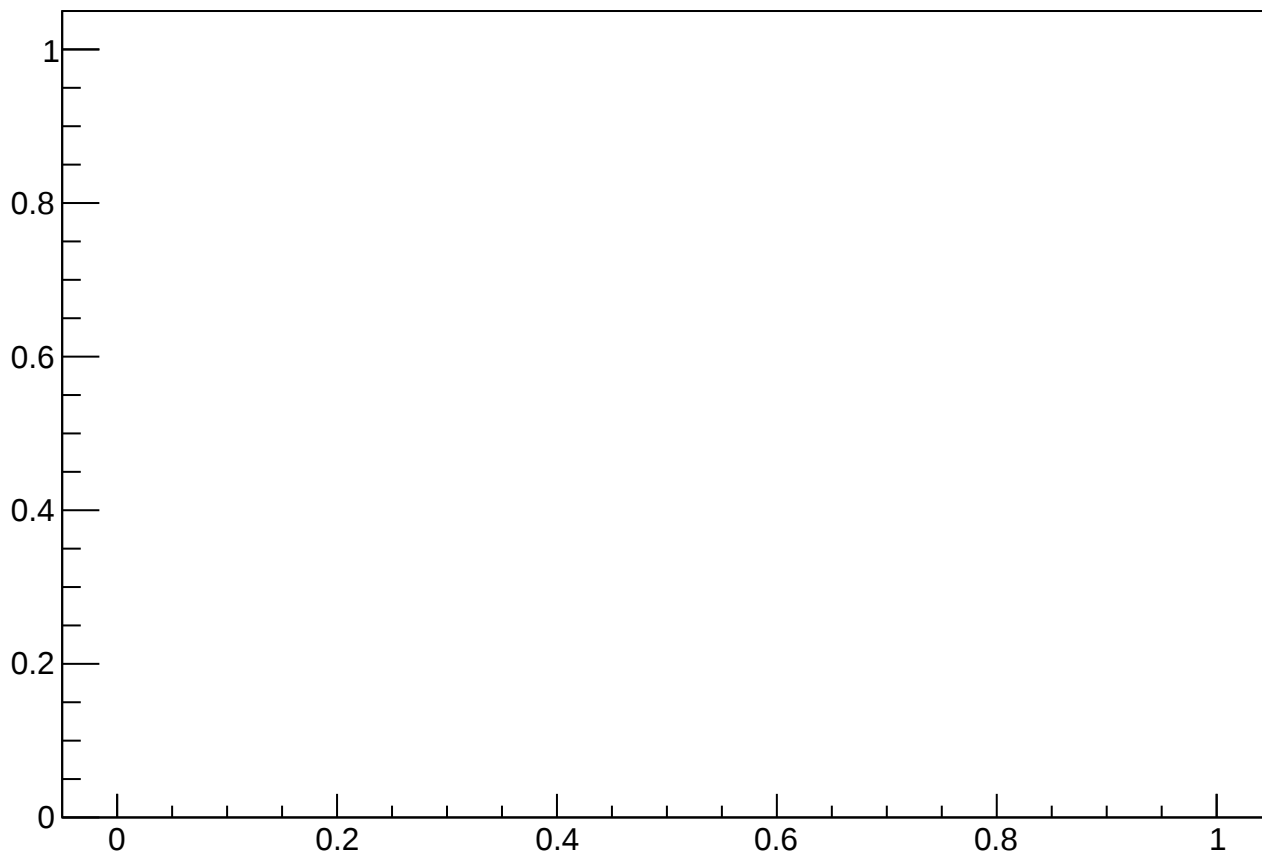
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

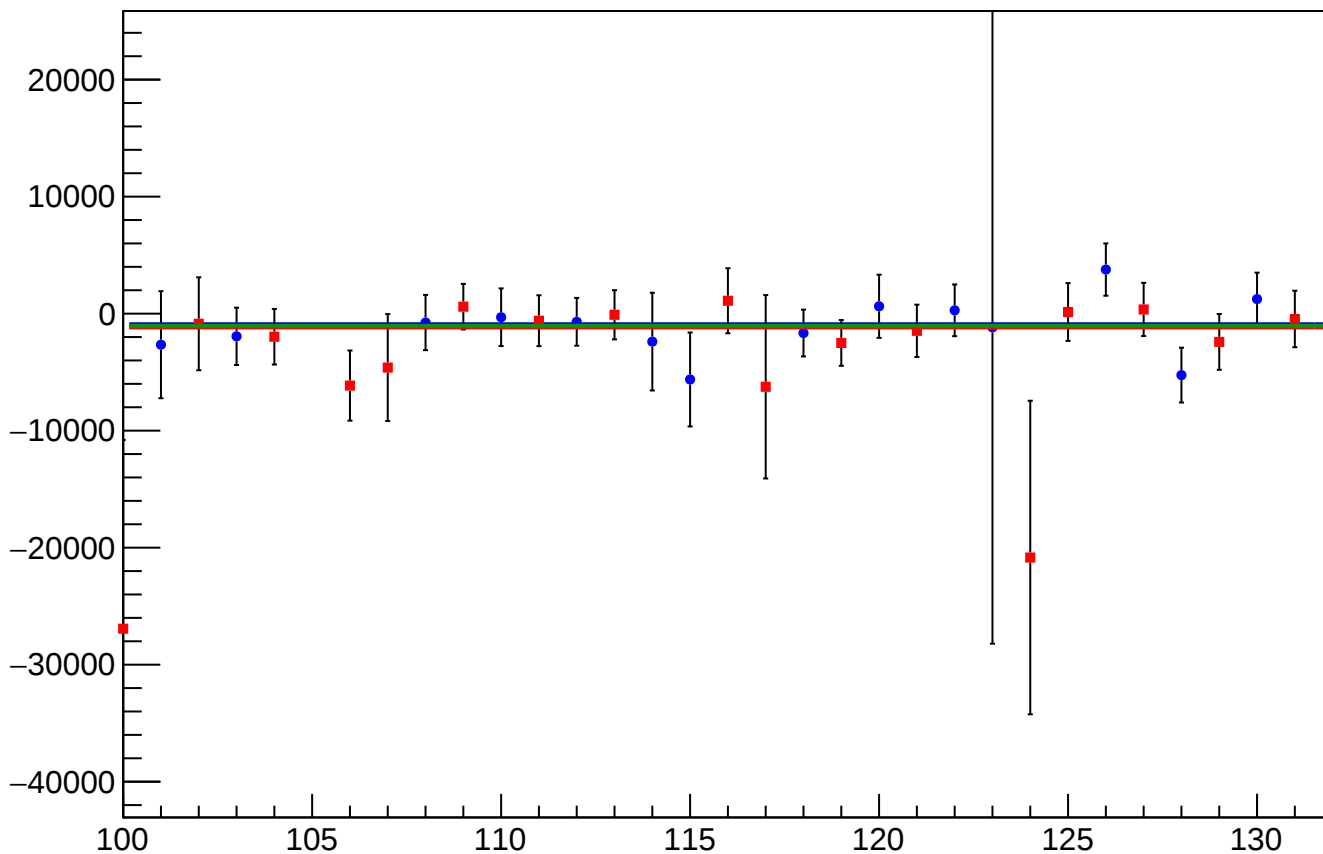
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -905.821+/-664.022 χ^2/NDF : 12.2/14

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

Right Out: -1171.269+/-642.463 χ^2/NDF : 12.0/16

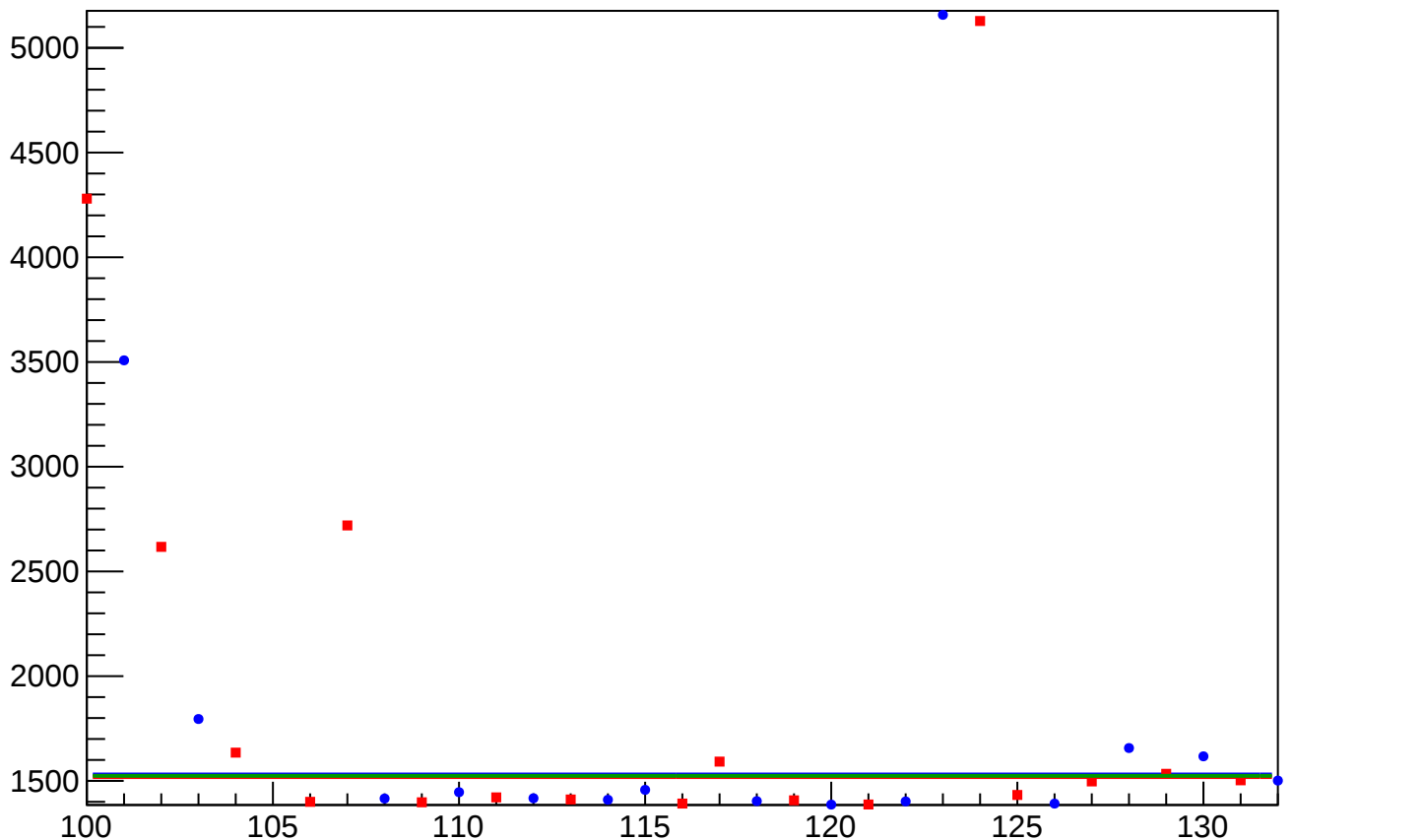
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-905.821+/-664.022 χ^2/NDF : 12.2/14

-1042.924+/-461.723 χ^2/NDF : 24.2/31

-1171.269+/-642.463 χ^2/NDF : 12.0/16

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1530.289+/-0.470 χ^2/NDF : 485993.6/14

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

Right Out: 1518.427+/-0.454 χ^2/NDF : 540496.6/16

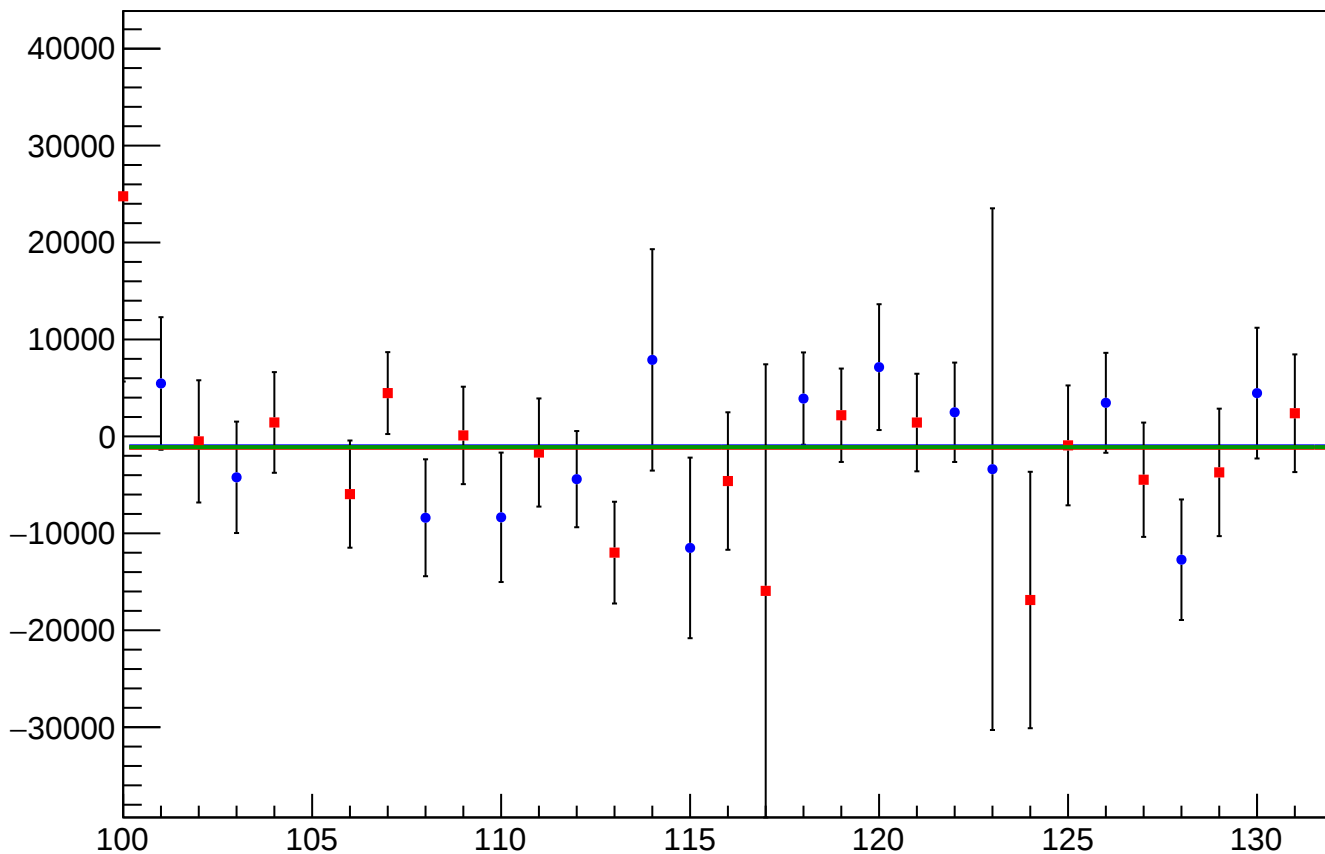
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1530.289+/-0.470 χ^2/NDF : 485993.6/14

1524.162+/-0.326 χ^2/NDF : 1026819.9/31

1518.427+/-0.454 χ^2/NDF : 540496.6/16

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1022.895 $\pm$ 1617.883 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1177.442 $\pm$ 1448.154 χ^2 /NDF: 12.6/16

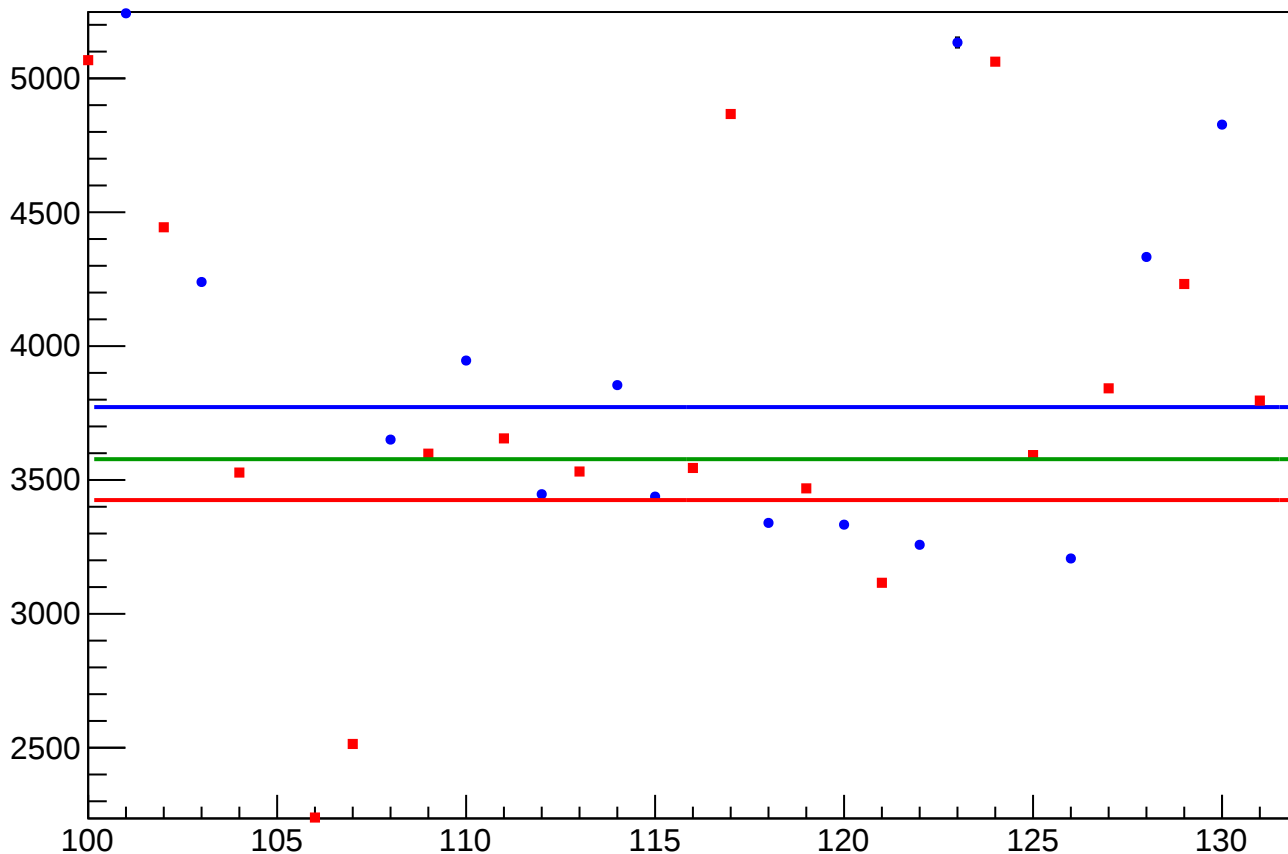
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1022.895 $\pm$ 1617.883 χ^2 /NDF: 14.3/14

-1108.698 $\pm$ 1079.034 χ^2 /NDF: 26.9/31

-1177.442 $\pm$ 1448.154 χ^2 /NDF: 12.6/16

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3772.275+/-1.144 χ^2/NDF : 259421.4/14

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

Right Out: 3424.960+/-1.014 χ^2/NDF : 382229.9/16

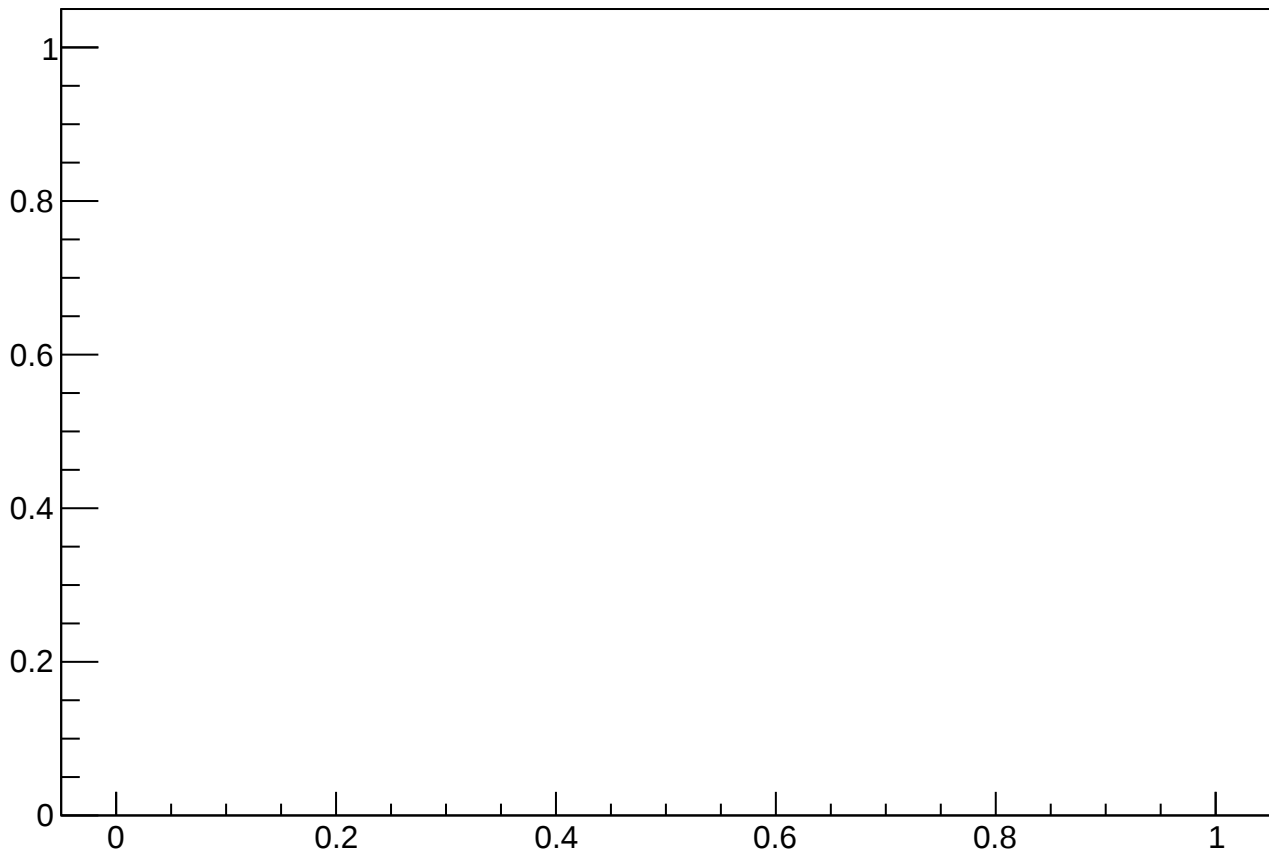
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3772.275+/-1.144 χ^2/NDF : 259421.4/14

3577.731+/-0.759 χ^2/NDF : 693281.5/31

3424.960+/-1.014 χ^2/NDF : 382229.9/16

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

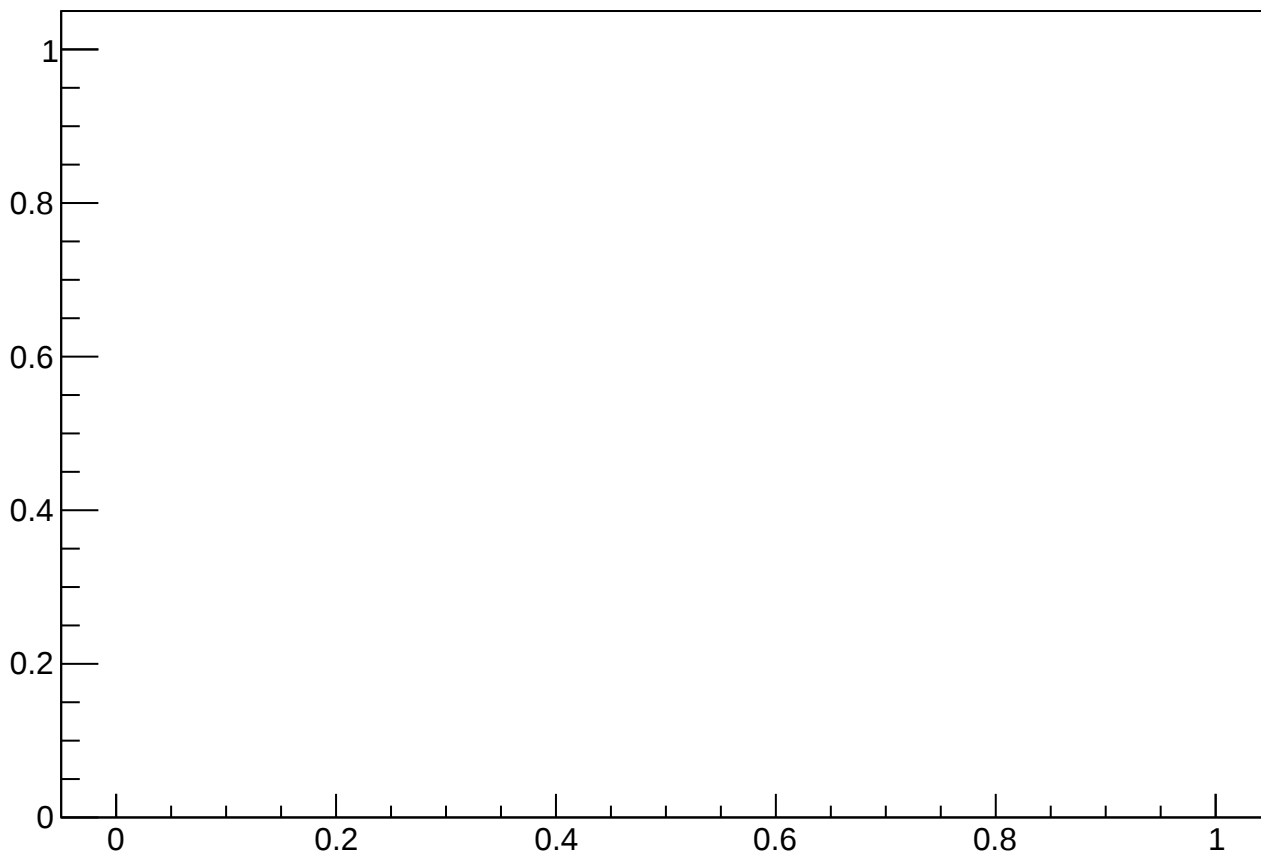
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

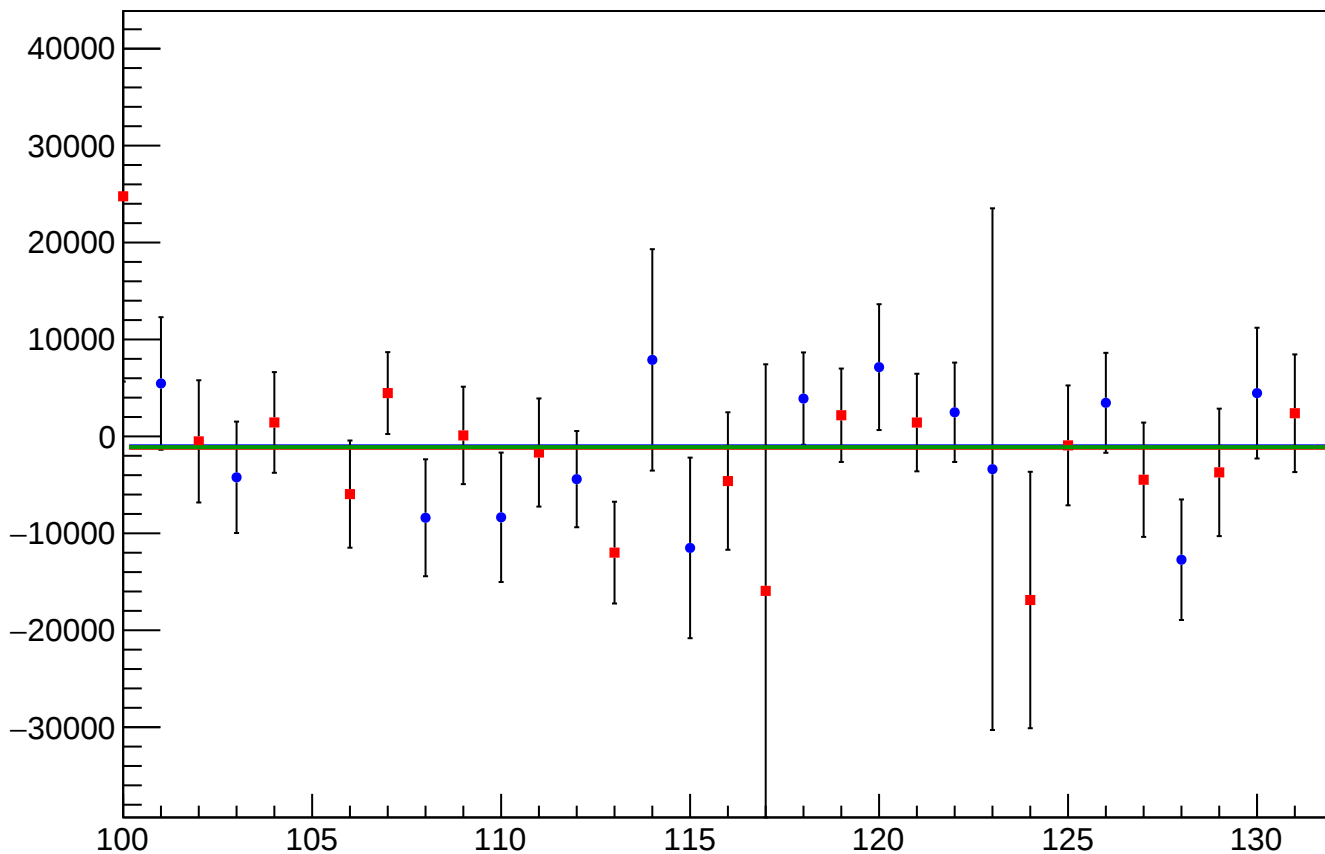
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1022.895+/-1617.883 χ^2/NDF : 14.3/14

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

Right Out: -1177.442+/-1448.154 χ^2/NDF : 12.6/16

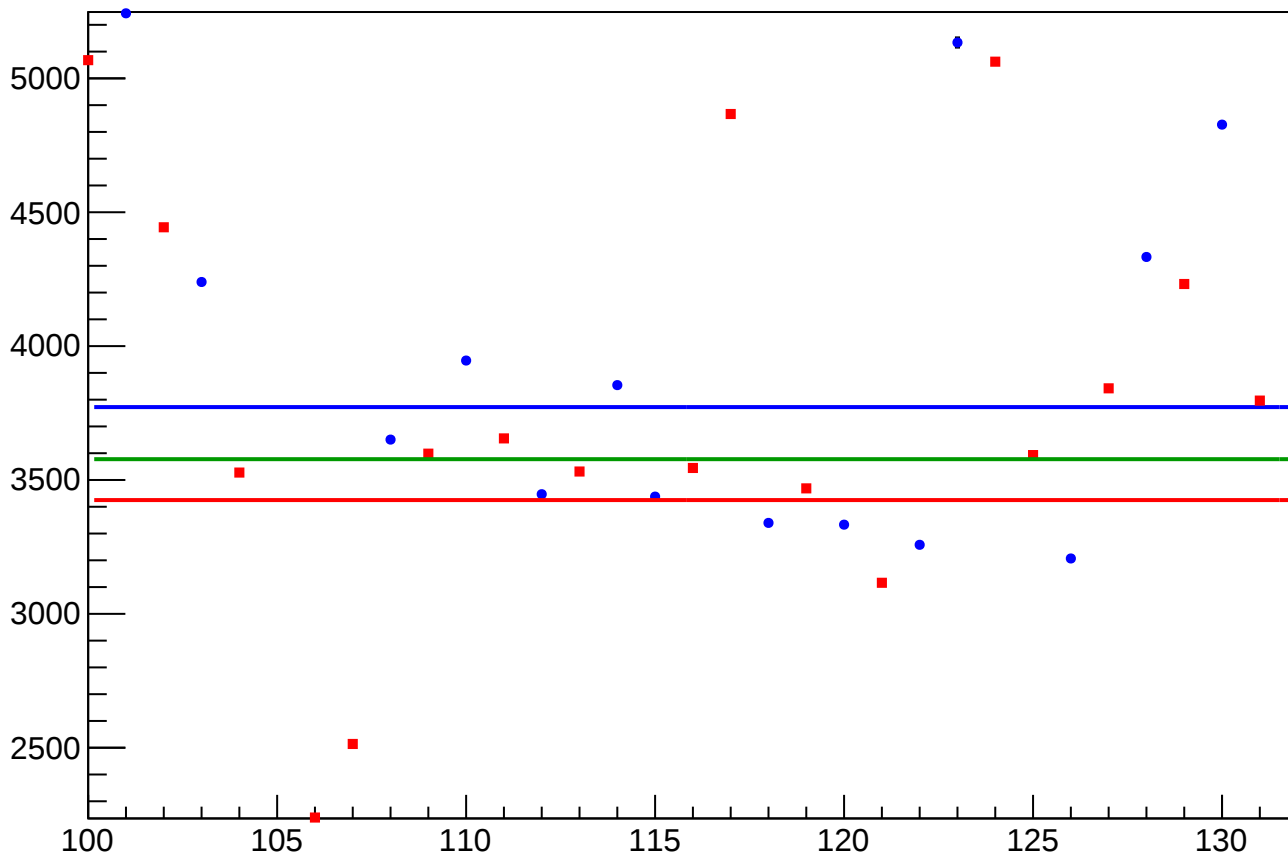
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1022.895+/-1617.883 χ^2/NDF : 14.3/14

-1108.698+/-1079.034 χ^2/NDF : 26.9/31

-1177.442+/-1448.154 χ^2/NDF : 12.6/16

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3772.275 $\pm$ 1.144 χ^2 /NDF: 259421.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3424.960 $\pm$ 1.014 χ^2 /NDF: 382229.9/16

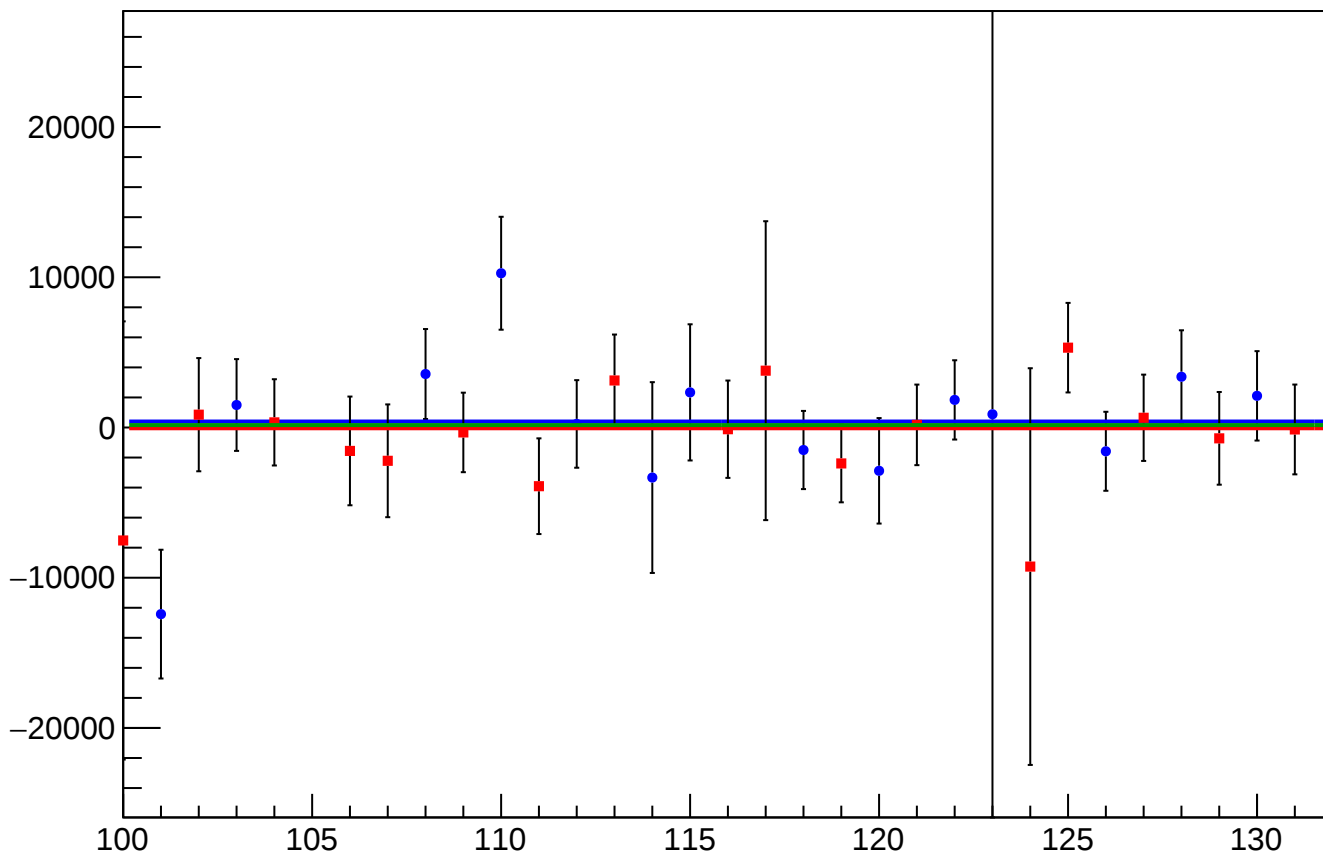
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3772.275 $\pm$ 1.144 χ^2 /NDF: 259421.4/14

3577.731 $\pm$ 0.759 χ^2 /NDF: 693281.5/31

3424.960 $\pm$ 1.014 χ^2 /NDF: 382229.9/16

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 397.522+/-849.101 χ^2/NDF : 22.1/14

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

Right Out: -51.691+/-805.222 χ^2/NDF : 8.2/16

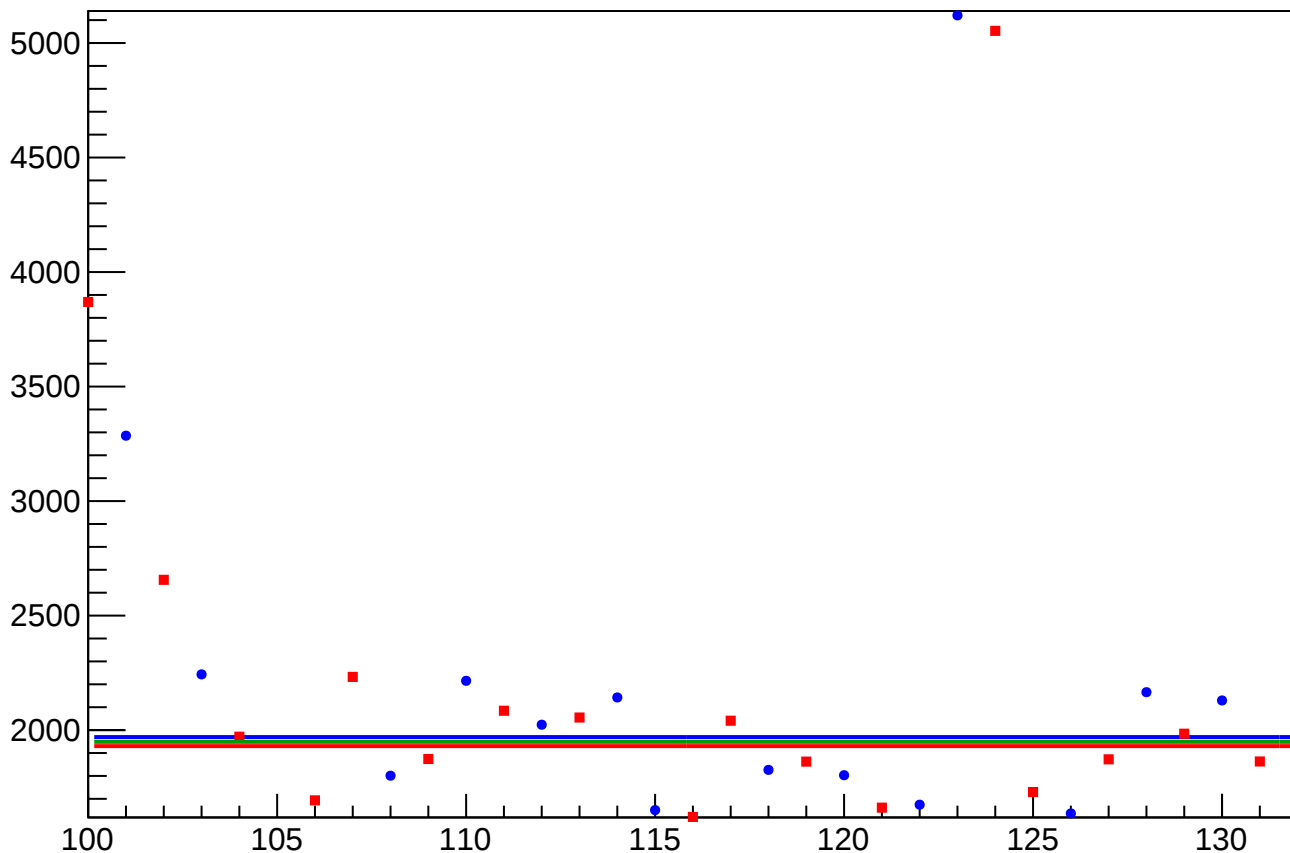
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

397.522+/-849.101 χ^2/NDF : 22.1/14

161.009+/-584.274 χ^2/NDF : 30.5/31

-51.691+/-805.222 χ^2/NDF : 8.2/16

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1969.609+/-0.600 χ^2/NDF : 343360.1/14

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

Right Out: 1930.083+/-0.569 χ^2/NDF : 303804.6/16

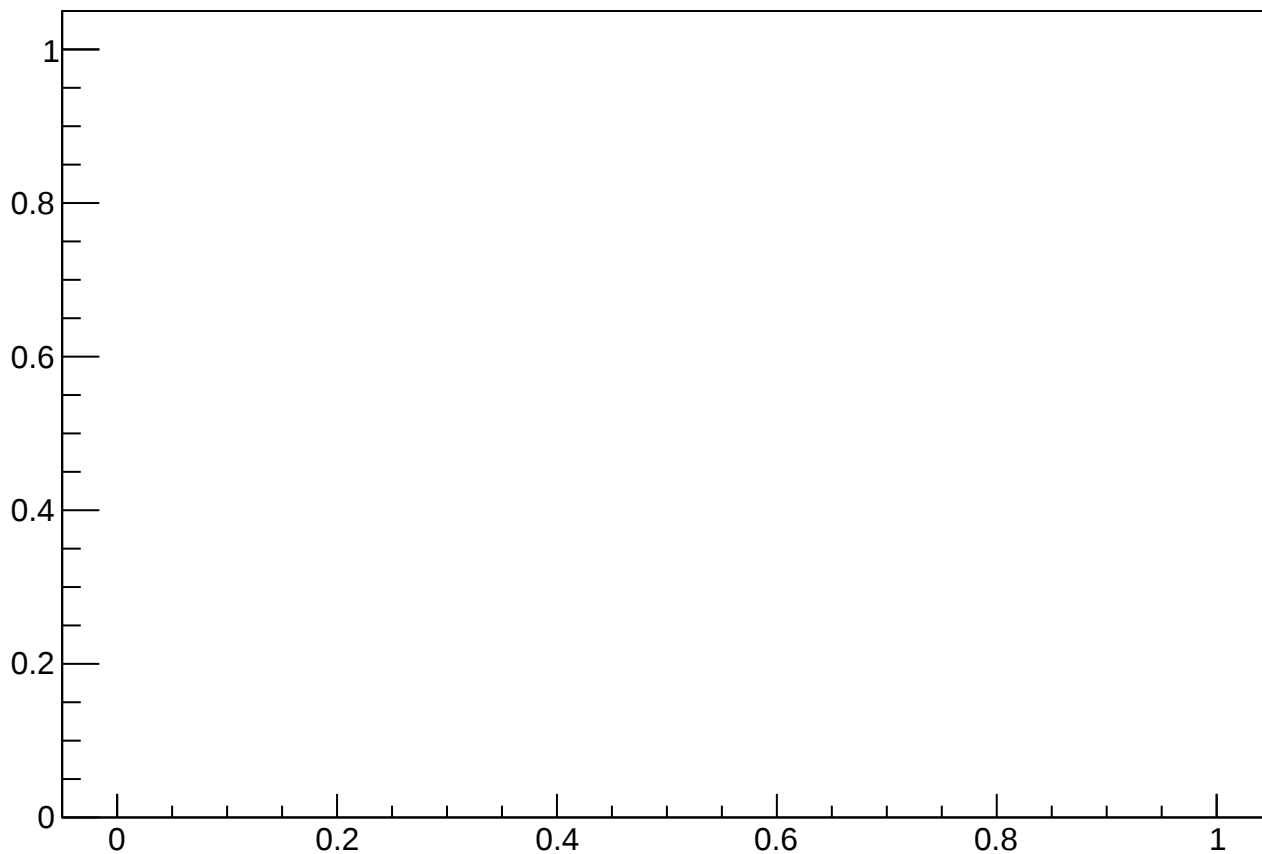
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1969.609+/-0.600 χ^2/NDF : 343360.1/14

1948.798+/-0.413 χ^2/NDF : 649446.6/31

1930.083+/-0.569 χ^2/NDF : 303804.6/16

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

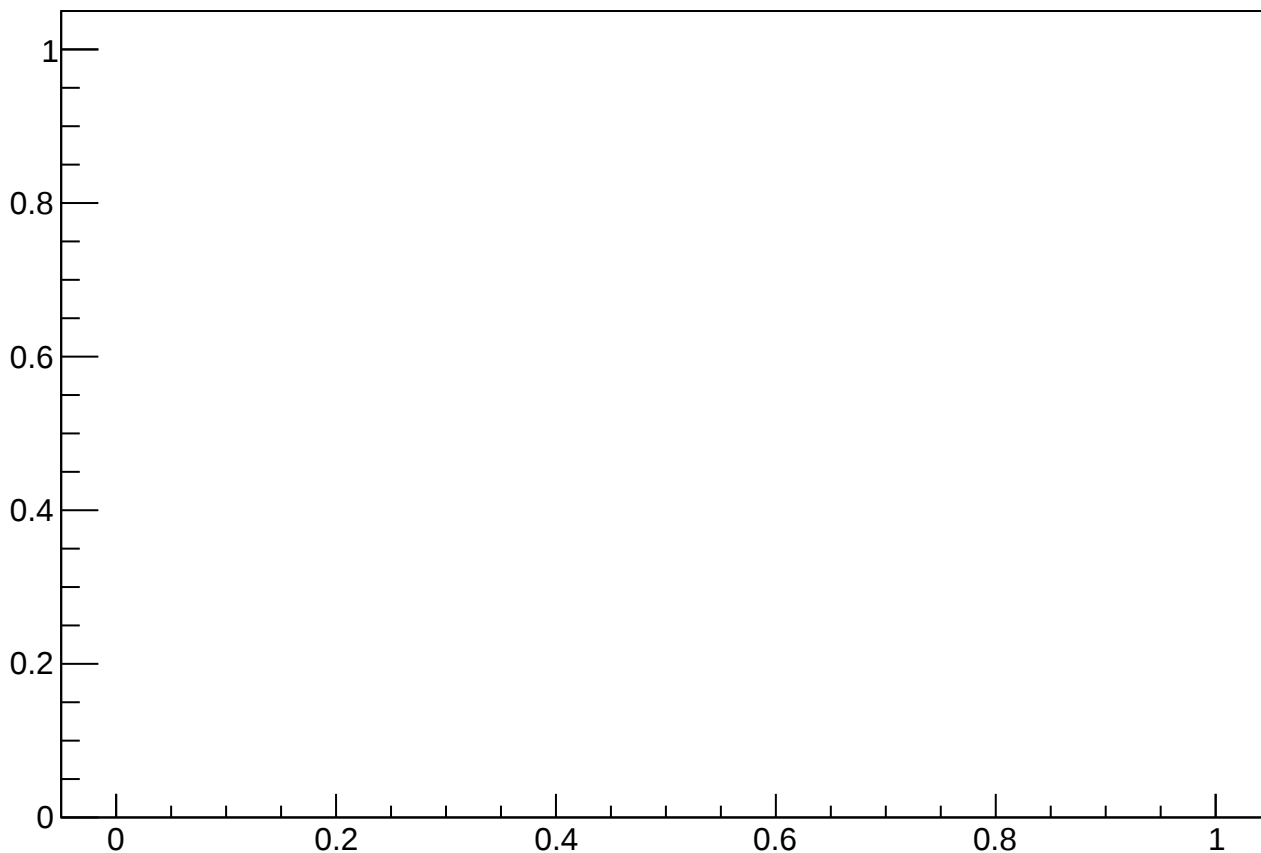
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

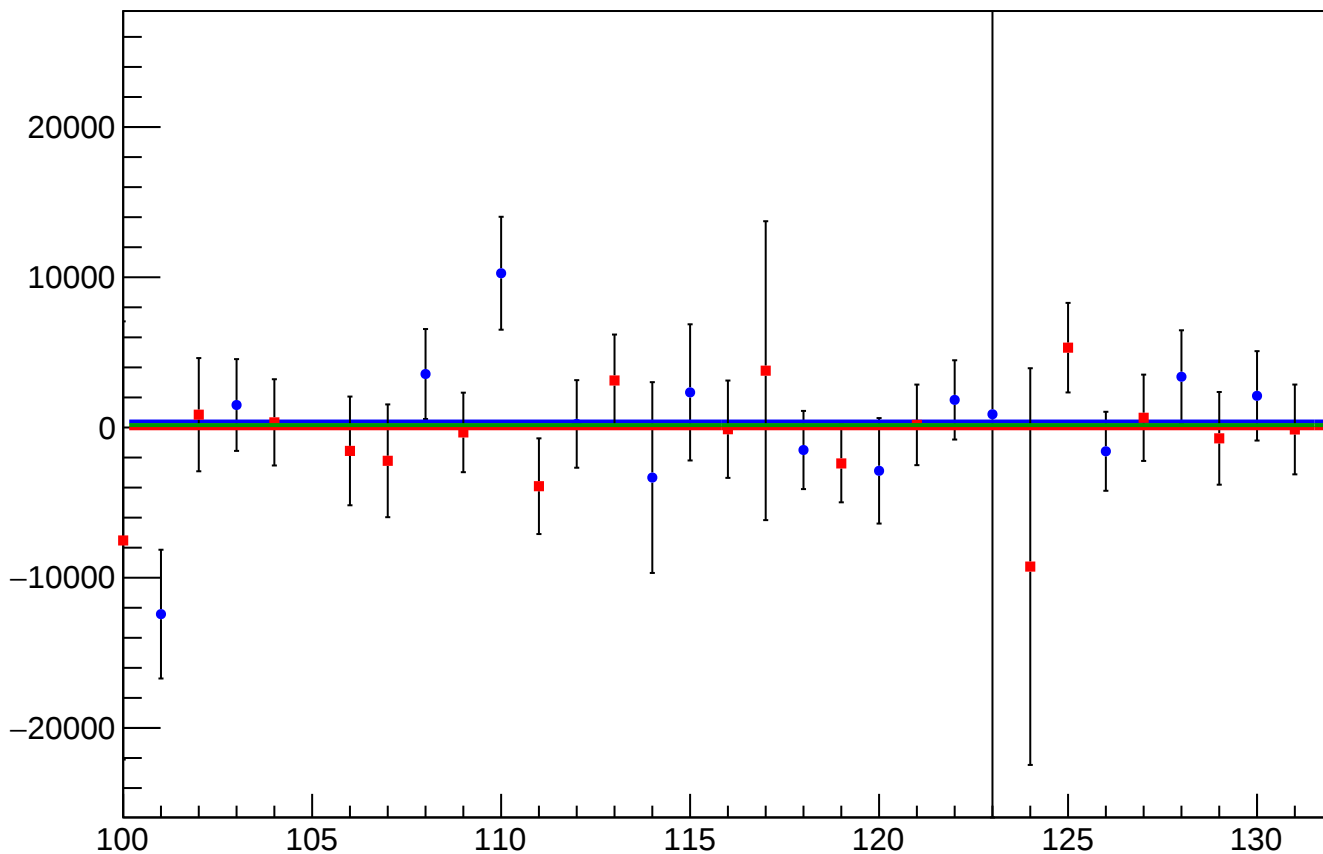
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 397.522+/-849.101 χ^2/NDF : 22.1/14

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

Right Out: -51.691+/-805.222 χ^2/NDF : 8.2/16

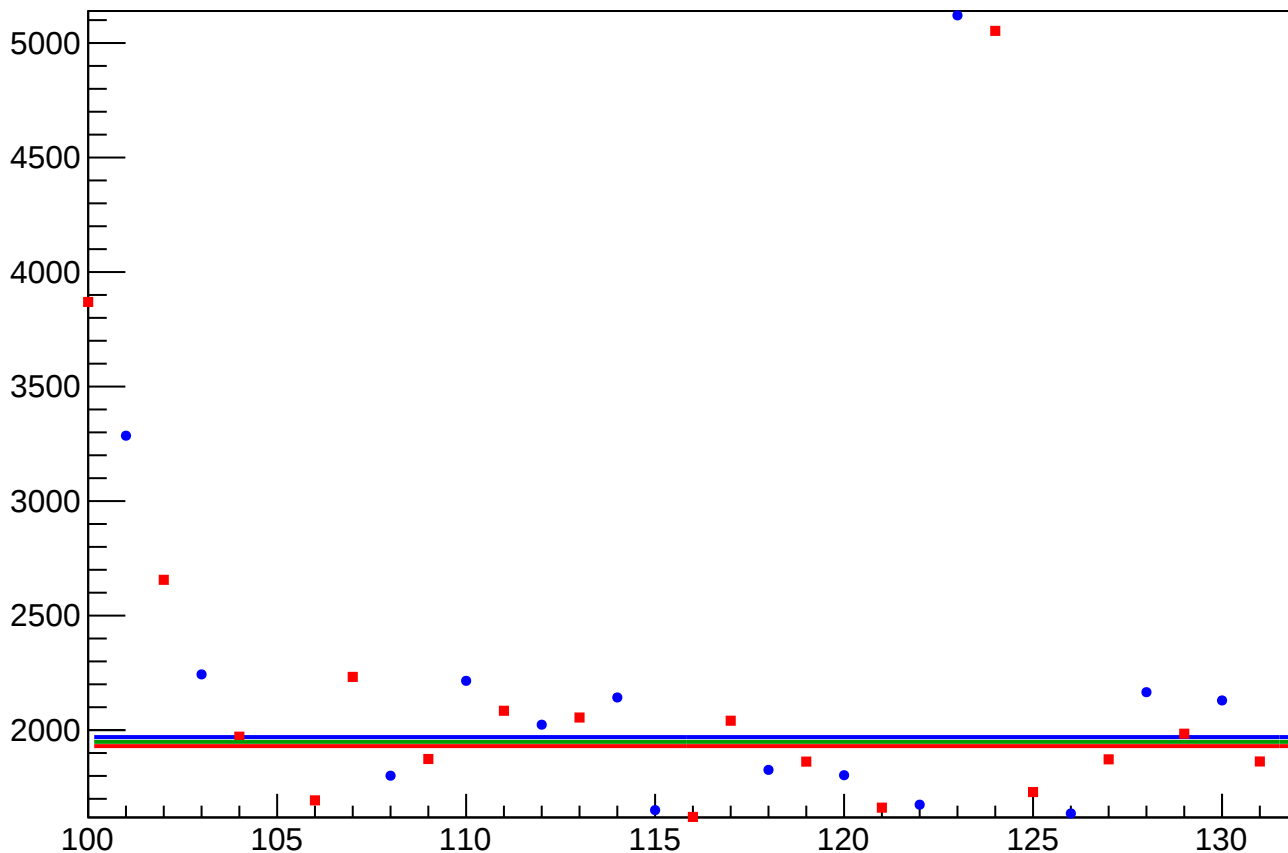
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

397.522+/-849.101 χ^2/NDF : 22.1/14

161.009+/-584.274 χ^2/NDF : 30.5/31

-51.691+/-805.222 χ^2/NDF : 8.2/16

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1969.609 $\pm$ 0.600 χ^2 /NDF: 343360.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1930.083 $\pm$ 0.569 χ^2 /NDF: 303804.6/16

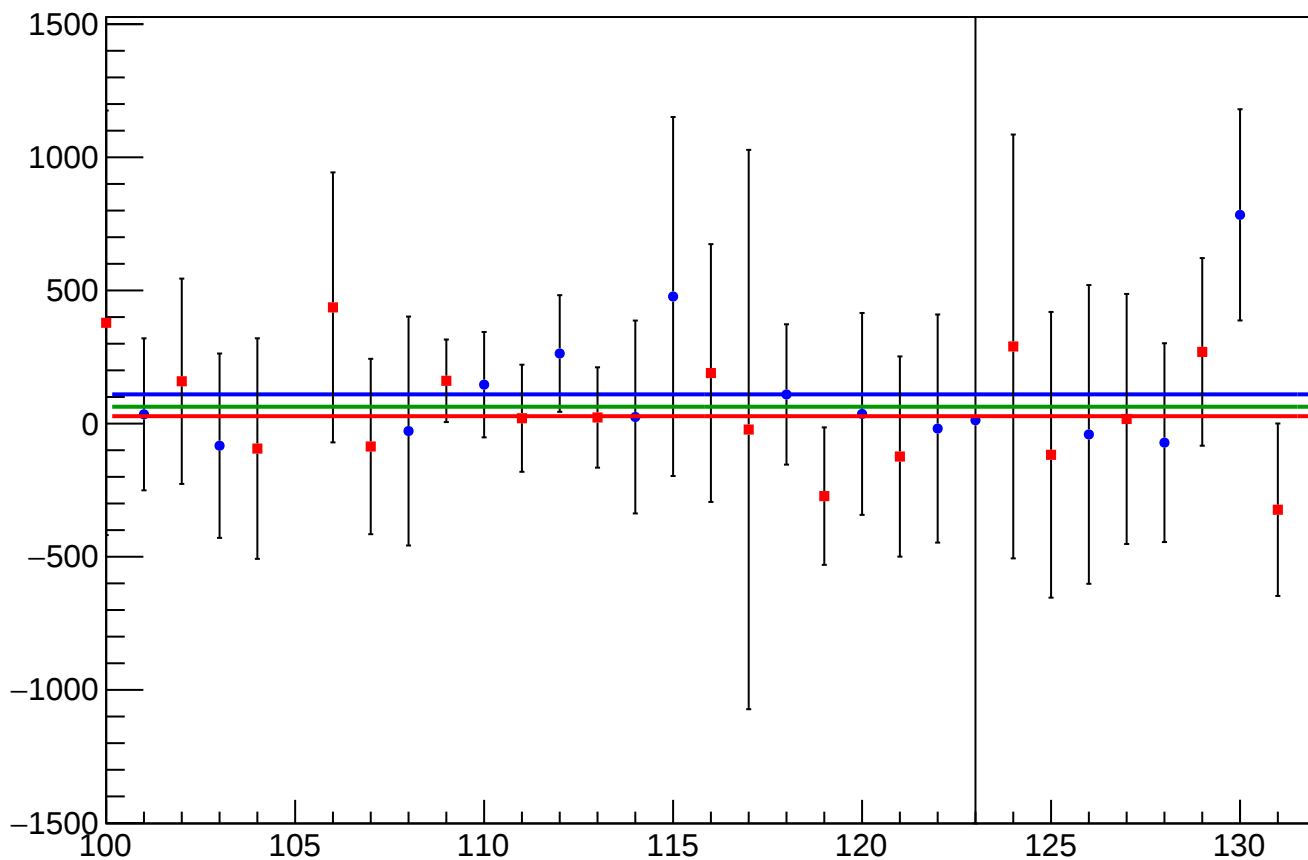
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1969.609 $\pm$ 0.600 χ^2 /NDF: 343360.1/14

1948.798 $\pm$ 0.413 χ^2 /NDF: 649446.6/31

1930.083 $\pm$ 0.569 χ^2 /NDF: 303804.6/16

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 109.798 $\pm$ 86.077 χ^2 /NDF: 5.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.808 $\pm$ 75.338 χ^2 /NDF: 5.4/16

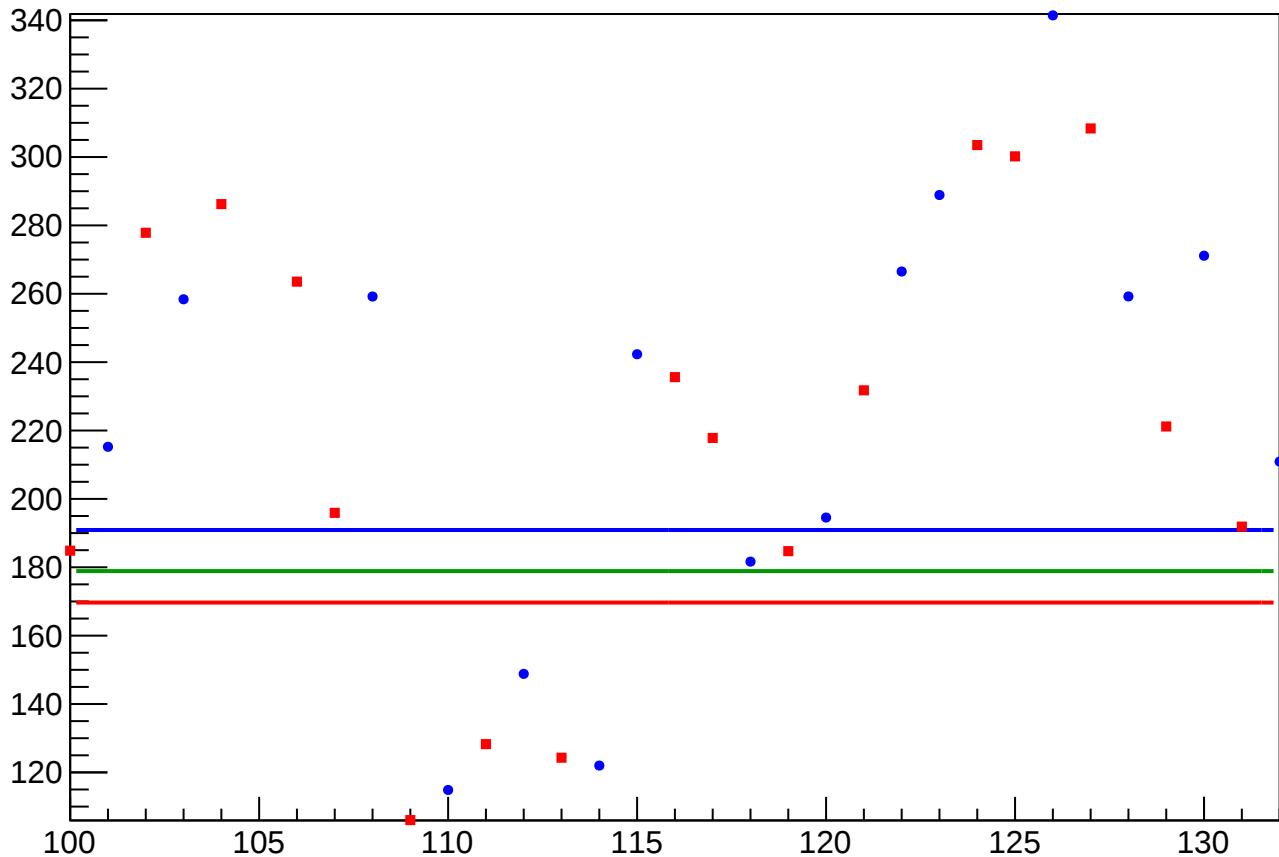
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.798 $\pm$ 86.077 χ^2 /NDF: 5.3/14

63.373 $\pm$ 56.691 χ^2 /NDF: 11.1/31

27.808 $\pm$ 75.338 χ^2 /NDF: 5.4/16

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.904 $\pm$ 0.061 χ^2 /NDF: 967691.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.679 $\pm$ 0.053 χ^2 /NDF: 1439803.4/16

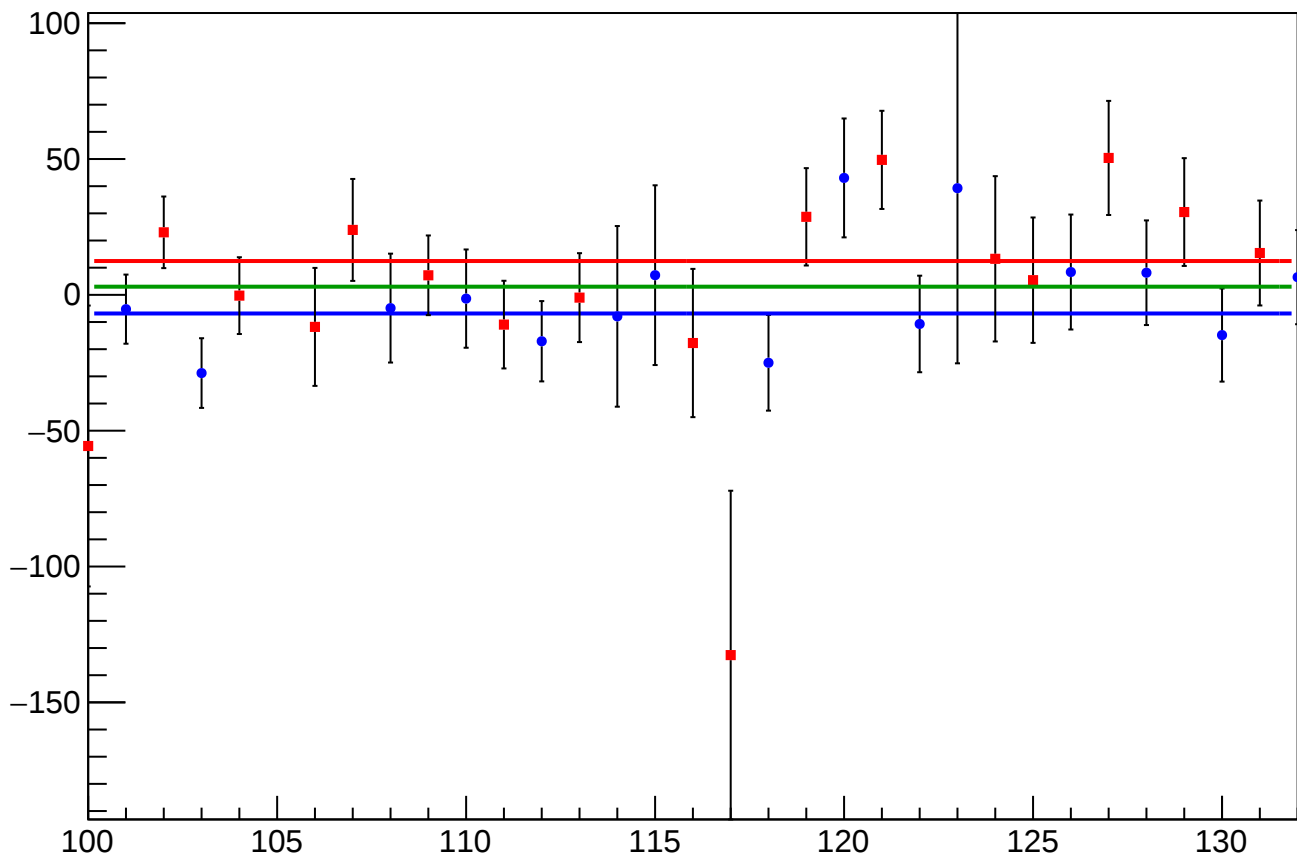
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

190.904 $\pm$ 0.061 χ^2 /NDF: 967691.6/14

178.885 $\pm$ 0.040 χ^2 /NDF: 2476353.4/31

169.679 $\pm$ 0.053 χ^2 /NDF: 1439803.4/16

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.857+/-4.736 χ^2 /NDF: 12.5/14

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

Right Out: 12.453+/-4.634 χ^2 /NDF: 24.0/16

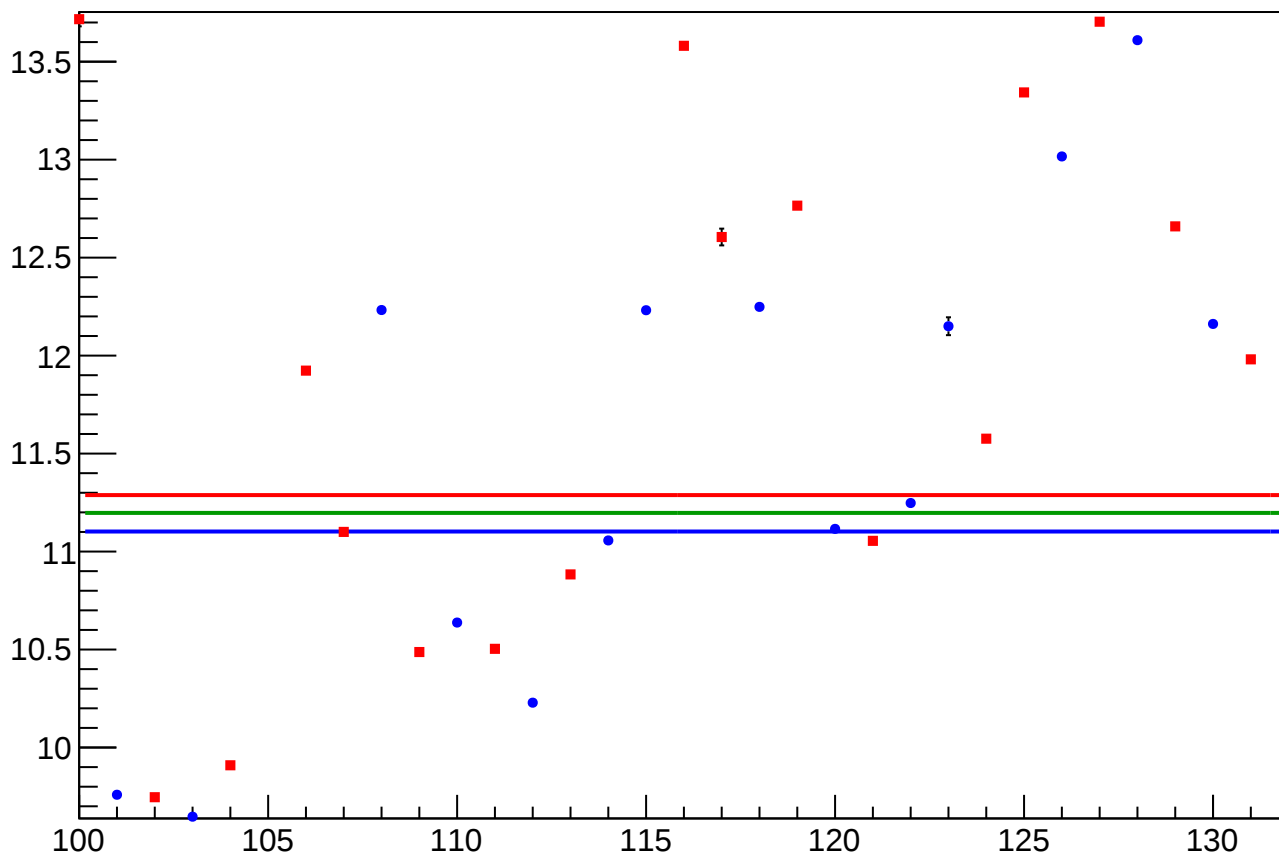
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.857+/-4.736 χ^2 /NDF: 12.5/14

3.009+/-3.312 χ^2 /NDF: 44.9/31

12.453+/-4.634 χ^2 /NDF: 24.0/16

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.102 $\pm$ 0.003 χ^2 /NDF: 132162.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.288 $\pm$ 0.003 χ^2 /NDF: 148307.0/16

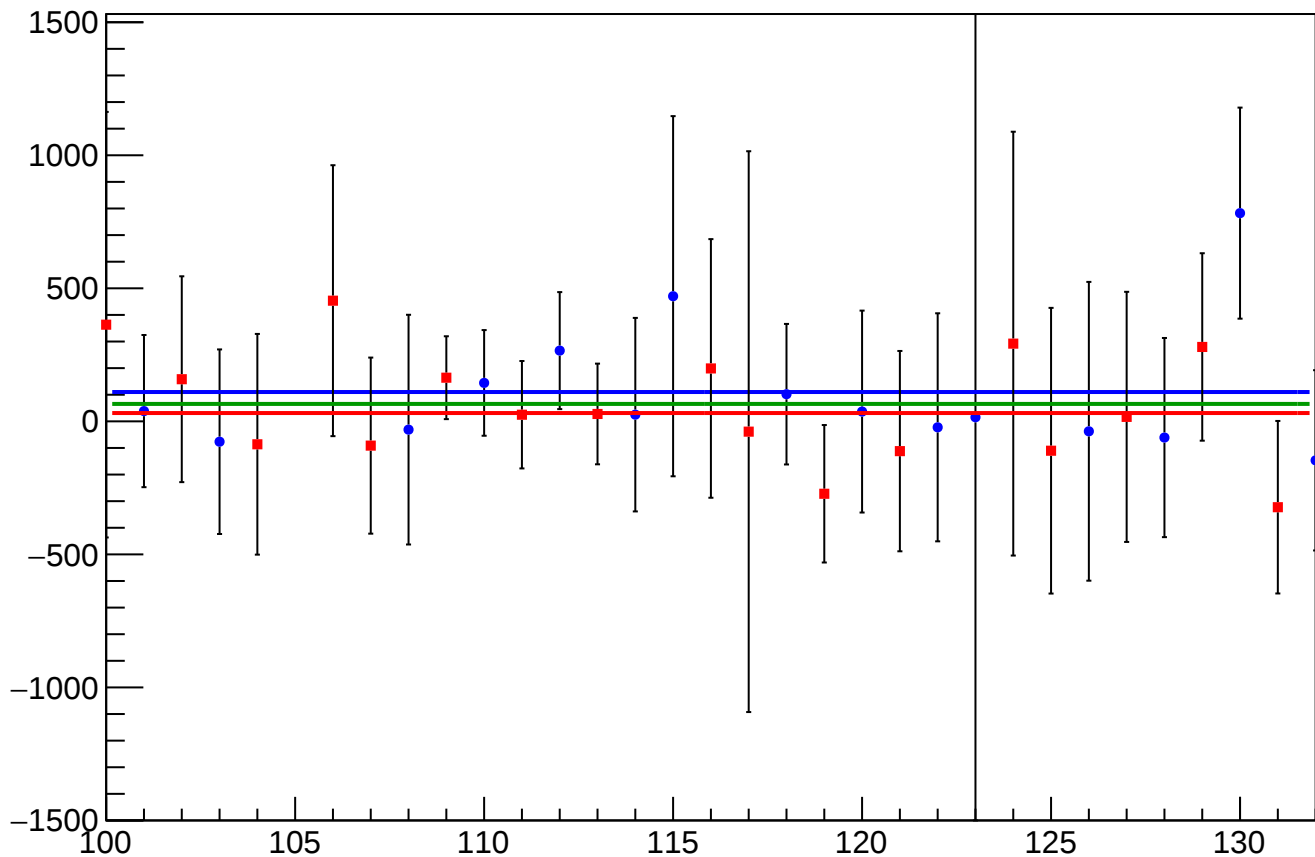
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.102 $\pm$ 0.003 χ^2 /NDF: 132162.7/14

11.197 $\pm$ 0.002 χ^2 /NDF: 282044.2/31

11.288 $\pm$ 0.003 χ^2 /NDF: 148307.0/16

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 110.221+/-86.308 χ^2/NDF : 5.2/14

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

Right Out: 31.231+/-75.573 χ^2/NDF : 5.4/16

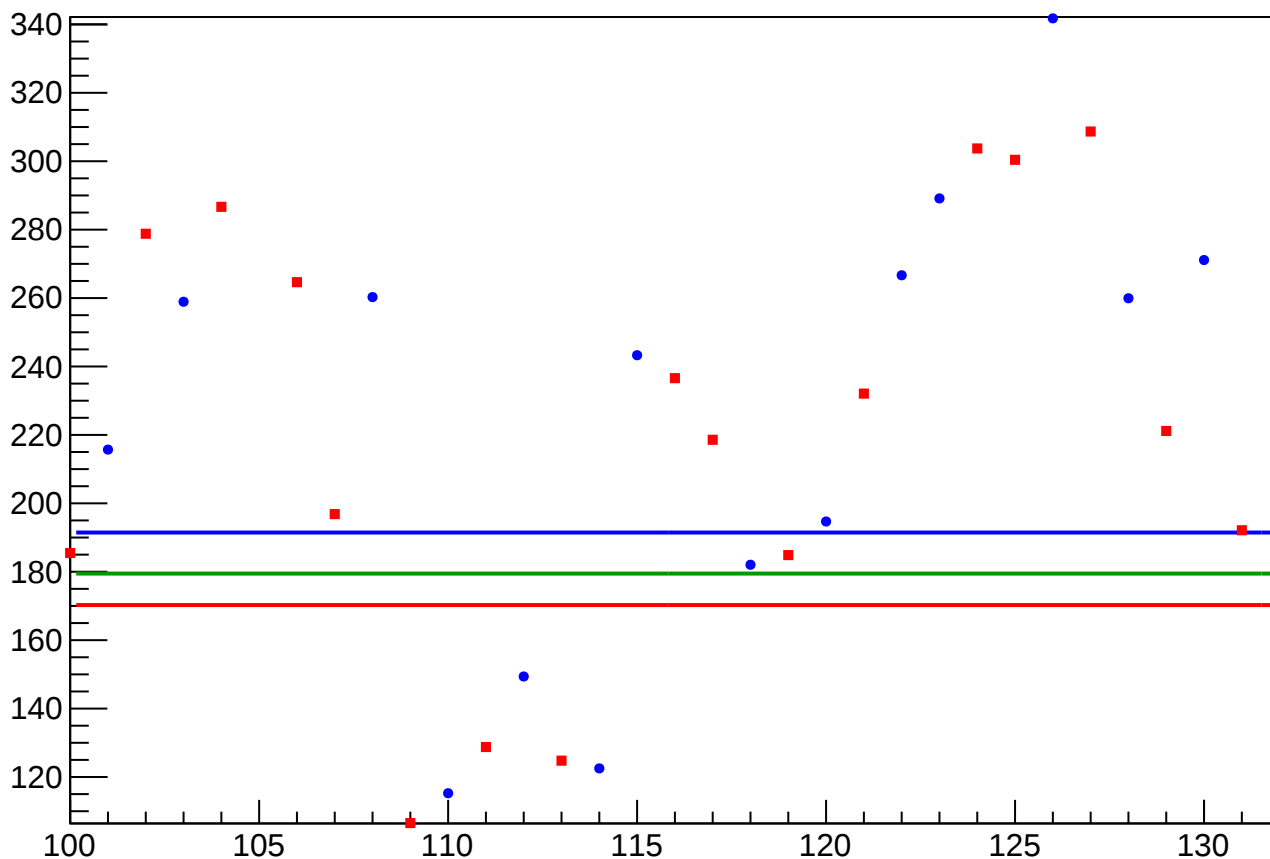
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

110.221+/-86.308 χ^2/NDF : 5.2/14

65.511+/-56.857 χ^2/NDF : 11.1/31

31.231+/-75.573 χ^2/NDF : 5.4/16

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.463+/-0.061 χ^2/NDF : 962744.6/14

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

Right Out: 170.271+/-0.053 χ^2/NDF : 1432324.6/16

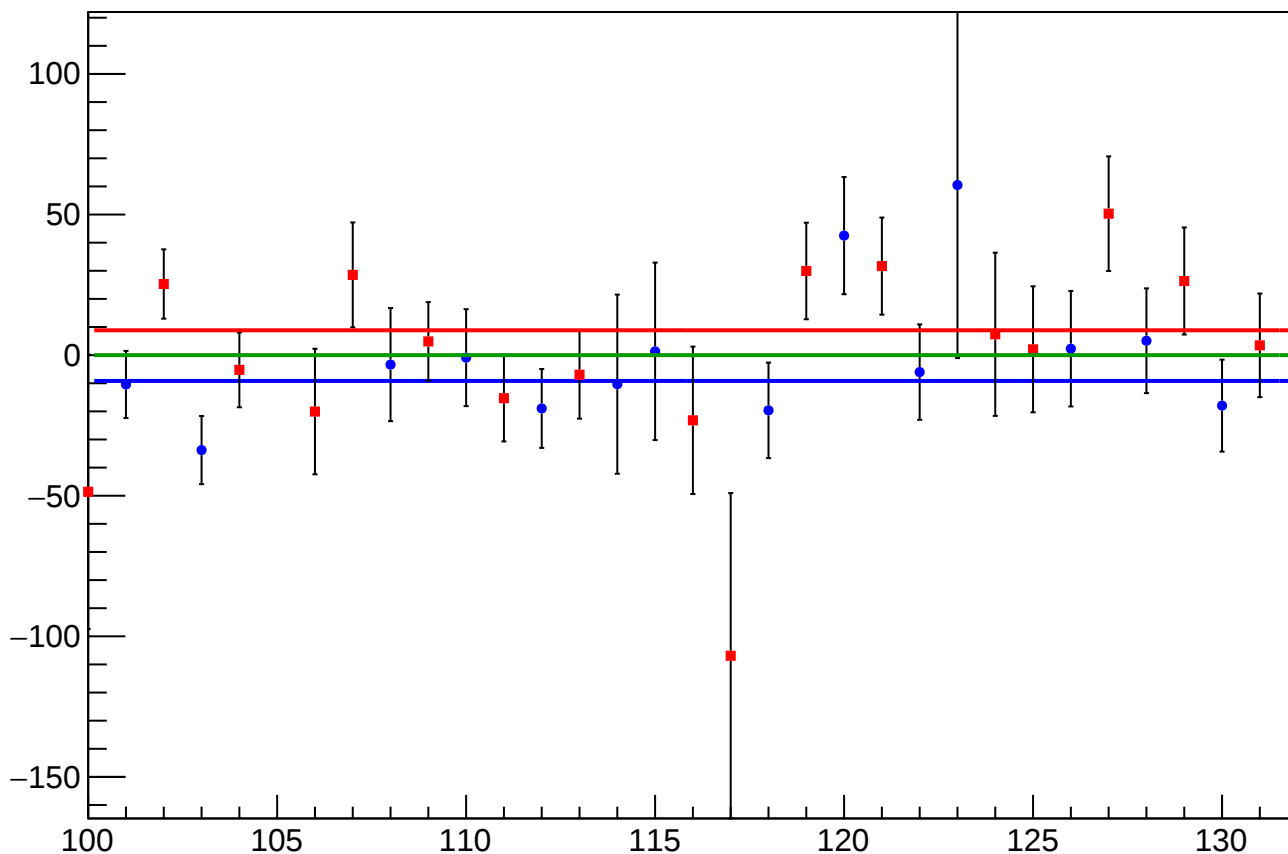
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.463+/-0.061 χ^2/NDF : 962744.6/14

179.468+/-0.040 χ^2/NDF : 2463317.9/31

170.271+/-0.053 χ^2/NDF : 1432324.6/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.174+/-4.521 χ^2/NDF : 14.3/14

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

Right Out: 8.844+/-4.438 χ^2/NDF : 24.6/16

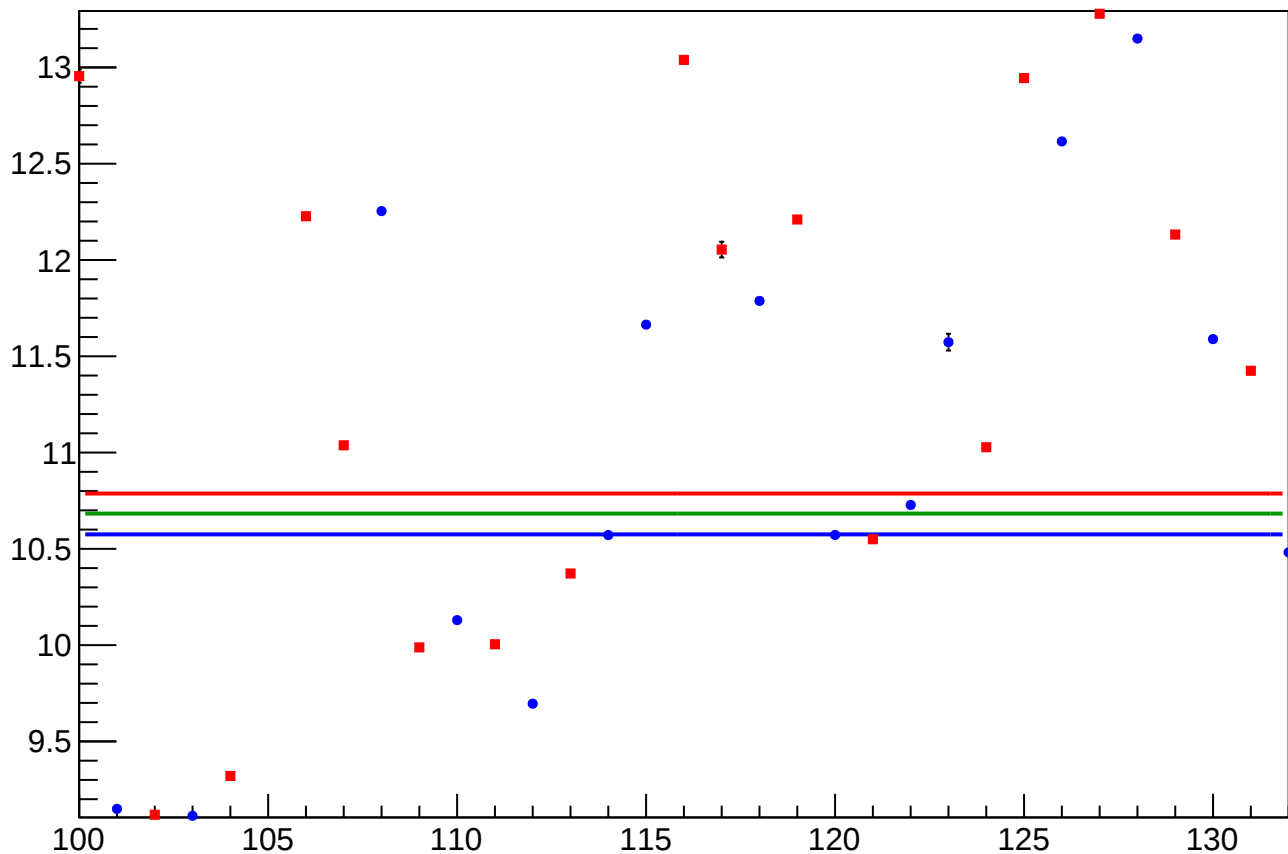
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.174+/-4.521 χ^2/NDF : 14.3/14

0.002+/-3.167 χ^2/NDF : 46.9/31

8.844+/-4.438 χ^2/NDF : 24.6/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.575+/-0.003 χ^2/NDF : 159755.3/14

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

Right Out: 10.787+/-0.003 χ^2/NDF : 177498.0/16

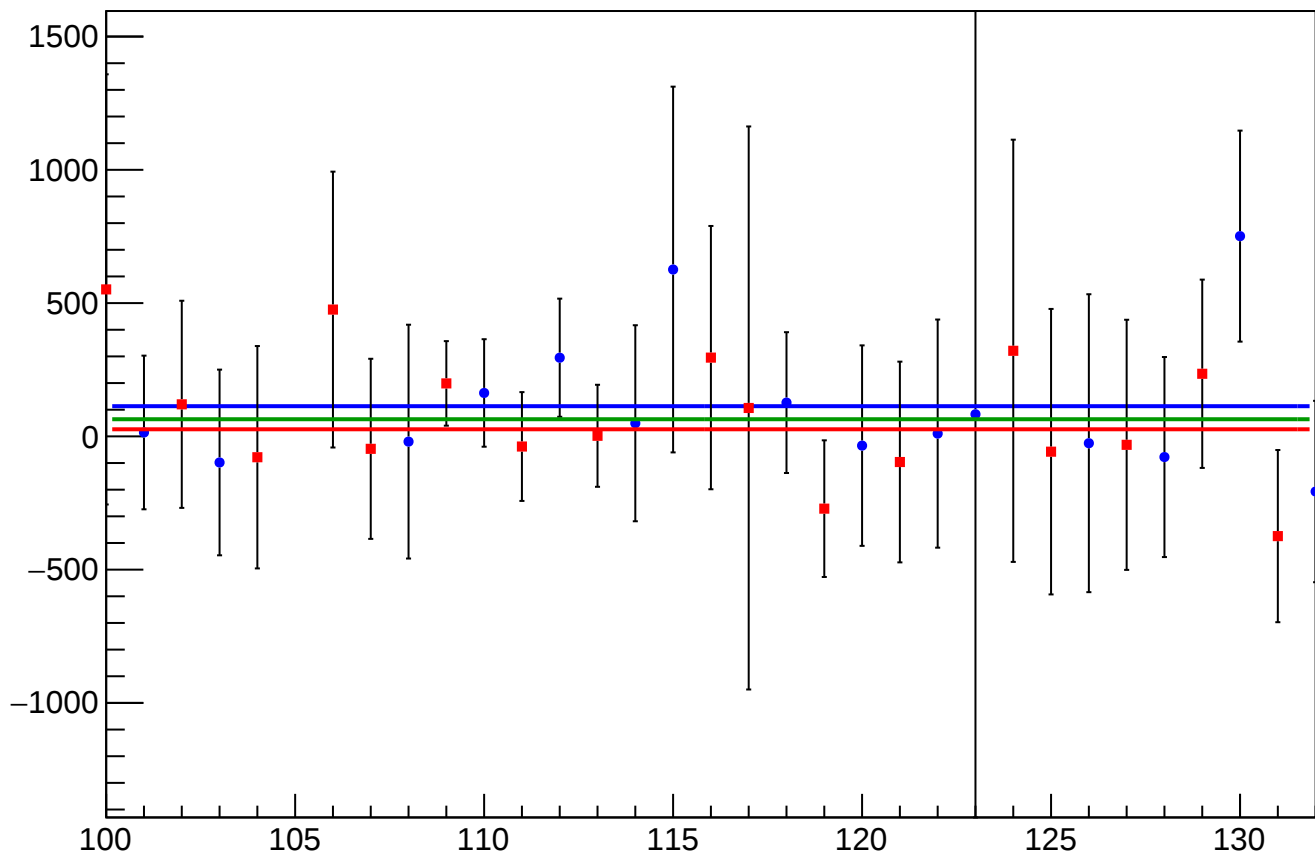
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.575+/-0.003 χ^2/NDF : 159755.3/14

10.683+/-0.002 χ^2/NDF : 339496.4/31

10.787+/-0.003 χ^2/NDF : 177498.0/16

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.232 $\pm$ 86.853 χ^2 /NDF: 5.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.557 $\pm$ 76.265 χ^2 /NDF: 6.5/16

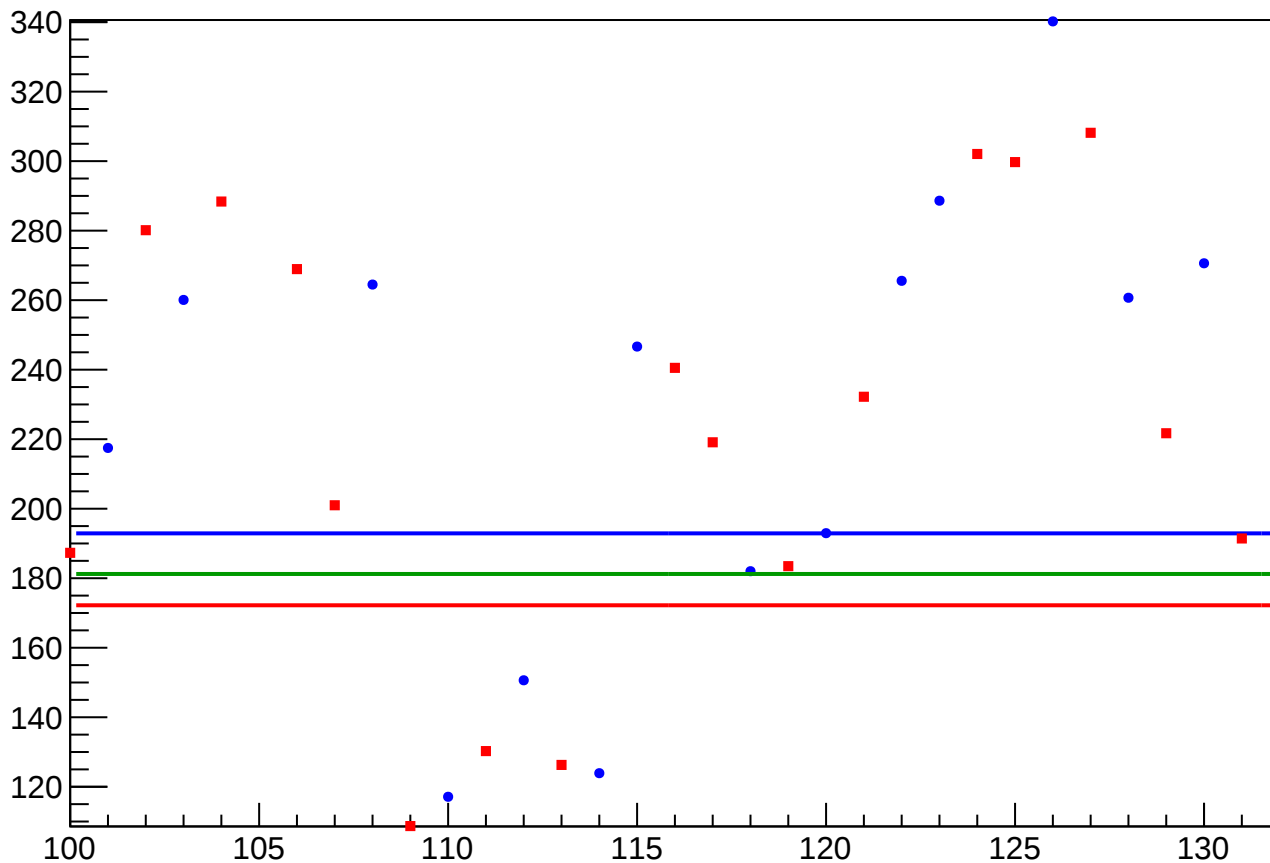
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.232 $\pm$ 86.853 χ^2 /NDF: 5.9/14

64.292 $\pm$ 57.307 χ^2 /NDF: 12.9/31

26.557 $\pm$ 76.265 χ^2 /NDF: 6.5/16

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.906 $\pm$ 0.061 χ^2 /NDF: 936848.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 172.215 $\pm$ 0.054 χ^2 /NDF: 1392990.8/16

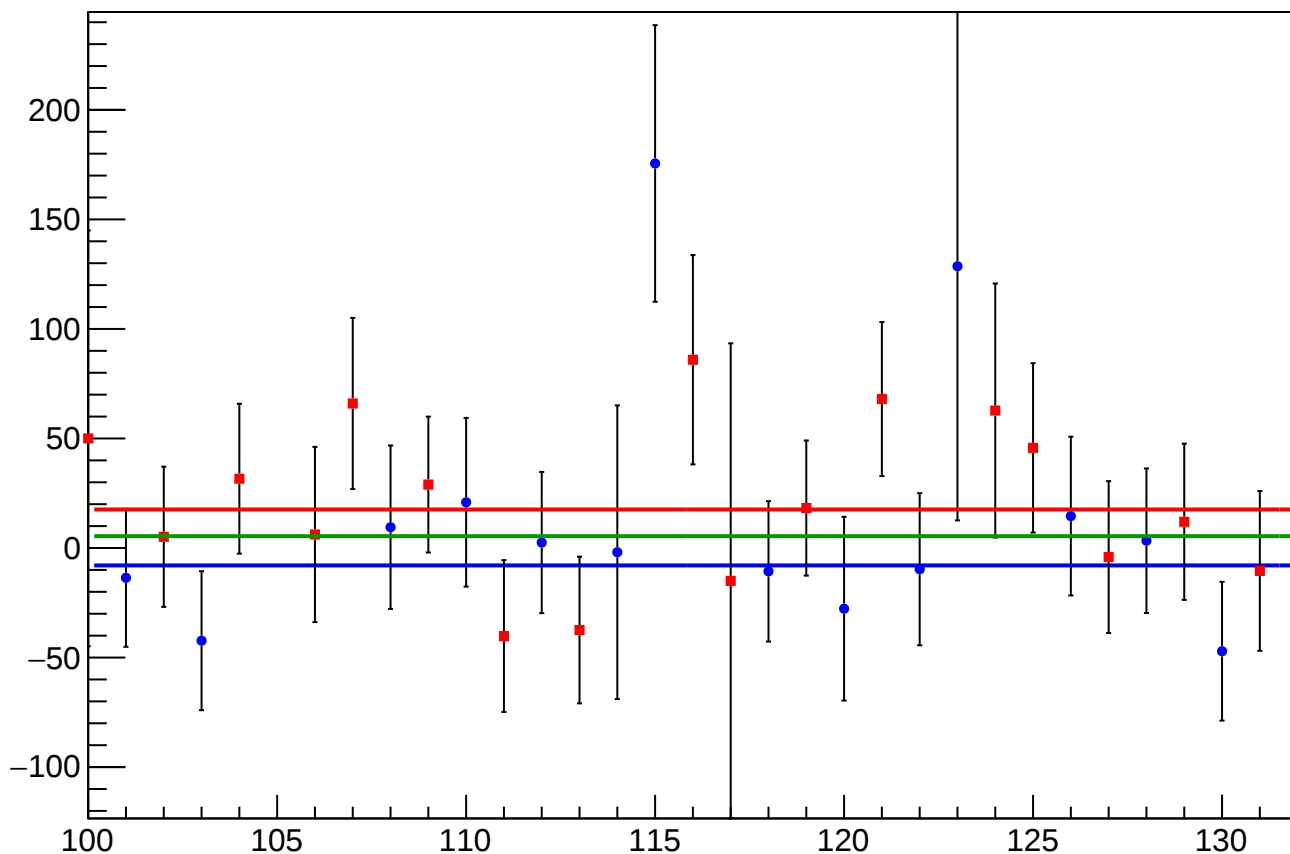
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

192.906 $\pm$ 0.061 χ^2 /NDF: 936848.6/14

181.223 $\pm$ 0.041 χ^2 /NDF: 2393930.2/31

172.215 $\pm$ 0.054 χ^2 /NDF: 1392990.8/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.938+/-9.669 χ^2 /NDF: 15.6/14

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

Right Out: 17.590+/-9.242 χ^2 /NDF: 14.0/16

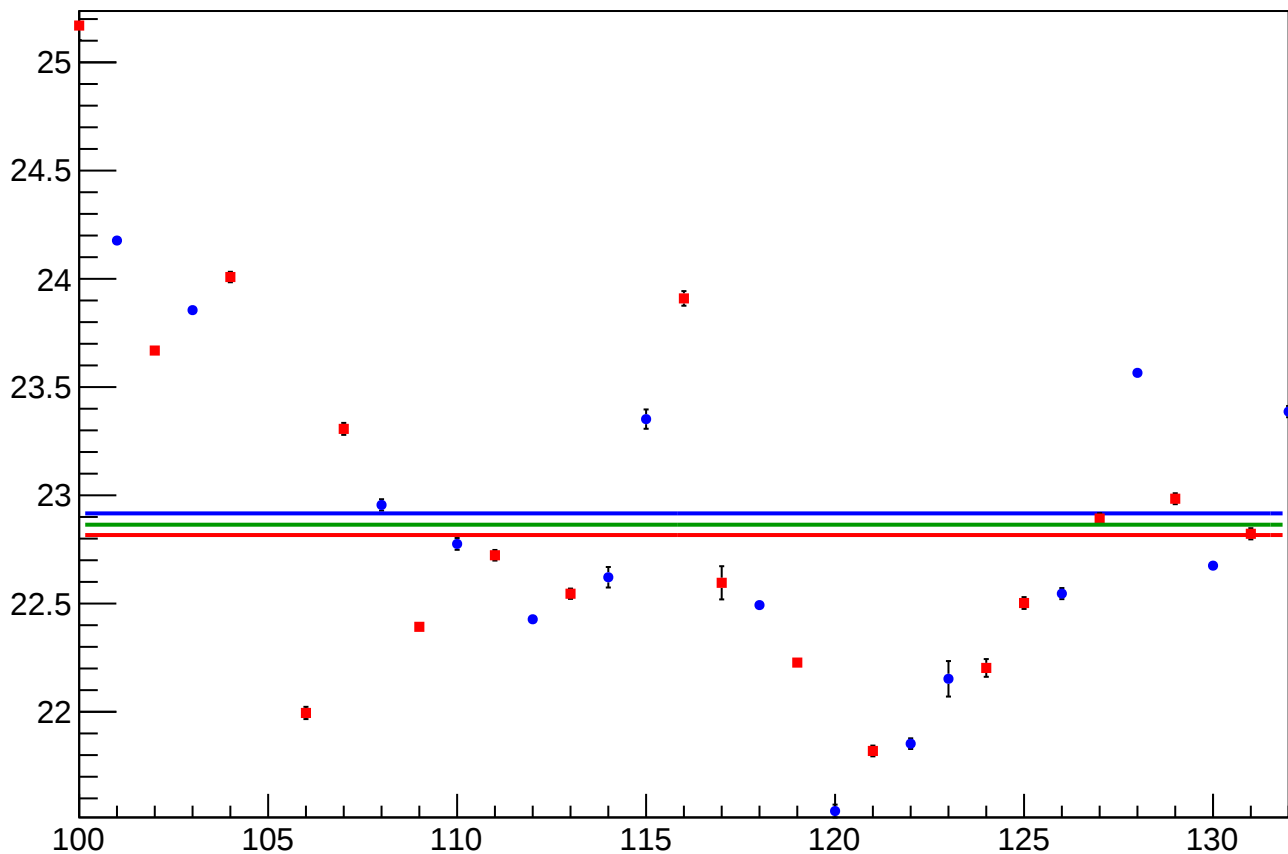
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.938+/-9.669 χ^2 /NDF: 15.6/14

5.402+/-6.681 χ^2 /NDF: 33.3/31

17.590+/-9.242 χ^2 /NDF: 14.0/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.917+/-0.007 χ^2/NDF : 11468.3/14

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

Right Out: 22.816+/-0.007 χ^2/NDF : 10561.1/16

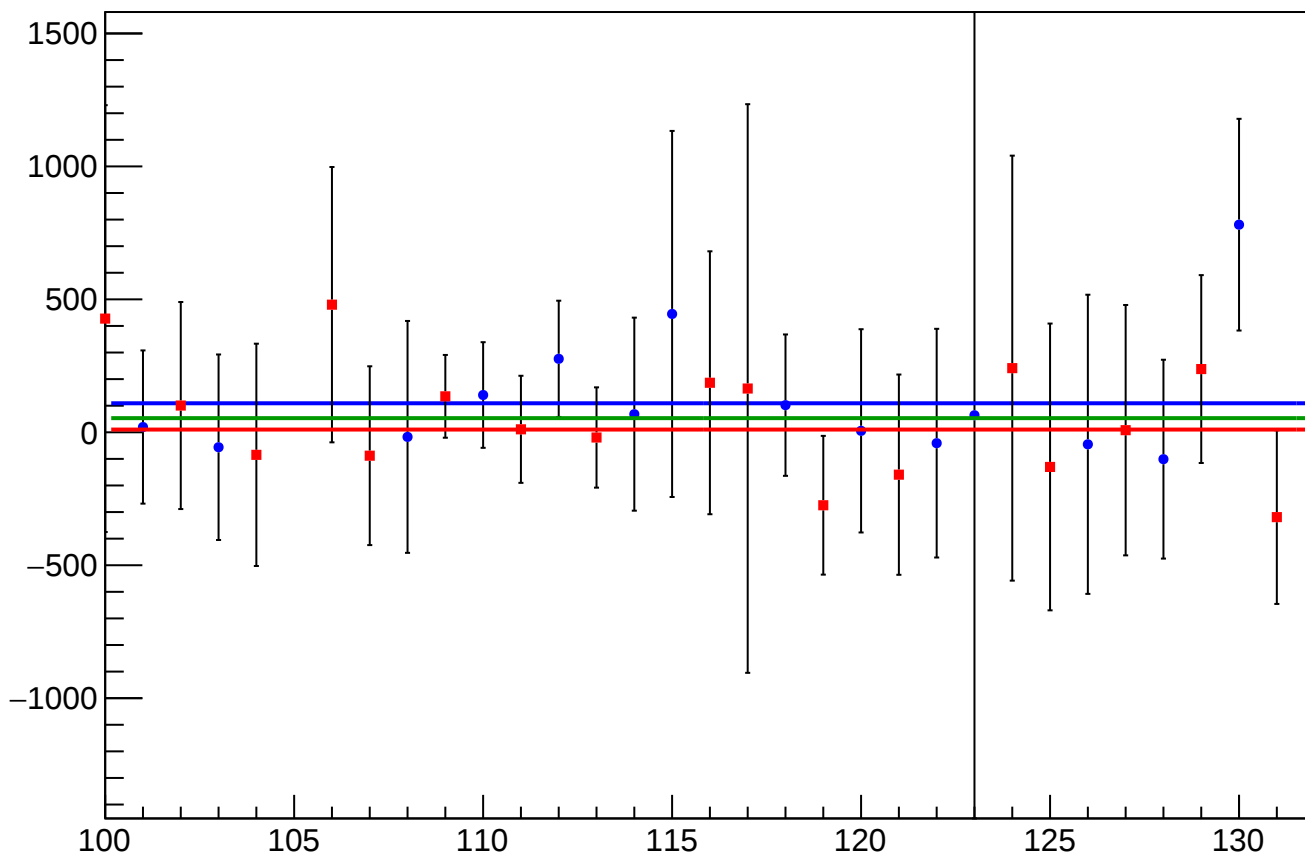
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.917+/-0.007 χ^2/NDF : 11468.3/14

22.864+/-0.005 χ^2/NDF : 22141.3/31

22.816+/-0.007 χ^2/NDF : 10561.1/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 109.160 $\pm$ 86.512 χ^2 /NDF: 5.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.306 $\pm$ 75.788 χ^2 /NDF: 5.1/16

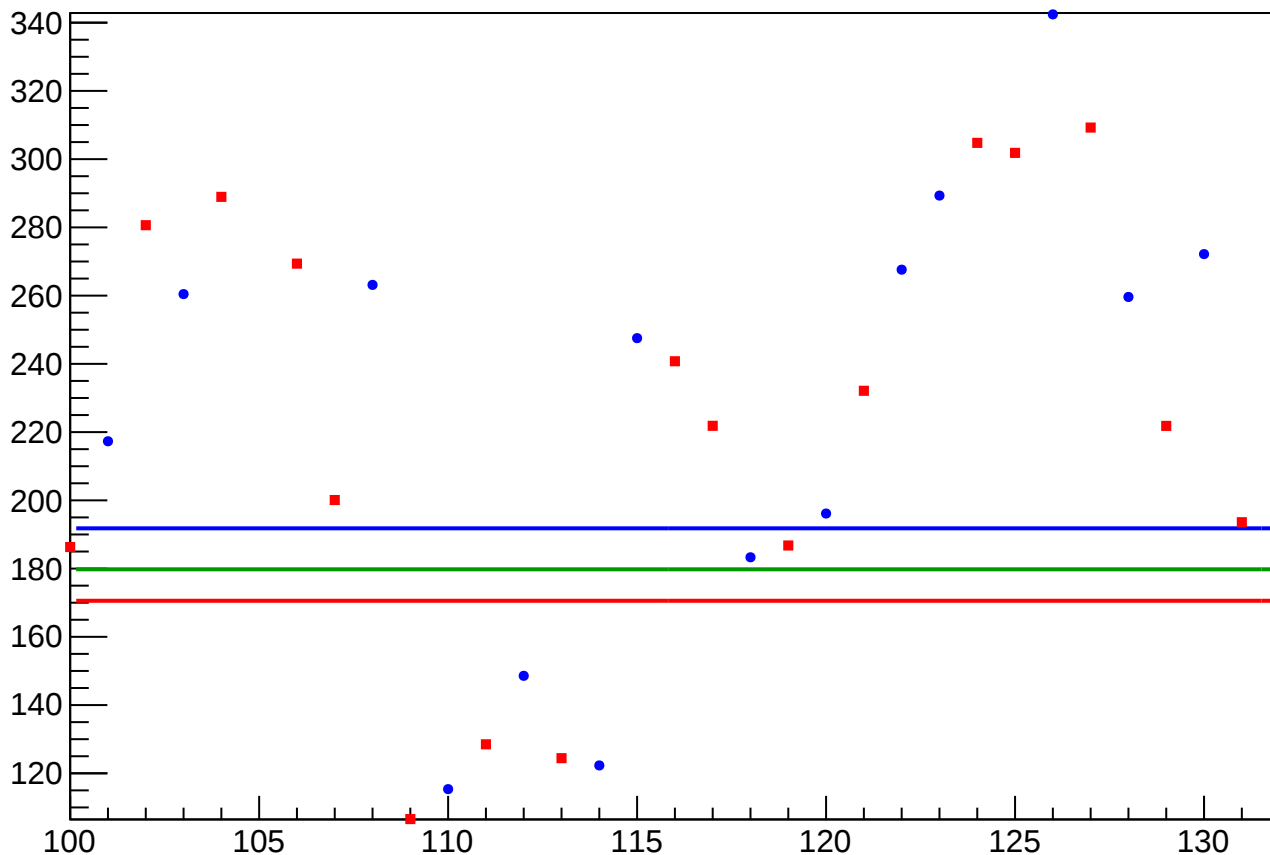
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

109.160 $\pm$ 86.512 χ^2 /NDF: 5.3/14

53.230 $\pm$ 57.007 χ^2 /NDF: 11.1/31

10.306 $\pm$ 75.788 χ^2 /NDF: 5.1/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.799+/-0.061 χ^2/NDF : 977655.0/14

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

Right Out: 170.573+/-0.054 χ^2/NDF : 1460616.3/16

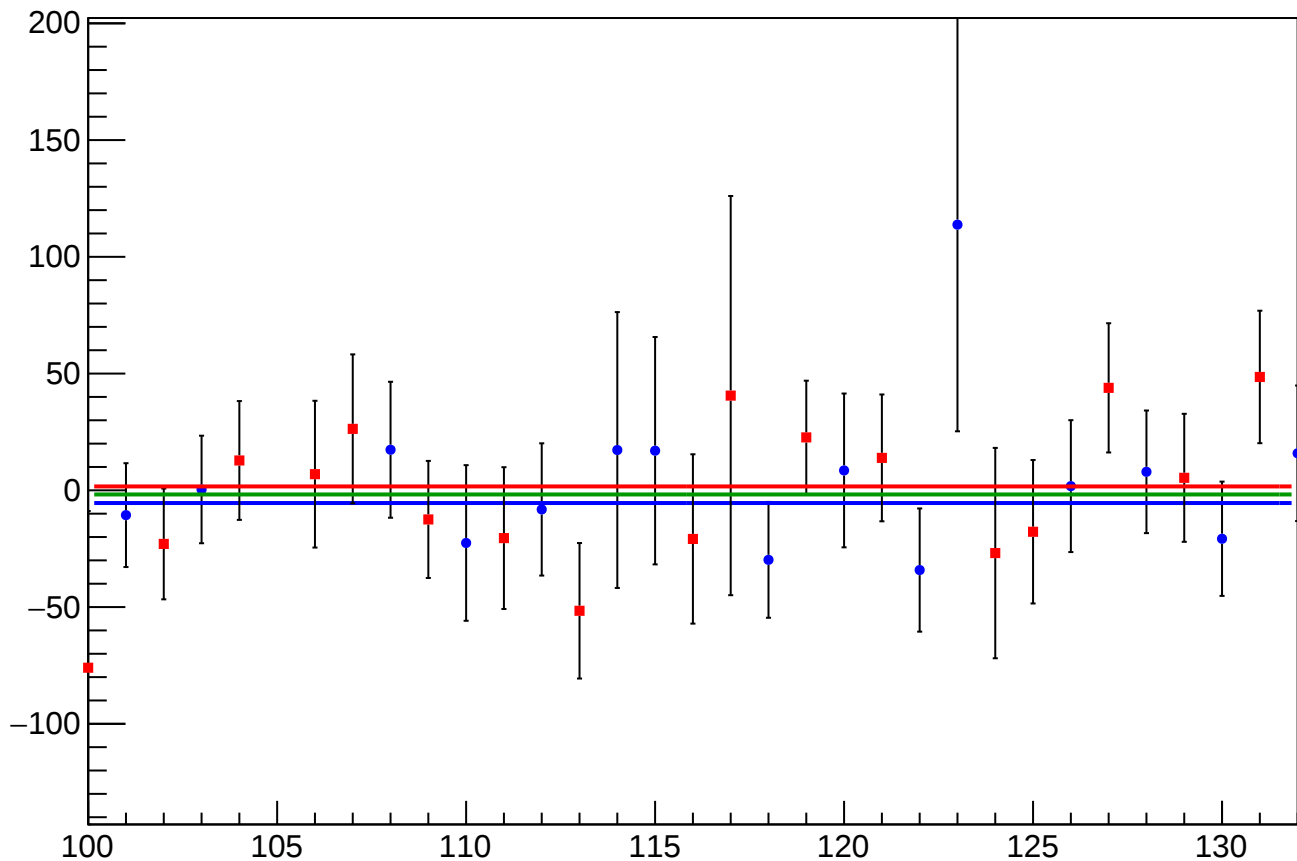
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.799+/-0.061 χ^2/NDF : 977655.0/14

179.789+/-0.040 χ^2/NDF : 2506393.0/31

170.573+/-0.054 χ^2/NDF : 1460616.3/16

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.440+/-7.535 χ^2/NDF : 6.8/14

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

Right Out: 1.668+/-7.297 χ^2/NDF : 14.9/16

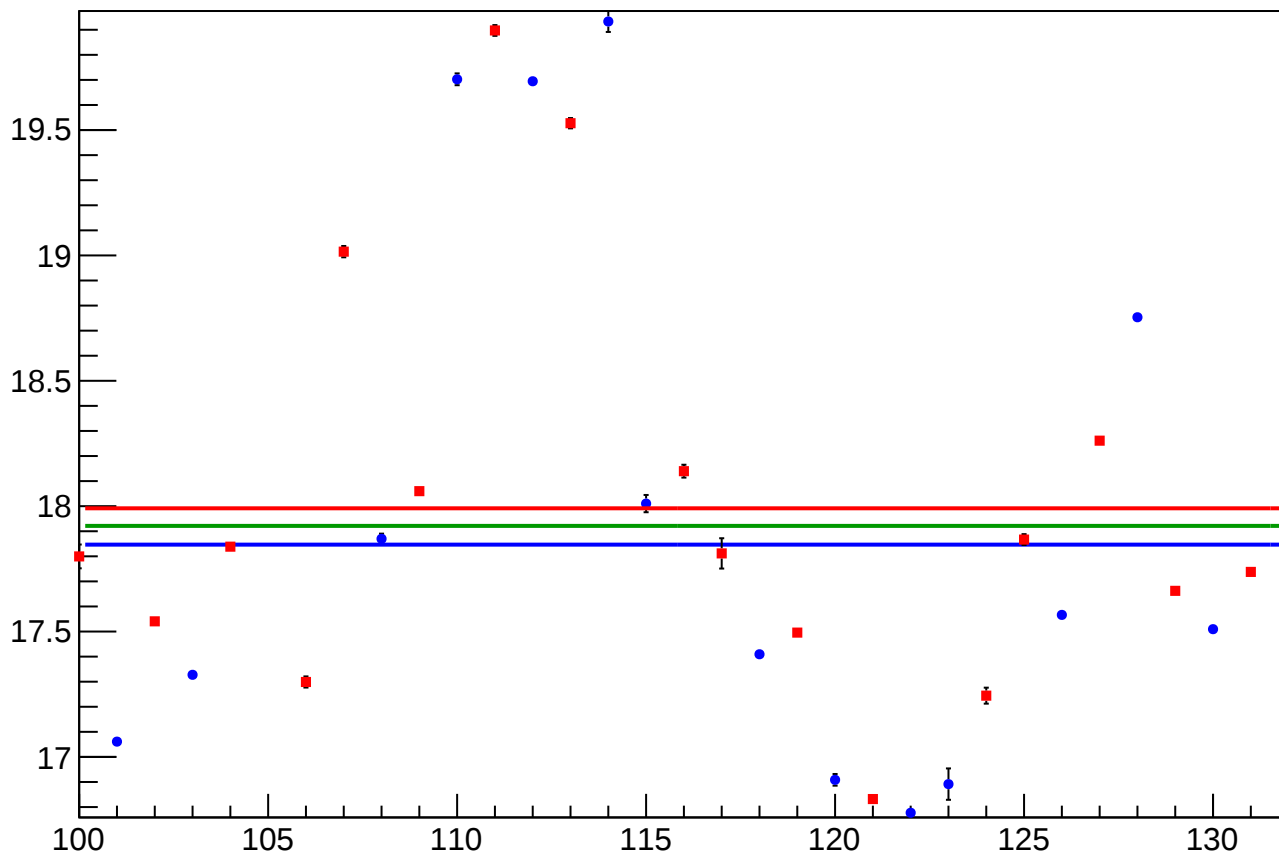
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.440+/-7.535 χ^2/NDF : 6.8/14

-1.772+/-5.242 χ^2/NDF : 22.1/31

1.668+/-7.297 χ^2/NDF : 14.9/16

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.847 ± 0.005 $\chi^2/\text{NDF}: 30372.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.991 ± 0.005 $\chi^2/\text{NDF}: 23082.1/16$

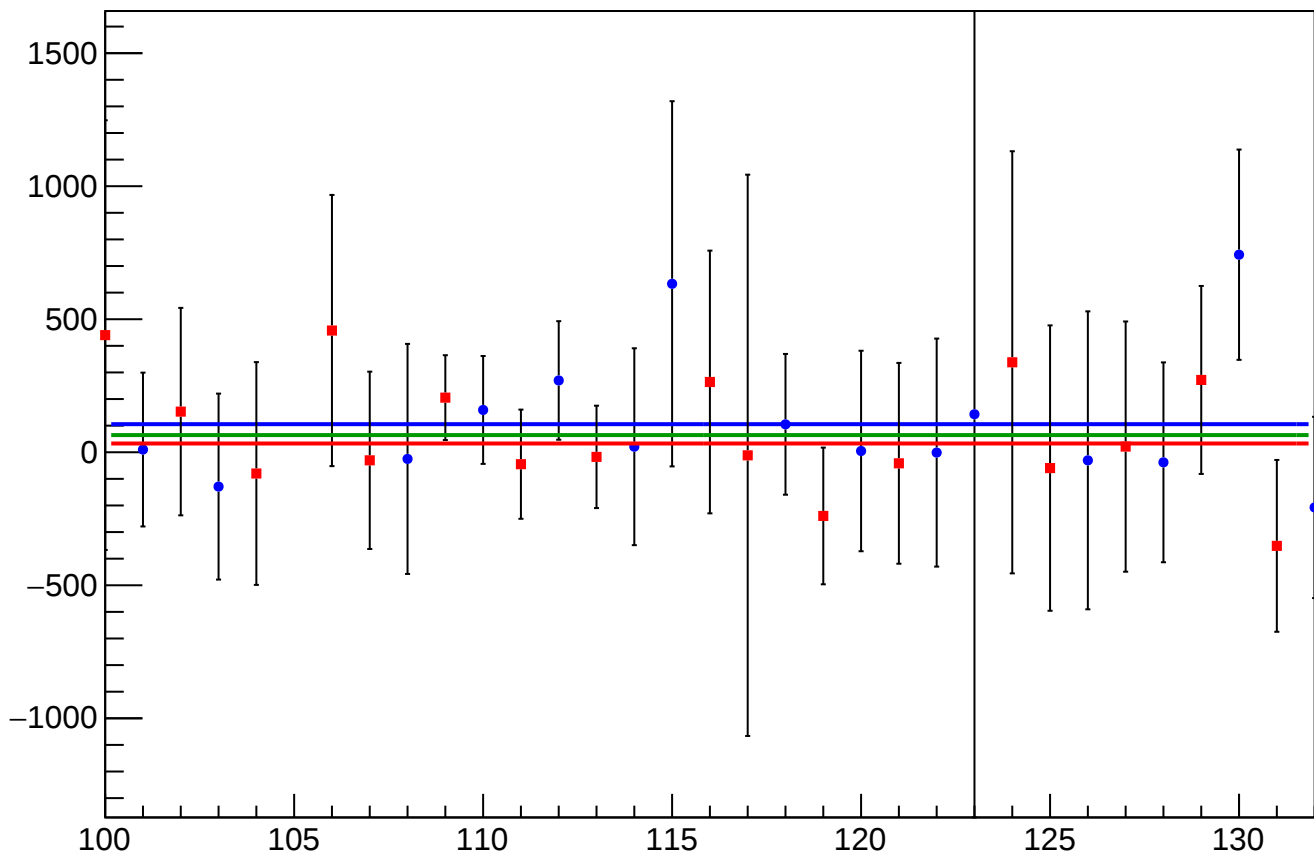
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.847 ± 0.005 $\chi^2/\text{NDF}: 30372.2/14$

17.921 ± 0.004 $\chi^2/\text{NDF}: 53835.8/31$

17.991 ± 0.005 $\chi^2/\text{NDF}: 23082.1/16$

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 105.547 $\pm$ 87.067 χ^2 /NDF: 5.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.937 $\pm$ 76.446 χ^2 /NDF: 6.0/16

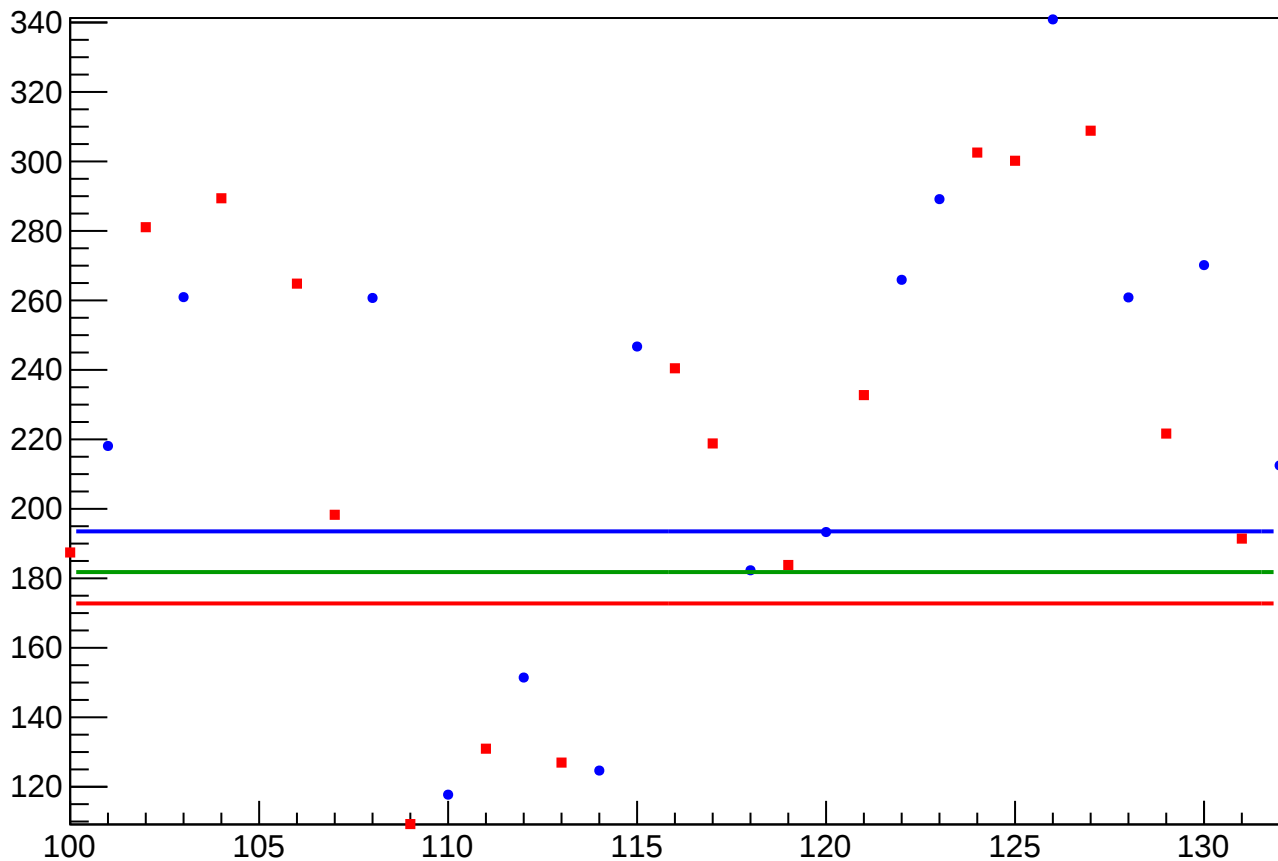
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.547 $\pm$ 87.067 χ^2 /NDF: 5.7/14

64.546 $\pm$ 57.446 χ^2 /NDF: 12.1/31

32.937 $\pm$ 76.446 χ^2 /NDF: 6.0/16

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.518+/-0.062 χ^2/NDF : 922144.5/14

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

Right Out: 172.773+/-0.054 χ^2/NDF : 1375215.7/16

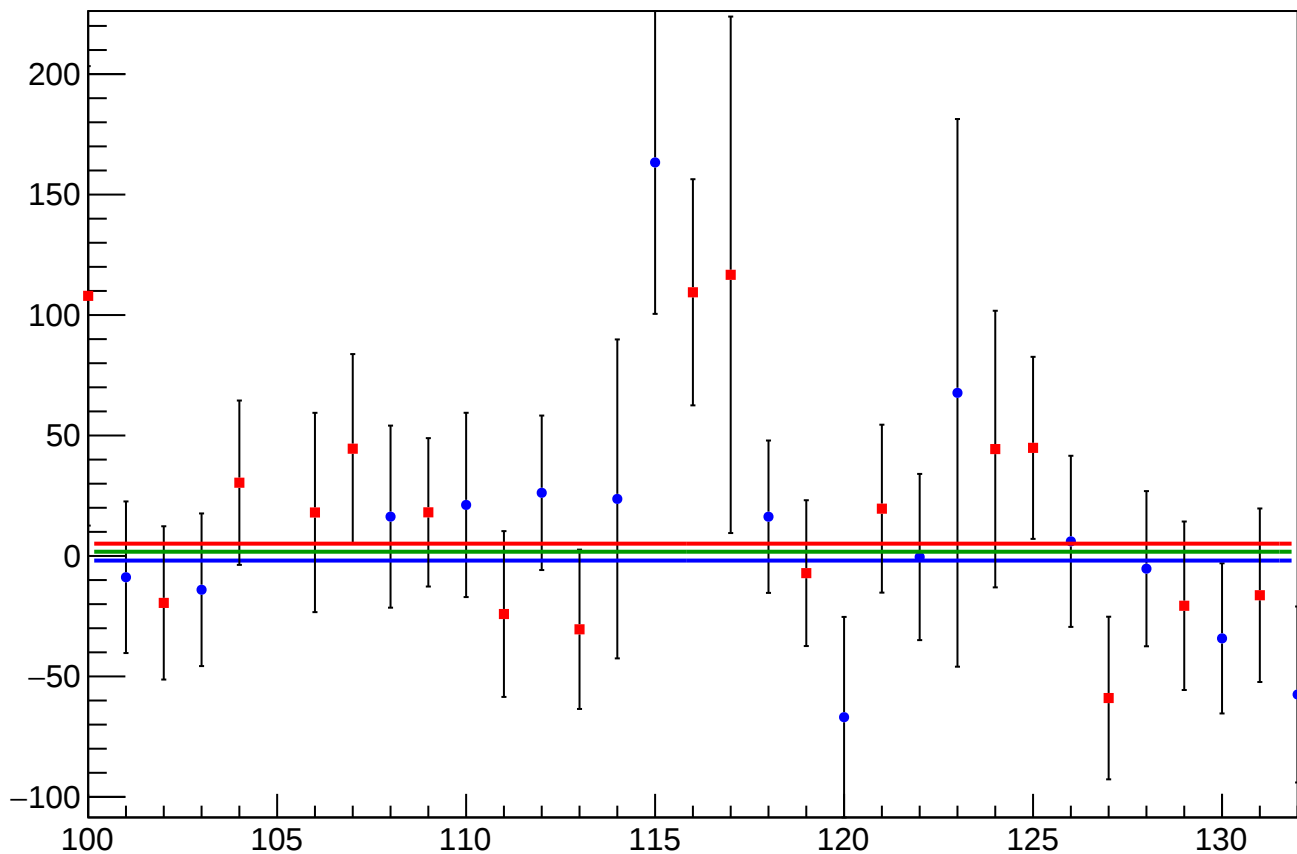
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.518+/-0.062 χ^2/NDF : 922144.5/14

181.804+/-0.041 χ^2/NDF : 2361477.0/31

172.773+/-0.054 χ^2/NDF : 1375215.7/16

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.912+/-9.589 χ^2/NDF : 15.2/14

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

Right Out: 5.107+/-9.155 χ^2/NDF : 17.9/16

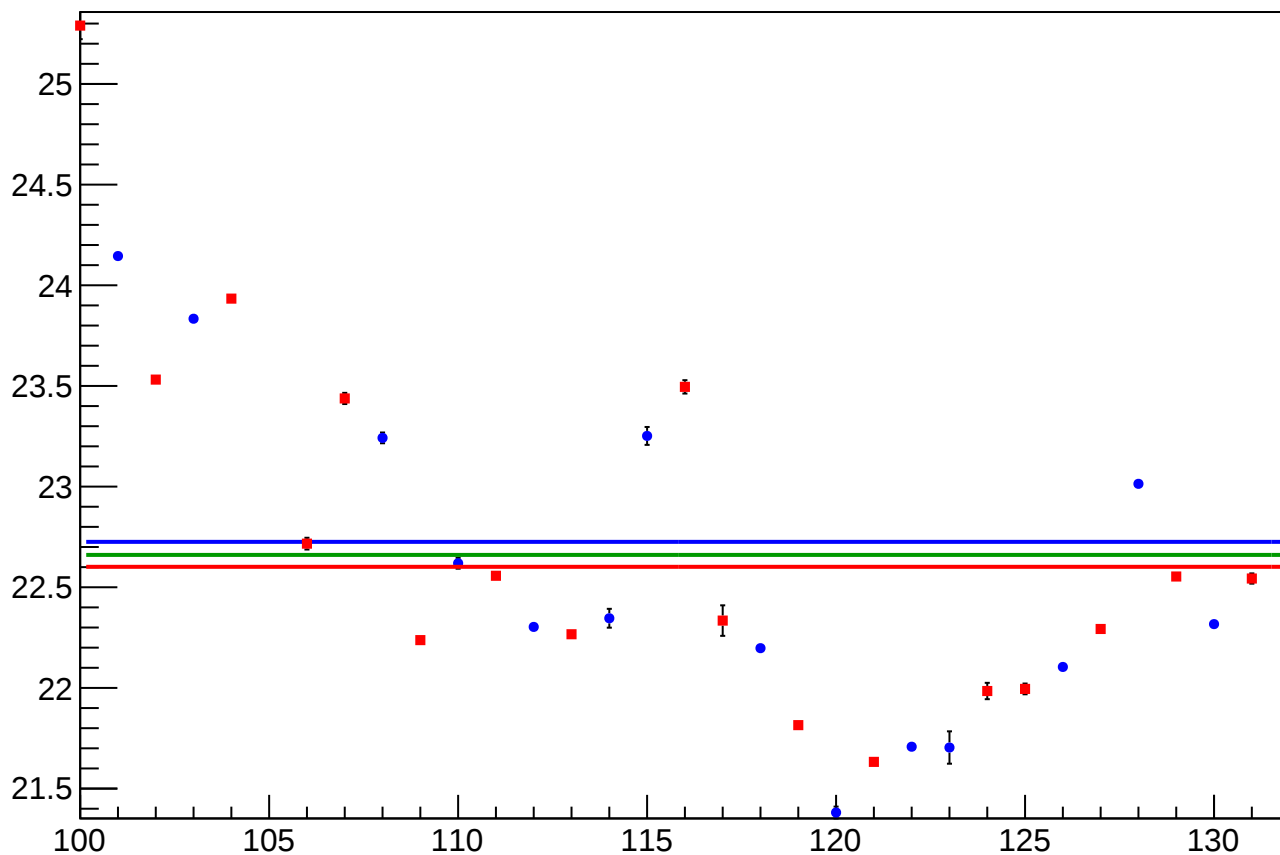
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.912+/-9.589 χ^2/NDF : 15.2/14

1.760+/-6.622 χ^2/NDF : 33.4/31

5.107+/-9.155 χ^2/NDF : 17.9/16

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.726 $\pm$ 0.007 χ^2 /NDF: 13576.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.602 $\pm$ 0.006 χ^2 /NDF: 12317.5/16

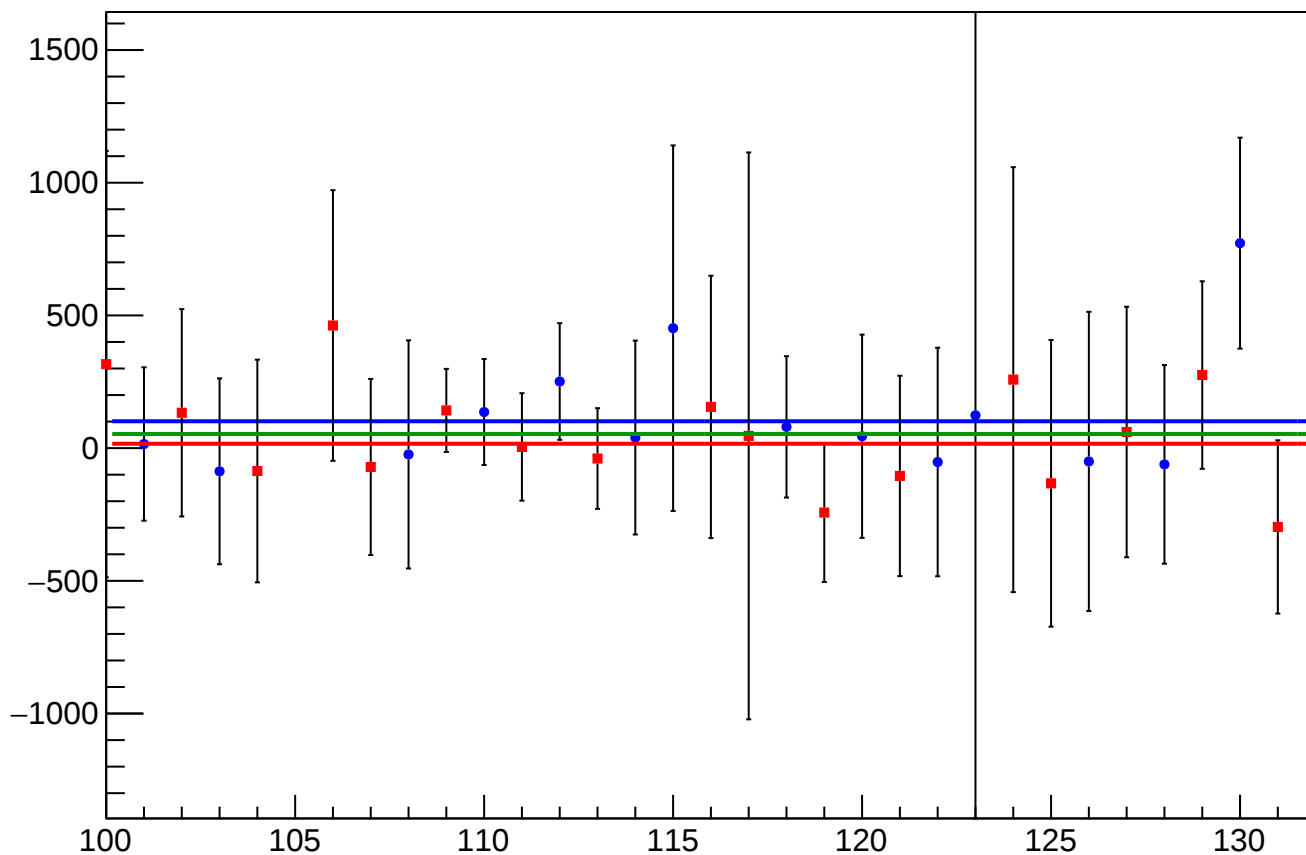
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

22.726 $\pm$ 0.007 χ^2 /NDF: 13576.6/14

22.661 $\pm$ 0.005 χ^2 /NDF: 26069.0/31

22.602 $\pm$ 0.006 χ^2 /NDF: 12317.5/16

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 101.248 $\pm$ 86.730 χ^2 /NDF: 5.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.483 $\pm$ 75.975 χ^2 /NDF: 4.7/16

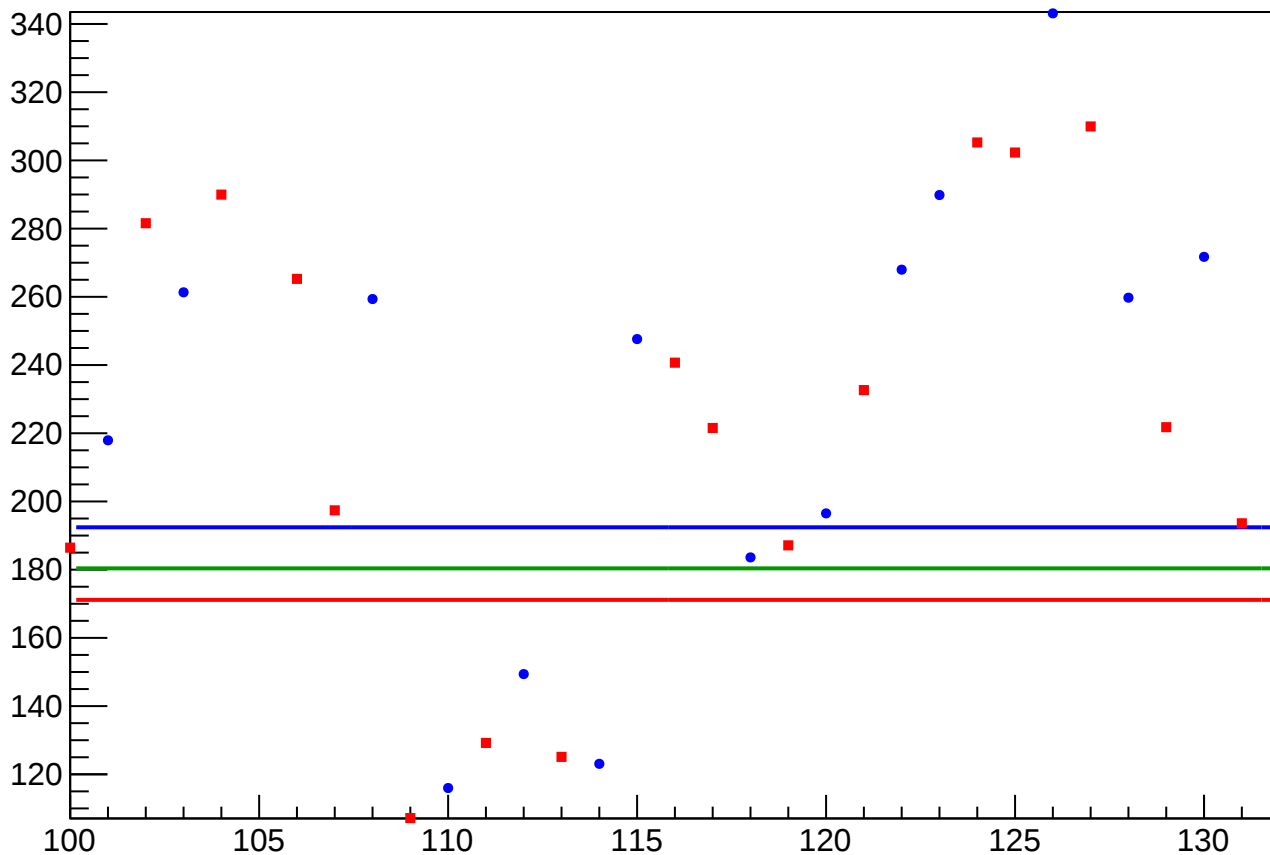
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.248 $\pm$ 86.730 χ^2 /NDF: 5.0/14

53.287 $\pm$ 57.149 χ^2 /NDF: 10.2/31

16.483 $\pm$ 75.975 χ^2 /NDF: 4.7/16

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.424+/-0.061 χ^2/NDF : 962272.5/14

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

Right Out: 171.149+/-0.054 χ^2/NDF : 1441958.3/16

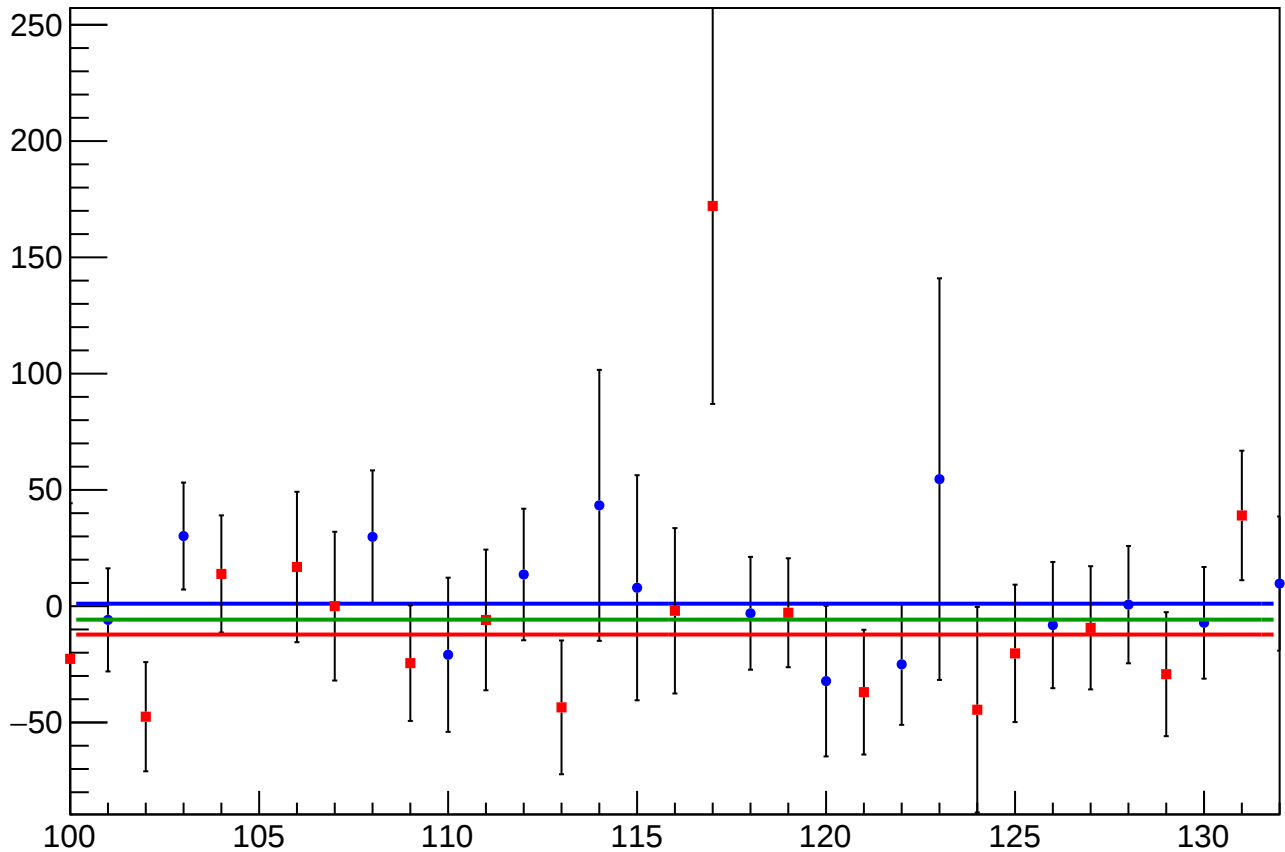
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.424+/-0.061 χ^2/NDF : 962272.5/14

180.386+/-0.040 χ^2/NDF : 2472324.2/31

171.149+/-0.054 χ^2/NDF : 1441958.3/16

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.080 $\pm$ 7.421 χ^2/NDF : 6.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -12.191 $\pm$ 7.182 χ^2/NDF : 16.0/16

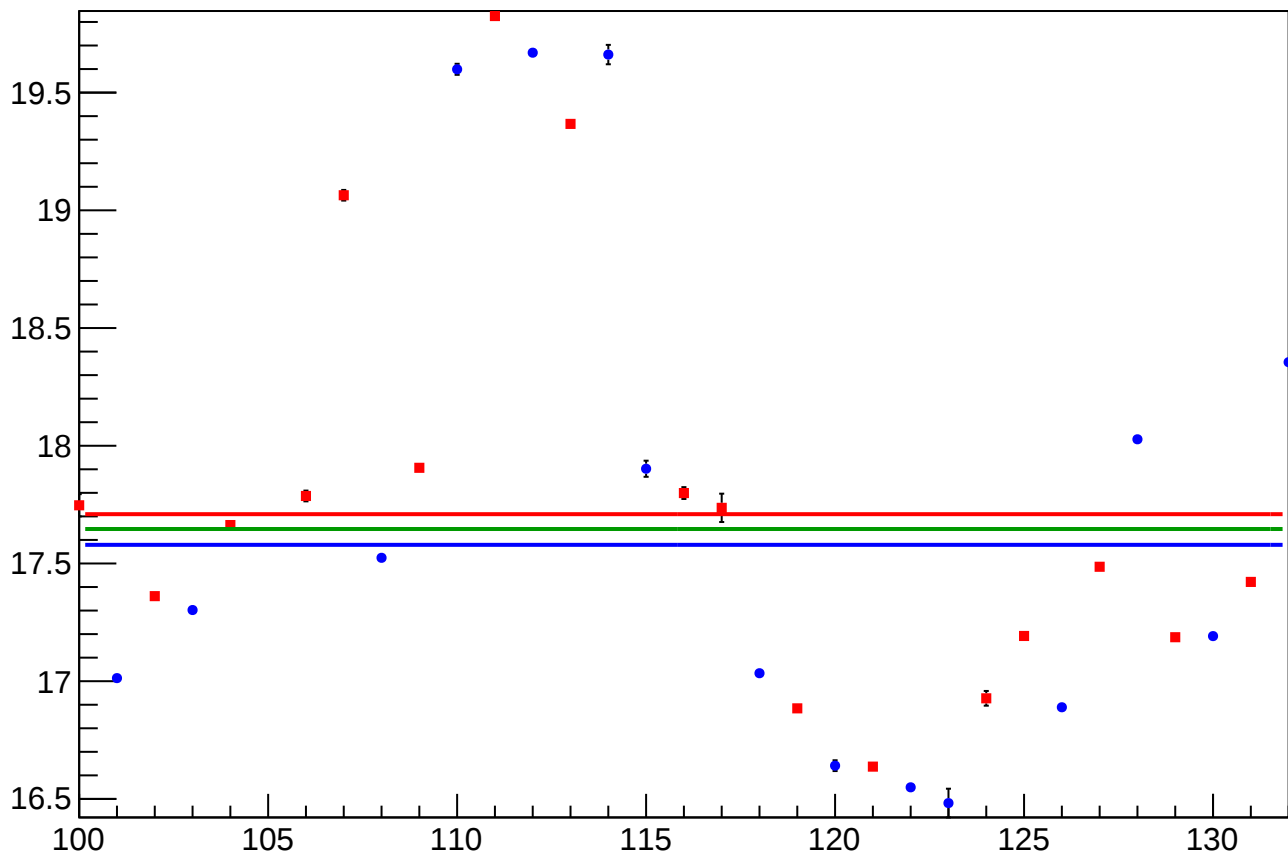
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.080 $\pm$ 7.421 χ^2/NDF : 6.7/14

-5.773 $\pm$ 5.161 χ^2/NDF : 24.3/31

-12.191 $\pm$ 7.182 χ^2/NDF : 16.0/16

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.579 ± 0.005 $\chi^2/\text{NDF}: 32628.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.709 ± 0.005 $\chi^2/\text{NDF}: 28646.7/16$

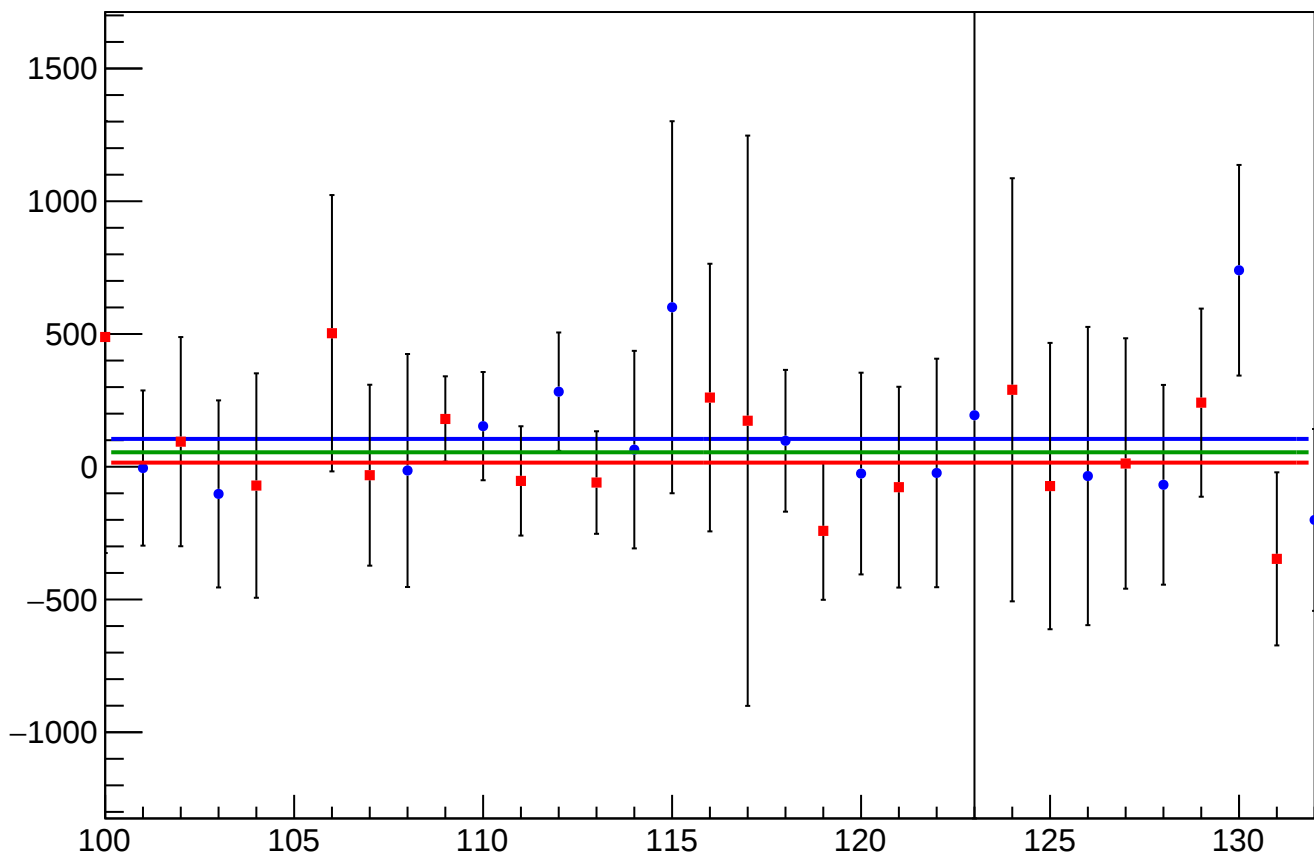
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.579 ± 0.005 $\chi^2/\text{NDF}: 32628.1/14$

17.646 ± 0.004 $\chi^2/\text{NDF}: 61592.9/31$

17.709 ± 0.005 $\chi^2/\text{NDF}: 28646.7/16$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 104.838 $\pm$ 87.603 χ^2 /NDF: 5.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.555 $\pm$ 77.039 χ^2 /NDF: 5.7/16

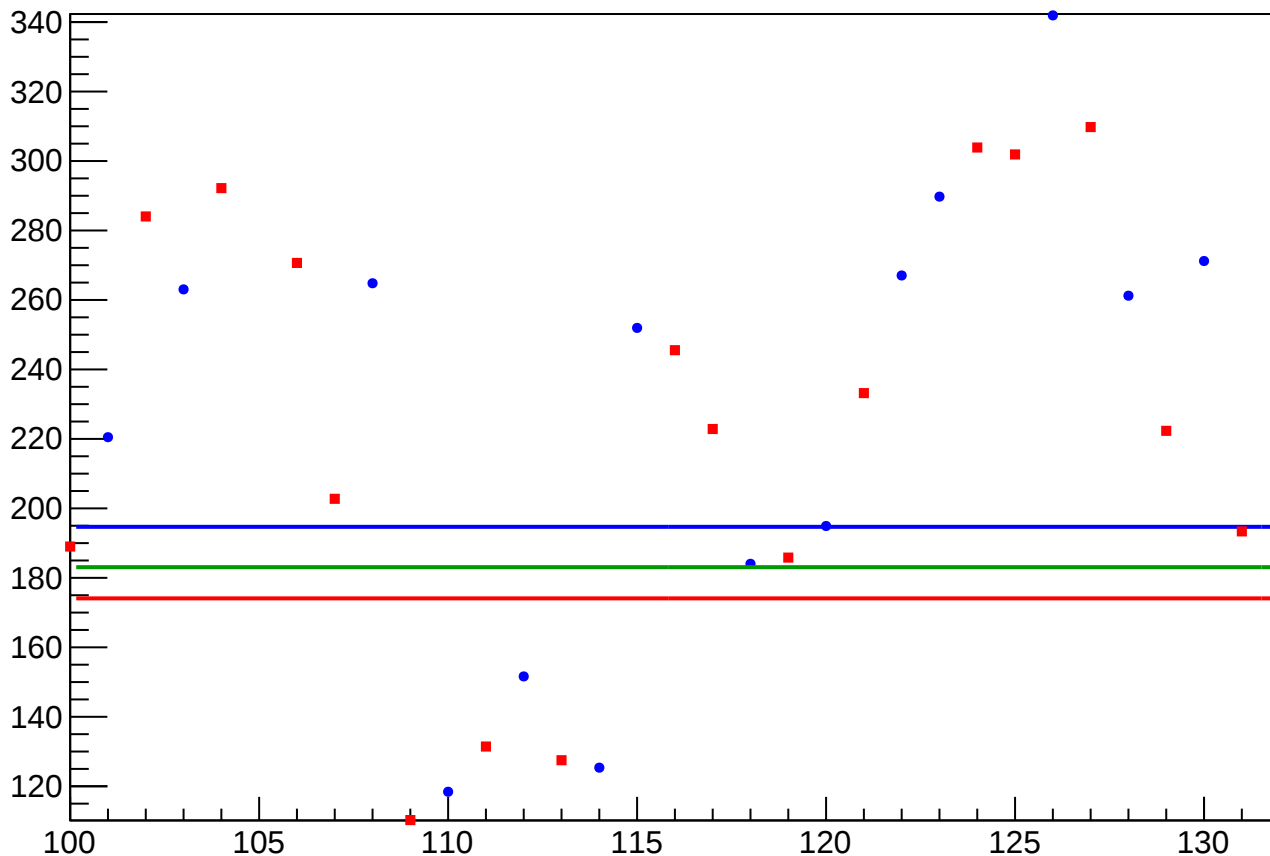
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

104.838 $\pm$ 87.603 χ^2 /NDF: 5.6/14

54.491 $\pm$ 57.851 χ^2 /NDF: 11.9/31

15.555 $\pm$ 77.039 χ^2 /NDF: 5.7/16

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.691+/-0.062 χ^2/NDF : 927469.2/14

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

Right Out: 174.093+/-0.054 χ^2/NDF : 1385442.2/16

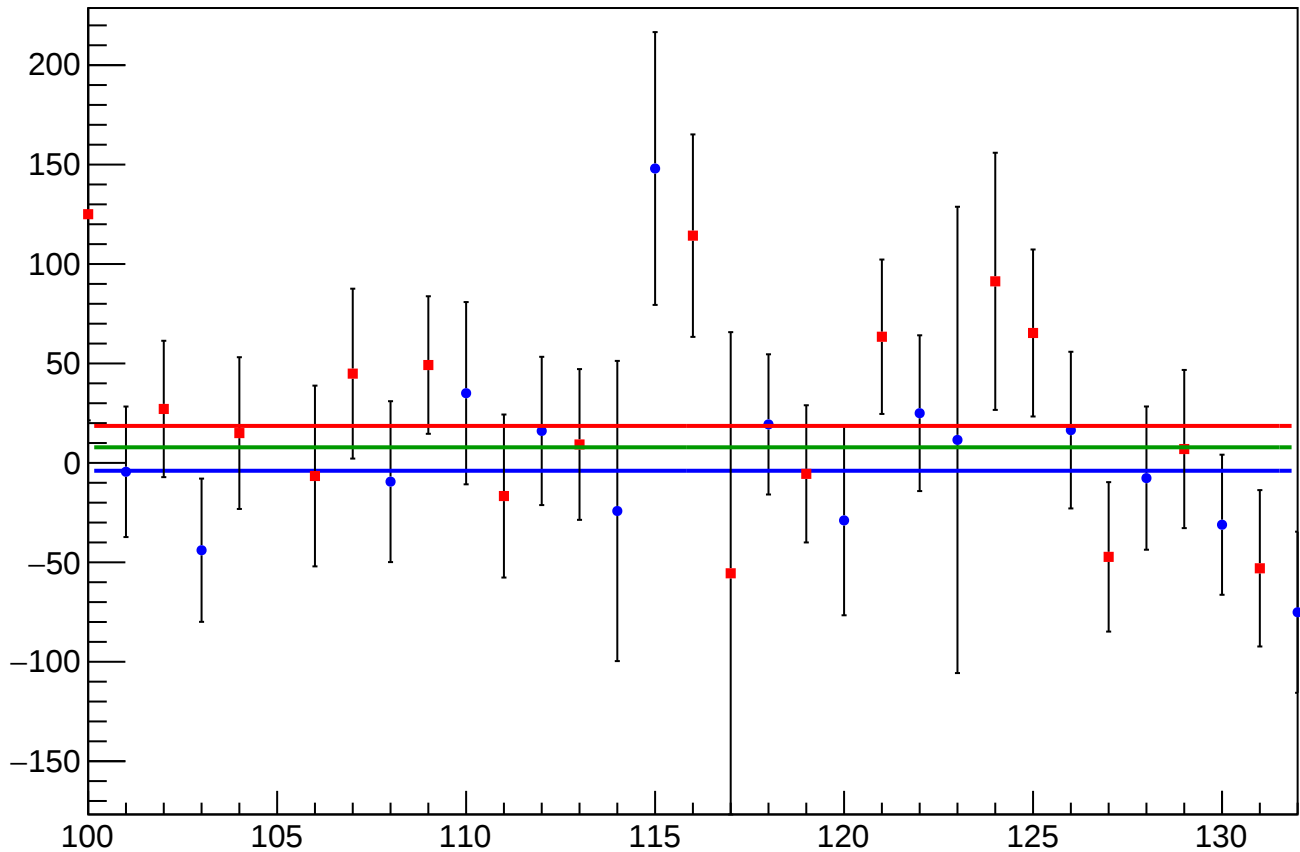
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.691+/-0.062 χ^2/NDF : 927469.2/14

183.076+/-0.041 χ^2/NDF : 2375258.7/31

174.093+/-0.054 χ^2/NDF : 1385442.2/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.954 ± 10.725 $\chi^2/\text{NDF}: 12.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 18.594 ± 10.237 $\chi^2/\text{NDF}: 18.1/16$

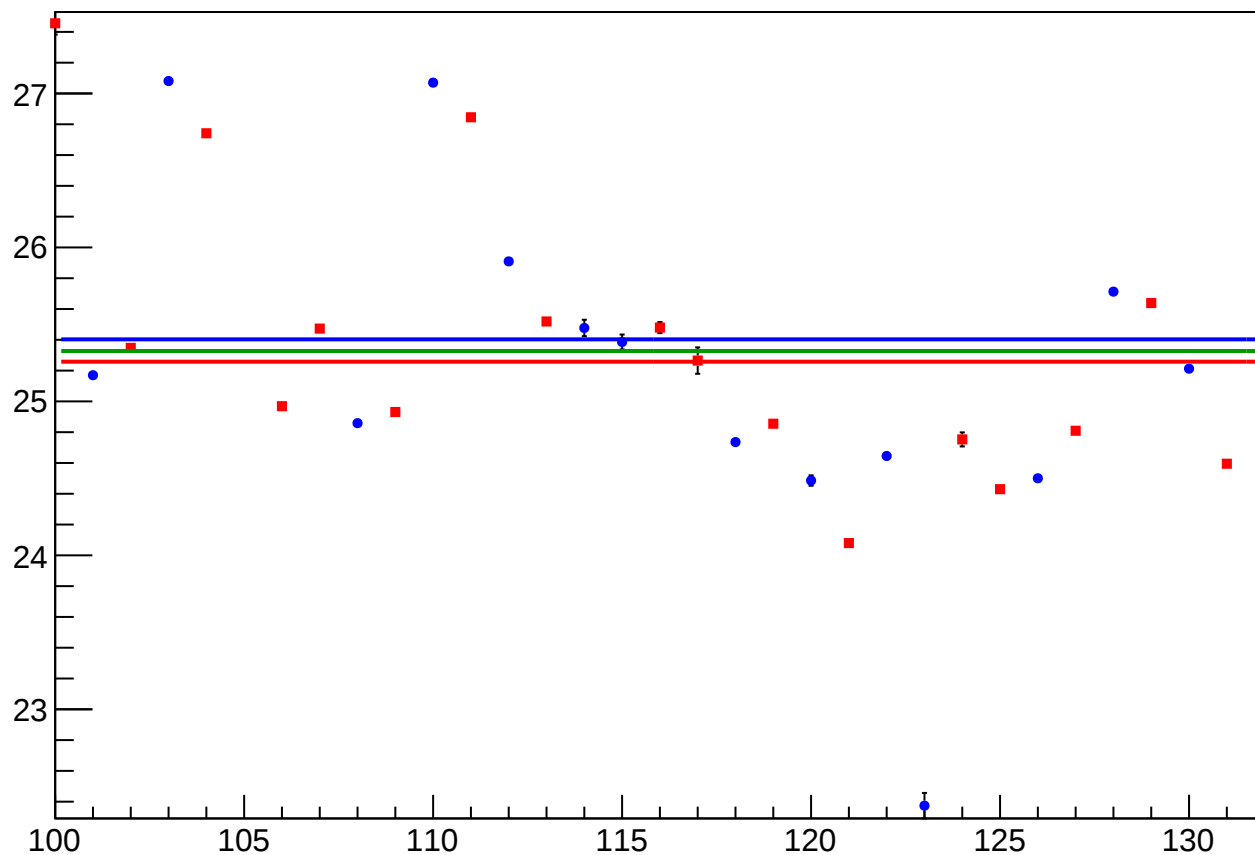
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.954 ± 10.725 $\chi^2/\text{NDF}: 12.5/14$

7.845 ± 7.405 $\chi^2/\text{NDF}: 32.9/31$

18.594 ± 10.237 $\chi^2/\text{NDF}: 18.1/16$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.403+/-0.008 χ^2/NDF : 12803.4/14

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

Right Out: 25.258+/-0.007 χ^2/NDF : 11433.1/16

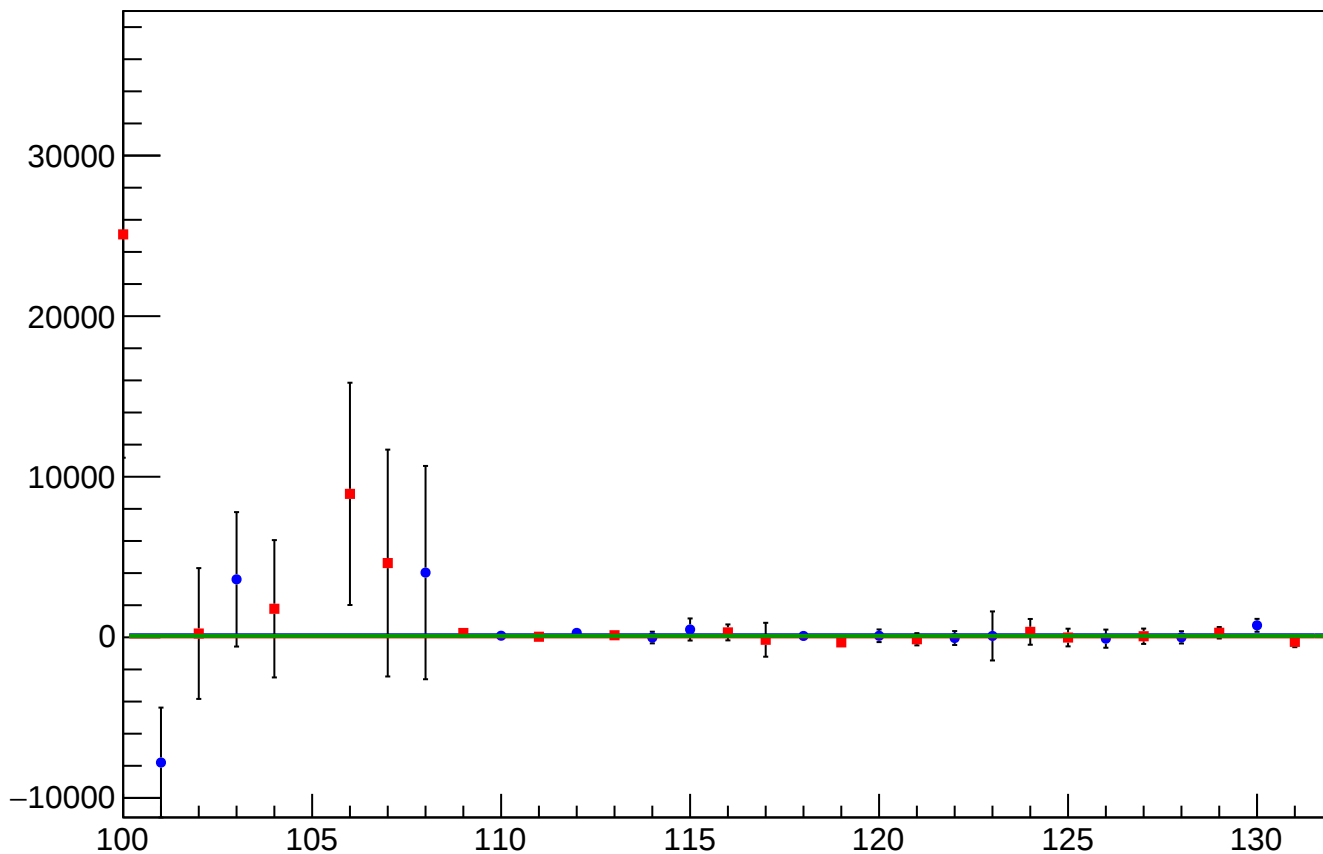
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.403+/-0.008 χ^2/NDF : 12803.4/14

25.327+/-0.005 χ^2/NDF : 24427.8/31

25.258+/-0.007 χ^2/NDF : 11433.1/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 127.902+/-97.062 χ^2/NDF : 10.8/14

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

Right Out: 57.822+/-89.139 χ^2/NDF : 10.6/16

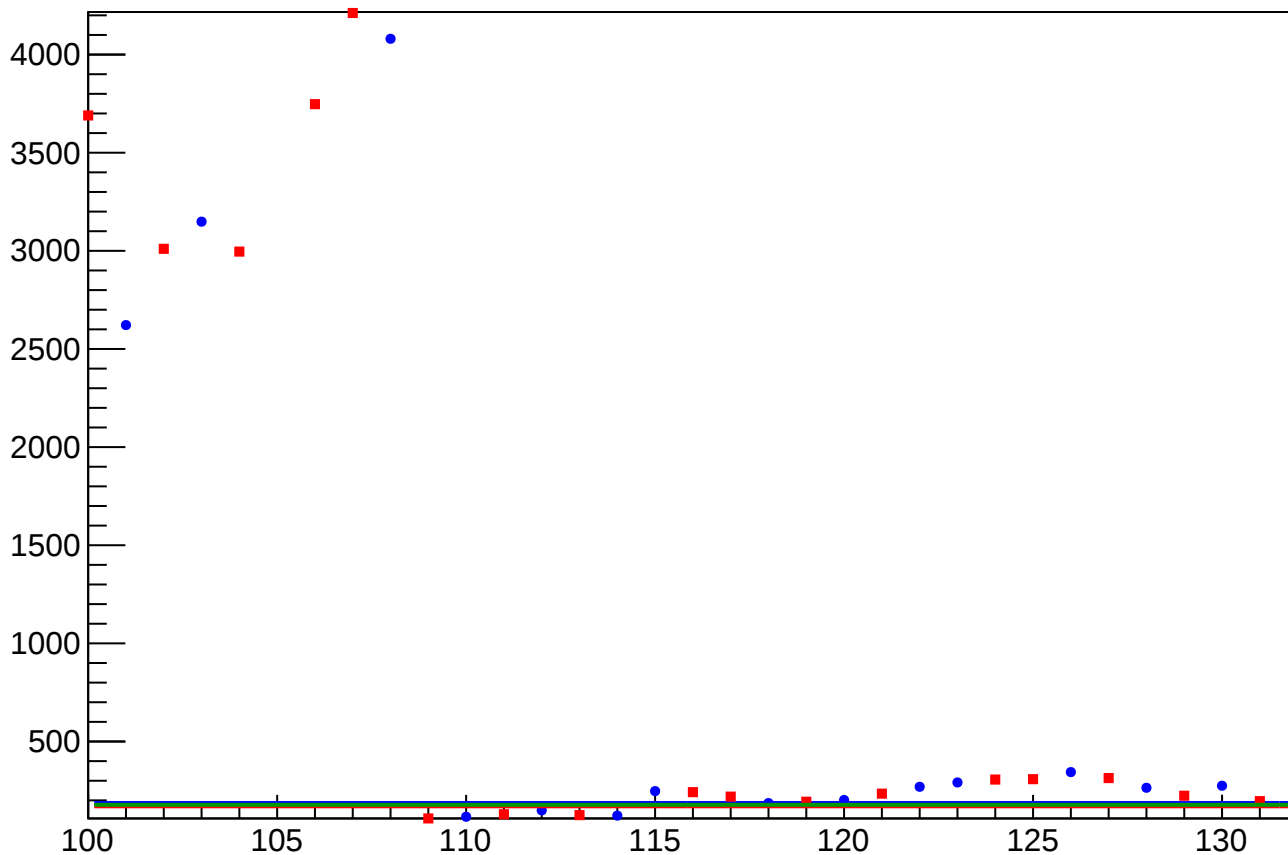
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.902+/-97.062 χ^2/NDF : 10.8/14

89.885+/-65.653 χ^2/NDF : 21.7/31

57.822+/-89.139 χ^2/NDF : 10.6/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.432 $\pm$ 0.069 χ^2 /NDF: 3515139.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.797 $\pm$ 0.063 χ^2 /NDF: 4063483.4/16

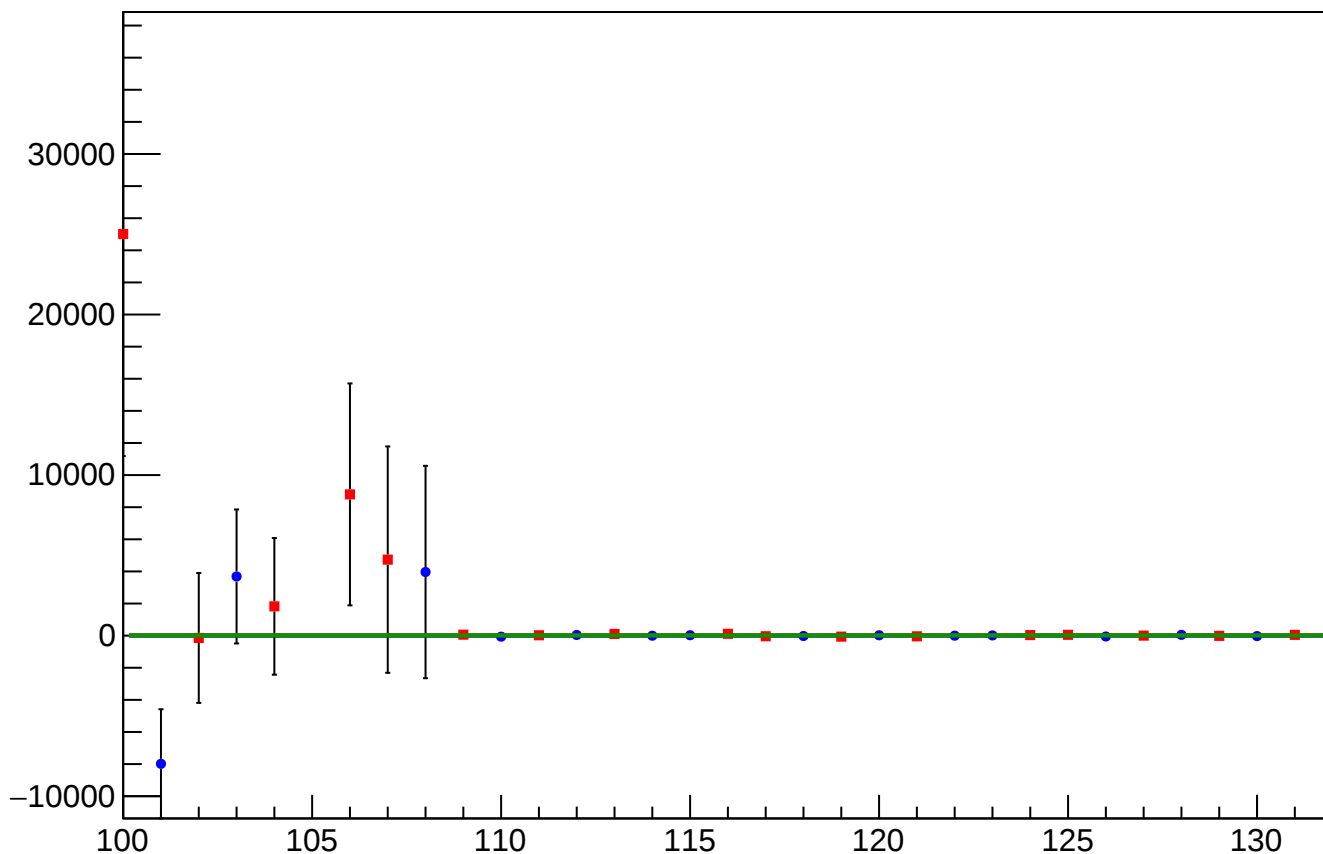
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

186.432 $\pm$ 0.069 χ^2 /NDF: 3515139.7/14

177.408 $\pm$ 0.046 χ^2 /NDF: 7610490.1/31

169.797 $\pm$ 0.063 χ^2 /NDF: 4063483.4/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.304+/-13.691 χ^2/NDF : 14.7/14

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

Right Out: 22.631+/-13.684 χ^2/NDF : 21.2/16

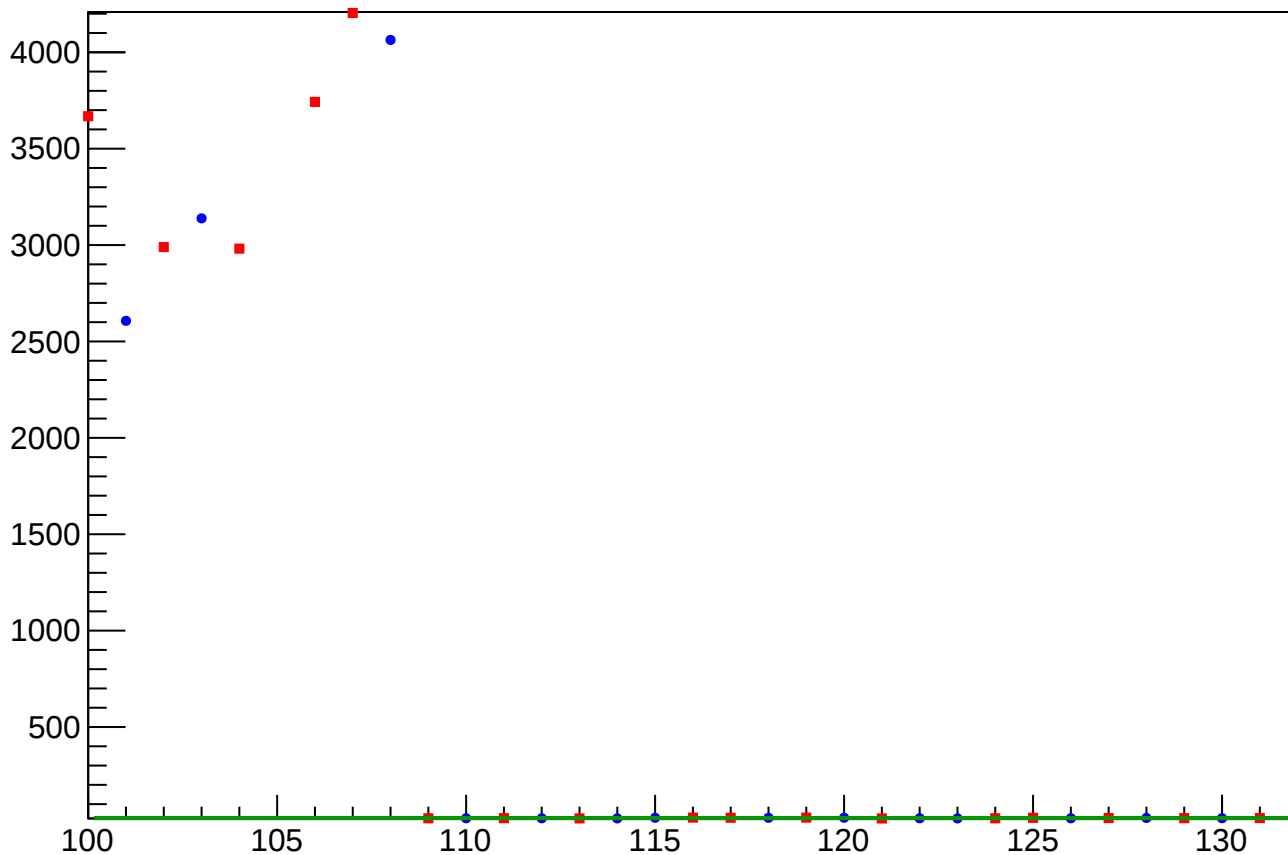
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.304+/-13.691 χ^2/NDF : 14.7/14

10.670+/-9.678 χ^2/NDF : 37.5/31

22.631+/-13.684 χ^2/NDF : 21.2/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.742 $\pm$ 0.010 χ^2 /NDF: 3026519.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.641 $\pm$ 0.010 χ^2 /NDF: 3475792.9/16

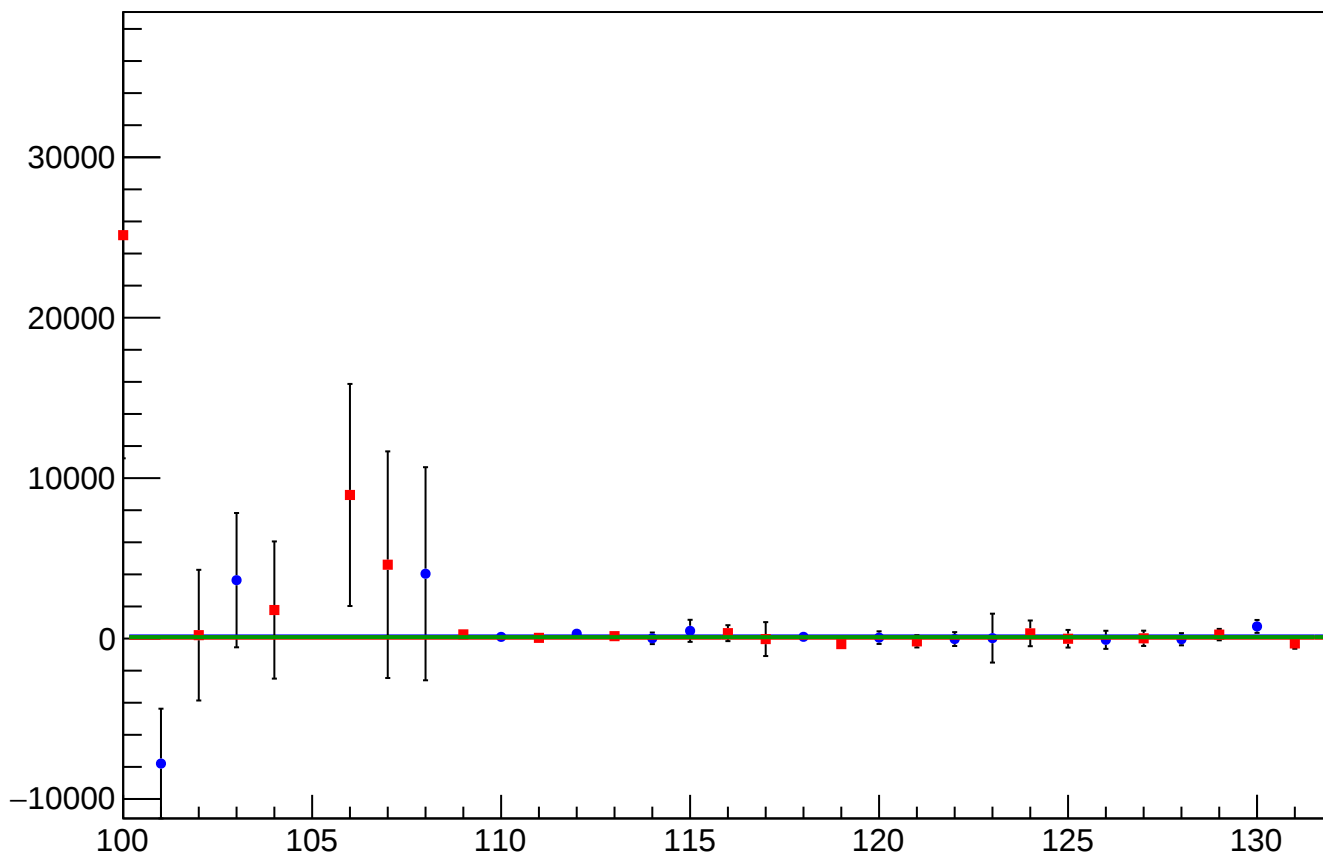
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.742 $\pm$ 0.010 χ^2 /NDF: 3026519.8/14

27.691 $\pm$ 0.007 χ^2 /NDF: 6502367.2/31

27.641 $\pm$ 0.010 χ^2 /NDF: 3475792.9/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 134.462+/-96.748 χ^2/NDF : 11.0/14

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

Right Out: 51.707+/-88.814 χ^2/NDF : 11.2/16

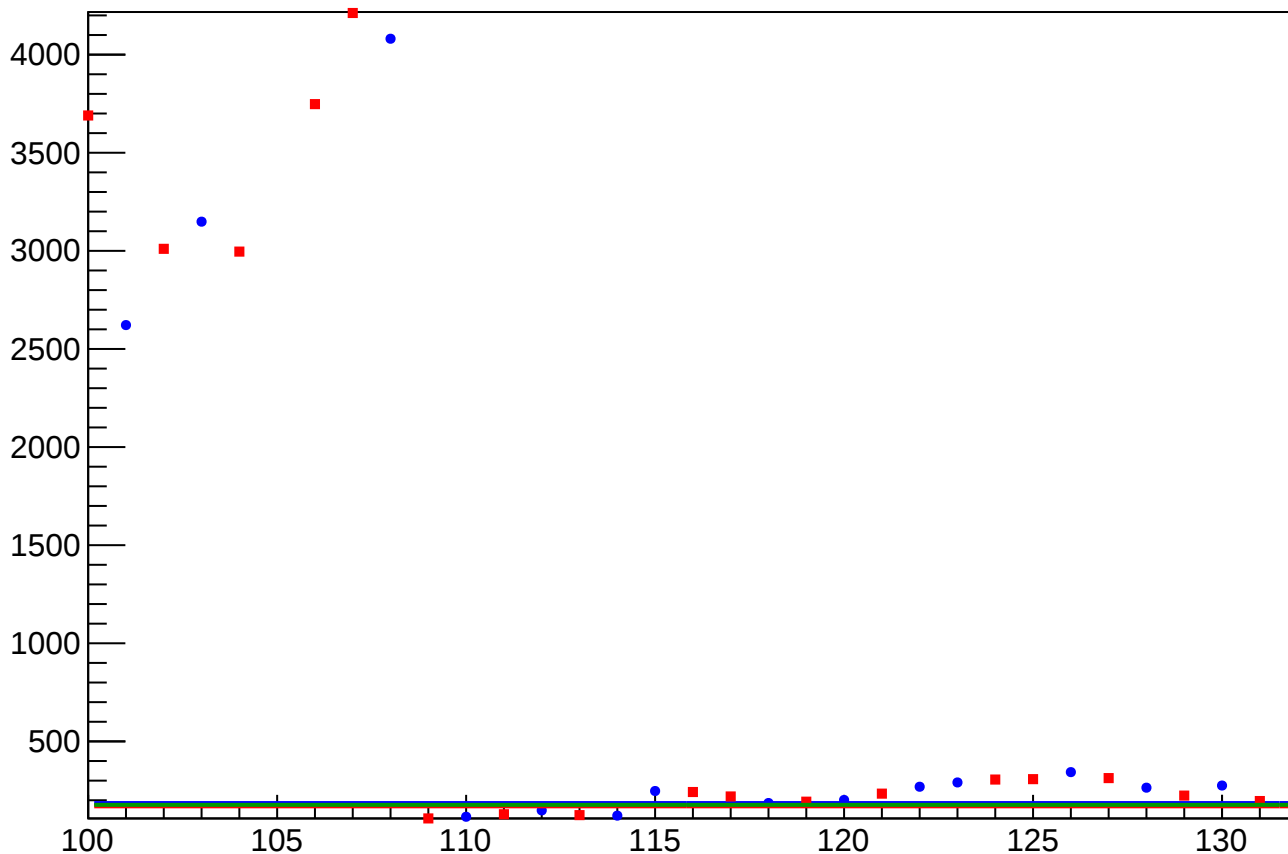
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.462+/-96.748 χ^2/NDF : 11.0/14

89.553+/-65.426 χ^2/NDF : 22.6/31

51.707+/-88.814 χ^2/NDF : 11.2/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.696+/-0.068 χ^2/NDF : 3526355.3/14

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

Right Out: 169.049+/-0.063 χ^2/NDF : 4074325.6/16

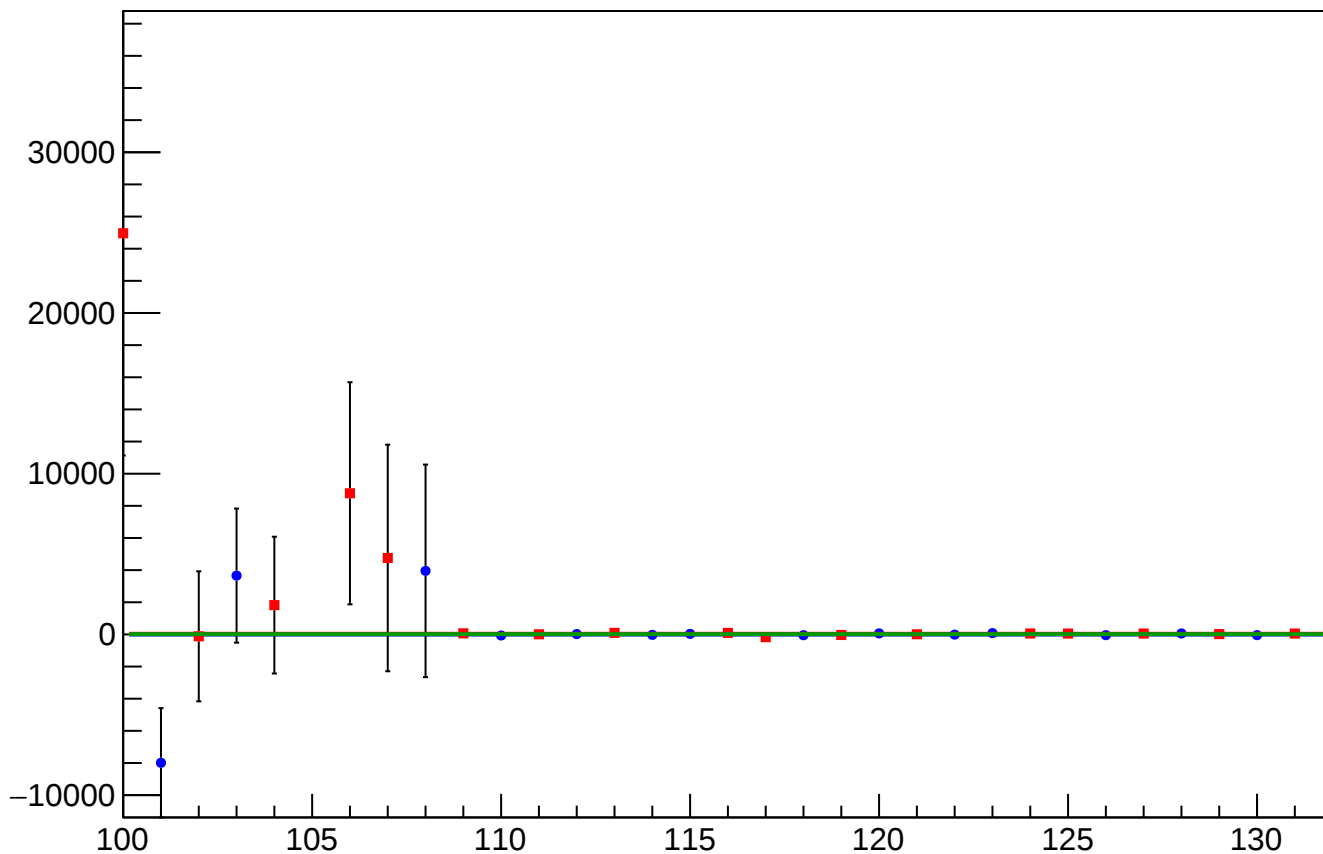
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

185.696+/-0.068 χ^2/NDF : 3526355.3/14

176.662+/-0.046 χ^2/NDF : 7632814.8/31

169.049+/-0.063 χ^2/NDF : 4074325.6/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.068+/-13.787 χ^2/NDF : 17.8/14

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

Right Out: 37.214+/-13.811 χ^2/NDF : 15.8/16

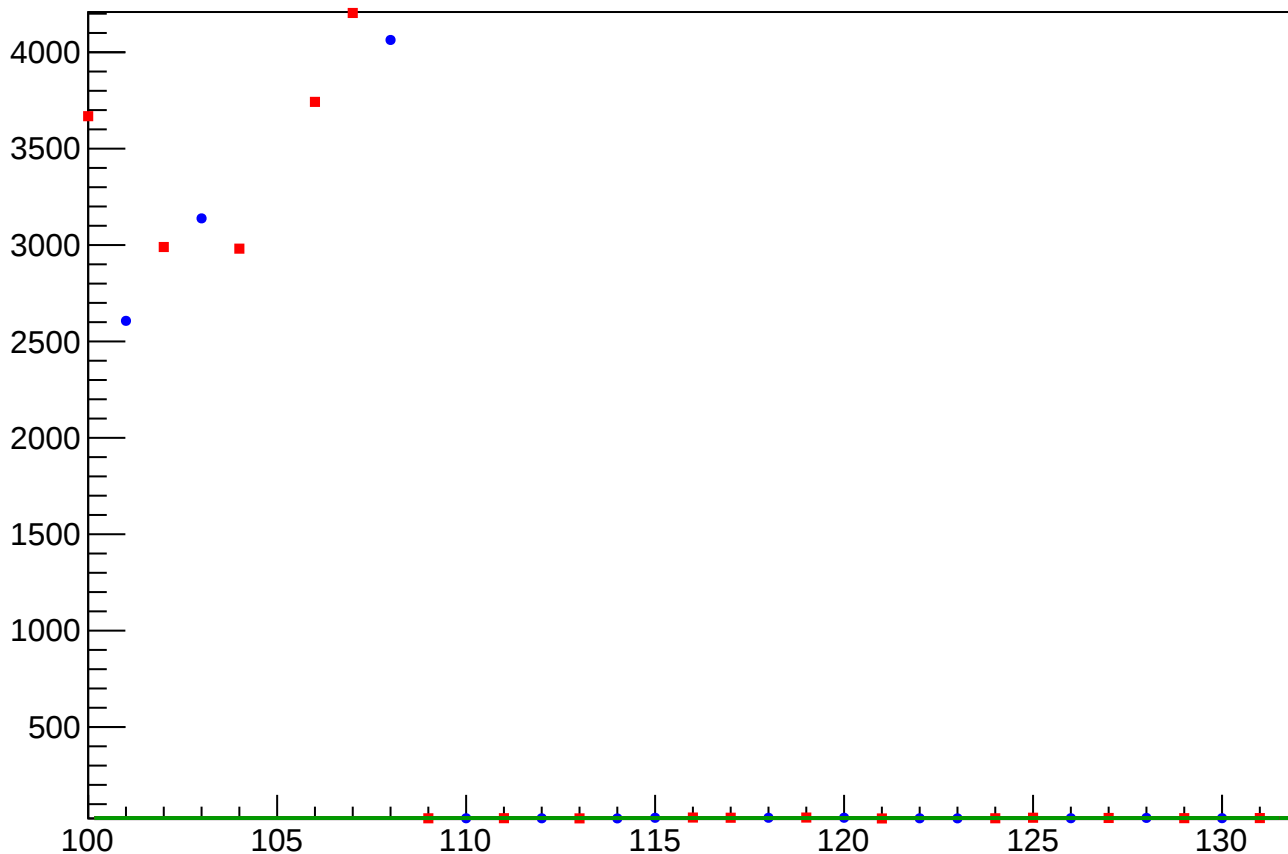
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.068+/-13.787 χ^2/NDF : 17.8/14

16.036+/-9.758 χ^2/NDF : 38.3/31

37.214+/-13.811 χ^2/NDF : 15.8/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.932 $\pm$ 0.010 χ^2 /NDF: 3026735.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.892 $\pm$ 0.010 χ^2 /NDF: 3478657.7/16

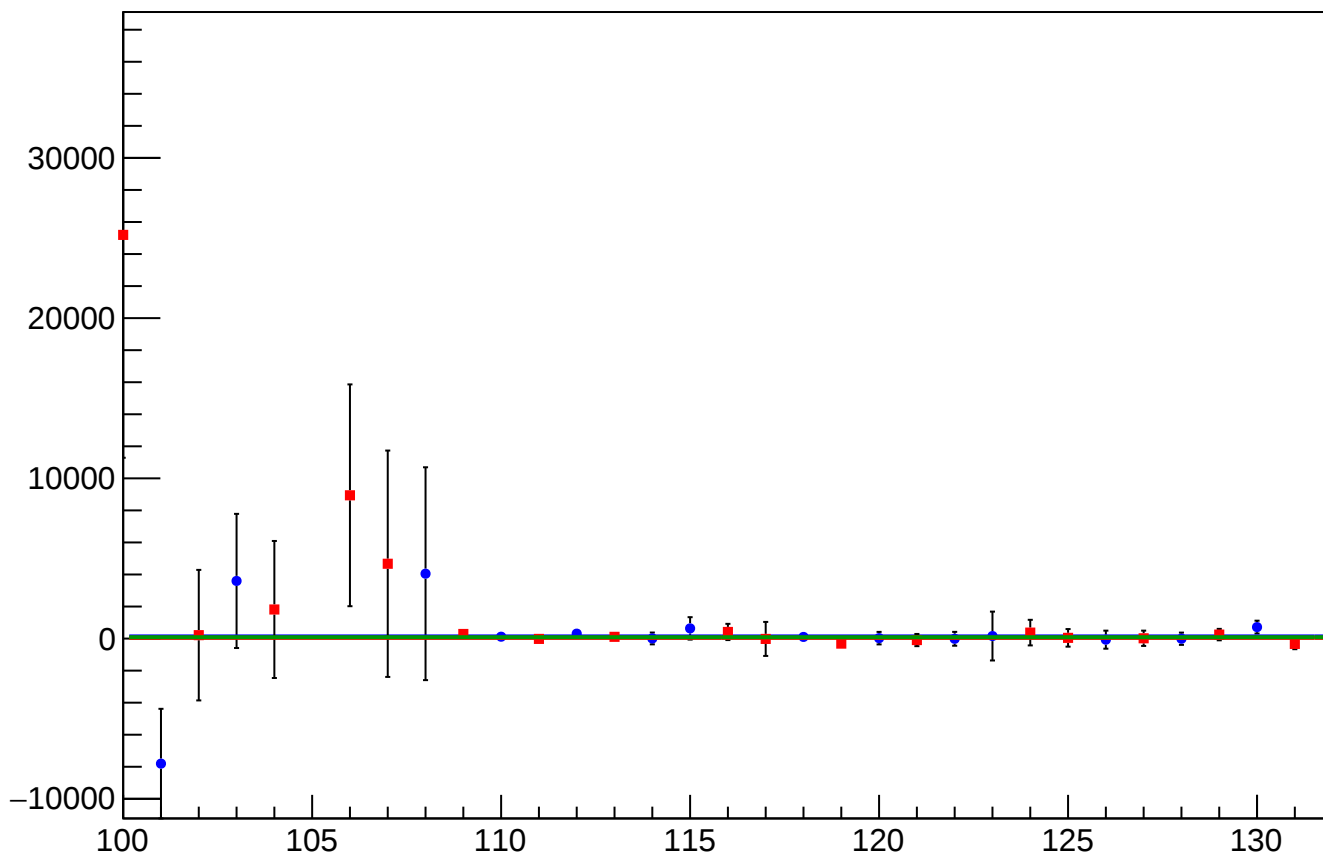
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.932 $\pm$ 0.010 χ^2 /NDF: 3026735.9/14

27.912 $\pm$ 0.007 χ^2 /NDF: 6505402.1/31

27.892 $\pm$ 0.010 χ^2 /NDF: 3478657.7/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 135.305+/-97.882 χ^2/NDF : 11.2/14

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

Right Out: 42.427+/-89.993 χ^2/NDF : 11.2/16

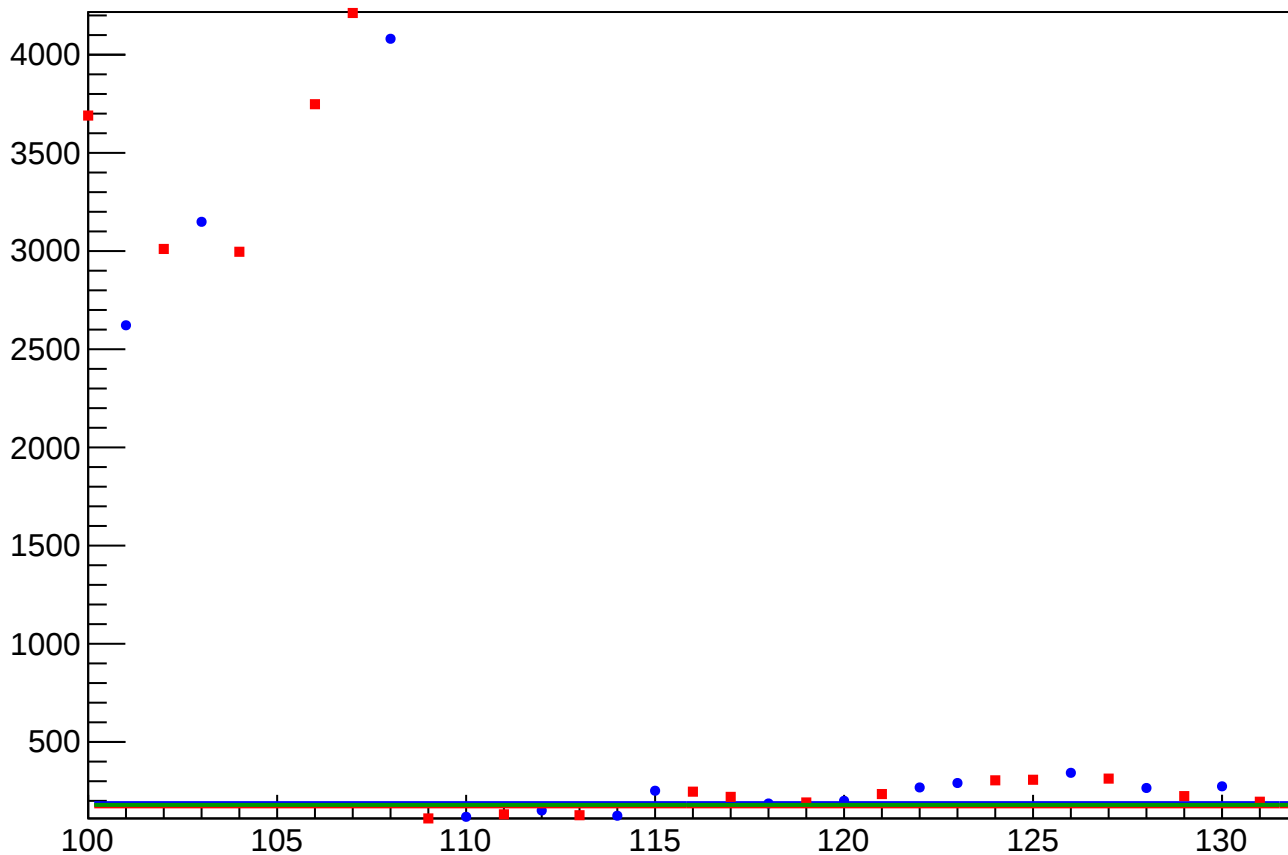
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.305+/-97.882 χ^2/NDF : 11.2/14

84.973+/-66.248 χ^2/NDF : 22.9/31

42.427+/-89.993 χ^2/NDF : 11.2/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.429+/-0.069 χ^2/NDF : 3479346.3/14

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

Right Out: 171.961+/-0.064 χ^2/NDF : 4022546.0/16

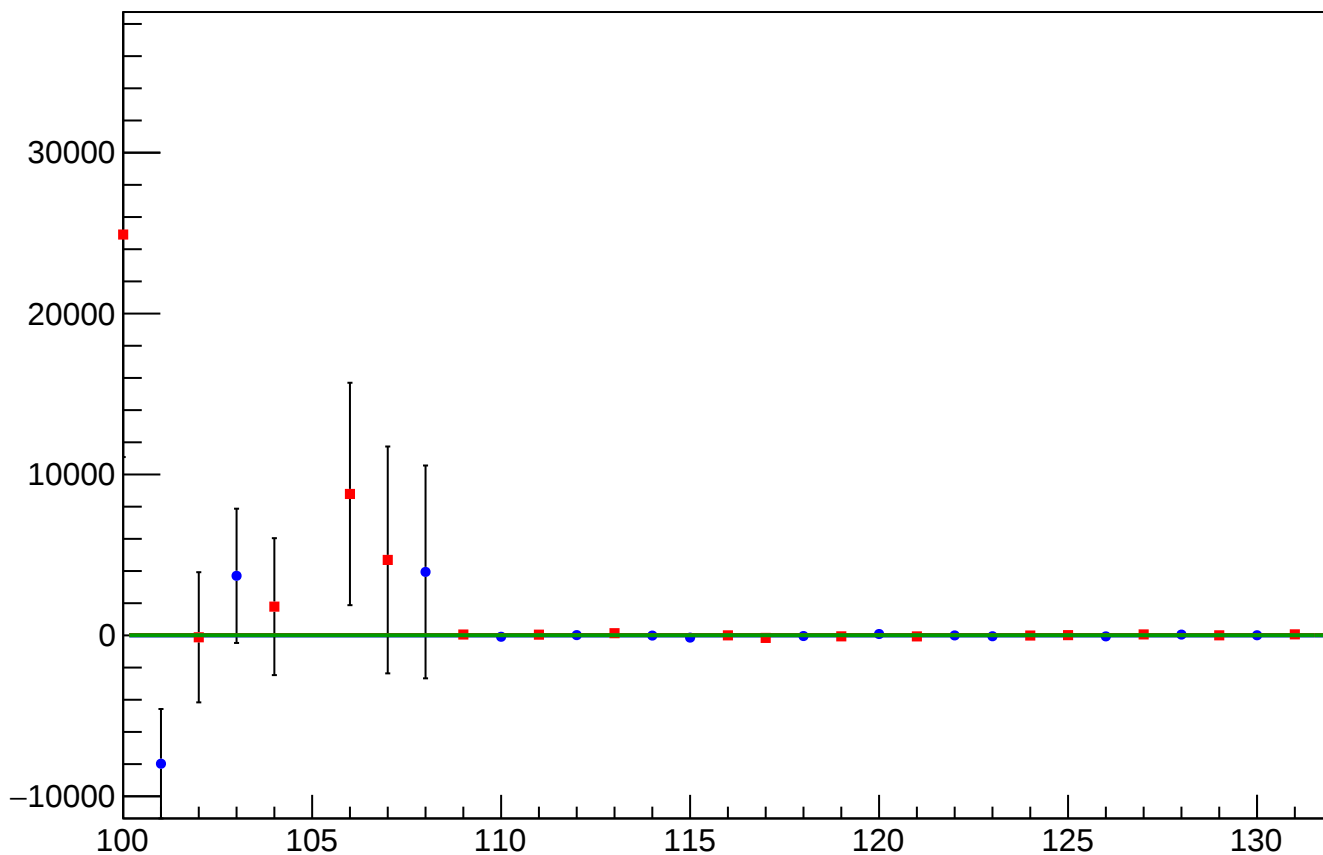
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

188.429+/-0.069 χ^2/NDF : 3479346.3/14

179.505+/-0.047 χ^2/NDF : 7532573.3/31

171.961+/-0.064 χ^2/NDF : 4022546.0/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.004+/-16.785 χ^2/NDF : 18.8/14

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

Right Out: 23.559+/-16.686 χ^2/NDF : 19.7/16

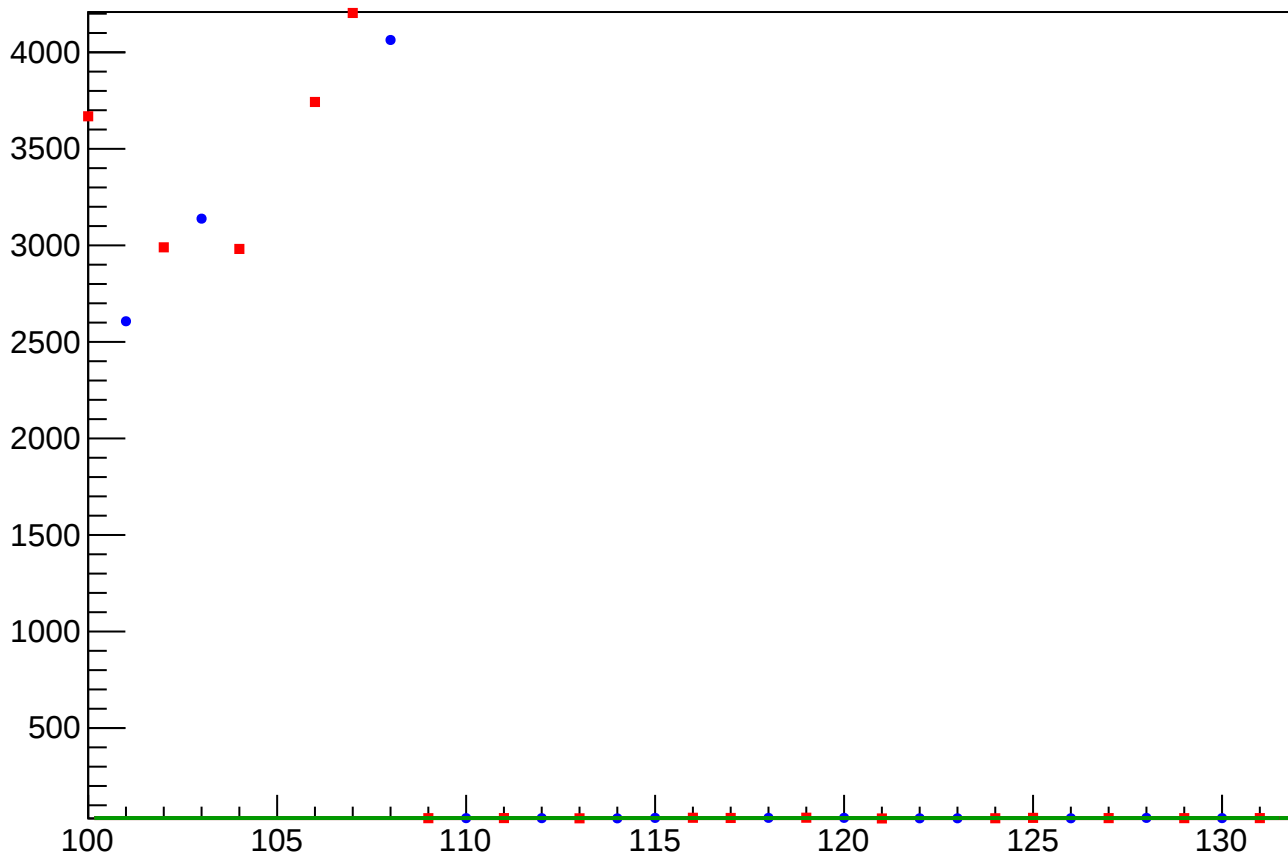
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.004+/-16.785 χ^2/NDF : 18.8/14

10.853+/-11.834 χ^2/NDF : 39.6/31

23.559+/-16.686 χ^2/NDF : 19.7/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.041+/-0.012 χ^2/NDF : 3005572.0/14

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

Right Out: 33.775+/-0.012 χ^2/NDF : 3450874.6/16

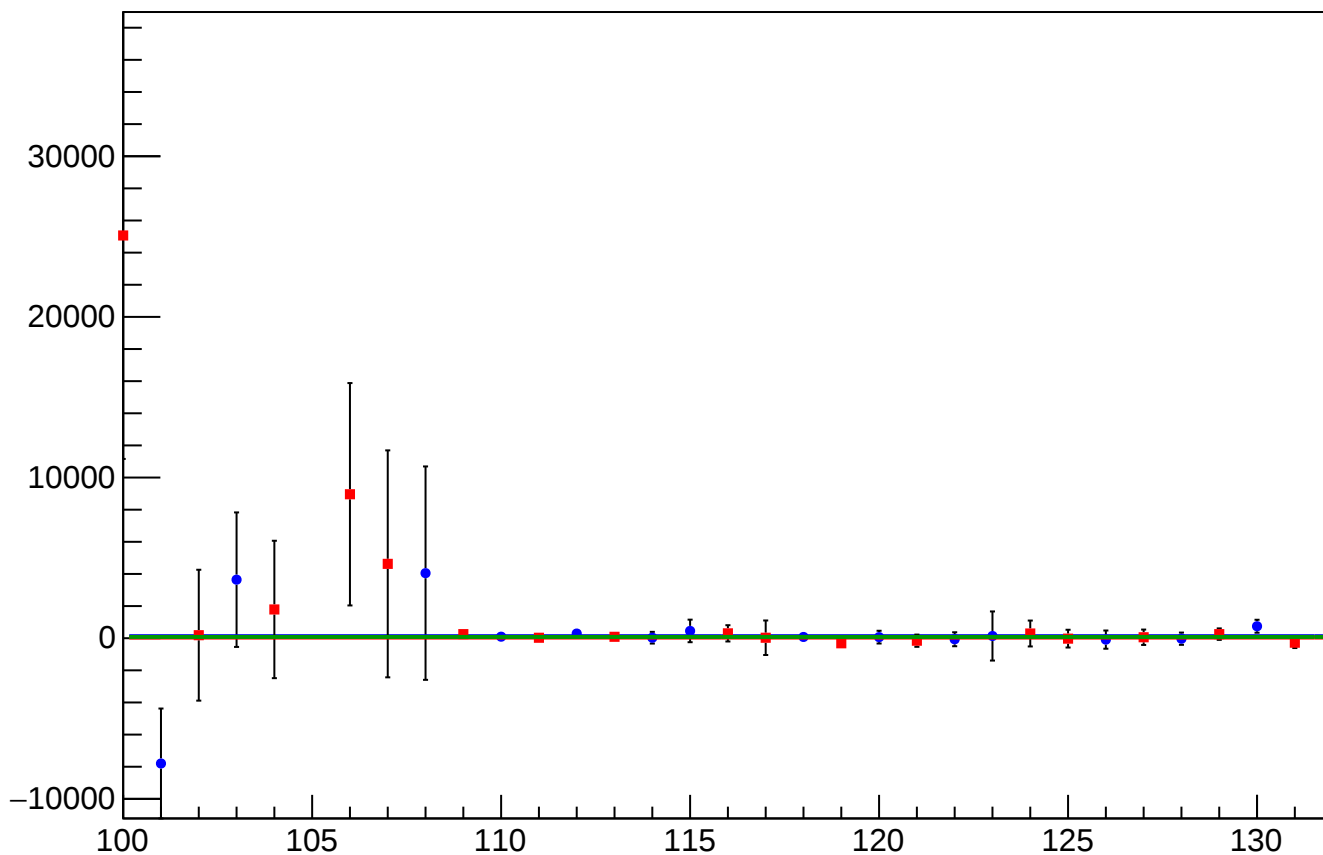
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.041+/-0.012 χ^2/NDF : 3005572.0/14

33.907+/-0.008 χ^2/NDF : 6456700.2/31

33.775+/-0.012 χ^2/NDF : 3450874.6/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 125.895+/-97.421 χ^2 /NDF: 10.8/14

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

Right Out: 40.157+/-89.525 χ^2 /NDF: 10.2/16

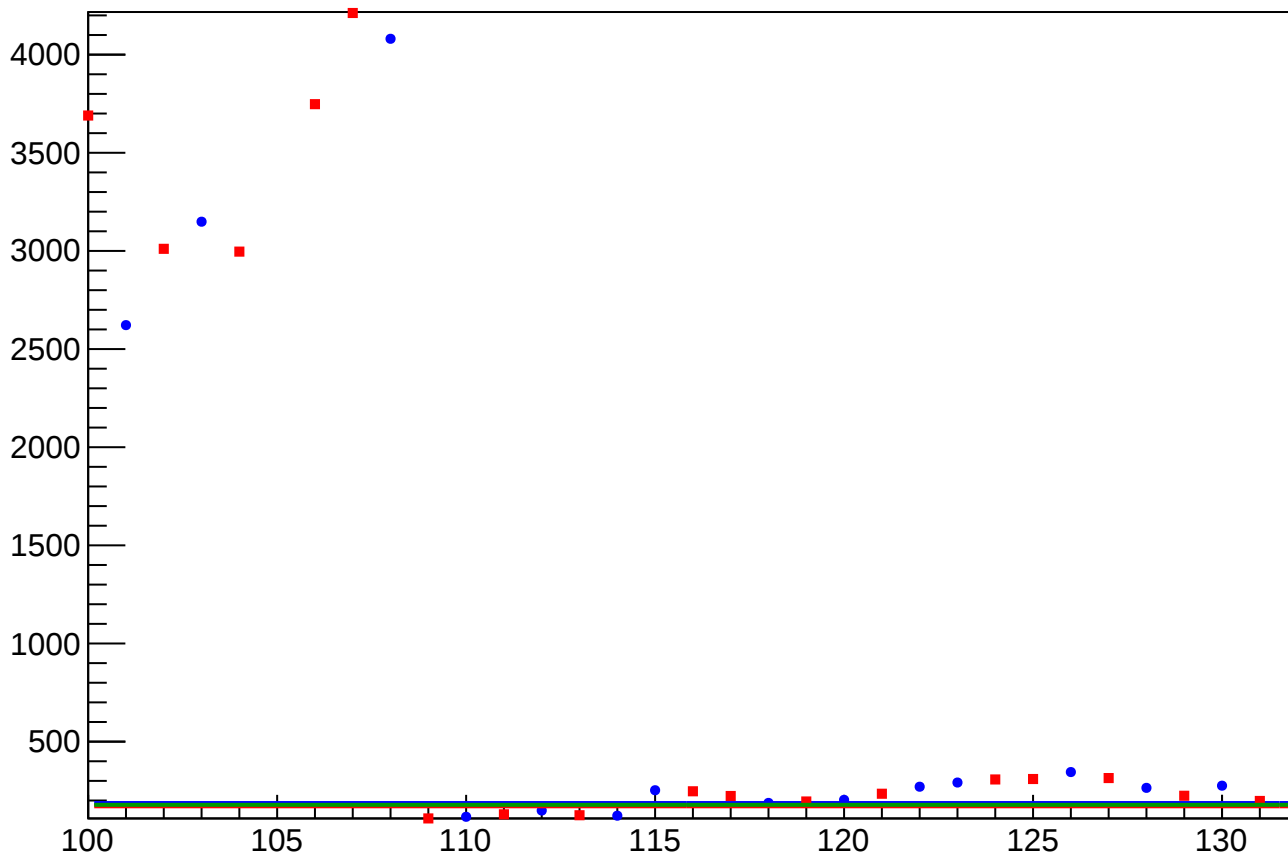
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

125.895+/-97.421 χ^2 /NDF: 10.8/14

79.411+/-65.919 χ^2 /NDF: 21.4/31

40.157+/-89.525 χ^2 /NDF: 10.2/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.118 $\pm$ 0.069 χ^2 /NDF: 3516806.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 170.524 $\pm$ 0.063 χ^2 /NDF: 4068461.7/16

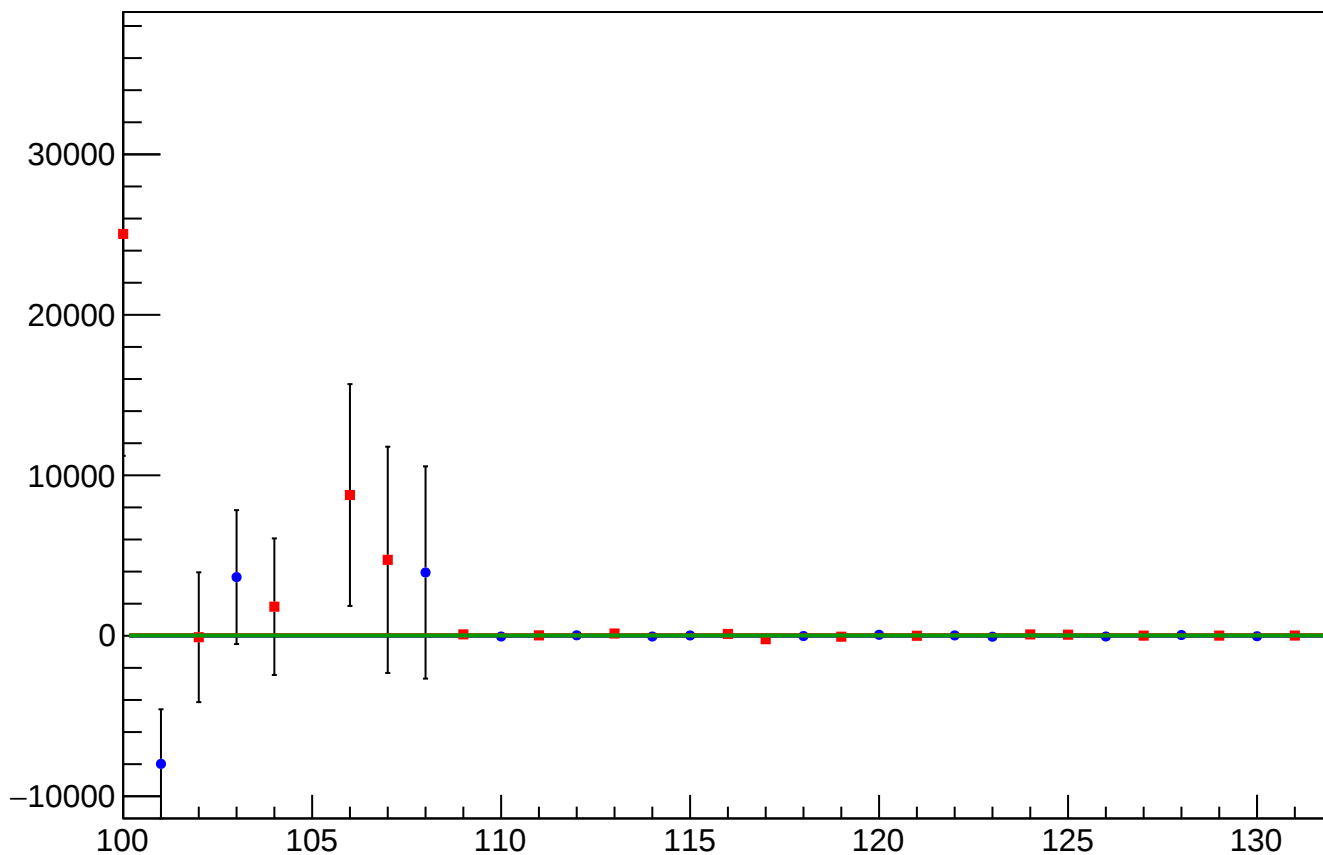
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

187.118 $\pm$ 0.069 χ^2 /NDF: 3516806.7/14

178.122 $\pm$ 0.047 χ^2 /NDF: 7616728.3/31

170.524 $\pm$ 0.063 χ^2 /NDF: 4068461.7/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.294+/-15.307 χ^2 /NDF: 12.3/14

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

Right Out: 34.530+/-15.270 χ^2 /NDF: 22.4/16

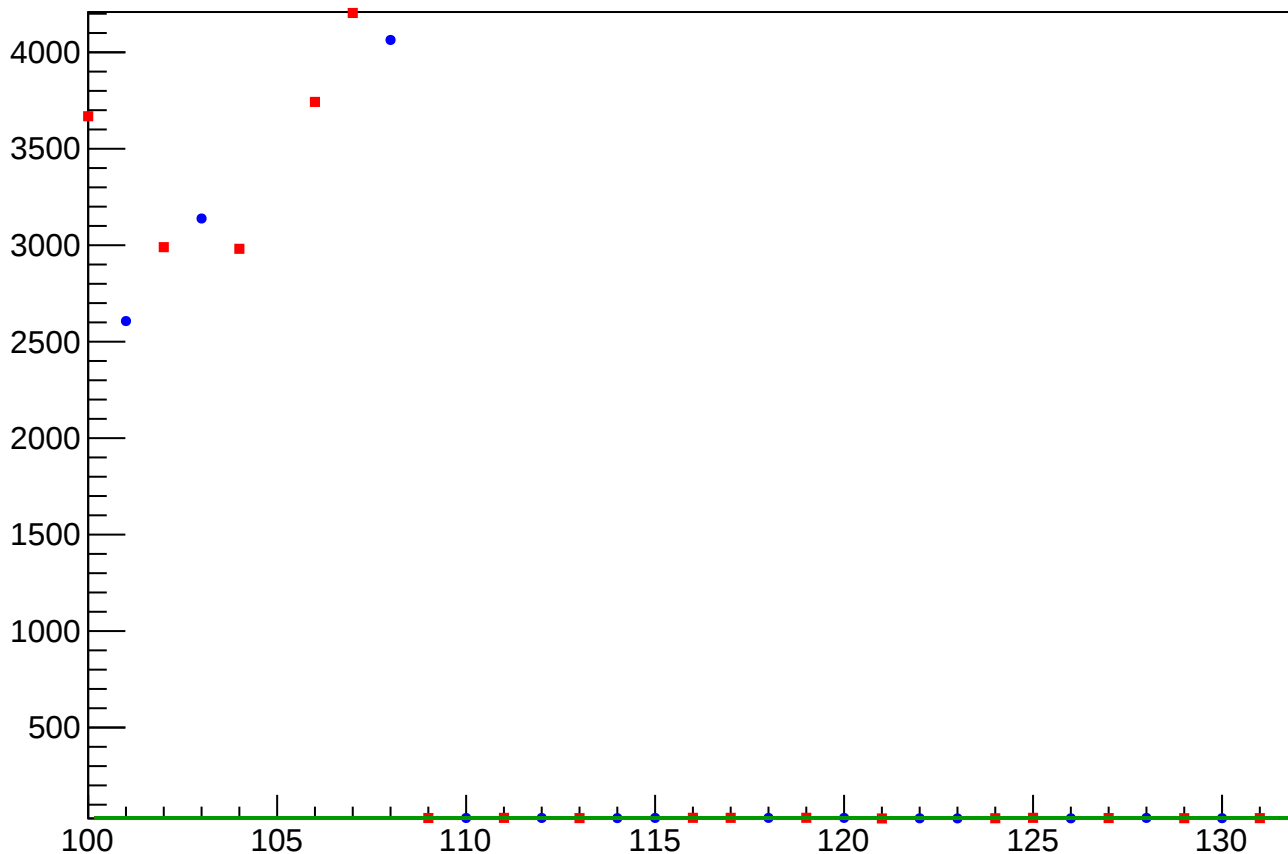
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.294+/-15.307 χ^2 /NDF: 12.3/14

18.450+/-10.810 χ^2 /NDF: 36.8/31

34.530+/-15.270 χ^2 /NDF: 22.4/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.047+/-0.011 χ^2/NDF : 3013807.2/14

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

Right Out: 30.891+/-0.011 χ^2/NDF : 3457249.7/16

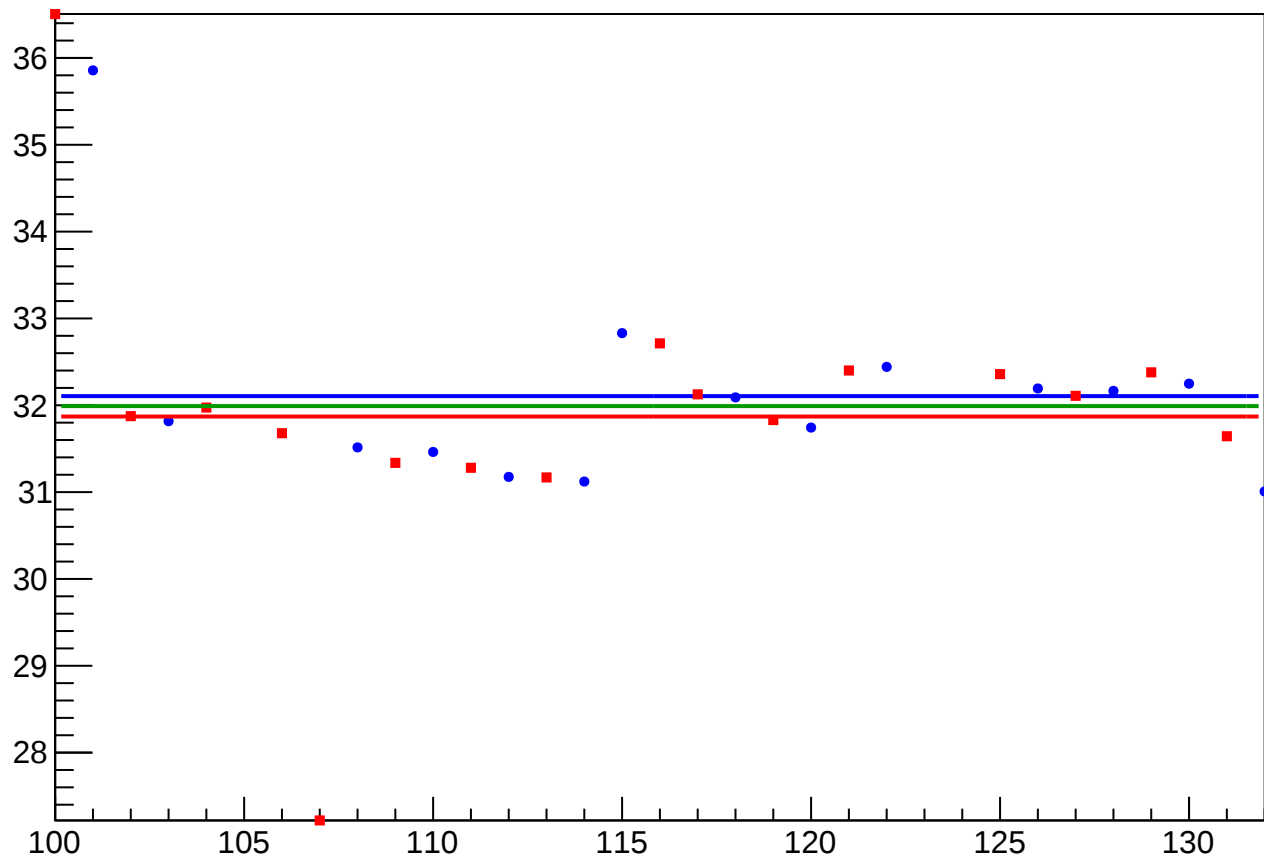
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.047+/-0.011 χ^2/NDF : 3013807.2/14

30.969+/-0.008 χ^2/NDF : 6471162.2/31

30.891+/-0.011 χ^2/NDF : 3457249.7/16

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.105+/-0.000 χ^2/NDF : 1088601433.3/13

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

Right Out: 31.871+/-0.000 χ^2/NDF : 628538862.8/15

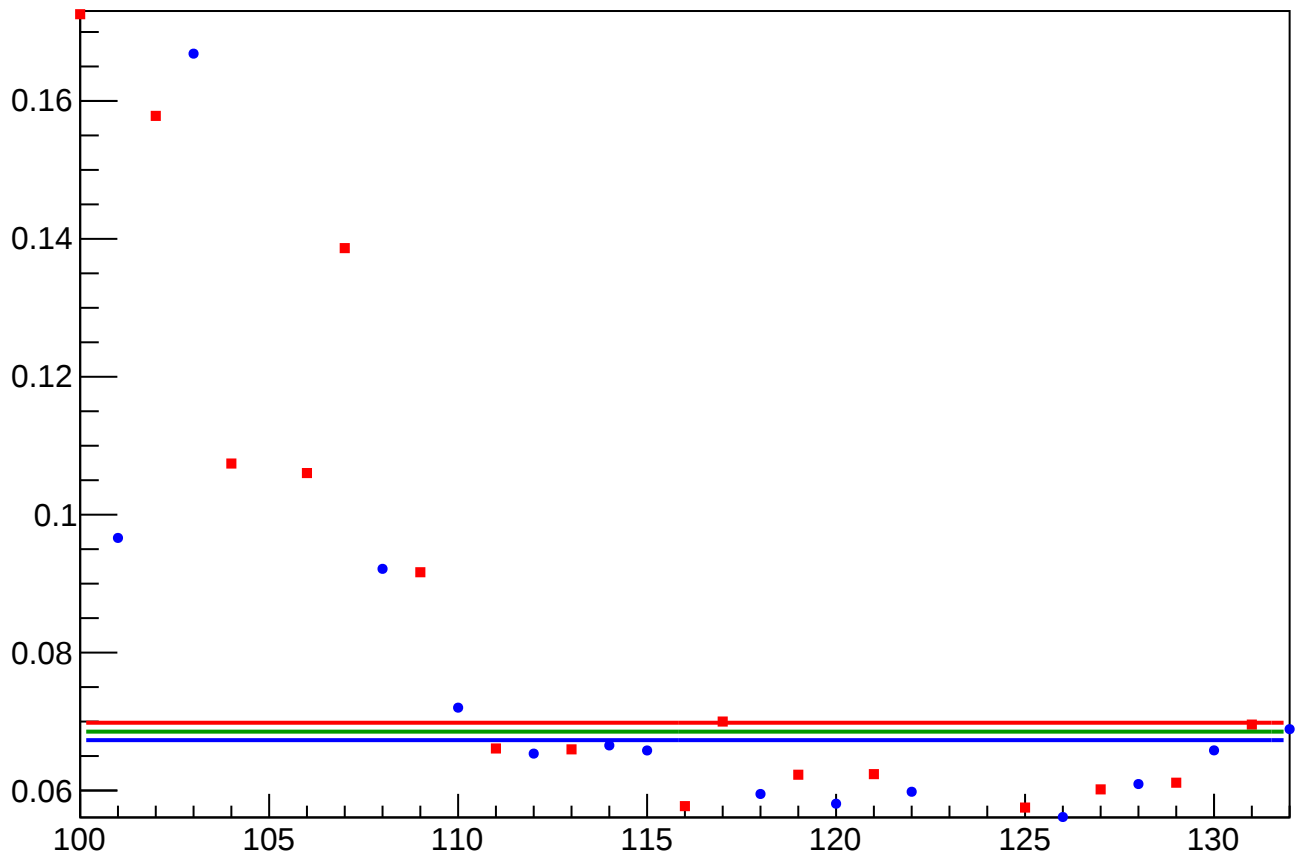
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.105+/-0.000 χ^2/NDF : 1088601433.3/13

31.991+/-0.000 χ^2/NDF : 1745860749.1/2

31.871+/-0.000 χ^2/NDF : 628538862.8/15

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.067+/-0.000 χ^2/NDF : 617436.5/13

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

Right Out: 0.070+/-0.000 χ^2/NDF : 837240.1/15

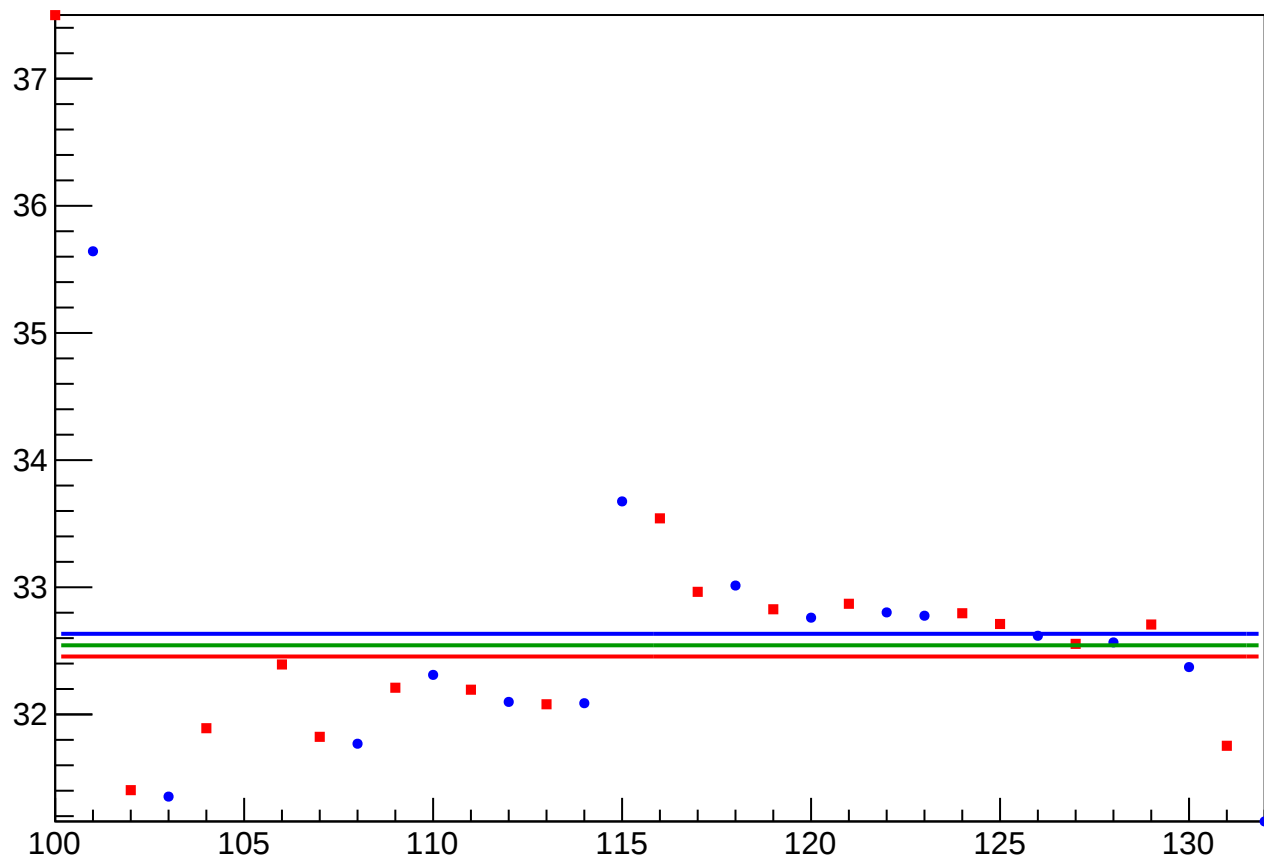
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.067+/-0.000 χ^2/NDF : 617436.5/13

0.069+/-0.000 χ^2/NDF : 1461319.7/29

0.070+/-0.000 χ^2/NDF : 837240.1/15

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.634+/-0.000 χ^2/NDF : 568064373.4/14

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

Right Out: 32.456+/-0.000 χ^2/NDF : 184739317.7/16

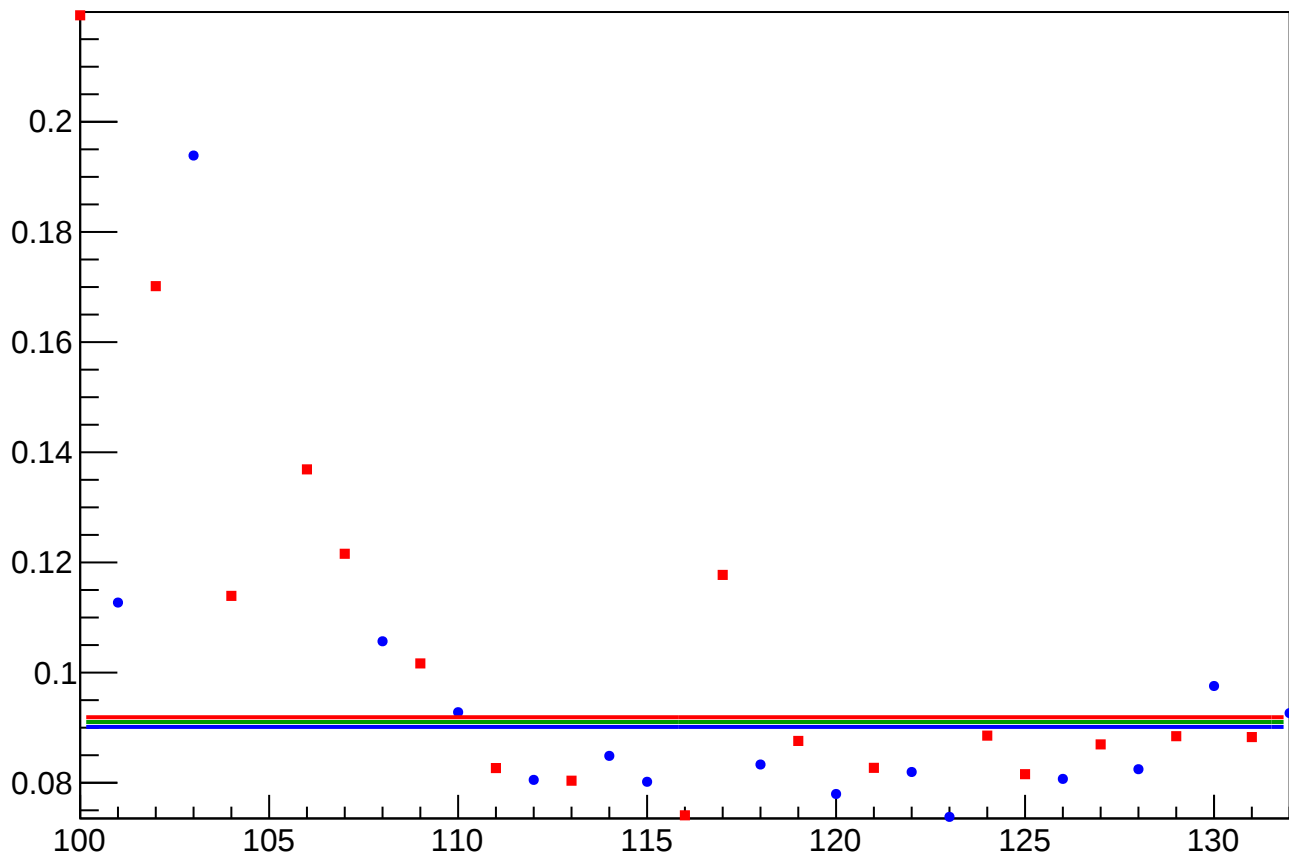
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.634+/-0.000 χ^2/NDF : 568064373.4/14

32.544+/-0.000 χ^2/NDF : 762514278.0/31

32.456+/-0.000 χ^2/NDF : 184739317.7/16

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.000 χ^2 /NDF: 439747.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.092 $\pm$ 0.000 χ^2 /NDF: 466171.4/16

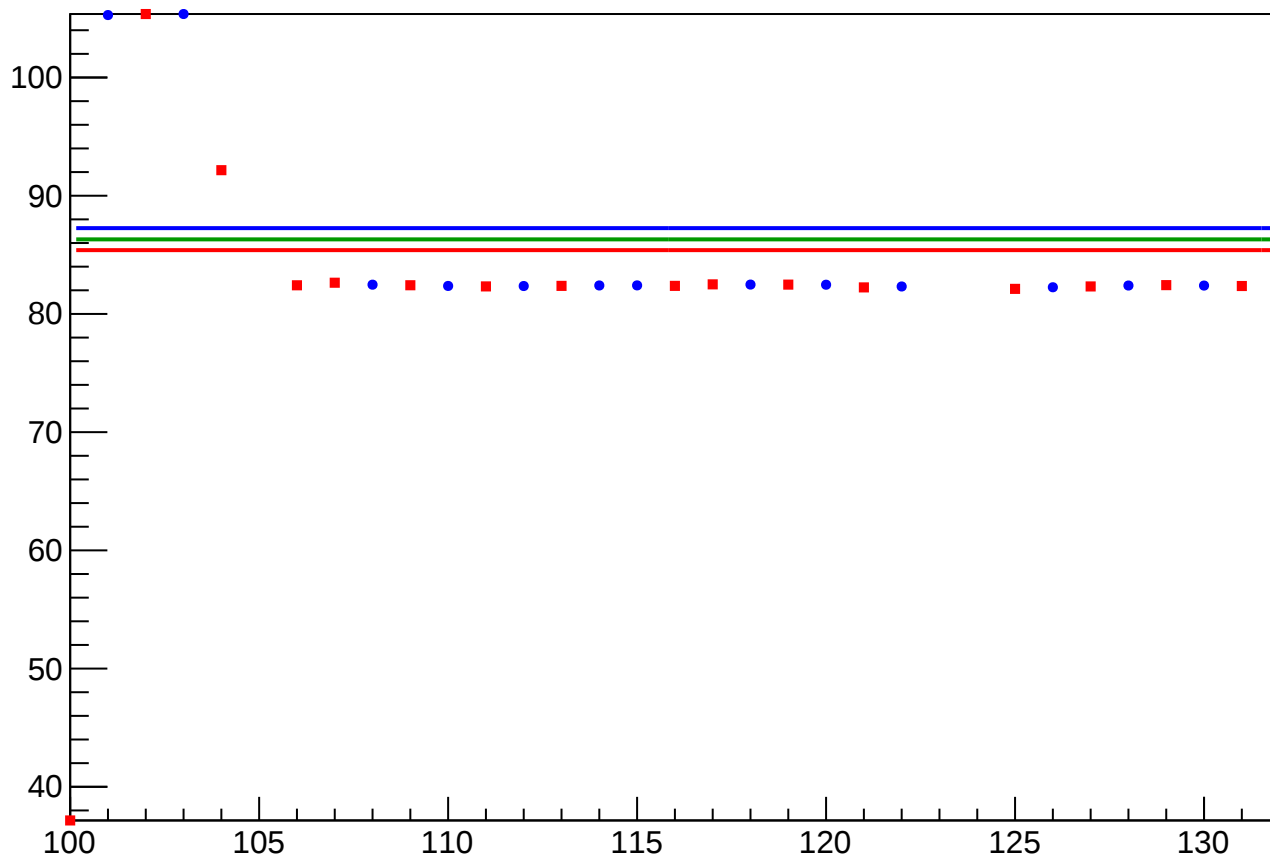
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.090 $\pm$ 0.000 χ^2 /NDF: 439747.2/14

0.091 $\pm$ 0.000 χ^2 /NDF: 907806.7/31

0.092 $\pm$ 0.000 χ^2 /NDF: 466171.4/16

yield_dsl_mean vs Slug, Sign Corrected



Right In: 87.259+/-0.000 χ^2/NDF : 278546951763.2/13

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

Right Out: 85.397+/-0.000 χ^2/NDF : 167233585754.1/15

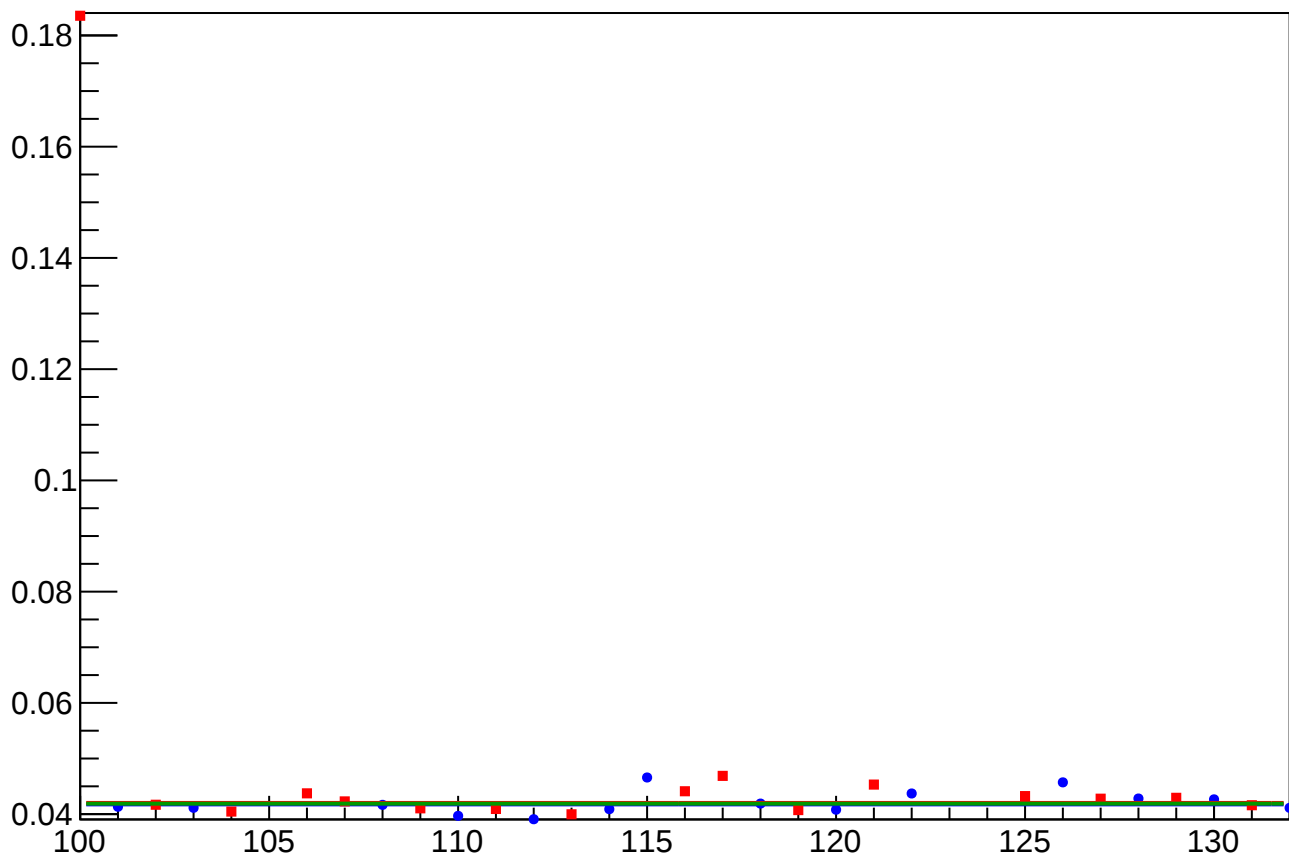
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

87.259+/-0.000 χ^2/NDF : 278546951763.2/13

86.308+/-0.000 χ^2/NDF : 451394534224.7

85.397+/-0.000 χ^2/NDF : 167233585754.1/15

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 18672.3/13

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

Right Out: 0.042+/-0.000 χ^2/NDF : 97218.3/15

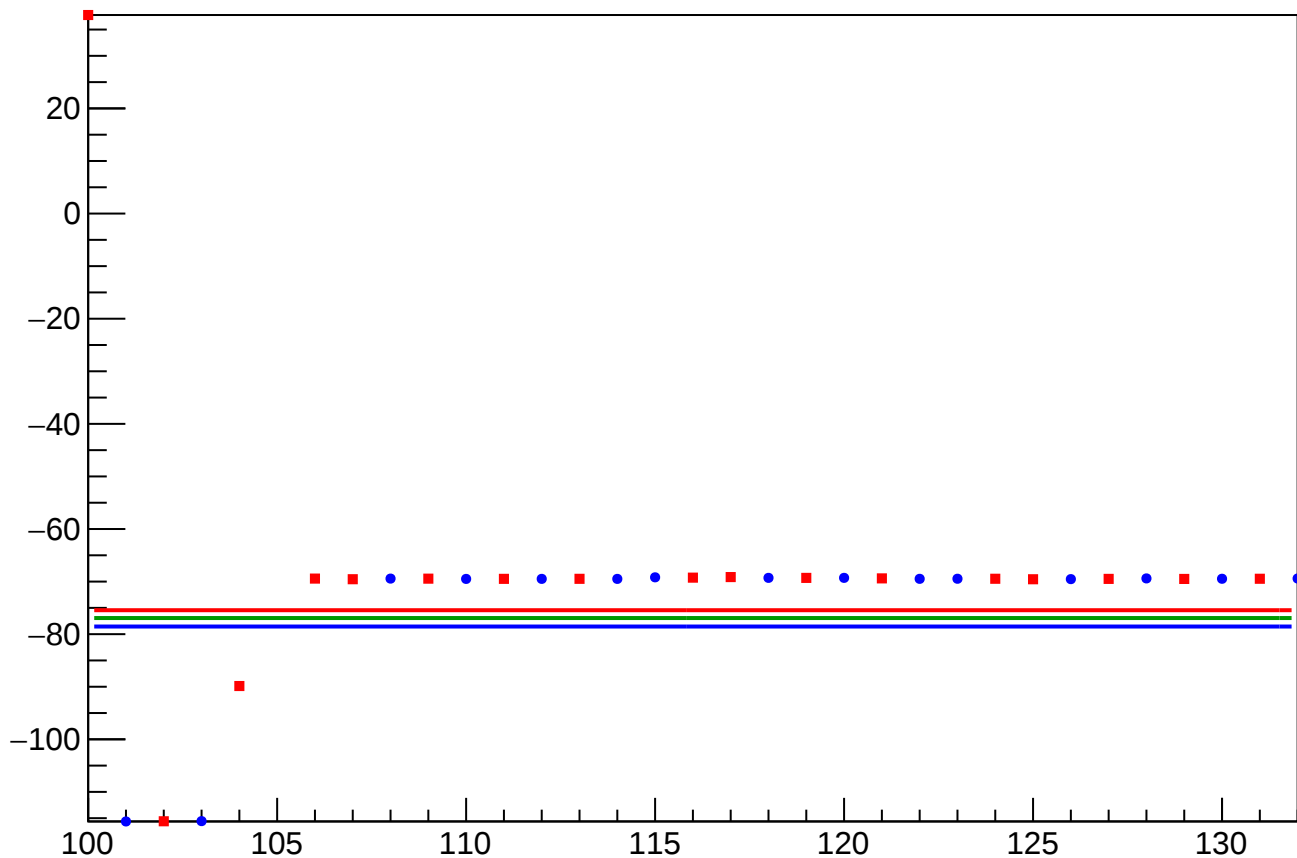
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.042+/-0.000 χ^2/NDF : 18672.3/13

0.042+/-0.000 χ^2/NDF : 116107.5/29

0.042+/-0.000 χ^2/NDF : 97218.3/15

yield_dsr_mean vs Slug, Sign Corrected



Right In: -78.547+/-0.000 χ^2/NDF : 543622482356.8/14

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

Right Out: -75.444+/-0.000 χ^2/NDF : 362374312831.5/16

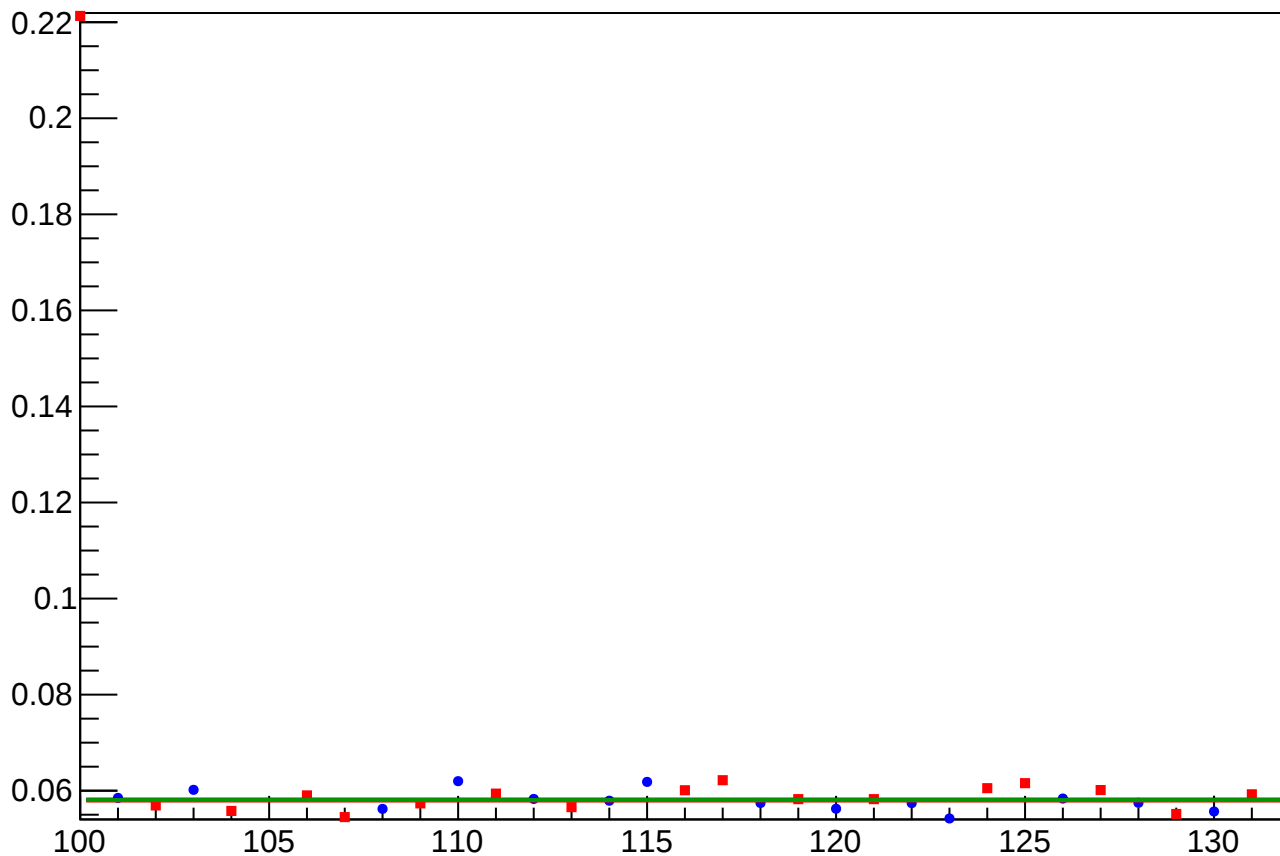
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-78.547+/-0.000 χ^2/NDF : 543622482356.8/14

-76.933+/-0.000 χ^2/NDF : 914050568326.8/14

-75.444+/-0.000 χ^2/NDF : 362374312831.5/16

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 10124.6/14

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

Right Out: 0.058+/-0.000 χ^2/NDF : 86692.4/16

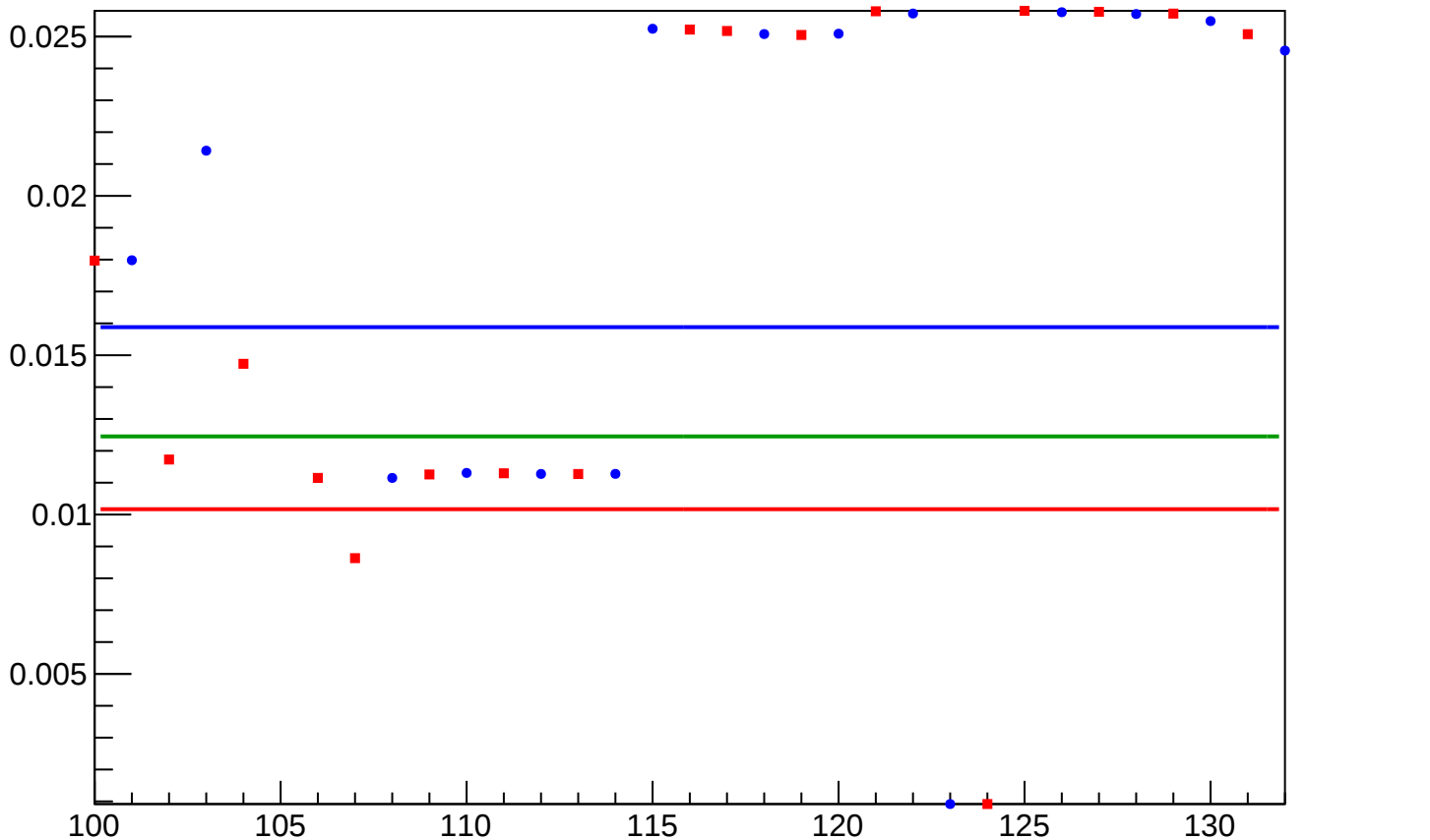
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 10124.6/14

0.058+/-0.000 χ^2/NDF : 96876.8/31

0.058+/-0.000 χ^2/NDF : 86692.4/16

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 113937194395.9/14

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

0.016+/-0.000 χ^2/NDF : 113937194395.9/14

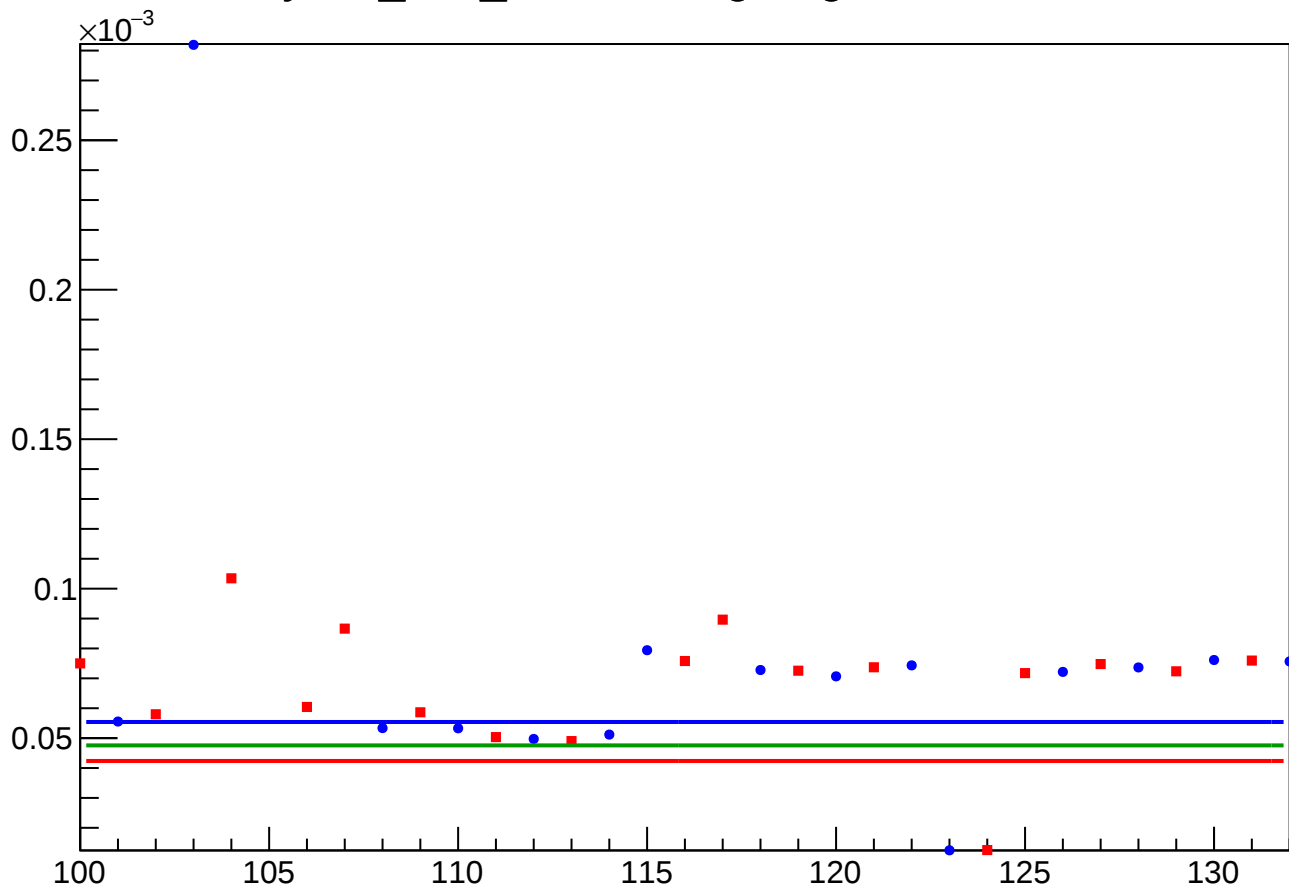
0.012+/-0.000 χ^2/NDF : 341809460854.3/14

Right Out: 0.010+/-0.000 χ^2/NDF : 199208257047.3/16

0.010+/-0.000 χ^2/NDF : 199208257047.3/16

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

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1929266.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3269503.4/16

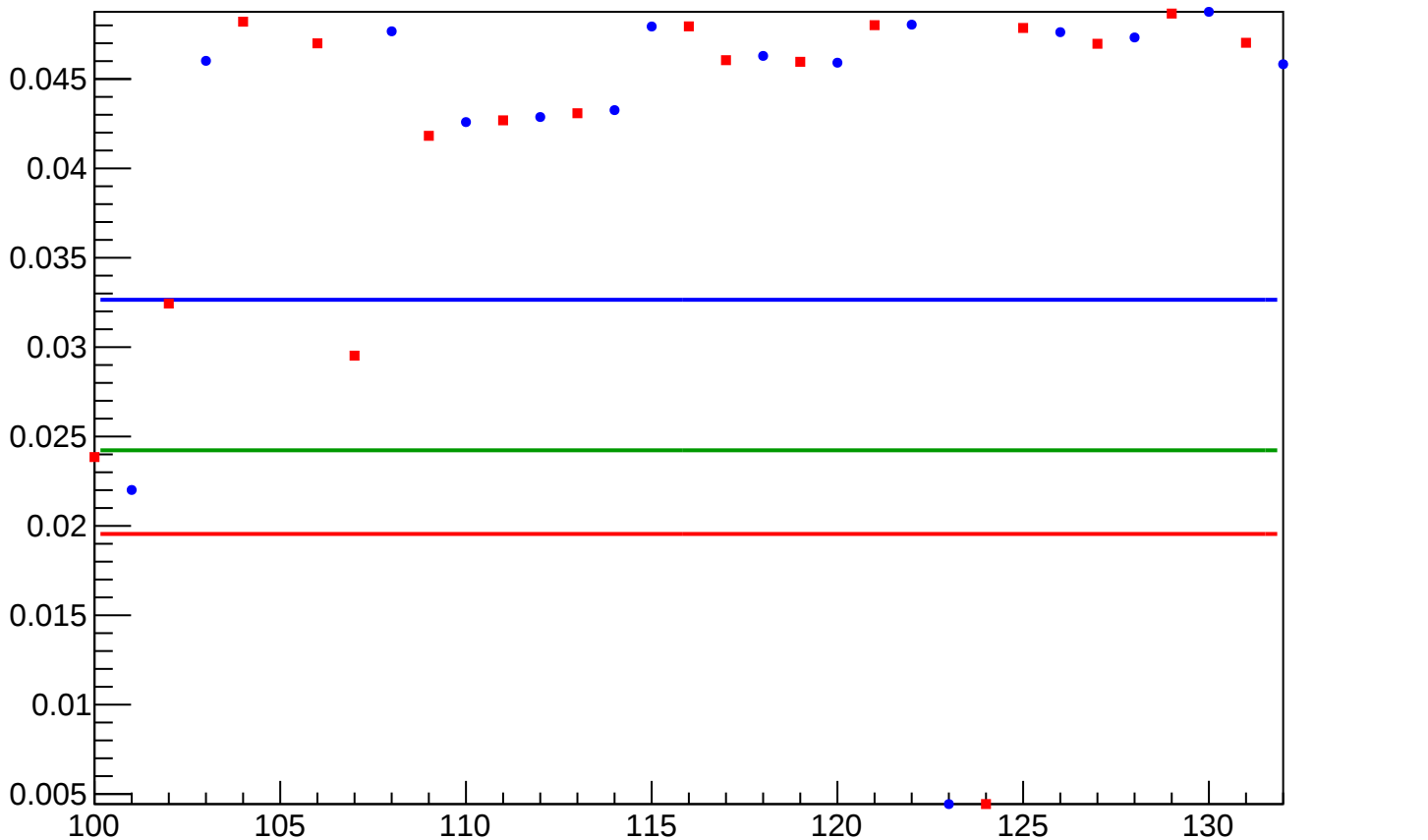
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1929266.1/14

0.000+/-0.000 χ^2/NDF : 5497503.5/31

0.000+/-0.000 χ^2/NDF : 3269503.4/16

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 20108673802.5/14

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

Right Out: 0.020+/-0.000 χ^2/NDF : 39890751276.2/16

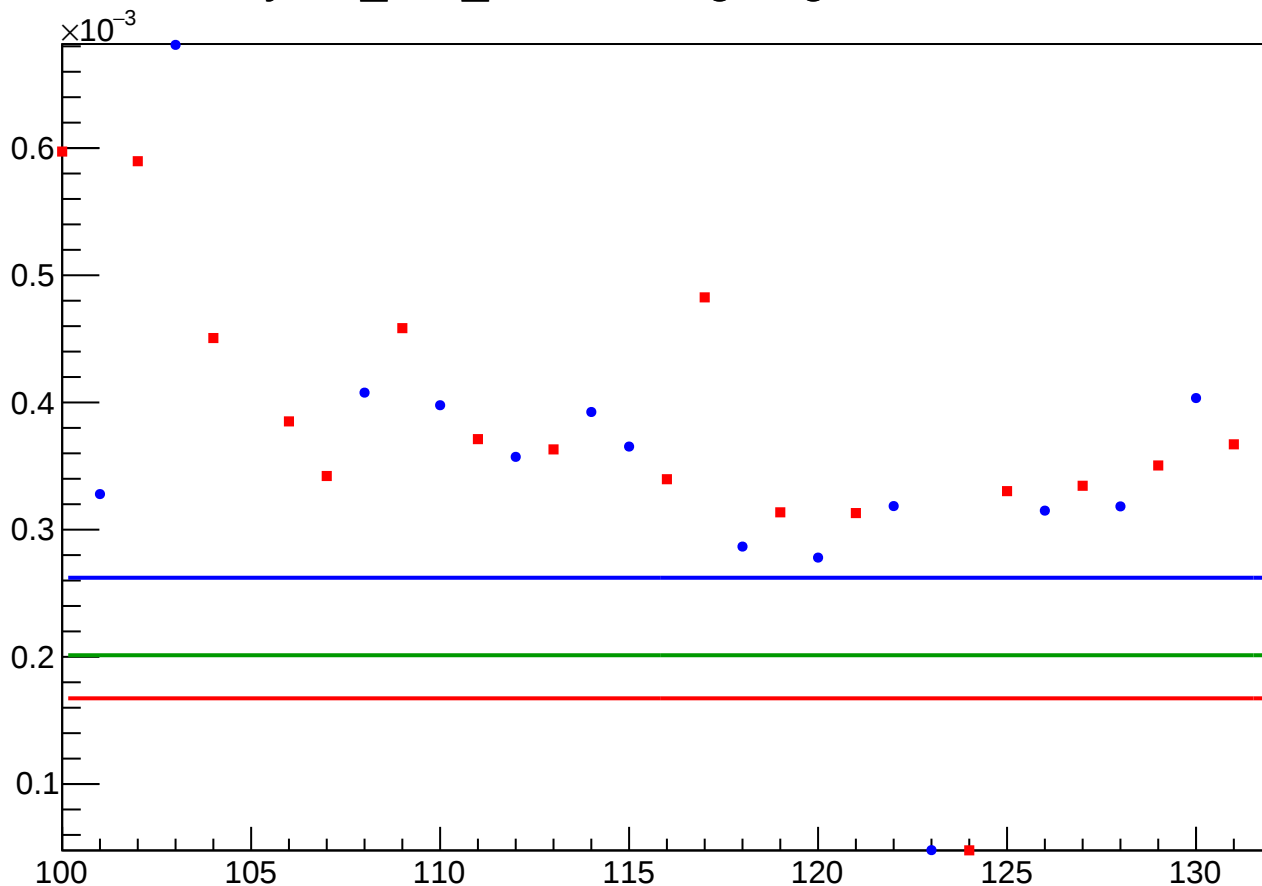
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 20108673802.5/14

0.024+/-0.000 χ^2/NDF : 66298886075.9/3

0.020+/-0.000 χ^2/NDF : 39890751276.2/16

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2398148.3/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5146313.2/16

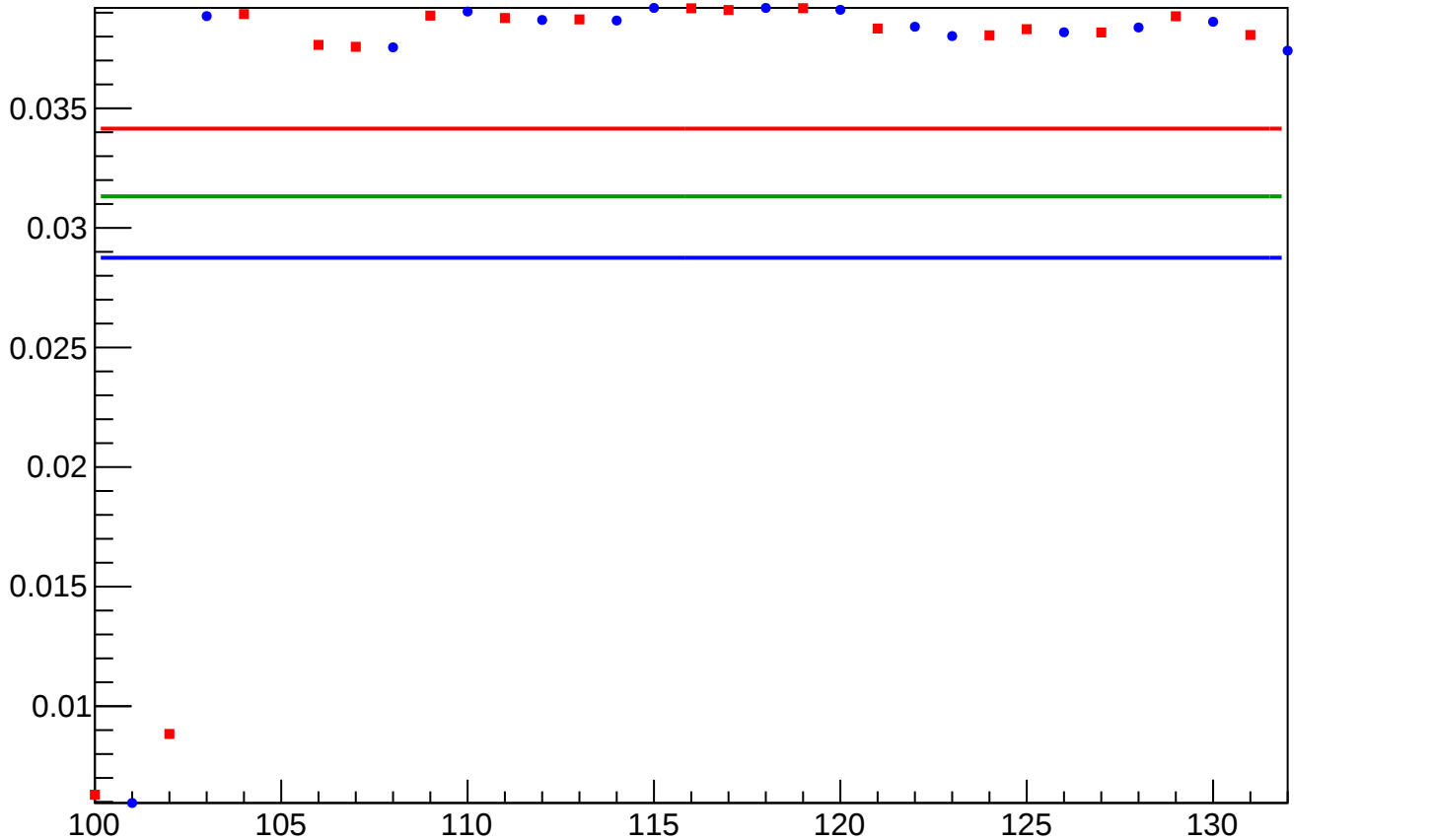
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2398148.3/14

0.000+/-0.000 χ^2/NDF : 8204265.8/31

0.000+/-0.000 χ^2/NDF : 5146313.2/16

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 93107110103.9/14

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

Right Out: 0.034+/-0.000 χ^2/NDF : 43083322078.1/16

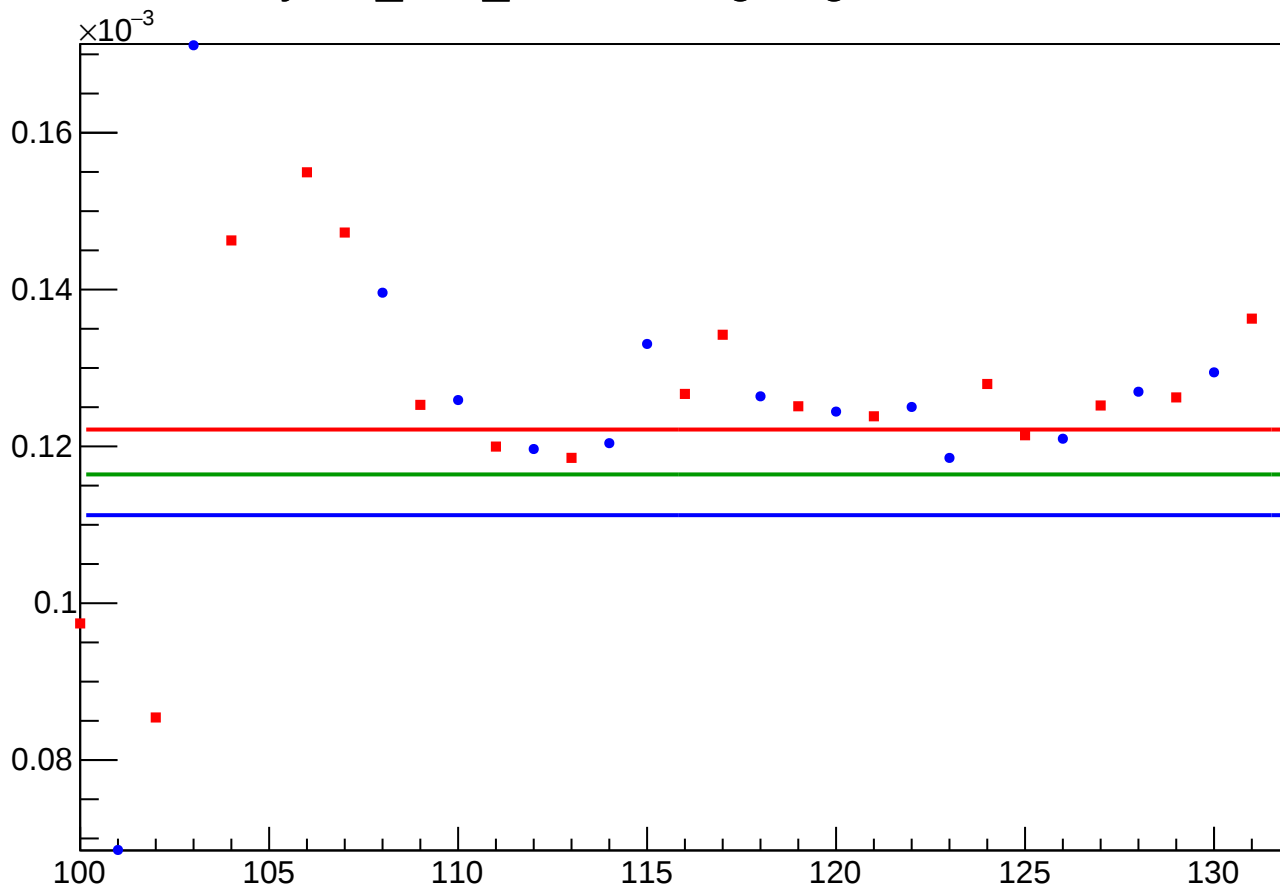
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 93107110103.9/14

0.031+/-0.000 χ^2/NDF : 141974625479.1/16

0.034+/-0.000 χ^2/NDF : 43083322078.1/16

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 739732.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 223802.2/16

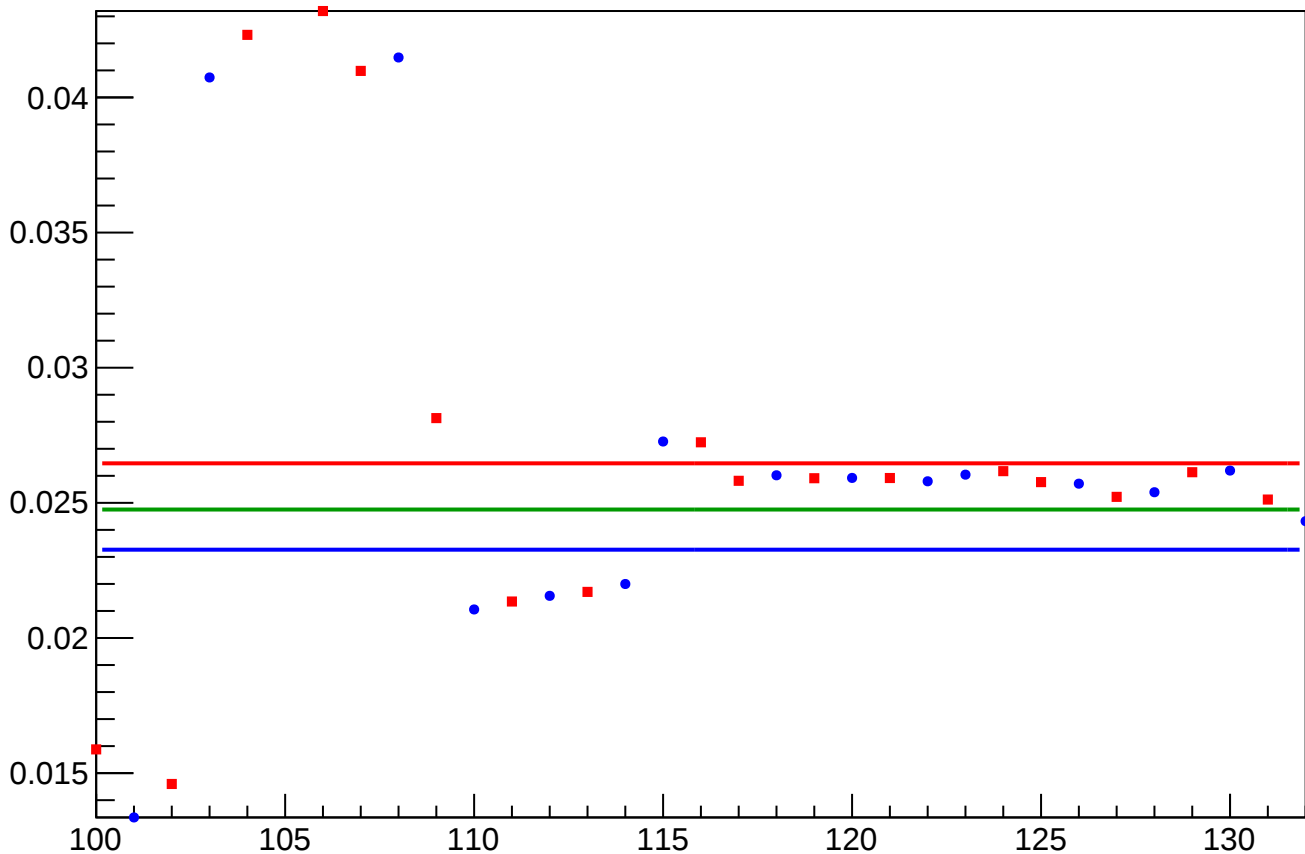
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.000 ± 0.000 χ^2/NDF : 739732.2/14

0.000 ± 0.000 χ^2/NDF : 1010862.8/31

0.000 ± 0.000 χ^2/NDF : 223802.2/16

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 3412529810.4/14

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

Right Out: 0.026+/-0.000 χ^2/NDF : 2908468603.4/16

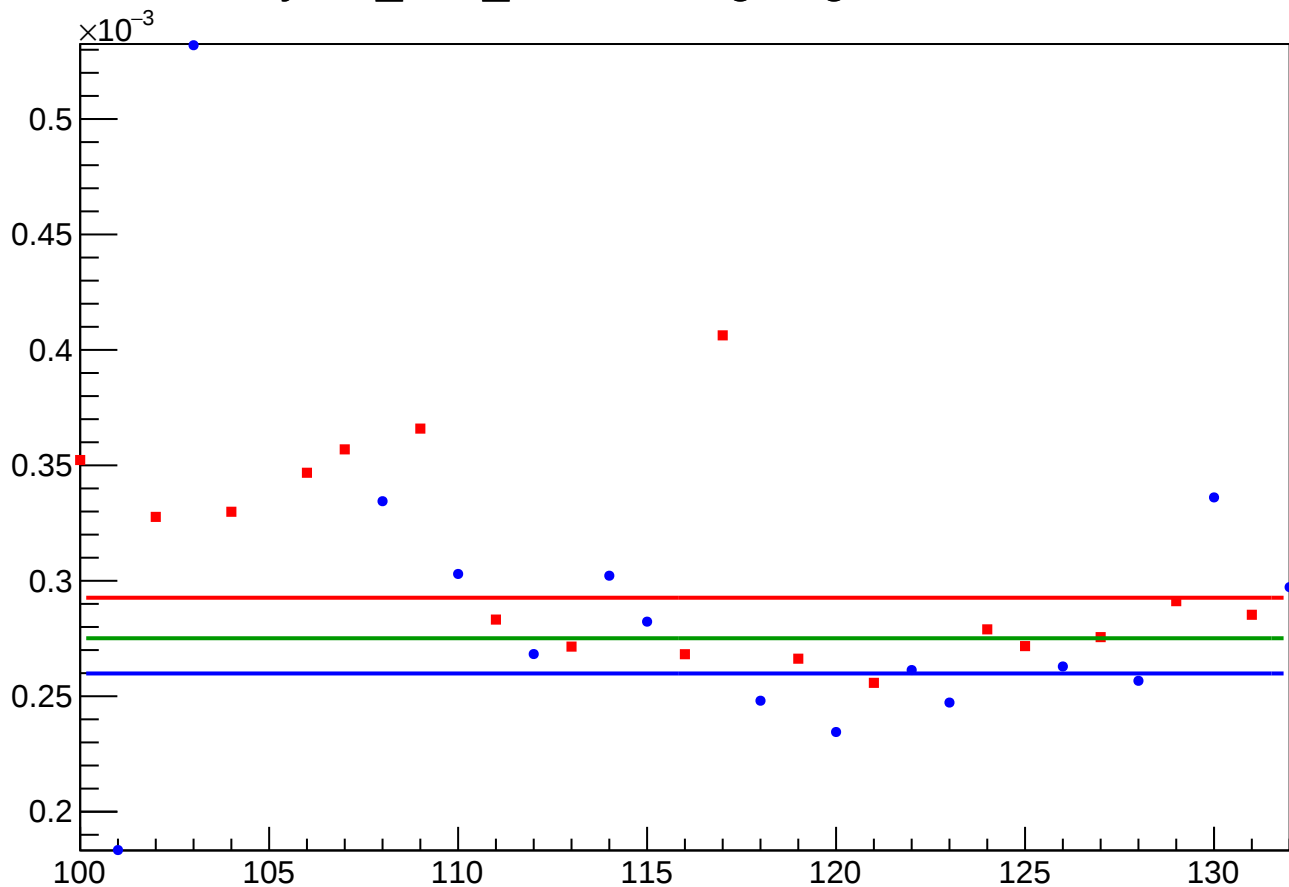
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 3412529810.4/14

0.025+/-0.000 χ^2/NDF : 6660365270.5/31

0.026+/-0.000 χ^2/NDF : 2908468603.4/16

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 579816.8/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 138981.8/16

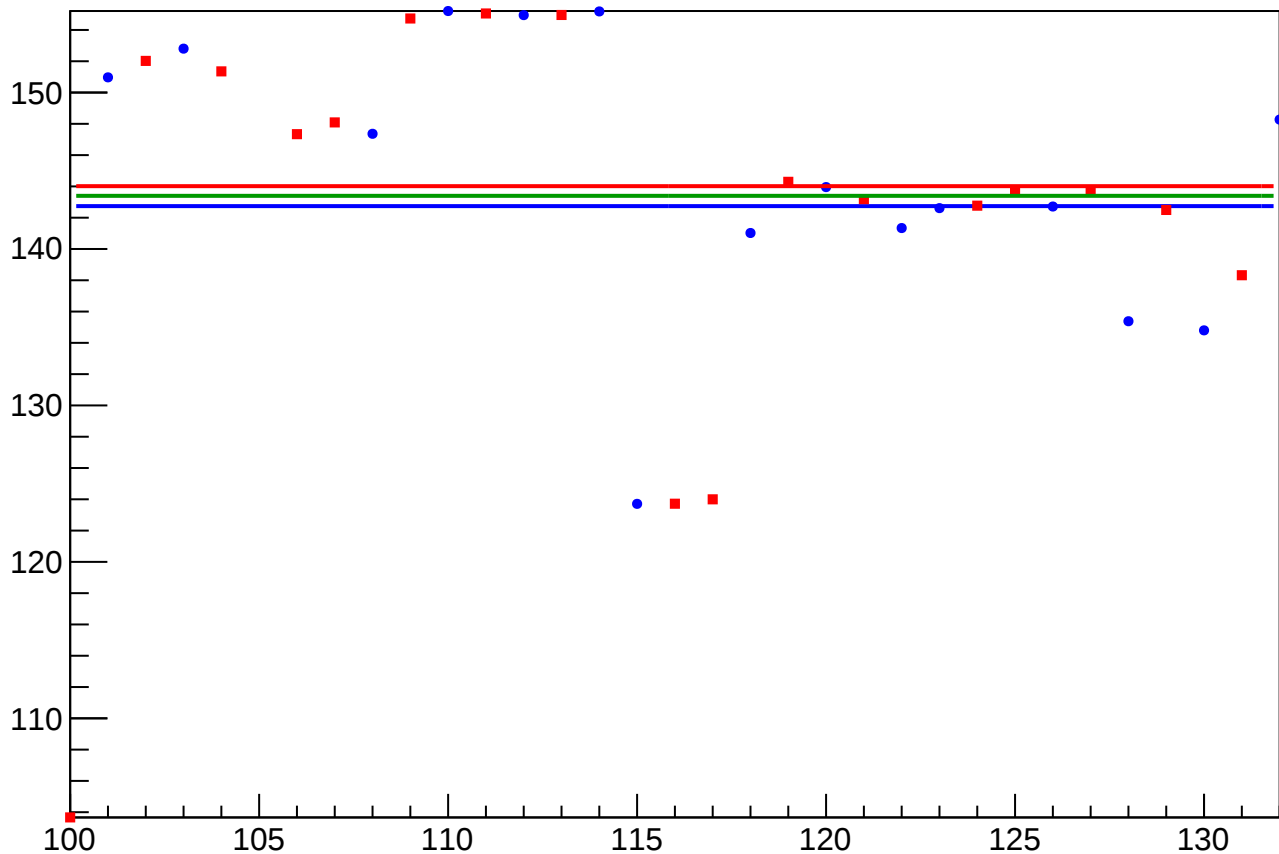
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 579816.8/14

0.000+/-0.000 χ^2/NDF : 790355.4/31

0.000+/-0.000 χ^2/NDF : 138981.8/16

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 142.740+/-0.000 χ^2/NDF : 3229126826.1/14

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

Right Out: 144.016+/-0.000 χ^2/NDF : 4420732577.1/16

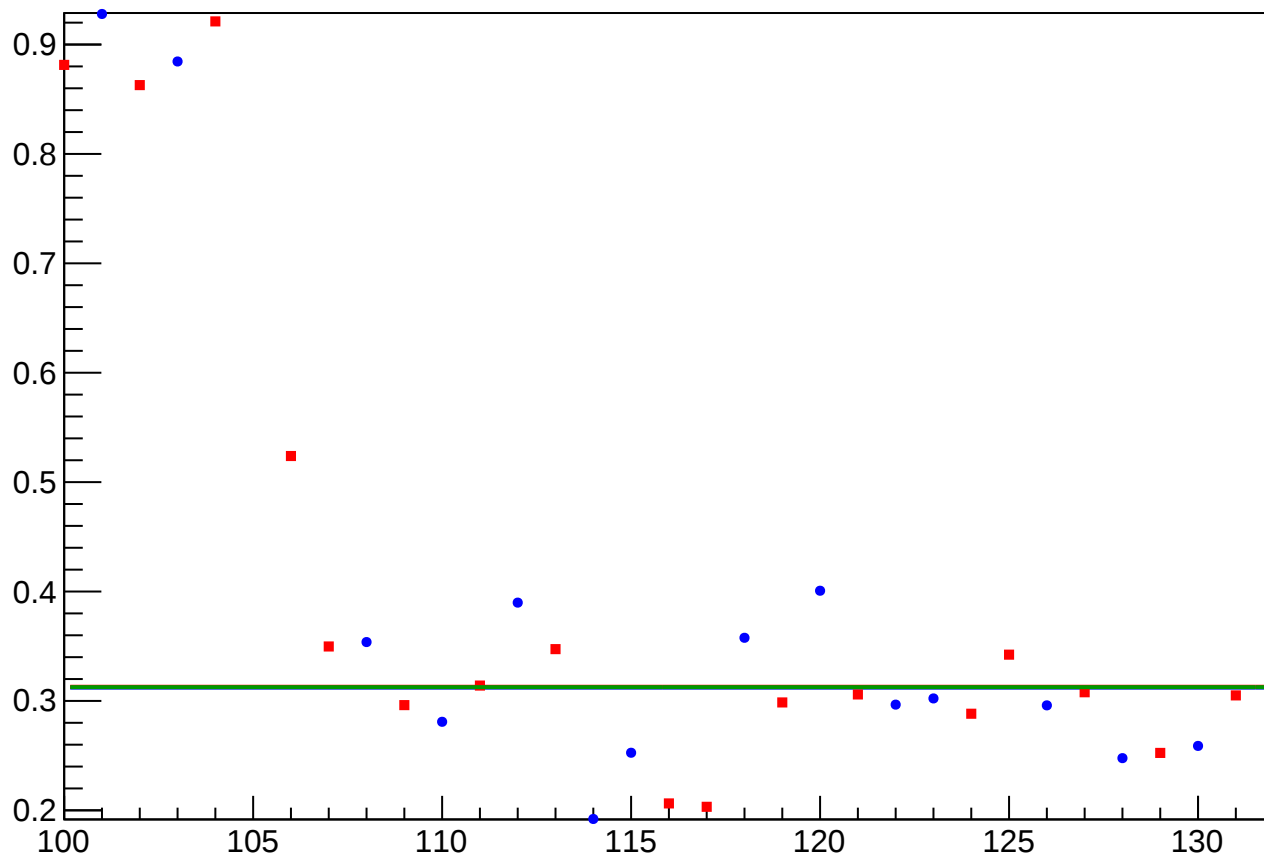
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.740+/-0.000 χ^2/NDF : 3229126826.1/14

143.398+/-0.000 χ^2/NDF : 7689026353.6/14

144.016+/-0.000 χ^2/NDF : 4420732577.1/16

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.312+/-0.000 χ^2/NDF : 1253298.4/14

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

Right Out: 0.313+/-0.000 χ^2/NDF : 1192546.6/16

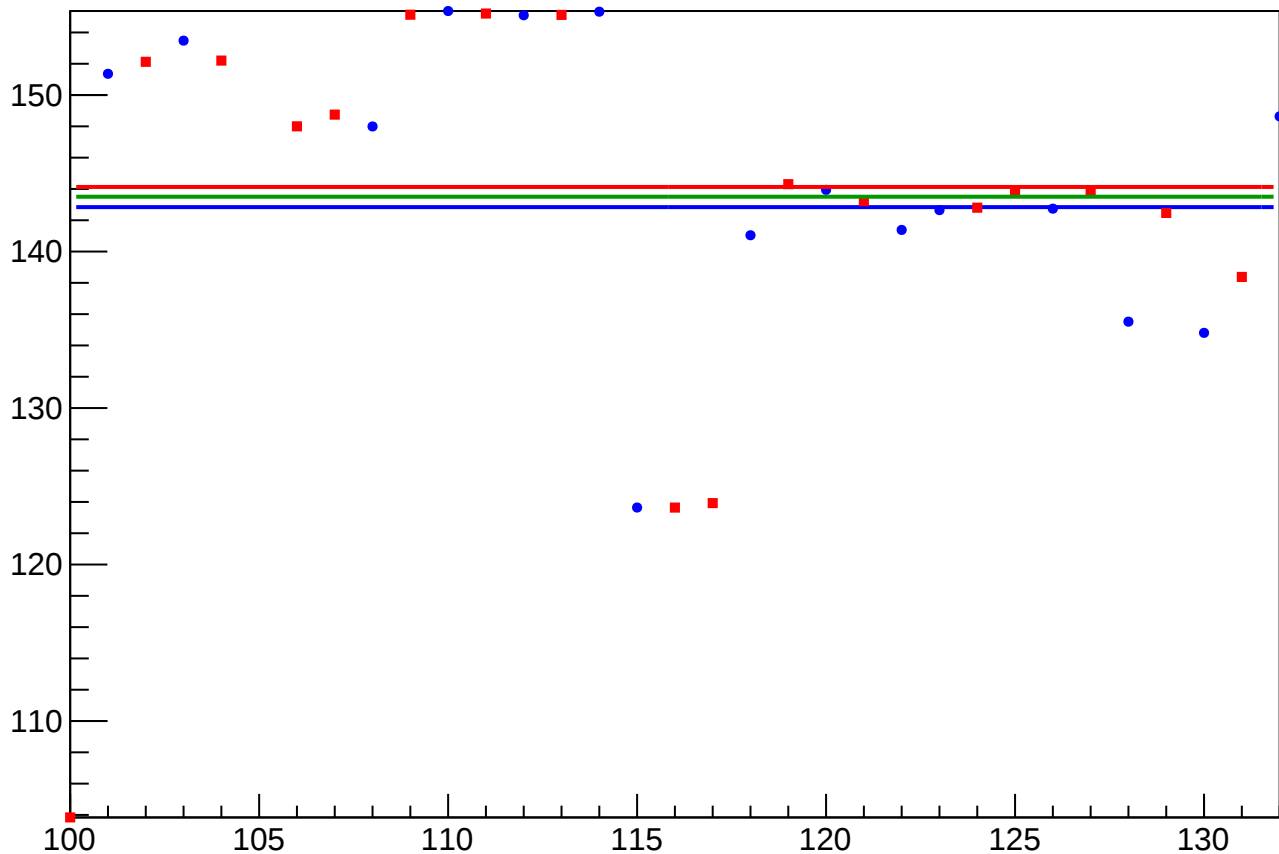
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.312+/-0.000 χ^2/NDF : 1253298.4/14

0.313+/-0.000 χ^2/NDF : 2445872.7/31

0.313+/-0.000 χ^2/NDF : 1192546.6/16

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 142.840+/-0.000 χ^2/NDF : 3253317495.9/14

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

Right Out: 144.128+/-0.000 χ^2/NDF : 4443053306.4/16

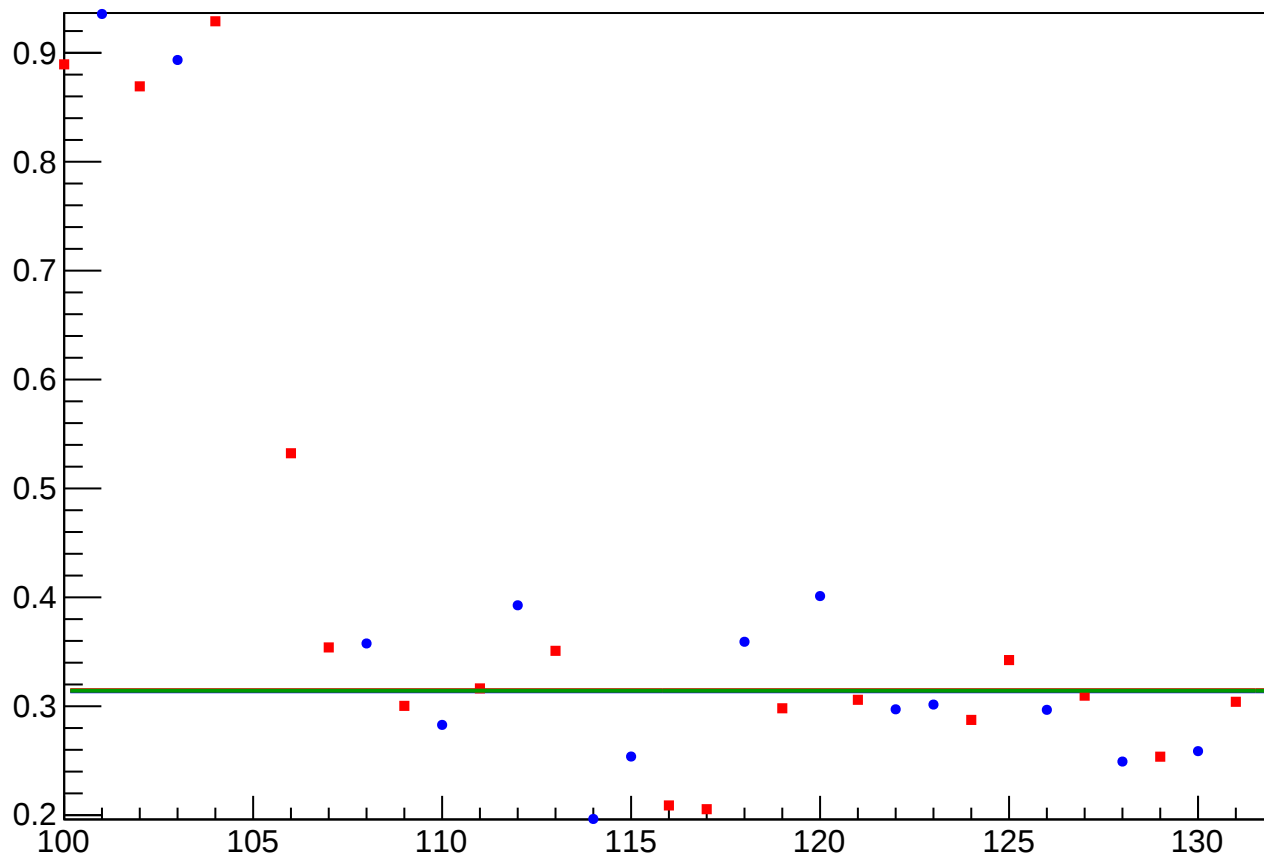
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.840+/-0.000 χ^2/NDF : 3253317495.9/14

143.503+/-0.000 χ^2/NDF : 7735902604.2/14

144.128+/-0.000 χ^2/NDF : 4443053306.4/16

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1254782.8/14

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

Right Out: 0.315+/-0.000 χ^2/NDF : 1194725.5/16

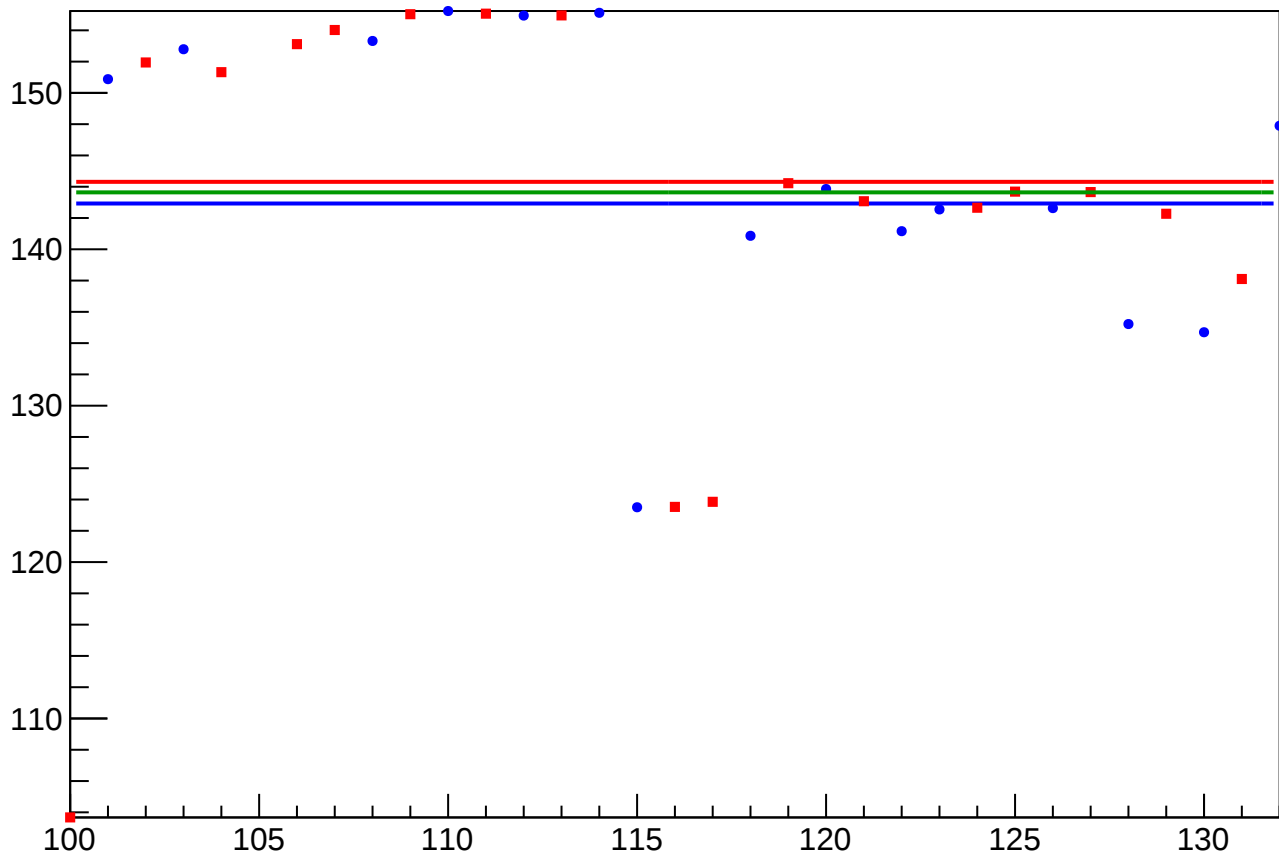
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1254782.8/14

0.314+/-0.000 χ^2/NDF : 2449553.4/31

0.315+/-0.000 χ^2/NDF : 1194725.5/16

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.927+/-0.000 χ^2/NDF : 3482220541.5/14

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

Right Out: 144.313+/-0.000 χ^2/NDF : 4726977356.0/16

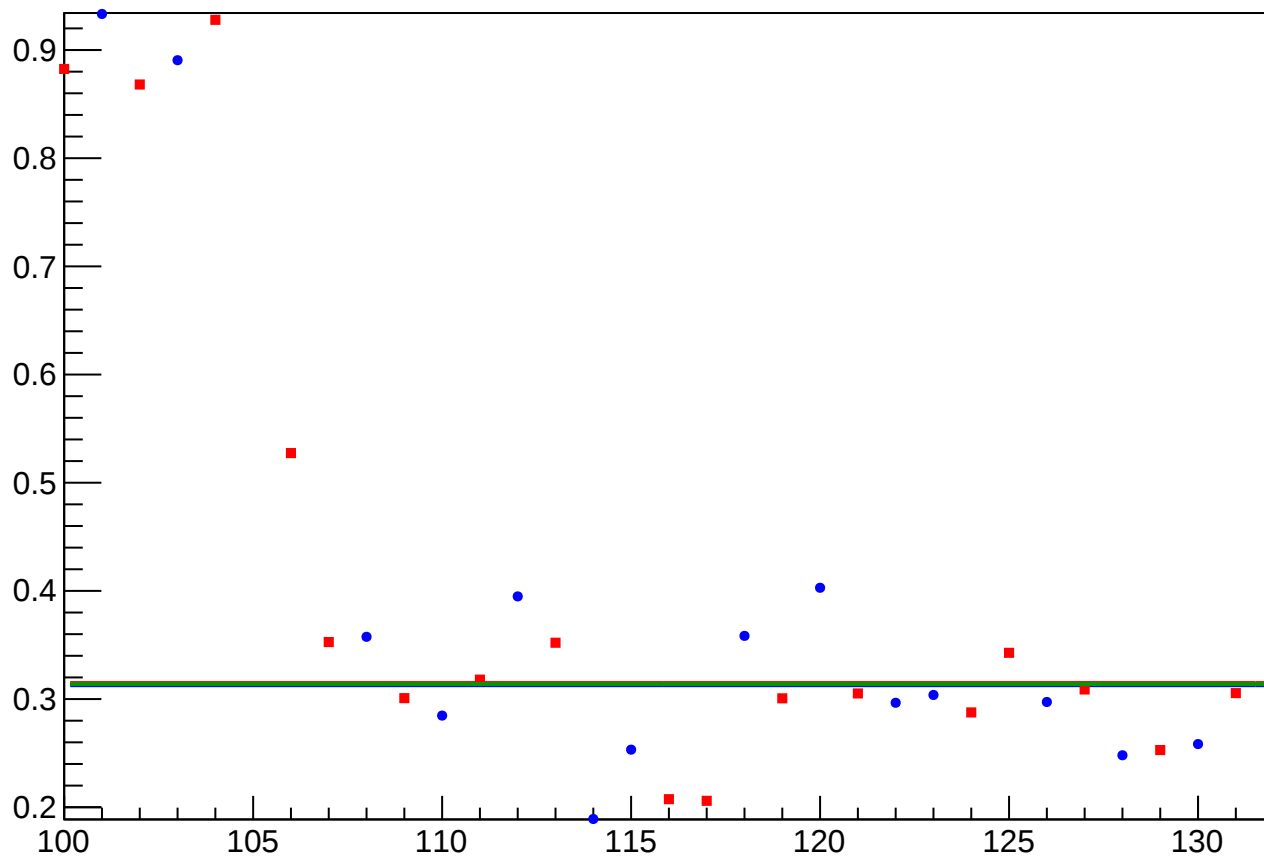
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.927+/-0.000 χ^2/NDF : 3482220541.5/14

143.640+/-0.000 χ^2/NDF : 8254998734.3/14

144.313+/-0.000 χ^2/NDF : 4726977356.0/16

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.313+/-0.000 χ^2/NDF : 1267954.1/14

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

Right Out: 0.315+/-0.000 χ^2/NDF : 1196006.7/16

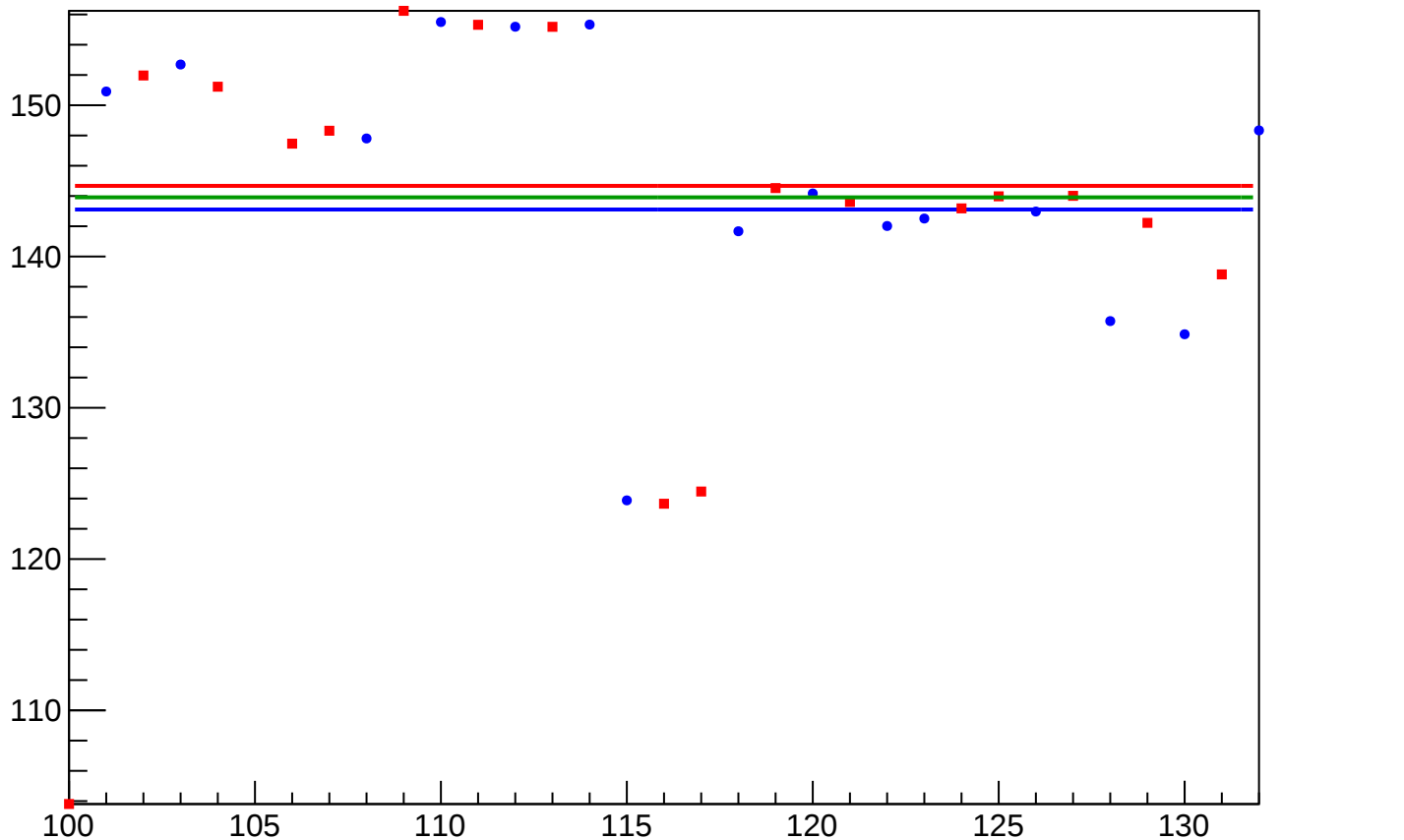
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1267954.1/14

0.314+/-0.000 χ^2/NDF : 2464140.5/31

0.315+/-0.000 χ^2/NDF : 1196006.7/16

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 143.107+/-0.000 χ^2/NDF : 2990376647.2/14

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

Right Out: 144.670+/-0.000 χ^2/NDF : 4005936464.7/16

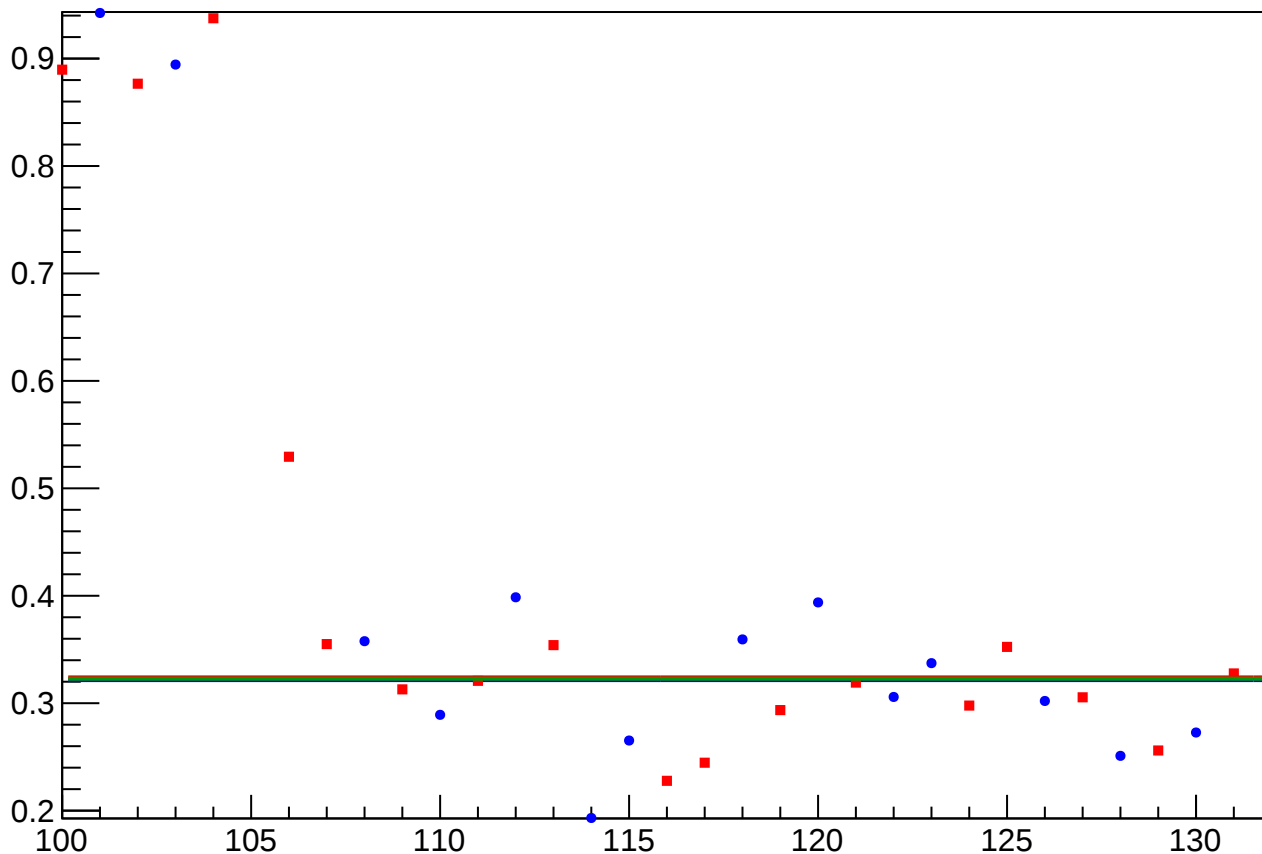
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.107+/-0.000 χ^2/NDF : 2990376647.2/14

143.912+/-0.000 χ^2/NDF : 7051603174.9/16

144.670+/-0.000 χ^2/NDF : 4005936464.7/16

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.322+/-0.000 χ^2/NDF : 1231835.9/14

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1130591.5/16

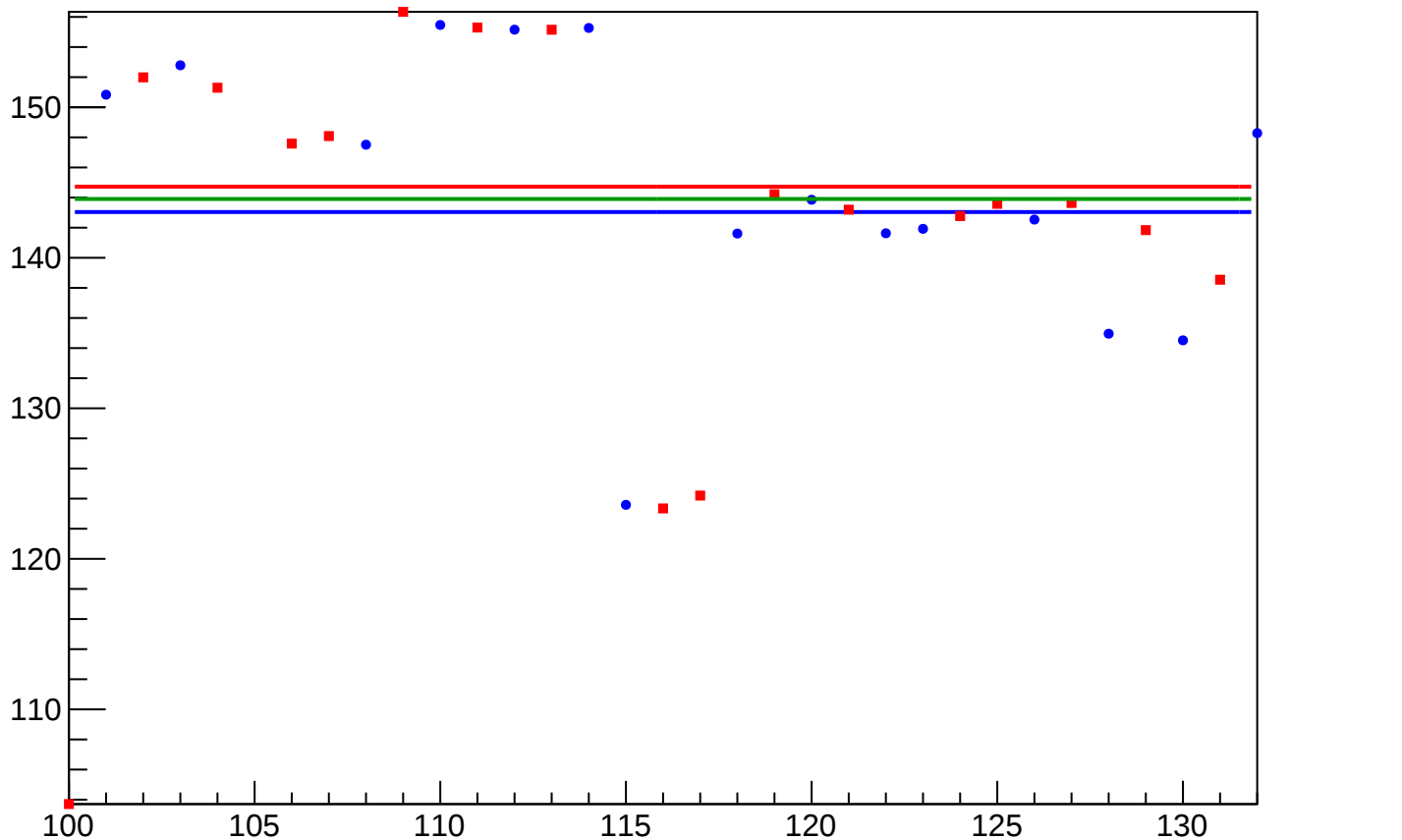
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.322+/-0.000 χ^2/NDF : 1231835.9/14

0.323+/-0.000 χ^2/NDF : 2362714.9/31

0.324+/-0.000 χ^2/NDF : 1130591.5/16

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.040+/-0.000 χ^2/NDF : 3140292219.3/14

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

Right Out: 144.724+/-0.000 χ^2/NDF : 4047157041.3/16

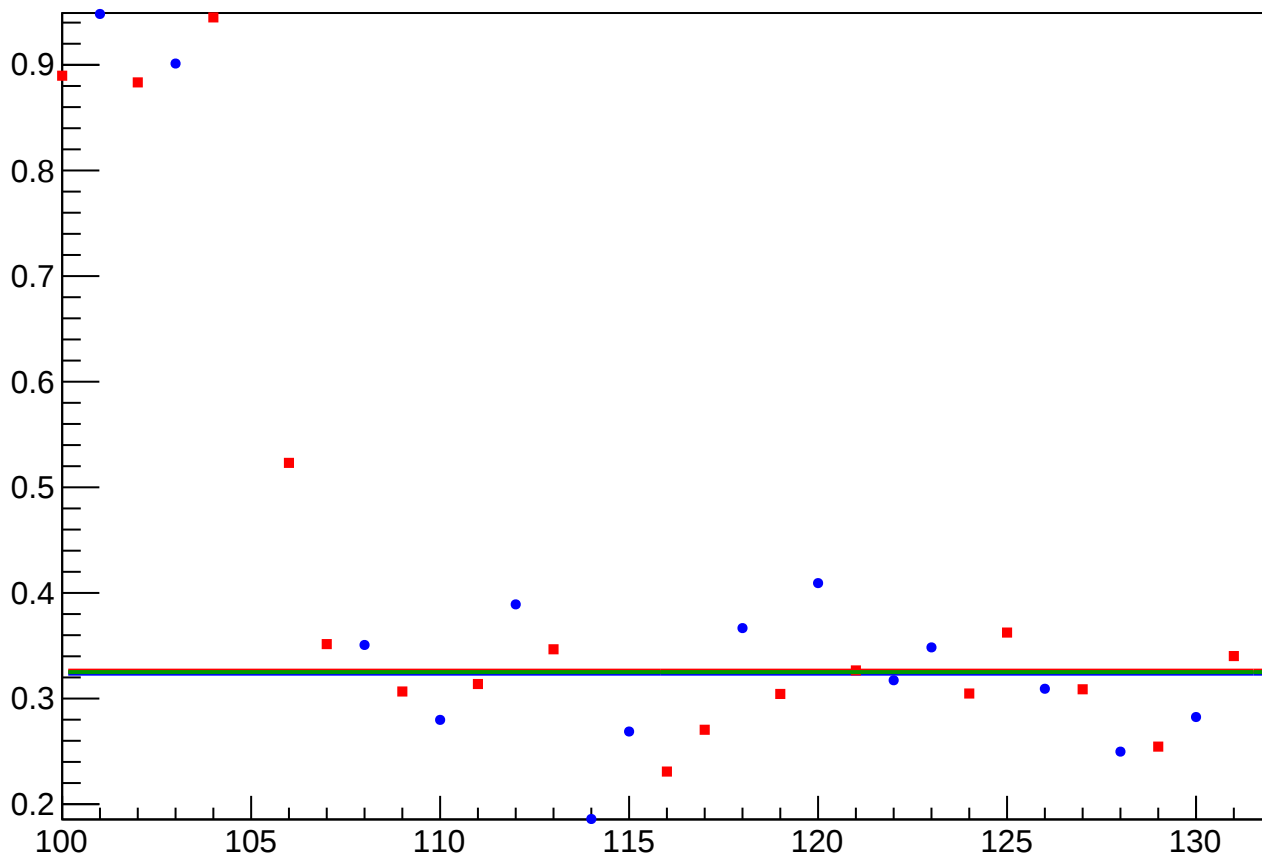
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.040+/-0.000 χ^2/NDF : 3140292219.3/14

143.907+/-0.000 χ^2/NDF : 7250628325.9/14

144.724+/-0.000 χ^2/NDF : 4047157041.3/16

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1248148.2/14

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

Right Out: 0.326+/-0.000 χ^2/NDF : 1120114.1/16

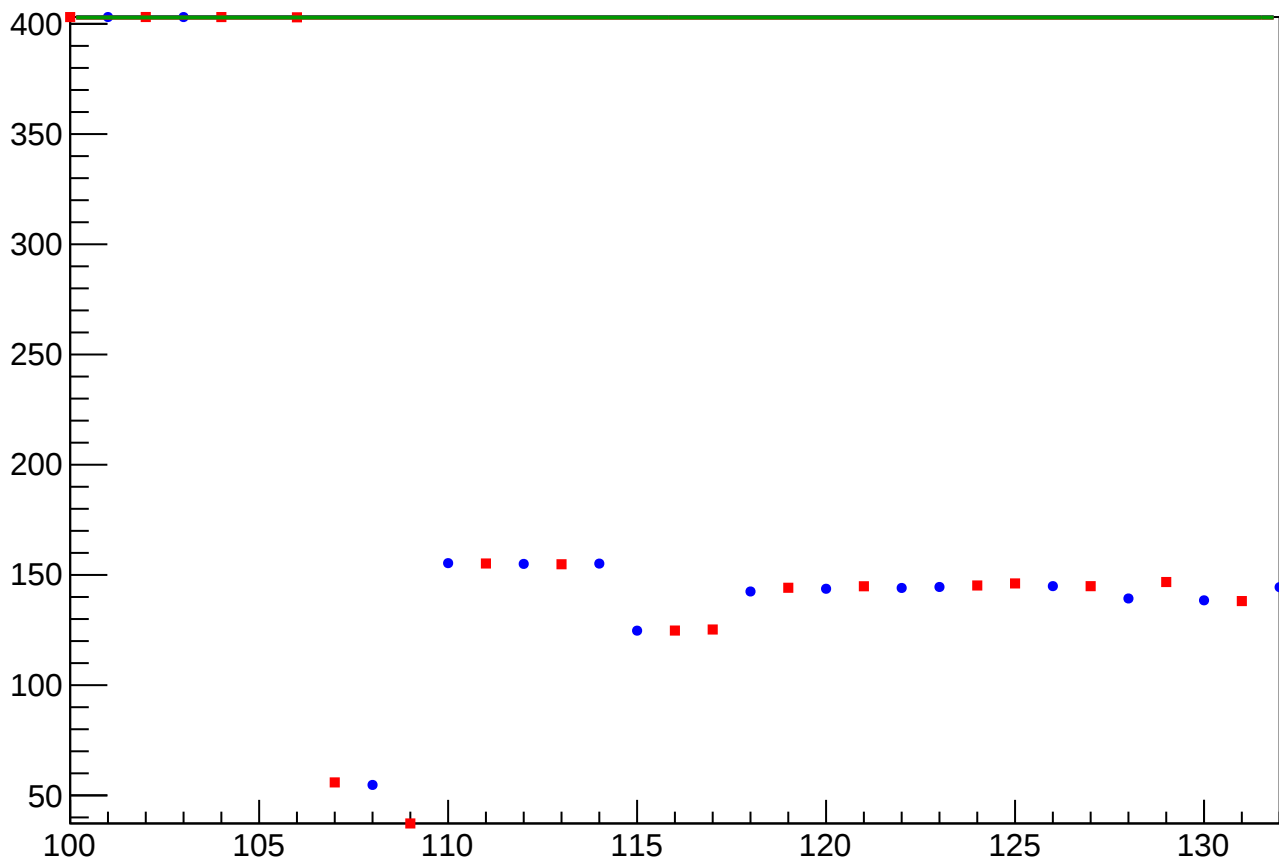
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.324+/-0.000 χ^2/NDF : 1248148.2/14

0.325+/-0.000 χ^2/NDF : 2368626.3/31

0.326+/-0.000 χ^2/NDF : 1120114.1/16

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.994+/-0.000 χ^2/NDF : 805917491372.3/14

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

Right Out: 402.827+/-0.000 χ^2/NDF : 2846532258503.2/16

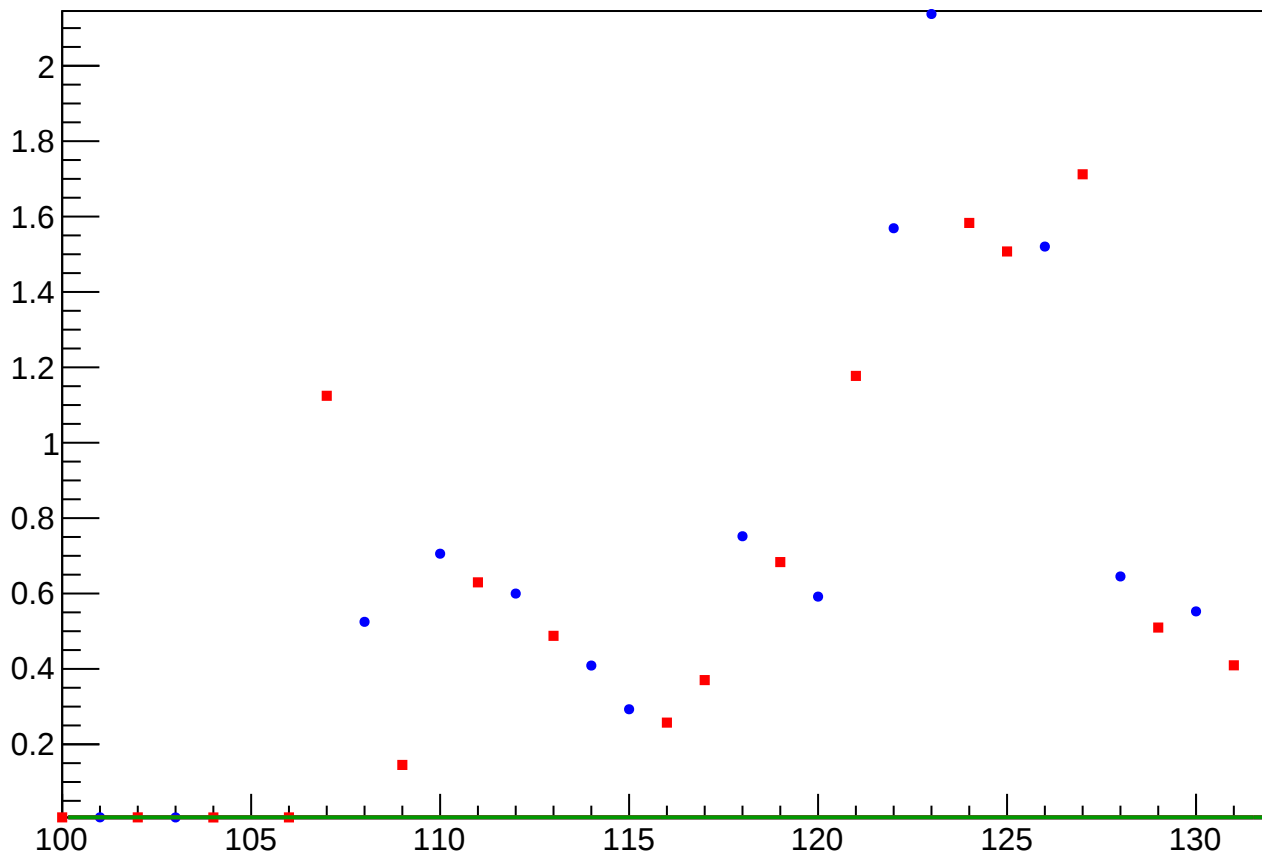
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.994+/-0.000 χ^2/NDF : 805917491372.3/14

402.905+/-0.000 χ^2/NDF : 365291072310

402.827+/-0.000 χ^2/NDF : 2846532258503.2/16

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7180234.0/14

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

Right Out: 0.006+/-0.000 χ^2/NDF : 7269519.5/16

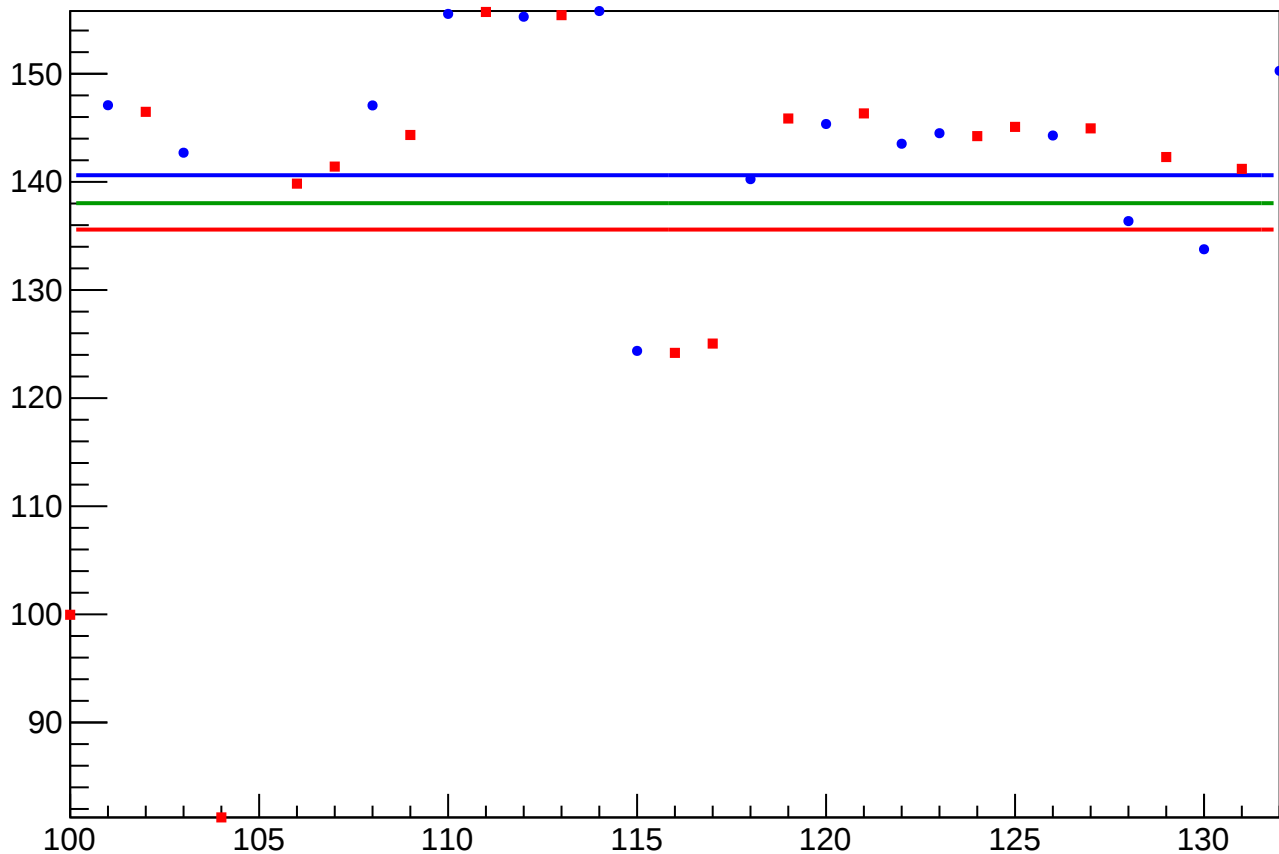
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7180234.0/14

0.006+/-0.000 χ^2/NDF : 14449753.5/31

0.006+/-0.000 χ^2/NDF : 7269519.5/16

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.617 ± 0.000 $\chi^2/\text{NDF}: 905136274.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 135.590 ± 0.000 $\chi^2/\text{NDF}: 1186196655.5/16$

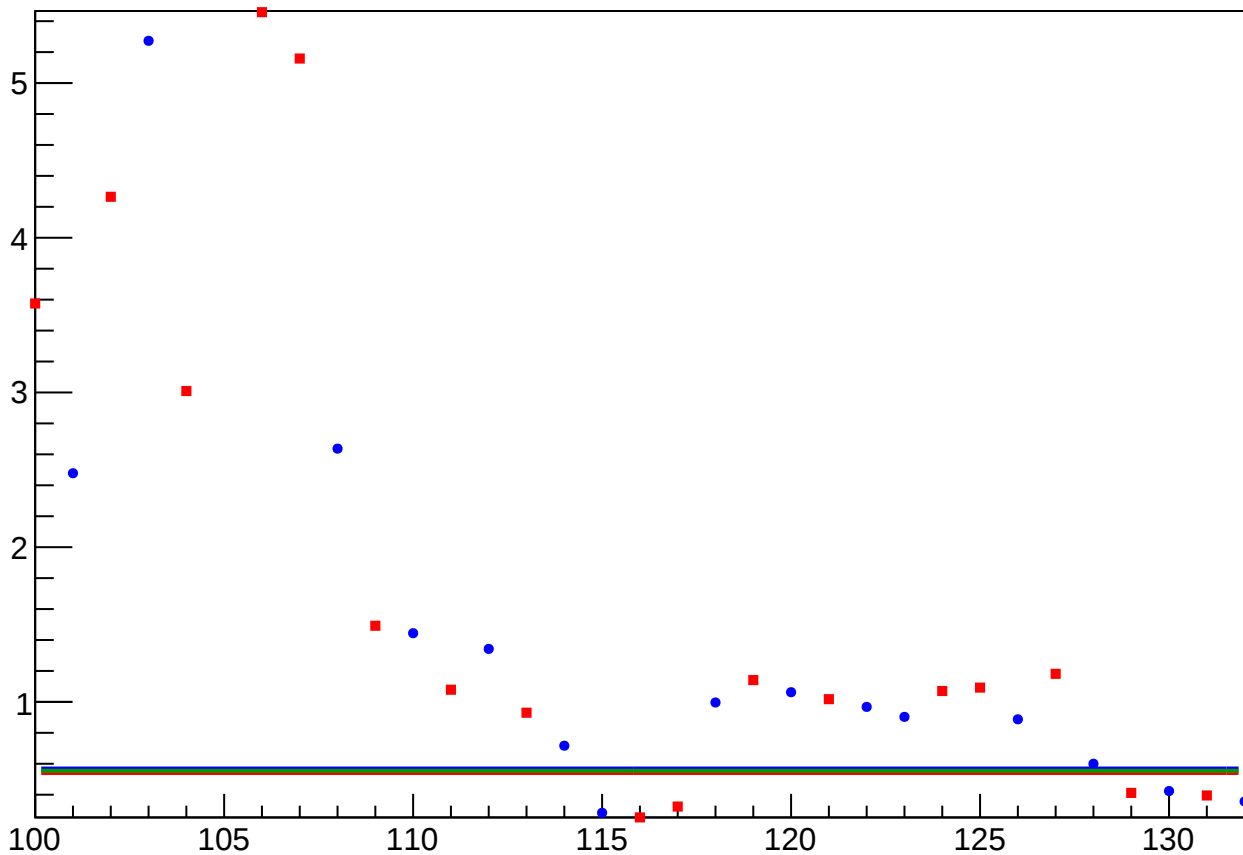
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

140.617 ± 0.000 $\chi^2/\text{NDF}: 905136274.8/14$

138.031 ± 0.000 $\chi^2/\text{NDF}: 2207542326.6/16$

135.590 ± 0.000 $\chi^2/\text{NDF}: 1186196655.5/16$

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.569+/-0.000 χ^2/NDF : 3422327.1/14

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

Right Out: 0.540+/-0.000 χ^2/NDF : 4657439.5/16

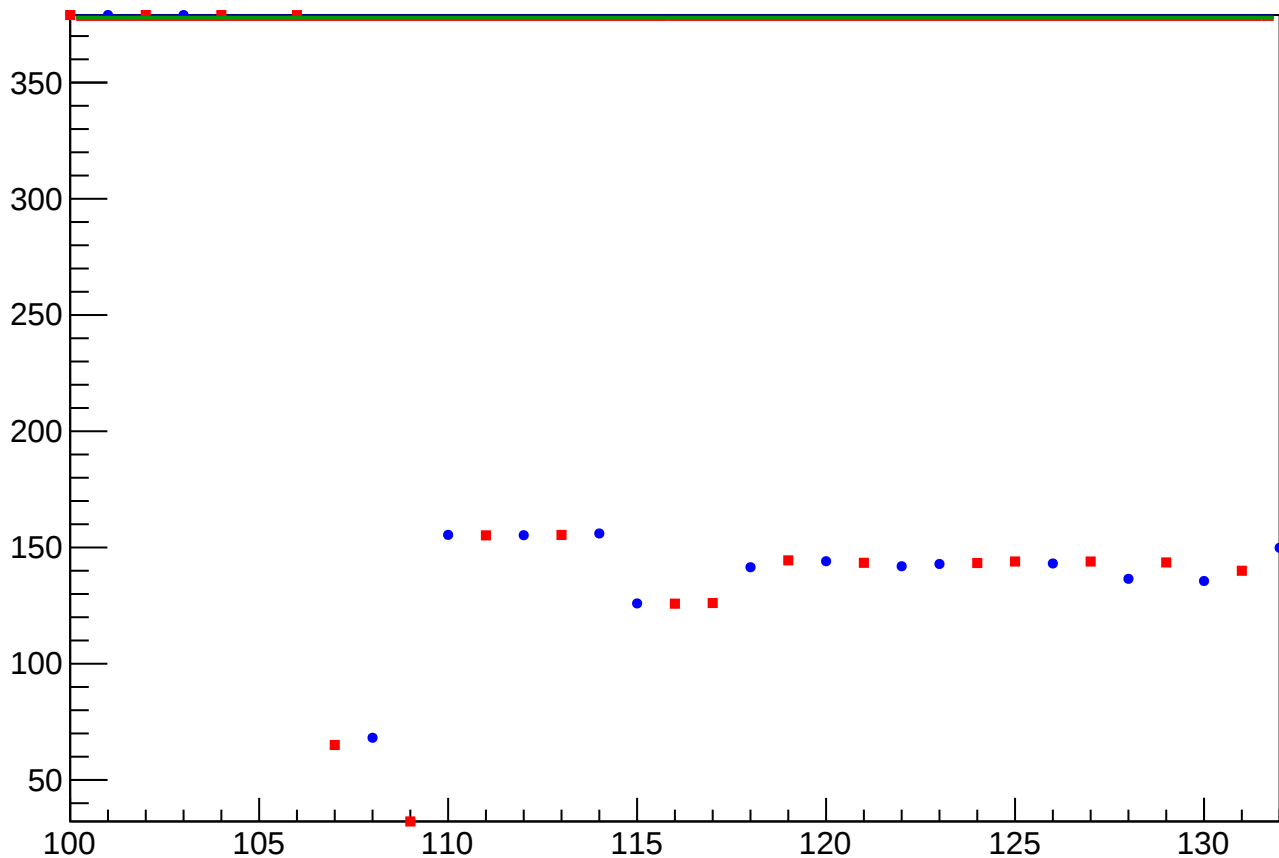
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.569+/-0.000 χ^2/NDF : 3422327.1/14

0.554+/-0.000 χ^2/NDF : 8087406.1/31

0.540+/-0.000 χ^2/NDF : 4657439.5/16

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.400+/-0.000 χ^2/NDF : 2151339826399.1/14

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

Right Out: 377.367+/-0.000 χ^2/NDF : 8006148068148.8/16

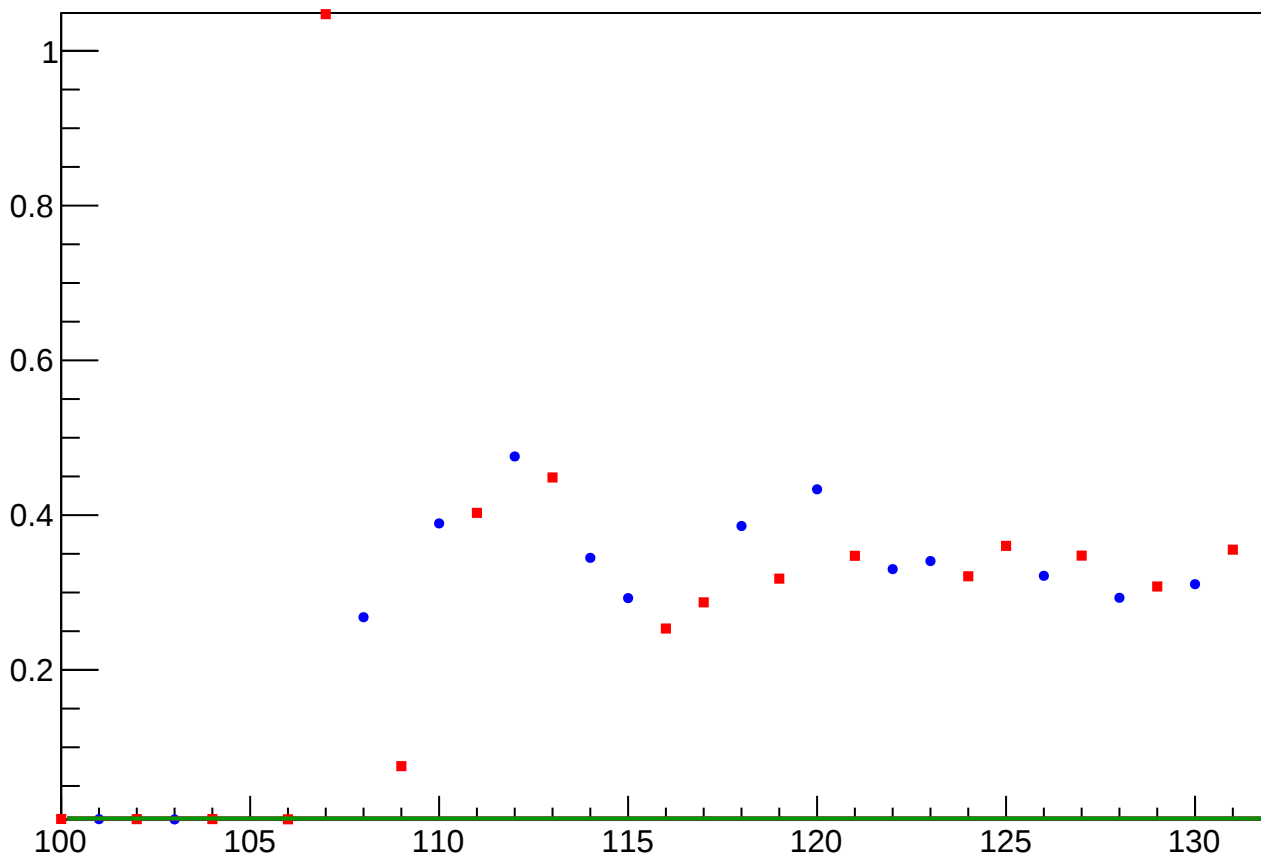
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.400+/-0.000 χ^2/NDF : 2151339826399.1/14

377.850+/-0.000 χ^2/NDF : 101650436807

377.367+/-0.000 χ^2/NDF : 8006148068148.8/16

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7864994.4/14

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

Right Out: 0.008+/-0.000 χ^2/NDF : 7583190.3/16

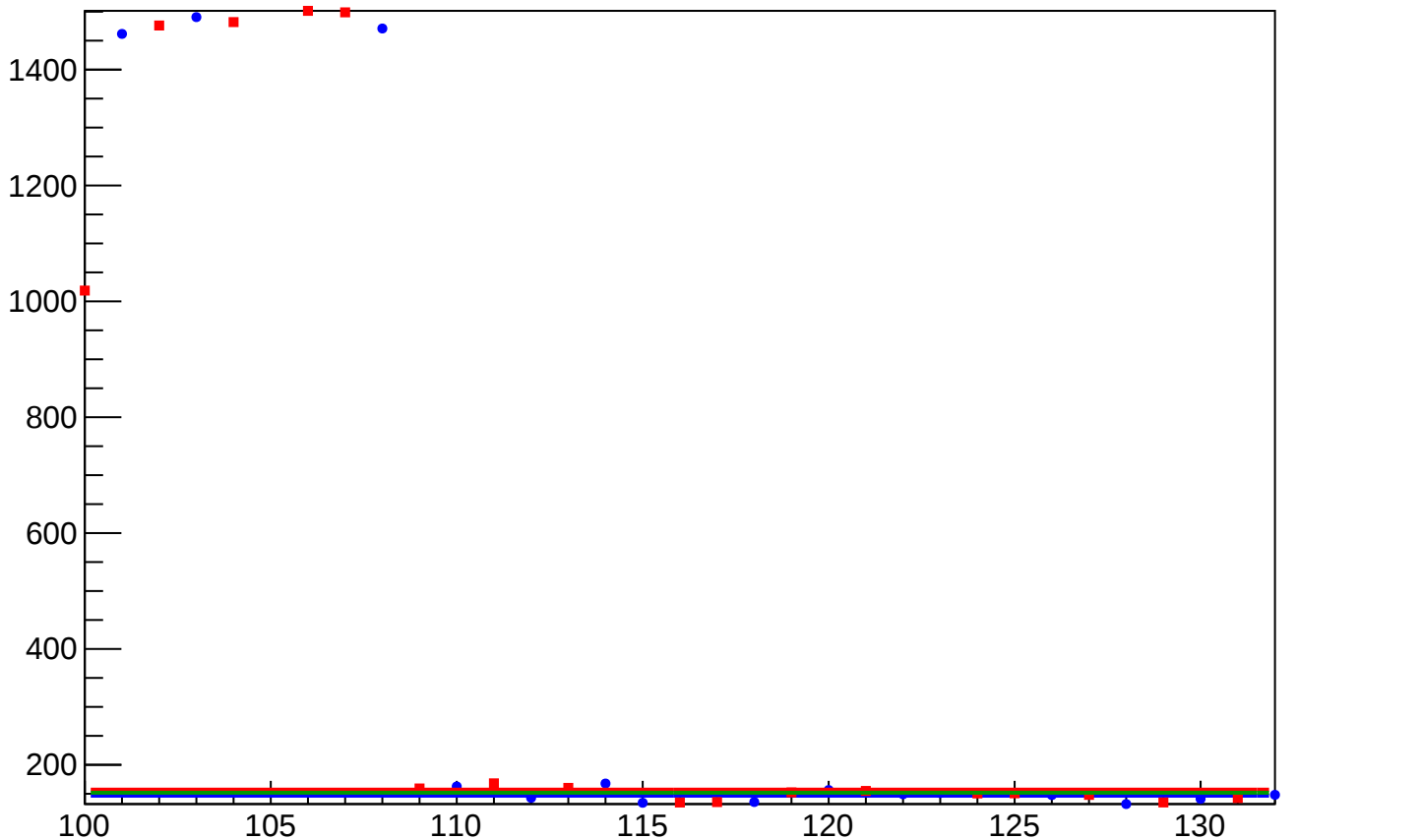
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7864994.4/14

0.008+/-0.000 χ^2/NDF : 15448250.5/31

0.008+/-0.000 χ^2/NDF : 7583190.3/16

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.745+/-0.000 χ^2/NDF : 24353991825.5/14

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

Right Out: 157.169+/-0.000 χ^2/NDF : 33387786954.1/16

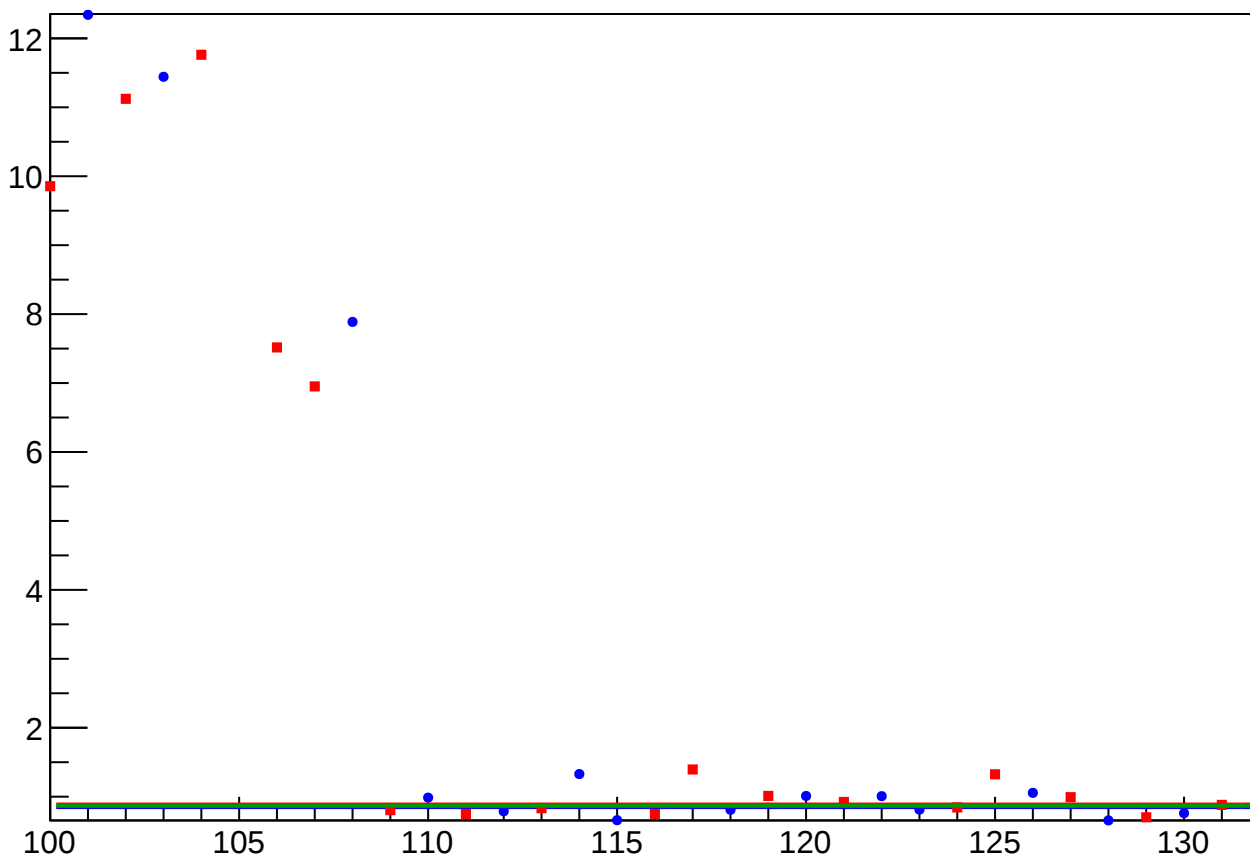
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.745+/-0.000 χ^2/NDF : 24353991825.5/14

151.854+/-0.000 χ^2/NDF : 57974724387.6

157.169+/-0.000 χ^2/NDF : 33387786954.1/16

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.849+/-0.000 χ^2/NDF : 2655392.8/14

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

Right Out: 0.886+/-0.000 χ^2/NDF : 2788519.8/16

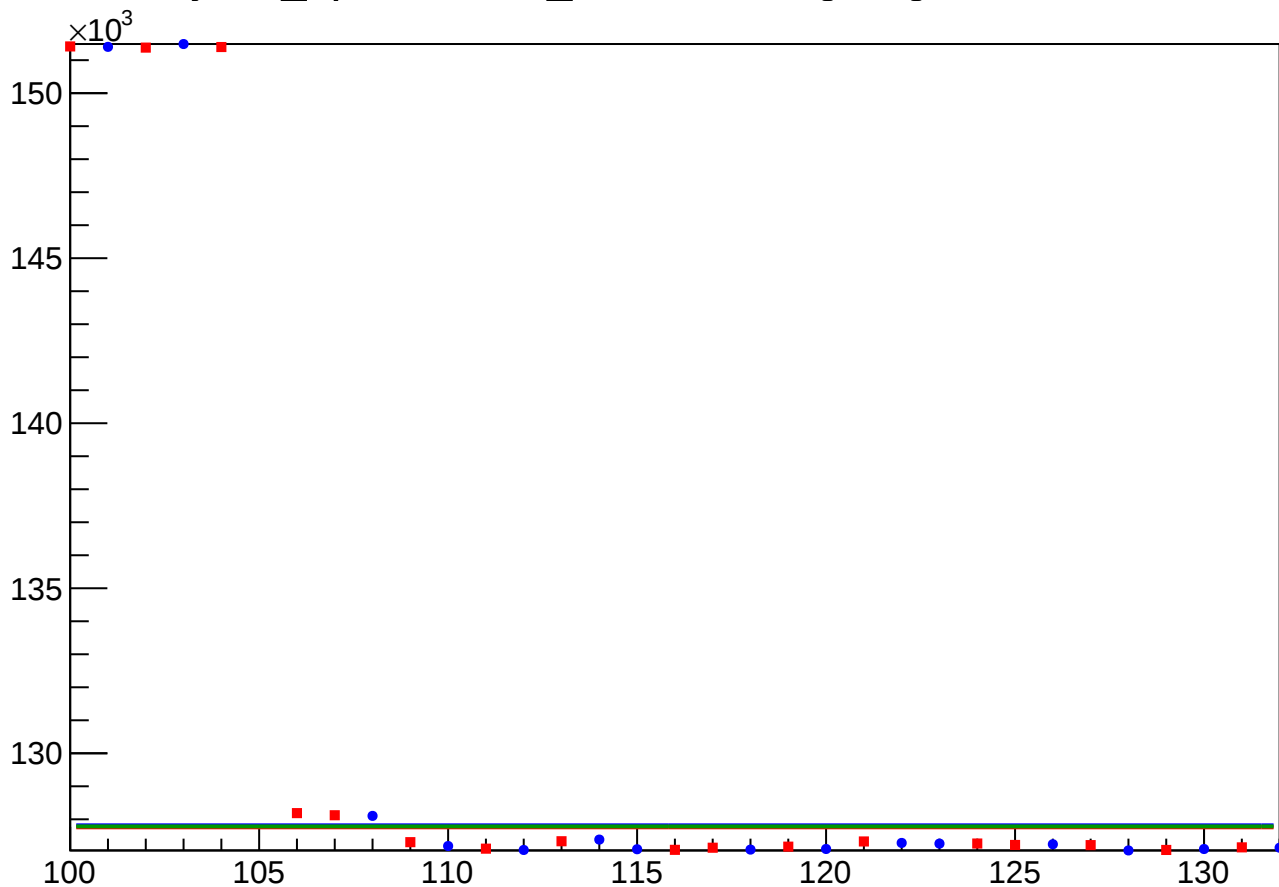
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.849+/-0.000 χ^2/NDF : 2655392.8/14

0.867+/-0.000 χ^2/NDF : 5449958.9/31

0.886+/-0.000 χ^2/NDF : 2788519.8/16

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127817.059 $\pm$ 0.058 χ^2 /NDF: 4200339026.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127757.615 $\pm$ 0.053 χ^2 /NDF: 3665755473.6/16

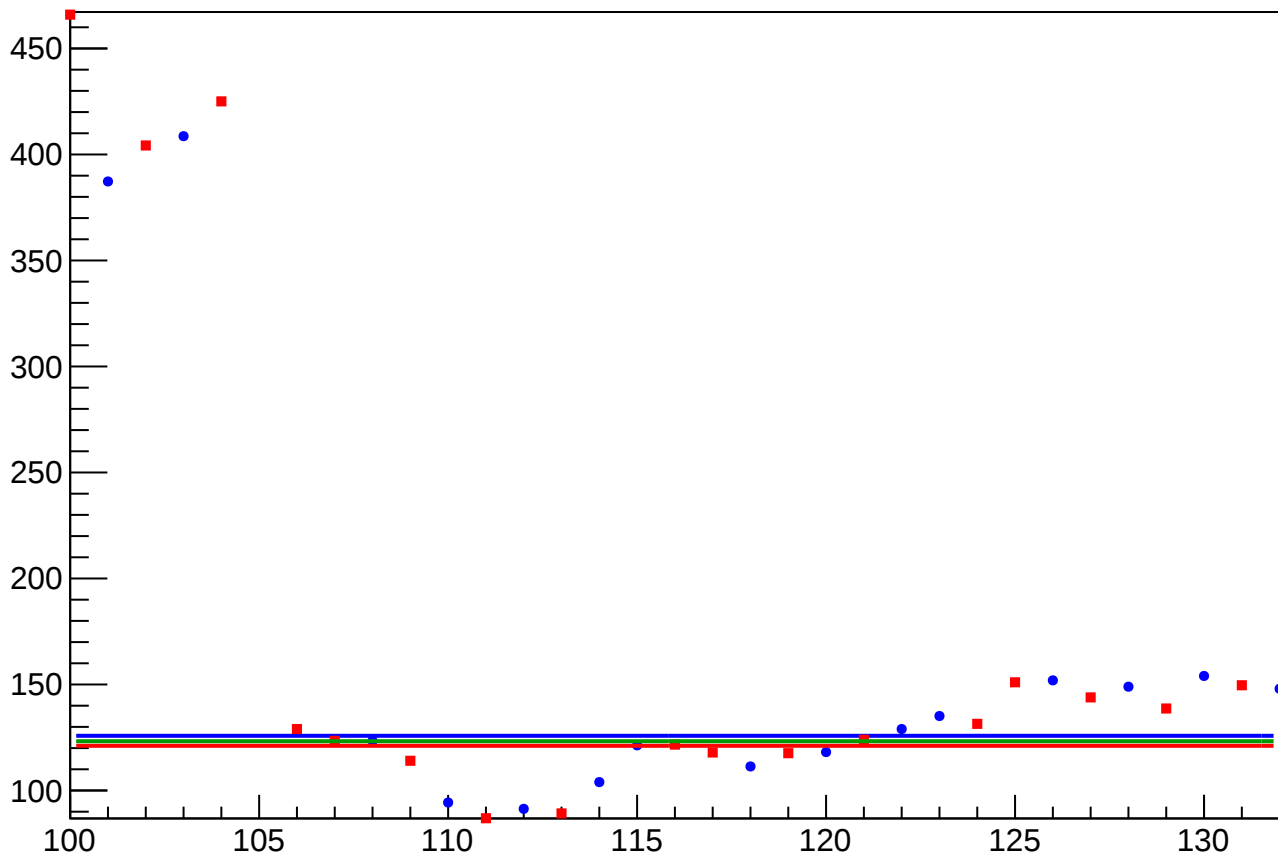
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127817.059 $\pm$ 0.058 χ^2 /NDF: 4200339026.2/14

127784.743 $\pm$ 0.039 χ^2 /NDF: 786666590

127757.615 $\pm$ 0.053 χ^2 /NDF: 3665755473.6/16

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 125.804+/-0.041 χ^2/NDF : 1394335.5/14

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

Right Out: 121.084+/-0.038 χ^2/NDF : 1448582.9/16

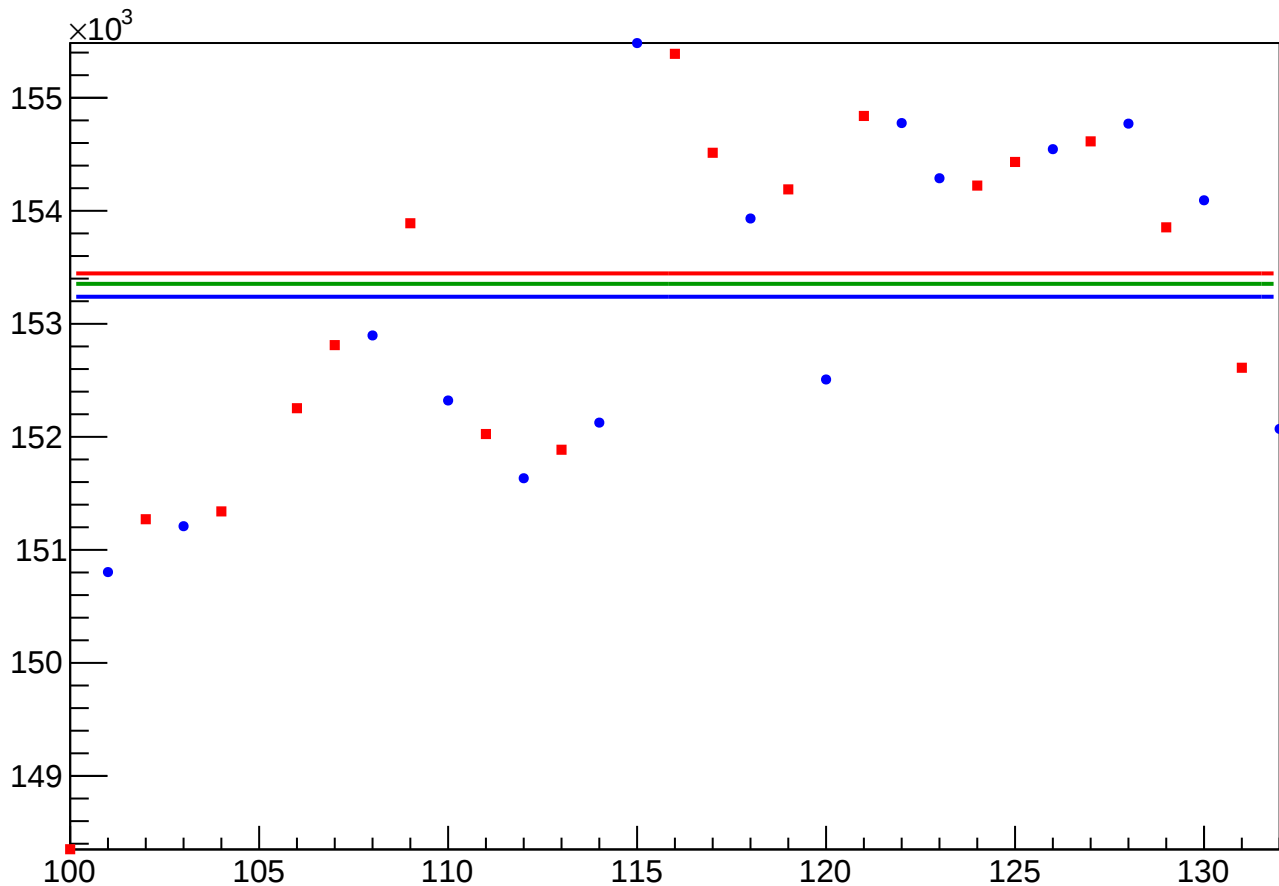
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.804+/-0.041 χ^2/NDF : 1394335.5/14

123.238+/-0.028 χ^2/NDF : 2850124.4/31

121.084+/-0.038 χ^2/NDF : 1448582.9/16

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153239.751 $\pm$ 0.079 χ^2 /NDF: 259986877.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153446.117 $\pm$ 0.071 χ^2 /NDF: 271889065.0/16

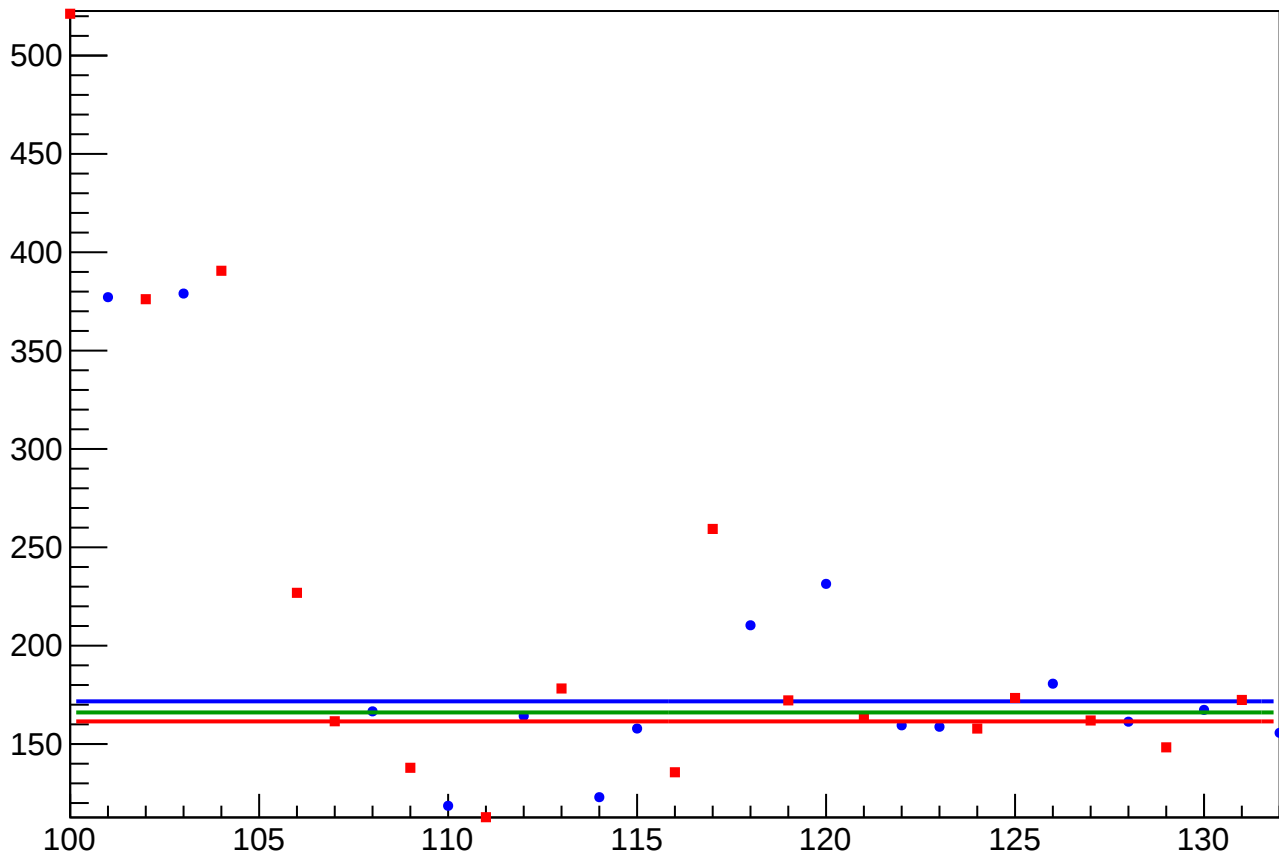
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153239.751 $\pm$ 0.079 χ^2 /NDF: 259986877.6/14

153353.833 $\pm$ 0.053 χ^2 /NDF: 535611028

153446.117 $\pm$ 0.071 χ^2 /NDF: 271889065.0/16

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 171.698+/-0.056 χ^2/NDF : 921117.7/14

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

Right Out: 161.498+/-0.050 χ^2/NDF : 1027880.0/16

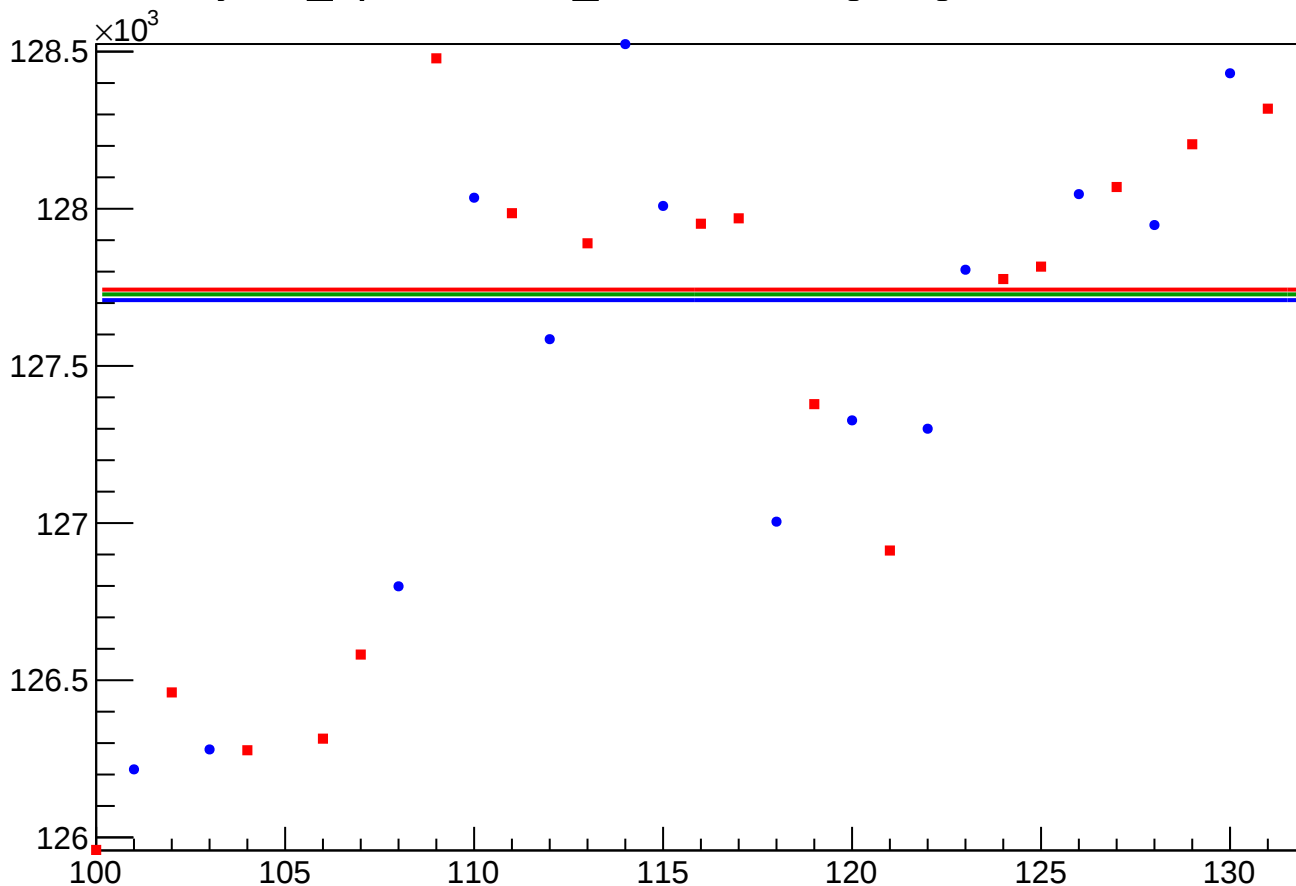
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.698+/-0.056 χ^2/NDF : 921117.7/14

166.060+/-0.038 χ^2/NDF : 1967247.7/31

161.498+/-0.050 χ^2/NDF : 1027880.0/16

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127709.304 $\pm$ 0.063 χ^2 /NDF: 92770417.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127742.826 $\pm$ 0.058 χ^2 /NDF: 109039767.2/16

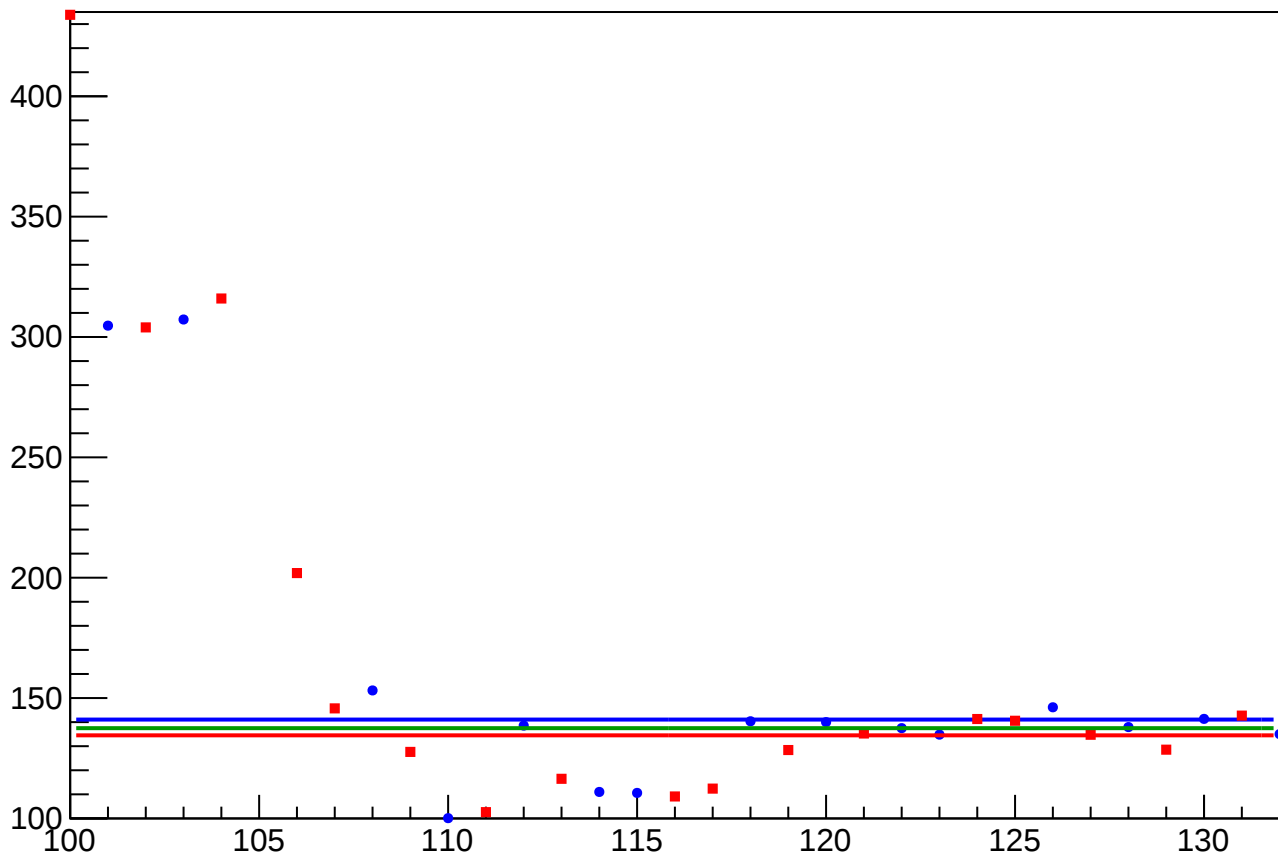
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127709.304 $\pm$ 0.063 χ^2 /NDF: 92770417.6/14

127727.593 $\pm$ 0.043 χ^2 /NDF: 201962550

127742.826 $\pm$ 0.058 χ^2 /NDF: 109039767.2/16

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.061+/-0.045 χ^2/NDF : 824630.4/14

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

Right Out: 134.511+/-0.041 χ^2/NDF : 932694.2/16

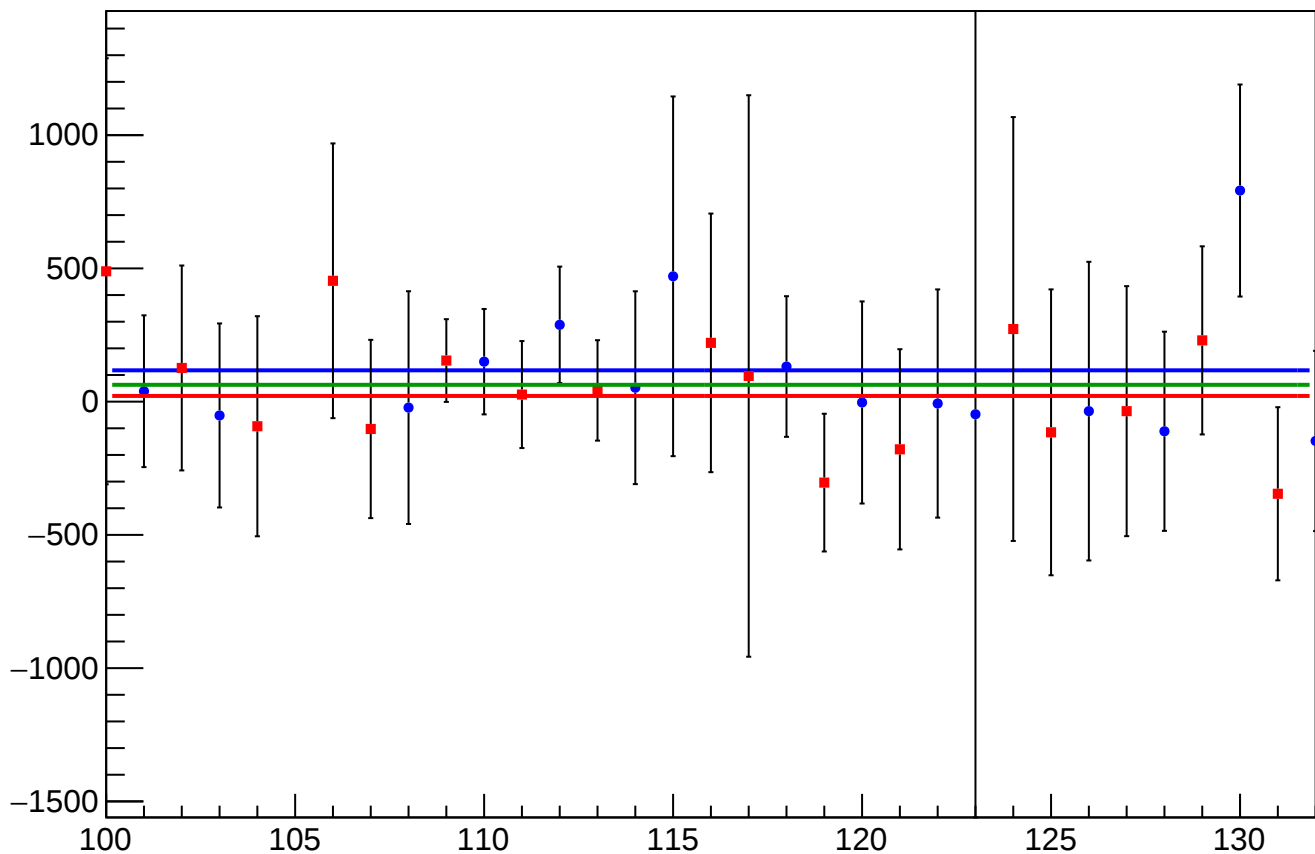
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.061+/-0.045 χ^2/NDF : 824630.4/14

137.487+/-0.030 χ^2/NDF : 1768959.8/31

134.511+/-0.041 χ^2/NDF : 932694.2/16

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 117.533 $\pm$ 86.084 χ^2 /NDF: 5.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.435 $\pm$ 75.438 χ^2 /NDF: 5.9/16

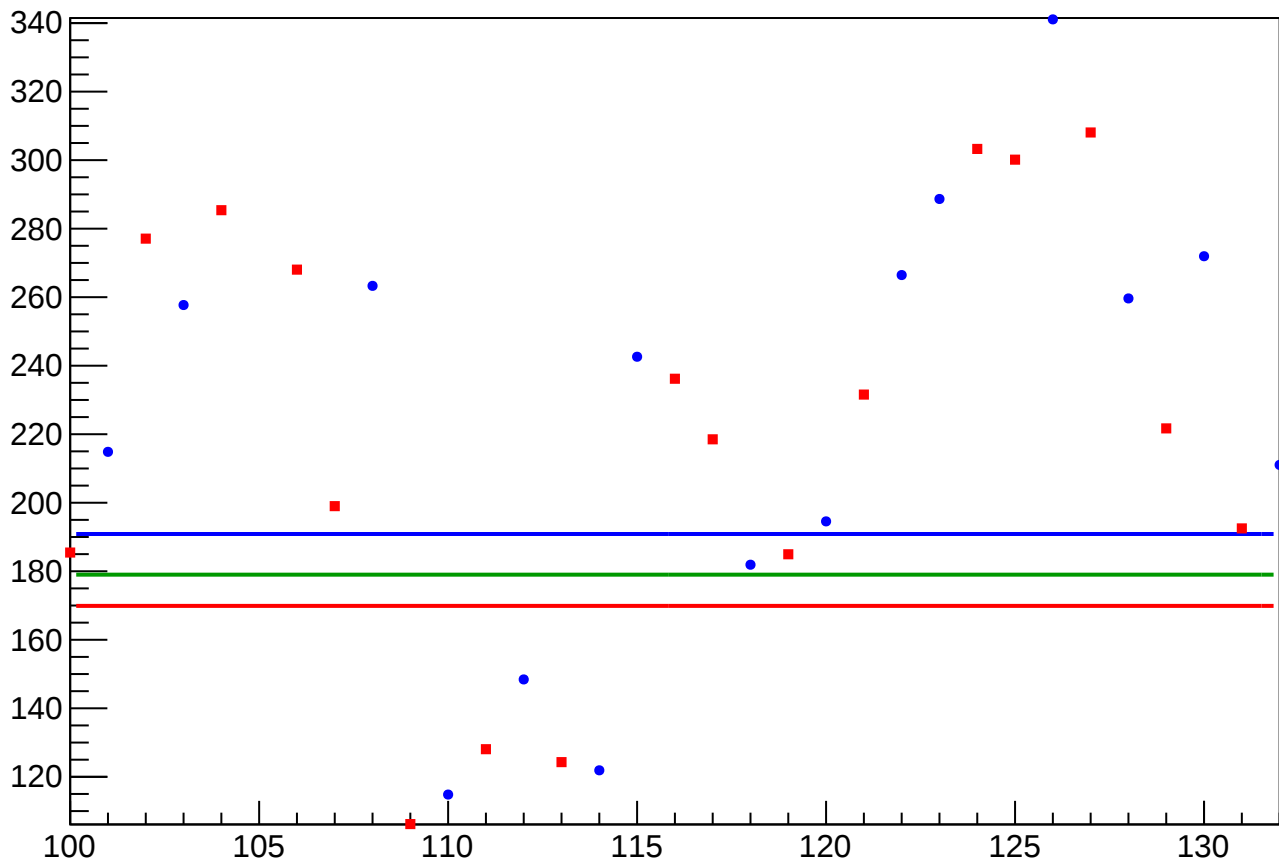
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.533 $\pm$ 86.084 χ^2 /NDF: 5.5/14

63.177 $\pm$ 56.736 χ^2 /NDF: 12.1/31

21.435 $\pm$ 75.438 χ^2 /NDF: 5.9/16

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 190.877 $\pm$ 0.061 χ^2 /NDF: 974701.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.894 $\pm$ 0.053 χ^2 /NDF: 1444110.0/16

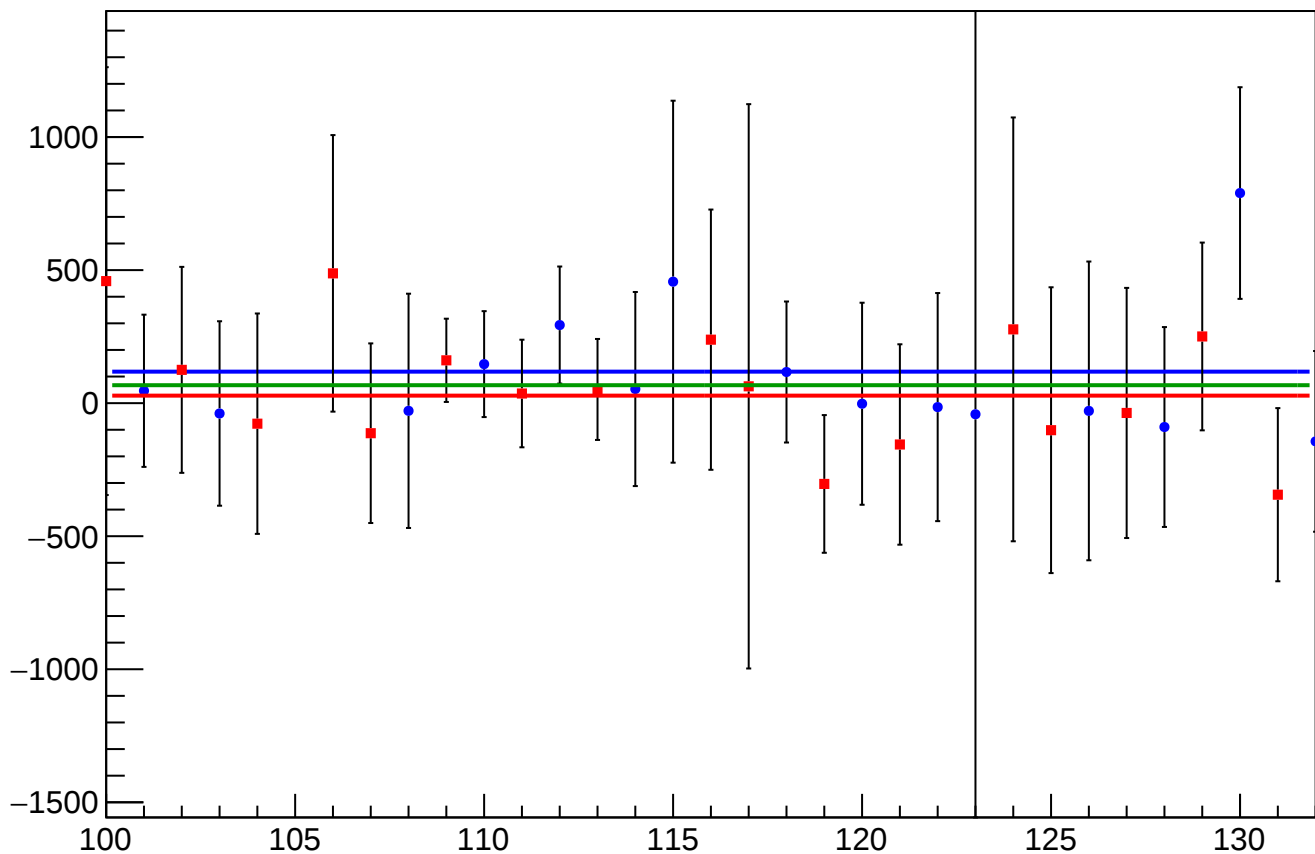
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

190.877 $\pm$ 0.061 χ^2 /NDF: 974701.8/14

179.009 $\pm$ 0.040 χ^2 /NDF: 2486023.8/31

169.894 $\pm$ 0.053 χ^2 /NDF: 1444110.0/16

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 118.421 $\pm$ 86.511 χ^2 /NDF: 5.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.265 $\pm$ 75.866 χ^2 /NDF: 6.1/16

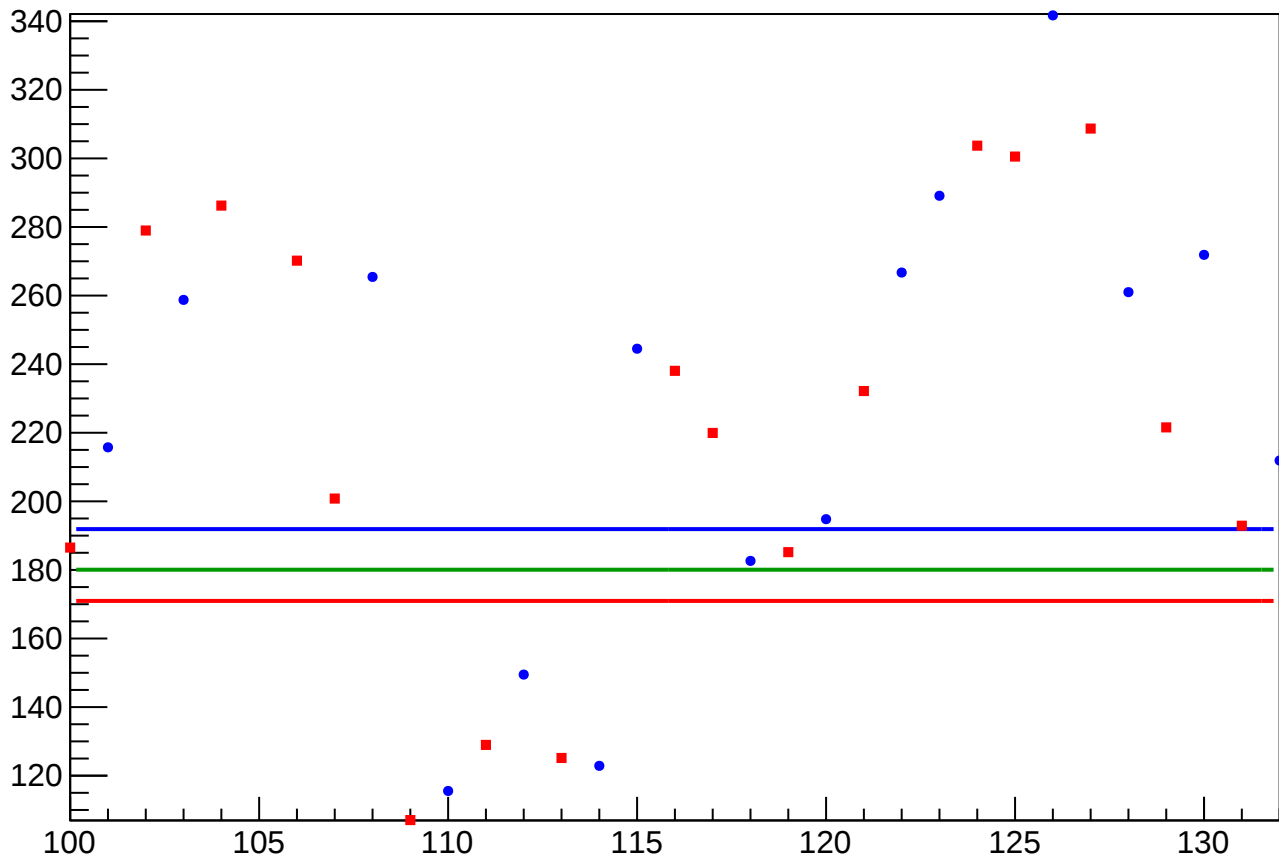
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.421 $\pm$ 86.511 χ^2 /NDF: 5.3/14

67.458 $\pm$ 57.040 χ^2 /NDF: 12.0/31

28.265 $\pm$ 75.866 χ^2 /NDF: 6.1/16

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 191.901 $\pm$ 0.061 χ^2 /NDF: 966111.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 170.962 $\pm$ 0.054 χ^2 /NDF: 1431320.5/16

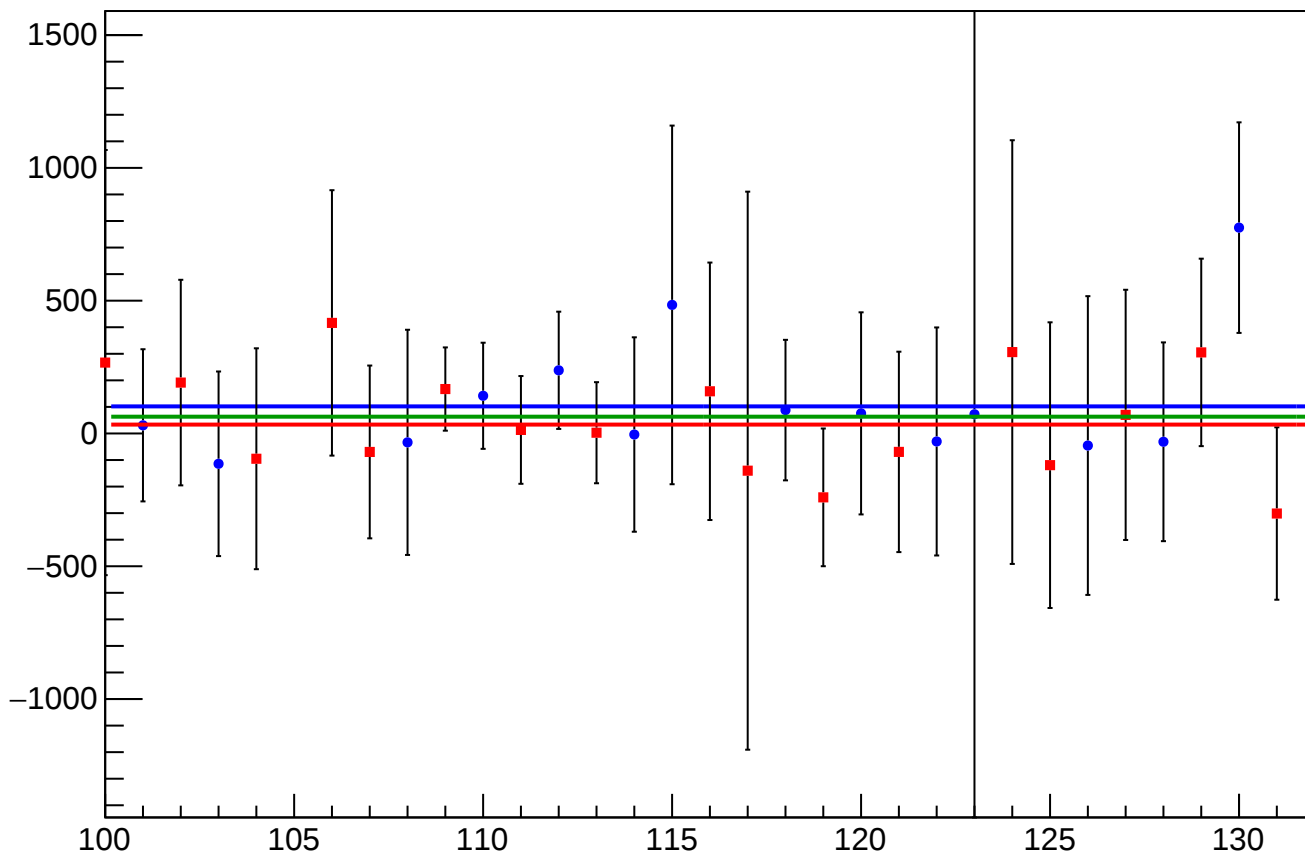
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.901 $\pm$ 0.061 χ^2 /NDF: 966111.7/14

180.065 $\pm$ 0.040 χ^2 /NDF: 2463658.5/31

170.962 $\pm$ 0.054 χ^2 /NDF: 1431320.5/16

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 101.953 ± 86.496 χ^2/NDF : 5.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 33.411 ± 75.771 χ^2/NDF : 4.9/16

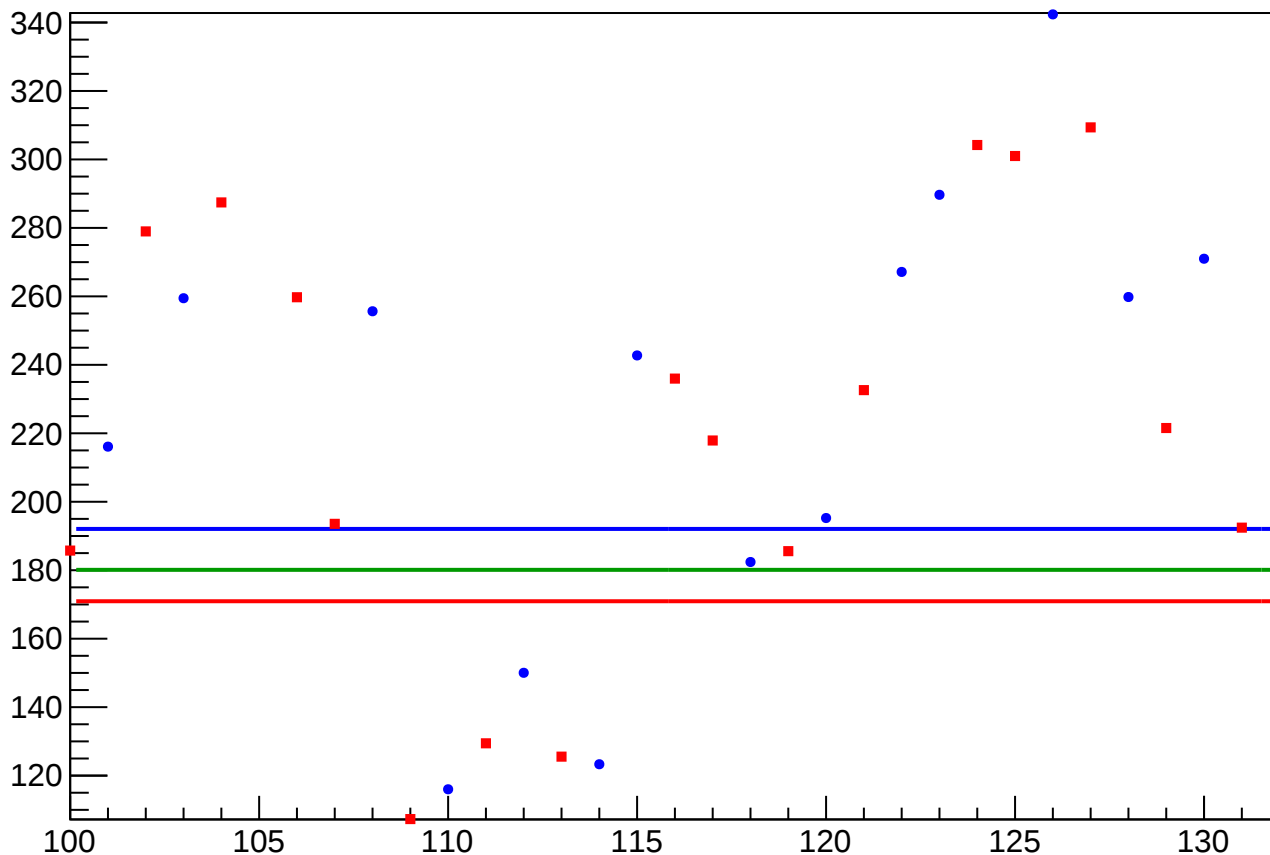
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

101.953 ± 86.496 χ^2/NDF : 5.1/14

63.171 ± 56.995 χ^2/NDF : 10.4/31

33.411 ± 75.771 χ^2/NDF : 4.9/16

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 192.065+/-0.061 χ^2/NDF : 944758.5/14

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

Right Out: 170.940+/-0.054 χ^2/NDF : 1408497.6/16

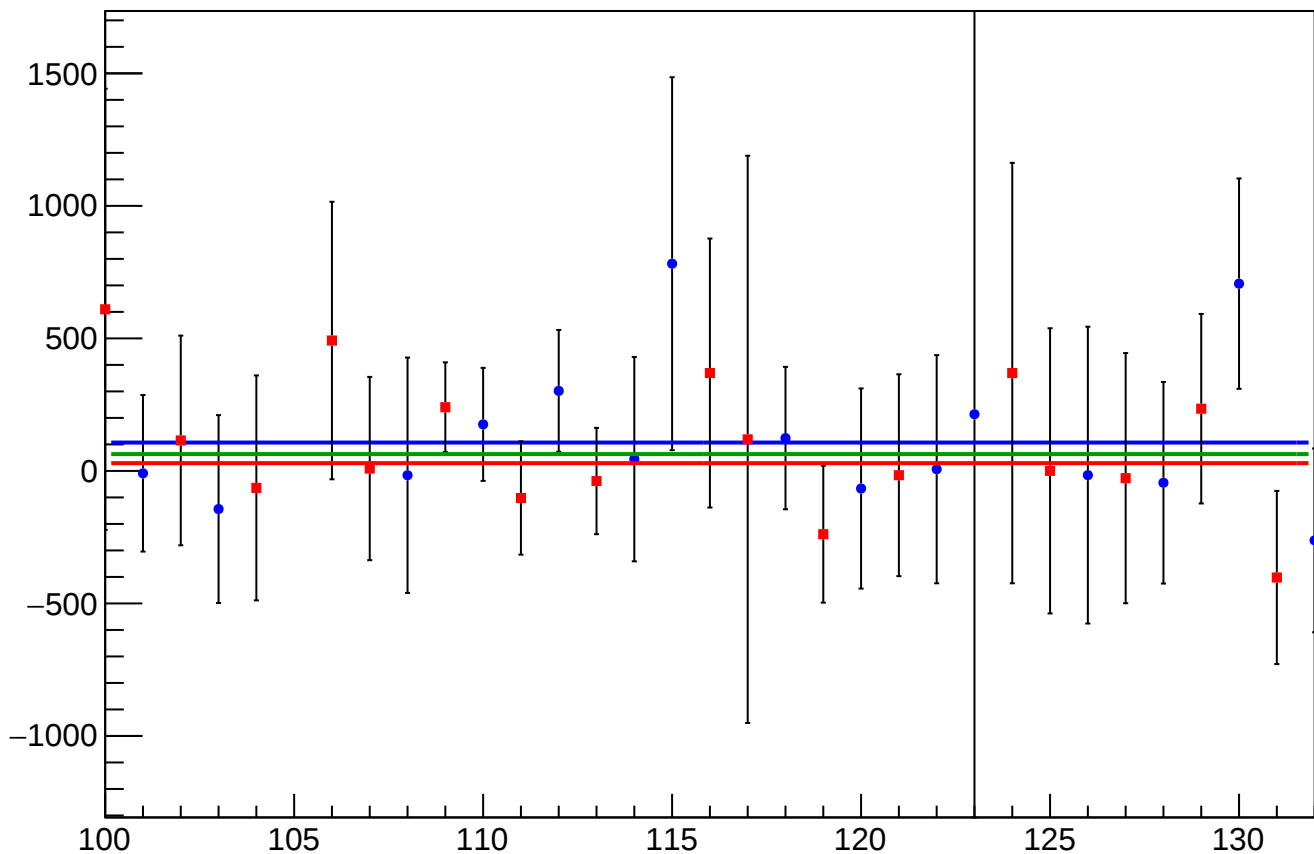
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.065+/-0.061 χ^2/NDF : 944758.5/14

180.112+/-0.040 χ^2/NDF : 2420753.4/31

170.940+/-0.054 χ^2/NDF : 1408497.6/16

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 107.067 $\pm$ 89.224 χ^2 /NDF: 6.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.335 $\pm$ 78.969 χ^2 /NDF: 7.2/16

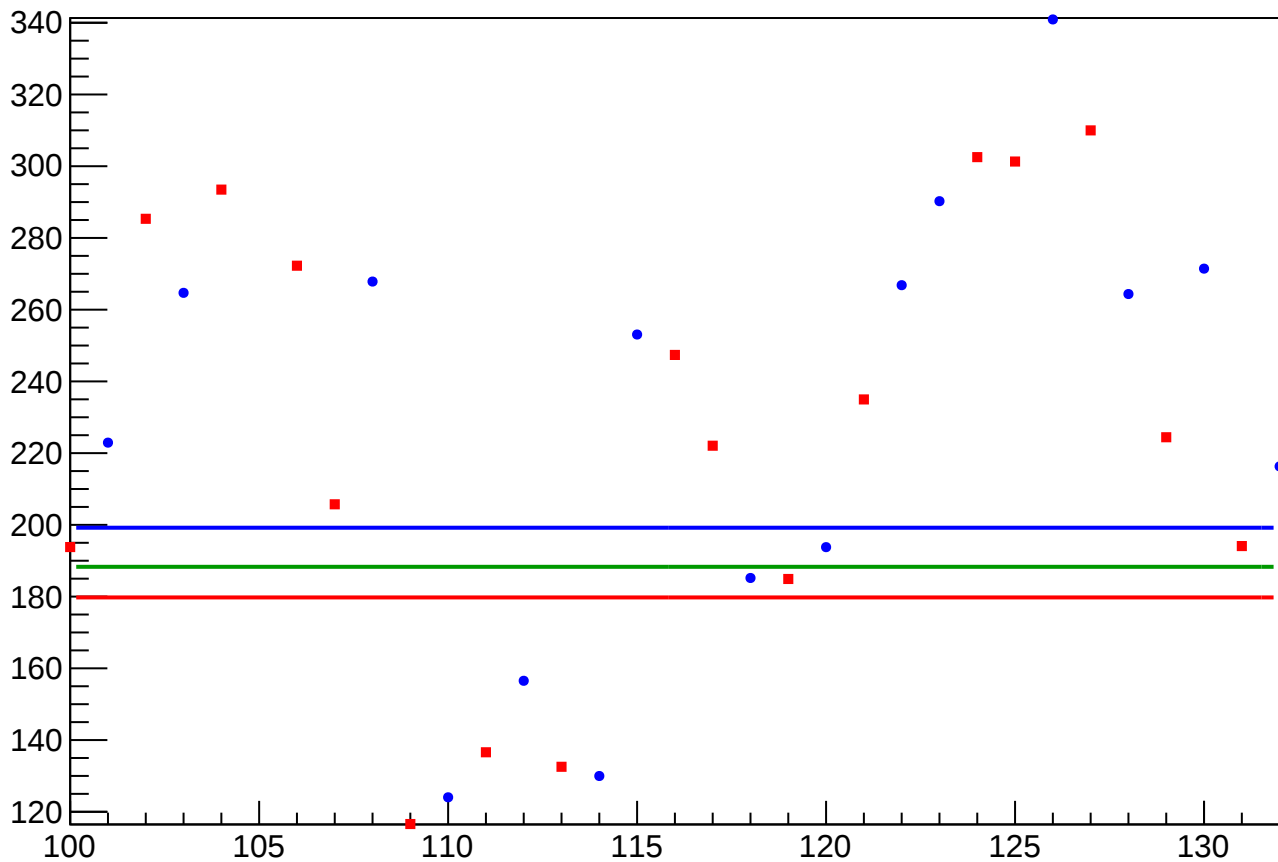
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.067 $\pm$ 89.224 χ^2 /NDF: 6.4/14

63.480 $\pm$ 59.134 χ^2 /NDF: 14.1/31

29.335 $\pm$ 78.969 χ^2 /NDF: 7.2/16

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 199.205 $\pm$ 0.063 χ^2 /NDF: 842896.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.767 $\pm$ 0.056 χ^2 /NDF: 1249699.1/16

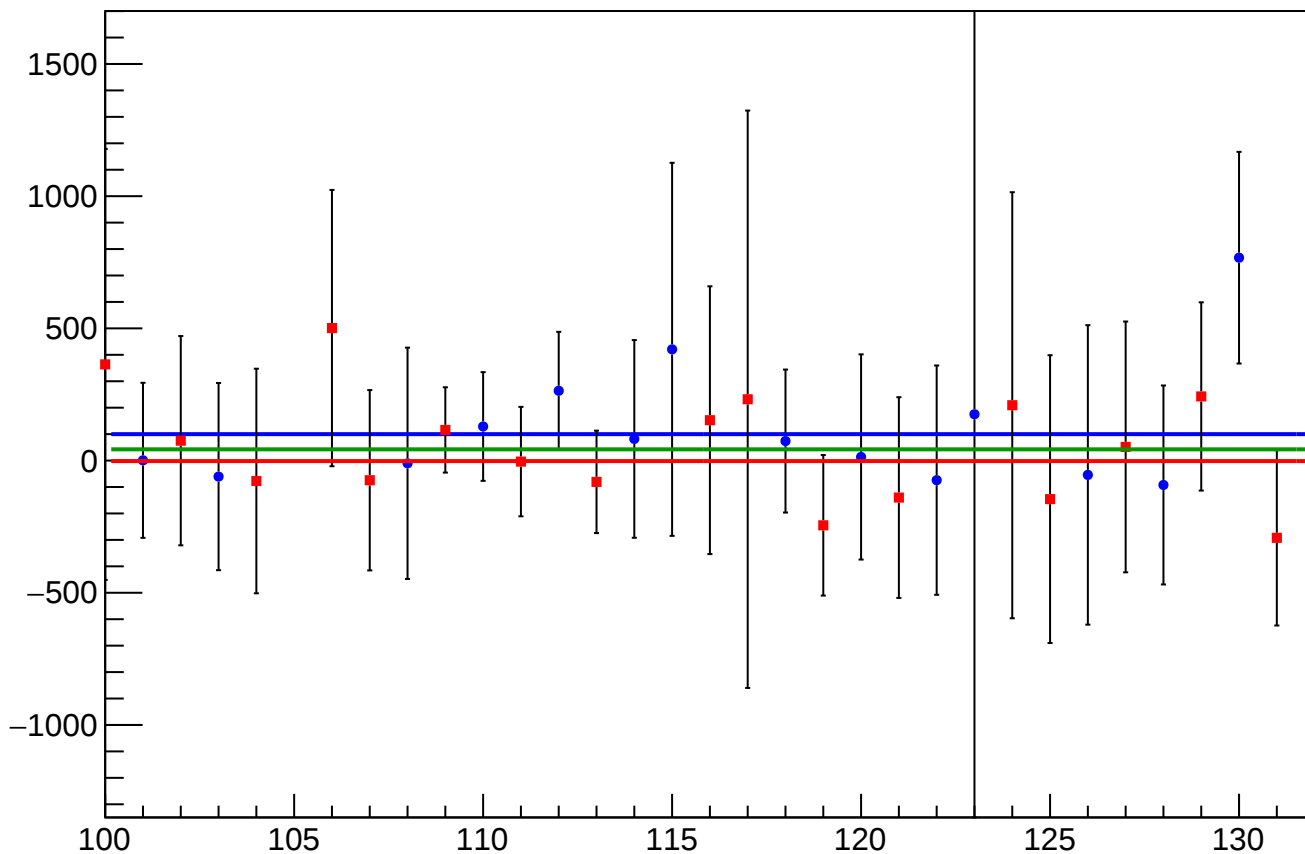
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

199.205 $\pm$ 0.063 χ^2 /NDF: 842896.8/14

188.306 $\pm$ 0.042 χ^2 /NDF: 2145824.5/31

179.767 $\pm$ 0.056 χ^2 /NDF: 1249699.1/16

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 99.923 $\pm$ 88.137 χ^2 /NDF: 5.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.945 $\pm$ 77.547 χ^2 /NDF: 4.4/16

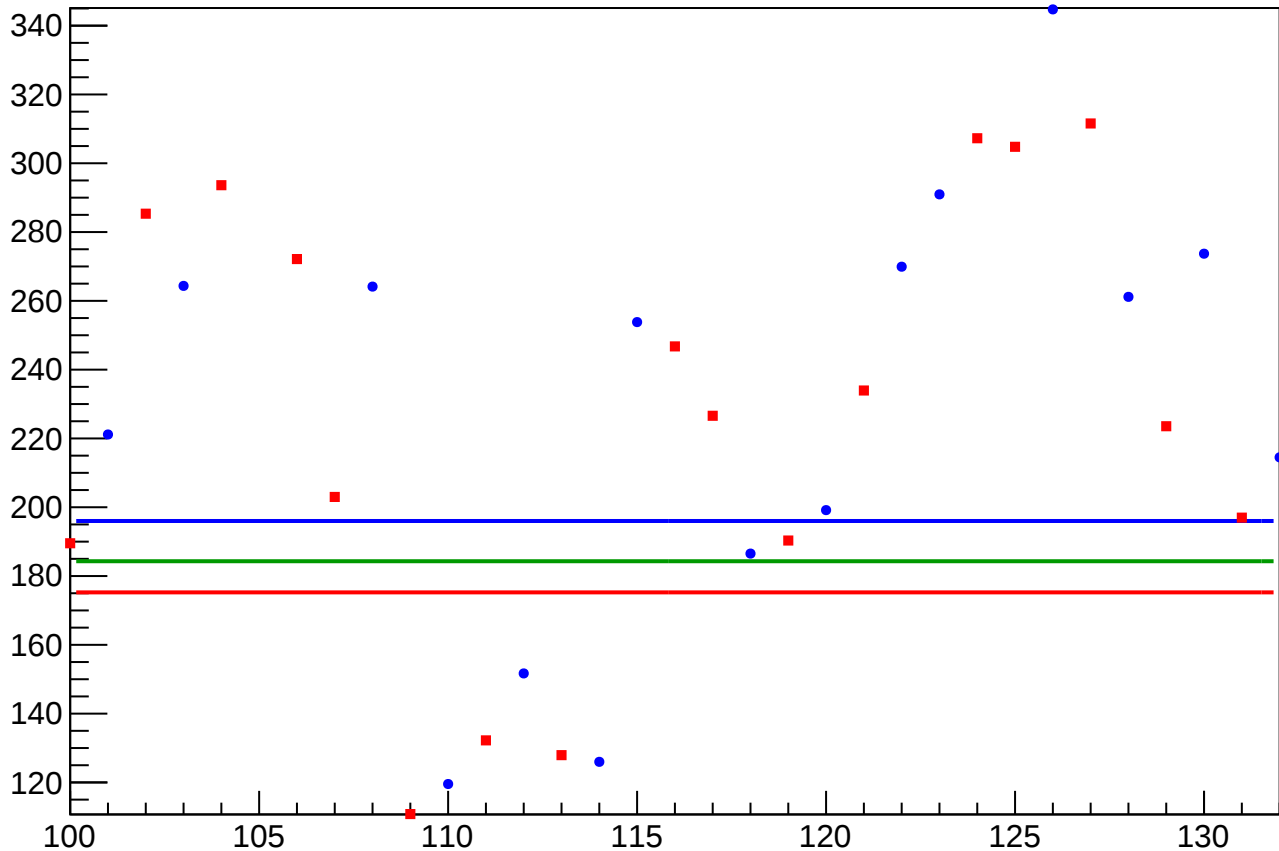
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

99.923 $\pm$ 88.137 χ^2 /NDF: 5.0/14

42.504 $\pm$ 58.220 χ^2 /NDF: 10.2/31

-1.945 $\pm$ 77.547 χ^2 /NDF: 4.4/16

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 196.004 $\pm$ 0.062 χ^2 /NDF: 924526.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 175.249 $\pm$ 0.055 χ^2 /NDF: 1393815.3/16

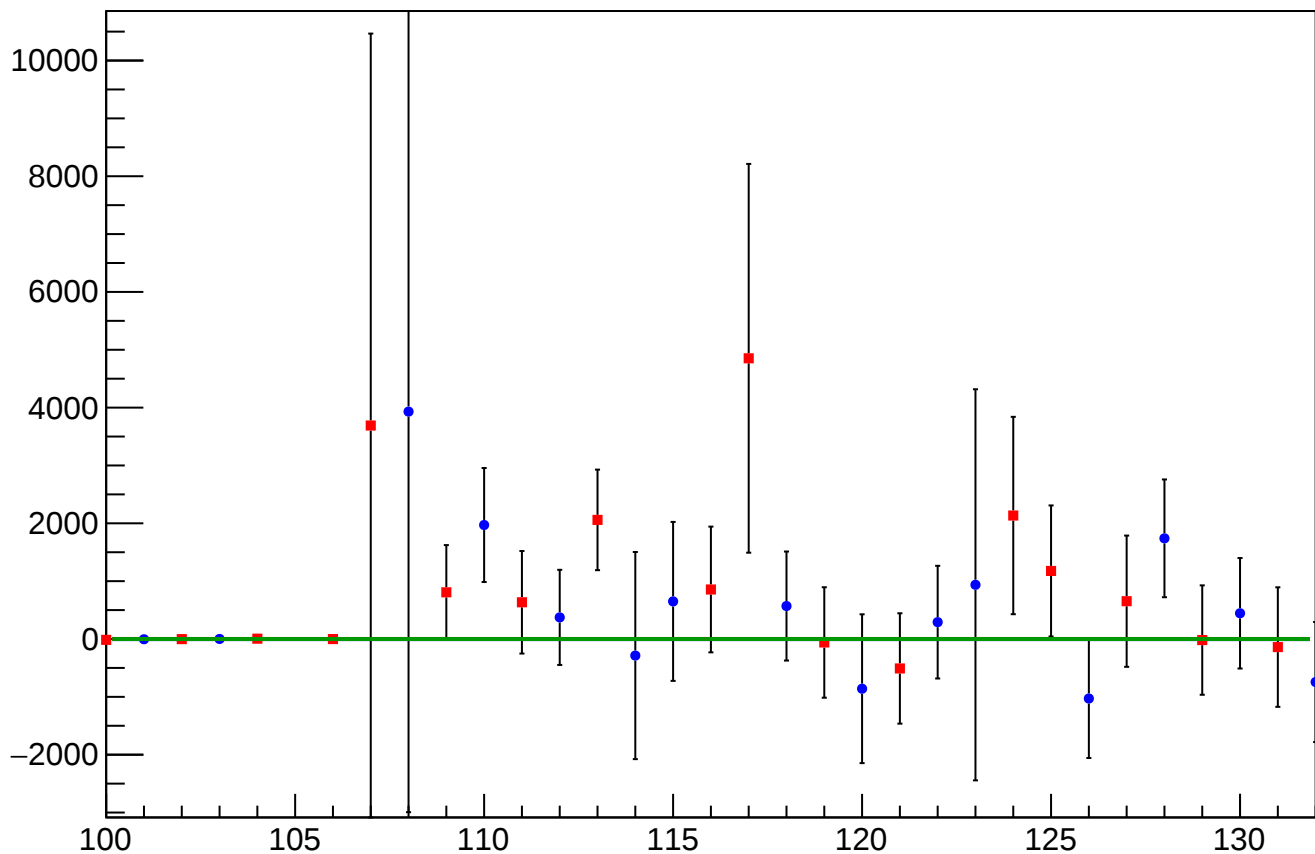
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.004 $\pm$ 0.062 χ^2 /NDF: 924526.0/14

184.305 $\pm$ 0.041 χ^2 /NDF: 2380851.1/31

175.249 $\pm$ 0.055 χ^2 /NDF: 1393815.3/16

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.500+/-2.251 χ^2/NDF : 11.7/14

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

Right Out: 0.744+/-2.111 χ^2/NDF : 19.3/16

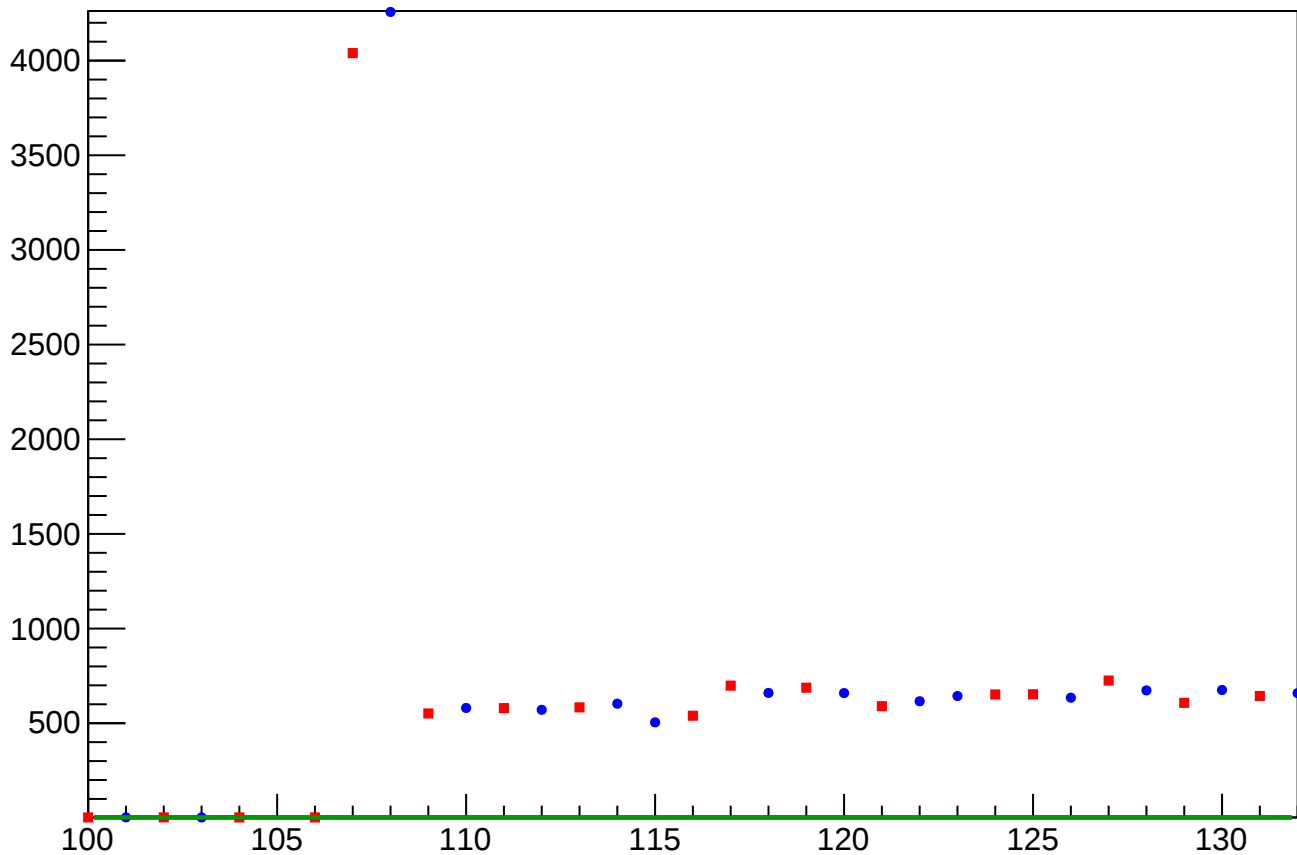
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.500+/-2.251 χ^2/NDF : 11.7/14

-0.306+/-1.540 χ^2/NDF : 31.6/31

0.744+/-2.111 χ^2/NDF : 19.3/16

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.443+/-0.002 χ^2/NDF : 8683077.8/14

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

Right Out: 2.426+/-0.001 χ^2/NDF : 9083839.5/16

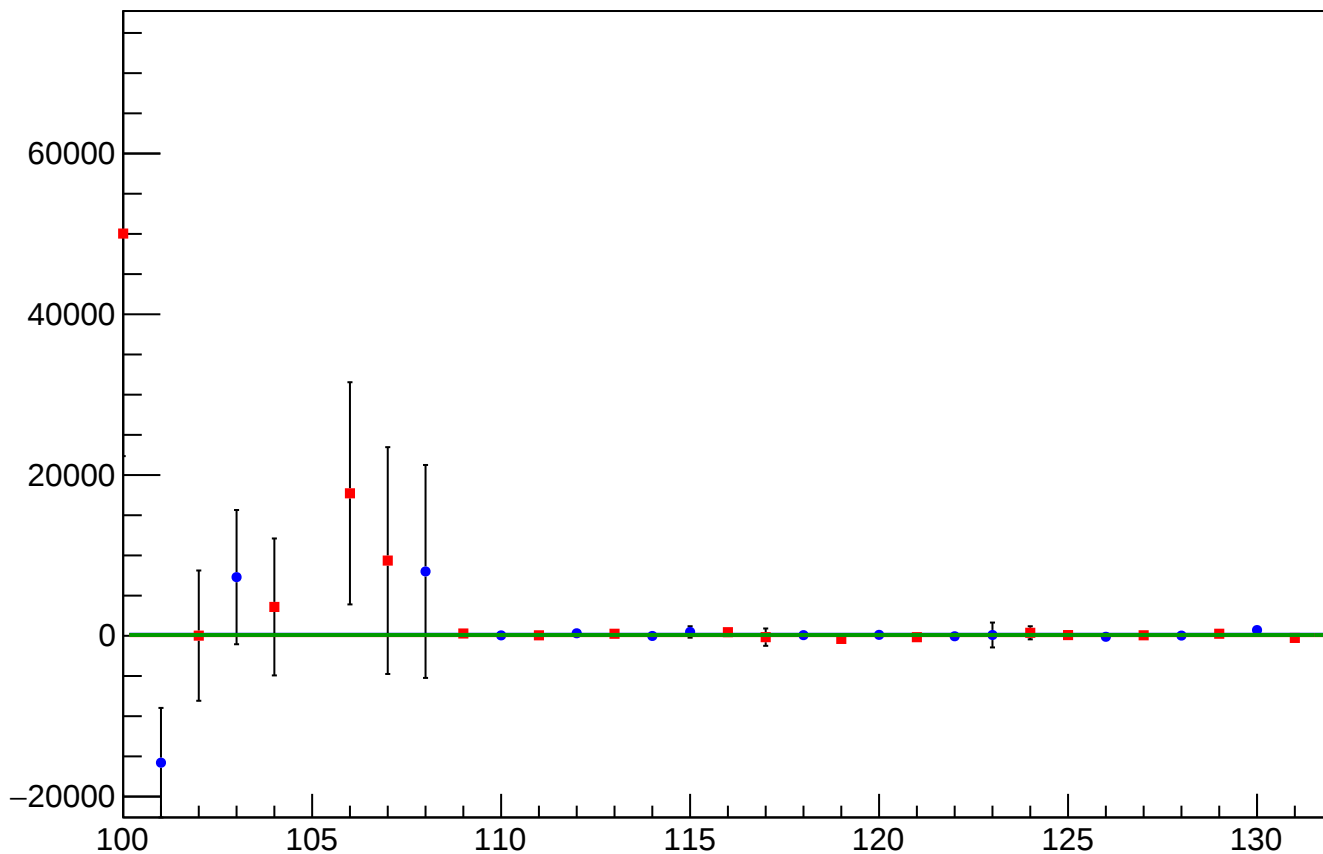
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.443+/-0.002 χ^2/NDF : 8683077.8/14

2.434+/-0.001 χ^2/NDF : 17766973.9/31

2.426+/-0.001 χ^2/NDF : 9083839.5/16

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 126.806+/-100.691 χ^2/NDF : 10.8/14

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

Right Out: 87.523+/-93.199 χ^2/NDF : 12.1/16

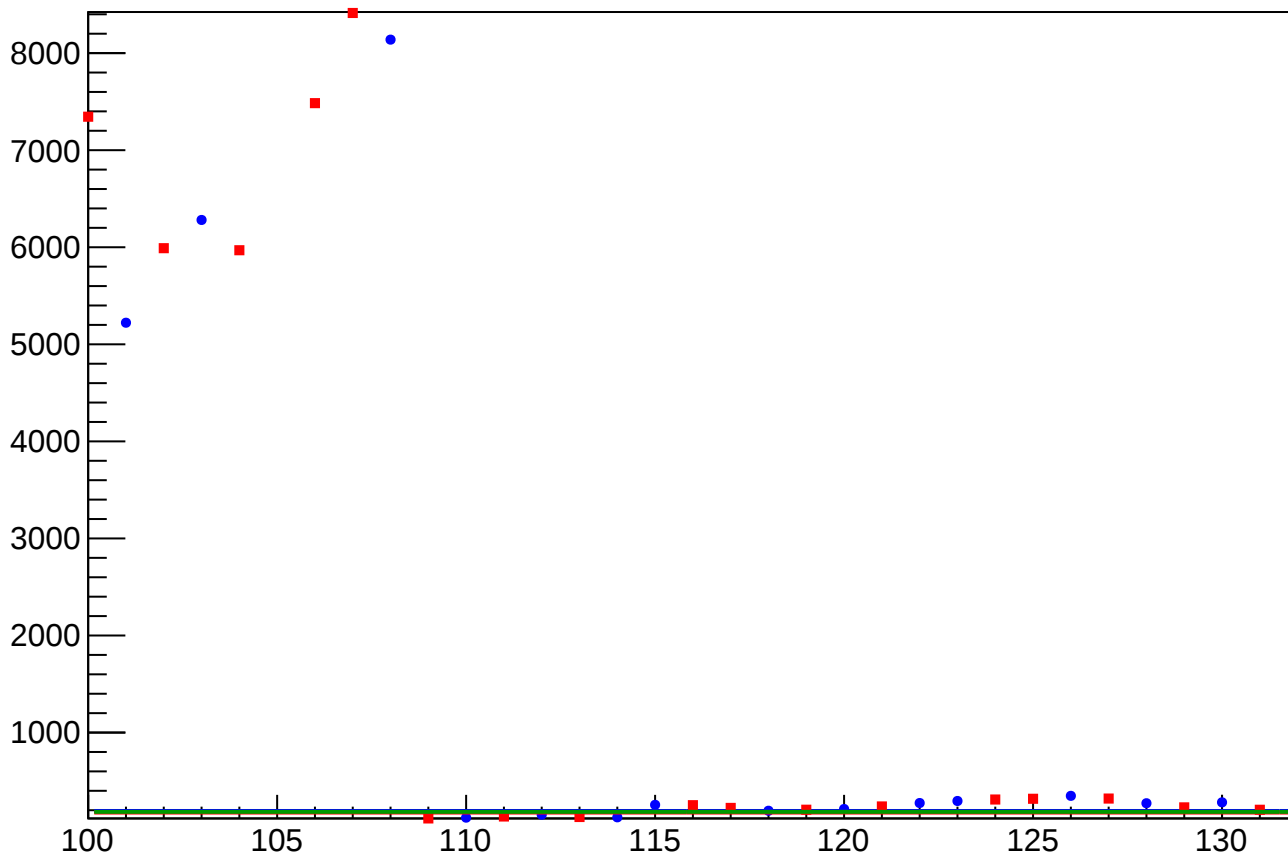
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

126.806+/-100.691 χ^2/NDF : 10.8/14

105.649+/-68.397 χ^2/NDF : 23.0/31

87.523+/-93.199 χ^2/NDF : 12.1/16

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 191.987+/-0.071 χ^2/NDF : 3637033.5/14

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

Right Out: 176.205+/-0.066 χ^2/NDF : 4181520.8/16

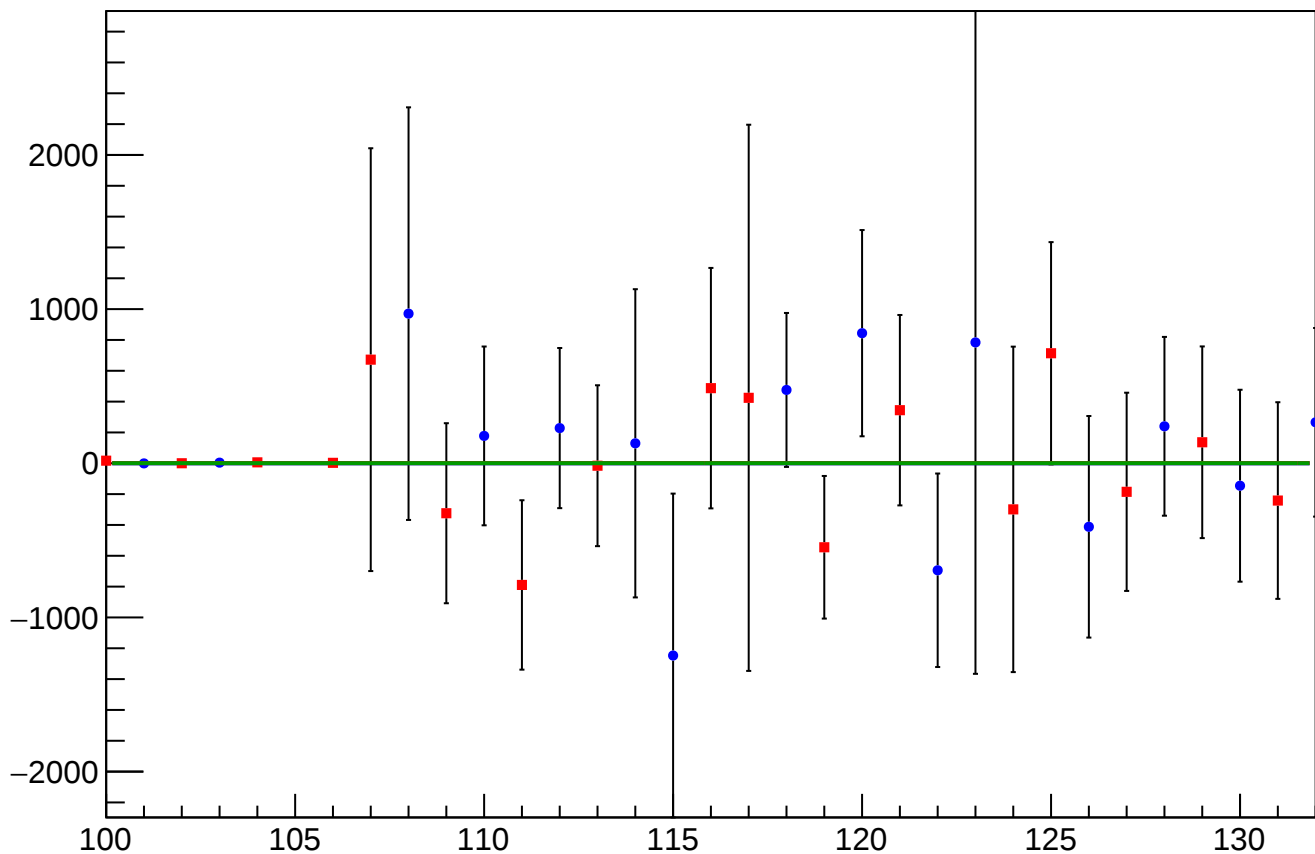
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.987+/-0.071 χ^2/NDF : 3637033.5/14

183.487+/-0.048 χ^2/NDF : 7845016.1/31

176.205+/-0.066 χ^2/NDF : 4181520.8/16

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.150 ± 1.737 χ^2/NDF : 7.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.325 ± 1.623 χ^2/NDF : 8.8/16

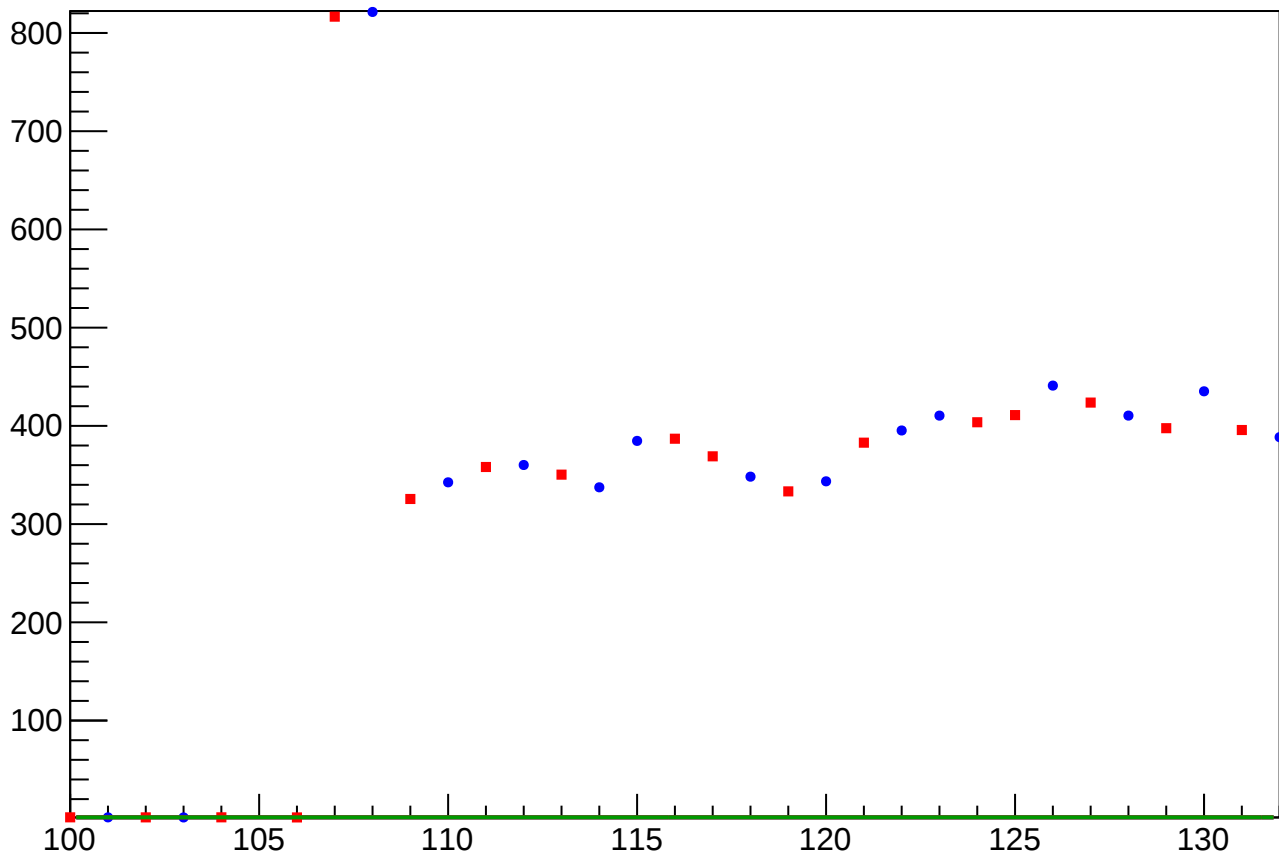
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.150 ± 1.737 χ^2/NDF : 7.7/14

0.637 ± 1.186 χ^2/NDF : 16.9/31

1.325 ± 1.623 χ^2/NDF : 8.8/16

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.444+/-0.001 χ^2/NDF : 8753190.7/14

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

Right Out: 1.444+/-0.001 χ^2/NDF : 8803784.0/16

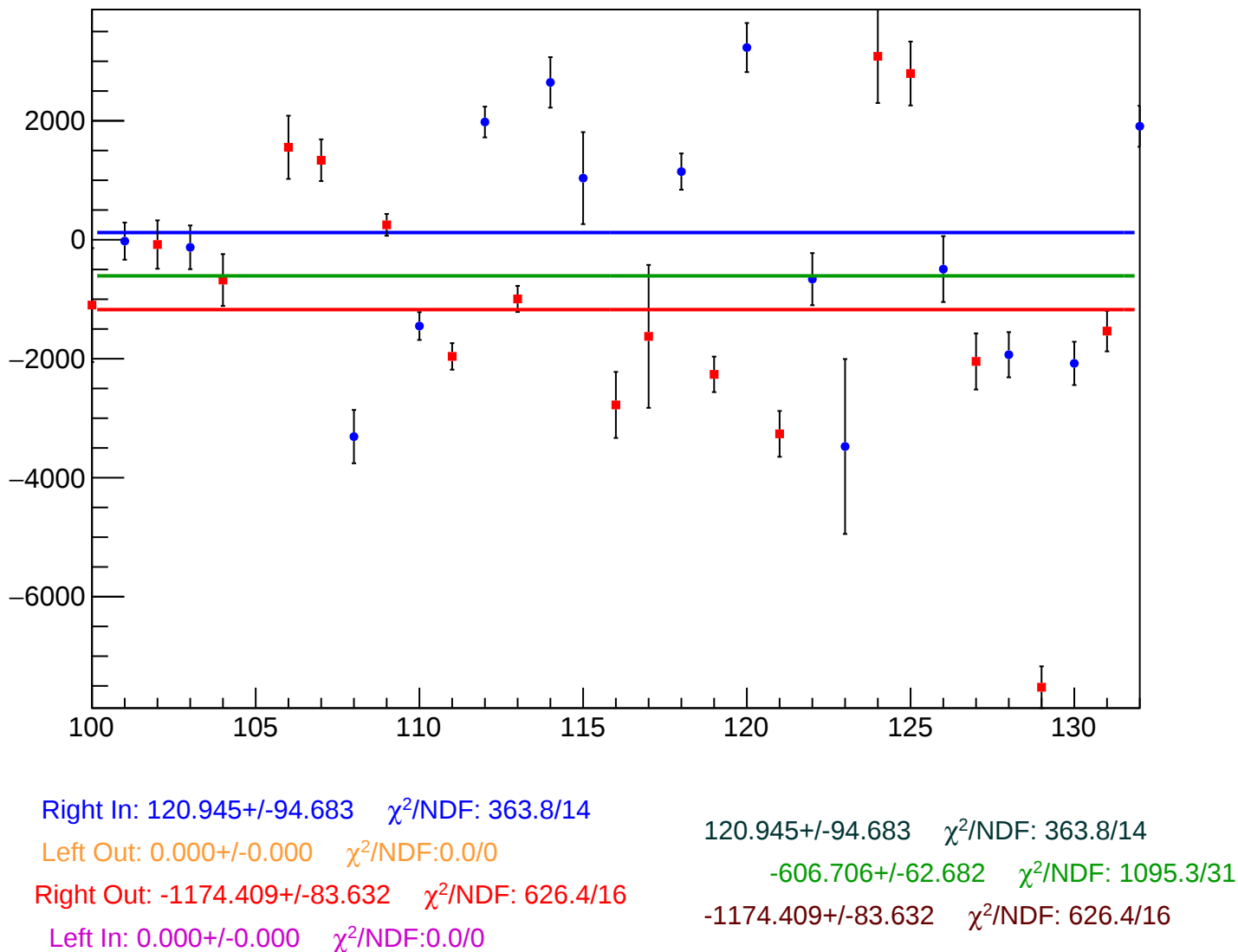
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.444+/-0.001 χ^2/NDF : 8753190.7/14

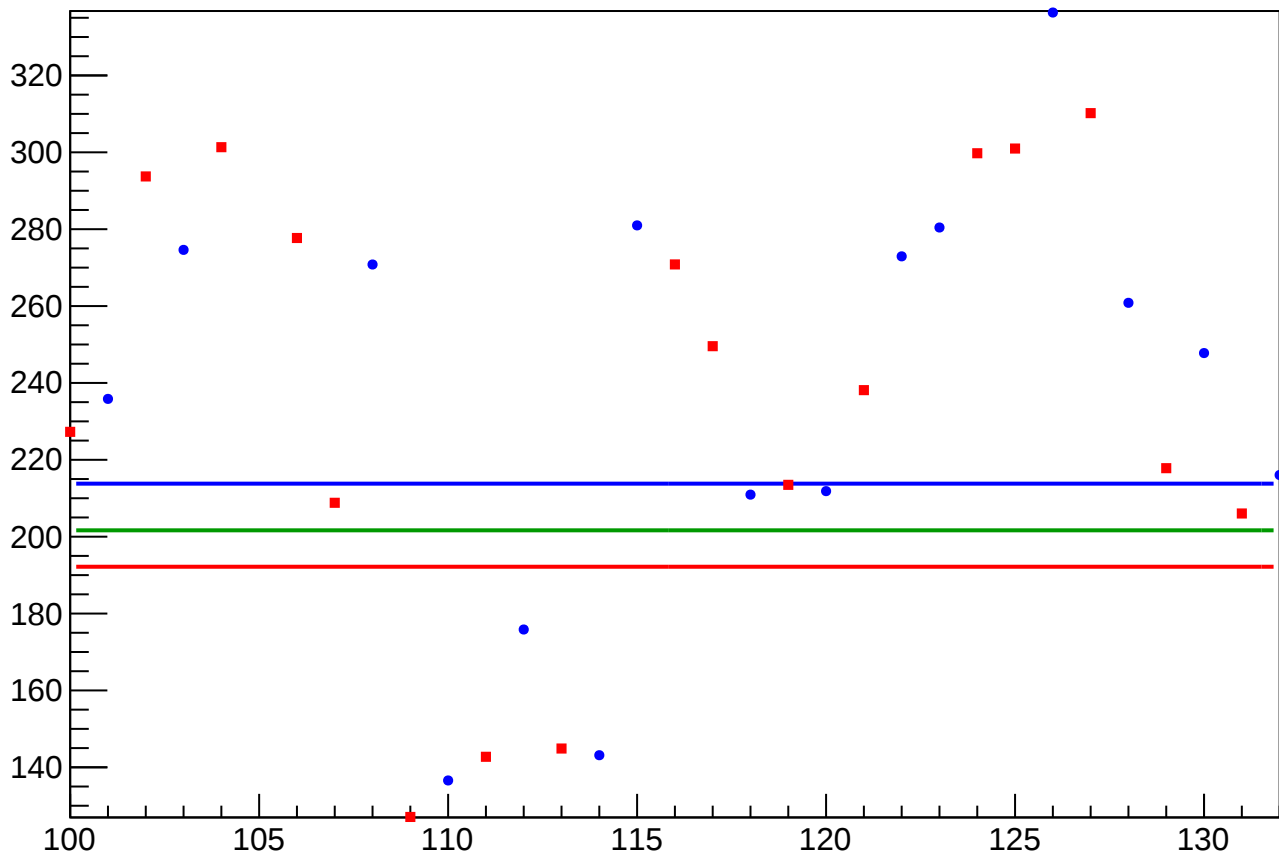
1.444+/-0.001 χ^2/NDF : 17556974.7/31

1.444+/-0.001 χ^2/NDF : 8803784.0/16

asym_bcm0l02_mean vs Slug, Sign Corrected



asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 213.797 $\pm$ 0.067 χ^2 /NDF: 615456.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.181 $\pm$ 0.059 χ^2 /NDF: 1095255.6/16

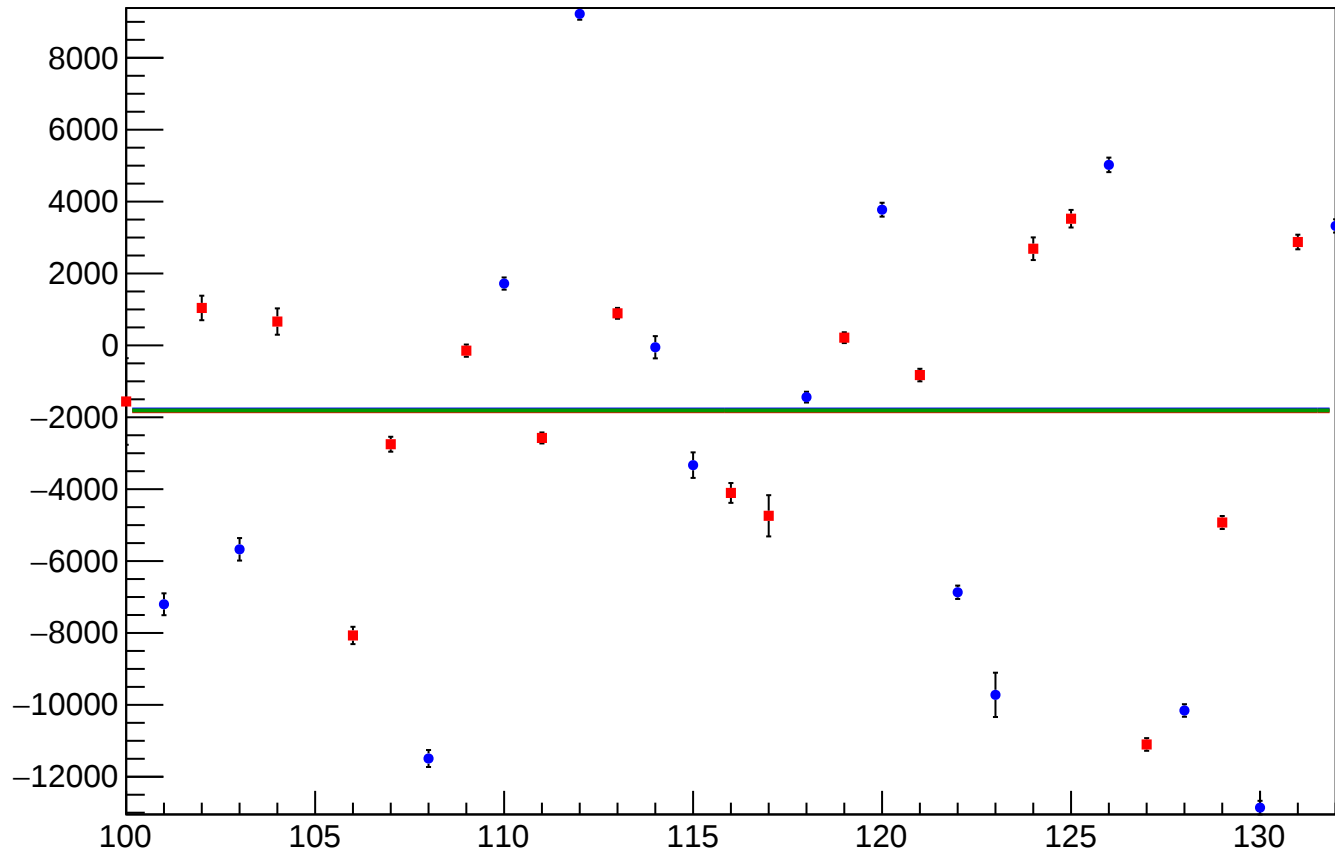
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

213.797 $\pm$ 0.067 χ^2 /NDF: 615456.3/14

201.655 $\pm$ 0.044 χ^2 /NDF: 1769268.6/31

192.181 $\pm$ 0.059 χ^2 /NDF: 1095255.6/16

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1784.961+/-53.686 χ^2 /NDF: 16564.8/14

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

Right Out: -1830.882+/-50.965 χ^2 /NDF: 5843.1/16

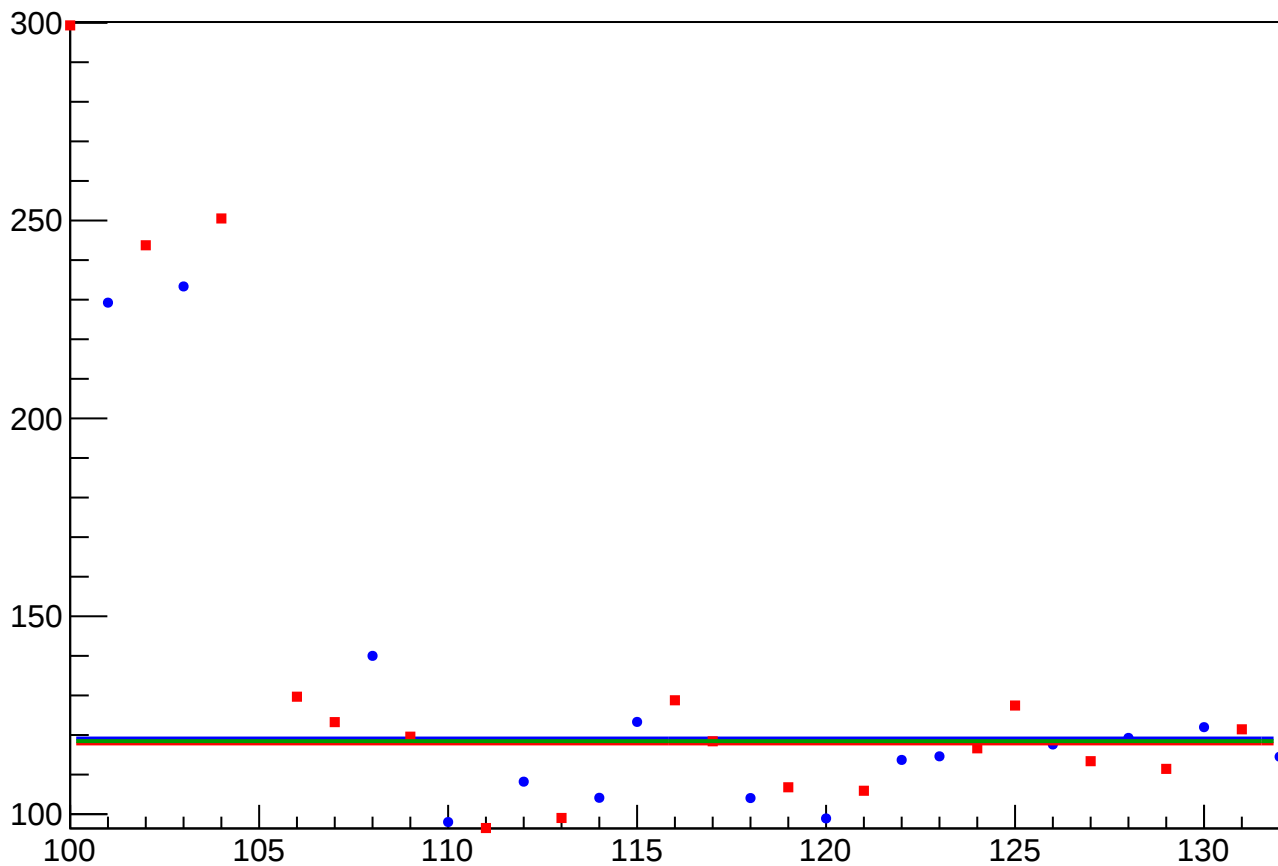
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1784.961+/-53.686 χ^2 /NDF: 16564.8/14

-1809.114+/-36.962 χ^2 /NDF: 22408.3/31

-1830.882+/-50.965 χ^2 /NDF: 5843.1/16

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.108 $\pm$ 0.038 χ^2 /NDF: 634300.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.878 $\pm$ 0.036 χ^2 /NDF: 687119.2/16

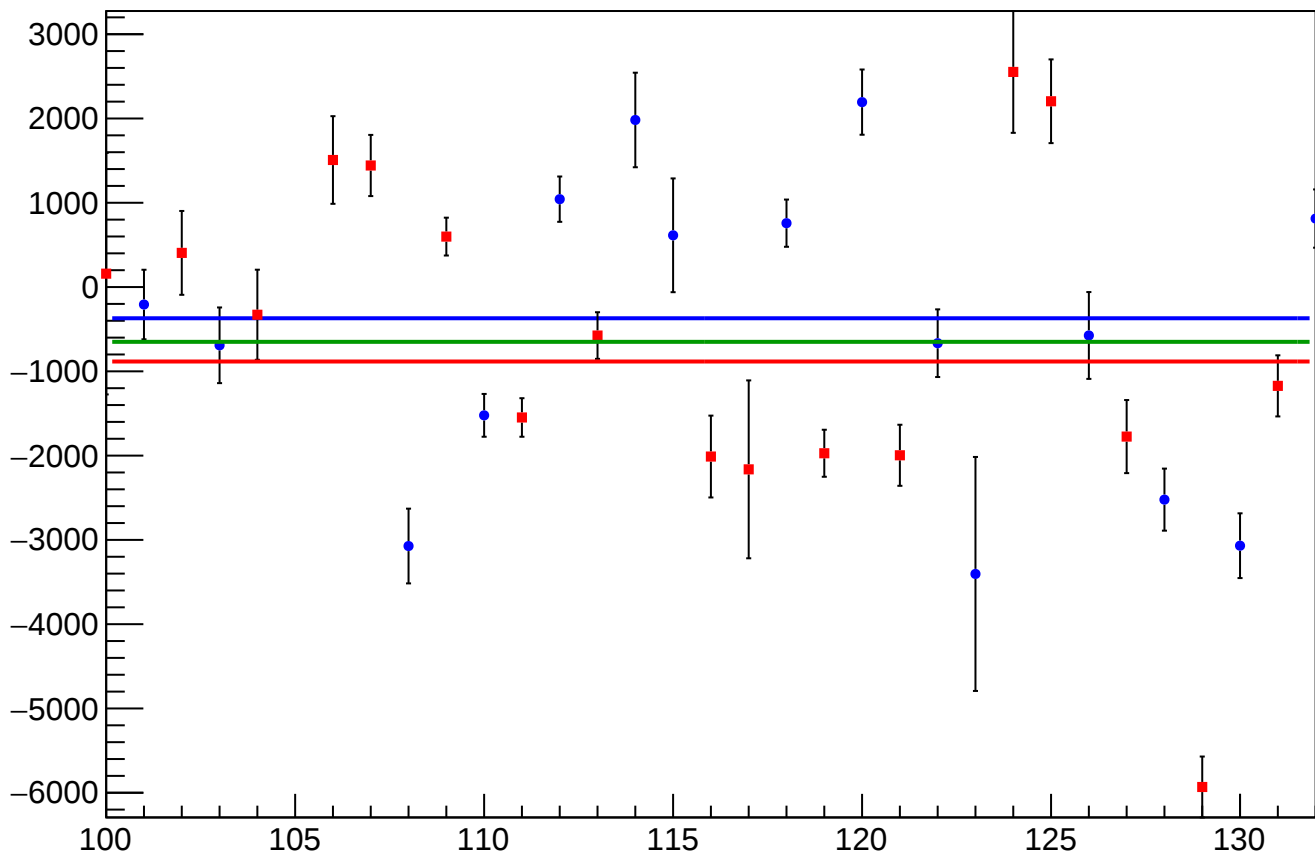
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

119.108 $\pm$ 0.038 χ^2 /NDF: 634300.6/14

118.461 $\pm$ 0.026 χ^2 /NDF: 1321972.0/31

117.878 $\pm$ 0.036 χ^2 /NDF: 687119.2/16

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -370.304+/-98.503 χ^2/NDF : 266.5/14

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

Right Out: -883.415+/-89.982 χ^2/NDF : 416.5/16

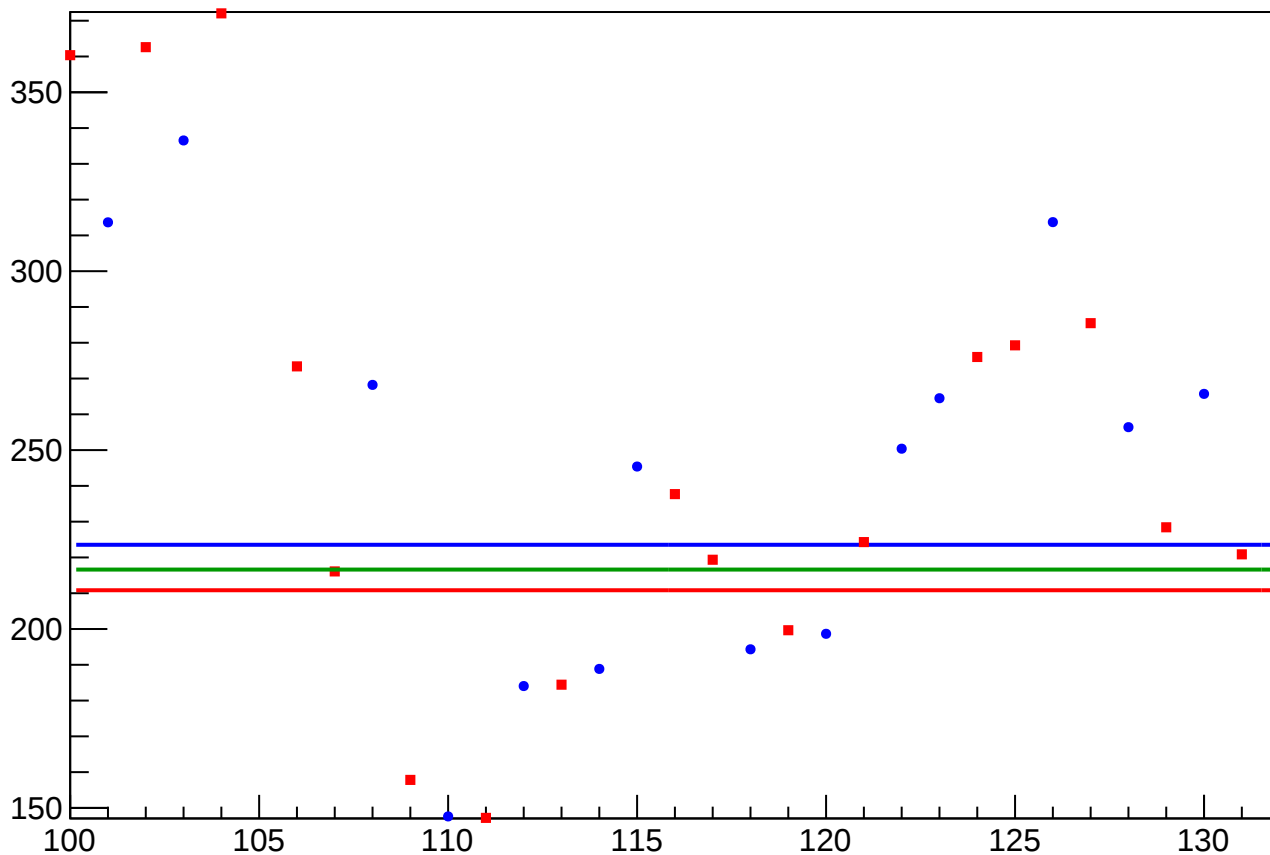
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-370.304+/-98.503 χ^2/NDF : 266.5/14

-650.010+/-66.435 χ^2/NDF : 697.9/31

-883.415+/-89.982 χ^2/NDF : 416.5/16

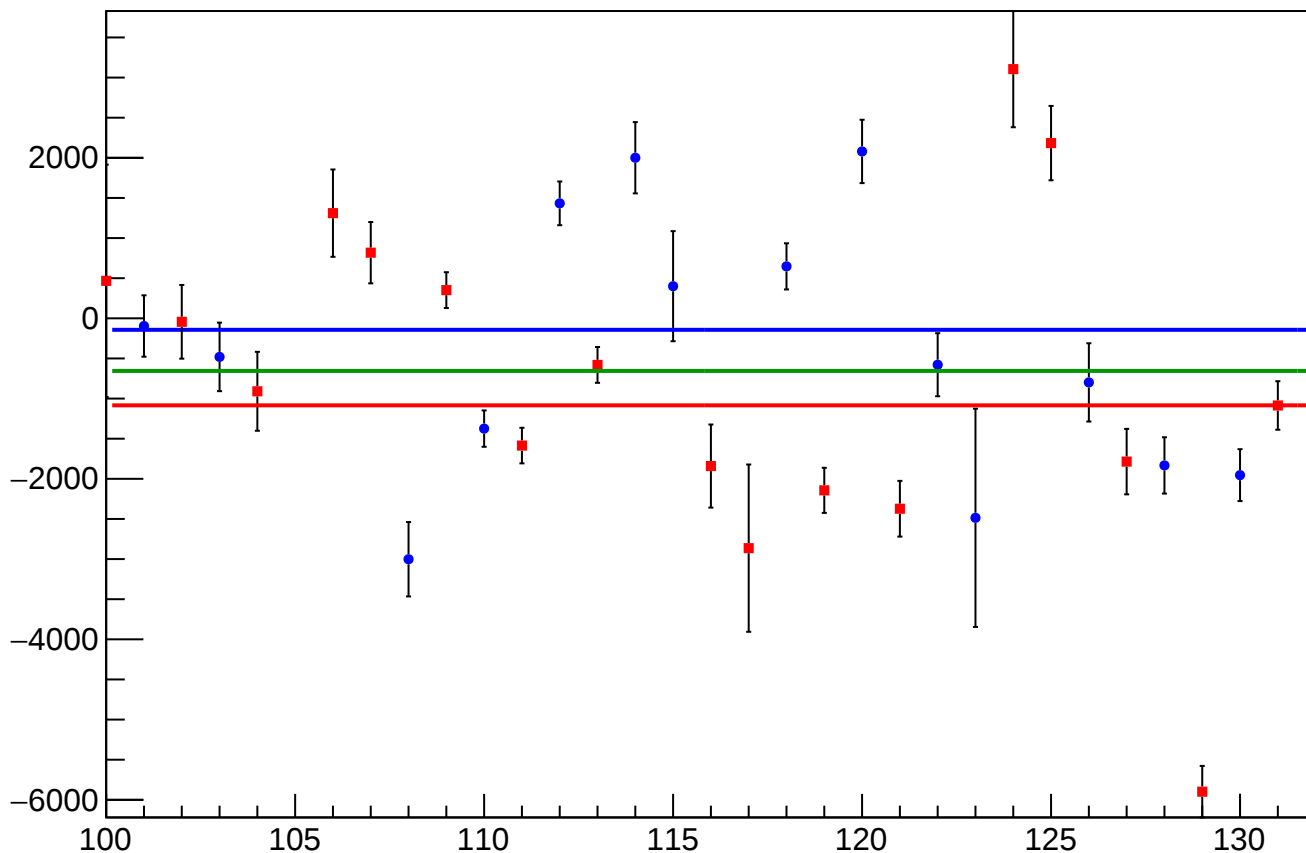
asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 223.539 +/- 0.070 χ^2/NDF : 616630.4/14
 Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Right Out: 210.833 +/- 0.064 χ^2/NDF : 835781.7/16
 Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

223.539 +/- 0.070 χ^2/NDF : 616630.4/14
 216.613 +/- 0.047 χ^2/NDF : 1470551.6/31
 210.833 +/- 0.064 χ^2/NDF : 835781.7/16

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -143.143+/-92.737 χ^2/NDF : 258.5/14

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

Right Out: -1084.287+/-84.849 χ^2/NDF : 446.1/16

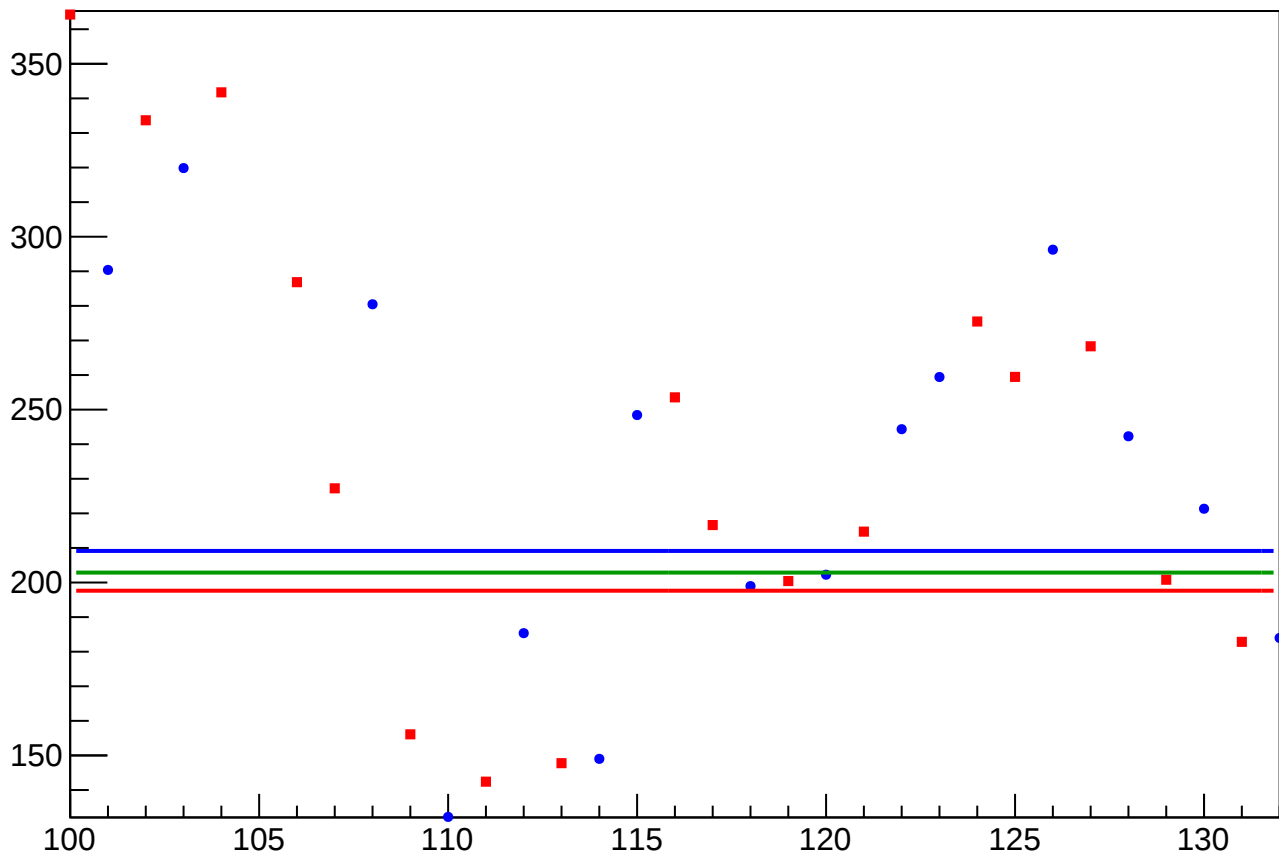
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-143.143+/-92.737 χ^2/NDF : 258.5/14

-655.436+/-62.601 χ^2/NDF : 760.7/31

-1084.287+/-84.849 χ^2/NDF : 446.1/16

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 209.137+/-0.066 χ^2/NDF : 682569.3/14

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

Right Out: 197.636+/-0.060 χ^2/NDF : 885619.1/16

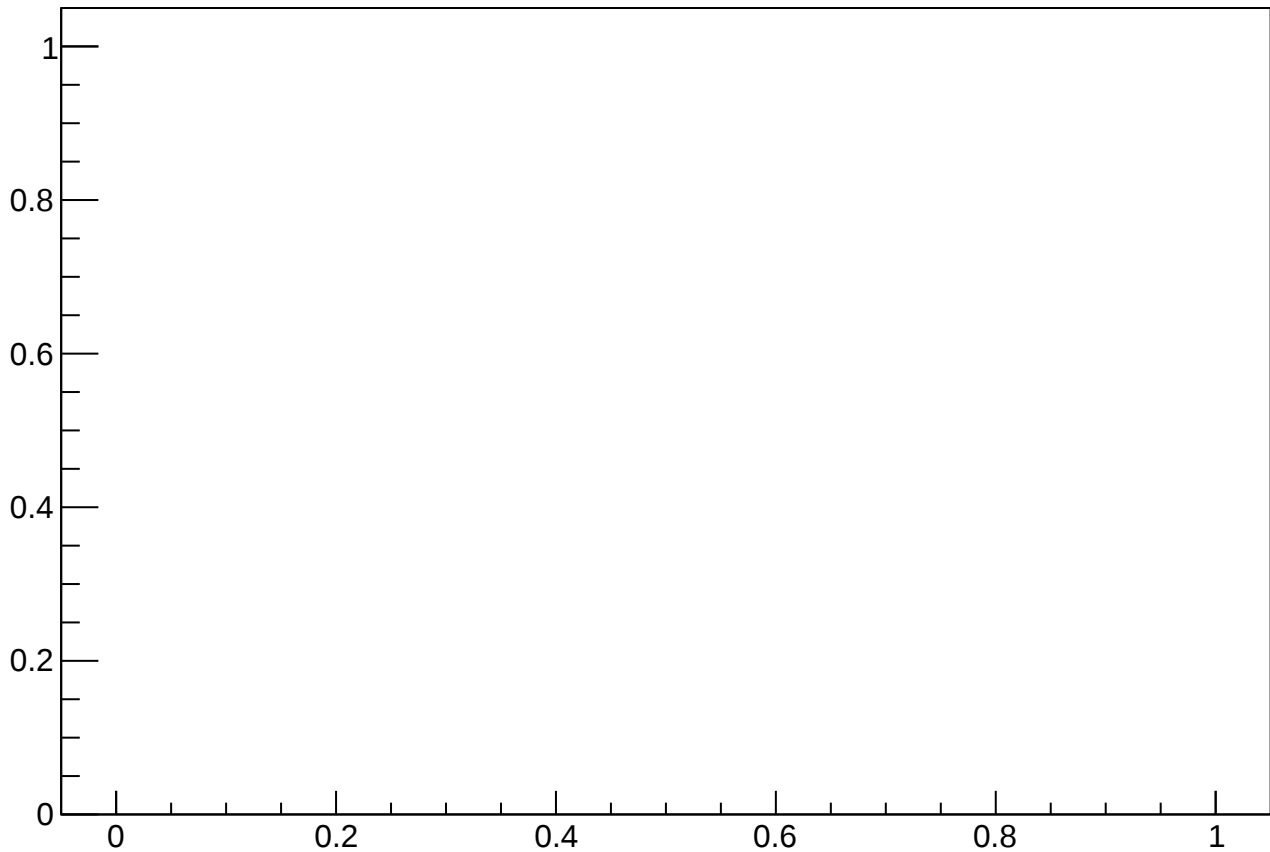
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

209.137+/-0.066 χ^2/NDF : 682569.3/14

202.877+/-0.044 χ^2/NDF : 1584930.1/31

197.636+/-0.060 χ^2/NDF : 885619.1/16

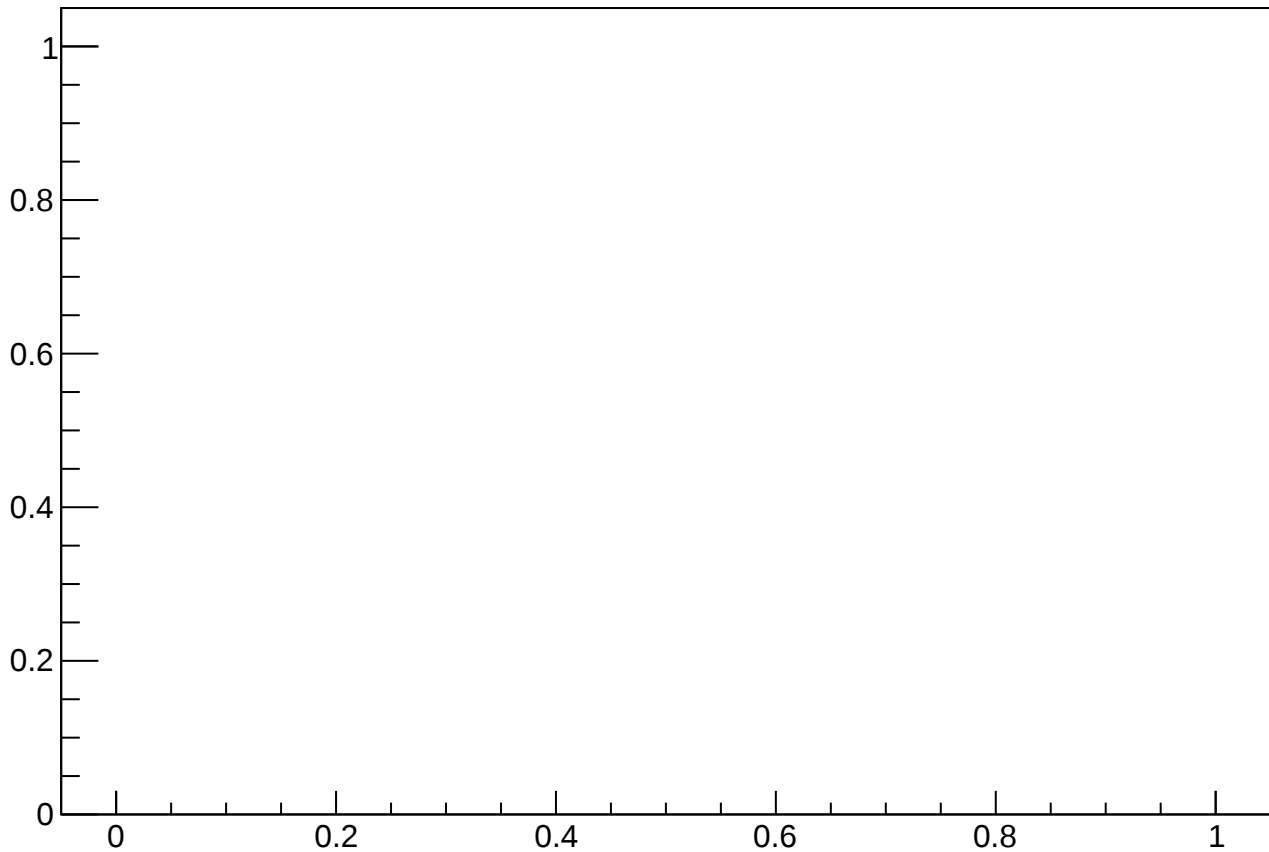
bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

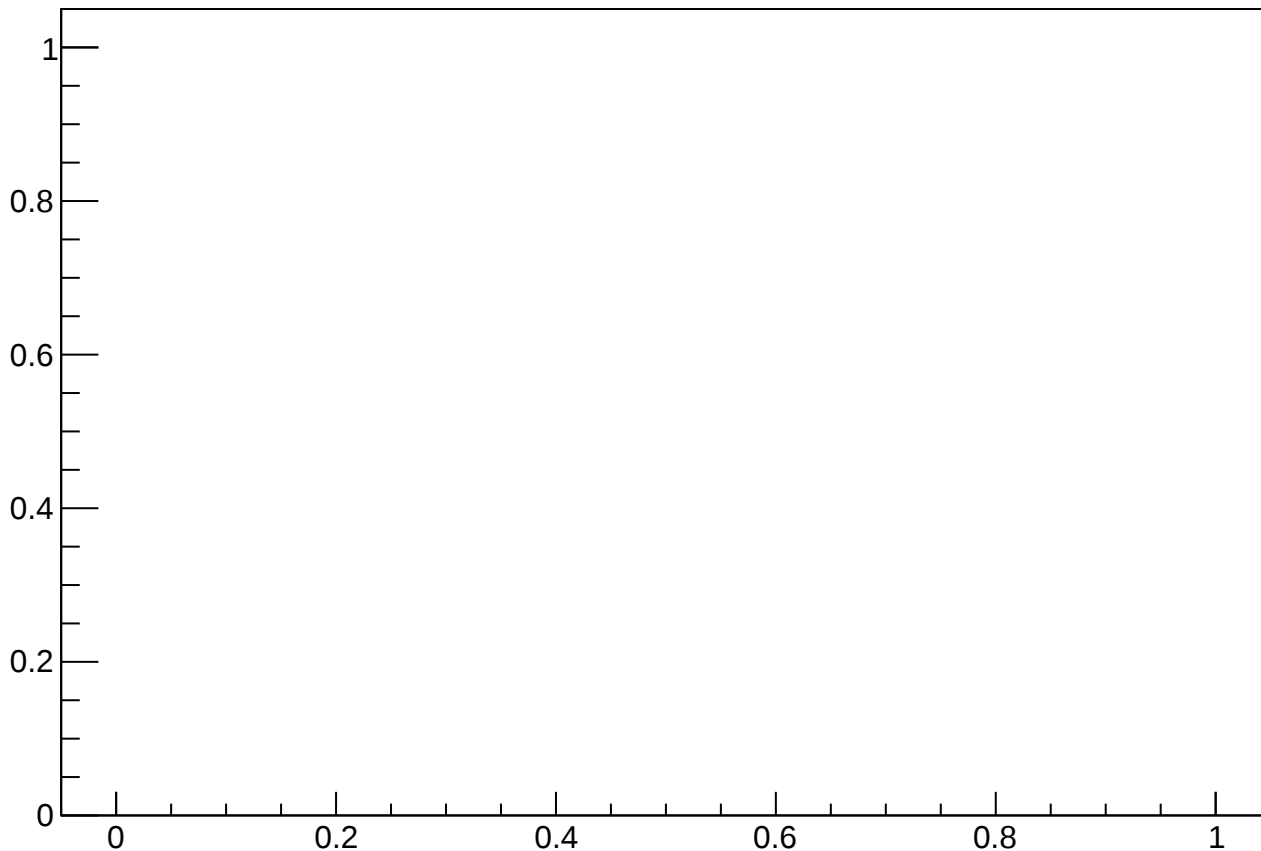
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

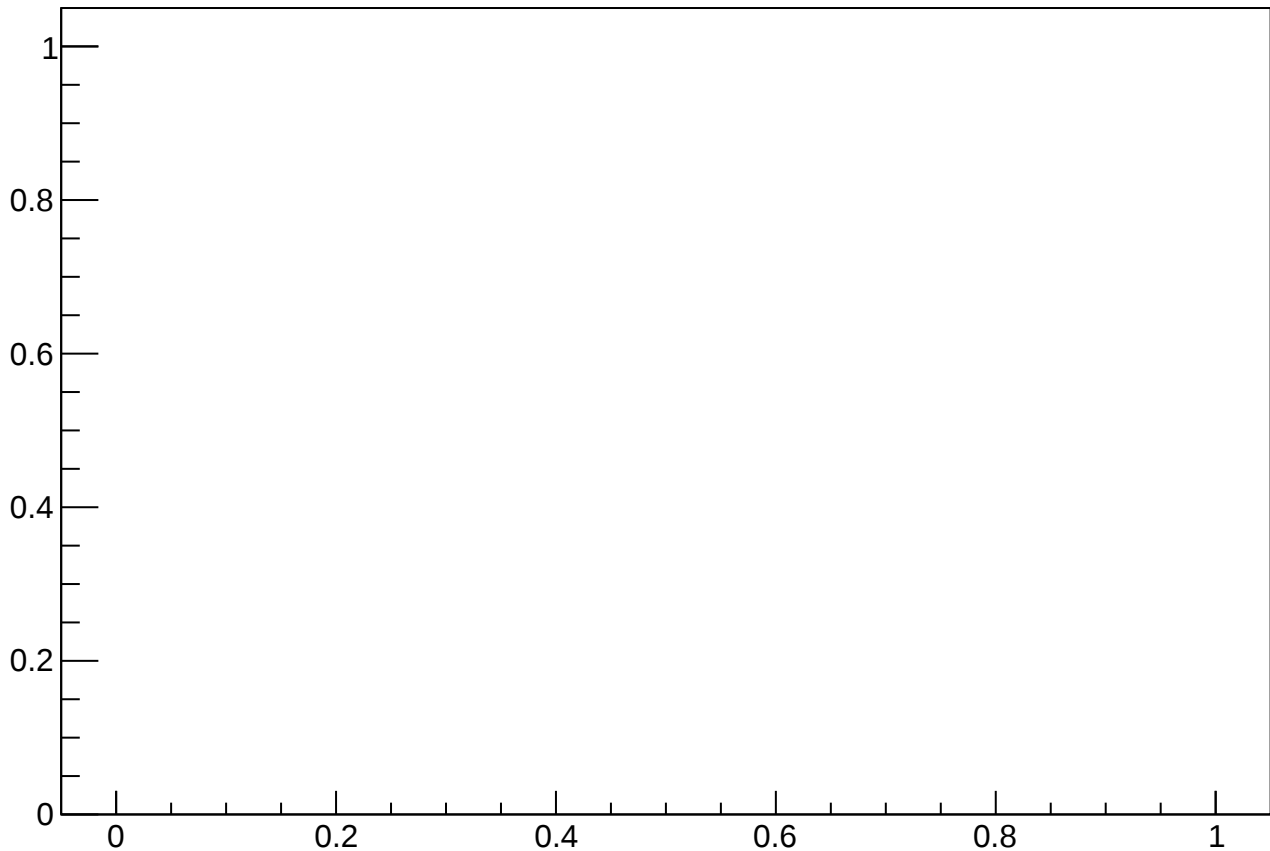
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

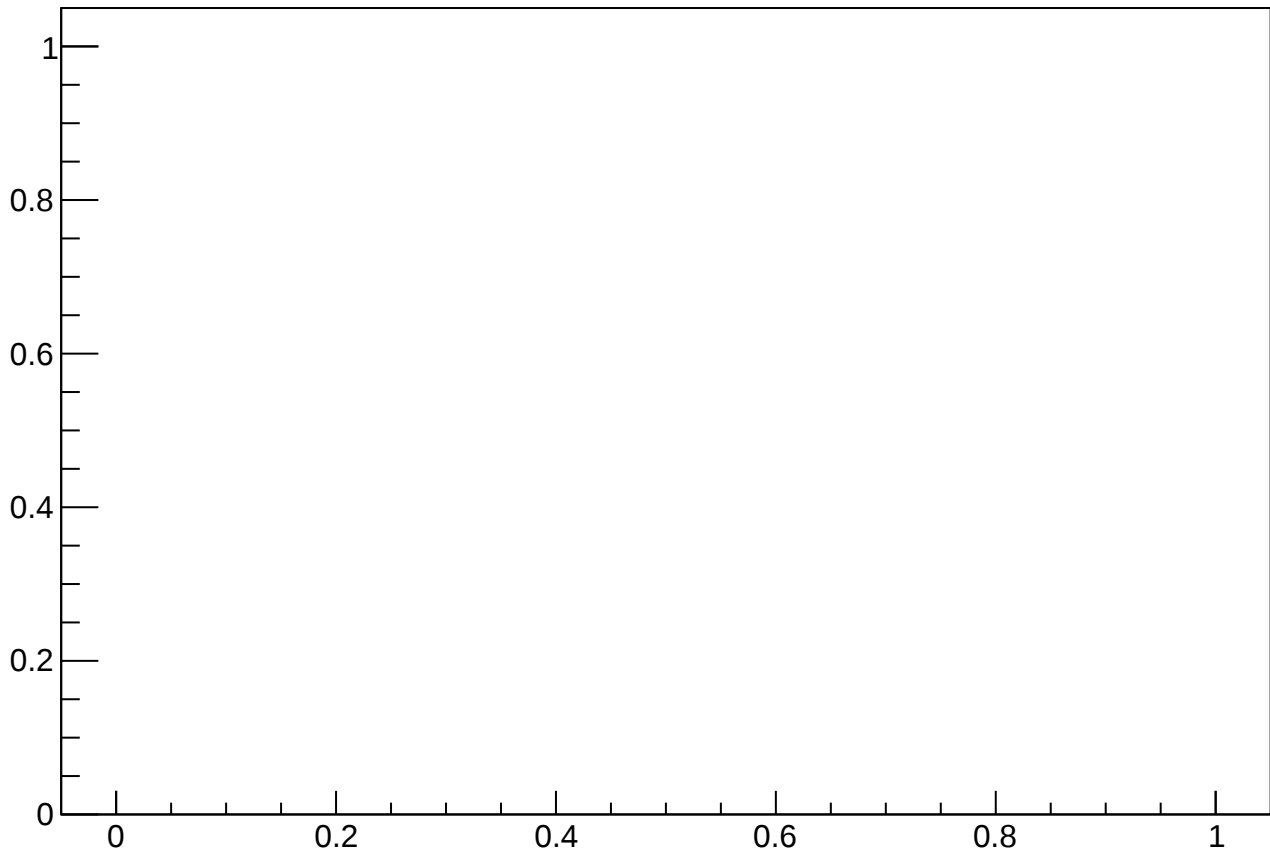
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

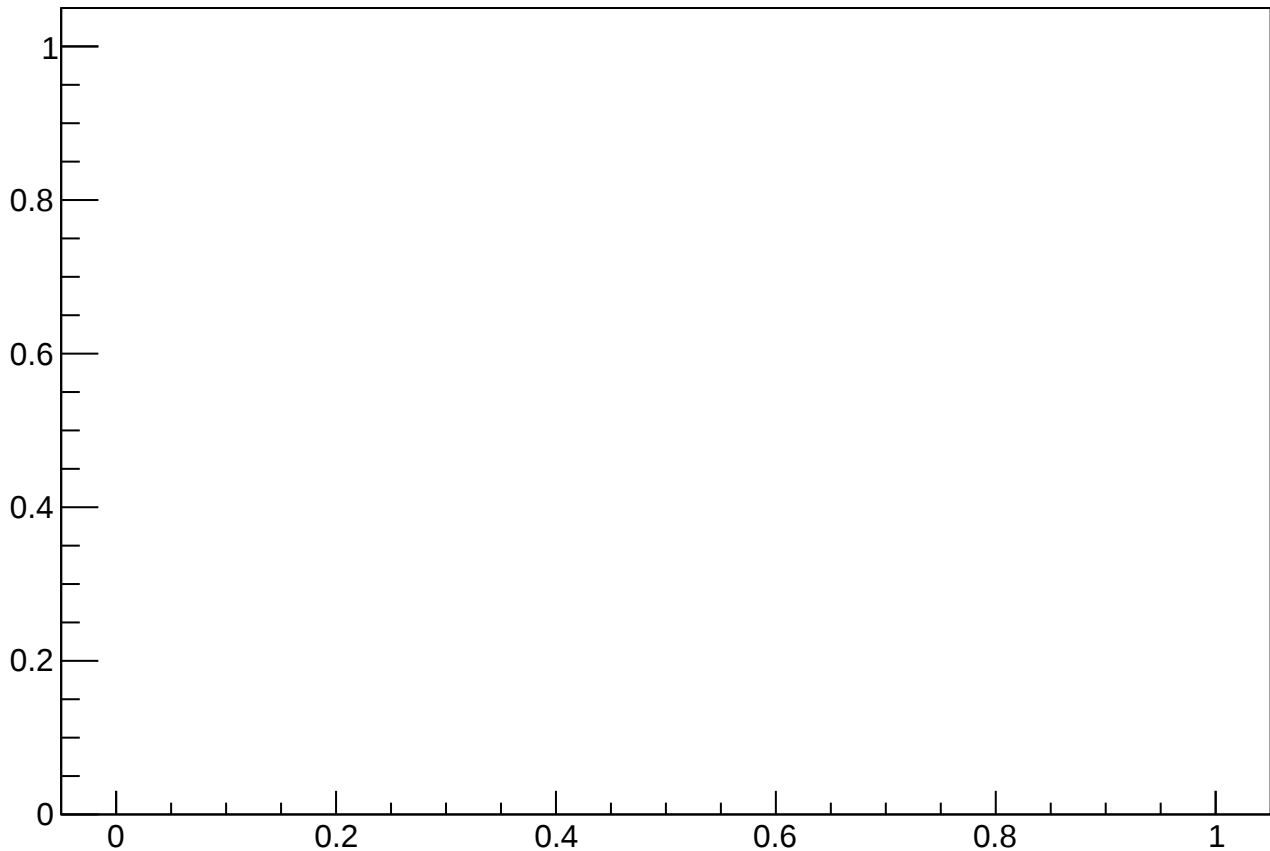
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

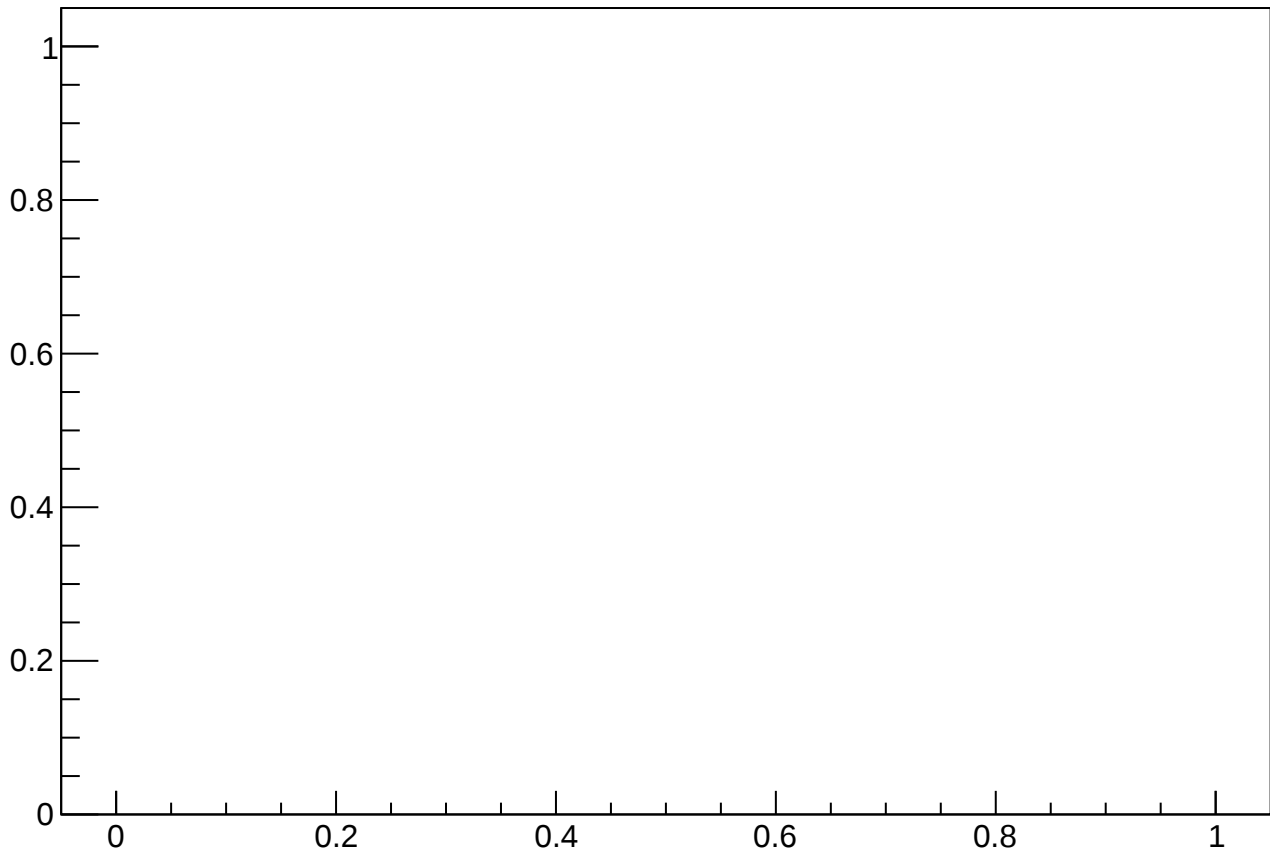
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

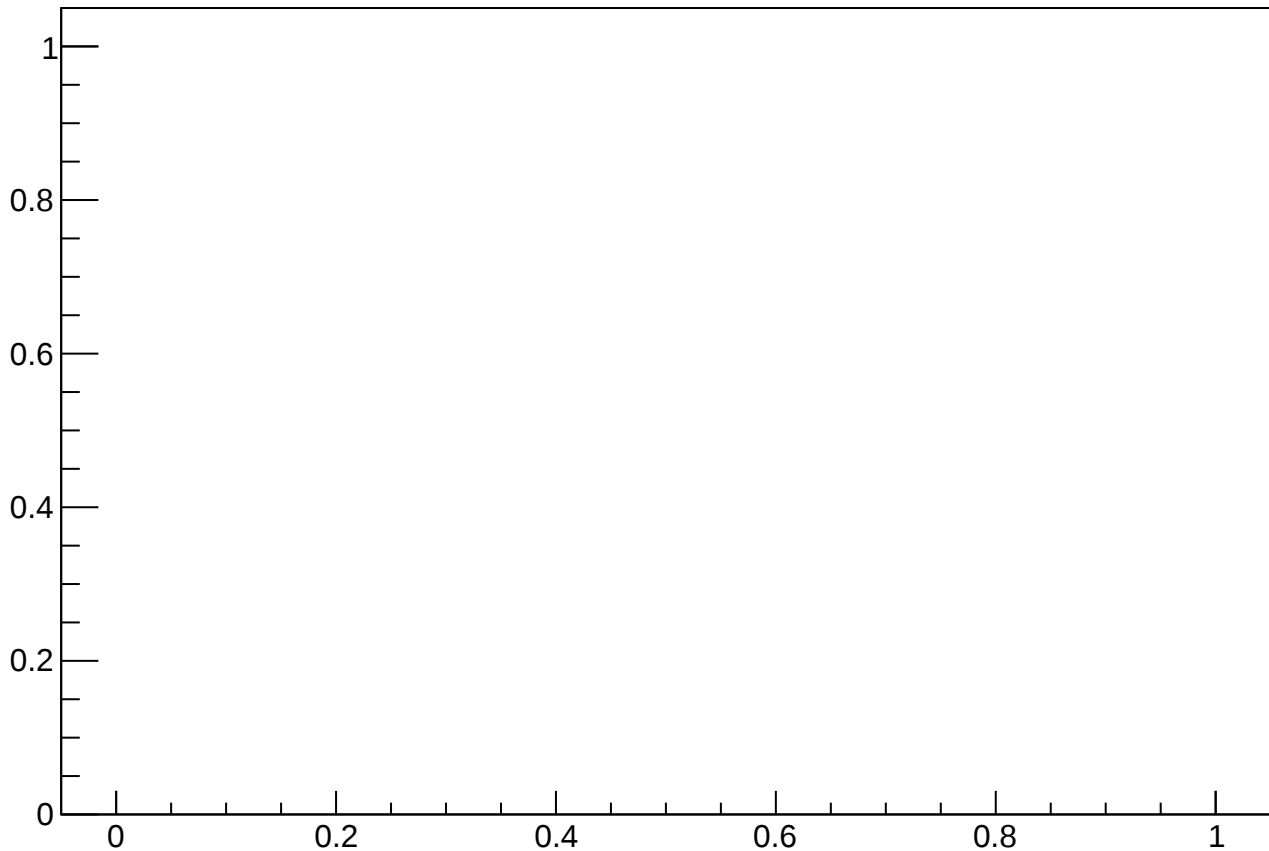
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

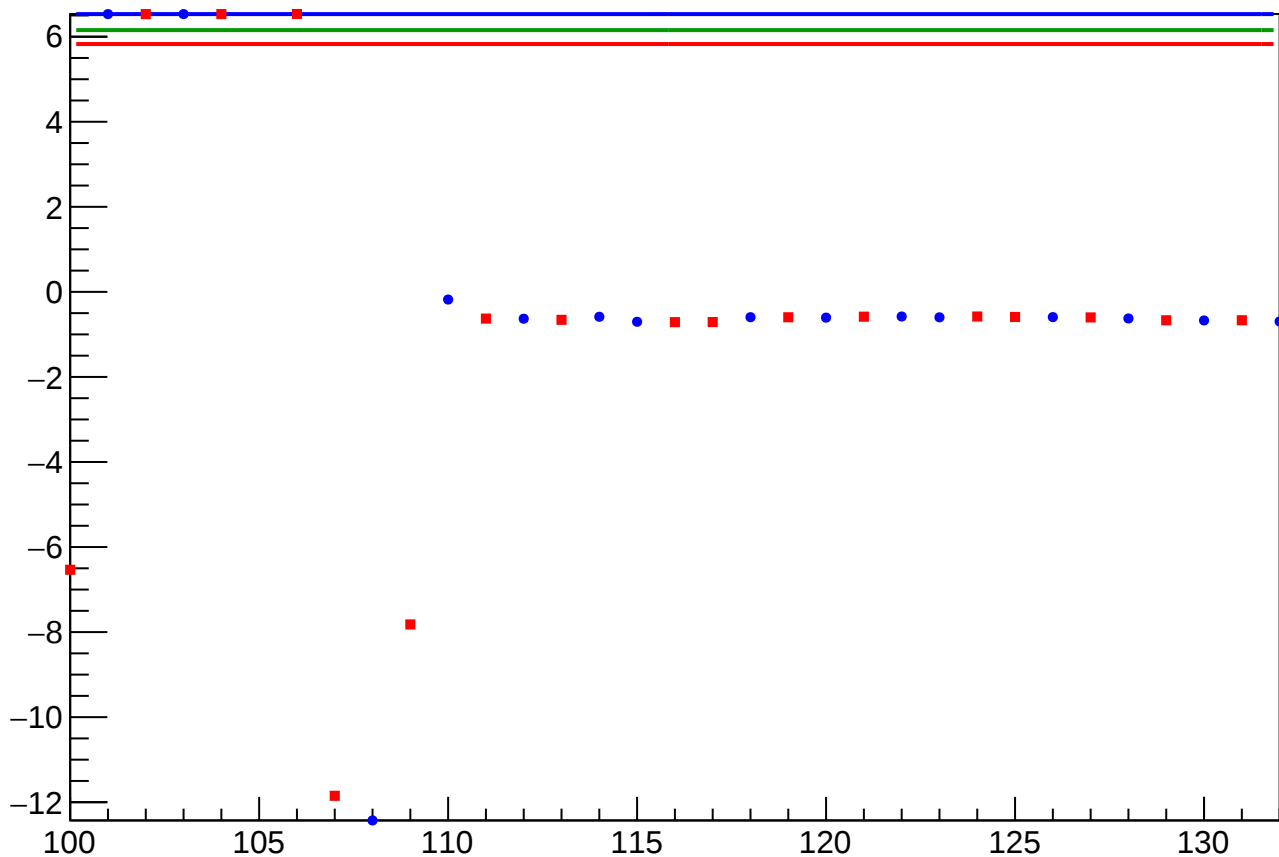
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 97243967504.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755943111048869.1/16

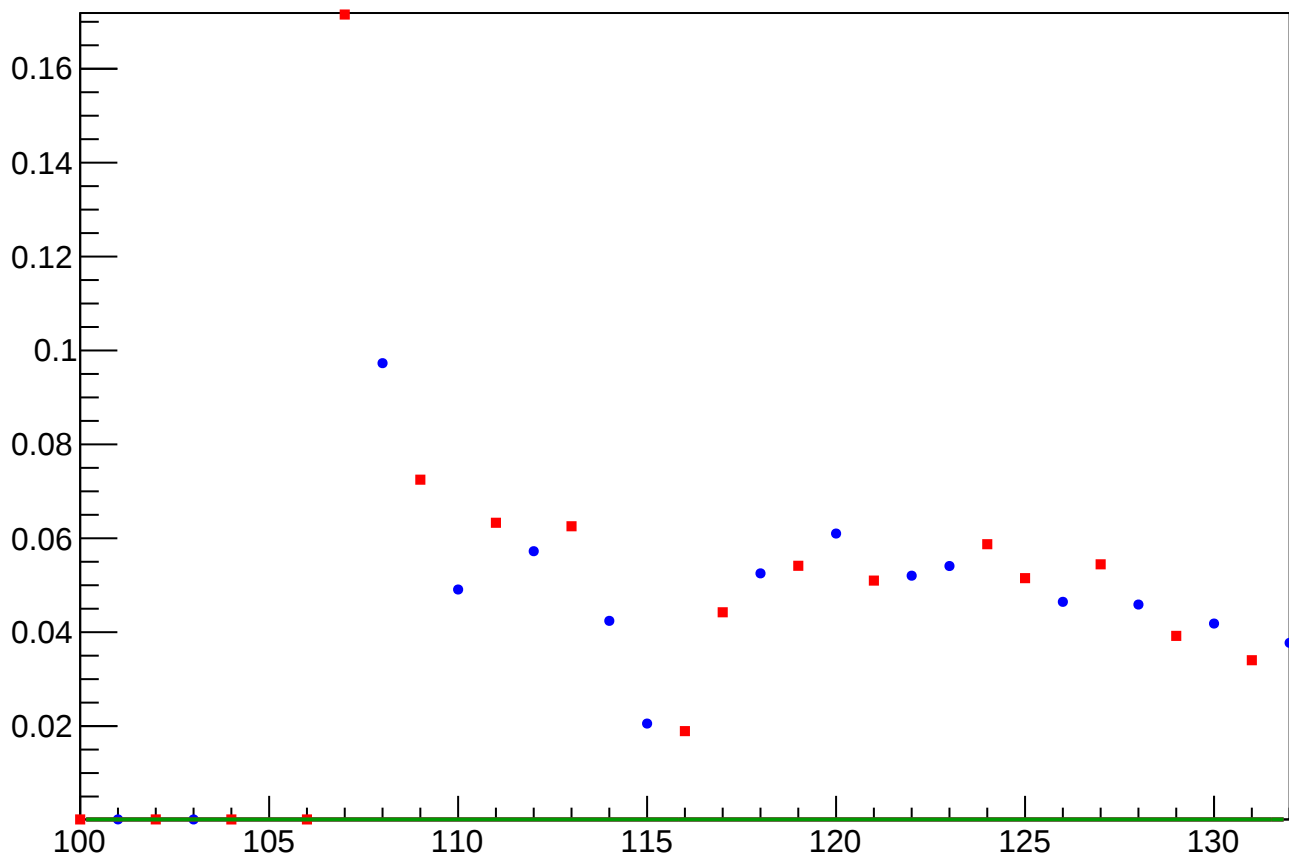
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 97243967504.4/14

6.155 $\pm$ 0.000 χ^2 /NDF: 77604546558597

5.827 $\pm$ 0.000 χ^2 /NDF: 755943111048869.1/16

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7412693.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7684979.8/16

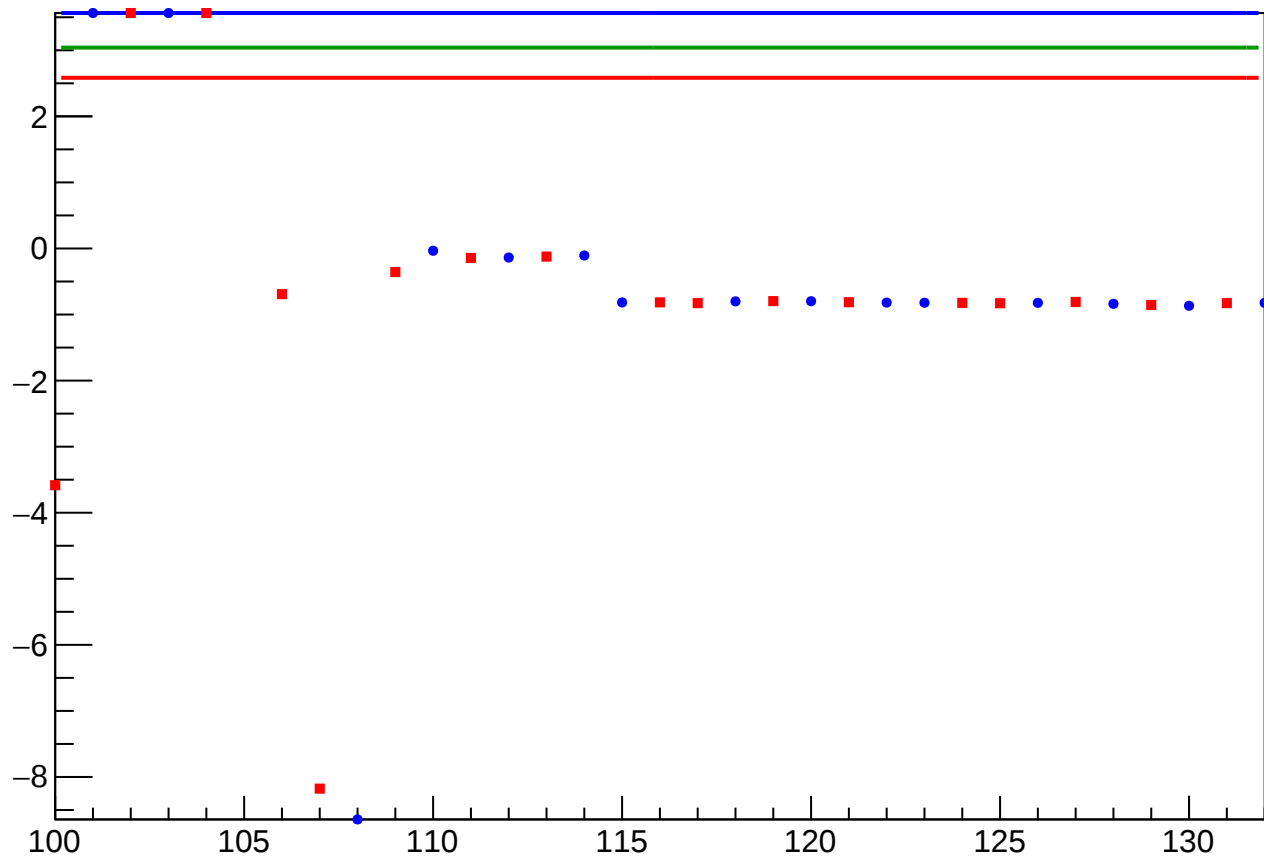
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7412693.7/14

0.000+/-0.000 χ^2/NDF : 15097905.4/31

0.000+/-0.000 χ^2/NDF : 7684979.8/16

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 296939080259.9/14

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253380365766005.8/16

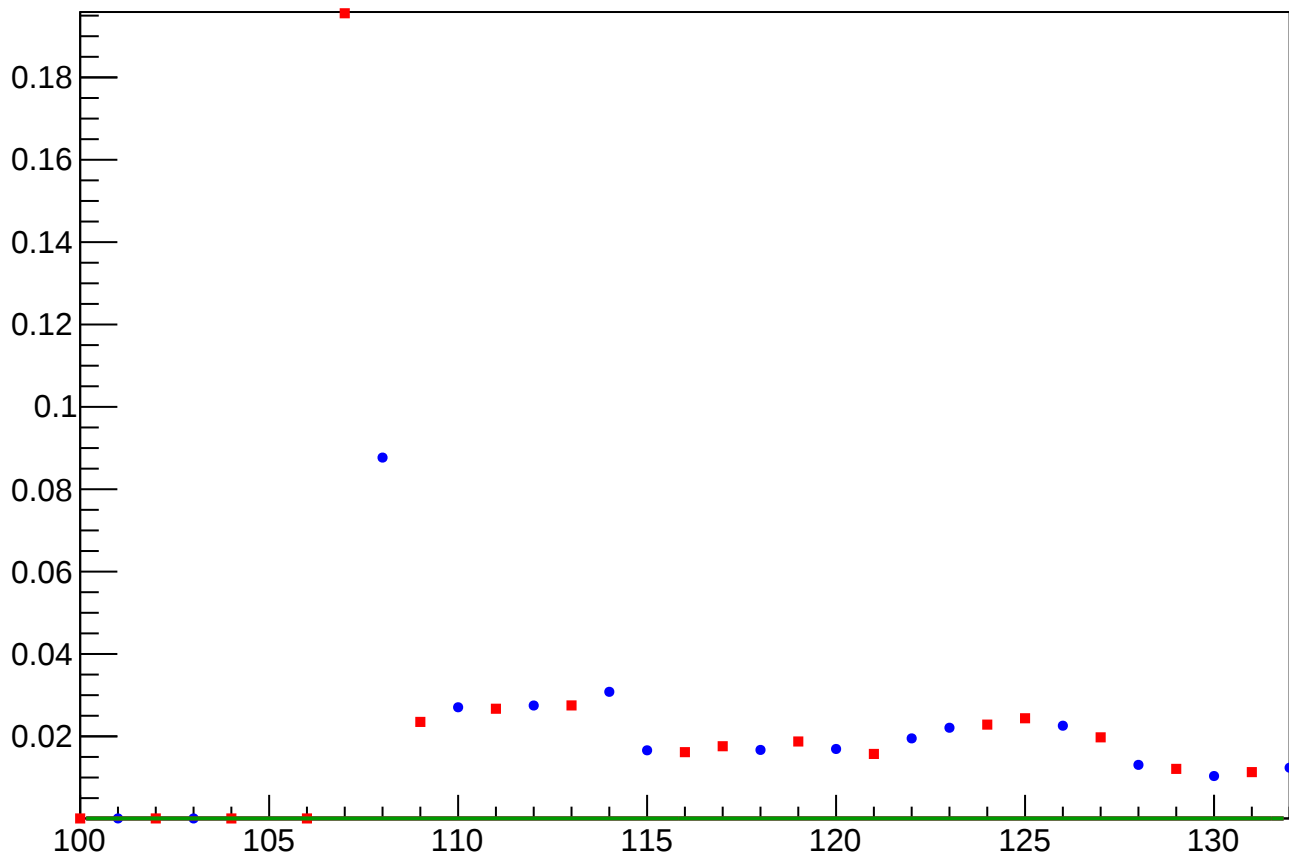
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 296939080259.9/14

3.040+/-0.000 χ^2/NDF : 13819550009392

2.584+/-0.000 χ^2/NDF : 1253380365766005.8/16

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8028119.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8091004.4/16

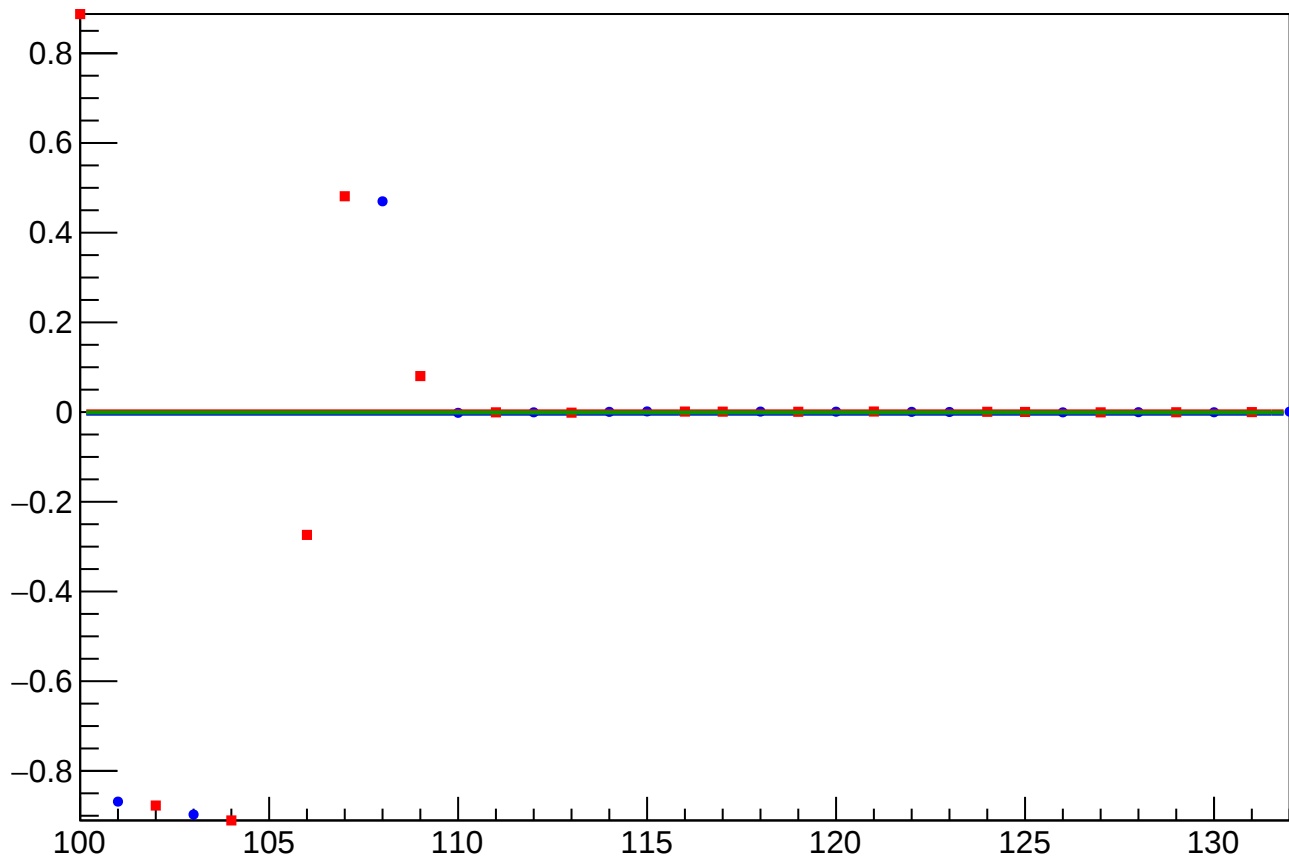
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8028119.7/14

0.000+/-0.000 χ^2/NDF : 16119384.6/31

0.000+/-0.000 χ^2/NDF : 8091004.4/16

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.000 χ^2/NDF : 9788158788.4/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3040511958.1/16

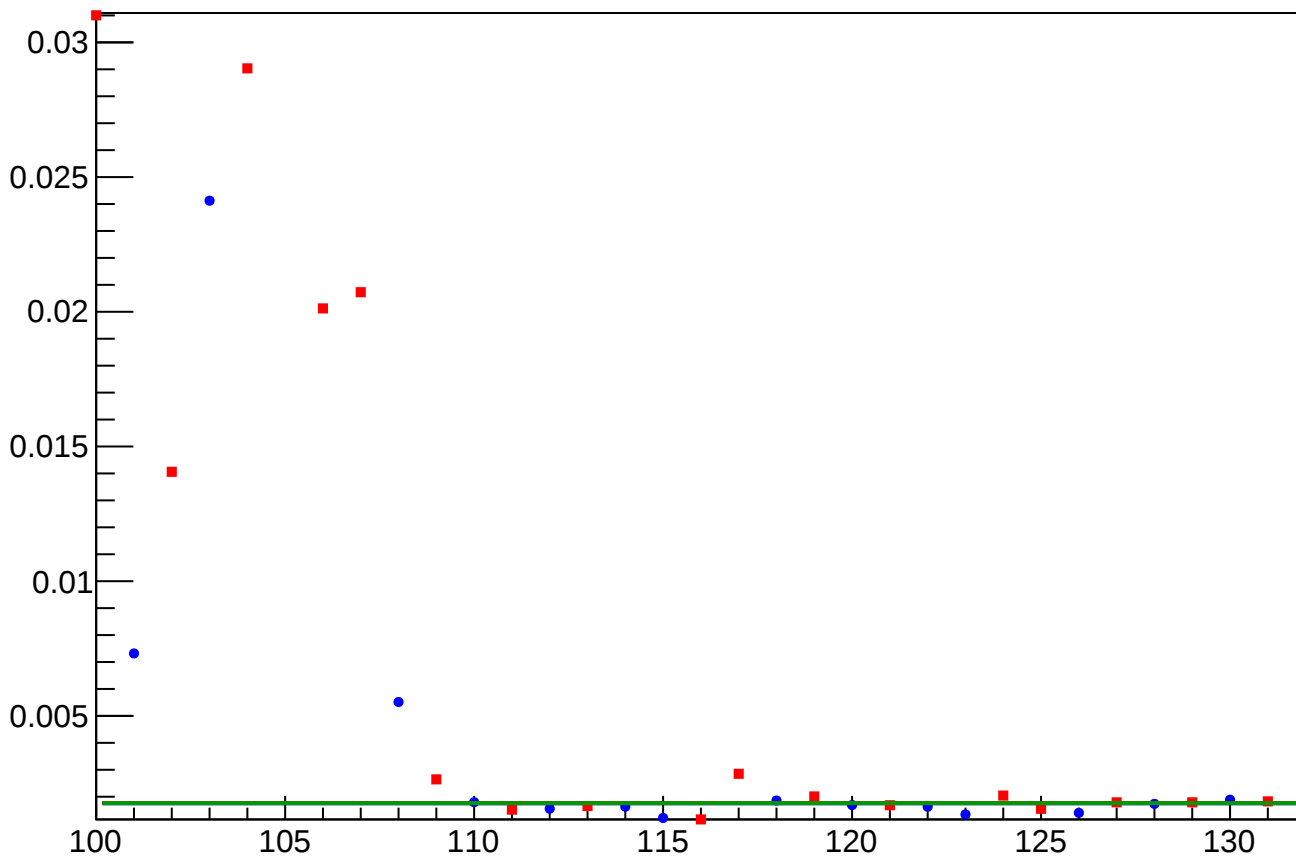
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.004+/-0.000 χ^2/NDF : 9788158788.4/14

-0.001+/-0.000 χ^2/NDF : 12844877169.9/16

0.002+/-0.000 χ^2/NDF : 3040511958.1/16

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1764344.1/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2867665.9/16

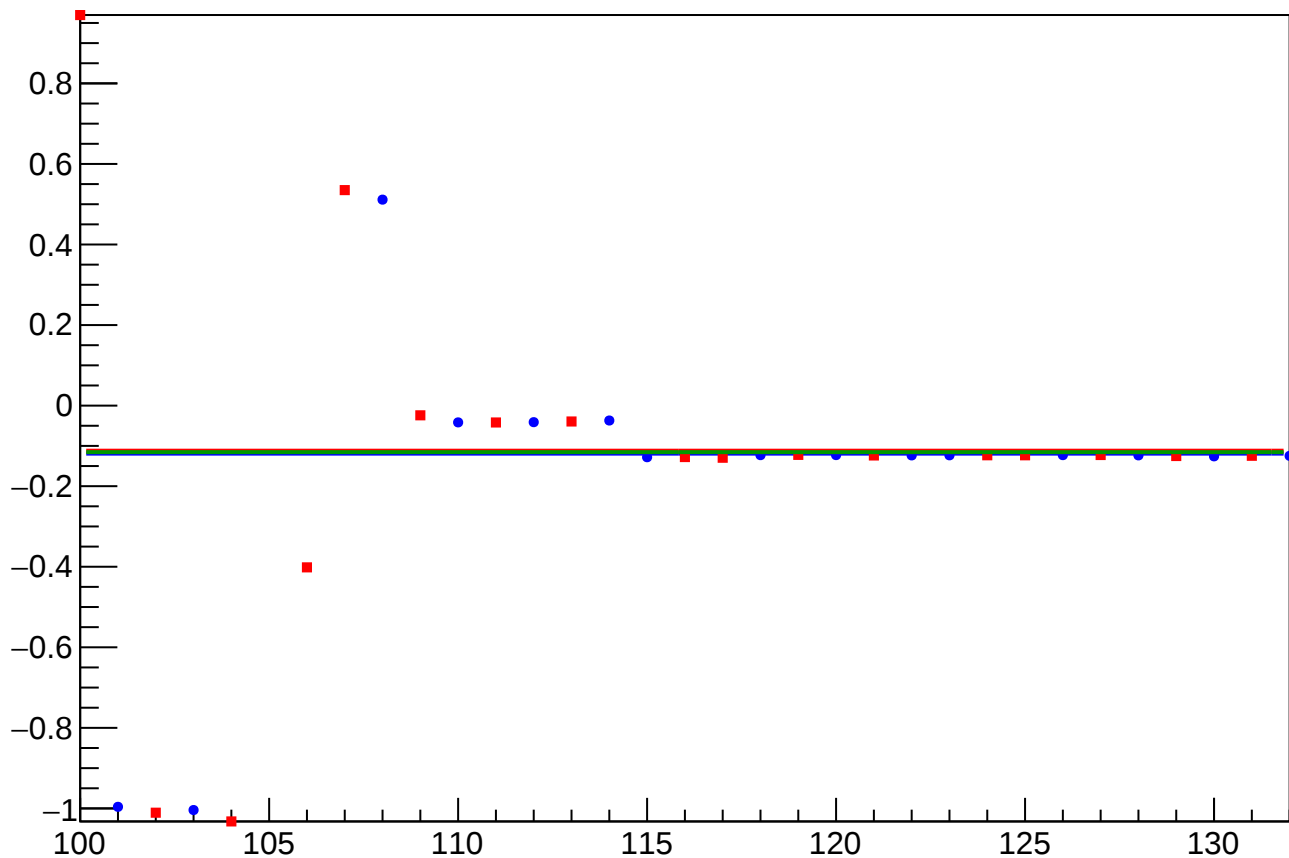
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1764344.1/14

0.002+/-0.000 χ^2/NDF : 4632103.7/31

0.002+/-0.000 χ^2/NDF : 2867665.9/16

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.119+/-0.000 χ^2/NDF : 3926025645.3/14

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

Right Out: -0.112+/-0.000 χ^2/NDF : 2404352716.4/16

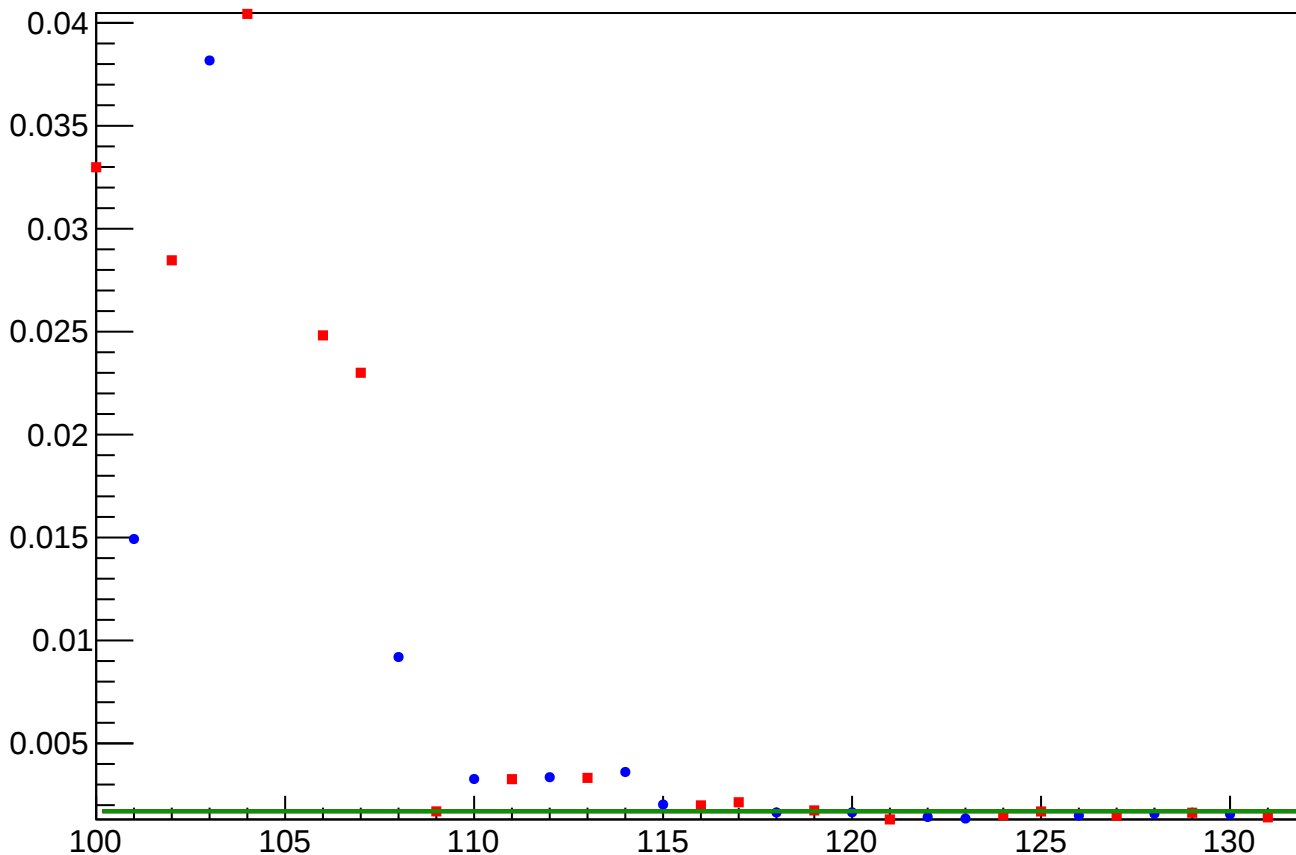
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 3926025645.3/14

-0.116+/-0.000 χ^2/NDF : 6364883493.2/3

-0.112+/-0.000 χ^2/NDF : 2404352716.4/16

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2707067.4/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3339983.2/16

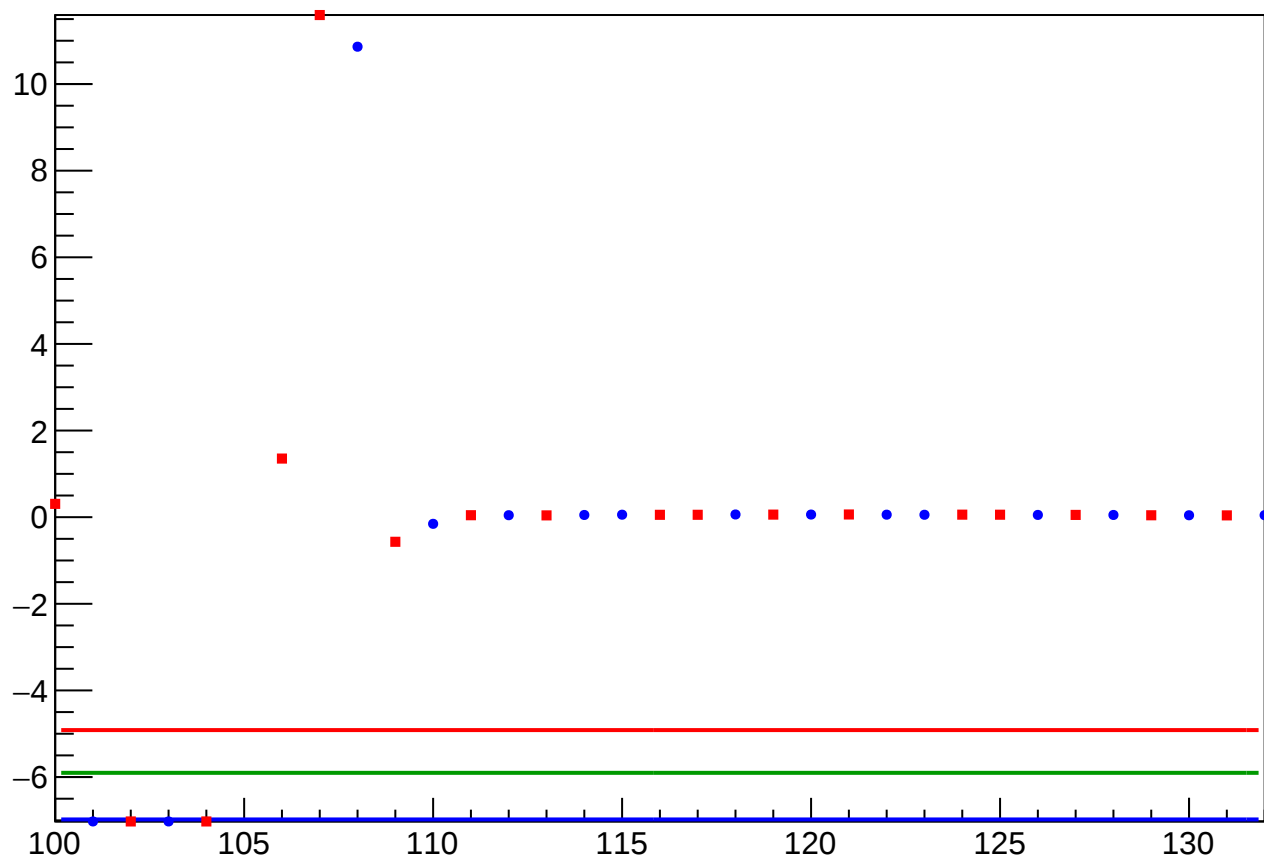
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2707067.4/14

0.002+/-0.000 χ^2/NDF : 6047063.2/31

0.002+/-0.000 χ^2/NDF : 3339983.2/16

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.979+/-0.000 χ^2/NDF : 8072878098122.3/14

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

Right Out: -4.916+/-0.000 χ^2/NDF : 365084192503141.9/16

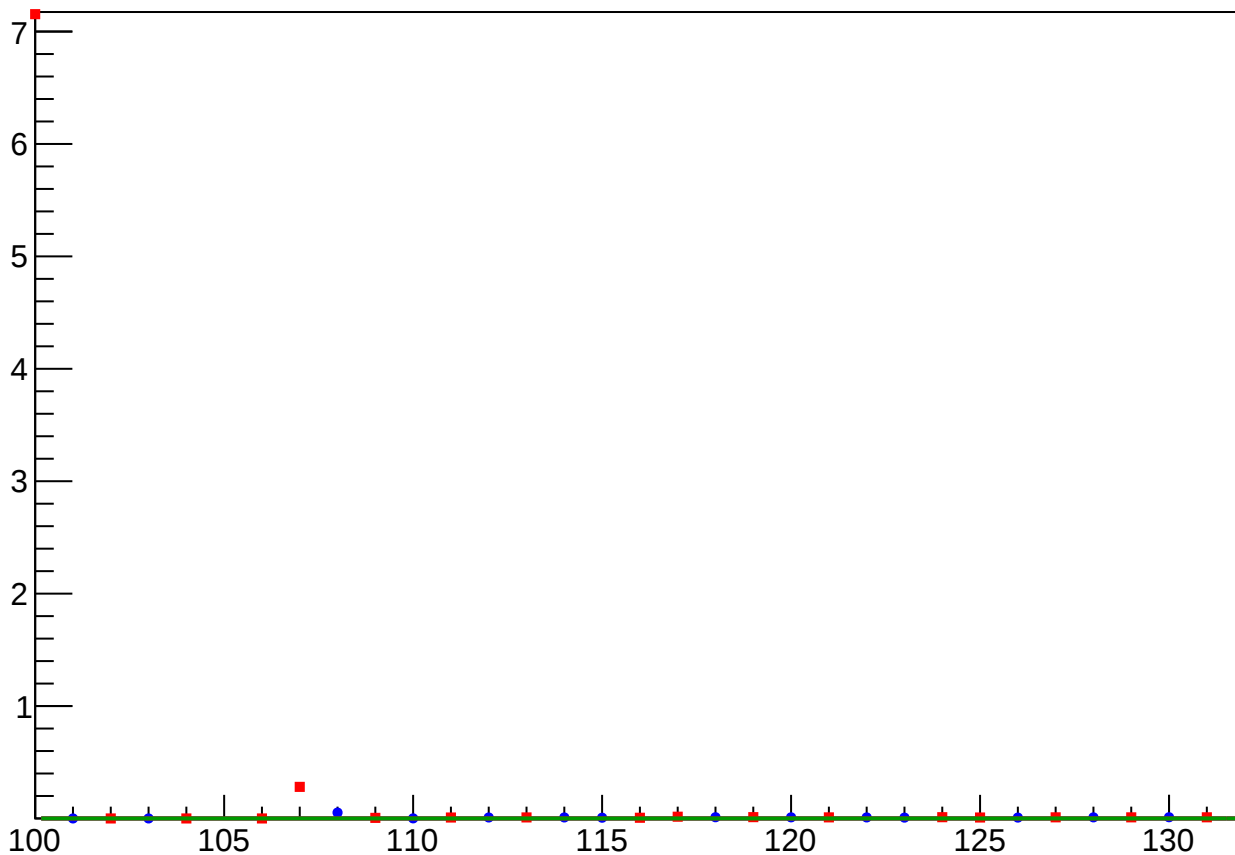
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.979+/-0.000 χ^2/NDF : 8072878098122.3/14

-5.903+/-0.000 χ^2/NDF : 4294291138966.0

-4.916+/-0.000 χ^2/NDF : 365084192503141.9/16

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6687580.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7135248.0/16

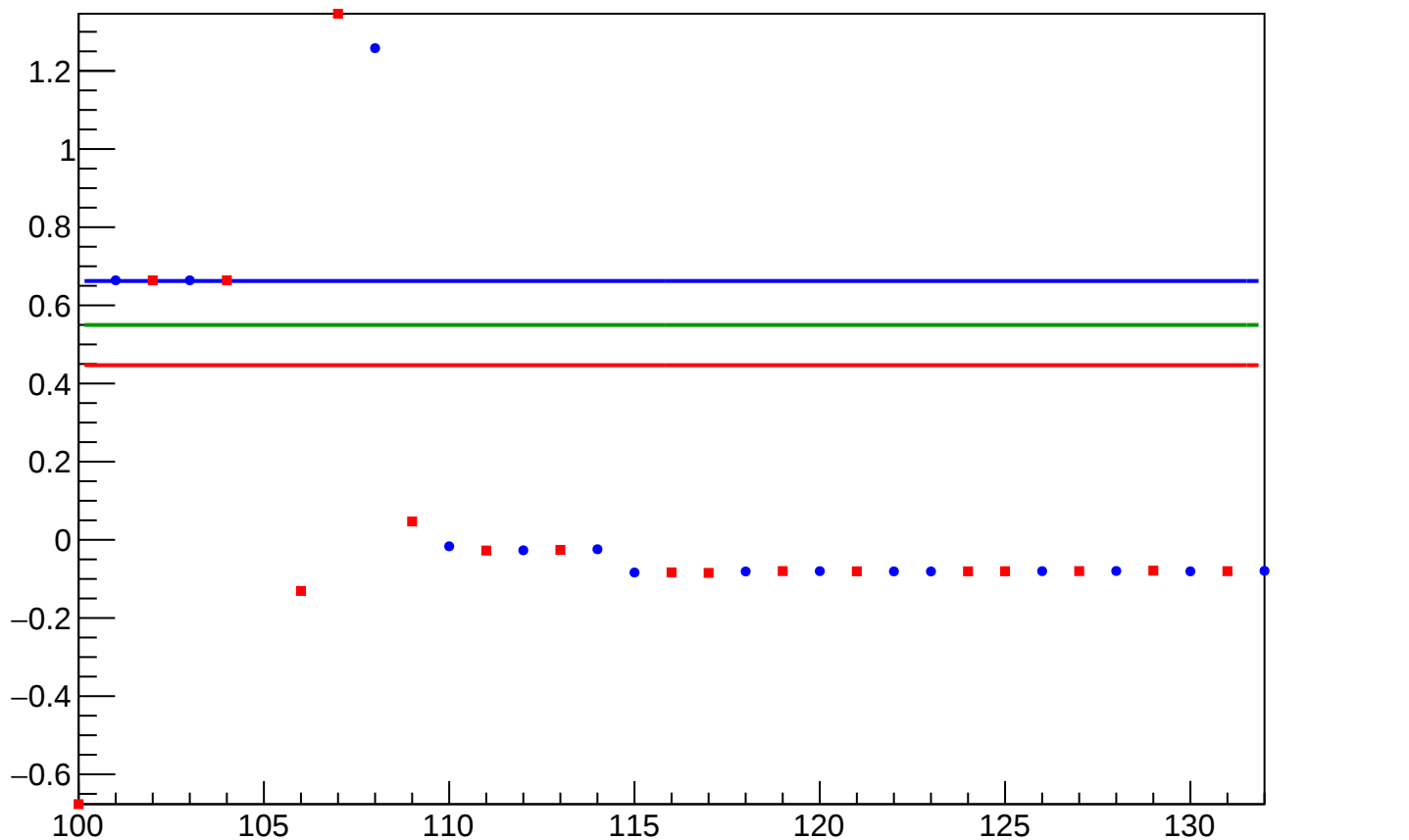
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6687580.1/14

0.000+/-0.000 χ^2/NDF : 13823004.2/31

0.000+/-0.000 χ^2/NDF : 7135248.0/16

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 3364750635747.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.447 $\pm$ 0.000 χ^2 /NDF: 404395322764345.3/16

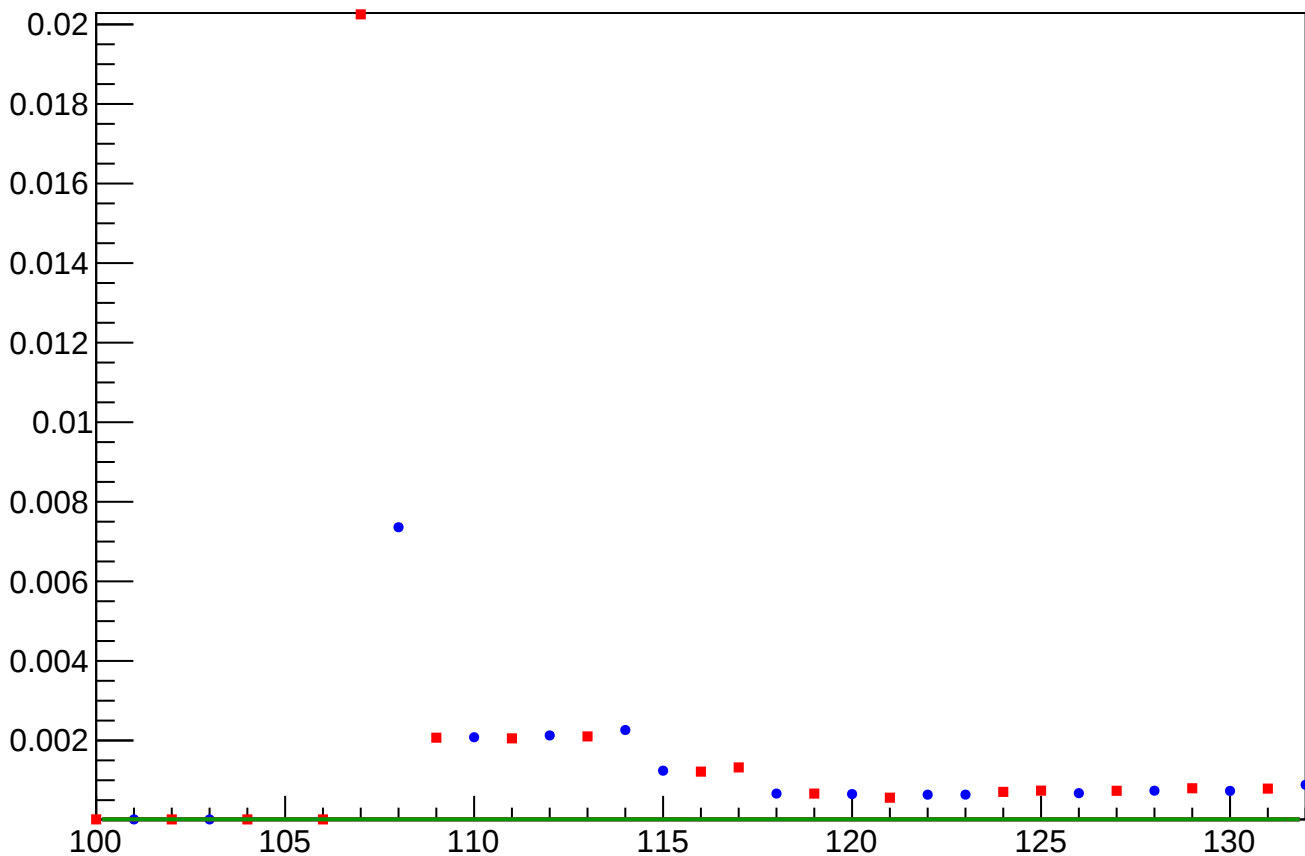
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.662 $\pm$ 0.000 χ^2 /NDF: 3364750635747.4/14

0.550 $\pm$ 0.000 χ^2 /NDF: 47087458128116

0.447 $\pm$ 0.000 χ^2 /NDF: 404395322764345.3/16

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8098255.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7671959.3/16

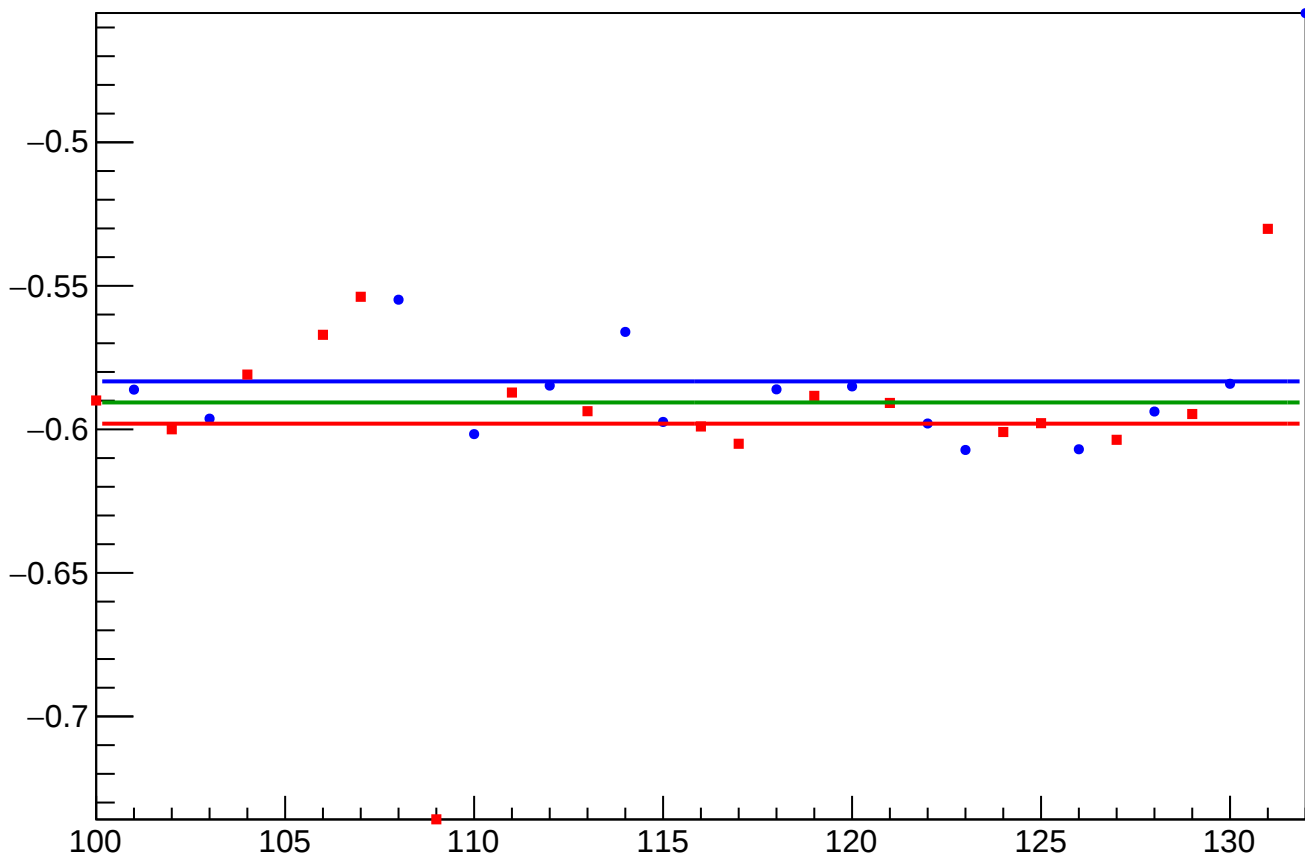
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8098255.1/14

0.000+/-0.000 χ^2/NDF : 15770216.7/31

0.000+/-0.000 χ^2/NDF : 7671959.3/16

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.583+/-0.000 χ^2/NDF : 8520832.4/14

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

Right Out: -0.598+/-0.000 χ^2/NDF : 12524334.7/16

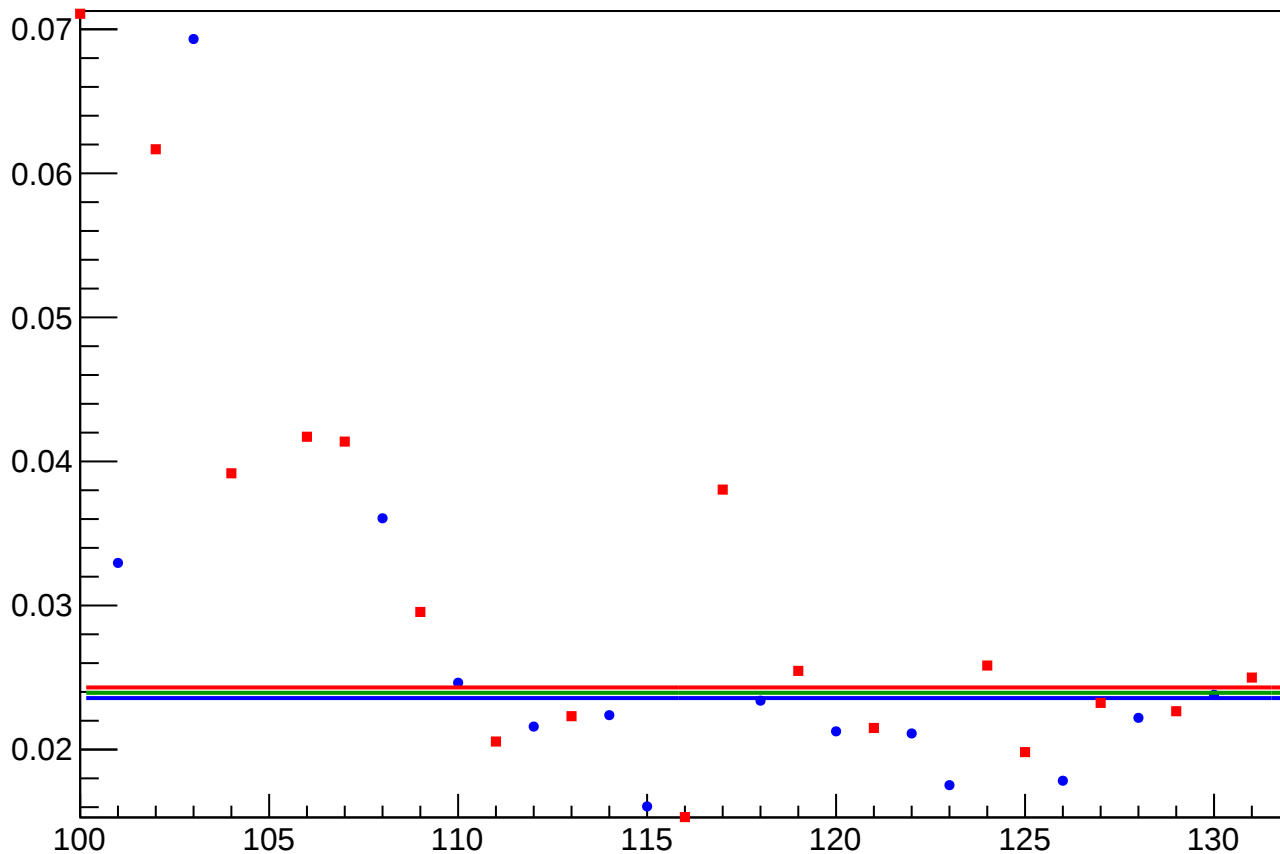
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.583+/-0.000 χ^2/NDF : 8520832.4/14

-0.591+/-0.000 χ^2/NDF : 21885081.8/31

-0.598+/-0.000 χ^2/NDF : 12524334.7/16

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 787501.0/14

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

Right Out: 0.024+/-0.000 χ^2/NDF : 953877.7/16

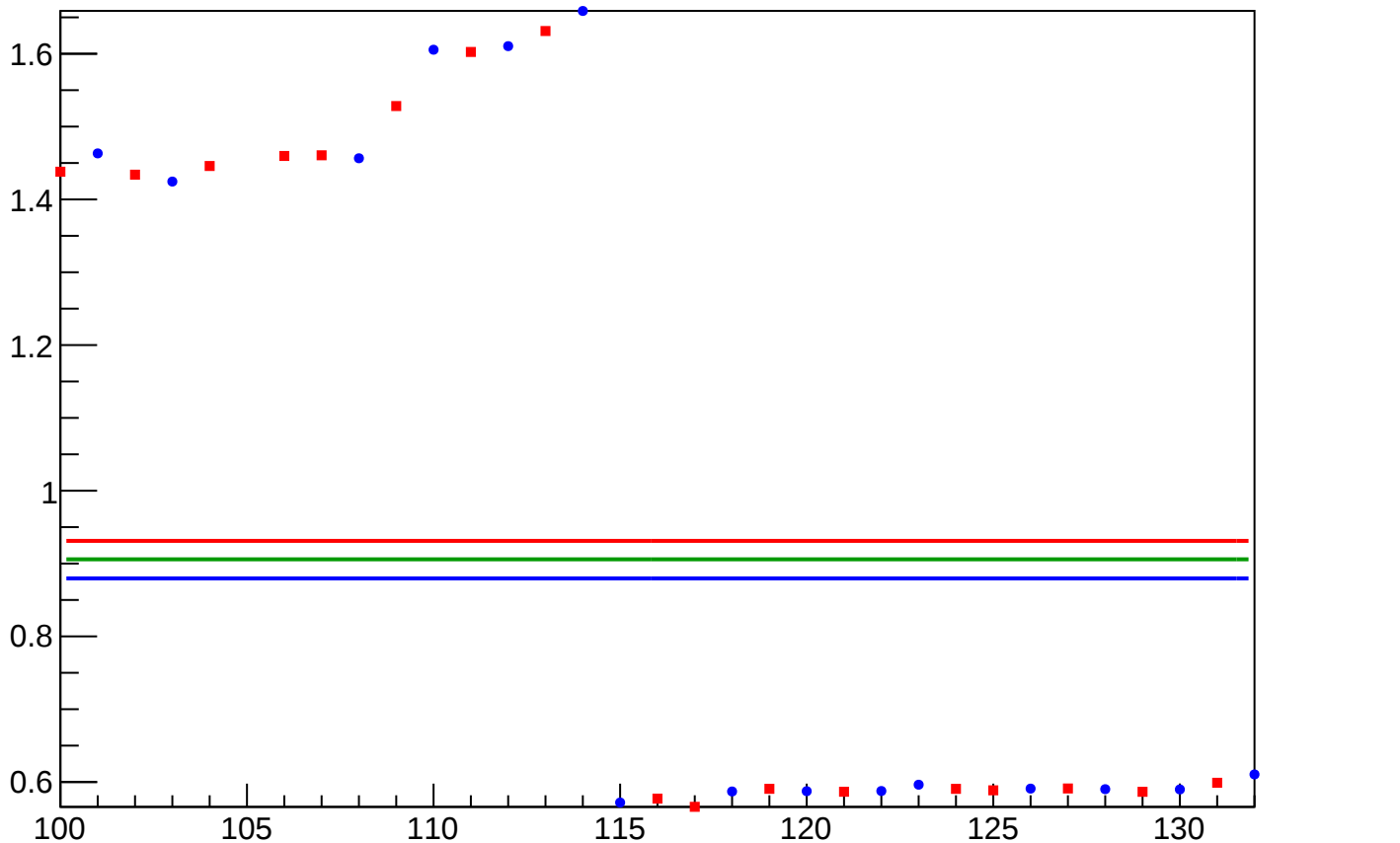
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 787501.0/14

0.024+/-0.000 χ^2/NDF : 1745618.4/31

0.024+/-0.000 χ^2/NDF : 953877.7/16

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.880 $\pm$ 0.000 χ^2 /NDF: 3139418917.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.931 $\pm$ 0.000 χ^2 /NDF: 3572766284.3/16

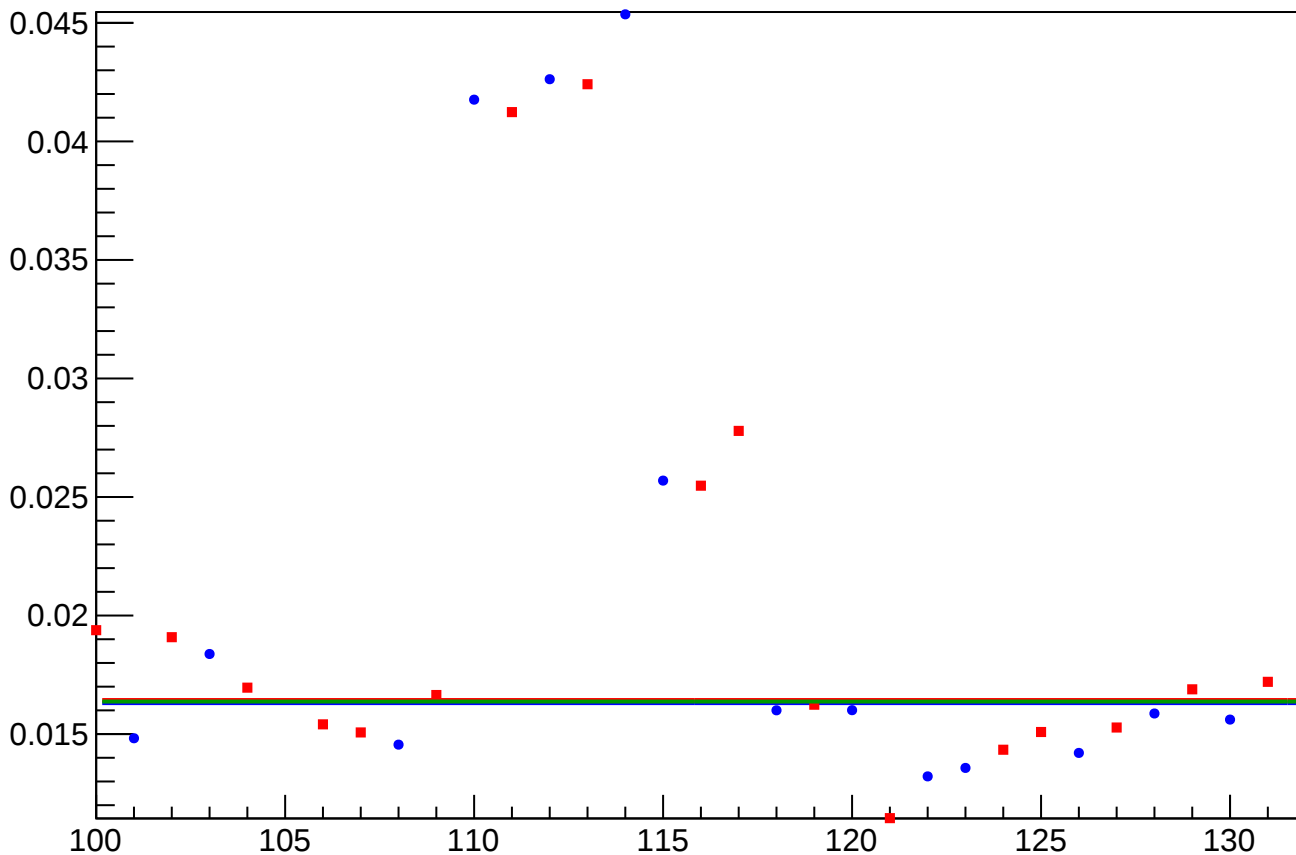
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.880 $\pm$ 0.000 χ^2 /NDF: 3139418917.5/14

0.906 $\pm$ 0.000 χ^2 /NDF: 6737181737.5/31

0.931 $\pm$ 0.000 χ^2 /NDF: 3572766284.3/16

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 817320.9/14

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

Right Out: 0.016+/-0.000 χ^2/NDF : 881363.7/16

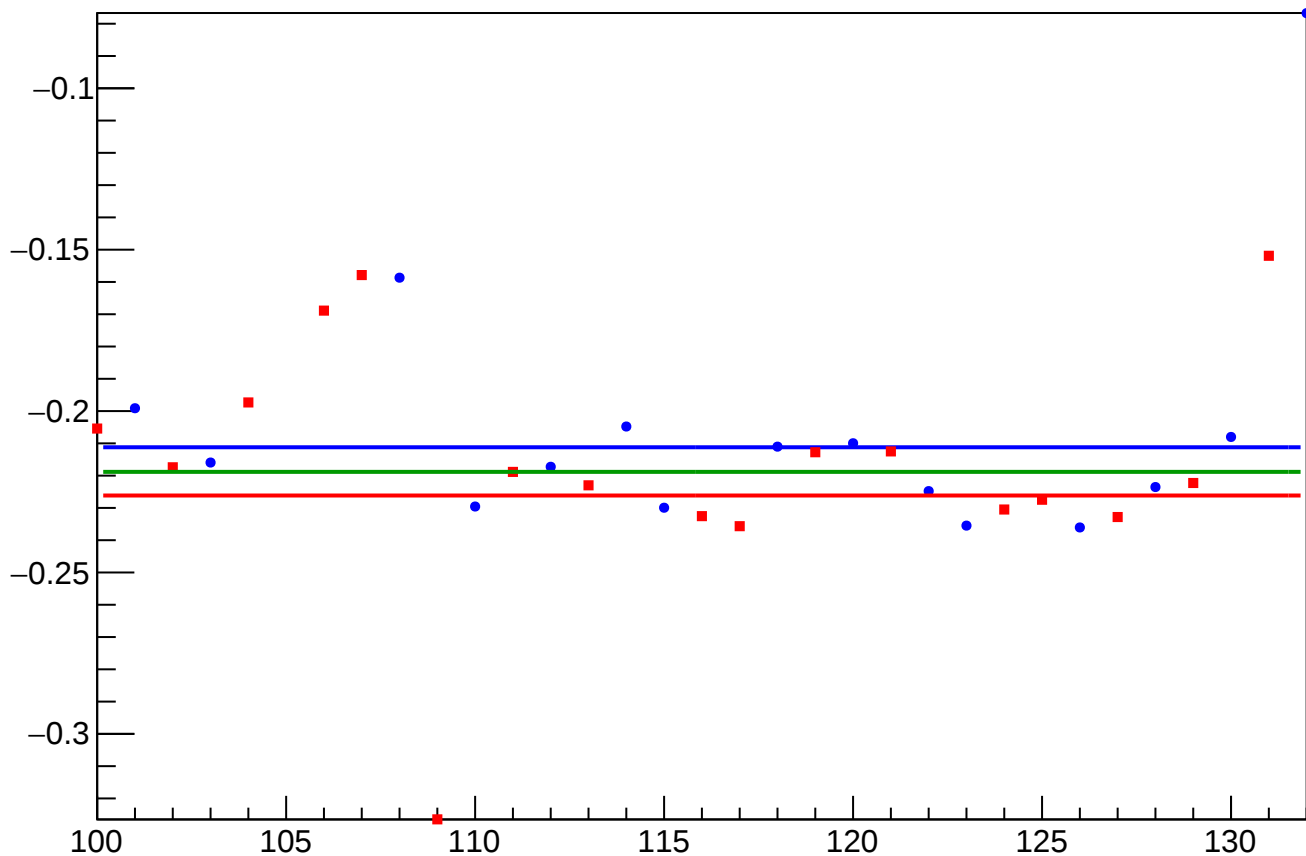
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 817320.9/14

0.016+/-0.000 χ^2/NDF : 1699000.3/31

0.016+/-0.000 χ^2/NDF : 881363.7/16

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.211+/-0.000 χ^2/NDF : 12815865.3/14

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

Right Out: -0.226+/-0.000 χ^2/NDF : 14662646.9/16

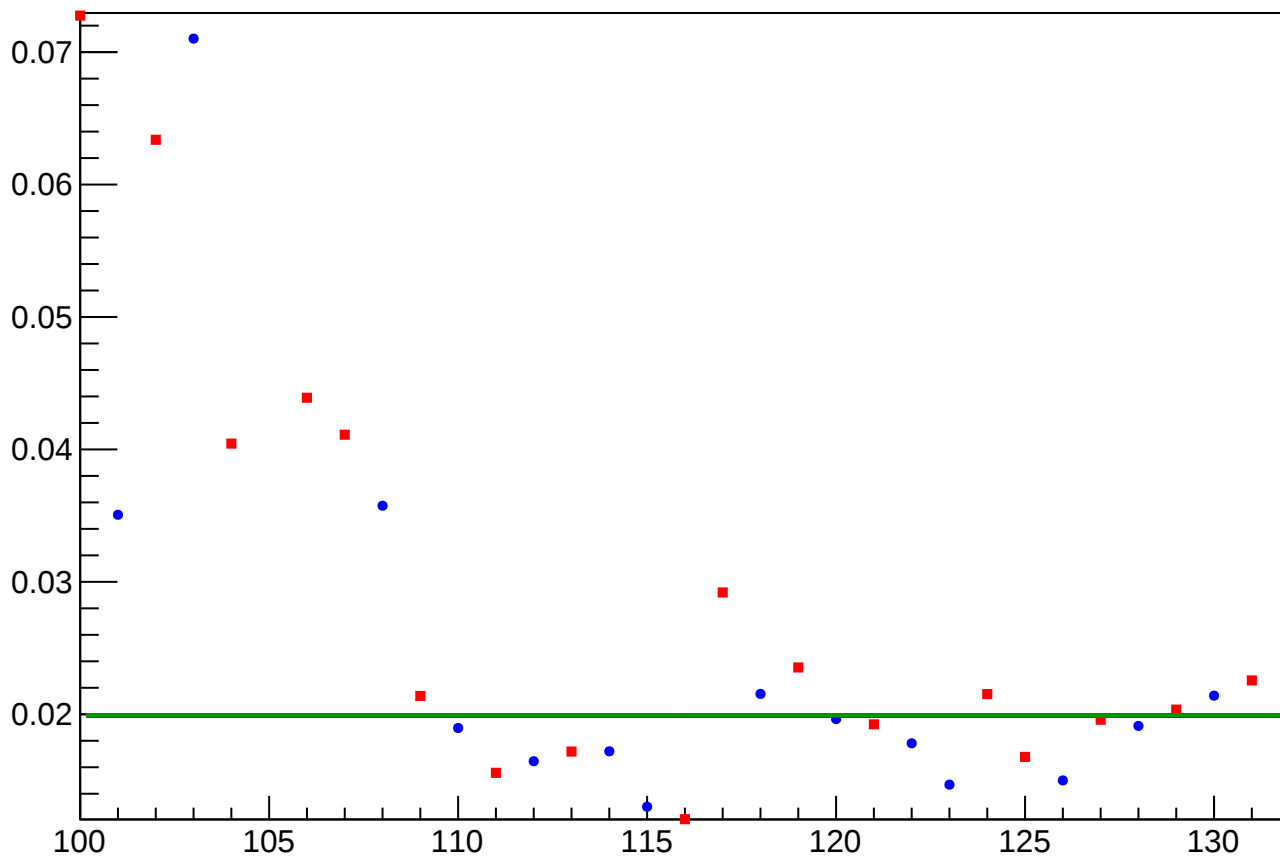
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.211+/-0.000 χ^2/NDF : 12815865.3/14

-0.219+/-0.000 χ^2/NDF : 28685894.5/31

-0.226+/-0.000 χ^2/NDF : 14662646.9/16

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1090621.8/14

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1324804.5/16

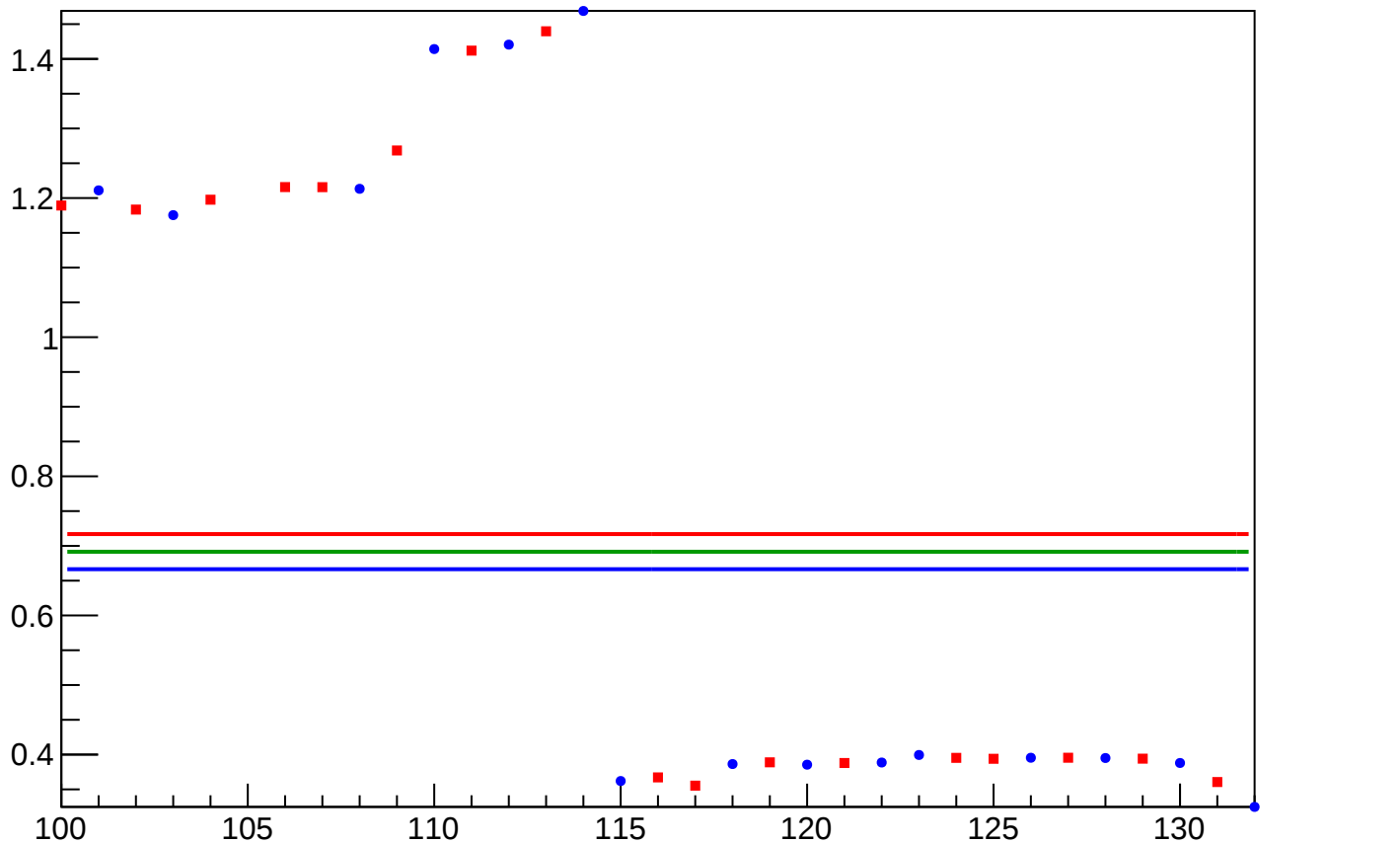
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1090621.8/14

0.020+/-0.000 χ^2/NDF : 2415476.7/31

0.020+/-0.000 χ^2/NDF : 1324804.5/16

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.666+/-0.000 χ^2/NDF : 4134580113.5/14

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

Right Out: 0.717+/-0.000 χ^2/NDF : 4400251980.8/16

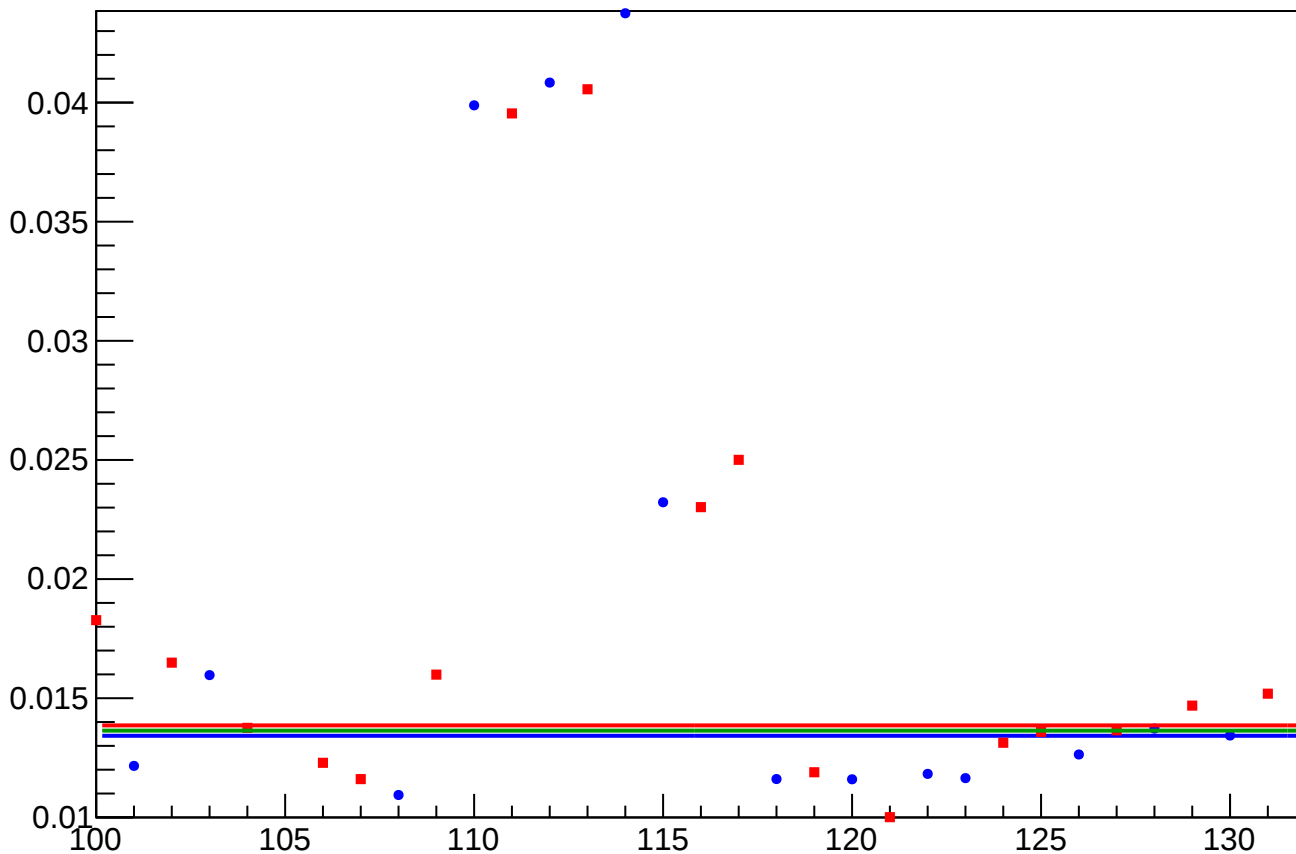
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.666+/-0.000 χ^2/NDF : 4134580113.5/14

0.692+/-0.000 χ^2/NDF : 8568473570.2/31

0.717+/-0.000 χ^2/NDF : 4400251980.8/16

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1005499.9/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1027825.0/16

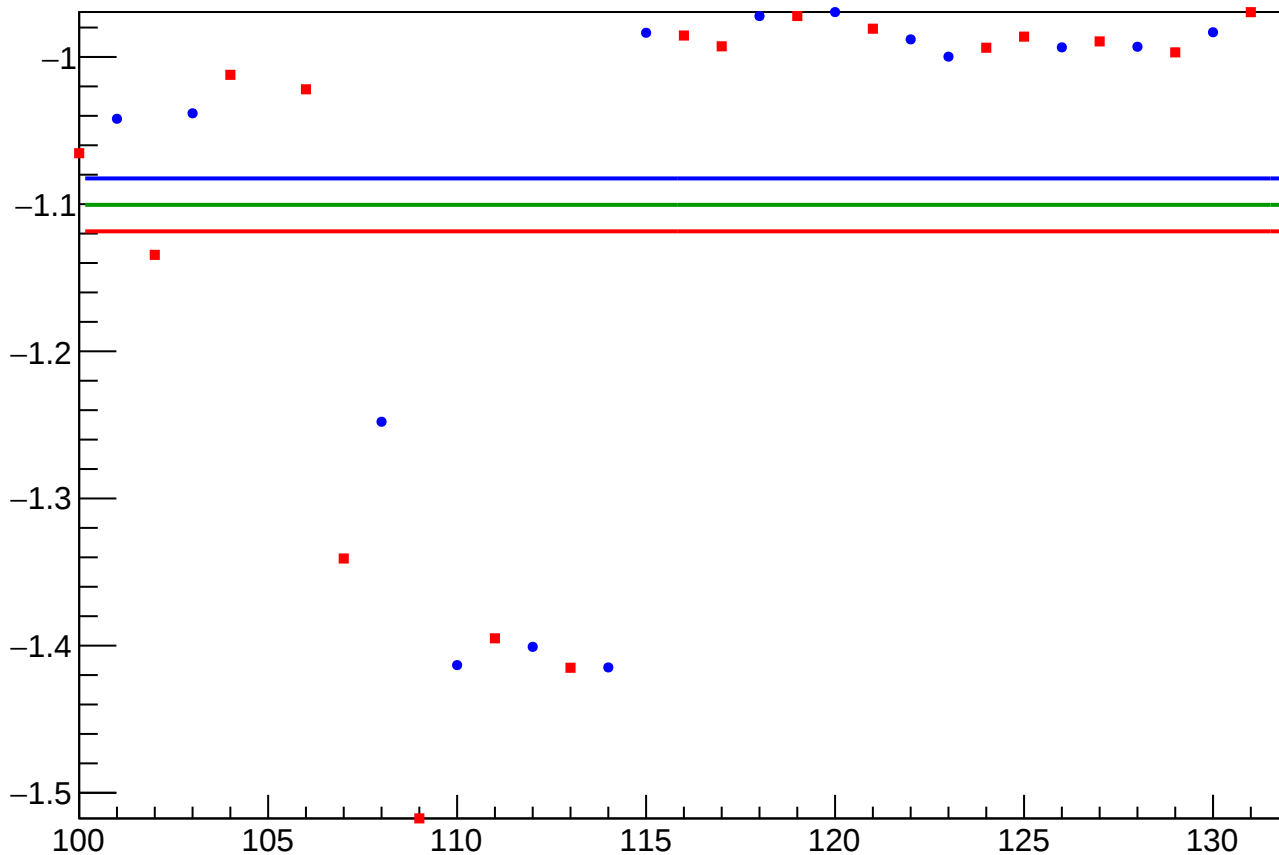
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1005499.9/14

0.014+/-0.000 χ^2/NDF : 2038323.5/31

0.014+/-0.000 χ^2/NDF : 1027825.0/16

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.000 χ^2/NDF : 223882217.4/14

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

Right Out: -1.118+/-0.000 χ^2/NDF : 323558064.3/16

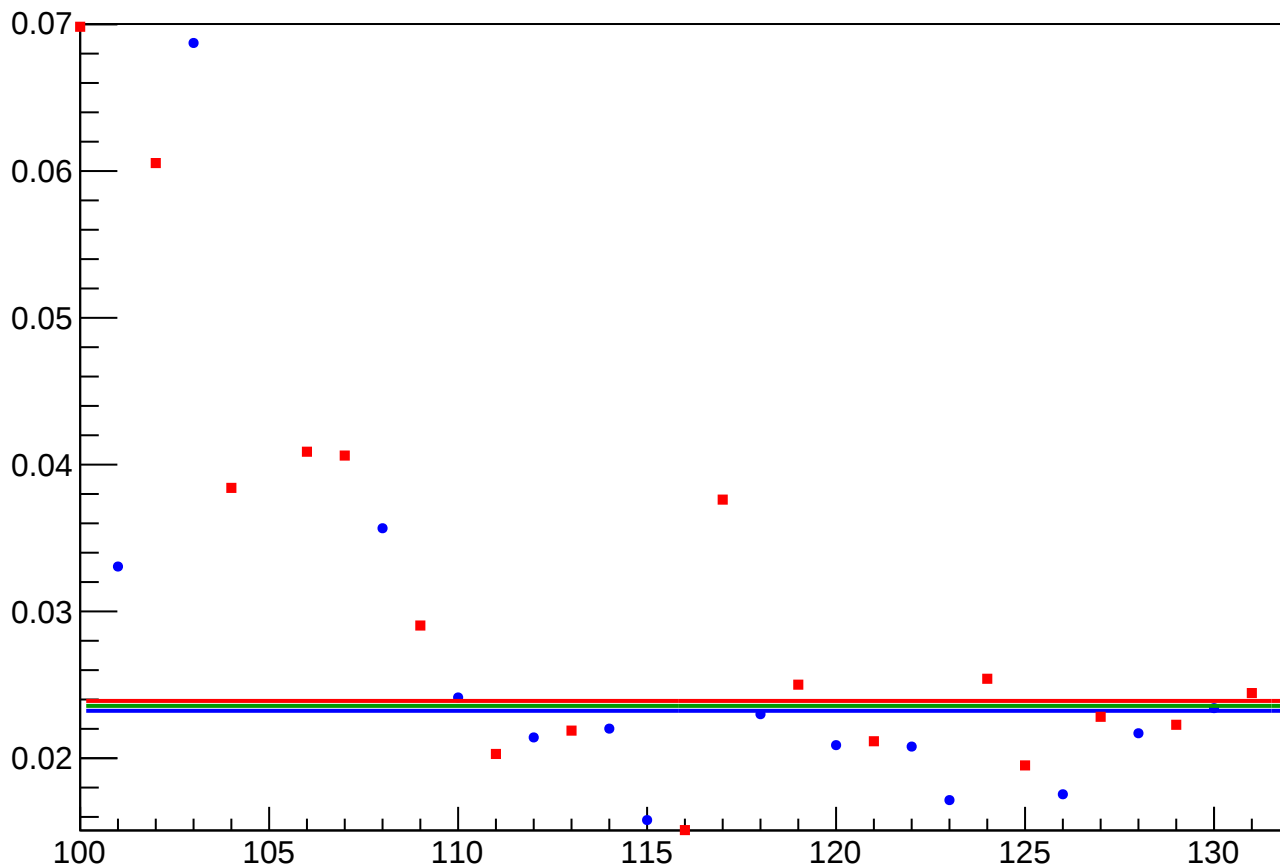
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.083+/-0.000 χ^2/NDF : 223882217.4/14

-1.100+/-0.000 χ^2/NDF : 552596540.2/31

-1.118+/-0.000 χ^2/NDF : 323558064.3/16

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 803538.4/14

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

Right Out: 0.024+/-0.000 χ^2/NDF : 946952.6/16

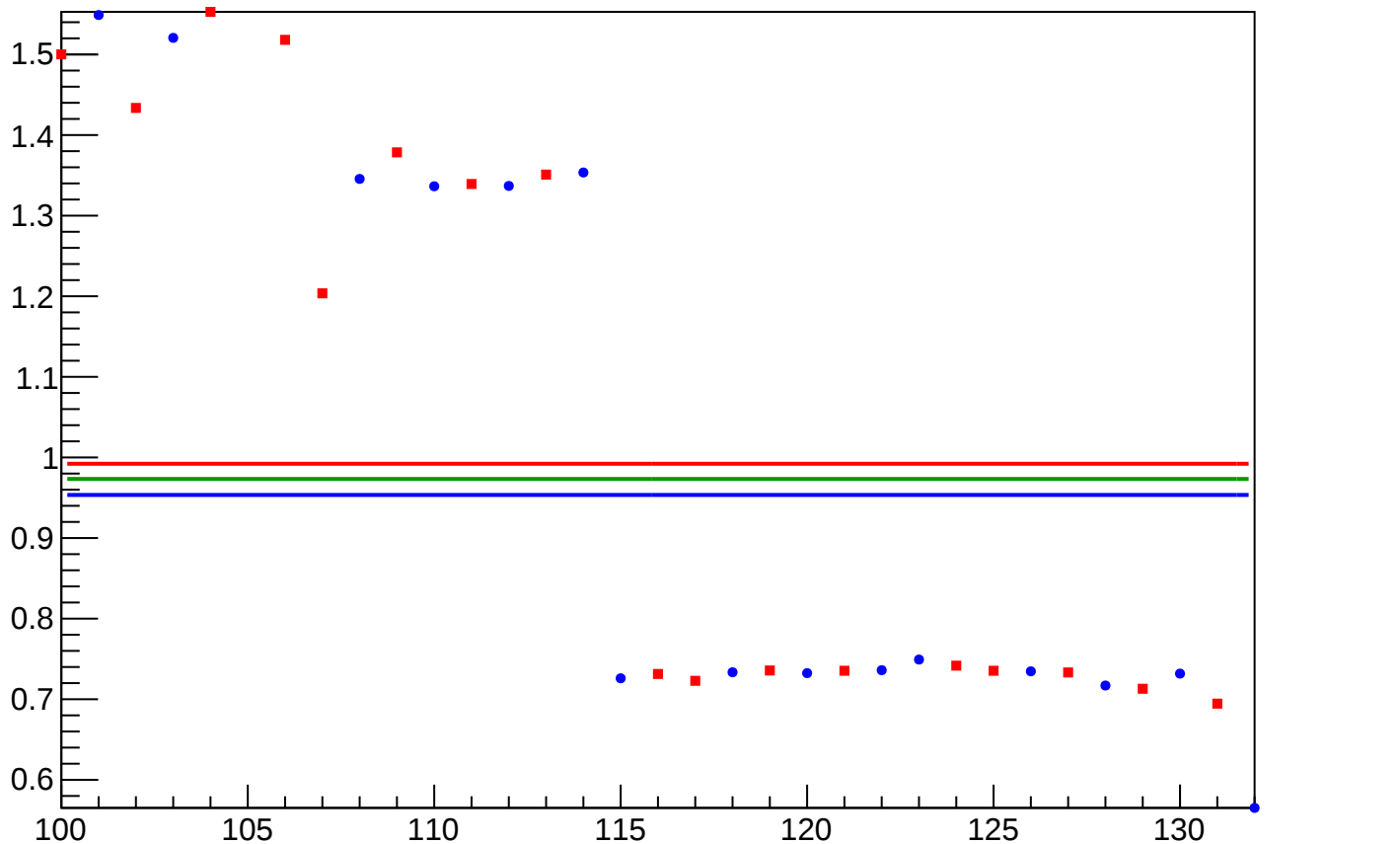
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 803538.4/14

0.024+/-0.000 χ^2/NDF : 1754101.8/31

0.024+/-0.000 χ^2/NDF : 946952.6/16

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.953+/-0.000 χ^2/NDF : 2229800211.2/14

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

Right Out: 0.992+/-0.000 χ^2/NDF : 2194600717.7/16

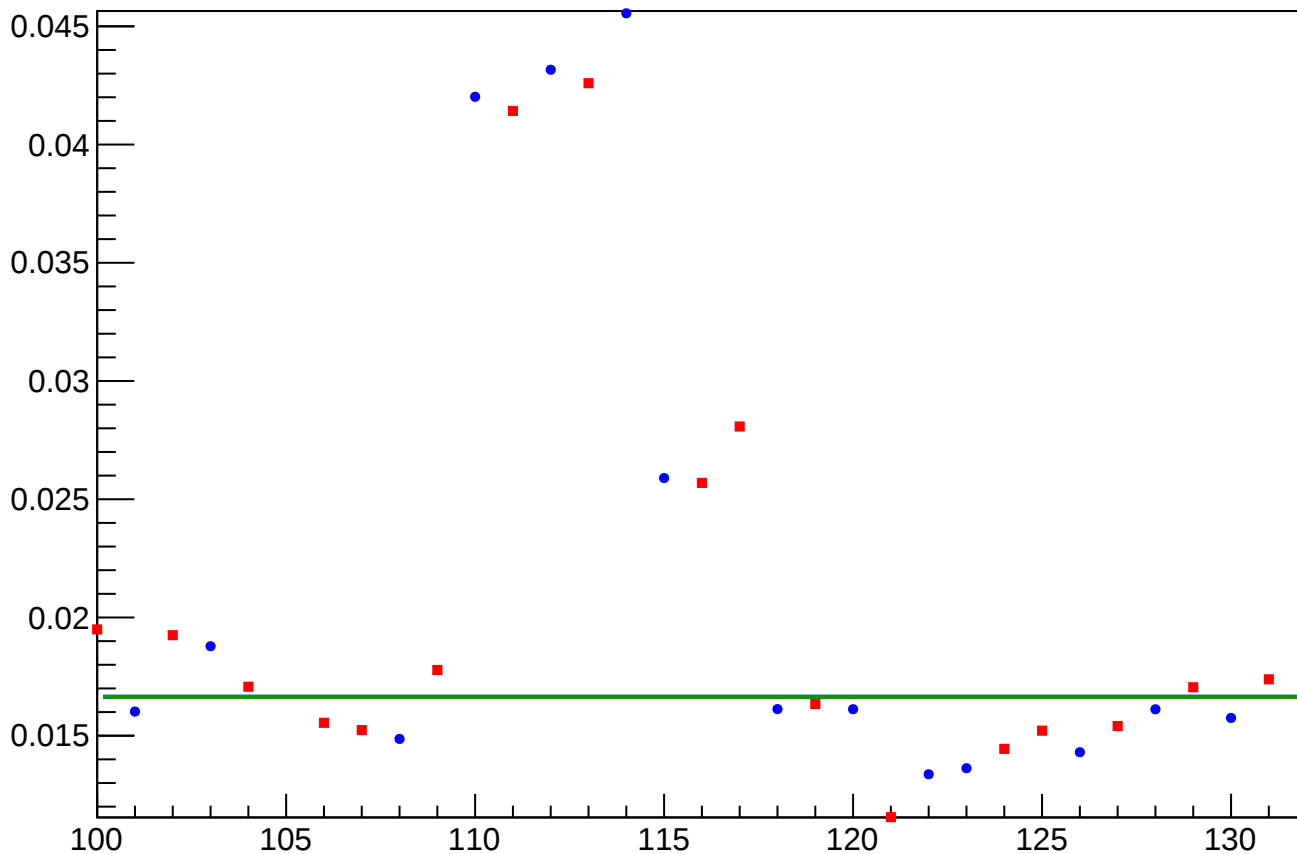
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.953+/-0.000 χ^2/NDF : 2229800211.2/14

0.973+/-0.000 χ^2/NDF : 4438007427.1/31

0.992+/-0.000 χ^2/NDF : 2194600717.7/16

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 806362.2/14

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

Right Out: 0.017+/-0.000 χ^2/NDF : 880492.1/16

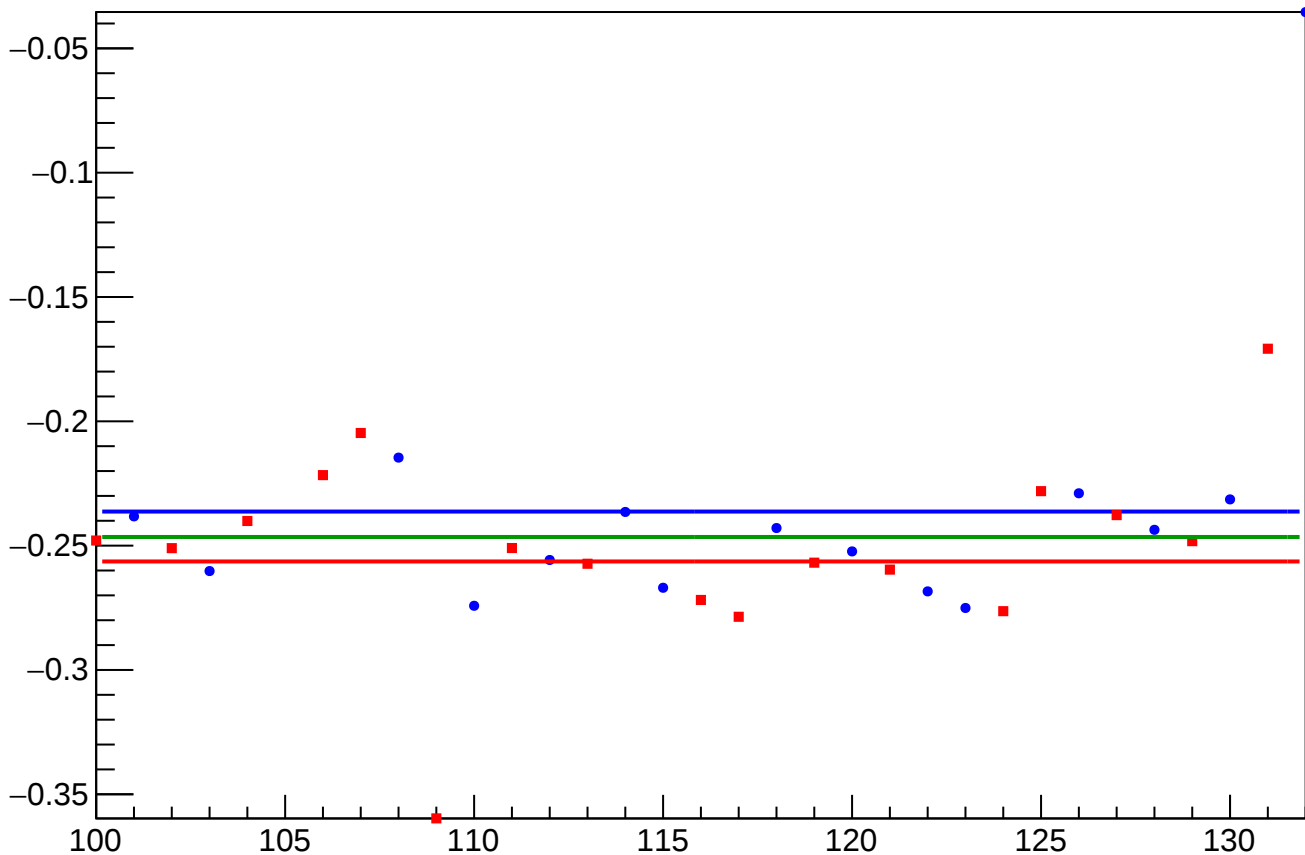
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 806362.2/14

0.017+/-0.000 χ^2/NDF : 1686857.5/31

0.017+/-0.000 χ^2/NDF : 880492.1/16

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.236+/-0.000 χ^2/NDF : 28338992.0/14

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

Right Out: -0.256+/-0.000 χ^2/NDF : 16814568.4/16

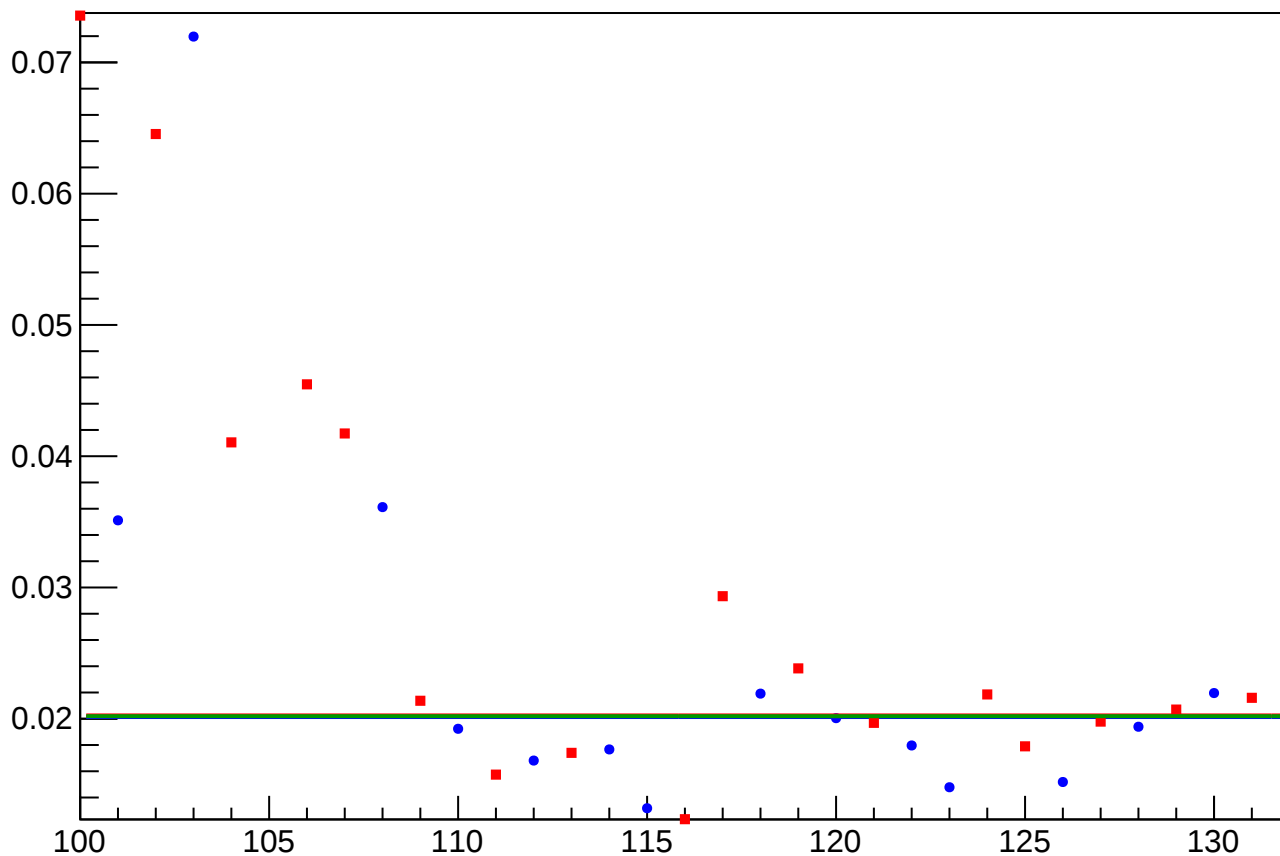
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.236+/-0.000 χ^2/NDF : 28338992.0/14

-0.247+/-0.000 χ^2/NDF : 47273233.1/31

-0.256+/-0.000 χ^2/NDF : 16814568.4/16

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1072456.2/14

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1314402.9/16

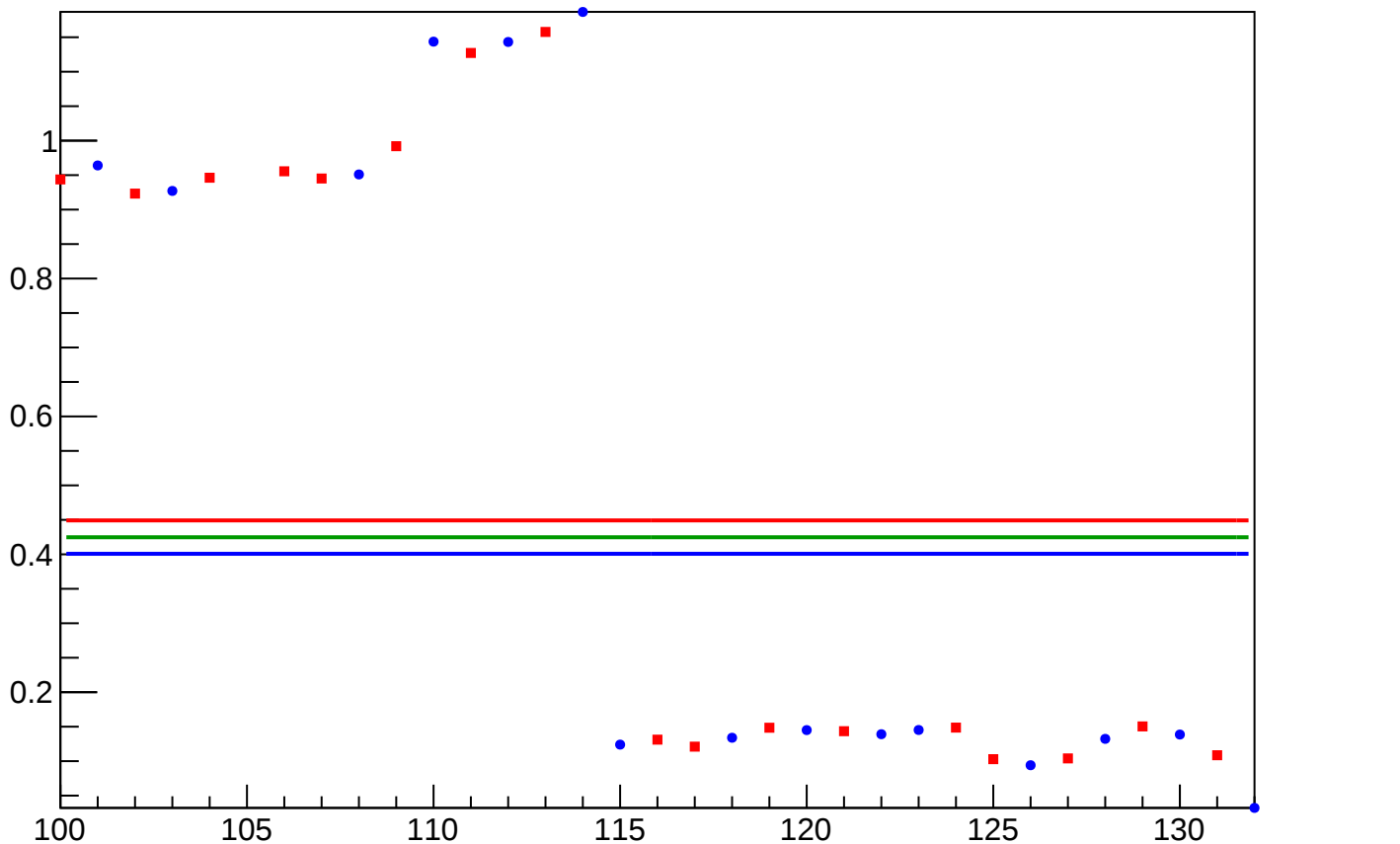
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1072456.2/14

0.020+/-0.000 χ^2/NDF : 2387011.4/31

0.020+/-0.000 χ^2/NDF : 1314402.9/16

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.401+/-0.000 χ^2/NDF : 4248672587.0/14

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

Right Out: 0.449+/-0.000 χ^2/NDF : 4341761702.1/16

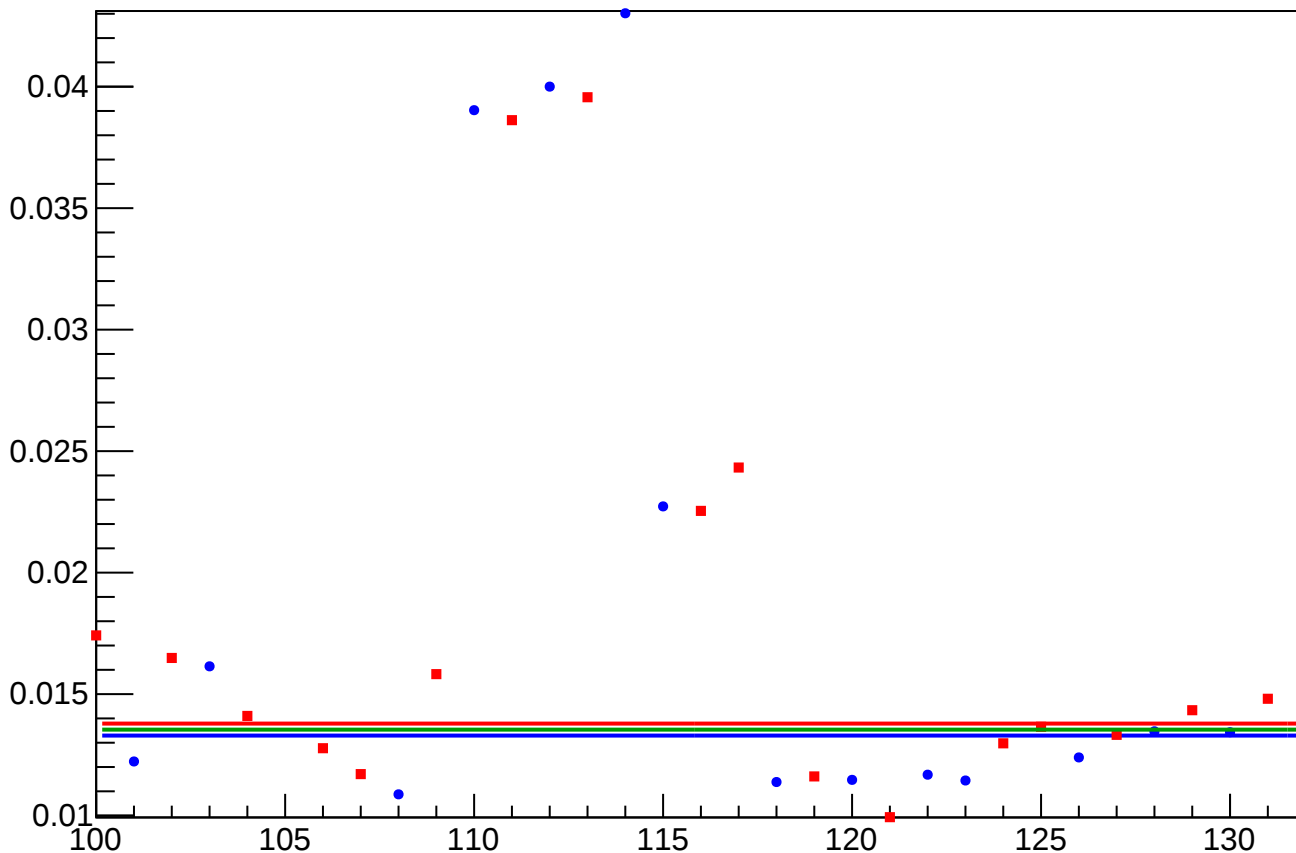
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.401+/-0.000 χ^2/NDF : 4248672587.0/14

0.425+/-0.000 χ^2/NDF : 8621918659.8/31

0.449+/-0.000 χ^2/NDF : 4341761702.1/16

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 990446.1/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1005799.6/16

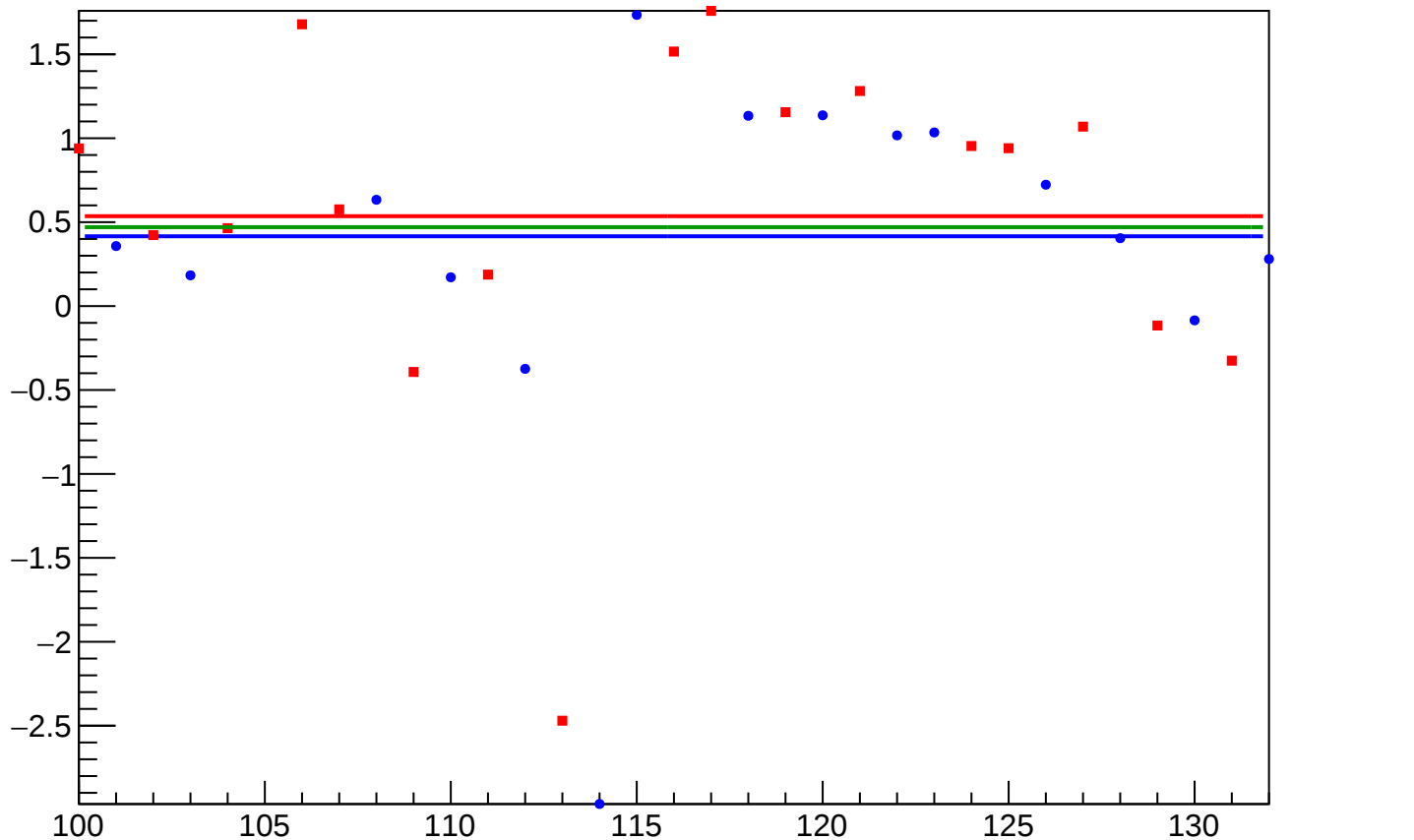
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 990446.1/14

0.014+/-0.000 χ^2/NDF : 2002776.7/31

0.014+/-0.000 χ^2/NDF : 1005799.6/16

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.416+/-0.000 χ^2/NDF : 230779902.6/14

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

Right Out: 0.536+/-0.000 χ^2/NDF : 985133476.8/16

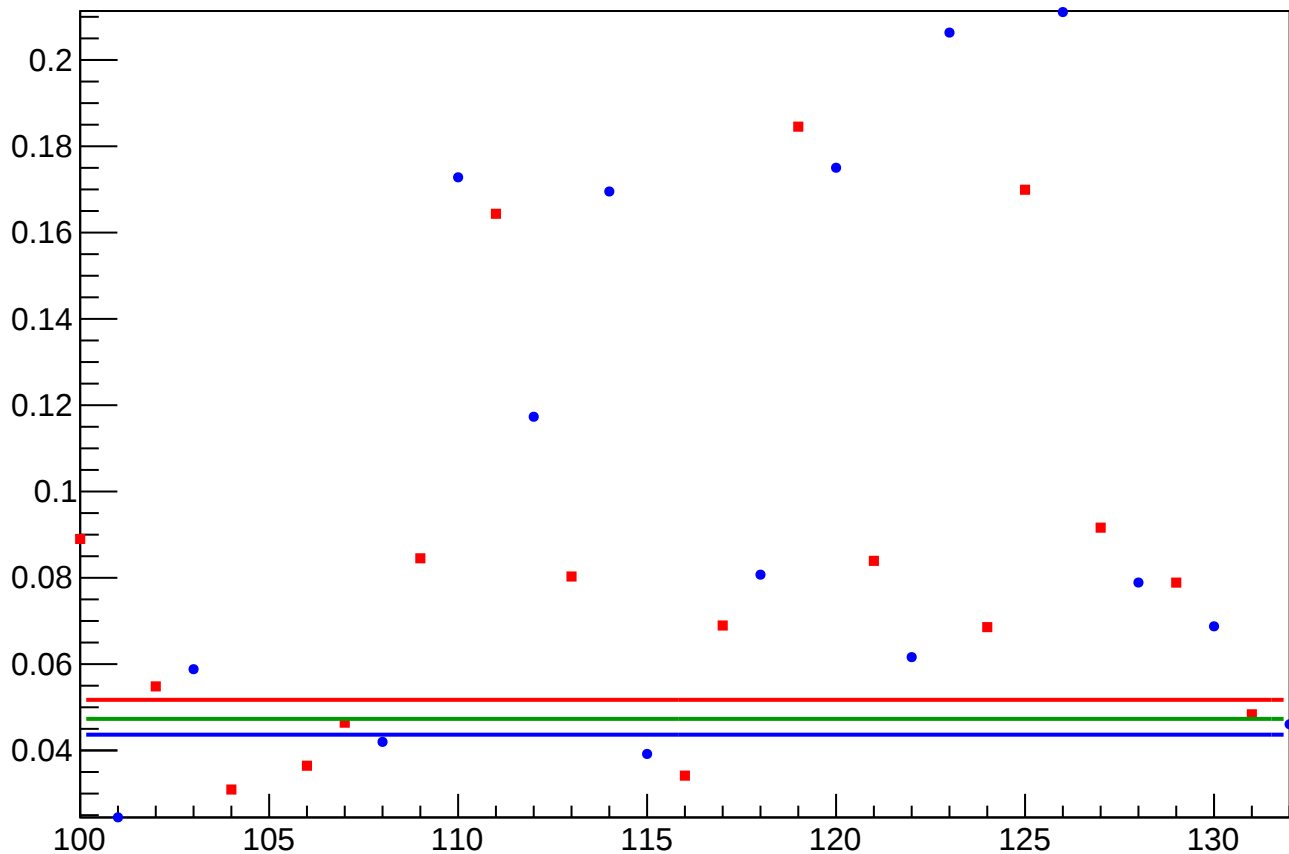
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.416+/-0.000 χ^2/NDF : 230779902.6/14

0.470+/-0.000 χ^2/NDF : 1226283677.0/31

0.536+/-0.000 χ^2/NDF : 985133476.8/16

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2677694.0/14

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

Right Out: 0.052+/-0.000 χ^2/NDF : 2151561.1/16

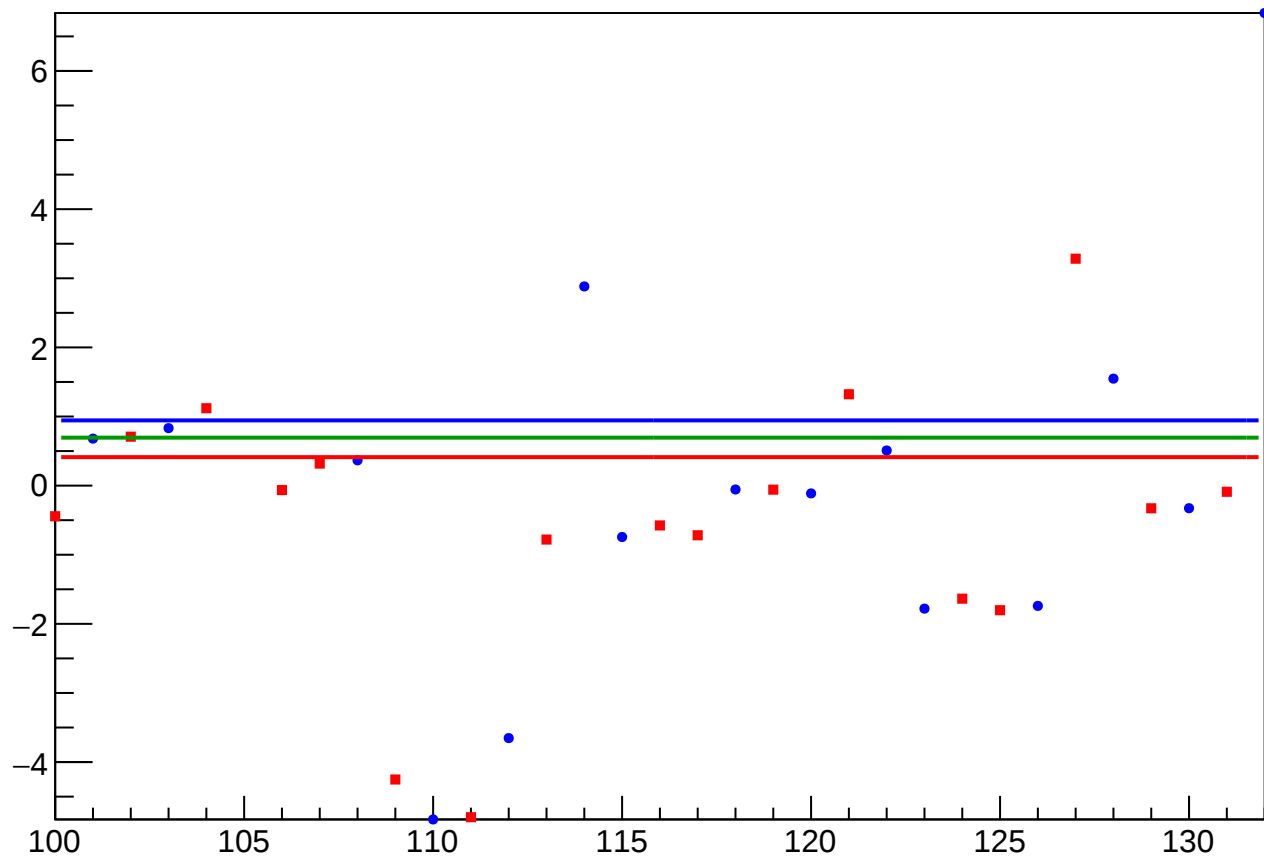
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2677694.0/14

0.047+/-0.000 χ^2/NDF : 4923420.2/31

0.052+/-0.000 χ^2/NDF : 2151561.1/16

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.944+/-0.000 χ^2/NDF : 10046137365.9/14

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

Right Out: 0.412+/-0.000 χ^2/NDF : 4365422517.2/16

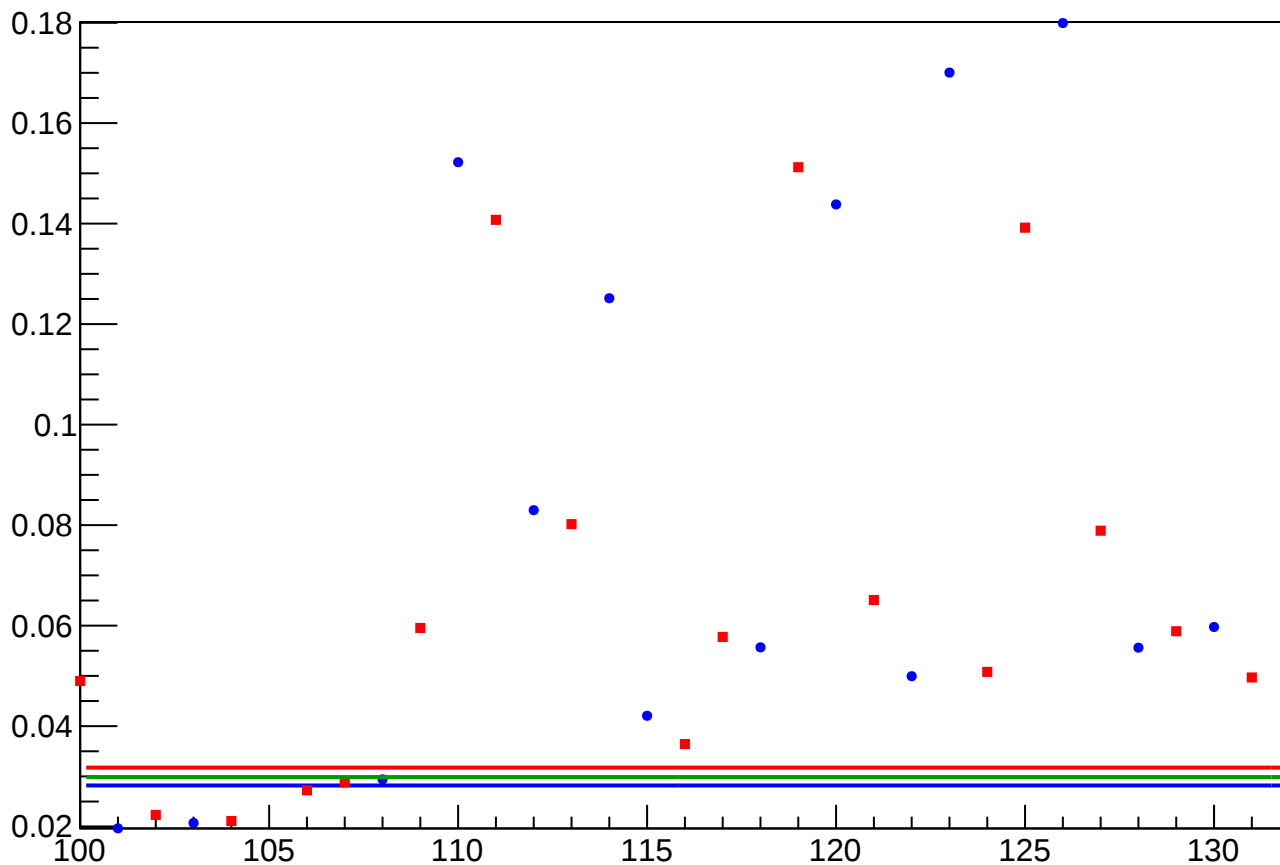
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.944+/-0.000 χ^2/NDF : 10046137365.9/14

0.694+/-0.000 χ^2/NDF : 14903302288.2/3

0.412+/-0.000 χ^2/NDF : 4365422517.2/16

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 2730222.8/14

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

Right Out: 0.032+/-0.000 χ^2/NDF : 2883617.7/16

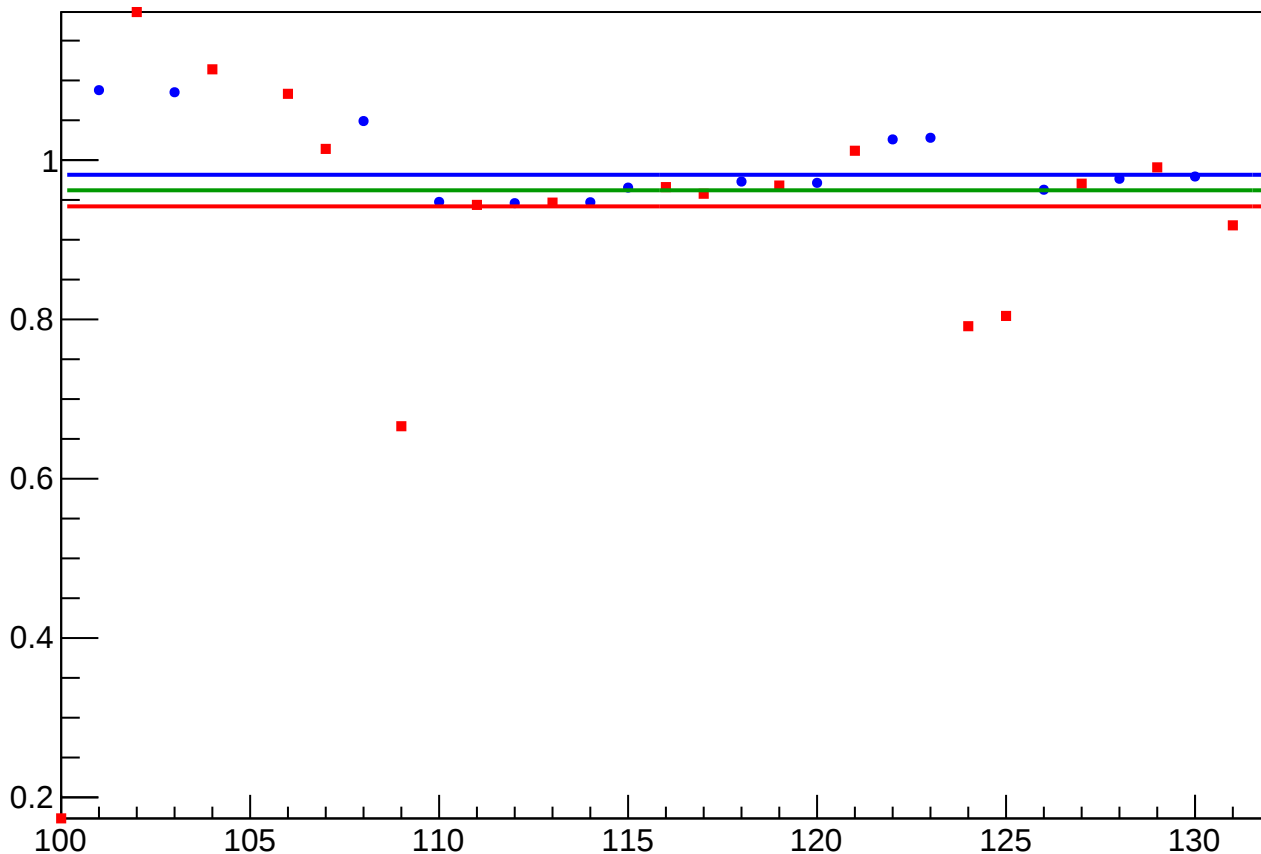
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 2730222.8/14

0.030+/-0.000 χ^2/NDF : 5657874.6/31

0.032+/-0.000 χ^2/NDF : 2883617.7/16

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.982+/-0.000 χ^2/NDF : 68737452.3/14

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

Right Out: 0.942+/-0.000 χ^2/NDF : 321901175.0/16

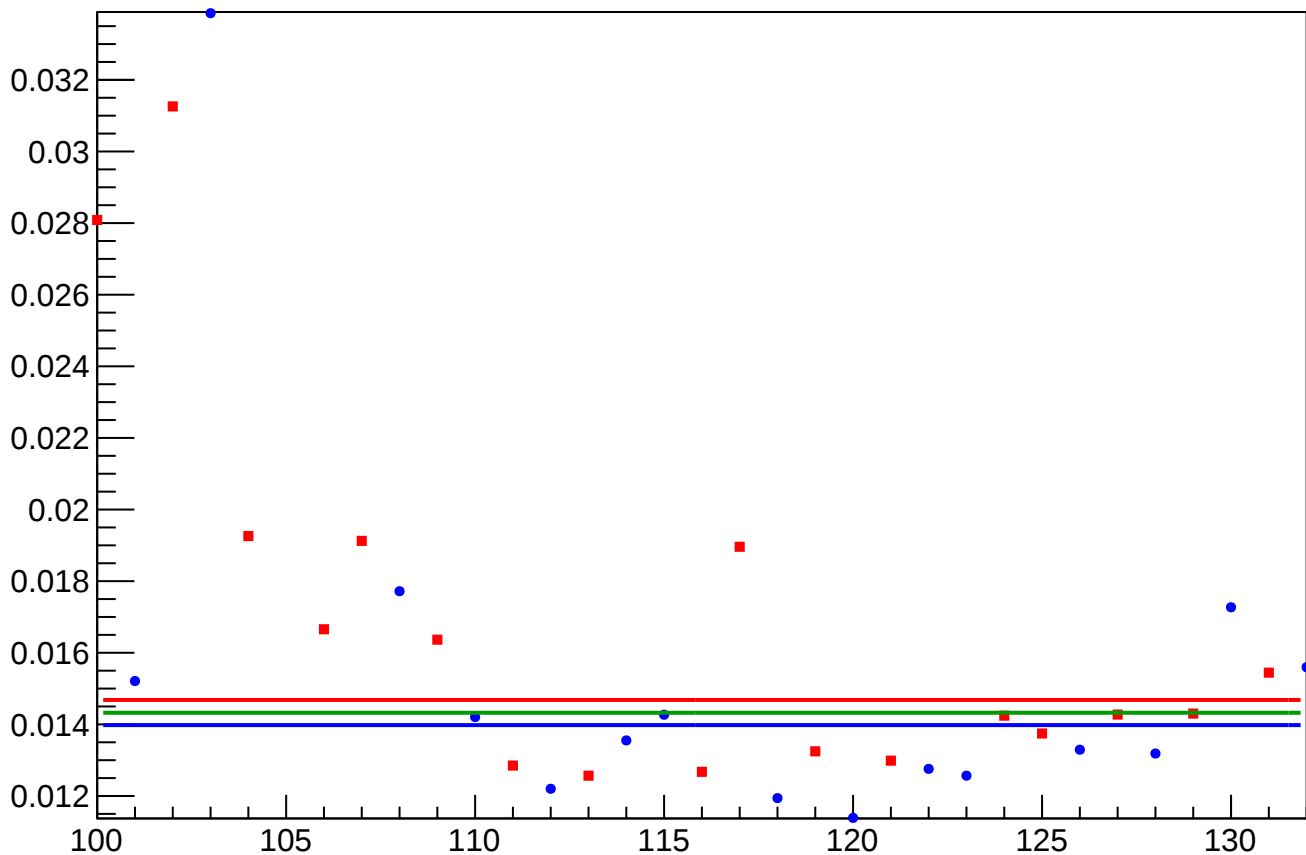
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.982+/-0.000 χ^2/NDF : 68737452.3/14

0.962+/-0.000 χ^2/NDF : 409670243.3/31

0.942+/-0.000 χ^2/NDF : 321901175.0/16

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014 +/- 0.000 χ^2/NDF : 520081.3/14

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

Right Out: 0.015 +/- 0.000 χ^2/NDF : 475317.9/16

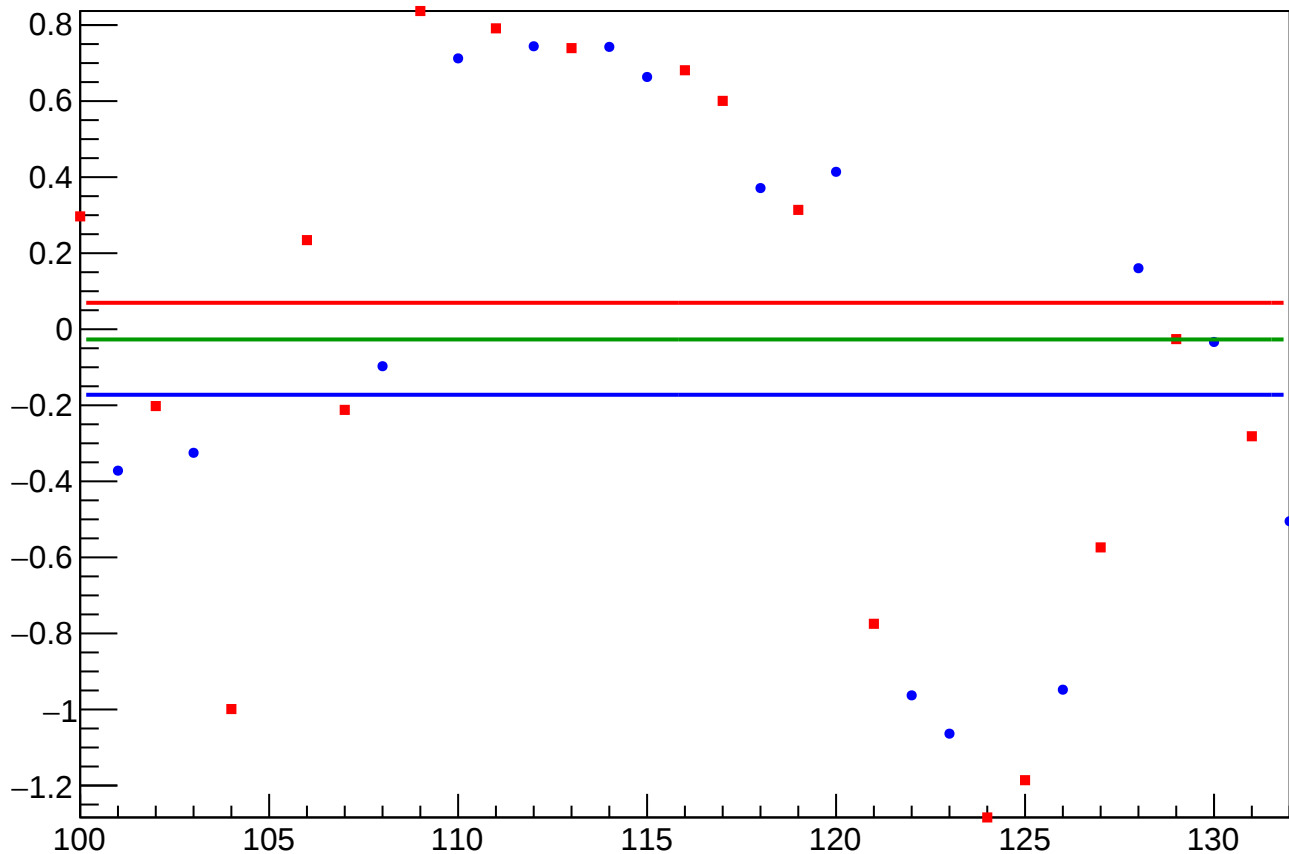
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.014 +/- 0.000 χ^2/NDF : 520081.3/14

0.014 +/- 0.000 χ^2/NDF : 1007338.6/31

0.015 +/- 0.000 χ^2/NDF : 475317.9/16

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.172+/-0.000 χ^2/NDF : 4655600380.3/14

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

Right Out: 0.070+/-0.000 χ^2/NDF : 11924920922.7/16

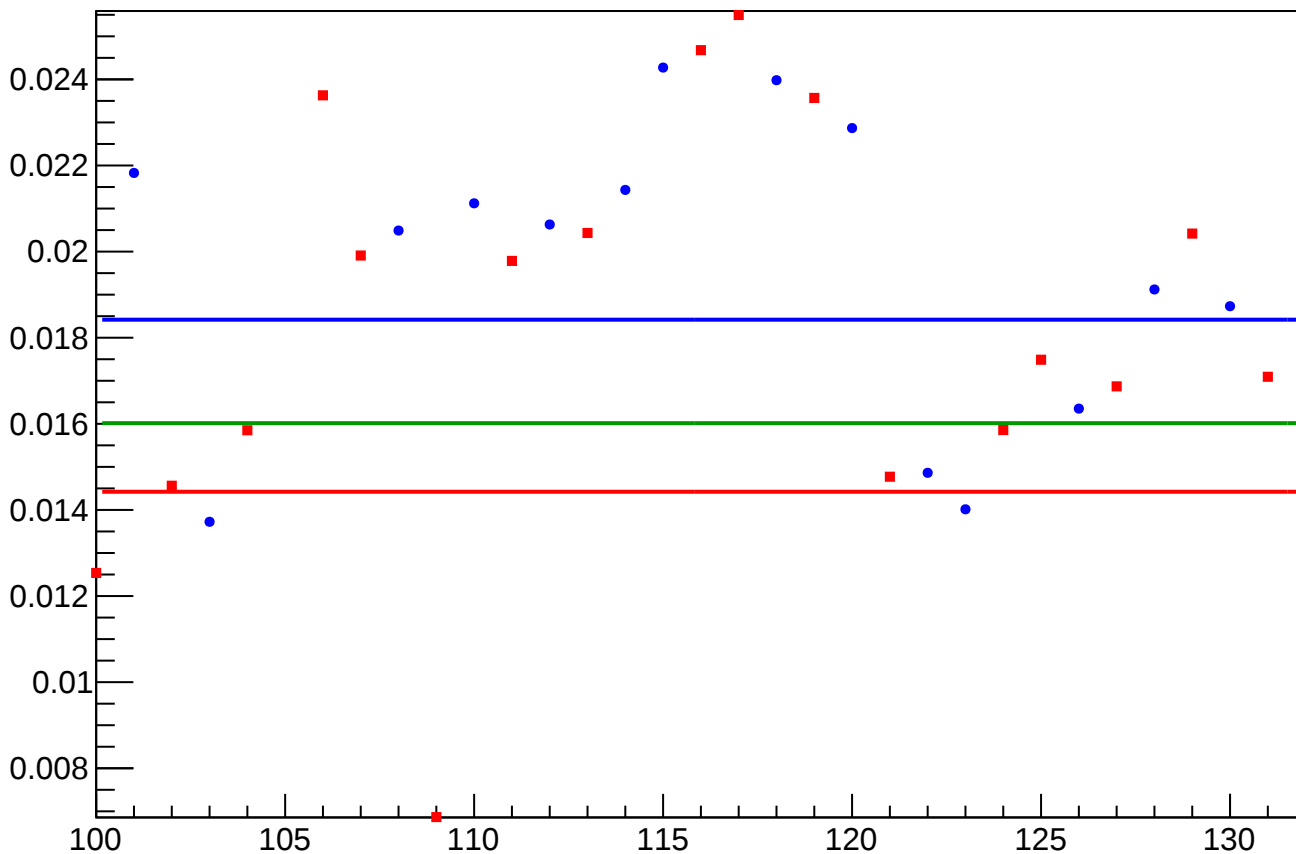
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.172+/-0.000 χ^2/NDF : 4655600380.3/14

-0.027+/-0.000 χ^2/NDF : 17102292942.2/14

0.070+/-0.000 χ^2/NDF : 11924920922.7/16

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 358046.0/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1411784.1/16

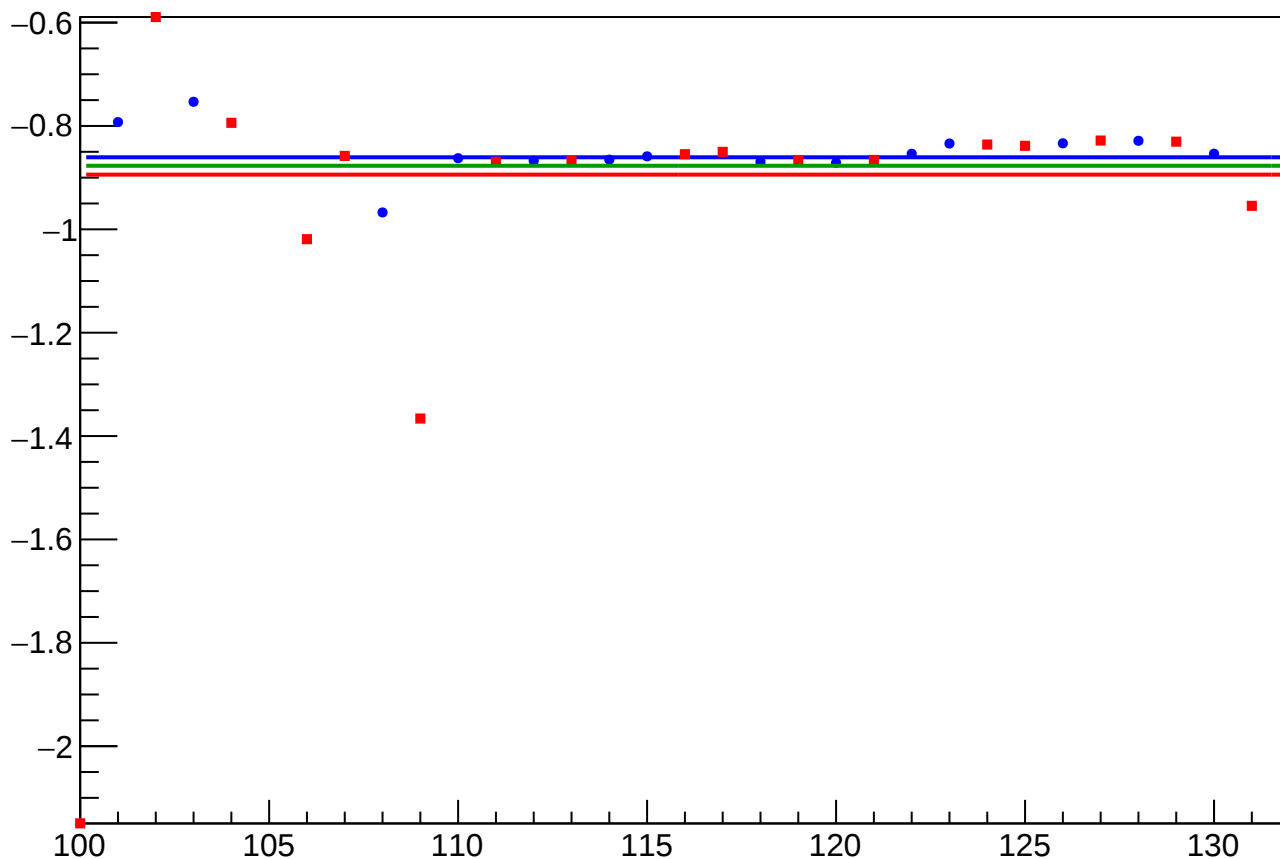
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 358046.0/14

0.016+/-0.000 χ^2/NDF : 2054677.2/31

0.014+/-0.000 χ^2/NDF : 1411784.1/16

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.861+/-0.000 χ^2/NDF : 15881654.4/14

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

Right Out: -0.894+/-0.000 χ^2/NDF : 114628720.1/16

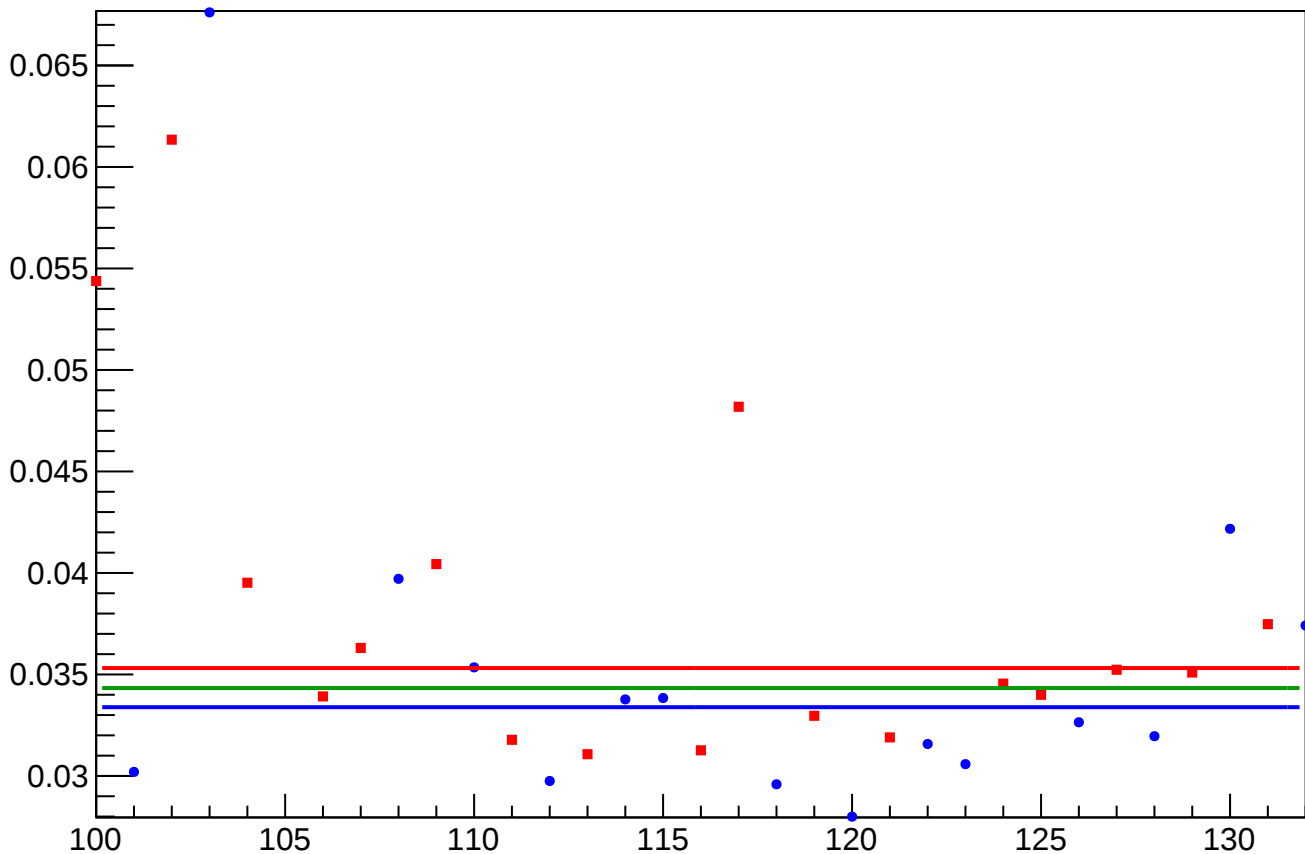
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.861+/-0.000 χ^2/NDF : 15881654.4/14

-0.877+/-0.000 χ^2/NDF : 132901634.6/31

-0.894+/-0.000 χ^2/NDF : 114628720.1/16

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.000 χ^2/NDF : 391762.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 $\pm$ 0.000 χ^2/NDF : 265113.3/16

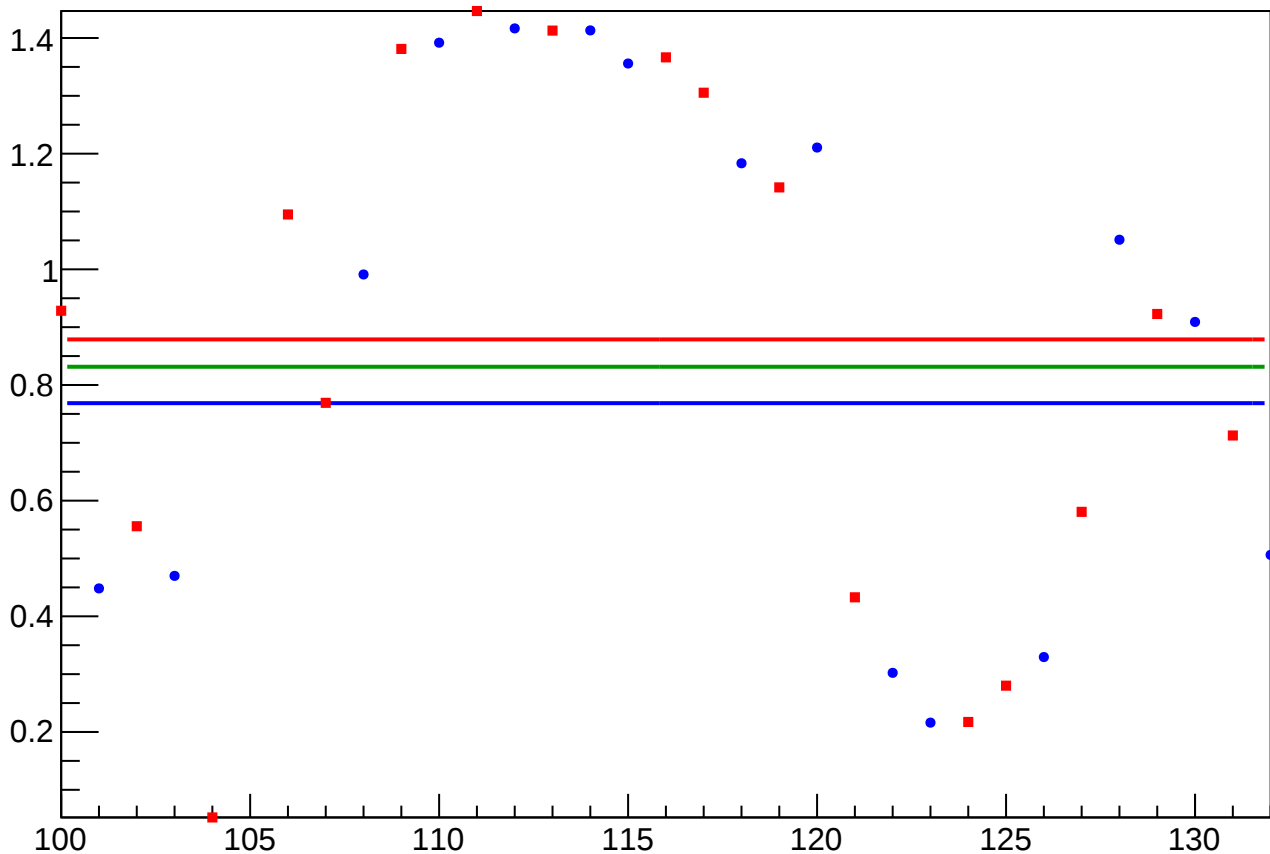
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.033 $\pm$ 0.000 χ^2/NDF : 391762.8/14

0.034 $\pm$ 0.000 χ^2/NDF : 672702.2/31

0.035 $\pm$ 0.000 χ^2/NDF : 265113.3/16

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.769+/-0.000 χ^2/NDF : 5355365440.9/14

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

Right Out: 0.879+/-0.000 χ^2/NDF : 9251465190.4/16

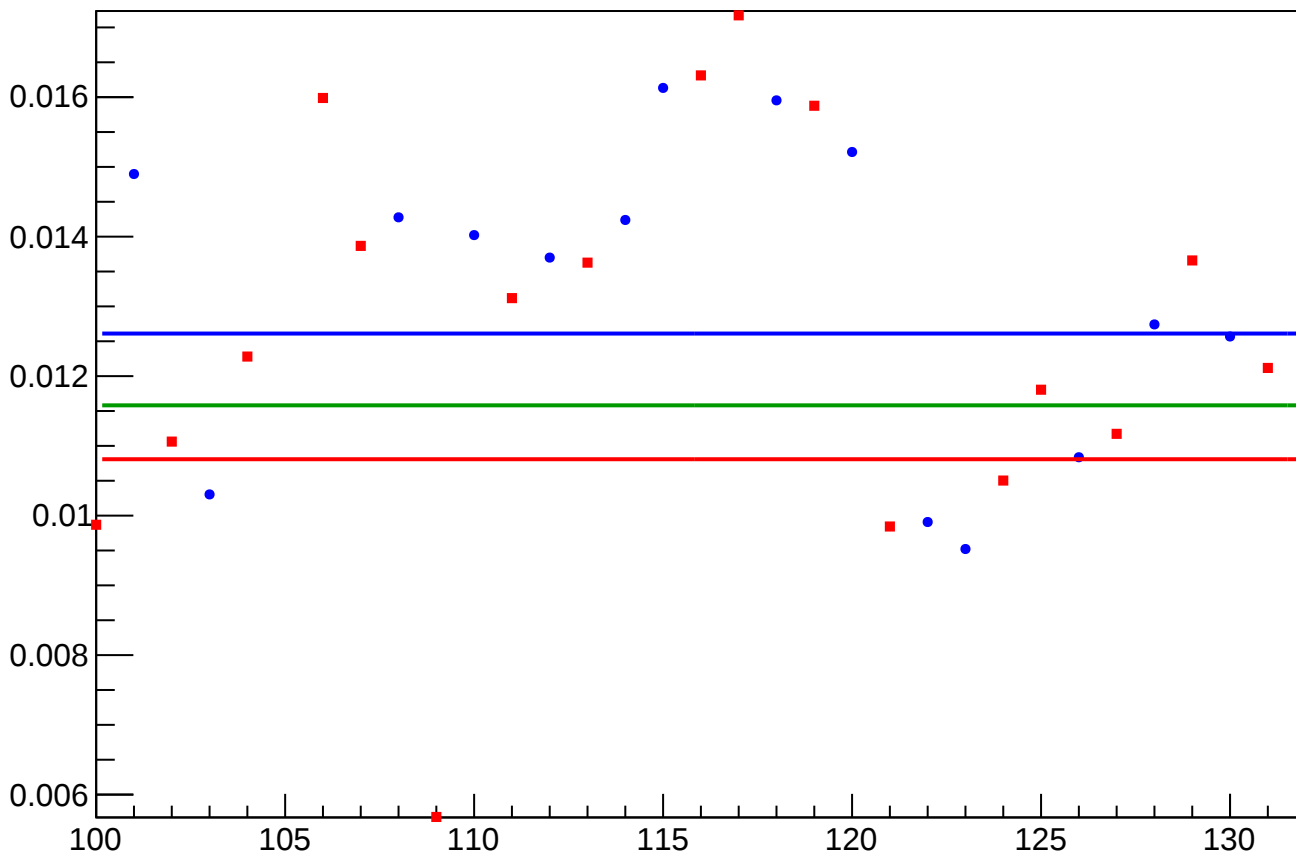
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.769+/-0.000 χ^2/NDF : 5355365440.9/14

0.832+/-0.000 χ^2/NDF : 14827926418.4/3

0.879+/-0.000 χ^2/NDF : 9251465190.4/16

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 274066.6/14

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

Right Out: 0.011+/-0.000 χ^2/NDF : 899121.6/16

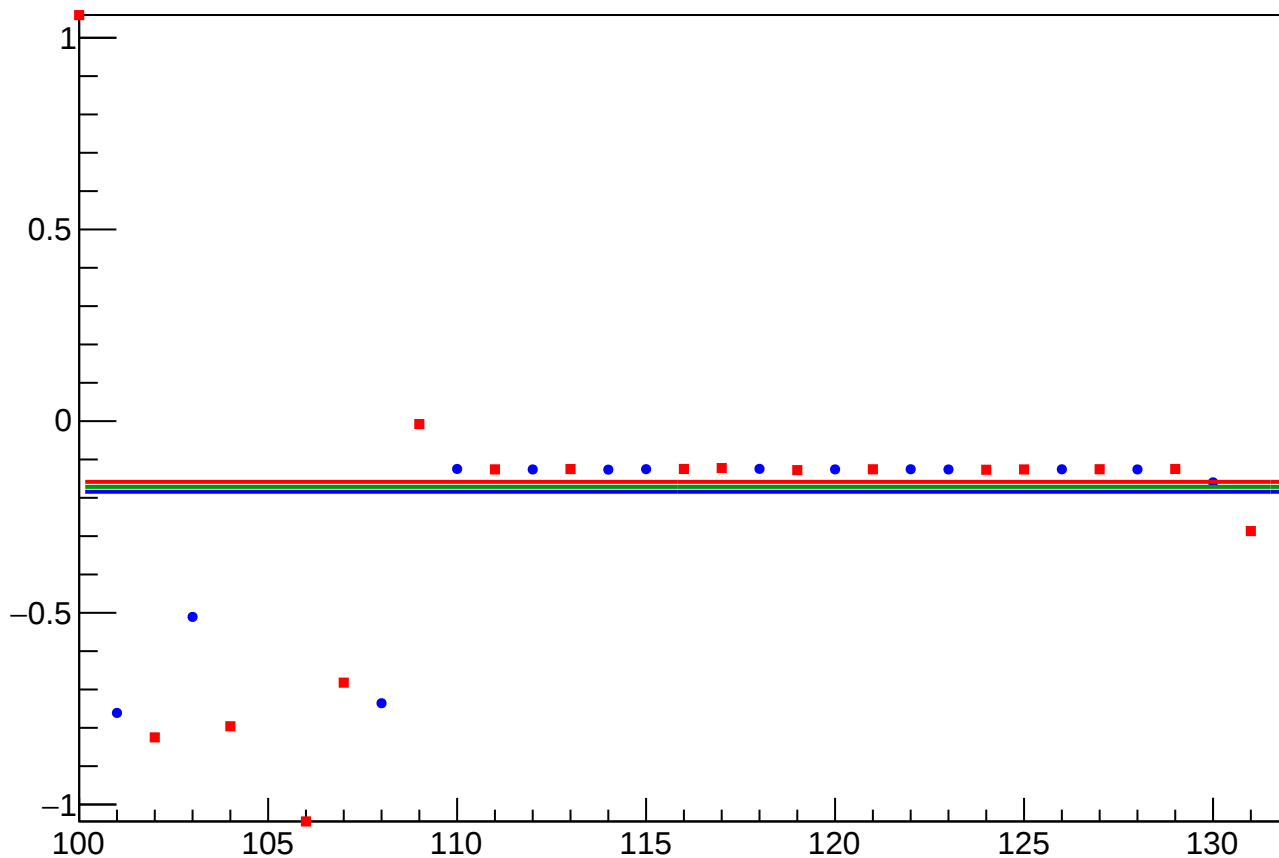
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 274066.6/14

0.012+/-0.000 χ^2/NDF : 1291378.0/31

0.011+/-0.000 χ^2/NDF : 899121.6/16

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.184+/-0.000 χ^2/NDF : 461454759.3/14

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

Right Out: -0.158+/-0.000 χ^2/NDF : 450358804.8/16

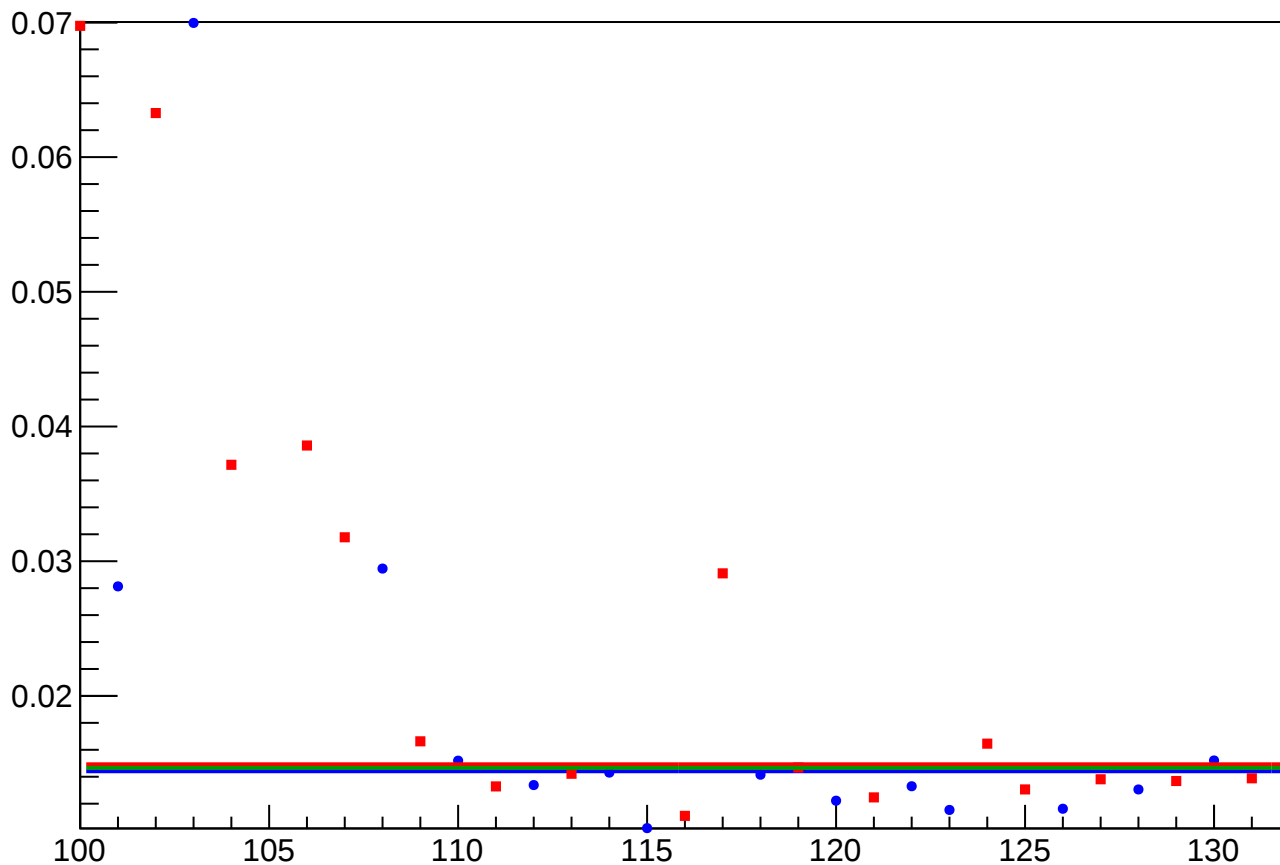
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.184+/-0.000 χ^2/NDF : 461454759.3/14

-0.171+/-0.000 χ^2/NDF : 918251873.5/31

-0.158+/-0.000 χ^2/NDF : 450358804.8/16

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1174939.3/14

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1368302.3/16

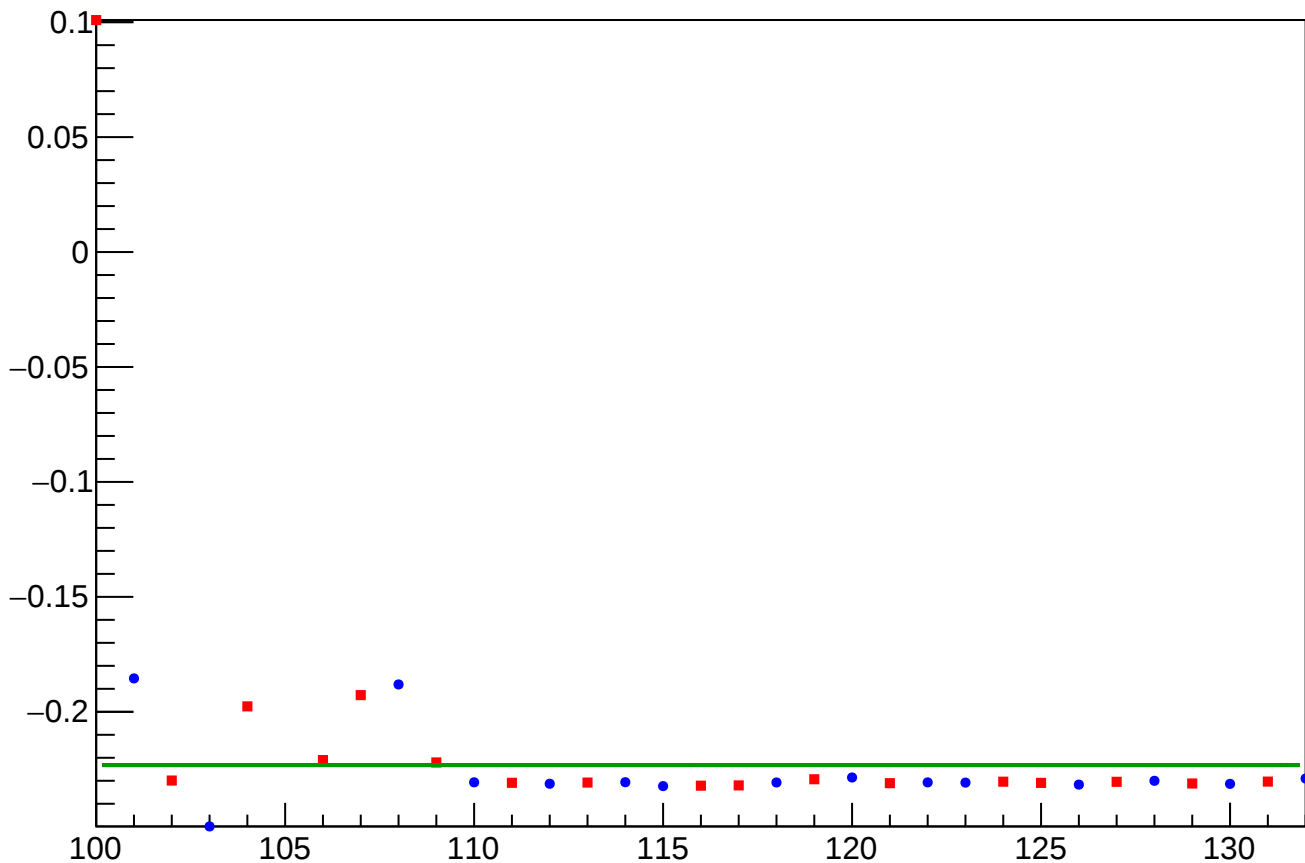
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1174939.3/14

0.015+/-0.000 χ^2/NDF : 2548334.9/31

0.015+/-0.000 χ^2/NDF : 1368302.3/16

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 73964175.1/14

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

Right Out: -0.223+/-0.000 χ^2/NDF : 167957701.6/16

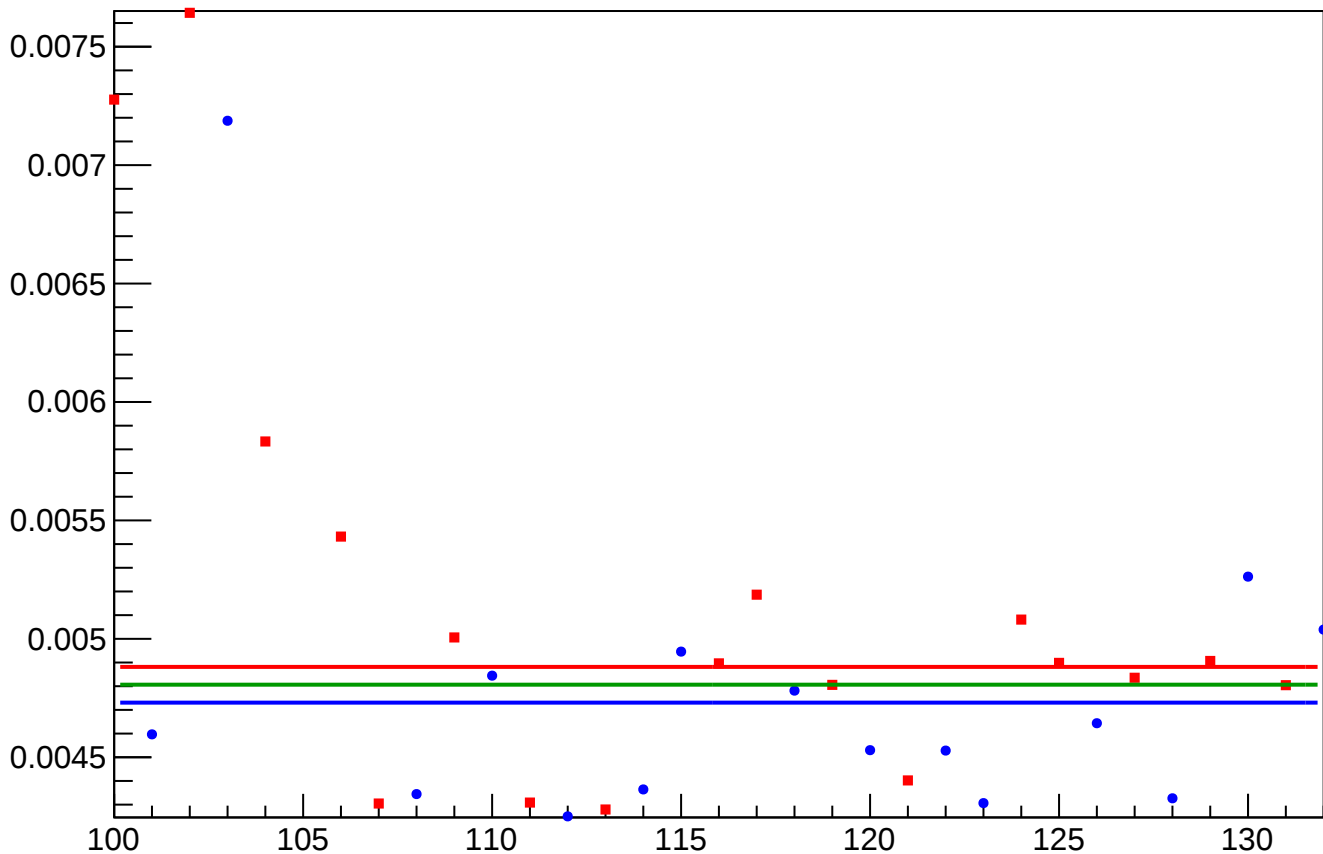
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 73964175.1/14

-0.223+/-0.000 χ^2/NDF : 241922226.6/31

-0.223+/-0.000 χ^2/NDF : 167957701.6/16

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 166646.9/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226895.1/16

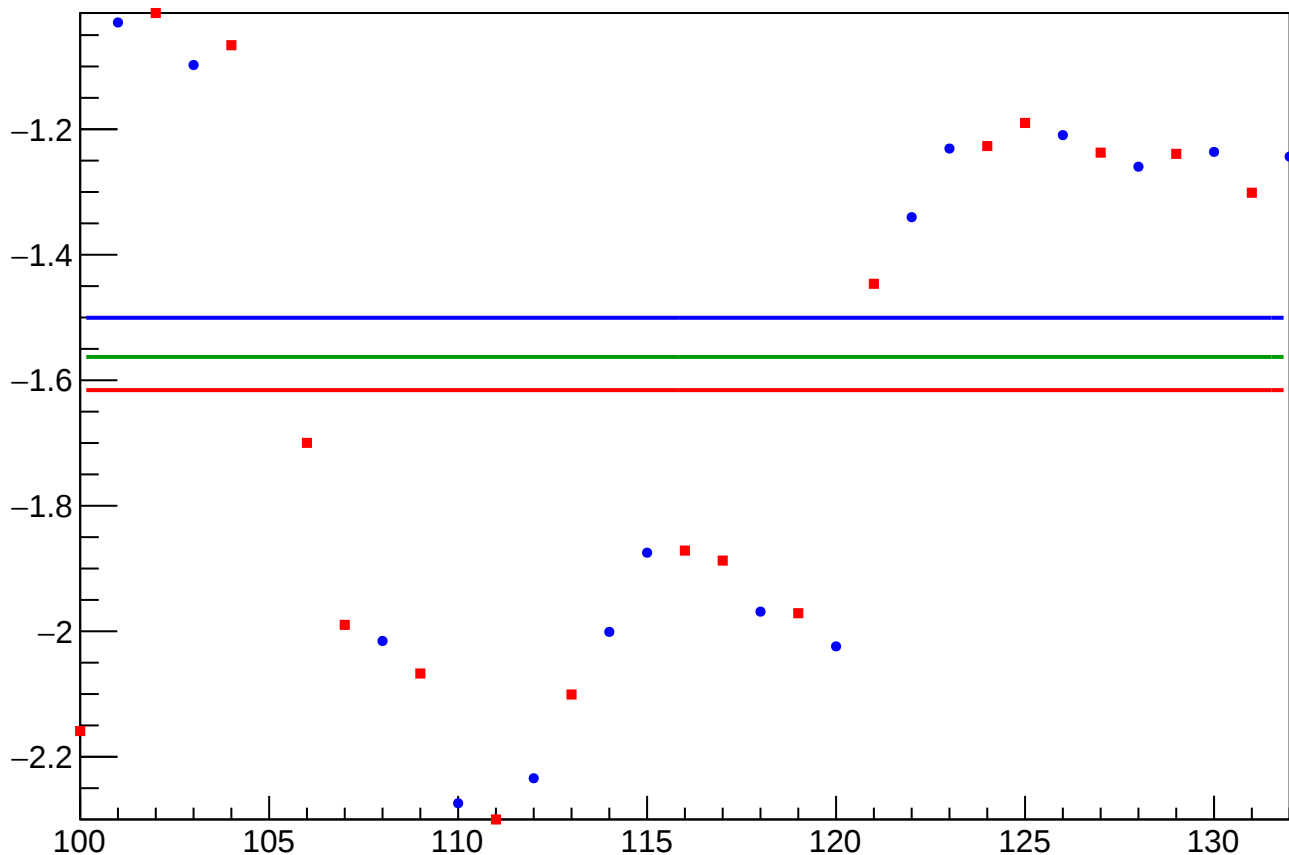
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 166646.9/14

0.005+/-0.000 χ^2/NDF : 398691.0/31

0.005+/-0.000 χ^2/NDF : 226895.1/16

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.500 ± 0.000 $\chi^2/\text{NDF}: 22418067837.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.616 ± 0.000 $\chi^2/\text{NDF}: 27863112916.6/16$

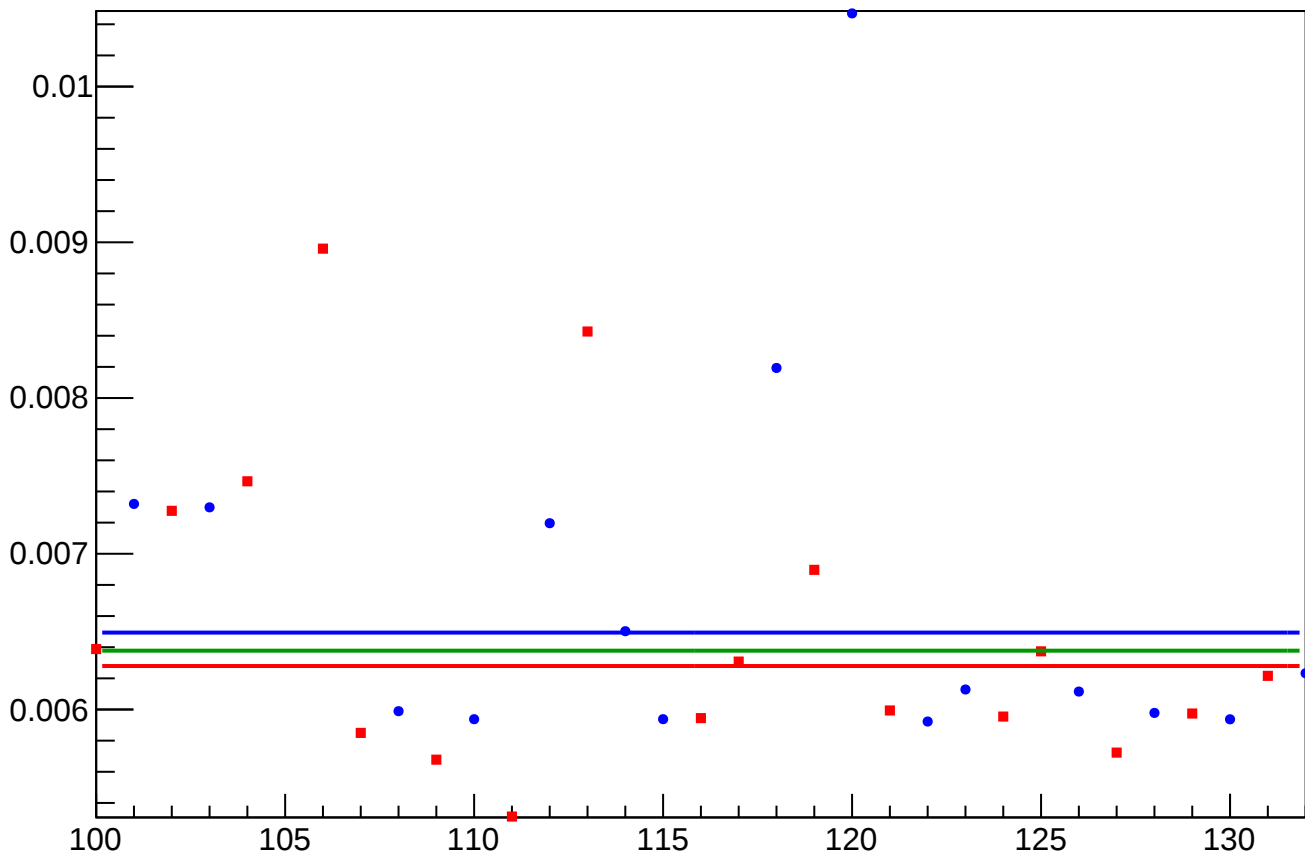
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.500 ± 0.000 $\chi^2/\text{NDF}: 22418067837.5/14$

-1.563 ± 0.000 $\chi^2/\text{NDF}: 51144872951.5/16$

-1.616 ± 0.000 $\chi^2/\text{NDF}: 27863112916.6/16$

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 172807.2/14

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

Right Out: 0.006+/-0.000 χ^2/NDF : 195137.2/16

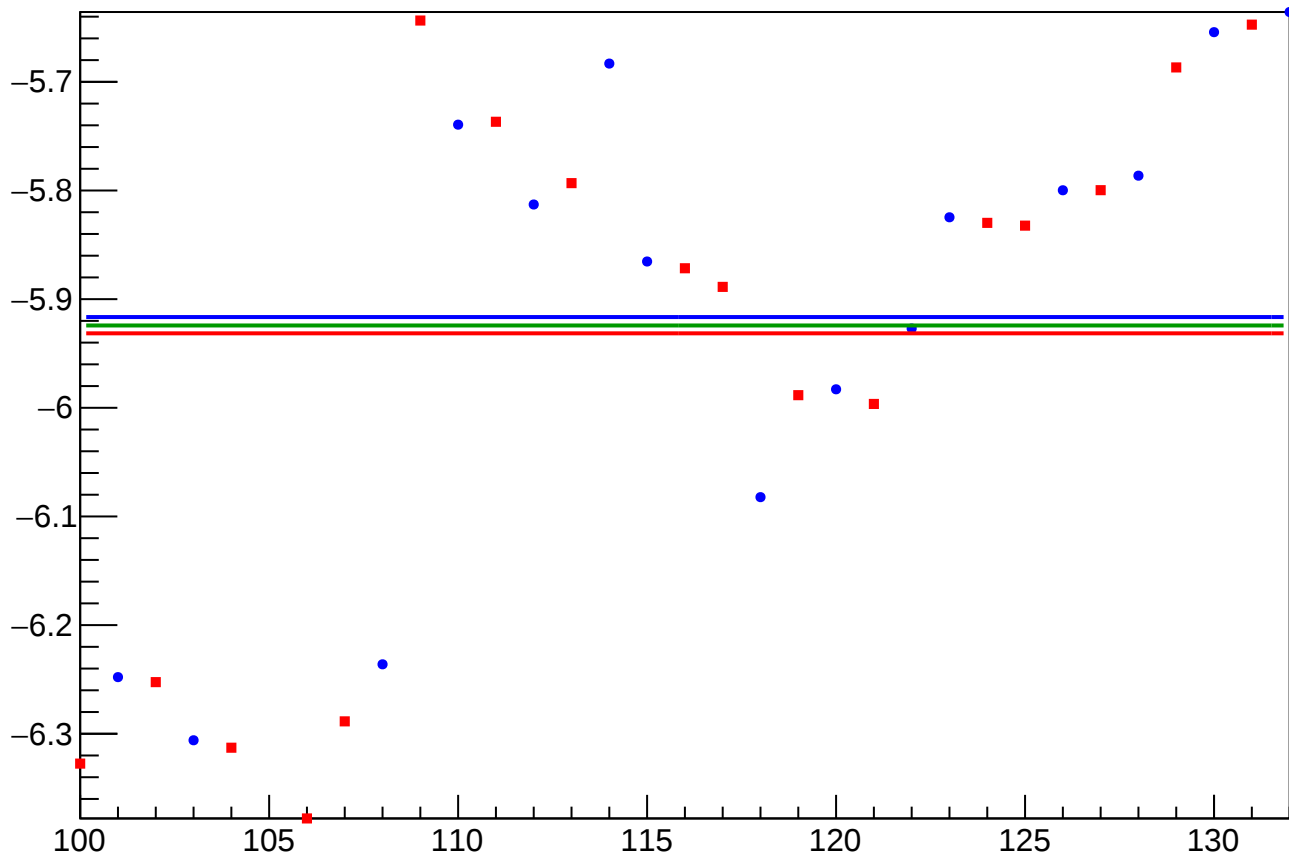
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 172807.2/14

0.006+/-0.000 χ^2/NDF : 373933.5/31

0.006+/-0.000 χ^2/NDF : 195137.2/16

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.916+/-0.000 χ^2 /NDF: 10789254956.4/14

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

Right Out: -5.931+/-0.000 χ^2 /NDF: 12105922776.6/16

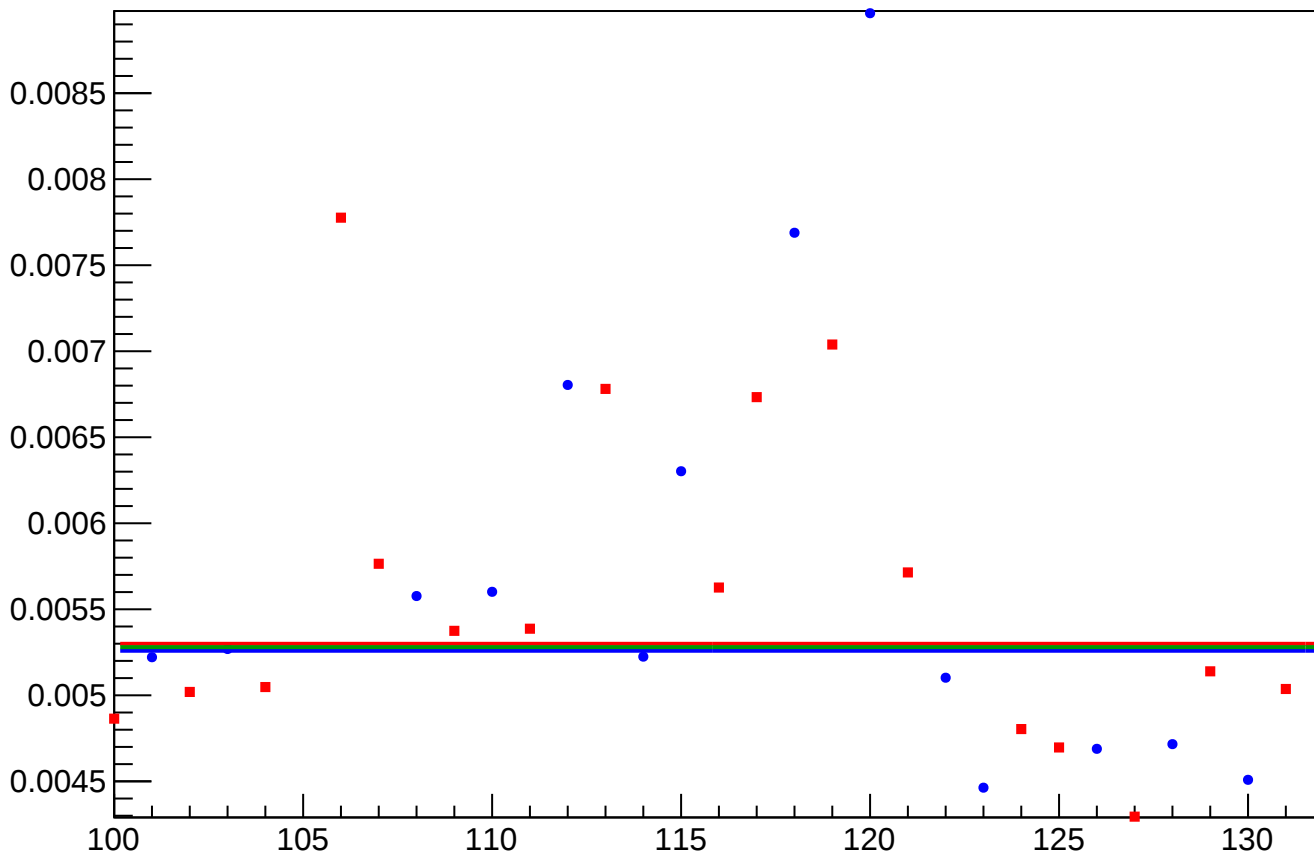
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.916+/-0.000 χ^2 /NDF: 10789254956.4/14

-5.924+/-0.000 χ^2 /NDF: 22916278049.5/16

-5.931+/-0.000 χ^2 /NDF: 12105922776.6/16

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 277971.2/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 221535.9/16

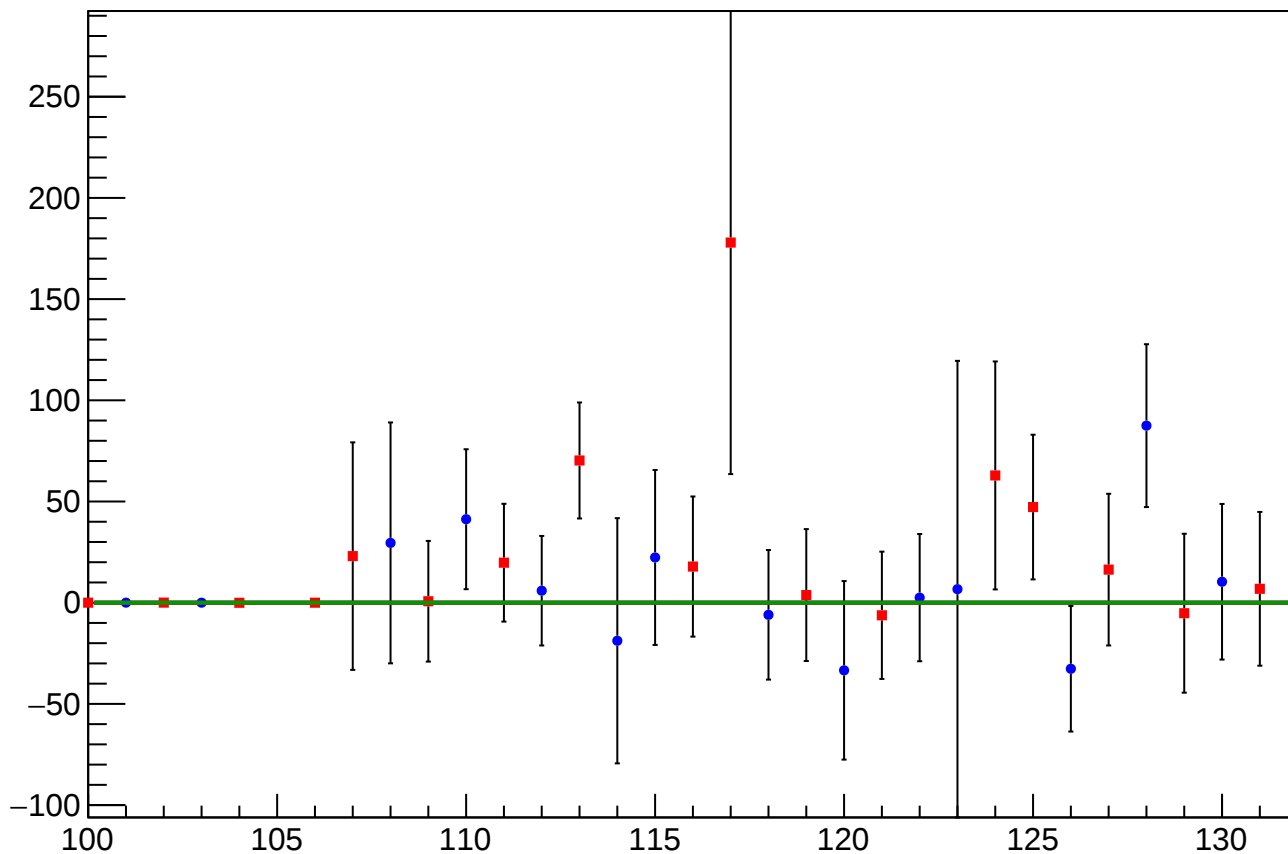
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 277971.2/14

0.005+/-0.000 χ^2/NDF : 499813.4/31

0.005+/-0.000 χ^2/NDF : 221535.9/16

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 9.6/14

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

Right Out: -0.003+/-0.016 χ^2/NDF : 17.4/16

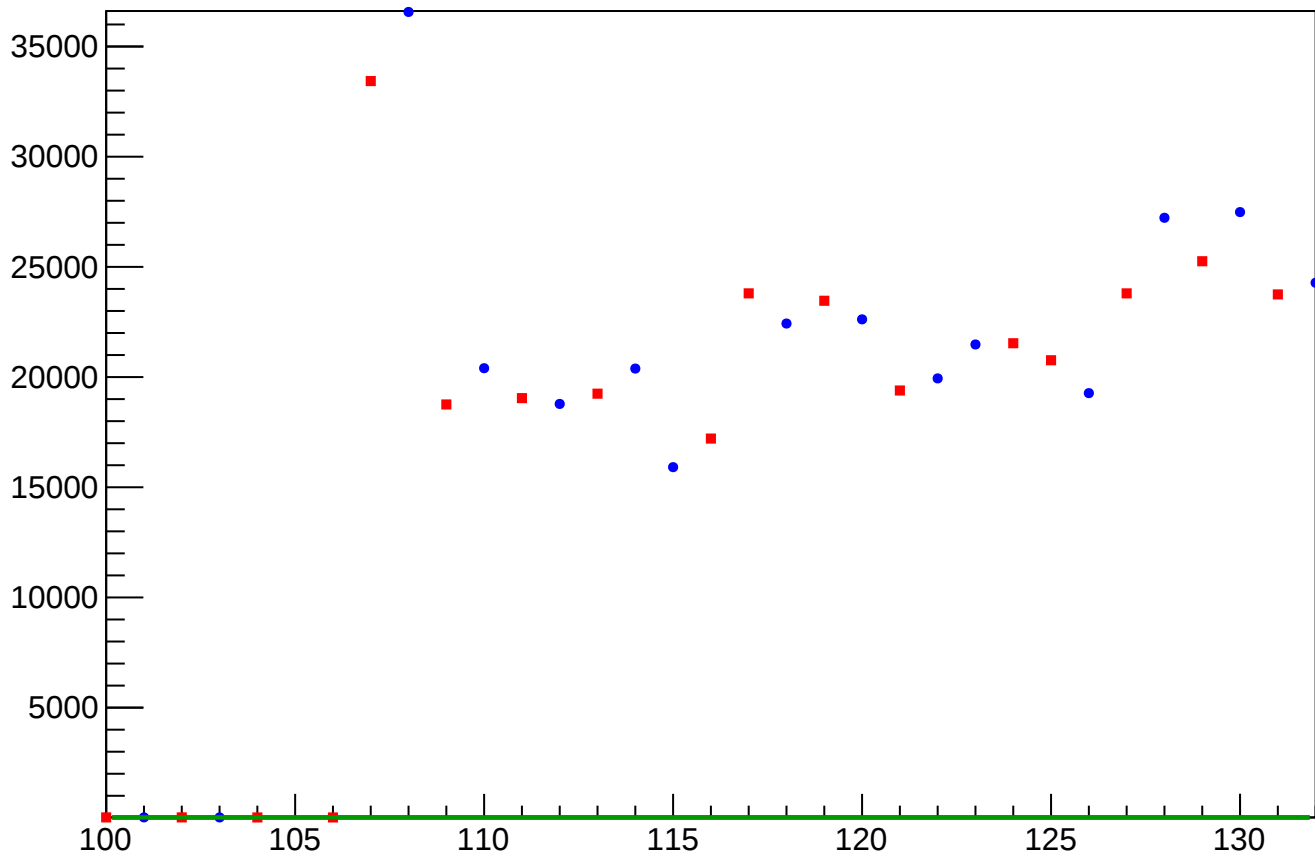
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 9.6/14

0.004+/-0.012 χ^2/NDF : 27.6/31

-0.003+/-0.016 χ^2/NDF : 17.4/16

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.618+/-0.012 χ^2/NDF : 8814727.8/14

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

Right Out: 18.296+/-0.011 χ^2/NDF : 9017038.1/16

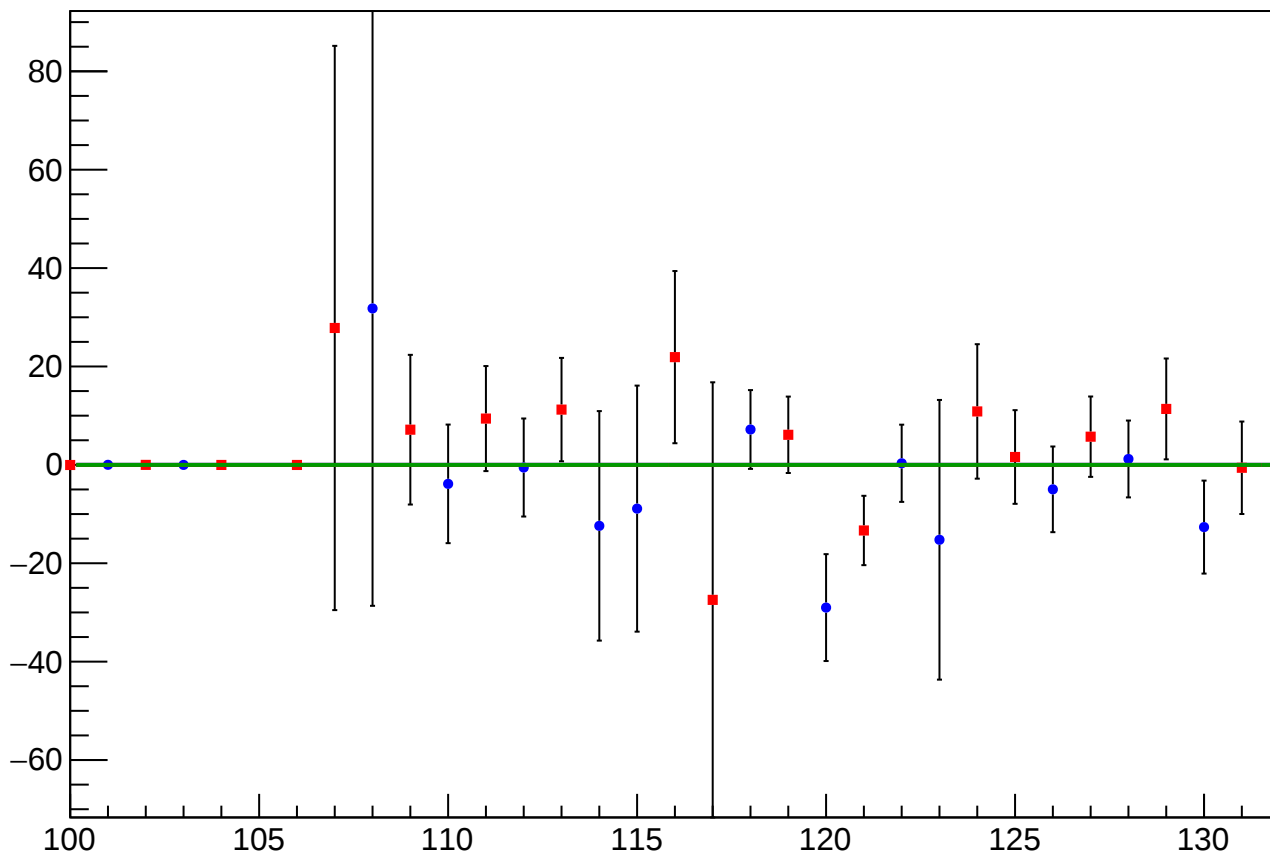
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.618+/-0.012 χ^2/NDF : 8814727.8/14

18.445+/-0.008 χ^2/NDF : 17832139.0/31

18.296+/-0.011 χ^2/NDF : 9017038.1/16

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 12.3/14

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

Right Out: -0.014+/-0.009 χ^2/NDF : 11.6/16

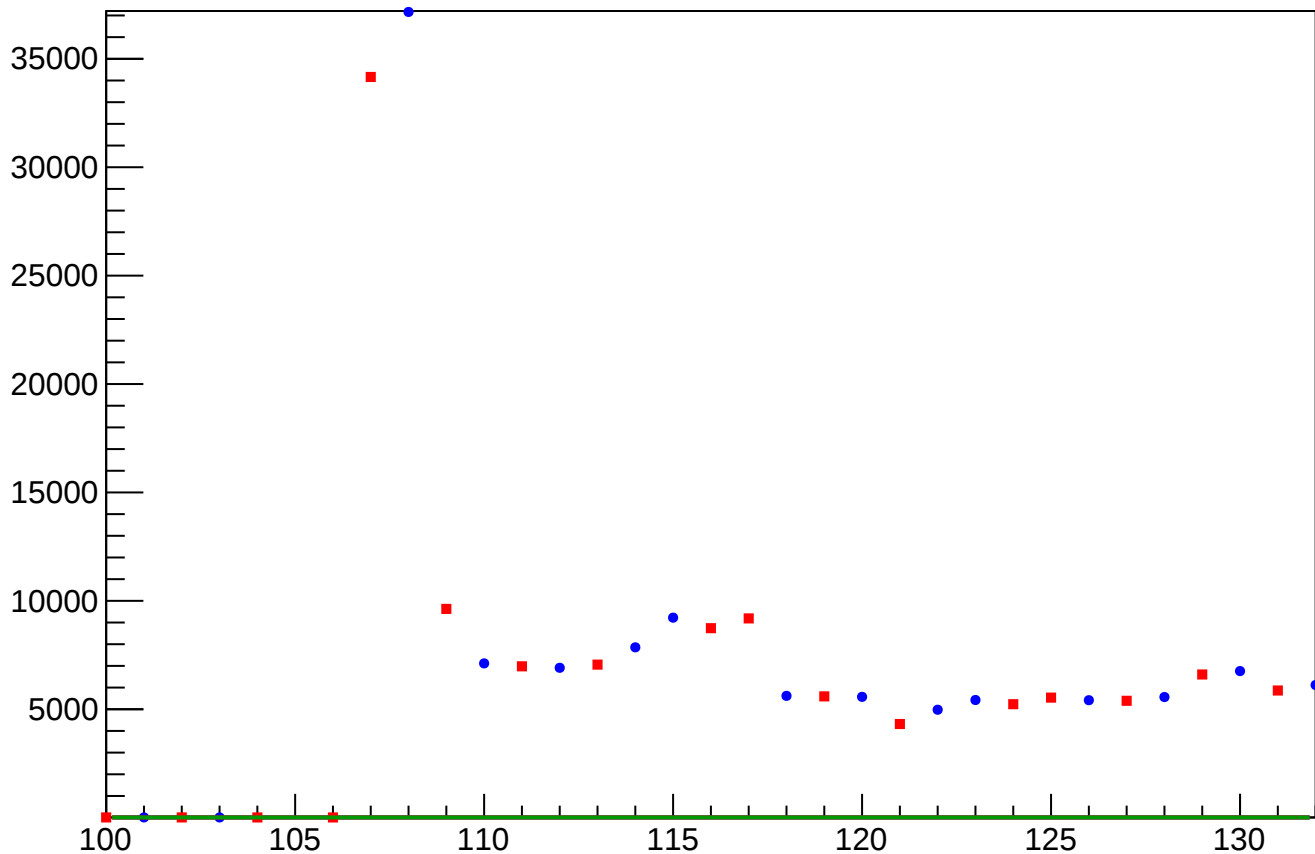
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 12.3/14

-0.007+/-0.006 χ^2/NDF : 25.3/31

-0.014+/-0.009 χ^2/NDF : 11.6/16

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.913+/-0.007 χ^2/NDF : 8907846.3/14

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

Right Out: 9.832+/-0.006 χ^2/NDF : 9077670.2/16

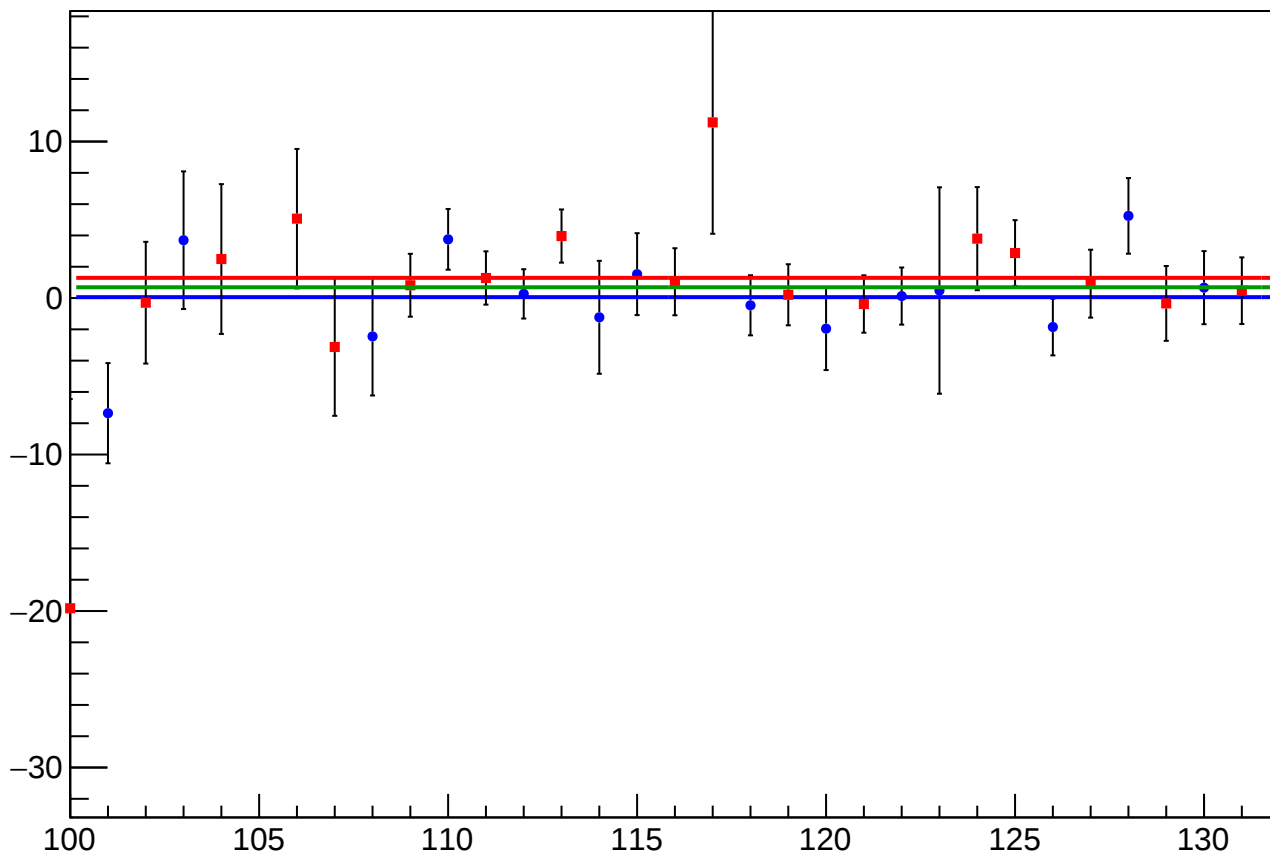
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.913+/-0.007 χ^2/NDF : 8907846.3/14

9.870+/-0.004 χ^2/NDF : 17985598.5/31

9.832+/-0.006 χ^2/NDF : 9077670.2/16

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.057+/-0.604 χ^2/NDF : 18.0/14

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

Right Out: 1.291+/-0.589 χ^2/NDF : 11.9/16

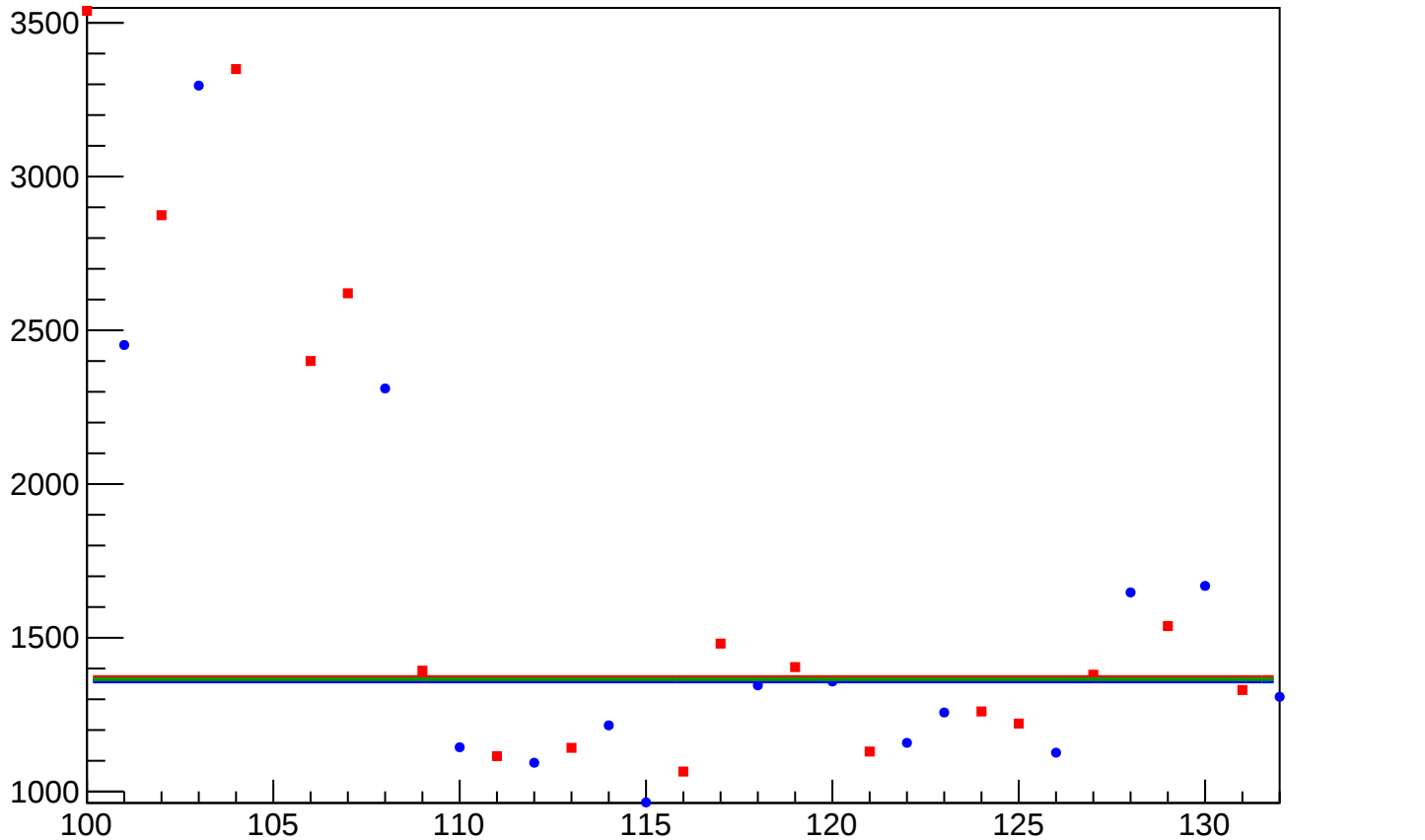
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.057+/-0.604 χ^2/NDF : 18.0/14

0.689+/-0.422 χ^2/NDF : 32.1/31

1.291+/-0.589 χ^2/NDF : 11.9/16

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1358.213+/-0.427 χ^2/NDF : 1000838.0/14

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

Right Out: 1372.059+/-0.417 χ^2/NDF : 1142255.3/16

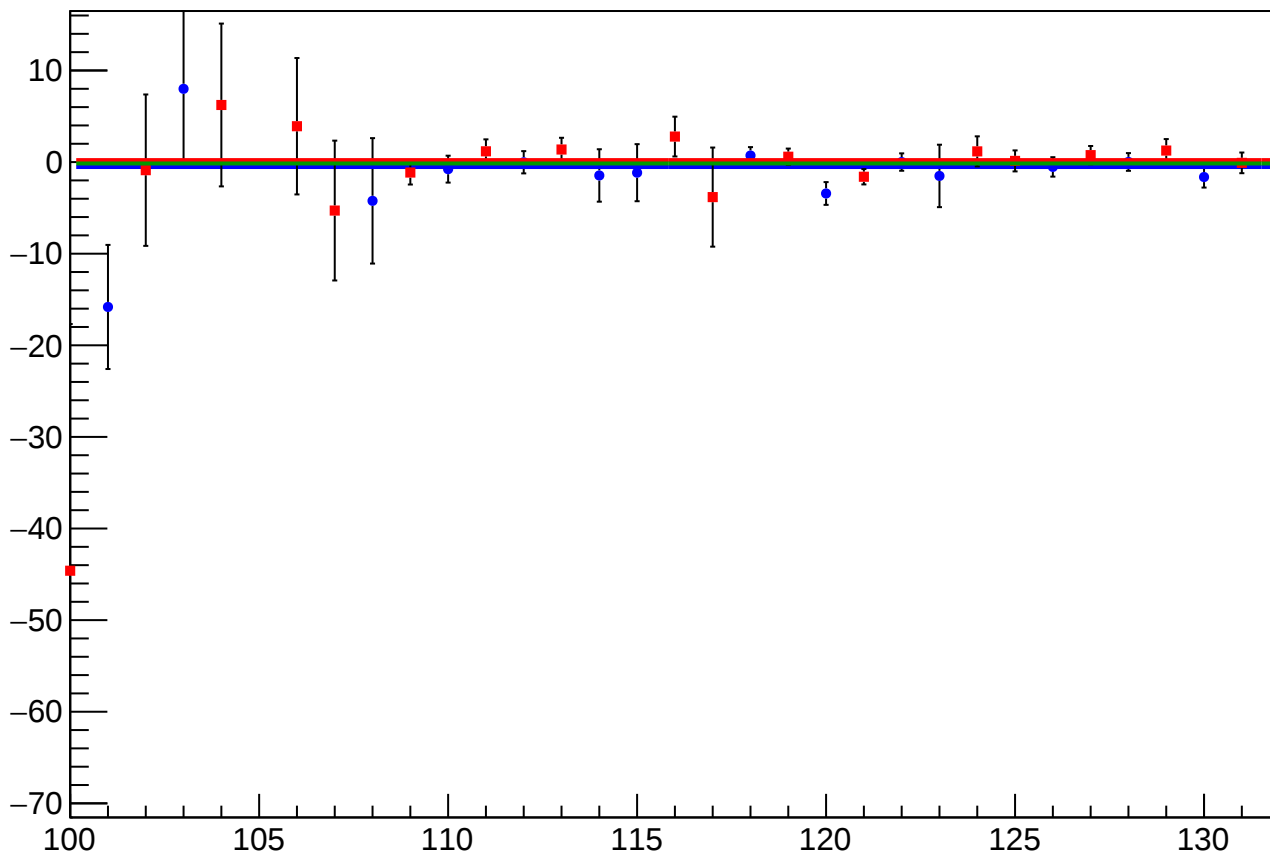
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1358.213+/-0.427 χ^2/NDF : 1000838.0/14

1365.305+/-0.298 χ^2/NDF : 2143632.1/31

1372.059+/-0.417 χ^2/NDF : 1142255.3/16

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.538 ± 0.355 χ^2/NDF : 15.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.216 ± 0.346 χ^2/NDF : 14.7/16

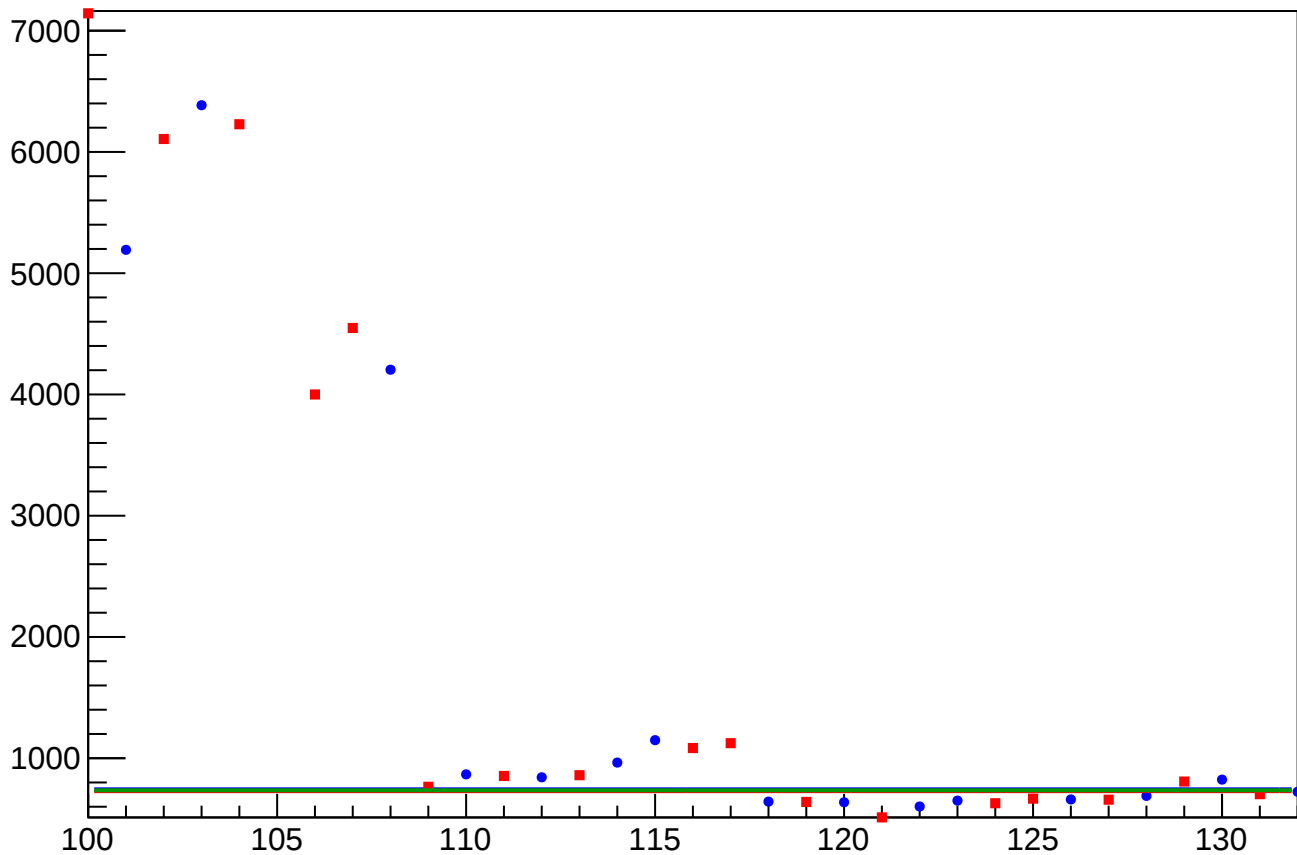
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.538 ± 0.355 χ^2/NDF : 15.8/14

-0.152 ± 0.248 χ^2/NDF : 32.8/31

0.216 ± 0.346 χ^2/NDF : 14.7/16

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 743.465+/-0.251 χ^2/NDF : 2443651.4/14

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

Right Out: 728.574+/-0.245 χ^2/NDF : 2904536.0/16

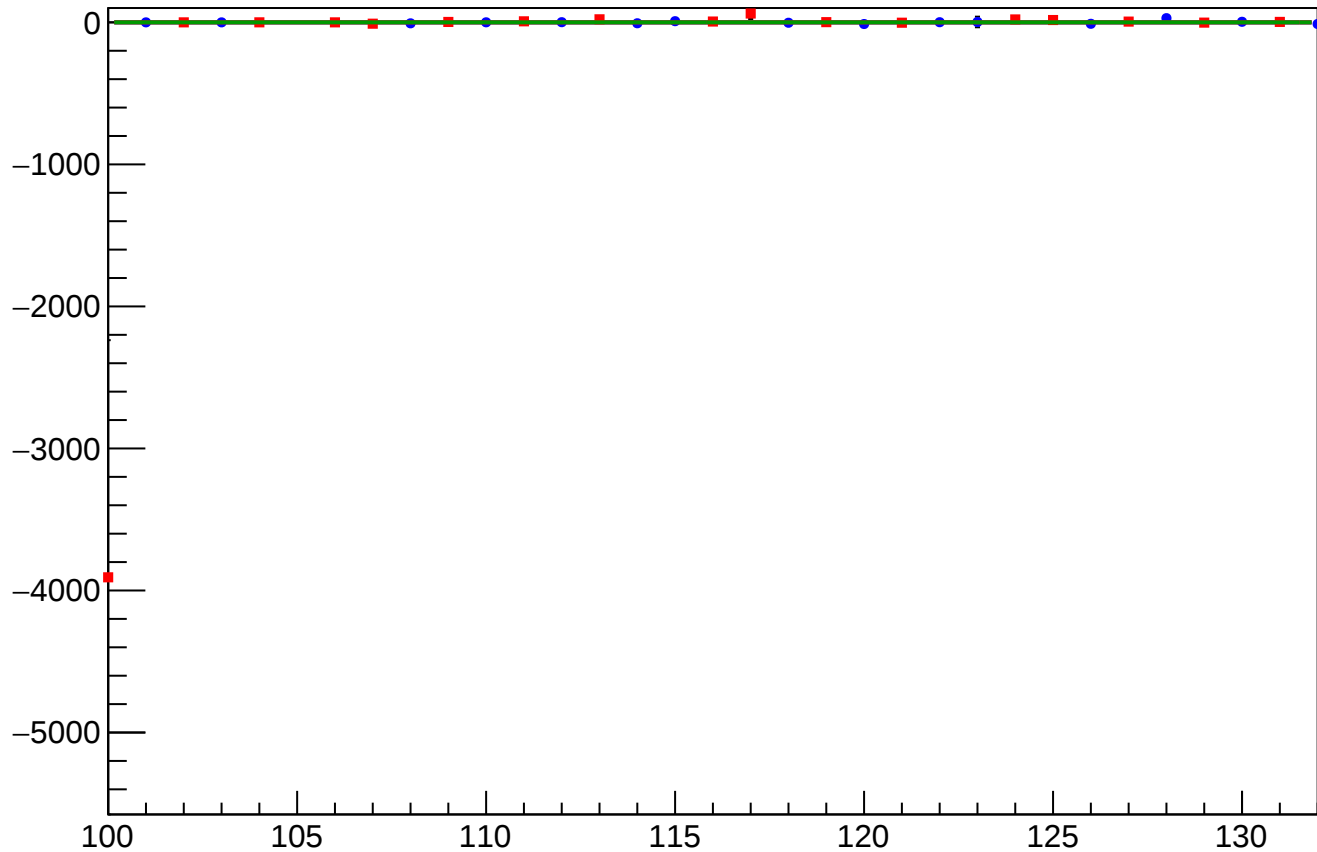
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

743.465+/-0.251 χ^2/NDF : 2443651.4/14

735.839+/-0.175 χ^2/NDF : 5349992.6/31

728.574+/-0.245 χ^2/NDF : 2904536.0/16

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2 /NDF: 8.9/14

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

Right Out: 0.027+/-0.020 χ^2 /NDF: 19.5/16

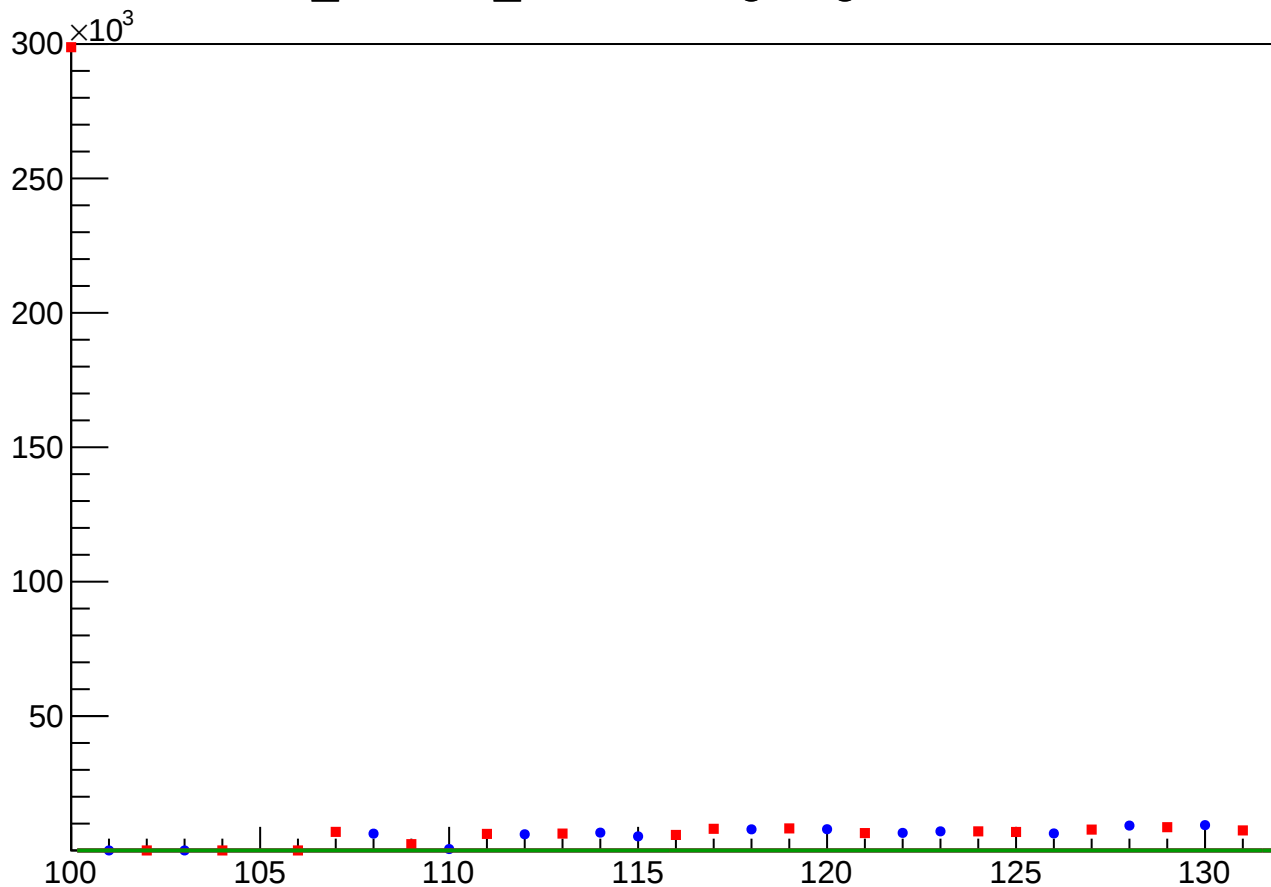
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.021+/-0.021 χ^2 /NDF: 8.9/14

0.004+/-0.014 χ^2 /NDF: 31.2/31

0.027+/-0.020 χ^2 /NDF: 19.5/16

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.245 $\pm$ 0.015 χ^2 /NDF: 8341208.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.200 $\pm$ 0.014 χ^2 /NDF: 8734627.1/16

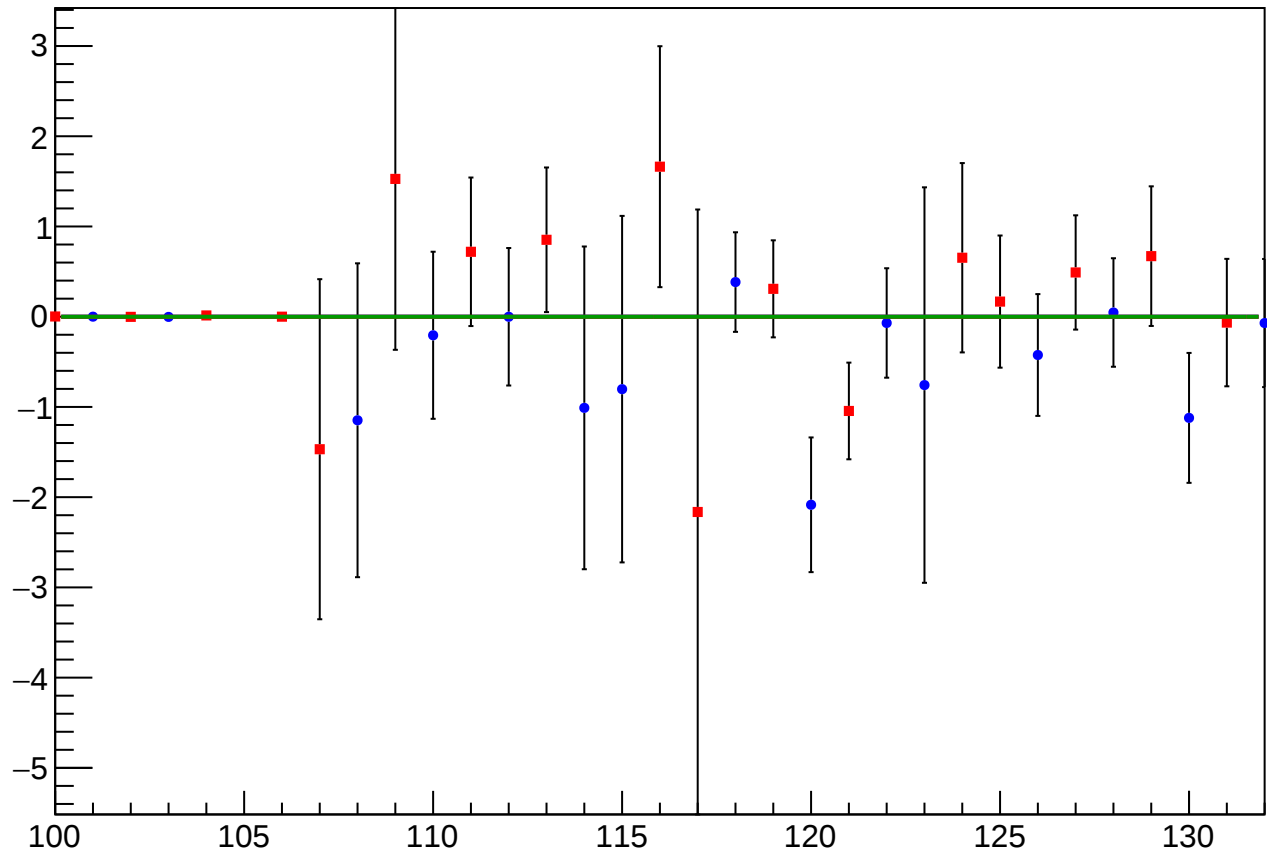
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.245 $\pm$ 0.015 χ^2 /NDF: 8341208.8/14

17.221 $\pm$ 0.010 χ^2 /NDF: 17075840.8/31

17.200 $\pm$ 0.014 χ^2 /NDF: 8734627.1/16

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 12.0/16

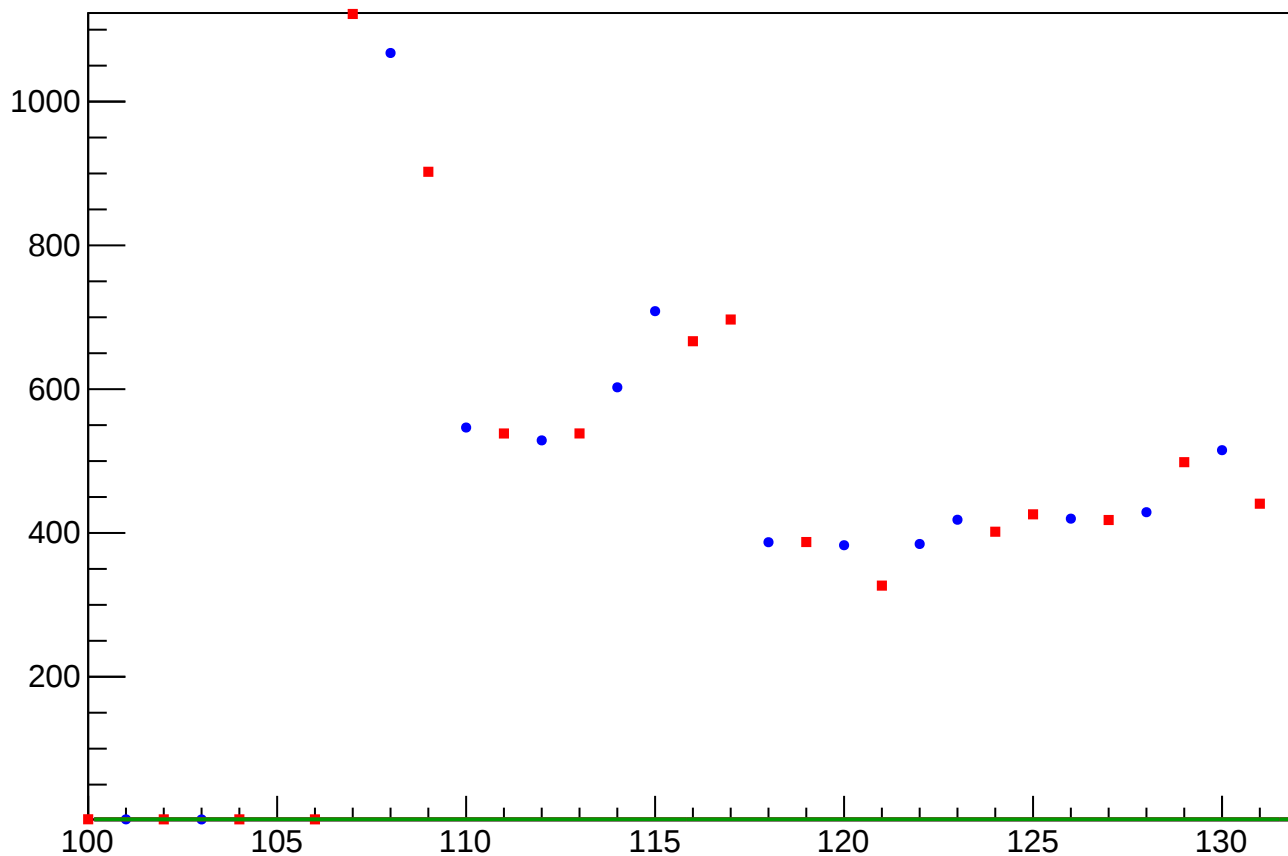
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 12.4/14

-0.000 $\pm$ 0.001 χ^2 /NDF: 24.6/31

-0.001 $\pm$ 0.002 χ^2 /NDF: 12.0/16

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.683 $\pm$ 0.001 χ^2 /NDF: 8867104.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.714 $\pm$ 0.001 χ^2 /NDF: 8677629.3/16

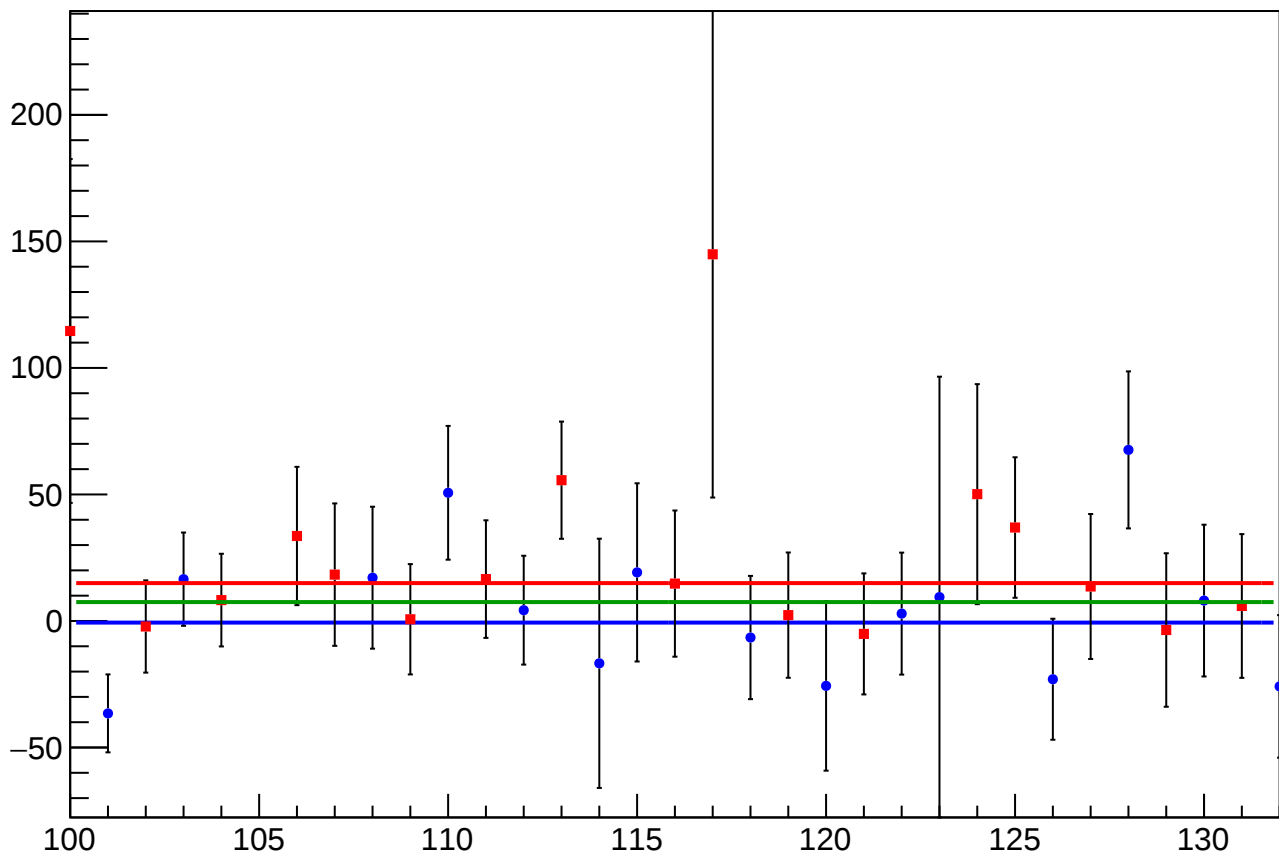
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.683 $\pm$ 0.001 χ^2 /NDF: 8867104.5/14

1.699 $\pm$ 0.001 χ^2 /NDF: 17544970.3/31

1.714 $\pm$ 0.001 χ^2 /NDF: 8677629.3/16

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.636 ± 6.618 $\chi^2/\text{NDF}: 18.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 14.967 ± 6.364 $\chi^2/\text{NDF}: 11.7/16$

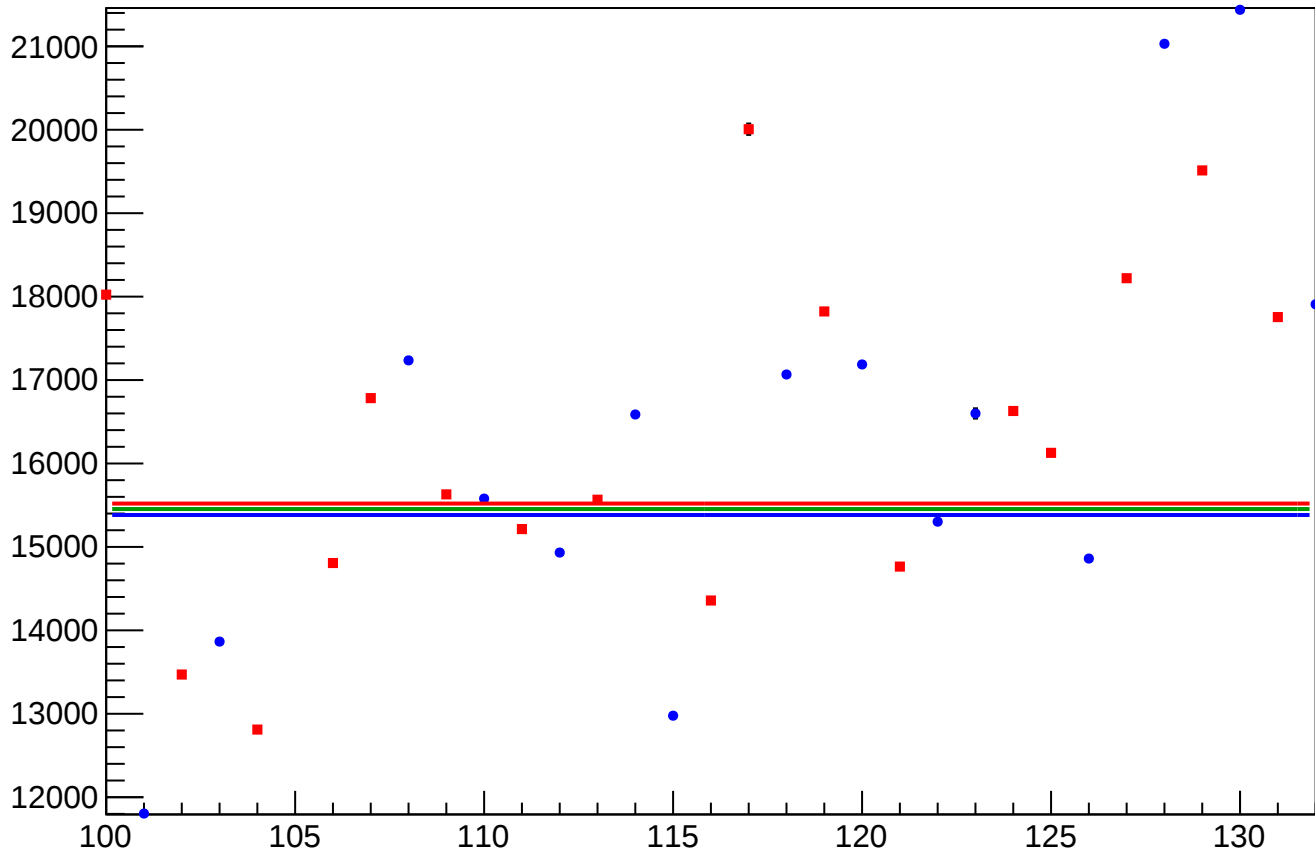
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.636 ± 6.618 $\chi^2/\text{NDF}: 18.2/14$

7.470 ± 4.587 $\chi^2/\text{NDF}: 32.8/31$

14.967 ± 6.364 $\chi^2/\text{NDF}: 11.7/16$

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15382.895 $\pm$ 4.679 χ^2 /NDF: 322387.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15519.657 $\pm$ 4.500 χ^2 /NDF: 171560.3/16

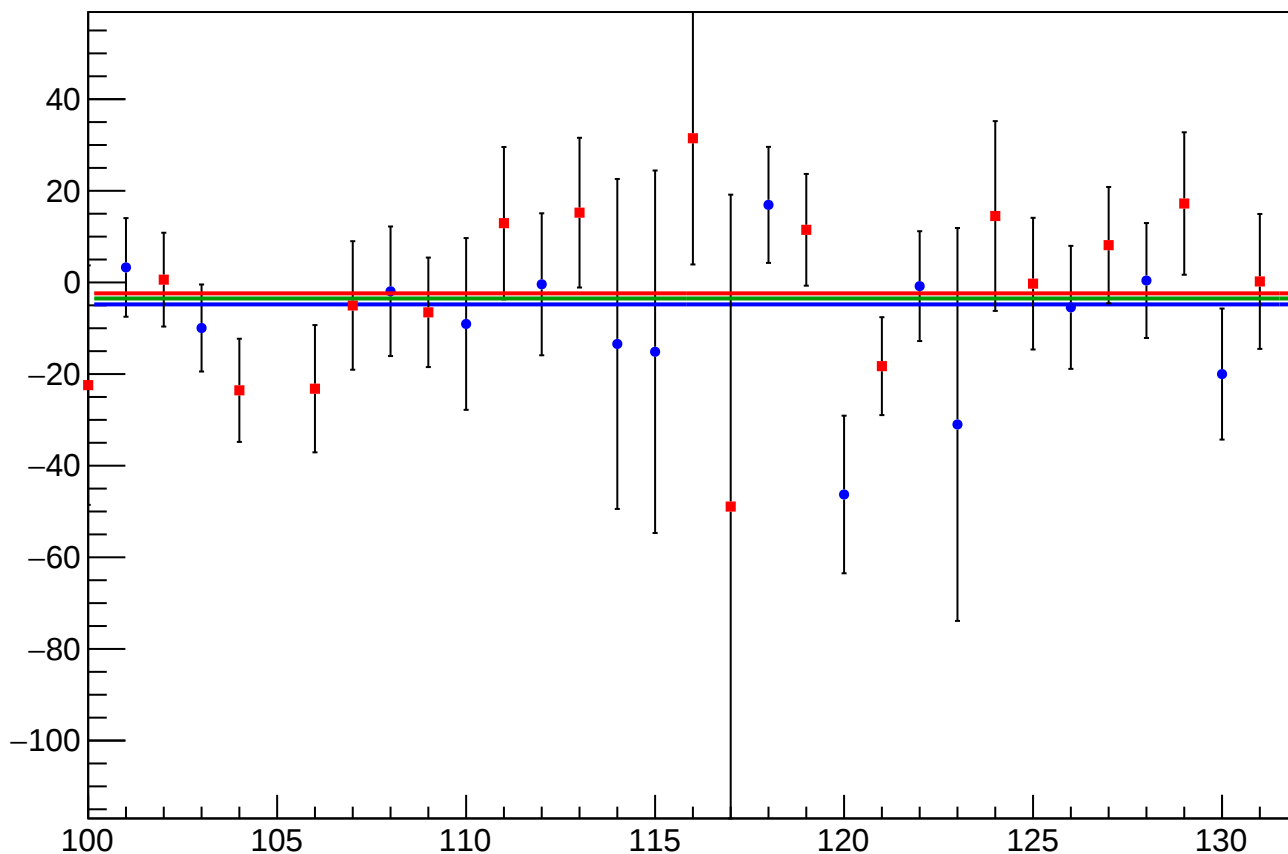
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15382.895 $\pm$ 4.679 χ^2 /NDF: 322387.8/14

15453.947 $\pm$ 3.244 χ^2 /NDF: 494391.9/31

15519.657 $\pm$ 4.500 χ^2 /NDF: 171560.3/16

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.793+/-3.744 χ^2/NDF : 11.8/14

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

Right Out: -2.384+/-3.478 χ^2/NDF : 17.1/16

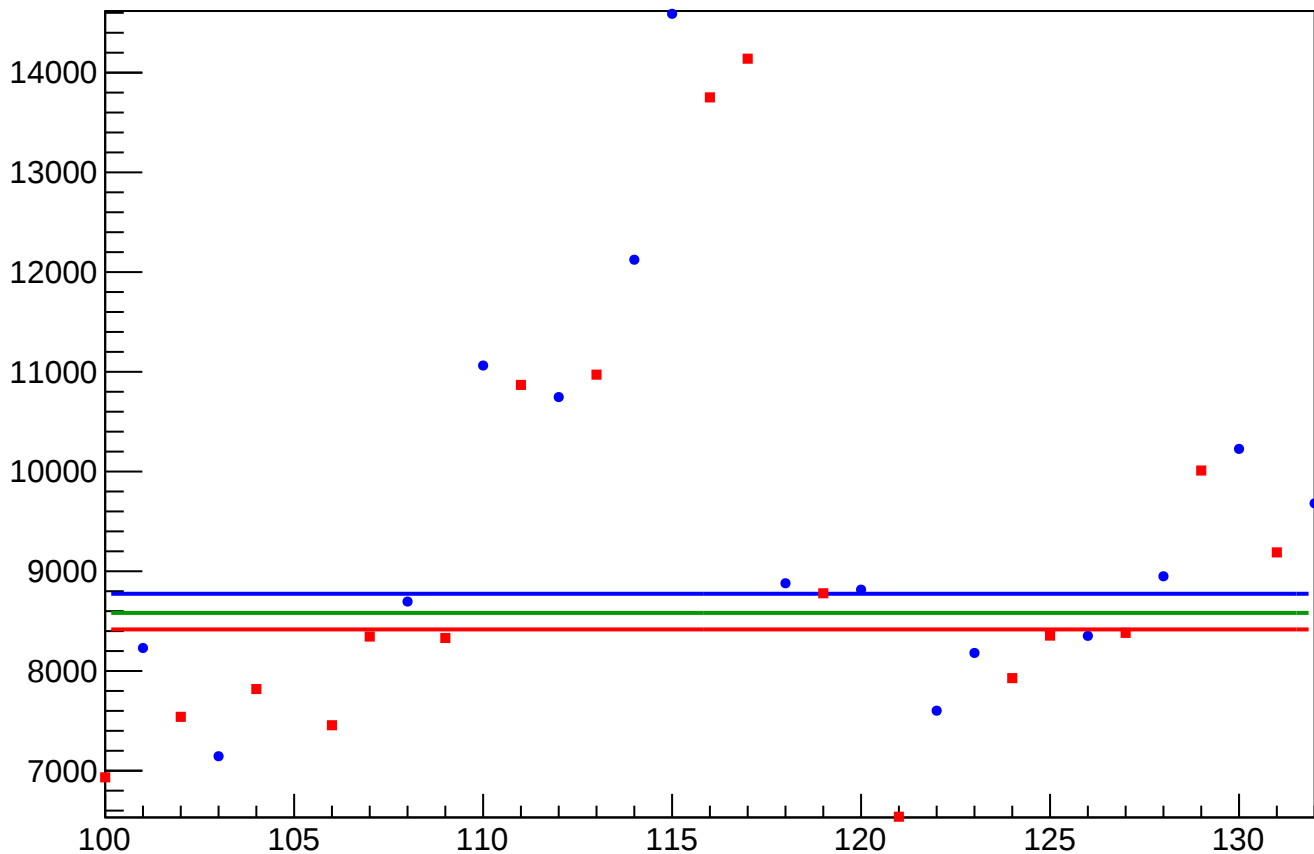
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.793+/-3.744 χ^2/NDF : 11.8/14

-3.500+/-2.548 χ^2/NDF : 29.1/31

-2.384+/-3.478 χ^2/NDF : 17.1/16

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8774.433 ± 2.647 $\chi^2/\text{NDF}: 236487.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8416.788 ± 2.460 $\chi^2/\text{NDF}: 309157.9/16$

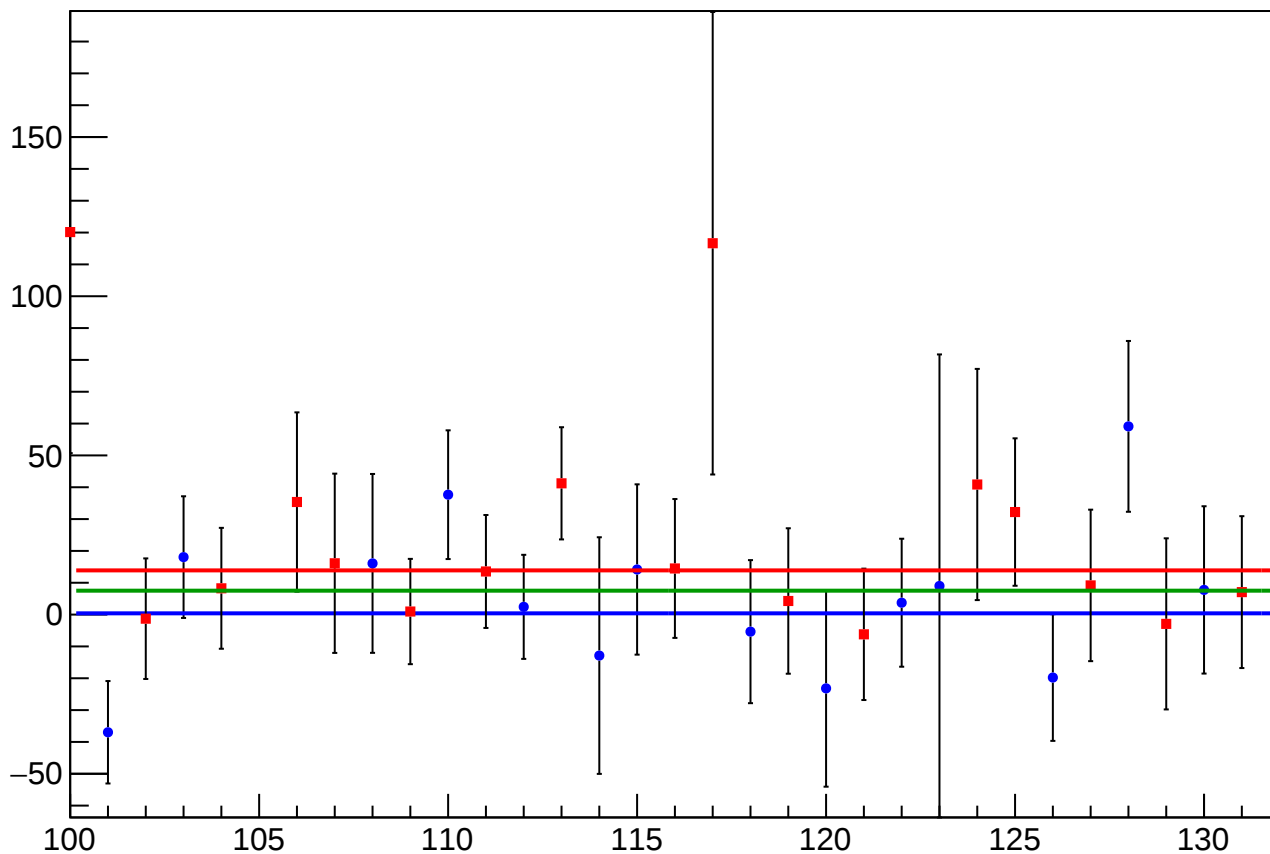
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

8774.433 ± 2.647 $\chi^2/\text{NDF}: 236487.2/14$

8582.495 ± 1.802 $\chi^2/\text{NDF}: 555441.6/31$

8416.788 ± 2.460 $\chi^2/\text{NDF}: 309157.9/16$

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.394+/-5.866 χ^2/NDF : 18.2/14

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

Right Out: 13.884+/-5.552 χ^2/NDF : 11.5/16

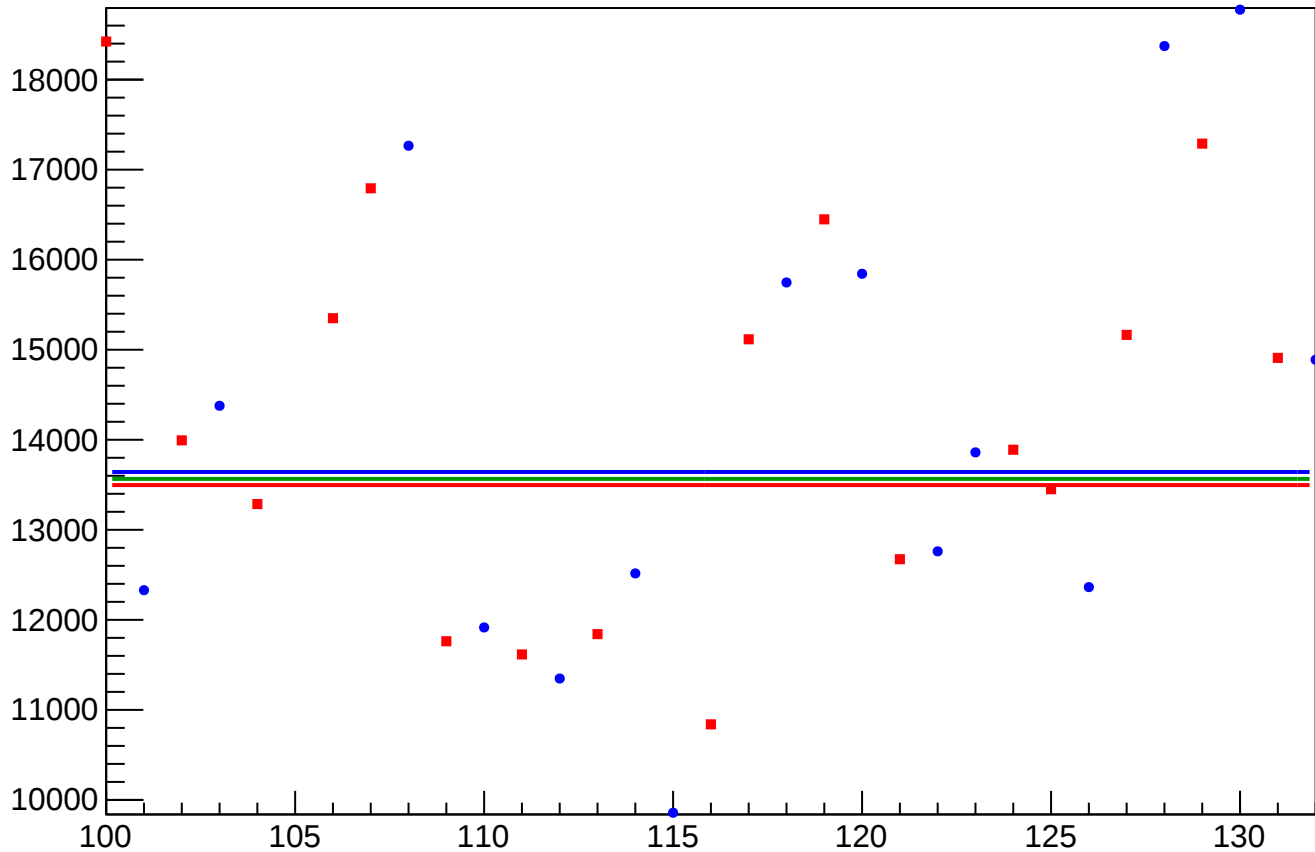
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.394+/-5.866 χ^2/NDF : 18.2/14

7.510+/-4.032 χ^2/NDF : 32.5/31

13.884+/-5.552 χ^2/NDF : 11.5/16

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13642.291+/-4.148 χ^2/NDF : 329449.2/14

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

Right Out: 13496.940+/-3.926 χ^2/NDF : 234075.6/16

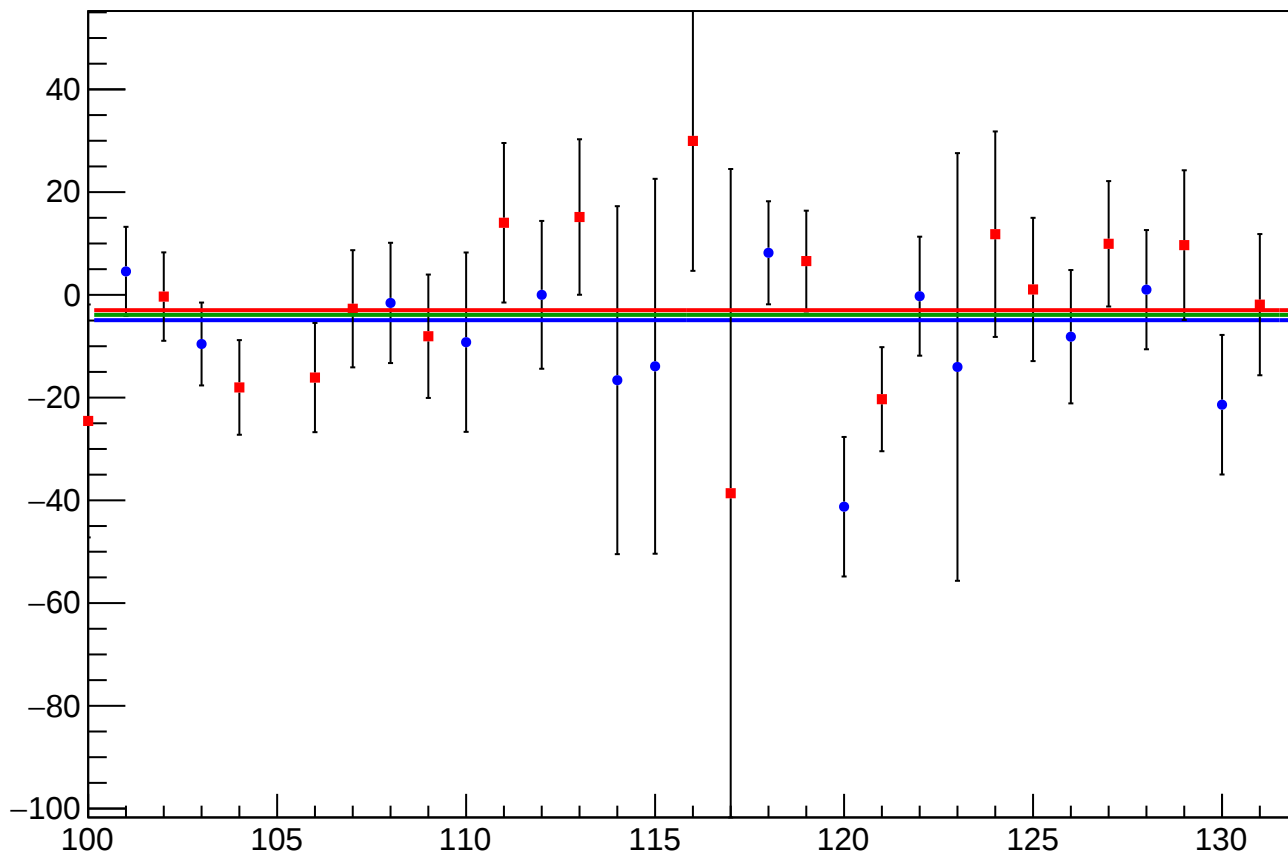
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13642.291+/-4.148 χ^2/NDF : 329449.2/14

13565.624+/-2.851 χ^2/NDF : 564172.4/31

13496.940+/-3.926 χ^2/NDF : 234075.6/16

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.929+/-3.281 χ^2/NDF : 13.0/14

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

Right Out: -2.981+/-3.078 χ^2/NDF : 16.4/16

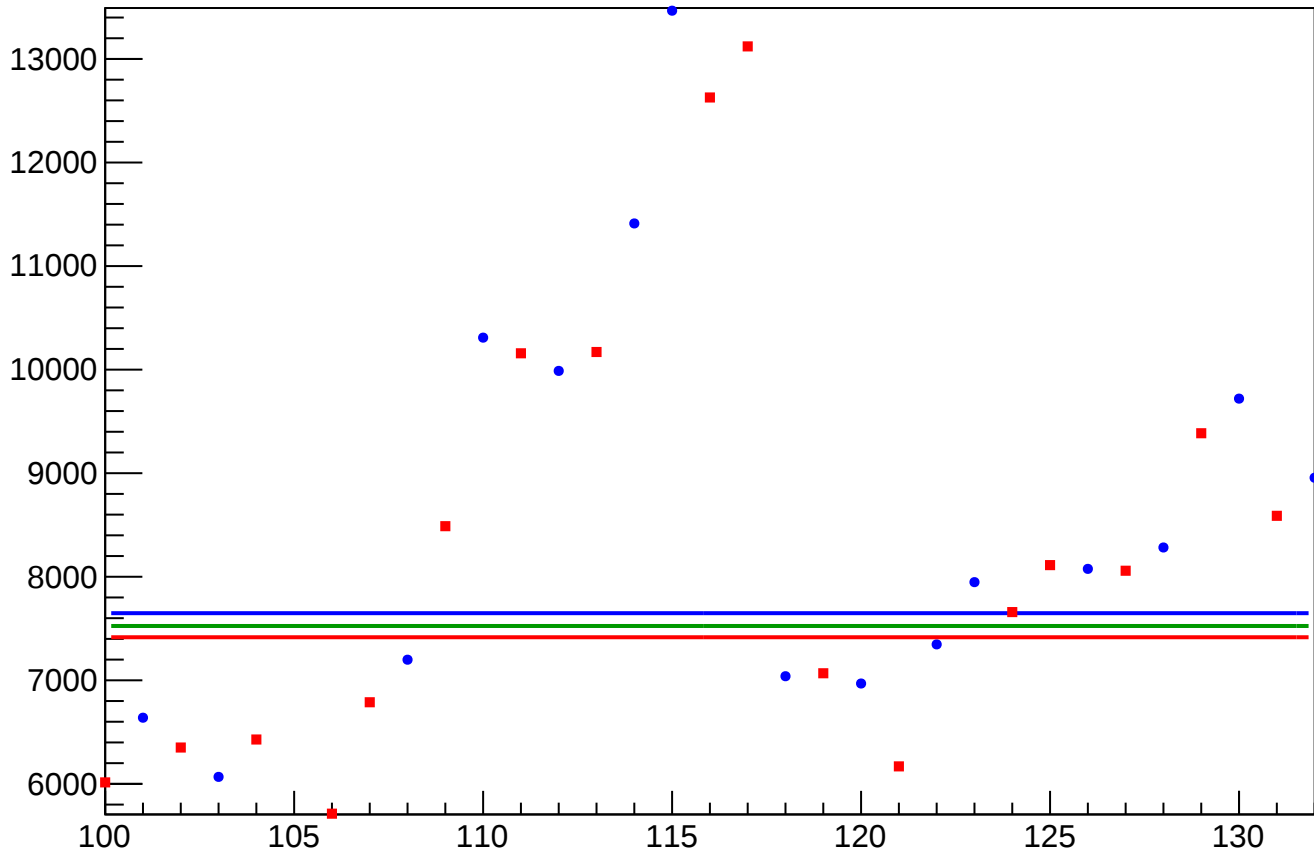
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.929+/-3.281 χ^2/NDF : 13.0/14

-3.893+/-2.245 χ^2/NDF : 29.6/31

-2.981+/-3.078 χ^2/NDF : 16.4/16

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7648.279+/-2.320 χ^2/NDF : 367412.4/14

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

Right Out: 7415.804+/-2.177 χ^2/NDF : 459287.6/16

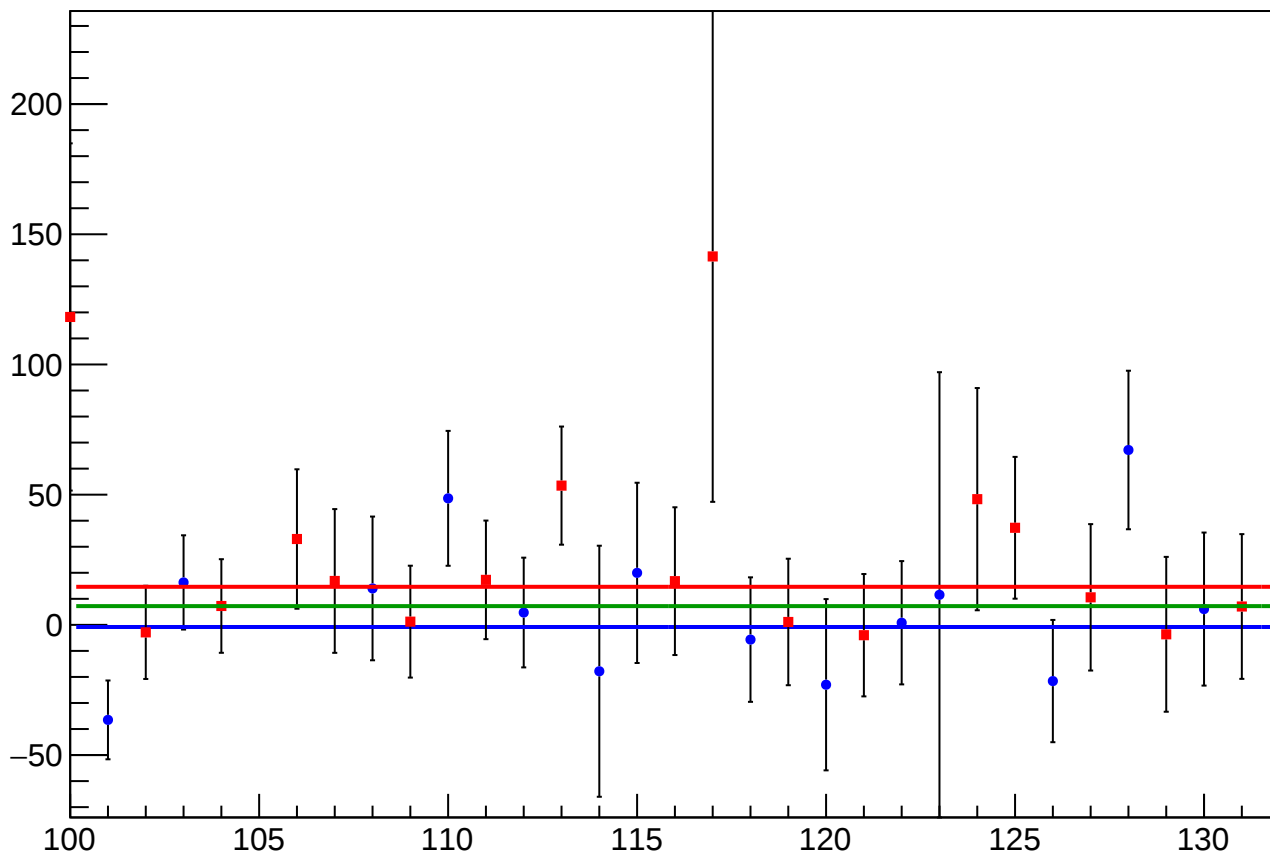
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7648.279+/-2.320 χ^2/NDF : 367412.4/14

7524.641+/-1.587 χ^2/NDF : 832039.7/31

7415.804+/-2.177 χ^2/NDF : 459287.6/16

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.820 ± 6.494 χ^2/NDF : 18.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.617 ± 6.245 χ^2/NDF : 11.9/16

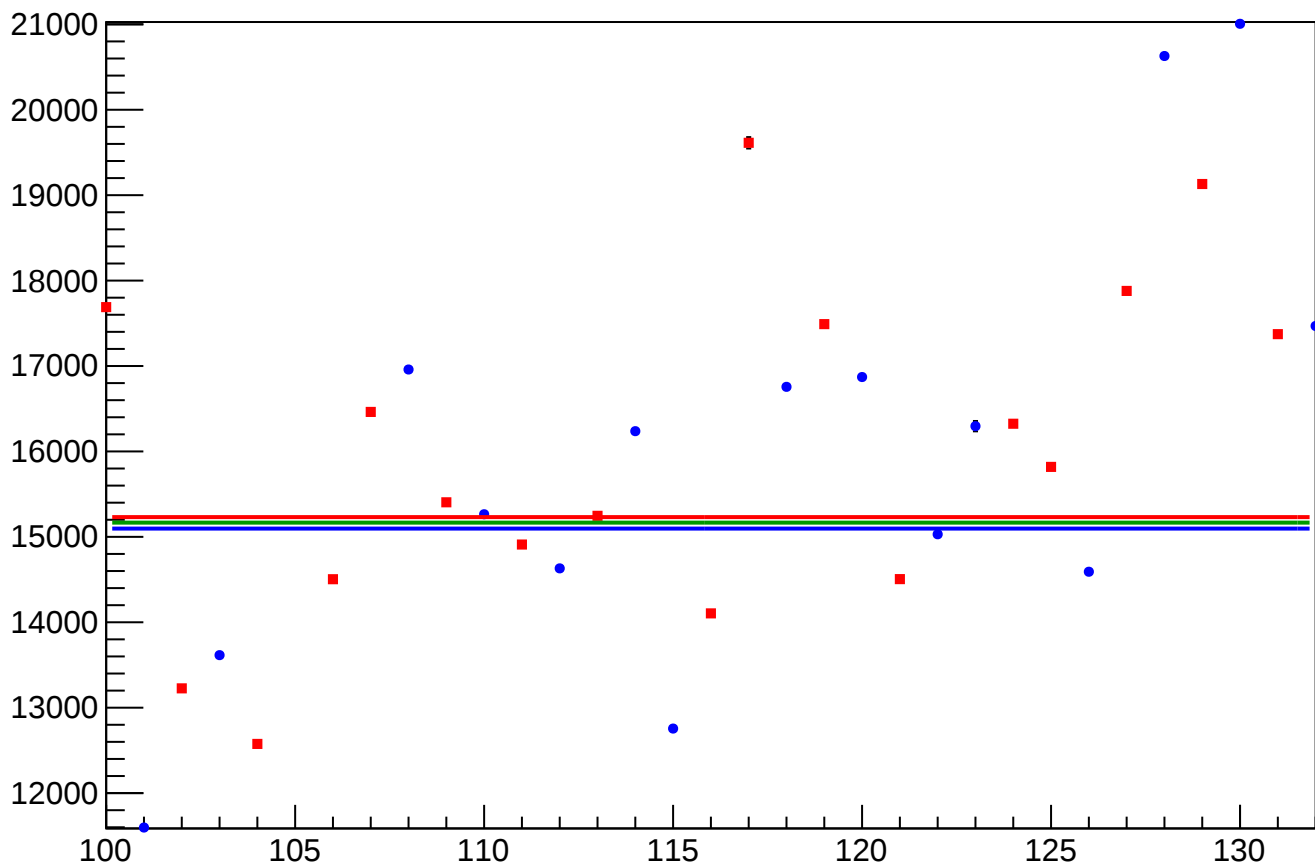
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.820 ± 6.494 χ^2/NDF : 18.0/14

7.199 ± 4.501 χ^2/NDF : 32.9/31

14.617 ± 6.245 χ^2/NDF : 11.9/16

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 15096.741+/-4.592 χ^2/NDF : 319469.1/14

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

Right Out: 15231.096+/-4.416 χ^2/NDF : 170390.4/16

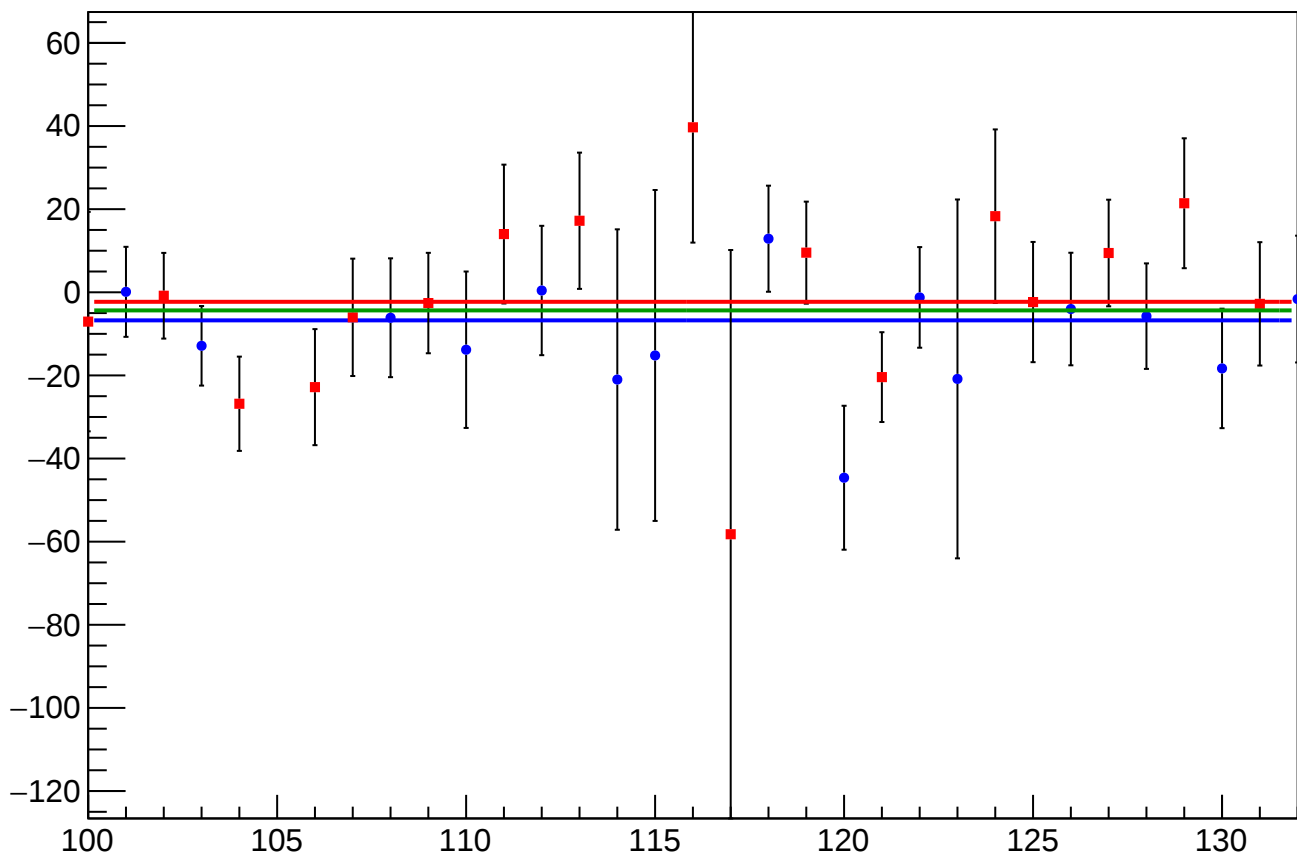
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15096.741+/-4.592 χ^2/NDF : 319469.1/14

15166.537+/-3.183 χ^2/NDF : 490304.2/31

15231.096+/-4.416 χ^2/NDF : 170390.4/16

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.755+/-3.771 χ^2/NDF : 9.6/14

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

Right Out: -2.288+/-3.504 χ^2/NDF : 20.1/16

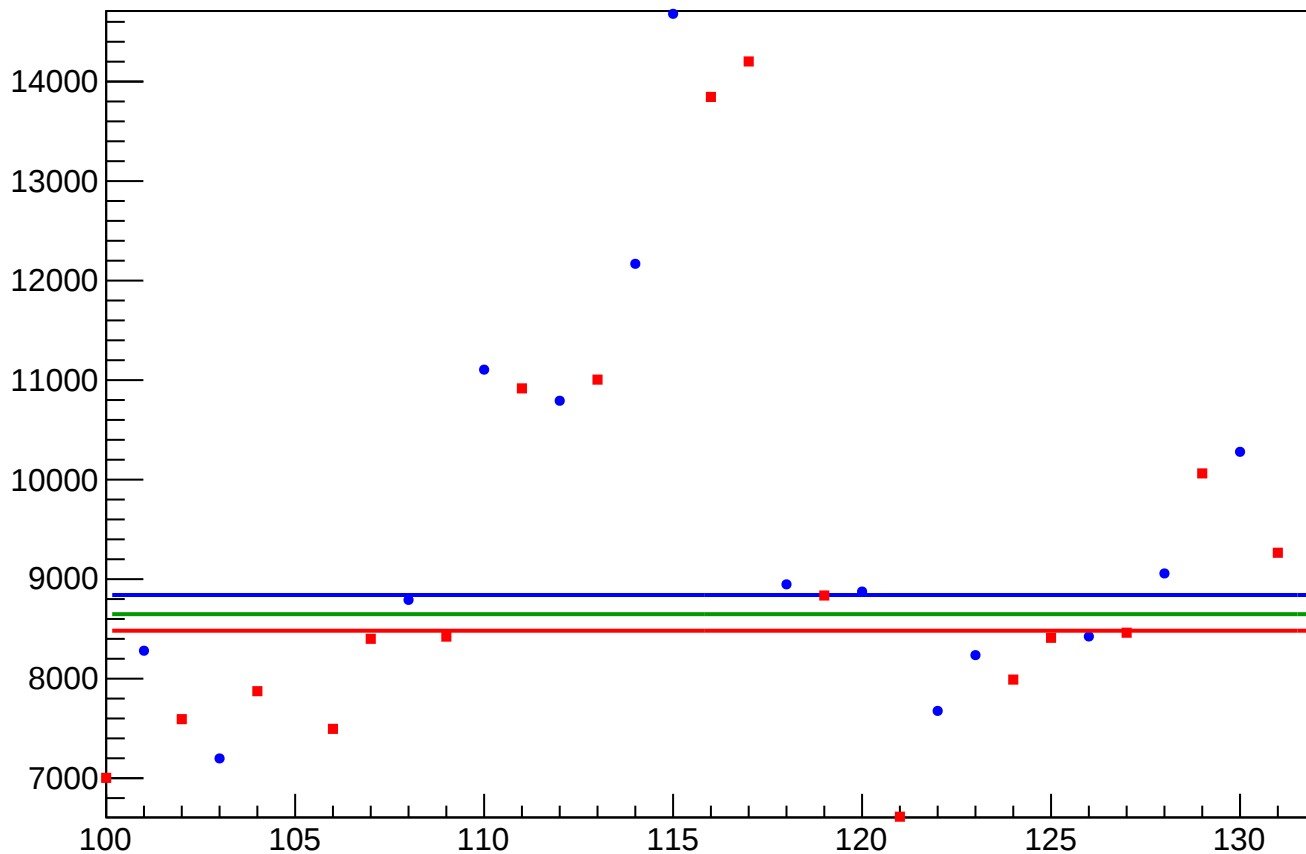
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.755+/-3.771 χ^2/NDF : 9.6/14

-4.358+/-2.567 χ^2/NDF : 30.5/31

-2.288+/-3.504 χ^2/NDF : 20.1/16

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8840.753 $\pm$ 2.667 χ^2 /NDF: 232678.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8481.932 $\pm$ 2.478 χ^2 /NDF: 304319.0/16

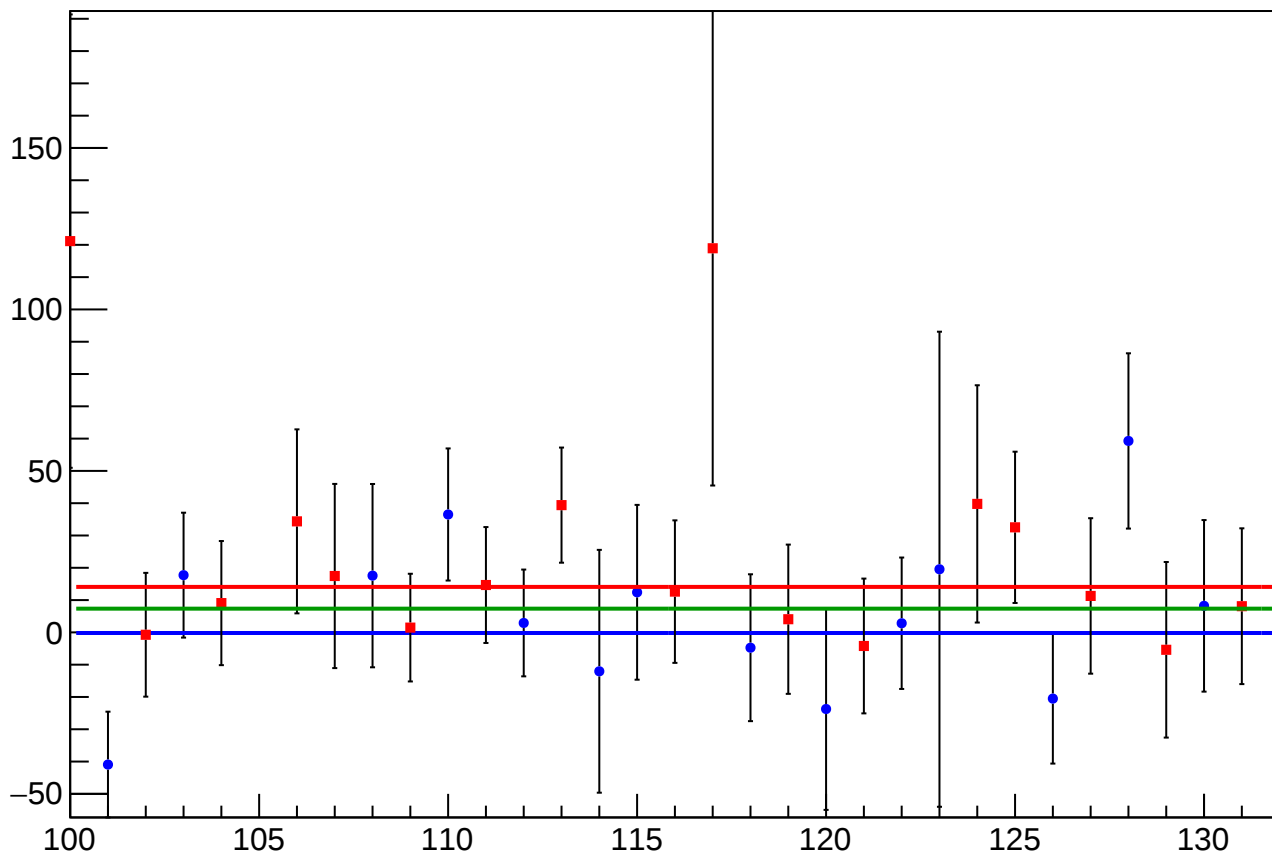
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8840.753 $\pm$ 2.667 χ^2 /NDF: 232678.9/14

8648.205 $\pm$ 1.815 χ^2 /NDF: 546714.3/31

8481.932 $\pm$ 2.478 χ^2 /NDF: 304319.0/16

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.189 ± 5.939 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.082 ± 5.615 χ^2/NDF : 10.8/16

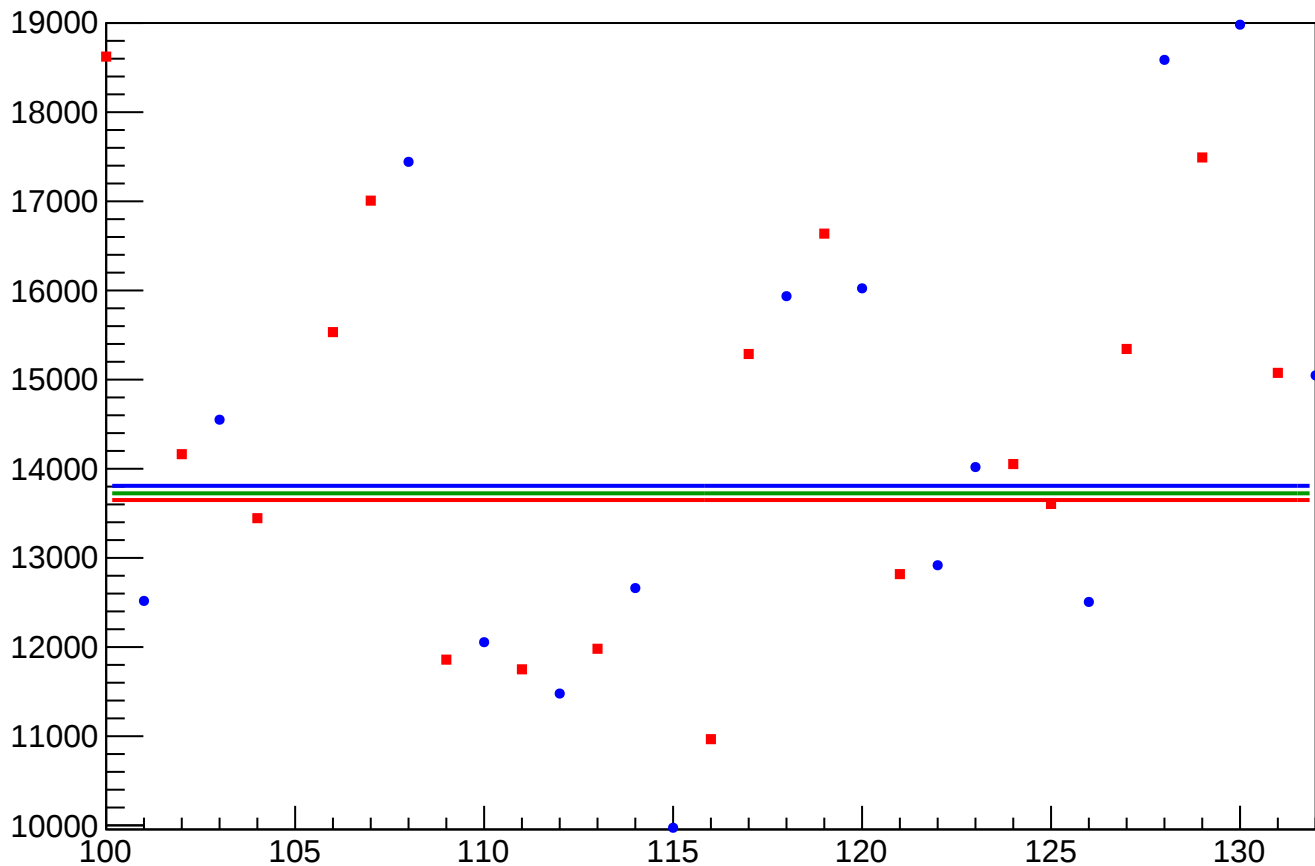
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.189 ± 5.939 χ^2/NDF : 18.8/14

7.346 ± 4.080 χ^2/NDF : 32.7/31

14.082 ± 5.615 χ^2/NDF : 10.8/16

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13808.631 $\pm$ 4.199 χ^2/NDF : 327720.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 13649.332 $\pm$ 3.971 χ^2/NDF : 235447.3/16

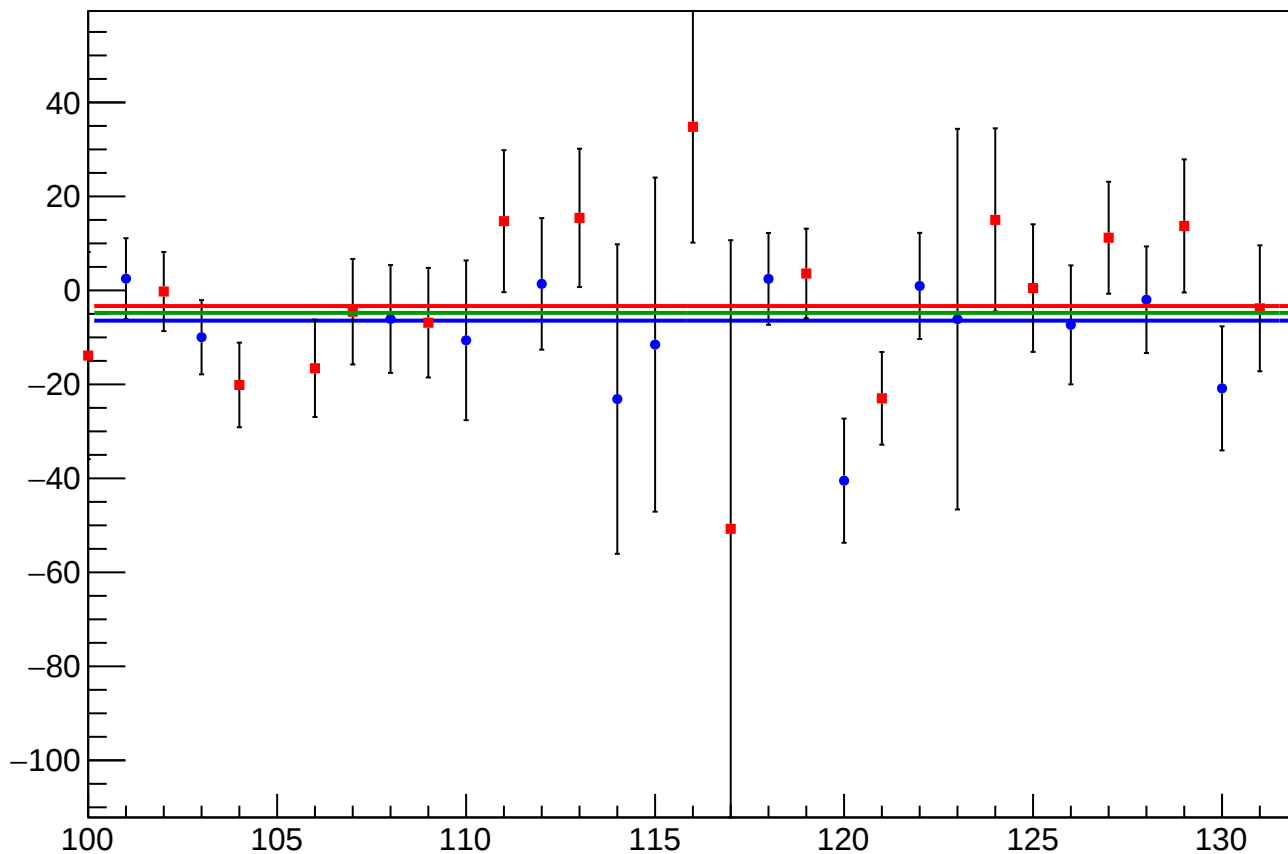
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

13808.631 $\pm$ 4.199 χ^2/NDF : 327720.7/14

13724.524 $\pm$ 2.885 χ^2/NDF : 563927.8/31

13649.332 $\pm$ 3.971 χ^2/NDF : 235447.3/16

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.434 $\pm$ 3.209 χ^2/NDF : 11.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3.331 $\pm$ 3.002 χ^2/NDF : 20.0/16

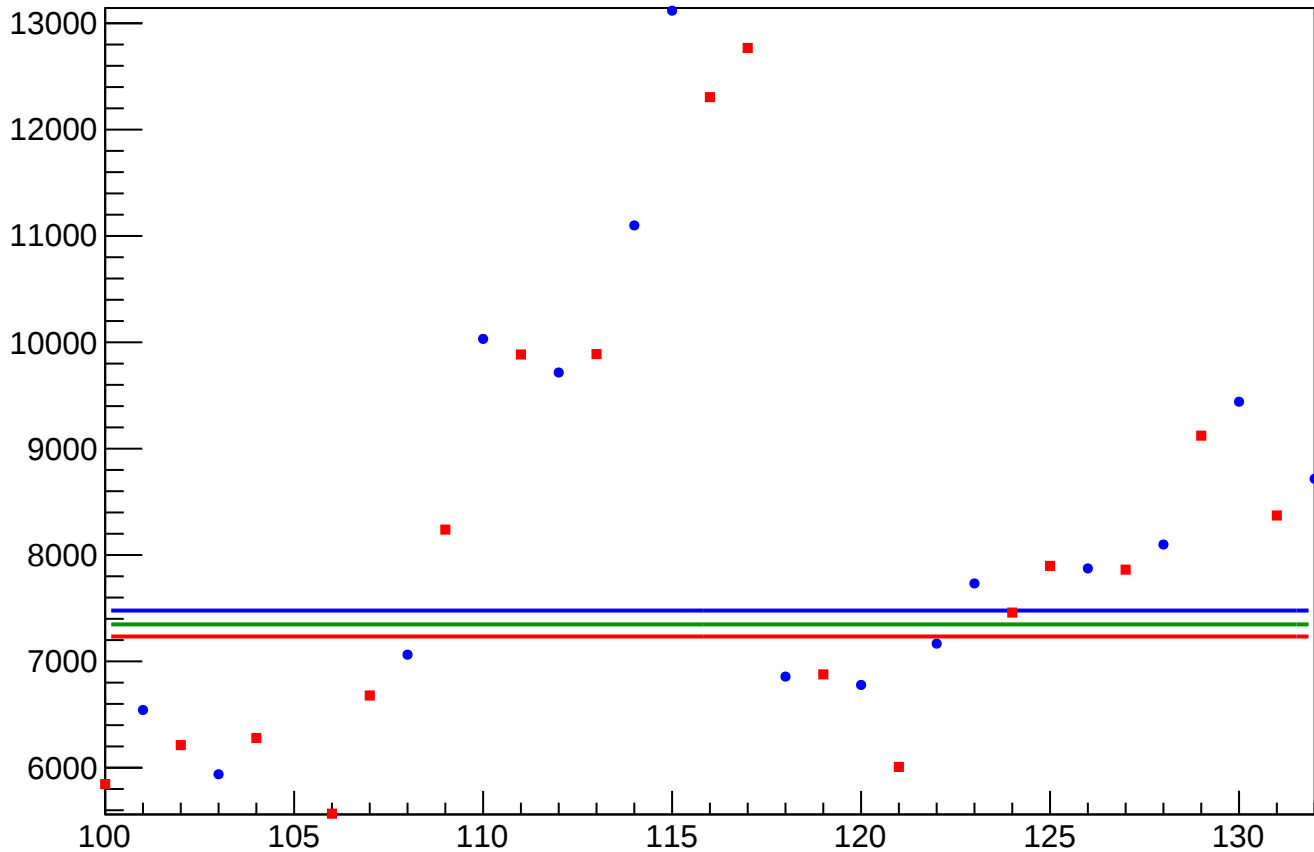
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-6.434 $\pm$ 3.209 χ^2/NDF : 11.3/14

-4.780 $\pm$ 2.192 χ^2/NDF : 31.8/31

-3.331 $\pm$ 3.002 χ^2/NDF : 20.0/16

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7477.823+/-2.269 χ^2/NDF : 357017.3/14

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

Right Out: 7233.752+/-2.123 χ^2/NDF : 453264.8/16

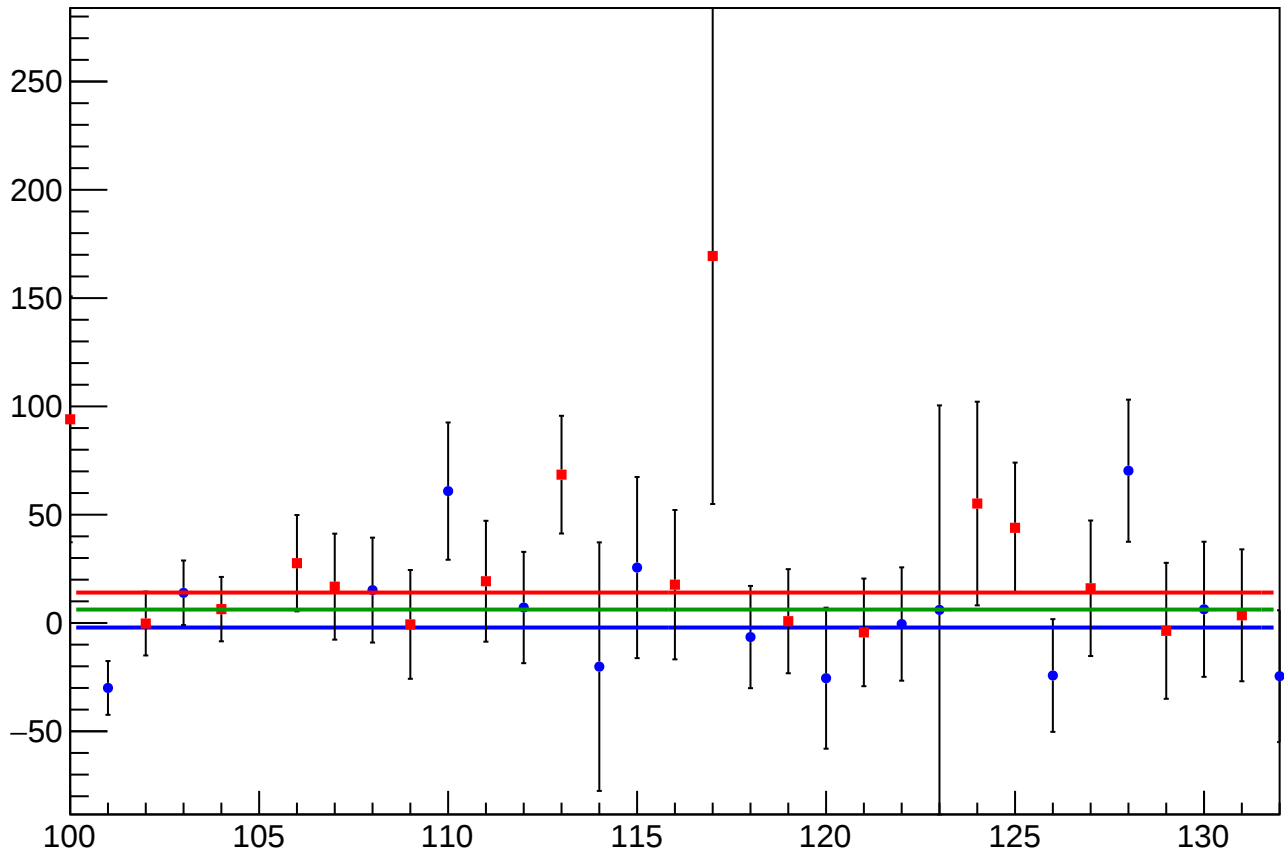
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7477.823+/-2.269 χ^2/NDF : 357017.3/14

7347.688+/-1.550 χ^2/NDF : 816452.7/31

7233.752+/-2.123 χ^2/NDF : 453264.8/16

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.098 ± 6.339 χ^2/NDF : 18.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.057 ± 6.168 χ^2/NDF : 12.9/16

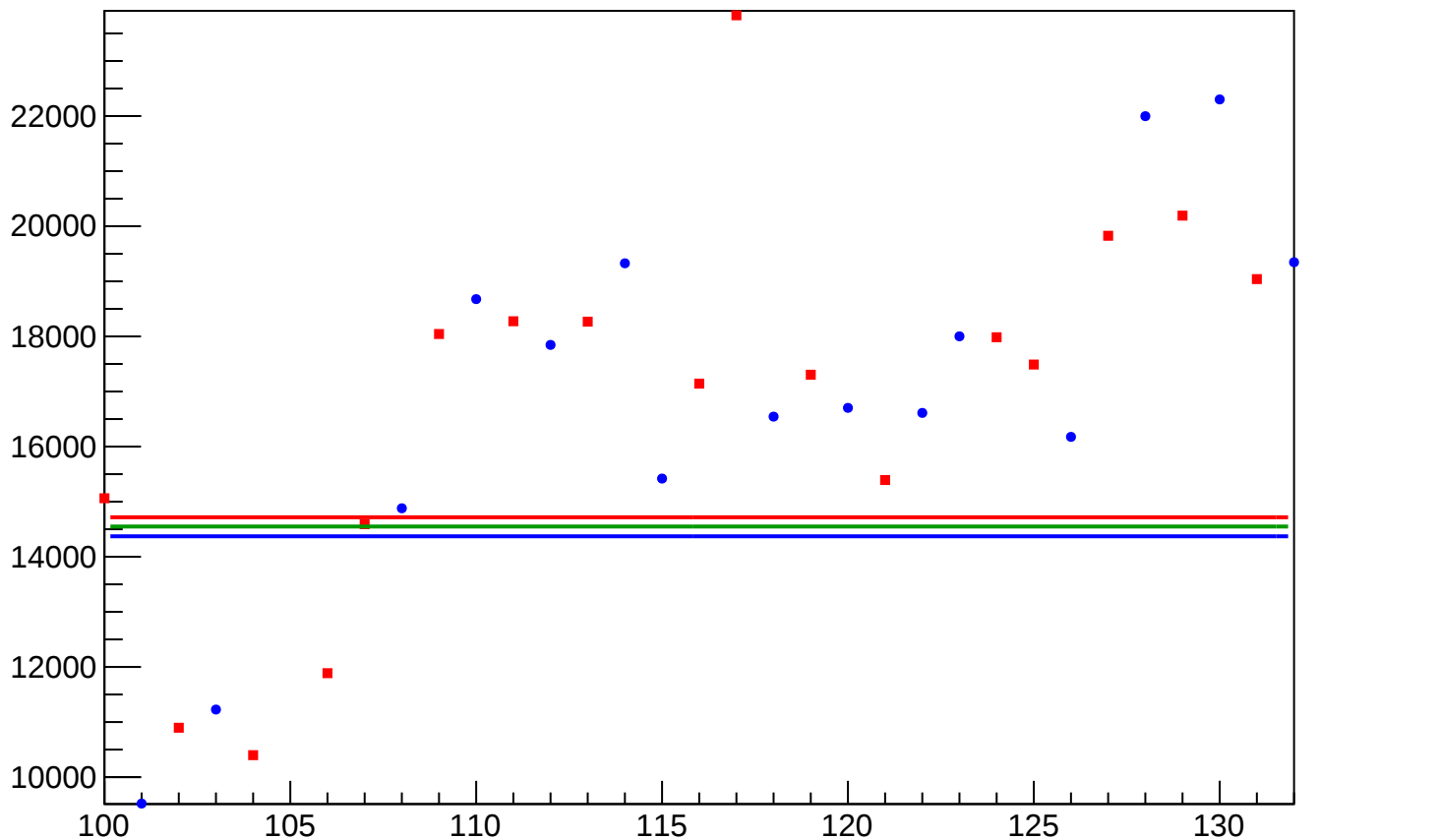
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.098 ± 6.339 χ^2/NDF : 18.1/14

6.201 ± 4.420 χ^2/NDF : 34.3/31

14.057 ± 6.168 χ^2/NDF : 12.9/16

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14371.789+/-4.482 χ^2/NDF : 829744.6/14

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

Right Out: 14717.210+/-4.361 χ^2/NDF : 665636.6/16

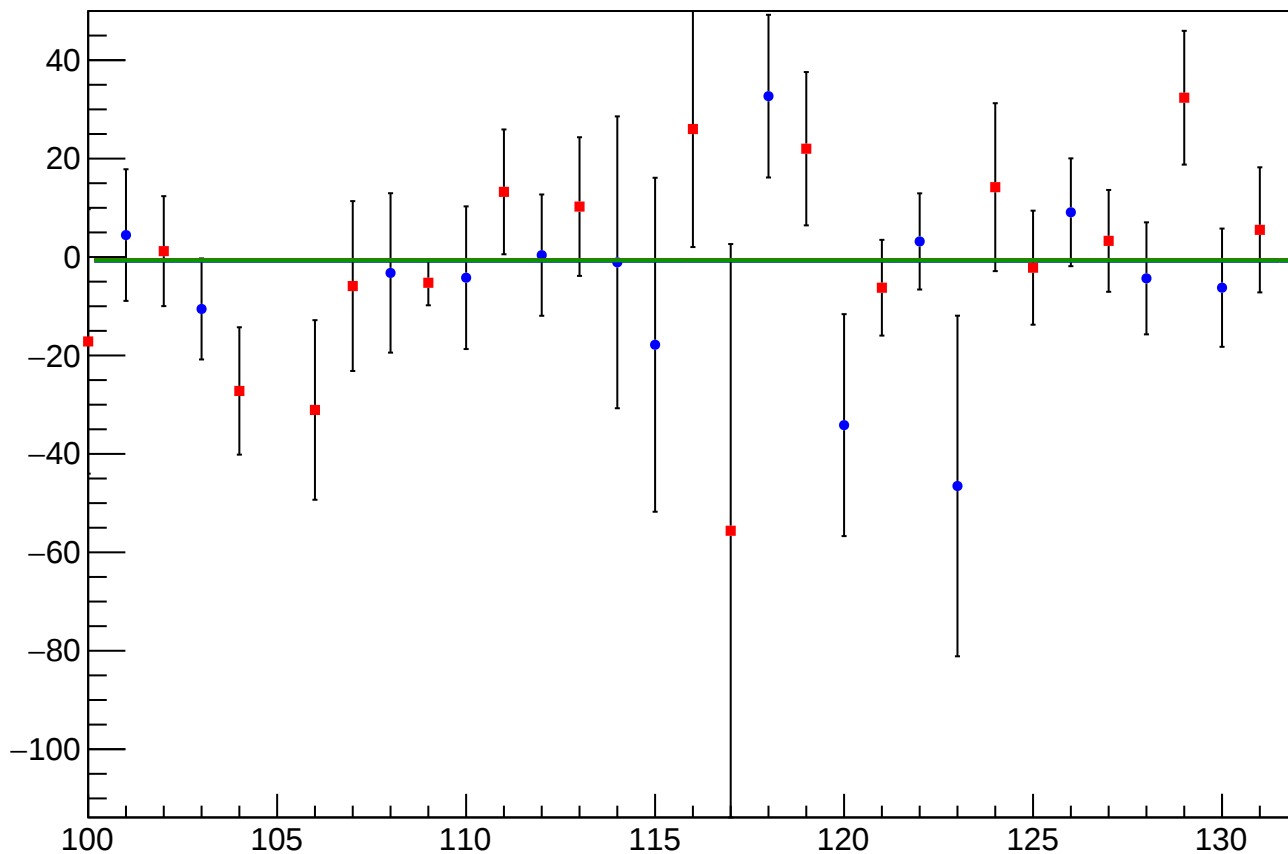
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14371.789+/-4.482 χ^2/NDF : 829744.6/14

14549.223+/-3.126 χ^2/NDF : 1498431.9/3

14717.210+/-4.361 χ^2/NDF : 665636.6/16

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.749+/-3.549 χ^2/NDF : 10.8/14

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

Right Out: -0.610+/-2.781 χ^2/NDF : 21.9/16

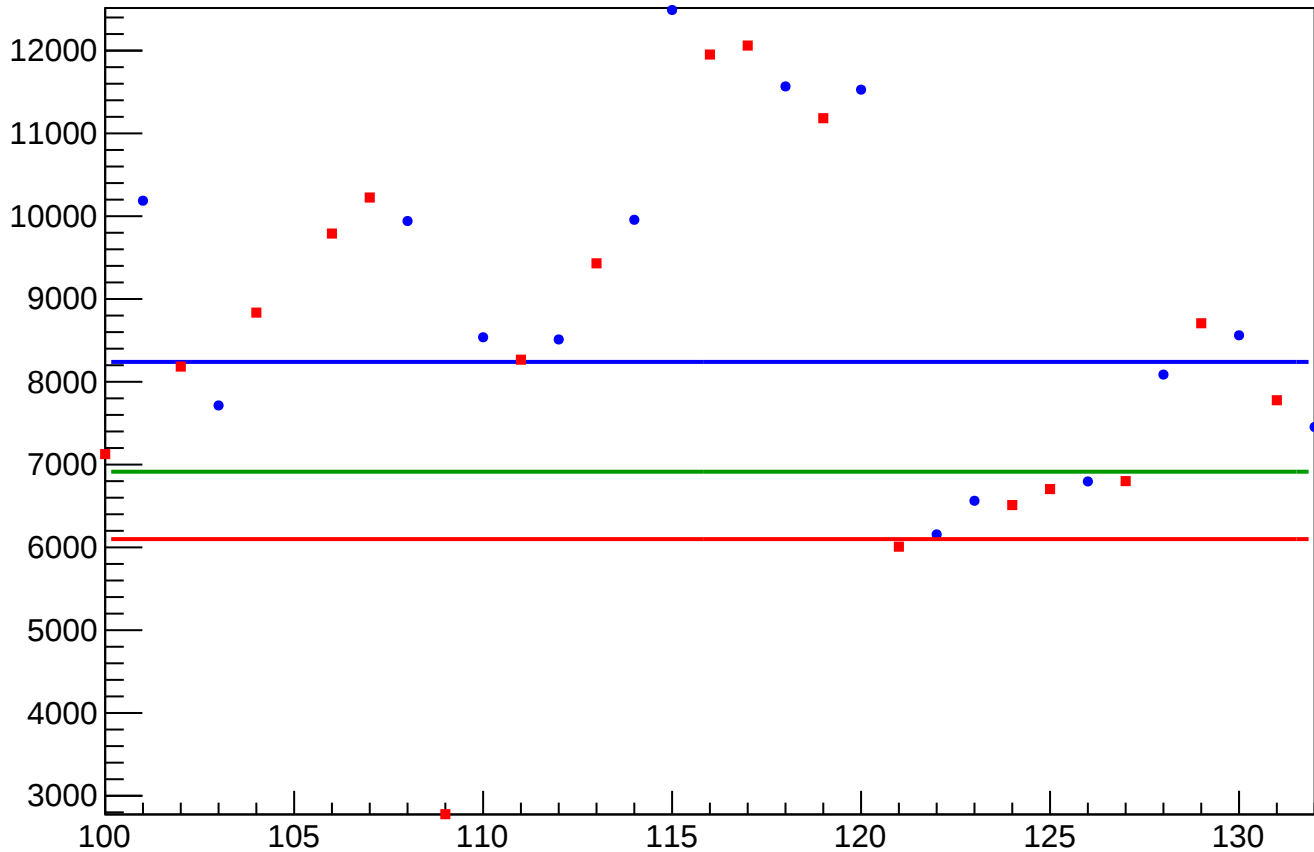
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.749+/-3.549 χ^2/NDF : 10.8/14

-0.663+/-2.189 χ^2/NDF : 32.7/31

-0.610+/-2.781 χ^2/NDF : 21.9/16

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8240.206 $\pm$ 2.510 χ^2 /NDF: 374280.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6099.979 $\pm$ 1.967 χ^2 /NDF: 2059324.1/16

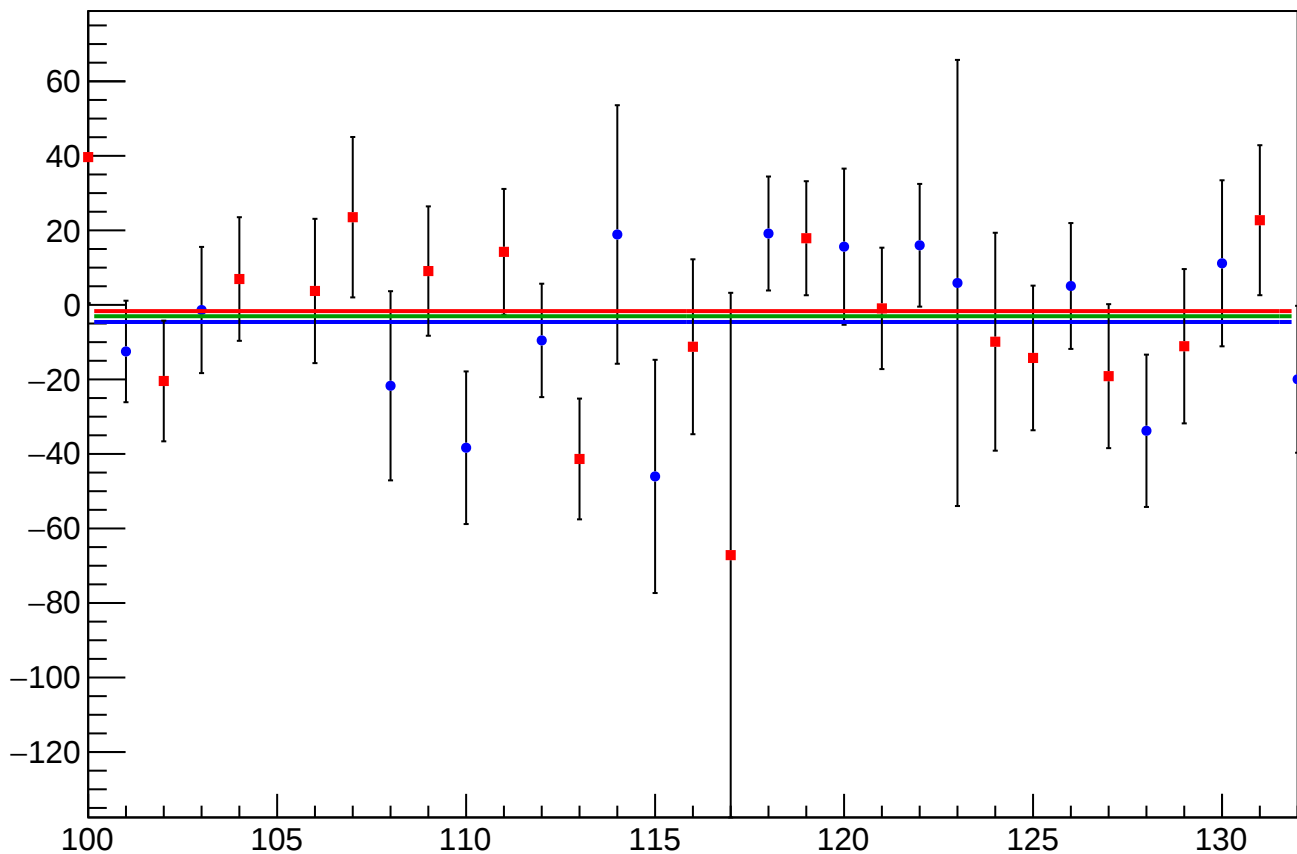
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8240.206 $\pm$ 2.510 χ^2 /NDF: 374280.7/14

6914.162 $\pm$ 1.548 χ^2 /NDF: 2884165.9/31

6099.979 $\pm$ 1.967 χ^2 /NDF: 2059324.1/16

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -4.590+/-5.001 χ^2 /NDF: 14.3/14

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

Right Out: -1.668+/-4.718 χ^2 /NDF: 17.1/16

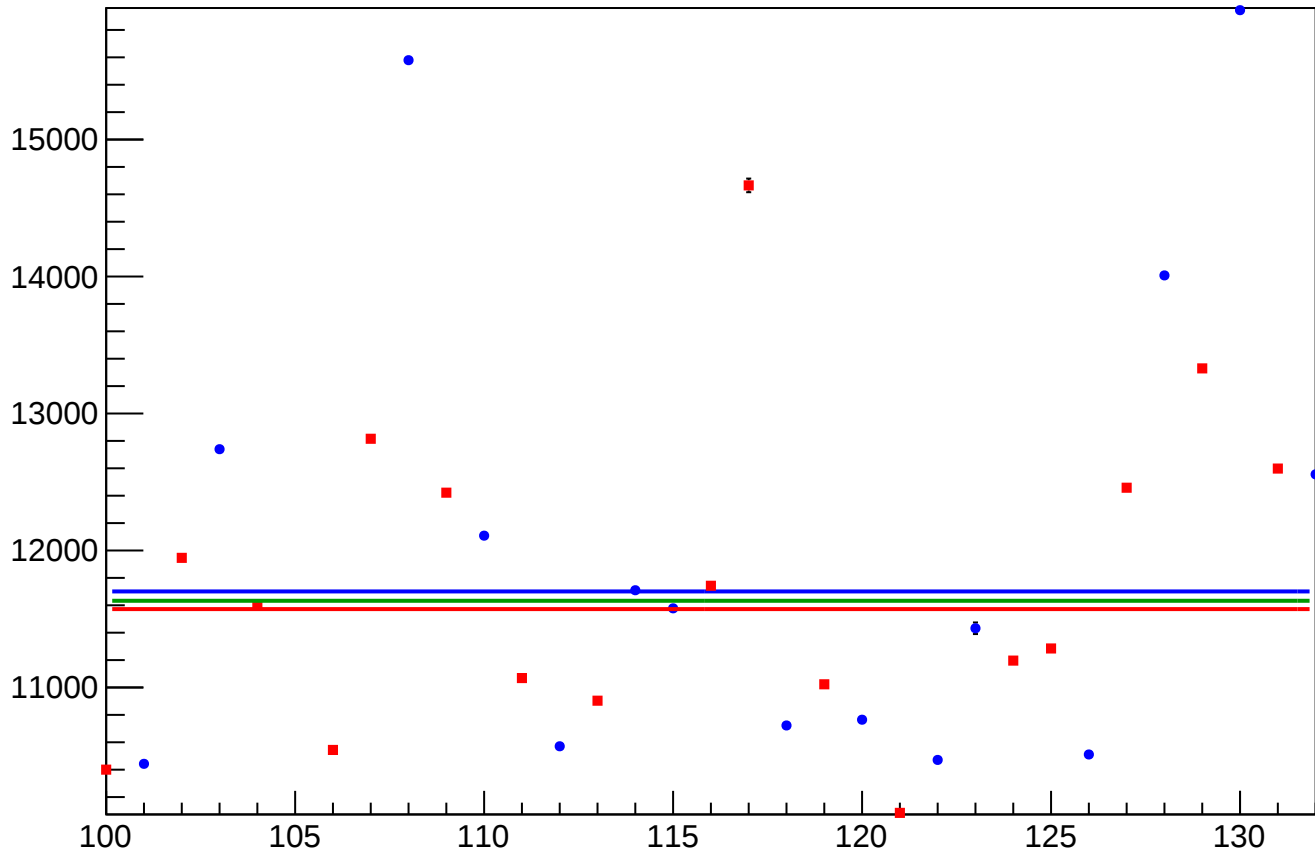
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.590+/-5.001 χ^2 /NDF: 14.3/14

-3.045+/-3.432 χ^2 /NDF: 31.5/31

-1.668+/-4.718 χ^2 /NDF: 17.1/16

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11701.143+/-3.536 χ^2/NDF : 218223.8/14

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

Right Out: 11572.198+/-3.336 χ^2/NDF : 72938.9/16

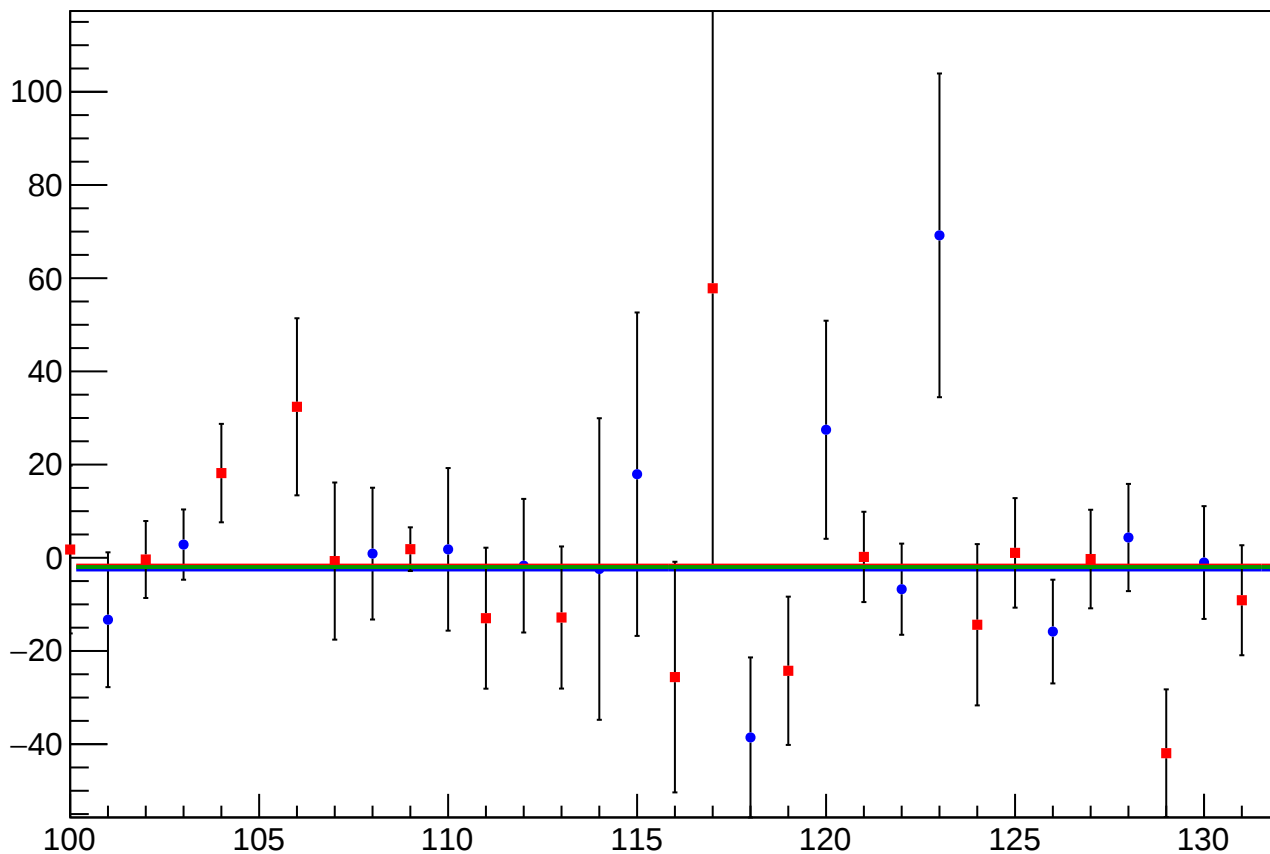
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11701.143+/-3.536 χ^2/NDF : 218223.8/14

11632.928+/-2.427 χ^2/NDF : 291866.2/31

11572.198+/-3.336 χ^2/NDF : 72938.9/16

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.509+/-3.503 χ^2/NDF : 13.8/14

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

Right Out: -1.684+/-2.715 χ^2/NDF : 22.1/16

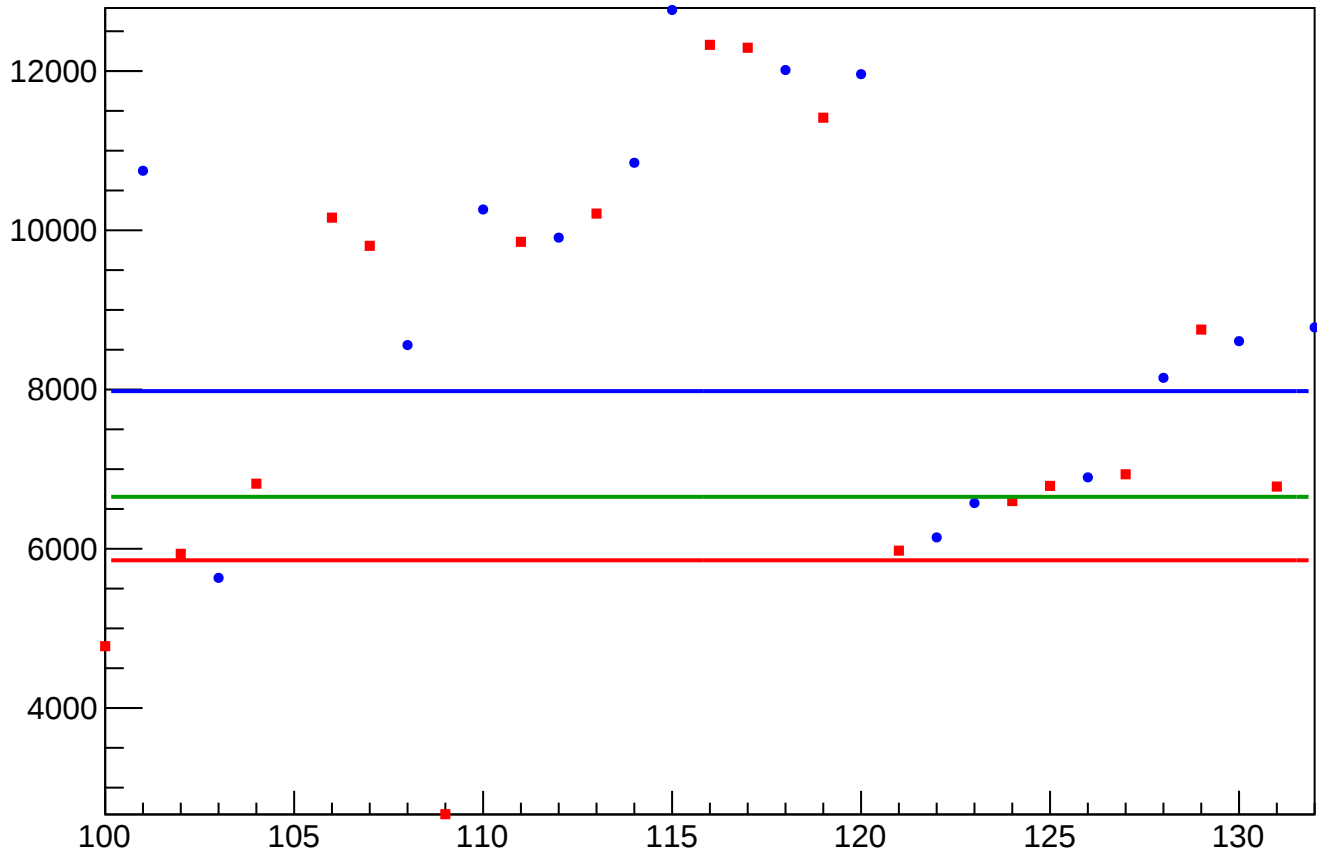
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.509+/-3.503 χ^2/NDF : 13.8/14

-1.993+/-2.146 χ^2/NDF : 36.0/31

-1.684+/-2.715 χ^2/NDF : 22.1/16

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7980.027 $\pm$ 2.477 χ^2 /NDF: 667765.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5855.562 $\pm$ 1.919 χ^2 /NDF: 2008441.3/16

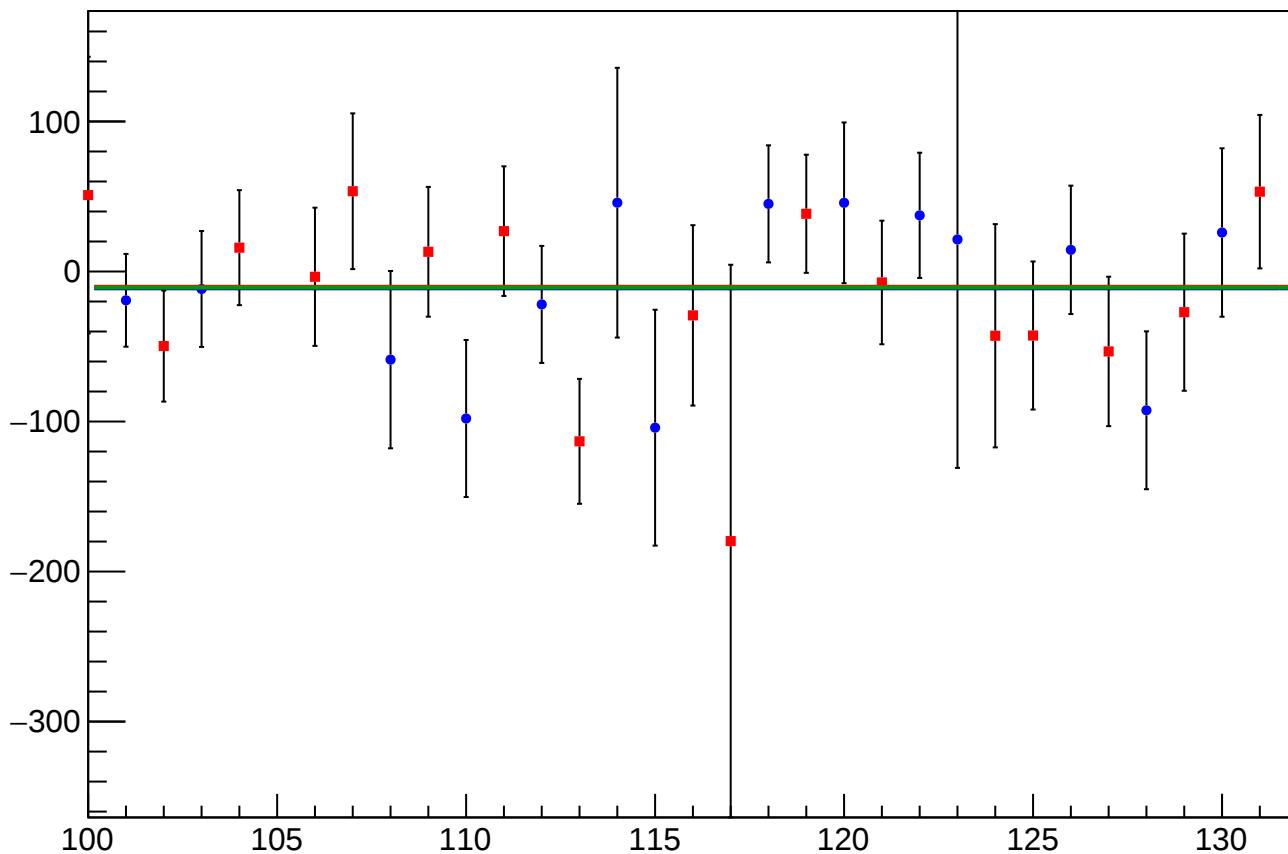
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7980.027 $\pm$ 2.477 χ^2 /NDF: 667765.5/14

6652.534 $\pm$ 1.517 χ^2 /NDF: 3135756.0/31

5855.562 $\pm$ 1.919 χ^2 /NDF: 2008441.3/16

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -11.213+/-12.353 χ^2 /NDF: 13.6/14

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

Right Out: -10.174+/-11.705 χ^2 /NDF: 16.2/16

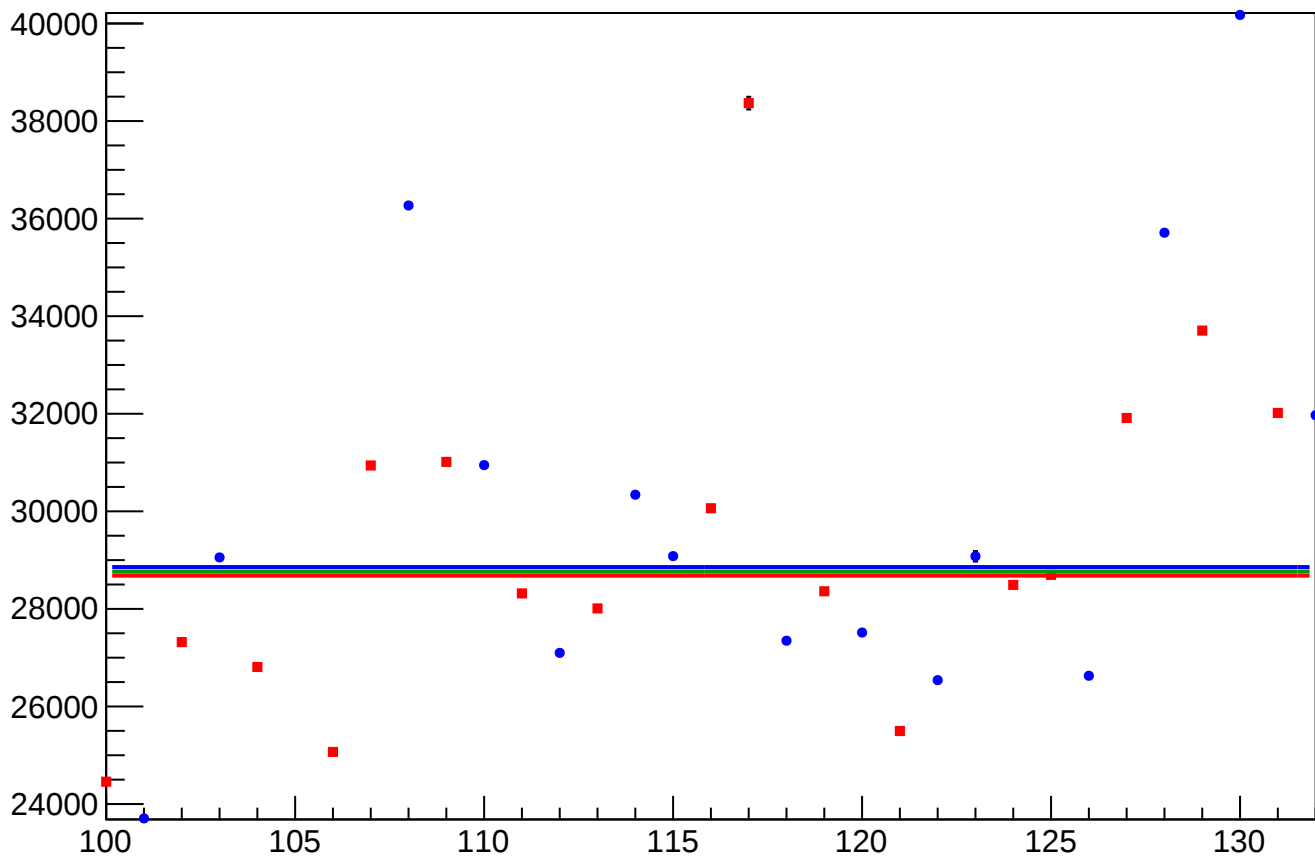
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-11.213+/-12.353 χ^2 /NDF: 13.6/14

-10.665+/-8.496 χ^2 /NDF: 29.8/31

-10.174+/-11.705 χ^2 /NDF: 16.2/16

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28857.739+/-8.735 χ^2/NDF : 233576.8/14

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

Right Out: 28681.445+/-8.277 χ^2/NDF : 88267.1/16

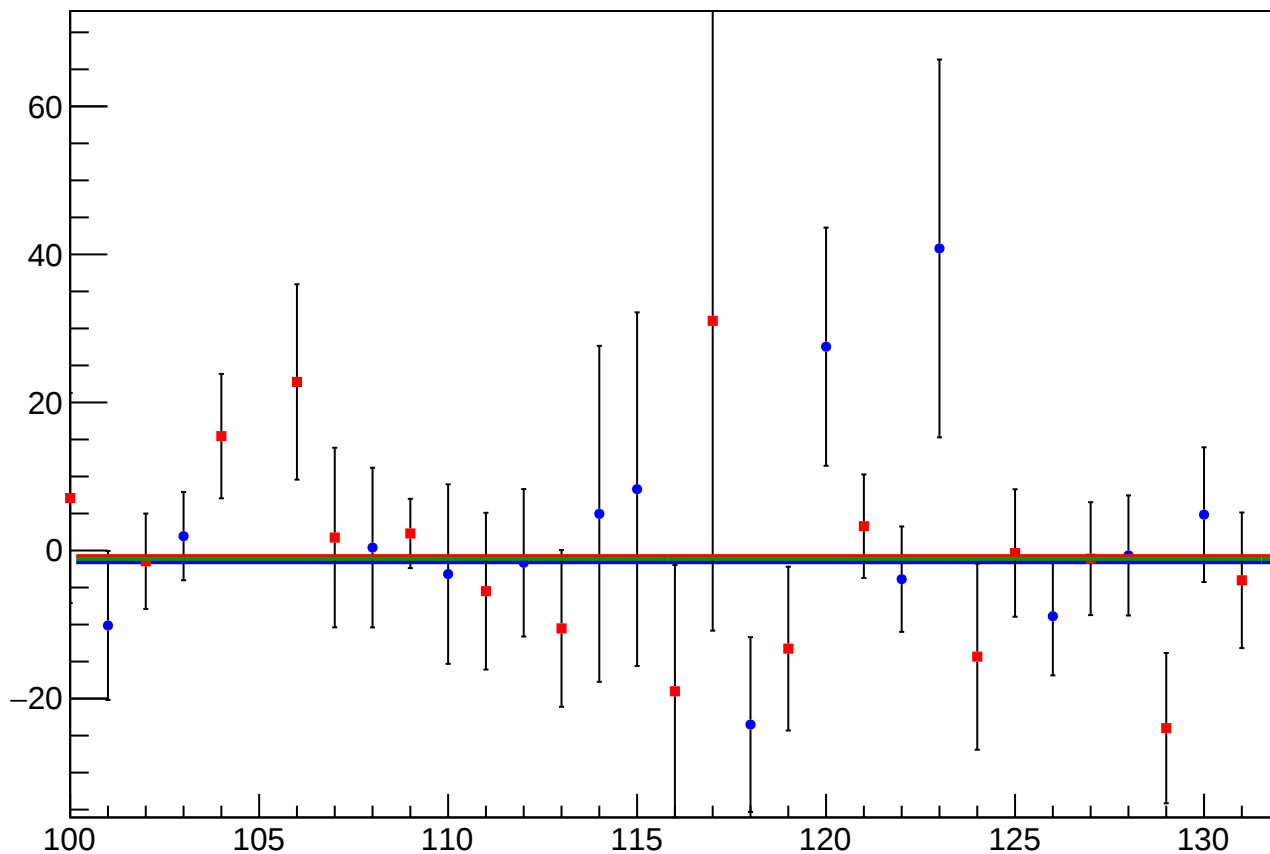
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28857.739+/-8.735 χ^2/NDF : 233576.8/14

28764.849+/-6.008 χ^2/NDF : 322058.5/31

28681.445+/-8.277 χ^2/NDF : 88267.1/16

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.579+/-2.559 χ^2 /NDF: 12.3/14

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

Right Out: -0.756+/-2.180 χ^2 /NDF: 18.6/16

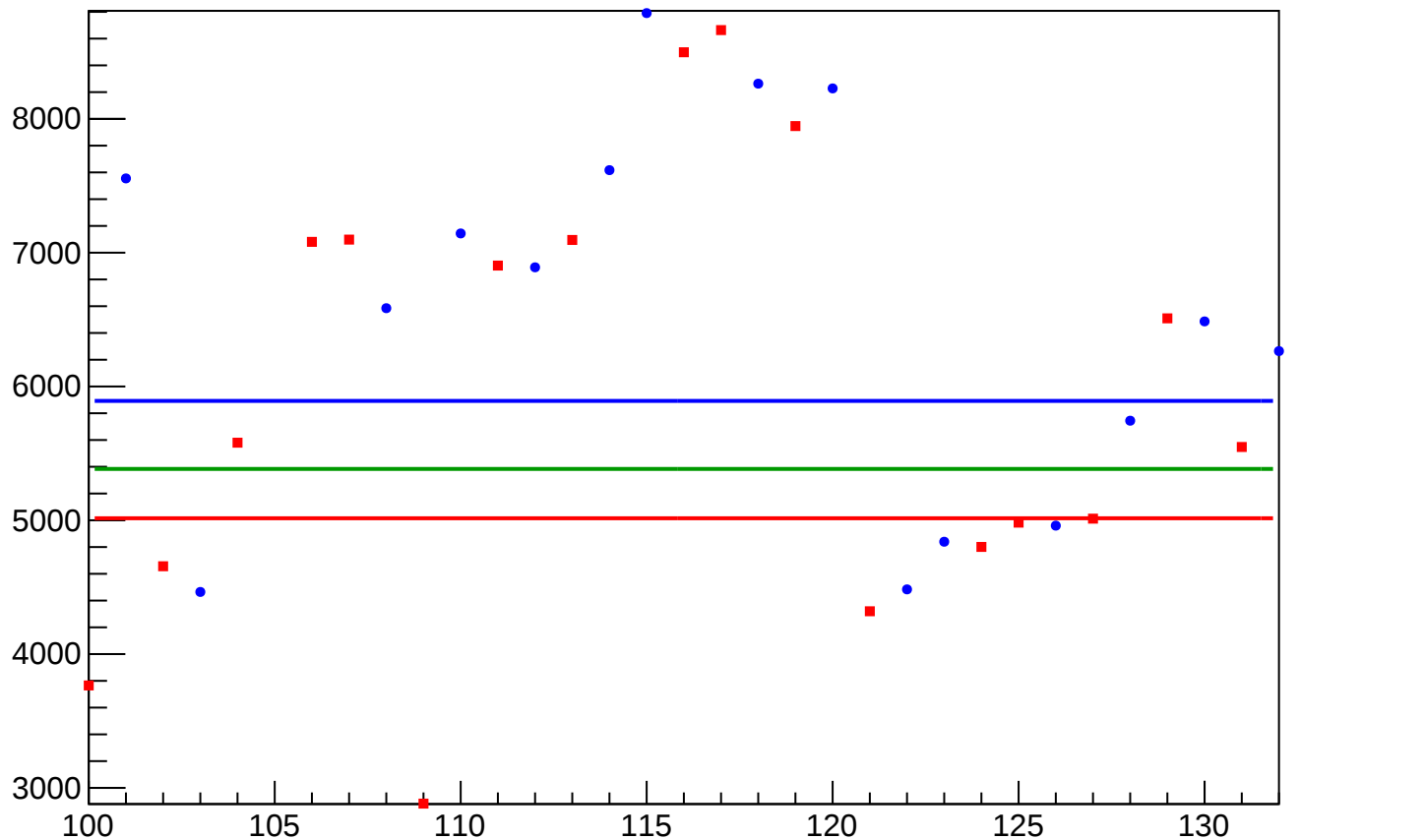
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.579+/-2.559 χ^2 /NDF: 12.3/14

-1.102+/-1.659 χ^2 /NDF: 31.0/31

-0.756+/-2.180 χ^2 /NDF: 18.6/16

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5892.235+/-1.810 χ^2/NDF : 503699.7/14

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

Right Out: 5015.104+/-1.541 χ^2/NDF : 1004284.3/16

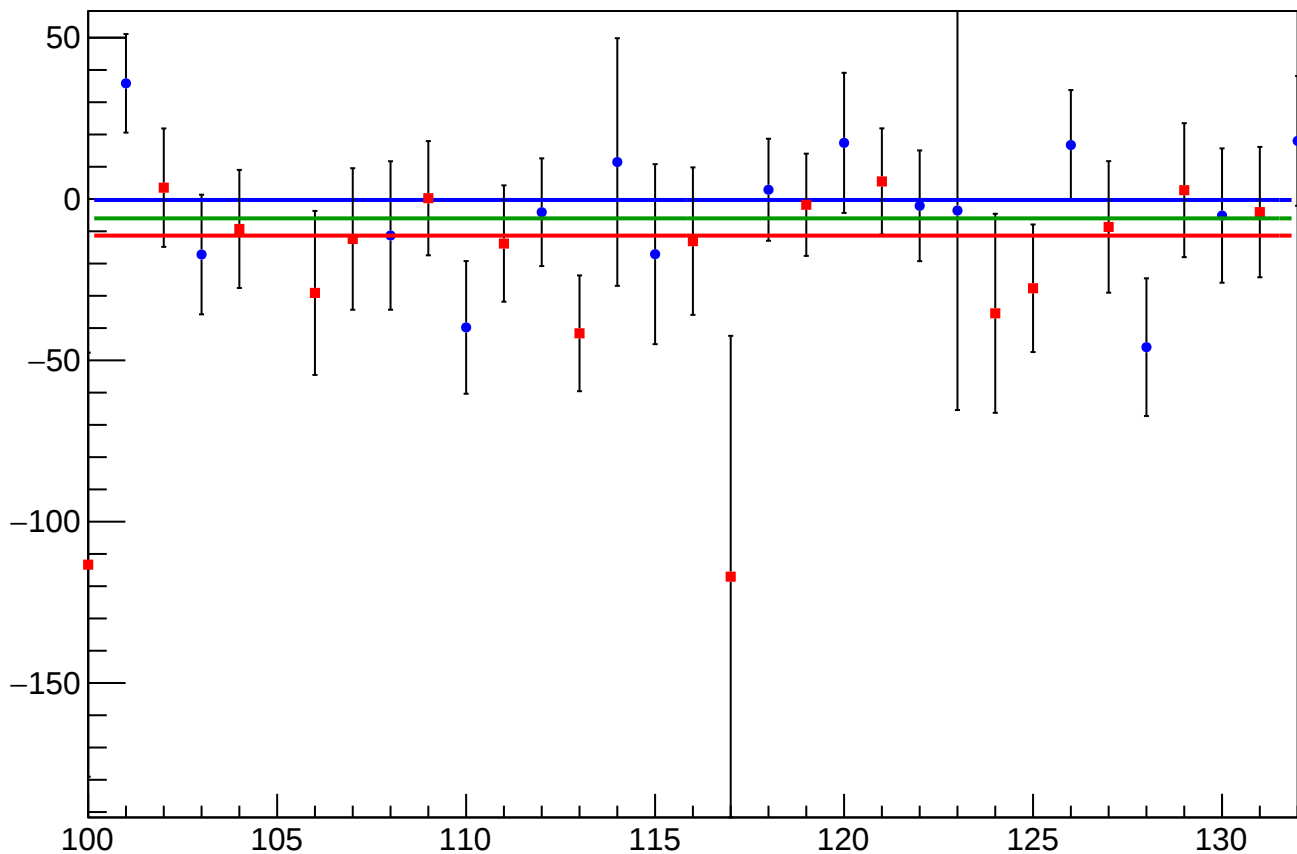
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5892.235+/-1.810 χ^2/NDF : 503699.7/14

5383.821+/-1.173 χ^2/NDF : 1644137.0/31

5015.104+/-1.541 χ^2/NDF : 1004284.3/16

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.288 ± 5.184 χ^2/NDF : 18.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.337 ± 5.016 χ^2/NDF : 12.2/16

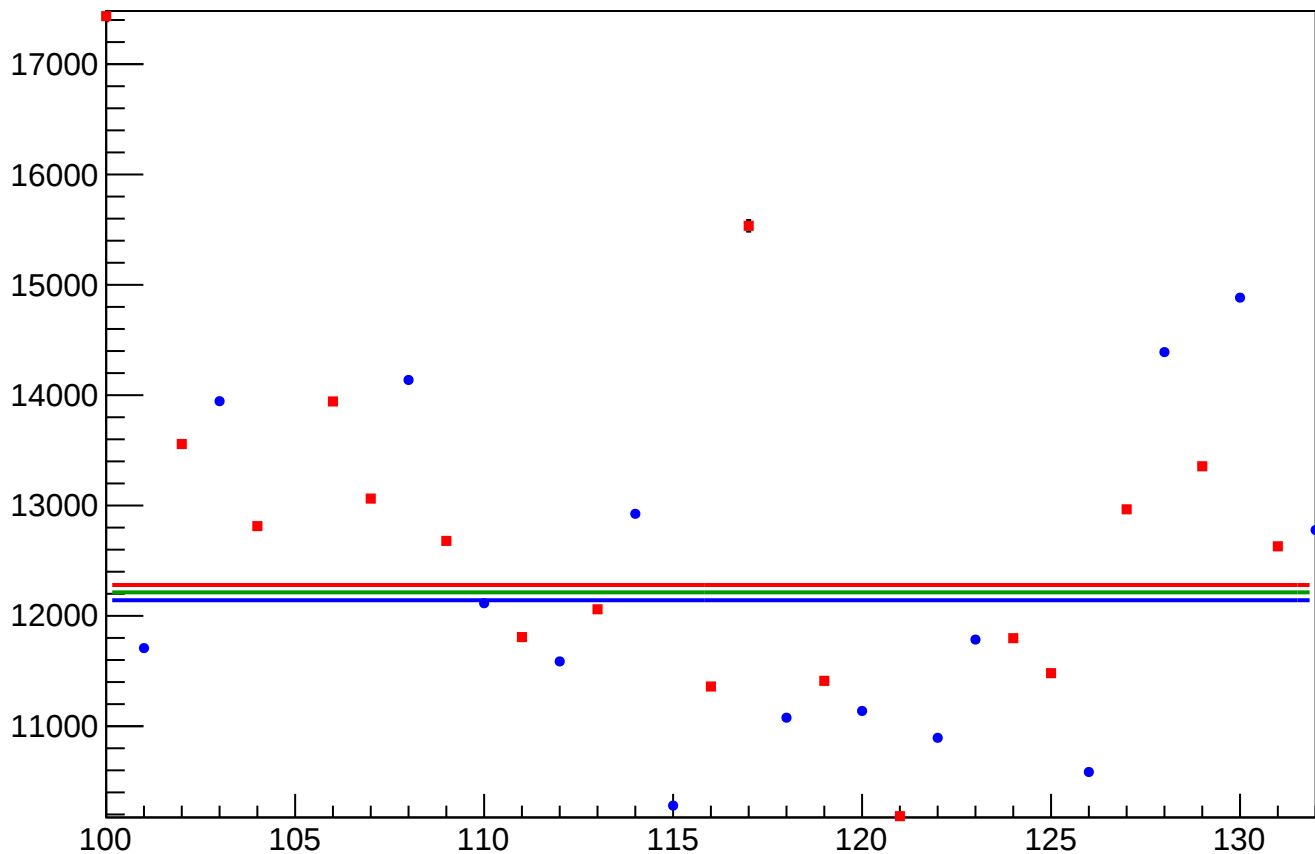
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.288 ± 5.184 χ^2/NDF : 18.0/14

-5.994 ± 3.605 χ^2/NDF : 32.6/31

-11.337 ± 5.016 χ^2/NDF : 12.2/16

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12141.652+/-3.666 χ^2/NDF : 147138.0/14

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

Right Out: 12279.754+/-3.547 χ^2/NDF : 94997.0/16

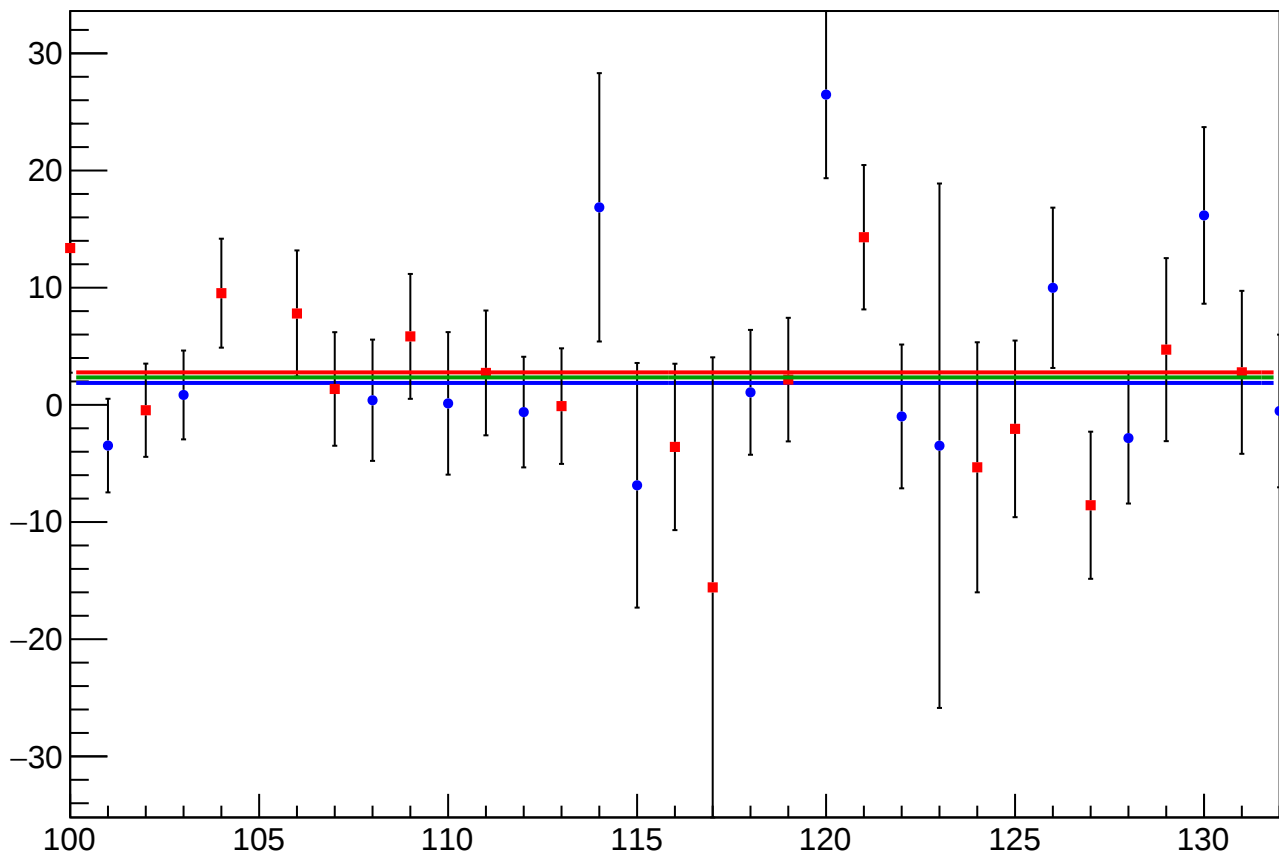
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12141.652+/-3.666 χ^2/NDF : 147138.0/14

12212.974+/-2.549 χ^2/NDF : 242868.1/31

12279.754+/-3.547 χ^2/NDF : 94997.0/16

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.872 $\pm$ 1.514 χ^2 /NDF: 22.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.772 $\pm$ 1.443 χ^2 /NDF: 14.9/16

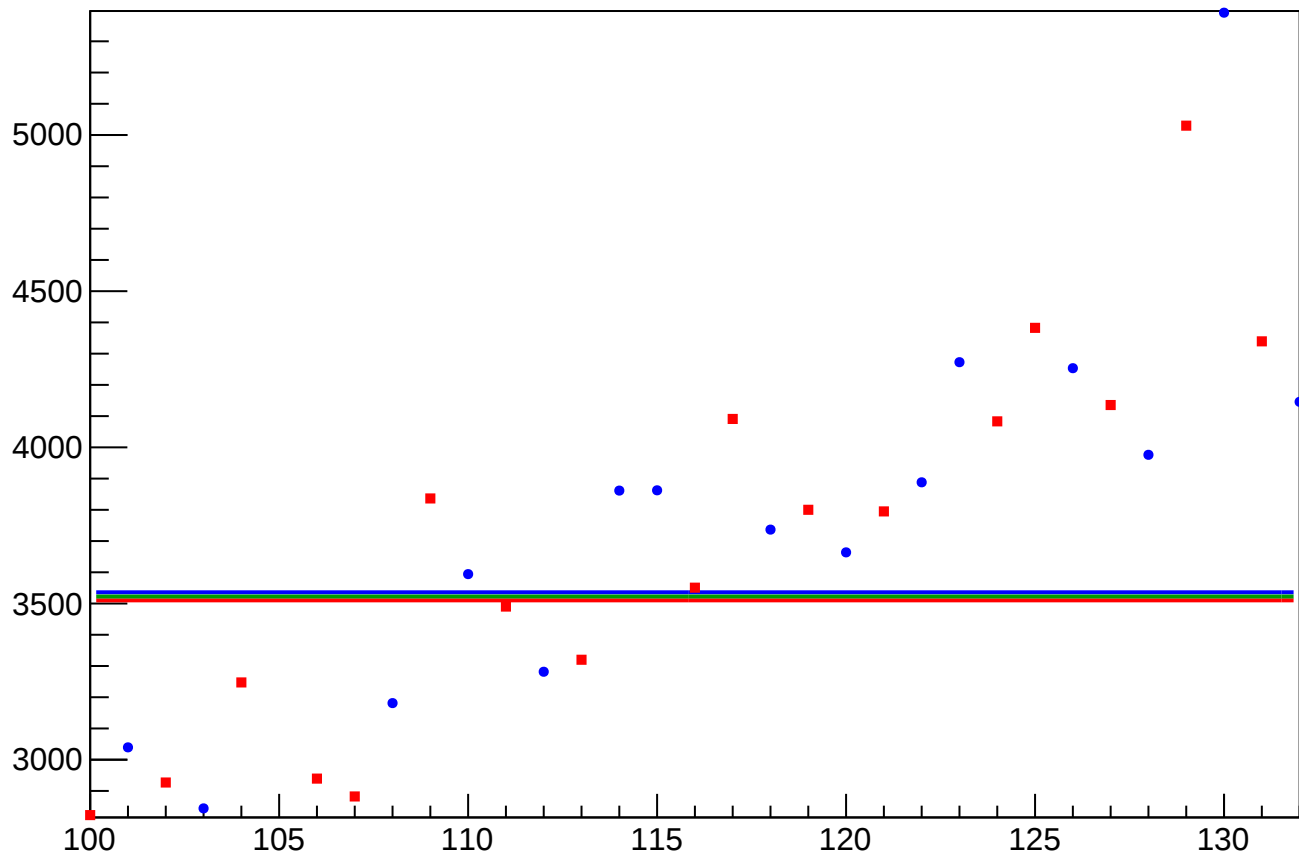
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.872 $\pm$ 1.514 χ^2 /NDF: 22.8/14

2.344 $\pm$ 1.044 χ^2 /NDF: 37.9/31

2.772 $\pm$ 1.443 χ^2 /NDF: 14.9/16

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3535.937+/-1.070 χ^2/NDF : 301899.5/14

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

Right Out: 3510.196+/-1.020 χ^2/NDF : 292969.2/16

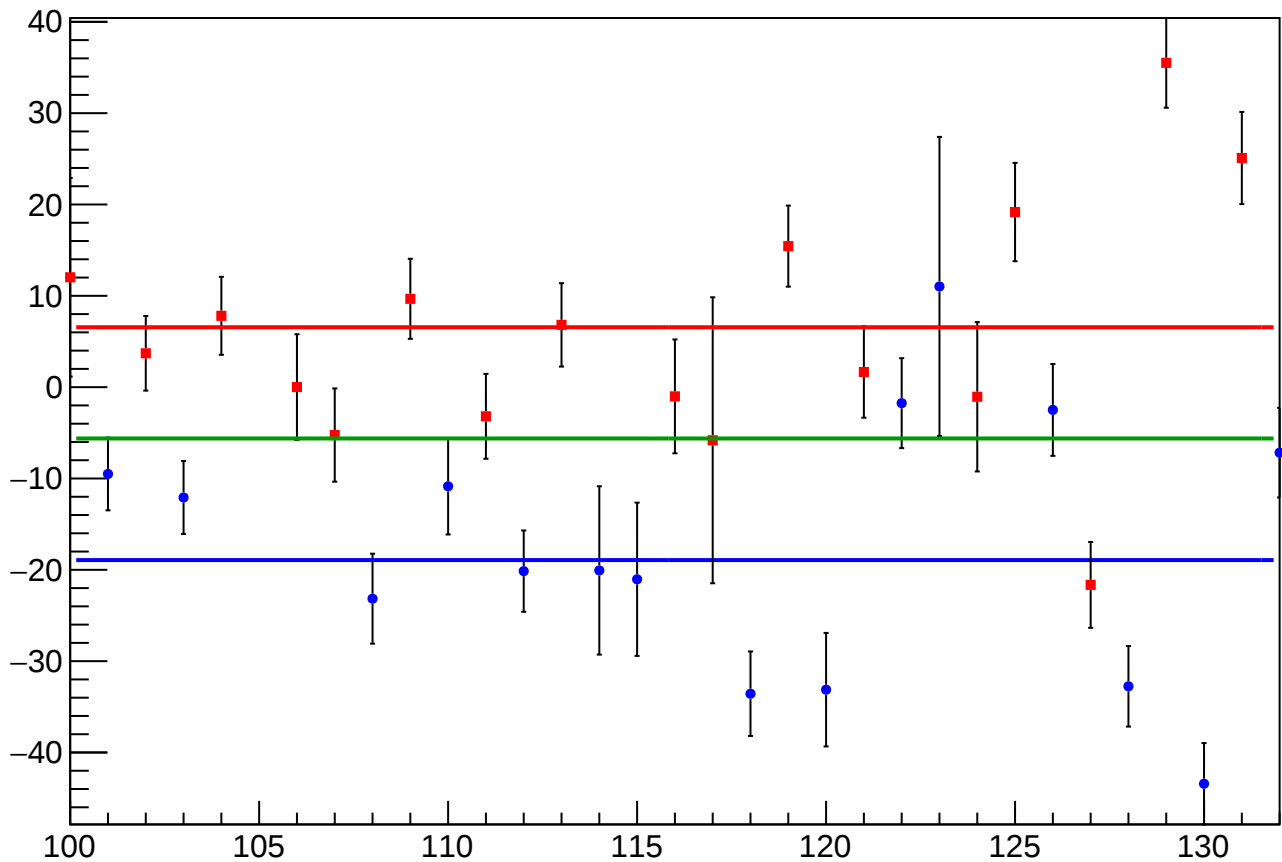
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3535.937+/-1.070 χ^2/NDF : 301899.5/14

3522.446+/-0.738 χ^2/NDF : 595171.7/31

3510.196+/-1.020 χ^2/NDF : 292969.2/16

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -18.934+/-1.314 χ^2/NDF : 99.0/14

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

Right Out: 6.561+/-1.256 χ^2/NDF : 110.0/16

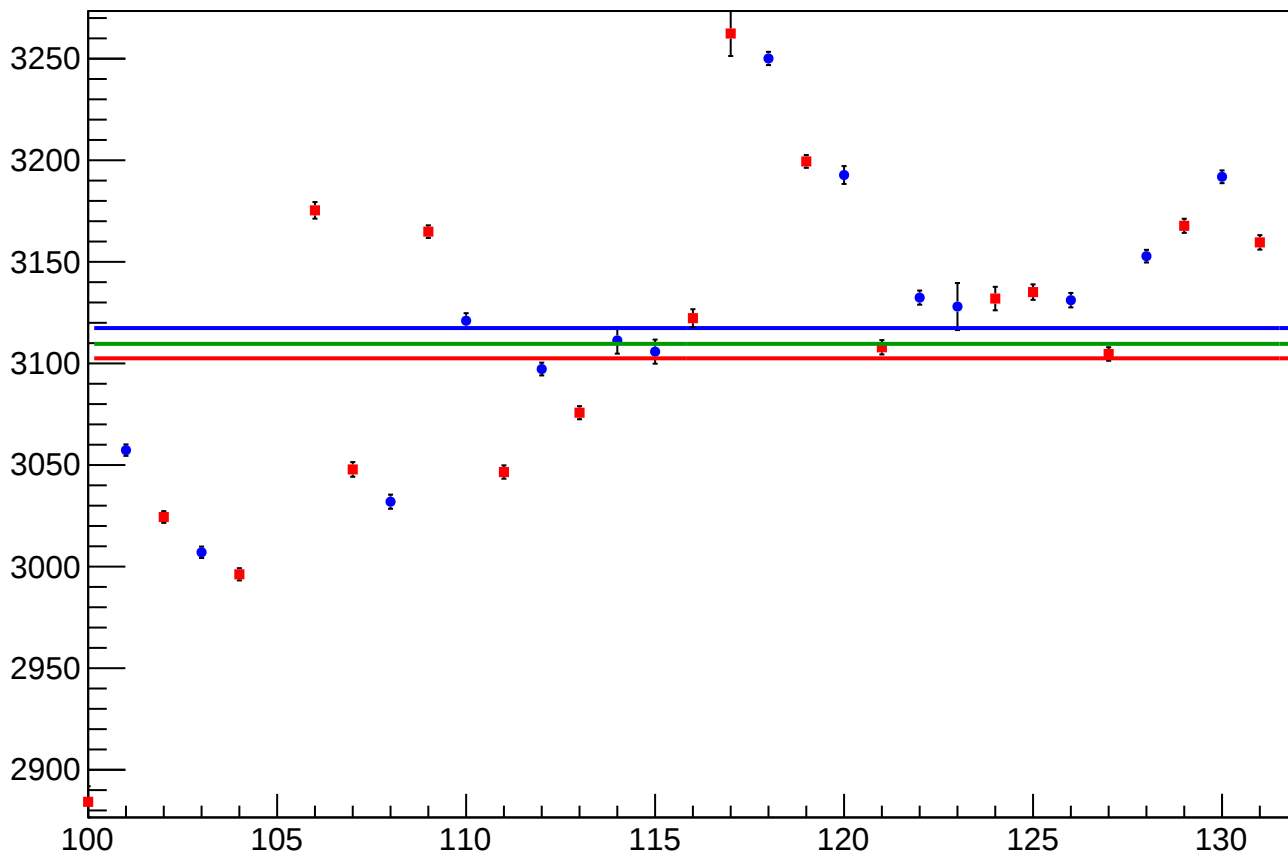
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.934+/-1.314 χ^2/NDF : 99.0/14

-5.618+/-0.908 χ^2/NDF : 405.8/31

6.561+/-1.256 χ^2/NDF : 110.0/16

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3117.412 $\pm$ 0.929 χ^2 /NDF: 5297.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3102.522 $\pm$ 0.888 χ^2 /NDF: 5979.8/16

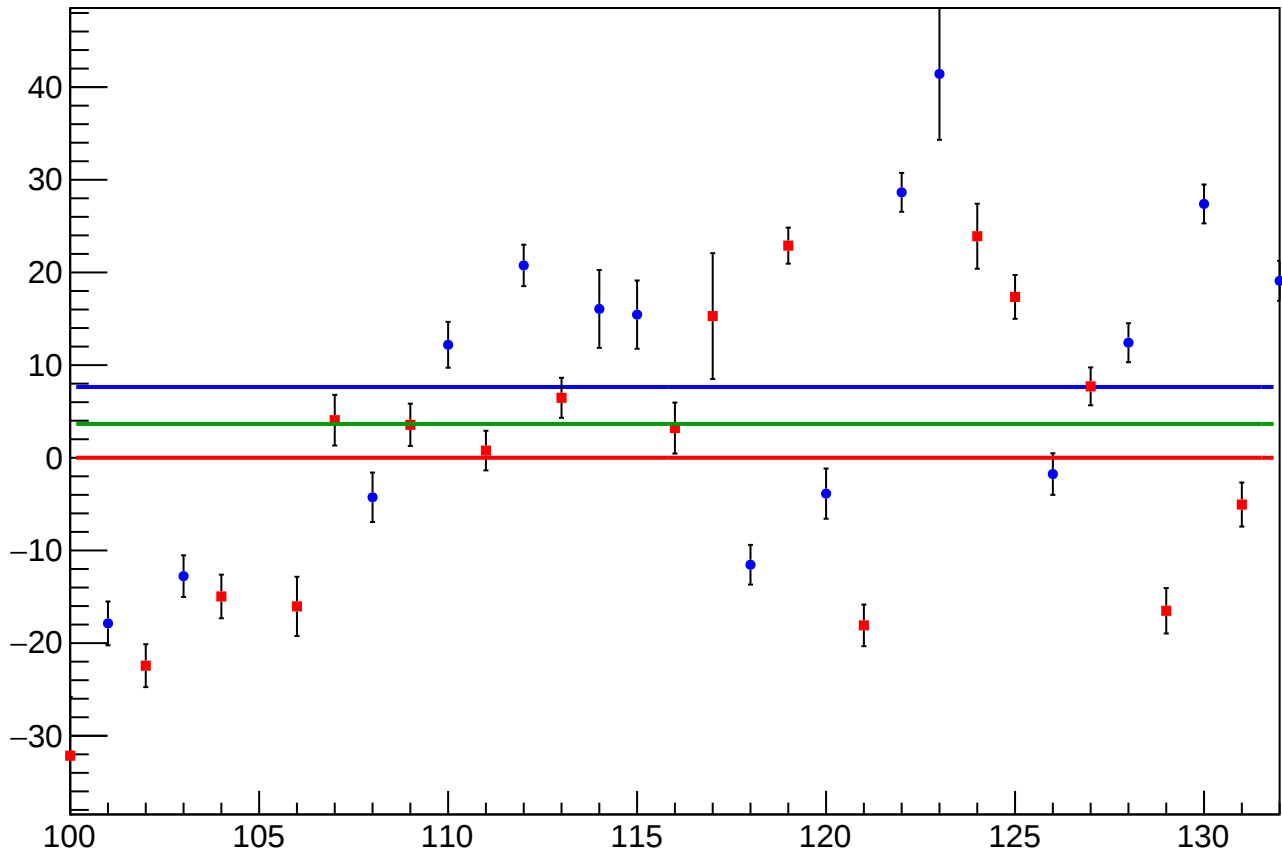
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3117.412 $\pm$ 0.929 χ^2 /NDF: 5297.6/14

3109.635 $\pm$ 0.642 χ^2 /NDF: 11411.6/31

3102.522 $\pm$ 0.888 χ^2 /NDF: 5979.8/16

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 7.641+/-0.635 χ^2/NDF : 625.7/14

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

Right Out: 0.004+/-0.608 χ^2/NDF : 573.5/16

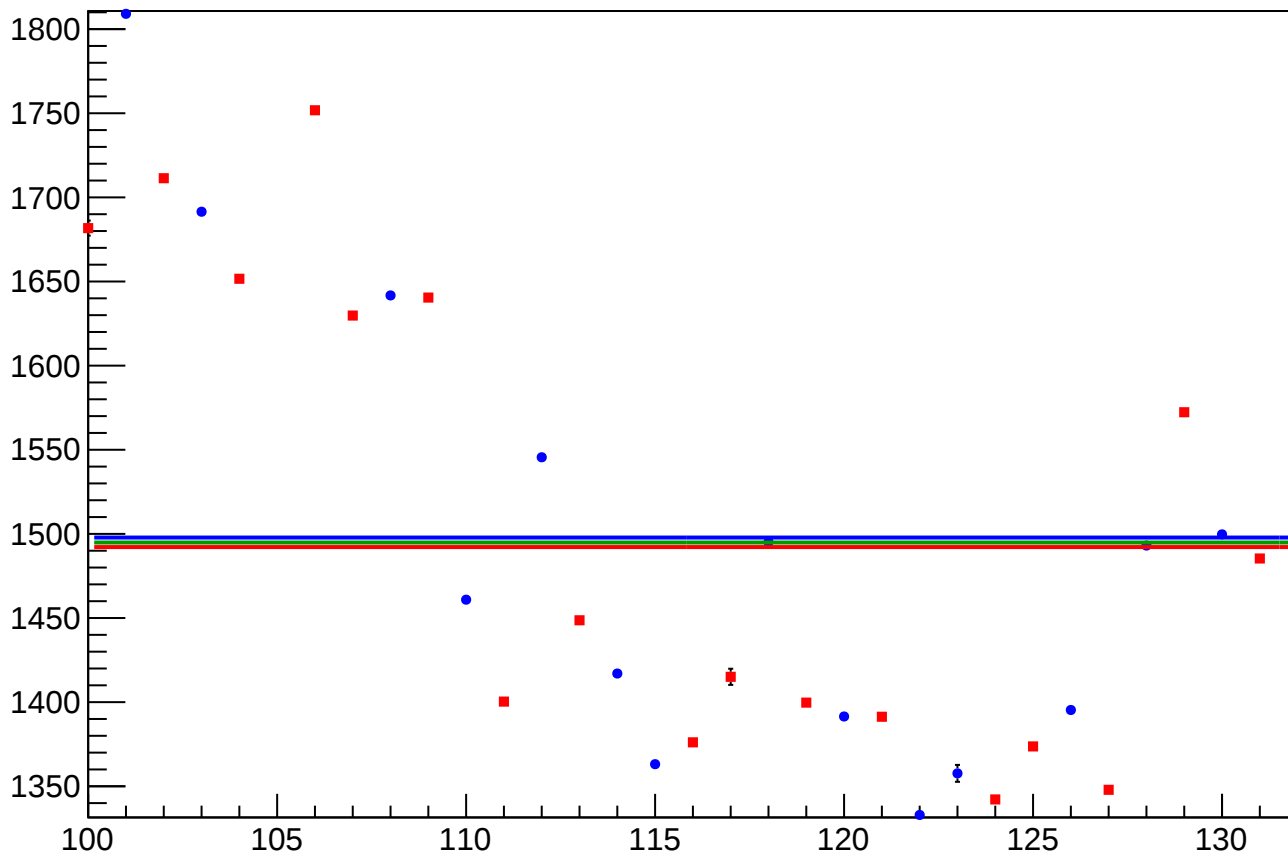
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.641+/-0.635 χ^2/NDF : 625.7/14

3.653+/-0.439 χ^2/NDF : 1274.7/31

0.004+/-0.608 χ^2/NDF : 573.5/16

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1497.830+/-0.449 χ^2/NDF : 87311.5/14

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

Right Out: 1492.170+/-0.430 χ^2/NDF : 93325.7/16

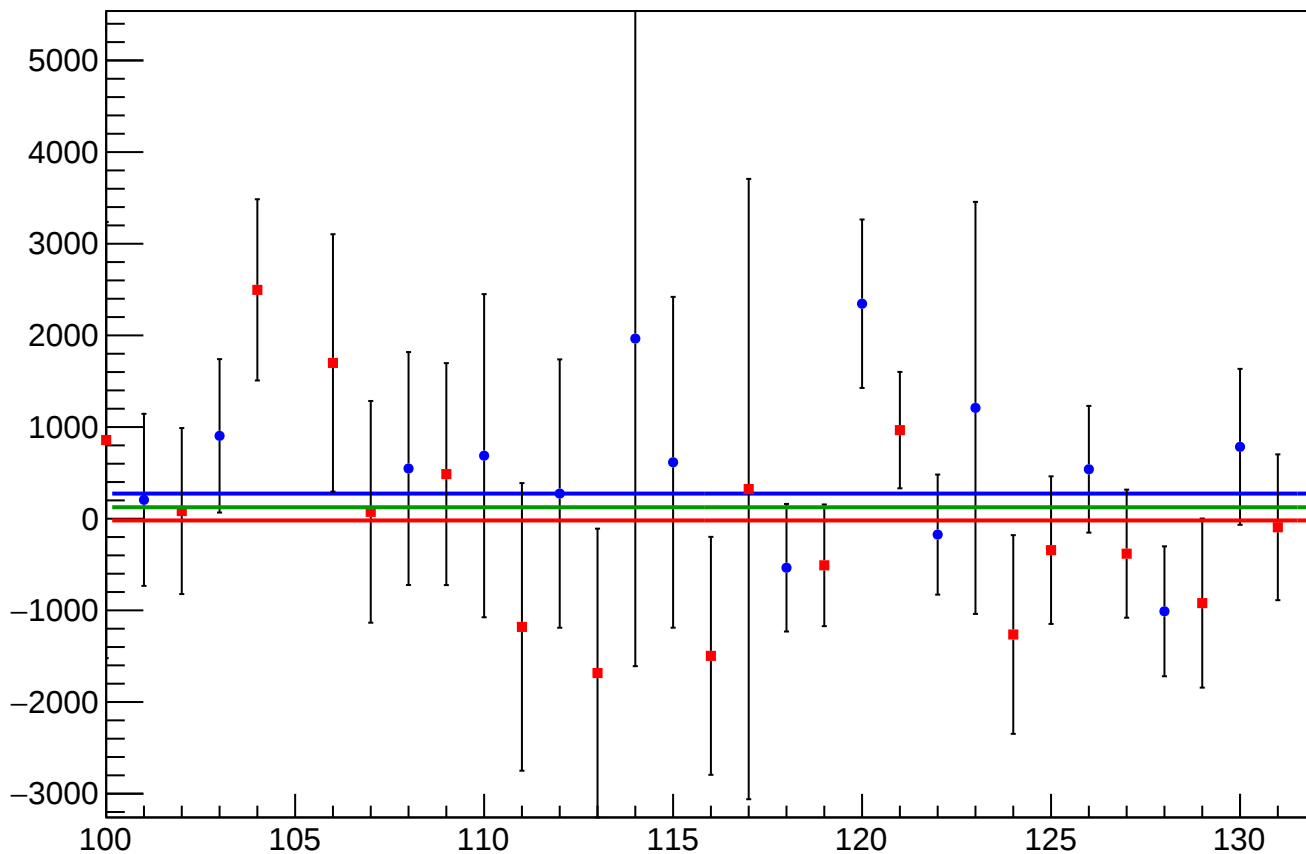
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1497.830+/-0.449 χ^2/NDF : 87311.5/14

1494.874+/-0.310 χ^2/NDF : 180720.2/31

1492.170+/-0.430 χ^2/NDF : 93325.7/16

asym_sam1_mean vs Slug, Sign Corrected



Right In: 274.074+/-241.786 χ^2/NDF : 11.8/14

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

Right Out: -19.006+/-237.511 χ^2/NDF : 16.9/16

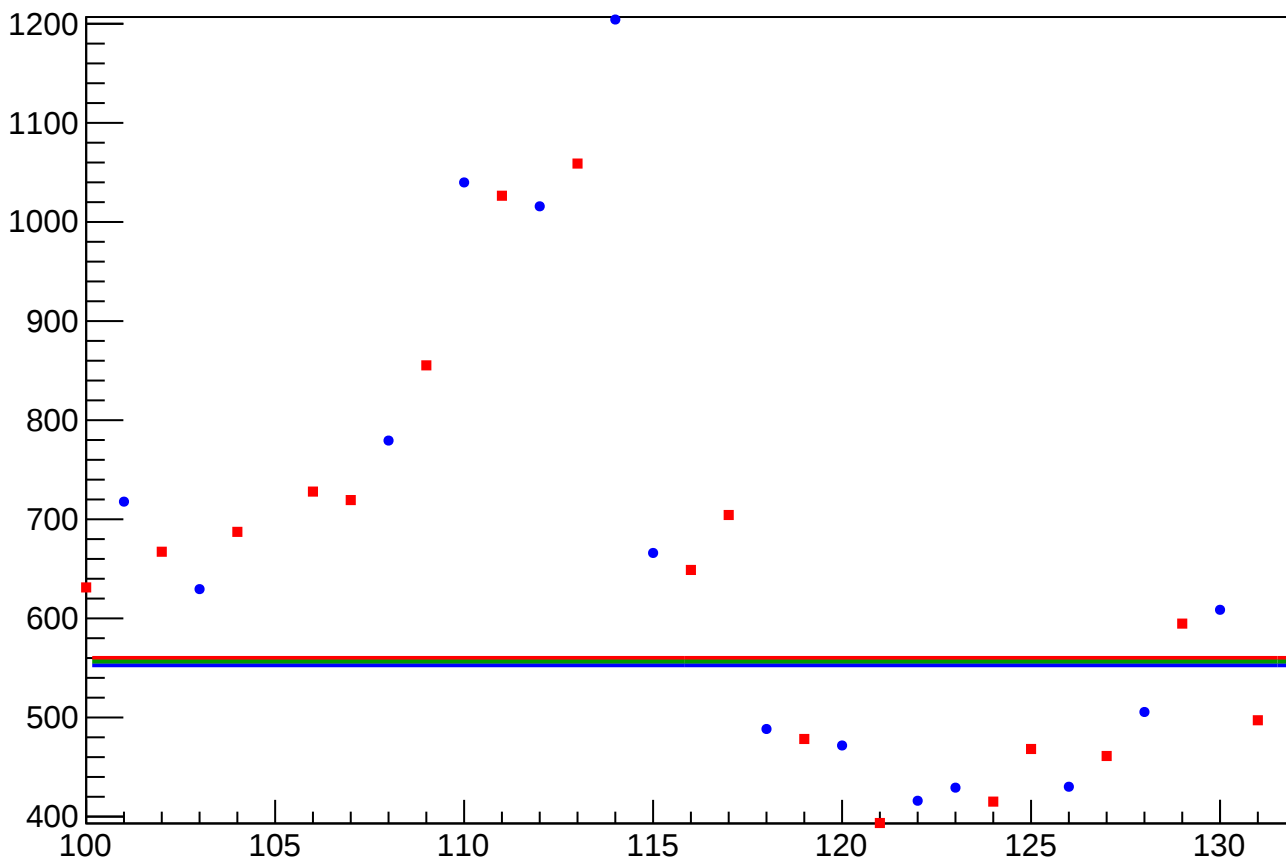
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

274.074+/-241.786 χ^2/NDF : 11.8/14

124.920+/-169.437 χ^2/NDF : 29.5/31

-19.006+/-237.511 χ^2/NDF : 16.9/16

asym_sam1_rms vs Slug, Sign Corrected



Right In: 552.722+/-0.171 χ^2/NDF : 779346.0/14

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

Right Out: 560.078+/-0.168 χ^2/NDF : 920390.5/16

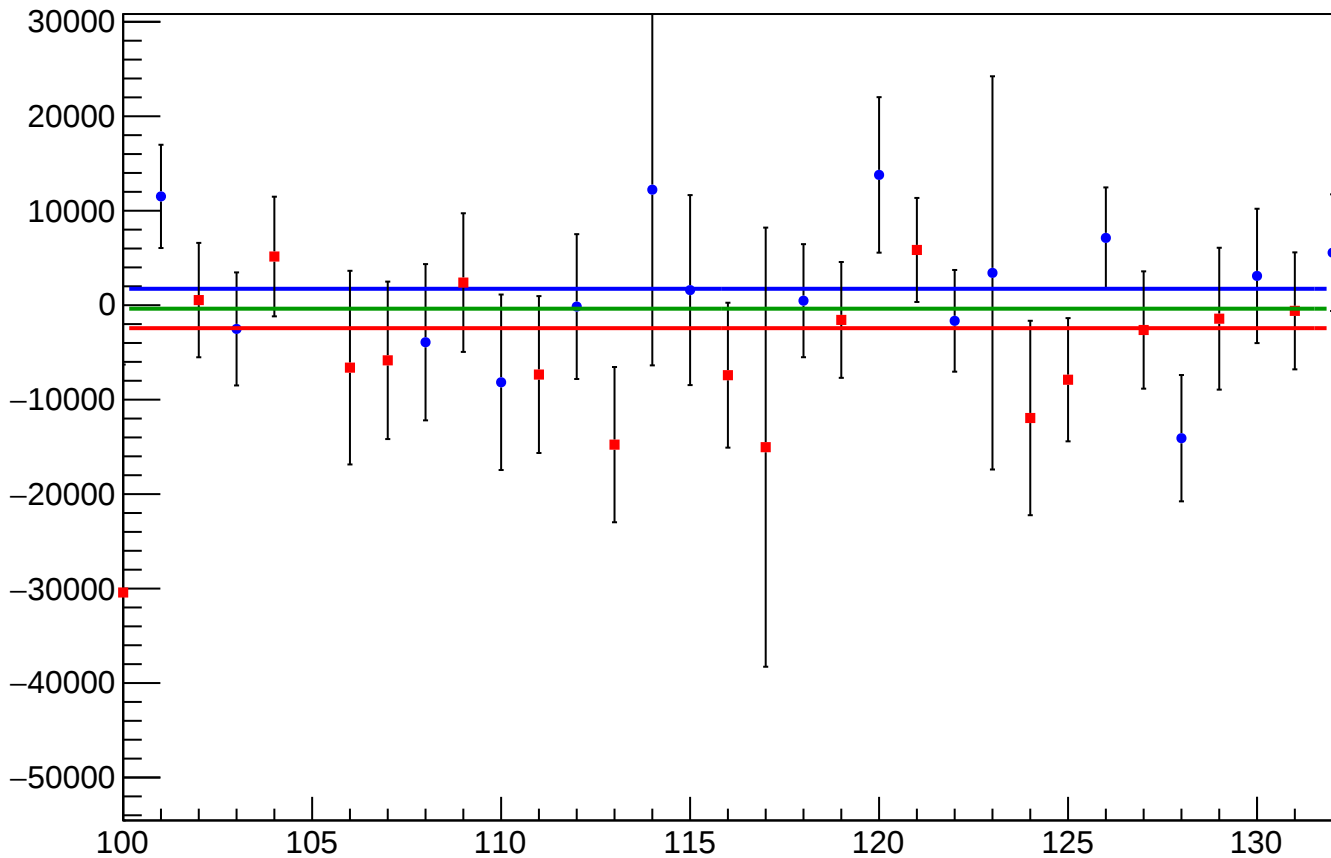
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

552.722+/-0.171 χ^2/NDF : 779346.0/14

556.465+/-0.120 χ^2/NDF : 1700678.6/31

560.078+/-0.168 χ^2/NDF : 920390.5/16

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1736.880 $\pm$ 1824.886 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2432.664 $\pm$ 1805.306 χ^2 /NDF: 11.0/16

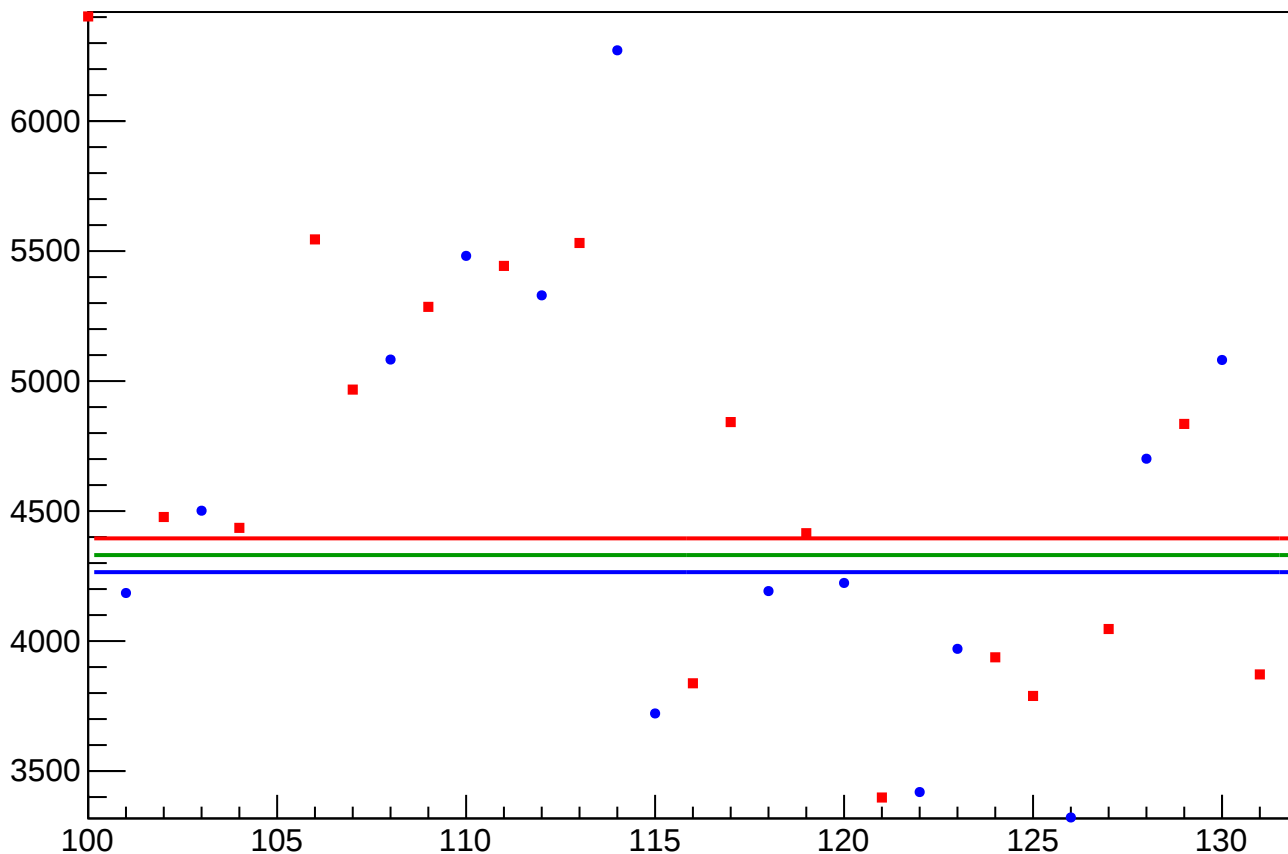
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1736.880 $\pm$ 1824.886 χ^2 /NDF: 15.3/14

-370.381 $\pm$ 1283.410 χ^2 /NDF: 29.0/31

-2432.664 $\pm$ 1805.306 χ^2 /NDF: 11.0/16

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4265.075+/-1.290 χ^2/NDF : 278425.1/14

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

Right Out: 4394.982+/-1.277 χ^2/NDF : 273930.9/16

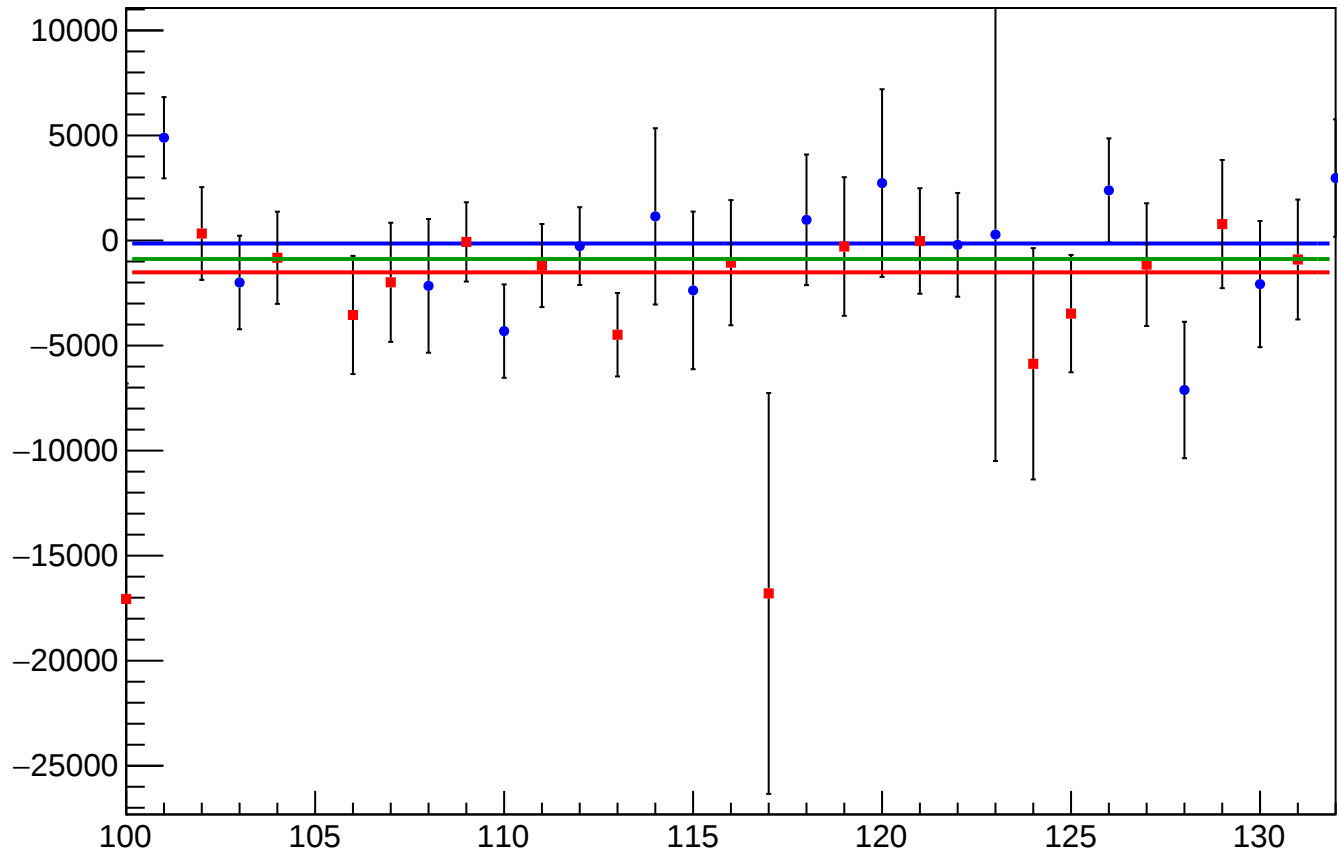
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4265.075+/-1.290 χ^2/NDF : 278425.1/14

4330.729+/-0.908 χ^2/NDF : 557478.1/31

4394.982+/-1.277 χ^2/NDF : 273930.9/16

asym_sam3_mean vs Slug, Sign Corrected



Right In: -141.622+/-704.785 χ^2 /NDF: 19.7/14

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

Right Out: -1514.996+/-652.893 χ^2 /NDF: 11.3/16

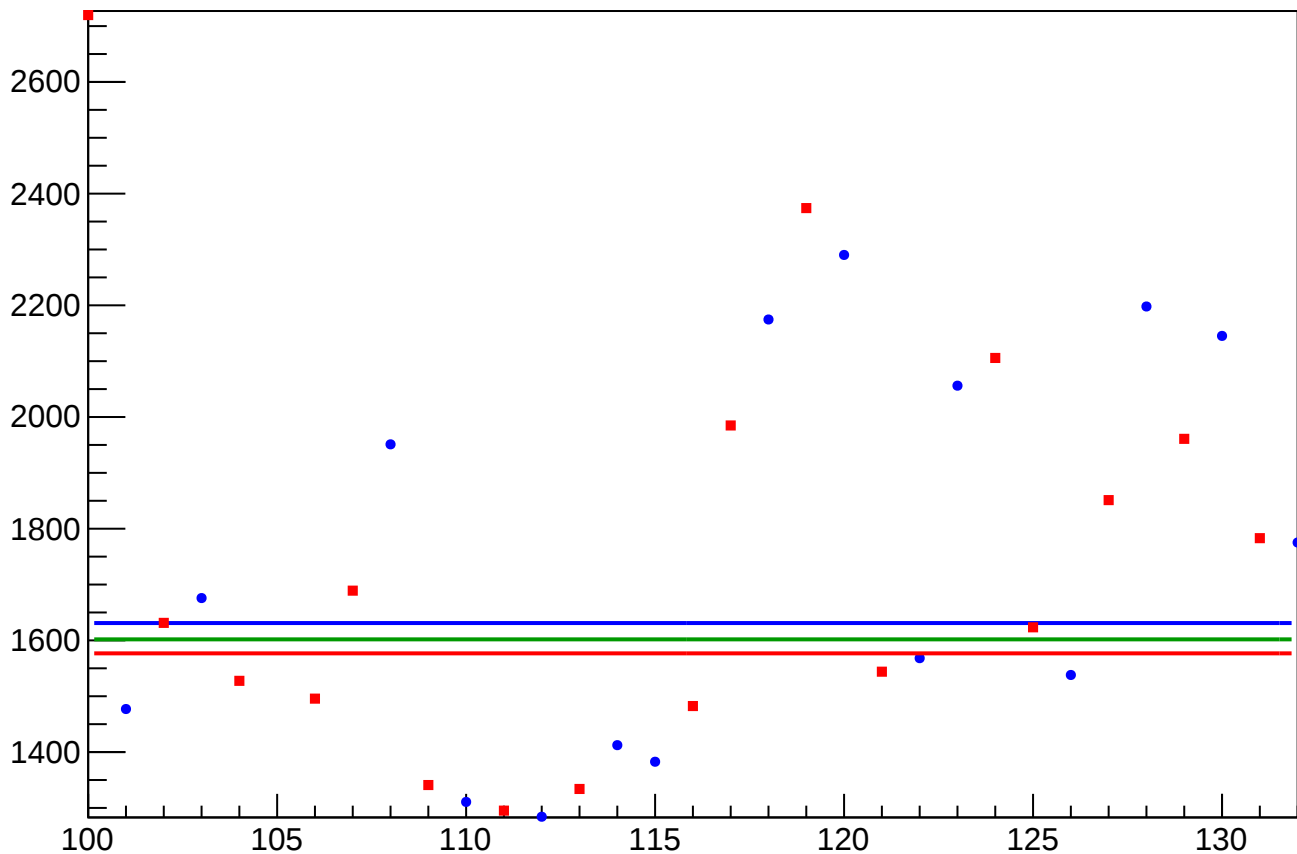
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-141.622+/-704.785 χ^2 /NDF: 19.7/14

-880.724+/-478.961 χ^2 /NDF: 33.1/31

-1514.996+/-652.893 χ^2 /NDF: 11.3/16

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1631.062 $\pm$ 0.498 χ^2 /NDF: 396511.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1576.783 $\pm$ 0.462 χ^2 /NDF: 335306.3/16

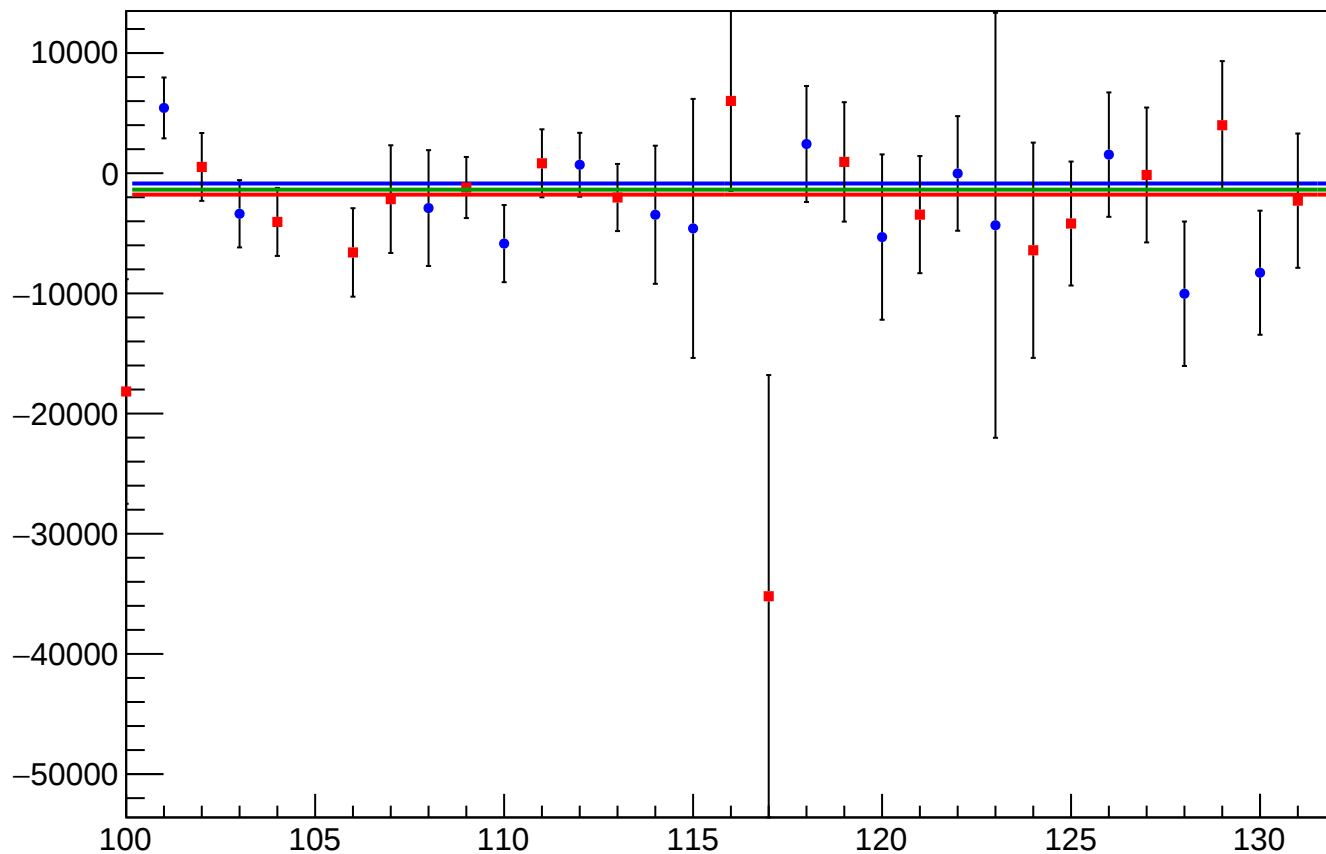
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1631.062 $\pm$ 0.498 χ^2 /NDF: 396511.4/14

1601.851 $\pm$ 0.339 χ^2 /NDF: 738201.8/31

1576.783 $\pm$ 0.462 χ^2 /NDF: 335306.3/16

asym_sam4_mean vs Slug, Sign Corrected



Right In: -856.403+/-1084.571 χ^2 /NDF: 16.8/14

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

Right Out: -1779.730+/-977.927 χ^2 /NDF: 13.6/16

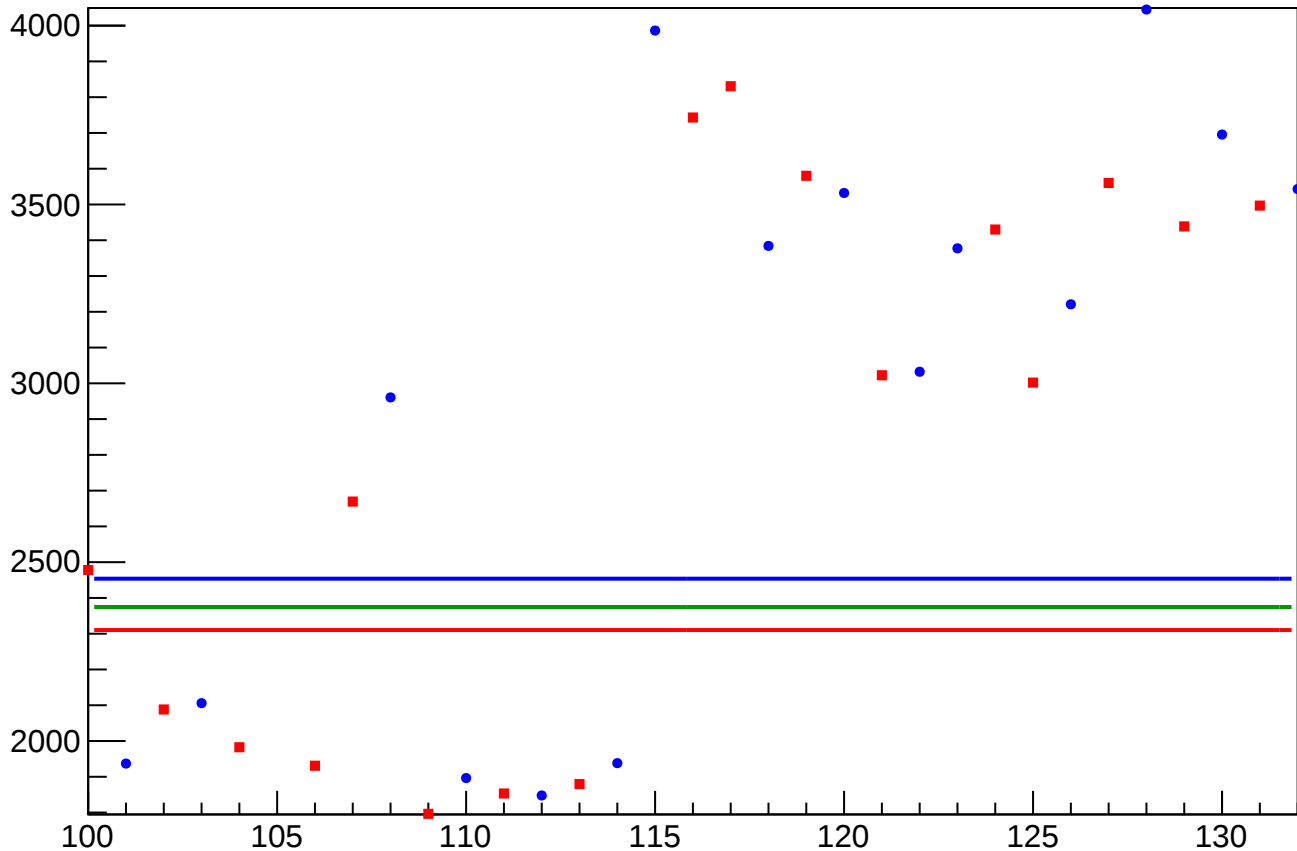
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-856.403+/-1084.571 χ^2 /NDF: 16.8/14

-1365.680+/-726.283 χ^2 /NDF: 30.7/31

-1779.730+/-977.927 χ^2 /NDF: 13.6/16

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2453.812 $\pm$ 0.767 χ^2 /NDF: 891917.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2310.280 $\pm$ 0.691 χ^2 /NDF: 861876.8/16

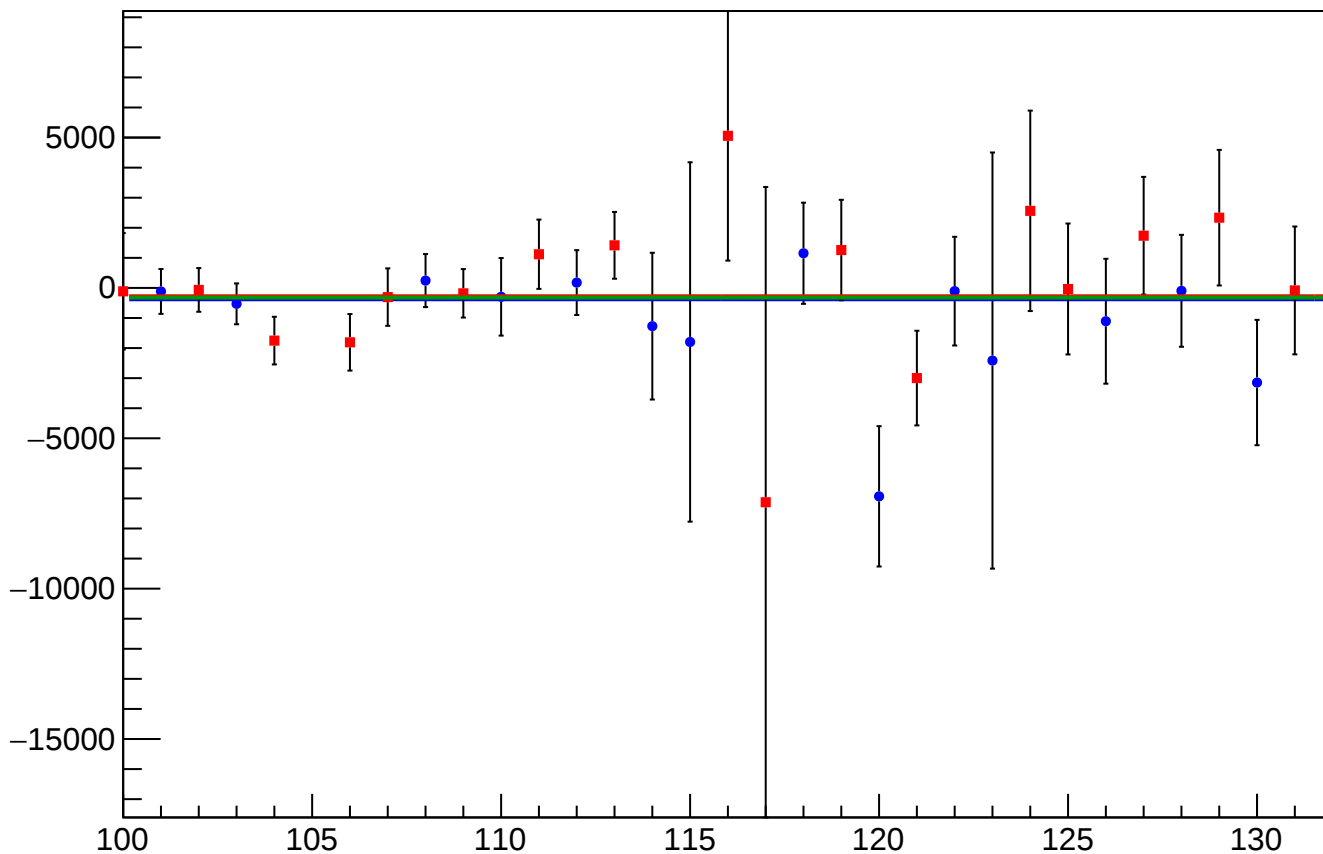
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2453.812 $\pm$ 0.767 χ^2 /NDF: 891917.1/14

2374.645 $\pm$ 0.514 χ^2 /NDF: 1773113.8/31

2310.280 $\pm$ 0.691 χ^2 /NDF: 861876.8/16

asym_sam5_mean vs Slug, Sign Corrected



Right In: -376.114+/-338.412 χ^2 /NDF: 11.9/14

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

Right Out: -277.189+/-303.023 χ^2 /NDF: 19.1/16

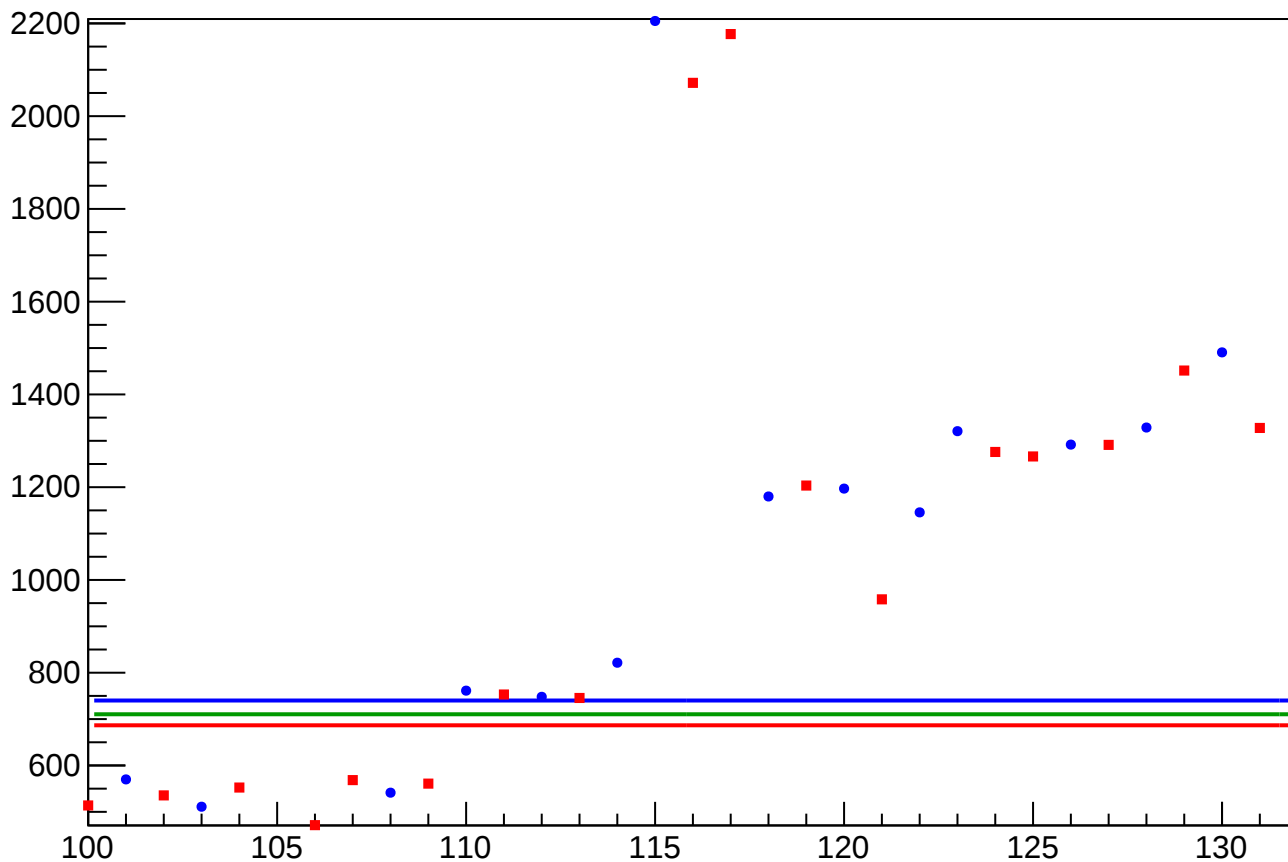
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-376.114+/-338.412 χ^2 /NDF: 11.9/14

-321.211+/-225.748 χ^2 /NDF: 31.0/31

-277.189+/-303.023 χ^2 /NDF: 19.1/16

asym_sam5_rms vs Slug, Sign Corrected



Right In: 740.053+/-0.239 χ^2/NDF : 1661316.2/14

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

Right Out: 686.611+/-0.214 χ^2/NDF : 1678006.7/16

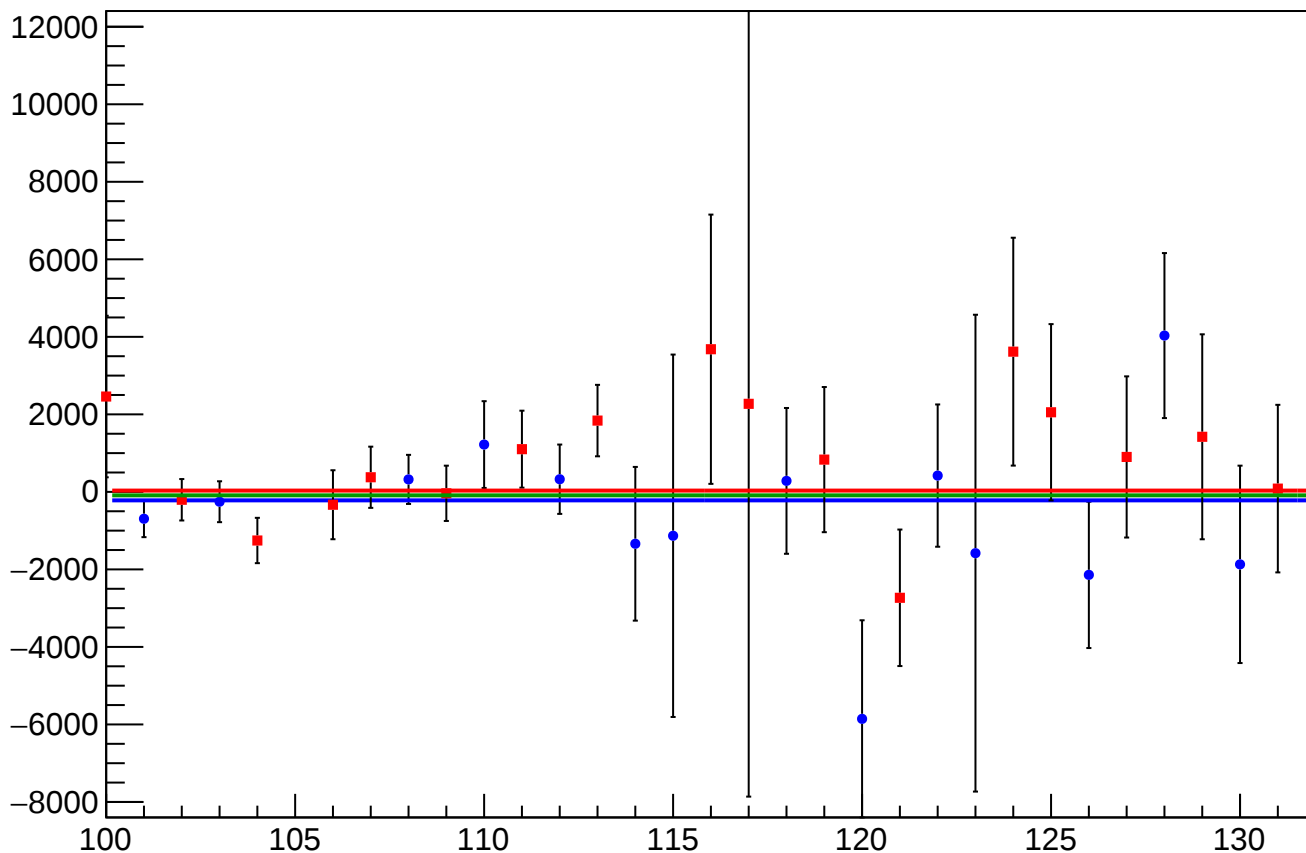
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

740.053+/-0.239 χ^2/NDF : 1661316.2/14

710.392+/-0.160 χ^2/NDF : 3367005.3/31

686.611+/-0.214 χ^2/NDF : 1678006.7/16

asym_sam6_mean vs Slug, Sign Corrected



Right In: -218.741 ± 262.546 $\chi^2/\text{NDF}: 14.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 33.366 ± 255.839 $\chi^2/\text{NDF}: 18.3/16$

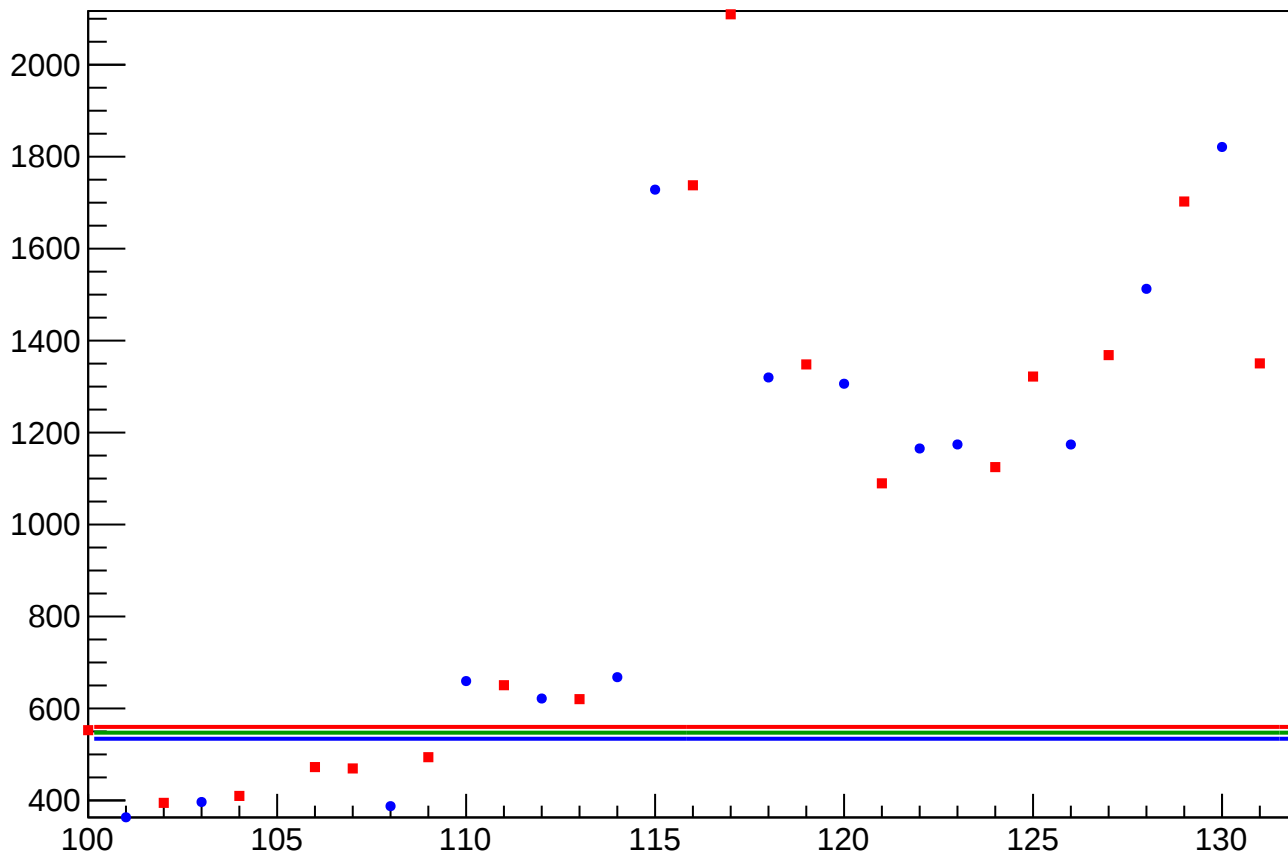
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-218.741 ± 262.546 $\chi^2/\text{NDF}: 14.9/14$

-89.427 ± 183.231 $\chi^2/\text{NDF}: 33.6/31$

33.366 ± 255.839 $\chi^2/\text{NDF}: 18.3/16$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 534.122+/-0.186 χ^2/NDF : 2943505.8/14

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

Right Out: 559.875+/-0.181 χ^2/NDF : 2464939.3/16

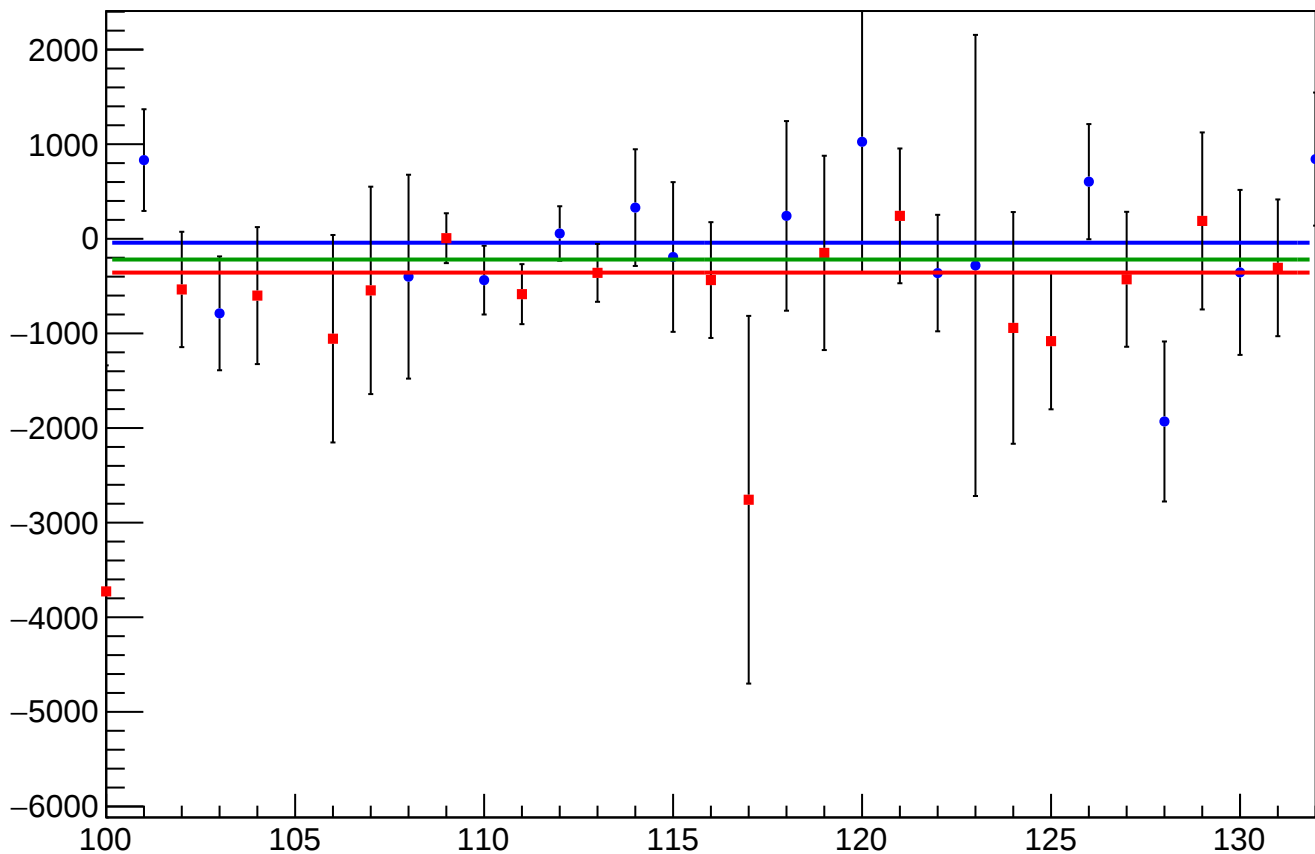
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

534.122+/-0.186 χ^2/NDF : 2943505.8/14

547.332+/-0.130 χ^2/NDF : 5418315.9/31

559.875+/-0.181 χ^2/NDF : 2464939.3/16

asym_sam7_mean vs Slug, Sign Corrected



Right In: -41.407+/-153.026 χ^2/NDF : 14.8/14

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

Right Out: -357.128+/-134.932 χ^2/NDF : 8.9/16

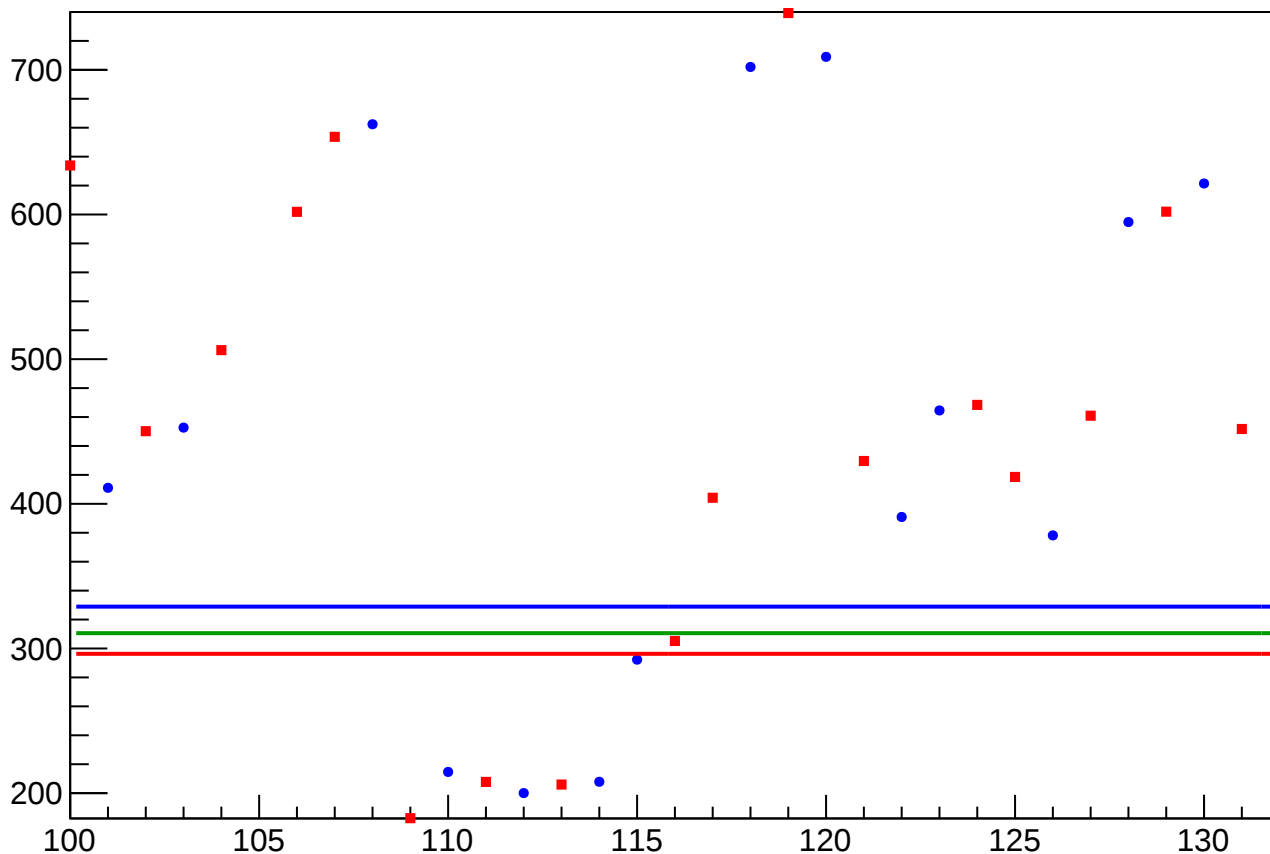
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.407+/-153.026 χ^2/NDF : 14.8/14

-219.028+/-101.207 χ^2/NDF : 26.1/31

-357.128+/-134.932 χ^2/NDF : 8.9/16

asym_sam7_rms vs Slug, Sign Corrected



Right In: 328.940+/-0.108 χ^2/NDF : 1949107.2/14

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

Right Out: 296.317+/-0.095 χ^2/NDF : 2363911.5/16

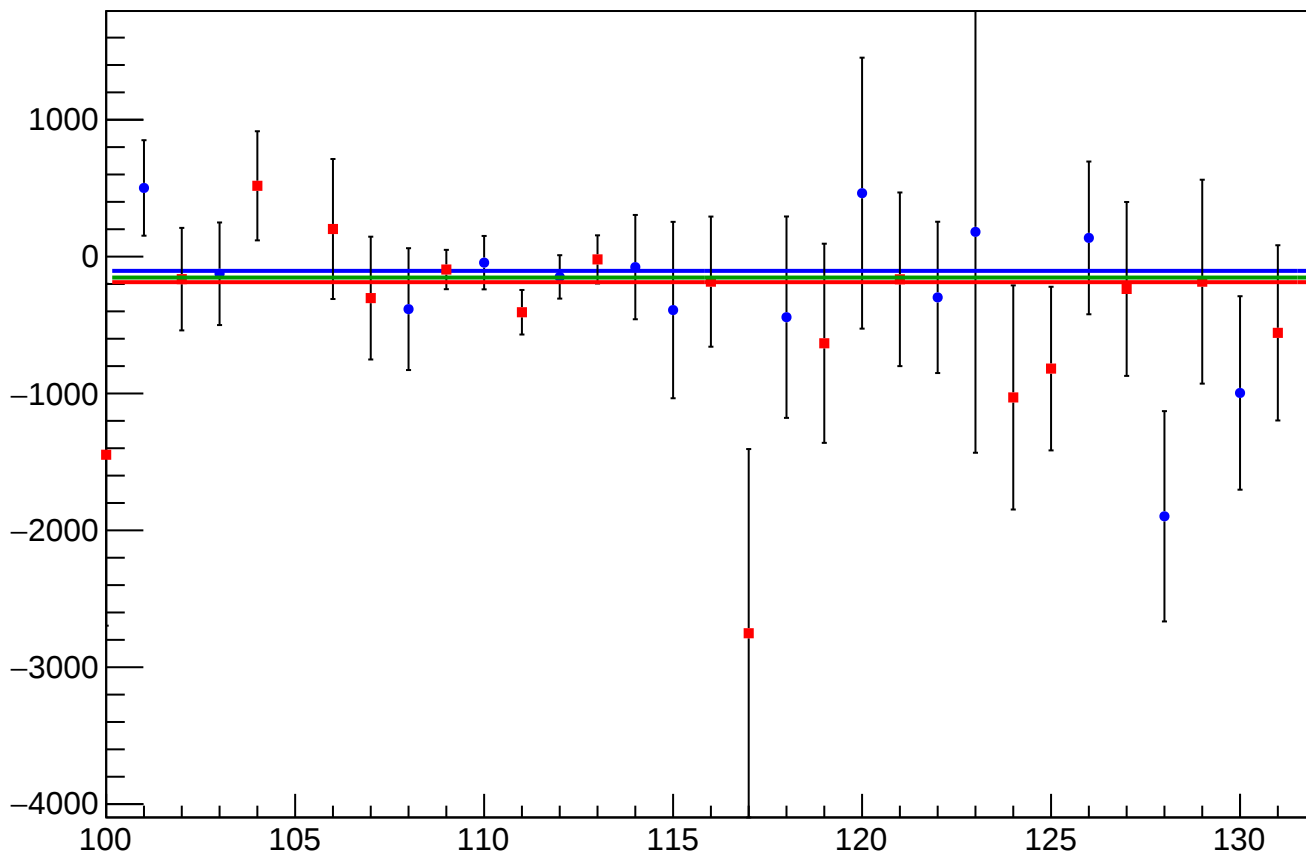
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

328.940+/-0.108 χ^2/NDF : 1949107.2/14

310.587+/-0.072 χ^2/NDF : 4364157.8/31

296.317+/-0.095 χ^2/NDF : 2363911.5/16

asym_sam8_mean vs Slug, Sign Corrected



Right In: -104.165+/-94.576 χ^2/NDF : 13.0/14

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

Right Out: -186.644+/-78.630 χ^2/NDF : 14.4/16

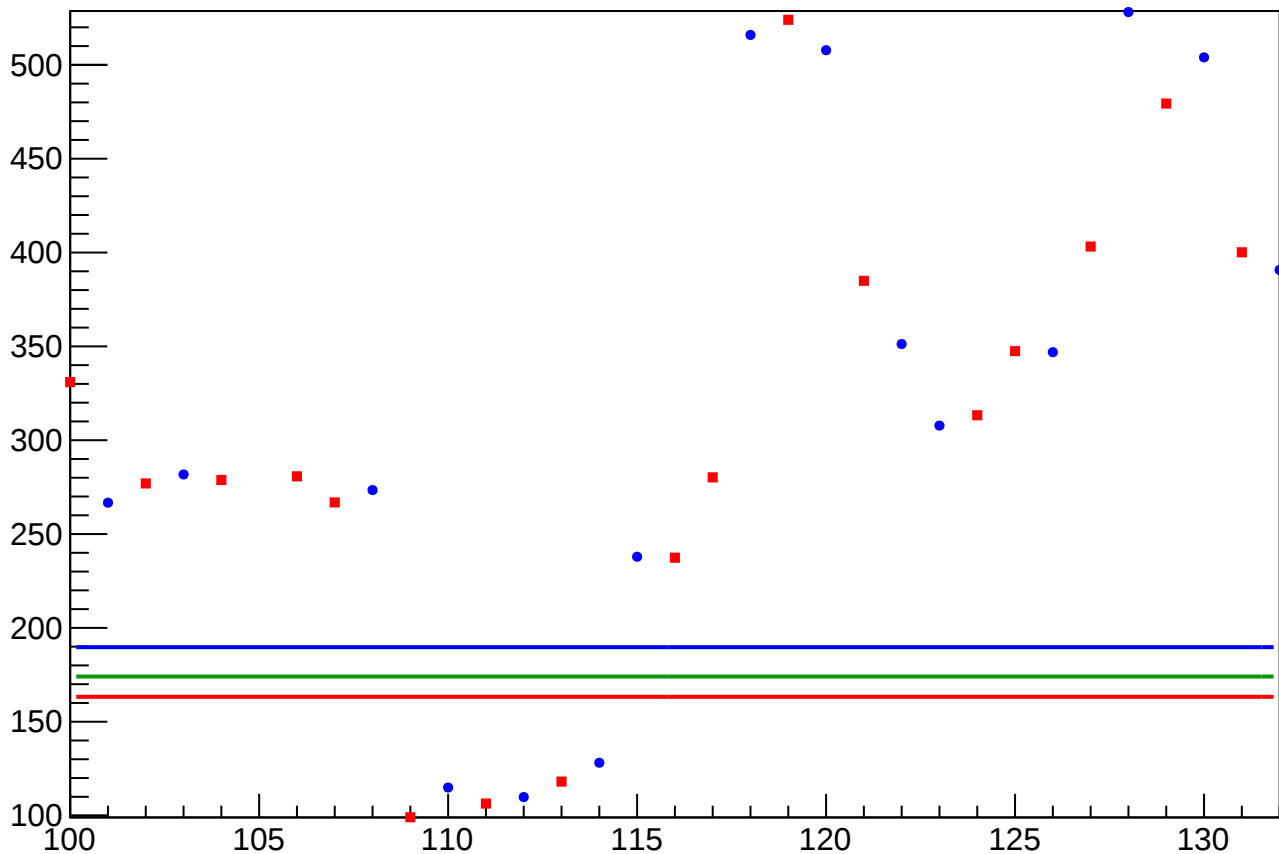
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-104.165+/-94.576 χ^2/NDF : 13.0/14

-152.934+/-60.463 χ^2/NDF : 27.9/31

-186.644+/-78.630 χ^2/NDF : 14.4/16

asym_sam8_rms vs Slug, Sign Corrected



Right In: 189.730+/-0.067 χ^2/NDF : 3090135.7/14

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

Right Out: 163.273+/-0.056 χ^2/NDF : 3351525.7/16

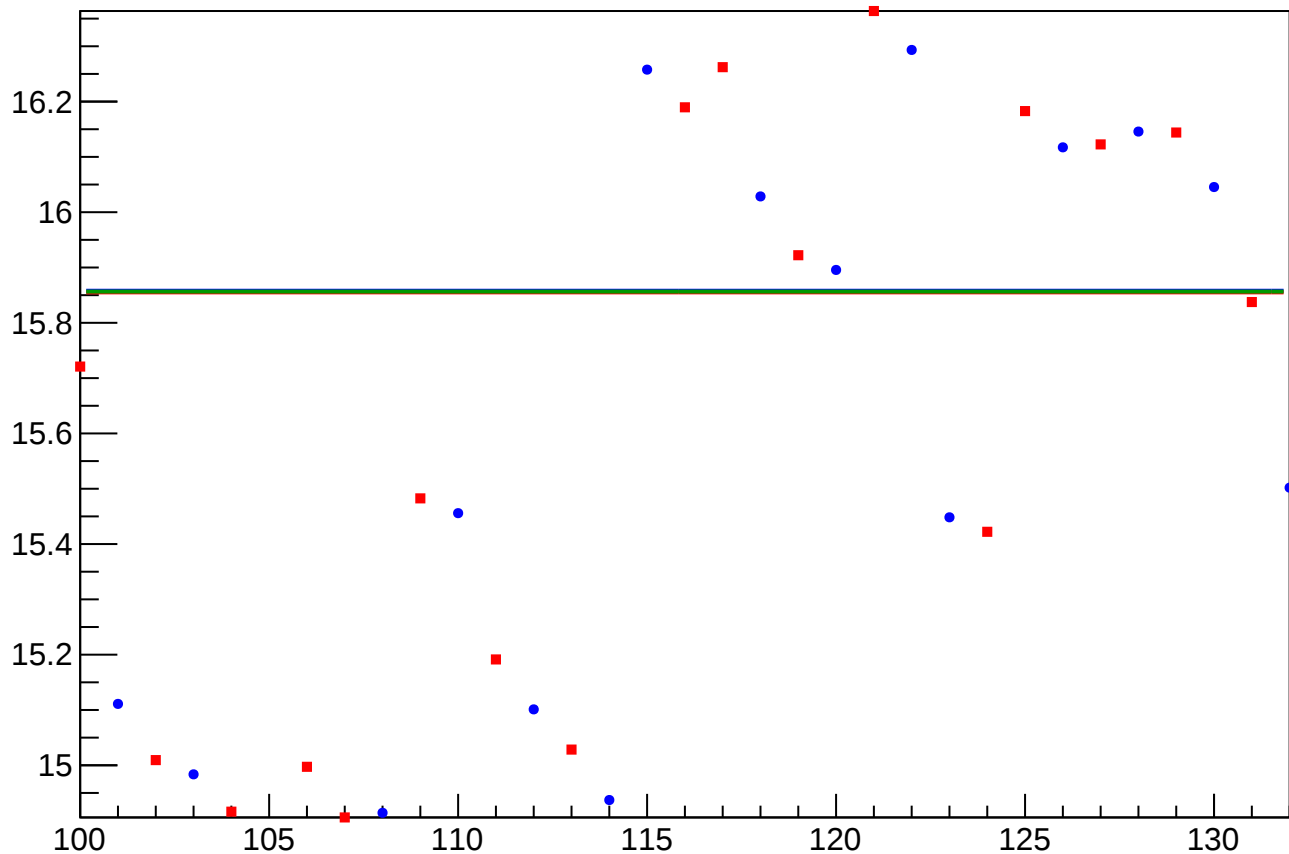
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.730+/-0.067 χ^2/NDF : 3090135.7/14

174.086+/-0.043 χ^2/NDF : 6534210.0/31

163.273+/-0.056 χ^2/NDF : 3351525.7/16

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.858+/-0.000 χ^2/NDF : 3782763483.9/14

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

Right Out: 15.855+/-0.000 χ^2/NDF : 4294825251.2/16

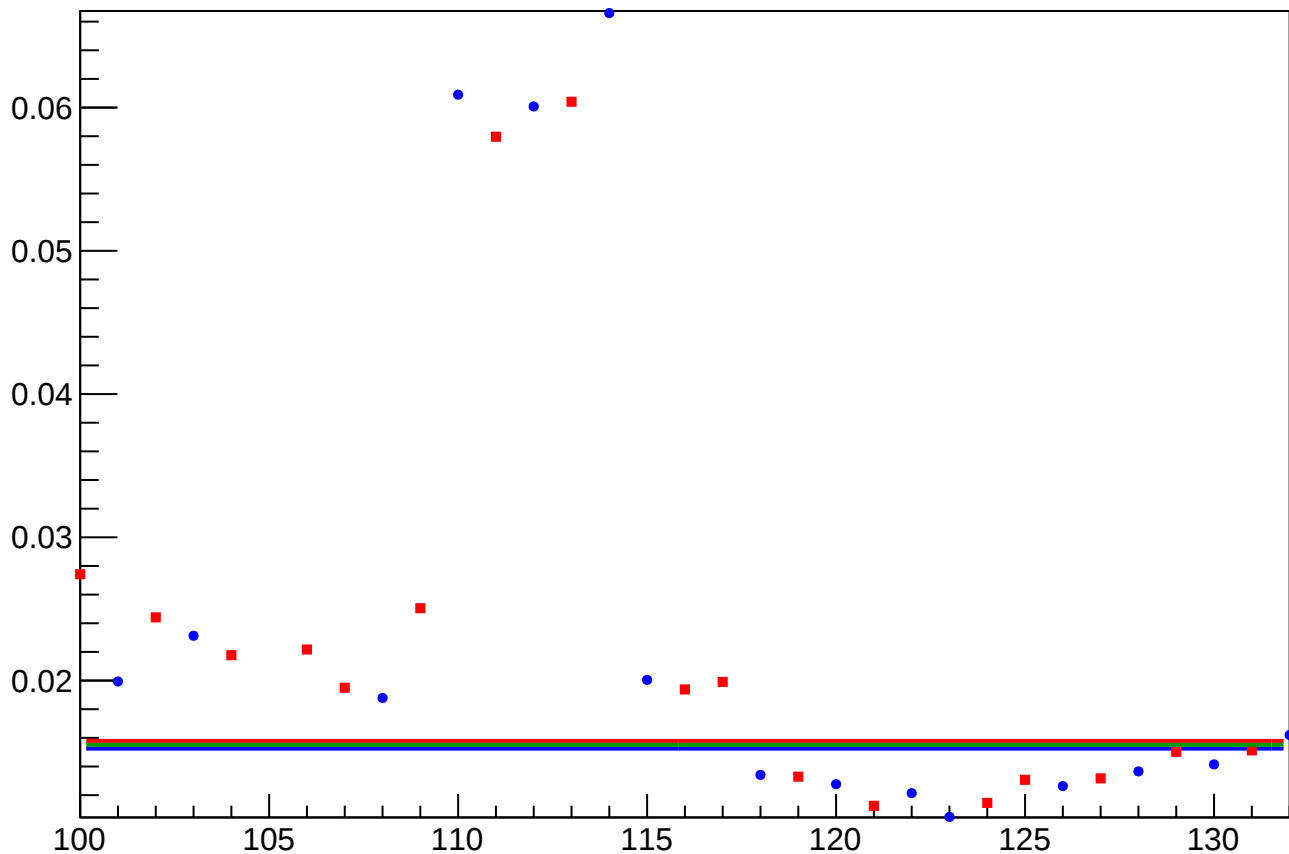
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.858+/-0.000 χ^2/NDF : 3782763483.9/14

15.857+/-0.000 χ^2/NDF : 8077671899.1/3

15.855+/-0.000 χ^2/NDF : 4294825251.2/16

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1360672.4/14

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1547655.2/16

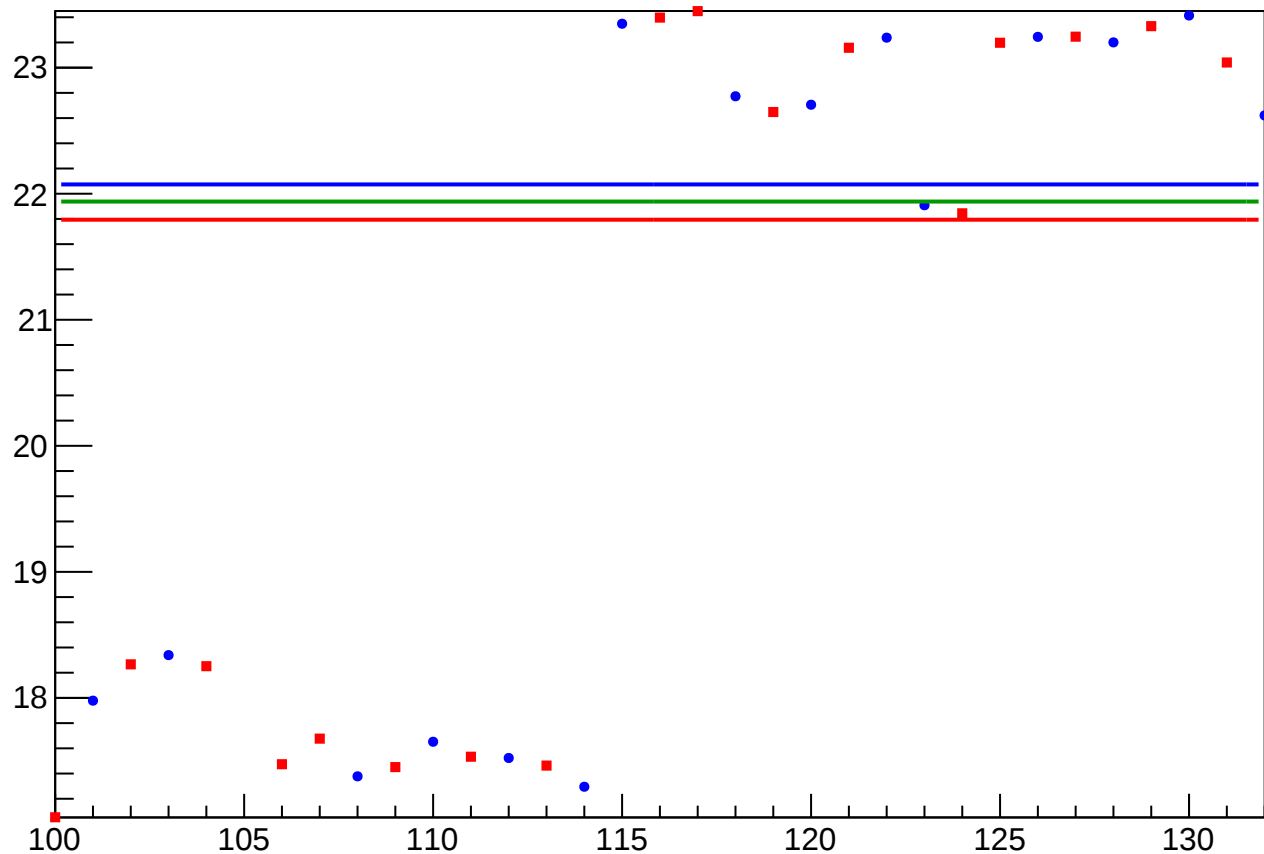
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1360672.4/14

0.016+/-0.000 χ^2/NDF : 2913931.9/31

0.016+/-0.000 χ^2/NDF : 1547655.2/16

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.074+/-0.000 χ^2/NDF : 904959864.7/14

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

Right Out: 21.794+/-0.000 χ^2/NDF : 1034834143.8/16

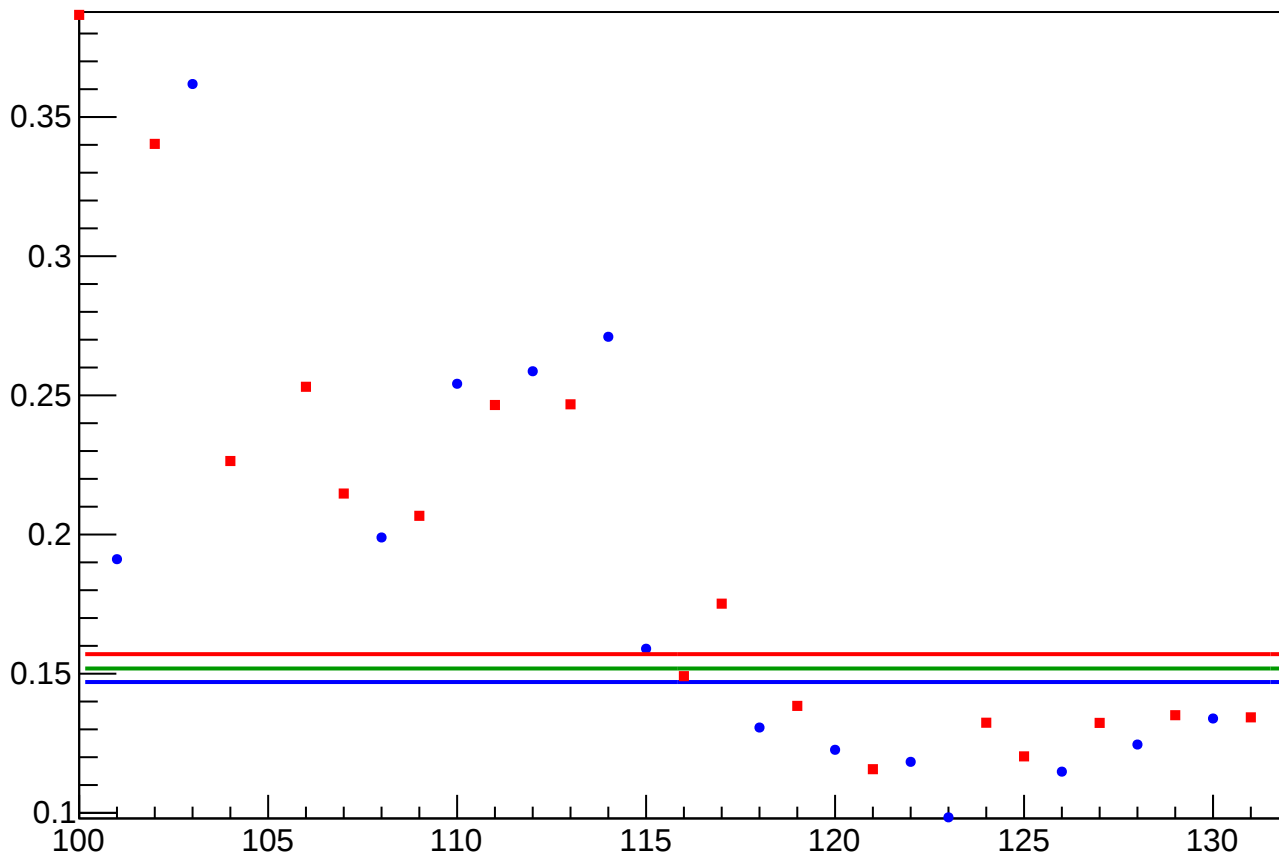
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.074+/-0.000 χ^2/NDF : 904959864.7/14

21.938+/-0.000 χ^2/NDF : 1947680757.1/3

21.794+/-0.000 χ^2/NDF : 1034834143.8/16

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.147+/-0.000 χ^2/NDF : 992168.1/14

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

Right Out: 0.157+/-0.000 χ^2/NDF : 1029137.9/16

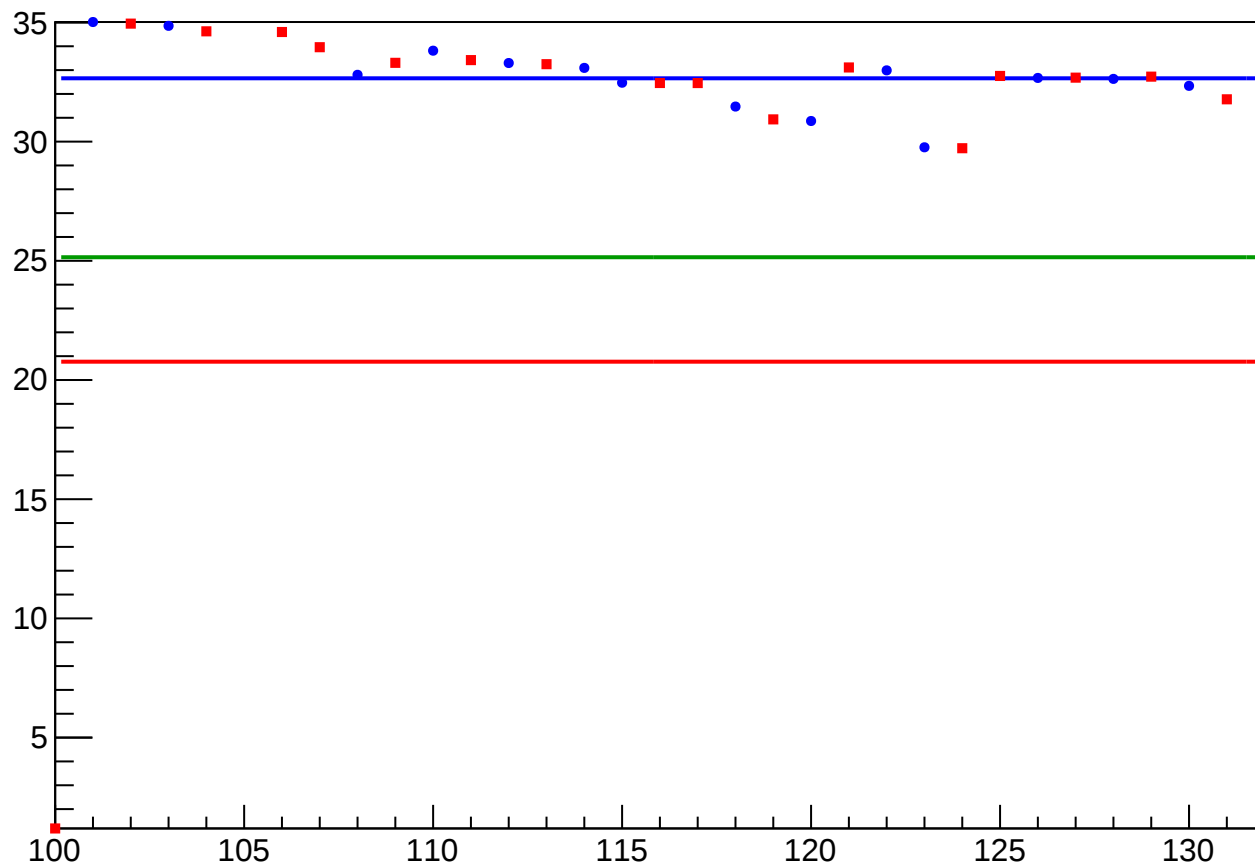
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.147+/-0.000 χ^2/NDF : 992168.1/14

0.152+/-0.000 χ^2/NDF : 2041509.7/31

0.157+/-0.000 χ^2/NDF : 1029137.9/16

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.656+/-0.000 χ^2/NDF : 549196940.3/14

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

Right Out: 20.769+/-0.000 χ^2/NDF : 220982717529.1/16

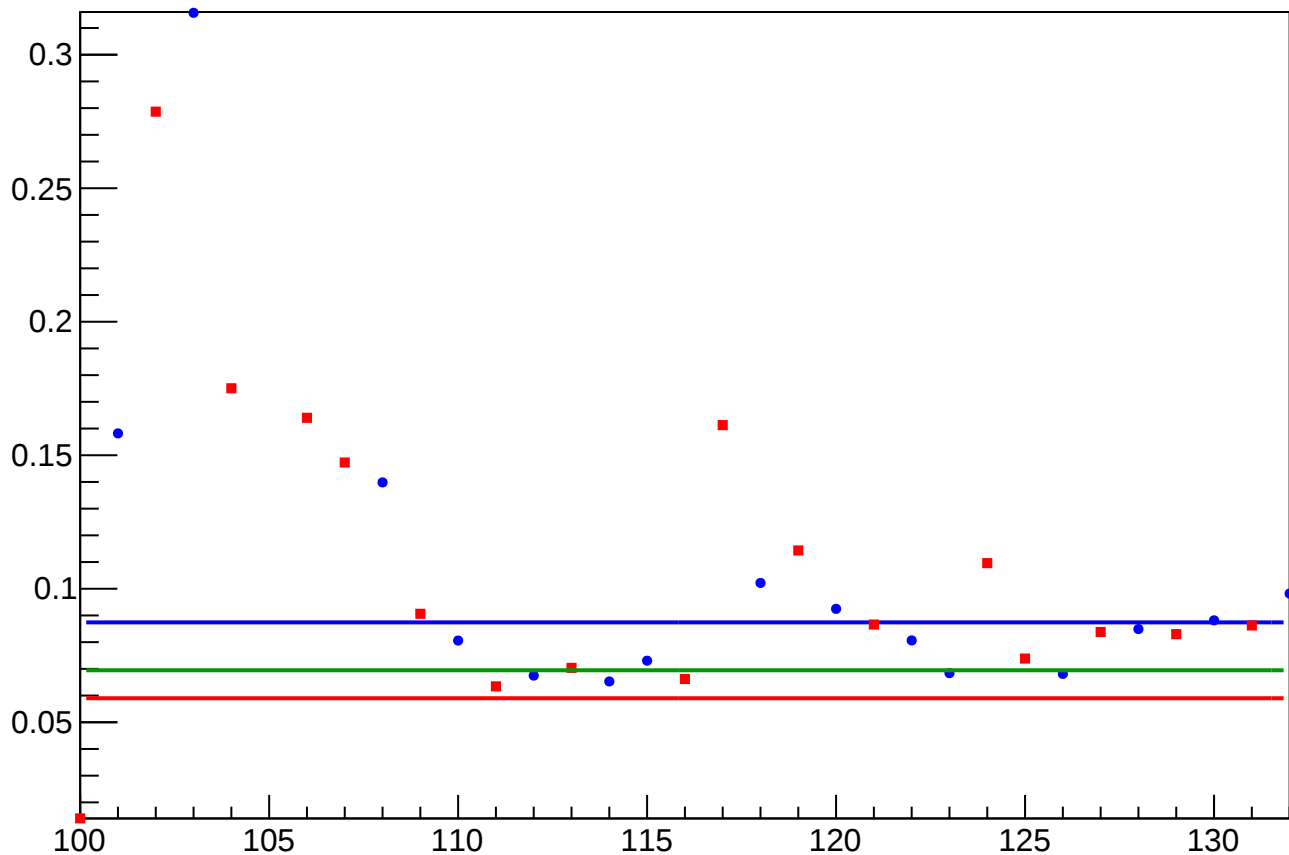
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.656+/-0.000 χ^2/NDF : 549196940.3/14

25.150+/-0.000 χ^2/NDF : 270076462690.8

20.769+/-0.000 χ^2/NDF : 220982717529.1/16

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 1050427.7/14

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

Right Out: 0.059+/-0.000 χ^2/NDF : 3453492.4/16

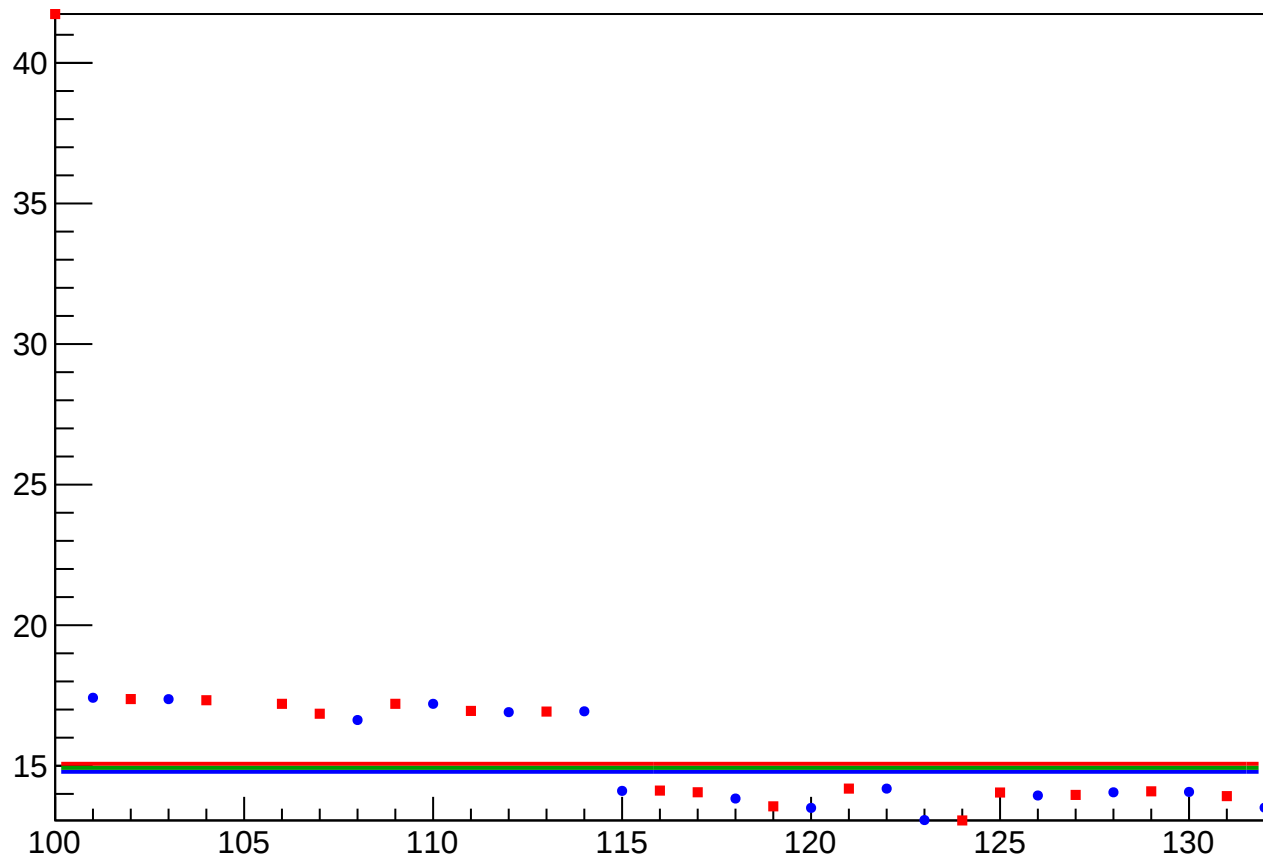
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 1050427.7/14

0.069+/-0.000 χ^2/NDF : 5058231.4/31

0.059+/-0.000 χ^2/NDF : 3453492.4/16

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.787+/-0.000 χ^2 /NDF: 1323678362.3/14

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

Right Out: 15.070+/-0.000 χ^2 /NDF: 1672505421.8/16

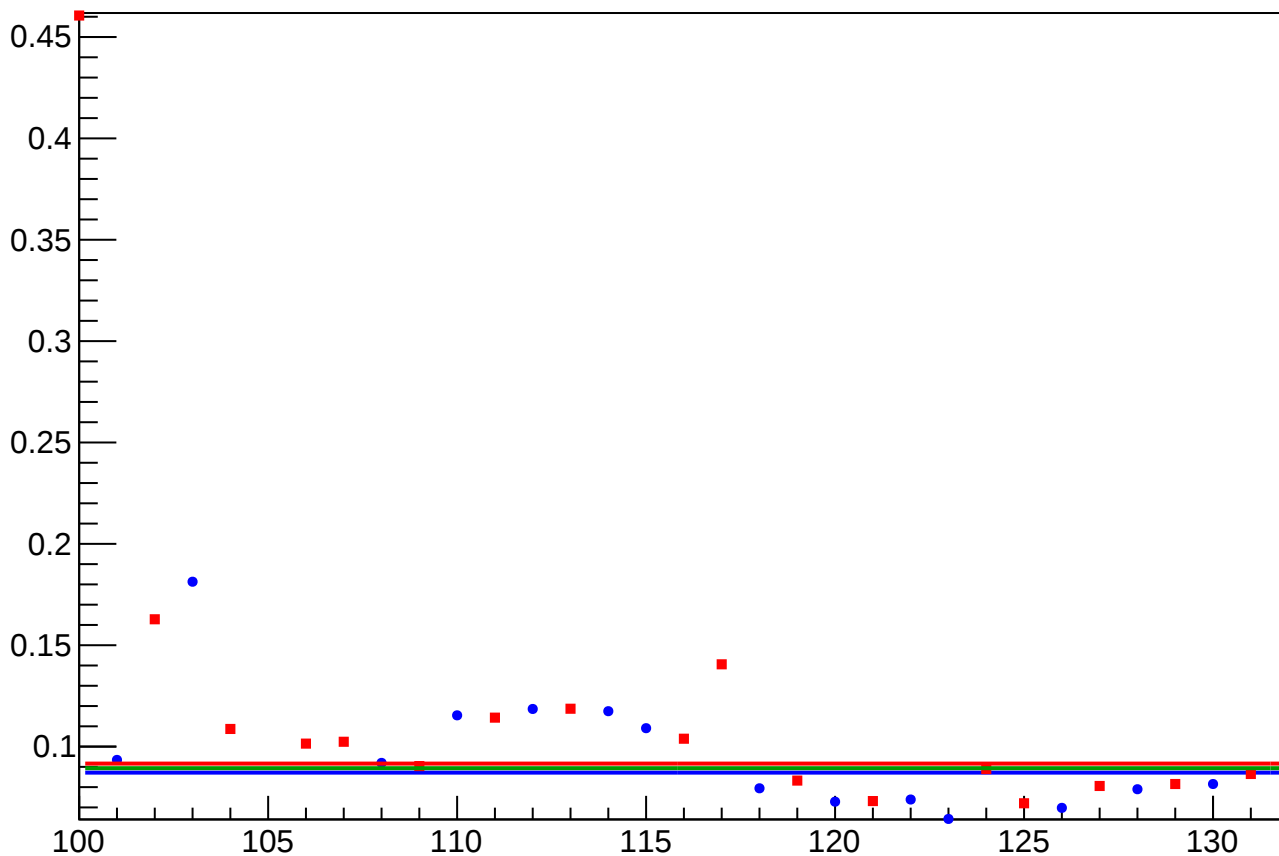
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.787+/-0.000 χ^2 /NDF: 1323678362.3/14

14.926+/-0.000 χ^2 /NDF: 3020816225.3/3

15.070+/-0.000 χ^2 /NDF: 1672505421.8/16

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 547173.9/14

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

Right Out: 0.092+/-0.000 χ^2/NDF : 528409.9/16

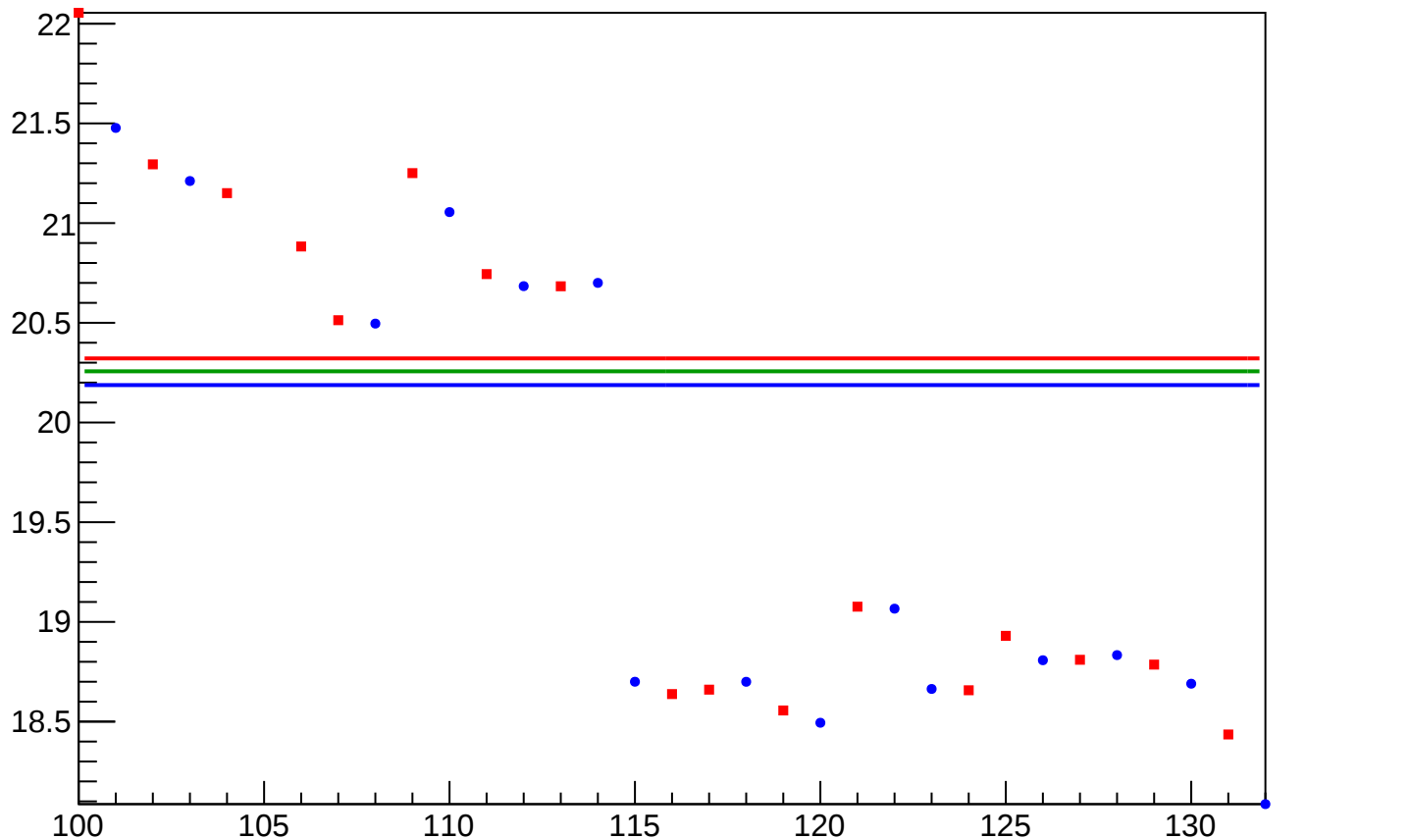
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 547173.9/14

0.089+/-0.000 χ^2/NDF : 1087767.6/31

0.092+/-0.000 χ^2/NDF : 528409.9/16

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.188+/-0.000 χ^2/NDF : 6841844982.5/14

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

Right Out: 20.321+/-0.000 χ^2/NDF : 6116840396.8/16

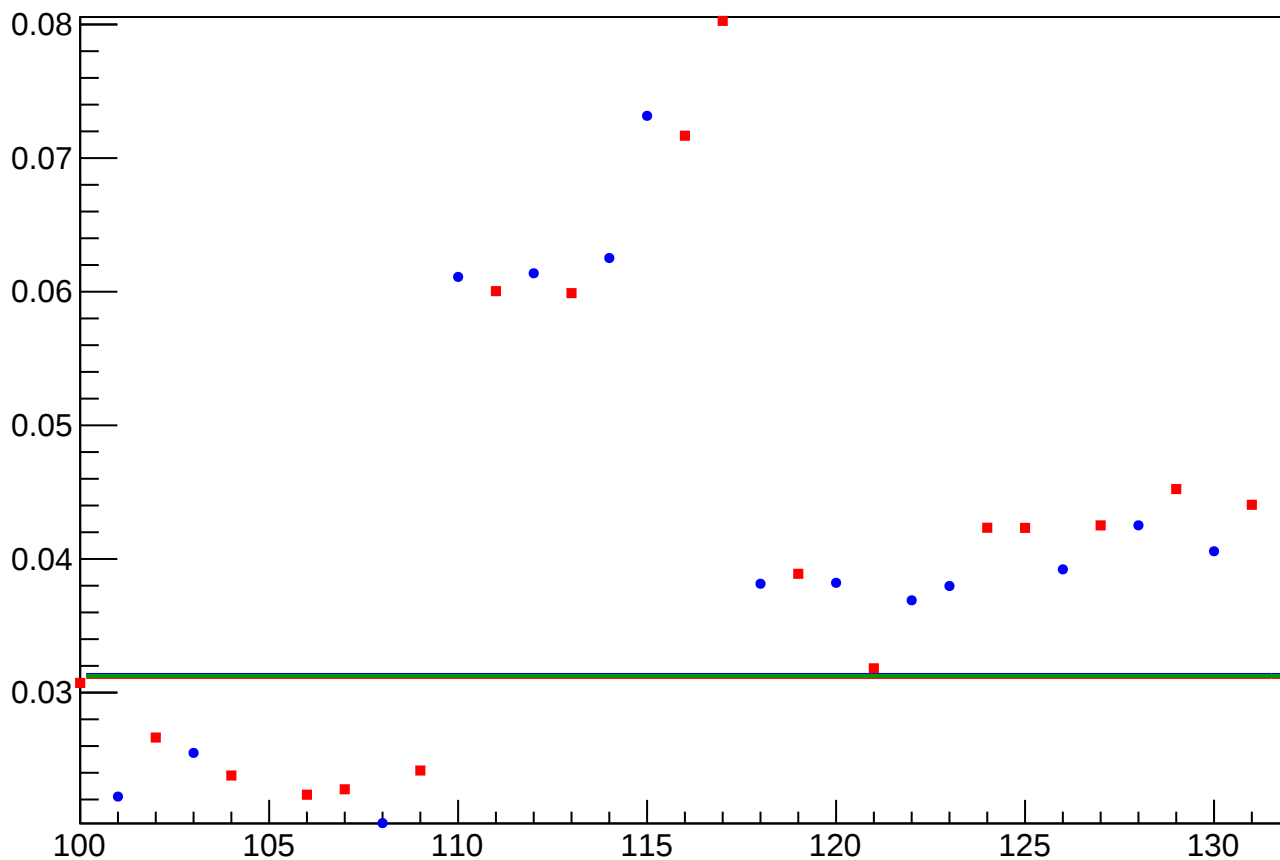
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.188+/-0.000 χ^2/NDF : 6841844982.5/14

20.257+/-0.000 χ^2/NDF : 13002564501.8/16

20.321+/-0.000 χ^2/NDF : 6116840396.8/16

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 1256438.5/14

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

Right Out: 0.031+/-0.000 χ^2/NDF : 1197734.2/16

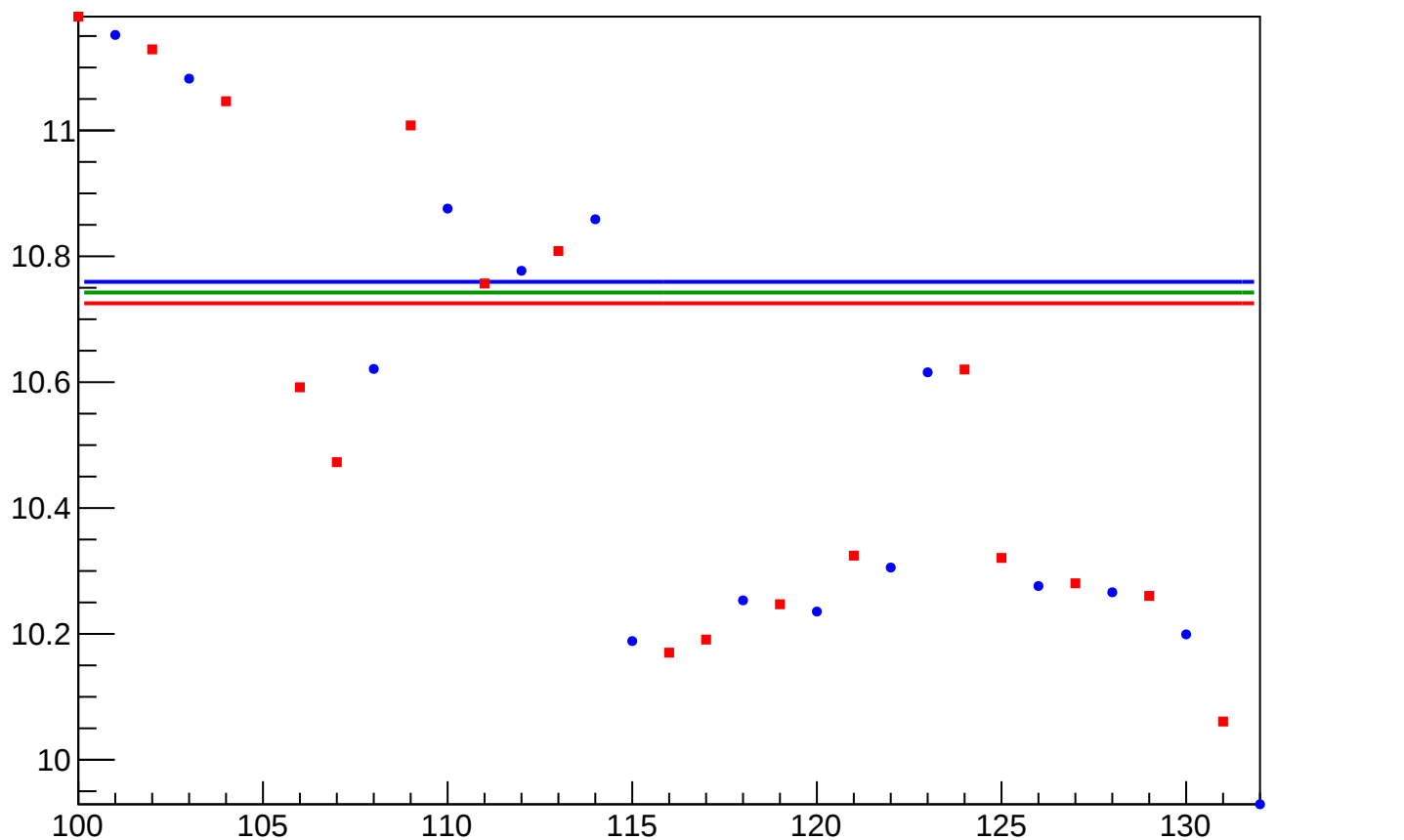
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 1256438.5/14

0.031+/-0.000 χ^2/NDF : 2454280.5/31

0.031+/-0.000 χ^2/NDF : 1197734.2/16

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.759+/-0.000 χ^2/NDF : 3327213982.7/14

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

Right Out: 10.725+/-0.000 χ^2/NDF : 2588234597.7/16

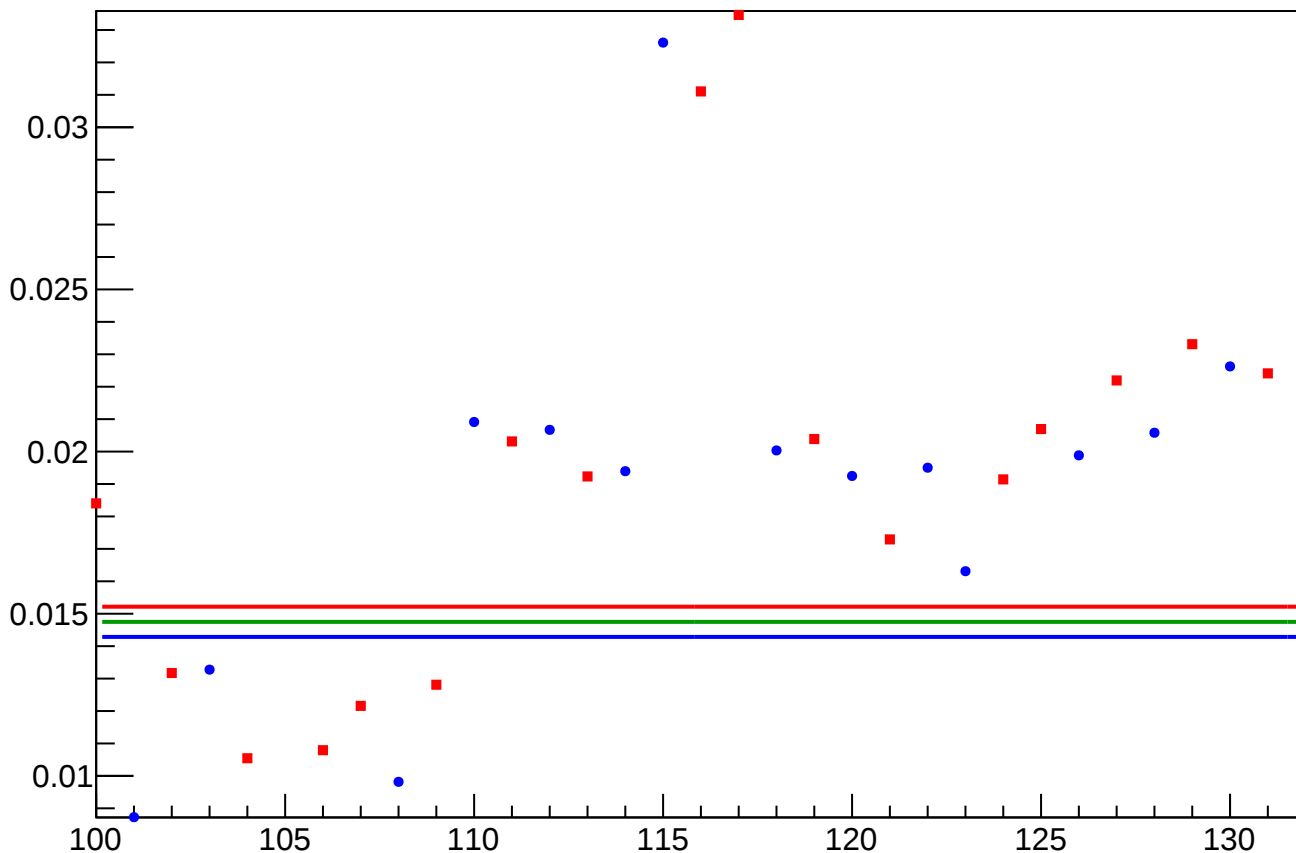
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.759+/-0.000 χ^2/NDF : 3327213982.7/14

10.742+/-0.000 χ^2/NDF : 5928123442.2/3

10.725+/-0.000 χ^2/NDF : 2588234597.7/16

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1379169.5/14

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

Right Out: 0.015+/-0.000 χ^2/NDF : 953377.5/16

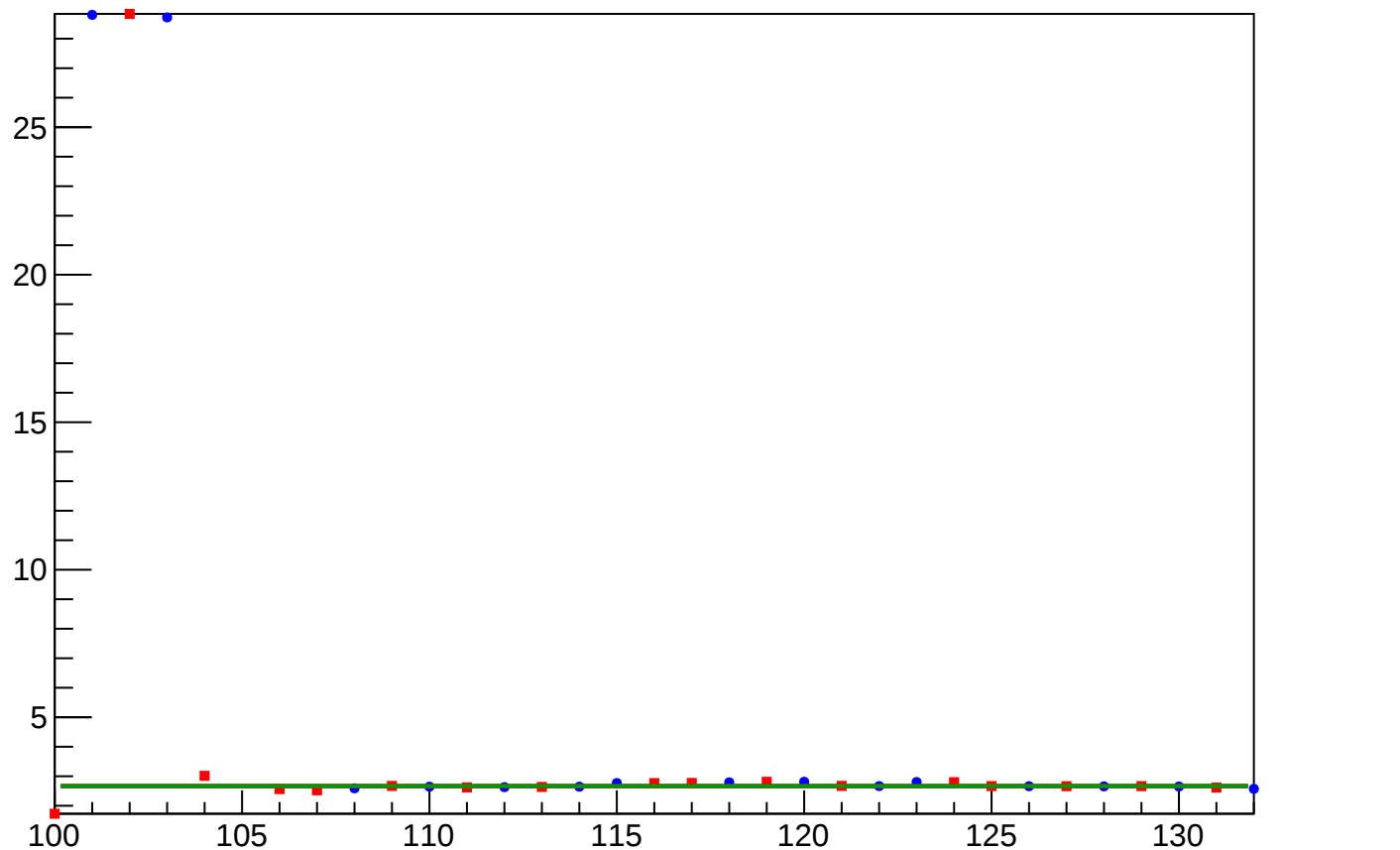
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1379169.5/14

0.015+/-0.000 χ^2/NDF : 2351429.6/31

0.015+/-0.000 χ^2/NDF : 953377.5/16

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.666+/-0.000 χ^2/NDF : 162663233130.7/14

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

Right Out: 2.667+/-0.000 χ^2/NDF : 69833343823.1/16

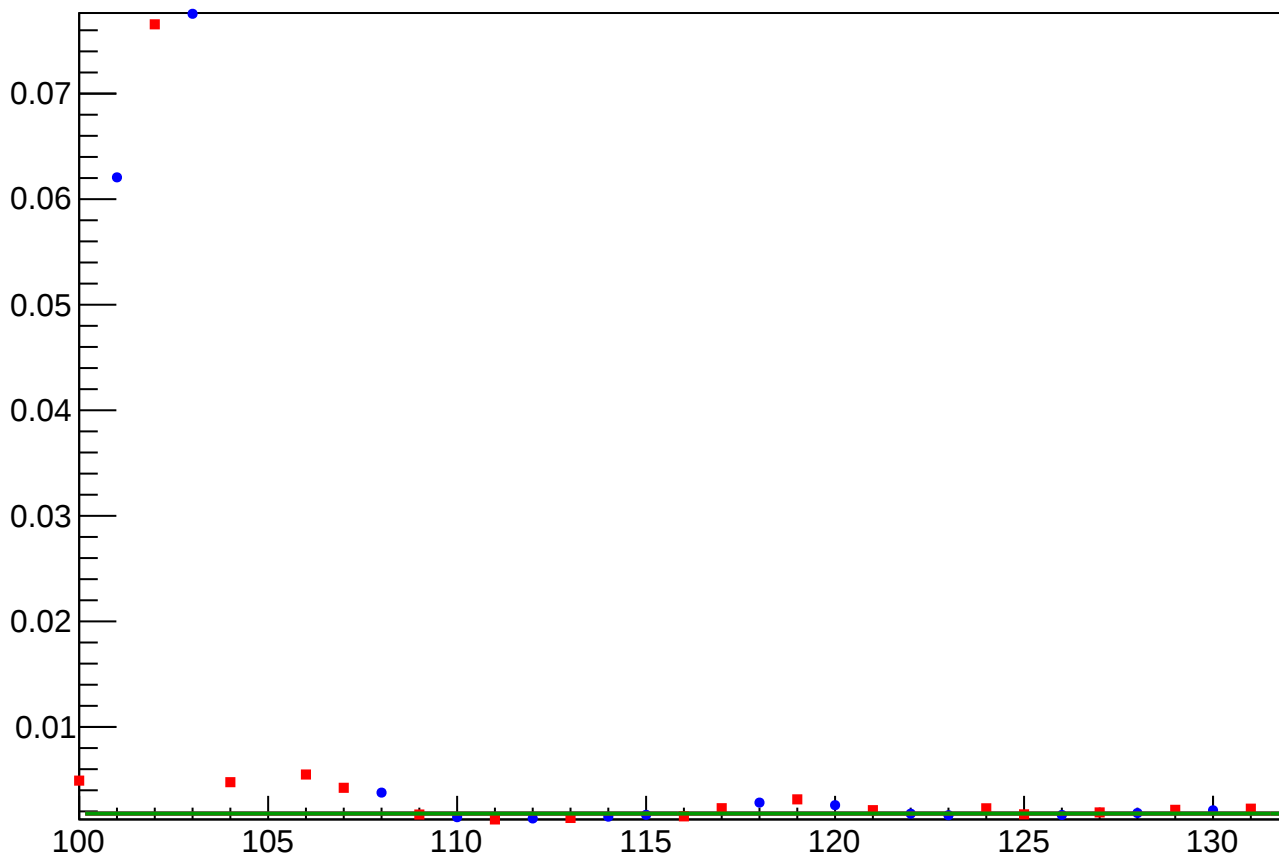
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.666+/-0.000 χ^2/NDF : 162663233130.7/14

2.667+/-0.000 χ^2/NDF : 232496661362.2/16

2.667+/-0.000 χ^2/NDF : 69833343823.1/16

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2641828.3/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2196425.3/16

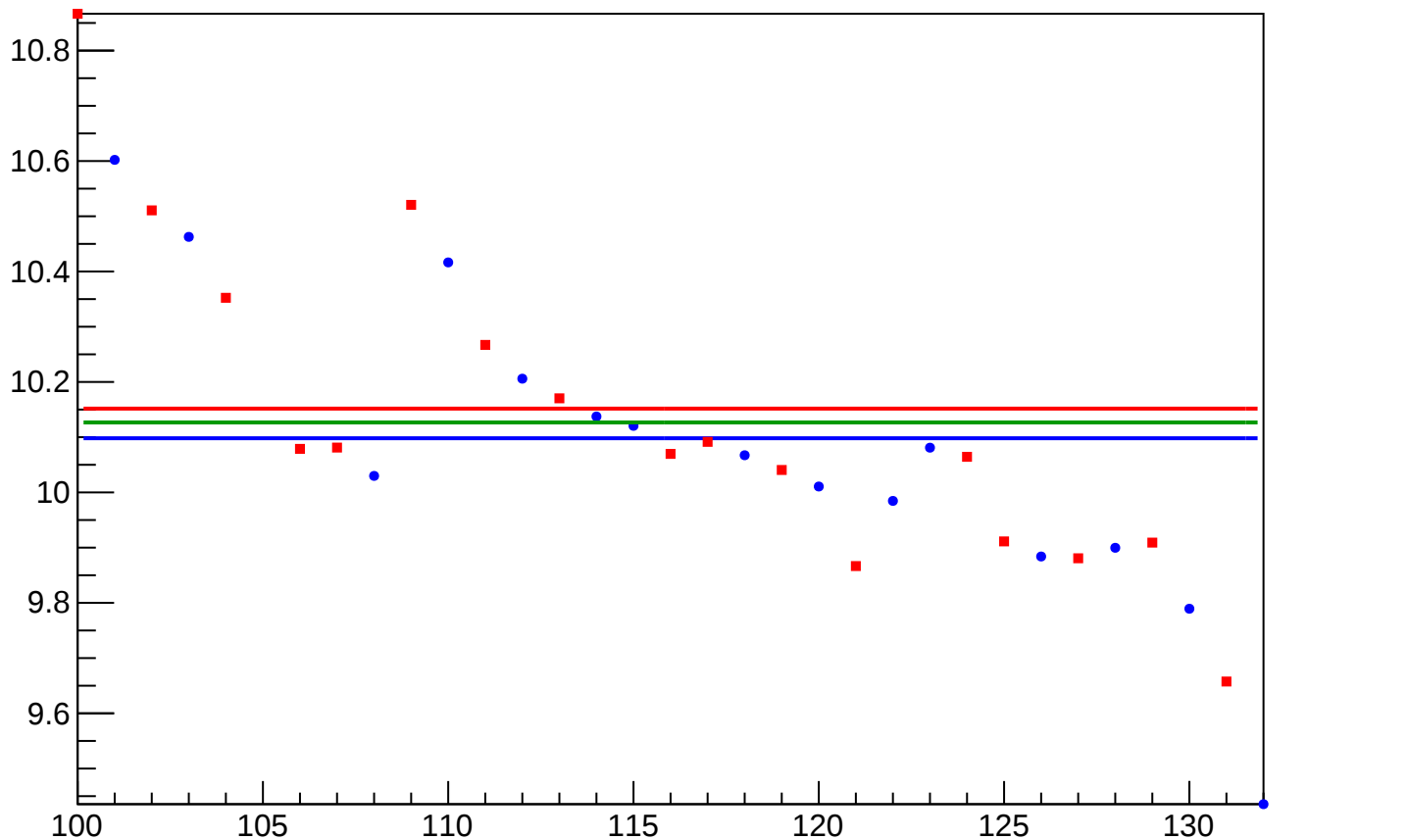
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2641828.3/14

0.002+/-0.000 χ^2/NDF : 4838269.2/31

0.002+/-0.000 χ^2/NDF : 2196425.3/16

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.098+/-0.000 χ^2/NDF : 8976553133.4/14

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

Right Out: 10.152+/-0.000 χ^2/NDF : 7664042937.2/16

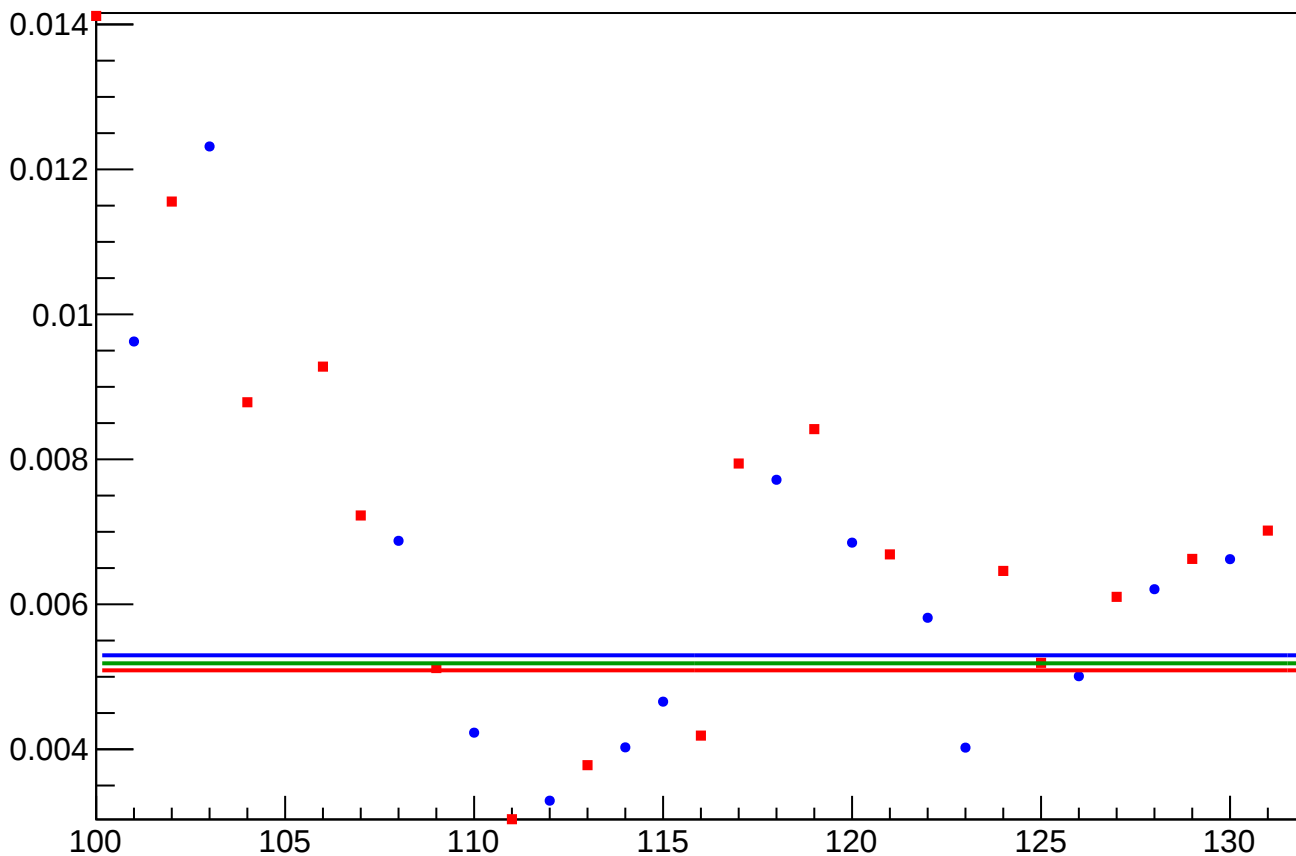
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.098+/-0.000 χ^2/NDF : 8976553133.4/14

10.127+/-0.000 χ^2/NDF : 16871816875.4/14

10.152+/-0.000 χ^2/NDF : 7664042937.2/16

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1209212.3/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1475756.5/16

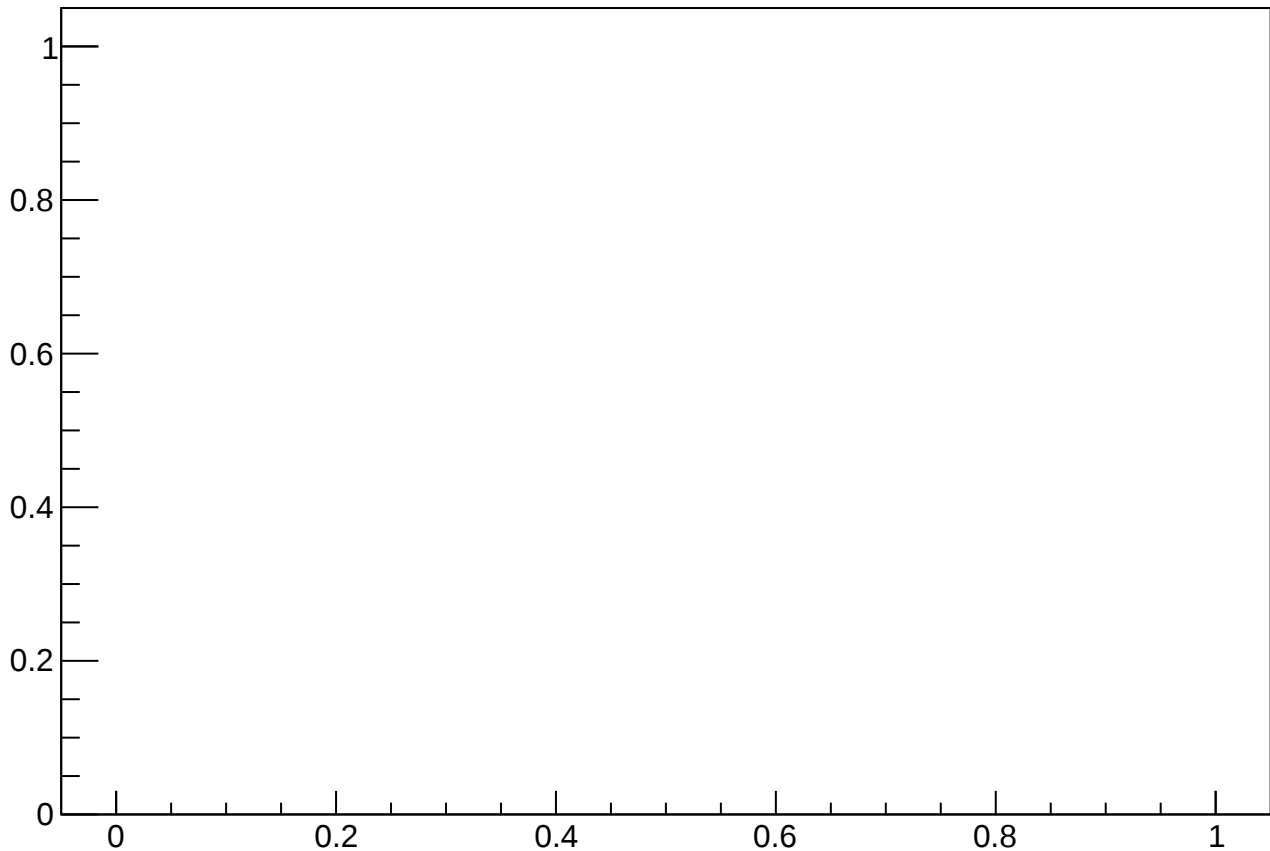
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1209212.3/14

0.005+/-0.000 χ^2/NDF : 2691877.5/31

0.005+/-0.000 χ^2/NDF : 1475756.5/16

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

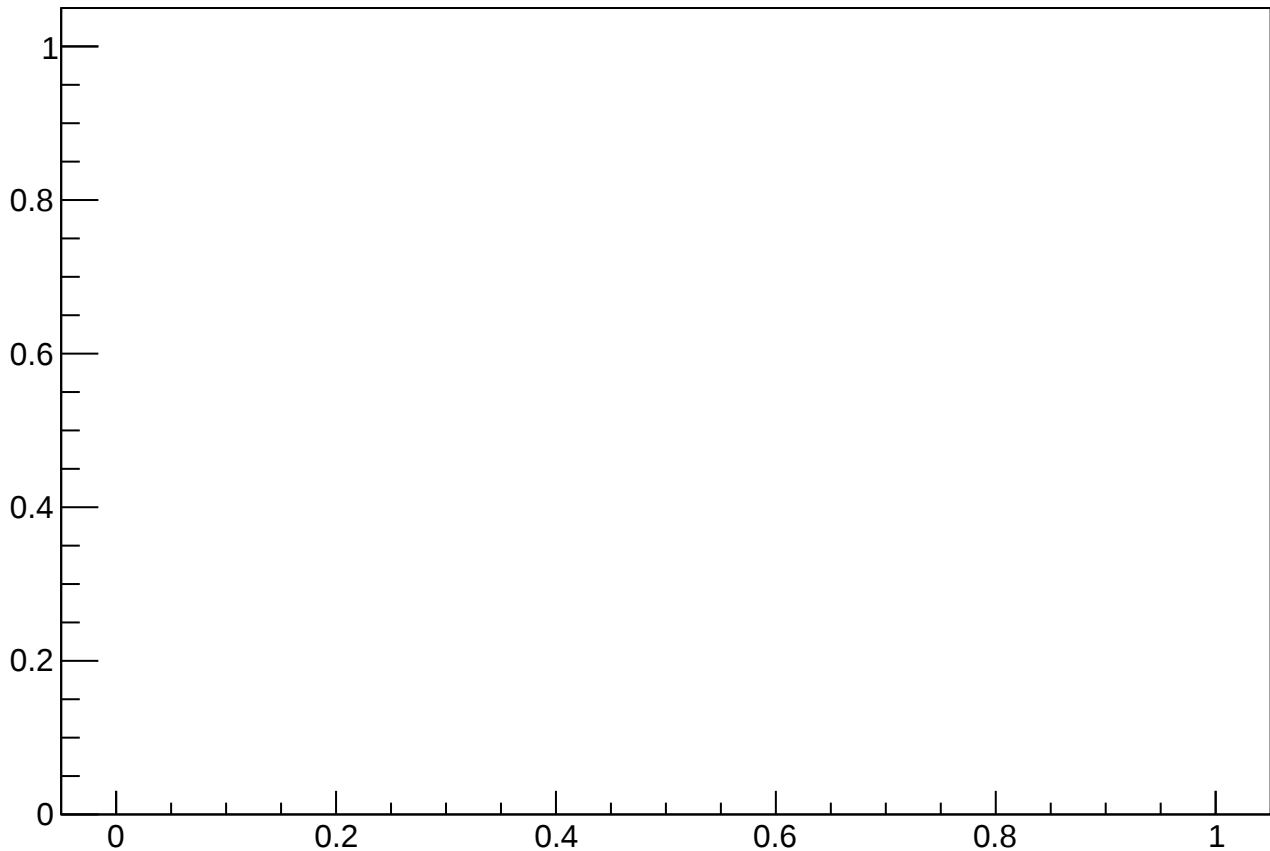
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

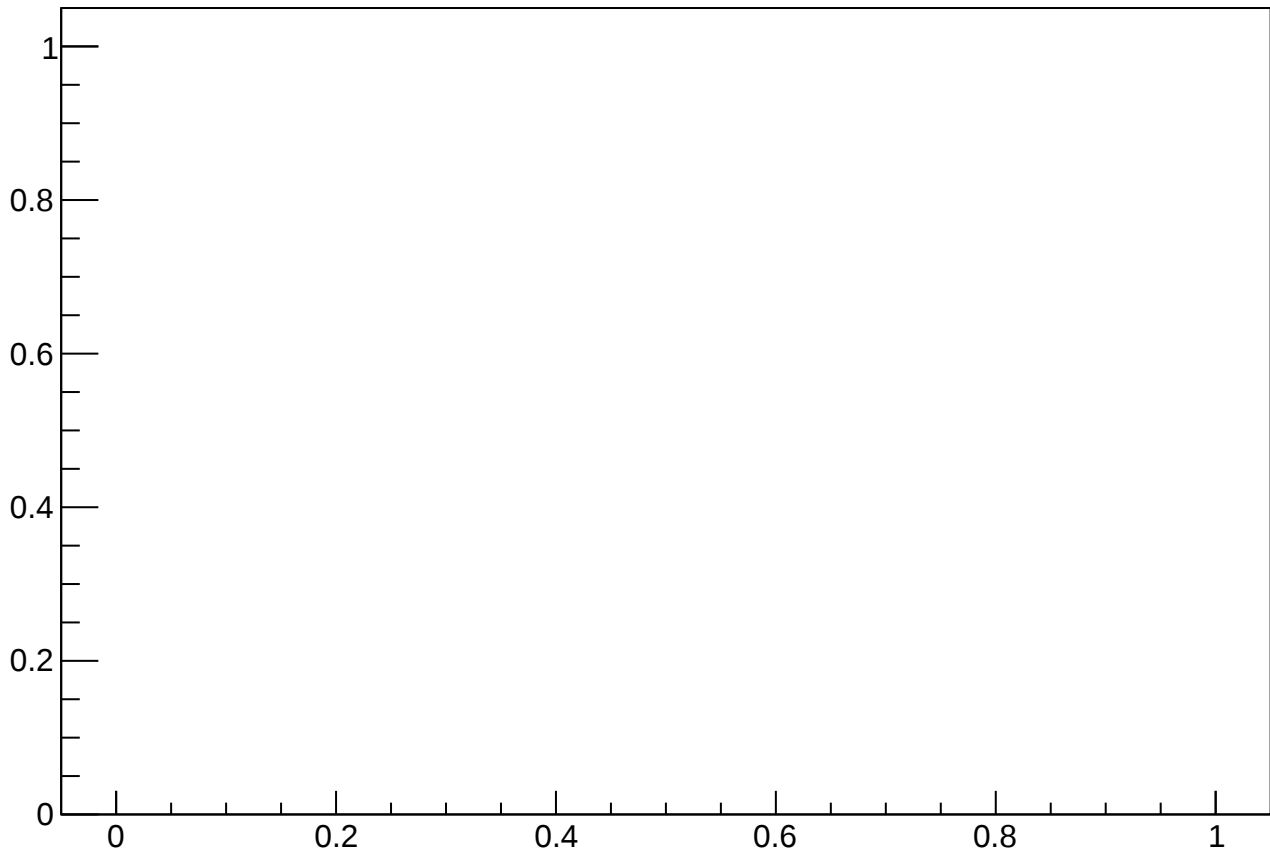
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

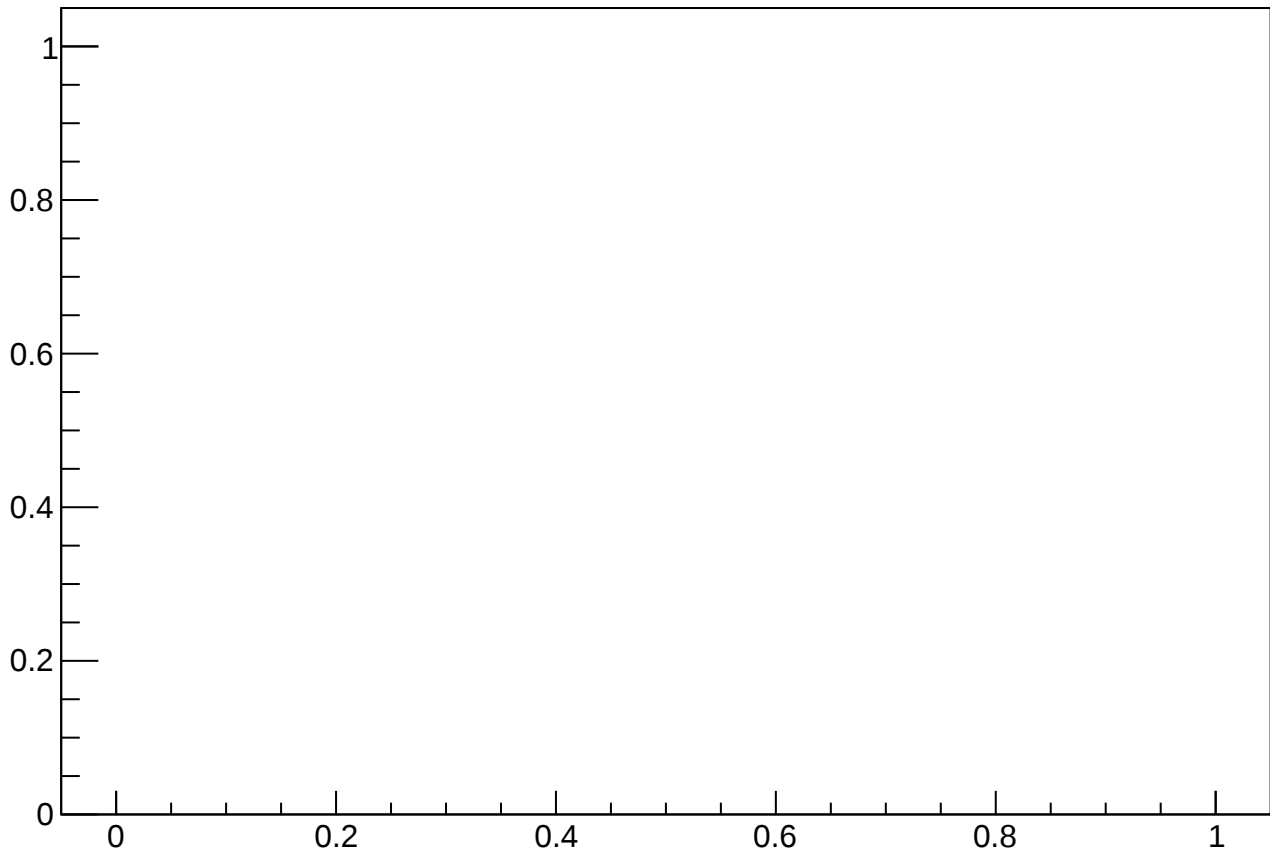
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

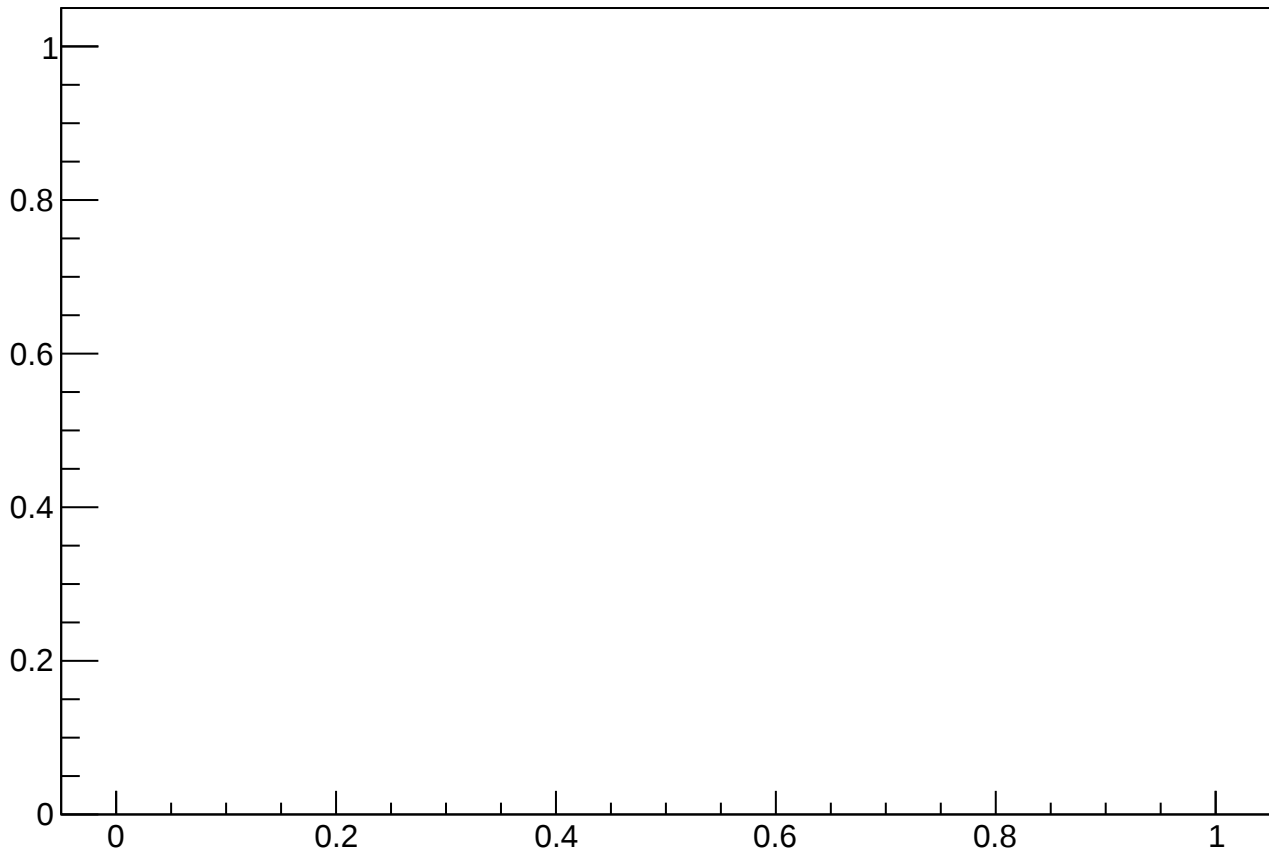
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

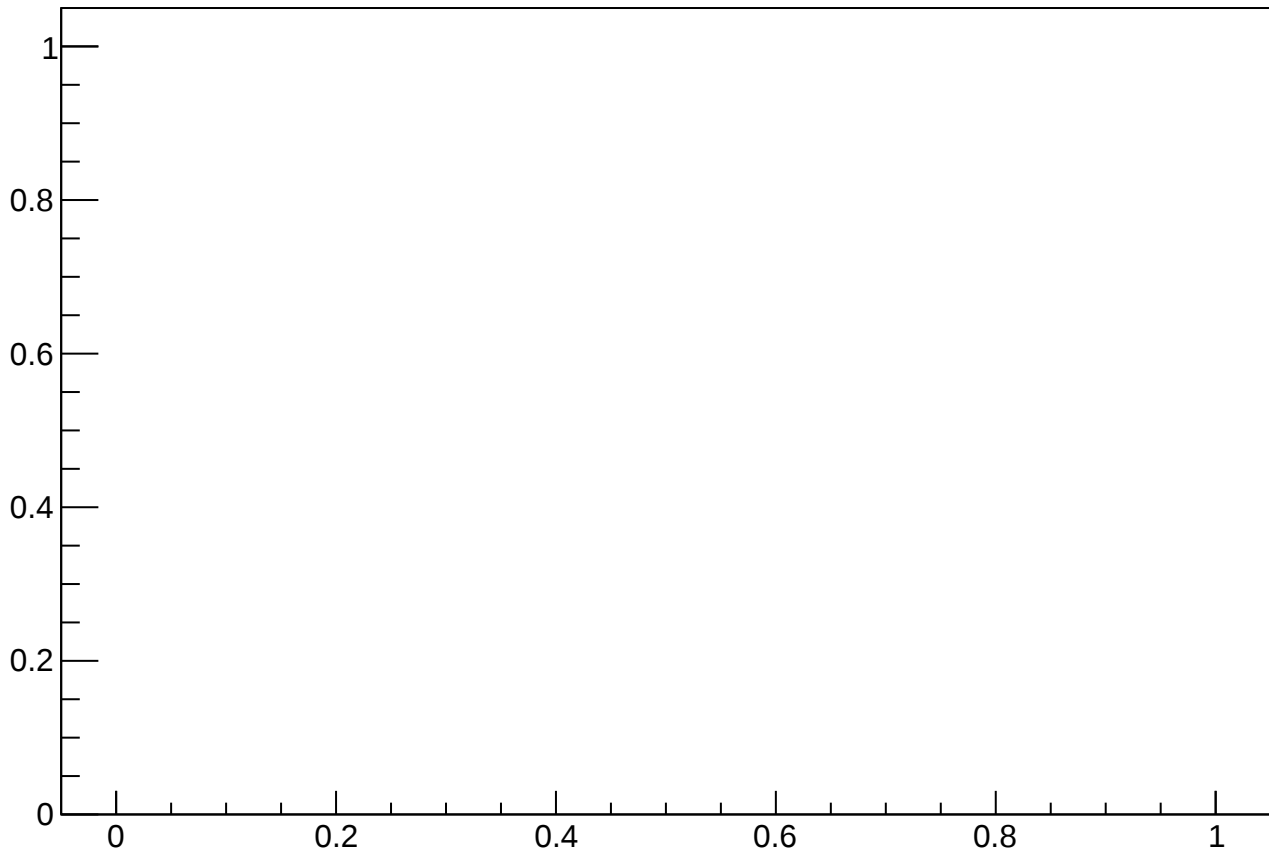
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

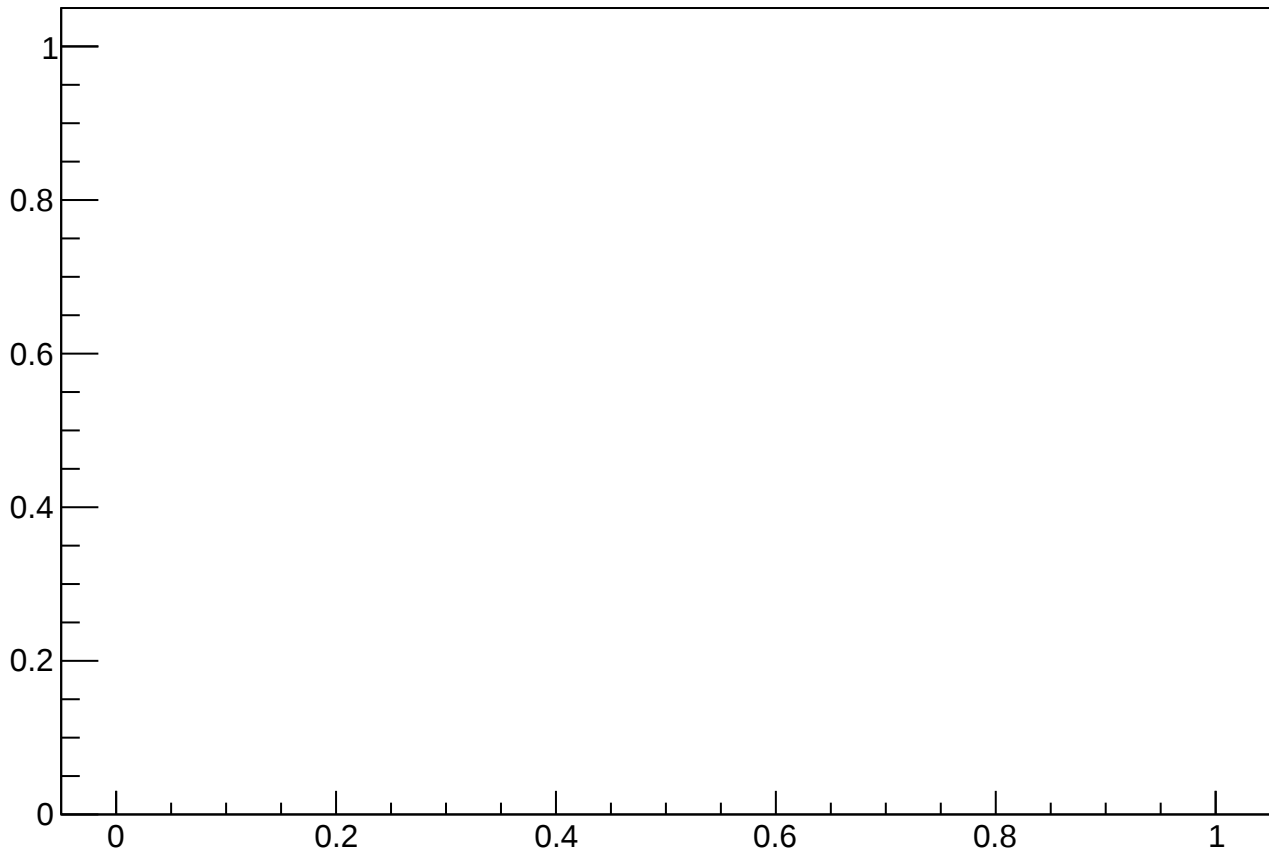
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

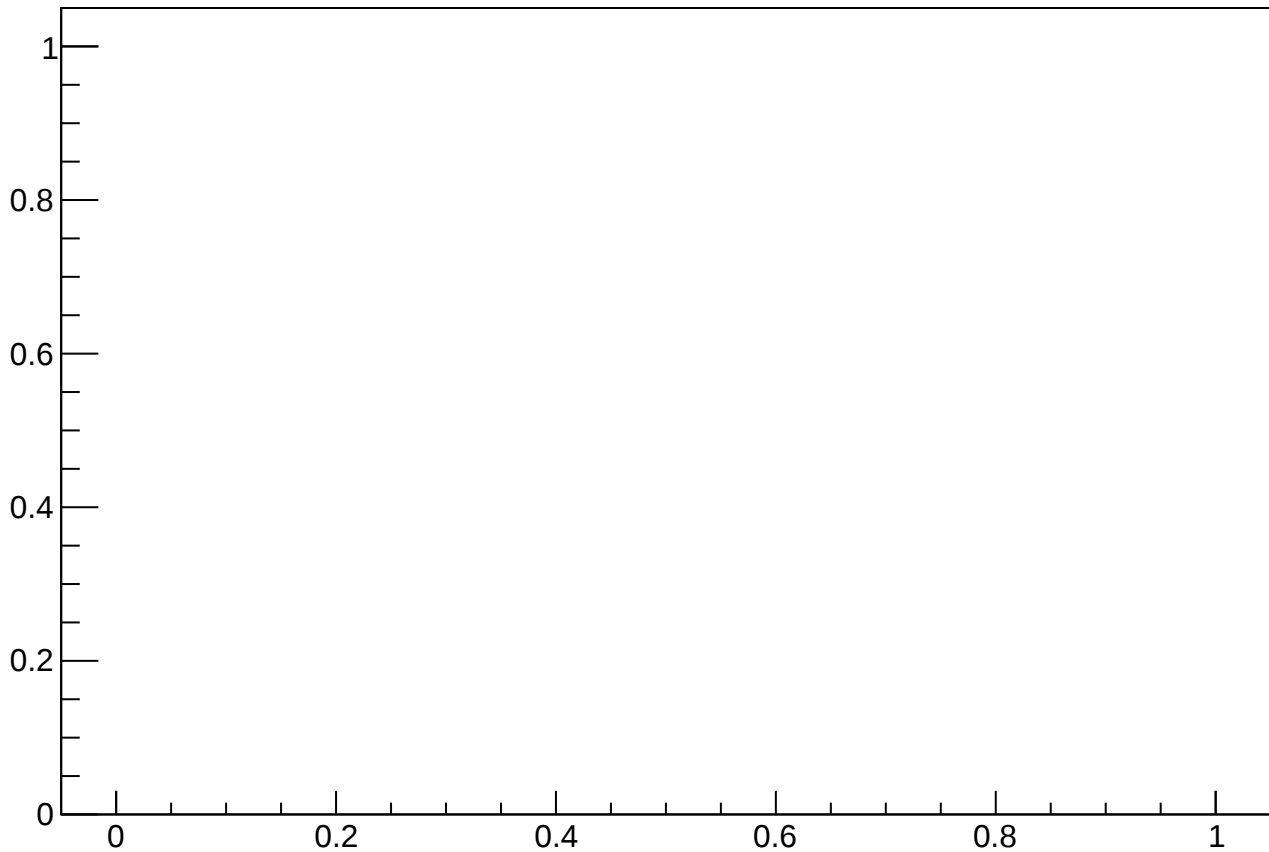
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

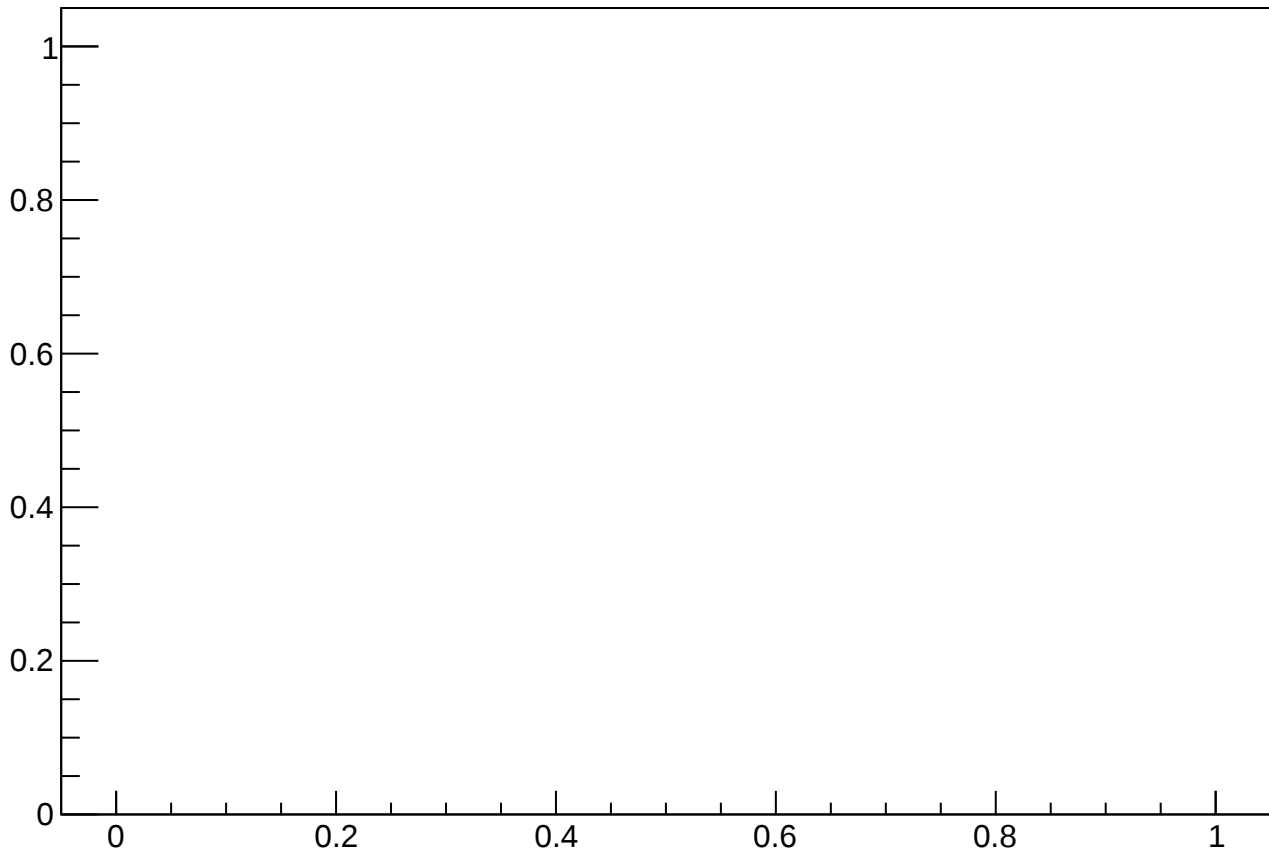
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

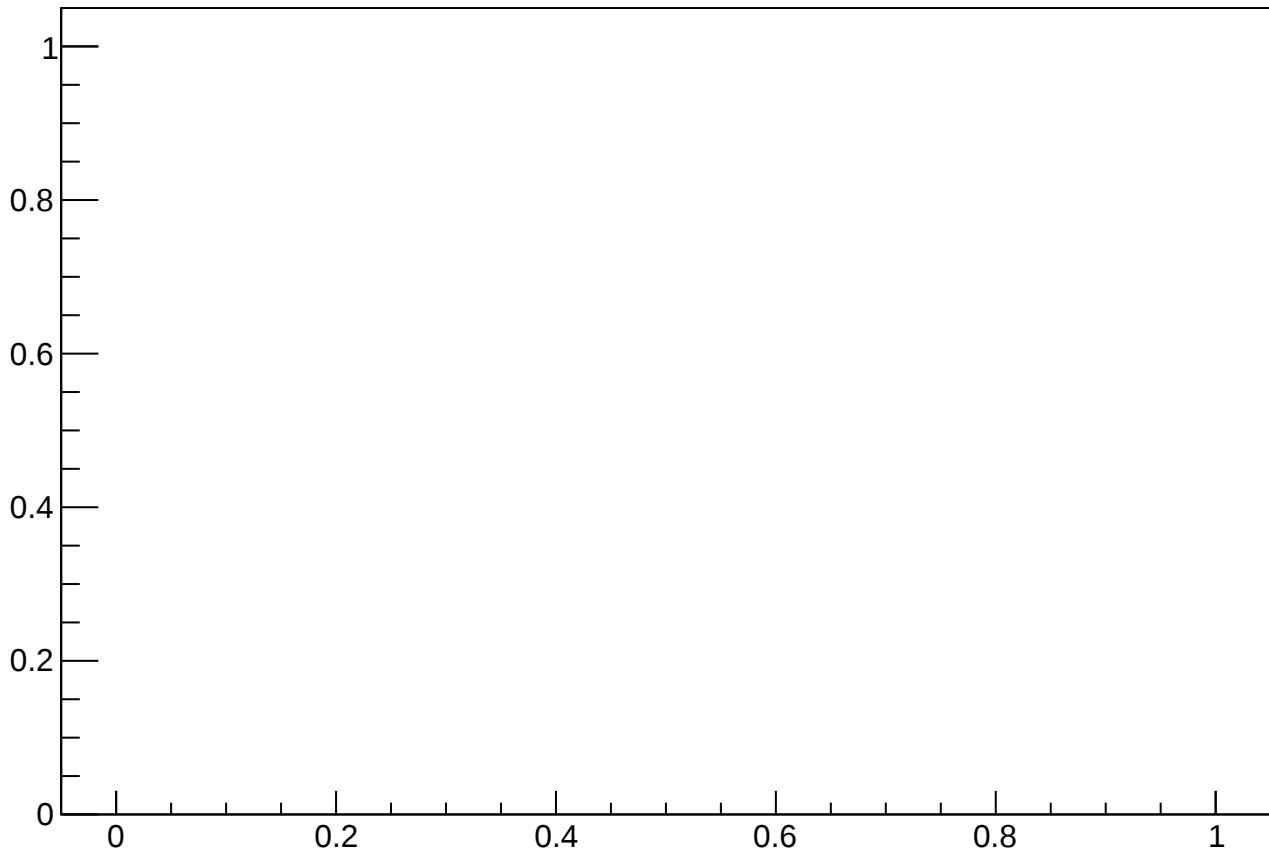
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

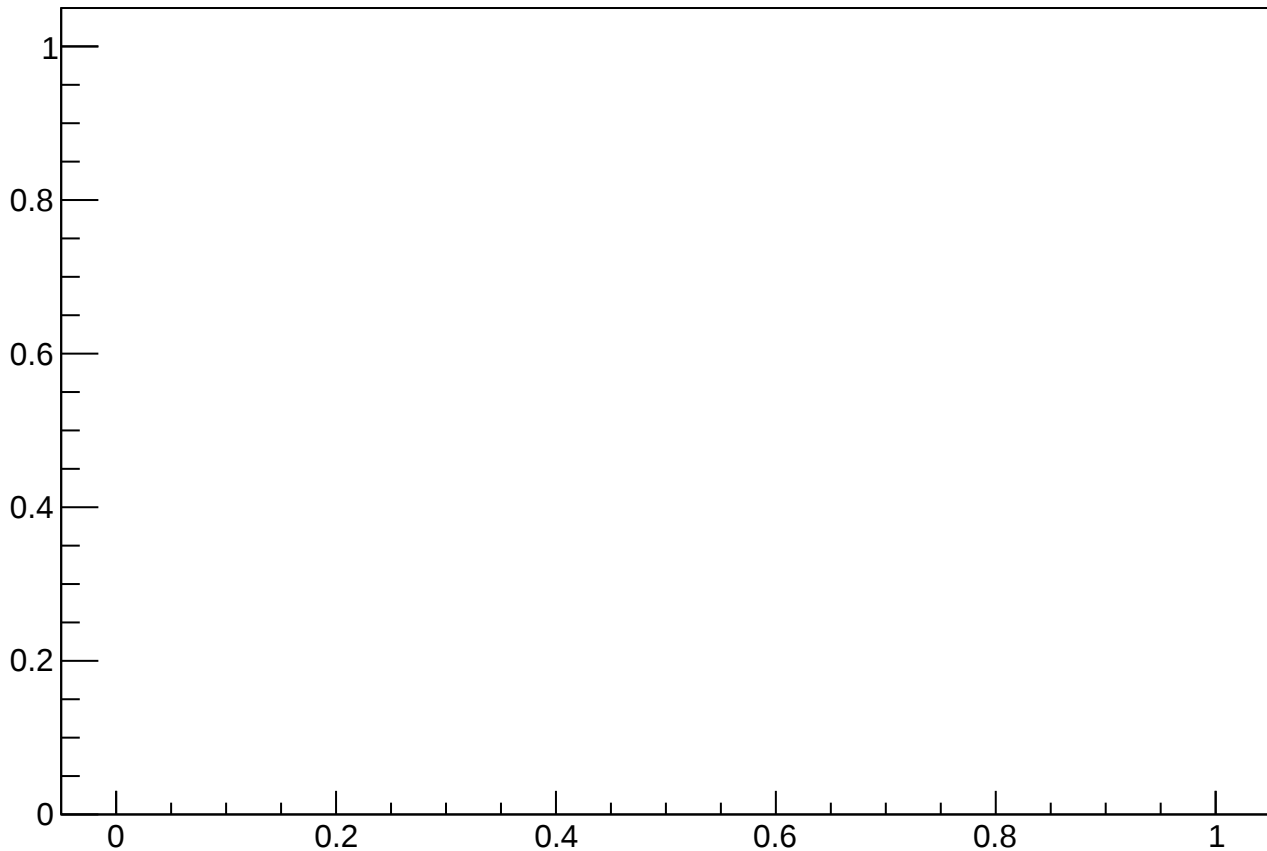
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

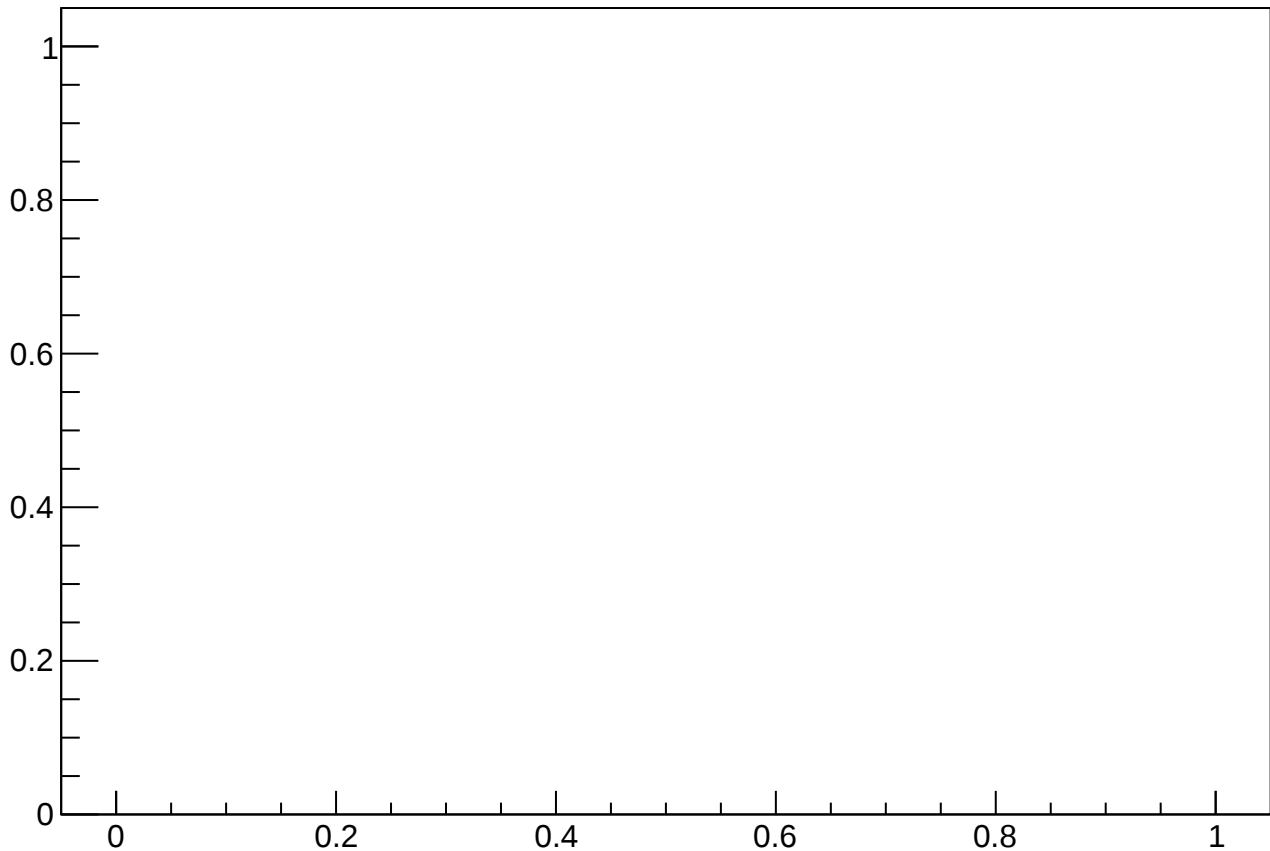
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

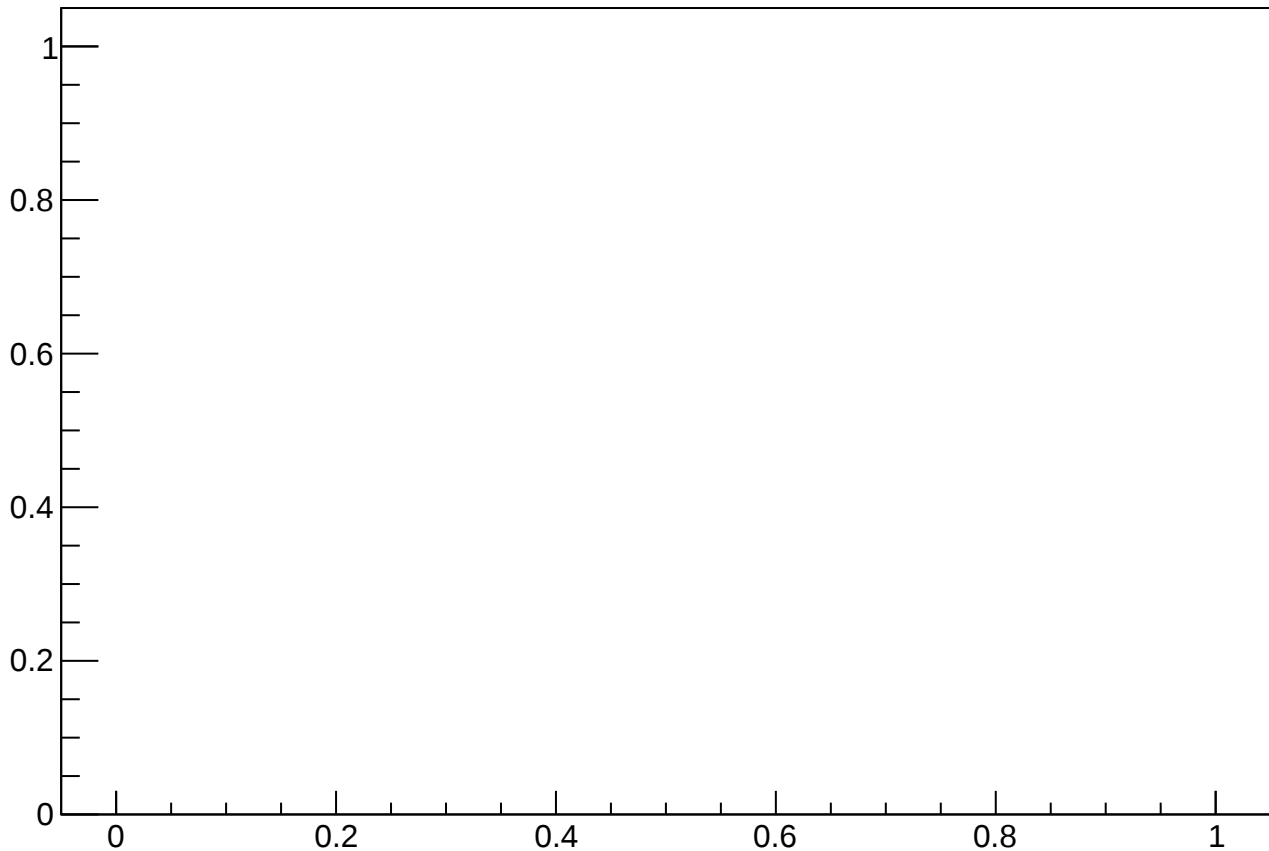
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

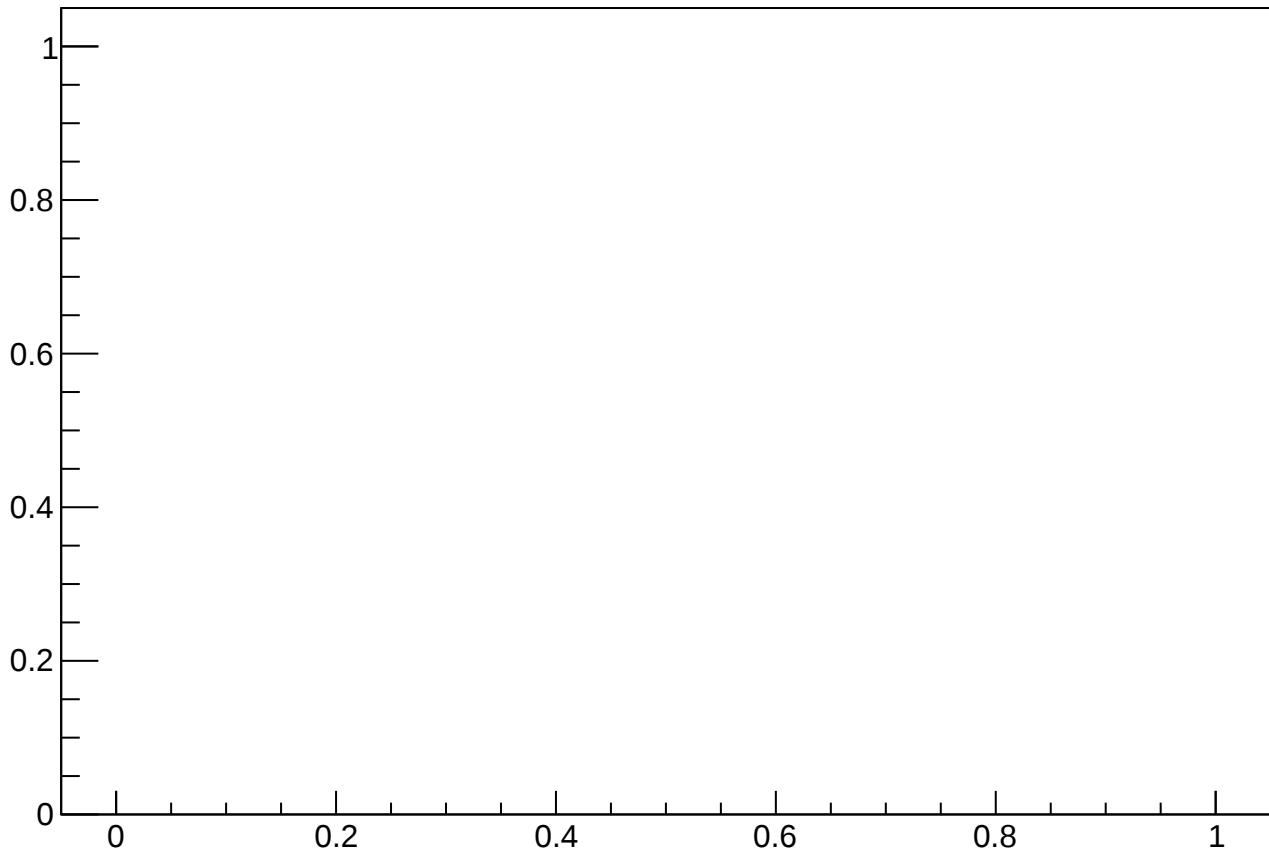
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

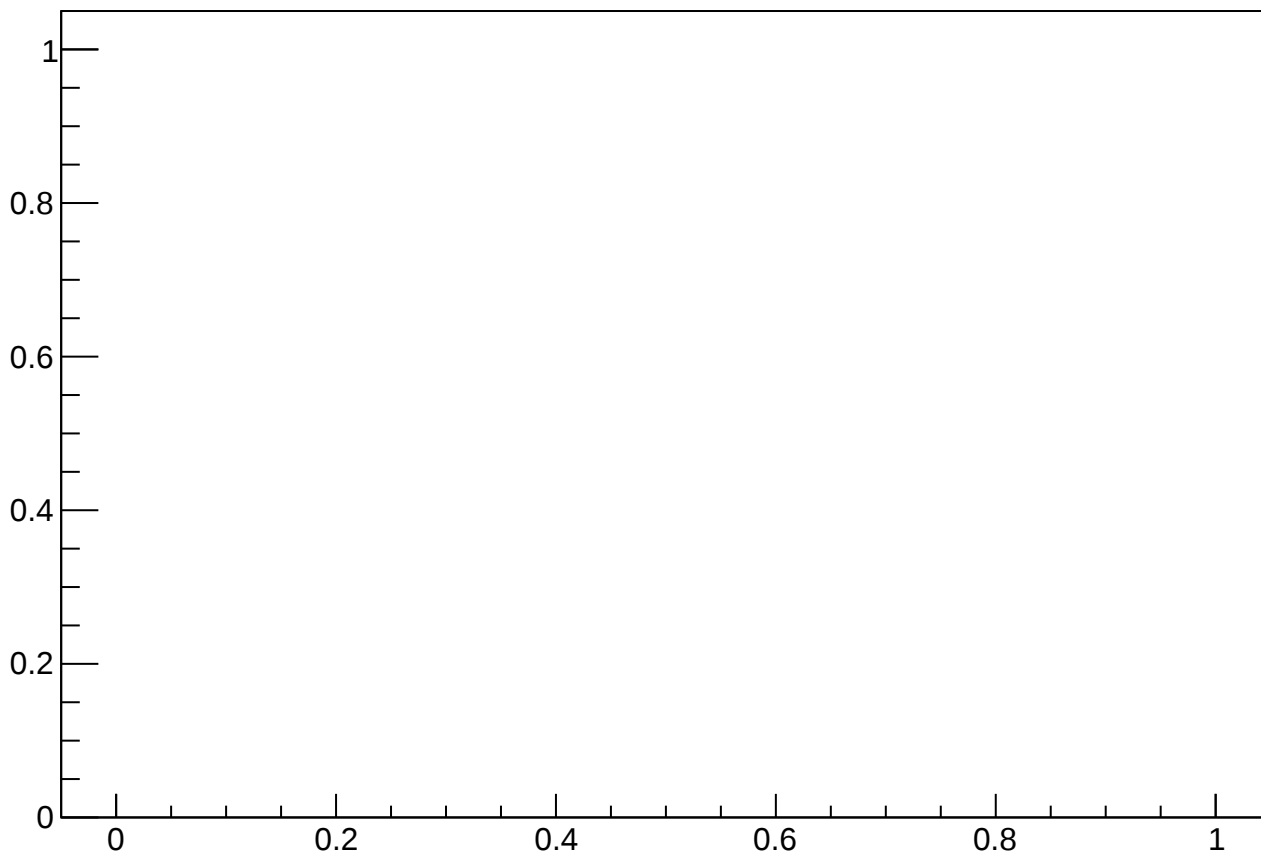
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

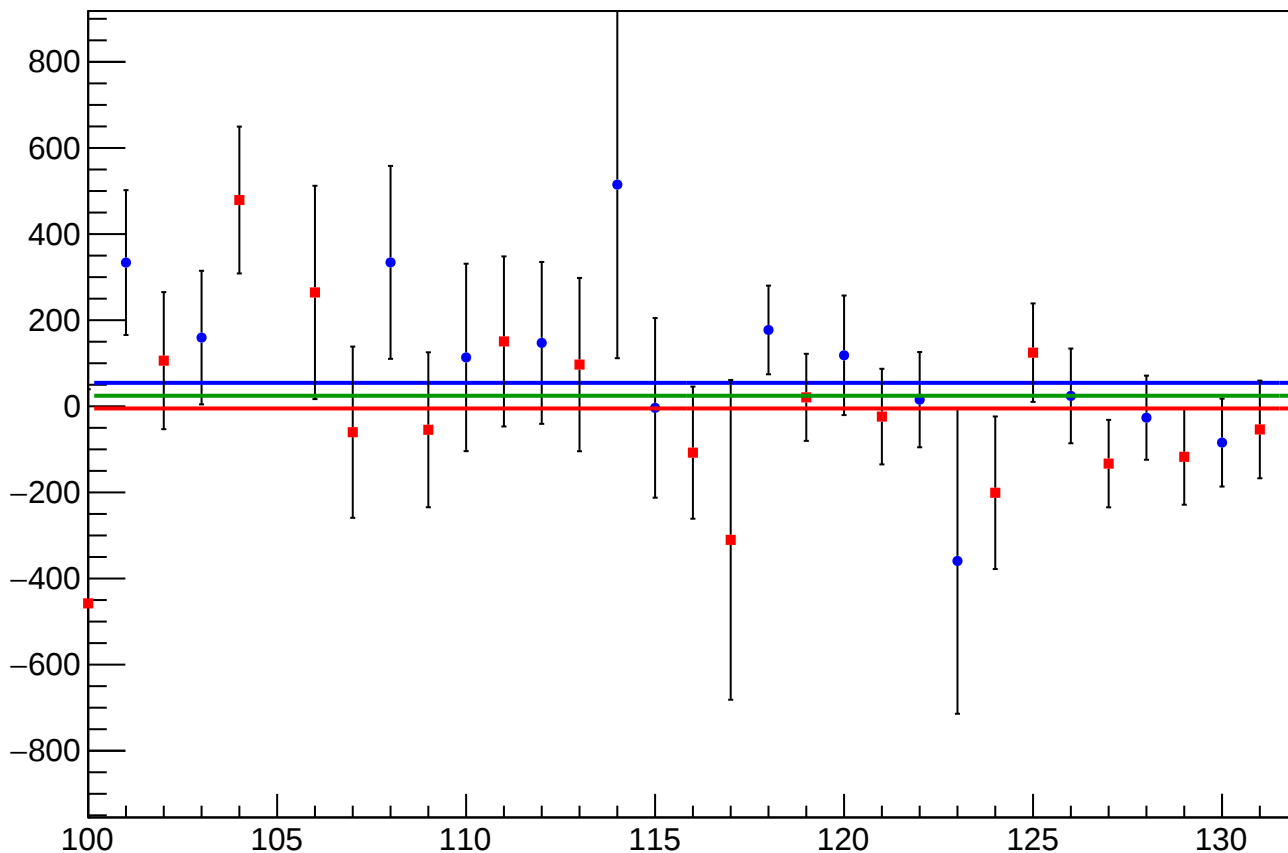
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 54.493+/-35.788 χ^2/NDF : 13.2/14

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

Right Out: -5.008+/-35.507 χ^2/NDF : 18.1/16

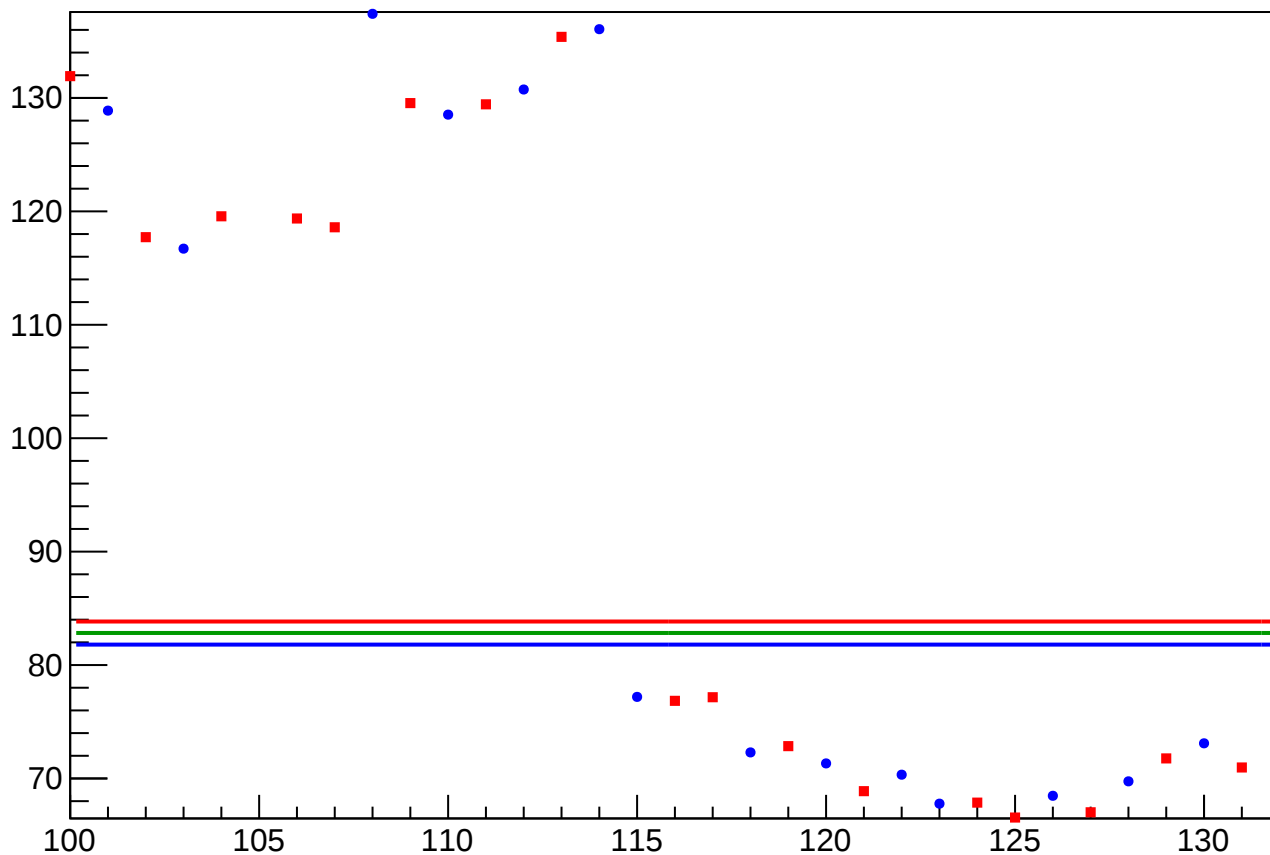
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.493+/-35.788 χ^2/NDF : 13.2/14

24.508+/-25.206 χ^2/NDF : 32.7/31

-5.008+/-35.507 χ^2/NDF : 18.1/16

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.803+/-0.025 χ^2/NDF : 803257.3/14

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

Right Out: 83.838+/-0.025 χ^2/NDF : 897001.8/16

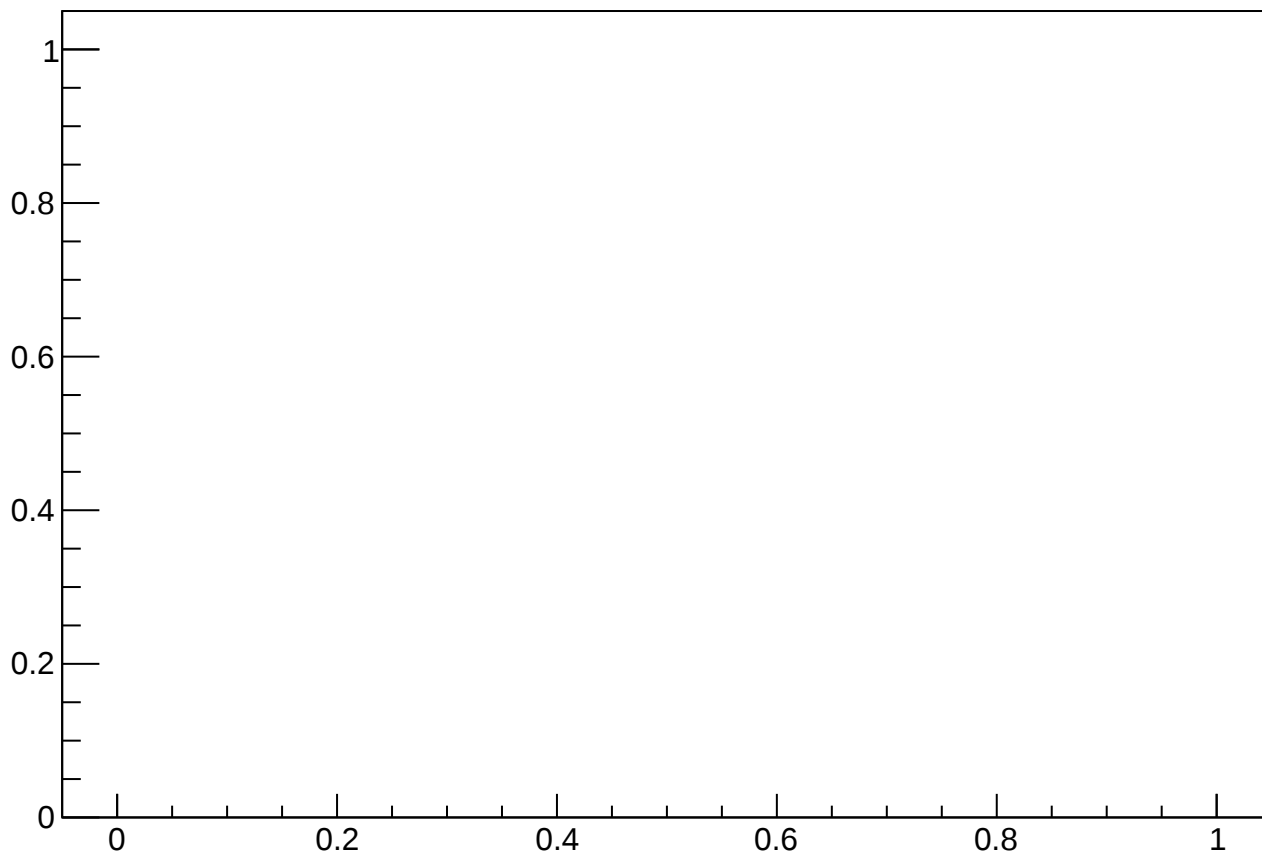
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

81.803+/-0.025 χ^2/NDF : 803257.3/14

82.829+/-0.018 χ^2/NDF : 1703521.1/31

83.838+/-0.025 χ^2/NDF : 897001.8/16

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

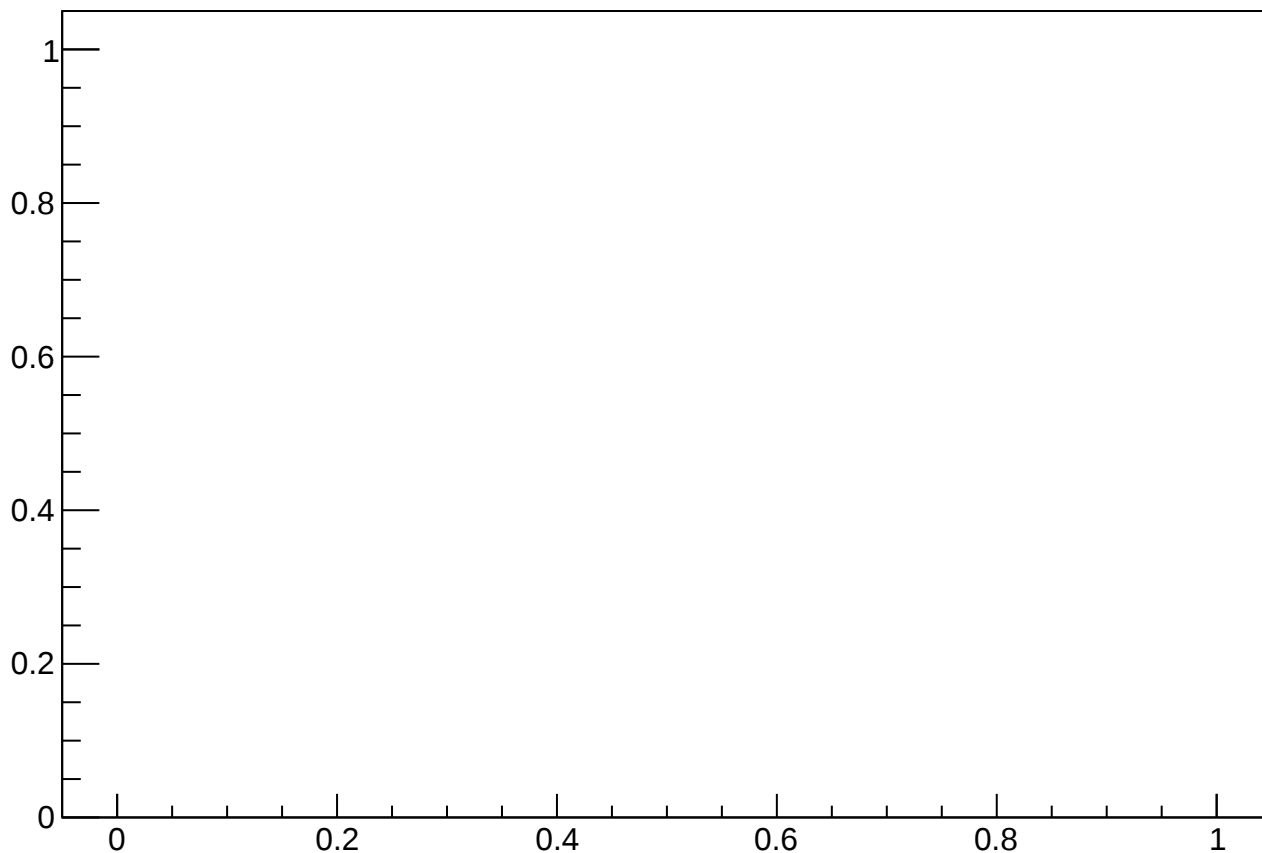
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

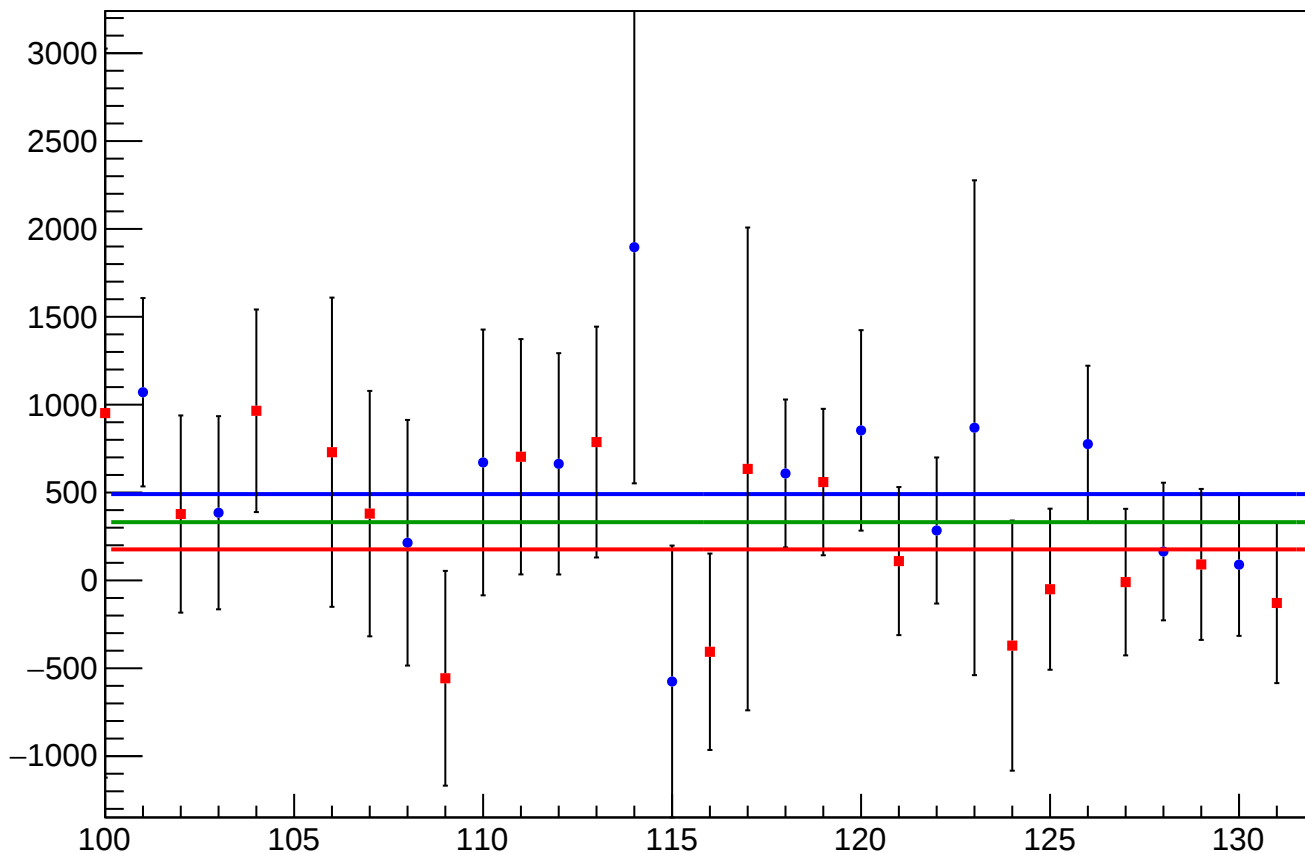
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 491.151+/-137.091 χ^2/NDF : 7.8/14

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

Right Out: 176.504+/-135.043 χ^2/NDF : 9.1/16

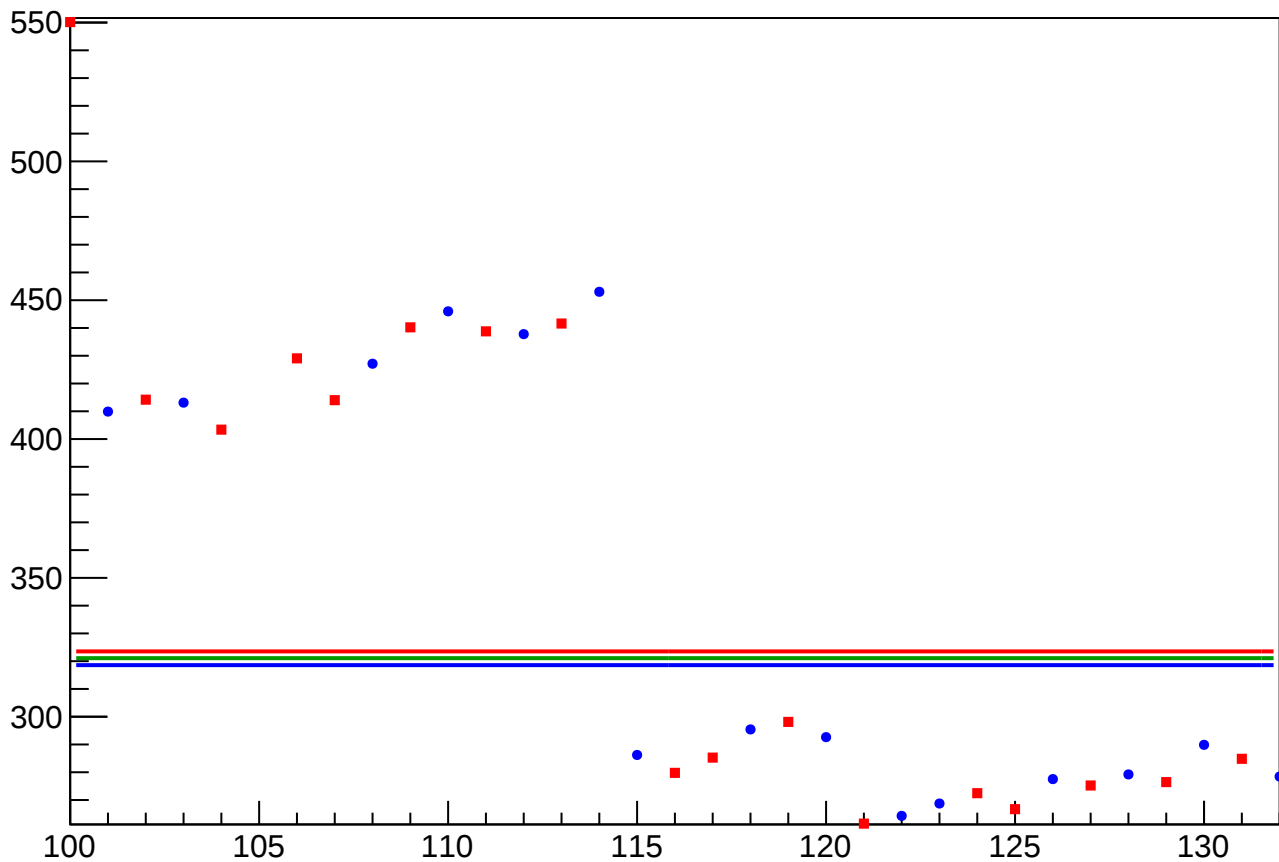
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

491.151+/-137.091 χ^2/NDF : 7.8/14

331.459+/-96.206 χ^2/NDF : 19.6/31

176.504+/-135.043 χ^2/NDF : 9.1/16

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 318.577+/-0.097 χ^2/NDF : 428311.9/14

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

Right Out: 323.526+/-0.095 χ^2/NDF : 544639.0/16

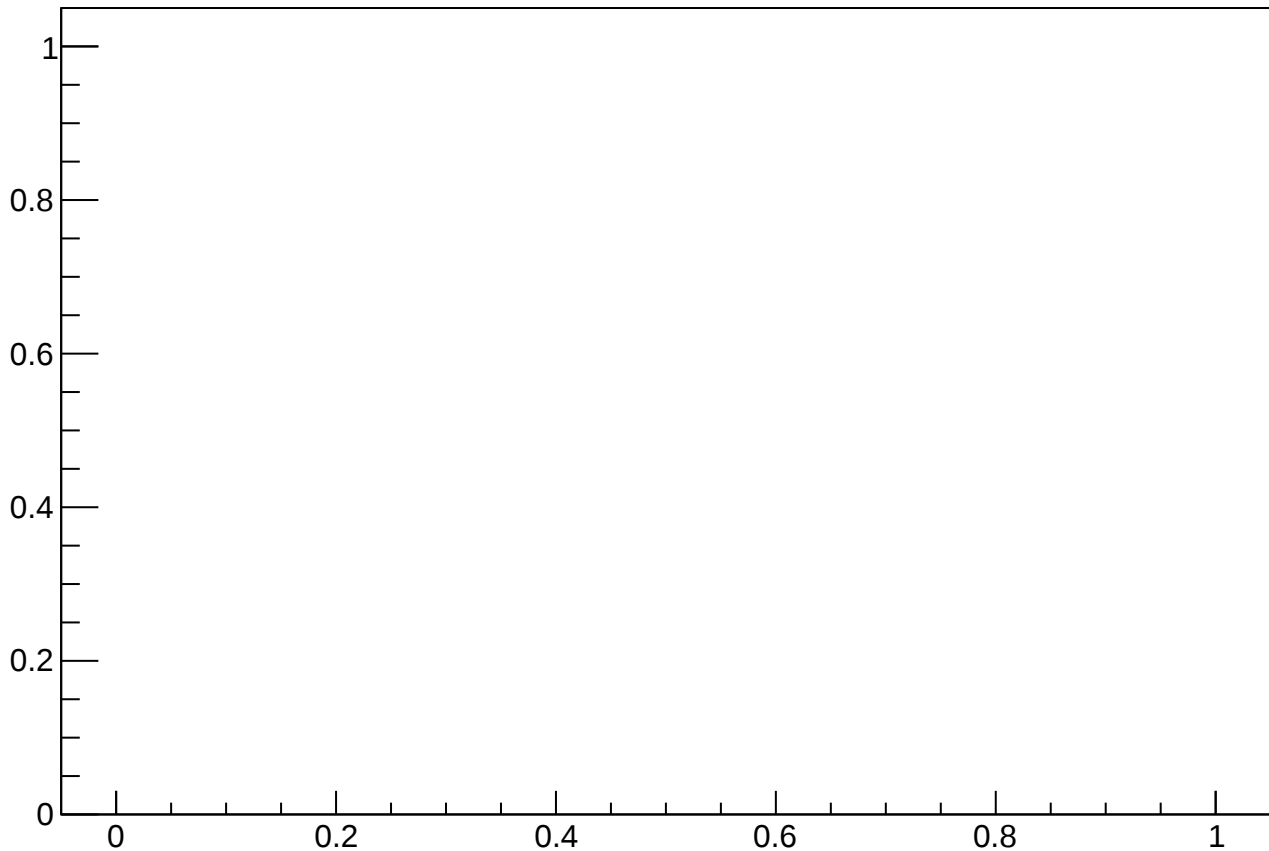
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

318.577+/-0.097 χ^2/NDF : 428311.9/14

321.089+/-0.068 χ^2/NDF : 974273.8/31

323.526+/-0.095 χ^2/NDF : 544639.0/16

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

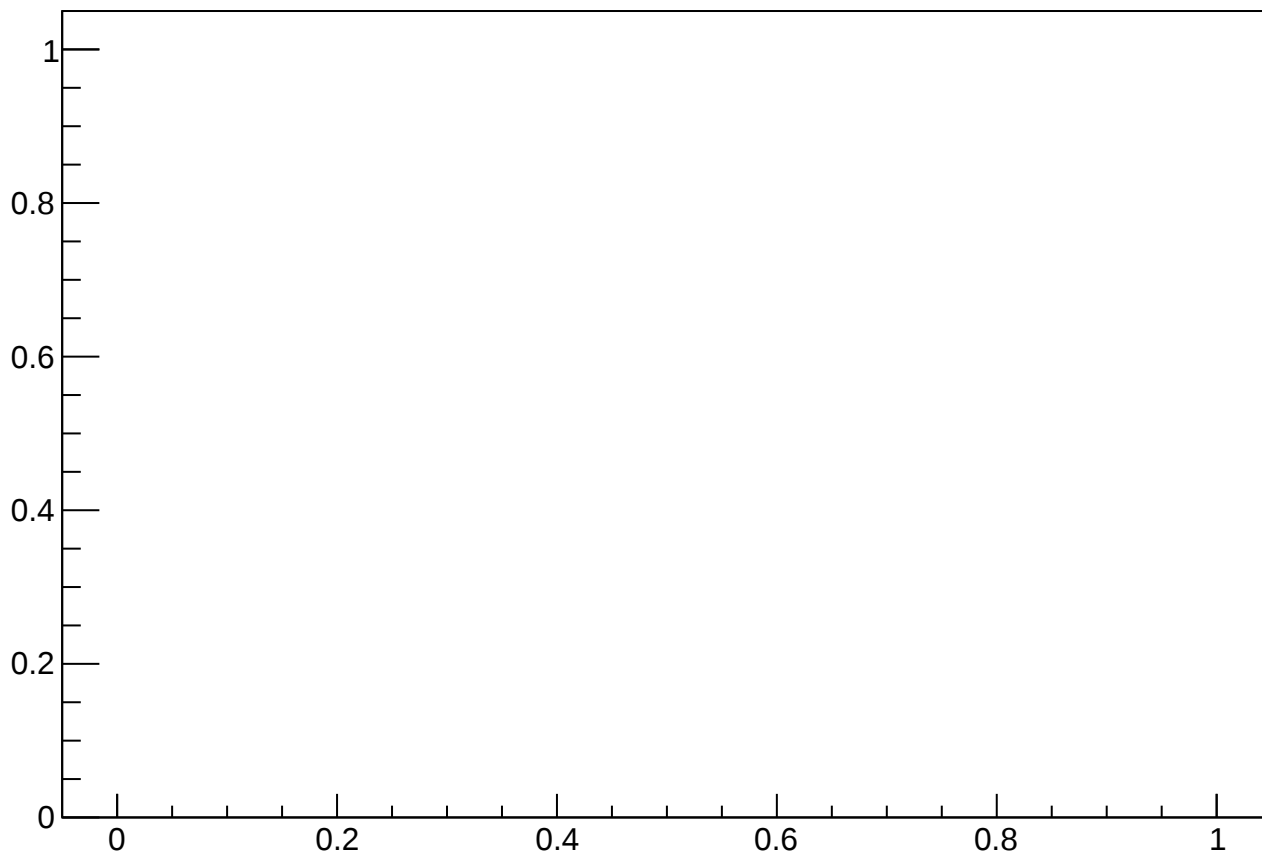
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

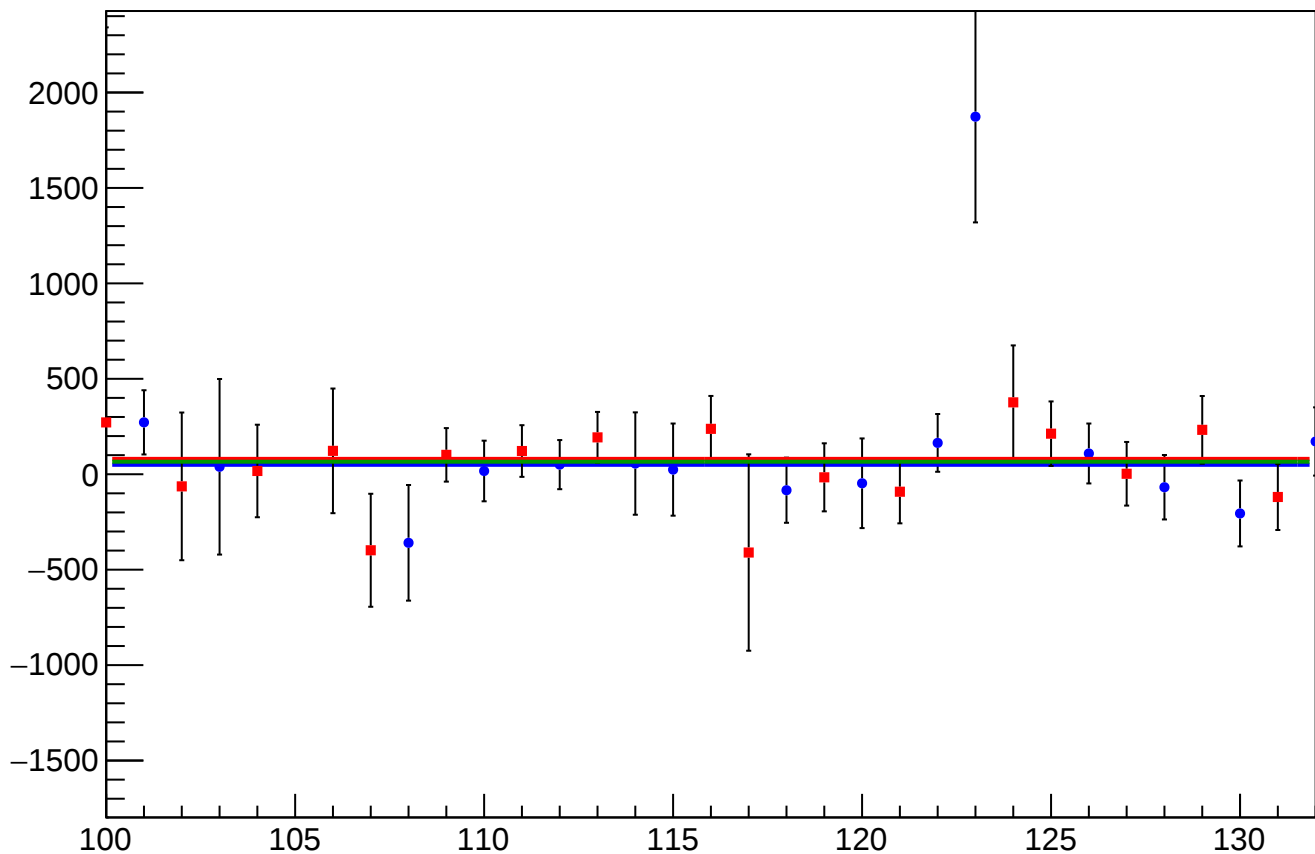
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 49.409+/-48.682 χ^2/NDF : 19.1/14

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

Right Out: 80.567+/-46.663 χ^2/NDF : 10.7/16

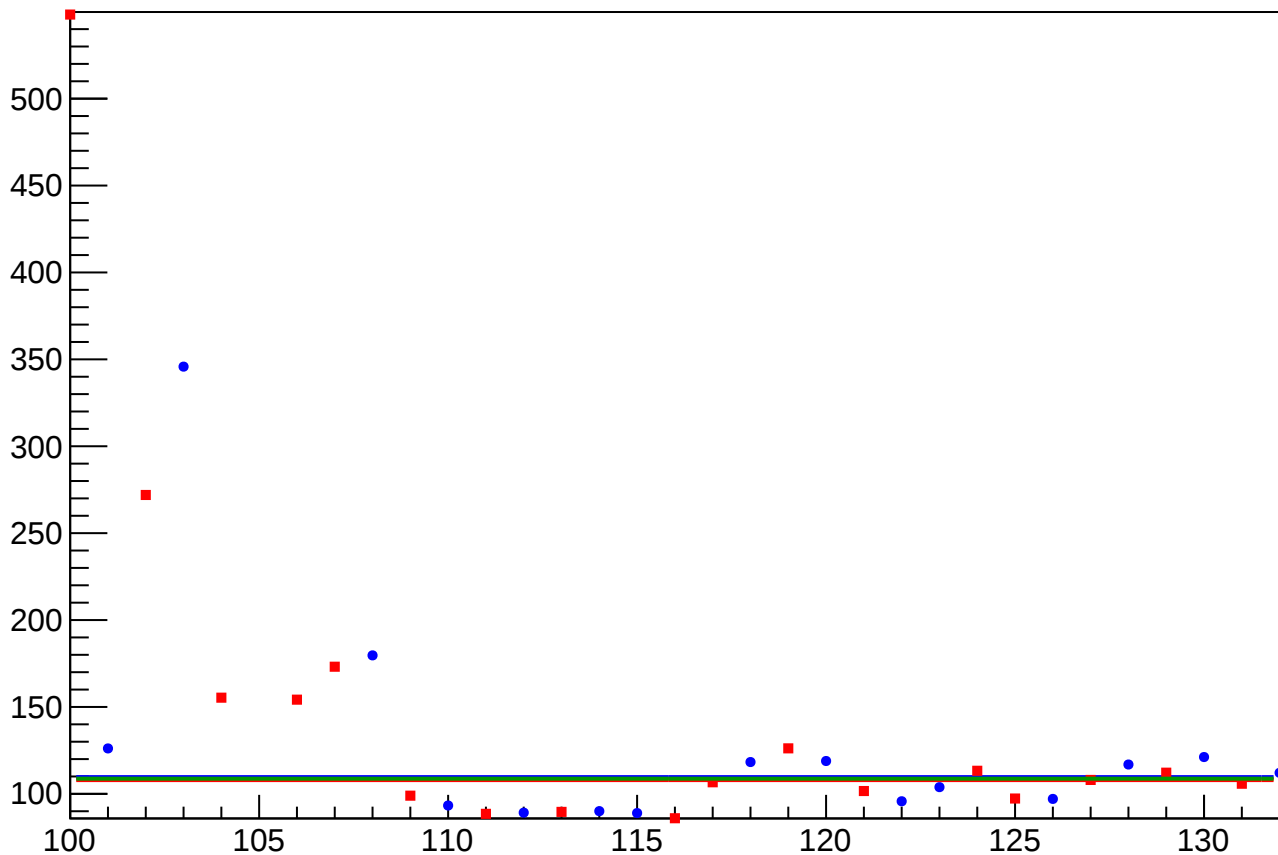
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.409+/-48.682 χ^2/NDF : 19.1/14

65.647+/-33.687 χ^2/NDF : 30.0/31

80.567+/-46.663 χ^2/NDF : 10.7/16

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 109.644+/-0.034 χ^2/NDF : 801609.0/14

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

Right Out: 107.917+/-0.033 χ^2/NDF : 817247.6/16

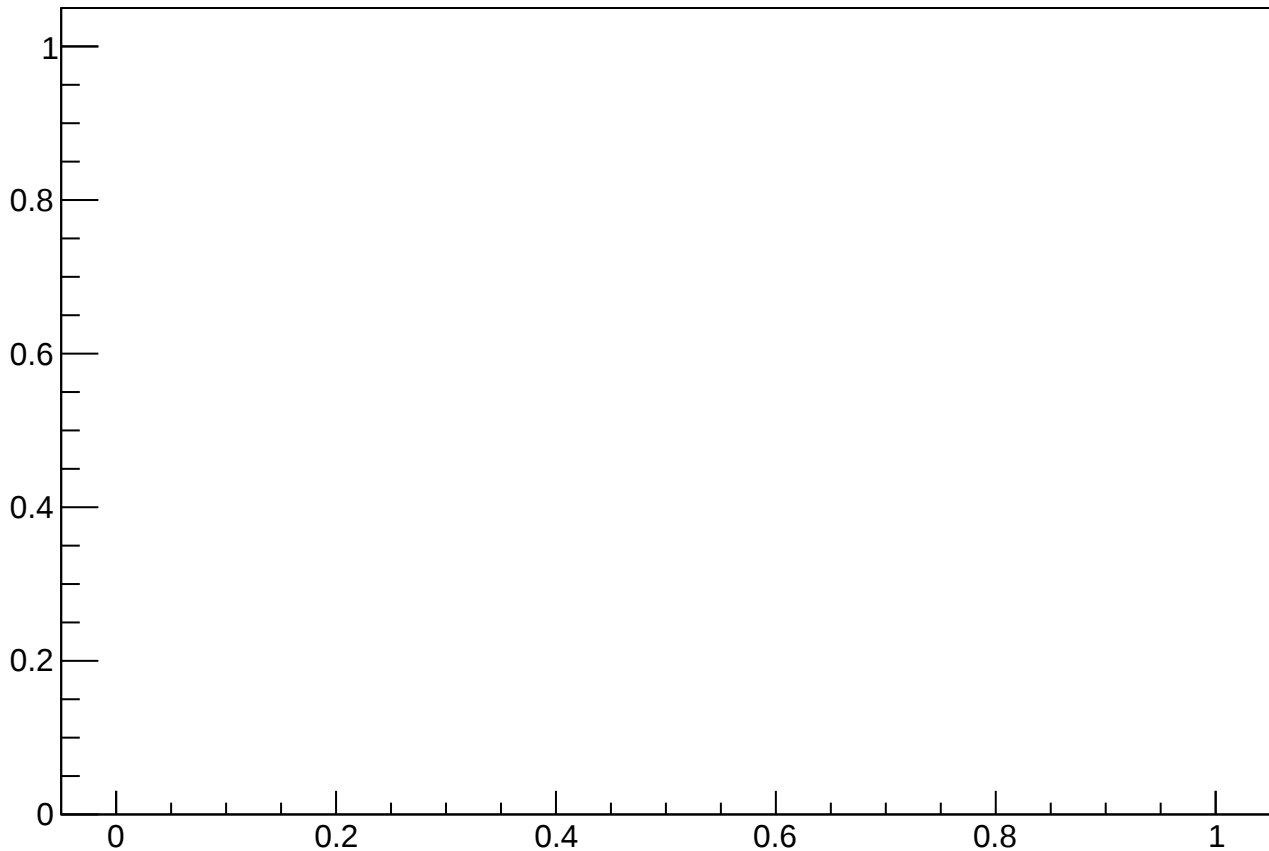
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.644+/-0.034 χ^2/NDF : 801609.0/14

108.744+/-0.024 χ^2/NDF : 1620167.1/31

107.917+/-0.033 χ^2/NDF : 817247.6/16

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

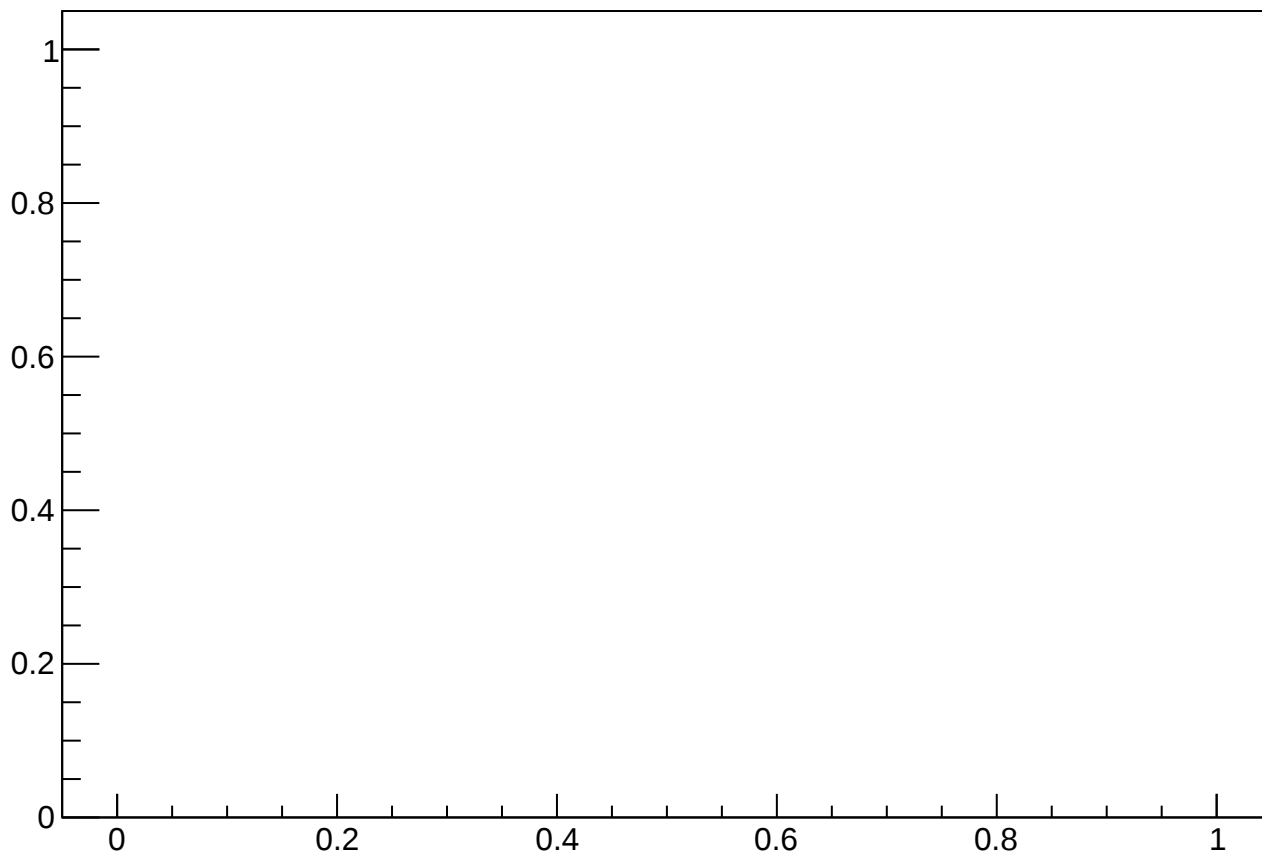
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

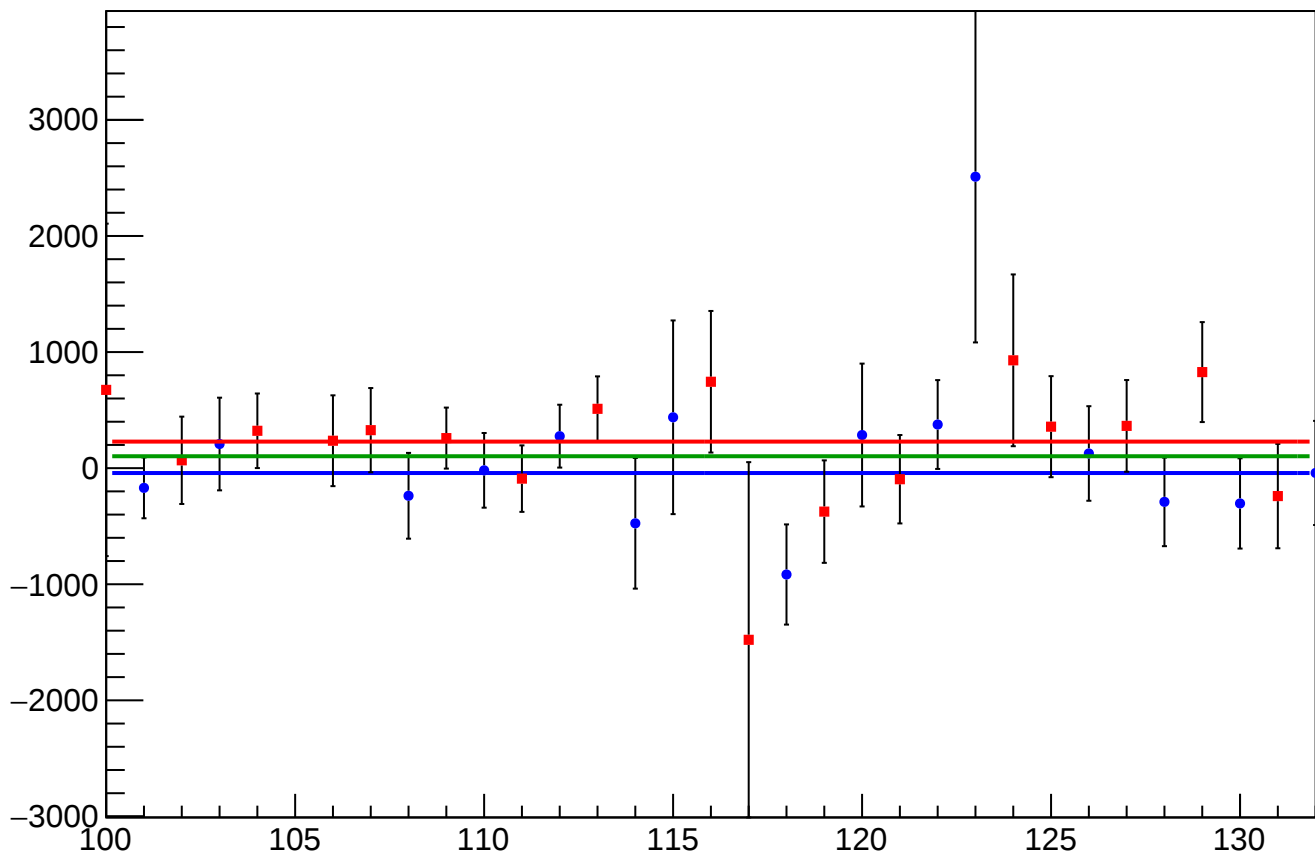
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -41.938 ± 102.111 $\chi^2/\text{NDF}: 13.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 228.769 ± 95.396 $\chi^2/\text{NDF}: 11.4/16$

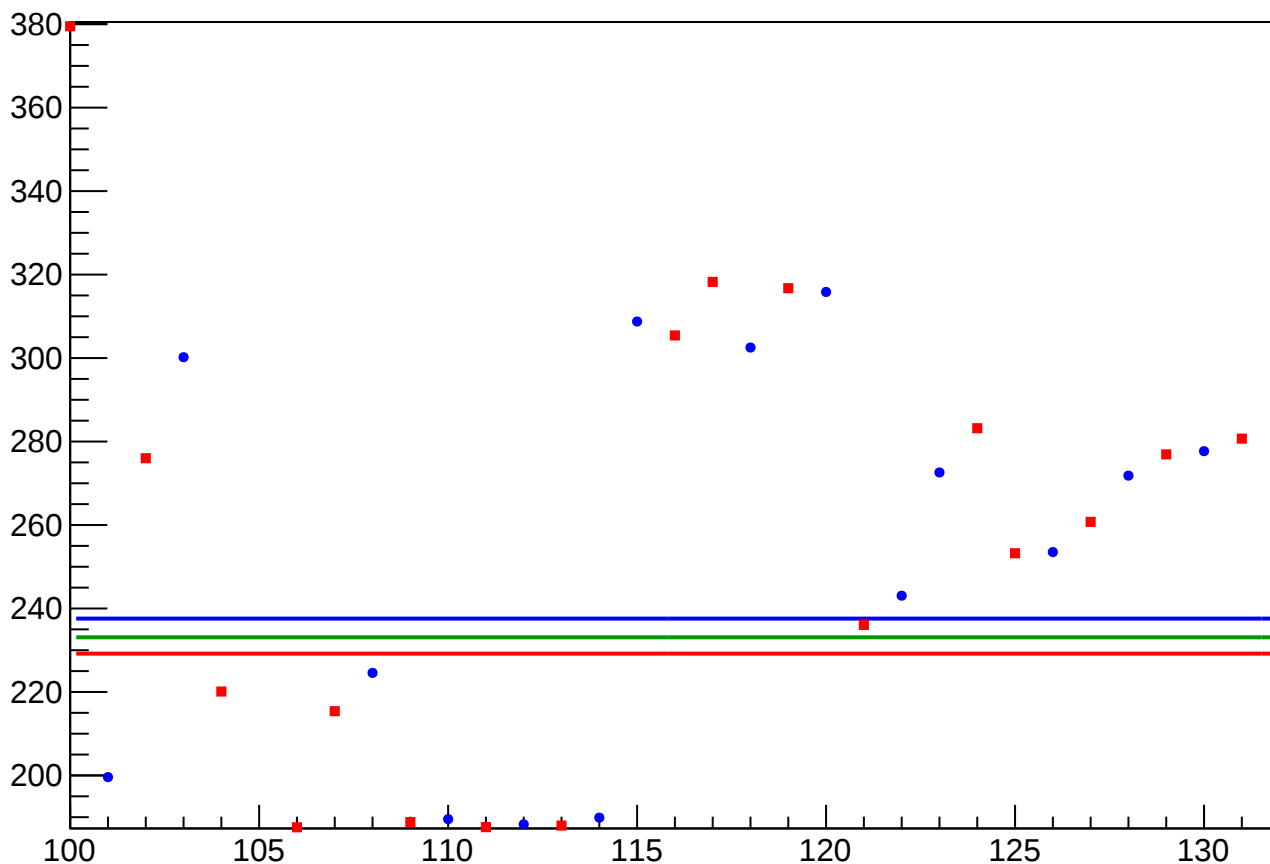
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-41.938 ± 102.111 $\chi^2/\text{NDF}: 13.0/14$

102.609 ± 69.708 $\chi^2/\text{NDF}: 28.2/31$

228.769 ± 95.396 $\chi^2/\text{NDF}: 11.4/16$

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 237.578+/-0.072 χ^2/NDF : 375412.3/14

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

Right Out: 229.189+/-0.067 χ^2/NDF : 410765.1/16

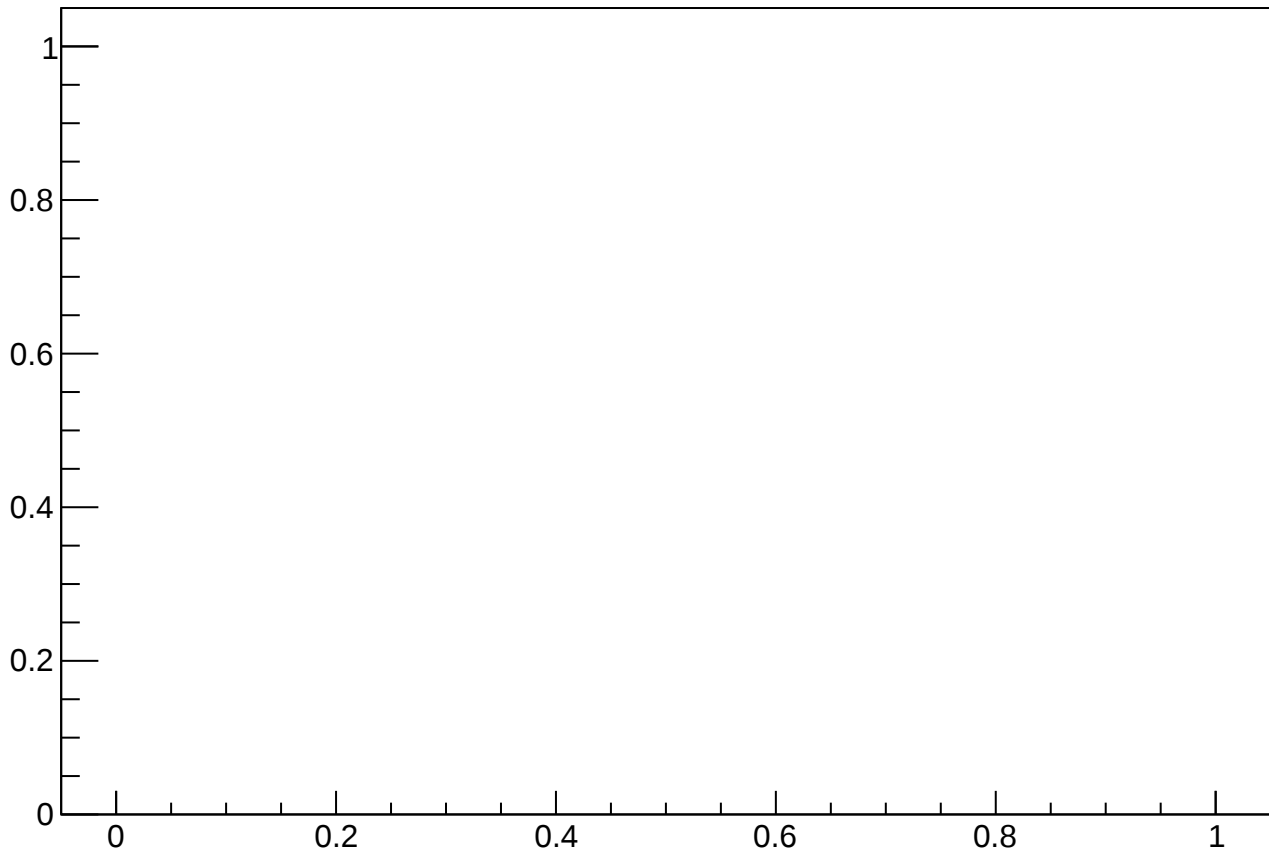
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

237.578+/-0.072 χ^2/NDF : 375412.3/14

233.099+/-0.049 χ^2/NDF : 793386.0/31

229.189+/-0.067 χ^2/NDF : 410765.1/16

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

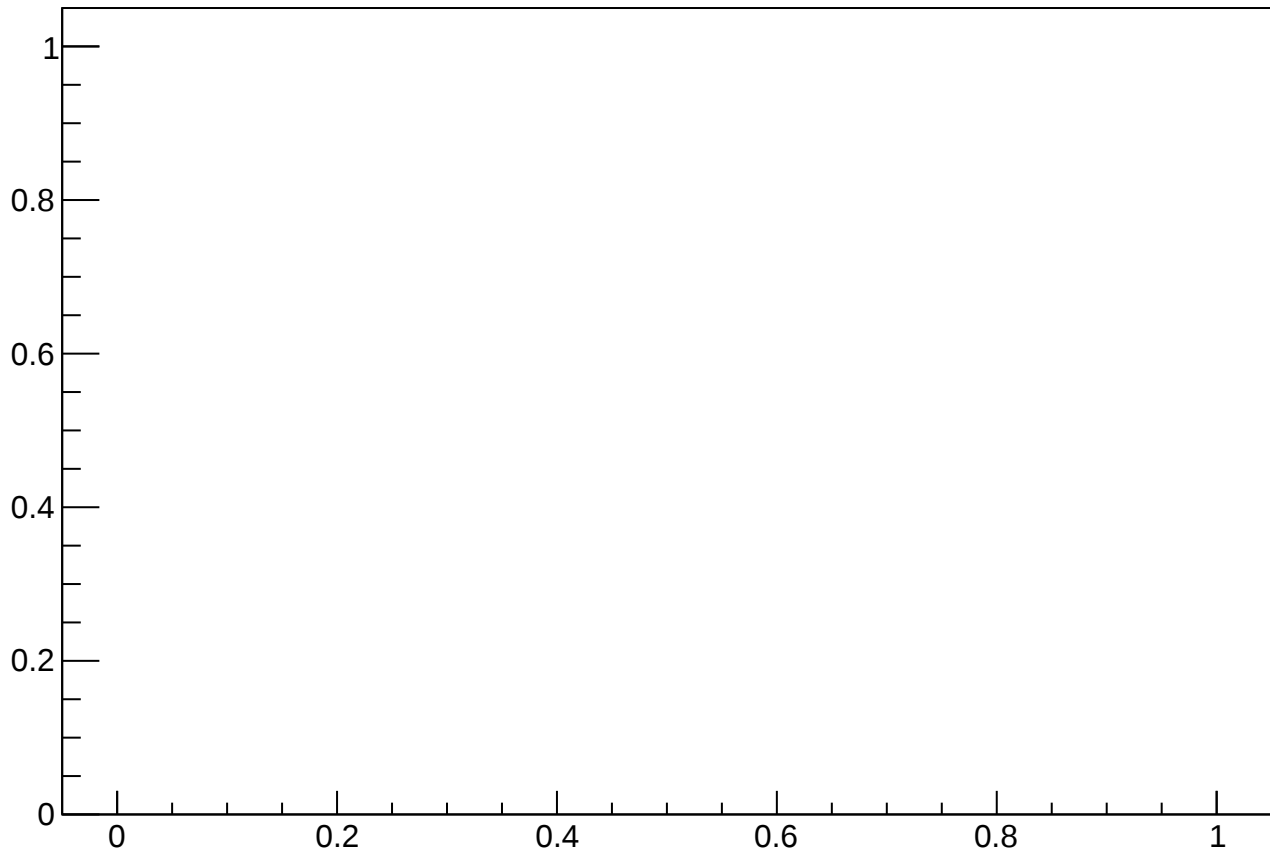
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

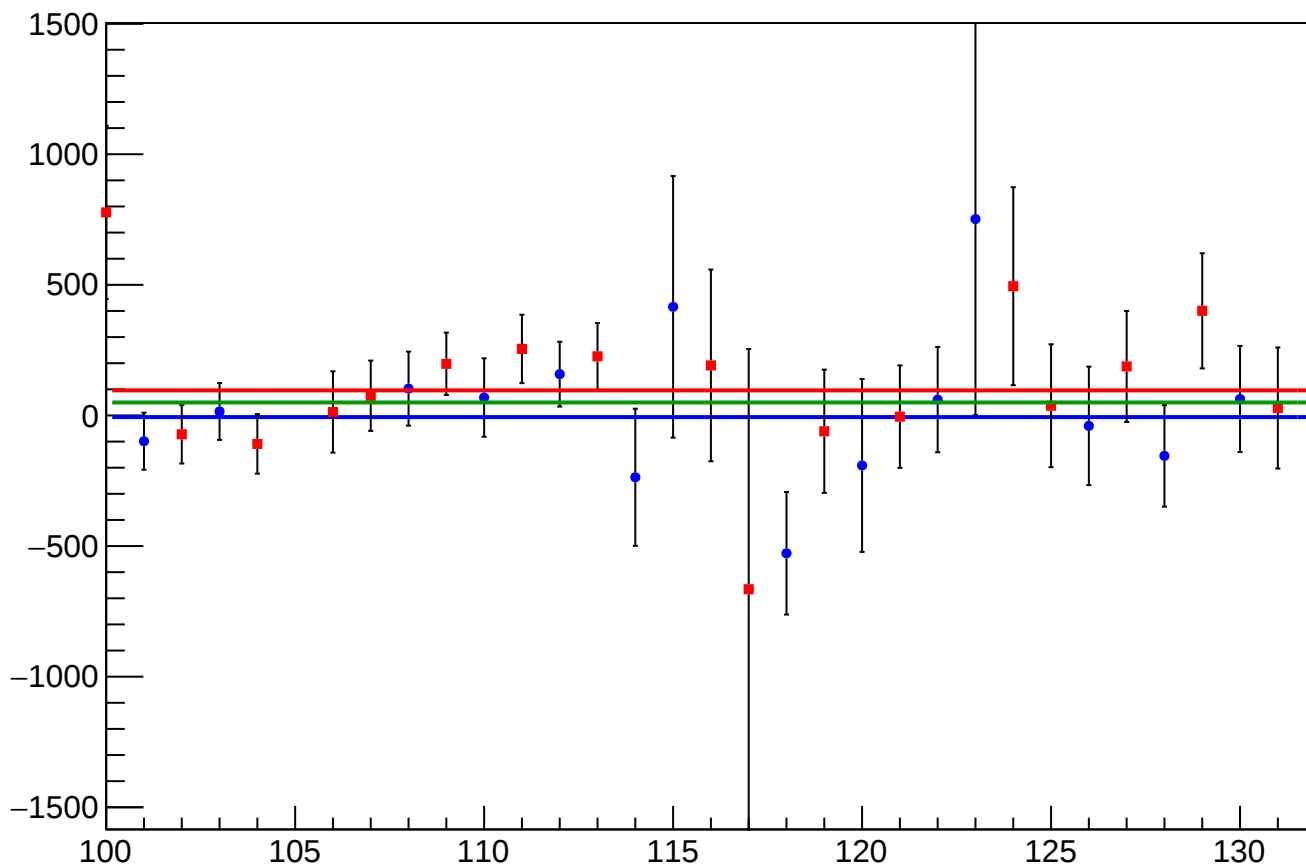
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -6.260 ± 45.220 χ^2/NDF : 12.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 95.963 ± 41.115 χ^2/NDF : 18.1/16

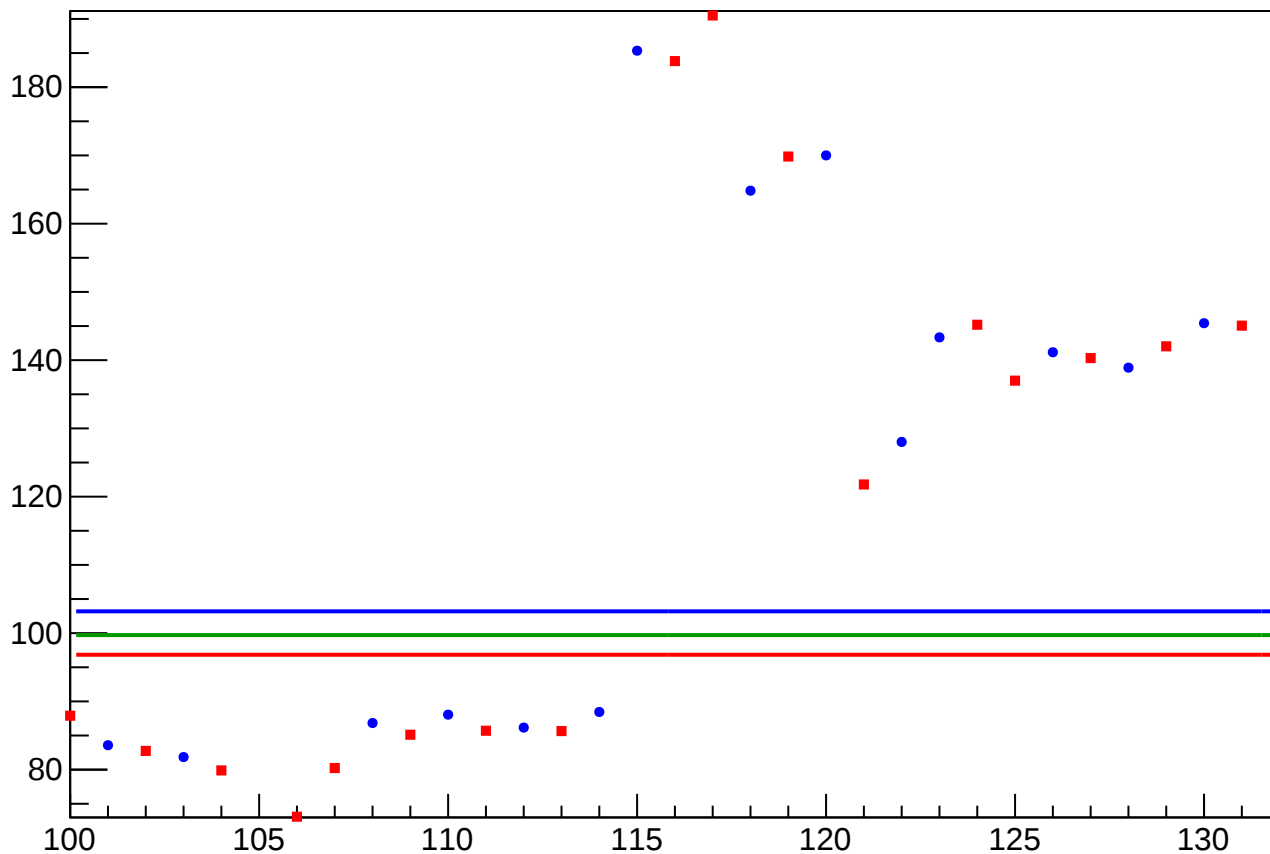
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.260 ± 45.220 χ^2/NDF : 12.0/14

49.701 ± 30.421 χ^2/NDF : 32.8/31

95.963 ± 41.115 χ^2/NDF : 18.1/16

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 103.198+/-0.032 χ^2/NDF : 821793.2/14

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

Right Out: 96.835+/-0.029 χ^2/NDF : 905662.1/16

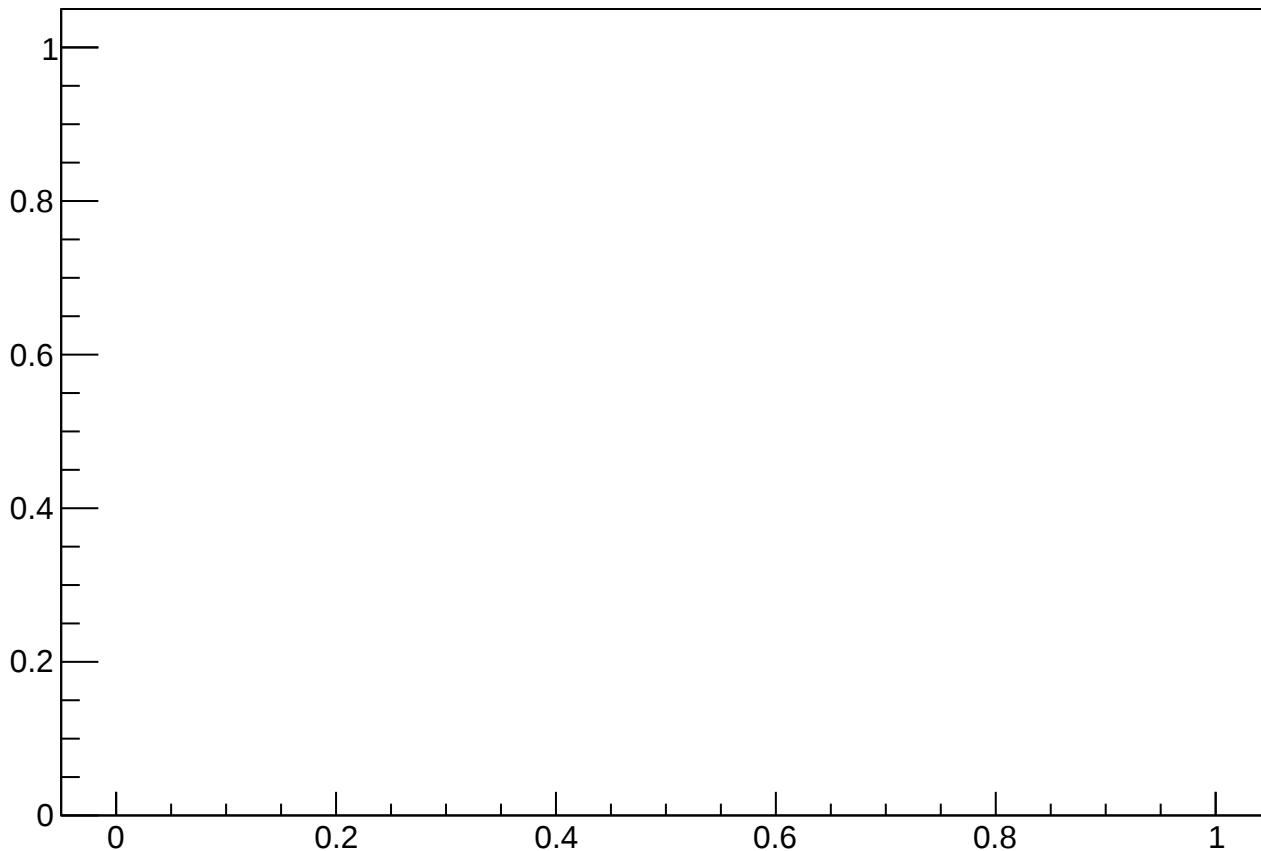
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.198+/-0.032 χ^2/NDF : 821793.2/14

99.715+/-0.022 χ^2/NDF : 1749130.3/31

96.835+/-0.029 χ^2/NDF : 905662.1/16

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

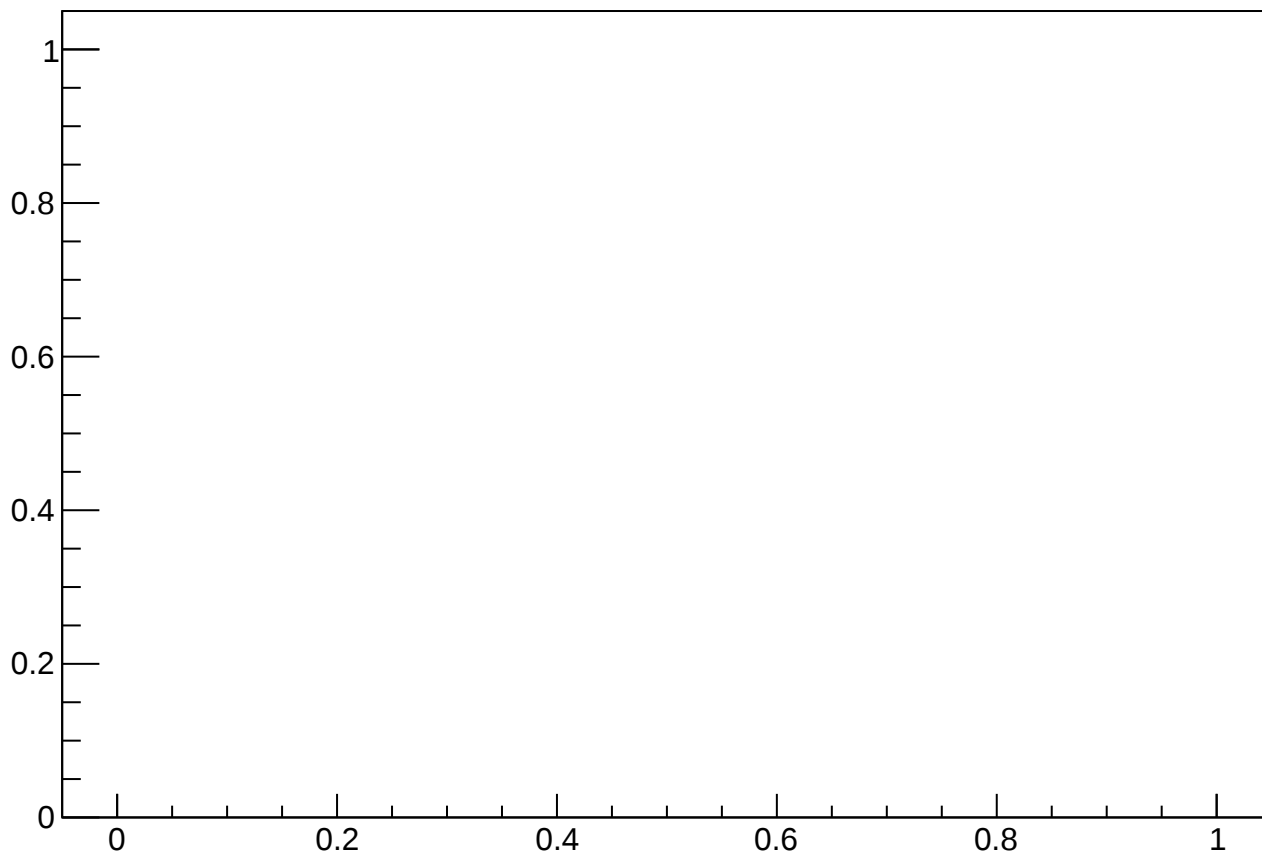
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

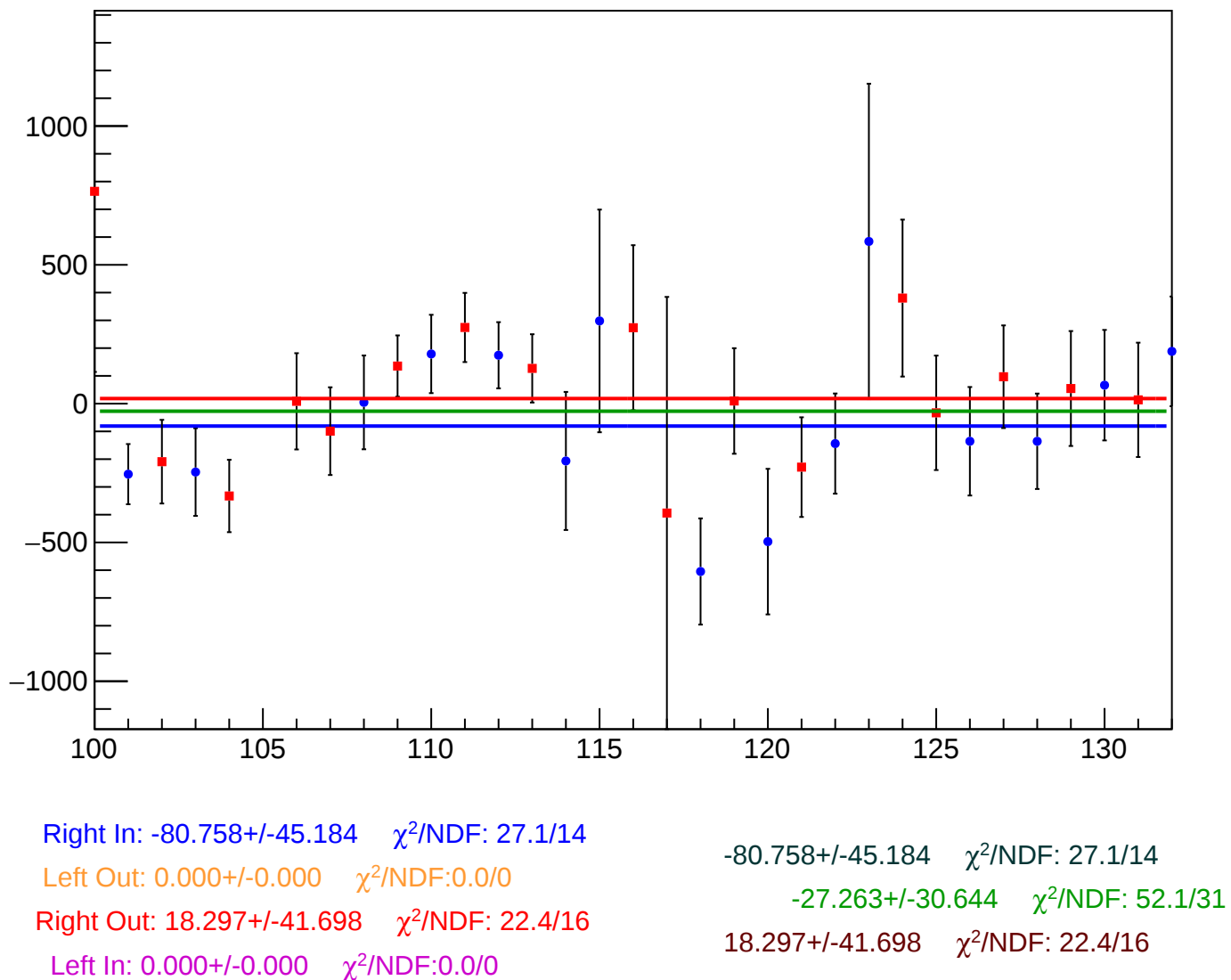
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

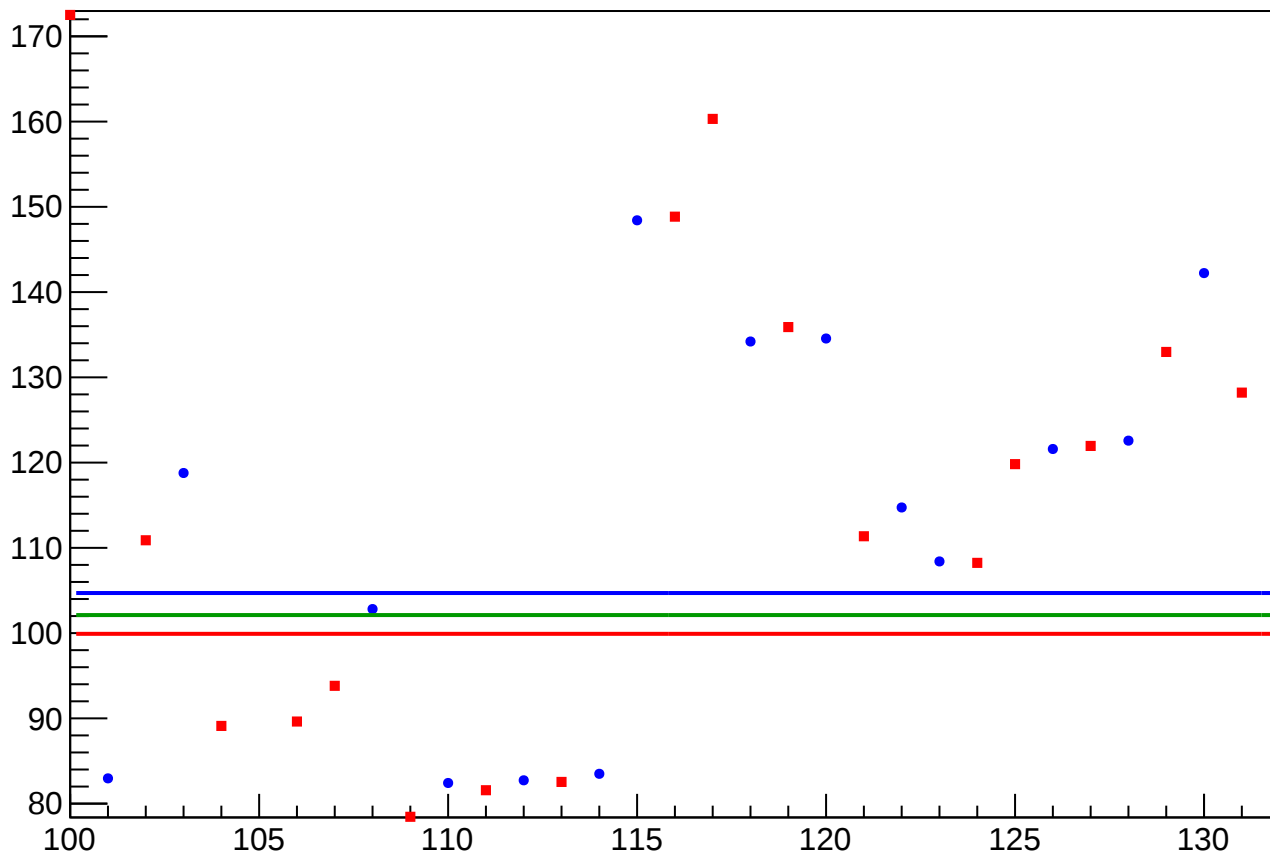
0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug, Sign Corrected



reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.702 $\pm$ 0.032 χ^2 /NDF: 462219.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.915 $\pm$ 0.029 χ^2 /NDF: 501703.0/16

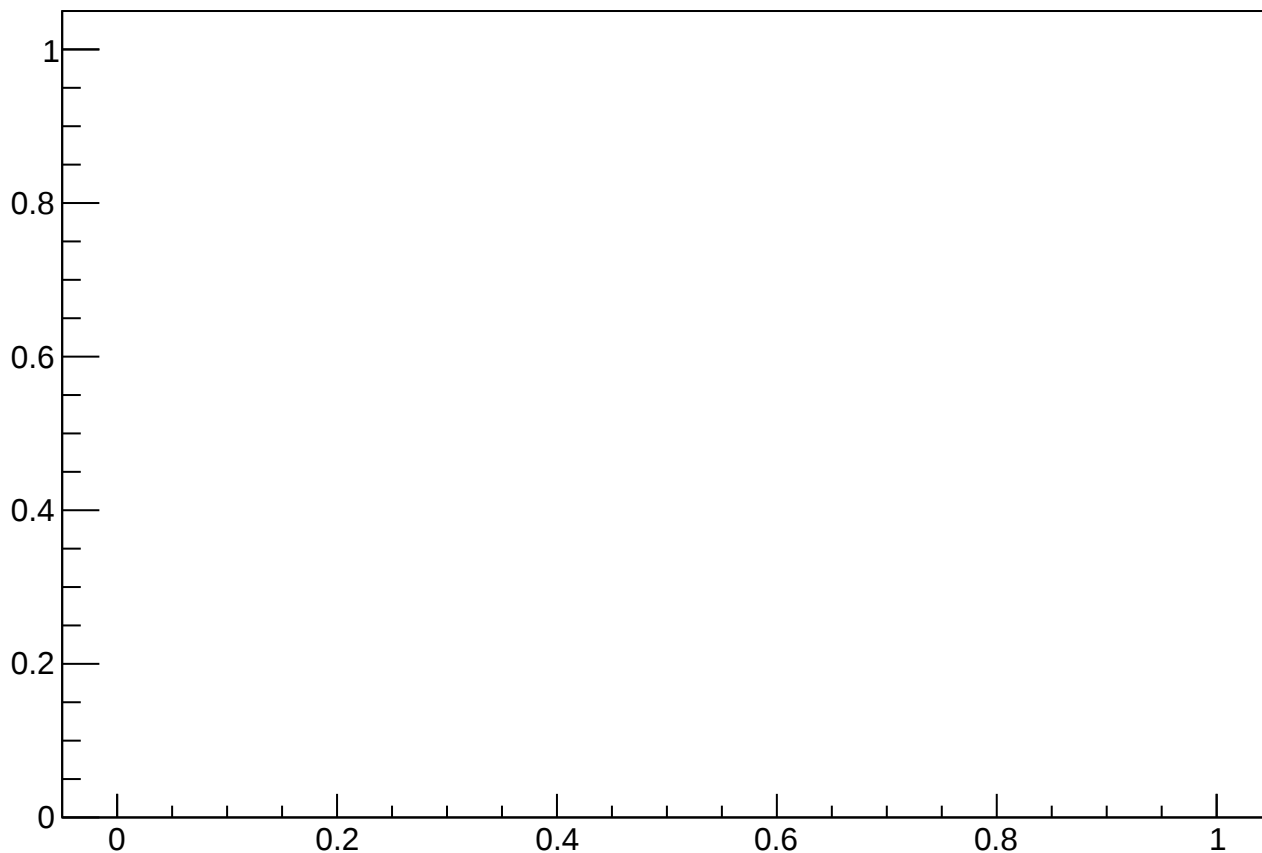
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

104.702 $\pm$ 0.032 χ^2 /NDF: 462219.3/14

102.117 $\pm$ 0.022 χ^2 /NDF: 976042.6/31

99.915 $\pm$ 0.029 χ^2 /NDF: 501703.0/16

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

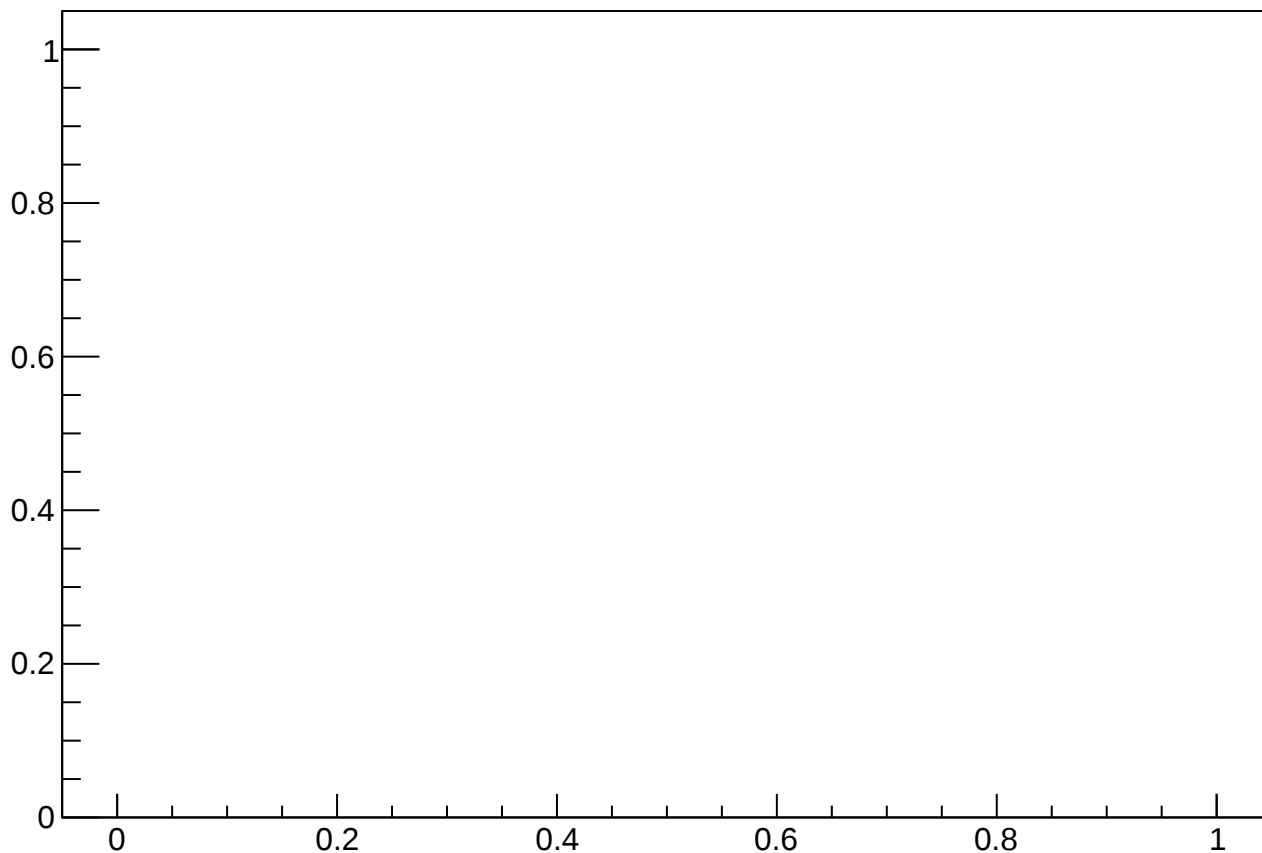
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

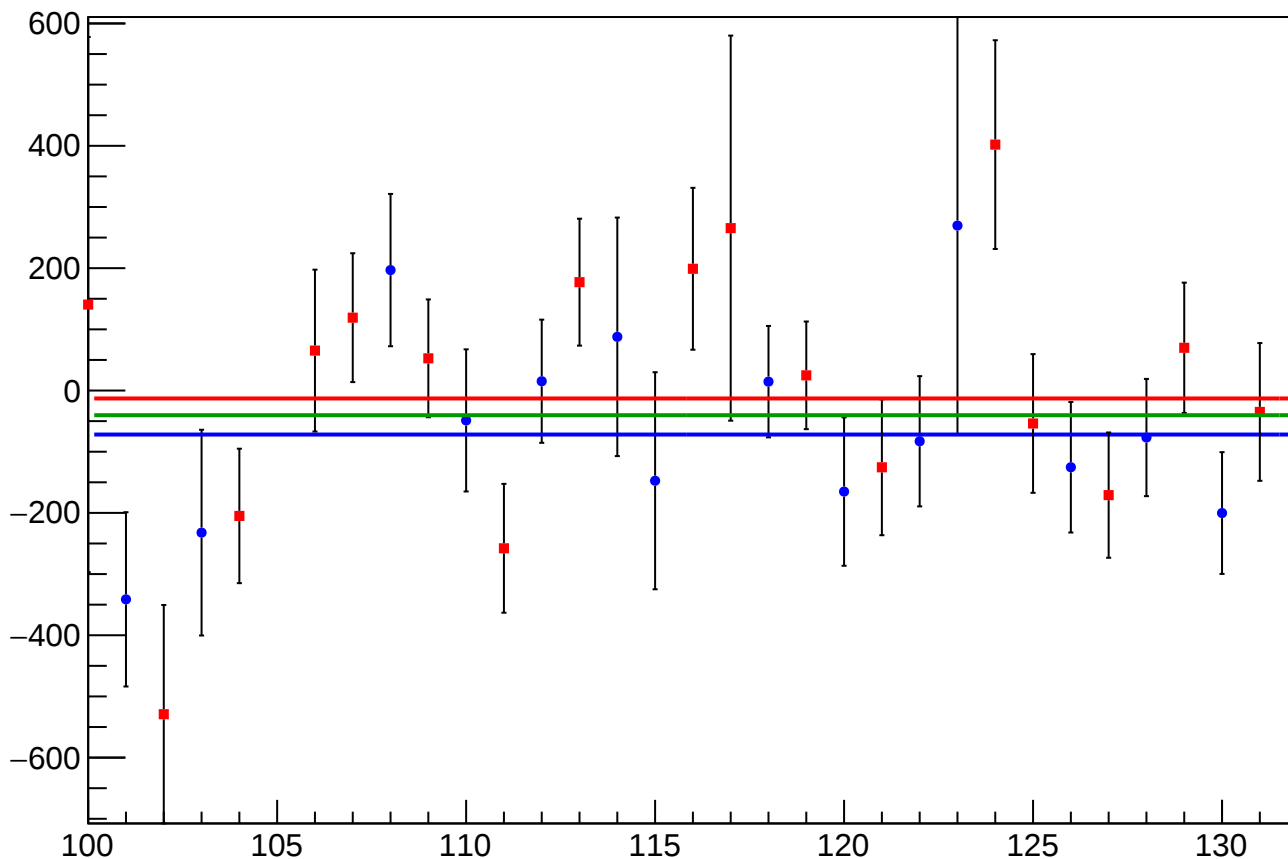
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -71.935 ± 30.886 $\chi^2/\text{NDF}: 15.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.950 ± 28.748 $\chi^2/\text{NDF}: 36.3/16$

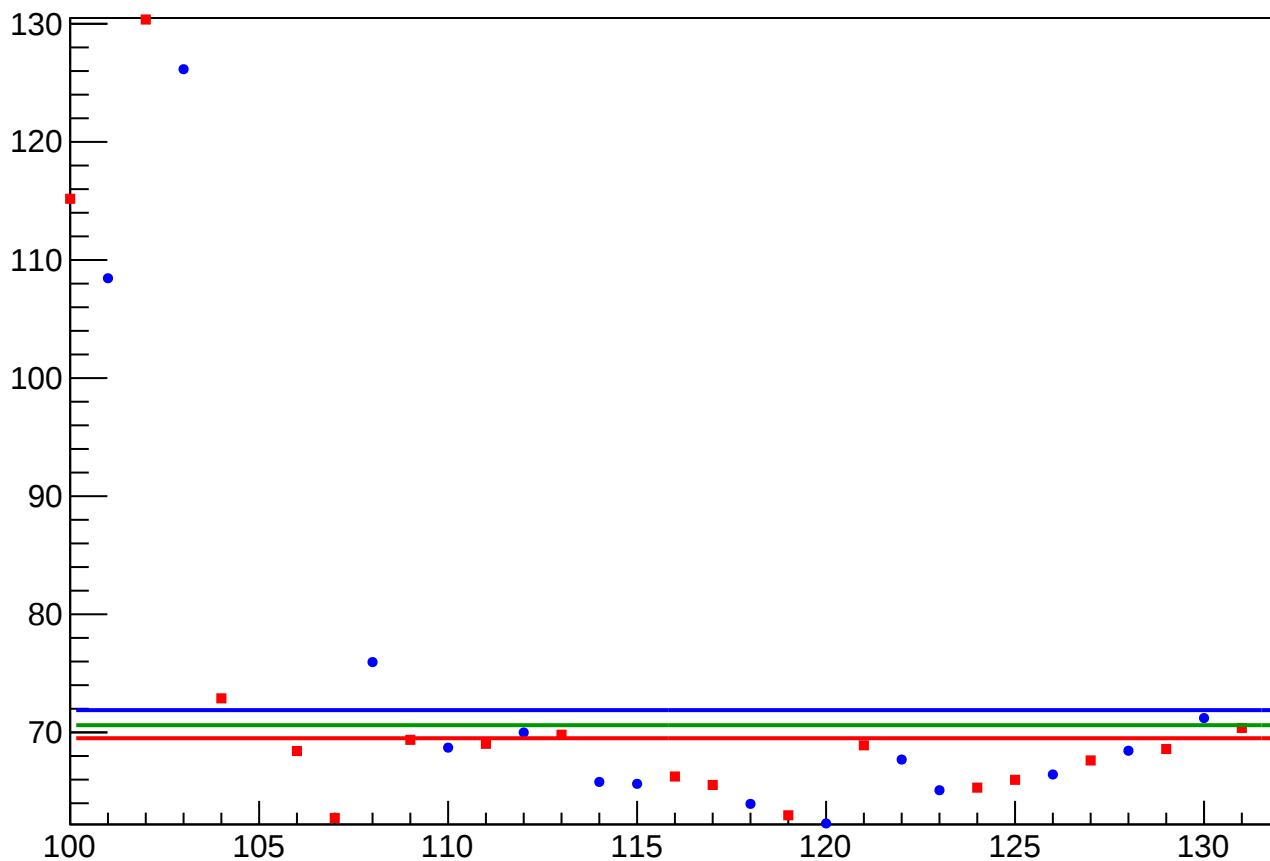
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-71.935 ± 30.886 $\chi^2/\text{NDF}: 15.2/14$

-40.330 ± 21.043 $\chi^2/\text{NDF}: 53.5/31$

-12.950 ± 28.748 $\chi^2/\text{NDF}: 36.3/16$

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 71.885 $\pm$ 0.022 χ^2 /NDF: 389793.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.506 $\pm$ 0.020 χ^2 /NDF: 281156.0/16

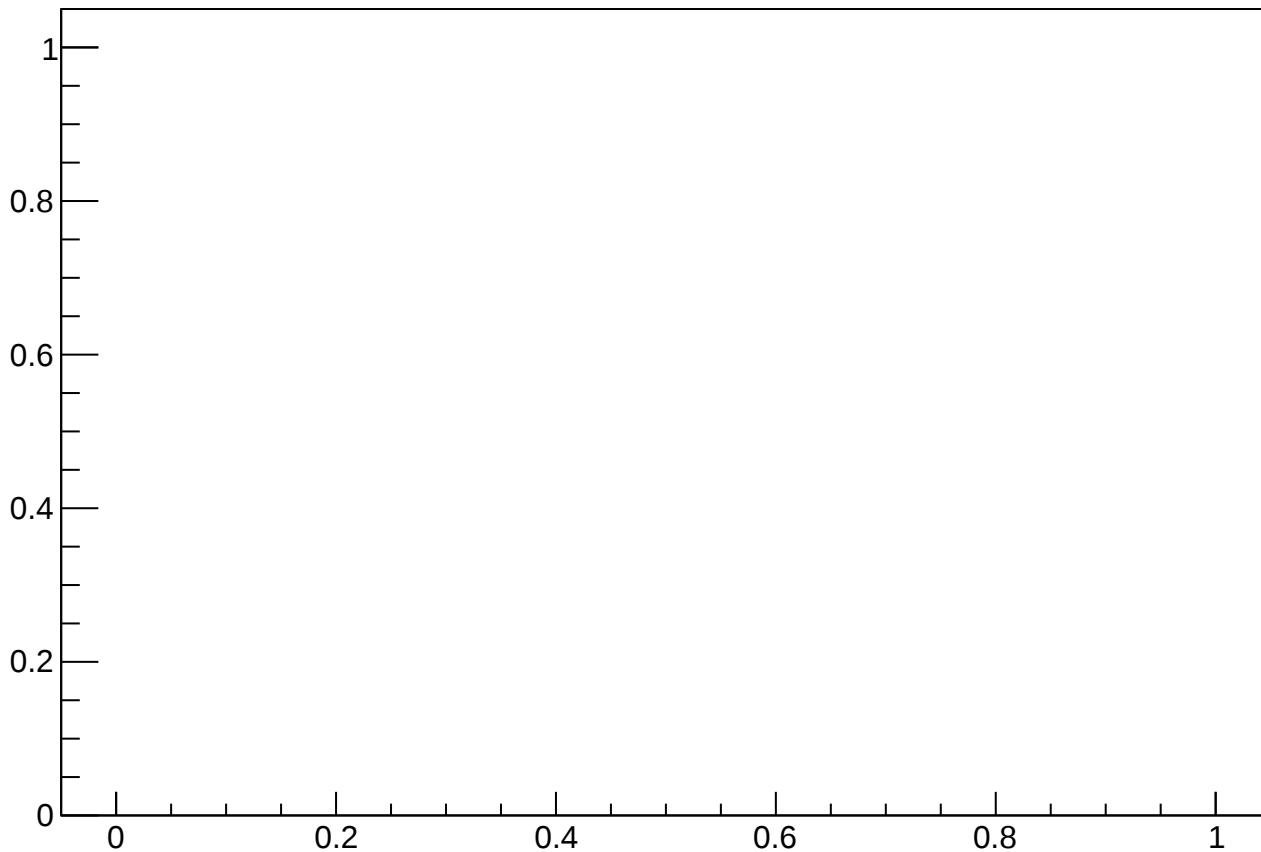
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

71.885 $\pm$ 0.022 χ^2 /NDF: 389793.8/14

70.610 $\pm$ 0.015 χ^2 /NDF: 677305.5/31

69.506 $\pm$ 0.020 χ^2 /NDF: 281156.0/16

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

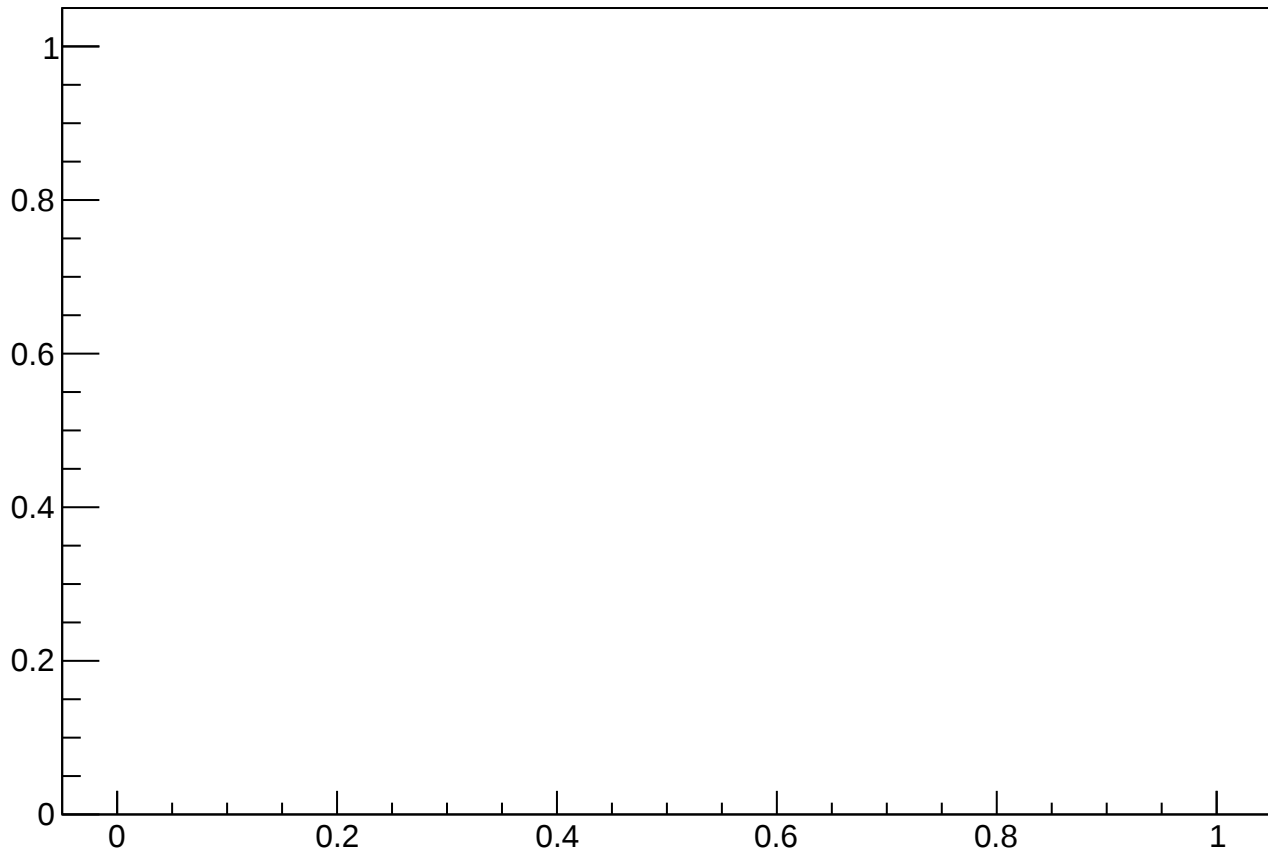
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

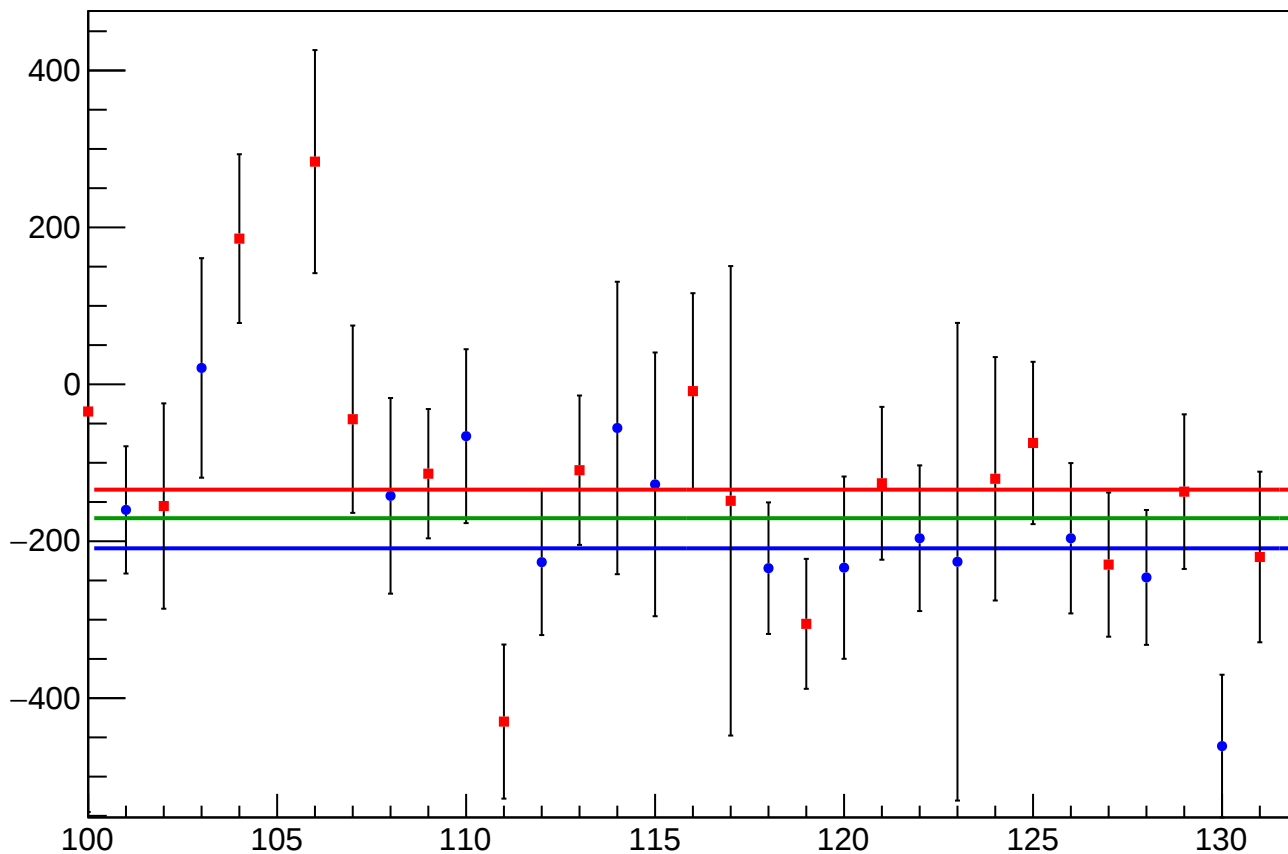
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -209.034 $\pm$ 27.489 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -134.236 $\pm$ 26.752 χ^2 /NDF: 34.6/16

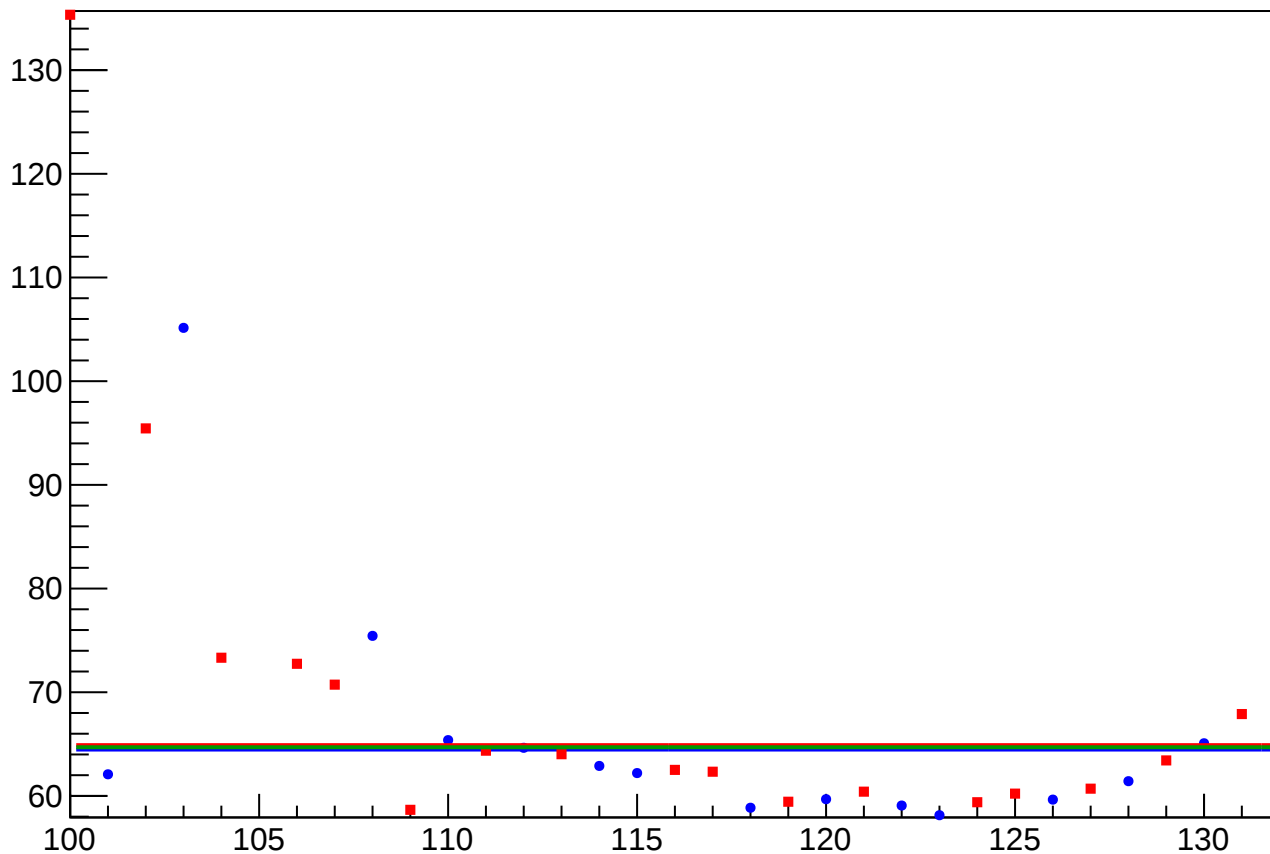
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-209.034 $\pm$ 27.489 χ^2 /NDF: 14.1/14

-170.619 $\pm$ 19.172 χ^2 /NDF: 52.5/31

-134.236 $\pm$ 26.752 χ^2 /NDF: 34.6/16

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.475+/-0.019 χ^2/NDF : 217042.5/14

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

Right Out: 64.897+/-0.019 χ^2/NDF : 208479.8/16

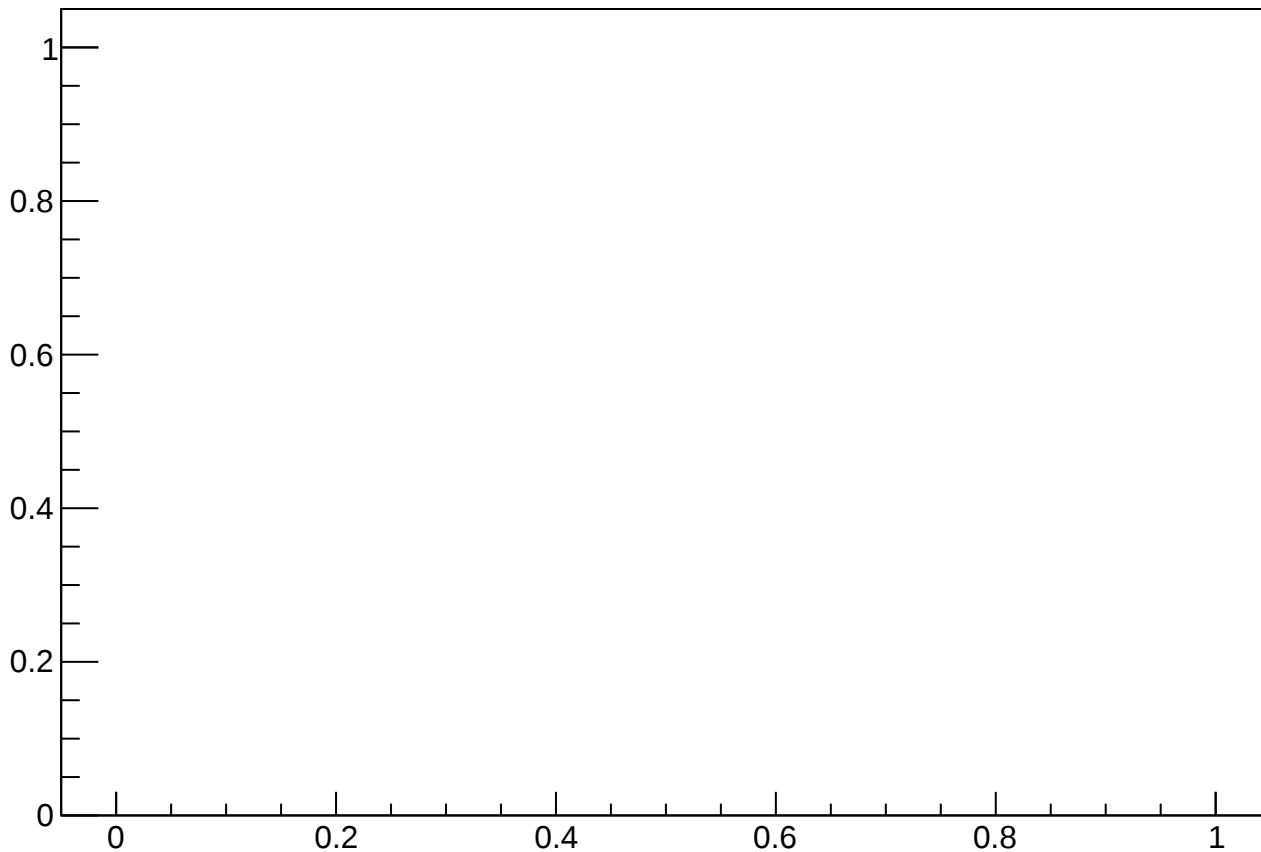
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.475+/-0.019 χ^2/NDF : 217042.5/14

64.692+/-0.014 χ^2/NDF : 425764.7/31

64.897+/-0.019 χ^2/NDF : 208479.8/16

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

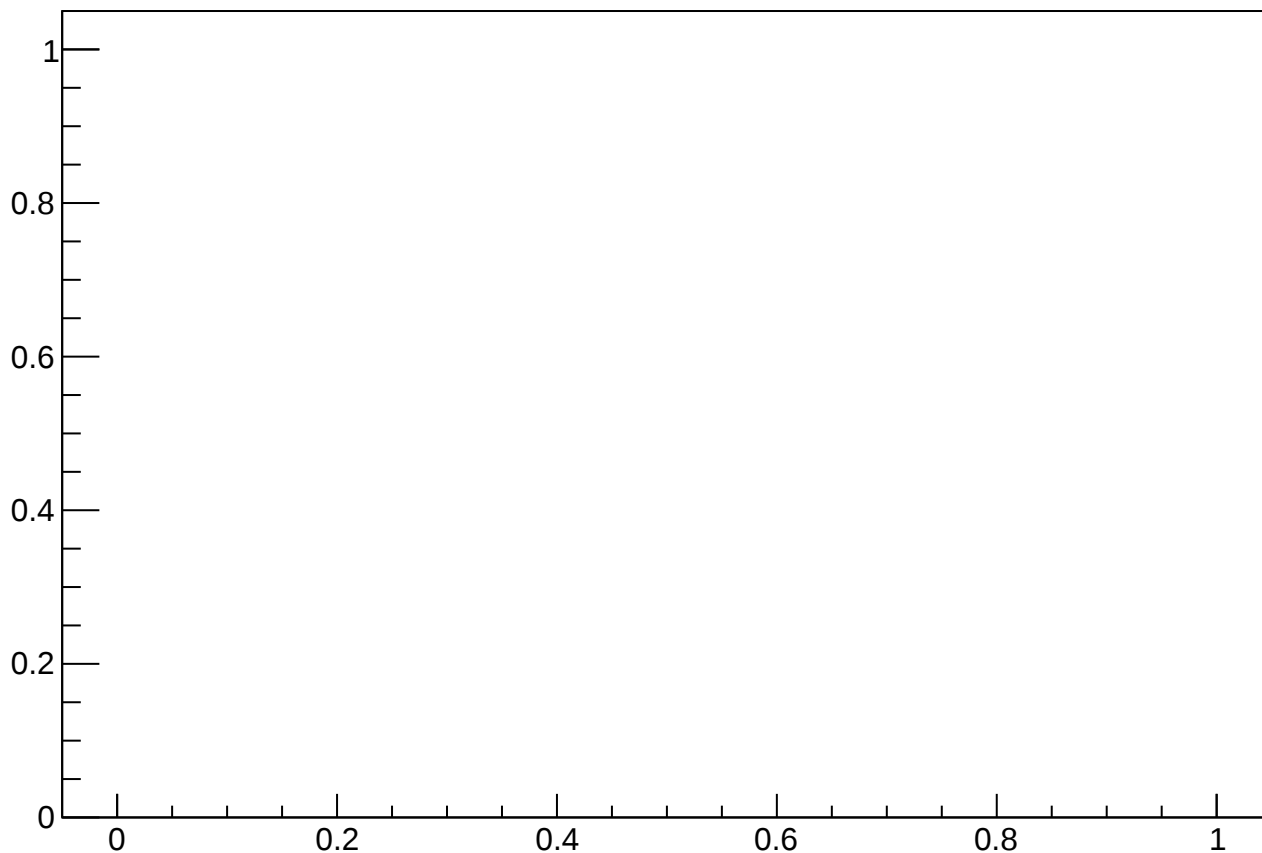
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

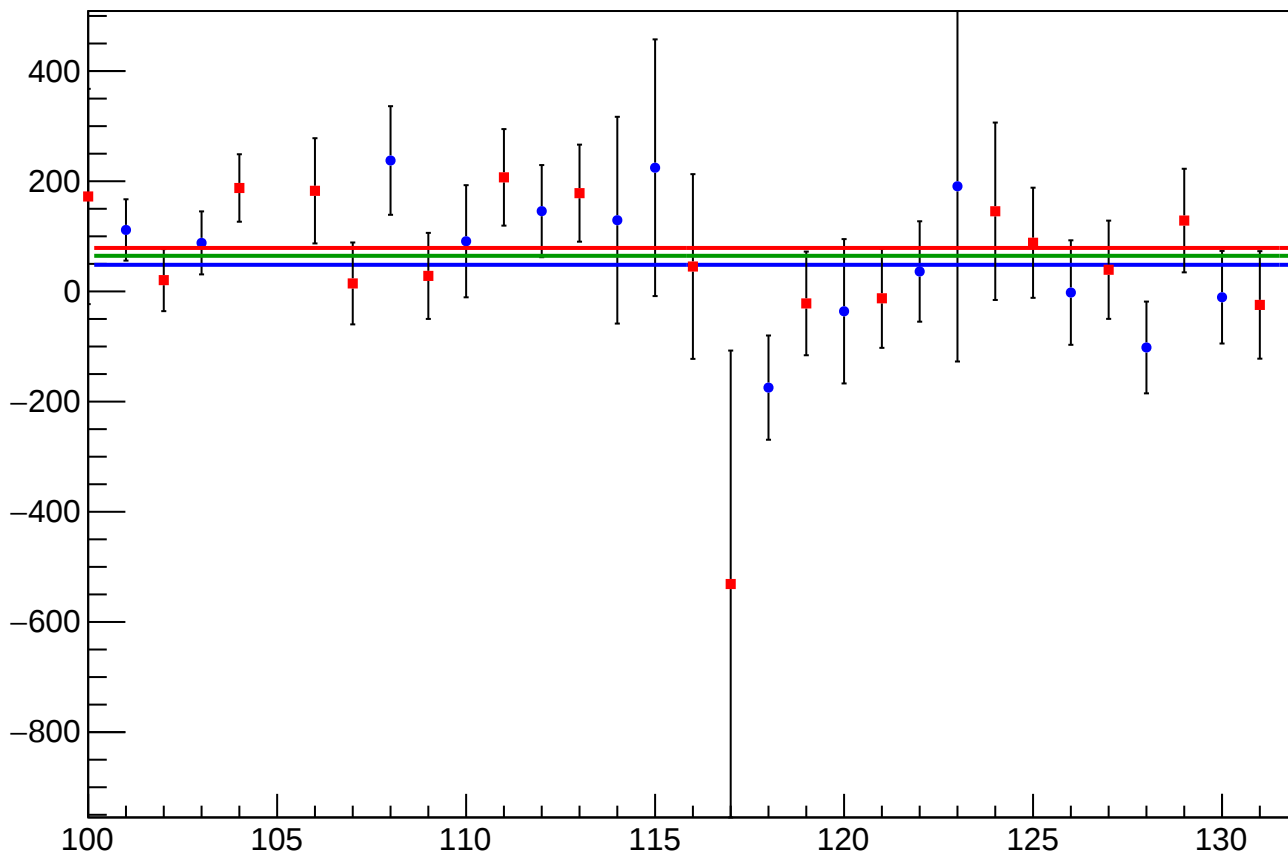
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 48.292 $\pm$ 23.443 χ^2 /NDF: 19.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.907 $\pm$ 21.914 χ^2 /NDF: 16.3/16

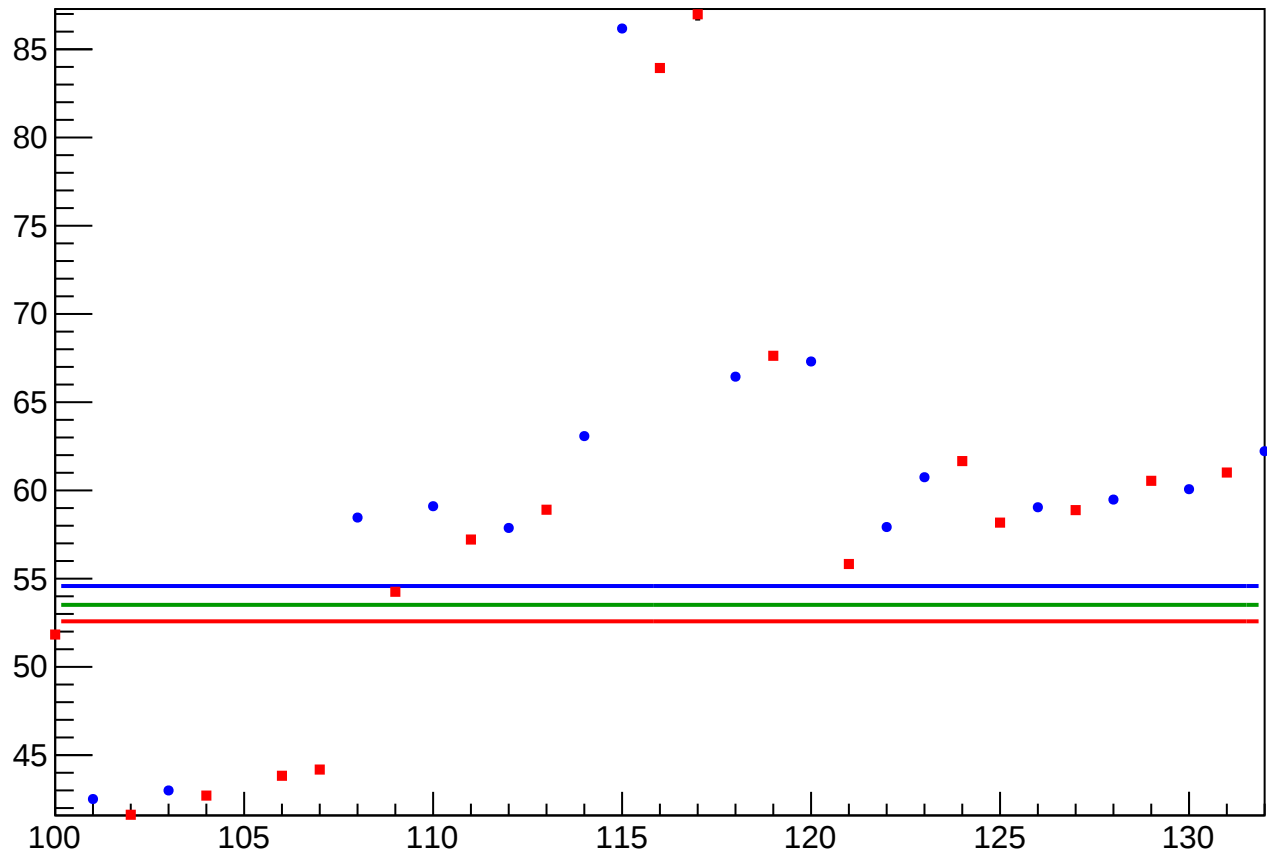
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

48.292 $\pm$ 23.443 χ^2 /NDF: 19.0/14

64.630 $\pm$ 16.009 χ^2 /NDF: 36.2/31

78.907 $\pm$ 21.914 χ^2 /NDF: 16.3/16

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.583+/-0.017 χ^2/NDF : 313035.2/14

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

Right Out: 52.582+/-0.015 χ^2/NDF : 375809.8/16

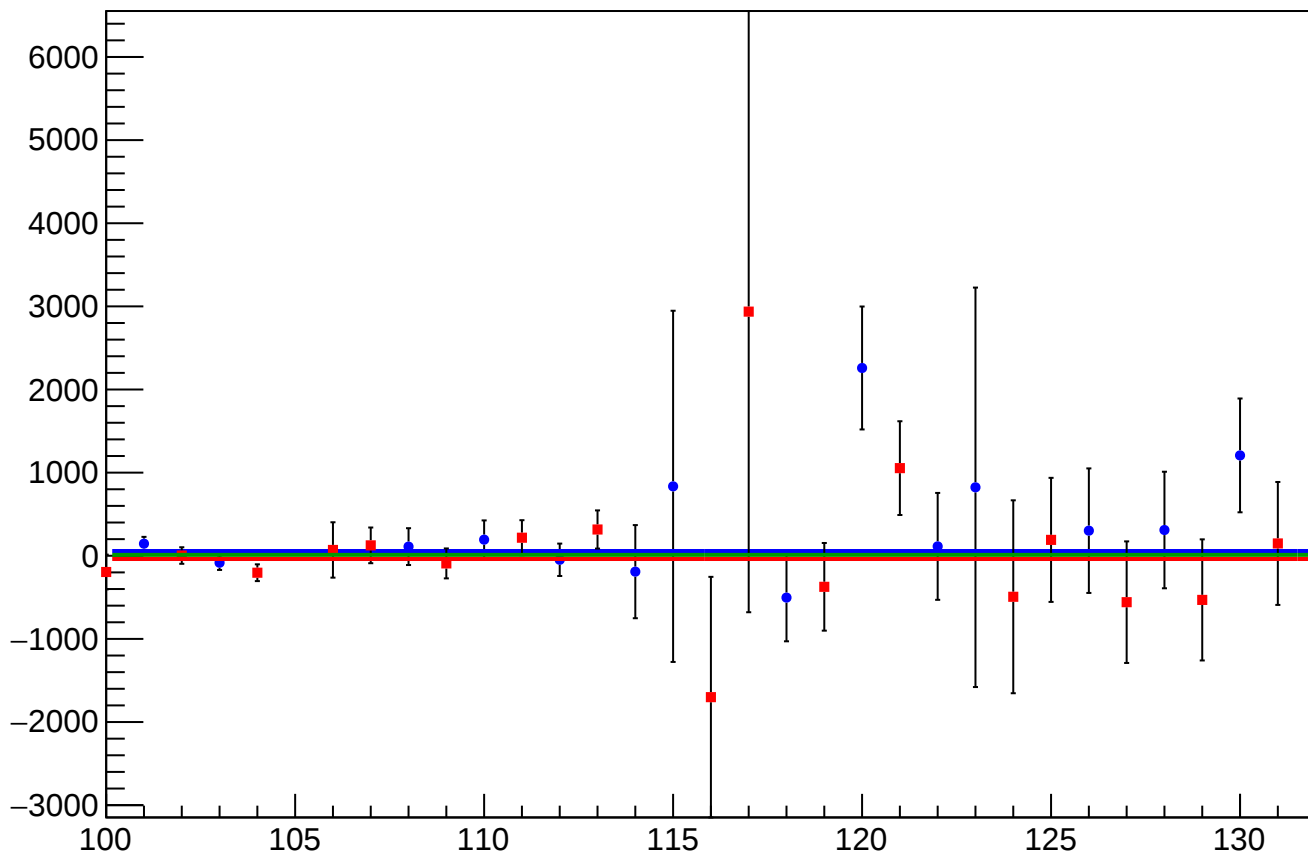
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.583+/-0.017 χ^2/NDF : 313035.2/14

53.515+/-0.011 χ^2/NDF : 696619.8/31

52.582+/-0.015 χ^2/NDF : 375809.8/16

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 57.180+/-52.305 χ^2/NDF : 18.1/14

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

Right Out: -38.875+/-54.186 χ^2/NDF : 15.5/16

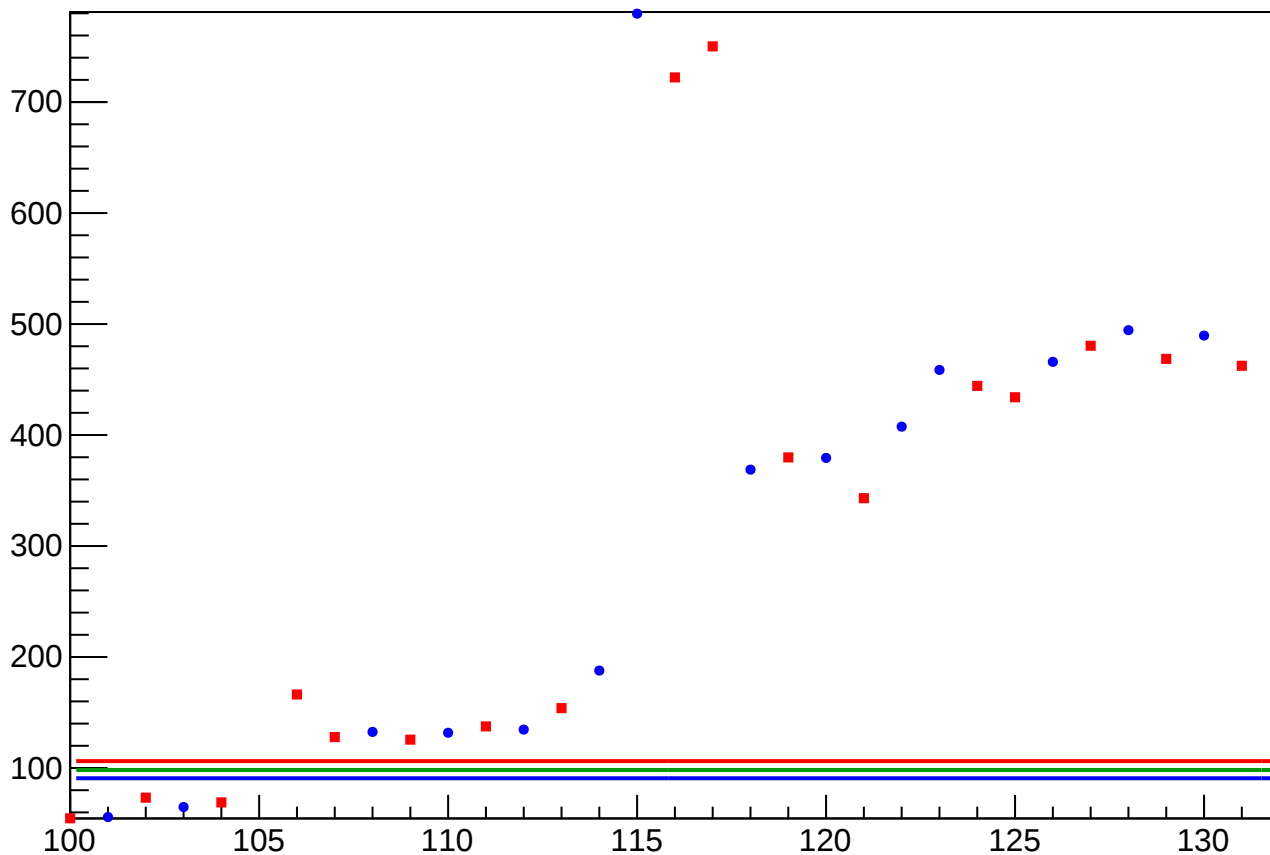
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

57.180+/-52.305 χ^2/NDF : 18.1/14

10.848+/-37.633 χ^2/NDF : 35.2/31

-38.875+/-54.186 χ^2/NDF : 15.5/16

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 90.758+/-0.037 χ^2/NDF : 4820786.8/14

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

Right Out: 106.206+/-0.038 χ^2/NDF : 4207613.4/16

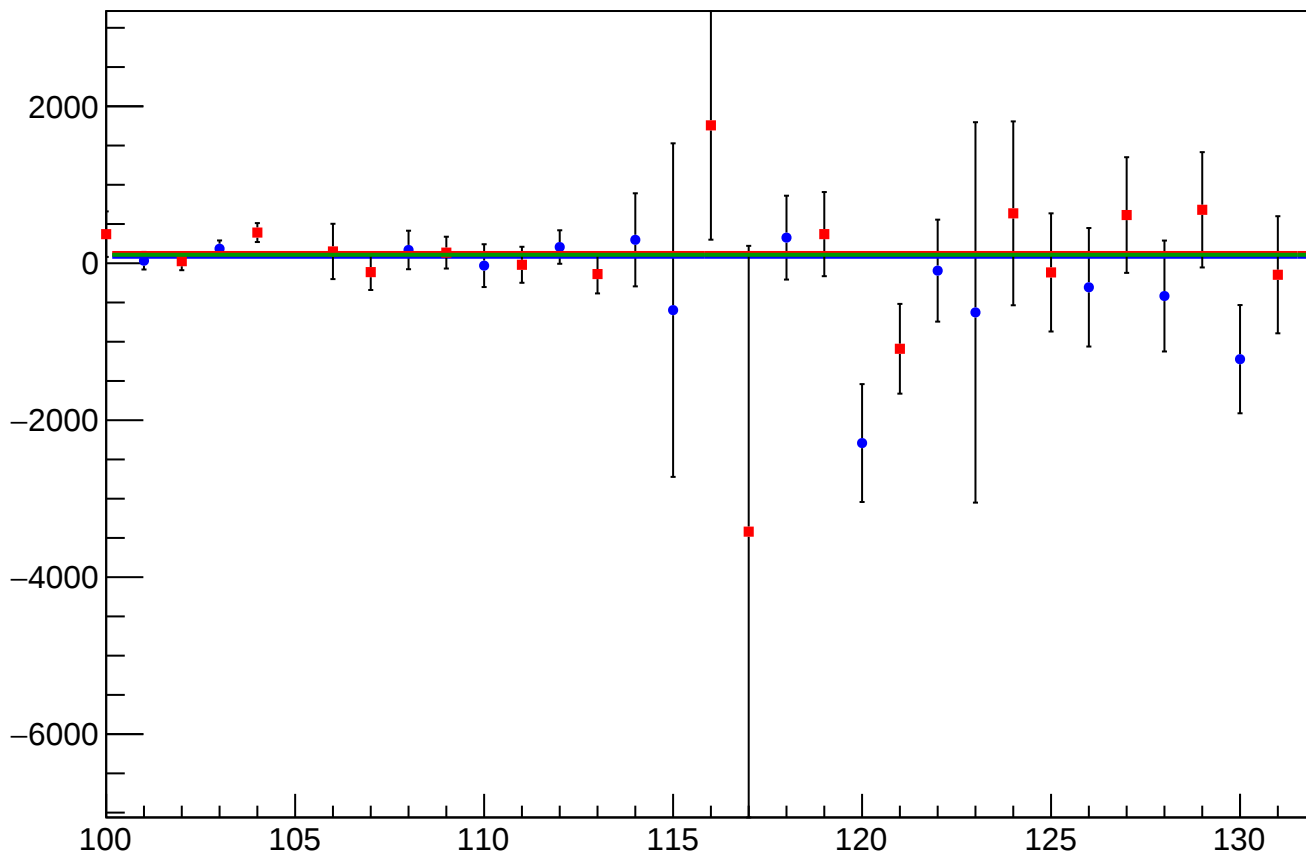
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.758+/-0.037 χ^2/NDF : 4820786.8/14

98.210+/-0.027 χ^2/NDF : 9112549.0/31

106.206+/-0.038 χ^2/NDF : 4207613.4/16

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 82.801+/-64.528 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.038+/-62.175 χ^2/NDF : 17.3/16

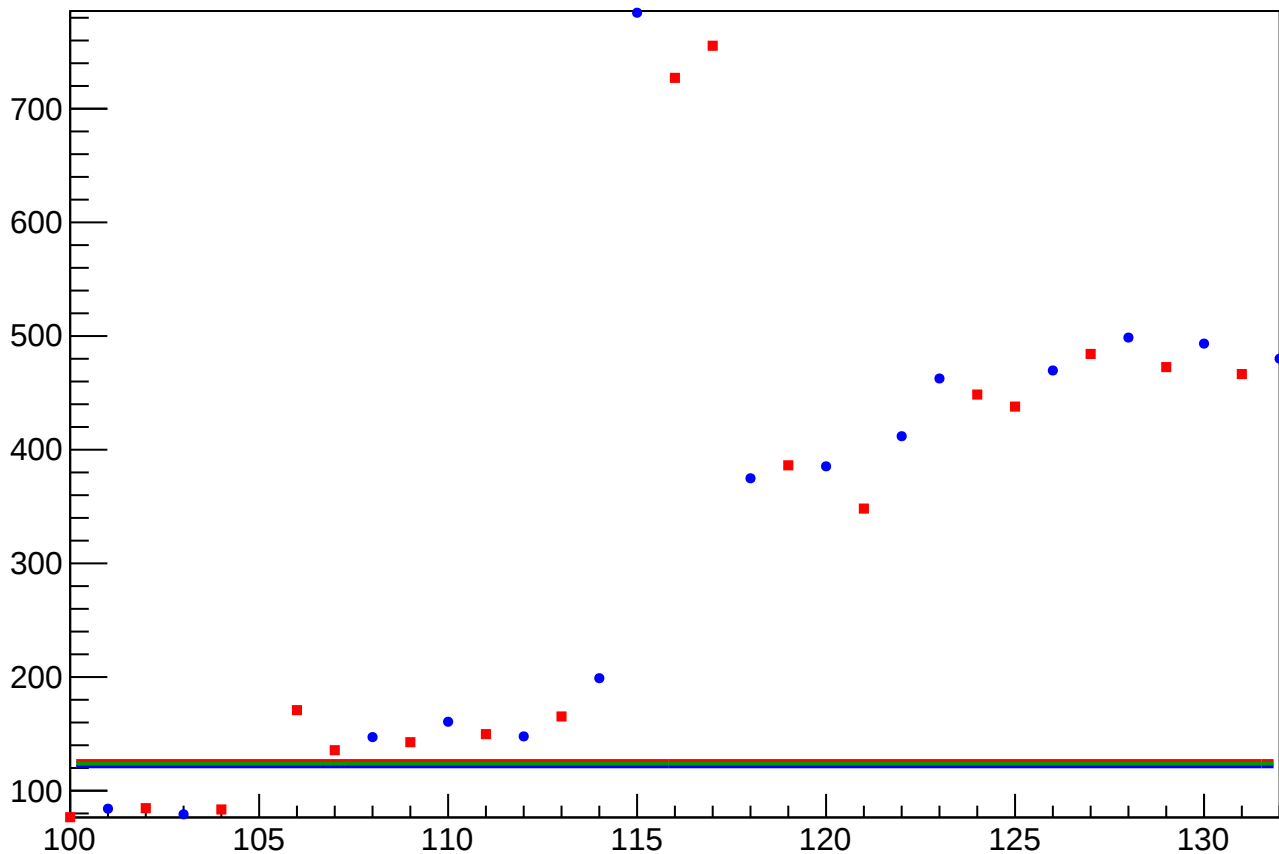
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.801+/-64.528 χ^2/NDF : 16.7/14

107.815+/-44.773 χ^2/NDF : 34.3/31

131.038+/-62.175 χ^2/NDF : 17.3/16

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 121.505+/-0.046 χ^2/NDF : 4029763.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.083+/-0.044 χ^2/NDF : 3690893.0/16

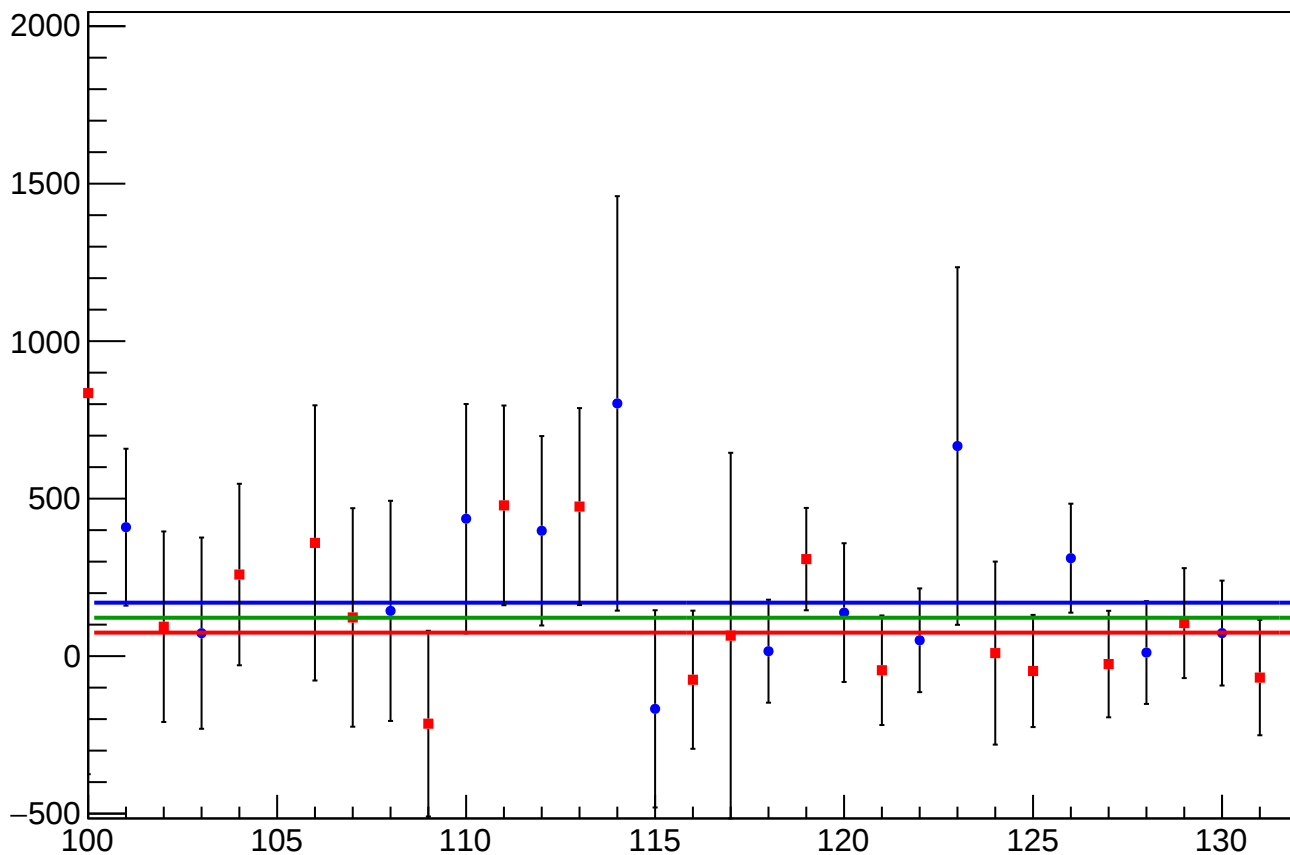
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

121.505+/-0.046 χ^2/NDF : 4029763.4/14

123.879+/-0.032 χ^2/NDF : 7725878.8/31

126.083+/-0.044 χ^2/NDF : 3690893.0/16

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 169.723 $\pm$ 57.698 χ^2 /NDF: 11.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.665 $\pm$ 57.301 χ^2 /NDF: 10.0/16

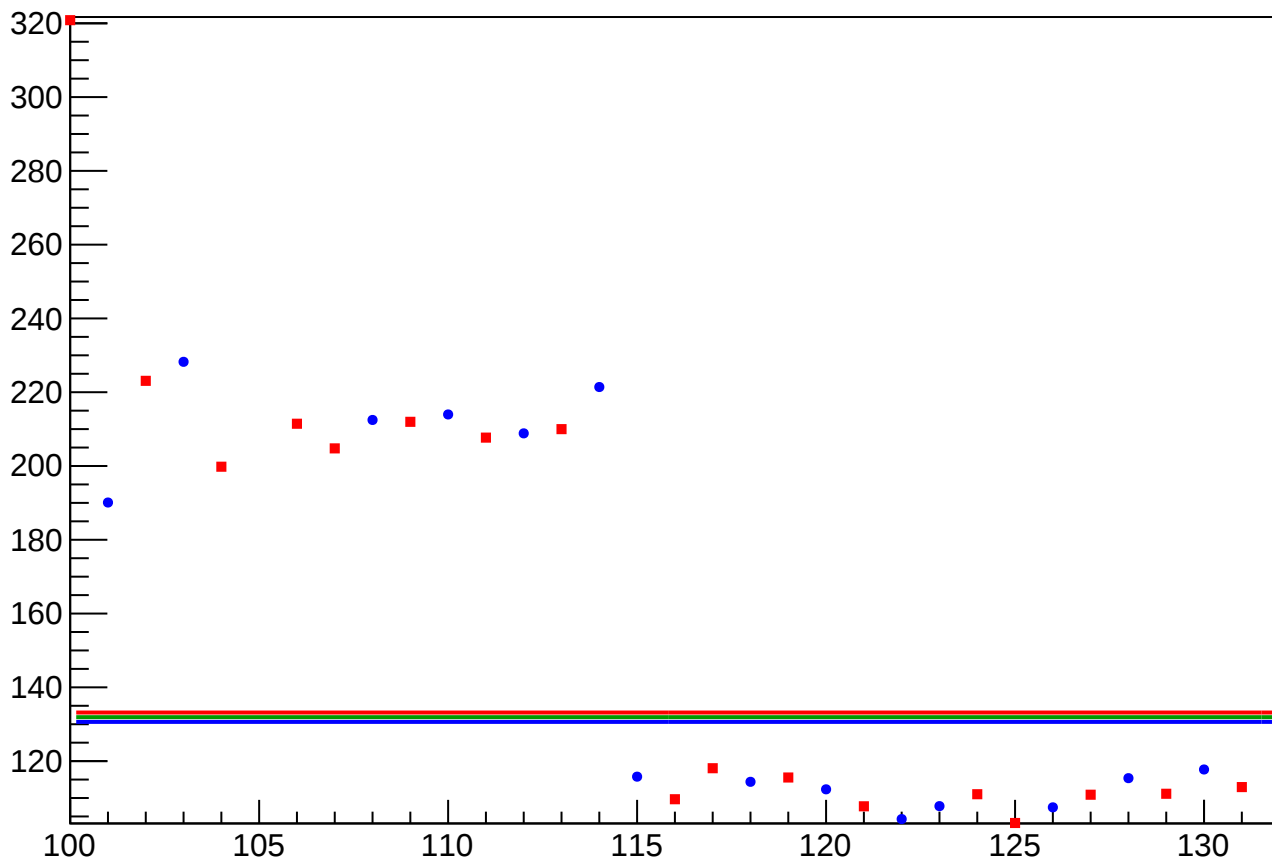
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

169.723 $\pm$ 57.698 χ^2 /NDF: 11.1/14

121.866 $\pm$ 40.657 χ^2 /NDF: 22.4/31

74.665 $\pm$ 57.301 χ^2 /NDF: 10.0/16

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 130.635 $\pm$ 0.041 χ^2 /NDF: 877417.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.174 $\pm$ 0.041 χ^2 /NDF: 1104922.1/16

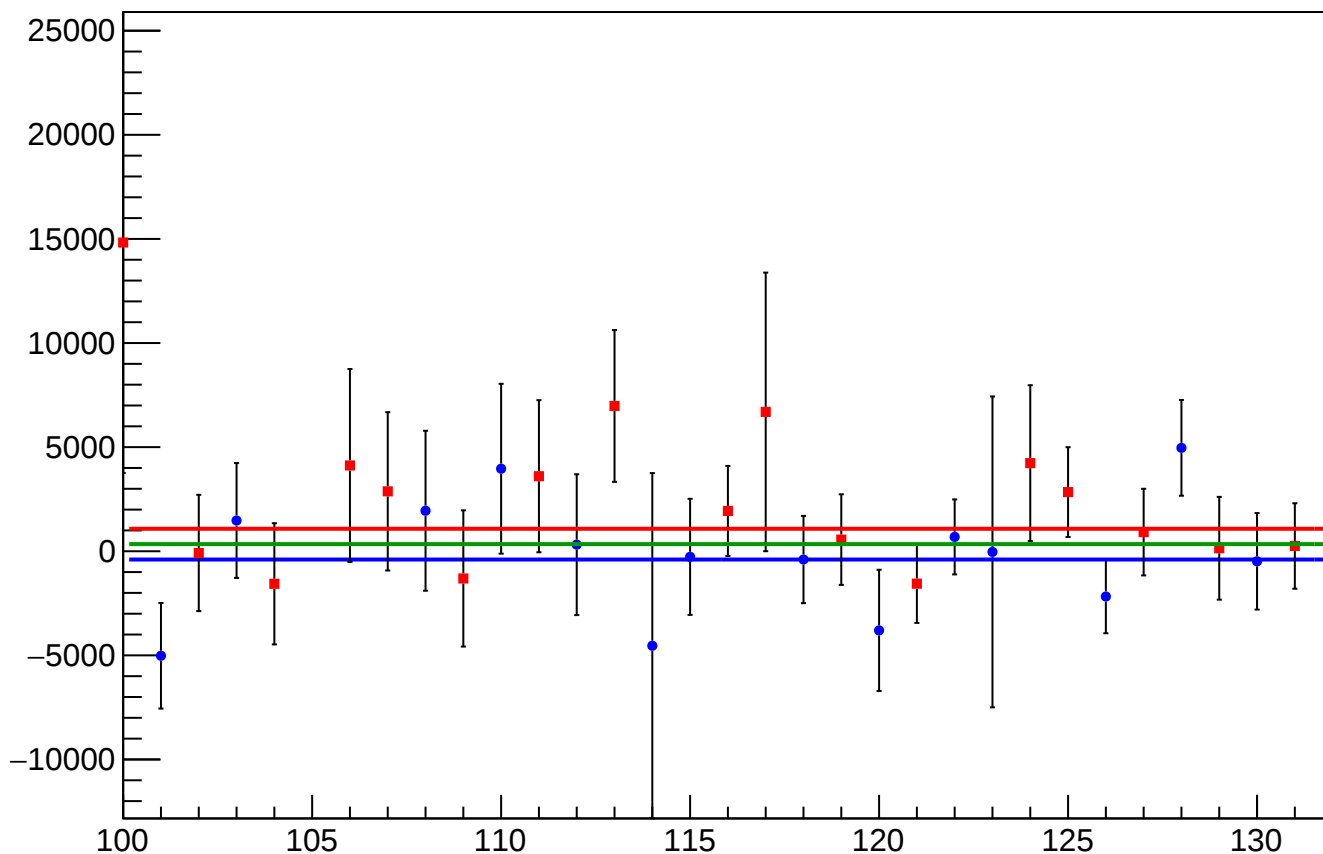
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.635 $\pm$ 0.041 χ^2 /NDF: 877417.5/14

131.913 $\pm$ 0.029 χ^2 /NDF: 1984288.9/31

133.174 $\pm$ 0.041 χ^2 /NDF: 1104922.1/16

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -397.645+/-666.231 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.843+/-664.910 χ^2/NDF : 11.4/16

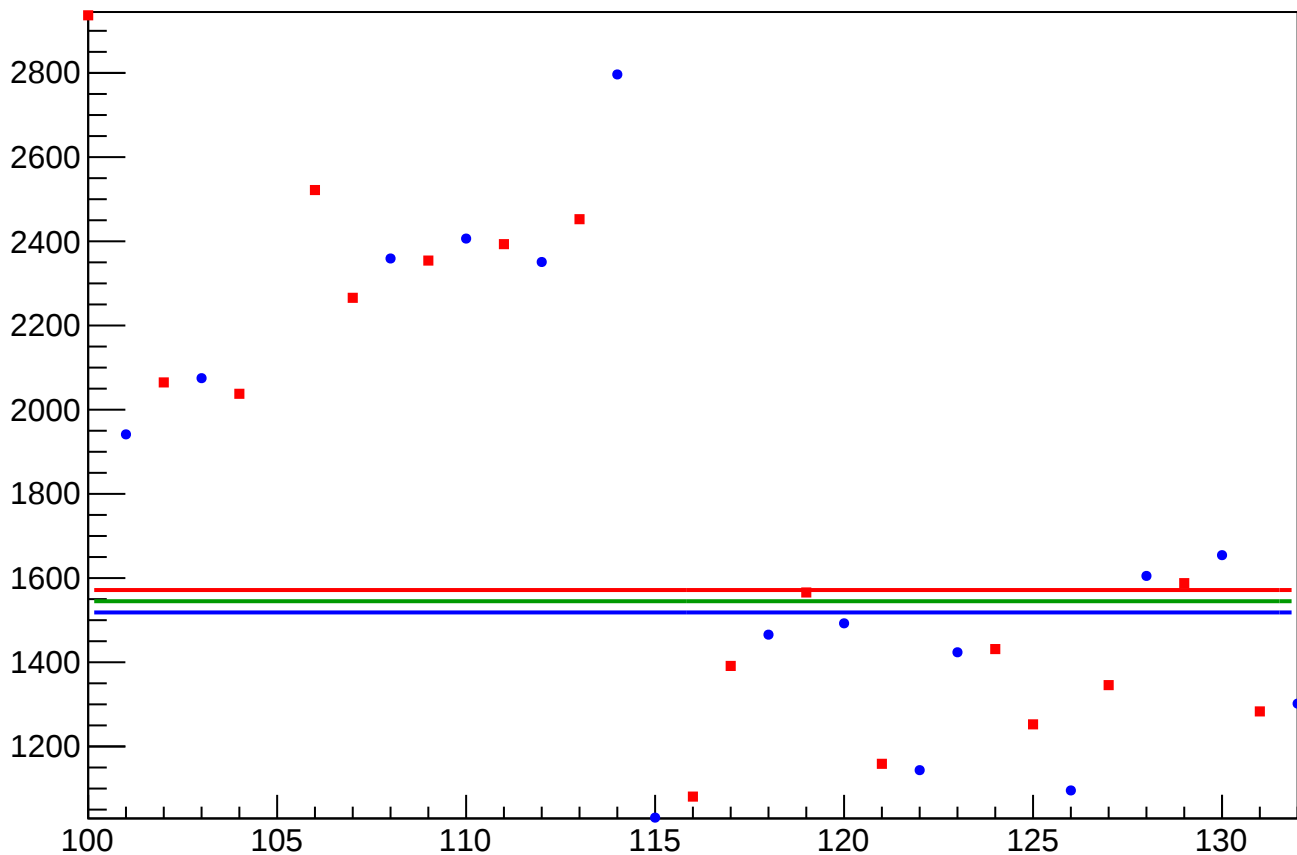
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-397.645+/-666.231 χ^2/NDF : 14.3/14

342.565+/-470.629 χ^2/NDF : 28.1/31

1079.843+/-664.910 χ^2/NDF : 11.4/16

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1518.354+/-0.471 χ^2/NDF : 792934.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1571.595+/-0.470 χ^2/NDF : 937580.3/16

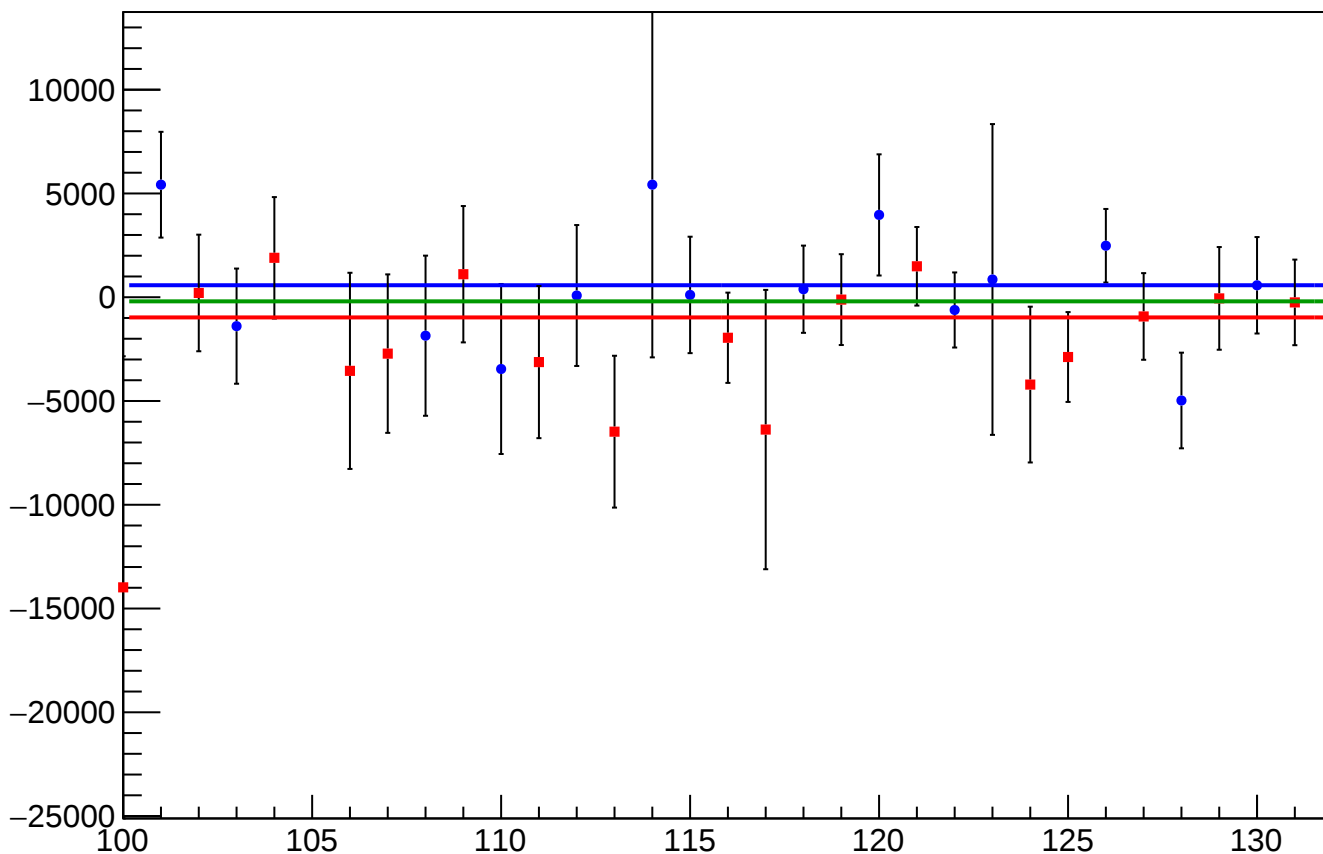
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1518.354+/-0.471 χ^2/NDF : 792934.7/14

1545.028+/-0.333 χ^2/NDF : 1736913.9/31

1571.595+/-0.470 χ^2/NDF : 937580.3/16

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 578.263+/-669.079 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -972.745+/-668.095 χ^2/NDF : 10.5/16

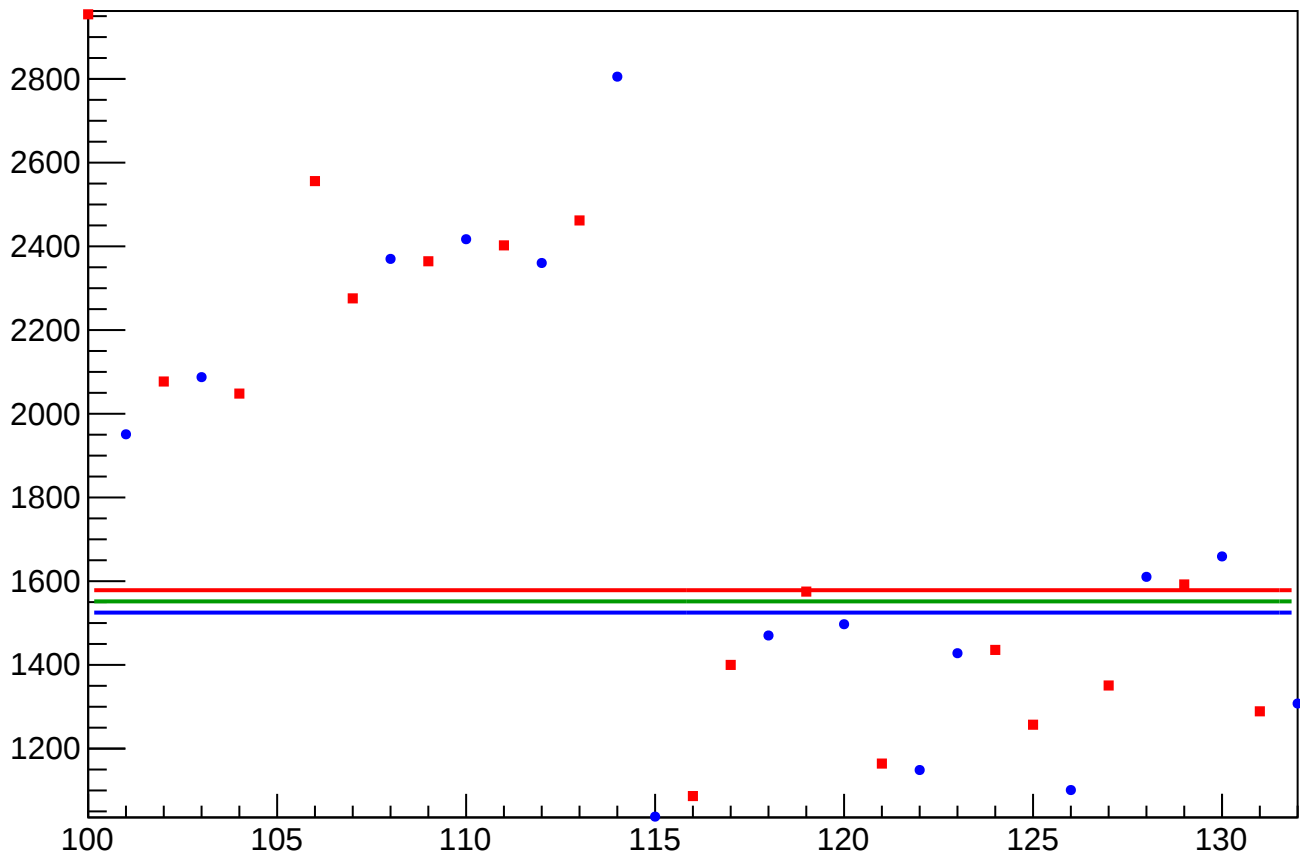
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

578.263+/-669.079 χ^2/NDF : 15.3/14

-198.383+/-472.762 χ^2/NDF : 28.5/31

-972.745+/-668.095 χ^2/NDF : 10.5/16

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1524.950+/-0.473 χ^2/NDF : 792130.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.441+/-0.472 χ^2/NDF : 939076.6/16

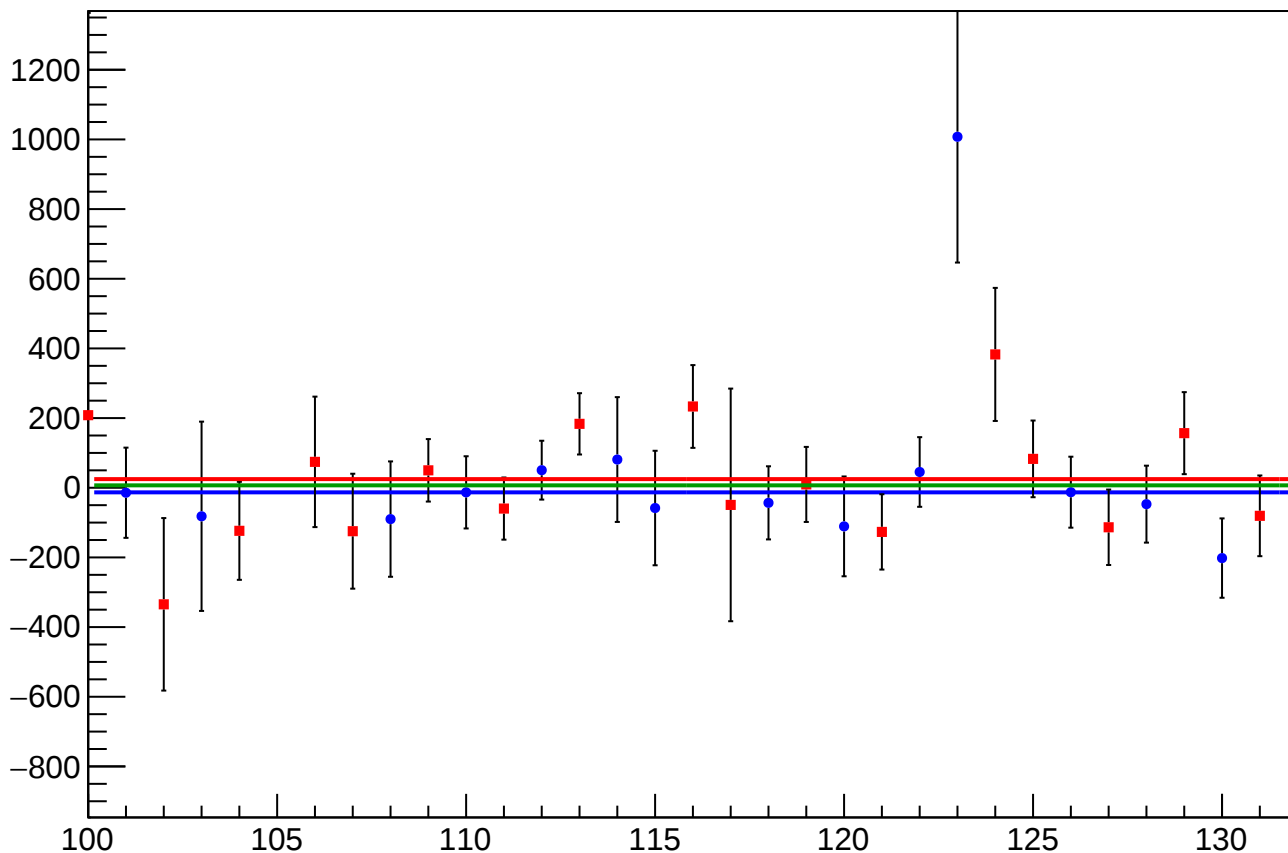
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1524.950+/-0.473 χ^2/NDF : 792130.8/14

1551.735+/-0.334 χ^2/NDF : 1737608.3/31

1578.441+/-0.472 χ^2/NDF : 939076.6/16

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -13.199+/-31.869 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.809+/-30.079 χ^2/NDF : 21.0/16

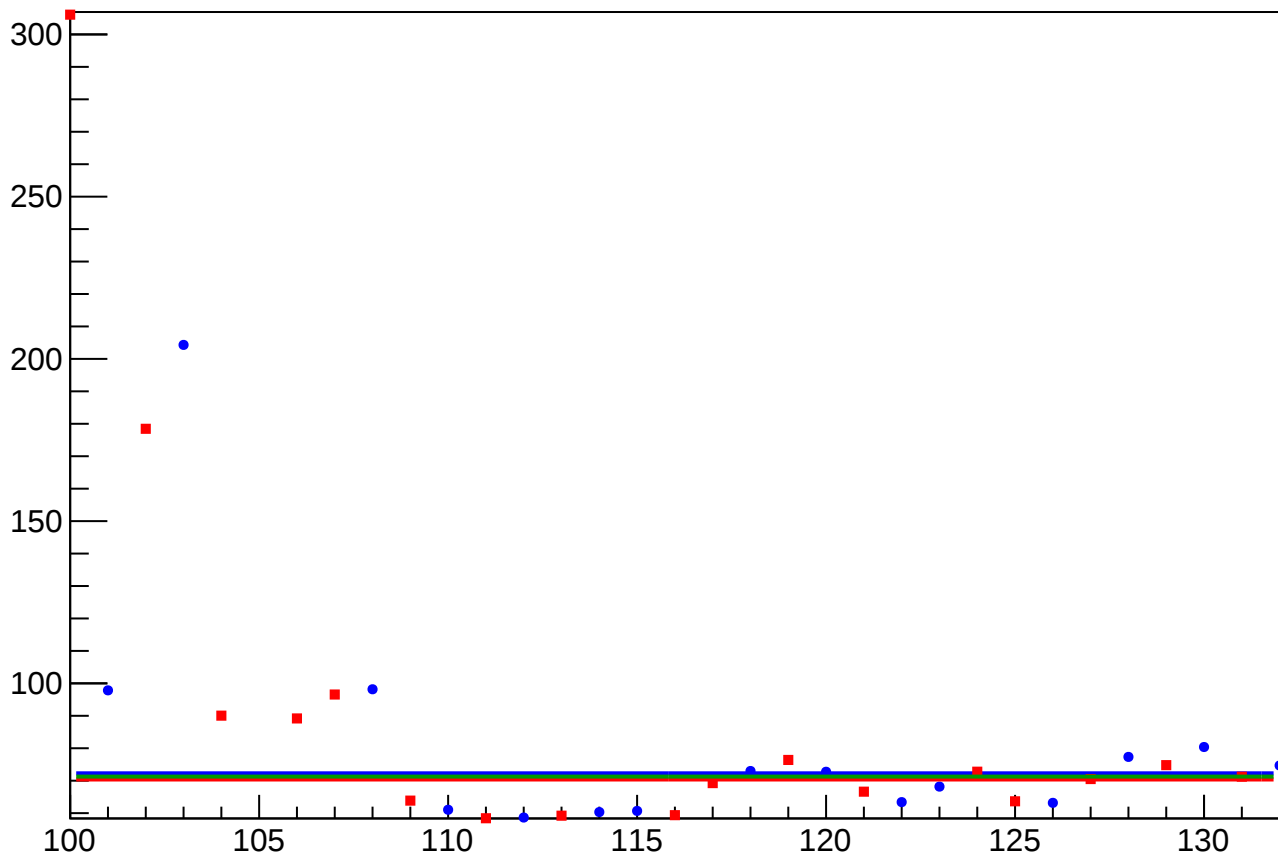
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.199+/-31.869 χ^2/NDF : 13.2/14

6.903+/-21.875 χ^2/NDF : 35.0/31

24.809+/-30.079 χ^2/NDF : 21.0/16

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 72.277+/-0.023 χ^2/NDF : 740854.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.367+/-0.021 χ^2/NDF : 689063.0/16

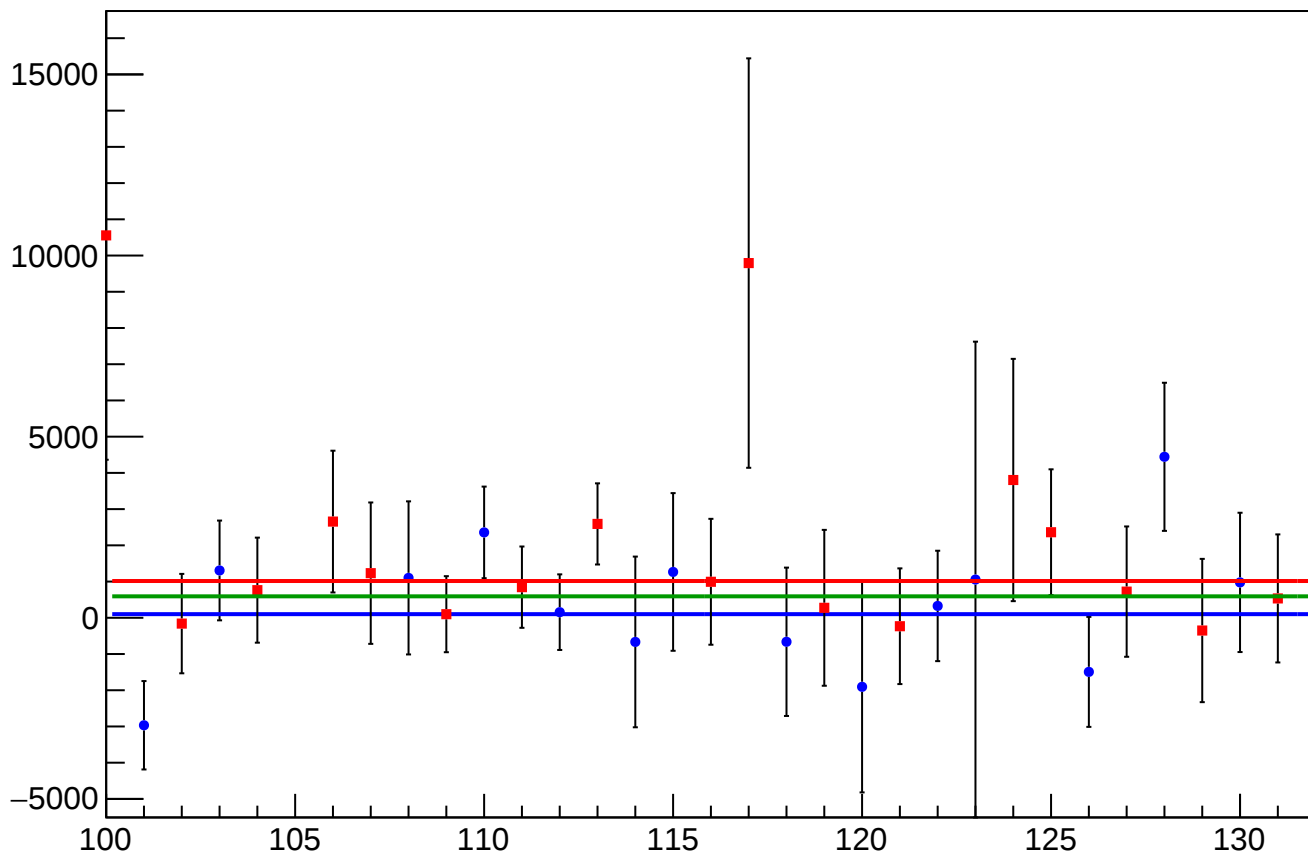
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.277+/-0.023 χ^2/NDF : 740854.6/14

71.267+/-0.015 χ^2/NDF : 1433717.1/31

70.367+/-0.021 χ^2/NDF : 689063.0/16

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 100.502 $\pm$ 428.500 χ^2 /NDF: 18.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1015.475 $\pm$ 397.410 χ^2 /NDF: 11.6/16

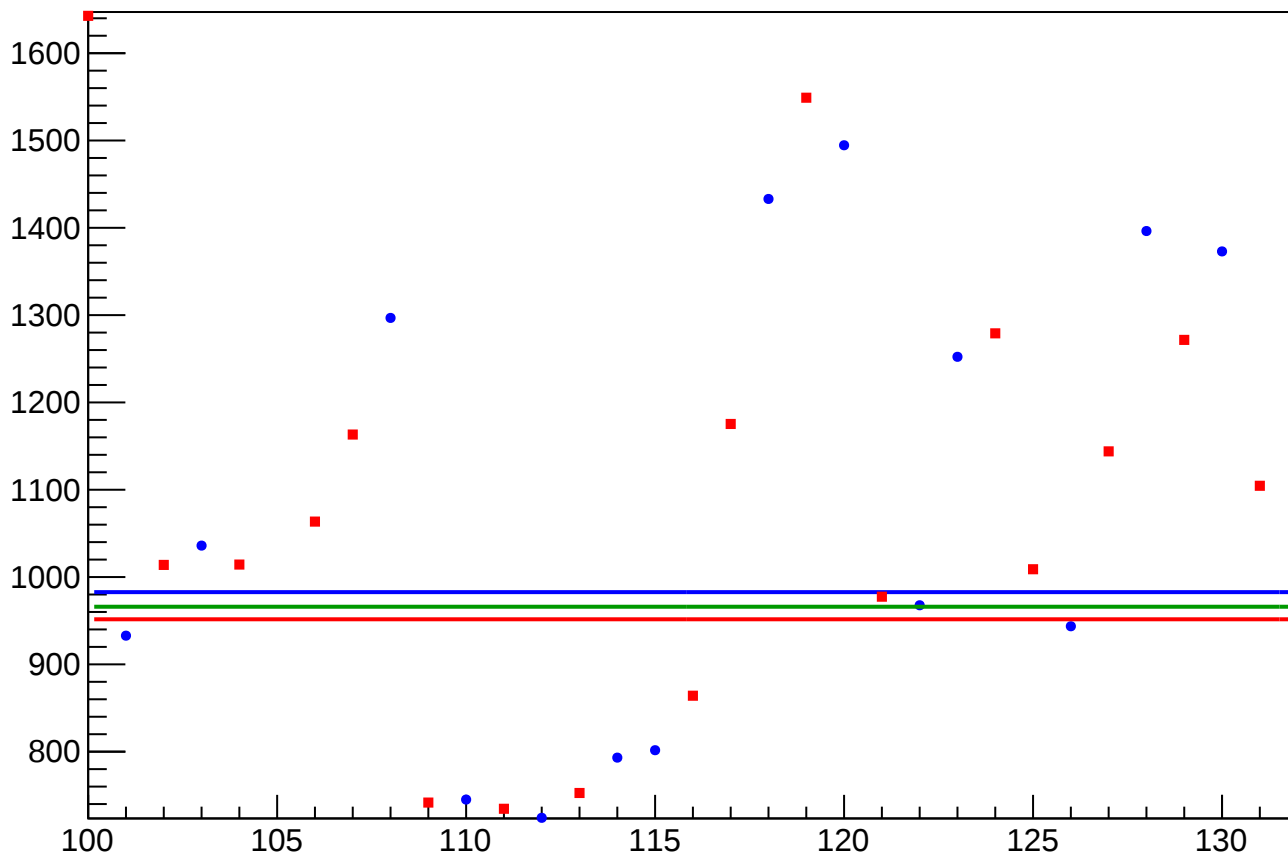
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

100.502 $\pm$ 428.500 χ^2 /NDF: 18.7/14

592.383 $\pm$ 291.383 χ^2 /NDF: 32.7/31

1015.475 $\pm$ 397.410 χ^2 /NDF: 11.6/16

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 982.720+/-0.303 χ^2/NDF : 606982.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.621+/-0.281 χ^2/NDF : 555204.8/16

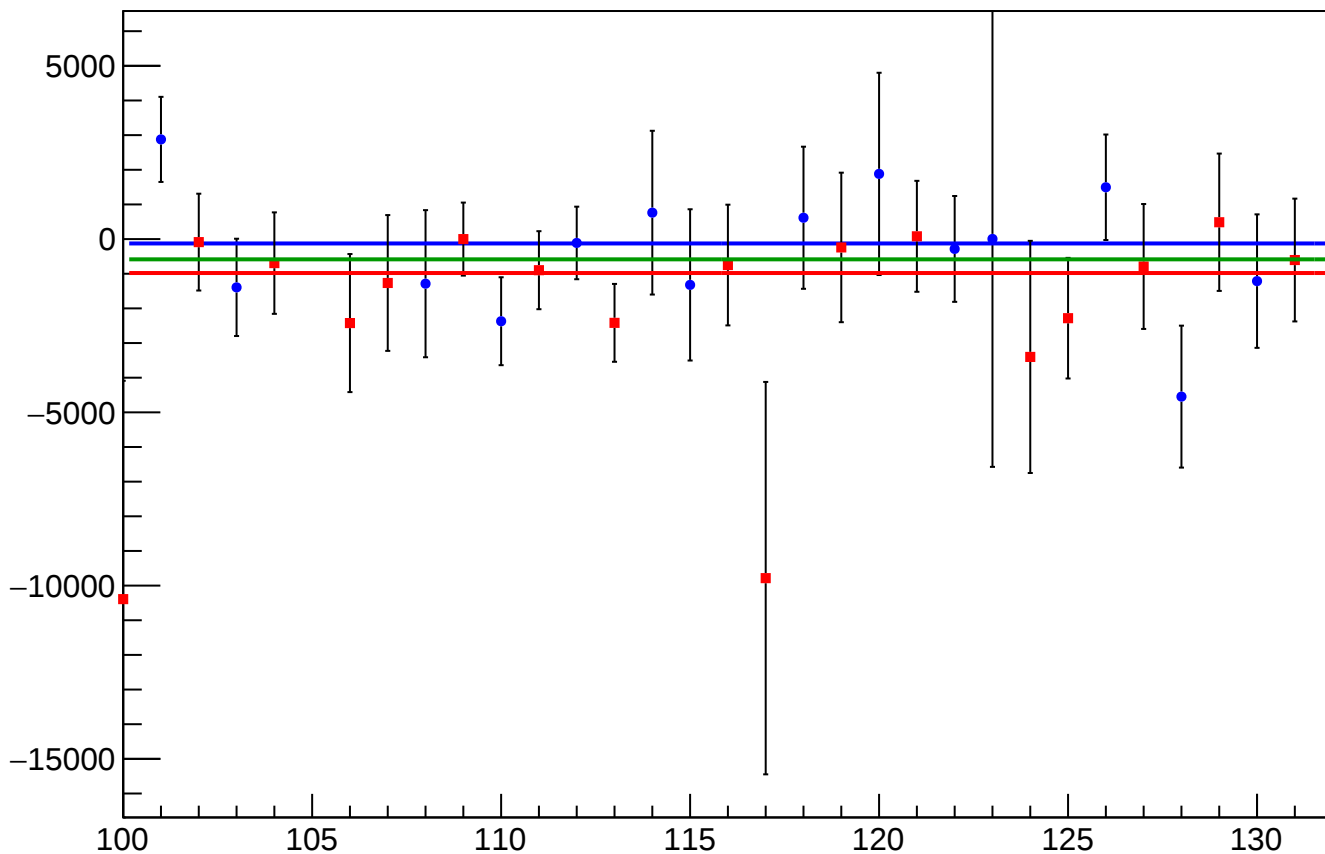
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

982.720+/-0.303 χ^2/NDF : 606982.5/14

966.001+/-0.206 χ^2/NDF : 1167850.7/31

951.621+/-0.281 χ^2/NDF : 555204.8/16

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -125.962+/-430.544 χ^2/NDF : 18.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -979.321+/-399.541 χ^2/NDF : 10.4/16

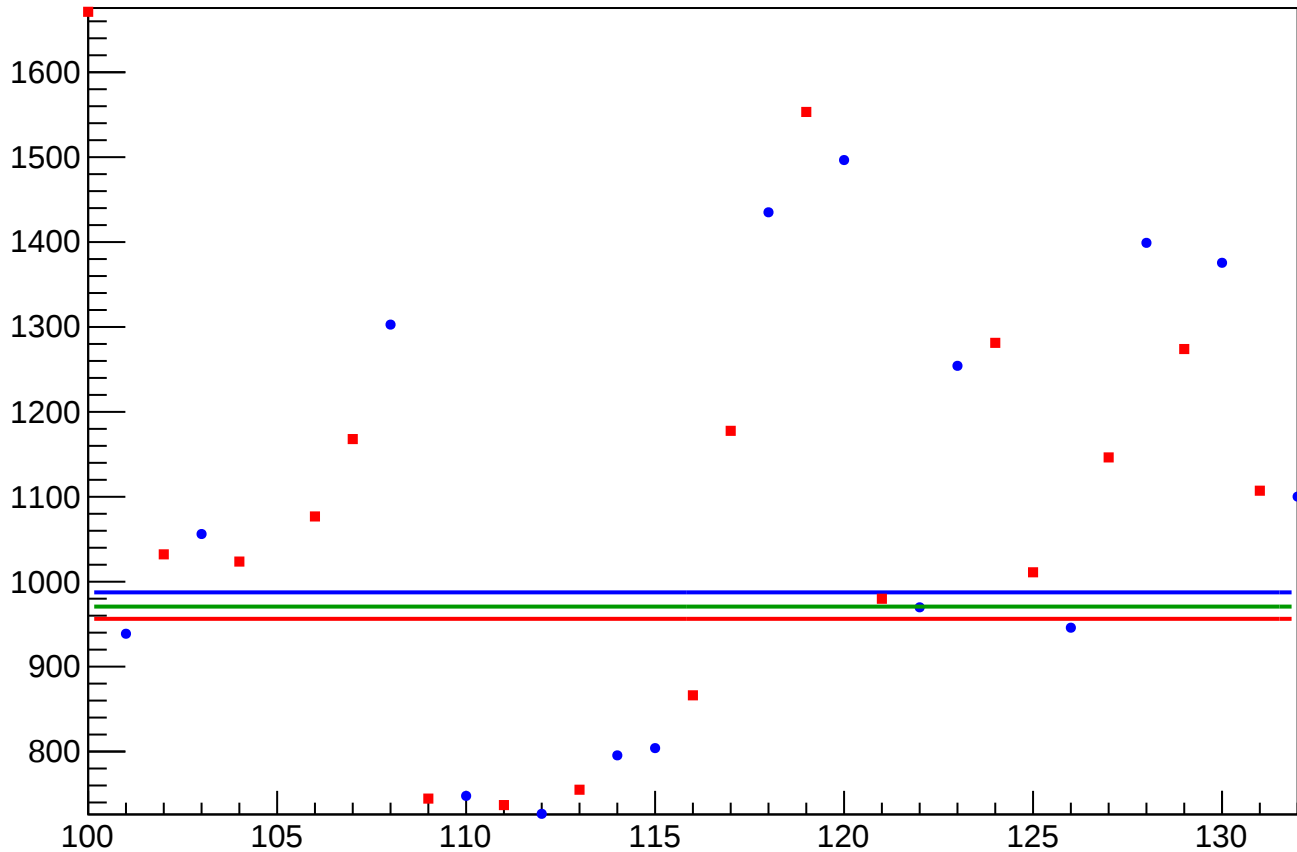
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-125.962+/-430.544 χ^2/NDF : 18.8/14

-584.469+/-292.866 χ^2/NDF : 31.3/31

-979.321+/-399.541 χ^2/NDF : 10.4/16

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 987.442 $\pm$ 0.304 χ^2 /NDF: 606556.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 956.278 $\pm$ 0.283 χ^2 /NDF: 558357.2/16

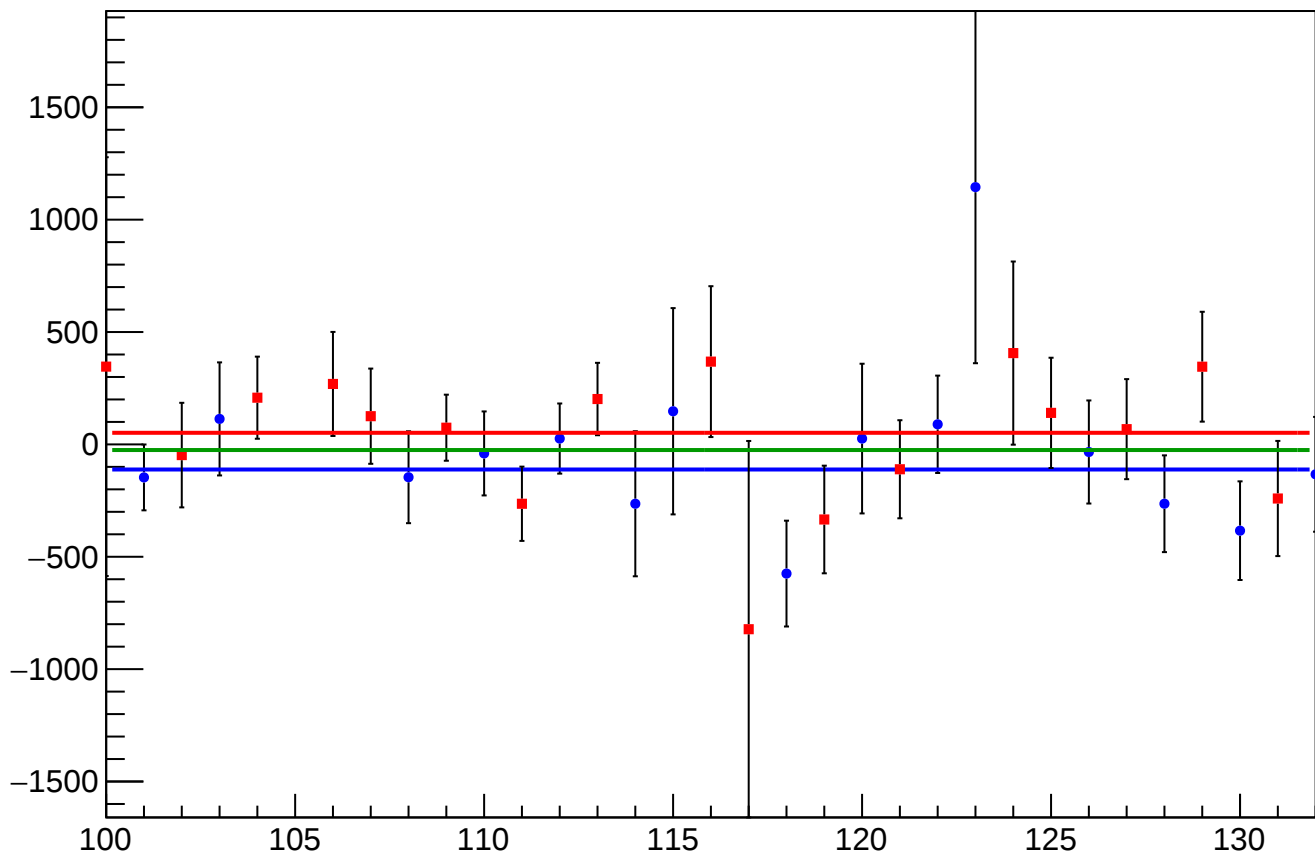
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

987.442 $\pm$ 0.304 χ^2 /NDF: 606556.1/14

970.698 $\pm$ 0.207 χ^2 /NDF: 1170543.2/31

956.278 $\pm$ 0.283 χ^2 /NDF: 558357.2/16

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -111.700+/-58.023 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.619+/-54.592 χ^2/NDF : 15.3/16

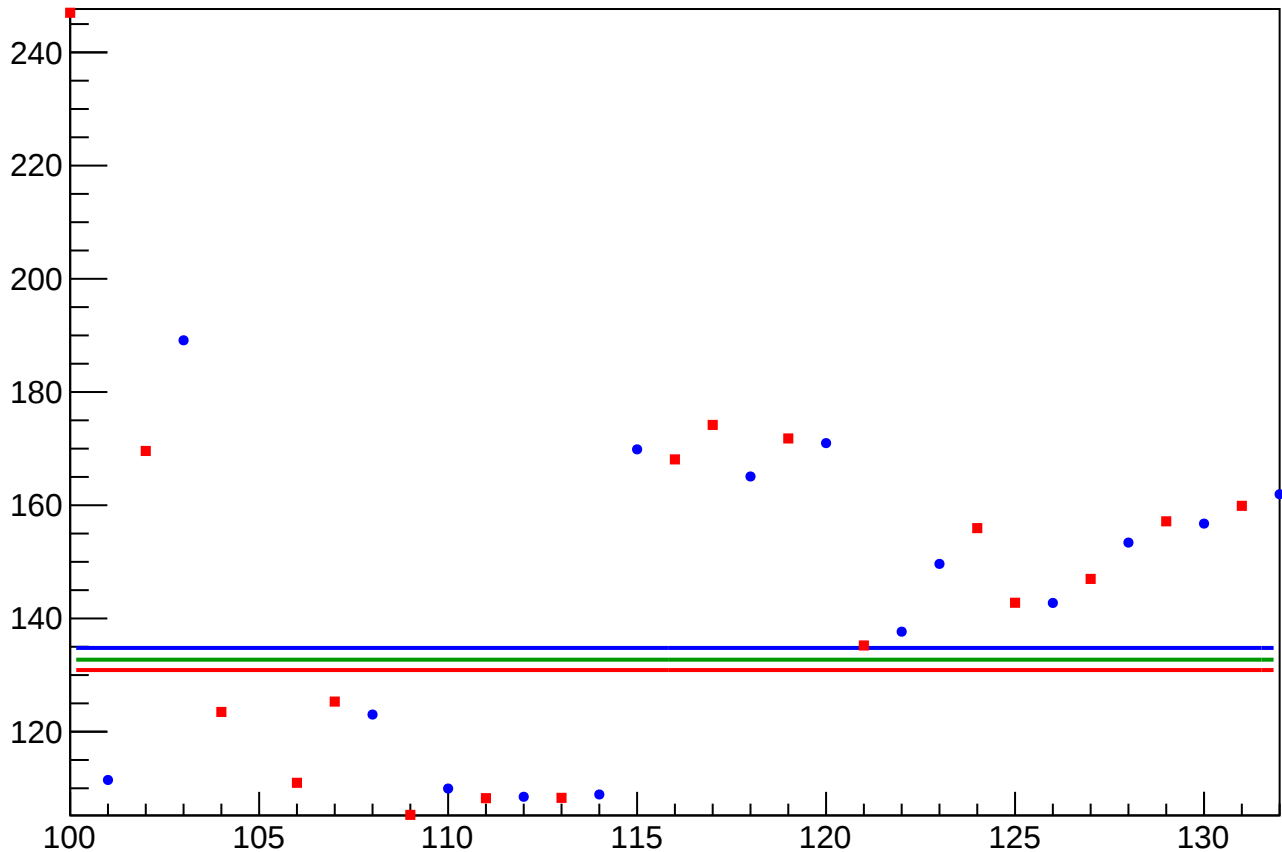
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-111.700+/-58.023 χ^2/NDF : 12.0/14

-25.069+/-39.760 χ^2/NDF : 31.5/31

51.619+/-54.592 χ^2/NDF : 15.3/16

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.795 $\pm$ 0.041 χ^2 /NDF: 385089.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.884 $\pm$ 0.039 χ^2 /NDF: 403876.7/16

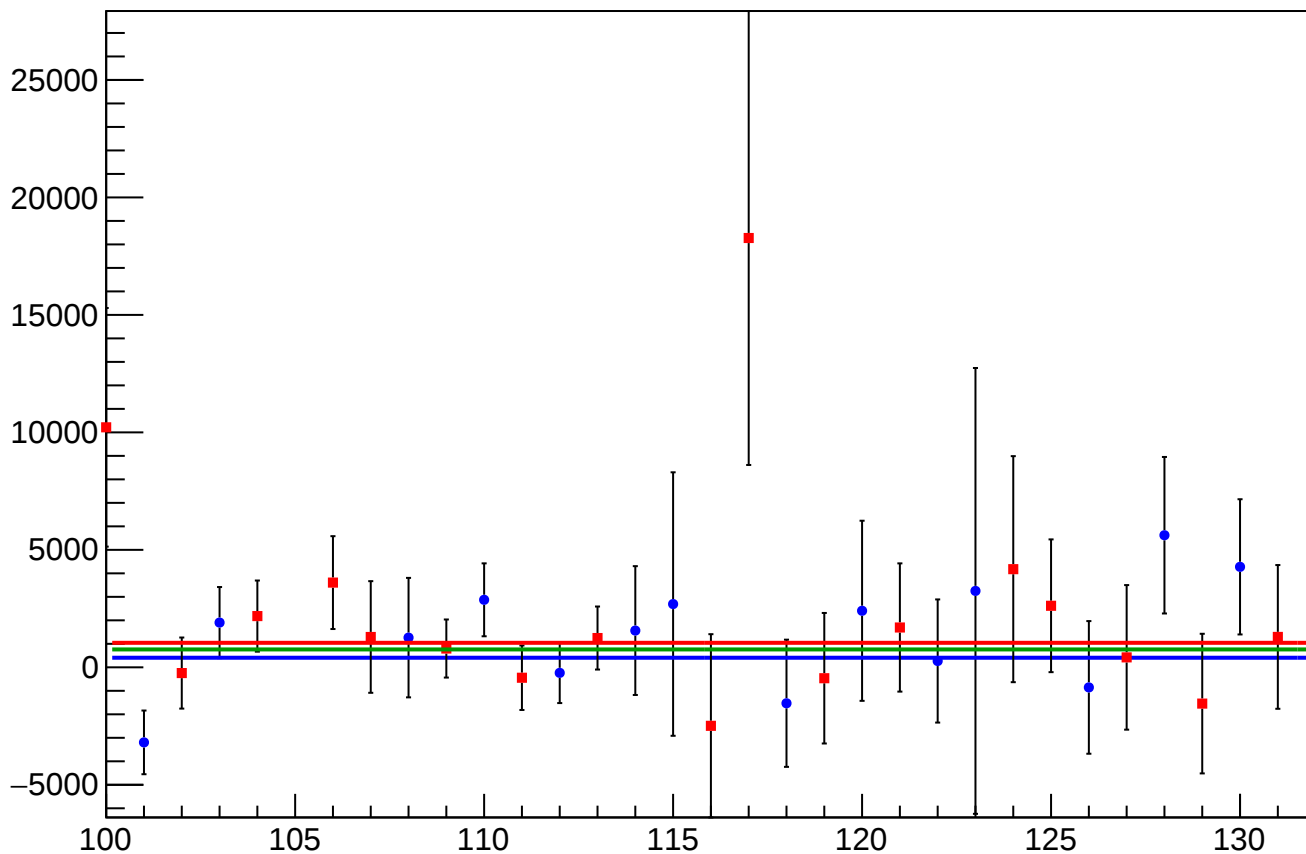
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134.795 $\pm$ 0.041 χ^2 /NDF: 385089.9/14

132.720 $\pm$ 0.028 χ^2 /NDF: 793784.5/31

130.884 $\pm$ 0.039 χ^2 /NDF: 403876.7/16

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 408.186+/-565.470 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.244+/-504.989 χ^2/NDF : 13.4/16

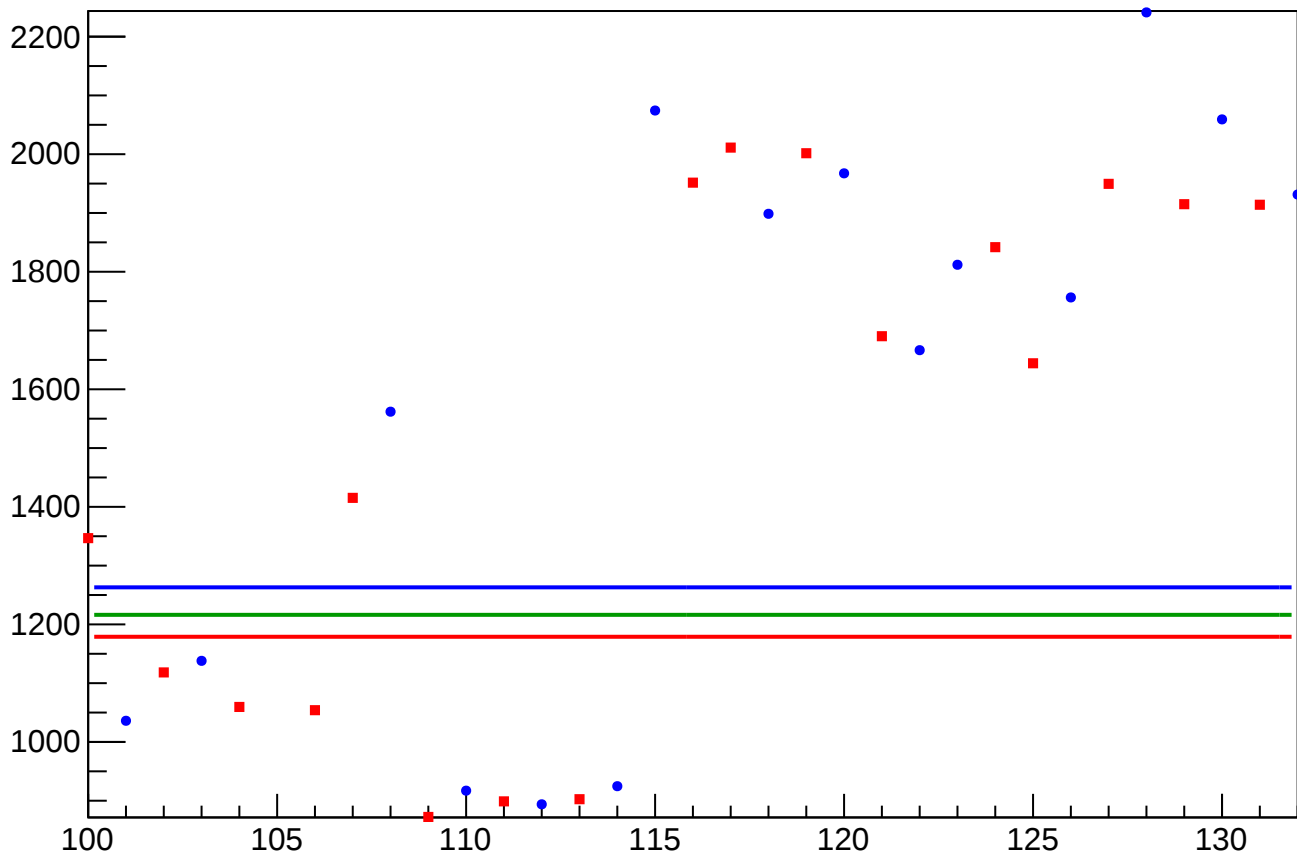
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

408.186+/-565.470 χ^2/NDF : 17.7/14

761.481+/-376.656 χ^2/NDF : 31.8/31

1043.244+/-504.989 χ^2/NDF : 13.4/16

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1263.040+/-0.400 χ^2/NDF : 1149541.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1178.950+/-0.357 χ^2/NDF : 1131657.7/16

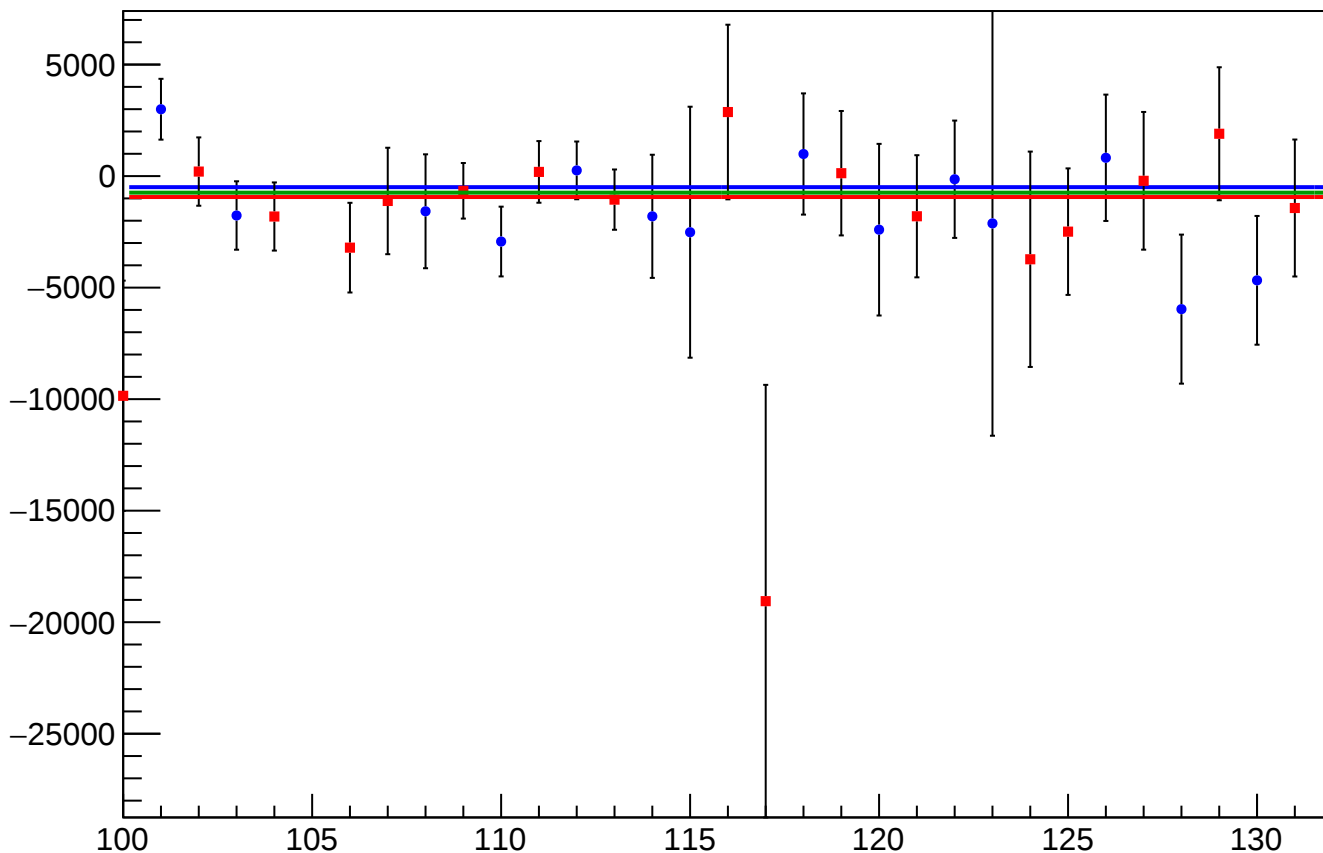
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1263.040+/-0.400 χ^2/NDF : 1149541.3/14

1216.259+/-0.266 χ^2/NDF : 2305804.2/31

1178.950+/-0.357 χ^2/NDF : 1131657.7/16

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -496.217+/-569.327 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -938.496+/-509.028 χ^2/NDF : 12.2/16

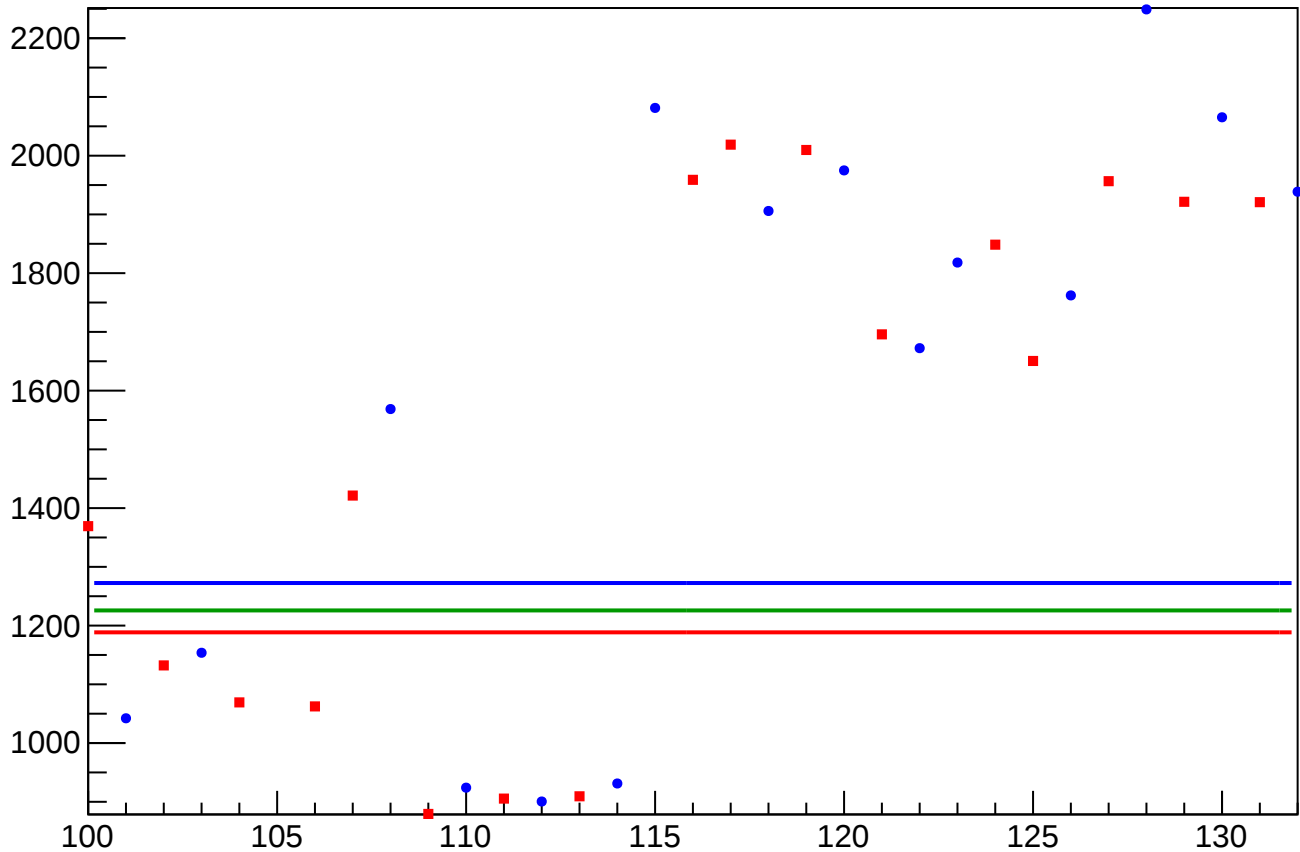
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-496.217+/-569.327 χ^2/NDF : 17.2/14

-742.011+/-379.471 χ^2/NDF : 29.7/31

-938.496+/-509.028 χ^2/NDF : 12.2/16

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1272.481+/-0.403 χ^2/NDF : 1137471.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.496+/-0.360 χ^2/NDF : 1119759.2/16

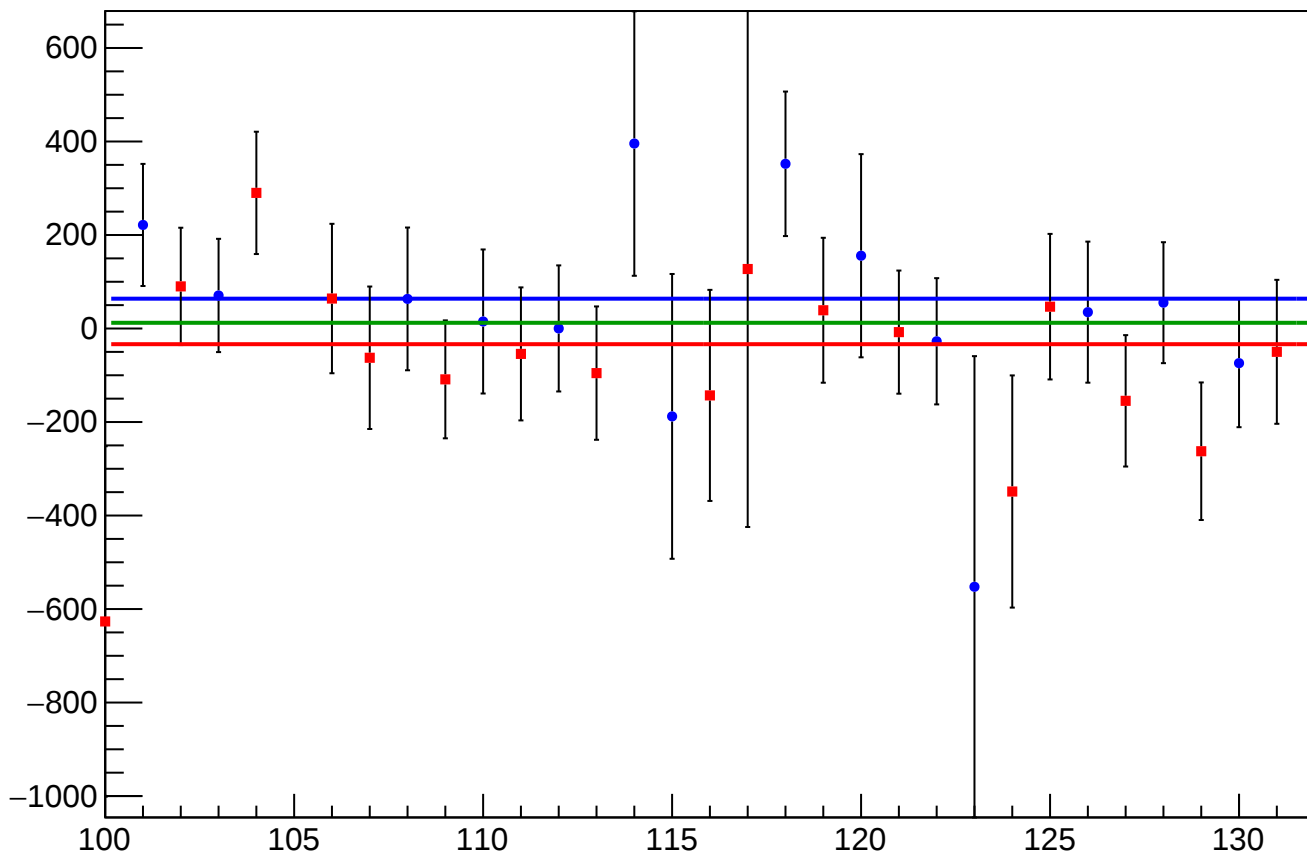
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1272.481+/-0.403 χ^2/NDF : 1137471.1/14

1225.807+/-0.268 χ^2/NDF : 2281417.2/31

1188.496+/-0.360 χ^2/NDF : 1119759.2/16

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 63.814 $\pm$ 40.371 χ^2 /NDF: 10.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.518 $\pm$ 38.028 χ^2 /NDF: 16.2/16

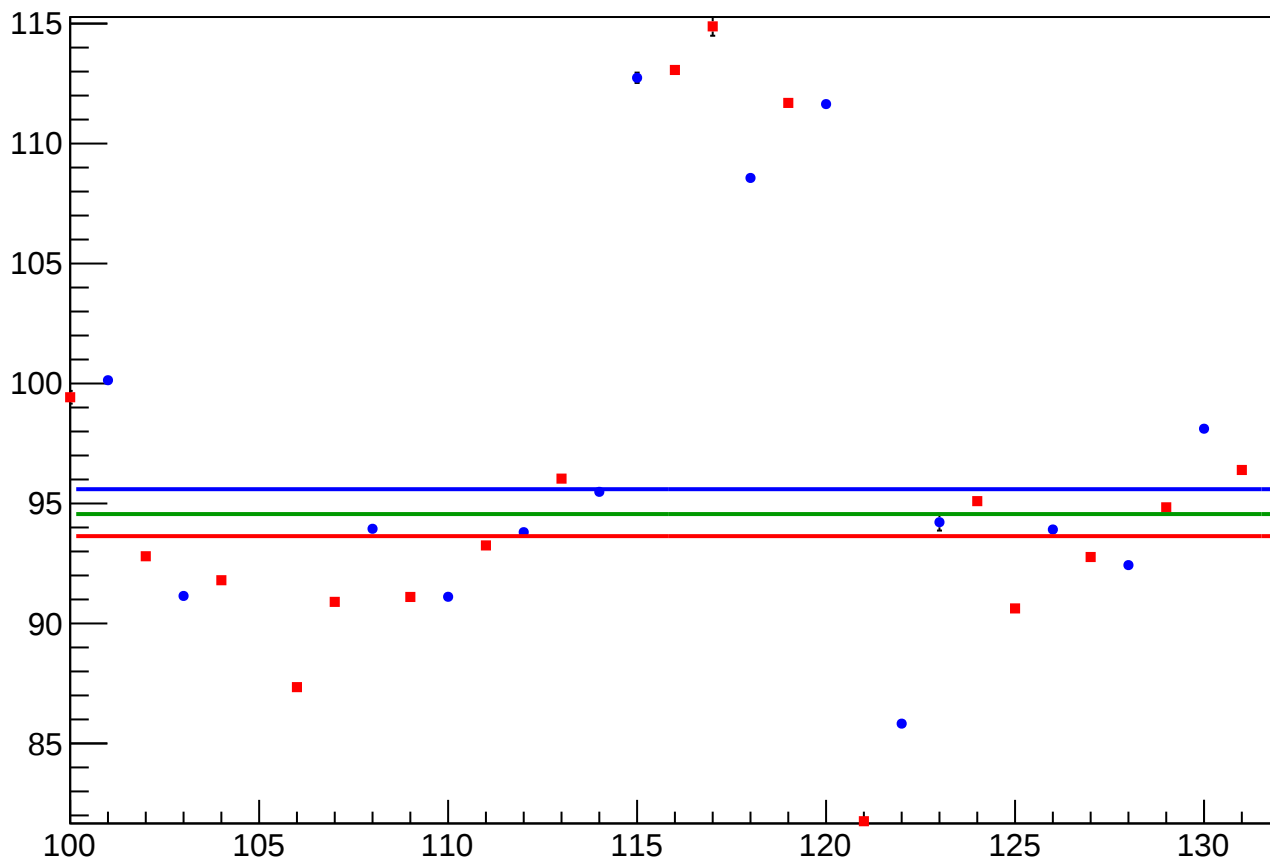
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

63.814 $\pm$ 40.371 χ^2 /NDF: 10.8/14

12.242 $\pm$ 27.681 χ^2 /NDF: 30.0/31

-33.518 $\pm$ 38.028 χ^2 /NDF: 16.2/16

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.596+/-0.029 χ^2/NDF : 51346.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.639+/-0.027 χ^2/NDF : 68964.8/16

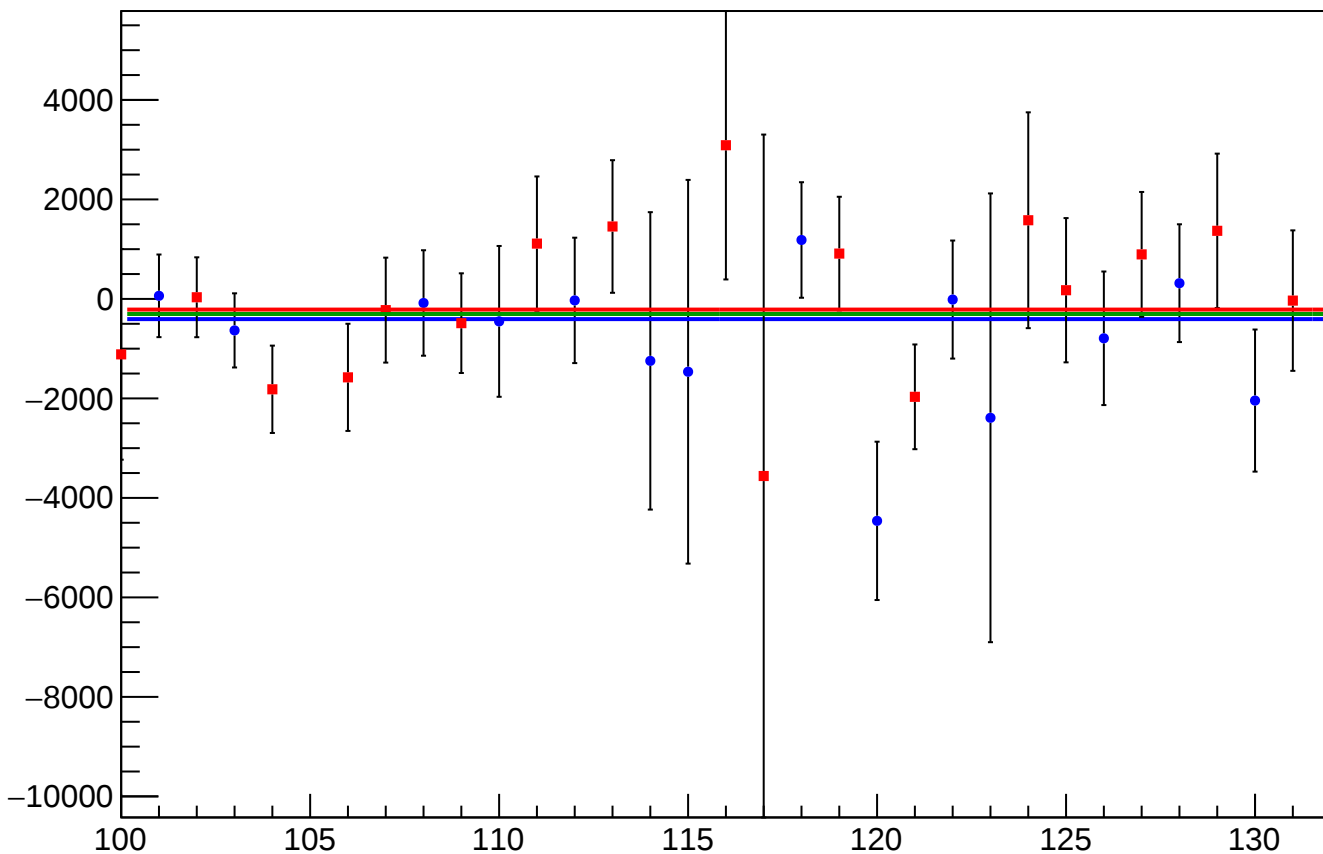
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.596+/-0.029 χ^2/NDF : 51346.0/14

94.559+/-0.020 χ^2/NDF : 122799.2/31

93.639+/-0.027 χ^2/NDF : 68964.8/16

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -406.024+/-324.254 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.360+/-301.406 χ^2/NDF : 15.9/16

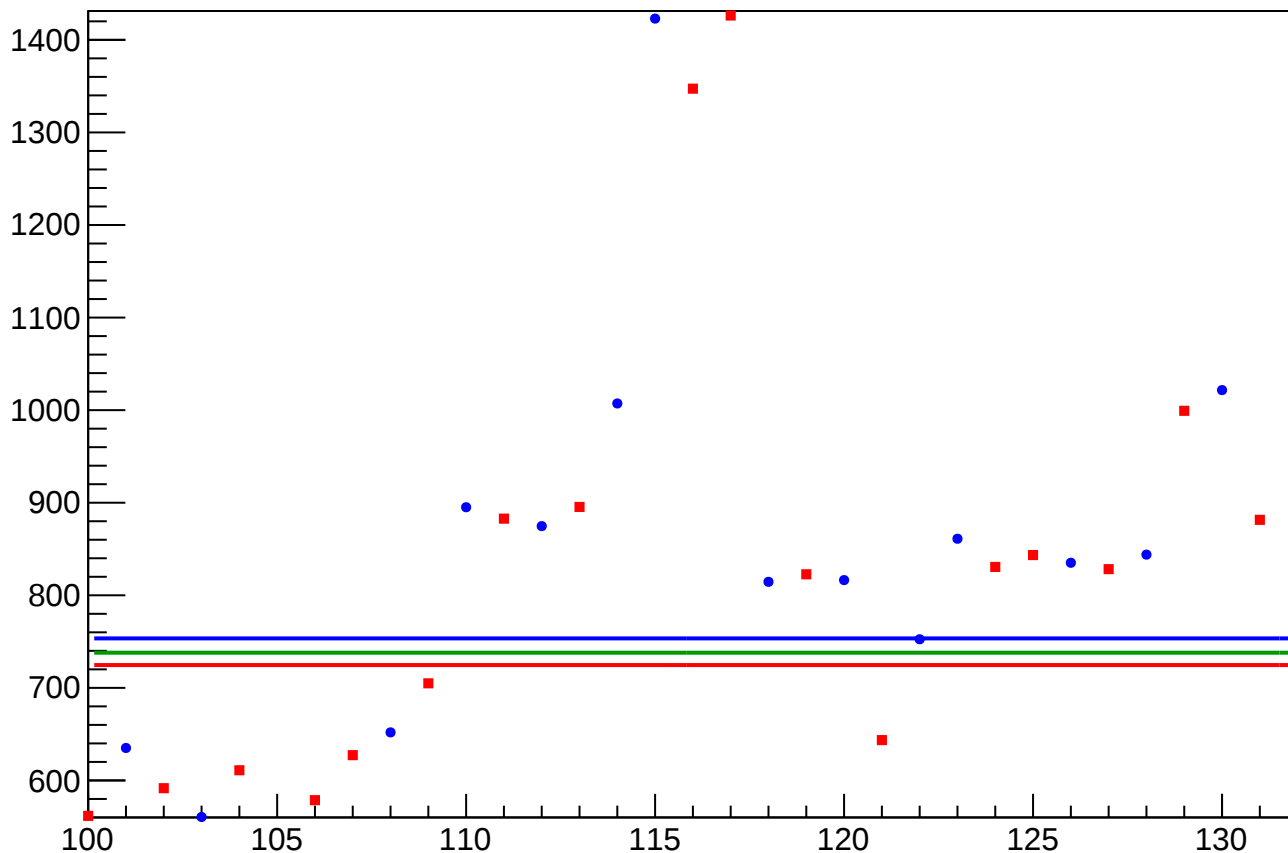
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-406.024+/-324.254 χ^2/NDF : 11.2/14

-303.202+/-220.762 χ^2/NDF : 27.3/31

-214.360+/-301.406 χ^2/NDF : 15.9/16

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 753.440+/-0.229 χ^2/NDF : 431244.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 724.647+/-0.213 χ^2/NDF : 488282.5/16

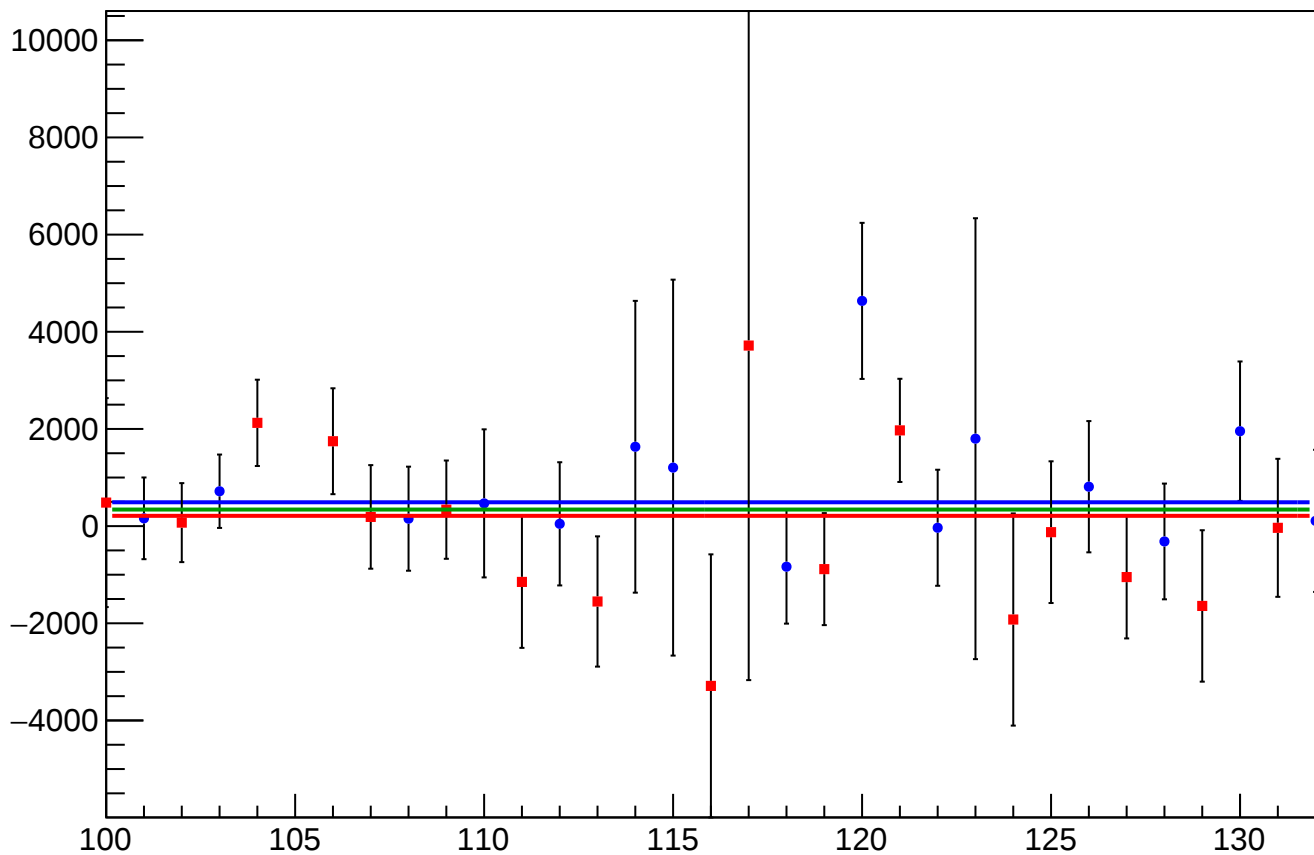
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

753.440+/-0.229 χ^2/NDF : 431244.2/14

737.994+/-0.156 χ^2/NDF : 927986.4/31

724.647+/-0.213 χ^2/NDF : 488282.5/16

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 490.848 ± 327.174 $\chi^2/\text{NDF}: 10.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 211.795 ± 304.188 $\chi^2/\text{NDF}: 18.5/16$

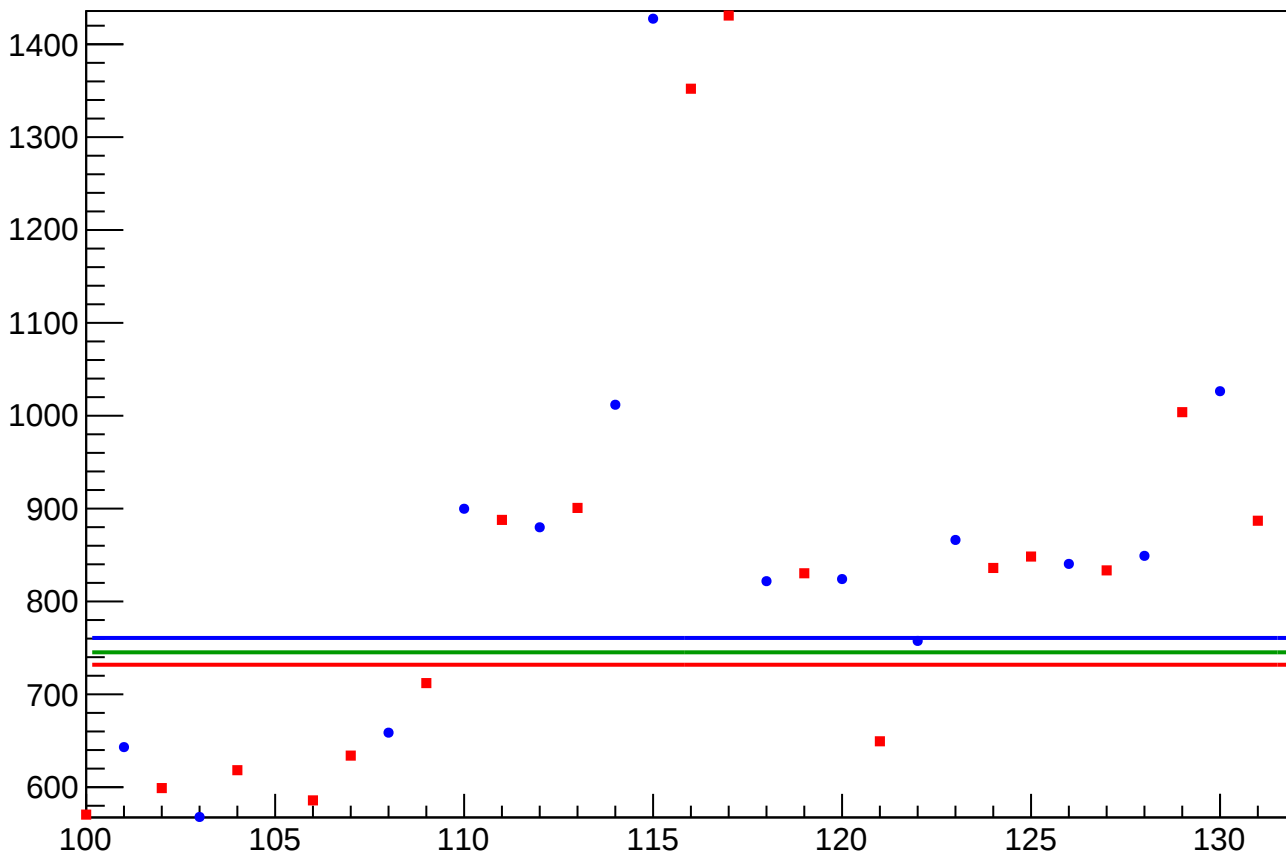
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

490.848 ± 327.174 $\chi^2/\text{NDF}: 10.5/14$

341.175 ± 222.777 $\chi^2/\text{NDF}: 29.3/31$

211.795 ± 304.188 $\chi^2/\text{NDF}: 18.5/16$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 760.706+/-0.231 χ^2/NDF : 418678.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.850+/-0.215 χ^2/NDF : 476293.6/16

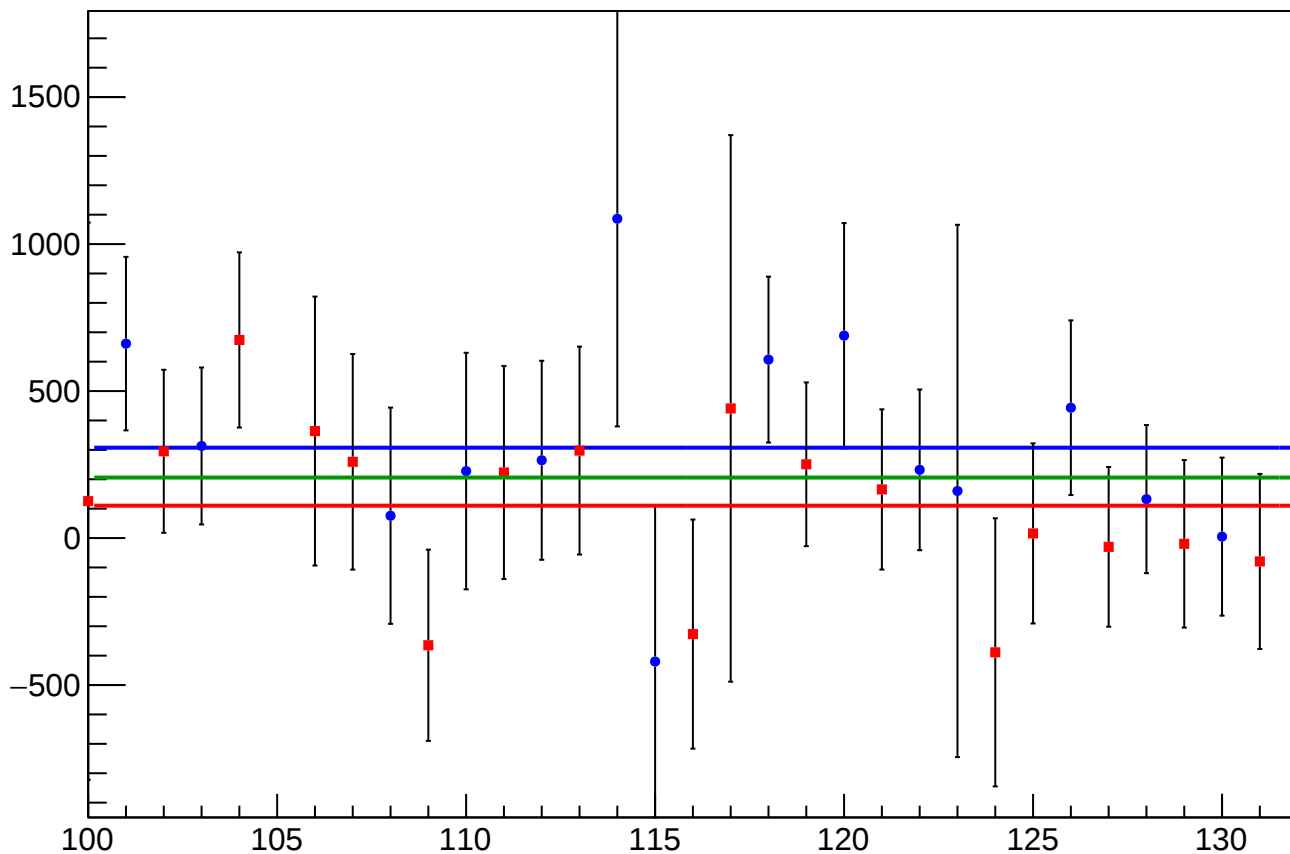
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

760.706+/-0.231 χ^2/NDF : 418678.5/14

745.229+/-0.158 χ^2/NDF : 903316.6/31

731.850+/-0.215 χ^2/NDF : 476293.6/16

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 307.365 $\pm$ 84.227 χ^2 /NDF: 9.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.100 $\pm$ 81.820 χ^2 /NDF: 10.9/16

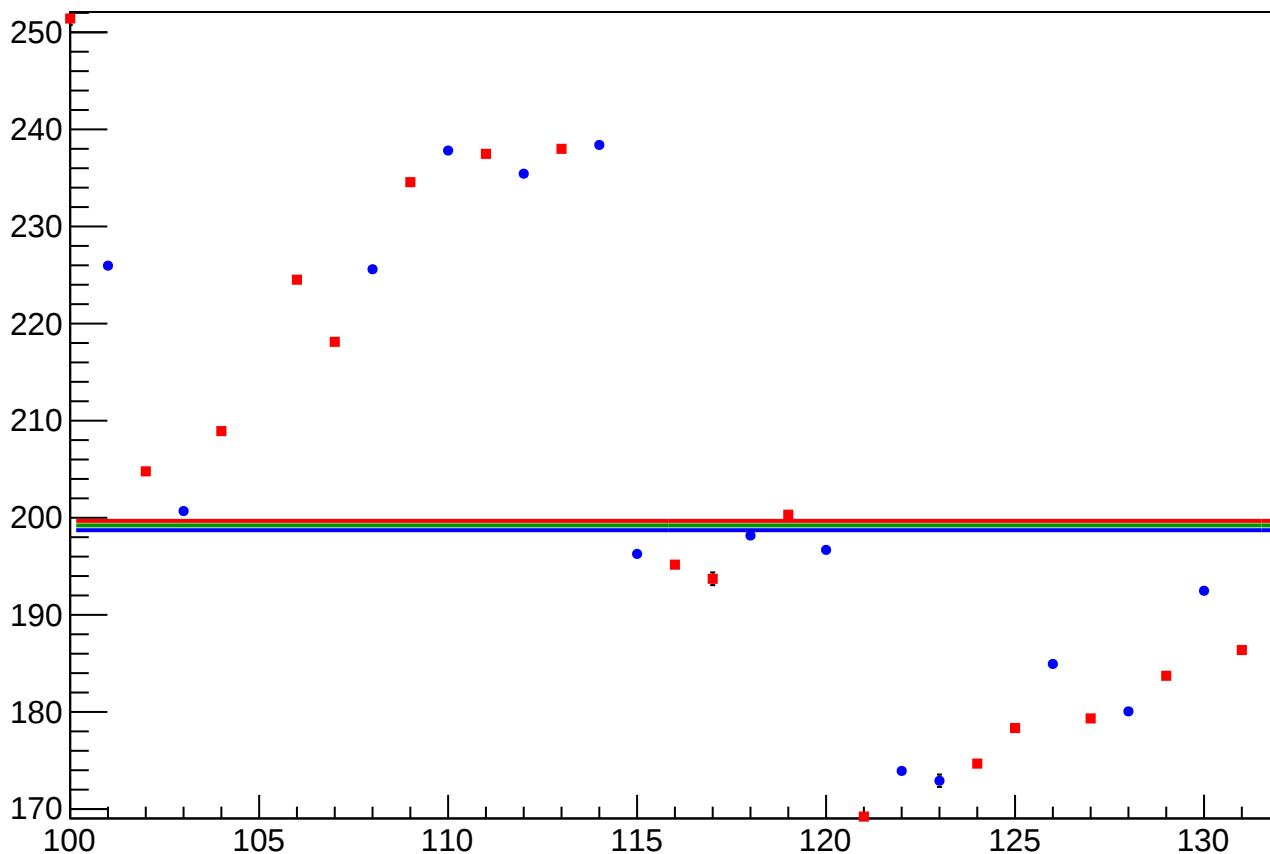
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

307.365 $\pm$ 84.227 χ^2 /NDF: 9.2/14

205.874 $\pm$ 58.688 χ^2 /NDF: 22.9/31

110.100 $\pm$ 81.820 χ^2 /NDF: 10.9/16

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 198.720+/-0.060 χ^2/NDF : 121073.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.681+/-0.058 χ^2/NDF : 150305.0/16

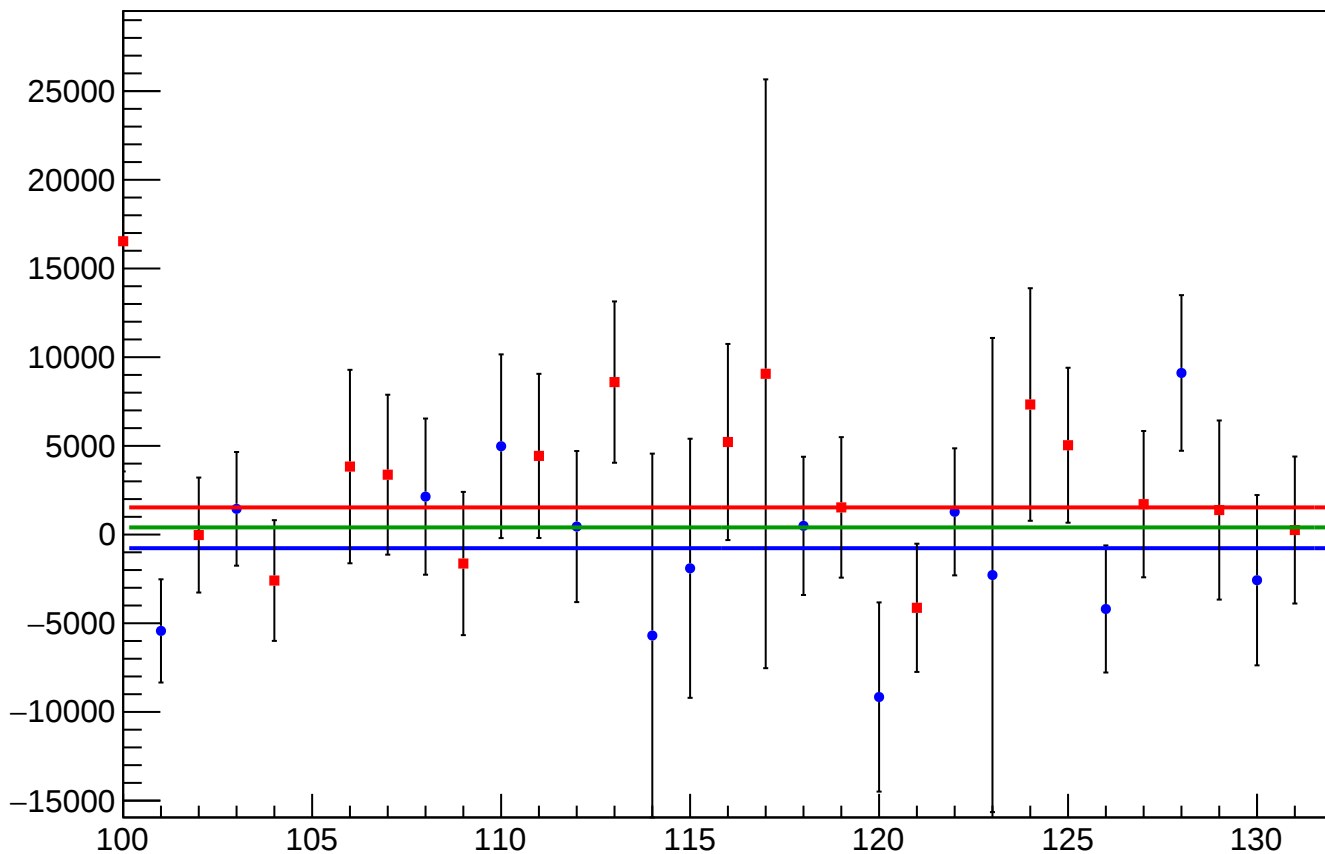
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.720+/-0.060 χ^2/NDF : 121073.1/14

199.215+/-0.041 χ^2/NDF : 271512.2/31

199.681+/-0.058 χ^2/NDF : 150305.0/16

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -768.119+/-1115.140 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1531.122+/-1094.116 χ^2/NDF : 11.4/16

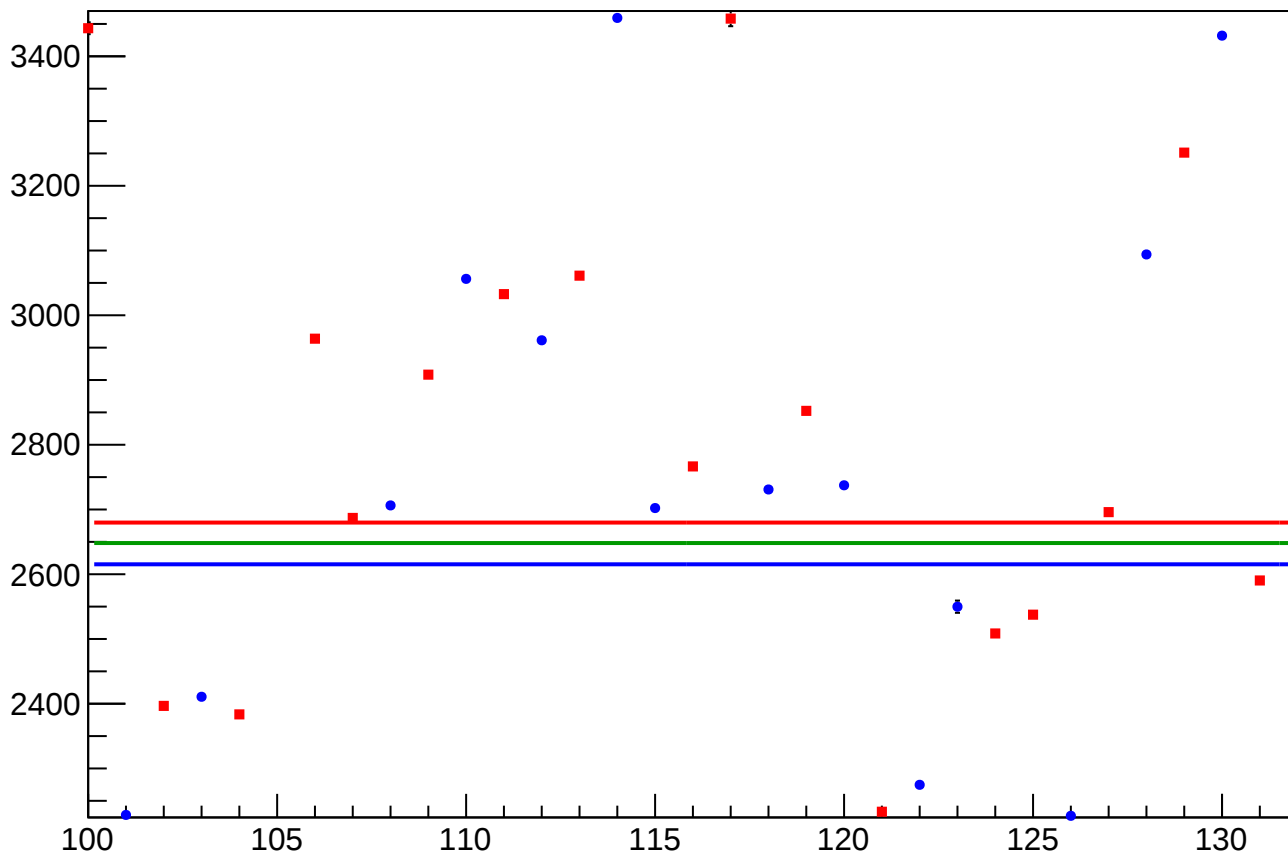
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-768.119+/-1115.140 χ^2/NDF : 14.4/14

403.379+/-780.984 χ^2/NDF : 28.0/31

1531.122+/-1094.116 χ^2/NDF : 11.4/16

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2615.339+/-0.789 χ^2/NDF : 212071.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2679.808+/-0.774 χ^2/NDF : 144188.9/16

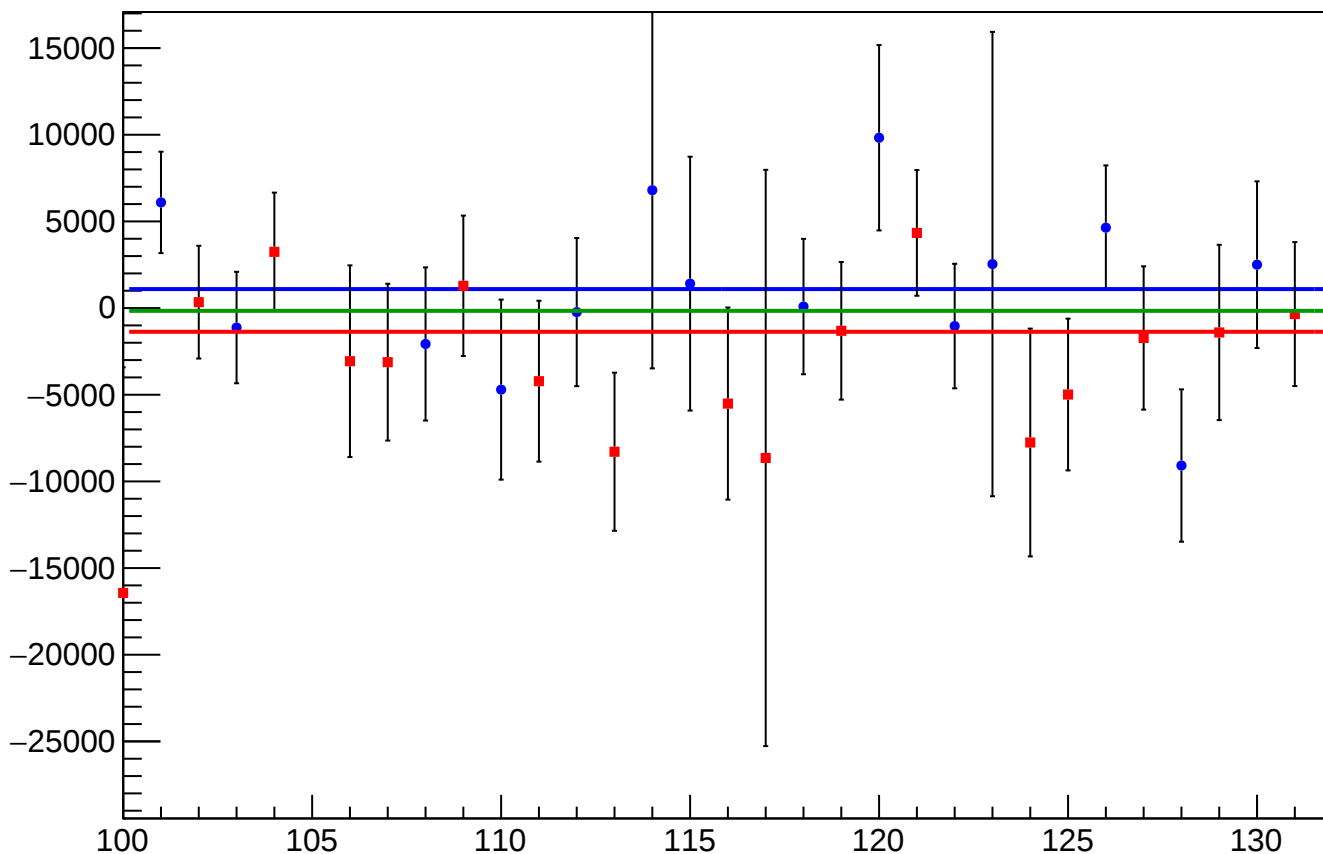
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2615.339+/-0.789 χ^2/NDF : 212071.8/14

2648.187+/-0.552 χ^2/NDF : 359666.6/31

2679.808+/-0.774 χ^2/NDF : 144188.9/16

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1095.793+/-1118.720 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1367.837+/-1097.866 χ^2/NDF : 11.7/16

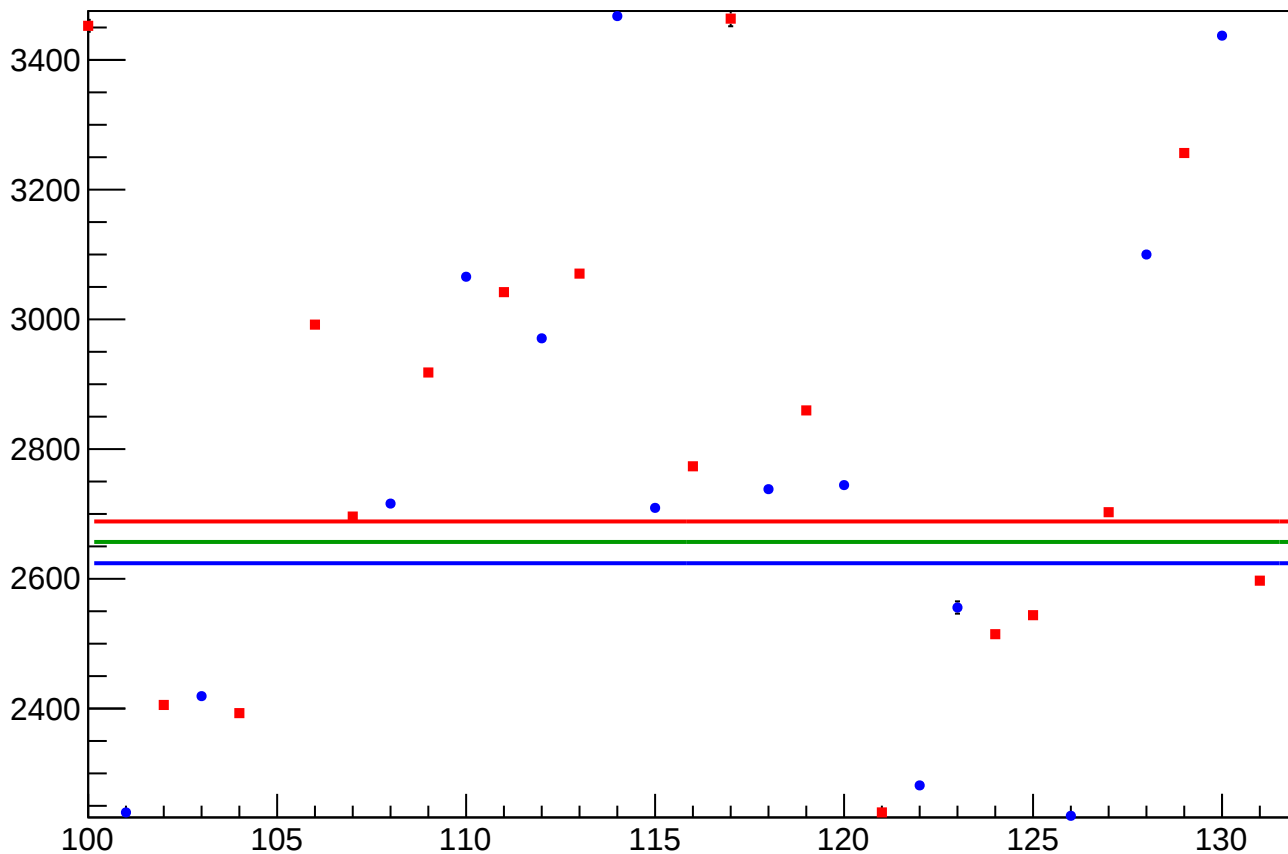
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1095.793+/-1118.720 χ^2/NDF : 15.4/14

-159.198+/-783.578 χ^2/NDF : 29.6/31

-1367.837+/-1097.866 χ^2/NDF : 11.7/16

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2624.040+/-0.791 χ^2 /NDF: 209979.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2688.433+/-0.776 χ^2 /NDF: 144056.5/16

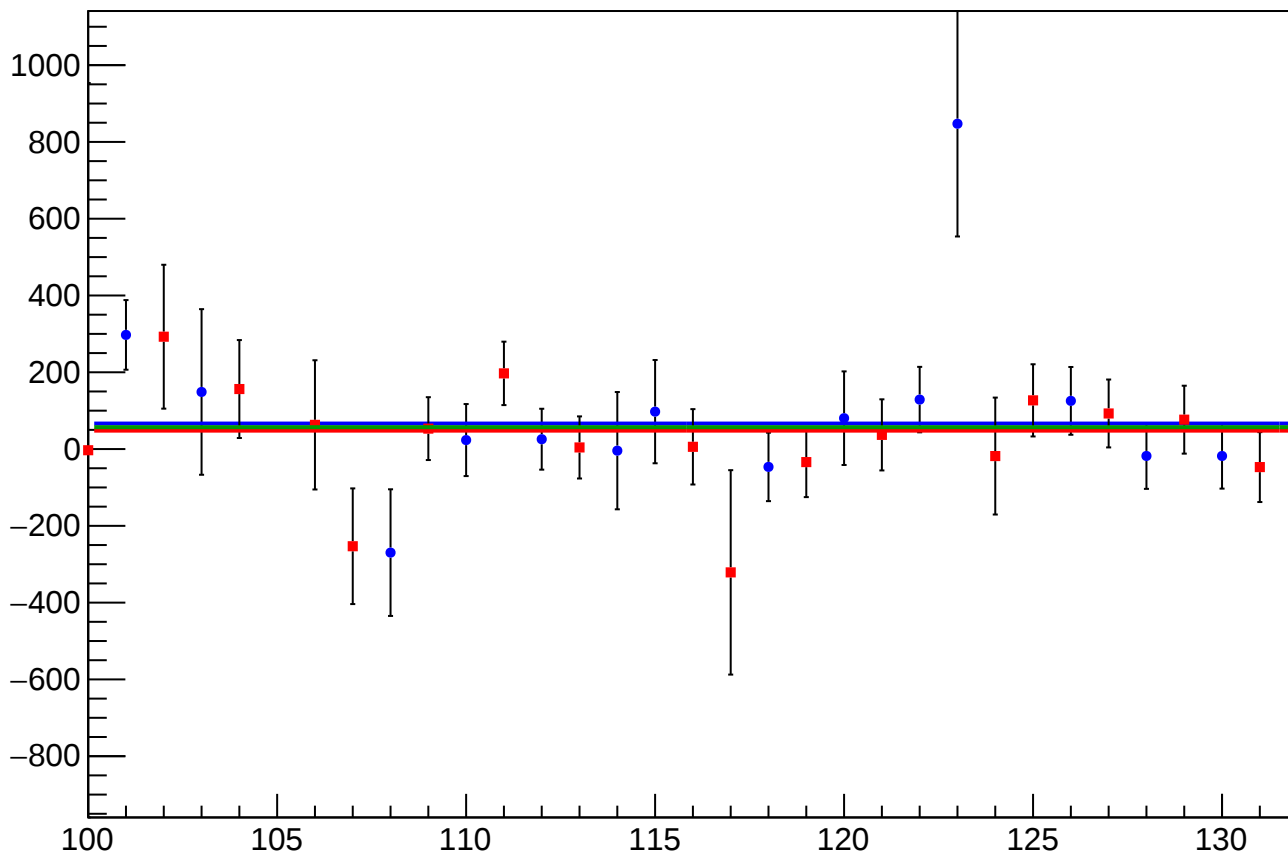
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2624.040+/-0.791 χ^2 /NDF: 209979.0/14

2656.842+/-0.554 χ^2 /NDF: 357411.0/31

2688.433+/-0.776 χ^2 /NDF: 144056.5/16

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 66.402 $\pm$ 26.541 χ^2 /NDF: 23.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.025 $\pm$ 25.766 χ^2 /NDF: 15.3/16

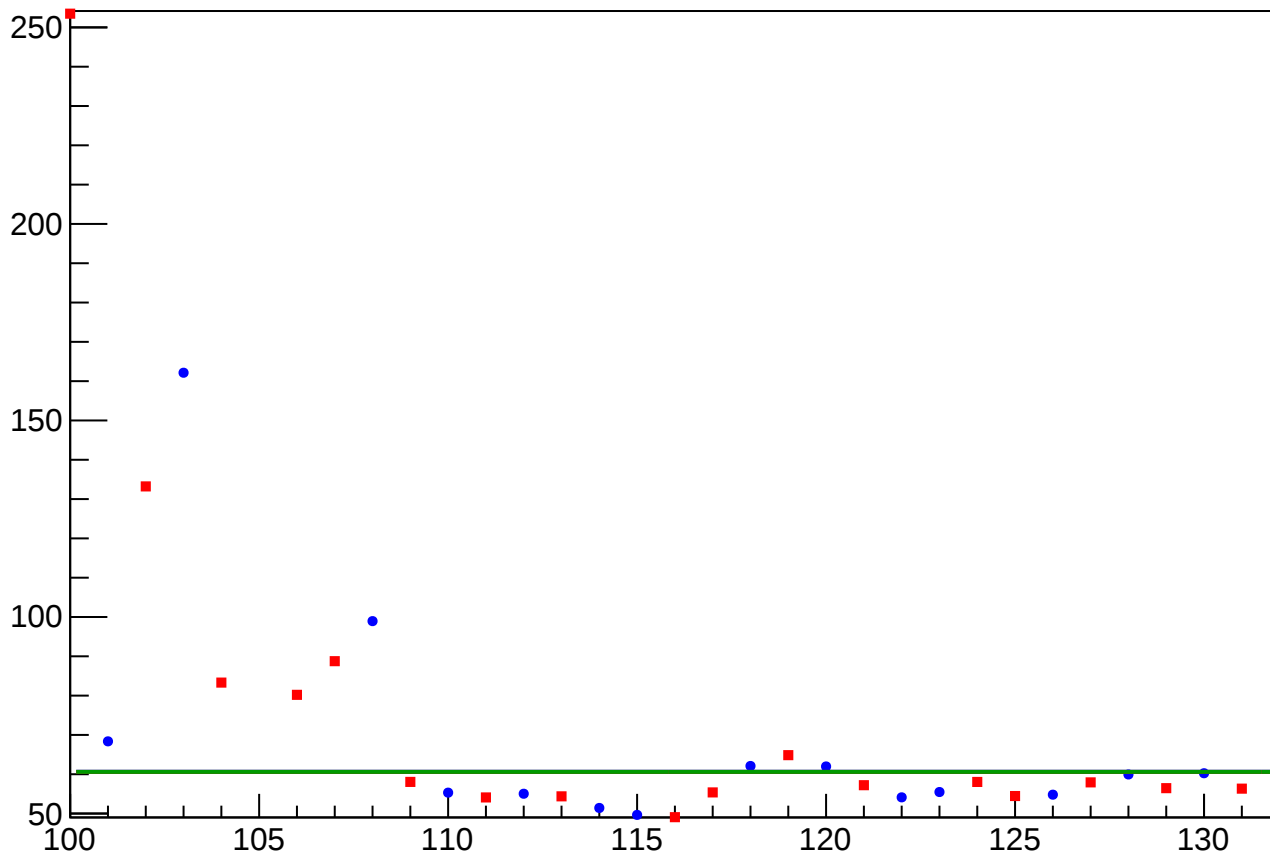
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

66.402 $\pm$ 26.541 χ^2 /NDF: 23.5/14

56.941 $\pm$ 18.487 χ^2 /NDF: 39.0/31

48.025 $\pm$ 25.766 χ^2 /NDF: 15.3/16

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 60.617 $\pm$ 0.019 χ^2 /NDF: 628167.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.584 $\pm$ 0.018 χ^2 /NDF: 623452.3/16

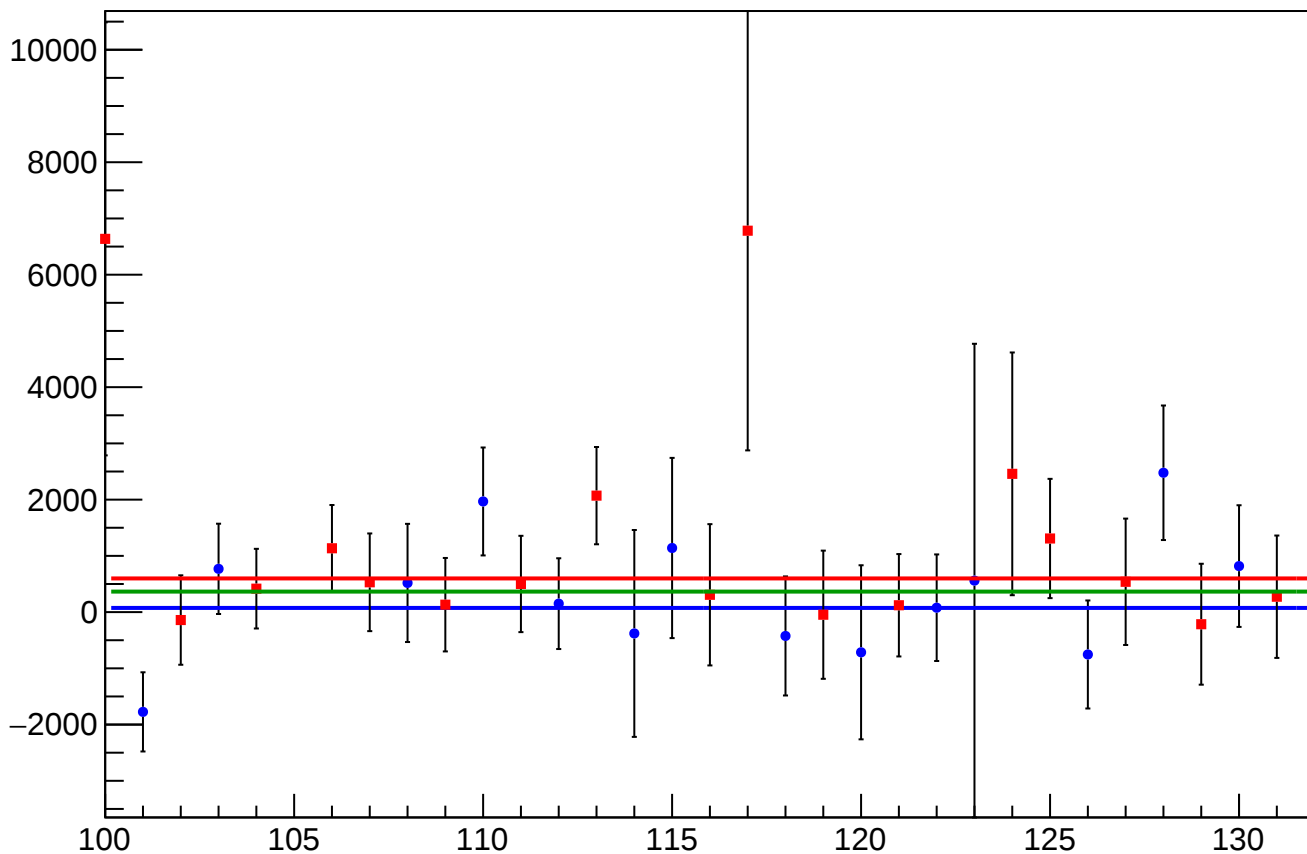
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

60.617 $\pm$ 0.019 χ^2 /NDF: 628167.9/14

60.600 $\pm$ 0.013 χ^2 /NDF: 1251621.7/31

60.584 $\pm$ 0.018 χ^2 /NDF: 623452.3/16

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 74.418+/-269.453 χ^2/NDF : 18.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.841+/-241.915 χ^2/NDF : 12.1/16

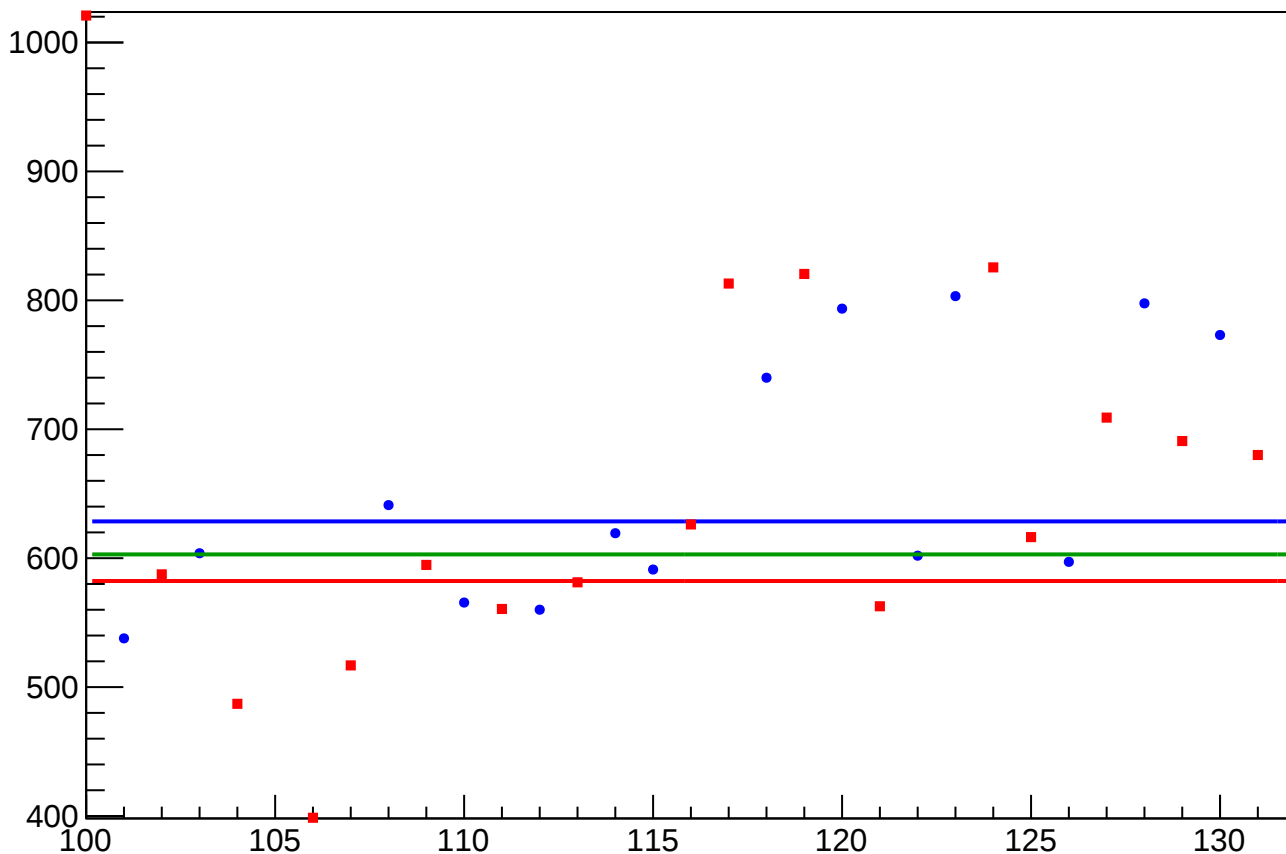
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.418+/-269.453 χ^2/NDF : 18.9/14

364.789+/-180.011 χ^2/NDF : 33.1/31

598.841+/-241.915 χ^2/NDF : 12.1/16

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 628.527+/-0.191 χ^2/NDF : 191802.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.294+/-0.171 χ^2/NDF : 376406.7/16

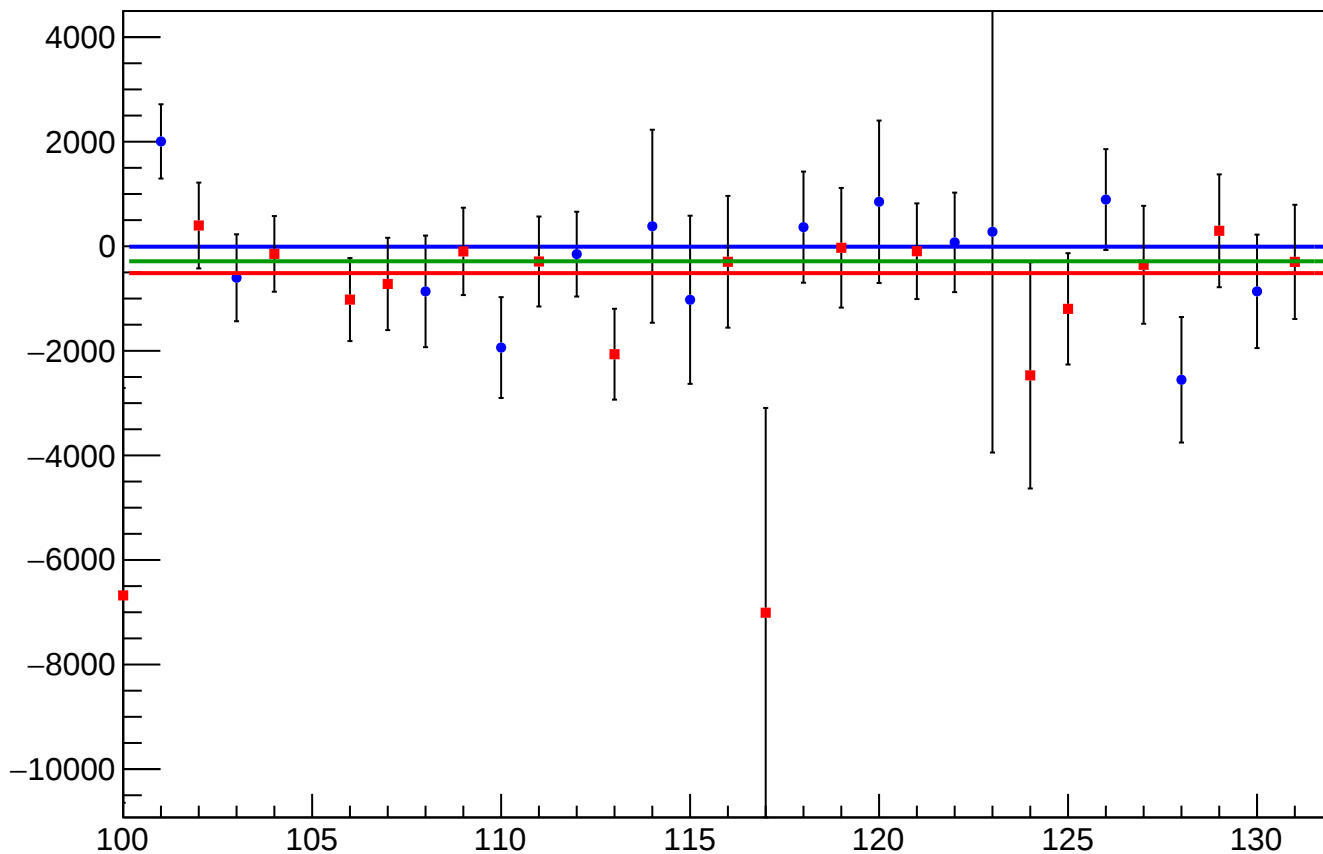
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

628.527+/-0.191 χ^2/NDF : 191802.1/14

602.928+/-0.127 χ^2/NDF : 600810.2/31

582.294+/-0.171 χ^2/NDF : 376406.7/16

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -8.082 ± 271.871 χ^2/NDF : 21.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -513.498 ± 244.932 χ^2/NDF : 12.9/16

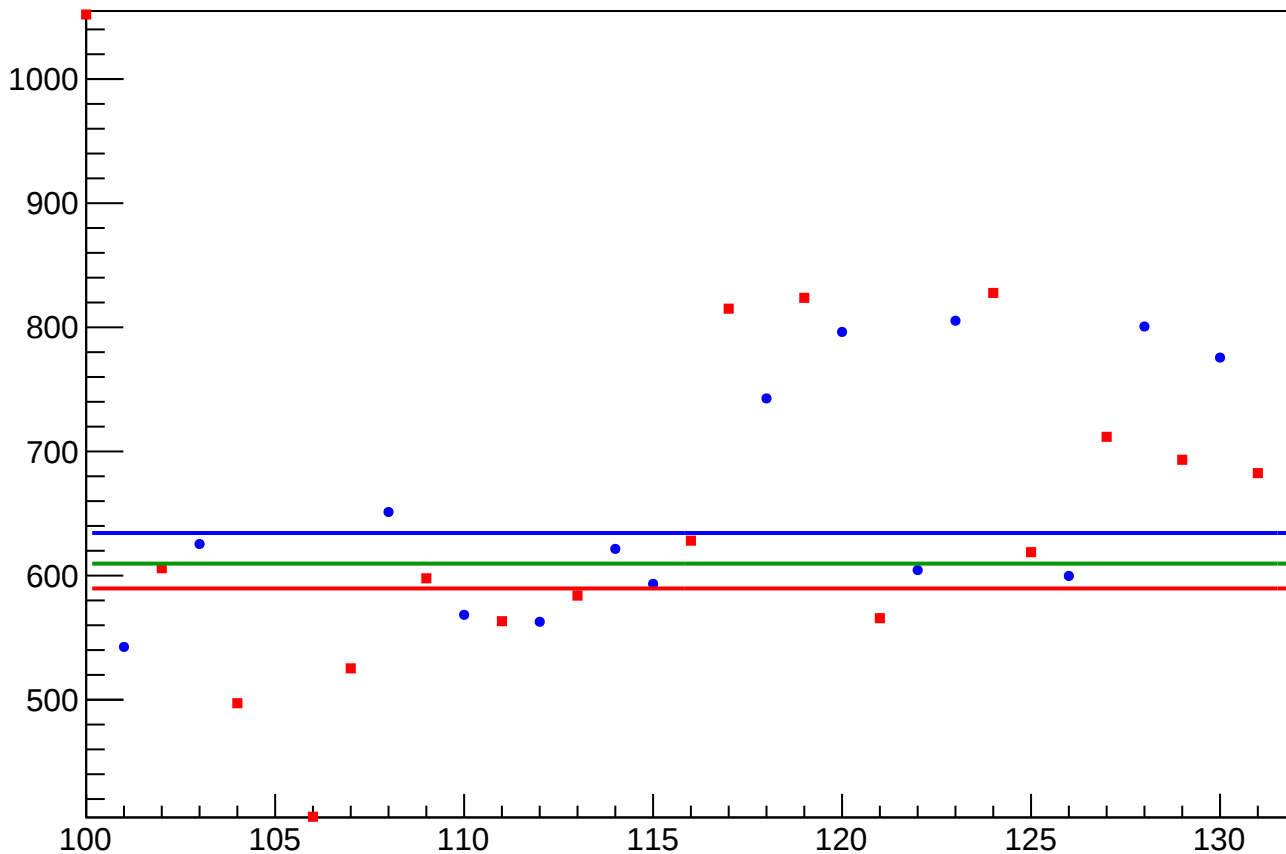
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.082 ± 271.871 χ^2/NDF : 21.1/14

-287.064 ± 181.974 χ^2/NDF : 35.9/31

-513.498 ± 244.932 χ^2/NDF : 12.9/16

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 634.331+/-0.192 χ^2/NDF : 187031.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.633+/-0.173 χ^2/NDF : 356416.7/16

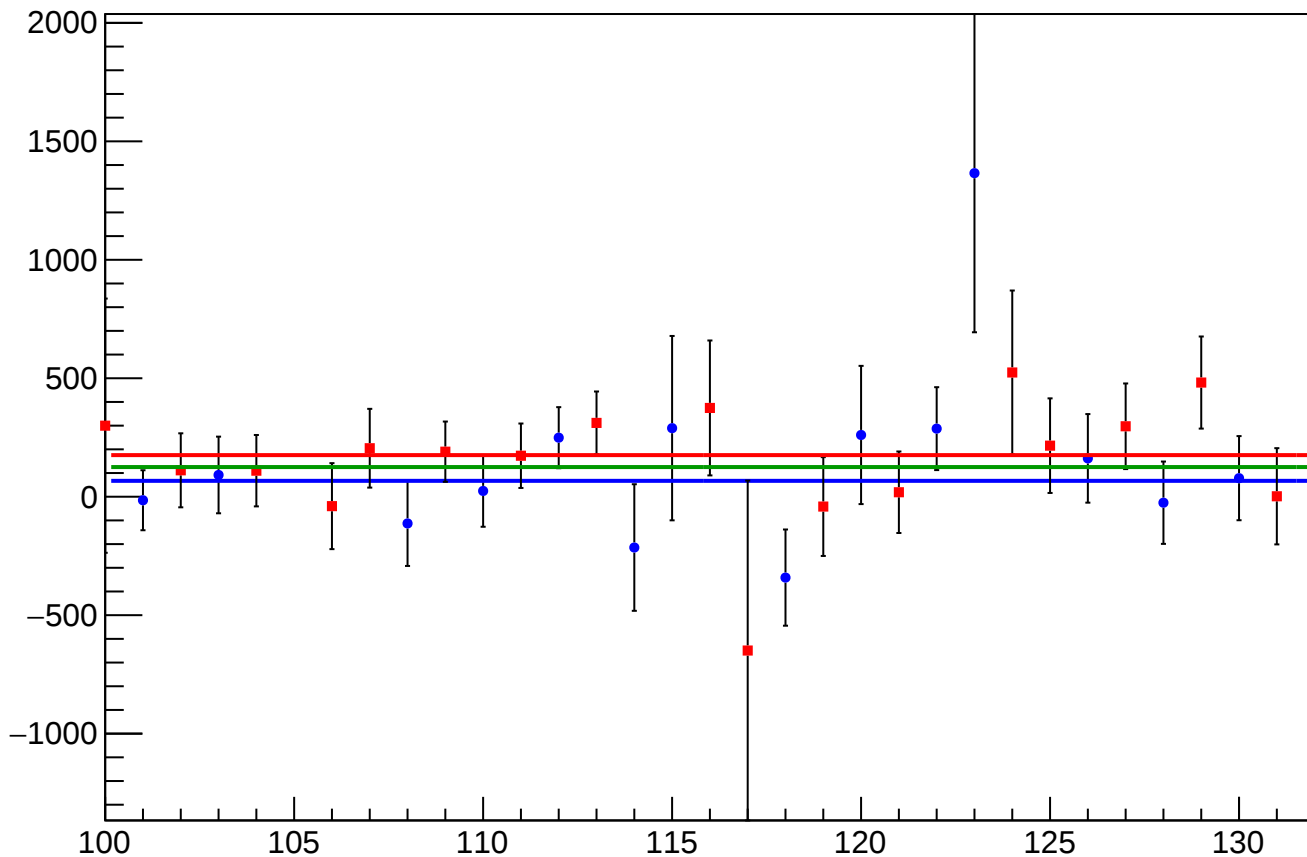
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

634.331+/-0.192 χ^2/NDF : 187031.6/14

609.658+/-0.129 χ^2/NDF : 573289.2/31

589.633+/-0.173 χ^2/NDF : 356416.7/16

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 67.020 $\pm$ 47.406 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 175.608 $\pm$ 44.121 χ^2 /NDF: 11.4/16

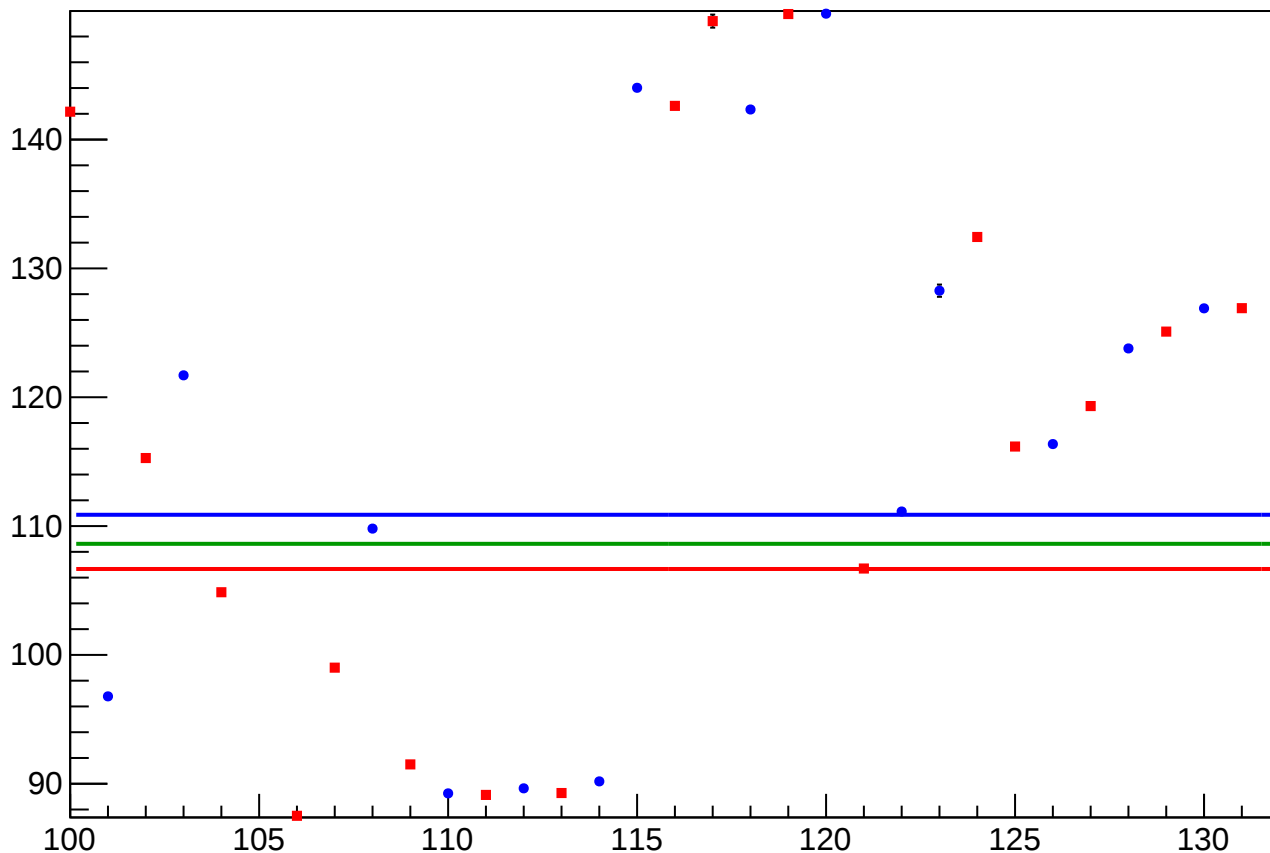
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

67.020 $\pm$ 47.406 χ^2 /NDF: 15.3/14

125.207 $\pm$ 32.297 χ^2 /NDF: 29.5/31

175.608 $\pm$ 44.121 χ^2 /NDF: 11.4/16

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.878+/-0.034 χ^2/NDF : 285026.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.669+/-0.031 χ^2/NDF : 325263.2/16

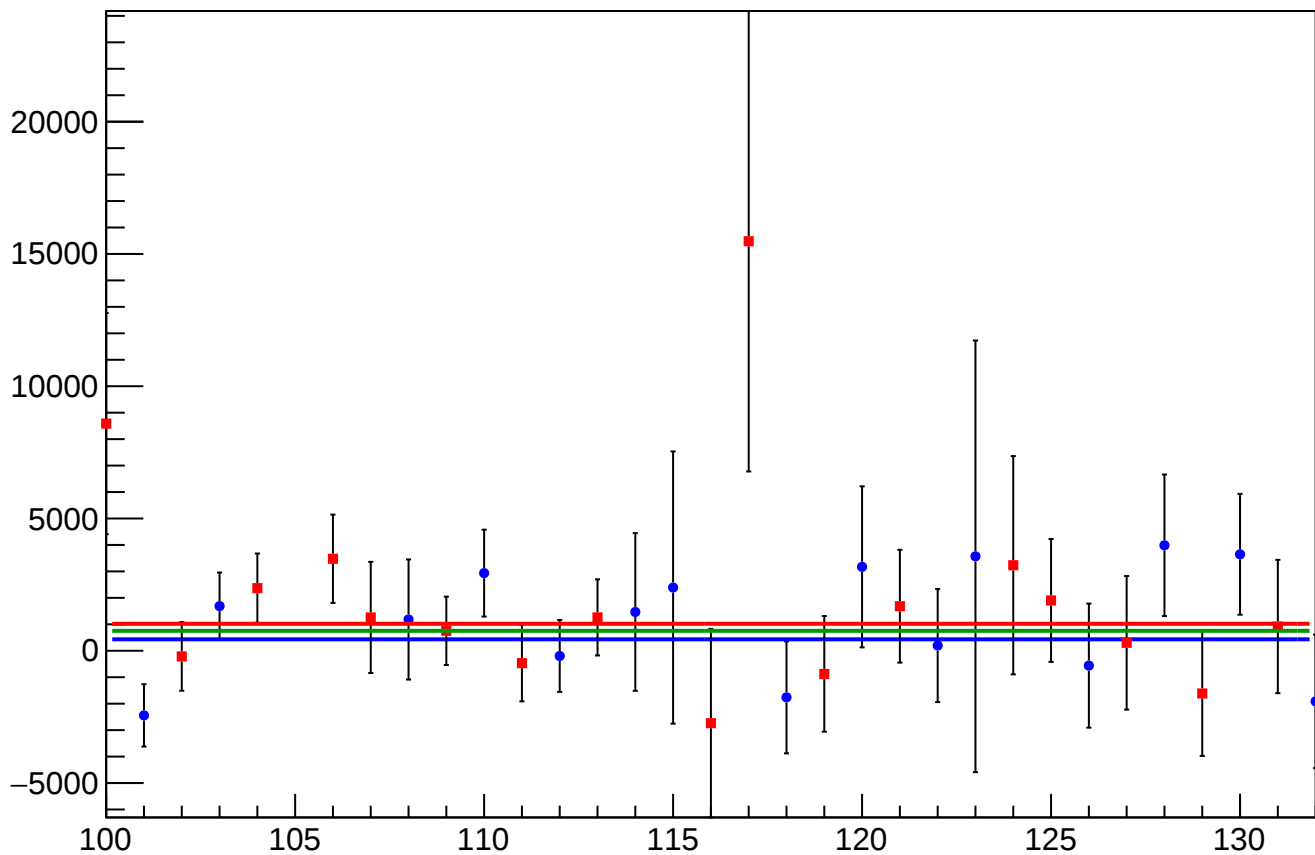
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

110.878+/-0.034 χ^2/NDF : 285026.7/14

108.623+/-0.023 χ^2/NDF : 618734.3/31

106.669+/-0.031 χ^2/NDF : 325263.2/16

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 432.870+/-510.931 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.317+/-464.239 χ^2/NDF : 15.0/16

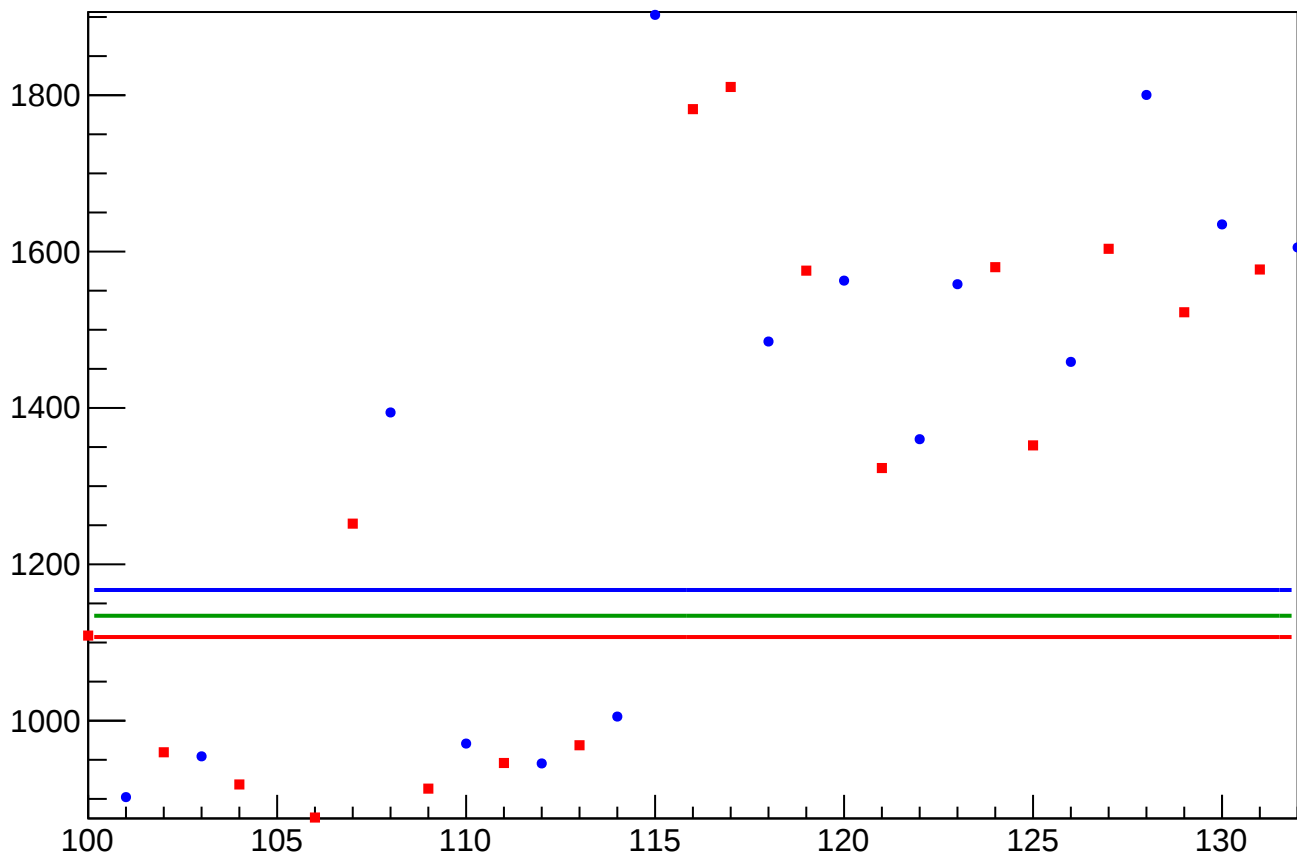
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

432.870+/-510.931 χ^2/NDF : 16.7/14

754.656+/-343.591 χ^2/NDF : 32.4/31

1020.317+/-464.239 χ^2/NDF : 15.0/16

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1167.191+/-0.361 χ^2 /NDF: 692592.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1107.026+/-0.328 χ^2 /NDF: 658166.1/16

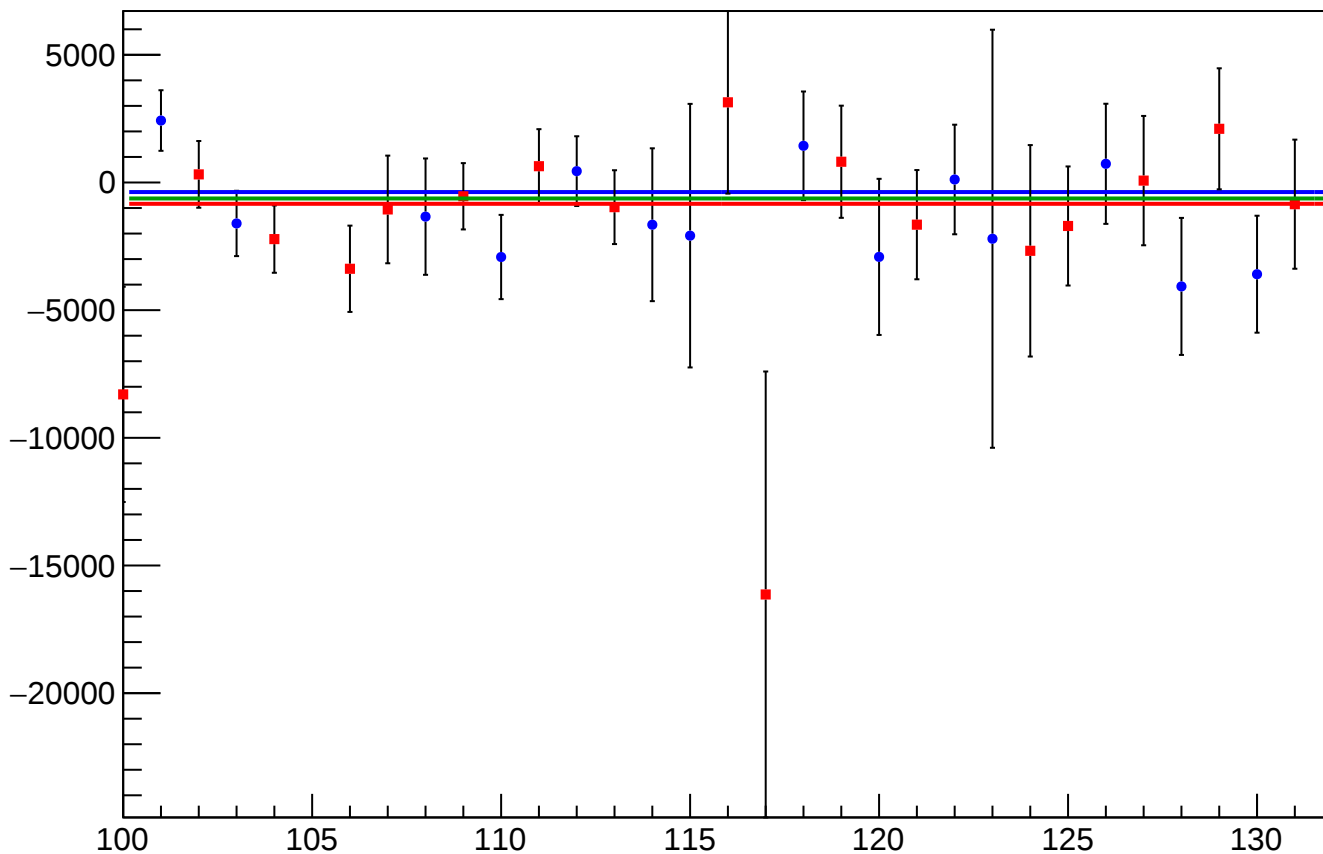
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1167.191+/-0.361 χ^2 /NDF: 692592.7/14

1134.234+/-0.243 χ^2 /NDF: 1365950.1/31

1107.026+/-0.328 χ^2 /NDF: 658166.1/16

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -374.561+/-513.450 χ^2 /NDF: 16.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -834.816+/-466.836 χ^2 /NDF: 15.4/16

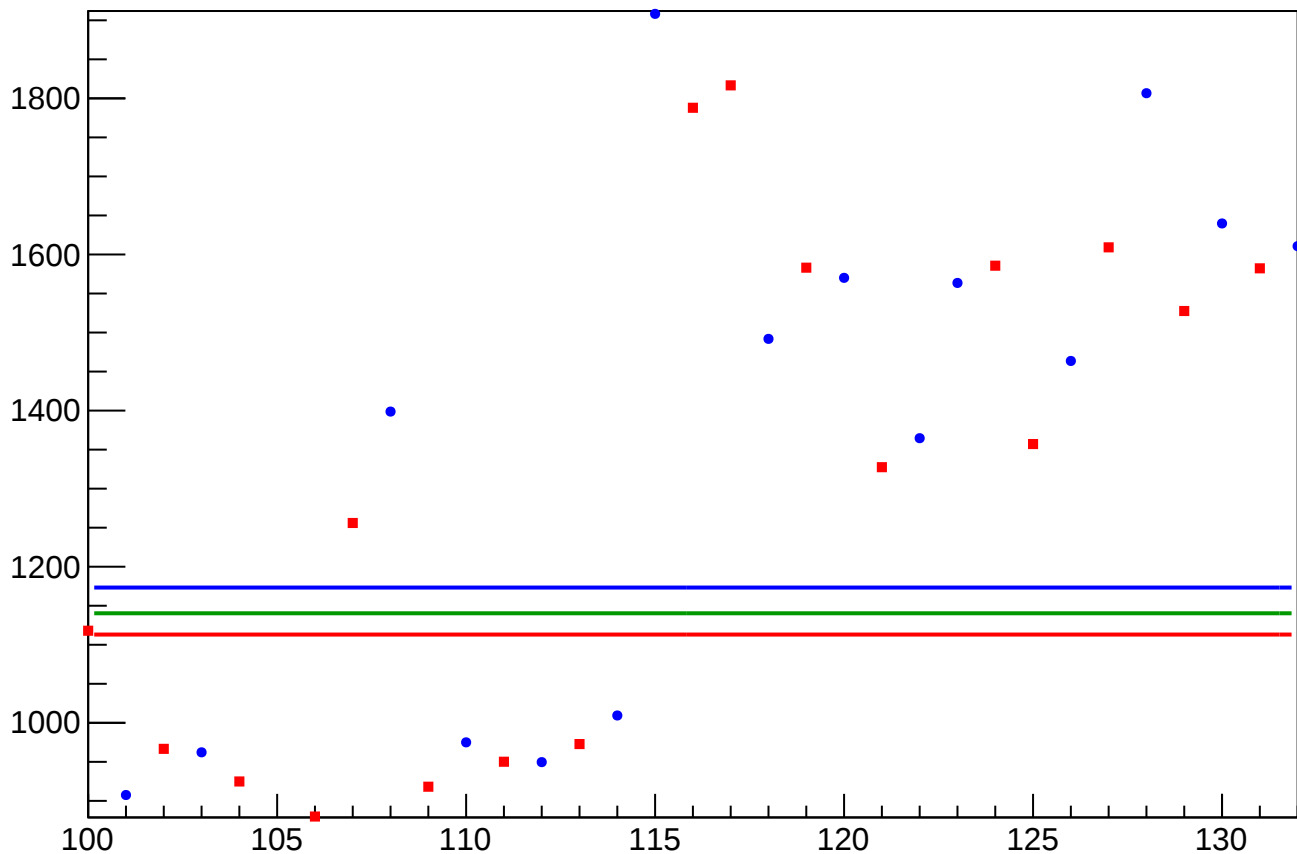
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-374.561+/-513.450 χ^2 /NDF: 16.2/14

-626.525+/-345.409 χ^2 /NDF: 32.0/31

-834.816+/-466.836 χ^2 /NDF: 15.4/16

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1173.304+/-0.363 χ^2/NDF : 687055.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.086+/-0.330 χ^2/NDF : 652921.3/16

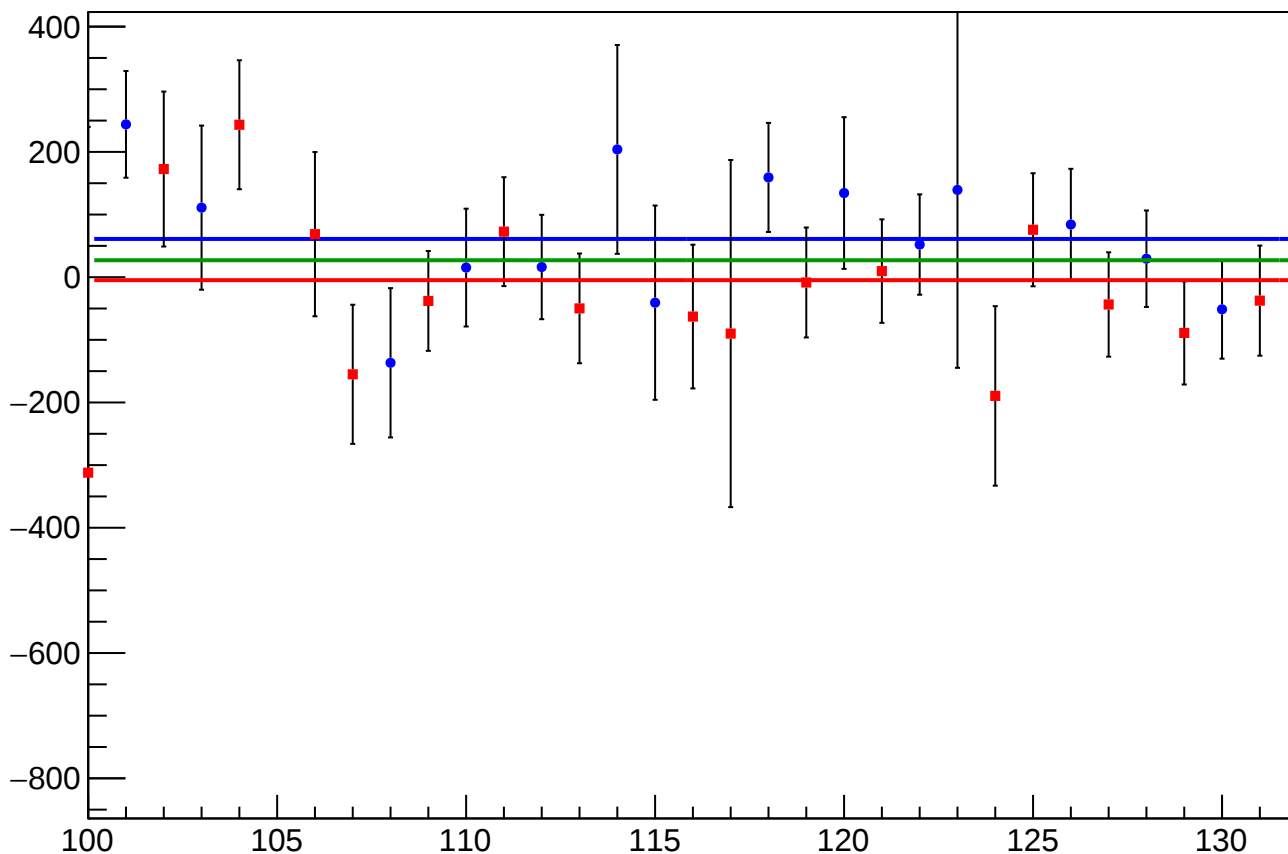
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1173.304+/-0.363 χ^2/NDF : 687055.4/14

1140.338+/-0.244 χ^2/NDF : 1355036.9/31

1113.086+/-0.330 χ^2/NDF : 652921.3/16

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 61.070 $\pm$ 25.226 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.759 $\pm$ 24.395 χ^2 /NDF: 15.8/16

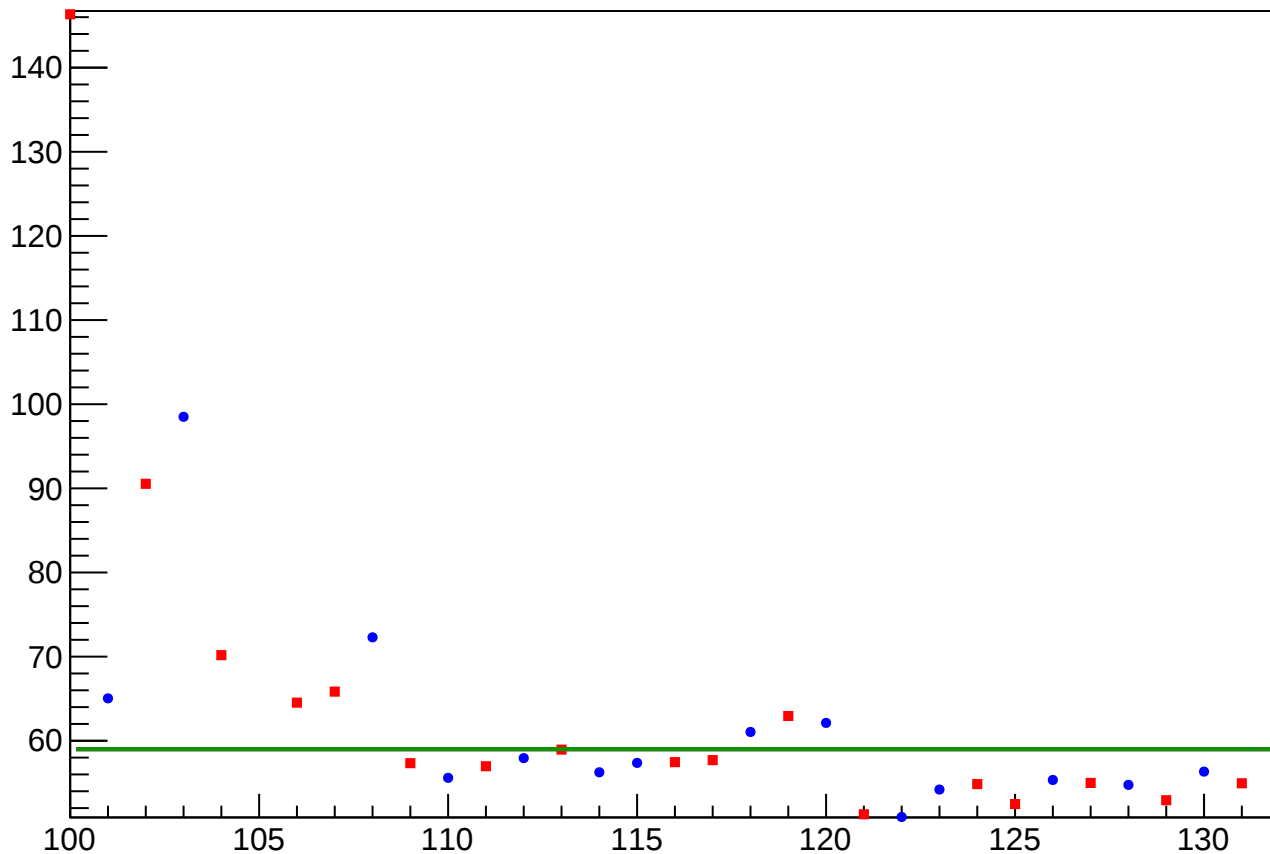
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

61.070 $\pm$ 25.226 χ^2 /NDF: 13.2/14

27.053 $\pm$ 17.536 χ^2 /NDF: 32.5/31

-4.759 $\pm$ 24.395 χ^2 /NDF: 15.8/16

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 59.008+/-0.018 χ^2/NDF : 267040.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.992+/-0.017 χ^2/NDF : 270685.6/16

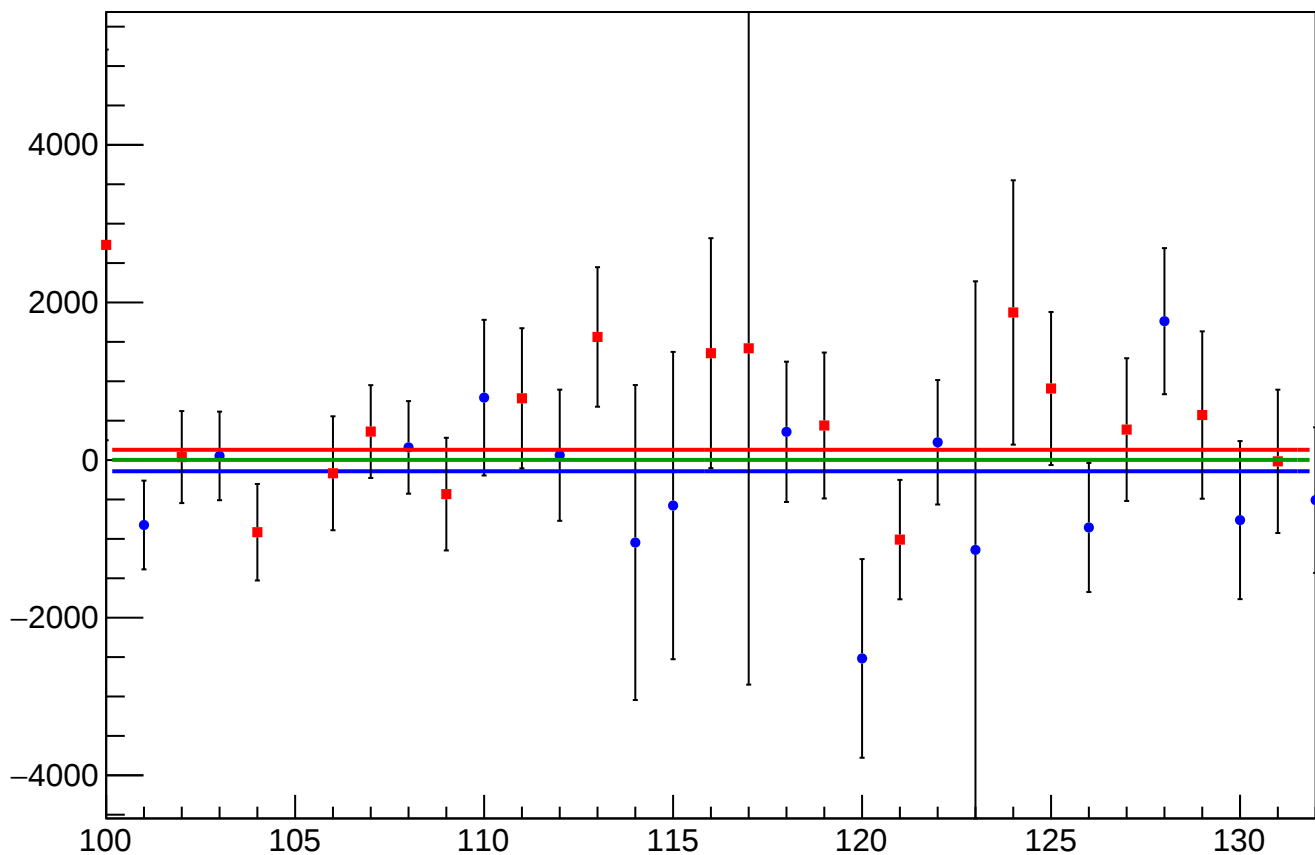
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.008+/-0.018 χ^2/NDF : 267040.3/14

59.000+/-0.012 χ^2/NDF : 537726.3/31

58.992+/-0.017 χ^2/NDF : 270685.6/16

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -141.806+/-220.307 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.608+/-207.524 χ^2/NDF : 13.3/16

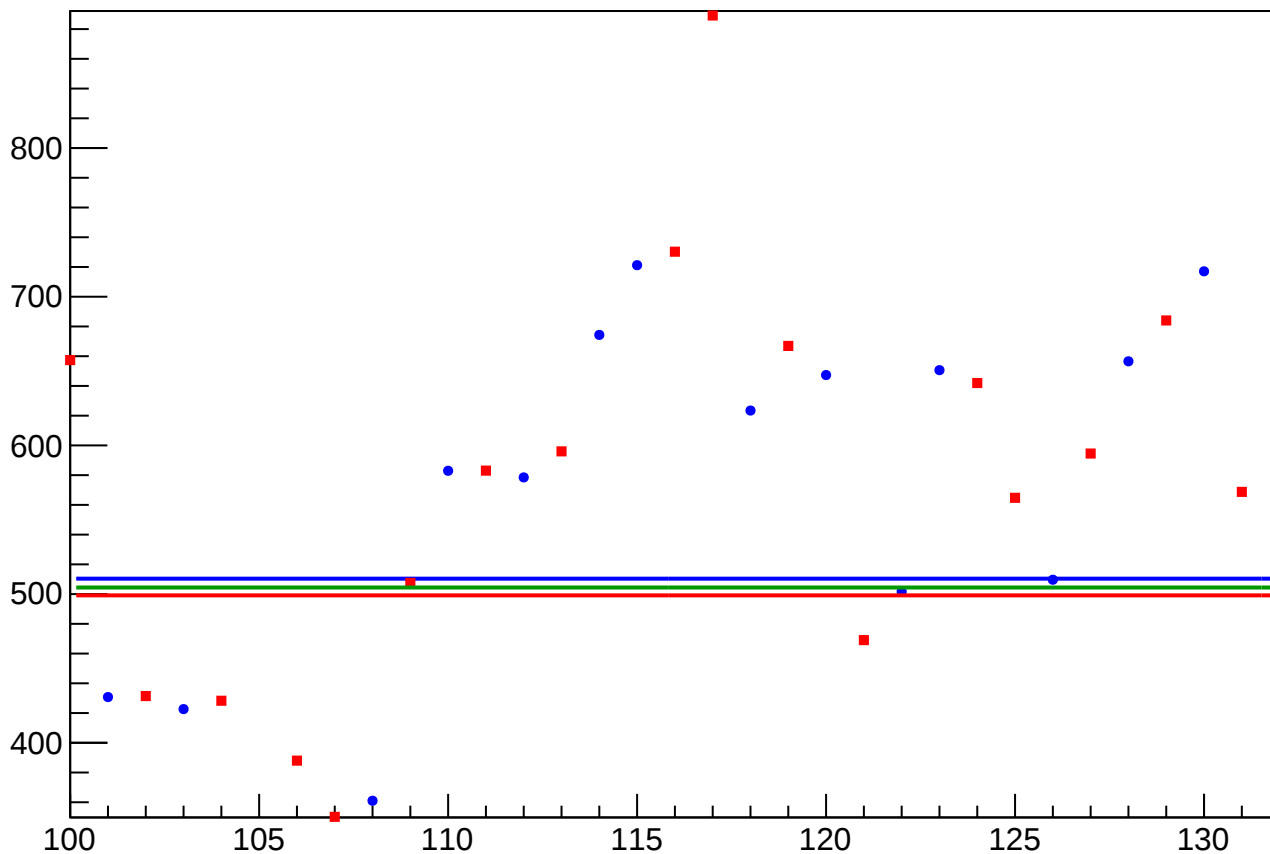
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-141.806+/-220.307 χ^2/NDF : 12.8/14

2.533+/-151.059 χ^2/NDF : 26.9/31

130.608+/-207.524 χ^2/NDF : 13.3/16

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 510.382+/-0.156 χ^2/NDF : 487400.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.144+/-0.147 χ^2/NDF : 532932.1/16

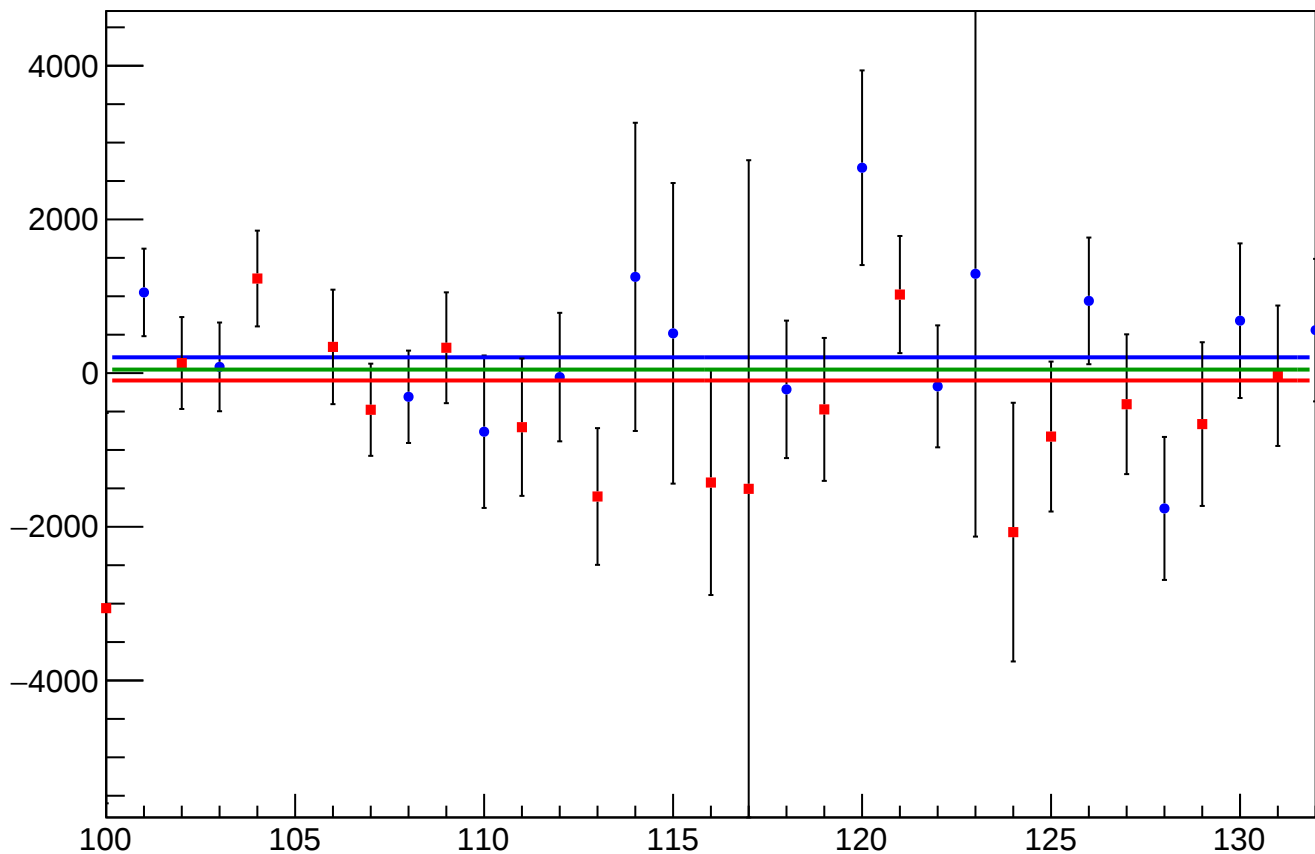
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

510.382+/-0.156 χ^2/NDF : 487400.8/14

504.428+/-0.107 χ^2/NDF : 1023090.4/31

499.144+/-0.147 χ^2/NDF : 532932.1/16

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 205.588 $\pm$ 222.866 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -95.762 $\pm$ 210.190 χ^2 /NDF: 16.1/16

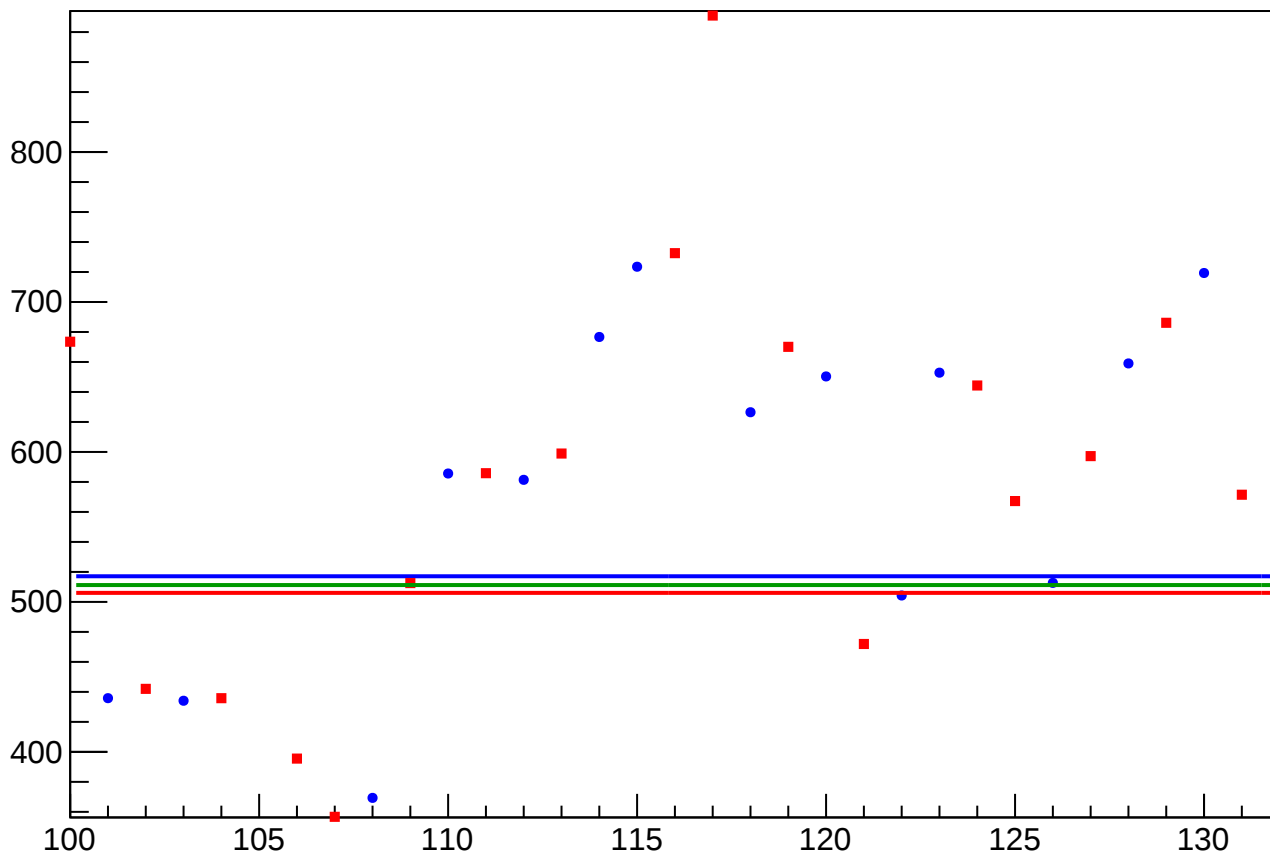
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

205.588 $\pm$ 222.866 χ^2 /NDF: 14.3/14

46.099 $\pm$ 152.912 χ^2 /NDF: 31.3/31

-95.762 $\pm$ 210.190 χ^2 /NDF: 16.1/16

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 517.103+/-0.158 χ^2/NDF : 454954.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.029+/-0.149 χ^2/NDF : 502149.2/16

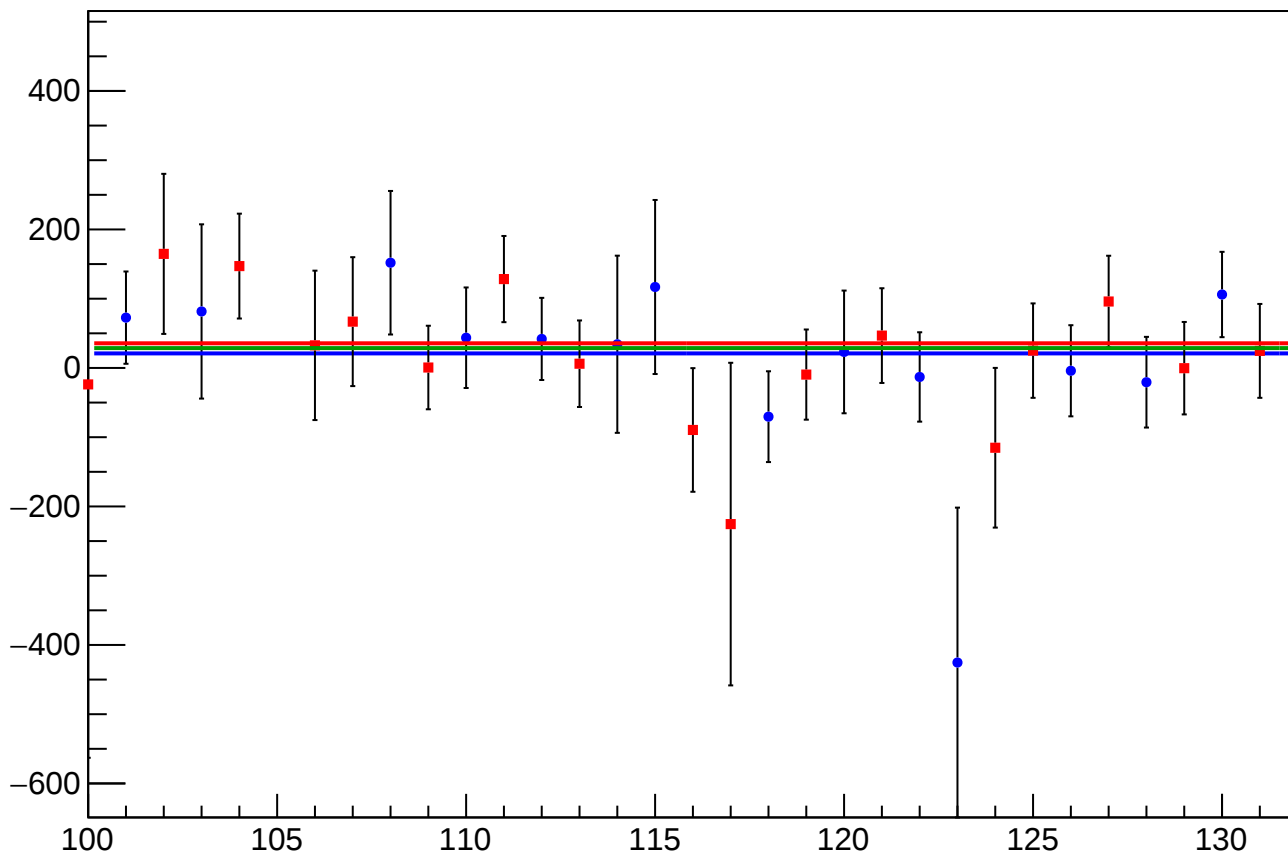
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

517.103+/-0.158 χ^2/NDF : 454954.7/14

511.242+/-0.108 χ^2/NDF : 959717.2/31

506.029+/-0.149 χ^2/NDF : 502149.2/16

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 21.004 $\pm$ 19.850 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.599 $\pm$ 18.904 χ^2 /NDF: 12.9/16

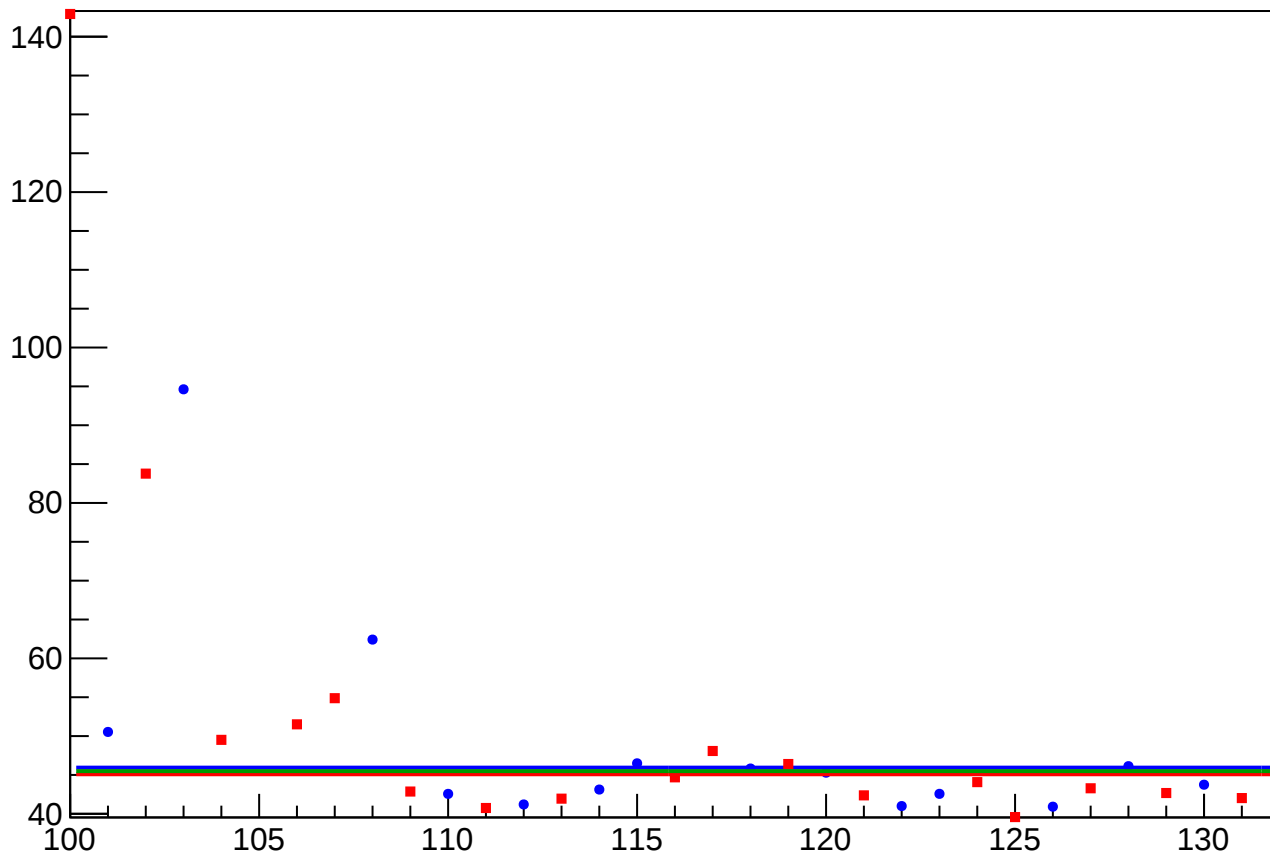
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.004 $\pm$ 19.850 χ^2 /NDF: 12.8/14

28.657 $\pm$ 13.690 χ^2 /NDF: 26.0/31

35.599 $\pm$ 18.904 χ^2 /NDF: 12.9/16

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.938 $\pm$ 0.014 χ^2 /NDF: 406127.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.089 $\pm$ 0.013 χ^2 /NDF: 369221.1/16

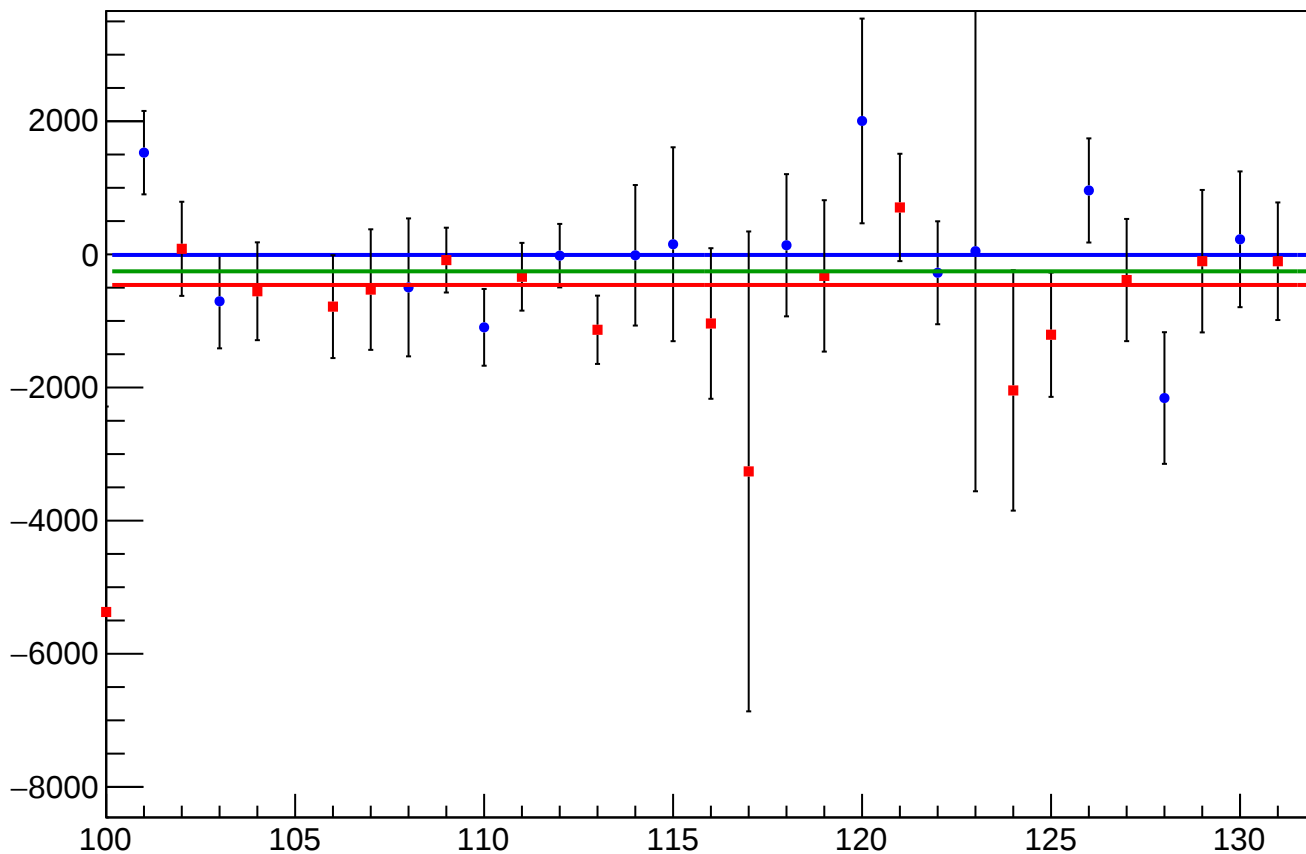
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

45.938 $\pm$ 0.014 χ^2 /NDF: 406127.5/14

45.493 $\pm$ 0.010 χ^2 /NDF: 777266.9/31

45.089 $\pm$ 0.013 χ^2 /NDF: 369221.1/16

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -8.531+/-212.133 χ^2 /NDF: 19.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -459.443+/-193.529 χ^2 /NDF: 10.4/16

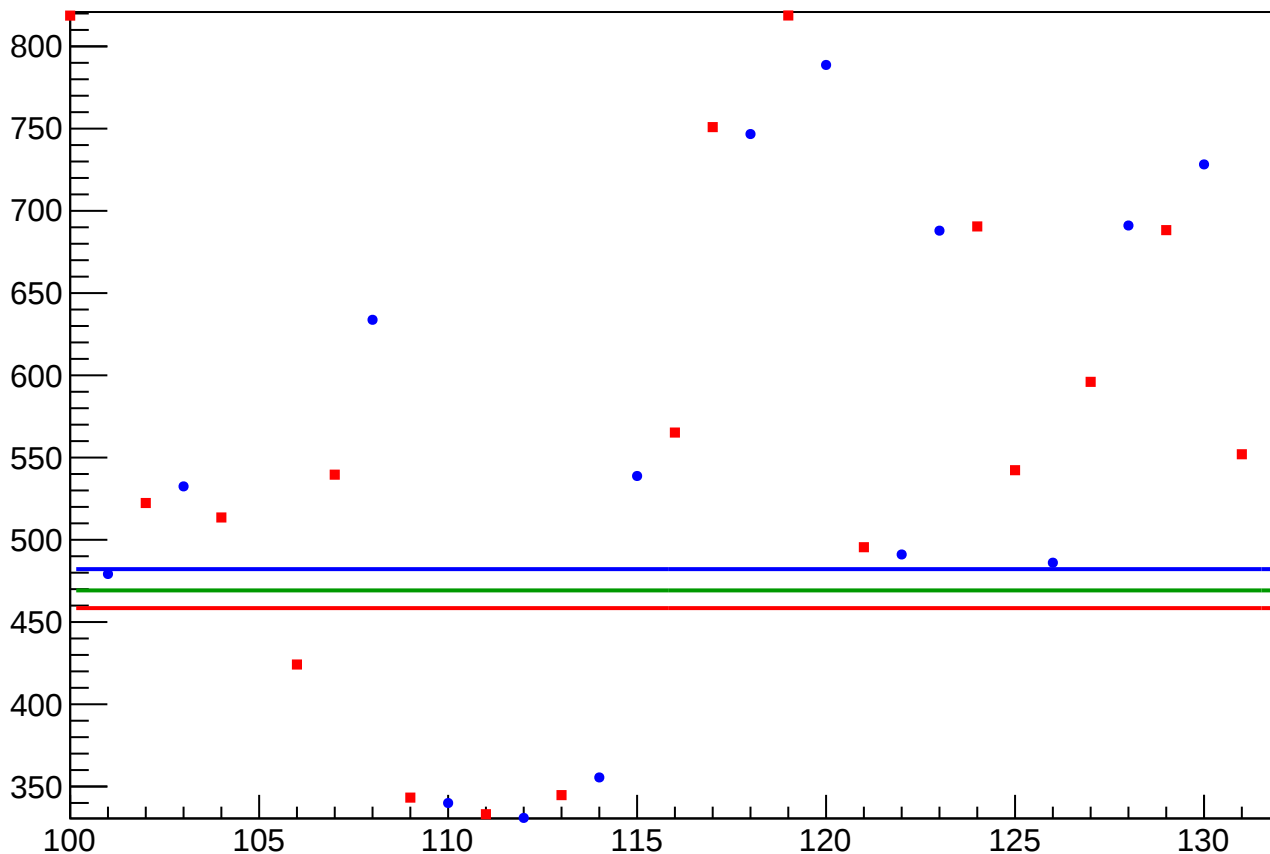
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-8.531+/-212.133 χ^2 /NDF: 19.8/14

-254.623+/-142.971 χ^2 /NDF: 32.6/31

-459.443+/-193.529 χ^2 /NDF: 10.4/16

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 482.166+/-0.150 χ^2/NDF : 837043.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.461+/-0.137 χ^2/NDF : 851154.8/16

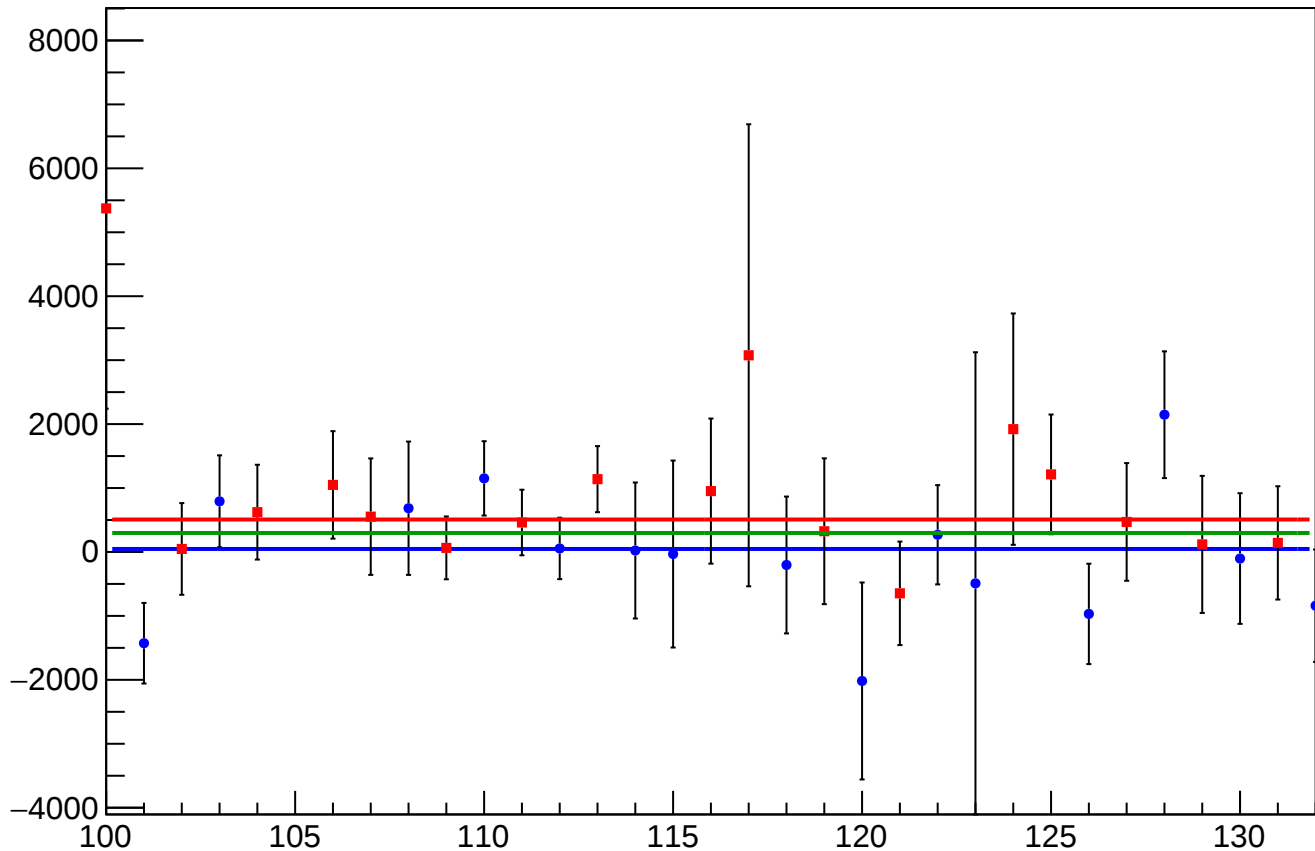
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

482.166+/-0.150 χ^2/NDF : 837043.9/14

469.229+/-0.101 χ^2/NDF : 1701829.1/31

458.461+/-0.137 χ^2/NDF : 851154.8/16

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 46.832 $\pm$ 213.507 χ^2 /NDF: 19.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 507.587 $\pm$ 195.746 χ^2 /NDF: 9.8/16

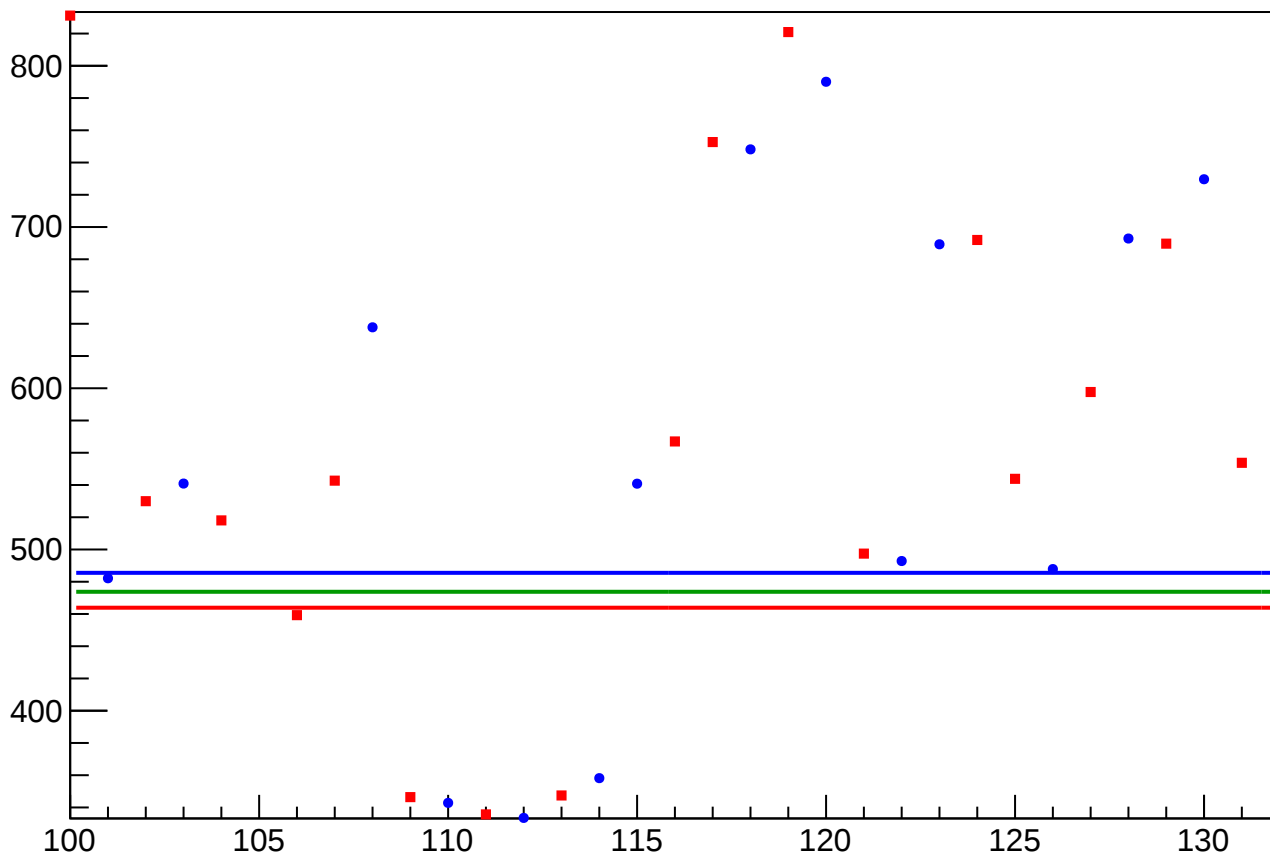
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

46.832 $\pm$ 213.507 χ^2 /NDF: 19.7/14

297.168 $\pm$ 144.285 χ^2 /NDF: 32.0/31

507.587 $\pm$ 195.746 χ^2 /NDF: 9.8/16

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 485.526+/-0.151 χ^2/NDF : 827494.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.891+/-0.138 χ^2/NDF : 837849.1/16

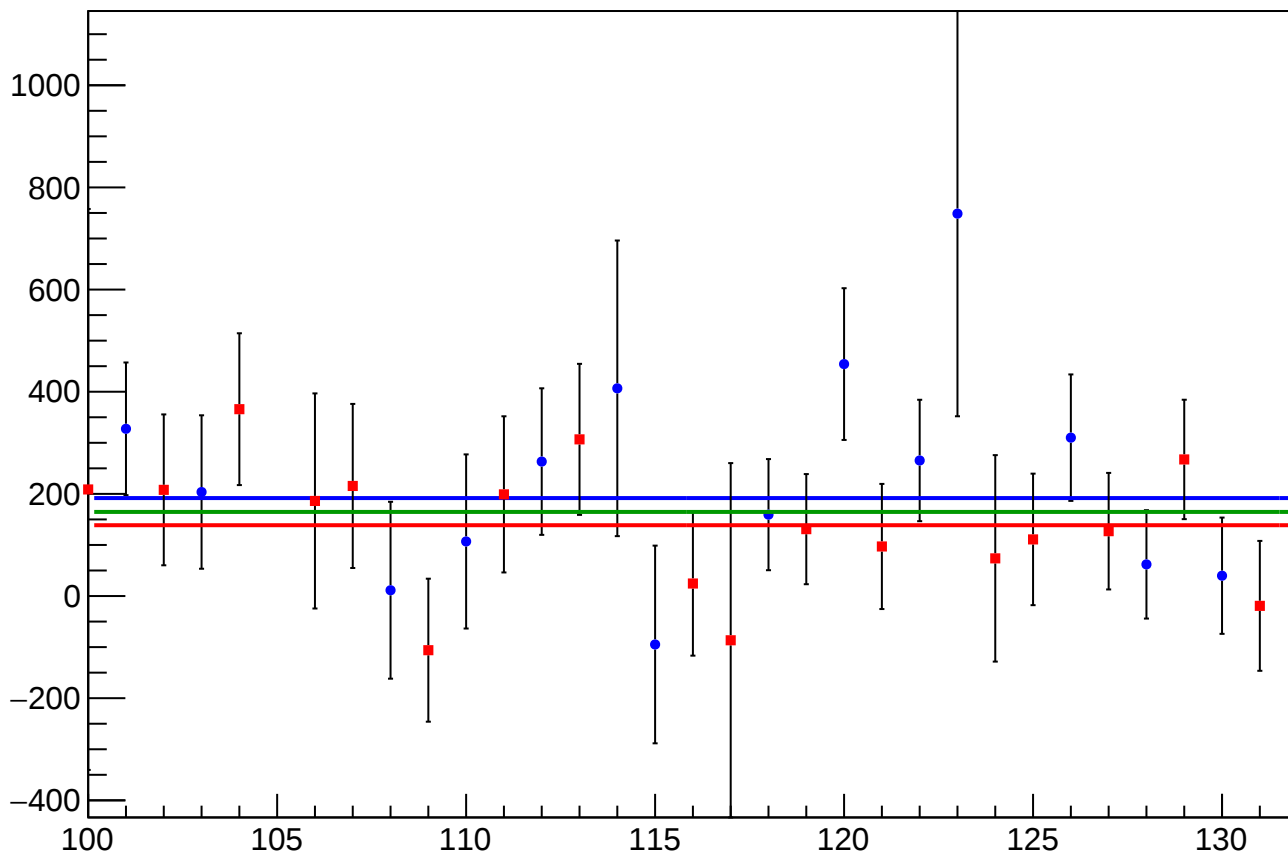
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

485.526+/-0.151 χ^2/NDF : 827494.0/14

473.771+/-0.102 χ^2/NDF : 1676500.8/31

463.891+/-0.138 χ^2/NDF : 837849.1/16

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 191.795 $\pm$ 36.017 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.655 $\pm$ 35.287 χ^2 /NDF: 11.5/16

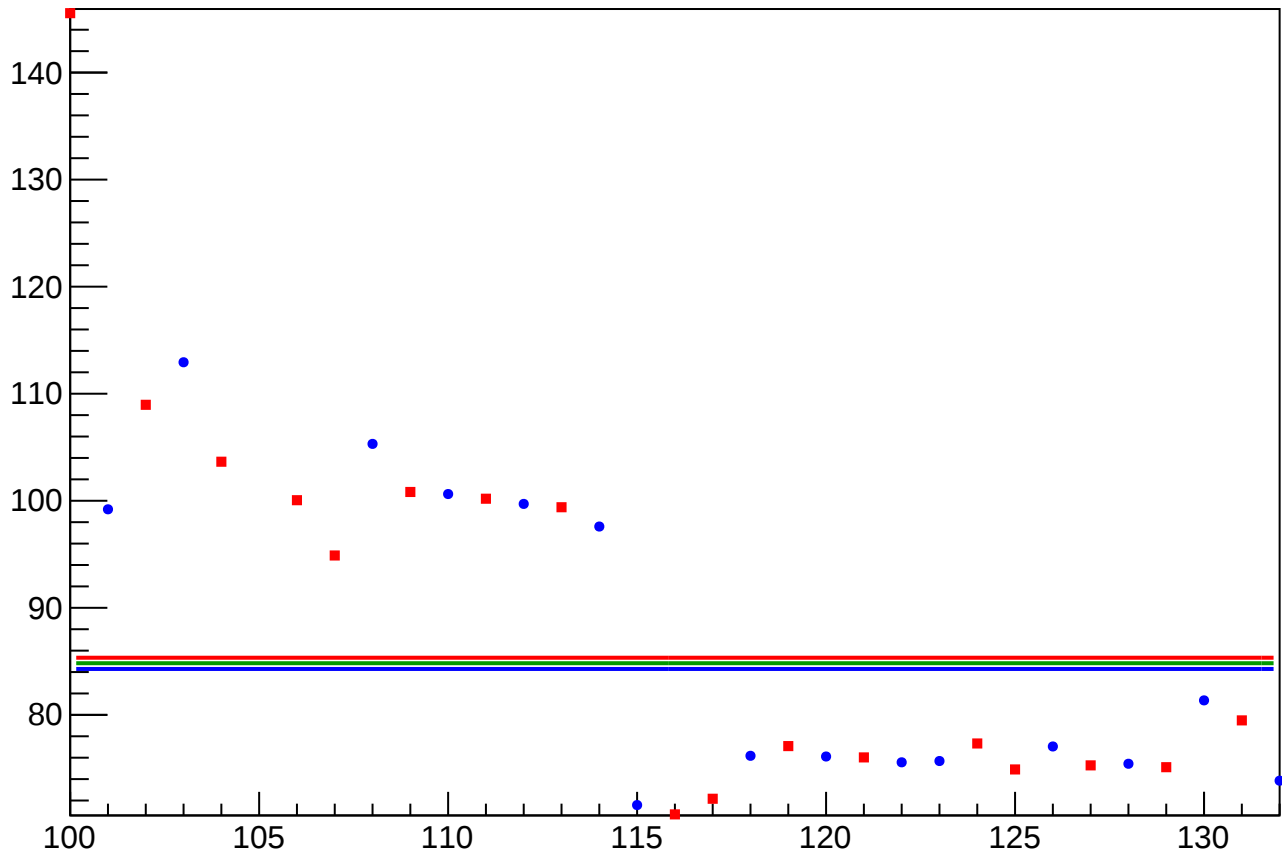
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.795 $\pm$ 36.017 χ^2 /NDF: 15.2/14

164.680 $\pm$ 25.206 χ^2 /NDF: 27.8/31

138.655 $\pm$ 35.287 χ^2 /NDF: 11.5/16

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 84.289+/-0.025 χ^2/NDF : 250058.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.339+/-0.025 χ^2/NDF : 282849.4/16

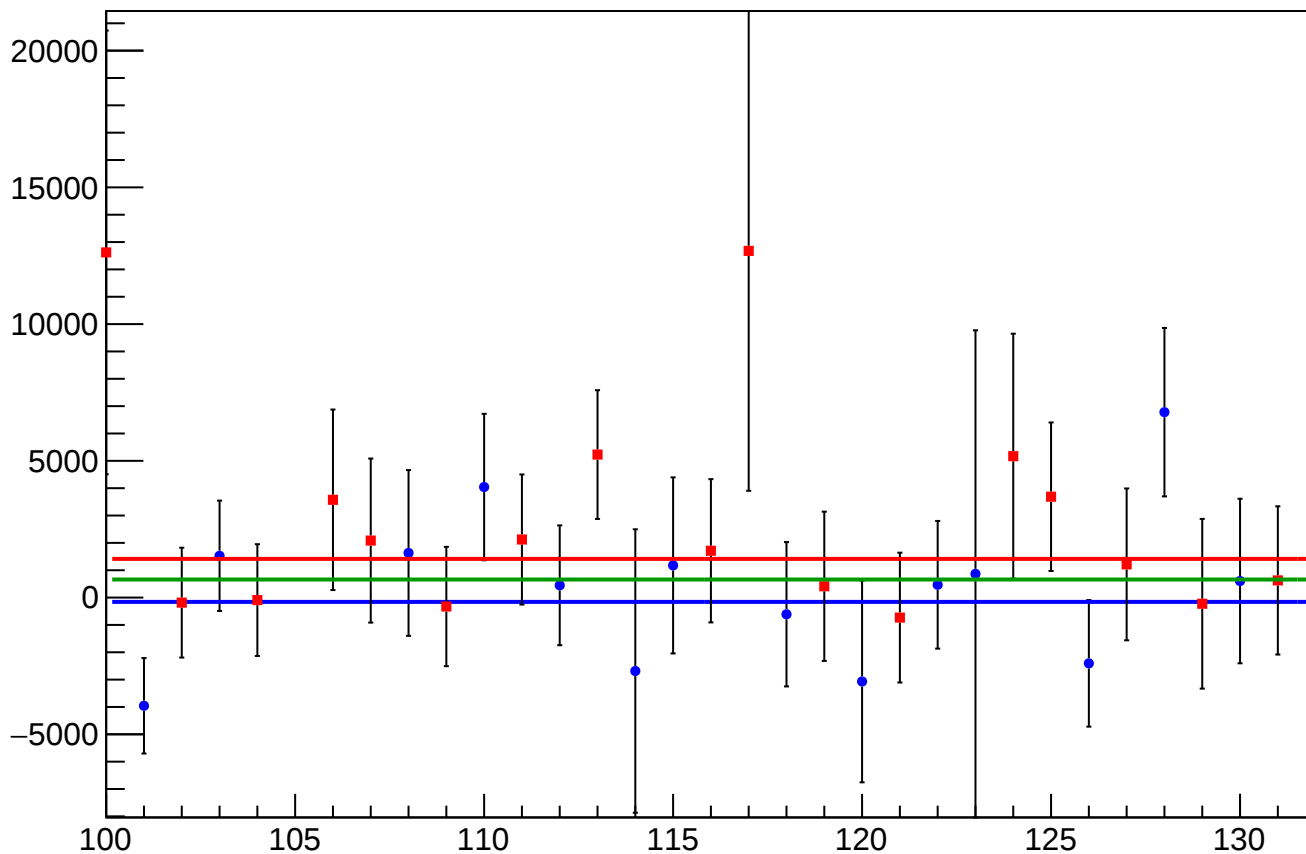
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.289+/-0.025 χ^2/NDF : 250058.5/14

84.825+/-0.018 χ^2/NDF : 533774.7/31

85.339+/-0.025 χ^2/NDF : 282849.4/16

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -157.964 $\pm$ 686.766 χ^2 /NDF: 16.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1414.708 $\pm$ 659.607 χ^2 /NDF: 11.3/16

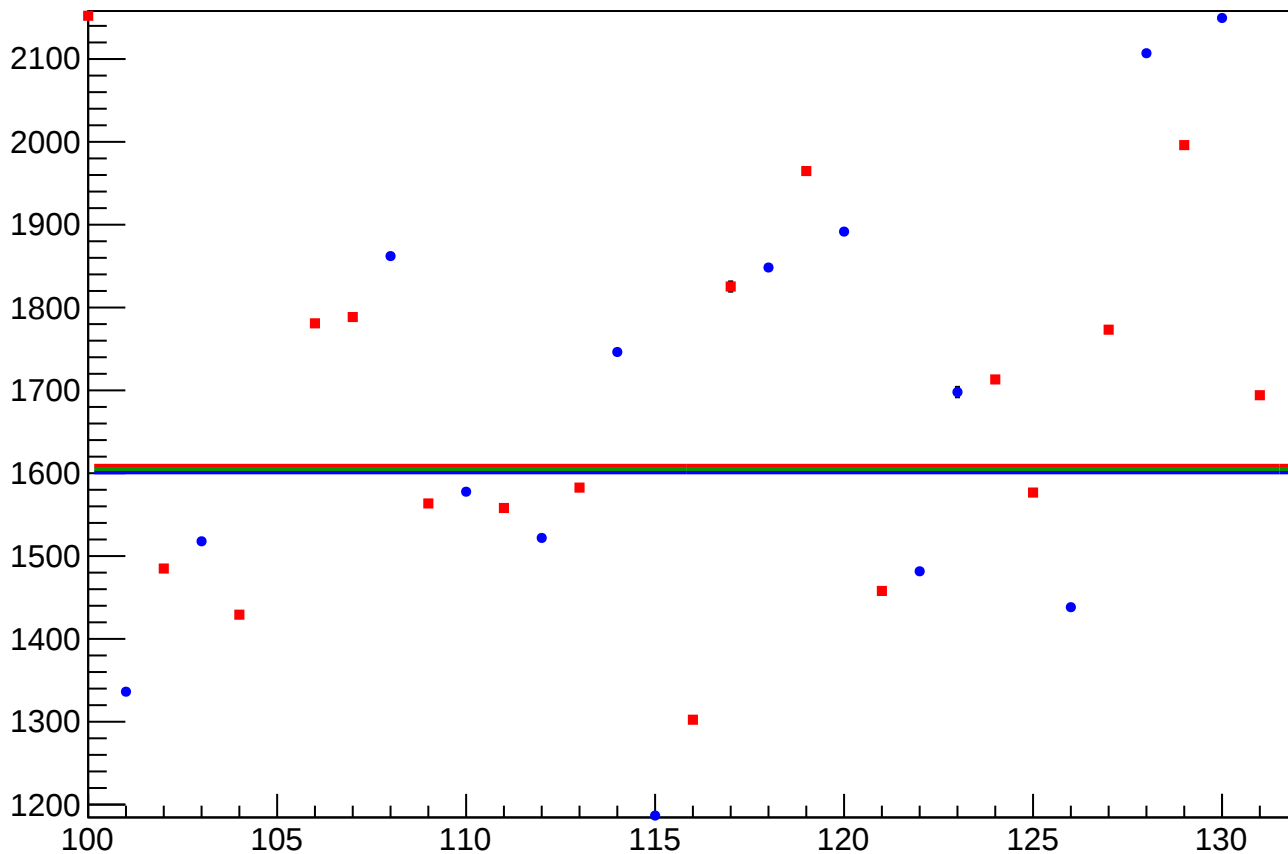
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-157.964 $\pm$ 686.766 χ^2 /NDF: 16.4/14

660.083 $\pm$ 475.724 χ^2 /NDF: 30.5/31

1414.708 $\pm$ 659.607 χ^2 /NDF: 11.3/16

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1601.069+/-0.486 χ^2/NDF : 270142.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.946+/-0.466 χ^2/NDF : 158872.8/16

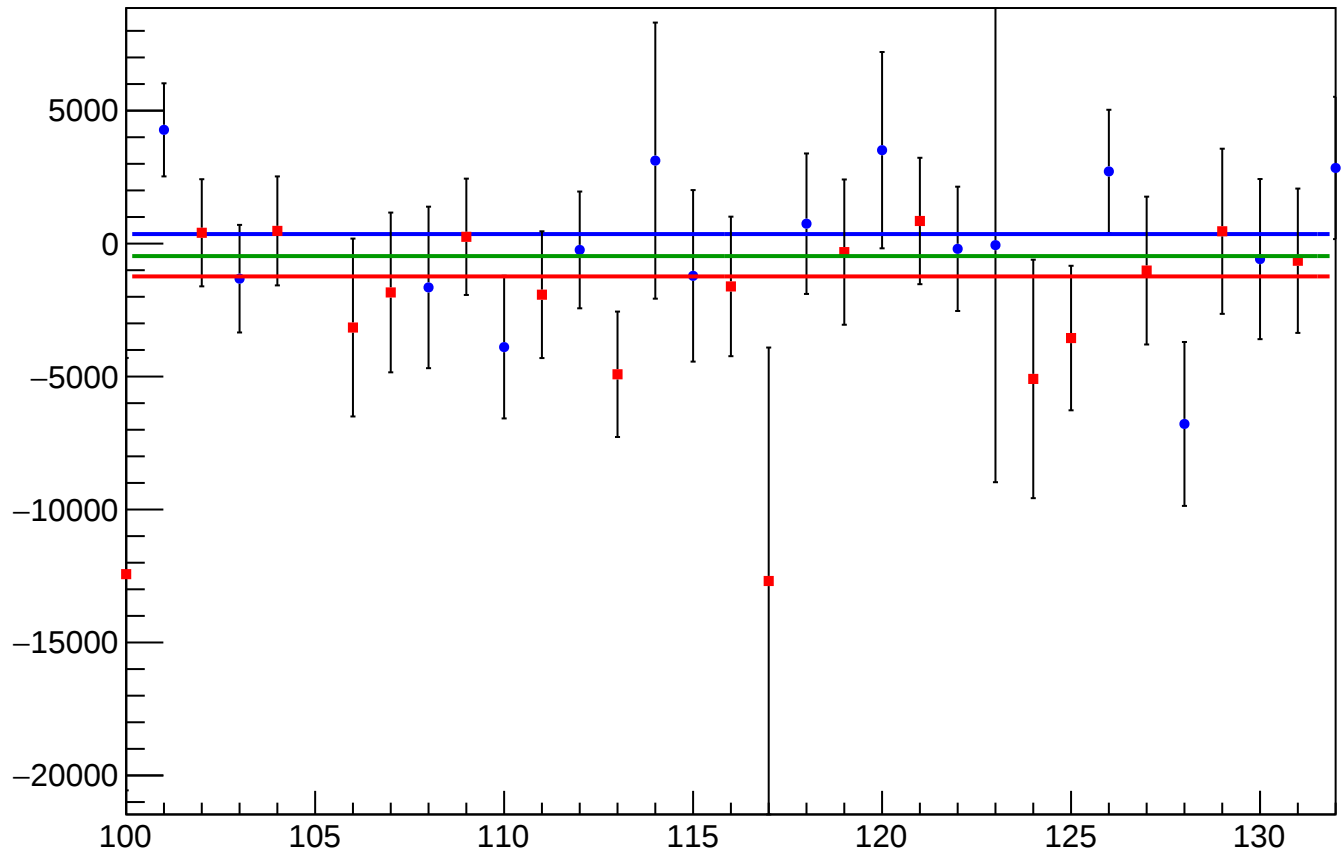
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1601.069+/-0.486 χ^2/NDF : 270142.4/14

1605.166+/-0.336 χ^2/NDF : 429152.0/31

1608.946+/-0.466 χ^2/NDF : 158872.8/16

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 358.452+/-687.999 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1234.060+/-661.071 χ^2/NDF : 11.0/16

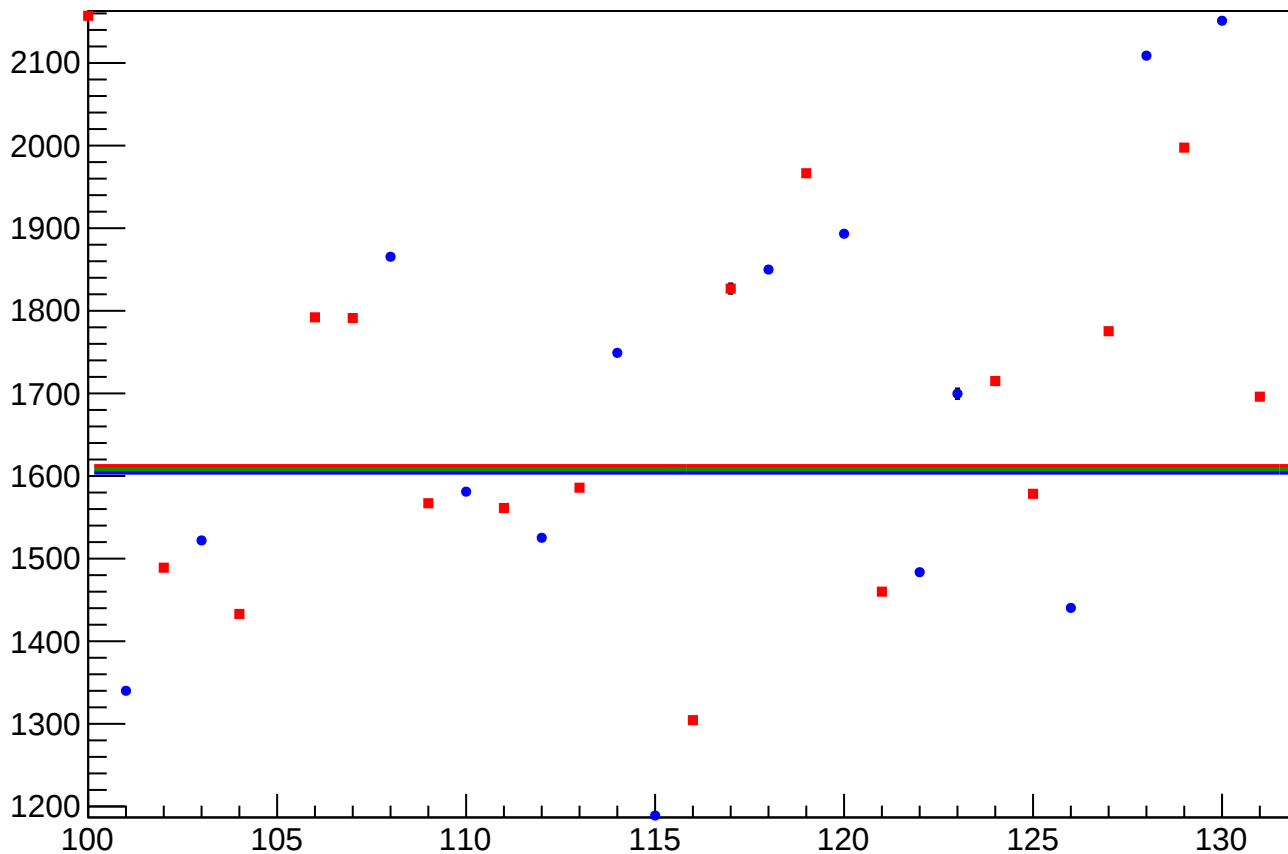
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

358.452+/-687.999 χ^2/NDF : 17.4/14

-469.578+/-476.683 χ^2/NDF : 31.2/31

-1234.060+/-661.071 χ^2/NDF : 11.0/16

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1604.094+/-0.486 χ^2/NDF : 268384.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.049+/-0.467 χ^2/NDF : 158183.3/16

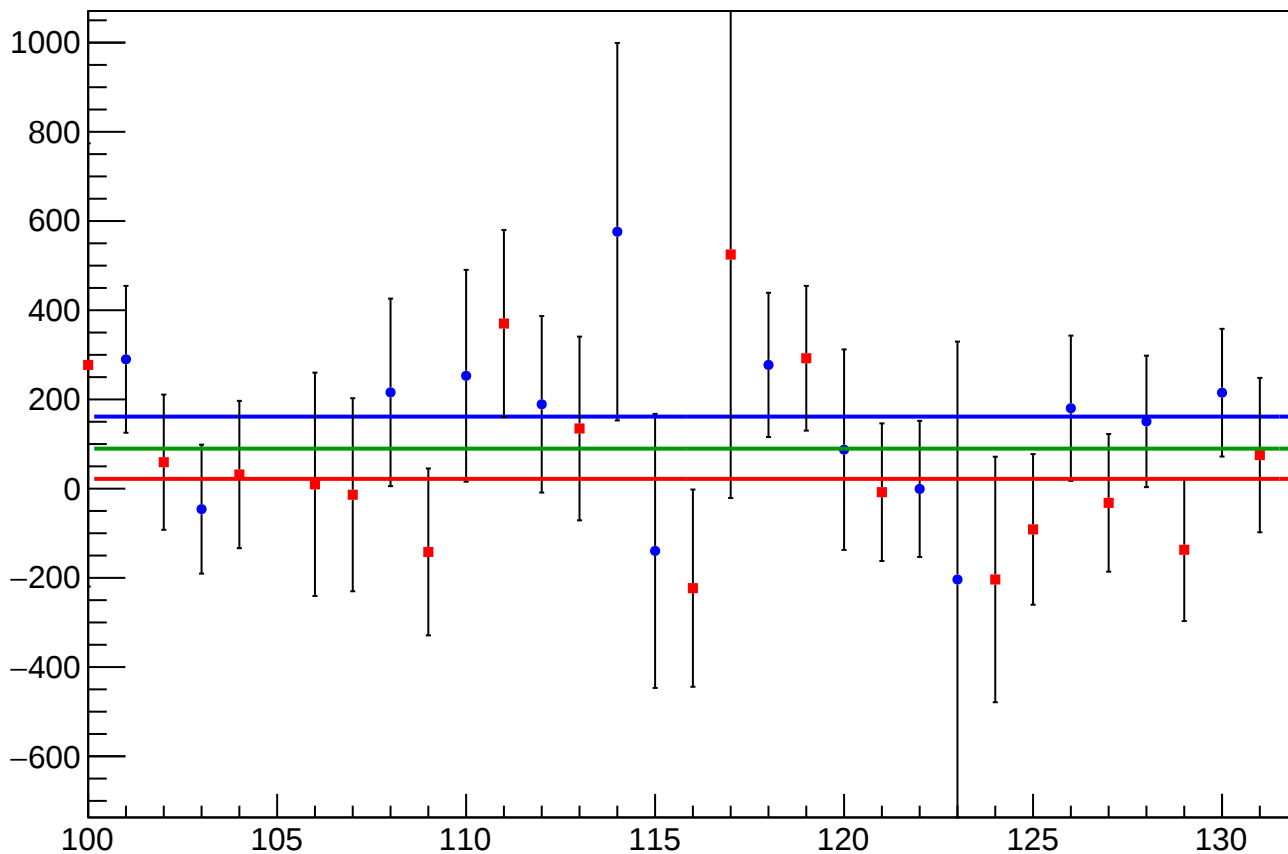
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1604.094+/-0.486 χ^2/NDF : 268384.6/14

1608.231+/-0.337 χ^2/NDF : 426706.9/31

1612.049+/-0.467 χ^2/NDF : 158183.3/16

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.527 $\pm$ 47.844 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.953 $\pm$ 46.471 χ^2 /NDF: 11.4/16

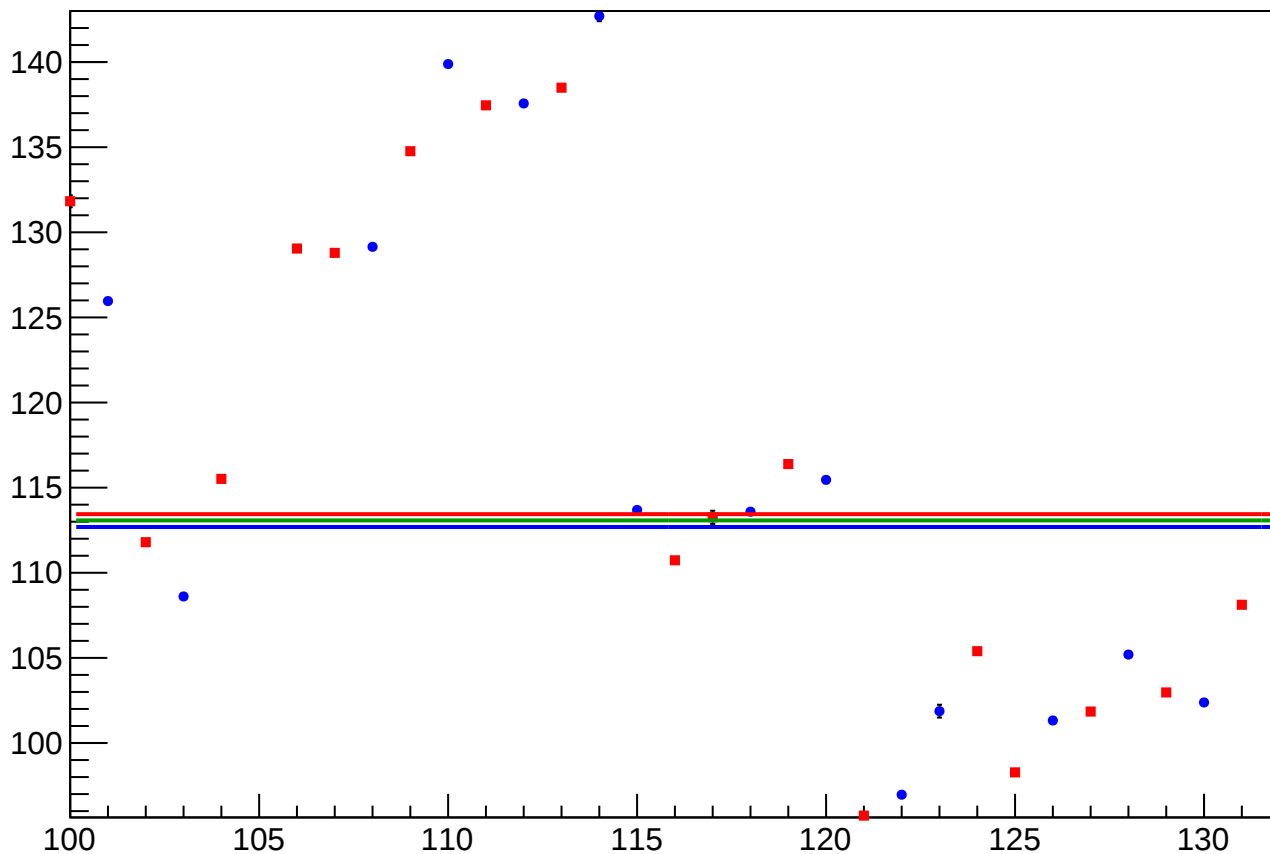
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.527 $\pm$ 47.844 χ^2 /NDF: 8.0/14

89.709 $\pm$ 33.335 χ^2 /NDF: 23.7/31

21.953 $\pm$ 46.471 χ^2 /NDF: 11.4/16

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 112.689+/-0.034 χ^2/NDF : 142763.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.443+/-0.033 χ^2/NDF : 169833.5/16

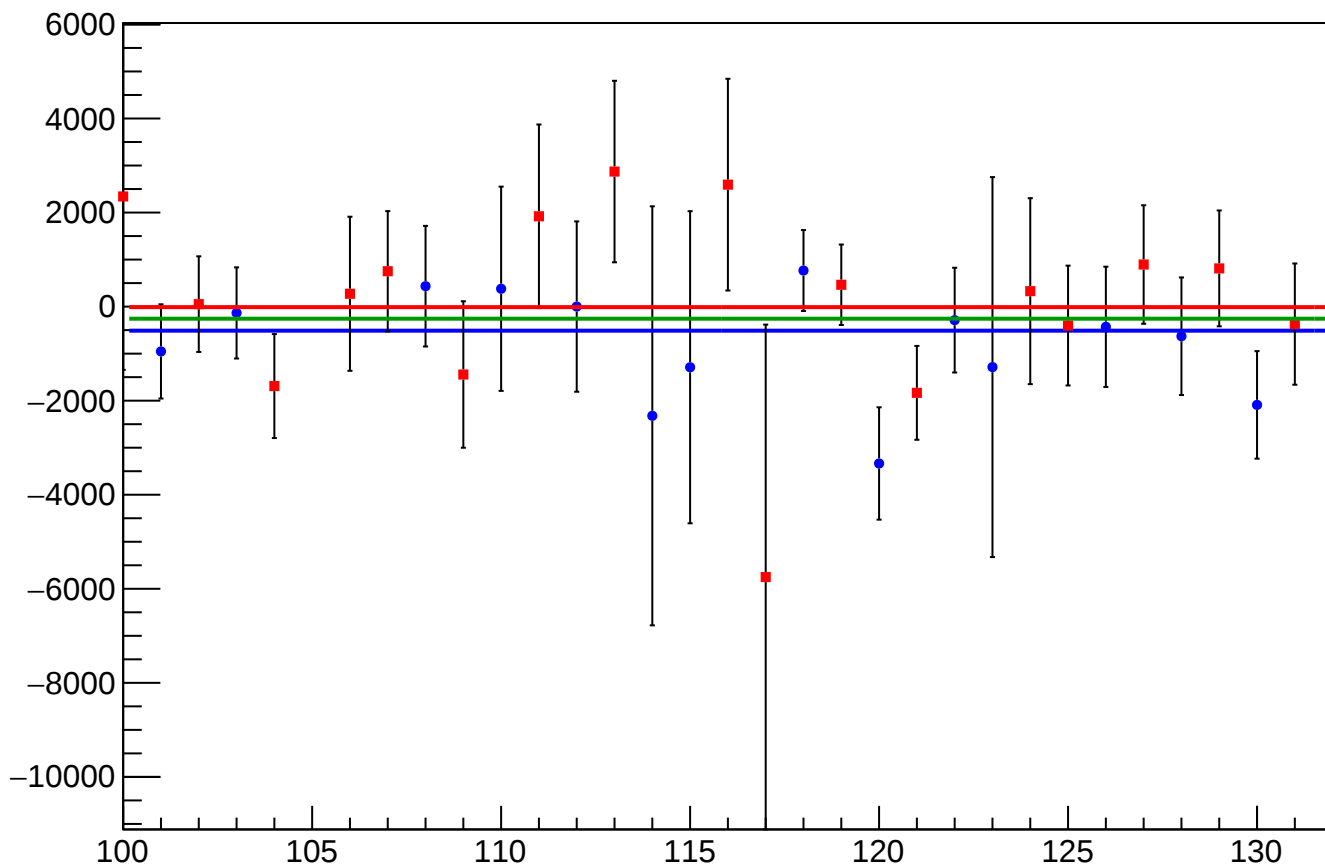
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.689+/-0.034 χ^2/NDF : 142763.2/14

113.077+/-0.024 χ^2/NDF : 312852.8/31

113.443+/-0.033 χ^2/NDF : 169833.5/16

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -511.524+/-336.272 χ^2/NDF : 11.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.024+/-330.540 χ^2/NDF : 14.5/16

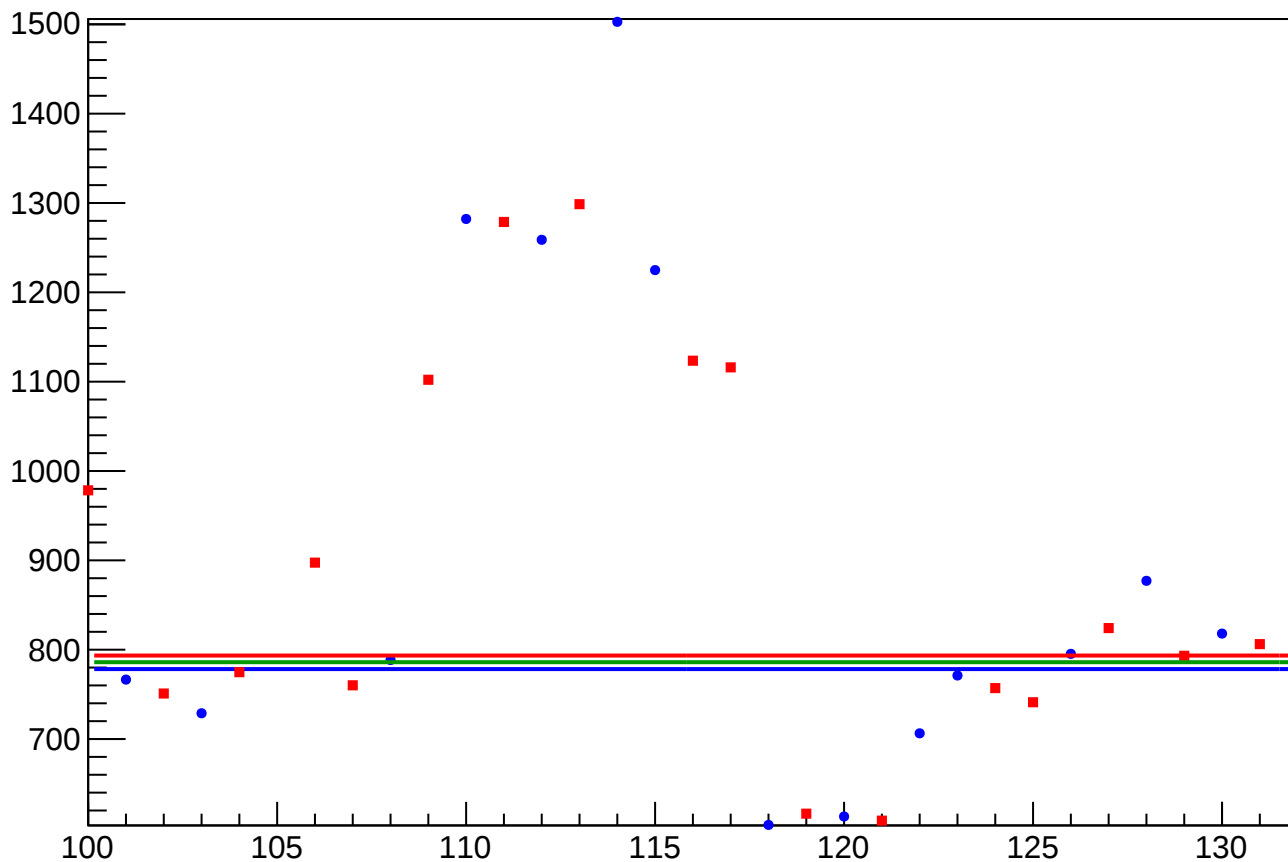
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-511.524+/-336.272 χ^2/NDF : 11.8/14

-256.972+/-235.728 χ^2/NDF : 27.4/31

-11.024+/-330.540 χ^2/NDF : 14.5/16

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 778.285+/-0.238 χ^2/NDF : 490940.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.463+/-0.234 χ^2/NDF : 567713.8/16

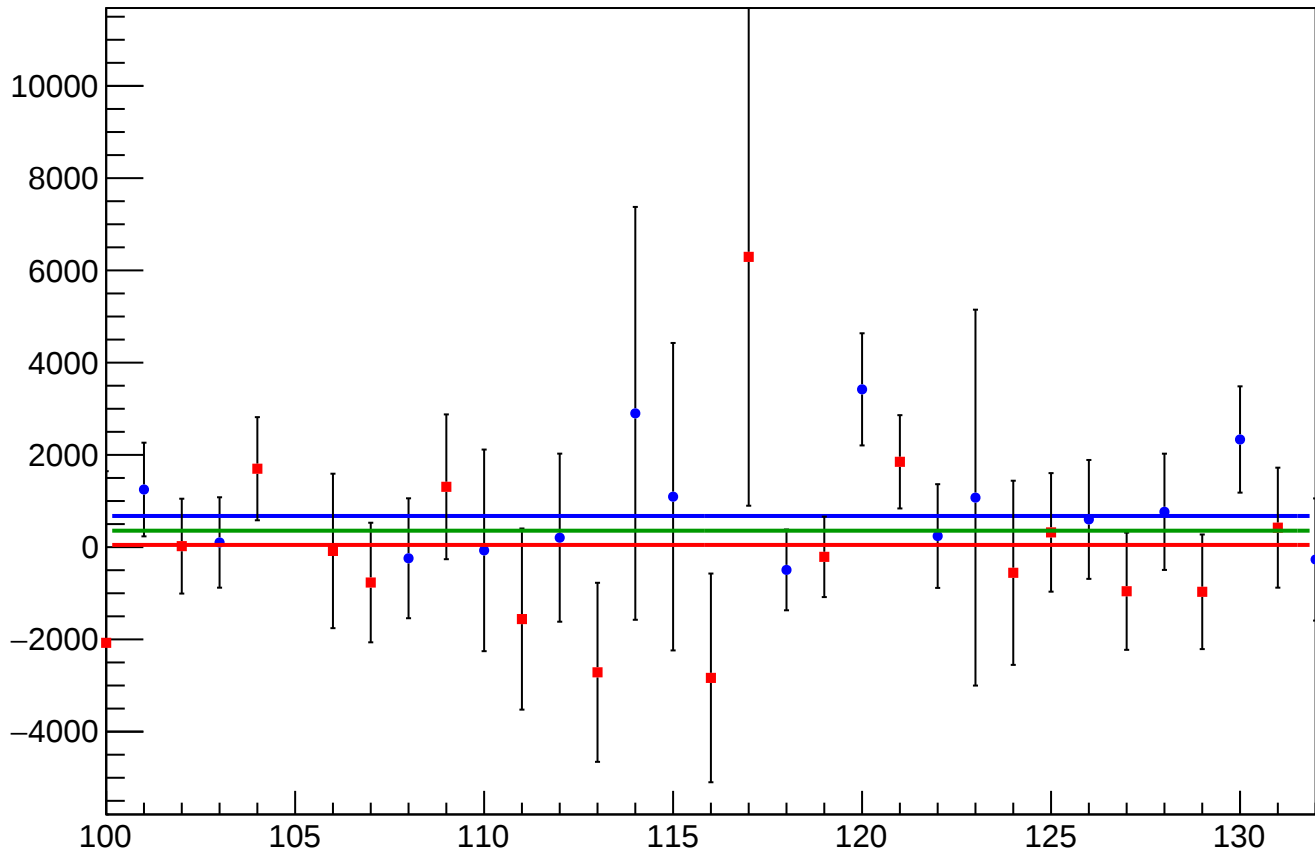
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

778.285+/-0.238 χ^2/NDF : 490940.3/14

786.005+/-0.167 χ^2/NDF : 1060726.6/31

793.463+/-0.234 χ^2/NDF : 567713.8/16

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 675.920 $\pm$ 340.201 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.097 $\pm$ 334.510 χ^2 /NDF: 14.0/16

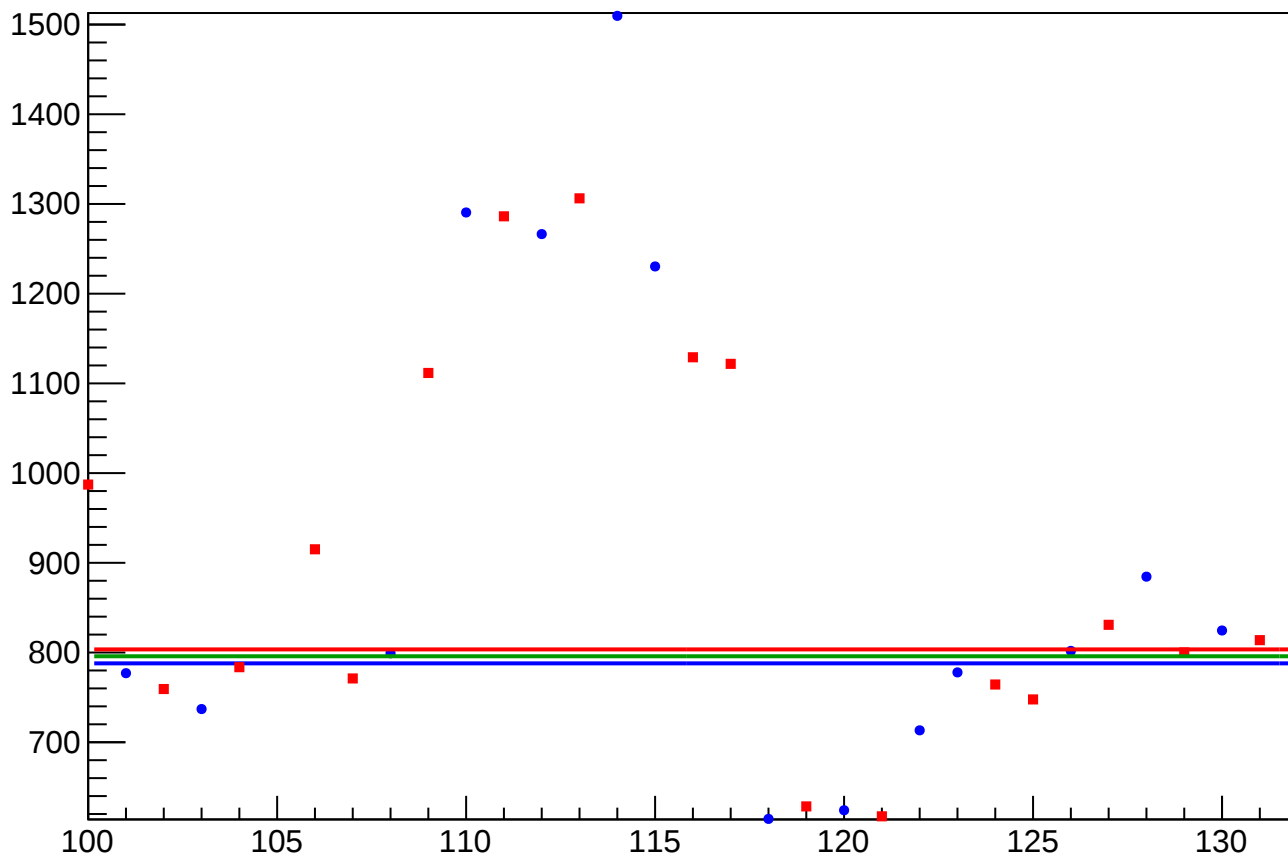
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

675.920 $\pm$ 340.201 χ^2 /NDF: 11.2/14

356.712 $\pm$ 238.521 χ^2 /NDF: 27.0/31

48.097 $\pm$ 334.510 χ^2 /NDF: 14.0/16

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 787.931+/-0.241 χ^2/NDF : 477753.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 803.482+/-0.237 χ^2/NDF : 553693.5/16

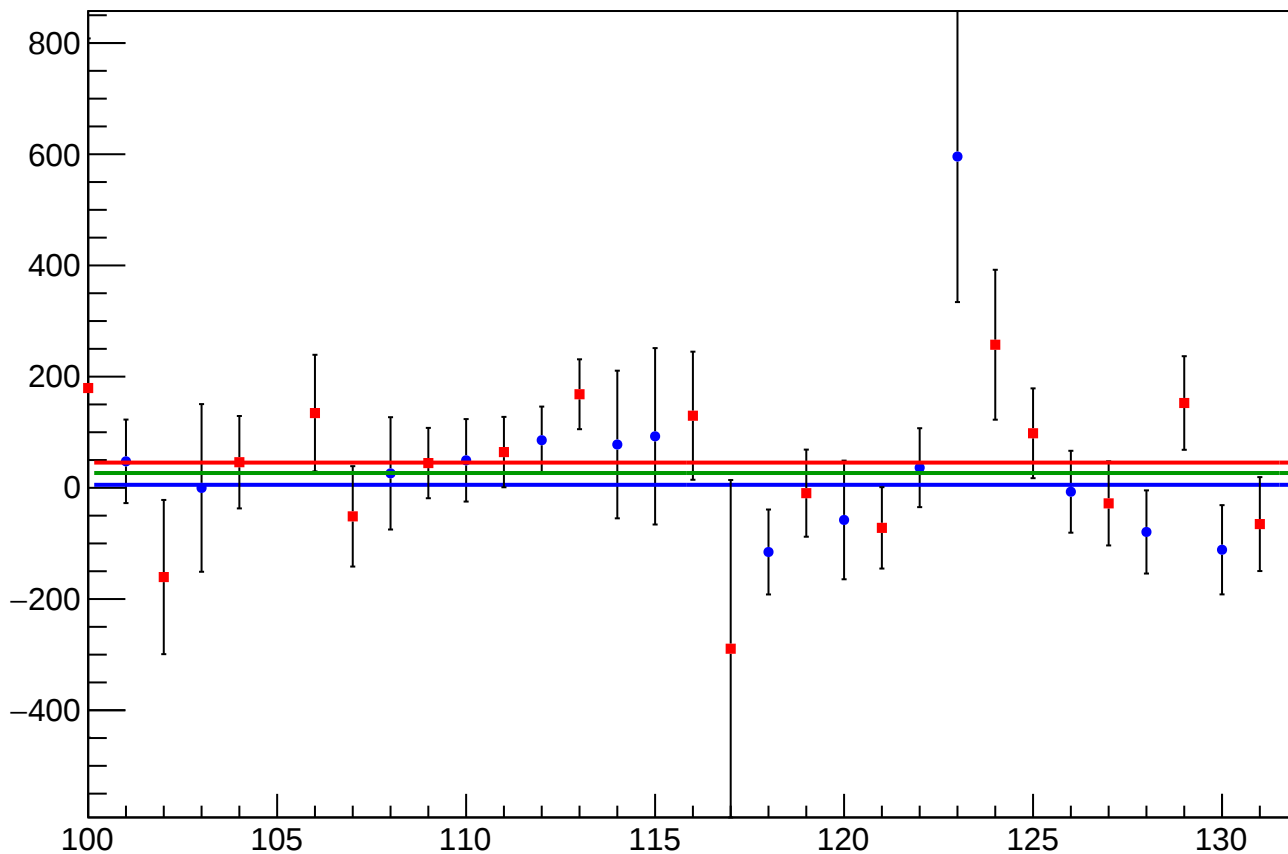
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

787.931+/-0.241 χ^2/NDF : 477753.3/14

795.838+/-0.169 χ^2/NDF : 1033571.5/31

803.482+/-0.237 χ^2/NDF : 553693.5/16

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 5.440 $\pm$ 22.364 χ^2 /NDF: 14.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.418 $\pm$ 21.008 χ^2 /NDF: 20.0/16

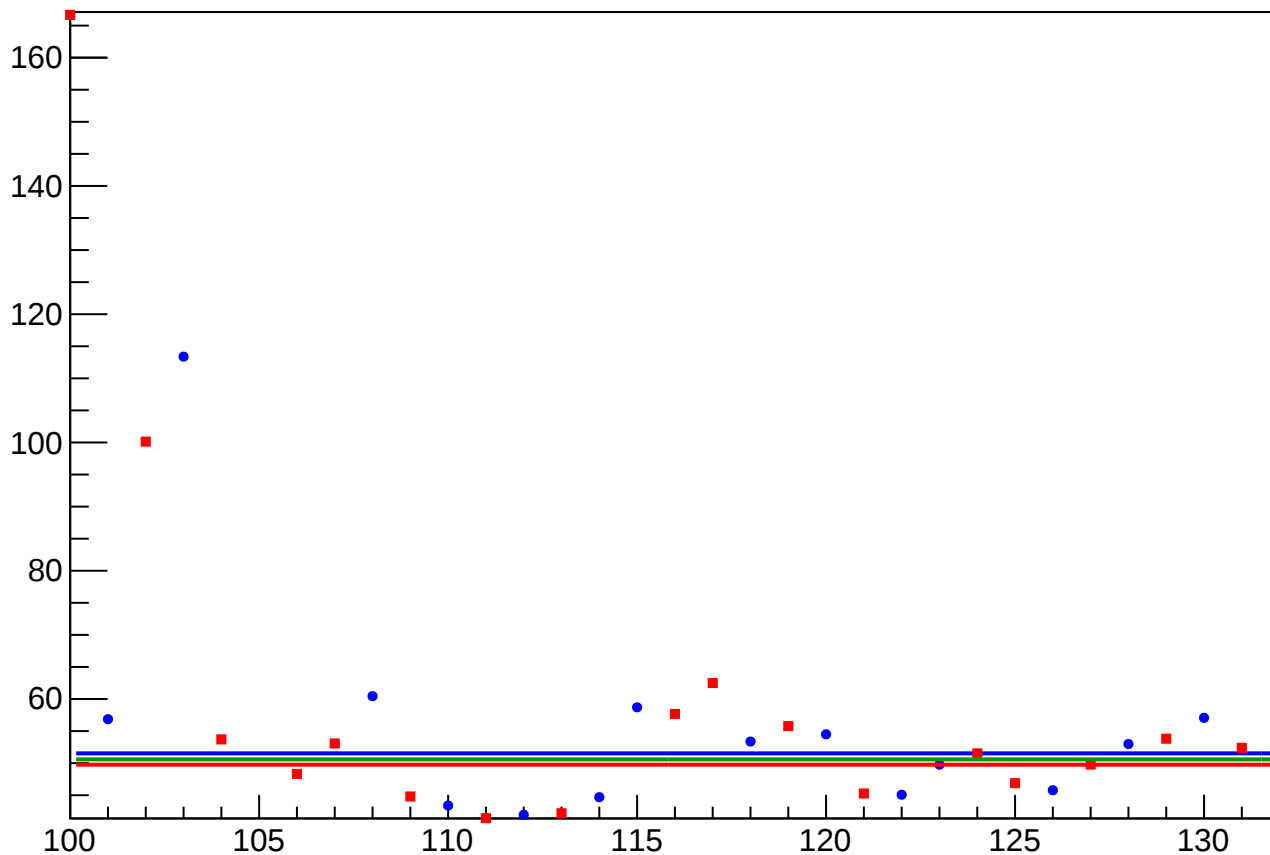
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.440 $\pm$ 22.364 χ^2 /NDF: 14.6/14

26.677 $\pm$ 15.312 χ^2 /NDF: 36.4/31

45.418 $\pm$ 21.008 χ^2 /NDF: 20.0/16

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.528+/-0.016 χ^2/NDF : 489329.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.761+/-0.015 χ^2/NDF : 458440.3/16

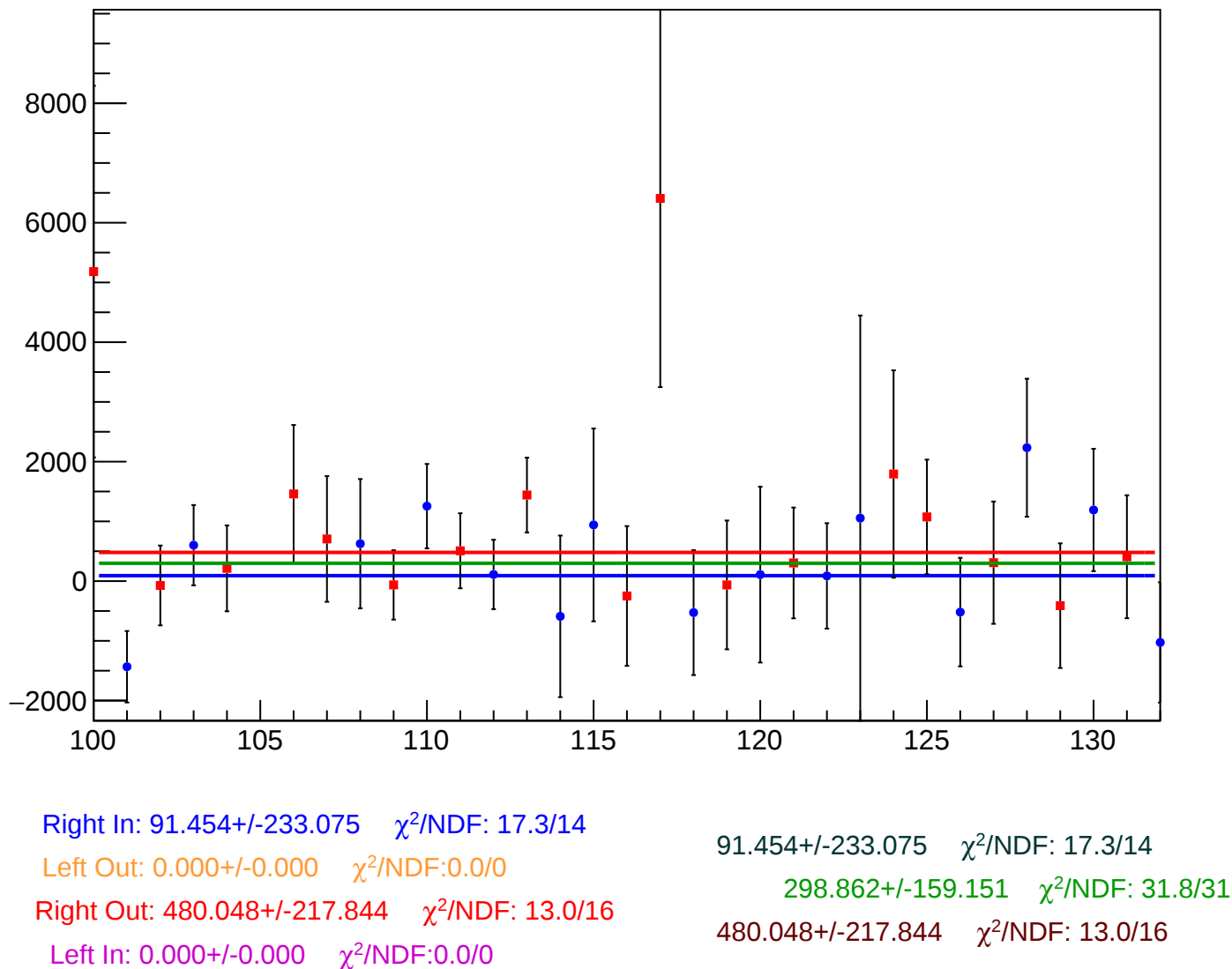
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.528+/-0.016 χ^2/NDF : 489329.8/14

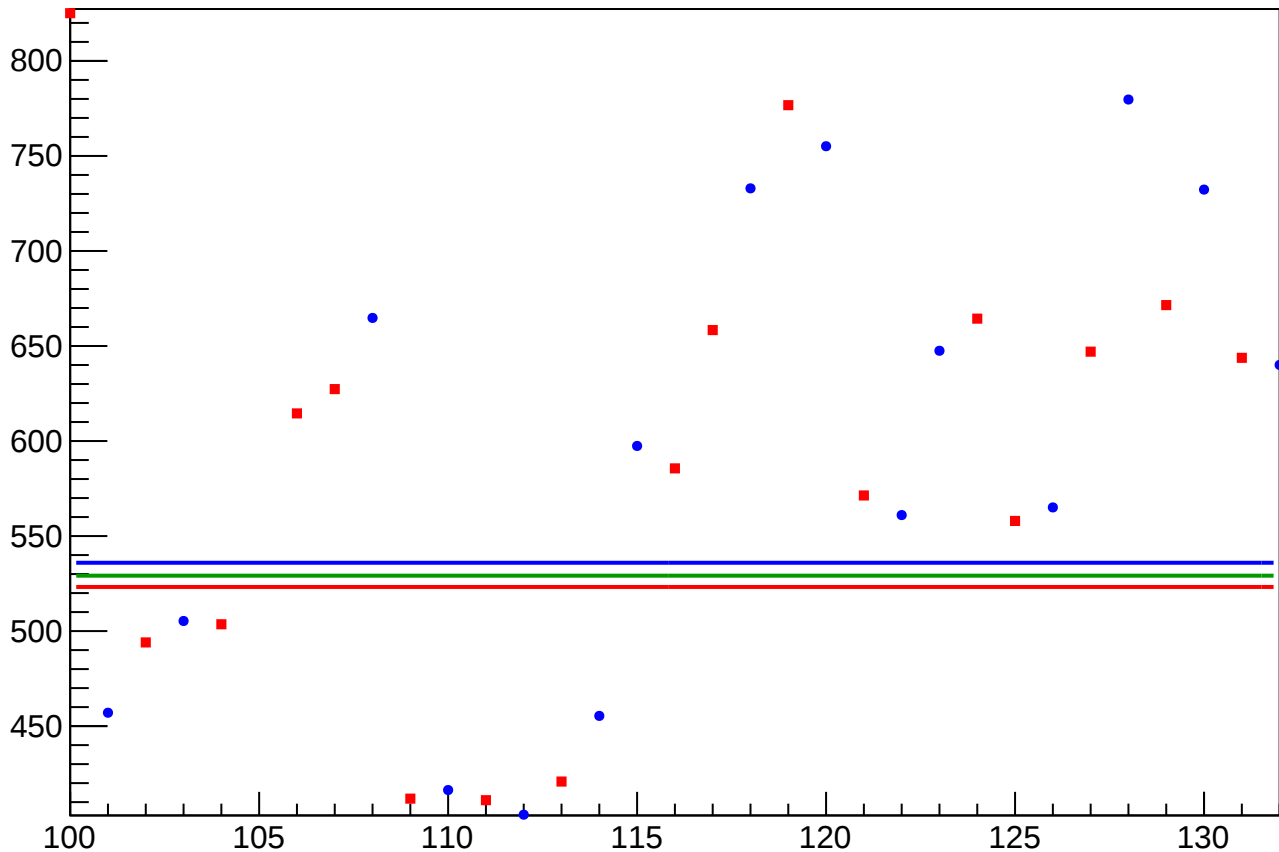
50.589+/-0.011 χ^2/NDF : 954407.0/31

49.761+/-0.015 χ^2/NDF : 458440.3/16

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.951+/-0.165 χ^2/NDF : 543799.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.214+/-0.154 χ^2/NDF : 485444.5/16

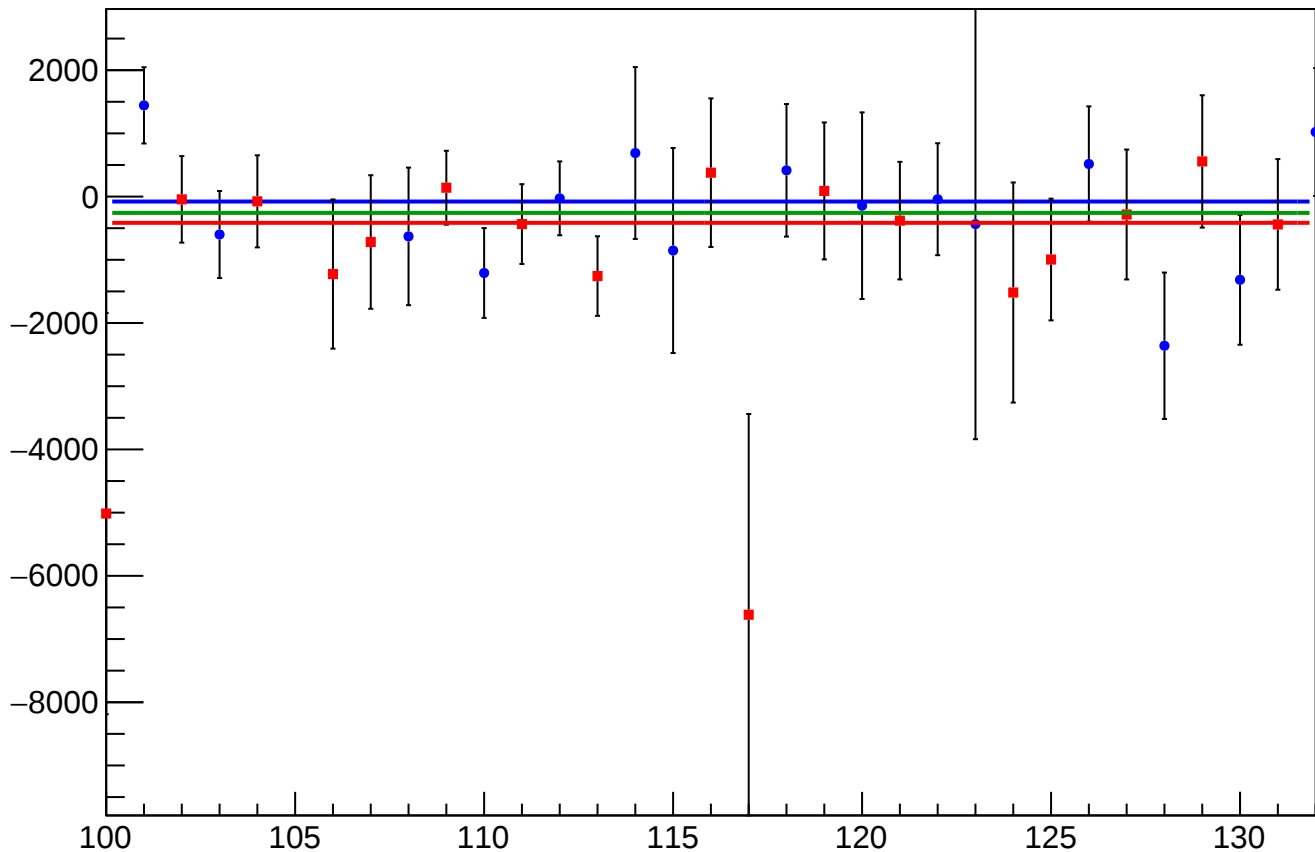
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

535.951+/-0.165 χ^2/NDF : 543799.6/14

529.153+/-0.113 χ^2/NDF : 1032431.9/31

523.214+/-0.154 χ^2/NDF : 485444.5/16

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -78.180 ± 234.819 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -415.025 ± 219.634 χ^2/NDF : 12.0/16

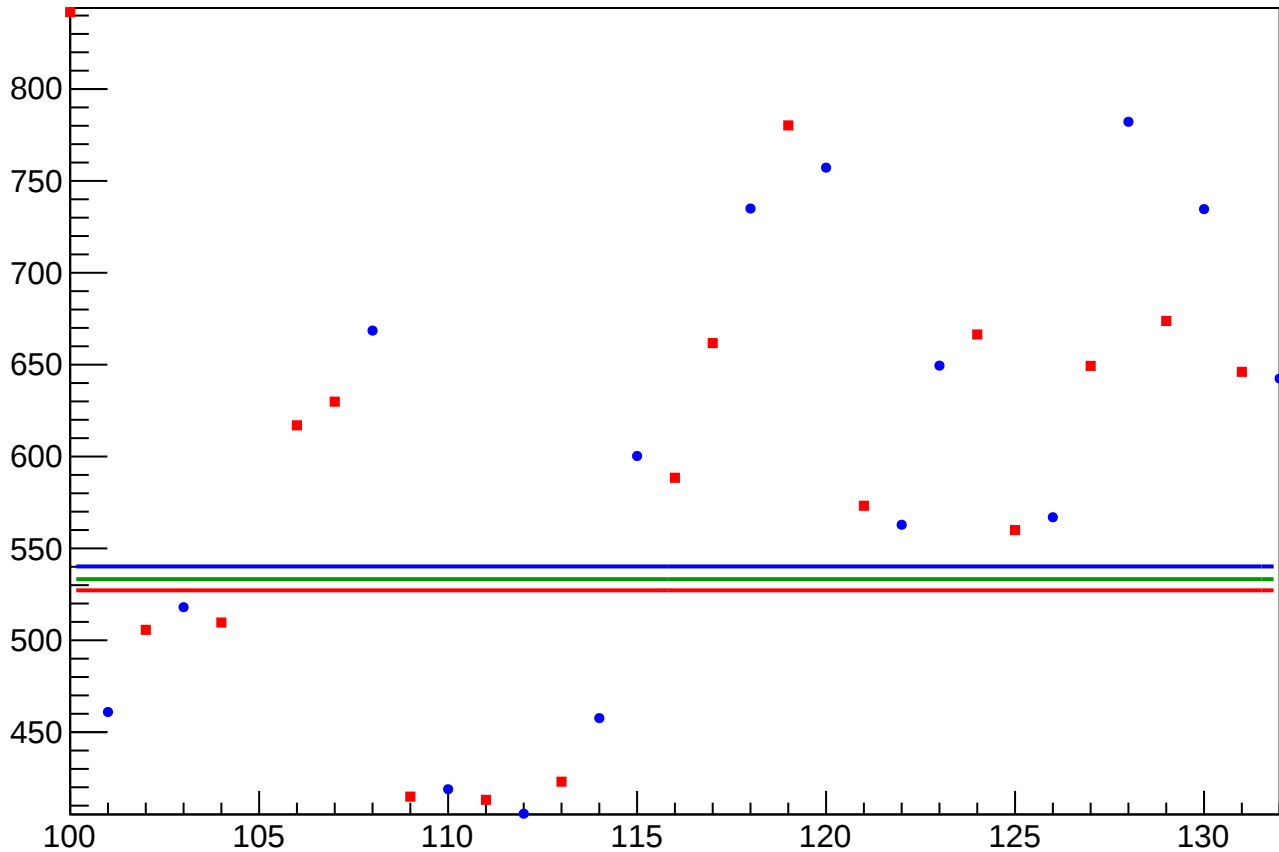
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-78.180 ± 234.819 χ^2/NDF : 17.5/14

-257.845 ± 160.405 χ^2/NDF : 30.5/31

-415.025 ± 219.634 χ^2/NDF : 12.0/16

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 540.190+/-0.166 χ^2/NDF : 535546.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.180+/-0.155 χ^2/NDF : 479161.5/16

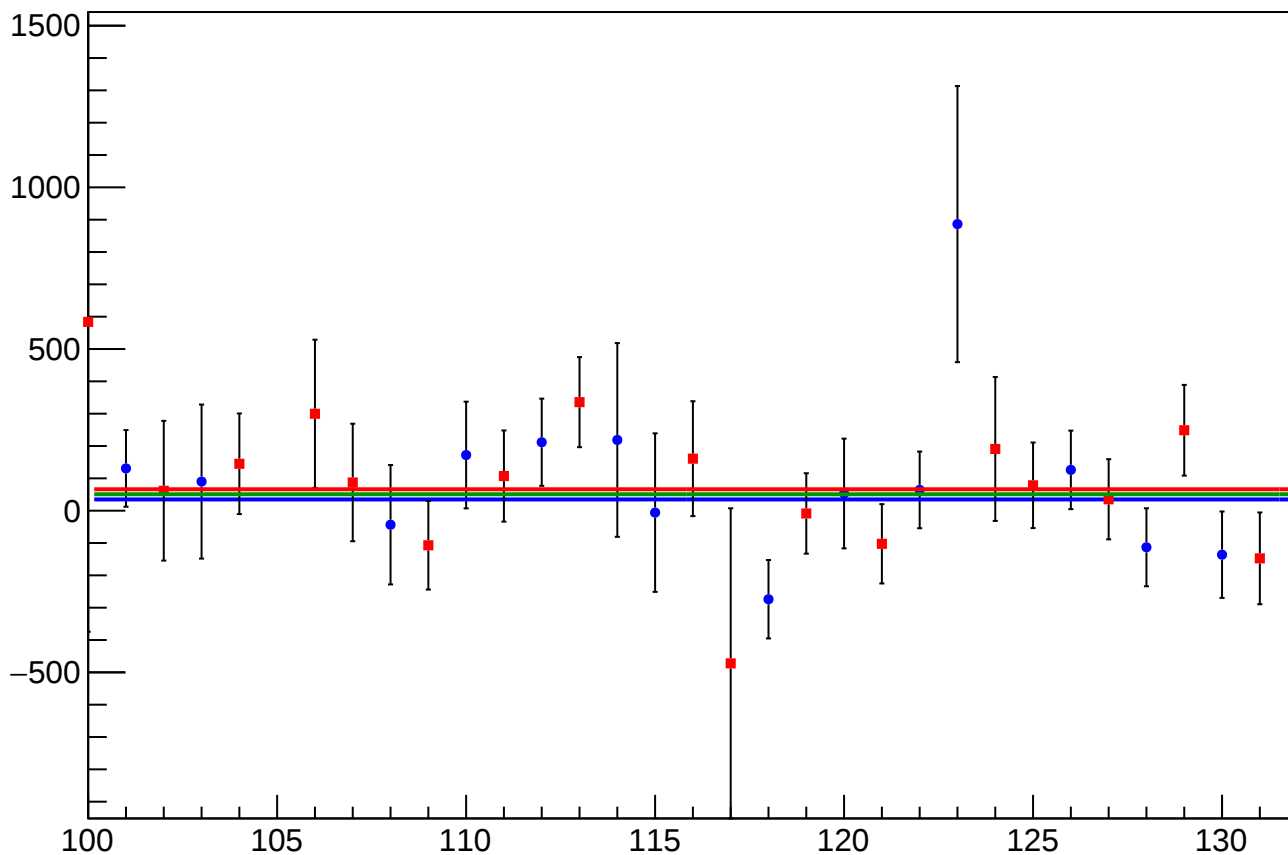
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

540.190+/-0.166 χ^2/NDF : 535546.1/14

533.251+/-0.113 χ^2/NDF : 1017982.5/31

527.180+/-0.155 χ^2/NDF : 479161.5/16

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 34.810+/-38.980 χ^2/NDF : 18.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.255+/-38.399 χ^2/NDF : 15.2/16

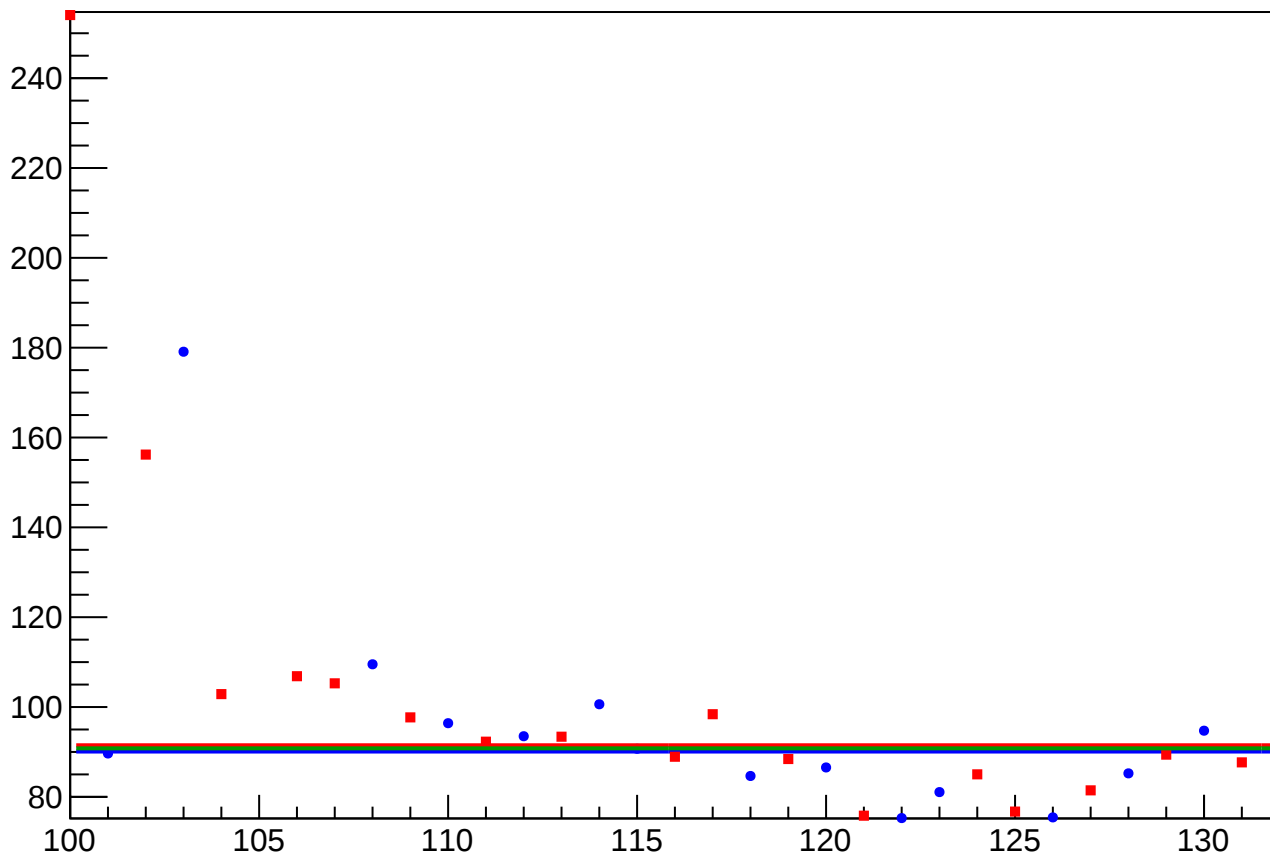
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.810+/-38.980 χ^2/NDF : 18.5/14

50.769+/-27.355 χ^2/NDF : 34.0/31

66.255+/-38.399 χ^2/NDF : 15.2/16

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 90.092 $\pm$ 0.028 χ^2 /NDF: 379890.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.488 $\pm$ 0.027 χ^2 /NDF: 348949.9/16

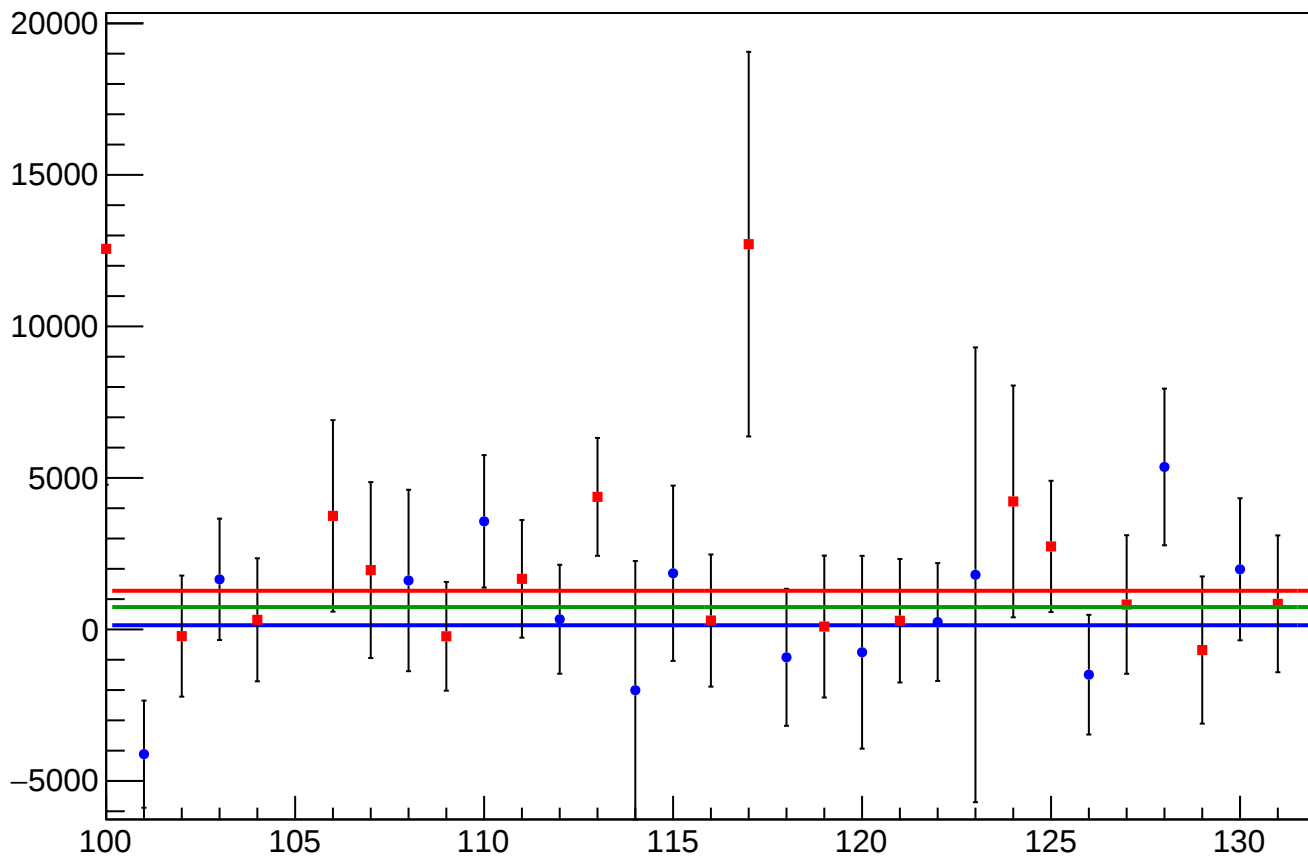
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

90.092 $\pm$ 0.028 χ^2 /NDF: 379890.9/14

90.800 $\pm$ 0.019 χ^2 /NDF: 730142.4/31

91.488 $\pm$ 0.027 χ^2 /NDF: 348949.9/16

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 138.156+/-604.131 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.825+/-571.138 χ^2/NDF : 12.5/16

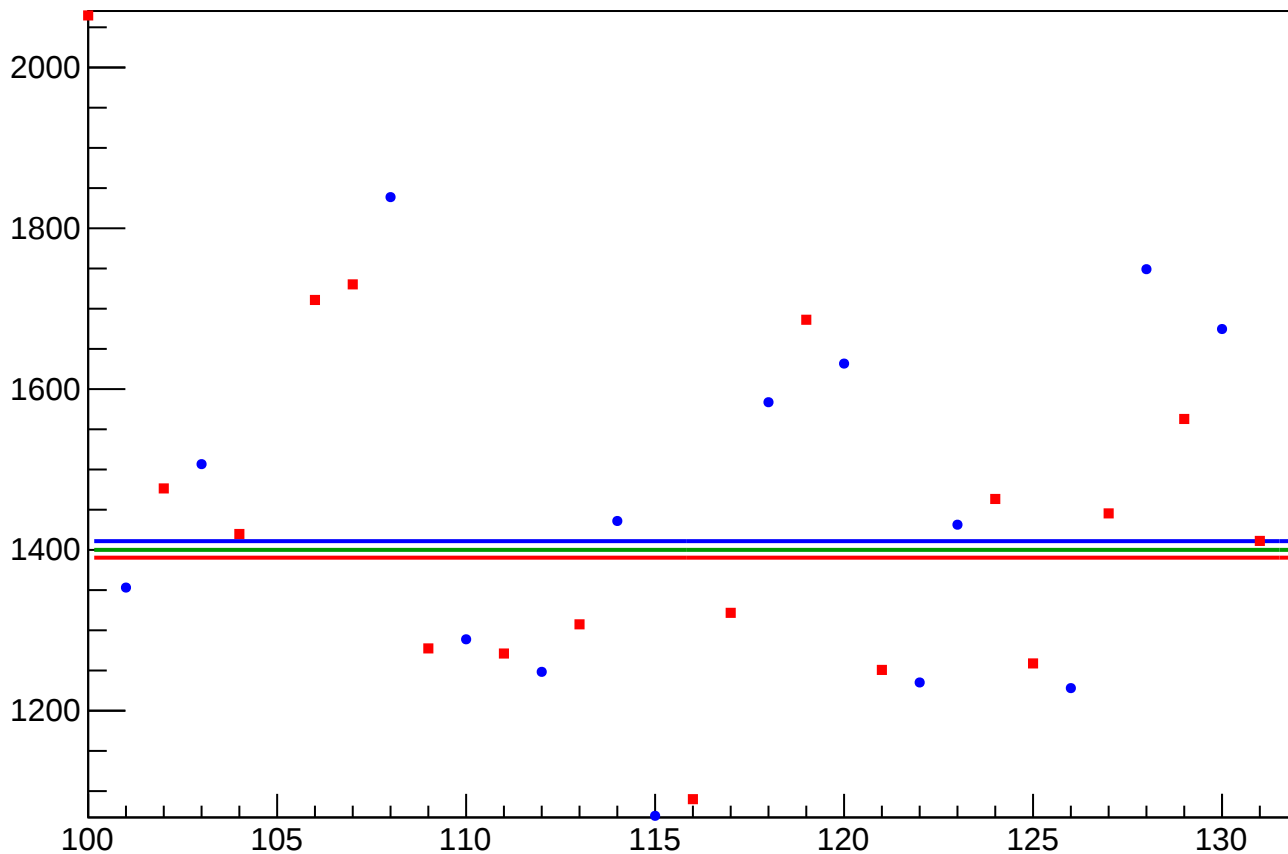
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.156+/-604.131 χ^2/NDF : 16.7/14

738.902+/-415.029 χ^2/NDF : 31.1/31

1275.825+/-571.138 χ^2/NDF : 12.5/16

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1410.897 $\pm$ 0.427 χ^2 /NDF: 212486.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1390.352 $\pm$ 0.404 χ^2 /NDF: 185288.8/16

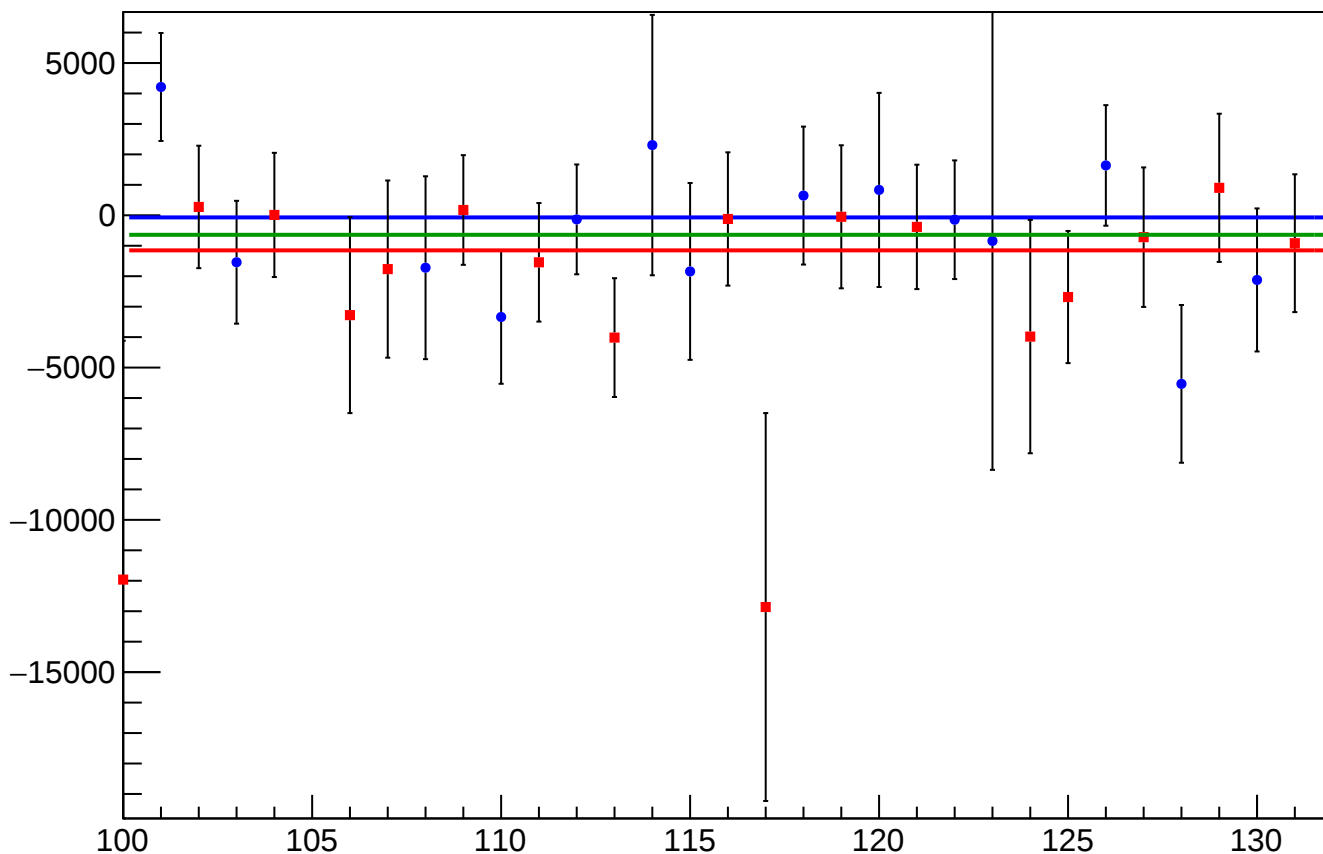
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1410.897 $\pm$ 0.427 χ^2 /NDF: 212486.5/14

1400.048 $\pm$ 0.293 χ^2 /NDF: 398996.6/31

1390.352 $\pm$ 0.404 χ^2 /NDF: 185288.8/16

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -69.403 ± 605.779 χ^2/NDF : 17.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1151.705 ± 573.132 χ^2/NDF : 11.7/16

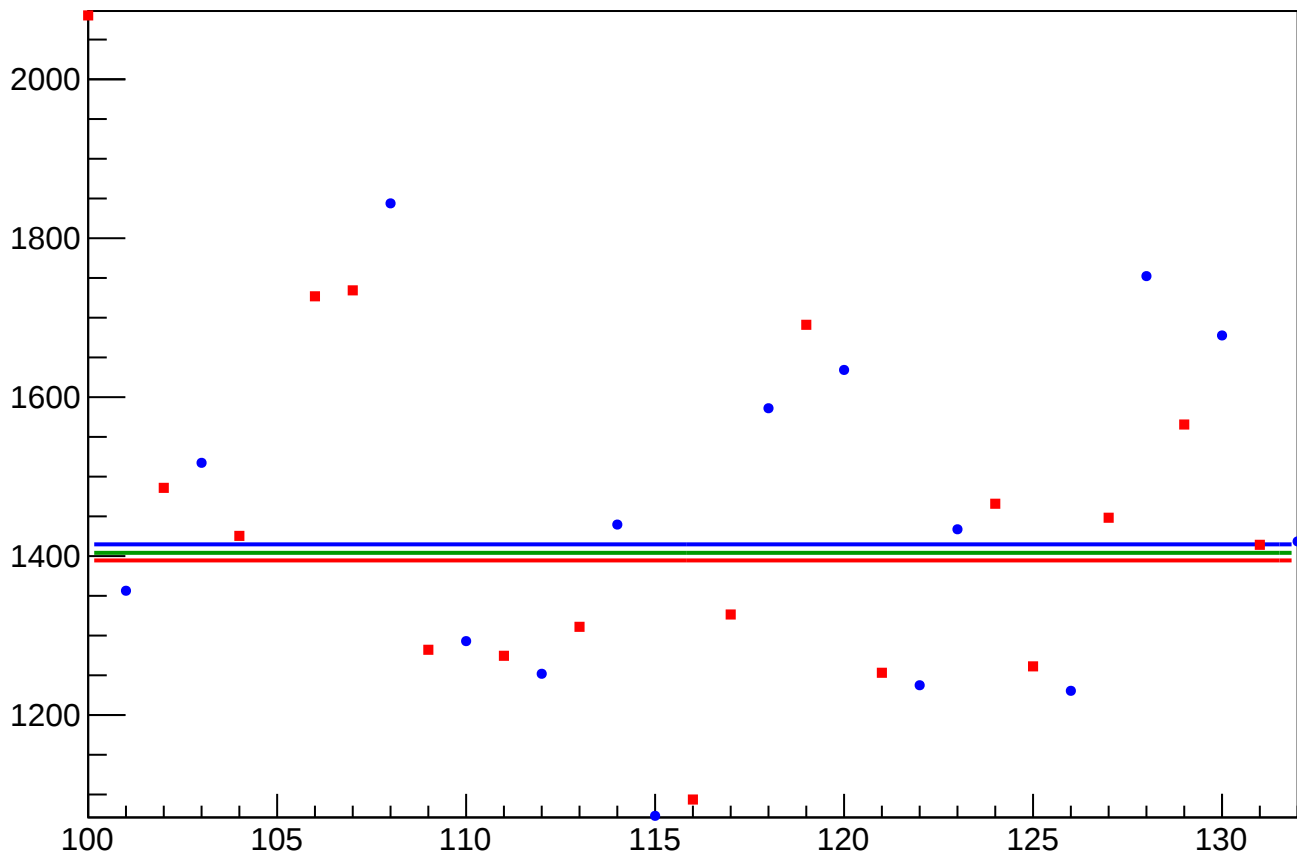
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-69.403 ± 605.779 χ^2/NDF : 17.1/14

-640.503 ± 416.329 χ^2/NDF : 30.5/31

-1151.705 ± 573.132 χ^2/NDF : 11.7/16

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1414.780+/-0.428 χ^2/NDF : 212341.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1394.553+/-0.405 χ^2/NDF : 186487.5/16

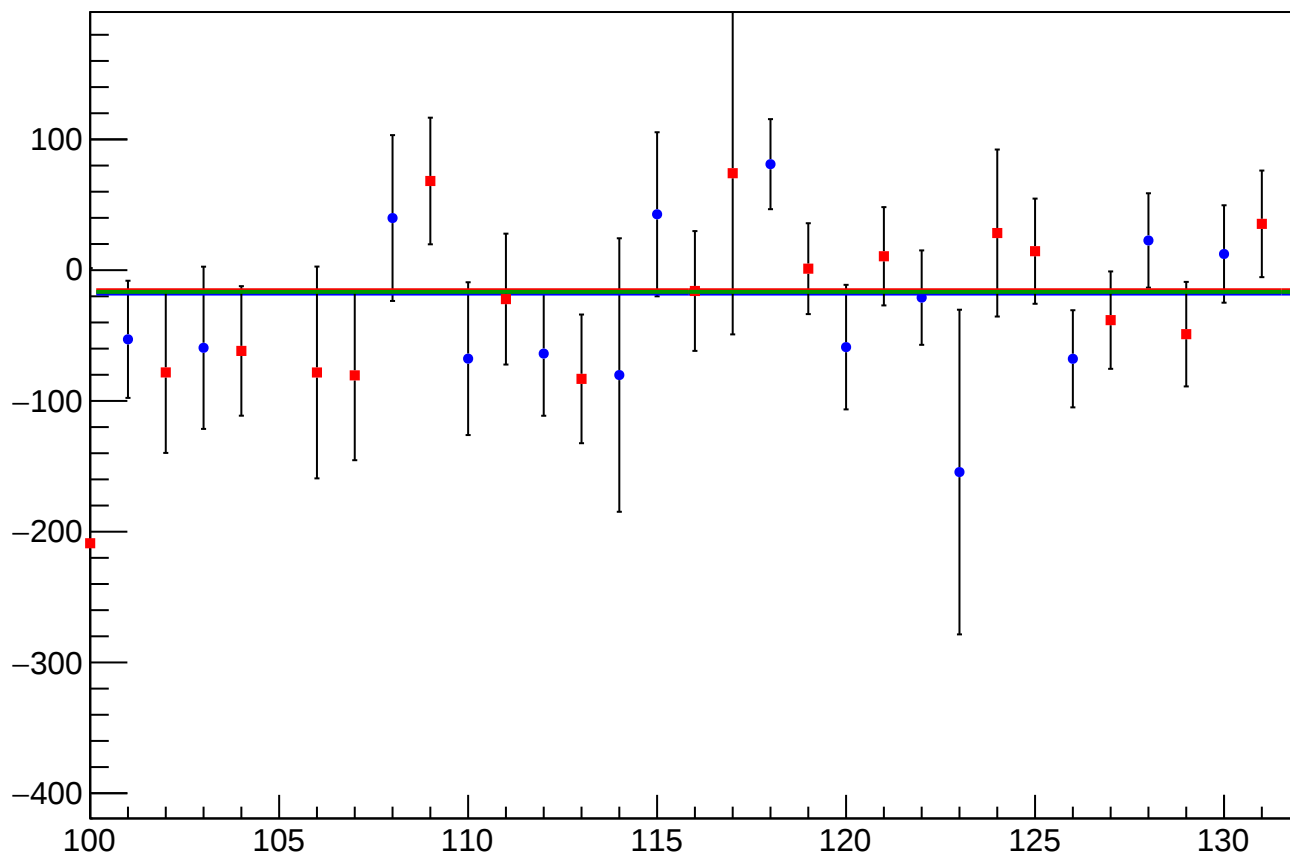
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1414.780+/-0.428 χ^2/NDF : 212341.6/14

1404.107+/-0.294 χ^2/NDF : 400005.6/31

1394.553+/-0.405 χ^2/NDF : 186487.5/16

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -17.884 ± 11.942 χ^2/NDF : 20.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.358 ± 11.774 χ^2/NDF : 14.2/16

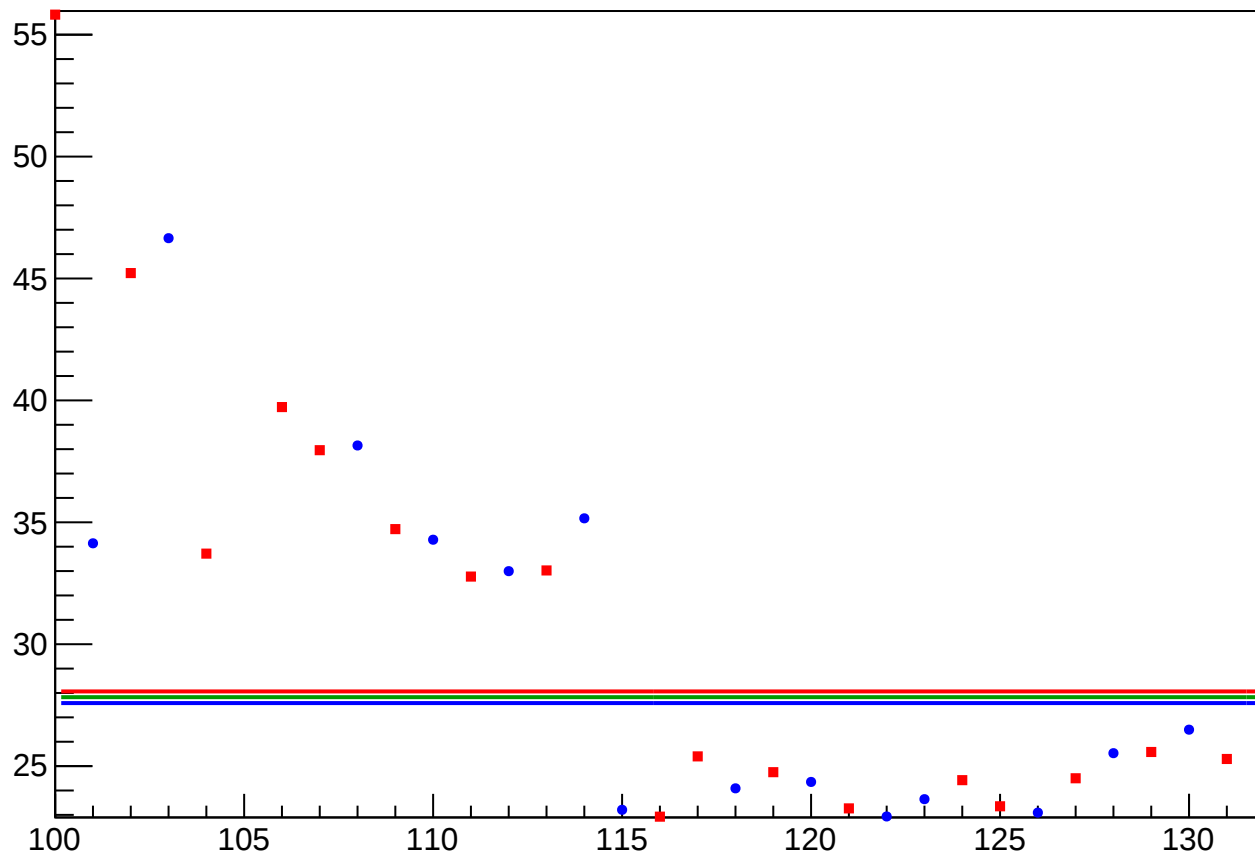
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-17.884 ± 11.942 χ^2/NDF : 20.5/14

-16.603 ± 8.384 χ^2/NDF : 34.7/31

-15.358 ± 11.774 χ^2/NDF : 14.2/16

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.586+/-0.008 χ^2/NDF : 465440.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.063+/-0.008 χ^2/NDF : 526106.3/16

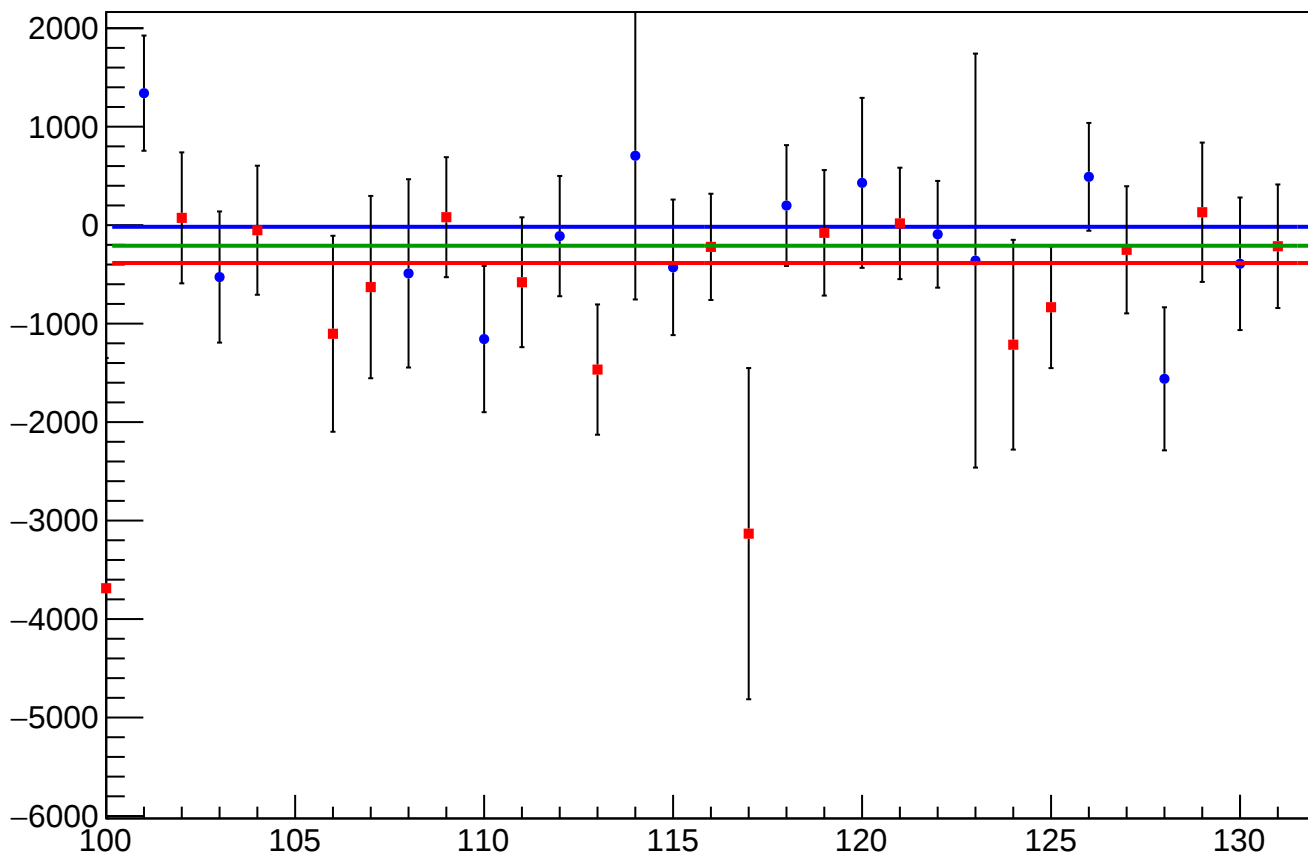
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.586+/-0.008 χ^2/NDF : 465440.1/14

27.828+/-0.006 χ^2/NDF : 993169.4/31

28.063+/-0.008 χ^2/NDF : 526106.3/16

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -16.745 ± 179.670 $\chi^2/\text{NDF}: 16.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -384.251 ± 171.399 $\chi^2/\text{NDF}: 11.9/16$

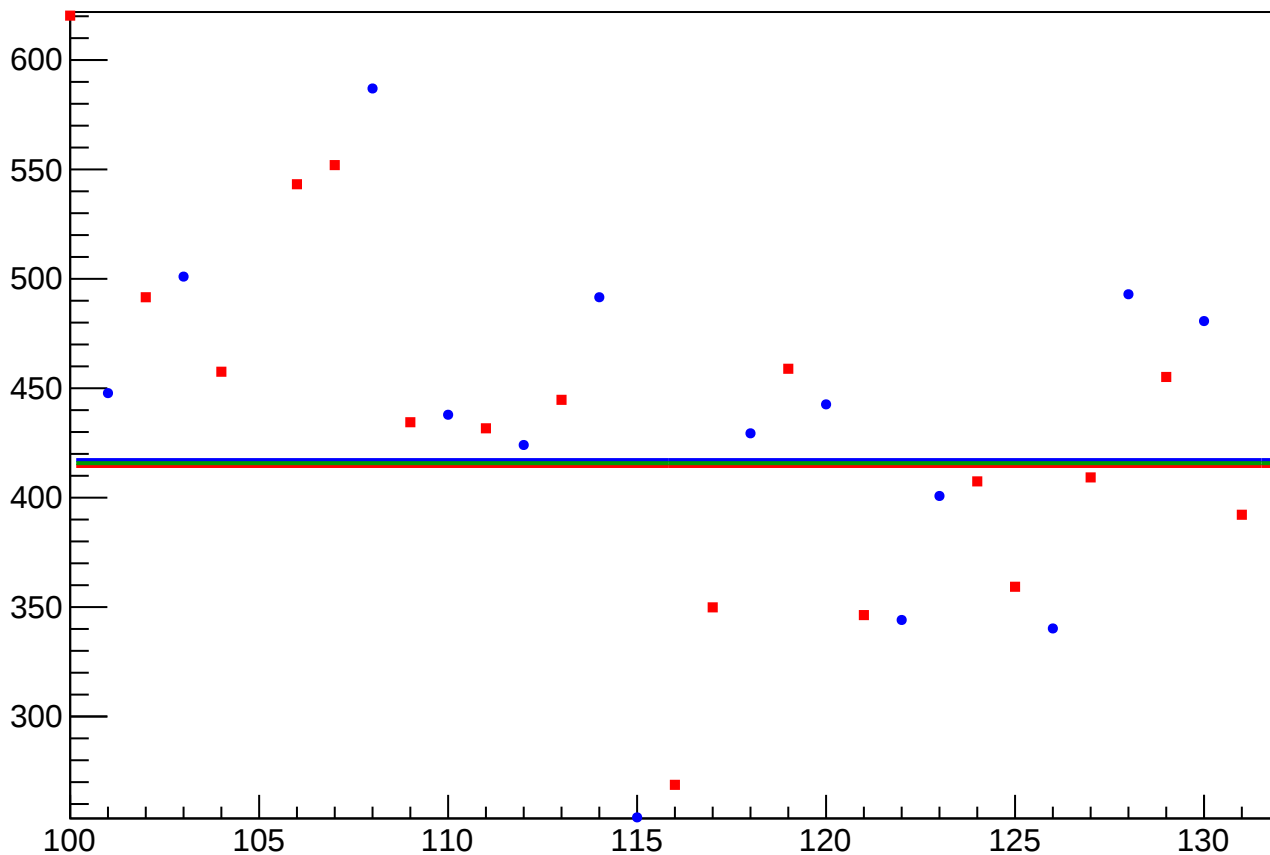
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-16.745 ± 179.670 $\chi^2/\text{NDF}: 16.6/14$

-209.151 ± 124.018 $\chi^2/\text{NDF}: 30.7/31$

-384.251 ± 171.399 $\chi^2/\text{NDF}: 11.9/16$

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 417.175+/-0.127 χ^2/NDF : 340043.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.482+/-0.121 χ^2/NDF : 349183.1/16

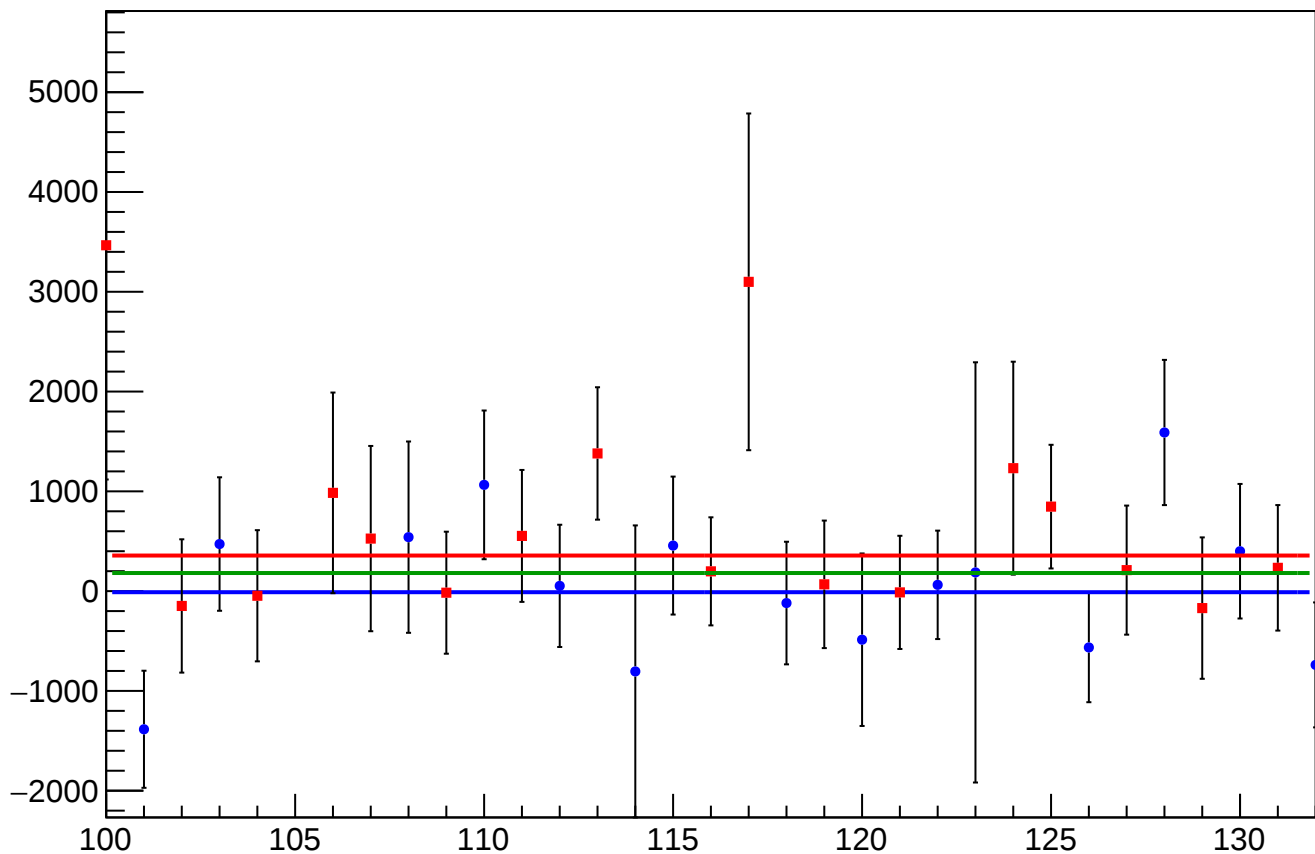
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

417.175+/-0.127 χ^2/NDF : 340043.7/14

415.765+/-0.088 χ^2/NDF : 689462.0/31

414.482+/-0.121 χ^2/NDF : 349183.1/16

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -10.763+/-180.140 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.654+/-171.919 χ^2/NDF : 11.3/16

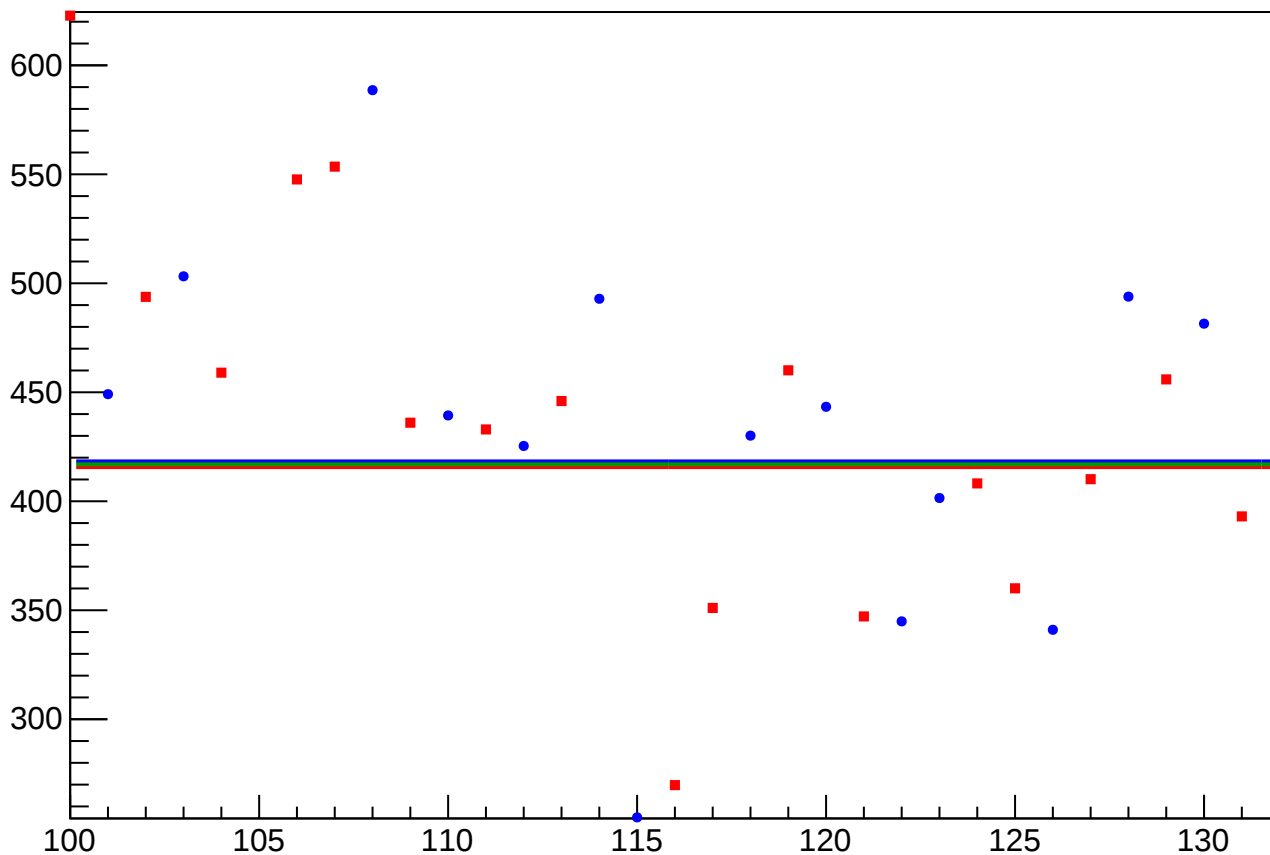
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.763+/-180.140 χ^2/NDF : 17.1/14

181.521+/-124.370 χ^2/NDF : 30.6/31

356.654+/-171.919 χ^2/NDF : 11.3/16

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 418.285+/-0.127 χ^2/NDF : 339594.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.682+/-0.122 χ^2/NDF : 350243.0/16

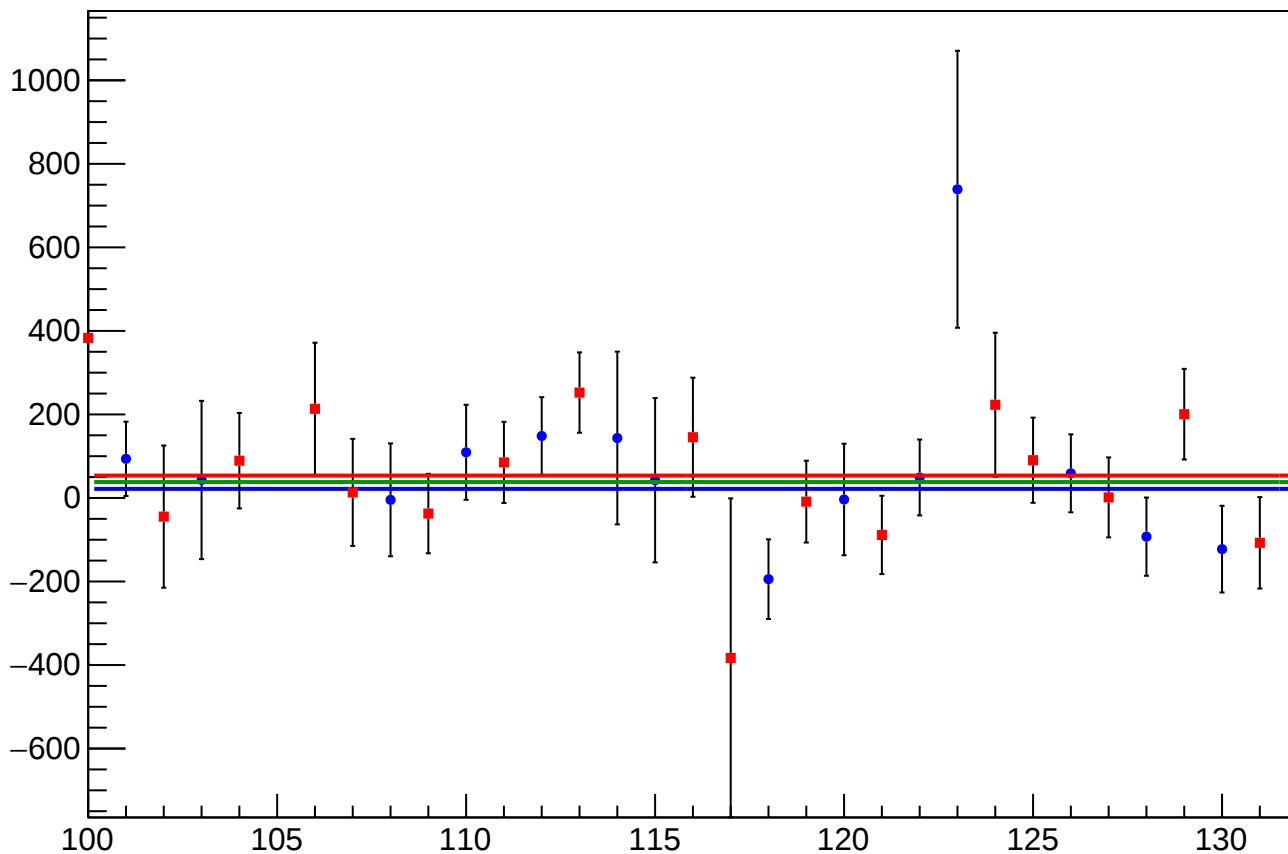
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

418.285+/-0.127 χ^2/NDF : 339594.1/14

416.922+/-0.088 χ^2/NDF : 690055.7/31

415.682+/-0.122 χ^2/NDF : 350243.0/16

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 21.767+/-29.475 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.616+/-28.640 χ^2/NDF : 16.8/16

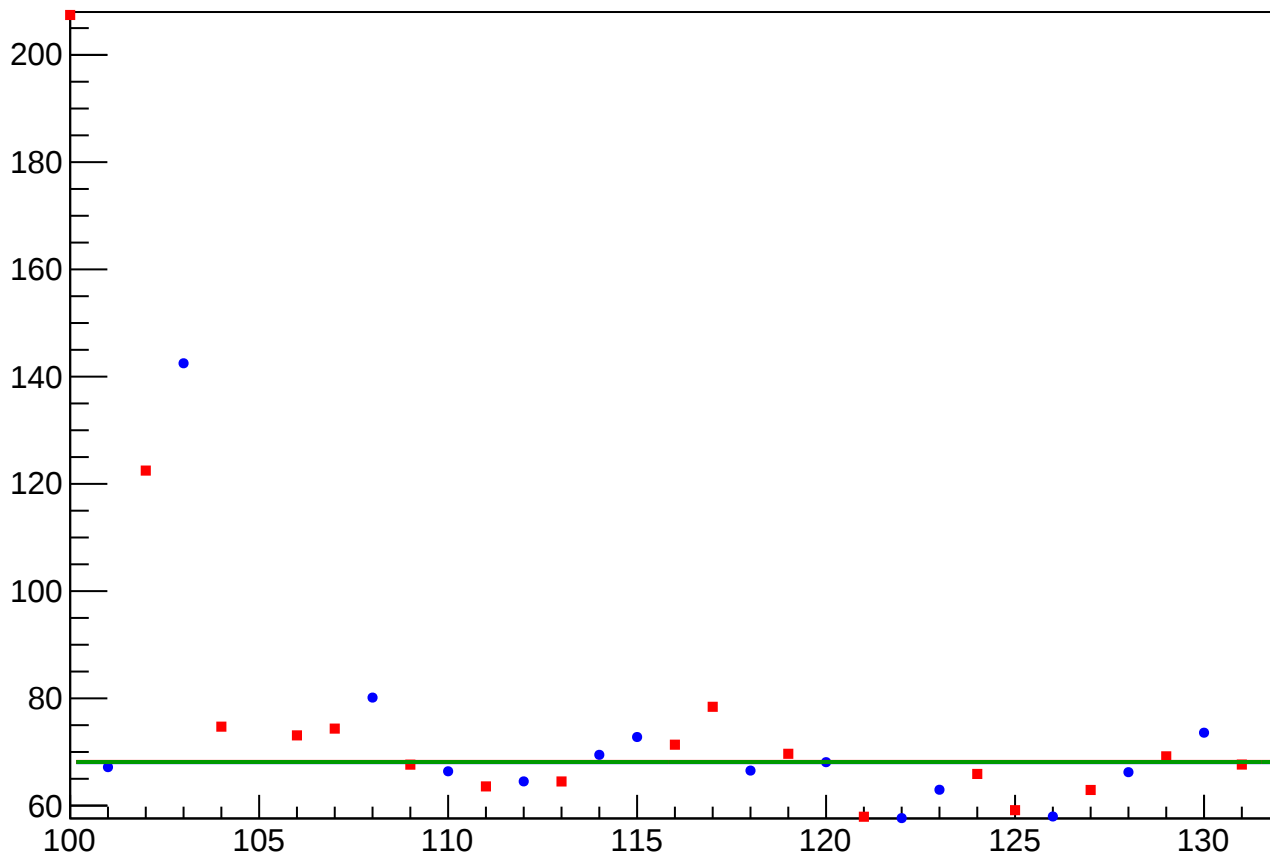
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.767+/-29.475 χ^2/NDF : 17.3/14

38.149+/-20.540 χ^2/NDF : 34.7/31

53.616+/-28.640 χ^2/NDF : 16.8/16

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 68.104 $\pm$ 0.021 χ^2 /NDF: 386757.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.152 $\pm$ 0.020 χ^2 /NDF: 336451.5/16

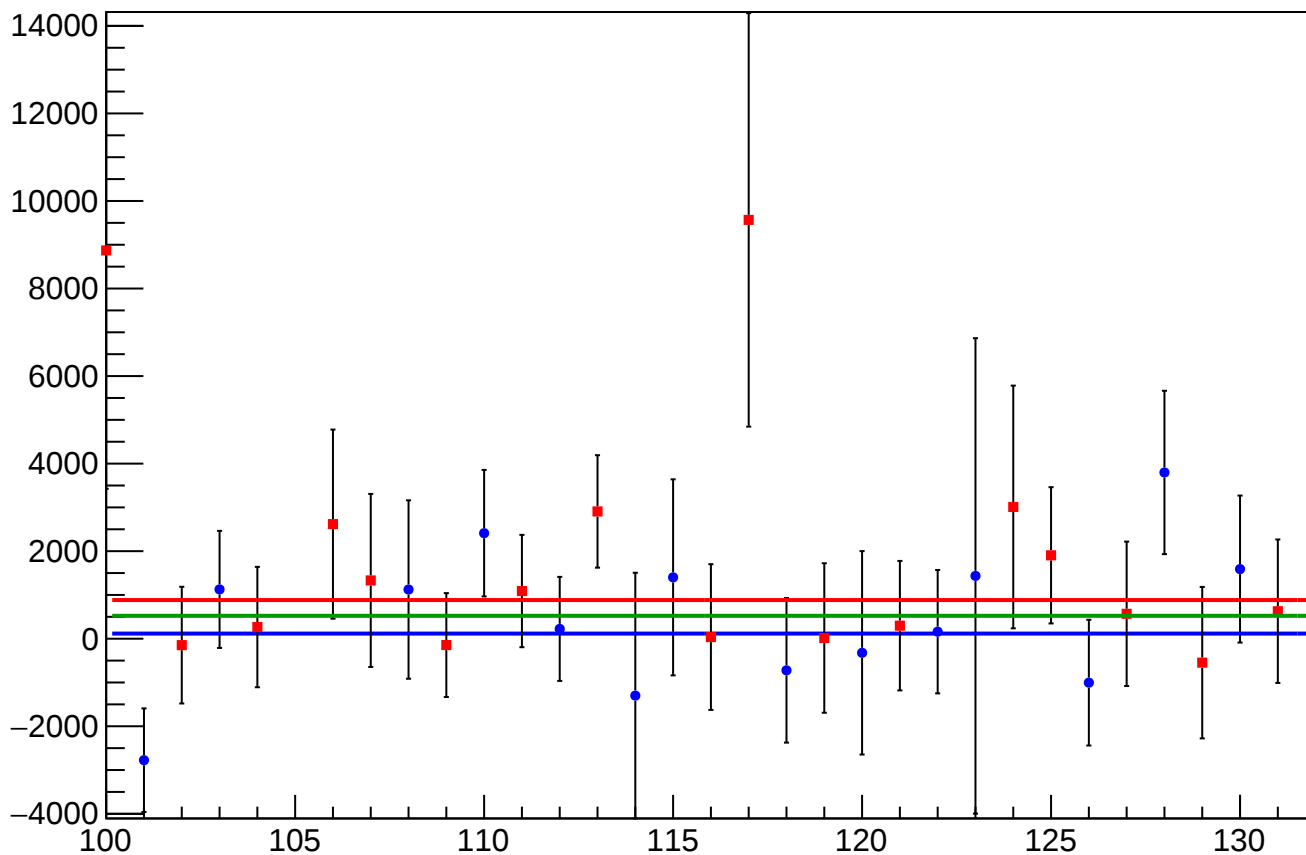
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

68.104 $\pm$ 0.021 χ^2 /NDF: 386757.2/14

68.129 $\pm$ 0.015 χ^2 /NDF: 723211.4/31

68.152 $\pm$ 0.020 χ^2 /NDF: 336451.5/16

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 117.462+/-421.493 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.404+/-397.084 χ^2/NDF : 12.7/16

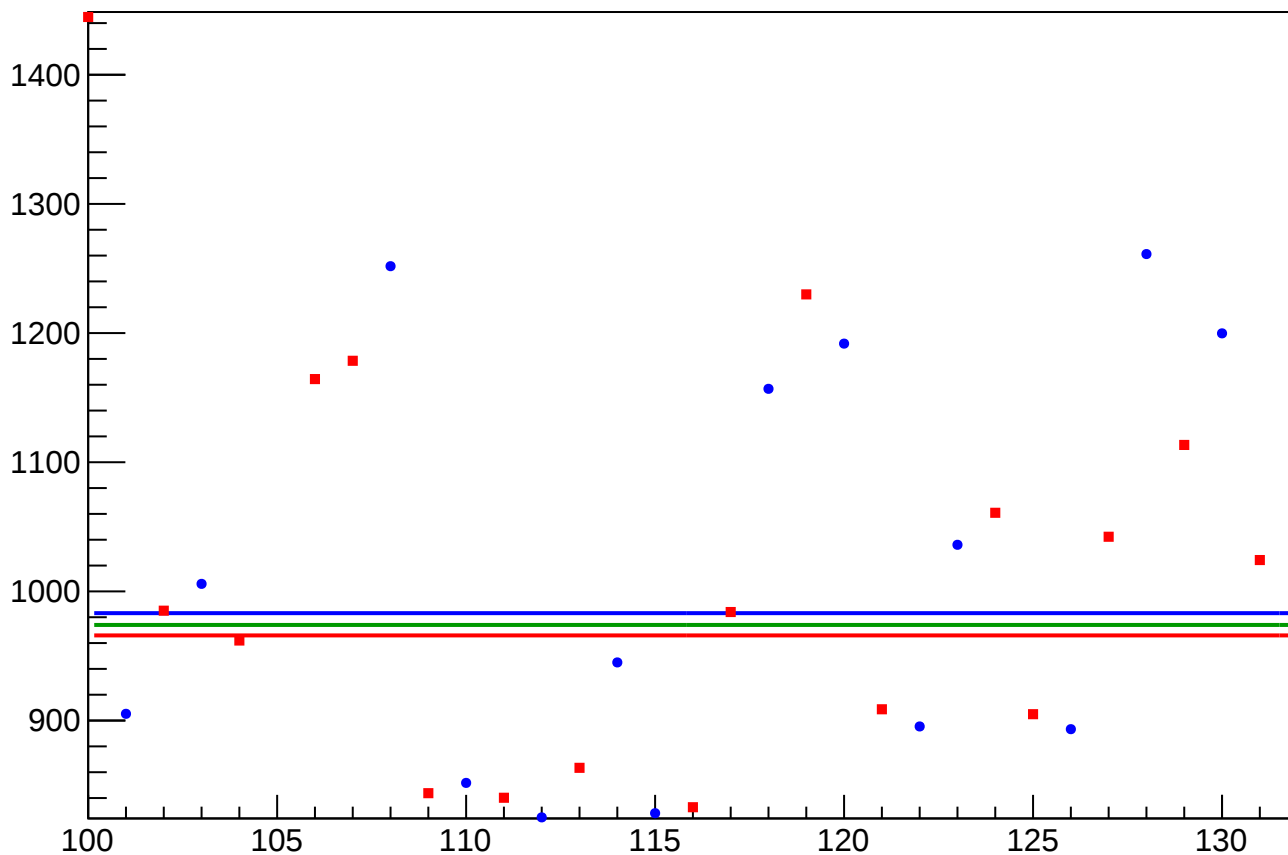
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.462+/-421.493 χ^2/NDF : 16.8/14

523.252+/-289.025 χ^2/NDF : 31.3/31

883.404+/-397.084 χ^2/NDF : 12.7/16

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 983.151+/-0.298 χ^2/NDF : 238899.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.917+/-0.281 χ^2/NDF : 199410.6/16

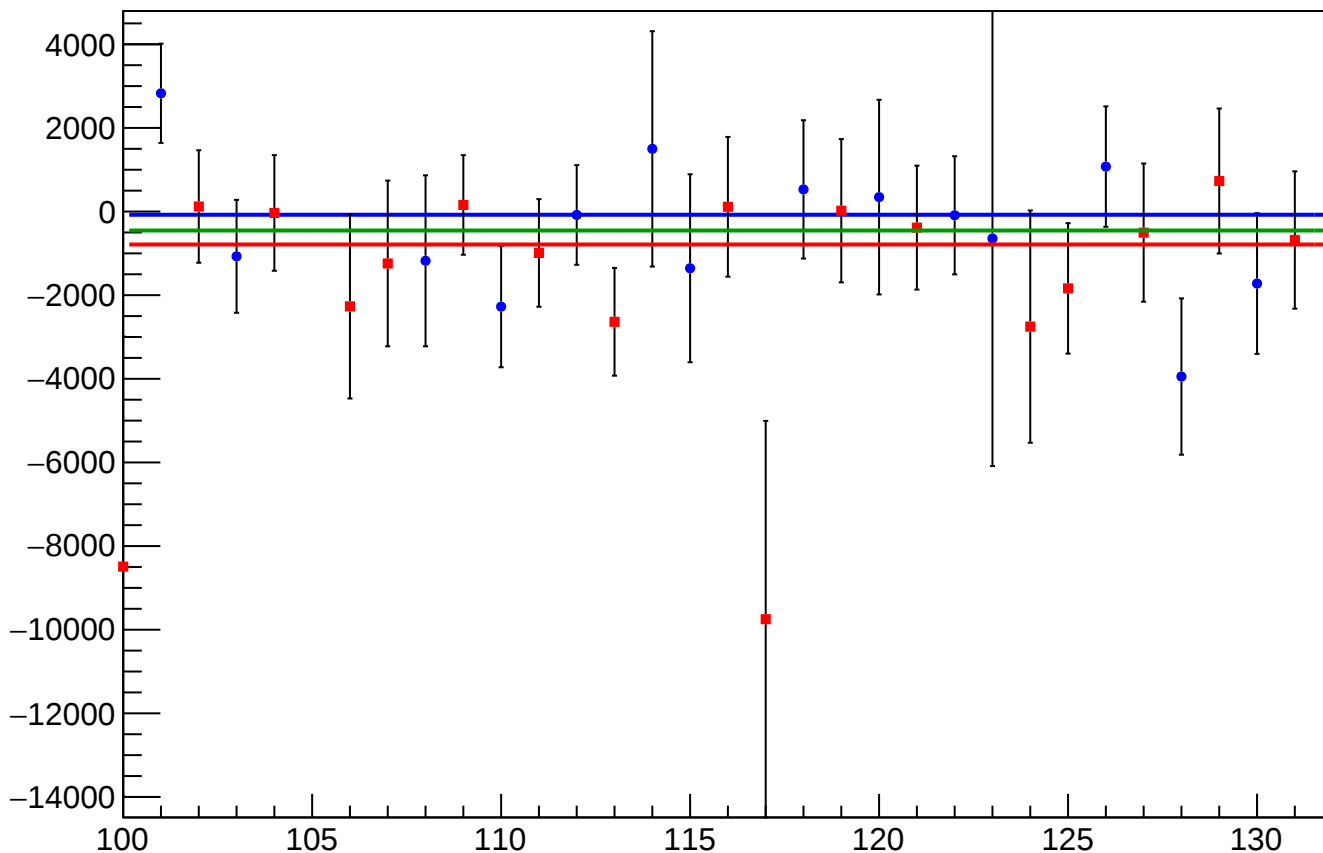
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

983.151+/-0.298 χ^2/NDF : 238899.2/14

974.021+/-0.204 χ^2/NDF : 440081.3/31

965.917+/-0.281 χ^2/NDF : 199410.6/16

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -76.469+/-422.914 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -787.903+/-398.756 χ^2/NDF : 11.8/16

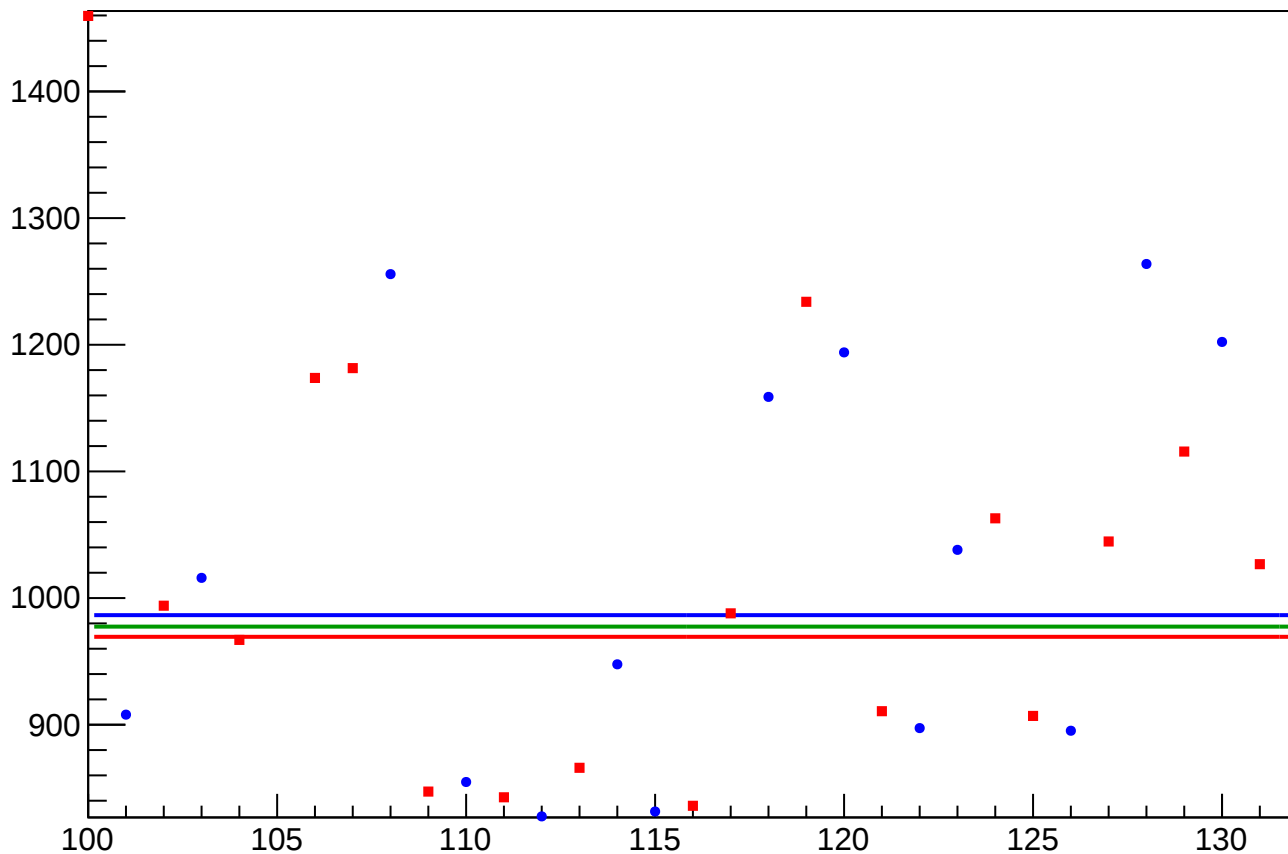
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-76.469+/-422.914 χ^2/NDF : 17.1/14

-453.085+/-290.128 χ^2/NDF : 30.5/31

-787.903+/-398.756 χ^2/NDF : 11.8/16

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 986.513+/-0.299 χ^2/NDF : 238235.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 969.409+/-0.282 χ^2/NDF : 199882.0/16

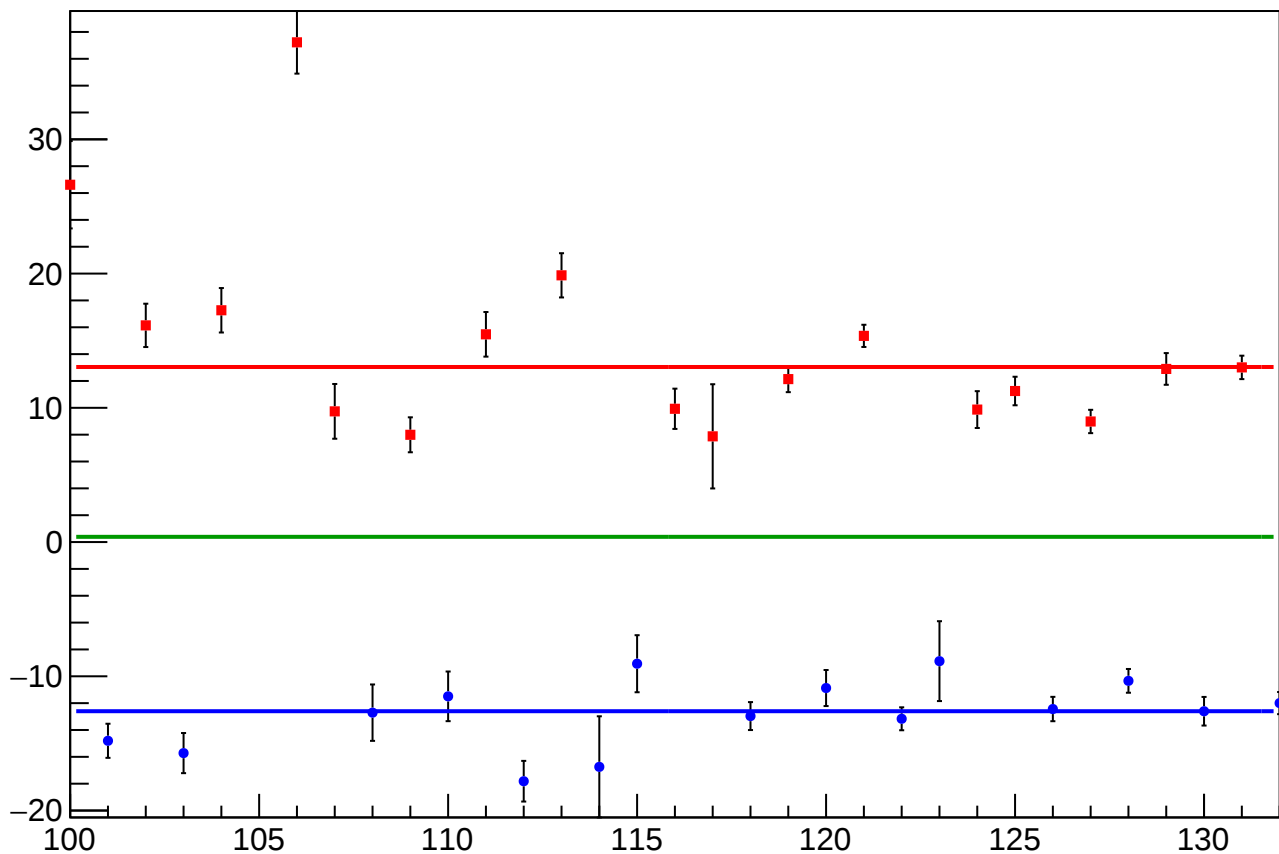
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

986.513+/-0.299 χ^2/NDF : 238235.5/14

977.459+/-0.205 χ^2/NDF : 439849.3/31

969.409+/-0.282 χ^2/NDF : 199882.0/16

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.601 $\pm$ 0.314 χ^2/NDF : 34.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 13.042 $\pm$ 0.310 χ^2/NDF : 217.0/16

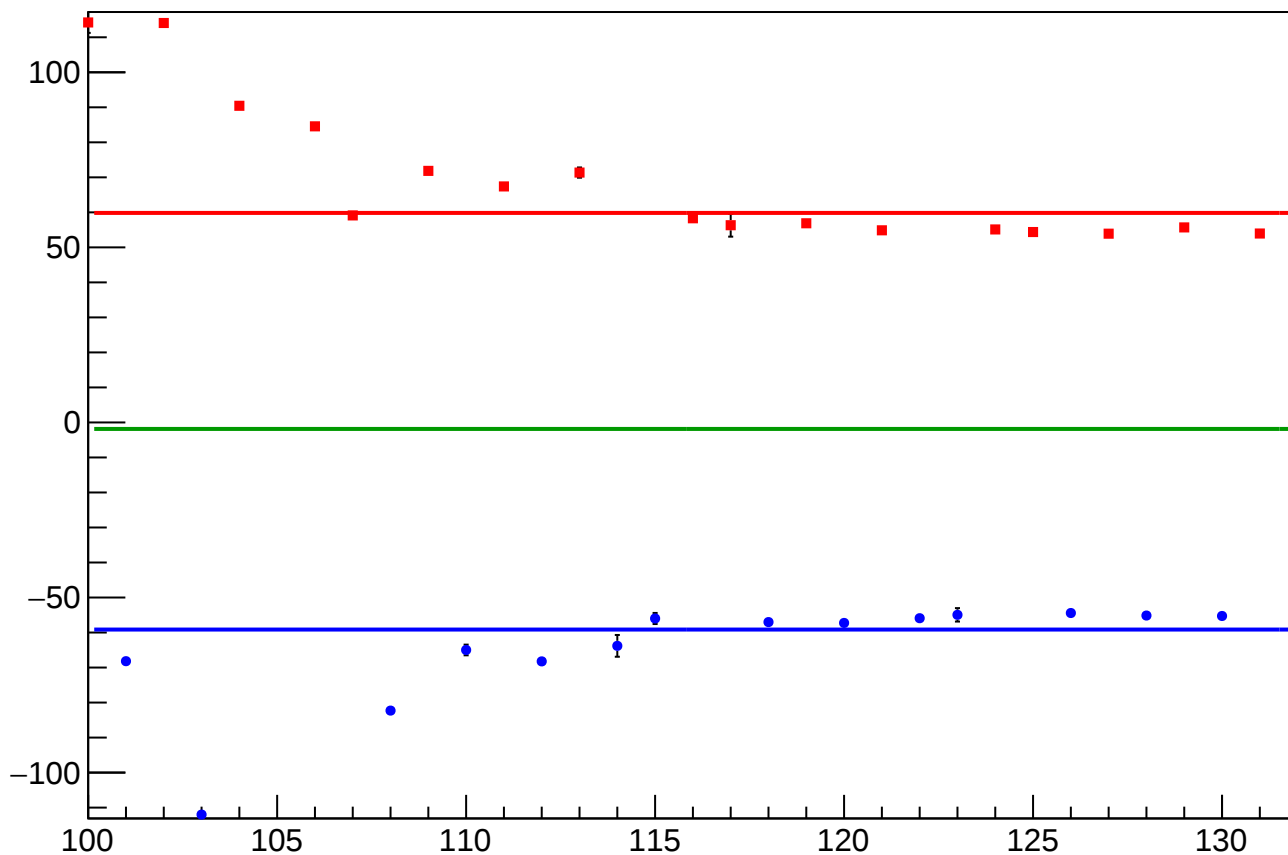
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-12.601 $\pm$ 0.314 χ^2/NDF : 34.4/14

0.390 $\pm$ 0.221 χ^2/NDF : 3621.3/31

13.042 $\pm$ 0.310 χ^2/NDF : 217.0/16

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.149±/0.180 χ^2 /NDF: 3250.0/14

Left Out: 0.000±/0.000 χ^2 /NDF: 0.0/0

Right Out: 59.838±/0.187 χ^2 /NDF: 4390.1/16

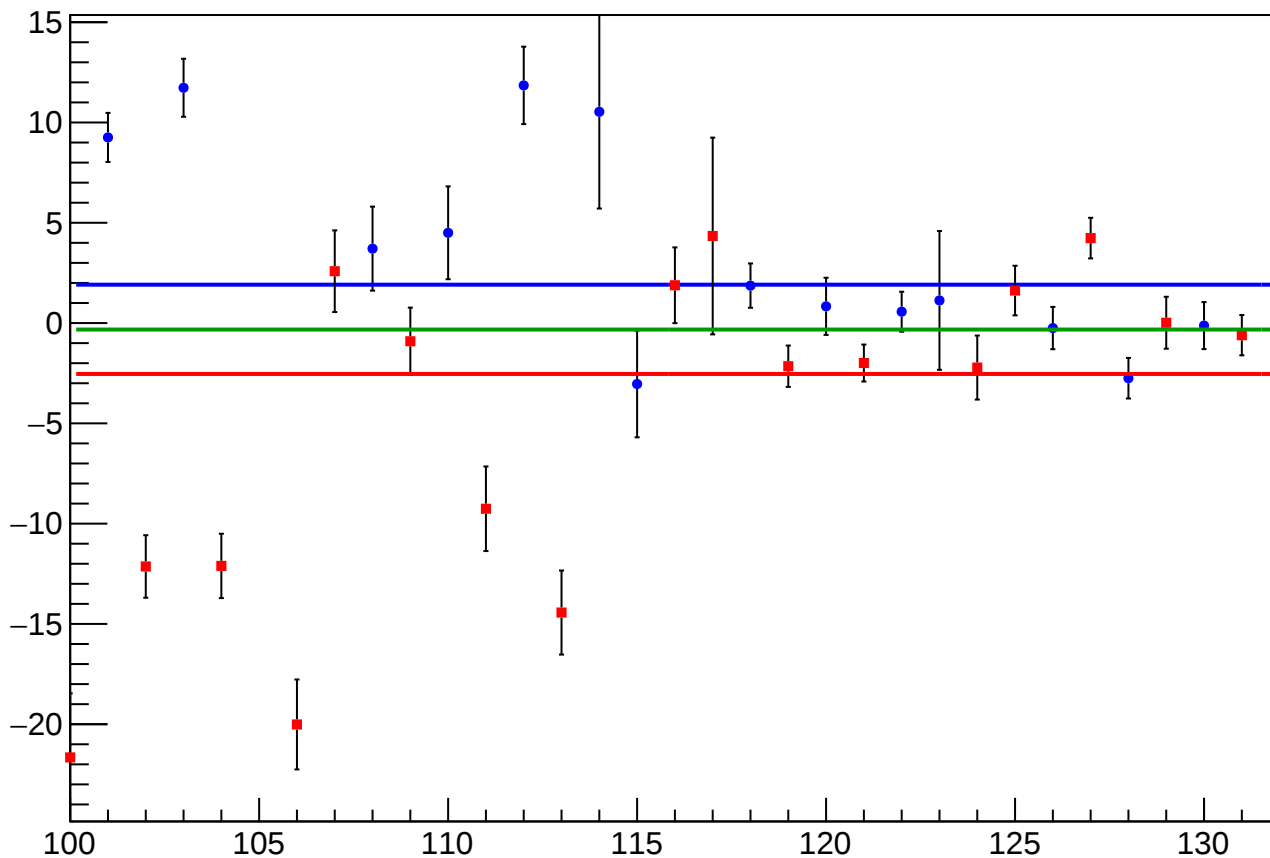
Left In: 0.000±/0.000 χ^2 /NDF: 0.0/0

-59.149±/0.180 χ^2 /NDF: 3250.0/14

-1.853±/0.130 χ^2 /NDF: 217889.7/31

59.838±/0.187 χ^2 /NDF: 4390.1/16

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 $\pm$ 0.351 χ^2 /NDF: 155.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.537 $\pm$ 0.349 χ^2 /NDF: 291.4/16

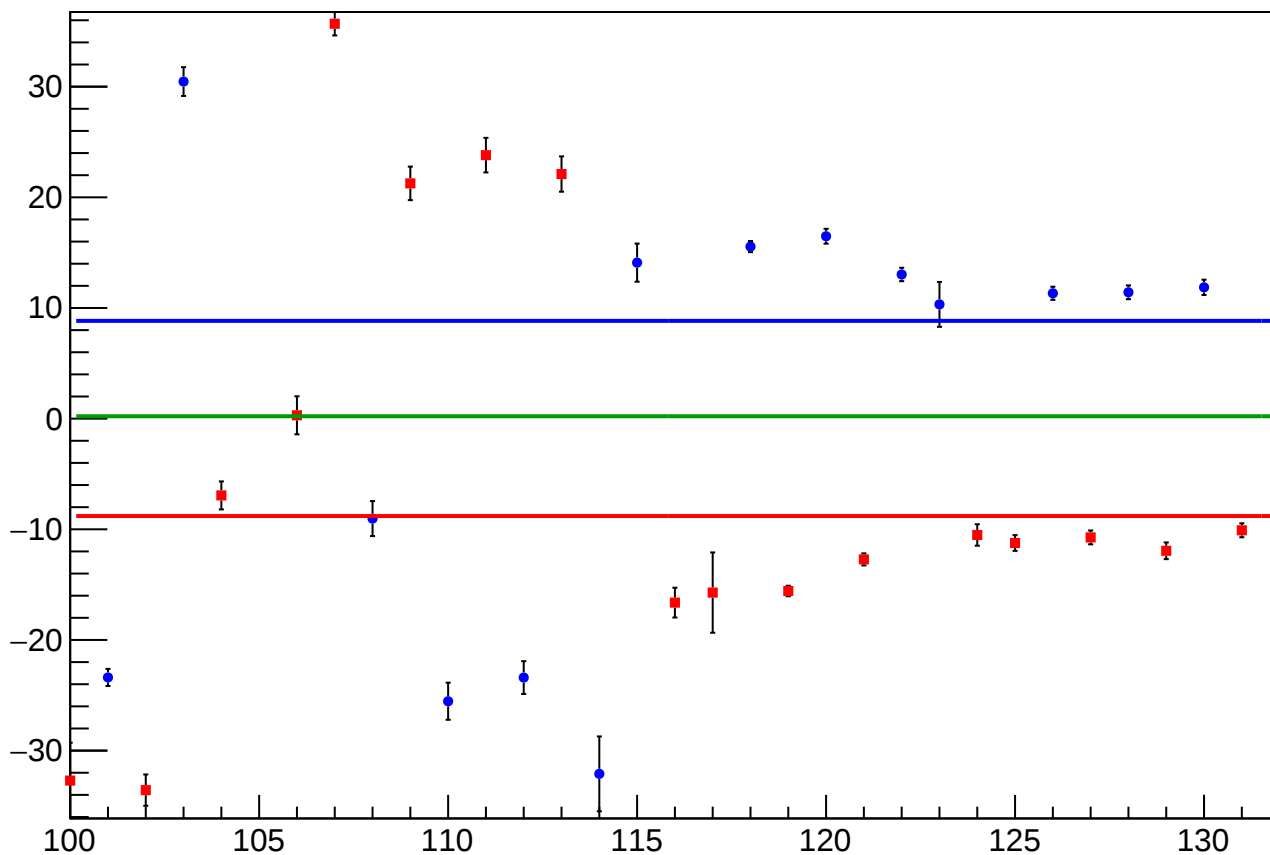
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.914 $\pm$ 0.351 χ^2 /NDF: 155.6/14

-0.322 $\pm$ 0.248 χ^2 /NDF: 527.8/31

-2.537 $\pm$ 0.349 χ^2 /NDF: 291.4/16

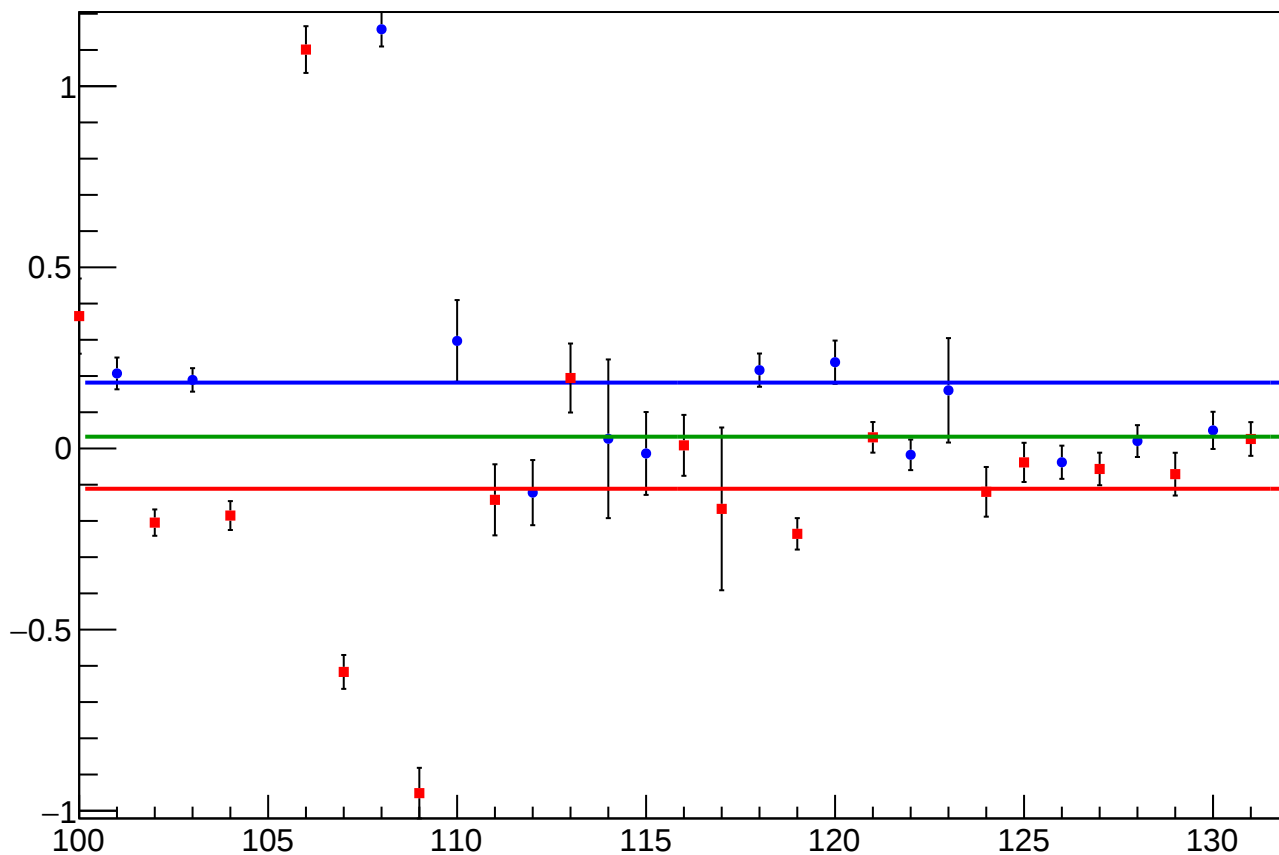
reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.837 ± 0.209 $\chi^2/\text{NDF}: 3590.3/14$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -8.801 ± 0.214 $\chi^2/\text{NDF}: 3691.2/16$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

8.837 ± 0.209 $\chi^2/\text{NDF}: 3590.3/14$
 0.215 ± 0.149 $\chi^2/\text{NDF}: 10766.2/31$
 -8.801 ± 0.214 $\chi^2/\text{NDF}: 3691.2/16$

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.182+/-0.014 χ^2/NDF : 518.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.111+/-0.013 χ^2/NDF : 690.2/16

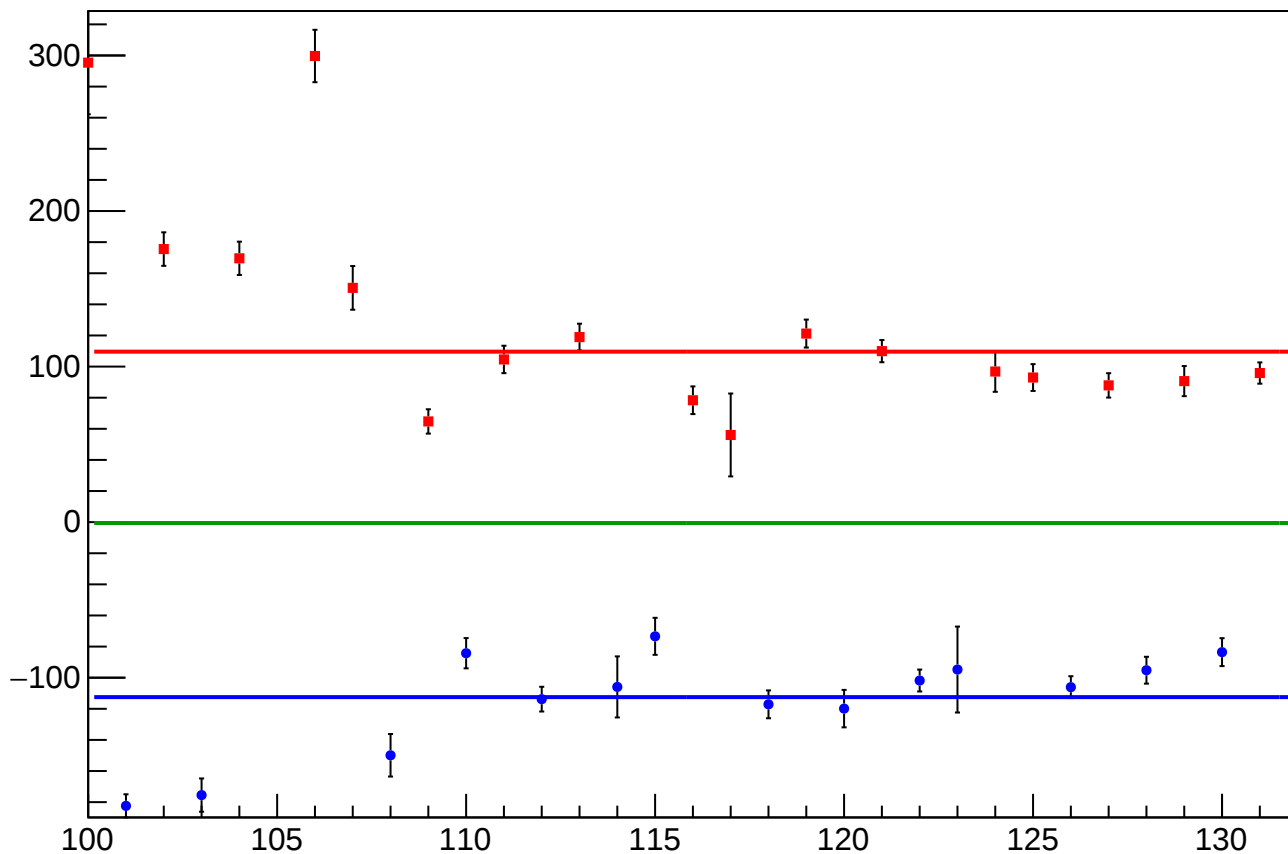
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.182+/-0.014 χ^2/NDF : 518.5/14

0.033+/-0.010 χ^2/NDF : 1446.4/31

-0.111+/-0.013 χ^2/NDF : 690.2/16

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -112.491+/-2.355 χ^2 /NDF: 182.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 109.600+/-2.336 χ^2 /NDF: 308.7/16

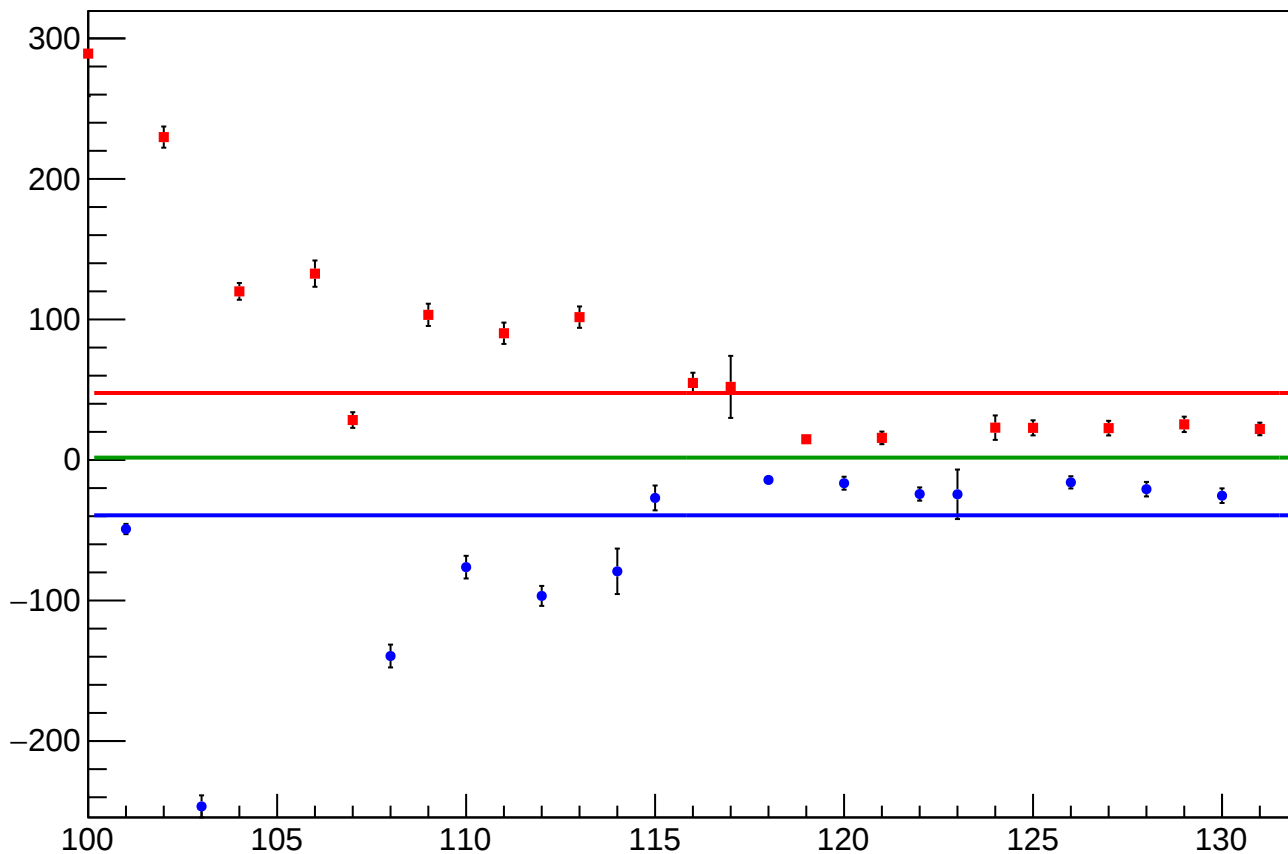
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-112.491+/-2.355 χ^2 /NDF: 182.2/14

-0.566+/-1.658 χ^2 /NDF: 4973.8/31

109.600+/-2.336 χ^2 /NDF: 308.7/16

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.373 ± 1.385 $\chi^2/\text{NDF}: 1101.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 47.679 ± 1.466 $\chi^2/\text{NDF}: 1265.5/16$

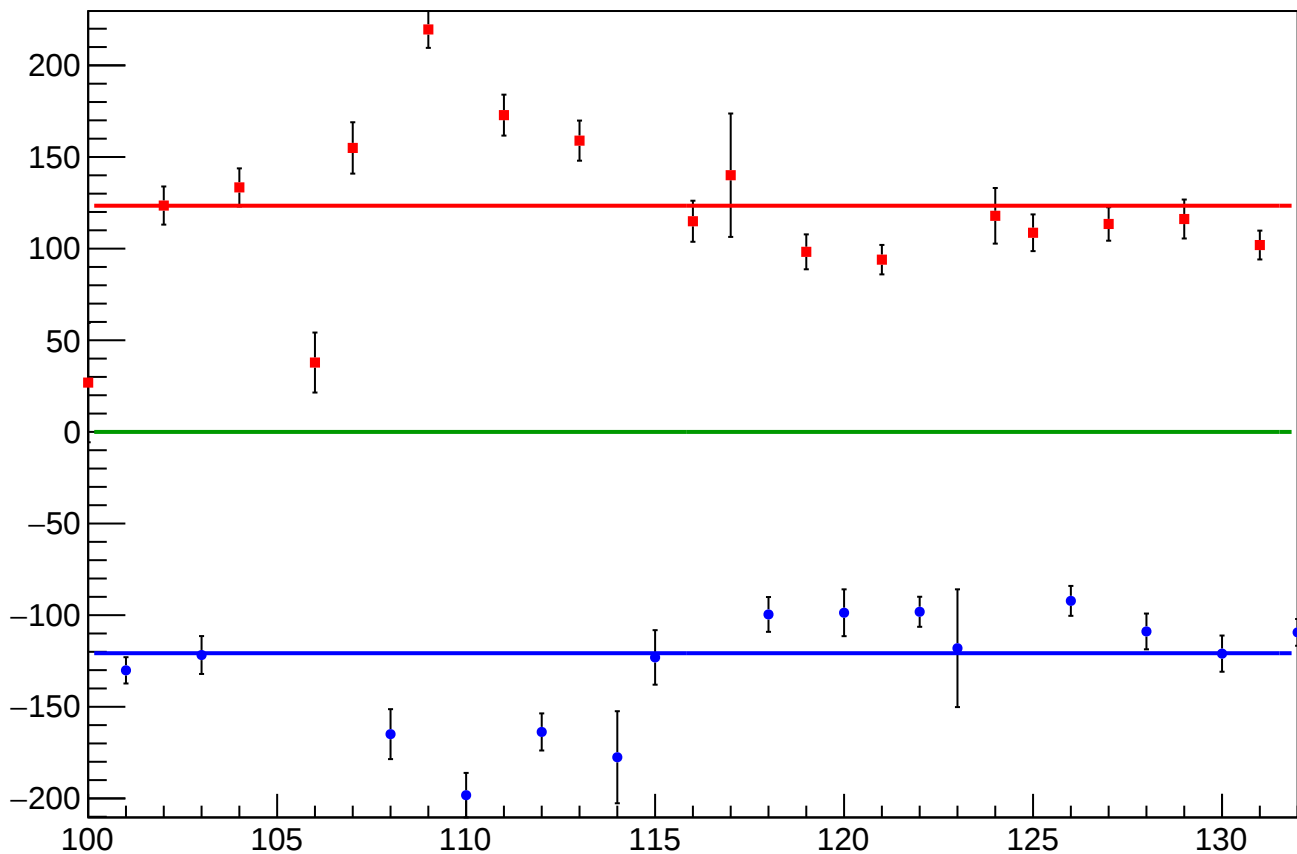
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-39.373 ± 1.385 $\chi^2/\text{NDF}: 1101.2/14$

1.689 ± 1.007 $\chi^2/\text{NDF}: 4229.5/31$

47.679 ± 1.466 $\chi^2/\text{NDF}: 1265.5/16$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -120.759+/-2.632 χ^2/NDF : 107.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.418+/-2.661 χ^2/NDF : 196.3/16

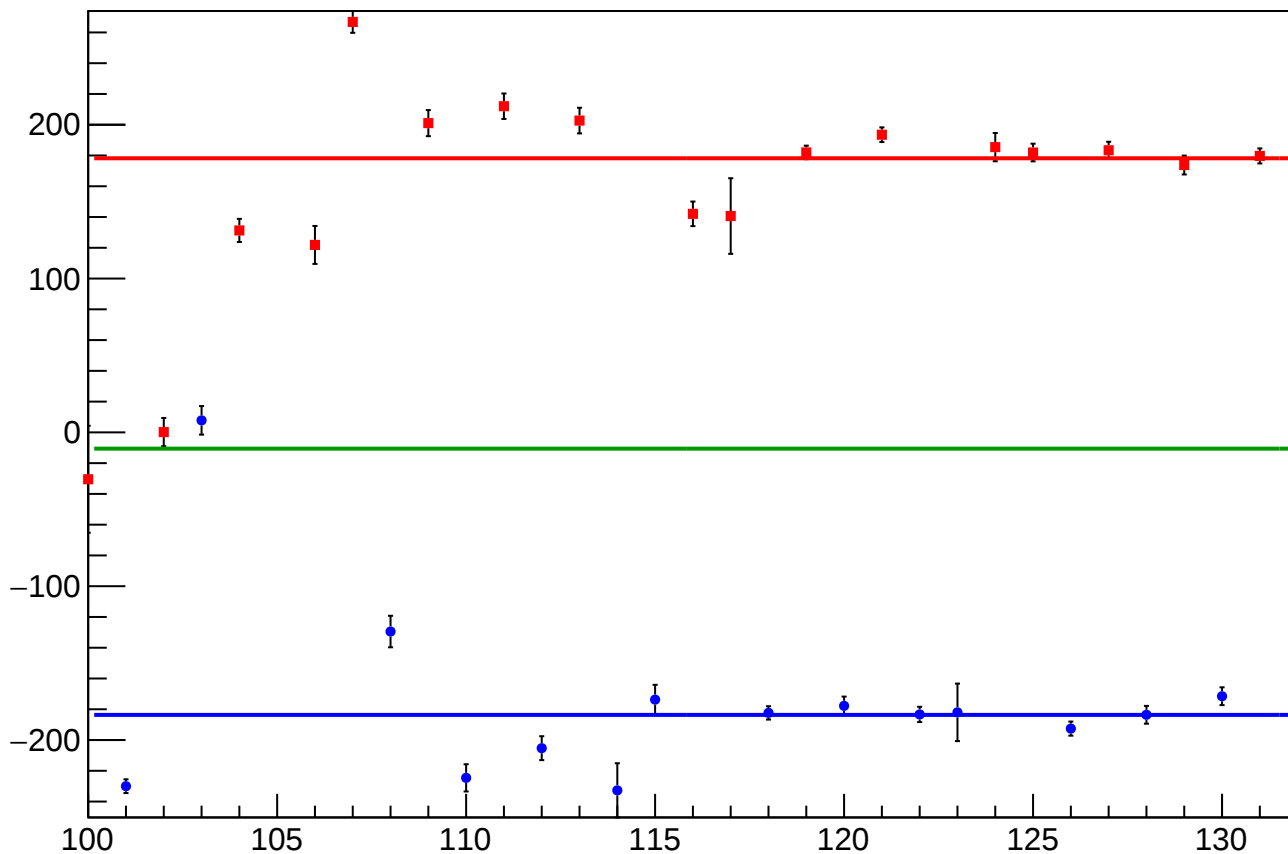
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-120.759+/-2.632 χ^2/NDF : 107.7/14

-0.013+/-1.871 χ^2/NDF : 4560.8/31

123.418+/-2.661 χ^2/NDF : 196.3/16

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -183.657 ± 1.605 χ^2/NDF : 610.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 178.192 ± 1.676 χ^2/NDF : 697.6/16

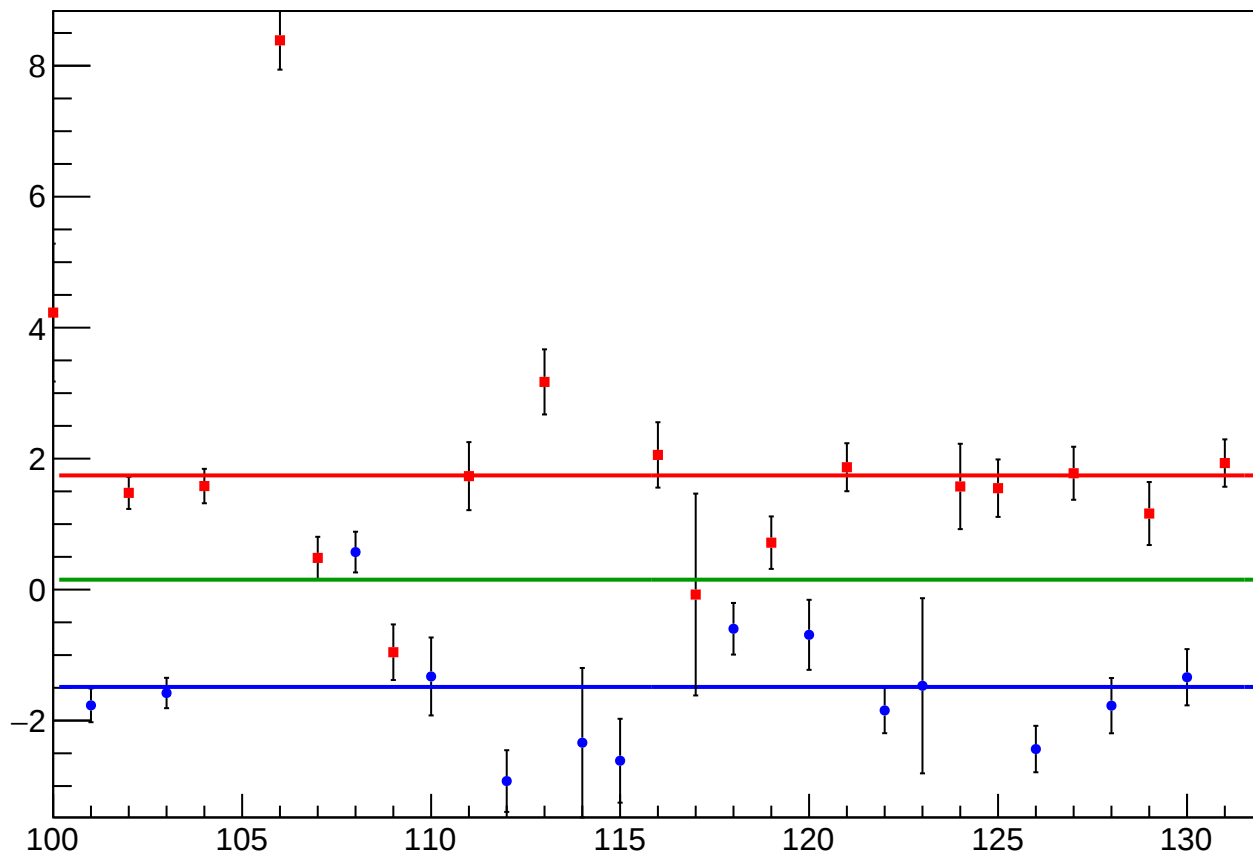
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-183.657 ± 1.605 χ^2/NDF : 610.7/14

-10.578 ± 1.159 χ^2/NDF : 25619.4/31

178.192 ± 1.676 χ^2/NDF : 697.6/16

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.487+/-0.100 χ^2 /NDF: 75.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.744+/-0.098 χ^2 /NDF: 302.0/16

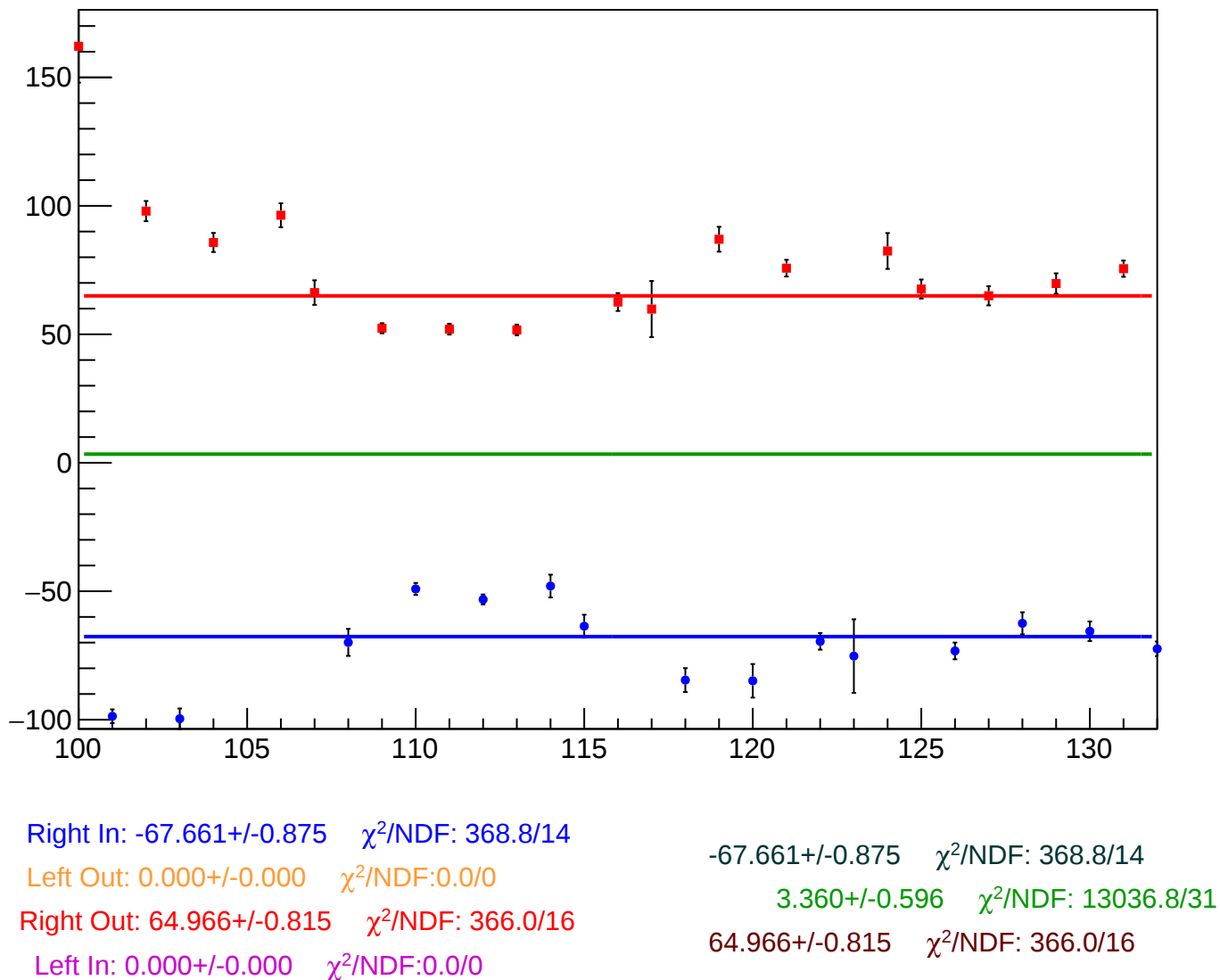
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.487+/-0.100 χ^2 /NDF: 75.5/14

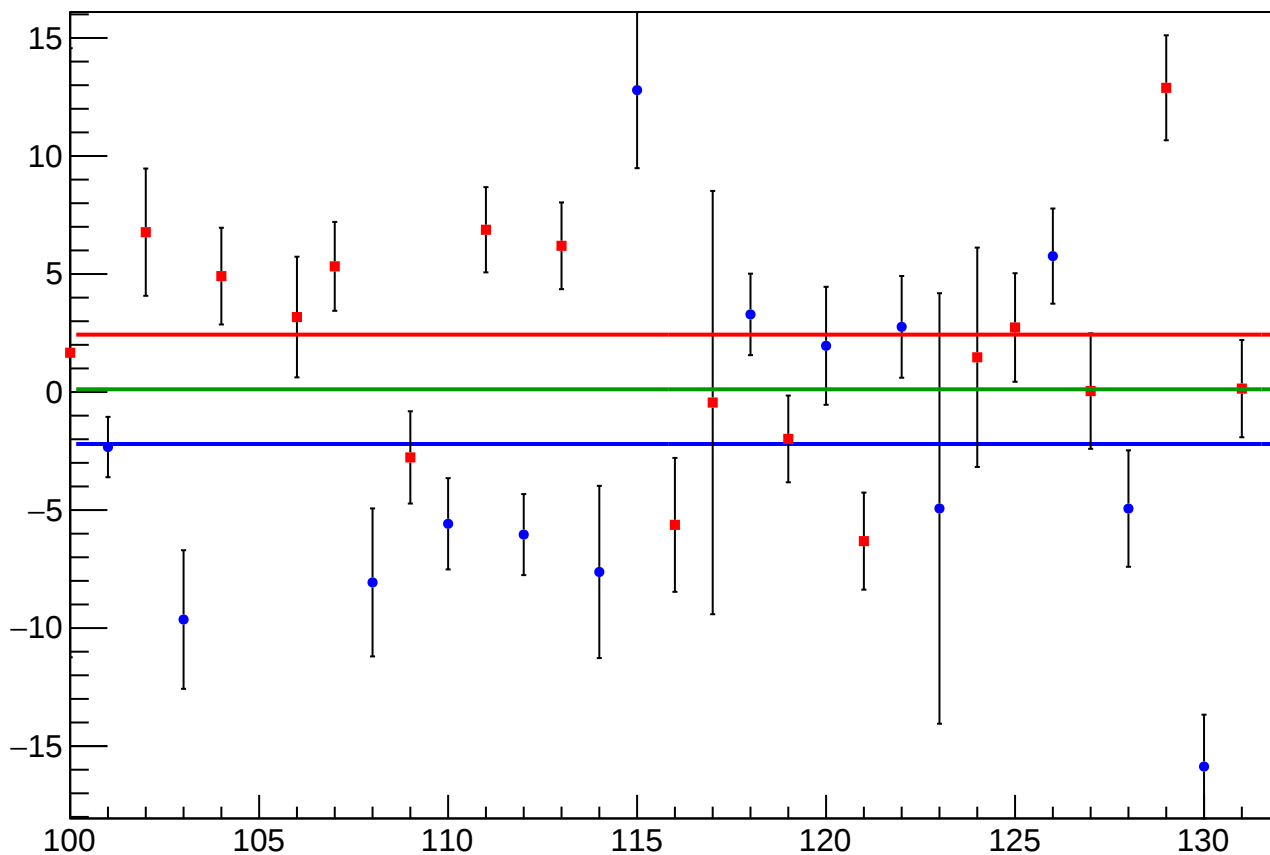
0.152+/-0.070 χ^2 /NDF: 910.4/31

1.744+/-0.098 χ^2 /NDF: 302.0/16

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.201 ± 0.560 χ^2/NDF : 115.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.433 ± 0.560 χ^2/NDF : 80.2/16

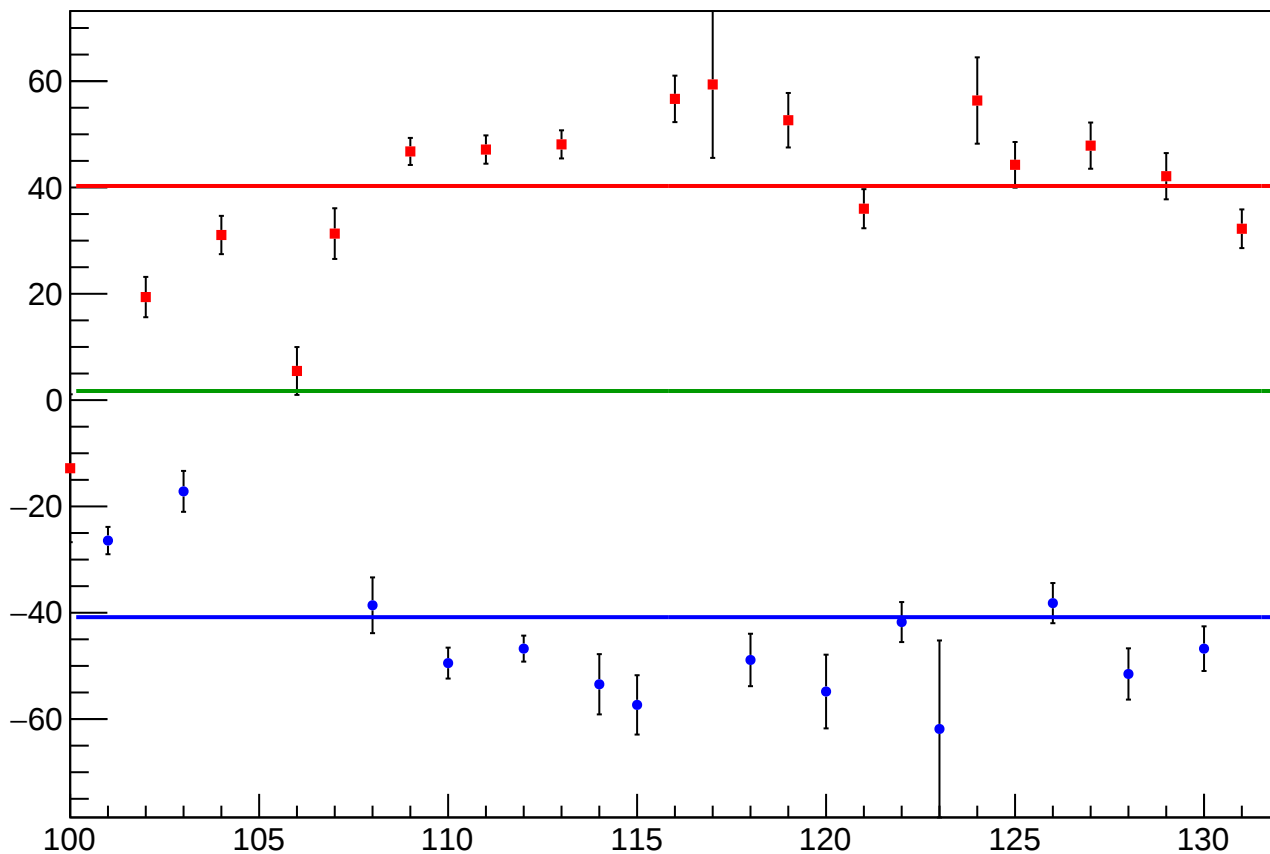
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.201 ± 0.560 χ^2/NDF : 115.7/14

0.117 ± 0.396 χ^2/NDF : 230.2/31

2.433 ± 0.560 χ^2/NDF : 80.2/16

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.830 $\pm$ 1.000 χ^2 /NDF: 115.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.281 $\pm$ 0.952 χ^2 /NDF: 172.8/16

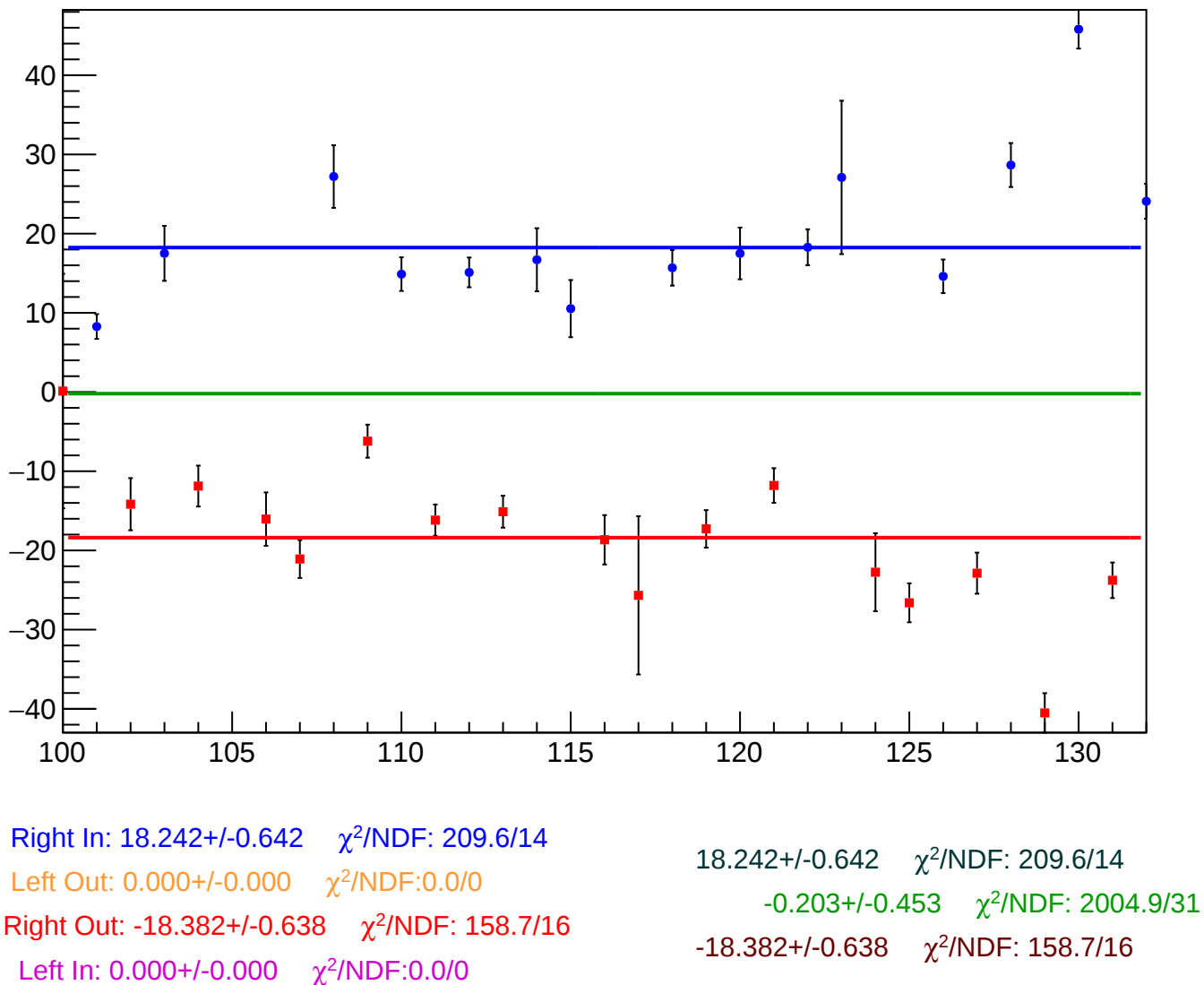
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-40.830 $\pm$ 1.000 χ^2 /NDF: 115.8/14

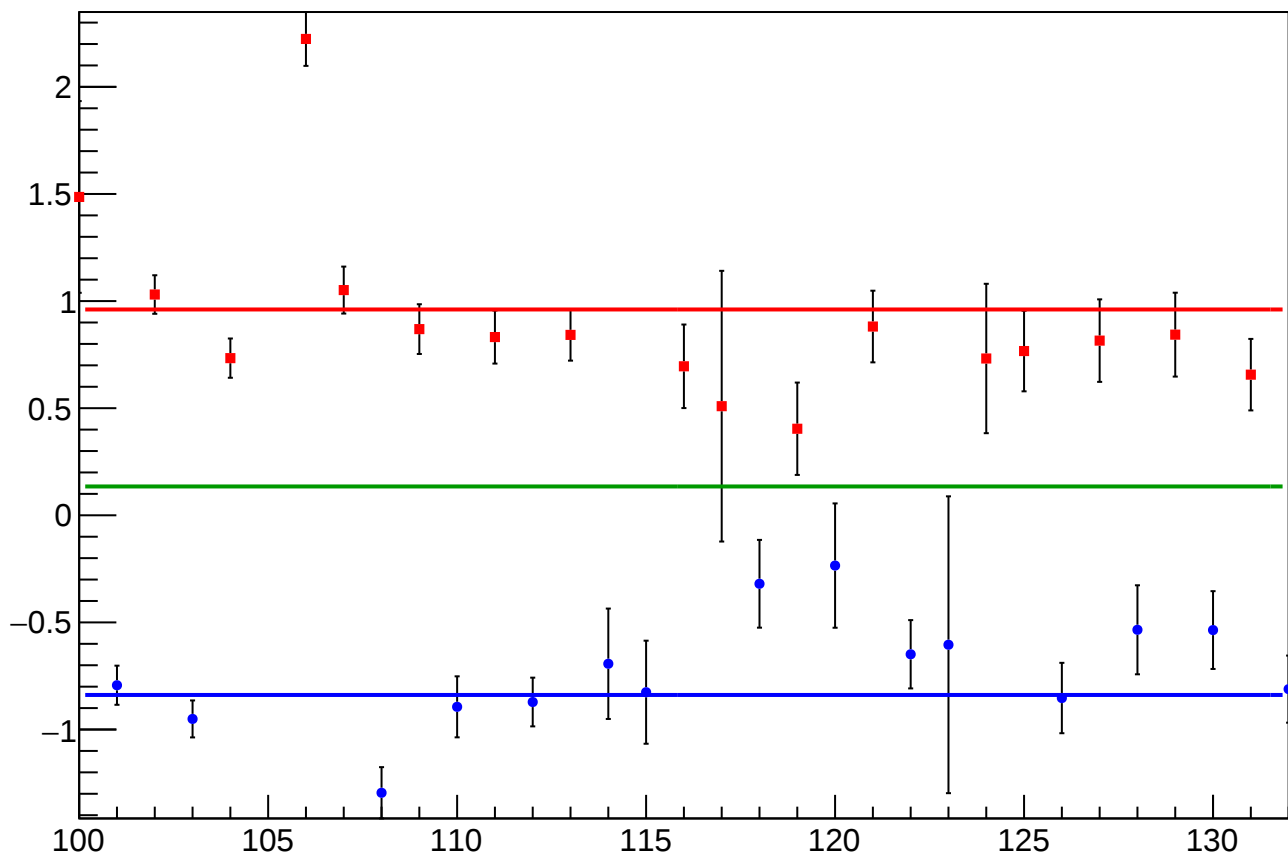
1.713 $\pm$ 0.689 χ^2 /NDF: 3742.0/31

40.281 $\pm$ 0.952 χ^2 /NDF: 172.8/16

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.839 ± 0.038 χ^2/NDF : 34.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.961 ± 0.035 χ^2/NDF : 127.4/16

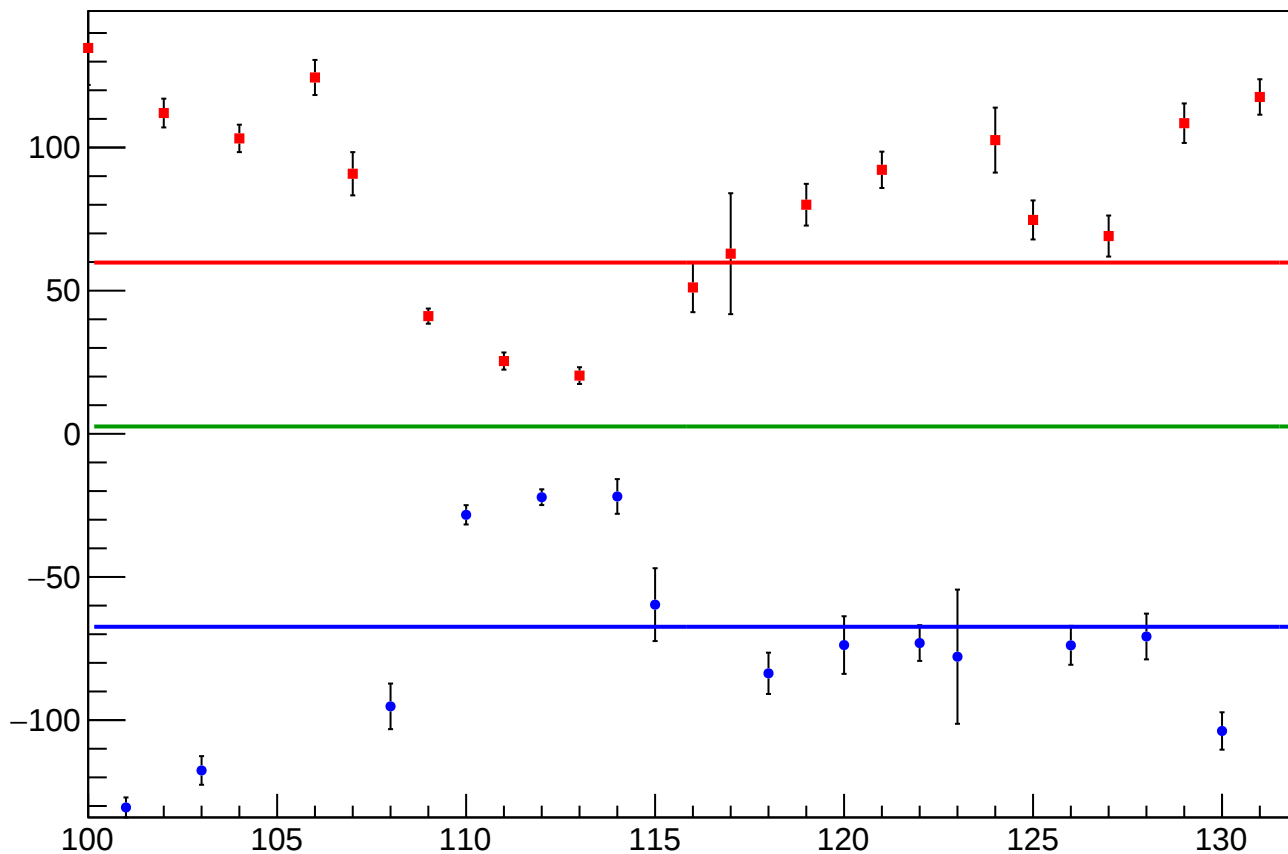
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.839 ± 0.038 χ^2/NDF : 34.3/14

0.135 ± 0.026 χ^2/NDF : 1372.4/31

0.961 ± 0.035 χ^2/NDF : 127.4/16

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.401 $\pm$ 1.361 χ^2 /NDF: 1012.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.816 $\pm$ 1.231 χ^2 /NDF: 908.3/16

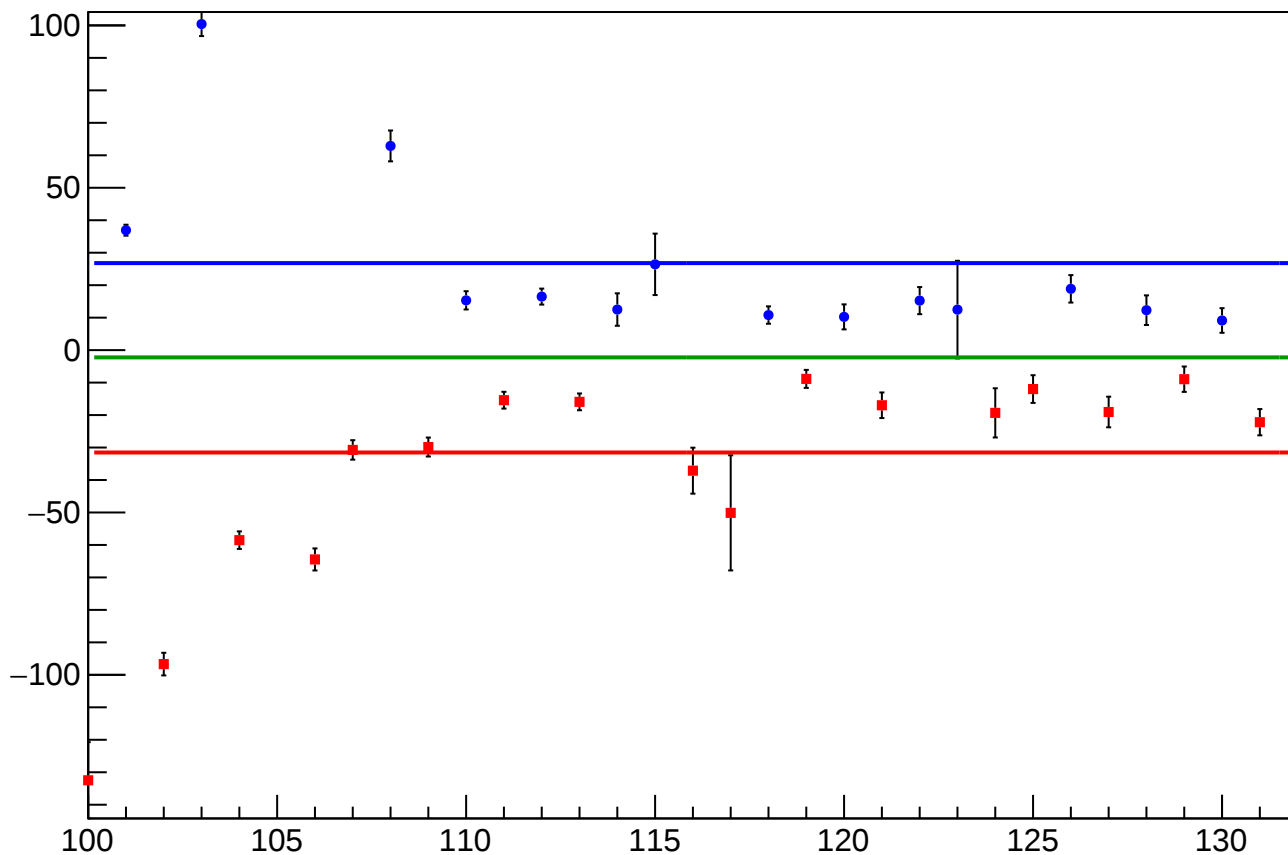
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-67.401 $\pm$ 1.361 χ^2 /NDF: 1012.0/14

2.566 $\pm$ 0.913 χ^2 /NDF: 6723.6/31

59.816 $\pm$ 1.231 χ^2 /NDF: 908.3/16

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 26.795+/-0.872 χ^2/NDF : 631.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.525+/-0.876 χ^2/NDF : 844.6/16

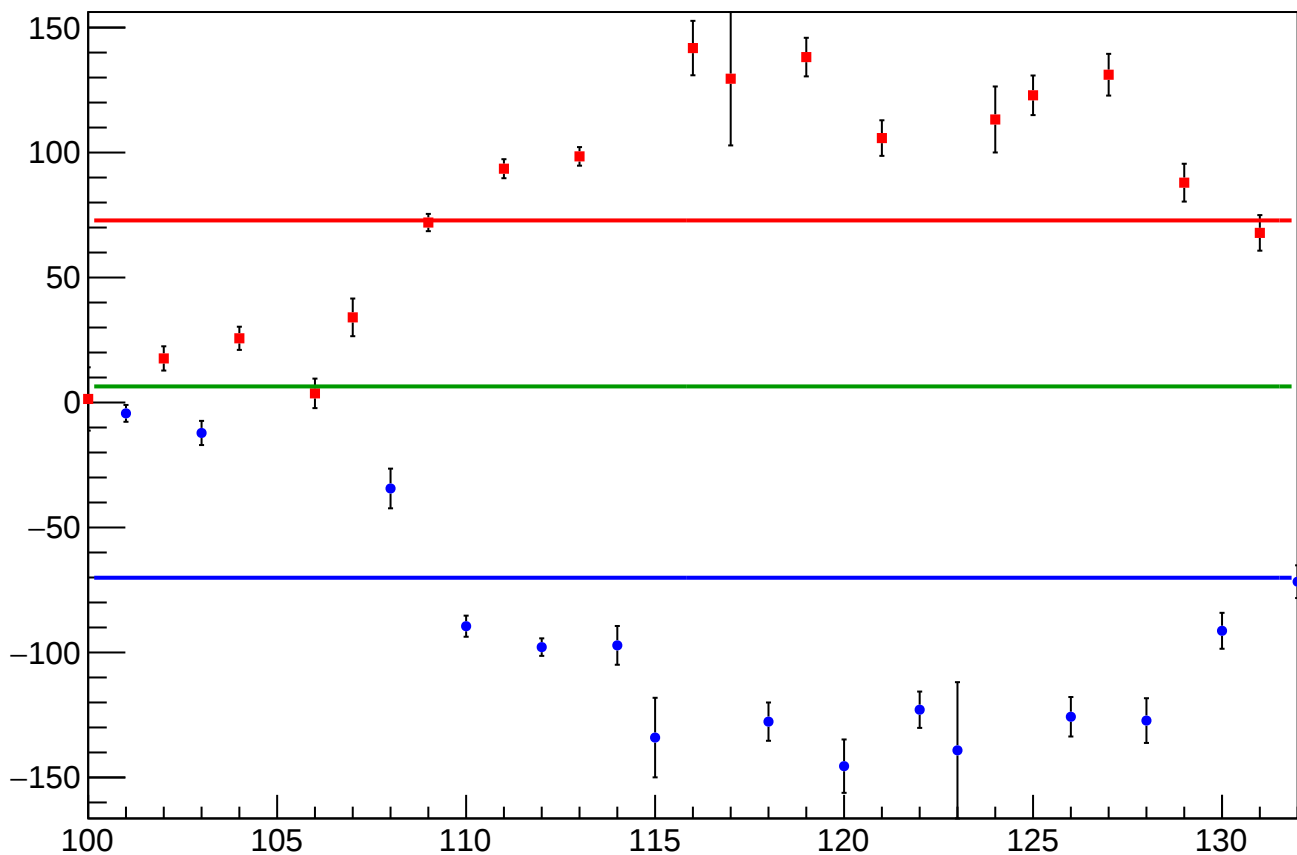
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

26.795+/-0.872 χ^2/NDF : 631.1/14

-2.235+/-0.618 χ^2/NDF : 3701.7/31

-31.525+/-0.876 χ^2/NDF : 844.6/16

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.099+/-1.539 χ^2/NDF : 921.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.843+/-1.434 χ^2/NDF : 746.2/16

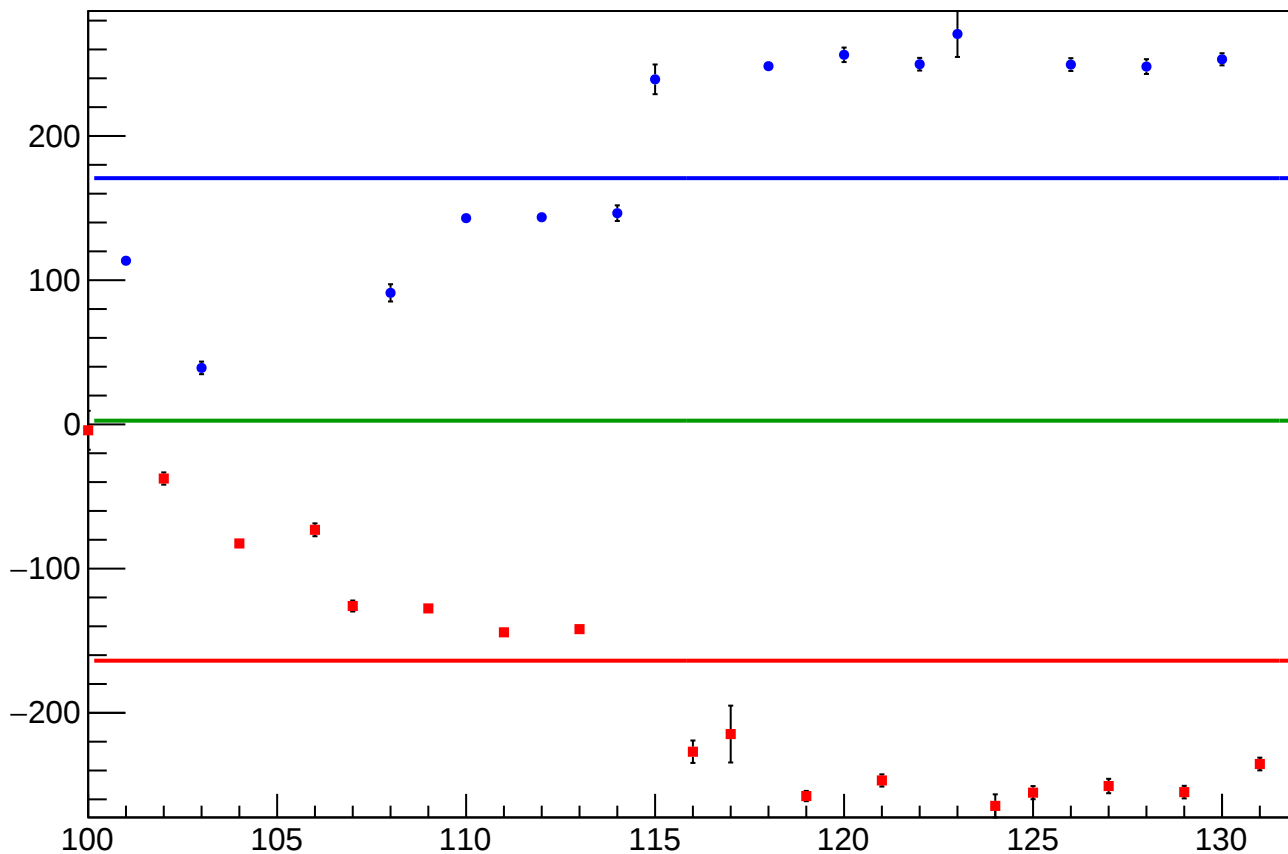
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-70.099+/-1.539 χ^2/NDF : 921.6/14

6.435+/-1.049 χ^2/NDF : 6286.5/31

72.843+/-1.434 χ^2/NDF : 746.2/16

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 170.754+/-1.012 χ^2/NDF : 4416.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.843+/-1.007 χ^2/NDF : 5074.4/16

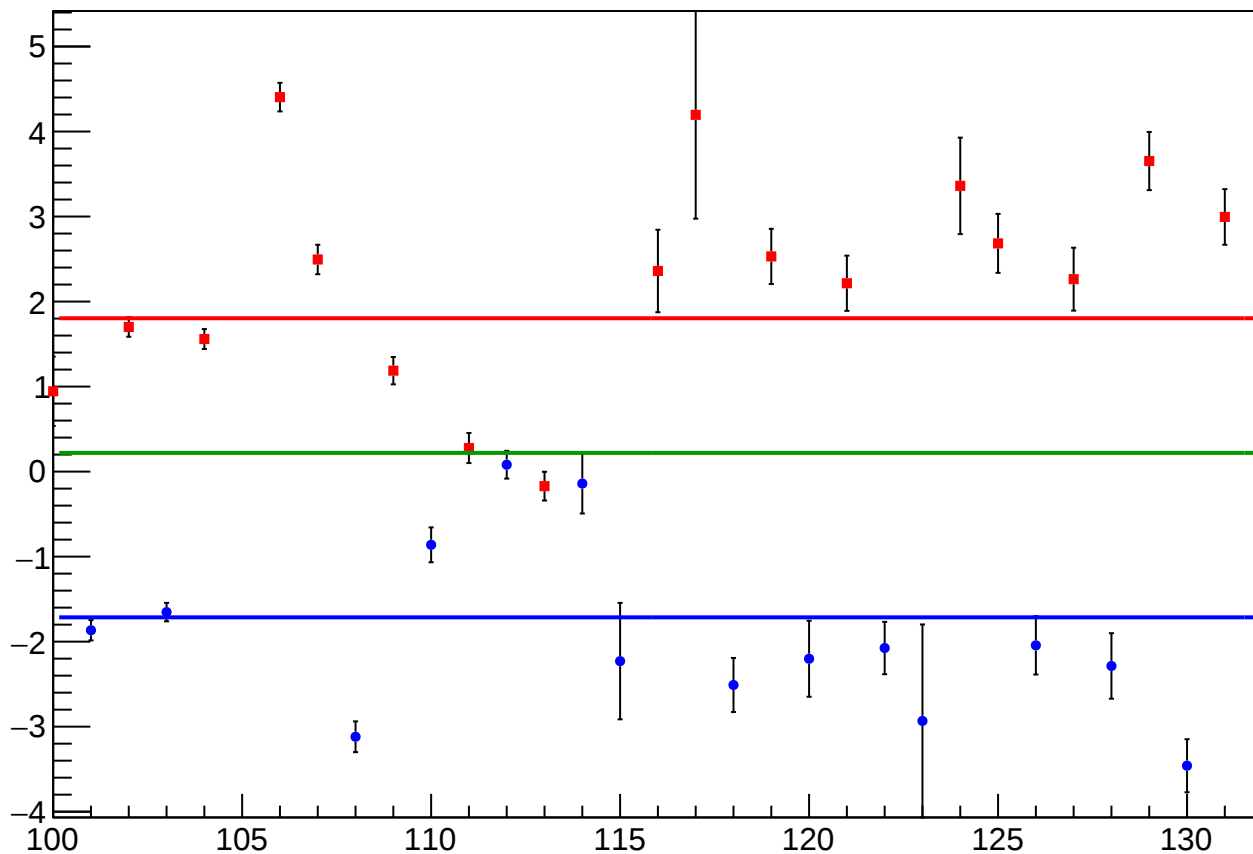
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.754+/-1.012 χ^2/NDF : 4416.3/14

2.591+/-0.714 χ^2/NDF : 64419.1/31

-163.843+/-1.007 χ^2/NDF : 5074.4/16

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.714 ± 0.056 $\chi^2/\text{NDF}: 277.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.804 ± 0.051 $\chi^2/\text{NDF}: 560.7/16$

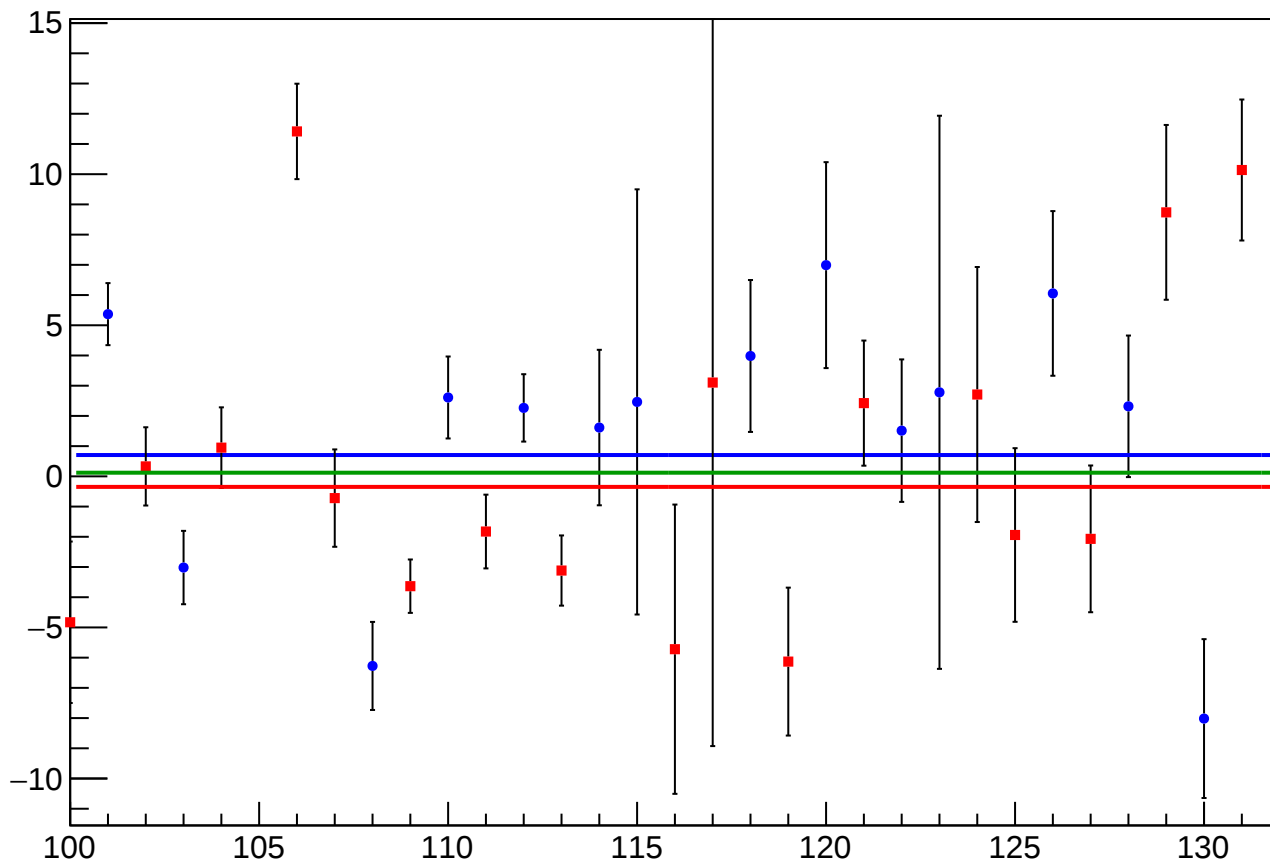
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.714 ± 0.056 $\chi^2/\text{NDF}: 277.7/14$

0.220 ± 0.038 $\chi^2/\text{NDF}: 3008.9/31$

1.804 ± 0.051 $\chi^2/\text{NDF}: 560.7/16$

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.706 ± 0.460 χ^2/NDF : 98.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.349 ± 0.412 χ^2/NDF : 120.7/16

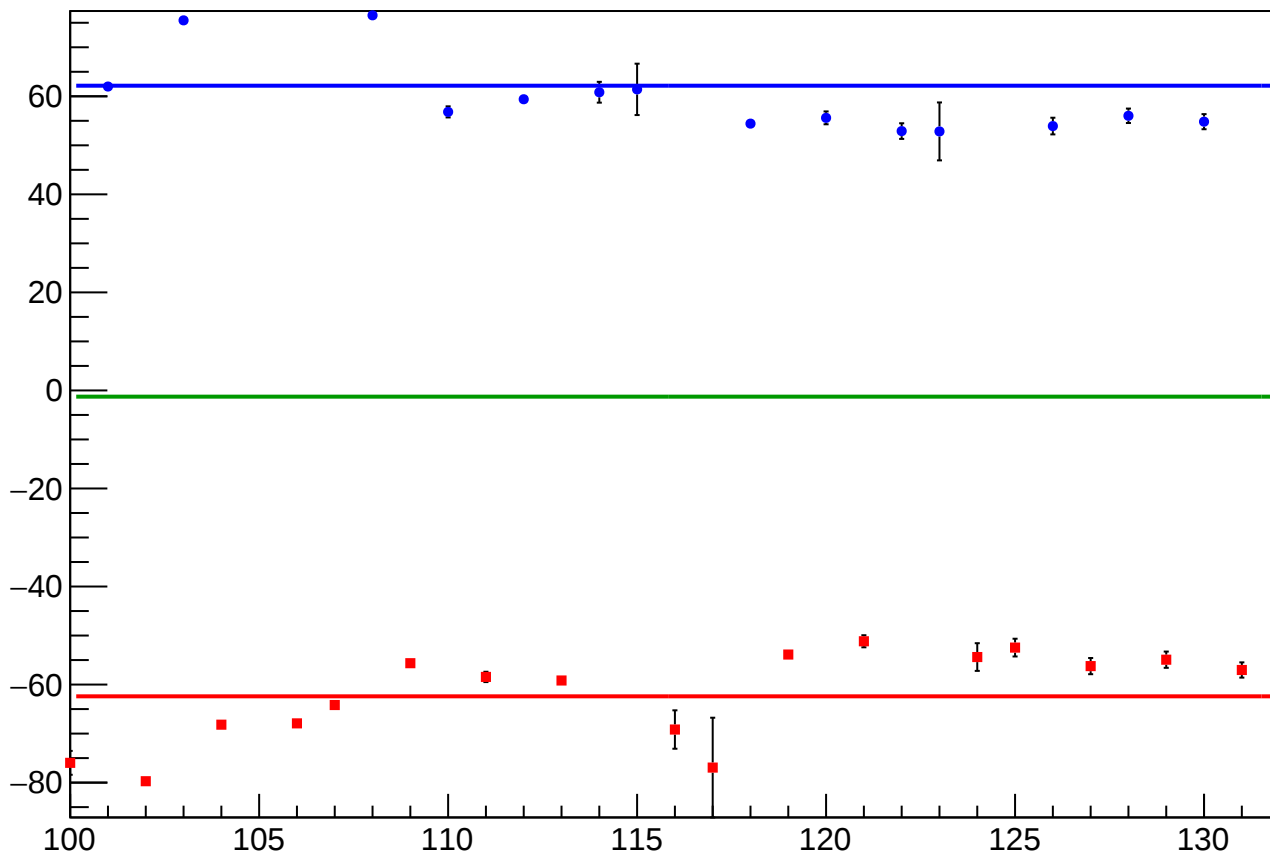
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.706 ± 0.460 χ^2/NDF : 98.3/14

0.121 ± 0.307 χ^2/NDF : 221.9/31

-0.349 ± 0.412 χ^2/NDF : 120.7/16

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.162+/-0.285 χ^2/NDF : 715.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.399+/-0.280 χ^2/NDF : 795.6/16

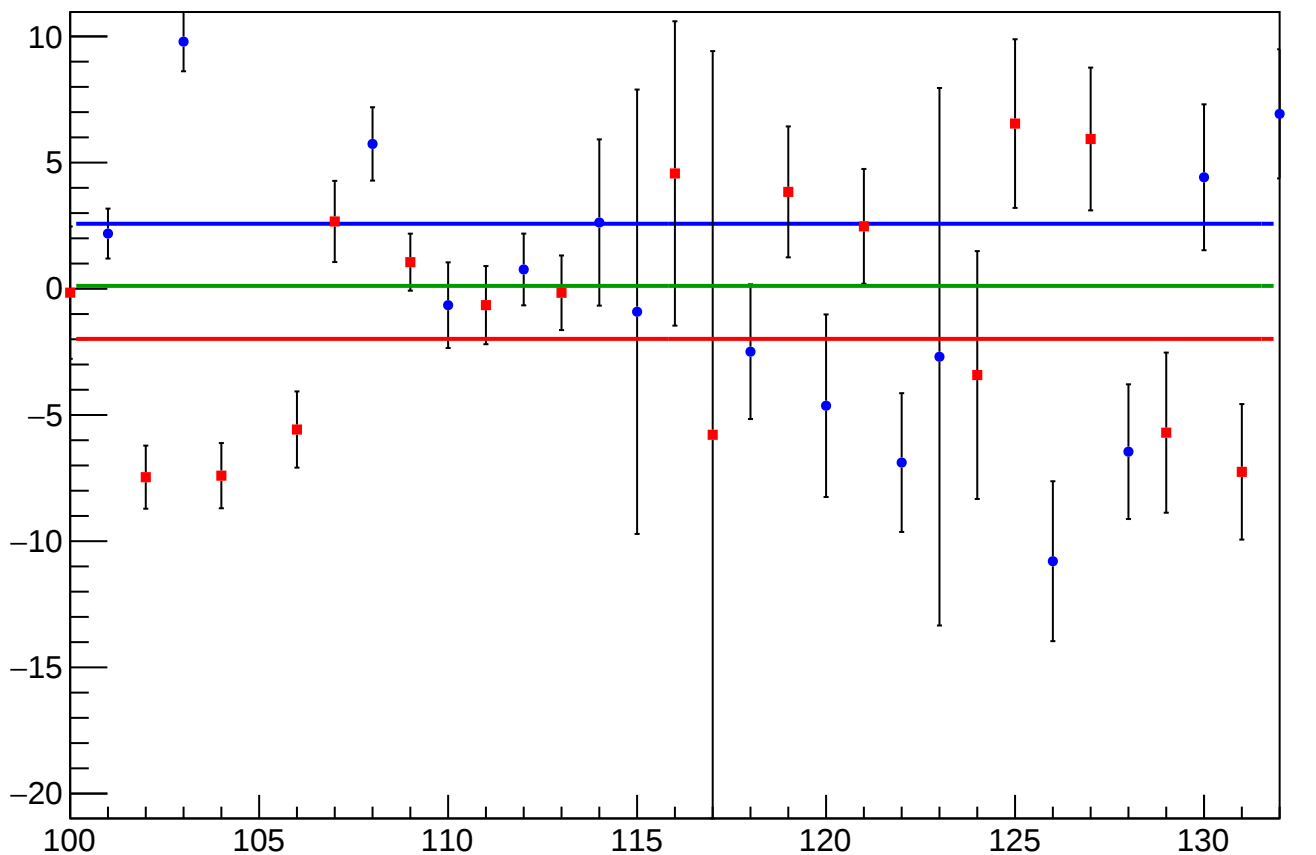
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.162+/-0.285 χ^2/NDF : 715.4/14

-1.268+/-0.200 χ^2/NDF : 98789.2/31

-62.399+/-0.280 χ^2/NDF : 795.6/16

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.577 $\pm$ 0.498 χ^2/NDF : 100.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.984 $\pm$ 0.459 χ^2/NDF : 90.6/16

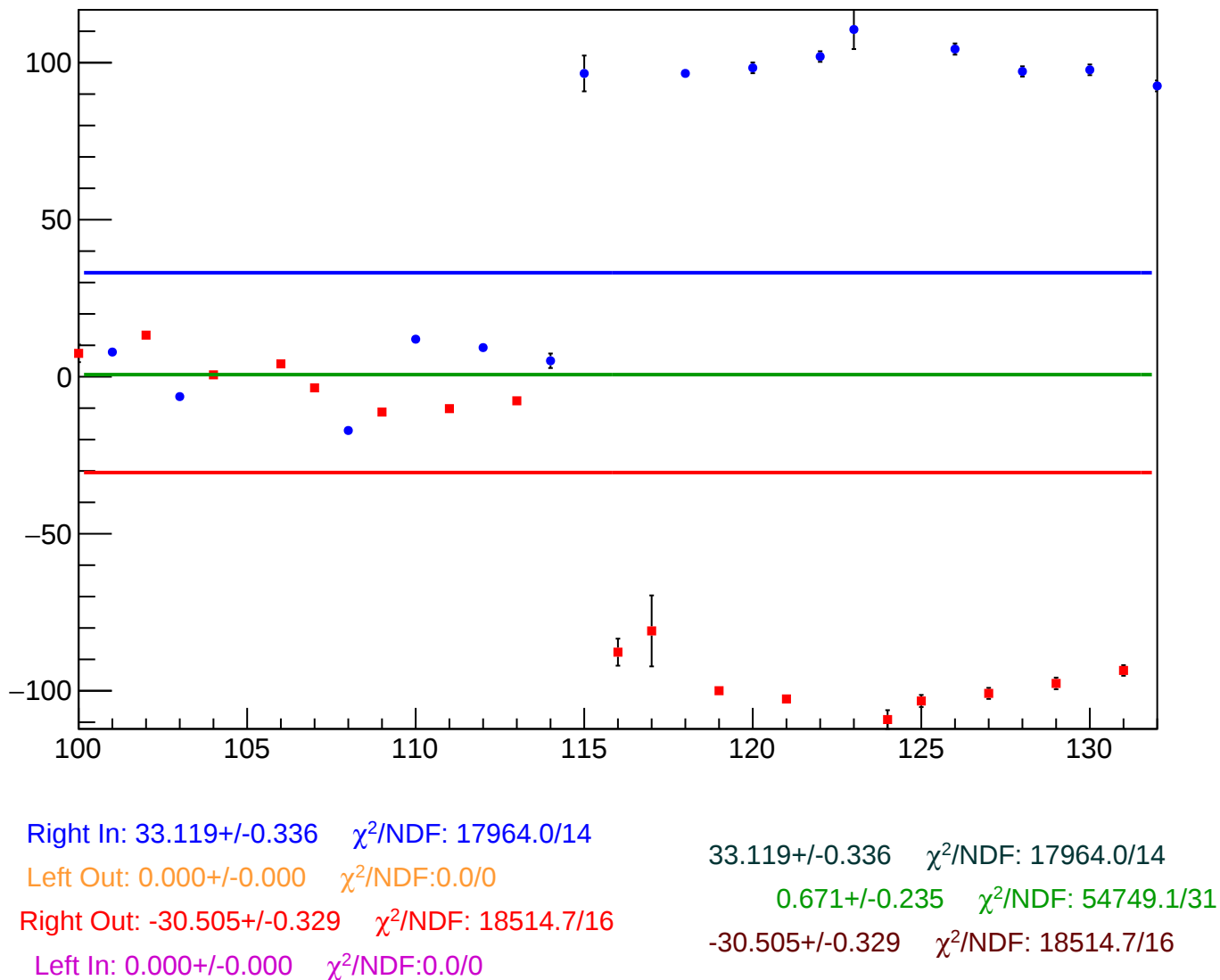
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.577 $\pm$ 0.498 χ^2/NDF : 100.3/14

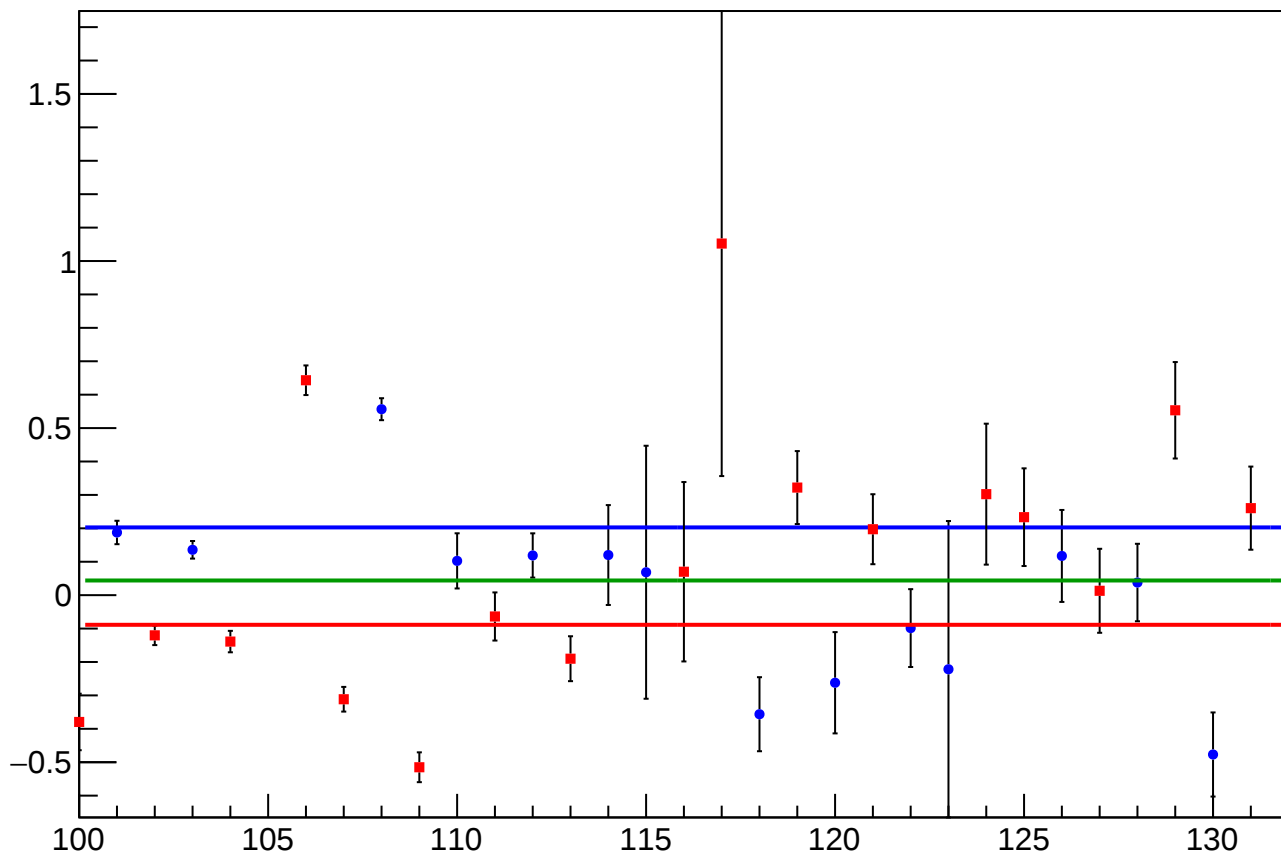
0.115 $\pm$ 0.338 χ^2/NDF : 236.3/31

-1.984 $\pm$ 0.459 χ^2/NDF : 90.6/16

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.016 χ^2/NDF : 213.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.089 ± 0.014 χ^2/NDF : 479.2/16

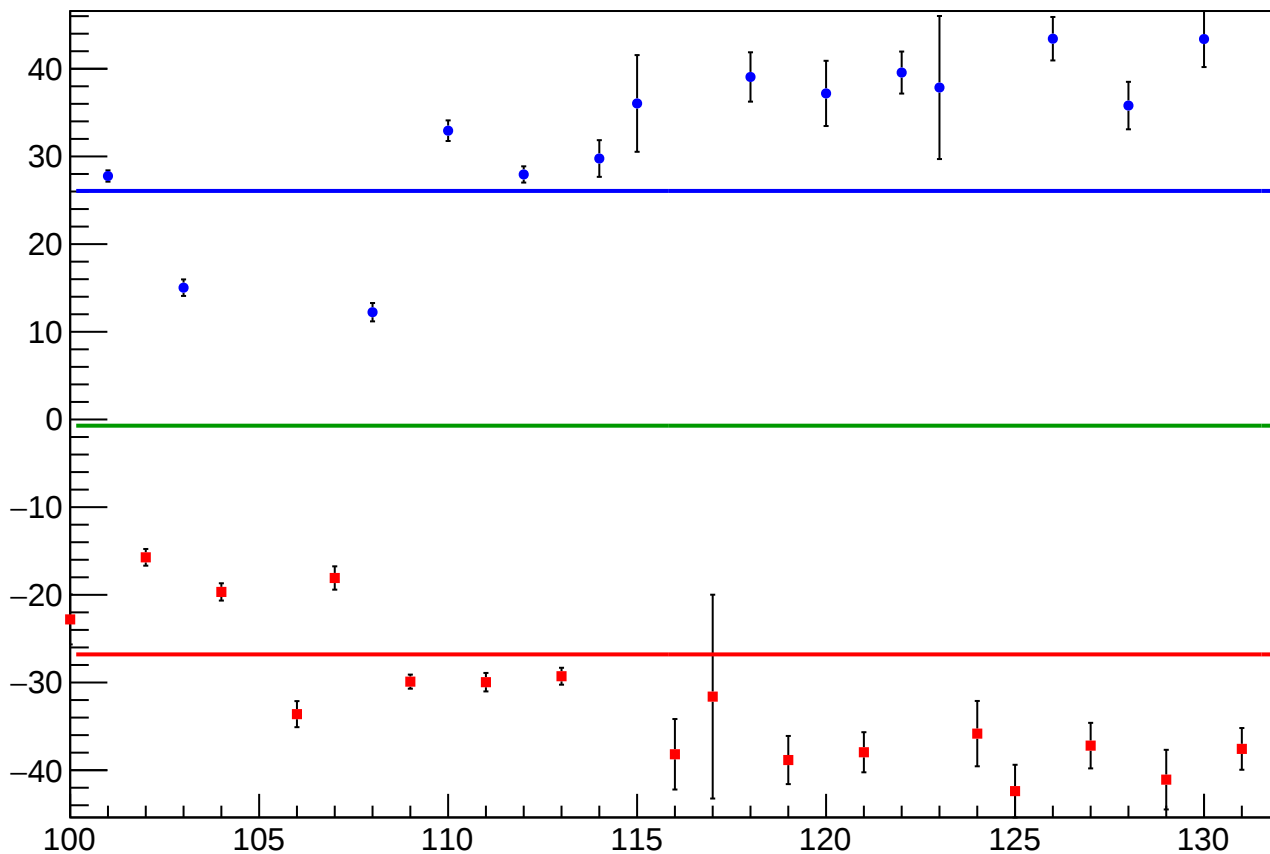
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.203 ± 0.016 χ^2/NDF : 213.8/14

0.044 ± 0.011 χ^2/NDF : 881.6/31

-0.089 ± 0.014 χ^2/NDF : 479.2/16

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 26.066 $\pm$ 0.363 χ^2 /NDF: 534.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.794 $\pm$ 0.358 χ^2 /NDF: 422.3/16

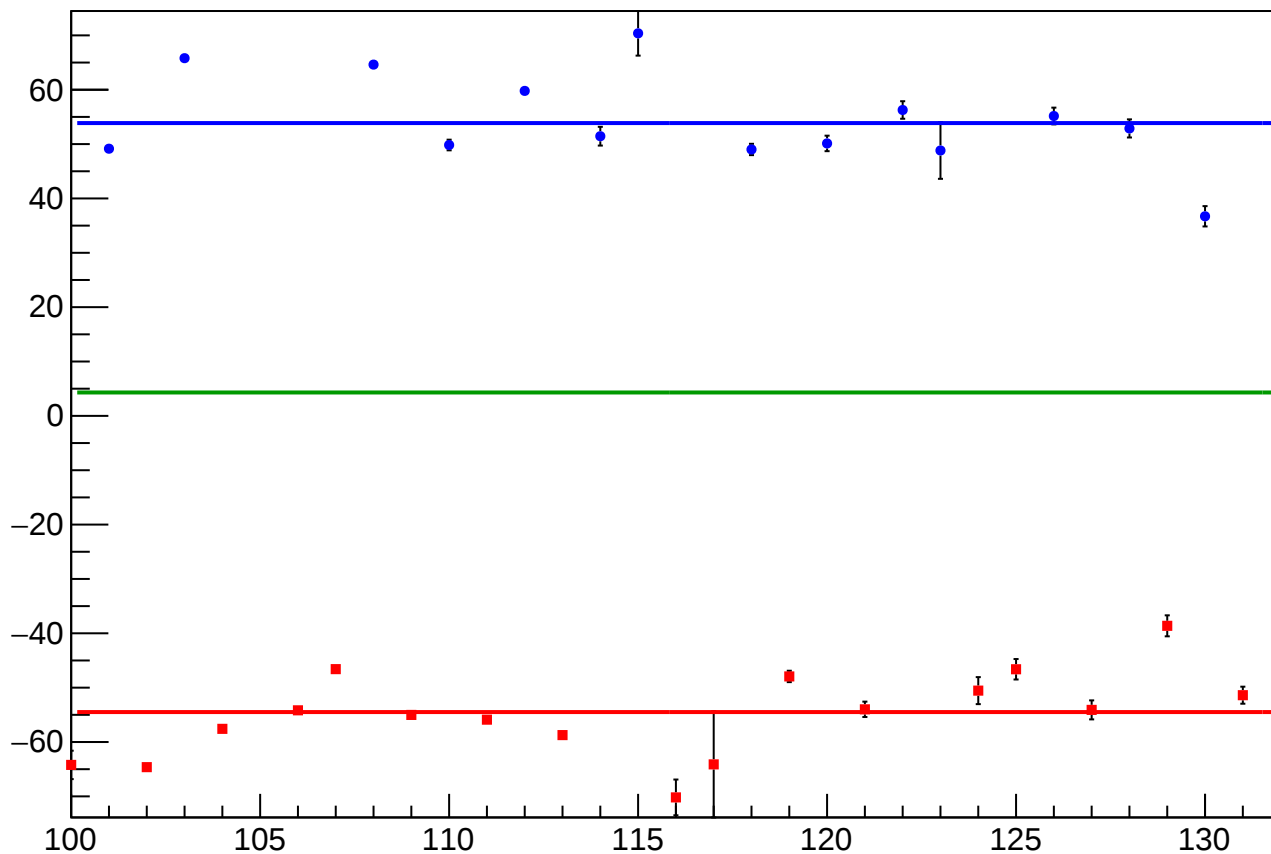
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.066 $\pm$ 0.363 χ^2 /NDF: 534.5/14

-0.707 $\pm$ 0.255 χ^2 /NDF: 11692.6/31

-26.794 $\pm$ 0.358 χ^2 /NDF: 422.3/16

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 53.867+/-0.221 χ^2 /NDF: 1005.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -54.490+/-0.240 χ^2 /NDF: 661.7/16

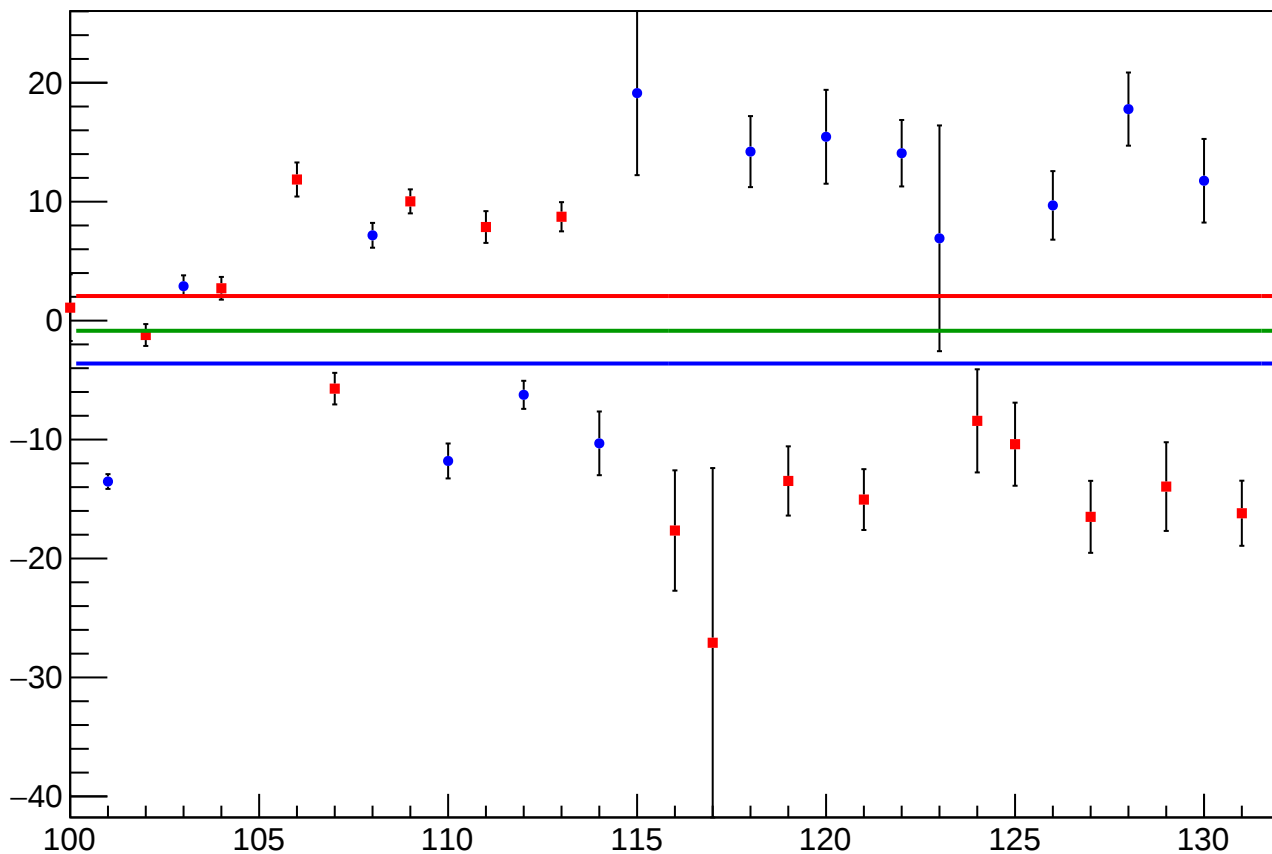
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

53.867+/-0.221 χ^2 /NDF: 1005.7/14

4.304+/-0.163 χ^2 /NDF: 111979.8/31

-54.490+/-0.240 χ^2 /NDF: 661.7/16

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.606+/-0.383 χ^2/NDF : 729.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.068+/-0.394 χ^2/NDF : 416.7/16

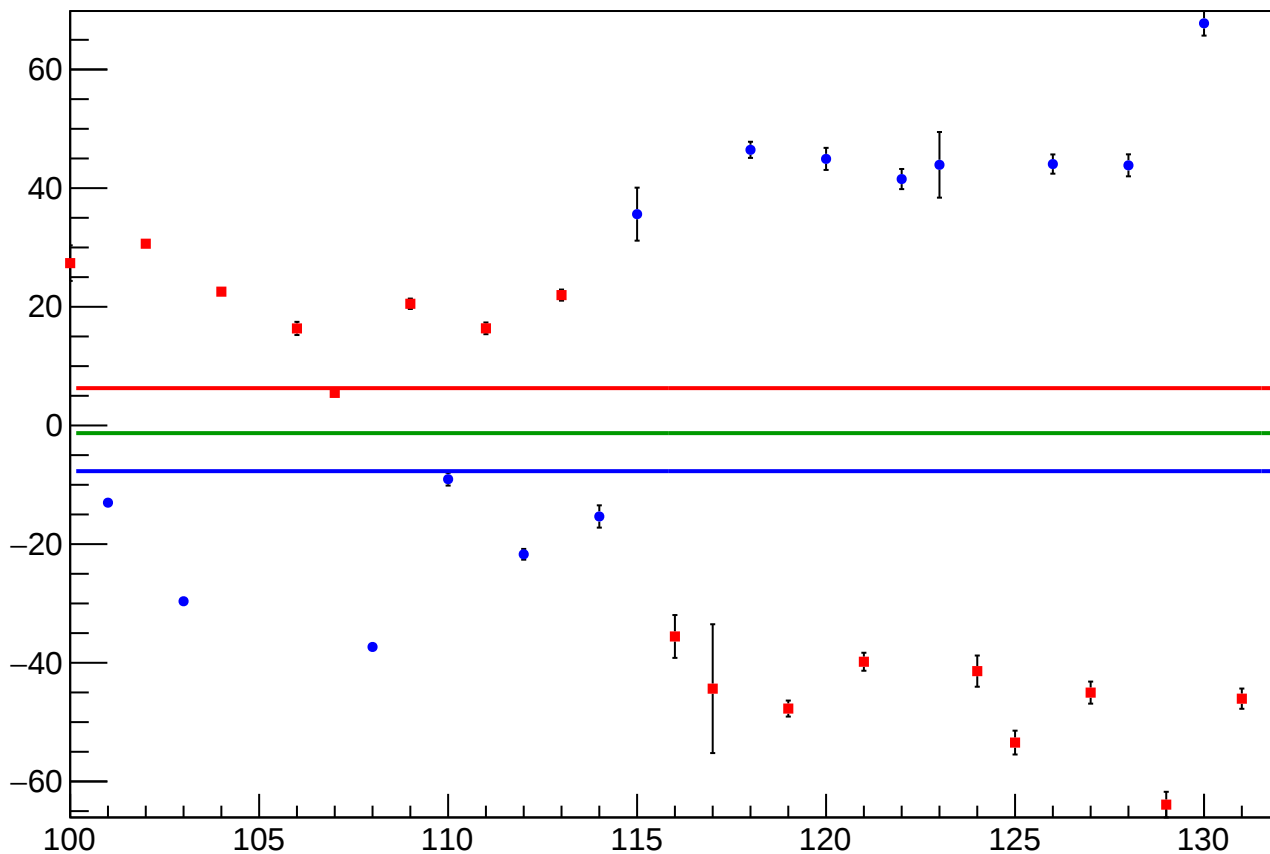
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.606+/-0.383 χ^2/NDF : 729.2/14

-0.855+/-0.275 χ^2/NDF : 1252.6/31

2.068+/-0.394 χ^2/NDF : 416.7/16

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.701 ± 0.263 χ^2/NDF : 9954.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.291 ± 0.286 χ^2/NDF : 8820.7/16

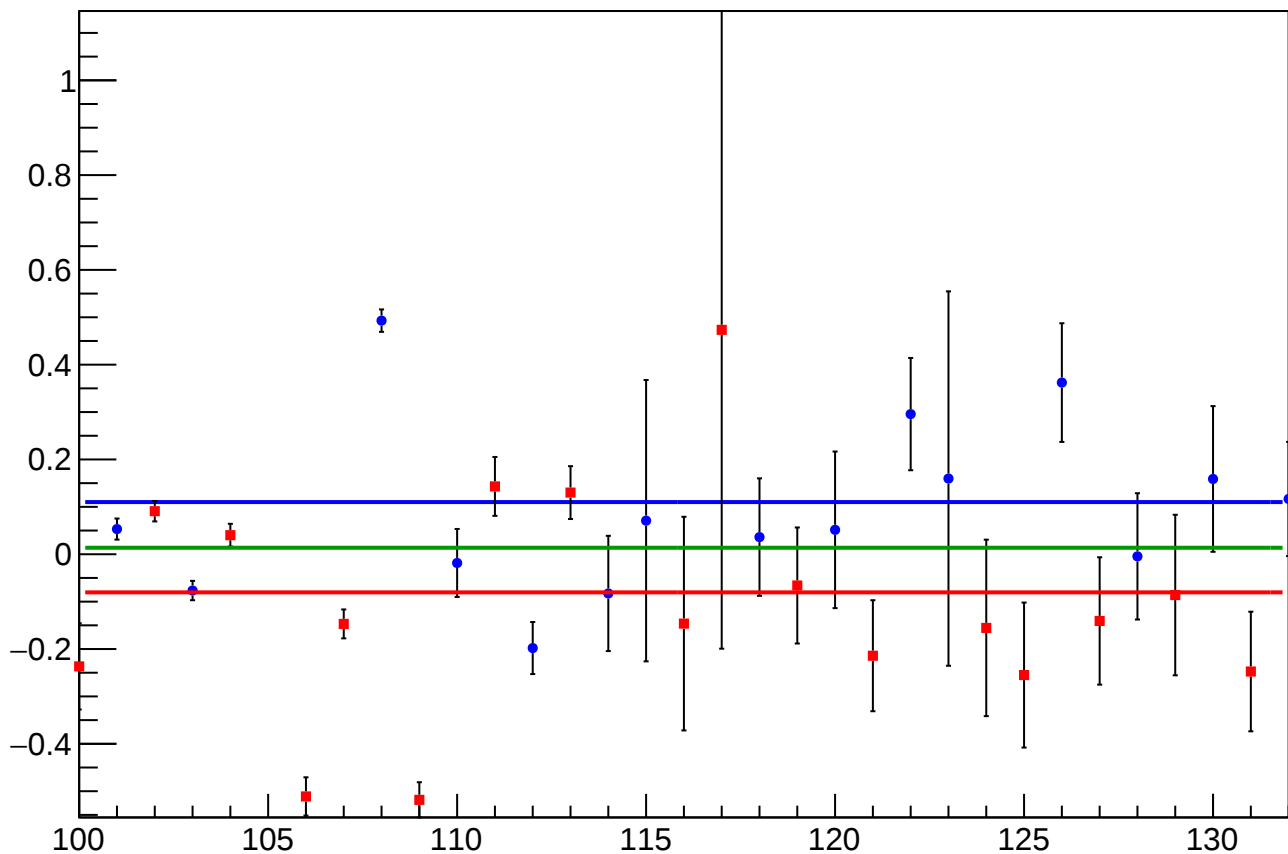
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.701 ± 0.263 χ^2/NDF : 9954.4/14

-1.292 ± 0.193 χ^2/NDF : 20075.9/31

6.291 ± 0.286 χ^2/NDF : 8820.7/16

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.110+/-0.012 χ^2/NDF : 397.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.080+/-0.012 χ^2/NDF : 381.3/16

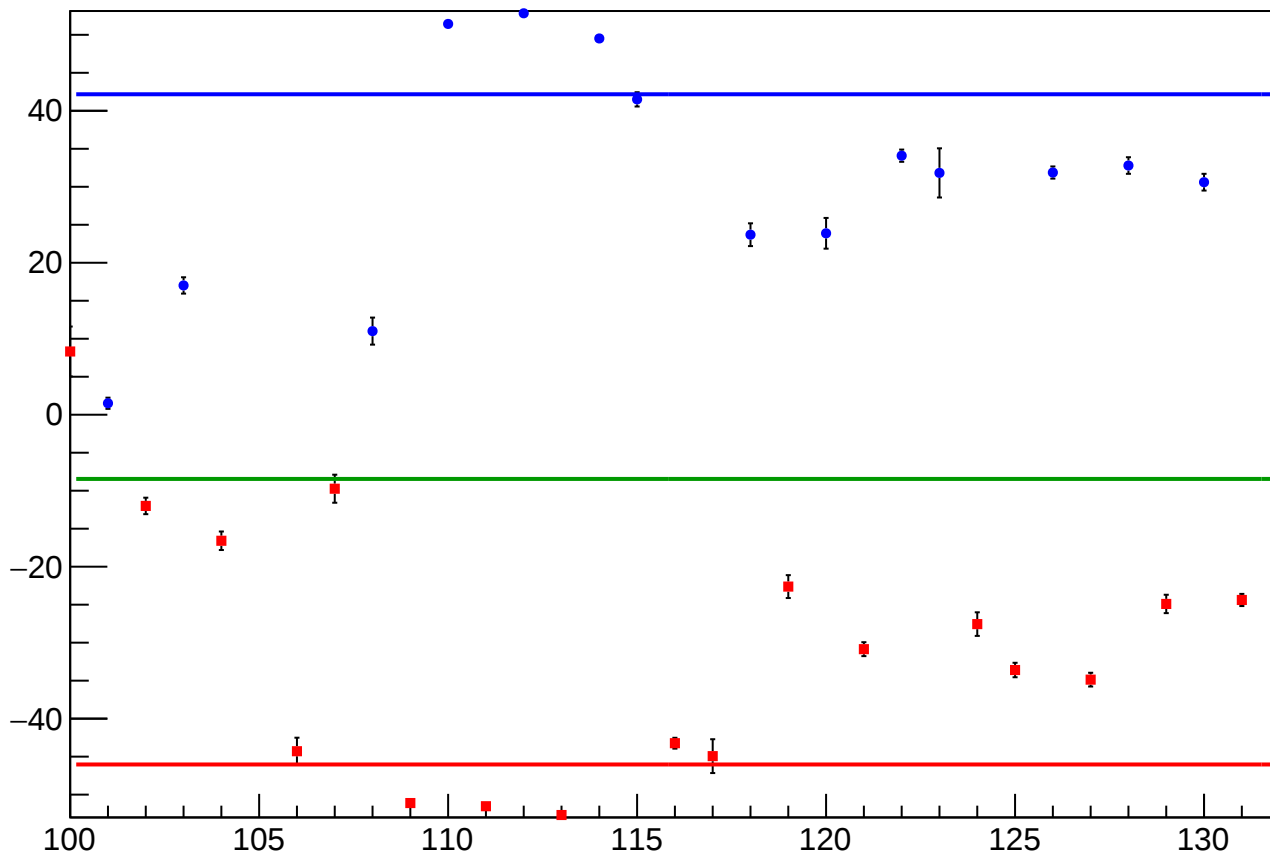
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.110+/-0.012 χ^2/NDF : 397.0/14

0.014+/-0.008 χ^2/NDF : 910.8/31

-0.080+/-0.012 χ^2/NDF : 381.3/16

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 42.176+/-0.177 χ^2 /NDF: 7171.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -46.032+/-0.152 χ^2 /NDF: 5310.5/16

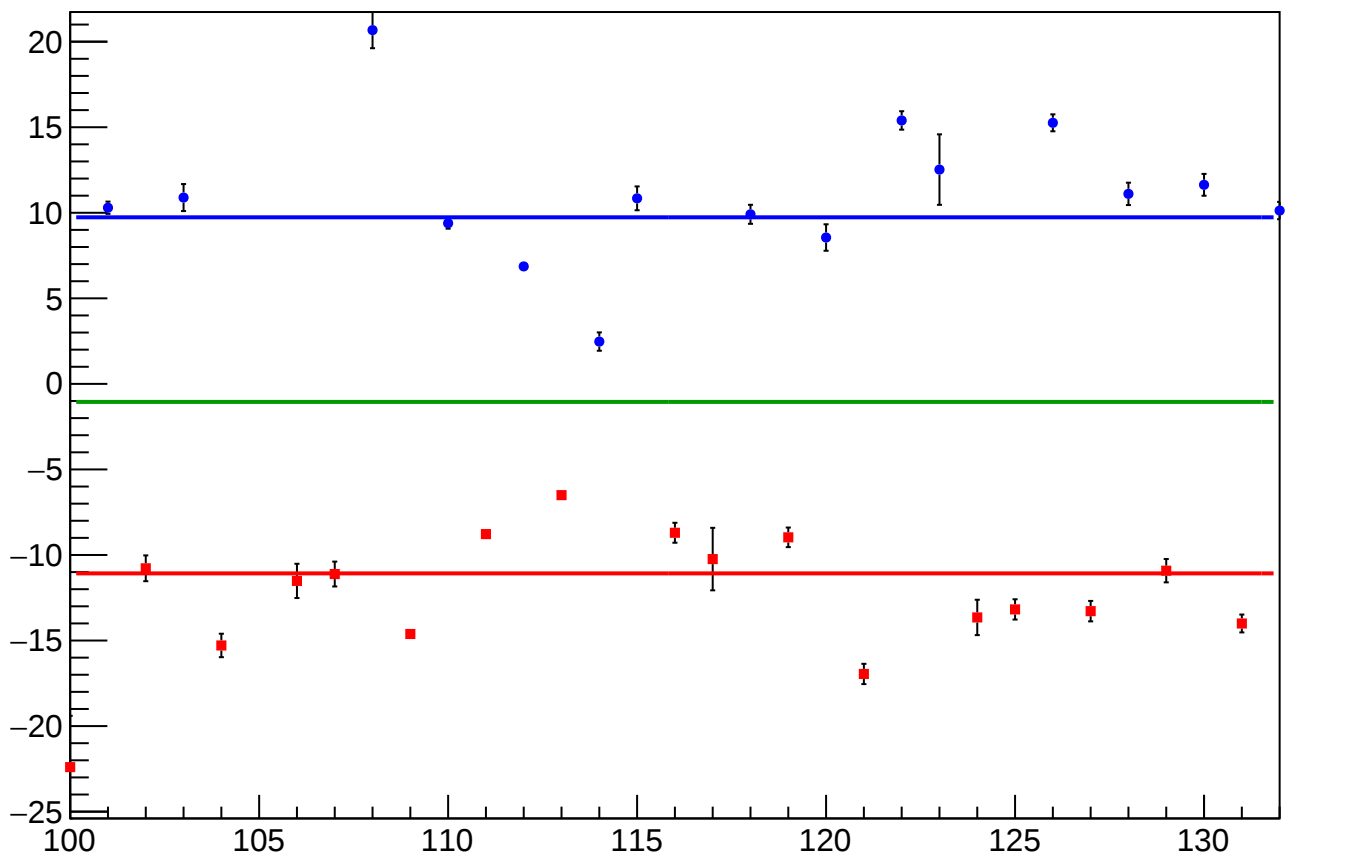
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

42.176+/-0.177 χ^2 /NDF: 7171.4/14

-8.450+/-0.115 χ^2 /NDF: 155685.7/31

-46.032+/-0.152 χ^2 /NDF: 5310.5/16

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.735 ± 0.128 χ^2/NDF : 667.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.075 ± 0.123 χ^2/NDF : 731.9/16

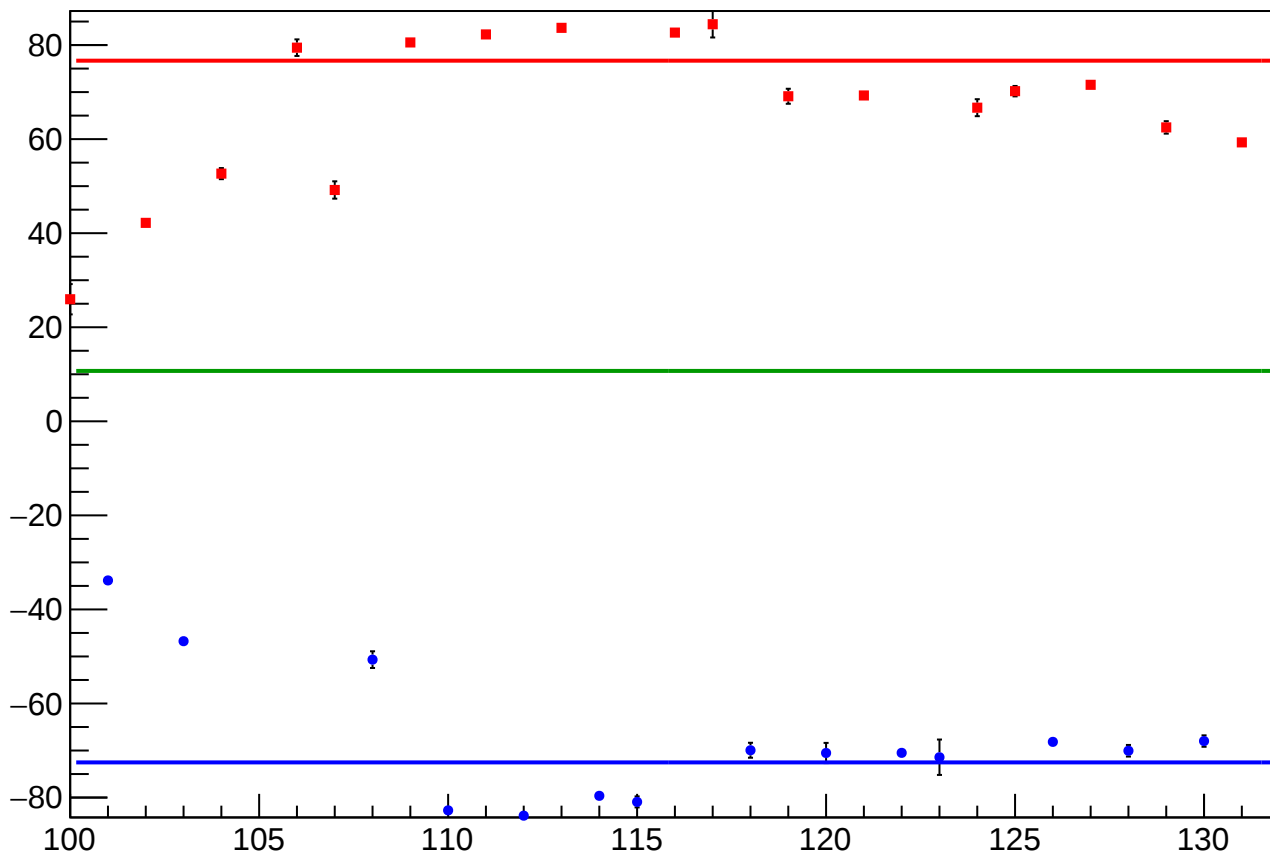
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.735 ± 0.128 χ^2/NDF : 667.4/14

-1.053 ± 0.089 χ^2/NDF : 15131.1/31

-11.075 ± 0.123 χ^2/NDF : 731.9/16

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.526+/-0.211 χ^2/NDF : 5488.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.681+/-0.188 χ^2/NDF : 3240.9/16

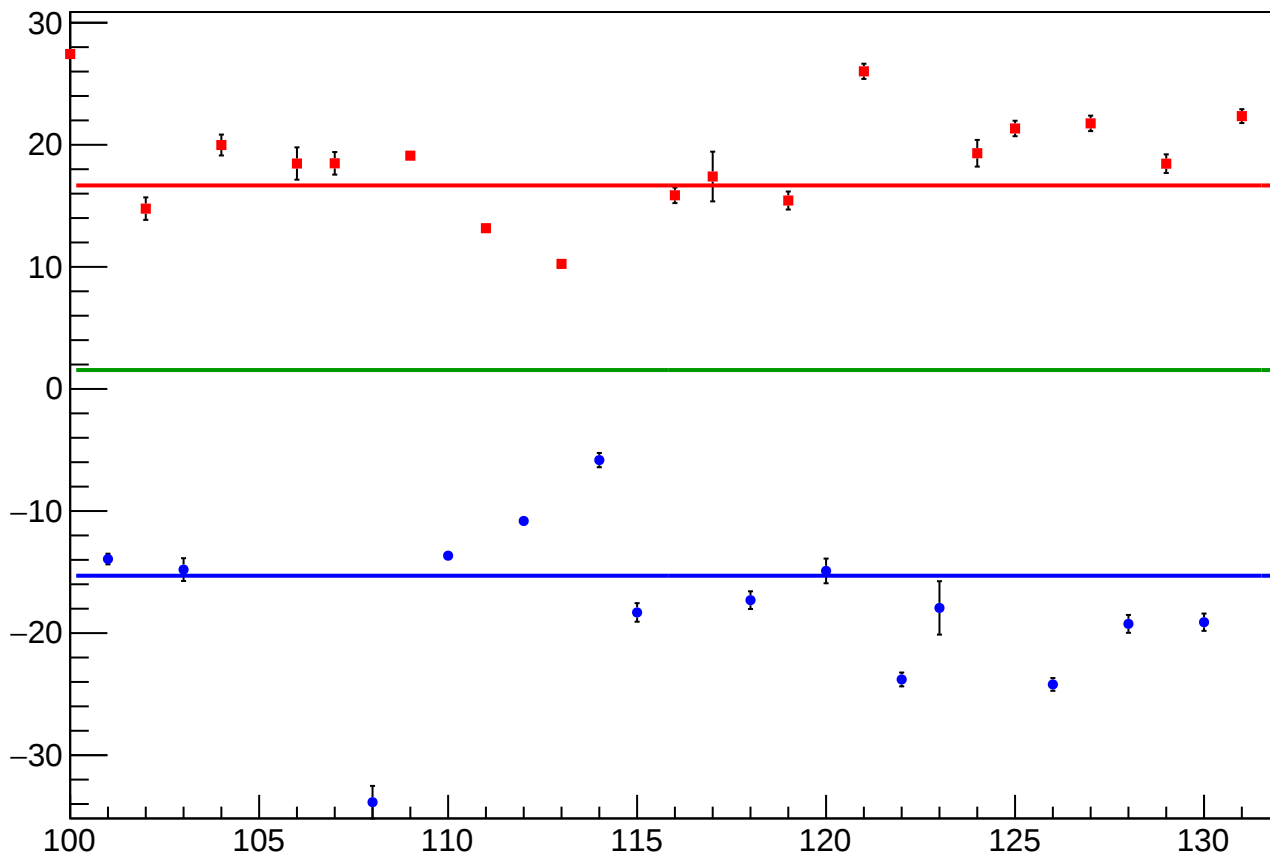
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-72.526+/-0.211 χ^2/NDF : 5488.4/14

10.713+/-0.140 χ^2/NDF : 287491.9/31

76.681+/-0.188 χ^2/NDF : 3240.9/16

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.299 ± 0.144 χ^2/NDF : 1343.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.671 ± 0.136 χ^2/NDF : 1113.4/16

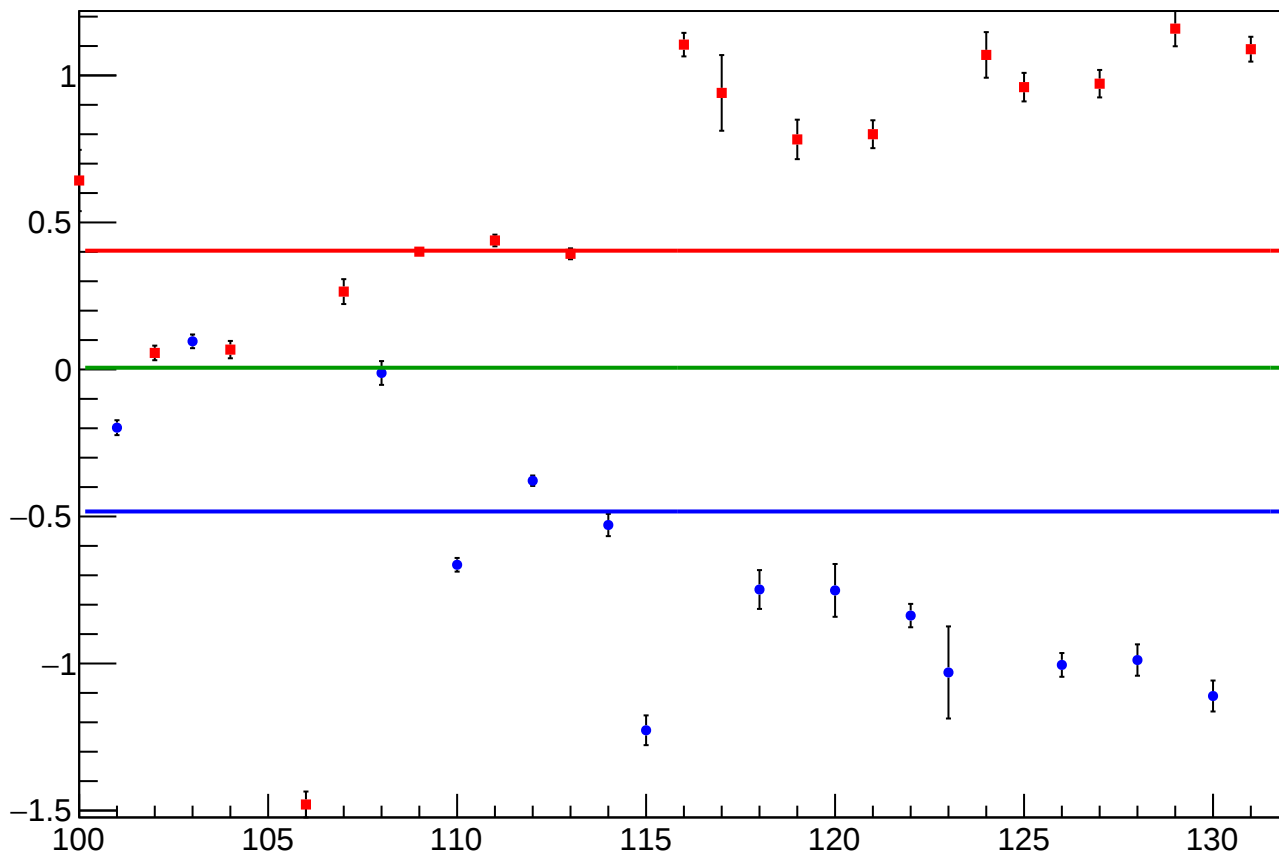
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.299 ± 0.144 χ^2/NDF : 1343.1/14

1.549 ± 0.099 χ^2/NDF : 28610.3/31

16.671 ± 0.136 χ^2/NDF : 1113.4/16

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.483+/-0.009 χ^2/NDF : 1968.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.404+/-0.008 χ^2/NDF : 3373.1/16

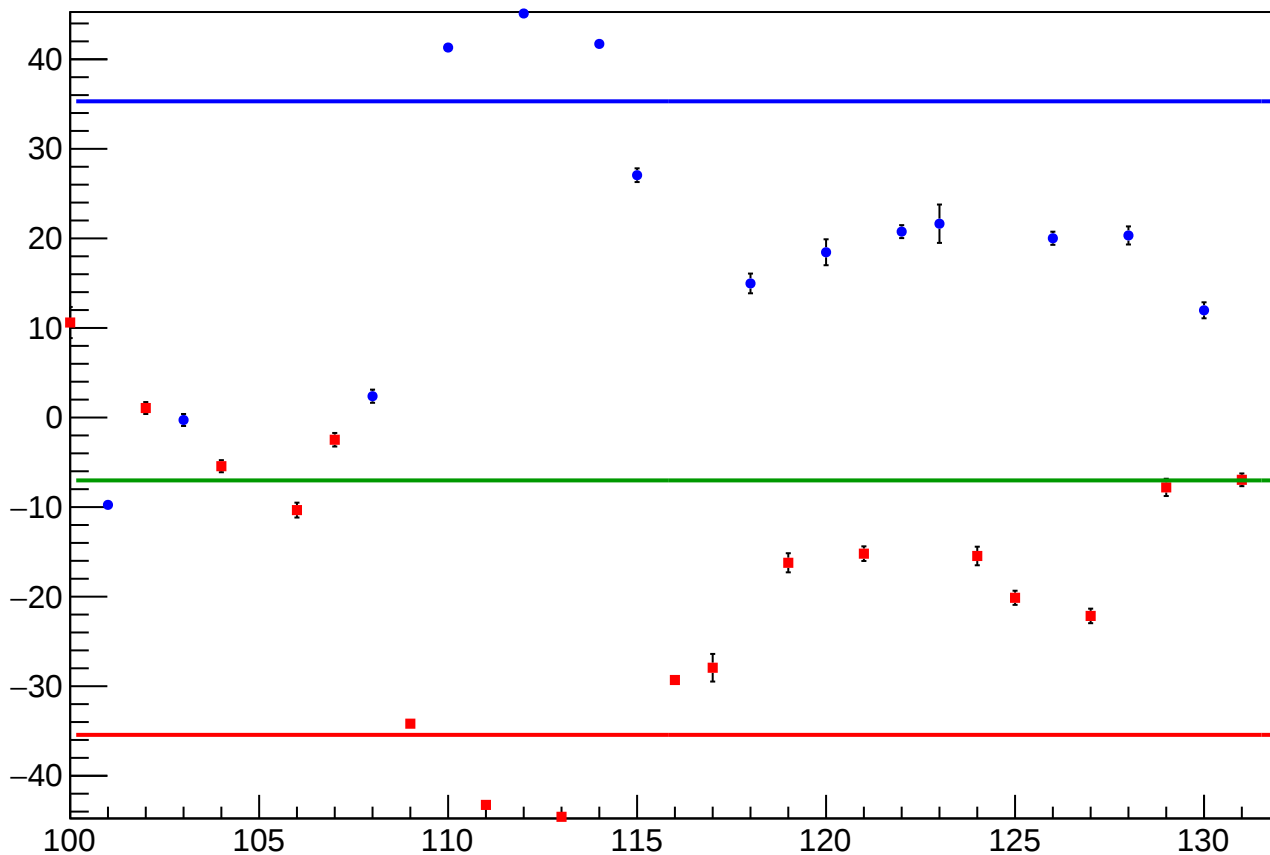
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.483+/-0.009 χ^2/NDF : 1968.4/14

0.006+/-0.006 χ^2/NDF : 11037.8/31

0.404+/-0.008 χ^2/NDF : 3373.1/16

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 35.307+/-0.107 χ^2/NDF : 22485.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.432+/-0.088 χ^2/NDF : 17608.5/16

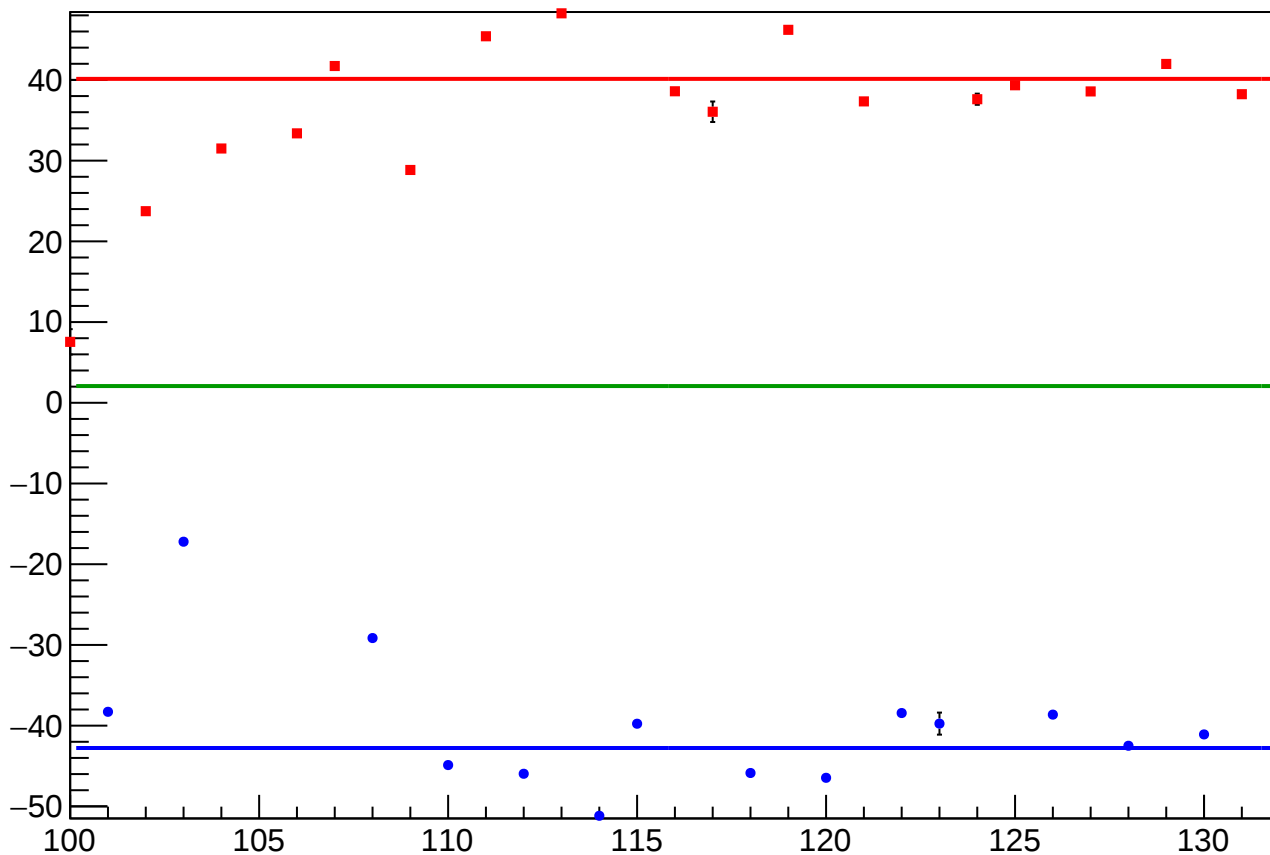
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.307+/-0.107 χ^2/NDF : 22485.2/14

-7.021+/-0.068 χ^2/NDF : 300484.0/31

-35.432+/-0.088 χ^2/NDF : 17608.5/16

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.769+/-0.082 χ^2/NDF : 5550.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.130+/-0.075 χ^2/NDF : 10810.3/16

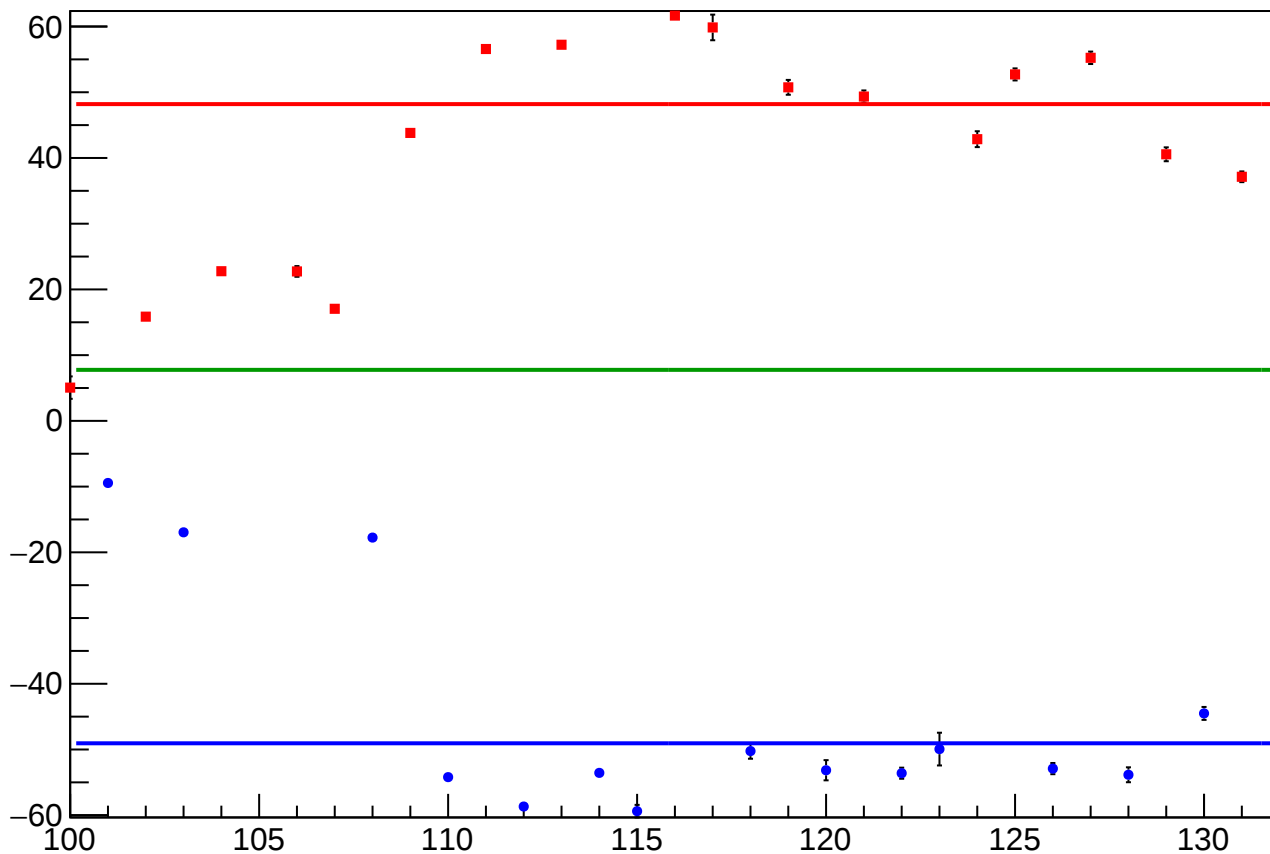
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-42.769+/-0.082 χ^2/NDF : 5550.7/14

2.073+/-0.055 χ^2/NDF : 574357.4/31

40.130+/-0.075 χ^2/NDF : 10810.3/16

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.056 $\pm$ 0.130 χ^2 /NDF: 14580.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.195 $\pm$ 0.109 χ^2 /NDF: 11570.6/16

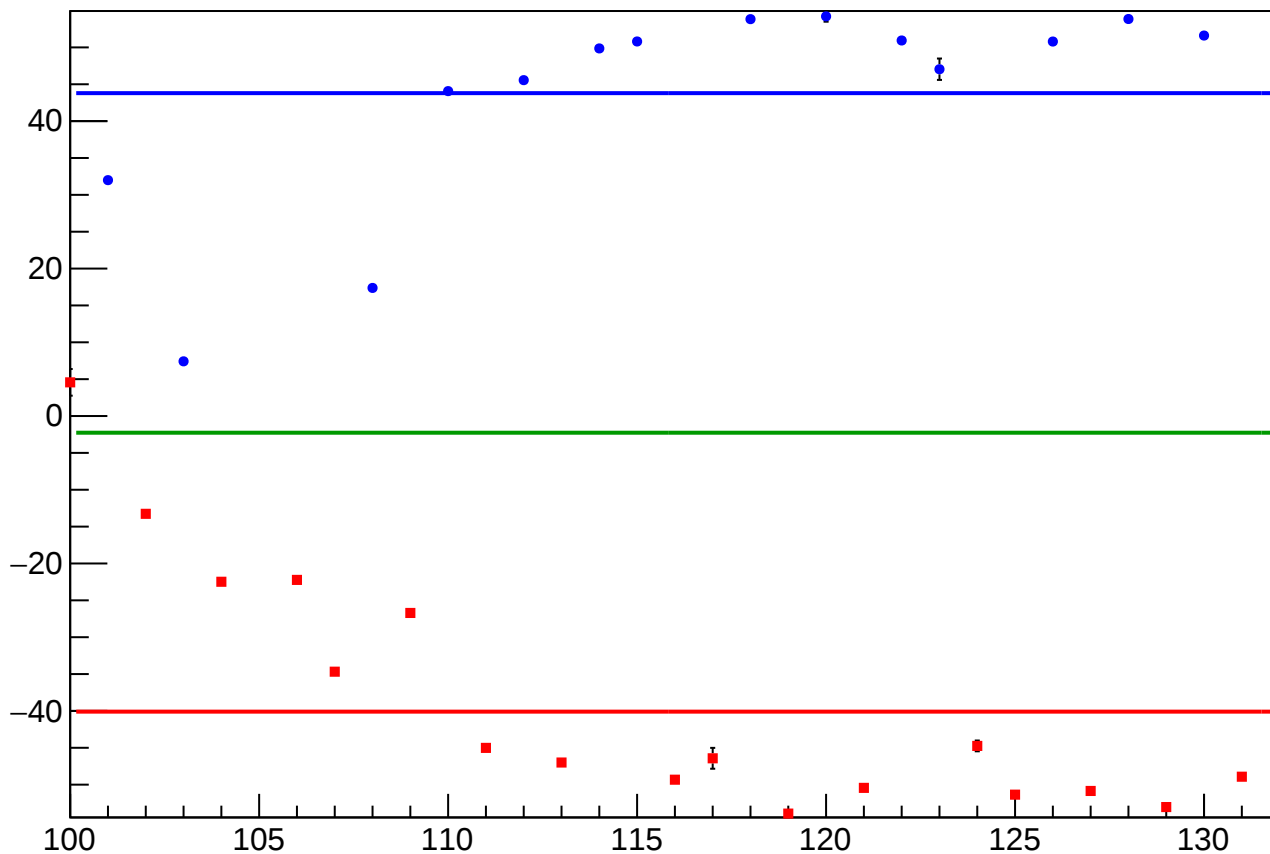
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-49.056 $\pm$ 0.130 χ^2 /NDF: 14580.8/14

7.762 $\pm$ 0.084 χ^2 /NDF: 354451.1/31

48.195 $\pm$ 0.109 χ^2 /NDF: 11570.6/16

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.795+/-0.092 χ^2/NDF : 9971.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.096+/-0.083 χ^2/NDF : 16375.4/16

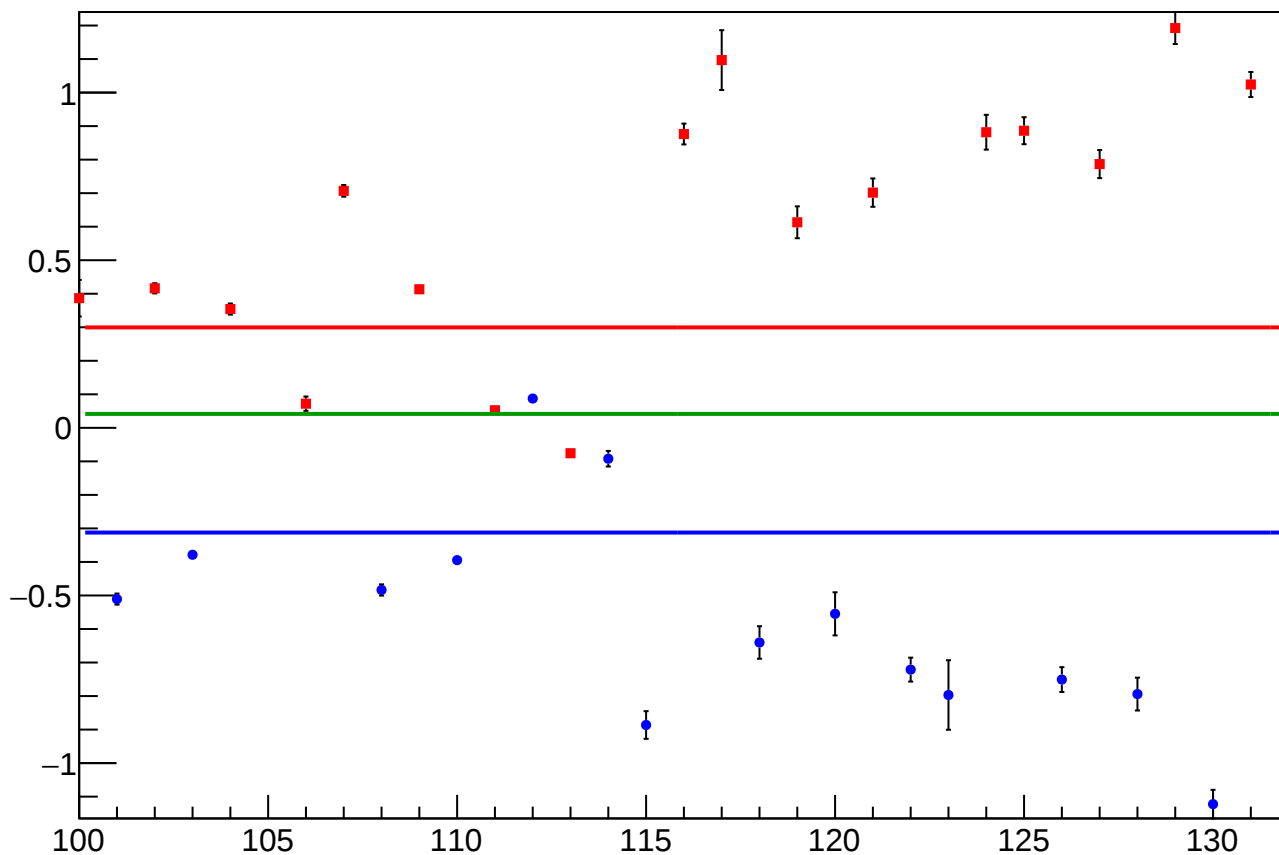
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.795+/-0.092 χ^2/NDF : 9971.1/14

-2.263+/-0.062 χ^2/NDF : 486877.4/31

-40.096+/-0.083 χ^2/NDF : 16375.4/16

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.312 ± 0.005 χ^2/NDF : 3449.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.300 ± 0.005 χ^2/NDF : 4476.1/16

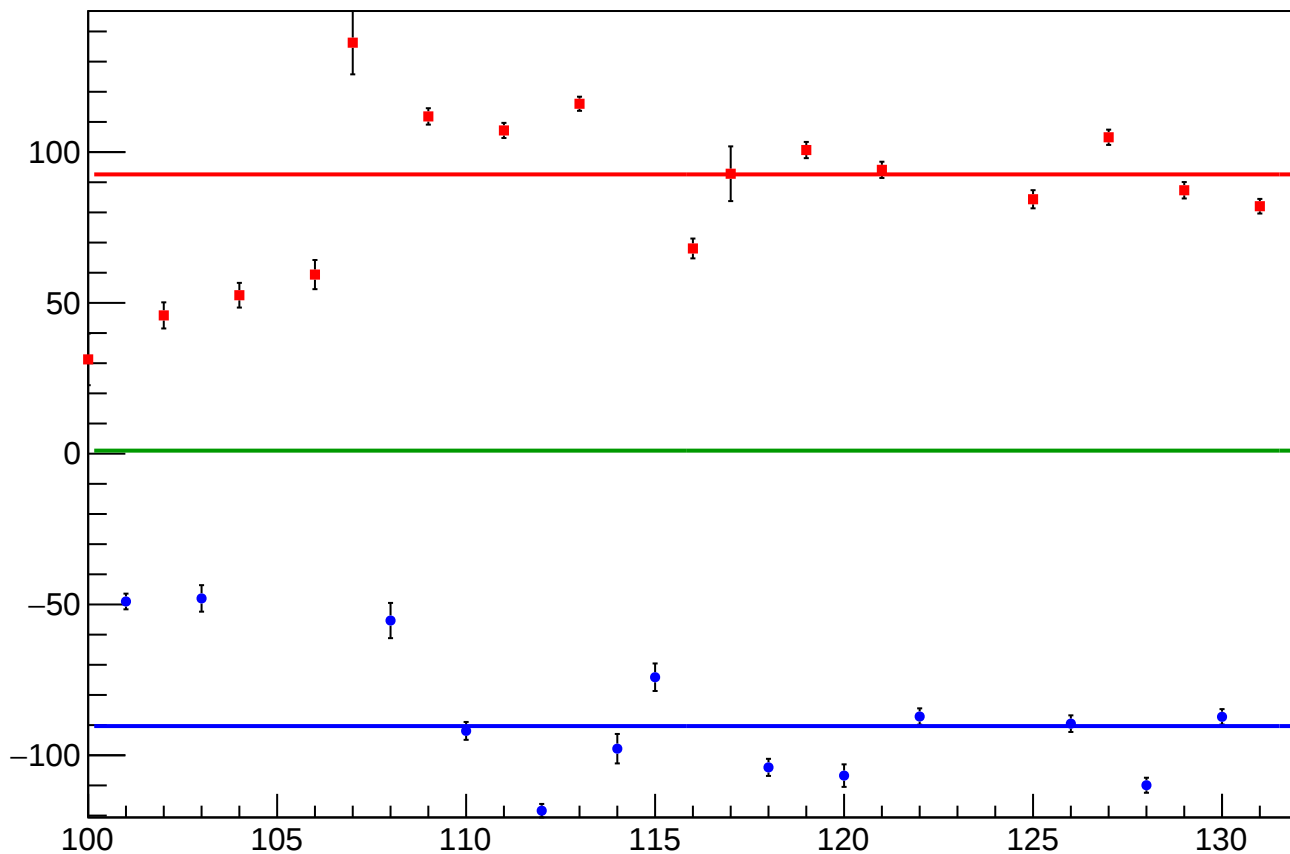
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.312 ± 0.005 χ^2/NDF : 3449.9/14

0.042 ± 0.003 χ^2/NDF : 15602.3/31

0.300 ± 0.005 χ^2/NDF : 4476.1/16

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -90.320 ± 0.788 χ^2/NDF : 665.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 92.604 ± 0.789 χ^2/NDF : 631.0/15

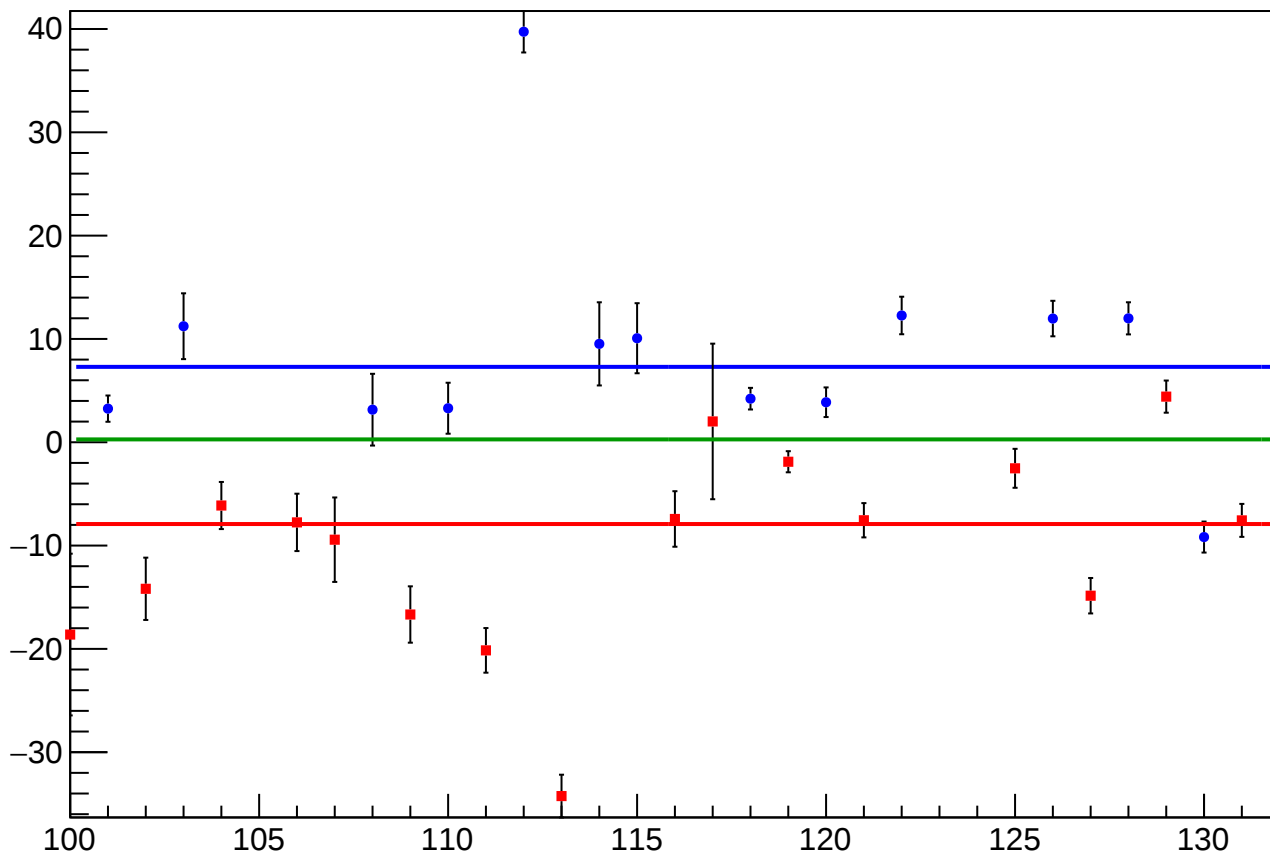
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-90.320 ± 0.788 χ^2/NDF : 665.7/13

1.011 ± 0.557 χ^2/NDF : 28225.2/29

92.604 ± 0.789 χ^2/NDF : 631.0/15

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.298+/-0.463 χ^2/NDF : 442.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.916+/-0.500 χ^2/NDF : 335.2/15

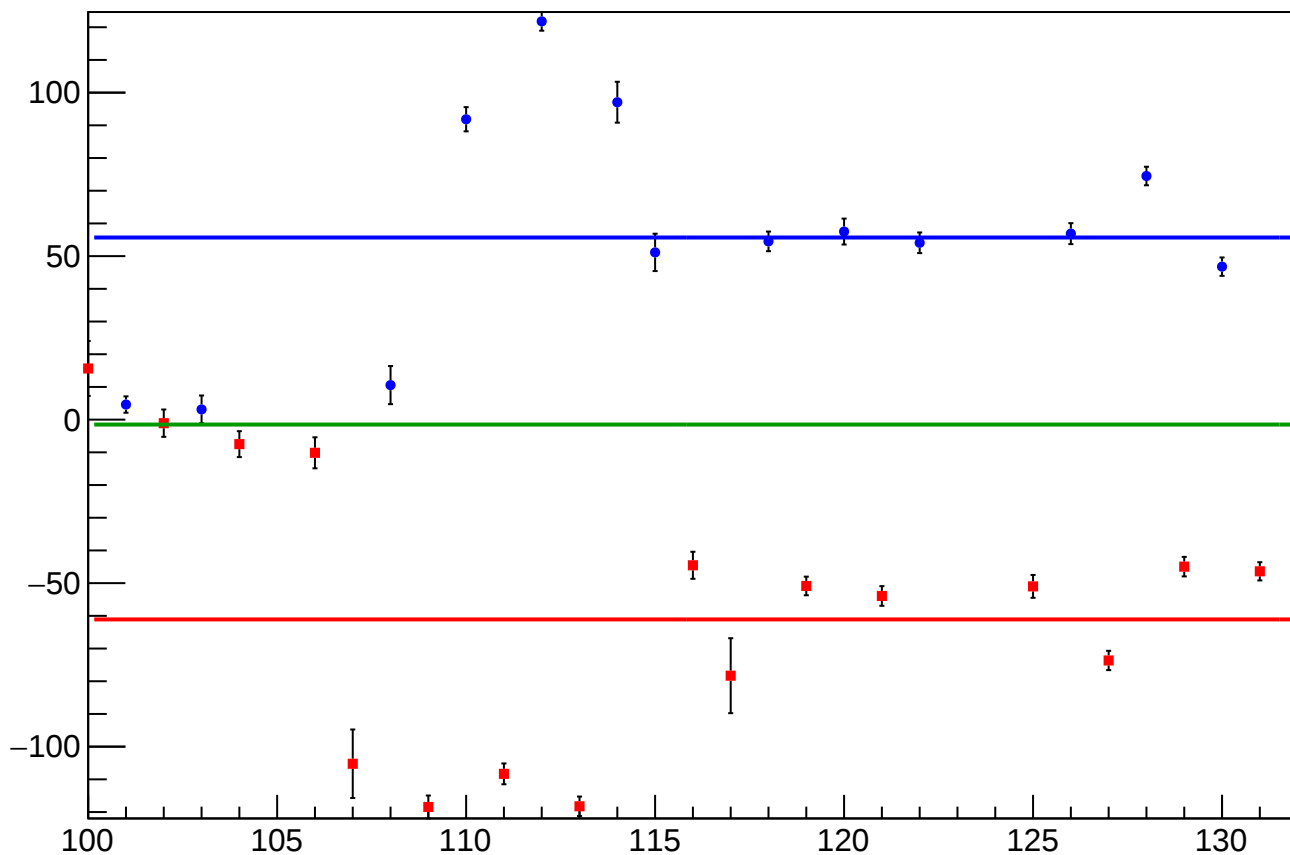
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.298+/-0.463 χ^2/NDF : 442.2/13

0.276+/-0.340 χ^2/NDF : 1275.2/29

-7.916+/-0.500 χ^2/NDF : 335.2/15

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.695+/-0.887 χ^2/NDF : 1360.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.095+/-0.906 χ^2/NDF : 1582.3/15

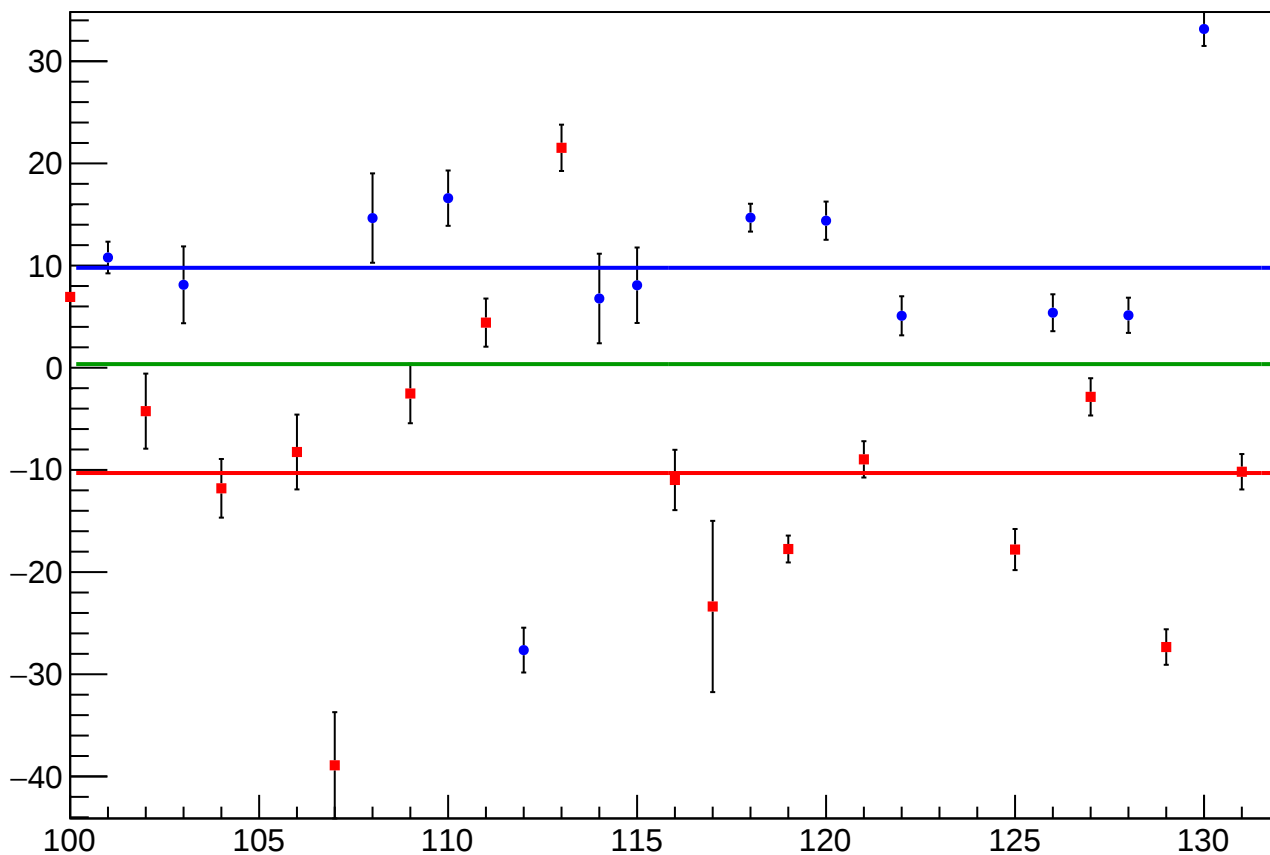
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

55.695+/-0.887 χ^2/NDF : 1360.8/13

-1.503+/-0.634 χ^2/NDF : 11425.1/29

-61.095+/-0.906 χ^2/NDF : 1582.3/15

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.782 $\pm$ 0.539 χ^2/NDF : 544.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -10.303 $\pm$ 0.573 χ^2/NDF : 442.2/15

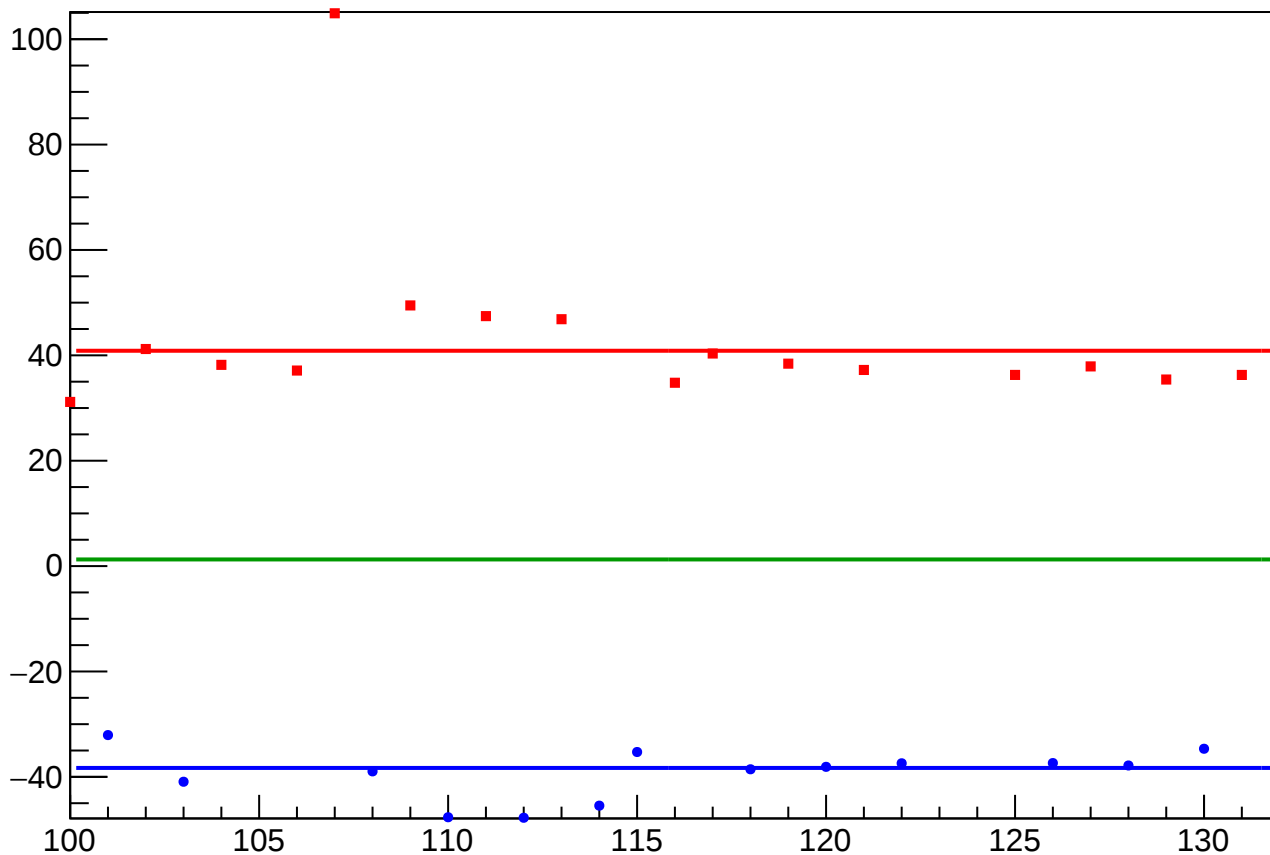
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.782 $\pm$ 0.539 χ^2/NDF : 544.6/13

0.356 $\pm$ 0.392 χ^2/NDF : 1639.1/29

-10.303 $\pm$ 0.573 χ^2/NDF : 442.2/15

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.306 $\pm$ 0.035 χ^2 /NDF: 15135.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.871 $\pm$ 0.035 χ^2 /NDF: 87156.9/15

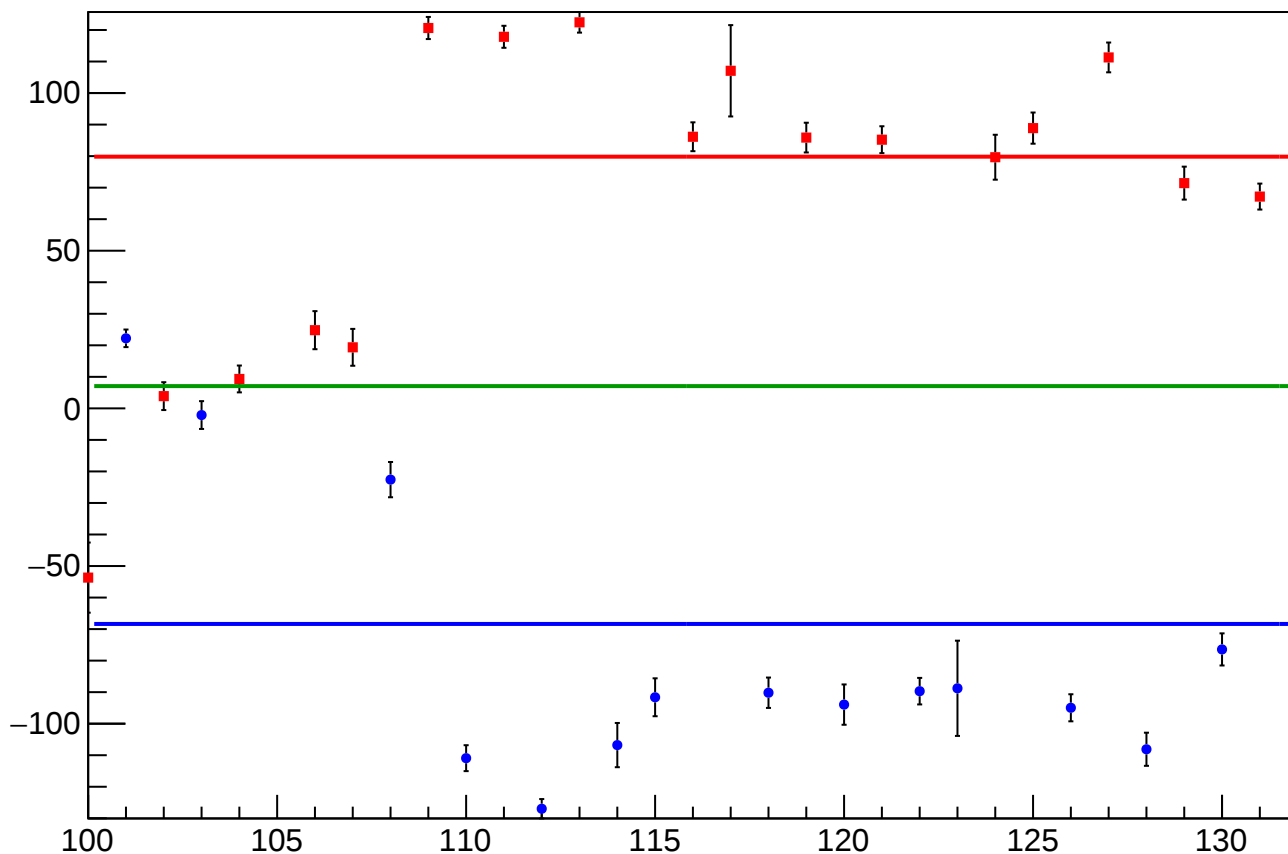
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.306 $\pm$ 0.035 χ^2 /NDF: 15135.8/13

1.263 $\pm$ 0.025 χ^2 /NDF: 2646812.4/29

40.871 $\pm$ 0.035 χ^2 /NDF: 87156.9/15

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -68.369+/-1.152 χ^2/NDF : 2027.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.827+/-1.131 χ^2/NDF : 1396.6/16

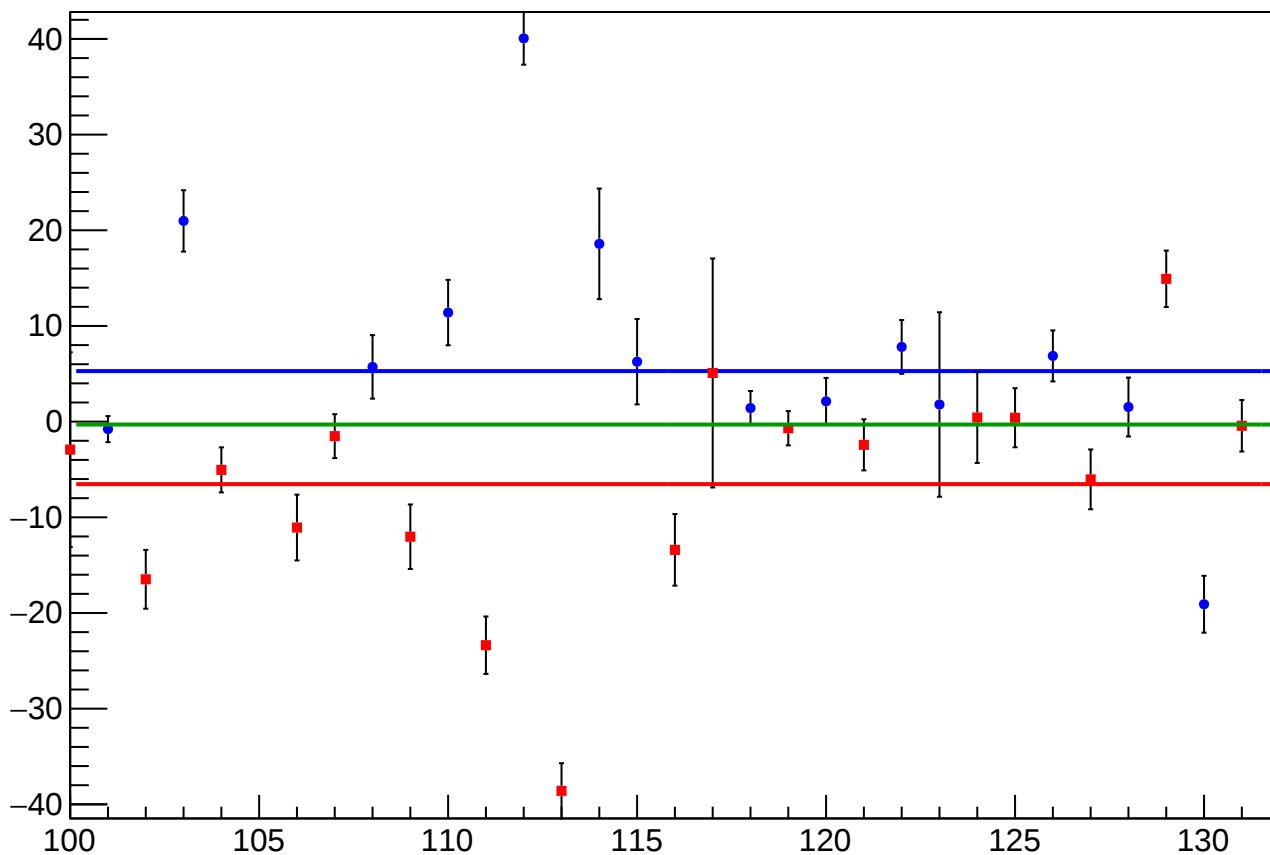
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.369+/-1.152 χ^2/NDF : 2027.8/14

7.062+/-0.807 χ^2/NDF : 11854.0/31

79.827+/-1.131 χ^2/NDF : 1396.6/16

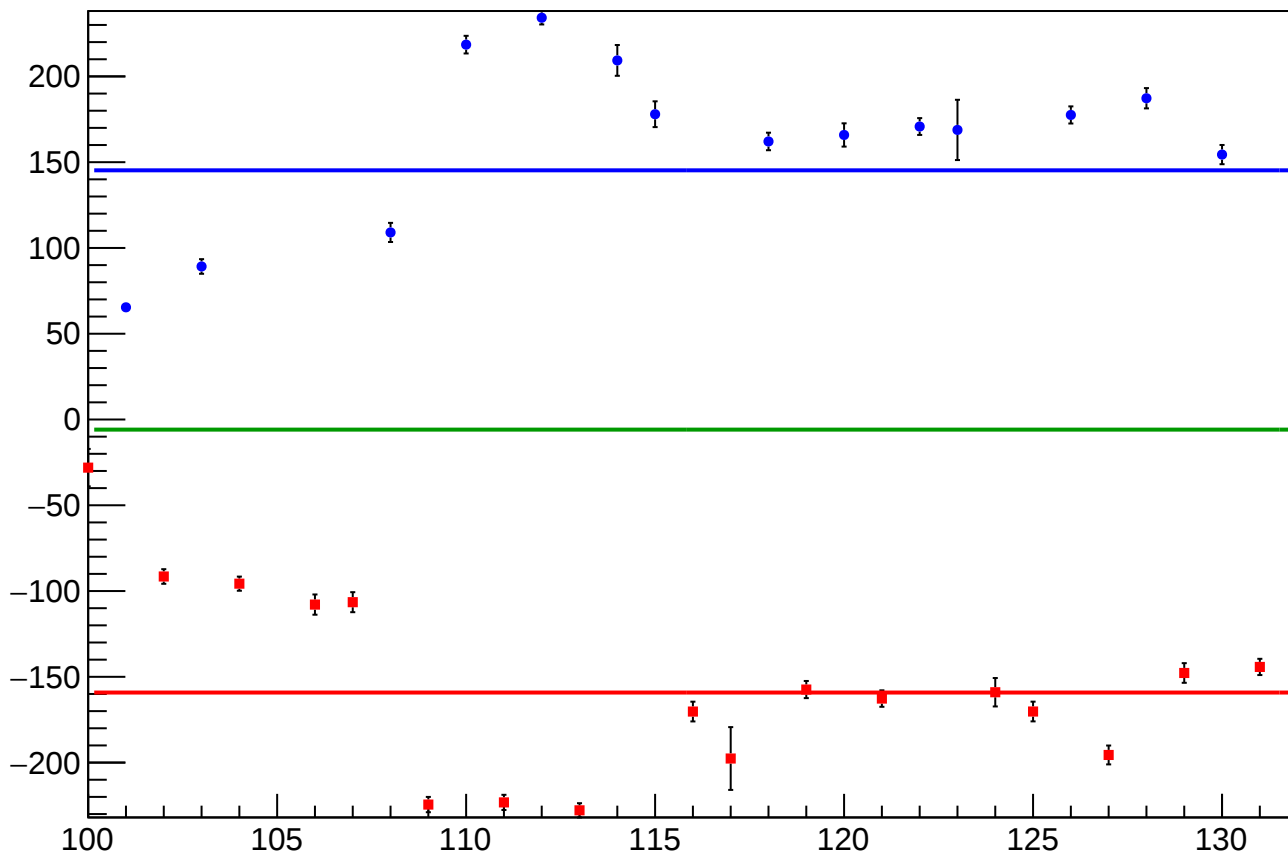
reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.283 $\pm$ 0.683 χ^2 /NDF: 290.5/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -6.532 $\pm$ 0.721 χ^2 /NDF: 257.4/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

5.283 $\pm$ 0.683 χ^2 /NDF: 290.5/14
 -0.304 $\pm$ 0.496 χ^2 /NDF: 689.5/31
 -6.532 $\pm$ 0.721 χ^2 /NDF: 257.4/16

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 145.256+/-1.272 χ^2/NDF : 2034.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.169+/-1.281 χ^2/NDF : 1557.6/16

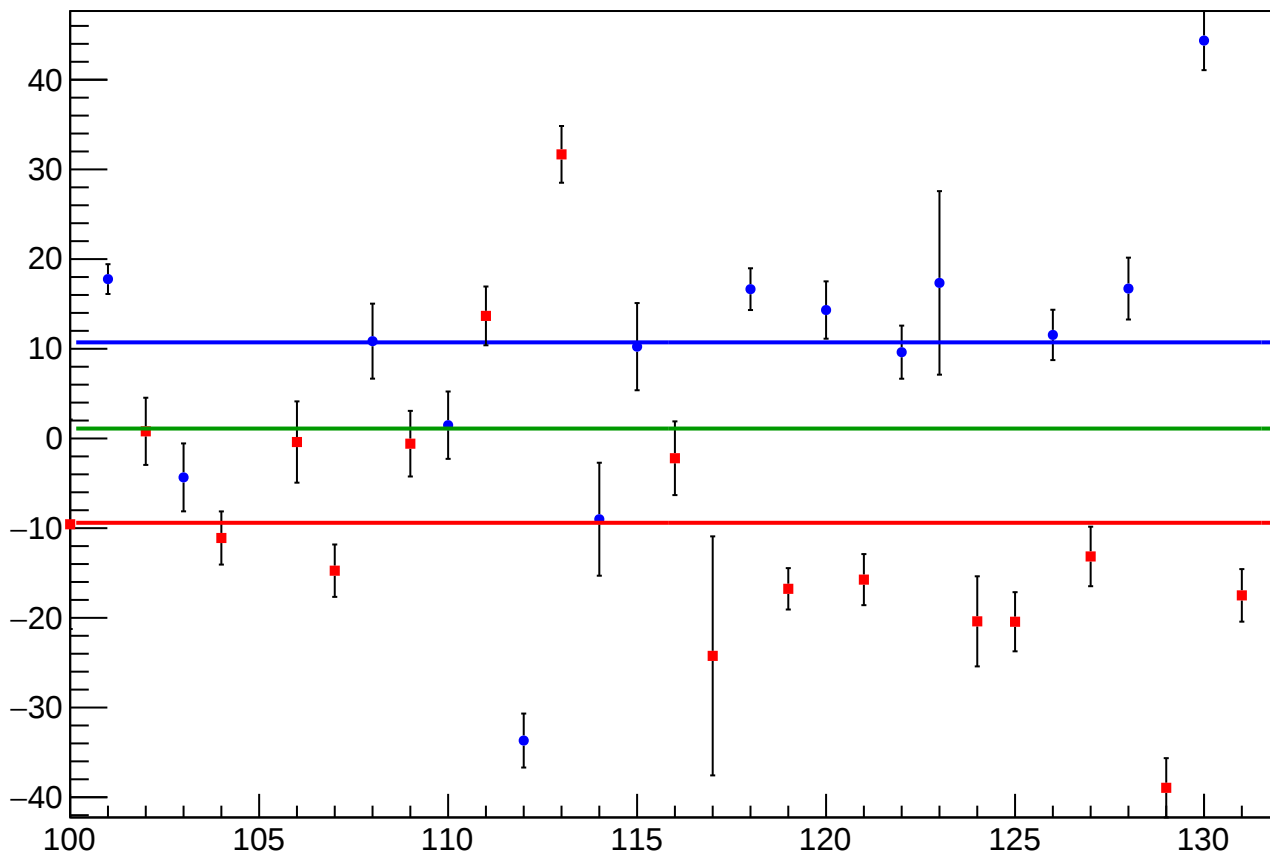
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.256+/-1.272 χ^2/NDF : 2034.3/14

-5.895+/-0.903 χ^2/NDF : 32024.3/31

-159.169+/-1.281 χ^2/NDF : 1557.6/16

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.716 ± 0.799 χ^2/NDF : 385.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.402 ± 0.835 χ^2/NDF : 363.3/16

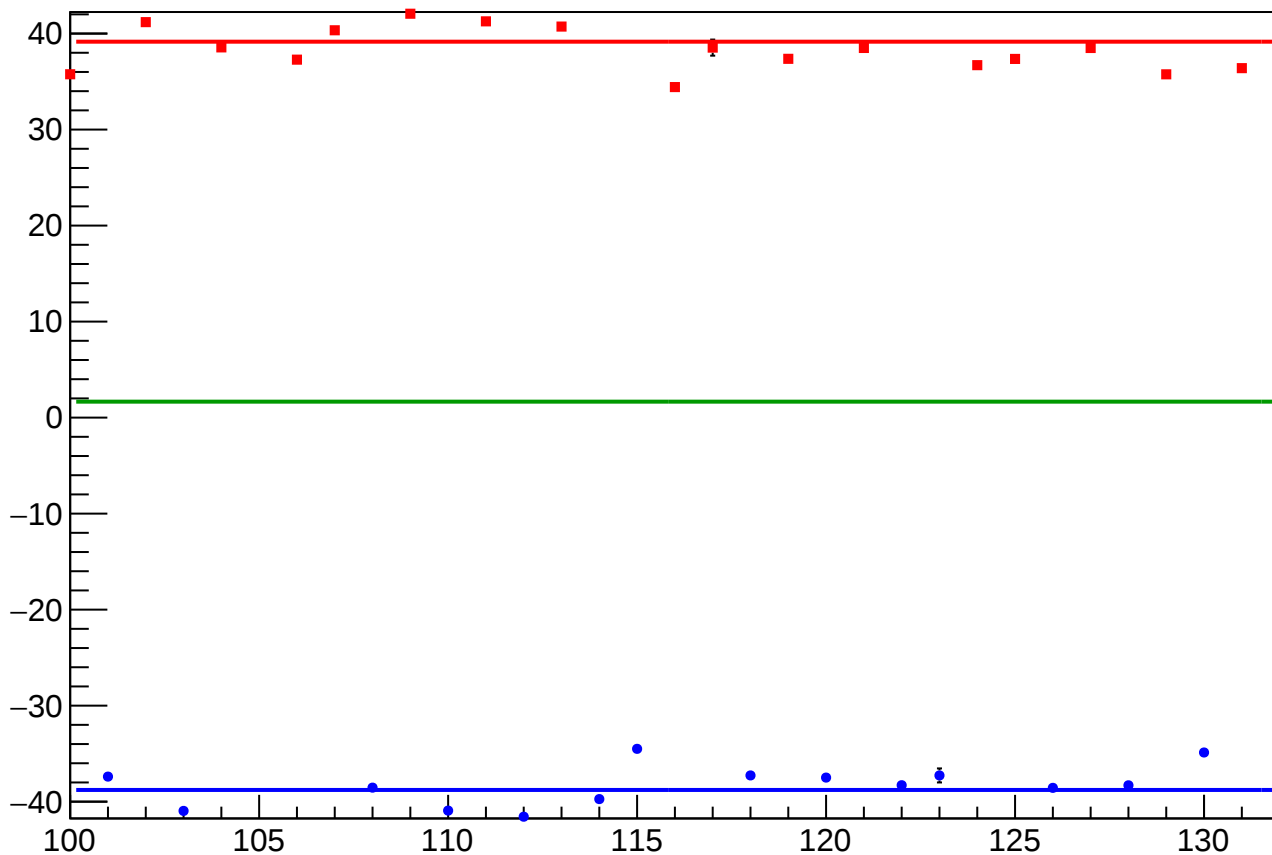
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.716 ± 0.799 χ^2/NDF : 385.4/14

1.106 ± 0.577 χ^2/NDF : 1051.5/31

-9.402 ± 0.835 χ^2/NDF : 363.3/16

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.781 $\pm$ 0.046 χ^2 /NDF: 1569.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.154 $\pm$ 0.044 χ^2 /NDF: 2054.8/16

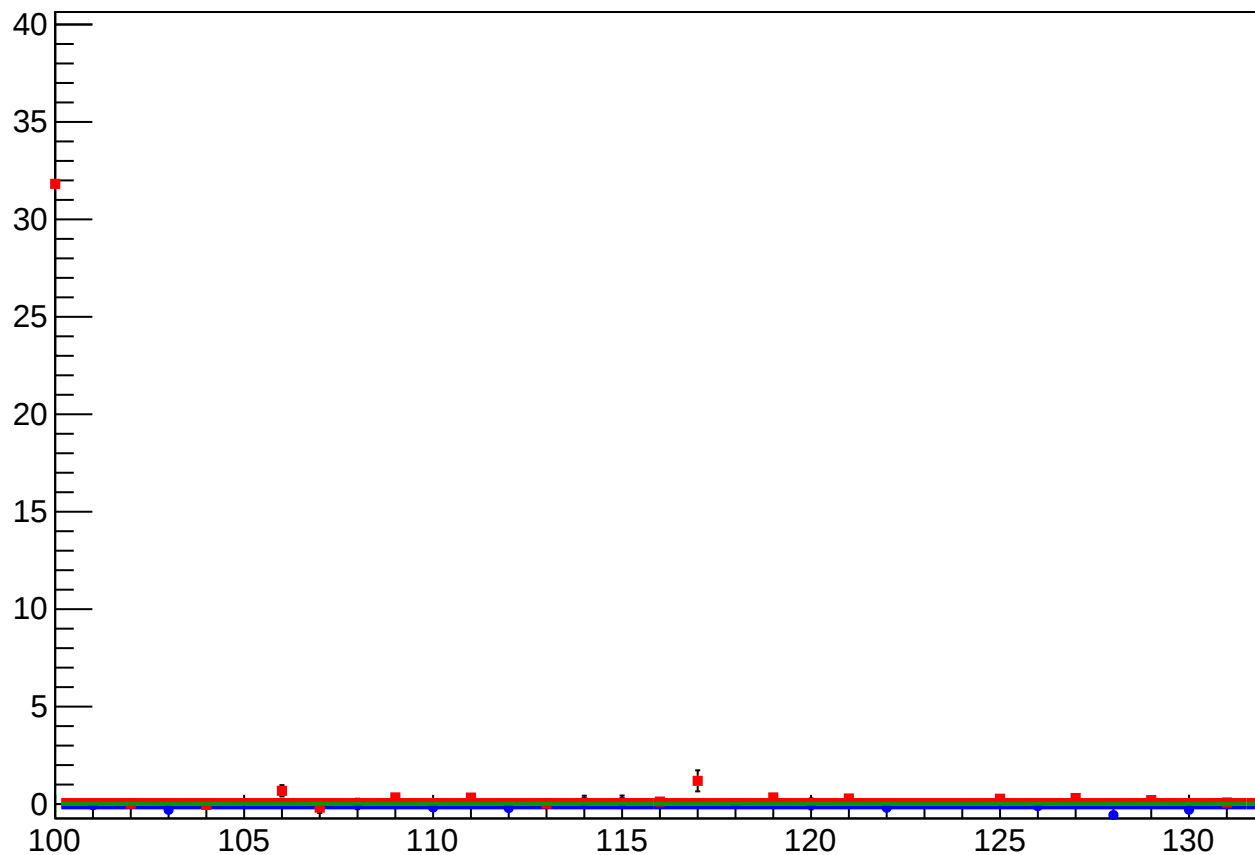
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.781 $\pm$ 0.046 χ^2 /NDF: 1569.0/14

1.662 $\pm$ 0.032 χ^2 /NDF: 1506350.4/31

39.154 $\pm$ 0.044 χ^2 /NDF: 2054.8/16

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.170 ± 0.051 χ^2/NDF : 10.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.208 ± 0.052 χ^2/NDF : 27.6/15

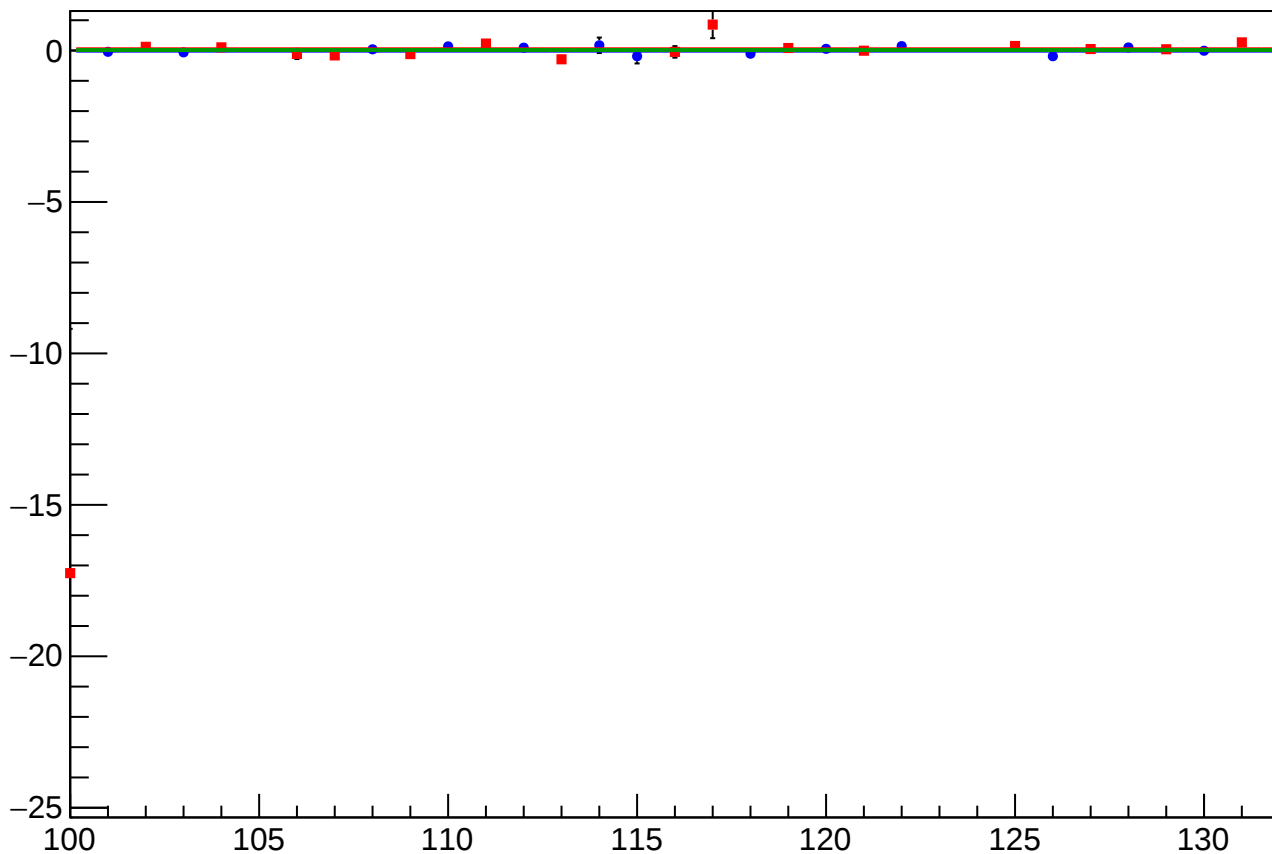
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.170 ± 0.051 χ^2/NDF : 10.2/13

0.017 ± 0.036 χ^2/NDF : 64.8/29

0.208 ± 0.052 χ^2/NDF : 27.6/15

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.003 ± 0.030 $\chi^2/\text{NDF}: 9.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.041 ± 0.033 $\chi^2/\text{NDF}: 26.8/15$

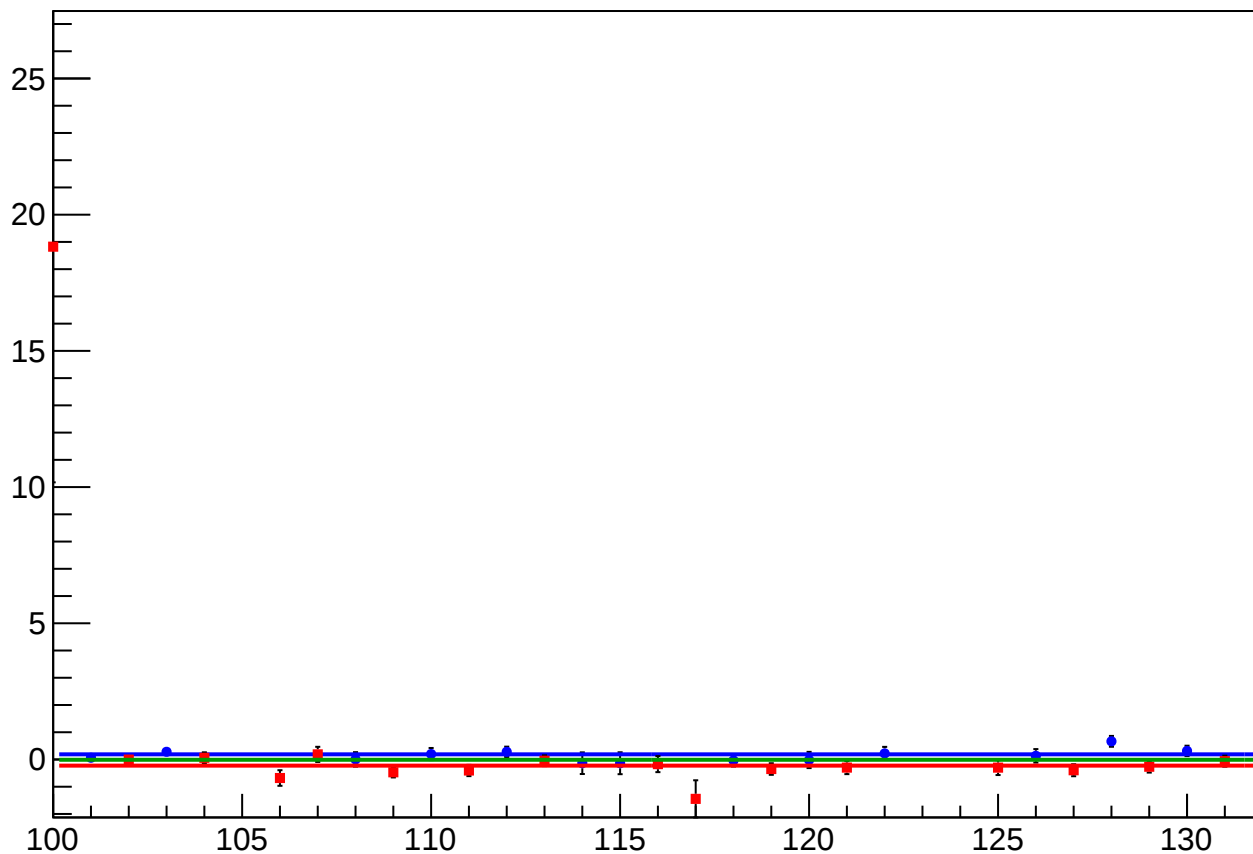
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.003 ± 0.030 $\chi^2/\text{NDF}: 9.4/13$

0.017 ± 0.022 $\chi^2/\text{NDF}: 37.2/29$

0.041 ± 0.033 $\chi^2/\text{NDF}: 26.8/15$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.189 ± 0.057 χ^2/NDF : 11.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.226 ± 0.059 χ^2/NDF : 21.4/15

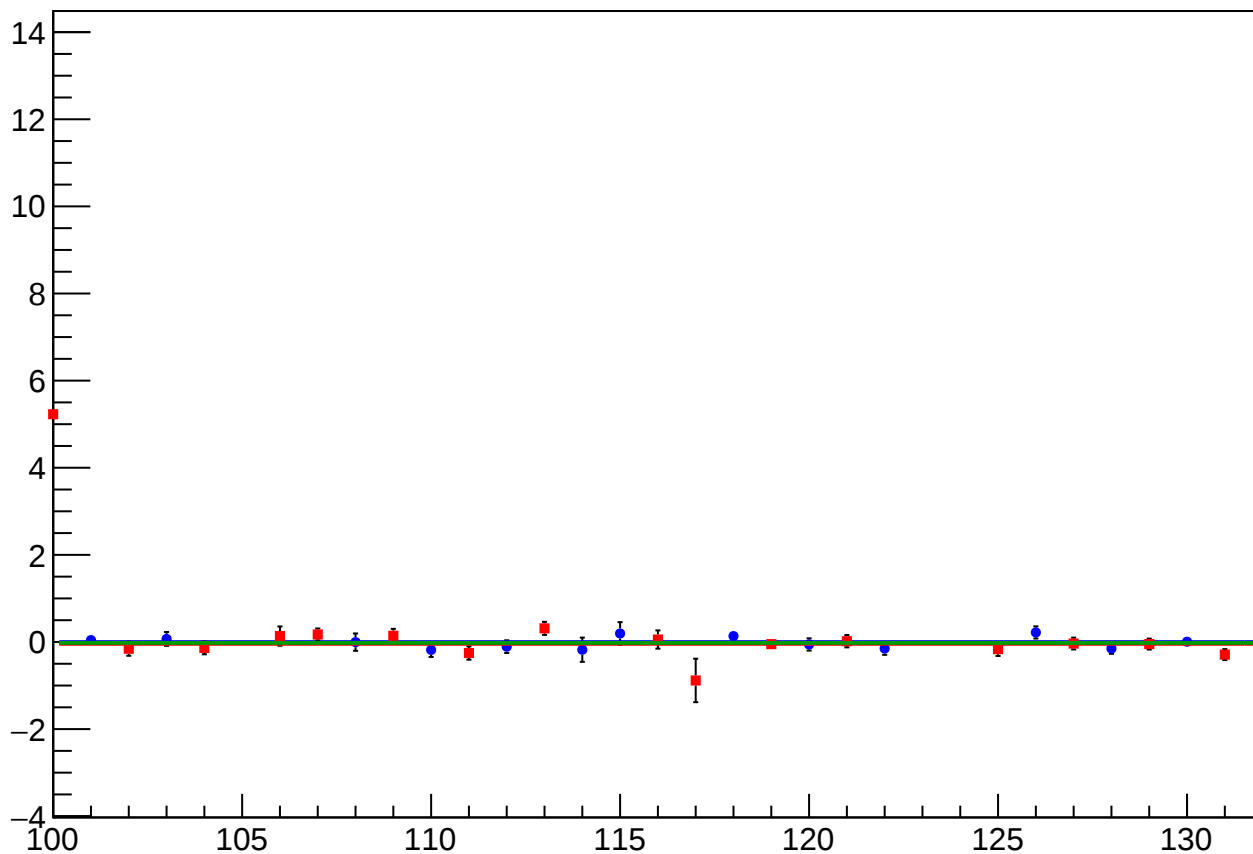
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.189 ± 0.057 χ^2/NDF : 11.0/13

-0.011 ± 0.041 χ^2/NDF : 58.3/29

-0.226 ± 0.059 χ^2/NDF : 21.4/15

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.004 ± 0.036 χ^2/NDF : 10.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.041 ± 0.038 χ^2/NDF : 20.9/15

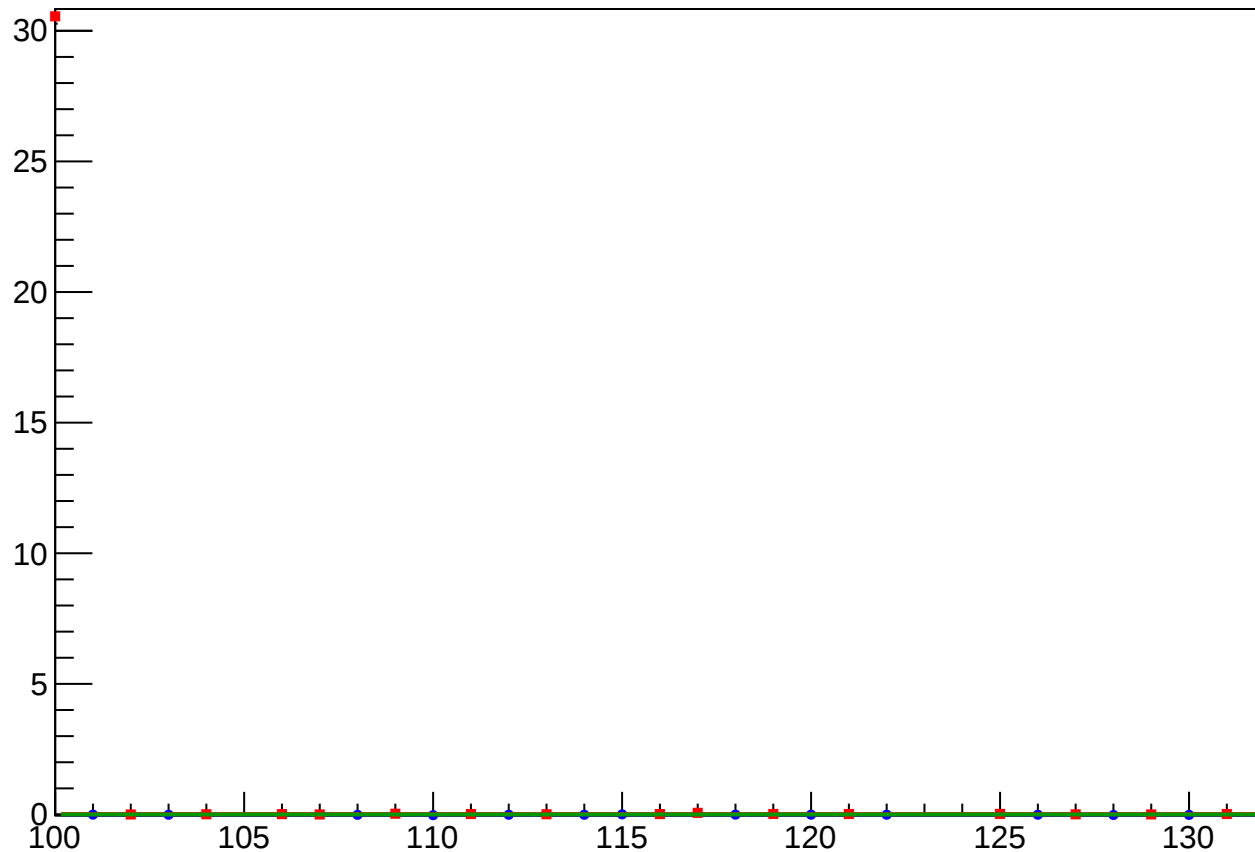
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.004 ± 0.036 χ^2/NDF : 10.8/13

-0.021 ± 0.026 χ^2/NDF : 32.2/29

-0.041 ± 0.038 χ^2/NDF : 20.9/15

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected

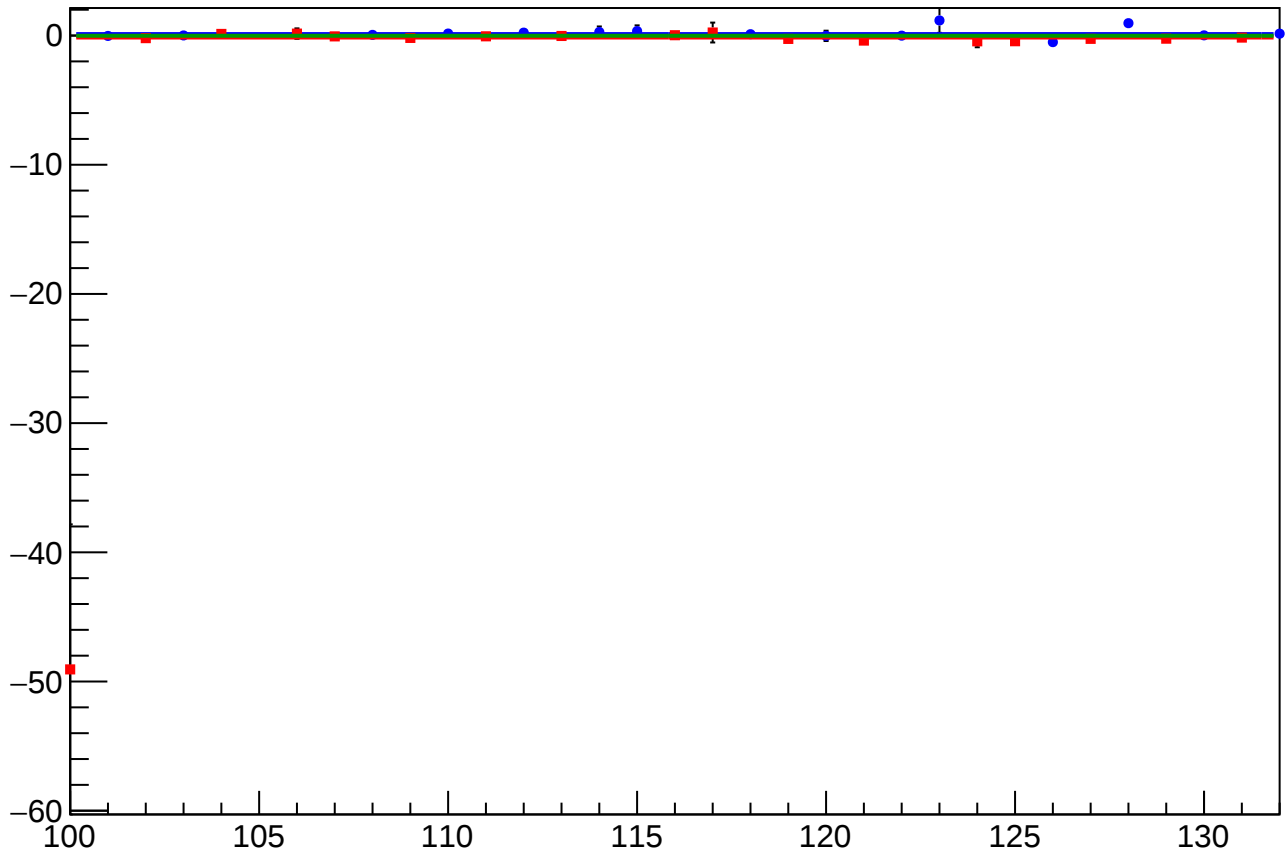


-0.010 $\pm$ 0.002 χ^2 /NDF: 6.3/13

0.001 $\pm$ 0.001 χ^2 /NDF: 11955.4/29

0.012 $\pm$ 0.002 χ^2 /NDF: 11888.4/15

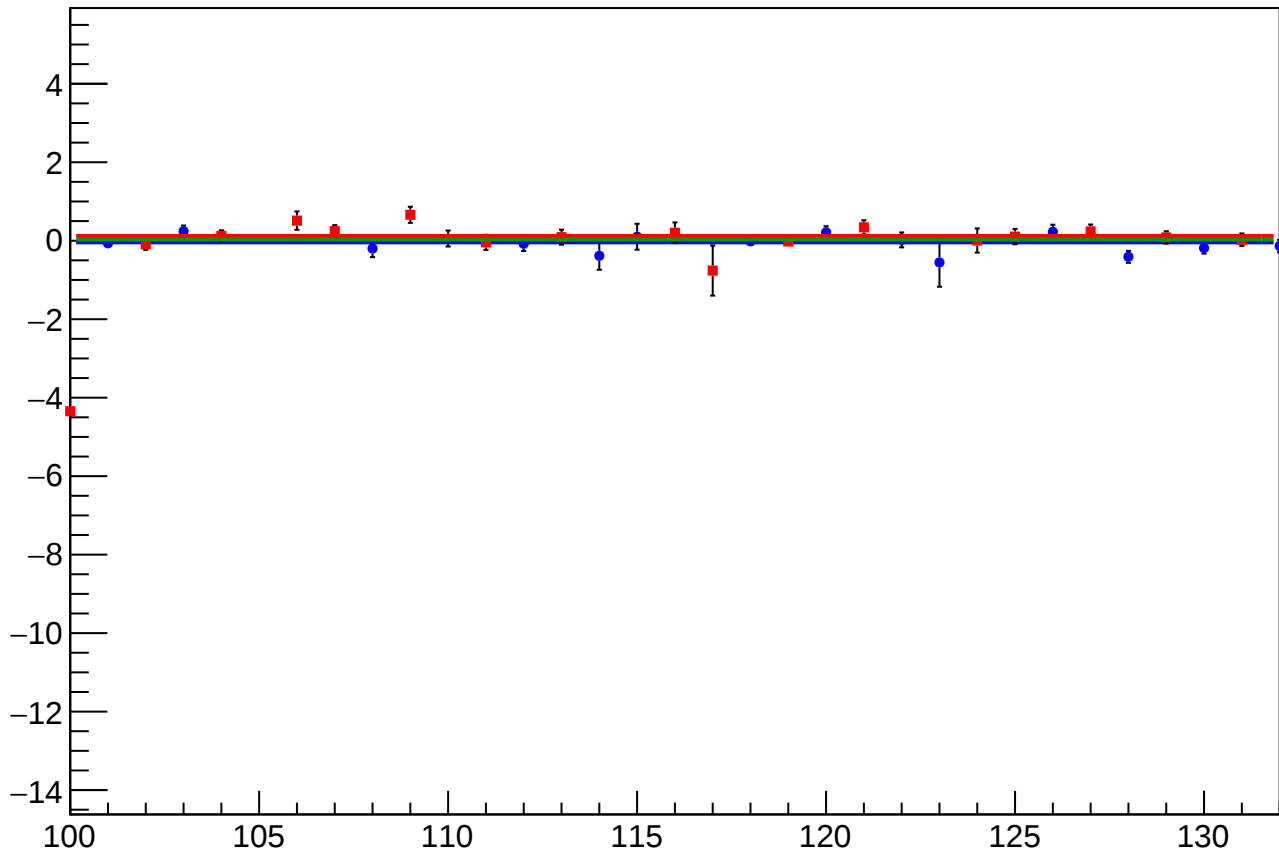
reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.114 $\pm$ 0.066 χ^2 /NDF: 20.4/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.151 $\pm$ 0.068 χ^2 /NDF: 24.2/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.114 $\pm$ 0.066 χ^2 /NDF: 20.4/14
 -0.014 $\pm$ 0.048 χ^2 /NDF: 52.4/31
 -0.151 $\pm$ 0.068 χ^2 /NDF: 24.2/16

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.041 ± 0.039 χ^2/NDF : 19.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.121 ± 0.044 χ^2/NDF : 19.8/16

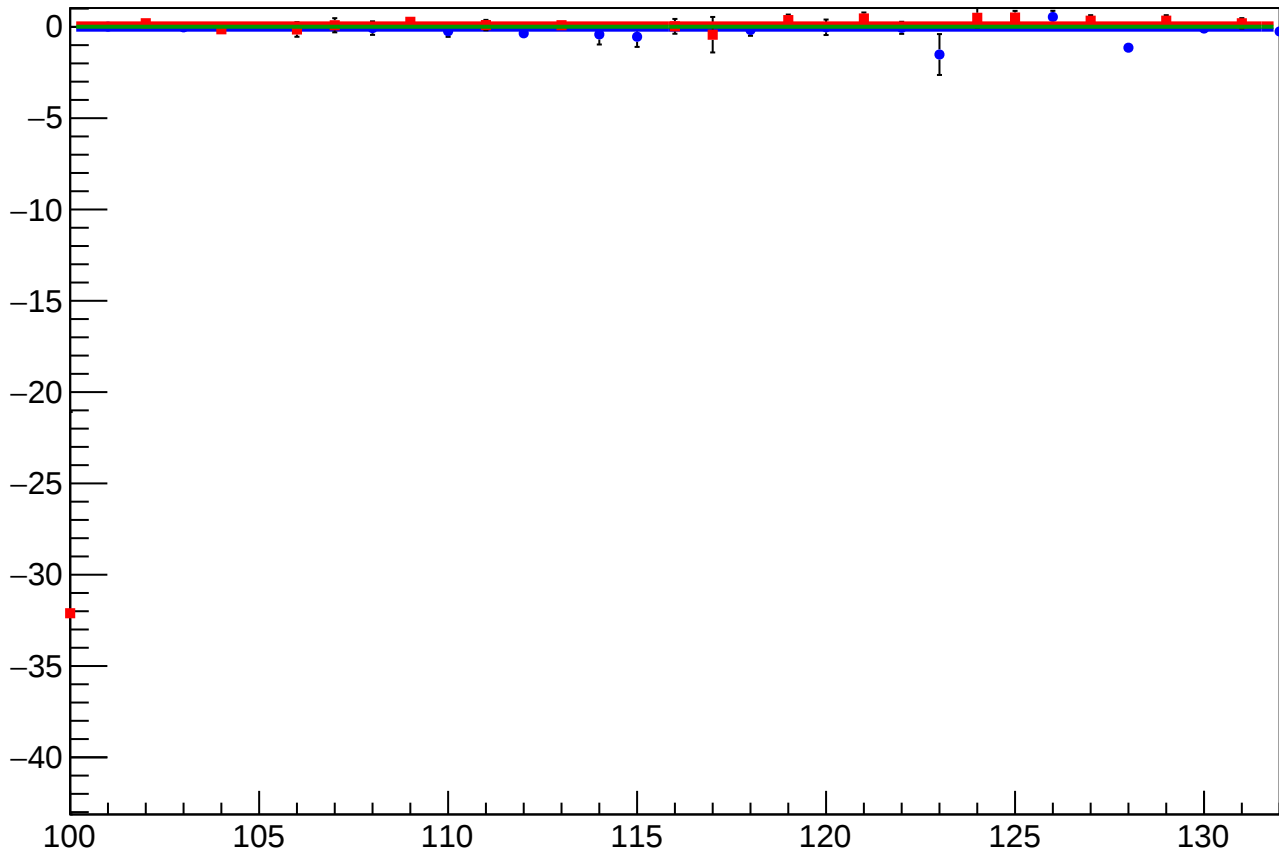
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.041 ± 0.039 χ^2/NDF : 19.0/14

0.031 ± 0.029 χ^2/NDF : 46.5/31

0.121 ± 0.044 χ^2/NDF : 19.8/16

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.154 ± 0.072 $\chi^2/\text{NDF}: 22.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.192 ± 0.077 $\chi^2/\text{NDF}: 14.7/16$

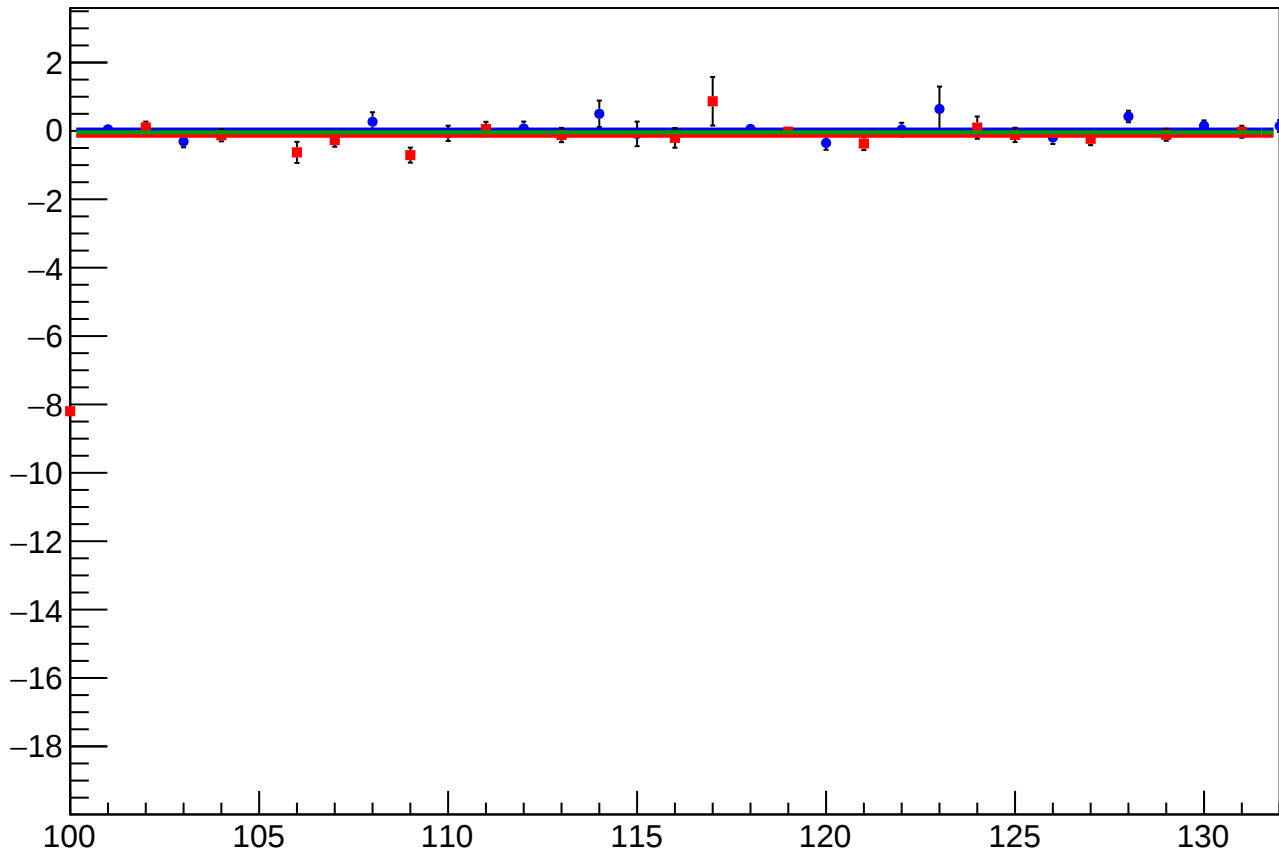
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.154 ± 0.072 $\chi^2/\text{NDF}: 22.2/14$

0.008 ± 0.052 $\chi^2/\text{NDF}: 47.7/31$

0.192 ± 0.077 $\chi^2/\text{NDF}: 14.7/16$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.046 χ^2 /NDF: 18.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.142 $\pm$ 0.051 χ^2 /NDF: 18.4/16

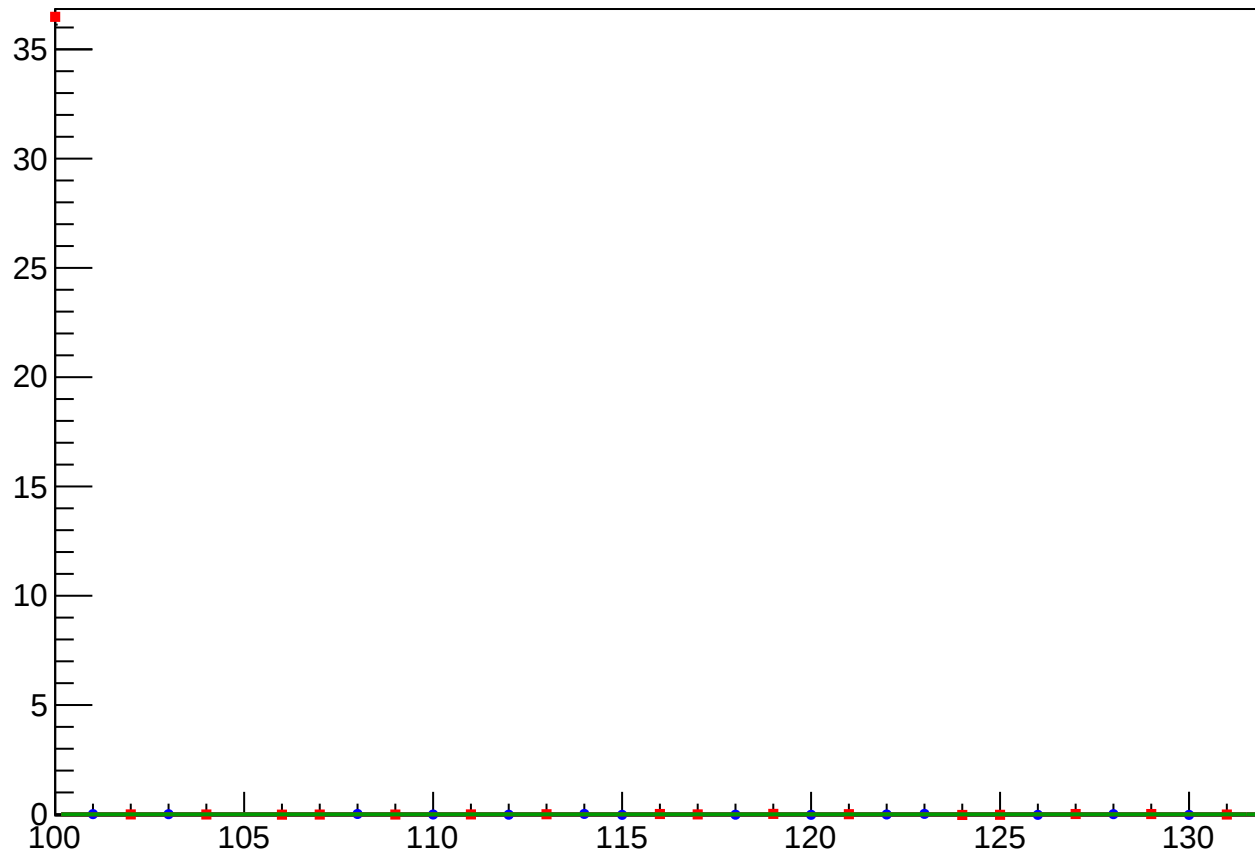
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.040 $\pm$ 0.046 χ^2 /NDF: 18.8/14

-0.042 $\pm$ 0.034 χ^2 /NDF: 44.3/31

-0.142 $\pm$ 0.051 χ^2 /NDF: 18.4/16

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.000+/-0.002 χ^2/NDF : 27.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.003 χ^2/NDF : 10443.5/16

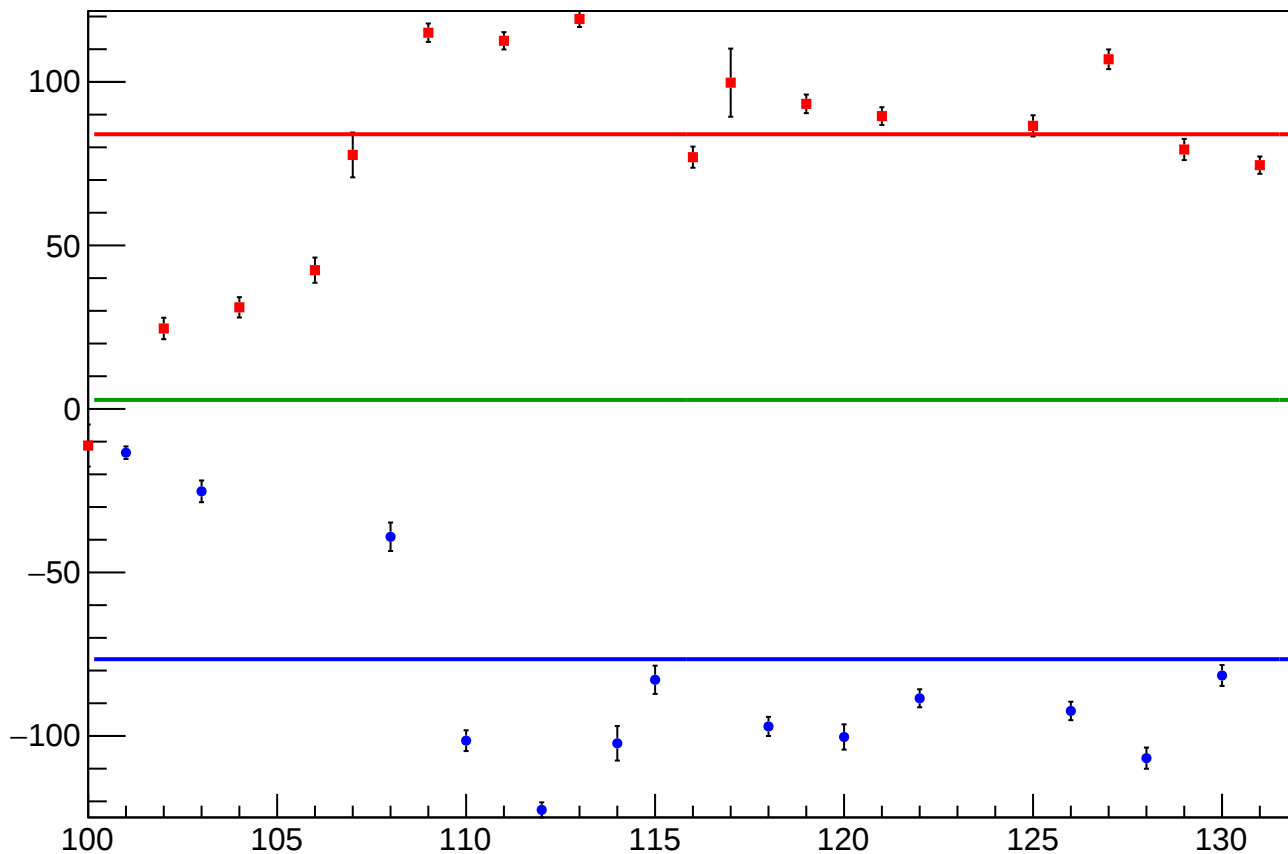
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.000+/-0.002 χ^2/NDF : 27.6/14

-0.002+/-0.002 χ^2/NDF : 10471.8/31

-0.003+/-0.003 χ^2/NDF : 10443.5/16

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -76.524 $\pm$ 0.793 χ^2 /NDF: 2102.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.998 $\pm$ 0.802 χ^2 /NDF: 1494.4/15

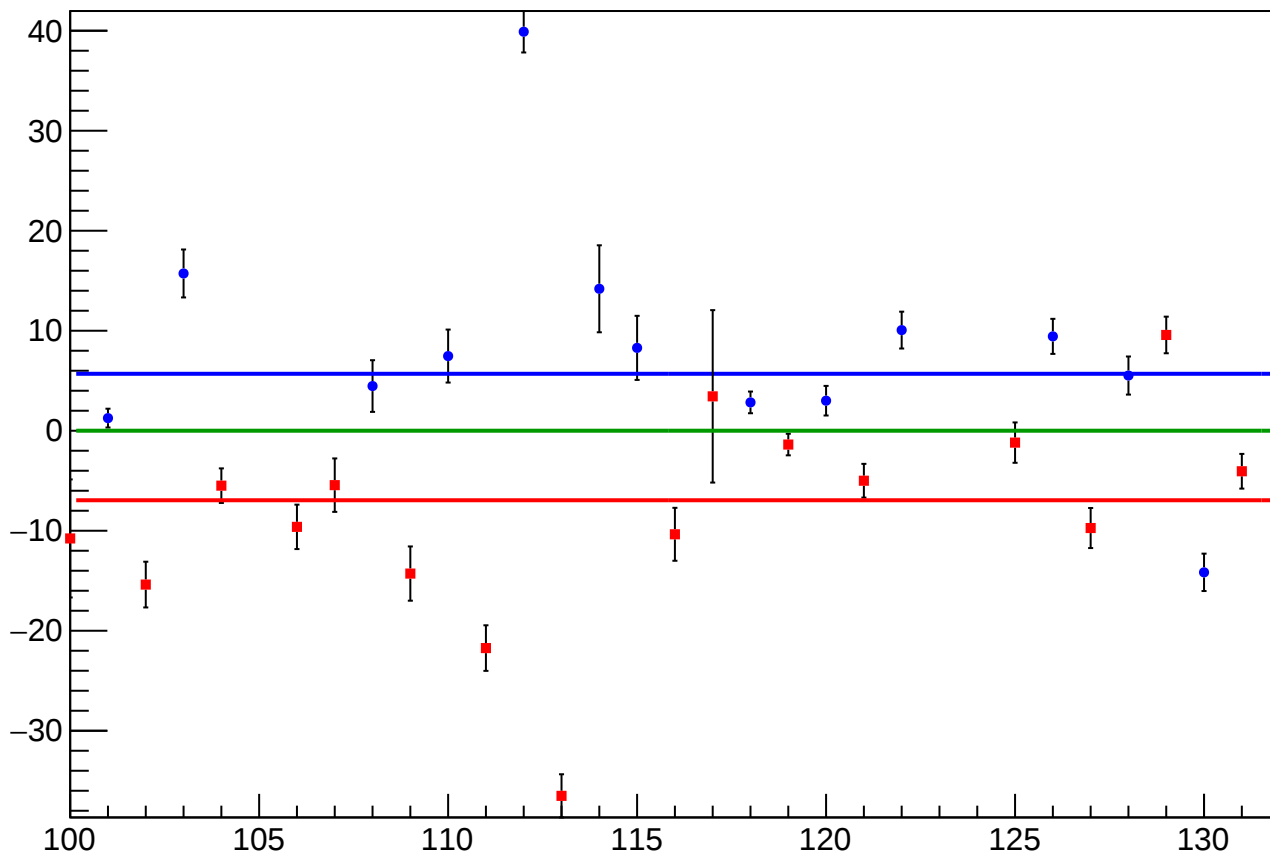
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-76.524 $\pm$ 0.793 χ^2 /NDF: 2102.5/13

2.764 $\pm$ 0.564 χ^2 /NDF: 23858.2/29

83.998 $\pm$ 0.802 χ^2 /NDF: 1494.4/15

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.695 ± 0.456 χ^2/NDF : 456.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.951 ± 0.504 χ^2/NDF : 378.8/15

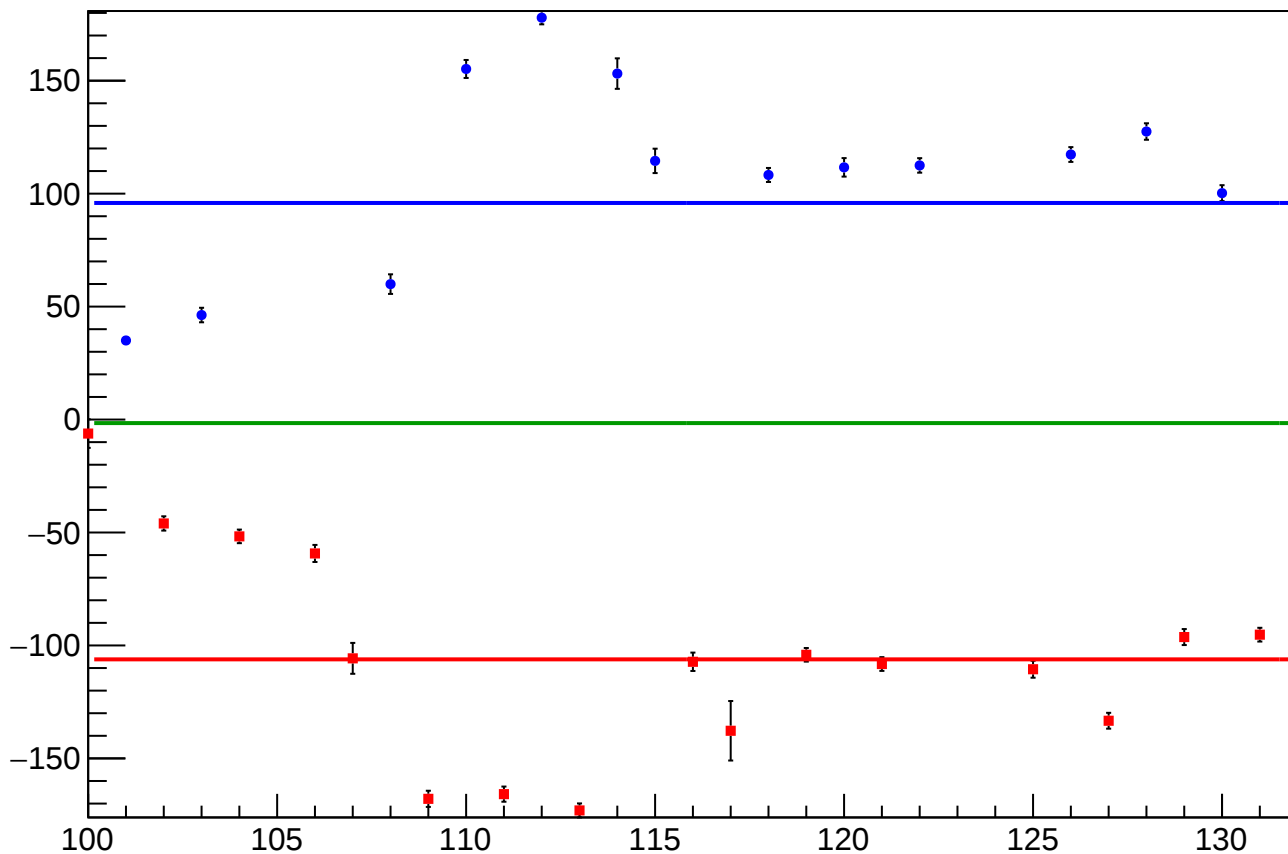
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.695 ± 0.456 χ^2/NDF : 456.4/13

0.003 ± 0.338 χ^2/NDF : 1181.0/29

-6.951 ± 0.504 χ^2/NDF : 378.8/15

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 95.878+/-0.873 χ^2 /NDF: 2648.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -106.159+/-0.905 χ^2 /NDF: 2257.8/15

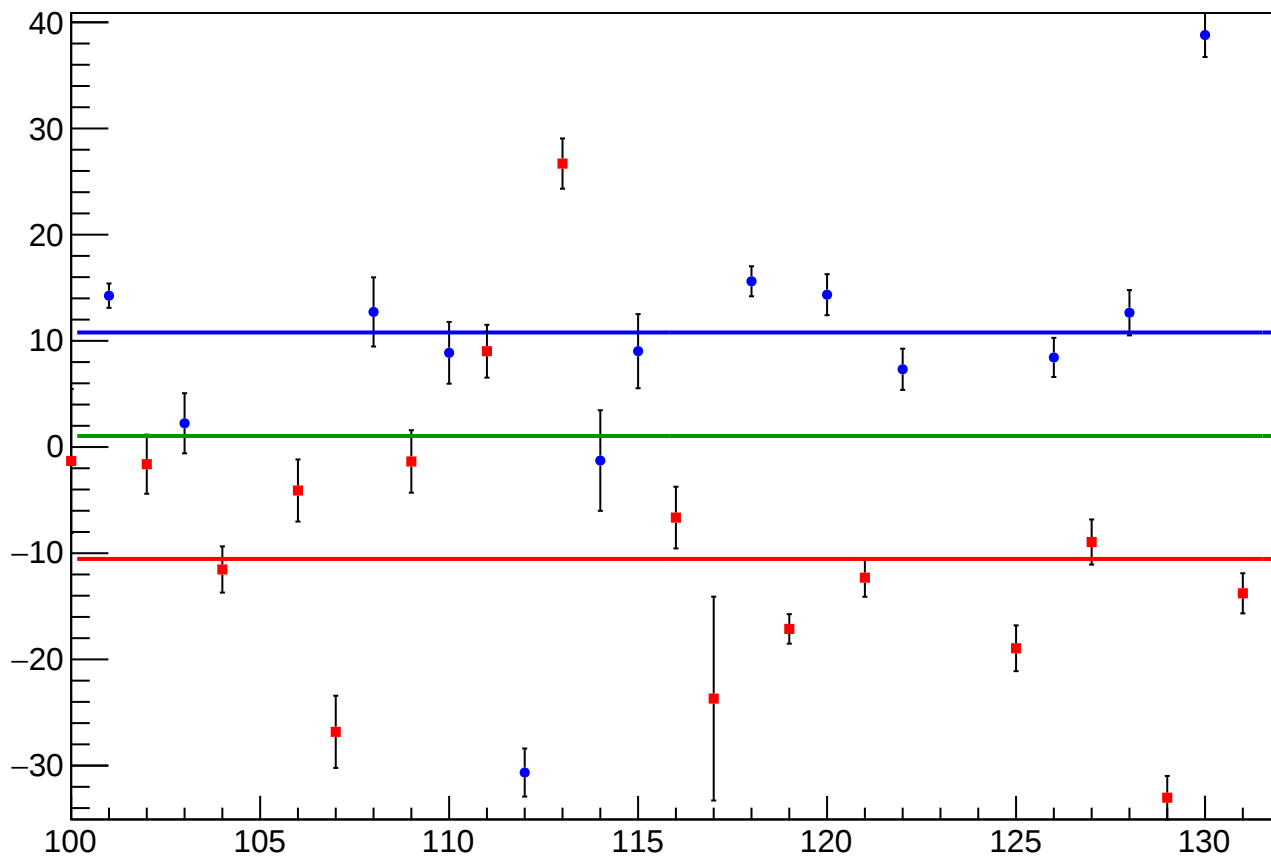
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

95.878+/-0.873 χ^2 /NDF: 2648.4/13

-1.566+/-0.628 χ^2 /NDF: 30719.5/29

-106.159+/-0.905 χ^2 /NDF: 2257.8/15

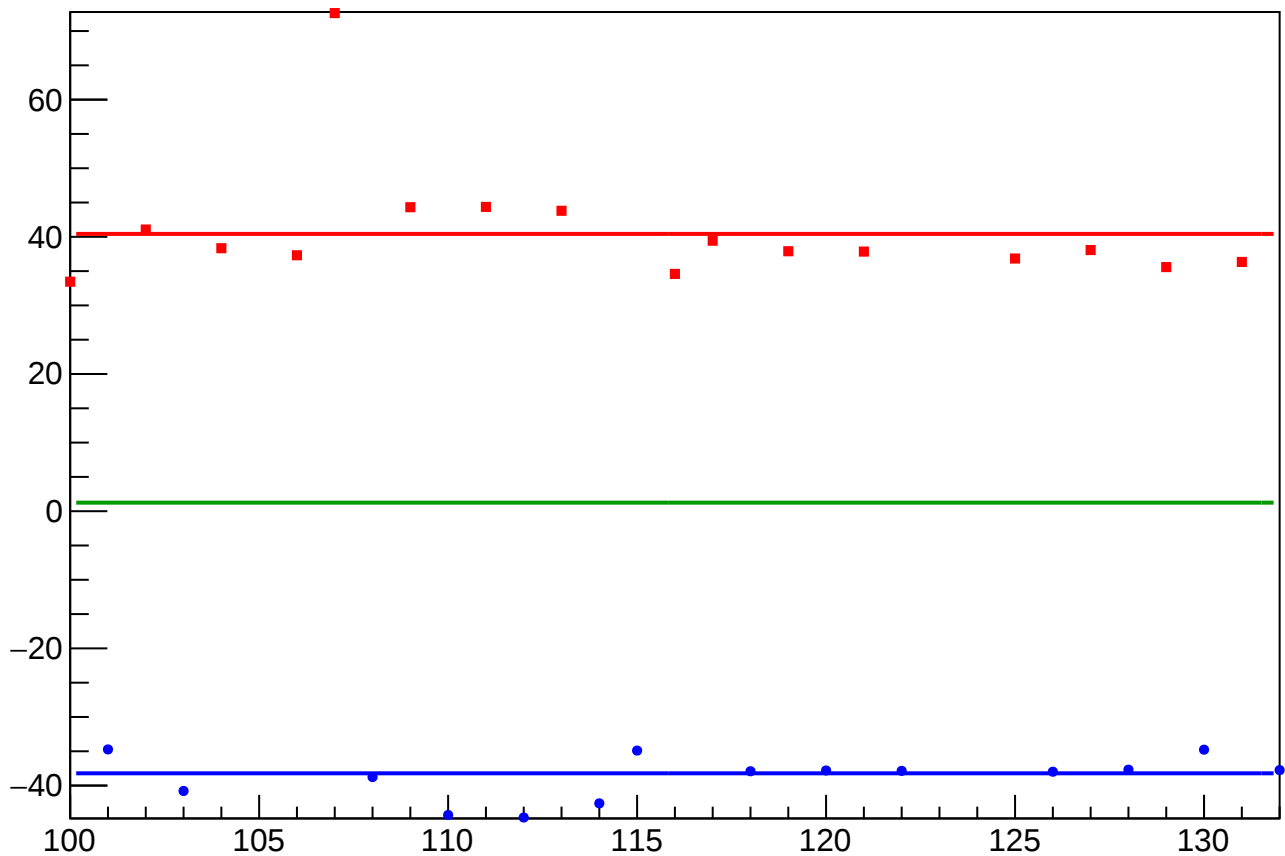
reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.789 $\pm$ 0.536 χ^2 /NDF: 571.1/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -10.538 $\pm$ 0.584 χ^2 /NDF: 525.7/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.789 $\pm$ 0.536 χ^2 /NDF: 571.1/13
 1.040 $\pm$ 0.395 χ^2 /NDF: 1820.3/29
 -10.538 $\pm$ 0.584 χ^2 /NDF: 525.7/15

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.213+/-0.032 χ^2/NDF : 8171.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.426+/-0.032 χ^2/NDF : 51034.9/15

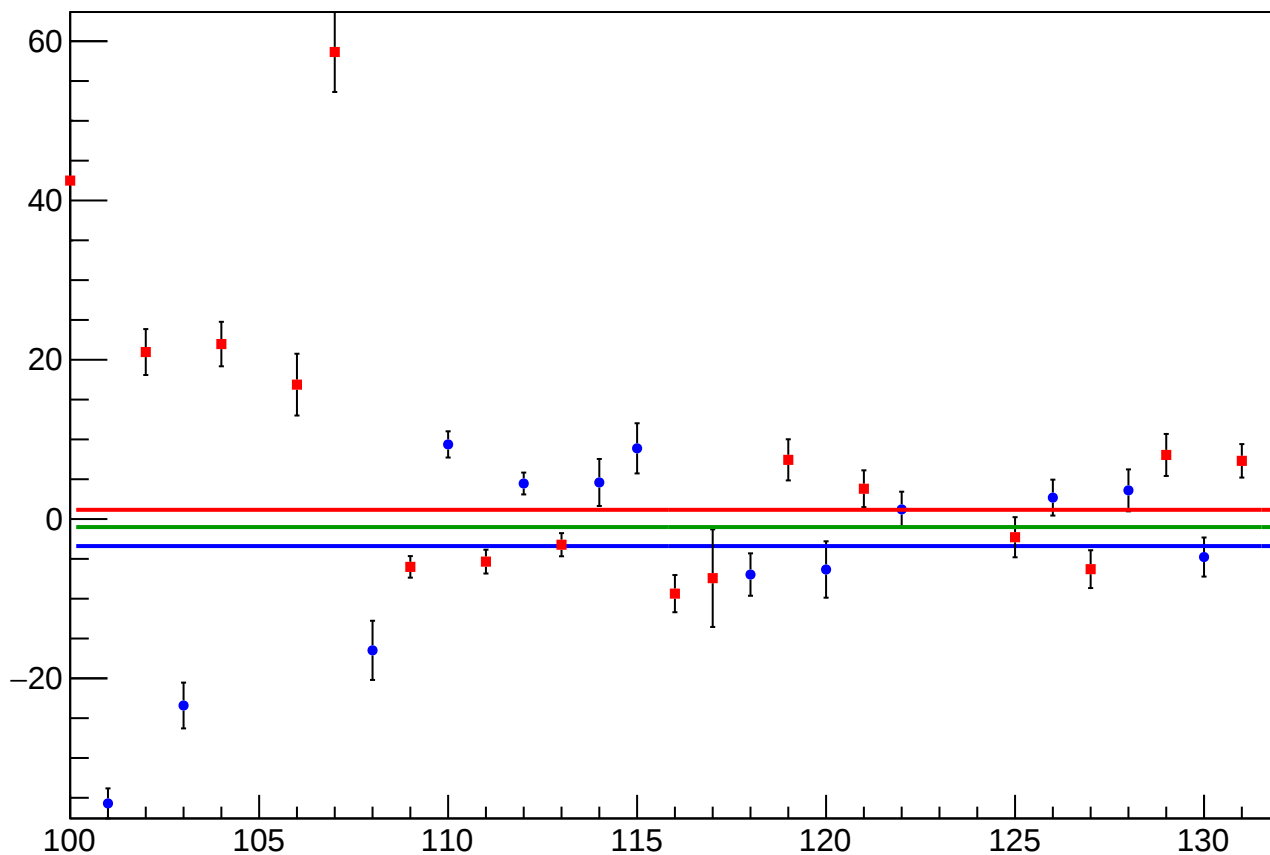
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.213+/-0.032 χ^2/NDF : 8171.2/13

1.246+/-0.023 χ^2/NDF : 3050795.2/29

40.426+/-0.032 χ^2/NDF : 51034.9/15

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.393+/-0.597 χ^2/NDF : 492.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.160+/-0.569 χ^2/NDF : 393.1/15

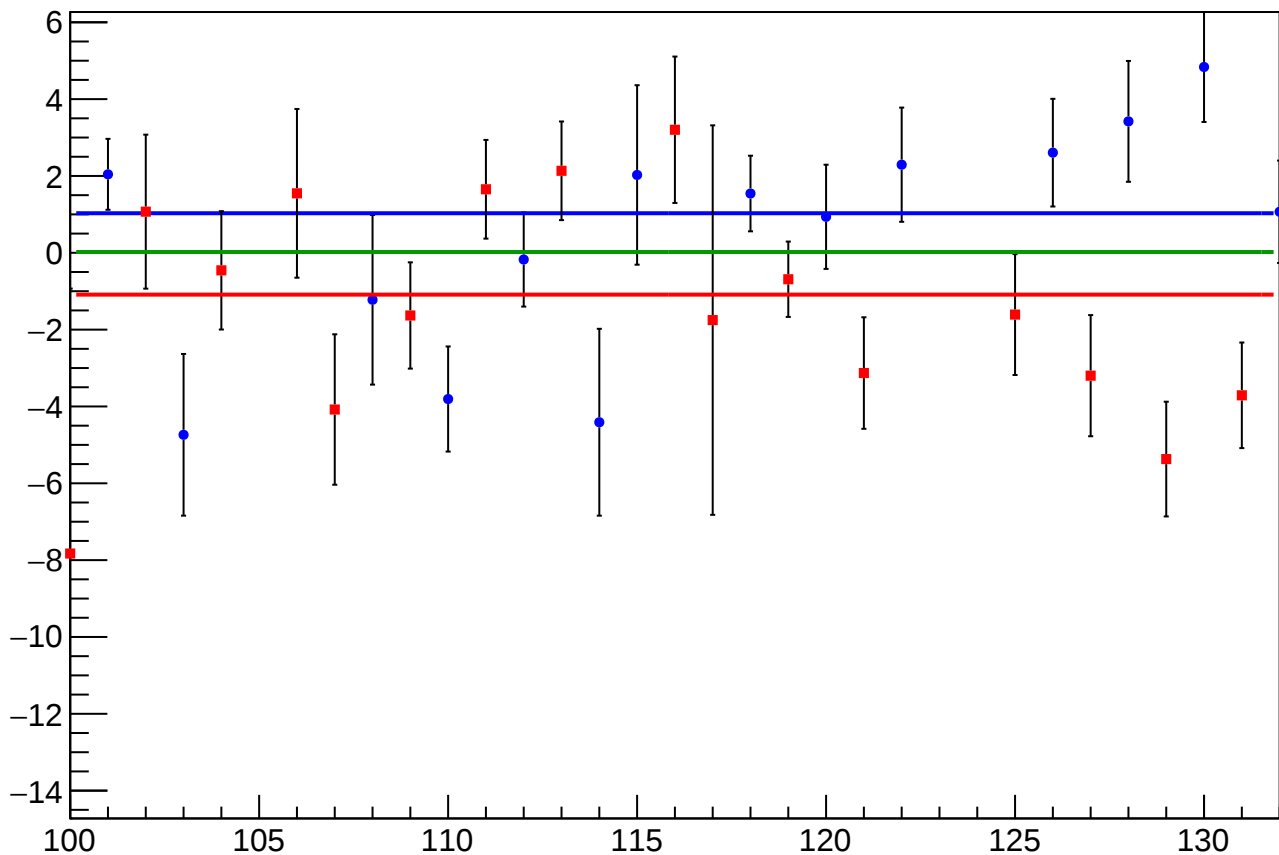
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.393+/-0.597 χ^2/NDF : 492.8/13

-1.005+/-0.412 χ^2/NDF : 916.3/29

1.160+/-0.569 χ^2/NDF : 393.1/15

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.030 $\pm$ 0.374 χ^2 /NDF: 40.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.089 $\pm$ 0.392 χ^2 /NDF: 38.1/15

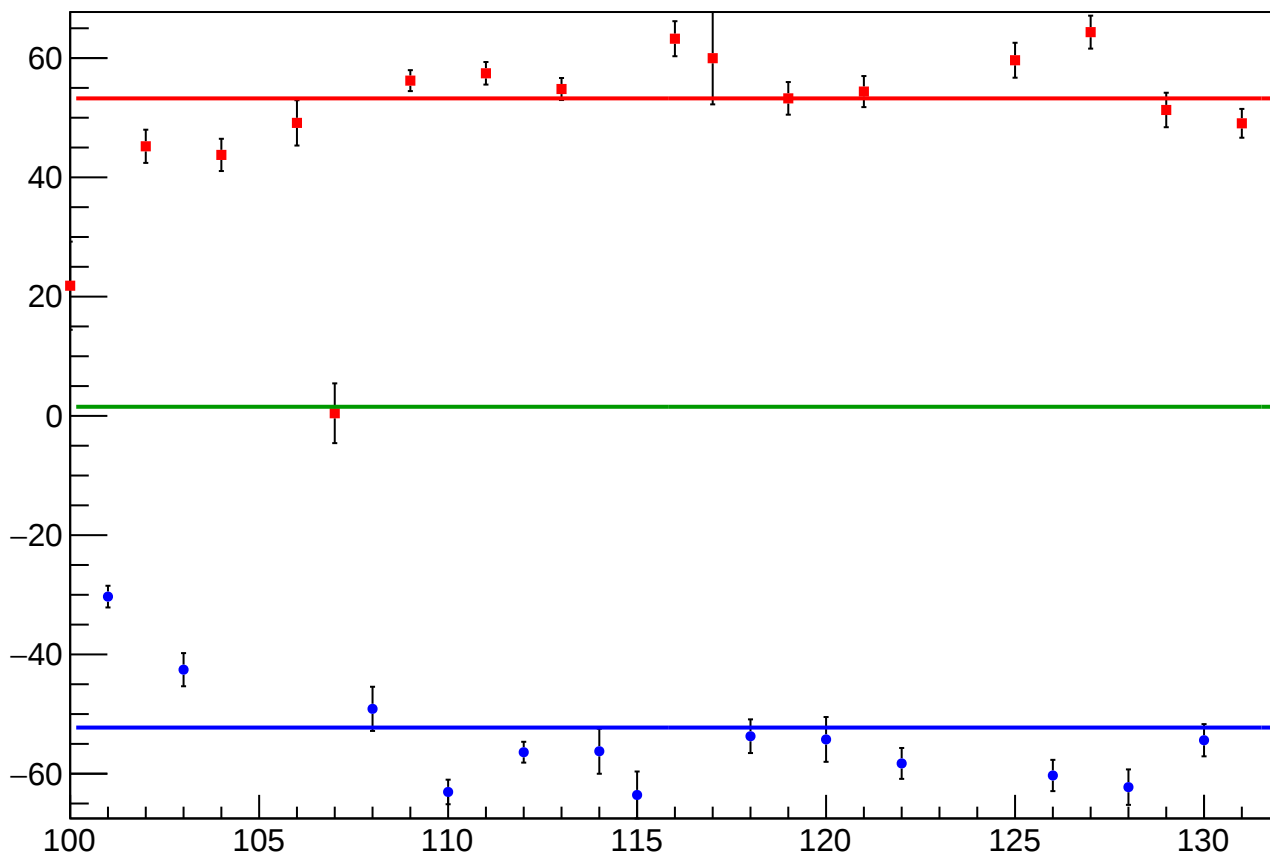
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.030 $\pm$ 0.374 χ^2 /NDF: 40.1/13

0.020 $\pm$ 0.271 χ^2 /NDF: 93.4/29

-1.089 $\pm$ 0.392 χ^2 /NDF: 38.1/15

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.263 $\pm$ 0.681 χ^2/NDF : 230.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 53.241 $\pm$ 0.668 χ^2/NDF : 196.4/15

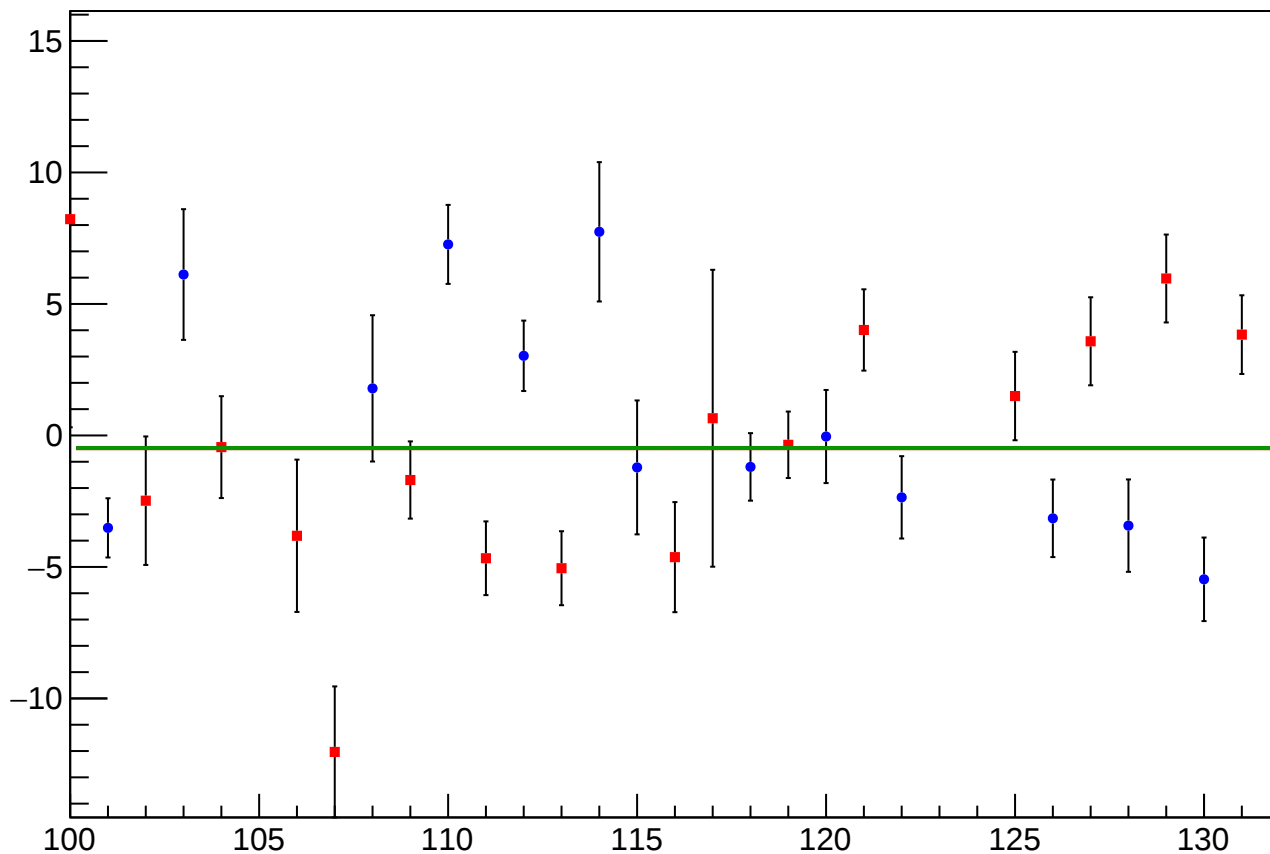
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-52.263 $\pm$ 0.681 χ^2/NDF : 230.0/13

1.530 $\pm$ 0.477 χ^2/NDF : 12657.1/29

53.241 $\pm$ 0.668 χ^2/NDF : 196.4/15

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.476+/-0.432 χ^2 /NDF: 76.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.484+/-0.446 χ^2 /NDF: 87.8/15

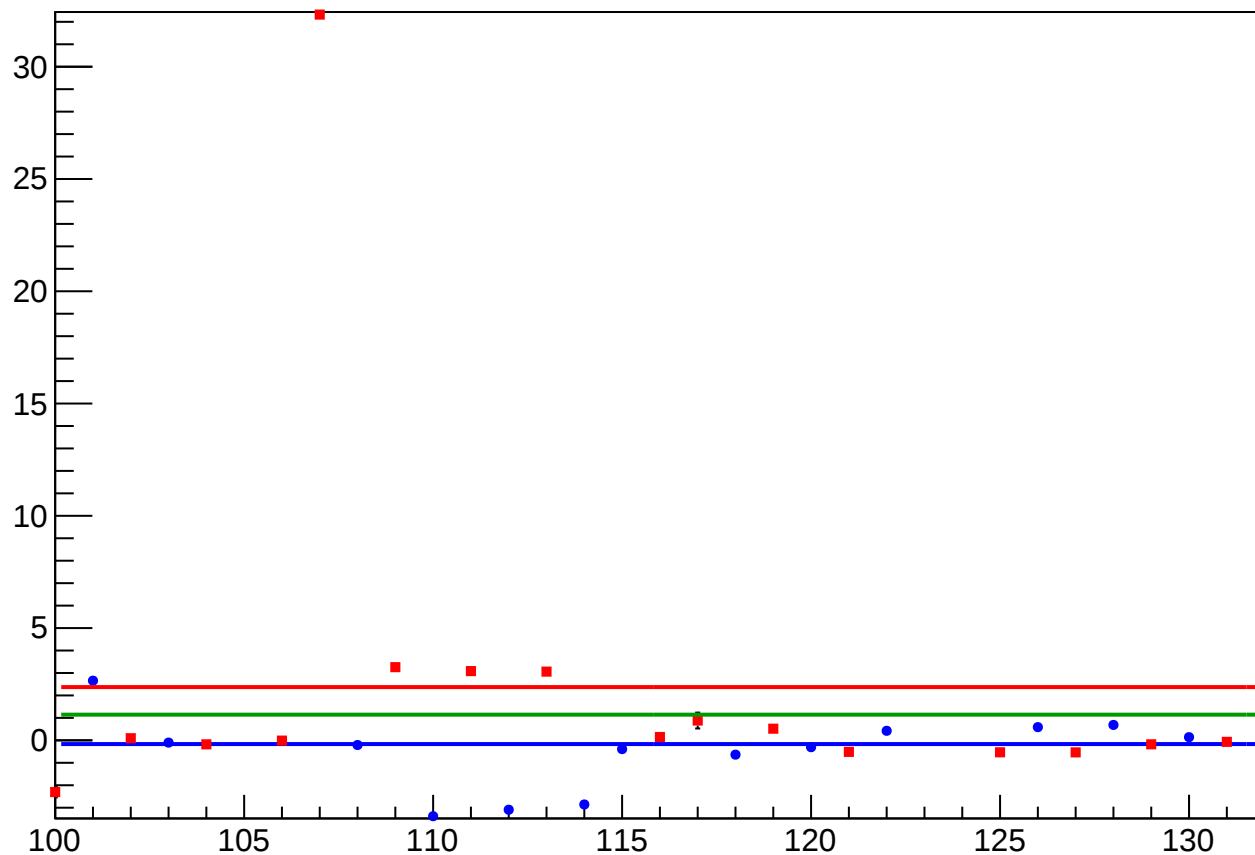
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.476+/-0.432 χ^2 /NDF: 76.0/13

-0.480+/-0.310 χ^2 /NDF: 163.8/29

-0.484+/-0.446 χ^2 /NDF: 87.8/15

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.166 ± 0.026 χ^2/NDF : 4595.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.372 ± 0.025 χ^2/NDF : 74654.7/15

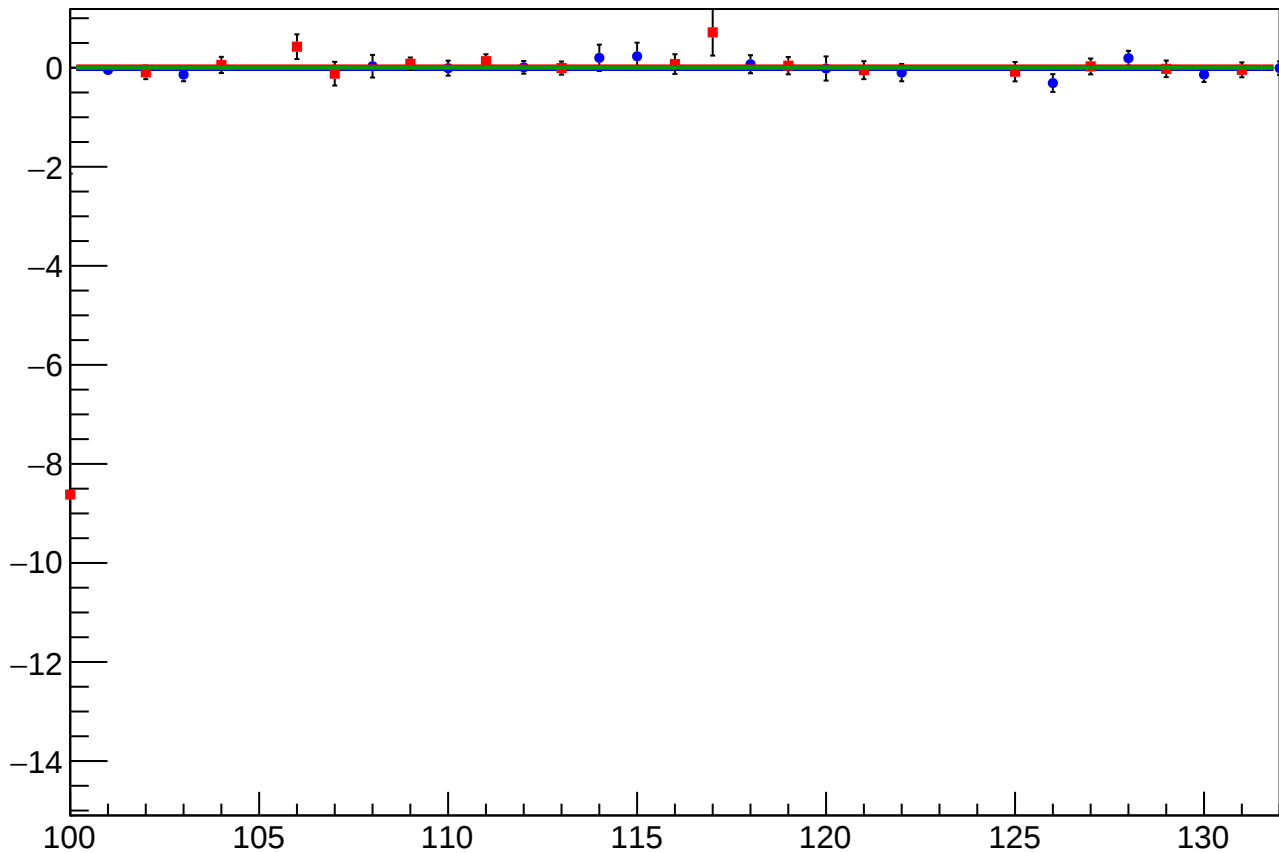
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.166 ± 0.026 χ^2/NDF : 4595.7/13

1.143 ± 0.018 χ^2/NDF : 84068.8/29

2.372 ± 0.025 χ^2/NDF : 74654.7/15

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.026 ± 0.042 χ^2/NDF : 8.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.043 χ^2/NDF : 9.3/15

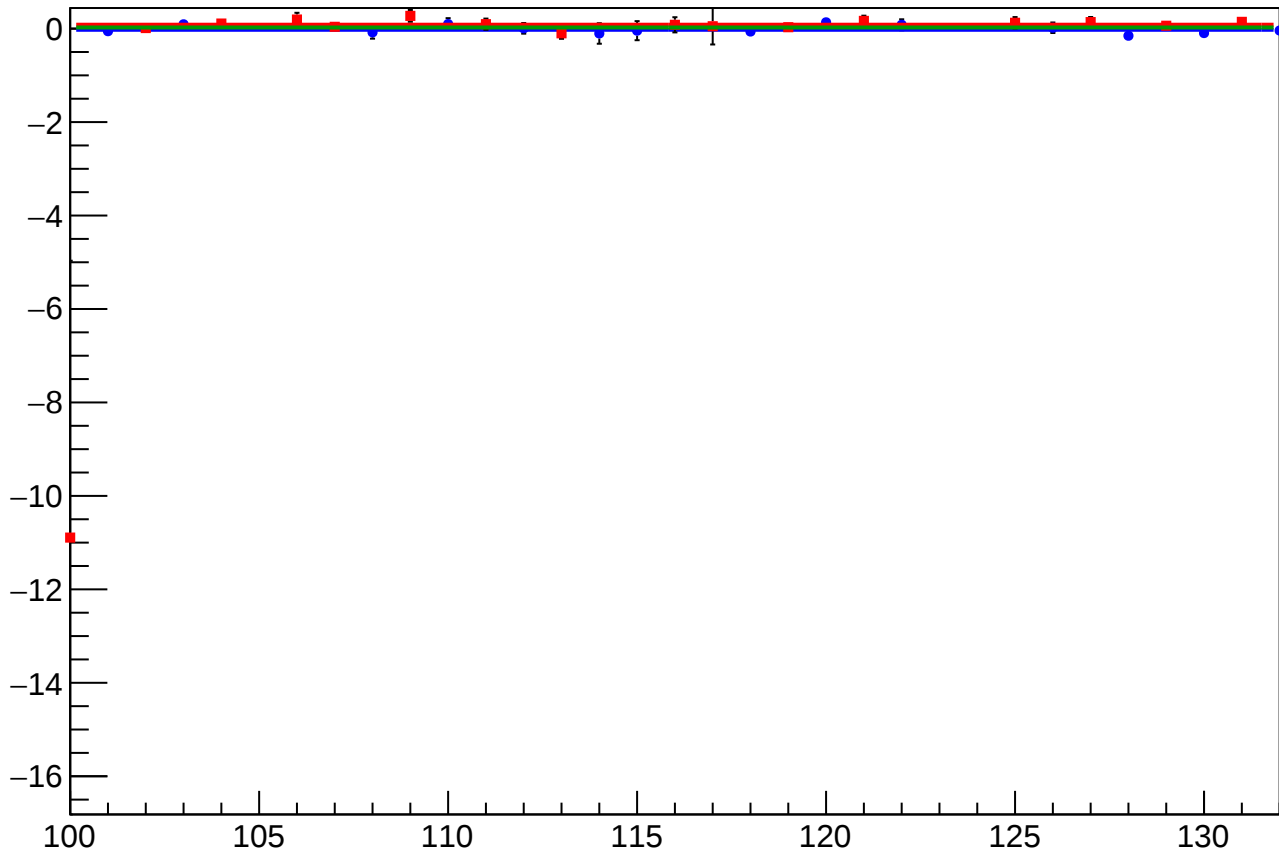
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.026 ± 0.042 χ^2/NDF : 8.1/13

0.000 ± 0.030 χ^2/NDF : 18.2/29

0.027 ± 0.043 χ^2/NDF : 9.3/15

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.025 χ^2 /NDF: 9.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.084+/-0.028 χ^2 /NDF: 11.6/15

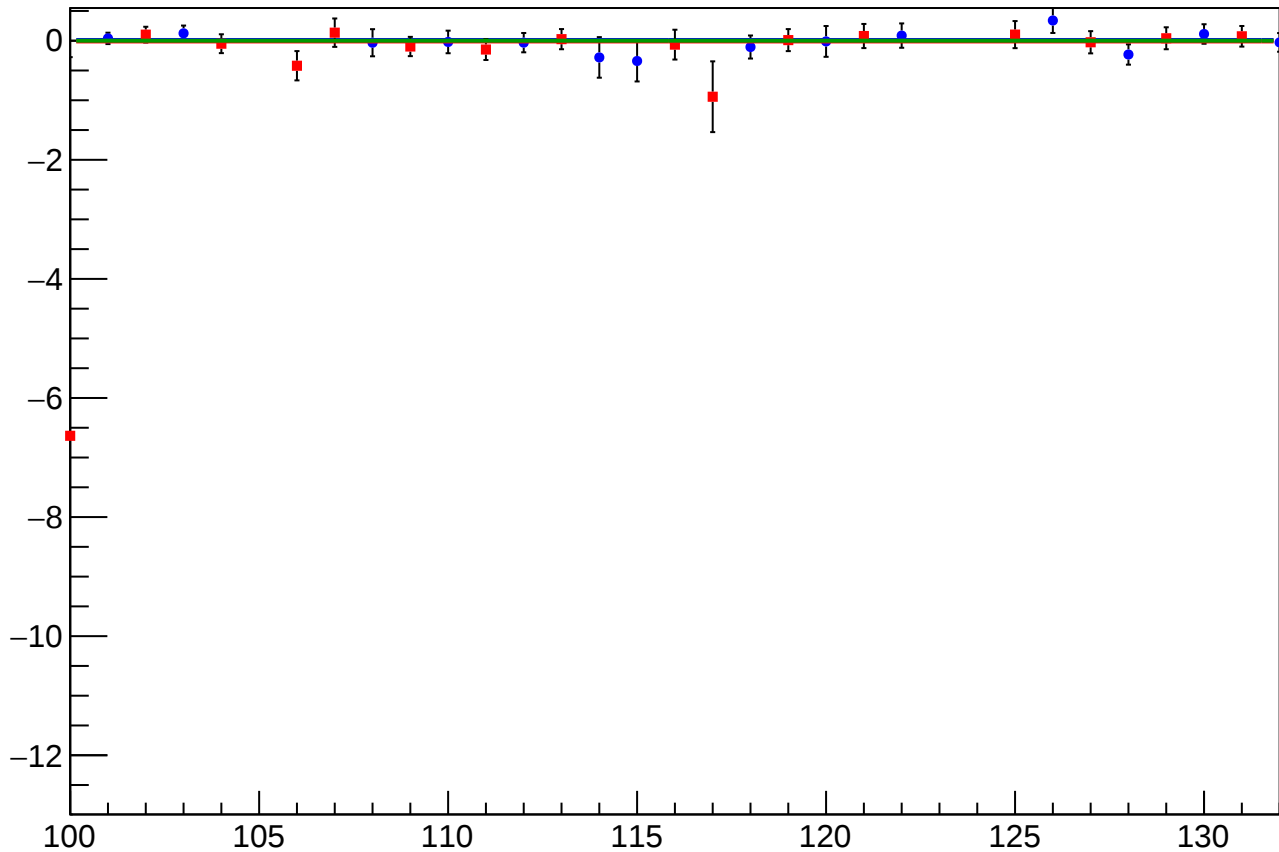
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.024+/-0.025 χ^2 /NDF: 9.9/13

0.024+/-0.019 χ^2 /NDF: 29.9/29

0.084+/-0.028 χ^2 /NDF: 11.6/15

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.046 χ^2 /NDF: 8.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.049 χ^2 /NDF: 9.2/15

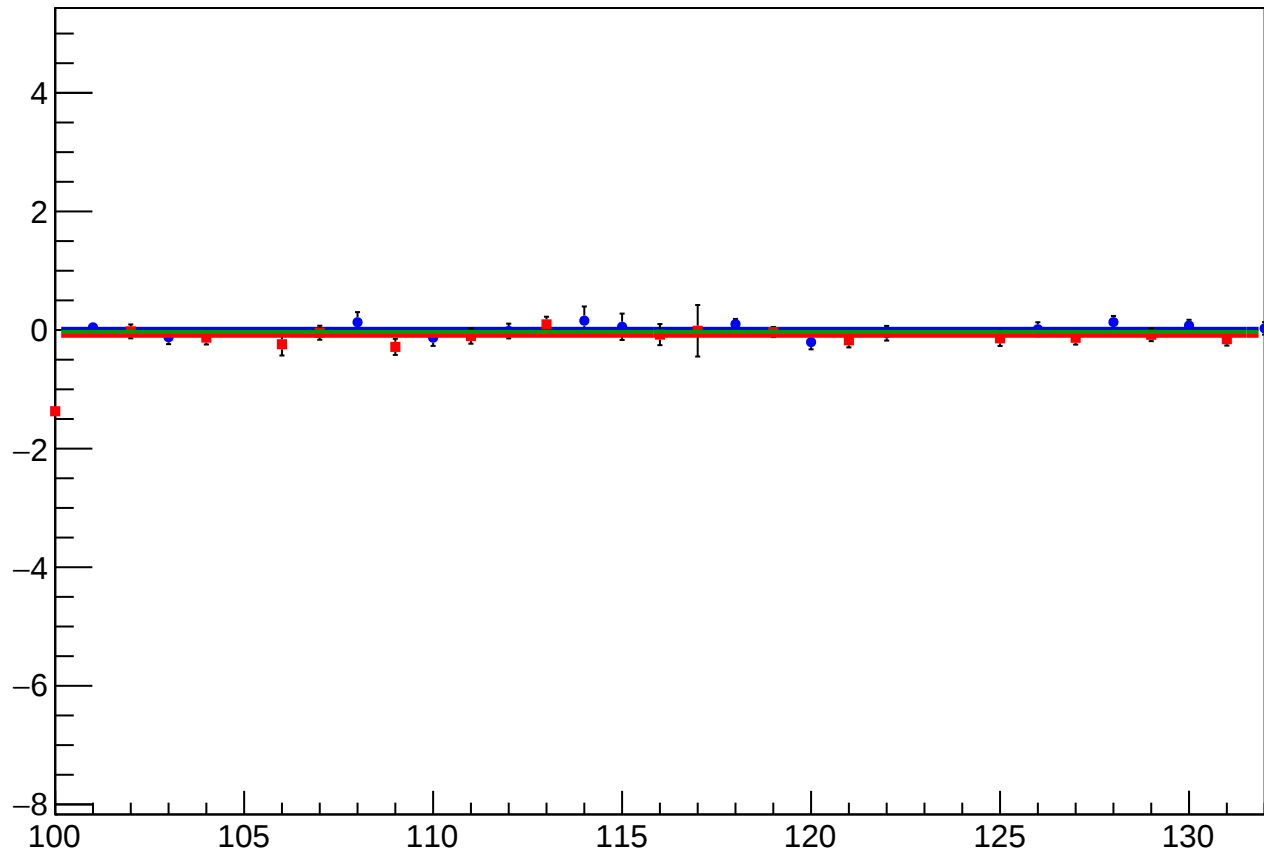
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.046 χ^2 /NDF: 8.2/13

0.001 $\pm$ 0.034 χ^2 /NDF: 17.6/29

-0.012 $\pm$ 0.049 χ^2 /NDF: 9.2/15

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.029 χ^2/NDF : 9.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.097+/-0.032 χ^2/NDF : 6.9/15

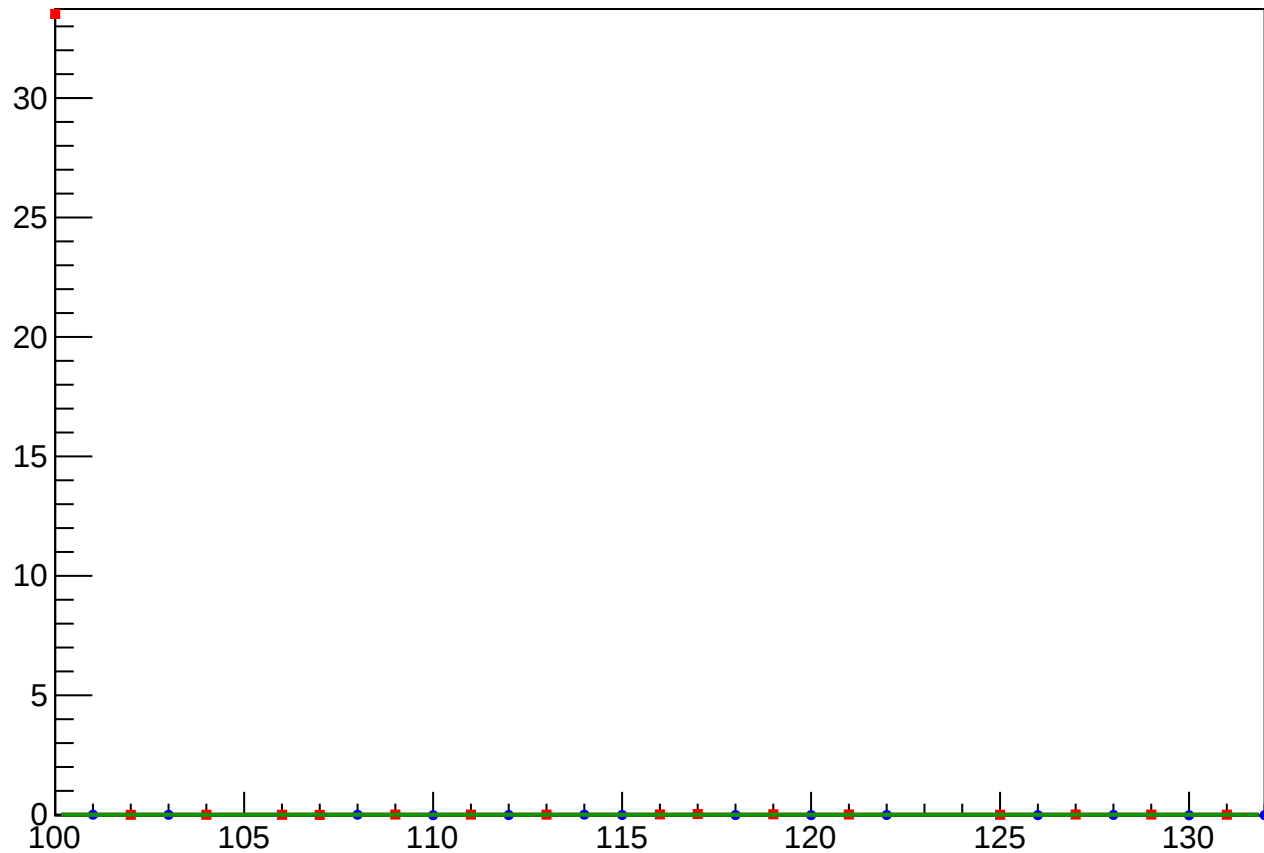
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.029 χ^2/NDF : 9.8/13

-0.032+/-0.022 χ^2/NDF : 24.0/29

-0.097+/-0.032 χ^2/NDF : 6.9/15

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.002 χ^2/NDF : 21.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.002 χ^2/NDF : 26502.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.006 ± 0.002 χ^2/NDF : 21.3/13

-0.001 ± 0.001 χ^2/NDF : 26543.9/29

0.005 ± 0.002 χ^2/NDF : 26502.7/15

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.144 ± 0.042 $\chi^2/\text{NDF}: 23.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.175 ± 0.043 $\chi^2/\text{NDF}: 35.8/15$

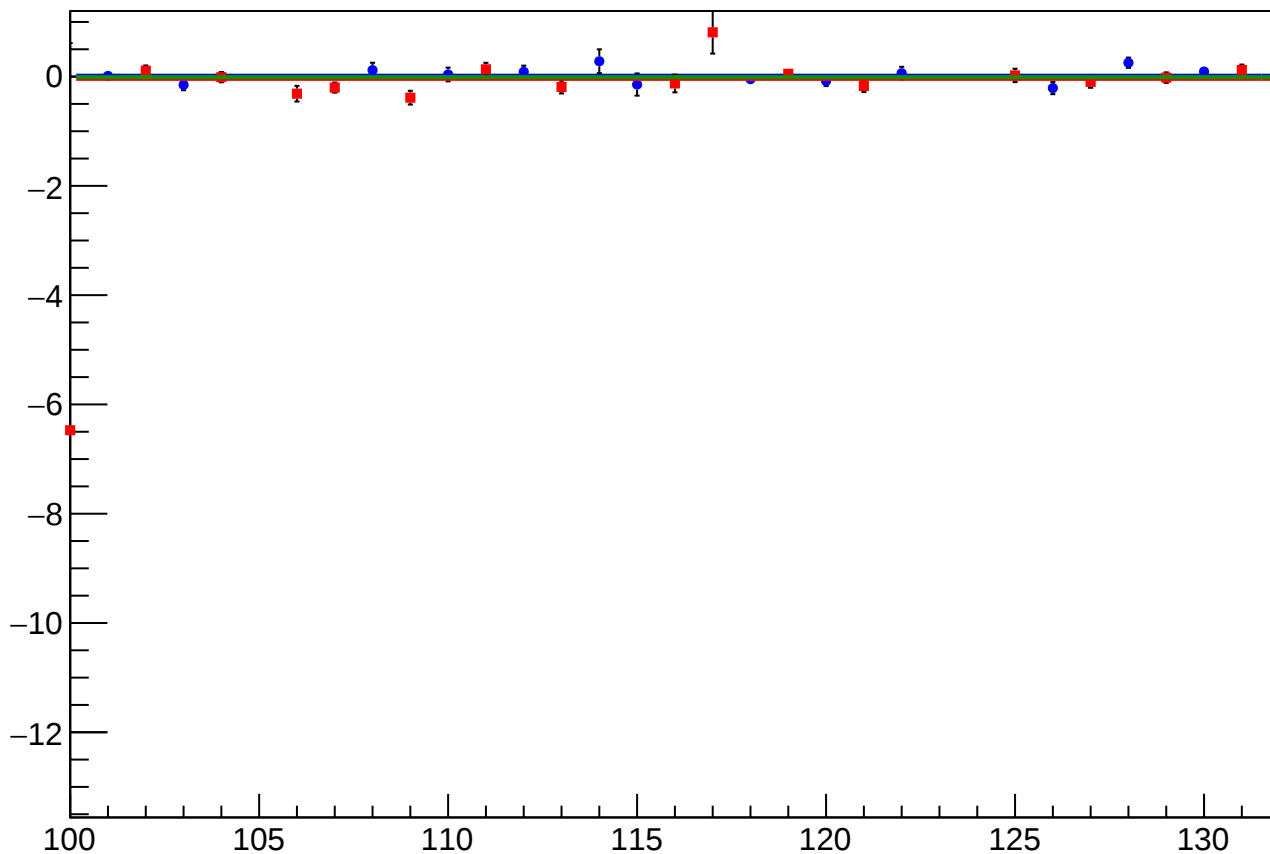
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.144 ± 0.042 $\chi^2/\text{NDF}: 23.9/13$

0.011 ± 0.030 $\chi^2/\text{NDF}: 87.5/29$

0.175 ± 0.043 $\chi^2/\text{NDF}: 35.8/15$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.025 χ^2/NDF : 20.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.028 χ^2/NDF : 32.7/15

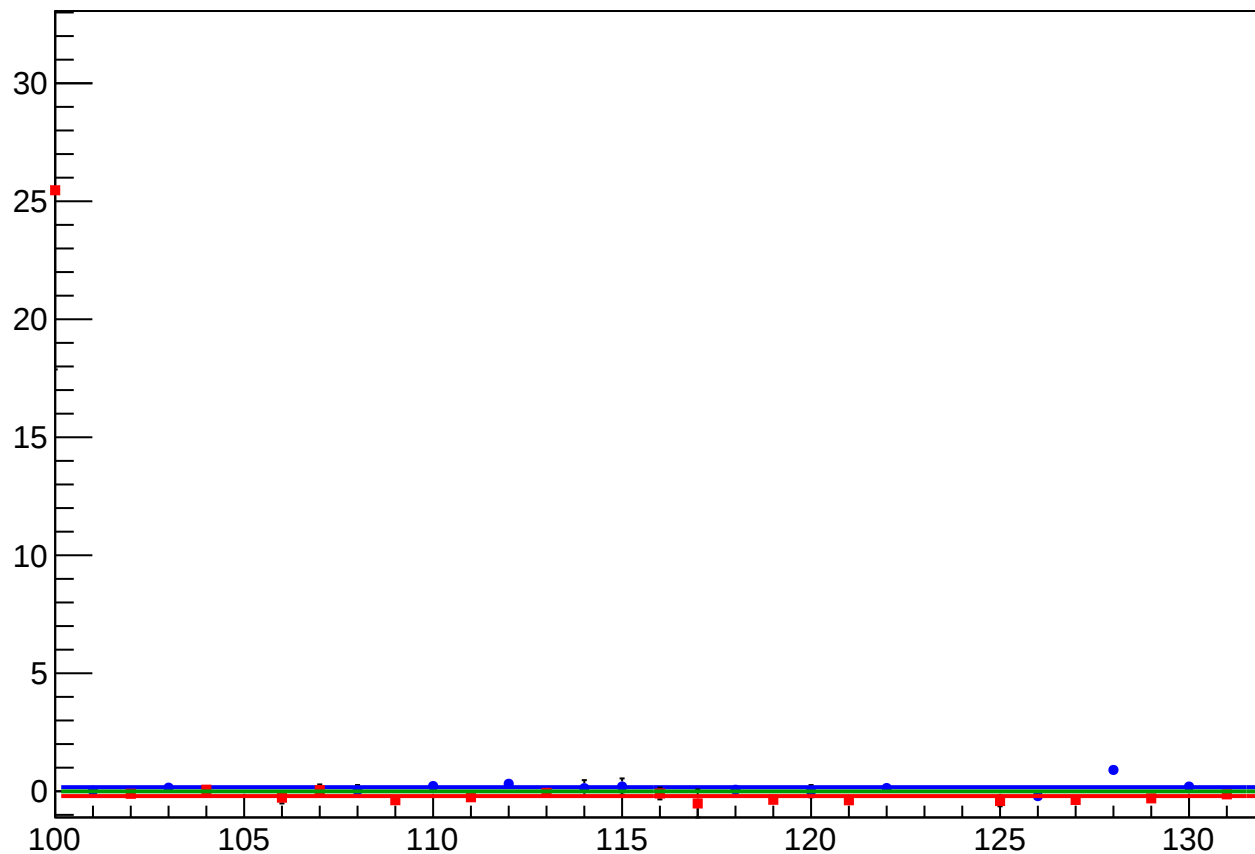
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.025 χ^2/NDF : 20.0/13

-0.010+/-0.019 χ^2/NDF : 55.2/29

-0.042+/-0.028 χ^2/NDF : 32.7/15

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.174 $\pm$ 0.046 χ^2 /NDF: 26.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.204 $\pm$ 0.049 χ^2 /NDF: 22.0/15

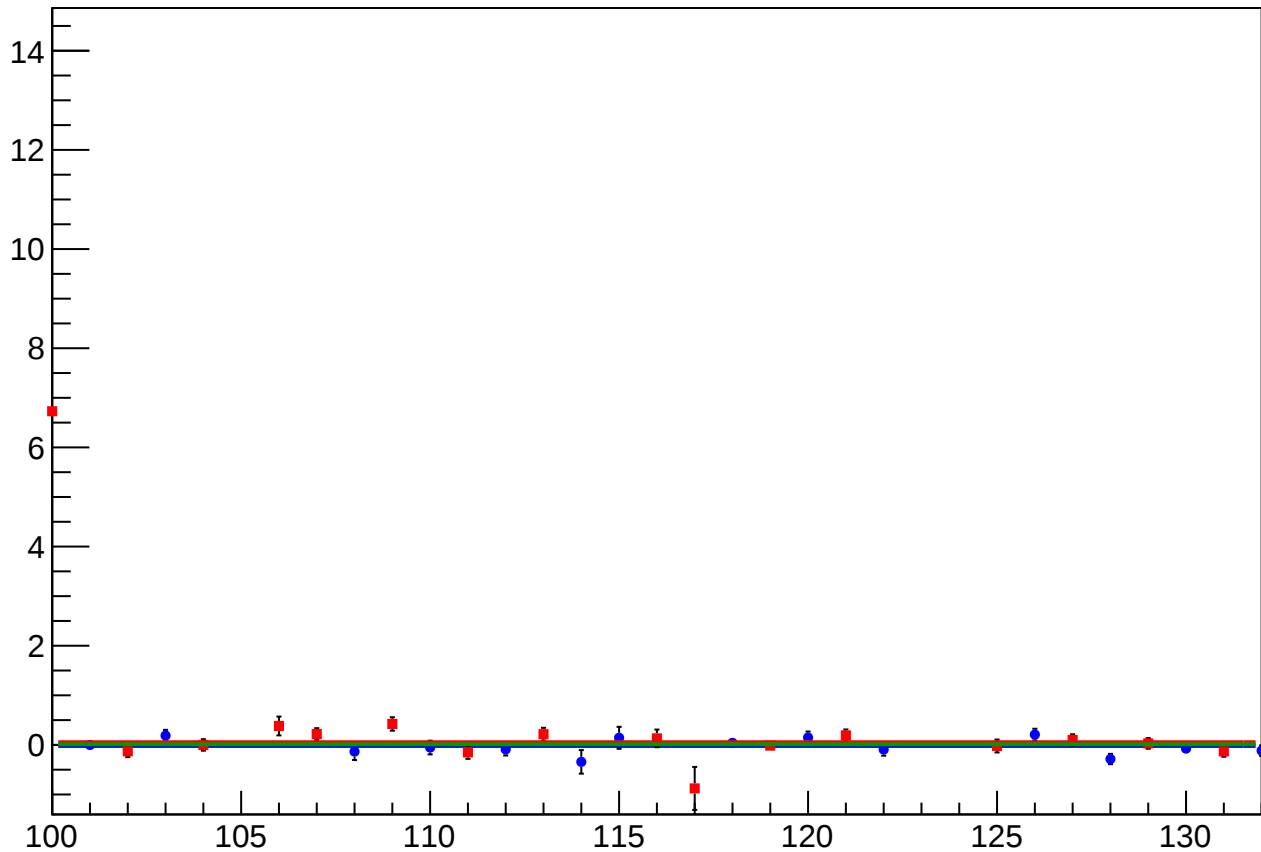
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.174 $\pm$ 0.046 χ^2 /NDF: 26.2/13

-0.004 $\pm$ 0.033 χ^2 /NDF: 79.8/29

-0.204 $\pm$ 0.049 χ^2 /NDF: 22.0/15

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.020 ± 0.029 χ^2/NDF : 20.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.054 ± 0.032 χ^2/NDF : 30.0/15

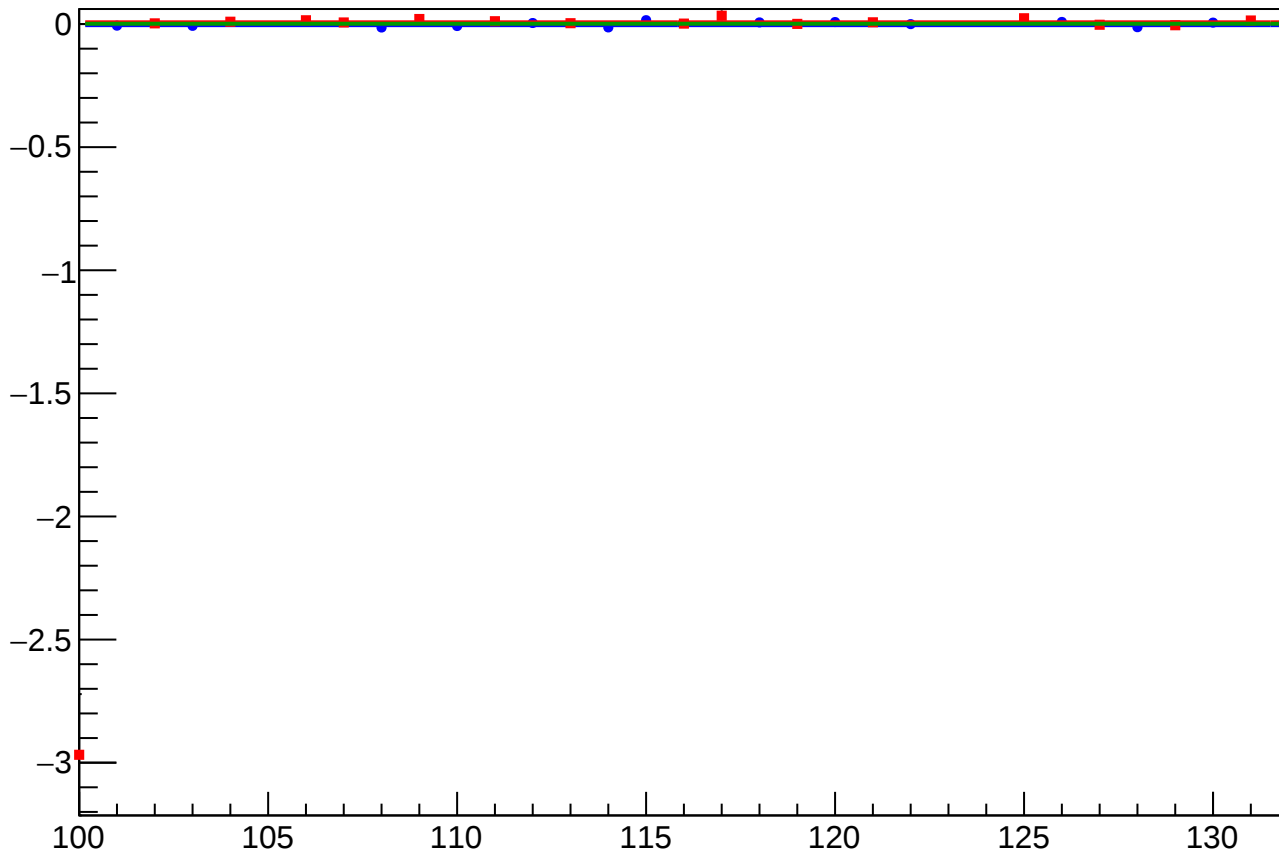
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.020 ± 0.029 χ^2/NDF : 20.6/13

0.013 ± 0.022 χ^2/NDF : 53.5/29

0.054 ± 0.032 χ^2/NDF : 30.0/15

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.002 χ^2 /NDF: 18.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.002 χ^2 /NDF: 163.1/15

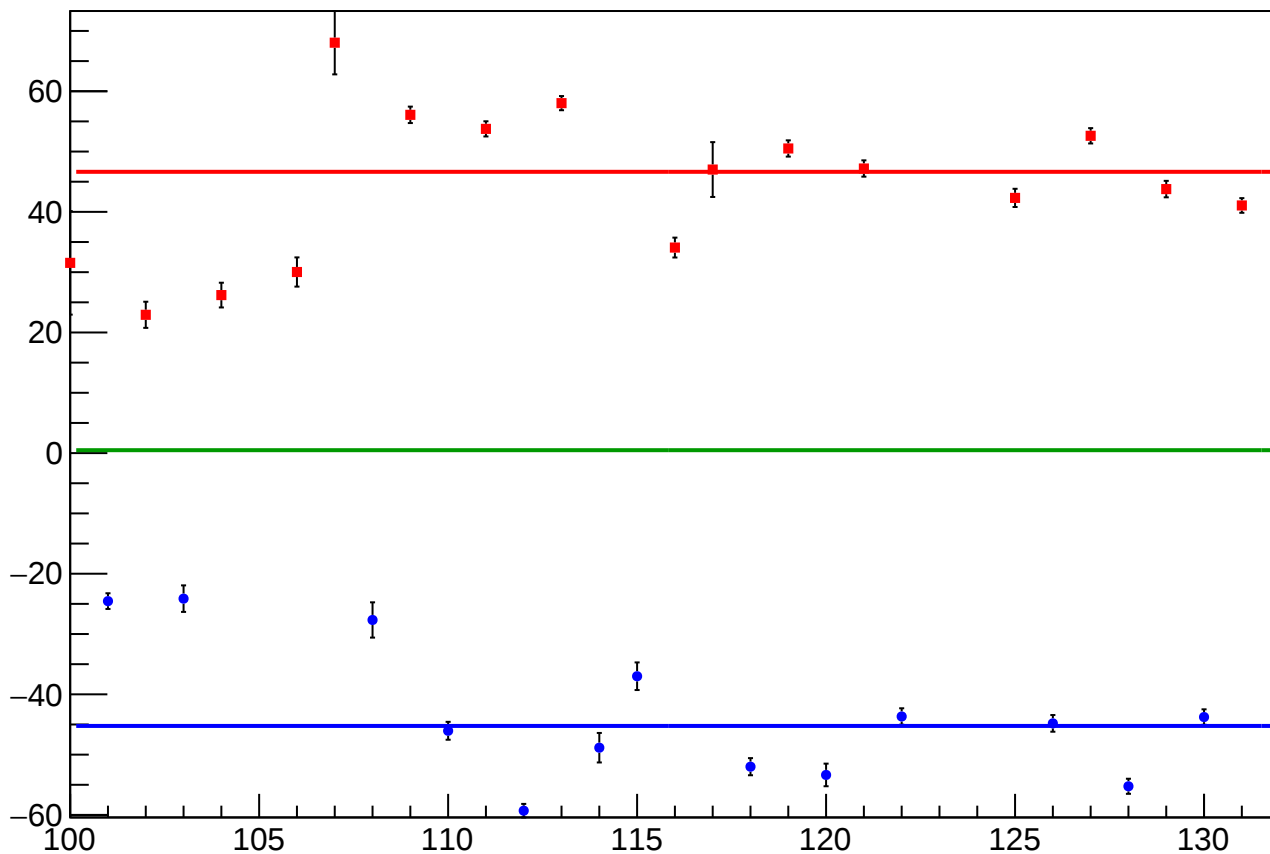
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.004 $\pm$ 0.002 χ^2 /NDF: 18.7/13

0.001 $\pm$ 0.001 χ^2 /NDF: 207.1/29

0.007 $\pm$ 0.002 χ^2 /NDF: 163.1/15

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.240 ± 0.395 χ^2/NDF : 666.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 46.642 ± 0.397 χ^2/NDF : 582.3/15

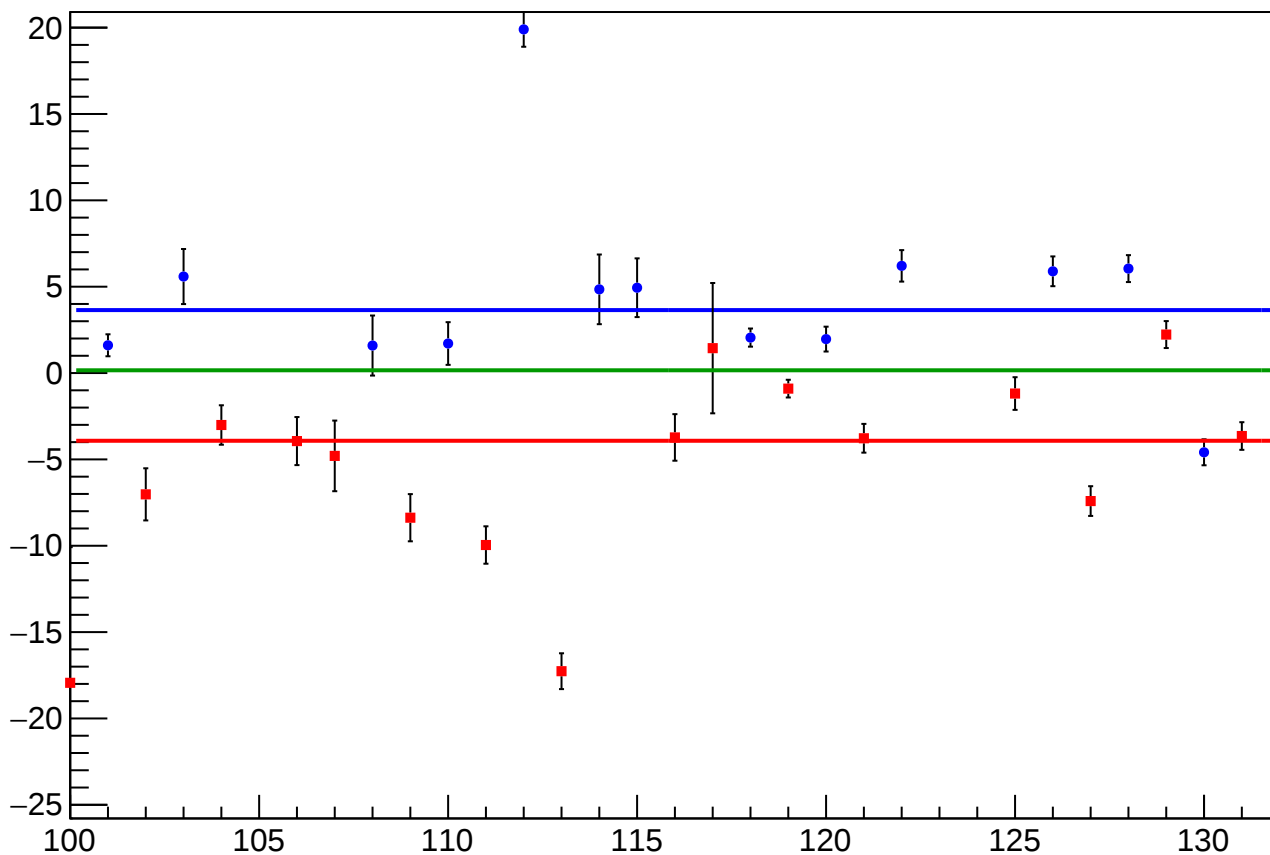
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.240 ± 0.395 χ^2/NDF : 666.0/13

0.483 ± 0.280 χ^2/NDF : 28191.4/29

46.642 ± 0.397 χ^2/NDF : 582.3/15

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.645 $\pm$ 0.232 χ^2 /NDF: 441.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.921 $\pm$ 0.251 χ^2 /NDF: 339.2/15

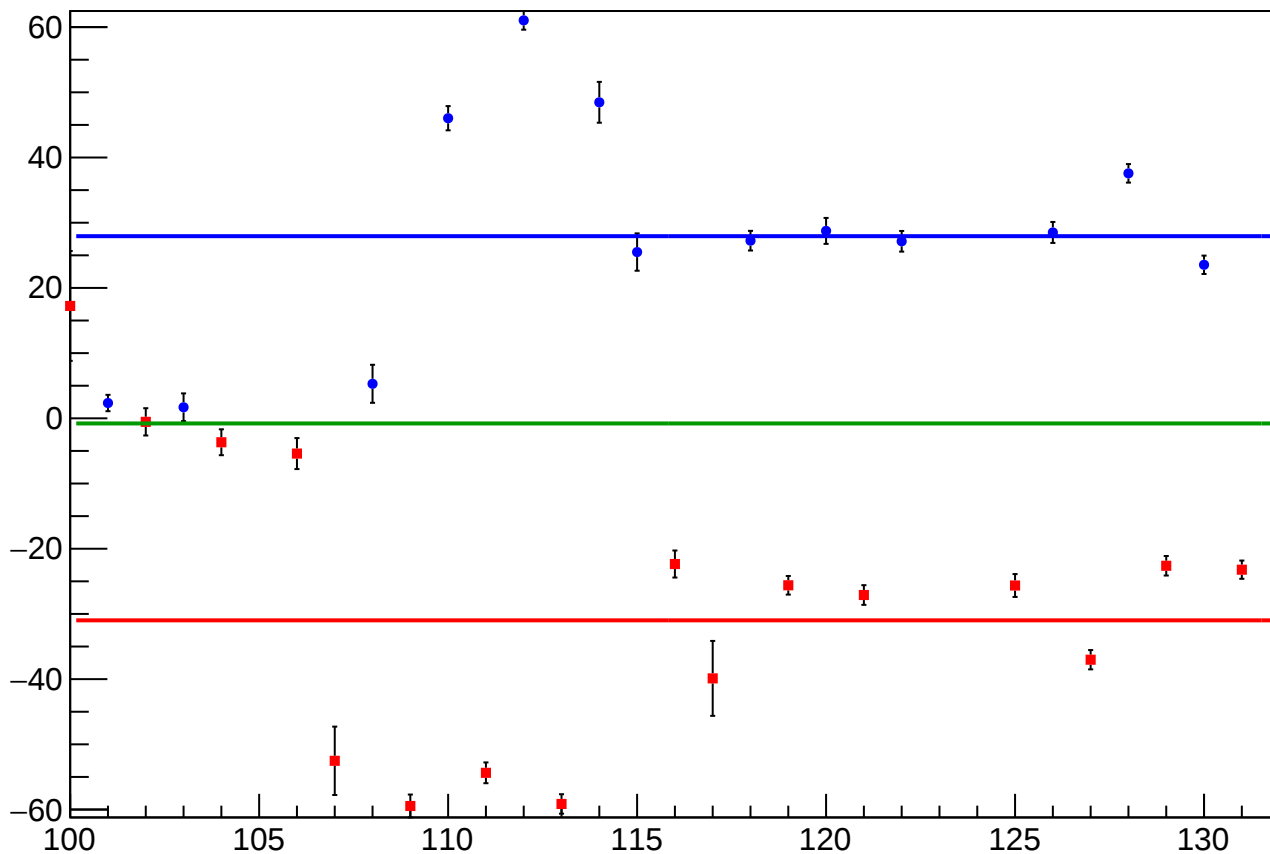
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.645 $\pm$ 0.232 χ^2 /NDF: 441.7/13

0.159 $\pm$ 0.171 χ^2 /NDF: 1269.9/29

-3.921 $\pm$ 0.251 χ^2 /NDF: 339.2/15

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.937+/-0.445 χ^2 /NDF: 1359.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -30.983+/-0.456 χ^2 /NDF: 1528.9/15

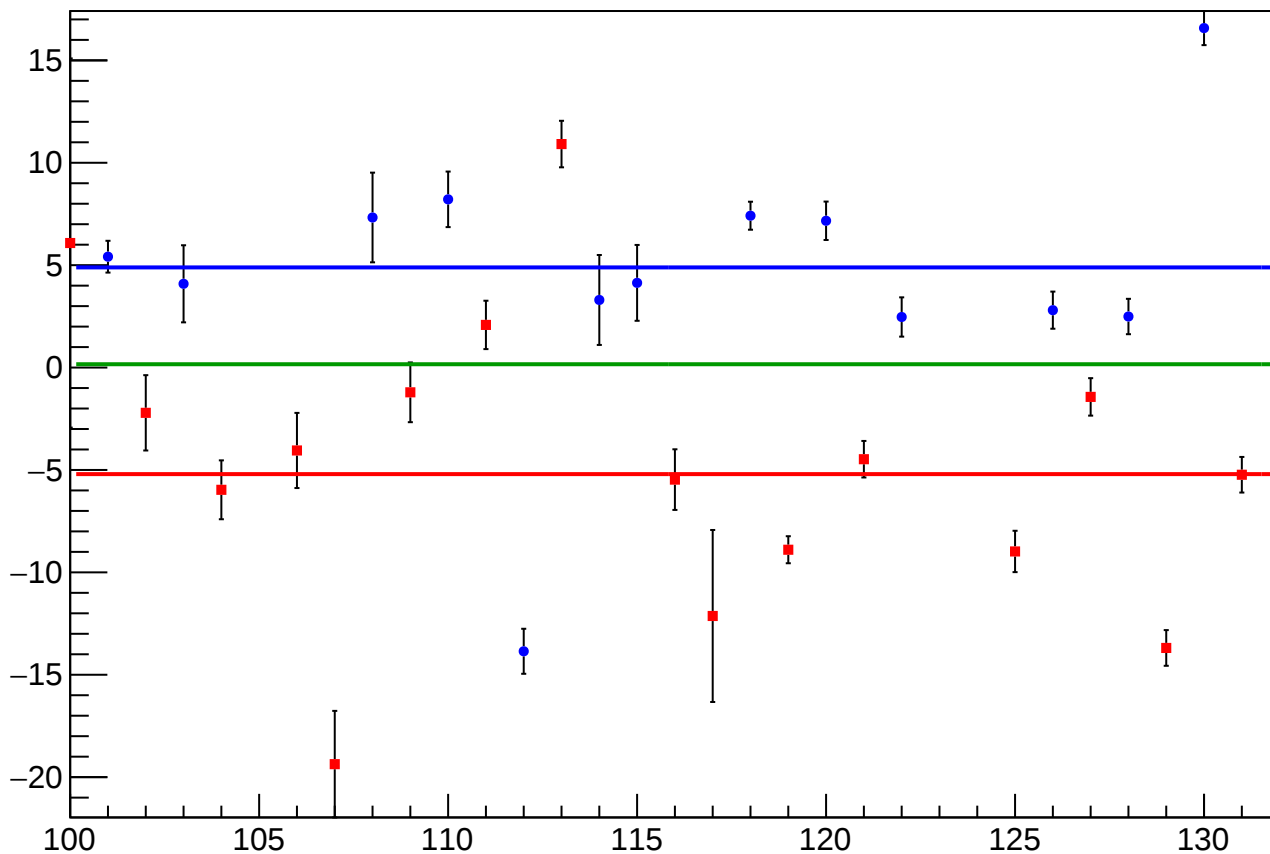
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.937+/-0.445 χ^2 /NDF: 1359.9/13

-0.785+/-0.318 χ^2 /NDF: 11439.5/29

-30.983+/-0.456 χ^2 /NDF: 1528.9/15

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.891 ± 0.270 χ^2/NDF : 543.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.203 ± 0.288 χ^2/NDF : 441.9/15

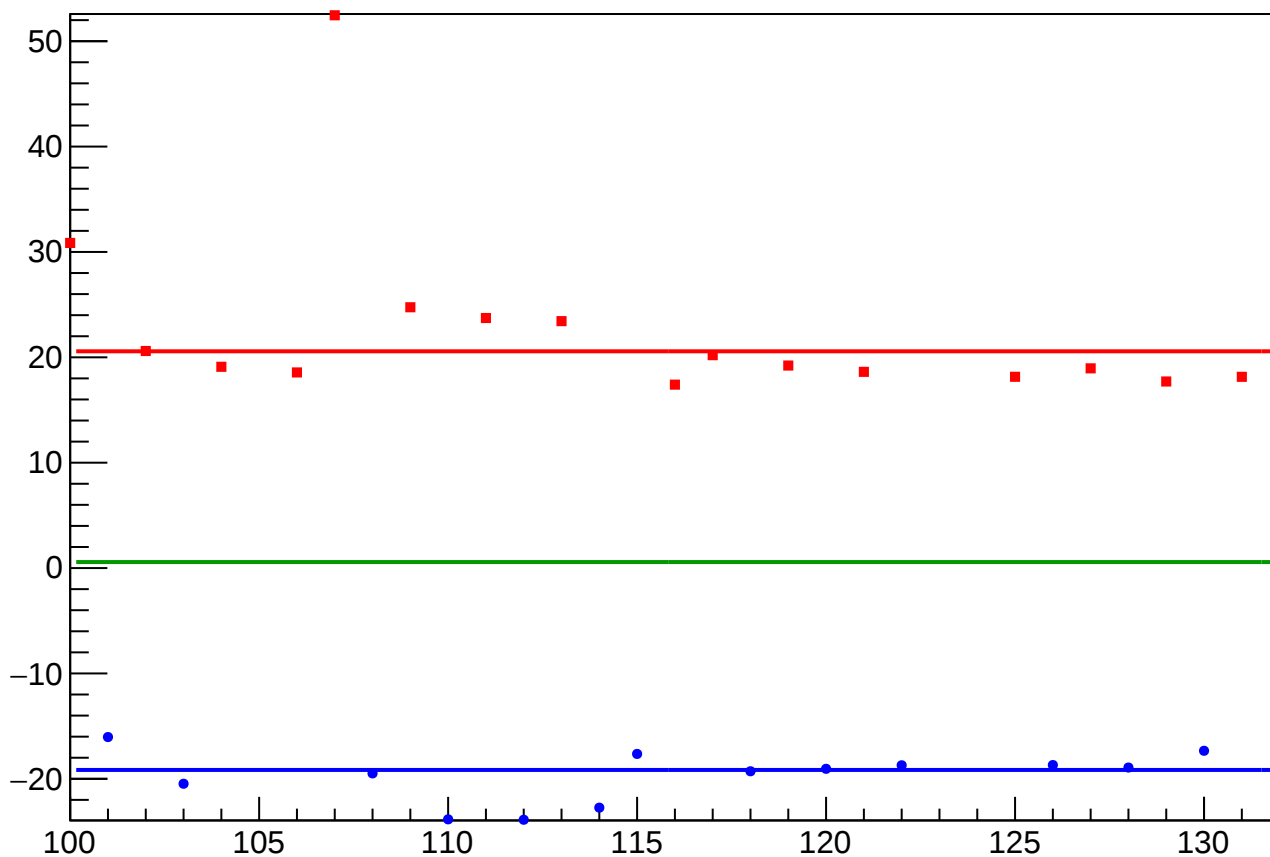
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.891 ± 0.270 χ^2/NDF : 543.8/13

0.163 ± 0.197 χ^2/NDF : 1639.8/29

-5.203 ± 0.288 χ^2/NDF : 441.9/15

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.158 $\pm$ 0.018 χ^2 /NDF: 15087.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.571 $\pm$ 0.018 χ^2 /NDF: 87121.4/15

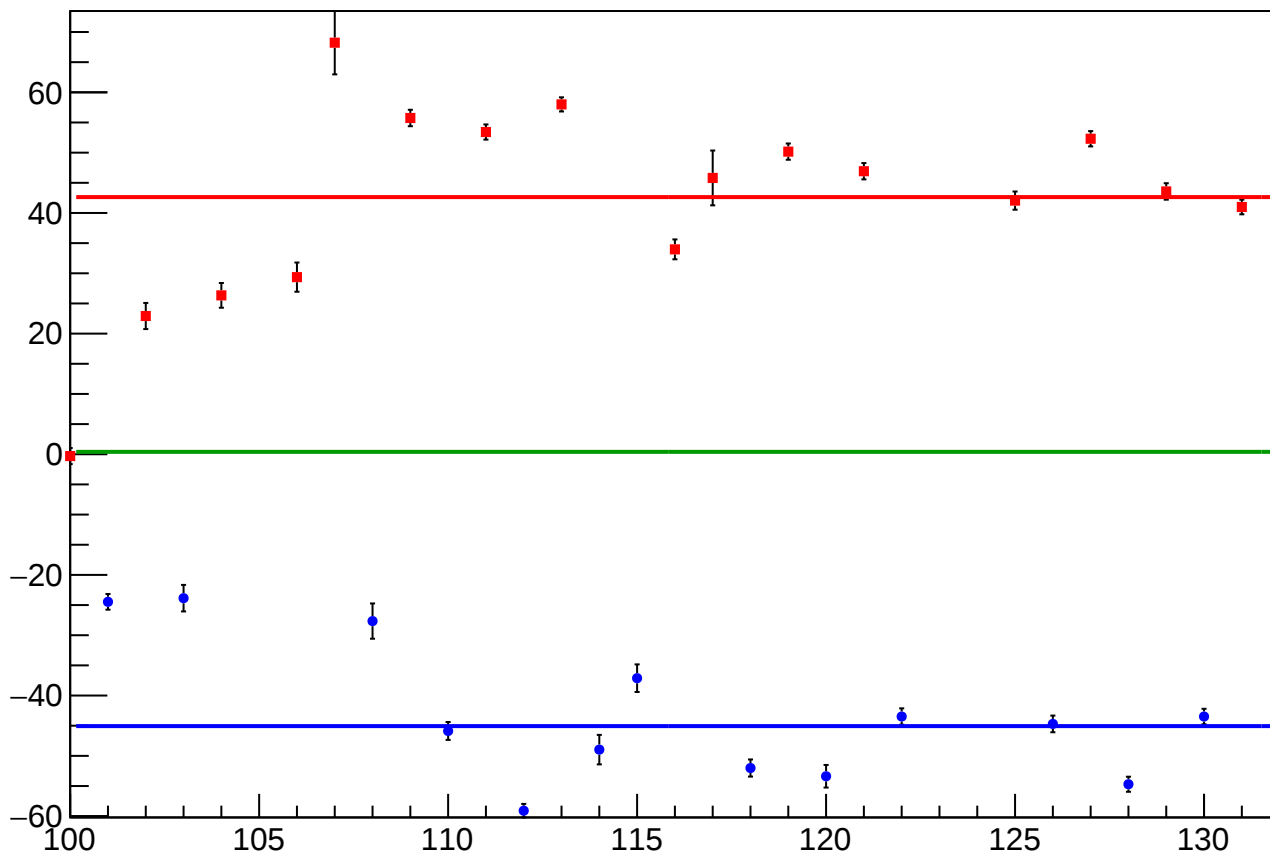
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.158 $\pm$ 0.018 χ^2 /NDF: 15087.6/13

0.570 $\pm$ 0.012 χ^2 /NDF: 2636717.1/29

20.571 $\pm$ 0.018 χ^2 /NDF: 87121.4/15

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.068 ± 0.395 χ^2/NDF : 661.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.631 ± 0.380 χ^2/NDF : 1710.0/15

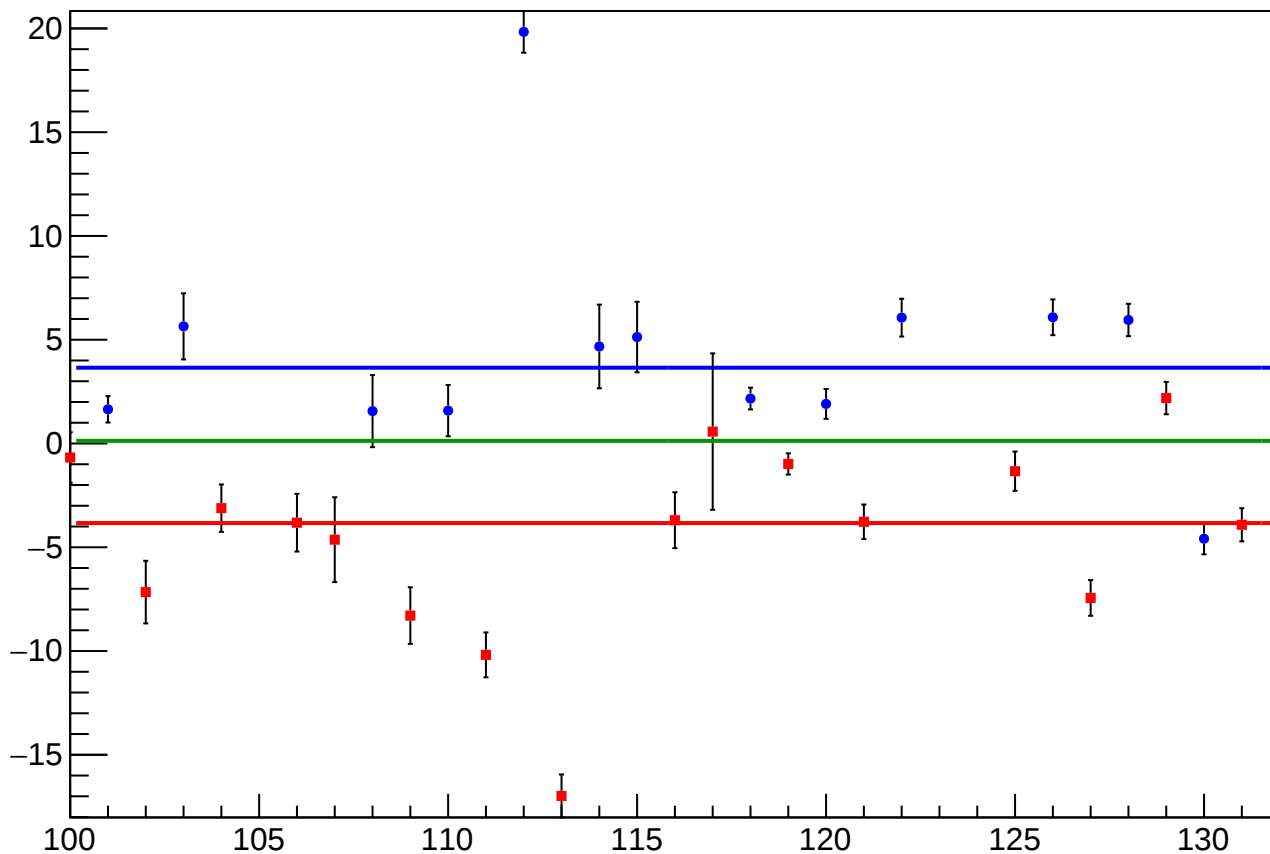
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.068 ± 0.395 χ^2/NDF : 661.1/13

0.400 ± 0.274 χ^2/NDF : 27979.1/29

42.631 ± 0.380 χ^2/NDF : 1710.0/15

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.652 ± 0.232 χ^2/NDF : 438.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.833 ± 0.246 χ^2/NDF : 334.8/15

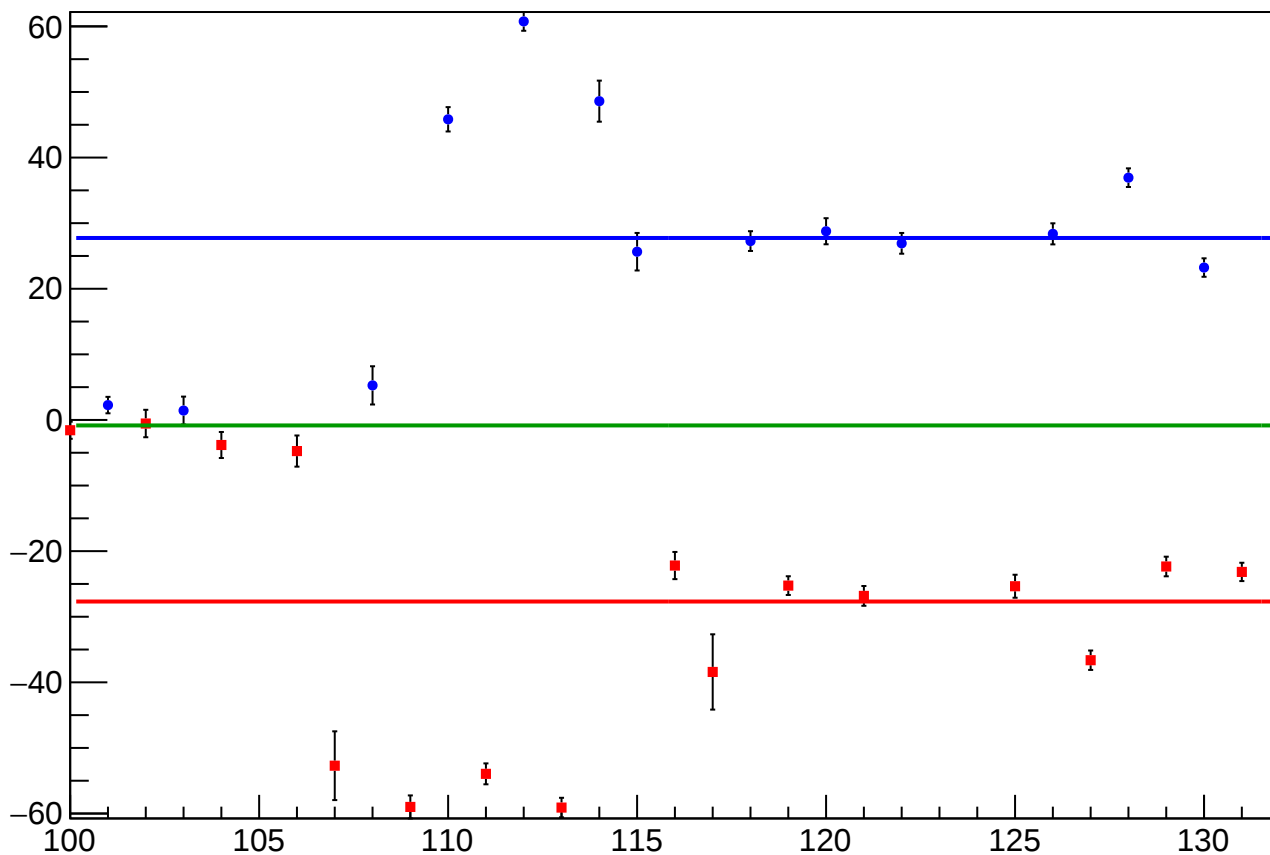
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.652 ± 0.232 χ^2/NDF : 438.8/13

0.127 ± 0.169 χ^2/NDF : 1263.3/29

-3.833 ± 0.246 χ^2/NDF : 334.8/15

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.742 $\pm$ 0.445 χ^2 /NDF: 1352.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.680 $\pm$ 0.431 χ^2 /NDF: 1938.3/15

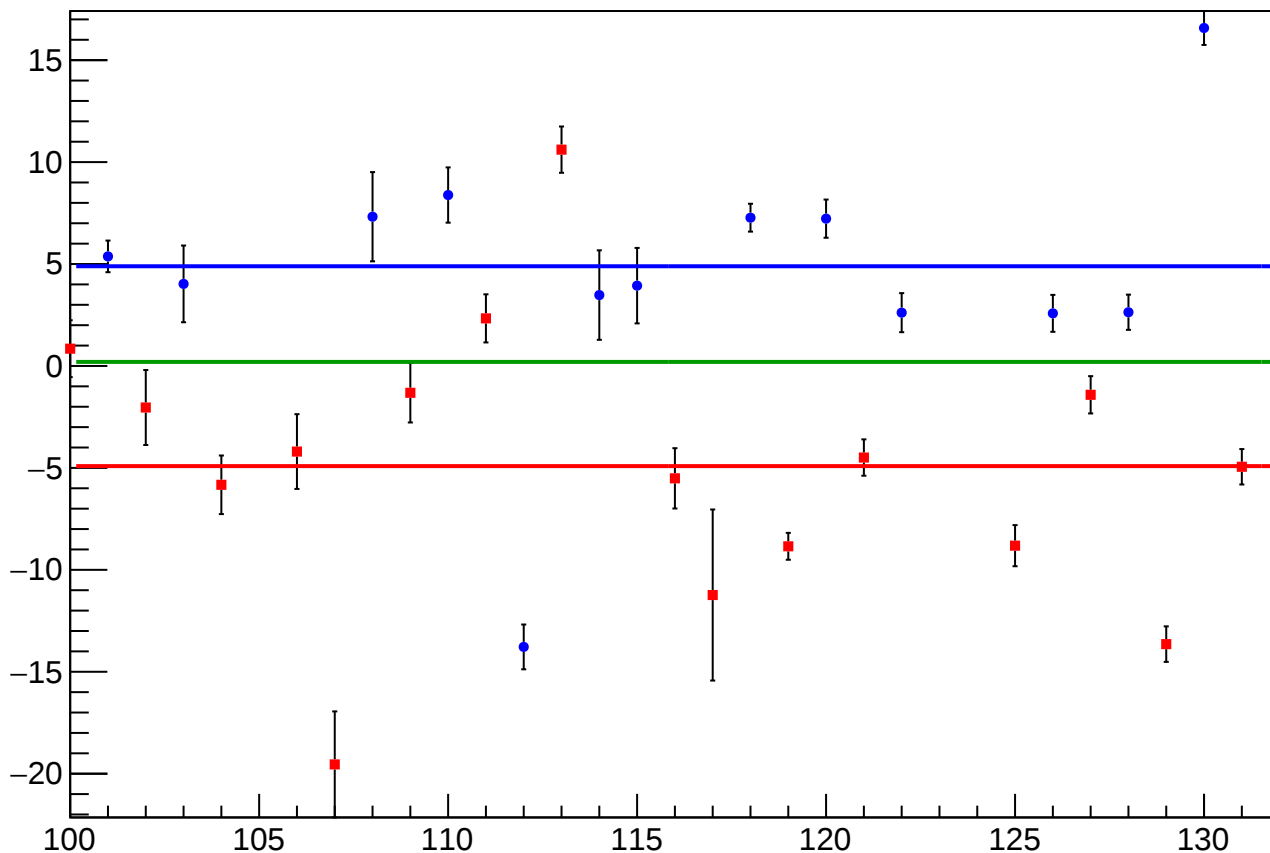
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.742 $\pm$ 0.445 χ^2 /NDF: 1352.5/13

-0.836 $\pm$ 0.309 χ^2 /NDF: 11304.1/29

-27.680 $\pm$ 0.431 χ^2 /NDF: 1938.3/15

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.891 $\pm$ 0.270 χ^2 /NDF: 540.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.912 $\pm$ 0.282 χ^2 /NDF: 450.8/15

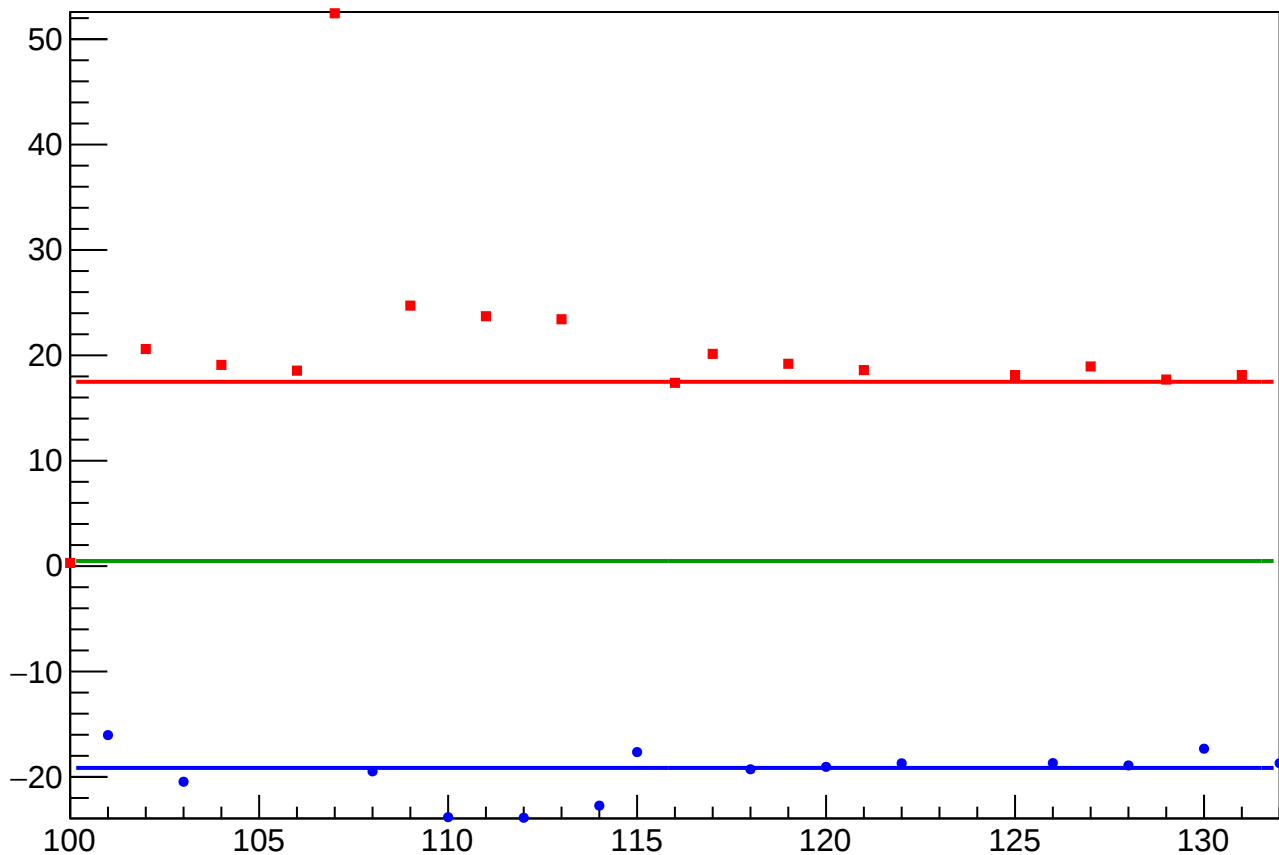
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.891 $\pm$ 0.270 χ^2 /NDF: 540.6/13

0.199 $\pm$ 0.195 χ^2 /NDF: 1622.7/29

-4.912 $\pm$ 0.282 χ^2 /NDF: 450.8/15

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.148 ± 0.018 $\chi^2/\text{NDF}: 15076.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.491 ± 0.016 $\chi^2/\text{NDF}: 280183.8/15$

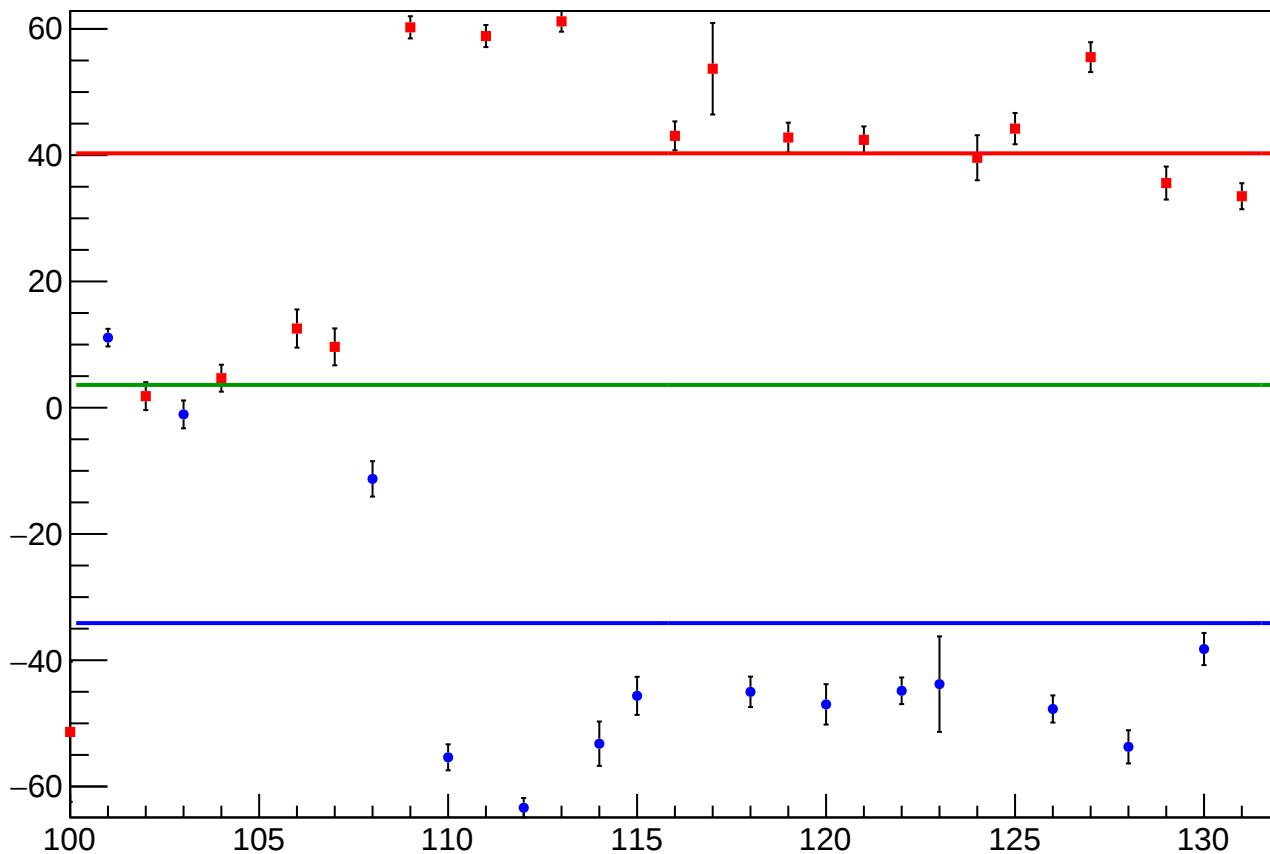
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.148 ± 0.018 $\chi^2/\text{NDF}: 15076.4/13$

0.490 ± 0.012 $\chi^2/\text{NDF}: 2624759.1/29$

17.491 ± 0.016 $\chi^2/\text{NDF}: 280183.8/15$

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.118 $\pm$ 0.577 χ^2 /NDF: 2016.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.291 $\pm$ 0.569 χ^2 /NDF: 1314.3/16

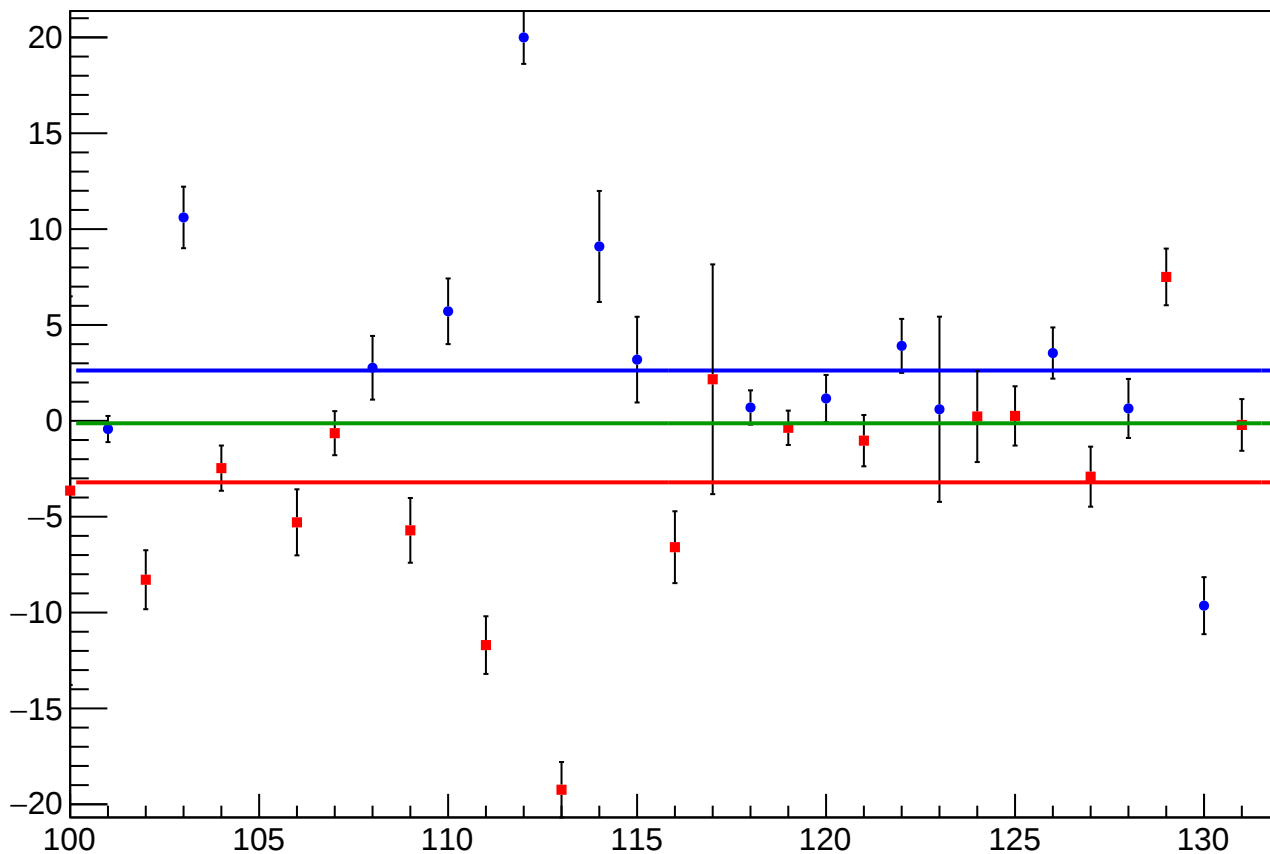
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-34.118 $\pm$ 0.577 χ^2 /NDF: 2016.1/14

3.607 $\pm$ 0.405 χ^2 /NDF: 11771.3/31

40.291 $\pm$ 0.569 χ^2 /NDF: 1314.3/16

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.626+/-0.342 χ^2/NDF : 290.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.209+/-0.362 χ^2/NDF : 256.2/16

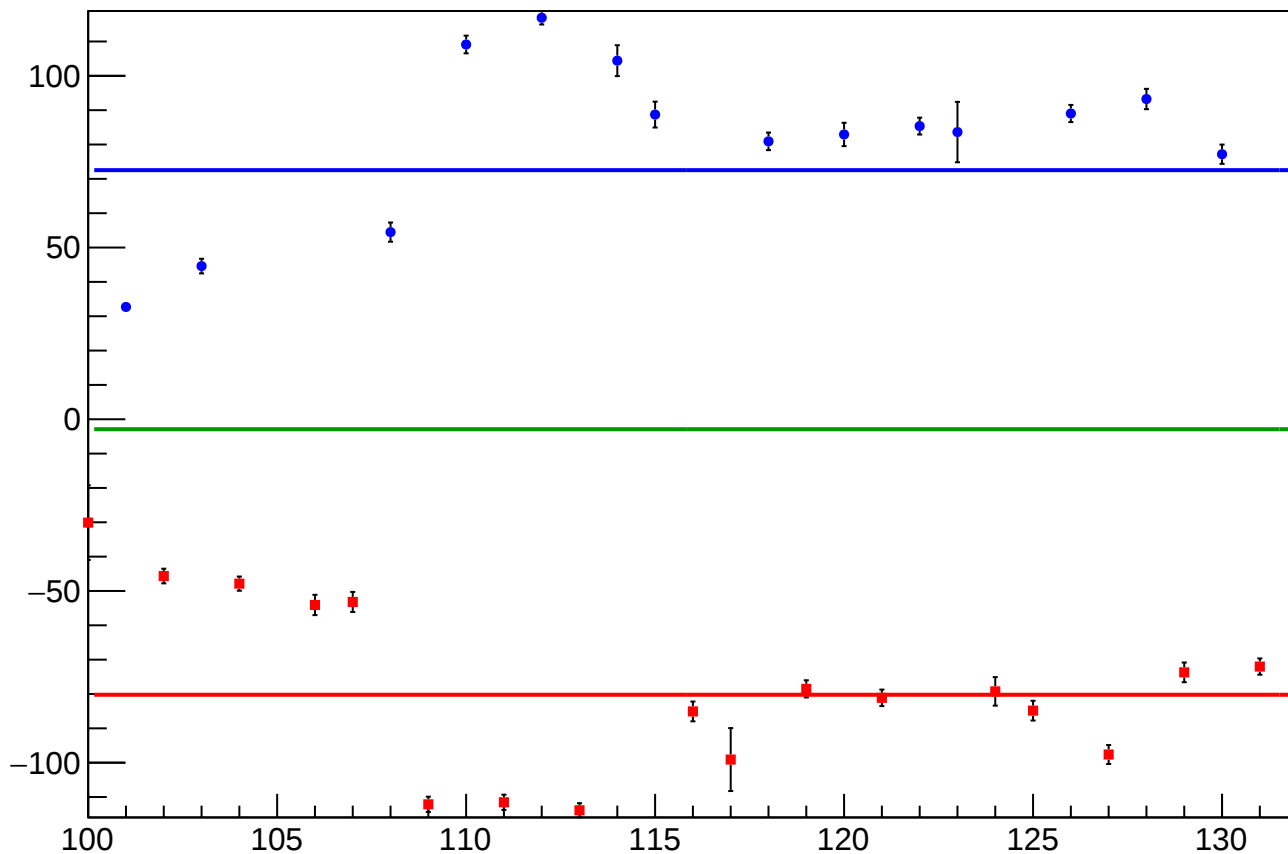
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.626+/-0.342 χ^2/NDF : 290.9/14

-0.127+/-0.248 χ^2/NDF : 684.5/31

-3.209+/-0.362 χ^2/NDF : 256.2/16

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.537 $\pm$ 0.637 χ^2 /NDF: 2019.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -80.219 $\pm$ 0.645 χ^2 /NDF: 1425.6/16

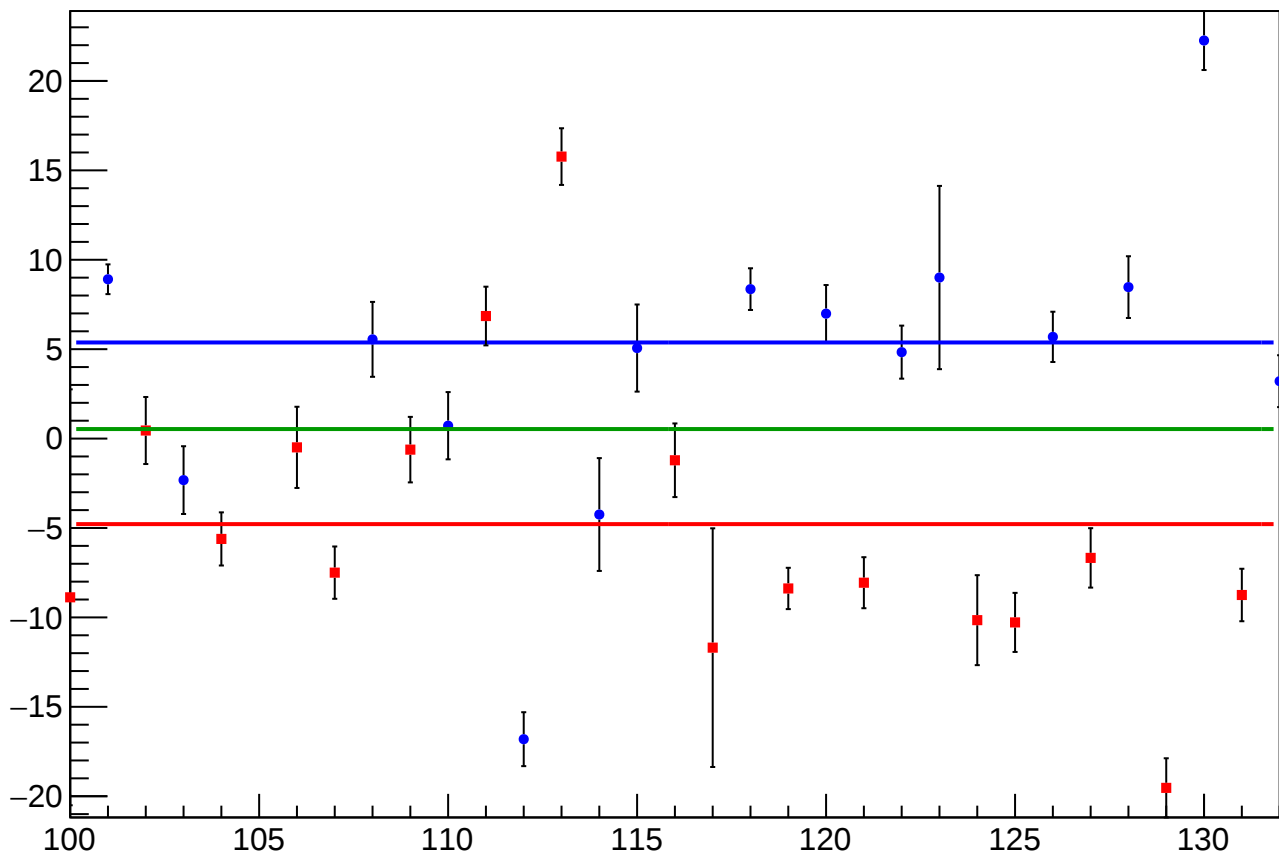
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

72.537 $\pm$ 0.637 χ^2 /NDF: 2019.9/14

-2.899 $\pm$ 0.453 χ^2 /NDF: 31842.8/31

-80.219 $\pm$ 0.645 χ^2 /NDF: 1425.6/16

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.375+/-0.400 χ^2/NDF : 385.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.783+/-0.419 χ^2/NDF : 361.6/16

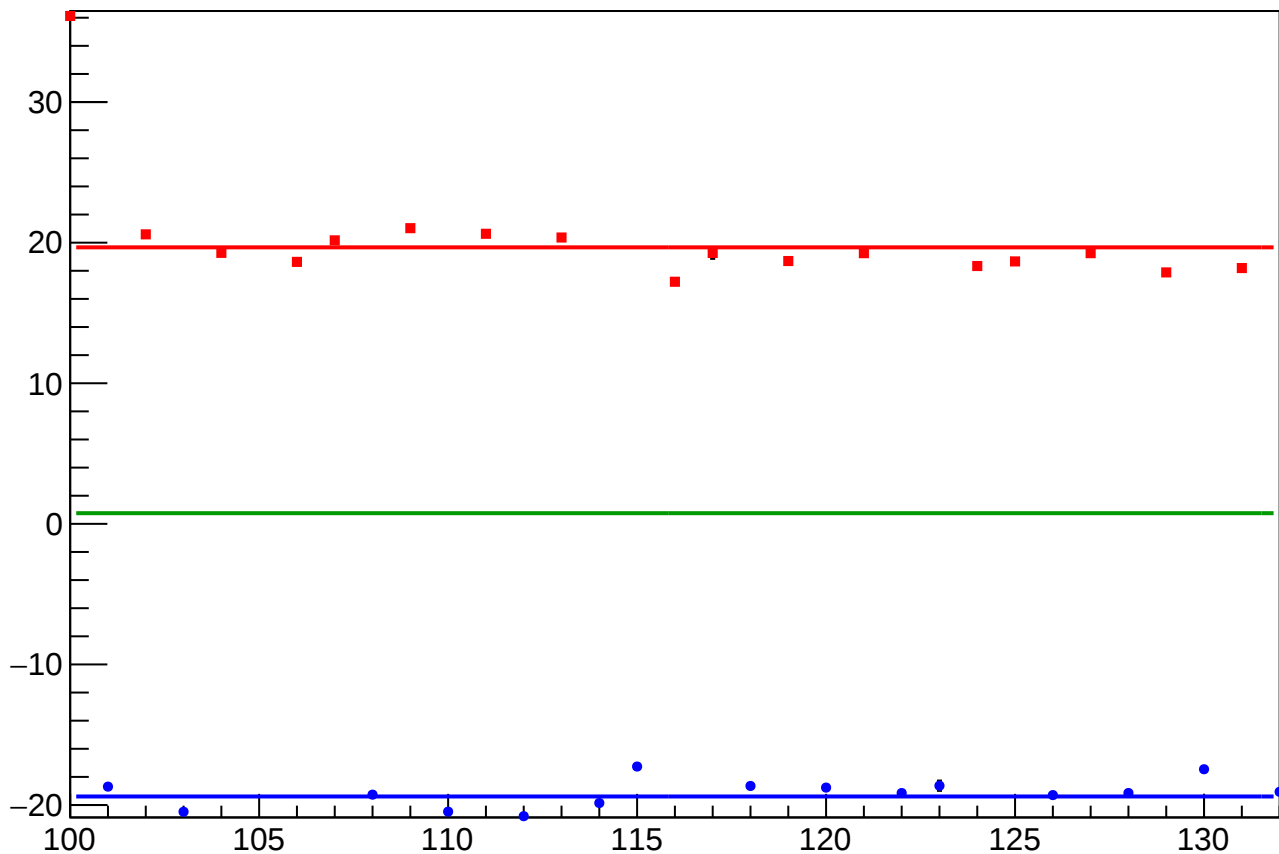
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.375+/-0.400 χ^2/NDF : 385.0/14

0.533+/-0.289 χ^2/NDF : 1053.9/31

-4.783+/-0.419 χ^2/NDF : 361.6/16

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.392 ± 0.023 χ^2/NDF : 1560.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.667 ± 0.022 χ^2/NDF : 4142.4/16

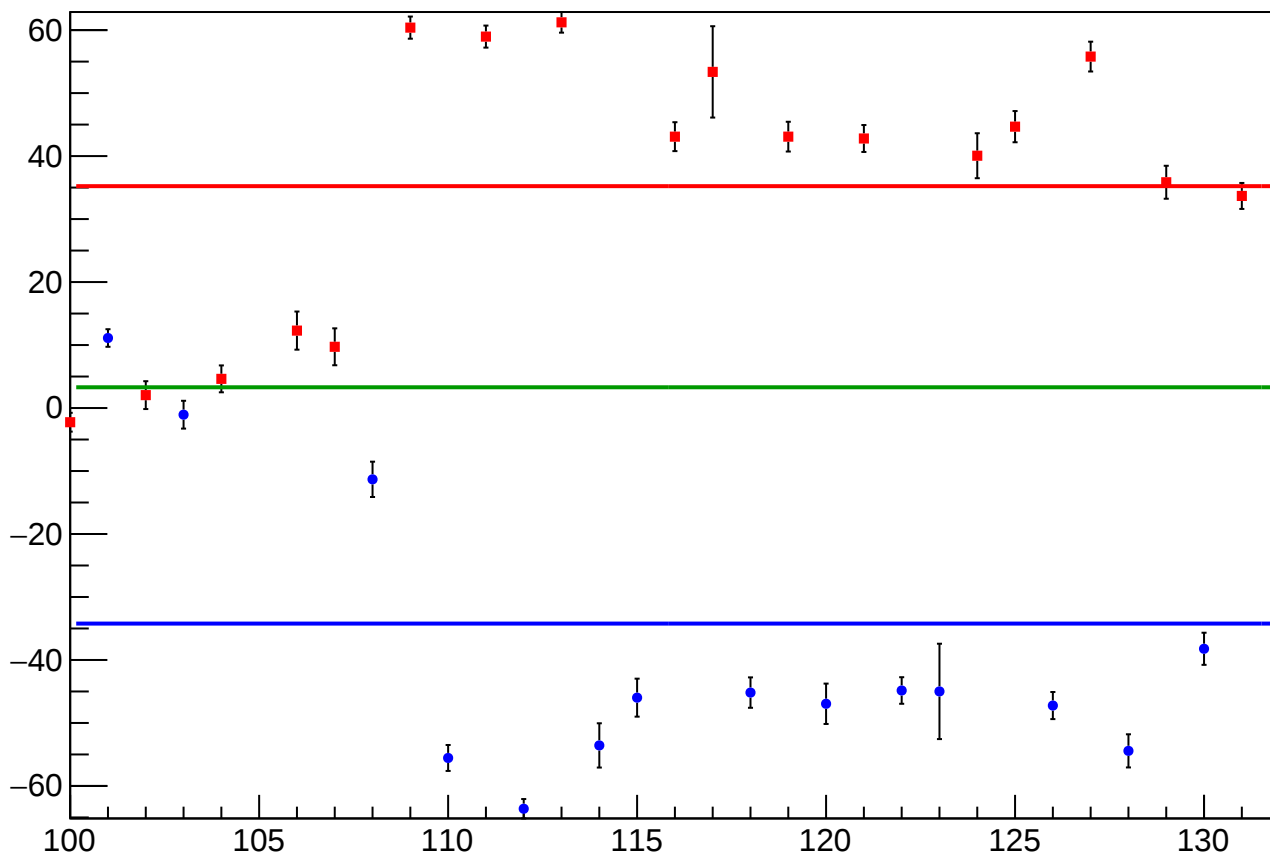
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-19.392 ± 0.023 χ^2/NDF : 1560.2/14

0.758 ± 0.016 χ^2/NDF : 1502526.6/31

19.667 ± 0.022 χ^2/NDF : 4142.4/16

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.222 ± 0.577 χ^2/NDF : 2027.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.225 ± 0.532 χ^2/NDF : 1969.9/16

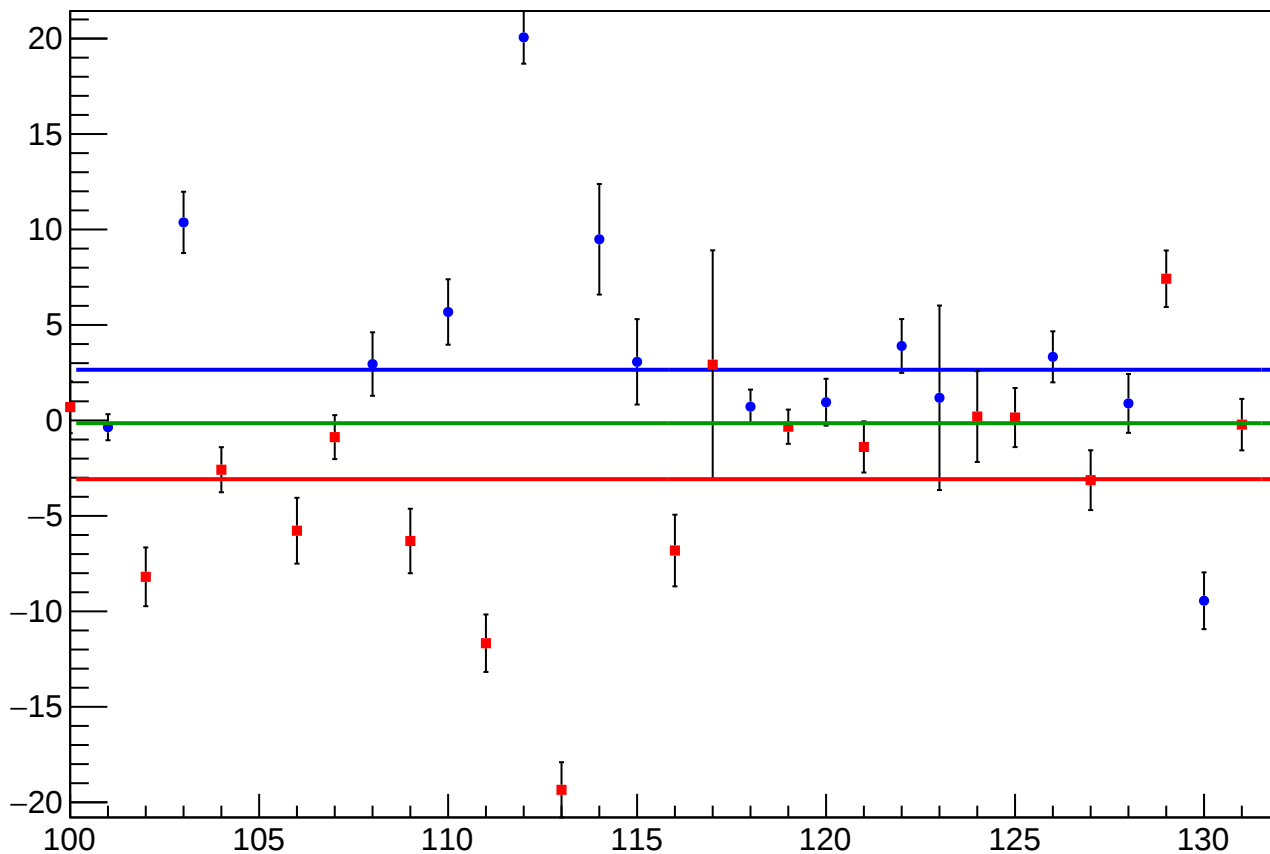
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.222 ± 0.577 χ^2/NDF : 2027.1/14

3.294 ± 0.391 χ^2/NDF : 11823.3/31

35.225 ± 0.532 χ^2/NDF : 1969.9/16

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.654+/-0.342 χ^2/NDF : 287.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.076+/-0.350 χ^2/NDF : 264.8/16

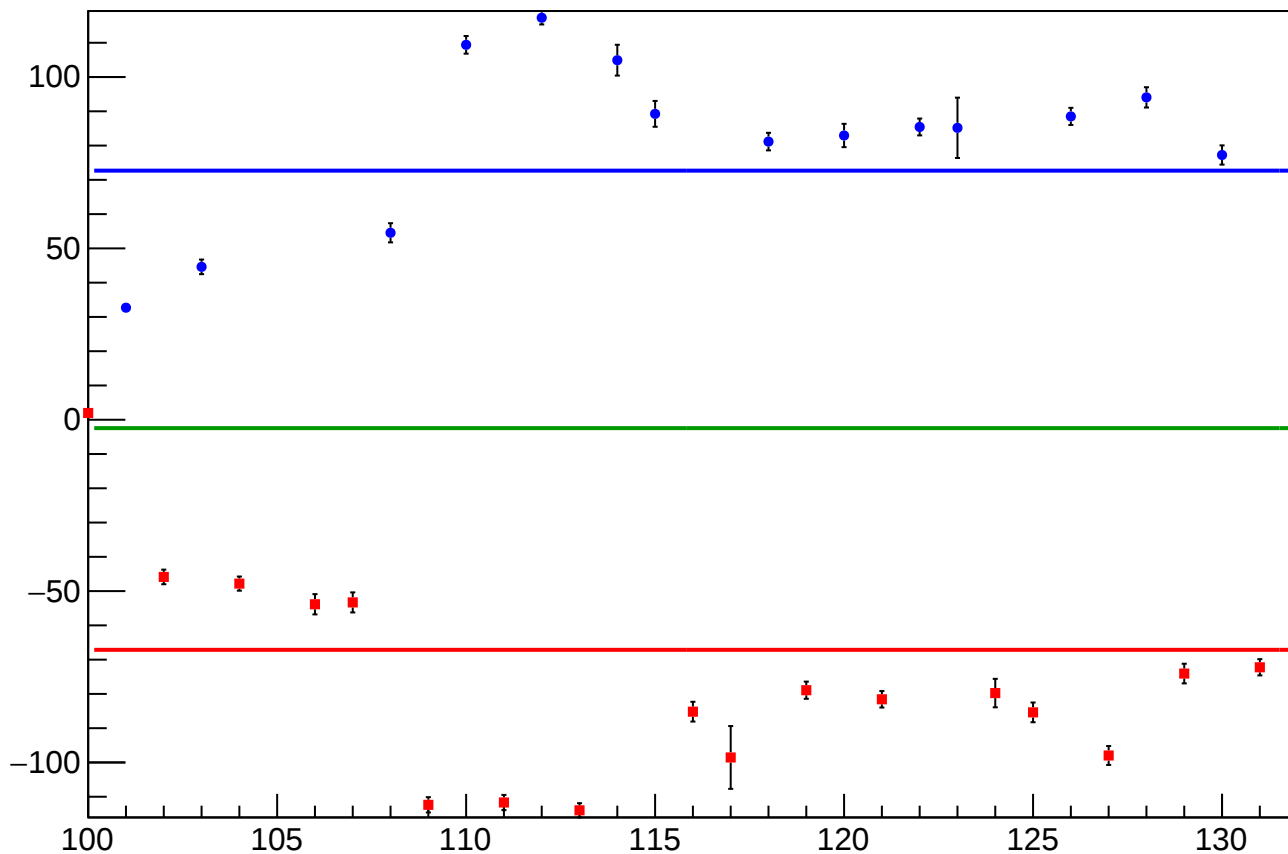
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.654+/-0.342 χ^2/NDF : 287.9/14

-0.145+/-0.245 χ^2/NDF : 689.7/31

-3.076+/-0.350 χ^2/NDF : 264.8/16

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.686 $\pm$ 0.637 χ^2 /NDF: 2035.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.136 $\pm$ 0.591 χ^2 /NDF: 4068.3/16

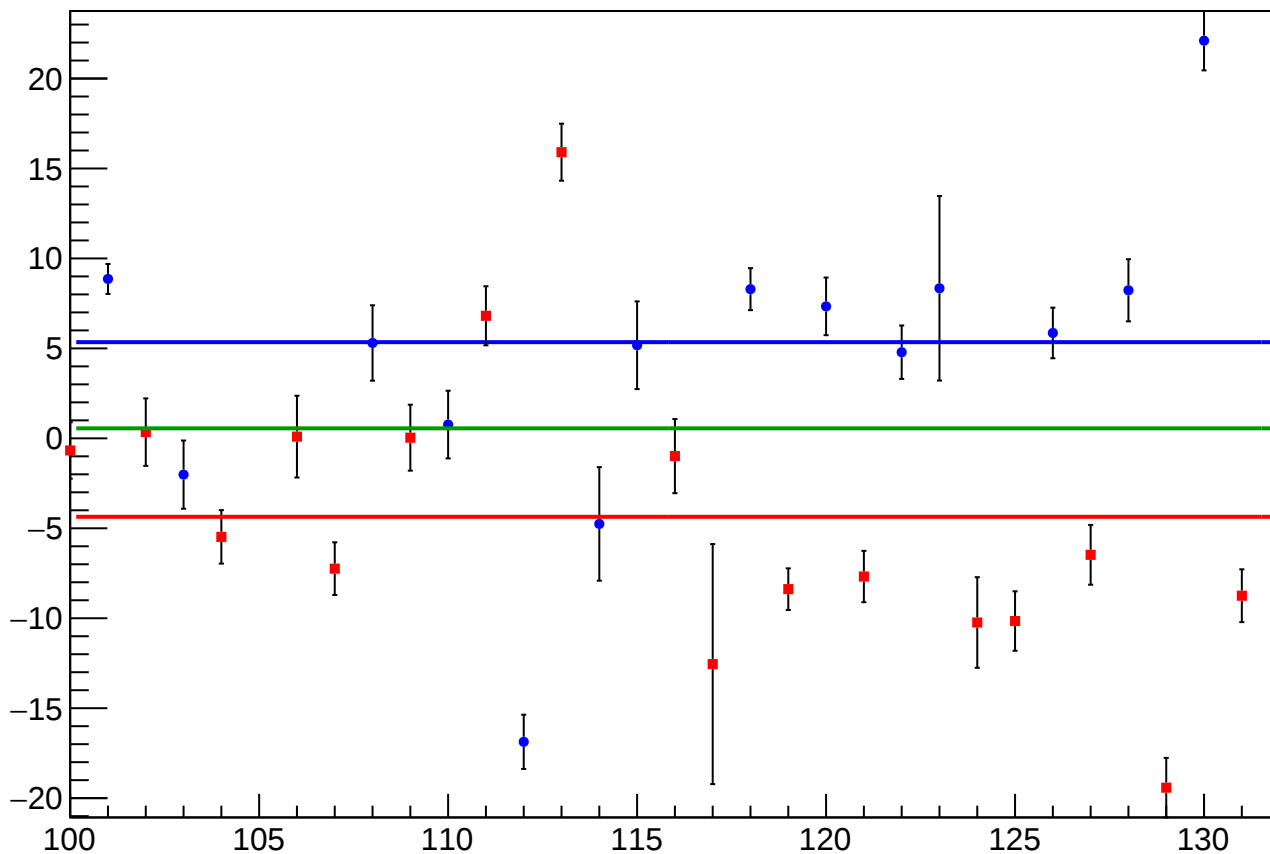
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.686 $\pm$ 0.637 χ^2 /NDF: 2035.6/14

-2.447 $\pm$ 0.434 χ^2 /NDF: 31964.2/31

-67.136 $\pm$ 0.591 χ^2 /NDF: 4068.3/16

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.347 ± 0.400 χ^2/NDF : 383.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.361 ± 0.406 χ^2/NDF : 368.2/16

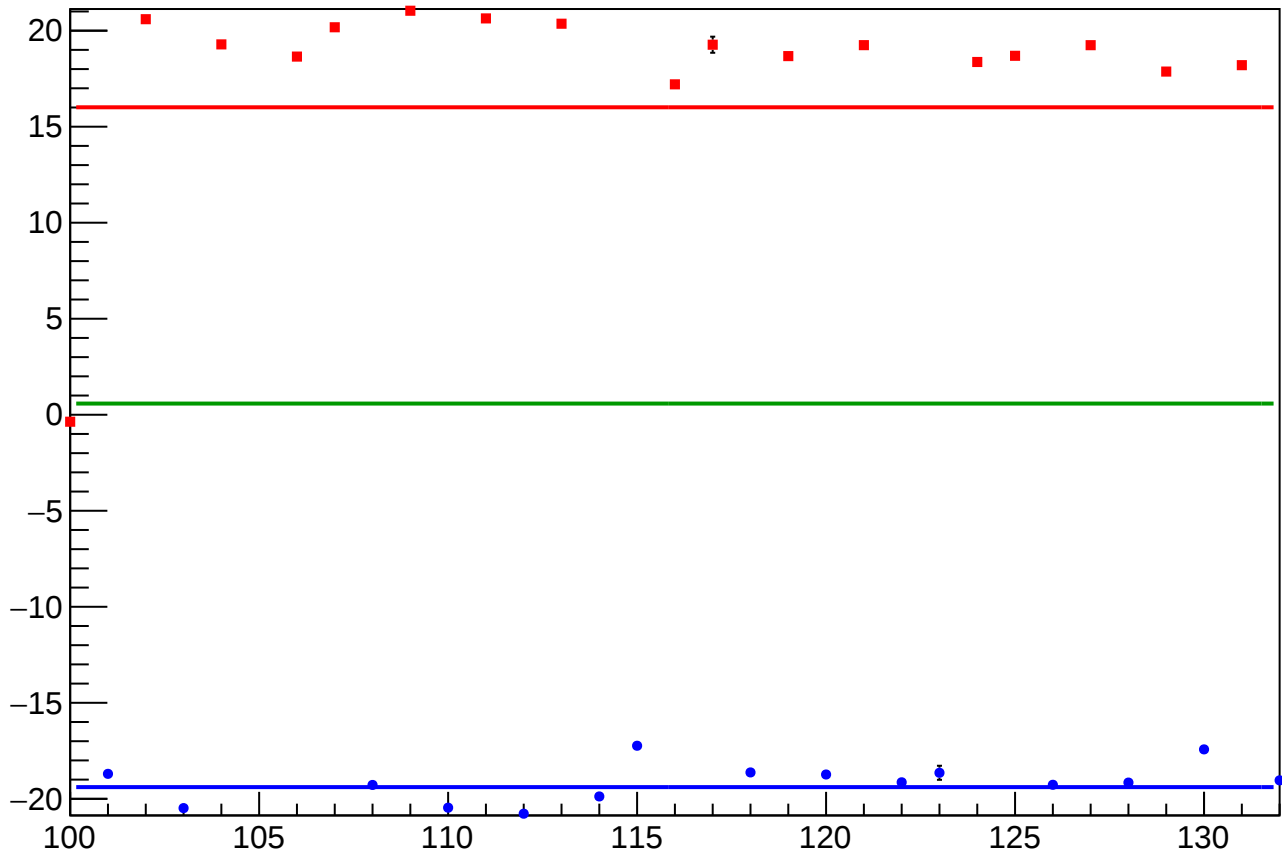
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.347 ± 0.400 χ^2/NDF : 383.0/14

0.555 ± 0.285 χ^2/NDF : 1041.5/31

-4.361 ± 0.406 χ^2/NDF : 368.2/16

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.390 ± 0.023 $\chi^2/\text{NDF}: 1568.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.010 ± 0.020 $\chi^2/\text{NDF}: 146818.8/16$

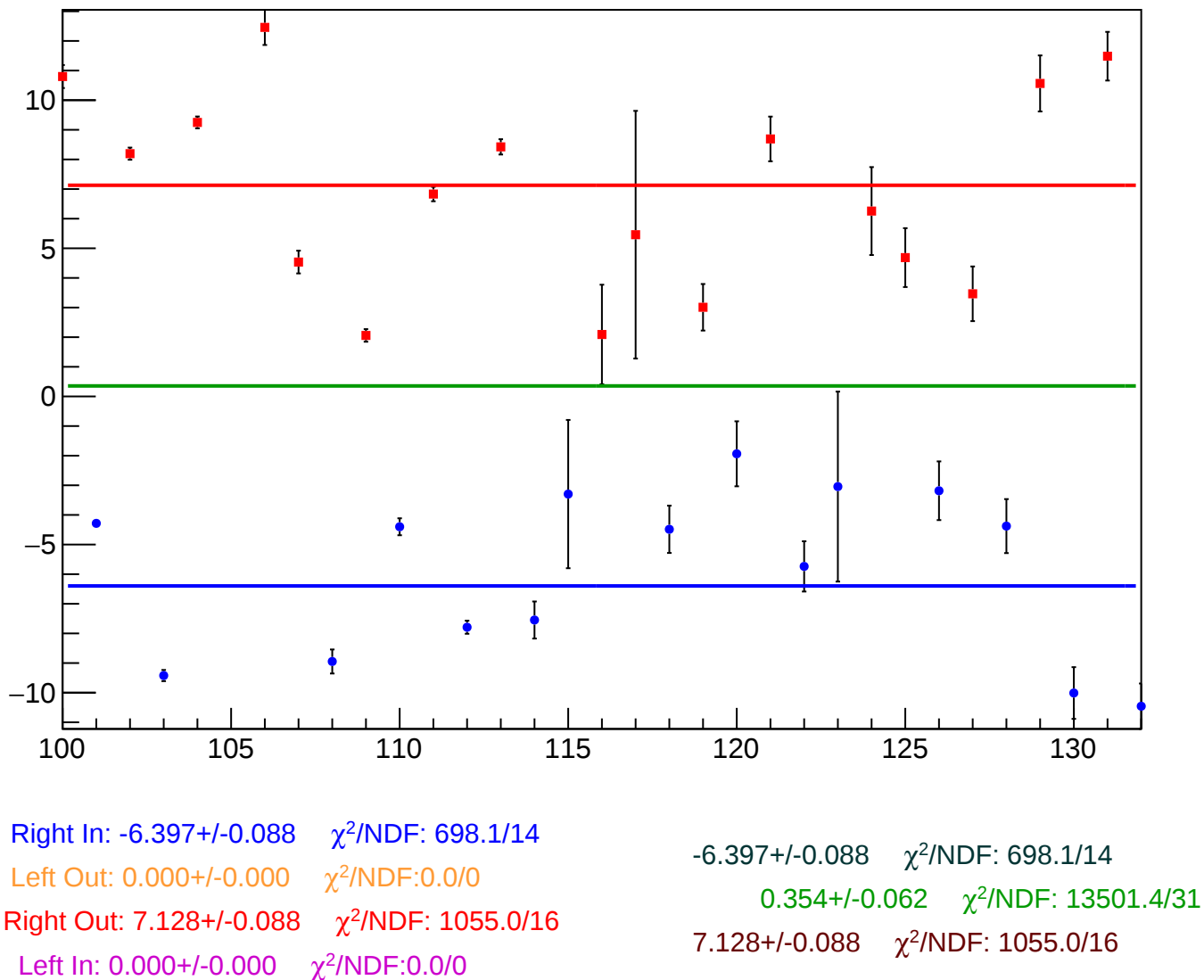
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.390 ± 0.023 $\chi^2/\text{NDF}: 1568.7/14$

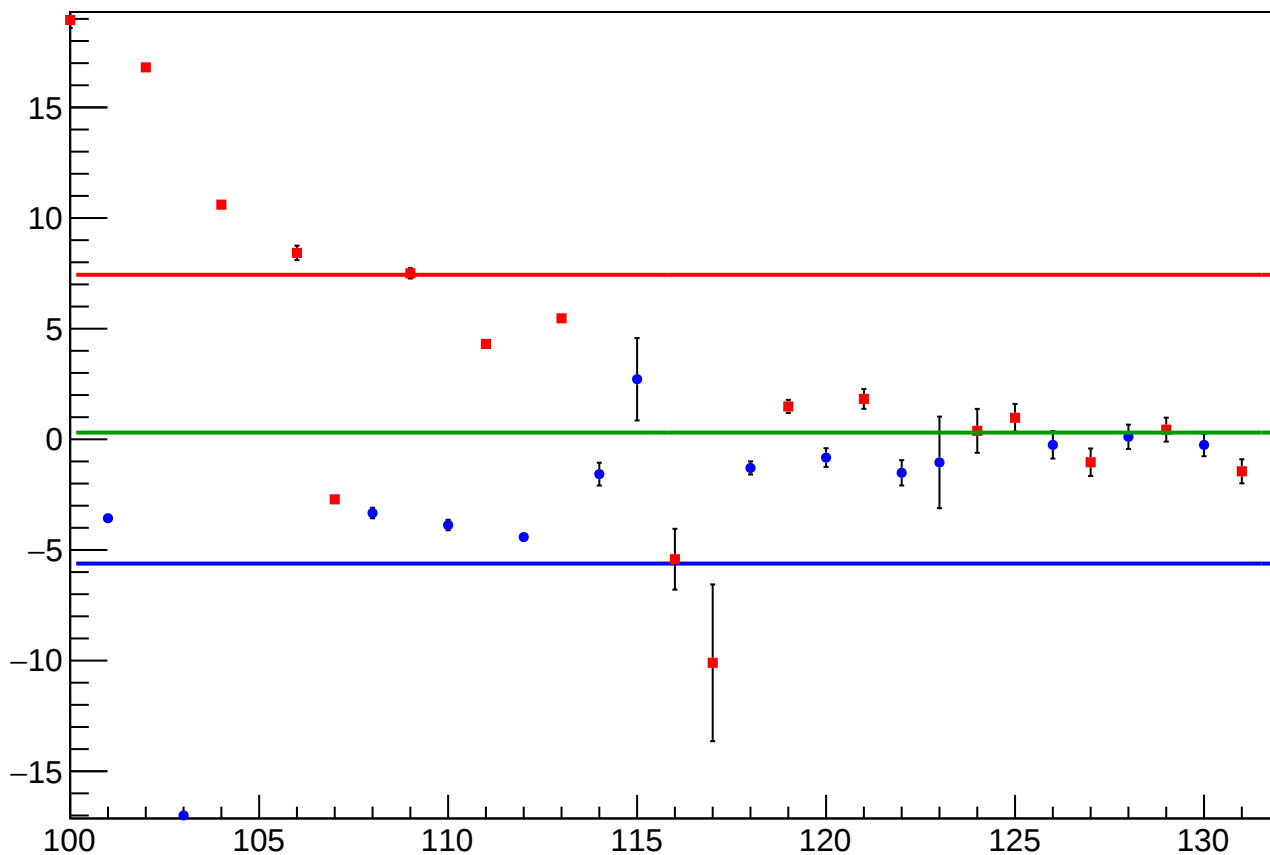
0.582 ± 0.015 $\chi^2/\text{NDF}: 1491589.8/31$

16.010 ± 0.020 $\chi^2/\text{NDF}: 146818.8/16$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.616+/-0.056 χ^2/NDF : 8977.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.435+/-0.062 χ^2/NDF : 11869.4/16

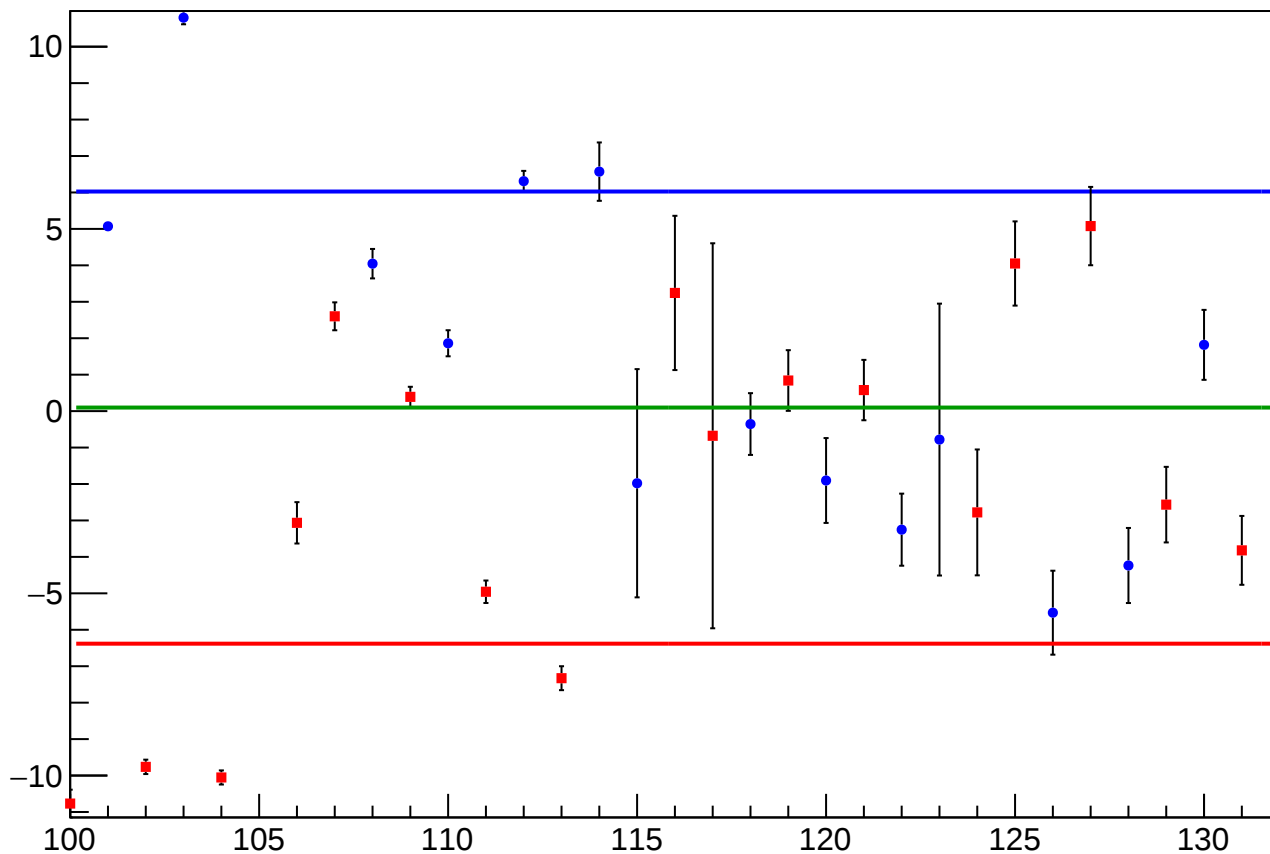
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.616+/-0.056 χ^2/NDF : 8977.2/14

0.304+/-0.042 χ^2/NDF : 45317.0/31

7.435+/-0.062 χ^2/NDF : 11869.4/16

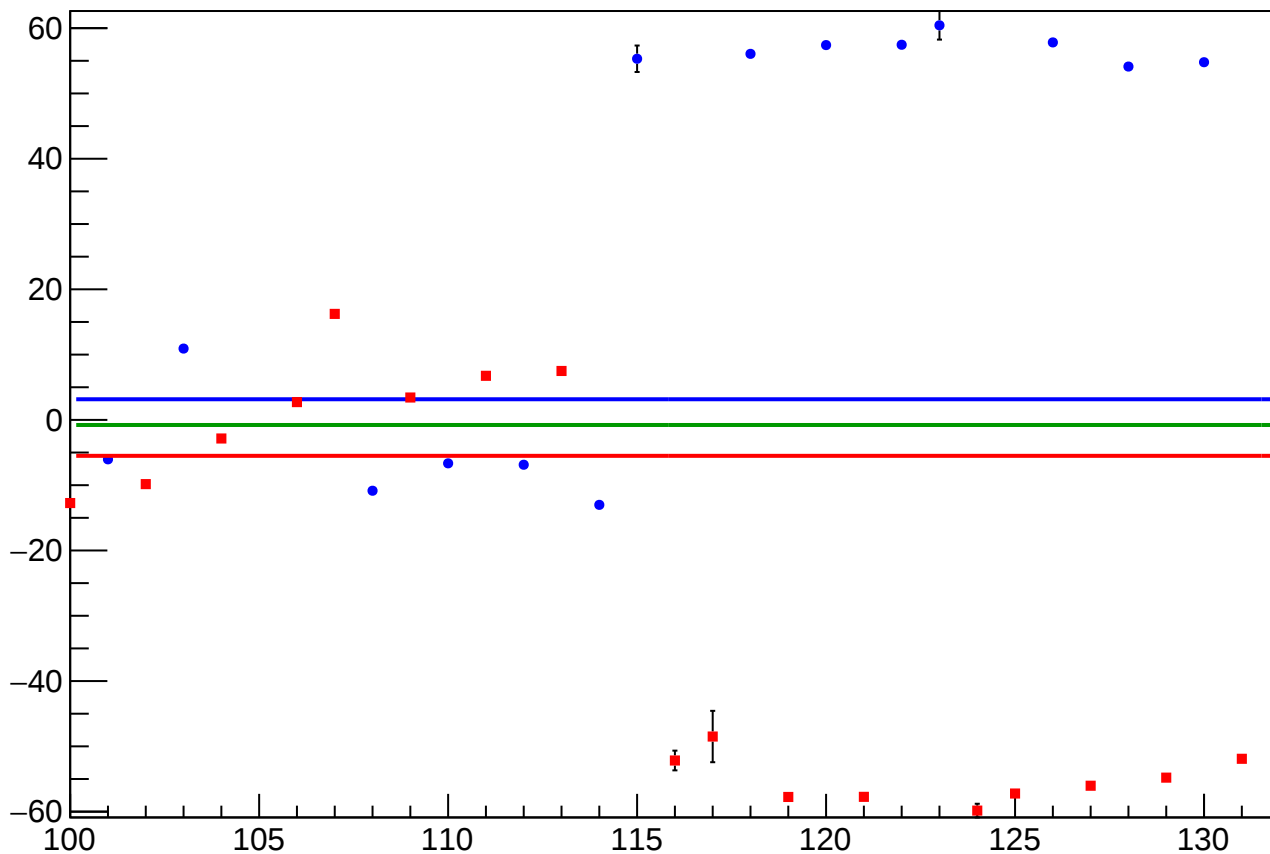
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.026 $\pm$ 0.092 χ^2 /NDF: 1328.8/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -6.382 $\pm$ 0.096 χ^2 /NDF: 2386.8/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.026 $\pm$ 0.092 χ^2 /NDF: 1328.8/14
 0.098 $\pm$ 0.066 χ^2 /NDF: 12489.3/31
 -6.382 $\pm$ 0.096 χ^2 /NDF: 2386.8/16

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.161+/-0.067 χ^2/NDF : 85060.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.503+/-0.073 χ^2/NDF : 79380.0/16

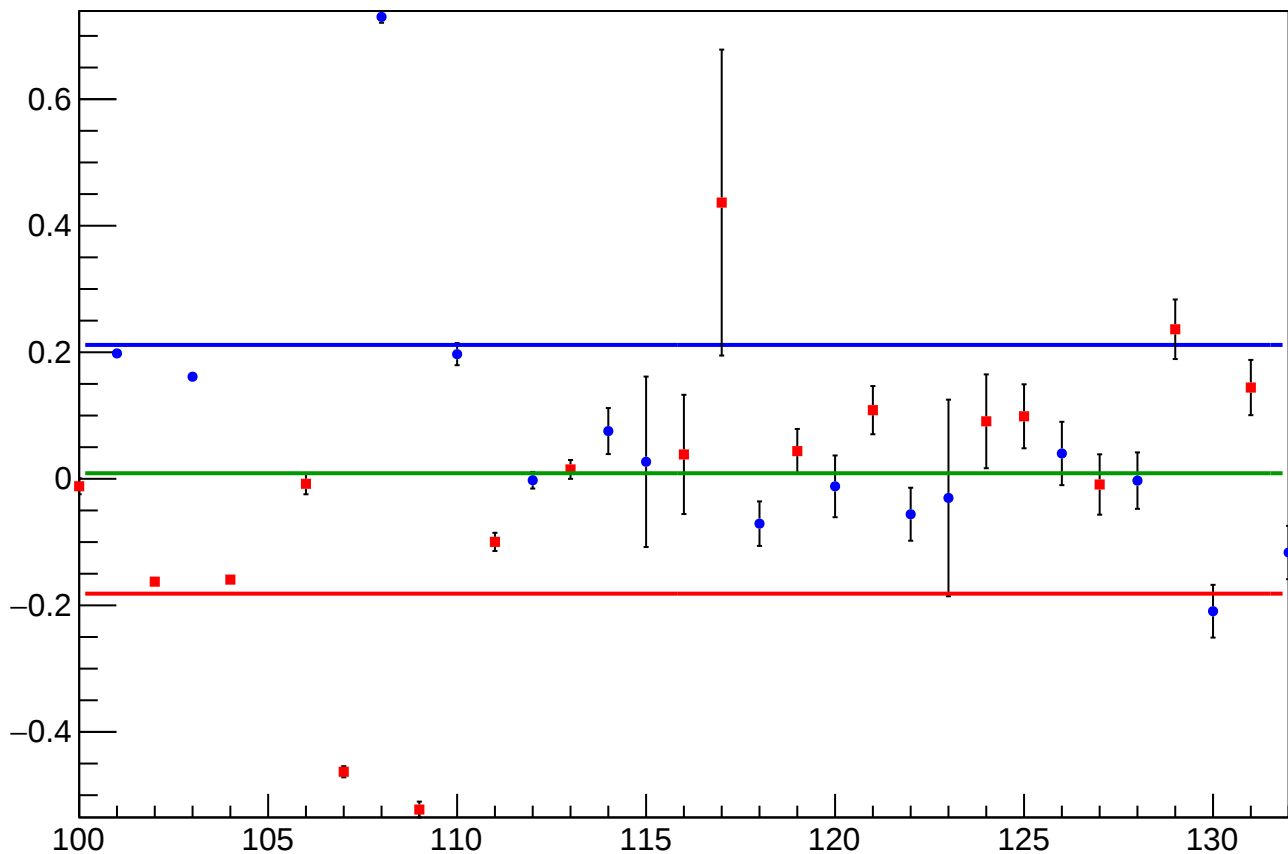
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.161+/-0.067 χ^2/NDF : 85060.2/14

-0.779+/-0.049 χ^2/NDF : 172086.6/31

-5.503+/-0.073 χ^2/NDF : 79380.0/16

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.212 $\pm$ 0.003 χ^2 /NDF: 3884.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.181 $\pm$ 0.003 χ^2 /NDF: 2603.3/16

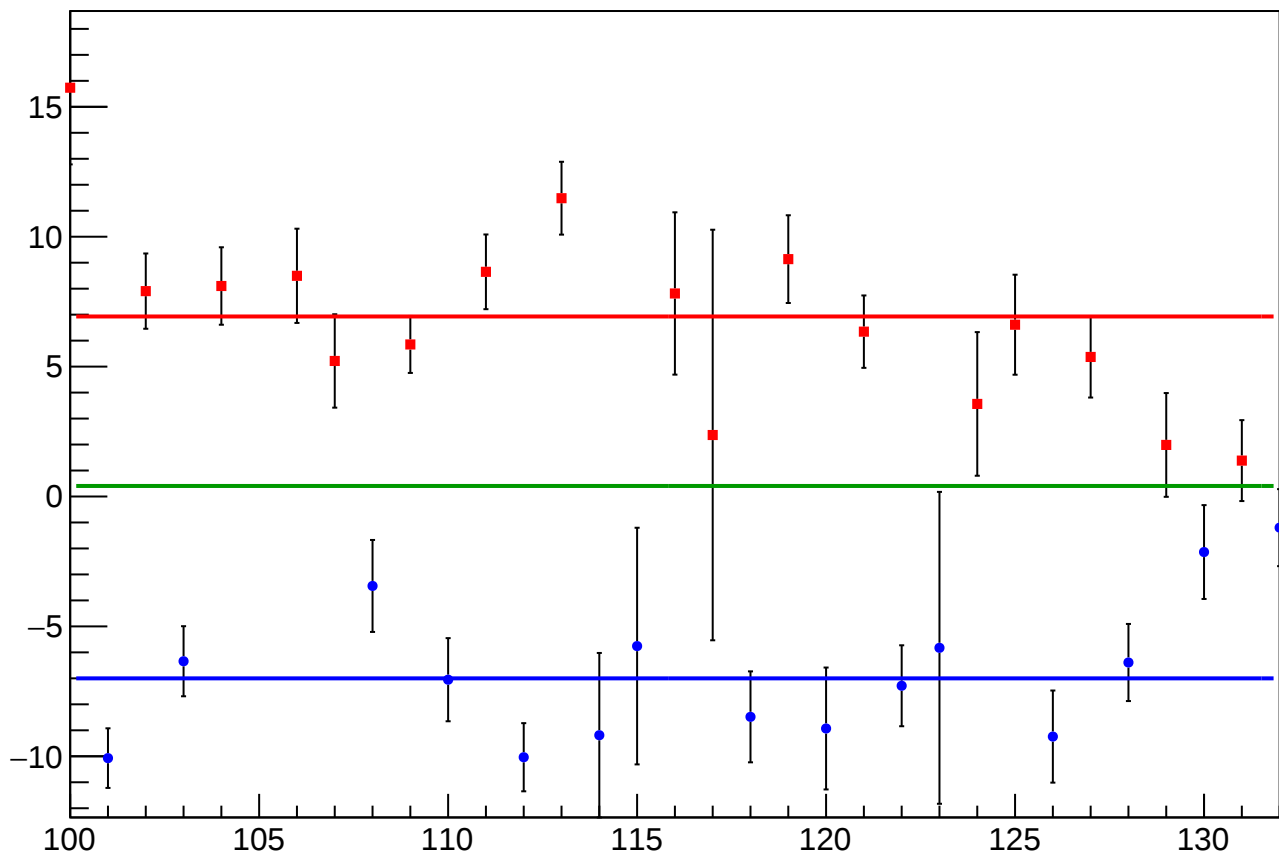
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.212 $\pm$ 0.003 χ^2 /NDF: 3884.6/14

0.009 $\pm$ 0.002 χ^2 /NDF: 16302.4/31

-0.181 $\pm$ 0.003 χ^2 /NDF: 2603.3/16

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.001+/-0.437 χ^2/NDF : 43.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.930+/-0.410 χ^2/NDF : 48.2/16

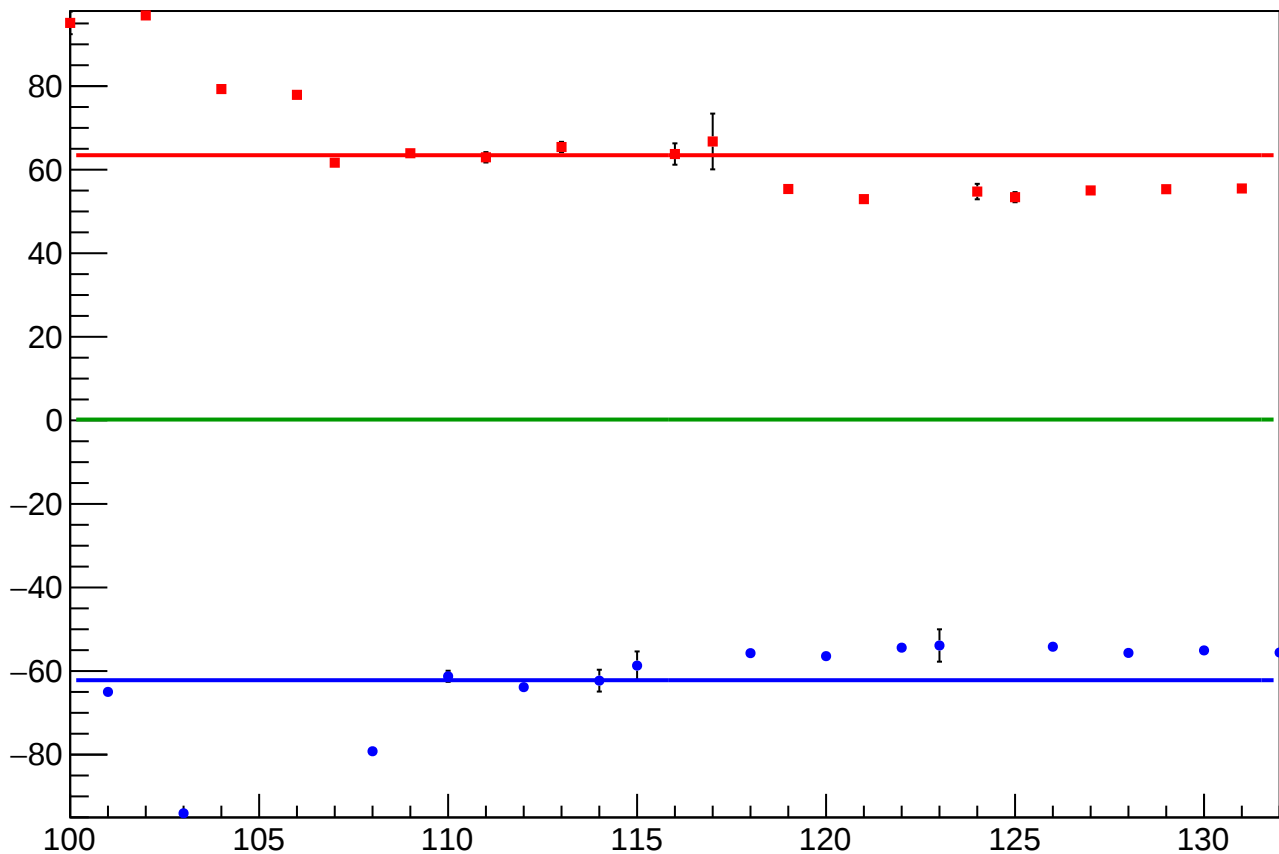
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.001+/-0.437 χ^2/NDF : 43.1/14

0.406+/-0.299 χ^2/NDF : 630.9/31

6.930+/-0.410 χ^2/NDF : 48.2/16

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.191+/-0.260 χ^2/NDF : 1682.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.461+/-0.262 χ^2/NDF : 2228.6/16

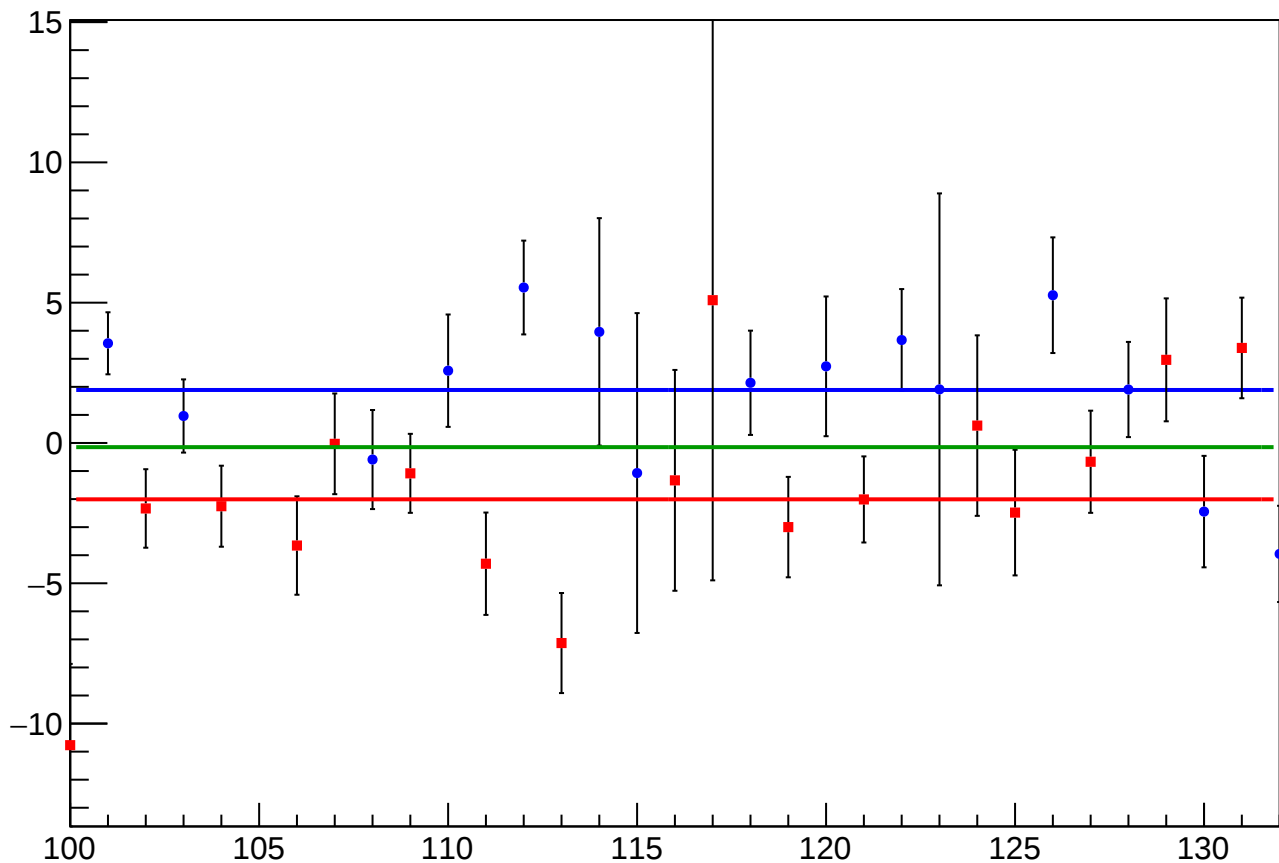
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.191+/-0.260 χ^2/NDF : 1682.0/14

0.196+/-0.185 χ^2/NDF : 119754.9/31

63.461+/-0.262 χ^2/NDF : 2228.6/16

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.889 $\pm$ 0.478 χ^2 /NDF: 30.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.008 $\pm$ 0.457 χ^2 /NDF: 37.9/16

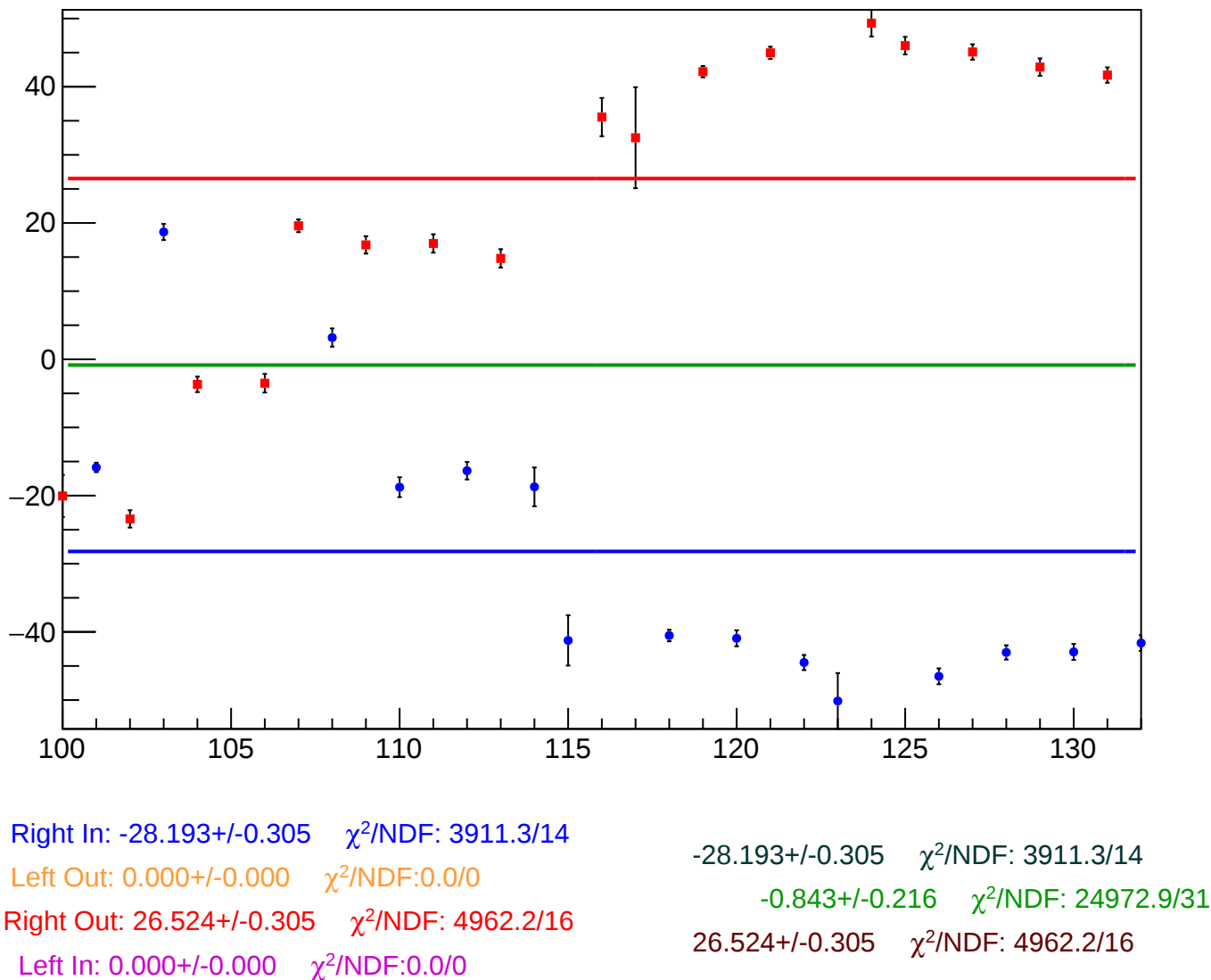
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.889 $\pm$ 0.478 χ^2 /NDF: 30.3/14

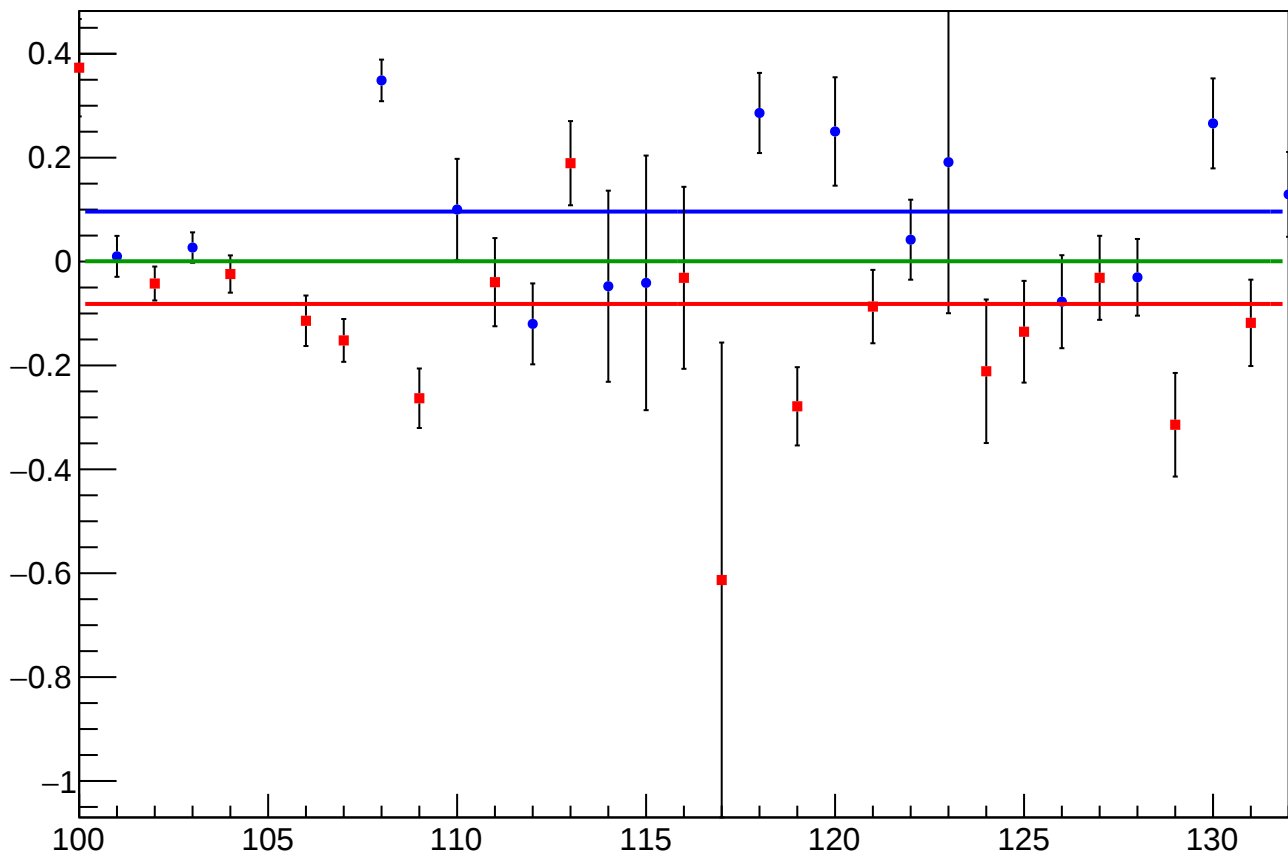
-0.149 $\pm$ 0.330 χ^2 /NDF: 103.0/31

-2.008 $\pm$ 0.457 χ^2 /NDF: 37.9/16

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.096 ± 0.016 χ^2/NDF : 78.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.015 χ^2/NDF : 67.8/16

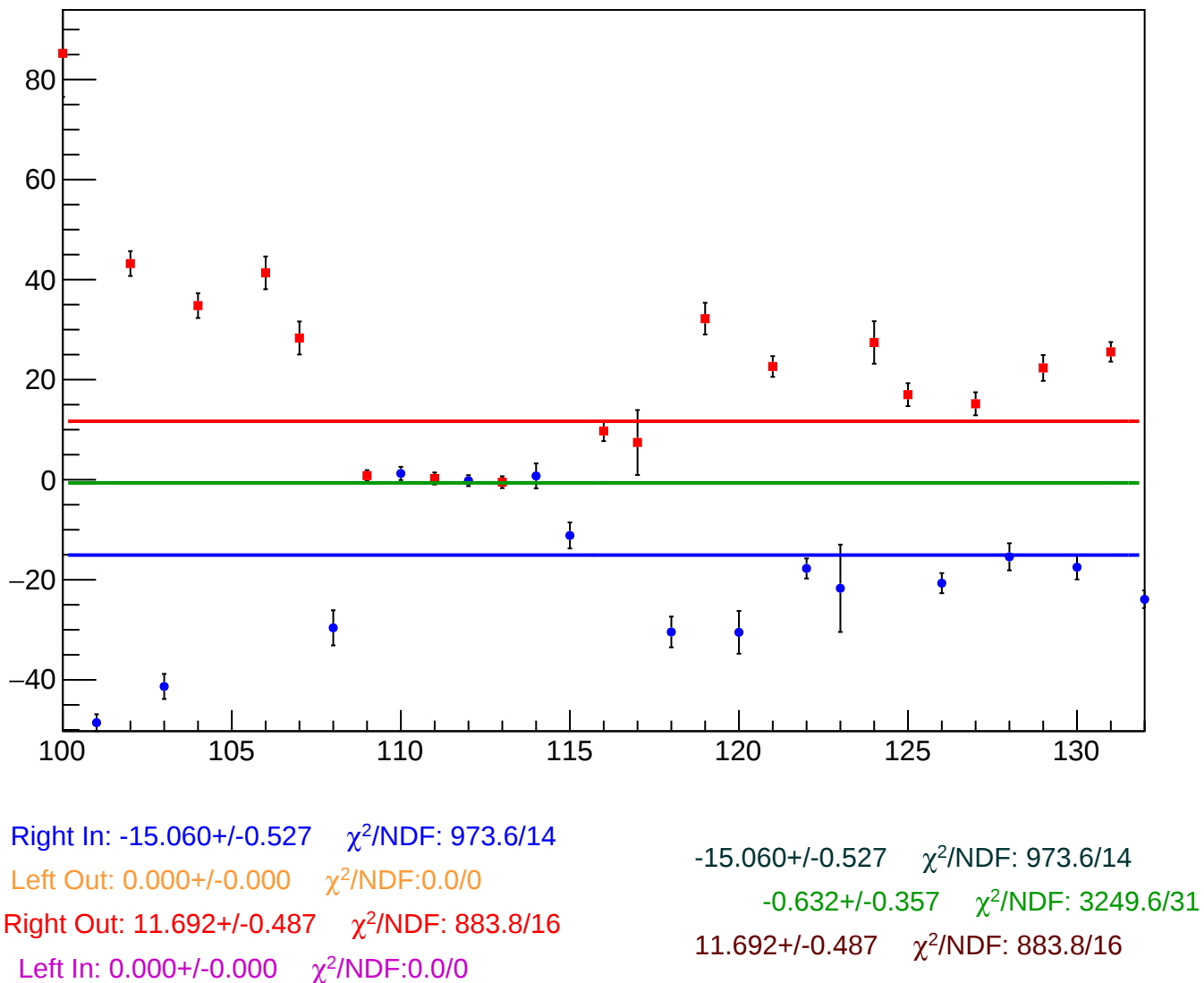
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.096 ± 0.016 χ^2/NDF : 78.4/14

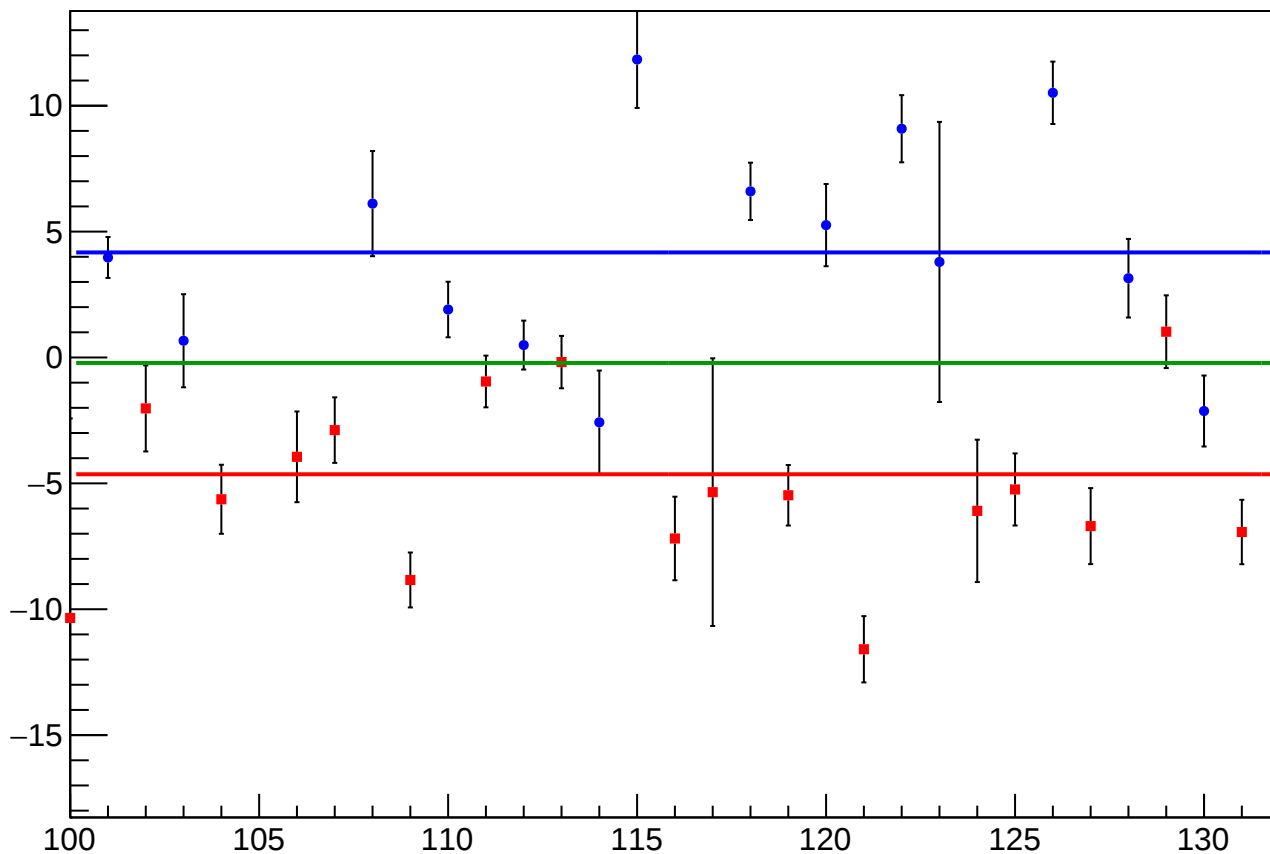
0.001 ± 0.011 χ^2/NDF : 210.6/31

-0.082 ± 0.015 χ^2/NDF : 67.8/16

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.173 $\pm$ 0.346 χ^2 /NDF: 115.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.639 $\pm$ 0.347 χ^2 /NDF: 103.0/16

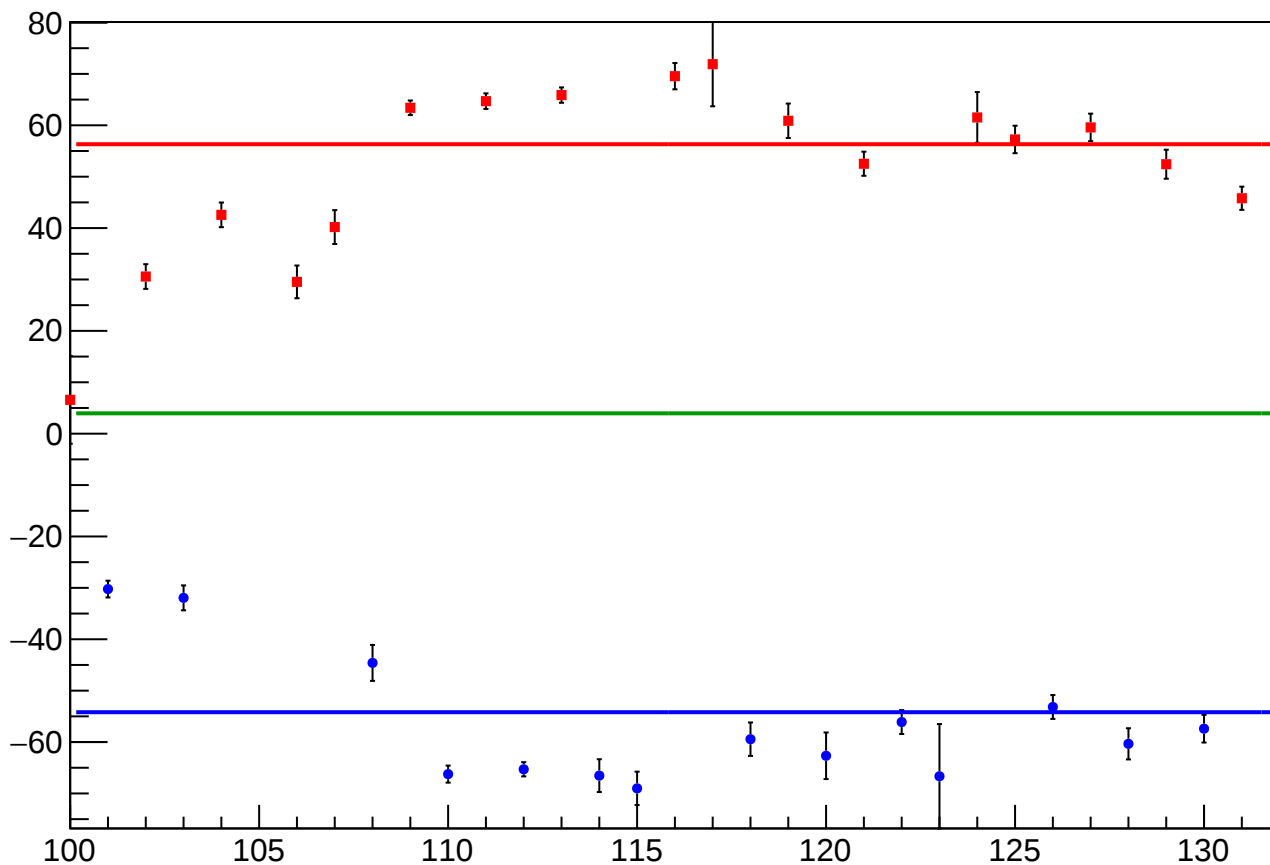
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.173 $\pm$ 0.346 χ^2 /NDF: 115.5/14

-0.217 $\pm$ 0.245 χ^2 /NDF: 542.3/31

-4.639 $\pm$ 0.347 χ^2 /NDF: 103.0/16

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.194 $\pm$ 0.607 χ^2 /NDF: 484.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.316 $\pm$ 0.576 χ^2 /NDF: 434.1/16

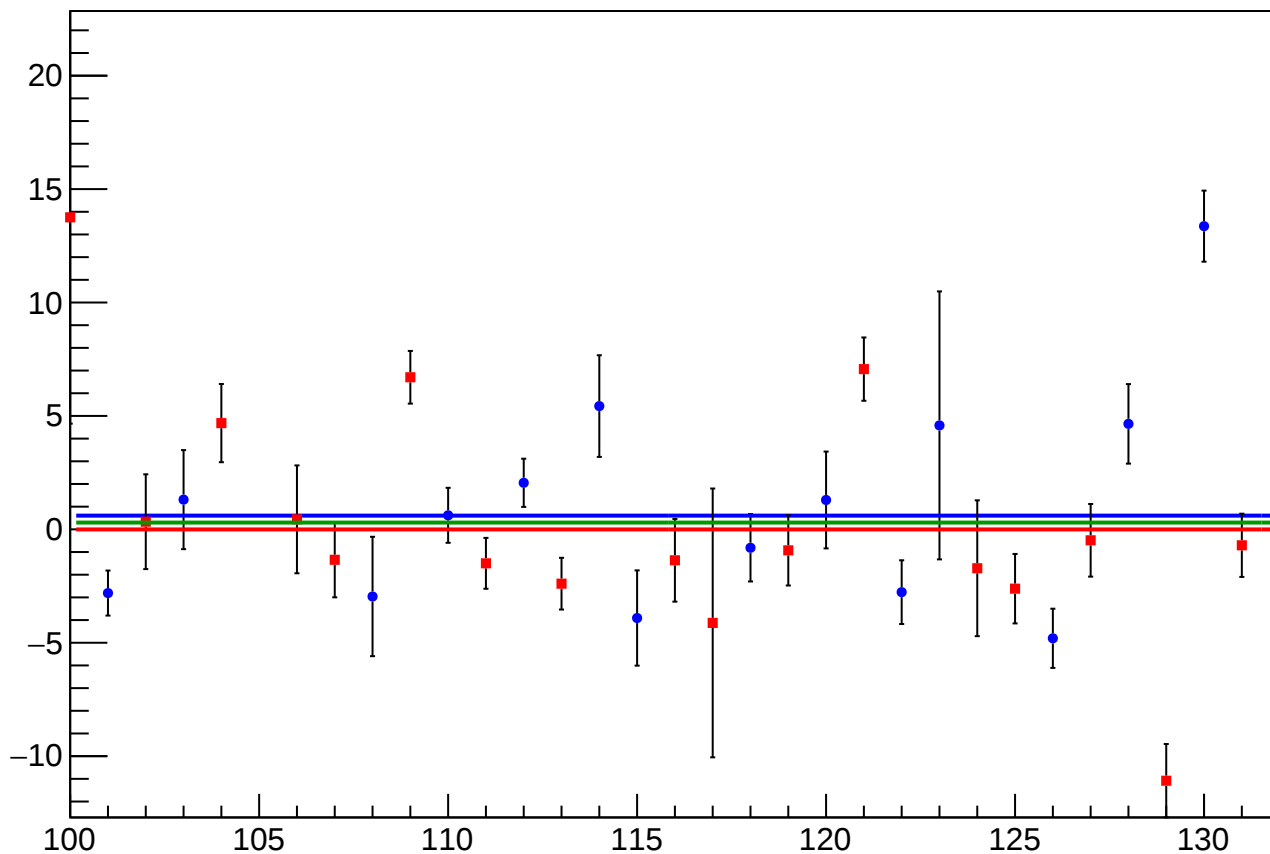
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.194 $\pm$ 0.607 χ^2 /NDF: 484.1/14

3.957 $\pm$ 0.418 χ^2 /NDF: 18343.9/31

56.316 $\pm$ 0.576 χ^2 /NDF: 434.1/16

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.605 ± 0.395 $\chi^2/\text{NDF}: 124.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.004 ± 0.392 $\chi^2/\text{NDF}: 127.4/16$

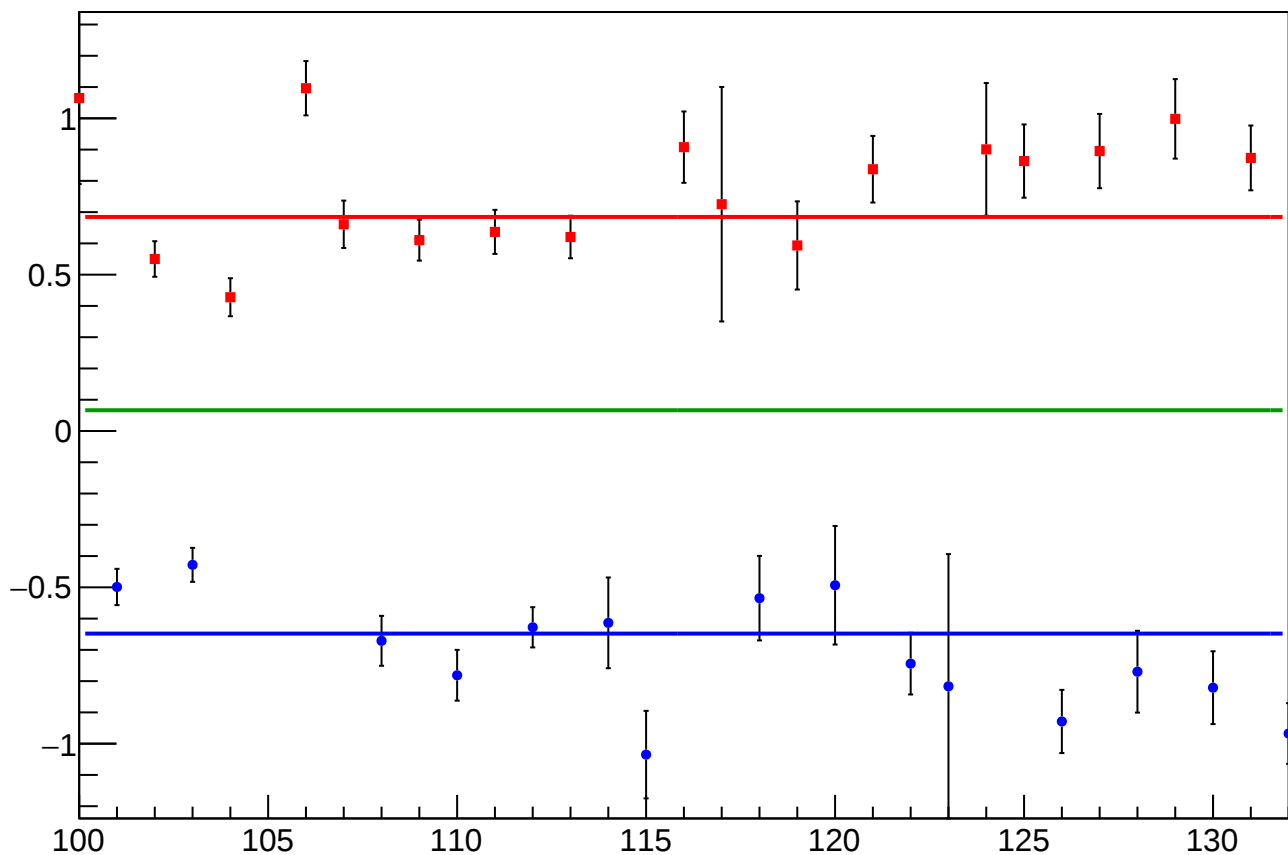
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.605 ± 0.395 $\chi^2/\text{NDF}: 124.4/14$

0.299 ± 0.278 $\chi^2/\text{NDF}: 253.0/31$

-0.004 ± 0.392 $\chi^2/\text{NDF}: 127.4/16$

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.648 $\pm$ 0.023 χ^2/NDF : 57.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.685 $\pm$ 0.022 χ^2/NDF : 72.8/16

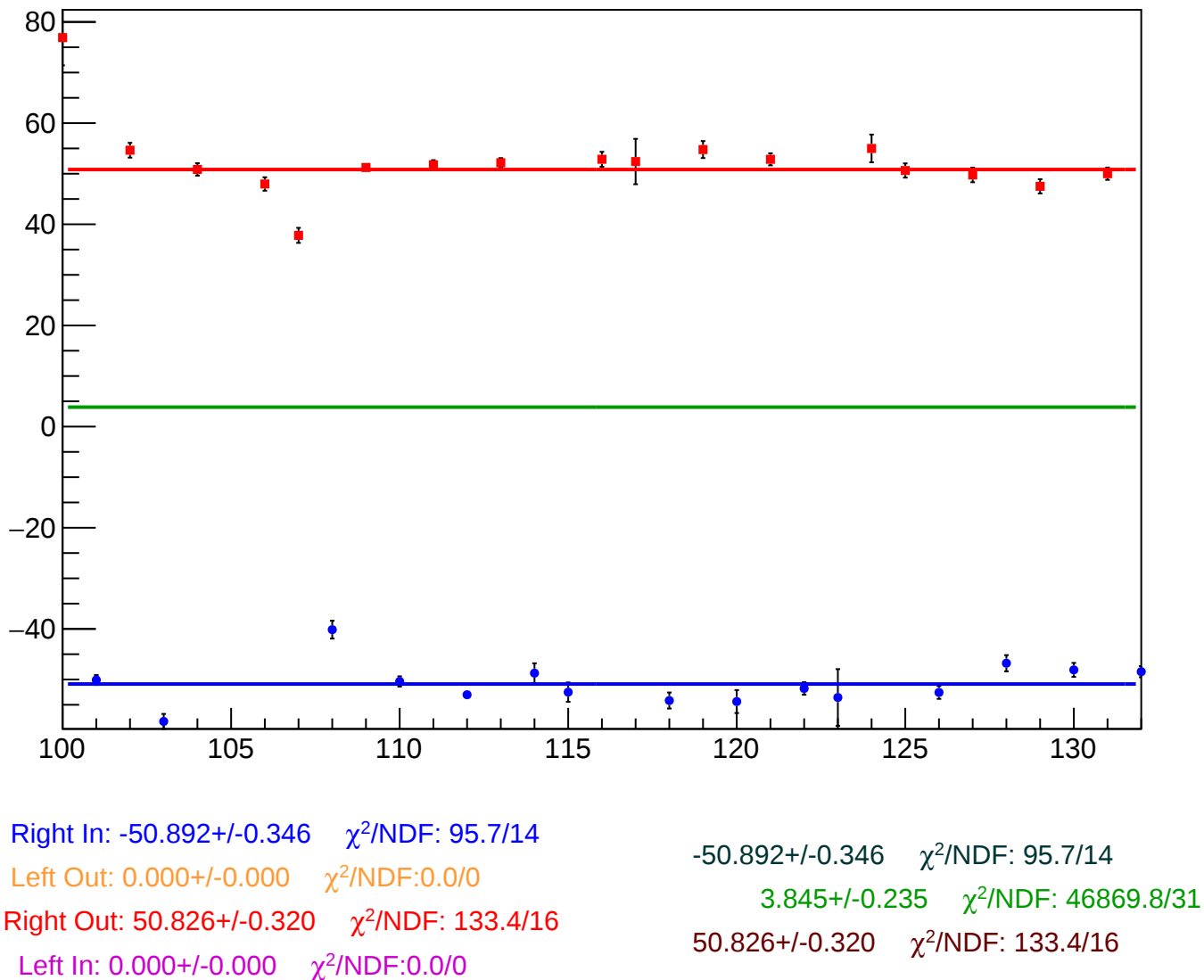
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.648 $\pm$ 0.023 χ^2/NDF : 57.6/14

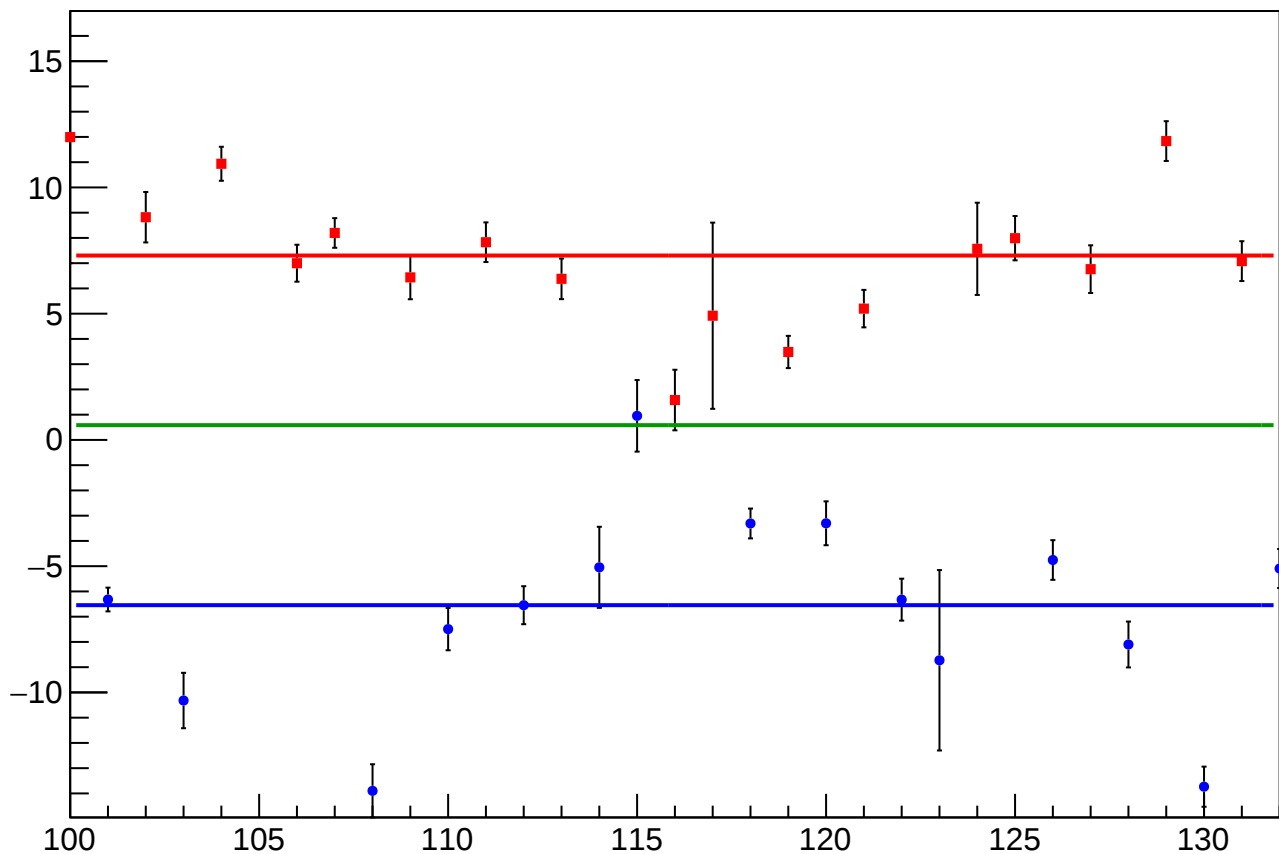
0.066 $\pm$ 0.016 χ^2/NDF : 1854.4/31

0.685 $\pm$ 0.022 χ^2/NDF : 72.8/16

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.545+/-0.213 χ^2 /NDF: 228.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.303+/-0.206 χ^2 /NDF: 138.8/16

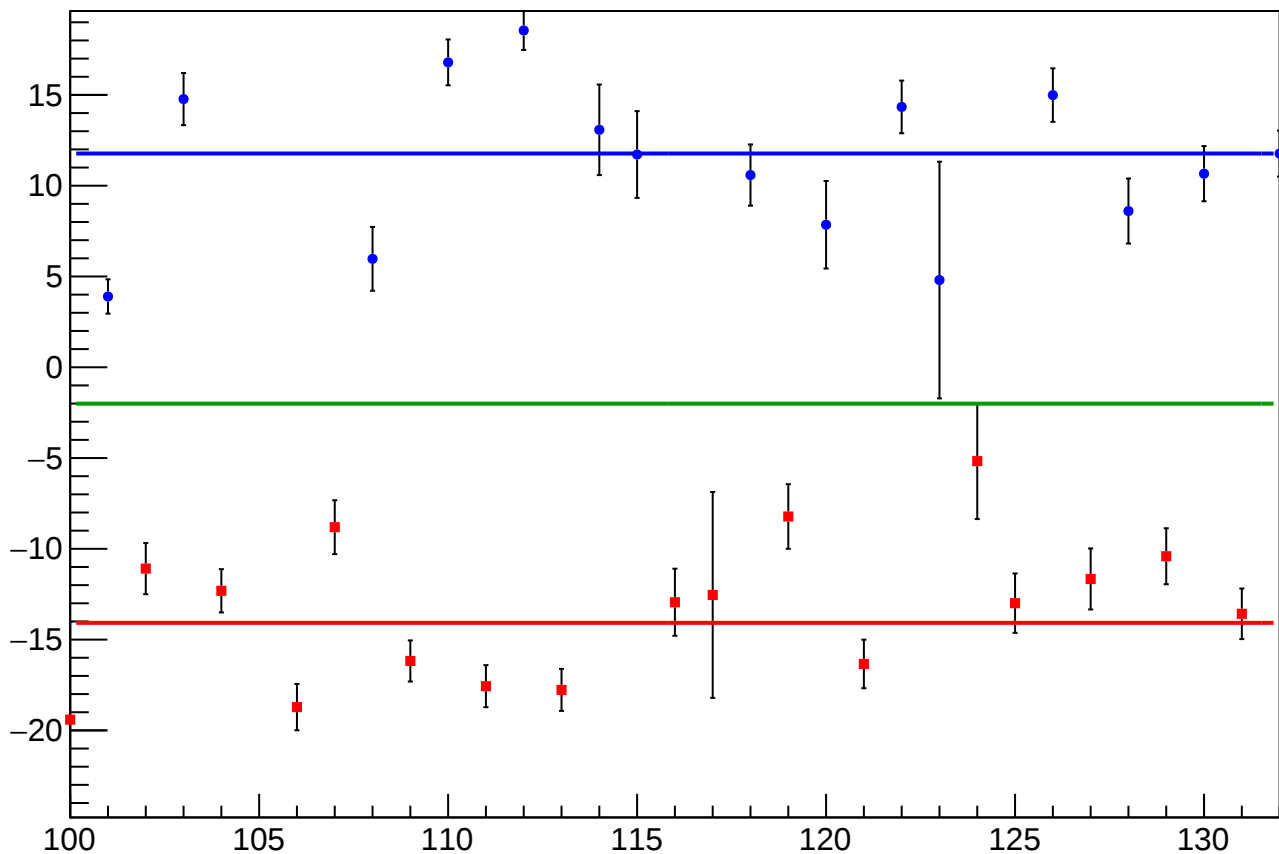
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.545+/-0.213 χ^2 /NDF: 228.8/14

0.585+/-0.148 χ^2 /NDF: 2553.8/31

7.303+/-0.206 χ^2 /NDF: 138.8/16

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.773 ± 0.389 χ^2/NDF : 156.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.077 ± 0.364 χ^2/NDF : 86.4/16

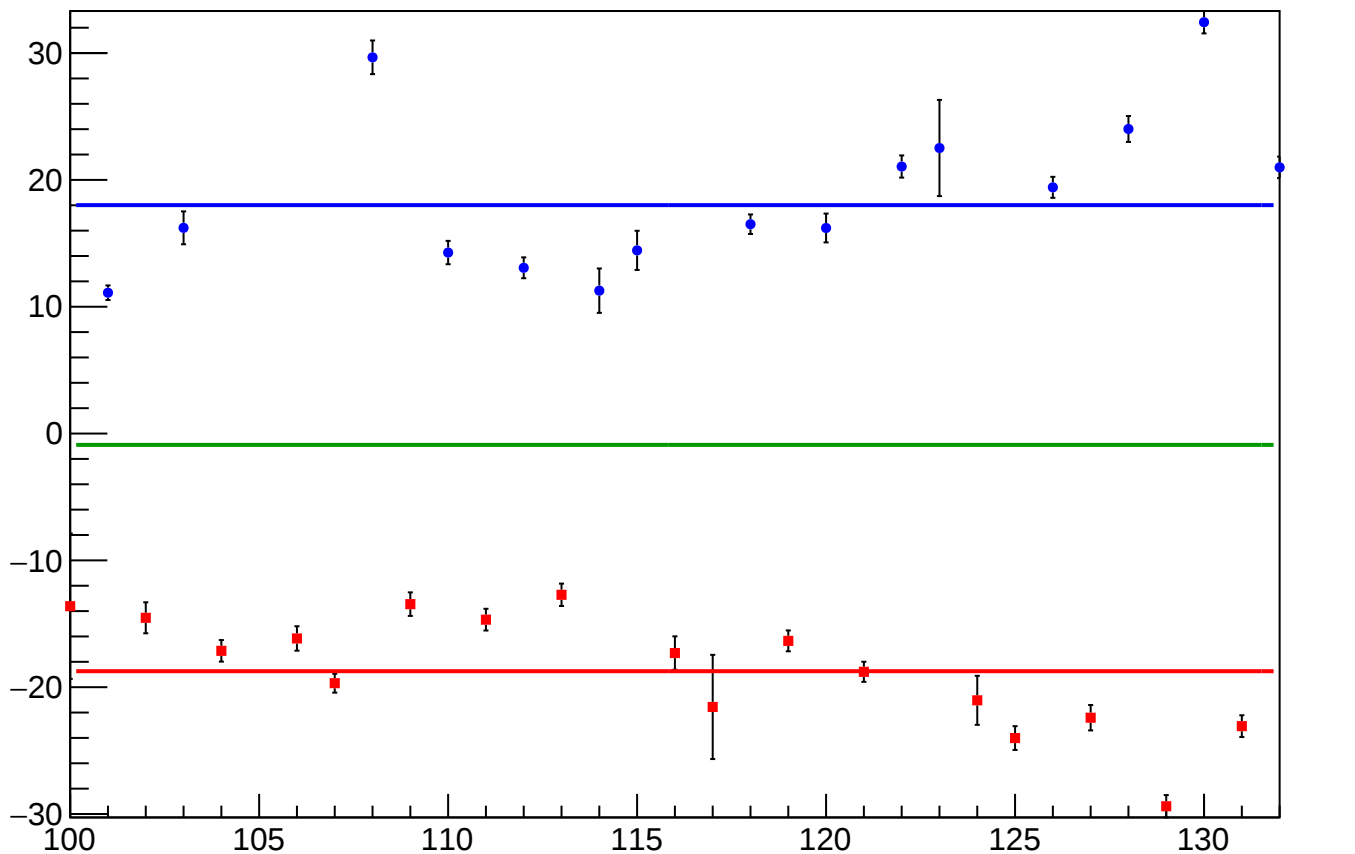
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

11.773 ± 0.389 χ^2/NDF : 156.6/14

-2.004 ± 0.266 χ^2/NDF : 2597.5/31

-14.077 ± 0.364 χ^2/NDF : 86.4/16

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.011 ± 0.246 χ^2/NDF : 632.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.739 ± 0.239 χ^2/NDF : 354.3/16

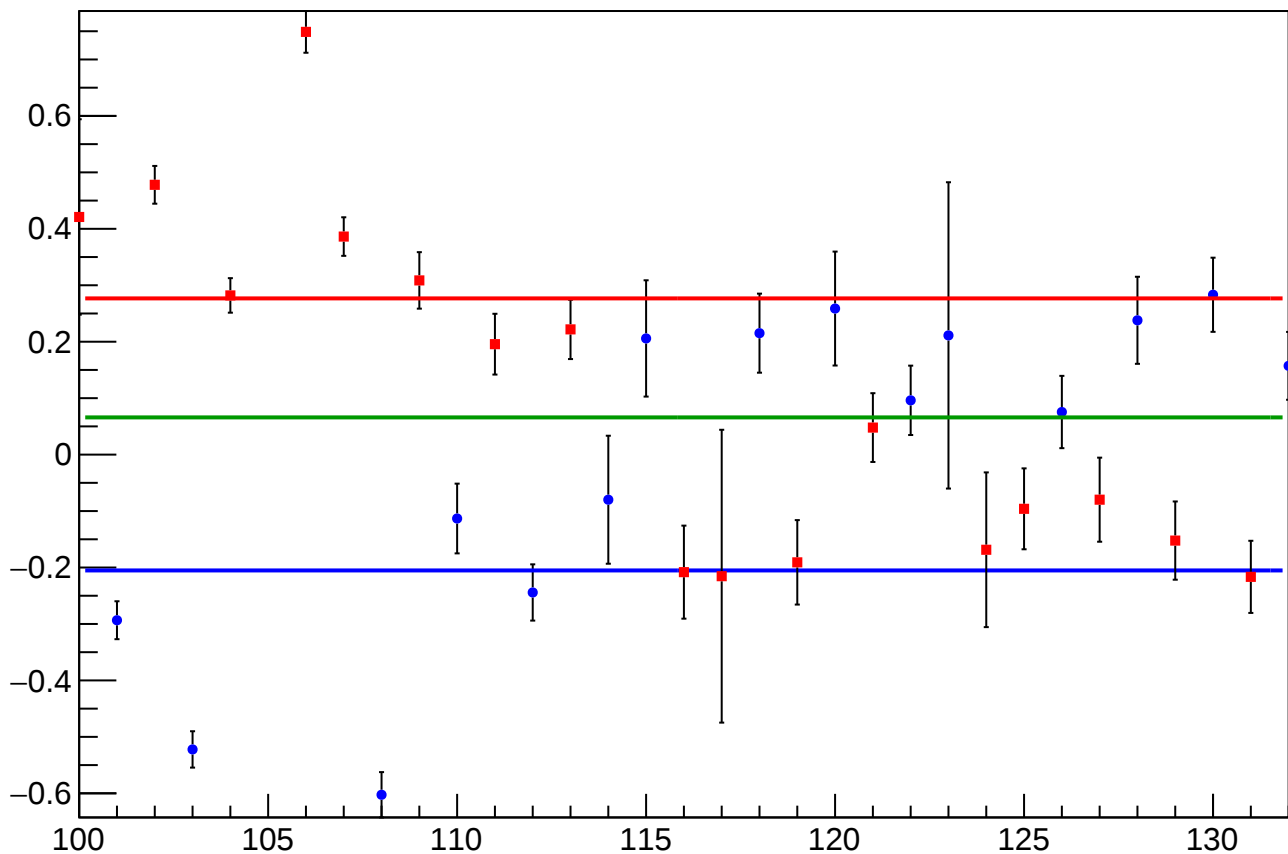
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

18.011 ± 0.246 χ^2/NDF : 632.9/14

-0.892 ± 0.171 χ^2/NDF : 12469.6/31

-18.739 ± 0.239 χ^2/NDF : 354.3/16

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.205+/-0.014 χ^2/NDF : 449.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.277+/-0.013 χ^2/NDF : 464.0/16

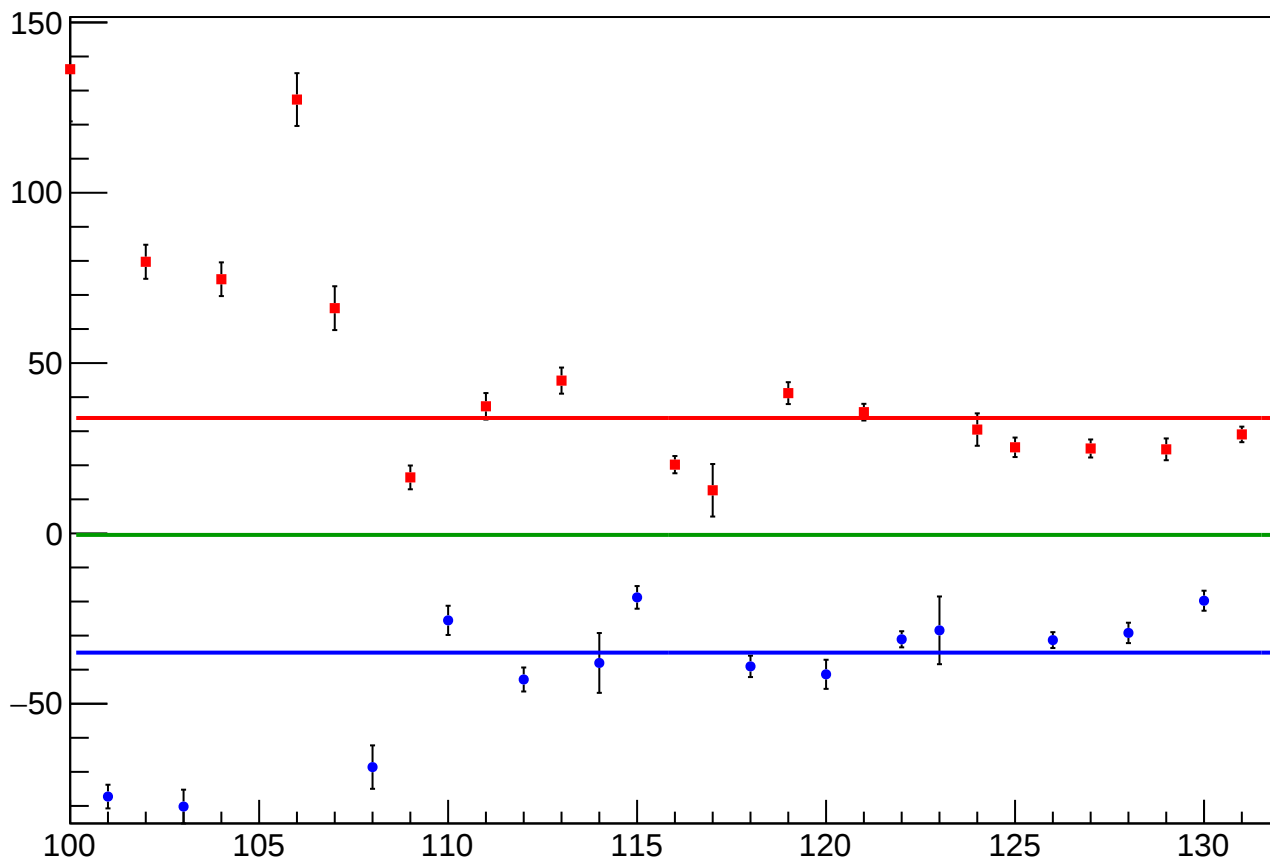
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.205+/-0.014 χ^2/NDF : 449.1/14

0.066+/-0.010 χ^2/NDF : 1541.3/31

0.277+/-0.013 χ^2/NDF : 464.0/16

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.996 ± 0.855 χ^2/NDF : 346.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 33.883 ± 0.852 χ^2/NDF : 477.4/16

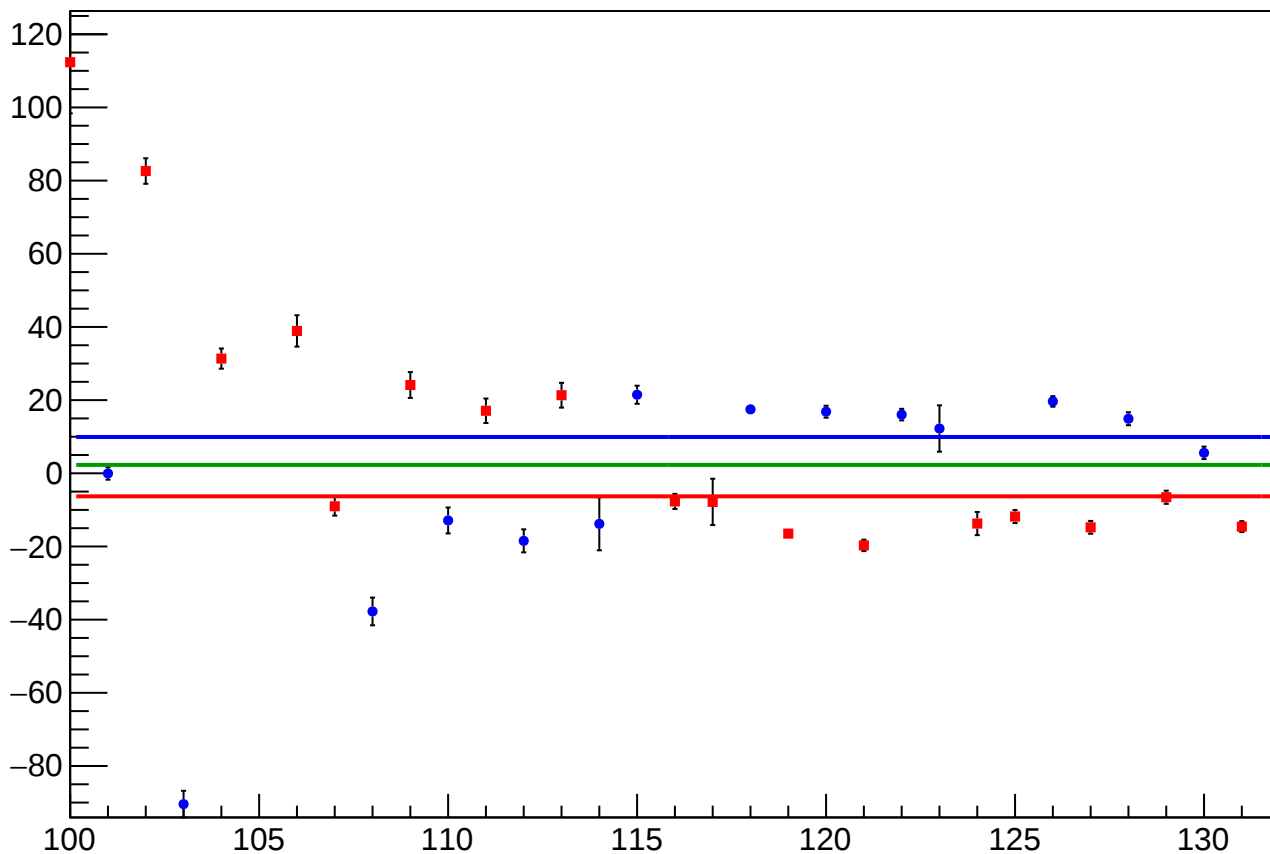
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.996 ± 0.855 χ^2/NDF : 346.7/14

-0.440 ± 0.603 χ^2/NDF : 4081.9/31

33.883 ± 0.852 χ^2/NDF : 477.4/16

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.920 ± 0.501 χ^2/NDF : 1251.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.297 ± 0.532 χ^2/NDF : 1424.2/16

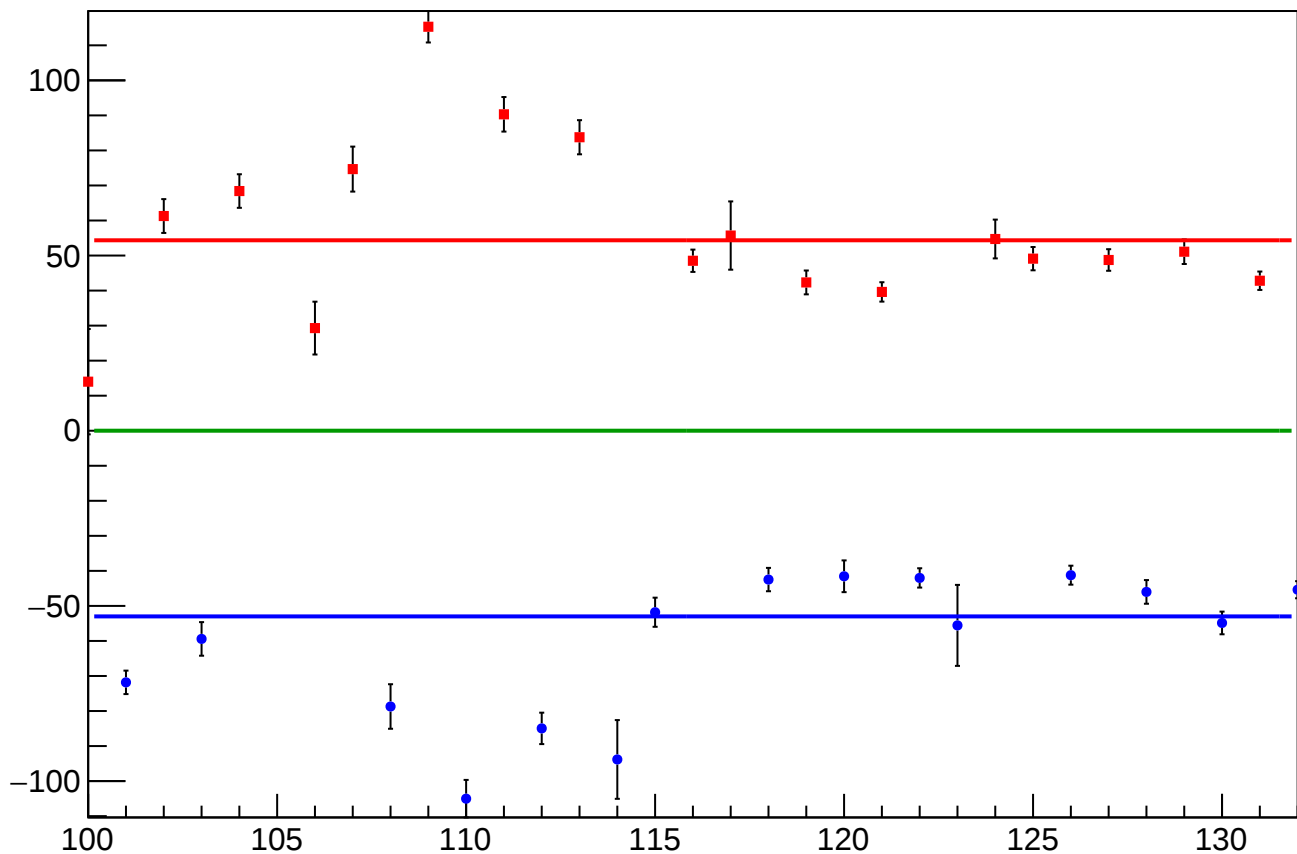
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.920 ± 0.501 χ^2/NDF : 1251.3/14

2.299 ± 0.365 χ^2/NDF : 3167.6/31

-6.297 ± 0.532 χ^2/NDF : 1424.2/16

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.996 $\pm$ 0.965 χ^2 /NDF: 273.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.354 $\pm$ 0.977 χ^2 /NDF: 383.0/16

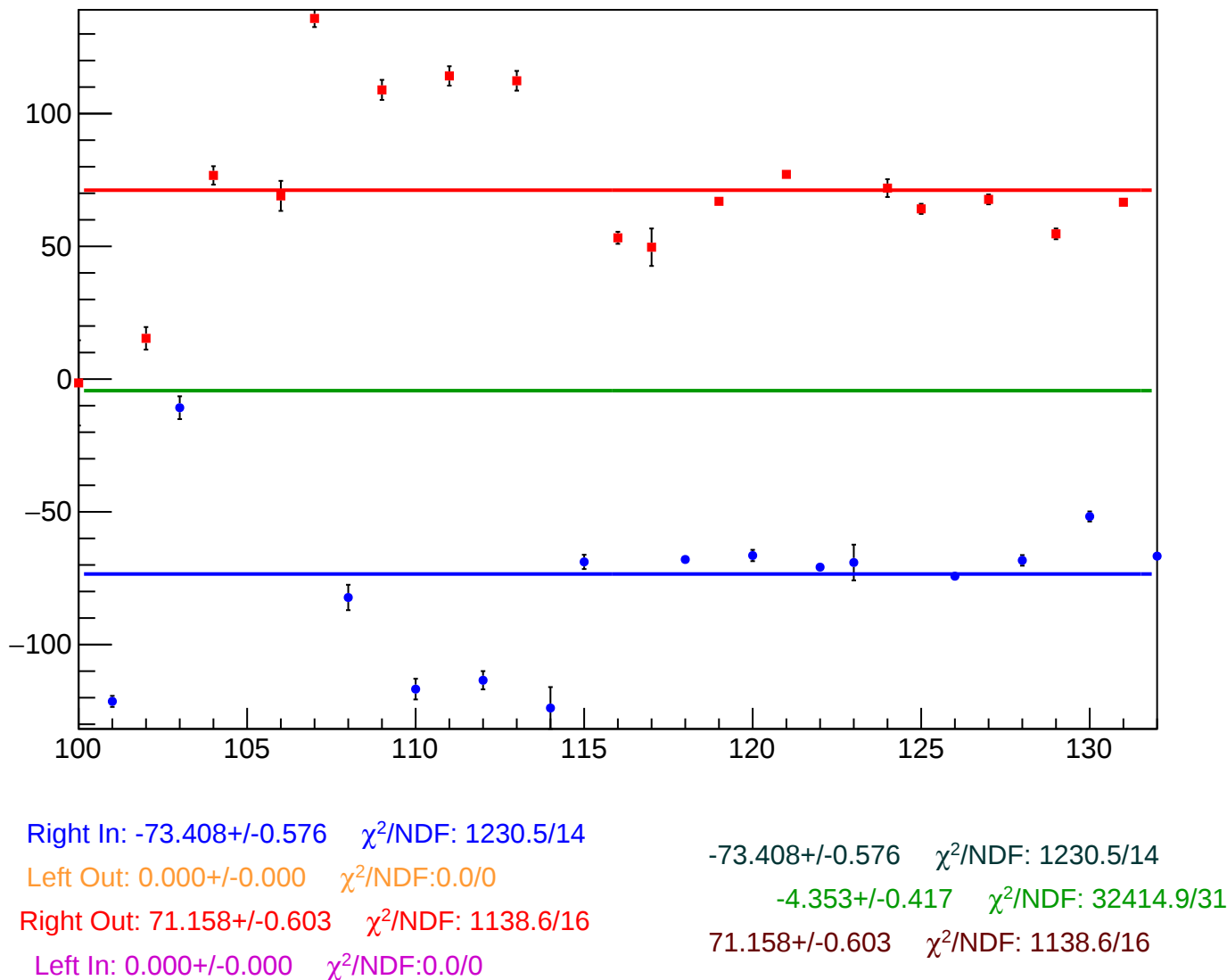
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.996 $\pm$ 0.965 χ^2 /NDF: 273.7/14

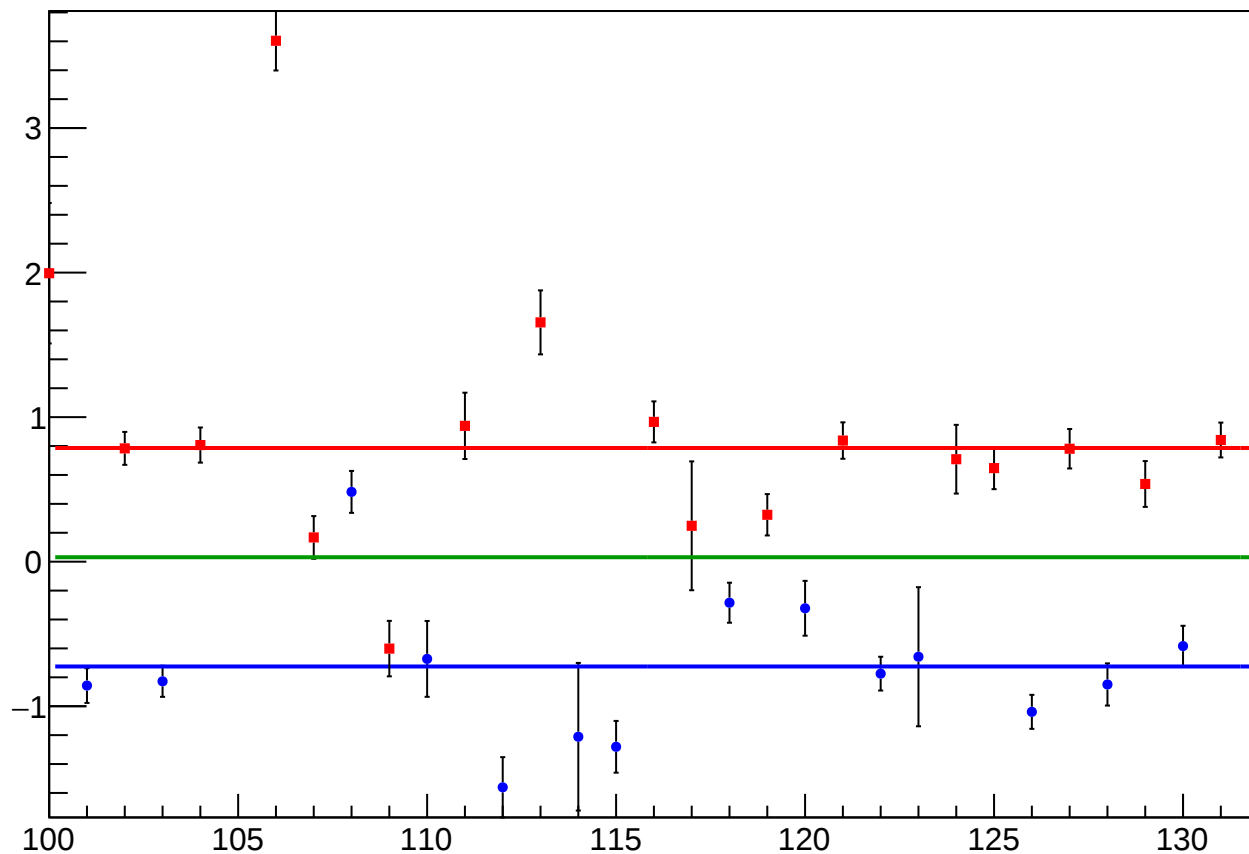
0.006 $\pm$ 0.687 χ^2 /NDF: 6764.7/31

54.354 $\pm$ 0.977 χ^2 /NDF: 383.0/16

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.725 ± 0.038 χ^2/NDF : 123.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.787 ± 0.038 χ^2/NDF : 296.9/16

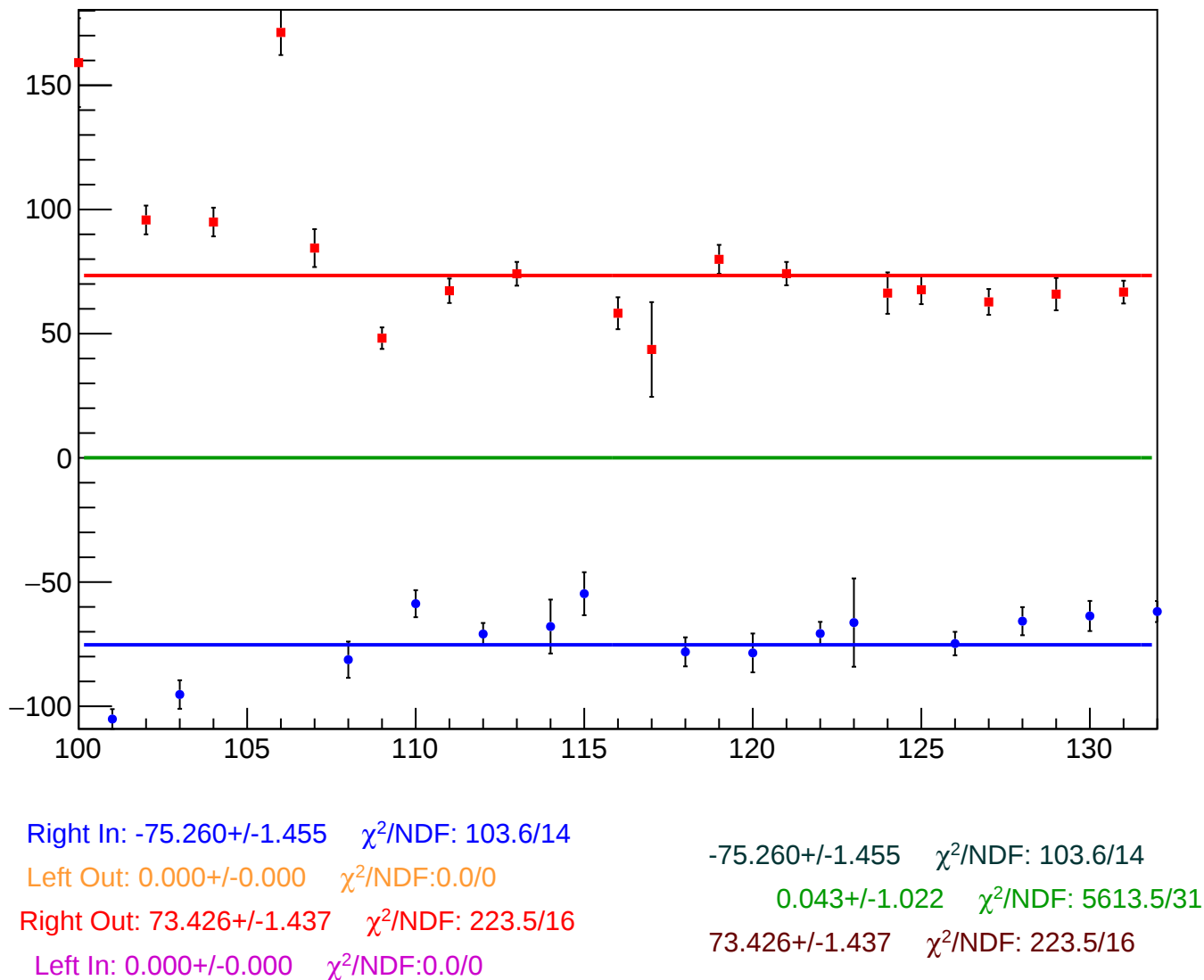
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.725 ± 0.038 χ^2/NDF : 123.5/14

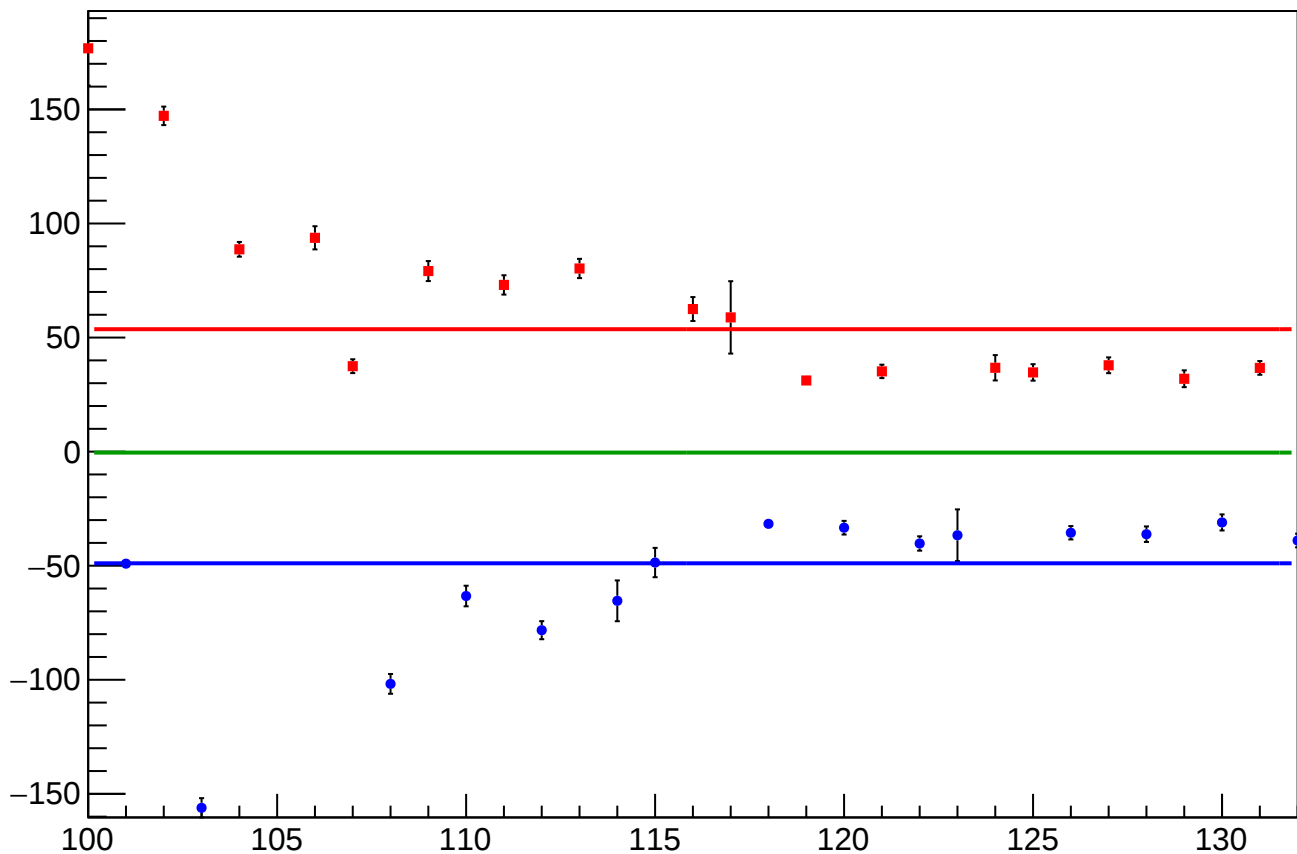
0.031 ± 0.027 χ^2/NDF : 1195.9/31

0.787 ± 0.038 χ^2/NDF : 296.9/16

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -48.944±/-0.862 χ^2/NDF : 1030.8/14

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.671±/-0.910 χ^2/NDF : 1161.1/16

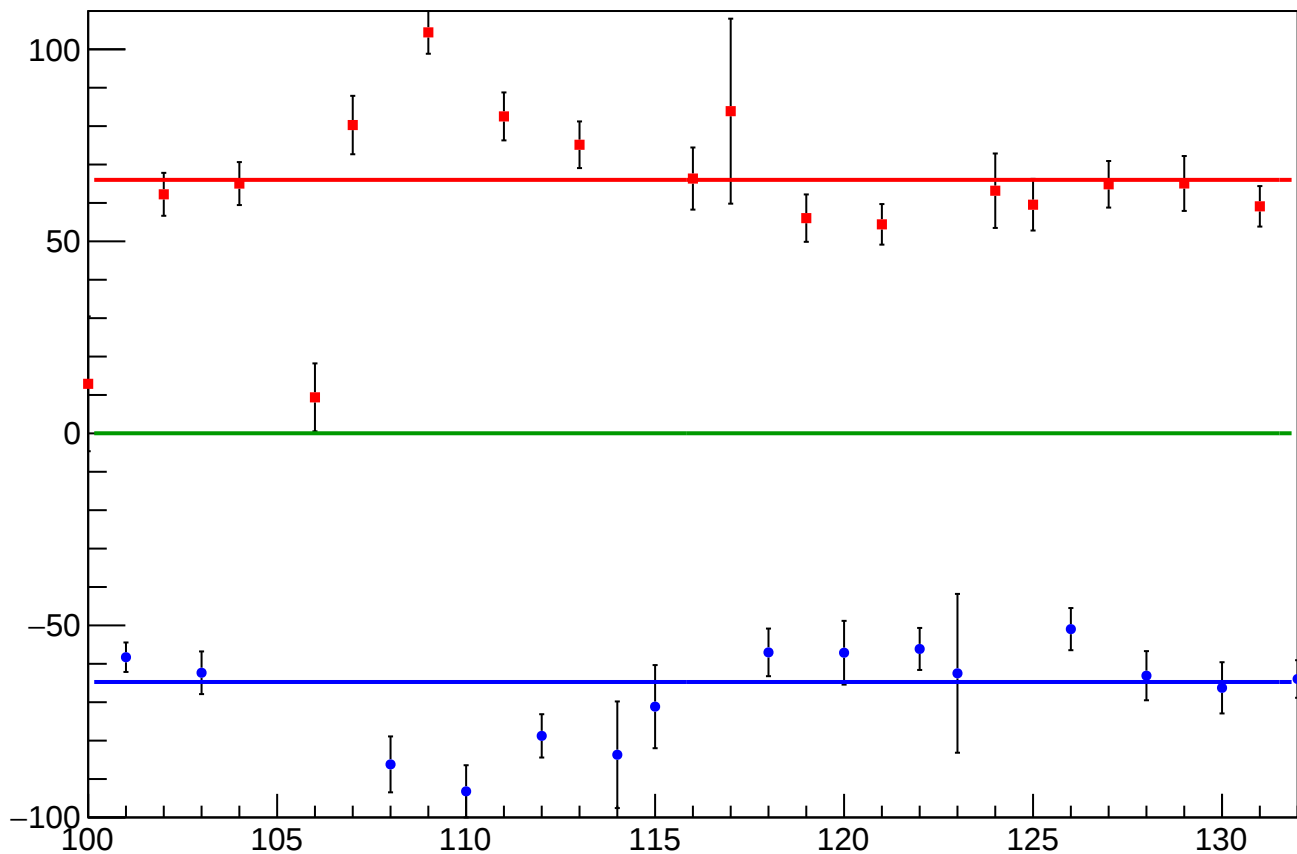
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-48.944±/-0.862 χ^2/NDF : 1030.8/14

-0.420±/-0.626 χ^2/NDF : 8899.6/31

53.671±/-0.910 χ^2/NDF : 1161.1/16

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.733+/-1.614 χ^2/NDF : 48.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.007+/-1.629 χ^2/NDF : 121.8/16

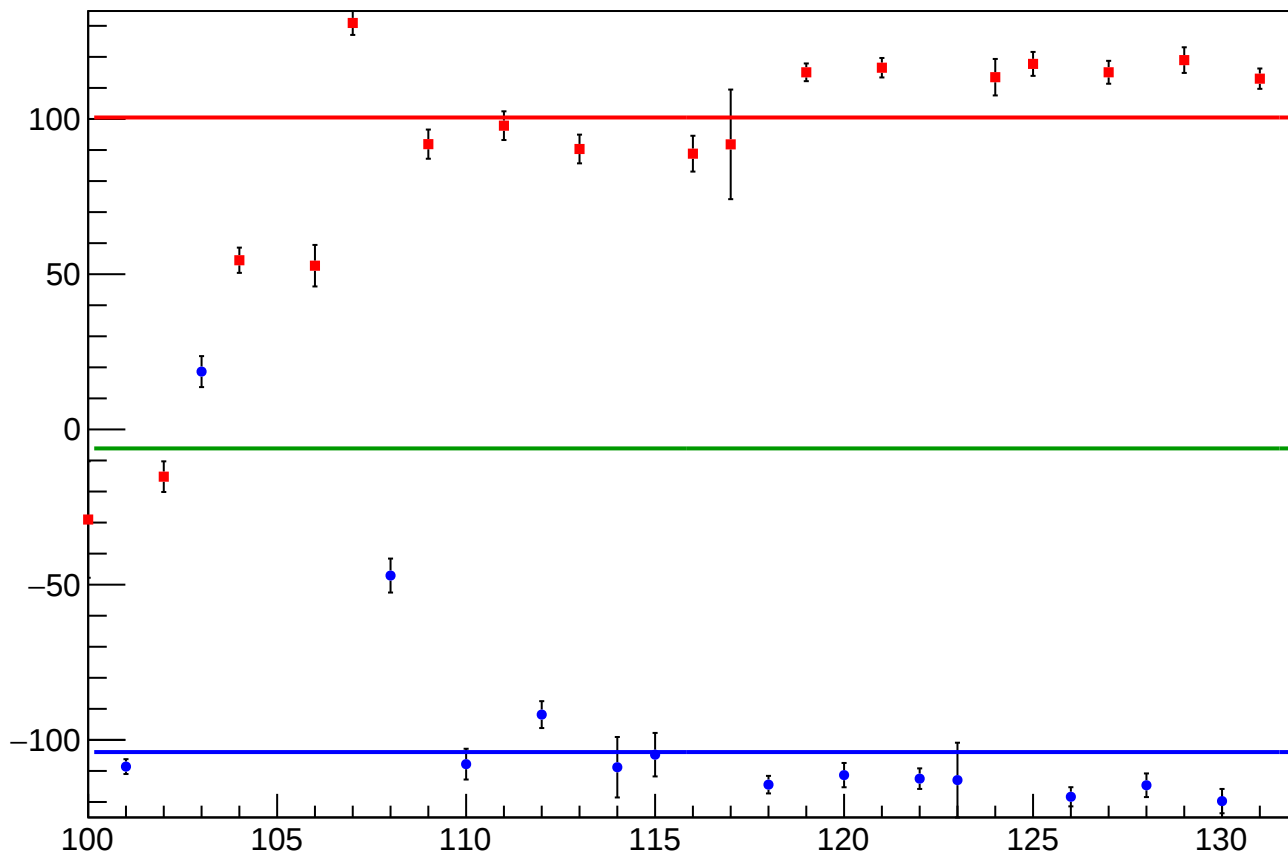
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.733+/-1.614 χ^2/NDF : 48.9/14

0.027+/-1.146 χ^2/NDF : 3422.6/31

66.007+/-1.629 χ^2/NDF : 121.8/16

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -103.921+/-1.003 χ^2/NDF : 796.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.480+/-1.047 χ^2/NDF : 978.4/16

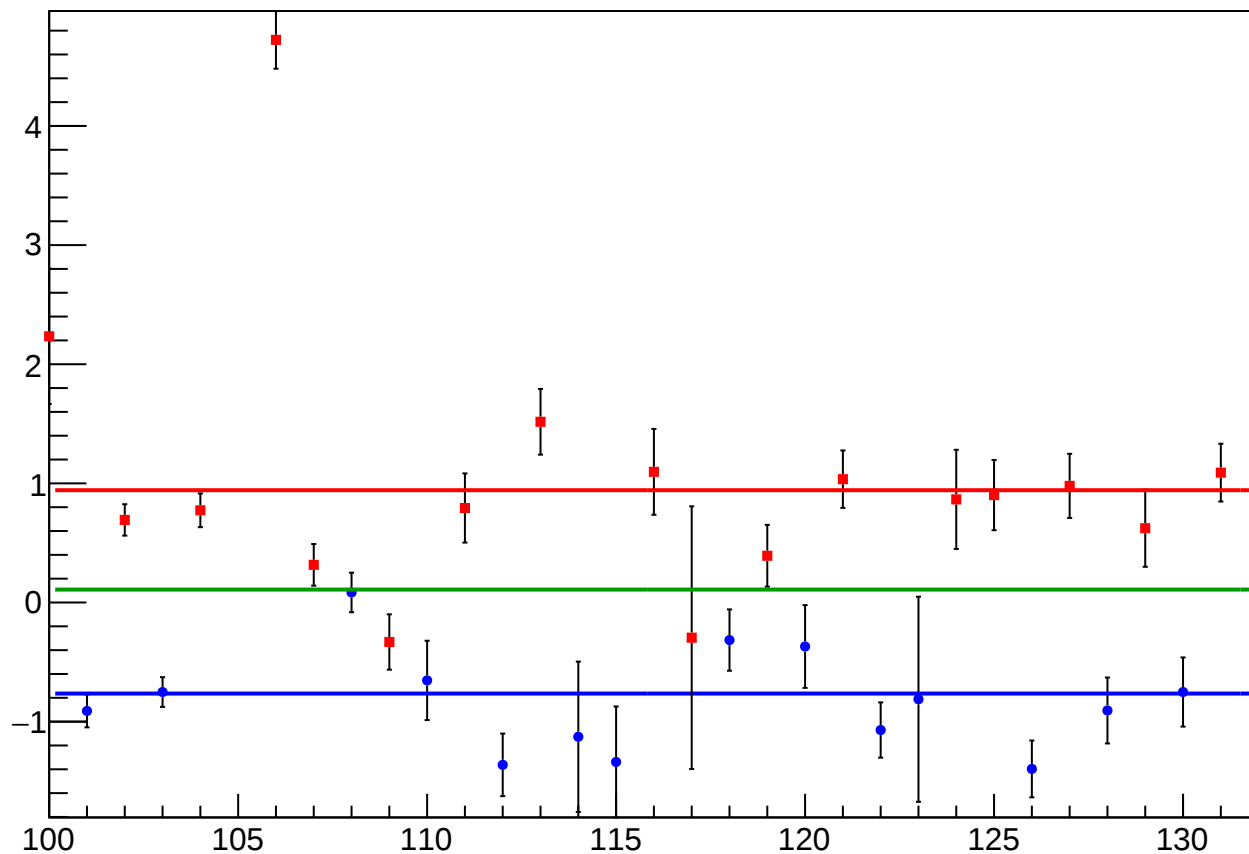
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-103.921+/-1.003 χ^2/NDF : 796.3/14

-6.114+/-0.724 χ^2/NDF : 21651.6/31

100.480+/-1.047 χ^2/NDF : 978.4/16

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.764 ± 0.059 χ^2/NDF : 48.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.943 ± 0.058 χ^2/NDF : 308.8/16

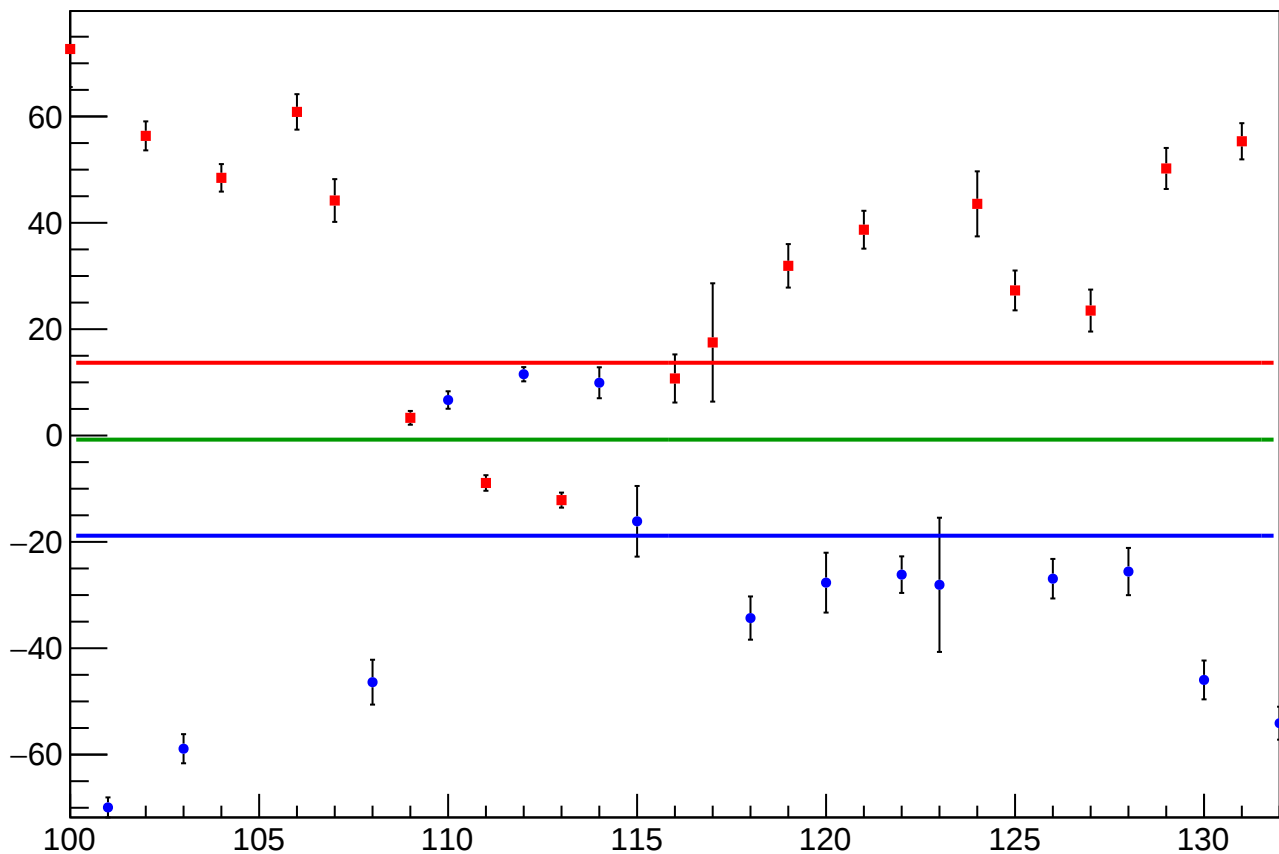
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.764 ± 0.059 χ^2/NDF : 48.7/14

0.109 ± 0.041 χ^2/NDF : 787.4/31

0.943 ± 0.058 χ^2/NDF : 308.8/16

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -18.838 ± 0.703 χ^2/NDF : 2056.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.686 ± 0.629 χ^2/NDF : 1739.4/16

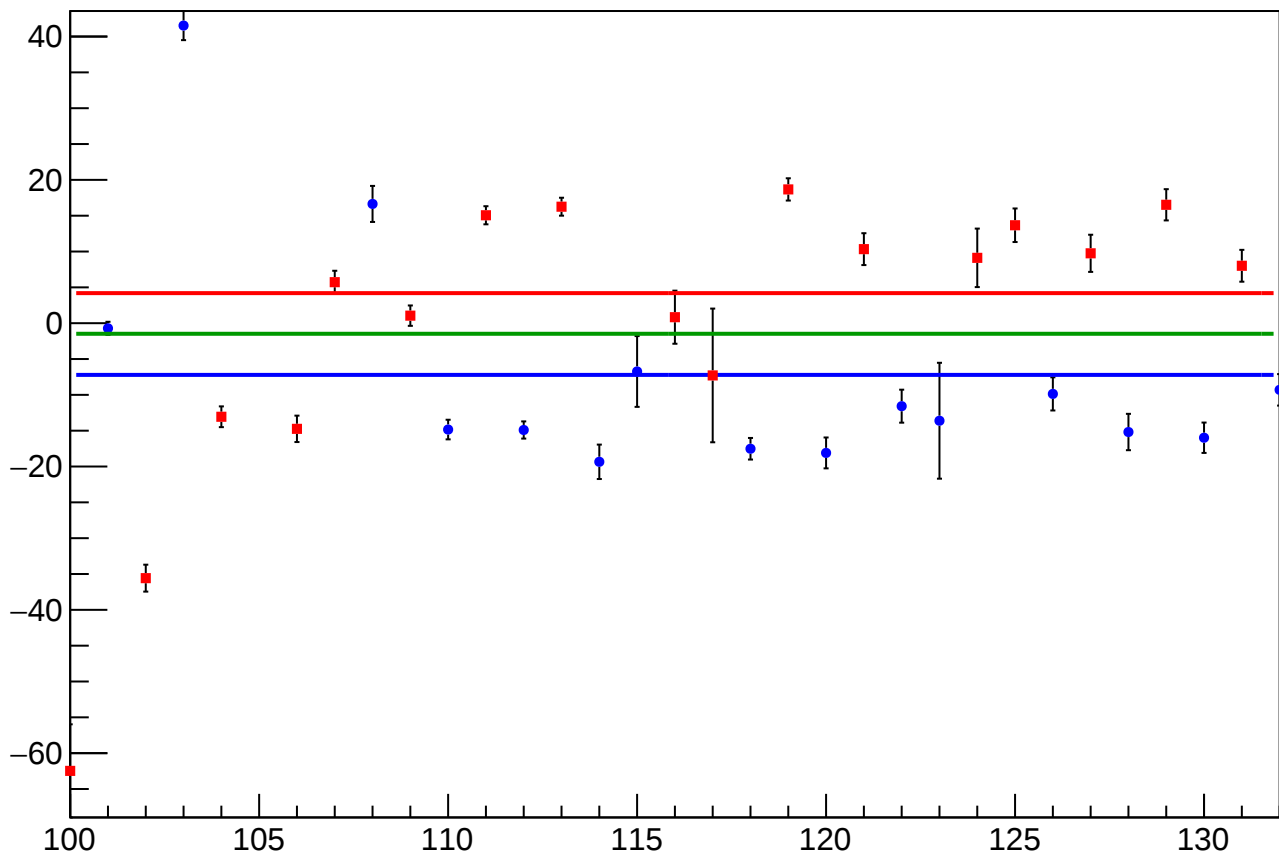
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.838 ± 0.703 χ^2/NDF : 2056.3/14

-0.769 ± 0.469 χ^2/NDF : 4984.5/31

13.686 ± 0.629 χ^2/NDF : 1739.4/16

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.214+/-0.462 χ^2 /NDF: 920.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4.196+/-0.459 χ^2 /NDF: 1127.5/16

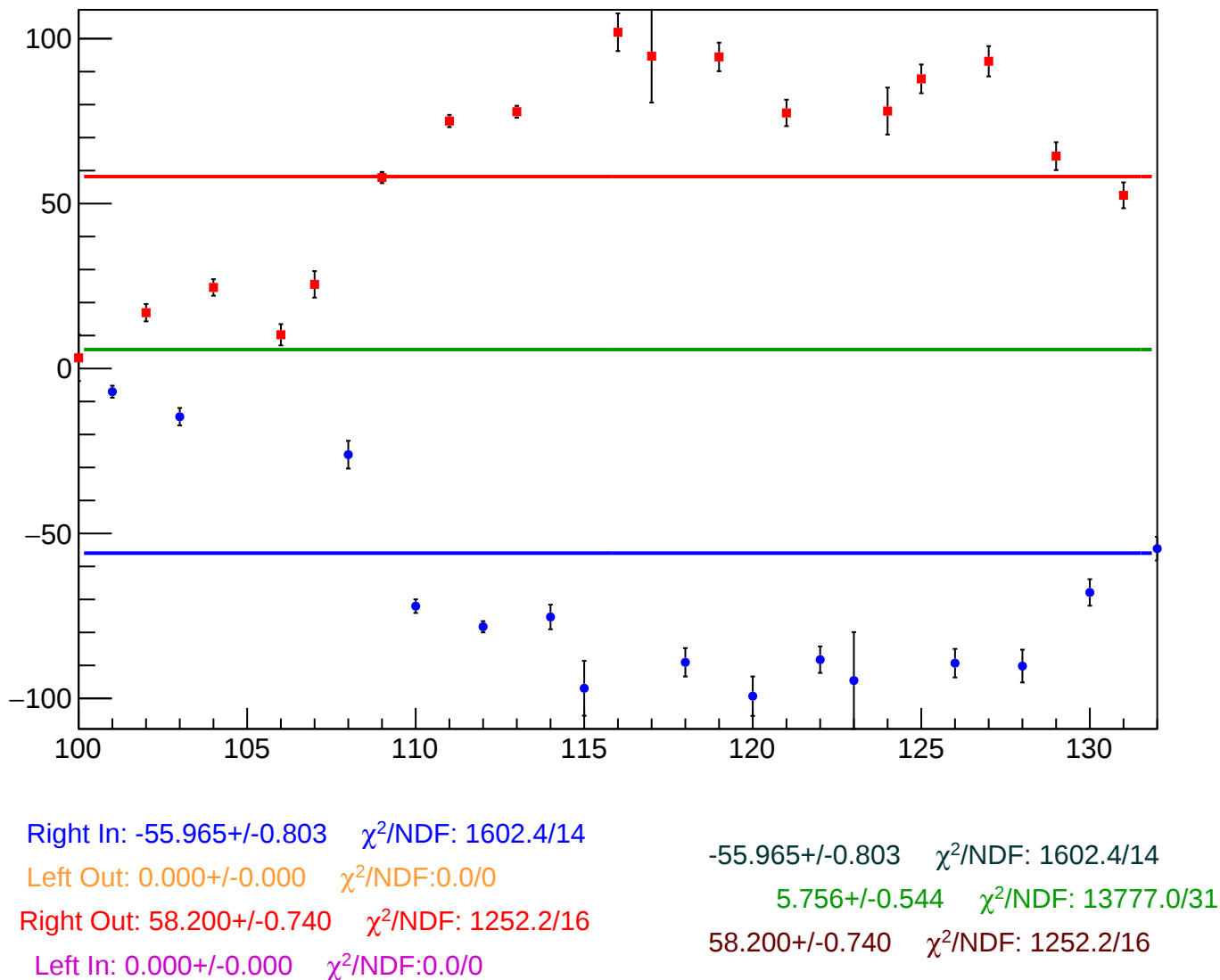
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.214+/-0.462 χ^2 /NDF: 920.0/14

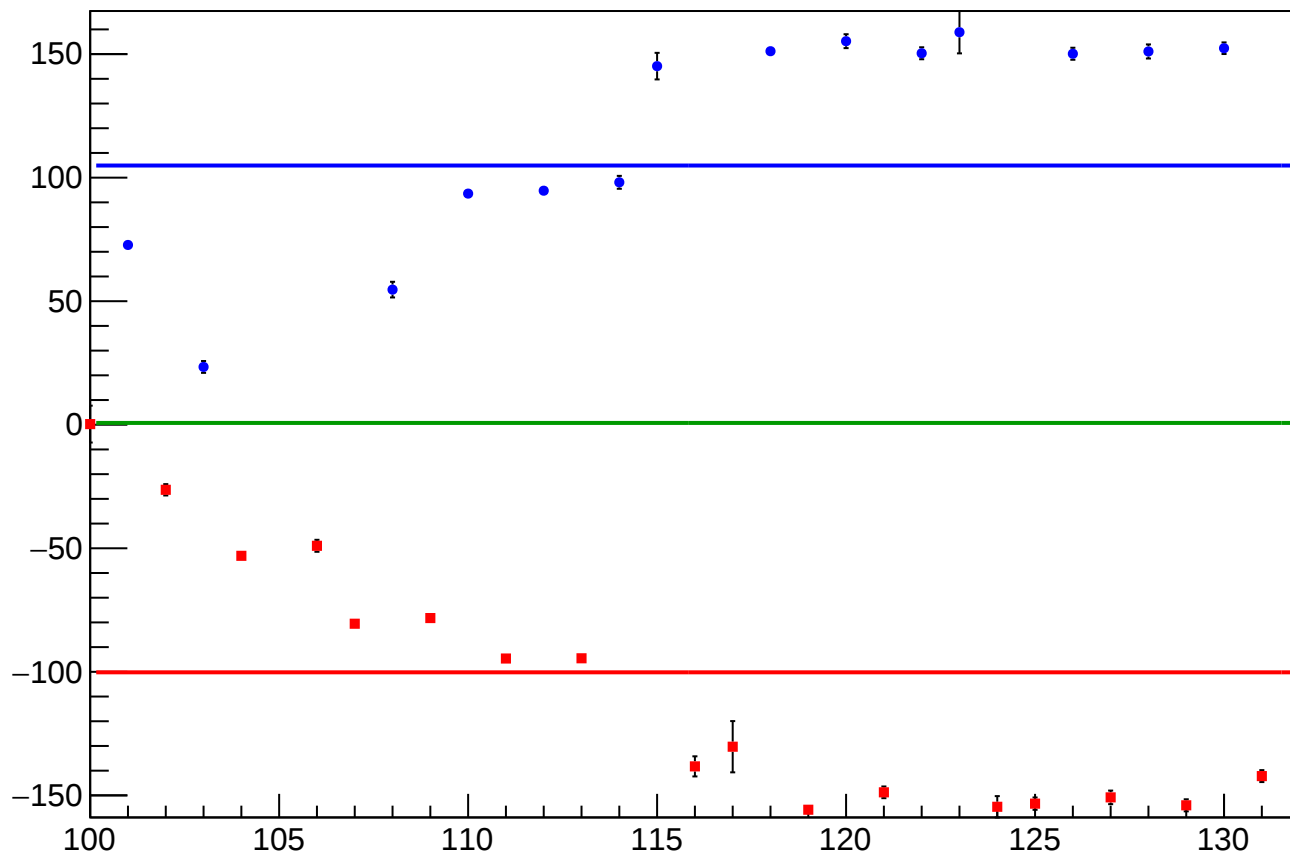
-1.477+/-0.326 χ^2 /NDF: 2354.1/31

4.196+/-0.459 χ^2 /NDF: 1127.5/16

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 104.907+/-0.534 χ^2/NDF : 4987.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.199+/-0.526 χ^2/NDF : 5701.5/16

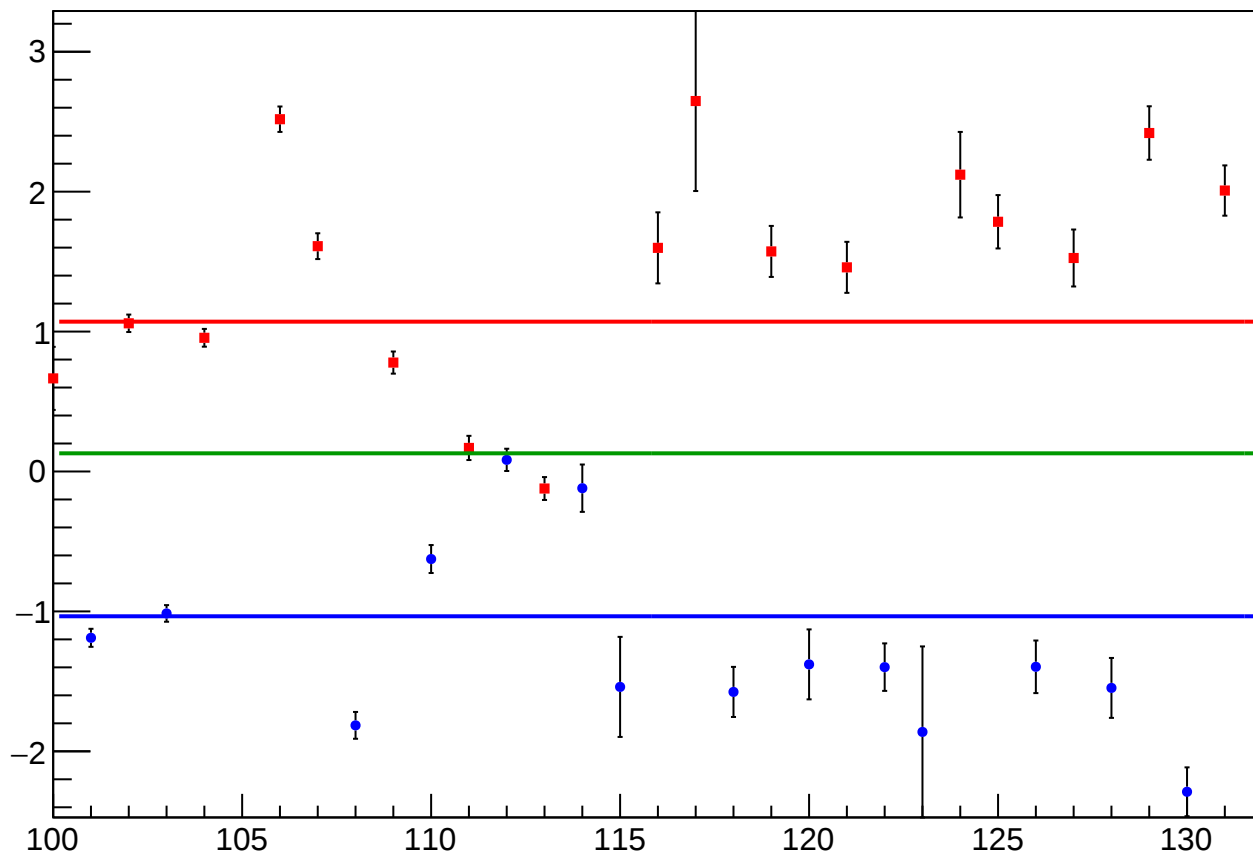
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.907+/-0.534 χ^2/NDF : 4987.6/14

0.733+/-0.375 χ^2/NDF : 85563.7/31

-100.199+/-0.526 χ^2/NDF : 5701.5/16

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.035 ± 0.030 $\chi^2/\text{NDF}: 421.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.071 ± 0.027 $\chi^2/\text{NDF}: 760.3/16$

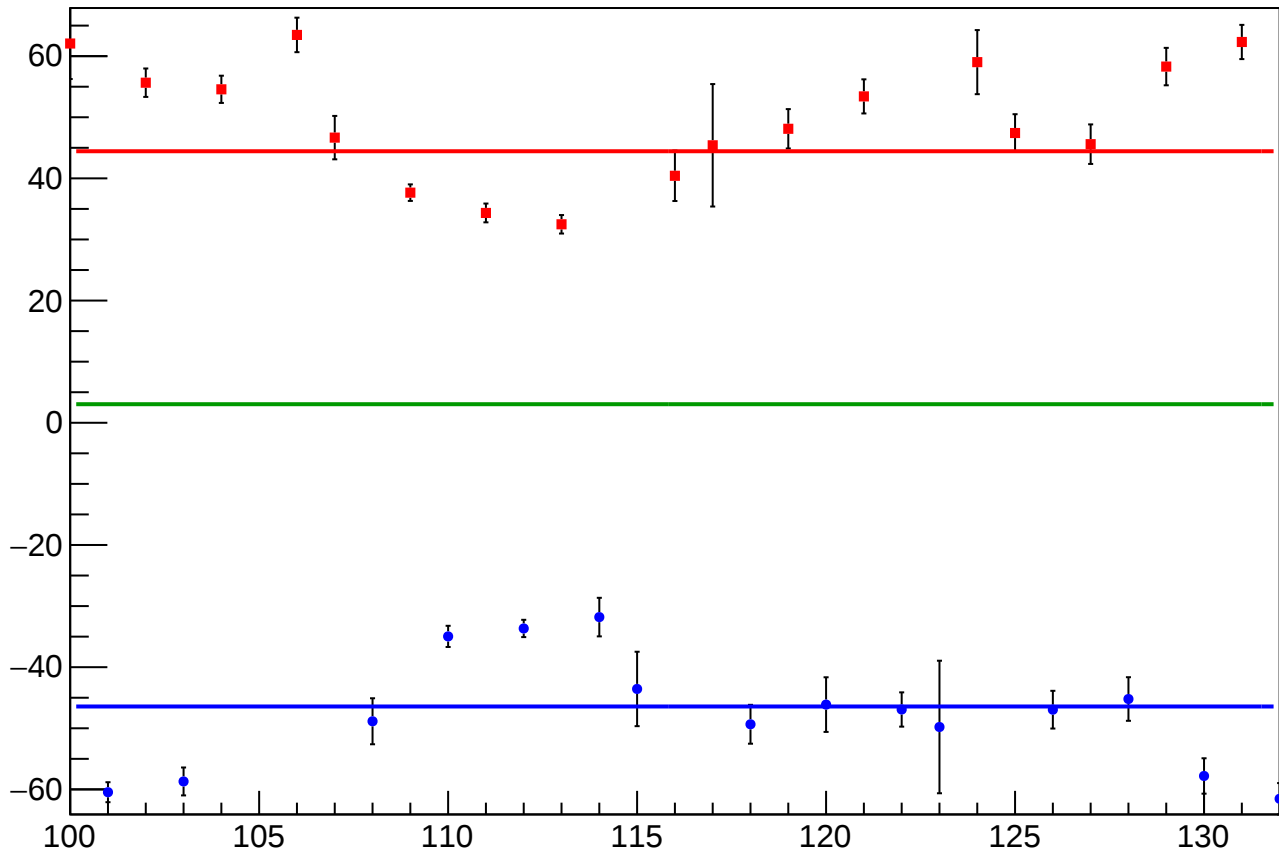
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.035 ± 0.030 $\chi^2/\text{NDF}: 421.5/14$

0.130 ± 0.020 $\chi^2/\text{NDF}: 3967.6/31$

1.071 ± 0.027 $\chi^2/\text{NDF}: 760.3/16$

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -46.431 ± 0.654 χ^2/NDF : 301.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 44.439 ± 0.599 χ^2/NDF : 312.3/16

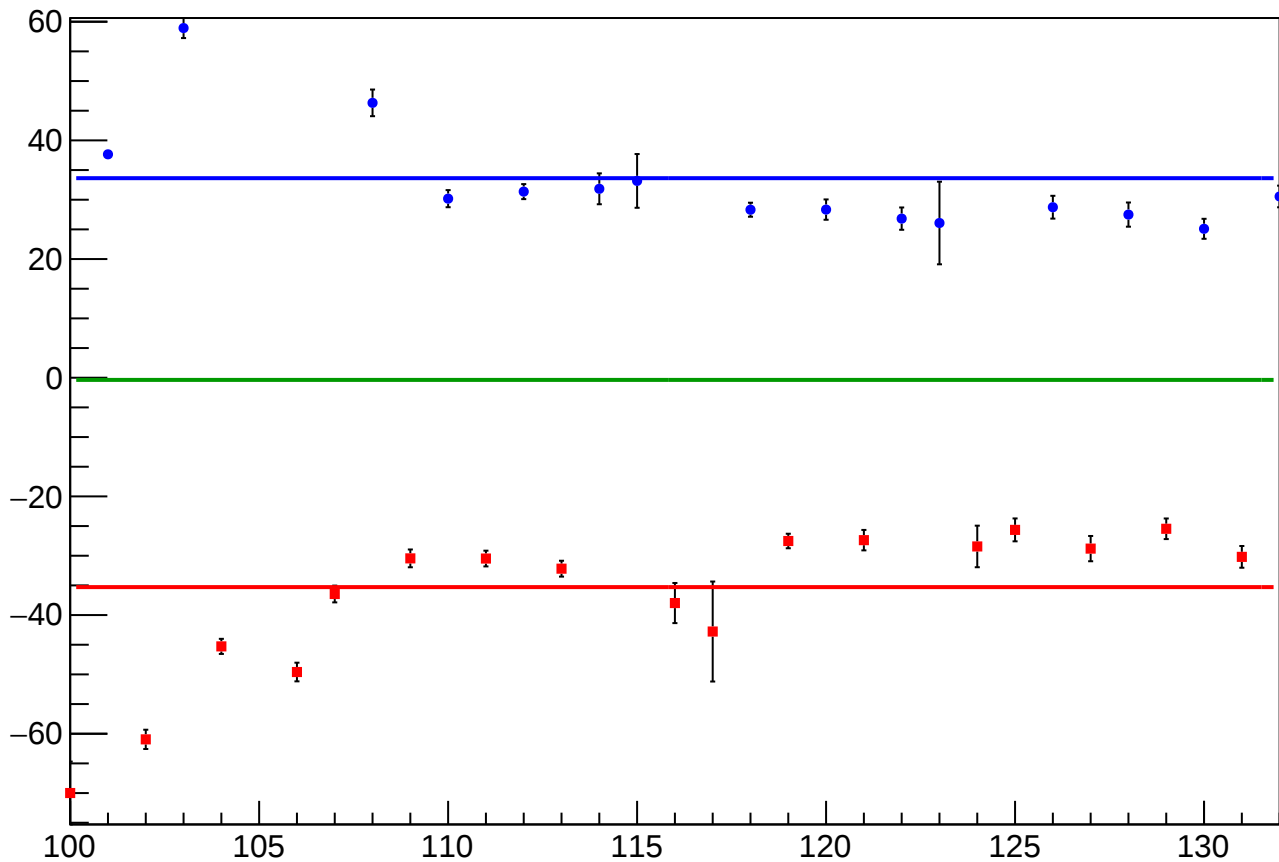
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-46.431 ± 0.654 χ^2/NDF : 301.1/14

3.039 ± 0.442 χ^2/NDF : 11112.6/31

44.439 ± 0.599 χ^2/NDF : 312.3/16

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.630 $\pm$ 0.409 χ^2 /NDF: 379.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.288 $\pm$ 0.415 χ^2 /NDF: 607.2/16

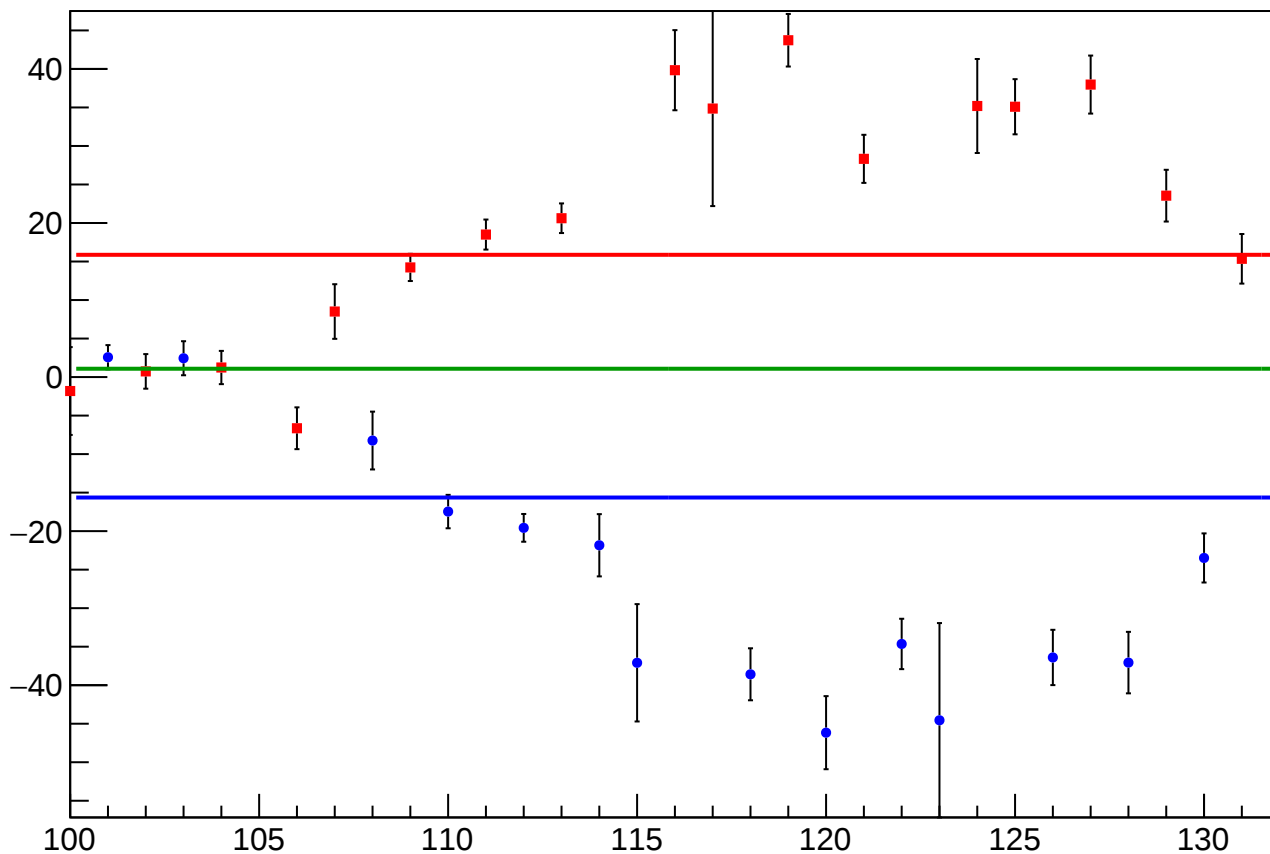
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

33.630 $\pm$ 0.409 χ^2 /NDF: 379.5/14

-0.368 $\pm$ 0.291 χ^2 /NDF: 14982.5/31

-35.288 $\pm$ 0.415 χ^2 /NDF: 607.2/16

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.637 ± 0.733 $\chi^2/\text{NDF}: 415.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.871 ± 0.689 $\chi^2/\text{NDF}: 367.5/16$

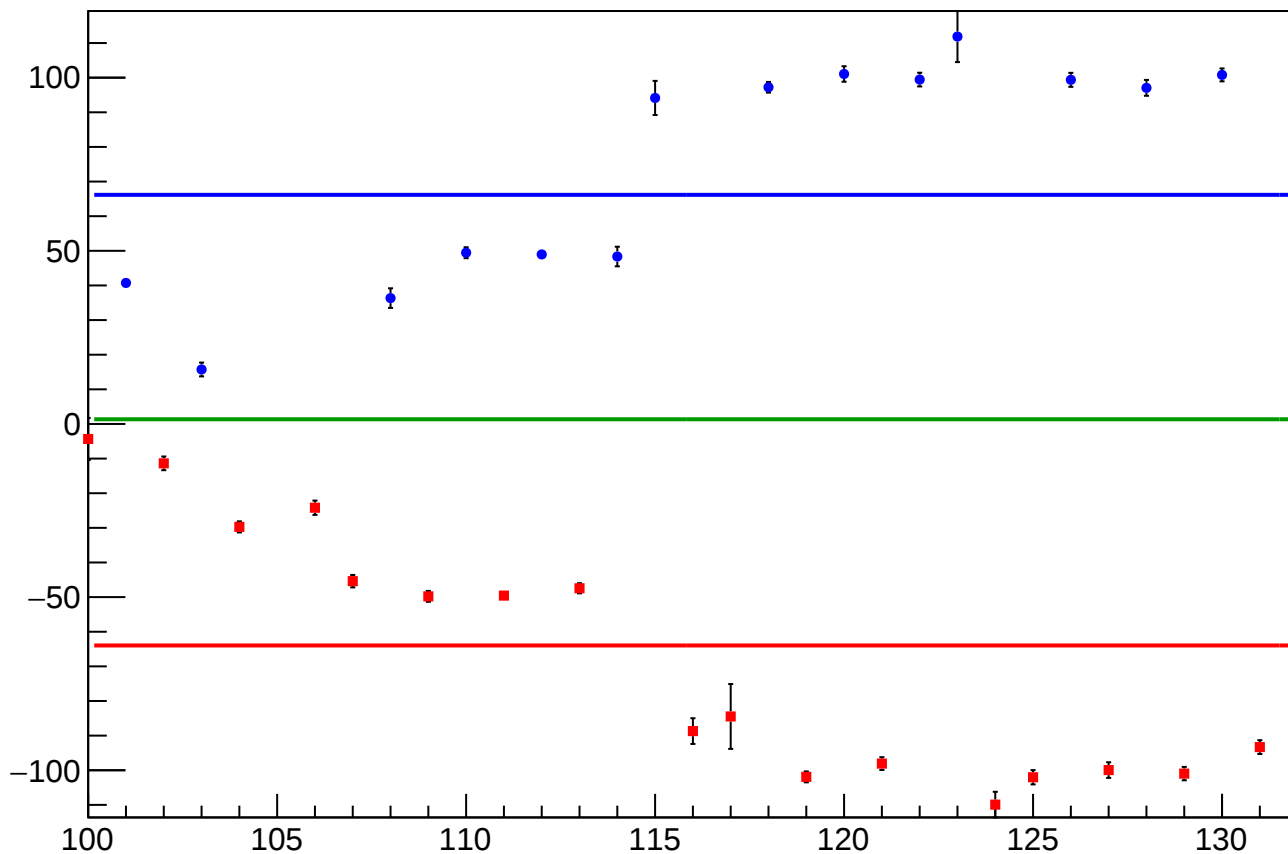
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-15.637 ± 0.733 $\chi^2/\text{NDF}: 415.8/14$

1.082 ± 0.502 $\chi^2/\text{NDF}: 1764.5/31$

15.871 ± 0.689 $\chi^2/\text{NDF}: 367.5/16$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 66.163+/-0.476 χ^2 /NDF: 3748.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -63.965+/-0.478 χ^2 /NDF: 4346.9/16

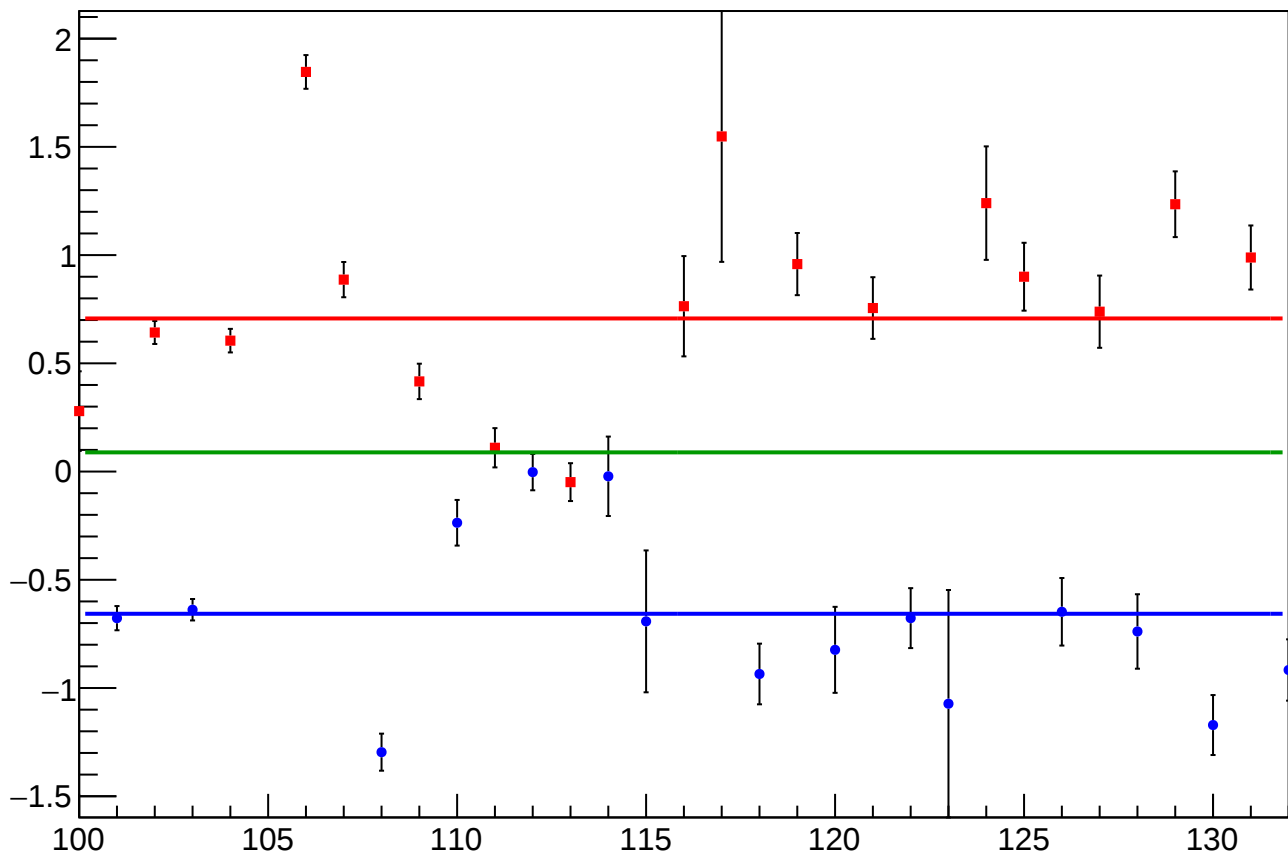
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

66.163+/-0.476 χ^2 /NDF: 3748.9/14

1.356+/-0.338 χ^2 /NDF: 45256.3/31

-63.965+/-0.478 χ^2 /NDF: 4346.9/16

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.657+/-0.026 χ^2/NDF : 167.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.707+/-0.024 χ^2/NDF : 386.4/16

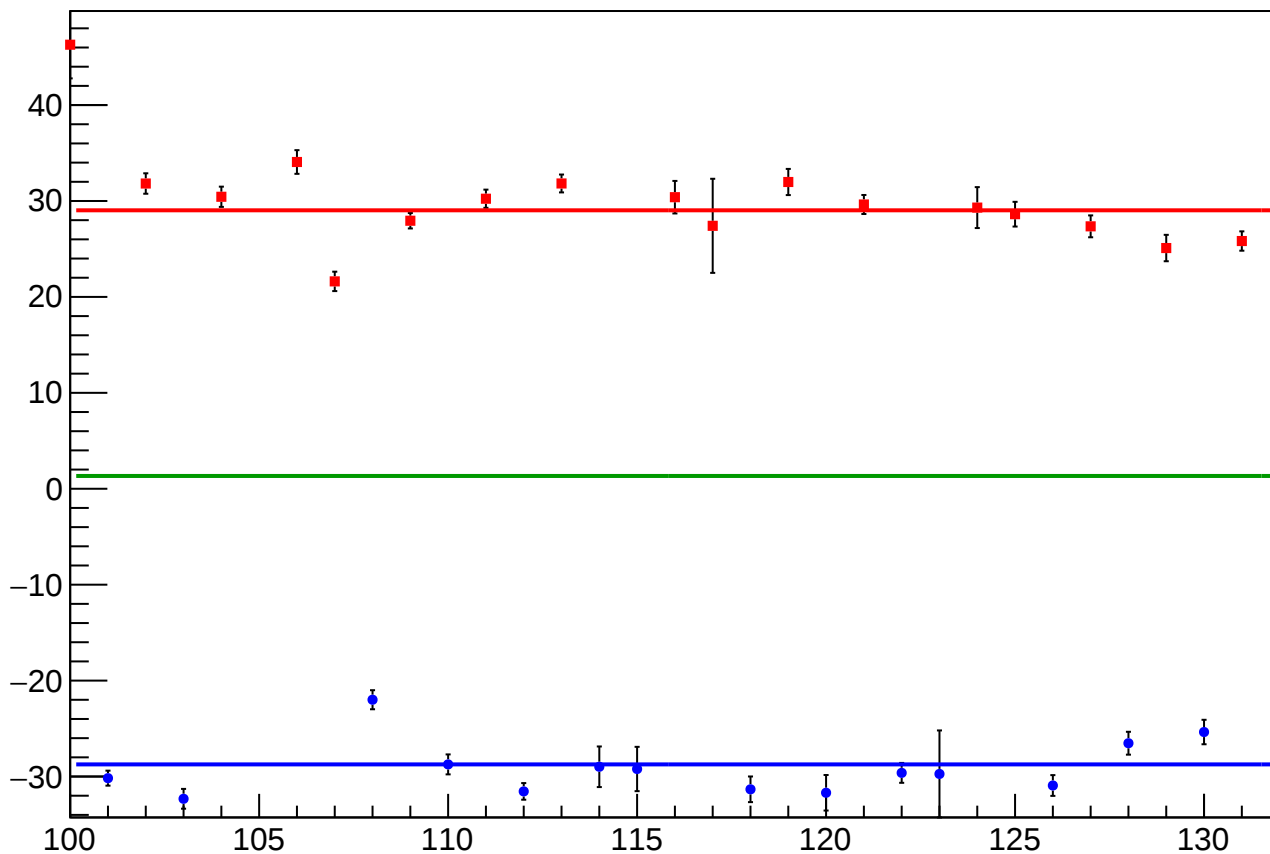
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.657+/-0.026 χ^2/NDF : 167.4/14

0.089+/-0.018 χ^2/NDF : 2022.3/31

0.707+/-0.024 χ^2/NDF : 386.4/16

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -28.735 ± 0.297 χ^2/NDF : 109.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.028 ± 0.285 χ^2/NDF : 142.0/16

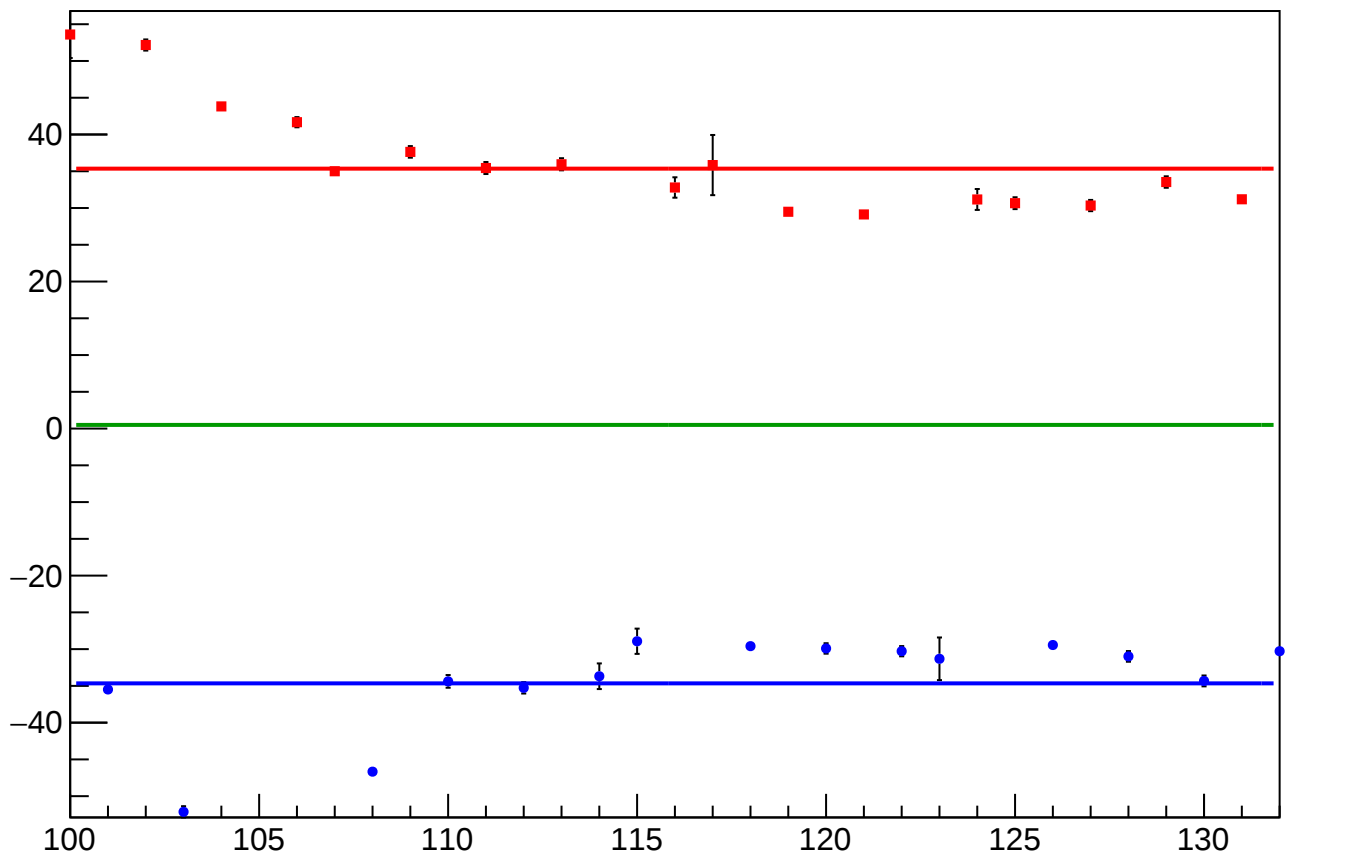
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.735 ± 0.297 χ^2/NDF : 109.7/14

1.334 ± 0.205 χ^2/NDF : 20007.5/31

29.028 ± 0.285 χ^2/NDF : 142.0/16

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.657 ± 0.178 $\chi^2/\text{NDF}: 1268.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 35.355 ± 0.177 $\chi^2/\text{NDF}: 1179.9/16$

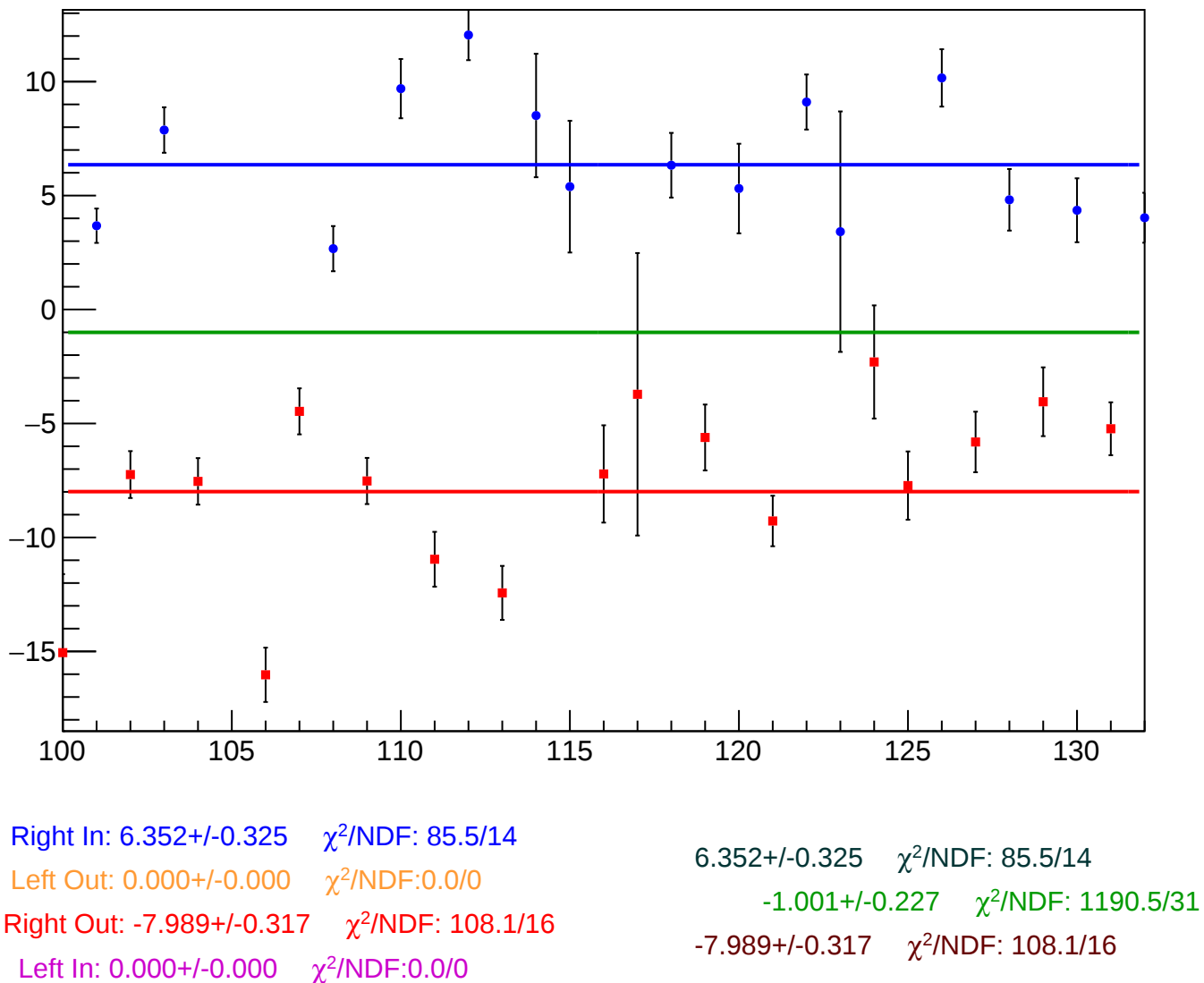
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-34.657 ± 0.178 $\chi^2/\text{NDF}: 1268.3/14$

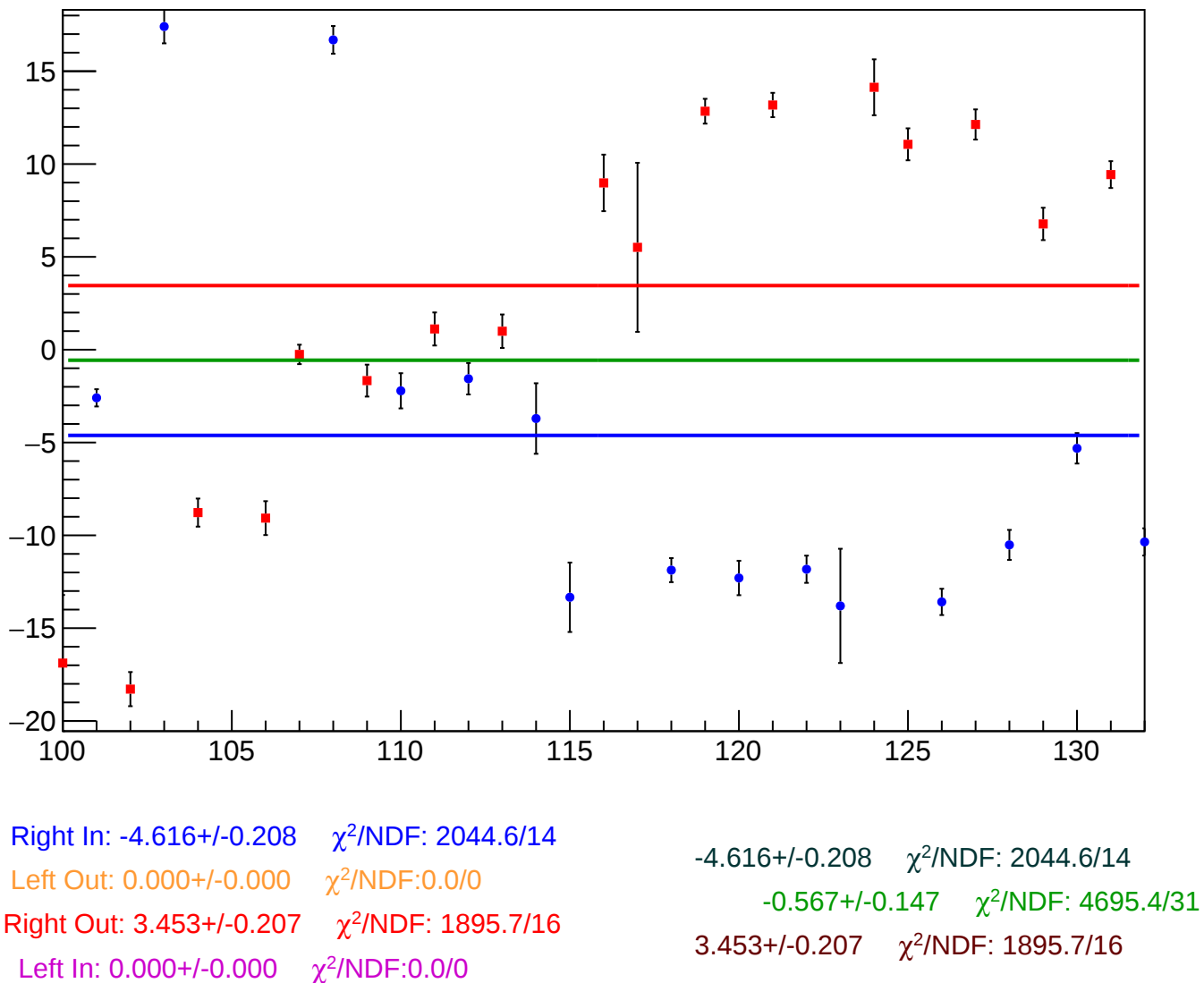
0.498 ± 0.126 $\chi^2/\text{NDF}: 80016.2/31$

35.355 ± 0.177 $\chi^2/\text{NDF}: 1179.9/16$

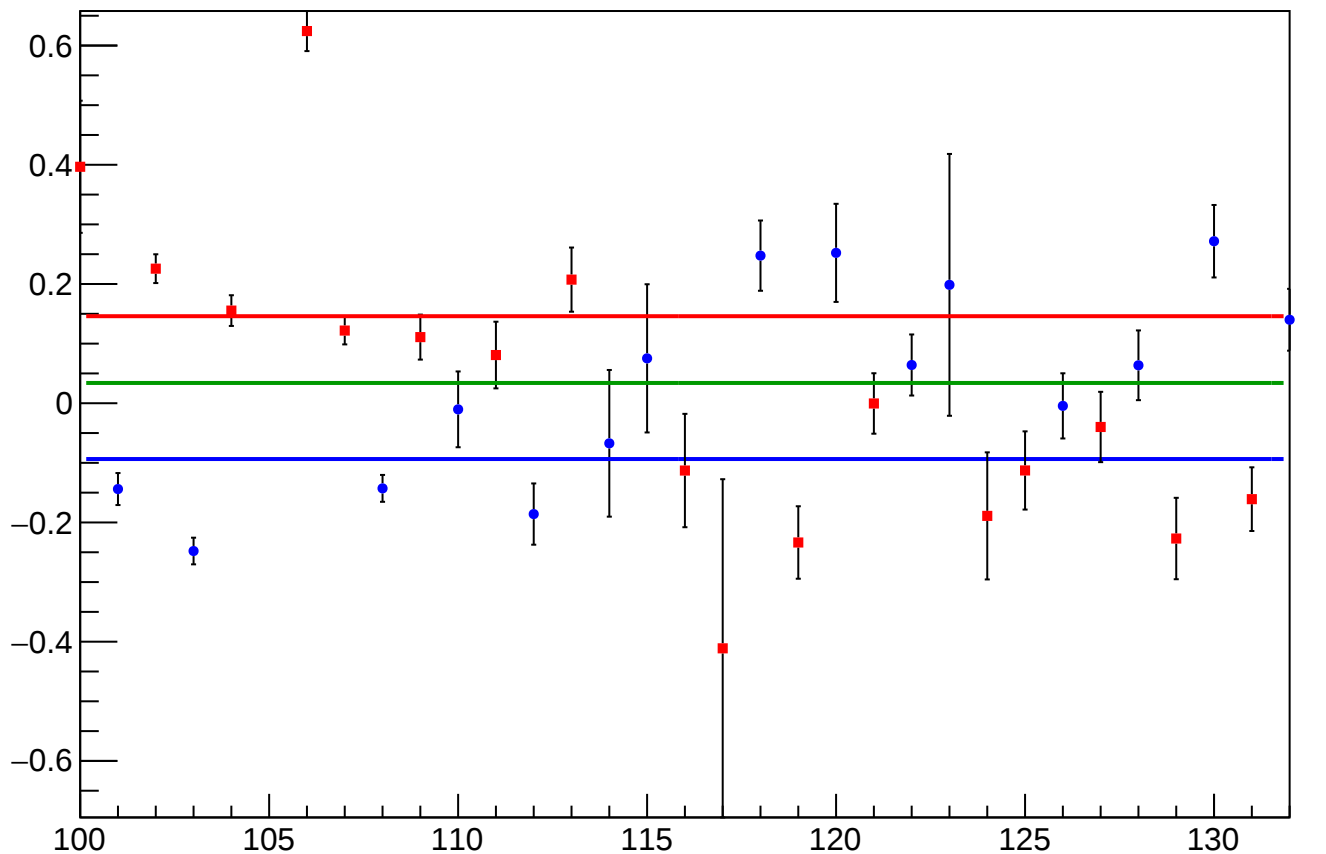
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.094 ± 0.011 χ^2/NDF : 191.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.146 ± 0.010 χ^2/NDF : 380.1/16

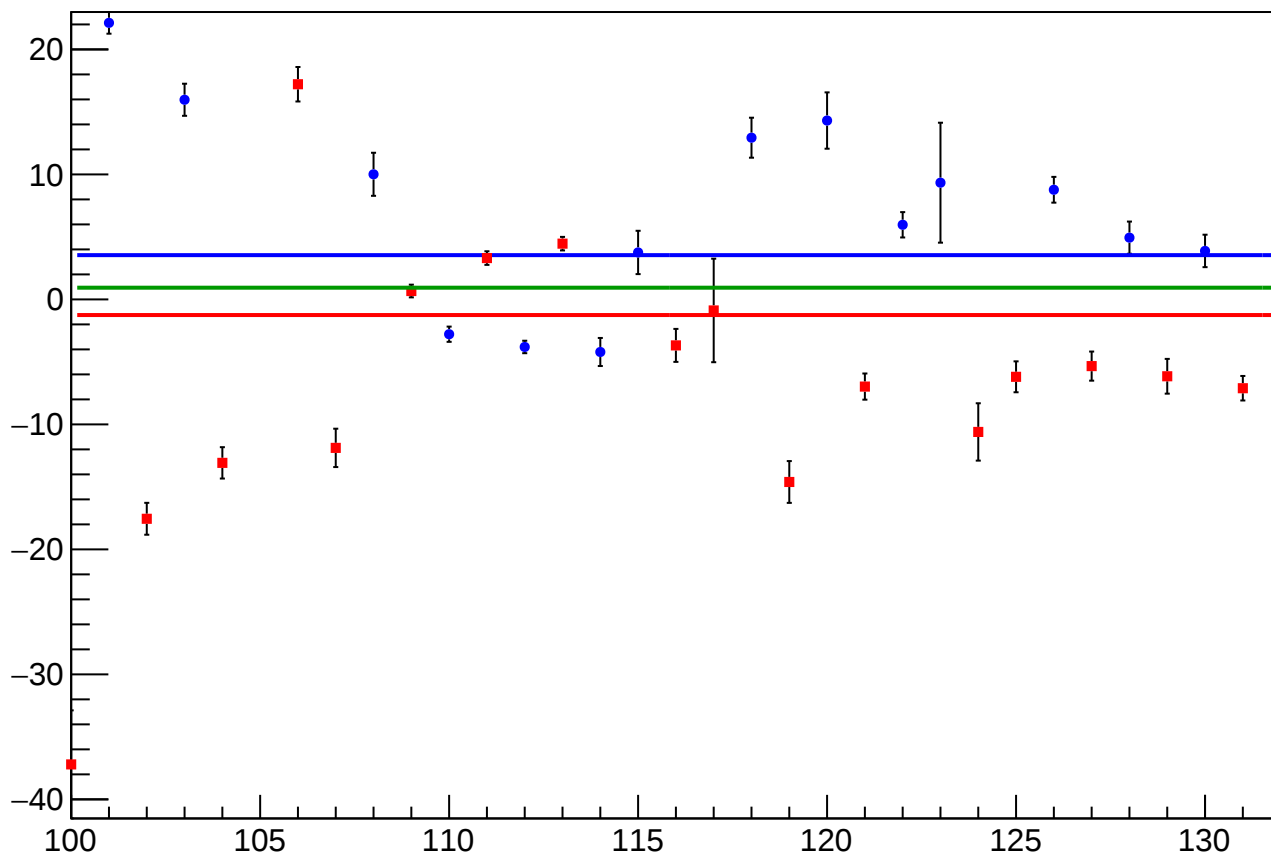
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.094 ± 0.011 χ^2/NDF : 191.5/14

0.034 ± 0.008 χ^2/NDF : 822.8/31

0.146 ± 0.010 χ^2/NDF : 380.1/16

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.542 $\pm$ 0.258 χ^2/NDF : 1043.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.251 $\pm$ 0.236 χ^2/NDF : 933.6/16

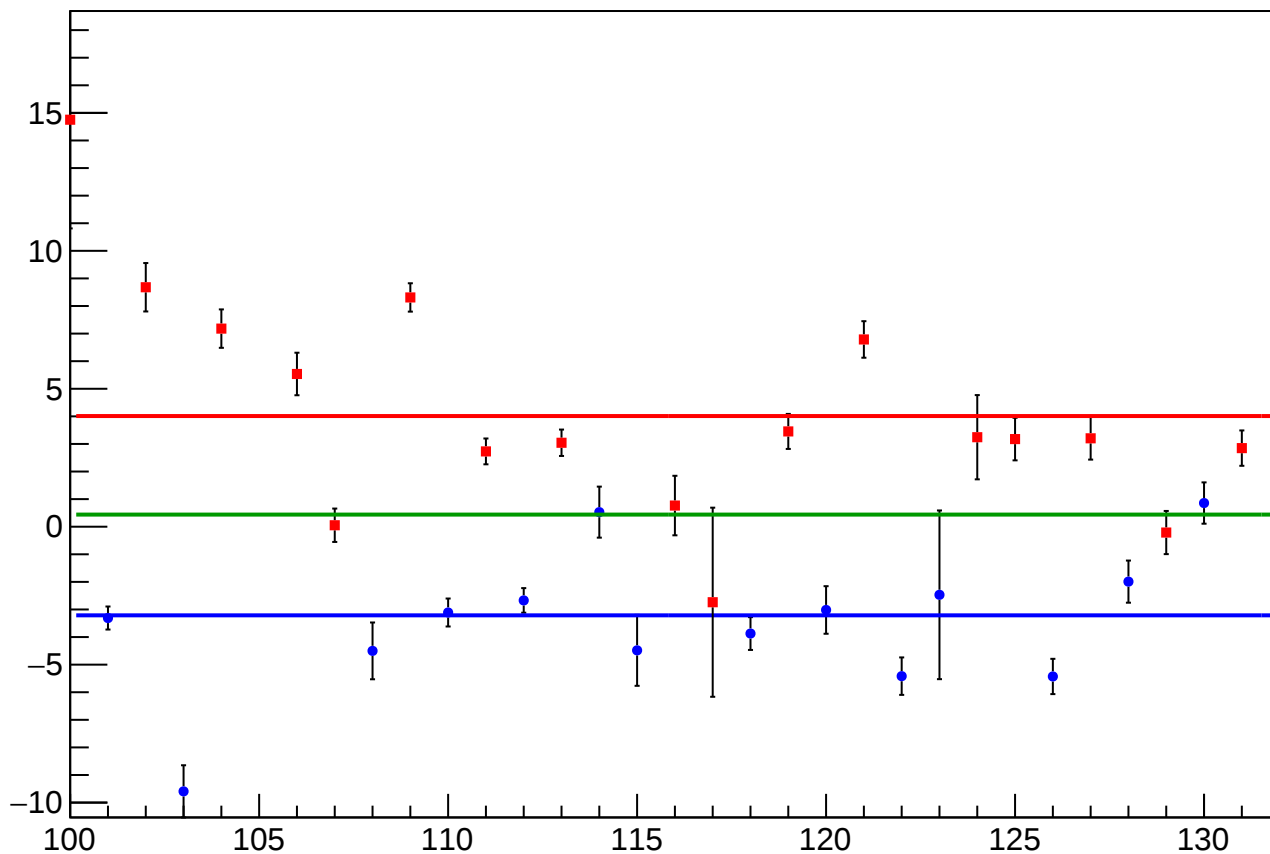
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

3.542 $\pm$ 0.258 χ^2/NDF : 1043.1/14

0.937 $\pm$ 0.174 χ^2/NDF : 2164.9/31

-1.251 $\pm$ 0.236 χ^2/NDF : 933.6/16

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.213+/-0.173 χ^2/NDF : 130.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.011+/-0.171 χ^2/NDF : 250.9/16

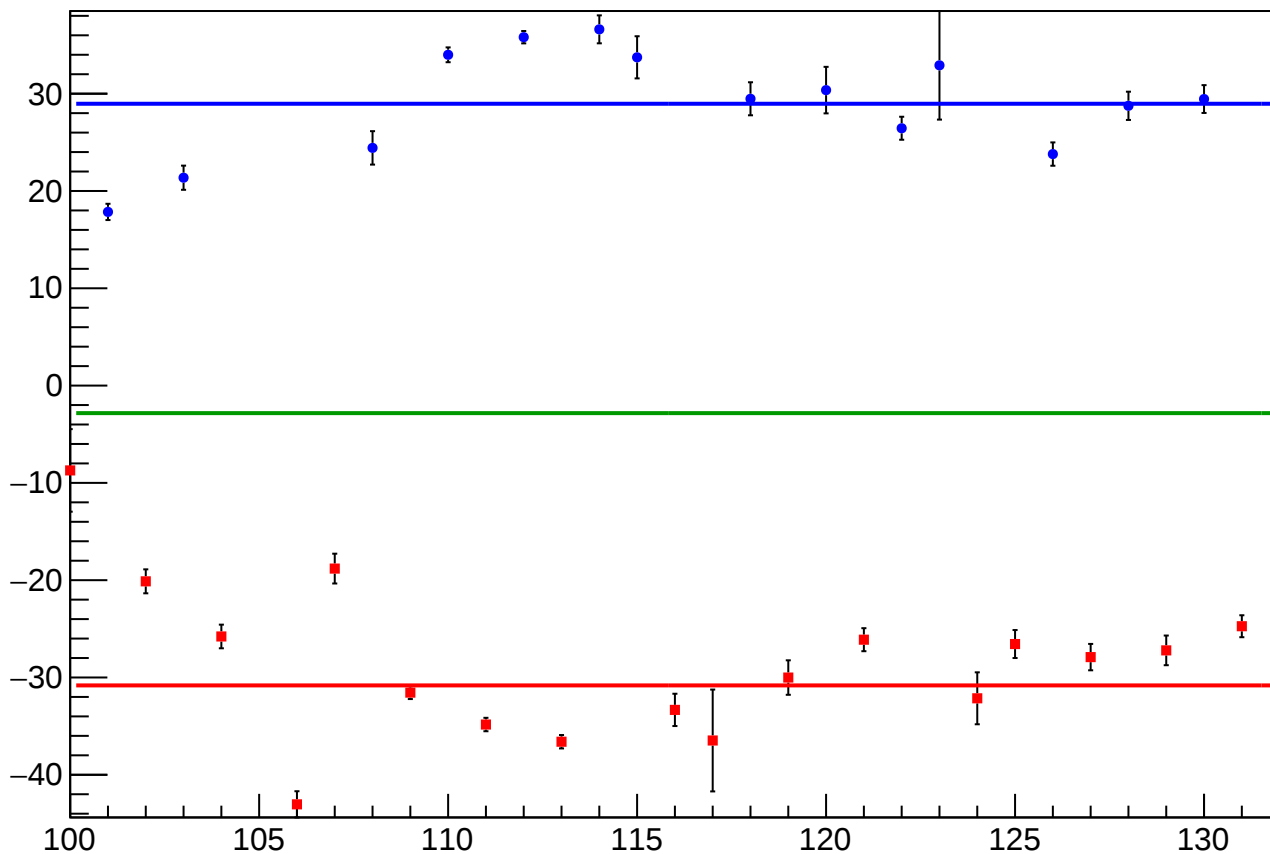
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.213+/-0.173 χ^2/NDF : 130.3/14

0.439+/-0.122 χ^2/NDF : 1261.7/31

4.011+/-0.171 χ^2/NDF : 250.9/16

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.965+/-0.299 χ^2 /NDF: 450.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -30.815+/-0.281 χ^2 /NDF: 436.9/16

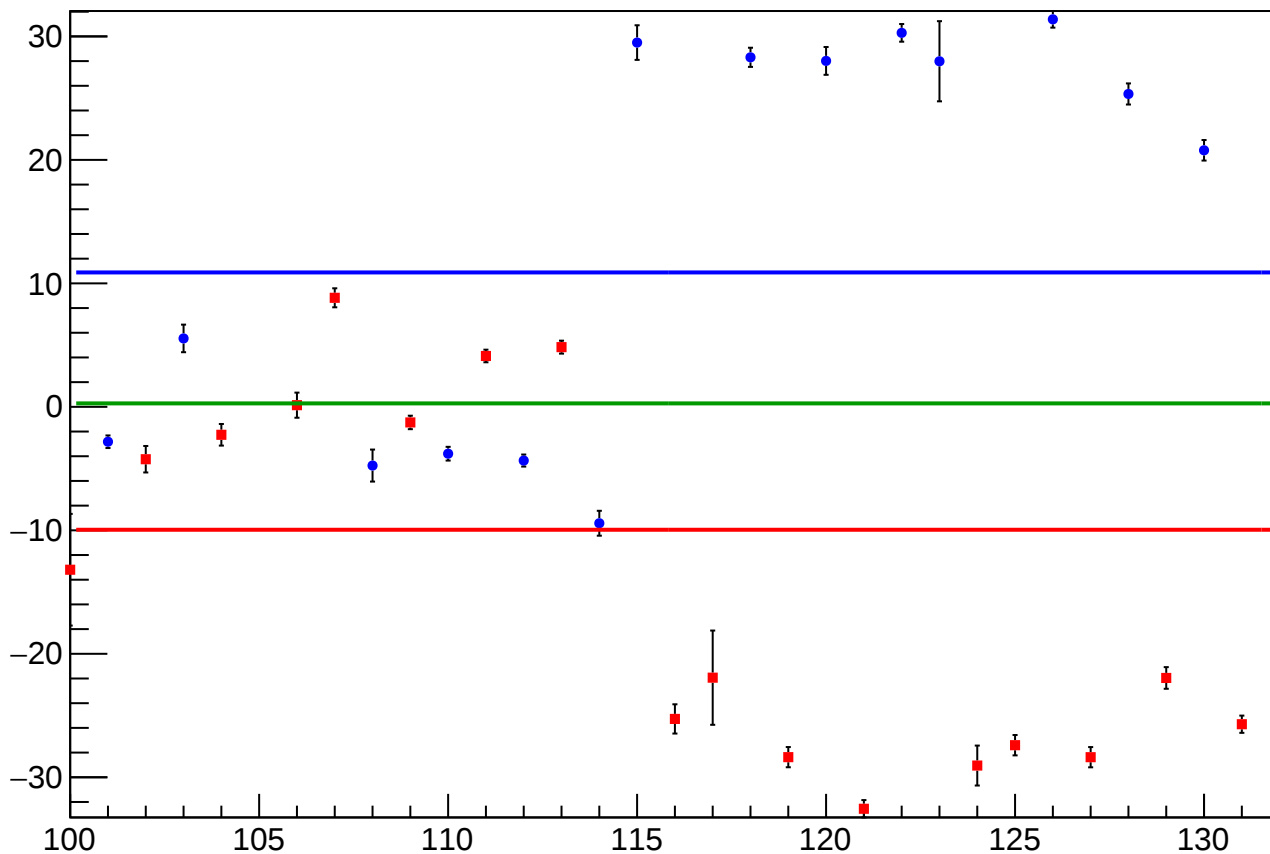
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.965+/-0.299 χ^2 /NDF: 450.3/14

-2.831+/-0.205 χ^2 /NDF: 22111.4/31

-30.815+/-0.281 χ^2 /NDF: 436.9/16

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.885 $\pm$ 0.197 χ^2 /NDF: 6352.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.954 $\pm$ 0.194 χ^2 /NDF: 6110.9/16

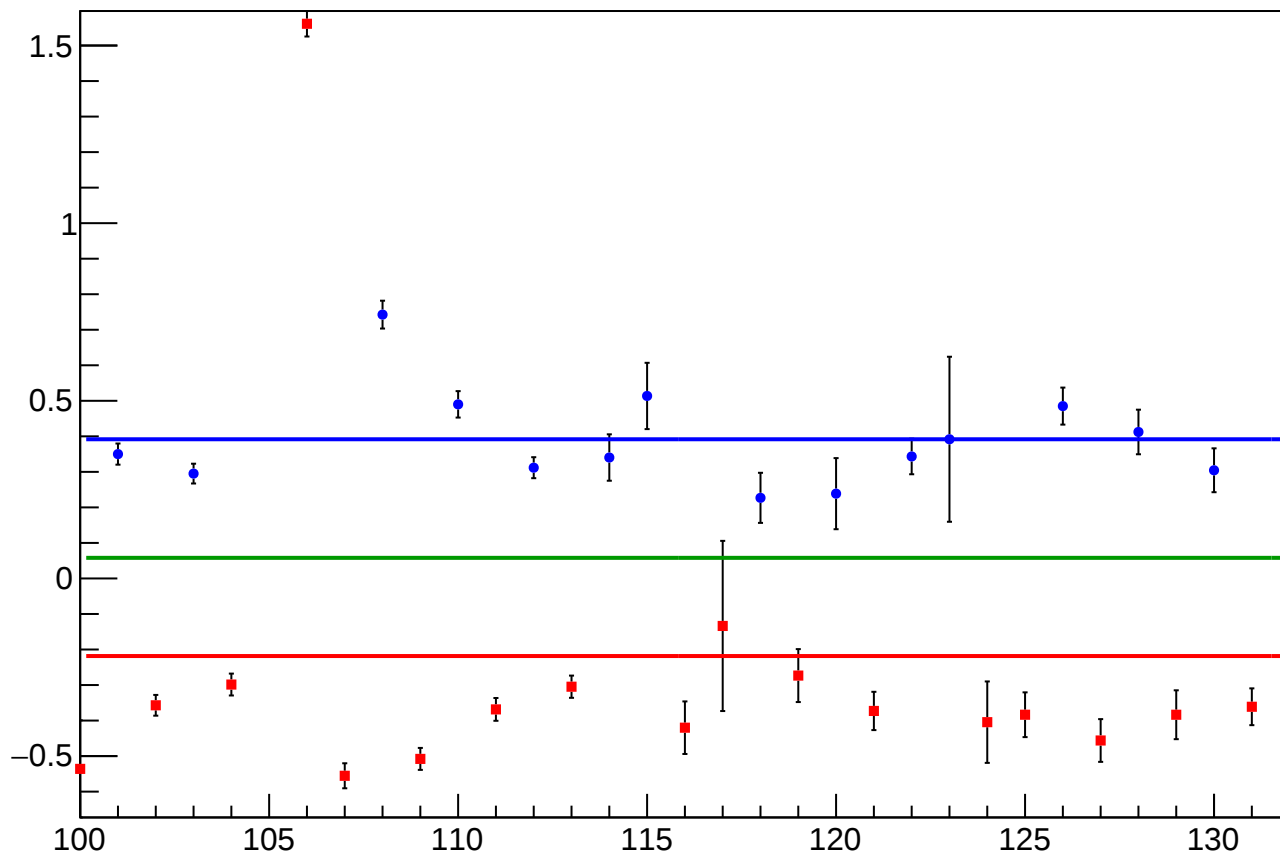
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.885 $\pm$ 0.197 χ^2 /NDF: 6352.7/14

0.280 $\pm$ 0.138 χ^2 /NDF: 18156.6/31

-9.954 $\pm$ 0.194 χ^2 /NDF: 6110.9/16

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.392 $\pm$ 0.012 χ^2 /NDF: 125.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.218 $\pm$ 0.011 χ^2 /NDF: 2757.1/16

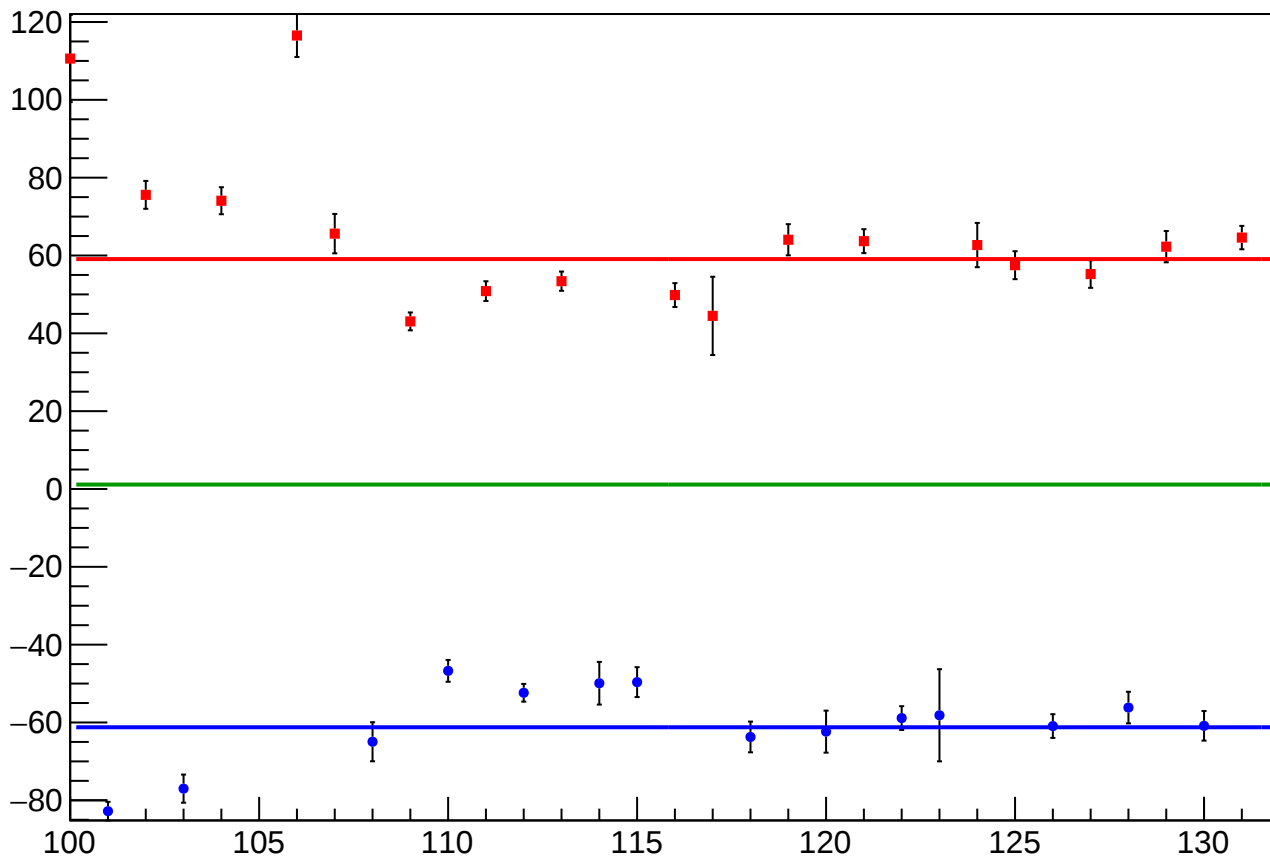
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.392 $\pm$ 0.012 χ^2 /NDF: 125.2/14

0.058 $\pm$ 0.008 χ^2 /NDF: 4369.3/31

-0.218 $\pm$ 0.011 χ^2 /NDF: 2757.1/16

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.229 $\pm$ 0.878 χ^2 /NDF: 158.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.077 $\pm$ 0.847 χ^2 /NDF: 256.3/16

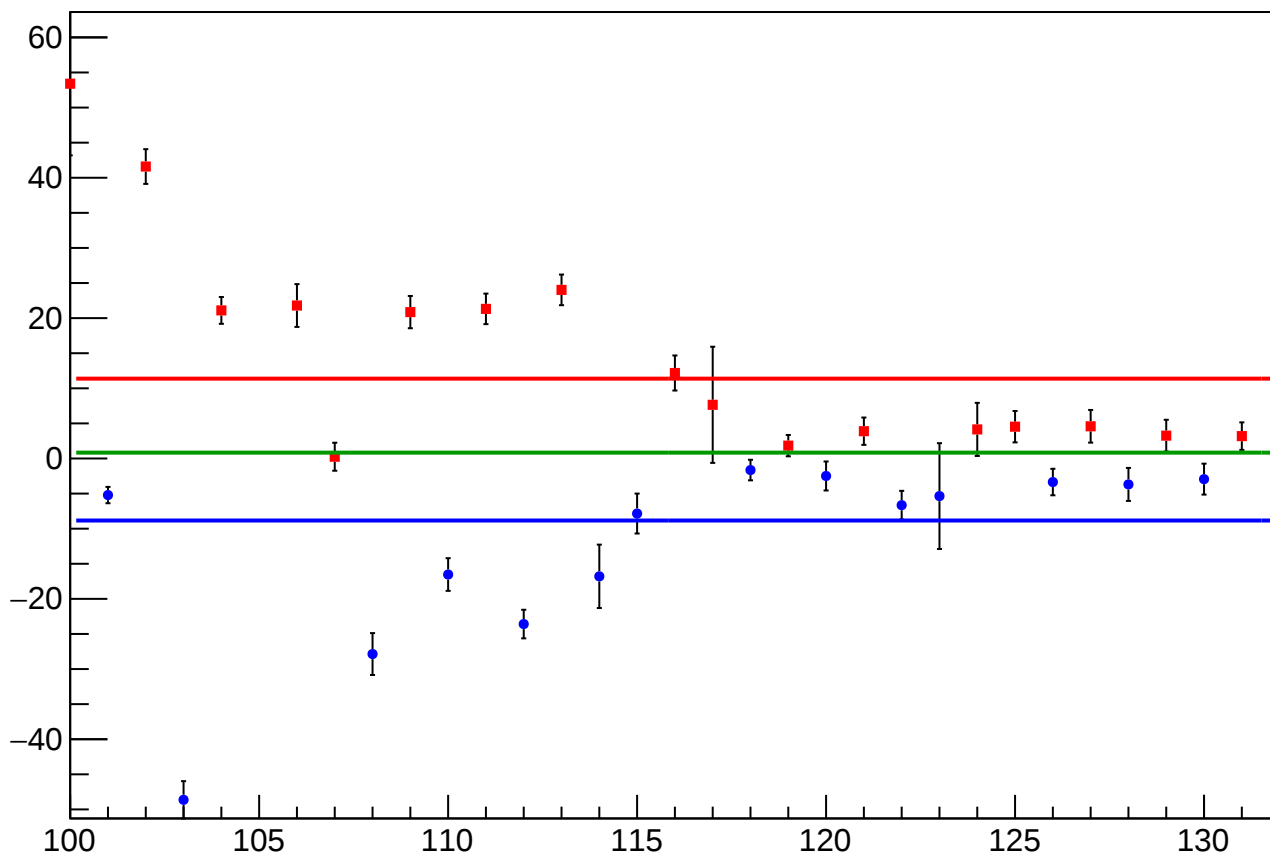
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-61.229 $\pm$ 0.878 χ^2 /NDF: 158.9/14

1.139 $\pm$ 0.610 χ^2 /NDF: 10141.8/31

59.077 $\pm$ 0.847 χ^2 /NDF: 256.3/16

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.837 ± 0.536 χ^2/NDF : 402.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.377 ± 0.559 χ^2/NDF : 412.6/16

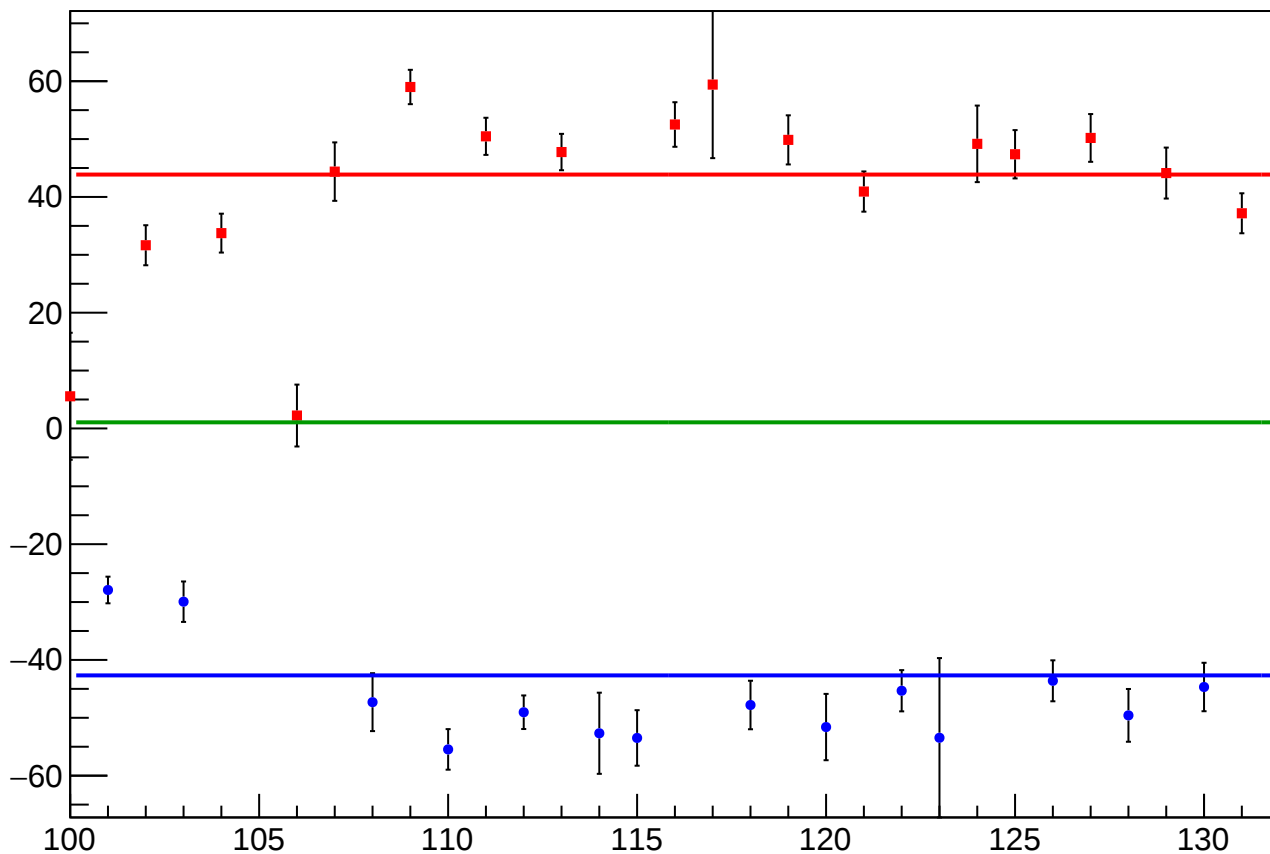
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.837 ± 0.536 χ^2/NDF : 402.3/14

0.834 ± 0.387 χ^2/NDF : 1496.2/31

11.377 ± 0.559 χ^2/NDF : 412.6/16

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.674 ± 0.985 χ^2/NDF : 88.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 43.868 ± 0.975 χ^2/NDF : 142.9/16

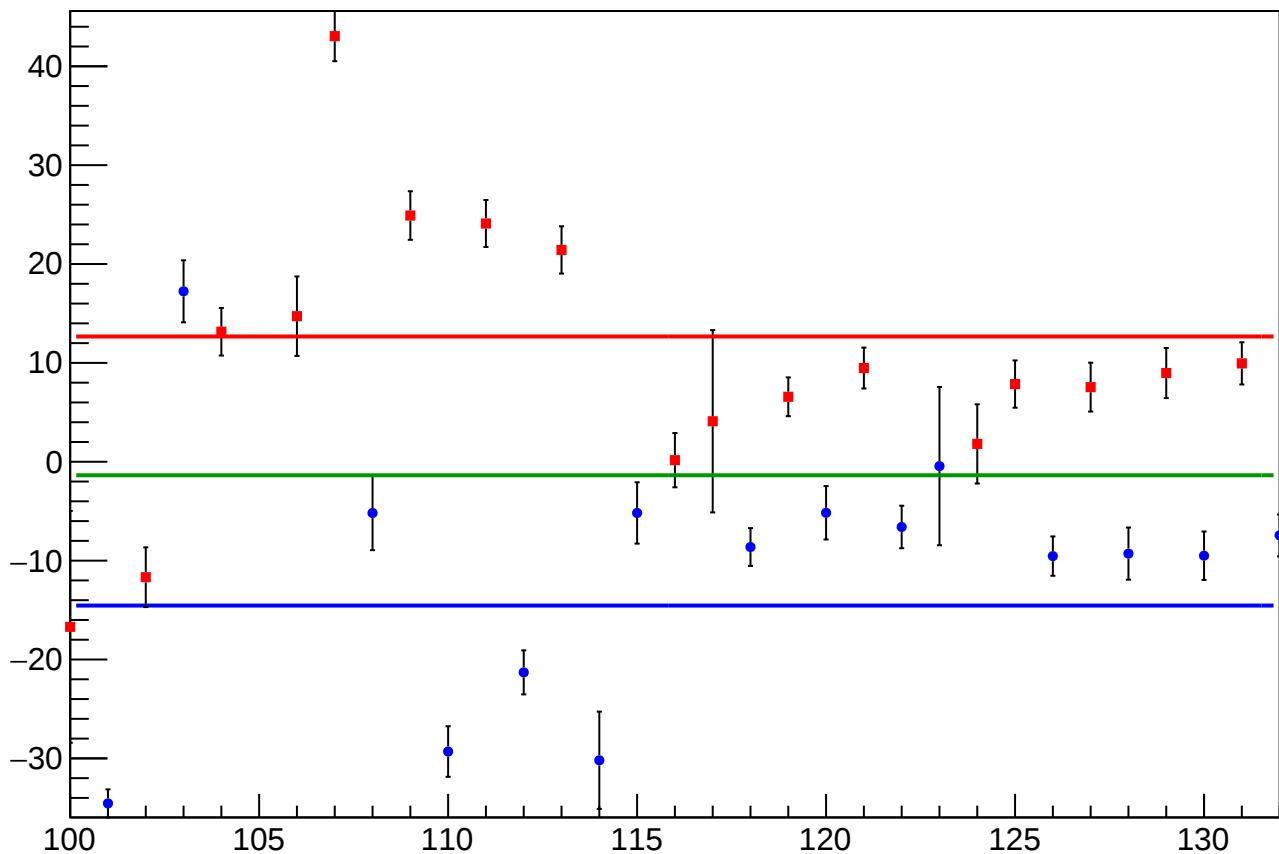
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-42.674 ± 0.985 χ^2/NDF : 88.5/14

1.053 ± 0.693 χ^2/NDF : 4132.8/31

43.868 ± 0.975 χ^2/NDF : 142.9/16

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.543±/0.621 χ^2/NDF : 432.9/14

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 12.671±/0.640 χ^2/NDF : 329.2/16

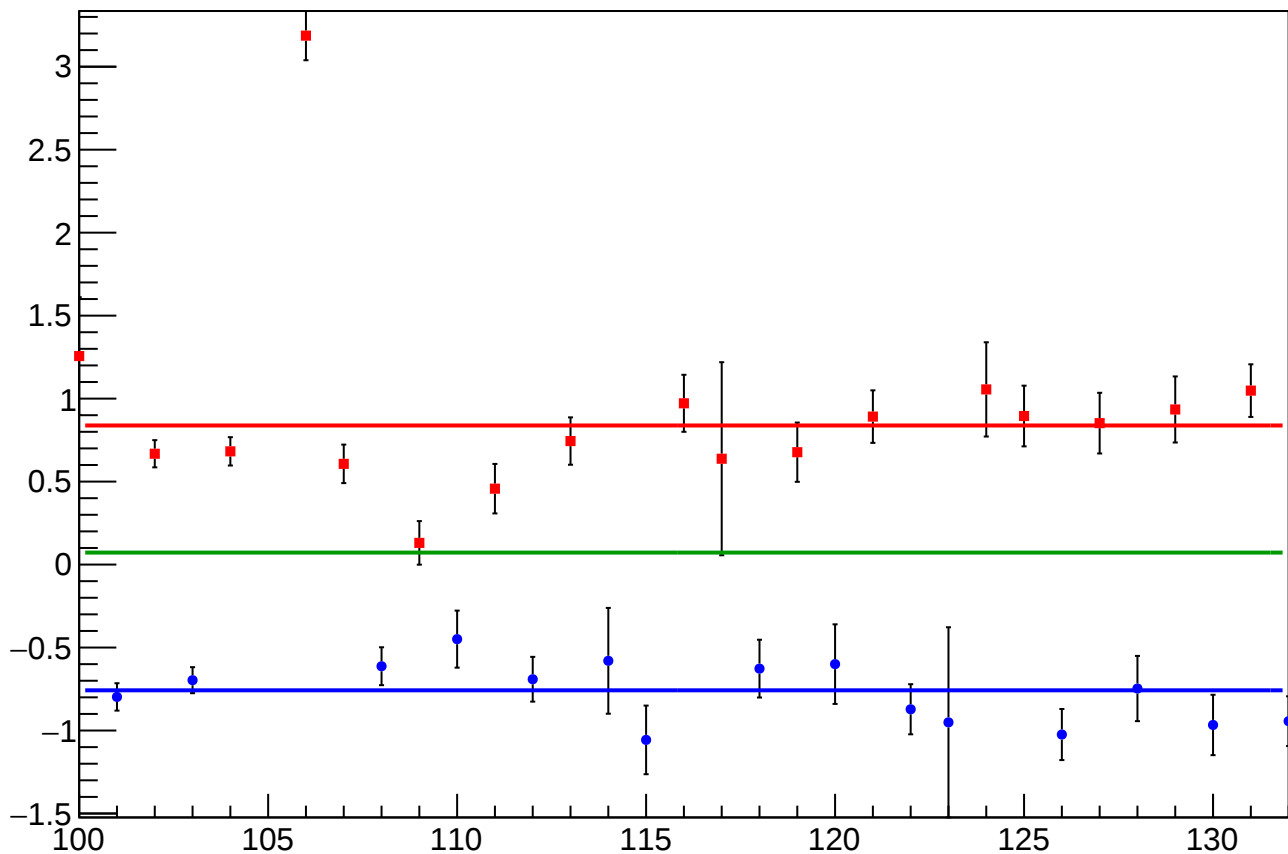
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-14.543±/0.621 χ^2/NDF : 432.9/14

-1.363±/0.446 χ^2/NDF : 1693.7/31

12.671±/0.640 χ^2/NDF : 329.2/16

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.758 ± 0.037 χ^2/NDF : 15.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.838 ± 0.035 χ^2/NDF : 304.2/16

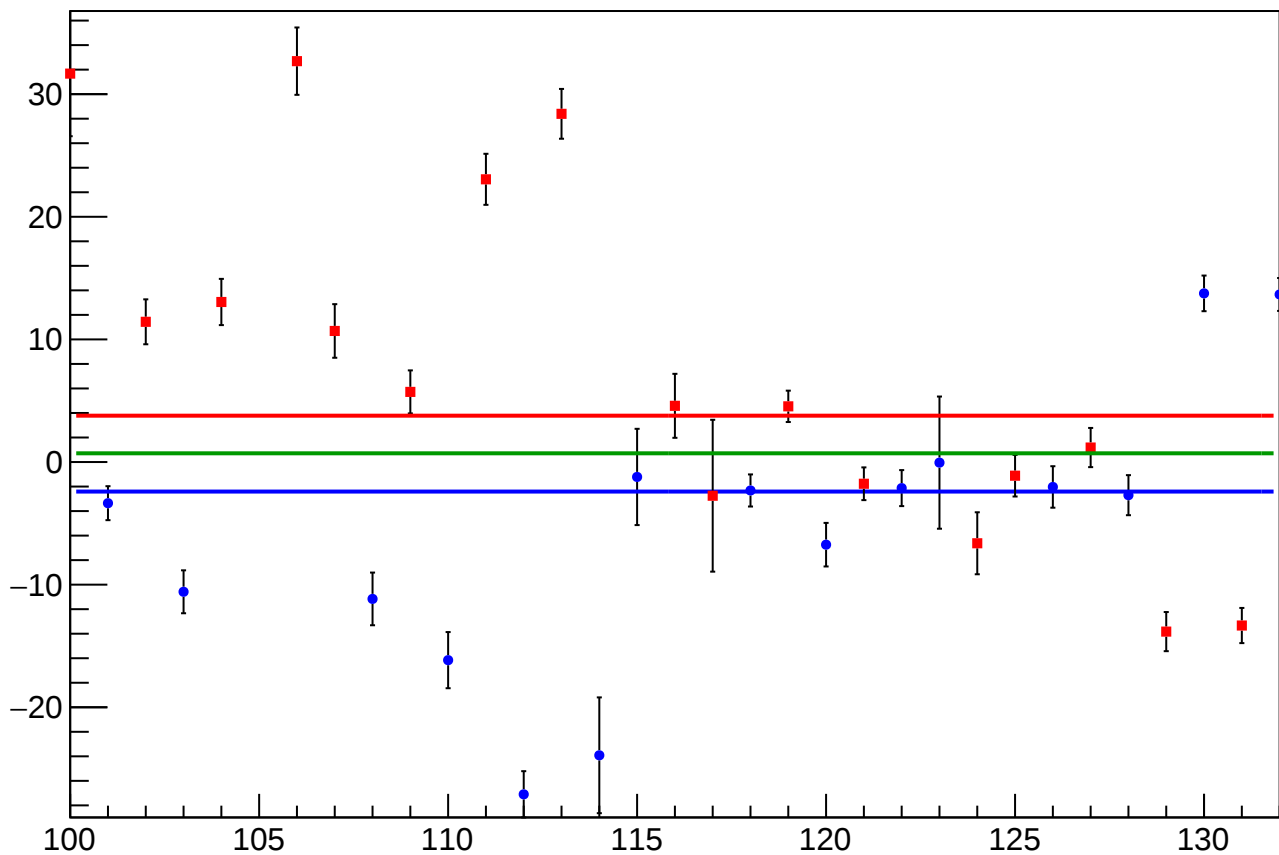
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.758 ± 0.037 χ^2/NDF : 15.9/14

0.072 ± 0.025 χ^2/NDF : 1311.5/31

0.838 ± 0.035 χ^2/NDF : 304.2/16

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -2.408 $\pm$ 0.457 χ^2 /NDF: 540.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.780 $\pm$ 0.453 χ^2 /NDF: 737.1/16

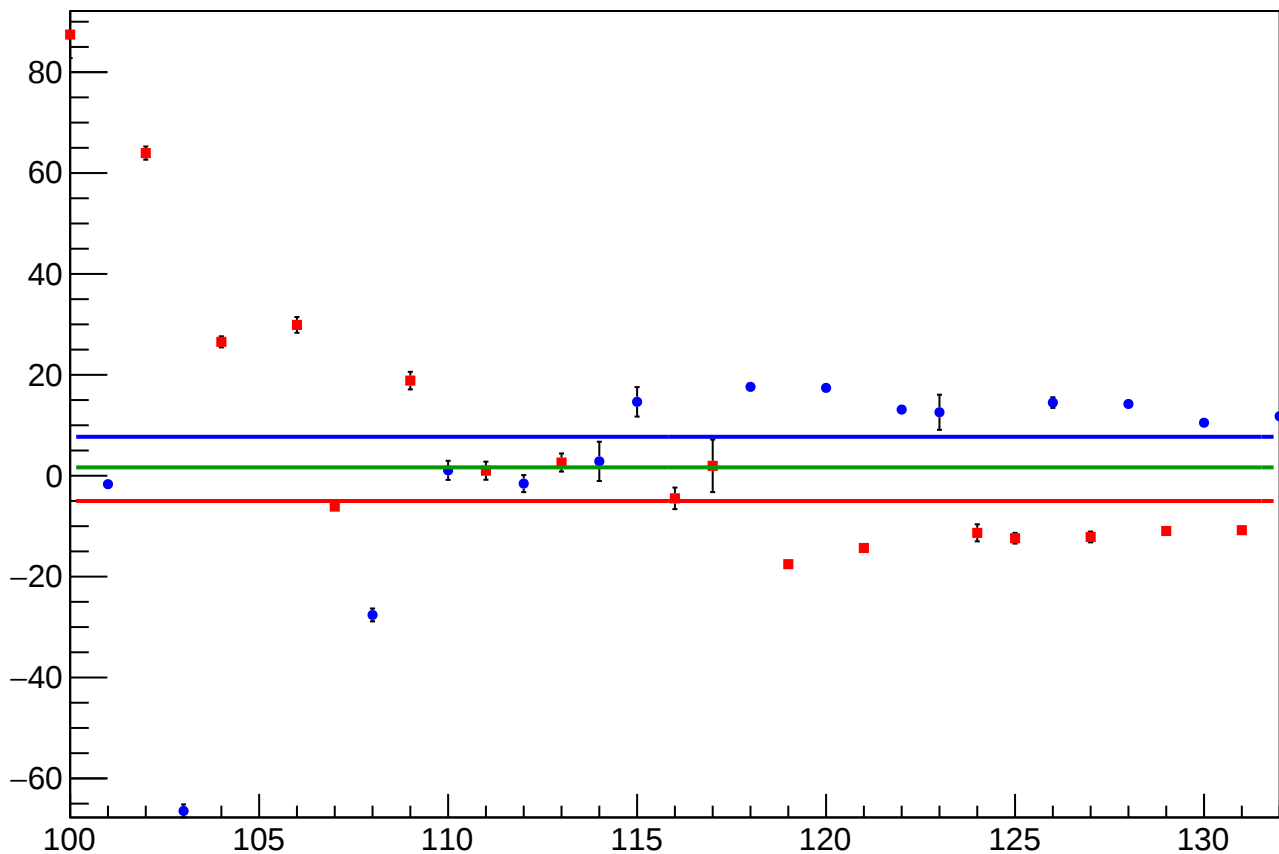
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2.408 $\pm$ 0.457 χ^2 /NDF: 540.5/14

0.712 $\pm$ 0.321 χ^2 /NDF: 1370.2/31

3.780 $\pm$ 0.453 χ^2 /NDF: 737.1/16

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.718 ± 0.250 χ^2/NDF : 5044.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.010 ± 0.262 χ^2/NDF : 5684.1/16

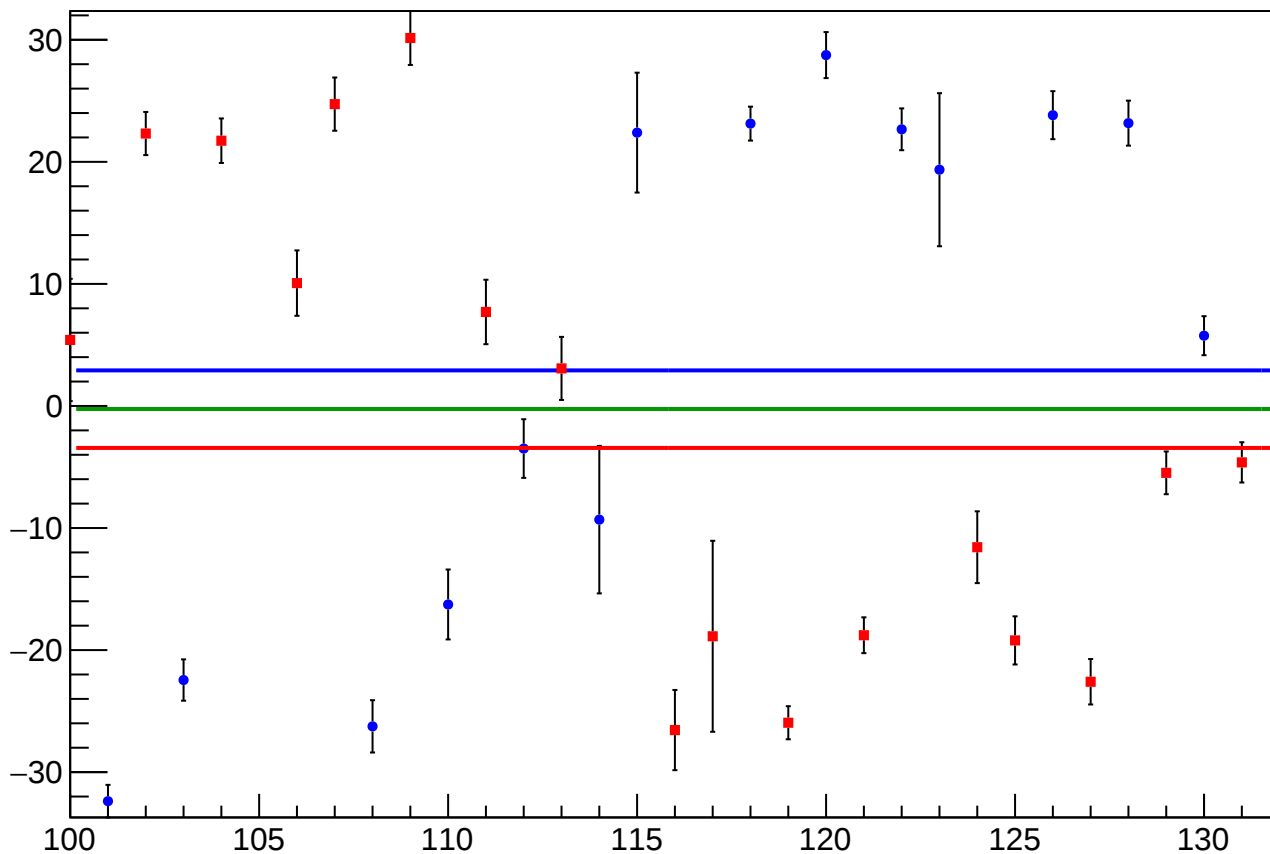
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.718 ± 0.250 χ^2/NDF : 5044.5/14

1.658 ± 0.181 χ^2/NDF : 11963.3/31

-5.010 ± 0.262 χ^2/NDF : 5684.1/16

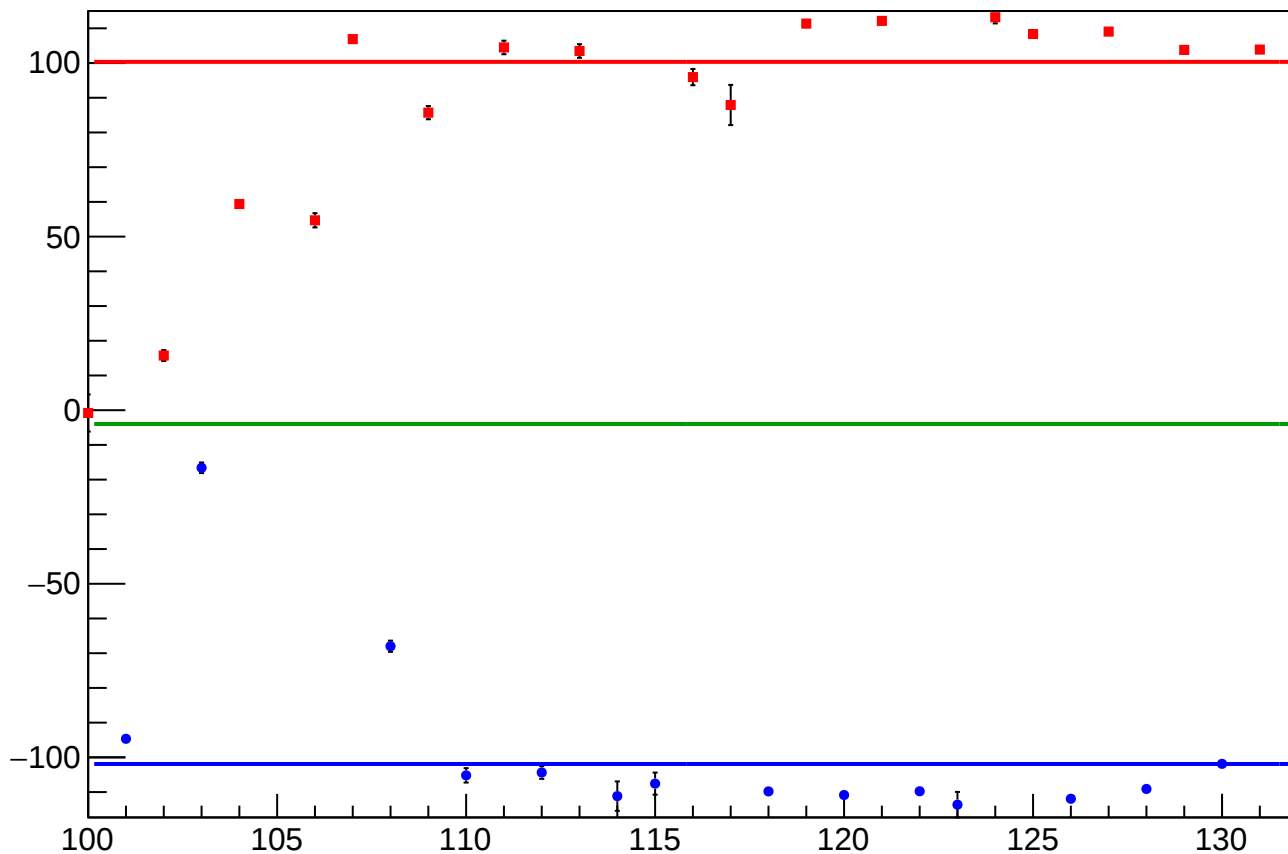
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.914+/-0.499 χ^2/NDF : 1958.1/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.439+/-0.501 χ^2/NDF : 1470.8/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.914+/-0.499 χ^2/NDF : 1958.1/14
 -0.247+/-0.354 χ^2/NDF : 3509.6/31
 -3.439+/-0.501 χ^2/NDF : 1470.8/16

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -101.910+/-0.297 χ^2 /NDF: 4112.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 100.339+/-0.307 χ^2 /NDF: 5355.5/16

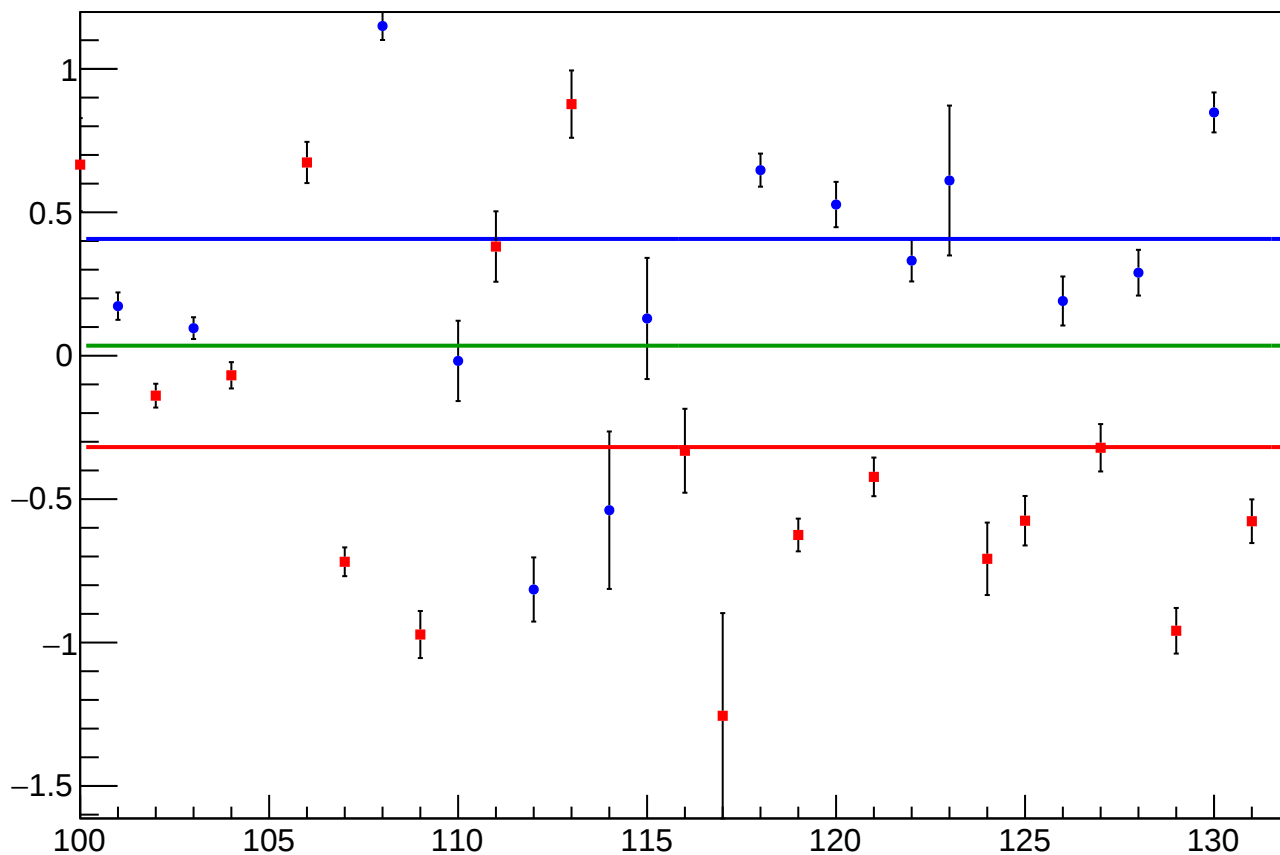
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-101.910+/-0.297 χ^2 /NDF: 4112.6/14

-3.970+/-0.213 χ^2 /NDF: 234023.0/31

100.339+/-0.307 χ^2 /NDF: 5355.5/16

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.407 $\pm$ 0.018 χ^2 /NDF: 537.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.318 $\pm$ 0.018 χ^2 /NDF: 672.0/16

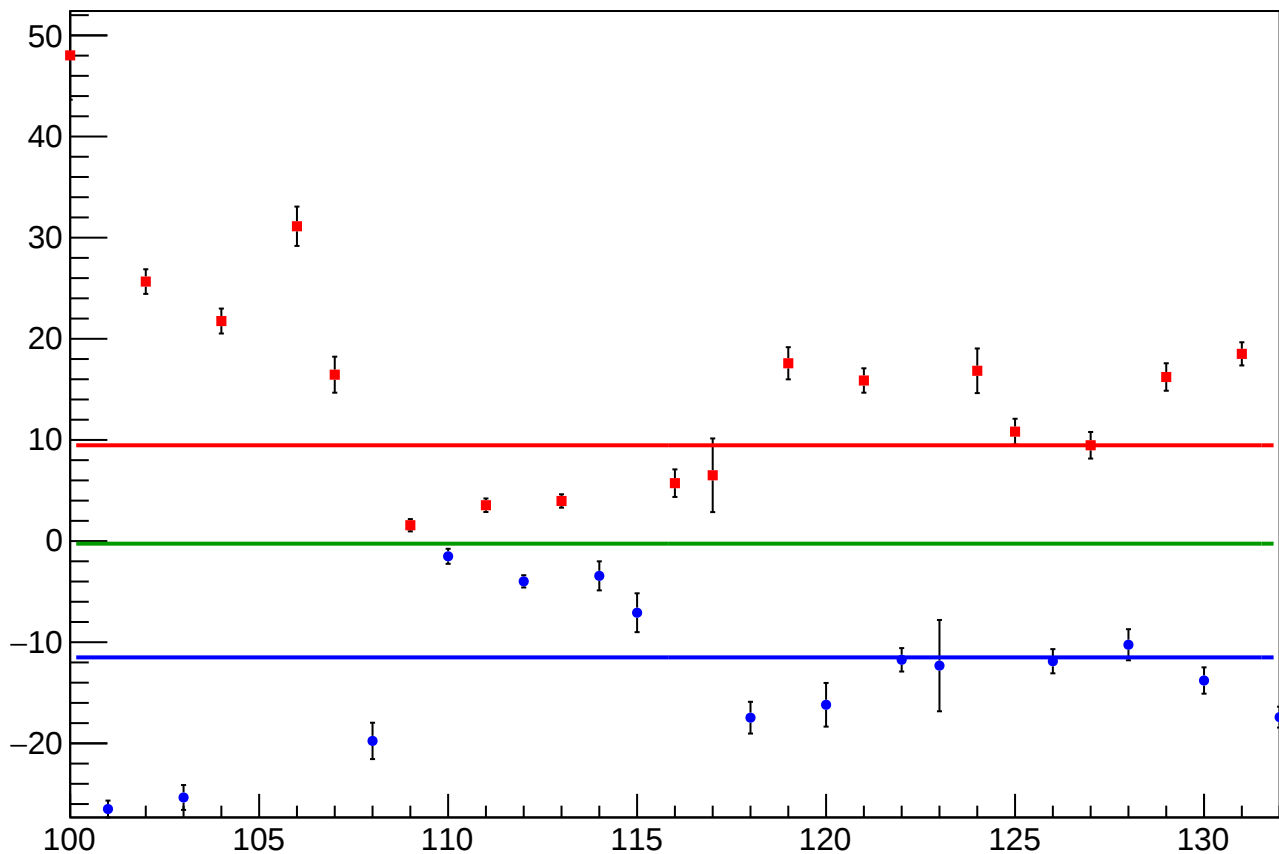
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.407 $\pm$ 0.018 χ^2 /NDF: 537.6/14

0.035 $\pm$ 0.013 χ^2 /NDF: 2038.2/31

-0.318 $\pm$ 0.018 χ^2 /NDF: 672.0/16

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -11.500 $\pm$ 0.292 χ^2 /NDF: 898.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.471 $\pm$ 0.271 χ^2 /NDF: 971.2/16

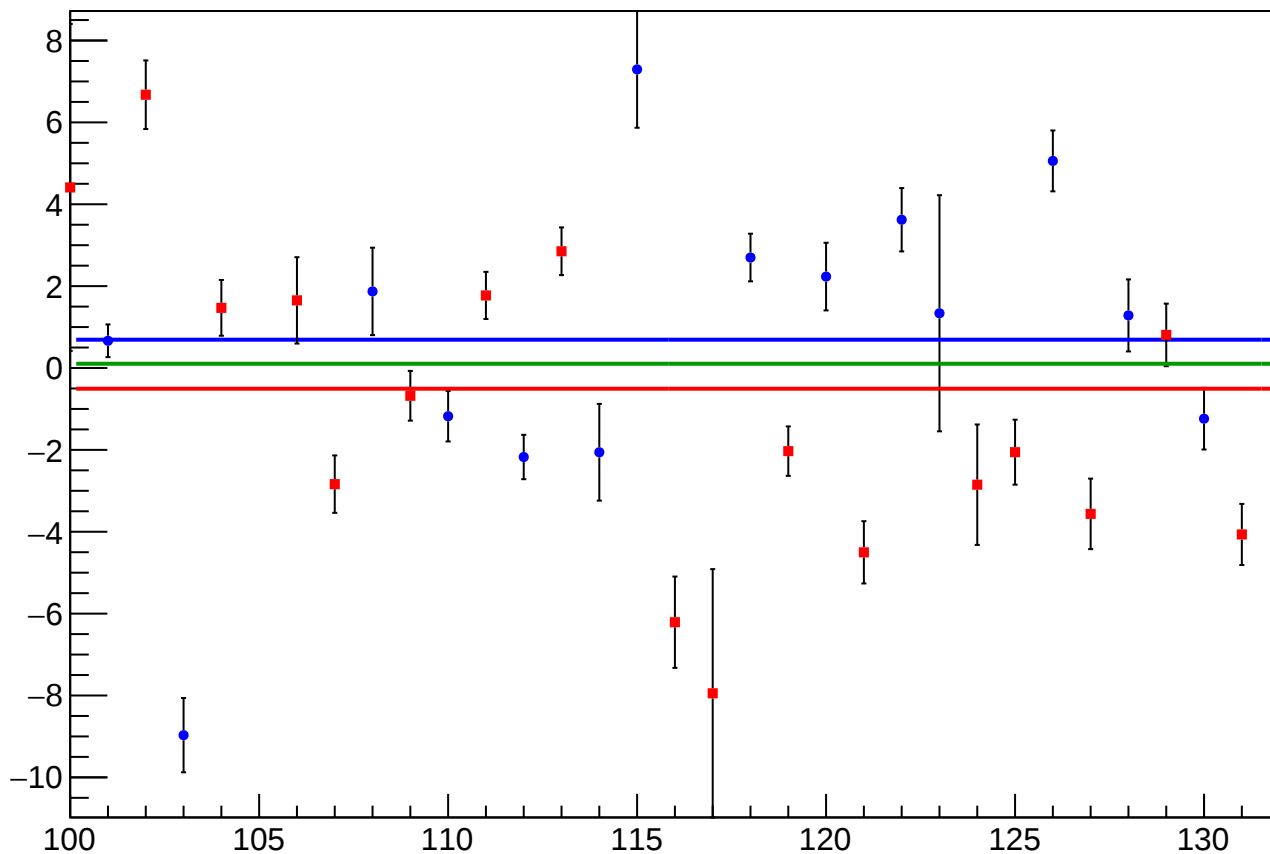
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.500 $\pm$ 0.292 χ^2 /NDF: 898.6/14

-0.255 $\pm$ 0.199 χ^2 /NDF: 4642.4/31

9.471 $\pm$ 0.271 χ^2 /NDF: 971.2/16

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.692 $\pm$ 0.187 χ^2 /NDF: 267.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.506 $\pm$ 0.191 χ^2 /NDF: 258.3/16

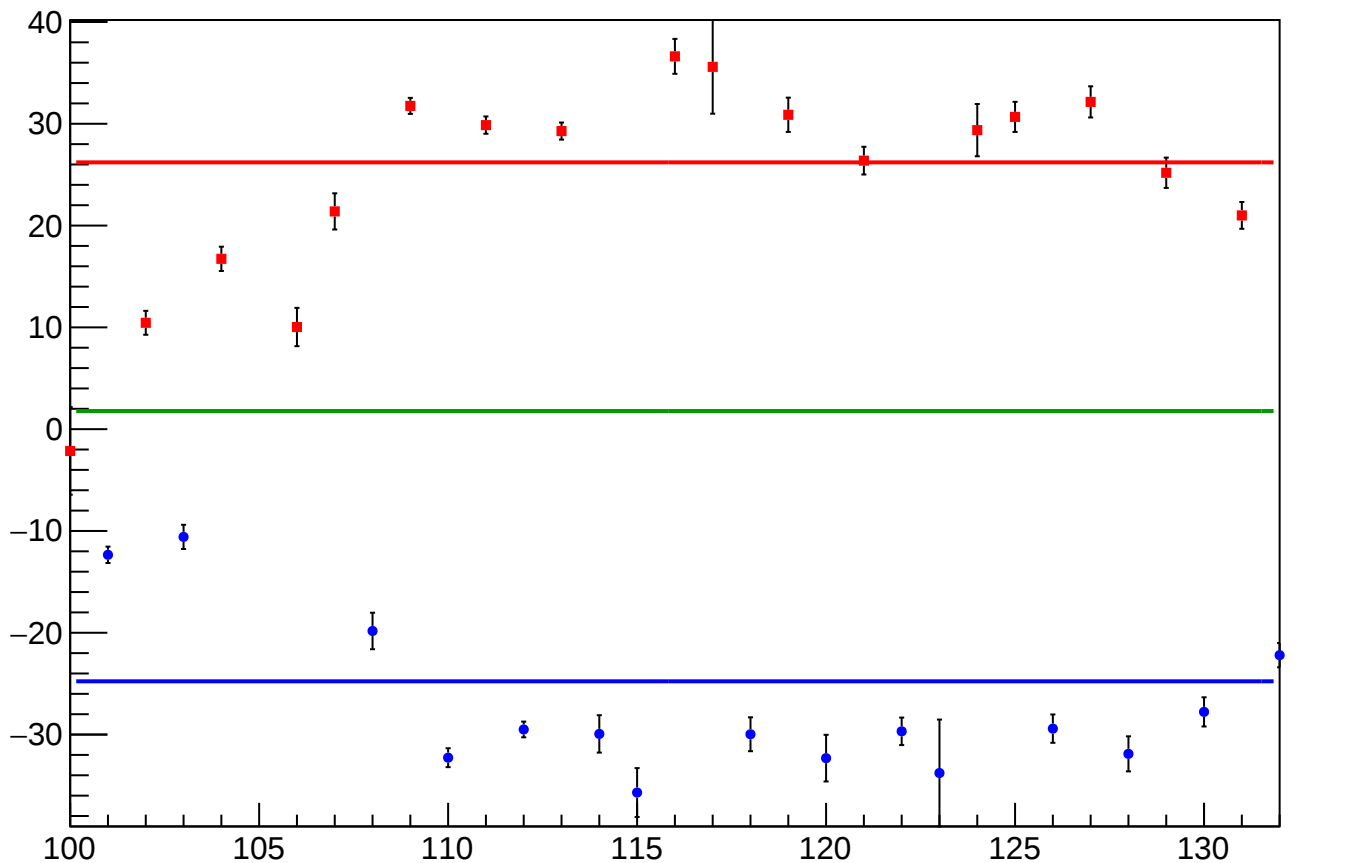
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.692 $\pm$ 0.187 χ^2 /NDF: 267.8/14

0.104 $\pm$ 0.134 χ^2 /NDF: 546.2/31

-0.506 $\pm$ 0.191 χ^2 /NDF: 258.3/16

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.769 ± 0.332 χ^2/NDF : 595.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 26.209 ± 0.319 χ^2/NDF : 539.7/16

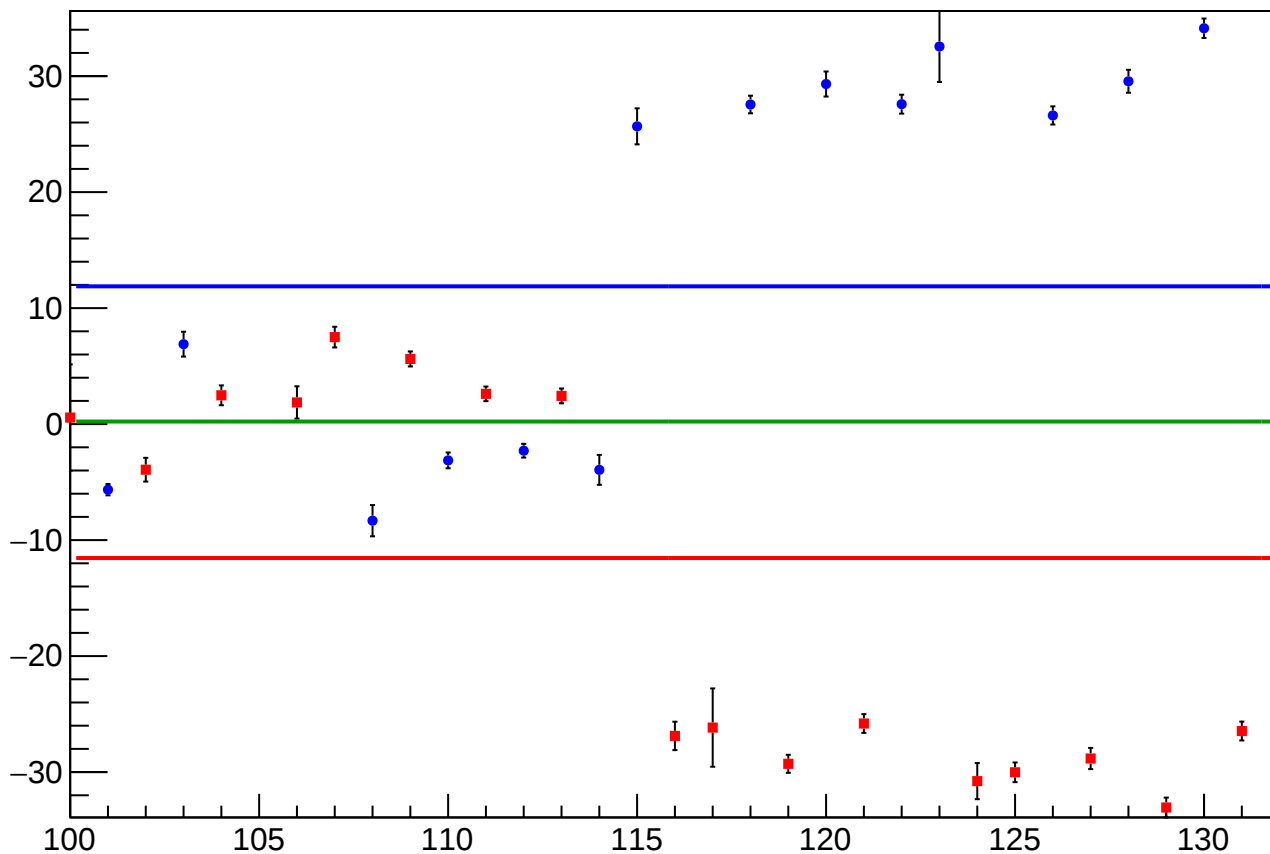
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-24.769 ± 0.332 χ^2/NDF : 595.0/14

1.780 ± 0.230 χ^2/NDF : 13388.4/31

26.209 ± 0.319 χ^2/NDF : 539.7/16

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.878+/-0.216 χ^2 /NDF: 5677.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -11.547+/-0.217 χ^2 /NDF: 5526.5/16

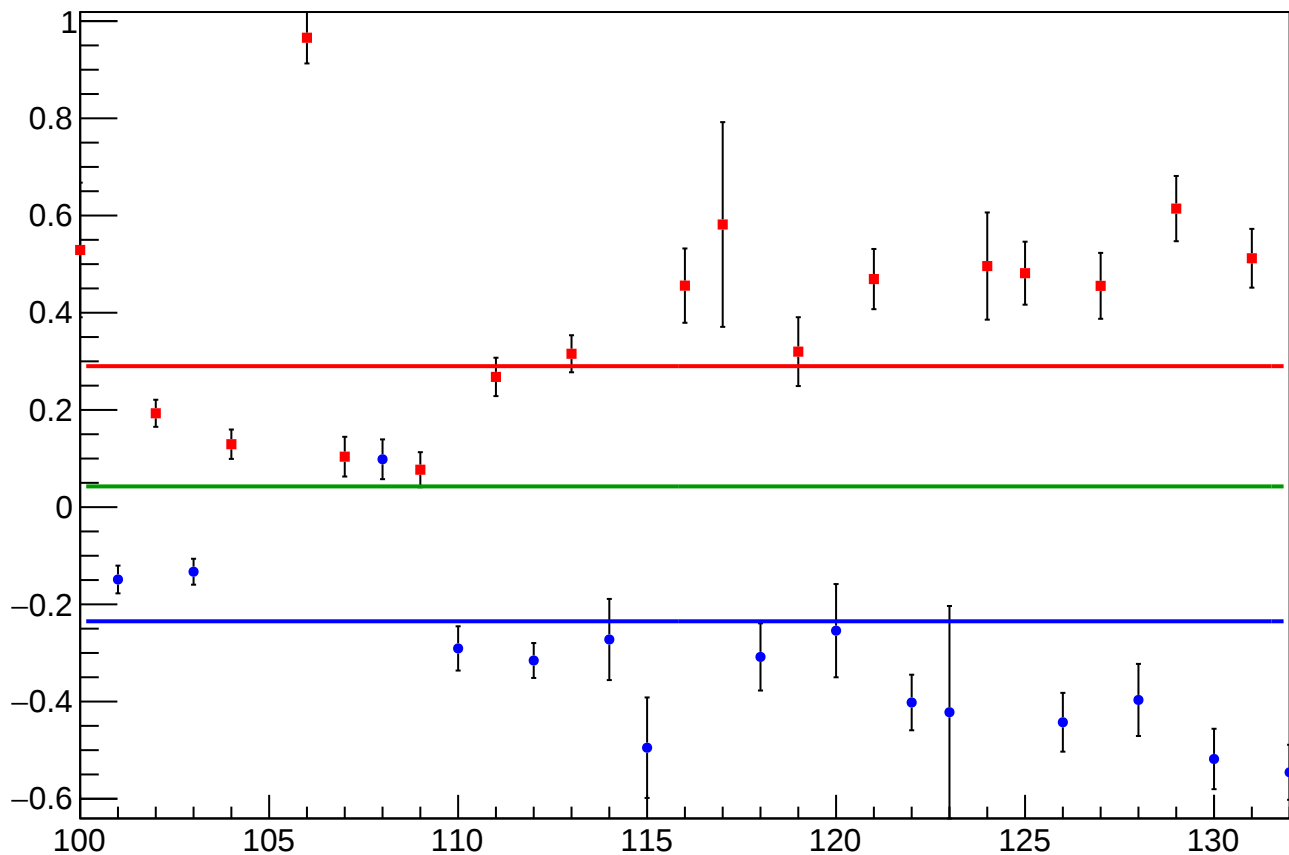
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

11.878+/-0.216 χ^2 /NDF: 5677.8/14

0.222+/-0.153 χ^2 /NDF: 17080.2/31

-11.547+/-0.217 χ^2 /NDF: 5526.5/16

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235+/-0.013 χ^2 /NDF: 181.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.290+/-0.012 χ^2 /NDF: 333.1/16

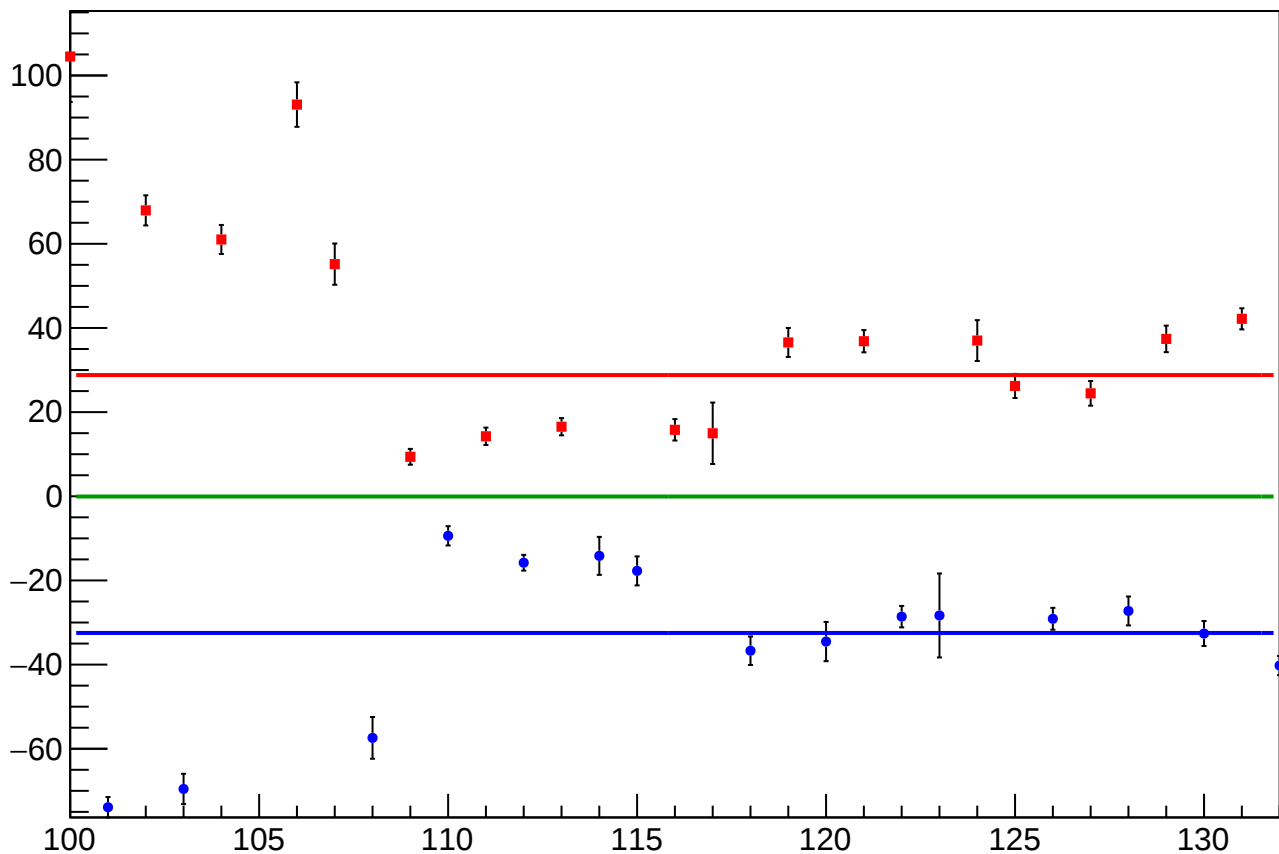
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.235+/-0.013 χ^2 /NDF: 181.0/14

0.043+/-0.009 χ^2 /NDF: 1446.2/31

0.290+/-0.012 χ^2 /NDF: 333.1/16

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.480 ± 0.760 χ^2/NDF : 657.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 28.810 ± 0.717 χ^2/NDF : 710.8/16

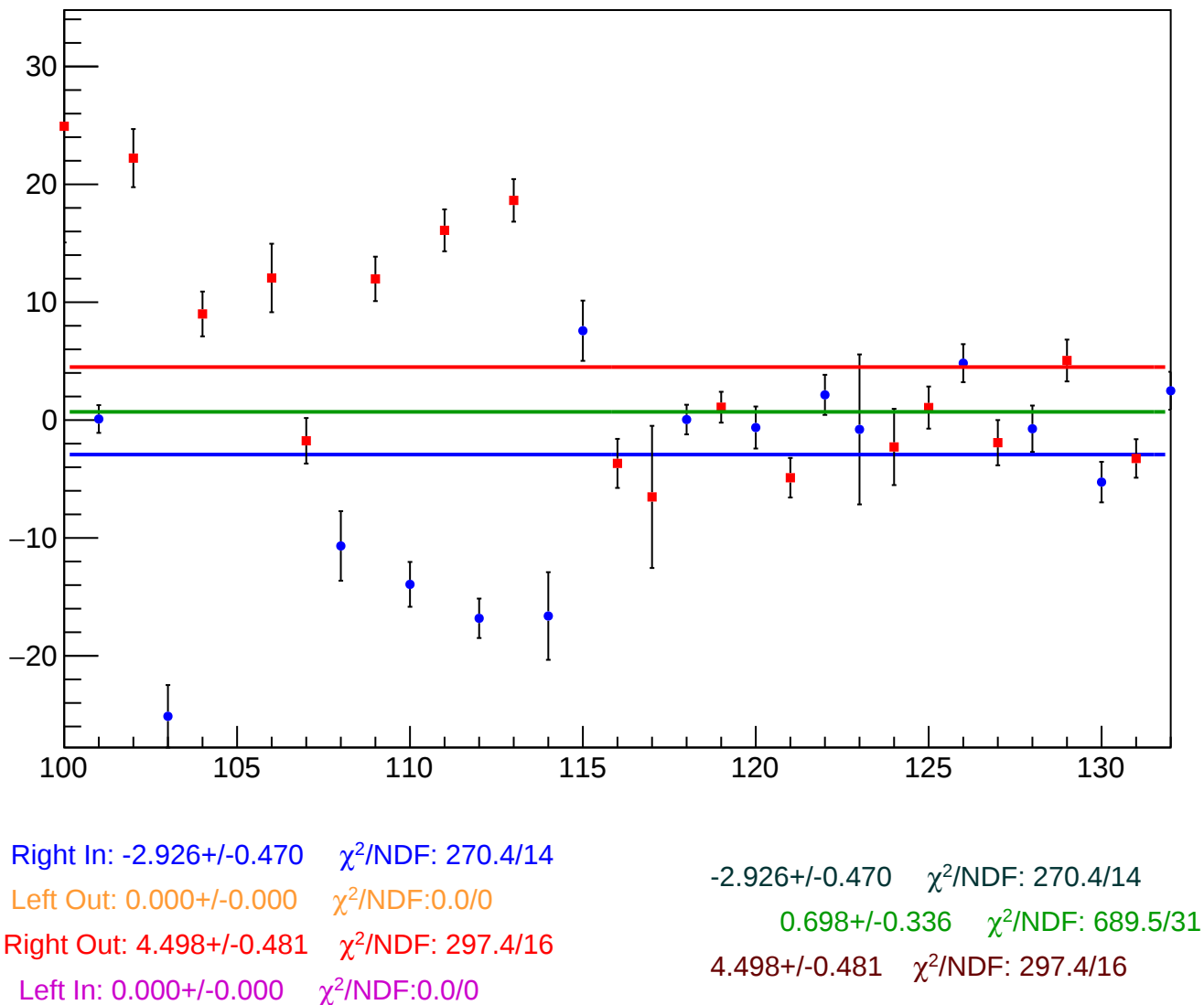
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.480 ± 0.760 χ^2/NDF : 657.7/14

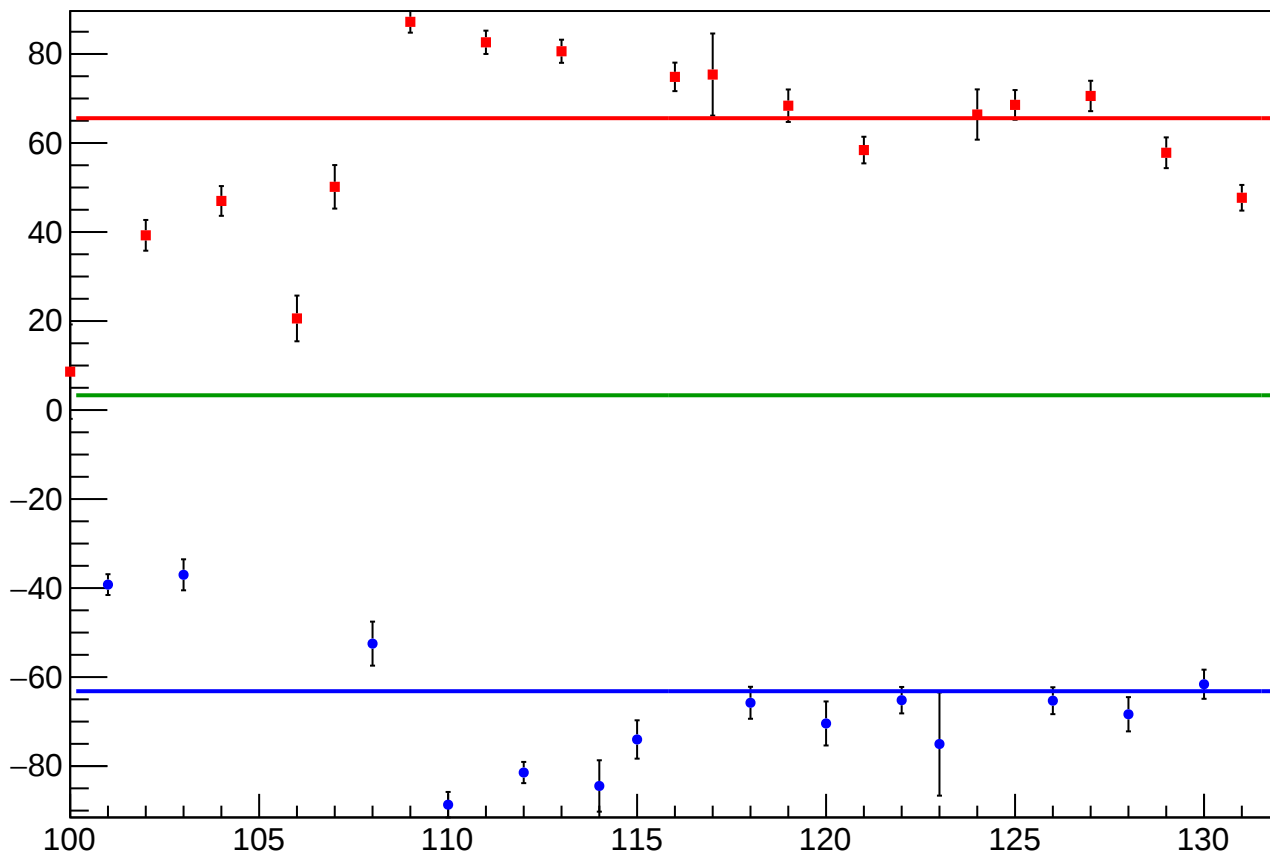
-0.055 ± 0.521 χ^2/NDF : 4810.3/31

28.810 ± 0.717 χ^2/NDF : 710.8/16

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.170+/-0.864 χ^2/NDF : 353.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.574+/-0.836 χ^2/NDF : 422.0/16

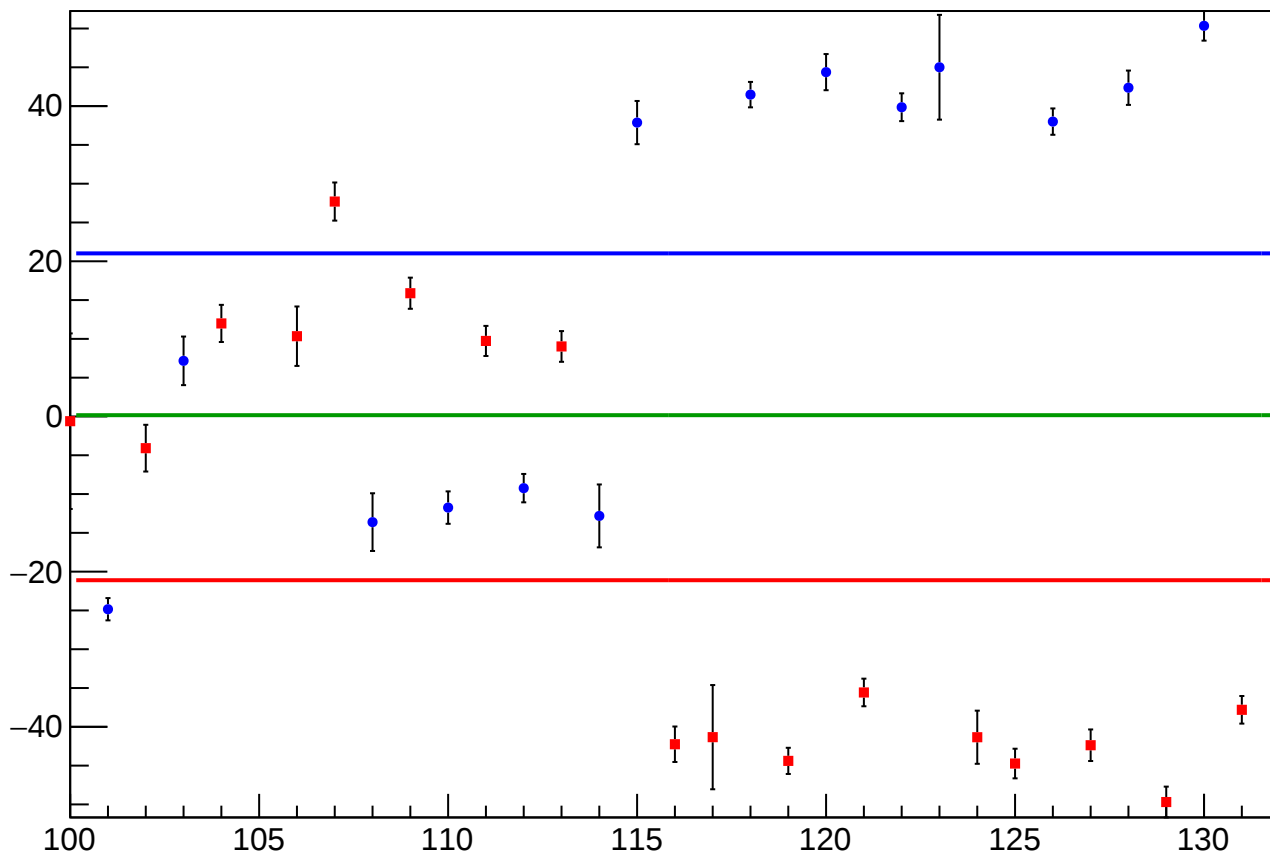
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-63.170+/-0.864 χ^2/NDF : 353.8/14

3.317+/-0.600 χ^2/NDF : 12255.7/31

65.574+/-0.836 χ^2/NDF : 422.0/16

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.018+/-0.541 χ^2 /NDF: 2670.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -21.105+/-0.547 χ^2 /NDF: 2456.3/16

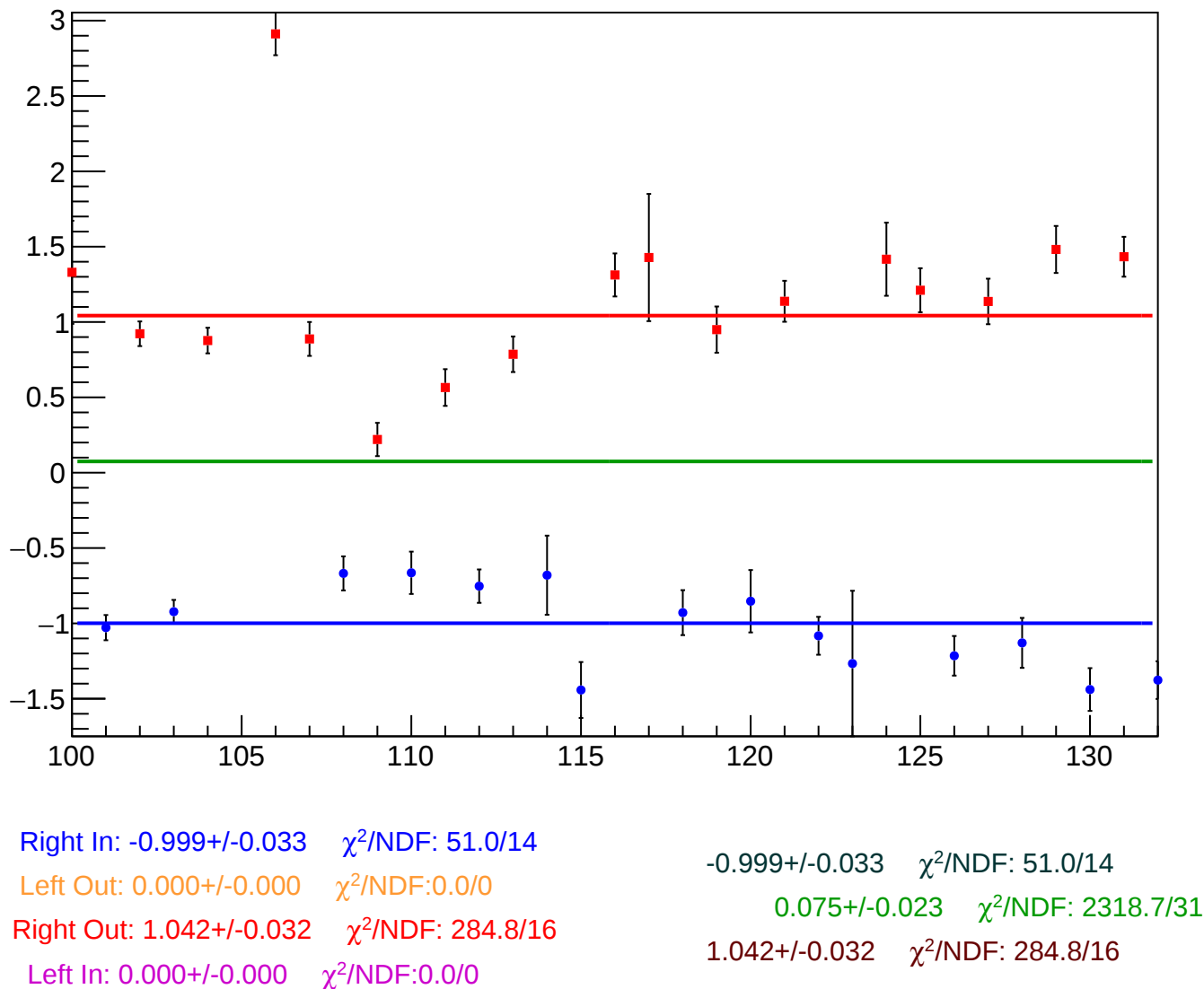
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

21.018+/-0.541 χ^2 /NDF: 2670.9/14

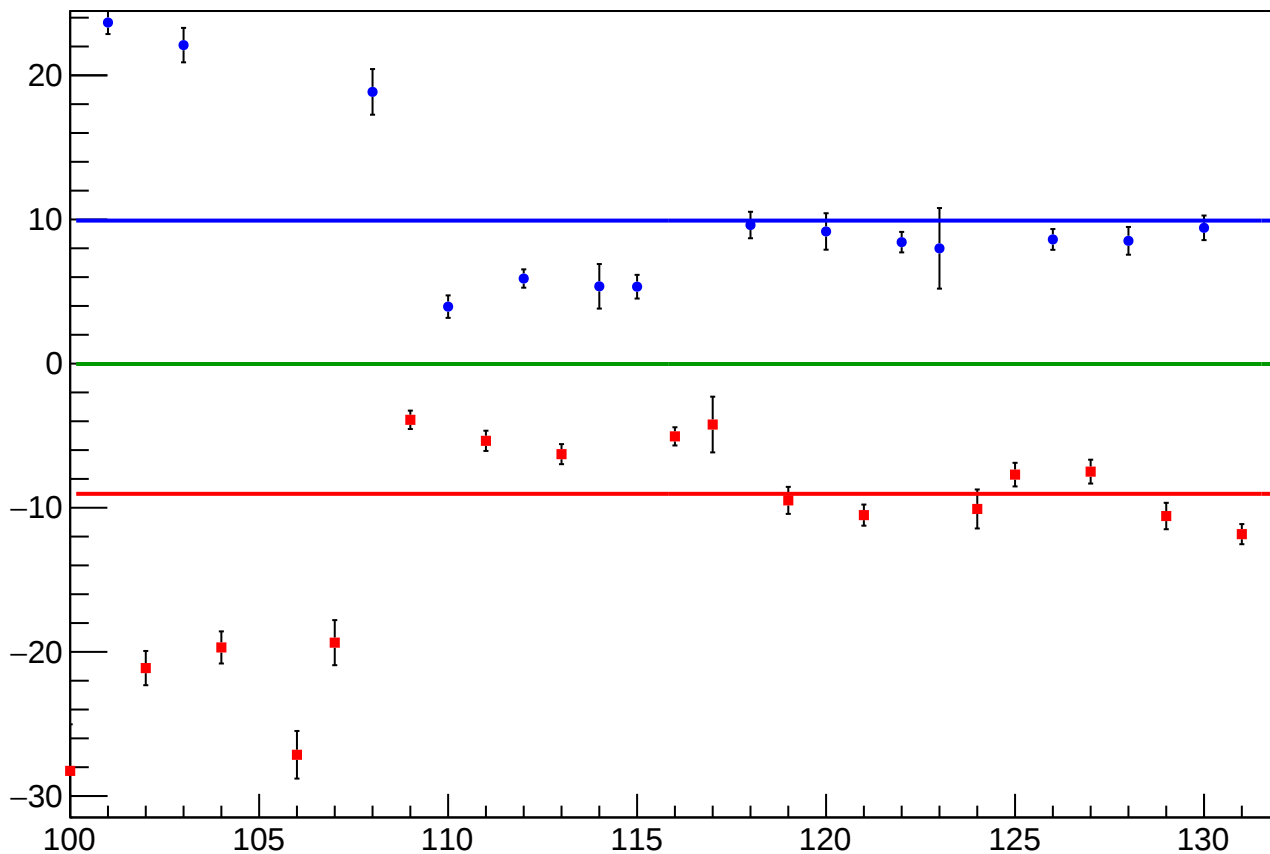
0.165+/-0.385 χ^2 /NDF: 8126.0/31

-21.105+/-0.547 χ^2 /NDF: 2456.3/16

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.922 $\pm$ 0.227 χ^2 /NDF: 586.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.034 $\pm$ 0.216 χ^2 /NDF: 577.8/16

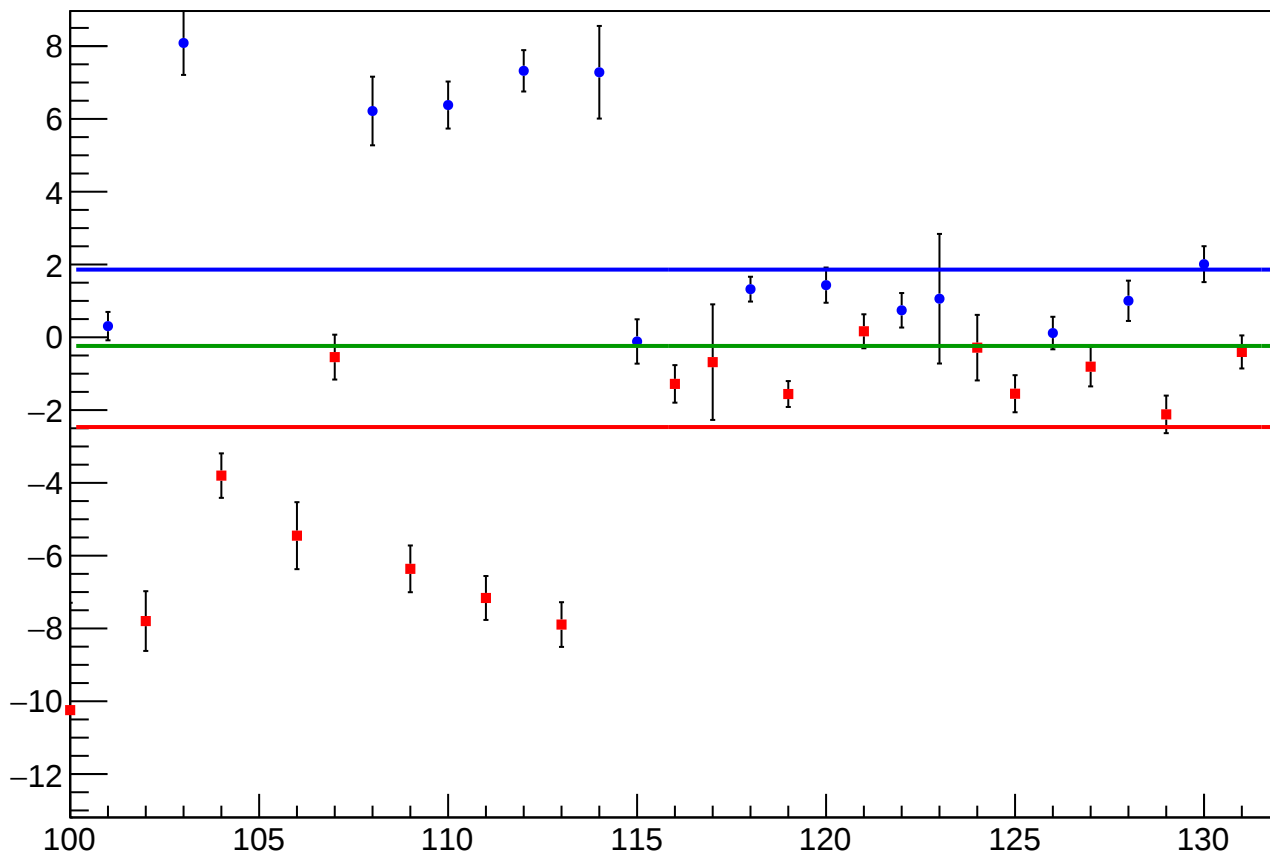
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.922 $\pm$ 0.227 χ^2 /NDF: 586.0/14

-0.027 $\pm$ 0.156 χ^2 /NDF: 4827.2/31

-9.034 $\pm$ 0.216 χ^2 /NDF: 577.8/16

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.860 $\pm$ 0.138 χ^2 /NDF: 291.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.466 $\pm$ 0.142 χ^2 /NDF: 334.0/16

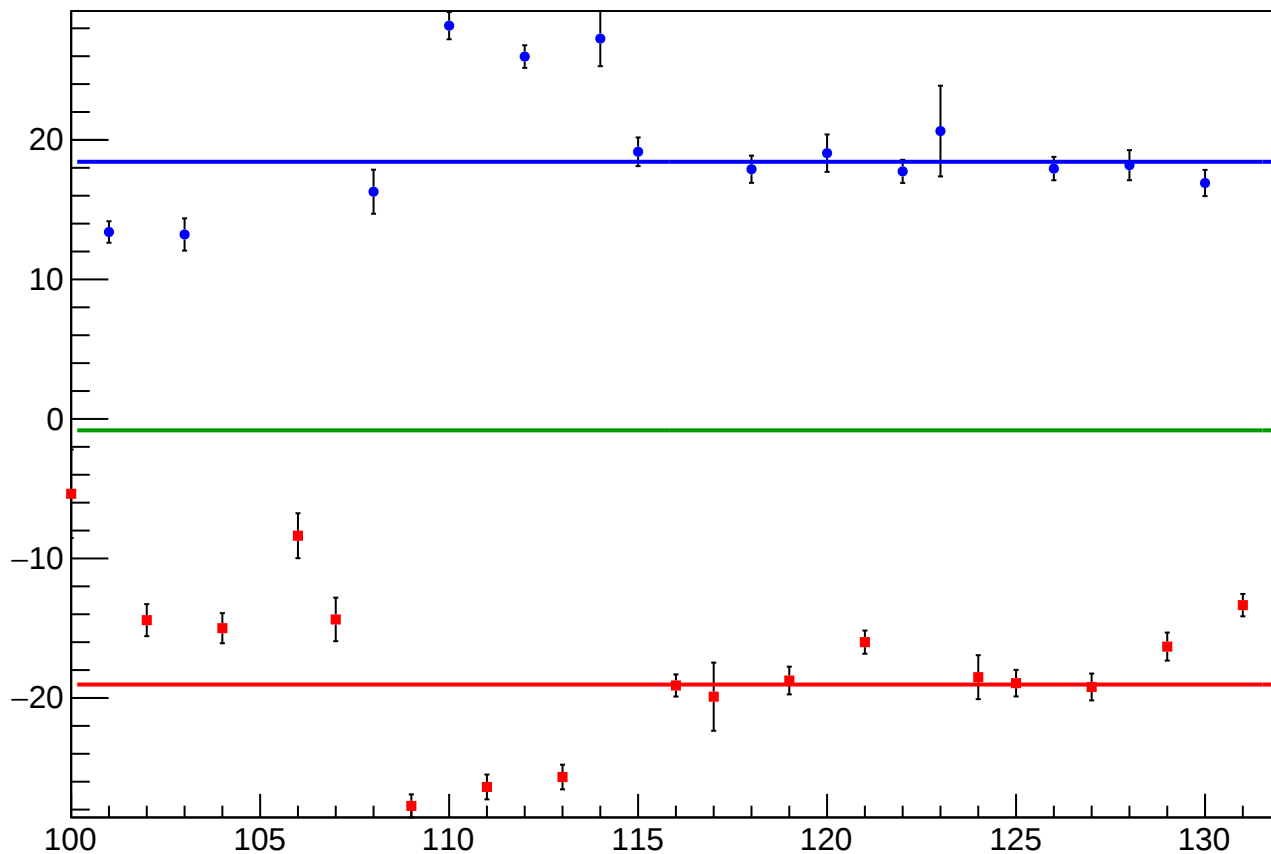
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.860 $\pm$ 0.138 χ^2 /NDF: 291.5/14

-0.238 $\pm$ 0.099 χ^2 /NDF: 1104.0/31

-2.466 $\pm$ 0.142 χ^2 /NDF: 334.0/16

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.432 $\pm$ 0.258 χ^2 /NDF: 311.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.037 $\pm$ 0.251 χ^2 /NDF: 408.2/16

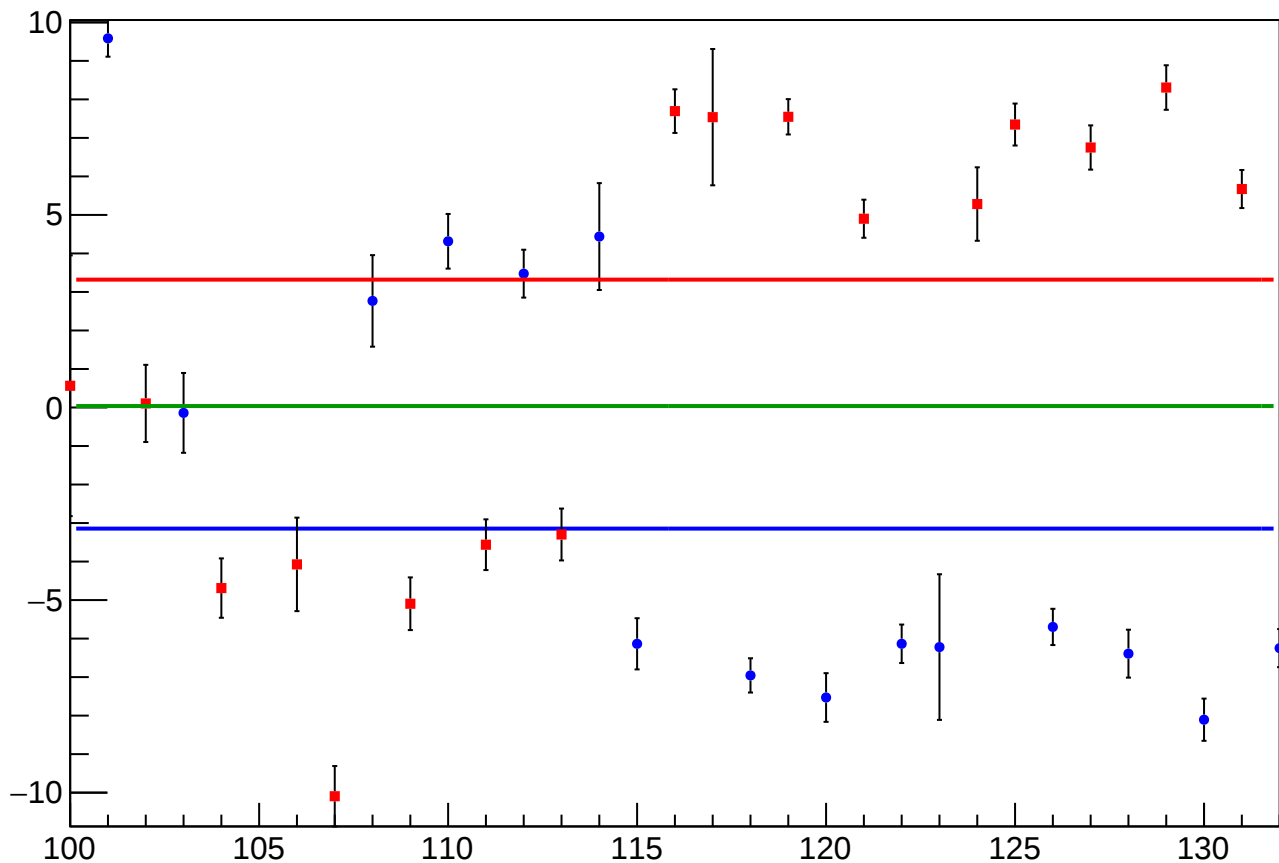
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

18.432 $\pm$ 0.258 χ^2 /NDF: 311.0/14

-0.818 $\pm$ 0.180 χ^2 /NDF: 11554.2/31

-19.037 $\pm$ 0.251 χ^2 /NDF: 408.2/16

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.144 ± 0.159 χ^2/NDF : 1360.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.320 ± 0.161 χ^2/NDF : 1157.5/16

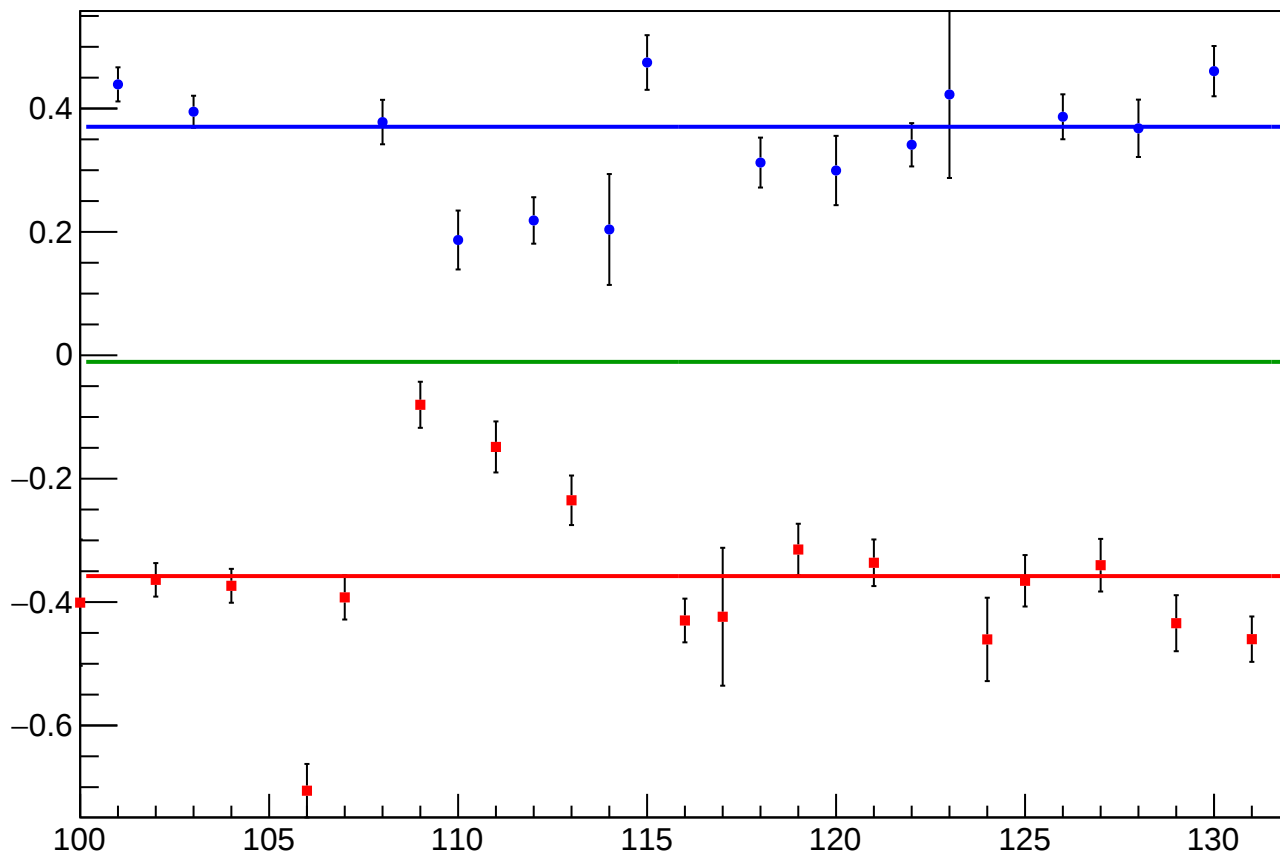
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.144 ± 0.159 χ^2/NDF : 1360.0/14

0.038 ± 0.113 χ^2/NDF : 3335.8/31

3.320 ± 0.161 χ^2/NDF : 1157.5/16

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.370 $\pm$ 0.010 χ^2 /NDF: 58.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.358 $\pm$ 0.010 χ^2 /NDF: 175.0/16

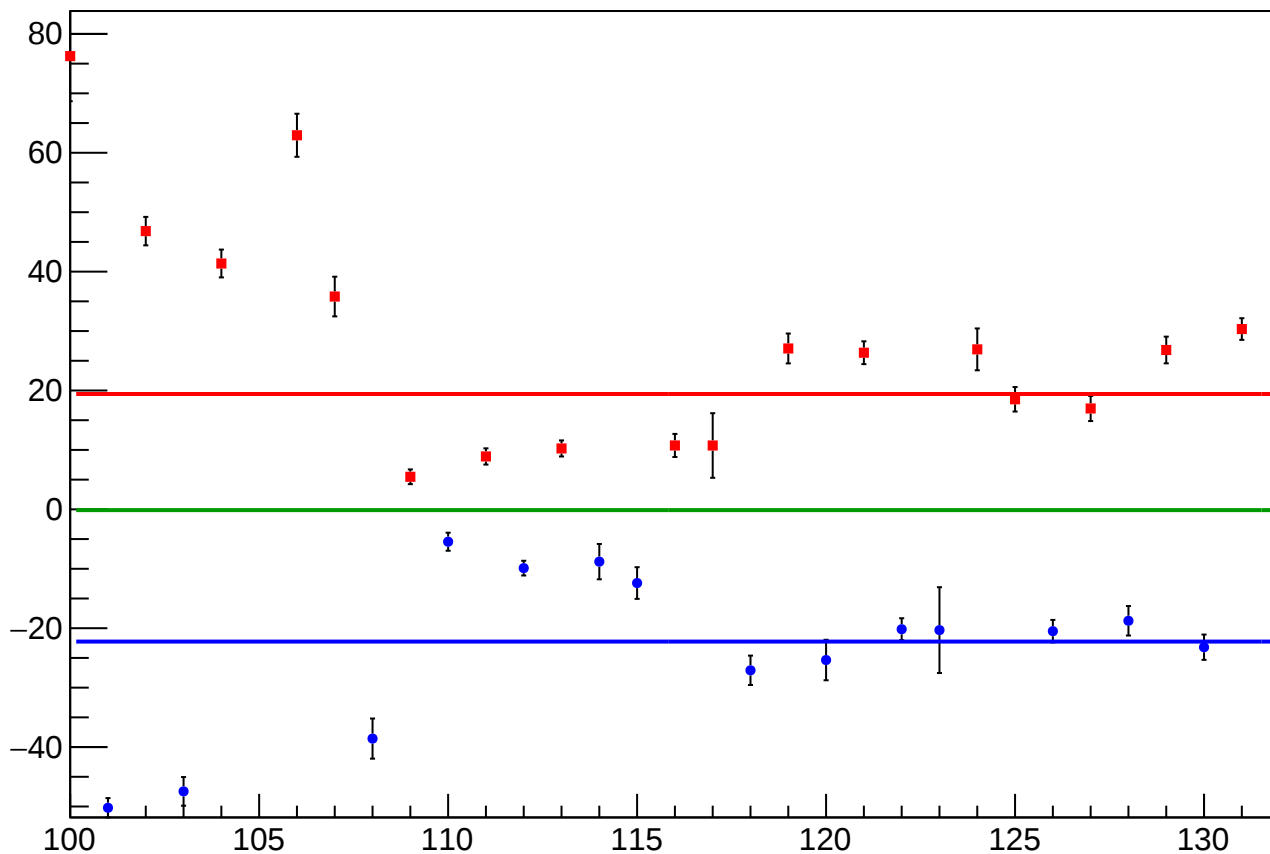
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.370 $\pm$ 0.010 χ^2 /NDF: 58.4/14

-0.011 $\pm$ 0.007 χ^2 /NDF: 2945.3/31

-0.358 $\pm$ 0.010 χ^2 /NDF: 175.0/16

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -22.248 $\pm$ 0.529 χ^2 /NDF: 708.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.409 $\pm$ 0.497 χ^2 /NDF: 772.6/16

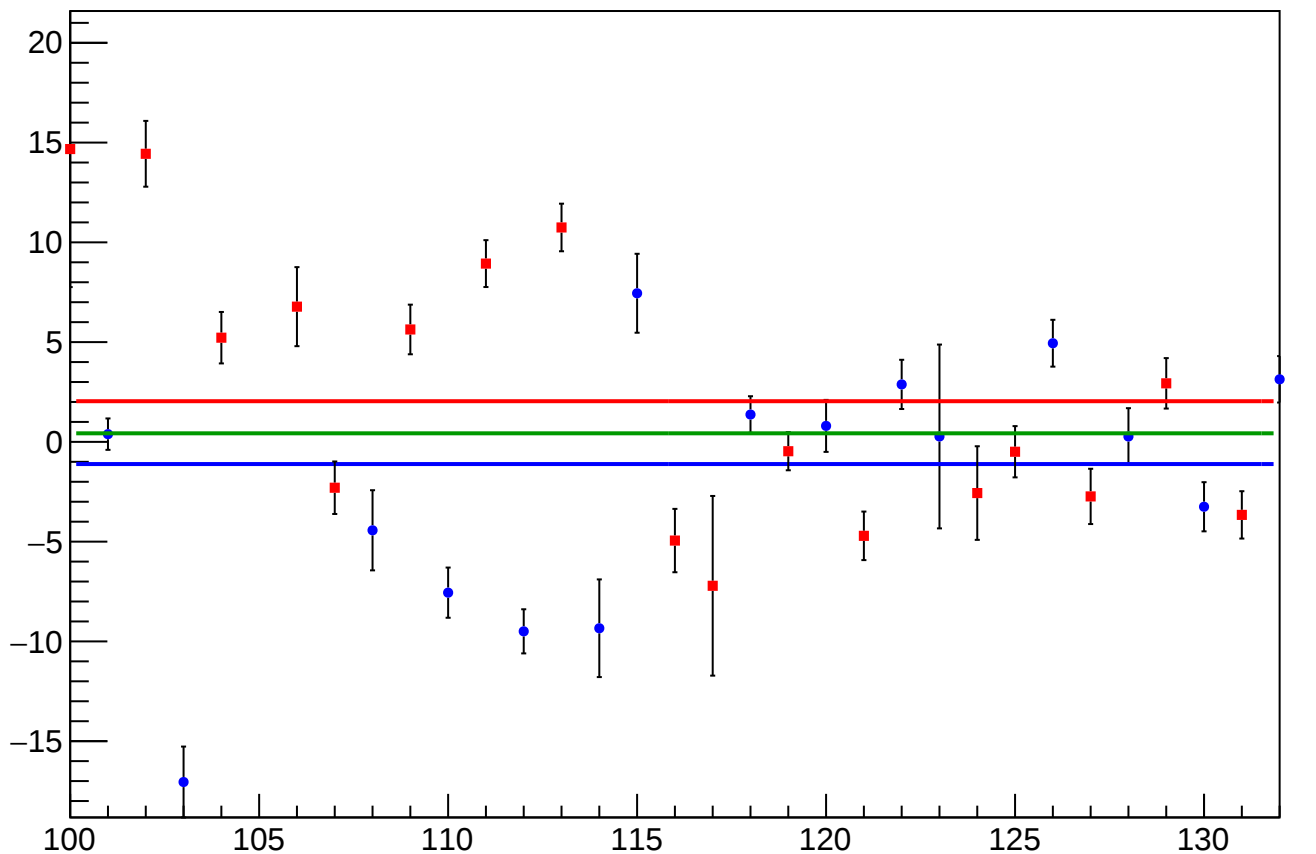
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-22.248 $\pm$ 0.529 χ^2 /NDF: 708.9/14

-0.131 $\pm$ 0.362 χ^2 /NDF: 4770.6/31

19.409 $\pm$ 0.497 χ^2 /NDF: 772.6/16

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.112 ± 0.331 χ^2/NDF : 264.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.038 ± 0.338 χ^2/NDF : 283.1/16

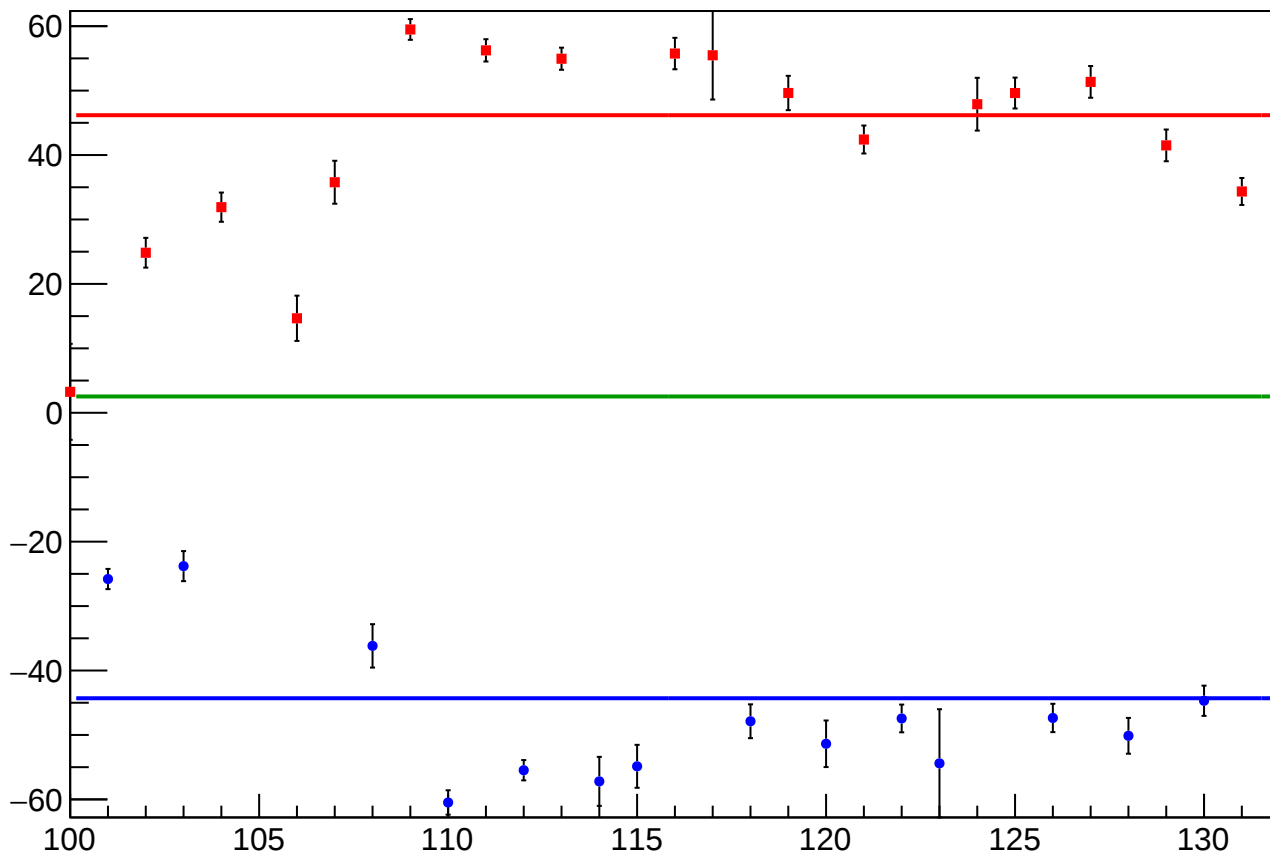
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.112 ± 0.331 χ^2/NDF : 264.6/14

0.429 ± 0.236 χ^2/NDF : 592.1/31

2.038 ± 0.338 χ^2/NDF : 283.1/16

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.303 $\pm$ 0.602 χ^2 /NDF: 399.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.183 $\pm$ 0.581 χ^2 /NDF: 440.9/16

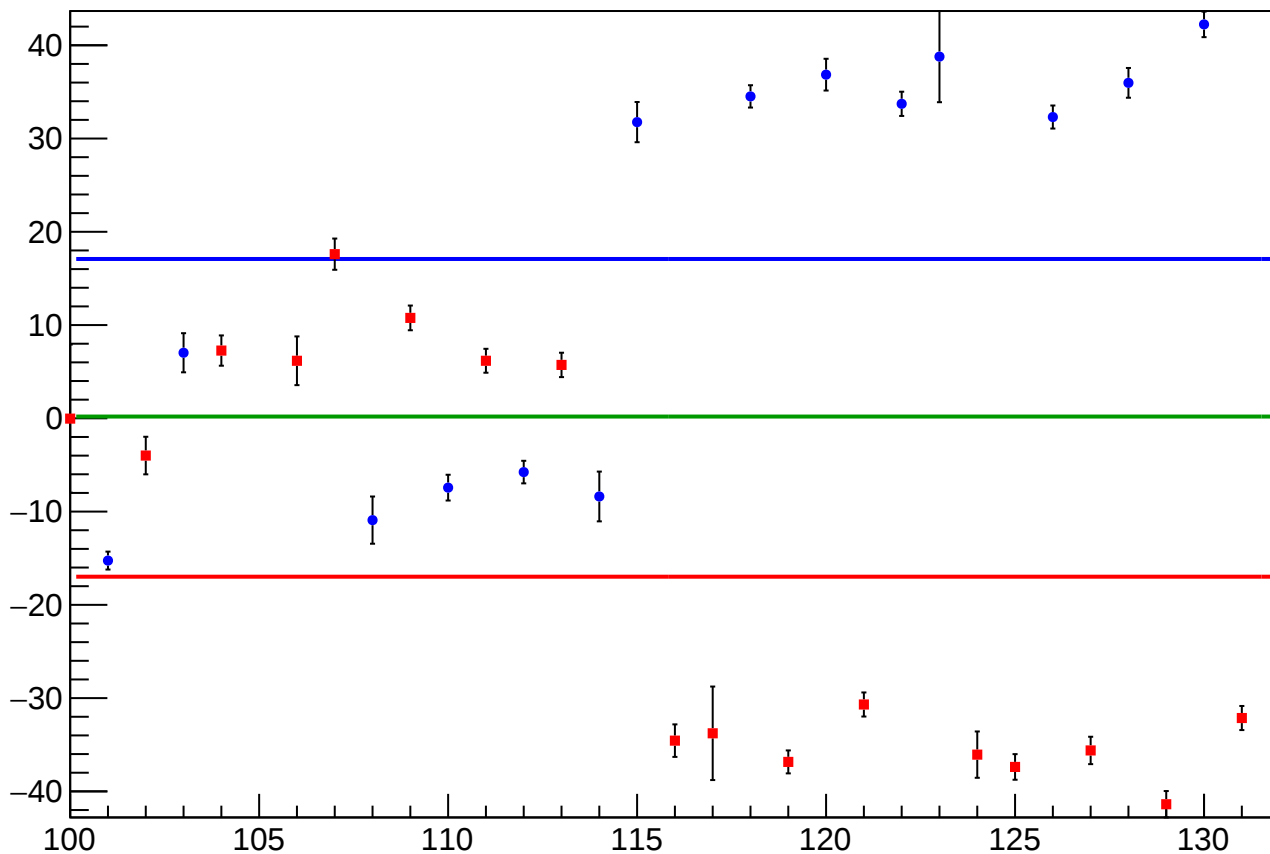
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.303 $\pm$ 0.602 χ^2 /NDF: 399.9/14

2.532 $\pm$ 0.418 χ^2 /NDF: 12549.5/31

46.183 $\pm$ 0.581 χ^2 /NDF: 440.9/16

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.085+/-0.381 χ^2 /NDF: 3408.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.981+/-0.384 χ^2 /NDF: 3201.5/16

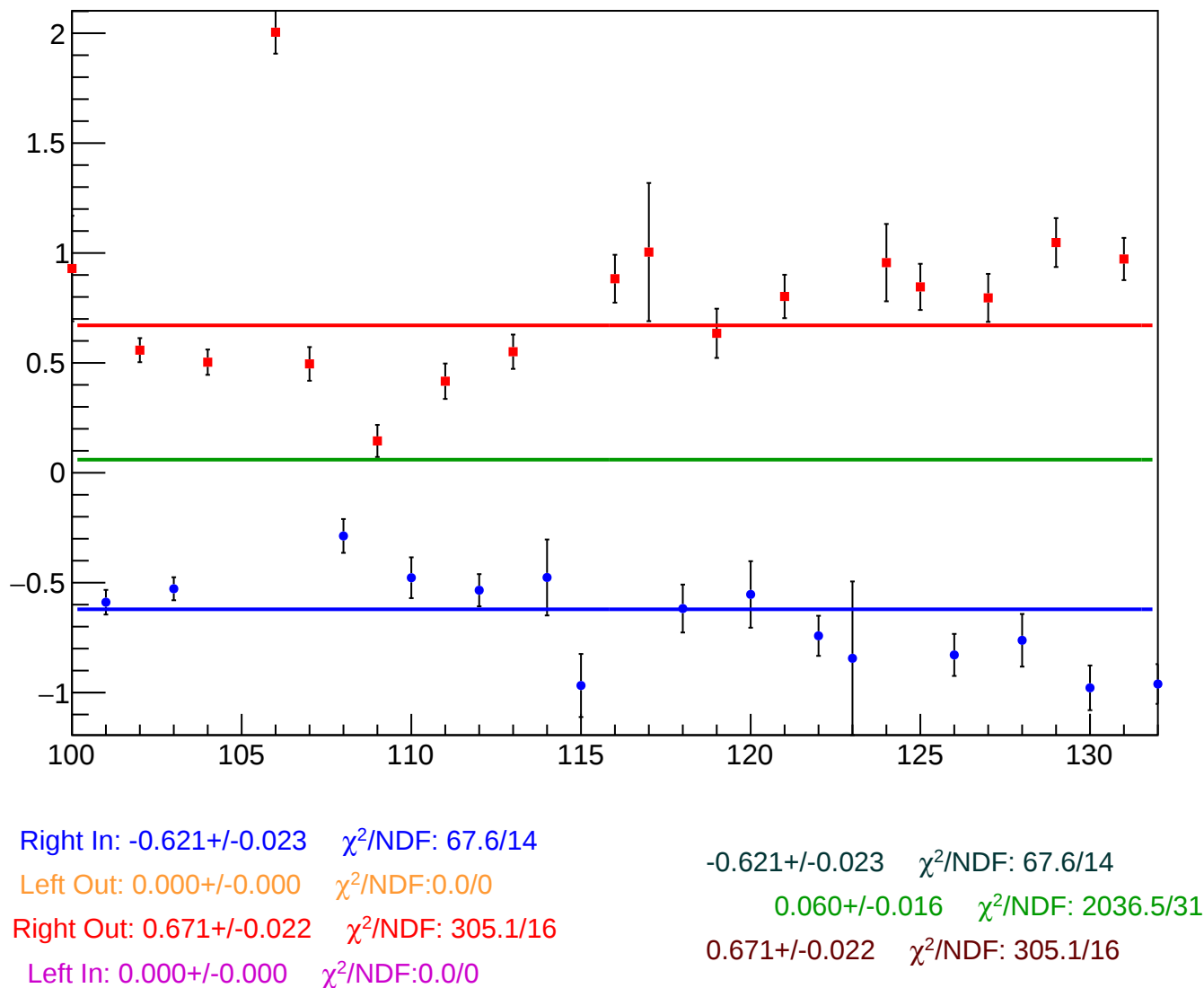
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.085+/-0.381 χ^2 /NDF: 3408.7/14

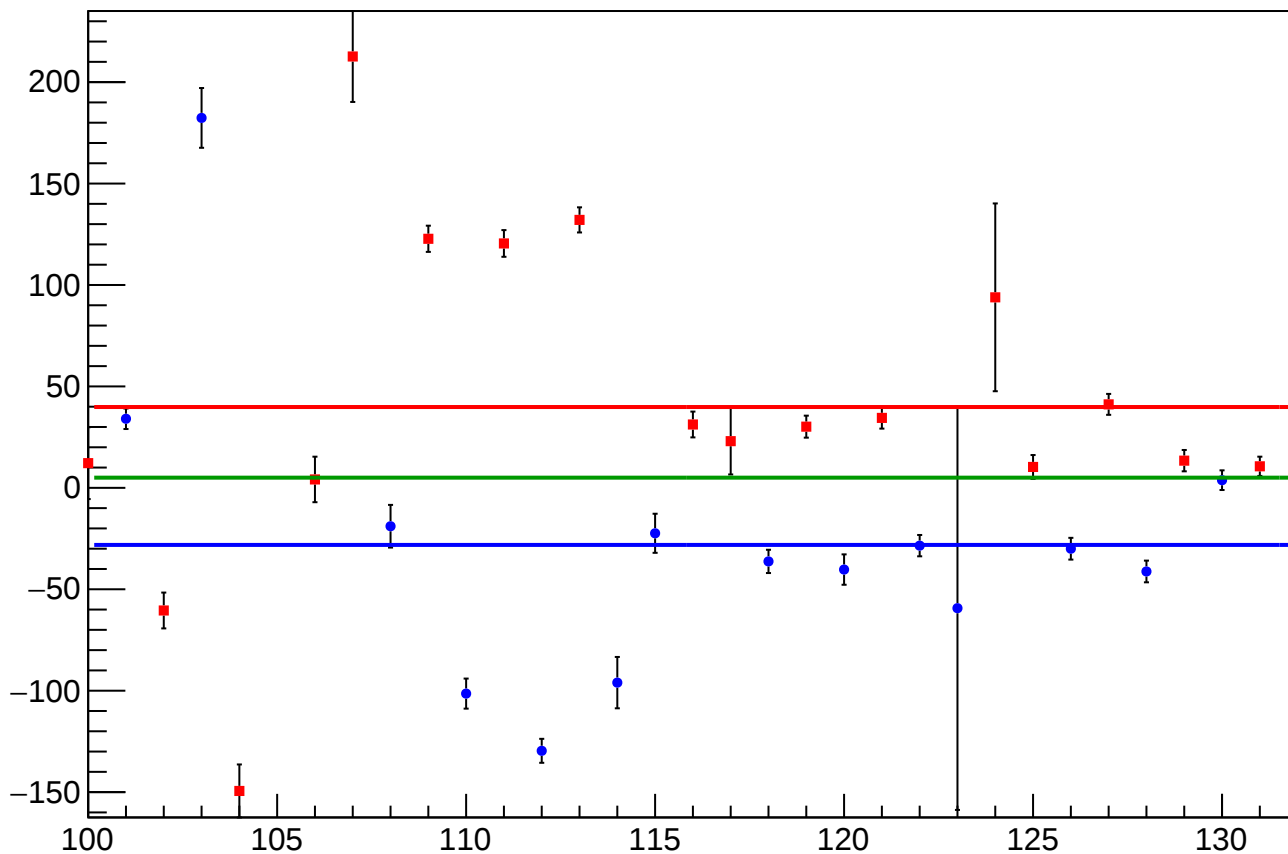
0.191+/-0.270 χ^2 /NDF: 10582.4/31

-16.981+/-0.384 χ^2 /NDF: 3201.5/16

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -28.136 ± 1.648 χ^2/NDF : 843.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 39.844 ± 1.688 χ^2/NDF : 1044.6/16

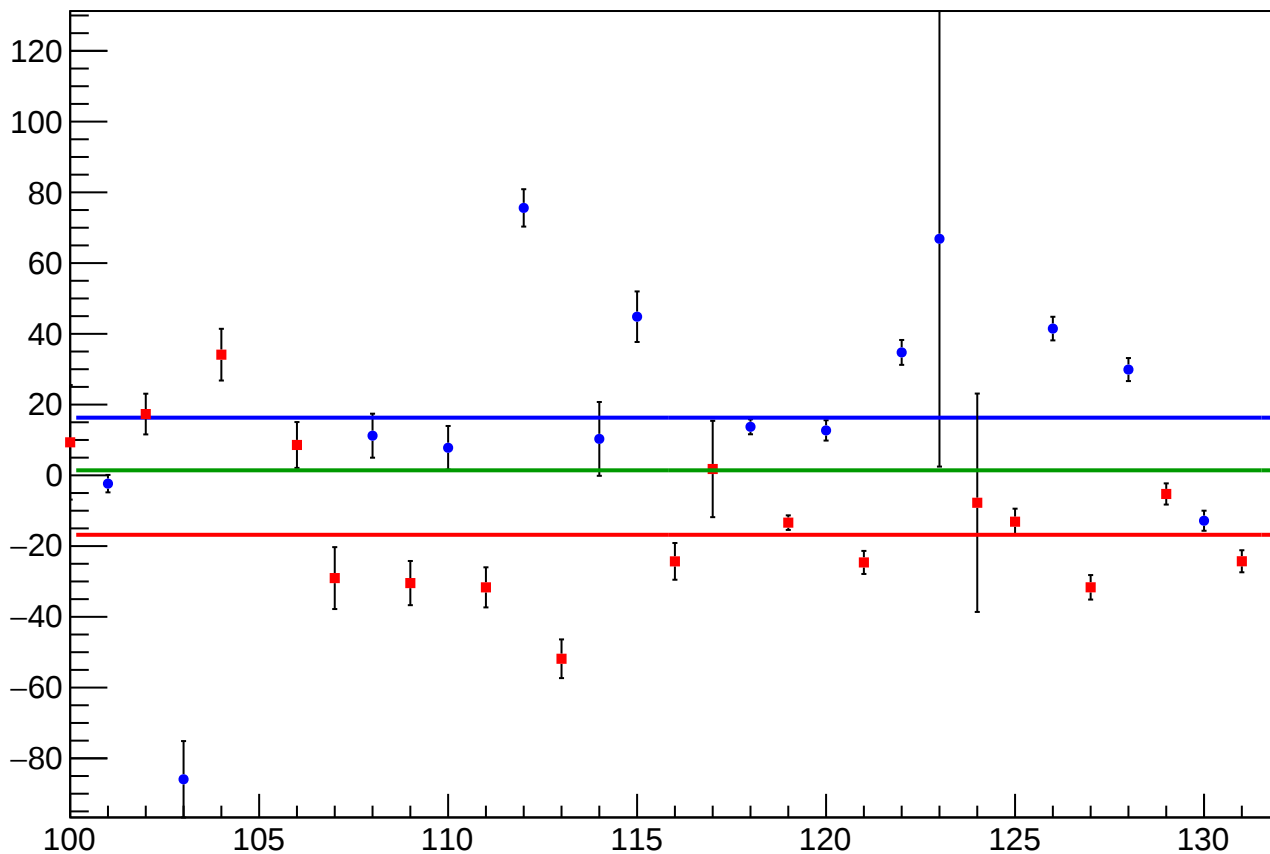
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.136 ± 1.648 χ^2/NDF : 843.3/14

5.024 ± 1.179 χ^2/NDF : 2718.2/31

39.844 ± 1.688 χ^2/NDF : 1044.6/16

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.305+/-0.940 χ^2 /NDF: 517.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -16.808+/-1.040 χ^2 /NDF: 208.9/16

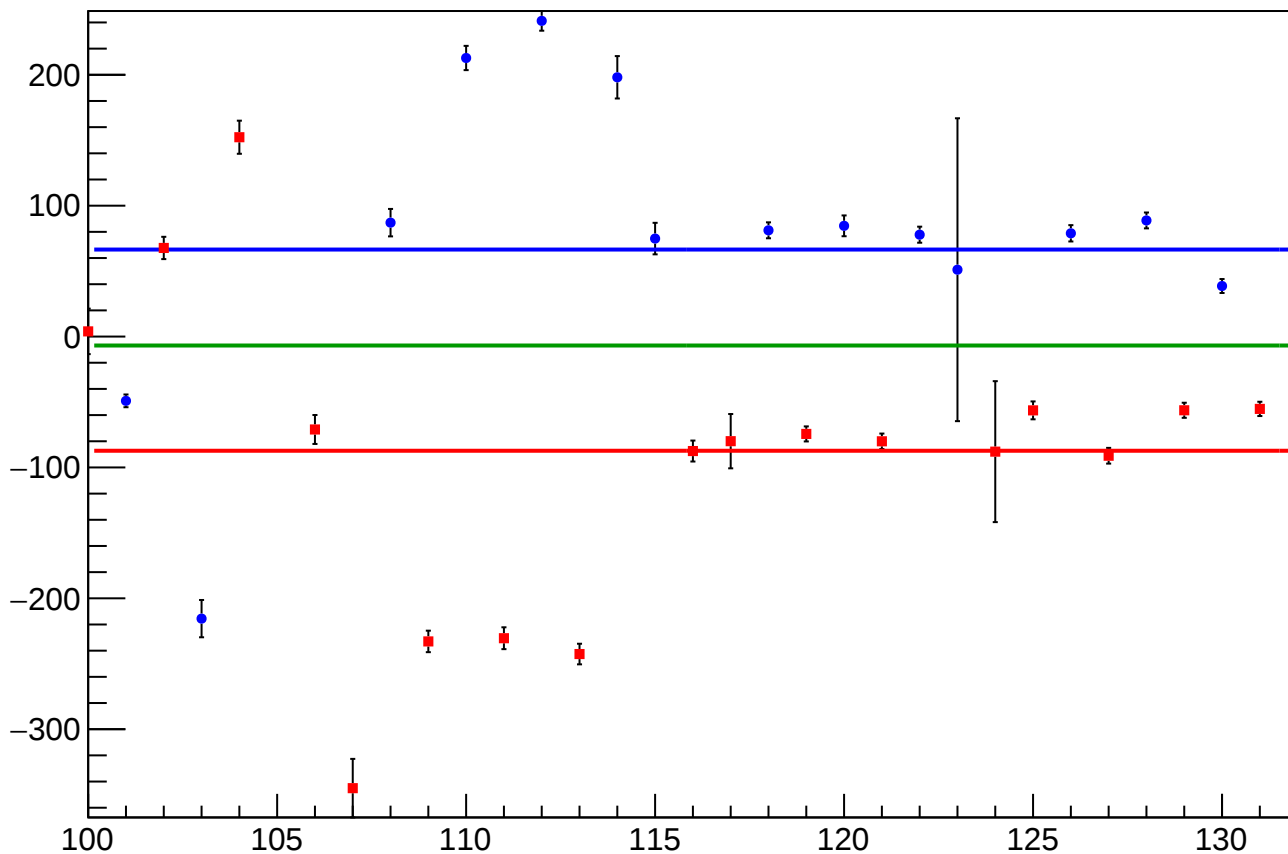
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.305+/-0.940 χ^2 /NDF: 517.6/14

1.419+/-0.697 χ^2 /NDF: 1284.6/31

-16.808+/-1.040 χ^2 /NDF: 208.9/16

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.484 $\pm$ 1.841 χ^2/NDF : 1875.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -87.249 $\pm$ 1.928 χ^2/NDF : 1941.3/16

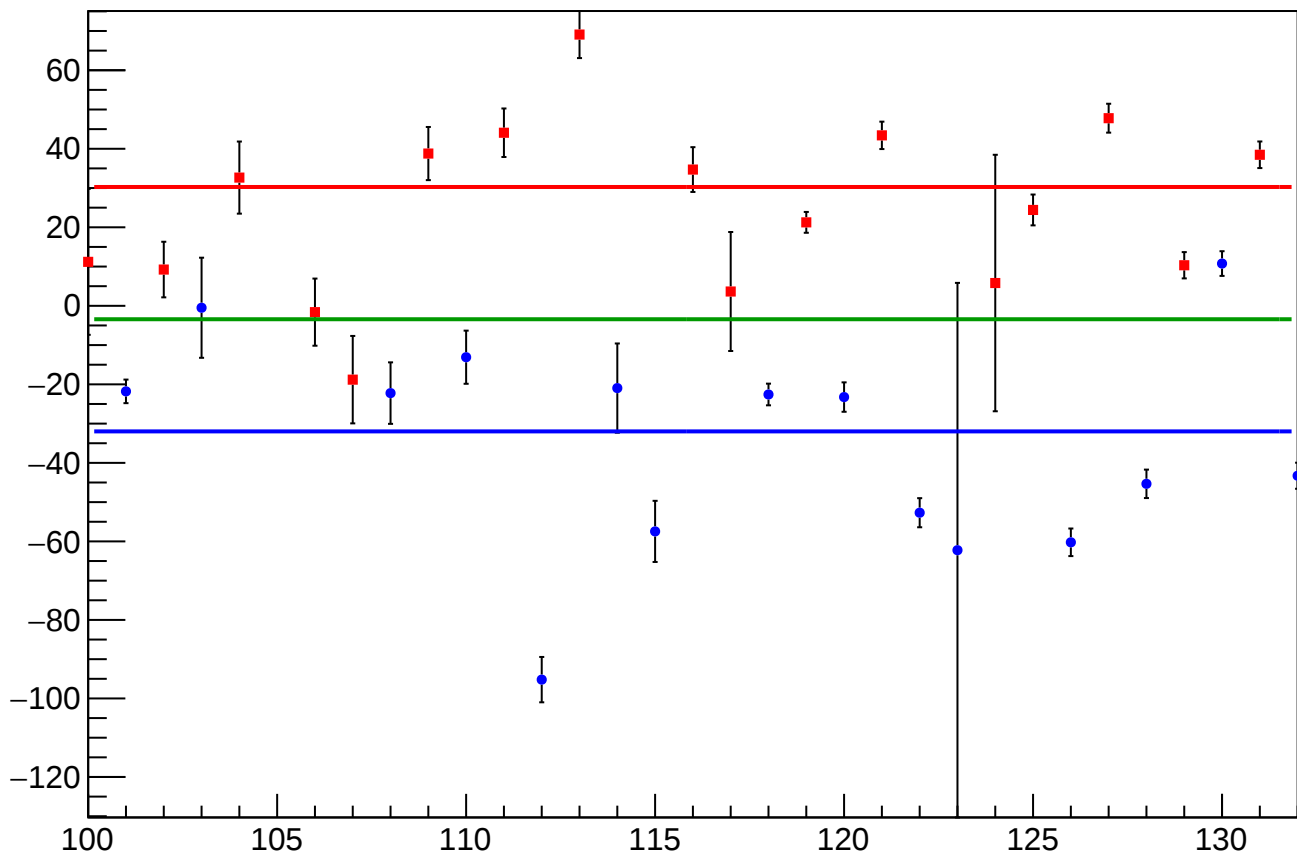
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

66.484 $\pm$ 1.841 χ^2/NDF : 1875.3/14

-6.839 $\pm$ 1.332 χ^2/NDF : 7140.8/31

-87.249 $\pm$ 1.928 χ^2/NDF : 1941.3/16

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.983 ± 1.095 χ^2/NDF : 481.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 30.267 ± 1.189 χ^2/NDF : 188.0/16

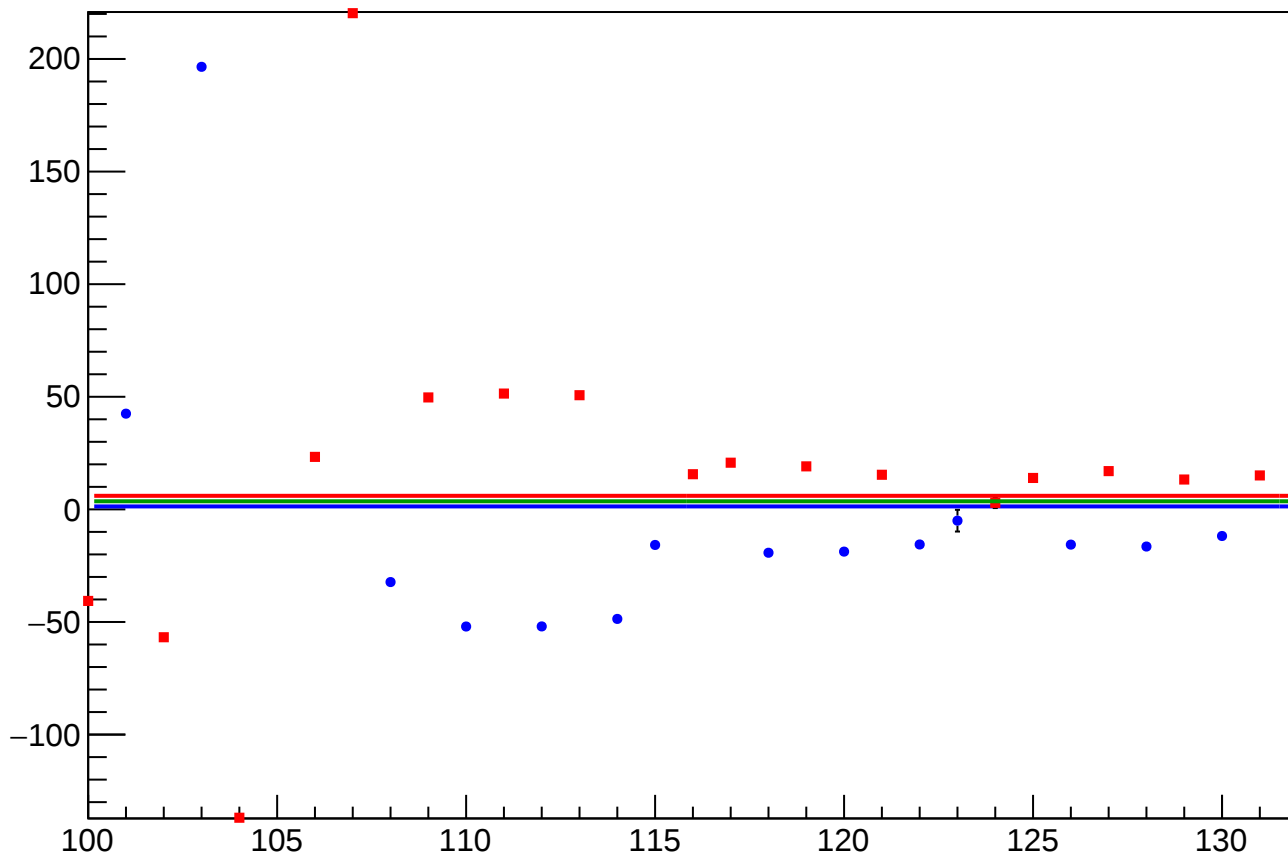
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-31.983 ± 1.095 χ^2/NDF : 481.6/14

-3.417 ± 0.805 χ^2/NDF : 2152.9/31

30.267 ± 1.189 χ^2/NDF : 188.0/16

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.313+/-0.074 χ^2/NDF : 523515.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.027+/-0.076 χ^2/NDF : 531063.1/16

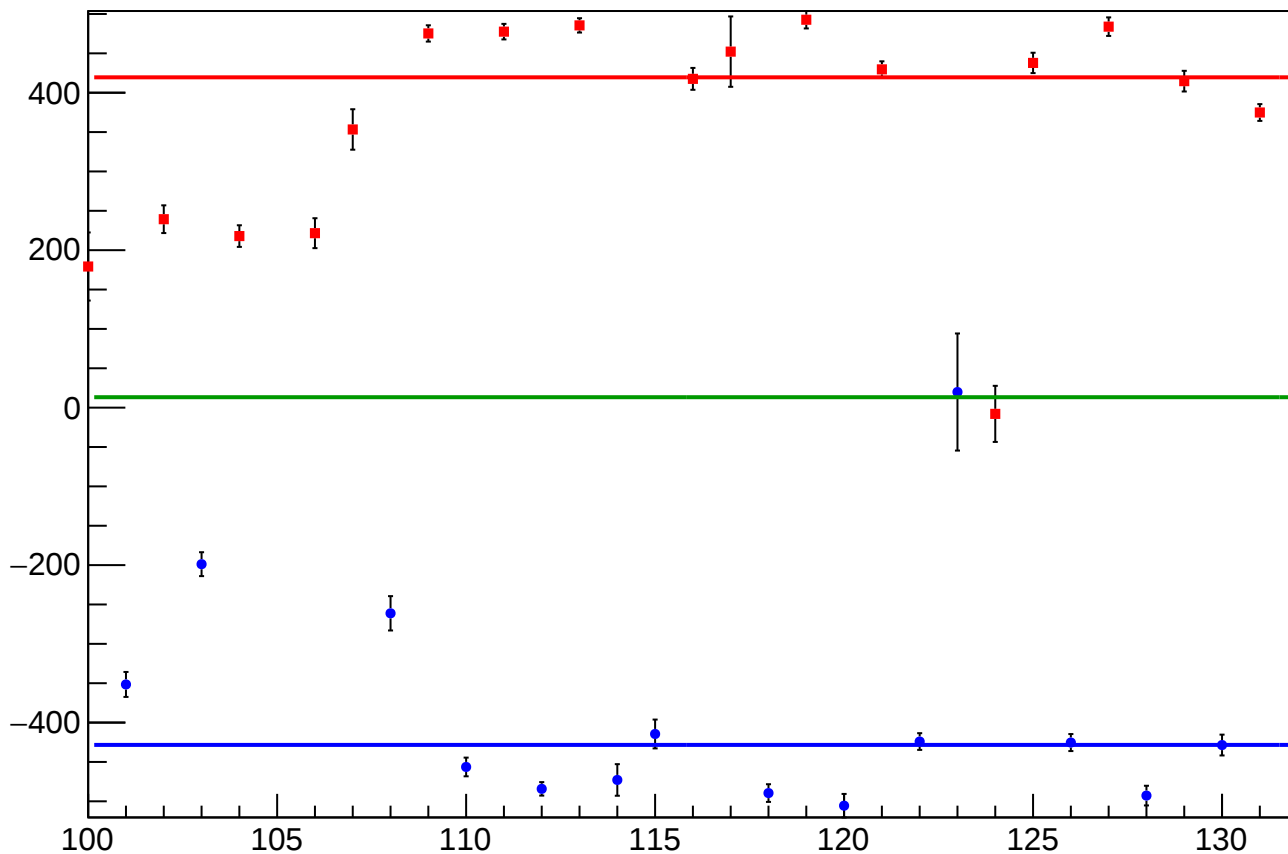
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.313+/-0.074 χ^2/NDF : 523515.7/14

3.597+/-0.053 χ^2/NDF : 1056550.4/31

6.027+/-0.076 χ^2/NDF : 531063.1/16

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -428.360 ± 3.347 $\chi^2/\text{NDF}: 505.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 419.539 ± 3.210 $\chi^2/\text{NDF}: 821.3/16$

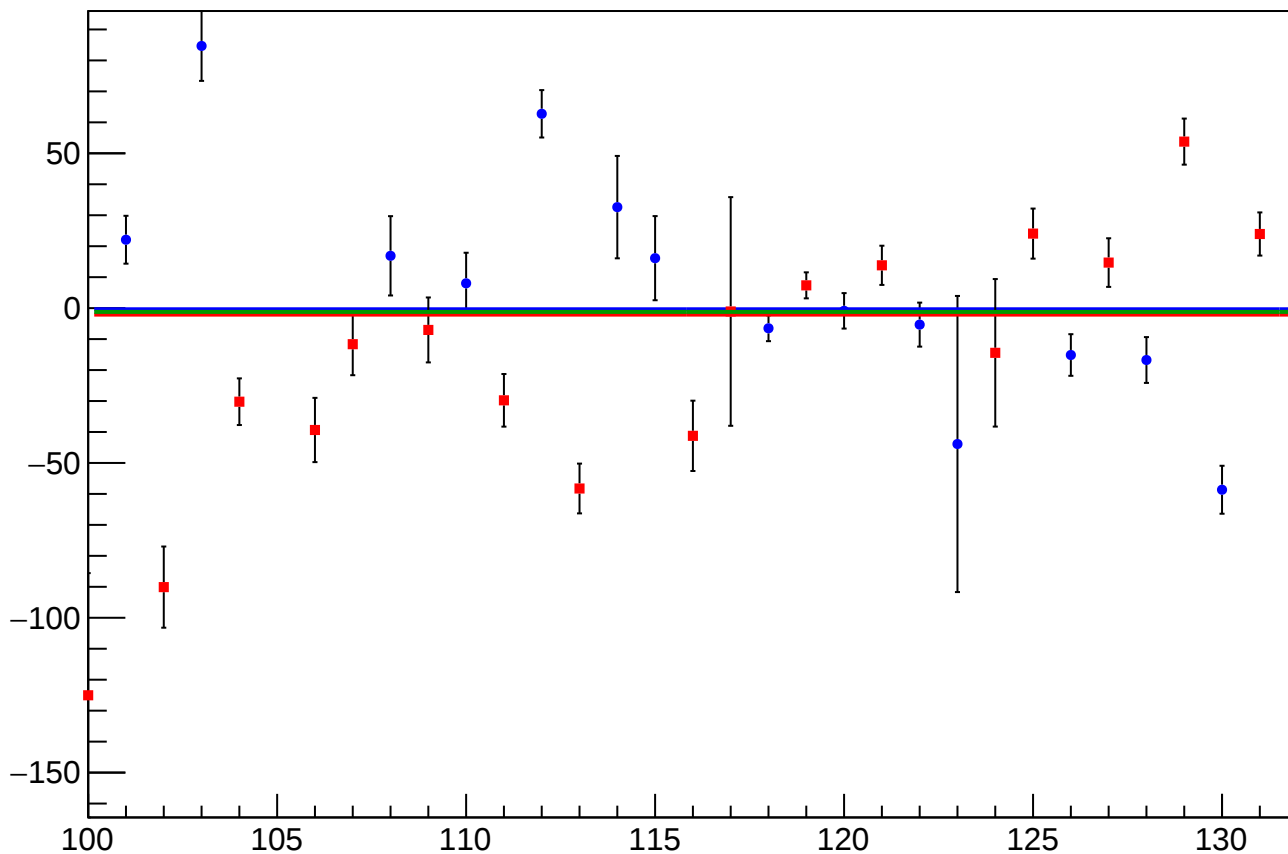
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-428.360 ± 3.347 $\chi^2/\text{NDF}: 505.8/14$

13.258 ± 2.317 $\chi^2/\text{NDF}: 34761.5/31$

419.539 ± 3.210 $\chi^2/\text{NDF}: 821.3/16$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.370 ± 1.987 χ^2/NDF : 220.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.090 ± 2.025 χ^2/NDF : 251.1/16

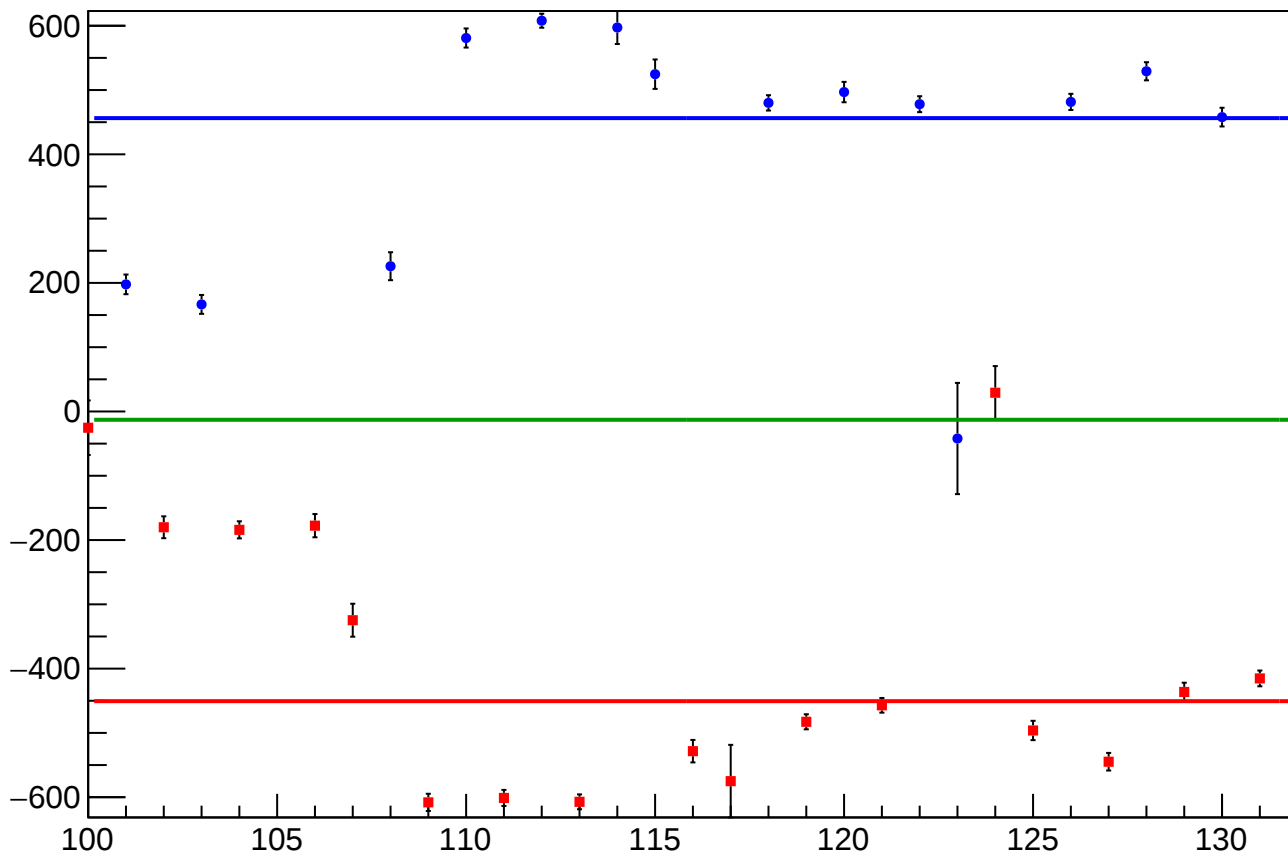
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.370 ± 1.987 χ^2/NDF : 220.4/14

-1.214 ± 1.418 χ^2/NDF : 471.9/31

-2.090 ± 2.025 χ^2/NDF : 251.1/16

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 456.318+/-3.805 χ^2/NDF : 1172.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -450.608+/-3.675 χ^2/NDF : 1705.9/16

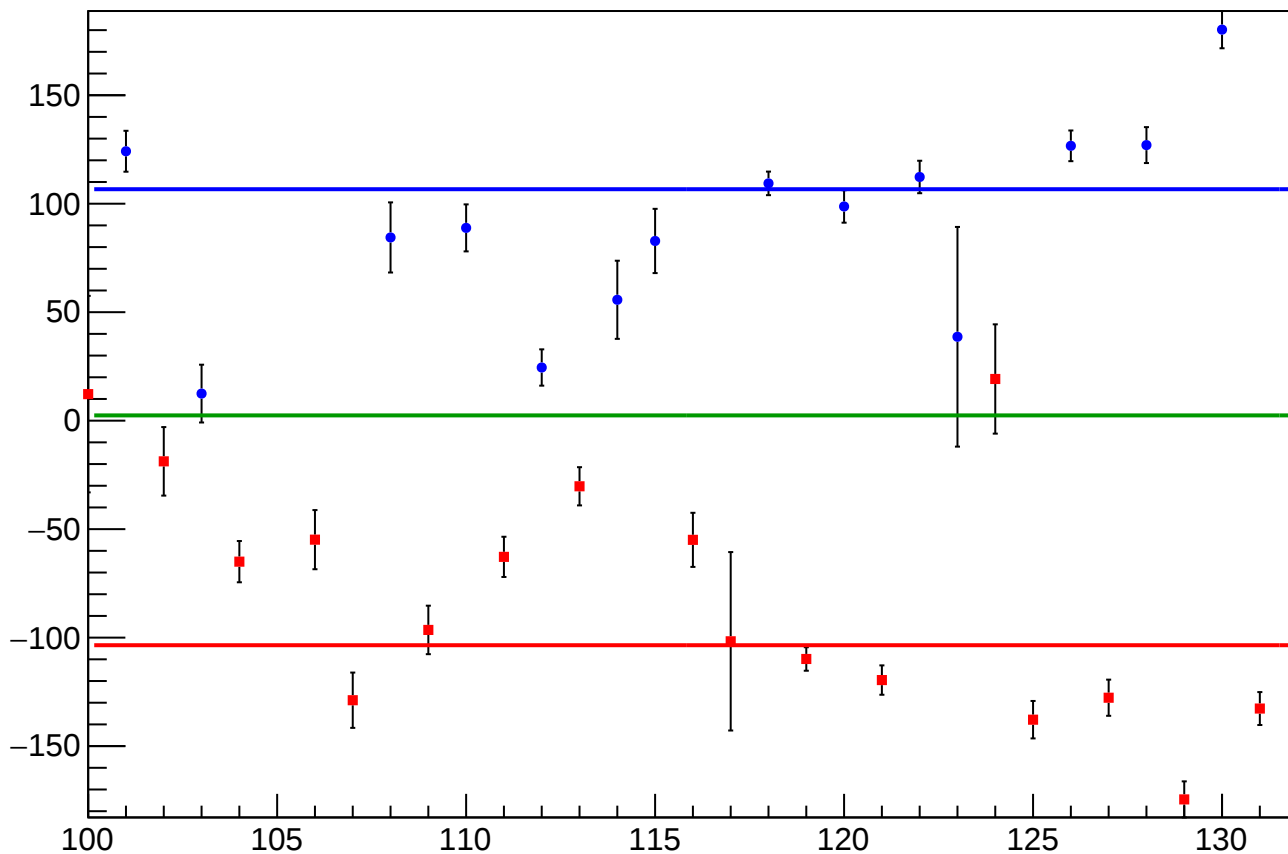
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

456.318+/-3.805 χ^2/NDF : 1172.8/14

-12.896+/-2.644 χ^2/NDF : 32264.3/31

-450.608+/-3.675 χ^2/NDF : 1705.9/16

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 106.680 $\pm$ 2.314 χ^2/NDF : 261.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -103.499 $\pm$ 2.333 χ^2/NDF : 315.2/16

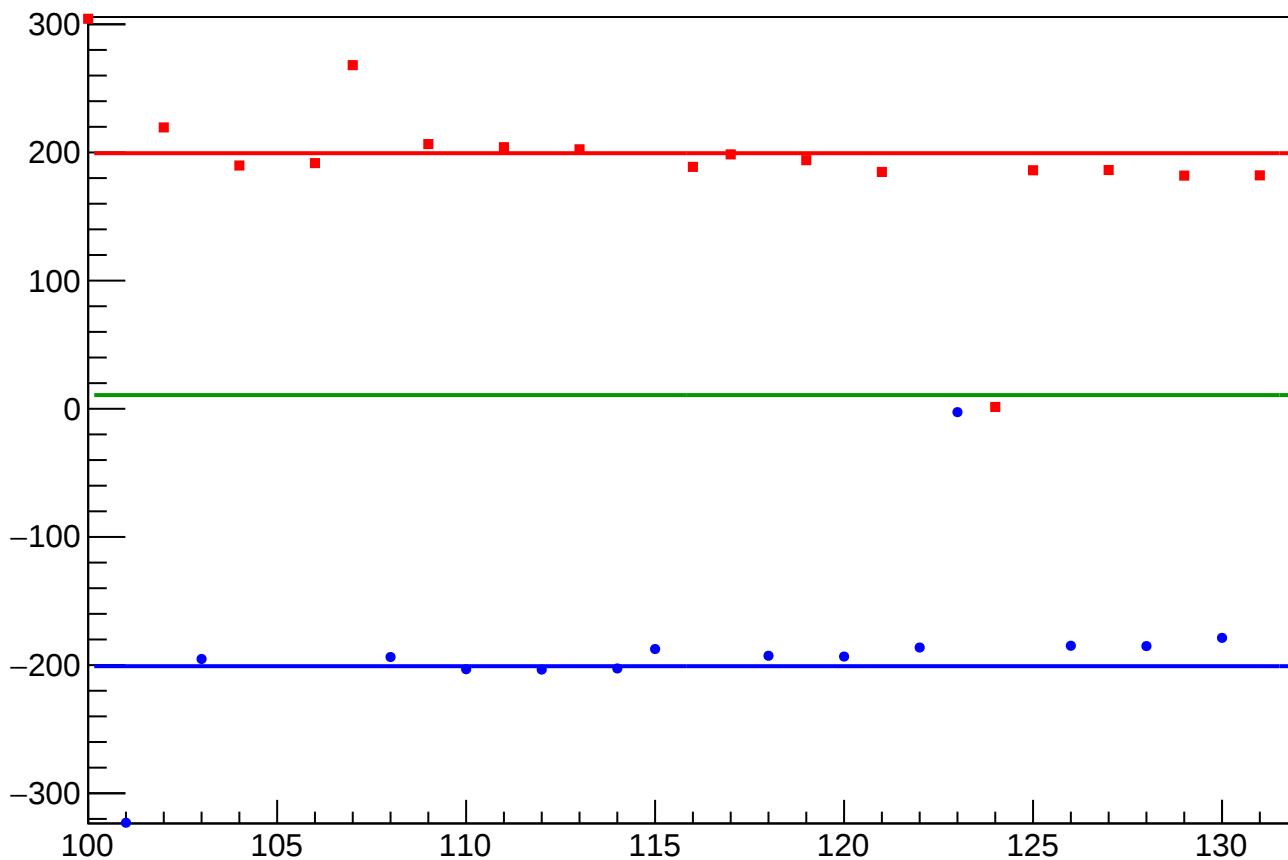
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

106.680 $\pm$ 2.314 χ^2/NDF : 261.2/14

2.429 $\pm$ 1.643 χ^2/NDF : 4668.2/31

-103.499 $\pm$ 2.333 χ^2/NDF : 315.2/16

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -200.843+/-0.147 χ^2/NDF : 57722.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.420+/-0.139 χ^2/NDF : 39255.0/16

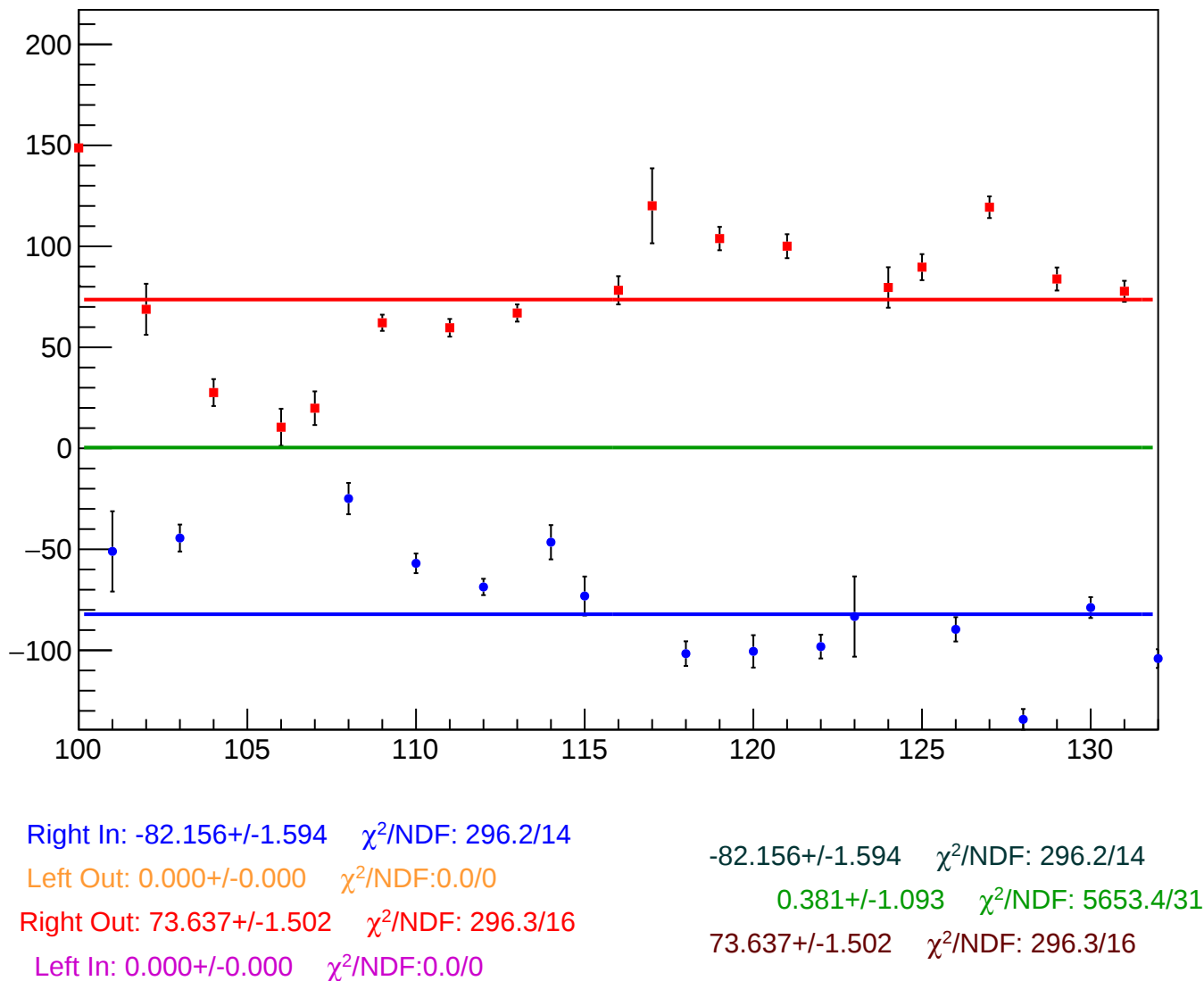
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-200.843+/-0.147 χ^2/NDF : 57722.8/14

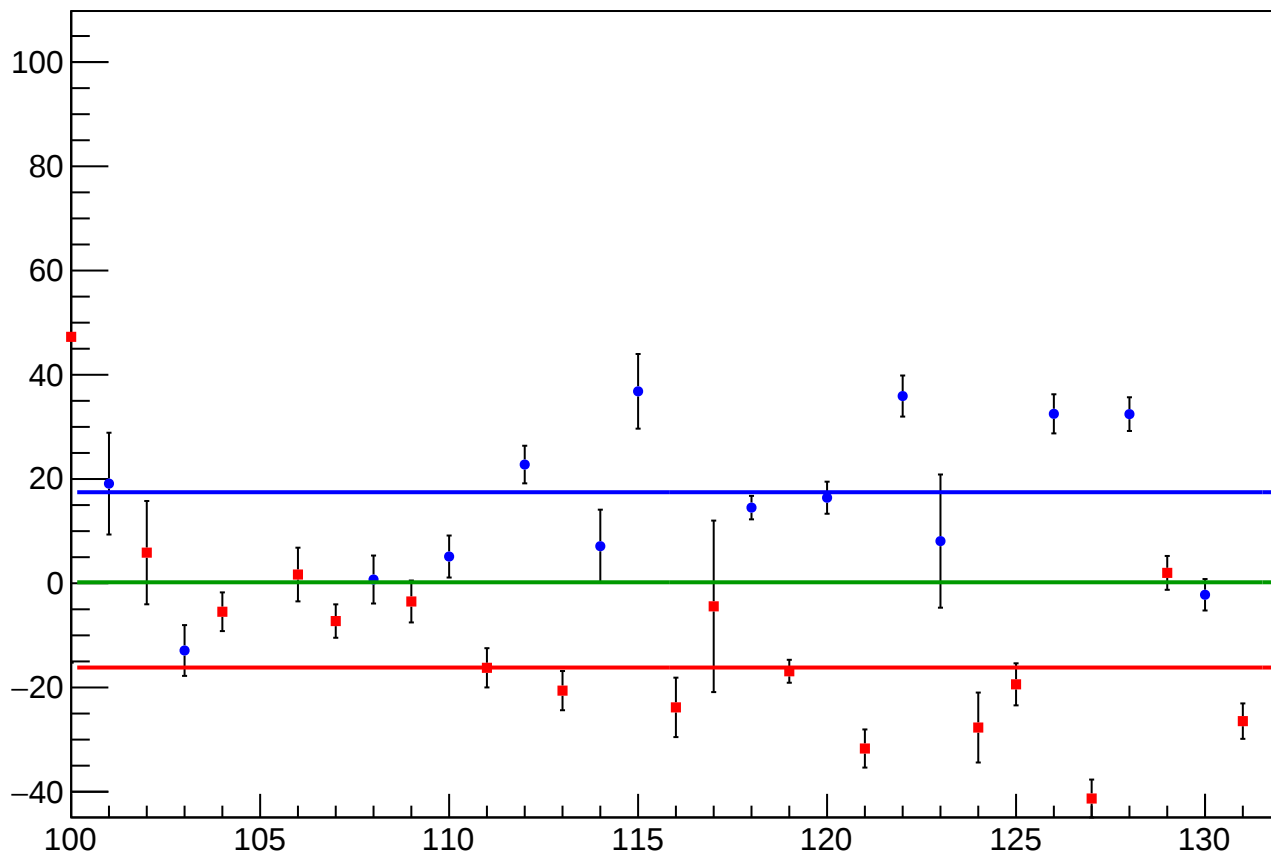
10.696+/-0.101 χ^2/NDF : 4001895.1/31

199.420+/-0.139 χ^2/NDF : 39255.0/16

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.467+/-0.990 χ^2/NDF : 200.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.171+/-0.963 χ^2/NDF : 157.6/16

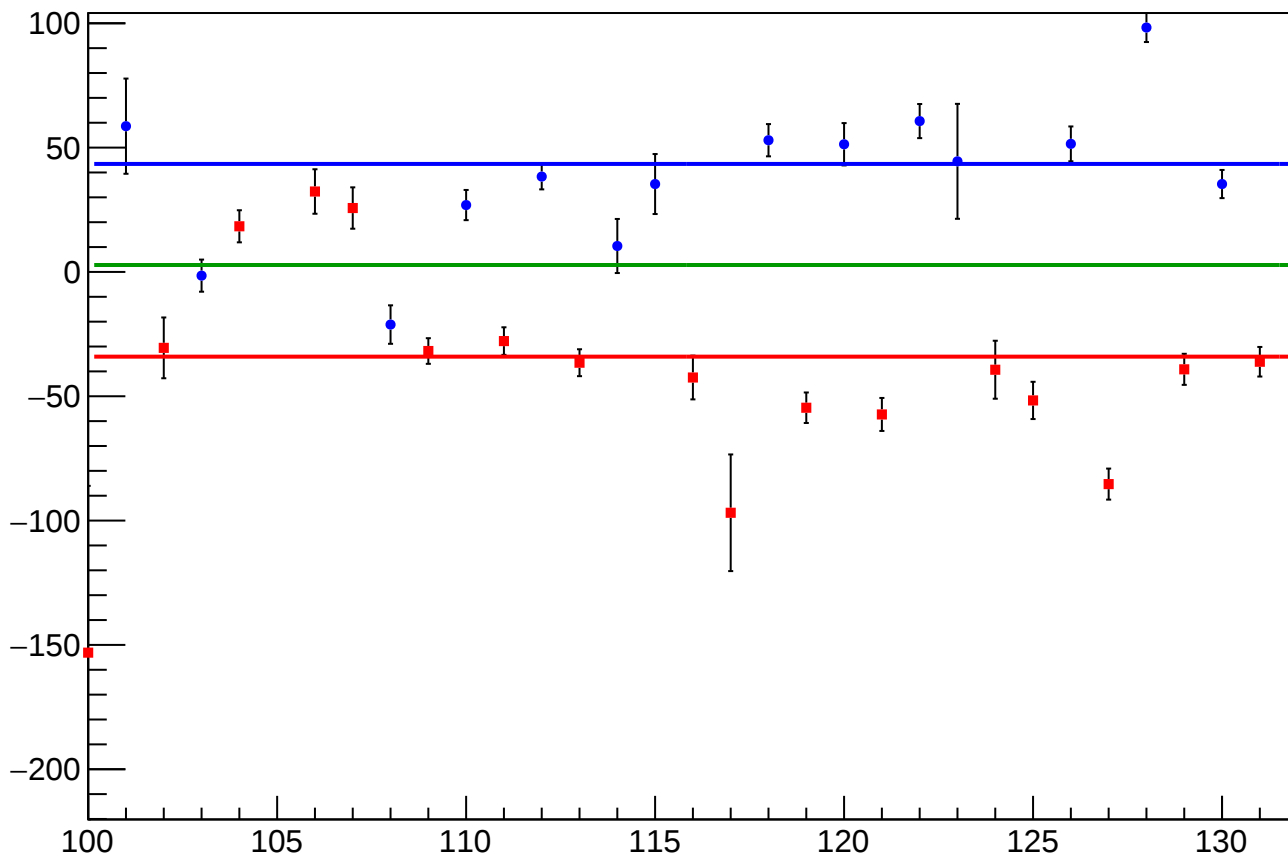
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.467+/-0.990 χ^2/NDF : 200.7/14

0.185+/-0.691 χ^2/NDF : 951.1/31

-16.171+/-0.963 χ^2/NDF : 157.6/16

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.434+/-1.826 χ^2 /NDF: 259.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -34.067+/-1.738 χ^2 /NDF: 283.2/16

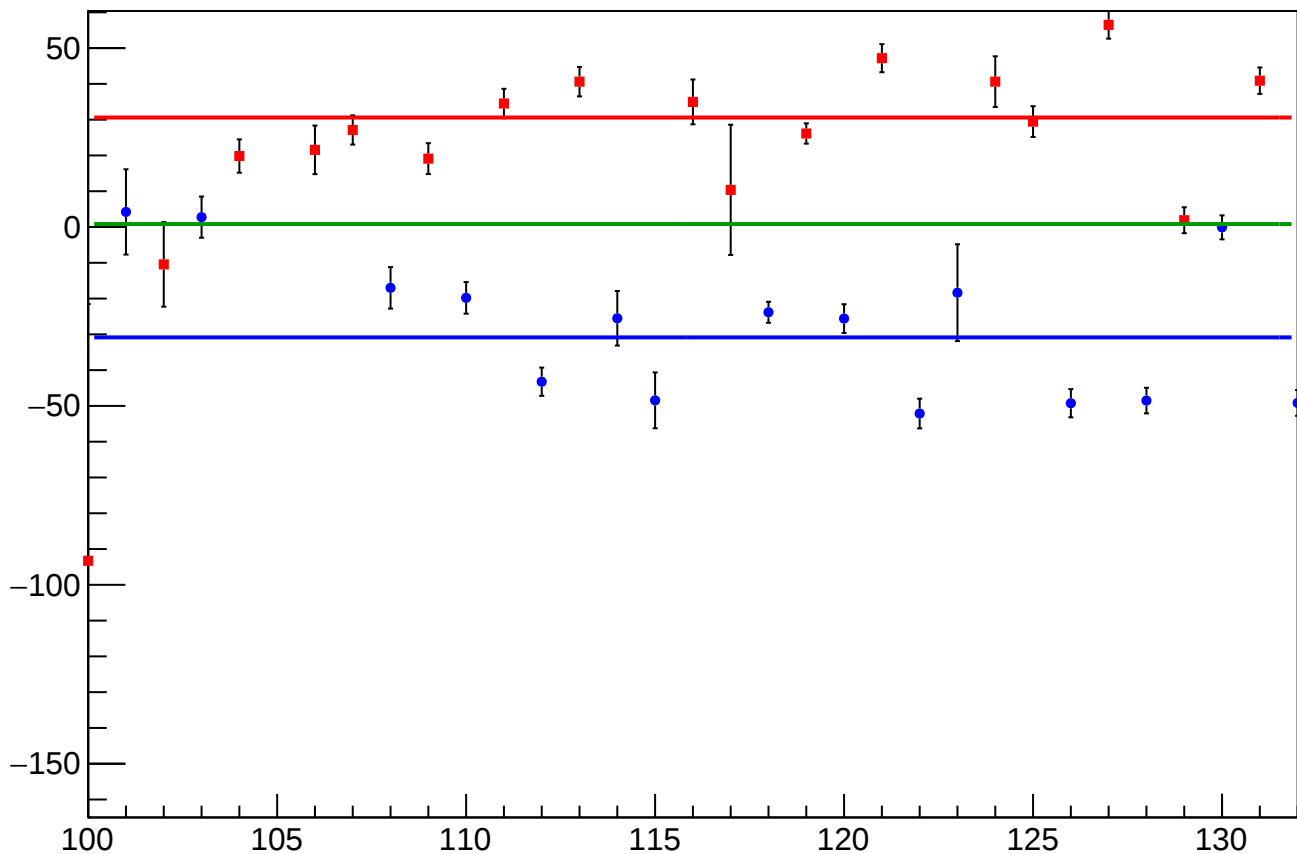
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

43.434+/-1.826 χ^2 /NDF: 259.3/14

2.788+/-1.259 χ^2 /NDF: 1487.7/31

-34.067+/-1.738 χ^2 /NDF: 283.2/16

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.851 ± 1.142 χ^2/NDF : 261.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 30.601 ± 1.108 χ^2/NDF : 176.3/16

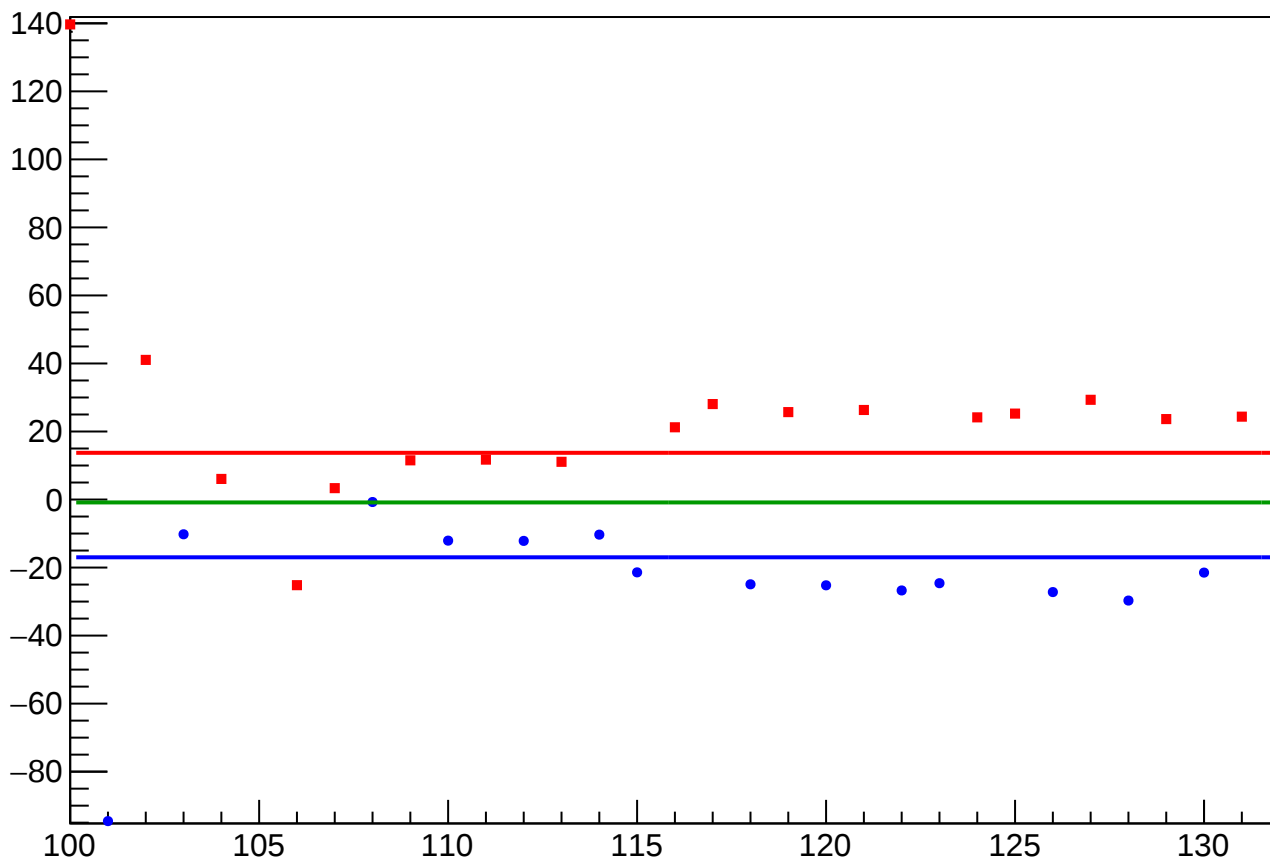
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-30.851 ± 1.142 χ^2/NDF : 261.2/14

0.823 ± 0.795 χ^2/NDF : 1929.3/31

30.601 ± 1.108 χ^2/NDF : 176.3/16

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.985 ± 0.069 χ^2/NDF : 32619.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.735 ± 0.065 χ^2/NDF : 56664.0/16

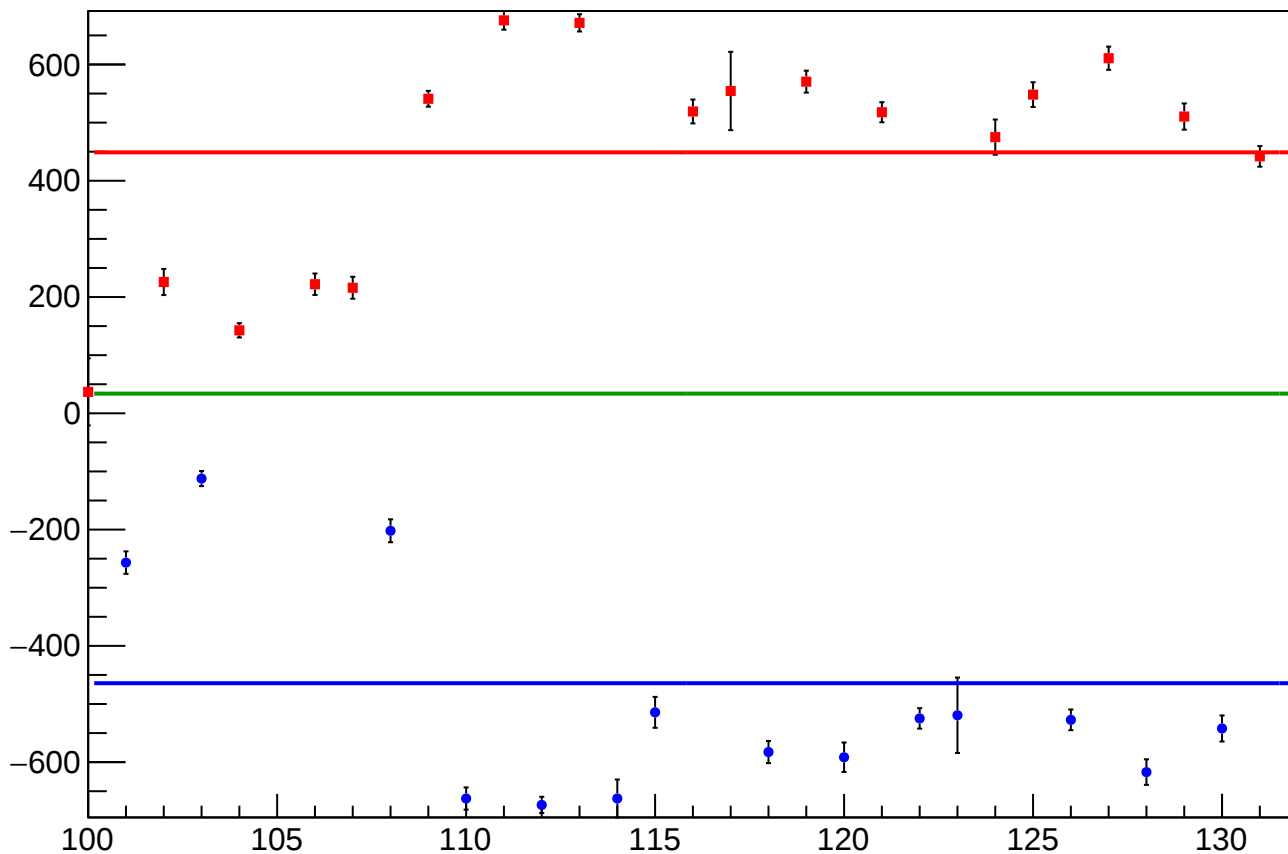
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-16.985 ± 0.069 χ^2/NDF : 32619.6/14

-0.854 ± 0.047 χ^2/NDF : 194057.5/31

13.735 ± 0.065 χ^2/NDF : 56664.0/16

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -464.234 $\pm$ 4.993 χ^2/NDF : 1545.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 448.832 $\pm$ 4.557 χ^2/NDF : 1711.4/16

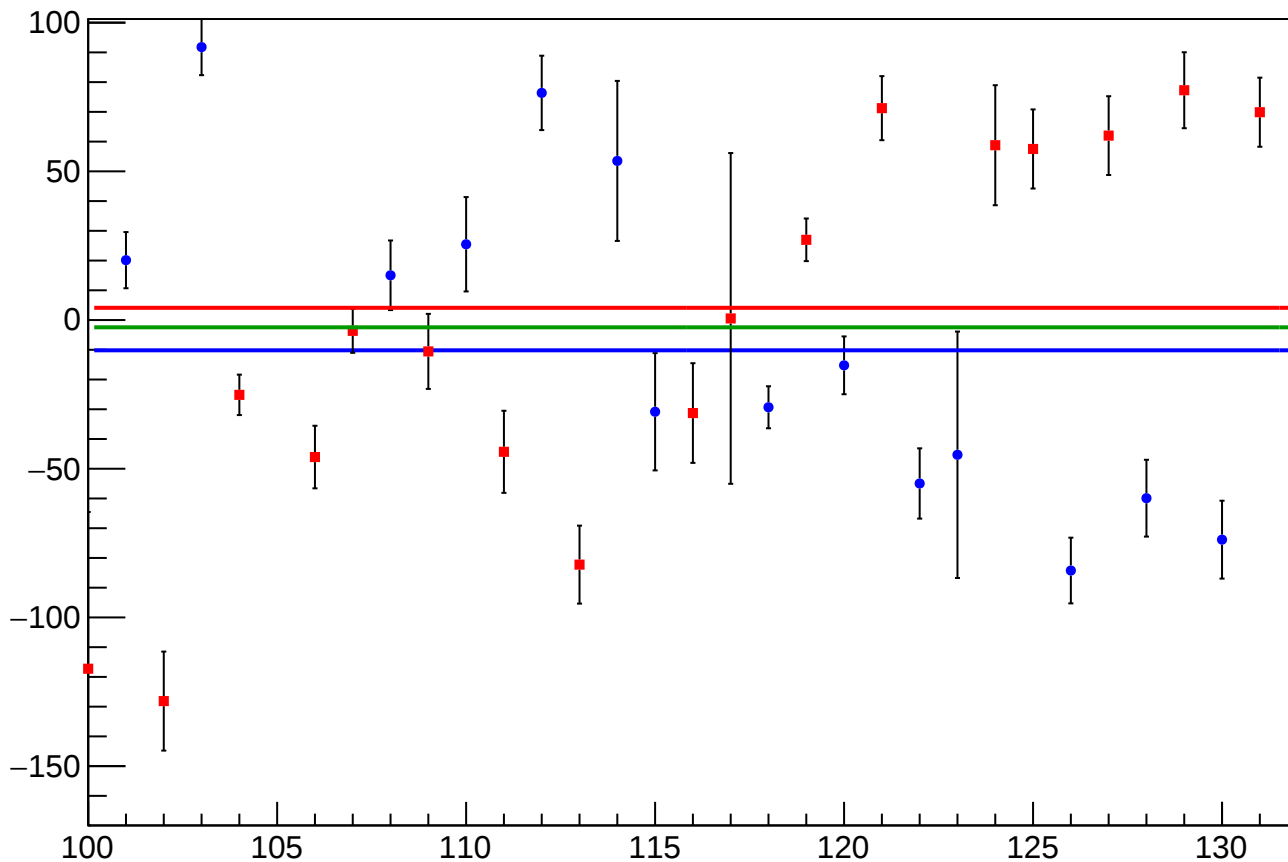
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-464.234 $\pm$ 4.993 χ^2/NDF : 1545.1/14

33.883 $\pm$ 3.366 χ^2/NDF : 21502.9/31

448.832 $\pm$ 4.557 χ^2/NDF : 1711.4/16

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.179 ± 3.014 χ^2/NDF : 312.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.117 ± 2.777 χ^2/NDF : 328.8/16

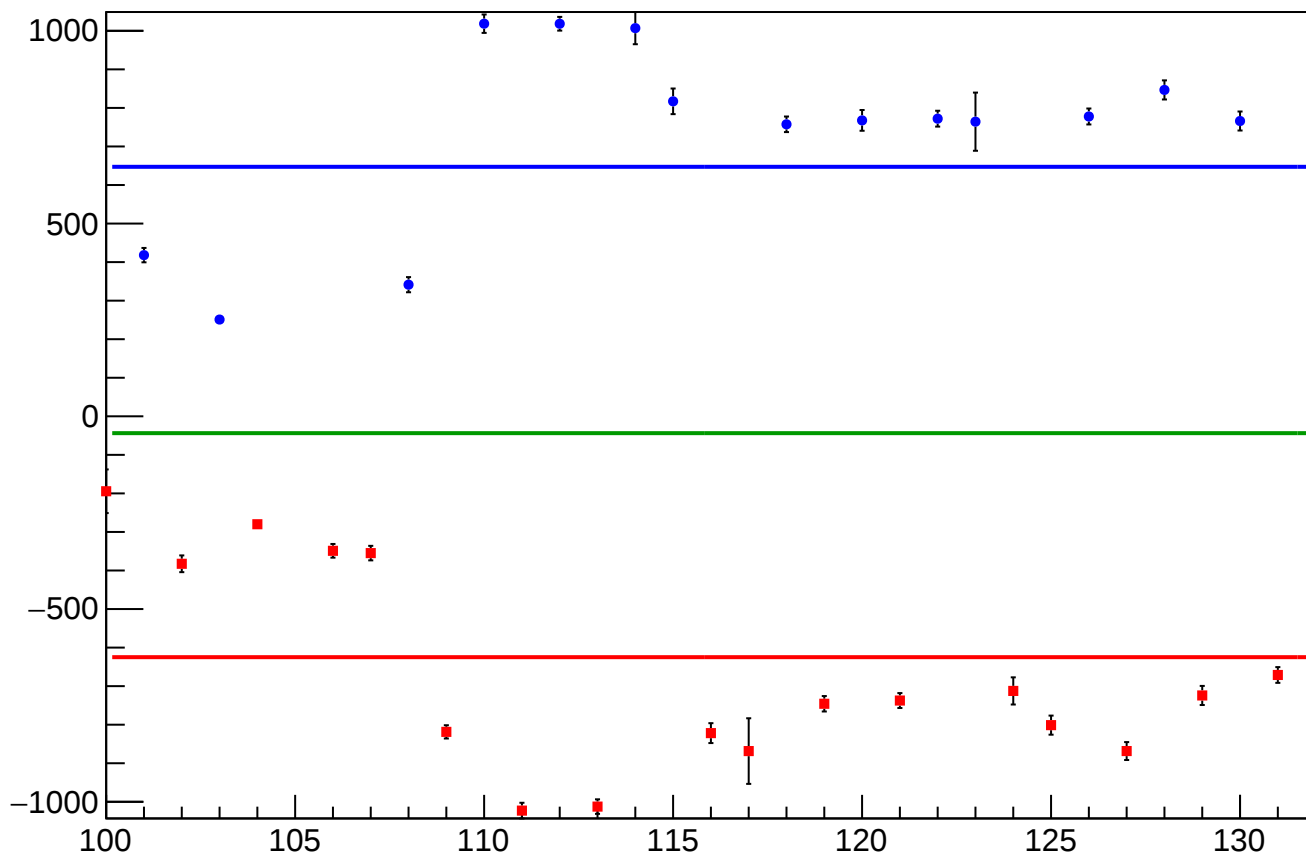
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.179 ± 3.014 χ^2/NDF : 312.9/14

-2.447 ± 2.043 χ^2/NDF : 653.9/31

4.117 ± 2.777 χ^2/NDF : 328.8/16

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 647.233+/-5.507 χ^2/NDF : 2390.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -624.846+/-5.051 χ^2/NDF : 2724.9/16

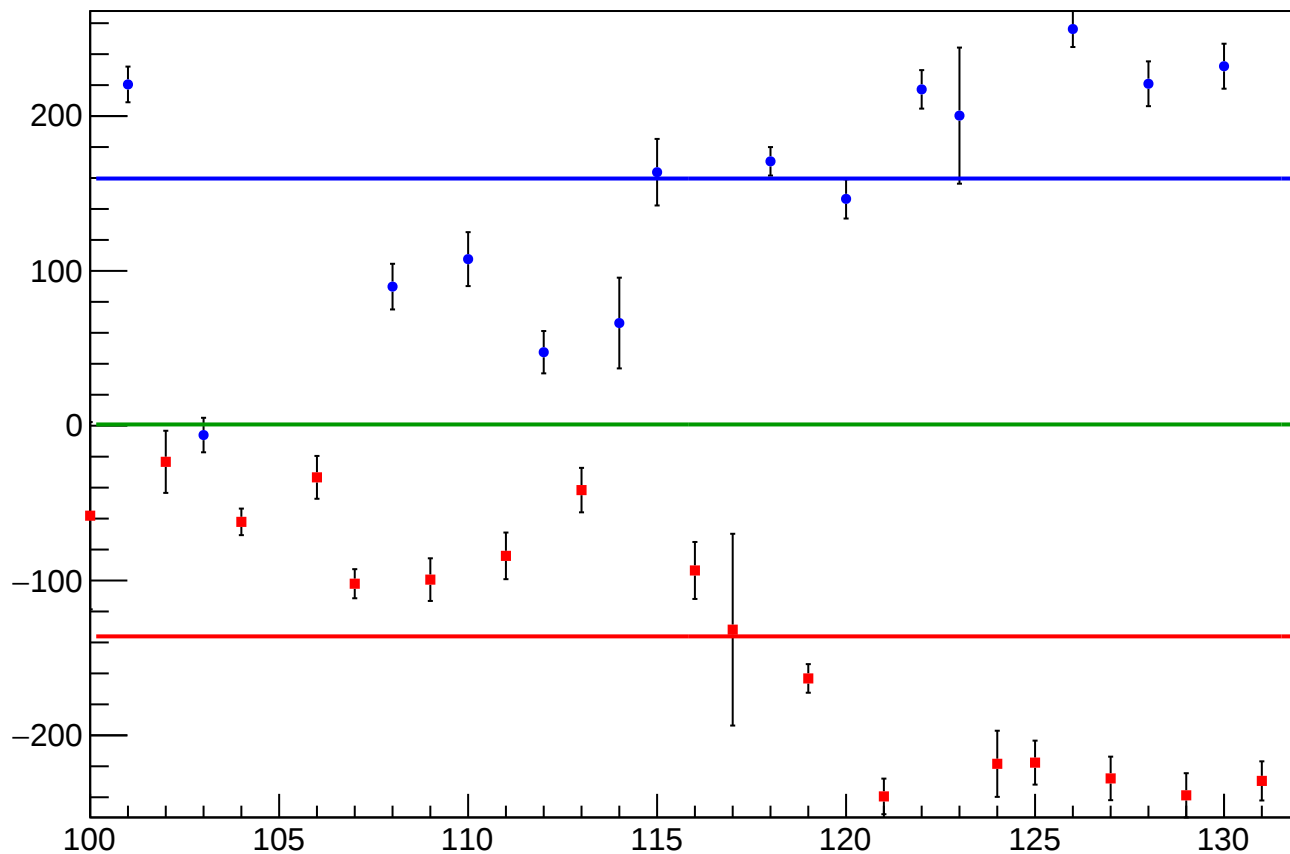
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

647.233+/-5.507 χ^2/NDF : 2390.1/14

-43.707+/-3.722 χ^2/NDF : 34092.2/31

-624.846+/-5.051 χ^2/NDF : 2724.9/16

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 159.661 $\pm$ 3.527 χ^2 /NDF: 506.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -136.082 $\pm$ 3.274 χ^2 /NDF: 529.6/16

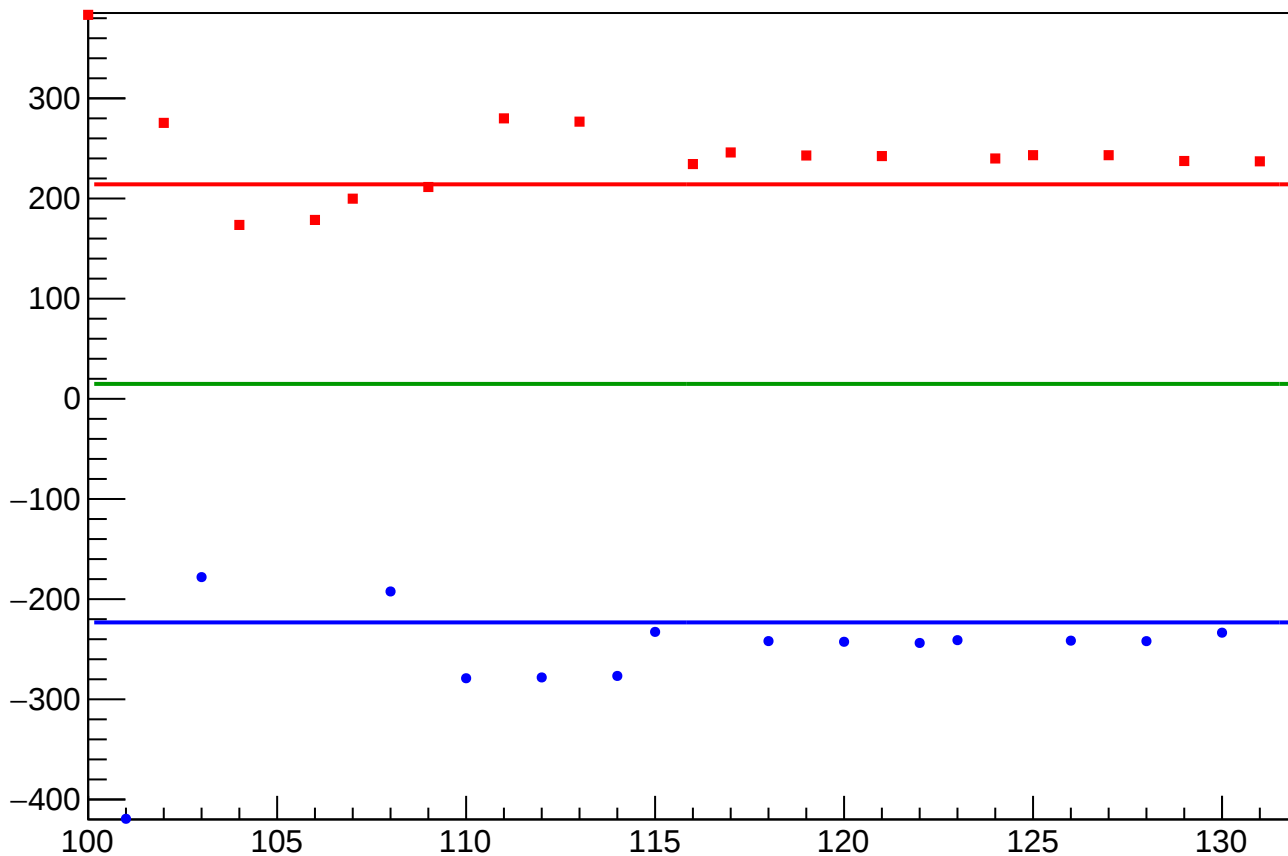
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

159.661 $\pm$ 3.527 χ^2 /NDF: 506.3/14

0.807 $\pm$ 2.400 χ^2 /NDF: 4812.4/31

-136.082 $\pm$ 3.274 χ^2 /NDF: 529.6/16

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -223.221+/-0.181 χ^2 /NDF: 126138.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 214.150+/-0.166 χ^2 /NDF: 62634.5/16

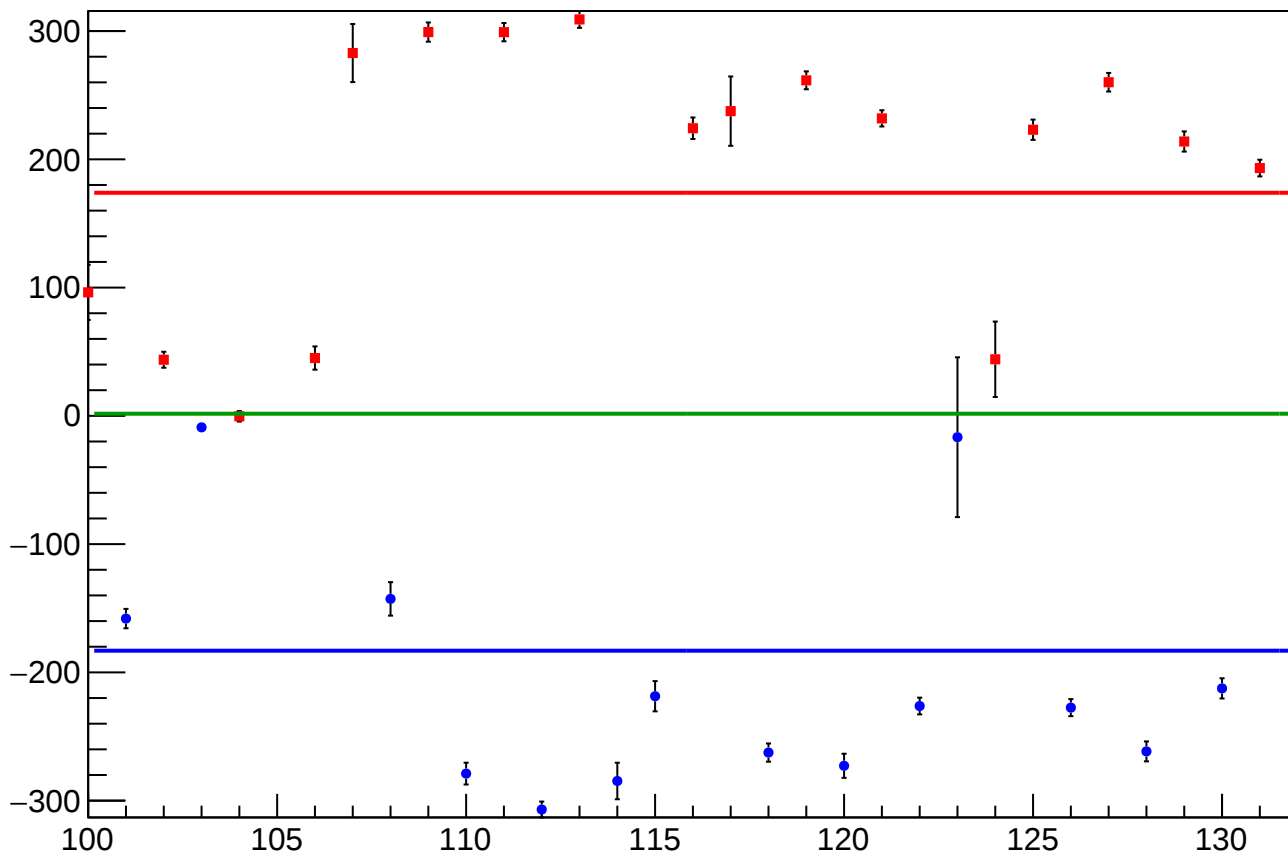
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-223.221+/-0.181 χ^2 /NDF: 126138.2/14

14.897+/-0.122 χ^2 /NDF: 3370338.5/31

214.150+/-0.166 χ^2 /NDF: 62634.5/16

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -183.093 ± 1.893 χ^2/NDF : 3023.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 173.931 ± 1.828 χ^2/NDF : 4010.1/16

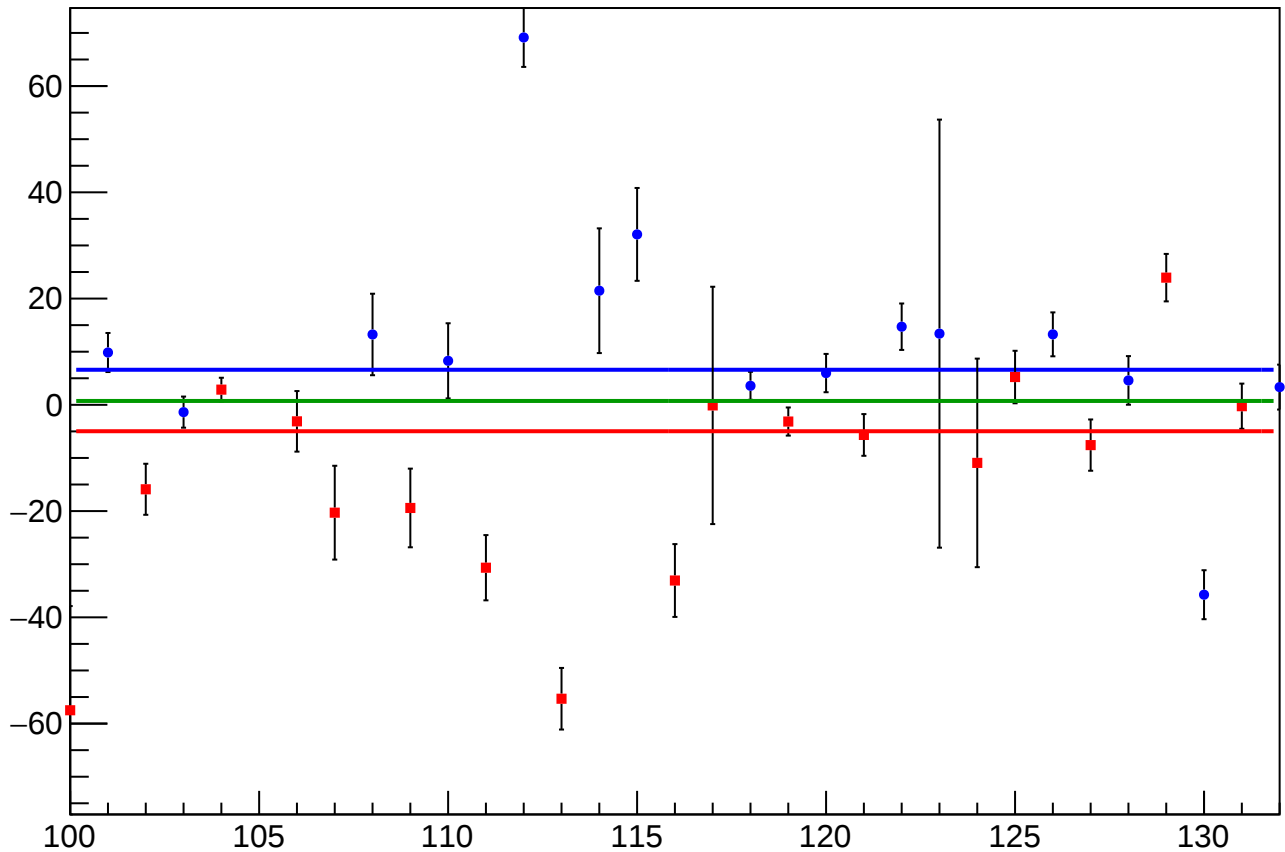
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-183.093 ± 1.893 χ^2/NDF : 3023.2/14

1.666 ± 1.315 χ^2/NDF : 25438.6/31

173.931 ± 1.828 χ^2/NDF : 4010.1/16

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.601 ± 1.145 χ^2/NDF : 239.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.969 ± 1.127 χ^2/NDF : 189.5/16

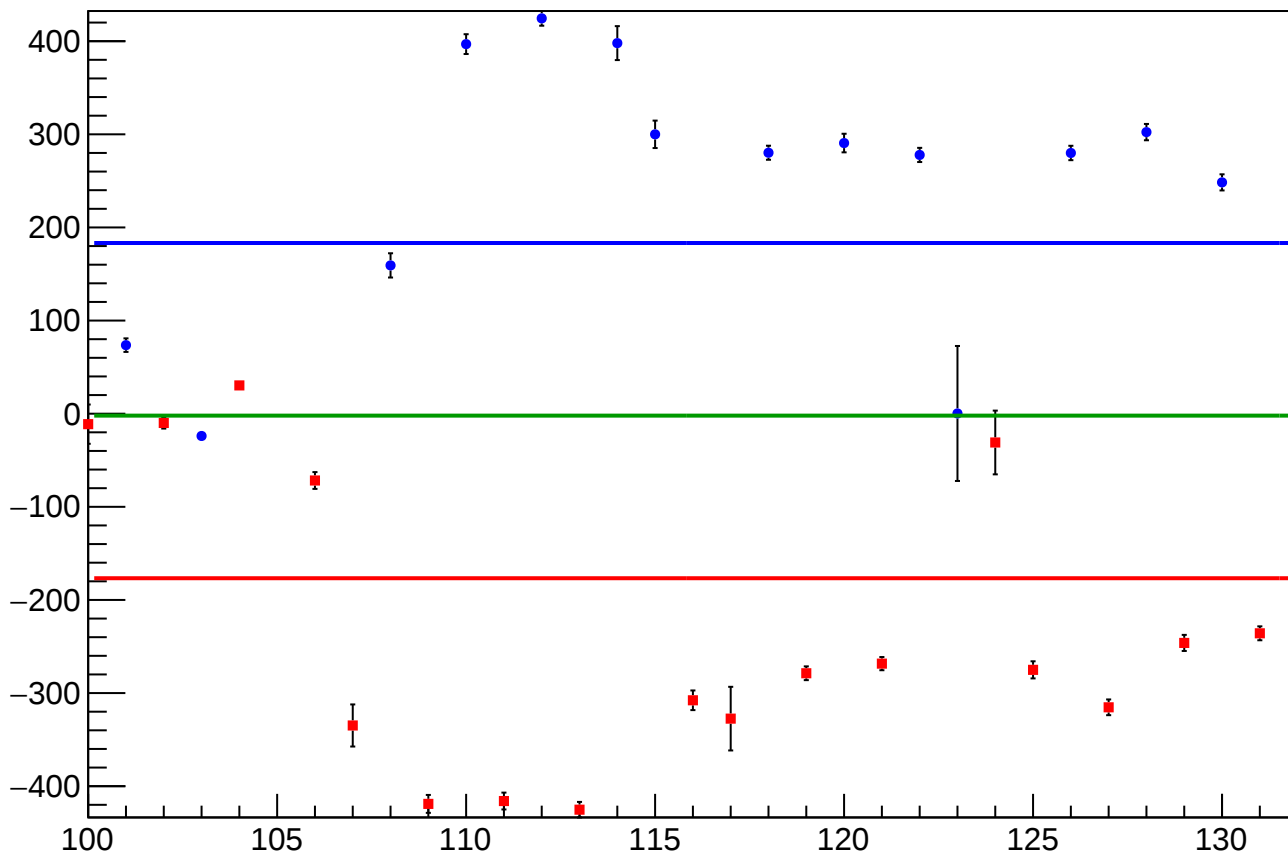
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.601 ± 1.145 χ^2/NDF : 239.0/14

0.728 ± 0.803 χ^2/NDF : 480.4/31

-4.969 ± 1.127 χ^2/NDF : 189.5/16

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 183.293 ± 2.057 χ^2/NDF : 5696.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -176.681 ± 1.996 χ^2/NDF : 7015.2/16

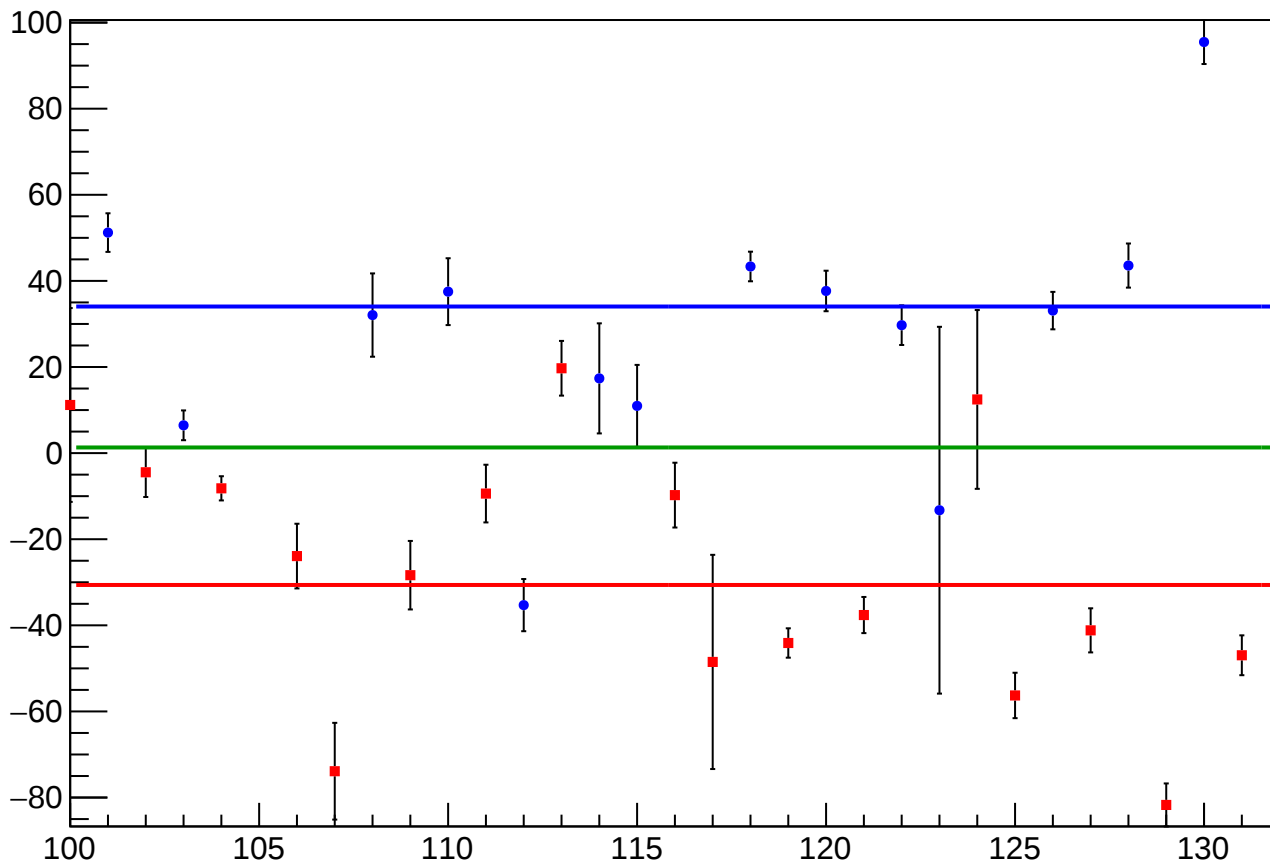
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

183.293 ± 2.057 χ^2/NDF : 5696.4/14

-2.075 ± 1.432 χ^2/NDF : 28487.7/31

-176.681 ± 1.996 χ^2/NDF : 7015.2/16

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.049+/-1.338 χ^2/NDF : 376.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.626+/-1.322 χ^2/NDF : 352.4/16

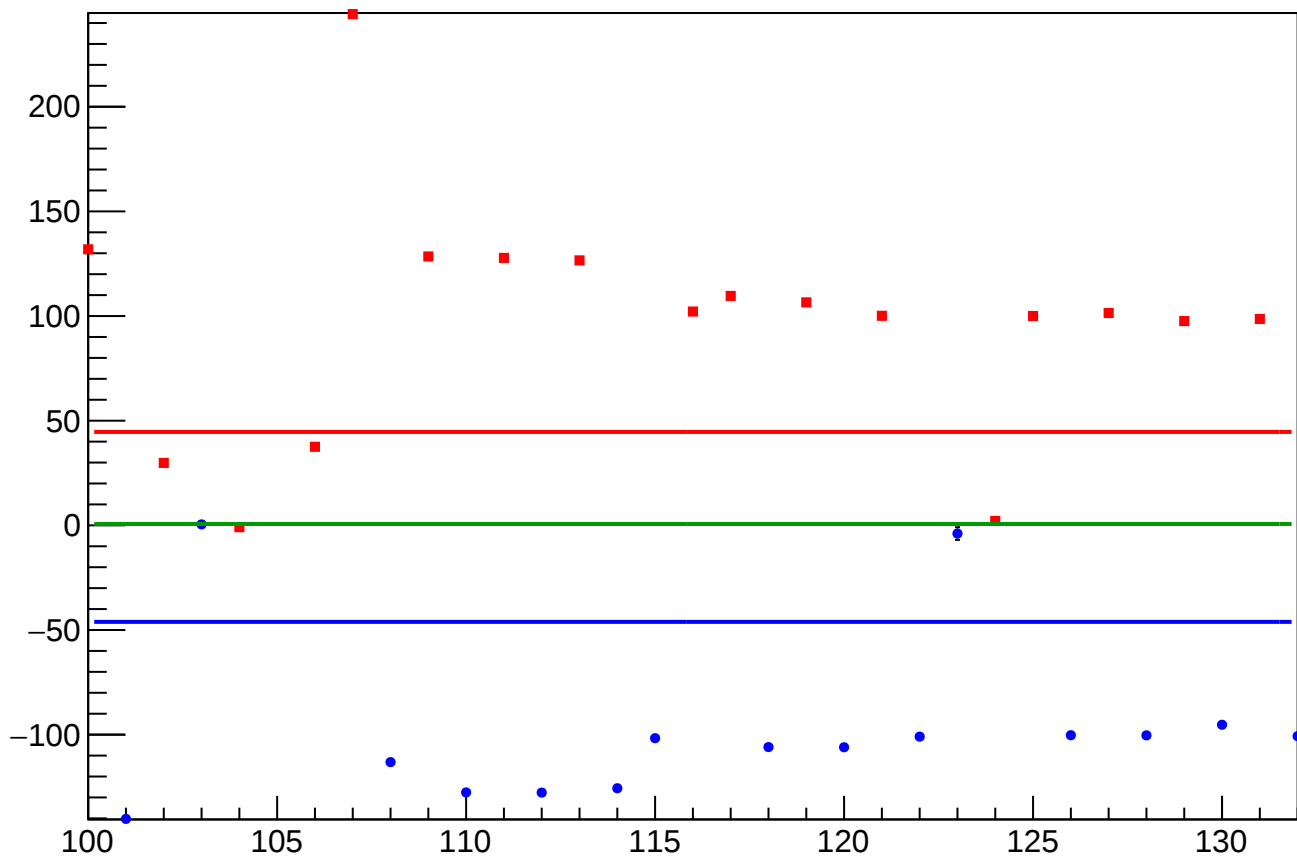
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.049+/-1.338 χ^2/NDF : 376.8/14

1.311+/-0.940 χ^2/NDF : 1911.6/31

-30.626+/-1.322 χ^2/NDF : 352.4/16

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -46.111 $\pm$ 0.065 χ^2 /NDF: 749116.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.639 $\pm$ 0.063 χ^2 /NDF: 682681.2/16

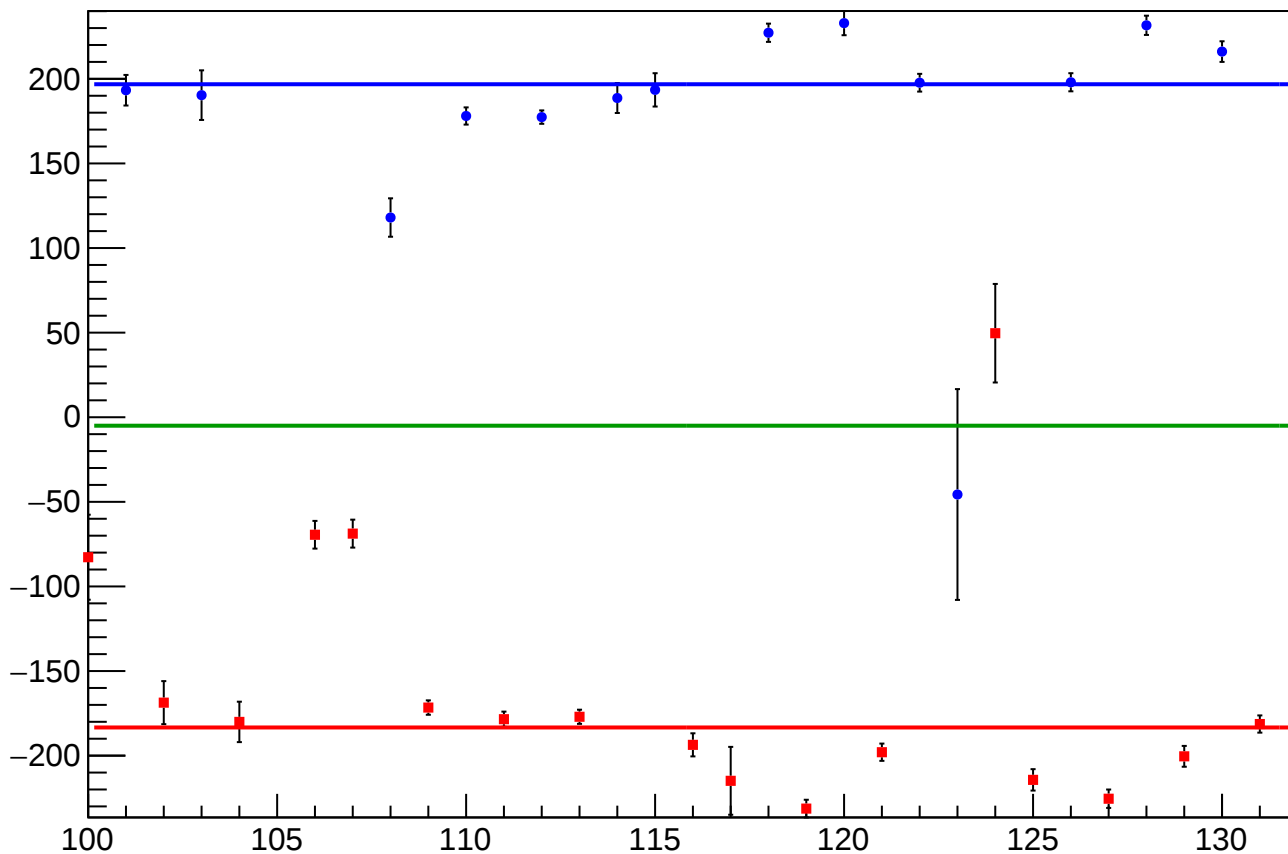
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-46.111 $\pm$ 0.065 χ^2 /NDF: 749116.8/14

0.657 $\pm$ 0.045 χ^2 /NDF: 2440111.8/31

44.639 $\pm$ 0.063 χ^2 /NDF: 682681.2/16

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 196.802 $\pm$ 1.622 χ^2 /NDF: 214.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -183.348 $\pm$ 1.524 χ^2 /NDF: 667.0/16

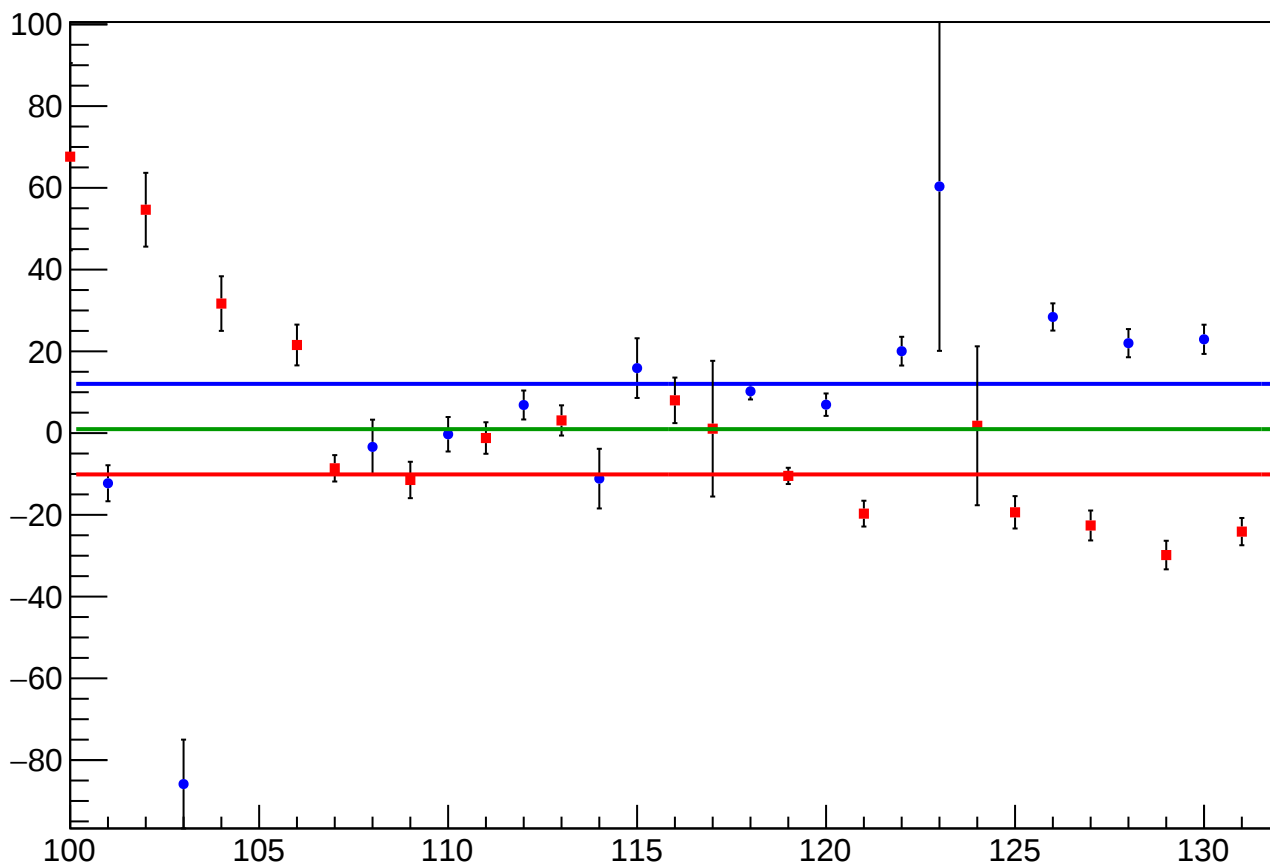
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.802 $\pm$ 1.622 χ^2 /NDF: 214.3/14

-5.003 $\pm$ 1.111 χ^2 /NDF: 30058.7/31

-183.348 $\pm$ 1.524 χ^2 /NDF: 667.0/16

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.044+/-0.969 χ^2 /NDF: 206.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -10.111+/-0.969 χ^2 /NDF: 248.0/16

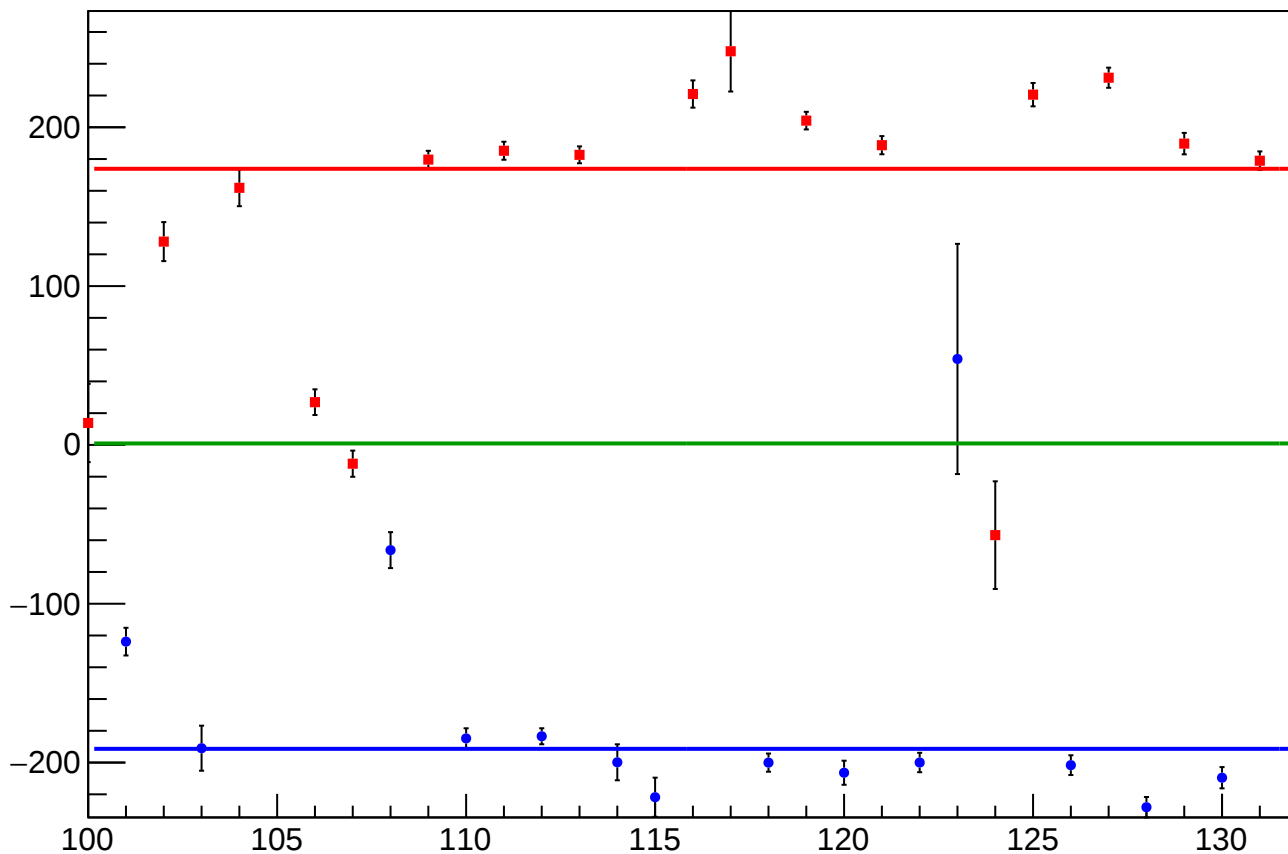
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

12.044+/-0.969 χ^2 /NDF: 206.0/14

0.968+/-0.685 χ^2 /NDF: 715.6/31

-10.111+/-0.969 χ^2 /NDF: 248.0/16

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -191.364 ± 1.868 $\chi^2/\text{NDF}: 255.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 173.861 ± 1.772 $\chi^2/\text{NDF}: 1152.2/16$

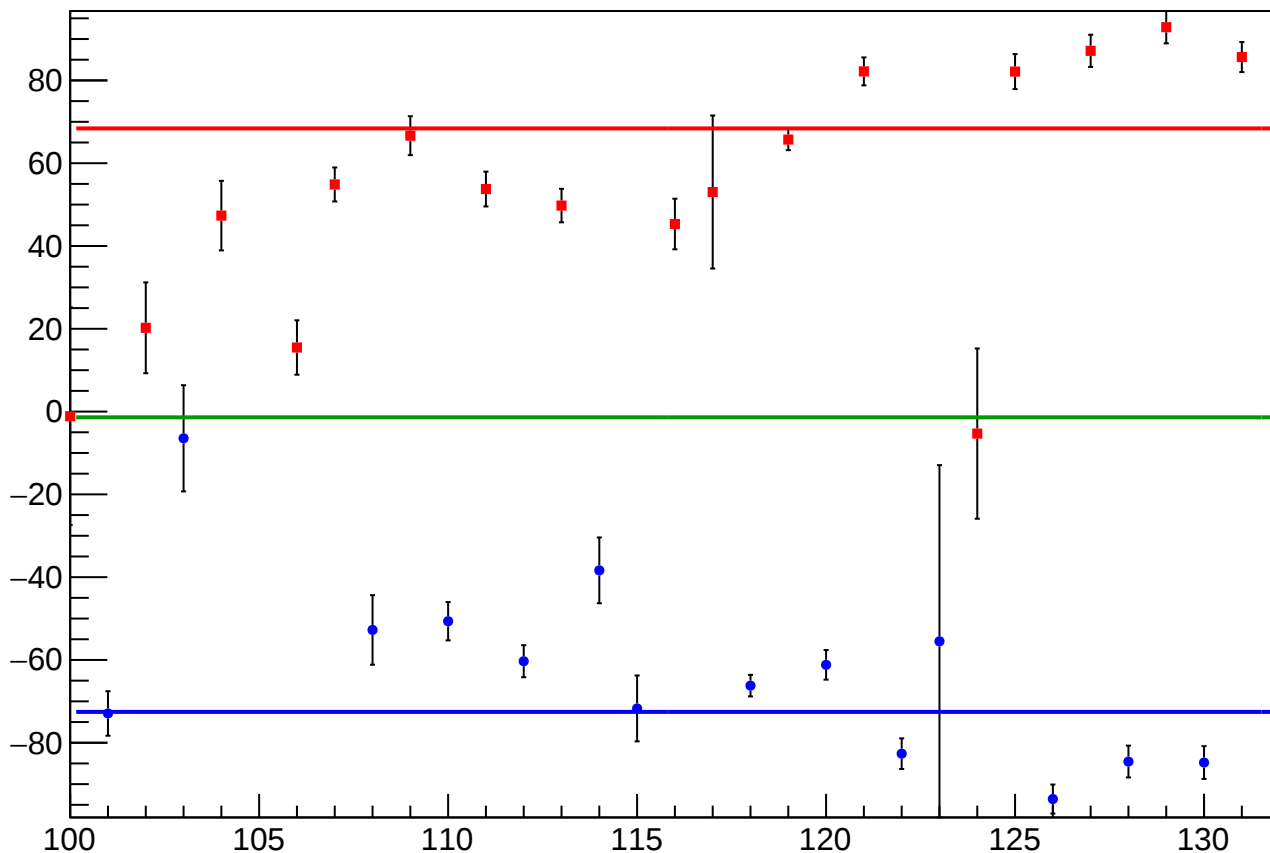
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-191.364 ± 1.868 $\chi^2/\text{NDF}: 255.8/14$

0.920 ± 1.286 $\chi^2/\text{NDF}: 21525.2/31$

173.861 ± 1.772 $\chi^2/\text{NDF}: 1152.2/16$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -72.547+/-1.125 χ^2/NDF : 171.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.405+/-1.115 χ^2/NDF : 282.8/16

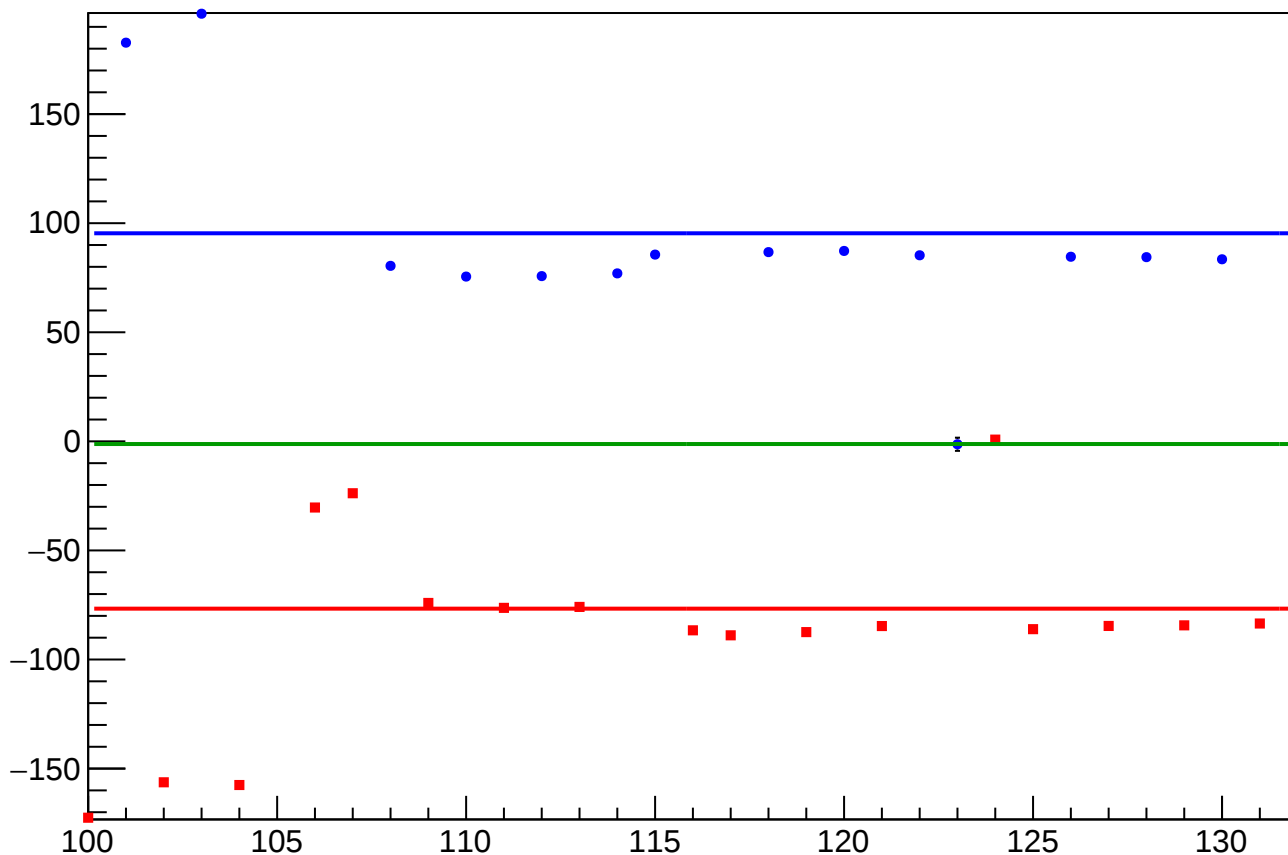
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-72.547+/-1.125 χ^2/NDF : 171.5/14

-1.394+/-0.792 χ^2/NDF : 8371.9/31

68.405+/-1.115 χ^2/NDF : 282.8/16

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.375+/-0.077 χ^2/NDF : 204775.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.688+/-0.068 χ^2/NDF : 308084.3/16

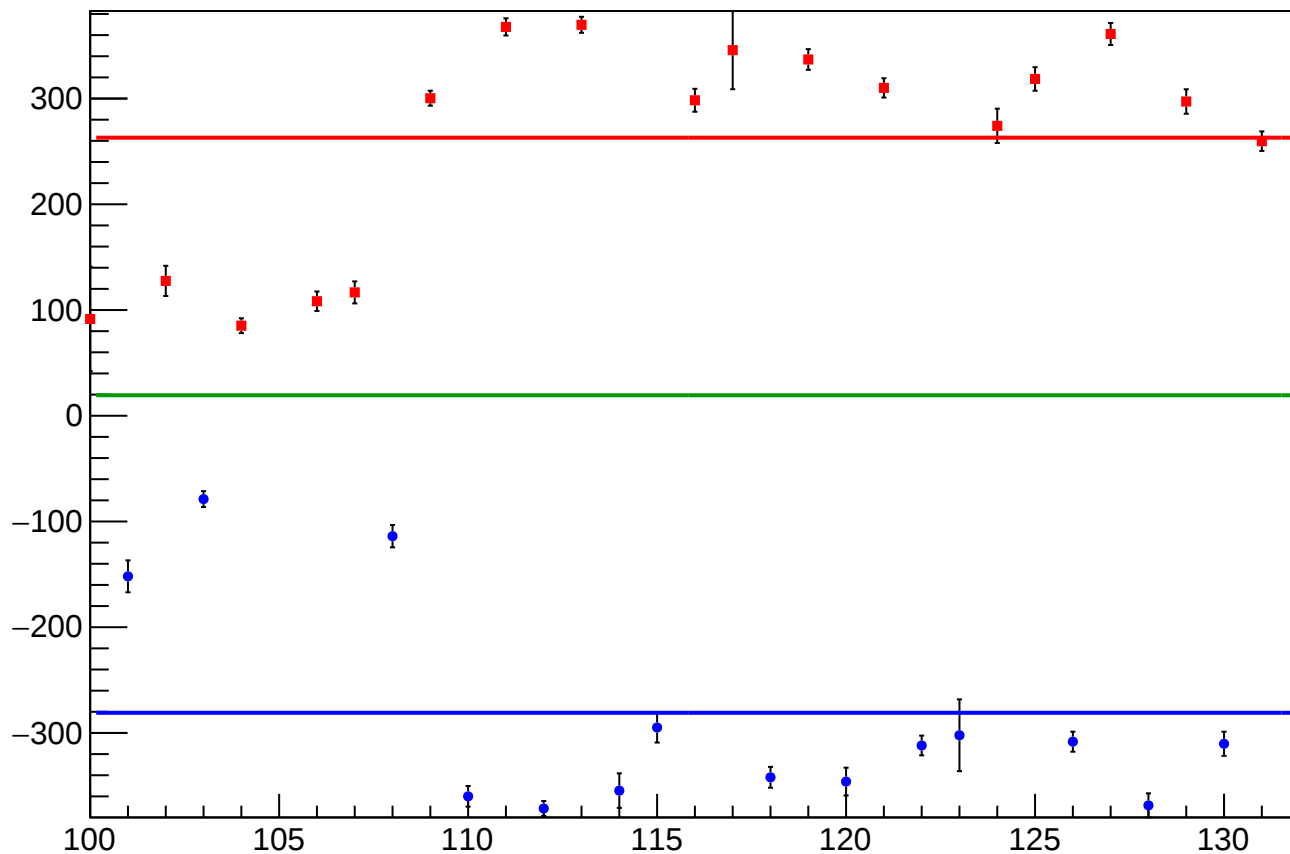
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.375+/-0.077 χ^2/NDF : 204775.6/14

-1.227+/-0.051 χ^2/NDF : 3287472.5/31

-76.688+/-0.068 χ^2/NDF : 308084.3/16

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -280.923+/-2.685 χ^2/NDF : 1445.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.016+/-2.418 χ^2/NDF : 1836.7/16

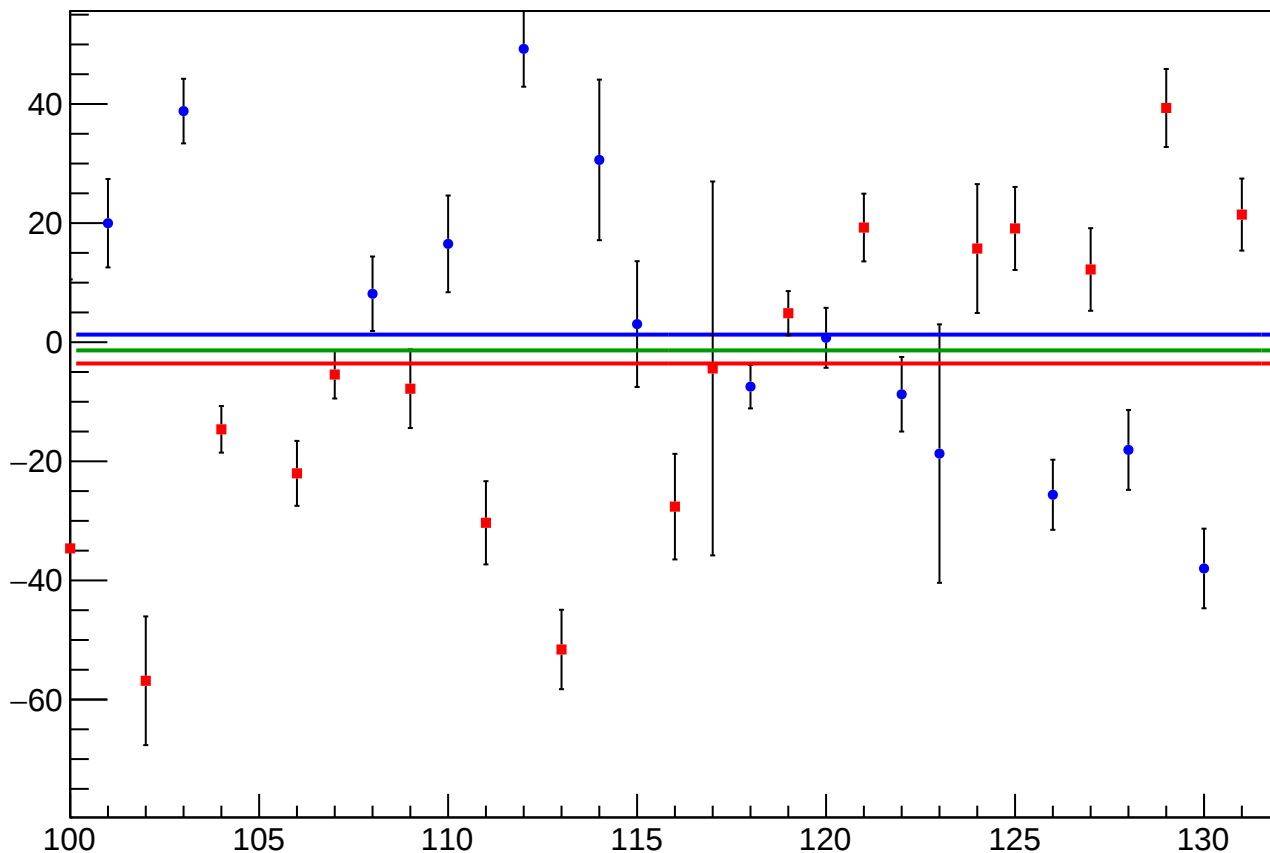
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-280.923+/-2.685 χ^2/NDF : 1445.6/14

19.400+/-1.797 χ^2/NDF : 25946.9/31

263.016+/-2.418 χ^2/NDF : 1836.7/16

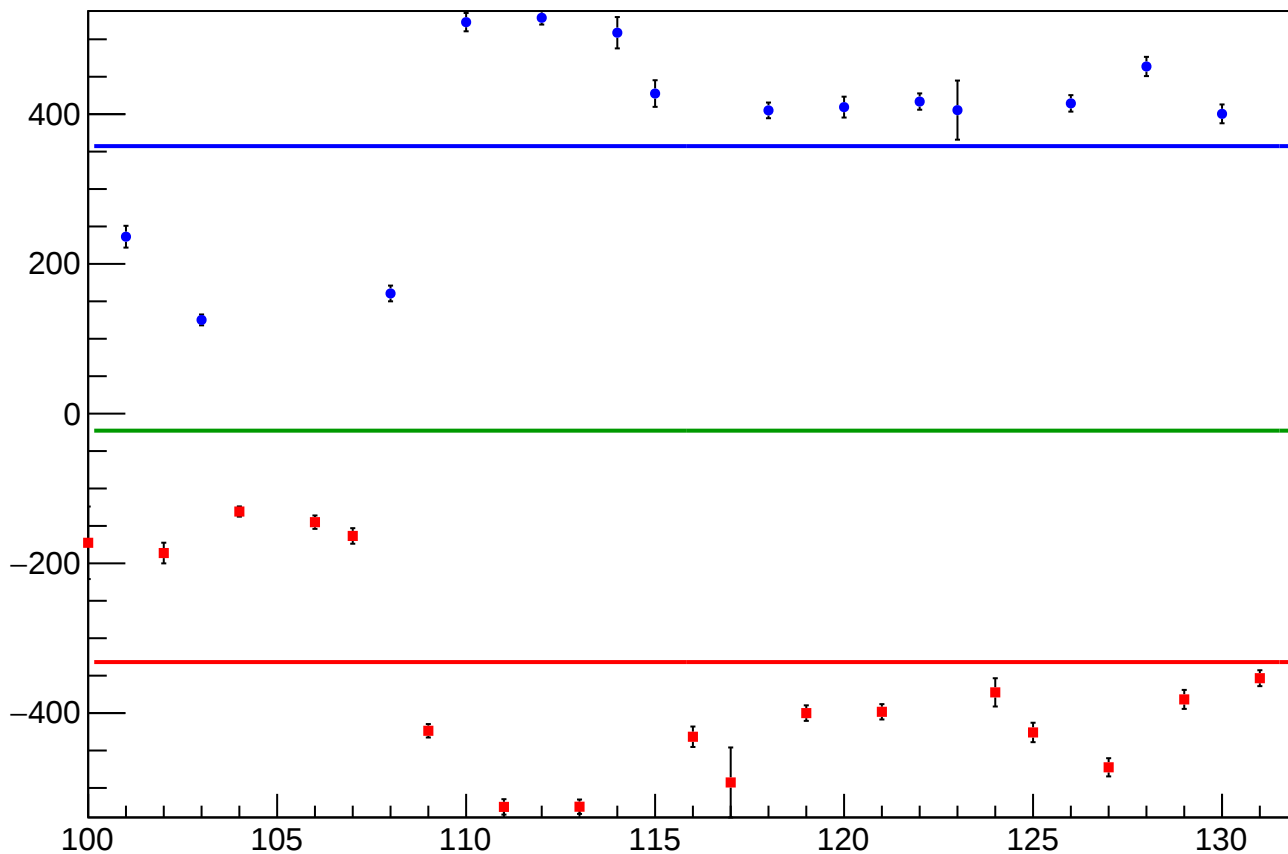
reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.279 ± 1.633 χ^2/NDF : 197.5/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -3.571 ± 1.485 χ^2/NDF : 219.0/16
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.279 ± 1.633 χ^2/NDF : 197.5/14
 -1.376 ± 1.099 χ^2/NDF : 421.3/31
 -3.571 ± 1.485 χ^2/NDF : 219.0/16

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 357.324+/-2.997 χ^2/NDF : 2237.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -331.866+/-2.703 χ^2/NDF : 2916.4/16

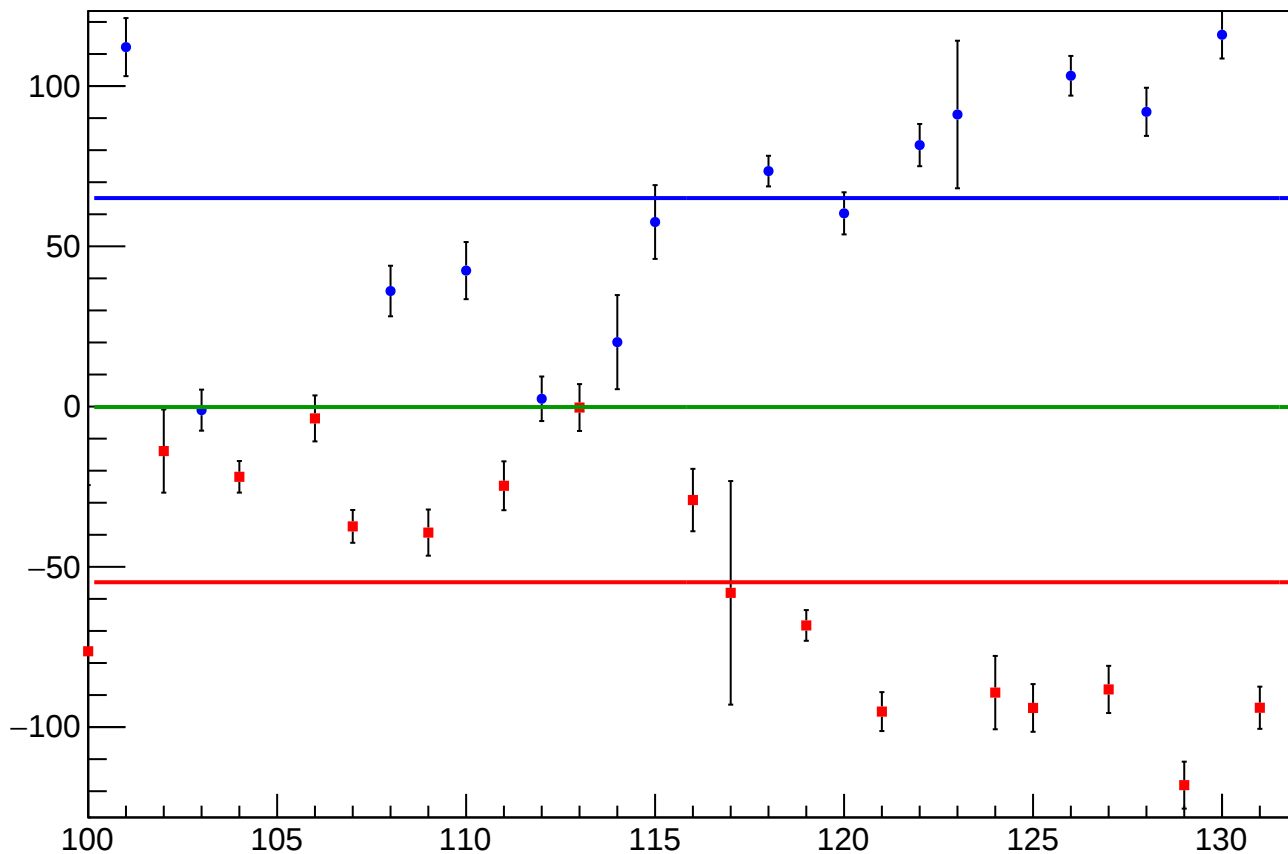
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

357.324+/-2.997 χ^2/NDF : 2237.2/14

-22.747+/-2.007 χ^2/NDF : 34322.0/31

-331.866+/-2.703 χ^2/NDF : 2916.4/16

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.052 $\pm$ 1.906 χ^2 /NDF: 357.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -54.806 $\pm$ 1.746 χ^2 /NDF: 419.4/16

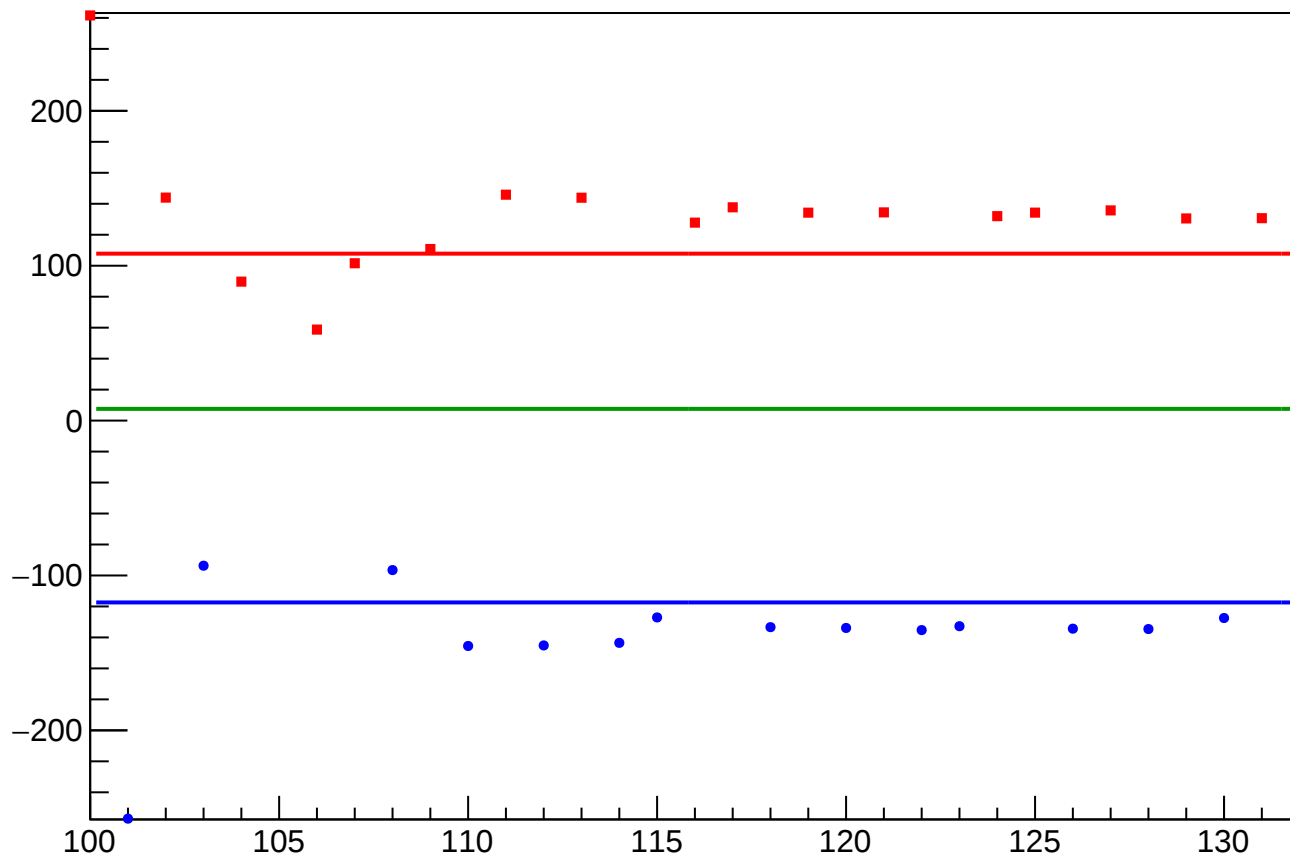
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

65.052 $\pm$ 1.906 χ^2 /NDF: 357.1/14

-0.140 $\pm$ 1.287 χ^2 /NDF: 2927.0/31

-54.806 $\pm$ 1.746 χ^2 /NDF: 419.4/16

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.412 ± 0.101 χ^2/NDF : 115106.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 107.790 ± 0.090 χ^2/NDF : 103831.8/16

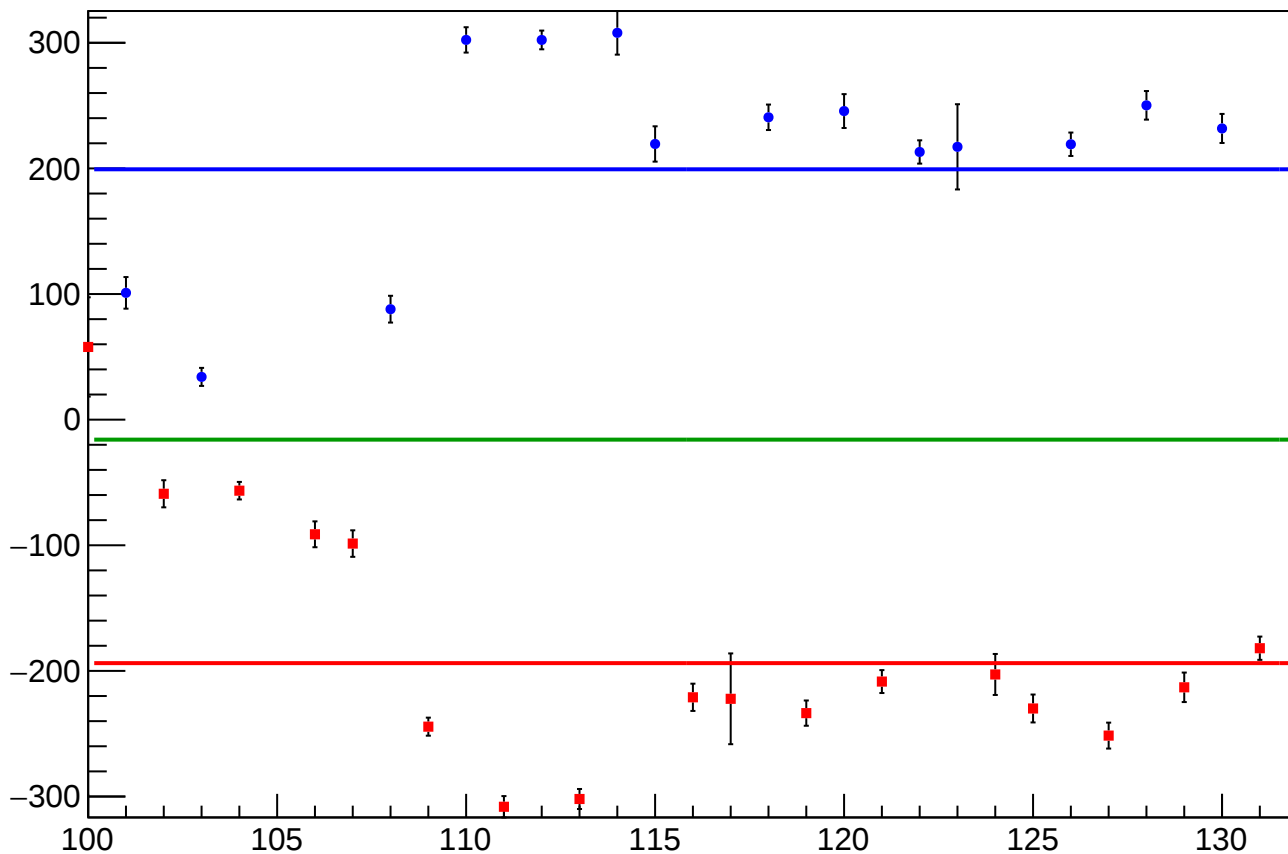
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-117.412 ± 0.101 χ^2/NDF : 115106.5/14

7.579 ± 0.067 χ^2/NDF : 2999533.1/31

107.790 ± 0.090 χ^2/NDF : 103831.8/16

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 199.291 ± 2.679 χ^2/NDF : 1103.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -193.820 ± 2.436 χ^2/NDF : 1250.3/16

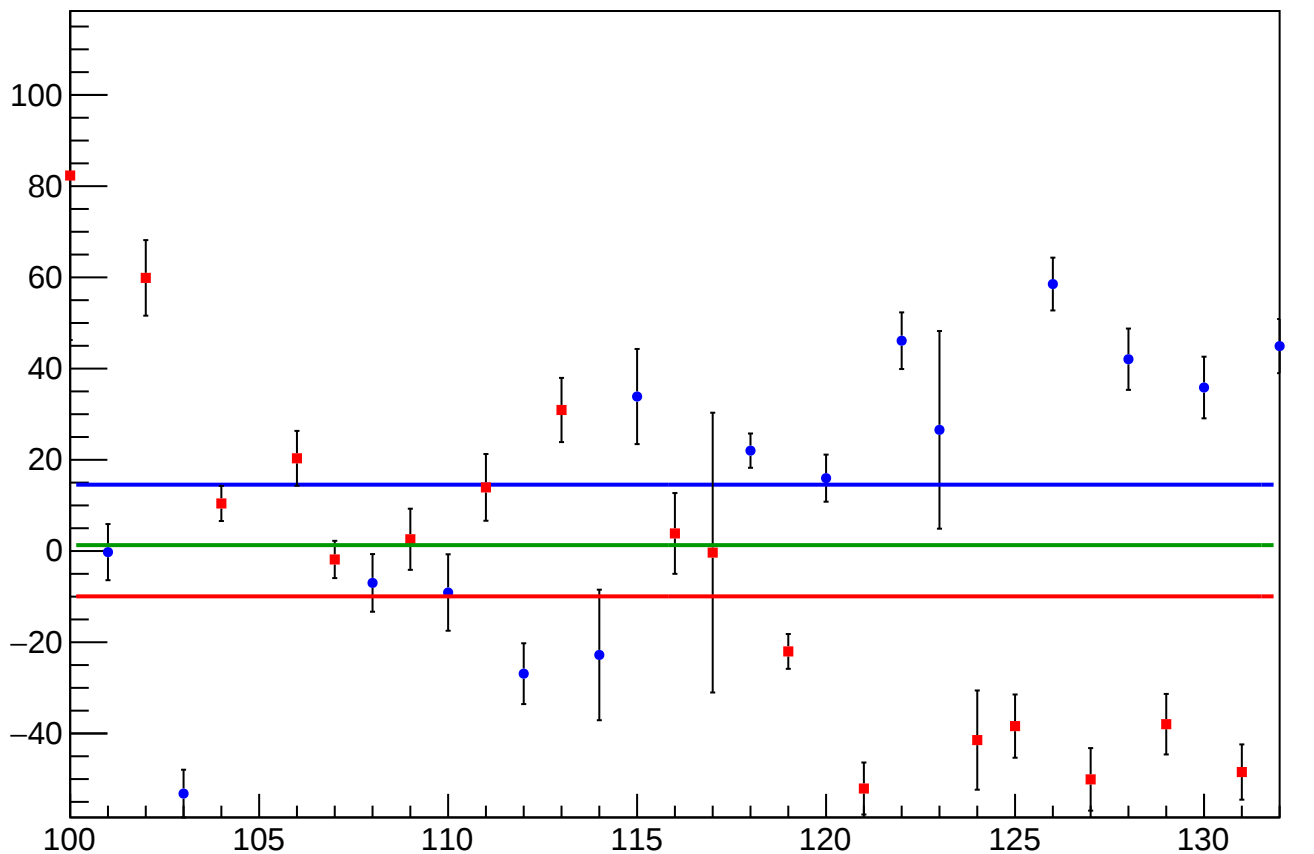
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

199.291 ± 2.679 χ^2/NDF : 1103.6/14

-15.901 ± 1.803 χ^2/NDF : 14137.8/31

-193.820 ± 2.436 χ^2/NDF : 1250.3/16

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.549+/-1.628 χ^2/NDF : 382.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.940+/-1.499 χ^2/NDF : 367.6/16

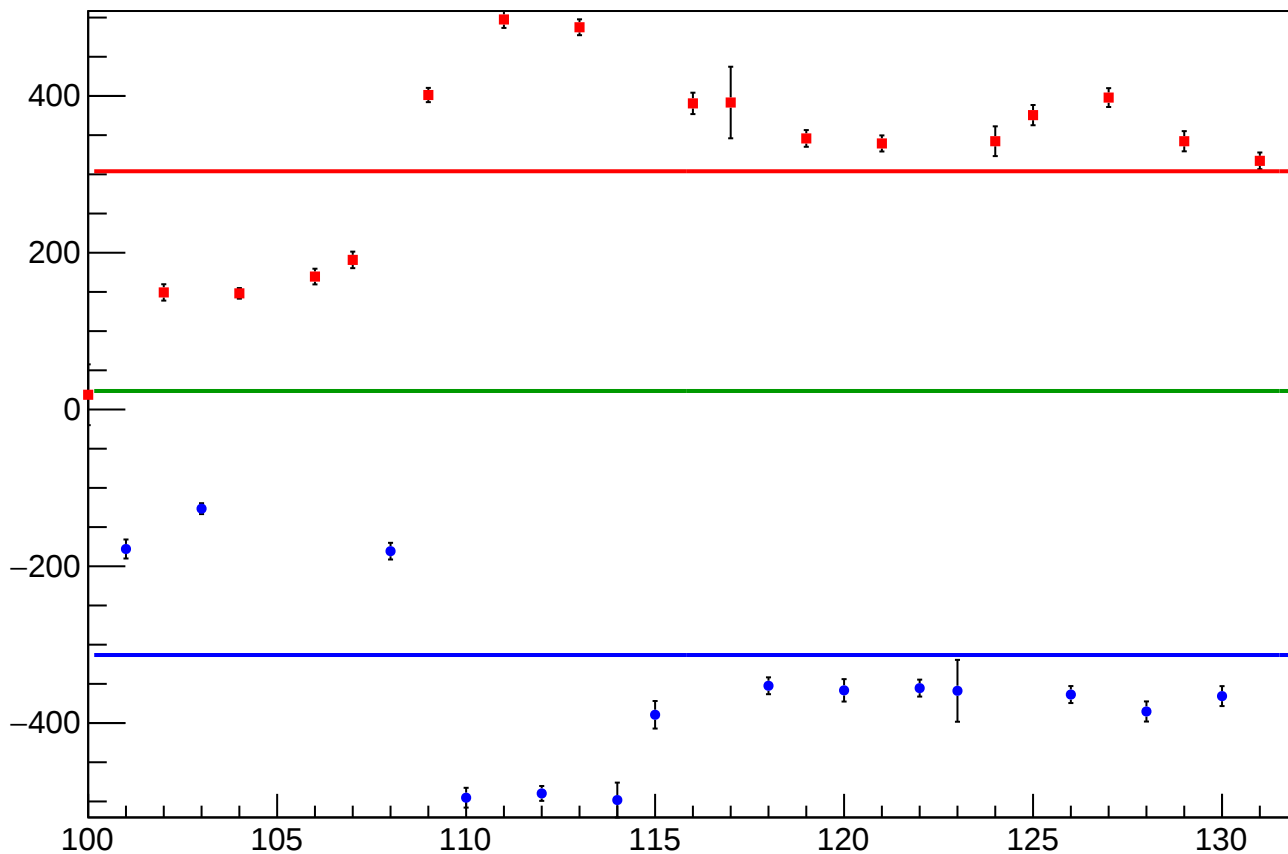
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.549+/-1.628 χ^2/NDF : 382.6/14

1.295+/-1.103 χ^2/NDF : 872.7/31

-9.940+/-1.499 χ^2/NDF : 367.6/16

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -313.184+/-2.973 χ^2 /NDF: 1756.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 303.934+/-2.712 χ^2 /NDF: 2044.2/16

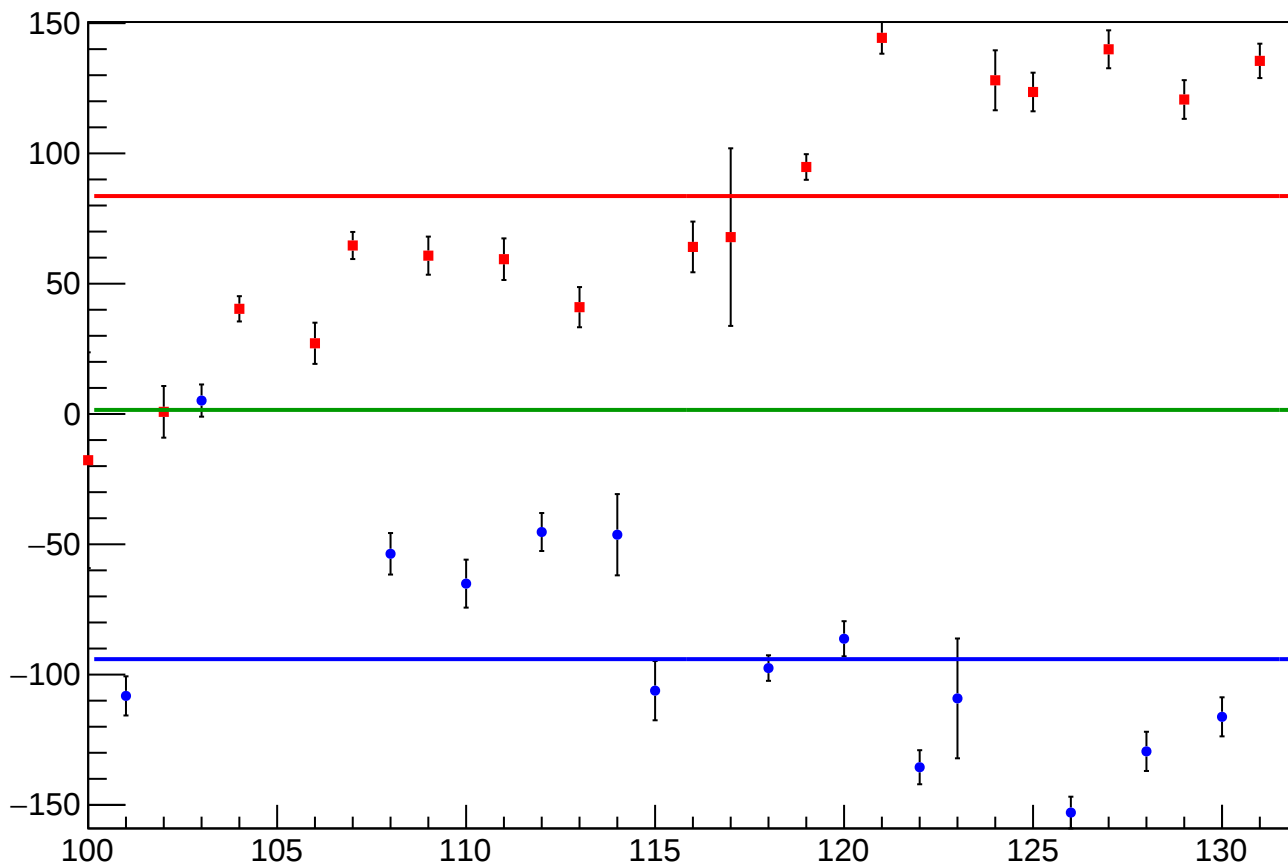
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-313.184+/-2.973 χ^2 /NDF: 1756.8/14

23.629+/-2.004 χ^2 /NDF: 27311.9/31

303.934+/-2.712 χ^2 /NDF: 2044.2/16

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -94.069 $\pm$ 1.899 χ^2 /NDF: 544.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.626 $\pm$ 1.760 χ^2 /NDF: 568.8/16

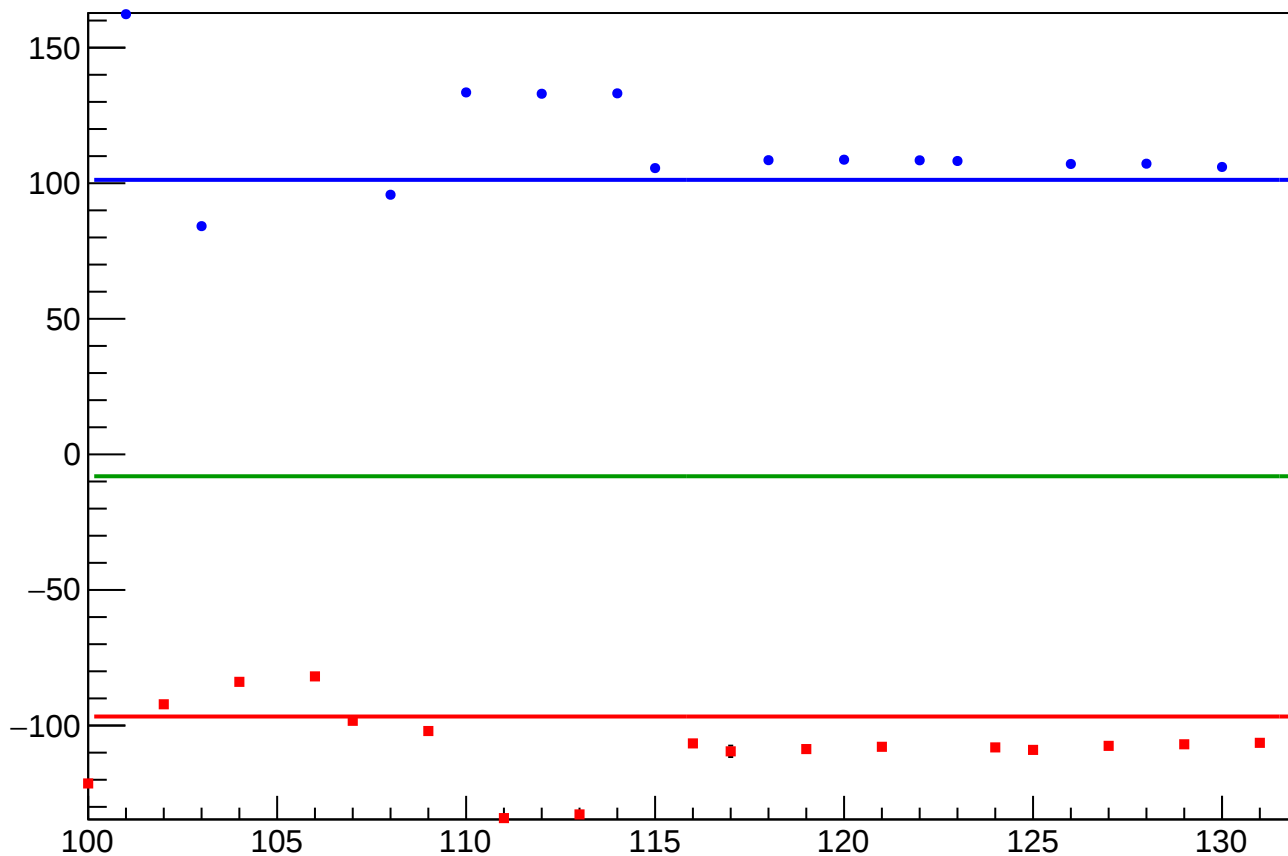
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-94.069 $\pm$ 1.899 χ^2 /NDF: 544.4/14

1.565 $\pm$ 1.291 χ^2 /NDF: 5823.5/31

83.626 $\pm$ 1.760 χ^2 /NDF: 568.8/16

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 101.247 $\pm$ 0.099 χ^2 /NDF: 42500.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.676 $\pm$ 0.089 χ^2 /NDF: 24601.6/16

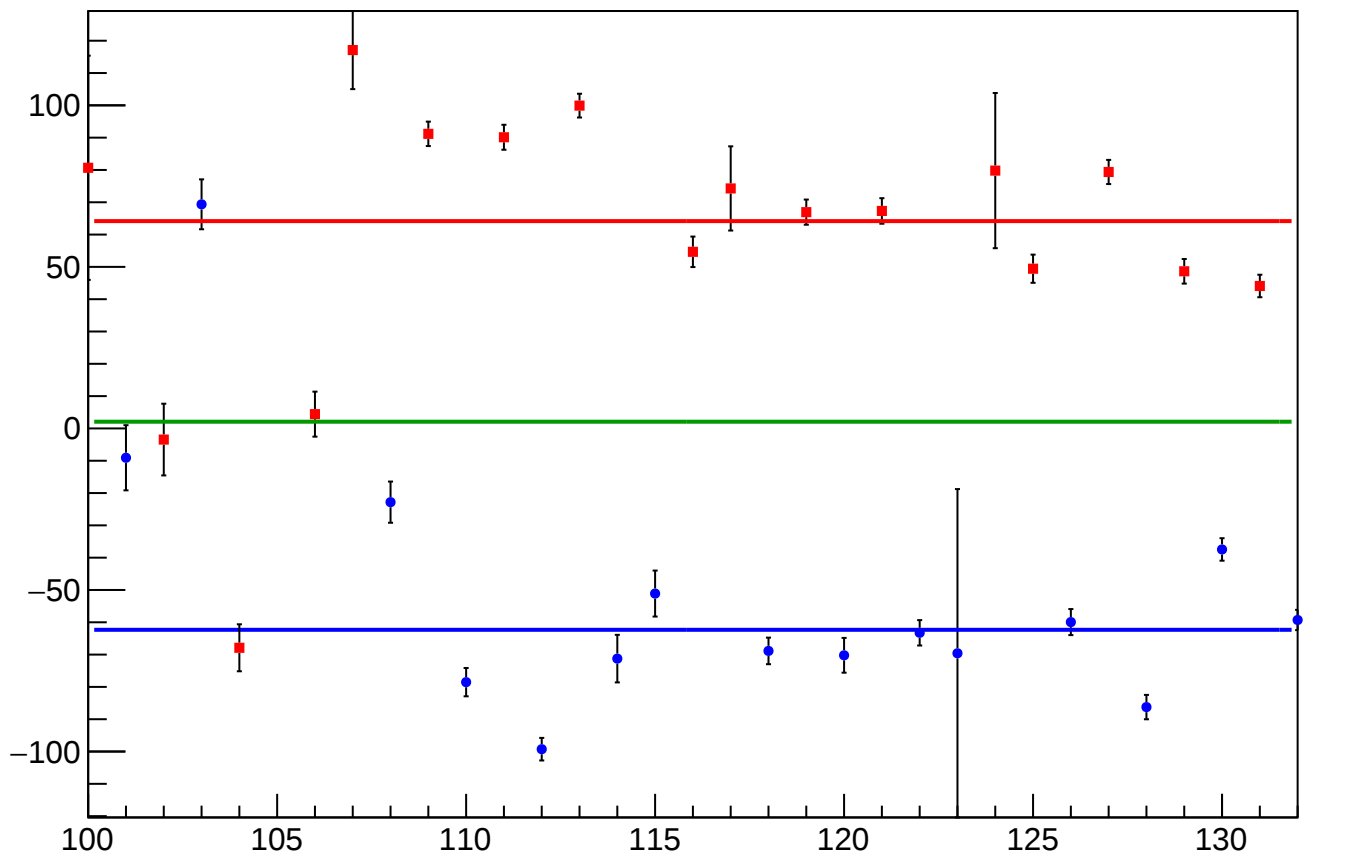
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.247 $\pm$ 0.099 χ^2 /NDF: 42500.3/14

-8.068 $\pm$ 0.066 χ^2 /NDF: 2289458.8/31

-96.676 $\pm$ 0.089 χ^2 /NDF: 24601.6/16

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.326+/-1.197 χ^2/NDF : 583.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.170+/-1.175 χ^2/NDF : 734.6/16

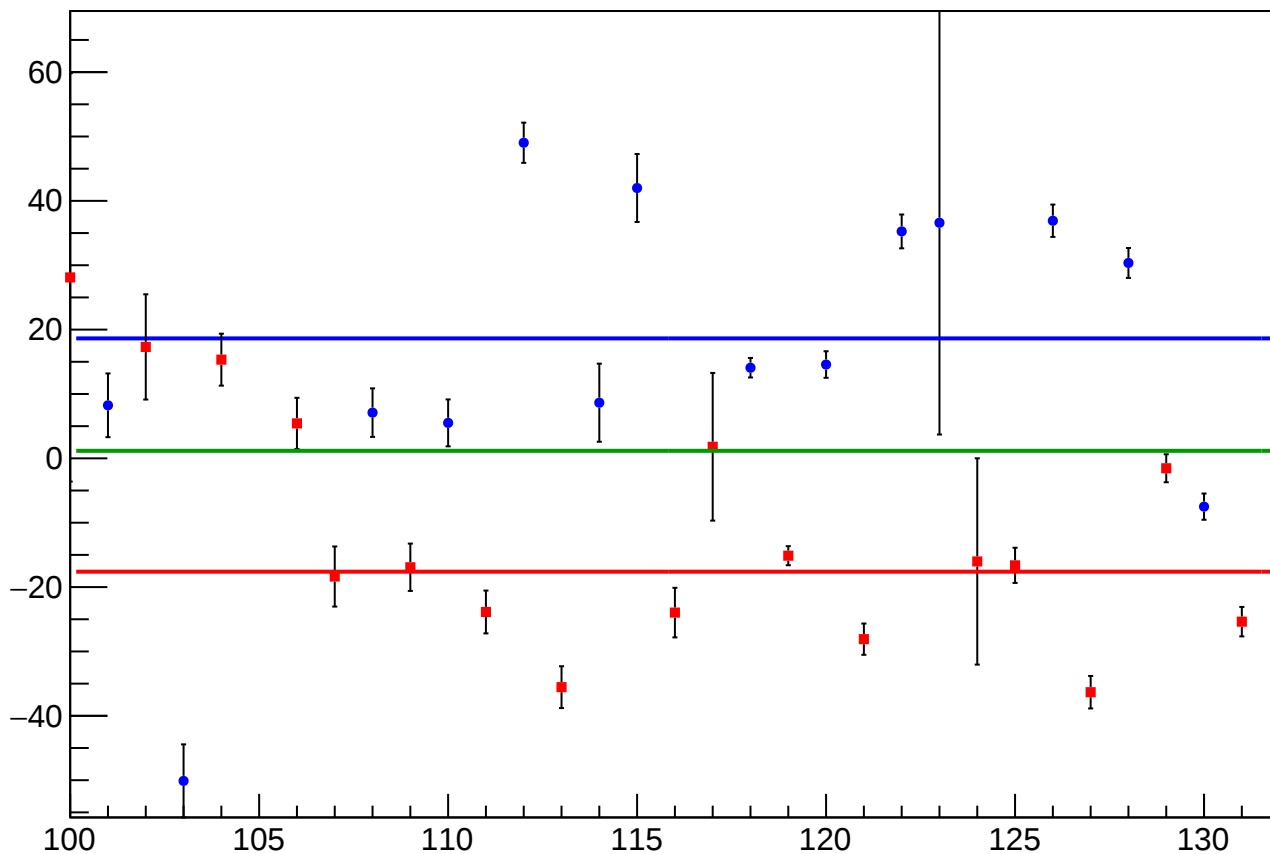
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.326+/-1.197 χ^2/NDF : 583.7/14

2.080+/-0.839 χ^2/NDF : 7005.4/31

64.170+/-1.175 χ^2/NDF : 734.6/16

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.634+/-0.710 χ^2/NDF : 615.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.610+/-0.737 χ^2/NDF : 303.1/16

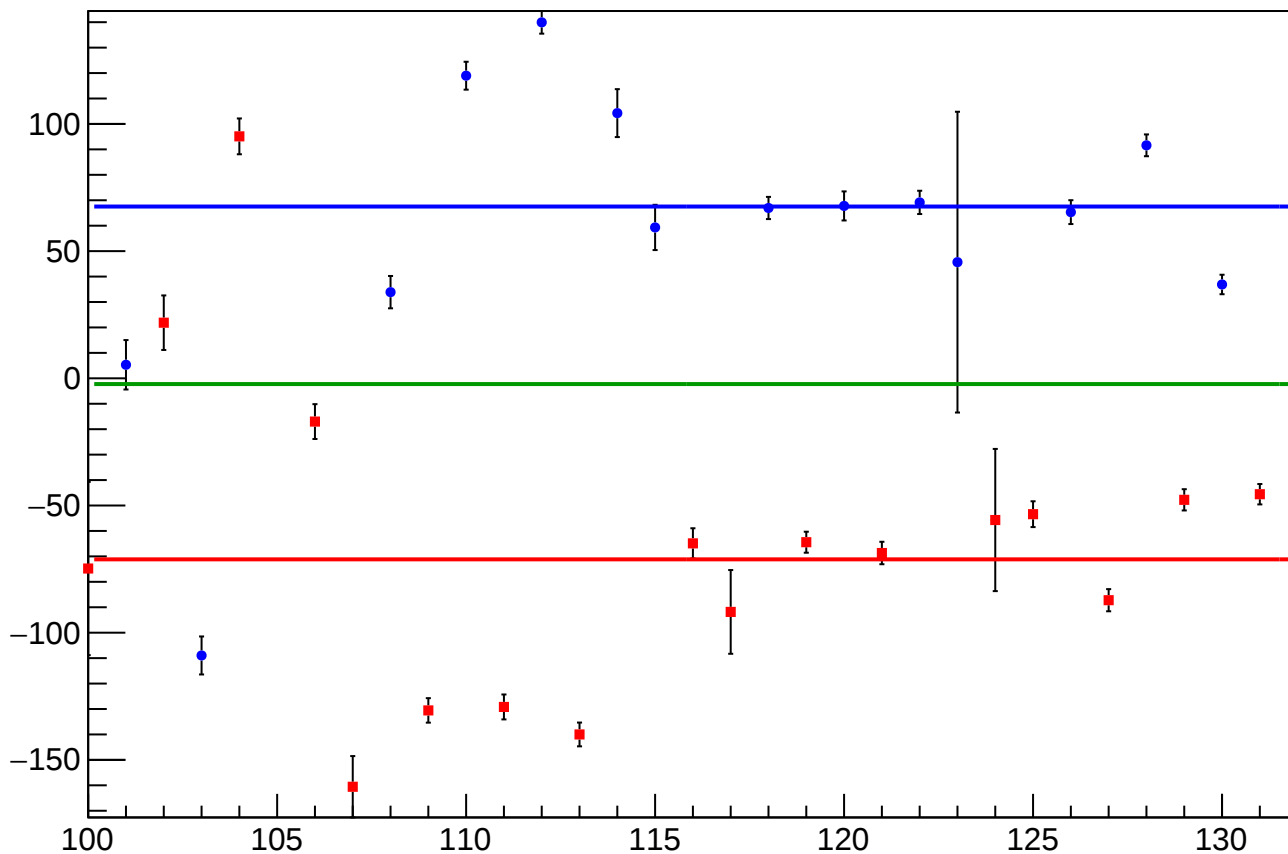
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.634+/-0.710 χ^2/NDF : 615.4/14

1.170+/-0.511 χ^2/NDF : 2173.1/31

-17.610+/-0.737 χ^2/NDF : 303.1/16

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.531+/-1.366 χ^2 /NDF: 1092.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -71.170+/-1.357 χ^2 /NDF: 1363.9/16

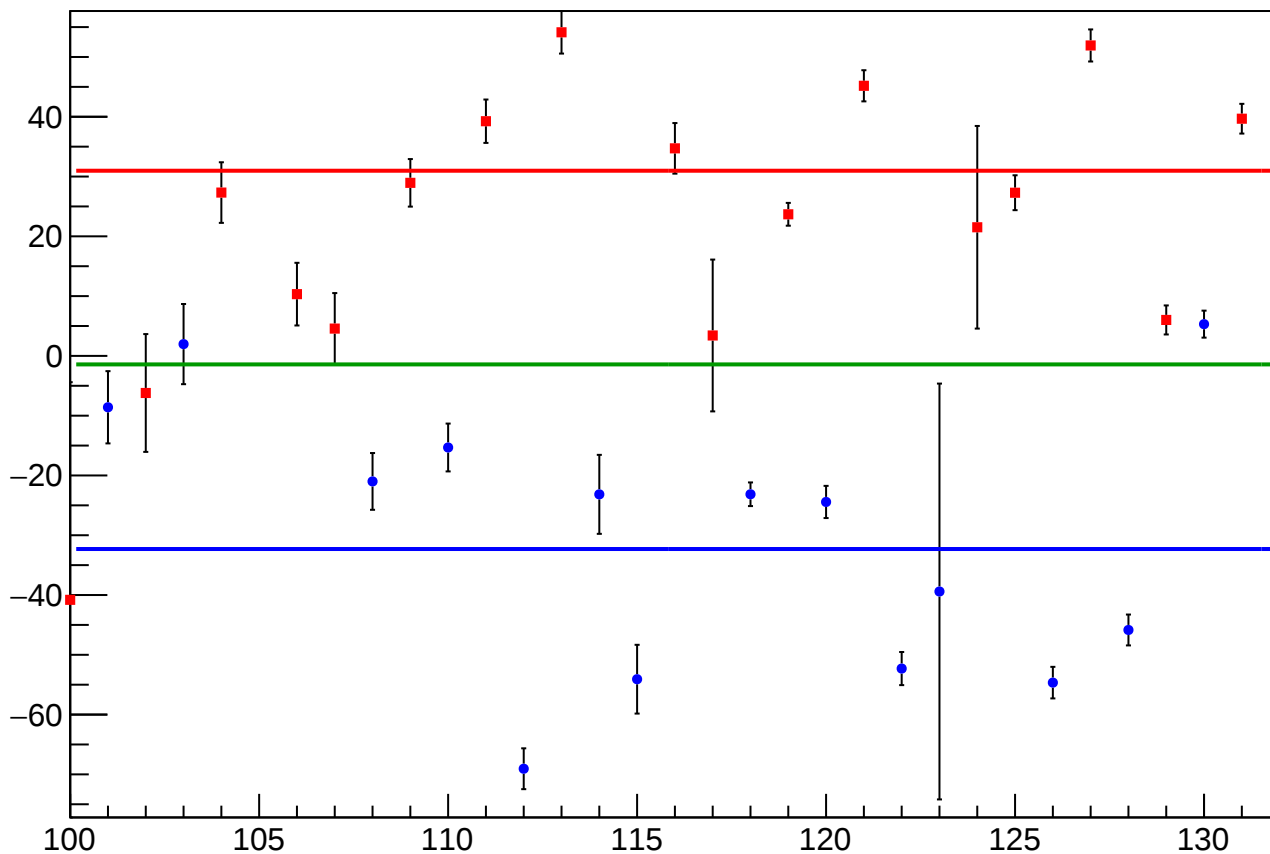
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

67.531+/-1.366 χ^2 /NDF: 1092.6/14

-2.258+/-0.963 χ^2 /NDF: 7647.6/31

-71.170+/-1.357 χ^2 /NDF: 1363.9/16

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.304 ± 0.823 $\chi^2/\text{NDF}: 688.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 30.974 ± 0.843 $\chi^2/\text{NDF}: 332.3/16$

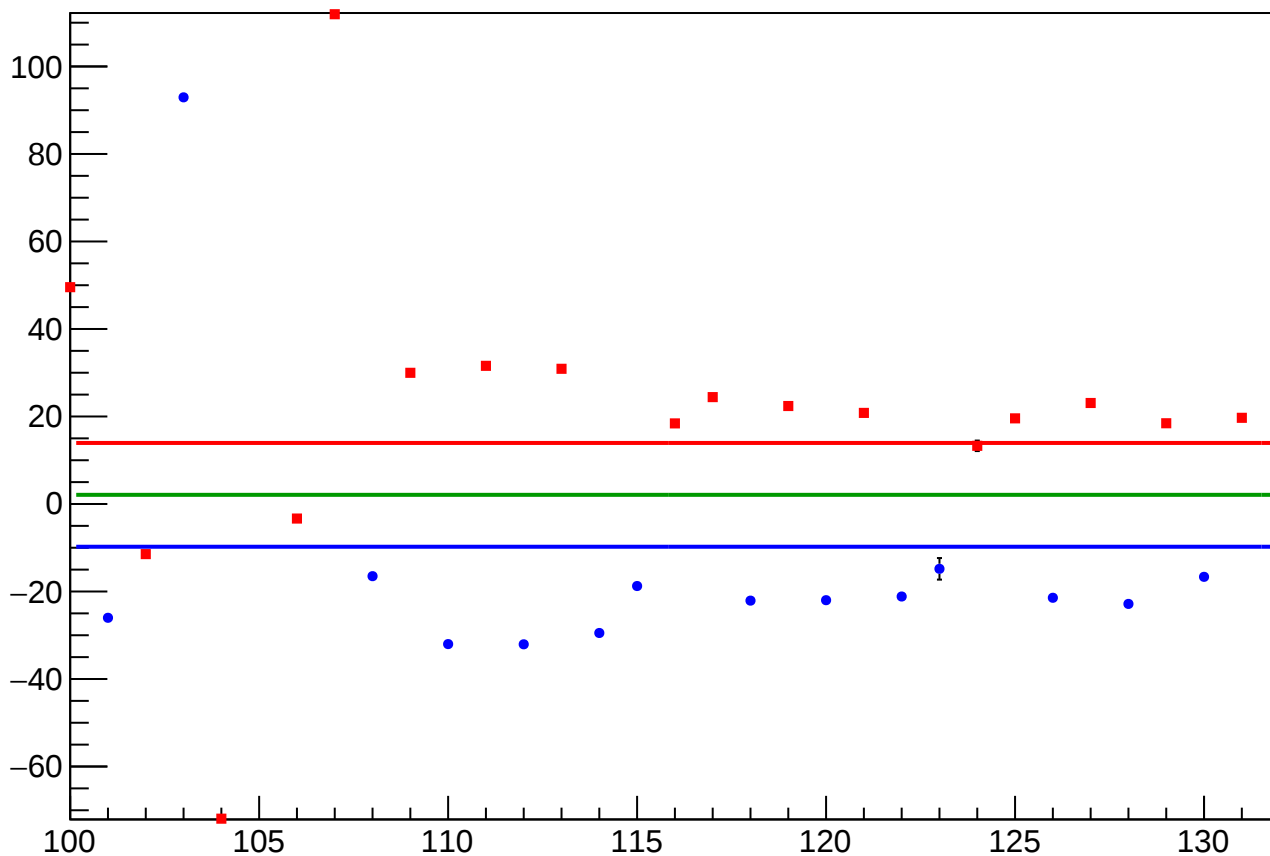
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-32.304 ± 0.823 $\chi^2/\text{NDF}: 688.6/14$

-1.424 ± 0.589 $\chi^2/\text{NDF}: 3907.9/31$

30.974 ± 0.843 $\chi^2/\text{NDF}: 332.3/16$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.770+/-0.054 χ^2/NDF : 427129.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.951+/-0.054 χ^2/NDF : 403538.1/16

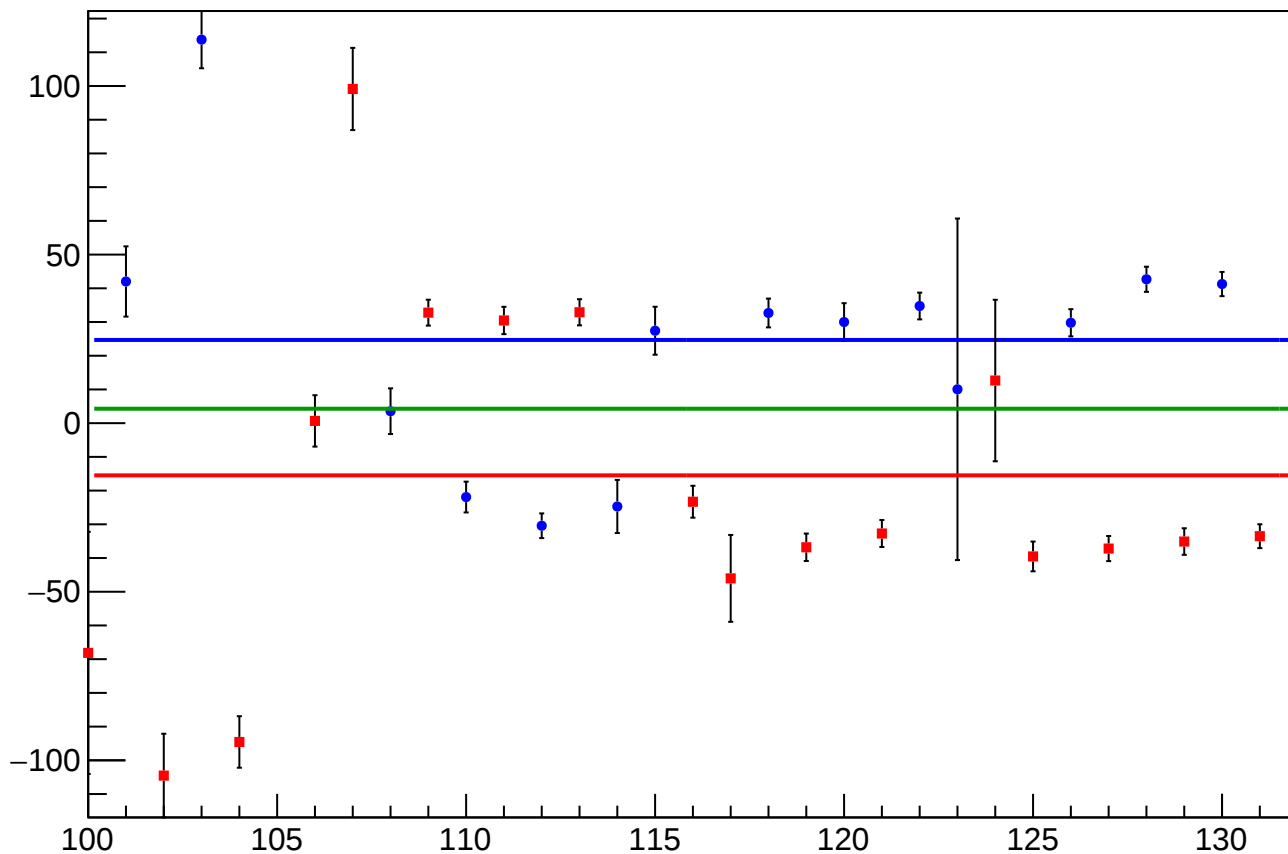
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.770+/-0.054 χ^2/NDF : 427129.7/14

2.093+/-0.038 χ^2/NDF : 926006.0/31

13.951+/-0.054 χ^2/NDF : 403538.1/16

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.684 $\pm$ 1.226 χ^2 /NDF: 590.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.478 $\pm$ 1.207 χ^2 /NDF: 866.1/16

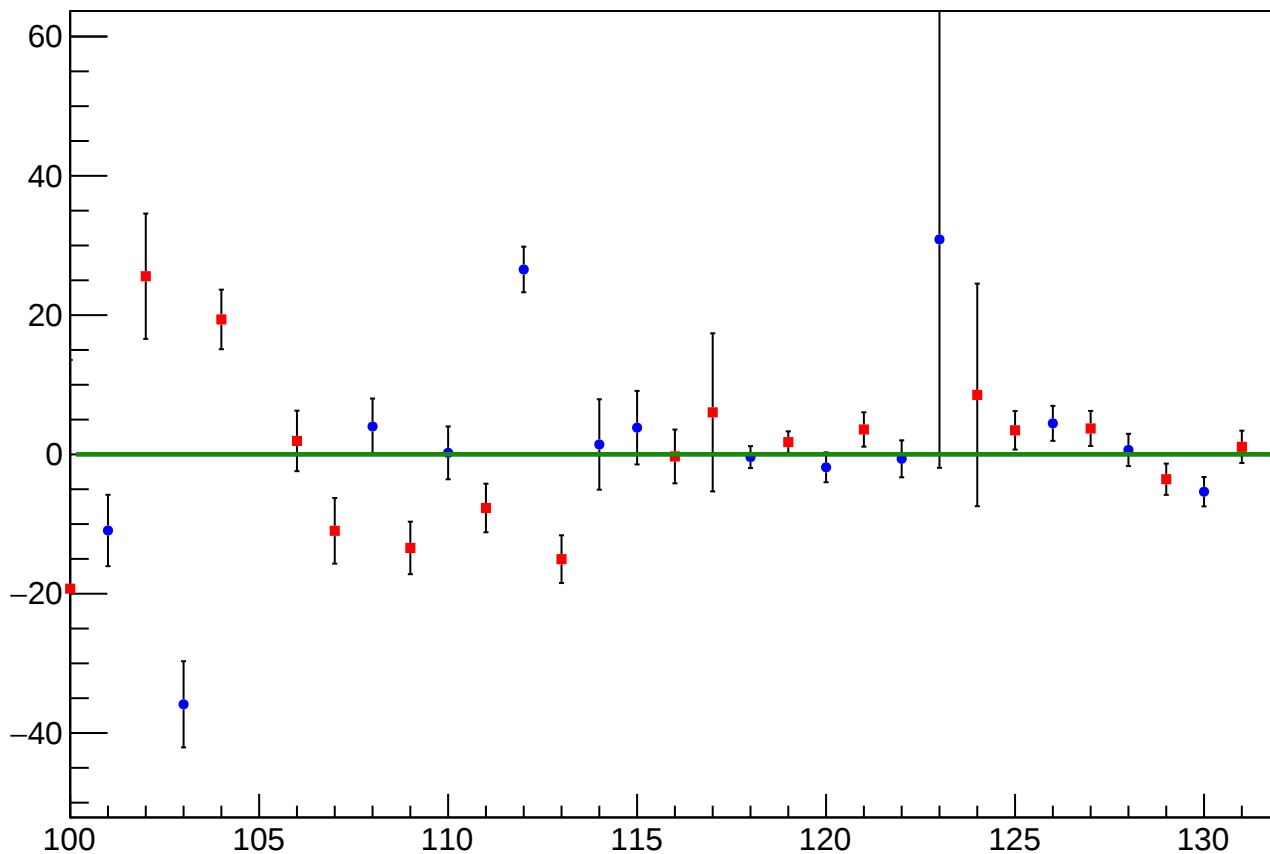
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.684 $\pm$ 1.226 χ^2 /NDF: 590.5/14

4.282 $\pm$ 0.860 χ^2 /NDF: 2001.6/31

-15.478 $\pm$ 1.207 χ^2 /NDF: 866.1/16

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.729 χ^2/NDF : 118.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.758 χ^2/NDF : 81.9/16

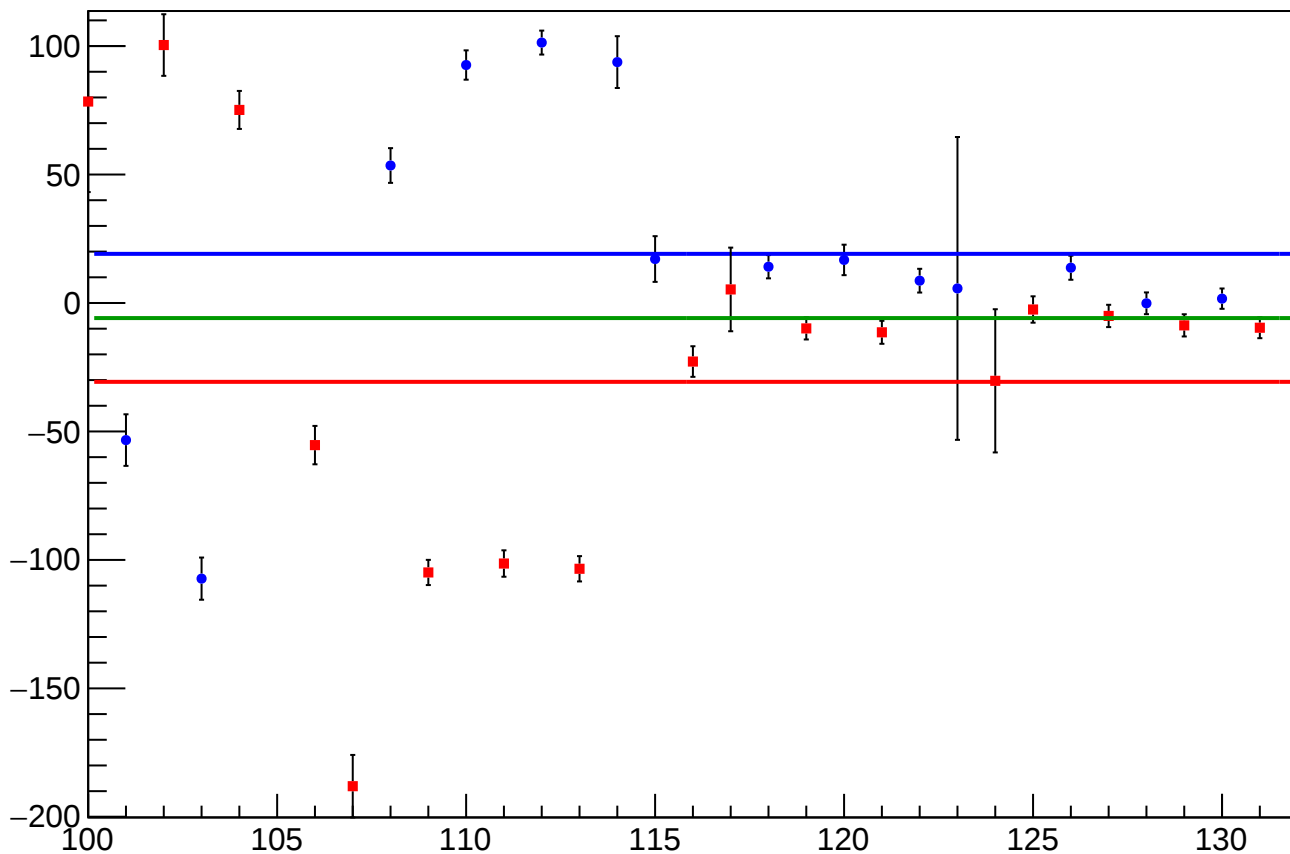
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.729 χ^2/NDF : 118.5/14

0.017+/-0.526 χ^2/NDF : 200.4/31

0.021+/-0.758 χ^2/NDF : 81.9/16

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.126+/-1.400 χ^2 /NDF: 931.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -30.688+/-1.395 χ^2 /NDF: 1314.4/16

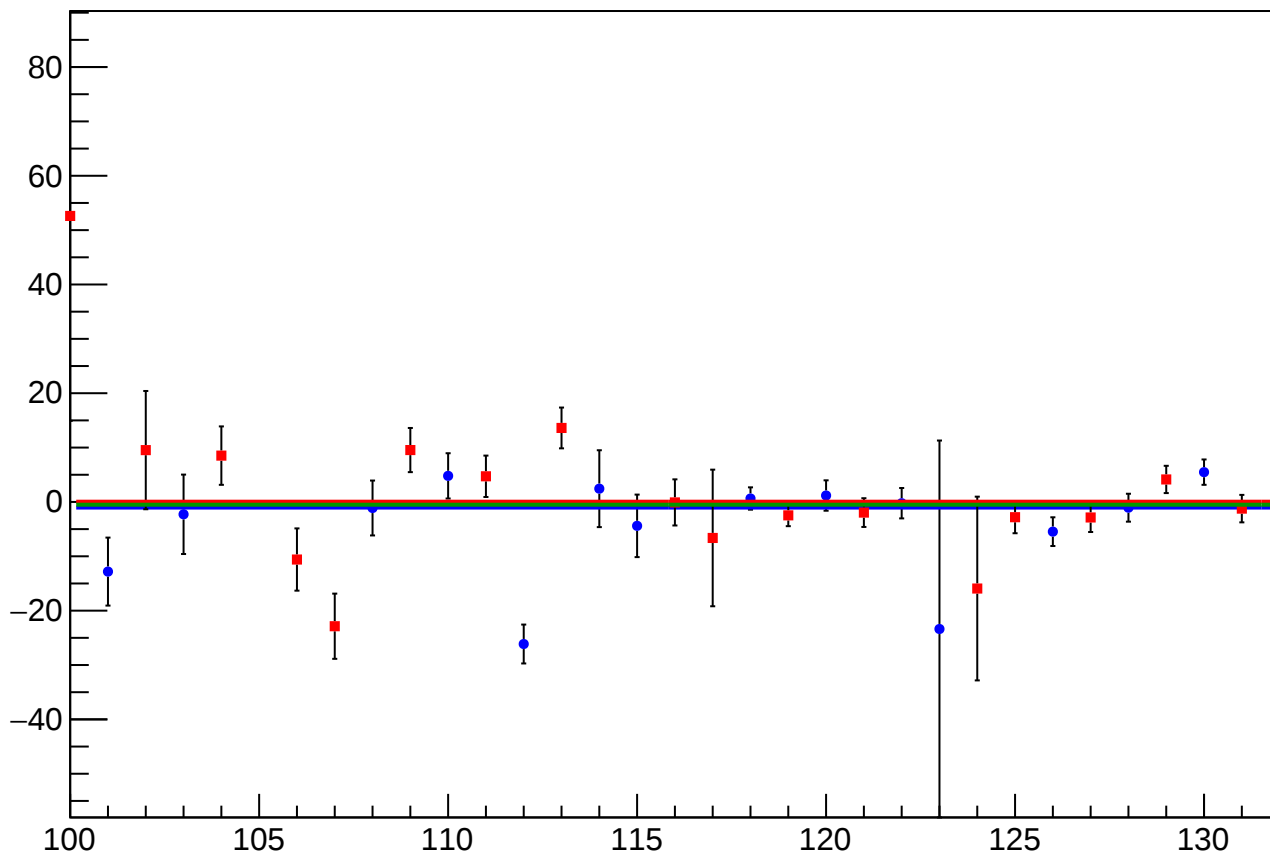
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.126+/-1.400 χ^2 /NDF: 931.9/14

-5.869+/-0.988 χ^2 /NDF: 2881.4/31

-30.688+/-1.395 χ^2 /NDF: 1314.4/16

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.036+/-0.843 χ^2 /NDF: 70.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.044+/-0.866 χ^2 /NDF: 51.7/16

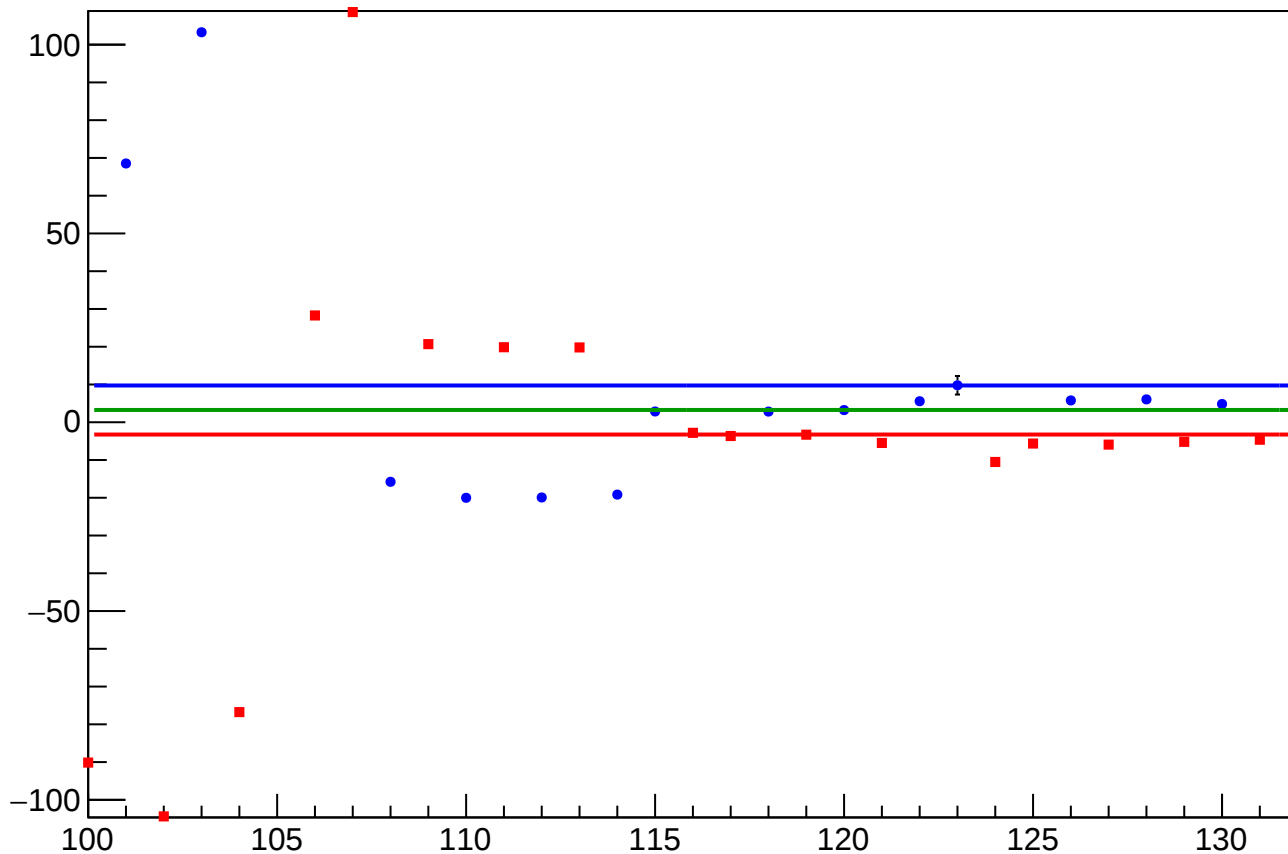
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.036+/-0.843 χ^2 /NDF: 70.4/14

-0.510+/-0.604 χ^2 /NDF: 122.9/31

0.044+/-0.866 χ^2 /NDF: 51.7/16

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.734 ± 0.056 χ^2/NDF : 351586.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.254 ± 0.056 χ^2/NDF : 510461.0/16

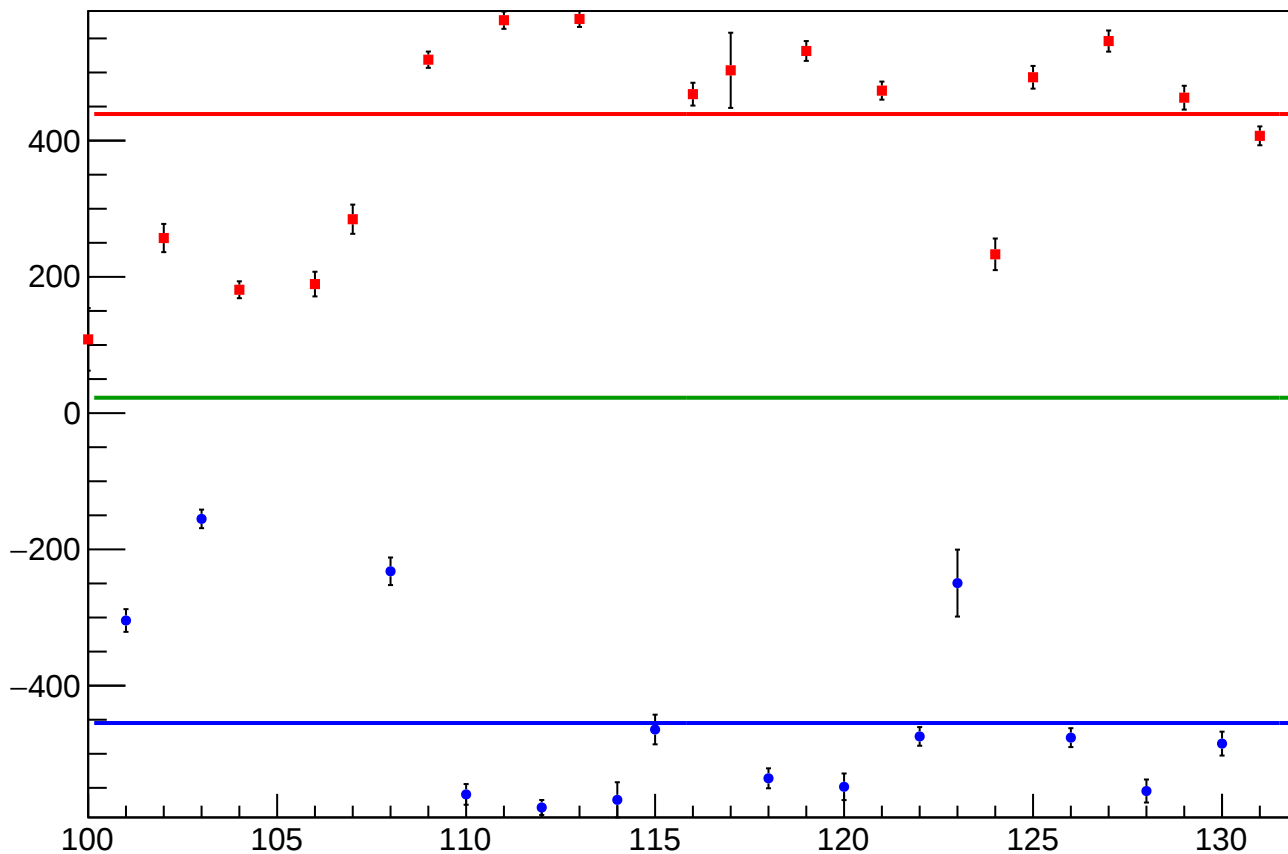
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.734 ± 0.056 χ^2/NDF : 351586.7/14

3.255 ± 0.040 χ^2/NDF : 888680.3/31

-3.254 ± 0.056 χ^2/NDF : 510461.0/16

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -454.834+/-4.121 χ^2 /NDF: 1000.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 439.035+/-3.848 χ^2 /NDF: 1306.7/16

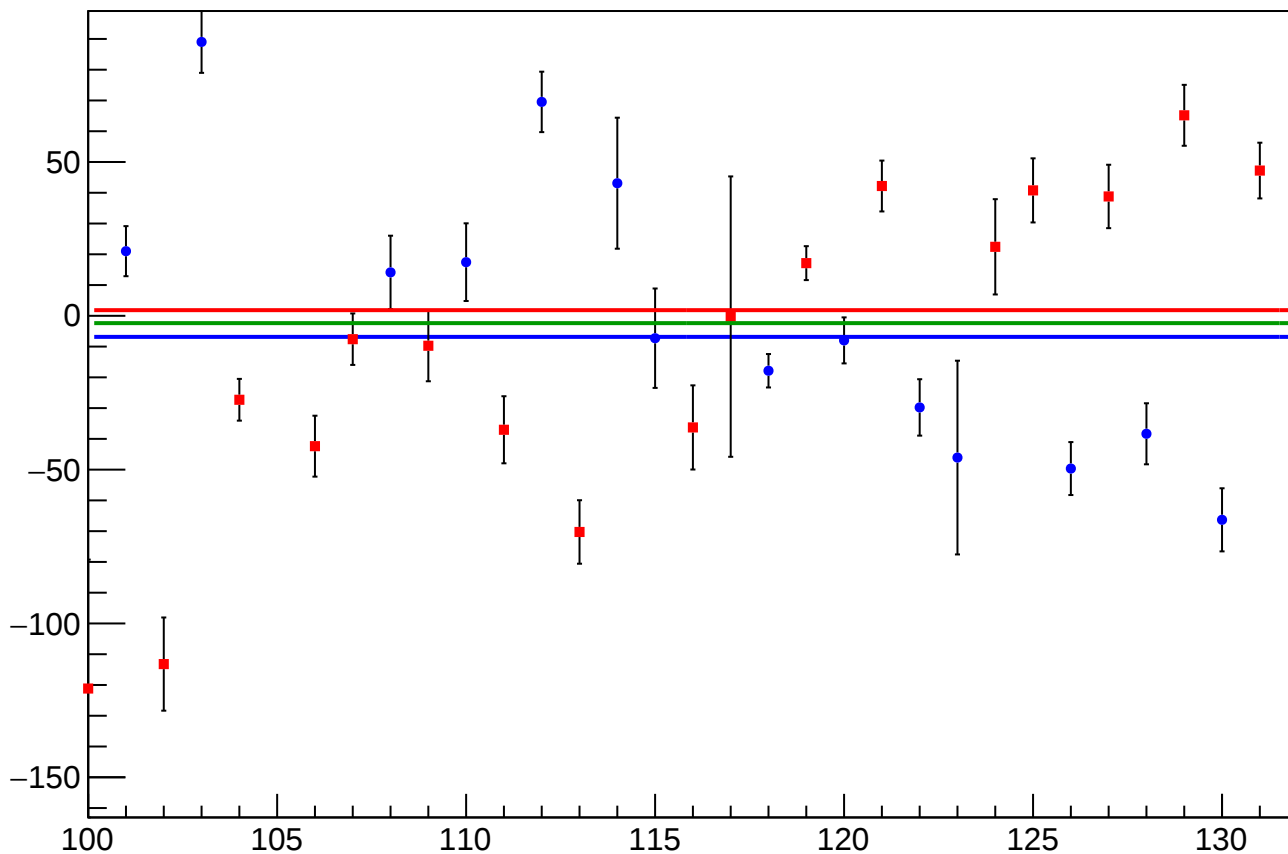
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-454.834+/-4.121 χ^2 /NDF: 1000.1/14

22.612+/-2.812 χ^2 /NDF: 27442.4/31

439.035+/-3.848 χ^2 /NDF: 1306.7/16

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.846+/-2.462 χ^2 /NDF: 268.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.837+/-2.391 χ^2 /NDF: 302.4/16

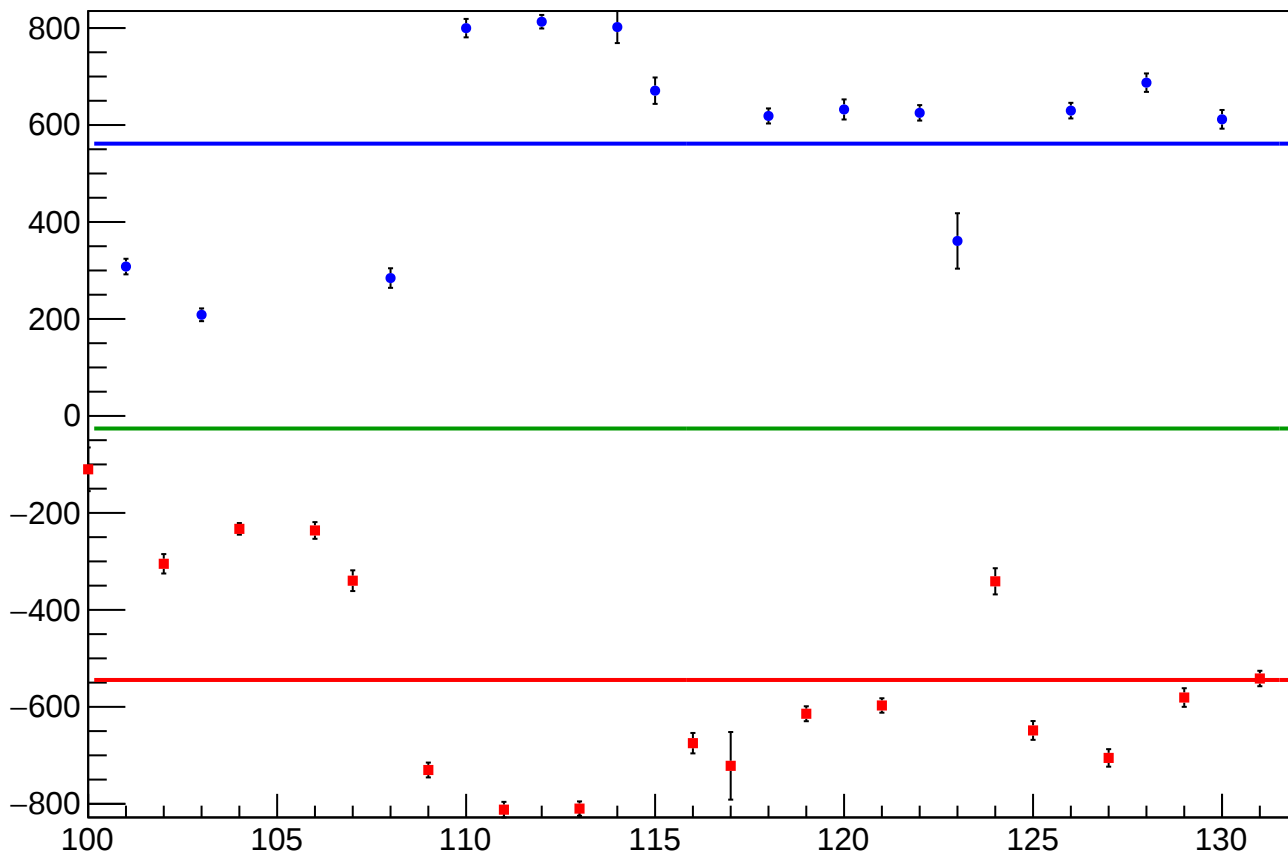
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.846+/-2.462 χ^2 /NDF: 268.8/14

-2.377+/-1.715 χ^2 /NDF: 577.5/31

1.837+/-2.391 χ^2 /NDF: 302.4/16

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 561.576+/-4.617 χ^2/NDF : 1828.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -544.534+/-4.338 χ^2/NDF : 2315.0/16

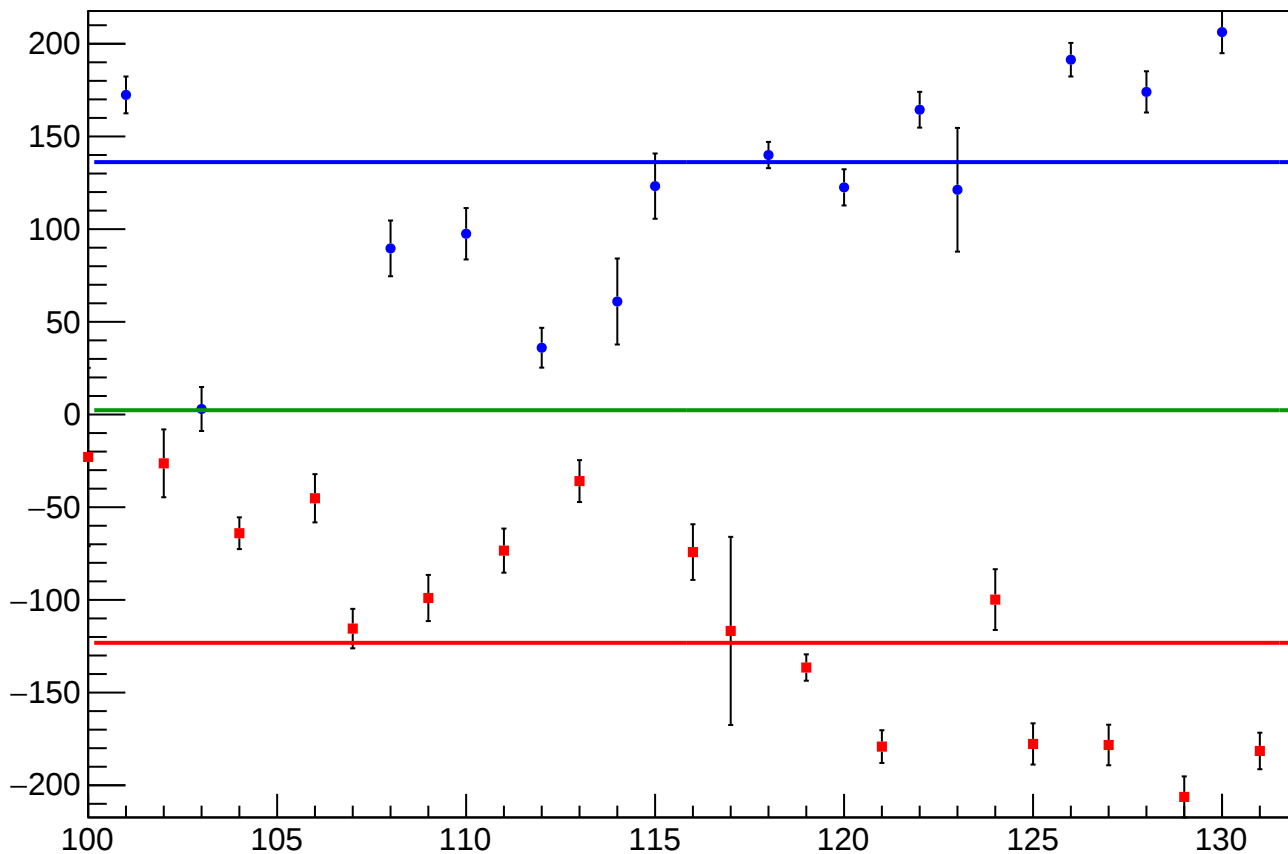
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

561.576+/-4.617 χ^2/NDF : 1828.8/14

-25.926+/-3.161 χ^2/NDF : 34628.5/31

-544.534+/-4.338 χ^2/NDF : 2315.0/16

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 136.158 $\pm$ 2.874 χ^2/NDF : 360.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -123.156 $\pm$ 2.783 χ^2/NDF : 394.2/16

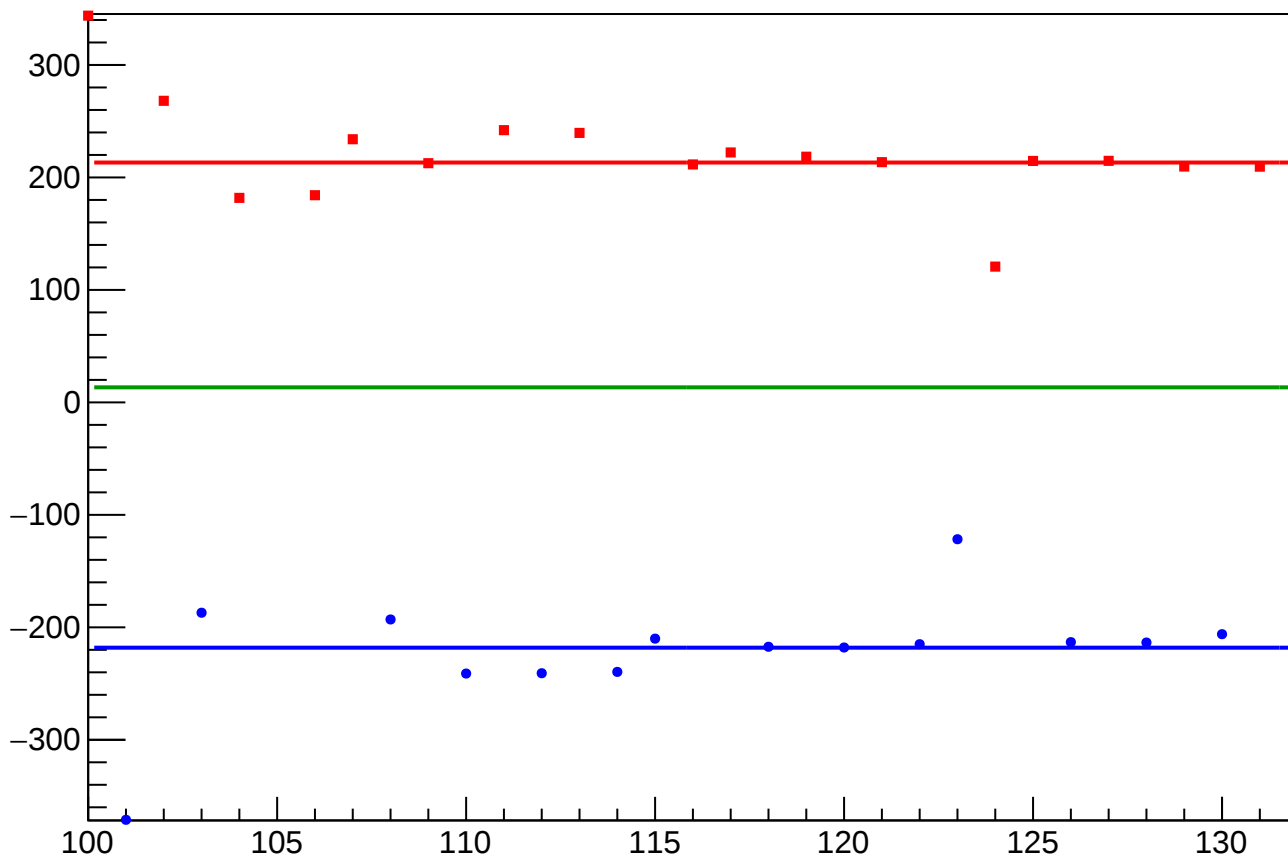
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

136.158 $\pm$ 2.874 χ^2/NDF : 360.5/14

2.326 $\pm$ 1.999 χ^2/NDF : 4956.6/31

-123.156 $\pm$ 2.783 χ^2/NDF : 394.2/16

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -218.087+/-0.165 χ^2 /NDF: 88076.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 213.269+/-0.153 χ^2 /NDF: 46915.3/16

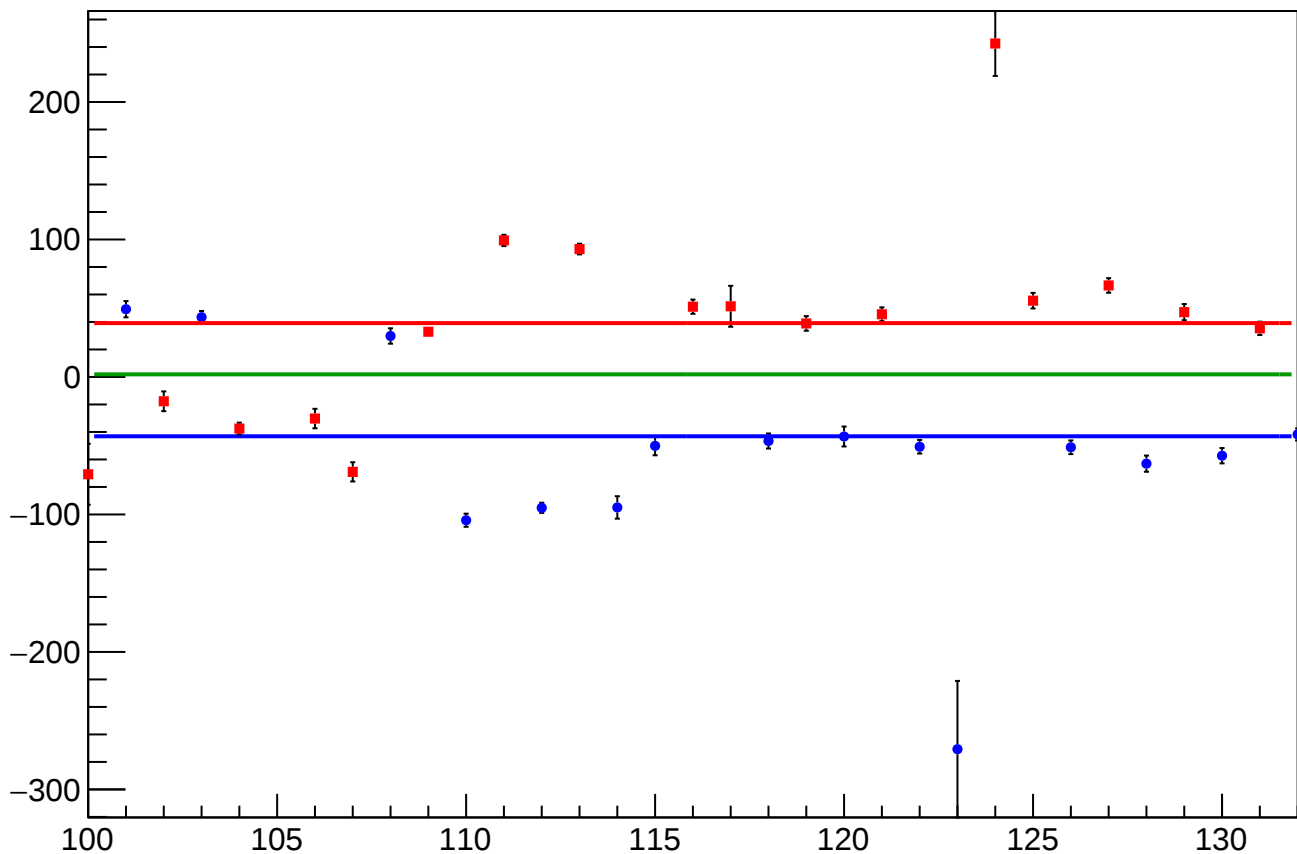
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-218.087+/-0.165 χ^2 /NDF: 88076.9/14

13.386+/-0.112 χ^2 /NDF: 3820839.5/31

213.269+/-0.153 χ^2 /NDF: 46915.3/16

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -43.139 ± 1.401 $\chi^2/\text{NDF}: 1229.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 39.189 ± 1.274 $\chi^2/\text{NDF}: 1272.5/16$

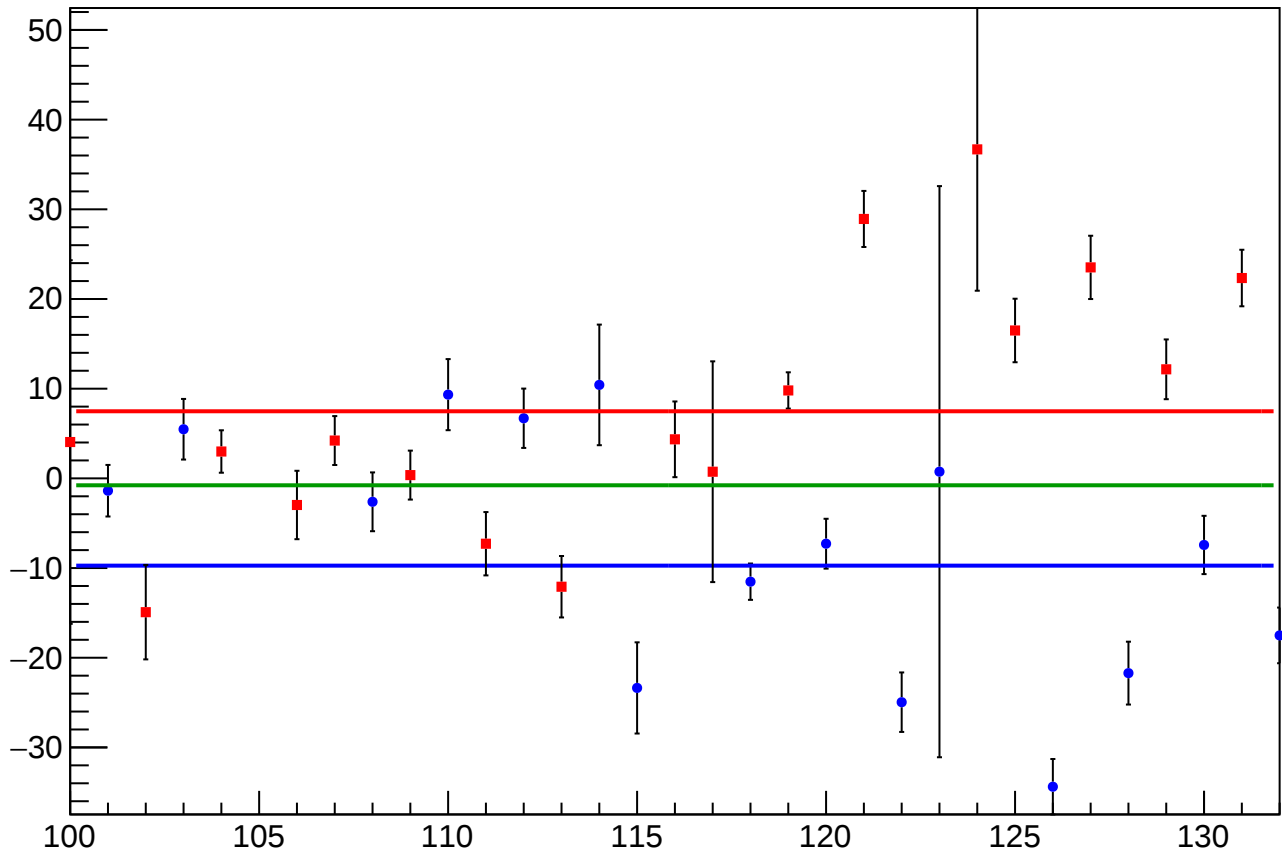
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-43.139 ± 1.401 $\chi^2/\text{NDF}: 1229.8/14$

1.898 ± 0.943 $\chi^2/\text{NDF}: 4392.3/31$

39.189 ± 1.274 $\chi^2/\text{NDF}: 1272.5/16$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.731+/-0.855 χ^2/NDF : 202.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.481+/-0.821 χ^2/NDF : 191.6/16

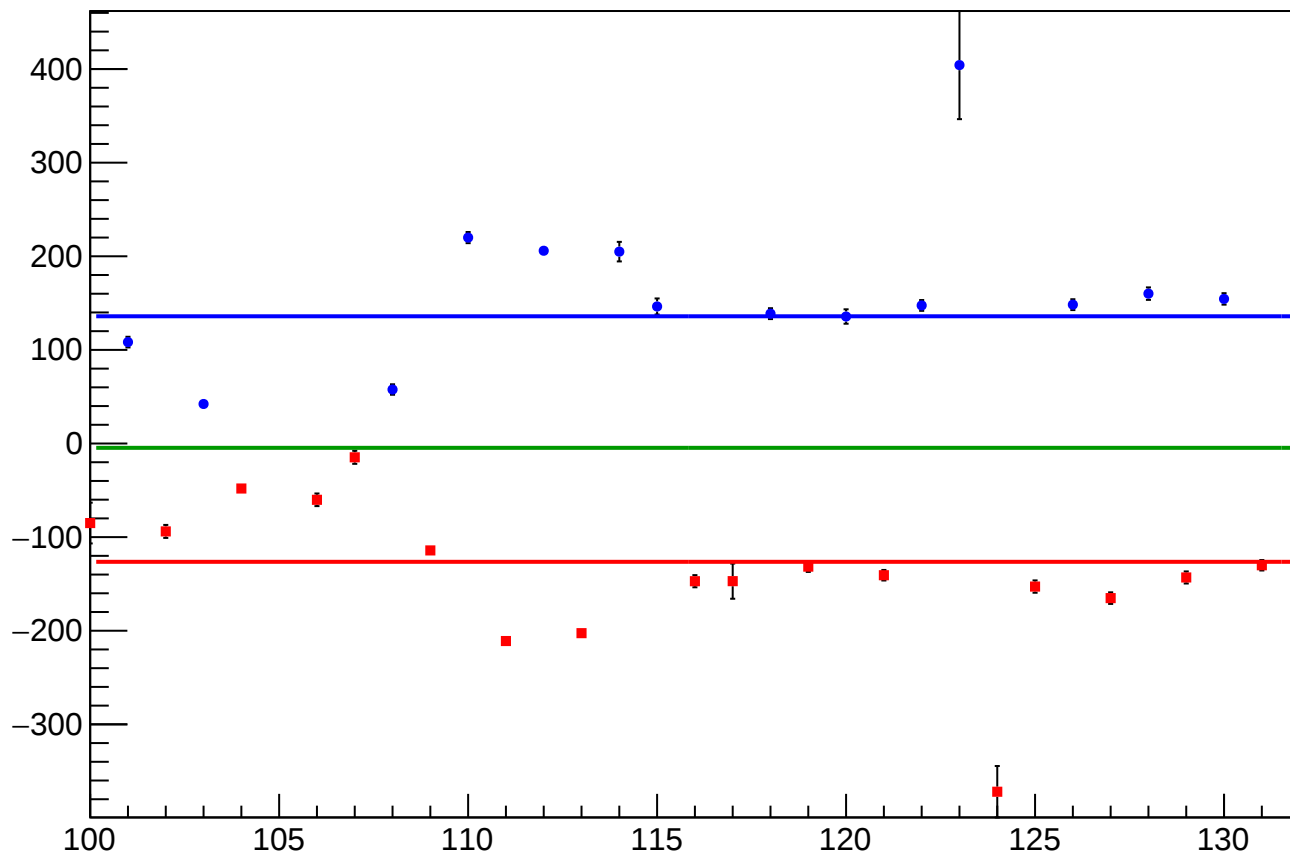
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.731+/-0.855 χ^2/NDF : 202.2/14

-0.771+/-0.592 χ^2/NDF : 604.6/31

7.481+/-0.821 χ^2/NDF : 191.6/16

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.905 $\pm$ 1.569 χ^2 /NDF: 1197.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -126.377 $\pm$ 1.461 χ^2 /NDF: 1406.8/16

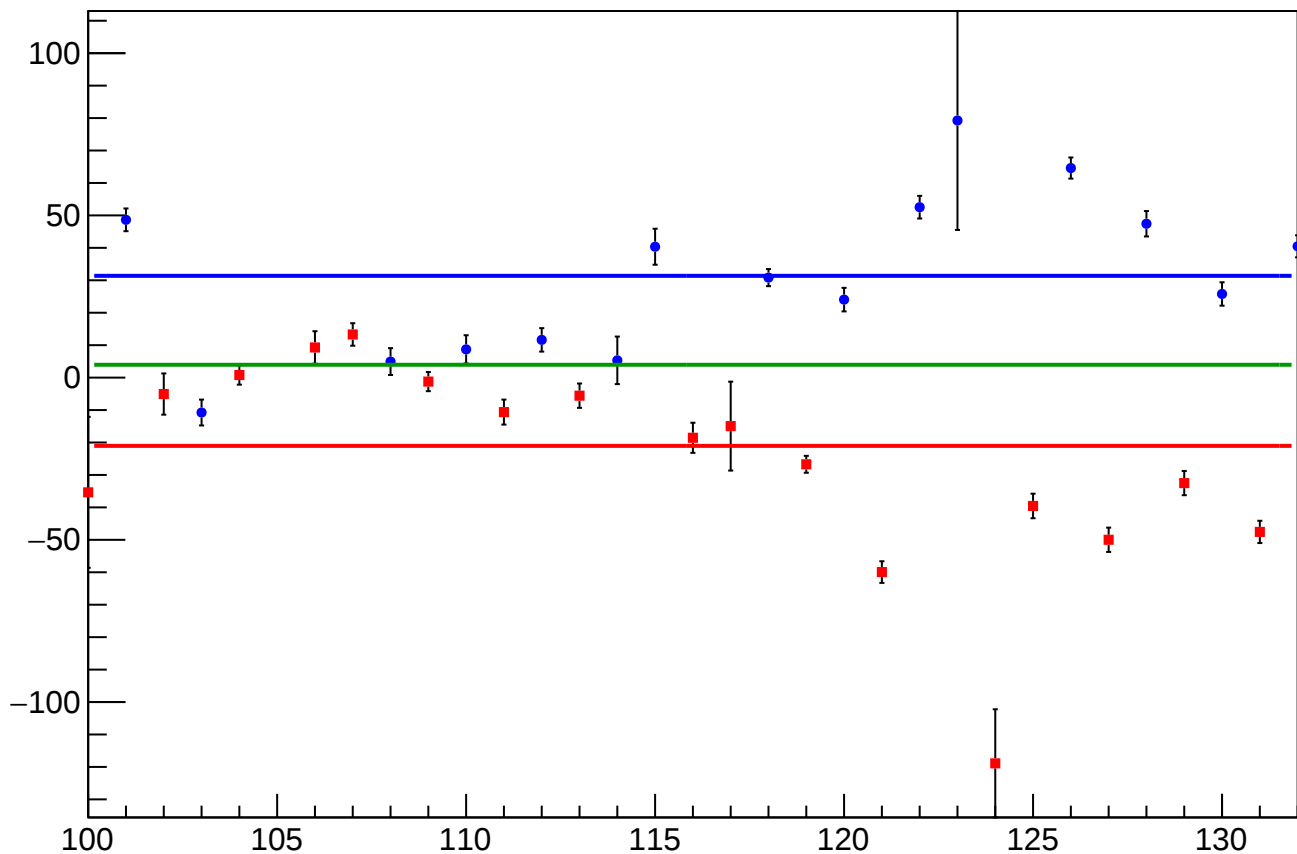
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135.905 $\pm$ 1.569 χ^2 /NDF: 1197.3/14

-4.619 $\pm$ 1.069 χ^2 /NDF: 17566.9/31

-126.377 $\pm$ 1.461 χ^2 /NDF: 1406.8/16

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.376+/-0.996 χ^2/NDF : 422.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.034+/-0.951 χ^2/NDF : 593.2/16

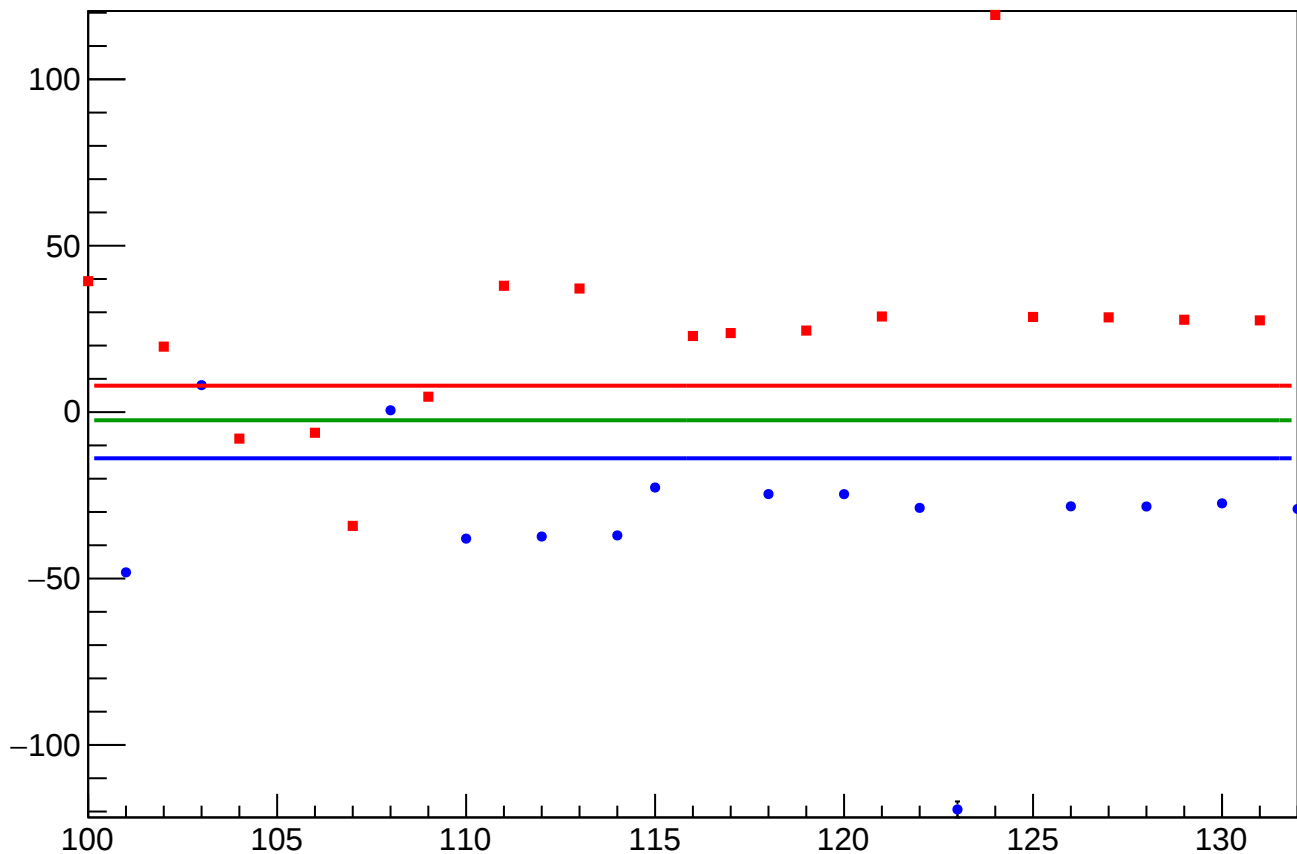
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.376+/-0.996 χ^2/NDF : 422.3/14

3.963+/-0.688 χ^2/NDF : 2464.5/31

-21.034+/-0.951 χ^2/NDF : 593.2/16

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.870 $\pm$ 0.055 χ^2 /NDF: 133440.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.948 $\pm$ 0.052 χ^2 /NDF: 181538.4/16

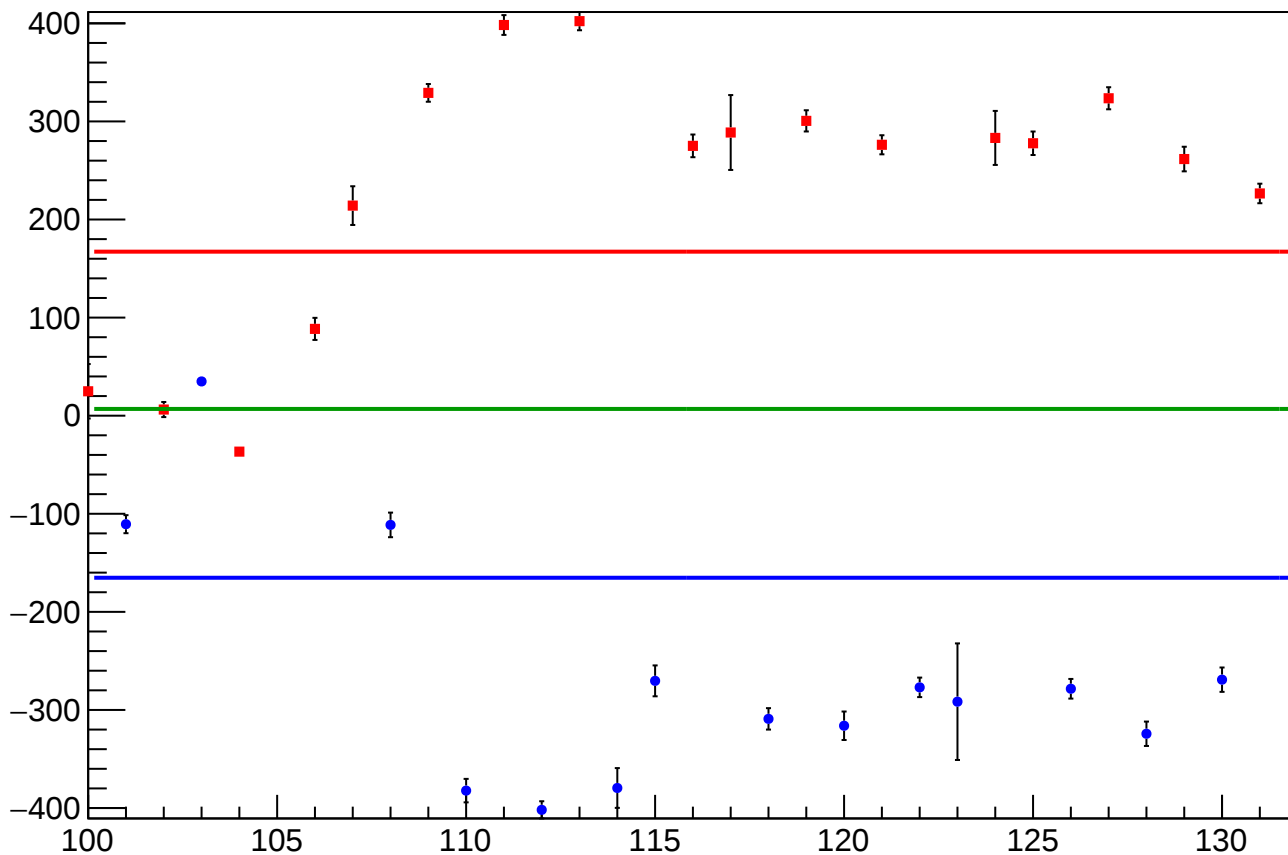
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-13.870 $\pm$ 0.055 χ^2 /NDF: 133440.1/14

-2.444 $\pm$ 0.038 χ^2 /NDF: 398905.2/31

7.948 $\pm$ 0.052 χ^2 /NDF: 181538.4/16

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -165.223+/-2.500 χ^2/NDF : 4397.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.220+/-2.413 χ^2/NDF : 4828.0/16

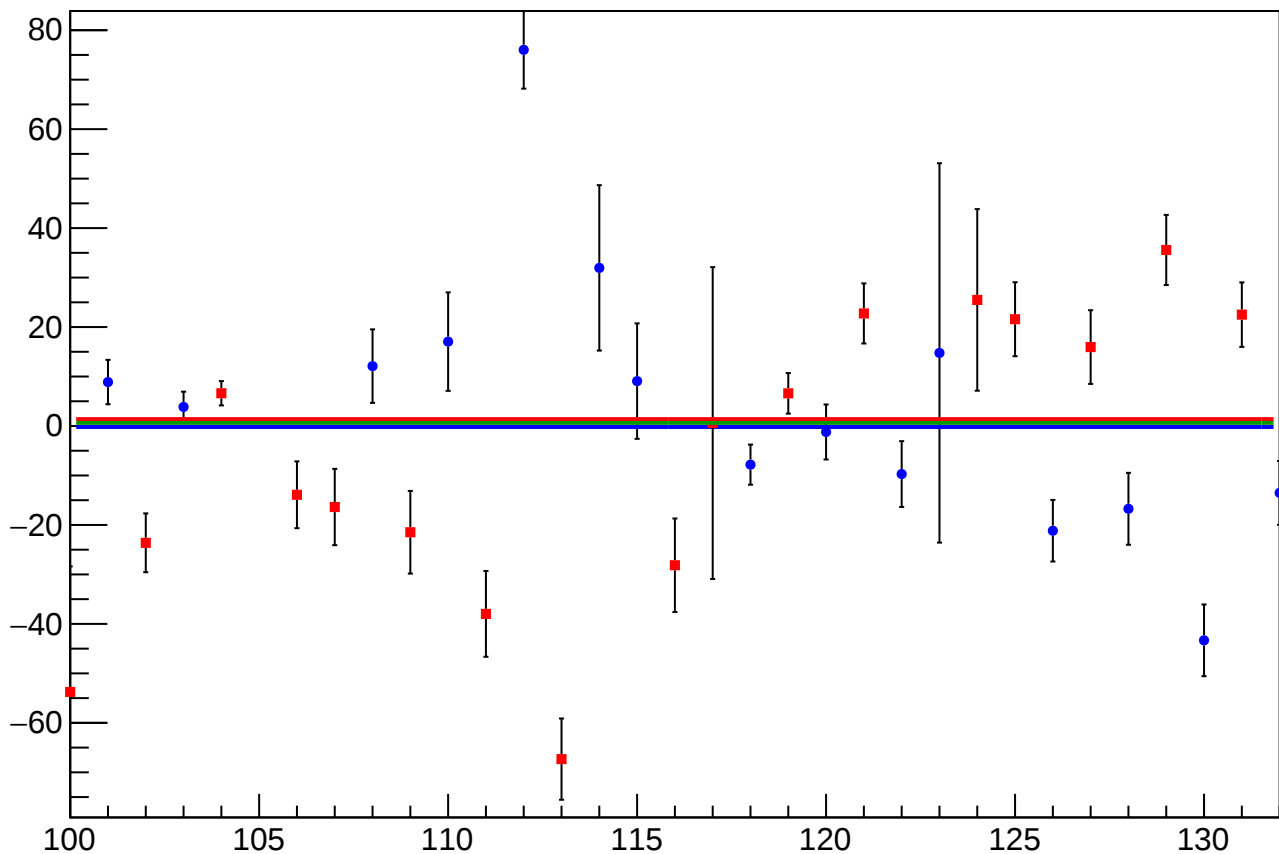
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-165.223+/-2.500 χ^2/NDF : 4397.5/14

6.885+/-1.736 χ^2/NDF : 18383.6/31

167.220+/-2.413 χ^2/NDF : 4828.0/16

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.194 ± 1.553 $\chi^2/\text{NDF}: 172.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.390 ± 1.478 $\chi^2/\text{NDF}: 205.8/16$

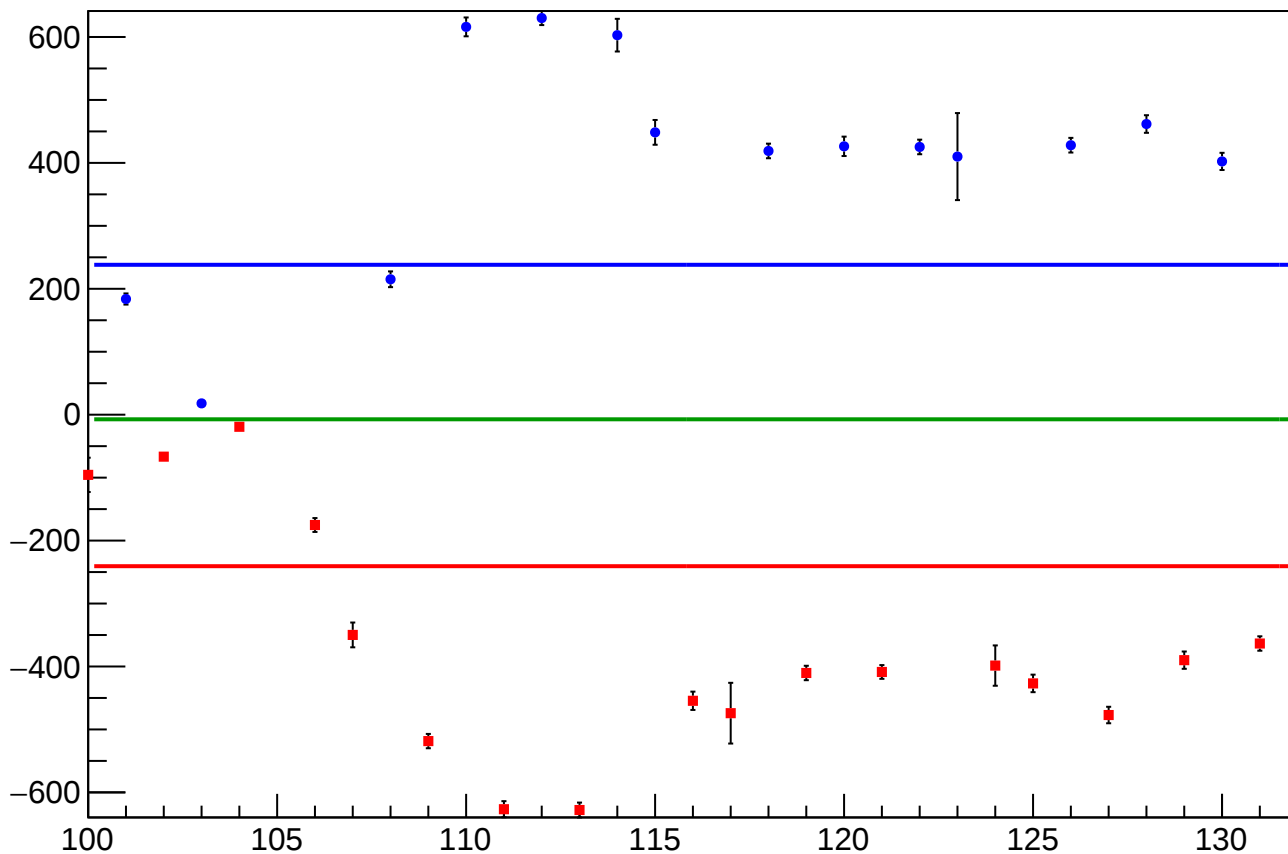
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.194 ± 1.553 $\chi^2/\text{NDF}: 172.3/14$

0.637 ± 1.071 $\chi^2/\text{NDF}: 378.6/31$

1.390 ± 1.478 $\chi^2/\text{NDF}: 205.8/16$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 238.114 $\pm$ 2.647 χ^2 /NDF: 6704.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -240.676 $\pm$ 2.581 χ^2 /NDF: 7274.9/16

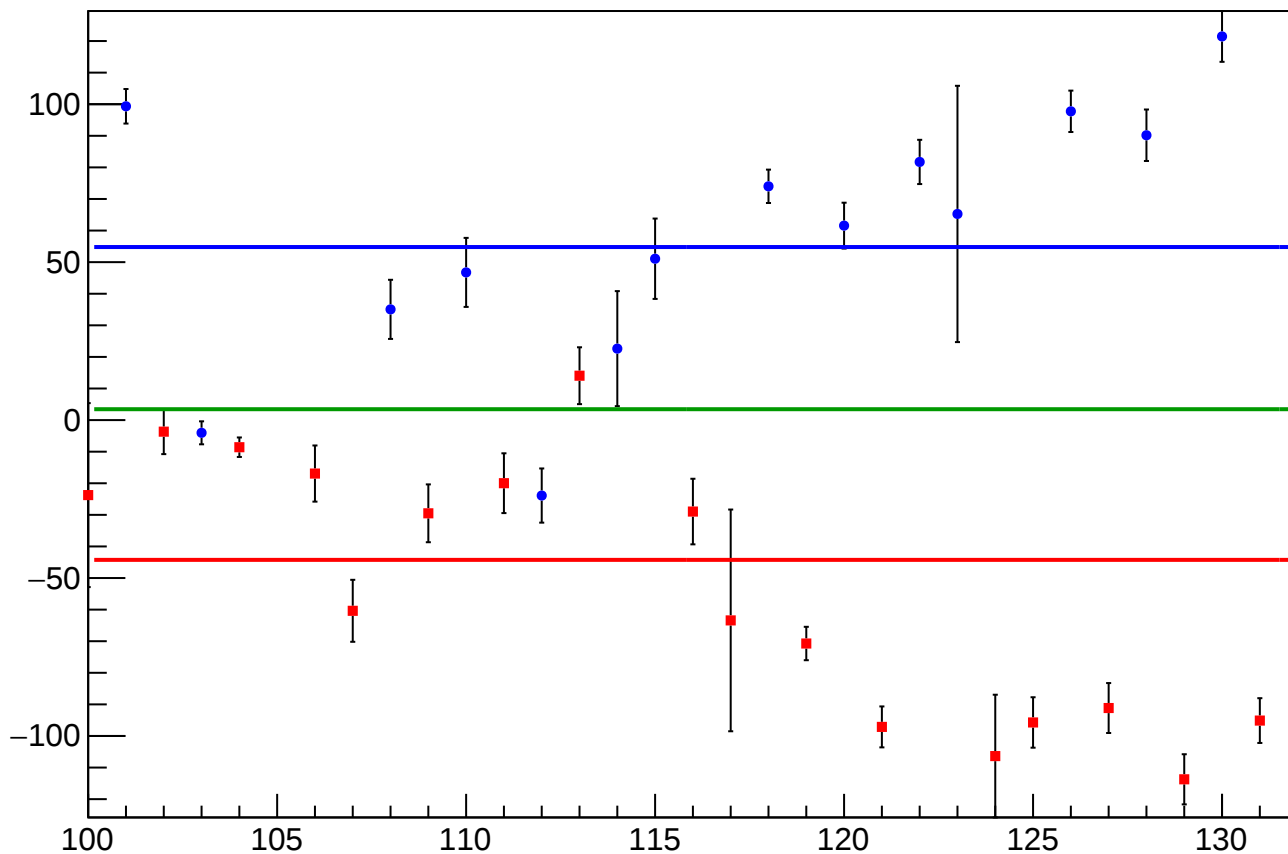
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

238.114 $\pm$ 2.647 χ^2 /NDF: 6704.0/14

-7.331 $\pm$ 1.848 χ^2 /NDF: 30752.0/31

-240.676 $\pm$ 2.581 χ^2 /NDF: 7274.9/16

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.786+/-1.822 χ^2/NDF : 592.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.251+/-1.756 χ^2/NDF : 539.2/16

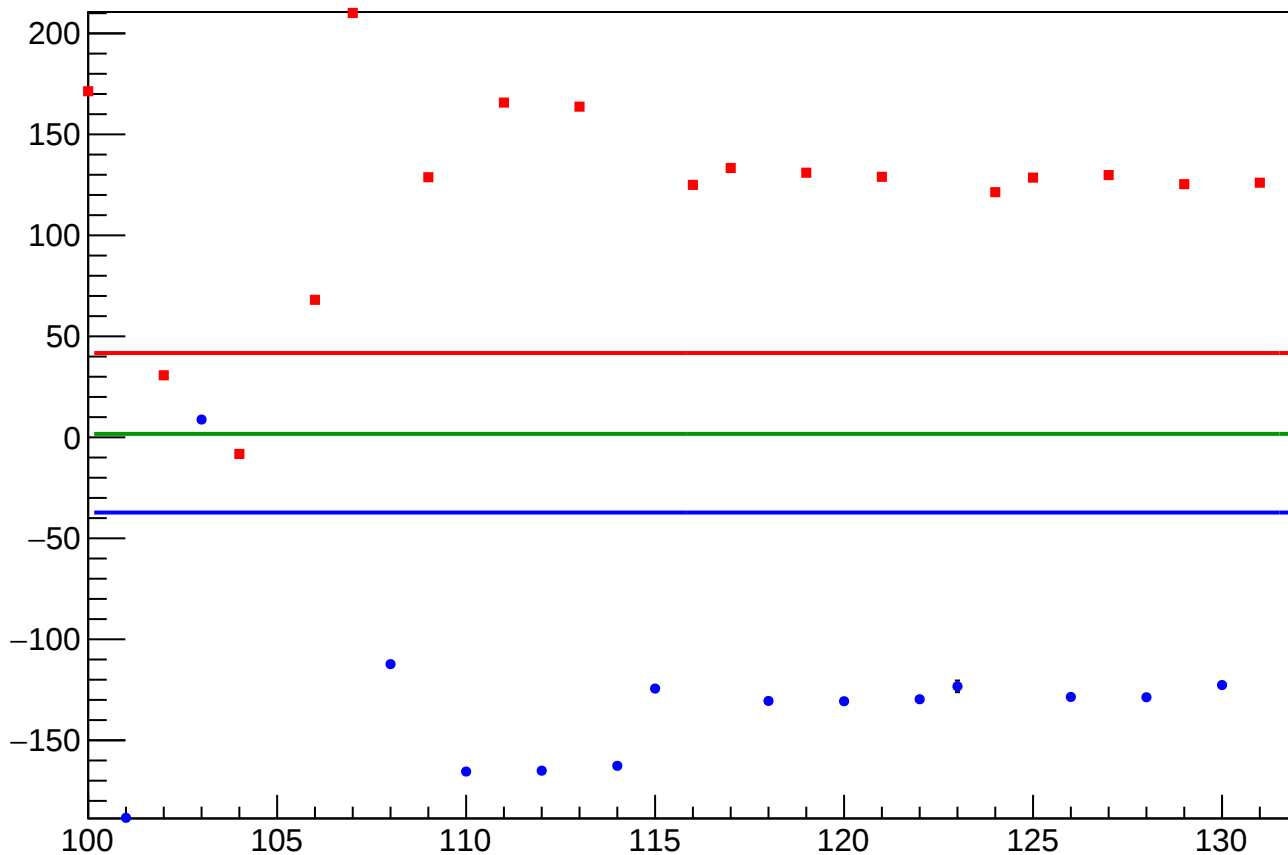
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.786+/-1.822 χ^2/NDF : 592.0/14

3.446+/-1.264 χ^2/NDF : 2662.8/31

-44.251+/-1.756 χ^2/NDF : 539.2/16

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.237+/-0.075 χ^2/NDF : 870362.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.746+/-0.077 χ^2/NDF : 689533.9/16

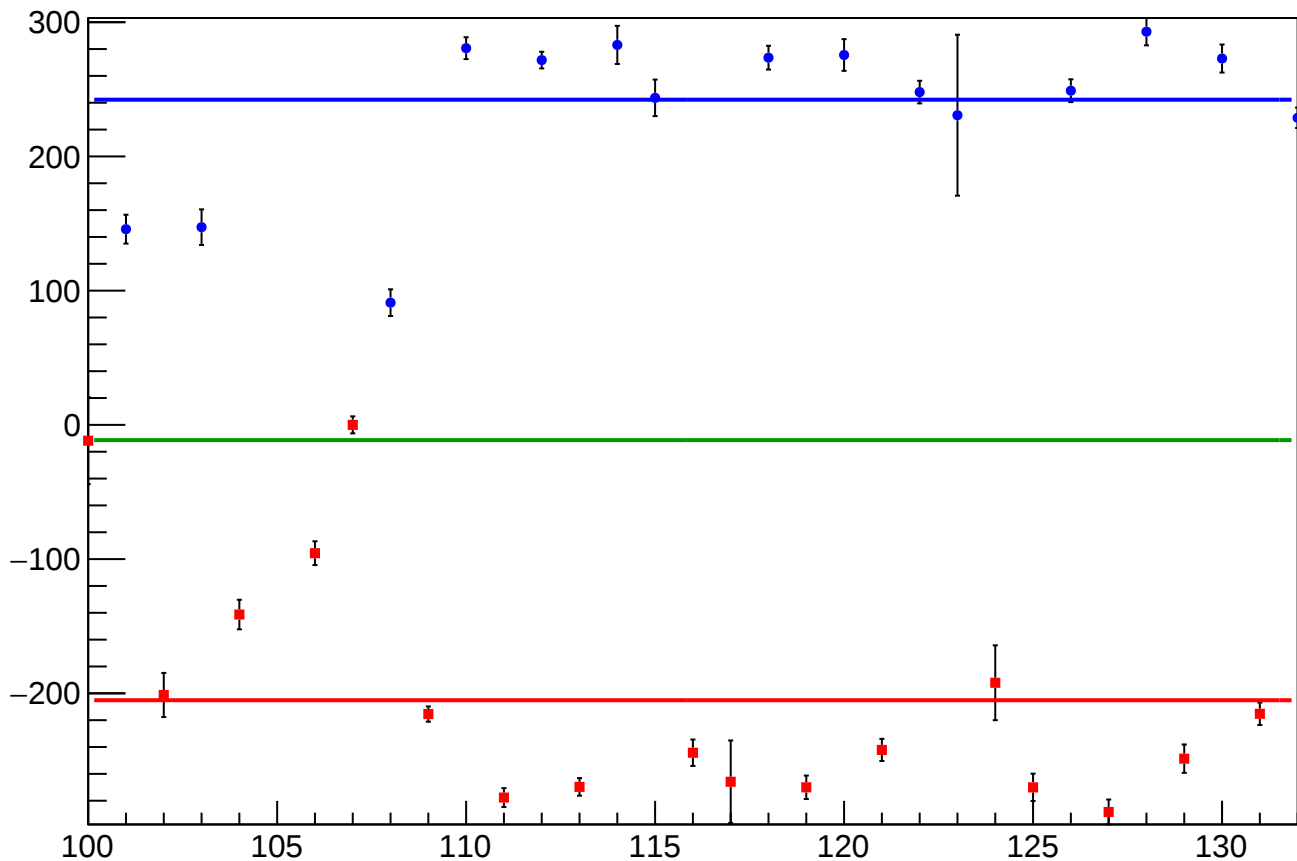
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.237+/-0.075 χ^2/NDF : 870362.5/14

1.707+/-0.054 χ^2/NDF : 2100002.5/31

41.746+/-0.077 χ^2/NDF : 689533.9/16

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 242.270 $\pm$ 2.499 χ^2 /NDF: 473.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -205.151 $\pm$ 2.184 χ^2 /NDF: 1712.9/16

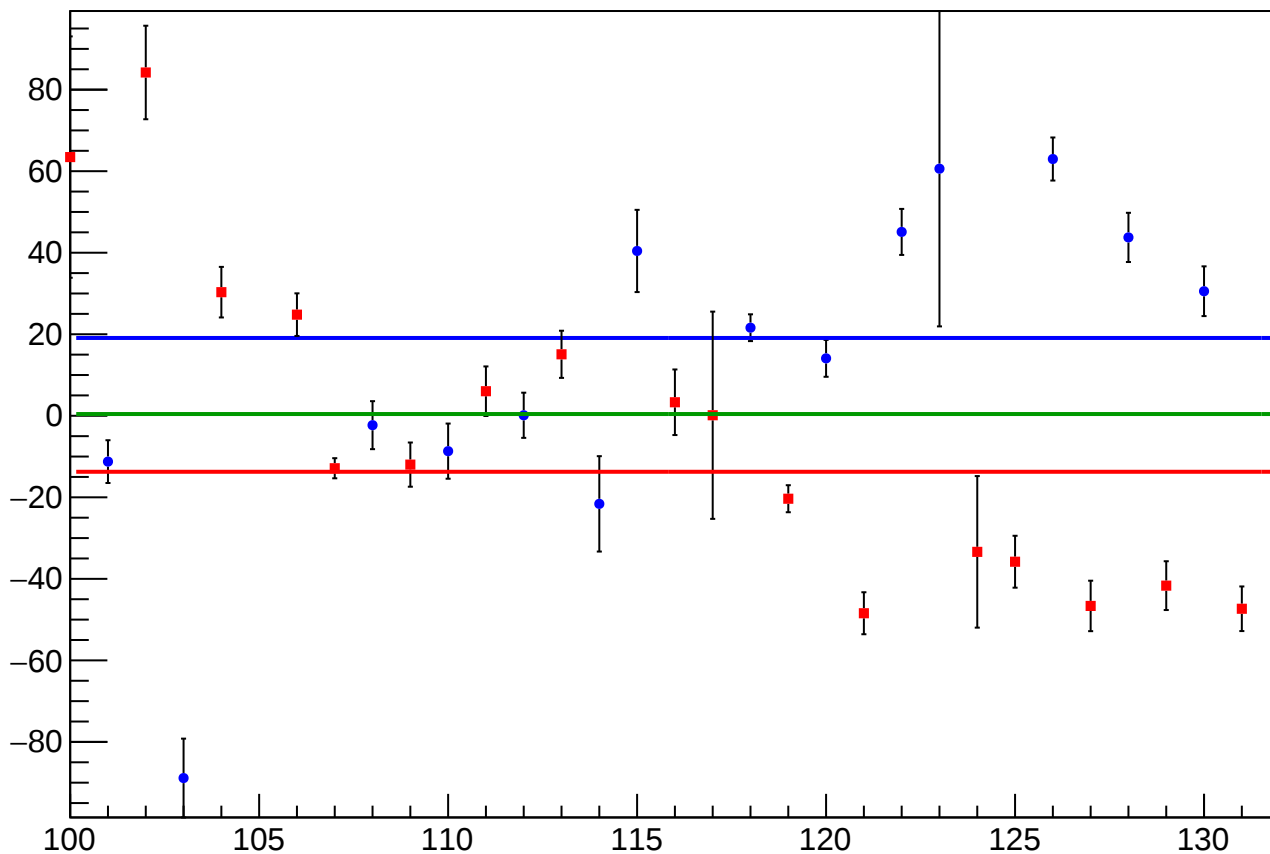
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

242.270 $\pm$ 2.499 χ^2 /NDF: 473.8/14

-11.372 $\pm$ 1.645 χ^2 /NDF: 20357.9/31

-205.151 $\pm$ 2.184 χ^2 /NDF: 1712.9/16

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.089+/-1.498 χ^2 /NDF: 348.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -13.734+/-1.305 χ^2 /NDF: 375.2/16

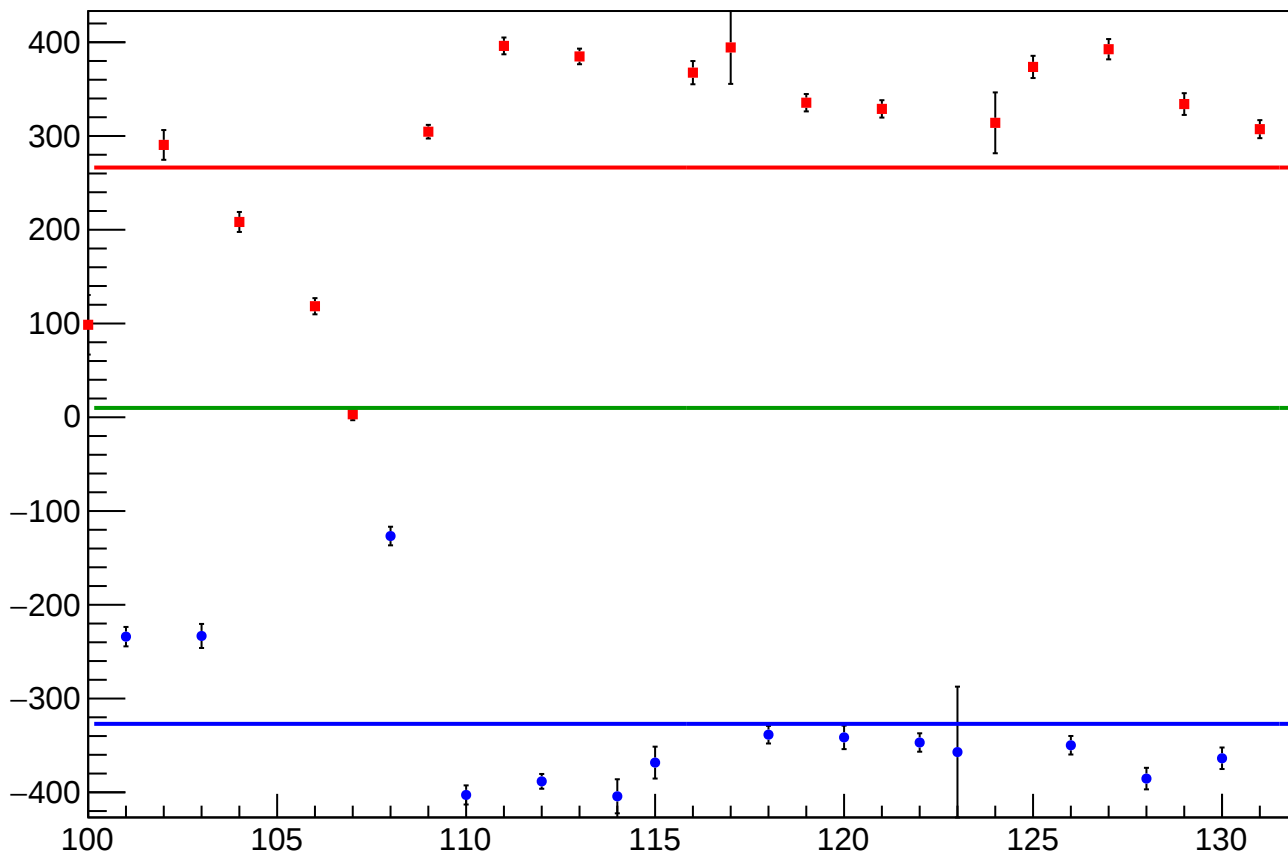
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.089+/-1.498 χ^2 /NDF: 348.1/14

0.430+/-0.984 χ^2 /NDF: 996.4/31

-13.734+/-1.305 χ^2 /NDF: 375.2/16

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -326.994 ± 2.836 χ^2/NDF : 729.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 266.361 ± 2.474 χ^2/NDF : 2980.3/16

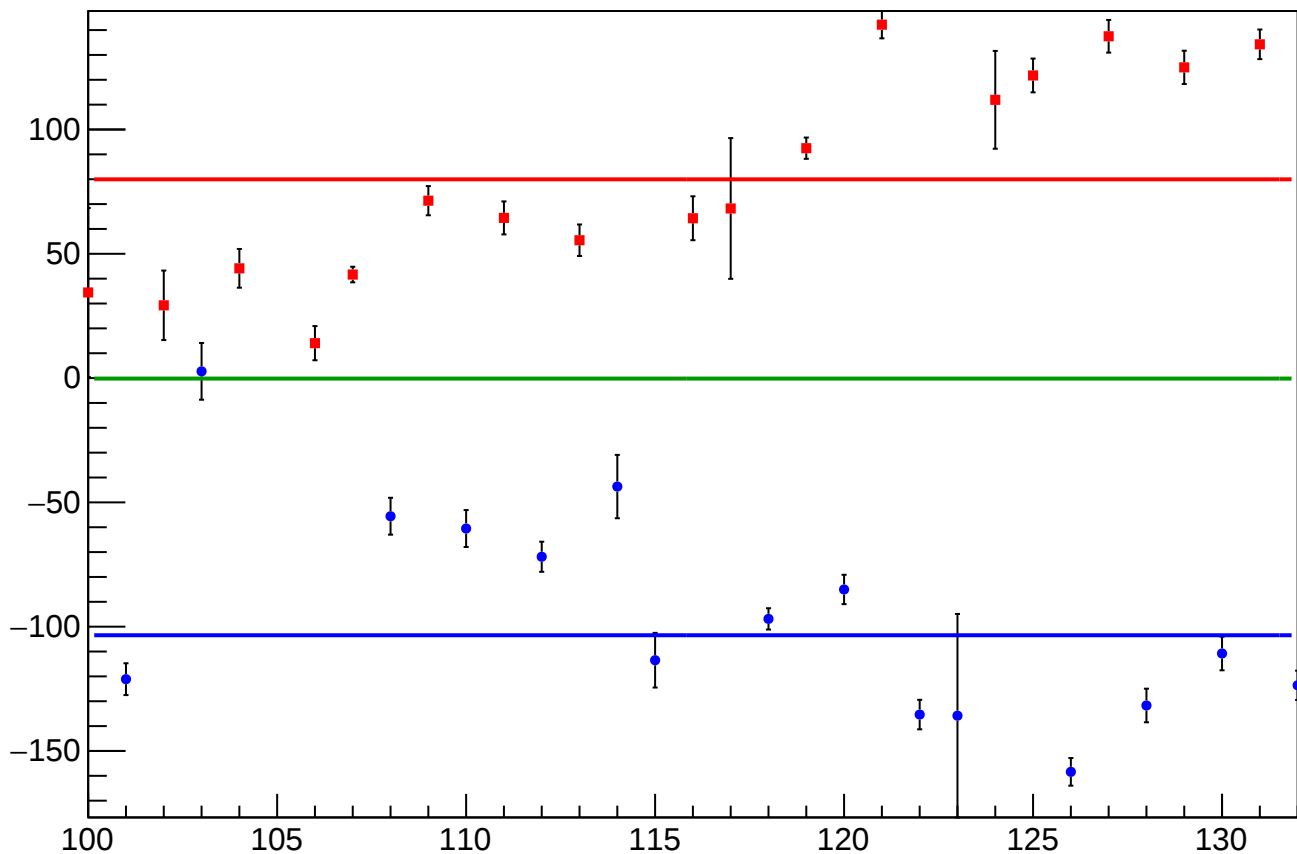
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-326.994 ± 2.836 χ^2/NDF : 729.8/14

9.966 ± 1.865 χ^2/NDF : 28561.2/31

266.361 ± 2.474 χ^2/NDF : 2980.3/16

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -103.450+/-1.748 χ^2/NDF : 388.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.957+/-1.540 χ^2/NDF : 684.9/16

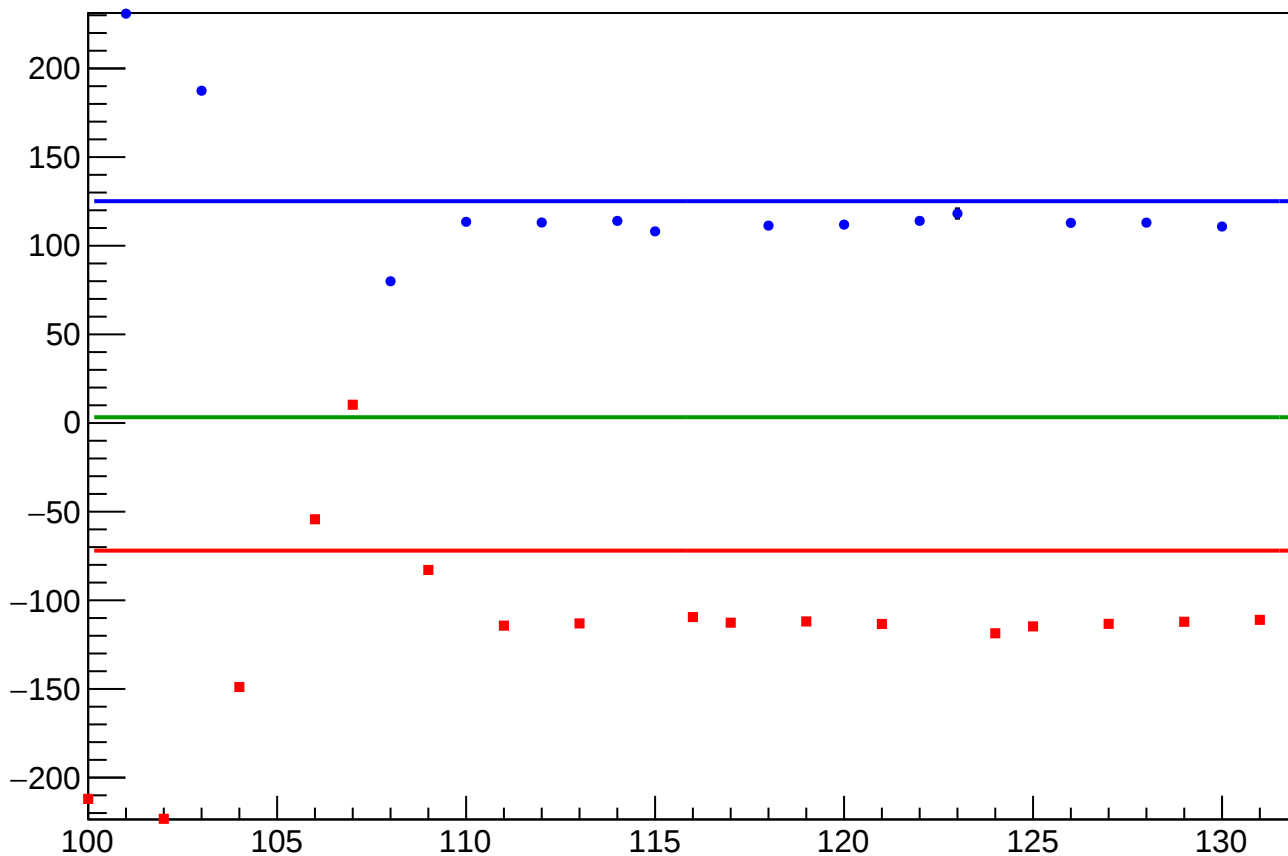
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-103.450+/-1.748 χ^2/NDF : 388.9/14

-0.191+/-1.156 χ^2/NDF : 7270.7/31

79.957+/-1.540 χ^2/NDF : 684.9/16

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 125.132 $\pm$ 0.106 χ^2 /NDF: 175583.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -71.974 $\pm$ 0.083 χ^2 /NDF: 667056.6/16

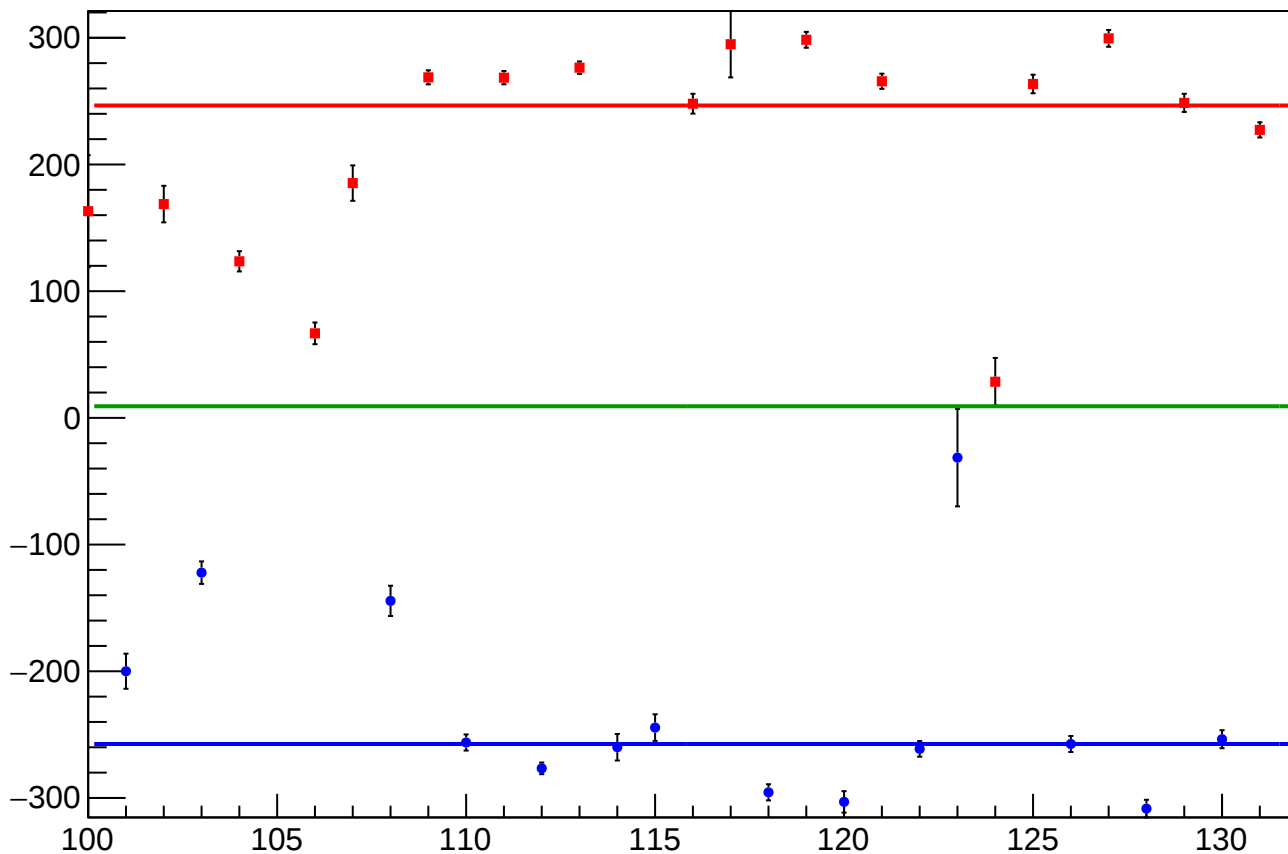
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

125.132 $\pm$ 0.106 χ^2 /NDF: 175583.1/14

3.270 $\pm$ 0.065 χ^2 /NDF: 2981059.5/31

-71.974 $\pm$ 0.083 χ^2 /NDF: 667056.6/16

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -257.400 ± 1.895 χ^2/NDF : 517.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 246.566 ± 1.789 χ^2/NDF : 1096.6/16

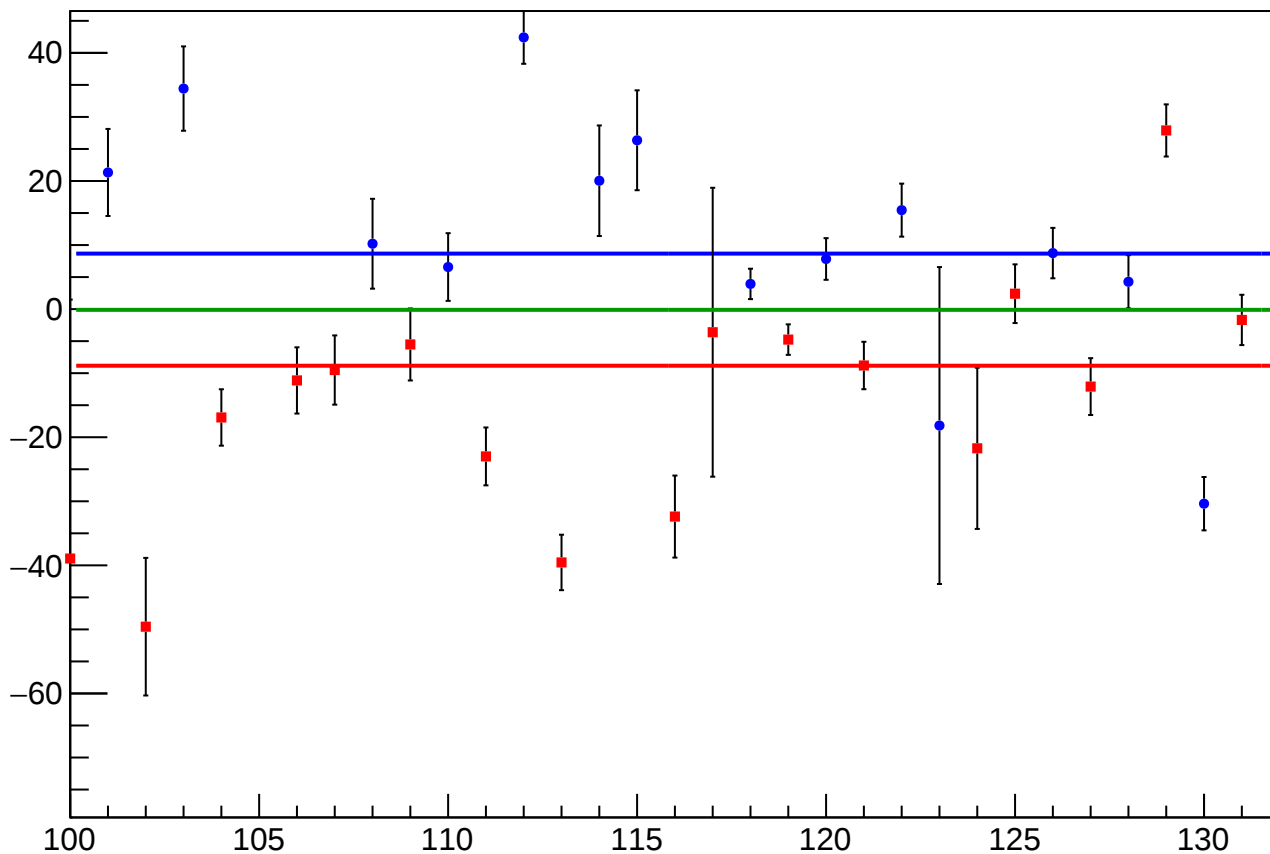
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-257.400 ± 1.895 χ^2/NDF : 517.3/14

9.174 ± 1.301 χ^2/NDF : 39014.8/31

246.566 ± 1.789 χ^2/NDF : 1096.6/16

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.665 $\pm$ 1.142 χ^2 /NDF: 190.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.836 $\pm$ 1.138 χ^2 /NDF: 187.9/16

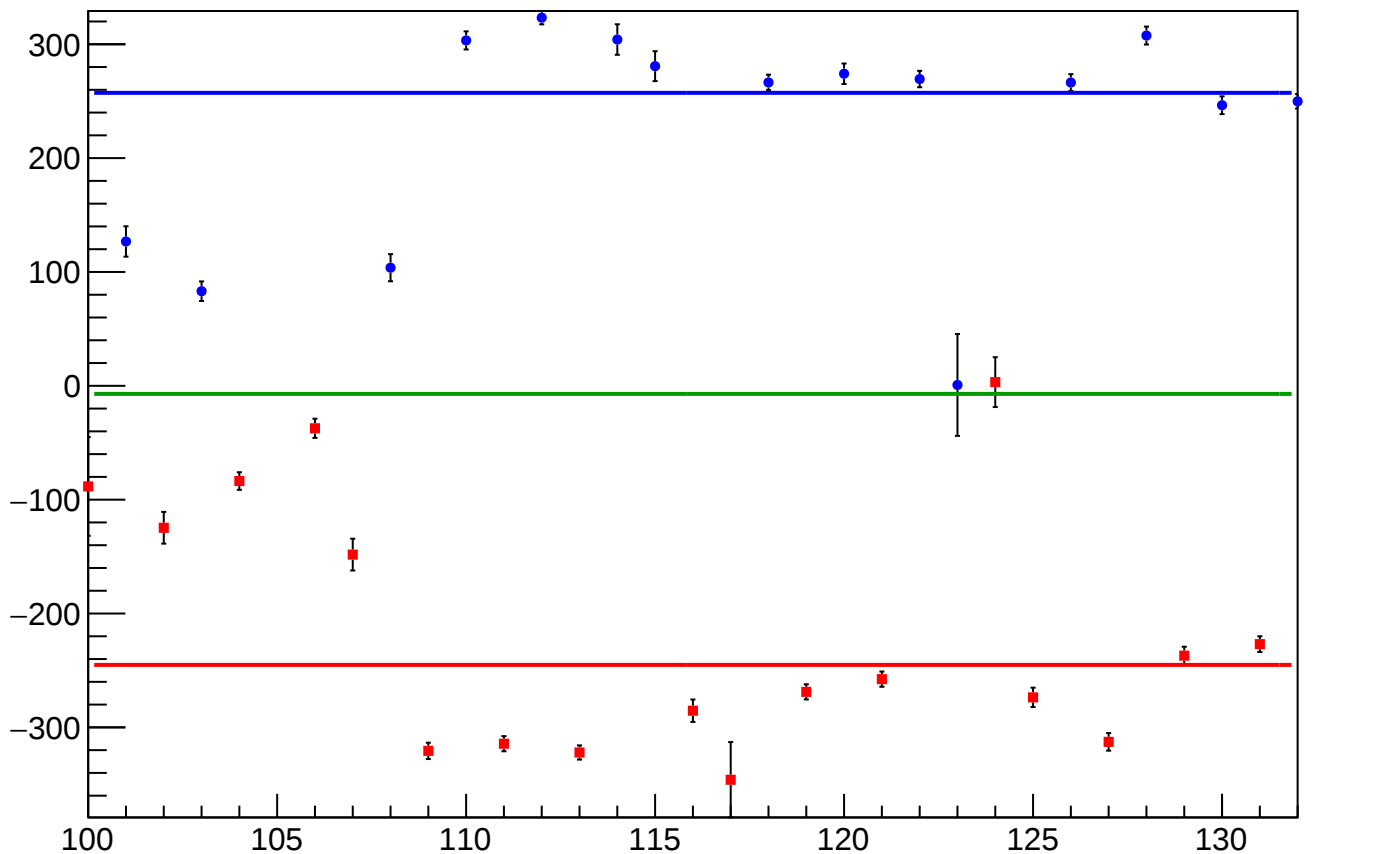
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.665 $\pm$ 1.142 χ^2 /NDF: 190.5/14

-0.112 $\pm$ 0.806 χ^2 /NDF: 496.2/31

-8.836 $\pm$ 1.138 χ^2 /NDF: 187.9/16

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 257.341+/-2.173 χ^2/NDF : 935.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -245.122+/-2.061 χ^2/NDF : 1818.7/16

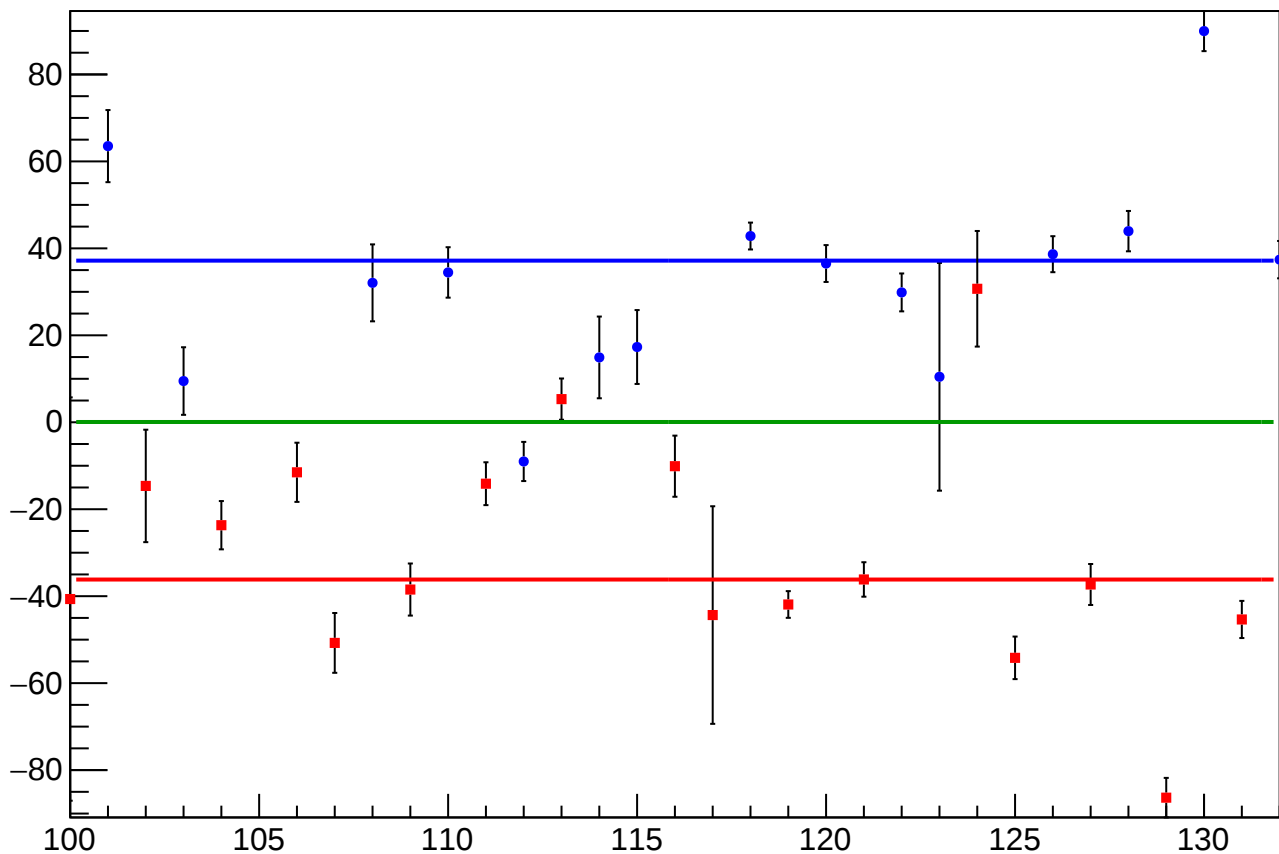
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

257.341+/-2.173 χ^2/NDF : 935.0/14

-7.094+/-1.495 χ^2/NDF : 30904.1/31

-245.122+/-2.061 χ^2/NDF : 1818.7/16

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.177+/-1.326 χ^2 /NDF: 280.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -36.171+/-1.311 χ^2 /NDF: 304.6/16

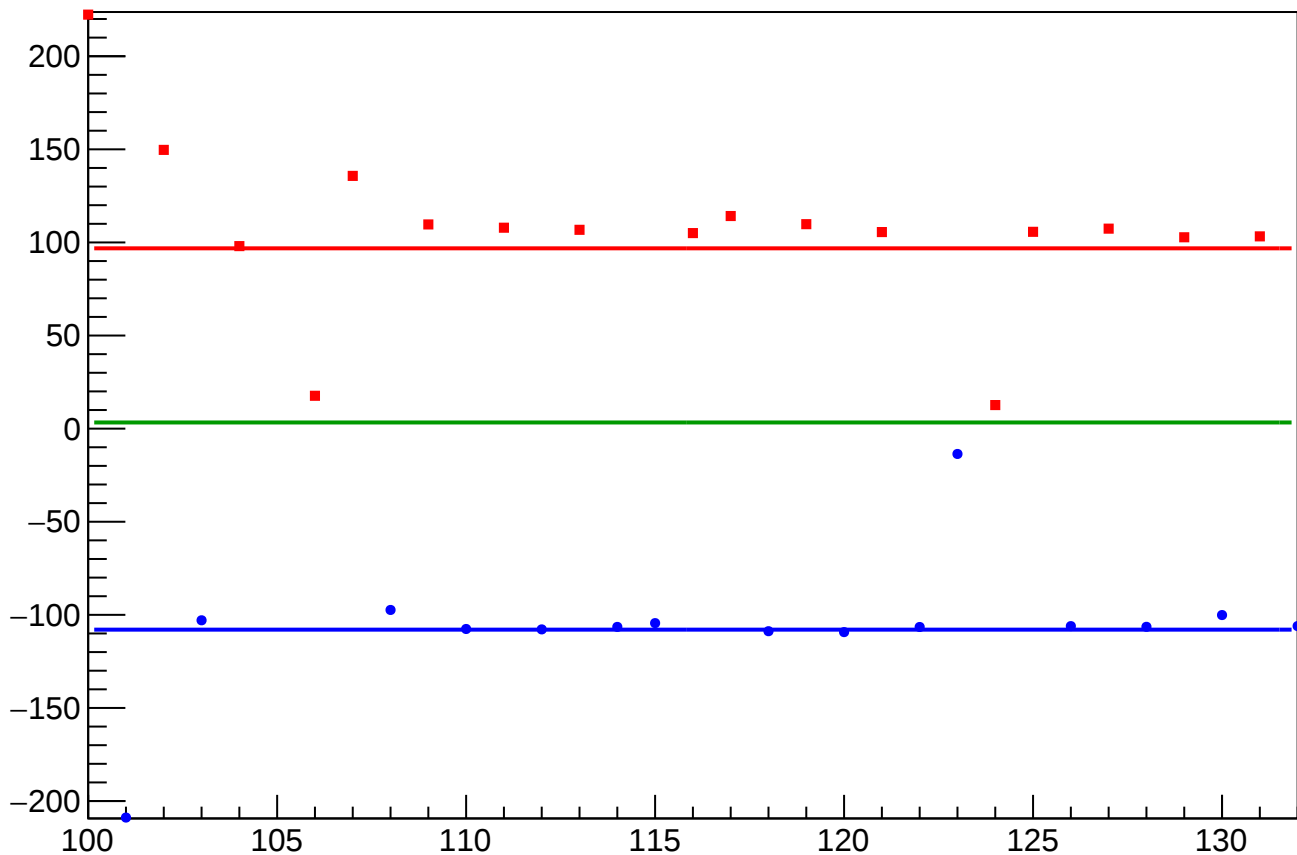
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

37.177+/-1.326 χ^2 /NDF: 280.1/14

0.065+/-0.932 χ^2 /NDF: 2132.1/31

-36.171+/-1.311 χ^2 /NDF: 304.6/16

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -107.949+/-0.085 χ^2/NDF : 49678.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.835+/-0.078 χ^2/NDF : 212144.2/16

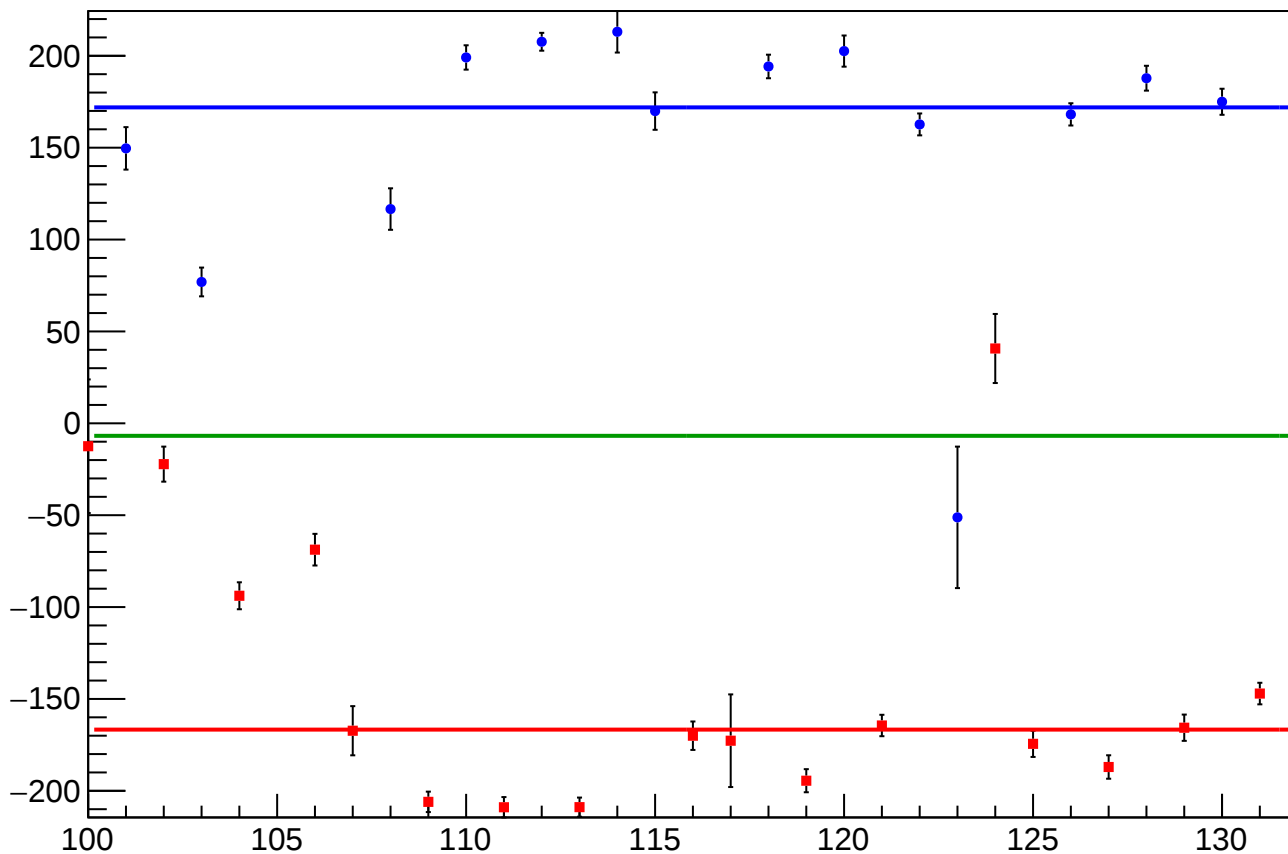
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-107.949+/-0.085 χ^2/NDF : 49678.2/14

3.314+/-0.057 χ^2/NDF : 3426115.9/31

96.835+/-0.078 χ^2/NDF : 212144.2/16

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 171.933 ± 1.870 χ^2/NDF : 363.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -166.685 ± 1.769 χ^2/NDF : 813.2/16

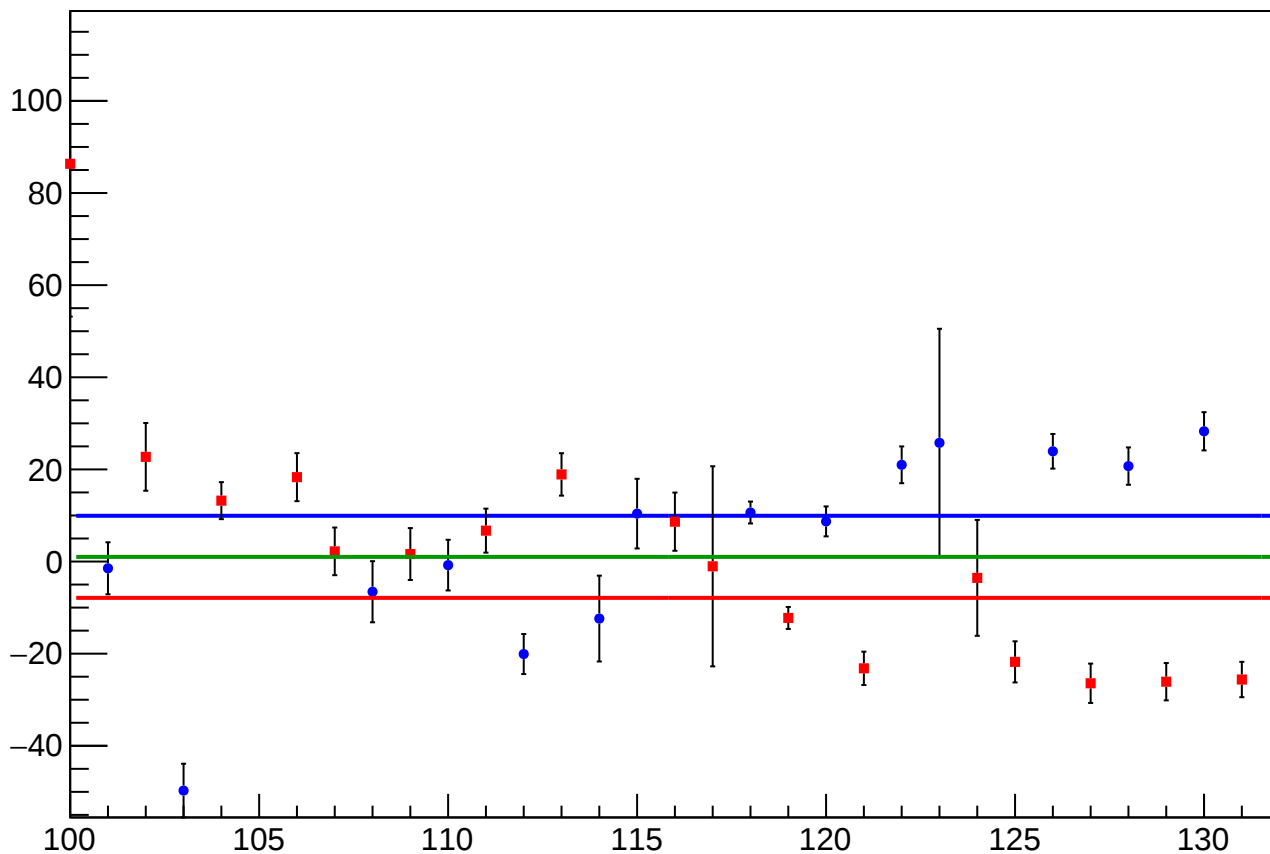
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

171.933 ± 1.870 χ^2/NDF : 363.0/14

-6.807 ± 1.285 χ^2/NDF : 18485.7/31

-166.685 ± 1.769 χ^2/NDF : 813.2/16

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.934+/-1.122 χ^2/NDF : 242.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.884+/-1.120 χ^2/NDF : 226.5/16

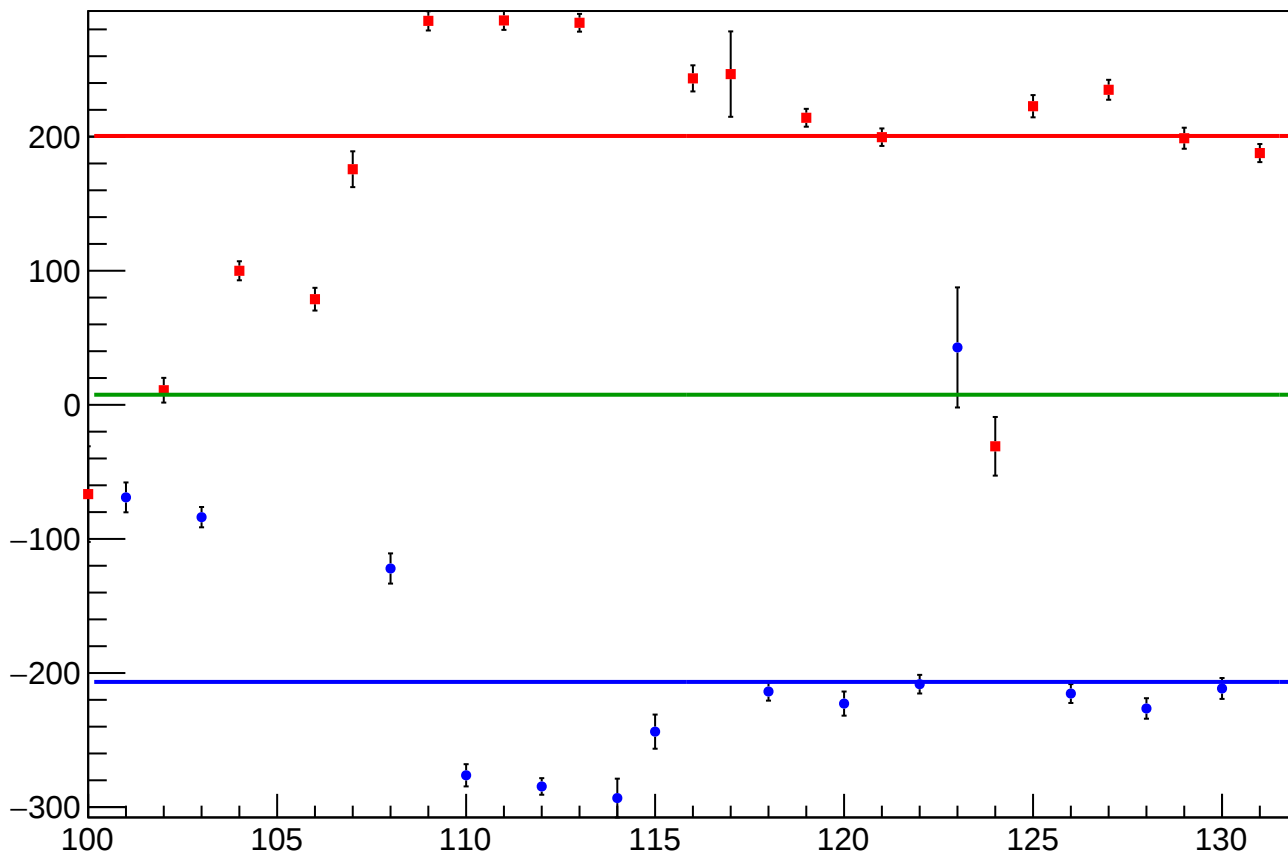
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.934+/-1.122 χ^2/NDF : 242.7/14

1.009+/-0.792 χ^2/NDF : 595.6/31

-7.884+/-1.120 χ^2/NDF : 226.5/16

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -206.634+/-2.129 χ^2 /NDF: 805.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 200.517+/-2.021 χ^2 /NDF: 1514.9/16

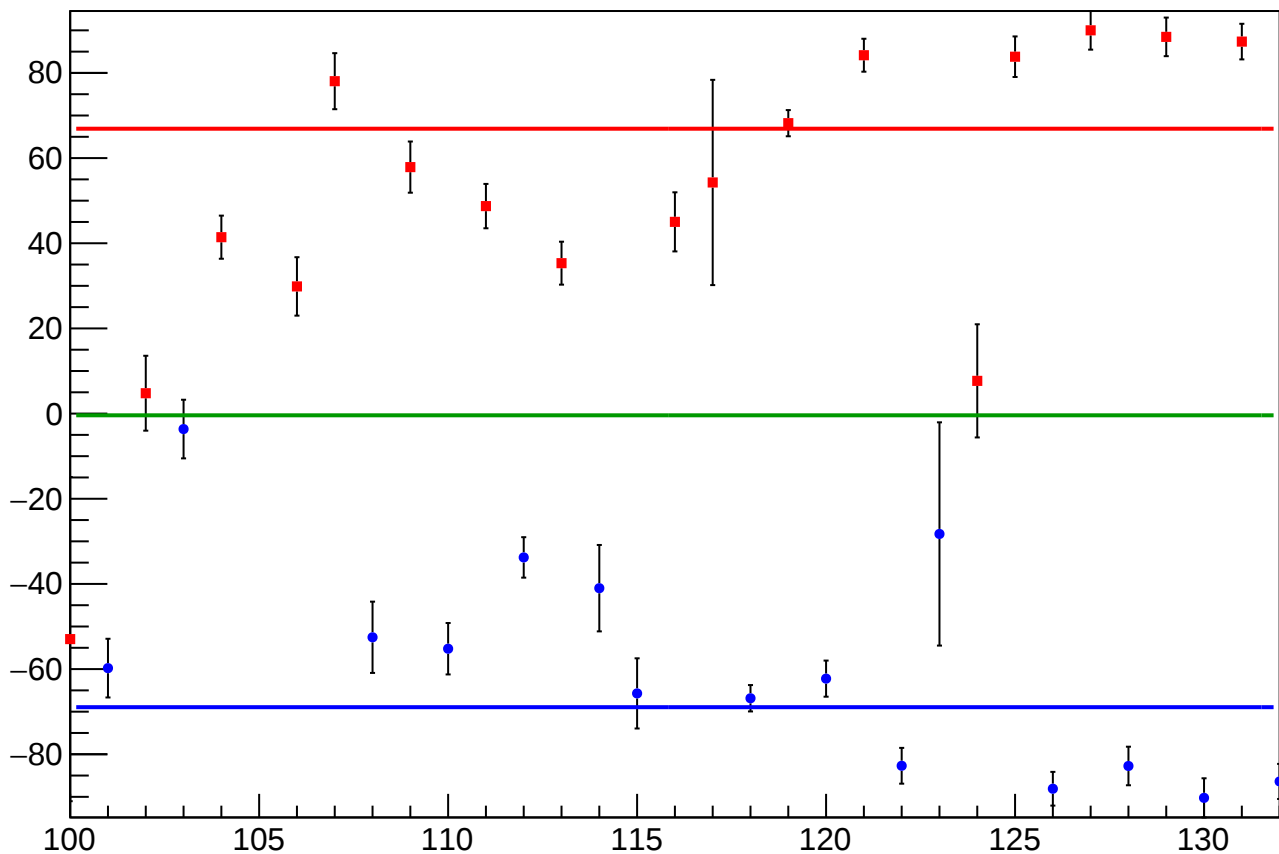
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-206.634+/-2.129 χ^2 /NDF: 805.3/14

7.540+/-1.466 χ^2 /NDF: 21556.4/31

200.517+/-2.021 χ^2 /NDF: 1514.9/16

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.945+/-1.303 χ^2/NDF : 251.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.899+/-1.291 χ^2/NDF : 306.0/16

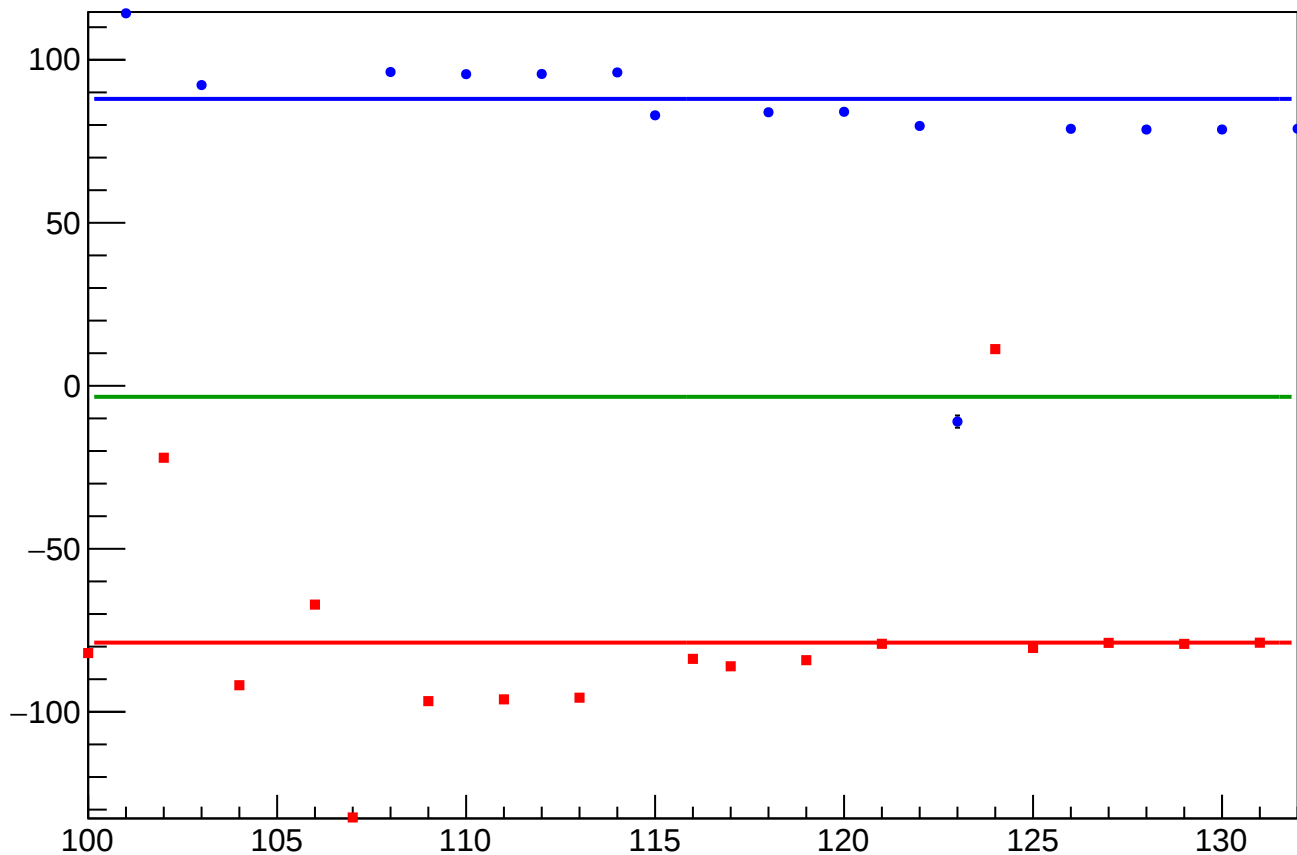
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.945+/-1.303 χ^2/NDF : 251.4/14

-0.403+/-0.917 χ^2/NDF : 6044.4/31

66.899+/-1.291 χ^2/NDF : 306.0/16

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 88.010+/-0.081 χ^2/NDF : 14641.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.774+/-0.074 χ^2/NDF : 128993.5/16

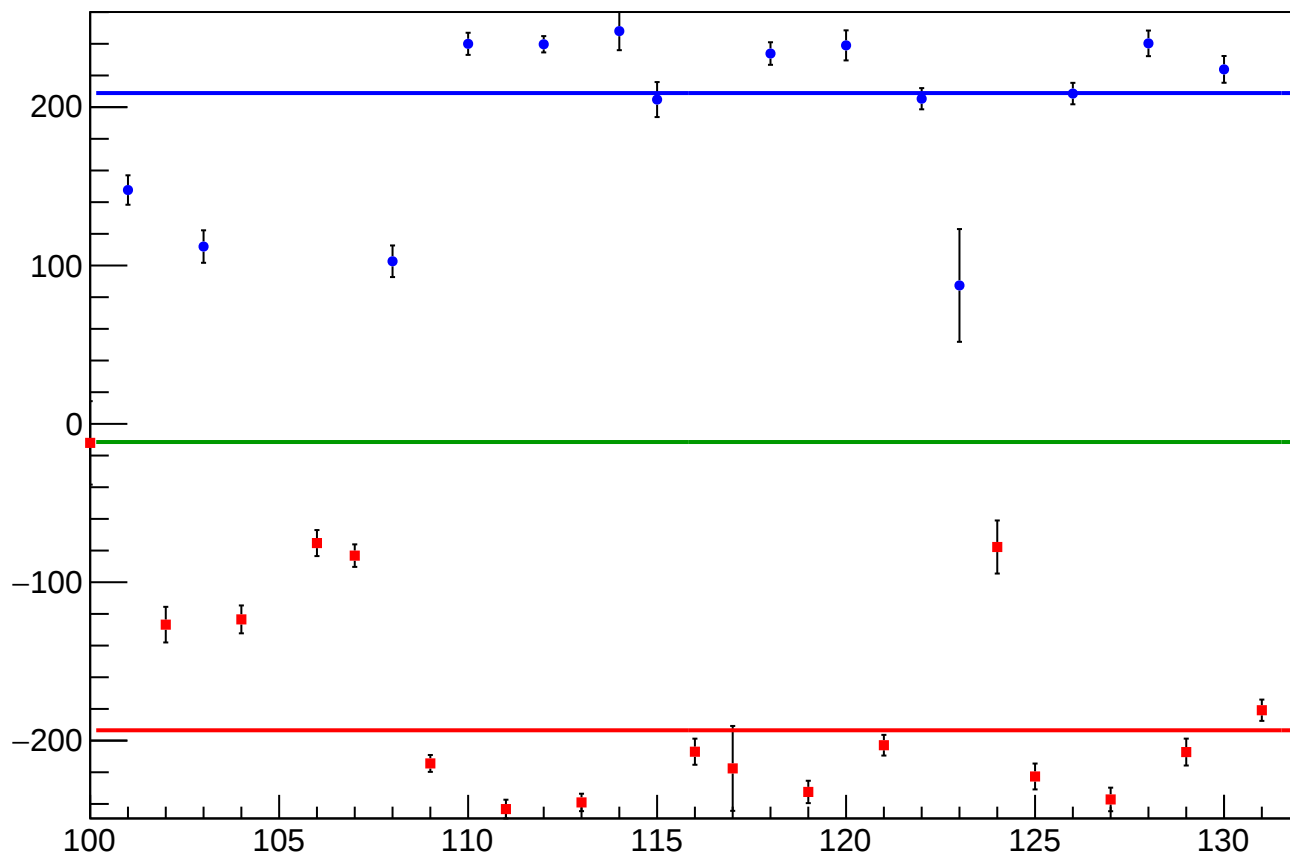
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.010+/-0.081 χ^2/NDF : 14641.5/14

-3.377+/-0.055 χ^2/NDF : 2449766.9/31

-78.774+/-0.074 χ^2/NDF : 128993.5/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 208.893 $\pm$ 2.058 χ^2 /NDF: 381.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -193.492 $\pm$ 1.870 χ^2 /NDF: 884.8/16

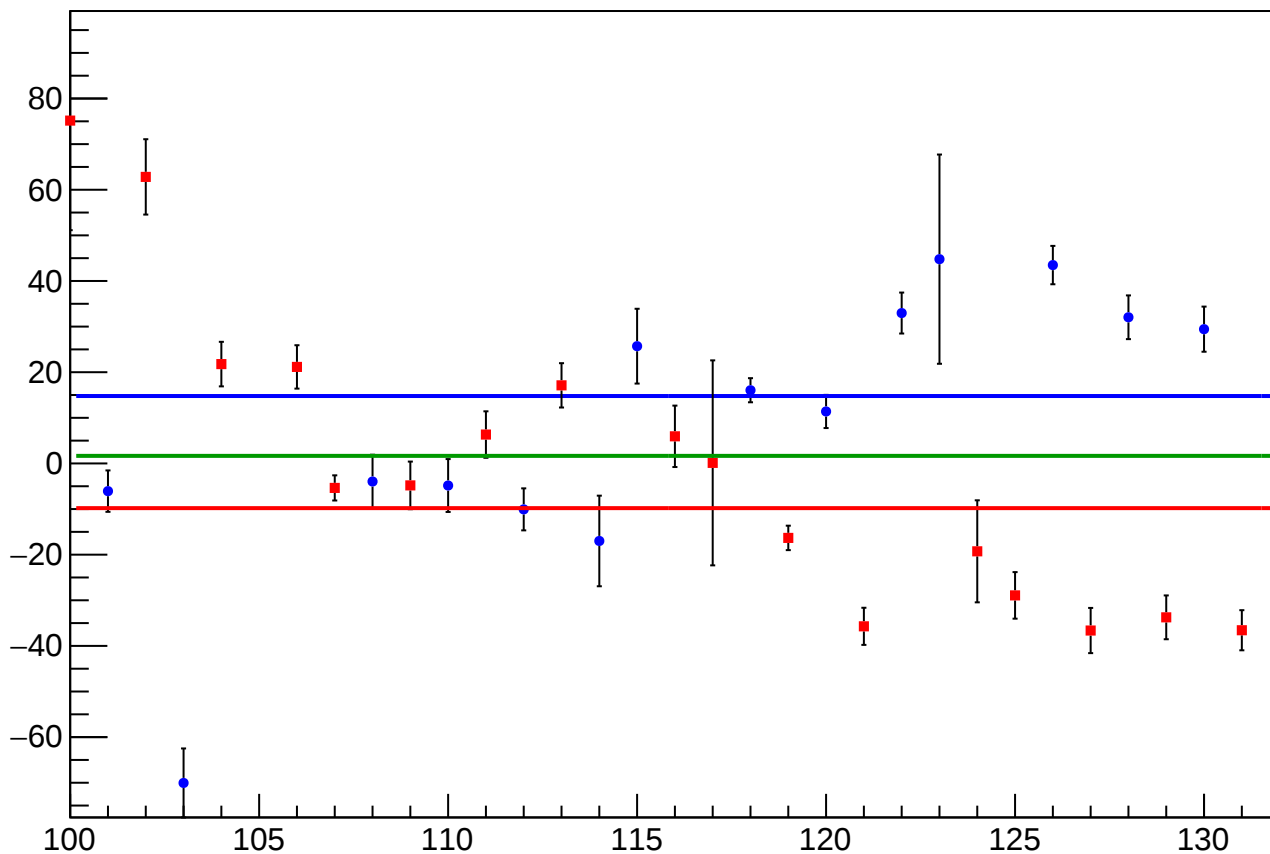
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

208.893 $\pm$ 2.058 χ^2 /NDF: 381.6/14

-11.458 $\pm$ 1.384 χ^2 /NDF: 22207.6/31

-193.492 $\pm$ 1.870 χ^2 /NDF: 884.8/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.779+/-1.229 χ^2/NDF : 319.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.799+/-1.149 χ^2/NDF : 376.3/16

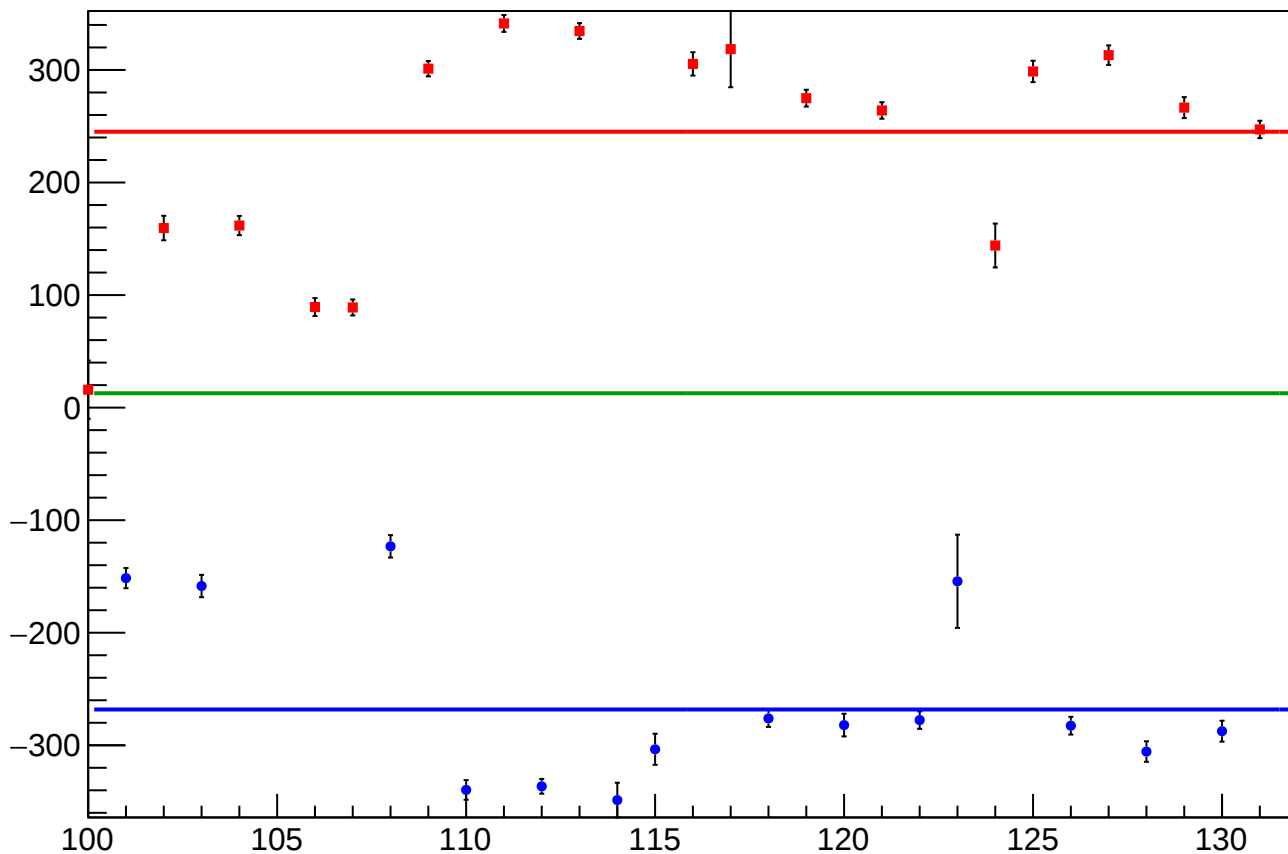
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.779+/-1.229 χ^2/NDF : 319.6/14

1.660+/-0.839 χ^2/NDF : 909.2/31

-9.799+/-1.149 χ^2/NDF : 376.3/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -268.187+/-2.340 χ^2/NDF : 753.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.126+/-2.128 χ^2/NDF : 1682.7/16

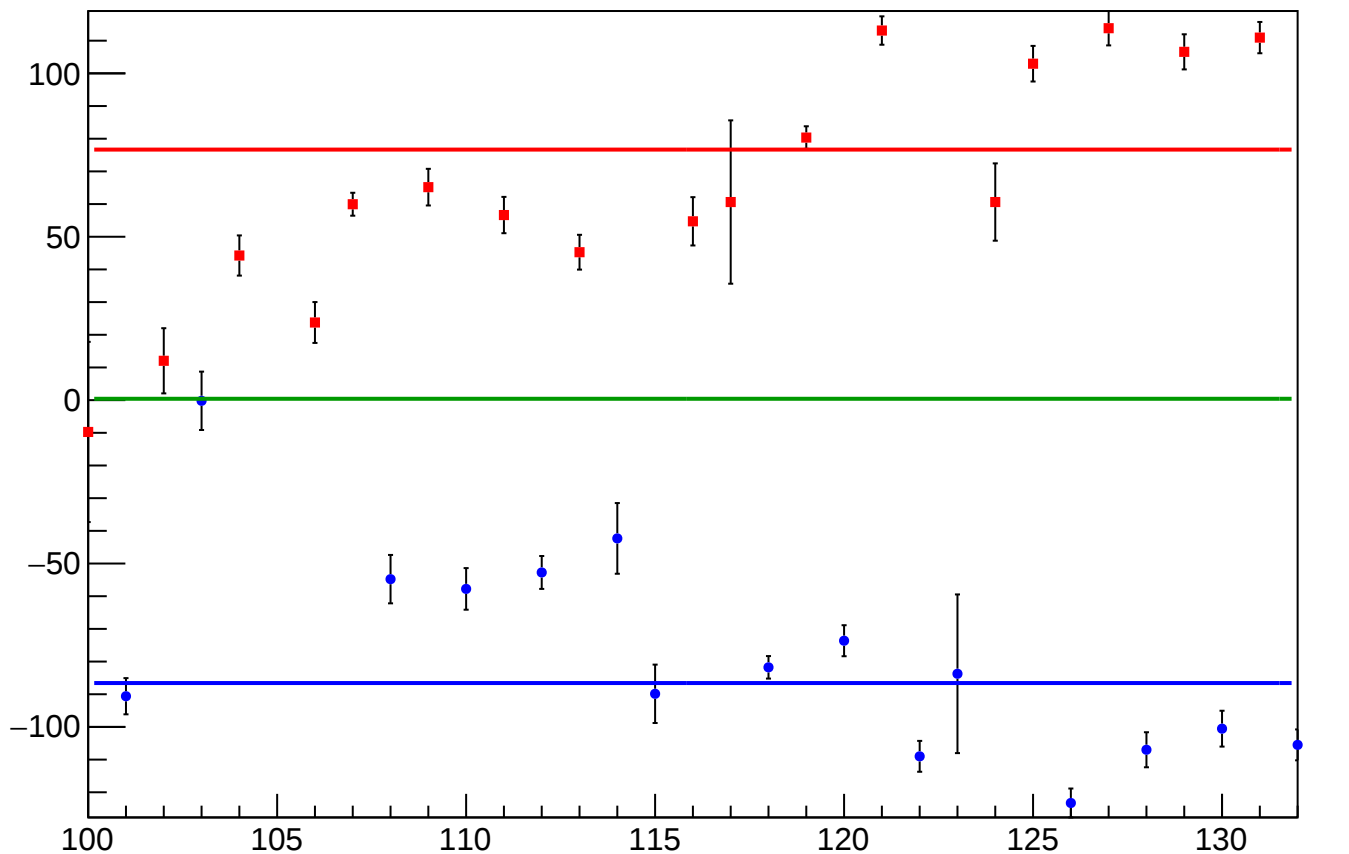
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-268.187+/-2.340 χ^2/NDF : 753.7/14

12.768+/-1.574 χ^2/NDF : 28772.2/31

245.126+/-2.128 χ^2/NDF : 1682.7/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.572 ± 1.432 χ^2/NDF : 332.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.673 ± 1.341 χ^2/NDF : 463.8/16

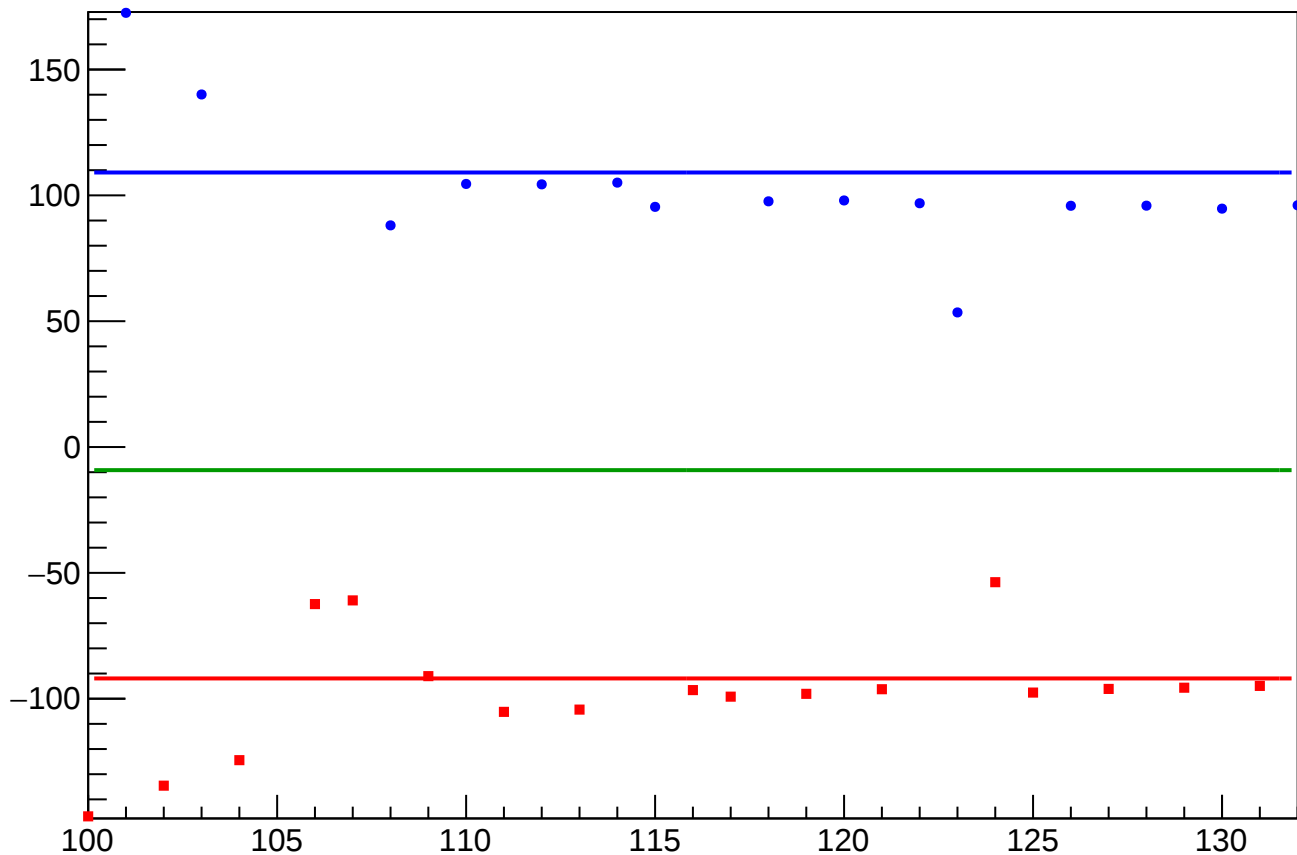
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-86.572 ± 1.432 χ^2/NDF : 332.7/14

0.416 ± 0.979 χ^2/NDF : 7718.2/31

76.673 ± 1.341 χ^2/NDF : 463.8/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 109.087+/-0.089 χ^2/NDF : 77516.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.951+/-0.075 χ^2/NDF : 116295.5/16

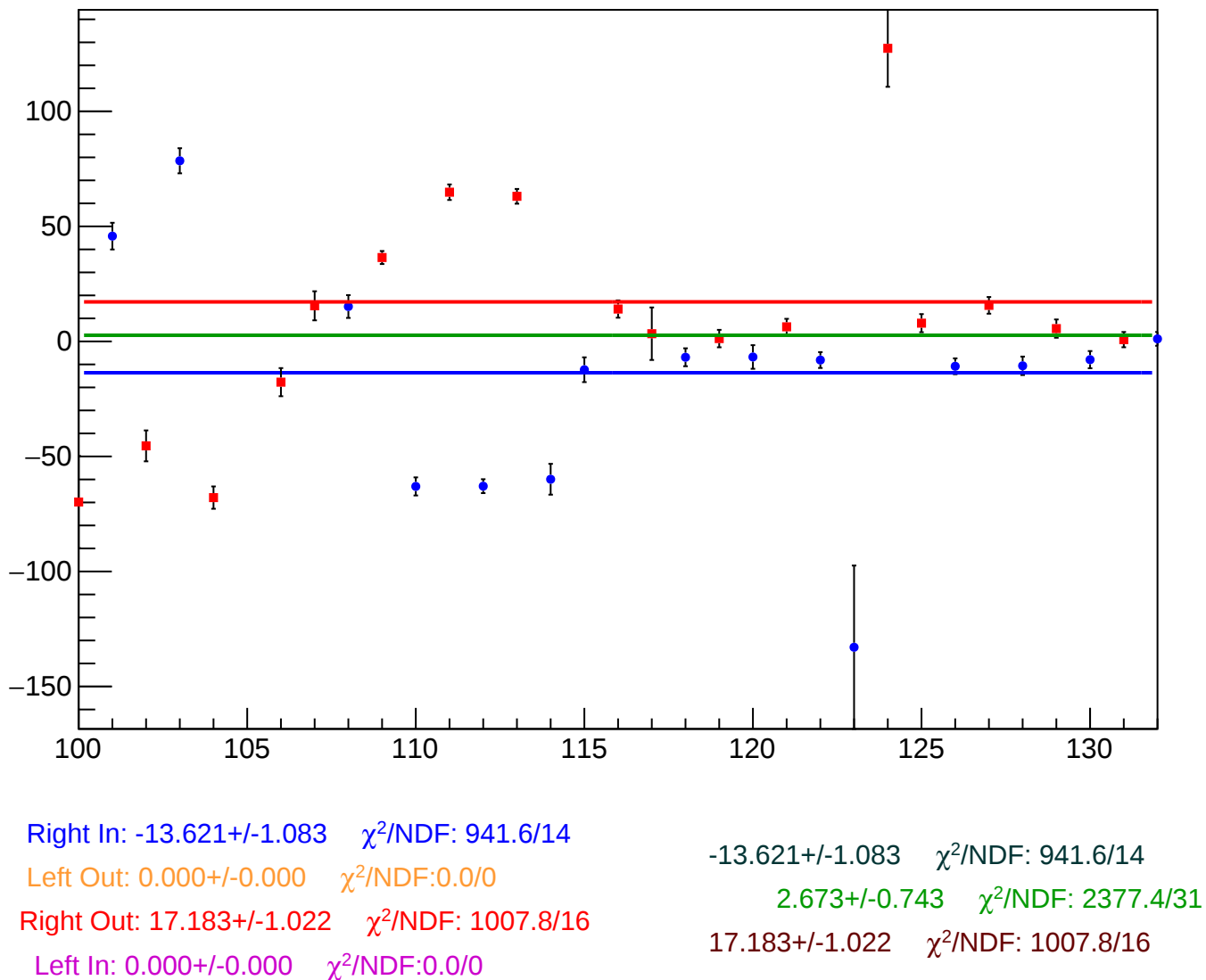
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.087+/-0.089 χ^2/NDF : 77516.3/14

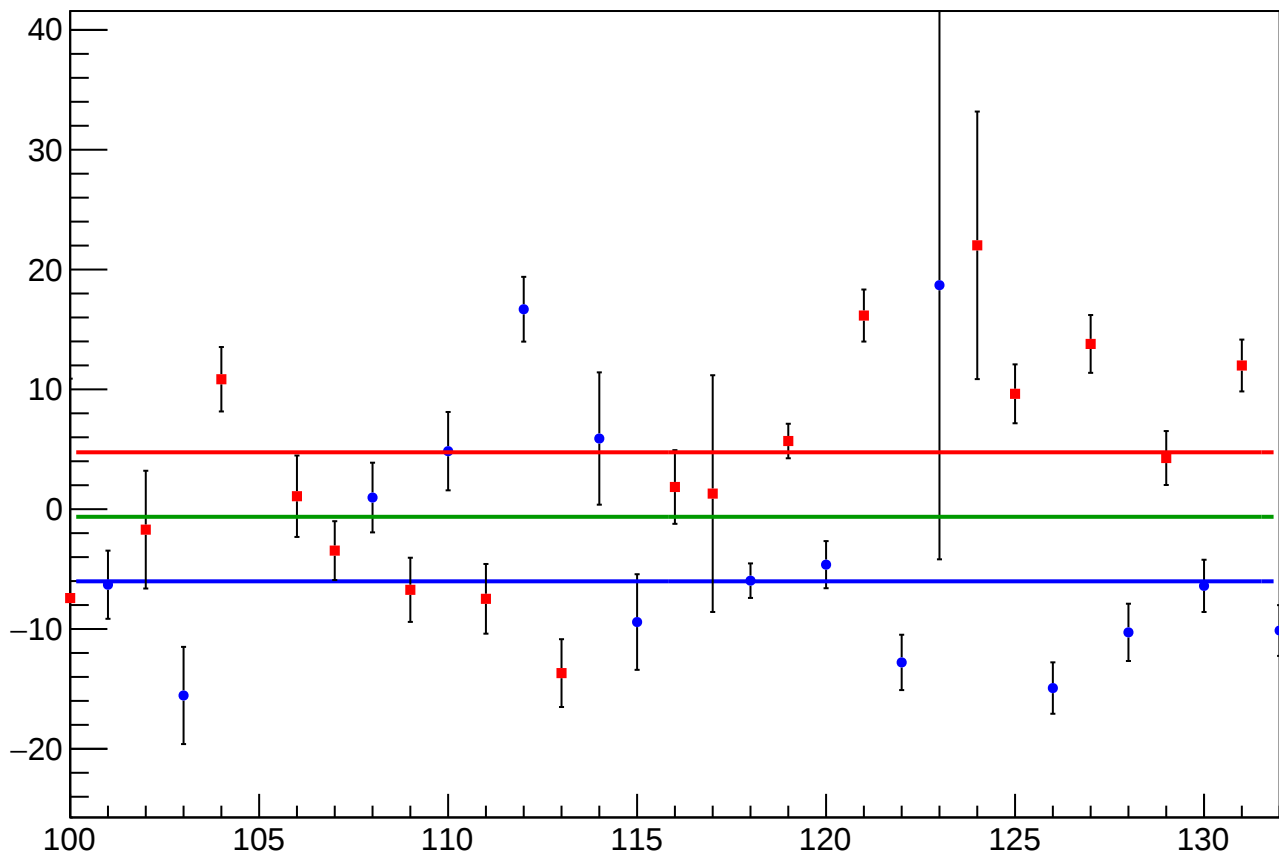
-9.182+/-0.057 χ^2/NDF : 3175536.2/31

-91.951+/-0.075 χ^2/NDF : 116295.5/16

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.020 $\pm$ 0.648 χ^2 /NDF: 132.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.748 $\pm$ 0.648 χ^2 /NDF: 158.8/16

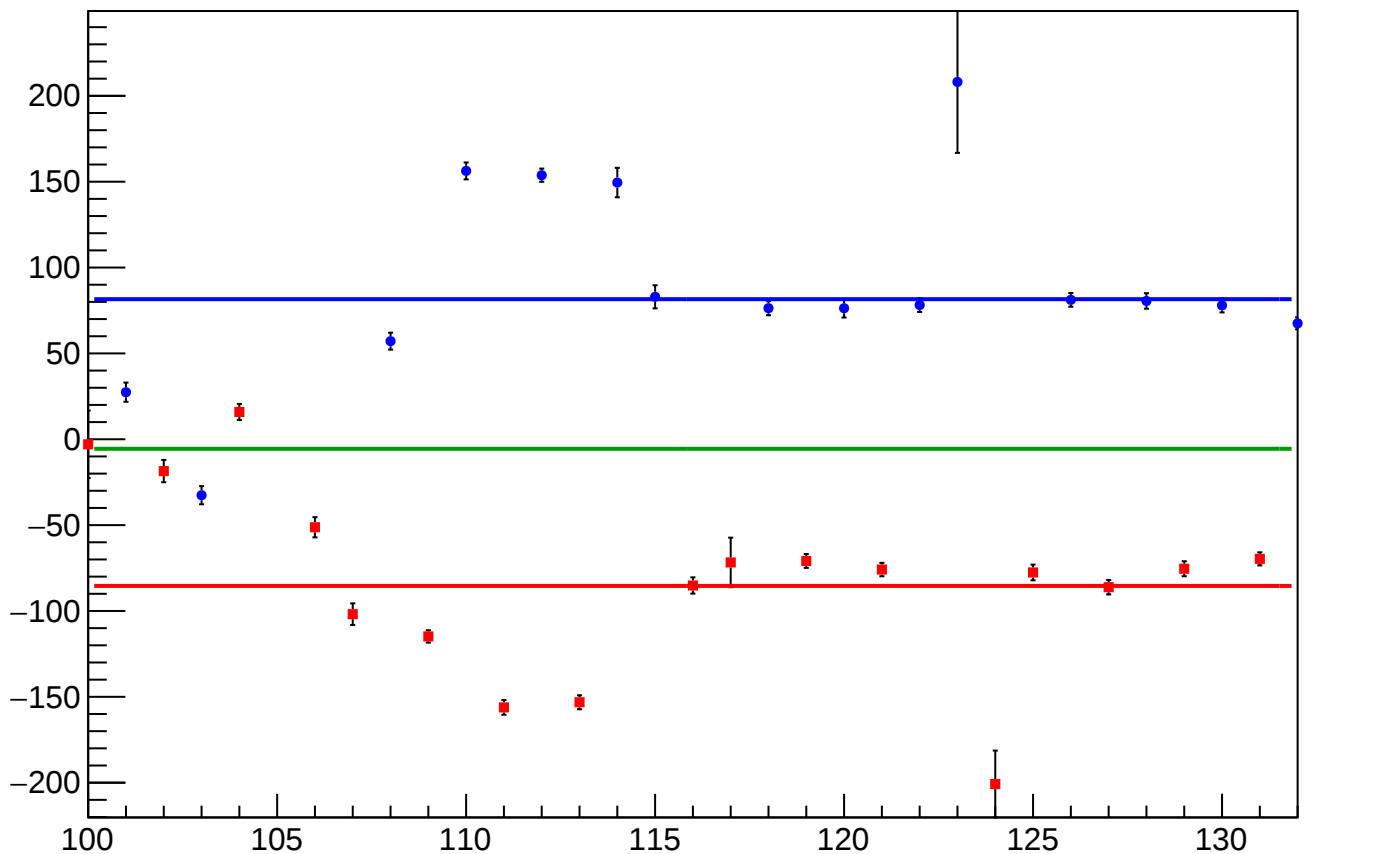
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.020 $\pm$ 0.648 χ^2 /NDF: 132.7/14

-0.636 $\pm$ 0.458 χ^2 /NDF: 429.7/31

4.748 $\pm$ 0.648 χ^2 /NDF: 158.8/16

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.583+/-1.230 χ^2 /NDF: 1261.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -85.405+/-1.177 χ^2 /NDF: 1325.1/16

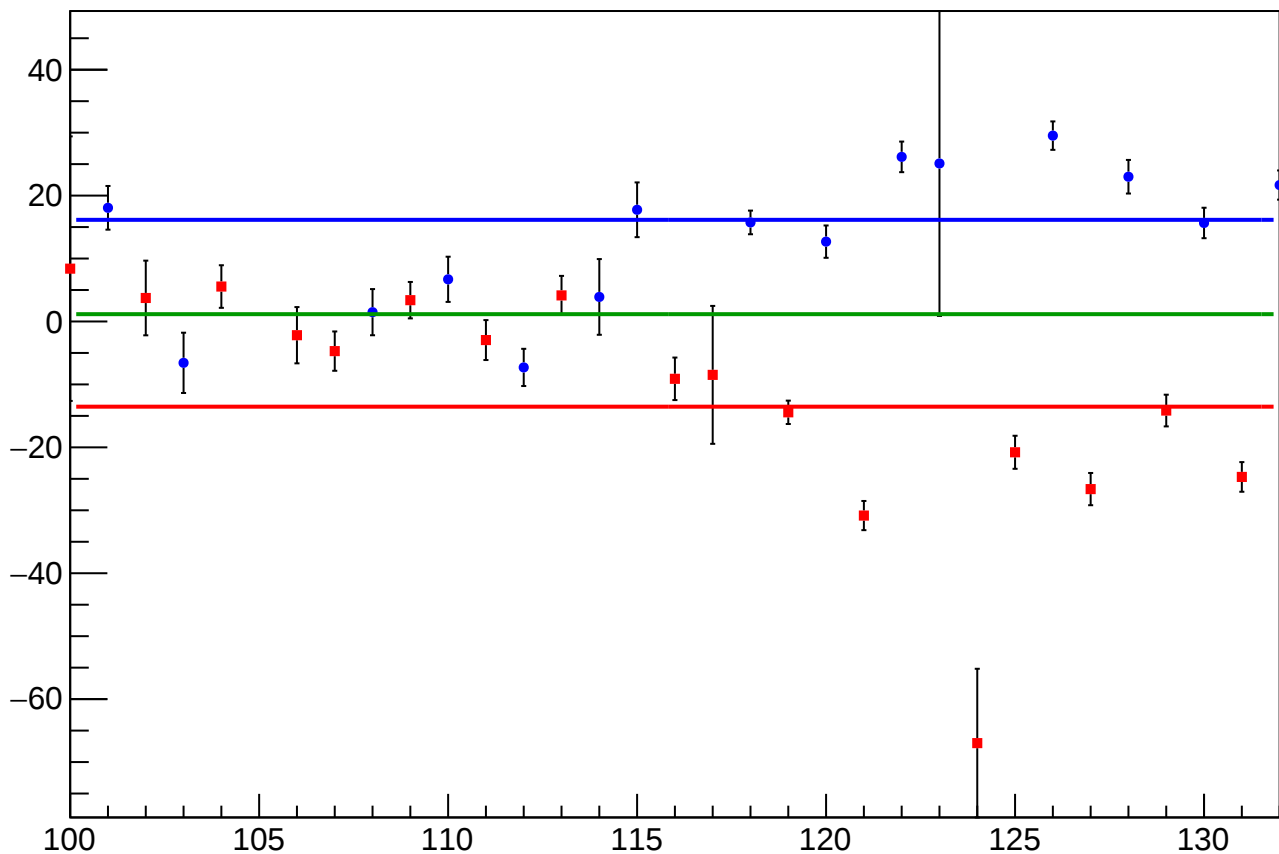
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

81.583+/-1.230 χ^2 /NDF: 1261.5/14

-5.546+/-0.850 χ^2 /NDF: 12208.3/31

-85.405+/-1.177 χ^2 /NDF: 1325.1/16

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.149 $\pm$ 0.751 χ^2 /NDF: 179.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.536 $\pm$ 0.744 χ^2 /NDF: 268.2/16

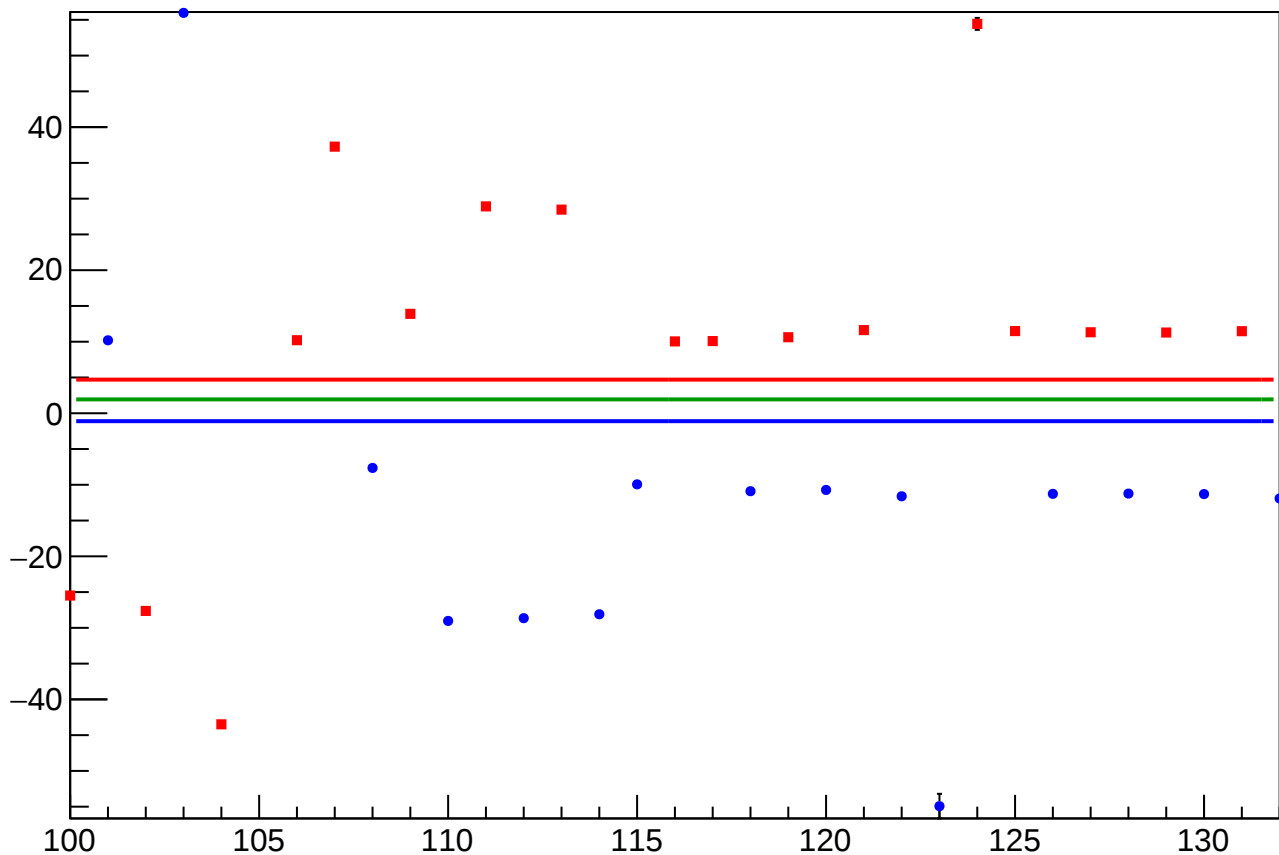
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.149 $\pm$ 0.751 χ^2 /NDF: 179.3/14

1.161 $\pm$ 0.528 χ^2 /NDF: 1236.2/31

-13.536 $\pm$ 0.744 χ^2 /NDF: 268.2/16

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.107+/-0.047 χ^2/NDF : 305162.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.702+/-0.045 χ^2/NDF : 308550.0/16

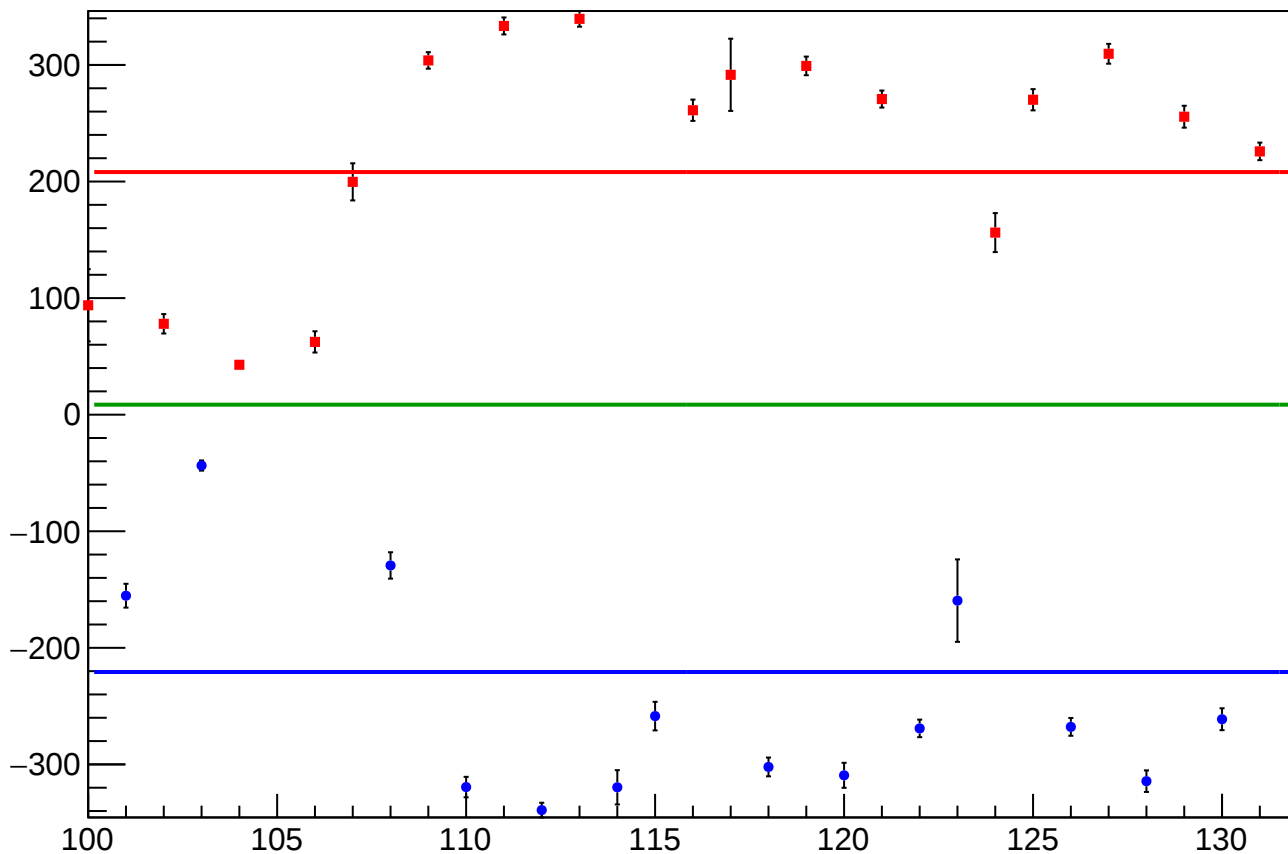
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.107+/-0.047 χ^2/NDF : 305162.2/14

1.938+/-0.032 χ^2/NDF : 621797.7/31

4.702+/-0.045 χ^2/NDF : 308550.0/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -220.749+/-2.120 χ^2 /NDF: 2665.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 208.136+/-1.978 χ^2 /NDF: 3422.0/16

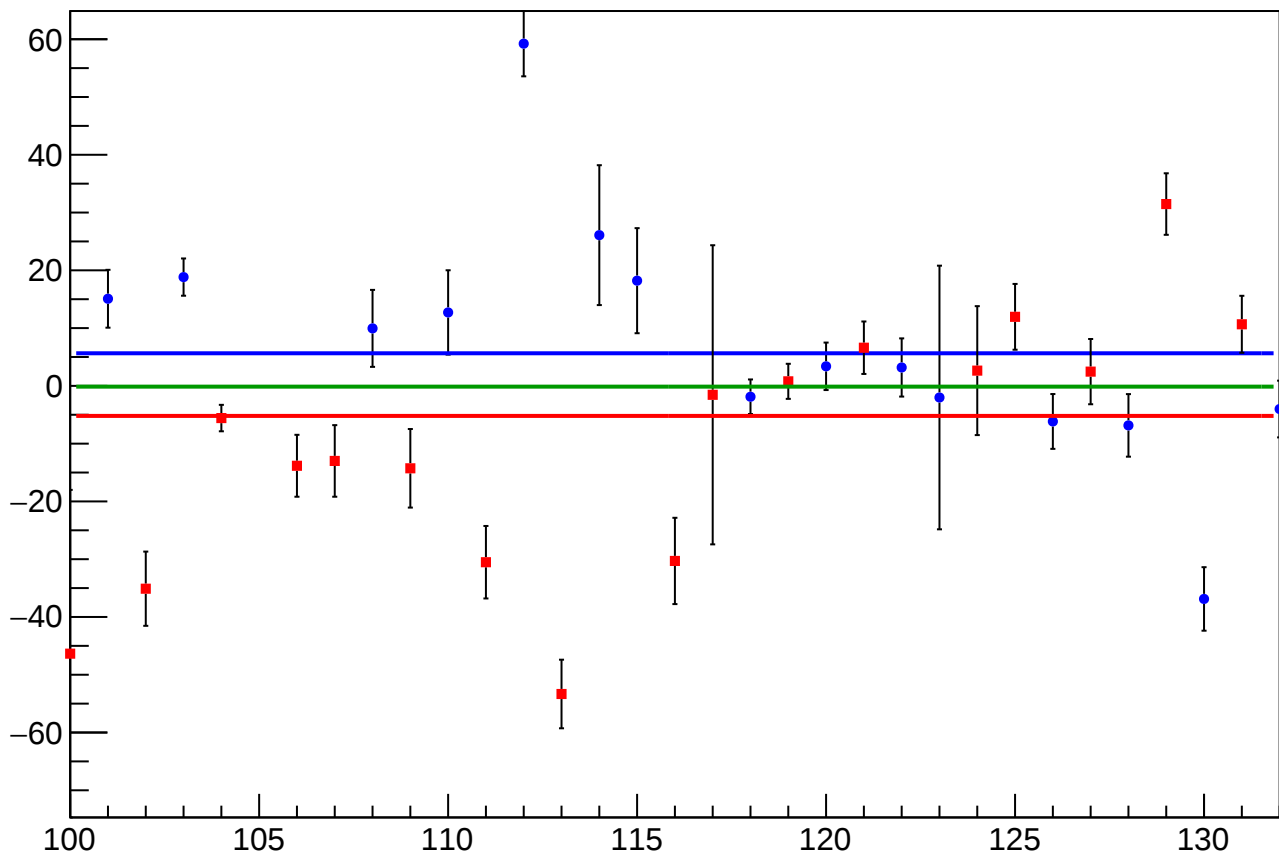
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-220.749+/-2.120 χ^2 /NDF: 2665.0/14

8.572+/-1.446 χ^2 /NDF: 27971.4/31

208.136+/-1.978 χ^2 /NDF: 3422.0/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.642+/-1.299 χ^2/NDF : 198.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.199+/-1.216 χ^2/NDF : 202.9/16

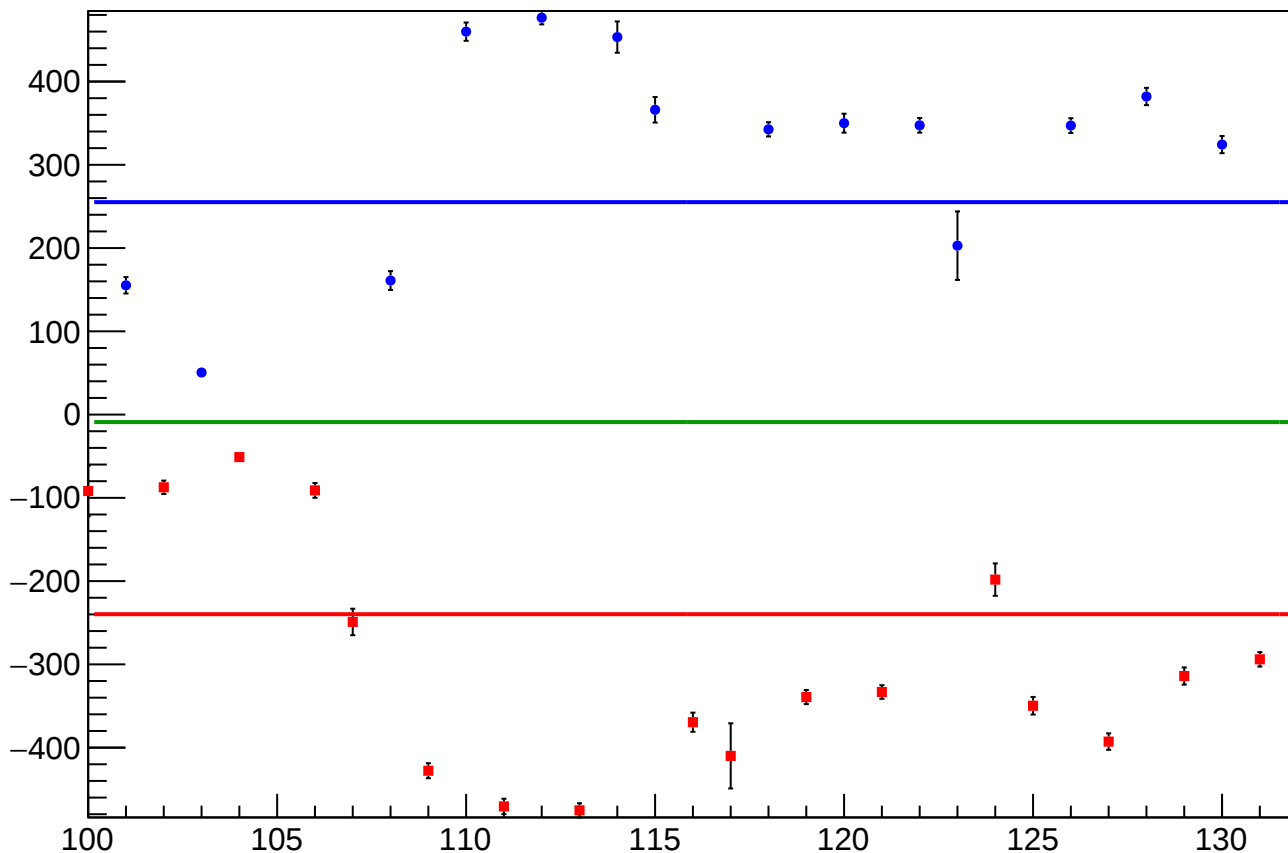
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.642+/-1.299 χ^2/NDF : 198.4/14

-0.132+/-0.888 χ^2/NDF : 438.5/31

-5.199+/-1.216 χ^2/NDF : 202.9/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 255.176 ± 2.314 χ^2/NDF : 4434.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -239.752 ± 2.163 χ^2/NDF : 5523.5/16

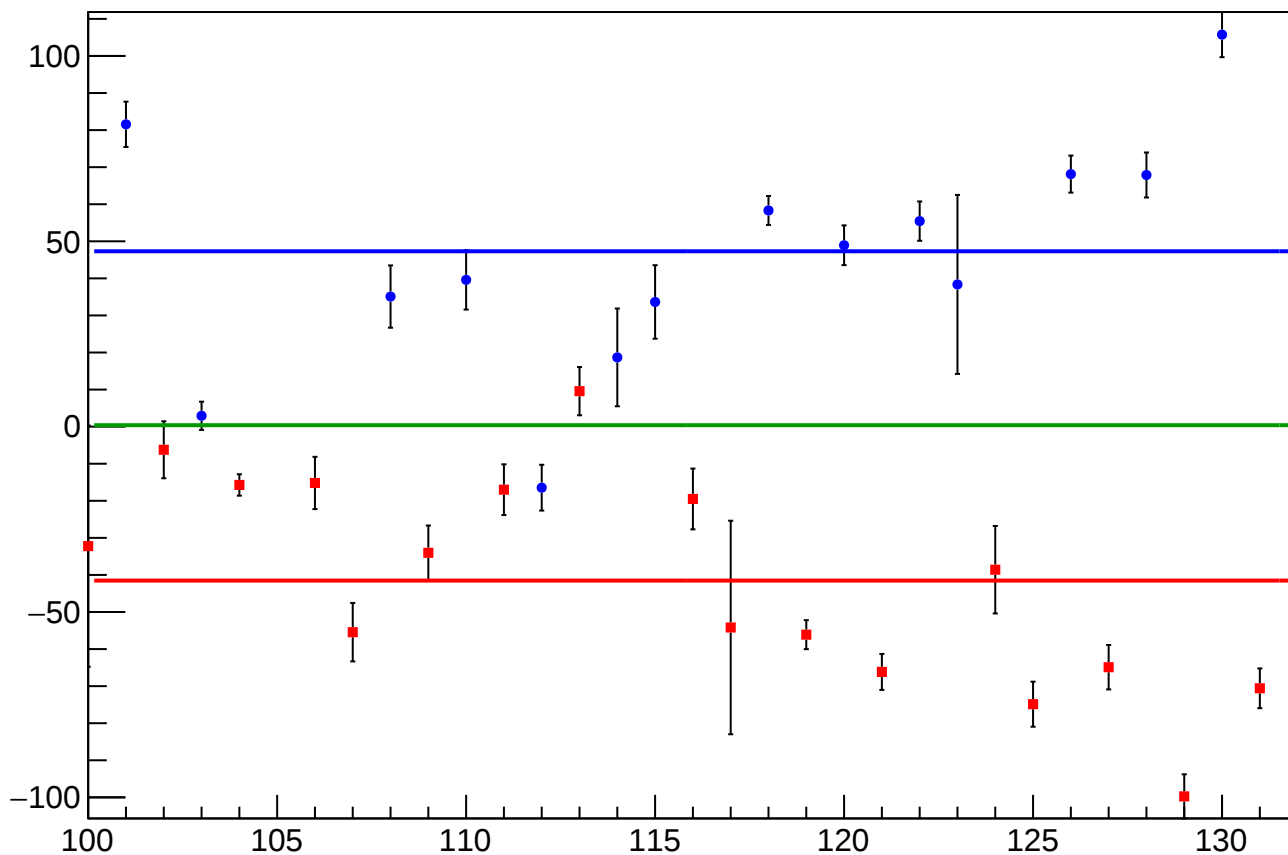
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

255.176 ± 2.314 χ^2/NDF : 4434.7/14

-8.977 ± 1.580 χ^2/NDF : 34371.1/31

-239.752 ± 2.163 χ^2/NDF : 5523.5/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.313+/-1.518 χ^2 /NDF: 419.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -41.520+/-1.434 χ^2 /NDF: 410.8/16

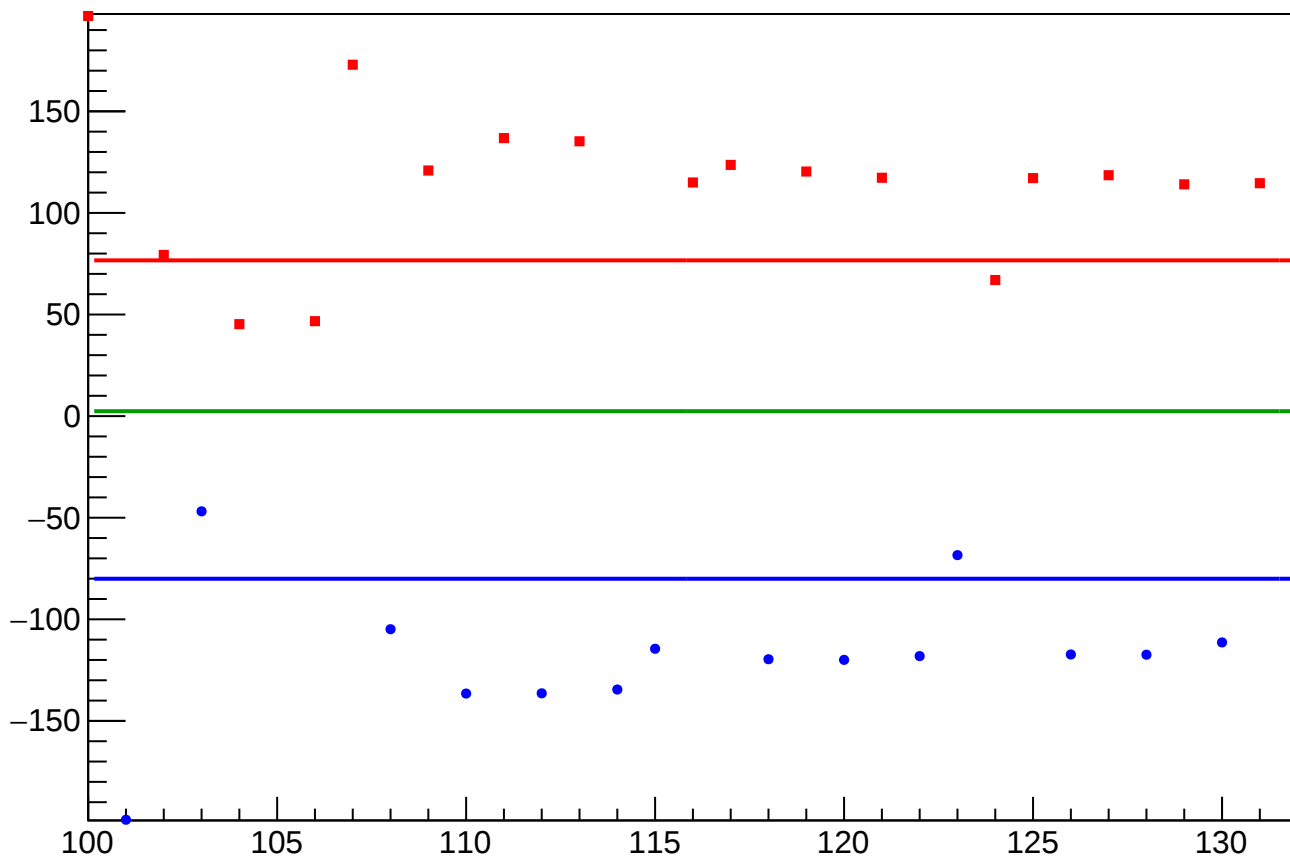
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

47.313+/-1.518 χ^2 /NDF: 419.4/14

0.390+/-1.042 χ^2 /NDF: 2640.2/31

-41.520+/-1.434 χ^2 /NDF: 410.8/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -80.036 ± 0.072 χ^2/NDF : 345026.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.654 ± 0.069 χ^2/NDF : 317651.0/16

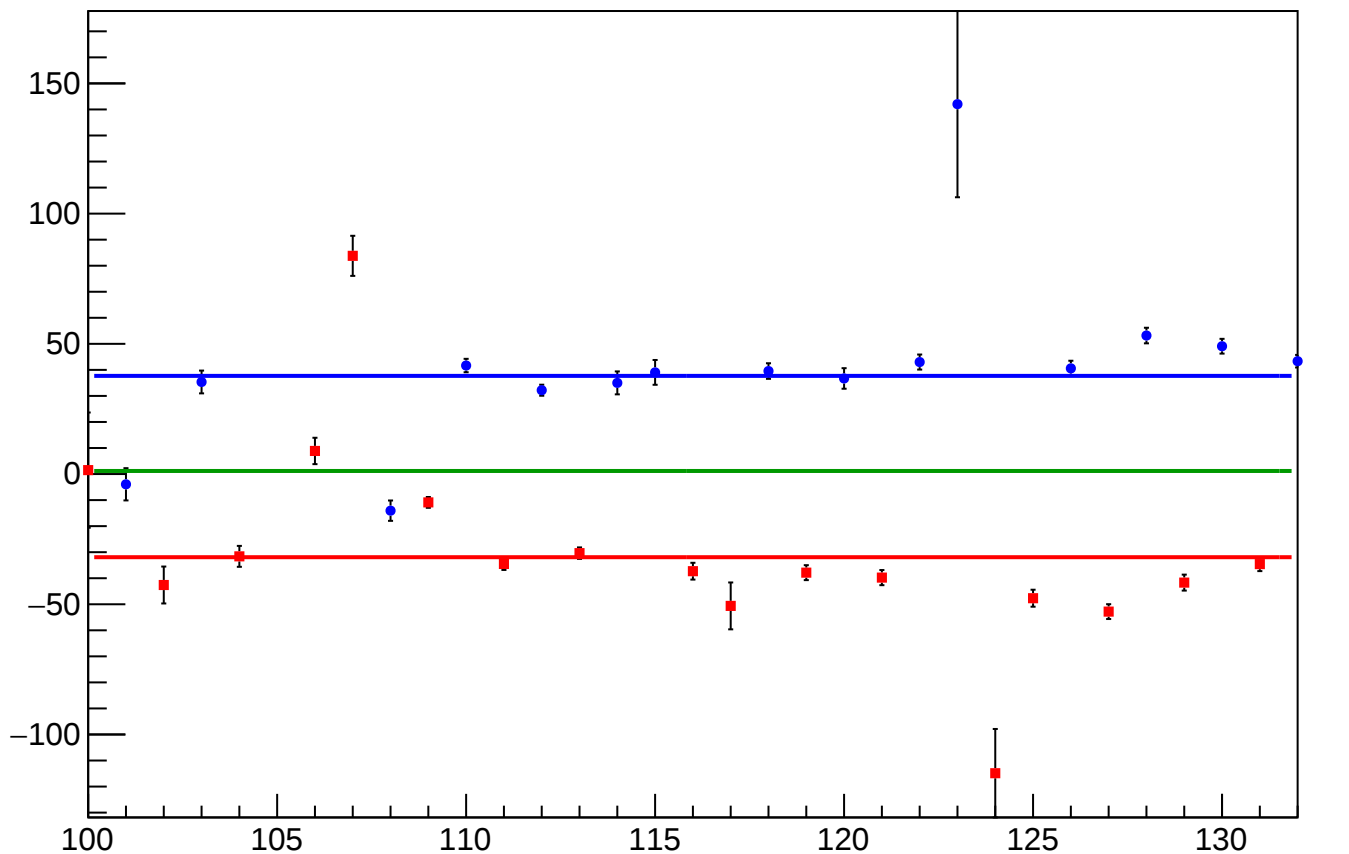
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-80.036 ± 0.072 χ^2/NDF : 345026.9/14

2.417 ± 0.050 χ^2/NDF : 3138538.2/31

76.654 ± 0.069 χ^2/NDF : 317651.0/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.698 ± 0.835 χ^2/NDF : 292.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.927 ± 0.795 χ^2/NDF : 531.1/16

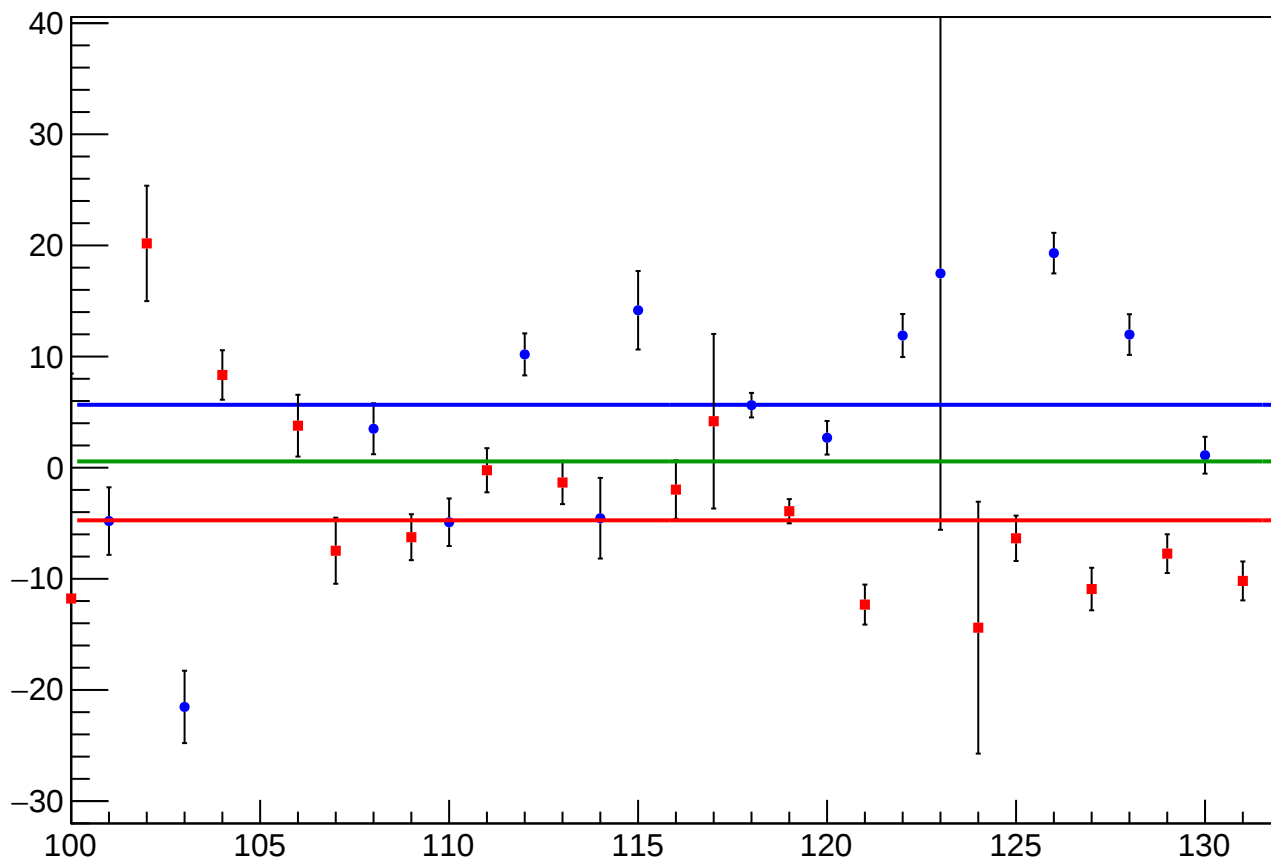
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

37.698 ± 0.835 χ^2/NDF : 292.3/14

1.182 ± 0.576 χ^2/NDF : 4468.9/31

-31.927 ± 0.795 χ^2/NDF : 531.1/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.659+/-0.508 χ^2/NDF : 216.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.736+/-0.518 χ^2/NDF : 121.8/16

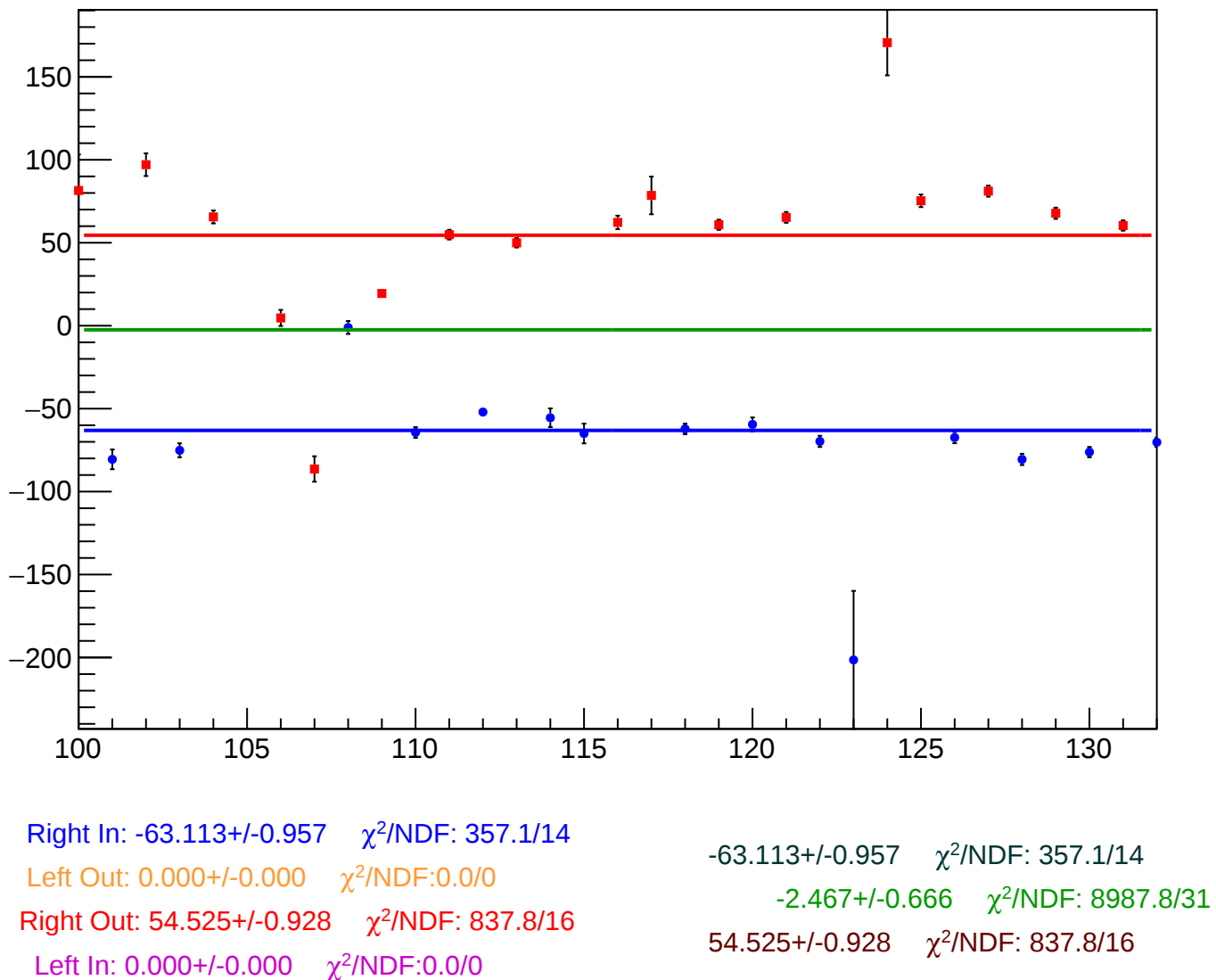
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.659+/-0.508 χ^2/NDF : 216.9/14

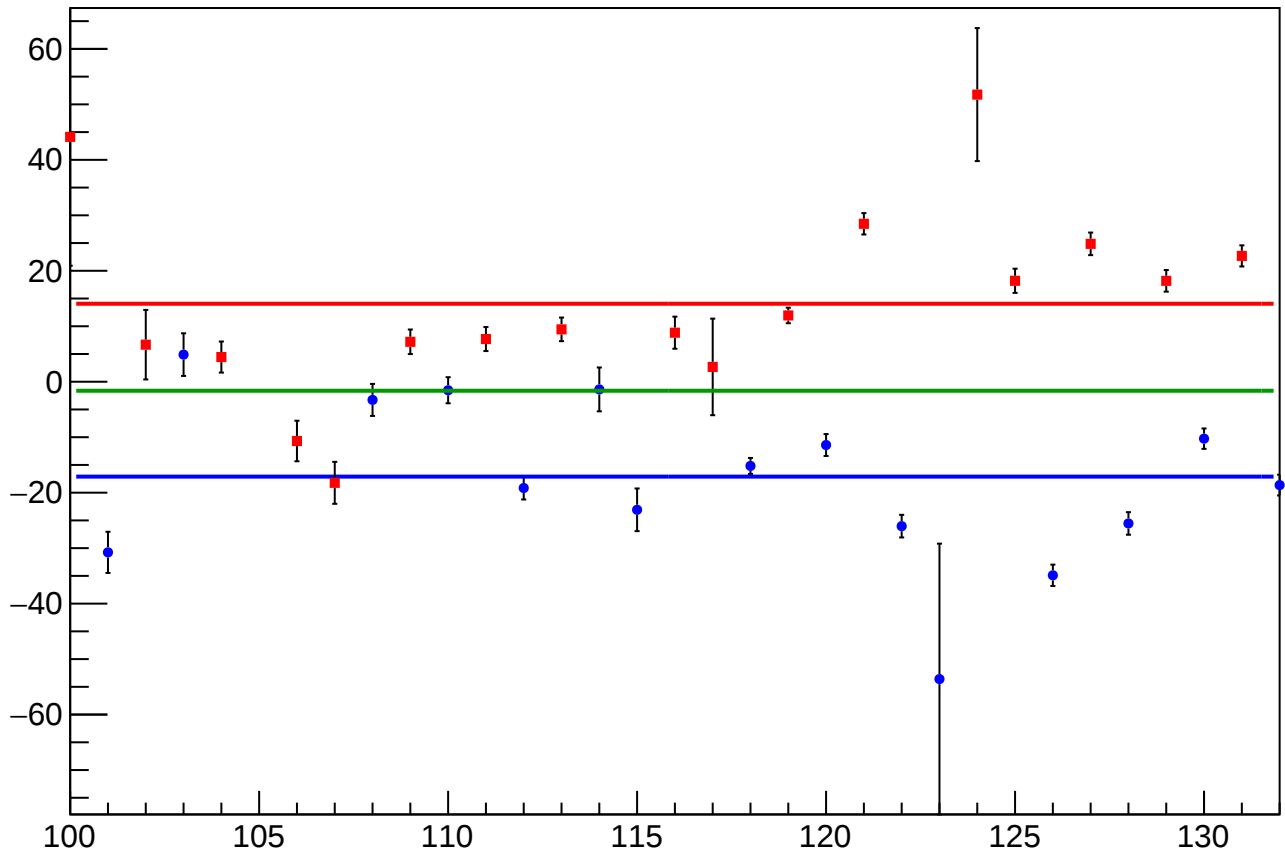
0.565+/-0.363 χ^2/NDF : 543.9/31

-4.736+/-0.518 χ^2/NDF : 121.8/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.104 $\pm$ 0.589 χ^2 /NDF: 281.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.061 $\pm$ 0.593 χ^2 /NDF: 286.3/16

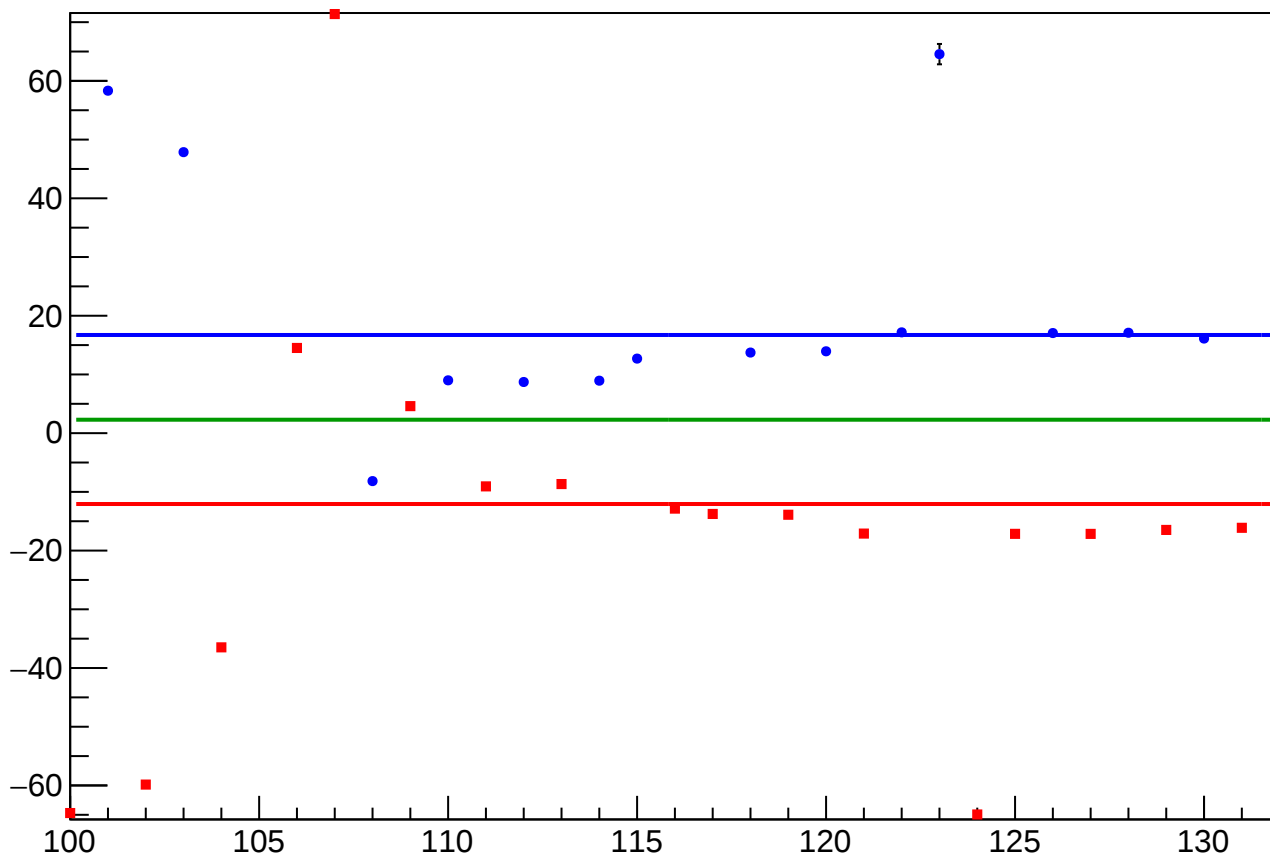
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.104 $\pm$ 0.589 χ^2 /NDF: 281.4/14

-1.623 $\pm$ 0.418 χ^2 /NDF: 1958.3/31

14.061 $\pm$ 0.593 χ^2 /NDF: 286.3/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.723+/-0.037 χ^2 /NDF: 233178.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -12.067+/-0.037 χ^2 /NDF: 449517.5/16

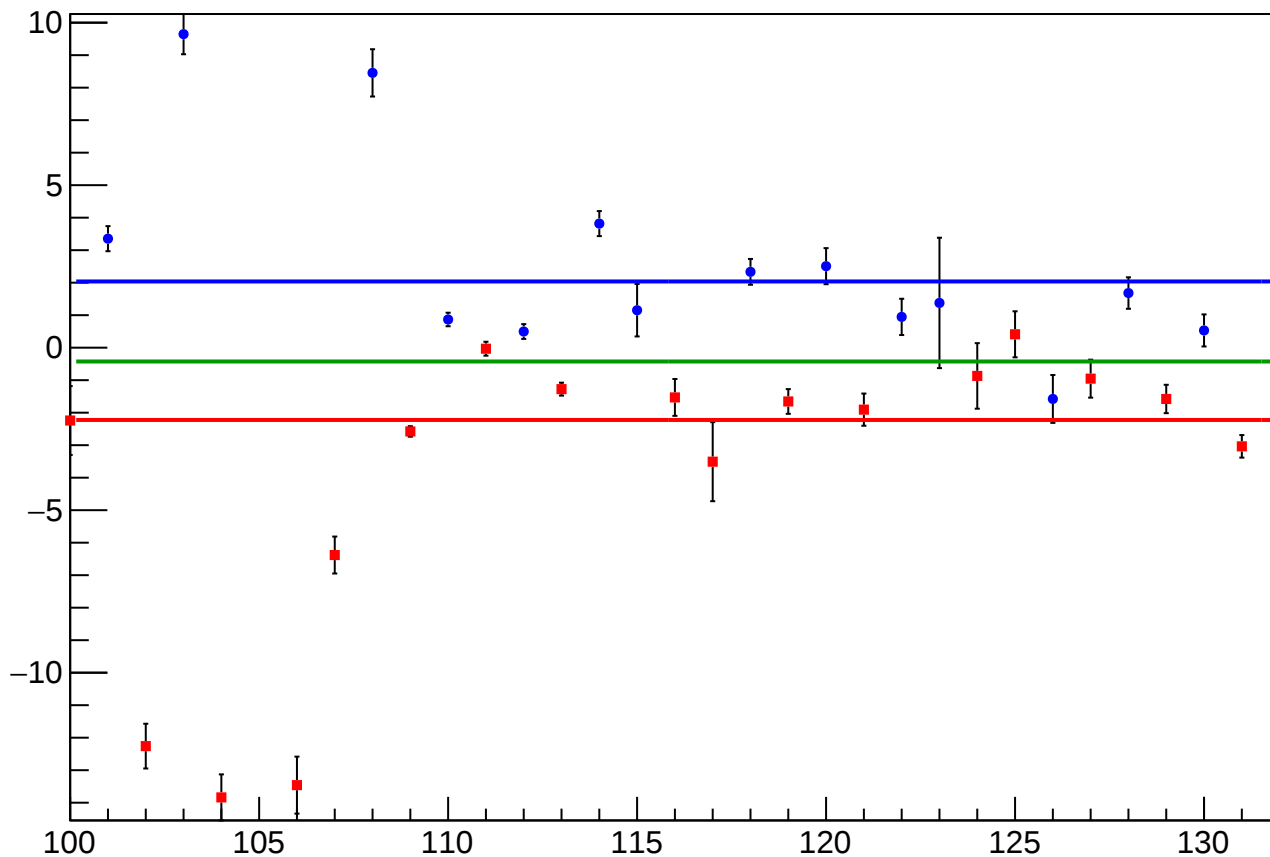
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.723+/-0.037 χ^2 /NDF: 233178.1/14

2.291+/-0.026 χ^2 /NDF: 988637.9/31

-12.067+/-0.037 χ^2 /NDF: 449517.5/16

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.038 $\pm$ 0.103 χ^2 /NDF: 422.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.224 $\pm$ 0.088 χ^2 /NDF: 864.1/16

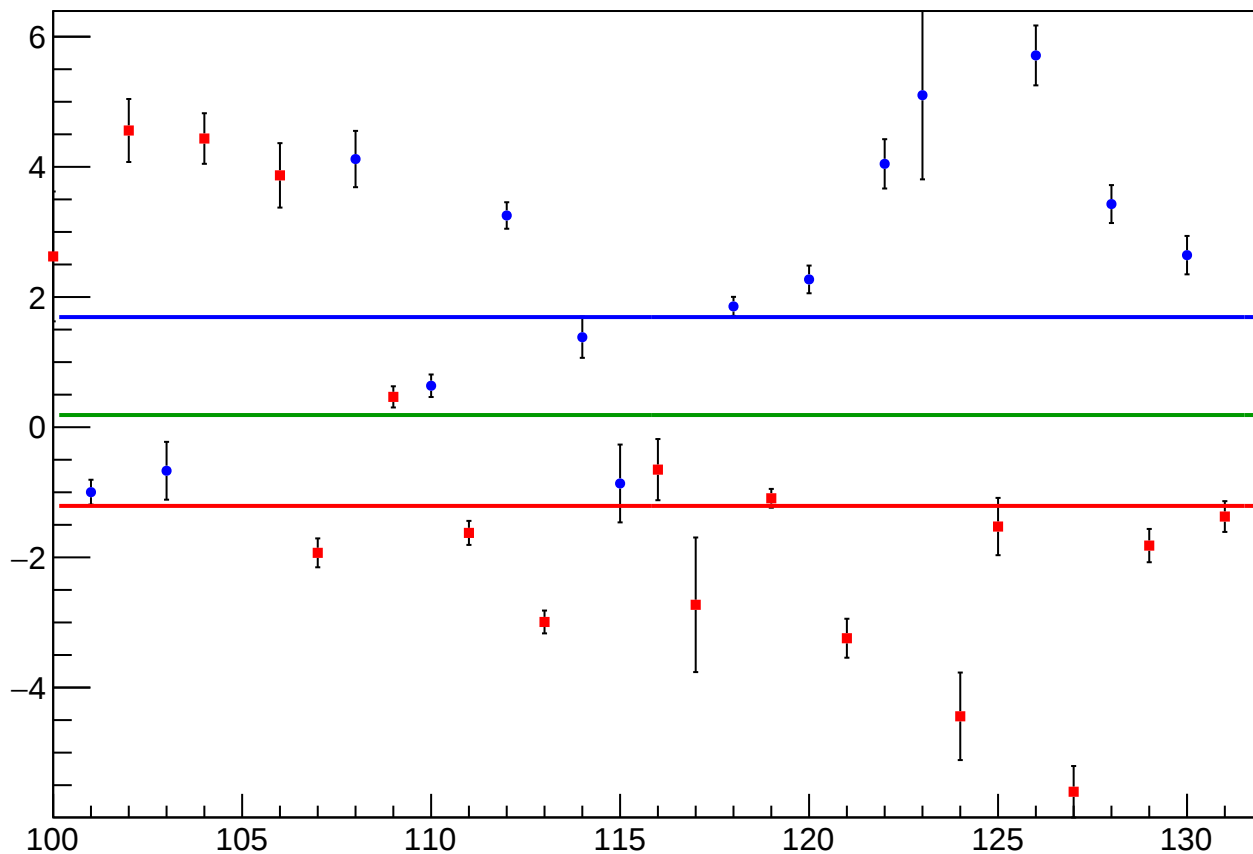
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.038 $\pm$ 0.103 χ^2 /NDF: 422.9/14

-0.425 $\pm$ 0.067 χ^2 /NDF: 2276.2/31

-2.224 $\pm$ 0.088 χ^2 /NDF: 864.1/16

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.692 $\pm$ 0.066 χ^2 /NDF: 554.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.209 $\pm$ 0.064 χ^2 /NDF: 901.6/16

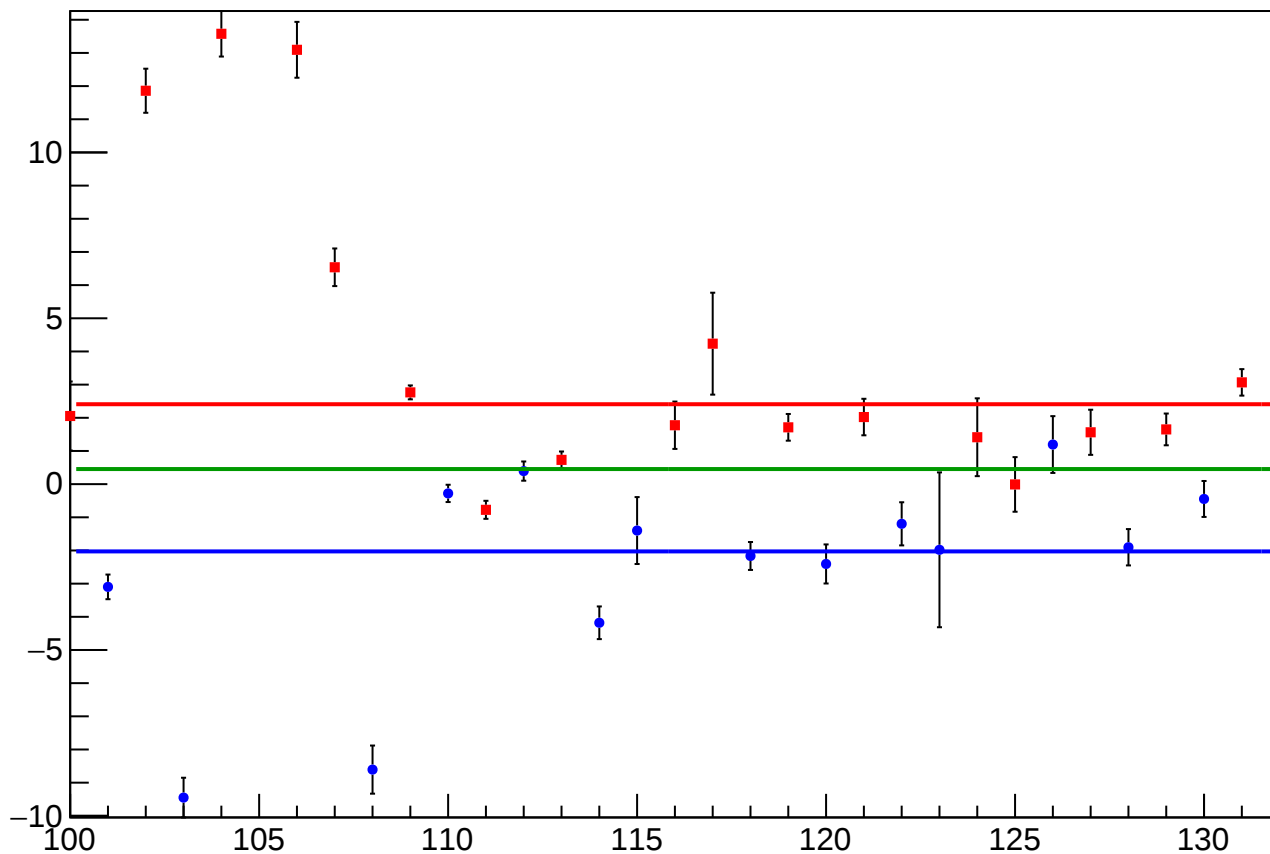
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.692 $\pm$ 0.066 χ^2 /NDF: 554.7/14

0.187 $\pm$ 0.046 χ^2 /NDF: 2459.1/31

-1.209 $\pm$ 0.064 χ^2 /NDF: 901.6/16

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.028 ± 0.120 χ^2/NDF : 439.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.409 ± 0.106 χ^2/NDF : 887.2/16

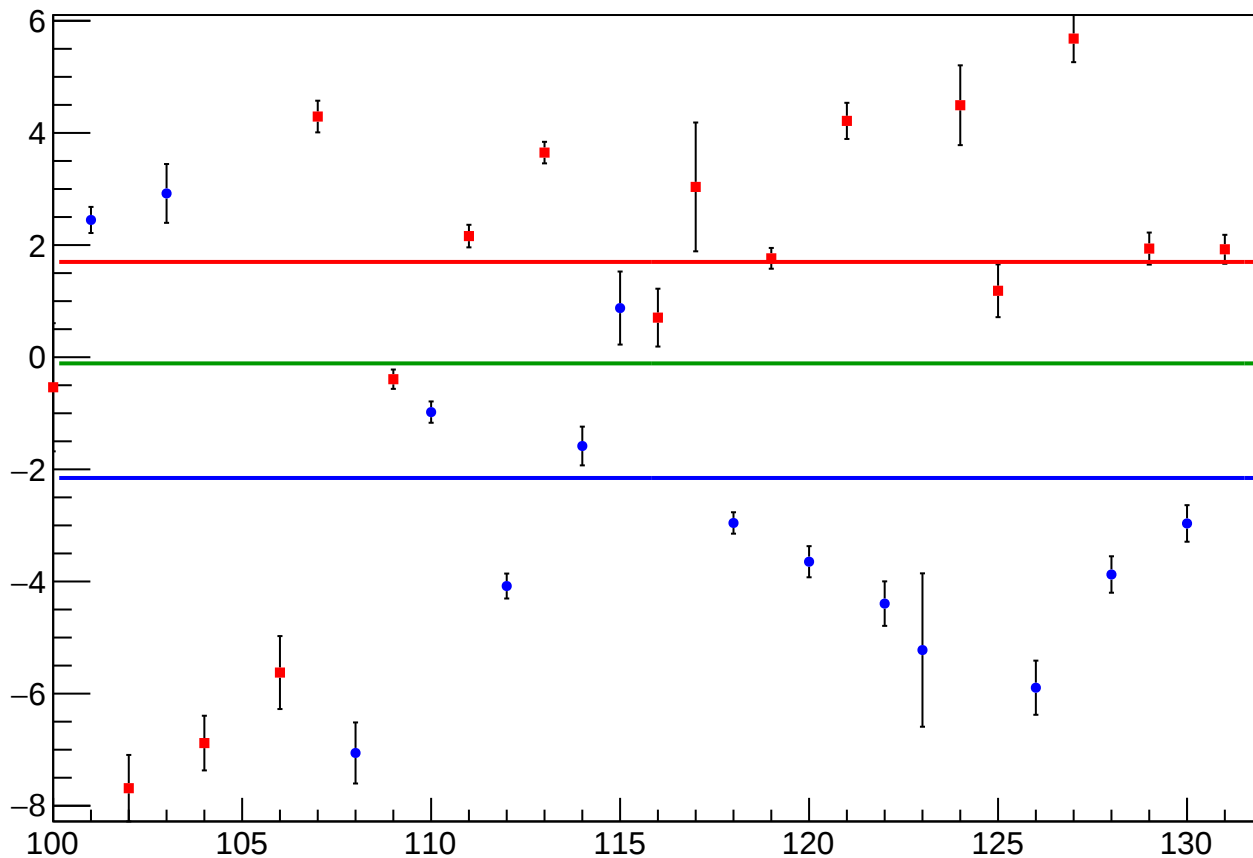
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.028 ± 0.120 χ^2/NDF : 439.5/14

0.455 ± 0.079 χ^2/NDF : 2094.9/31

2.409 ± 0.106 χ^2/NDF : 887.2/16

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.154+/-0.077 χ^2 /NDF: 882.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.699+/-0.072 χ^2 /NDF: 1204.2/16

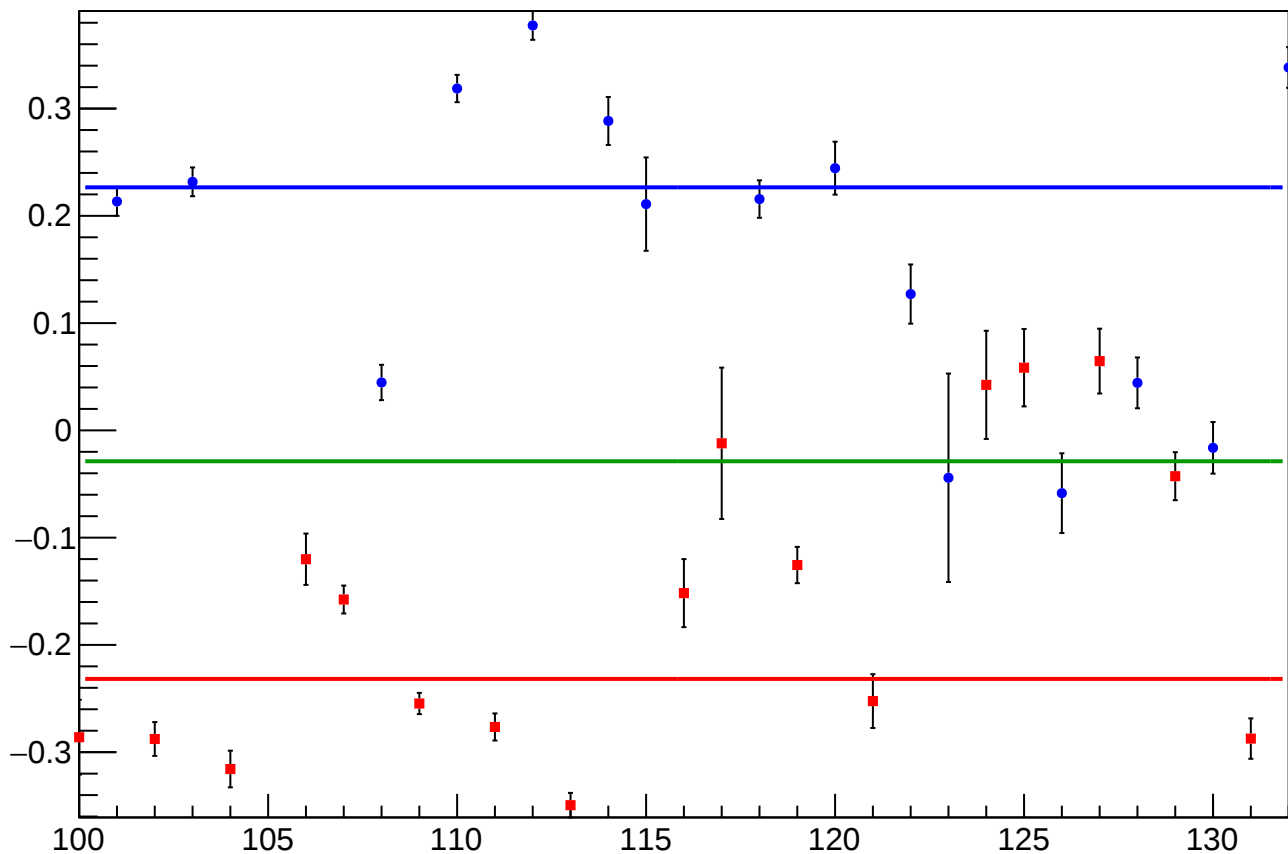
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.154+/-0.077 χ^2 /NDF: 882.4/14

-0.110+/-0.053 χ^2 /NDF: 3416.9/31

1.699+/-0.072 χ^2 /NDF: 1204.2/16

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.227 $\pm$ 0.005 χ^2 /NDF: 585.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.232 $\pm$ 0.004 χ^2 /NDF: 543.4/16

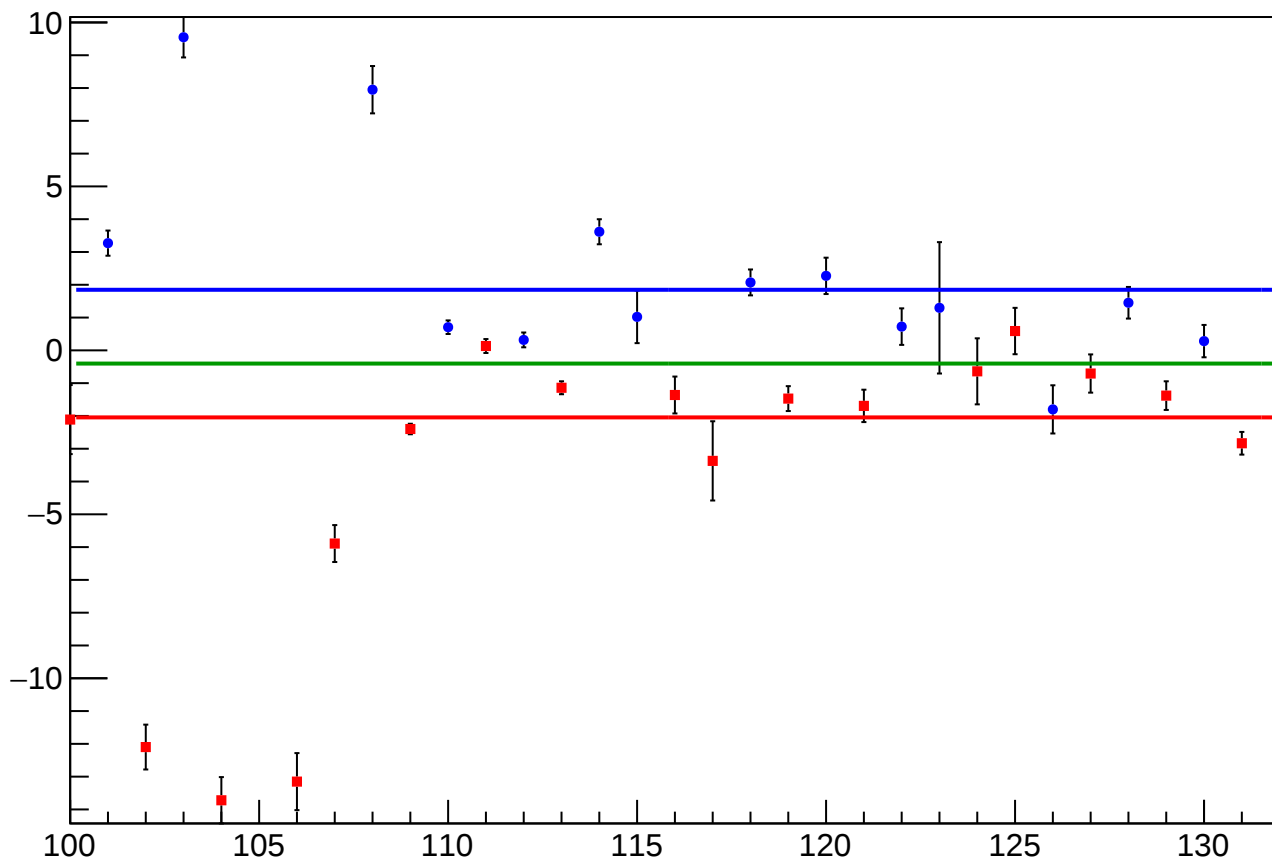
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.227 $\pm$ 0.005 χ^2 /NDF: 585.9/14

-0.029 $\pm$ 0.003 χ^2 /NDF: 6092.7/31

-0.232 $\pm$ 0.004 χ^2 /NDF: 543.4/16

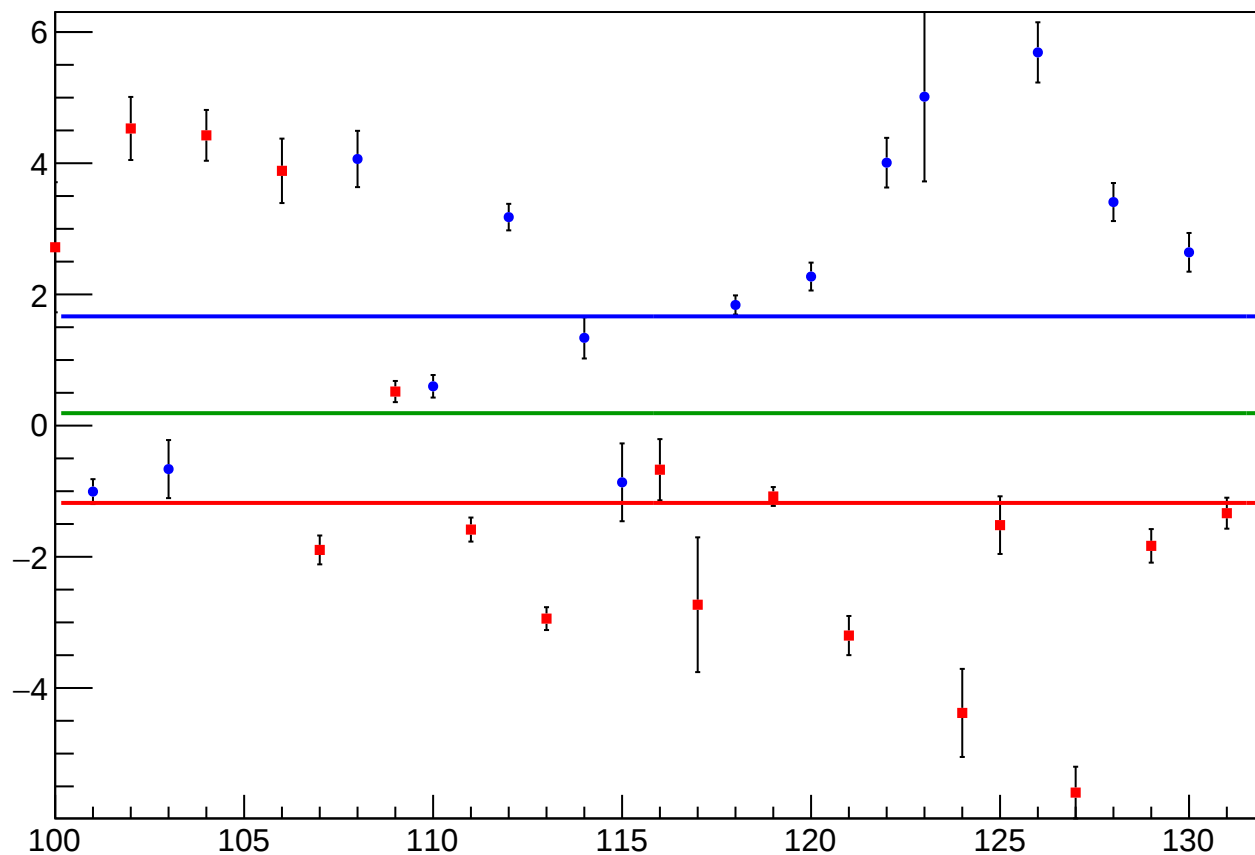
reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.847 ± 0.102 χ^2/NDF : 423.4/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.045 ± 0.088 χ^2/NDF : 863.4/16
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.847 ± 0.102 χ^2/NDF : 423.4/14
 -0.403 ± 0.067 χ^2/NDF : 2121.1/31
 -2.045 ± 0.088 χ^2/NDF : 863.4/16

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.665 $\pm$ 0.066 χ^2 /NDF: 553.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.179 $\pm$ 0.063 χ^2 /NDF: 906.2/16

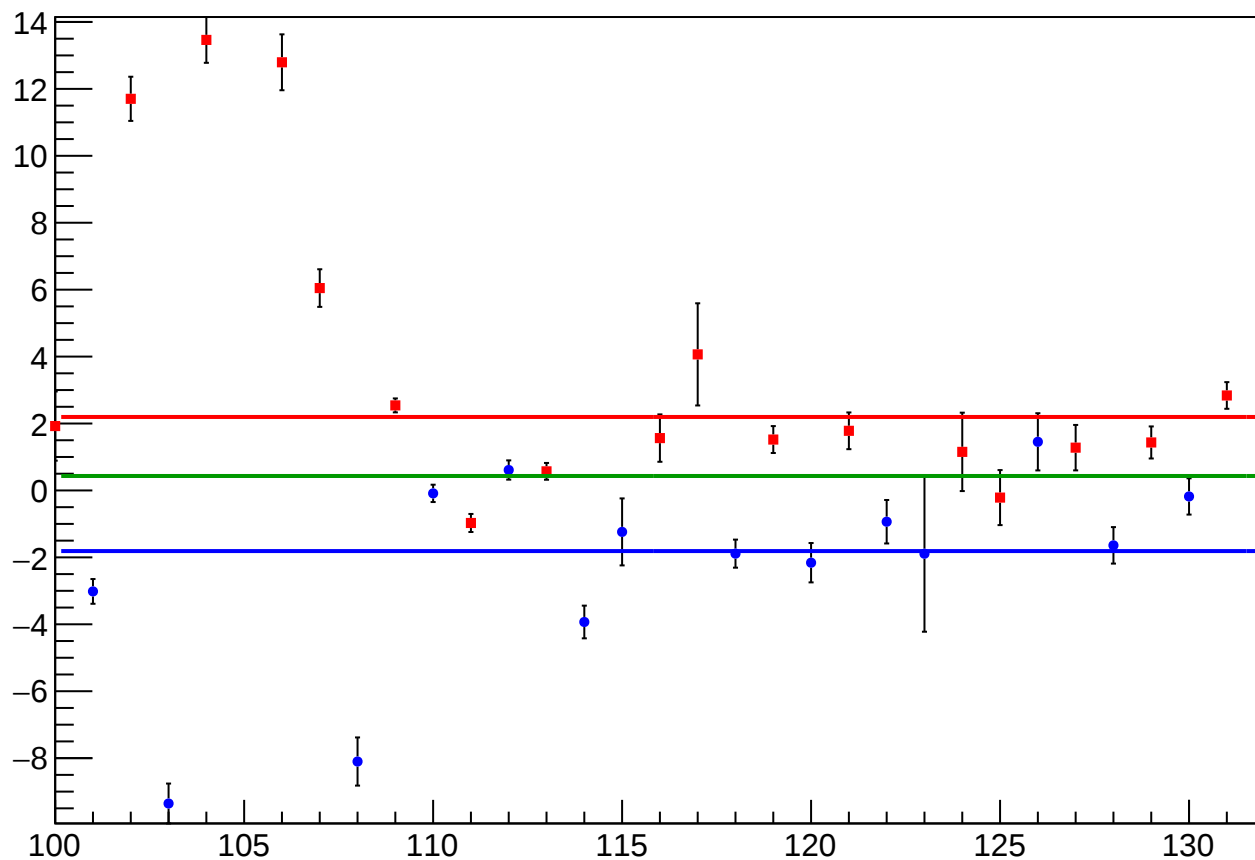
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.665 $\pm$ 0.066 χ^2 /NDF: 553.5/14

0.190 $\pm$ 0.046 χ^2 /NDF: 2432.2/31

-1.179 $\pm$ 0.063 χ^2 /NDF: 906.2/16

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.812 ± 0.119 χ^2/NDF : 443.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.196 ± 0.106 χ^2/NDF : 891.3/16

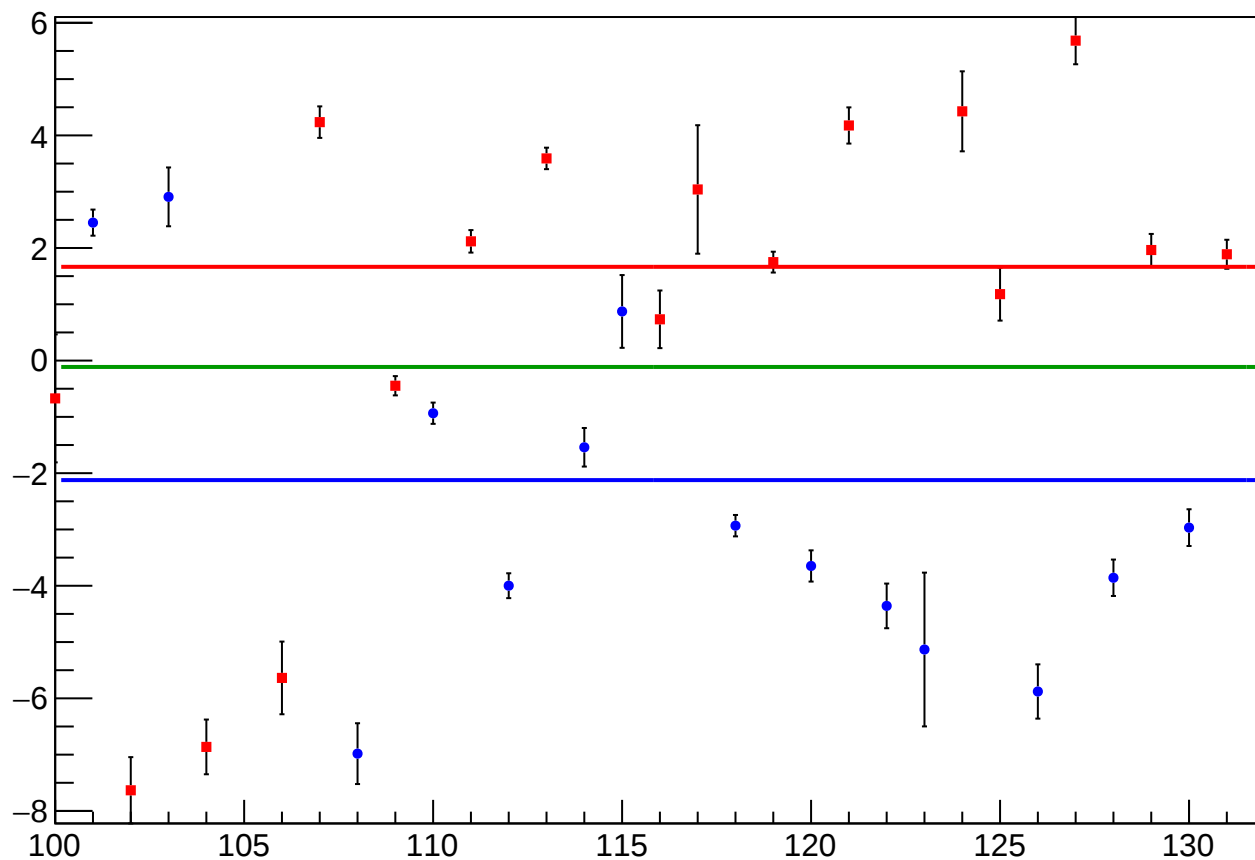
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.812 ± 0.119 χ^2/NDF : 443.3/14

0.432 ± 0.079 χ^2/NDF : 1968.0/31

2.196 ± 0.106 χ^2/NDF : 891.3/16

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.123 ± 0.077 χ^2/NDF : 881.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.665 ± 0.072 χ^2/NDF : 1208.6/16

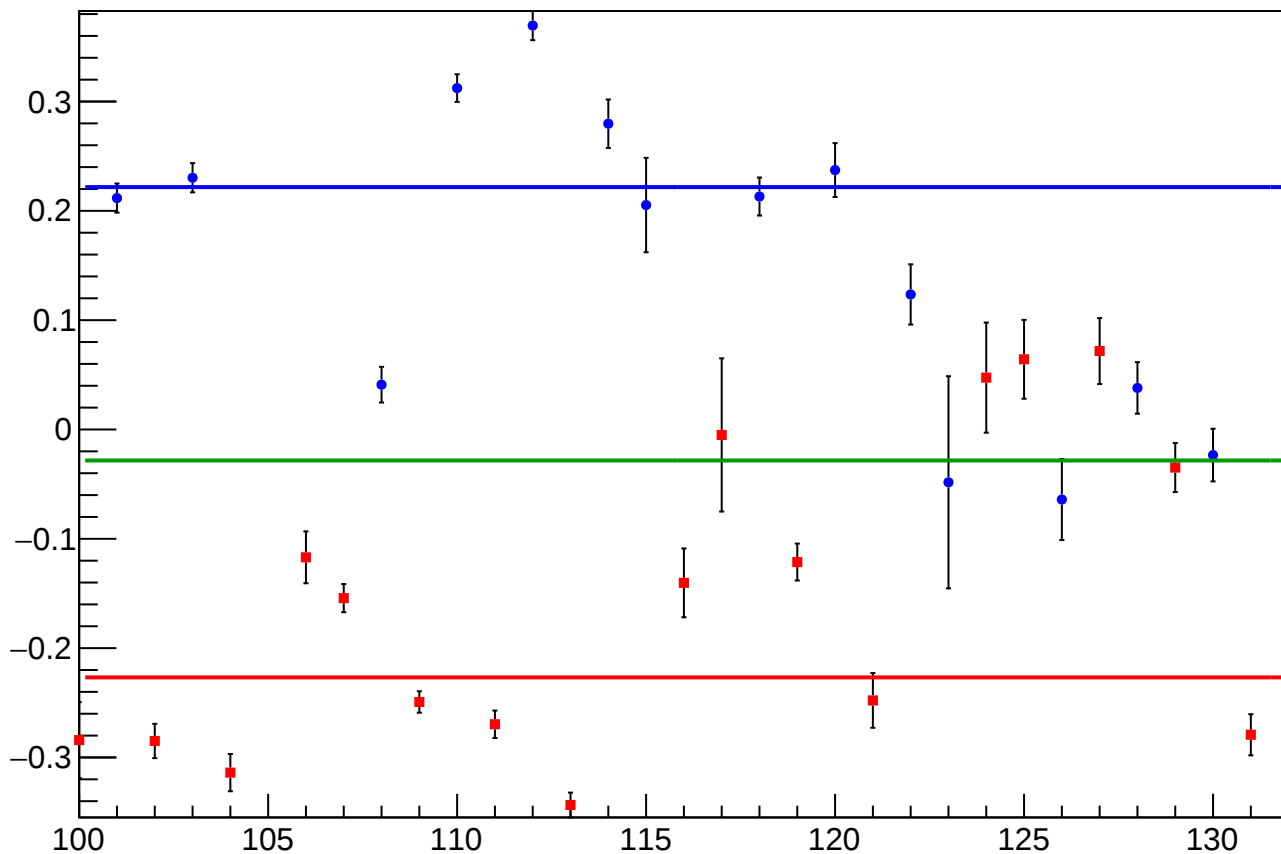
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.123 ± 0.077 χ^2/NDF : 881.8/14

-0.113 ± 0.052 χ^2/NDF : 3388.7/31

1.665 ± 0.072 χ^2/NDF : 1208.6/16

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.005 χ^2/NDF : 581.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.227 $\pm$ 0.004 χ^2/NDF : 549.4/16

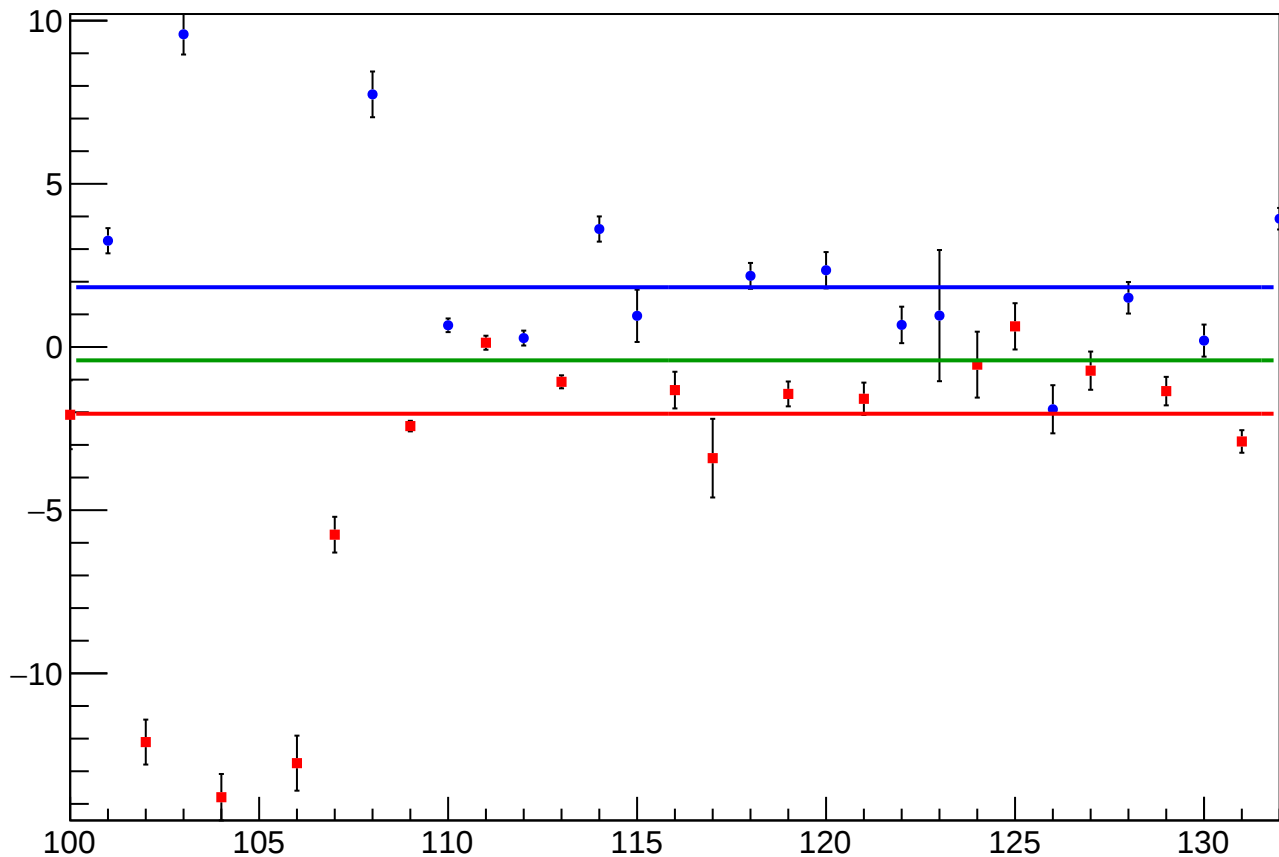
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.222 $\pm$ 0.005 χ^2/NDF : 581.7/14

-0.028 $\pm$ 0.003 χ^2/NDF : 5936.2/31

-0.227 $\pm$ 0.004 χ^2/NDF : 549.4/16

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.831 $\pm$ 0.103 χ^2/NDF : 424.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.045 $\pm$ 0.088 χ^2/NDF : 861.4/16

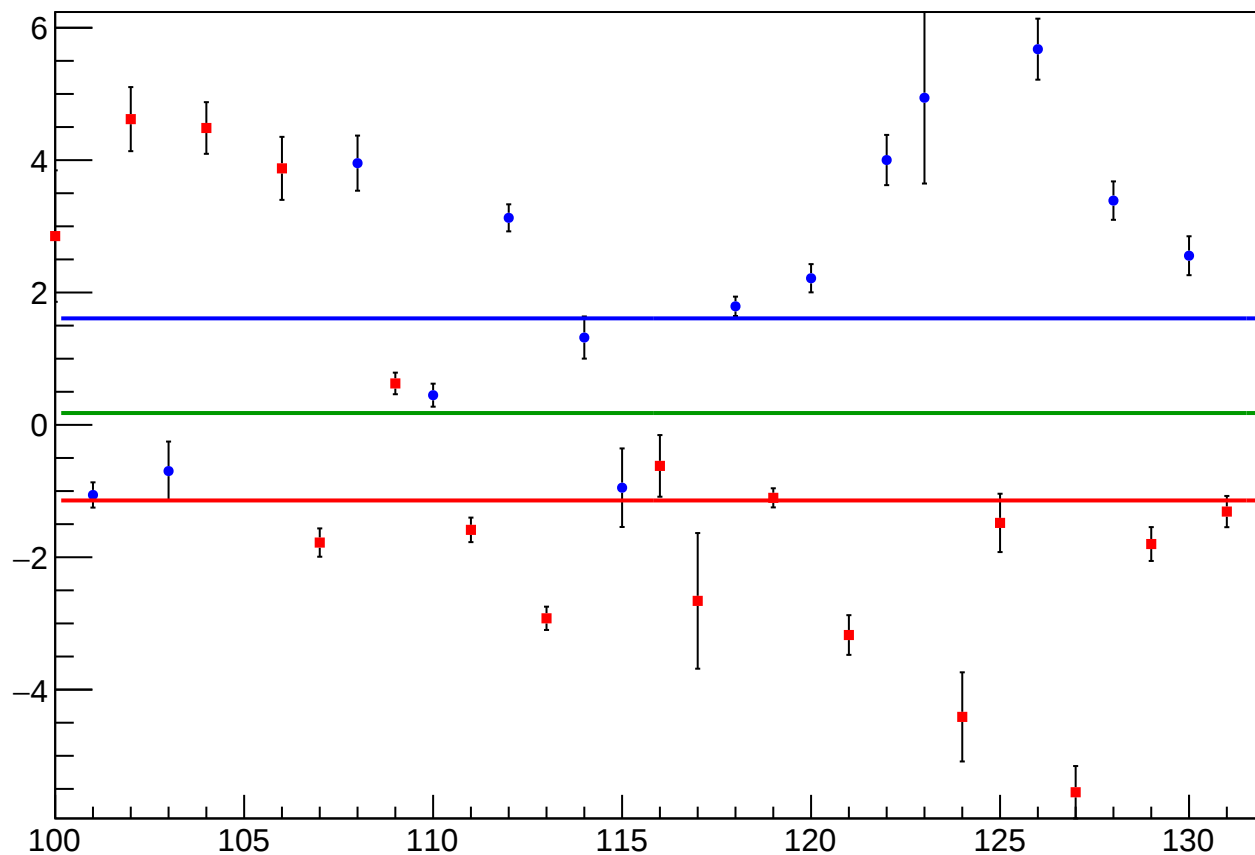
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.831 $\pm$ 0.103 χ^2/NDF : 424.6/14

-0.409 $\pm$ 0.067 χ^2/NDF : 2103.3/31

-2.045 $\pm$ 0.088 χ^2/NDF : 861.4/16

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.609 $\pm$ 0.066 χ^2 /NDF: 558.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.142 $\pm$ 0.063 χ^2 /NDF: 916.1/16

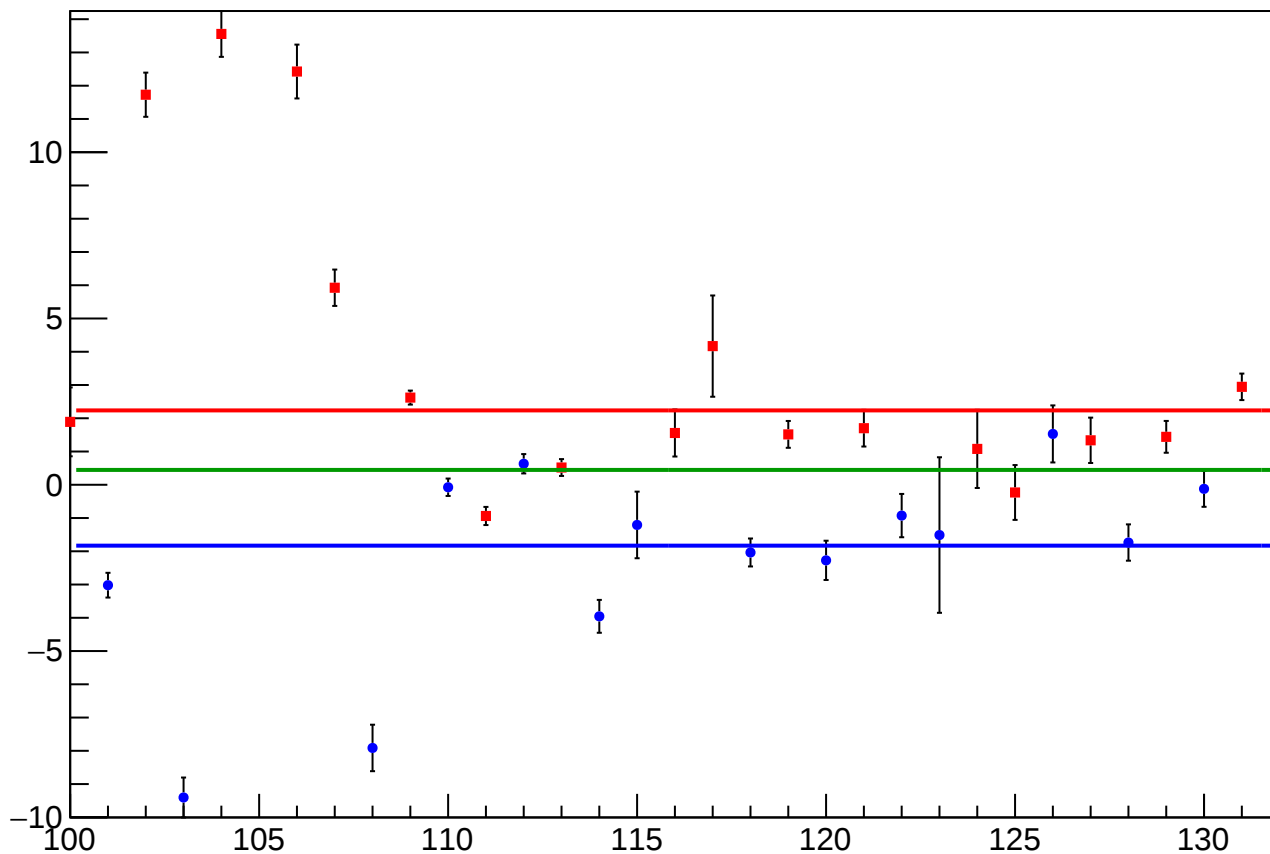
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.609 $\pm$ 0.066 χ^2 /NDF: 558.8/14

0.179 $\pm$ 0.046 χ^2 /NDF: 2378.8/31

-1.142 $\pm$ 0.063 χ^2 /NDF: 916.1/16

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.831 ± 0.120 $\chi^2/\text{NDF}: 442.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.236 ± 0.106 $\chi^2/\text{NDF}: 887.0/16$

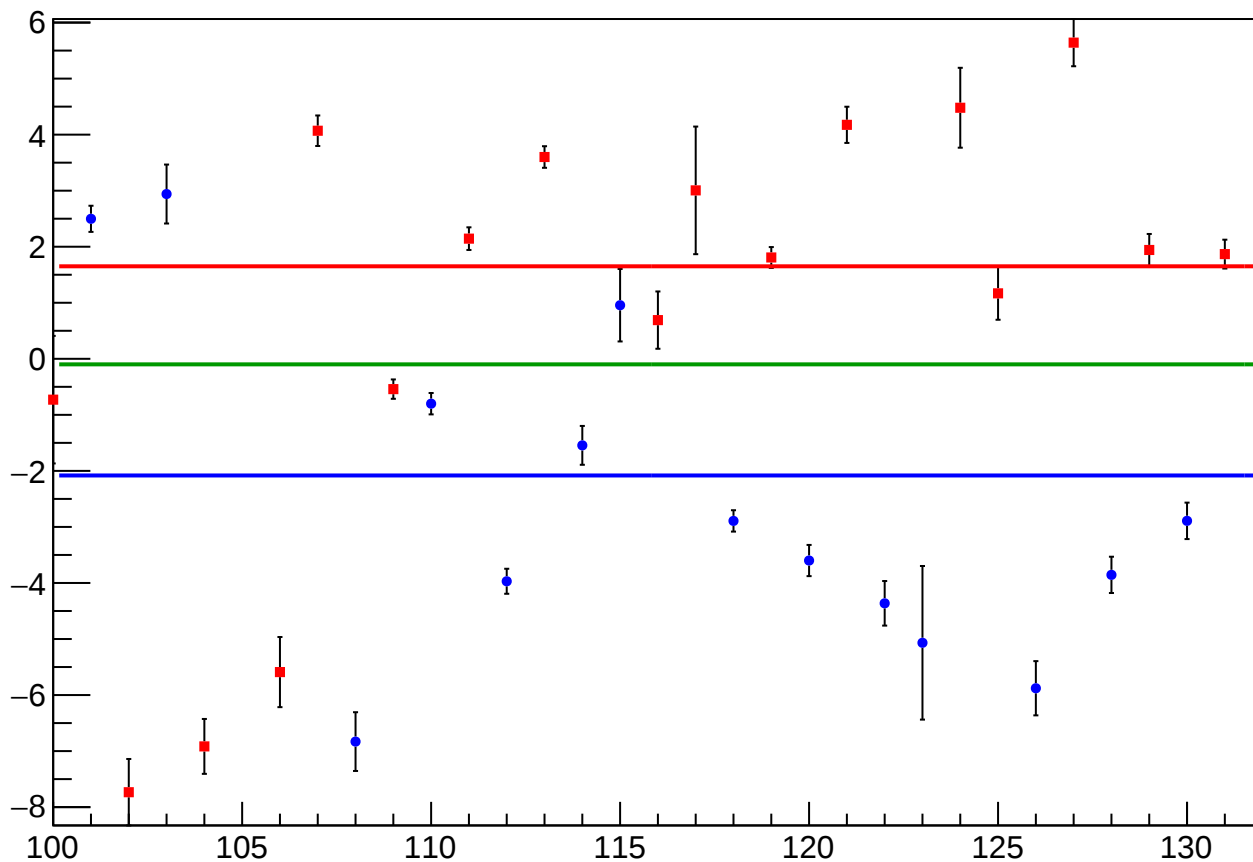
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.831 ± 0.120 $\chi^2/\text{NDF}: 442.3/14$

0.446 ± 0.079 $\chi^2/\text{NDF}: 1974.6/31$

2.236 ± 0.106 $\chi^2/\text{NDF}: 887.0/16$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.082+/-0.077 χ^2 /NDF: 884.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.651+/-0.072 χ^2 /NDF: 1217.8/16

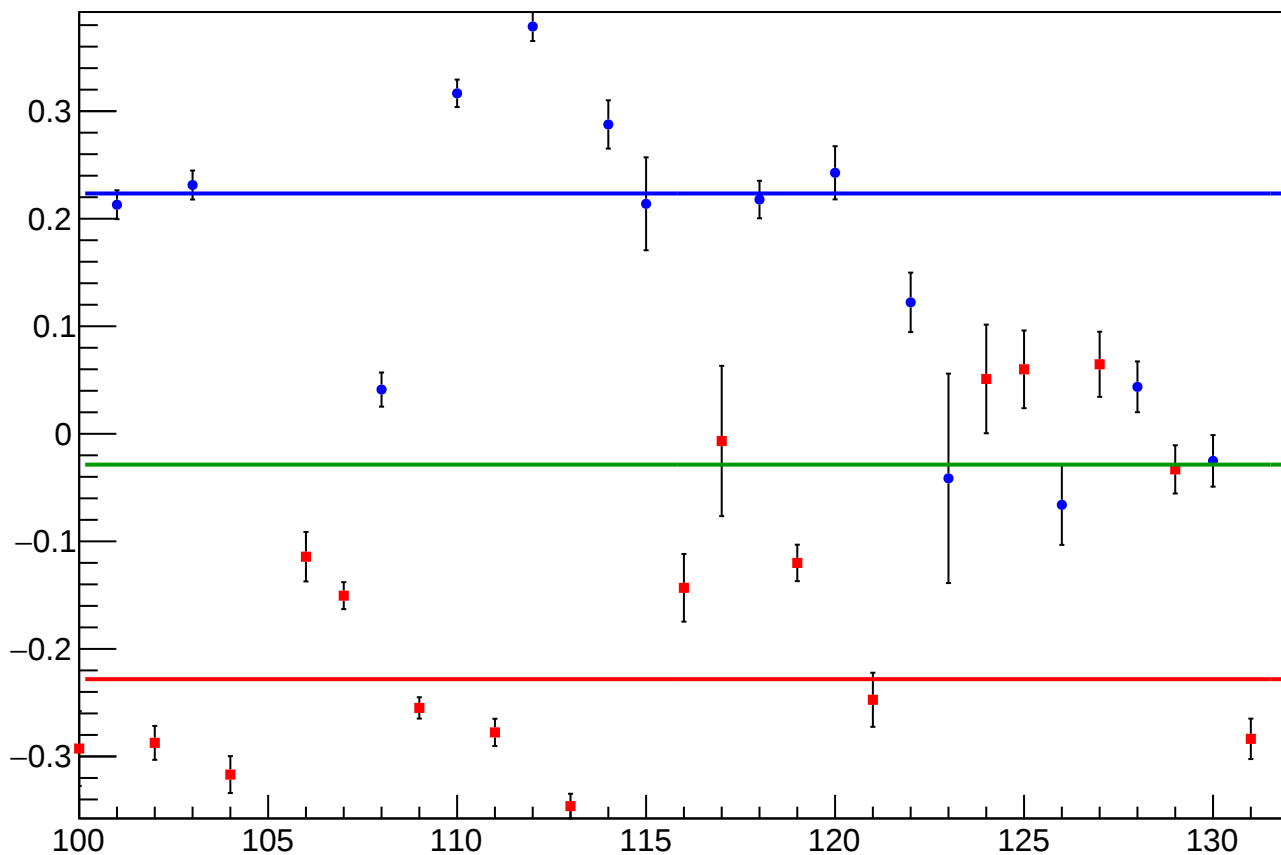
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.082+/-0.077 χ^2 /NDF: 884.6/14

-0.099+/-0.053 χ^2 /NDF: 3352.2/31

1.651+/-0.072 χ^2 /NDF: 1217.8/16

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.223 $\pm$ 0.005 χ^2/NDF : 607.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 $\pm$ 0.004 χ^2/NDF : 566.0/16

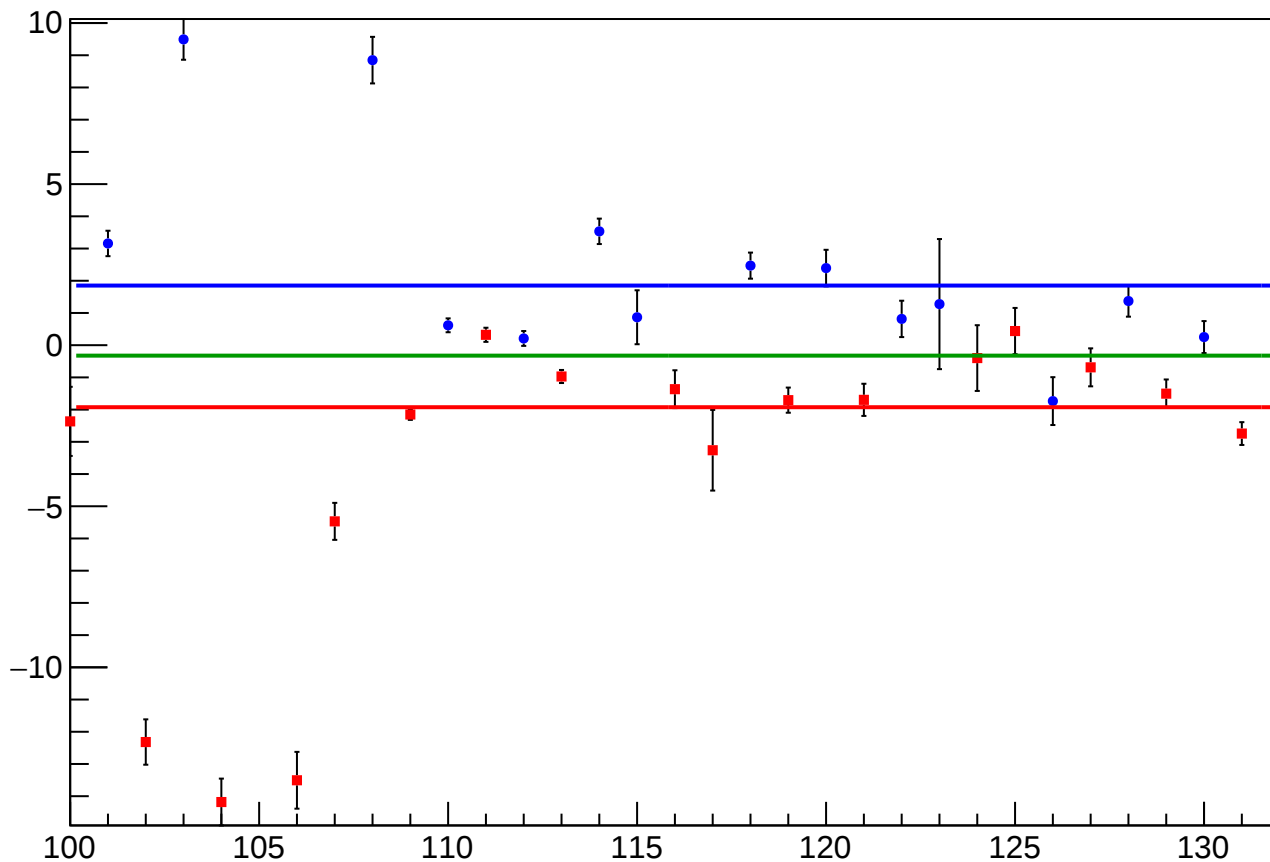
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.223 $\pm$ 0.005 χ^2/NDF : 607.2/14

-0.029 $\pm$ 0.003 χ^2/NDF : 6021.7/31

-0.228 $\pm$ 0.004 χ^2/NDF : 566.0/16

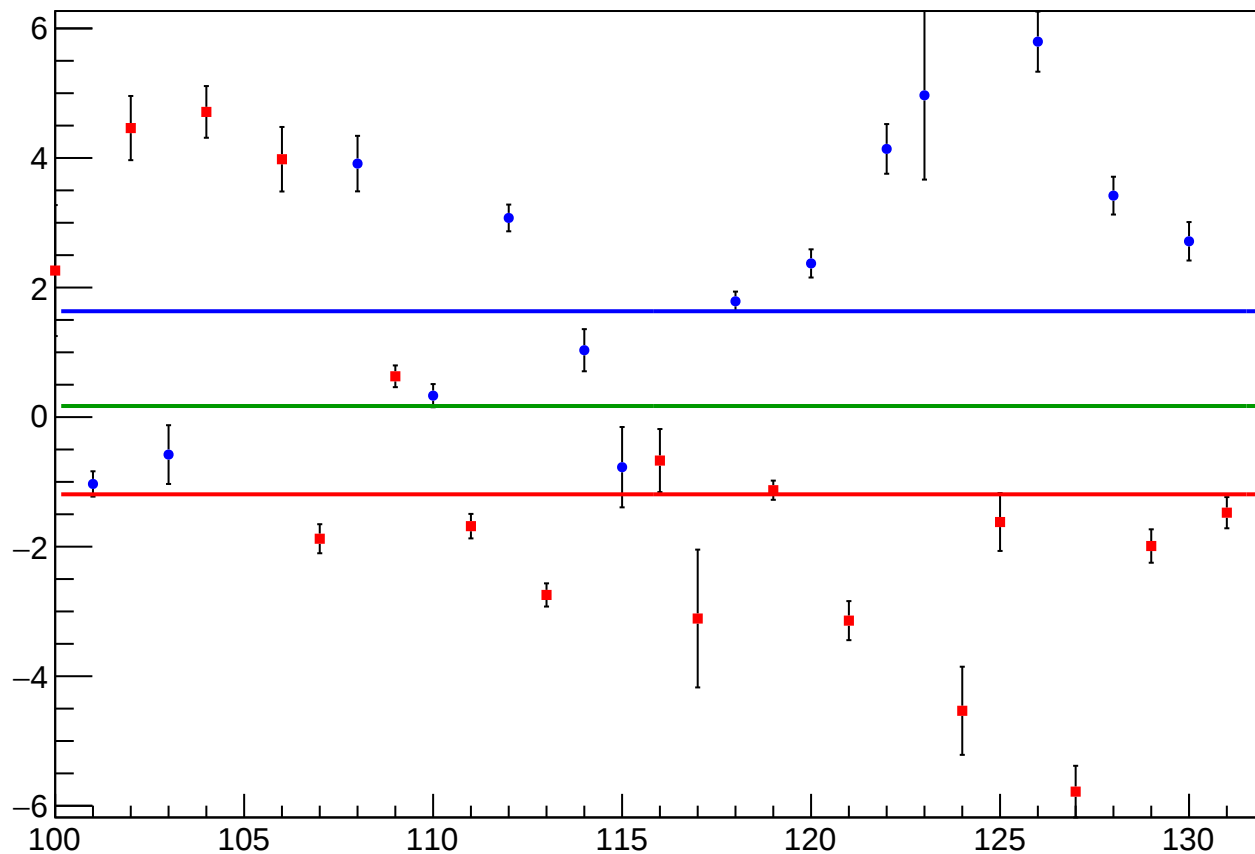
reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.851 ± 0.105 χ^2/NDF : 440.8/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -1.926 ± 0.090 χ^2/NDF : 868.2/16
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.851 ± 0.105 χ^2/NDF : 440.8/14
 -0.324 ± 0.068 χ^2/NDF : 2053.7/31
 -1.926 ± 0.090 χ^2/NDF : 868.2/16

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.634 $\pm$ 0.067 χ^2 /NDF: 554.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.192 $\pm$ 0.065 χ^2 /NDF: 892.7/16

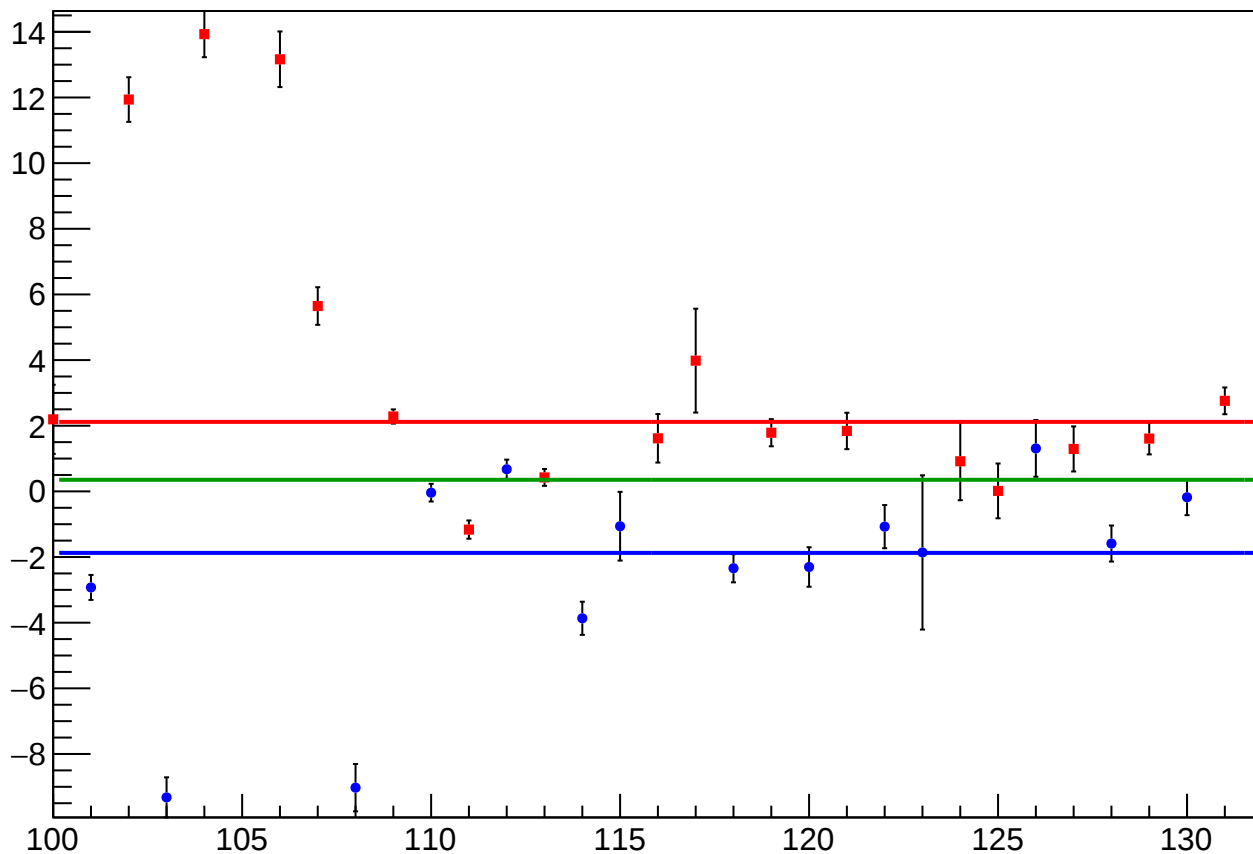
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.634 $\pm$ 0.067 χ^2 /NDF: 554.3/14

0.171 $\pm$ 0.047 χ^2 /NDF: 2361.5/31

-1.192 $\pm$ 0.065 χ^2 /NDF: 892.7/16

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.874+/-0.122 χ^2/NDF : 456.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.117+/-0.109 χ^2/NDF : 896.4/16

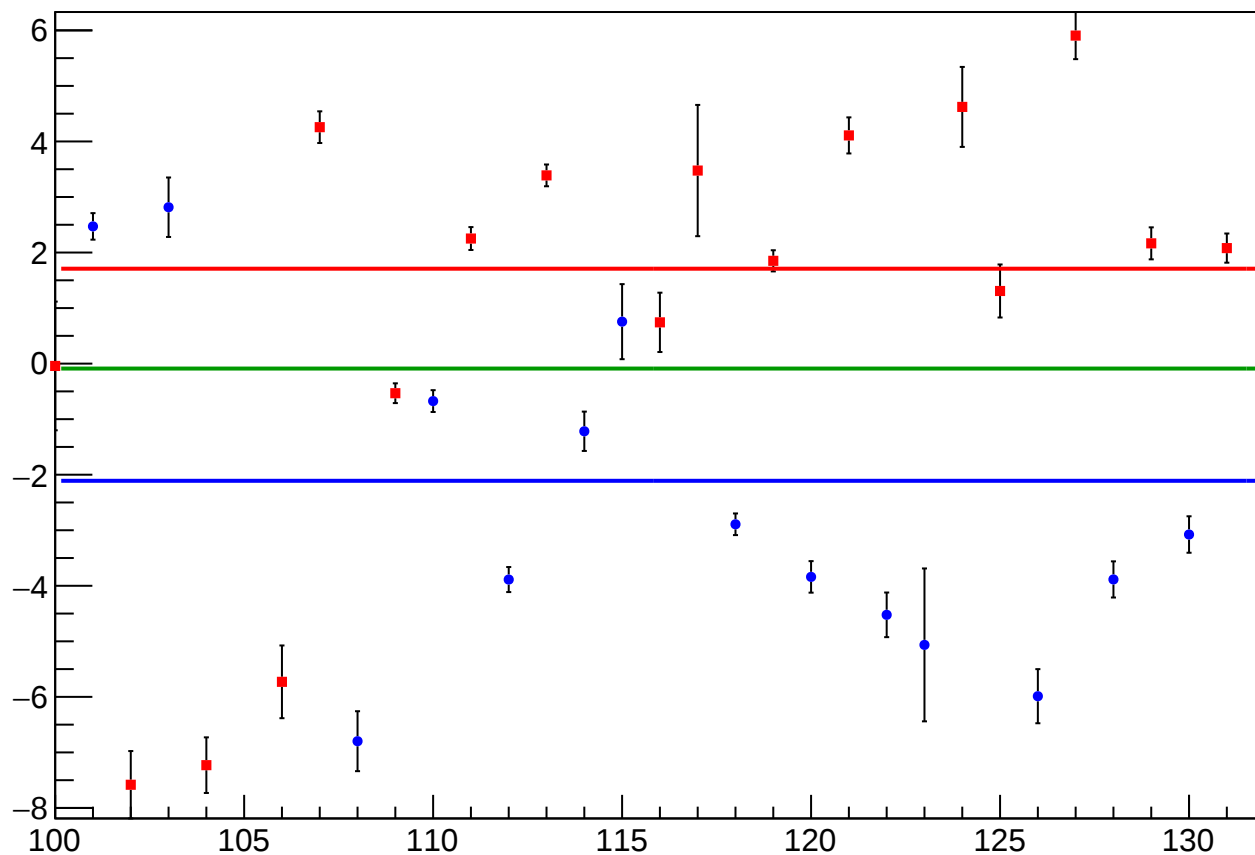
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.874+/-0.122 χ^2/NDF : 456.7/14

0.353+/-0.081 χ^2/NDF : 1949.6/31

2.117+/-0.109 χ^2/NDF : 896.4/16

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.110+/-0.078 χ^2 /NDF: 864.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.709+/-0.074 χ^2 /NDF: 1183.5/16

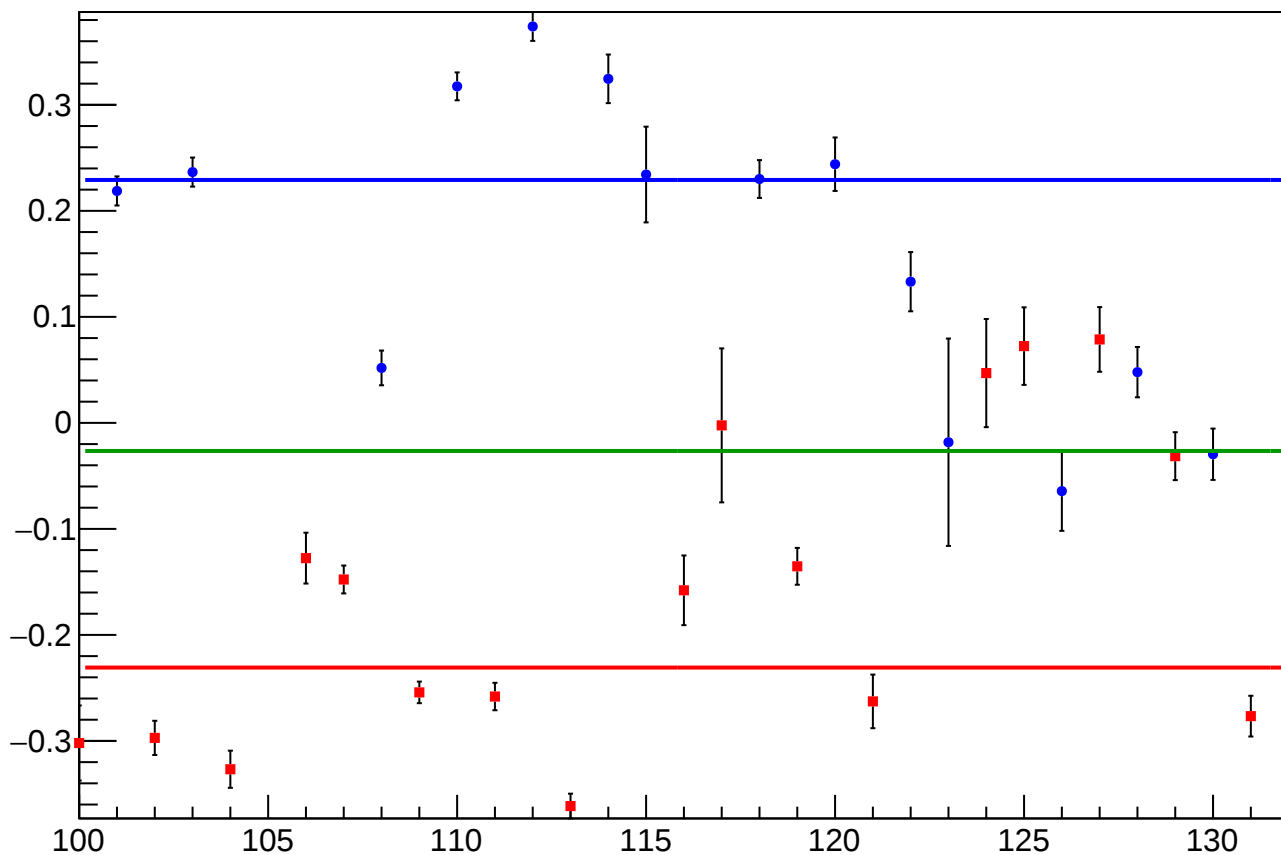
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.110+/-0.078 χ^2 /NDF: 864.8/14

-0.089+/-0.054 χ^2 /NDF: 3304.0/31

1.709+/-0.074 χ^2 /NDF: 1183.5/16

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.229+/-0.005 χ^2/NDF : 578.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.231+/-0.004 χ^2/NDF : 575.7/16

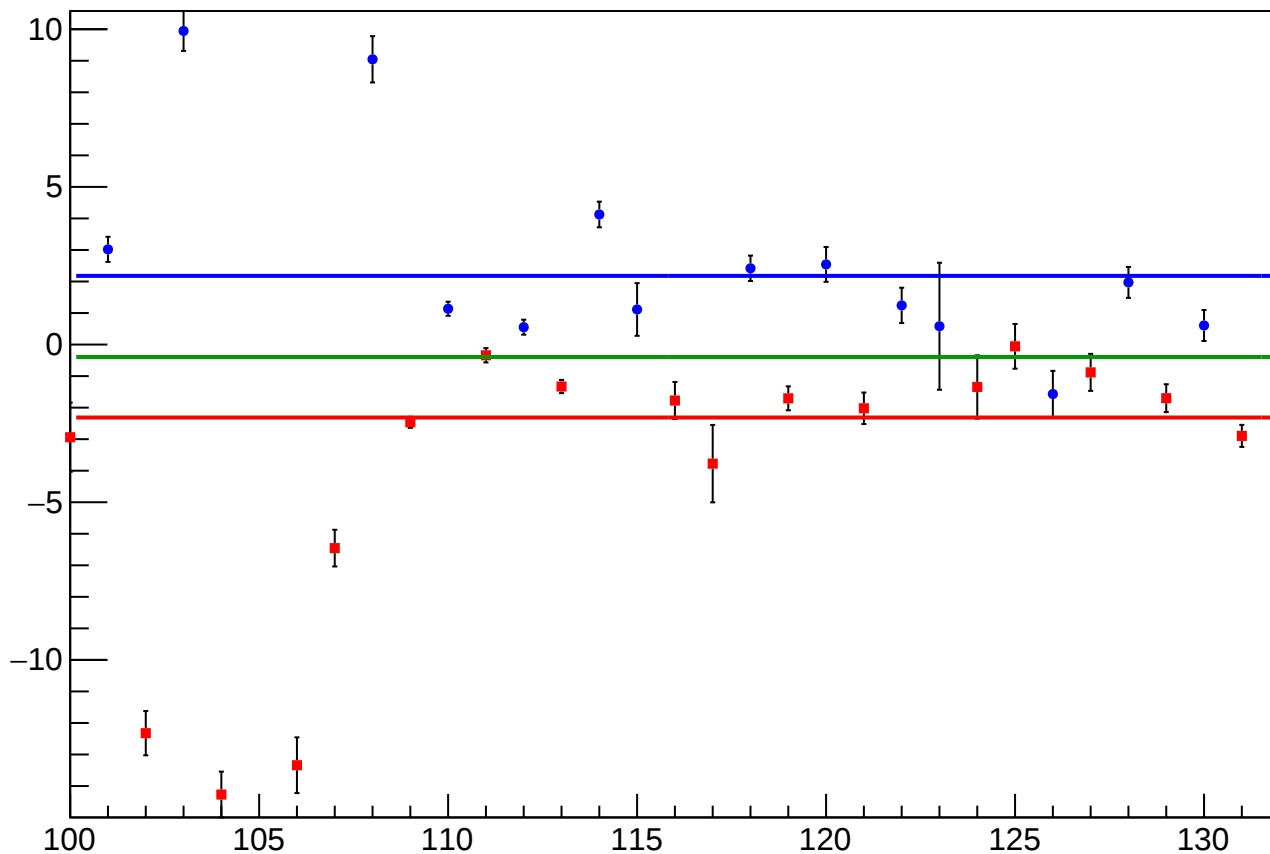
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.229+/-0.005 χ^2/NDF : 578.0/14

-0.026+/-0.003 χ^2/NDF : 5968.0/31

-0.231+/-0.004 χ^2/NDF : 575.7/16

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.178 $\pm$ 0.107 χ^2 /NDF: 409.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.313 $\pm$ 0.092 χ^2 /NDF: 805.3/16

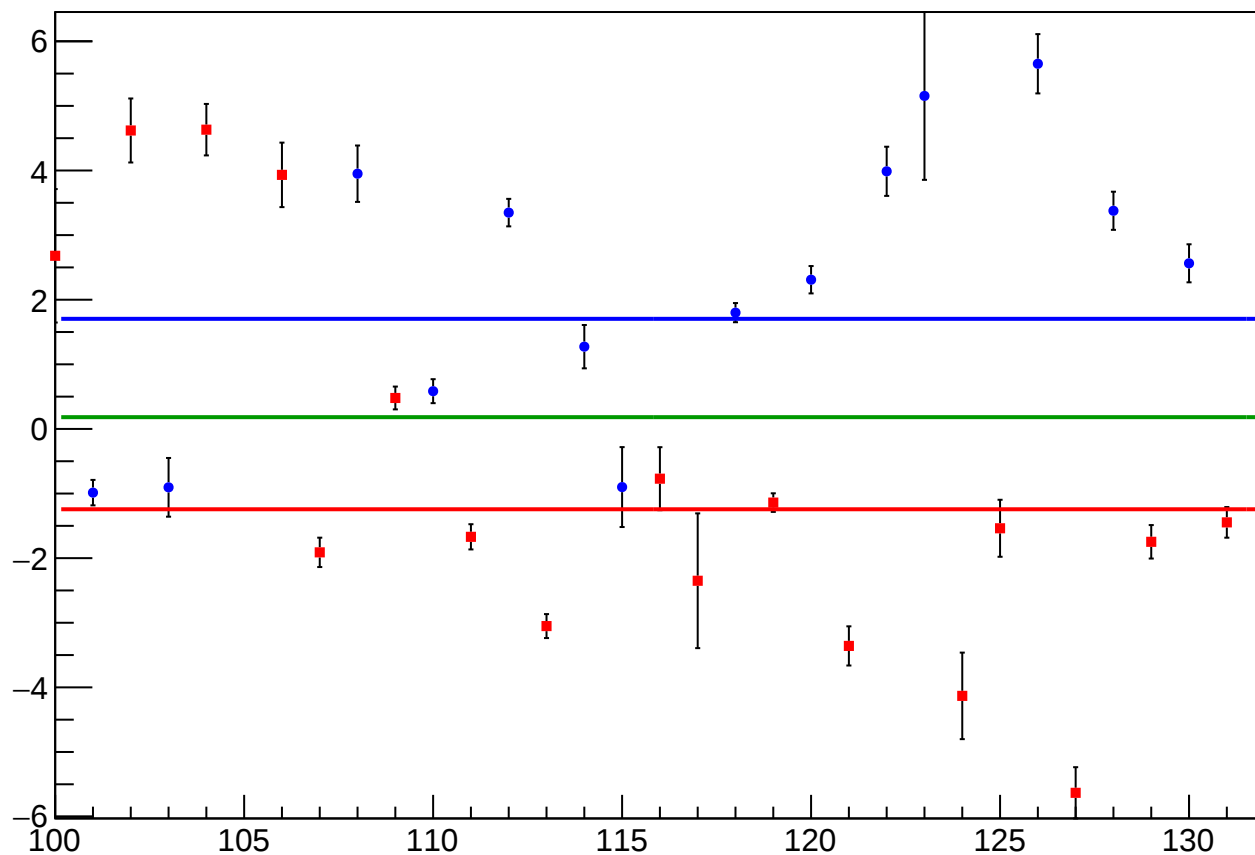
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.178 $\pm$ 0.107 χ^2 /NDF: 409.4/14

-0.394 $\pm$ 0.070 χ^2 /NDF: 2226.8/31

-2.313 $\pm$ 0.092 χ^2 /NDF: 805.3/16

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.704 $\pm$ 0.068 χ^2 /NDF: 530.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.243 $\pm$ 0.066 χ^2 /NDF: 880.3/16

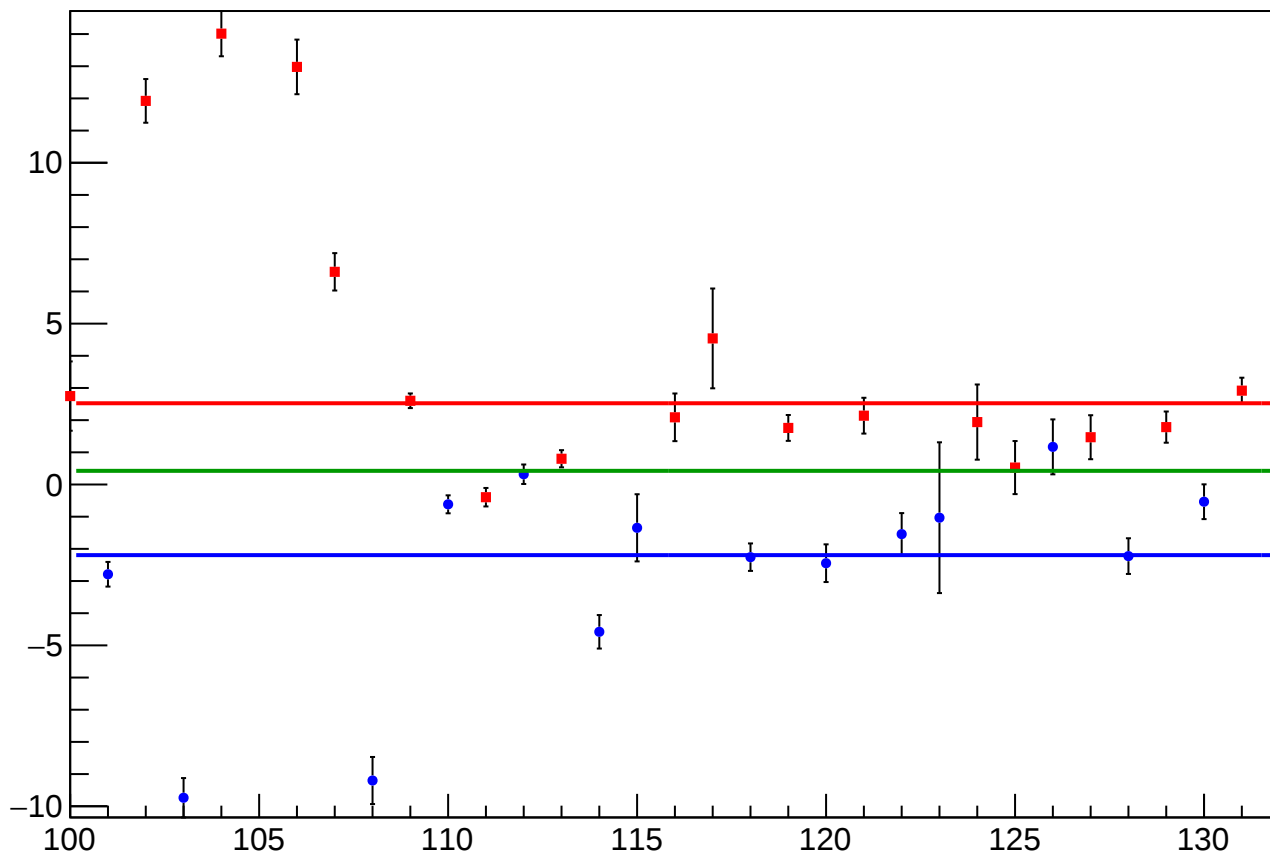
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.704 $\pm$ 0.068 χ^2 /NDF: 530.4/14

0.182 $\pm$ 0.047 χ^2 /NDF: 2388.7/31

-1.243 $\pm$ 0.066 χ^2 /NDF: 880.3/16

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.195 ± 0.124 χ^2/NDF : 421.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.525 ± 0.111 χ^2/NDF : 822.5/16

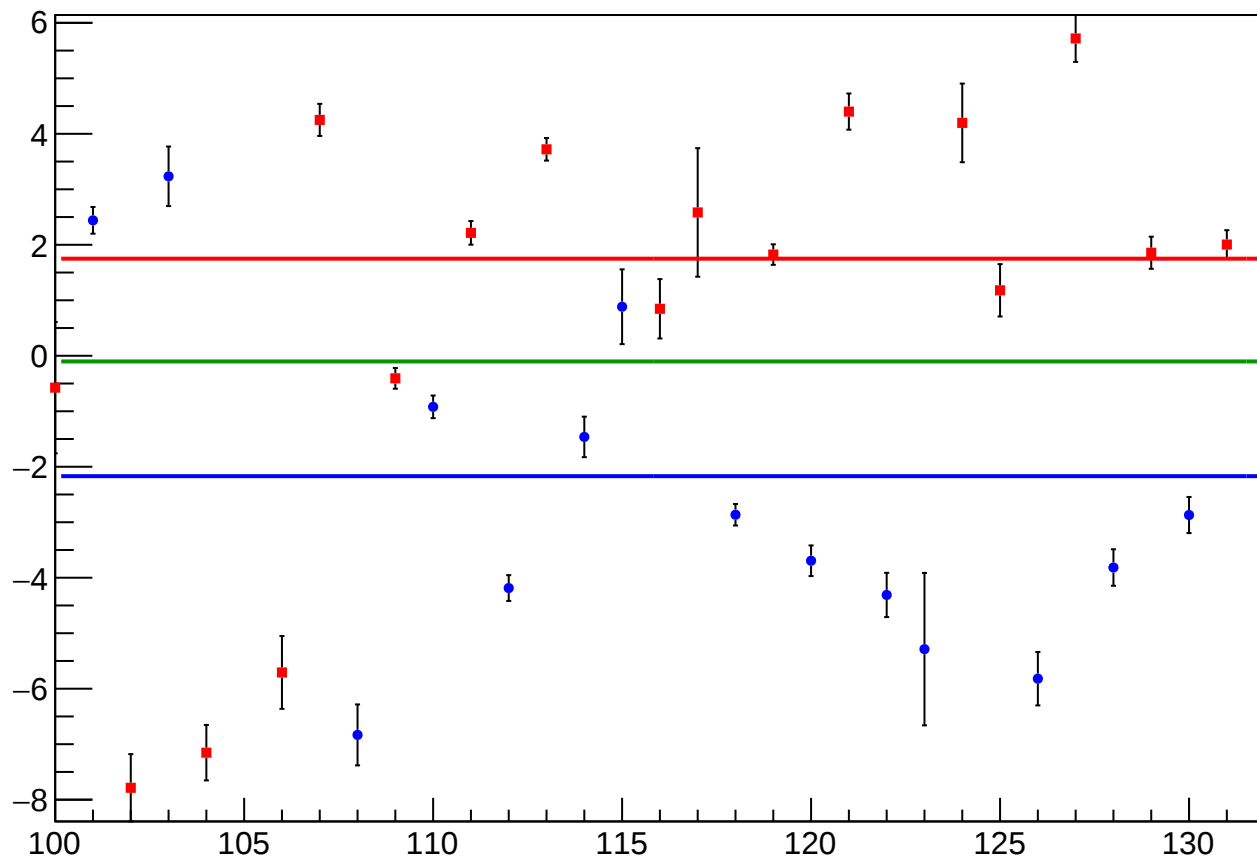
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.195 ± 0.124 χ^2/NDF : 421.6/14

0.425 ± 0.083 χ^2/NDF : 2050.2/31

2.525 ± 0.111 χ^2/NDF : 822.5/16

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.170+/-0.079 χ^2 /NDF: 843.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.750+/-0.075 χ^2 /NDF: 1176.2/16

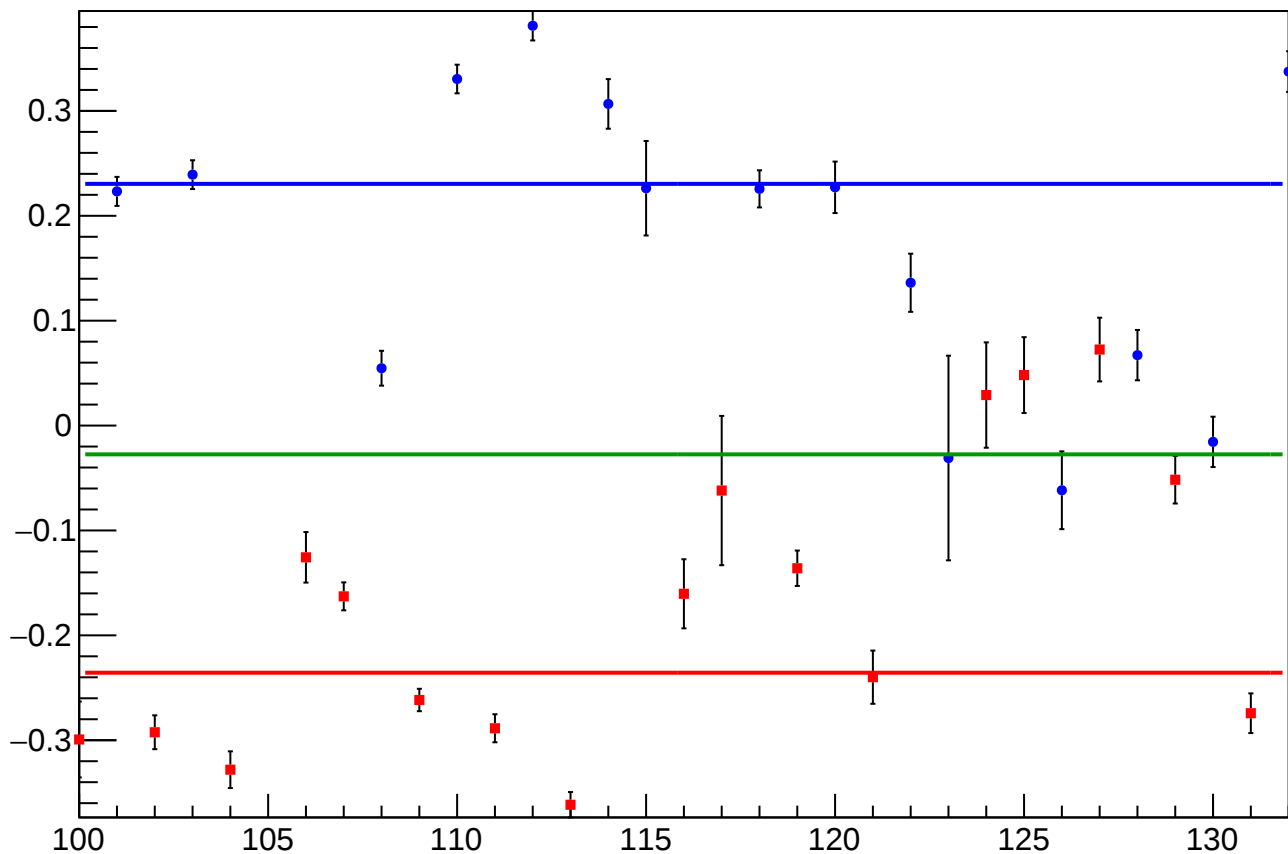
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.170+/-0.079 χ^2 /NDF: 843.0/14

-0.102+/-0.054 χ^2 /NDF: 3314.2/31

1.750+/-0.075 χ^2 /NDF: 1176.2/16

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.230 ± 0.005 $\chi^2/\text{NDF}: 554.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.236 ± 0.004 $\chi^2/\text{NDF}: 532.2/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.230 ± 0.005 $\chi^2/\text{NDF}: 554.9/14$

-0.027 ± 0.003 $\chi^2/\text{NDF}: 5897.8/31$

-0.236 ± 0.004 $\chi^2/\text{NDF}: 532.2/16$