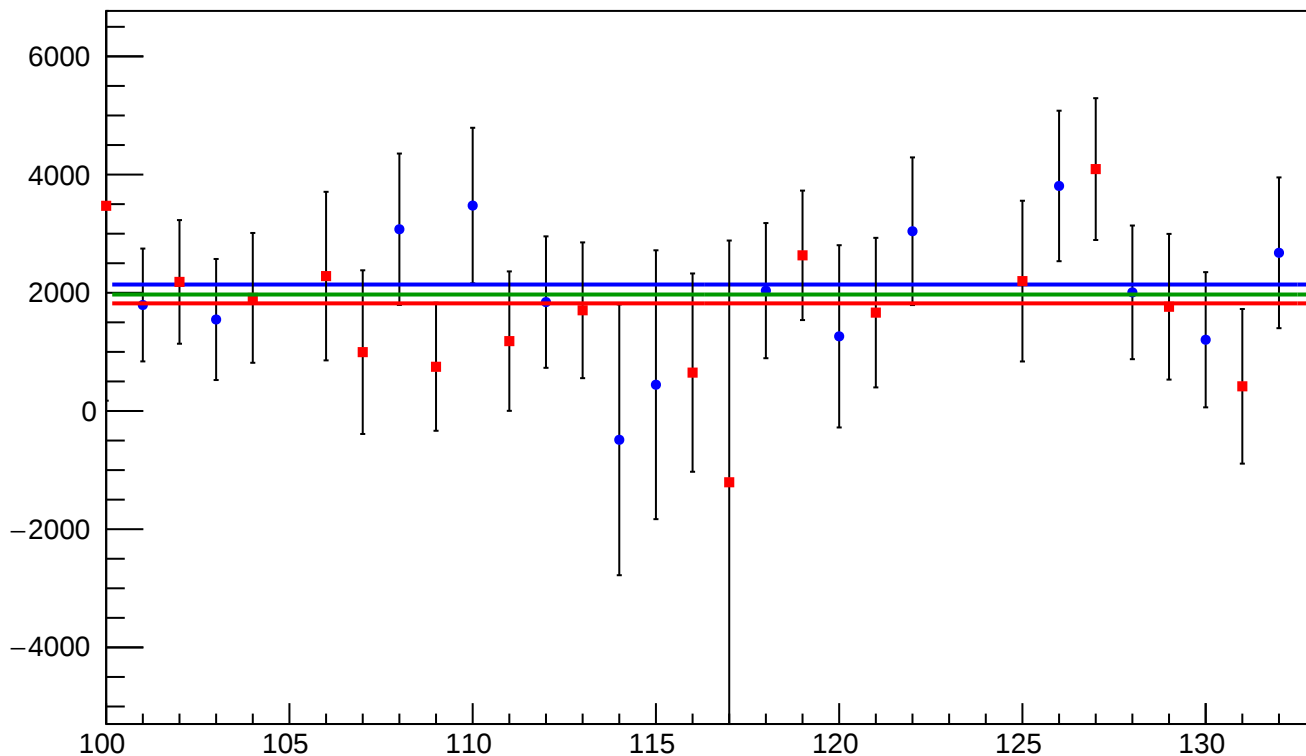


reg_asym_us_avg_mean vs Slug, Sign Corrected



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: 1820.850+/-313.460 χ^2/NDF : 8.6/16

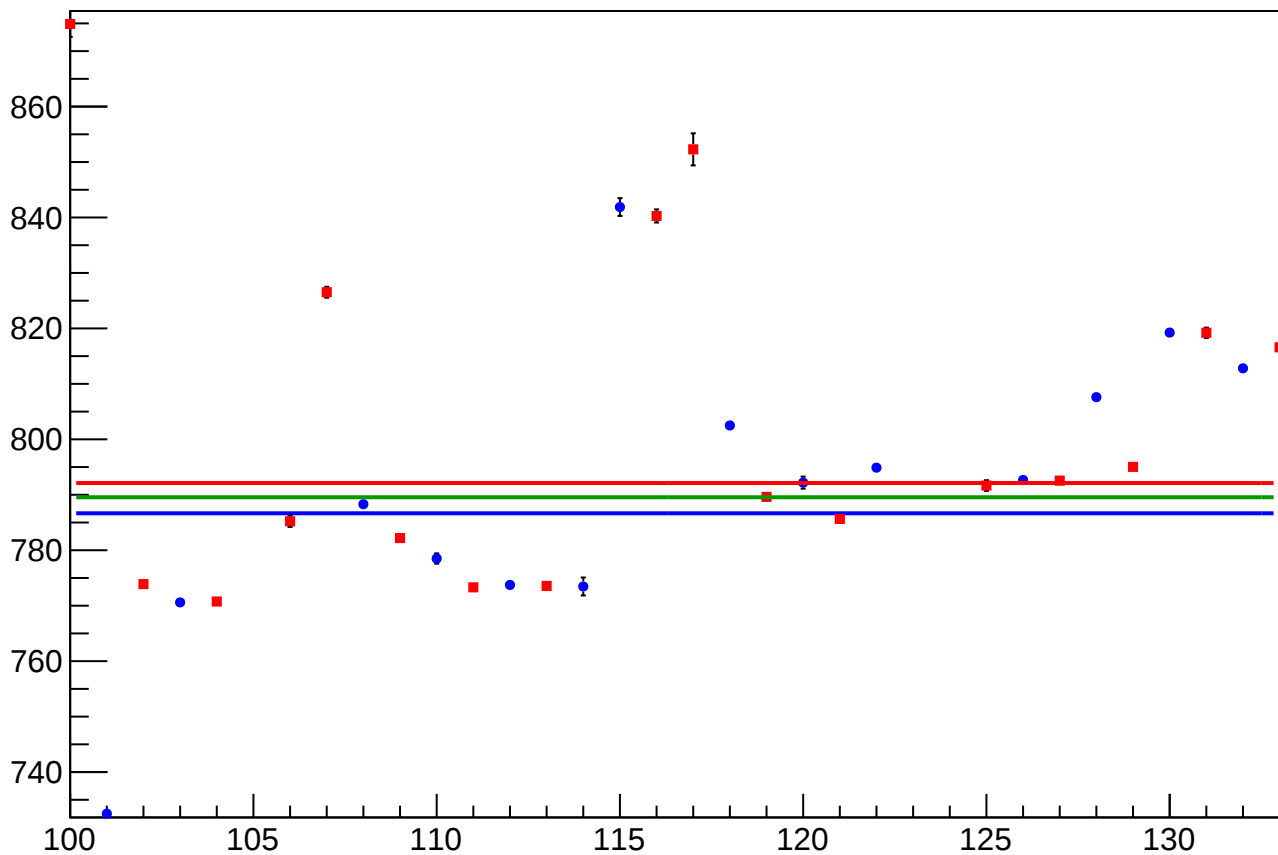
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2139.749+/-332.695 χ^2/NDF : 7.4/13

1970.815+/-228.147 χ^2/NDF : 16.5/30

1820.850+/-313.460 χ^2/NDF : 8.6/16

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: 792.118+/-0.222 χ^2/NDF : 8893.8/16

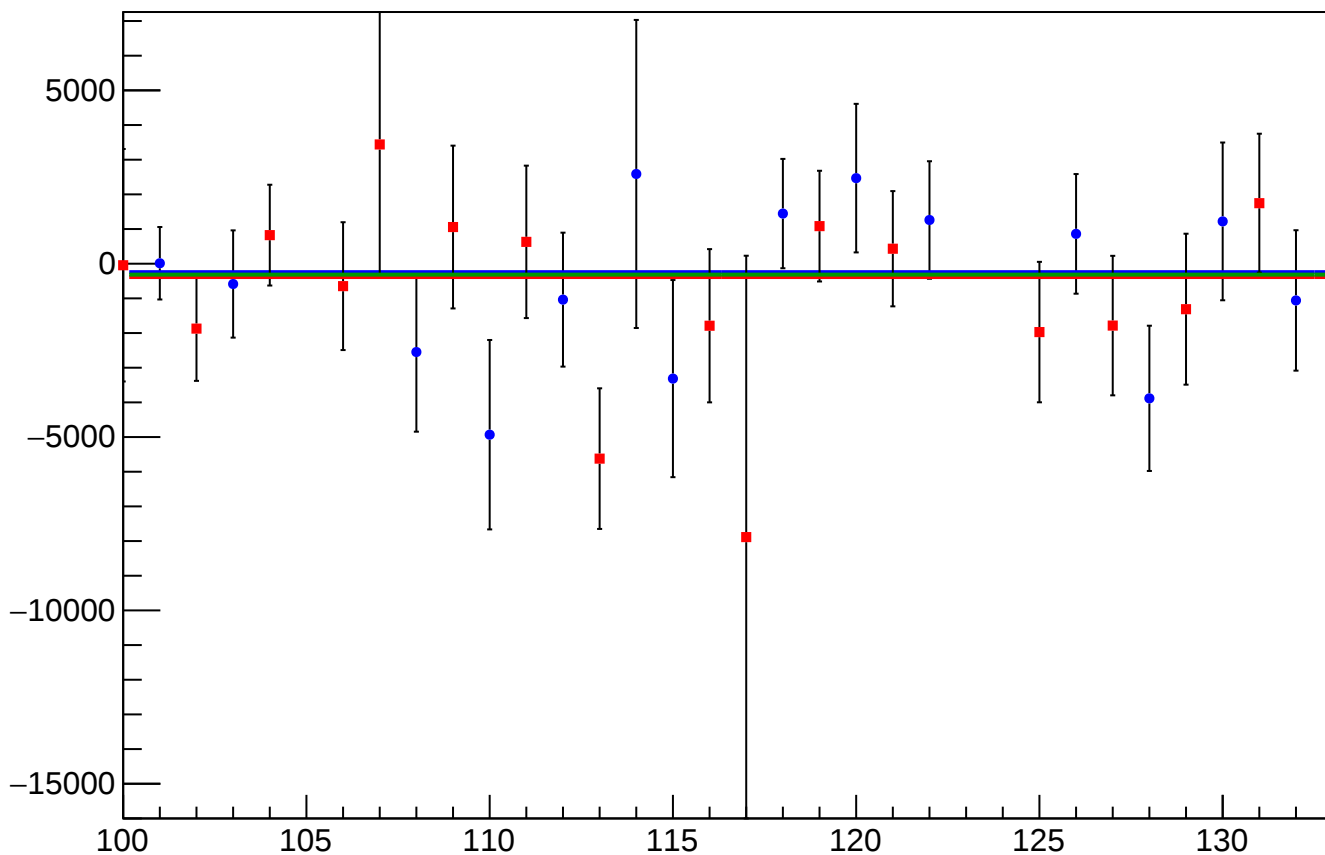
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

786.663+/-0.235 χ^2/NDF : 12218.7/13

789.553+/-0.161 χ^2/NDF : 21397.3/30

792.118+/-0.222 χ^2/NDF : 8893.8/16

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -244.012+/-495.788 χ^2/NDF : 13.3/13

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

Right Out: -384.459+/-490.739 χ^2/NDF : 16.3/16

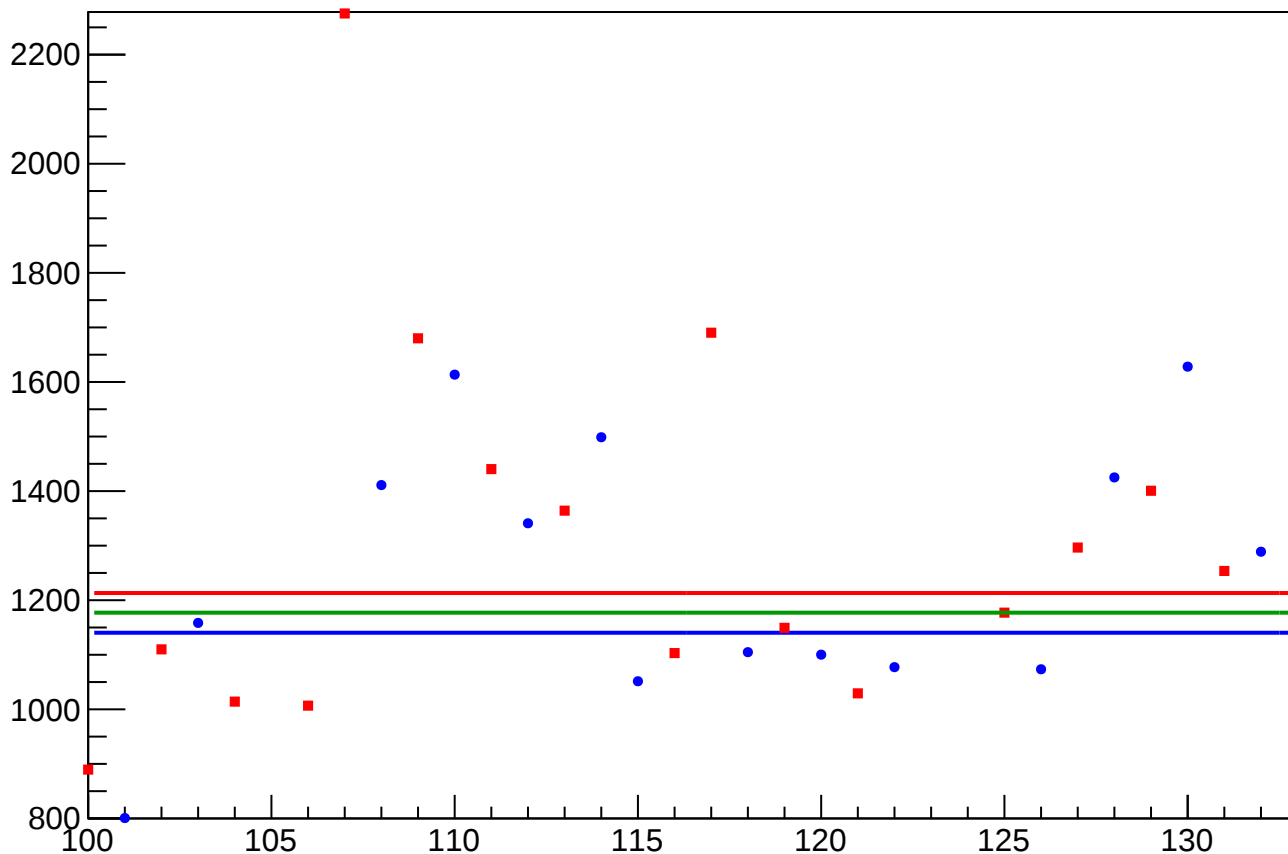
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-244.012+/-495.788 χ^2/NDF : 13.3/13

-314.954+/-348.776 χ^2/NDF : 29.6/30

-384.459+/-490.739 χ^2/NDF : 16.3/16

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: 1213.196 $\pm$ 0.347 χ^2 /NDF: 425749.9/16

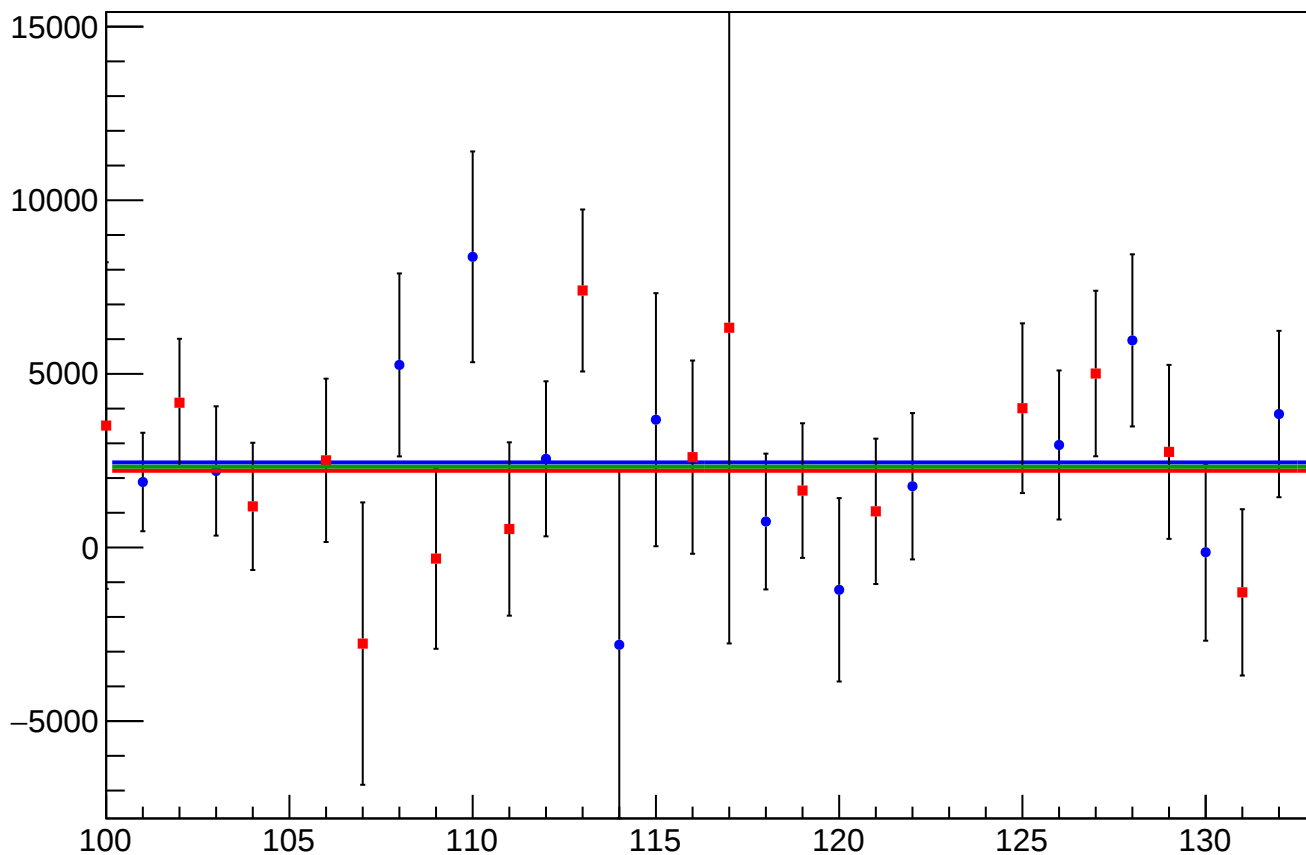
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1177.157 $\pm$ 0.247 χ^2 /NDF: 930418.0/30

1213.196 $\pm$ 0.347 χ^2 /NDF: 425749.9/16

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: 2209.891+/-592.059 χ^2/NDF : 14.8/16

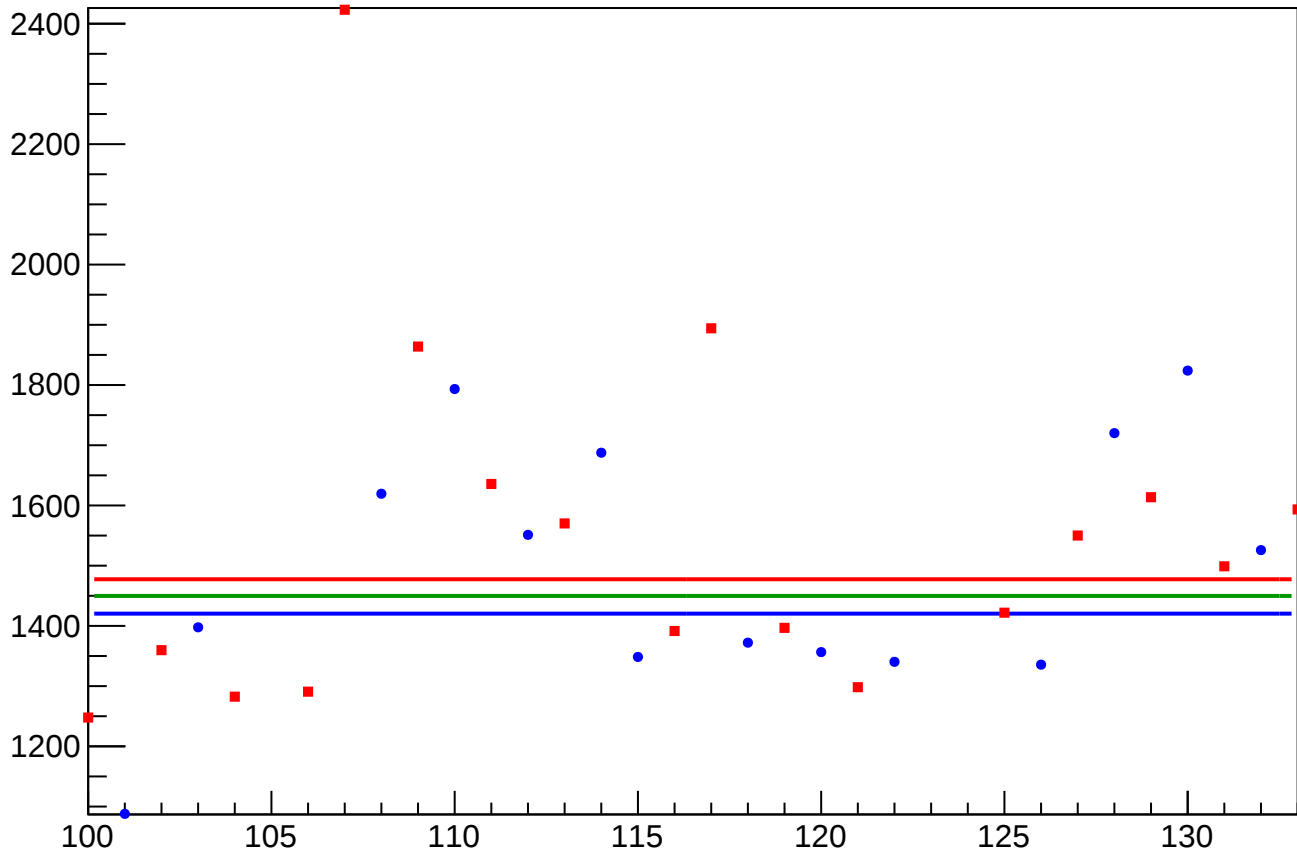
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2449.837+/-609.443 χ^2/NDF : 12.6/13

2326.393+/-424.662 χ^2/NDF : 27.5/30

2209.891+/-592.059 χ^2/NDF : 14.8/16

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: 1477.457+/-0.419 χ^2 /NDF: 249575.2/16

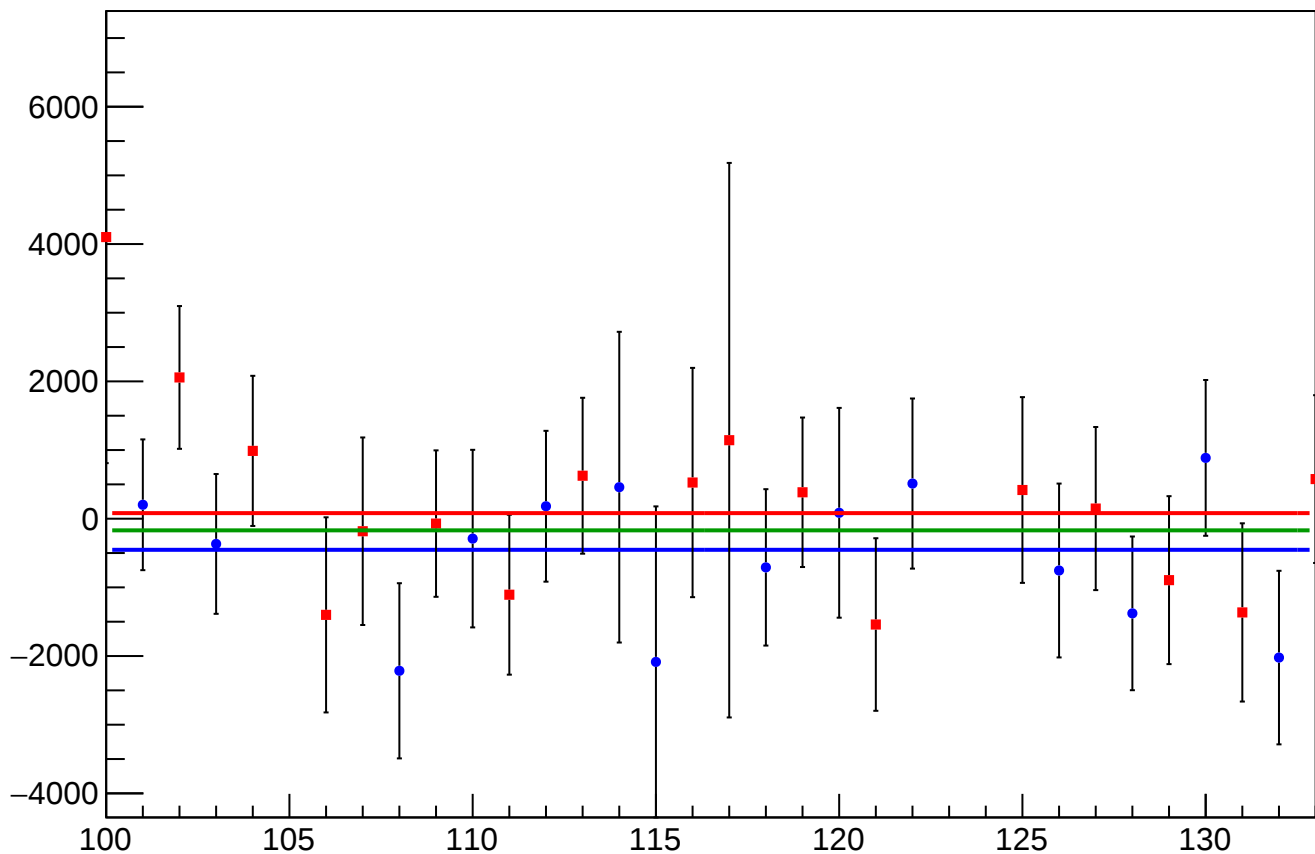
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

1449.734+/-0.300 χ^2 /NDF: 515474.8/30

1477.457+/-0.419 χ^2 /NDF: 249575.2/16

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: 81.313 ± 310.643 χ^2/NDF : 12.2/16

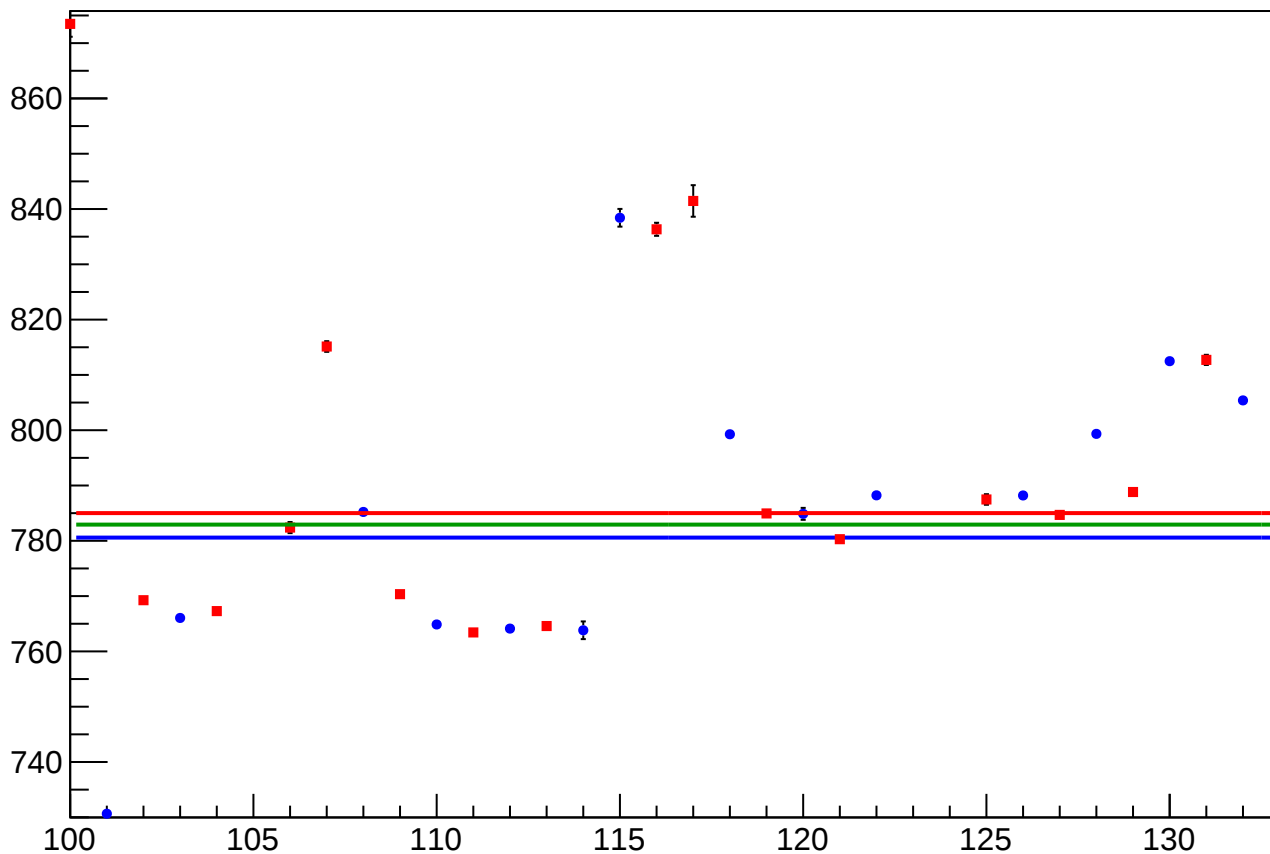
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-452.990 ± 330.116 χ^2/NDF : 7.9/13

-169.616 ± 226.229 χ^2/NDF : 21.5/30

81.313 ± 310.643 χ^2/NDF : 12.2/16

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: 785.011 +/- 0.220 χ^2/NDF : 8803.5/16

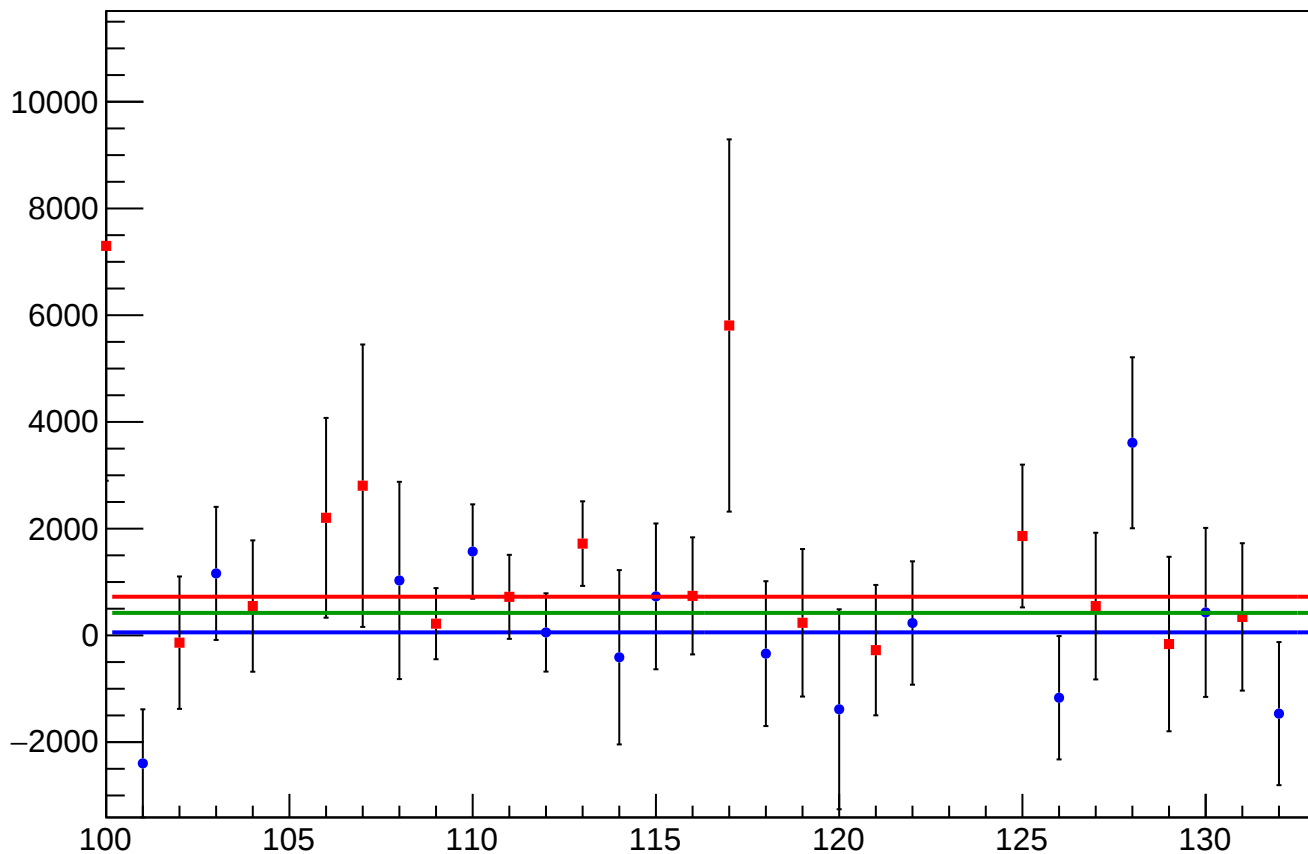
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

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

782.930 +/- 0.160 χ^2/NDF : 20705.2/30

785.011 +/- 0.220 χ^2/NDF : 8803.5/16

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: 724.479 $\pm$ 293.576 χ^2 /NDF: 10.6/16

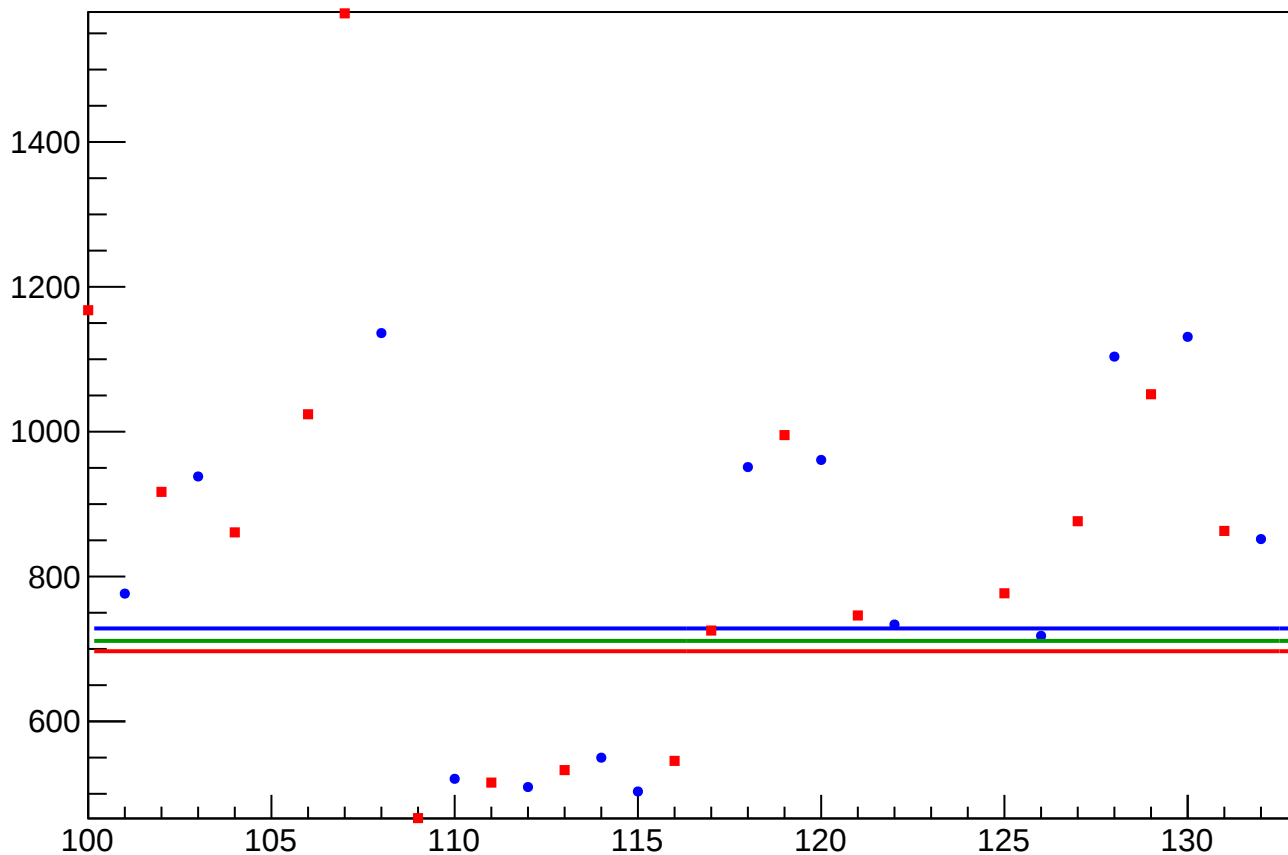
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

421.643 $\pm$ 217.023 χ^2 /NDF: 31.2/30

724.479 $\pm$ 293.576 χ^2 /NDF: 10.6/16

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: 696.897+/-0.208 χ^2/NDF : 1312255.9/16

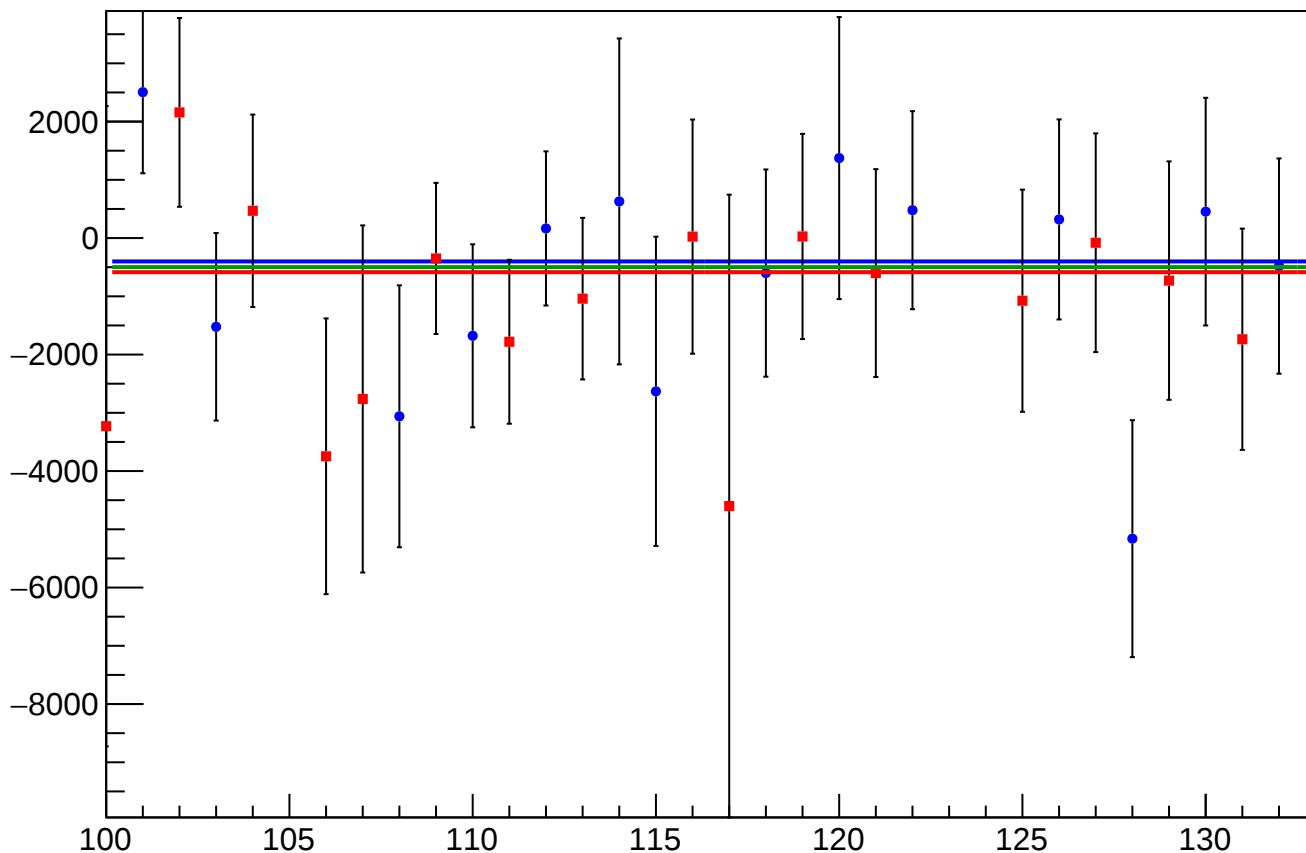
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

728.321+/-0.228 χ^2/NDF : 866237.6/13

711.148+/-0.153 χ^2/NDF : 2188886.2/30

696.897+/-0.208 χ^2/NDF : 1312255.9/16

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: -585.372+/-453.099 χ^2/NDF : 8.5/16

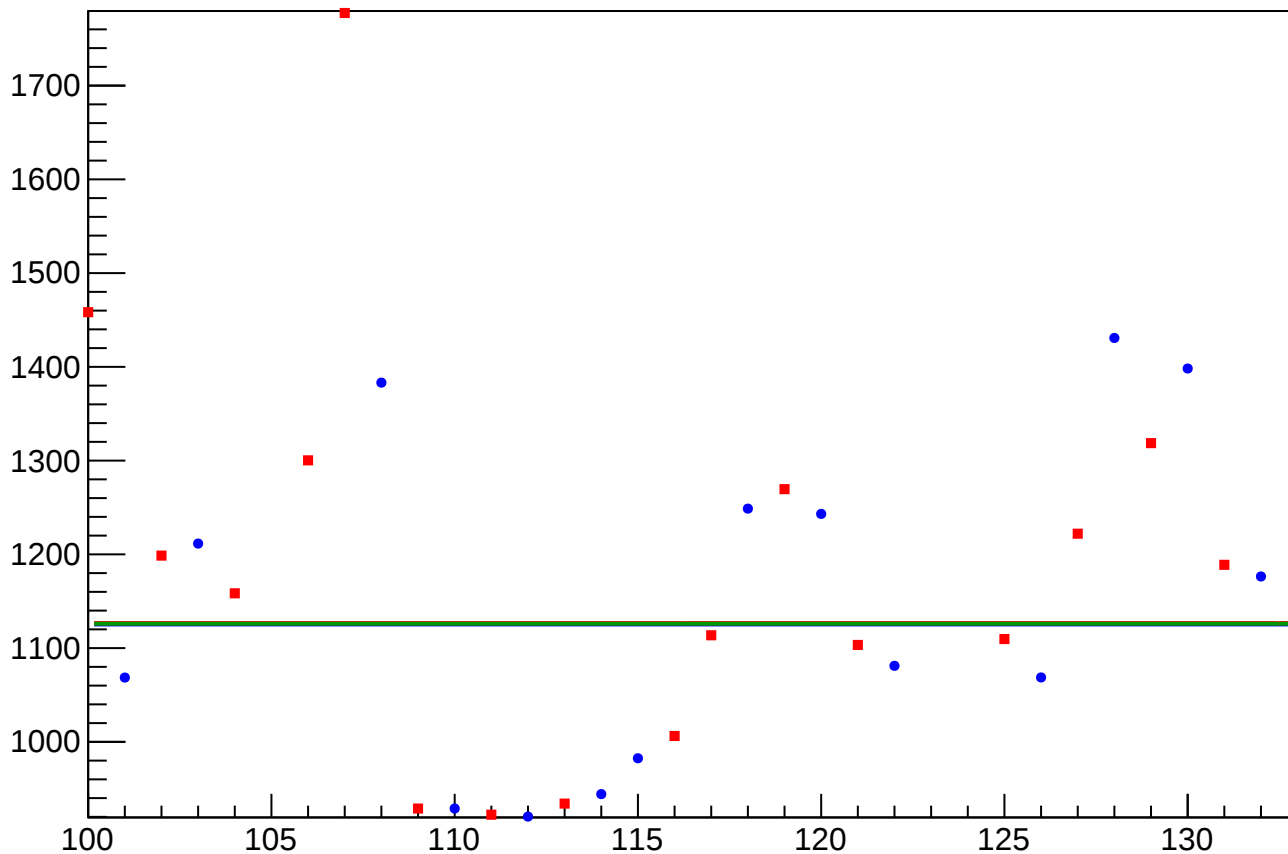
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-400.930+/-481.518 χ^2/NDF : 14.6/13

-498.754+/-329.979 χ^2/NDF : 23.1/30

-585.372+/-453.099 χ^2/NDF : 8.5/16

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: 1126.720 $\pm$ 0.320 χ^2 /NDF: 347464.5/16

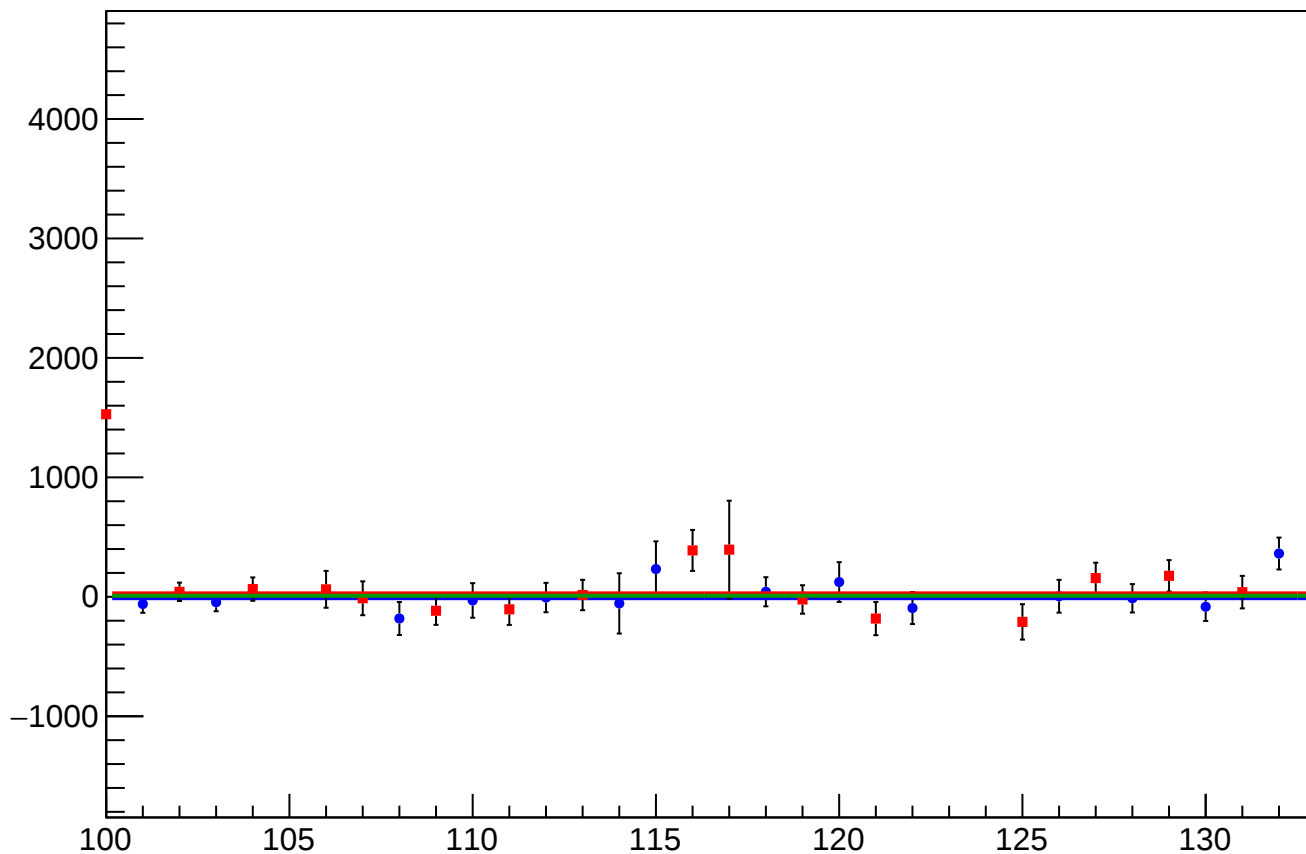
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1126.038 $\pm$ 0.233 χ^2 /NDF: 579799.0/30

1126.720 $\pm$ 0.320 χ^2 /NDF: 347464.5/16

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: 28.921 $\pm$ 31.695 χ^2/NDF : 16.7/16

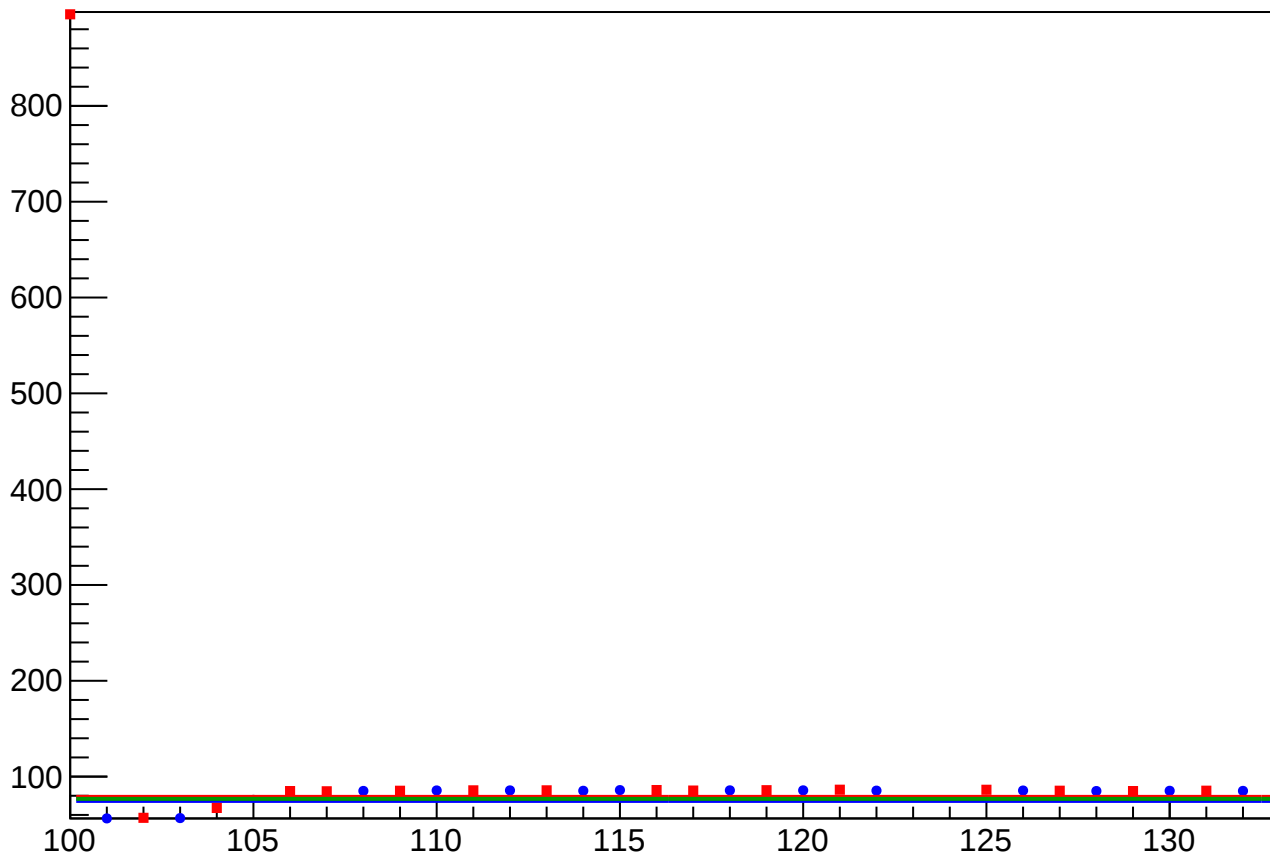
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

8.958 $\pm$ 22.549 χ^2/NDF : 30.2/30

28.921 $\pm$ 31.695 χ^2/NDF : 16.7/16

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: 78.831 $\pm$ 0.022 χ^2 /NDF: 370460.1/16

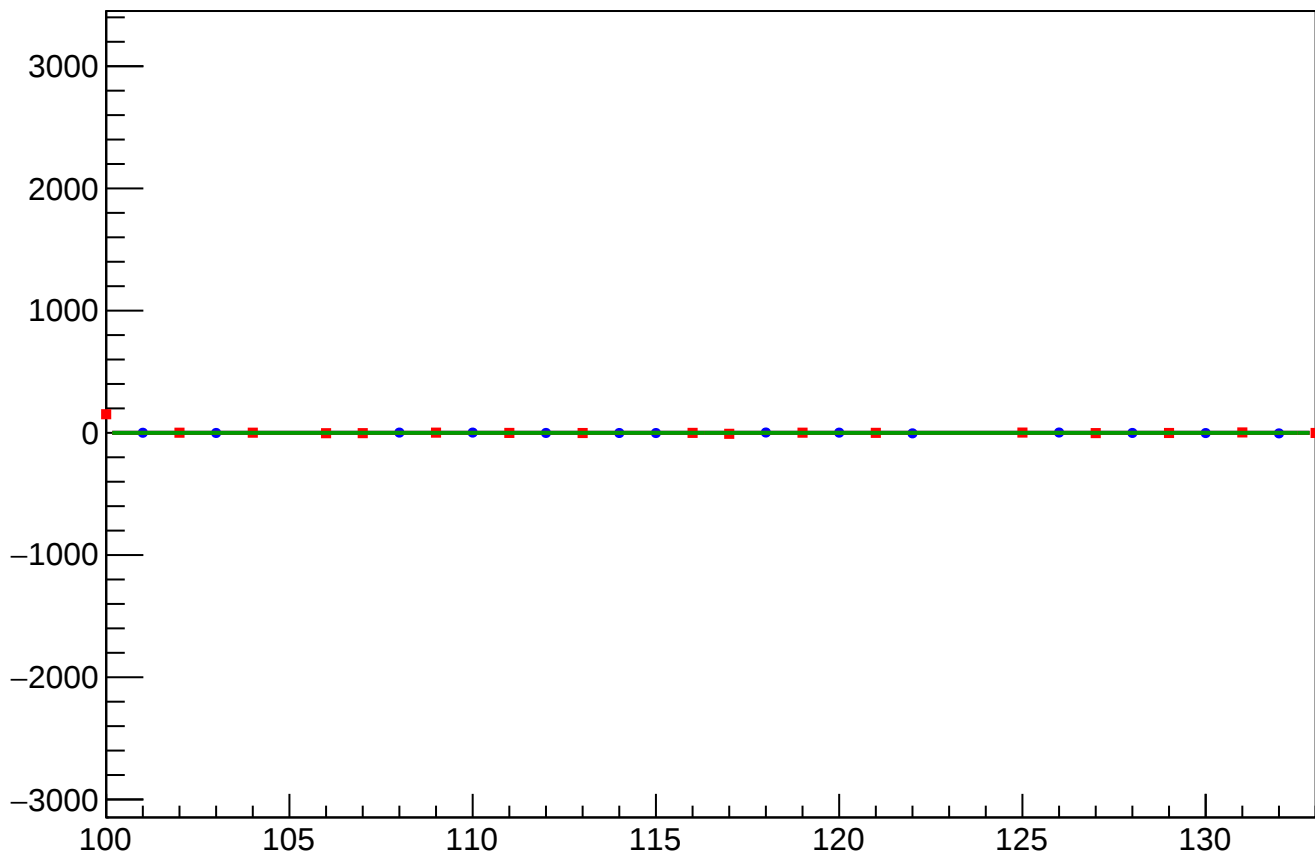
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

76.758 $\pm$ 0.016 χ^2 /NDF: 764911.9/30

78.831 $\pm$ 0.022 χ^2 /NDF: 370460.1/16

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: 0.043+/-0.544 χ^2 /NDF: 9.8/16

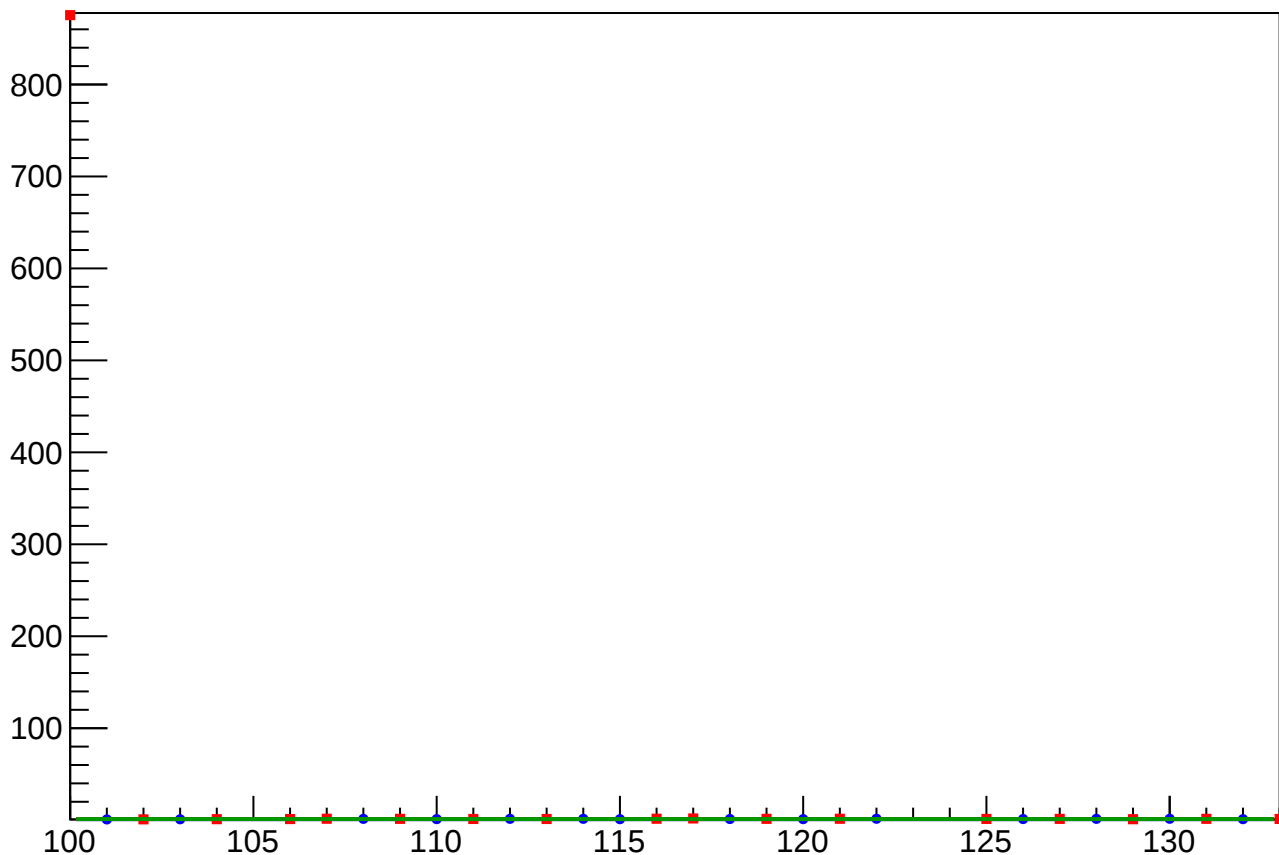
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.079+/-0.534 χ^2 /NDF: 15.1/13

-0.019+/-0.381 χ^2 /NDF: 24.9/30

0.043+/-0.544 χ^2 /NDF: 9.8/16

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: 1.245 $\pm$ 0.000 χ^2 /NDF: 480311.4/16

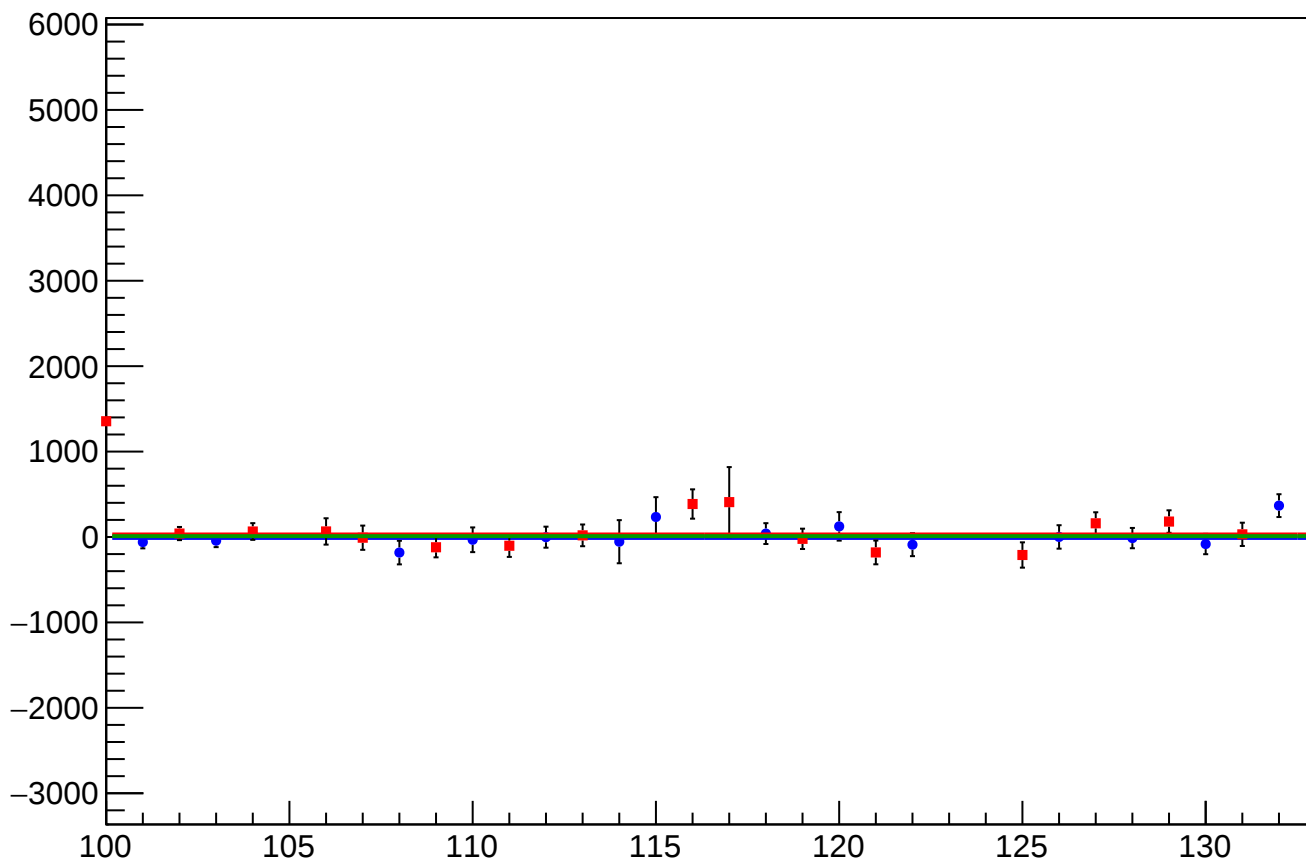
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1.183 $\pm$ 0.000 χ^2 /NDF: 996980.8/30

1.245 $\pm$ 0.000 χ^2 /NDF: 480311.4/16

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -10.724+/-32.096 χ^2 /NDF: 12.9/13

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

Right Out: 29.288+/-31.704 χ^2 /NDF: 16.7/16

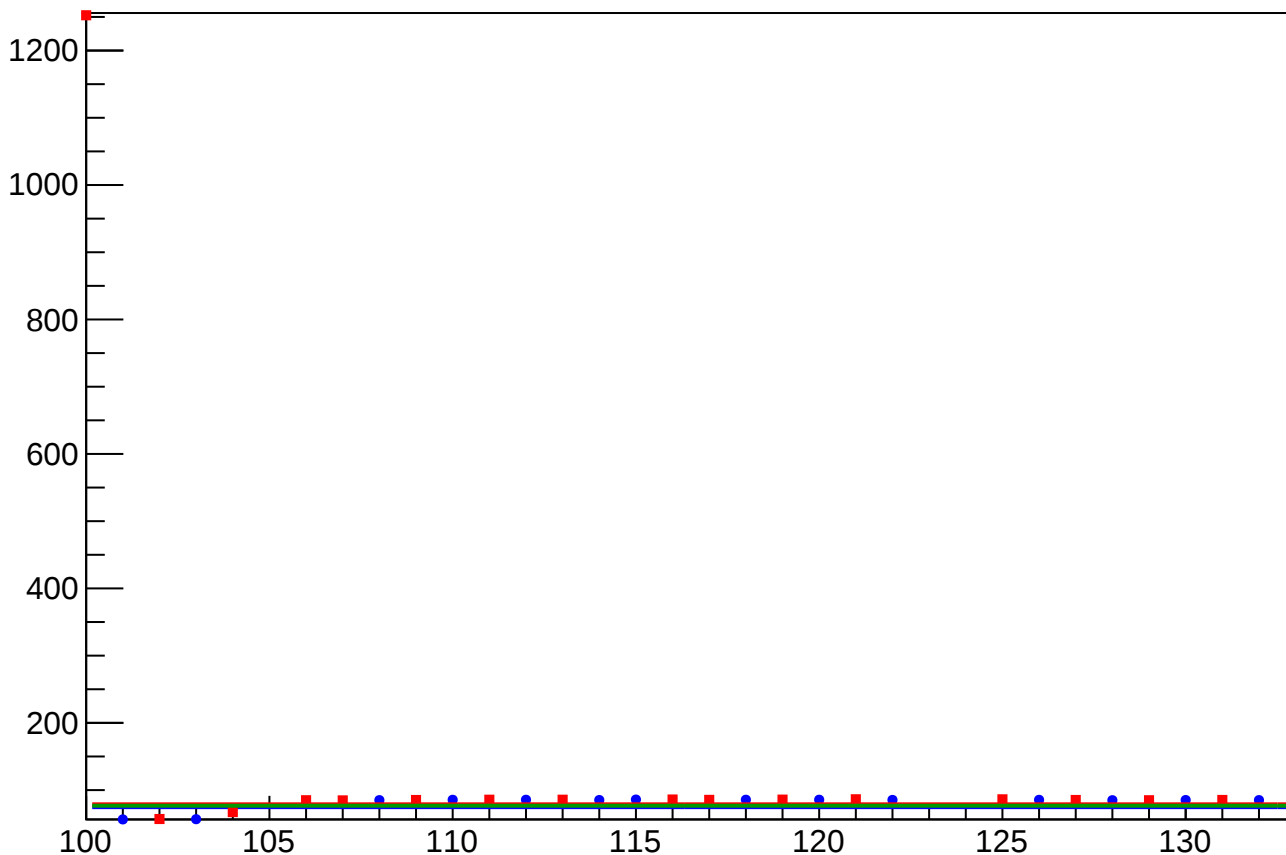
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-10.724+/-32.096 χ^2 /NDF: 12.9/13

9.528+/-22.555 χ^2 /NDF: 30.4/30

29.288+/-31.704 χ^2 /NDF: 16.7/16

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: 78.832+/-0.022 χ^2 /NDF: 376942.1/16

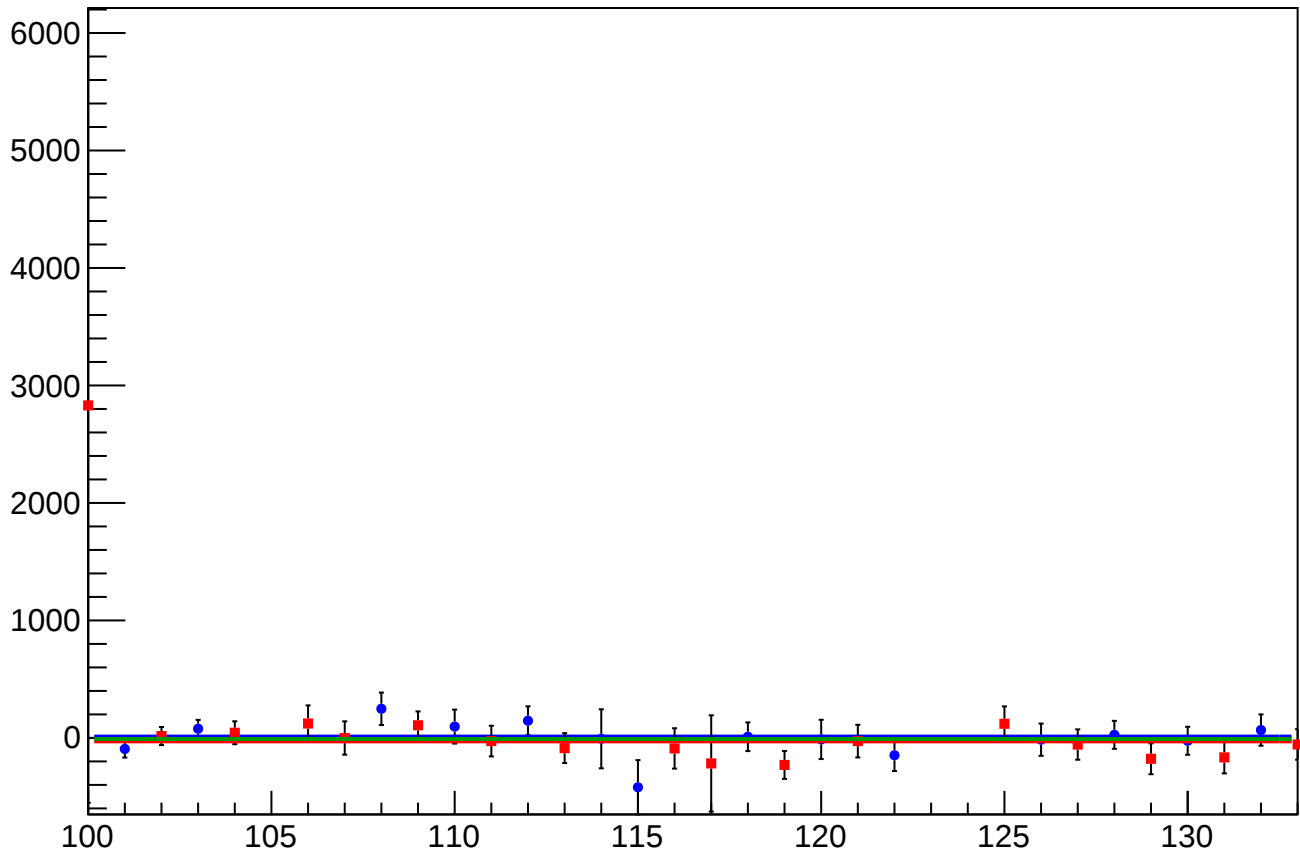
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

74.654+/-0.023 χ^2 /NDF: 377175.5/13

76.769+/-0.016 χ^2 /NDF: 771272.4/30

78.832+/-0.022 χ^2 /NDF: 376942.1/16

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: -29.109+/-31.678 χ^2/NDF : 10.7/16

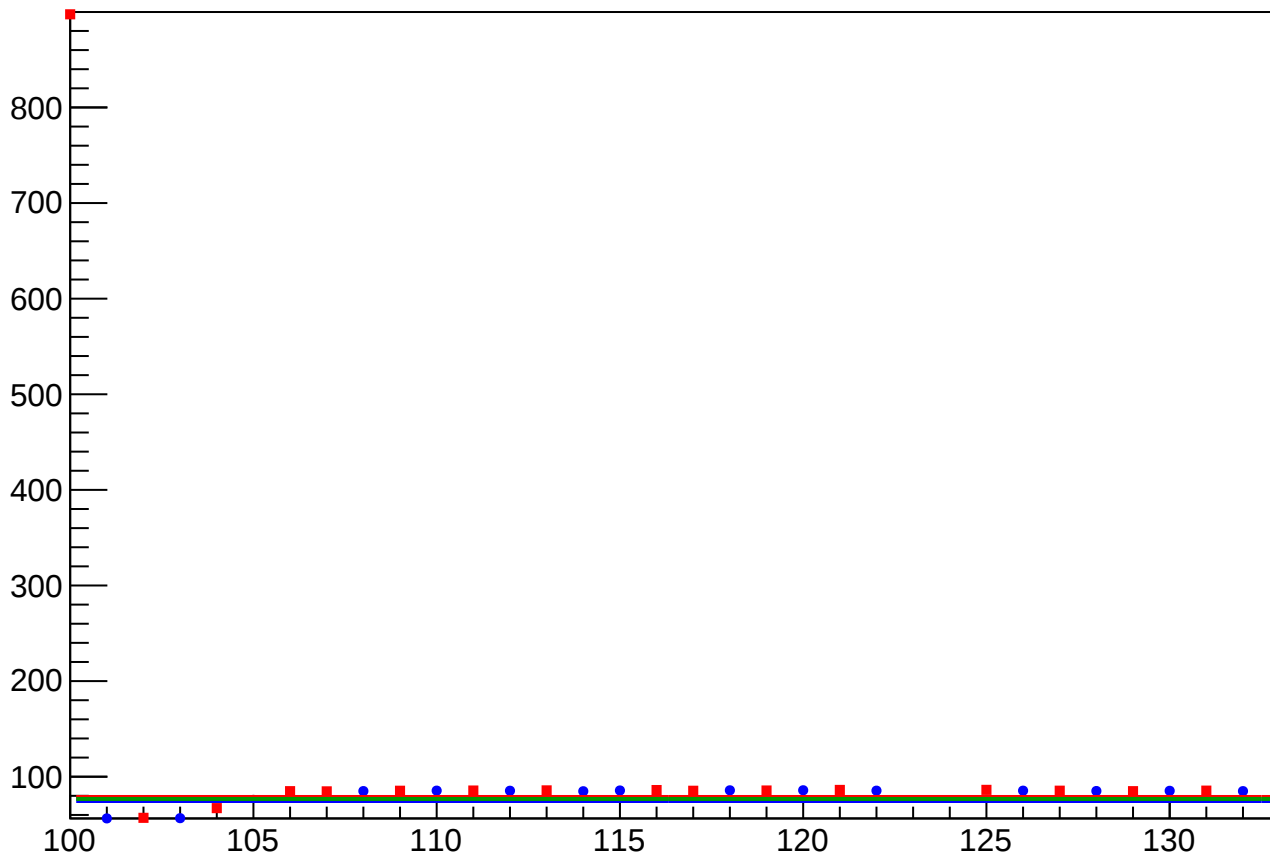
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.232+/-32.072 χ^2/NDF : 12.6/13

-9.188+/-22.538 χ^2/NDF : 24.1/30

-29.109+/-31.678 χ^2/NDF : 10.7/16

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 74.598+/-0.023 χ^2/NDF : 377390.6/13

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

Right Out: 78.789+/-0.022 χ^2/NDF : 370512.6/16

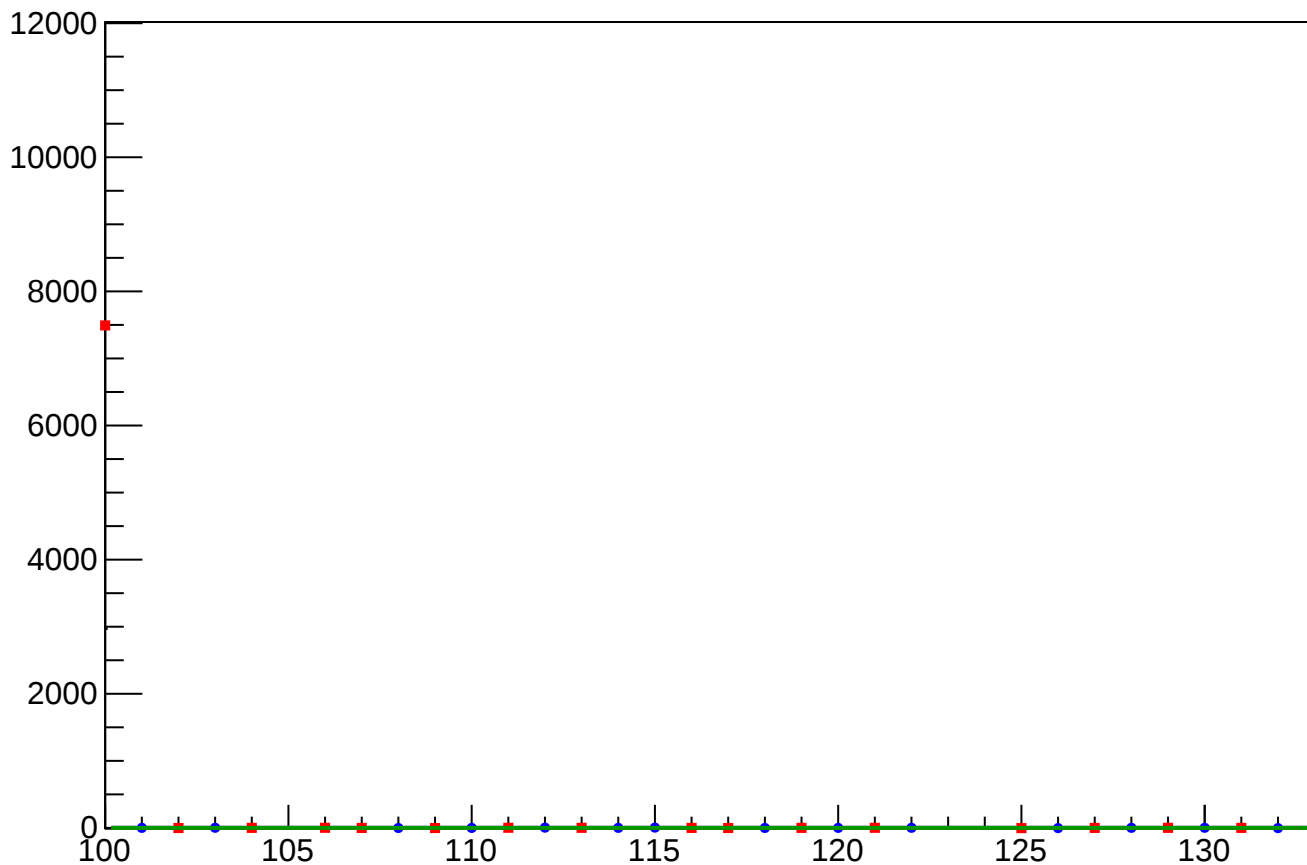
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.598+/-0.023 χ^2/NDF : 377390.6/13

76.720+/-0.016 χ^2/NDF : 765193.1/30

78.789+/-0.022 χ^2/NDF : 370512.6/16

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: 0.089+/-0.568 χ^2/NDF : 9.9/16

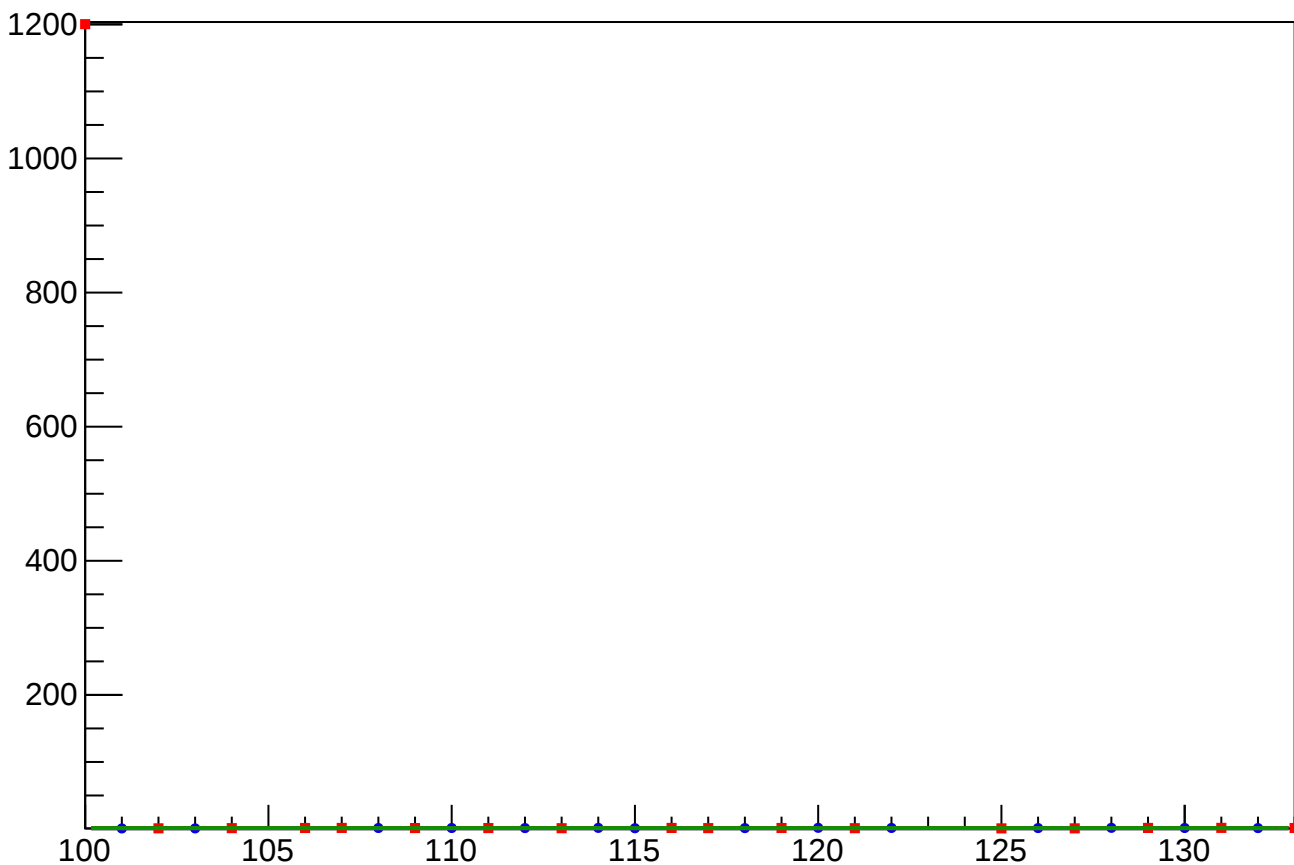
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.869+/-0.573 χ^2/NDF : 10.9/13

0.476+/-0.403 χ^2/NDF : 21.8/30

0.089+/-0.568 χ^2/NDF : 9.9/16

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: 1.300+/-0.000 χ^2/NDF : 492912.5/16

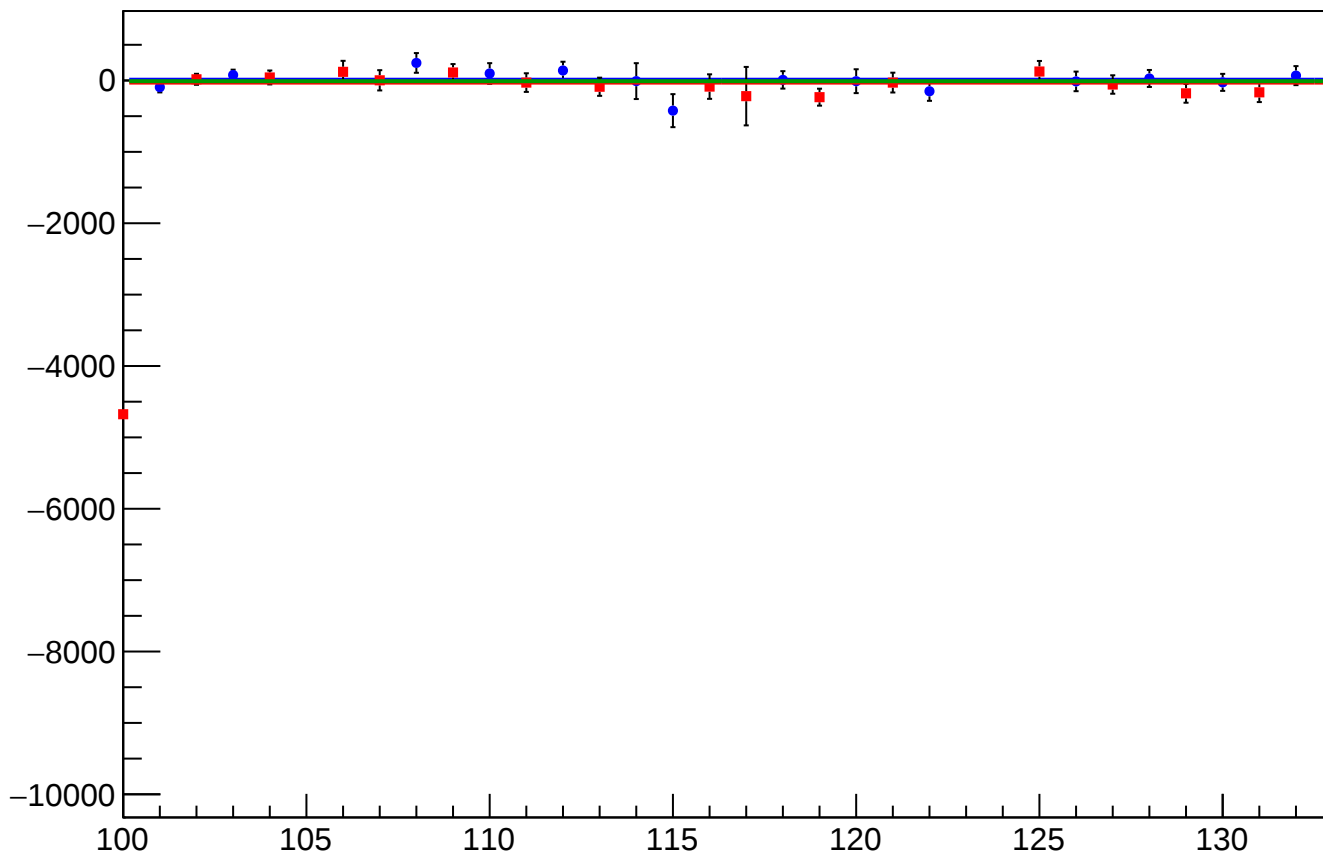
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.221+/-0.000 χ^2/NDF : 622660.6/13

1.261+/-0.000 χ^2/NDF : 1134610.1/30

1.300+/-0.000 χ^2/NDF : 492912.5/16

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: -29.563+/-31.688 χ^2/NDF : 11.0/16

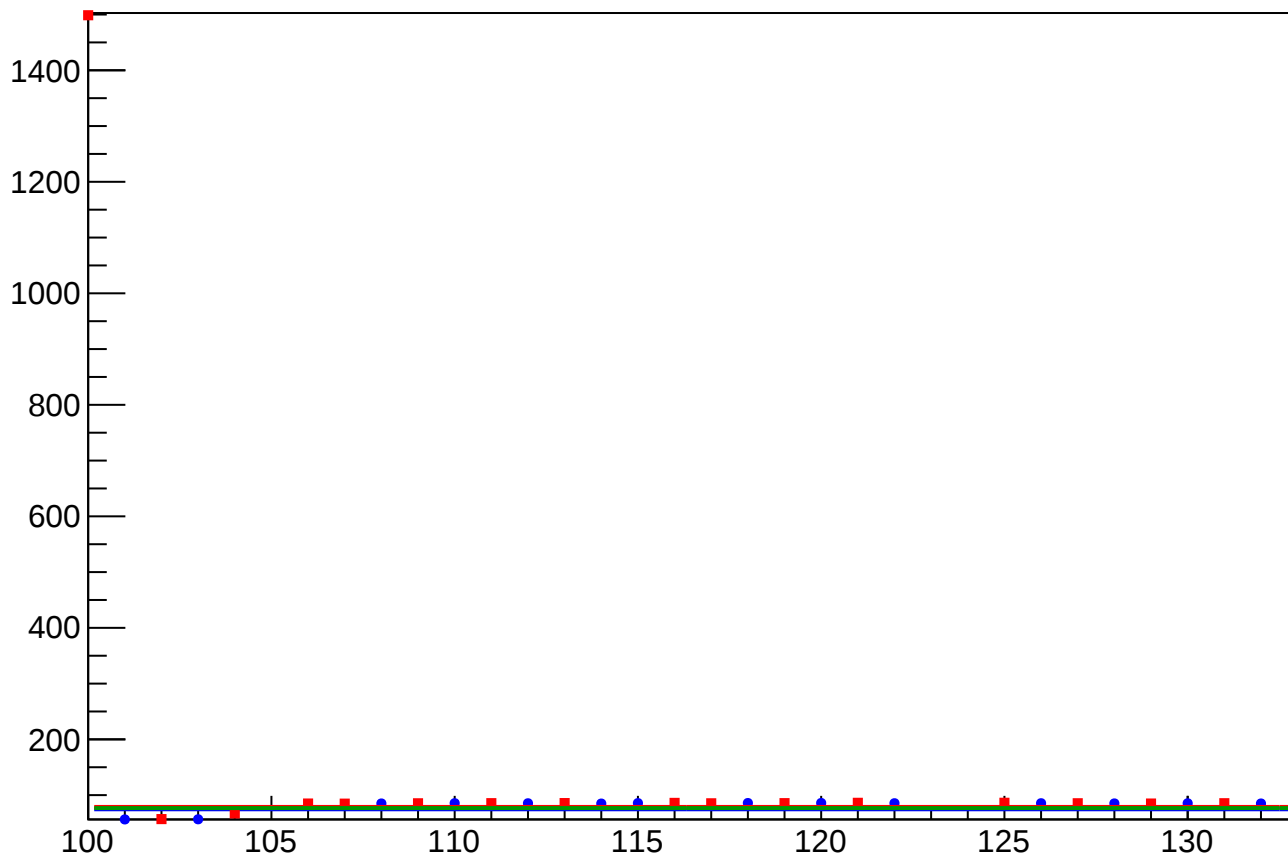
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.422+/-32.081 χ^2/NDF : 12.5/13

-9.817+/-22.544 χ^2/NDF : 24.2/30

-29.563+/-31.688 χ^2/NDF : 11.0/16

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 74.618+/-0.023 χ^2 /NDF: 377441.2/13

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

Right Out: 78.784+/-0.022 χ^2 /NDF: 379711.3/16

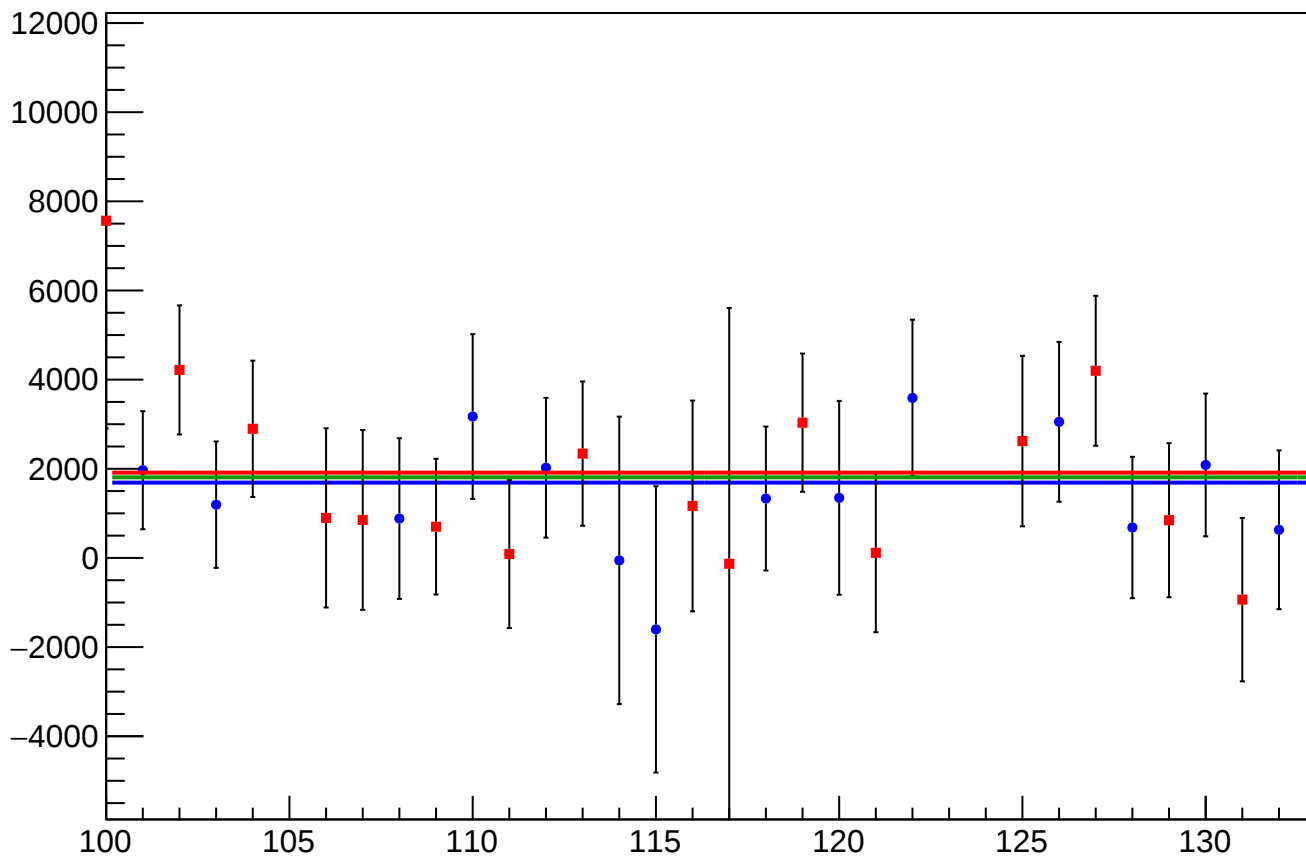
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

74.618+/-0.023 χ^2 /NDF: 377441.2/13

76.727+/-0.016 χ^2 /NDF: 774219.4/30

78.784+/-0.022 χ^2 /NDF: 379711.3/16

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1689.719+/-466.168 χ^2/NDF : 5.0/13

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

Right Out: 1913.444+/-440.542 χ^2/NDF : 13.6/16

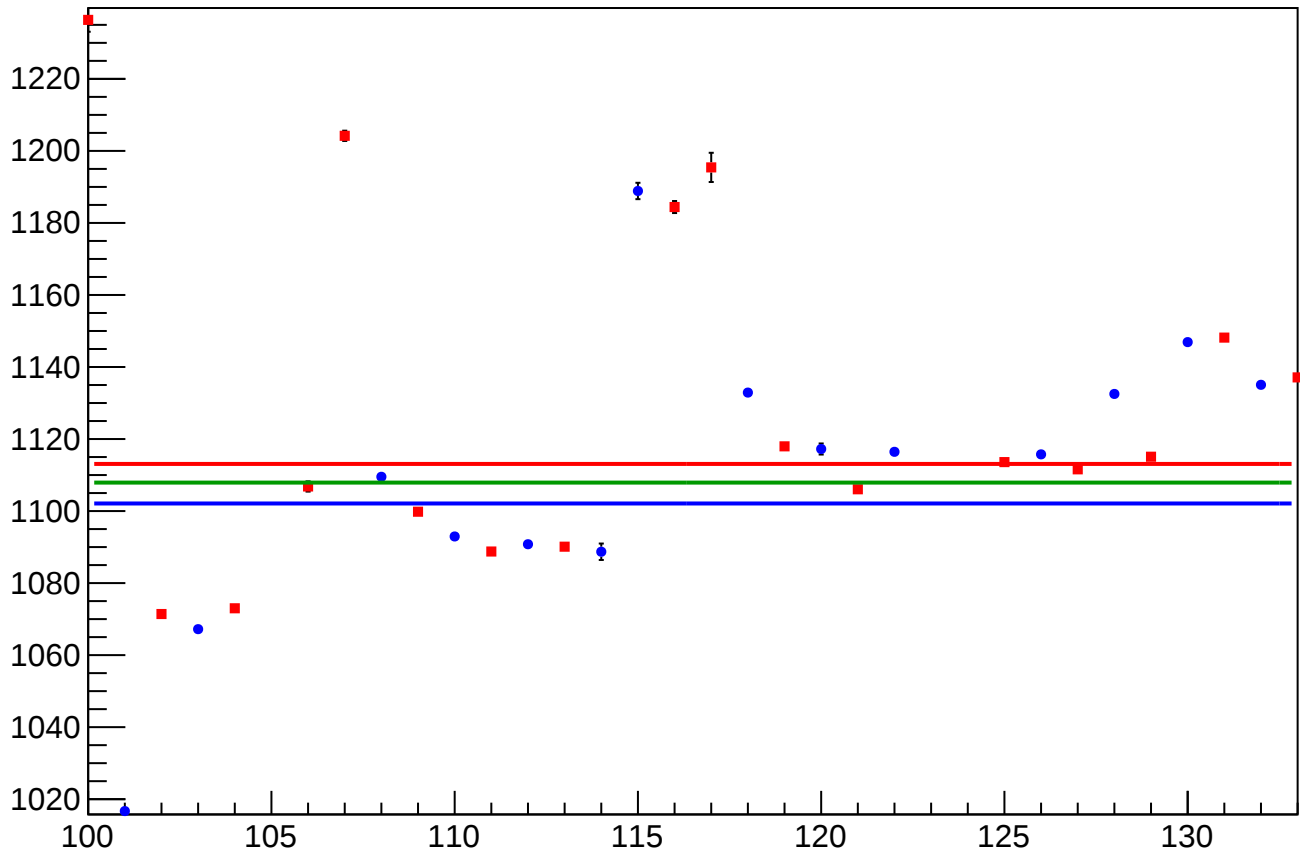
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1689.719+/-466.168 χ^2/NDF : 5.0/13

1807.899+/-320.186 χ^2/NDF : 18.8/30

1913.444+/-440.542 χ^2/NDF : 13.6/16

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.104+/-0.330 χ^2/NDF : 15263.1/13

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

Right Out: 1113.086+/-0.312 χ^2/NDF : 12918.2/16

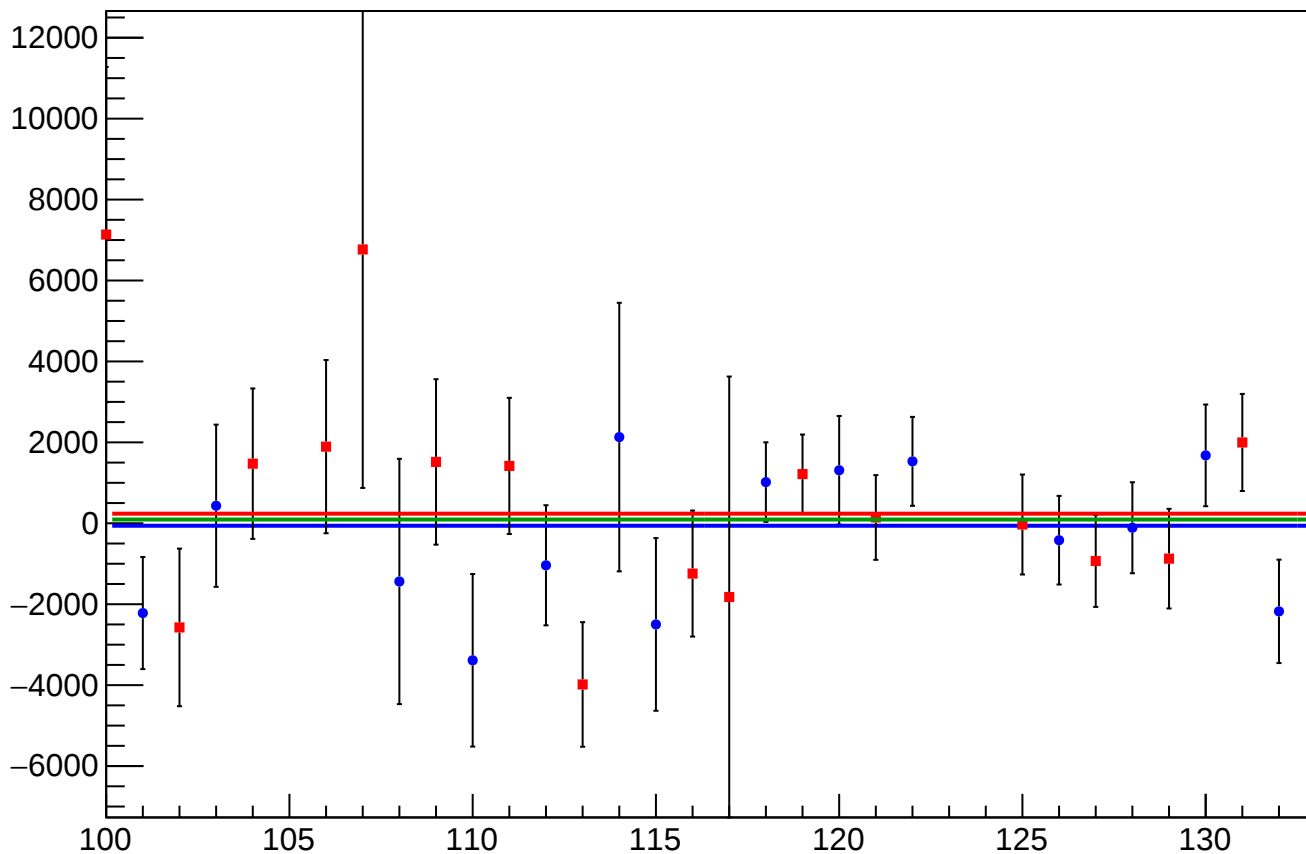
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1102.104+/-0.330 χ^2/NDF : 15263.1/13

1107.905+/-0.226 χ^2/NDF : 28767.5/30

1113.086+/-0.312 χ^2/NDF : 12918.2/16

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: 237.262+/-362.159 χ^2/NDF : 22.9/16

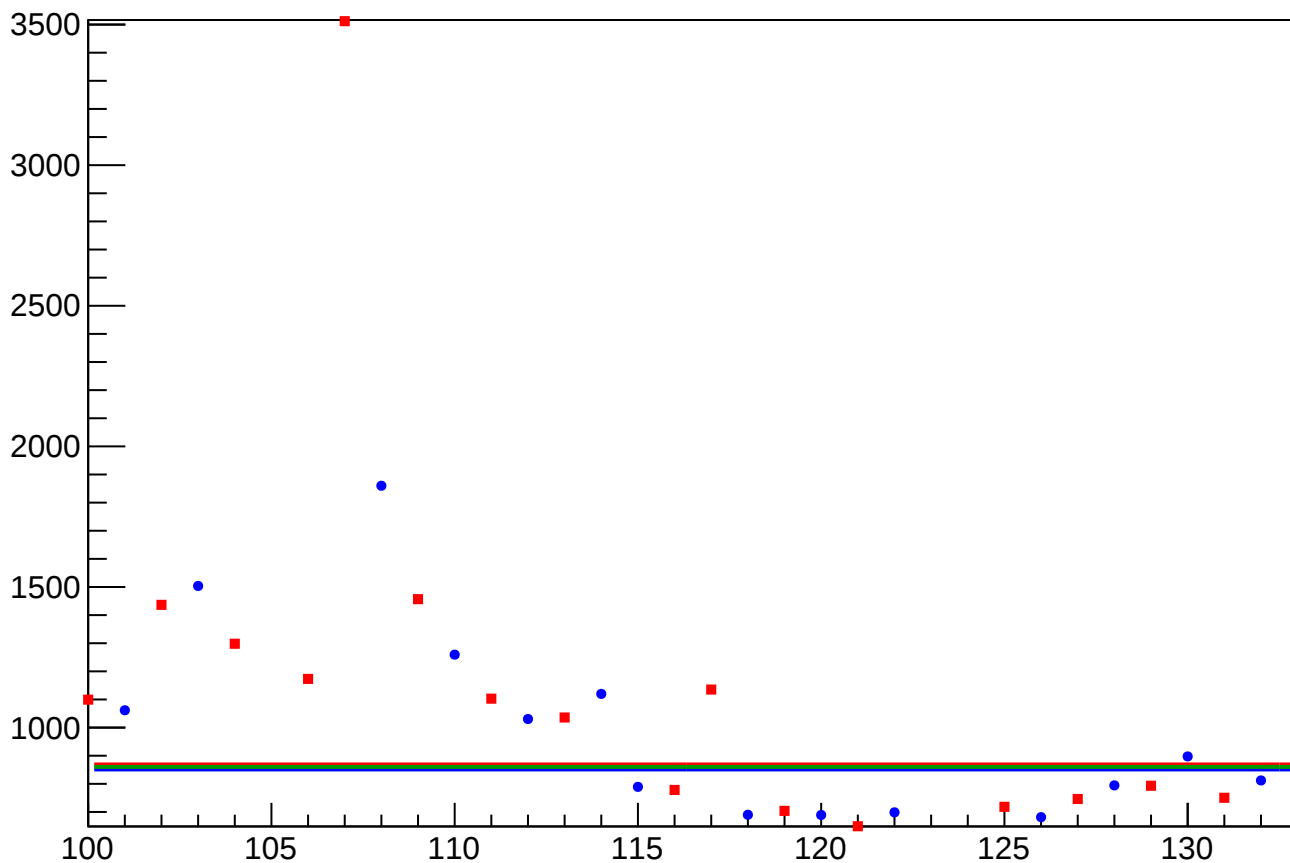
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.786+/-373.931 χ^2/NDF : 16.4/13

93.003+/-260.147 χ^2/NDF : 39.6/30

237.262+/-362.159 χ^2/NDF : 22.9/16

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: 868.850+/-0.256 χ^2/NDF : 1189989.9/16

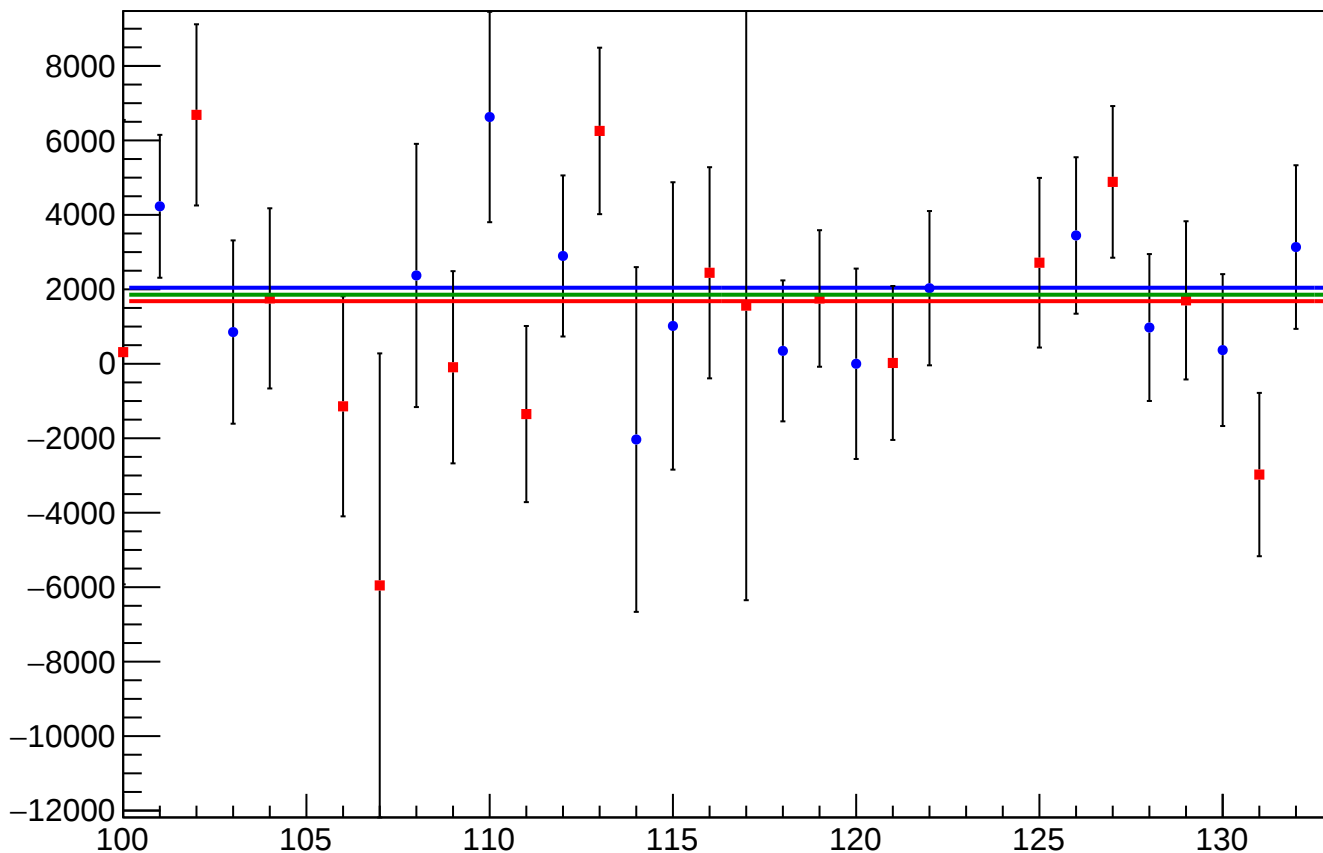
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

851.199+/-0.264 χ^2/NDF : 775977.7/13

860.307+/-0.184 χ^2/NDF : 1968266.9/30

868.850+/-0.256 χ^2/NDF : 1189989.9/16

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: 1682.204+/-600.140 χ^2/NDF : 21.0/16

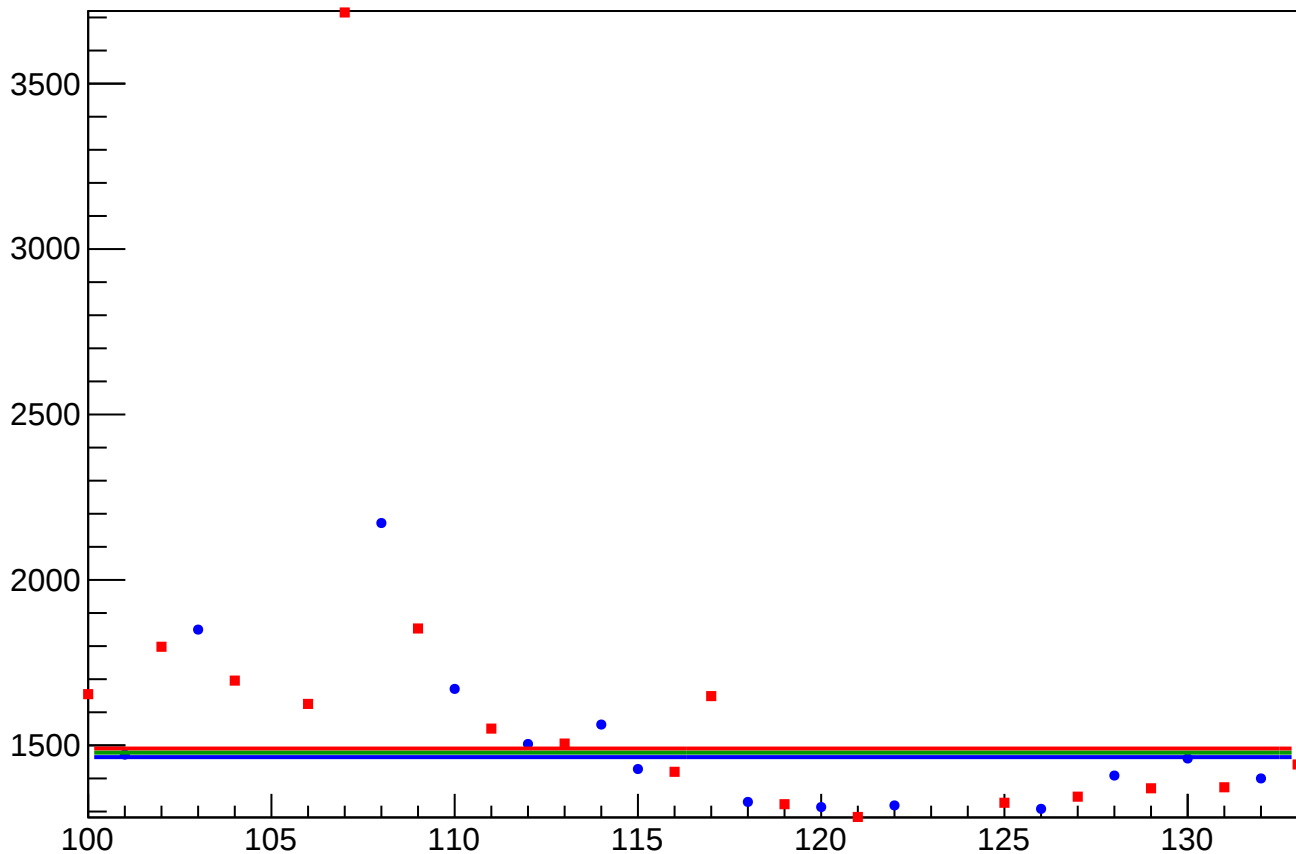
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2043.117+/-624.381 χ^2/NDF : 8.3/13

1855.519+/-432.679 χ^2/NDF : 29.4/30

1682.204+/-600.140 χ^2/NDF : 21.0/16

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: 1490.411+/-0.424 χ^2/NDF : 420145.1/16

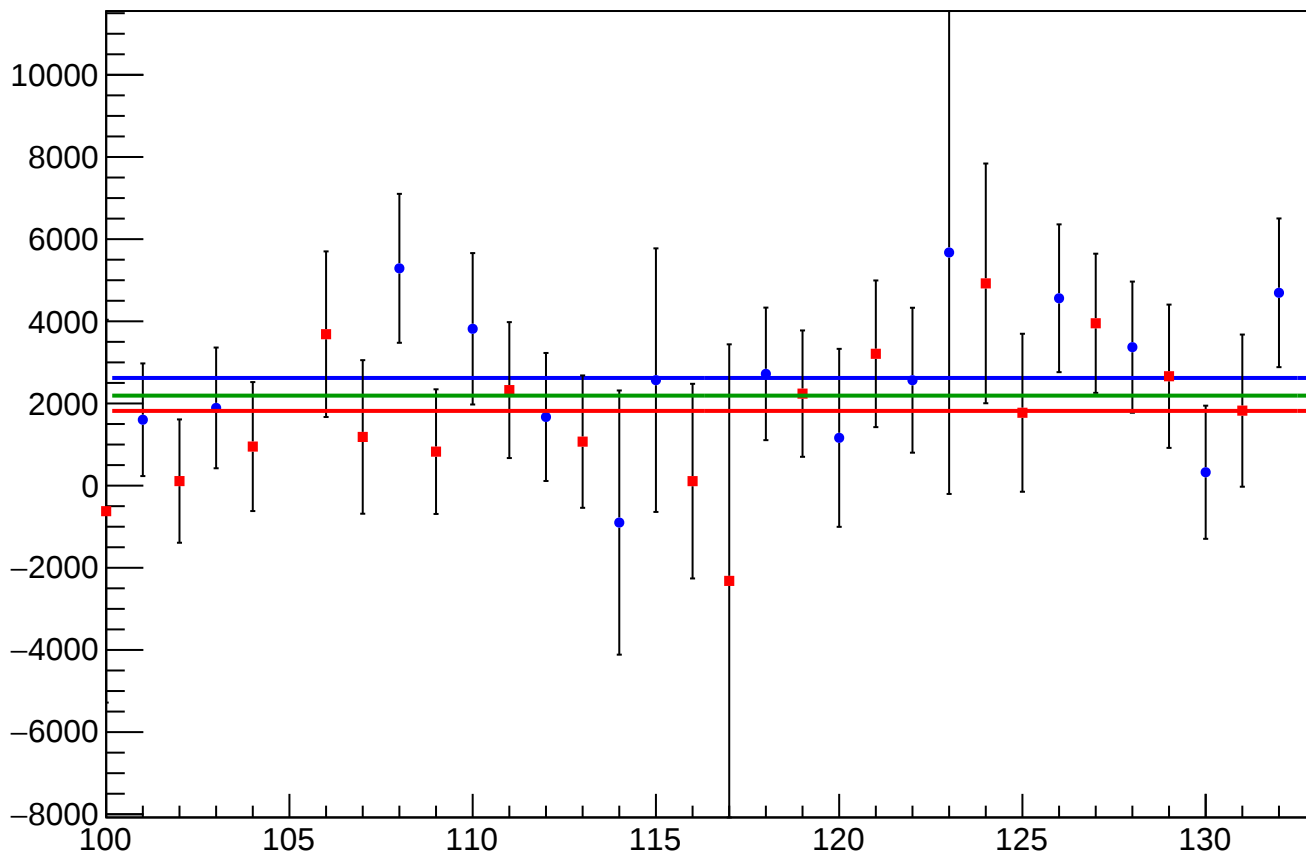
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1477.930+/-0.306 χ^2/NDF : 605038.0/30

1490.411+/-0.424 χ^2/NDF : 420145.1/16

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: 1818.946 $\pm$ 436.879 χ^2 /NDF: 8.3/17

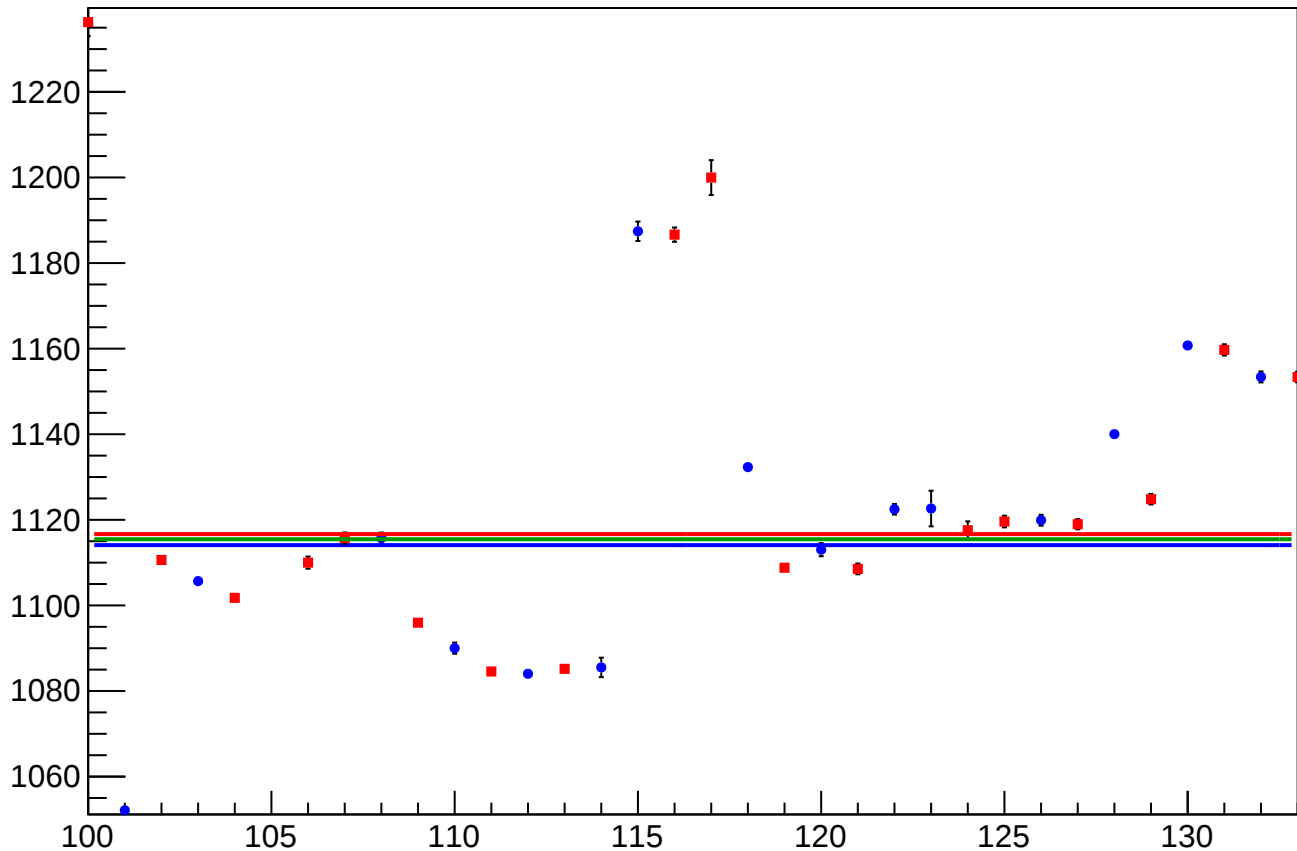
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2191.096 $\pm$ 319.860 χ^2 /NDF: 20.2/32

1818.946 $\pm$ 436.879 χ^2 /NDF: 8.3/17

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1114.091 $\pm$ 0.332 χ^2/NDF : 9895.4/14

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

Right Out: 1116.663 $\pm$ 0.309 χ^2/NDF : 7707.9/17

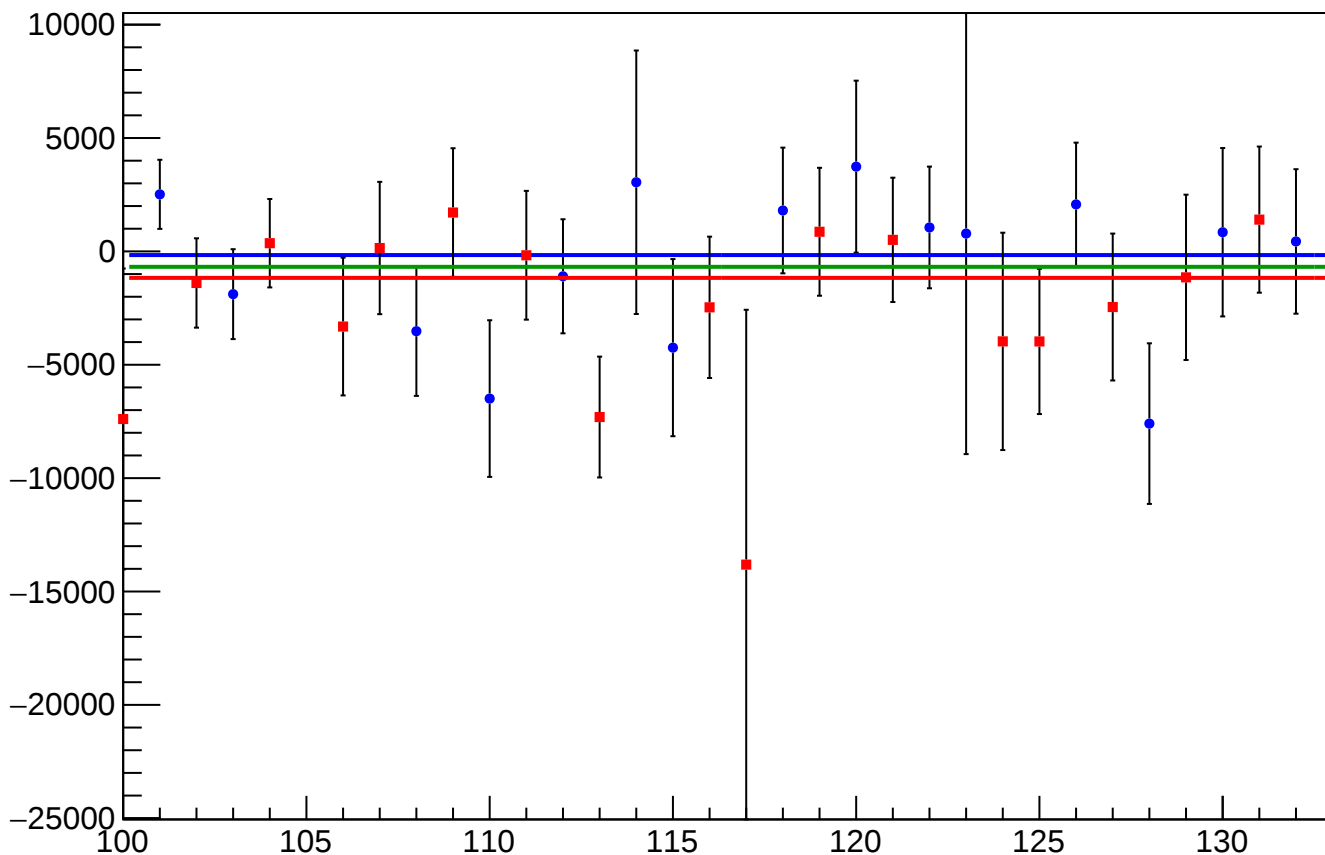
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1114.091 $\pm$ 0.332 χ^2/NDF : 9895.4/14

1115.470 $\pm$ 0.226 χ^2/NDF : 17635.4/32

1116.663 $\pm$ 0.309 χ^2/NDF : 7707.9/17

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: -1167.669+/-706.322 χ^2 /NDF: 14.1/17

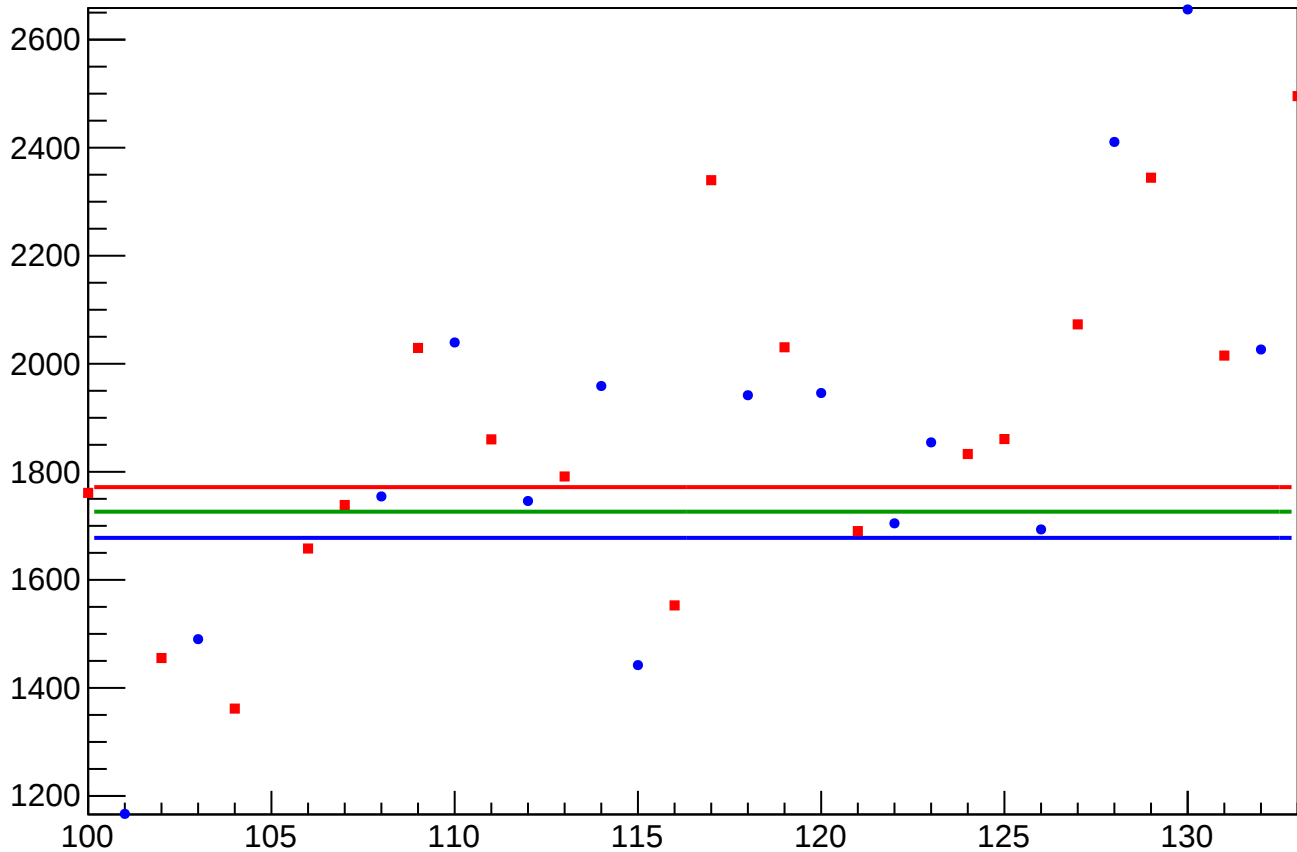
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-162.135+/-729.394 χ^2 /NDF: 17.1/14

-681.057+/-507.406 χ^2 /NDF: 32.1/32

-1167.669+/-706.322 χ^2 /NDF: 14.1/17

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: 1771.662 $\pm$ 0.499 χ^2 /NDF: 347066.7/17

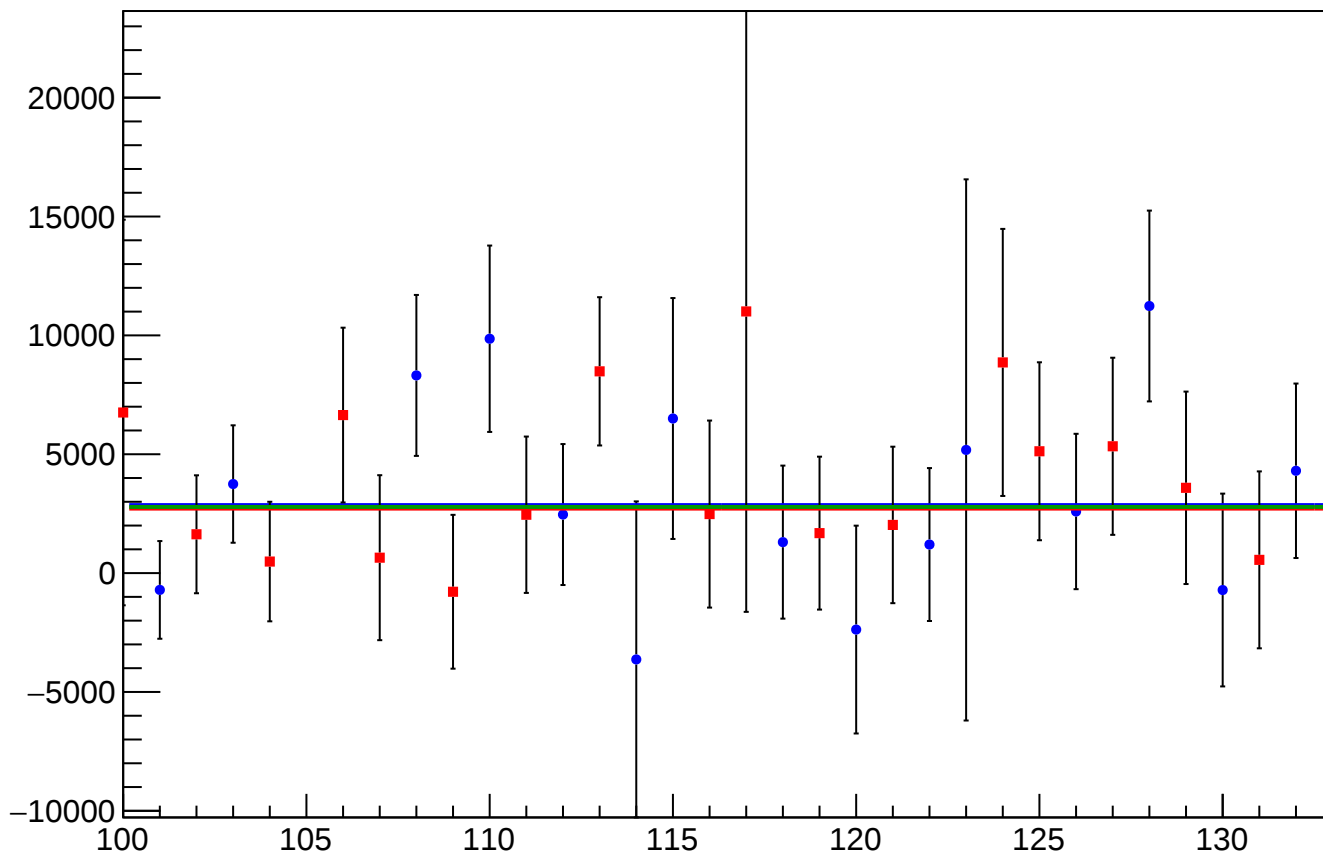
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1726.220 $\pm$ 0.359 χ^2 /NDF: 921197.7/32

1771.662 $\pm$ 0.499 χ^2 /NDF: 347066.7/17

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: 2713.891 $\pm$ 842.667 χ^2 /NDF: 11.2/17

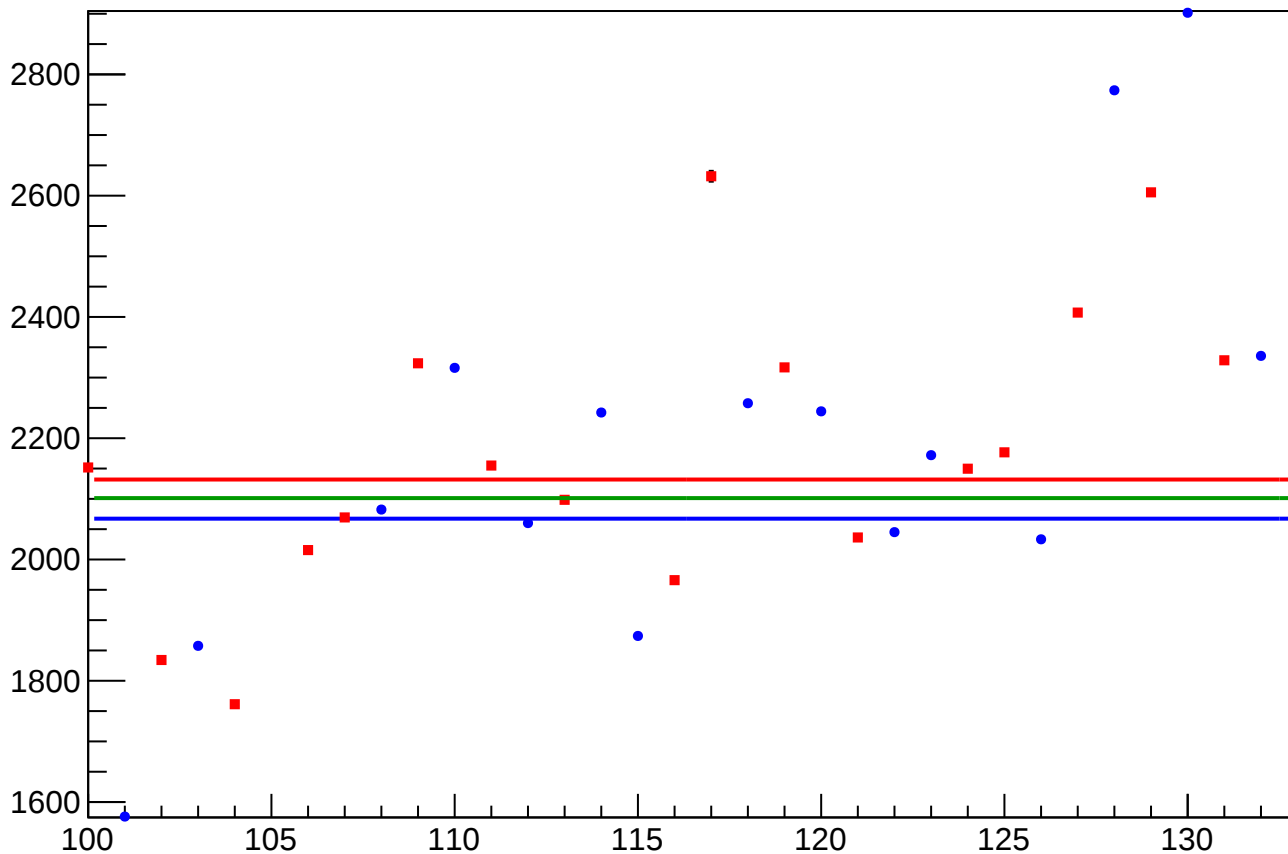
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2783.277 $\pm$ 610.764 χ^2 /NDF: 28.9/32

2713.891 $\pm$ 842.667 χ^2 /NDF: 11.2/17

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: 2131.885+/-0.596 χ^2/NDF : 185577.6/17

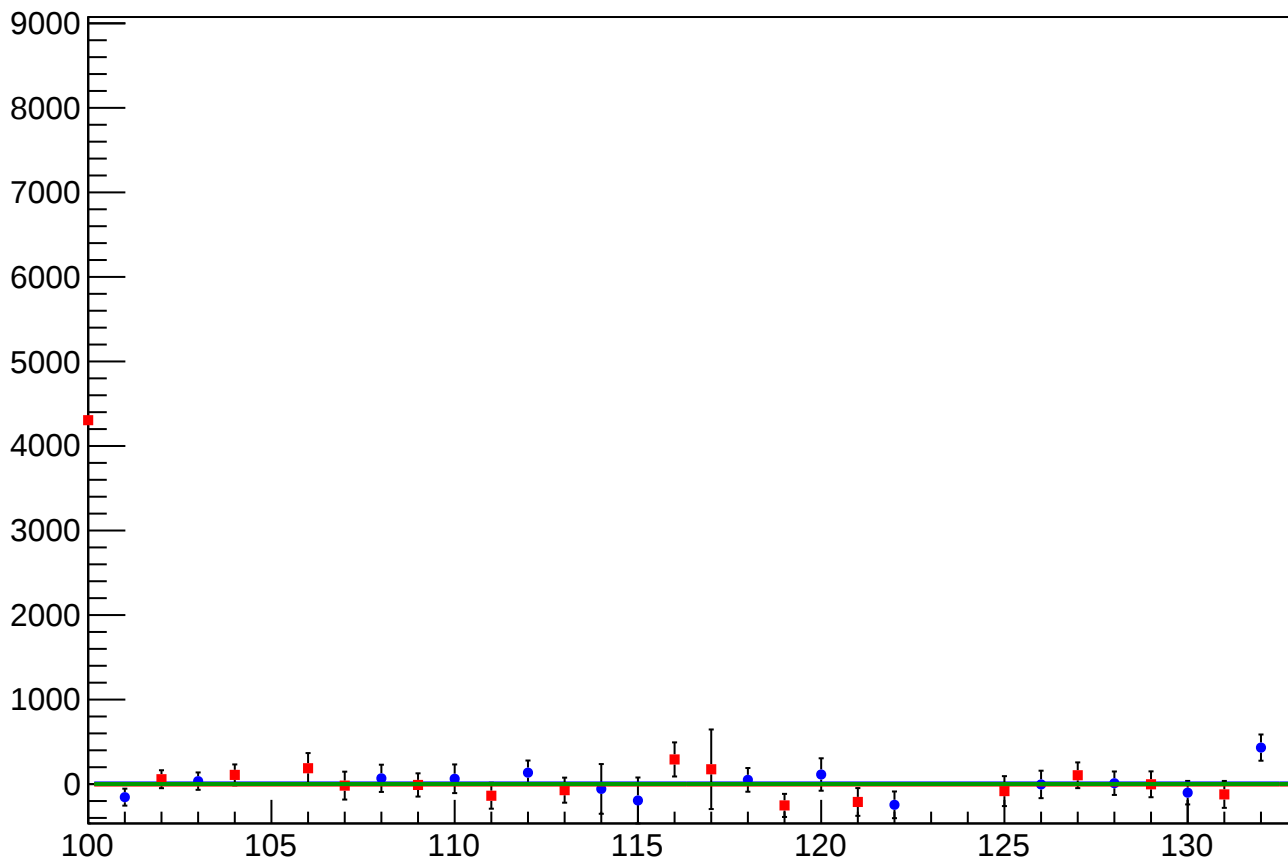
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2101.247+/-0.432 χ^2/NDF : 500384.4/32

2131.885+/-0.596 χ^2/NDF : 185577.6/17

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: -5.238+/-38.256 χ^2 /NDF: 13.1/16

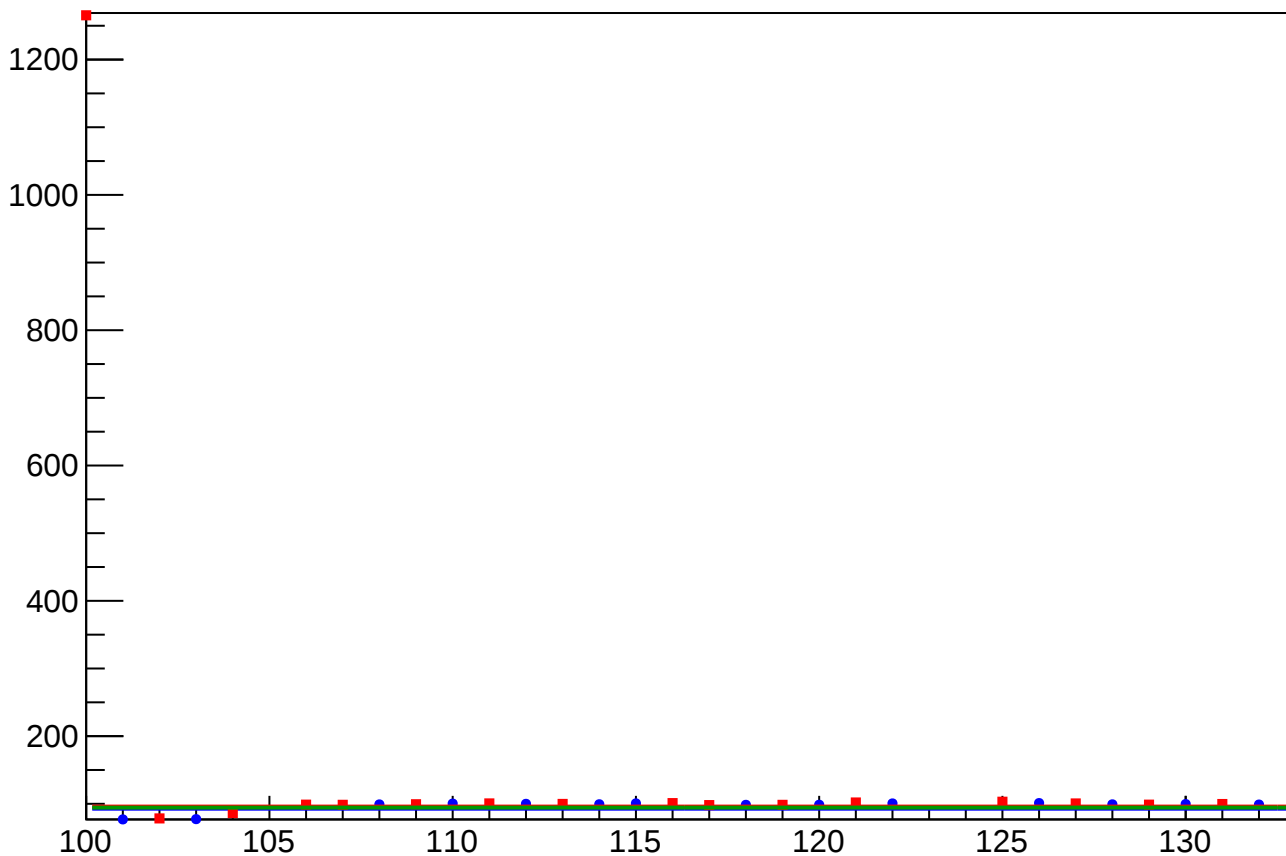
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

7.935+/-39.463 χ^2 /NDF: 15.4/13

1.144+/-27.468 χ^2 /NDF: 28.5/30

-5.238+/-38.256 χ^2 /NDF: 13.1/16

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: 95.878 $\pm$ 0.027 χ^2 /NDF: 205175.6/16

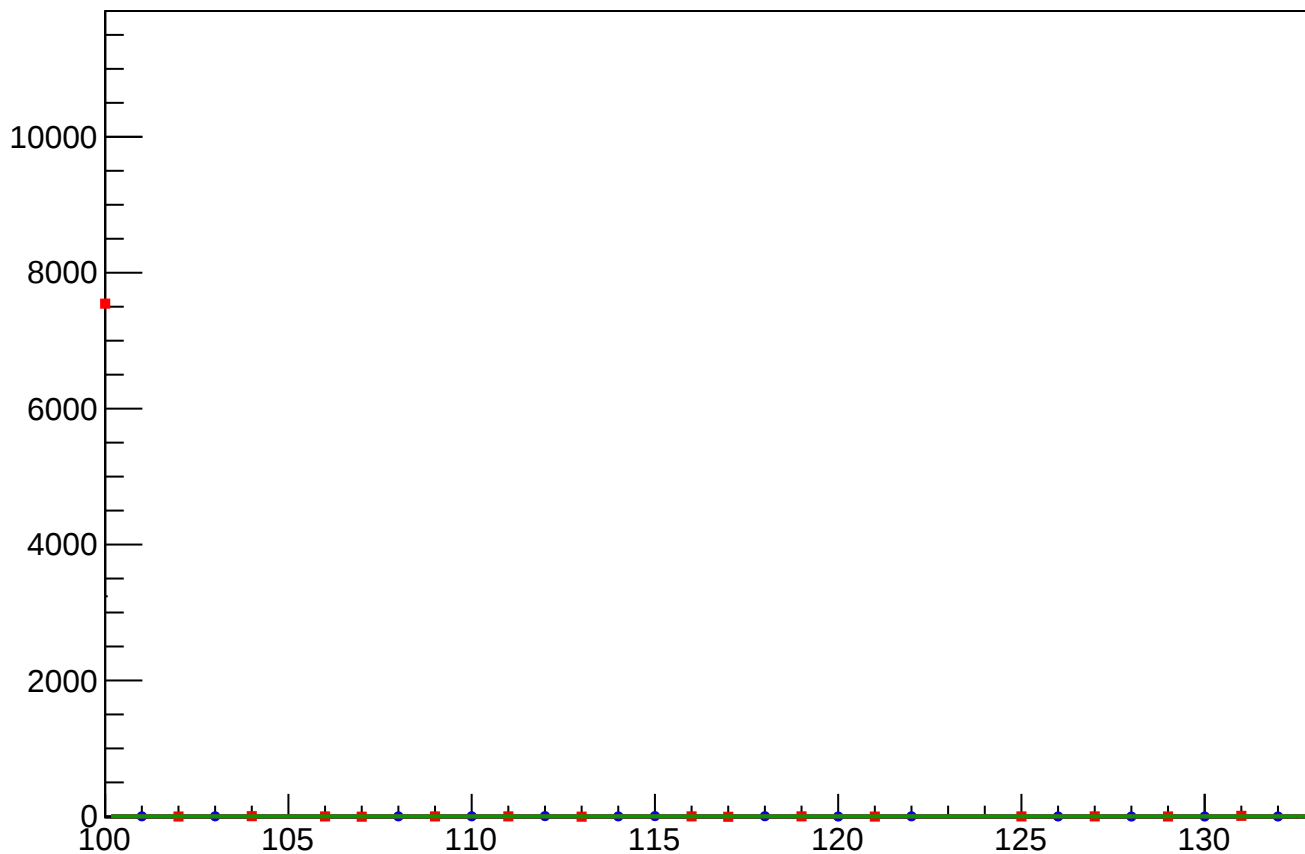
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

94.389 $\pm$ 0.019 χ^2 /NDF: 348461.7/30

95.878 $\pm$ 0.027 χ^2 /NDF: 205175.6/16

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: -0.500+/-0.667 χ^2/NDF : 22.1/16

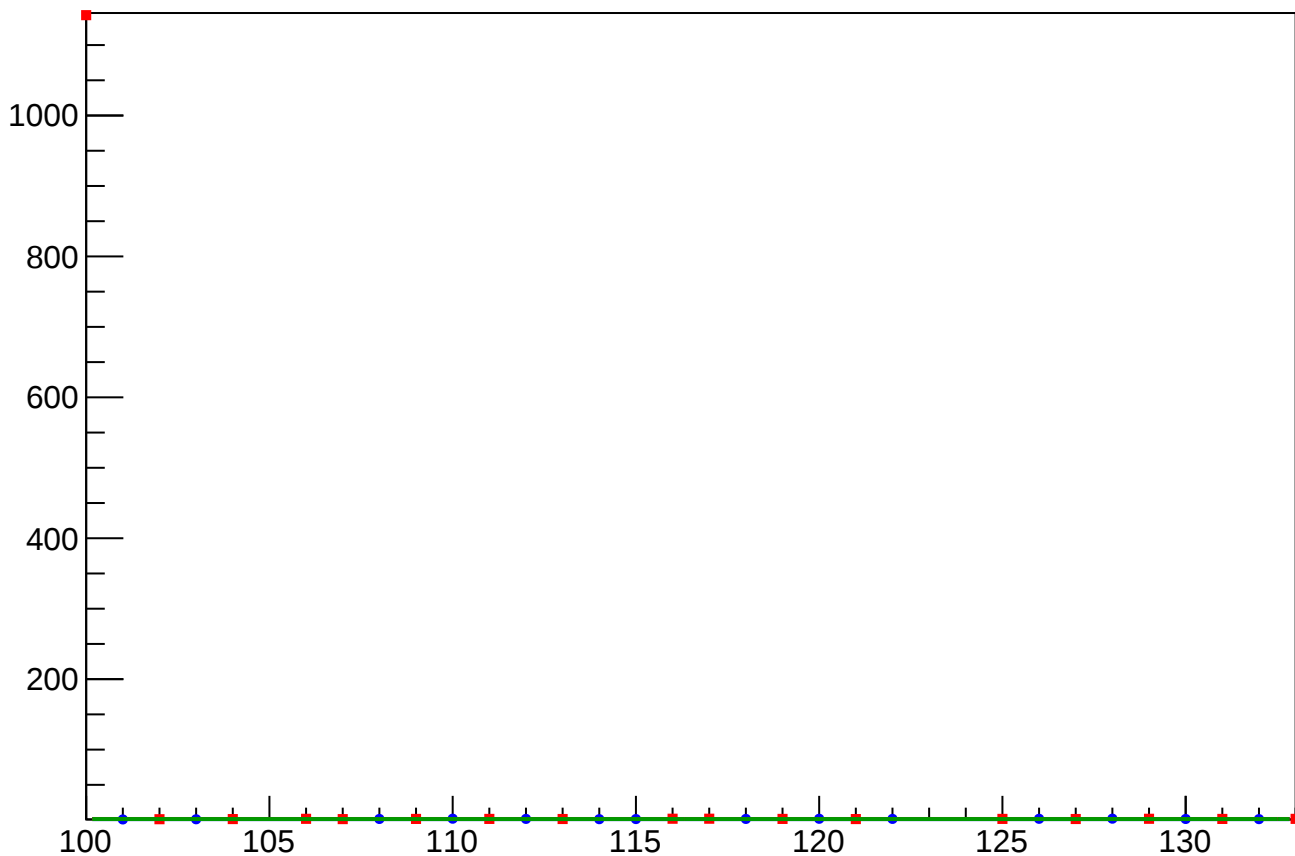
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.393+/-0.652 χ^2/NDF : 7.2/13

-0.043+/-0.466 χ^2/NDF : 30.2/30

-0.500+/-0.667 χ^2/NDF : 22.1/16

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.370+/-0.000 χ^2/NDF : 616718.5/13

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

Right Out: 1.538+/-0.000 χ^2/NDF : 292800.2/16

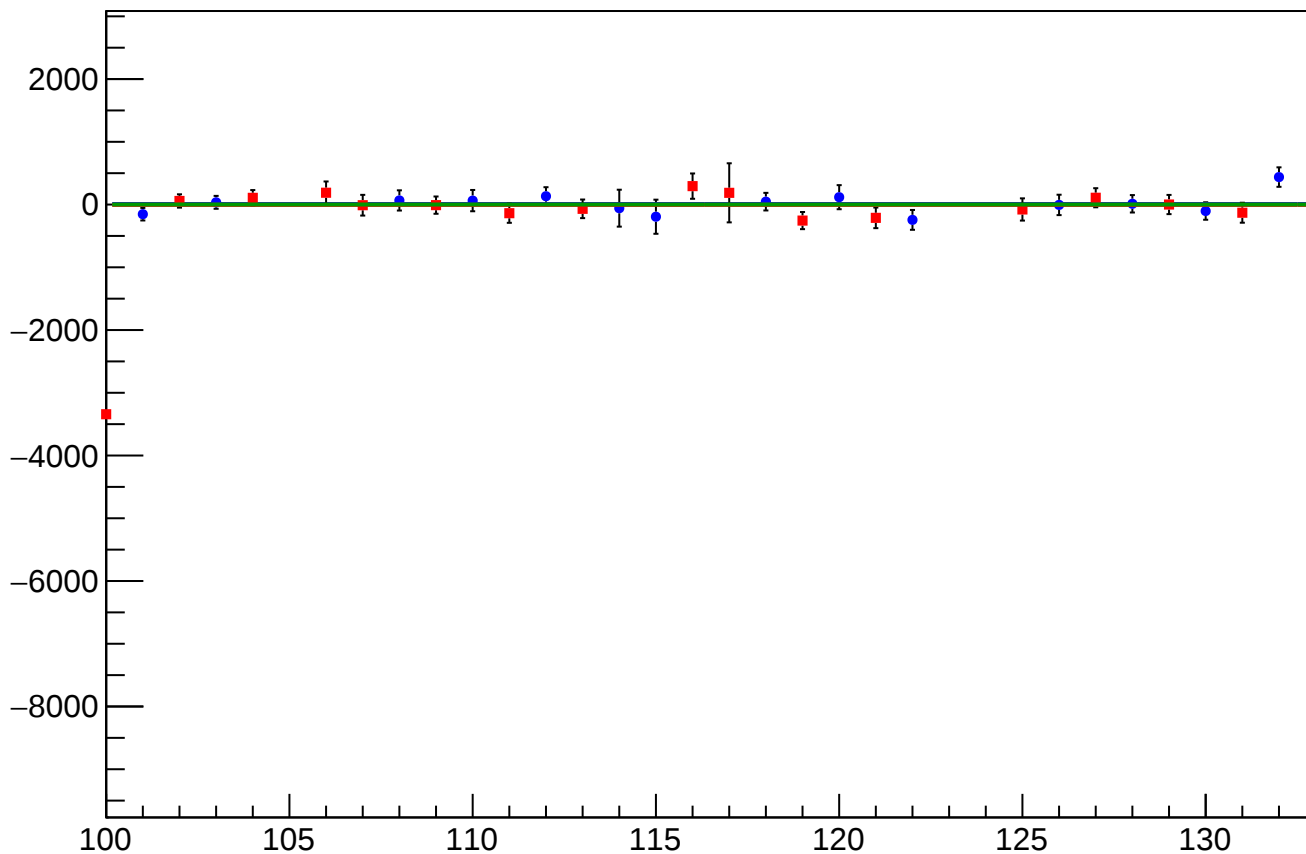
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.370+/-0.000 χ^2/NDF : 616718.5/13

1.452+/-0.000 χ^2/NDF : 974492.1/30

1.538+/-0.000 χ^2/NDF : 292800.2/16

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: -5.197+/-38.267 χ^2 /NDF: 12.8/16

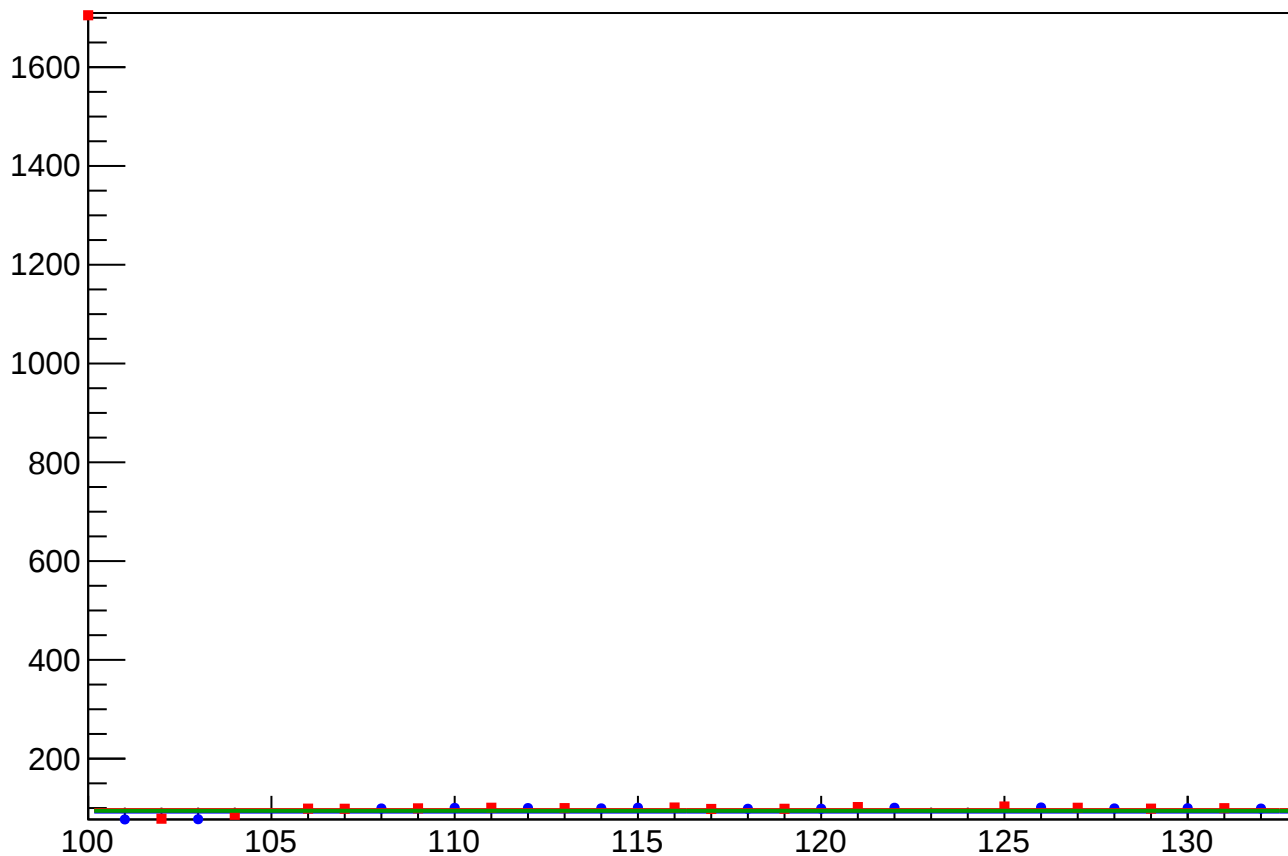
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

7.811+/-39.473 χ^2 /NDF: 15.5/13

1.105+/-27.475 χ^2 /NDF: 28.3/30

-5.197+/-38.267 χ^2 /NDF: 12.8/16

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: 95.885+/-0.027 χ^2/NDF : 210284.8/16

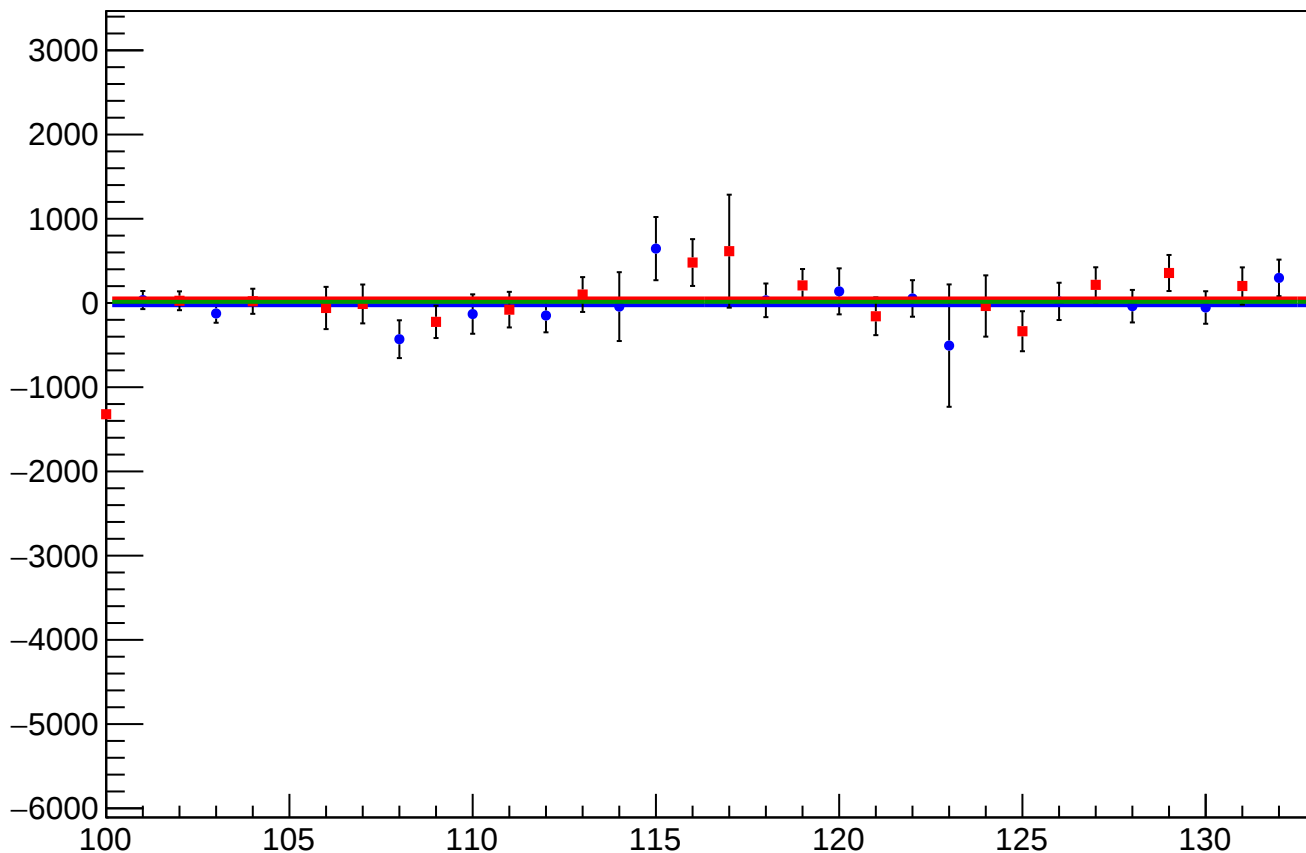
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.829+/-0.028 χ^2/NDF : 137053.5/13

94.404+/-0.019 χ^2/NDF : 353519.8/30

95.885+/-0.027 χ^2/NDF : 210284.8/16

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -26.240 $\pm$ 49.844 χ^2 /NDF: 11.5/14

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

Right Out: 53.485 $\pm$ 49.559 χ^2 /NDF: 14.0/17

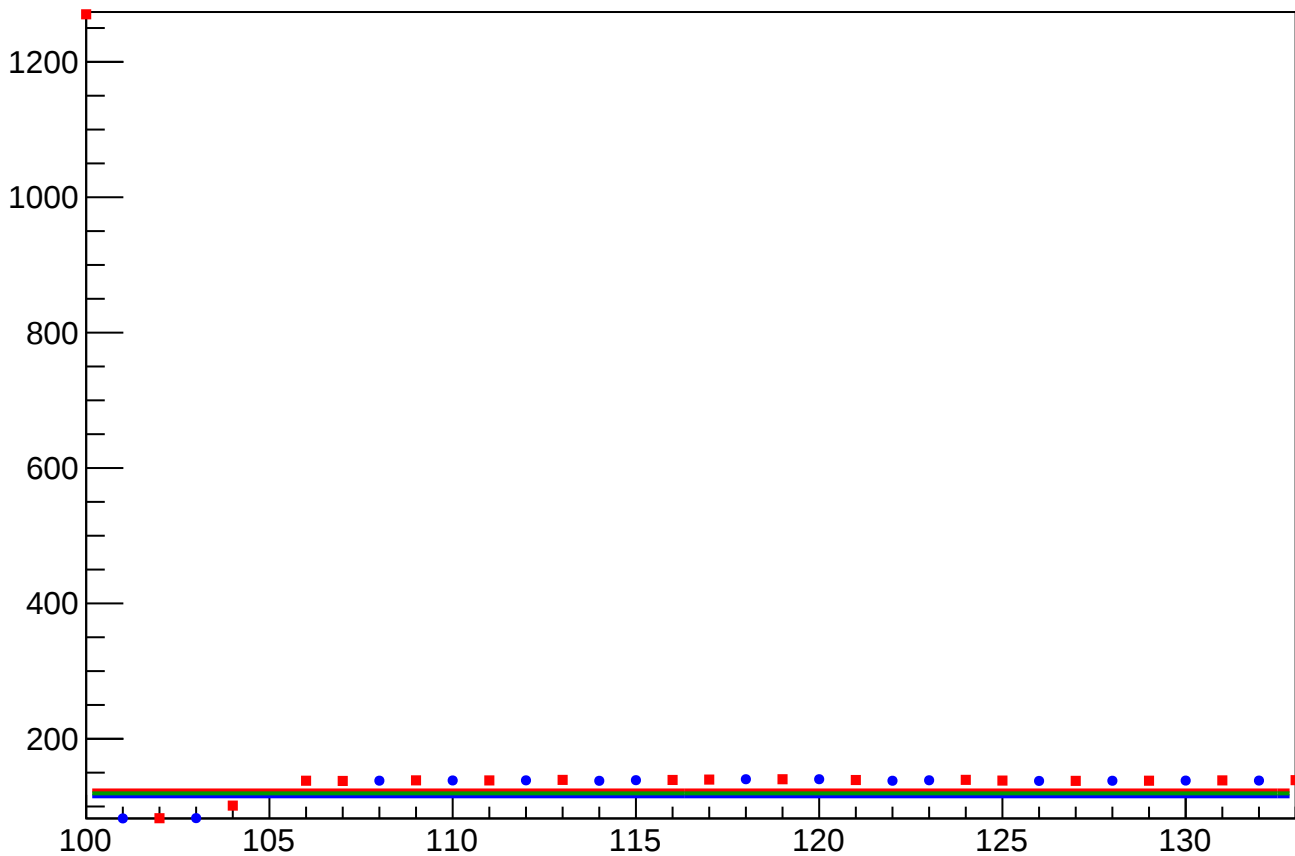
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-26.240 $\pm$ 49.844 χ^2 /NDF: 11.5/14

13.851 $\pm$ 35.144 χ^2 /NDF: 26.8/32

53.485 $\pm$ 49.559 χ^2 /NDF: 14.0/17

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: 123.682+/-0.035 χ^2/NDF : 556761.6/17

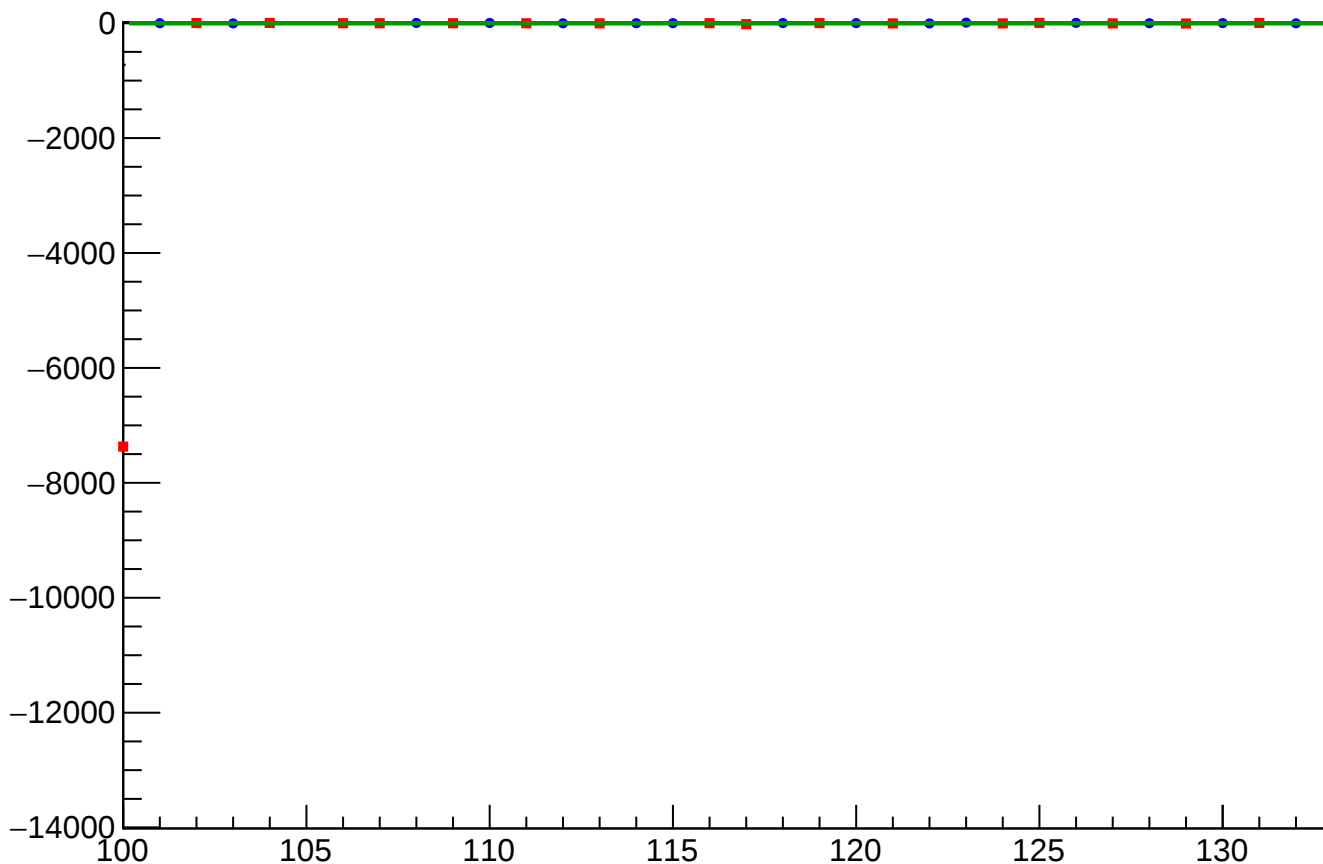
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.046+/-0.035 χ^2/NDF : 614799.9/14

119.389+/-0.025 χ^2/NDF : 1201753.3/32

123.682+/-0.035 χ^2/NDF : 556761.6/17

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: -0.610+/-0.885 χ^2/NDF : 14.1/17

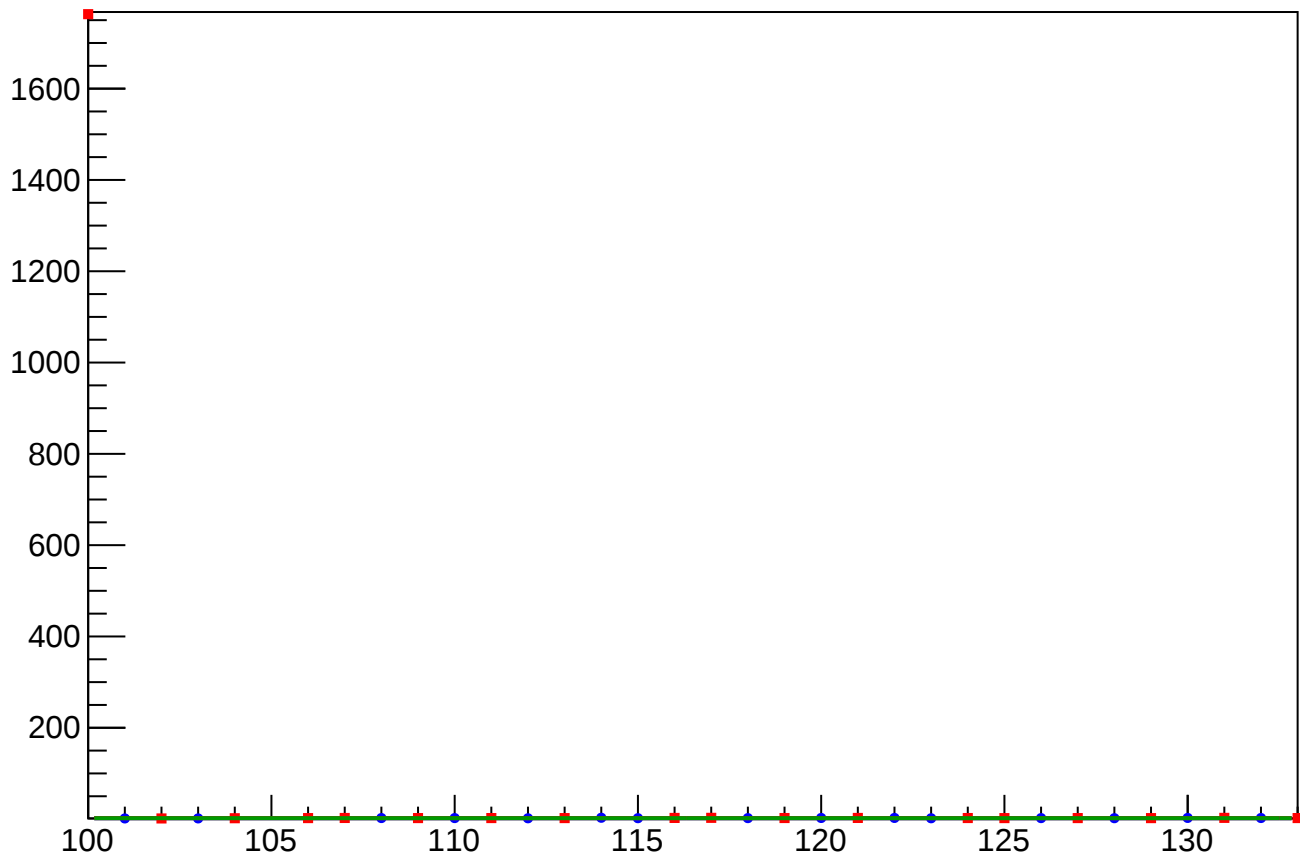
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.878+/-0.870 χ^2/NDF : 10.8/14

-0.747+/-0.620 χ^2/NDF : 24.9/32

-0.610+/-0.885 χ^2/NDF : 14.1/17

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: 2.051 $\pm$ 0.001 χ^2 /NDF: 509550.5/17

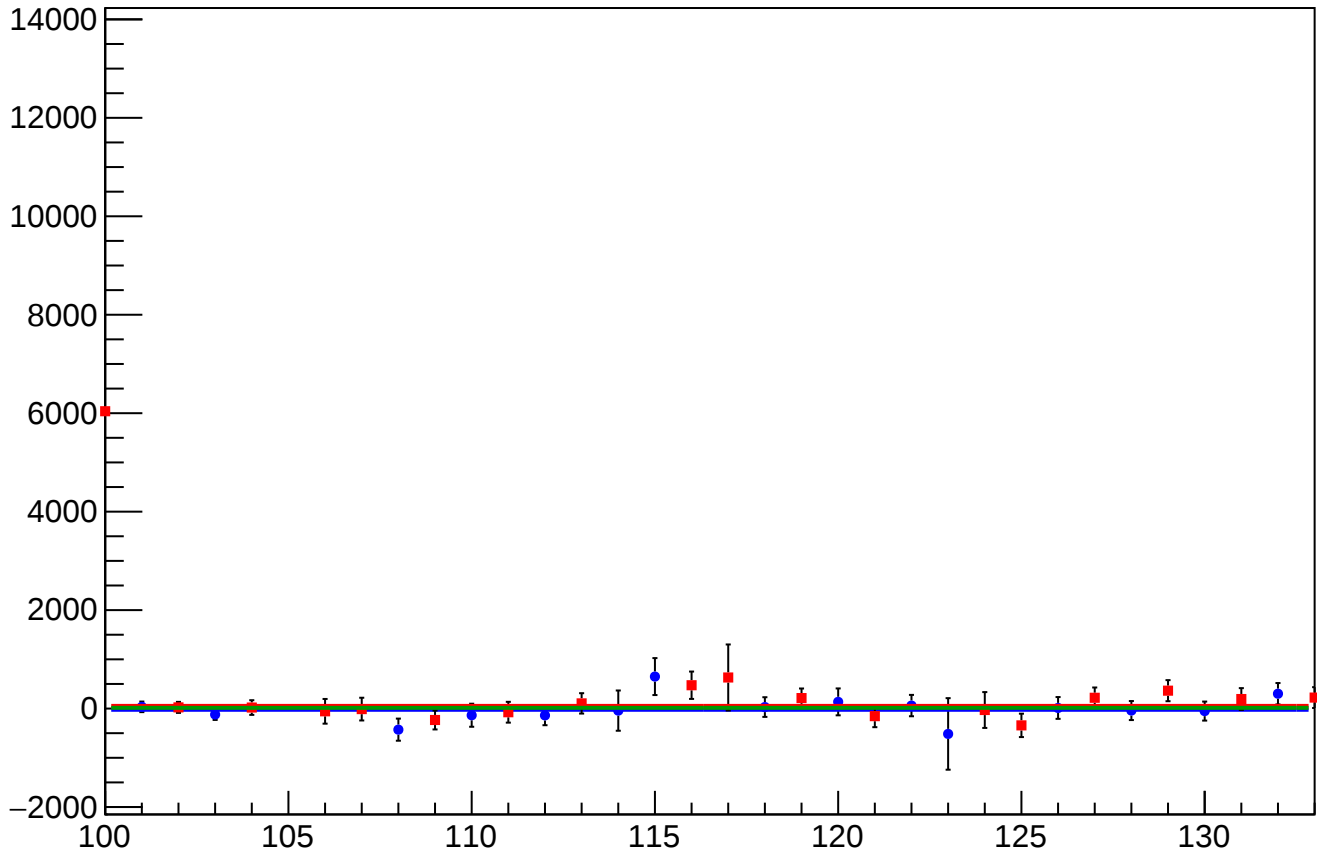
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1.946 $\pm$ 0.000 χ^2 /NDF: 1015680.2/32

2.051 $\pm$ 0.001 χ^2 /NDF: 509550.5/17

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: 54.325 ± 49.574 χ^2/NDF : 14.7/17

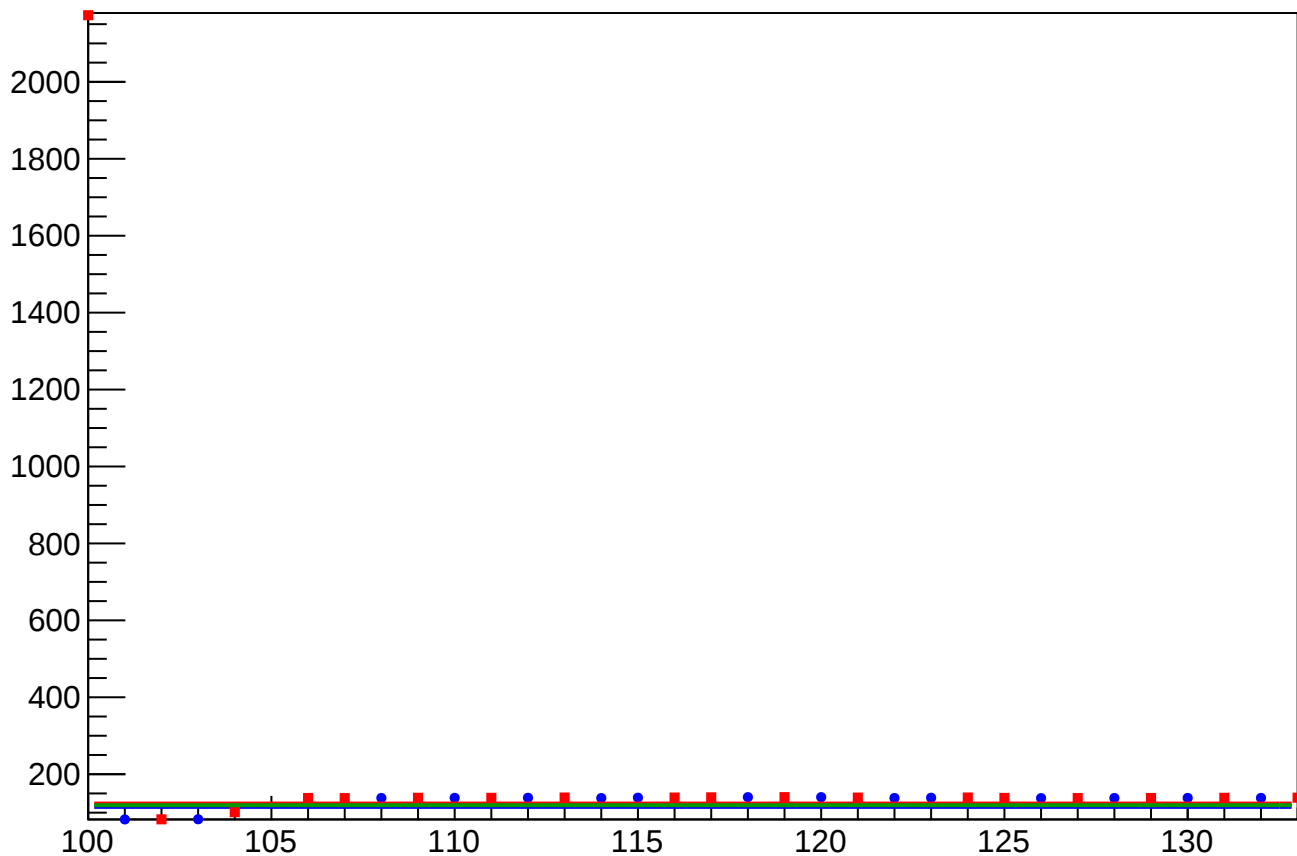
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-24.665 ± 49.857 χ^2/NDF : 11.4/14

15.055 ± 35.154 χ^2/NDF : 27.4/32

54.325 ± 49.574 χ^2/NDF : 14.7/17

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: 123.667 $\pm$ 0.035 χ^2 /NDF: 567255.9/17

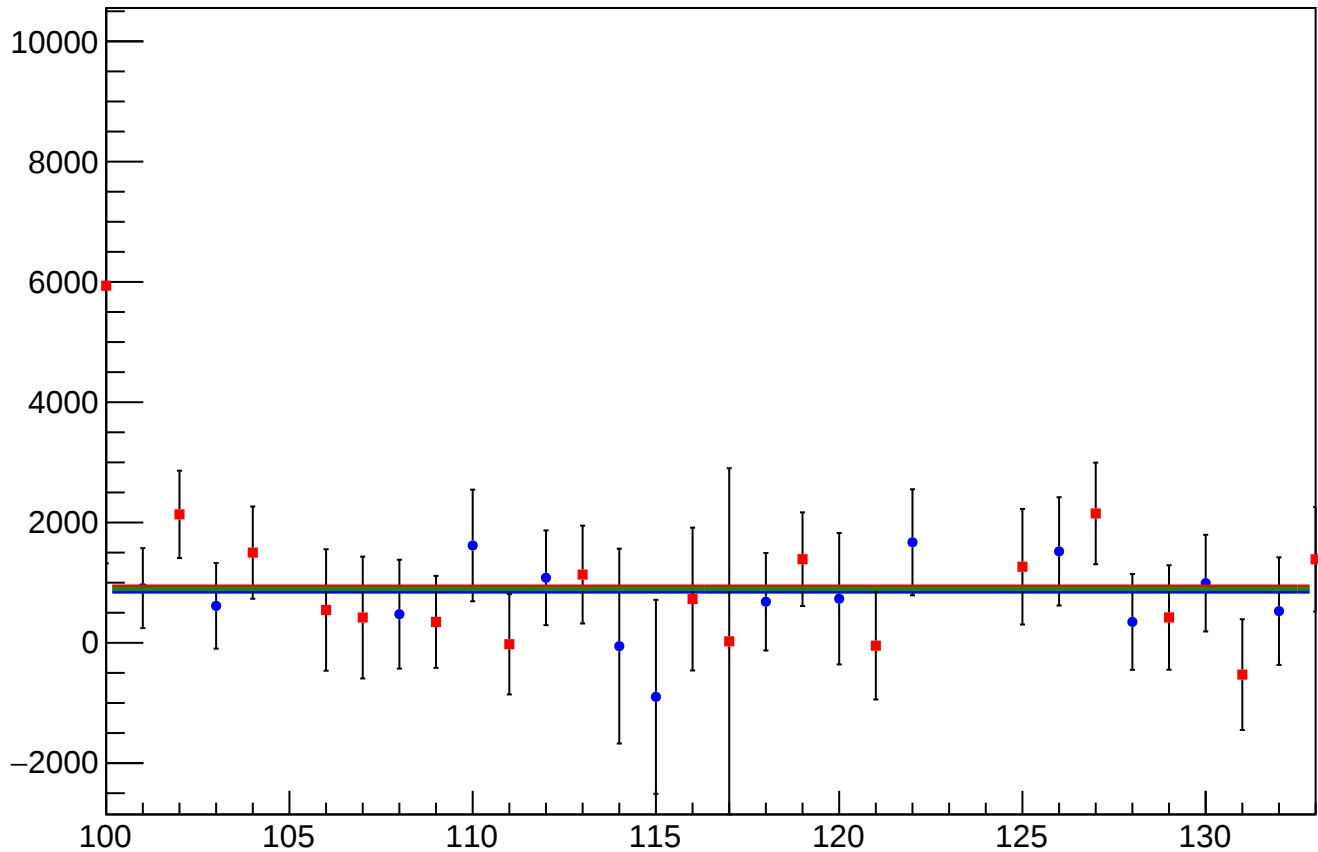
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

119.397 $\pm$ 0.025 χ^2 /NDF: 1211959.0/32

123.667 $\pm$ 0.035 χ^2 /NDF: 567255.9/17

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: 936.528+/-221.941 χ^2/NDF : 13.8/16

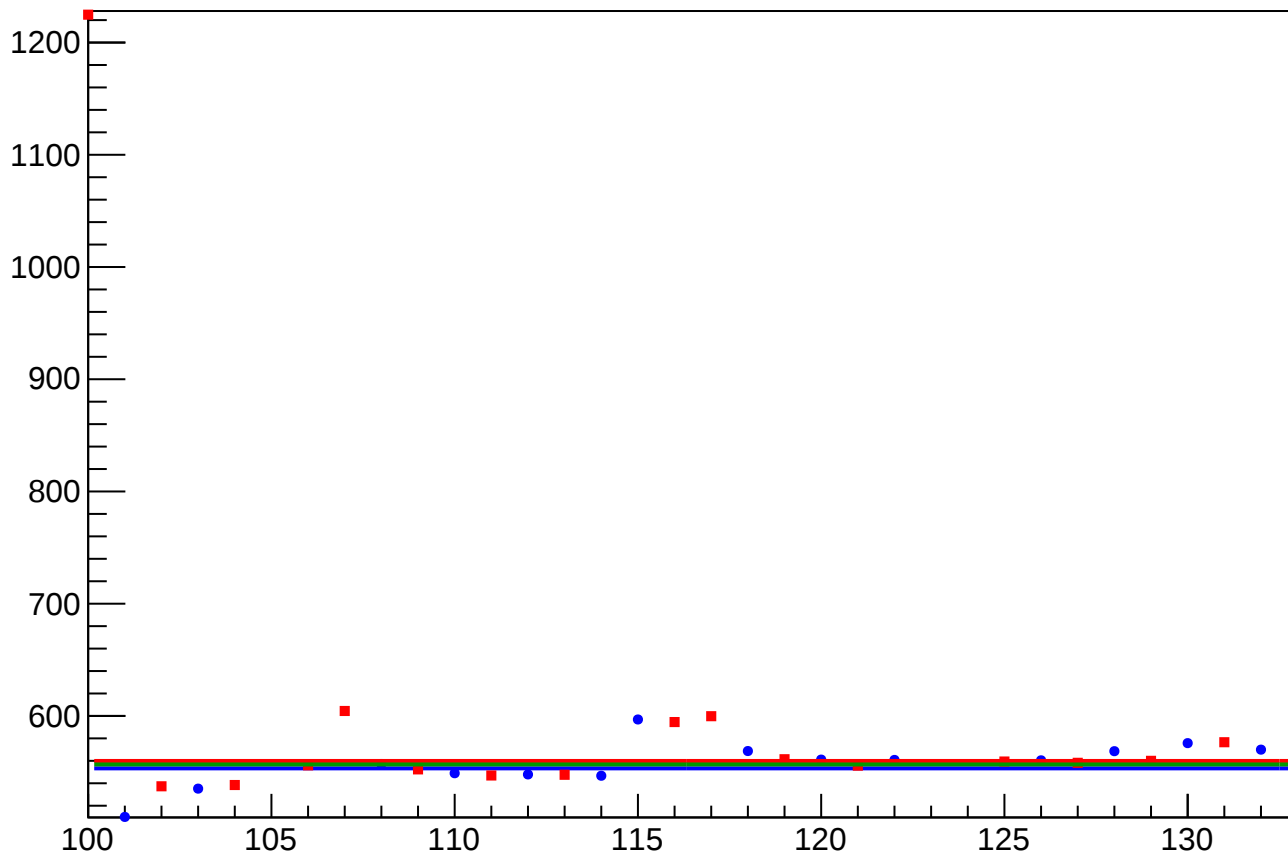
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

851.123+/-234.030 χ^2/NDF : 4.6/13

896.088+/-161.040 χ^2/NDF : 18.5/30

936.528+/-221.941 χ^2/NDF : 13.8/16

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: 559.877+/-0.157 χ^2/NDF : 53156.0/16

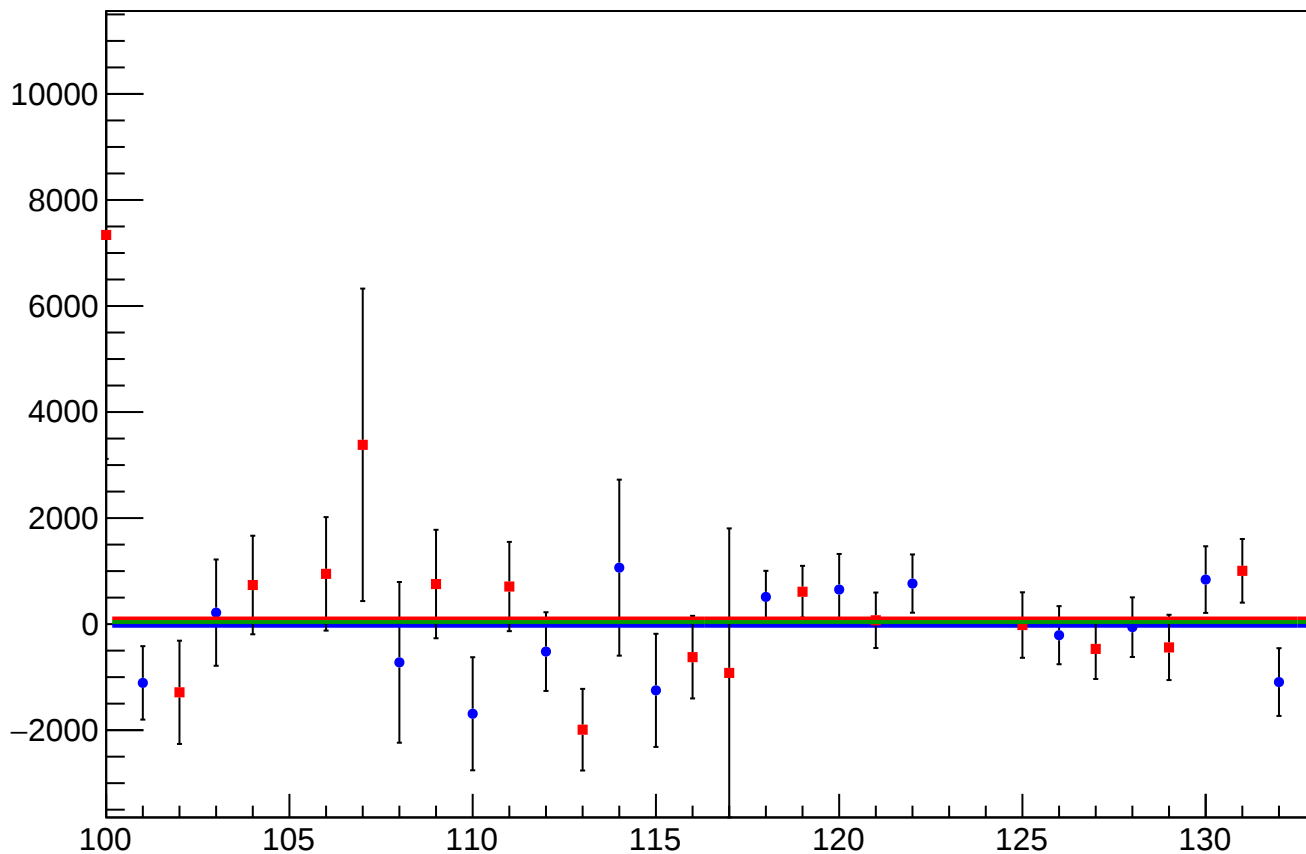
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

553.283+/-0.165 χ^2/NDF : 15534.0/13

556.755+/-0.114 χ^2/NDF : 69526.1/30

559.877+/-0.157 χ^2/NDF : 53156.0/16

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -30.589 ± 187.008 $\chi^2/\text{NDF}: 16.4/13$

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

Right Out: 105.596 ± 181.654 $\chi^2/\text{NDF}: 23.1/16$

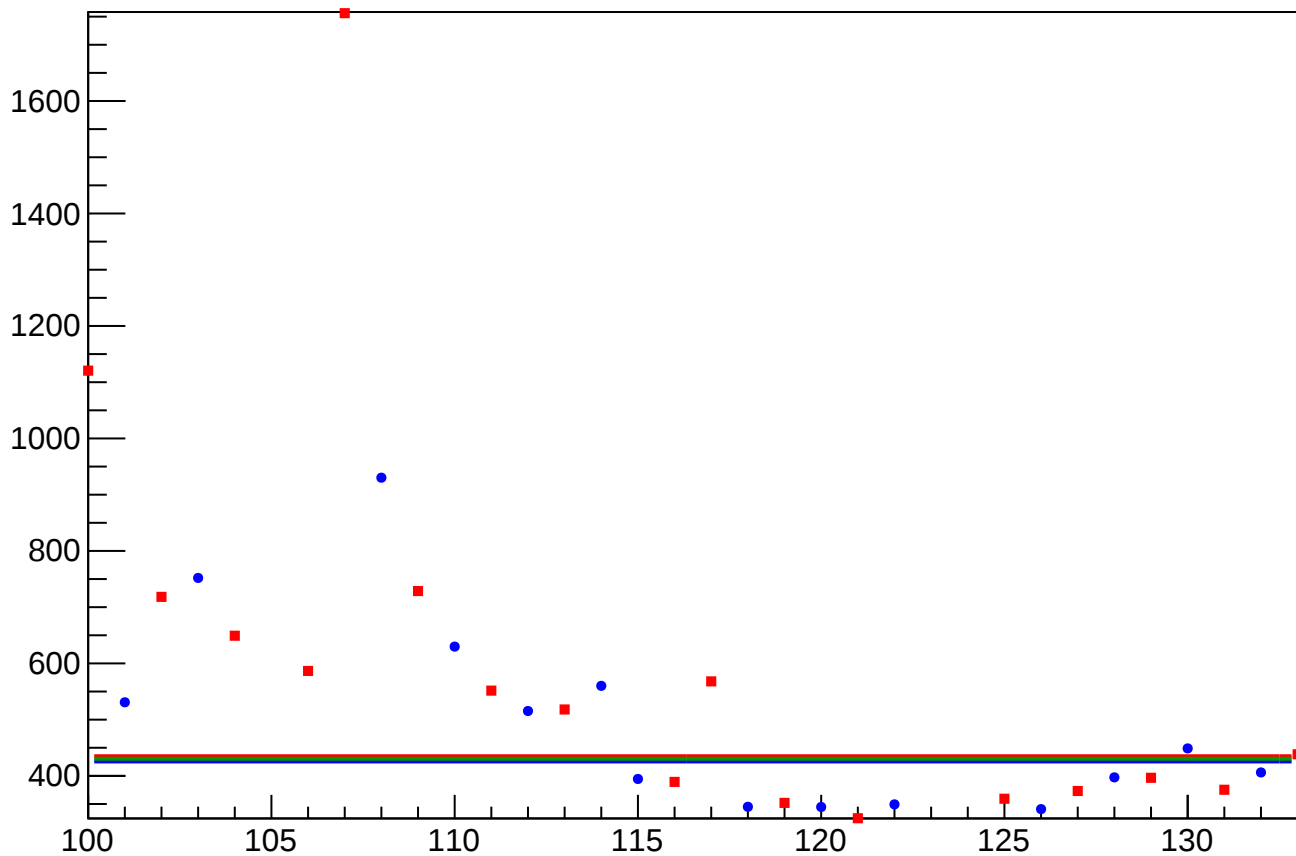
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-30.589 ± 187.008 $\chi^2/\text{NDF}: 16.4/13$

39.481 ± 130.300 $\chi^2/\text{NDF}: 39.8/30$

105.596 ± 181.654 $\chi^2/\text{NDF}: 23.1/16$

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: 434.921+/-0.128 χ^2/NDF : 1236416.6/16

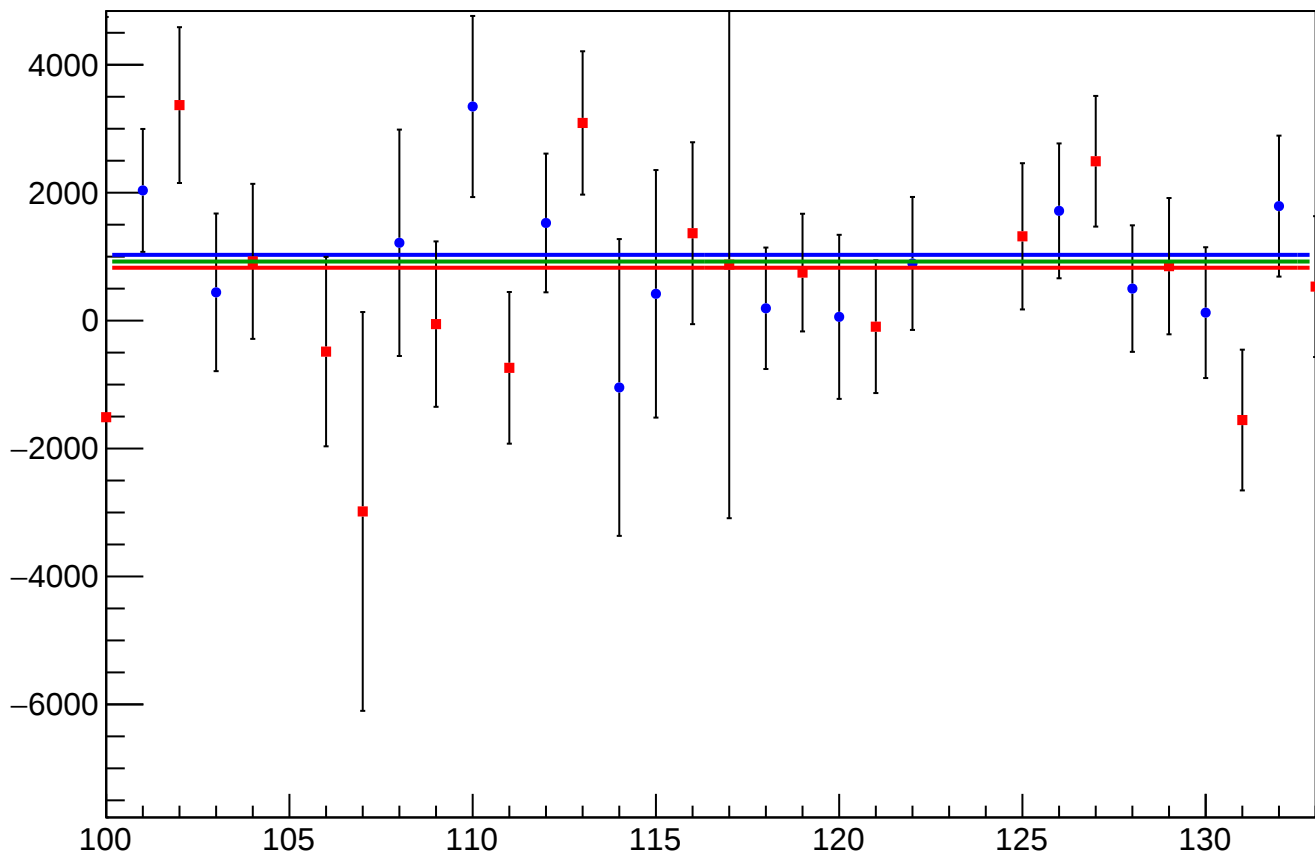
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

425.695+/-0.132 χ^2/NDF : 775978.6/13

430.442+/-0.092 χ^2/NDF : 2014899.6/30

434.921+/-0.128 χ^2/NDF : 1236416.6/16

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: 826.780 $\pm$ 301.932 χ^2 /NDF: 21.6/16

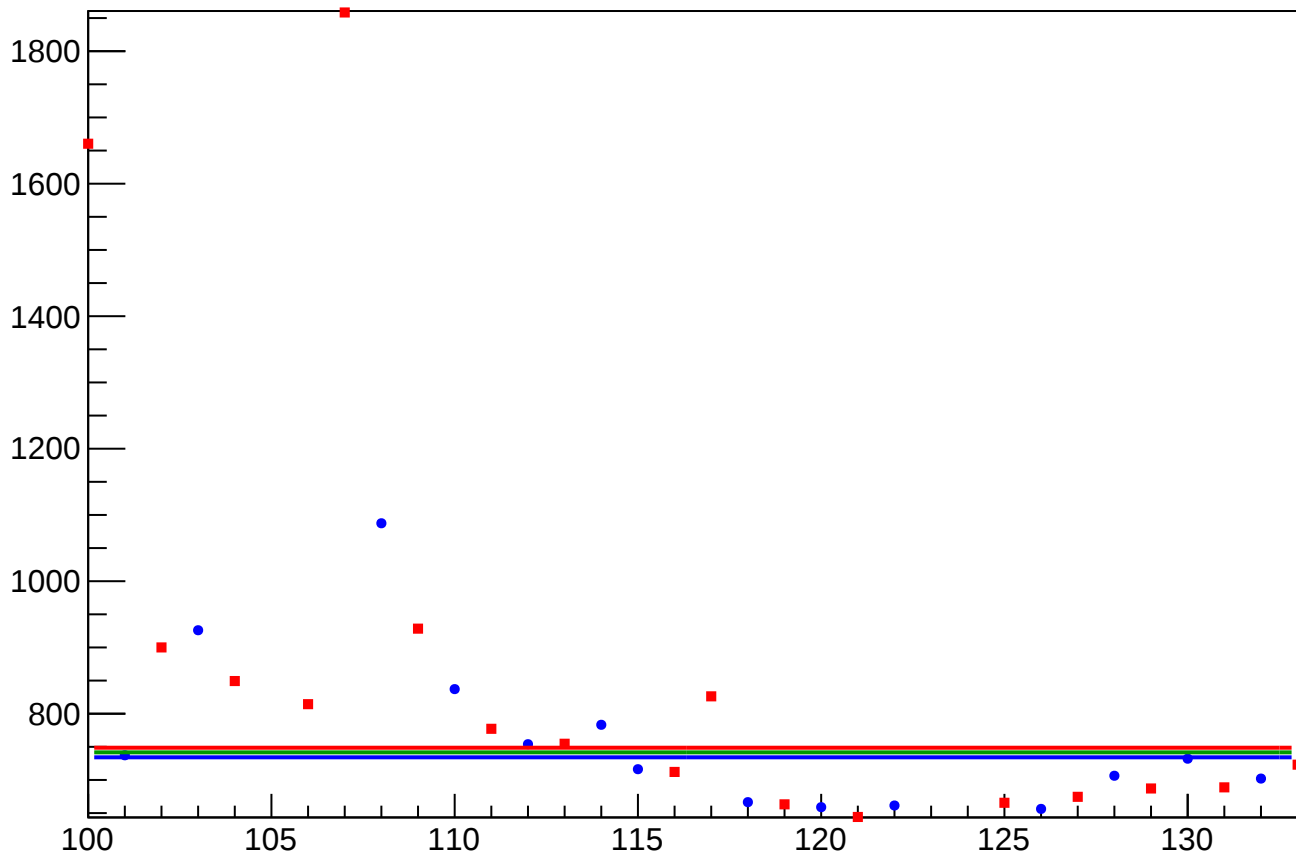
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

923.930 $\pm$ 217.307 χ^2 /NDF: 30.3/30

826.780 $\pm$ 301.932 χ^2 /NDF: 21.6/16

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: 748.661+/-0.213 χ^2/NDF : 458766.1/16

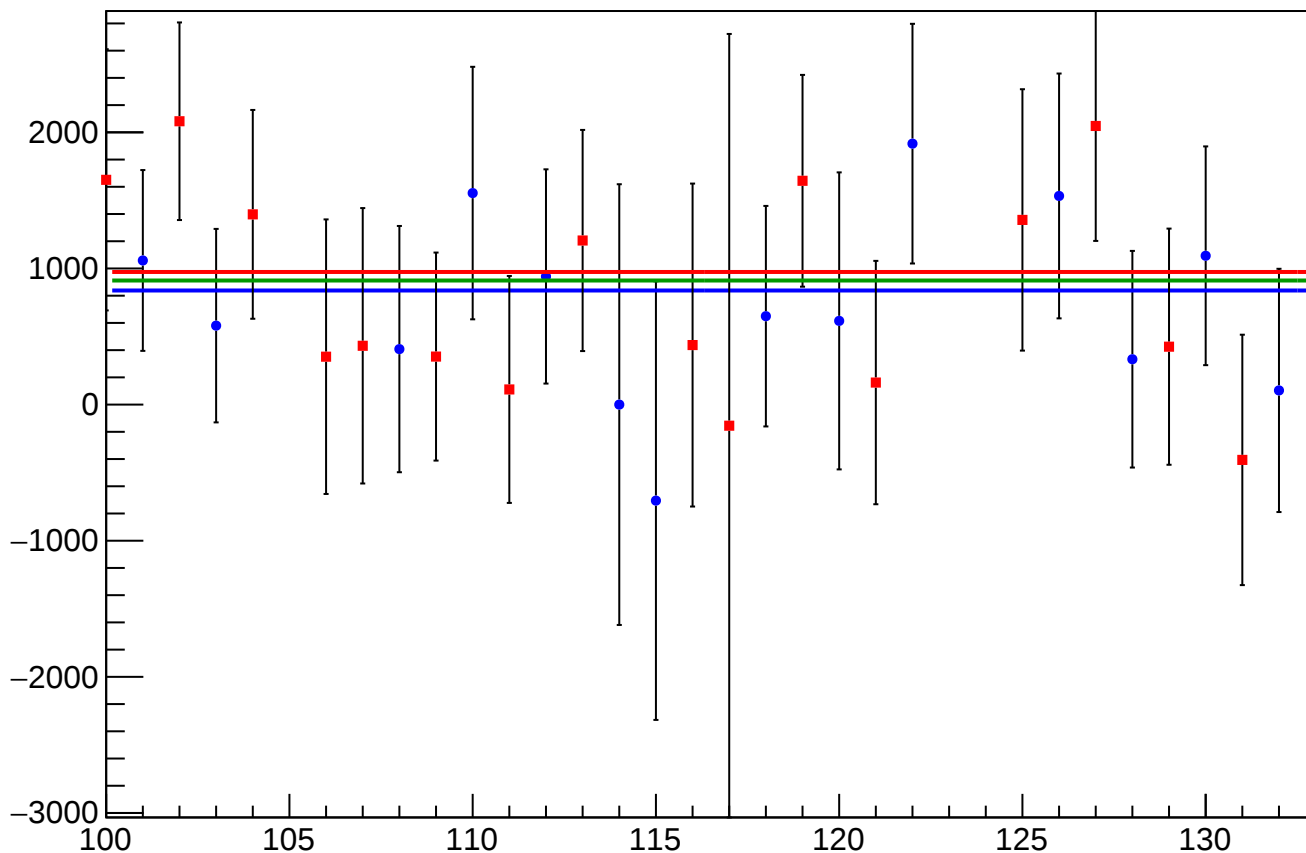
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

734.171+/-0.221 χ^2/NDF : 181505.6/13

741.677+/-0.154 χ^2/NDF : 642491.7/30

748.661+/-0.213 χ^2/NDF : 458766.1/16

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: 974.243+/-216.299 χ^2/NDF : 12.1/16

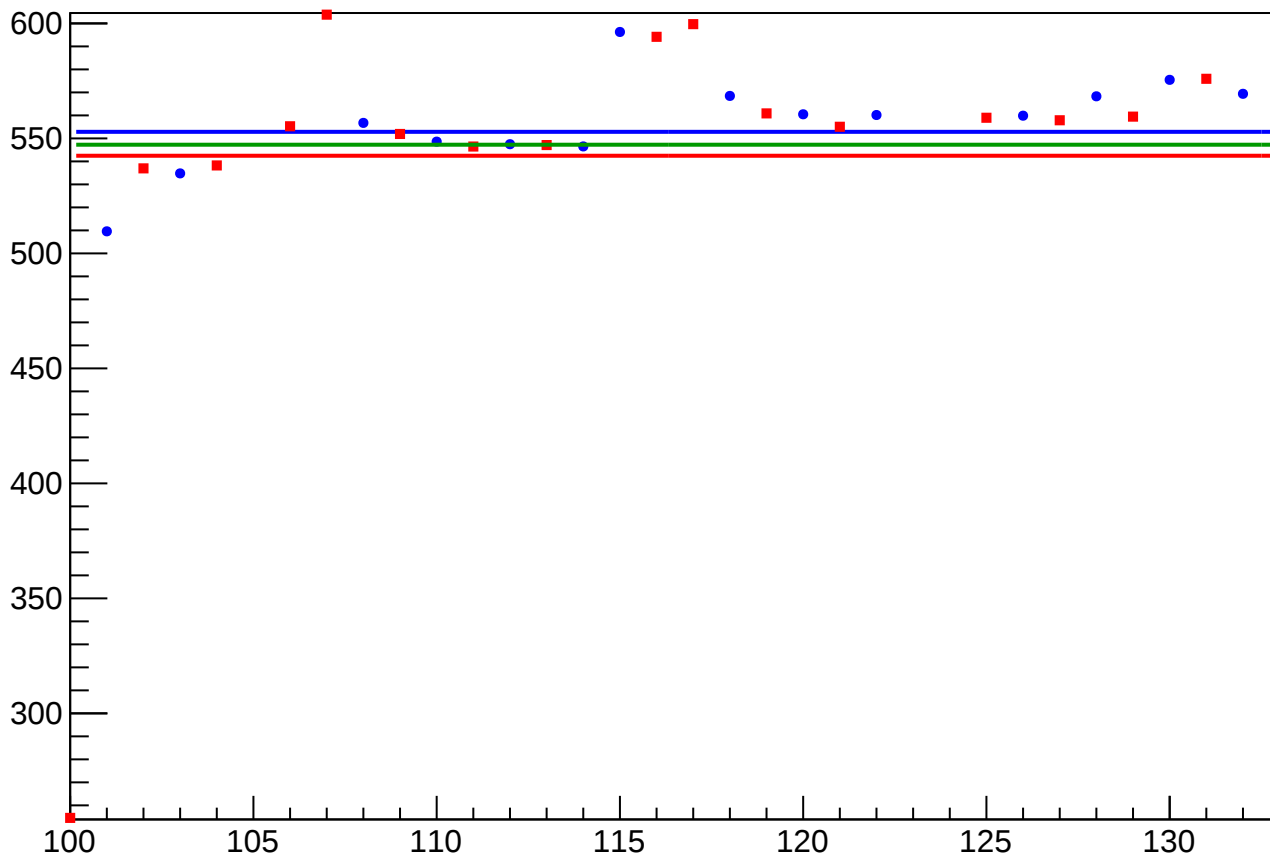
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

838.180+/-233.850 χ^2/NDF : 5.6/13

911.508+/-158.789 χ^2/NDF : 17.9/30

974.243+/-216.299 χ^2/NDF : 12.1/16

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: 542.460+/-0.153 χ^2/NDF : 201258.2/16

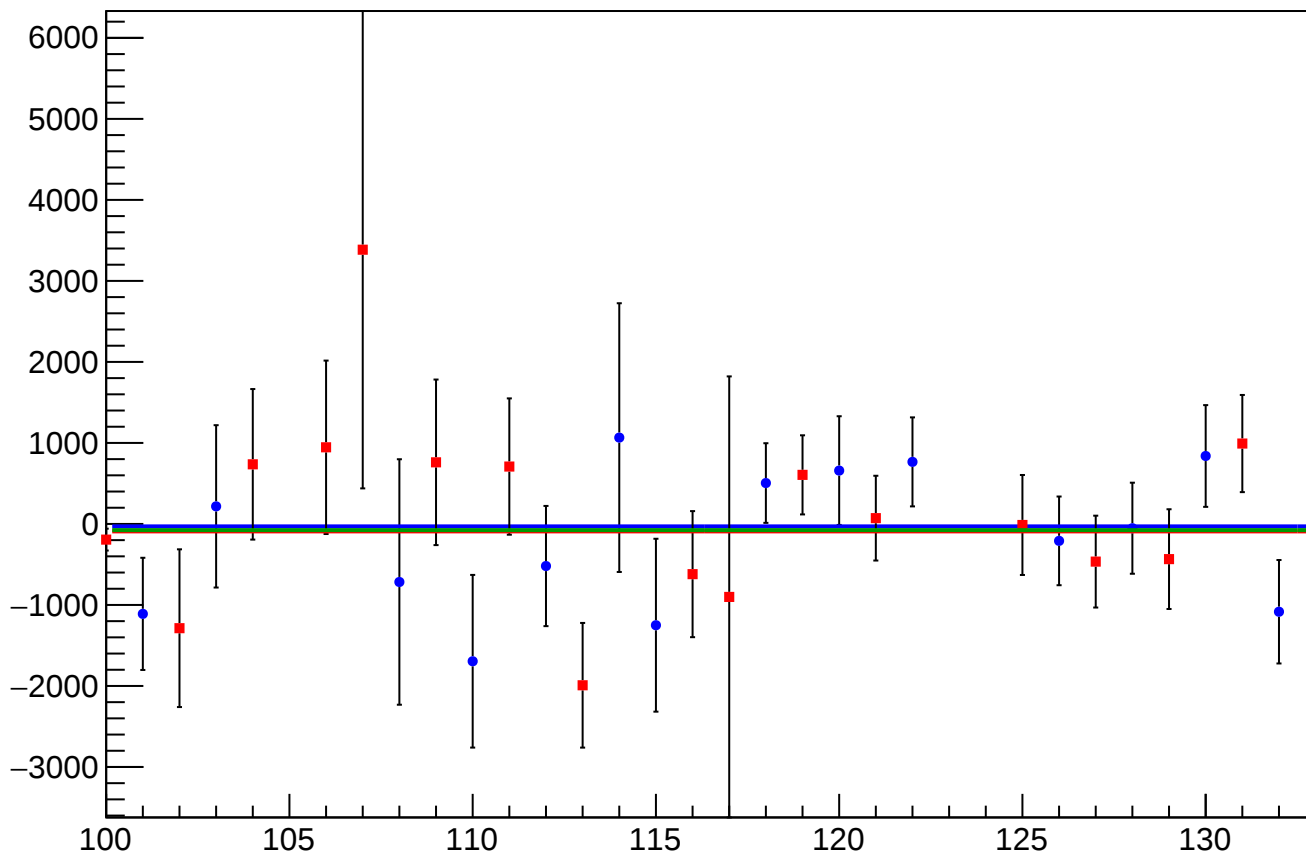
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

552.858+/-0.165 χ^2/NDF : 15560.6/13

547.254+/-0.112 χ^2/NDF : 218950.0/30

542.460+/-0.153 χ^2/NDF : 201258.2/16

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: -92.014+/-108.352 χ^2/NDF : 21.6/16

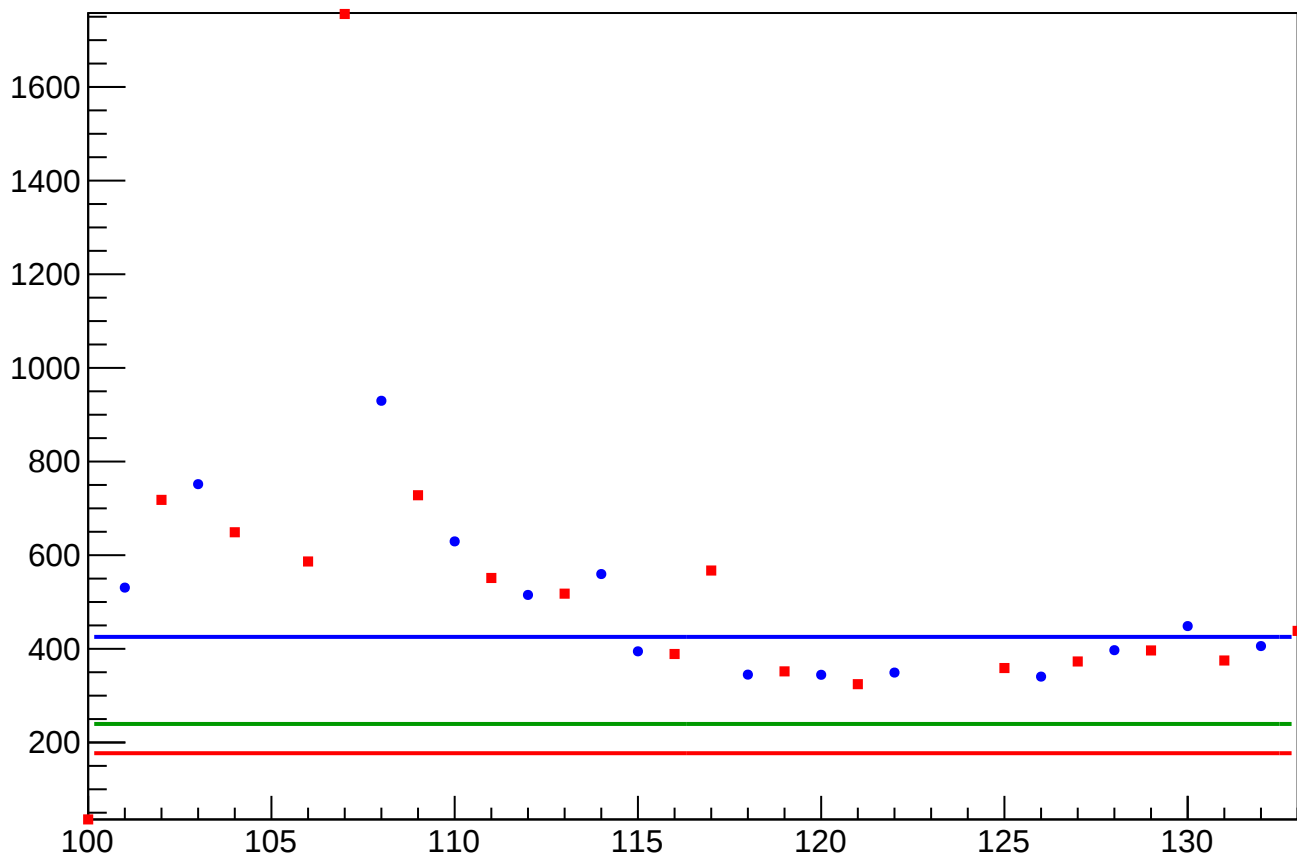
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.196+/-186.923 χ^2/NDF : 16.4/13

-76.467+/-93.741 χ^2/NDF : 38.1/30

-92.014+/-108.352 χ^2/NDF : 21.6/16

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: 177.076+/-0.077 χ^2/NDF : 7358582.5/16

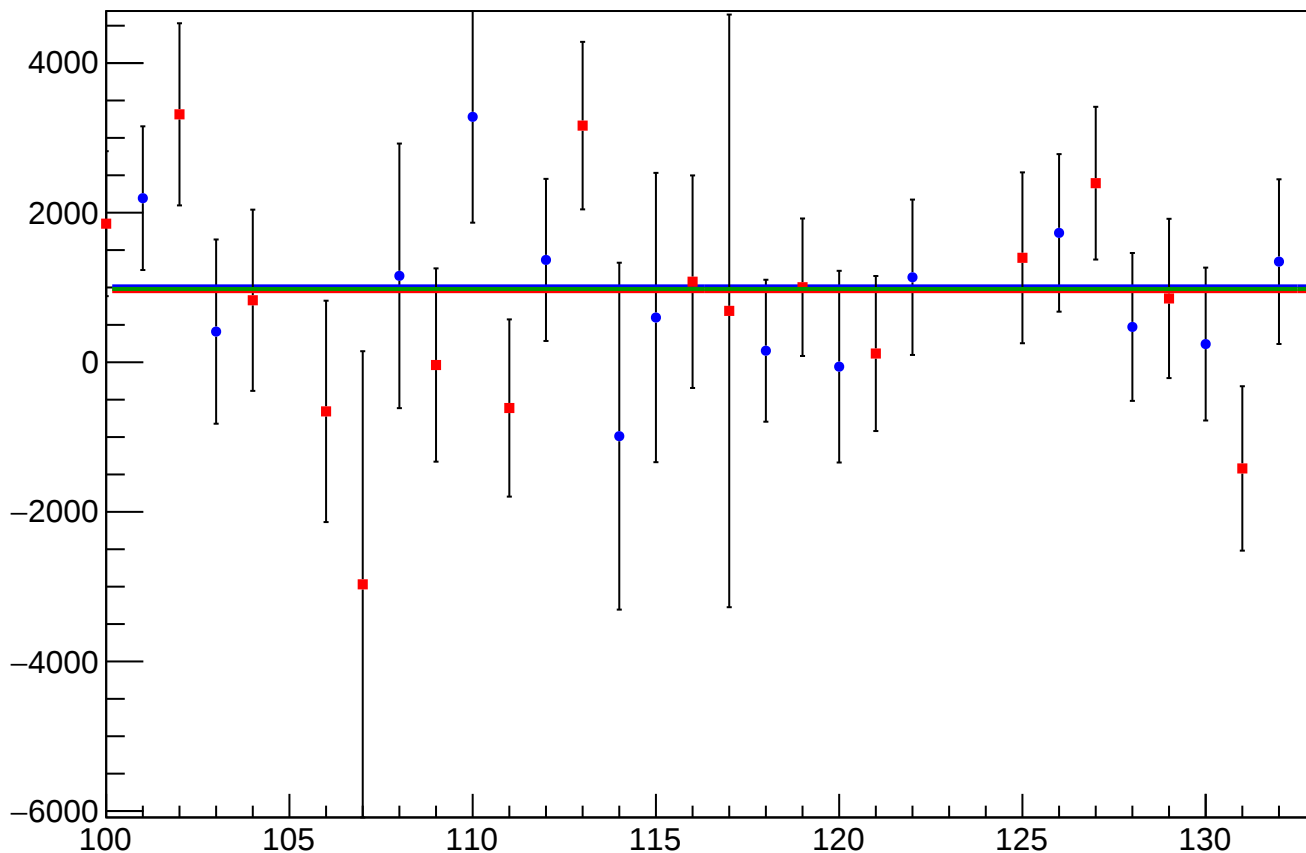
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

425.504+/-0.132 χ^2/NDF : 775974.5/13

239.556+/-0.066 χ^2/NDF : 10778774.6/30

177.076+/-0.077 χ^2/NDF : 7358582.5/16

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1014.903+/-312.797 χ^2/NDF : 8.2/13

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

Right Out: 950.688+/-288.384 χ^2/NDF : 21.3/16

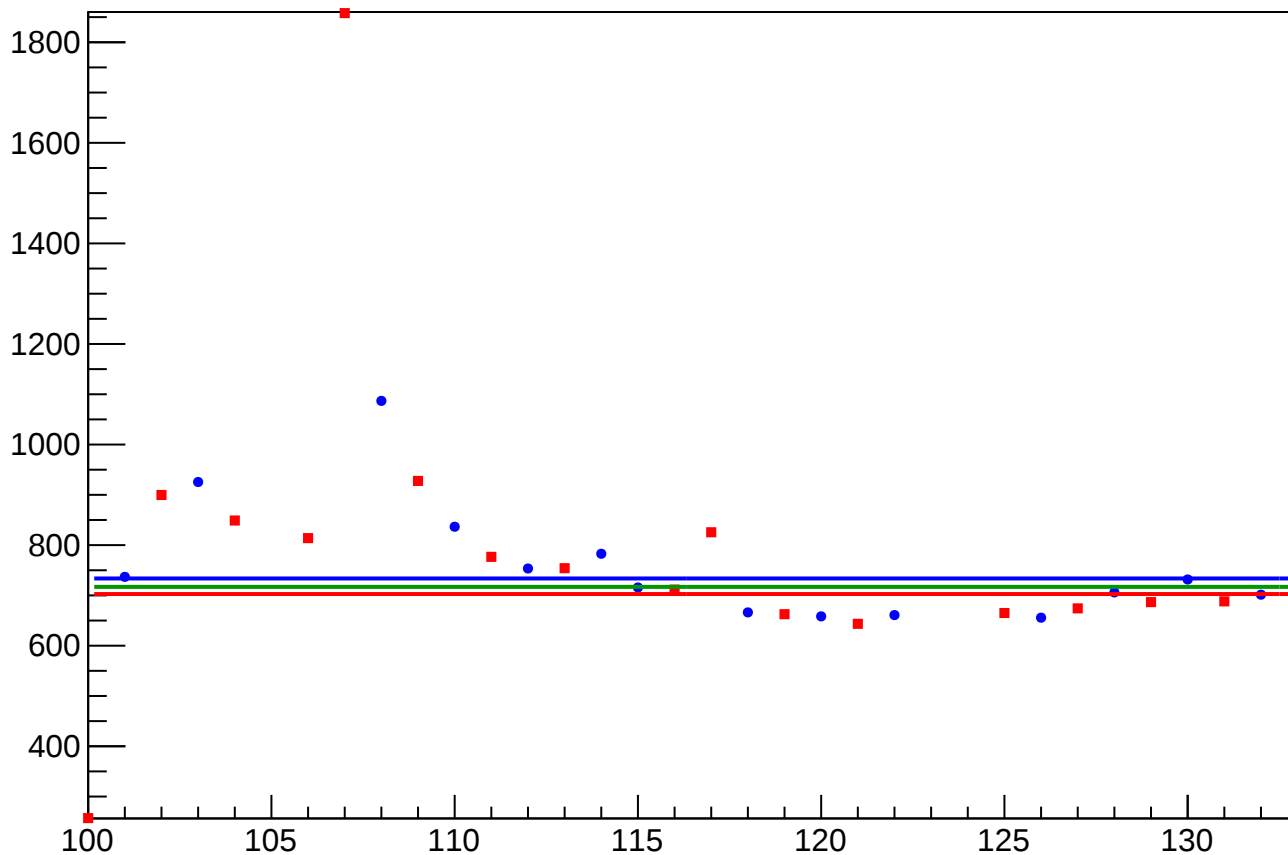
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1014.903+/-312.797 χ^2/NDF : 8.2/13

980.192+/-212.024 χ^2/NDF : 29.5/30

950.688+/-288.384 χ^2/NDF : 21.3/16

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: 702.698 $\pm$ 0.204 χ^2 /NDF: 880551.8/16

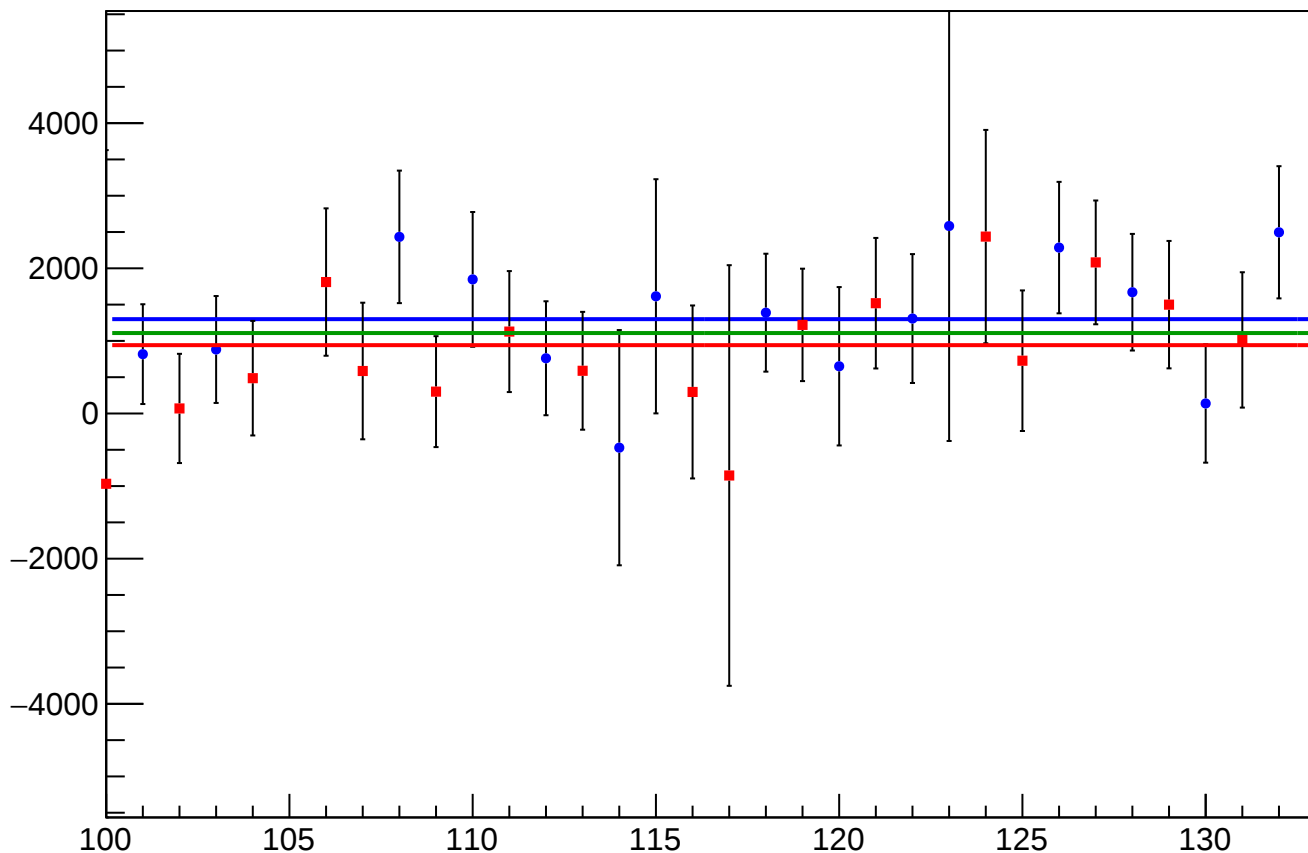
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

716.934 $\pm$ 0.150 χ^2 /NDF: 1072844.3/30

702.698 $\pm$ 0.204 χ^2 /NDF: 880551.8/16

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: 941.433 $\pm$ 220.580 χ^2 /NDF: 8.2/17

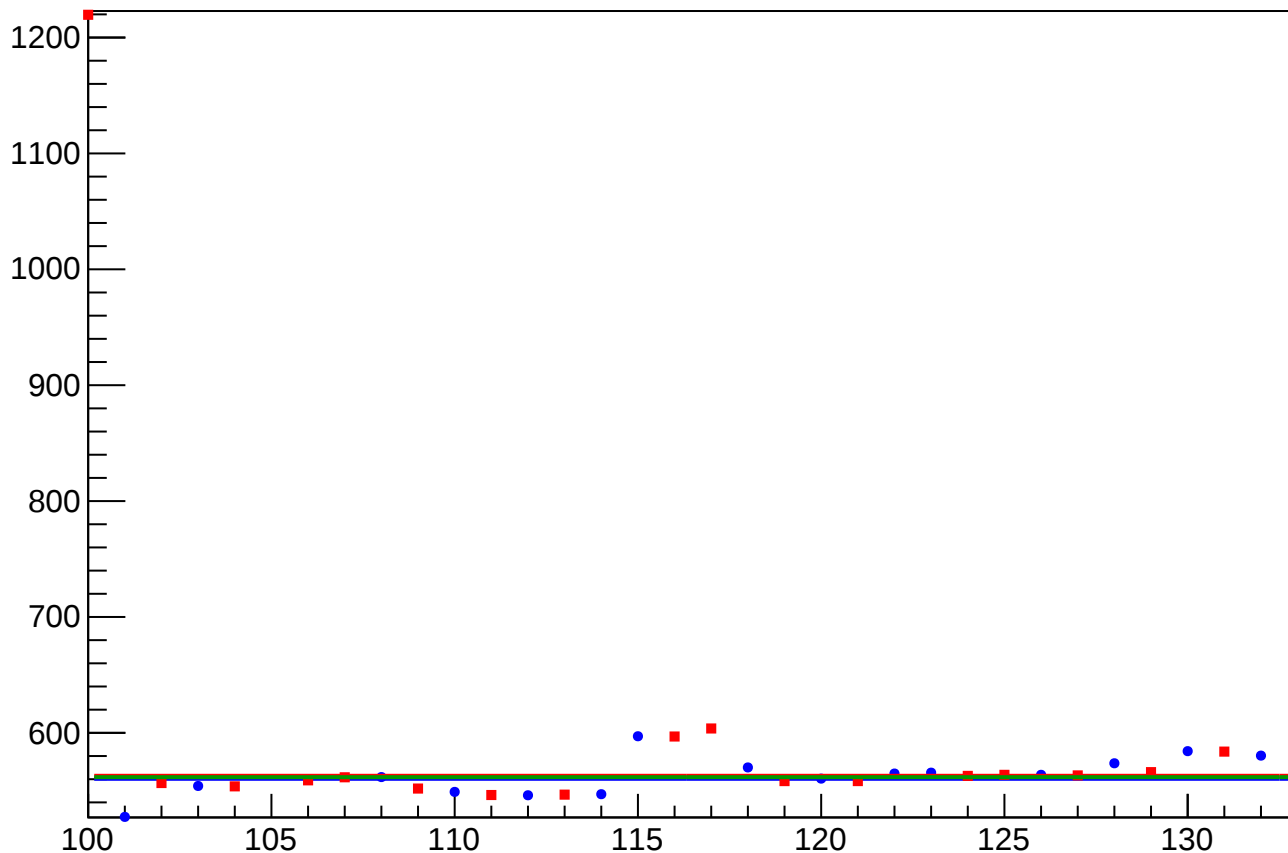
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1108.318 $\pm$ 161.211 χ^2 /NDF: 19.5/32

941.433 $\pm$ 220.580 χ^2 /NDF: 8.2/17

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: 562.951+/-0.156 χ^2/NDF : 47222.9/17

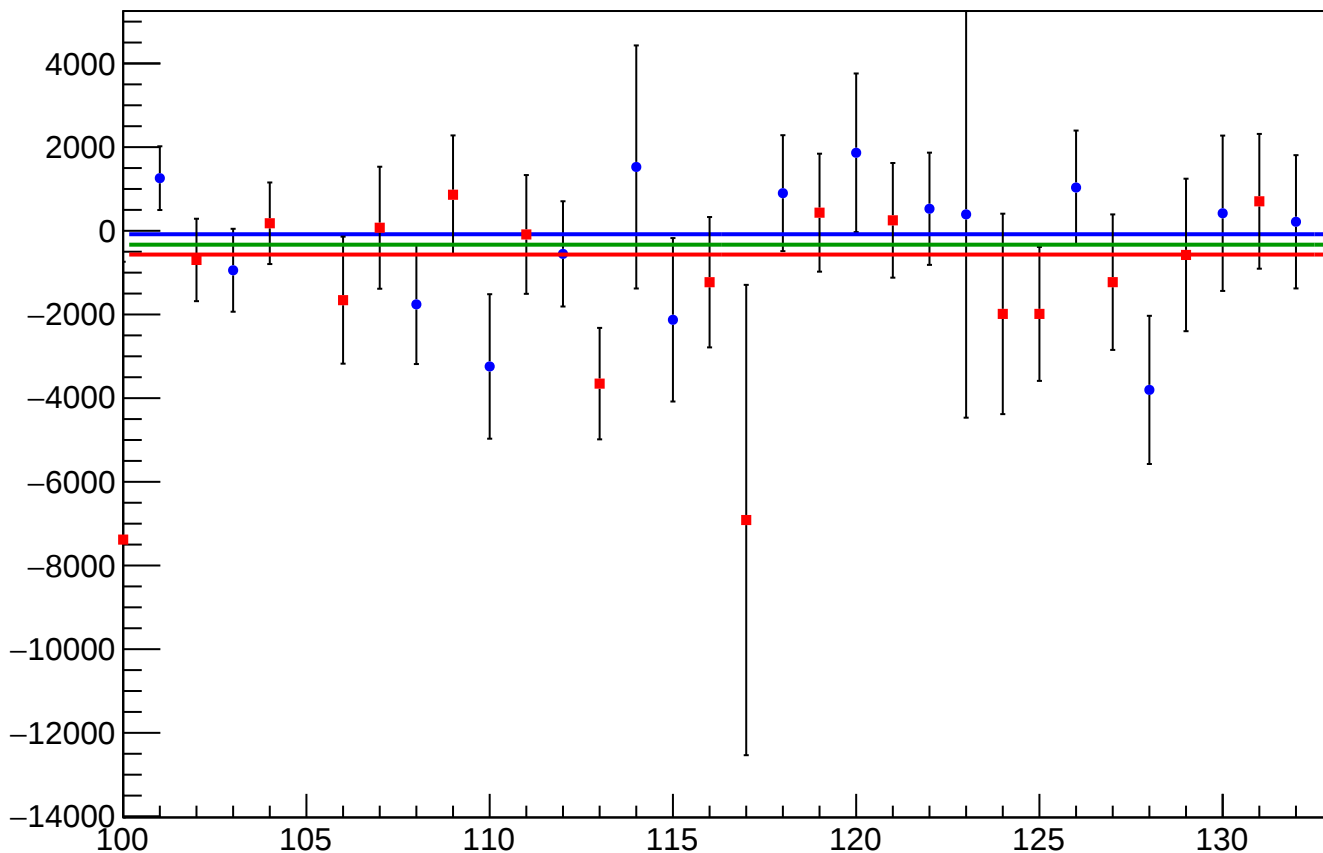
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

560.352+/-0.167 χ^2/NDF : 10451.3/14

561.740+/-0.114 χ^2/NDF : 57803.5/32

562.951+/-0.156 χ^2/NDF : 47222.9/17

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -82.098 ± 364.647 $\chi^2/\text{NDF}: 17.1/14$

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

Right Out: -567.692 ± 354.605 $\chi^2/\text{NDF}: 14.2/17$

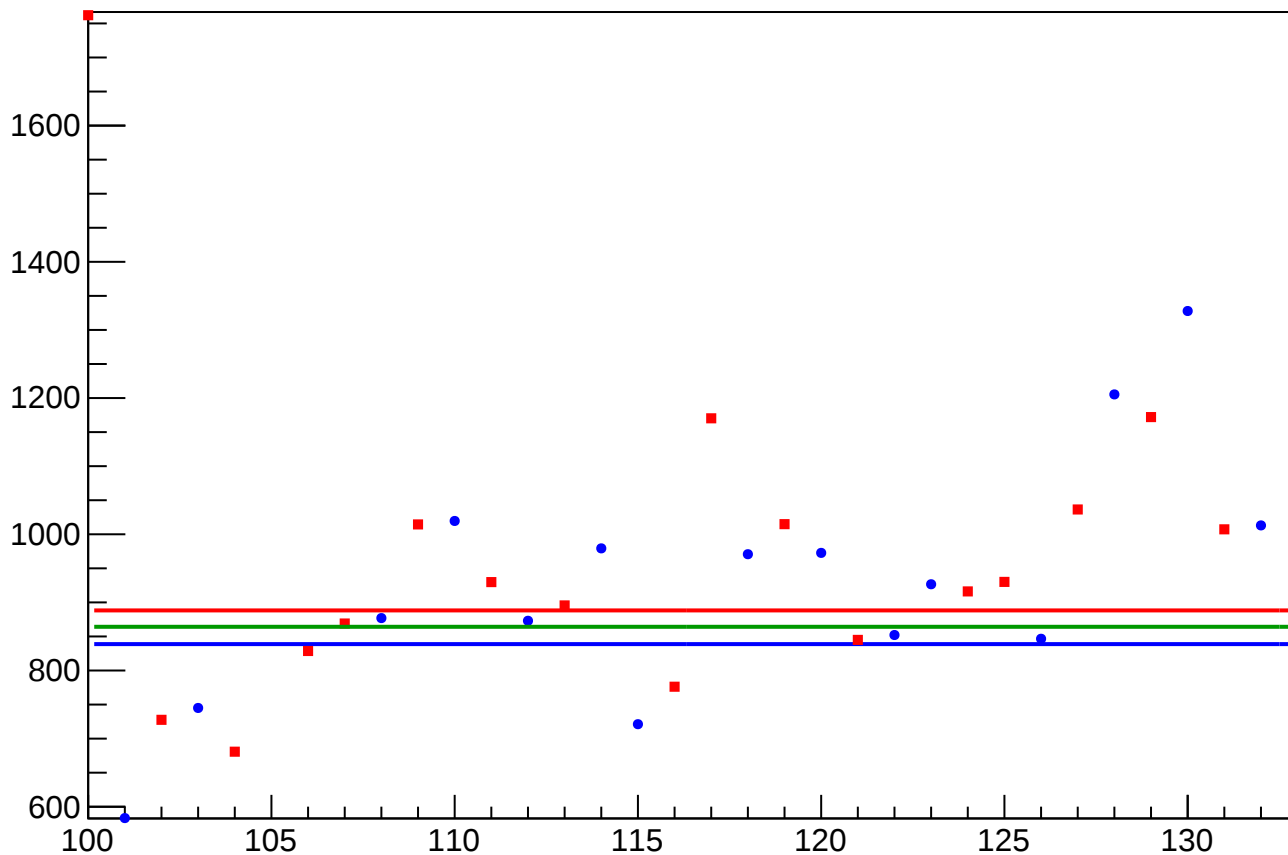
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-82.098 ± 364.647 $\chi^2/\text{NDF}: 17.1/14$

-331.673 ± 254.220 $\chi^2/\text{NDF}: 32.2/32$

-567.692 ± 354.605 $\chi^2/\text{NDF}: 14.2/17$

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 838.765 ± 0.258 $\chi^2/\text{NDF}: 557056.1/14$

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

Right Out: 888.227 ± 0.251 $\chi^2/\text{NDF}: 381702.8/17$

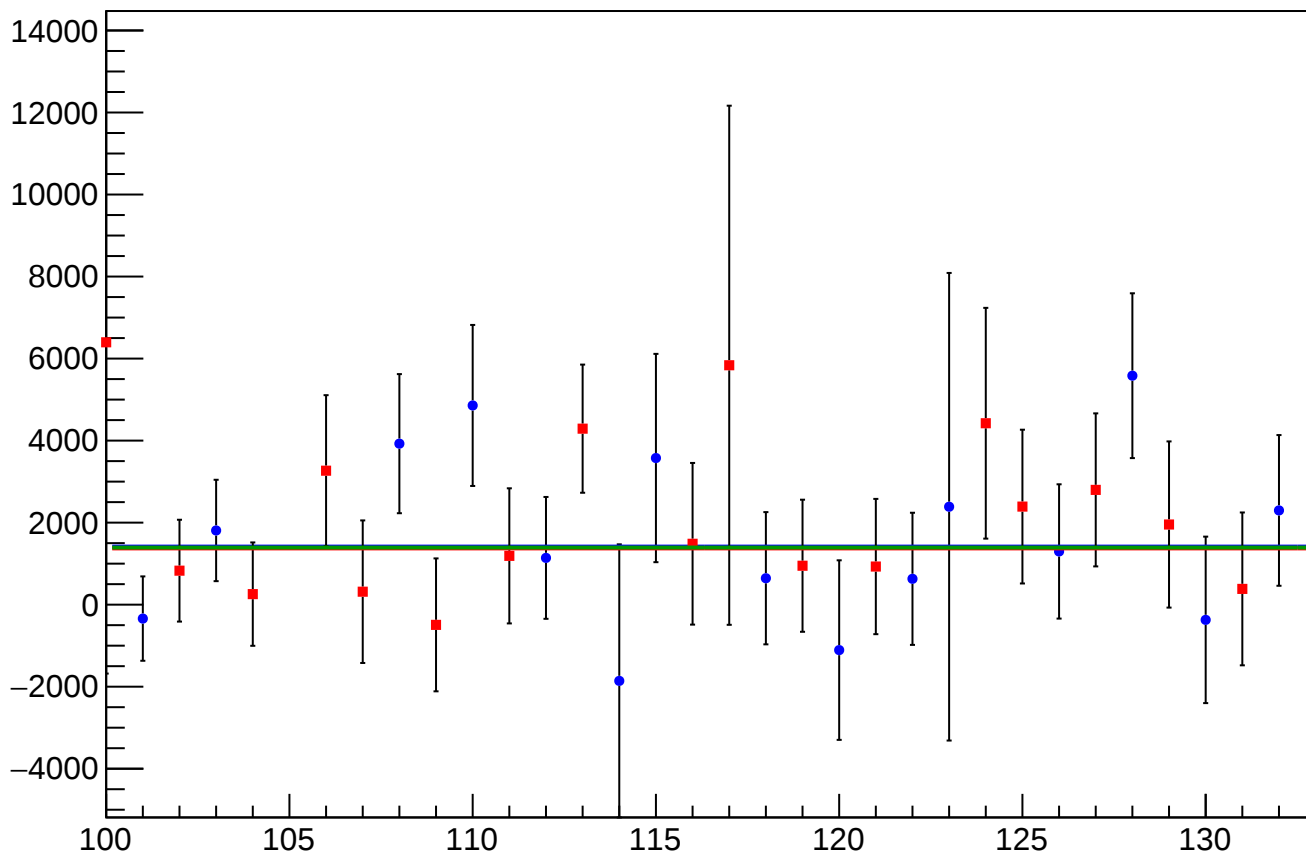
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

838.765 ± 0.258 $\chi^2/\text{NDF}: 557056.1/14$

864.186 ± 0.180 $\chi^2/\text{NDF}: 957672.1/32$

888.227 ± 0.251 $\chi^2/\text{NDF}: 381702.8/17$

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: 1372.000+/-423.742 χ^2/NDF : 11.4/17

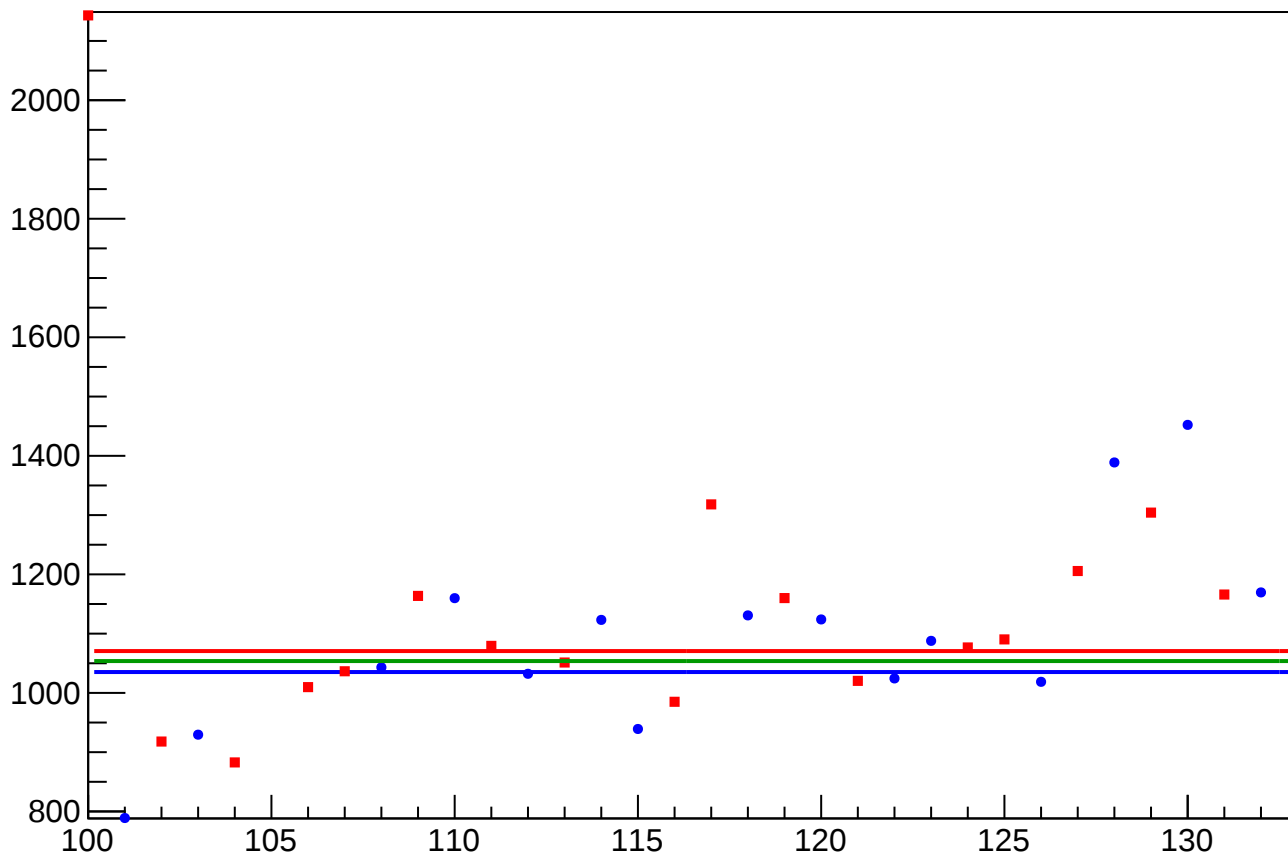
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1415.365+/-443.908 χ^2/NDF : 17.1/14

1392.675+/-306.512 χ^2/NDF : 28.6/32

1372.000+/-423.742 χ^2/NDF : 11.4/17

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: 1070.599+/-0.300 χ^2/NDF : 220478.7/17

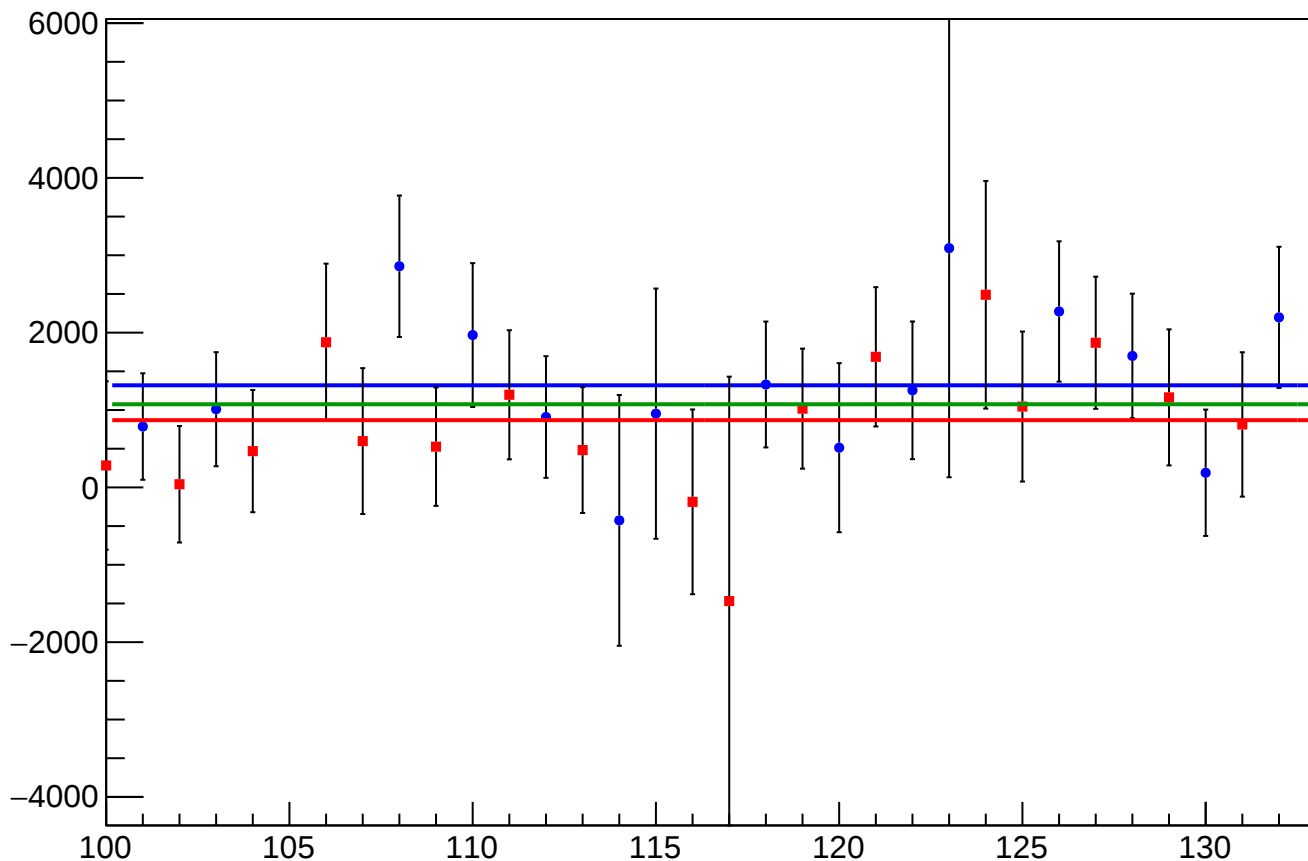
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1053.726+/-0.217 χ^2/NDF : 536685.8/32

1070.599+/-0.300 χ^2/NDF : 220478.7/17

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1319.373 ± 236.479 χ^2/NDF : 10.7/14

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

Right Out: 868.722 ± 216.676 χ^2/NDF : 8.5/17

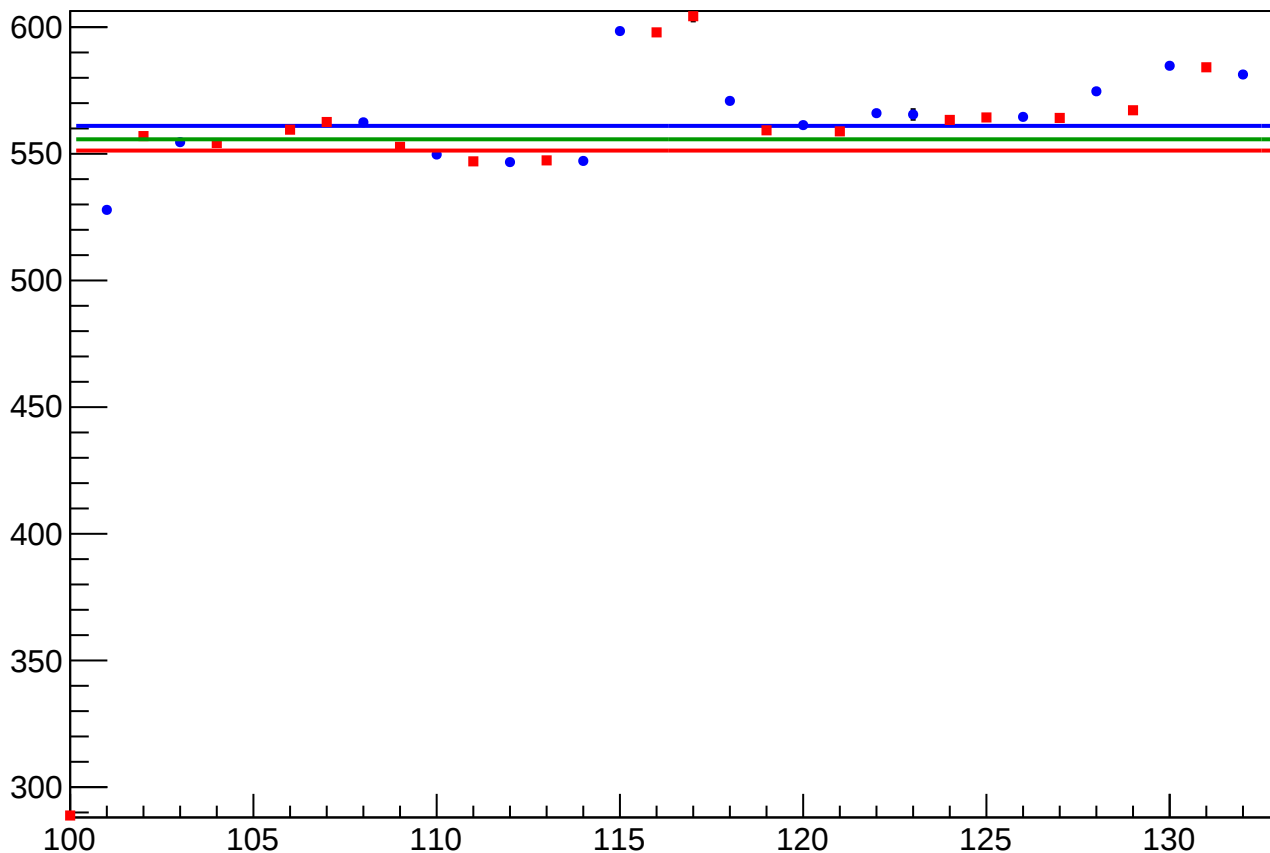
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1319.373 ± 236.479 χ^2/NDF : 10.7/14

1074.391 ± 159.756 χ^2/NDF : 21.1/32

868.722 ± 216.676 χ^2/NDF : 8.5/17

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 561.025+/-0.167 χ^2/NDF : 10623.3/14

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

Right Out: 551.282+/-0.153 χ^2/NDF : 127419.2/17

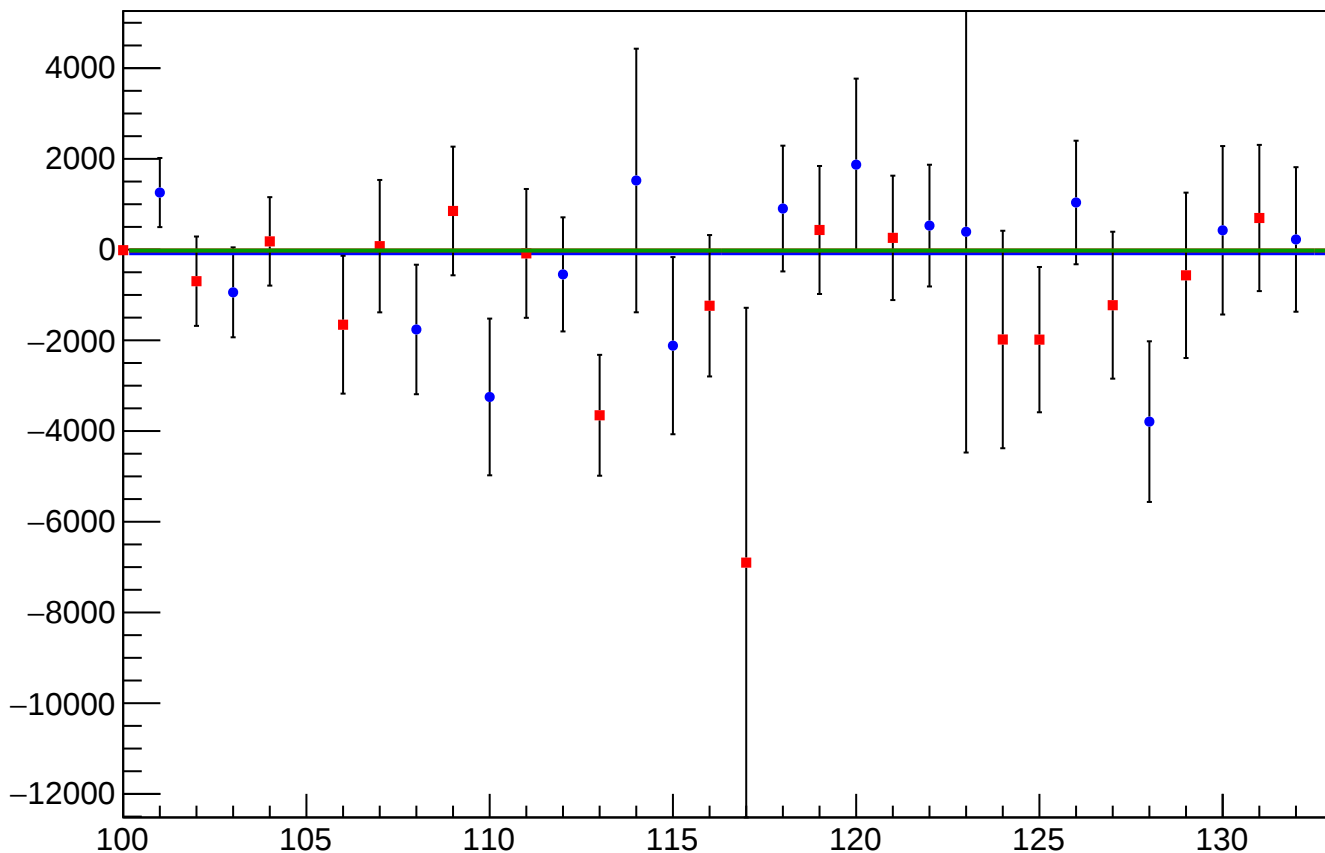
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

561.025+/-0.167 χ^2/NDF : 10623.3/14

555.729+/-0.113 χ^2/NDF : 139888.0/32

551.282+/-0.153 χ^2/NDF : 127419.2/17

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -80.038+/-364.748 χ^2/NDF : 17.1/14

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

Right Out: -19.448+/-38.987 χ^2/NDF : 15.4/17

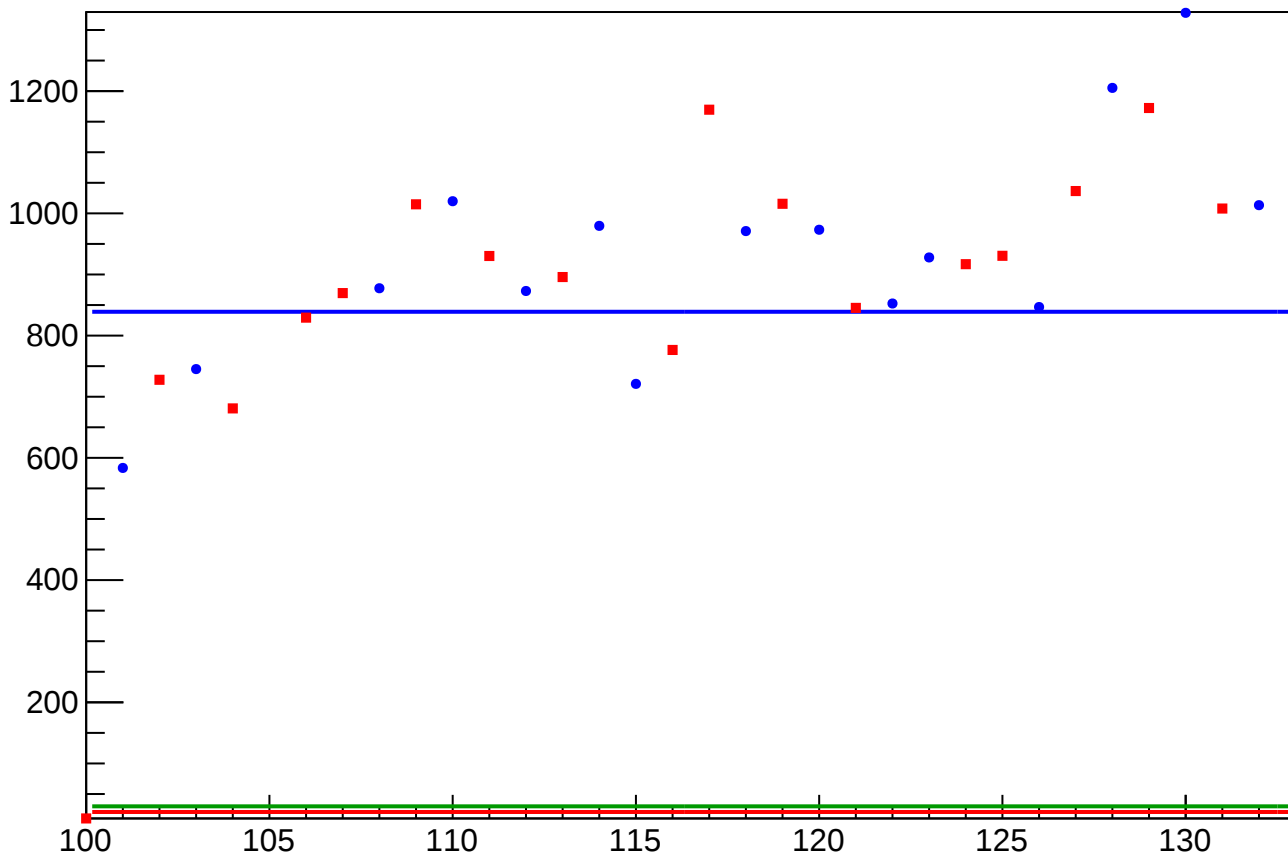
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-80.038+/-364.748 χ^2/NDF : 17.1/14

-20.132+/-38.766 χ^2/NDF : 32.5/32

-19.448+/-38.987 χ^2/NDF : 15.4/17

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 838.996 $\pm$ 0.258 χ^2 /NDF: 556992.9/14

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

Right Out: 20.594 $\pm$ 0.028 χ^2 /NDF: 12362440.8/17

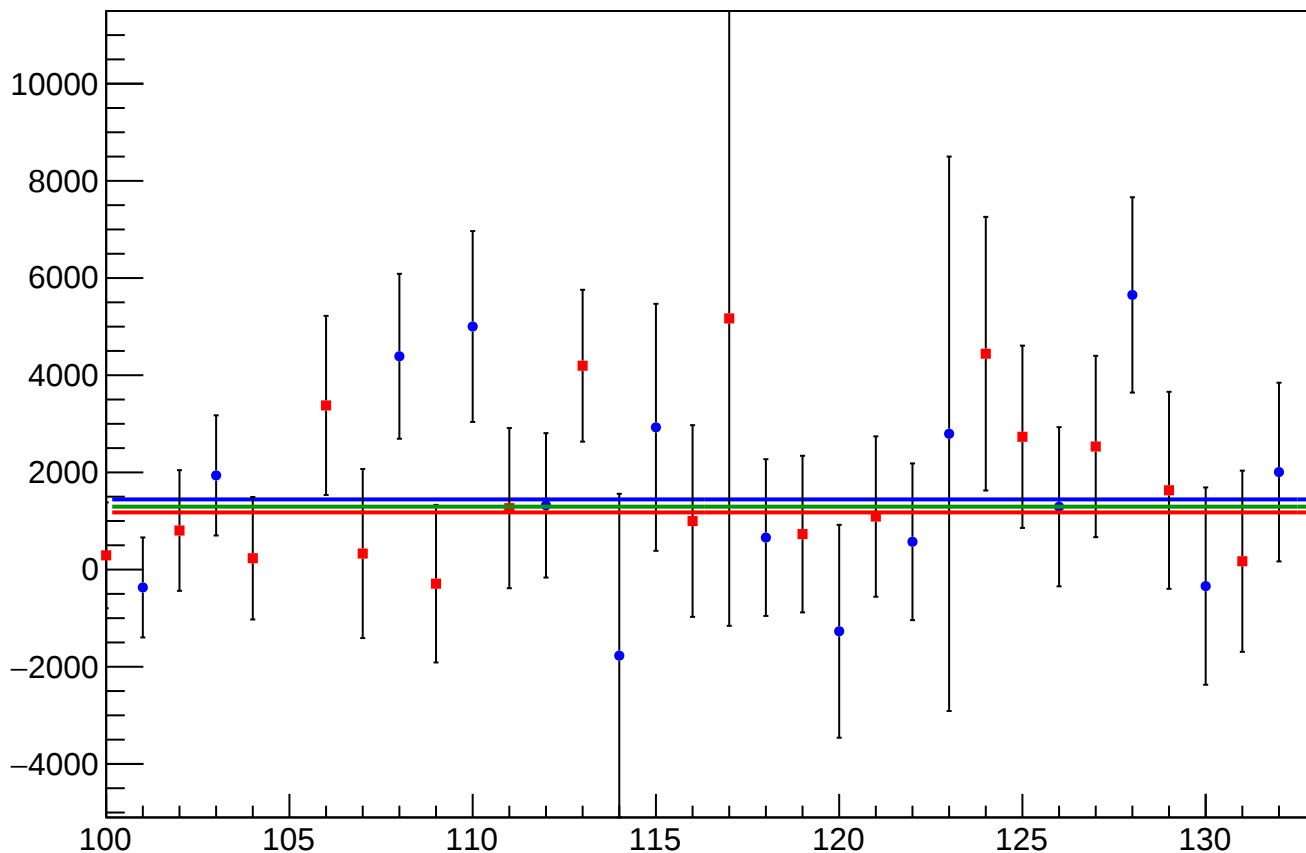
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

838.996 $\pm$ 0.258 χ^2 /NDF: 556992.9/14

29.839 $\pm$ 0.027 χ^2 /NDF: 22874490.4/32

20.594 $\pm$ 0.028 χ^2 /NDF: 12362440.8/17

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1444.171 $\pm$ 444.153 χ^2/NDF : 18.2/14

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

Right Out: 1176.554 $\pm$ 395.596 χ^2/NDF : 11.7/17

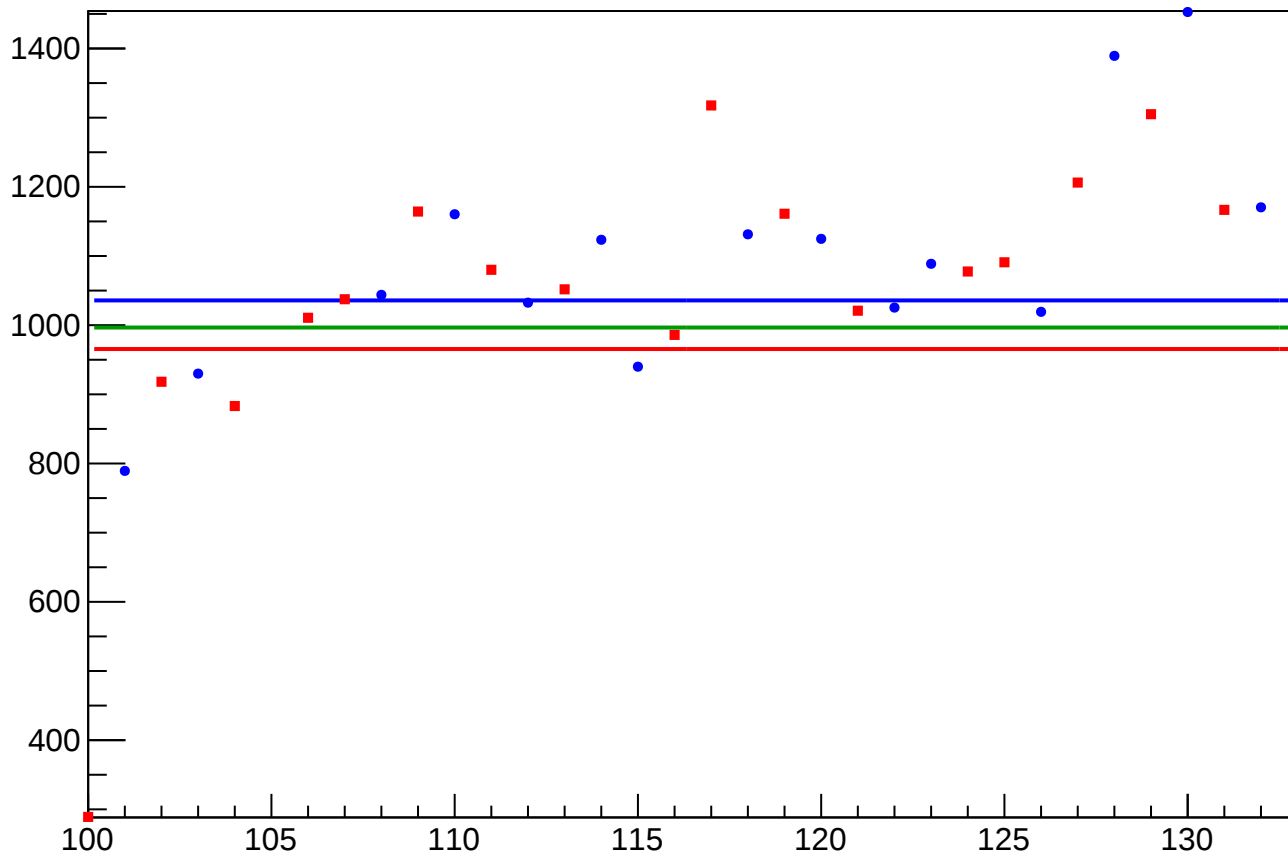
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1444.171 $\pm$ 444.153 χ^2/NDF : 18.2/14

1294.939 $\pm$ 295.410 χ^2/NDF : 30.1/32

1176.554 $\pm$ 395.596 χ^2/NDF : 11.7/17

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: 965.522 $\pm$ 0.280 χ^2 /NDF: 1073462.1/17

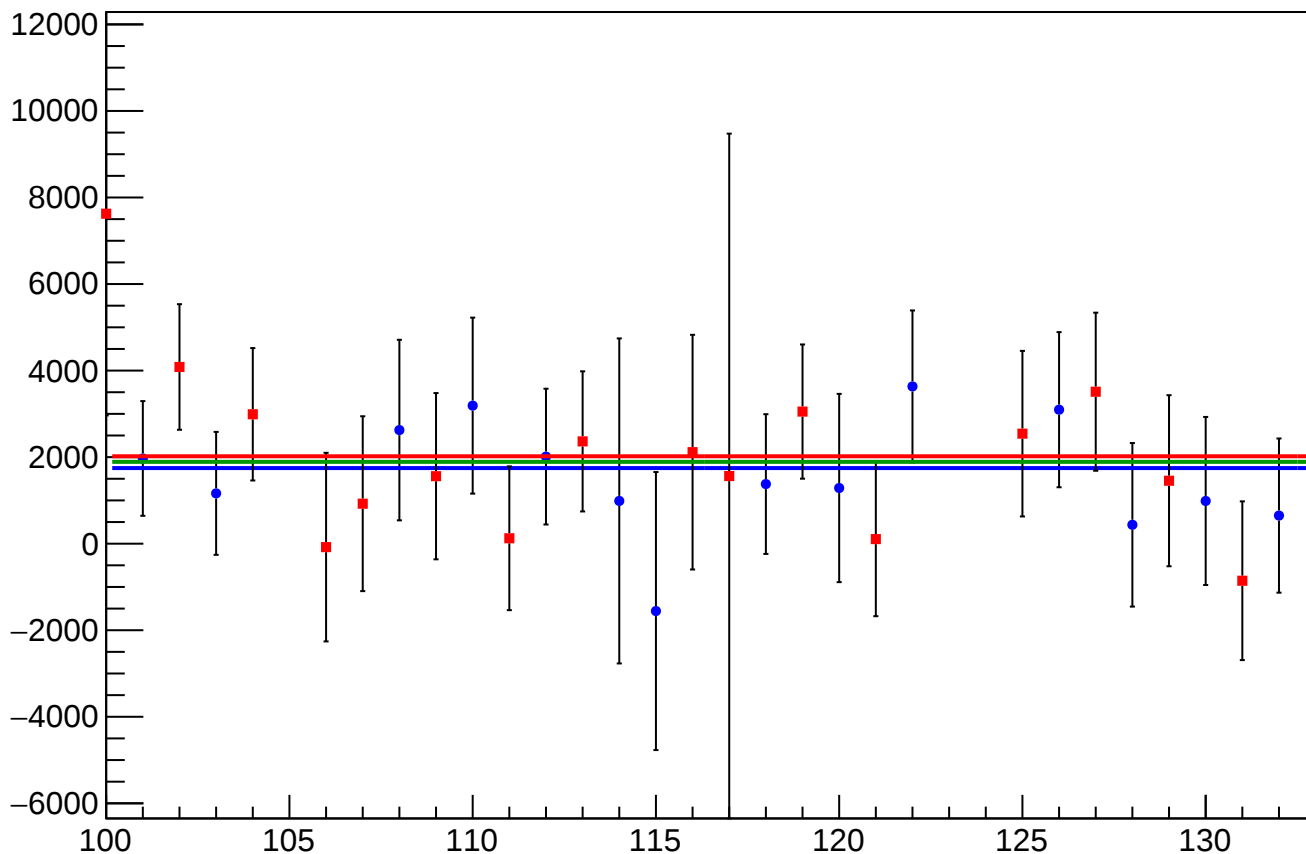
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

996.605 $\pm$ 0.209 χ^2 /NDF: 1410827.8/32

965.522 $\pm$ 0.280 χ^2 /NDF: 1073462.1/17

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: 2019.583+/-460.794 χ^2/NDF : 11.7/16

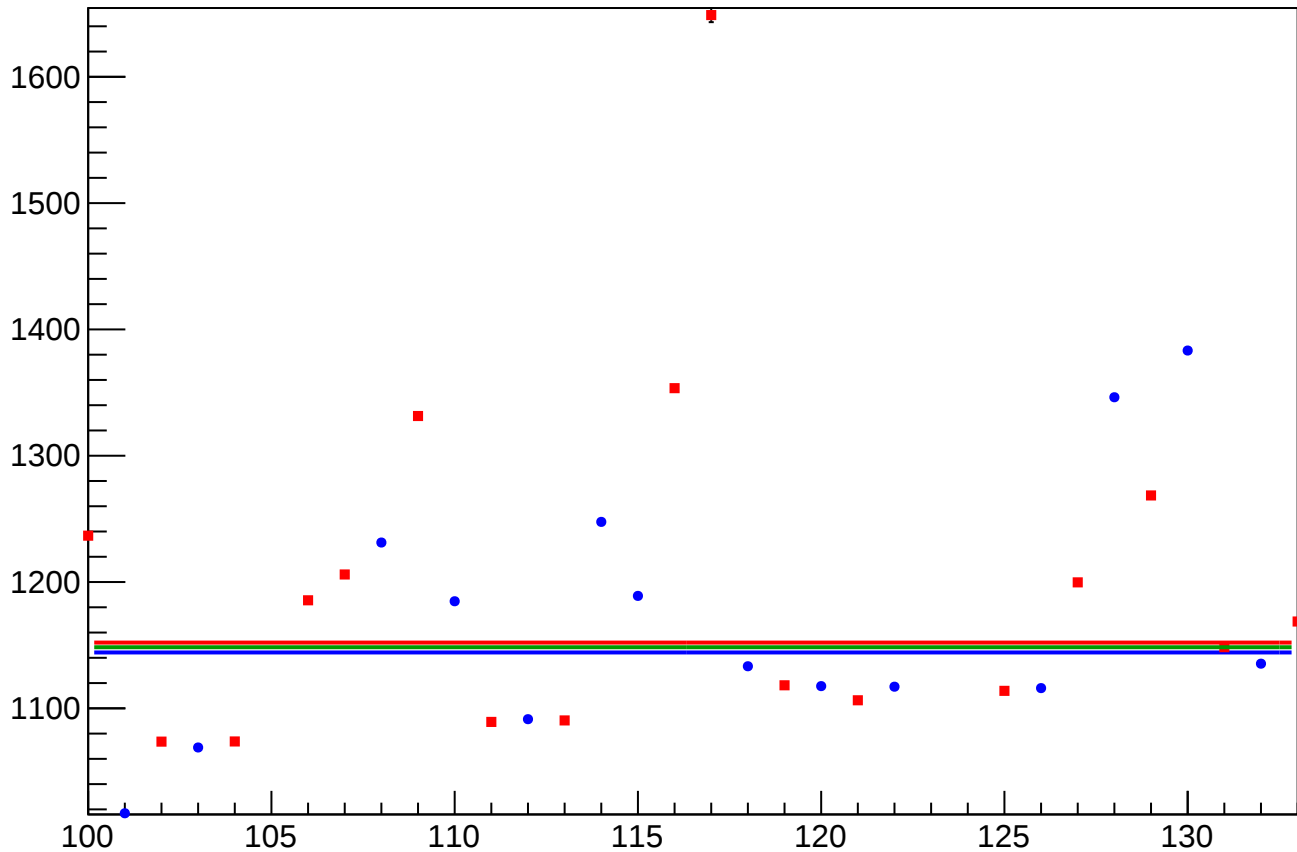
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1747.160+/-487.868 χ^2/NDF : 4.8/13

1891.140+/-334.993 χ^2/NDF : 16.7/30

2019.583+/-460.794 χ^2/NDF : 11.7/16

cor_usl_rms vs Slug, Sign Corrected



Right In: 1144.243 $\pm$ 0.345 χ^2/NDF : 87107.5/13

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

Right Out: 1152.057 $\pm$ 0.326 χ^2/NDF : 67289.3/16

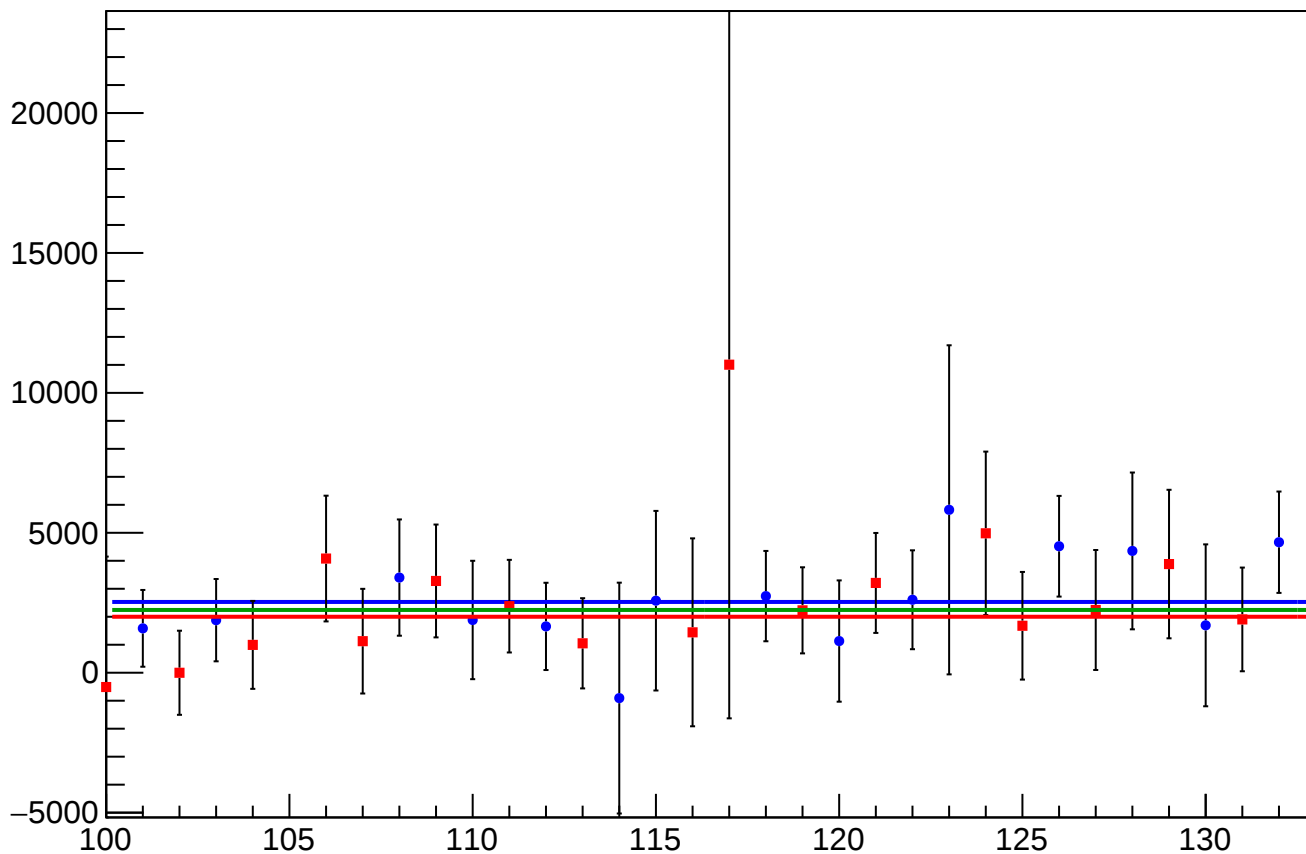
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1144.243 $\pm$ 0.345 χ^2/NDF : 87107.5/13

1148.373 $\pm$ 0.237 χ^2/NDF : 154668.0/30

1152.057 $\pm$ 0.326 χ^2/NDF : 67289.3/16

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: 2000.458 $\pm$ 471.200 χ^2 /NDF: 7.0/17

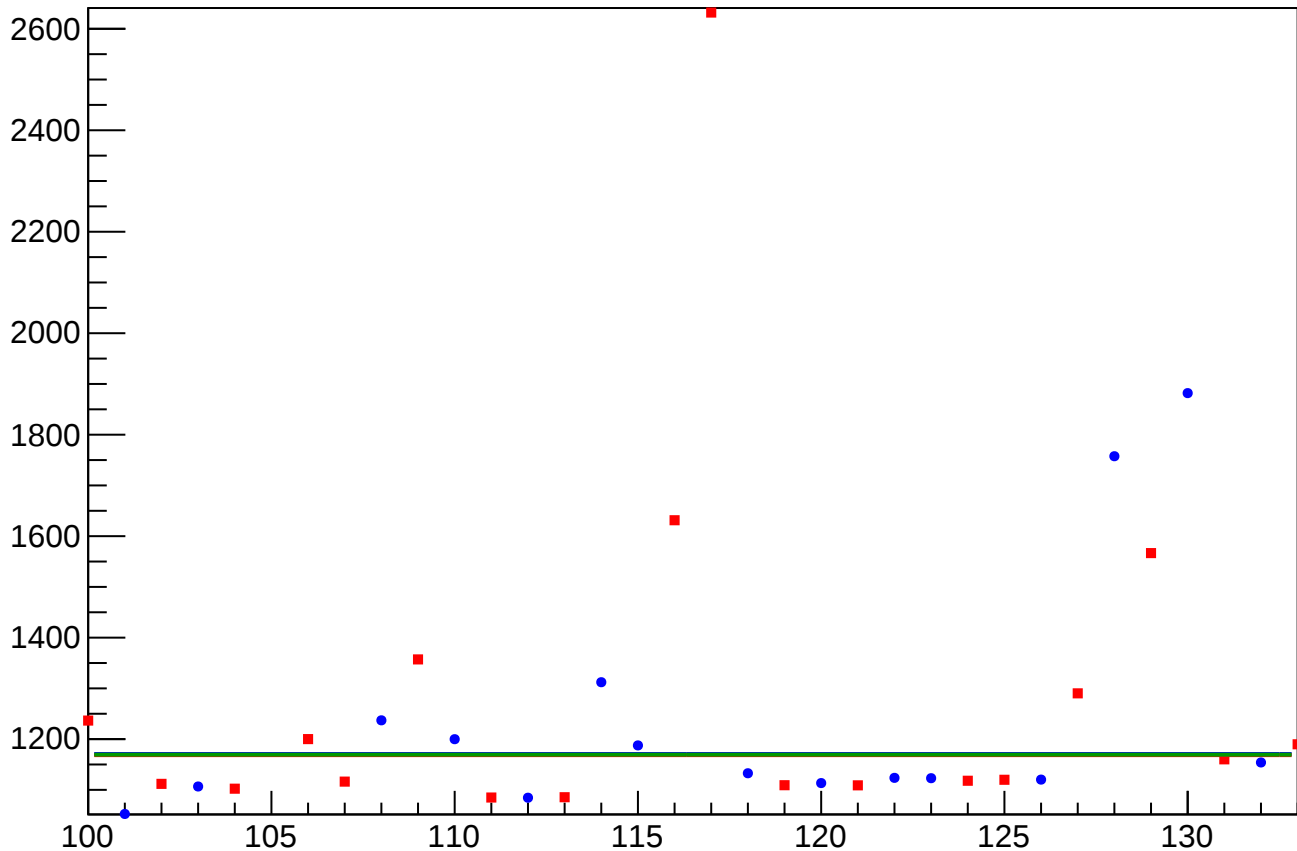
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2243.114 $\pm$ 346.533 χ^2 /NDF: 13.4/32

2000.458 $\pm$ 471.200 χ^2 /NDF: 7.0/17

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: 1168.486+/-0.333 χ^2/NDF : 160359.3/17

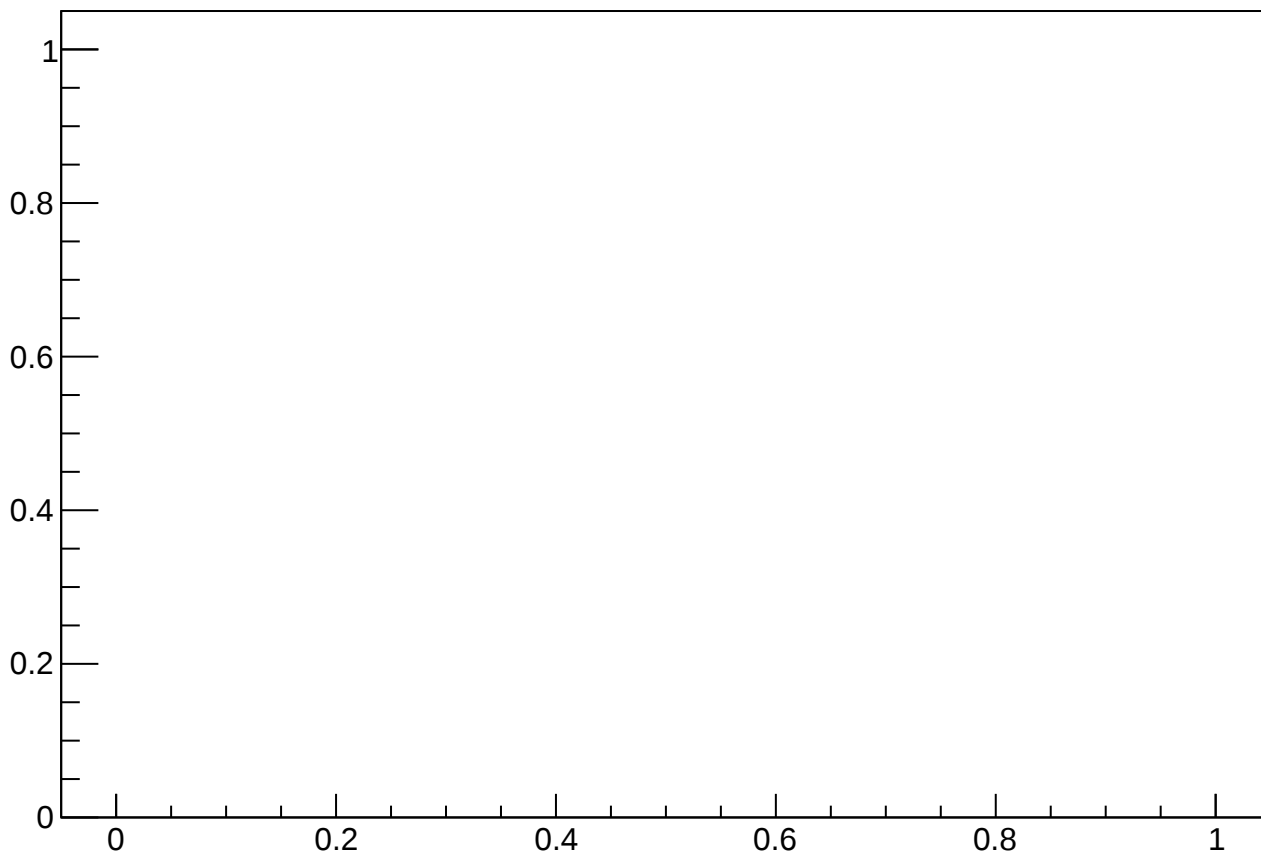
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1169.472+/-0.245 χ^2/NDF : 404429.3/32

1168.486+/-0.333 χ^2/NDF : 160359.3/17

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

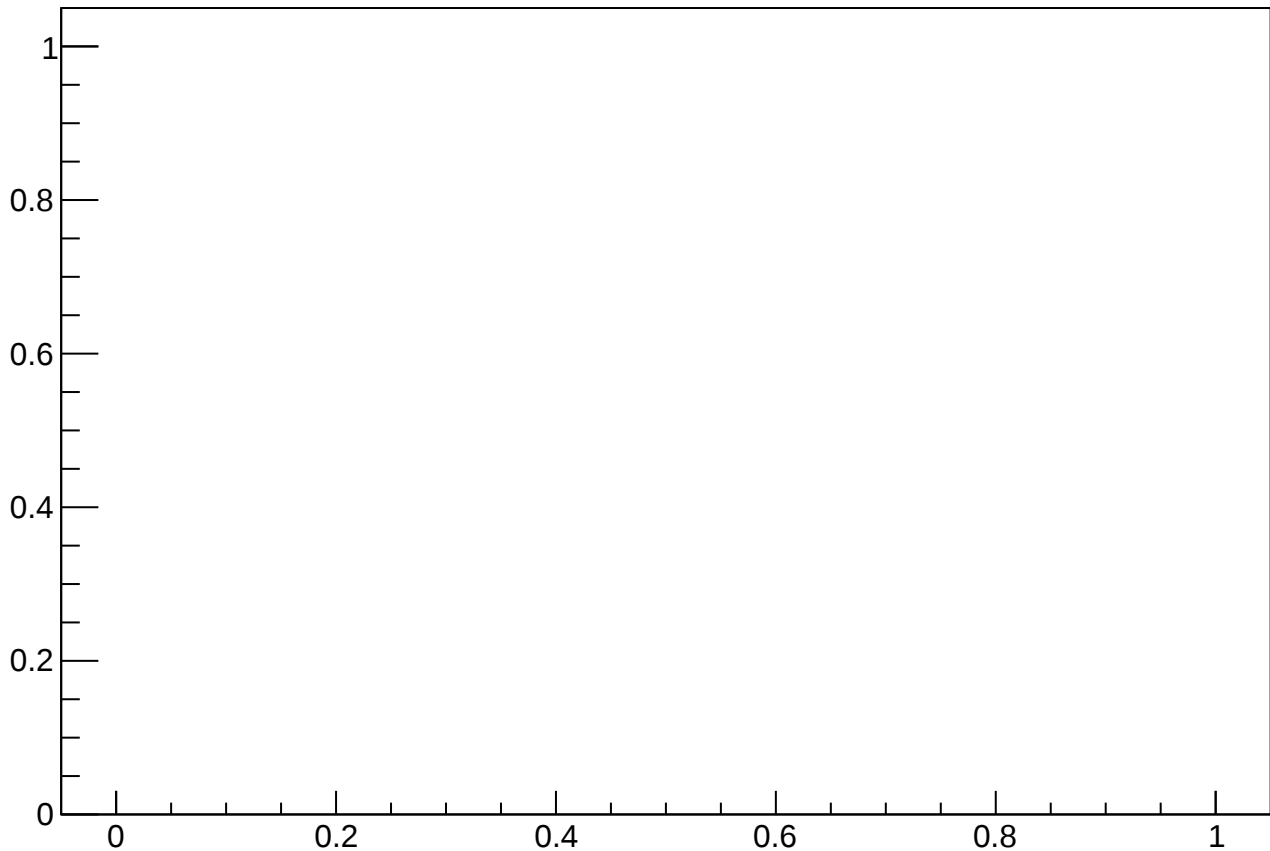
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

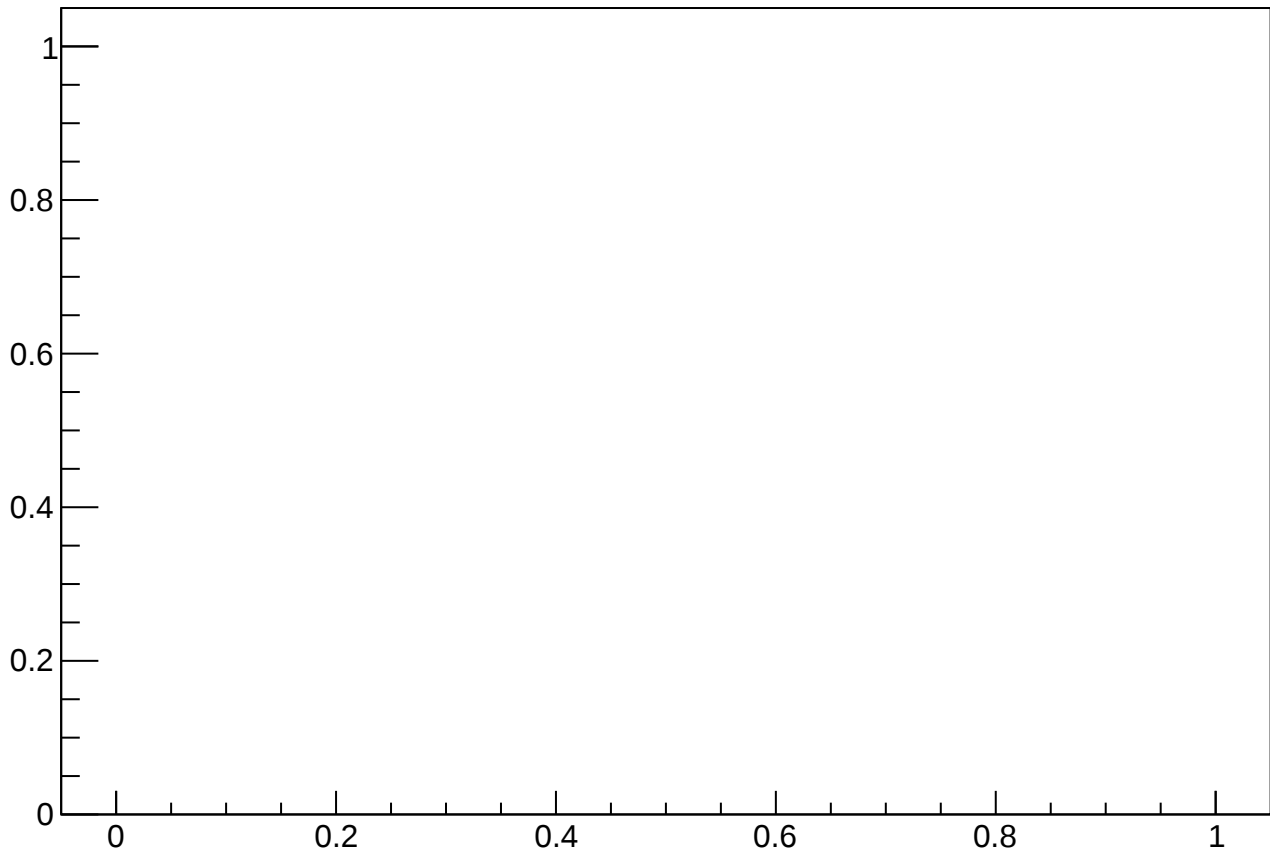
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

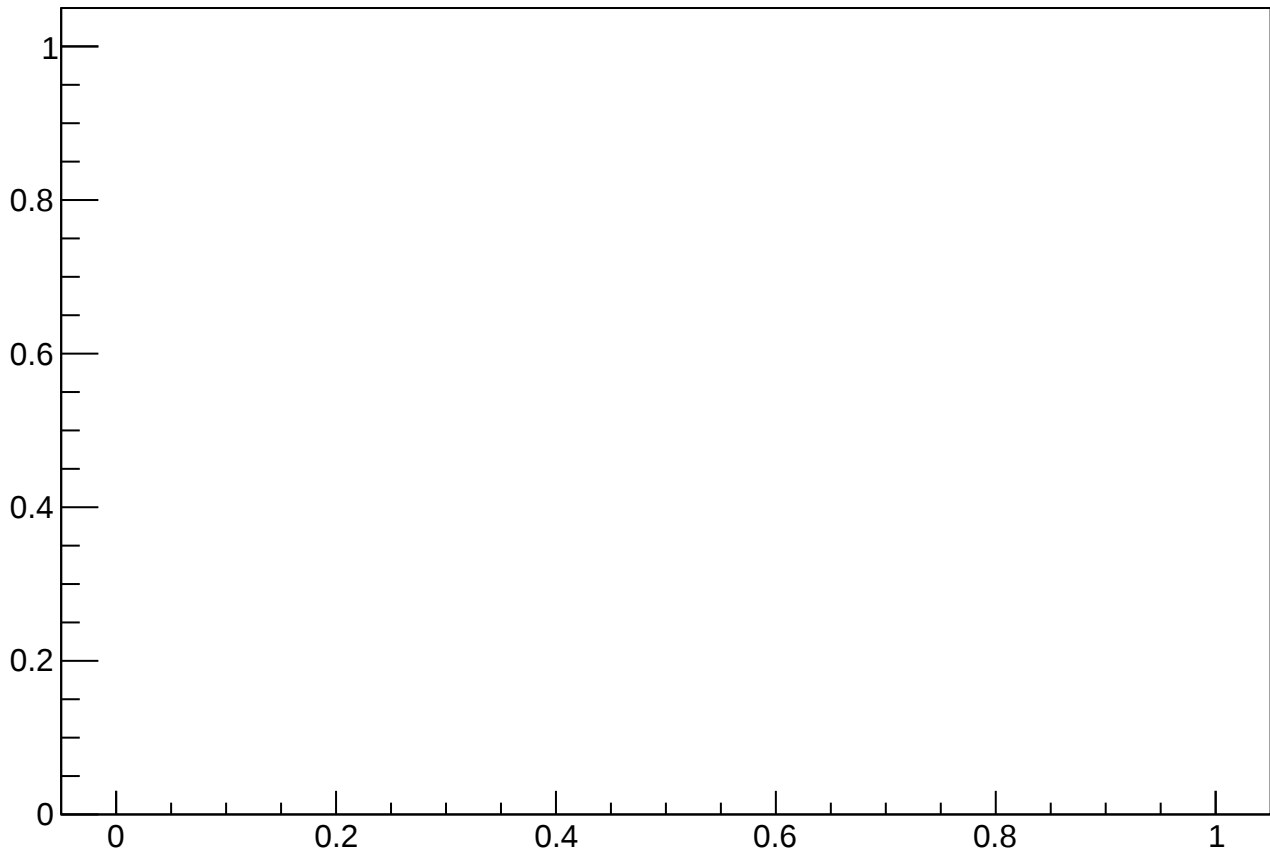
cor_dsr_mean vs Slug, Sign Corrected



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

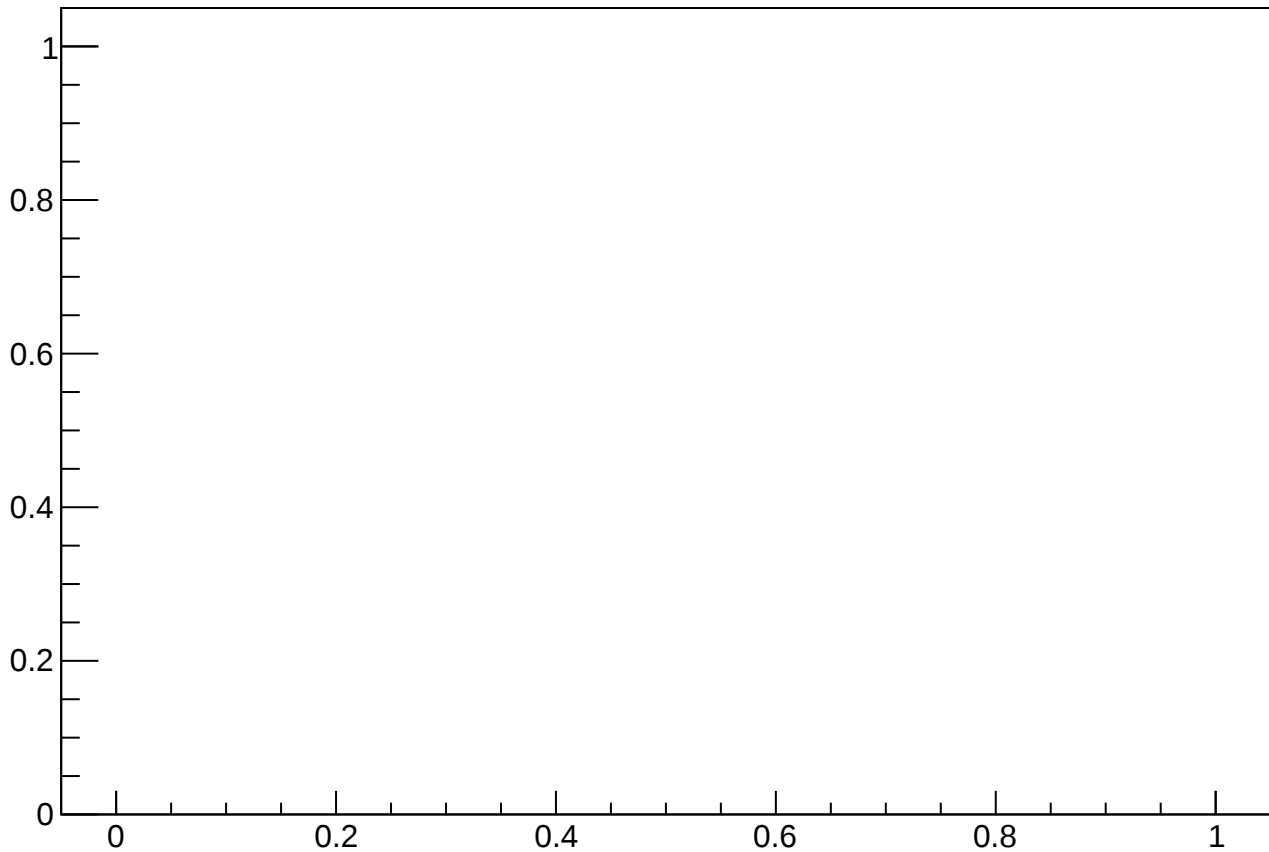
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

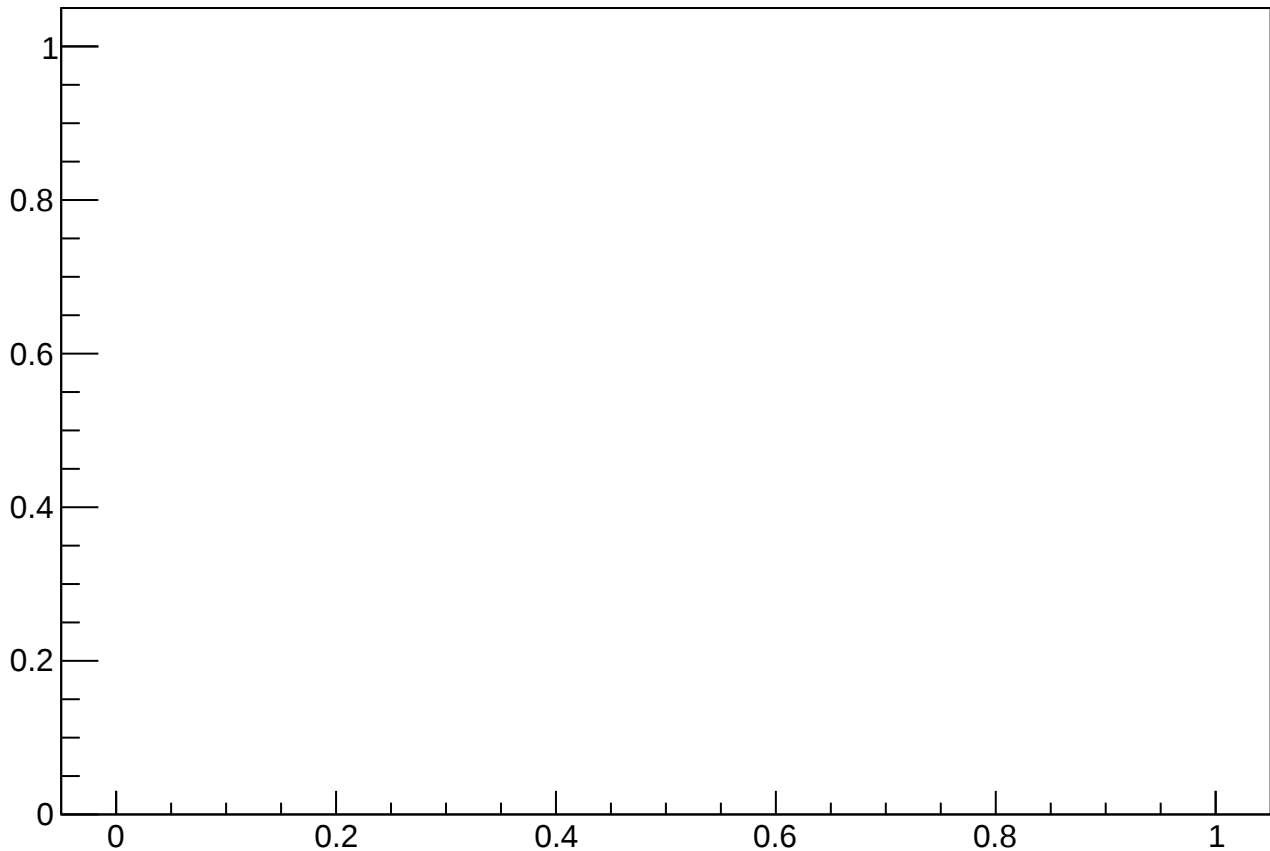
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

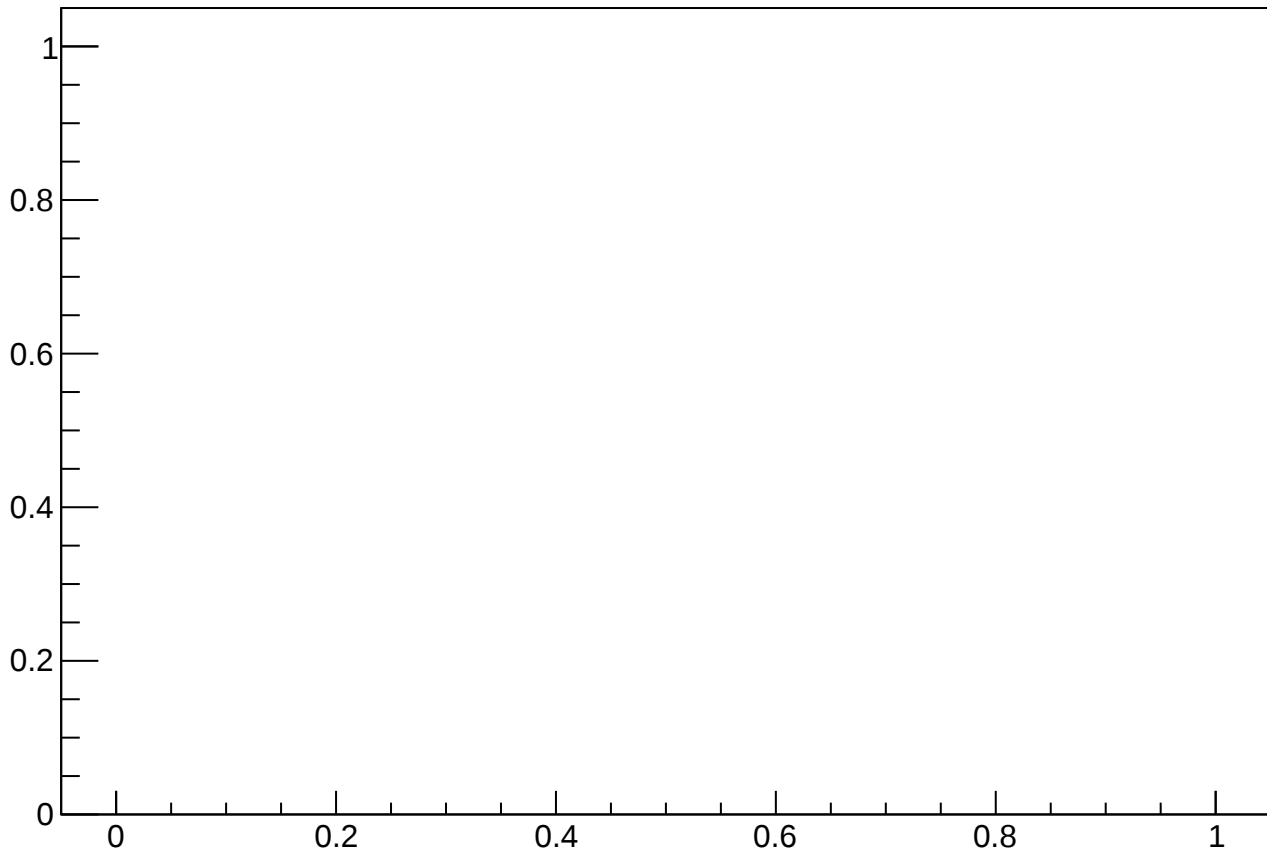
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

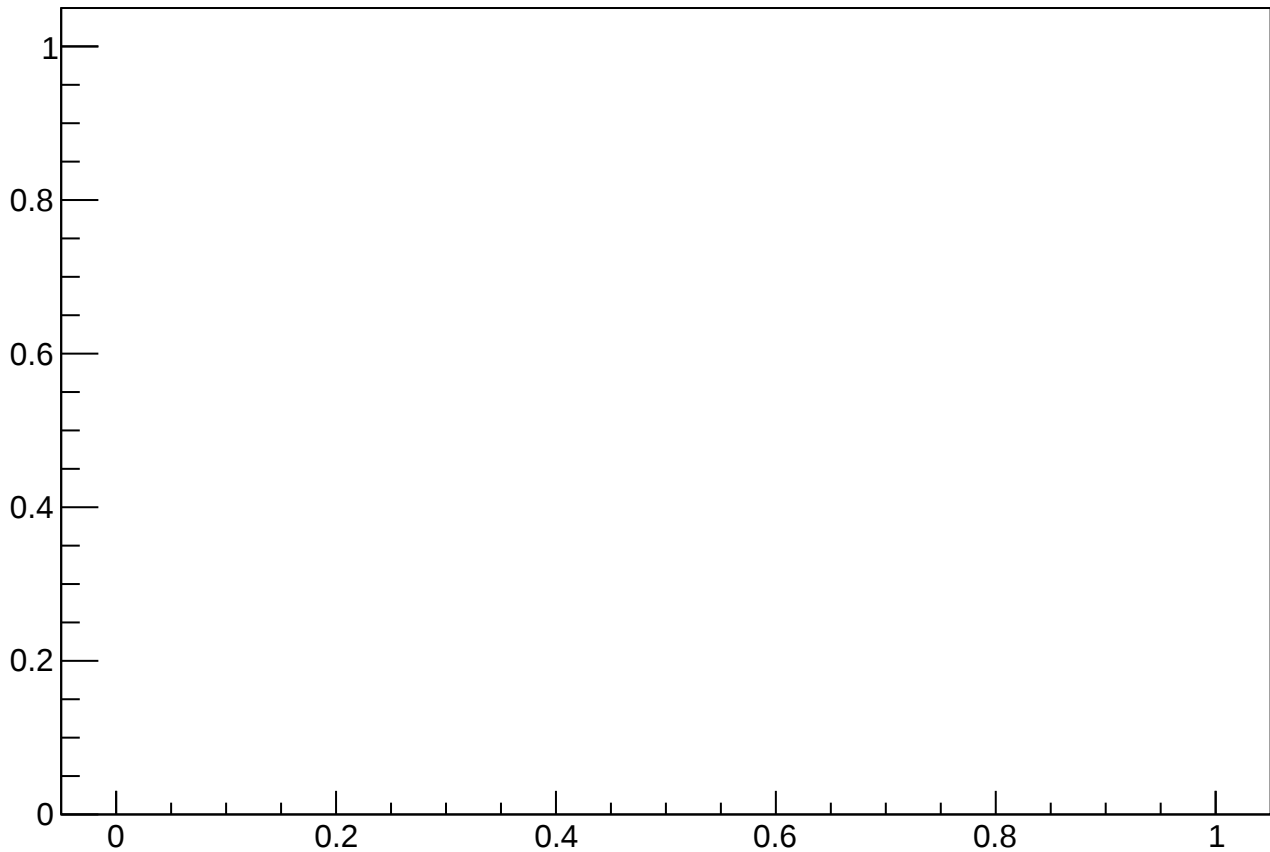
cor_us_dd_mean vs Slug, Sign Corrected



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+/-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

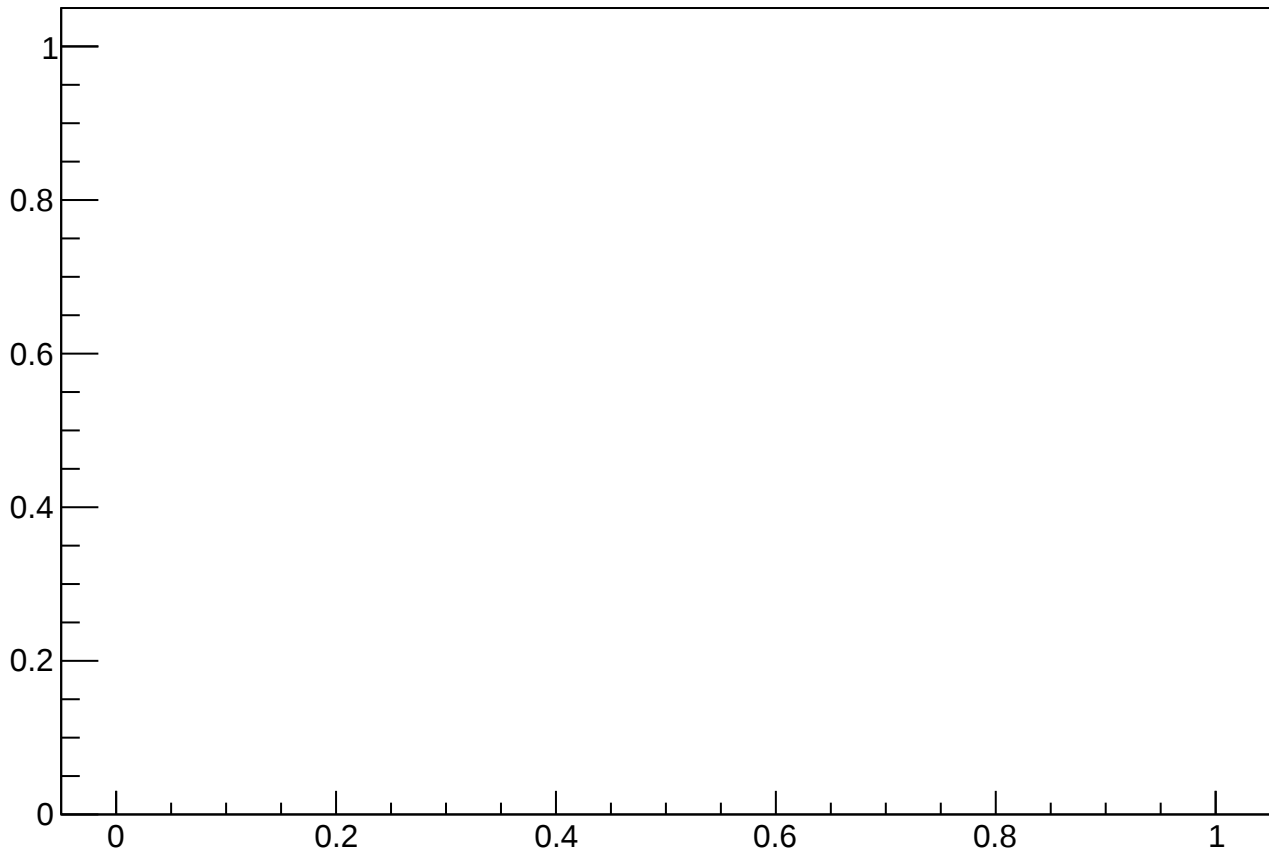
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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

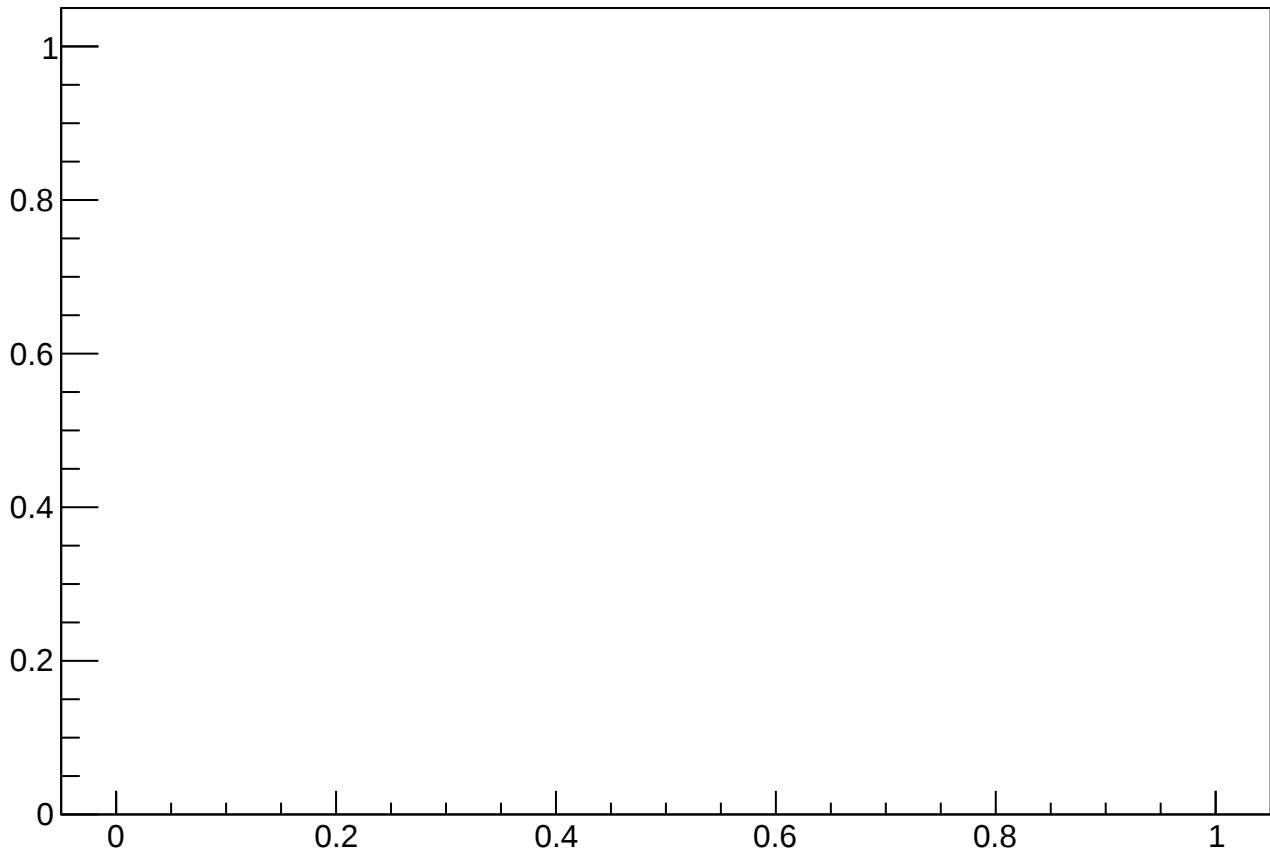
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

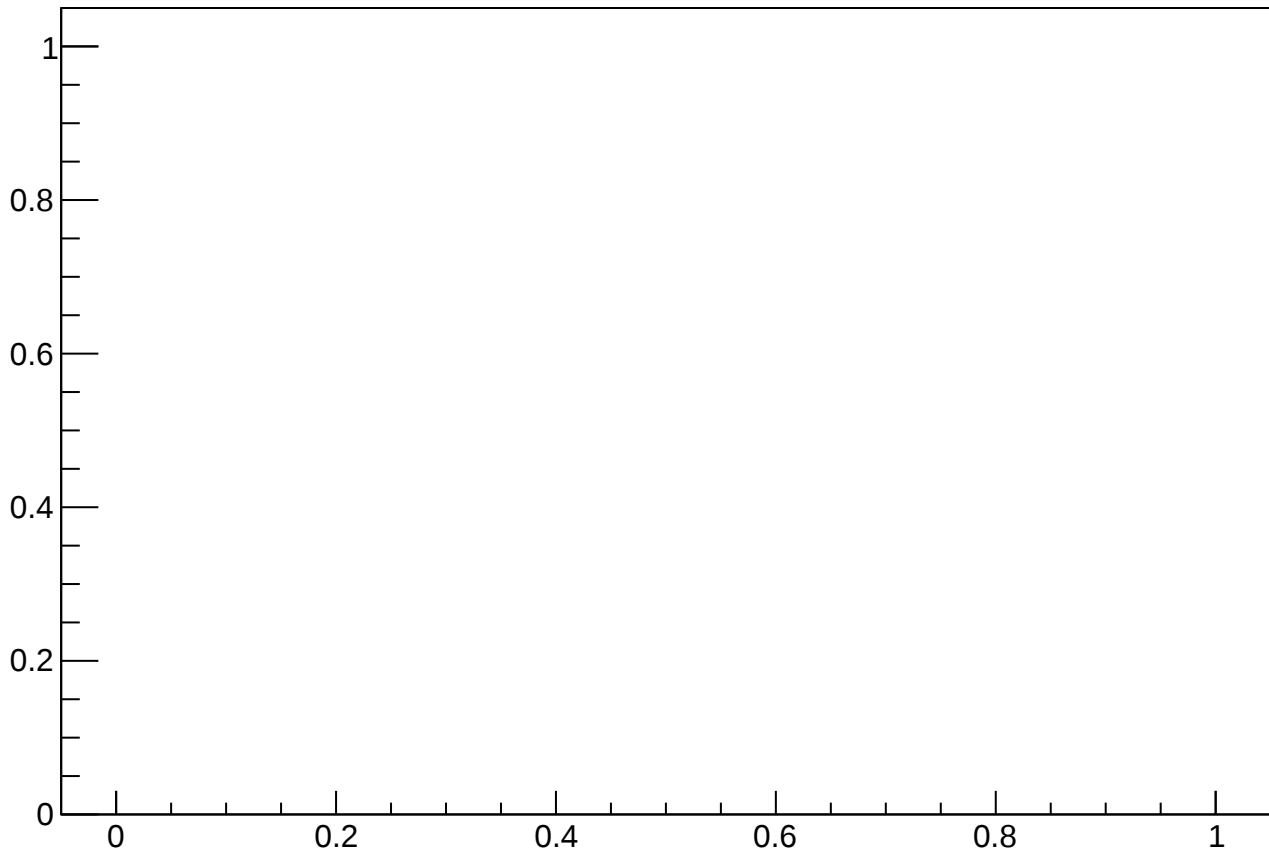
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

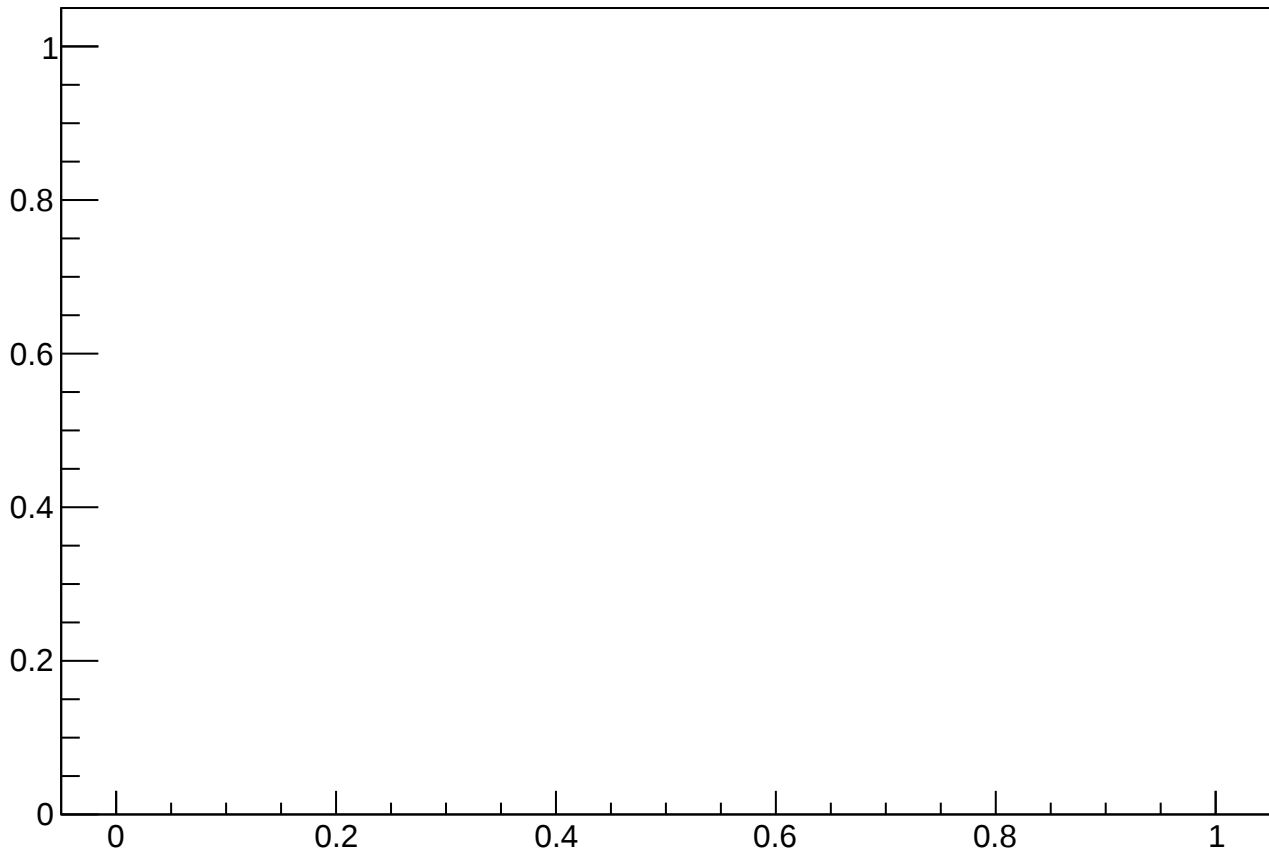
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

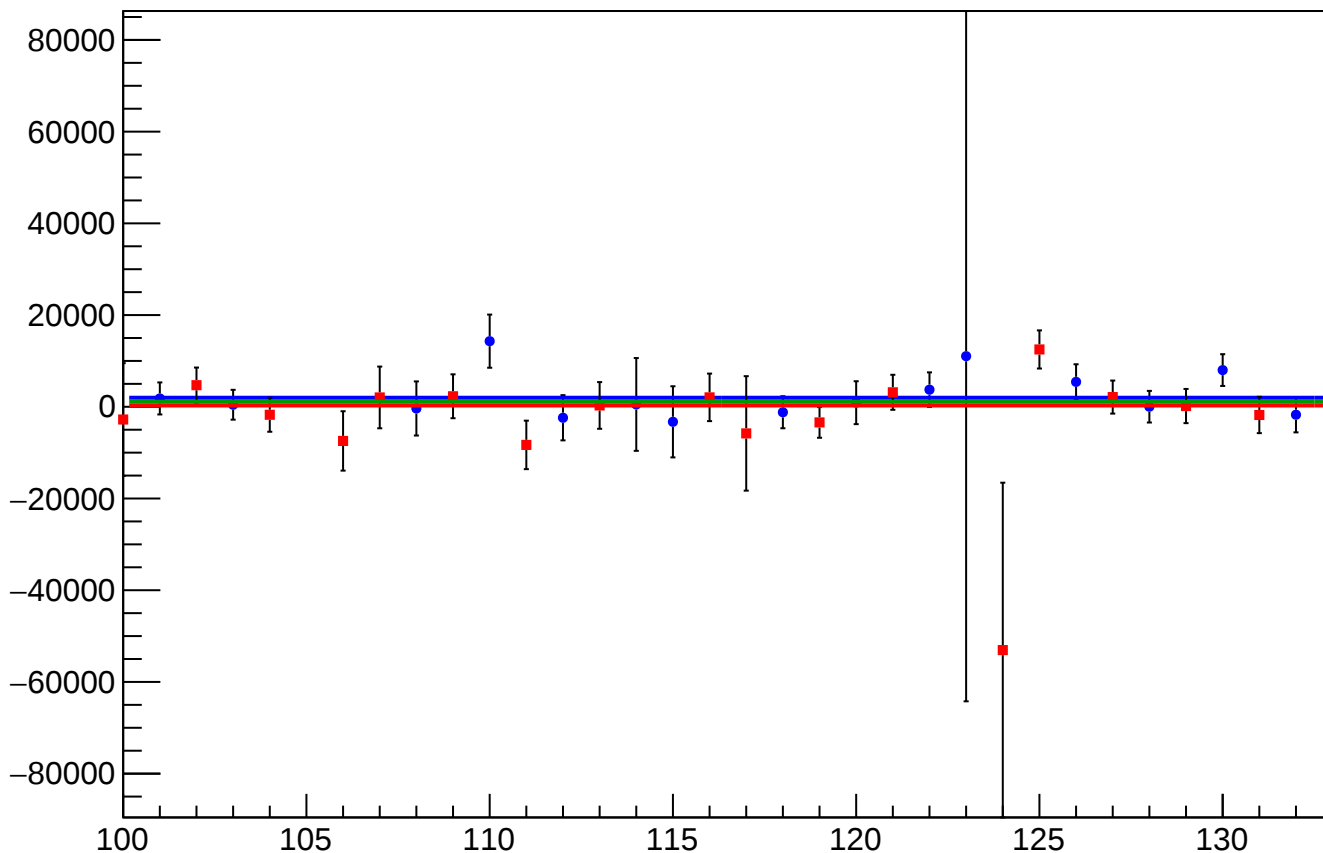
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 282.153+/-1080.687 χ^2/NDF : 20.9/17

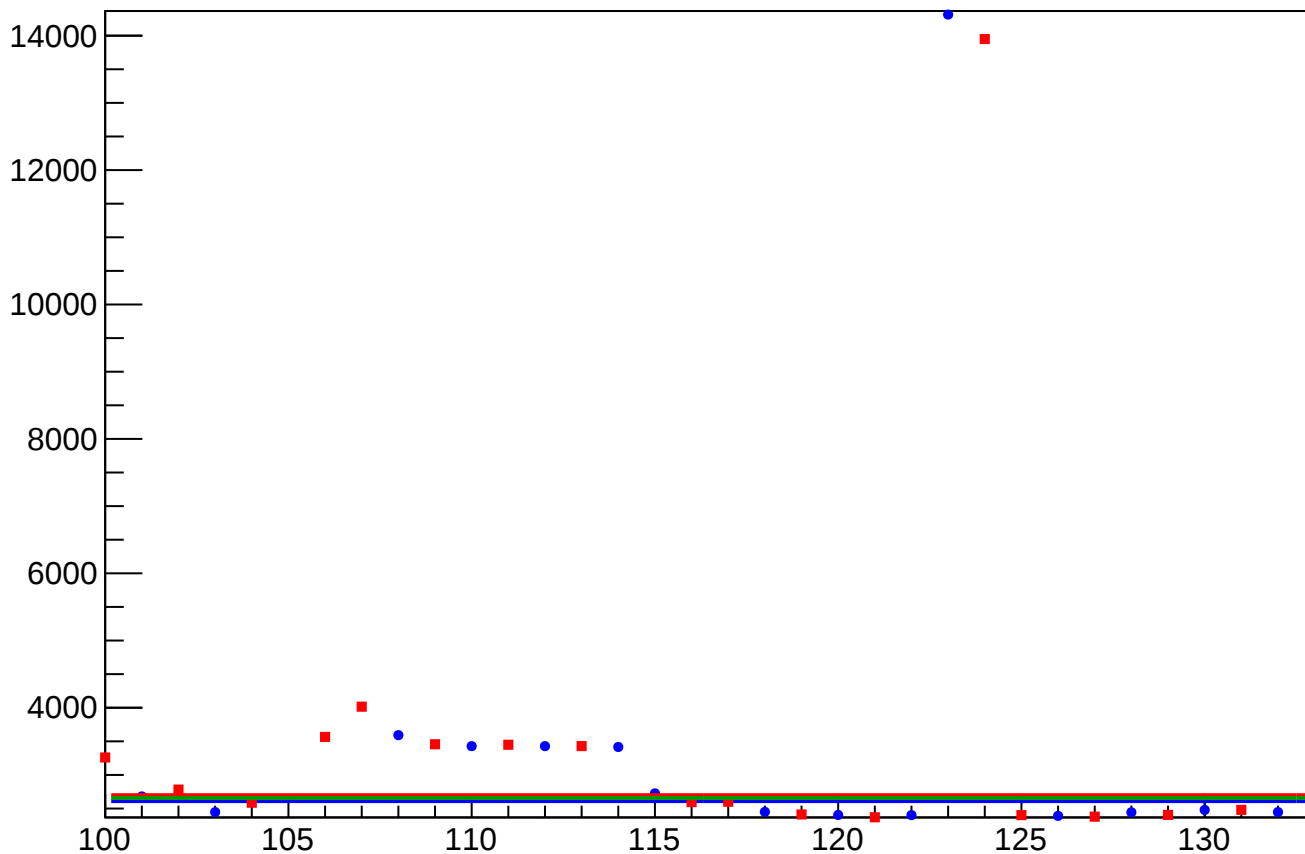
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1973.664+/-1115.460 χ^2/NDF : 12.4/14

1101.132+/-776.163 χ^2/NDF : 34.5/32

282.153+/-1080.687 χ^2/NDF : 20.9/17

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2610.796 $\pm$ 0.789 χ^2 /NDF: 249493.9/14

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

Right Out: 2698.562 $\pm$ 0.764 χ^2 /NDF: 525156.5/17

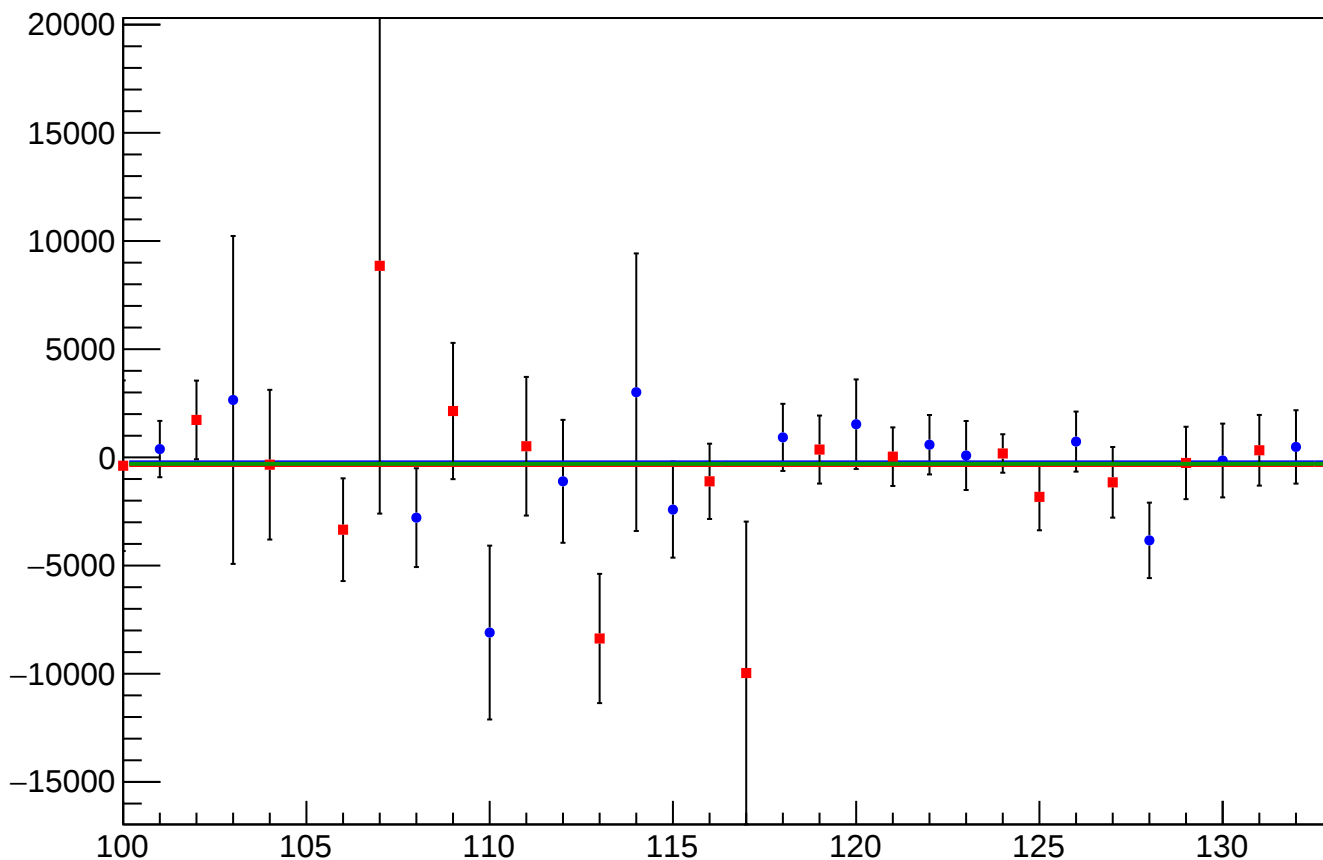
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2610.796 $\pm$ 0.789 χ^2 /NDF: 249493.9/14

2656.068 $\pm$ 0.549 χ^2 /NDF: 781037.1/32

2698.562 $\pm$ 0.764 χ^2 /NDF: 525156.5/17

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: -351.218+/-434.732 χ^2/NDF : 15.9/17

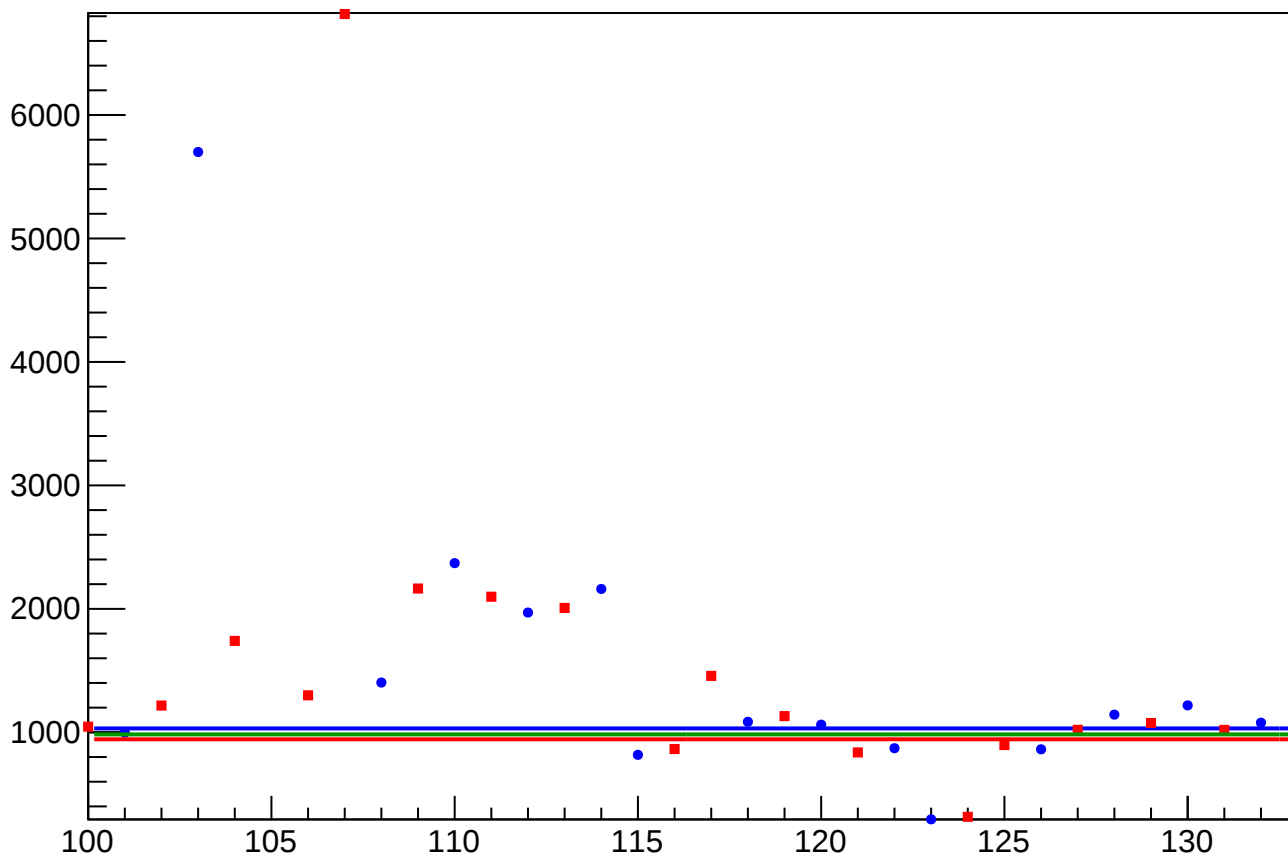
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-230.589+/-480.889 χ^2/NDF : 13.4/14

-296.969+/-322.489 χ^2/NDF : 29.3/32

-351.218+/-434.732 χ^2/NDF : 15.9/17

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: 943.754+/-0.307 χ^2/NDF : 2676172.7/17

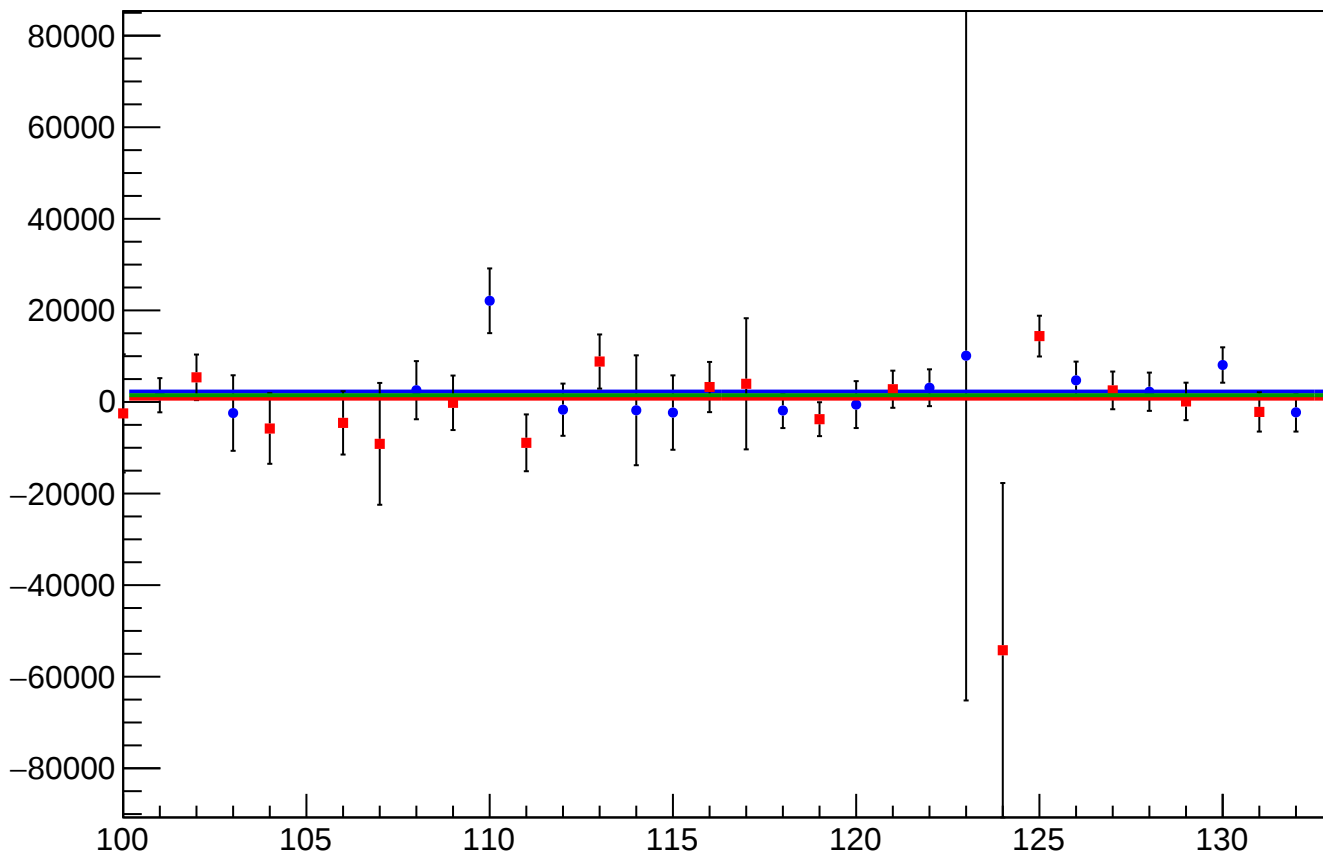
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

983.318+/-0.228 χ^2/NDF : 4567047.7/32

943.754+/-0.307 χ^2/NDF : 2676172.7/17

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: 729.633+/-1265.830 χ^2 /NDF: 23.1/17

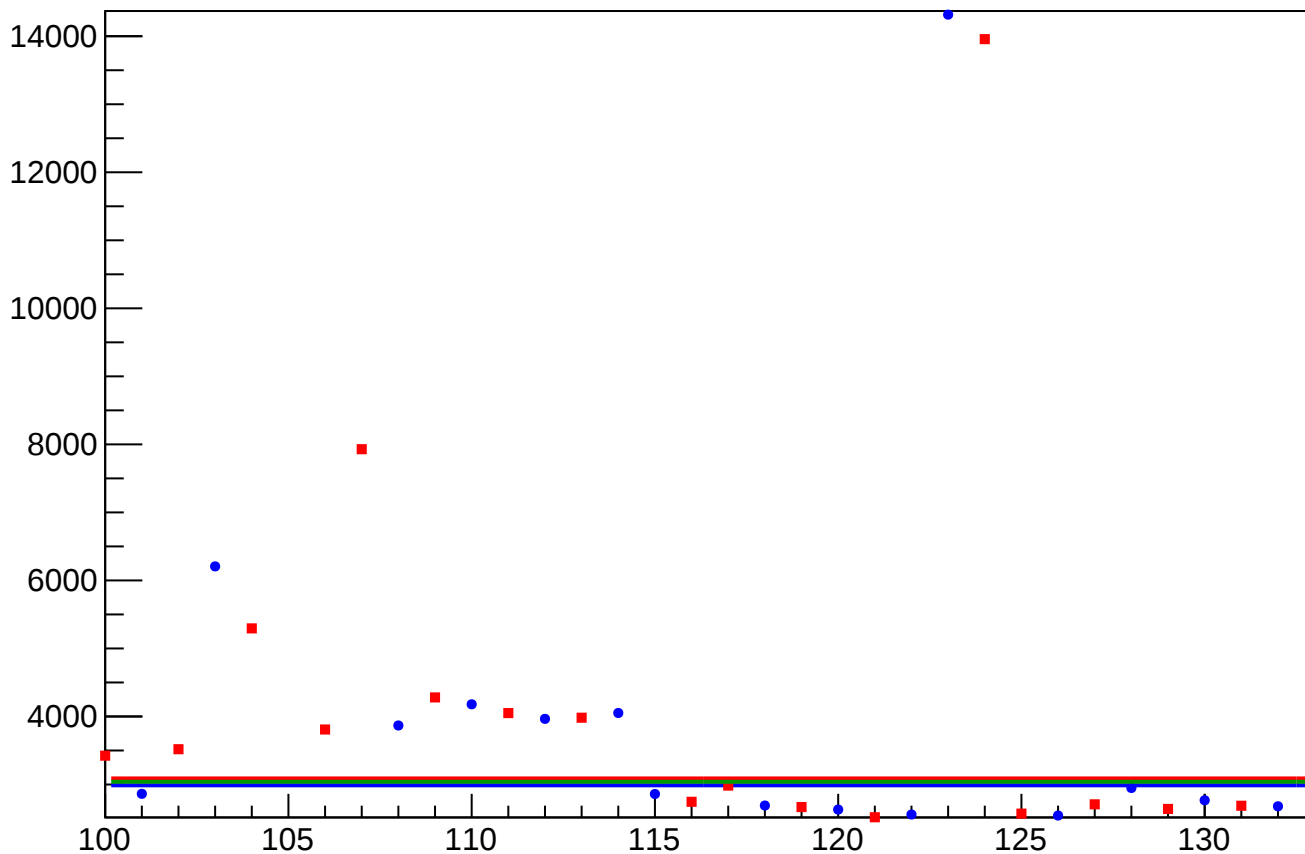
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2269.947+/-1298.456 χ^2 /NDF: 14.5/14

1480.195+/-906.392 χ^2 /NDF: 38.3/32

729.633+/-1265.830 χ^2 /NDF: 23.1/17

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: 3089.274+/-0.895 χ^2/NDF : 986179.8/17

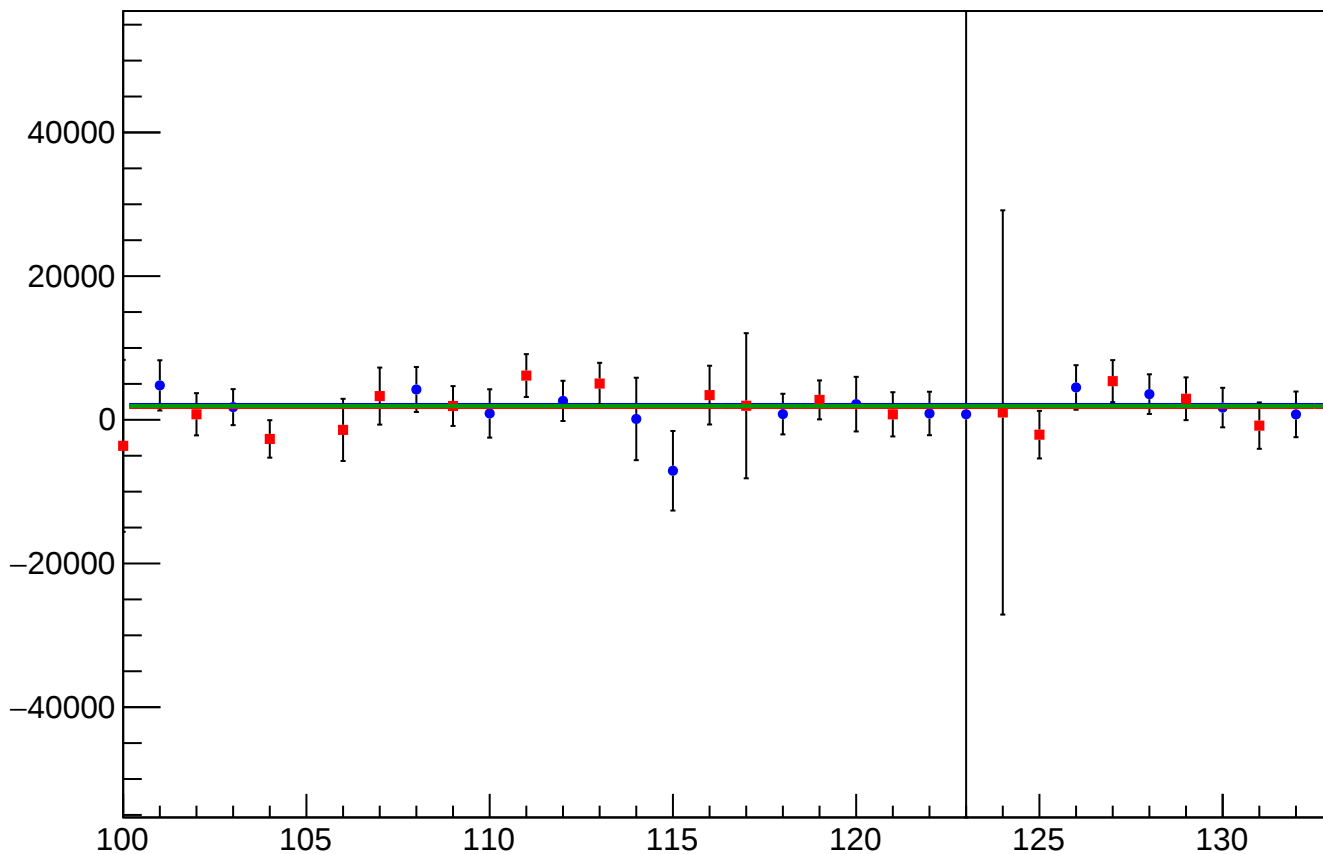
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

3040.058+/-0.641 χ^2/NDF : 1600034.3/32

3089.274+/-0.895 χ^2/NDF : 986179.8/17

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: 1783.576 $\pm$ 806.904 χ^2 /NDF: 11.6/17

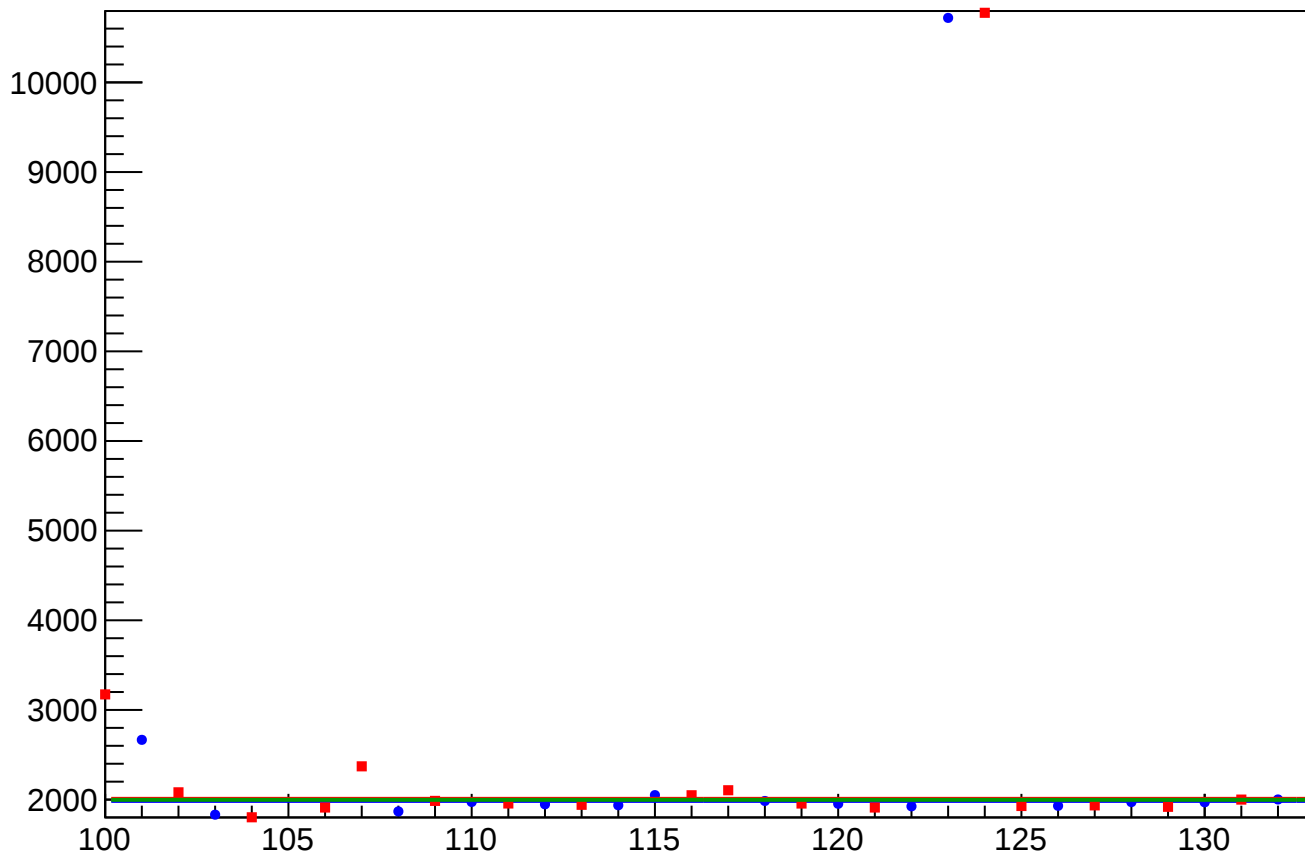
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1917.352 $\pm$ 584.422 χ^2 /NDF: 17.2/32

1783.576 $\pm$ 806.904 χ^2 /NDF: 11.6/17

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: 2008.220+/-0.571 χ^2/NDF : 314729.9/17

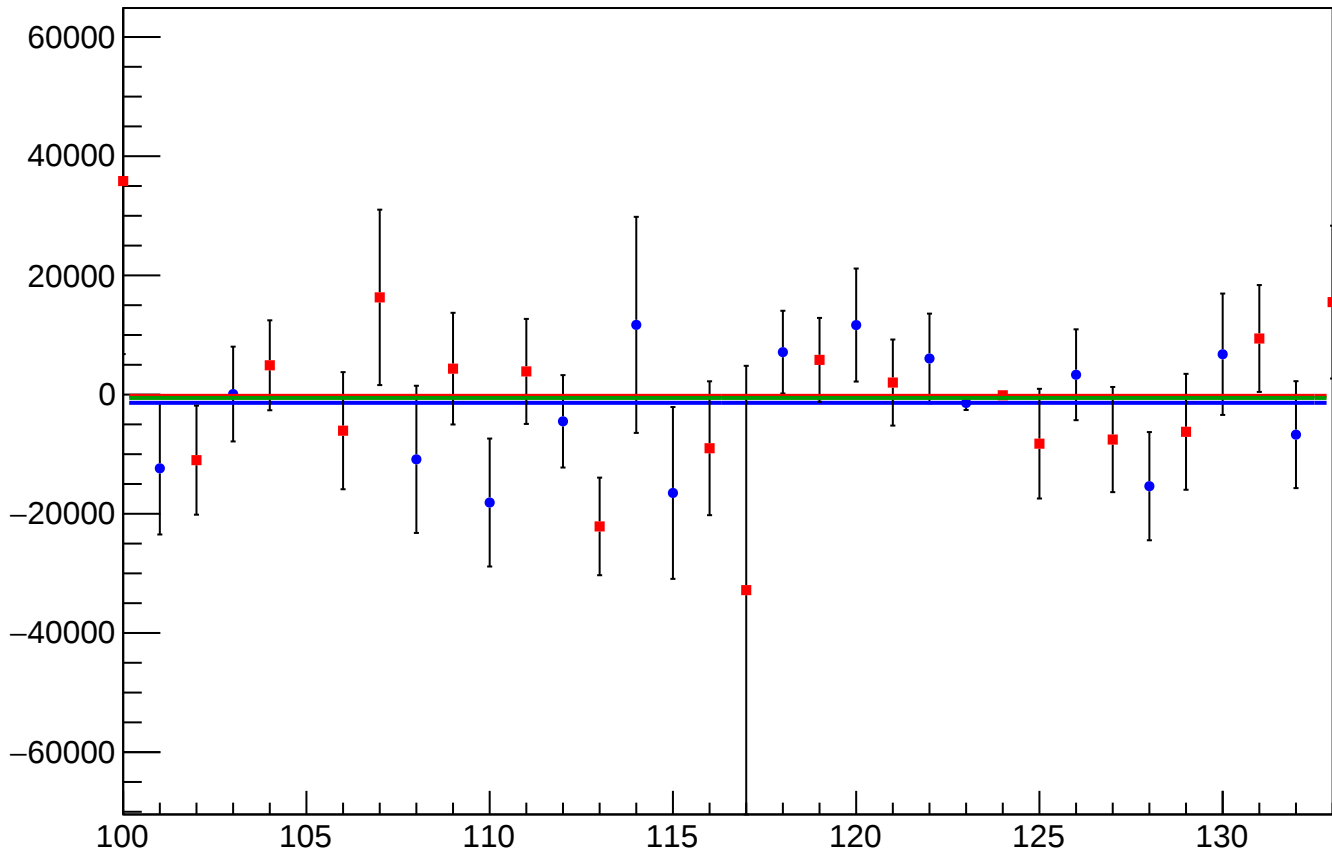
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1997.402+/-0.413 χ^2/NDF : 452708.8/32

2008.220+/-0.571 χ^2/NDF : 314729.9/17

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: -207.776+/-696.347 χ^2/NDF : 19.3/17

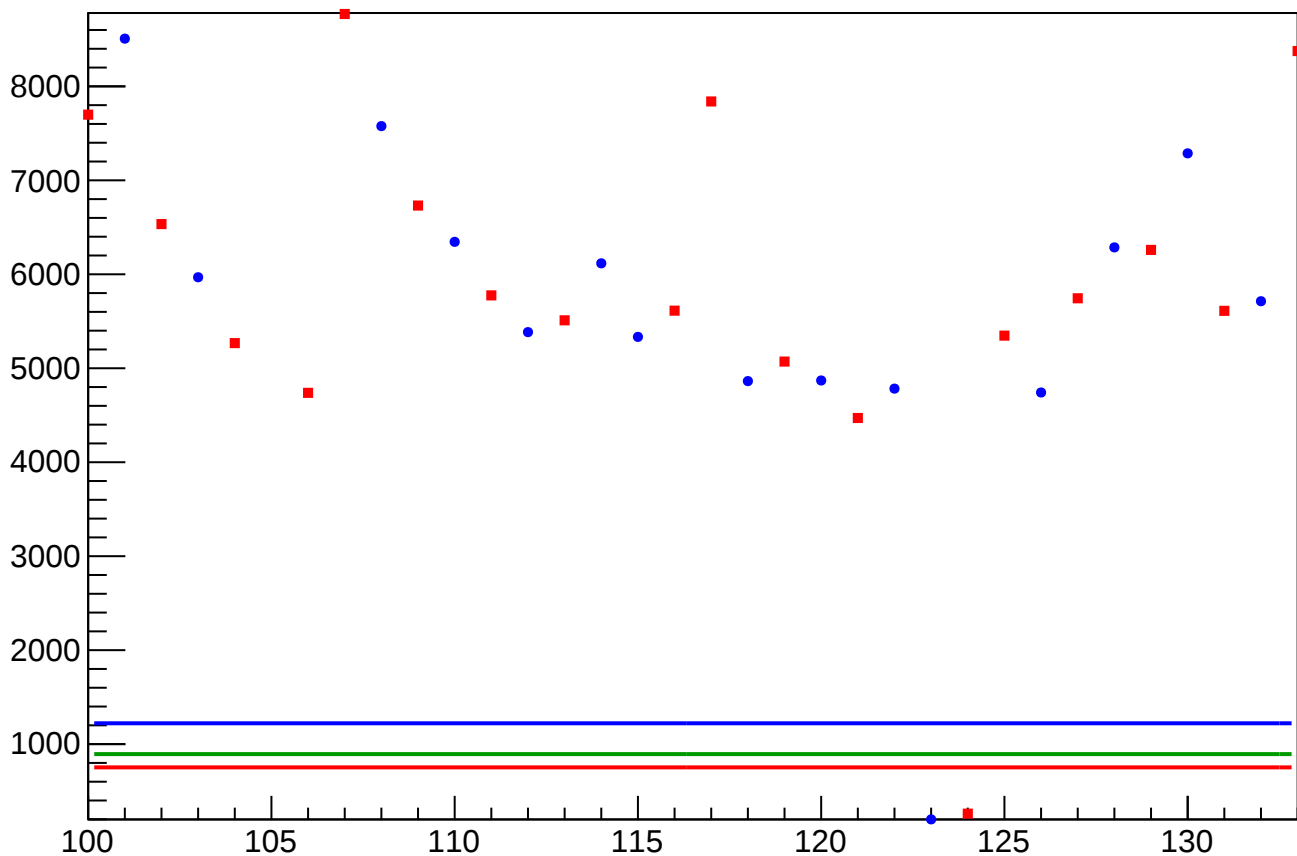
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-561.061+/-582.196 χ^2/NDF : 34.1/32

-207.776+/-696.347 χ^2/NDF : 19.3/17

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: 752.613+/-0.492 χ^2/NDF : 10401993.1/17

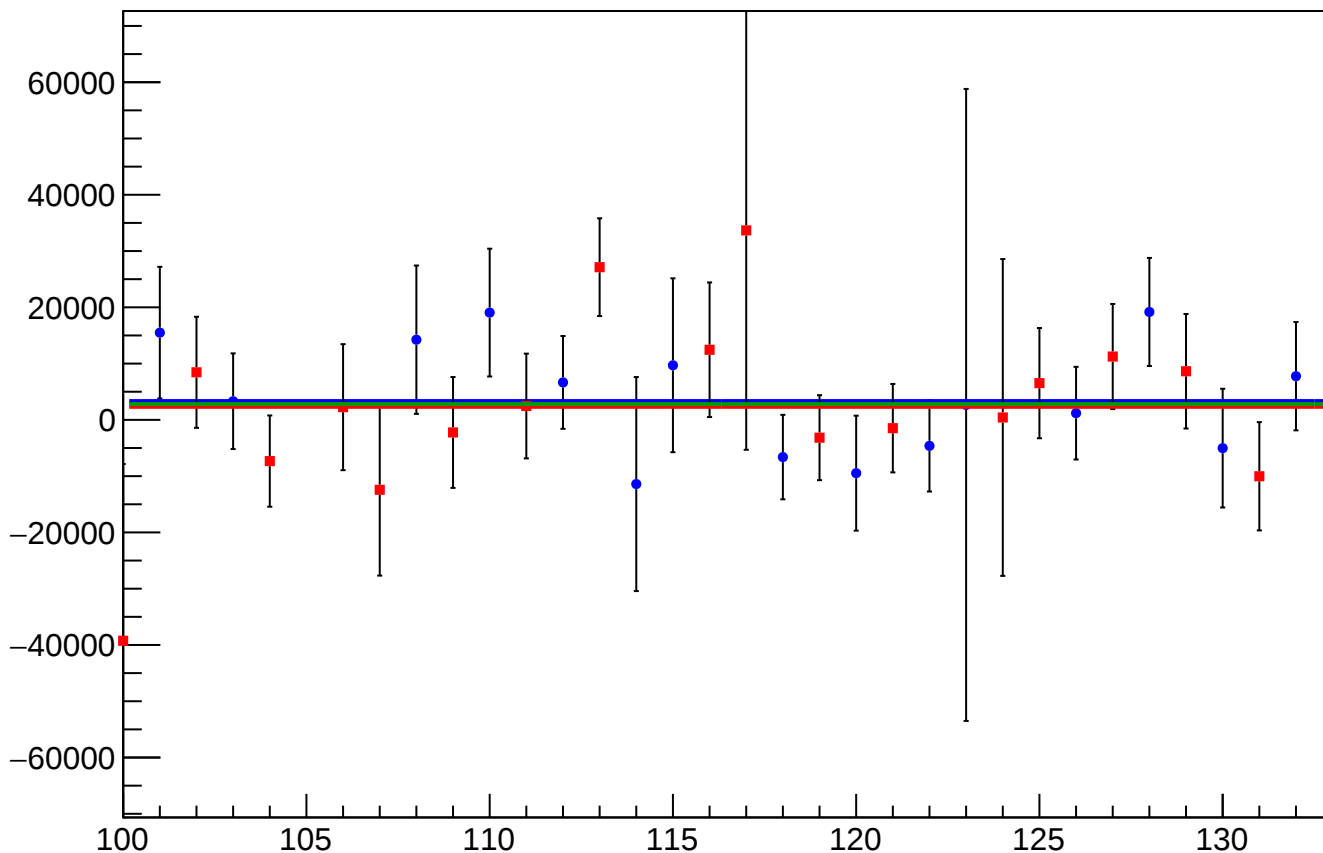
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

893.824+/-0.412 χ^2/NDF : 19187674.7/32

752.613+/-0.492 χ^2/NDF : 10401993.1/17

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: 2321.501+/-2466.726 χ^2/NDF : 19.9/17

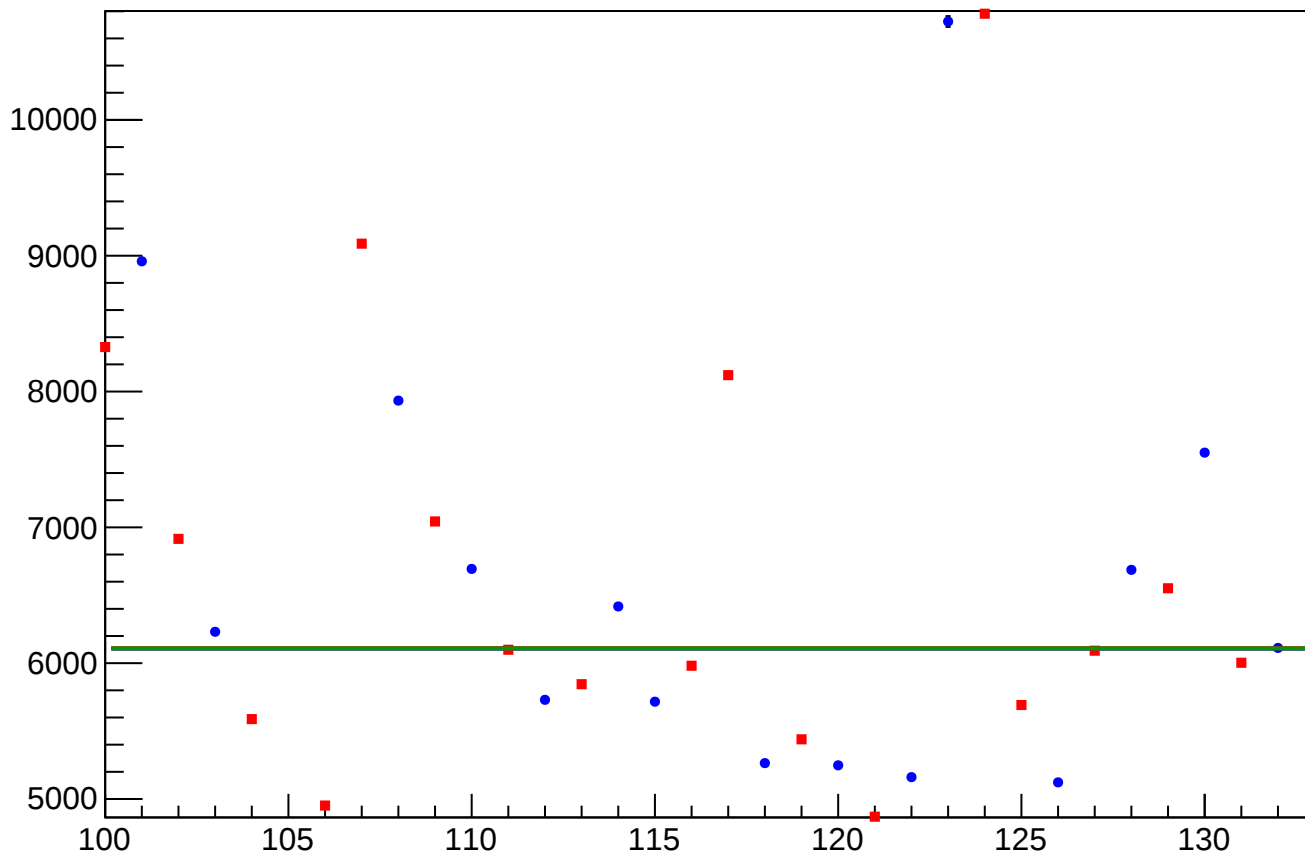
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3340.098+/-2630.427 χ^2/NDF : 12.5/14

2798.120+/-1799.329 χ^2/NDF : 32.5/32

2321.501+/-2466.726 χ^2/NDF : 19.9/17

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: 6110.388+/-1.744 χ^2/NDF : 363933.6/17

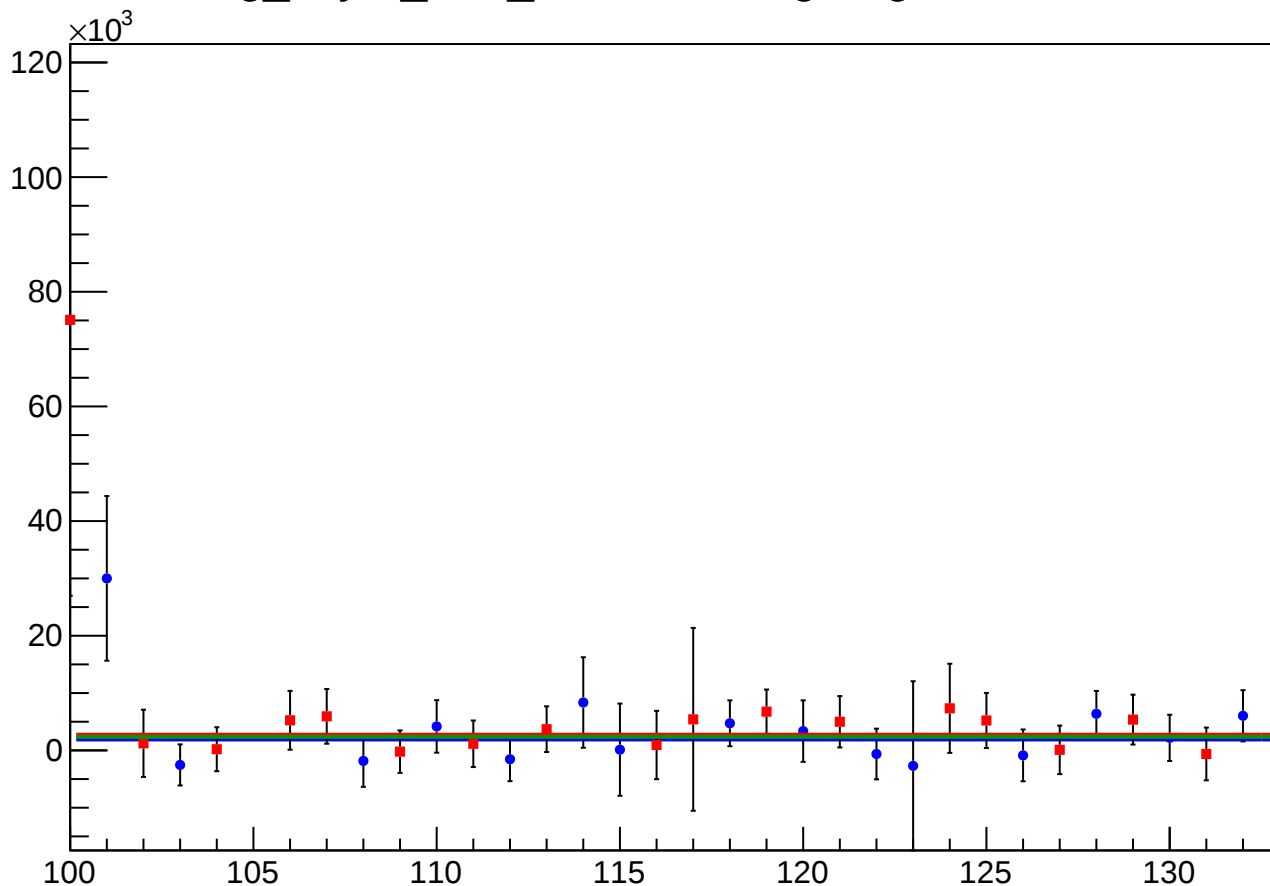
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6108.823+/-1.272 χ^2/NDF : 686379.5/32

6110.388+/-1.744 χ^2/NDF : 363933.6/17

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: 2731.503+/-1122.234 χ^2/NDF : 8.2/17

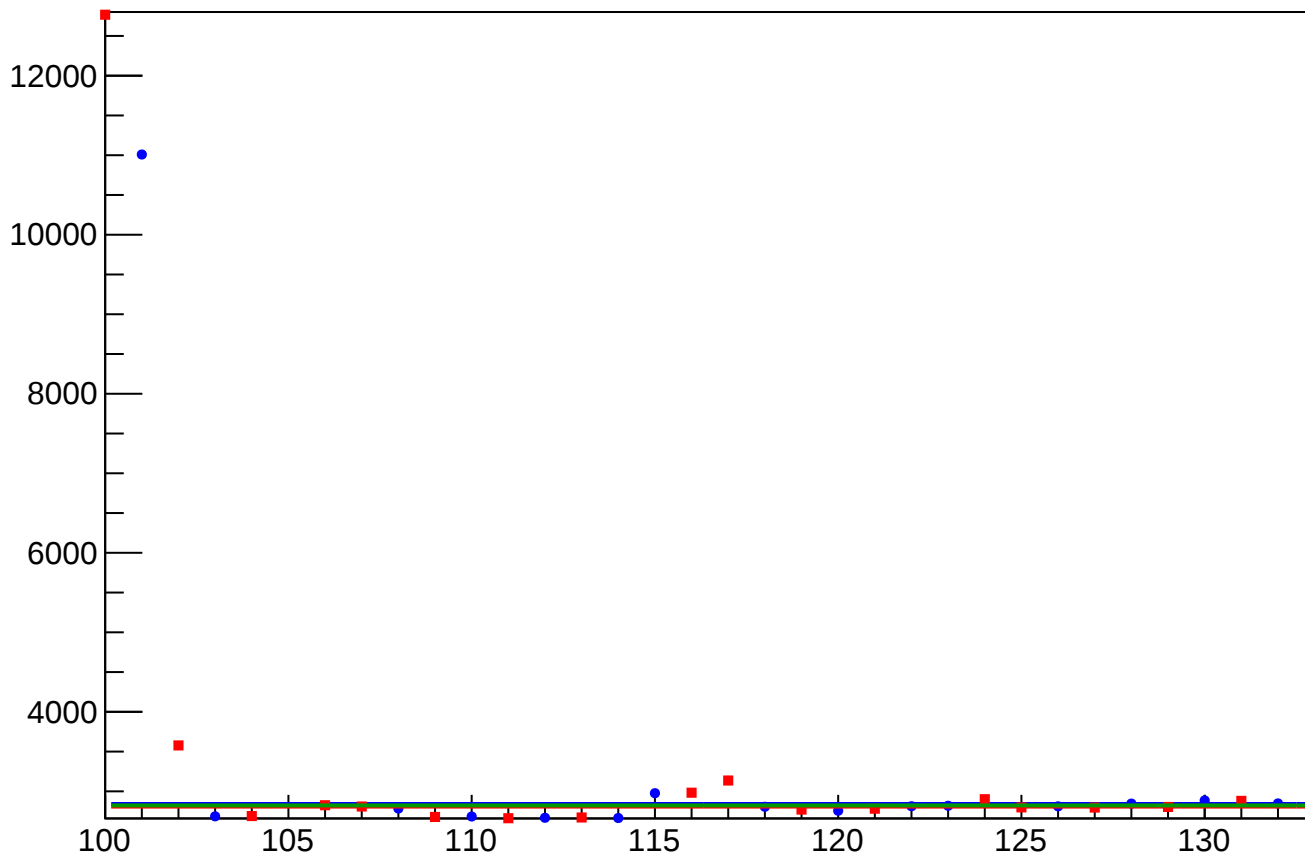
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1912.910+/-1235.139 χ^2/NDF : 11.3/14

2361.323+/-830.593 χ^2/NDF : 19.7/32

2731.503+/-1122.234 χ^2/NDF : 8.2/17

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: 2808.453+/-0.794 χ^2/NDF : 133212.0/17

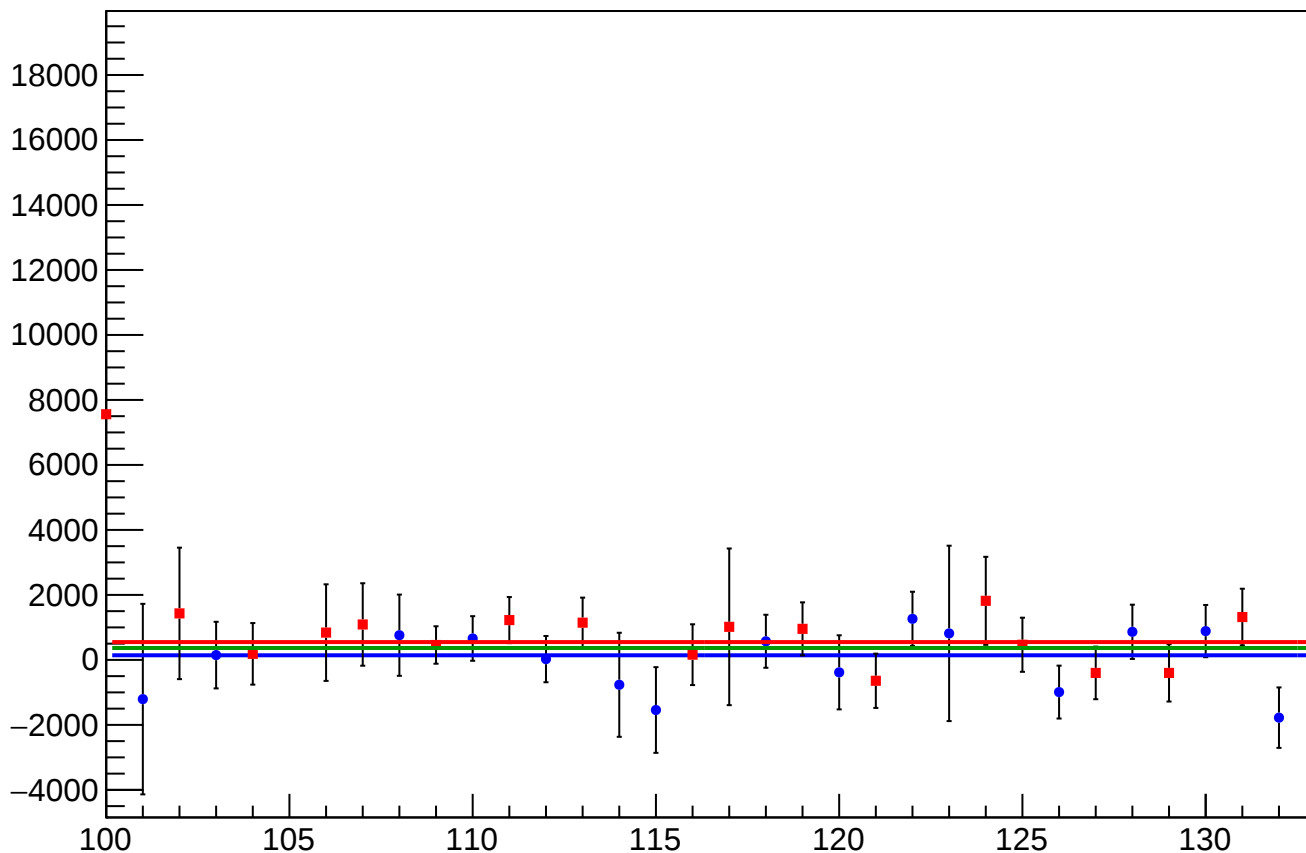
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2823.129+/-0.587 χ^2/NDF : 794005.2/32

2808.453+/-0.794 χ^2/NDF : 133212.0/17

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: 548.287+/-222.955 χ^2/NDF : 9.1/17

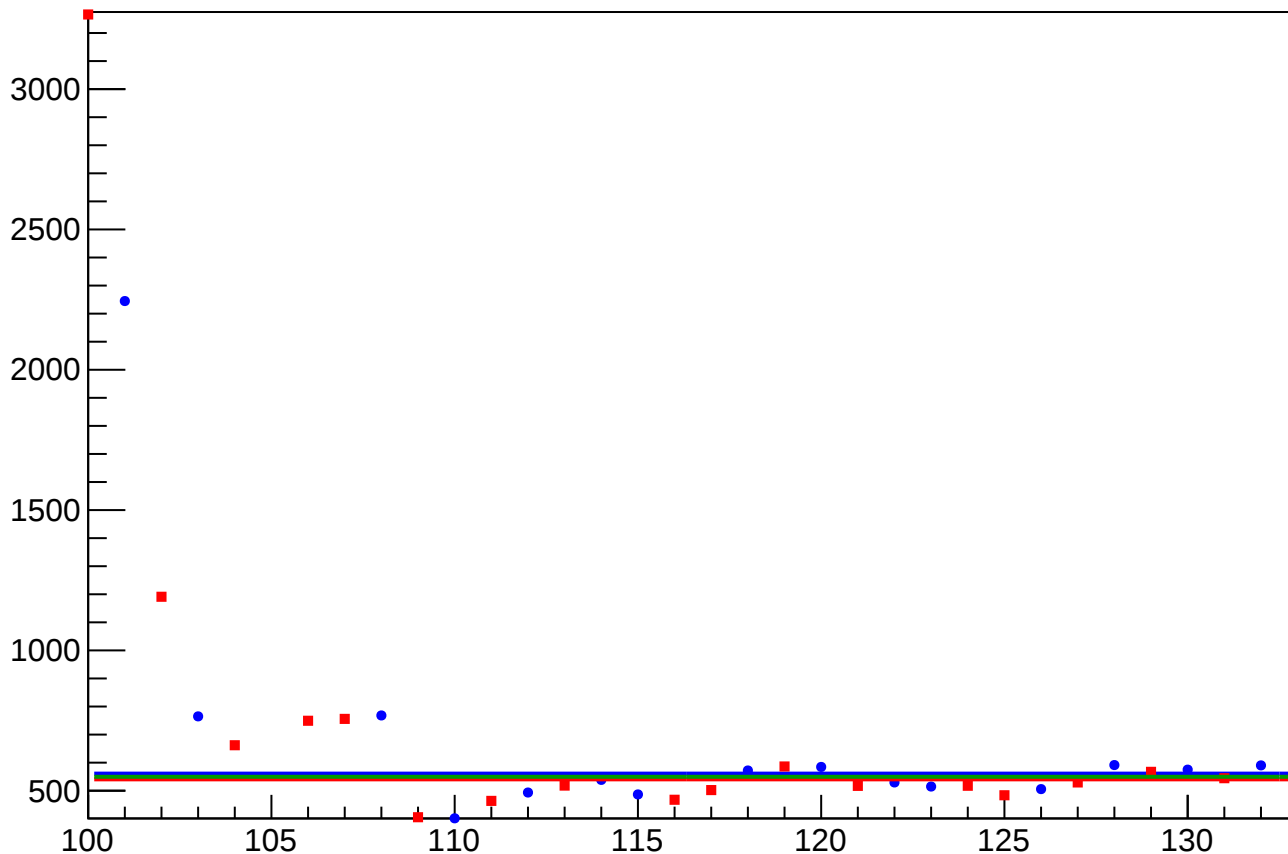
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.870+/-247.943 χ^2/NDF : 13.2/14

366.584+/-165.785 χ^2/NDF : 23.8/32

548.287+/-222.955 χ^2/NDF : 9.1/17

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: 540.503+/-0.158 χ^2/NDF : 707193.6/17

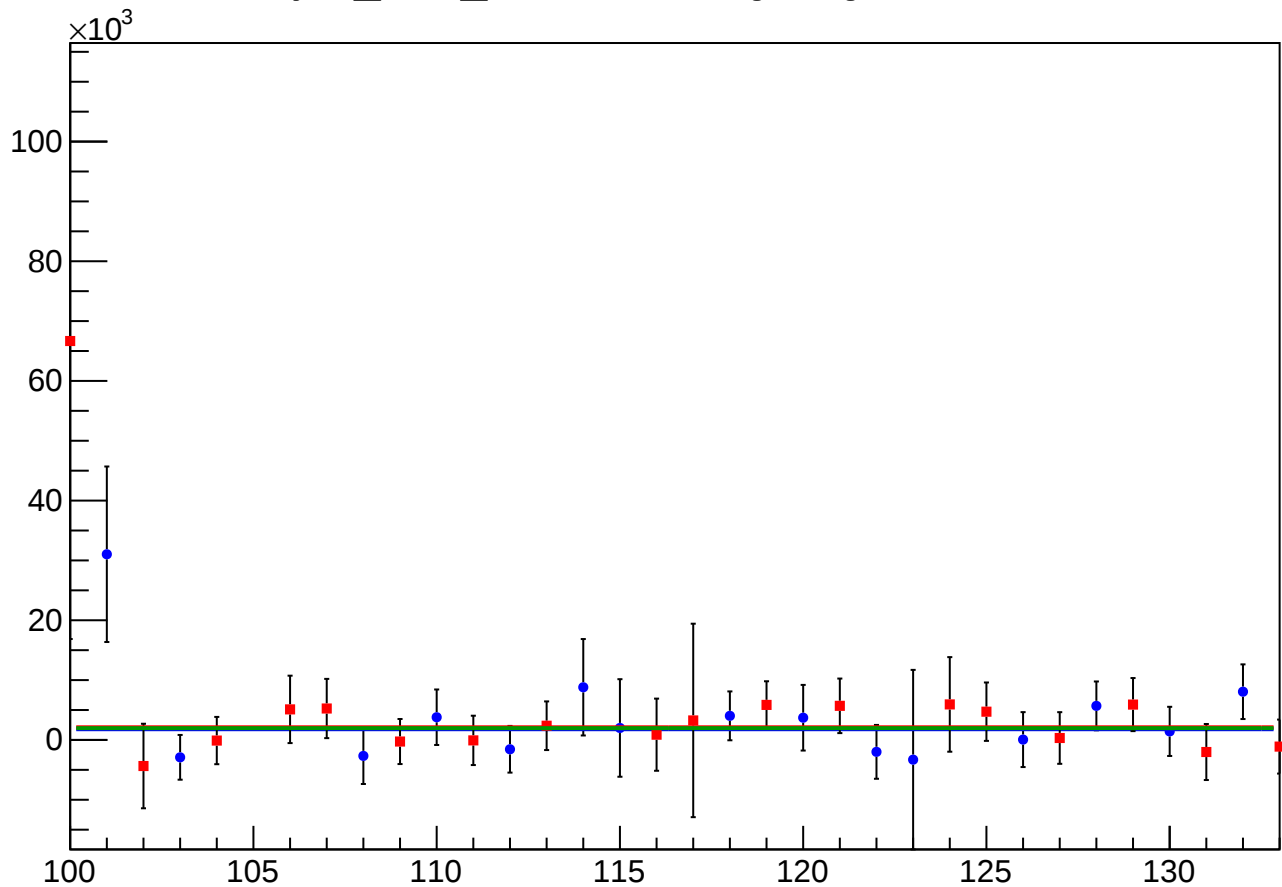
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

560.909+/-0.175 χ^2/NDF : 945739.8/14

549.626+/-0.117 χ^2/NDF : 1660424.2/32

540.503+/-0.158 χ^2/NDF : 707193.6/17

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1792.457+/-1264.013 χ^2 /NDF: 12.3/14

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

Right Out: 2111.937+/-1156.660 χ^2 /NDF: 8.5/17

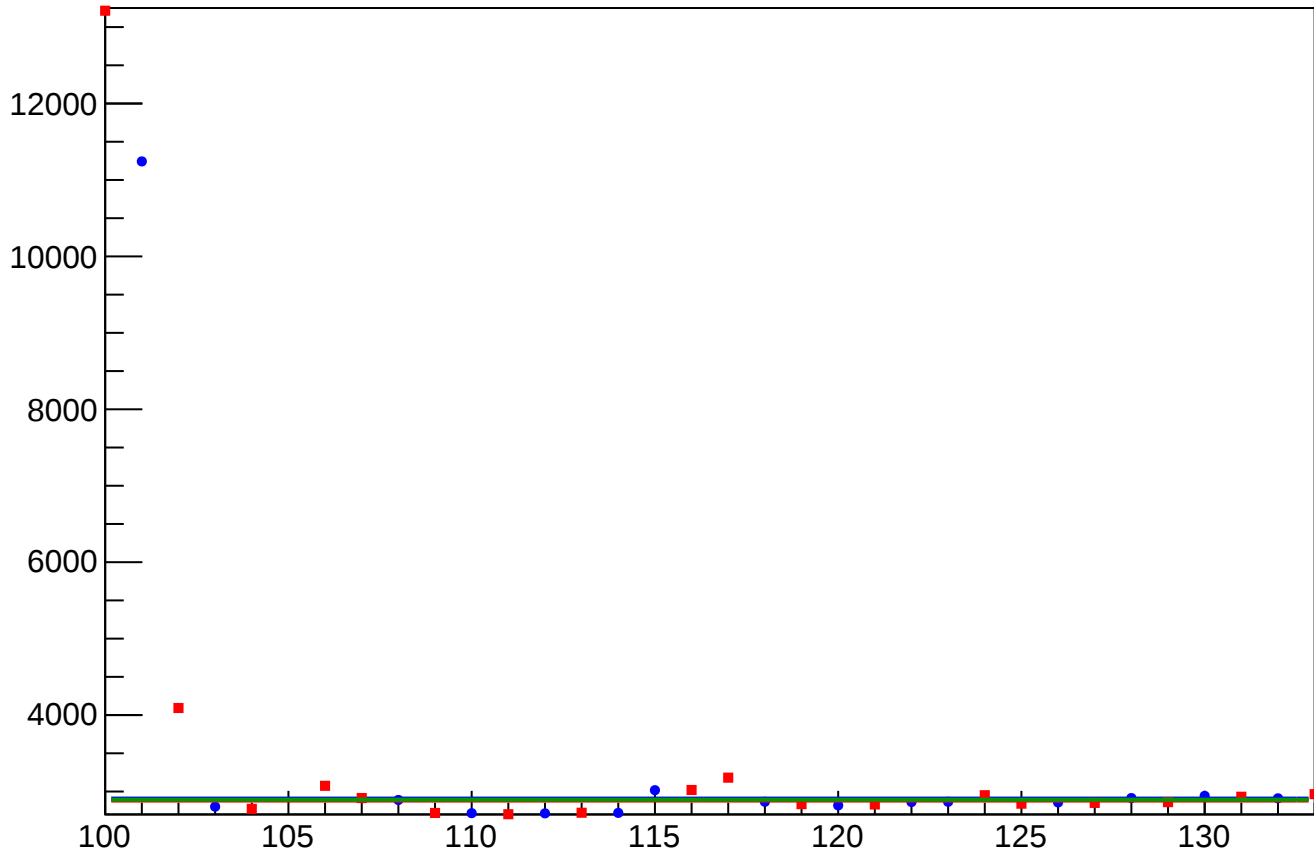
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1792.457+/-1264.013 χ^2 /NDF: 12.3/14

1966.337+/-853.315 χ^2 /NDF: 20.8/32

2111.937+/-1156.660 χ^2 /NDF: 8.5/17

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: 2881.630+/-0.818 χ^2/NDF : 162959.3/17

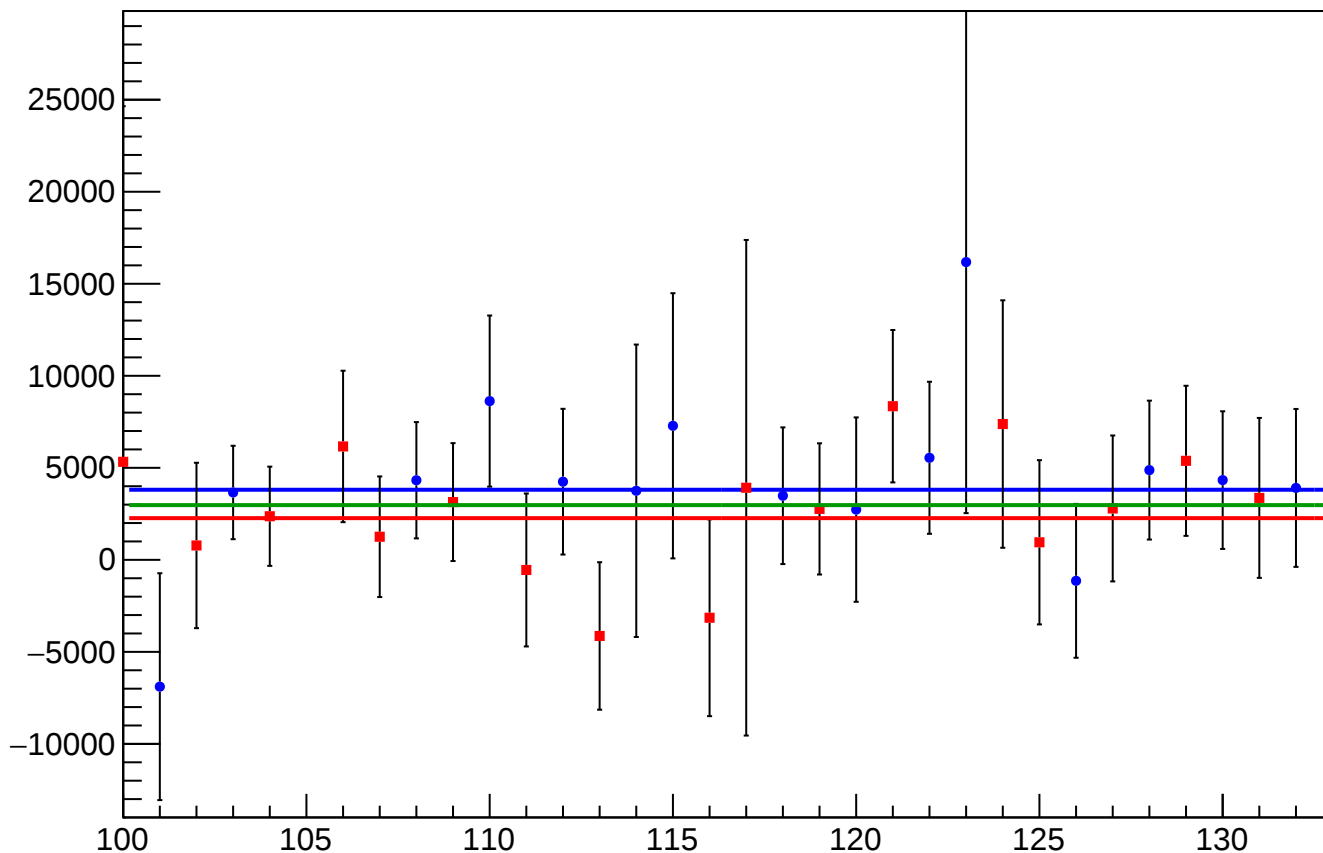
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2893.485+/-0.603 χ^2/NDF : 822117.1/32

2881.630+/-0.818 χ^2/NDF : 162959.3/17

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: 2265.804 $\pm$ 995.432 χ^2 /NDF: 9.7/17

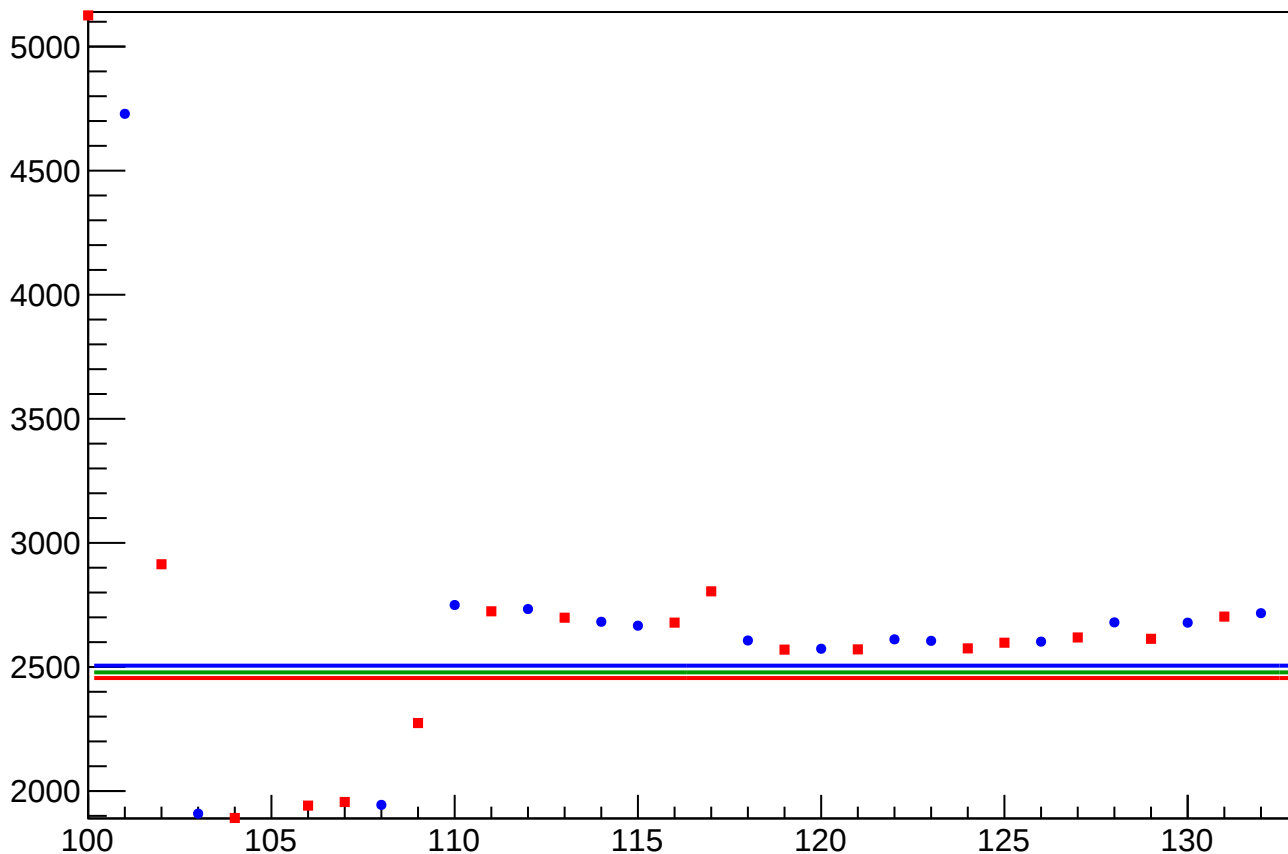
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2974.234 $\pm$ 732.086 χ^2 /NDF: 17.7/32

2265.804 $\pm$ 995.432 χ^2 /NDF: 9.7/17

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2505.308+/-0.764 χ^2/NDF : 465795.9/14

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

Right Out: 2455.341+/-0.704 χ^2/NDF : 434146.7/17

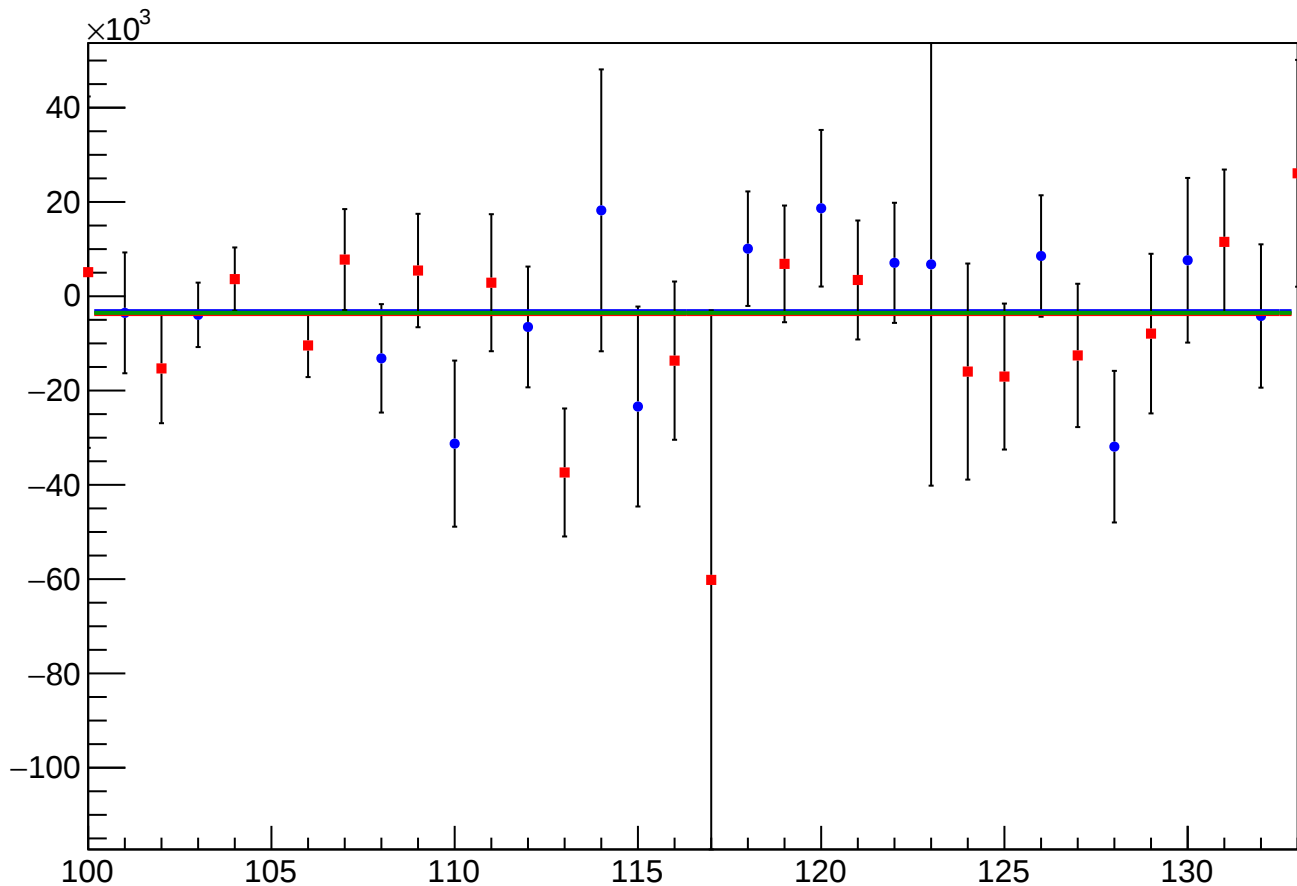
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2505.308+/-0.764 χ^2/NDF : 465795.9/14

2478.282+/-0.518 χ^2/NDF : 902256.2/32

2455.341+/-0.704 χ^2/NDF : 434146.7/17

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: -3780.163+/-2951.064 χ^2 /NDF: 17.7/17

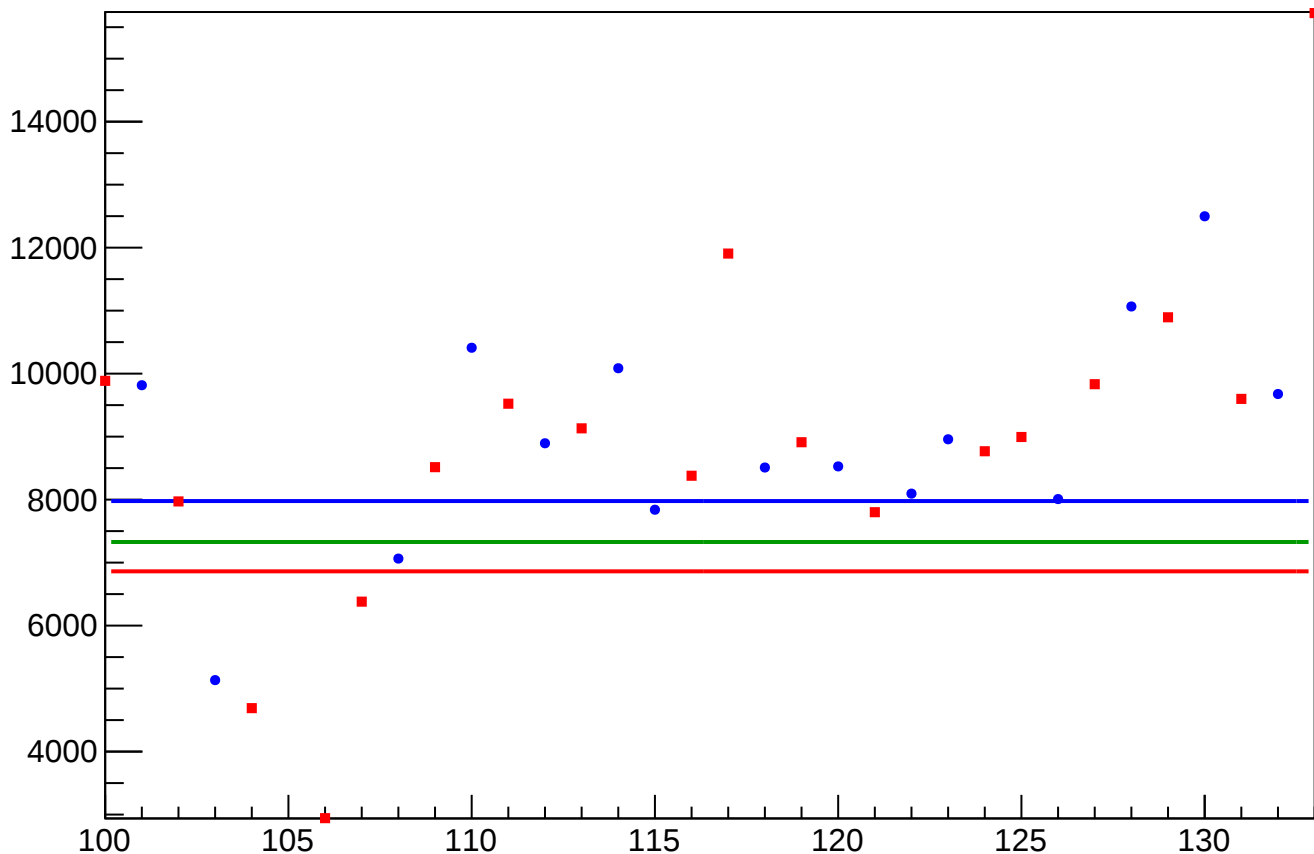
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

-3519.752+/-2252.630 χ^2 /NDF: 30.5/32

-3780.163+/-2951.064 χ^2 /NDF: 17.7/17

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: 6861.371+/-2.087 χ^2/NDF : 1761726.7/17

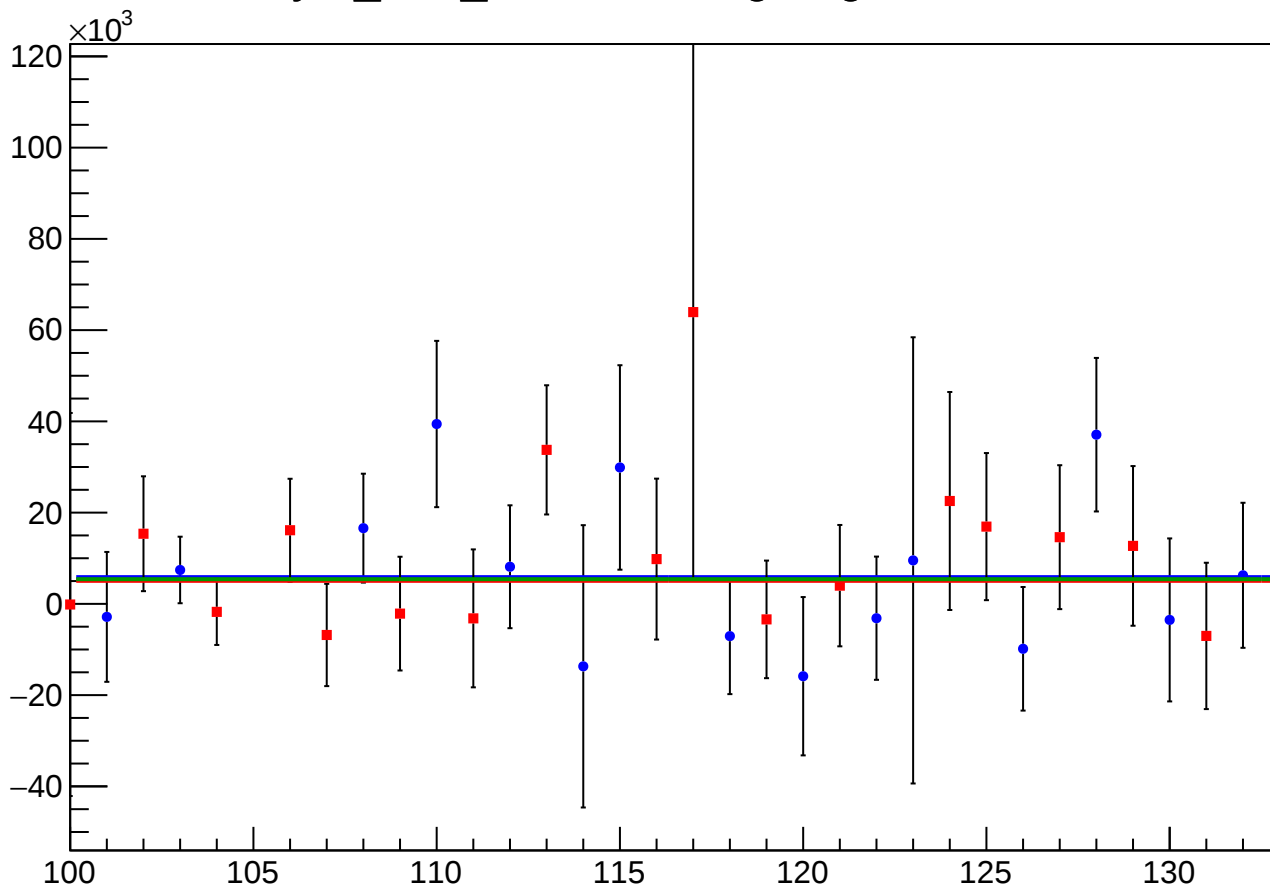
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7327.045+/-1.593 χ^2/NDF : 2579217.5/32

6861.371+/-2.087 χ^2/NDF : 1761726.7/17

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5859.602+/-3680.955 χ^2 /NDF: 14.3/14

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

Right Out: 5051.455+/-3313.775 χ^2 /NDF: 14.0/17

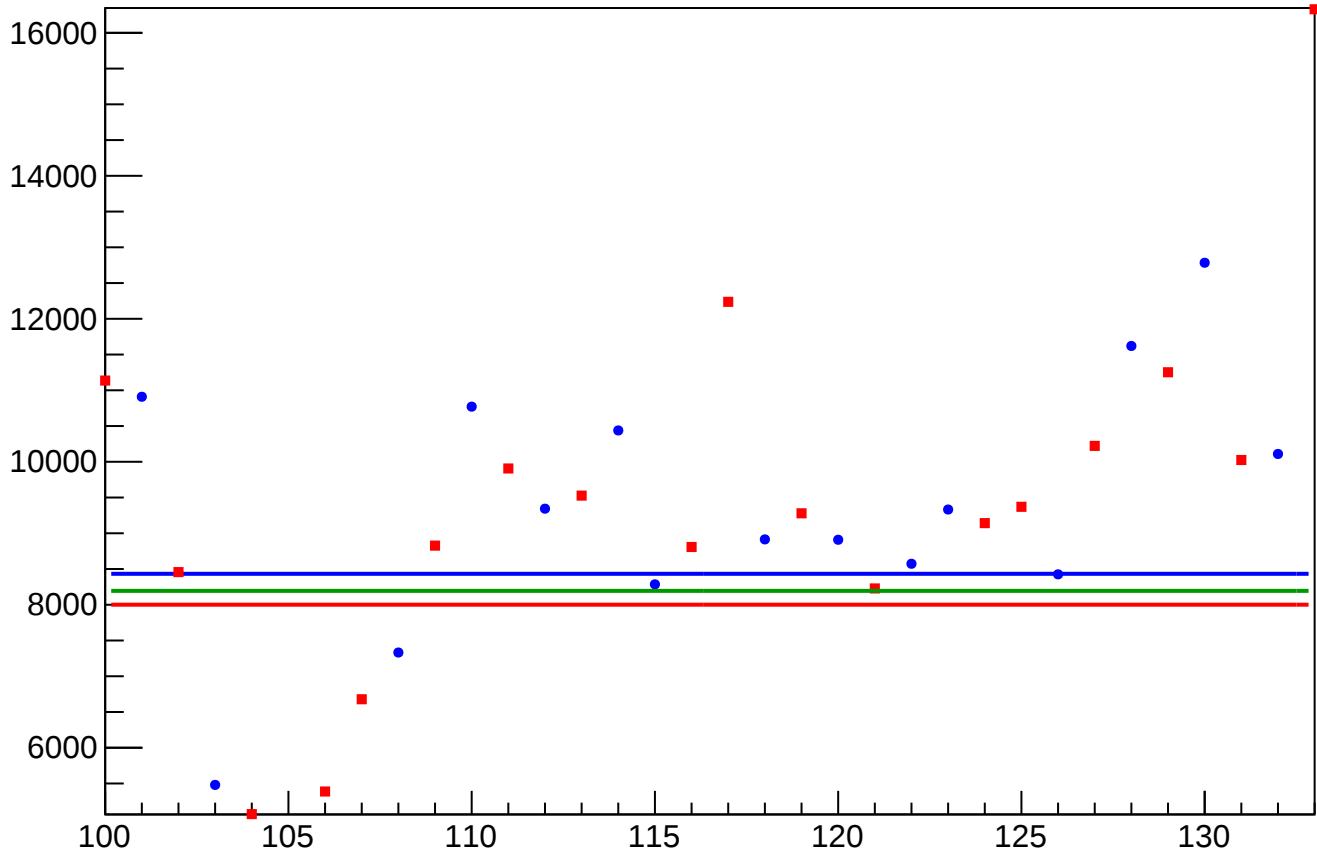
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

5859.602+/-3680.955 χ^2 /NDF: 14.3/14

5413.222+/-2462.805 χ^2 /NDF: 28.3/32

5051.455+/-3313.775 χ^2 /NDF: 14.0/17

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: 8000.936+/-2.343 χ^2/NDF : 955907.7/17

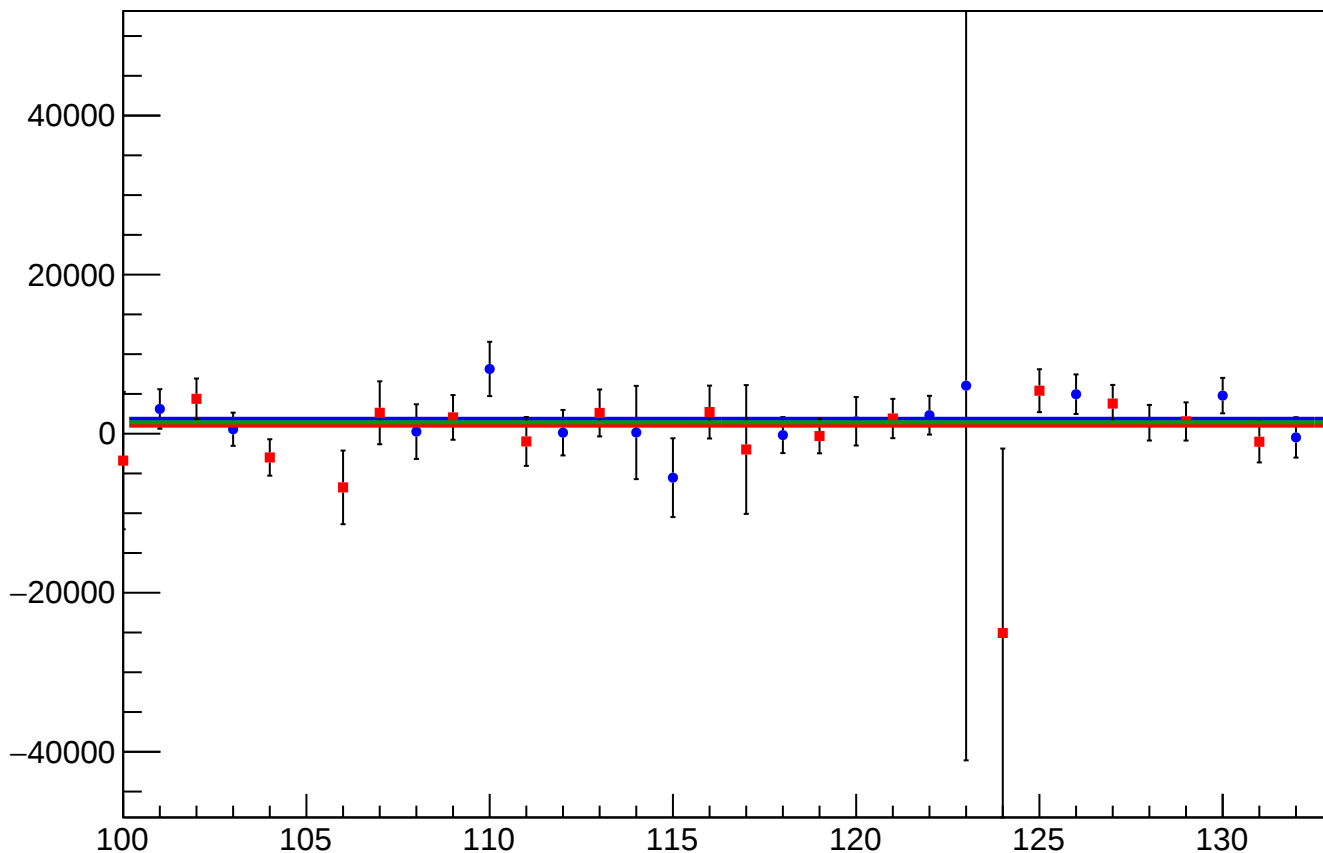
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

8194.378+/-1.741 χ^2/NDF : 1645158.8/32

8000.936+/-2.343 χ^2/NDF : 955907.7/17

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: 1008.040+/-695.864 χ^2/NDF : 16.9/17

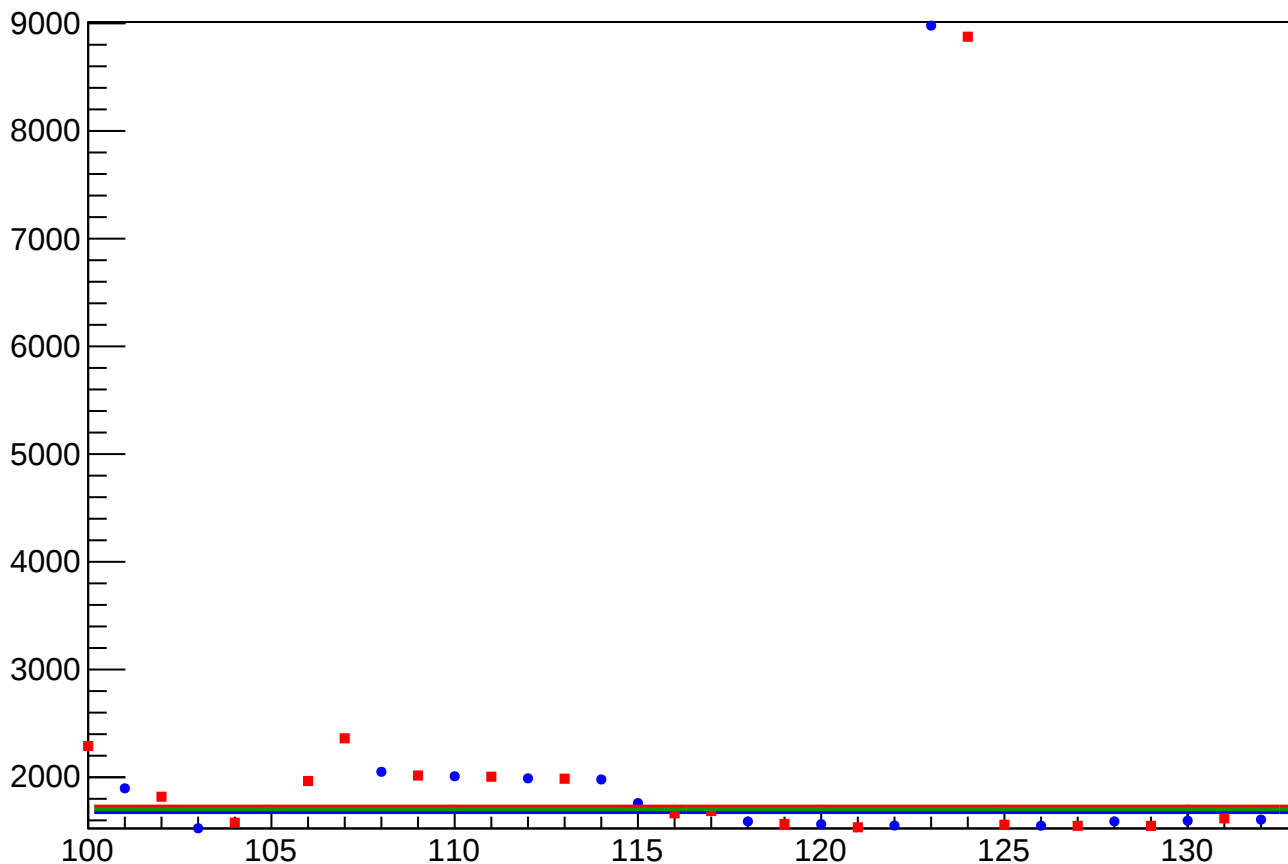
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1874.308+/-717.502 χ^2/NDF : 11.9/14

1427.915+/-499.525 χ^2/NDF : 29.6/32

1008.040+/-695.864 χ^2/NDF : 16.9/17

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: 1727.547+/-0.490 χ^2/NDF : 382911.7/17

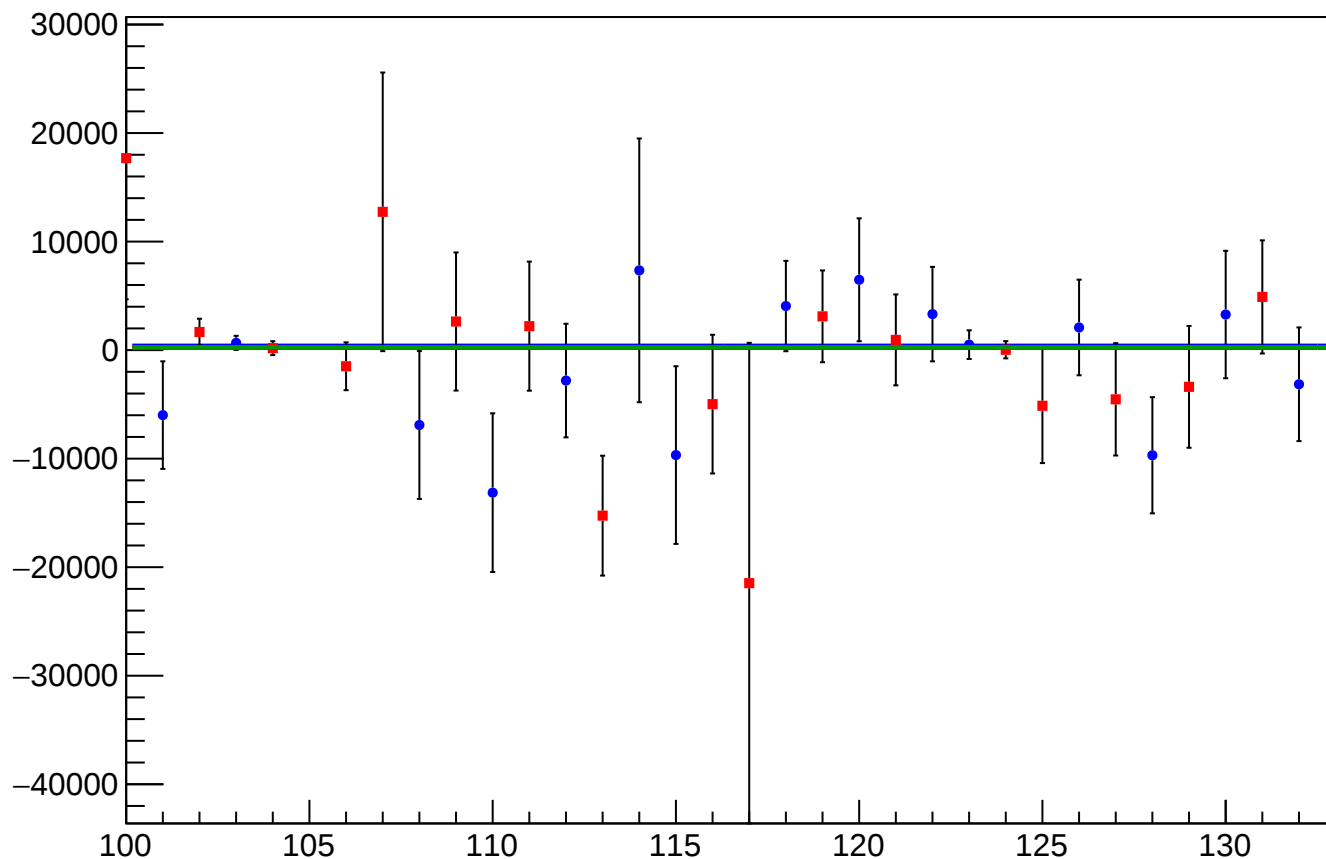
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1703.155+/-0.352 χ^2/NDF : 557930.2/32

1727.547+/-0.490 χ^2/NDF : 382911.7/17

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: 198.648+/-434.533 χ^2/NDF : 19.3/17

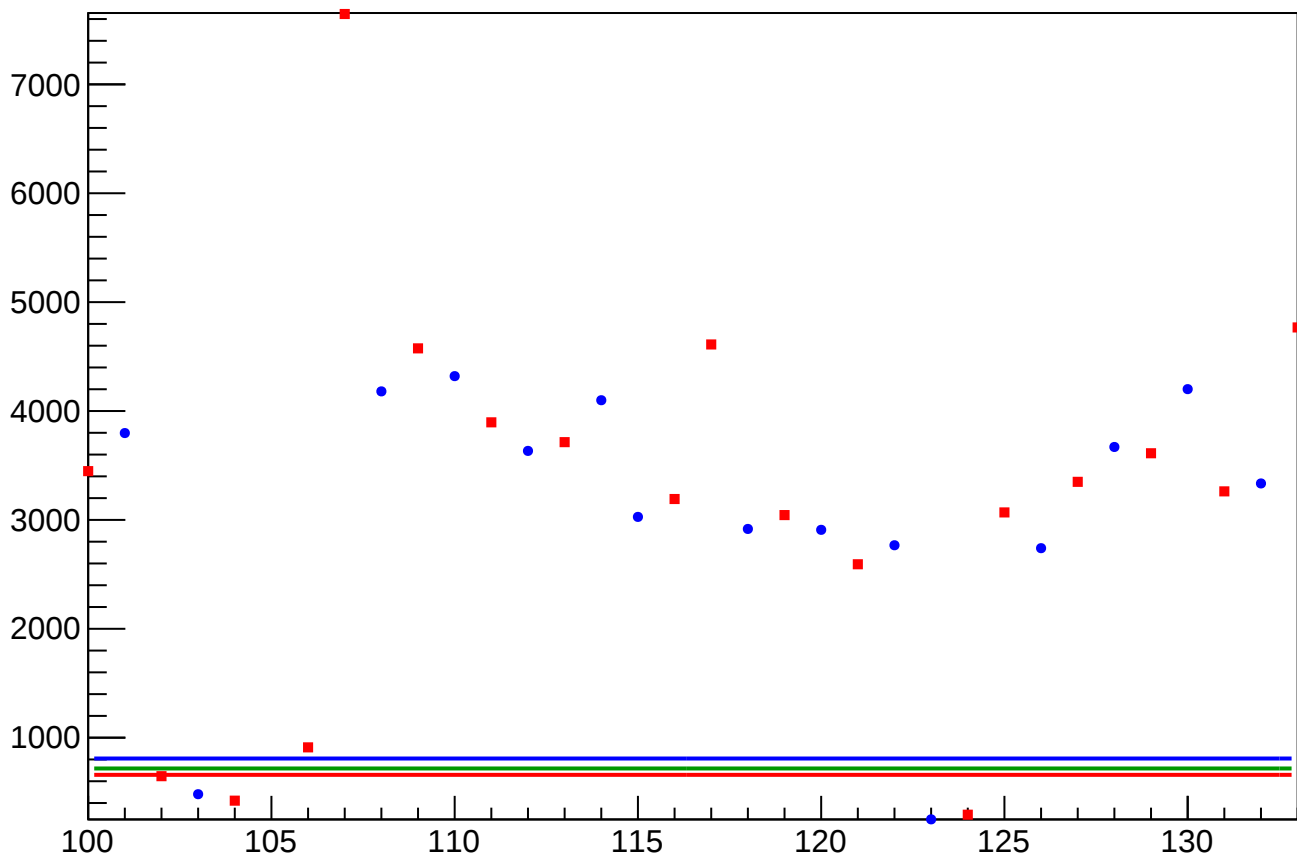
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

416.389+/-543.709 χ^2/NDF : 15.4/14

283.517+/-339.446 χ^2/NDF : 34.8/32

198.648+/-434.533 χ^2/NDF : 19.3/17

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: 658.718+/-0.307 χ^2/NDF : 7457311.3/17

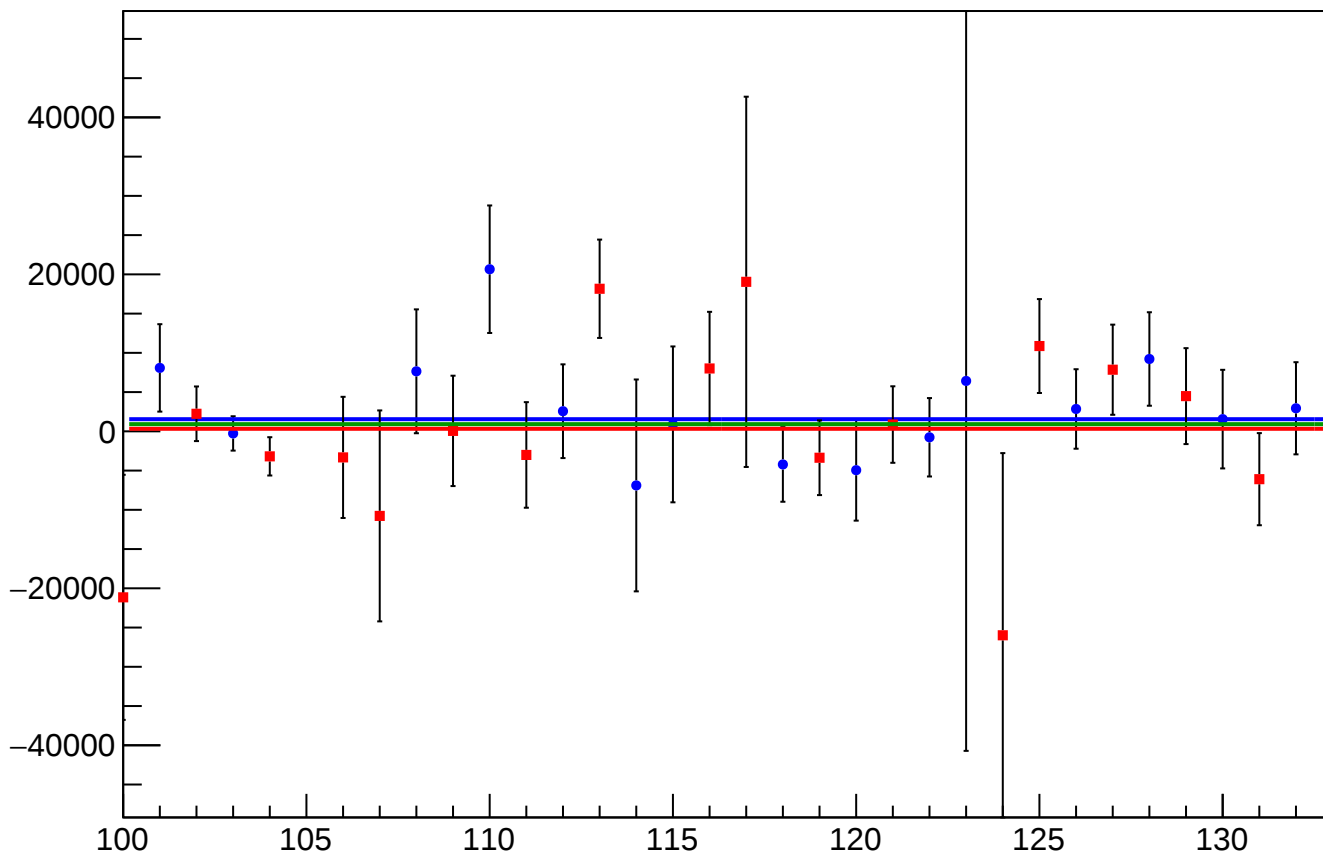
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

717.163+/-0.240 χ^2/NDF : 14256197.0/32

658.718+/-0.307 χ^2/NDF : 7457311.3/17

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: 324.324+/-1308.348 χ^2/NDF : 25.5/17

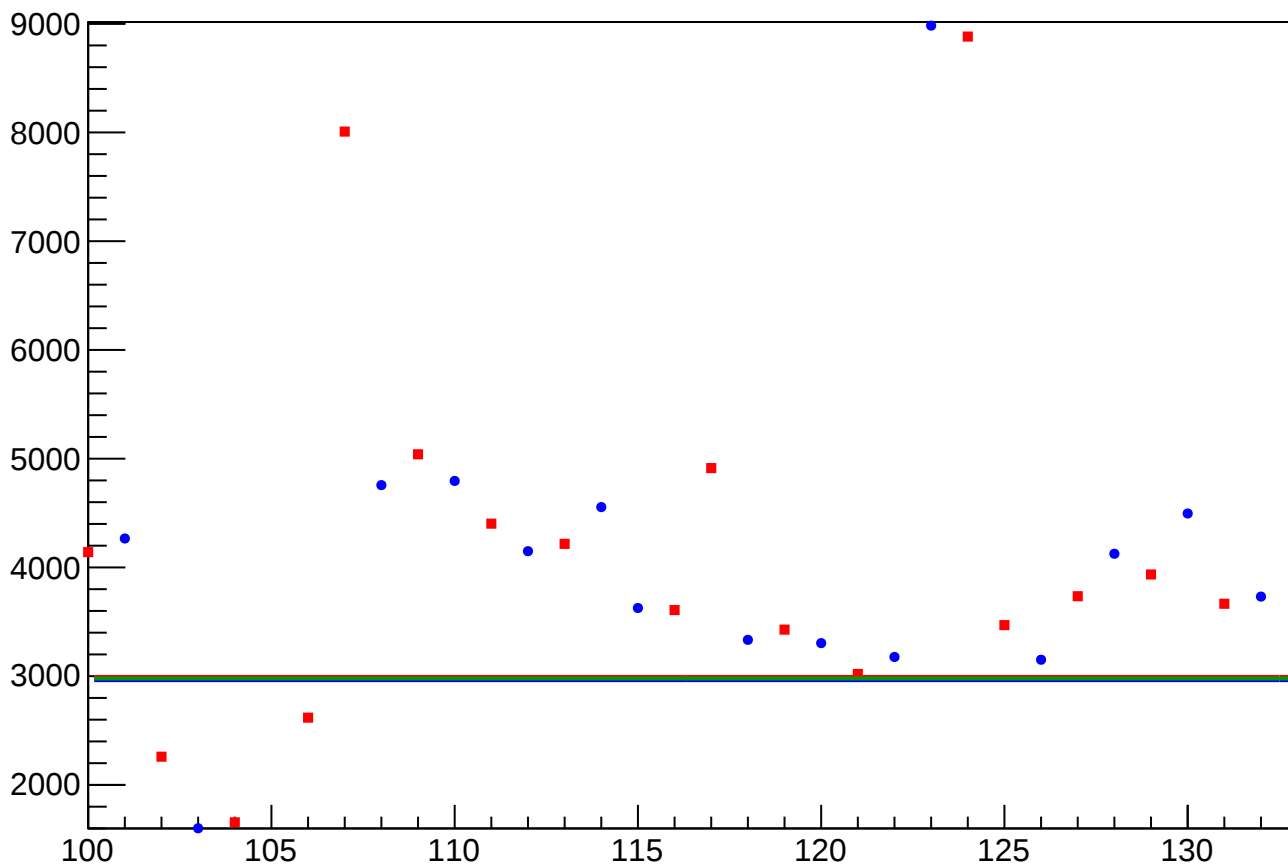
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1547.189+/-1352.809 χ^2/NDF : 13.1/14

915.331+/-940.467 χ^2/NDF : 39.1/32

324.324+/-1308.348 χ^2/NDF : 25.5/17

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: 2992.933+/-0.911 χ^2 /NDF: 1763352.8/17

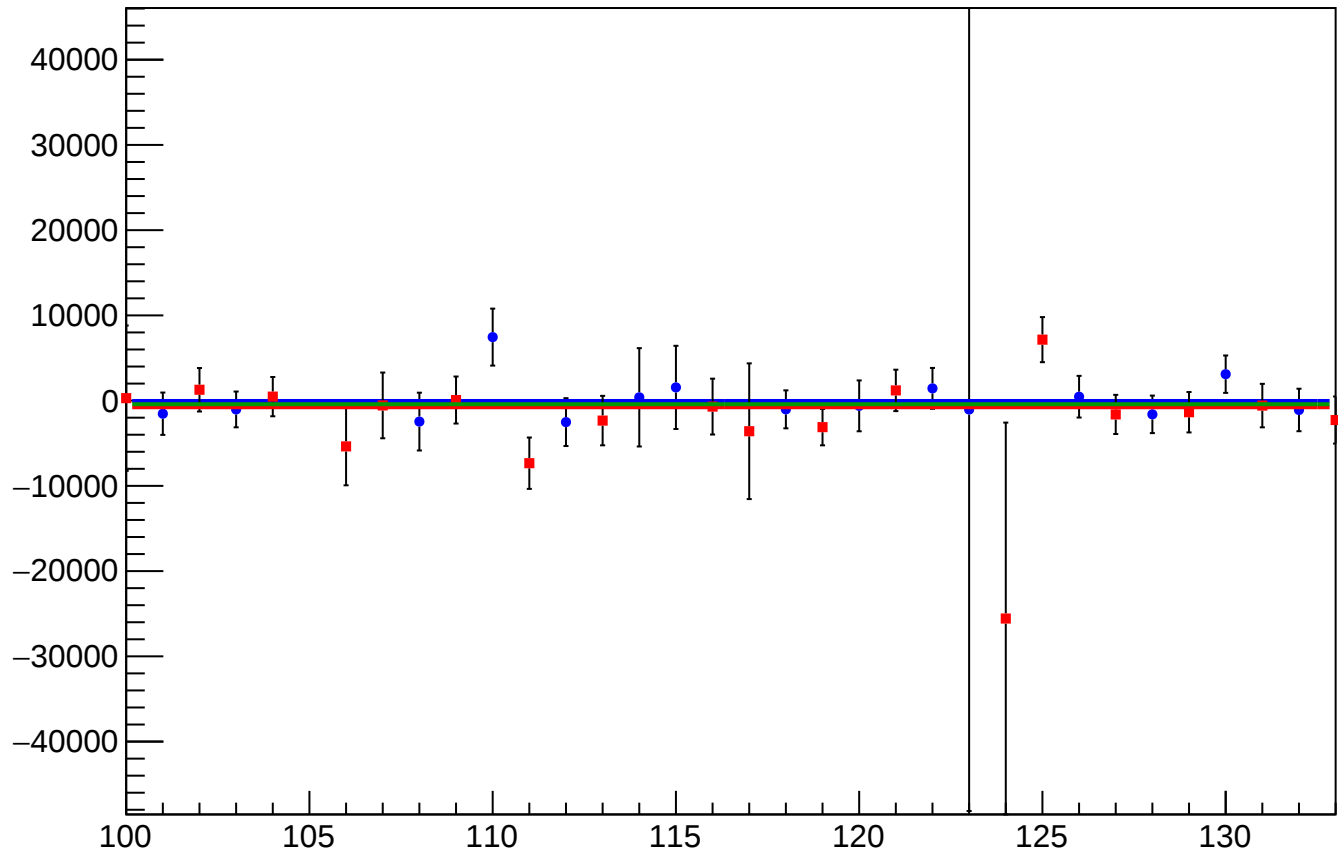
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

2978.914+/-0.660 χ^2 /NDF: 3254939.7/32

2992.933+/-0.911 χ^2 /NDF: 1763352.8/17

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: -775.198 ± 685.808 χ^2/NDF : 19.7/17

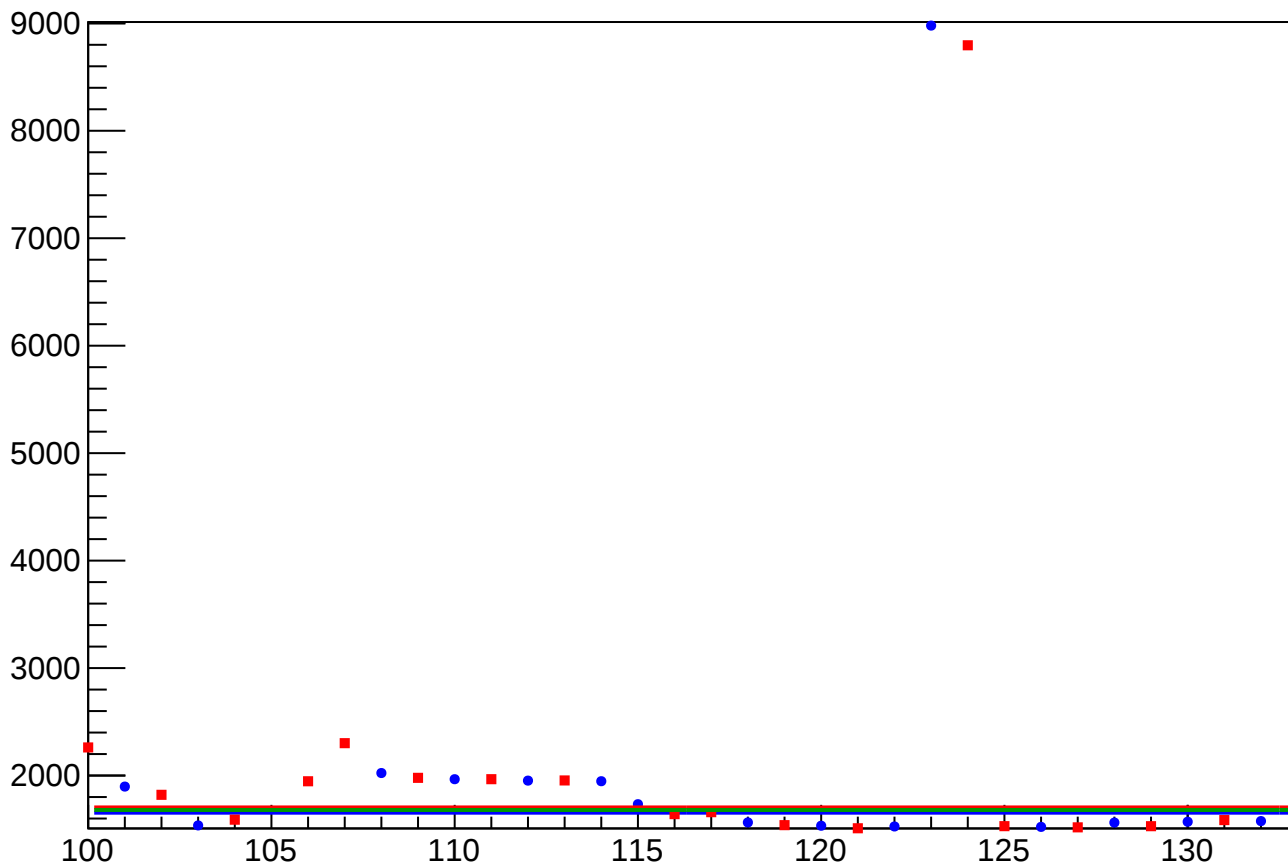
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.734 ± 707.923 χ^2/NDF : 10.4/14

-420.102 ± 492.573 χ^2/NDF : 30.7/32

-775.198 ± 685.808 χ^2/NDF : 19.7/17

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: 1703.121+/-0.483 χ^2 /NDF: 380098.7/17

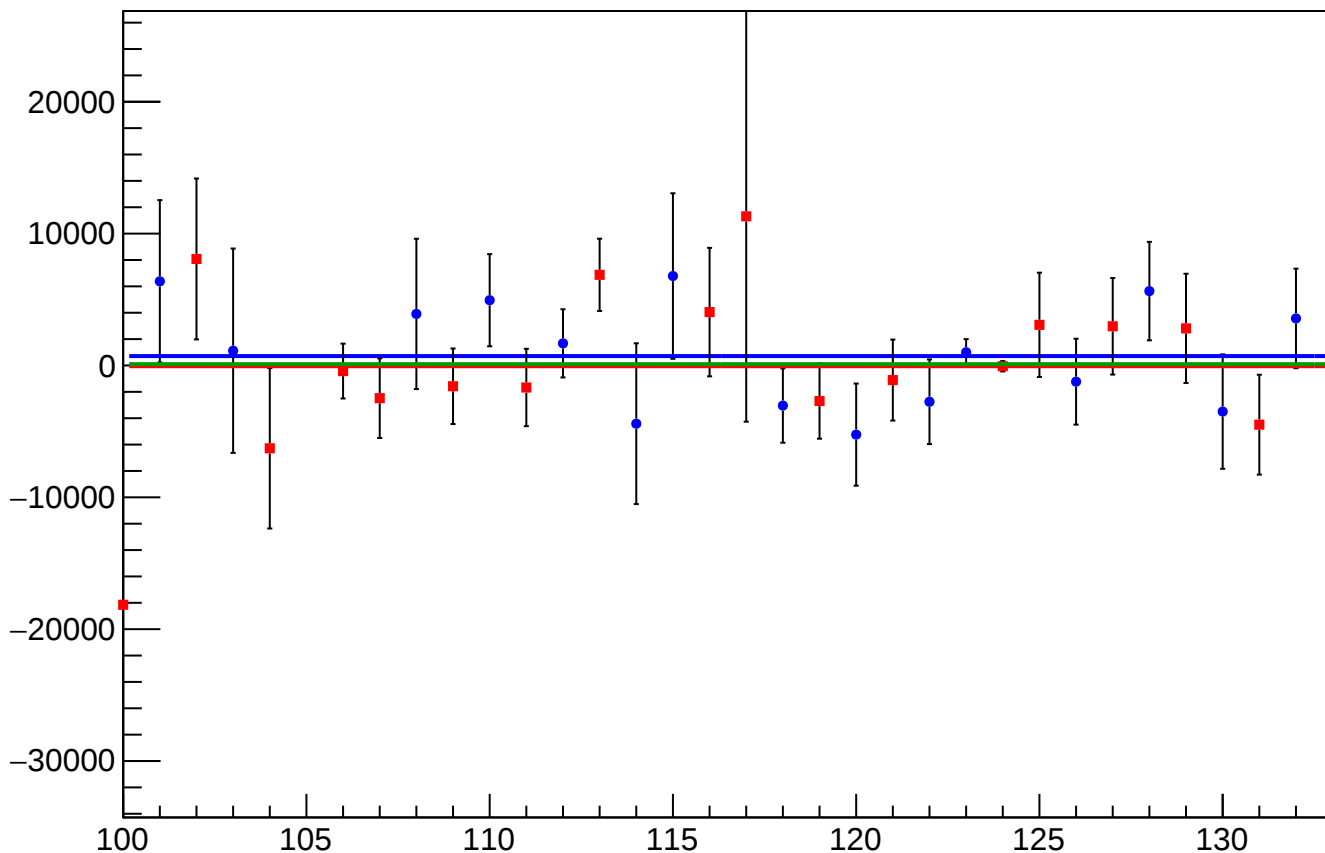
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

1679.714+/-0.347 χ^2 /NDF: 554858.4/32

1703.121+/-0.483 χ^2 /NDF: 380098.7/17

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 712.006 $\pm$ 716.003 χ^2 /NDF: 13.4/14

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

Right Out: -55.123 $\pm$ 357.925 χ^2 /NDF: 18.8/17

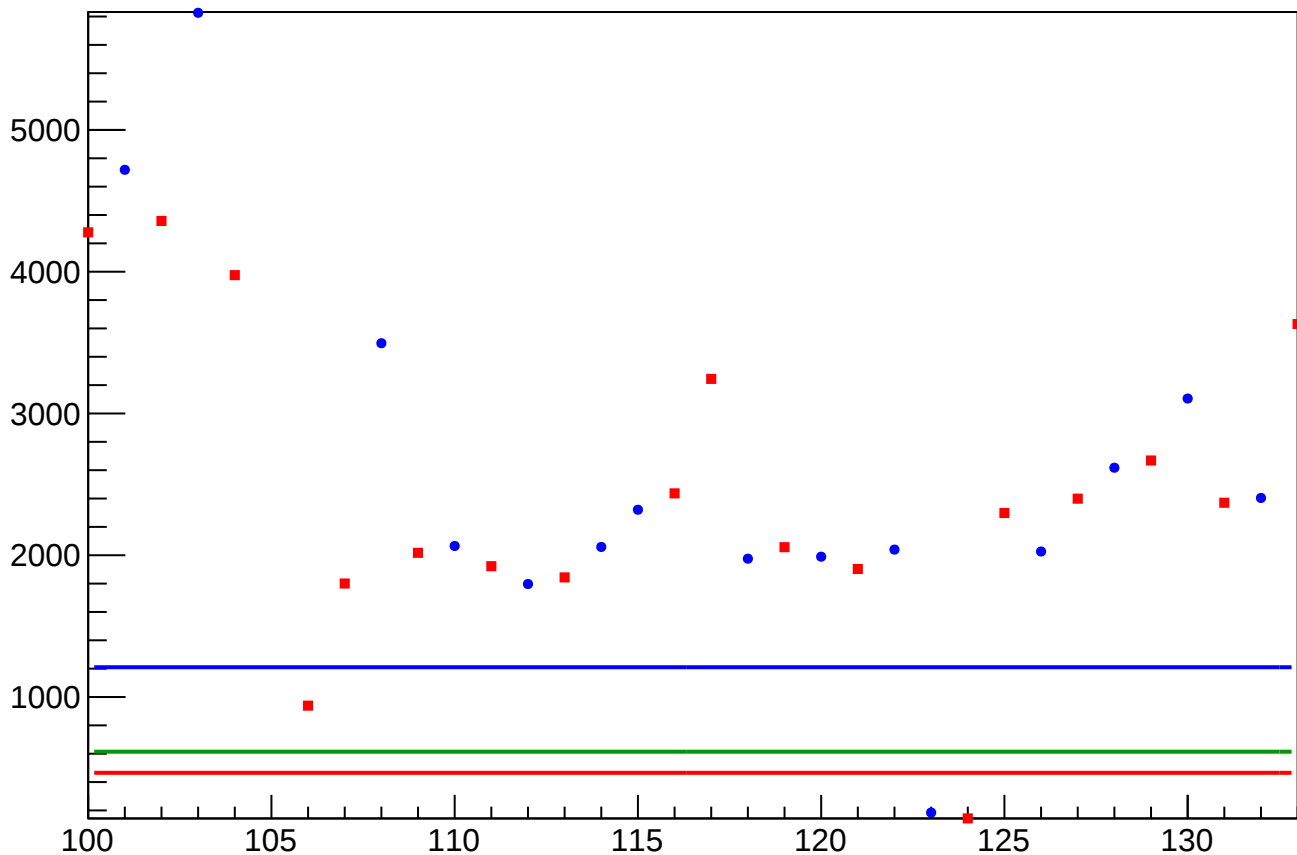
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

712.006 $\pm$ 716.003 χ^2 /NDF: 13.4/14

98.250 $\pm$ 320.151 χ^2 /NDF: 33.1/32

-55.123 $\pm$ 357.925 χ^2 /NDF: 18.8/17

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: 465.342+/-0.253 χ^2/NDF : 9167715.0/17

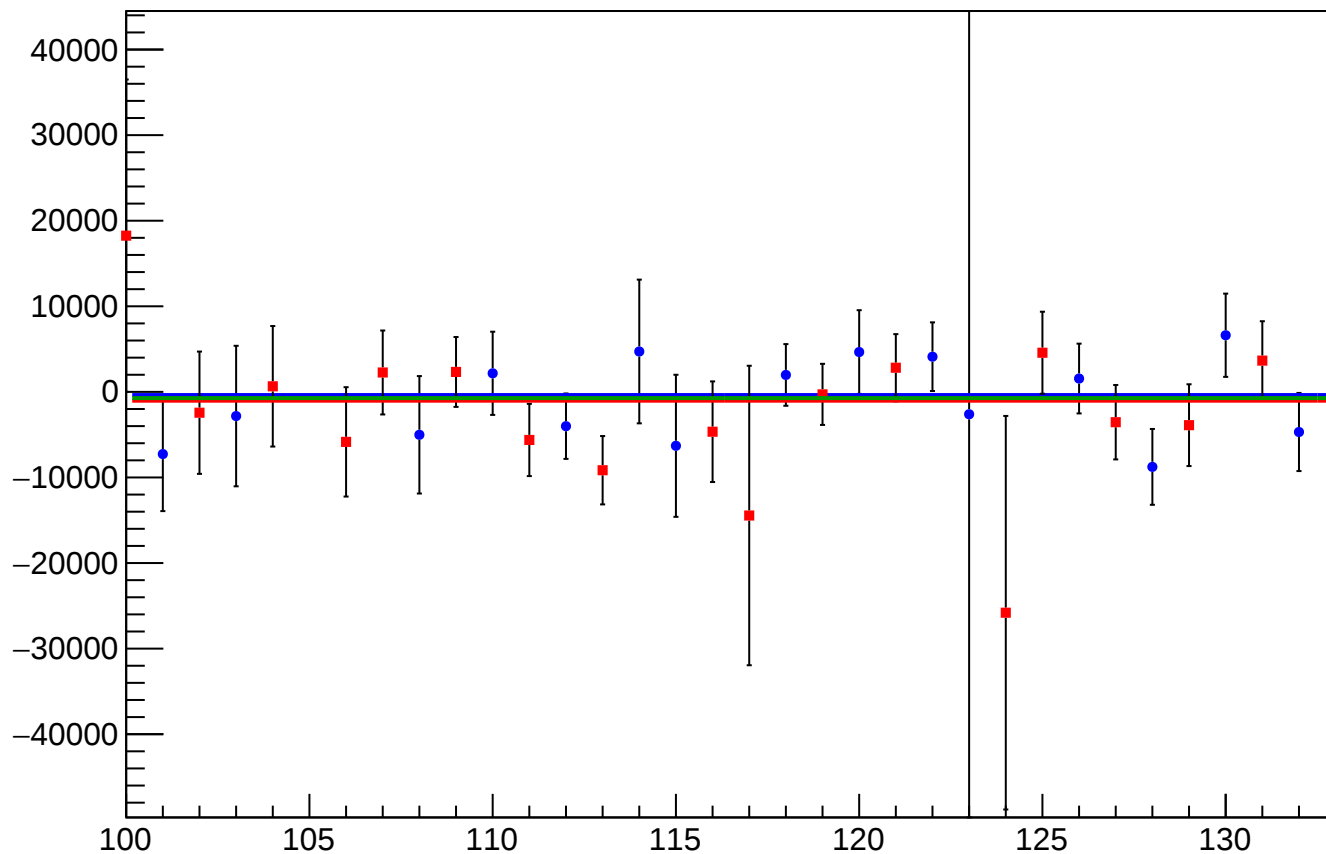
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

614.242+/-0.226 χ^2/NDF : 16390479.6/32

465.342+/-0.253 χ^2/NDF : 9167715.0/17

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: -1028.420+/-1214.197 χ^2/NDF : 15.5/17

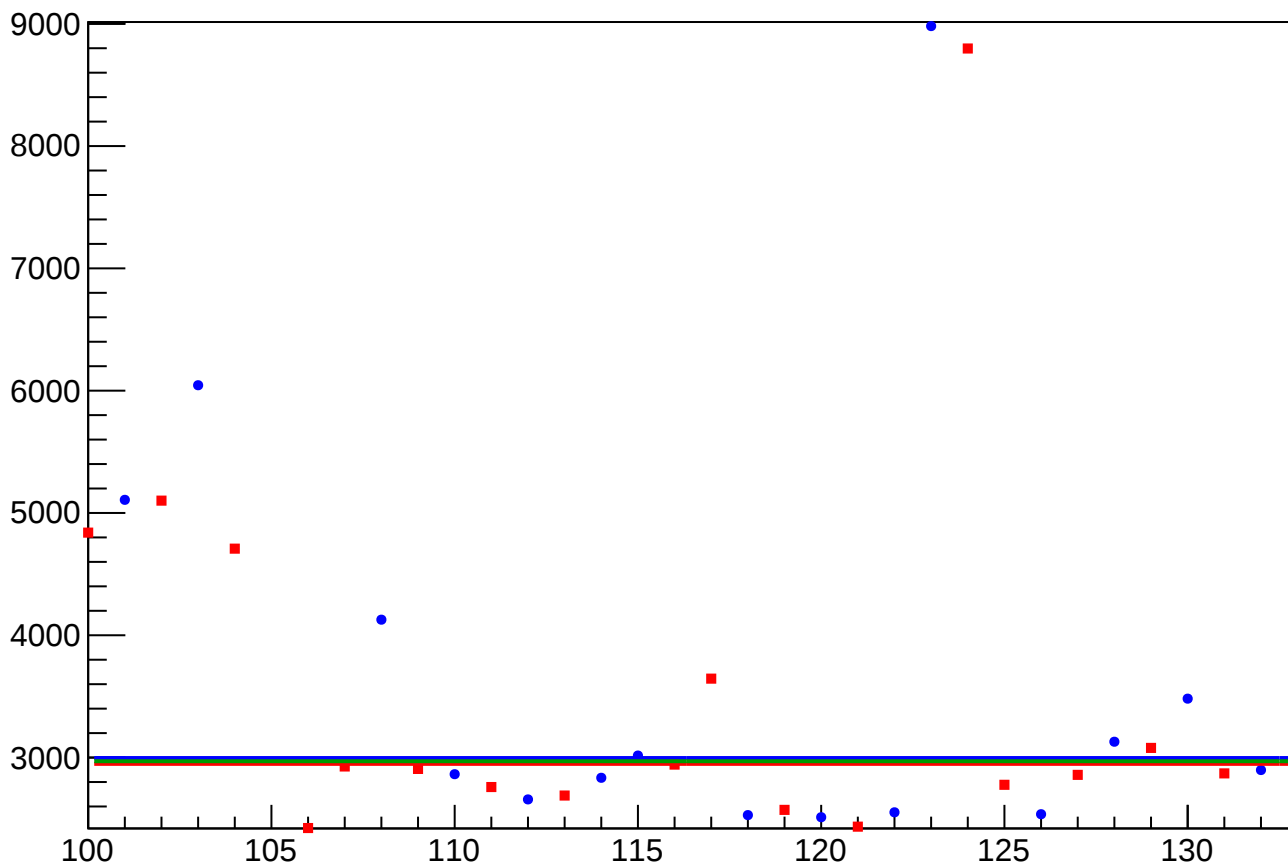
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-371.056+/-1312.097 χ^2/NDF : 13.2/14

-725.174+/-891.170 χ^2/NDF : 28.8/32

-1028.420+/-1214.197 χ^2/NDF : 15.5/17

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: 2948.555+/-0.847 χ^2/NDF : 623767.0/17

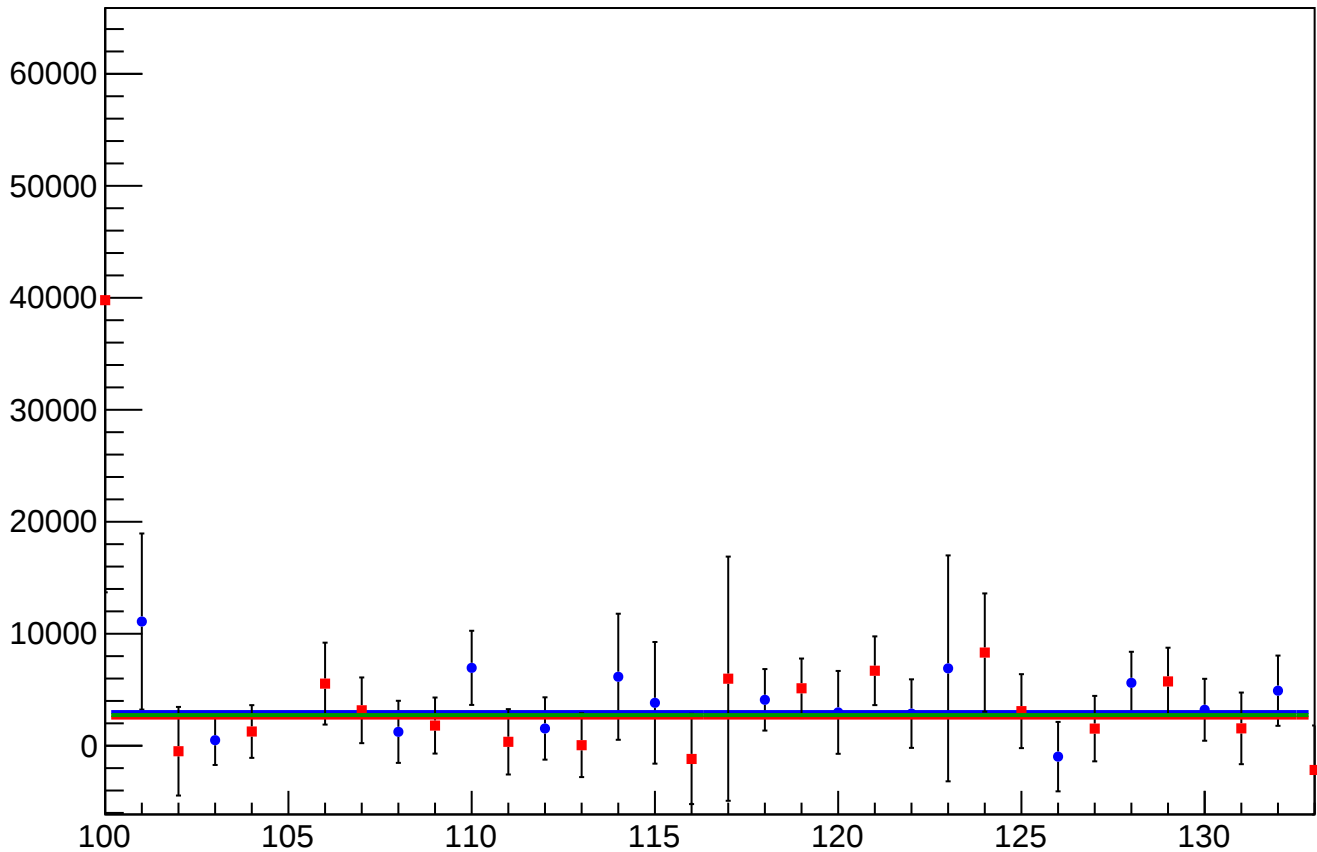
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2970.175+/-0.626 χ^2/NDF : 1331803.2/32

2948.555+/-0.847 χ^2/NDF : 623767.0/17

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3006.986+/-837.778 χ^2/NDF : 8.0/14

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

Right Out: 2511.957+/-773.606 χ^2/NDF : 12.8/17

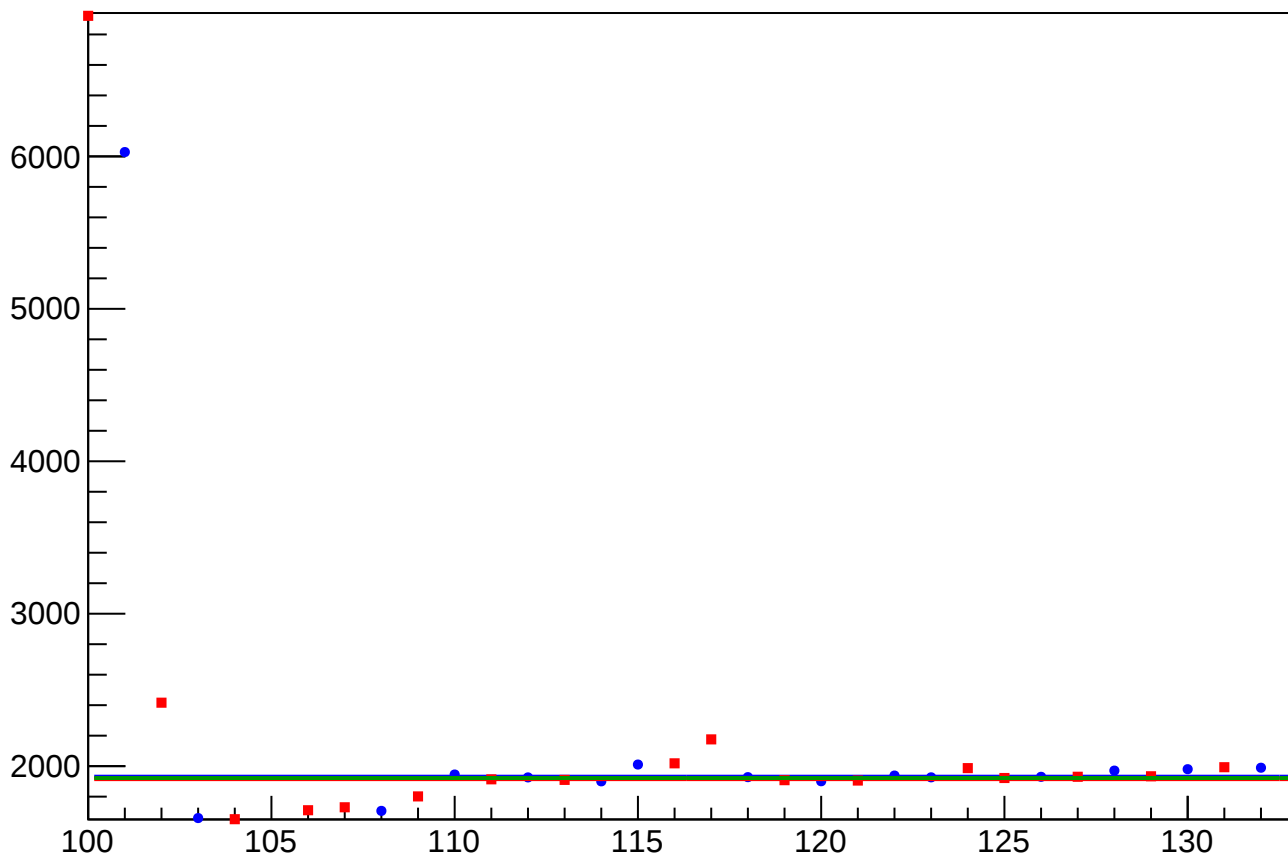
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3006.986+/-837.778 χ^2/NDF : 8.0/14

2739.789+/-568.356 χ^2/NDF : 21.0/32

2511.957+/-773.606 χ^2/NDF : 12.8/17

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1930.780+/-0.592 χ^2/NDF : 588708.9/14

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

Right Out: 1914.958+/-0.546 χ^2/NDF : 215302.6/17

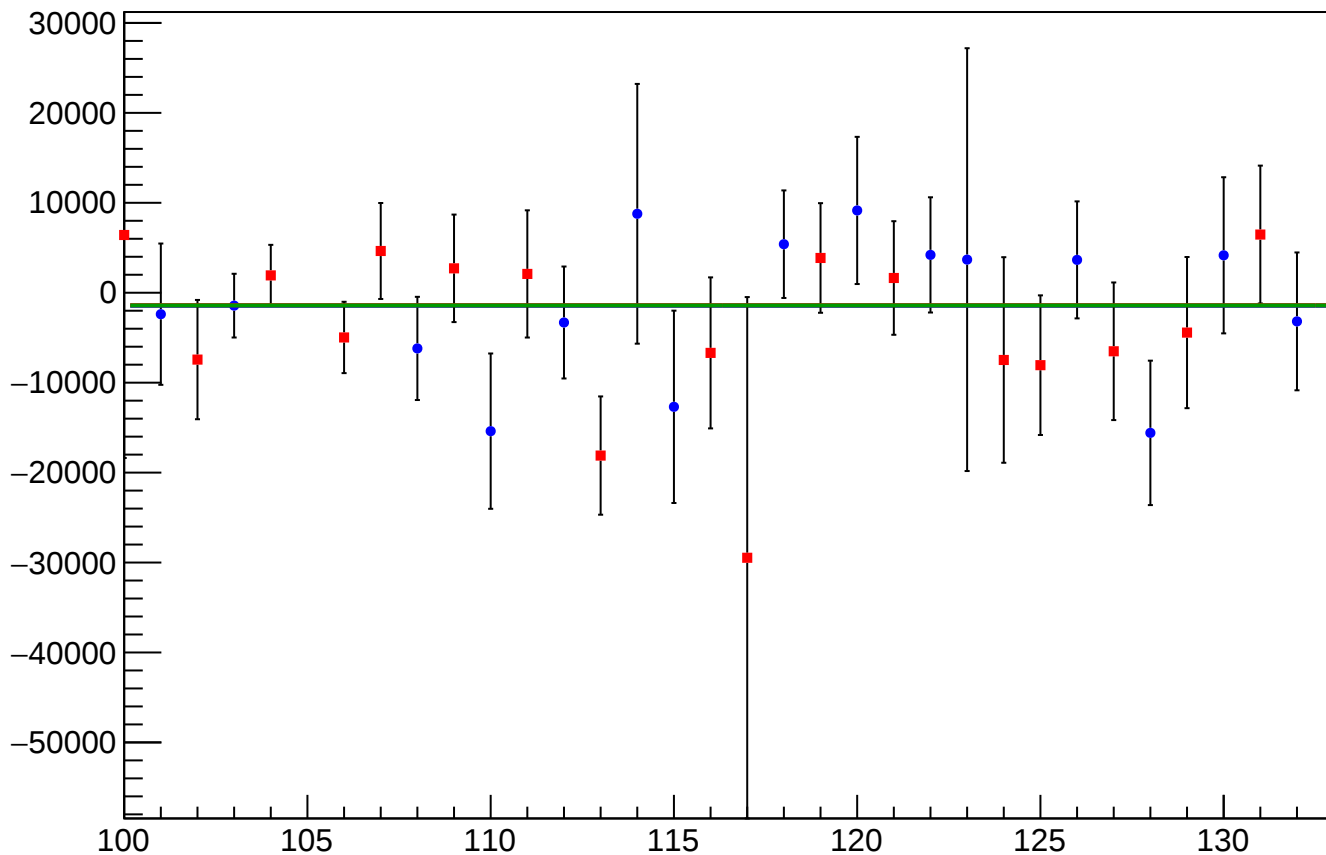
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1930.780+/-0.592 χ^2/NDF : 588708.9/14

1922.220+/-0.401 χ^2/NDF : 804397.3/32

1914.958+/-0.546 χ^2/NDF : 215302.6/17

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: -1383.708+/-1528.929 χ^2 /NDF: 17.6/17

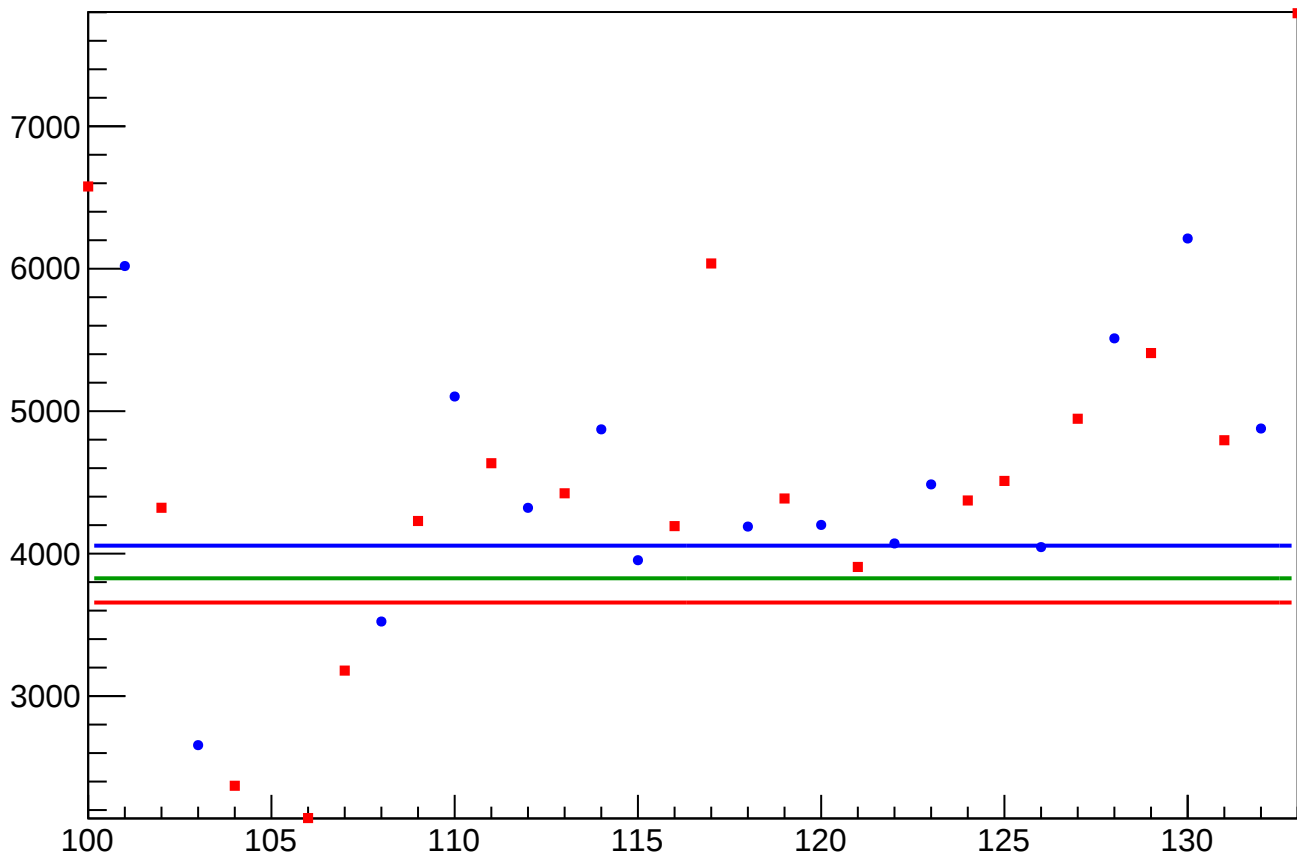
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

-1410.513+/-1158.313 χ^2 /NDF: 30.6/32

-1383.708+/-1528.929 χ^2 /NDF: 17.6/17

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4056.001+/-1.255 χ^2/NDF : 708622.9/14

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

Right Out: 3656.763+/-1.081 χ^2/NDF : 1239535.8/17

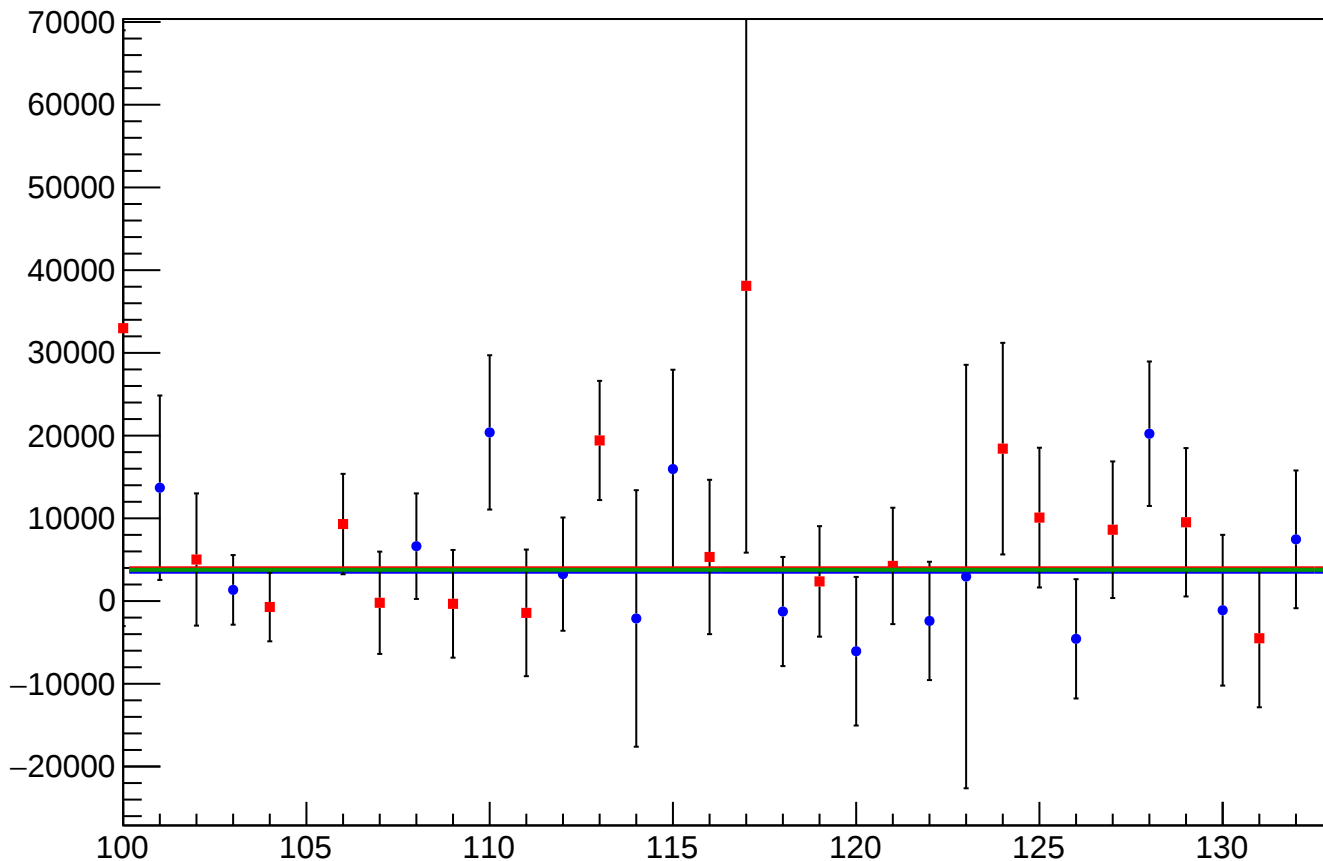
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4056.001+/-1.255 χ^2/NDF : 708622.9/14

3826.857+/-0.819 χ^2/NDF : 2006258.6/32

3656.763+/-1.081 χ^2/NDF : 1239535.8/17

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: 3964.042+/-1794.115 χ^2/NDF : 15.6/17

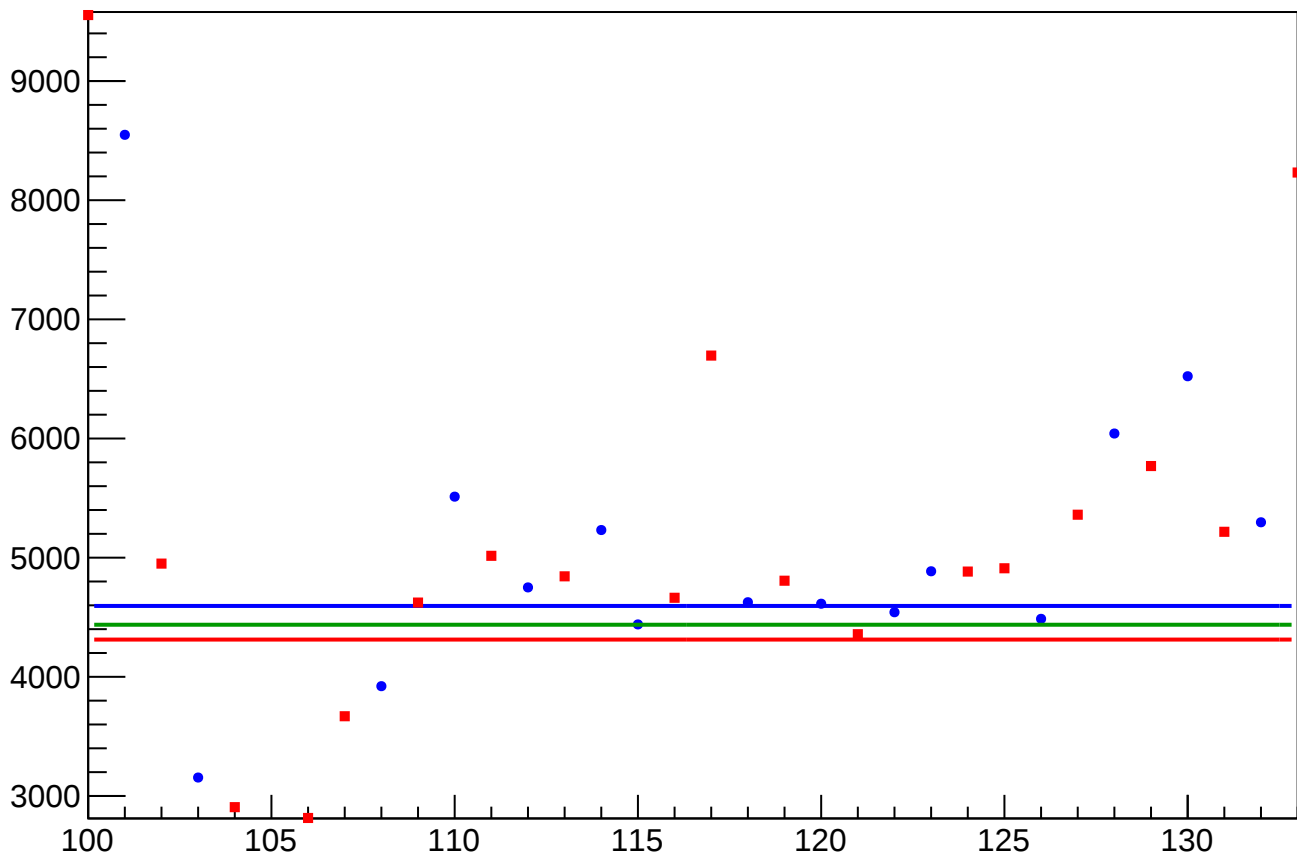
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3546.627+/-2006.973 χ^2/NDF : 13.6/14

3778.636+/-1337.577 χ^2/NDF : 29.2/32

3964.042+/-1794.115 χ^2/NDF : 15.6/17

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: 4312.616 $\pm$ 1.261 χ^2 /NDF: 818941.7/17

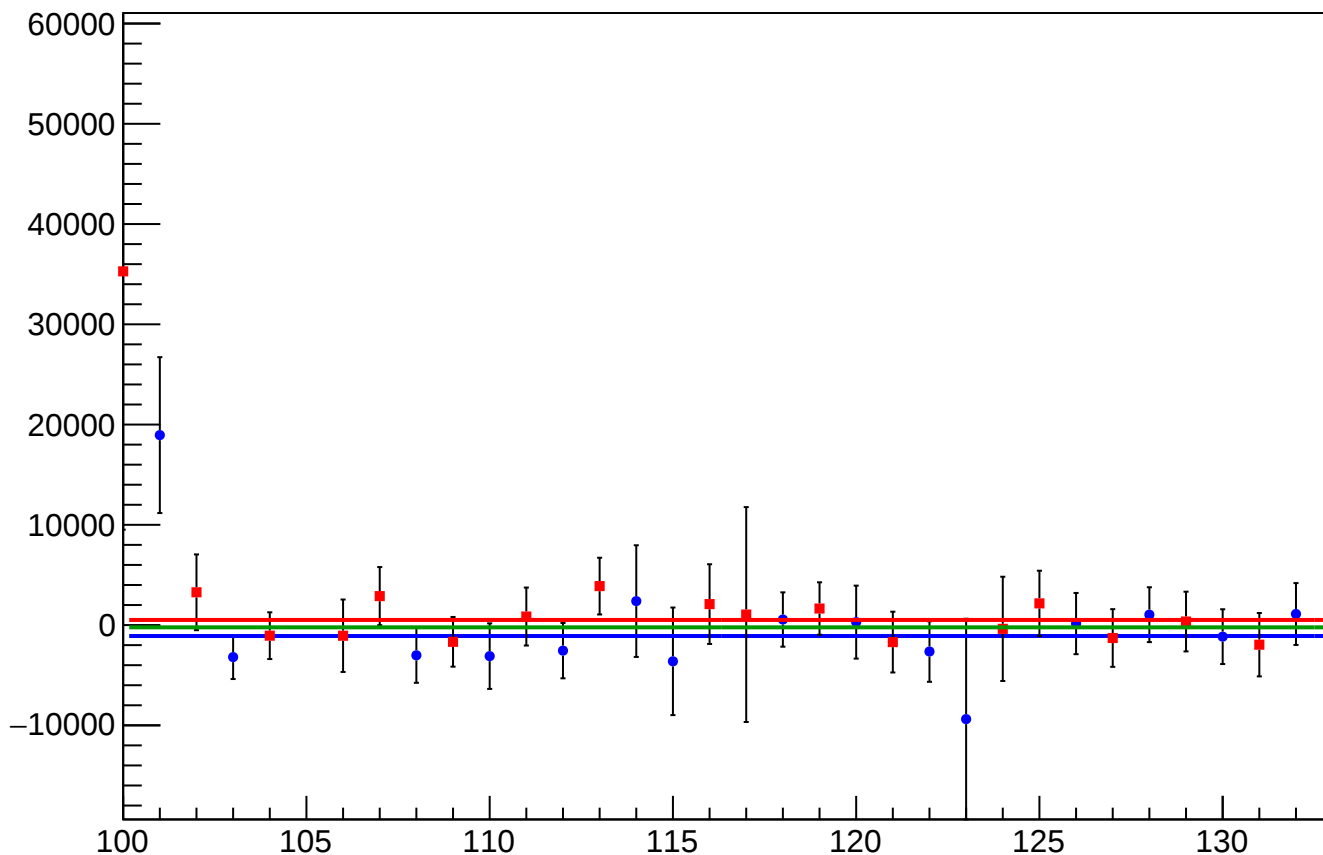
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

4437.121 $\pm$ 0.943 χ^2 /NDF: 1532712.0/32

4312.616 $\pm$ 1.261 χ^2 /NDF: 818941.7/17

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: 513.220+/-763.644 χ^2/NDF : 8.2/17

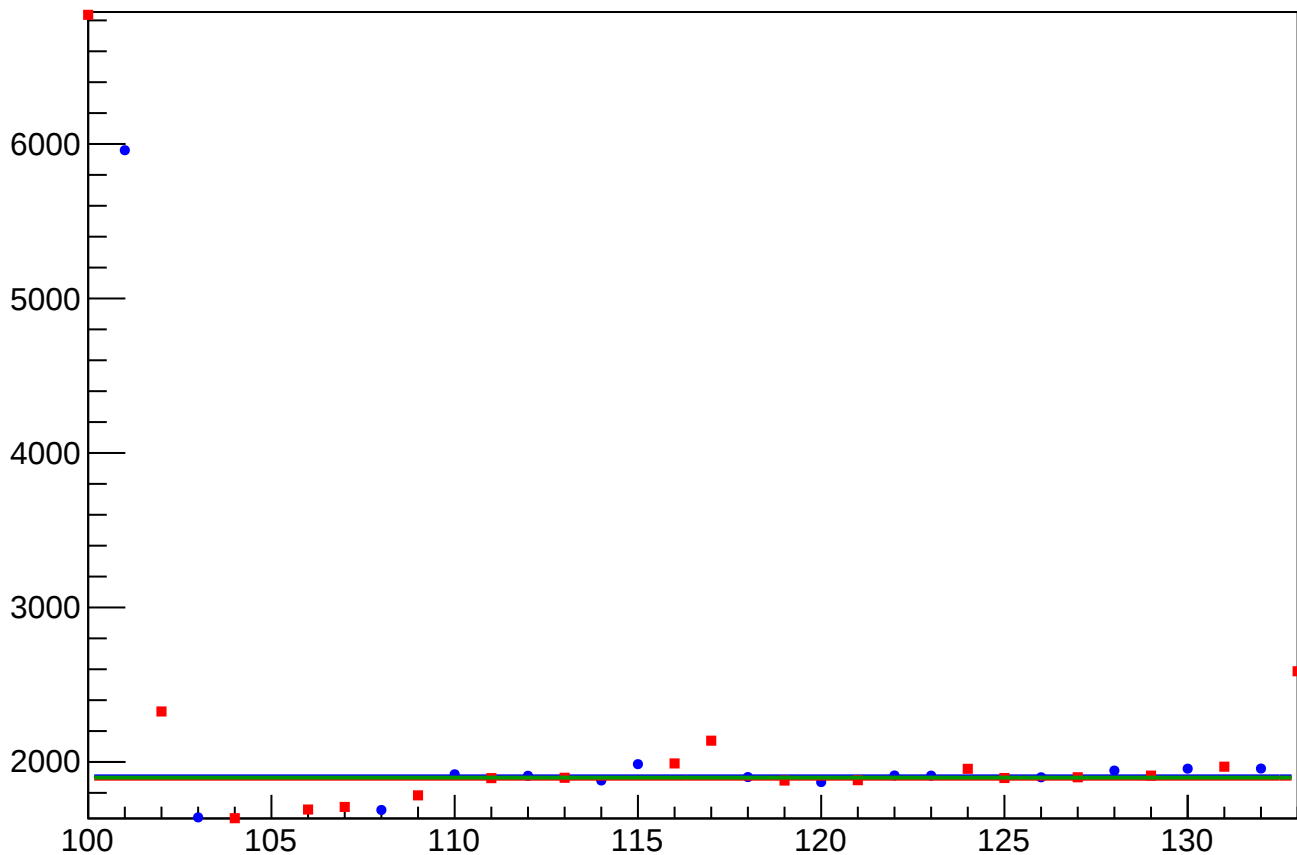
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1090.584+/-827.402 χ^2/NDF : 12.1/14

-224.515+/-561.166 χ^2/NDF : 22.3/32

513.220+/-763.644 χ^2/NDF : 8.2/17

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: 1891.820+/-0.539 χ^2/NDF : 209155.4/17

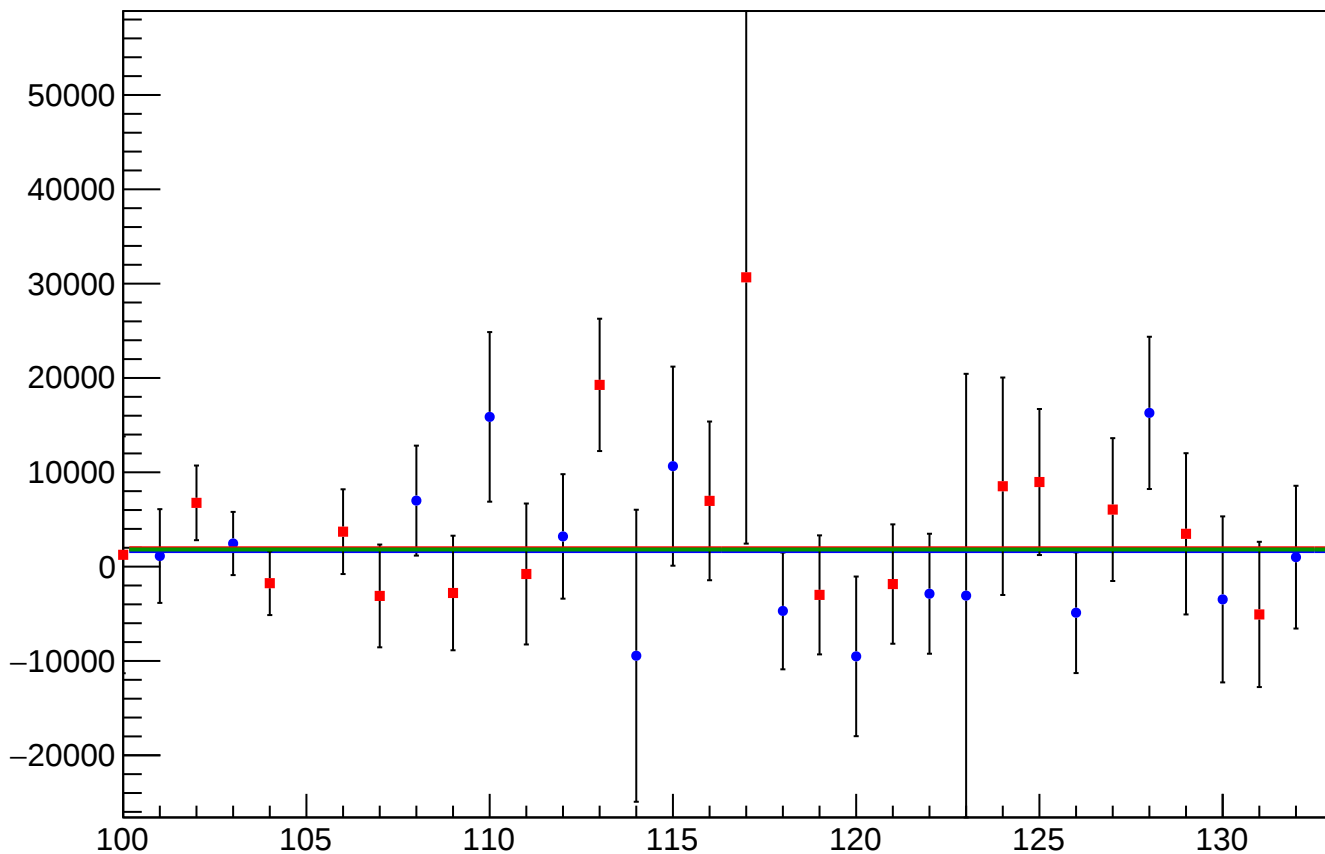
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1898.731+/-0.396 χ^2/NDF : 797497.4/32

1891.820+/-0.539 χ^2/NDF : 209155.4/17

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: 1945.355+/-1489.483 χ^2/NDF : 16.7/17

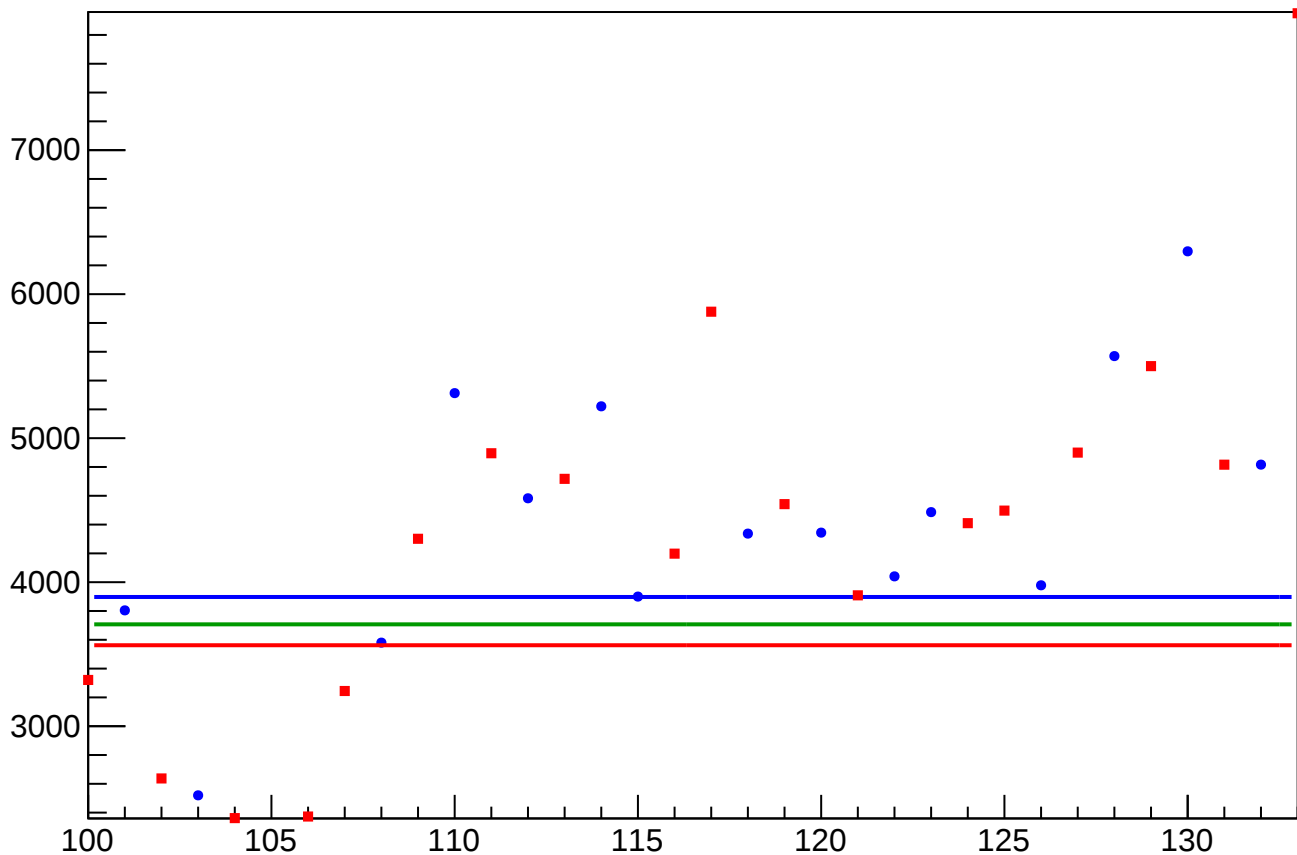
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1648.864+/-1704.374 χ^2/NDF : 12.7/14

1816.969+/-1121.551 χ^2/NDF : 29.4/32

1945.355+/-1489.483 χ^2/NDF : 16.7/17

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: 3562.186+/-1.053 χ^2/NDF : 1254635.9/17

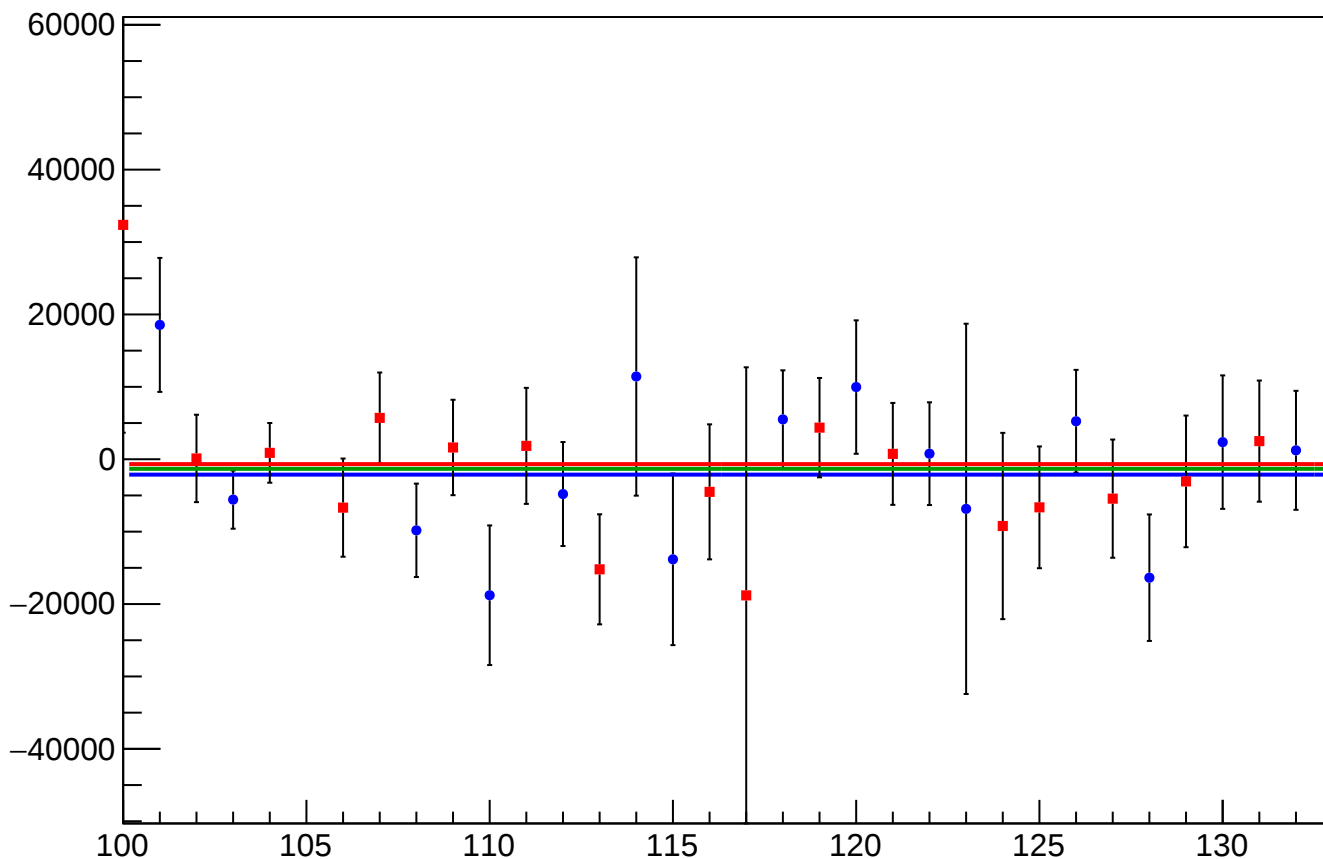
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

3707.301+/-0.793 χ^2/NDF : 2011375.3/32

3562.186+/-1.053 χ^2/NDF : 1254635.9/17

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2124.376+/-1987.977 χ^2 /NDF: 19.3/14

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

Right Out: -672.556+/-1789.684 χ^2 /NDF: 11.2/17

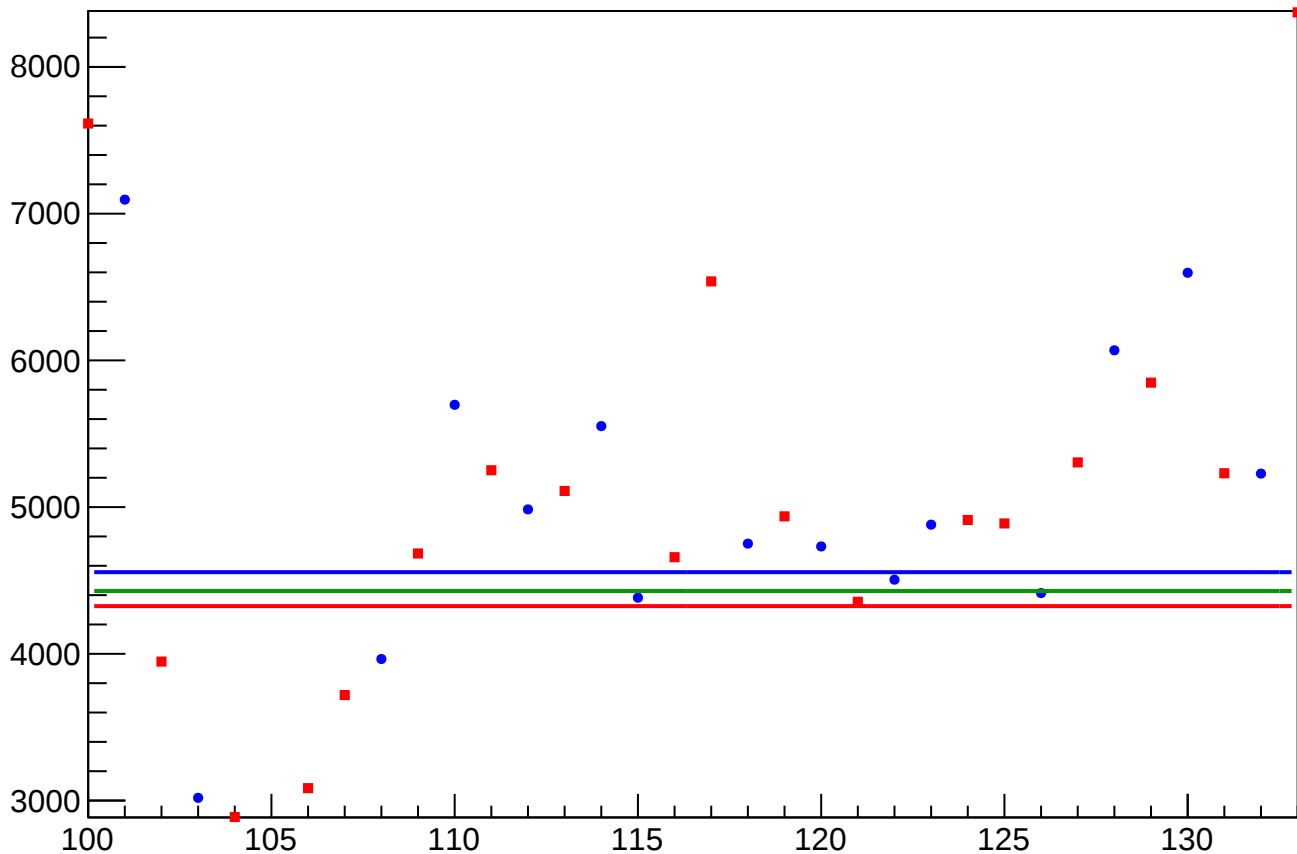
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2124.376+/-1987.977 χ^2 /NDF: 19.3/14

-1322.468+/-1330.094 χ^2 /NDF: 30.7/32

-672.556+/-1789.684 χ^2 /NDF: 11.2/17

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: 4325.266+/-1.258 χ^2/NDF : 778737.4/17

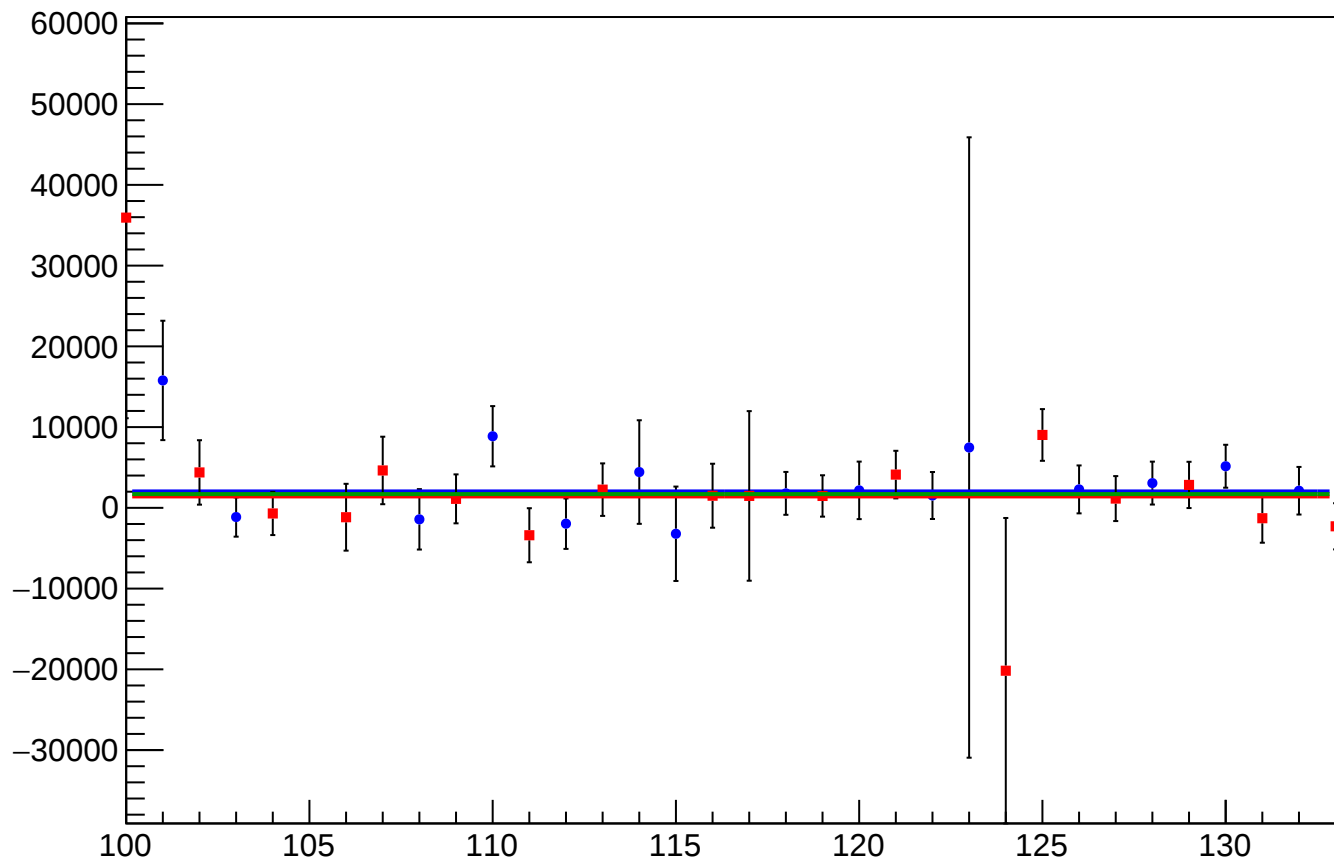
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

4428.071+/-0.937 χ^2/NDF : 1471747.4/32

4325.266+/-1.258 χ^2/NDF : 778737.4/17

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: 1414.426+/-807.213 χ^2/NDF : 16.7/17

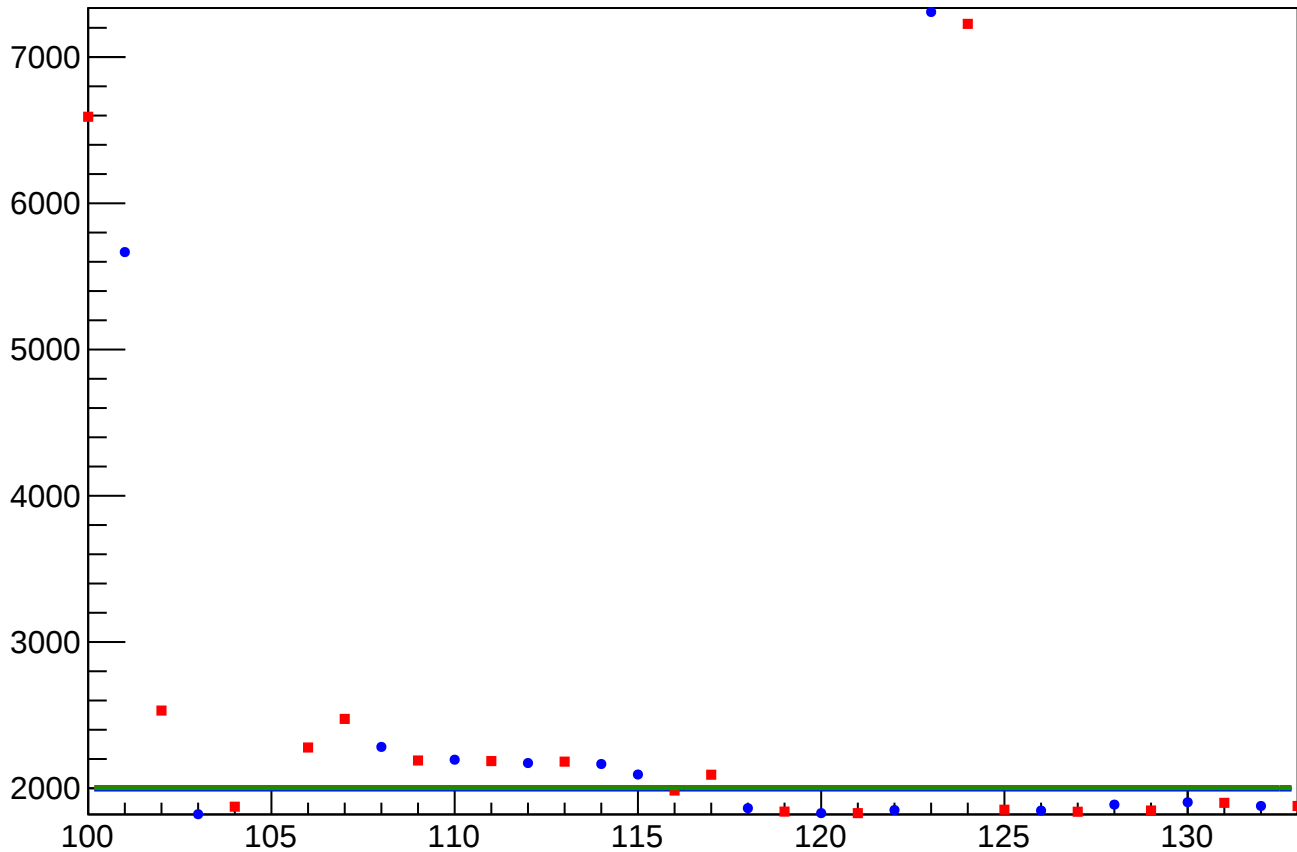
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2033.049+/-864.495 χ^2/NDF : 13.5/14

1702.565+/-589.998 χ^2/NDF : 30.6/32

1414.426+/-807.213 χ^2/NDF : 16.7/17

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: 2008.081+/-0.571 χ^2/NDF : 352667.6/17

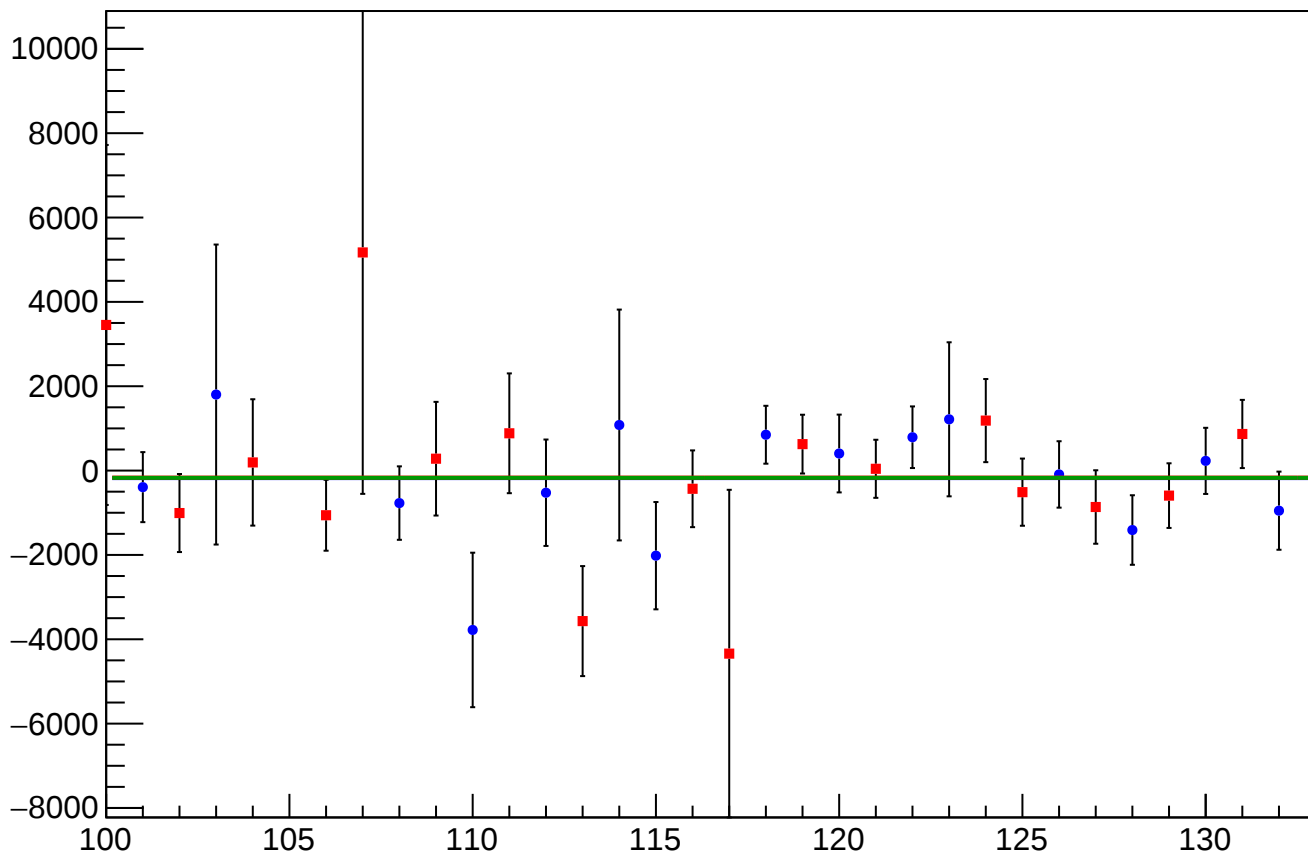
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2000.259+/-0.417 χ^2/NDF : 948495.8/32

2008.081+/-0.571 χ^2/NDF : 352667.6/17

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: -166.434+/-232.908 χ^2 /NDF: 18.8/17

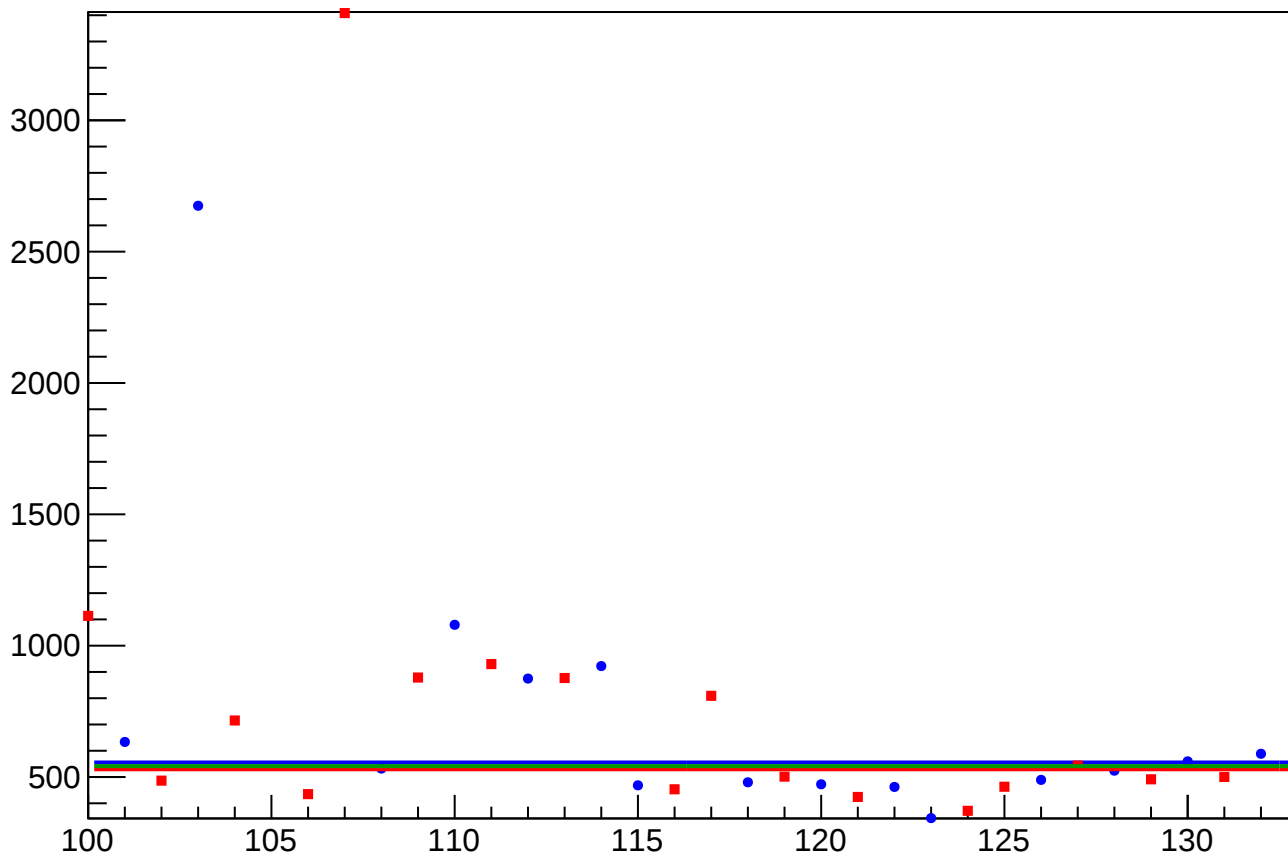
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-178.367+/-250.992 χ^2 /NDF: 15.3/14

-171.955+/-170.726 χ^2 /NDF: 34.1/32

-166.434+/-232.908 χ^2 /NDF: 18.8/17

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: 529.548+/-0.165 χ^2/NDF : 1205103.3/17

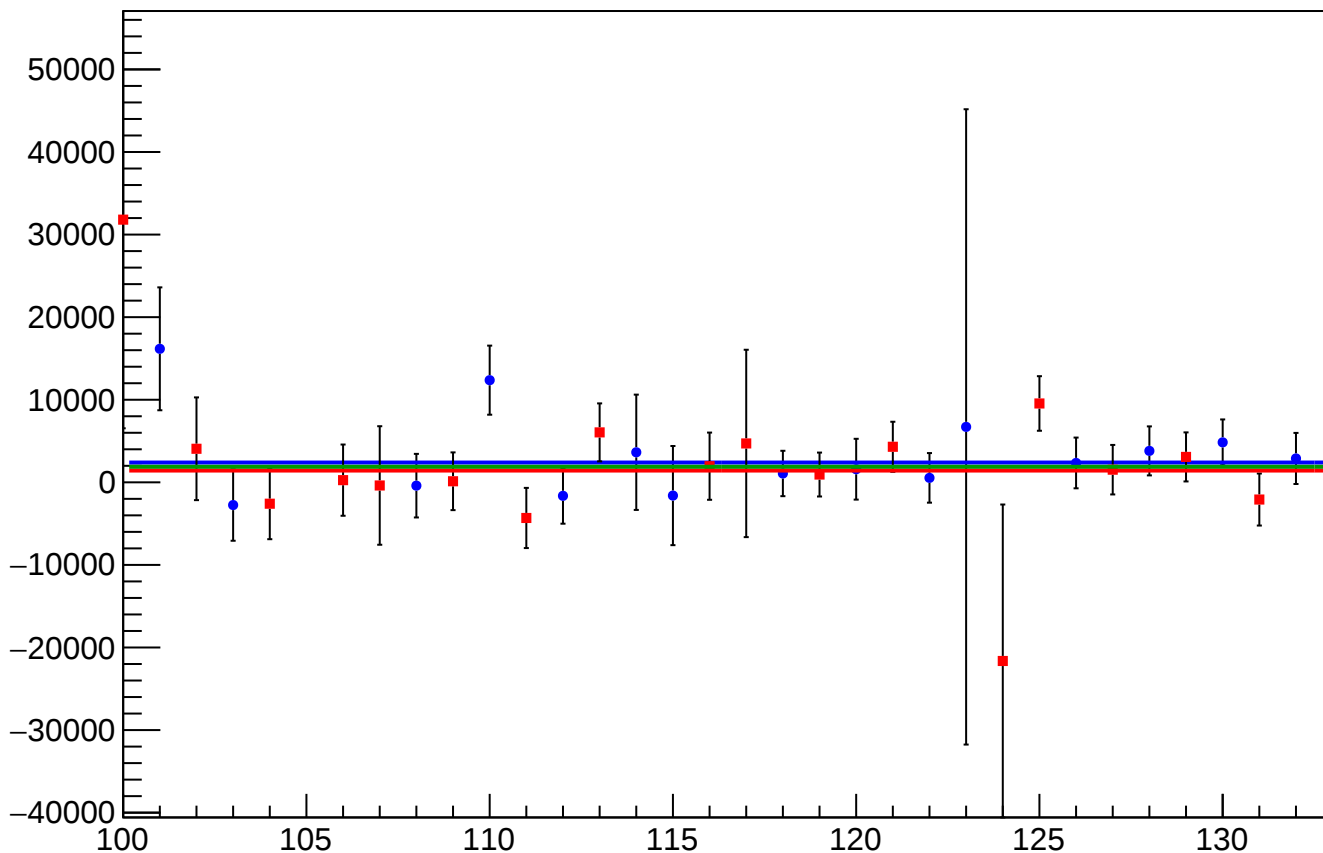
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

541.485+/-0.121 χ^2/NDF : 2402360.0/32

529.548+/-0.165 χ^2/NDF : 1205103.3/17

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: 1426.566+/-898.112 χ^2 /NDF: 19.1/17

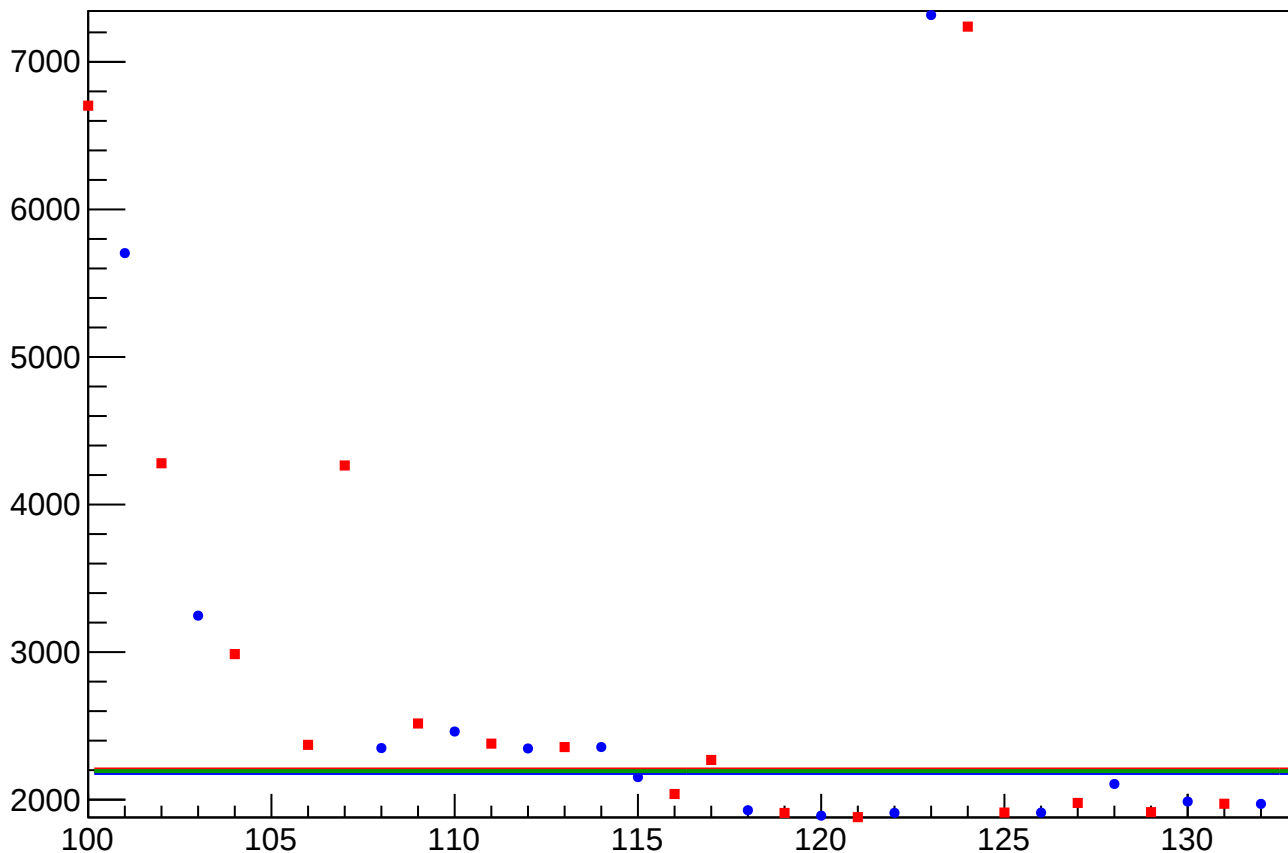
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2397.139+/-951.711 χ^2 /NDF: 14.7/14

1883.754+/-653.188 χ^2 /NDF: 34.3/32

1426.566+/-898.112 χ^2 /NDF: 19.1/17

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: 2204.486+/-0.635 χ^2/NDF : 802725.9/17

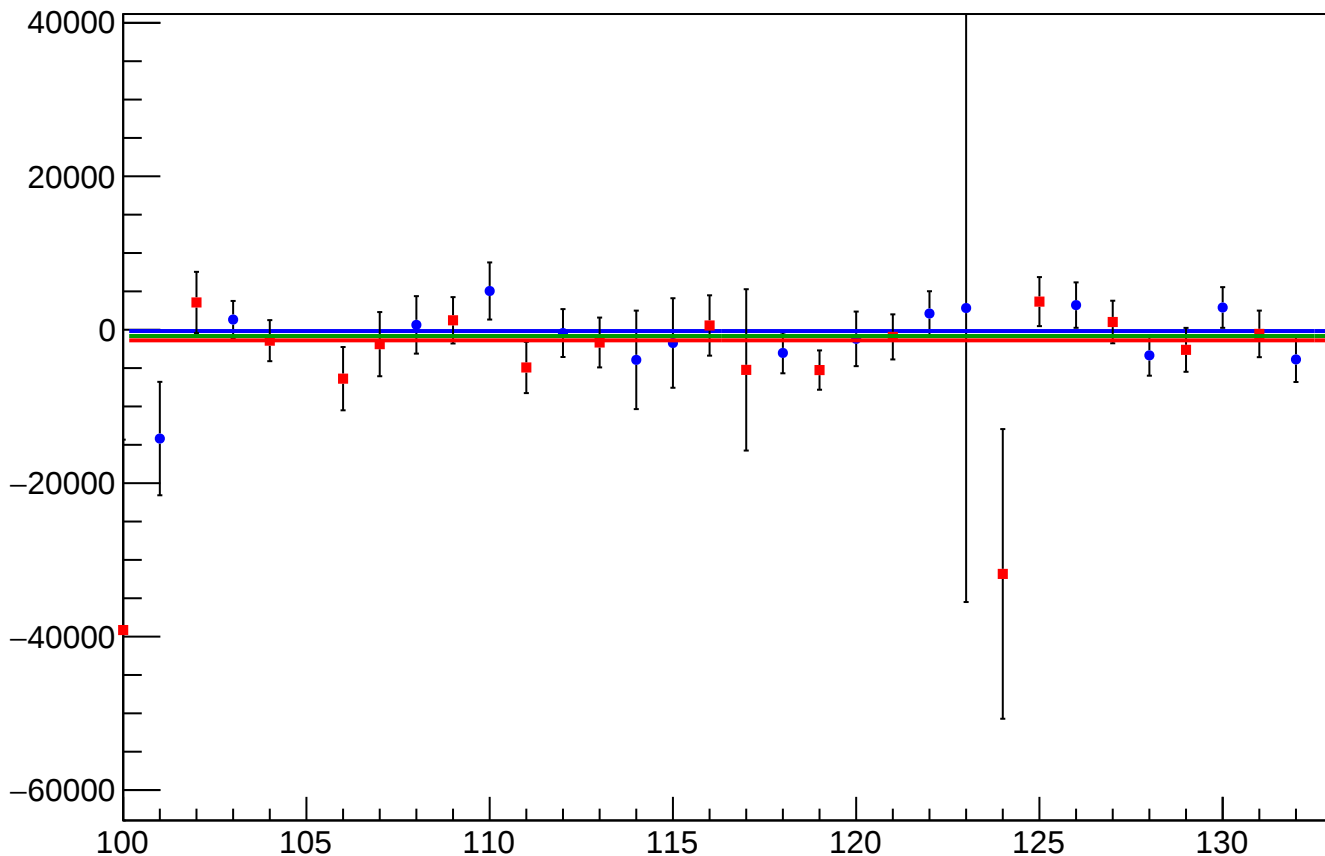
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2193.487+/-0.462 χ^2/NDF : 1508913.0/32

2204.486+/-0.635 χ^2/NDF : 802725.9/17

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: -1382.690+/-805.741 χ^2/NDF : 16.0/17

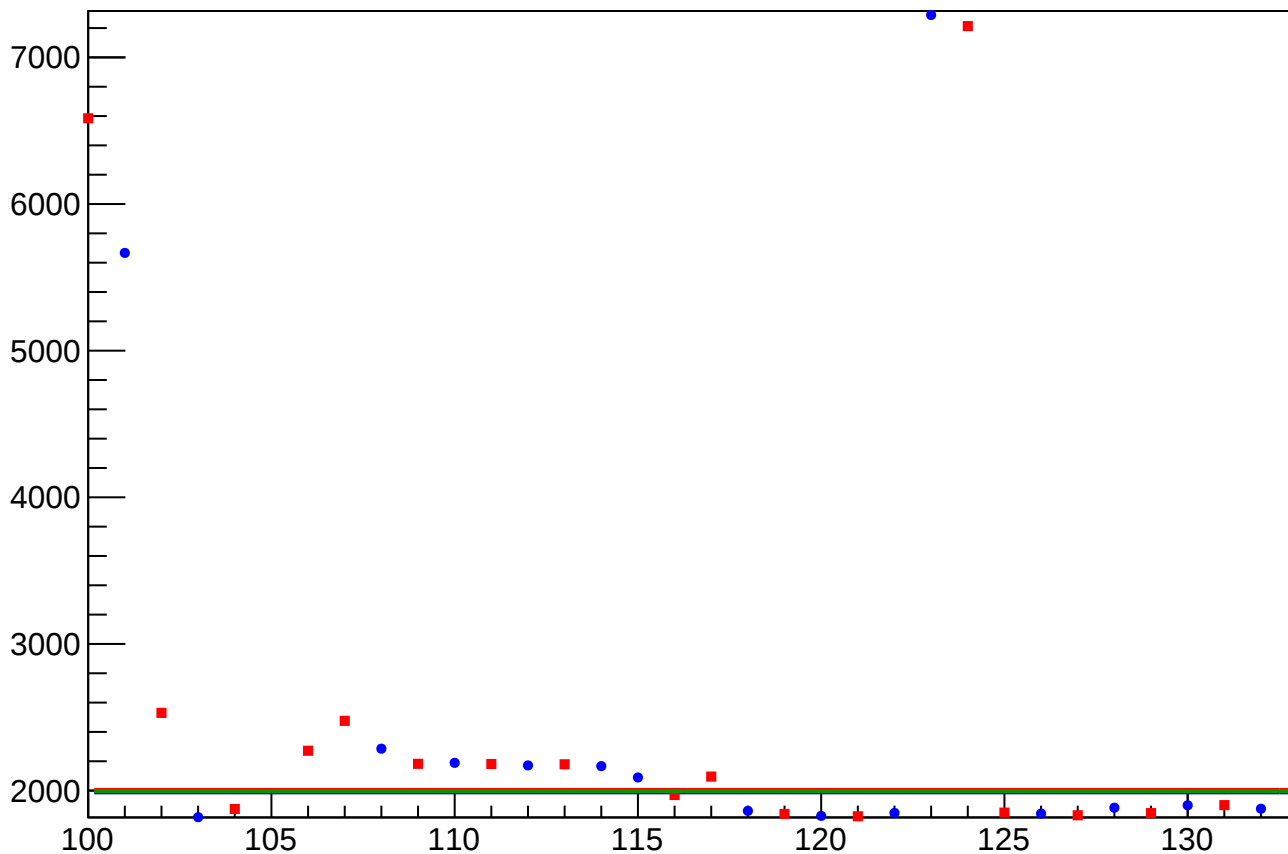
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-171.284+/-863.119 χ^2/NDF : 13.9/14

-818.588+/-588.985 χ^2/NDF : 31.0/32

-1382.690+/-805.741 χ^2/NDF : 16.0/17

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: 2004.356 $\pm$ 0.570 χ^2 /NDF: 353005.6/17

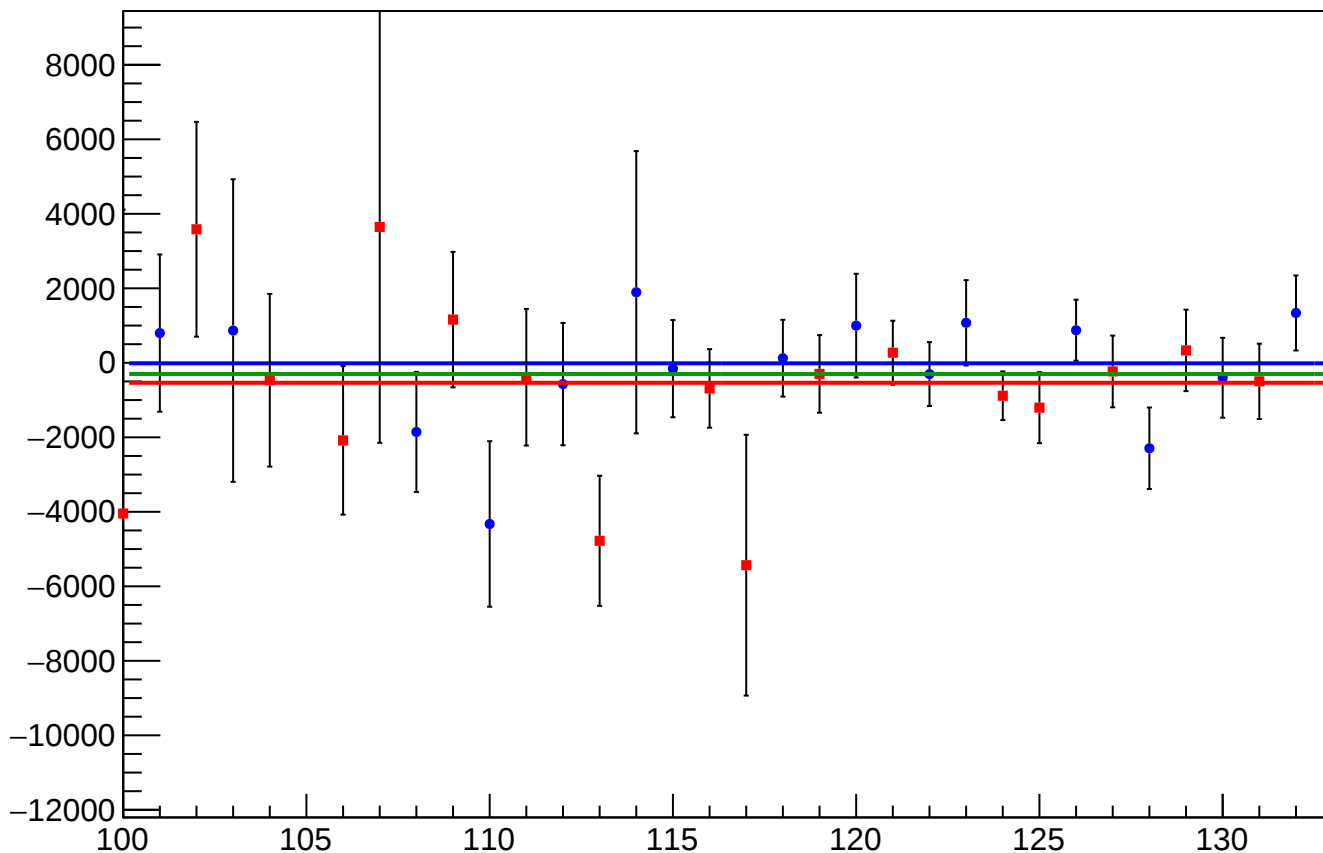
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1996.687 $\pm$ 0.416 χ^2 /NDF: 950606.8/32

2004.356 $\pm$ 0.570 χ^2 /NDF: 353005.6/17

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: -535.568 ± 292.754 χ^2/NDF : 14.7/17

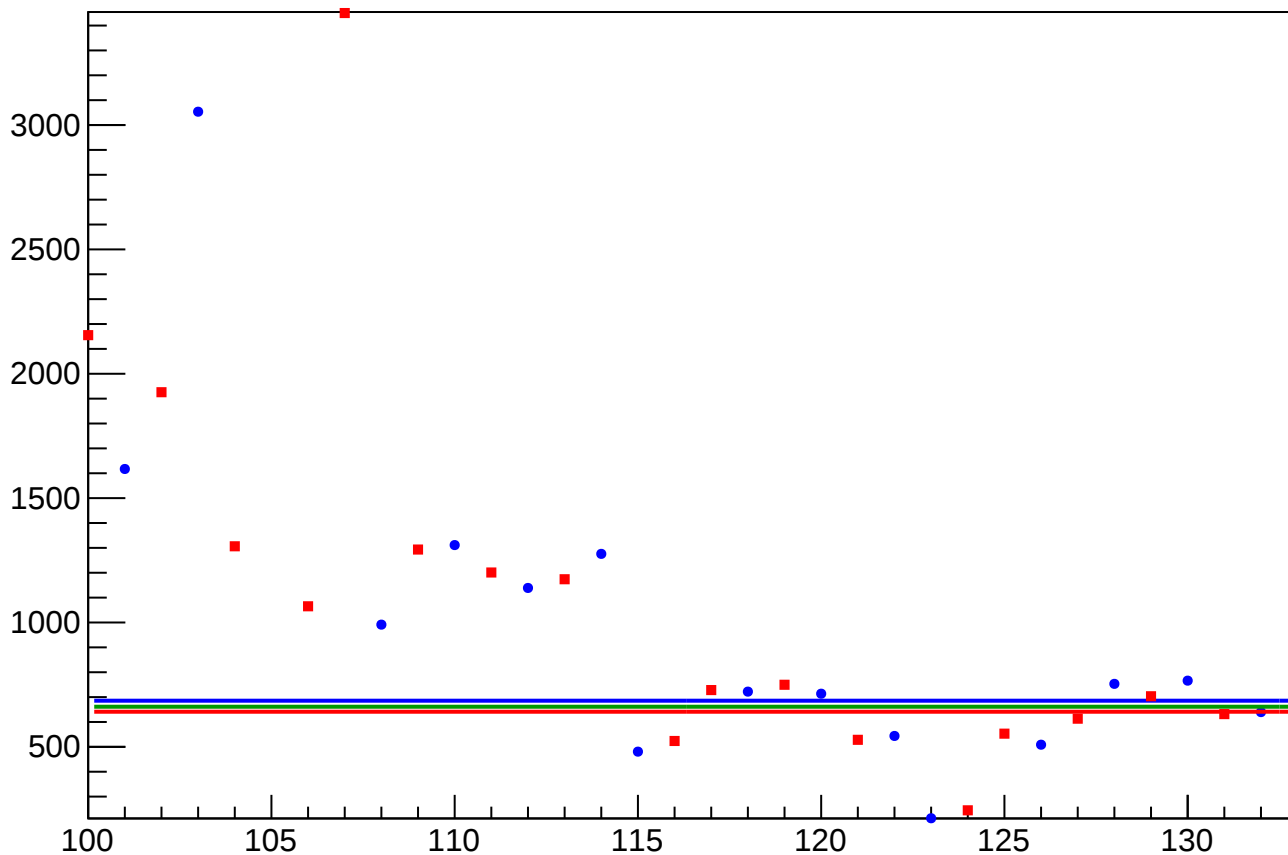
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-13.504 ± 321.717 χ^2/NDF : 14.7/14

-299.090 ± 216.525 χ^2/NDF : 30.8/32

-535.568 ± 292.754 χ^2/NDF : 14.7/17

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: 641.235+/-0.207 χ^2/NDF : 2729883.2/17

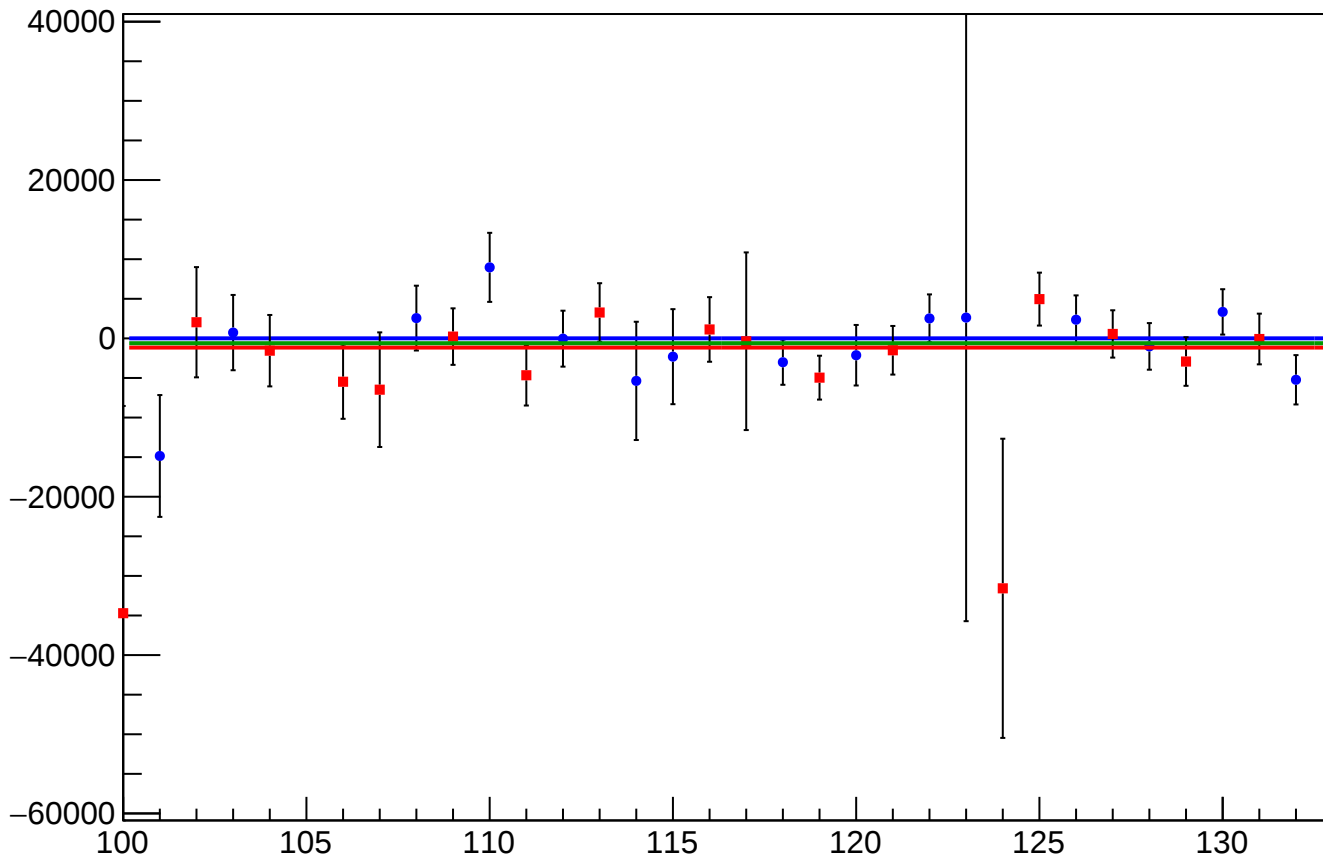
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

685.561+/-0.227 χ^2/NDF : 2064968.2/14

661.313+/-0.153 χ^2/NDF : 4815619.8/32

641.235+/-0.207 χ^2/NDF : 2729883.2/17

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 4.908 $\pm$ 977.729 χ^2 /NDF: 16.0/14

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

Right Out: -1159.634 $\pm$ 925.150 χ^2 /NDF: 14.7/17

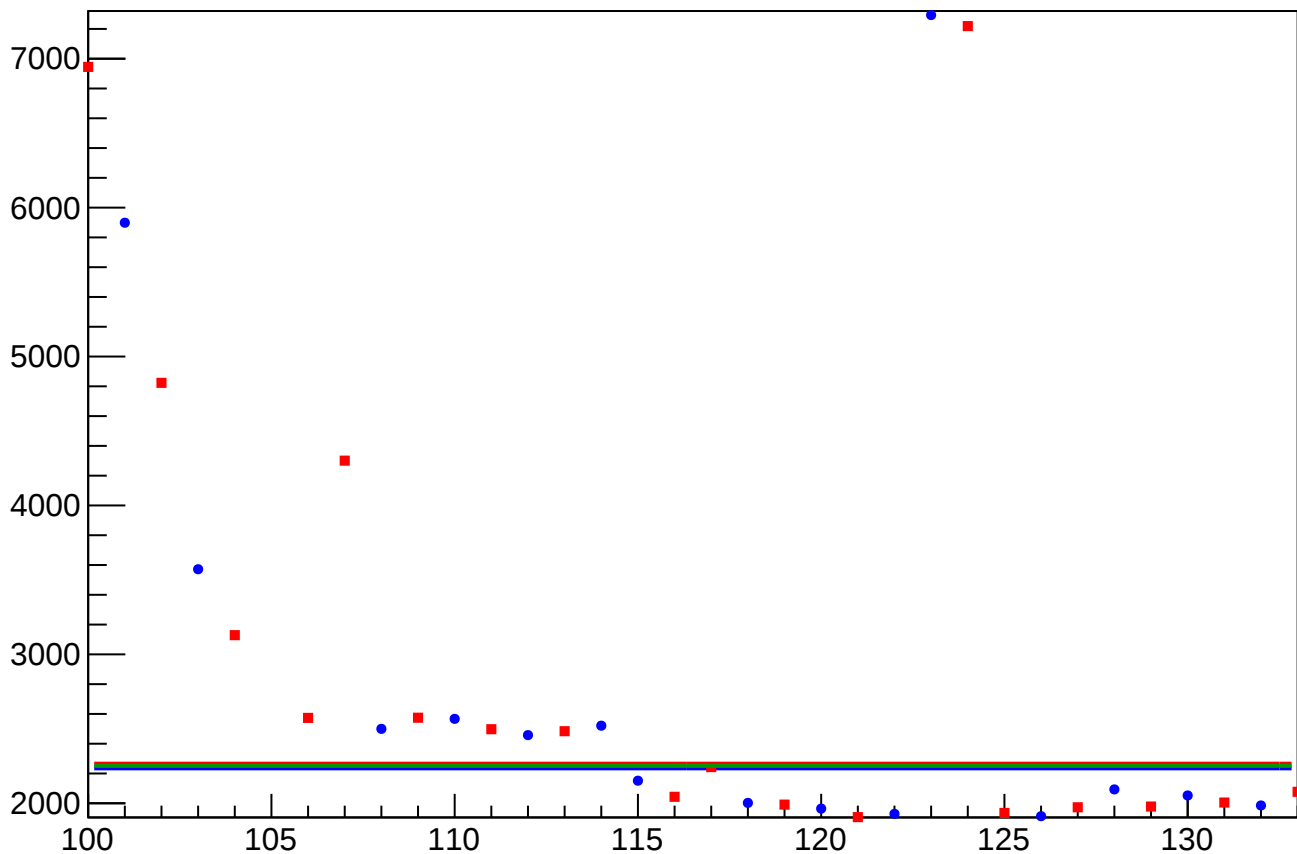
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.908 $\pm$ 977.729 χ^2 /NDF: 16.0/14

-609.516 $\pm$ 671.999 χ^2 /NDF: 31.5/32

-1159.634 $\pm$ 925.150 χ^2 /NDF: 14.7/17

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: 2265.963+/-0.654 χ^2 /NDF: 870386.7/17

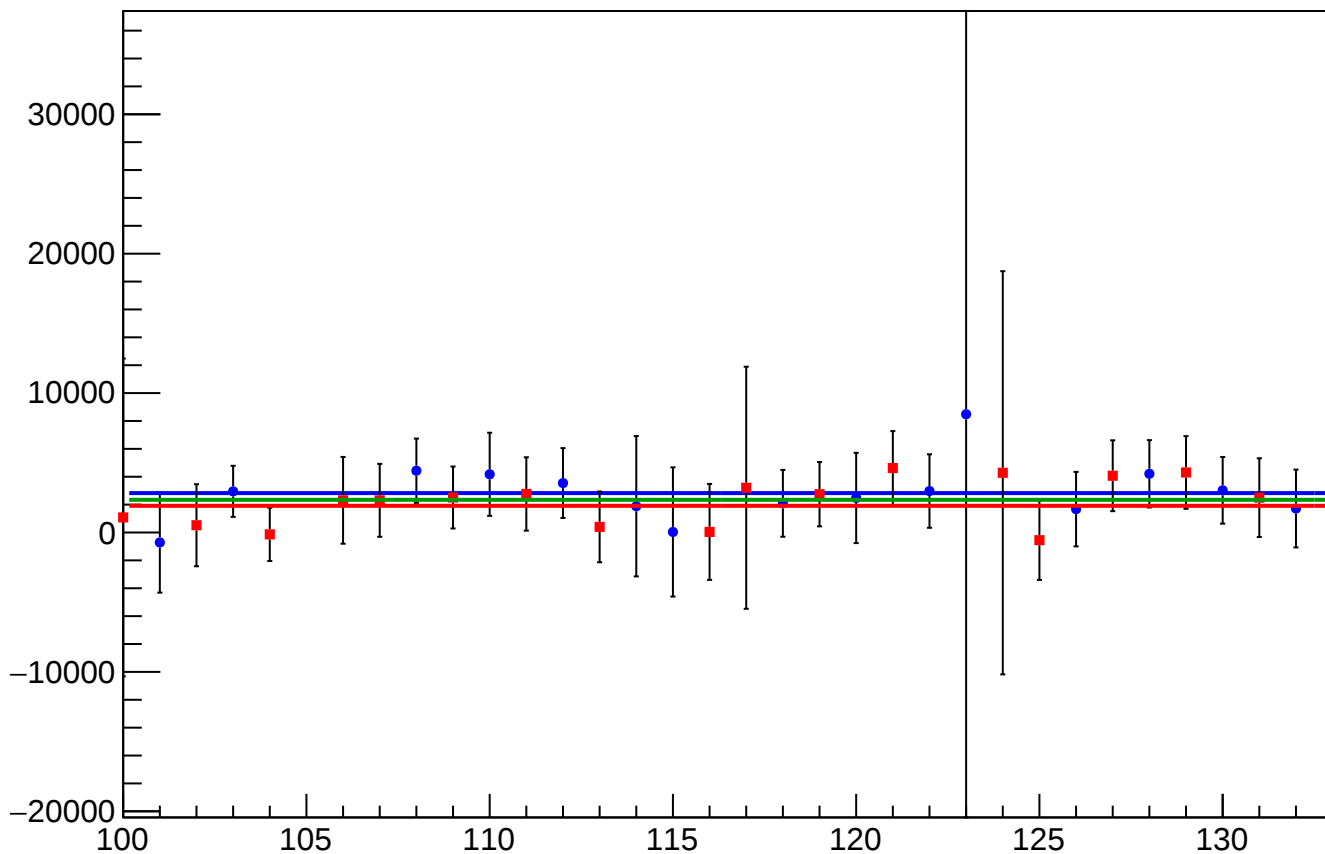
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2234.593+/-0.691 χ^2 /NDF: 768790.7/14

2251.144+/-0.475 χ^2 /NDF: 1640263.7/32

2265.963+/-0.654 χ^2 /NDF: 870386.7/17

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2826.935 $\pm$ 715.994 χ^2 /NDF: 3.0/14

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

Right Out: 1915.149 $\pm$ 675.351 χ^2 /NDF: 6.8/17

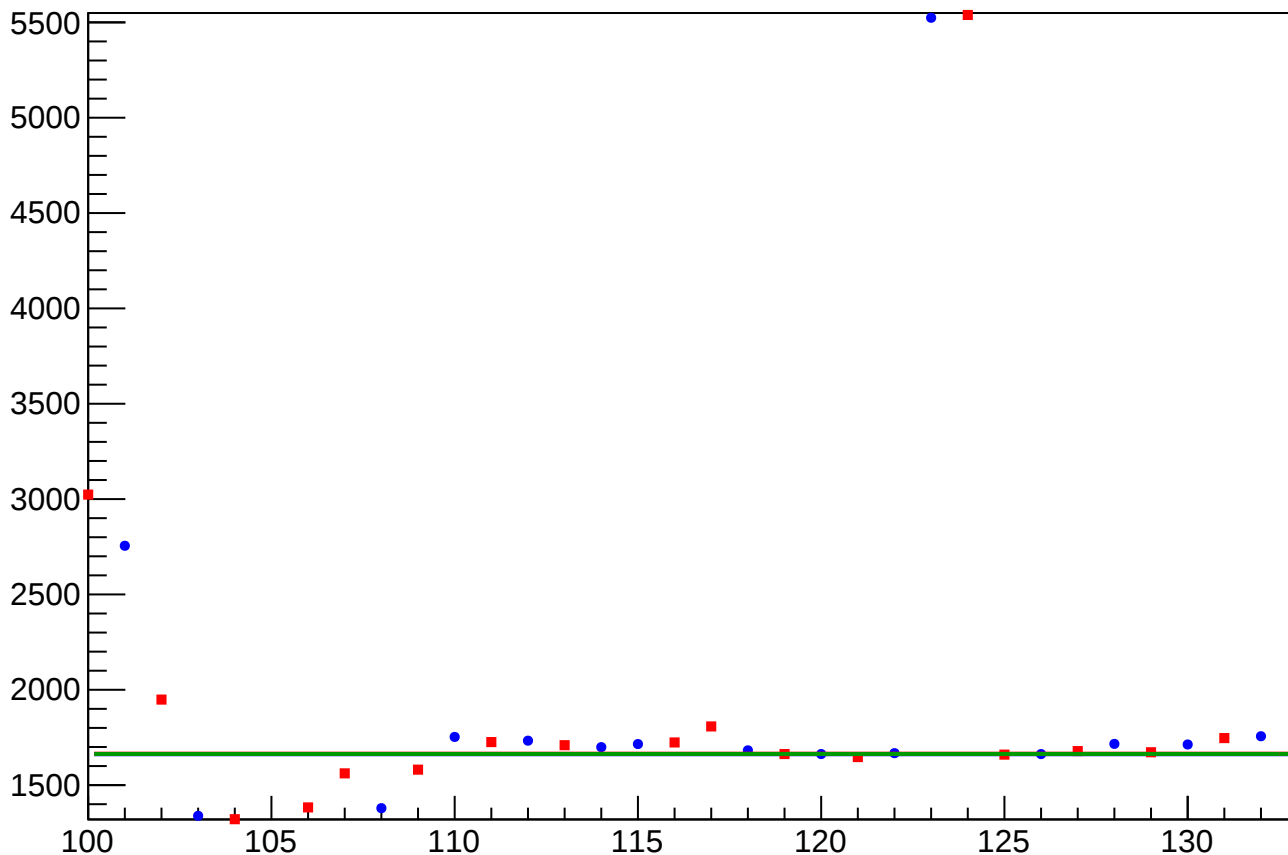
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2826.935 $\pm$ 715.994 χ^2 /NDF: 3.0/14

2344.431 $\pm$ 491.285 χ^2 /NDF: 10.6/32

1915.149 $\pm$ 675.351 χ^2 /NDF: 6.8/17

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: 1664.814+/-0.478 χ^2/NDF : 402947.0/17

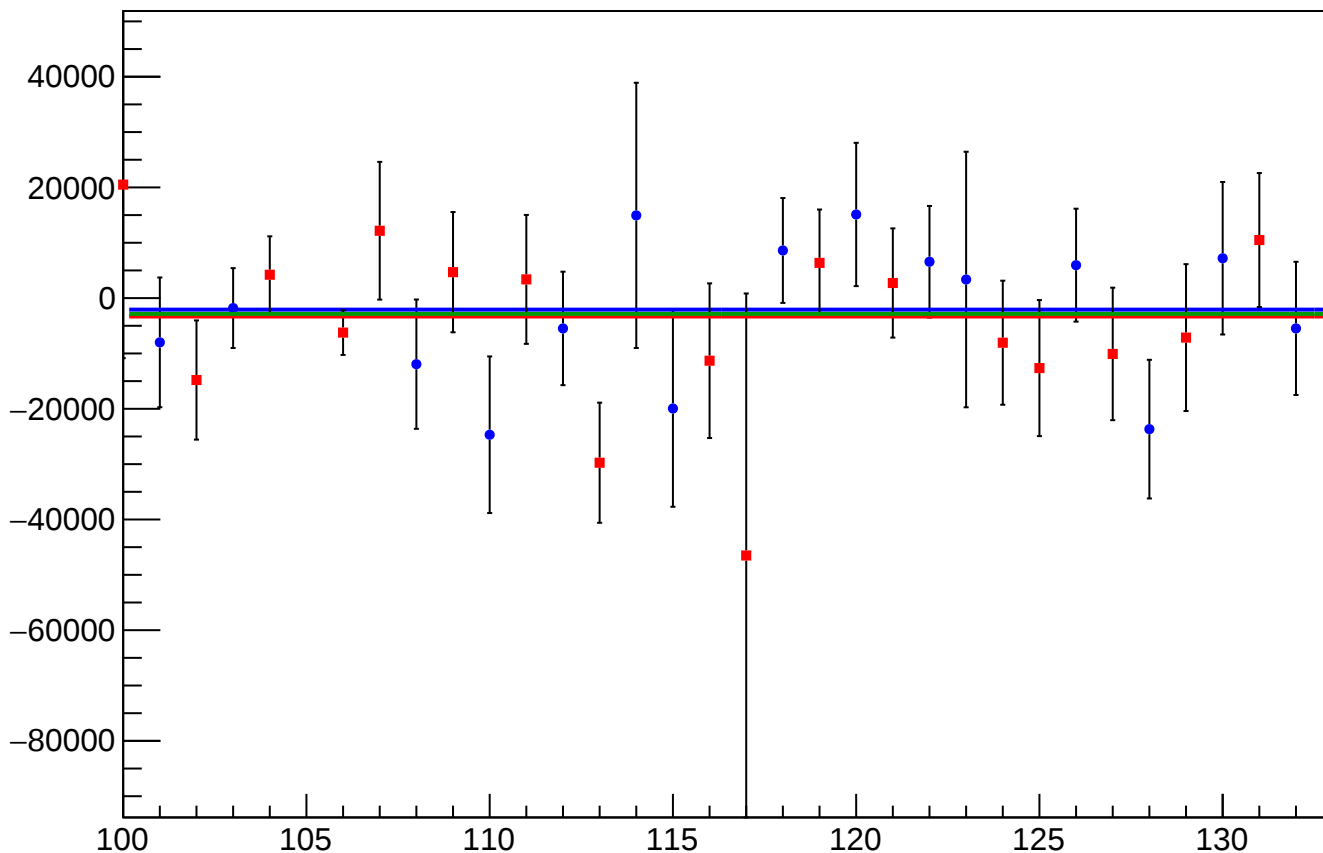
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1661.954+/-0.506 χ^2/NDF : 320664.1/14

1663.467+/-0.347 χ^2/NDF : 723628.0/32

1664.814+/-0.478 χ^2/NDF : 402947.0/17

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: -3321.771+/-2316.882 χ^2 /NDF: 18.5/17

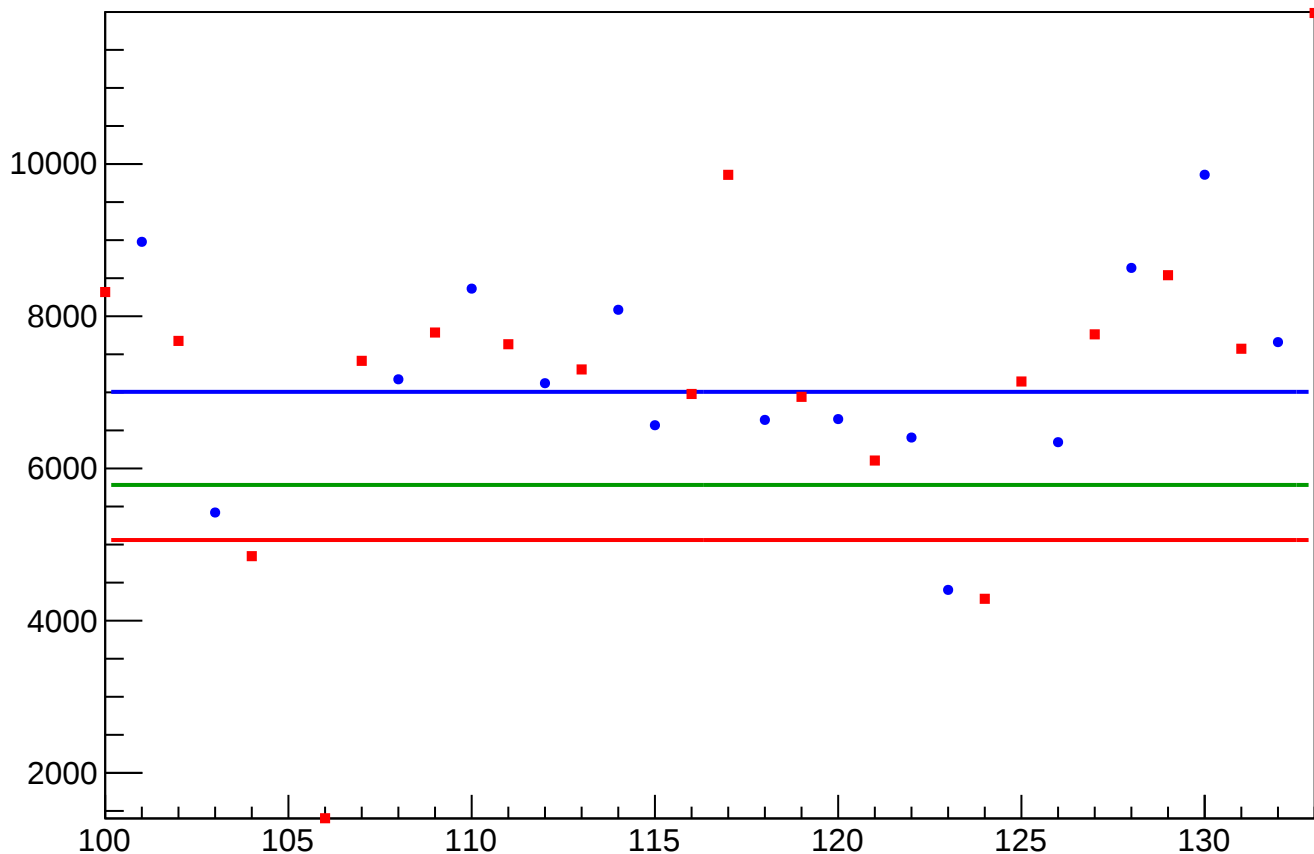
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2081.132+/-3012.166 χ^2 /NDF: 13.1/14

-2860.609+/-1836.466 χ^2 /NDF: 31.7/32

-3321.771+/-2316.882 χ^2 /NDF: 18.5/17

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7006.715+/-2.130 χ^2/NDF : 348367.9/14

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

Right Out: 5059.720+/-1.638 χ^2/NDF : 2999375.6/17

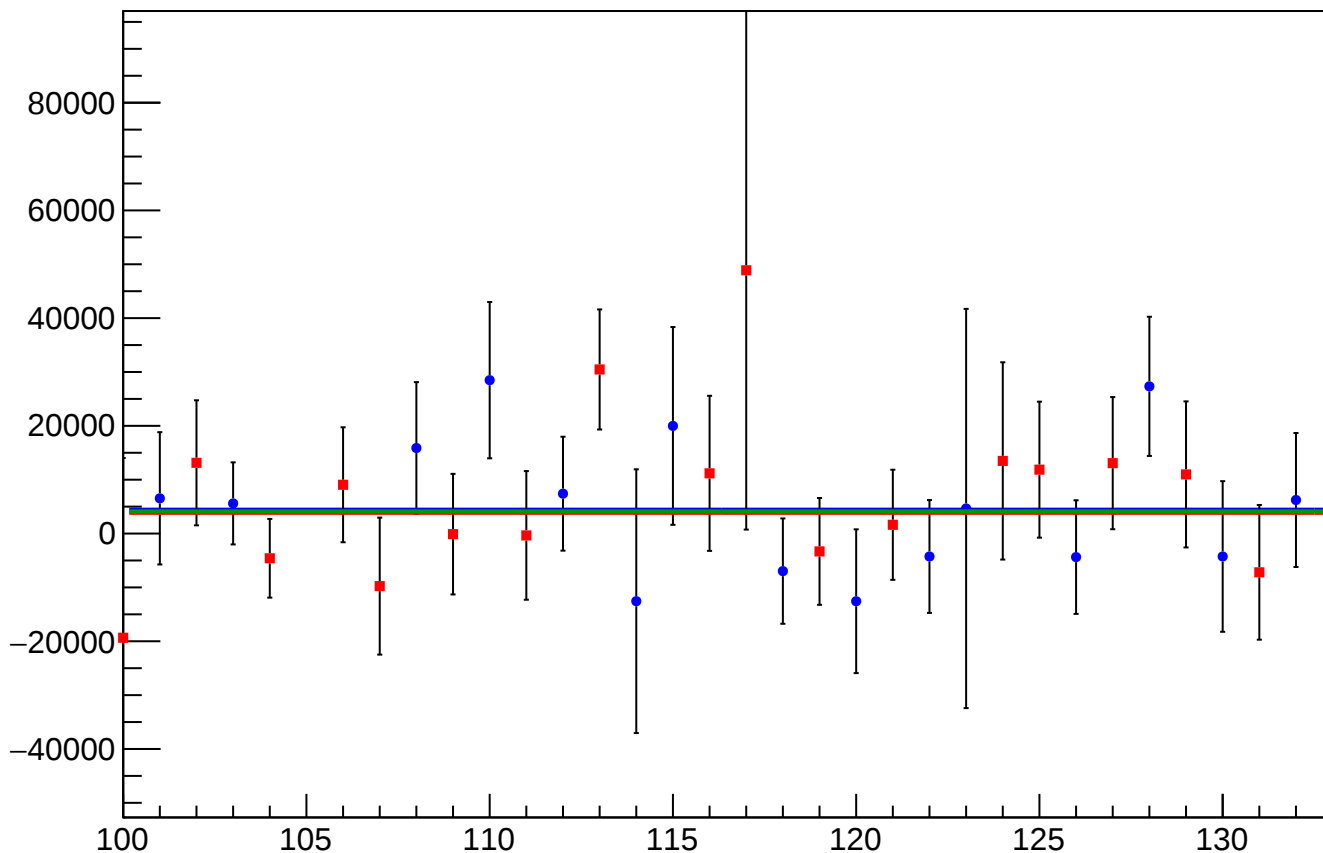
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7006.715+/-2.130 χ^2/NDF : 348367.9/14

5783.444+/-1.299 χ^2/NDF : 3872744.1/32

5059.720+/-1.638 χ^2/NDF : 2999375.6/17

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: 3844.385+/-2879.726 χ^2/NDF : 15.8/17

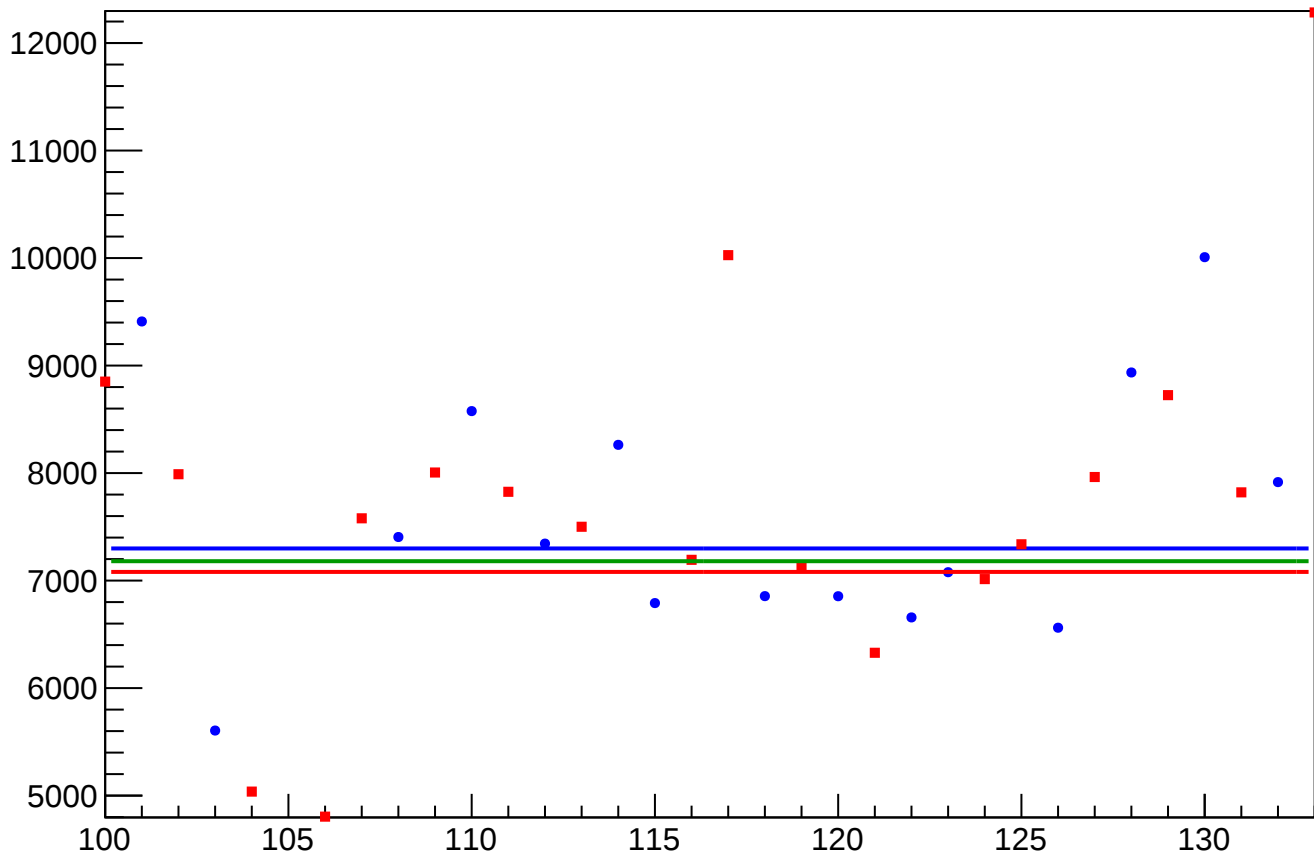
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4439.423+/-3141.748 χ^2/NDF : 12.9/14

4116.060+/-2122.872 χ^2/NDF : 28.6/32

3844.385+/-2879.726 χ^2/NDF : 15.8/17

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7298.905+/-2.221 χ^2/NDF : 313995.4/14

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

Right Out: 7080.685+/-2.036 χ^2/NDF : 512307.2/17

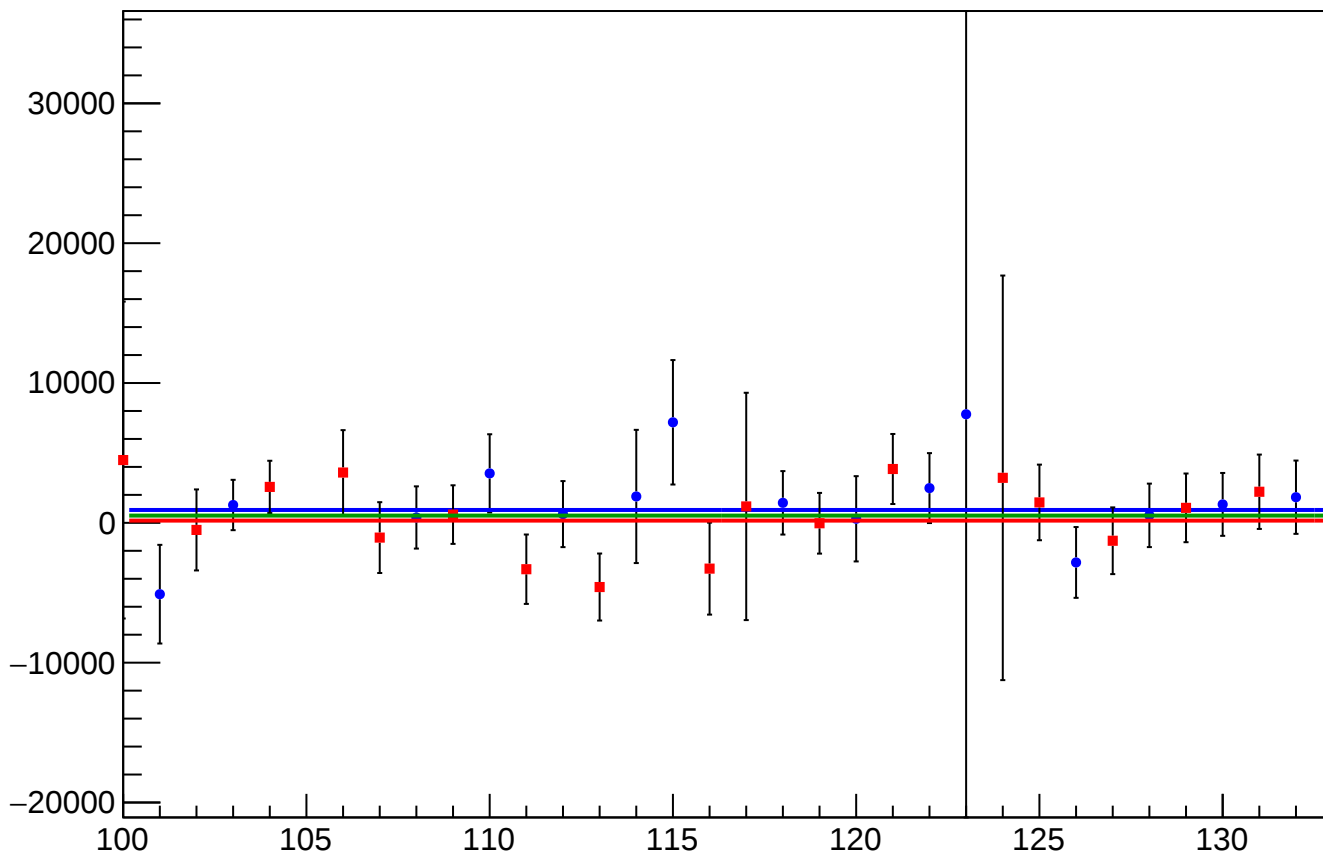
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7298.905+/-2.221 χ^2/NDF : 313995.4/14

7180.306+/-1.501 χ^2/NDF : 831547.0/32

7080.685+/-2.036 χ^2/NDF : 512307.2/17

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: 160.951 $\pm$ 643.351 χ^2/NDF : 14.3/17

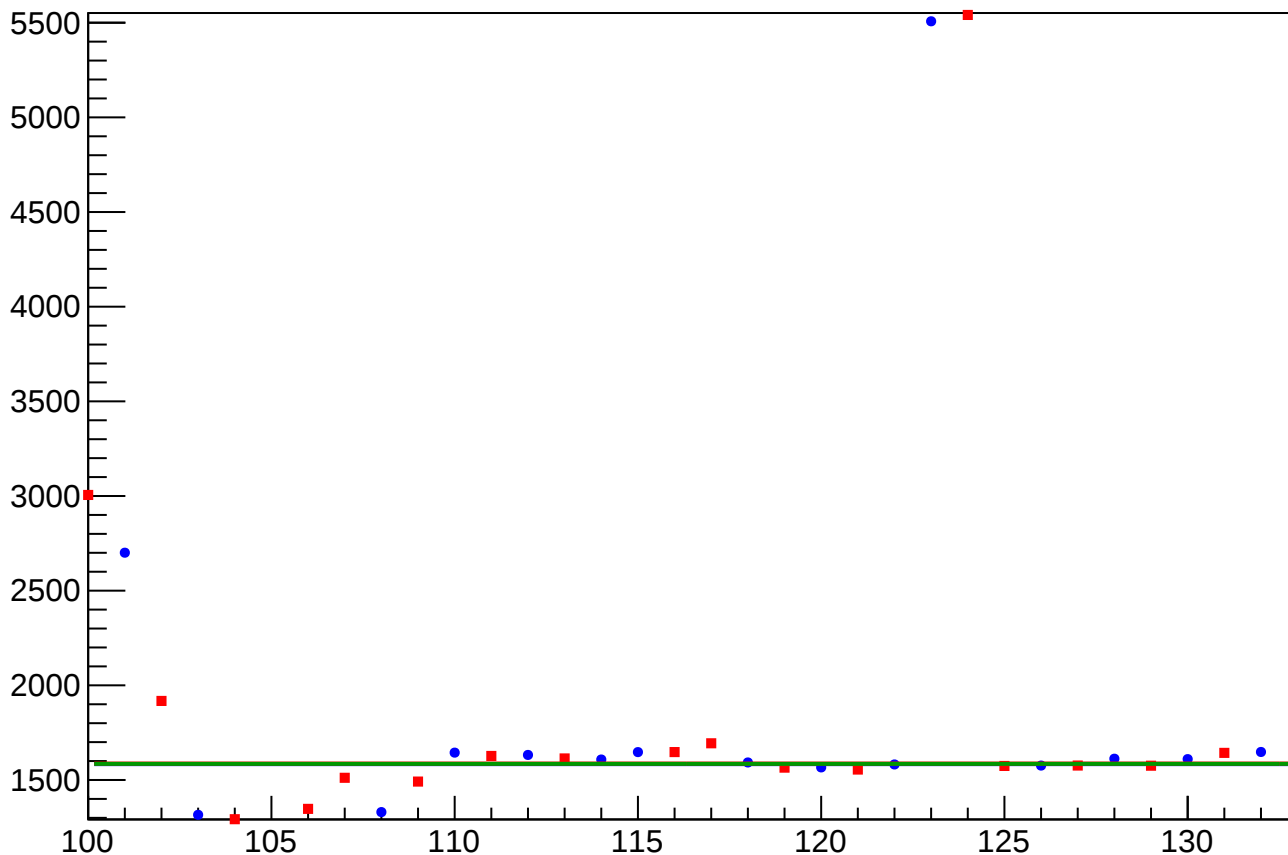
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

920.280 $\pm$ 682.149 χ^2/NDF : 8.8/14

518.408 $\pm$ 468.033 χ^2/NDF : 23.8/32

160.951 $\pm$ 643.351 χ^2/NDF : 14.3/17

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1583.718+/-0.482 χ^2/NDF : 311764.9/14

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

Right Out: 1586.739+/-0.455 χ^2/NDF : 389261.5/17

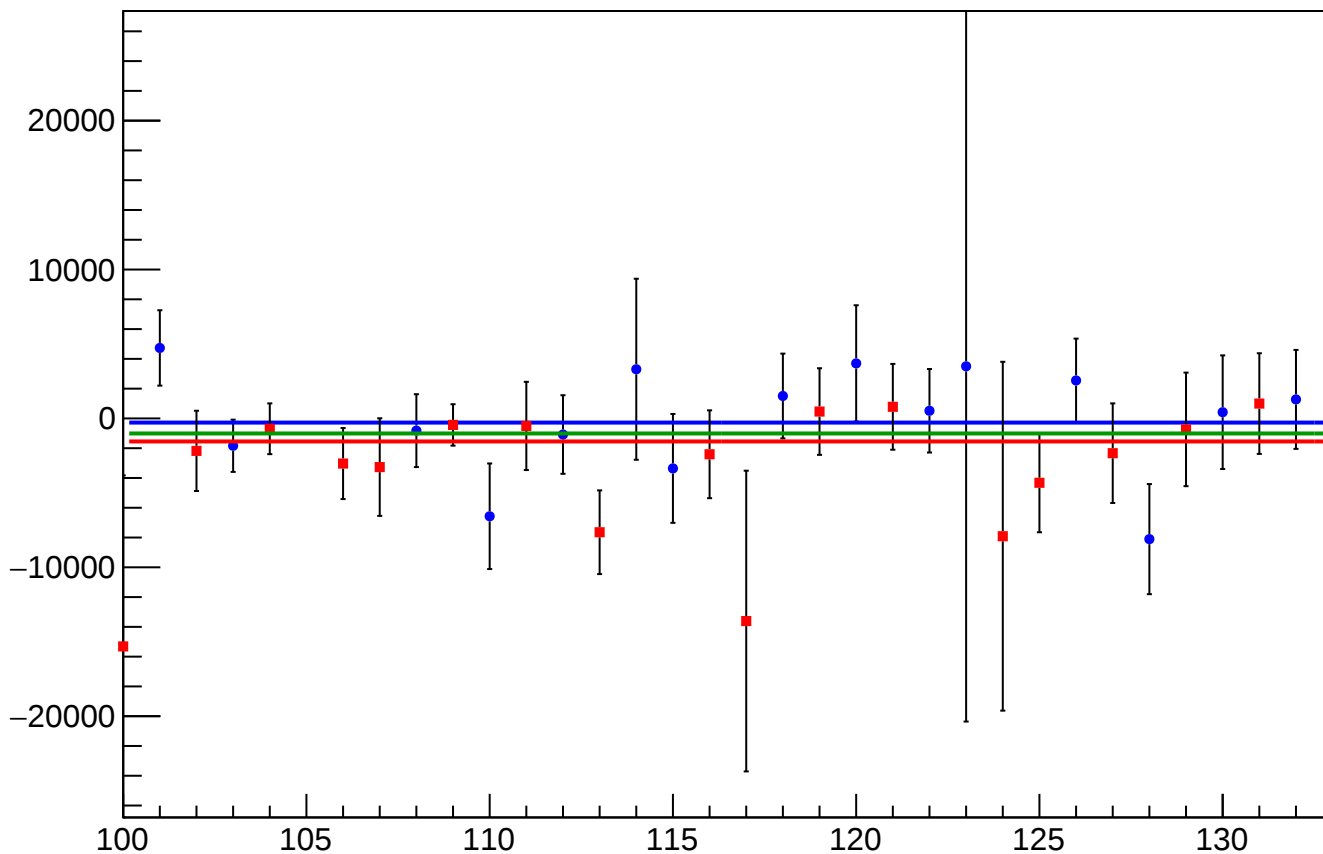
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1583.718+/-0.482 χ^2/NDF : 311764.9/14

1585.317+/-0.331 χ^2/NDF : 701047.1/32

1586.739+/-0.455 χ^2/NDF : 389261.5/17

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: -1545.829+/-666.498 χ^2/NDF : 13.4/17

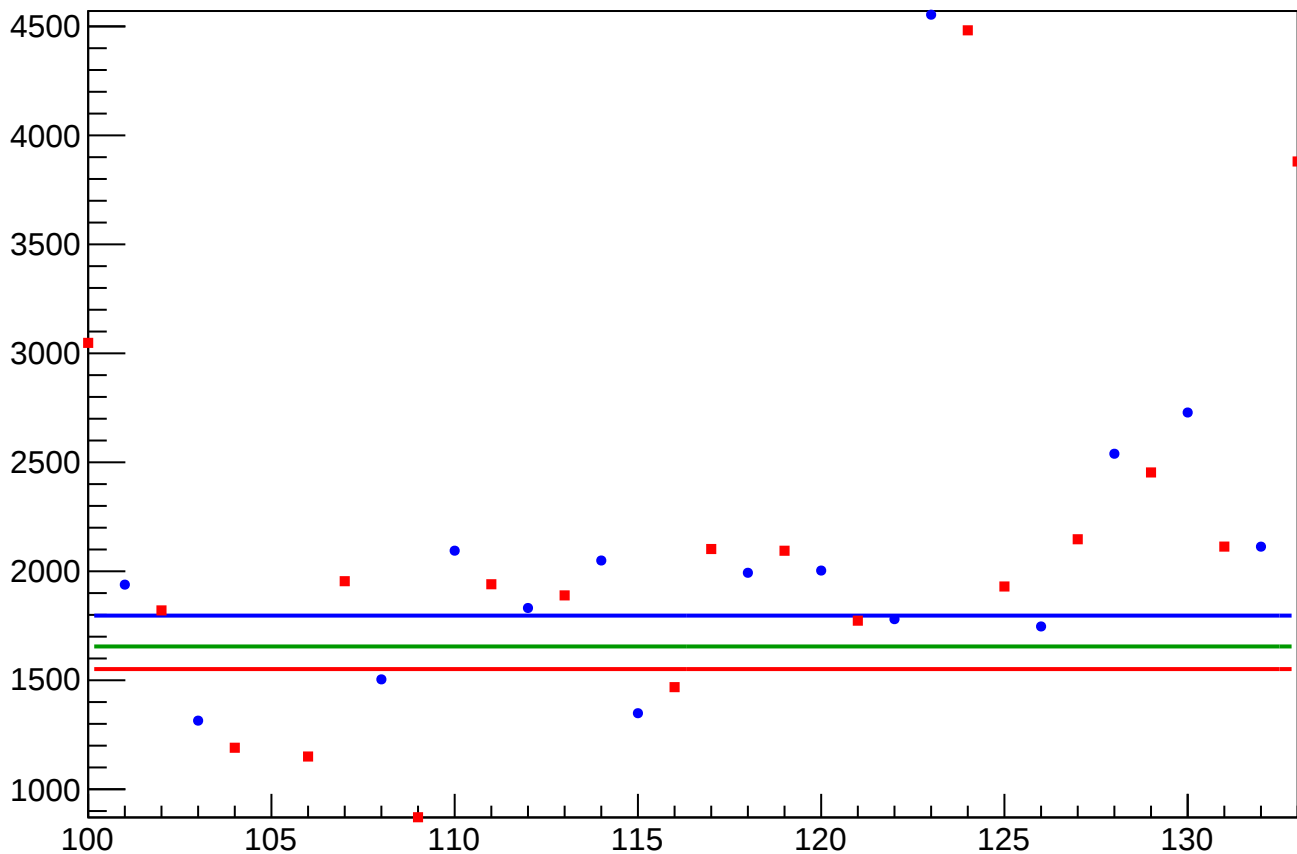
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-279.039+/-778.522 χ^2/NDF : 16.3/14

-1010.054+/-506.302 χ^2/NDF : 31.3/32

-1545.829+/-666.498 χ^2/NDF : 13.4/17

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: 1551.339+/-0.471 χ^2/NDF : 1551264.6/17

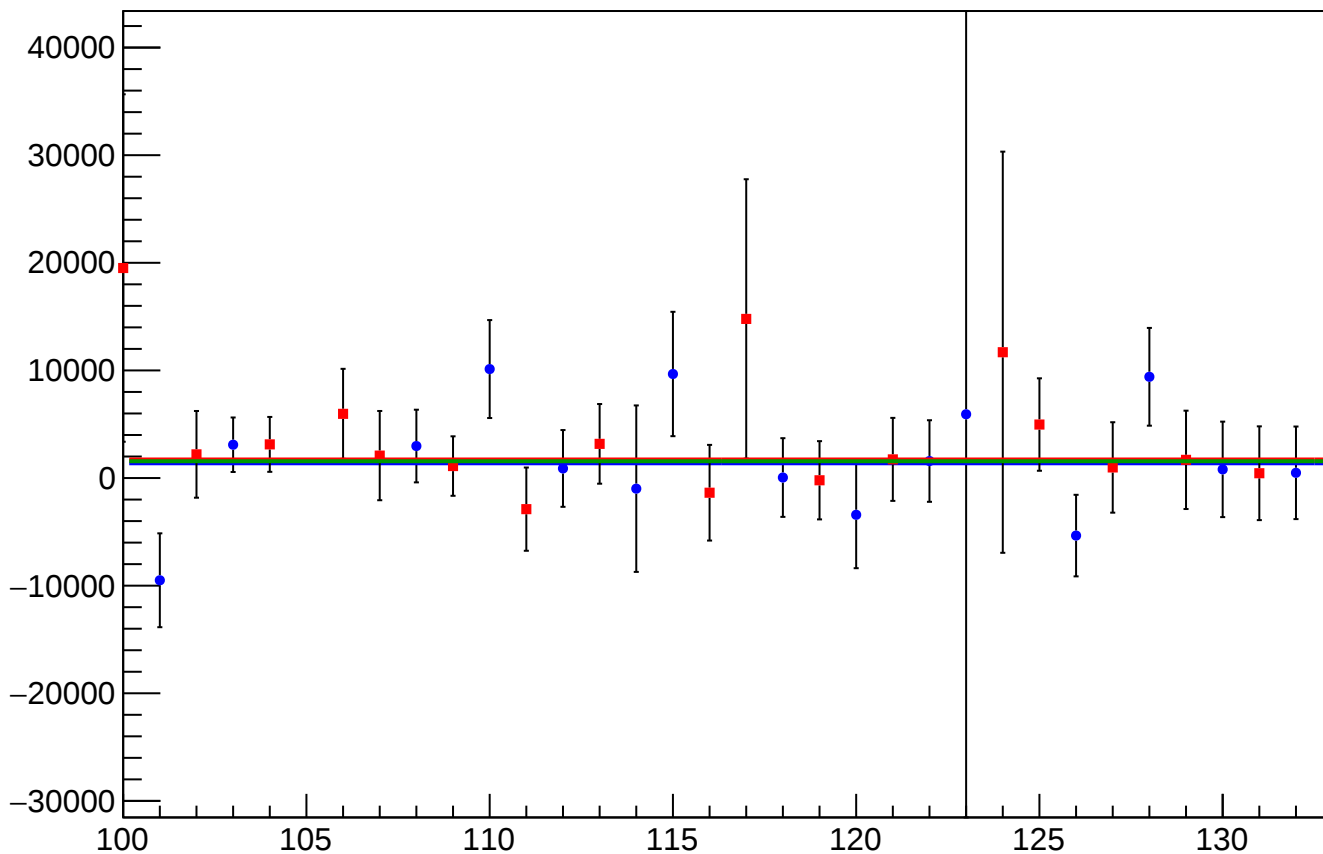
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1796.698+/-0.550 χ^2/NDF : 494323.0/14

1655.111+/-0.358 χ^2/NDF : 2160221.5/32

1551.339+/-0.471 χ^2/NDF : 1551264.6/17

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1372.842 $\pm$ 1066.817 χ^2 /NDF: 20.2/14

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

Right Out: 1723.857 $\pm$ 980.889 χ^2 /NDF: 8.3/17

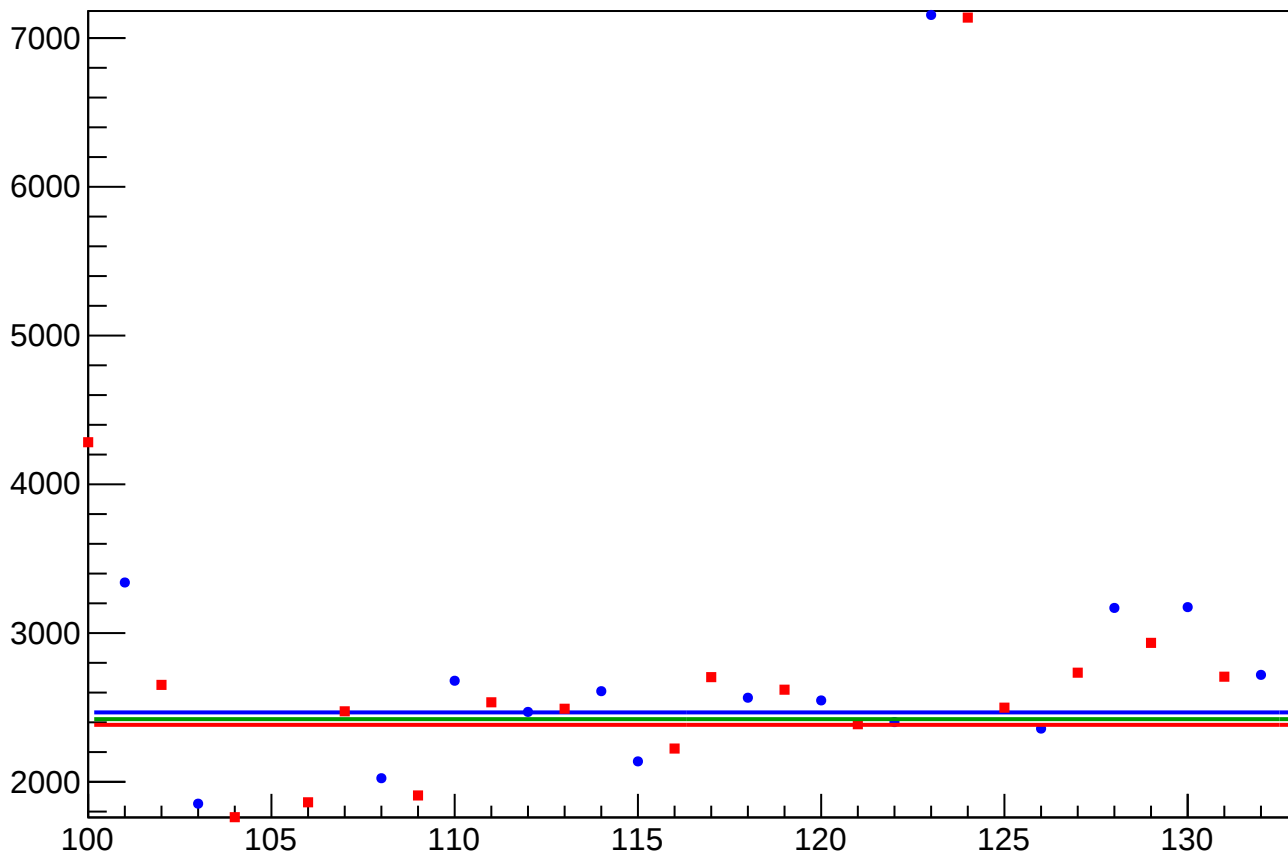
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1372.842 $\pm$ 1066.817 χ^2 /NDF: 20.2/14

1563.053 $\pm$ 722.063 χ^2 /NDF: 28.5/32

1723.857 $\pm$ 980.889 χ^2 /NDF: 8.3/17

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: 2383.157 $\pm$ 0.694 χ^2 /NDF: 649883.9/17

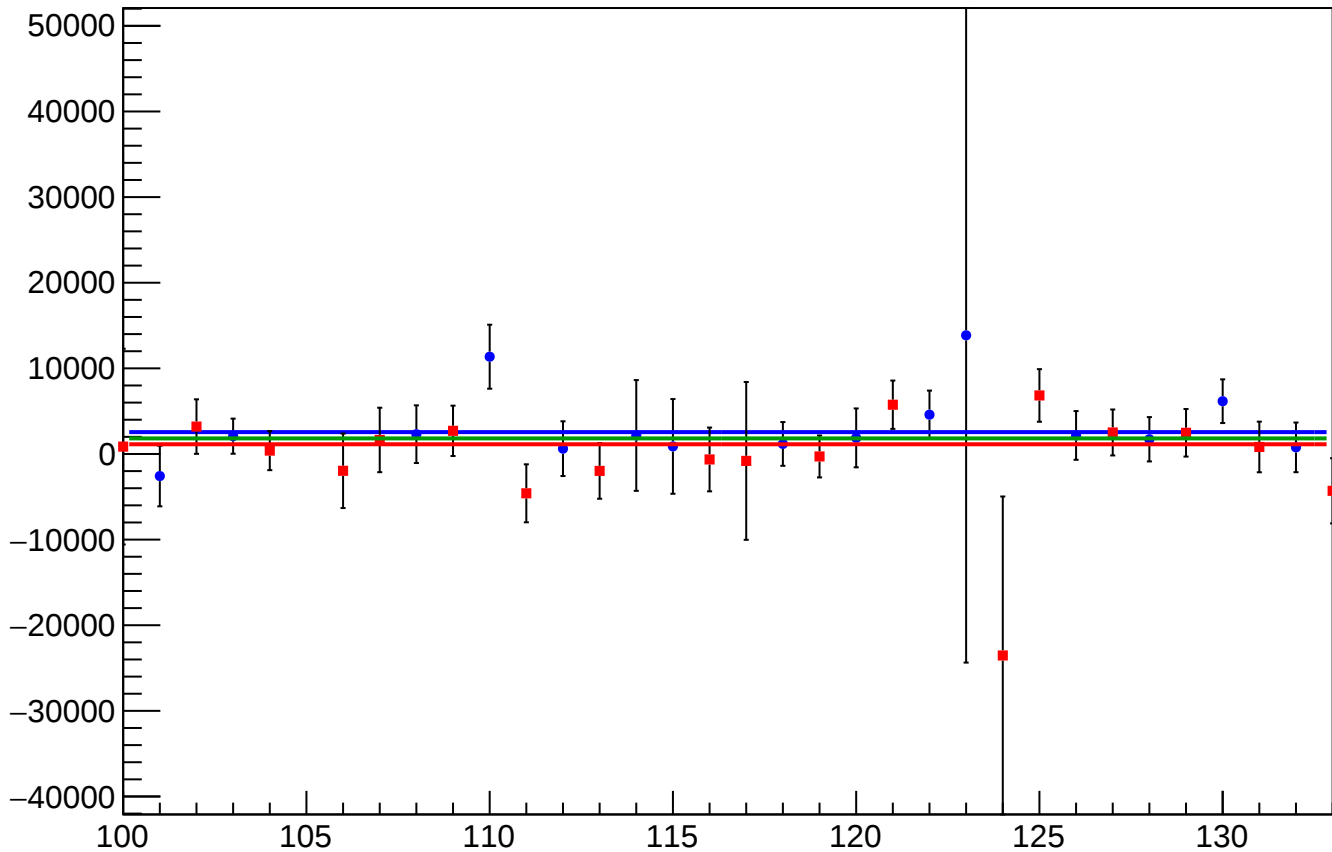
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2466.742 $\pm$ 0.754 χ^2 /NDF: 384686.1/14

2421.448 $\pm$ 0.511 χ^2 /NDF: 1041222.9/32

2383.157 $\pm$ 0.694 χ^2 /NDF: 649883.9/17

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2553.133 $\pm$ 805.318 χ^2 /NDF: 11.6/14

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

Right Out: 1133.376 $\pm$ 777.109 χ^2 /NDF: 16.2/17

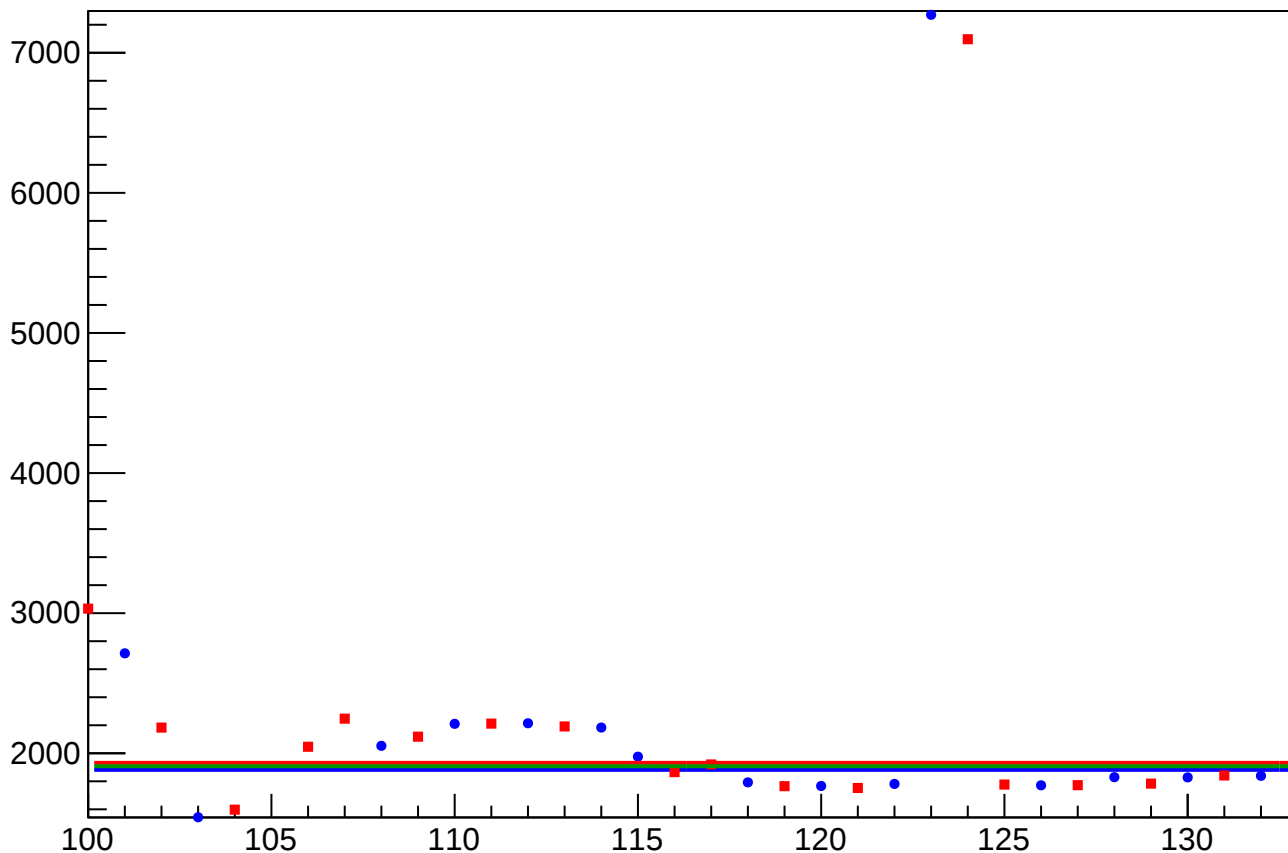
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2553.133 $\pm$ 805.318 χ^2 /NDF: 11.6/14

1817.954 $\pm$ 559.206 χ^2 /NDF: 29.4/32

1133.376 $\pm$ 777.109 χ^2 /NDF: 16.2/17

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: 1931.592+/-0.549 χ^2/NDF : 361329.4/17

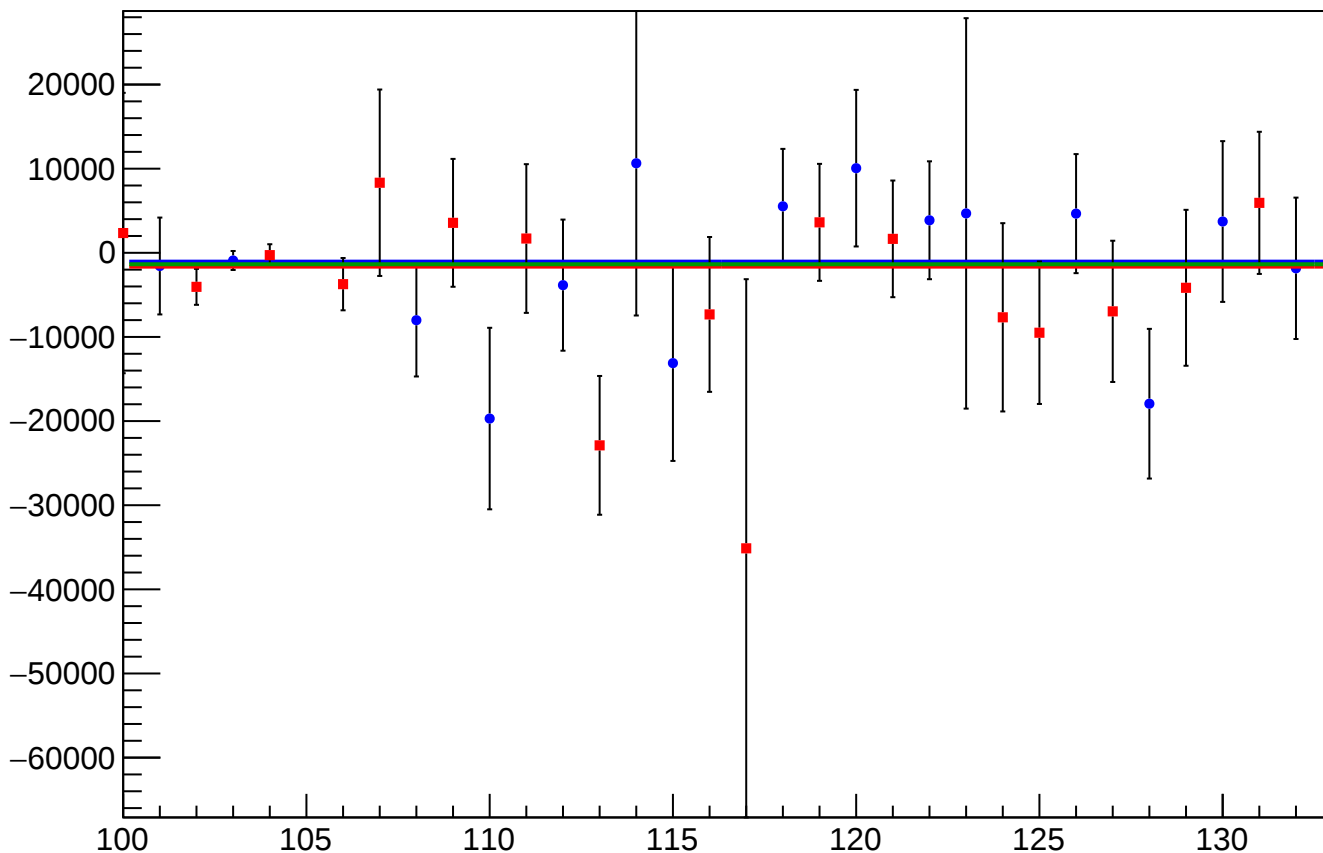
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1881.977+/-0.569 χ^2/NDF : 264404.3/14

1907.712+/-0.395 χ^2/NDF : 629671.3/32

1931.592+/-0.549 χ^2/NDF : 361329.4/17

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: -1641.406+/-954.954 χ^2 /NDF: 17.0/17

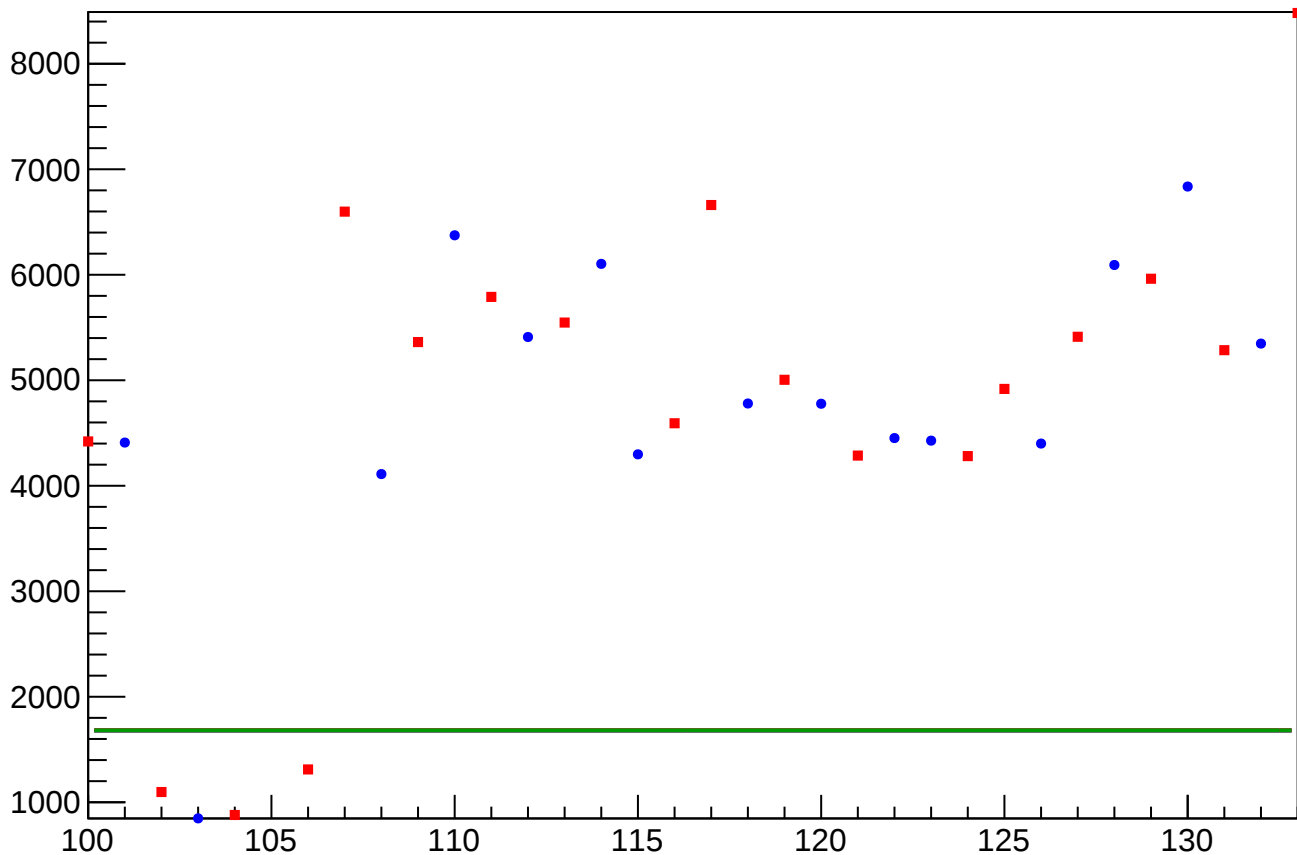
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1050.933+/-1007.224 χ^2 /NDF: 13.1/14

-1361.888+/-692.996 χ^2 /NDF: 30.3/32

-1641.406+/-954.954 χ^2 /NDF: 17.0/17

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: 1682.236+/-0.675 χ^2/NDF : 5856013.2/17

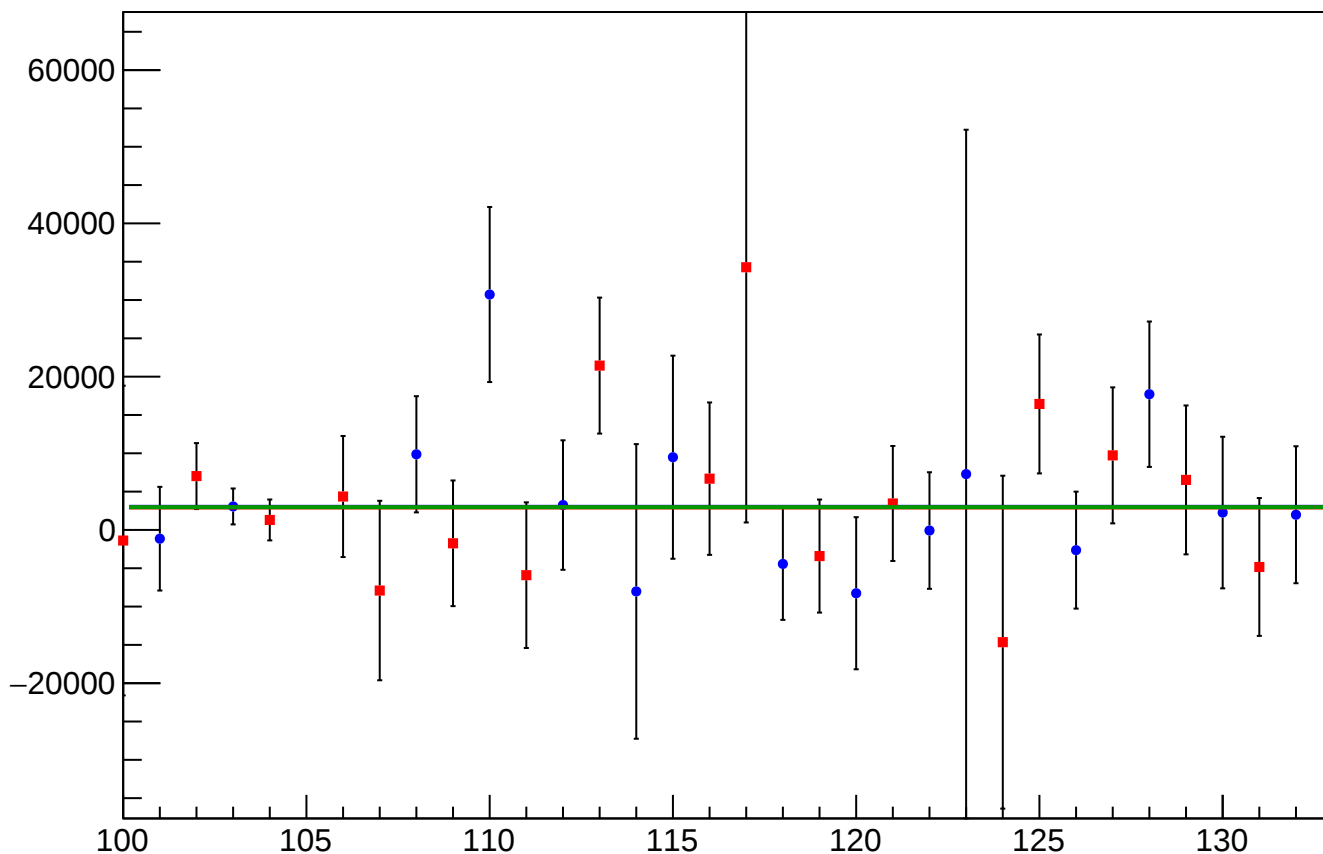
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1680.336+/-0.712 χ^2/NDF : 5586352.7/14

1681.336+/-0.490 χ^2/NDF : 11442369.6/3

1682.236+/-0.675 χ^2/NDF : 5856013.2/17

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: 2929.178+/-1663.208 χ^2/NDF : 16.0/17

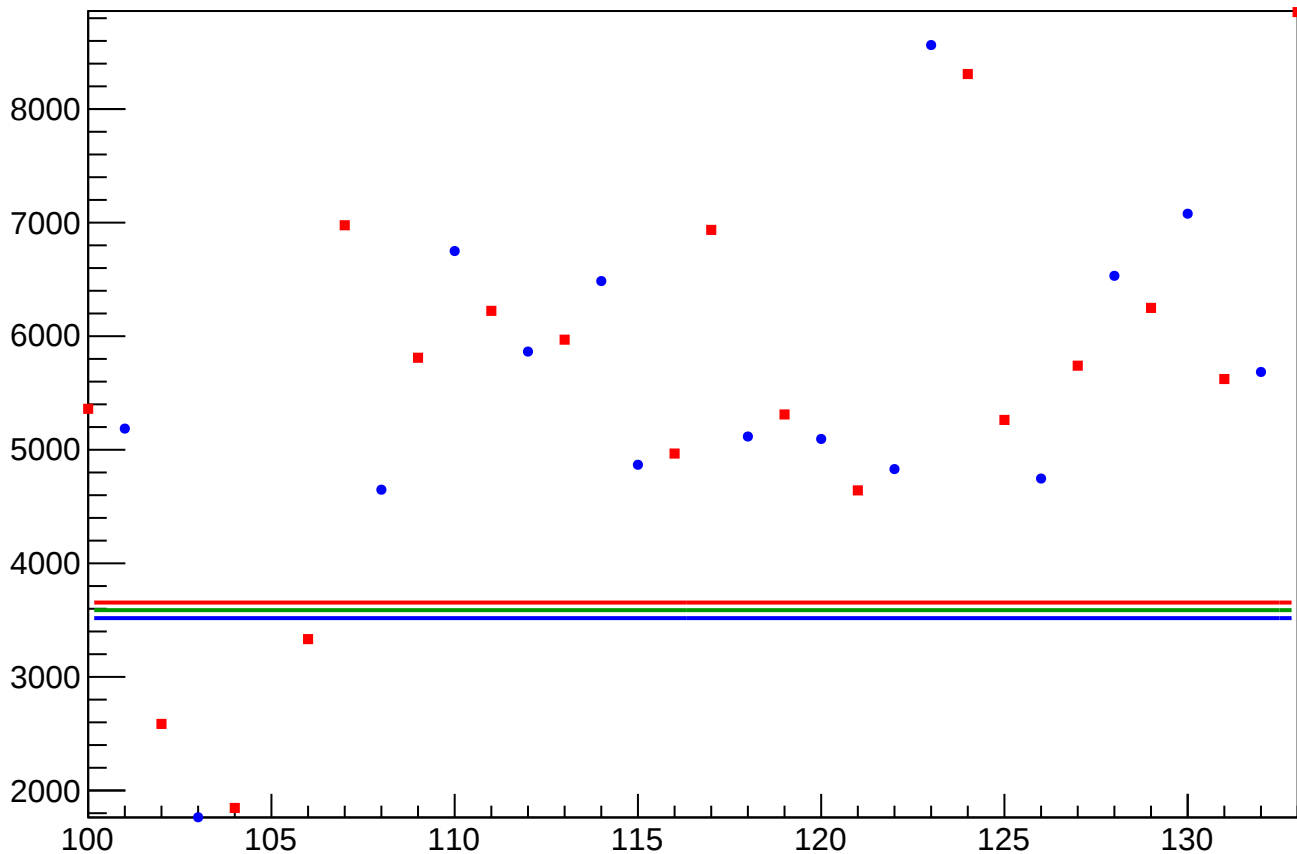
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3014.279+/-1692.894 χ^2/NDF : 13.1/14

2970.976+/-1186.422 χ^2/NDF : 29.1/32

2929.178+/-1663.208 χ^2/NDF : 16.0/17

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: 3654.737+/-1.168 χ^2/NDF : 2630955.0/17

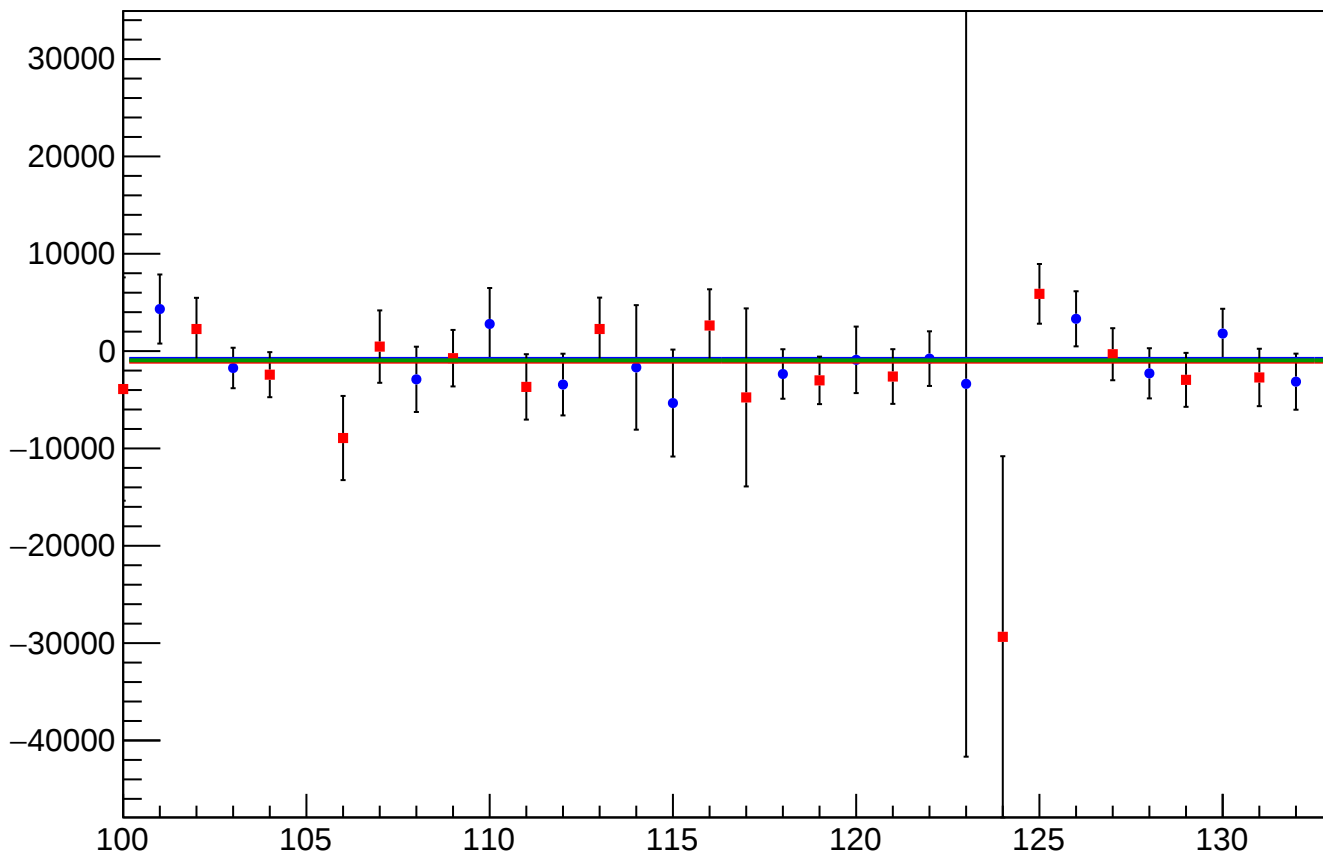
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3517.614+/-1.197 χ^2/NDF : 2529536.1/14

3587.878+/-0.836 χ^2/NDF : 5167214.9/32

3654.737+/-1.168 χ^2/NDF : 2630955.0/17

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: -1084.696+/-775.274 χ^2 /NDF: 17.1/17

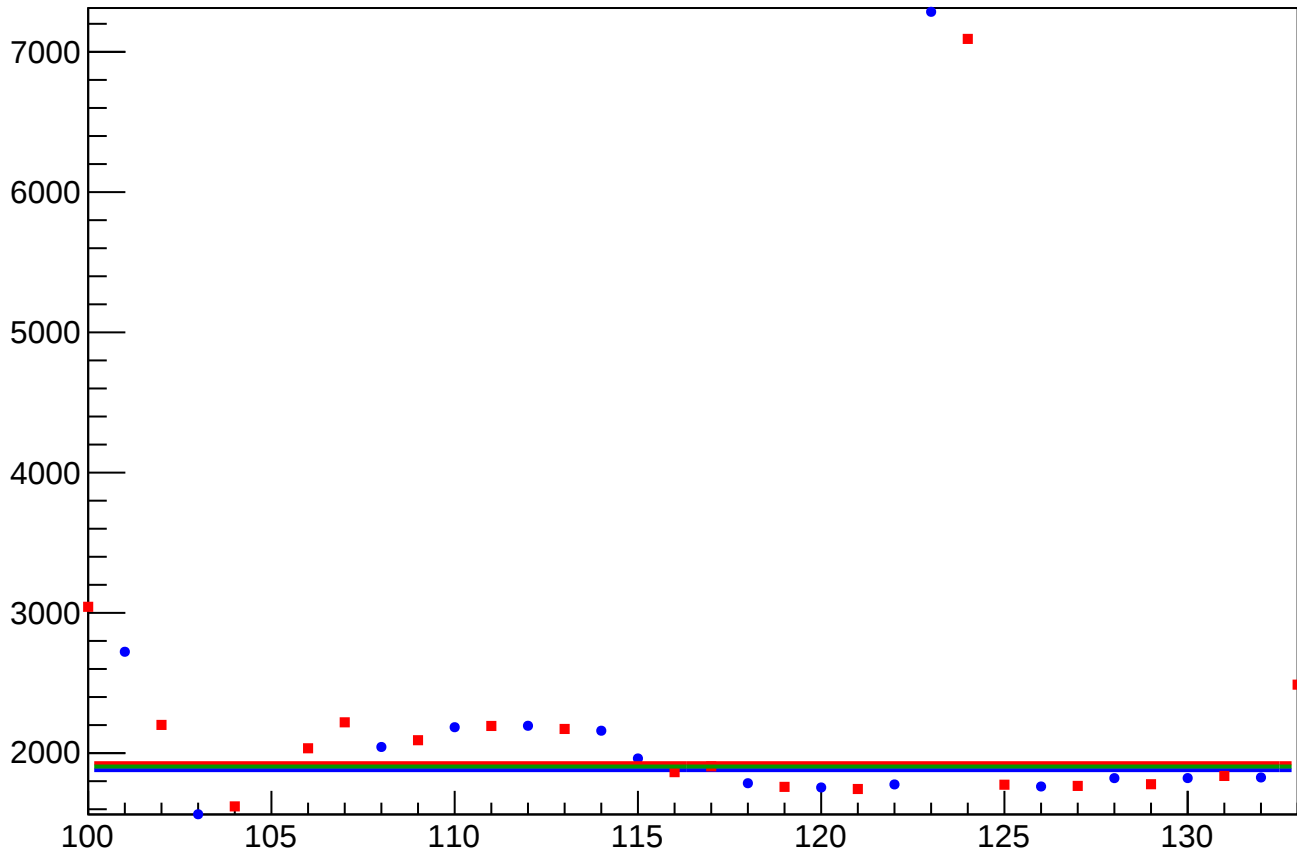
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-801.887+/-803.640 χ^2 /NDF: 9.6/14

-948.371+/-557.960 χ^2 /NDF: 26.7/32

-1084.696+/-775.274 χ^2 /NDF: 17.1/17

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: 1928.206+/-0.547 χ^2/NDF : 350282.2/17

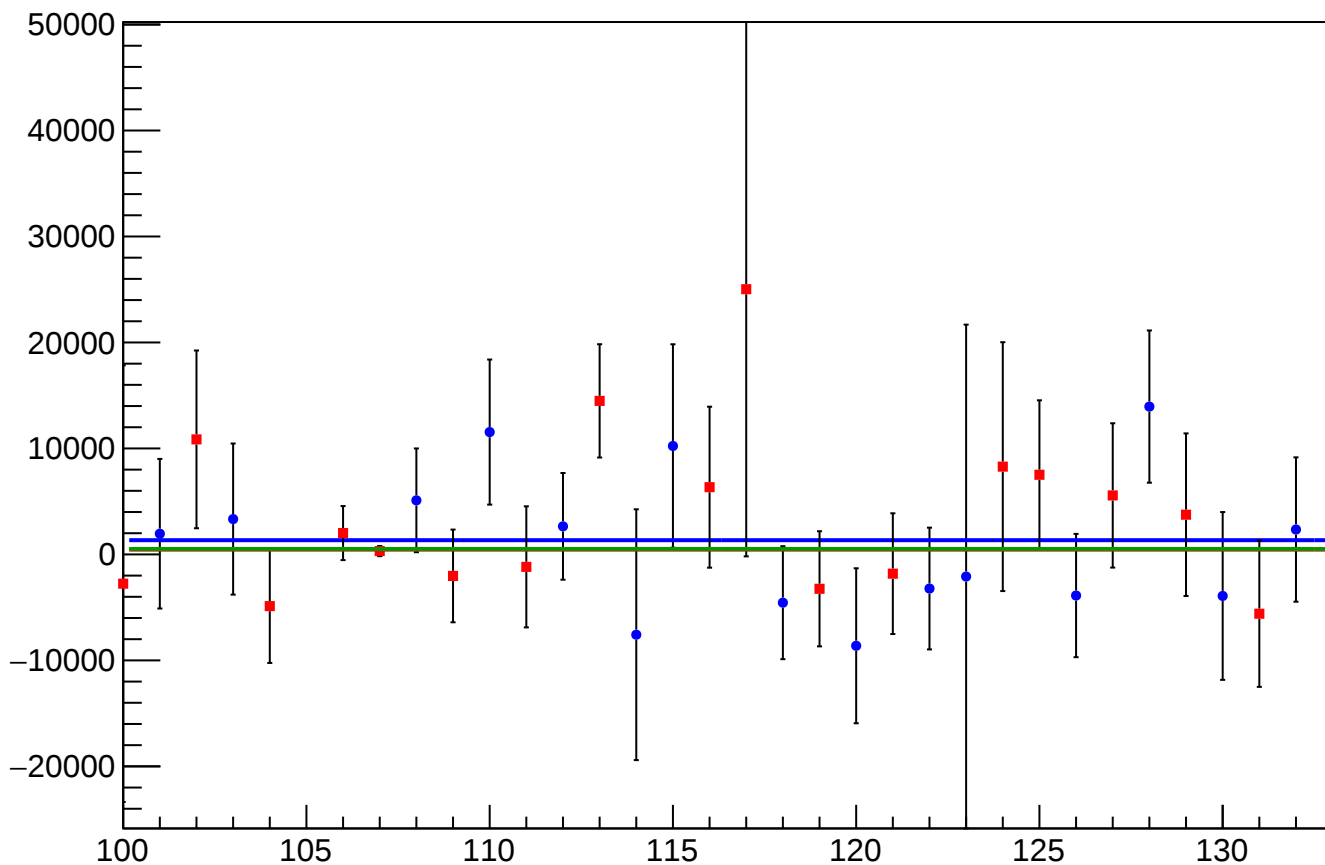
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1878.784+/-0.568 χ^2/NDF : 255568.6/14

1904.426+/-0.394 χ^2/NDF : 609775.1/32

1928.206+/-0.547 χ^2/NDF : 350282.2/17

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: 451.179+/-455.963 χ^2/NDF : 16.8/17

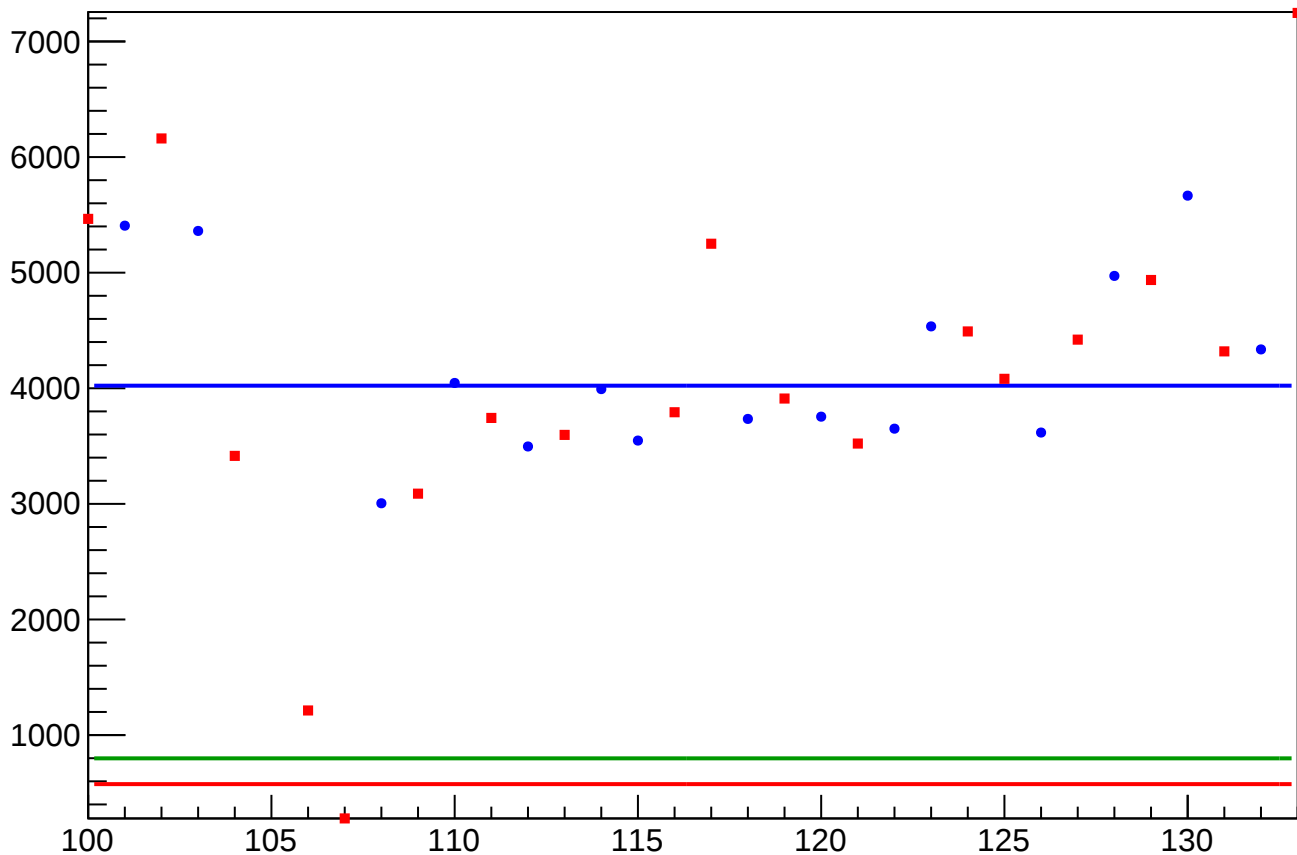
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1342.101+/-1733.731 χ^2/NDF : 12.5/14

508.814+/-440.968 χ^2/NDF : 29.6/32

451.179+/-455.963 χ^2/NDF : 16.8/17

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: 575.797+/-0.322 χ^2/NDF : 9390402.1/17

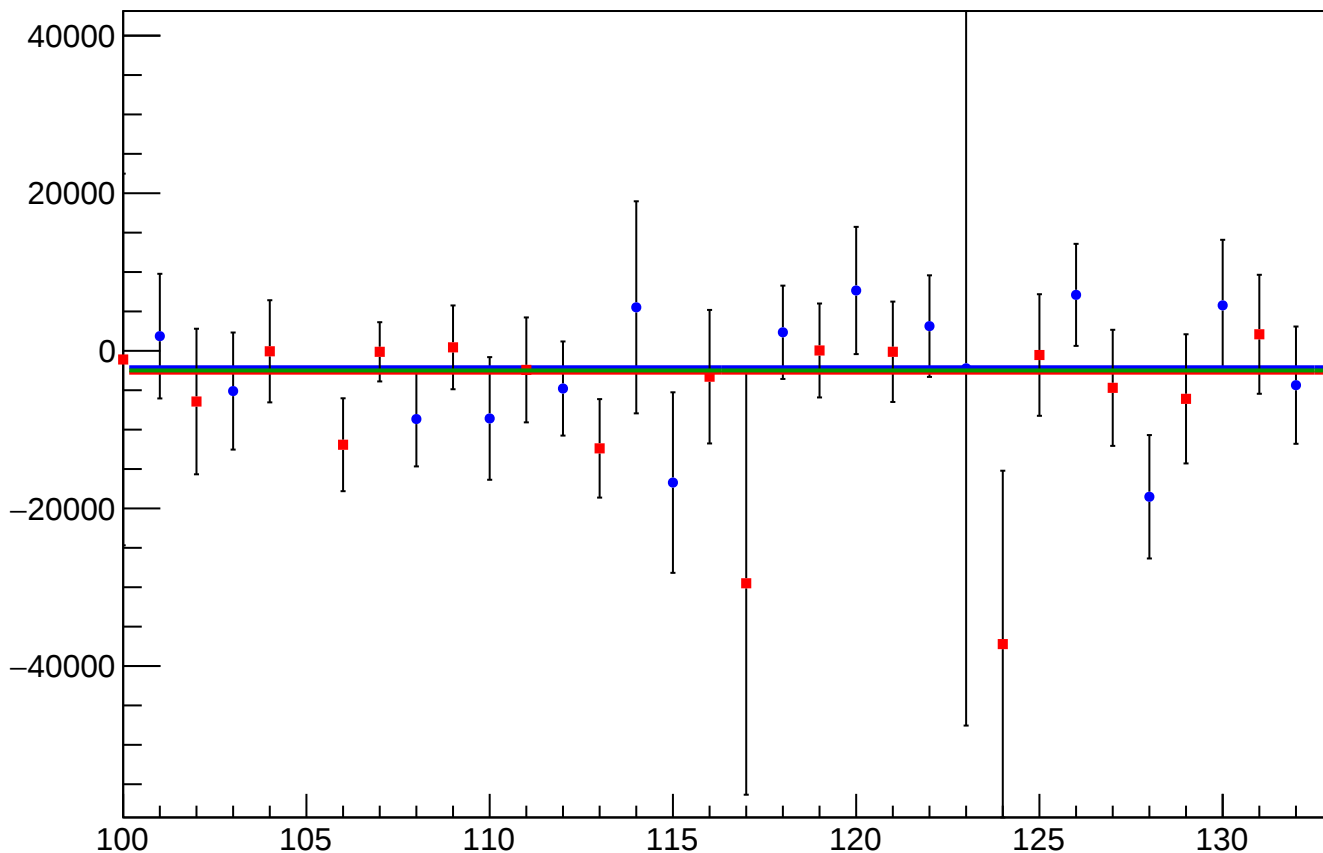
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4022.427+/-1.226 χ^2/NDF : 413476.8/14

798.767+/-0.312 χ^2/NDF : 17196702.8/32

575.797+/-0.322 χ^2/NDF : 9390402.1/17

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: -2771.094+/-1653.920 χ^2/NDF : 12.1/17

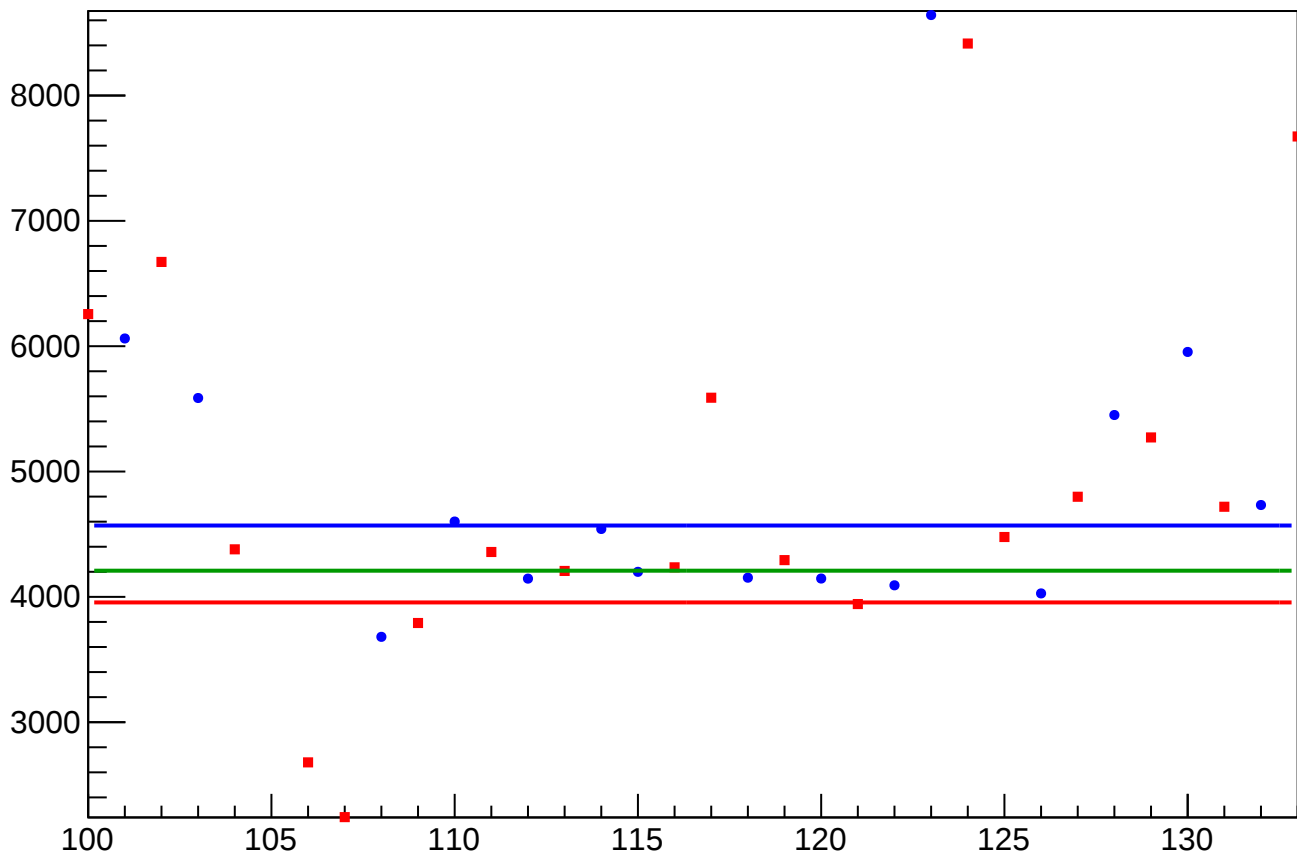
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2085.765+/-1959.138 χ^2/NDF : 14.5/14

-2485.913+/-1263.792 χ^2/NDF : 26.8/32

-2771.094+/-1653.920 χ^2/NDF : 12.1/17

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: 3955.590+/-1.161 χ^2/NDF : 1145820.5/17

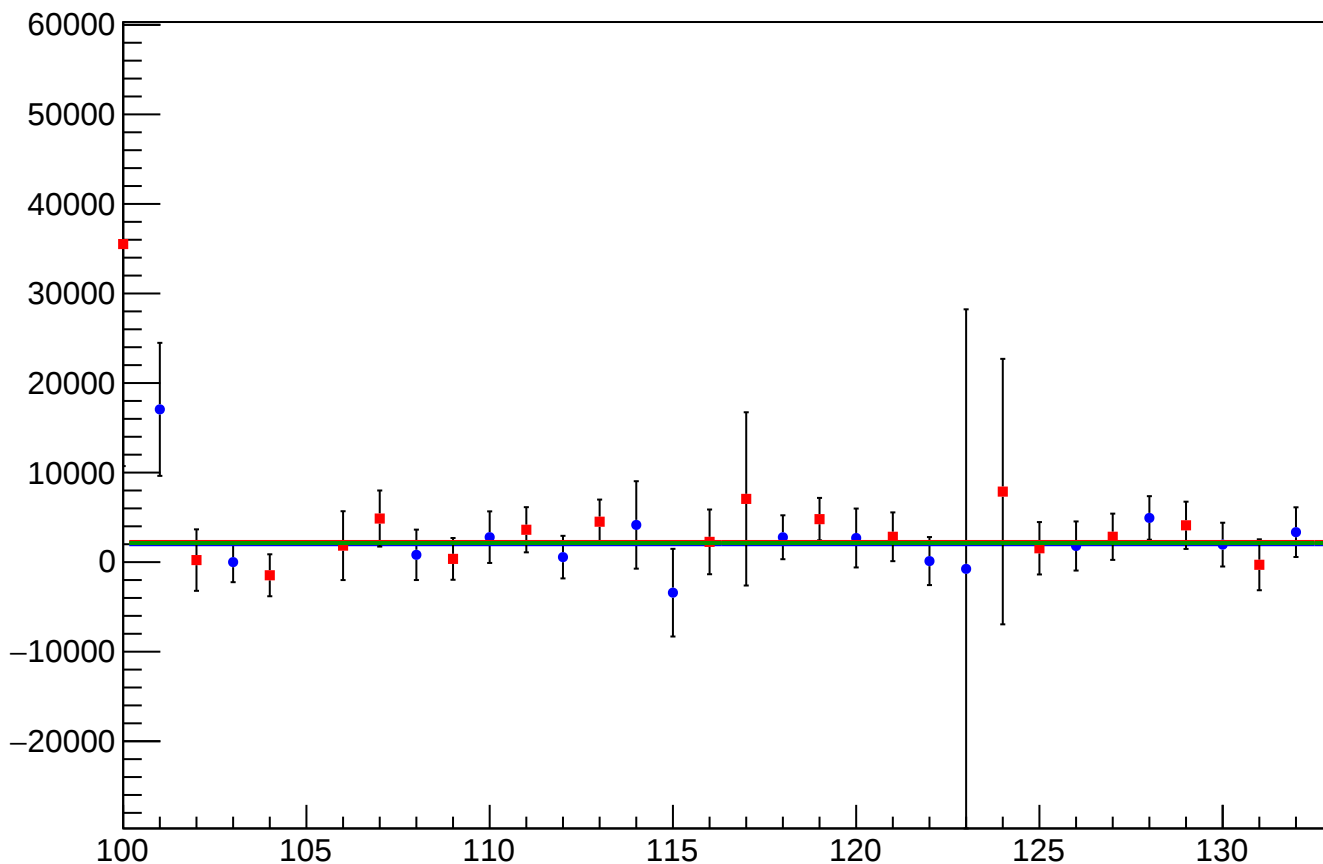
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4569.228+/-1.385 χ^2/NDF : 302772.0/14

4208.835+/-0.890 χ^2/NDF : 1563828.5/32

3955.590+/-1.161 χ^2/NDF : 1145820.5/17

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1999.162 $\pm$ 761.927 χ^2 /NDF: 9.3/14

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

Right Out: 2251.582 $\pm$ 708.567 χ^2 /NDF: 10.7/17

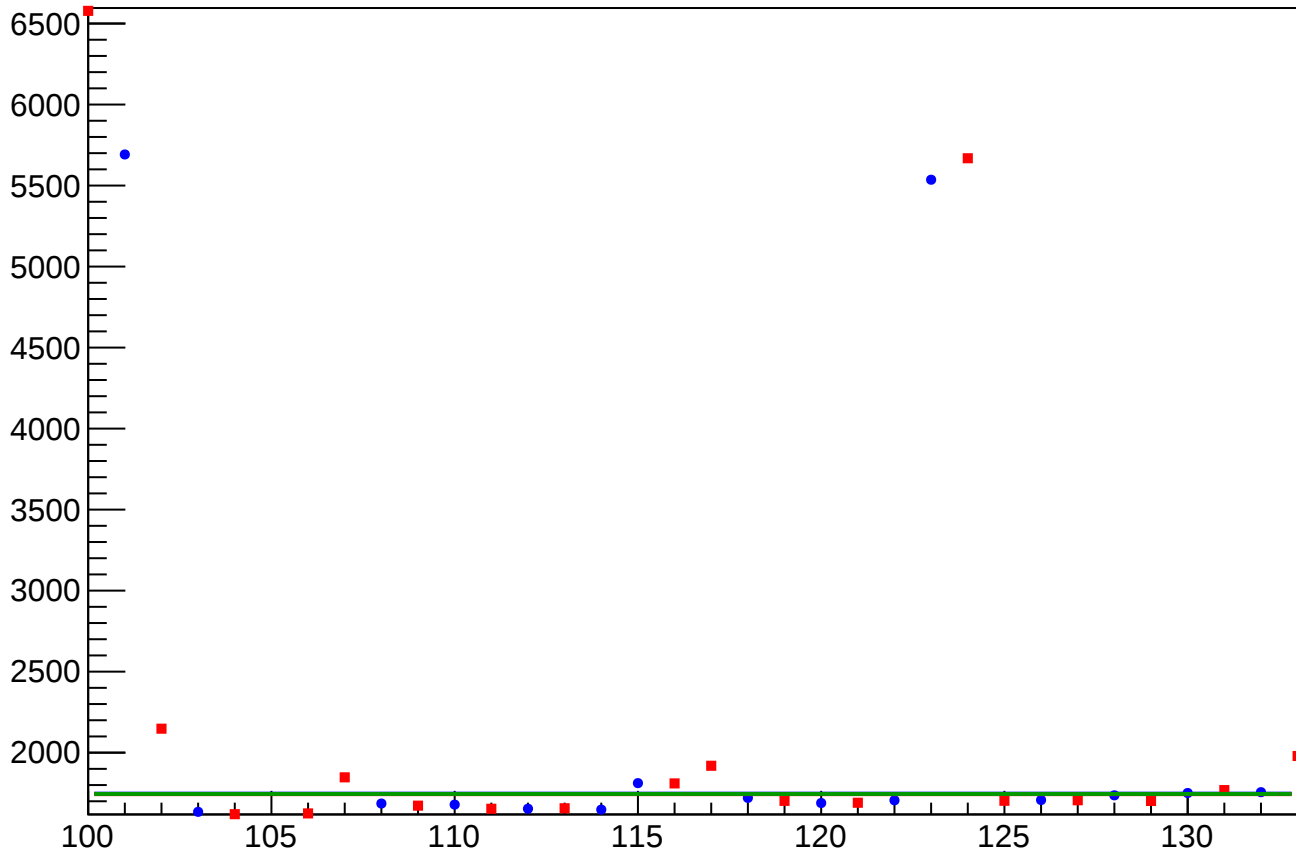
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1999.162 $\pm$ 761.927 χ^2 /NDF: 9.3/14

2134.520 $\pm$ 518.872 χ^2 /NDF: 20.1/32

2251.582 $\pm$ 708.567 χ^2 /NDF: 10.7/17

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1746.672 $\pm$ 0.539 χ^2 /NDF: 611378.5/14

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

Right Out: 1743.945 $\pm$ 0.497 χ^2 /NDF: 277749.5/17

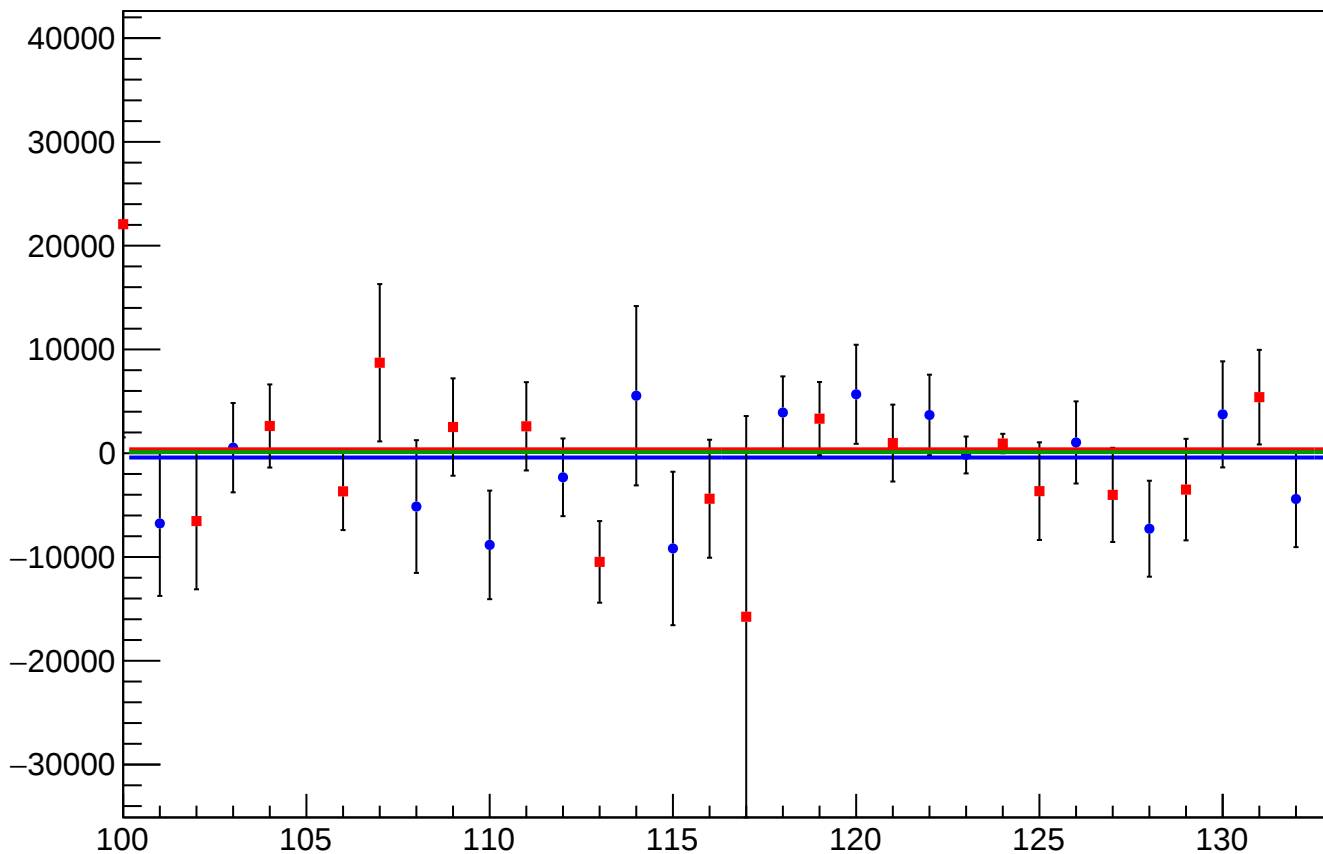
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1746.672 $\pm$ 0.539 χ^2 /NDF: 611378.5/14

1745.200 $\pm$ 0.365 χ^2 /NDF: 889141.8/32

1743.945 $\pm$ 0.497 χ^2 /NDF: 277749.5/17

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: 374.176+/-729.347 χ^2/NDF : 20.3/17

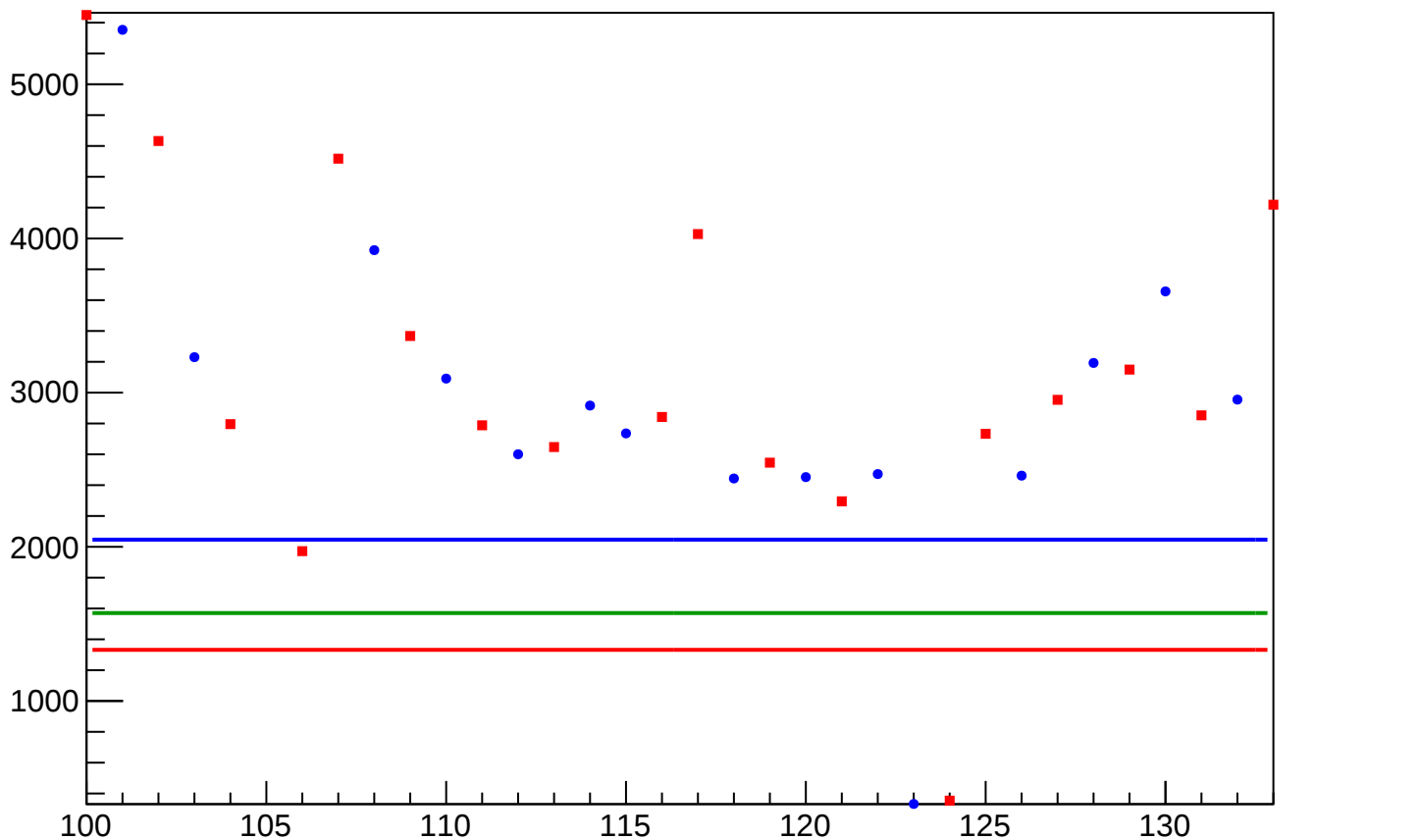
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-414.943+/-1030.075 χ^2/NDF : 14.2/14

110.667+/-595.244 χ^2/NDF : 34.9/32

374.176+/-729.347 χ^2/NDF : 20.3/17

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2046.542+/-0.728 χ^2/NDF : 3275922.9/14

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

Right Out: 1331.785+/-0.516 χ^2/NDF : 6167085.7/17

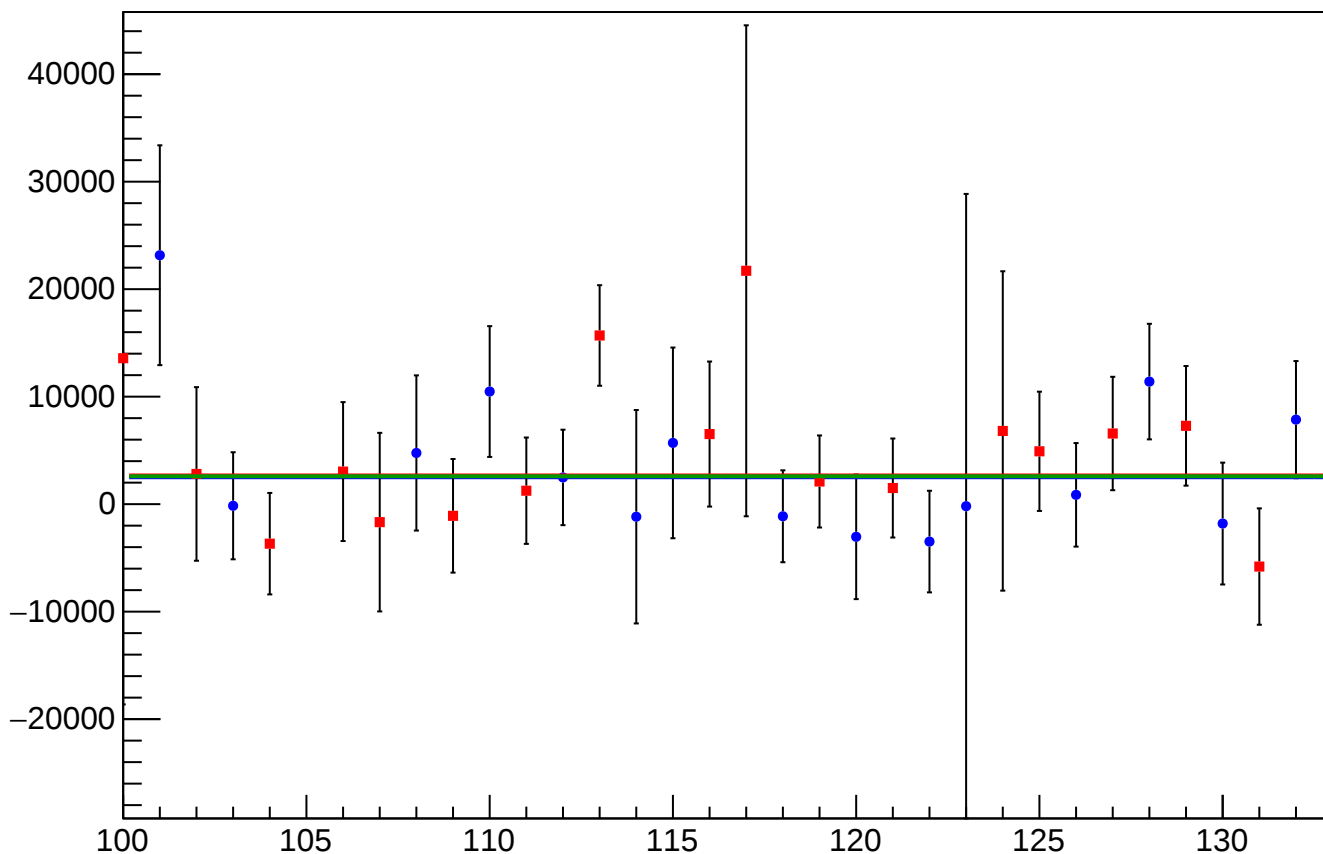
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2046.542+/-0.728 χ^2/NDF : 3275922.9/14

1570.463+/-0.421 χ^2/NDF : 10084410.8/3

1331.785+/-0.516 χ^2/NDF : 6167085.7/17

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: 2667.963+/-1405.137 χ^2/NDF : 17.7/17

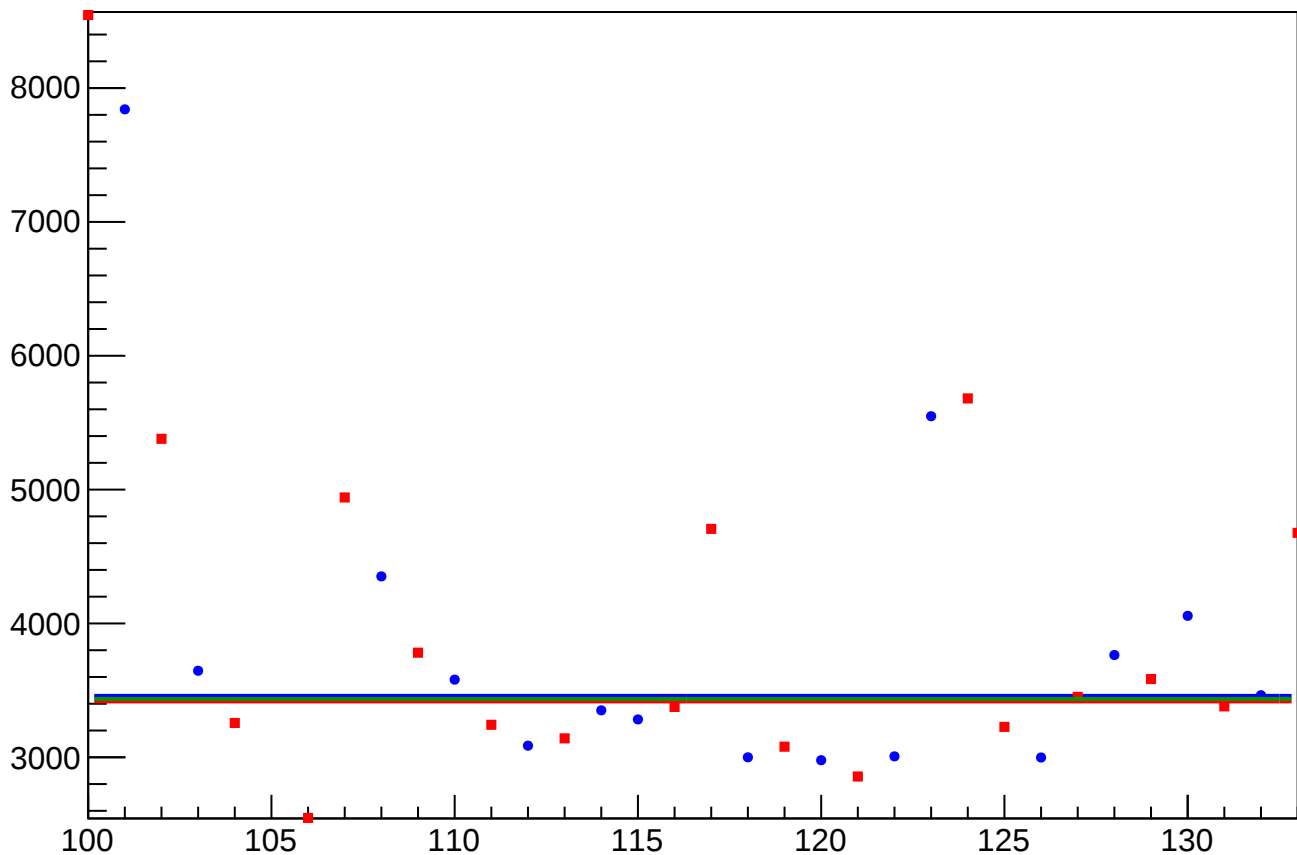
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2504.964+/-1503.111 χ^2/NDF : 14.1/14

2591.948+/-1026.472 χ^2/NDF : 31.8/32

2667.963+/-1405.137 χ^2/NDF : 17.7/17

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: 3417.512+/-0.979 χ^2/NDF : 477710.9/17

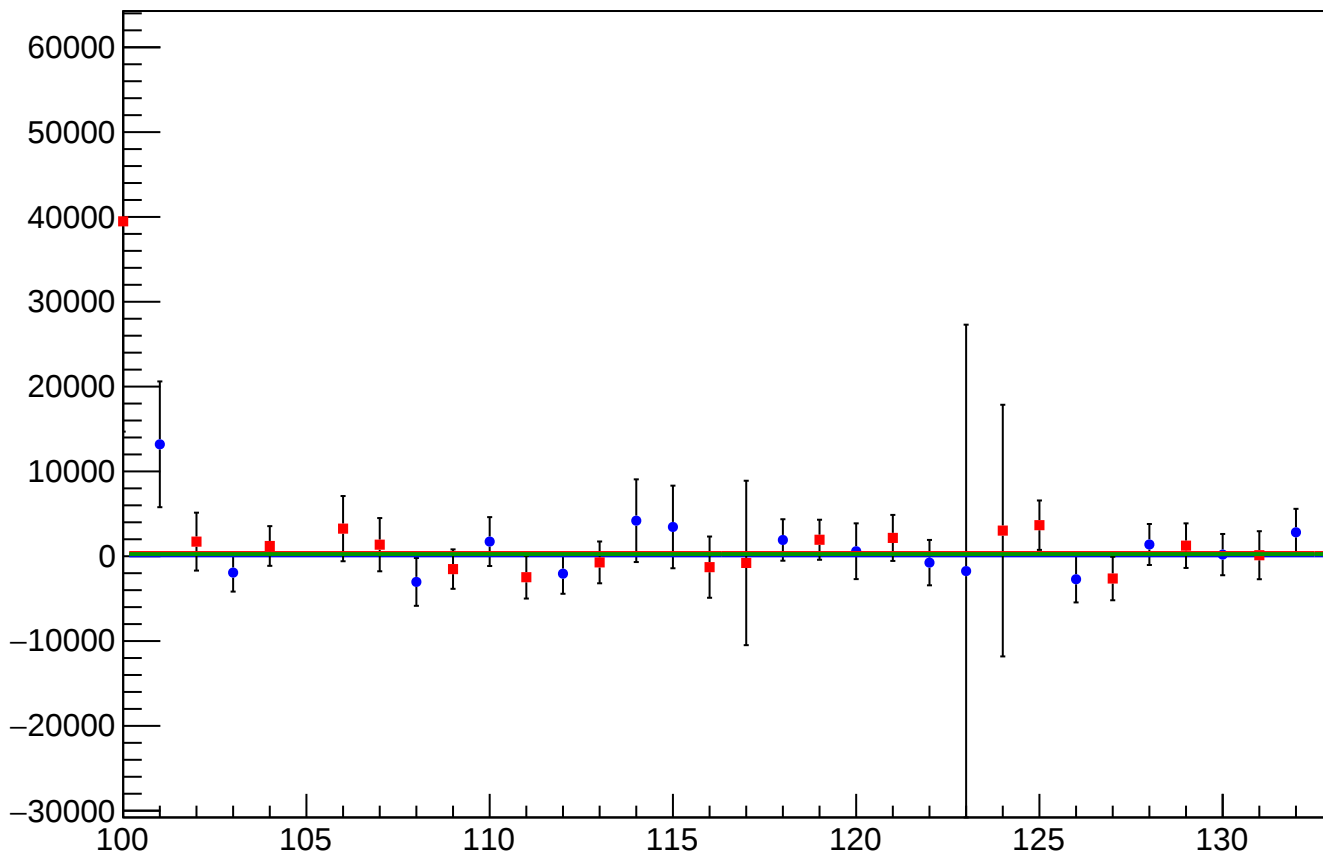
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3458.891+/-1.063 χ^2/NDF : 529065.1/14

3436.510+/-0.720 χ^2/NDF : 1007595.8/32

3417.512+/-0.979 χ^2/NDF : 477710.9/17

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: 376.060+/-706.221 χ^2/NDF : 9.5/17

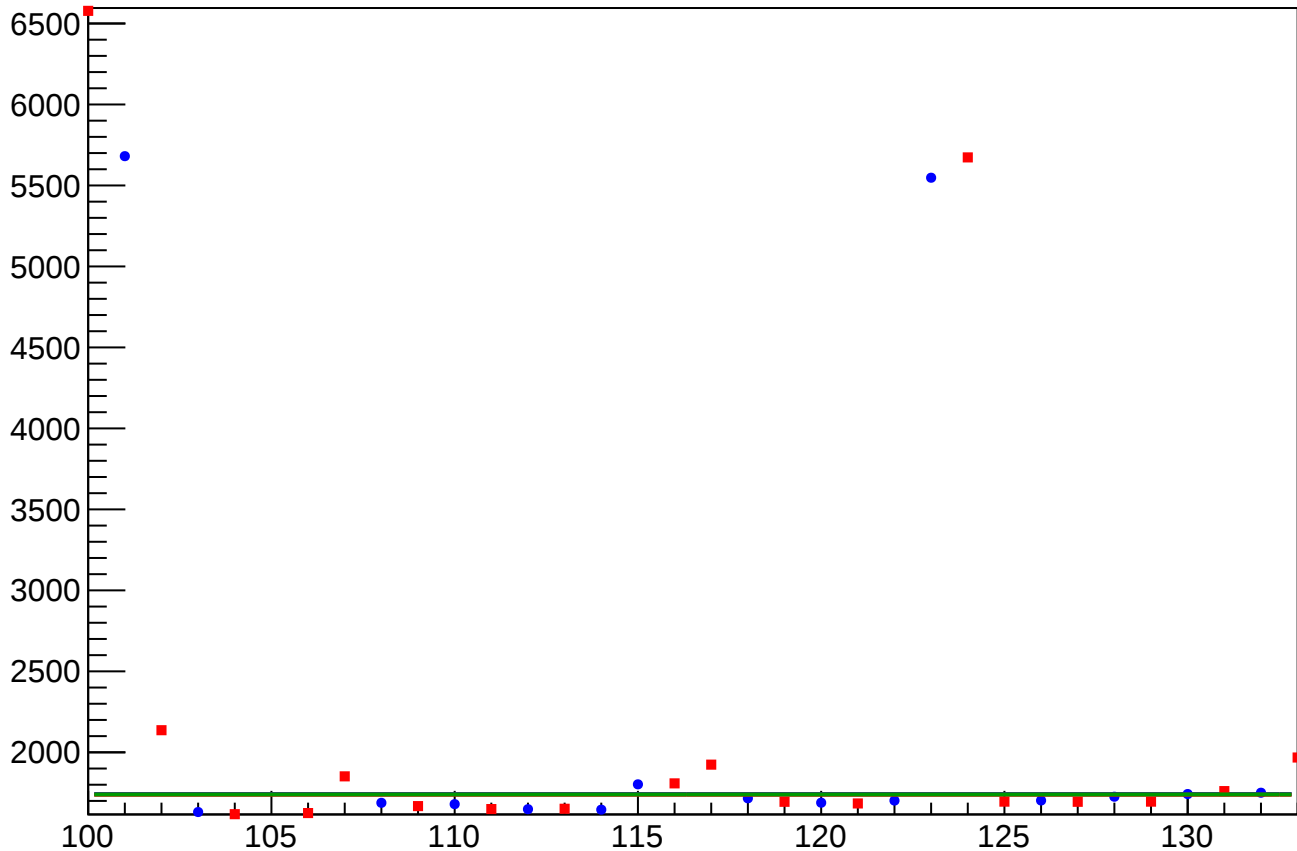
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.247+/-759.985 χ^2/NDF : 10.5/14

250.107+/-517.337 χ^2/NDF : 20.1/32

376.060+/-706.221 χ^2/NDF : 9.5/17

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: 1738.260+/-0.496 χ^2/NDF : 277702.0/17

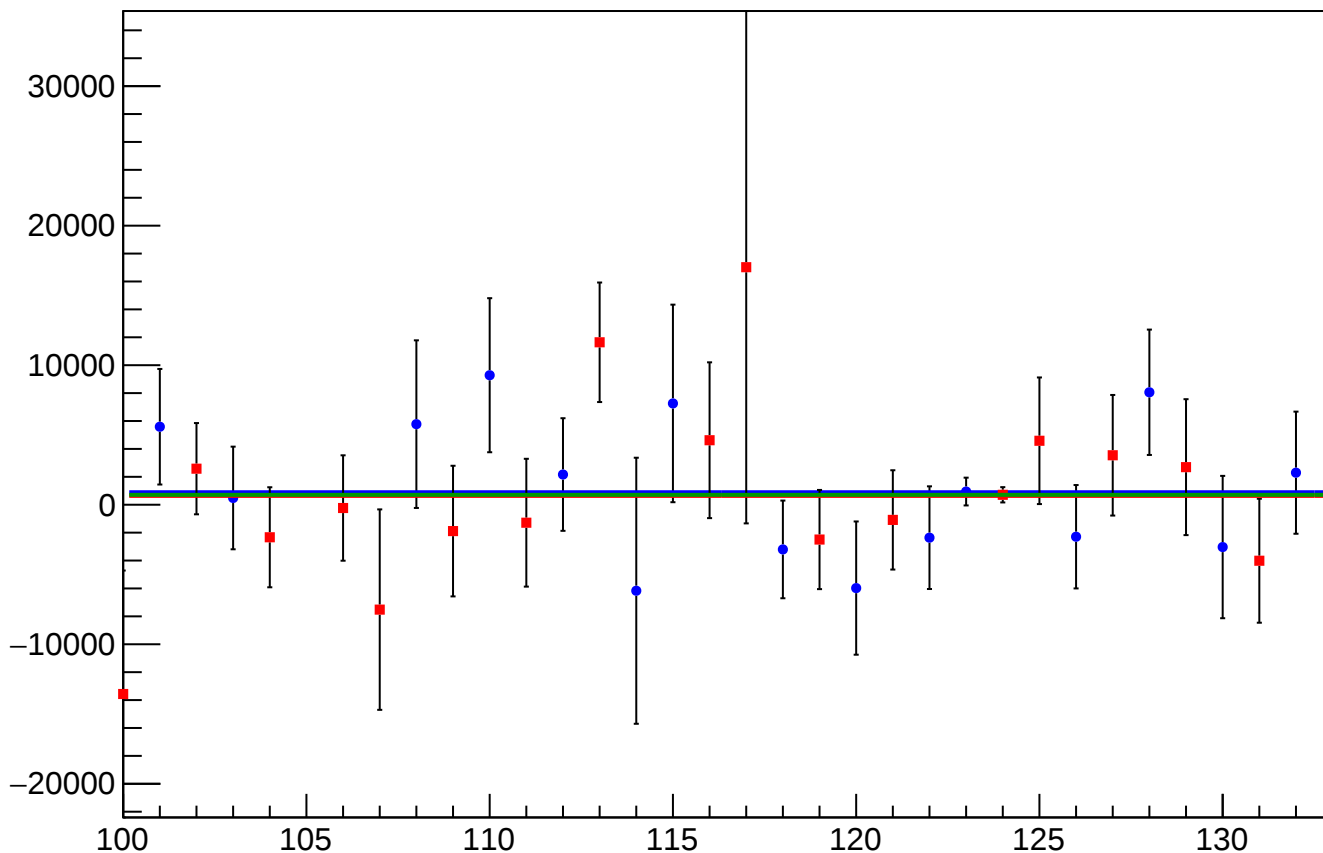
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1742.189+/-0.537 χ^2/NDF : 611257.1/14

1740.067+/-0.364 χ^2/NDF : 888987.9/32

1738.260+/-0.496 χ^2/NDF : 277702.0/17

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: 633.146+/-490.172 χ^2/NDF : 18.5/17

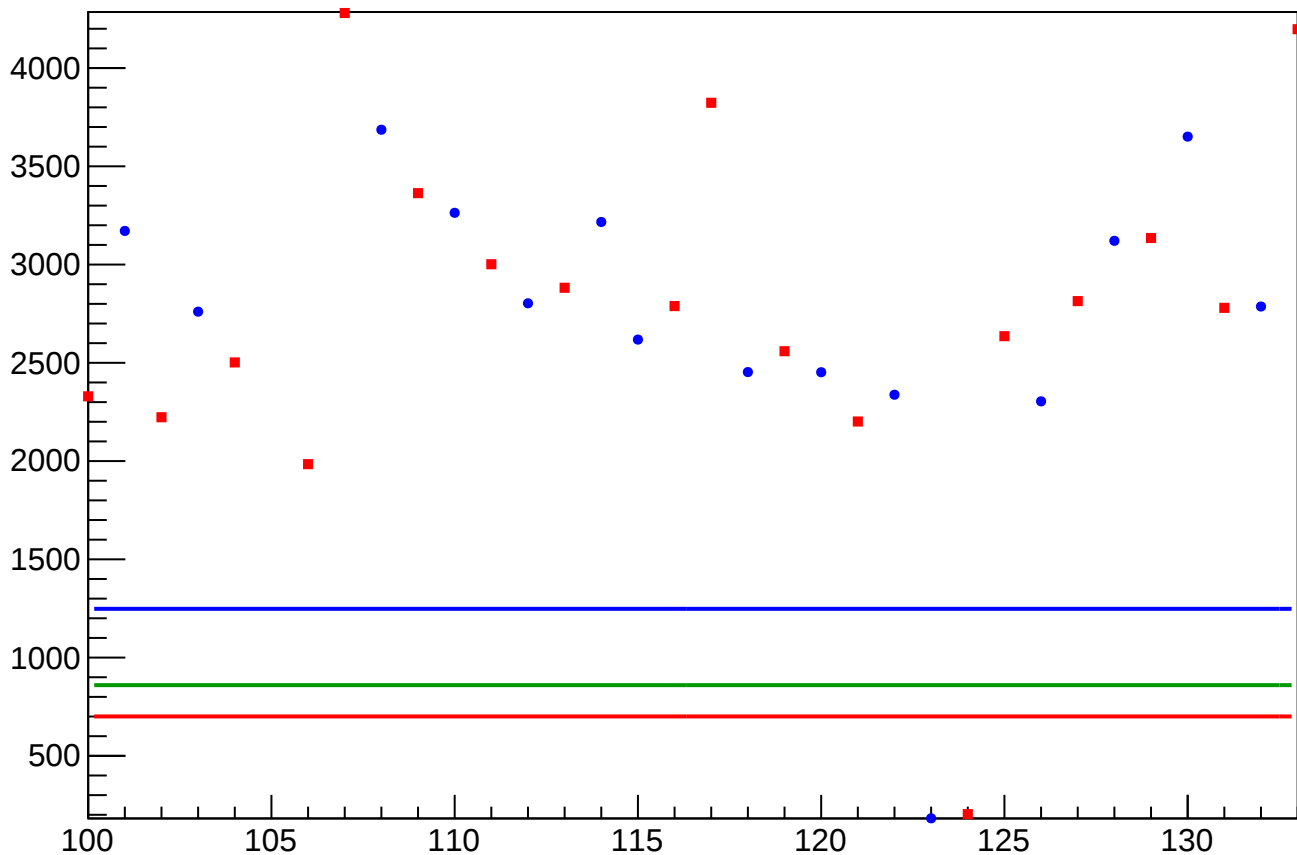
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

894.802+/-765.395 χ^2/NDF : 13.9/14

709.248+/-412.780 χ^2/NDF : 32.5/32

633.146+/-490.172 χ^2/NDF : 18.5/17

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: 700.479+/-0.347 χ^2/NDF : 8663513.3/17

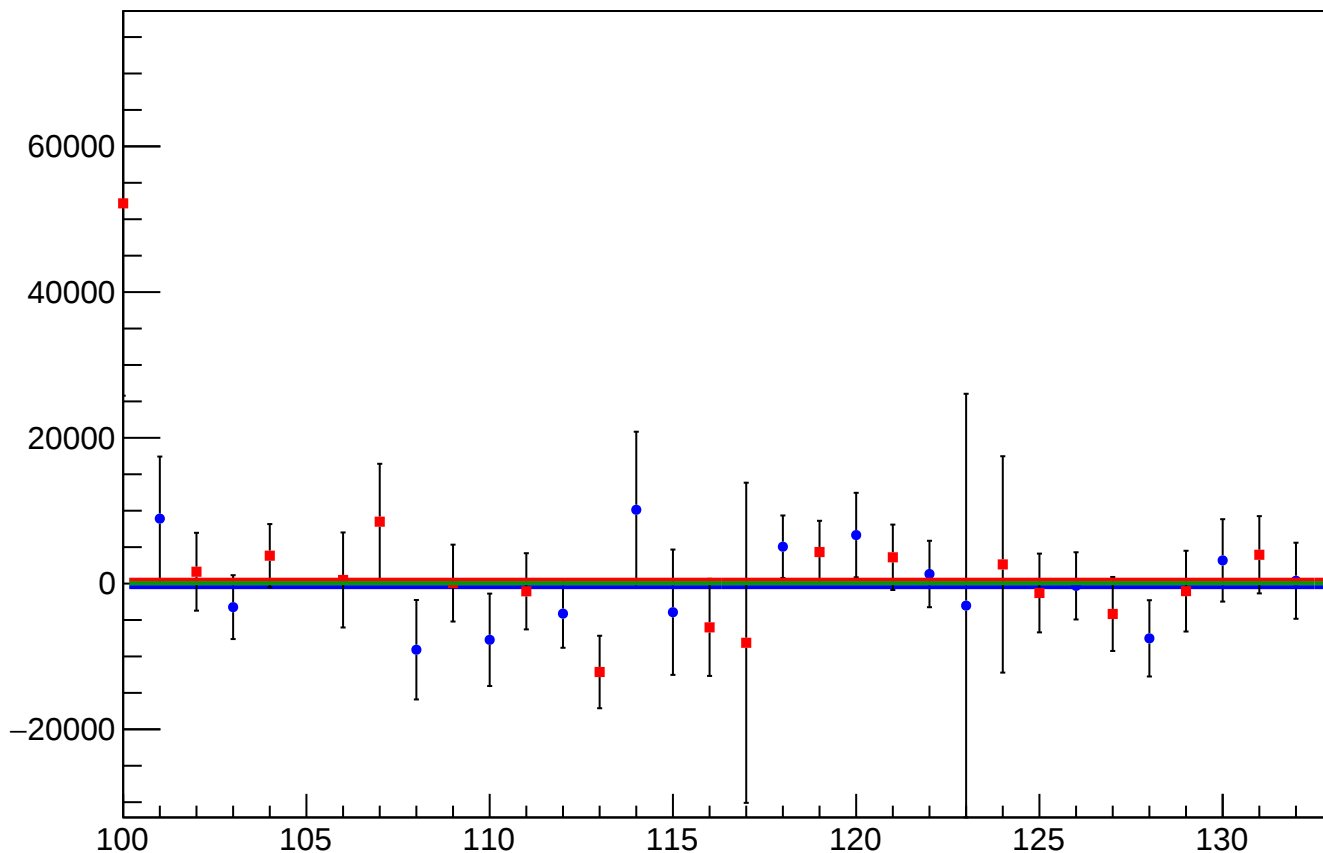
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1248.114+/-0.541 χ^2/NDF : 5857343.8/14

859.758+/-0.292 χ^2/NDF : 15246929.6/32

700.479+/-0.347 χ^2/NDF : 8663513.3/17

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: 530.428+/-1365.805 χ^2/NDF : 17.0/17

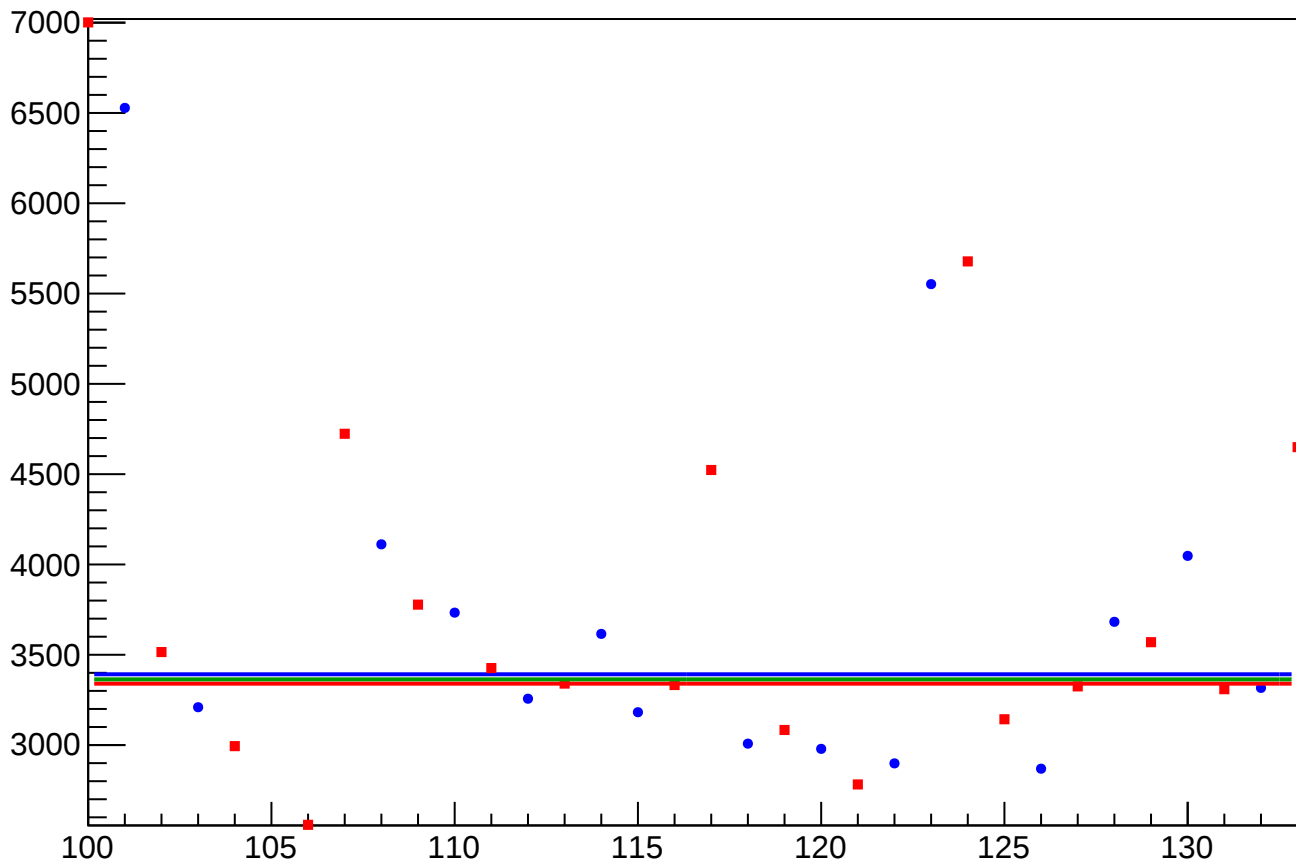
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-489.185+/-1466.469 χ^2/NDF : 11.9/14

56.814+/-999.464 χ^2/NDF : 29.1/32

530.428+/-1365.805 χ^2/NDF : 17.0/17

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: 3340.111+/-0.953 χ^2/NDF : 342877.7/17

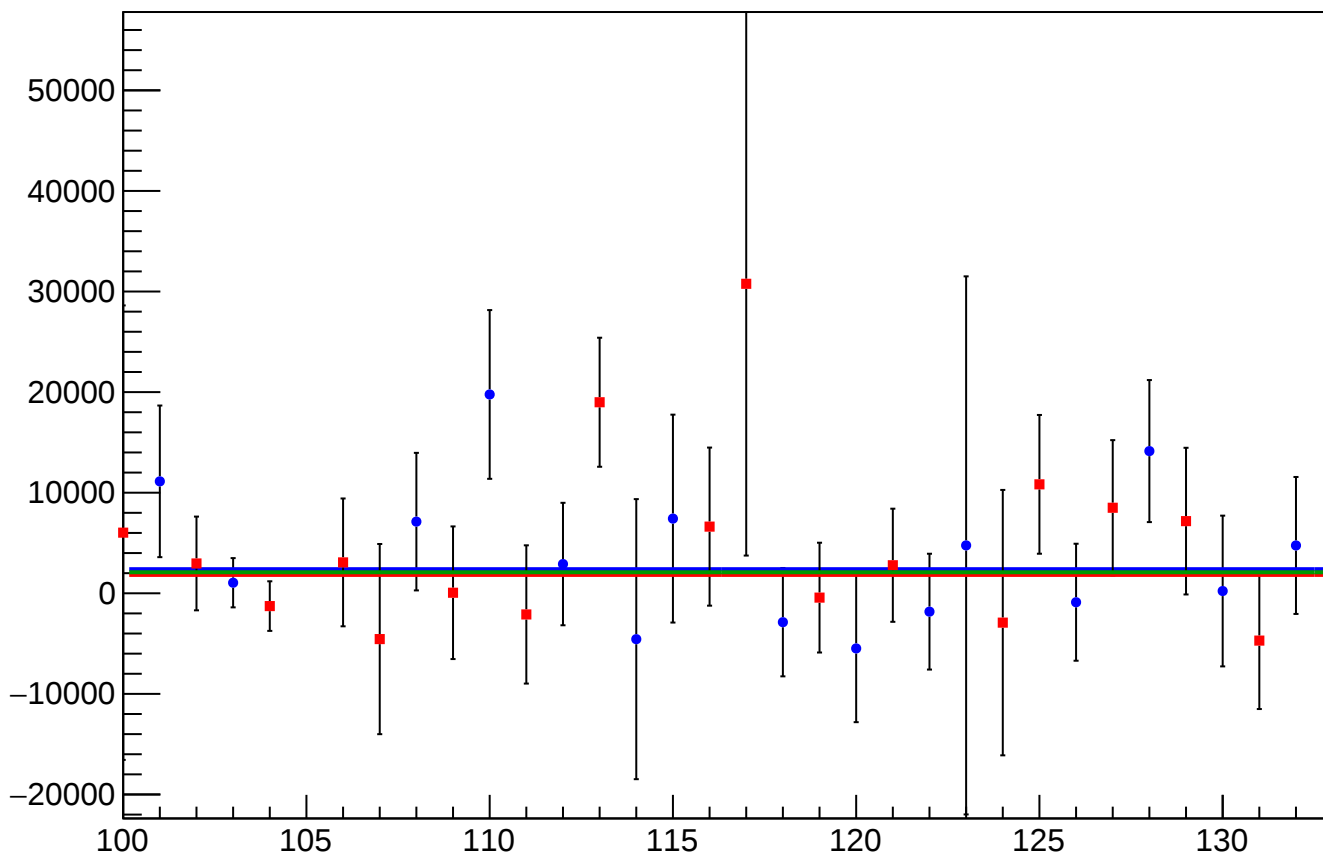
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3391.983+/-1.037 χ^2/NDF : 426311.4/14

3363.852+/-0.702 χ^2/NDF : 770546.3/32

3340.111+/-0.953 χ^2/NDF : 342877.7/17

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2397.726 $\pm$ 1515.935 χ^2 /NDF: 12.8/14

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

Right Out: 1827.113 $\pm$ 1415.384 χ^2 /NDF: 17.8/17

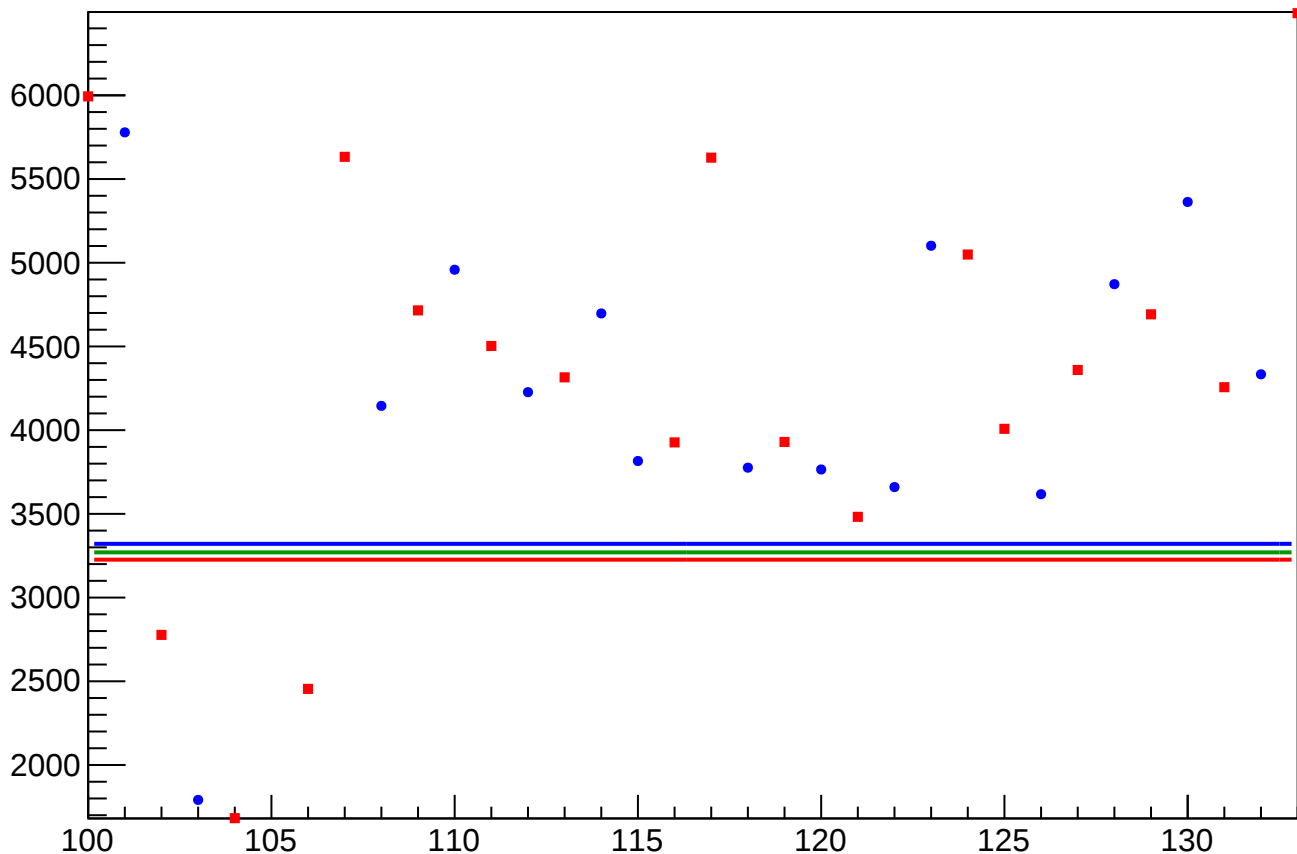
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2397.726 $\pm$ 1515.935 χ^2 /NDF: 12.8/14

2092.869 $\pm$ 1034.550 χ^2 /NDF: 30.7/32

1827.113 $\pm$ 1415.384 χ^2 /NDF: 17.8/17

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: 3226.396+/-0.991 χ^2/NDF : 1764657.9/17

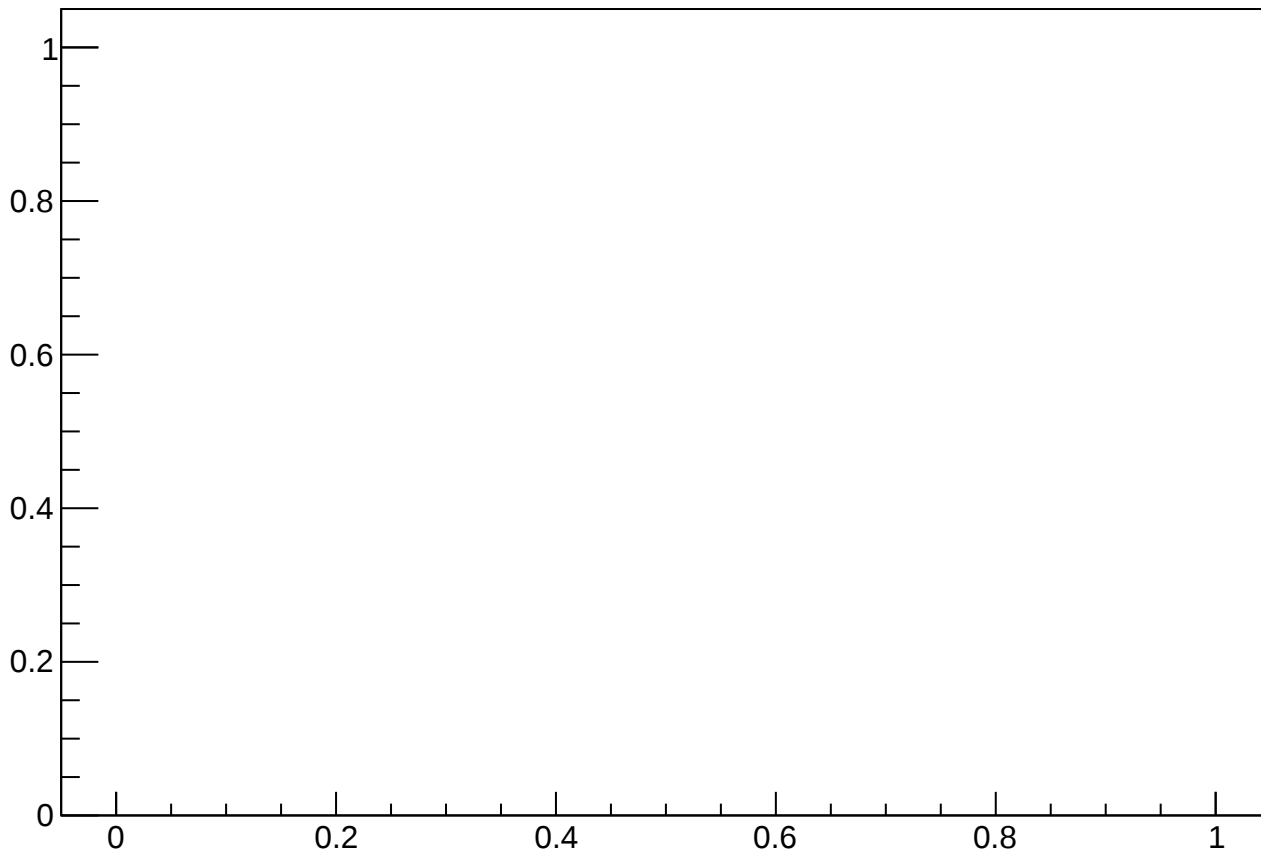
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3321.037+/-1.072 χ^2/NDF : 1498717.5/14

3270.022+/-0.728 χ^2/NDF : 3267577.5/32

3226.396+/-0.991 χ^2/NDF : 1764657.9/17

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

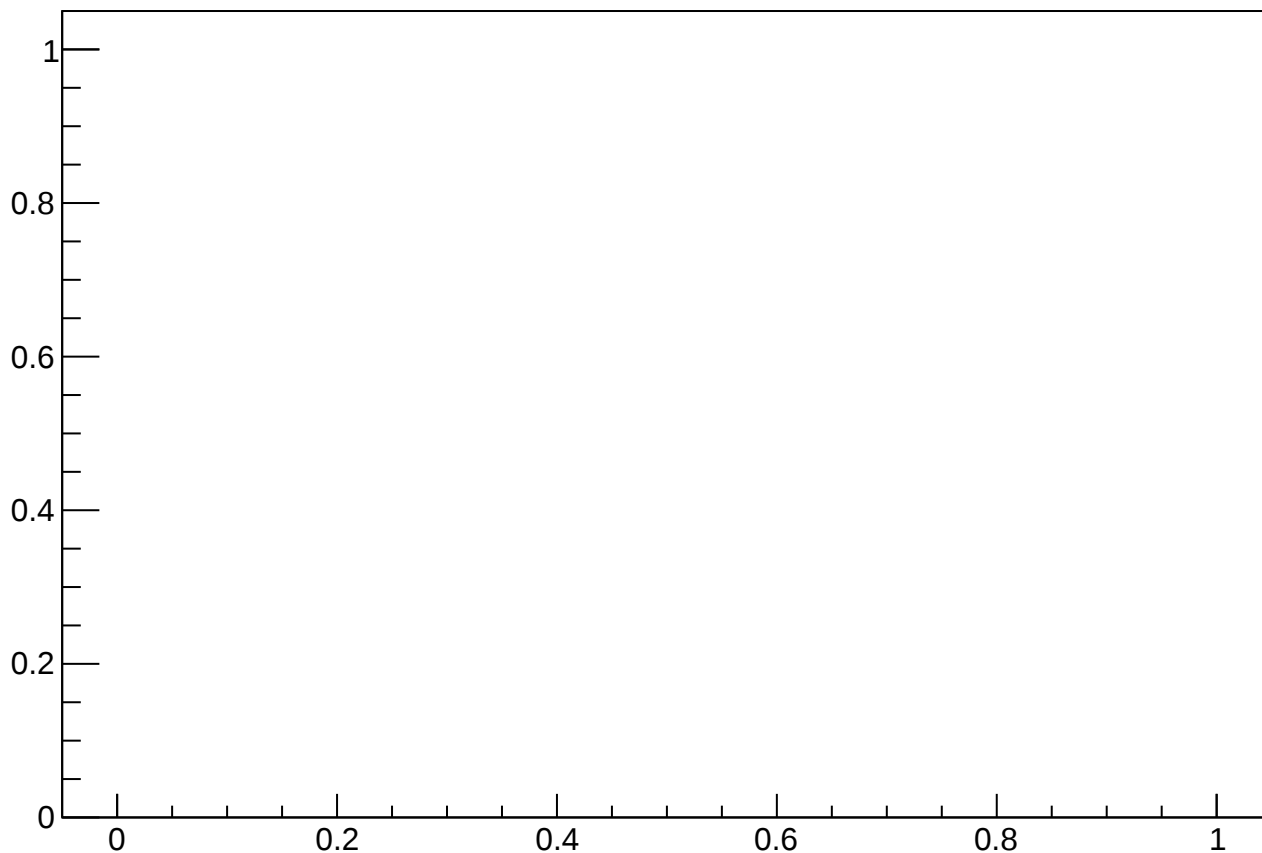
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

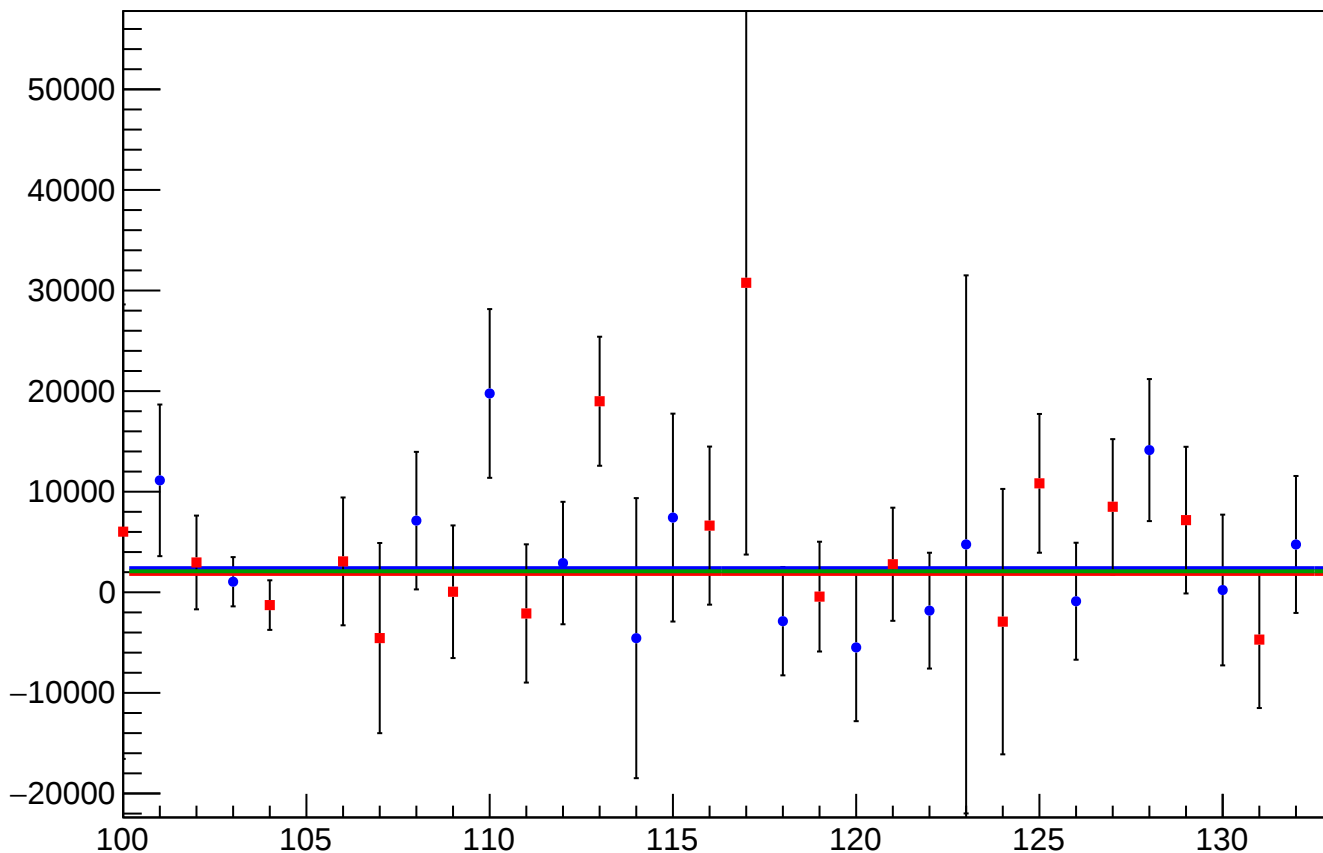
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1827.113+/-1415.384 χ^2/NDF : 17.8/17

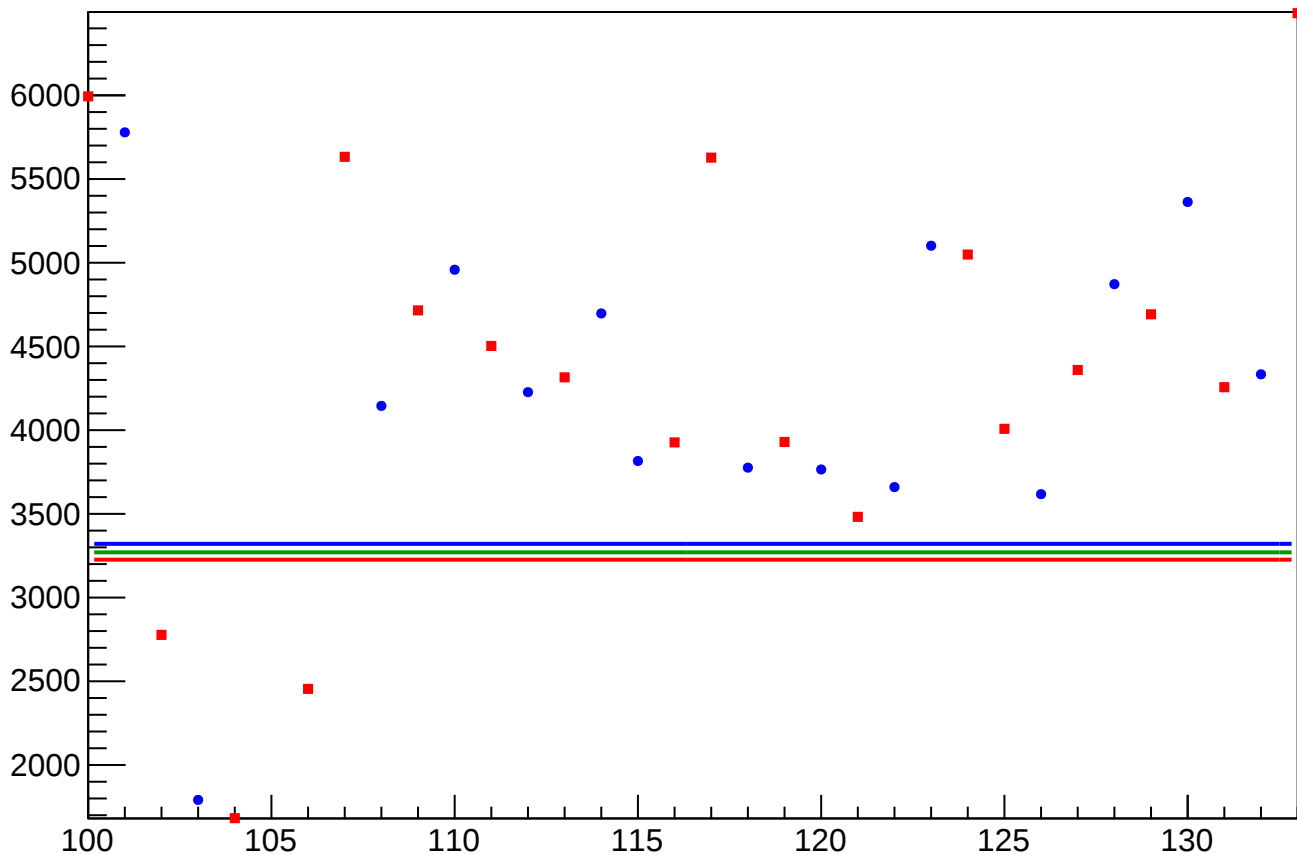
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2397.726+/-1515.935 χ^2/NDF : 12.8/14

2092.869+/-1034.550 χ^2/NDF : 30.7/32

1827.113+/-1415.384 χ^2/NDF : 17.8/17

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: 3226.396+/-0.991 χ^2/NDF : 1764657.9/17

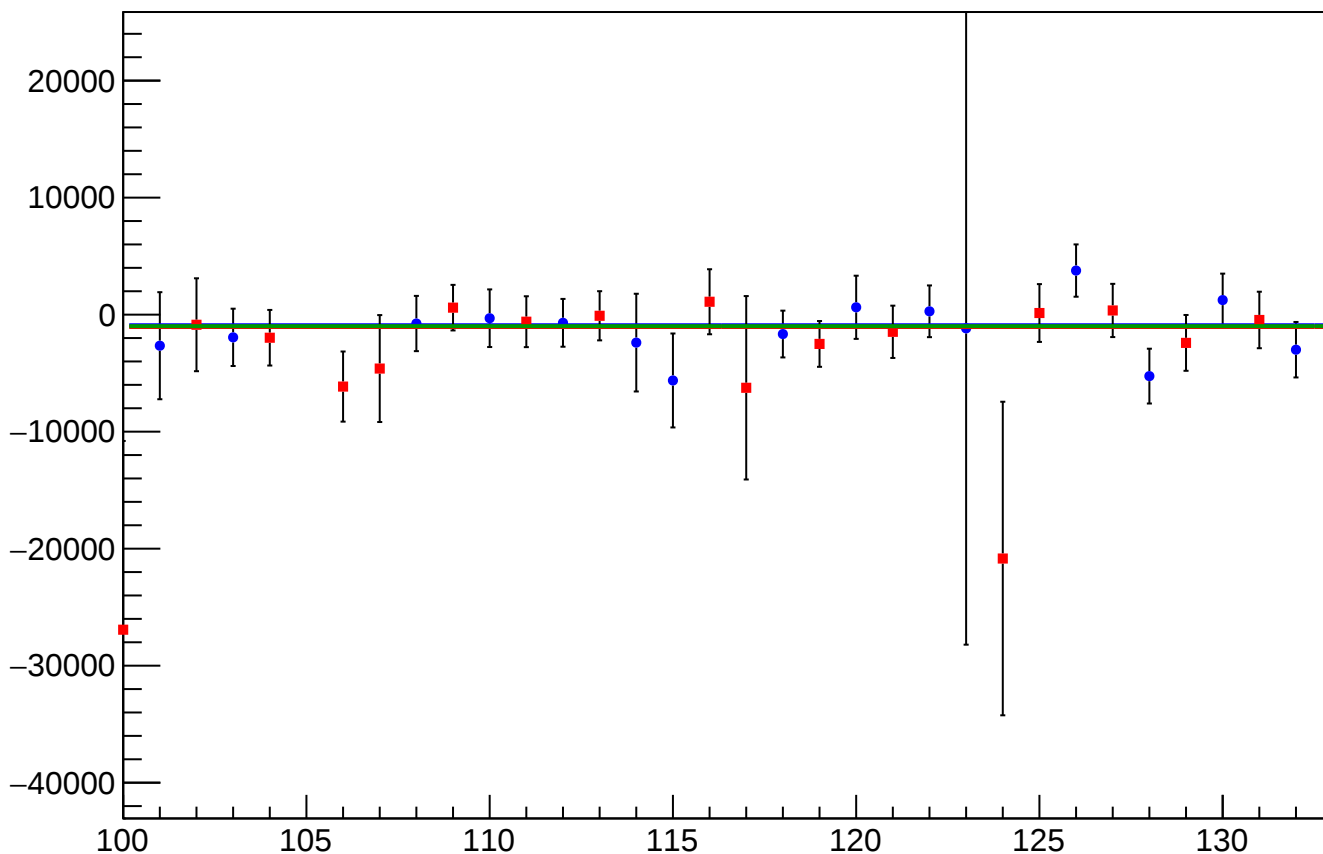
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3321.037+/-1.072 χ^2/NDF : 1498717.5/14

3270.022+/-0.728 χ^2/NDF : 3267577.5/32

3226.396+/-0.991 χ^2/NDF : 1764657.9/17

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: -1054.894+/-631.058 χ^2/NDF : 12.9/17

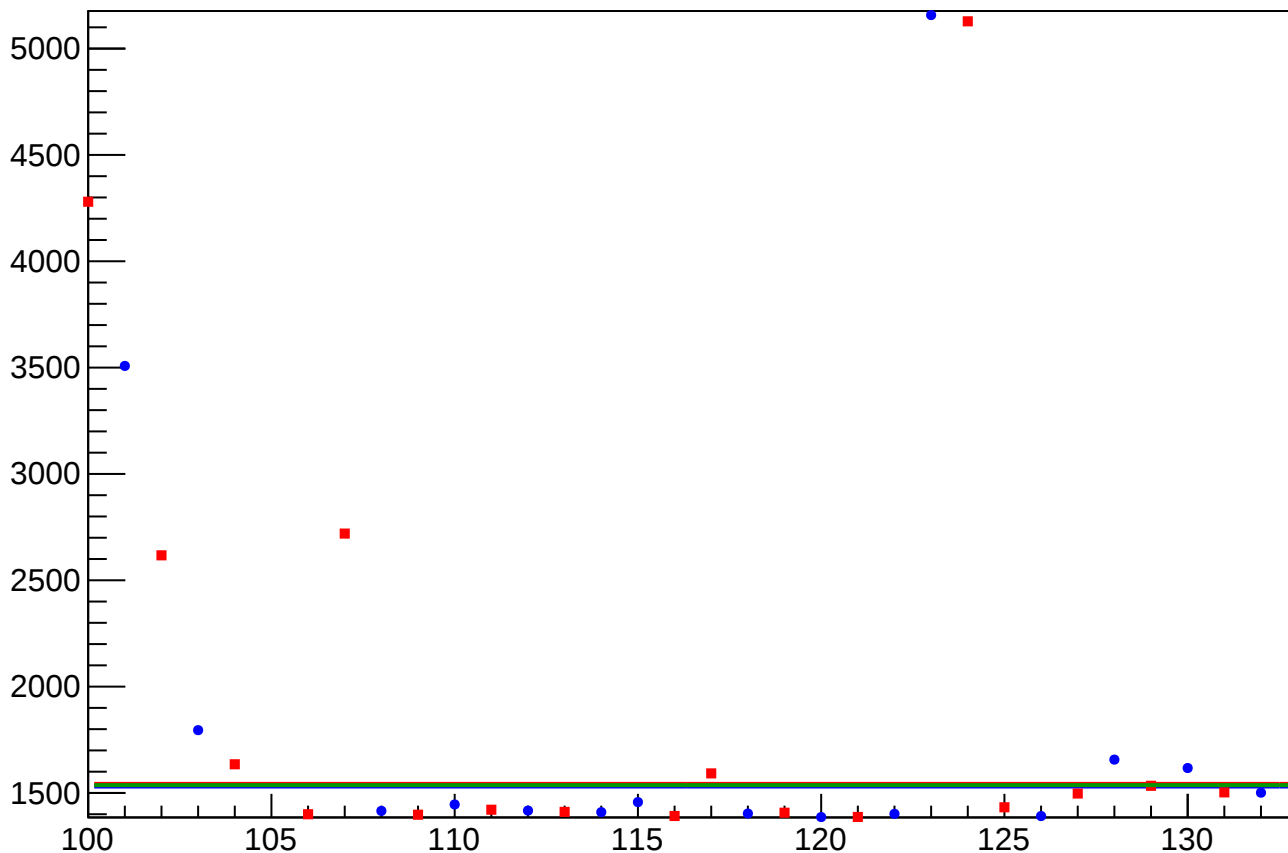
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-905.821+/-664.022 χ^2/NDF : 12.2/14

-984.149+/-457.435 χ^2/NDF : 25.1/32

-1054.894+/-631.058 χ^2/NDF : 12.9/17

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: 1542.660+/-0.446 χ^2/NDF : 621361.3/17

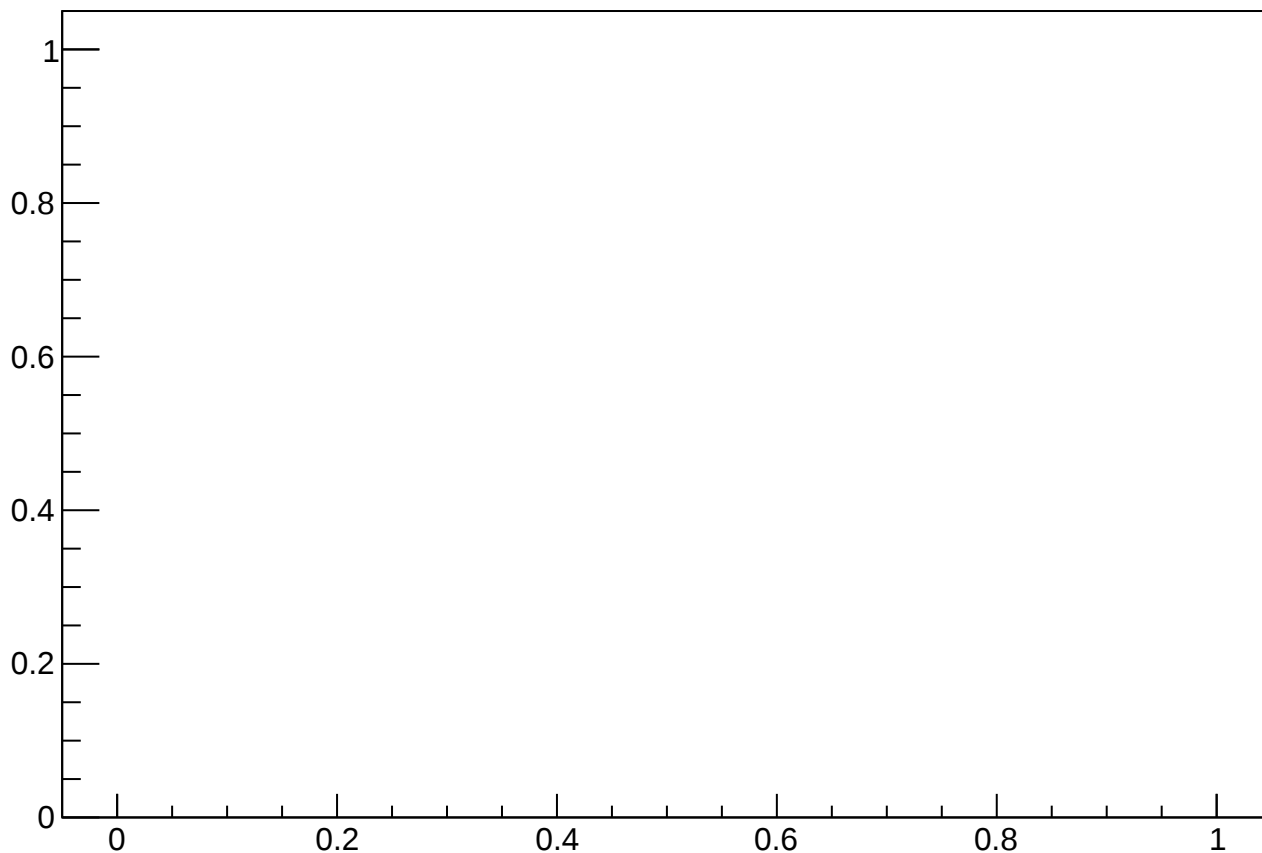
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1530.289+/-0.470 χ^2/NDF : 485993.6/14

1536.789+/-0.323 χ^2/NDF : 1107719.7/32

1542.660+/-0.446 χ^2/NDF : 621361.3/17

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

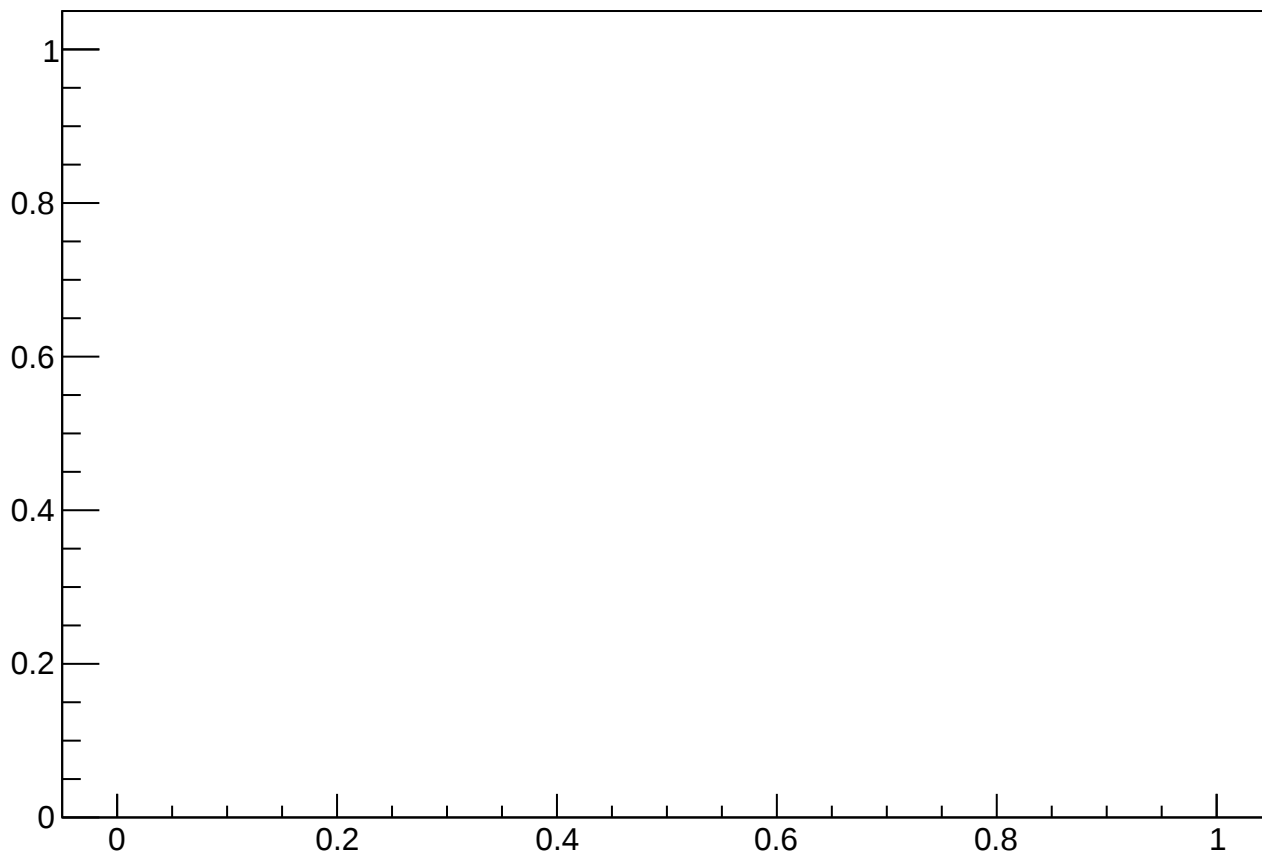
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

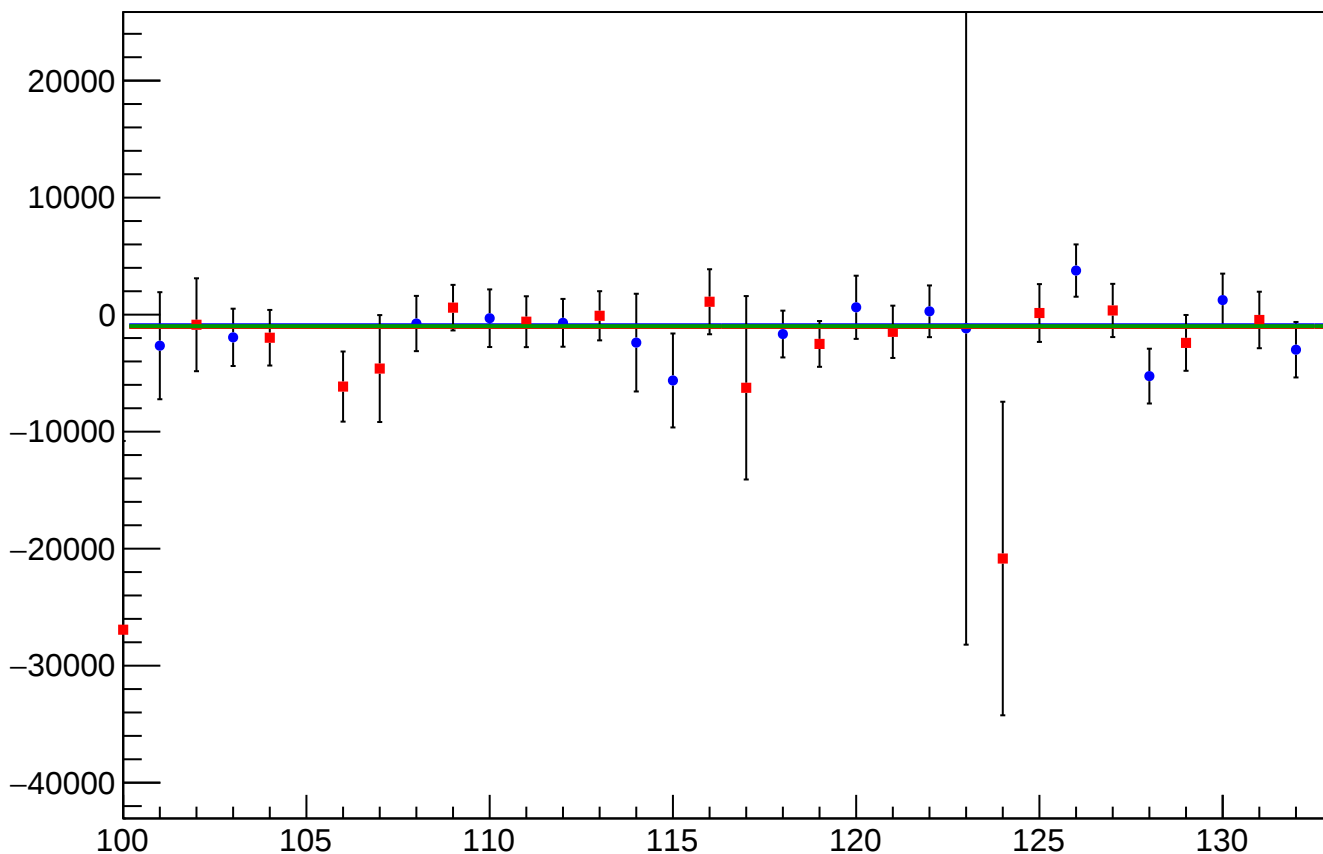
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1054.894+/-631.058 χ^2/NDF : 12.9/17

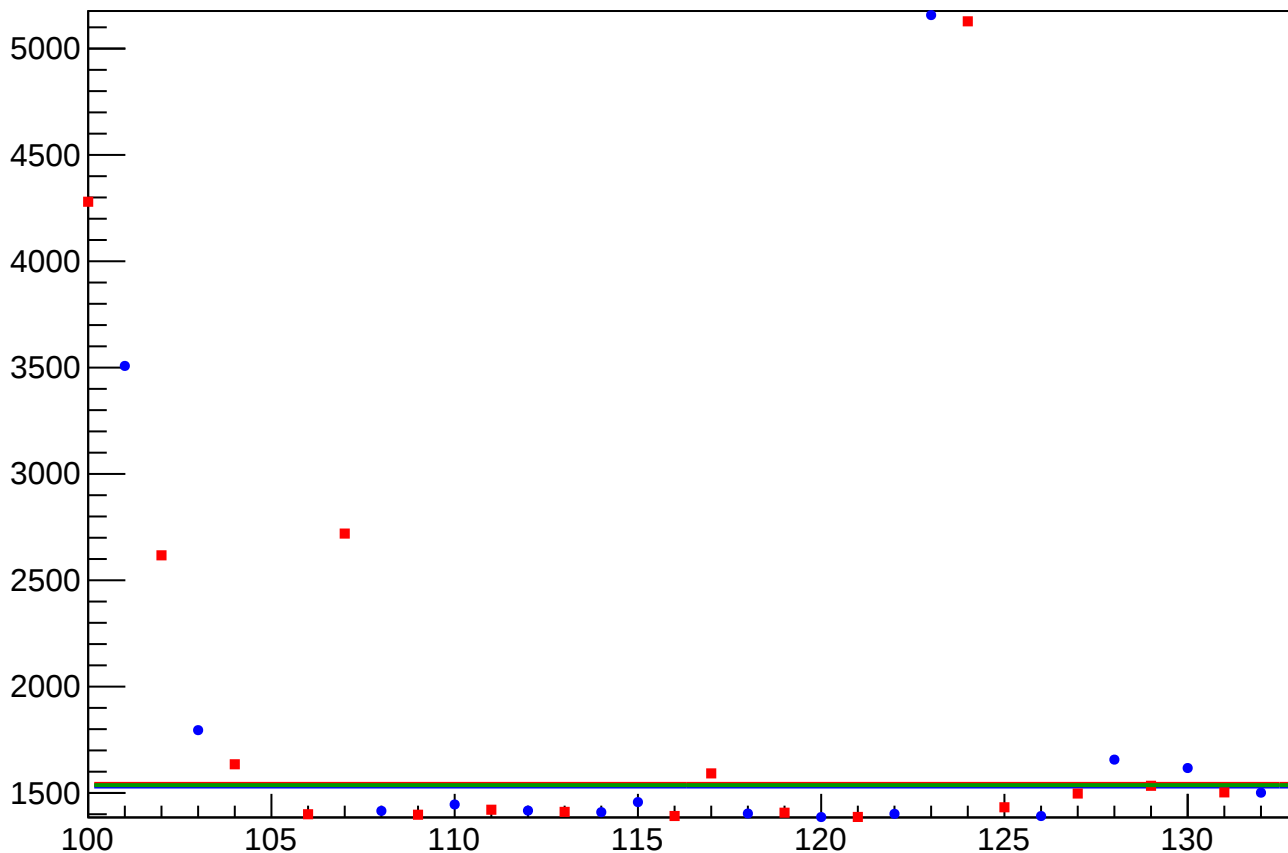
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-905.821+/-664.022 χ^2/NDF : 12.2/14

-984.149+/-457.435 χ^2/NDF : 25.1/32

-1054.894+/-631.058 χ^2/NDF : 12.9/17

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: 1542.660+/-0.446 χ^2/NDF : 621361.3/17

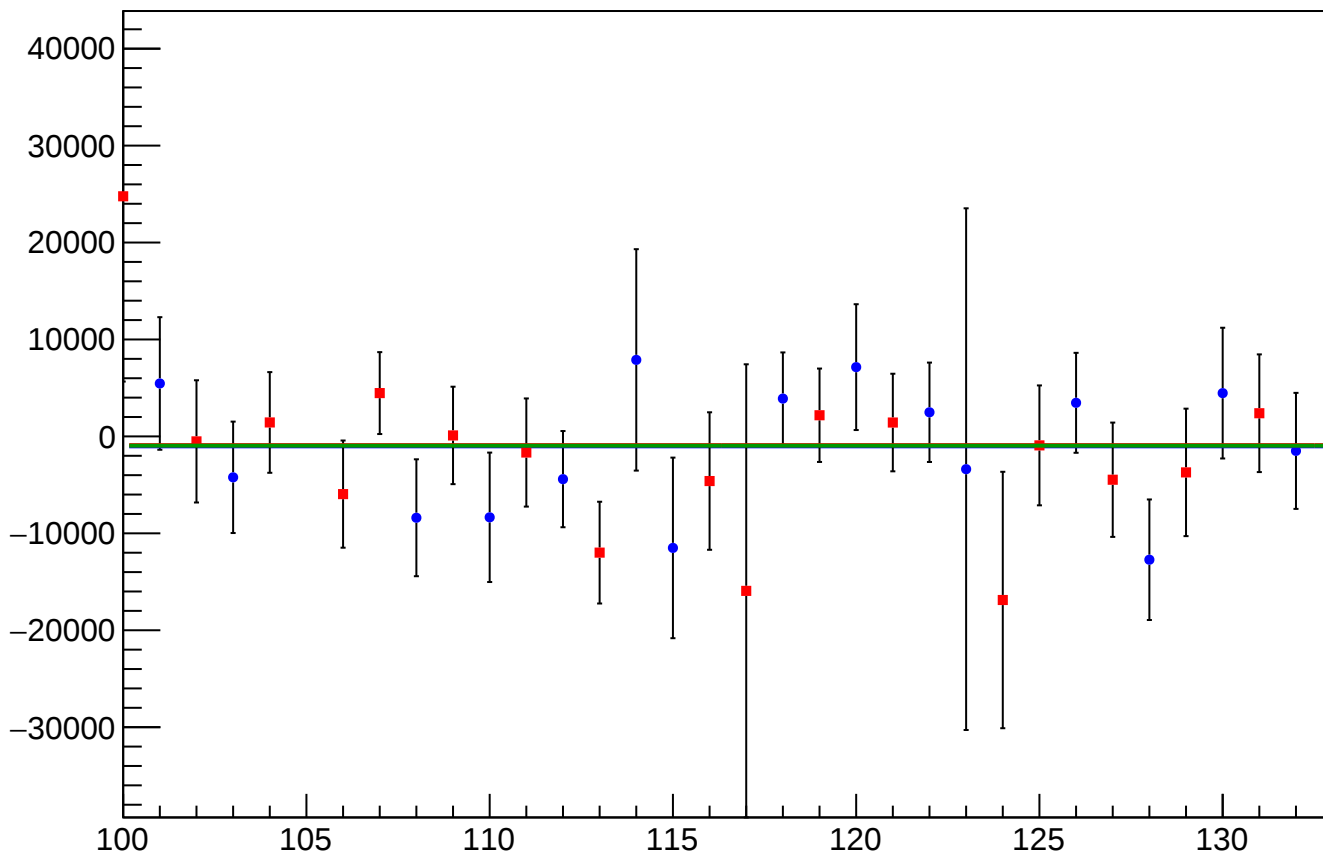
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1530.289+/-0.470 χ^2/NDF : 485993.6/14

1536.789+/-0.323 χ^2/NDF : 1107719.7/32

1542.660+/-0.446 χ^2/NDF : 621361.3/17

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: -900.909 $\pm$ 1430.124 χ^2 /NDF: 14.0/17

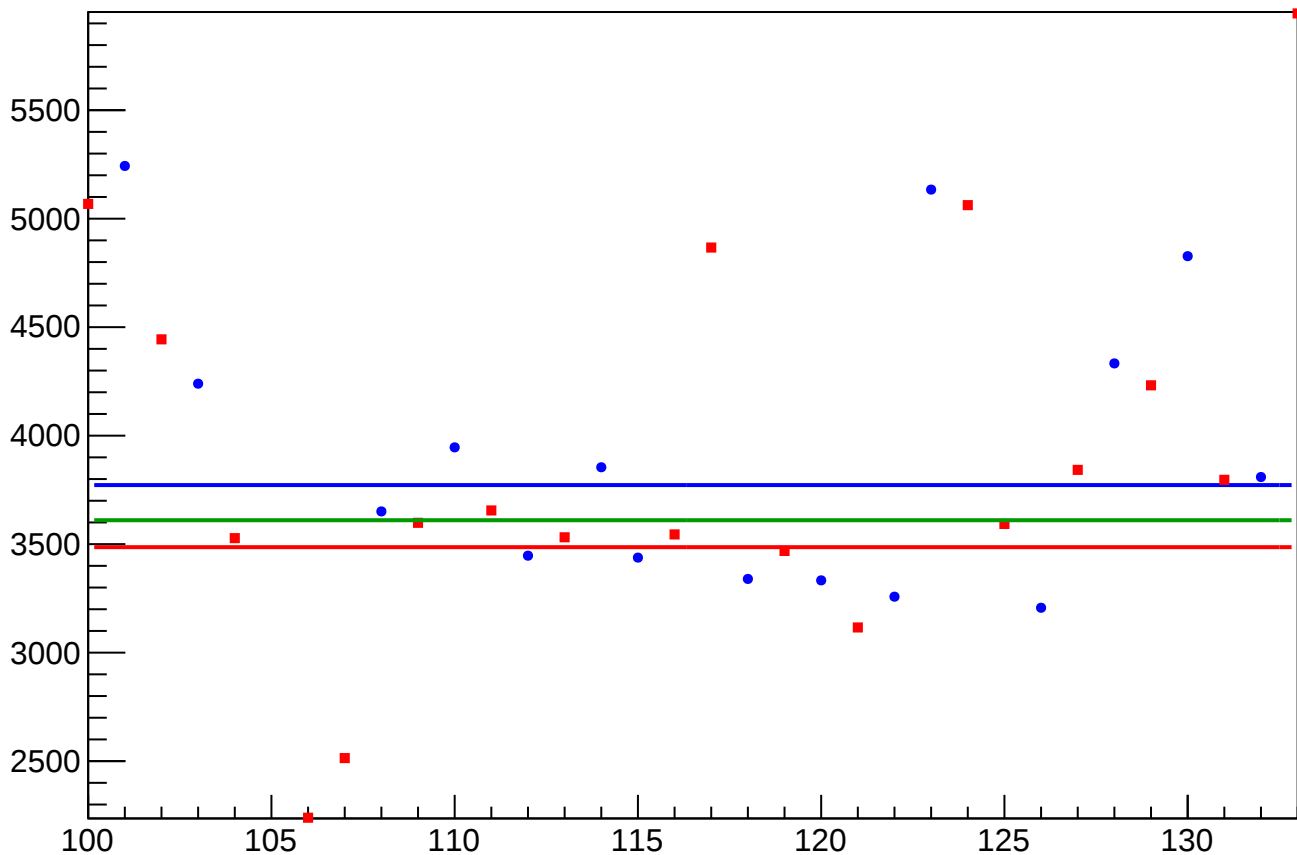
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1022.895 $\pm$ 1617.883 χ^2 /NDF: 14.3/14

-954.416 $\pm$ 1071.513 χ^2 /NDF: 28.4/32

-900.909 $\pm$ 1430.124 χ^2 /NDF: 14.0/17

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: 3486.133+/-1.001 χ^2/NDF : 532295.3/17

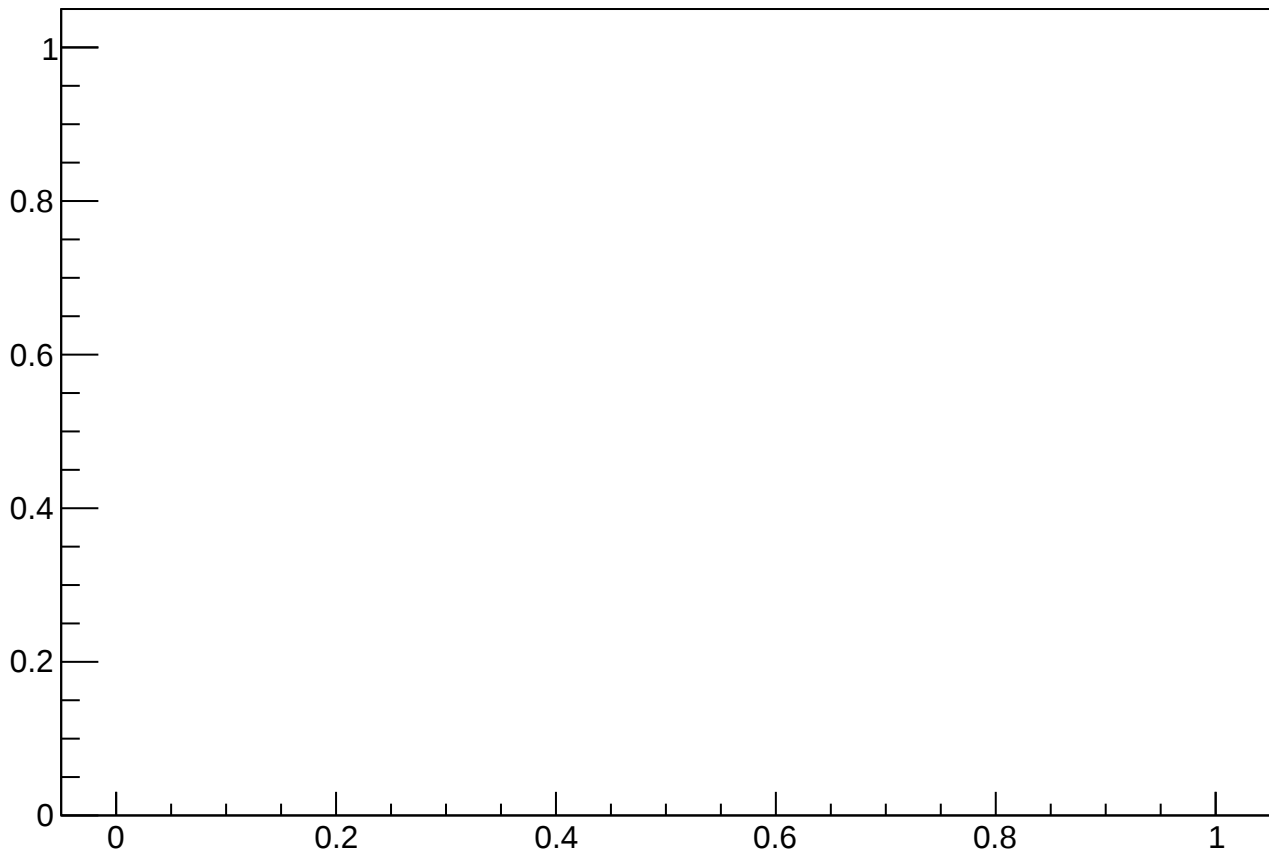
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3772.275+/-1.144 χ^2/NDF : 259421.4/14

3610.267+/-0.753 χ^2/NDF : 827139.3/32

3486.133+/-1.001 χ^2/NDF : 532295.3/17

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

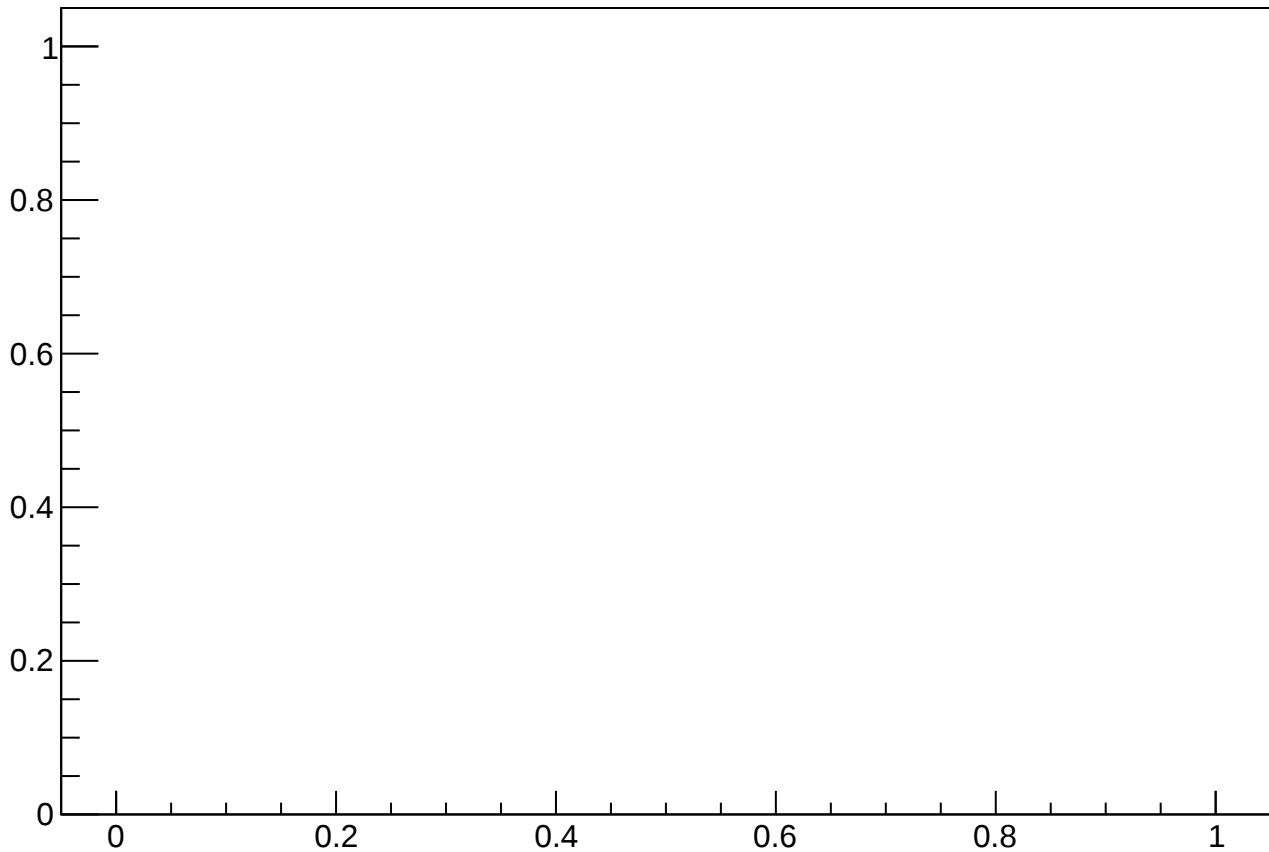
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

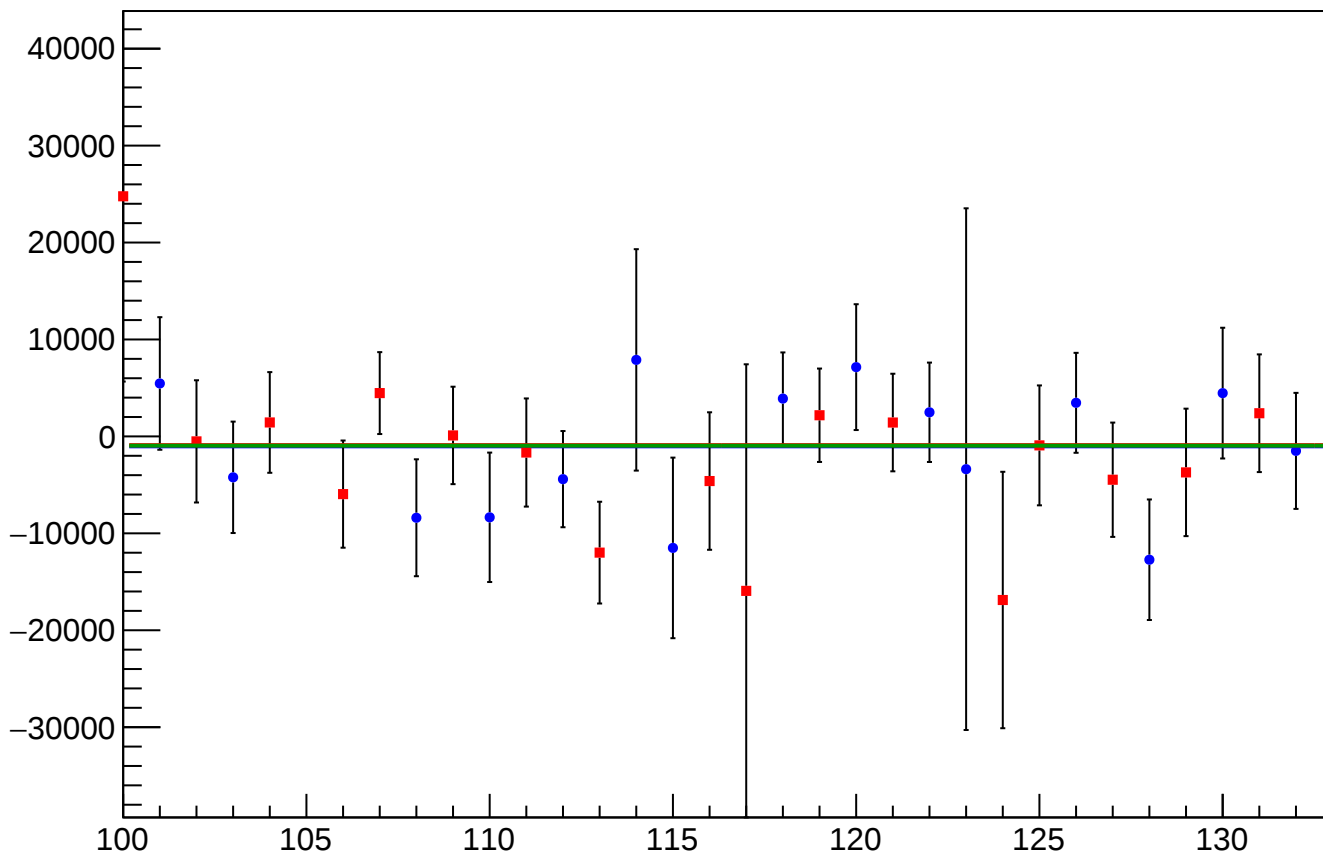
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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 $\pm$ 1617.883 χ^2 /NDF: 14.3/14

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

Right Out: -900.909 $\pm$ 1430.124 χ^2 /NDF: 14.0/17

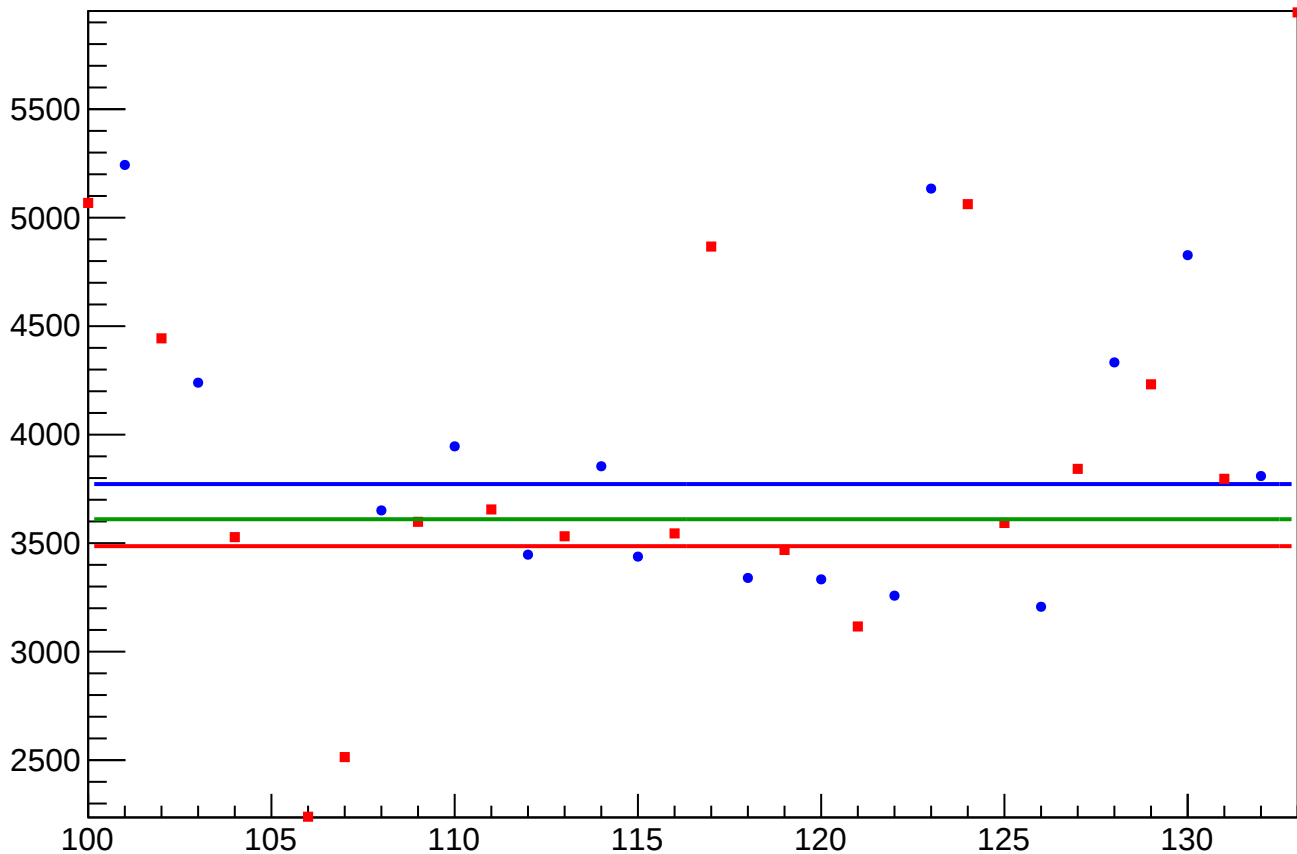
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1022.895 $\pm$ 1617.883 χ^2 /NDF: 14.3/14

-954.416 $\pm$ 1071.513 χ^2 /NDF: 28.4/32

-900.909 $\pm$ 1430.124 χ^2 /NDF: 14.0/17

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: 3486.133+/-1.001 χ^2/NDF : 532295.3/17

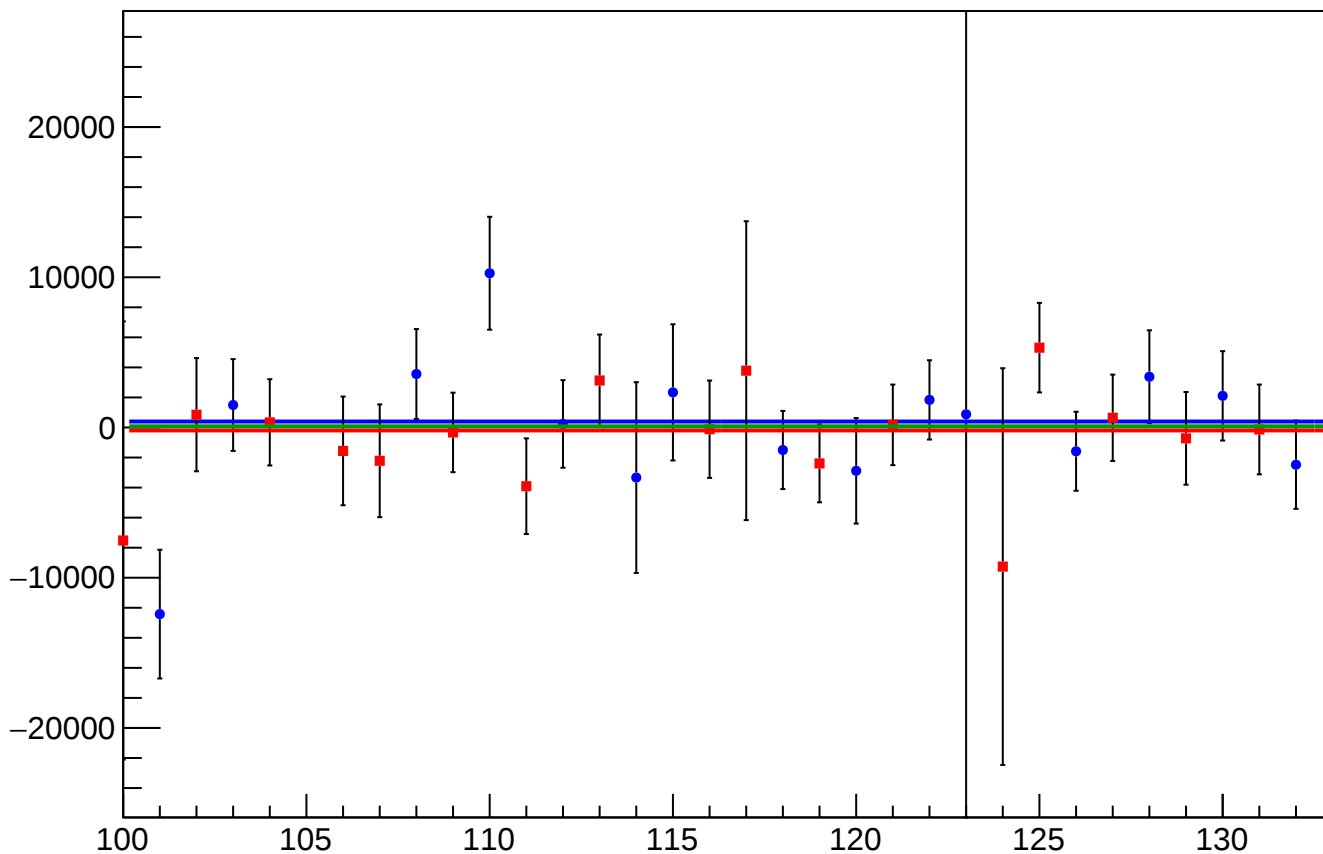
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3772.275+/-1.144 χ^2/NDF : 259421.4/14

3610.267+/-0.753 χ^2/NDF : 827139.3/32

3486.133+/-1.001 χ^2/NDF : 532295.3/17

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 397.522 $\pm$ 849.101 χ^2 /NDF: 22.1/14

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

Right Out: -194.411 $\pm$ 791.491 χ^2 /NDF: 9.1/17

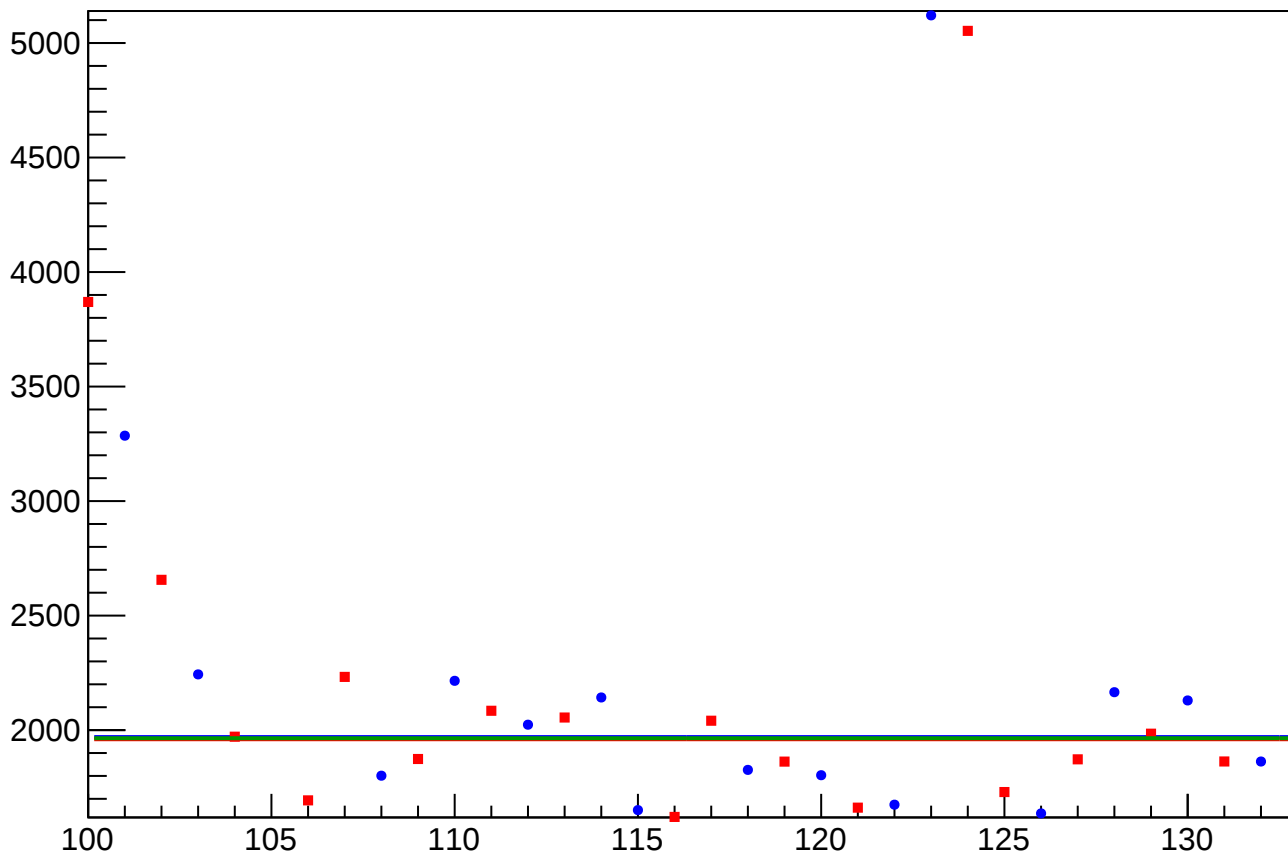
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

397.522 $\pm$ 849.101 χ^2 /NDF: 22.1/14

80.795 $\pm$ 578.965 χ^2 /NDF: 31.5/32

-194.411 $\pm$ 791.491 χ^2 /NDF: 9.1/17

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: 1960.267+/-0.560 χ^2/NDF : 386919.6/17

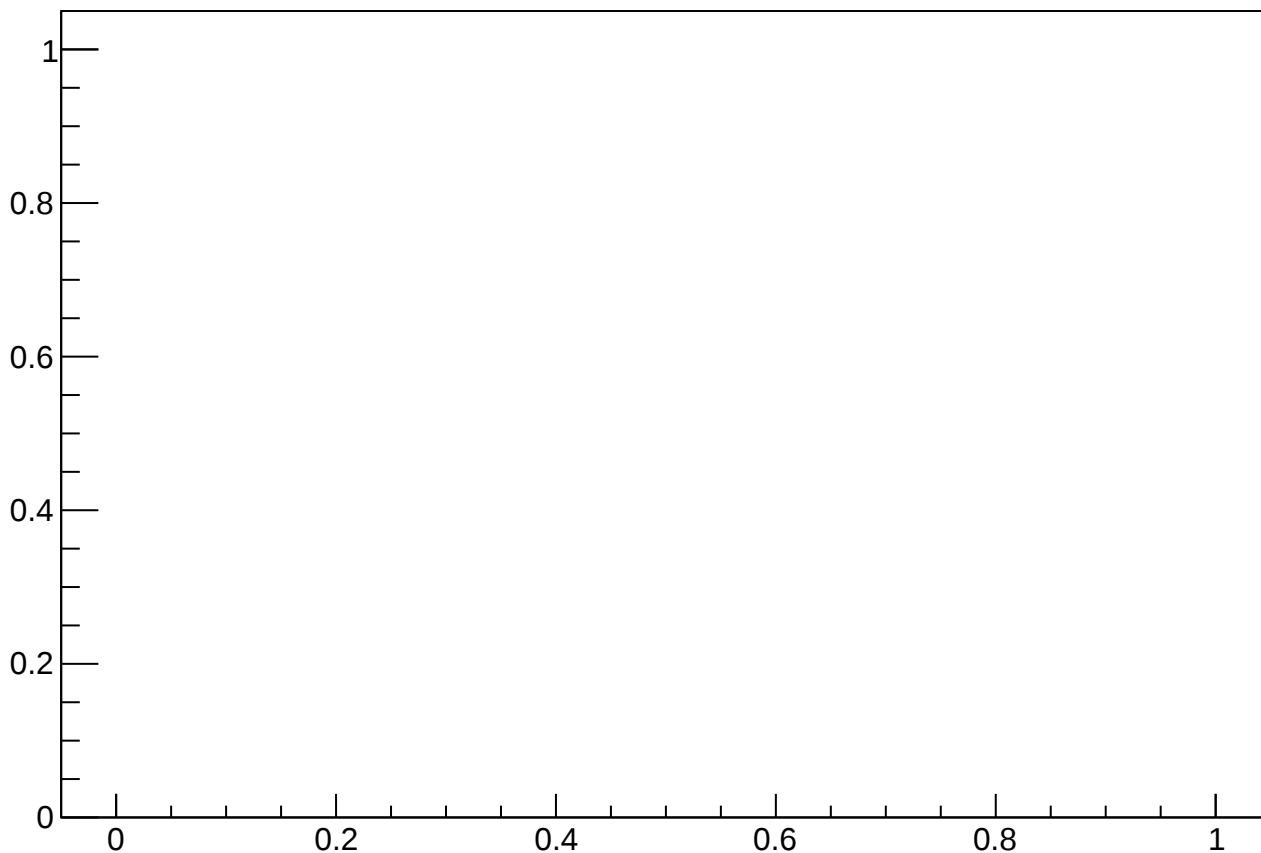
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1969.609+/-0.600 χ^2/NDF : 343360.1/14

1964.610+/-0.409 χ^2/NDF : 730409.3/32

1960.267+/-0.560 χ^2/NDF : 386919.6/17

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

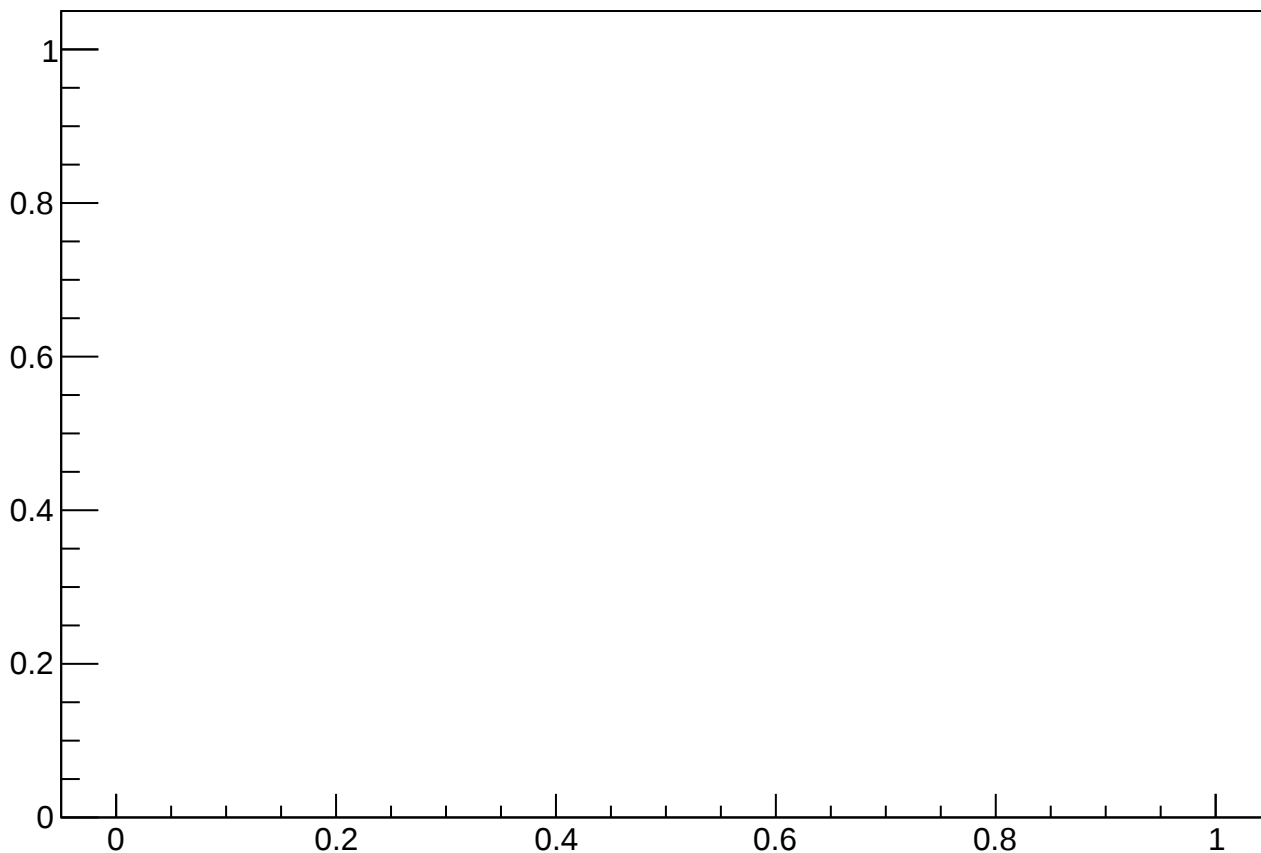
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

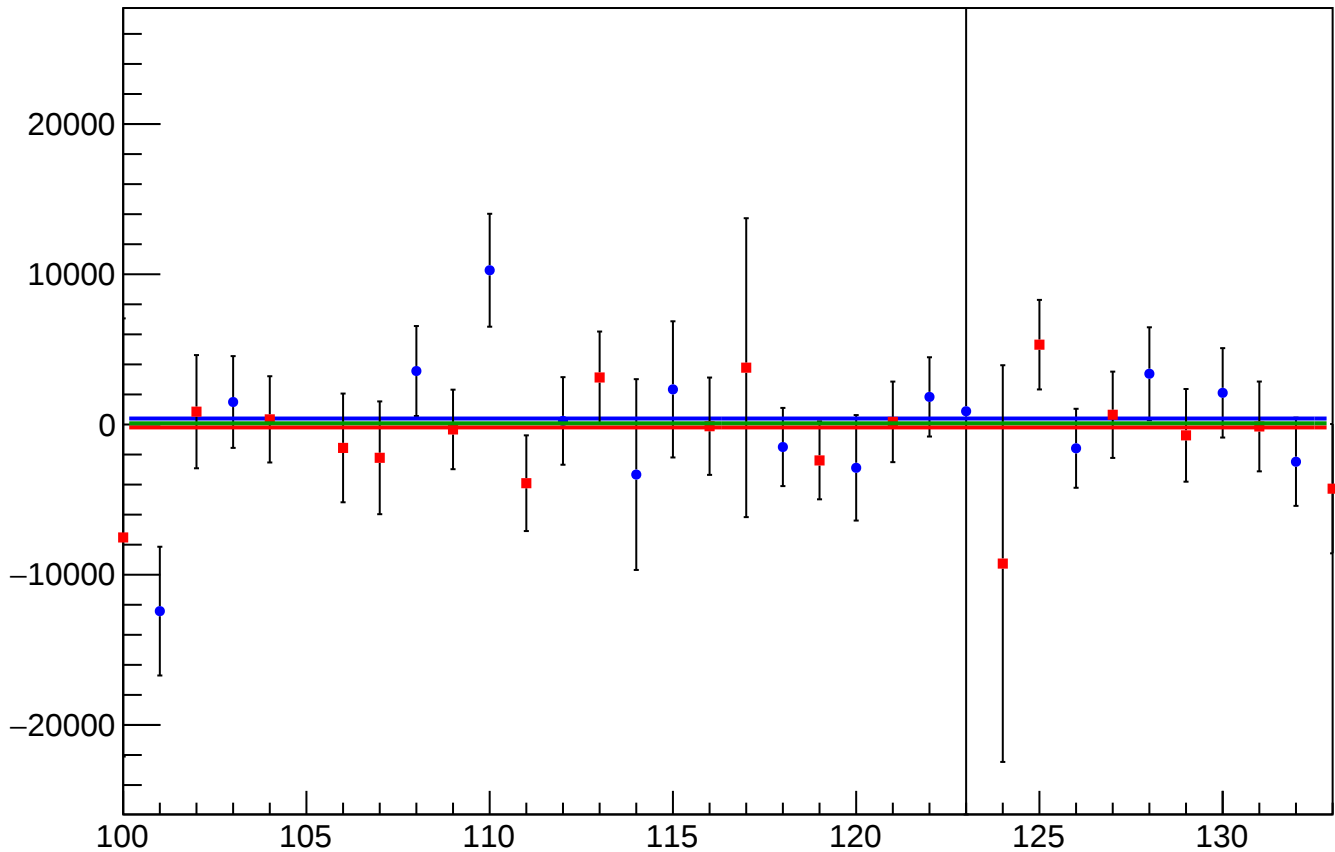
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 849.101 χ^2 /NDF: 22.1/14

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

Right Out: -194.411 $\pm$ 791.491 χ^2 /NDF: 9.1/17

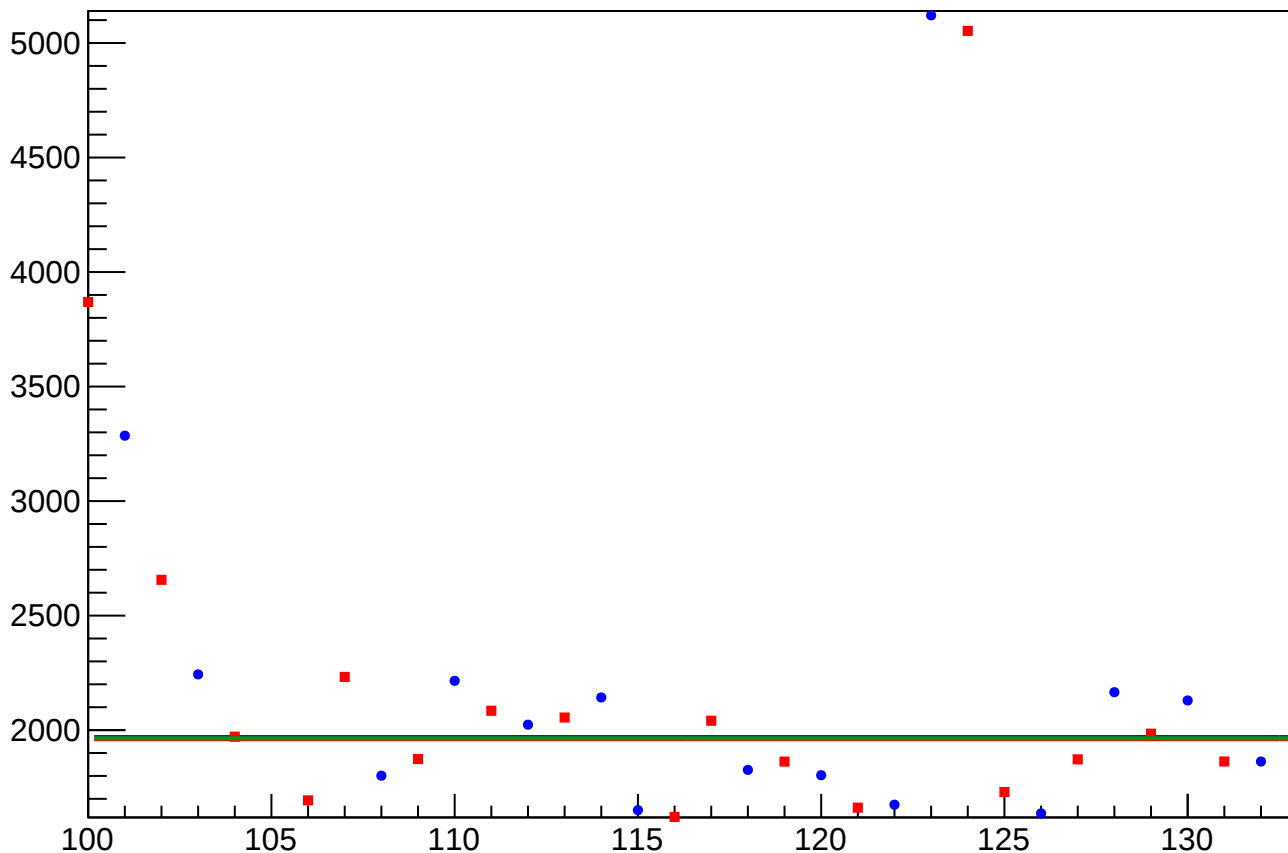
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

397.522 $\pm$ 849.101 χ^2 /NDF: 22.1/14

80.795 $\pm$ 578.965 χ^2 /NDF: 31.5/32

-194.411 $\pm$ 791.491 χ^2 /NDF: 9.1/17

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: 1960.267 $\pm$ 0.560 χ^2 /NDF: 386919.6/17

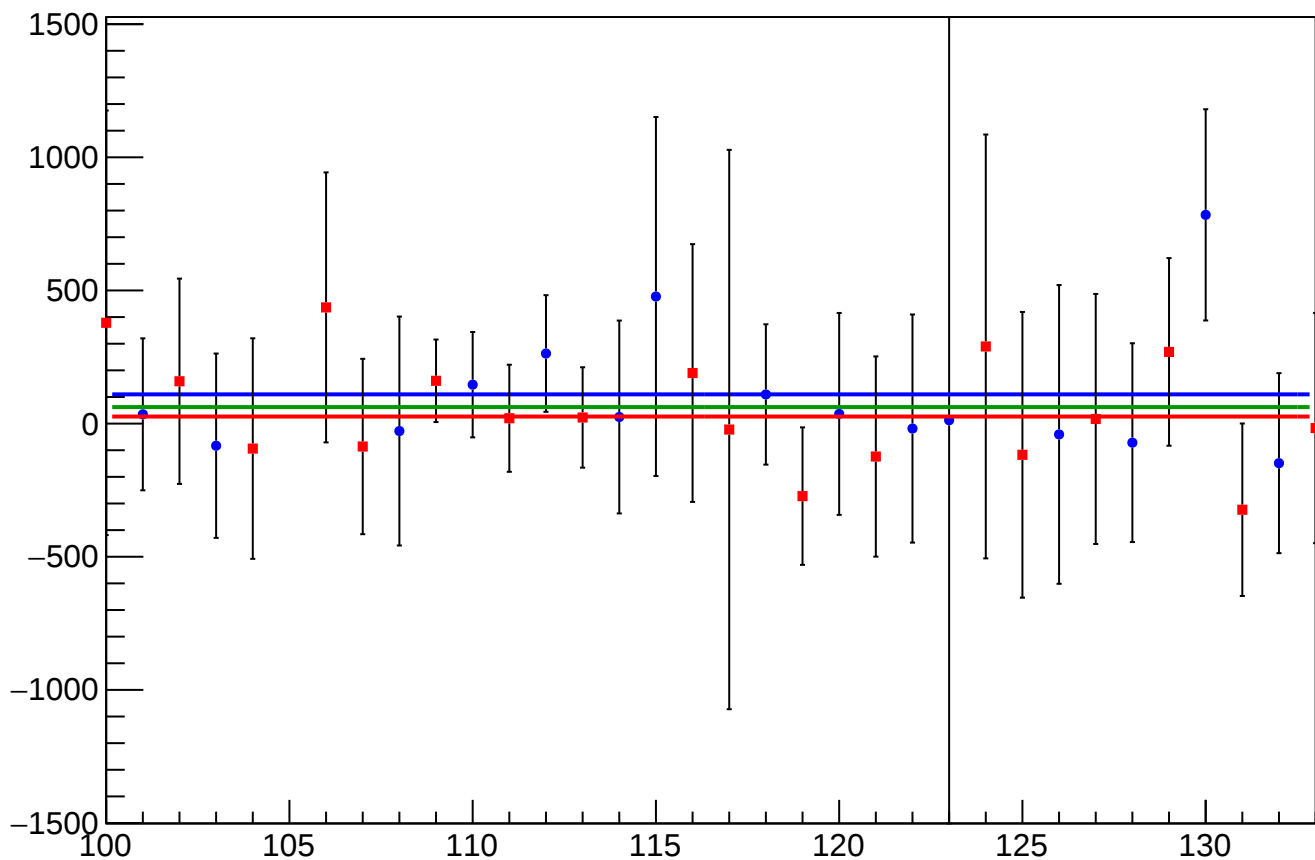
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1969.609 $\pm$ 0.600 χ^2 /NDF: 343360.1/14

1964.610 $\pm$ 0.409 χ^2 /NDF: 730409.3/32

1960.267 $\pm$ 0.560 χ^2 /NDF: 386919.6/17

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: 26.495 $\pm$ 74.220 χ^2 /NDF: 5.4/17

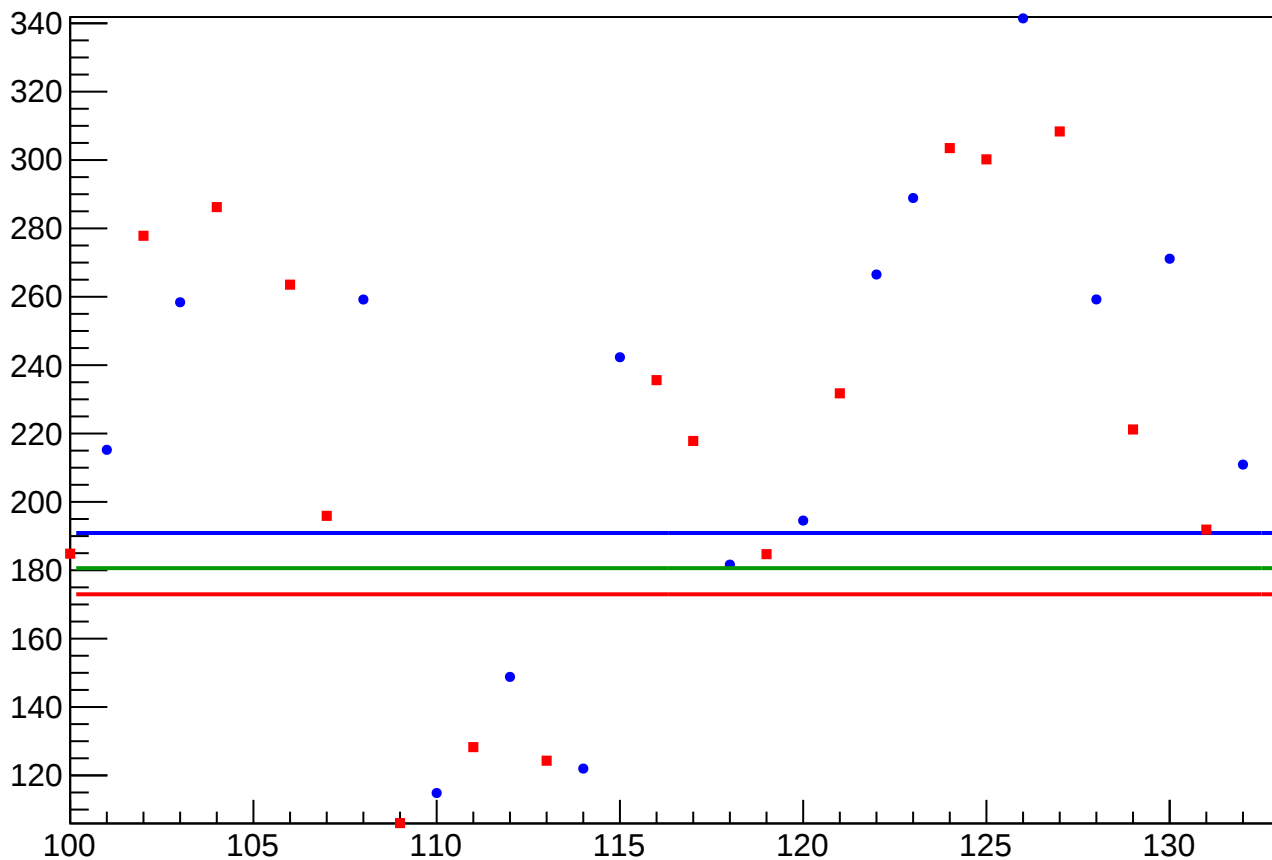
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.798 $\pm$ 86.077 χ^2 /NDF: 5.3/14

62.018 $\pm$ 56.210 χ^2 /NDF: 11.2/32

26.495 $\pm$ 74.220 χ^2 /NDF: 5.4/17

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.904+/-0.061 χ^2/NDF : 967691.6/14

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

Right Out: 172.976+/-0.052 χ^2/NDF : 1569784.0/17

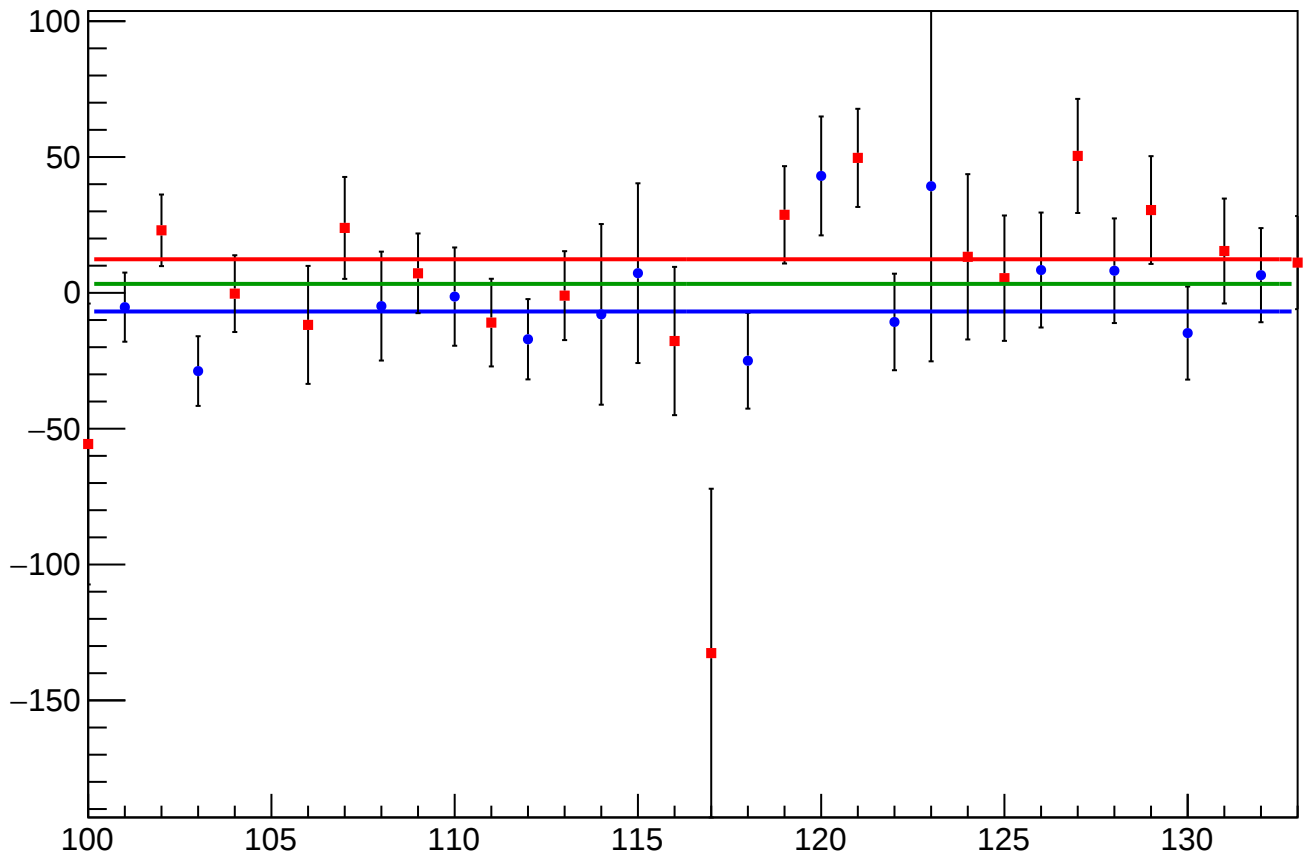
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.904+/-0.061 χ^2/NDF : 967691.6/14

180.621+/-0.040 χ^2/NDF : 2587237.7/32

172.976+/-0.052 χ^2/NDF : 1569784.0/17

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.857 $\pm$ 4.736 χ^2 /NDF: 12.5/14

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

Right Out: 12.363 $\pm$ 4.473 χ^2 /NDF: 24.0/17

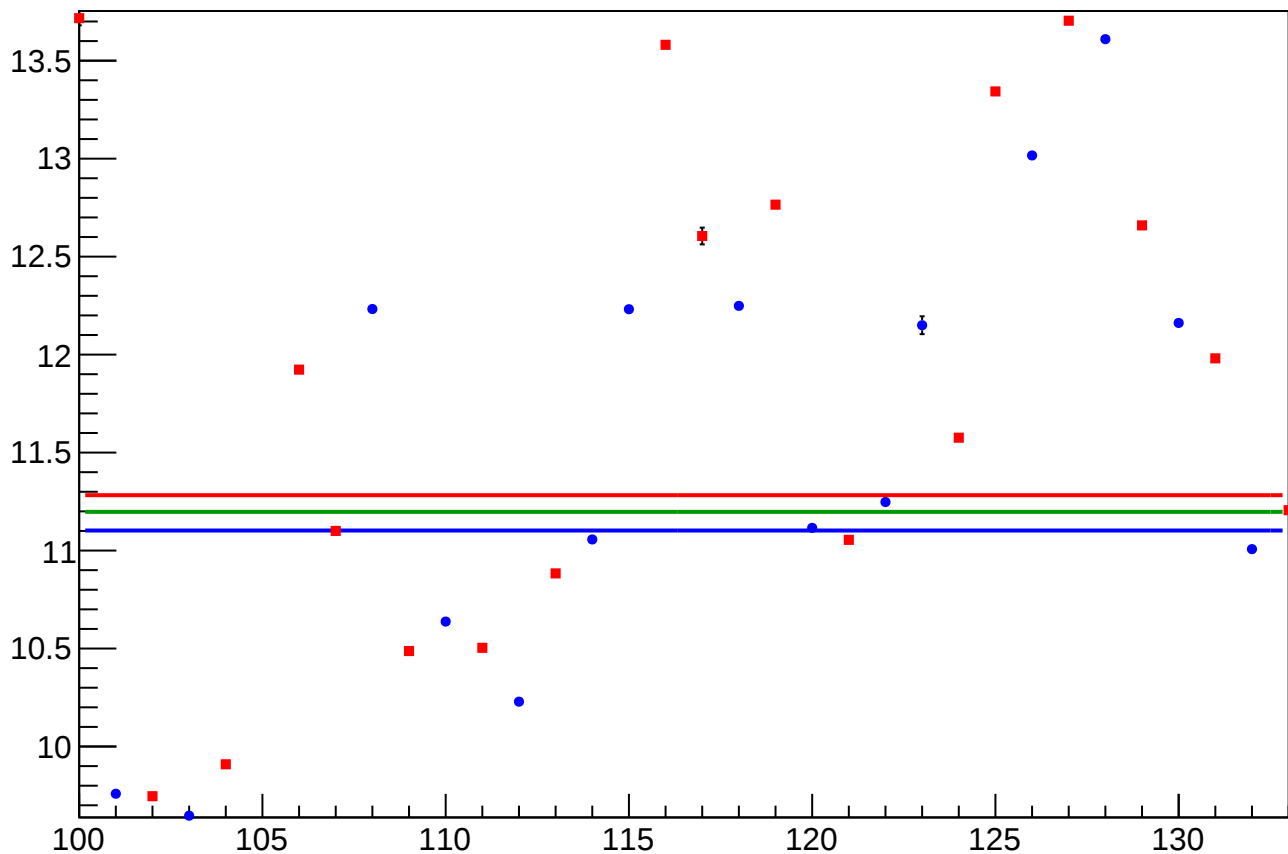
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.857 $\pm$ 4.736 χ^2 /NDF: 12.5/14

3.302 $\pm$ 3.252 χ^2 /NDF: 45.1/32

12.363 $\pm$ 4.473 χ^2 /NDF: 24.0/17

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: 11.283 $\pm$ 0.003 χ^2 /NDF: 148349.9/17

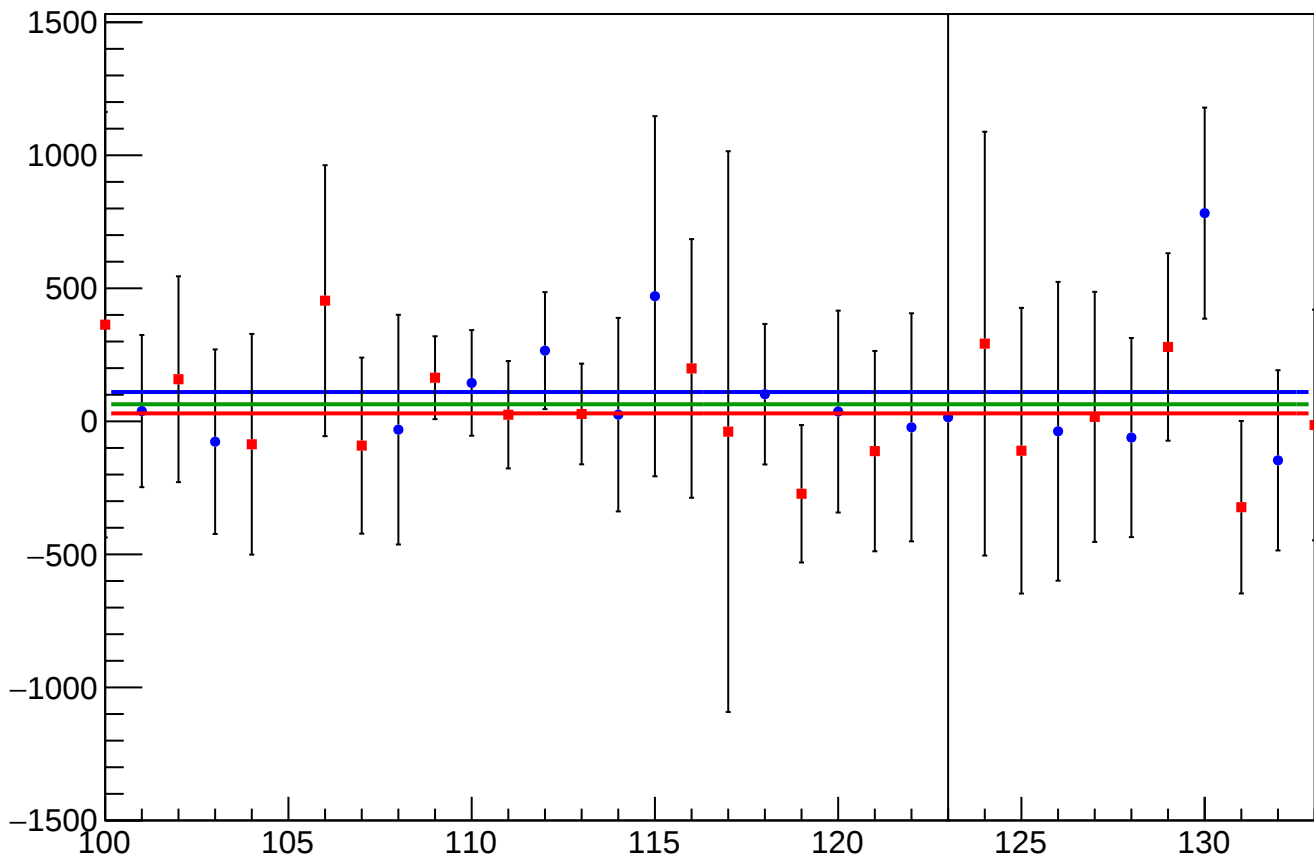
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.102 $\pm$ 0.003 χ^2 /NDF: 132162.7/14

11.198 $\pm$ 0.002 χ^2 /NDF: 282044.7/32

11.283 $\pm$ 0.003 χ^2 /NDF: 148349.9/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 110.221 $\pm$ 86.308 χ^2 /NDF: 5.2/14

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

Right Out: 29.901 $\pm$ 74.450 χ^2 /NDF: 5.4/17

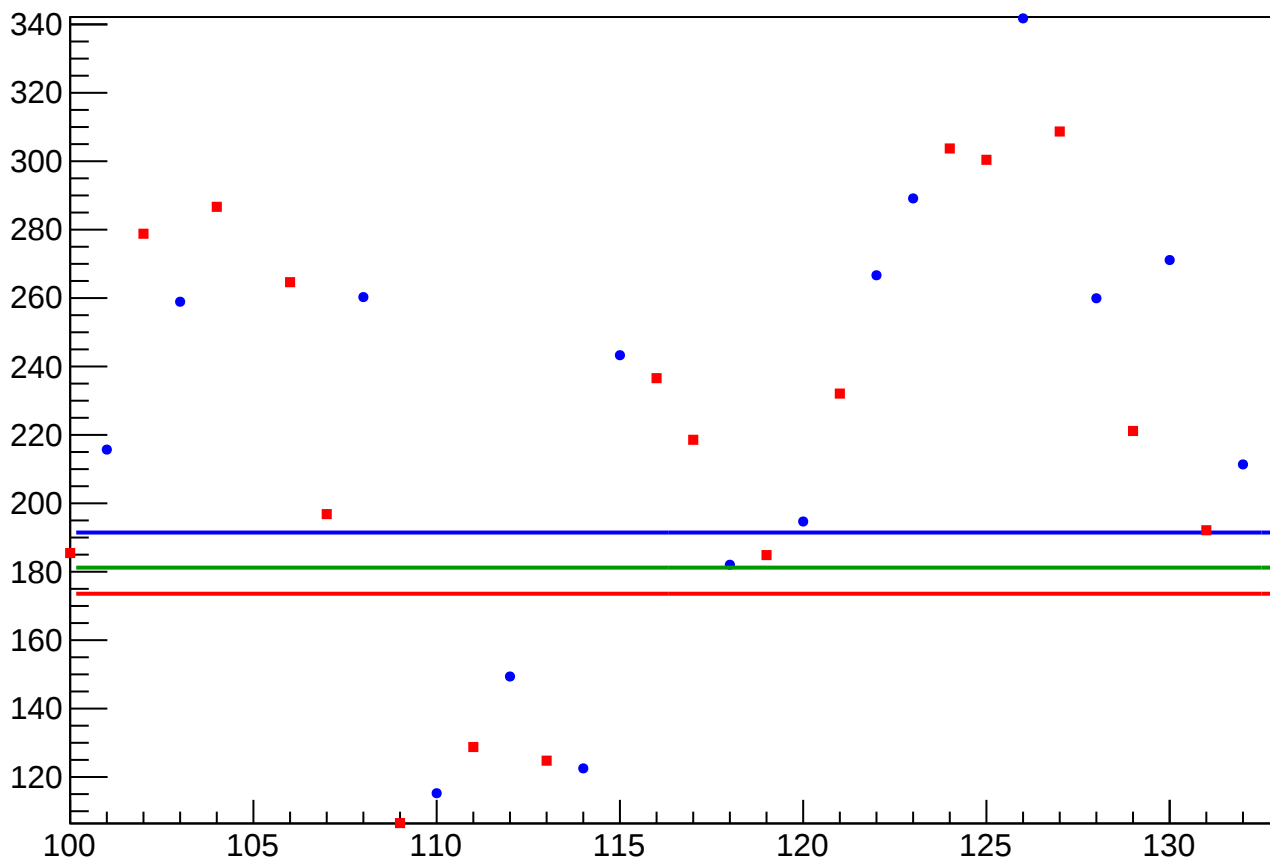
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

110.221 $\pm$ 86.308 χ^2 /NDF: 5.2/14

64.168 $\pm$ 56.374 χ^2 /NDF: 11.1/32

29.901 $\pm$ 74.450 χ^2 /NDF: 5.4/17

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: 173.576+/-0.053 χ^2/NDF : 1561994.0/17

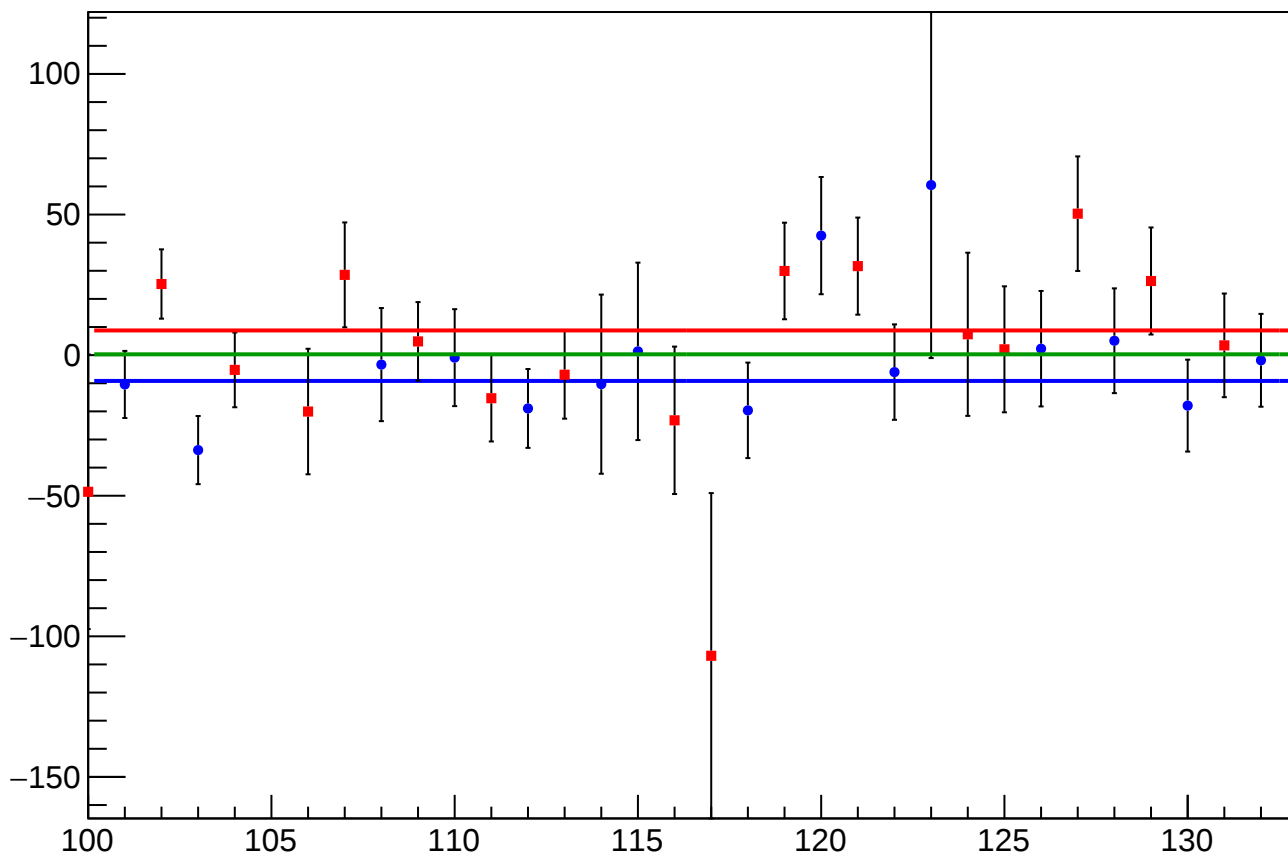
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.463+/-0.061 χ^2/NDF : 962744.6/14

181.207+/-0.040 χ^2/NDF : 2573990.4/32

173.576+/-0.053 χ^2/NDF : 1561994.0/17

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: 8.784+/-4.282 χ^2/NDF : 24.6/17

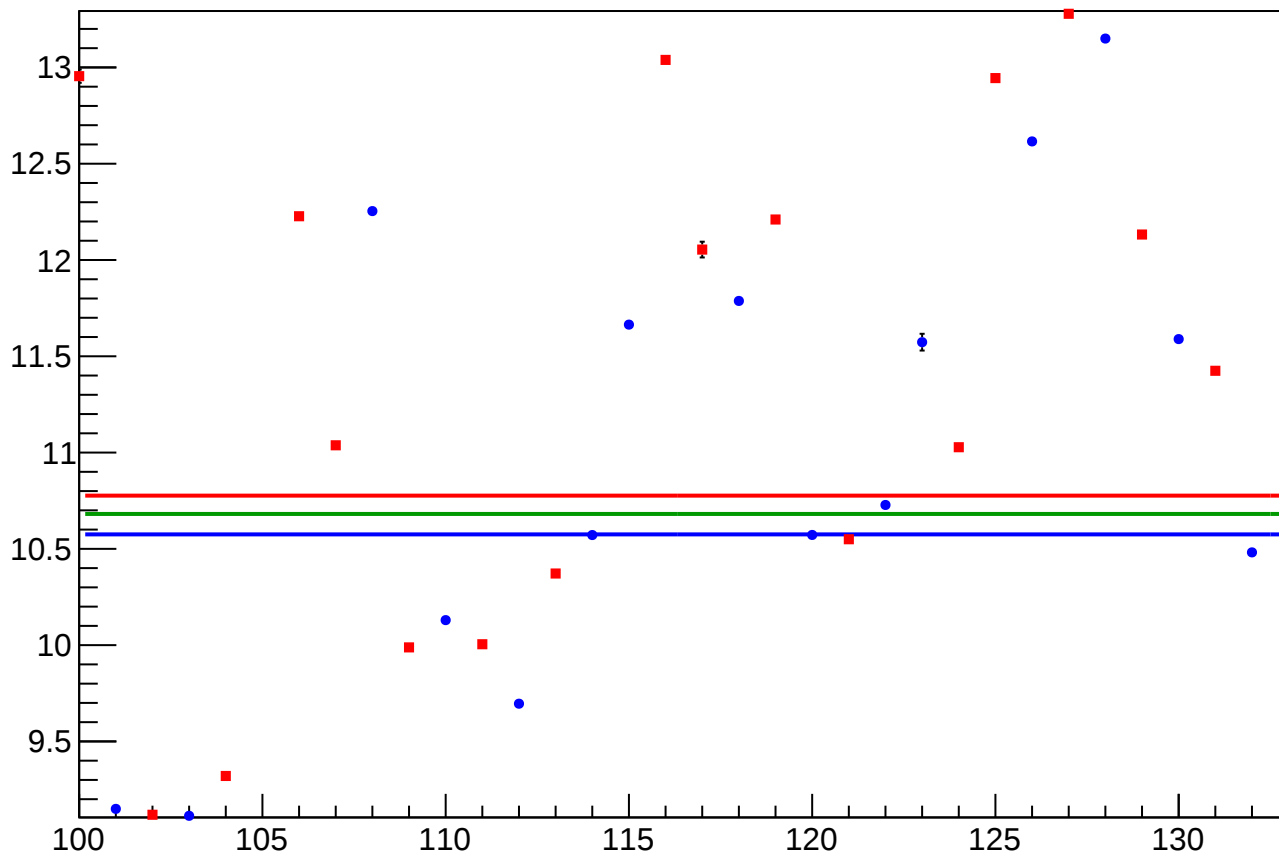
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.174+/-4.521 χ^2/NDF : 14.3/14

0.293+/-3.109 χ^2/NDF : 47.2/32

8.784+/-4.282 χ^2/NDF : 24.6/17

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: 10.776+/-0.003 χ^2/NDF : 177671.8/17

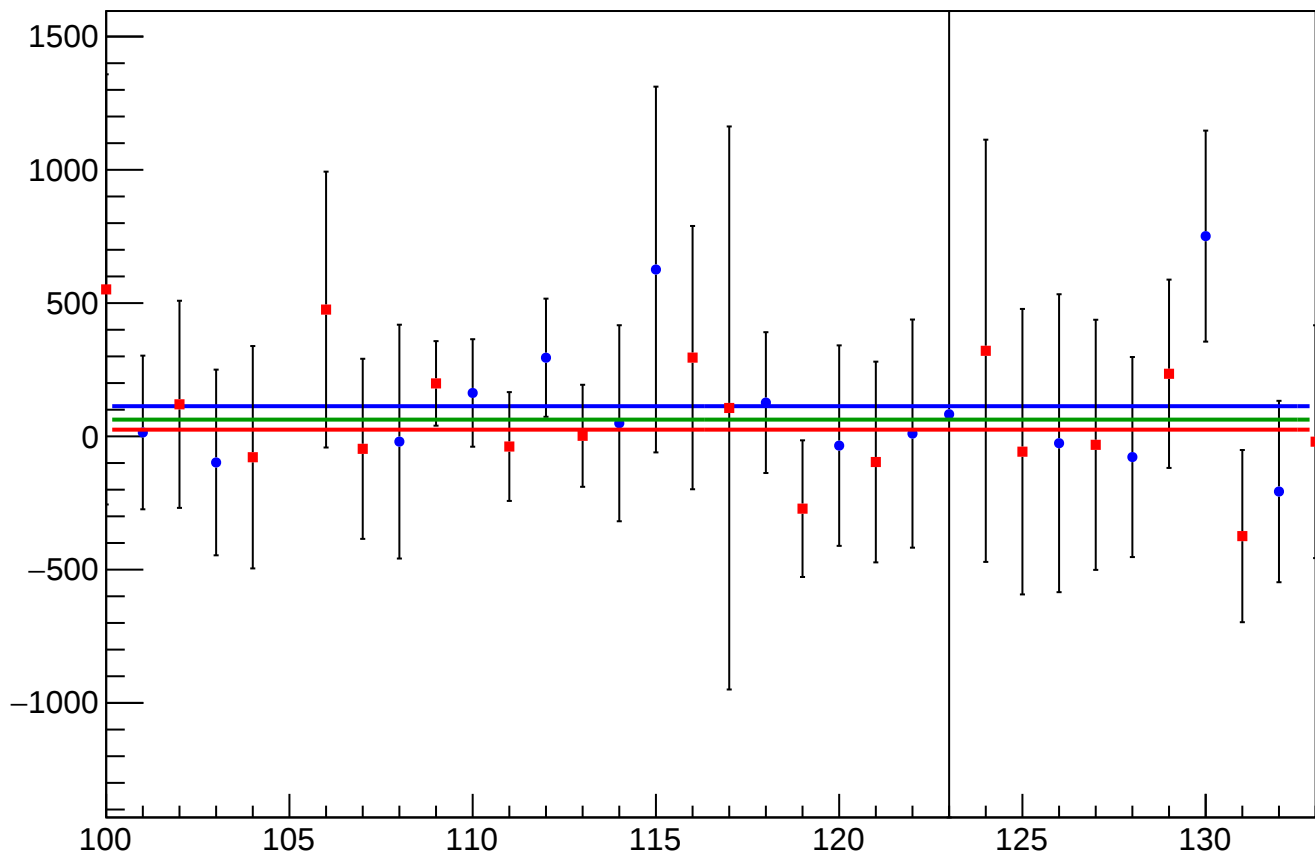
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.575+/-0.003 χ^2/NDF : 159755.3/14

10.681+/-0.002 χ^2/NDF : 339516.9/32

10.776+/-0.003 χ^2/NDF : 177671.8/17

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: 25.182 $\pm$ 75.128 χ^2 /NDF: 6.5/17

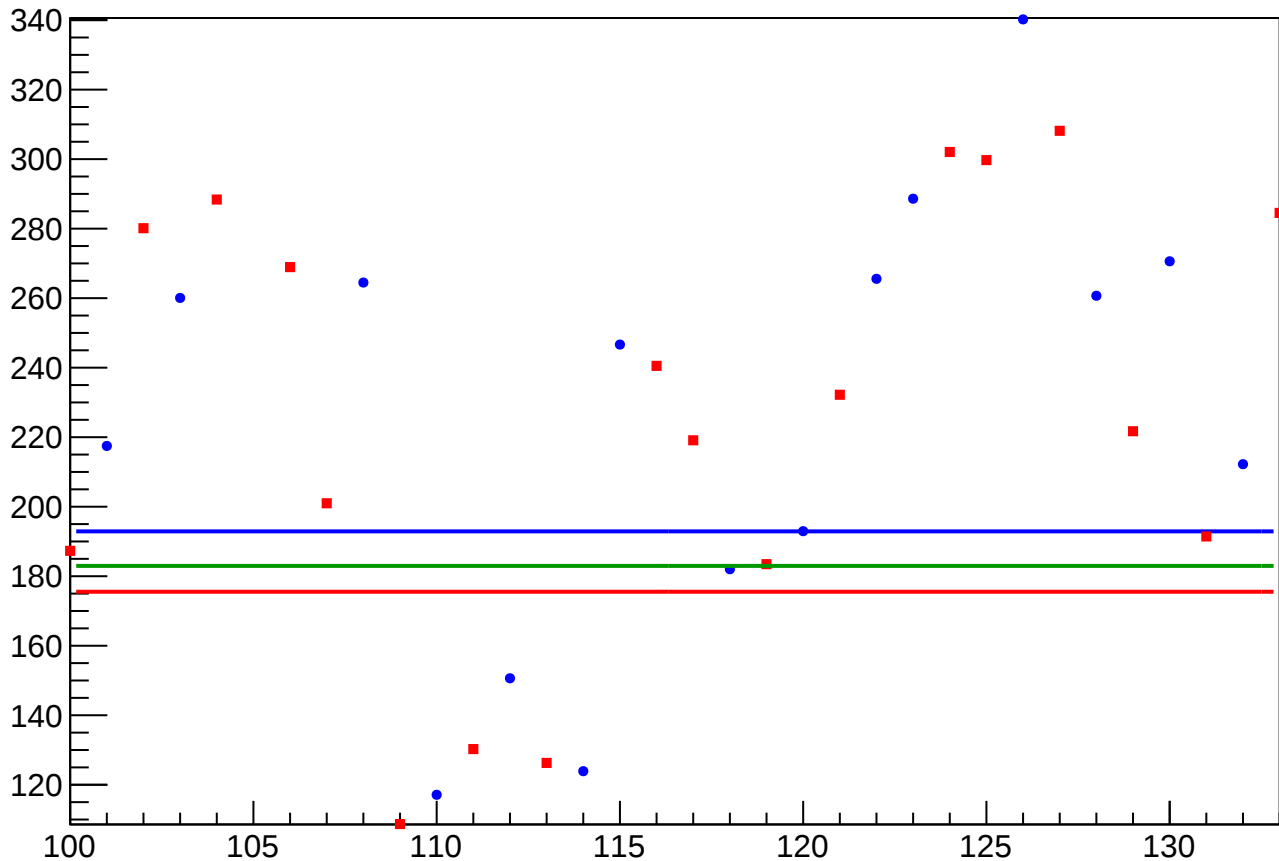
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.232 $\pm$ 86.853 χ^2 /NDF: 5.9/14

62.867 $\pm$ 56.820 χ^2 /NDF: 13.0/32

25.182 $\pm$ 75.128 χ^2 /NDF: 6.5/17

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: 175.539 $\pm$ 0.053 χ^2 /NDF: 1521341.4/17

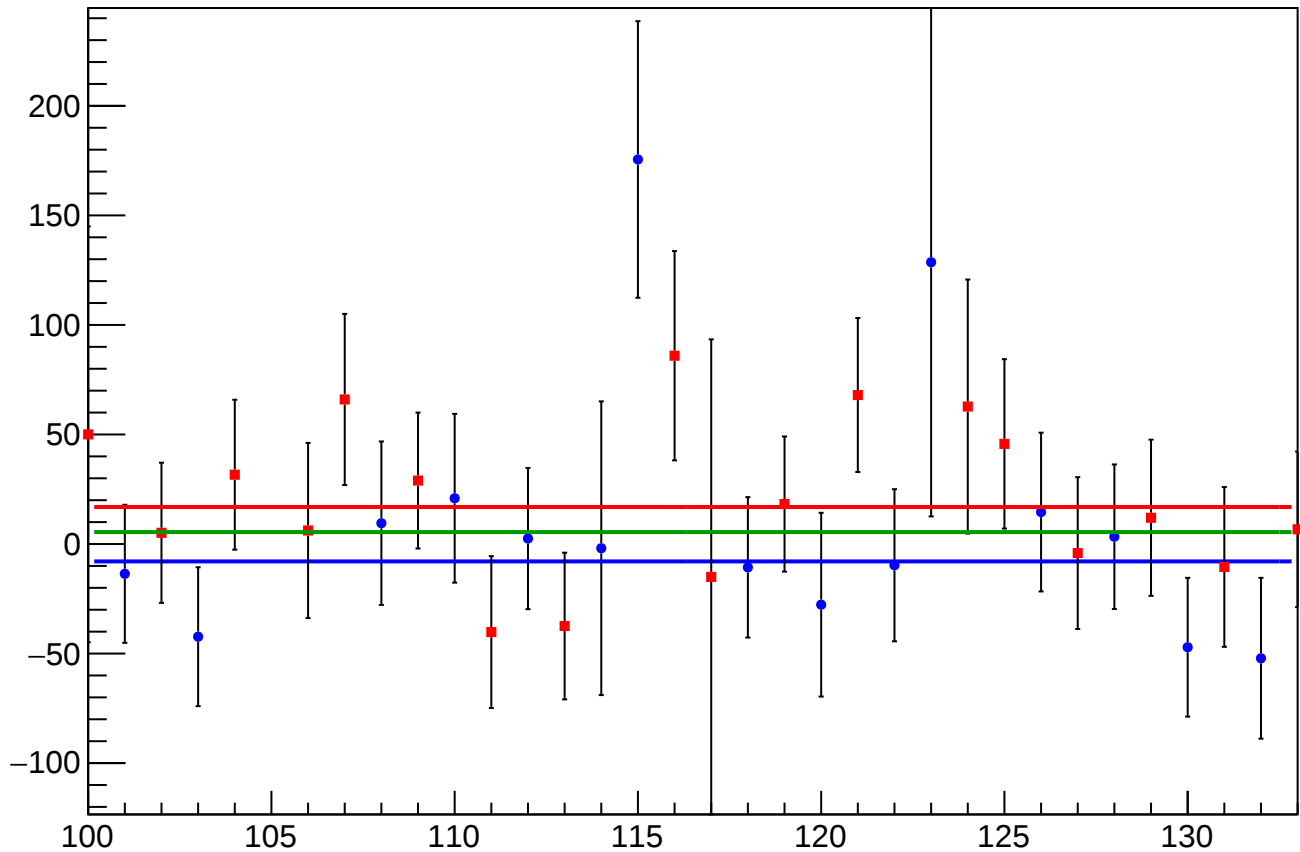
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

192.906 $\pm$ 0.061 χ^2 /NDF: 936848.6/14

182.972 $\pm$ 0.040 χ^2 /NDF: 2503934.4/32

175.539 $\pm$ 0.053 χ^2 /NDF: 1521341.4/17

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: 16.900+/-8.944 χ^2/NDF : 14.1/17

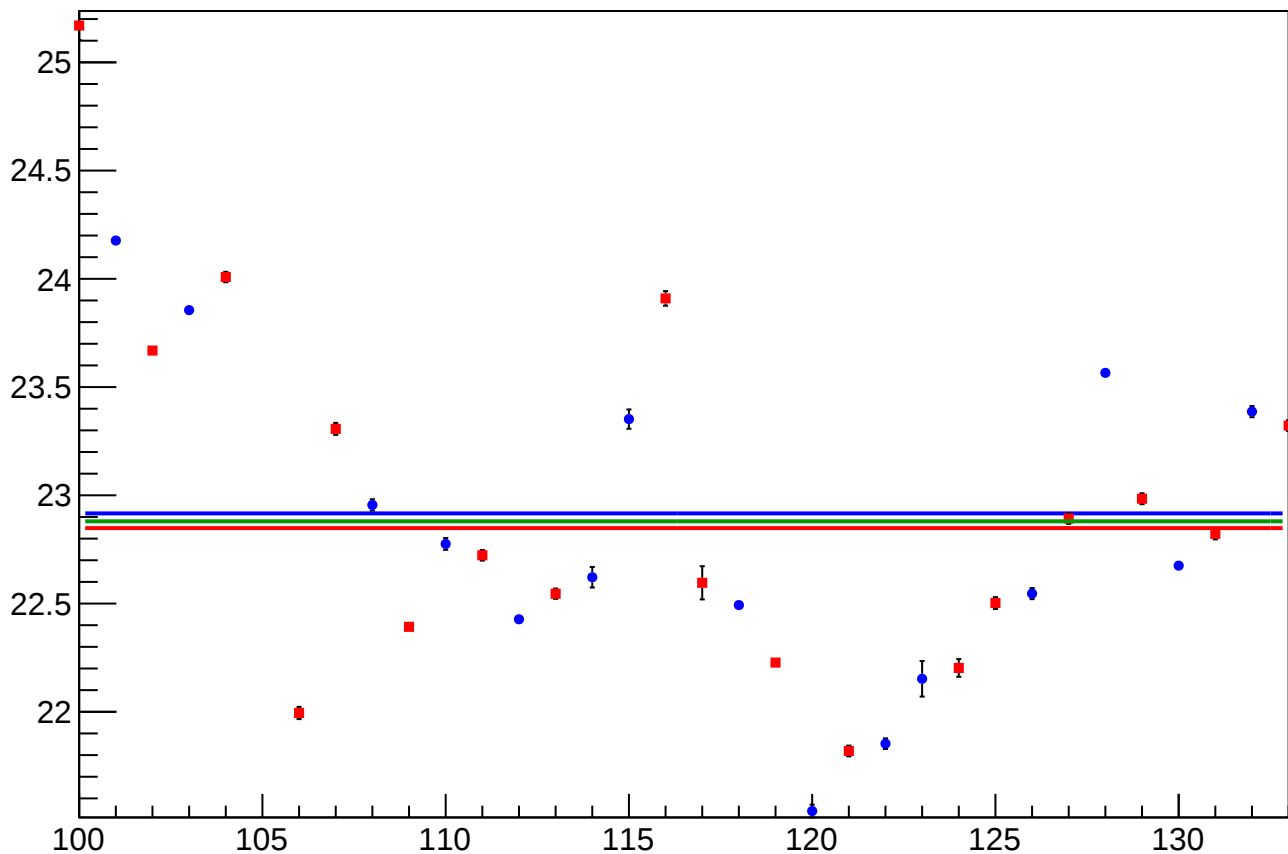
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.938+/-9.669 χ^2/NDF : 15.6/14

5.447+/-6.566 χ^2/NDF : 33.3/32

16.900+/-8.944 χ^2/NDF : 14.1/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.917 $\pm$ 0.007 χ^2 /NDF: 11468.3/14

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

Right Out: 22.849 $\pm$ 0.006 χ^2 /NDF: 10941.0/17

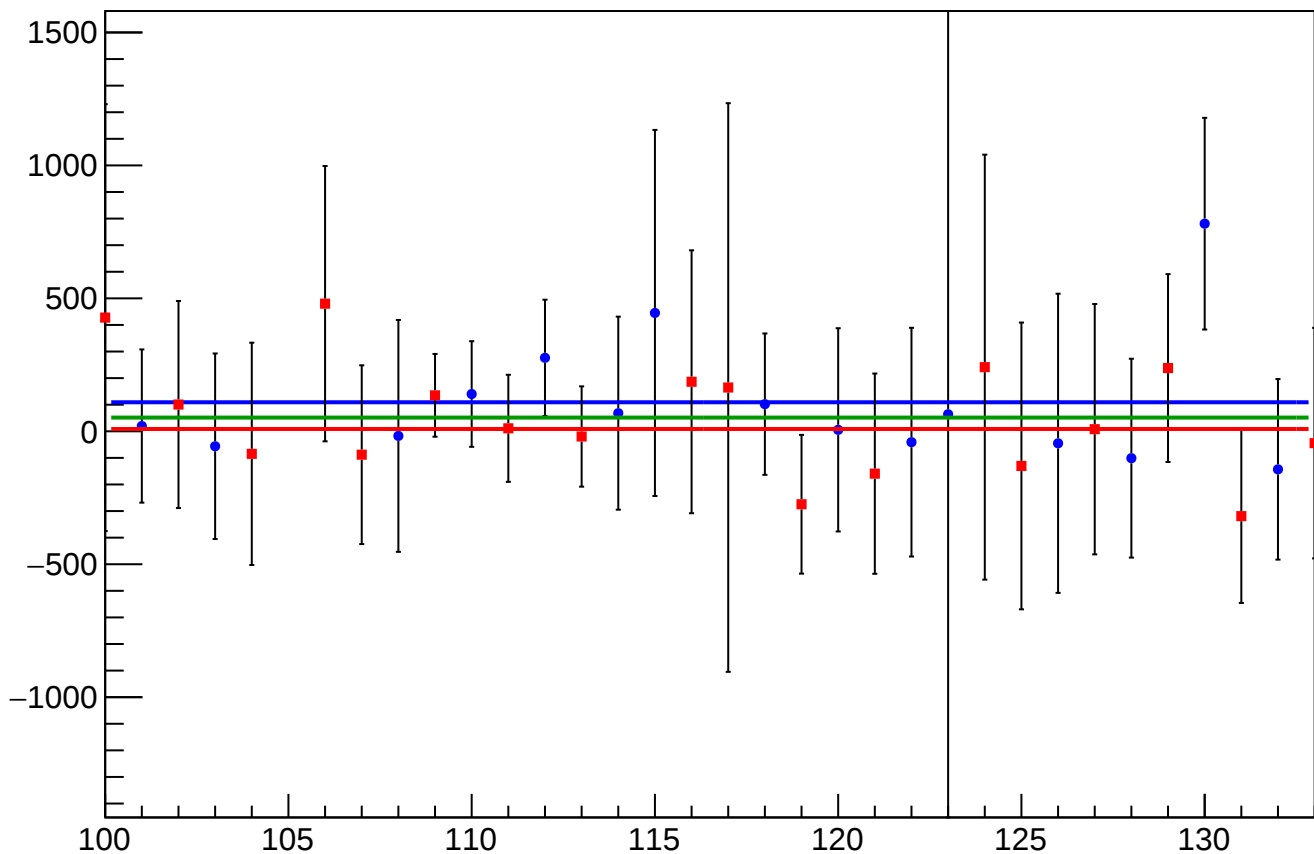
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.917 $\pm$ 0.007 χ^2 /NDF: 11468.3/14

22.880 $\pm$ 0.005 χ^2 /NDF: 22462.5/32

22.849 $\pm$ 0.006 χ^2 /NDF: 10941.0/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 109.160+/-86.512 χ^2/NDF : 5.3/14

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

Right Out: 8.680+/-74.656 χ^2/NDF : 5.1/17

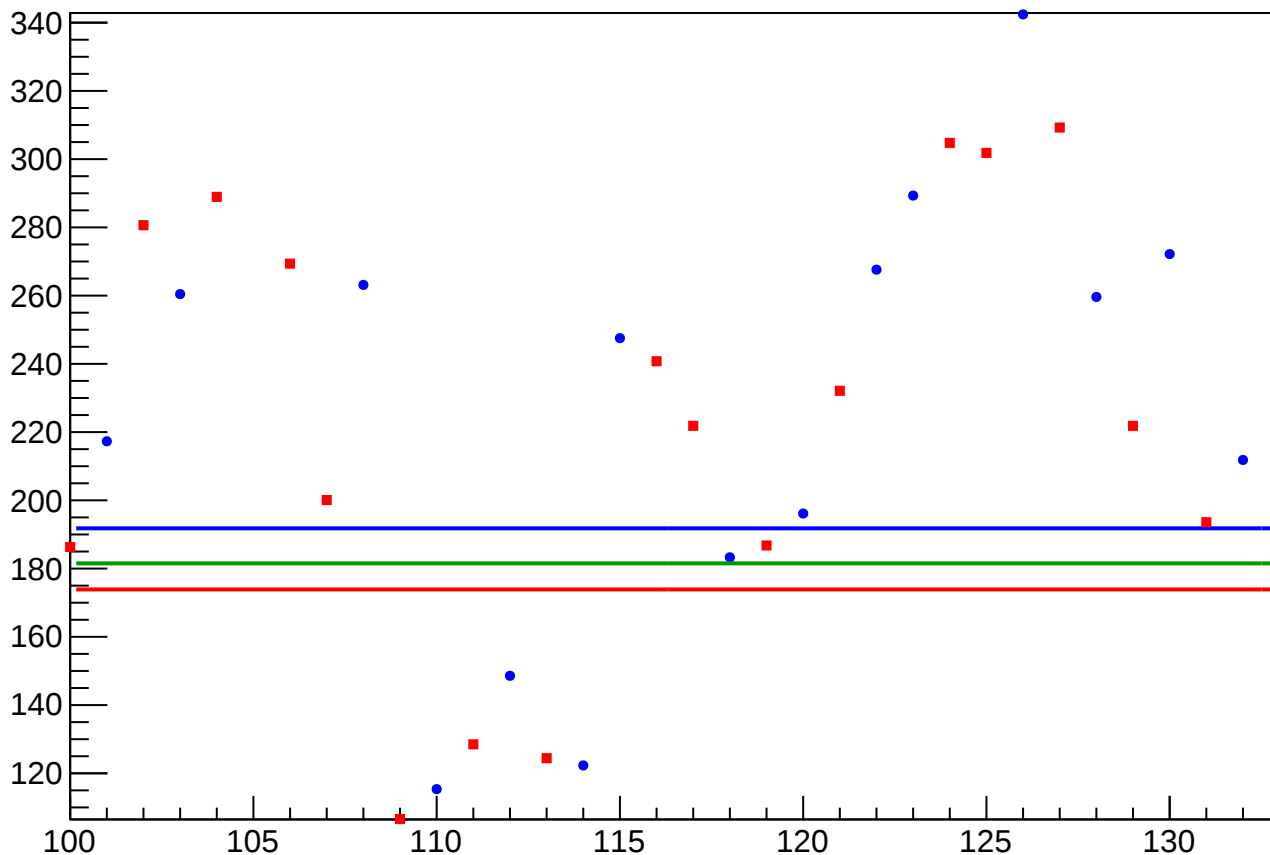
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.160+/-86.512 χ^2/NDF : 5.3/14

51.568+/-56.520 χ^2/NDF : 11.1/32

8.680+/-74.656 χ^2/NDF : 5.1/17

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: 173.887 ± 0.053 χ^2/NDF : 1589601.7/17

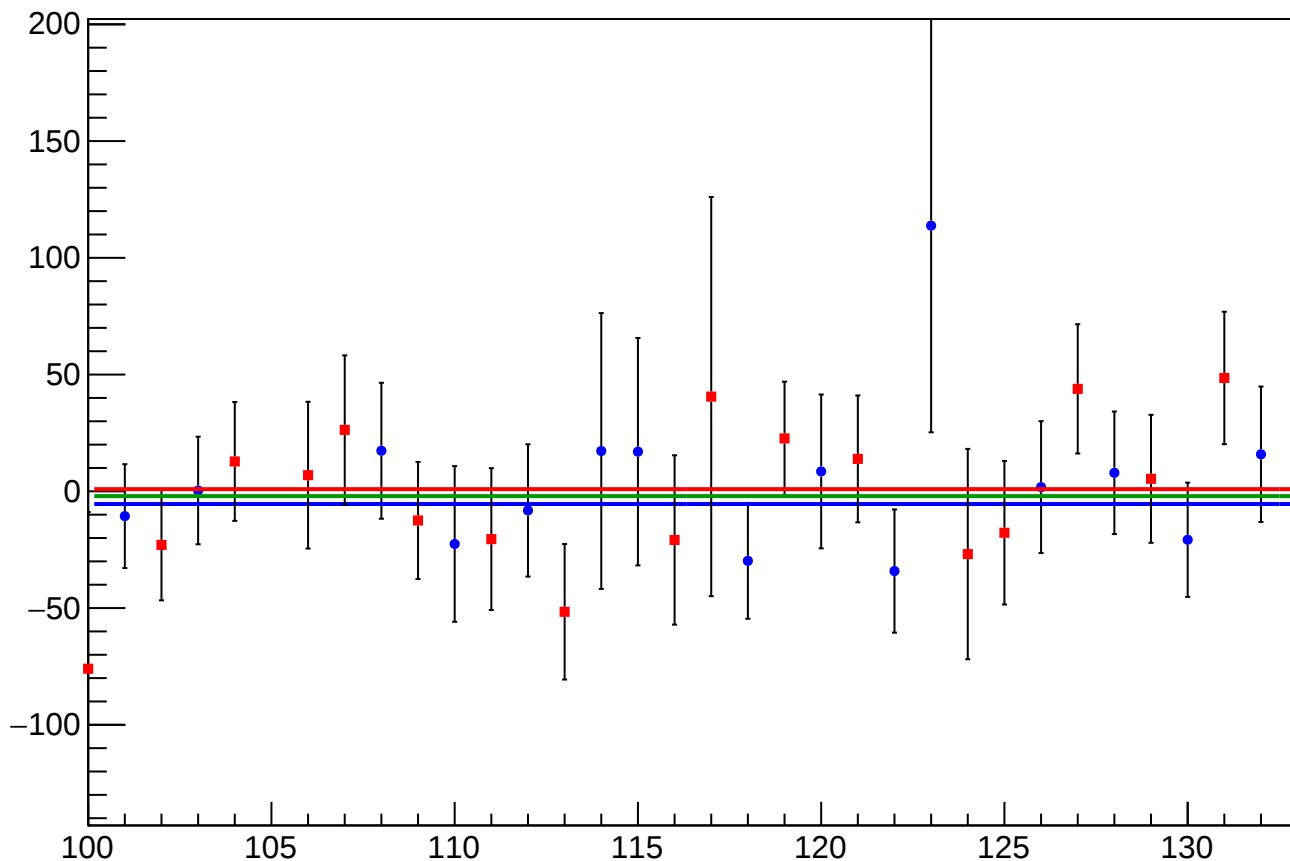
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

191.799 ± 0.061 χ^2/NDF : 977655.0/14

181.533 ± 0.040 χ^2/NDF : 2616396.9/32

173.887 ± 0.053 χ^2/NDF : 1589601.7/17

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: 0.939+/-7.063 χ^2/NDF : 15.0/17

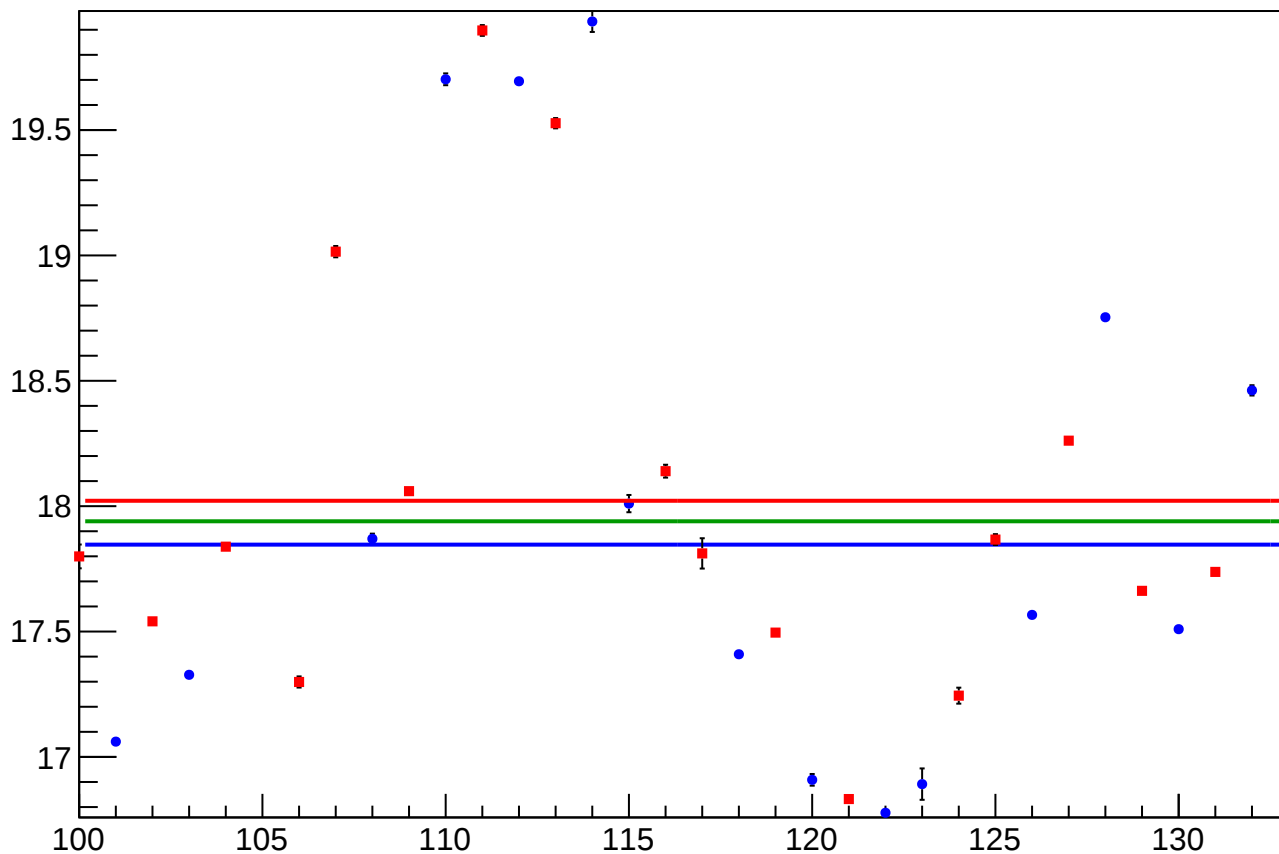
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.440+/-7.535 χ^2/NDF : 6.8/14

-2.044+/-5.153 χ^2/NDF : 22.2/32

0.939+/-7.063 χ^2/NDF : 15.0/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.847+/-0.005 χ^2/NDF : 30372.2/14

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

Right Out: 18.022+/-0.005 χ^2/NDF : 23619.7/17

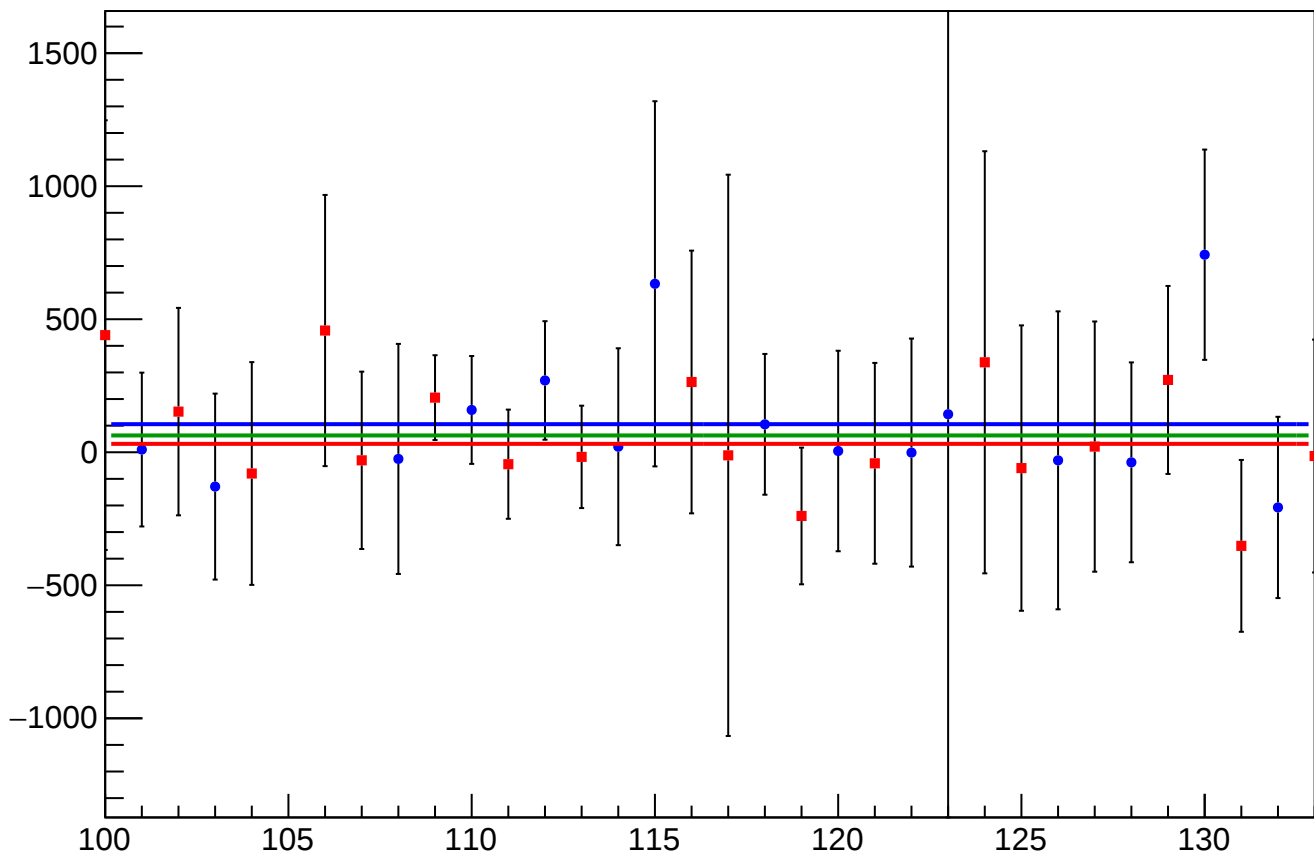
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.847+/-0.005 χ^2/NDF : 30372.2/14

17.940+/-0.004 χ^2/NDF : 54565.6/32

18.022+/-0.005 χ^2/NDF : 23619.7/17

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 105.547 ± 87.067 χ^2/NDF : 5.7/14

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

Right Out: 31.541 ± 75.306 χ^2/NDF : 6.0/17

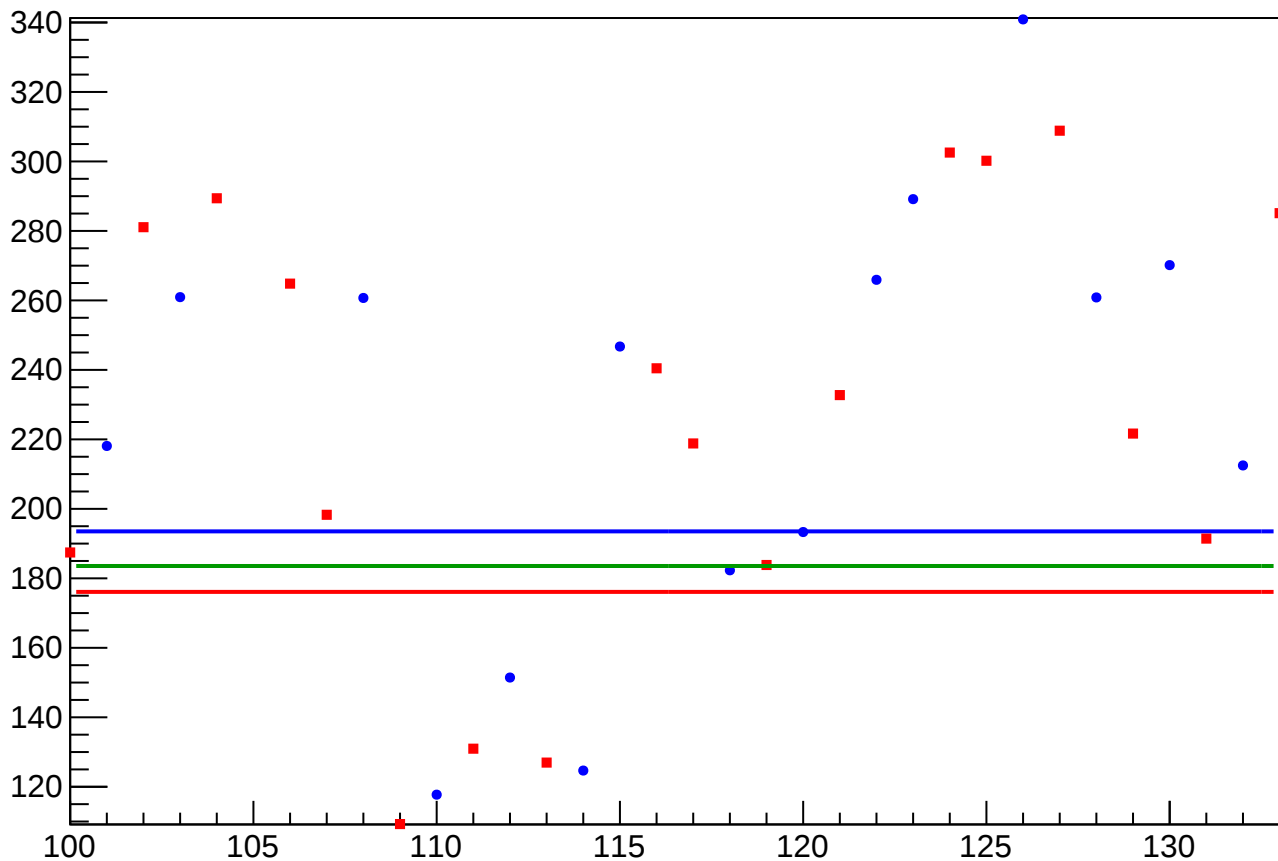
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

105.547 ± 87.067 χ^2/NDF : 5.7/14

63.211 ± 56.957 χ^2/NDF : 12.1/32

31.541 ± 75.306 χ^2/NDF : 6.0/17

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.518 ± 0.062 $\chi^2/\text{NDF}: 922144.5/14$

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

Right Out: 176.099 ± 0.053 $\chi^2/\text{NDF}: 1503103.4/17$

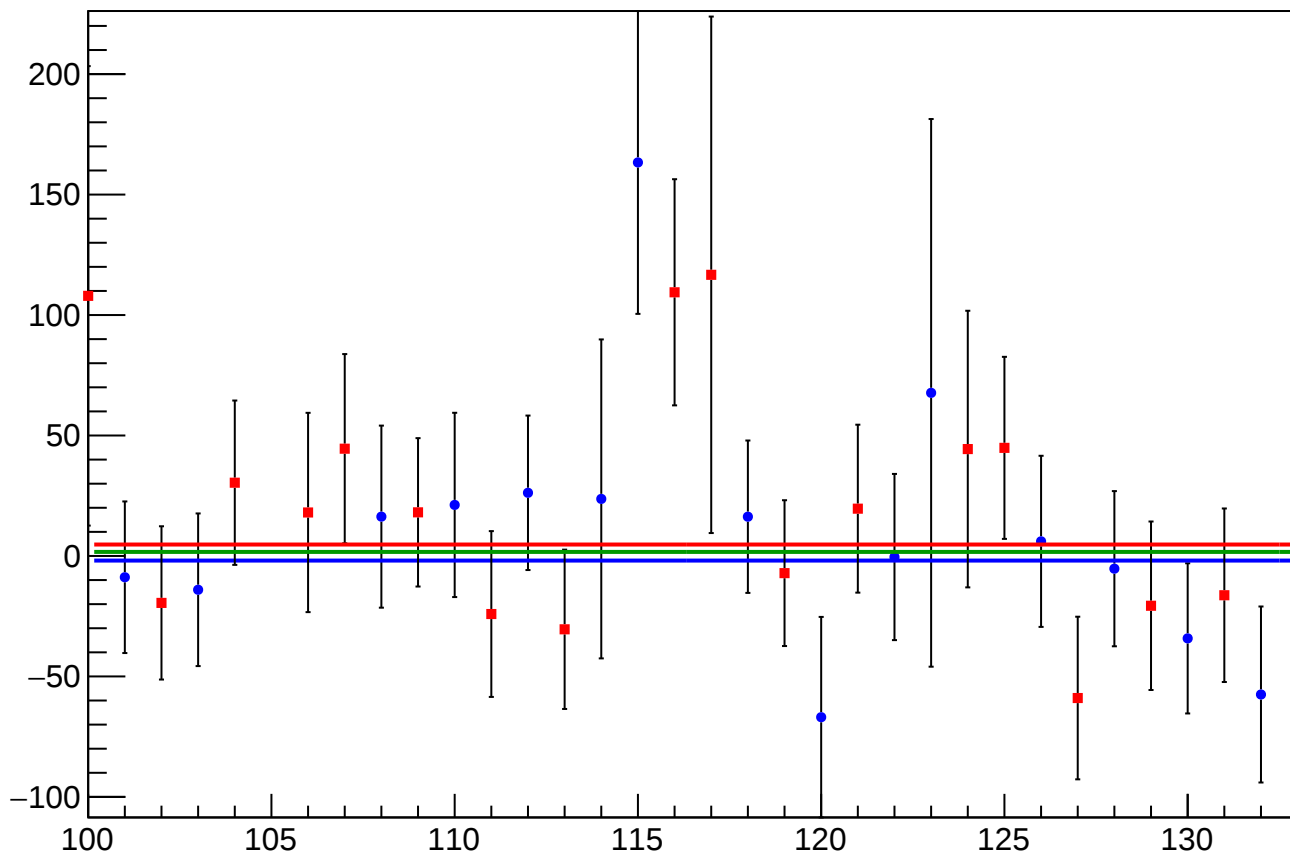
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

193.518 ± 0.062 $\chi^2/\text{NDF}: 922144.5/14$

183.554 ± 0.040 $\chi^2/\text{NDF}: 2471041.8/32$

176.099 ± 0.053 $\chi^2/\text{NDF}: 1503103.4/17$

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: 4.748+/-8.860 χ^2/NDF : 17.9/17

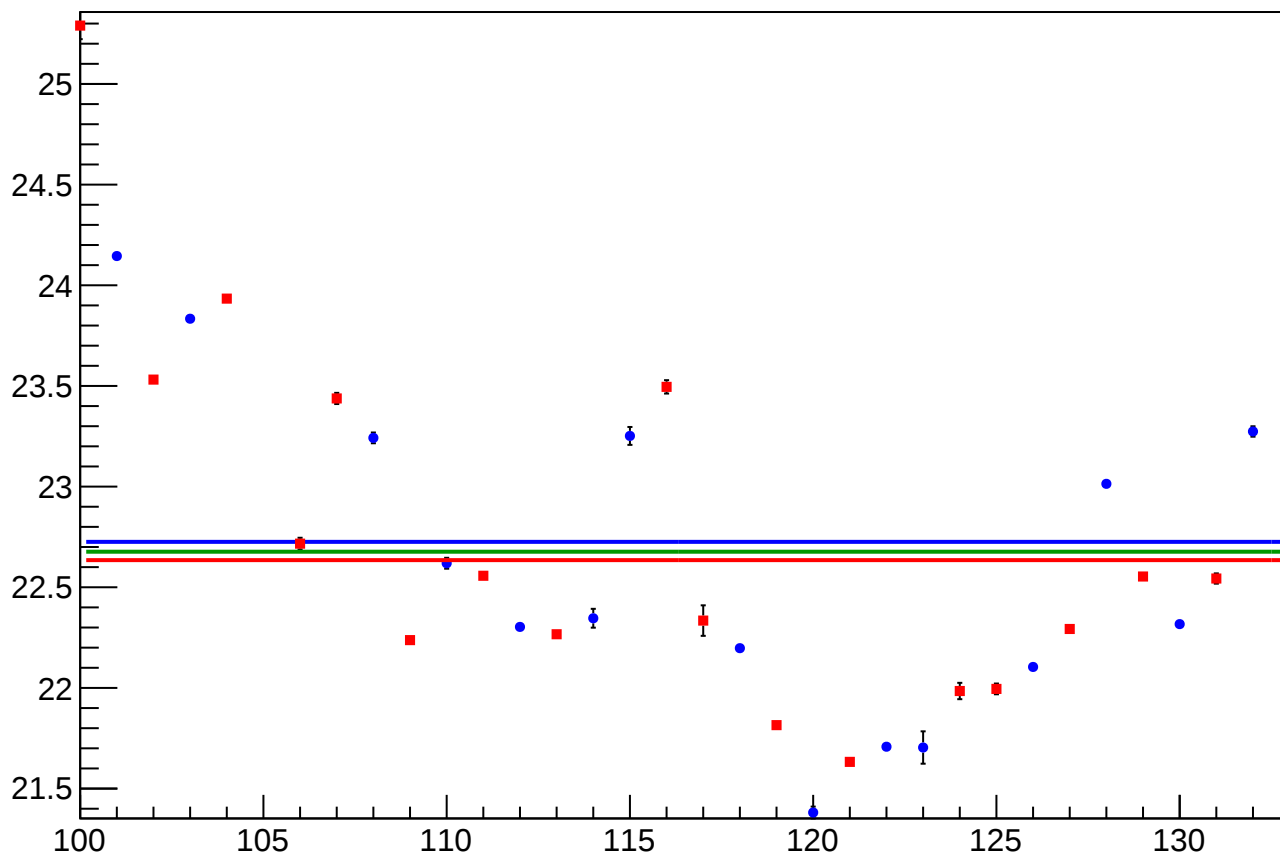
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.912+/-9.589 χ^2/NDF : 15.2/14

1.681+/-6.507 χ^2/NDF : 33.4/32

4.748+/-8.860 χ^2/NDF : 17.9/17

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: 22.635 $\pm$ 0.006 χ^2 /NDF: 12732.2/17

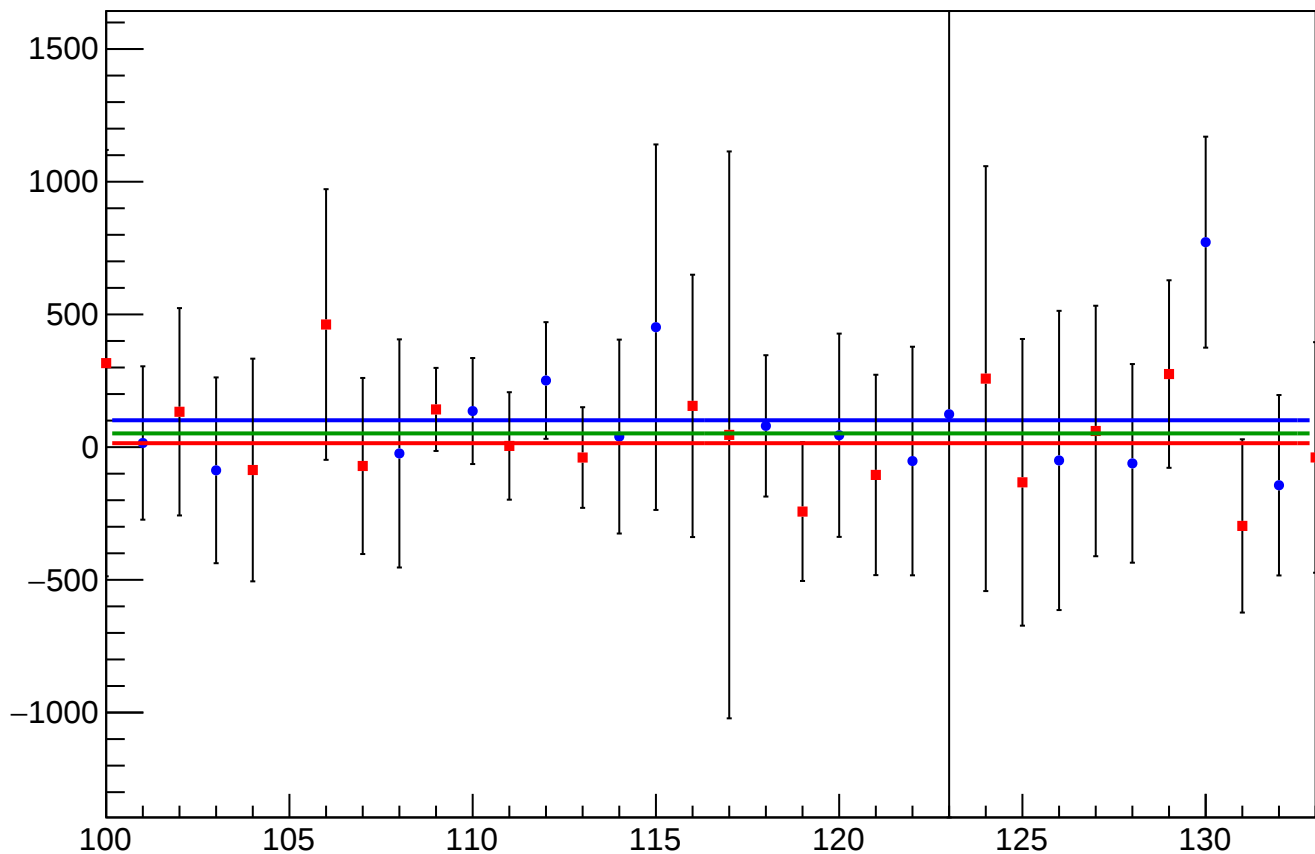
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

22.726 $\pm$ 0.007 χ^2 /NDF: 13576.6/14

22.677 $\pm$ 0.005 χ^2 /NDF: 26405.5/32

22.635 $\pm$ 0.006 χ^2 /NDF: 12732.2/17

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: 14.839 $\pm$ 74.839 χ^2 /NDF: 4.7/17

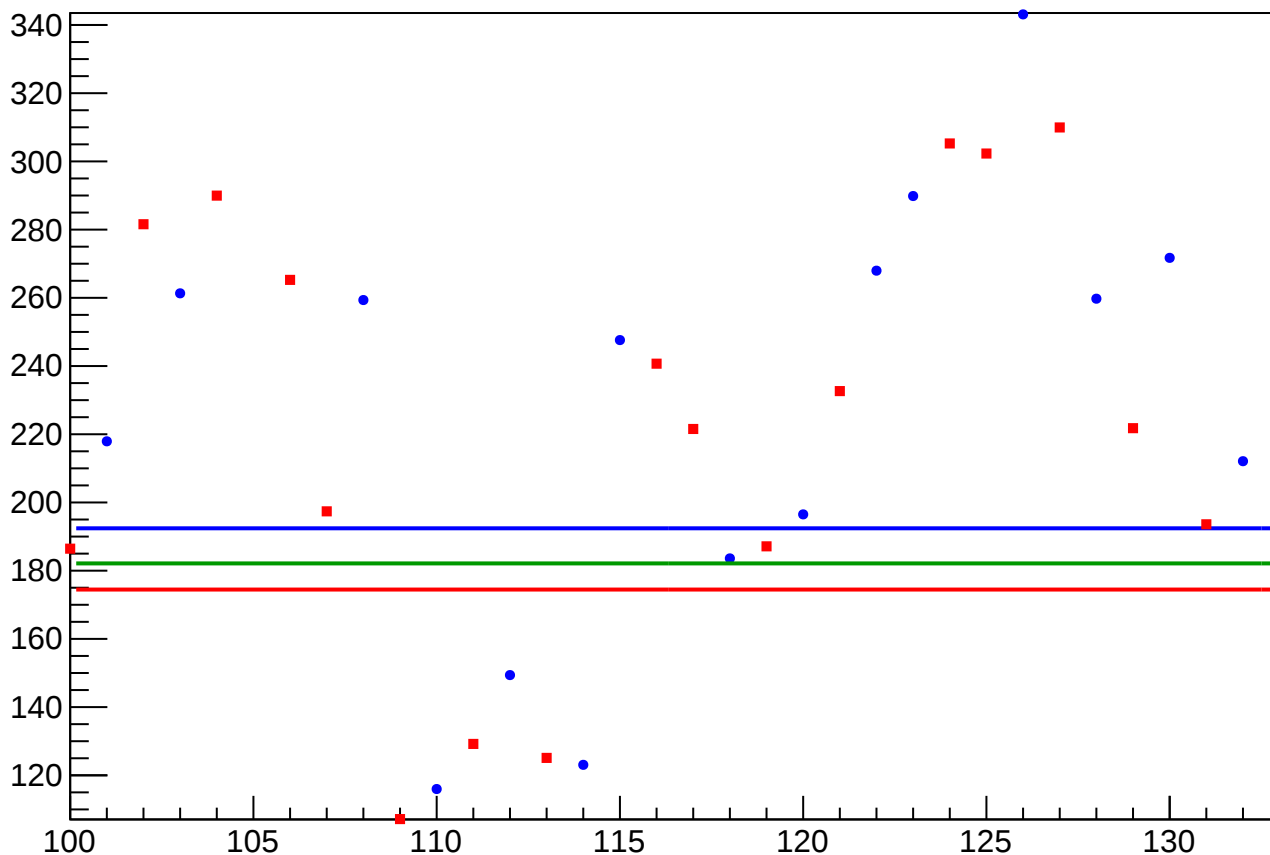
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.248 $\pm$ 86.730 χ^2 /NDF: 5.0/14

51.718 $\pm$ 56.660 χ^2 /NDF: 10.3/32

14.839 $\pm$ 74.839 χ^2 /NDF: 4.7/17

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: 174.466+/-0.053 χ^2/NDF : 1570430.3/17

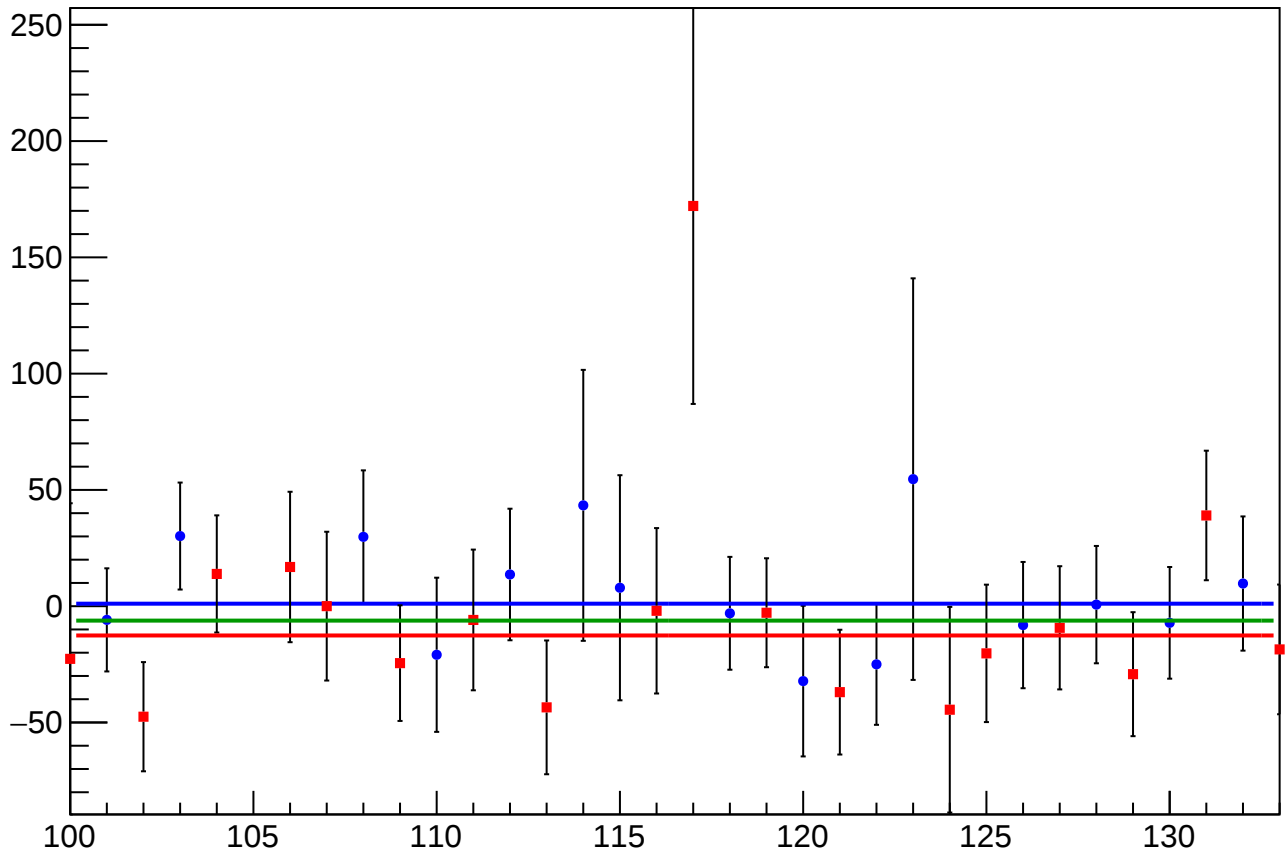
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.424+/-0.061 χ^2/NDF : 962272.5/14

182.131+/-0.040 χ^2/NDF : 2581849.1/32

174.466+/-0.053 χ^2/NDF : 1570430.3/17

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: -12.589 $\pm$ 6.955 χ^2 /NDF: 16.0/17

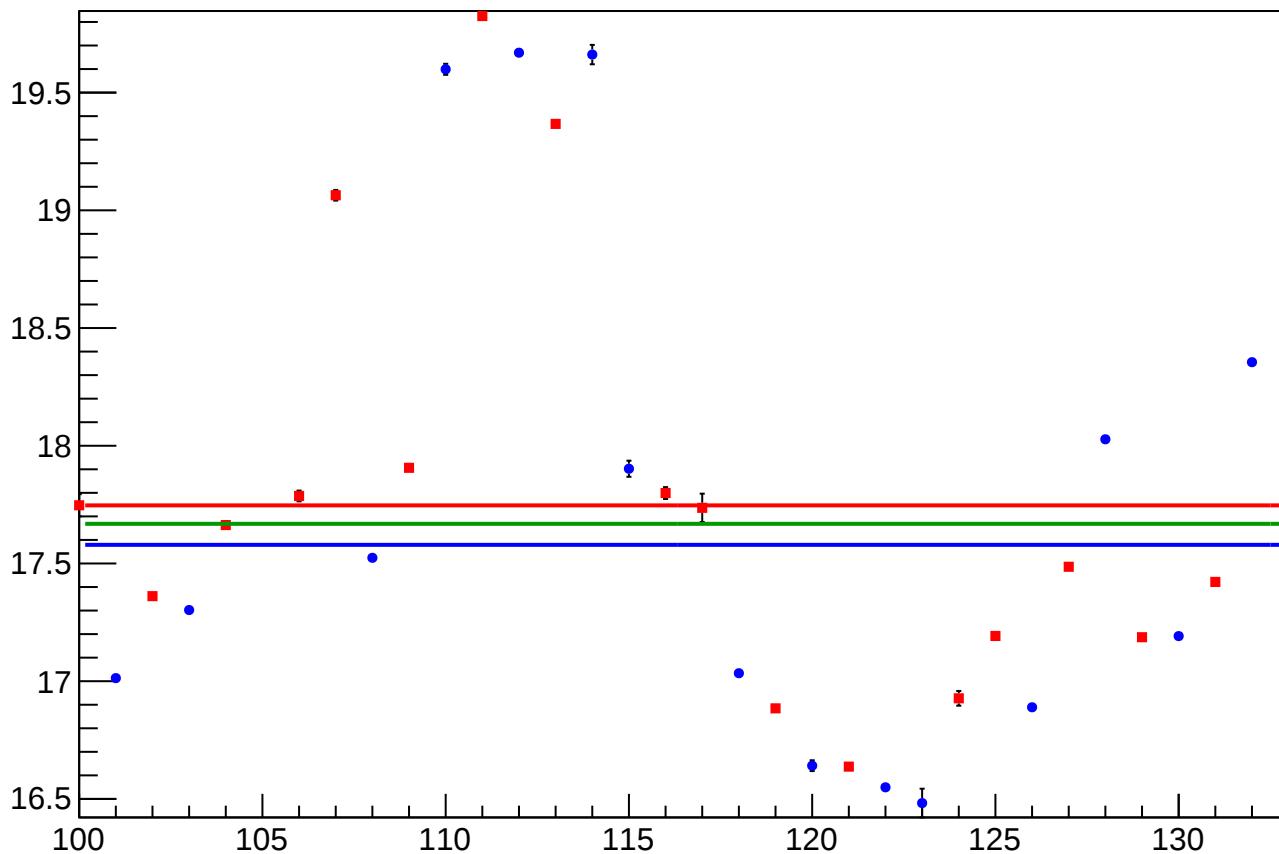
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.080 $\pm$ 7.421 χ^2 /NDF: 6.7/14

-6.197 $\pm$ 5.075 χ^2 /NDF: 24.5/32

-12.589 $\pm$ 6.955 χ^2 /NDF: 16.0/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.579 $\pm$ 0.005 χ^2/NDF : 32628.1/14

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

Right Out: 17.747 $\pm$ 0.005 χ^2/NDF : 29516.2/17

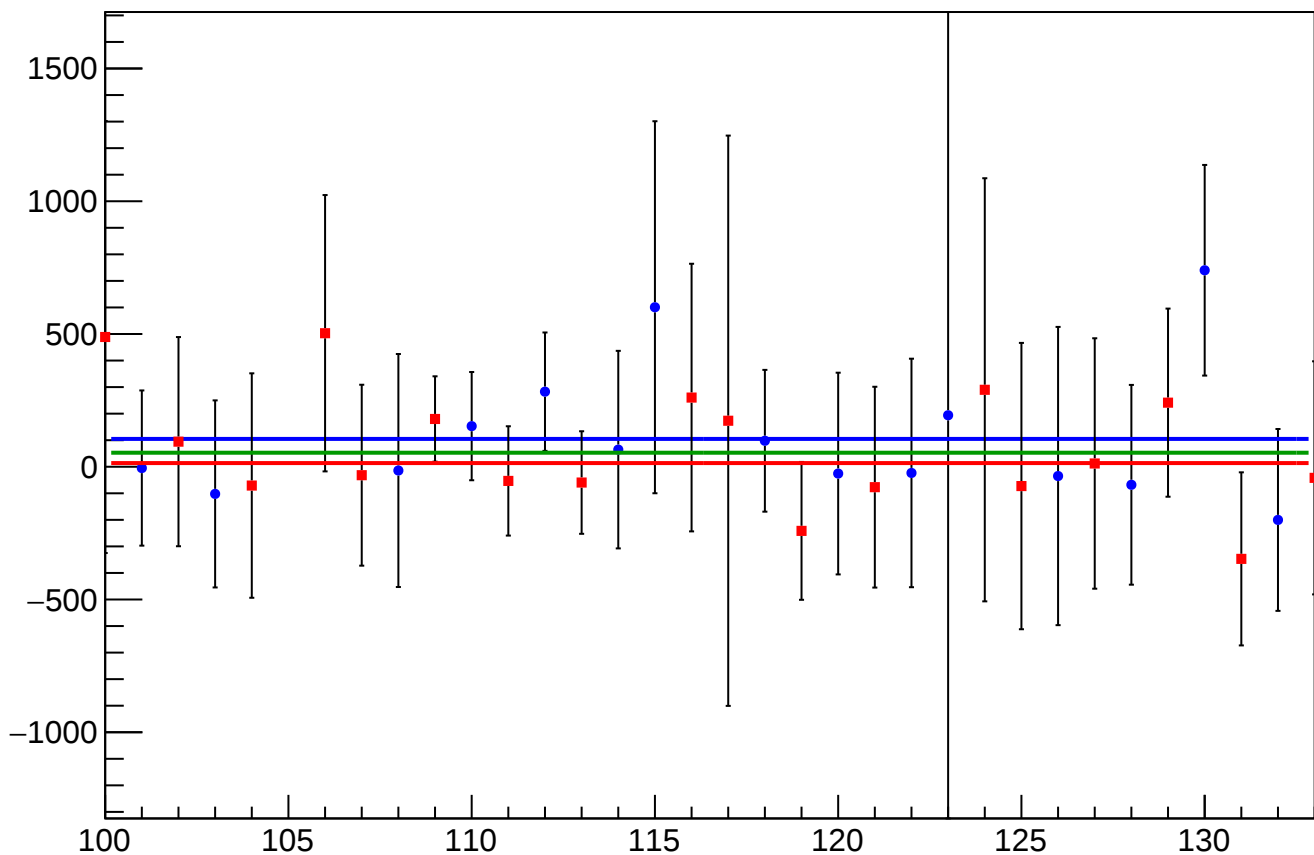
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.579 $\pm$ 0.005 χ^2/NDF : 32628.1/14

17.668 $\pm$ 0.004 χ^2/NDF : 62687.4/32

17.747 $\pm$ 0.005 χ^2/NDF : 29516.2/17

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: 13.841 $\pm$ 75.879 χ^2 /NDF: 5.7/17

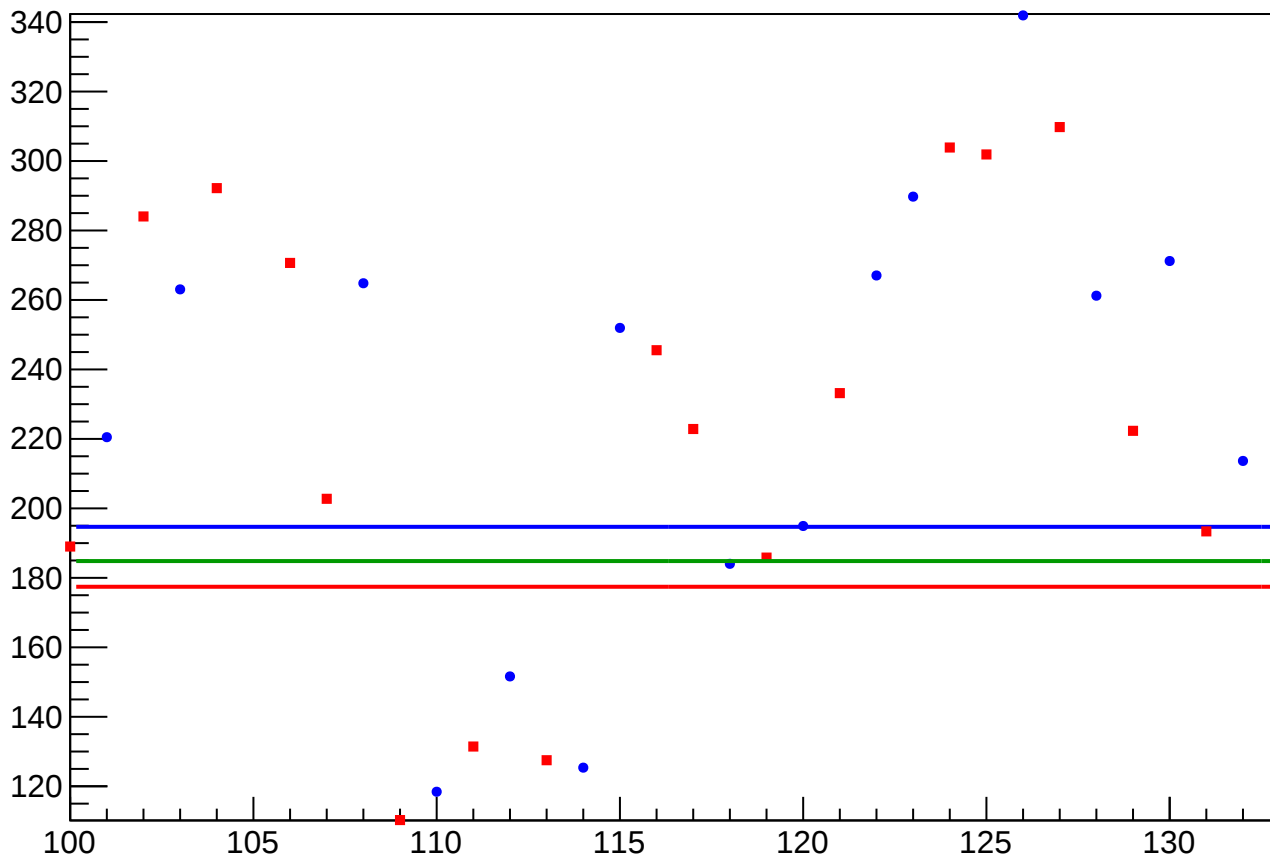
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

104.838 $\pm$ 87.603 χ^2 /NDF: 5.6/14

52.847 $\pm$ 57.355 χ^2 /NDF: 12.0/32

13.841 $\pm$ 75.879 χ^2 /NDF: 5.7/17

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: 177.437+/-0.054 χ^2/NDF : 1511529.5/17

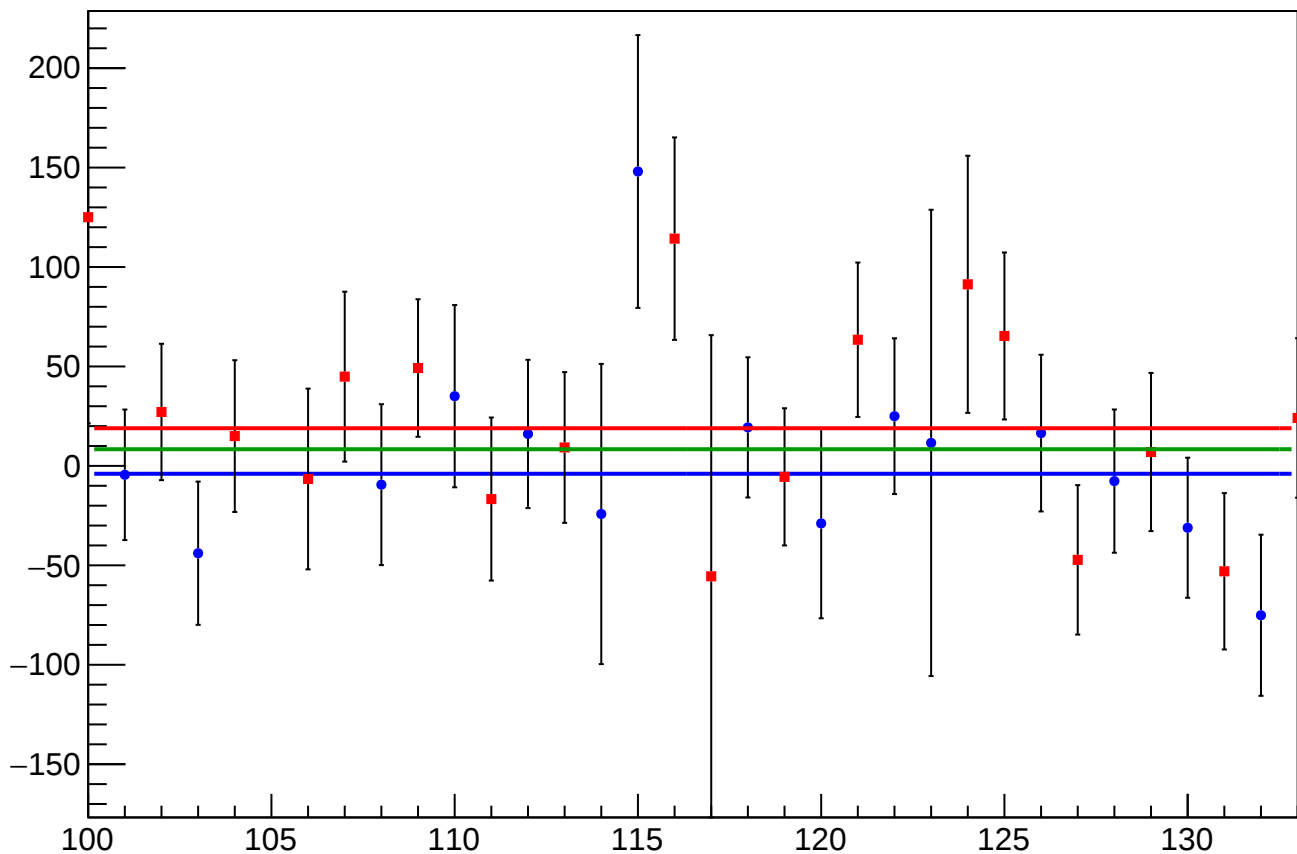
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.691+/-0.062 χ^2/NDF : 927469.2/14

184.833+/-0.041 χ^2/NDF : 2483323.7/32

177.437+/-0.054 χ^2/NDF : 1511529.5/17

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: 18.931 ± 9.919 $\chi^2/\text{NDF}: 18.1/17$

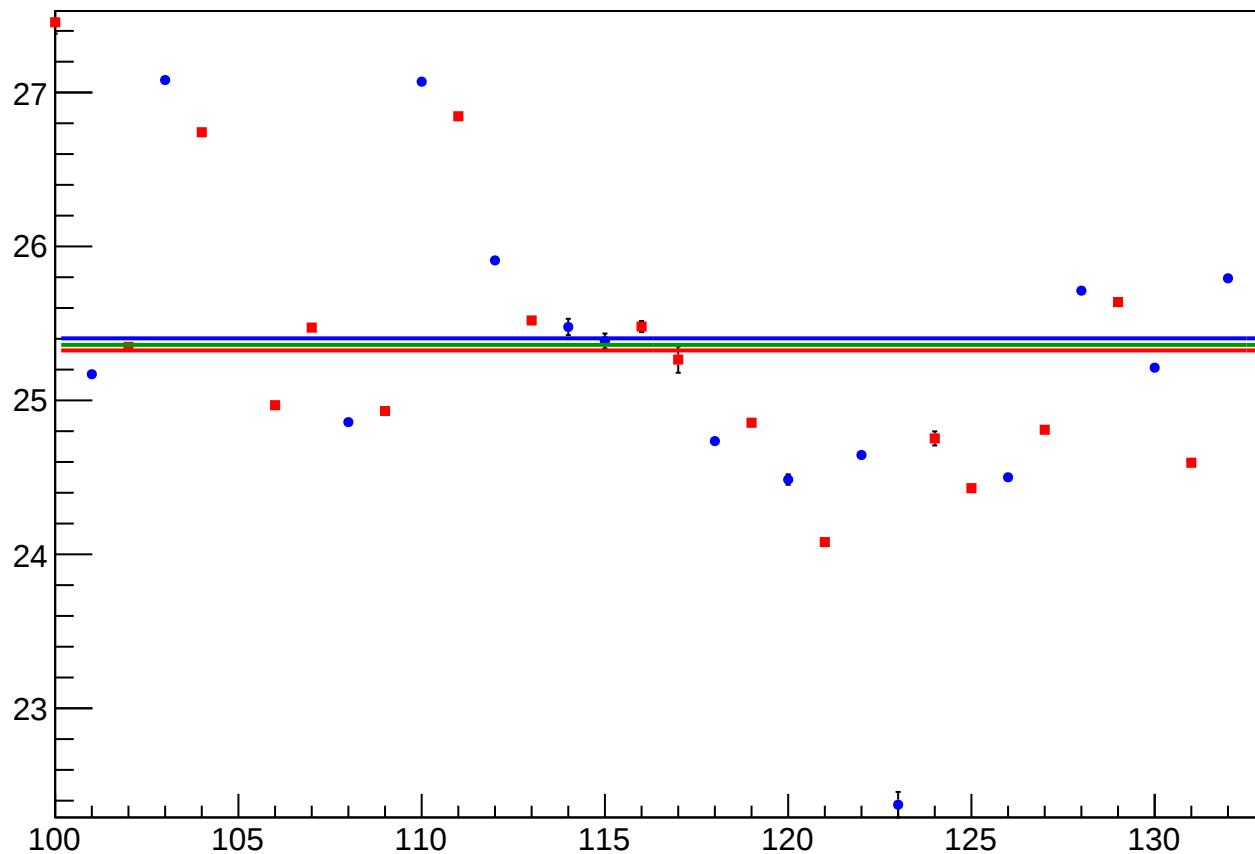
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.954 ± 10.725 $\chi^2/\text{NDF}: 12.5/14$

8.381 ± 7.282 $\chi^2/\text{NDF}: 33.0/32$

18.931 ± 9.919 $\chi^2/\text{NDF}: 18.1/17$

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: 25.324+/-0.007 χ^2/NDF : 12811.8/17

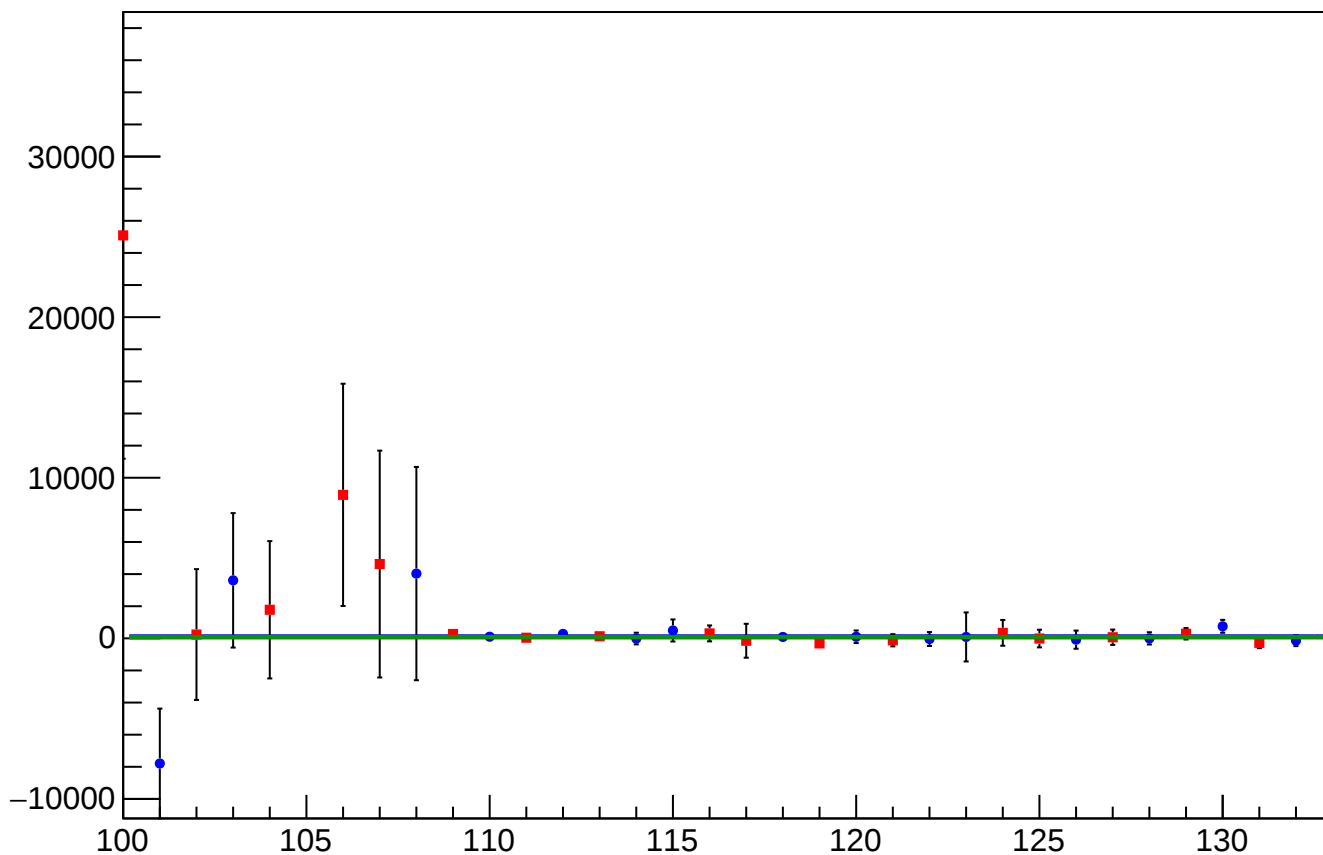
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.403+/-0.008 χ^2/NDF : 12803.4/14

25.361+/-0.005 χ^2/NDF : 25673.0/32

25.324+/-0.007 χ^2/NDF : 12811.8/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 127.902 $\pm$ 97.062 χ^2 /NDF: 10.8/14

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

Right Out: 54.784 $\pm$ 87.376 χ^2 /NDF: 10.7/17

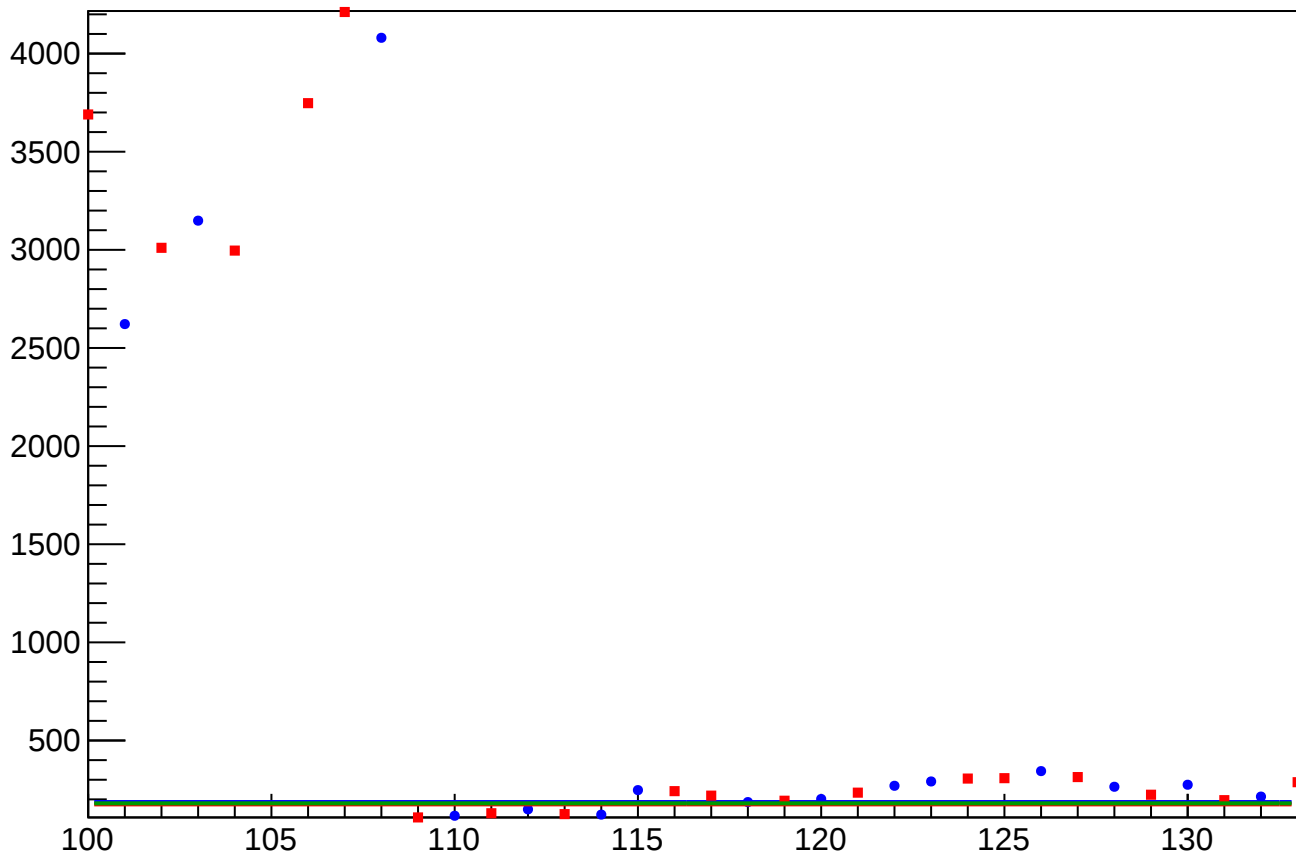
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

127.902 $\pm$ 97.062 χ^2 /NDF: 10.8/14

87.514 $\pm$ 64.939 χ^2 /NDF: 21.7/32

54.784 $\pm$ 87.376 χ^2 /NDF: 10.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.432+/-0.069 χ^2/NDF : 3515139.7/14

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

Right Out: 174.406+/-0.062 χ^2/NDF : 4200031.2/17

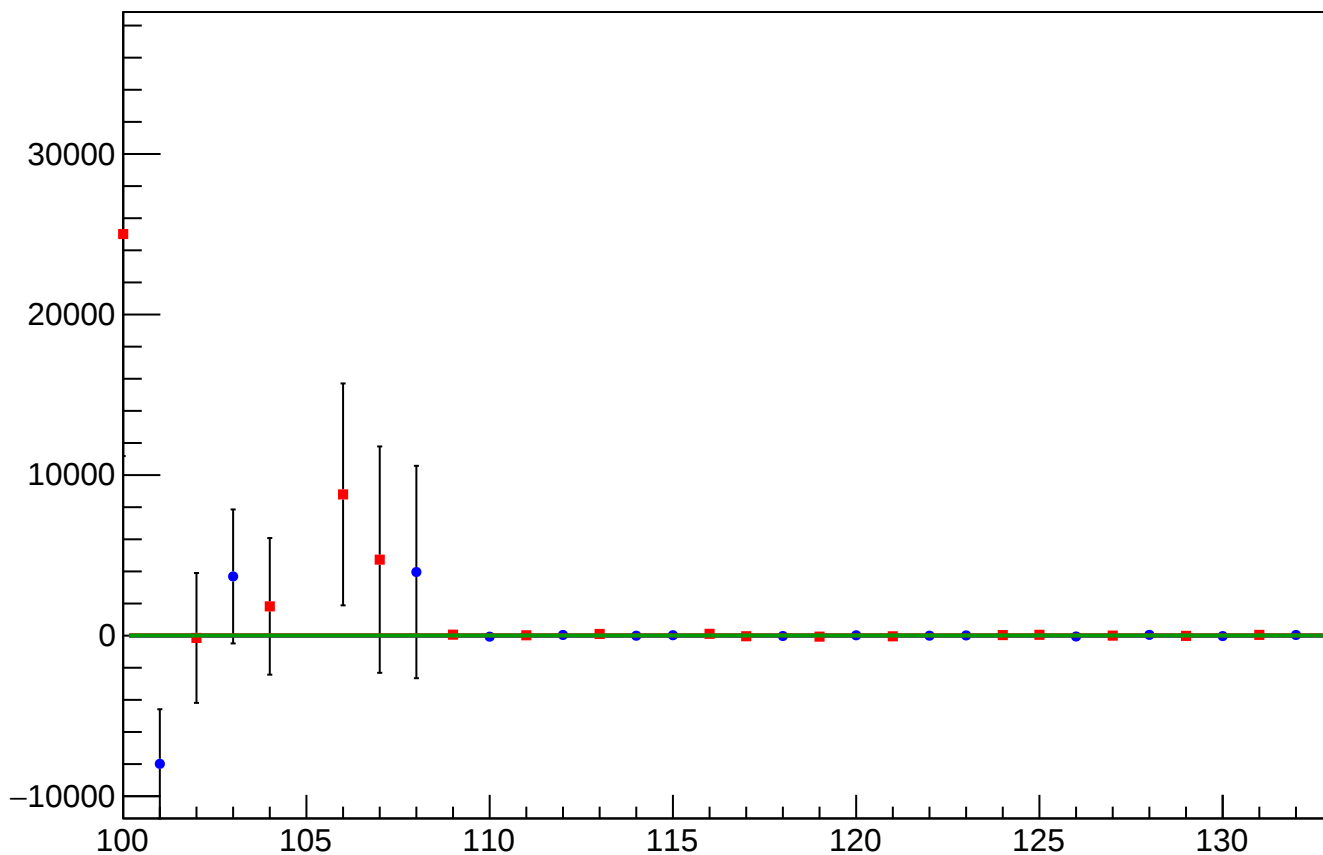
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

186.432+/-0.069 χ^2/NDF : 3515139.7/14

179.789+/-0.046 χ^2/NDF : 7732130.7/32

174.406+/-0.062 χ^2/NDF : 4200031.2/17

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: 19.028+/-13.060 χ^2/NDF : 22.0/17

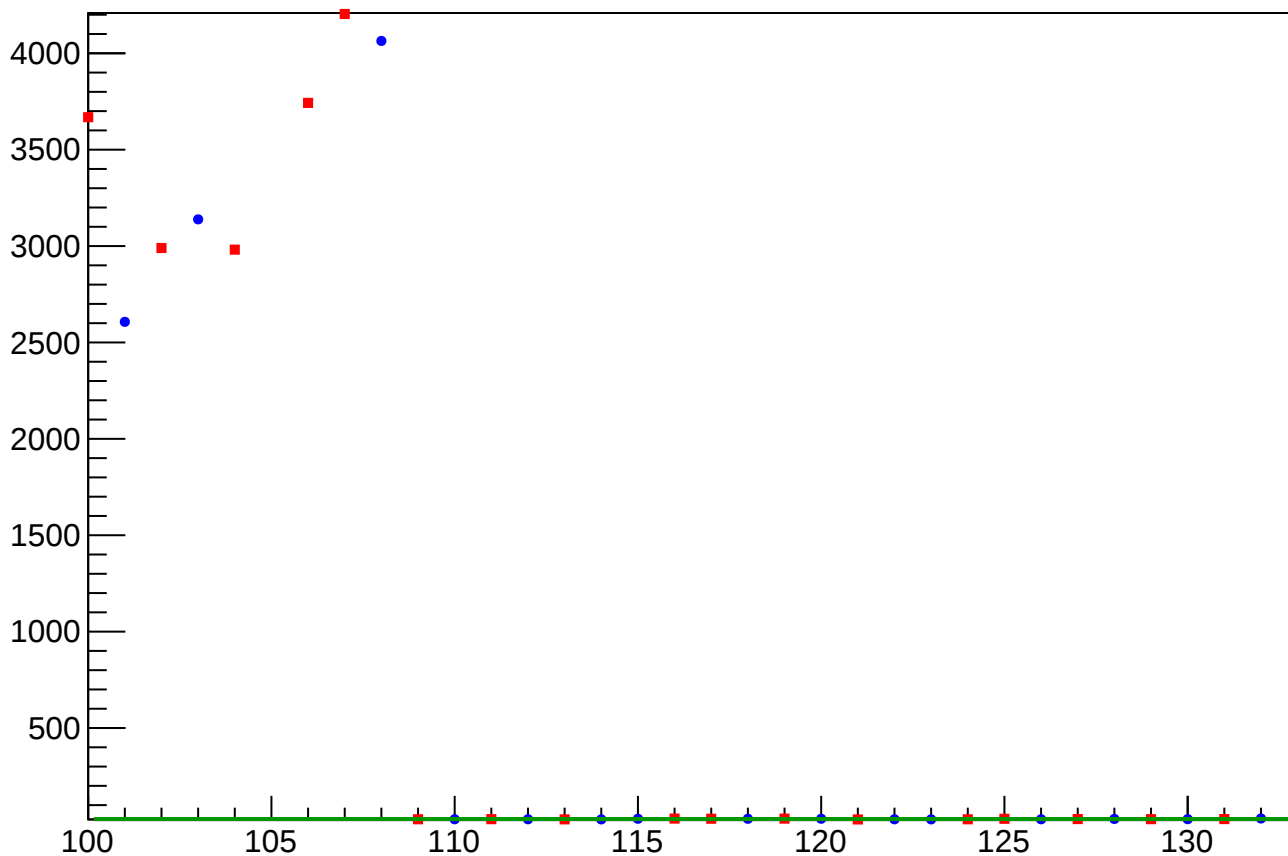
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.304+/-13.691 χ^2/NDF : 14.7/14

9.342+/-9.450 χ^2/NDF : 37.9/32

19.028+/-13.060 χ^2/NDF : 22.0/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.742+/-0.010 χ^2/NDF : 3026519.8/14

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

Right Out: 27.738+/-0.009 χ^2/NDF : 3476925.8/17

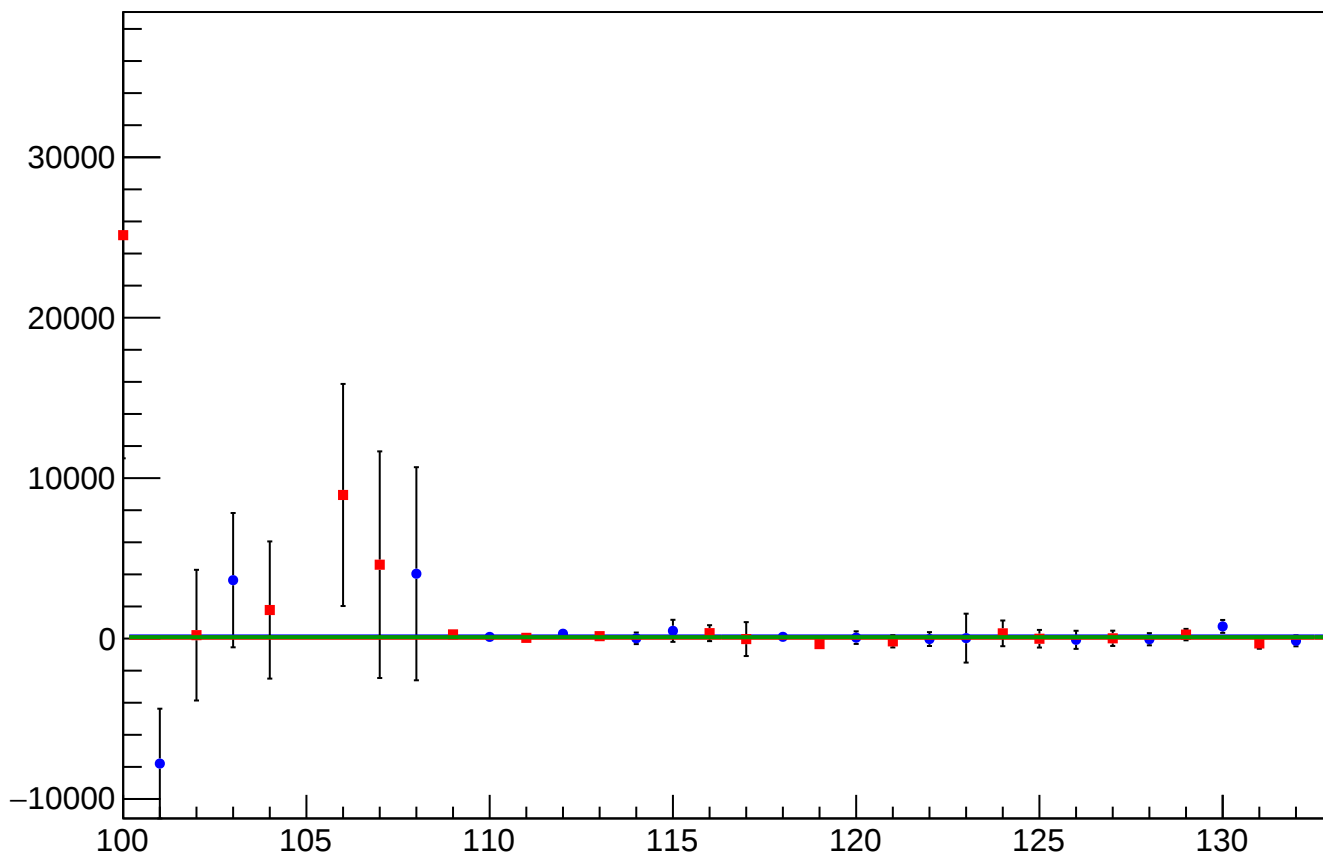
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.742+/-0.010 χ^2/NDF : 3026519.8/14

27.740+/-0.007 χ^2/NDF : 6503445.7/32

27.738+/-0.009 χ^2/NDF : 3476925.8/17

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: 48.678+/-87.063 χ^2/NDF : 11.2/17

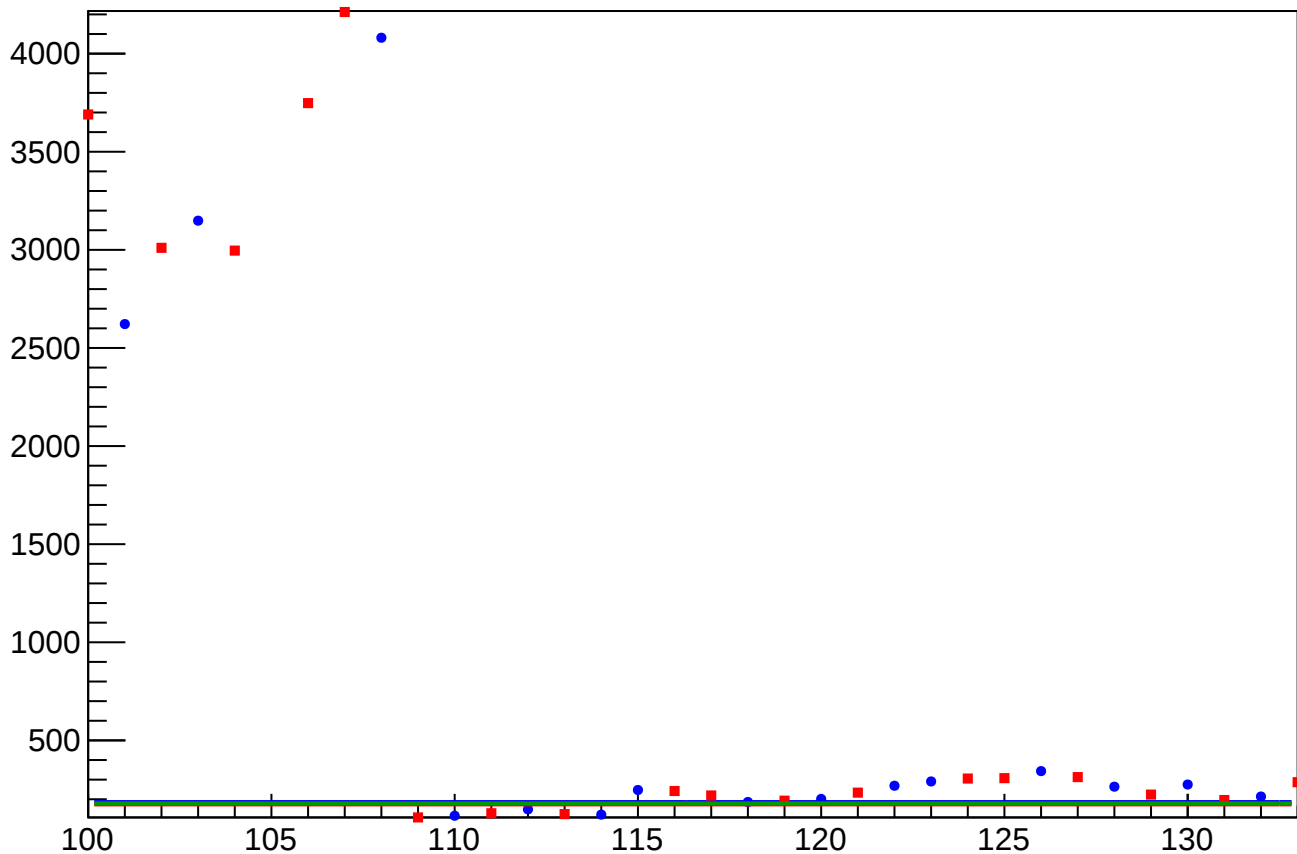
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.462+/-96.748 χ^2/NDF : 11.0/14

87.063+/-64.717 χ^2/NDF : 22.6/32

48.678+/-87.063 χ^2/NDF : 11.2/17

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: 173.650+/-0.062 χ^2/NDF : 4211840.3/17

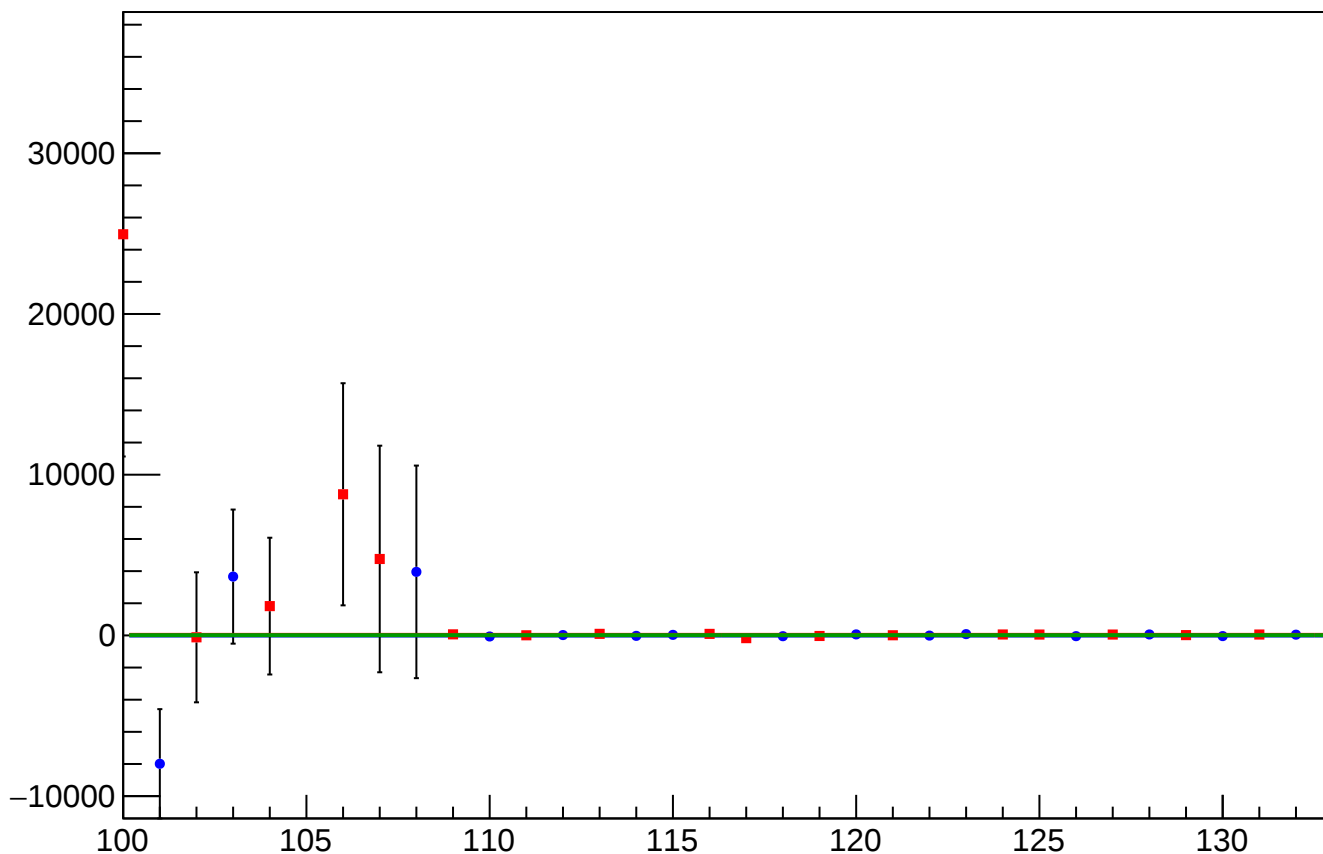
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

185.696+/-0.068 χ^2/NDF : 3526355.3/14

179.040+/-0.046 χ^2/NDF : 7755328.6/32

173.650+/-0.062 χ^2/NDF : 4211840.3/17

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: 33.137+/-13.177 χ^2/NDF : 16.7/17

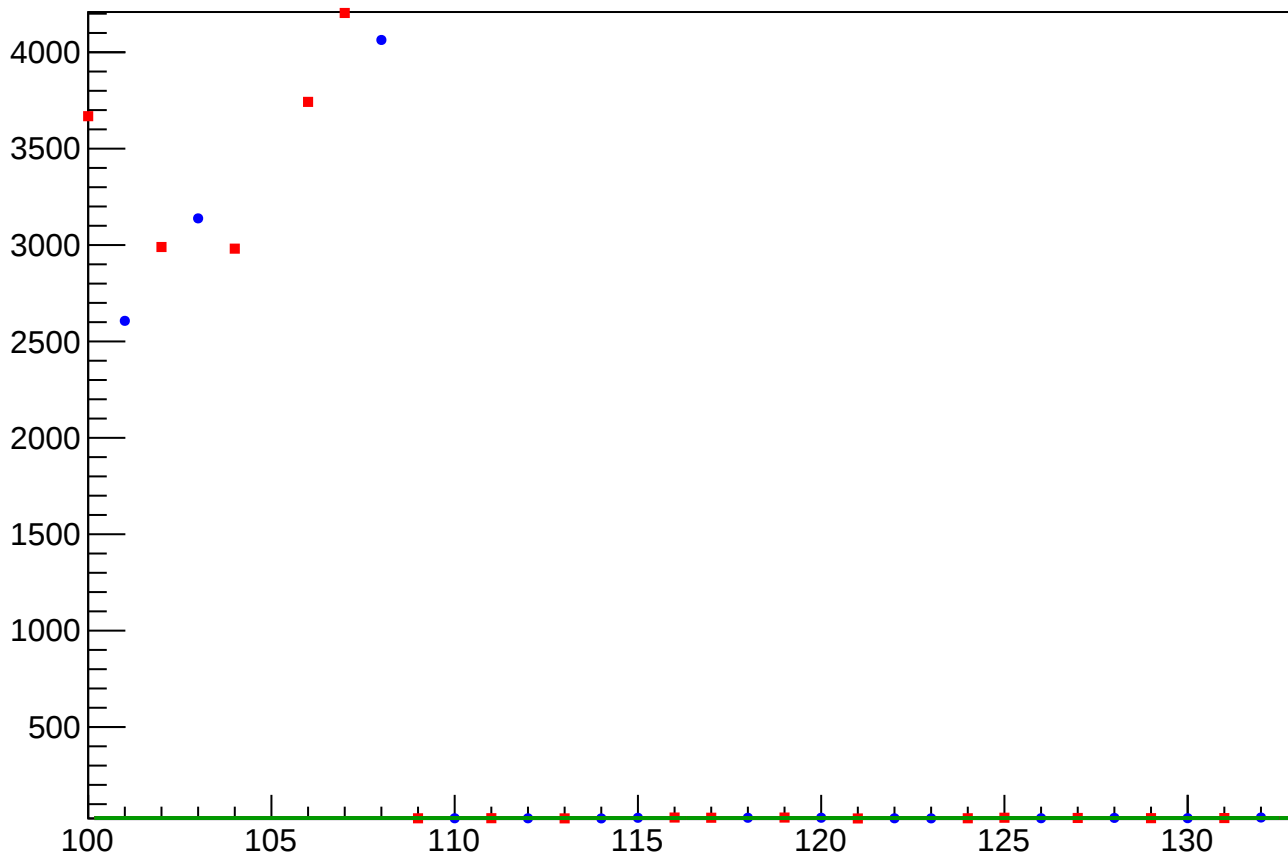
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.068+/-13.787 χ^2/NDF : 17.8/14

14.900+/-9.526 χ^2/NDF : 38.6/32

33.137+/-13.177 χ^2/NDF : 16.7/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.932+/-0.010 χ^2 /NDF: 3026735.9/14

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

Right Out: 27.981+/-0.009 χ^2 /NDF: 3479564.0/17

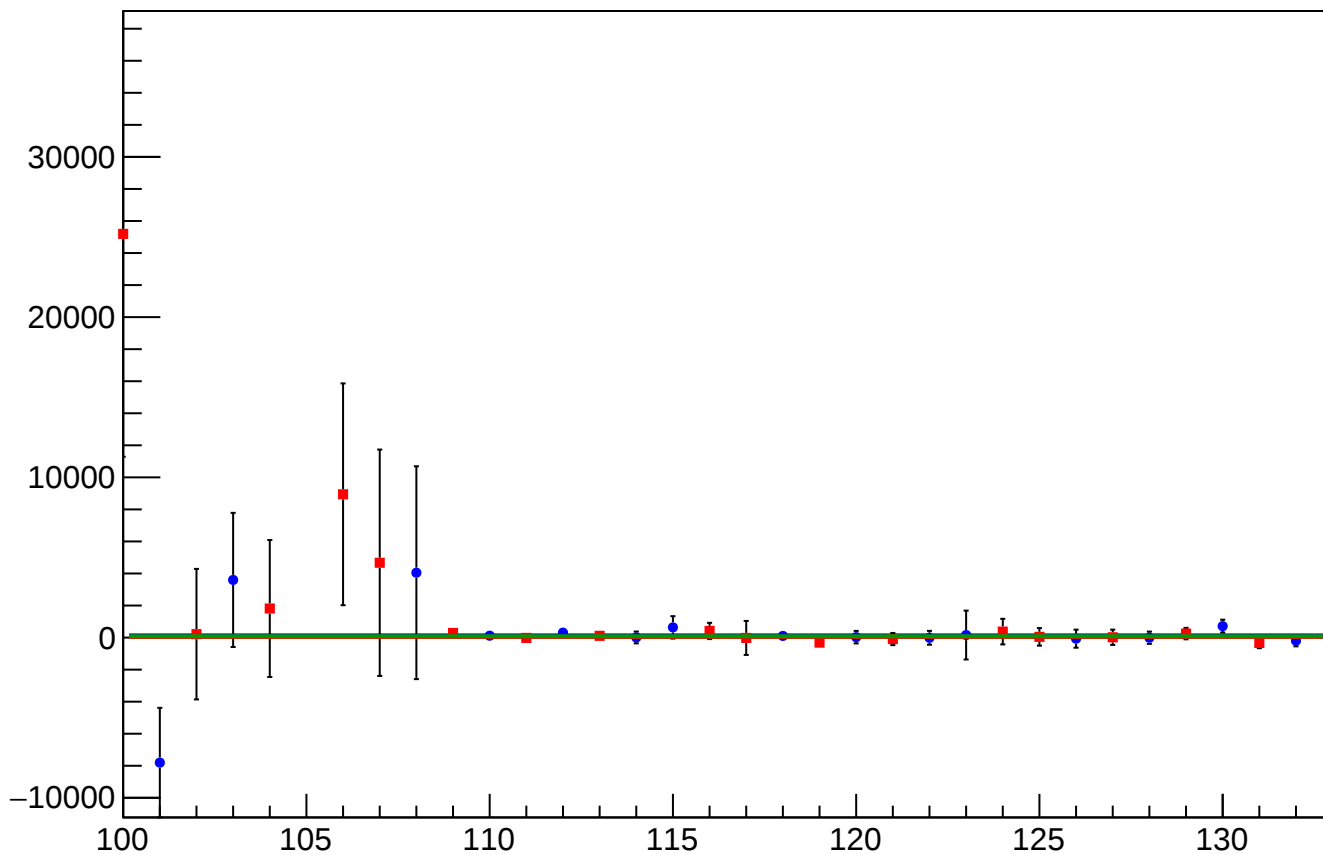
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.932+/-0.010 χ^2 /NDF: 3026735.9/14

27.958+/-0.007 χ^2 /NDF: 6506312.7/32

27.981+/-0.009 χ^2 /NDF: 3479564.0/17

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: 39.876+/-88.215 χ^2/NDF : 11.2/17

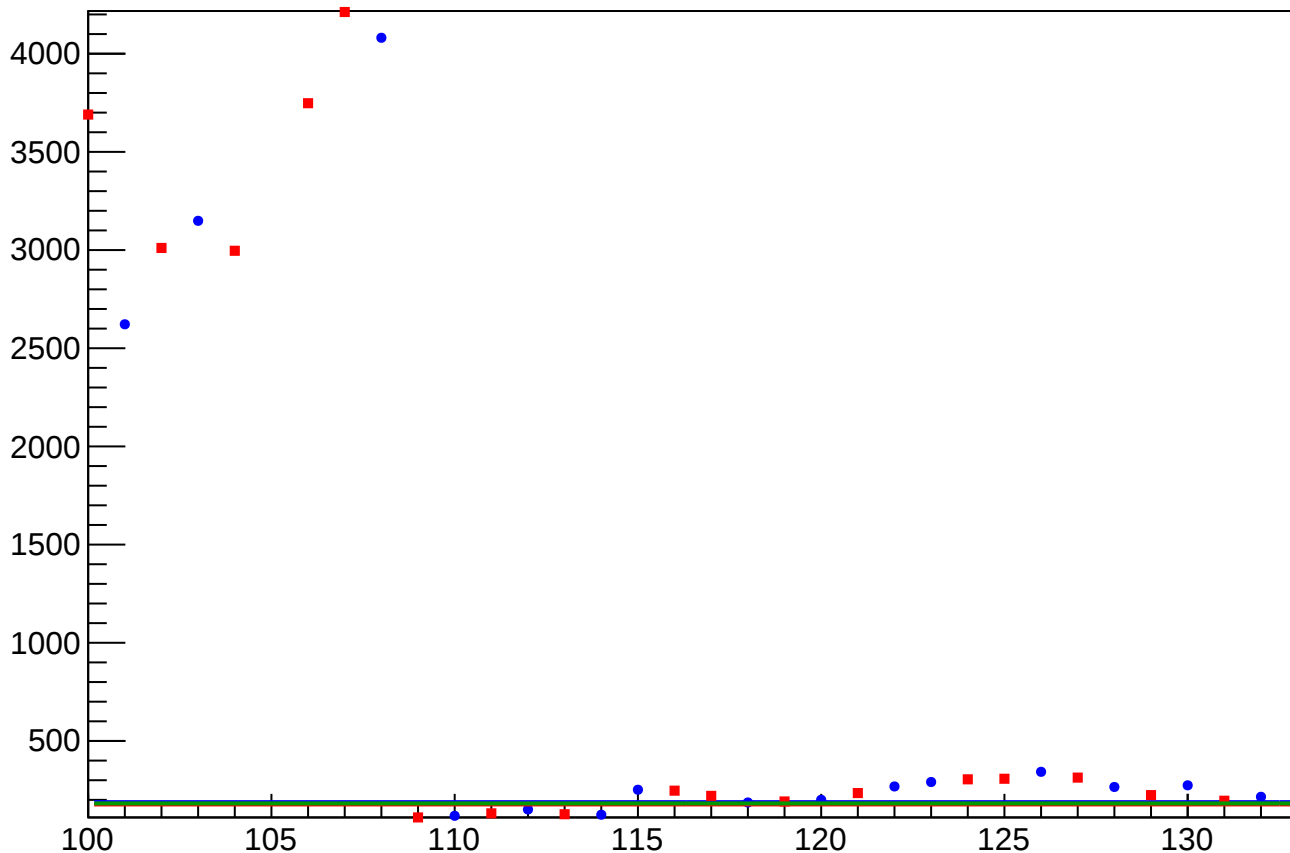
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.305+/-97.882 χ^2/NDF : 11.2/14

82.647+/-65.529 χ^2/NDF : 23.0/32

39.876+/-88.215 χ^2/NDF : 11.2/17

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: 176.597+/-0.062 χ^2/NDF : 4158226.9/17

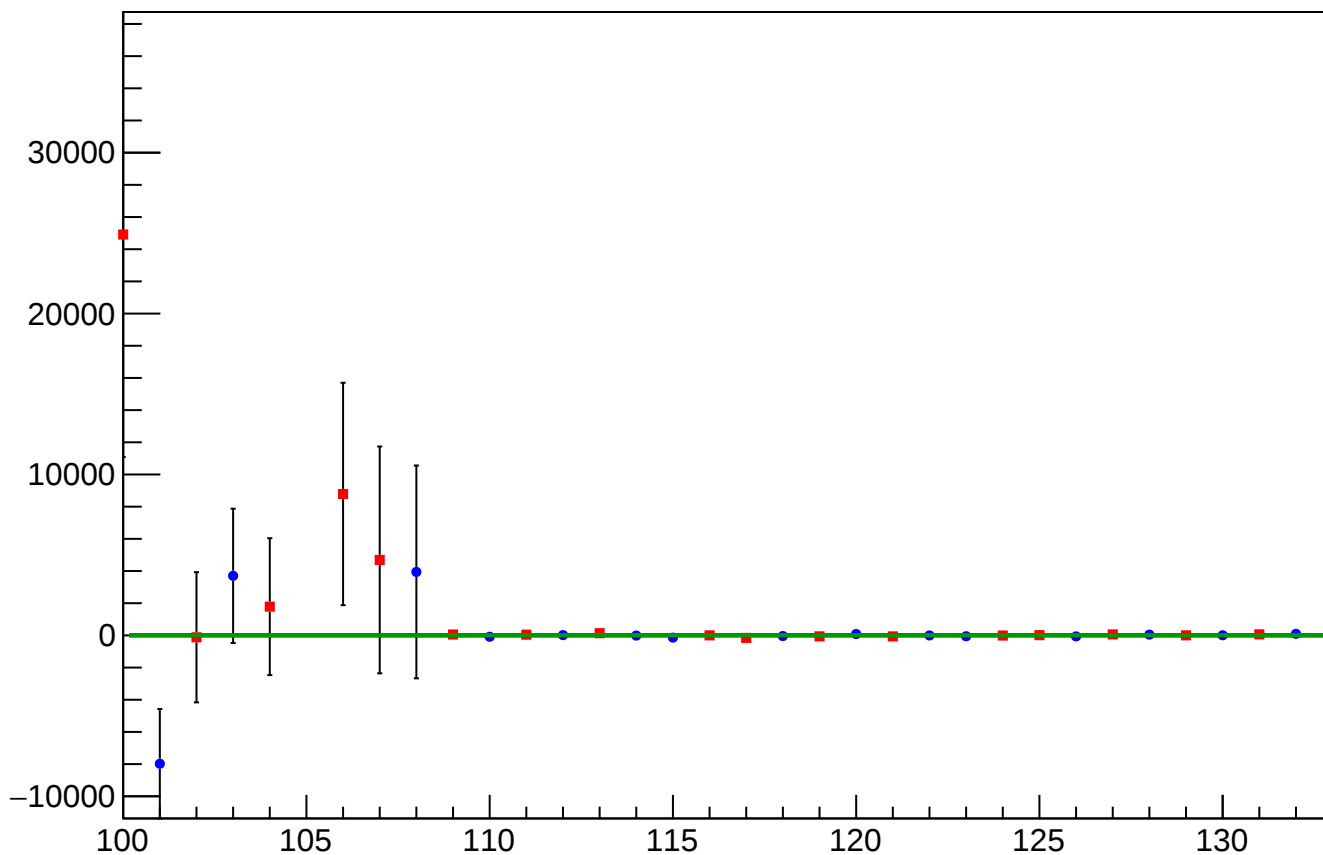
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

188.429+/-0.069 χ^2/NDF : 3479346.3/14

181.900+/-0.046 χ^2/NDF : 7653699.9/32

176.597+/-0.062 χ^2/NDF : 4158226.9/17

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: 19.103+/-15.921 χ^2/NDF : 20.5/17

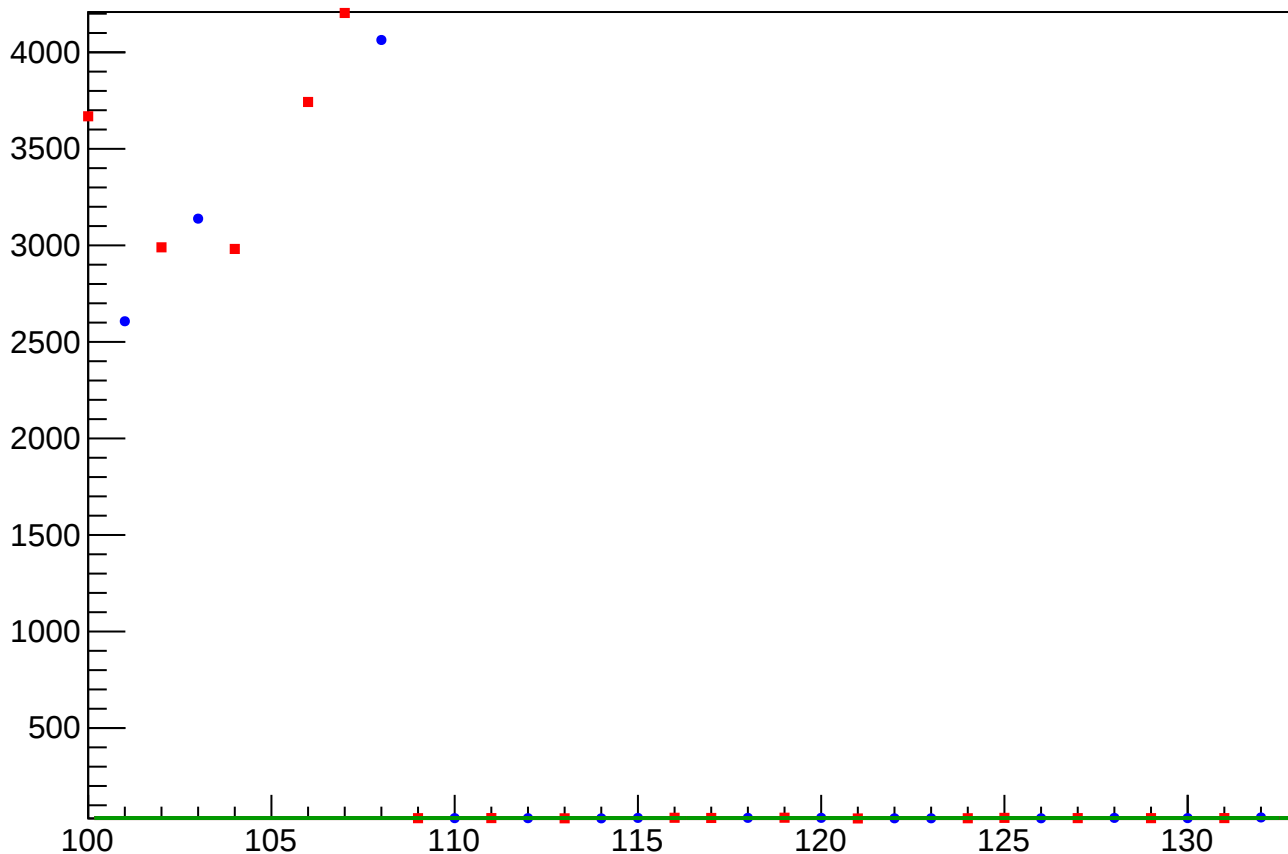
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.004+/-16.785 χ^2/NDF : 18.8/14

9.107+/-11.551 χ^2/NDF : 40.1/32

19.103+/-15.921 χ^2/NDF : 20.5/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.041 $\pm$ 0.012 χ^2 /NDF: 3005572.0/14

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

Right Out: 33.879 $\pm$ 0.011 χ^2 /NDF: 3451742.7/17

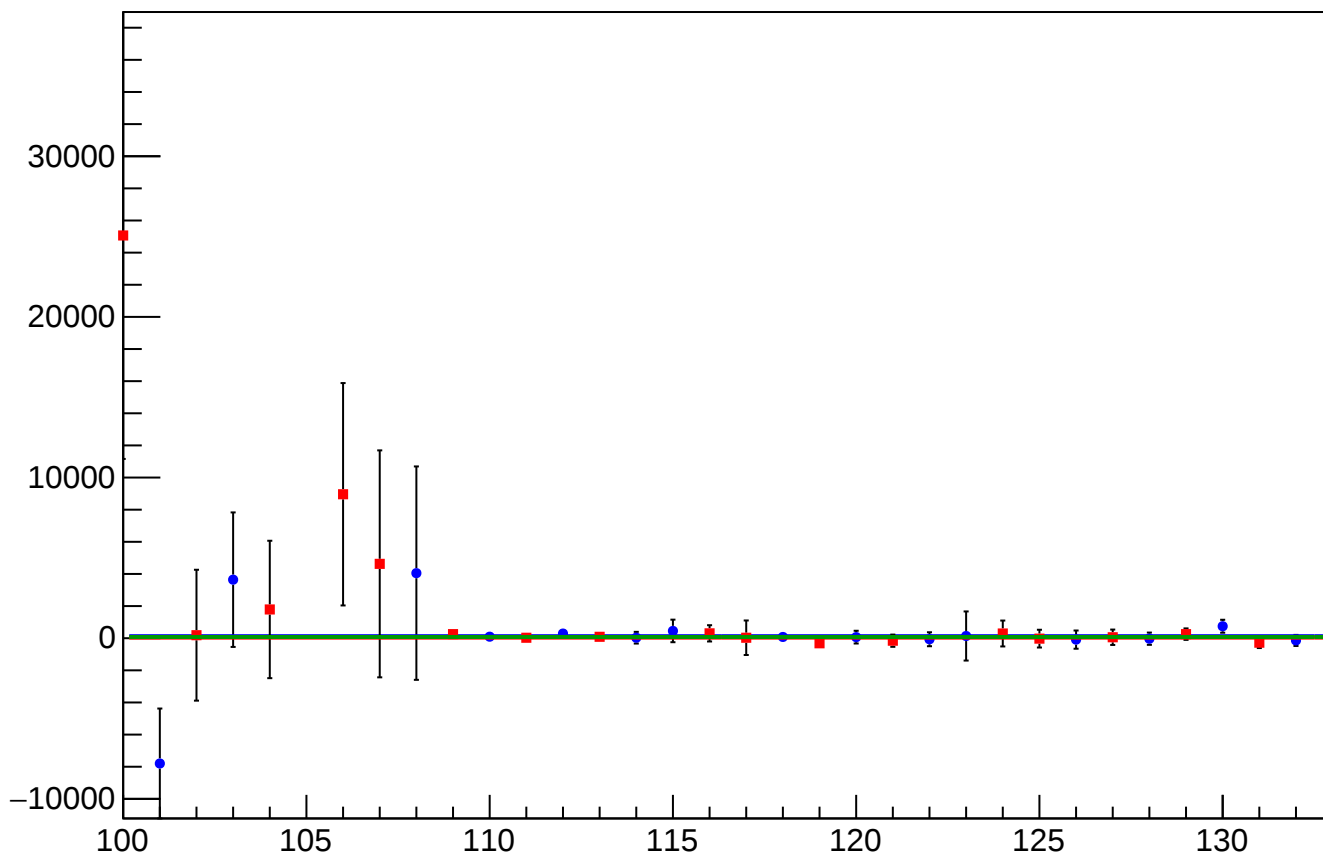
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.041 $\pm$ 0.012 χ^2 /NDF: 3005572.0/14

33.956 $\pm$ 0.008 χ^2 /NDF: 6457413.3/32

33.879 $\pm$ 0.011 χ^2 /NDF: 3451742.7/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 125.895 $\pm$ 97.421 χ^2 /NDF: 10.8/14

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

Right Out: 36.672 $\pm$ 87.749 χ^2 /NDF: 10.2/17

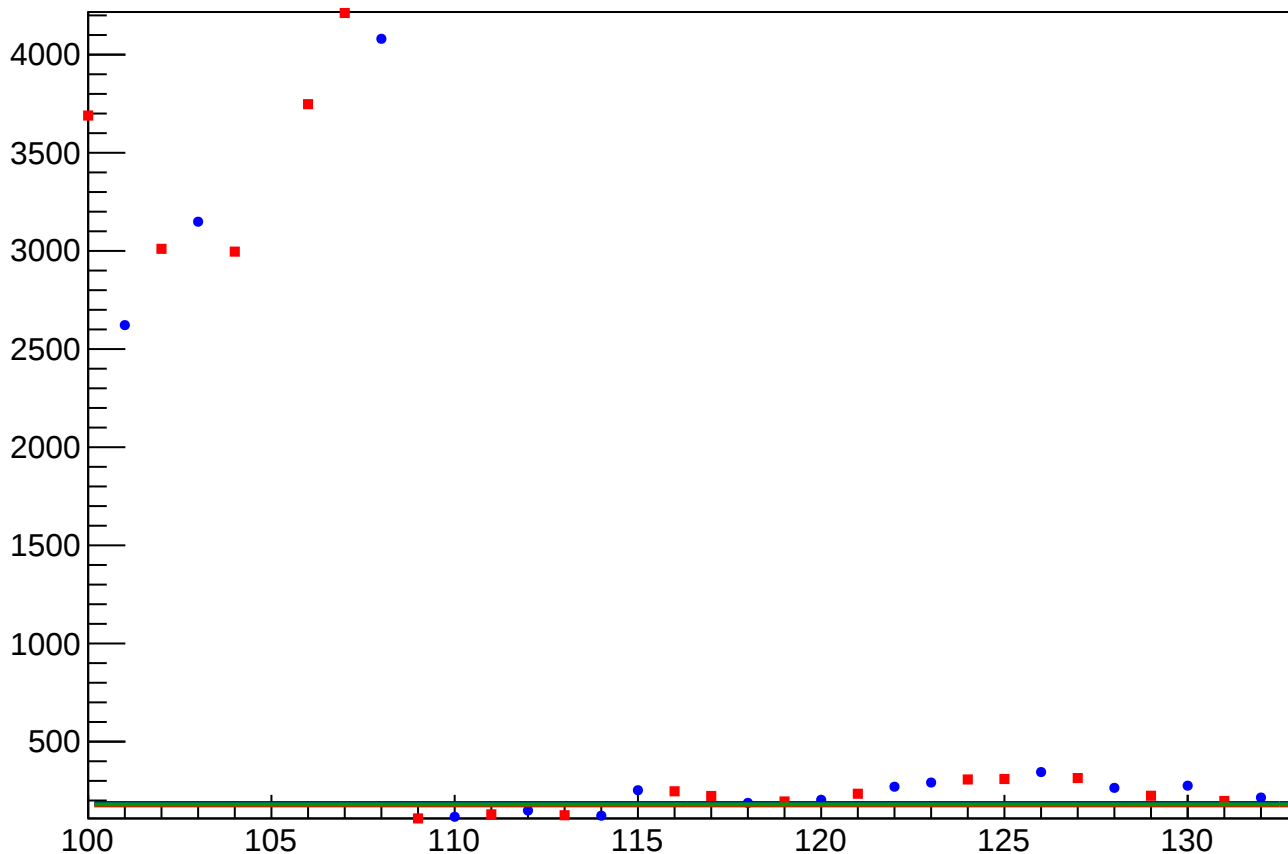
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

125.895 $\pm$ 97.421 χ^2 /NDF: 10.8/14

76.636 $\pm$ 65.200 χ^2 /NDF: 21.5/32

36.672 $\pm$ 87.749 χ^2 /NDF: 10.2/17

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: 175.149 $\pm$ 0.062 χ^2 /NDF: 4204322.4/17

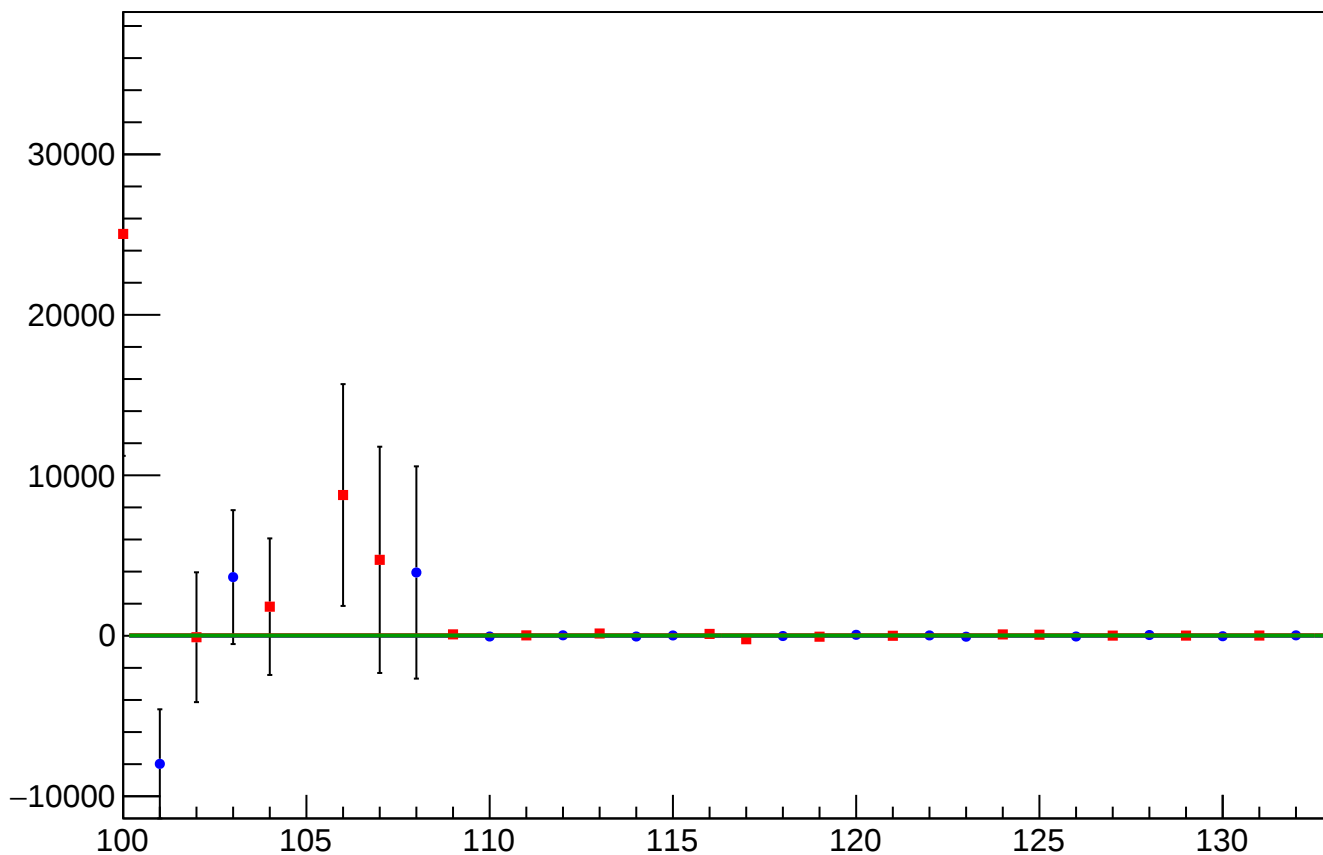
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

187.118 $\pm$ 0.069 χ^2 /NDF: 3516806.7/14

180.510 $\pm$ 0.046 χ^2 /NDF: 7737796.6/32

175.149 $\pm$ 0.062 χ^2 /NDF: 4204322.4/17

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: 31.709+/-14.584 χ^2 /NDF: 22.8/17

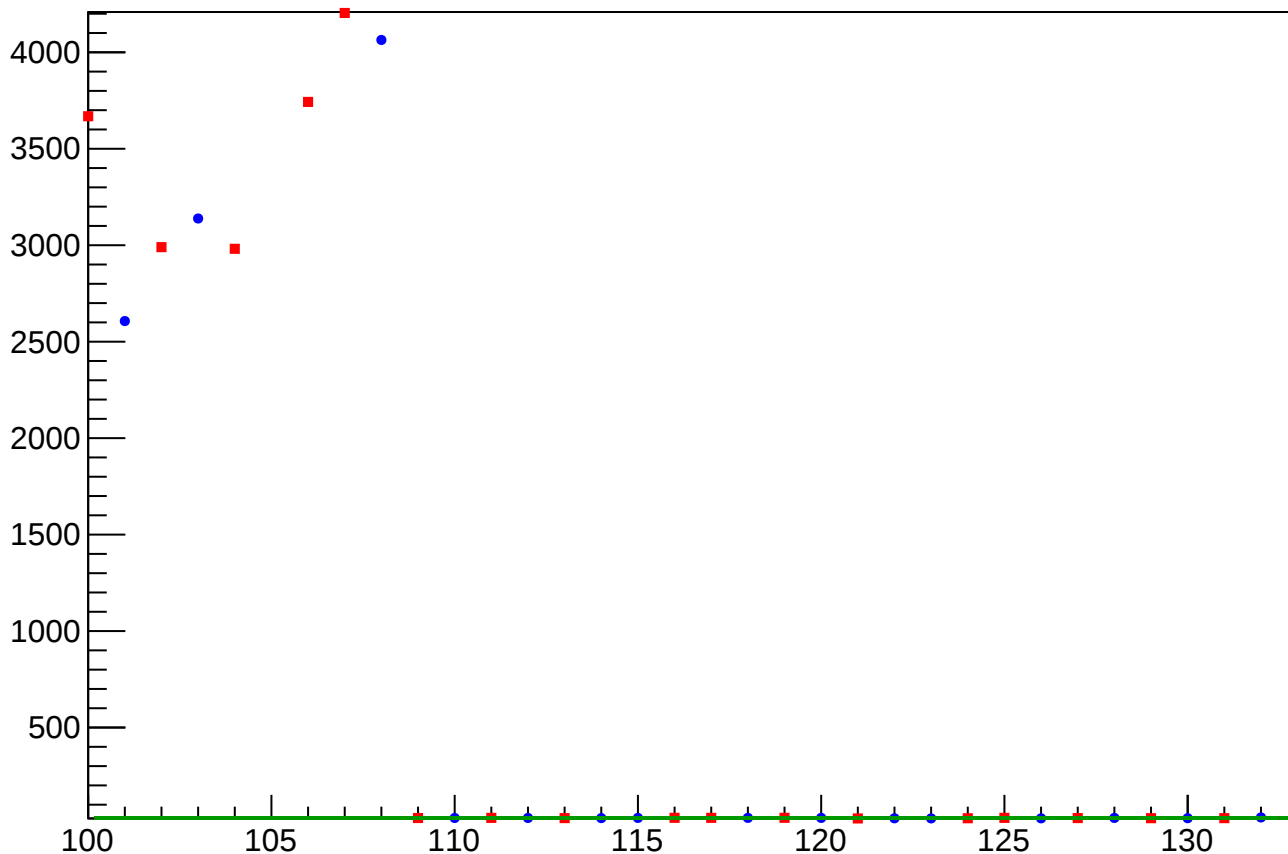
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.294+/-15.307 χ^2 /NDF: 12.3/14

17.712+/-10.559 χ^2 /NDF: 36.9/32

31.709+/-14.584 χ^2 /NDF: 22.8/17

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: 31.016+/-0.010 χ^2/NDF : 3458783.3/17

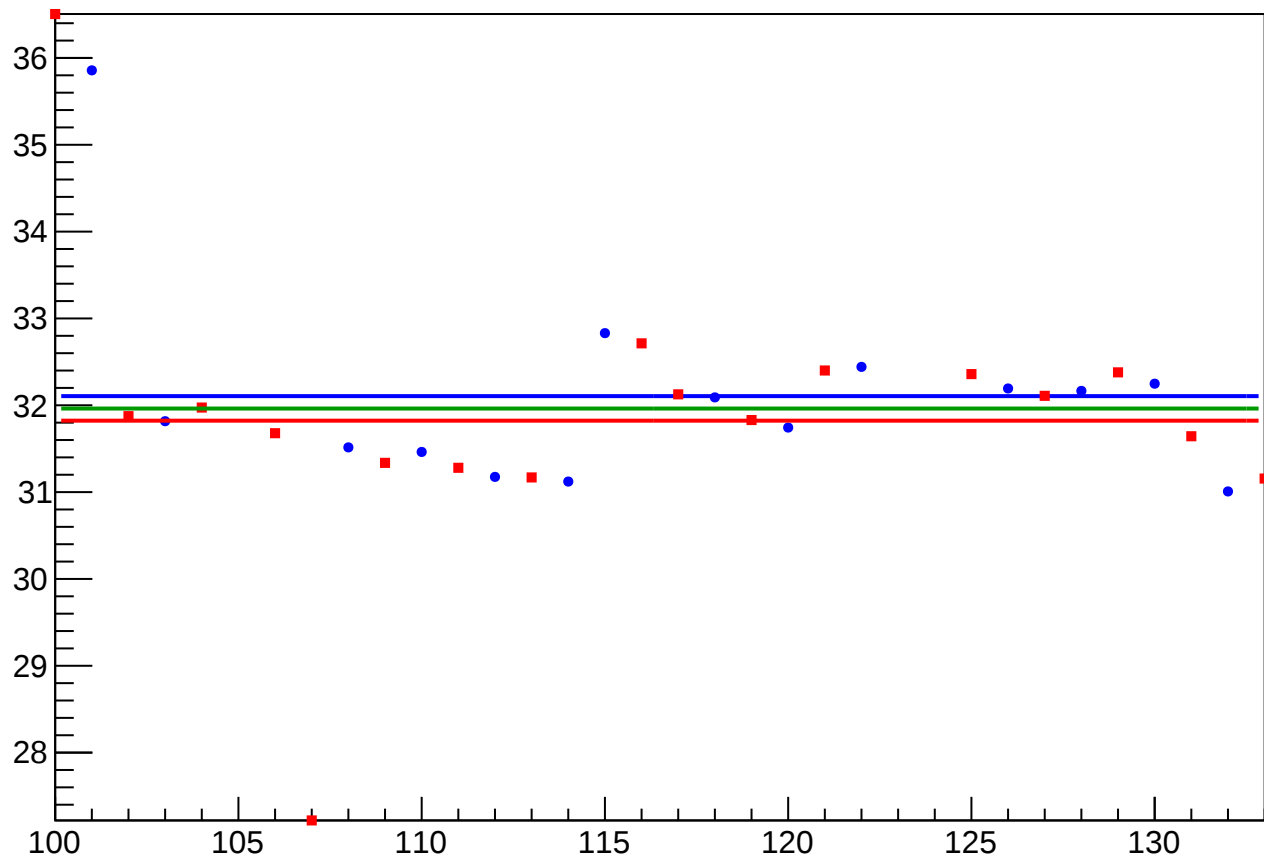
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.047+/-0.011 χ^2/NDF : 3013807.2/14

31.031+/-0.007 χ^2/NDF : 6472595.0/32

31.016+/-0.010 χ^2/NDF : 3458783.3/17

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: 31.823+/-0.000 χ^2/NDF : 663349330.1/16

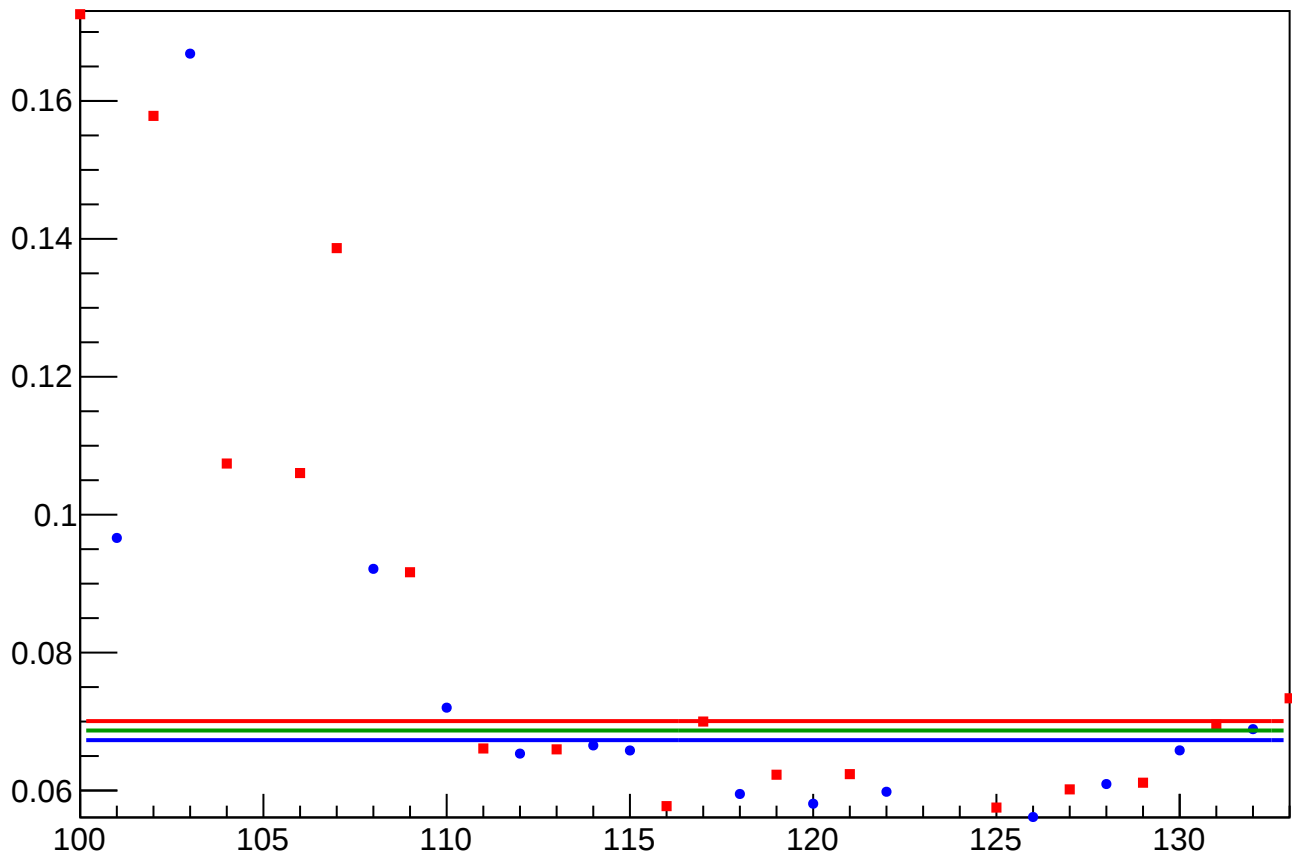
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.105+/-0.000 χ^2/NDF : 1088601433.3/13

31.962+/-0.000 χ^2/NDF : 1795043530.2/3

31.823+/-0.000 χ^2/NDF : 663349330.1/16

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 : 838954.1/16

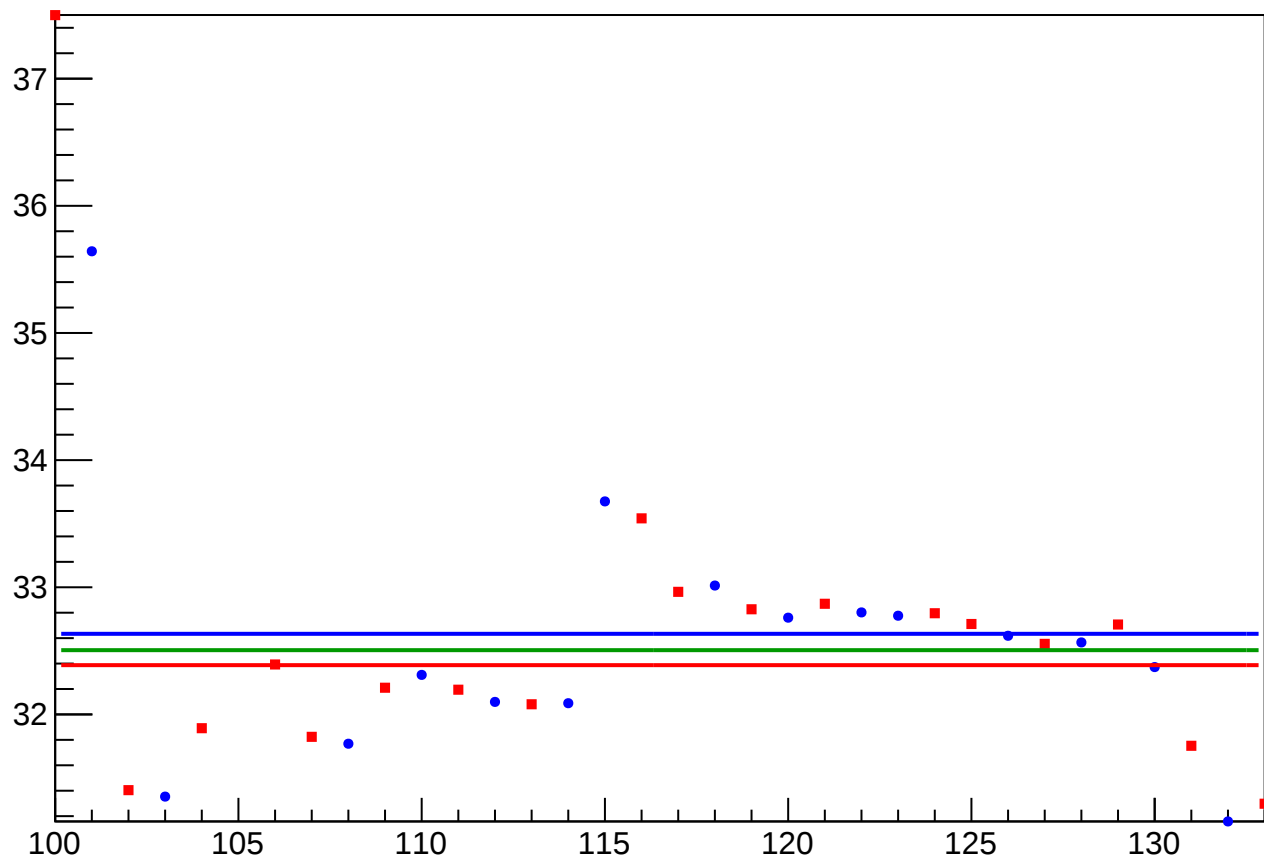
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.067+/-0.000 χ^2/NDF : 617436.5/13

0.069+/-0.000 χ^2/NDF : 1464623.5/30

0.070+/-0.000 χ^2/NDF : 838954.1/16

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: 32.388+/-0.000 χ^2/NDF : 233422744.9/17

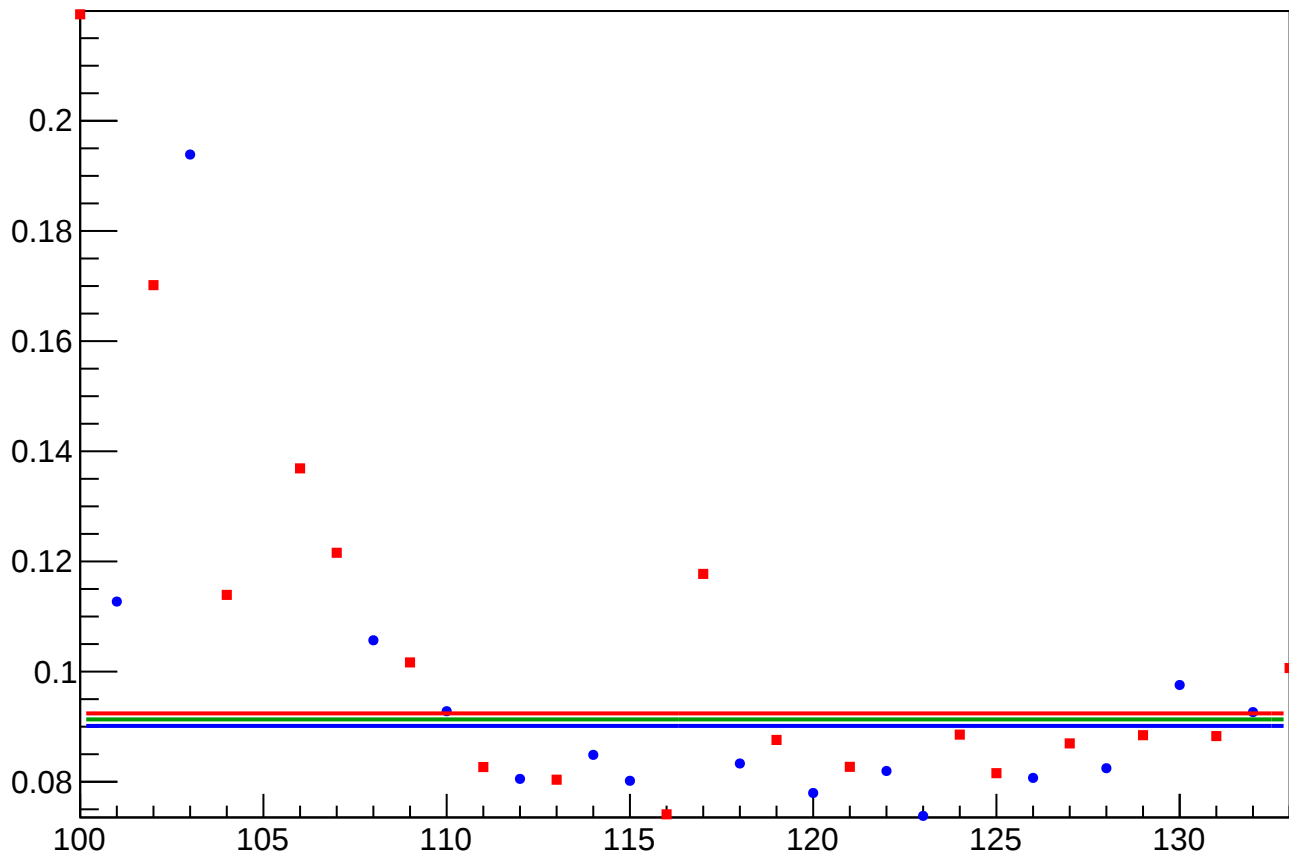
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.634+/-0.000 χ^2/NDF : 568064373.4/14

32.505+/-0.000 χ^2/NDF : 820564861.6/32

32.388+/-0.000 χ^2/NDF : 233422744.9/17

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 439747.2/14

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

Right Out: 0.092+/-0.000 χ^2/NDF : 471736.2/17

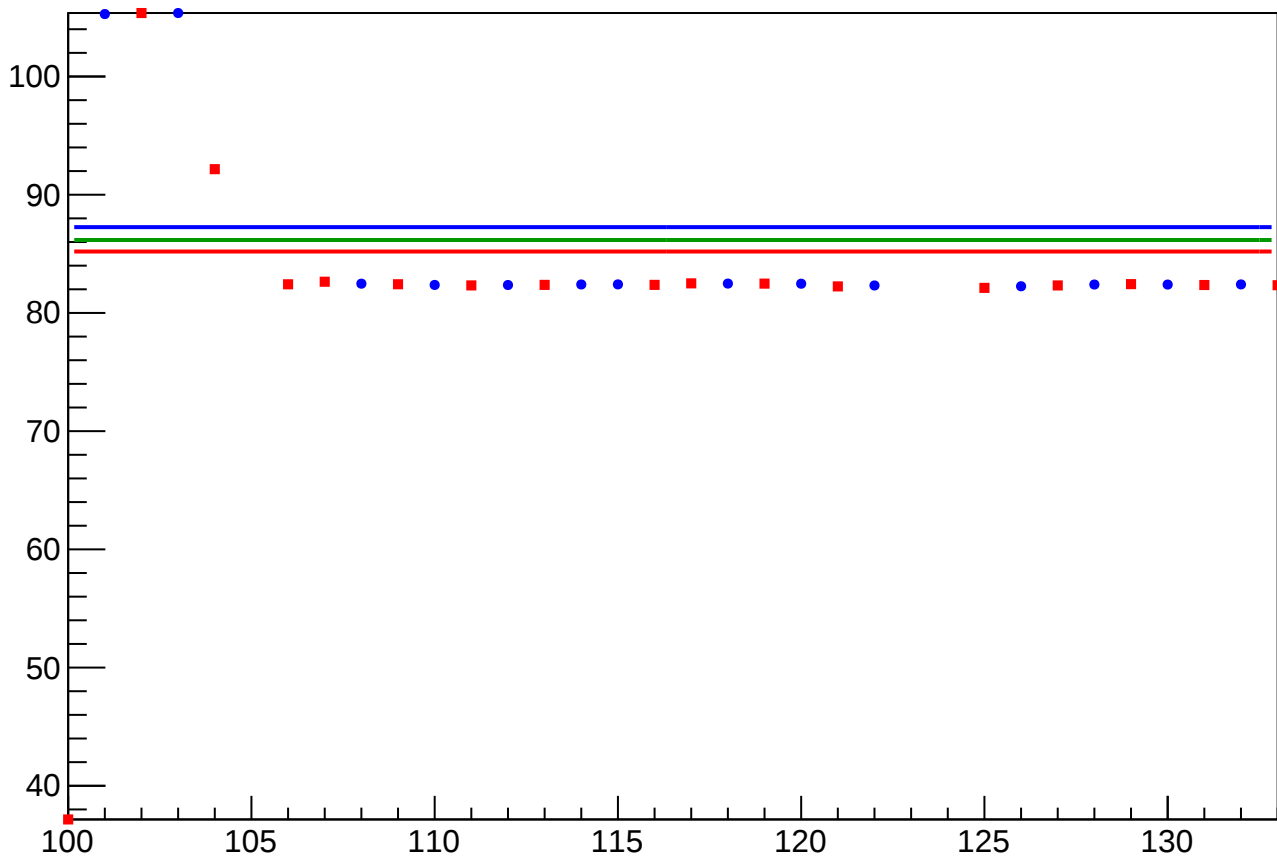
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.090+/-0.000 χ^2/NDF : 439747.2/14

0.091+/-0.000 χ^2/NDF : 914730.6/32

0.092+/-0.000 χ^2/NDF : 471736.2/17

yield_dsl_mean vs Slug, Sign Corrected



Right In: 87.259 $\pm$ 0.000 χ^2/NDF : 278546951763.2/13

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

Right Out: 85.196 $\pm$ 0.000 χ^2/NDF : 169265000971.9/16

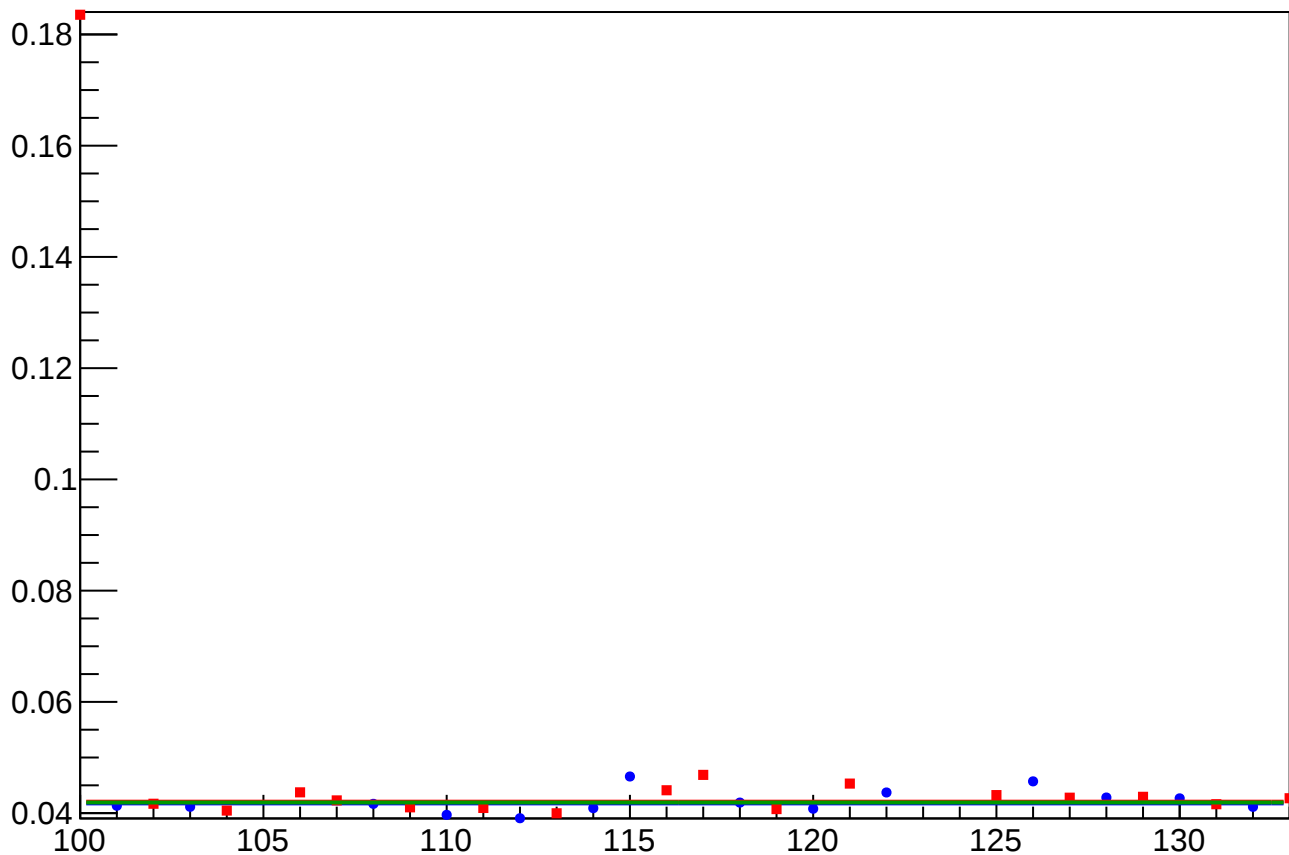
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

87.259 $\pm$ 0.000 χ^2/NDF : 278546951763.2/13

86.170 $\pm$ 0.000 χ^2/NDF : 454932943856.0

85.196 $\pm$ 0.000 χ^2/NDF : 169265000971.9/16

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 : 97411.3/16

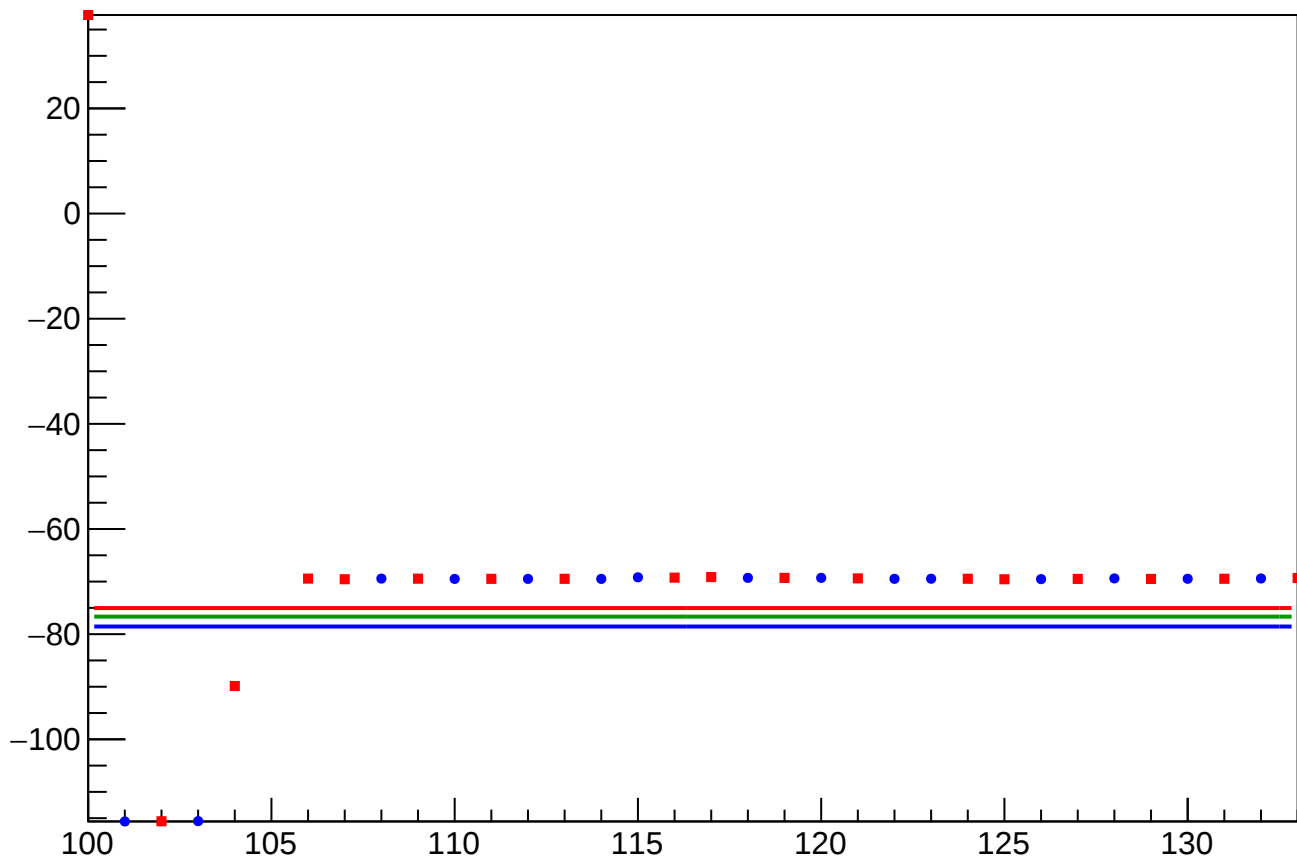
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.042+/-0.000 χ^2/NDF : 18672.3/13

0.042+/-0.000 χ^2/NDF : 116389.9/30

0.042+/-0.000 χ^2/NDF : 97411.3/16

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: -75.037+/-0.000 χ^2/NDF : 366712240166.0/17

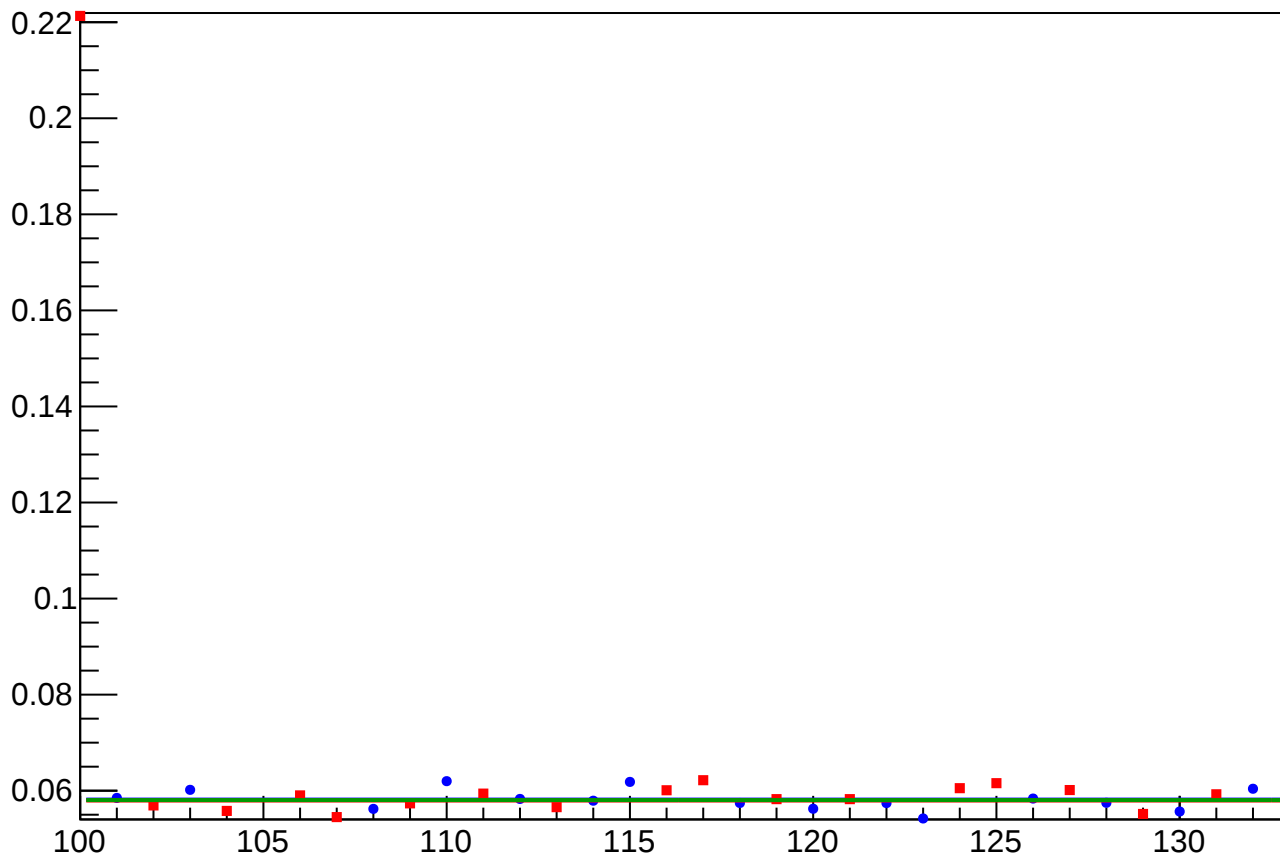
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-78.547+/-0.000 χ^2/NDF : 543622482356.8/14

-76.662+/-0.000 χ^2/NDF : 920978281847.0

-75.037+/-0.000 χ^2/NDF : 366712240166.0/17

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 : 86692.4/17

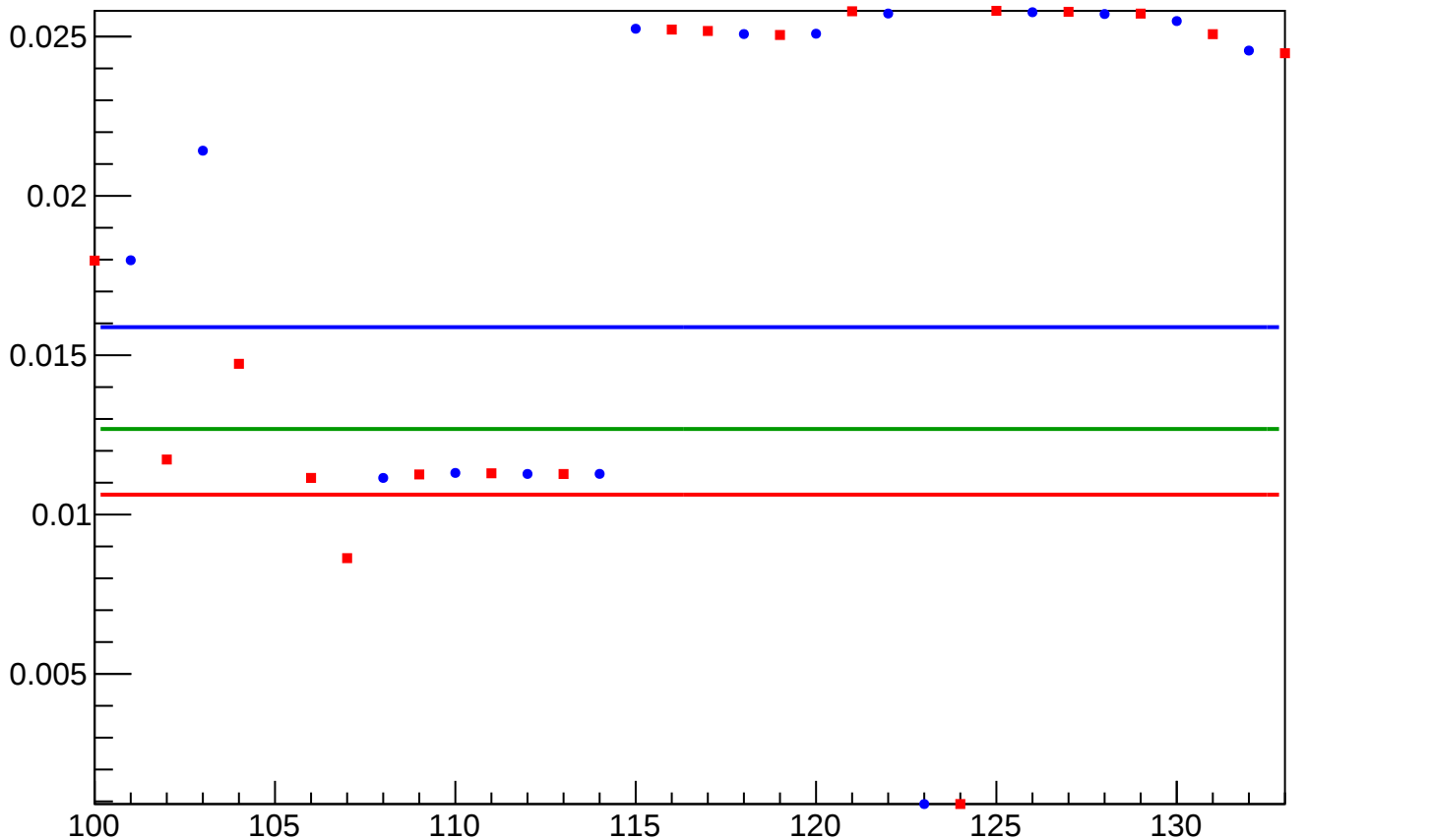
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 10124.6/14

0.058+/-0.000 χ^2/NDF : 96878.3/32

0.058+/-0.000 χ^2/NDF : 86692.4/17

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

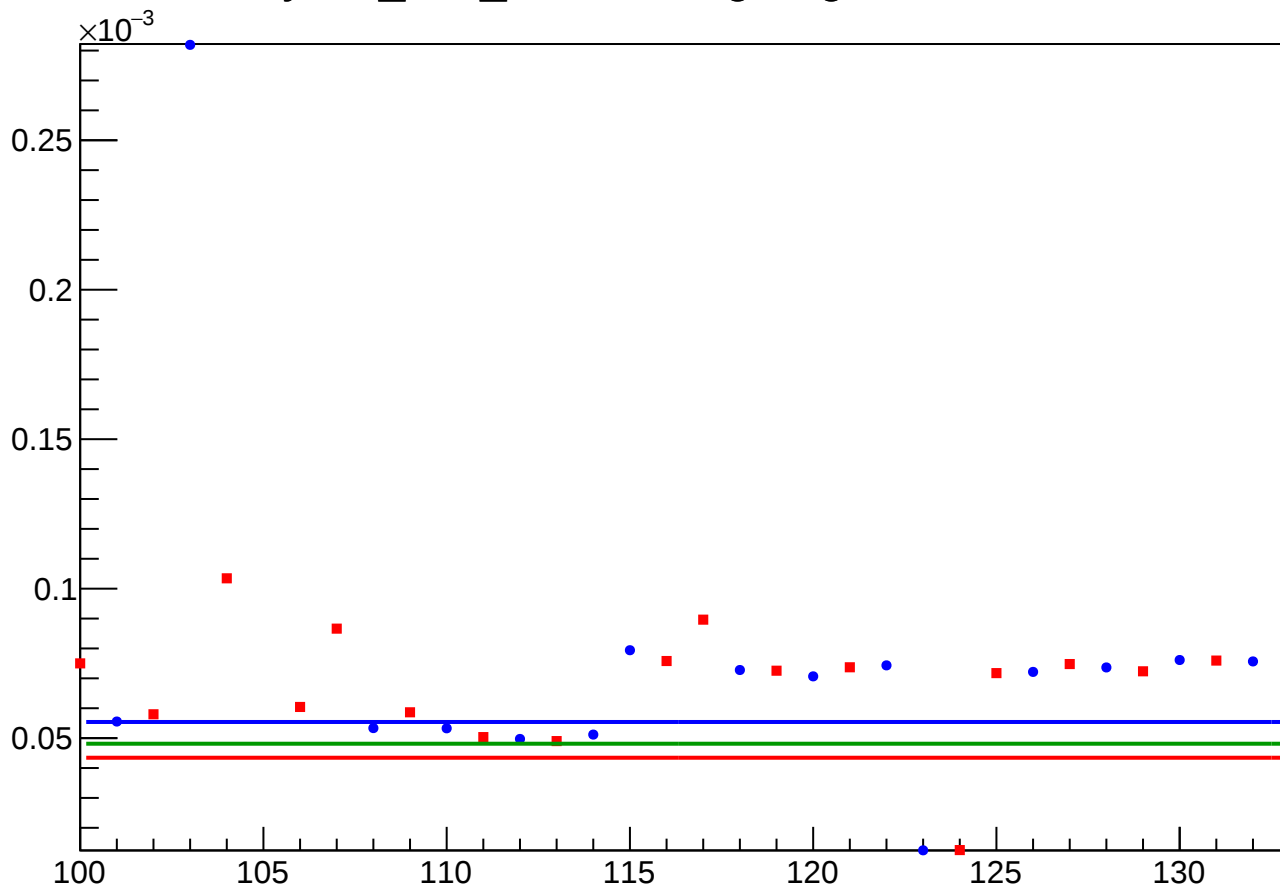
0.013+/-0.000 χ^2/NDF : 352086112204.5/14

Right Out: 0.011+/-0.000 χ^2/NDF : 213572710547.1/17

0.011+/-0.000 χ^2/NDF : 213572710547.1/17

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

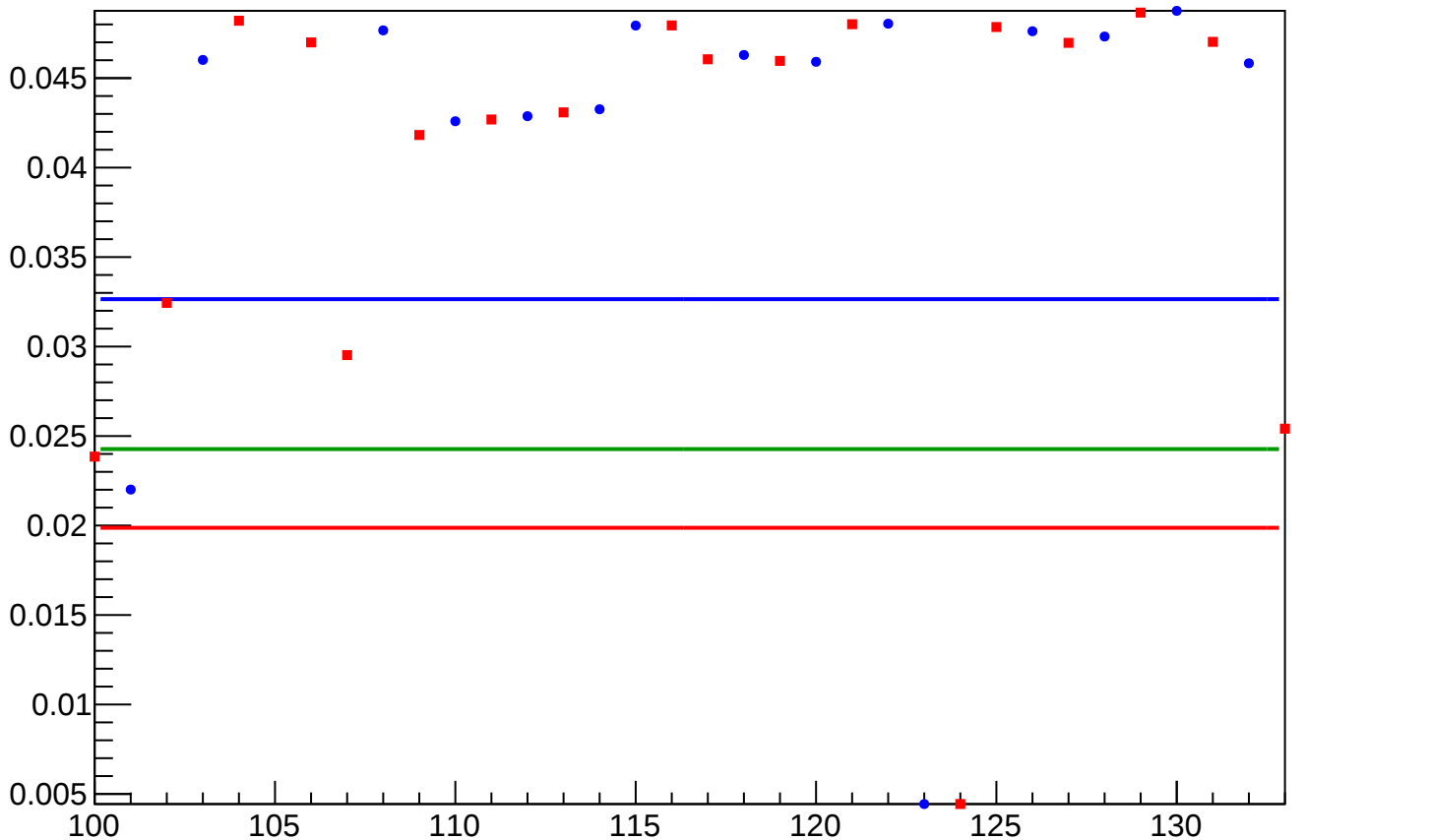
yield_atl1_rms vs Slug, Sign Corrected



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 : 3430391.2/17
 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 : 5614158.0/32
 0.000+/-0.000 χ^2/NDF : 3430391.2/17

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 : 40086281404.5/17

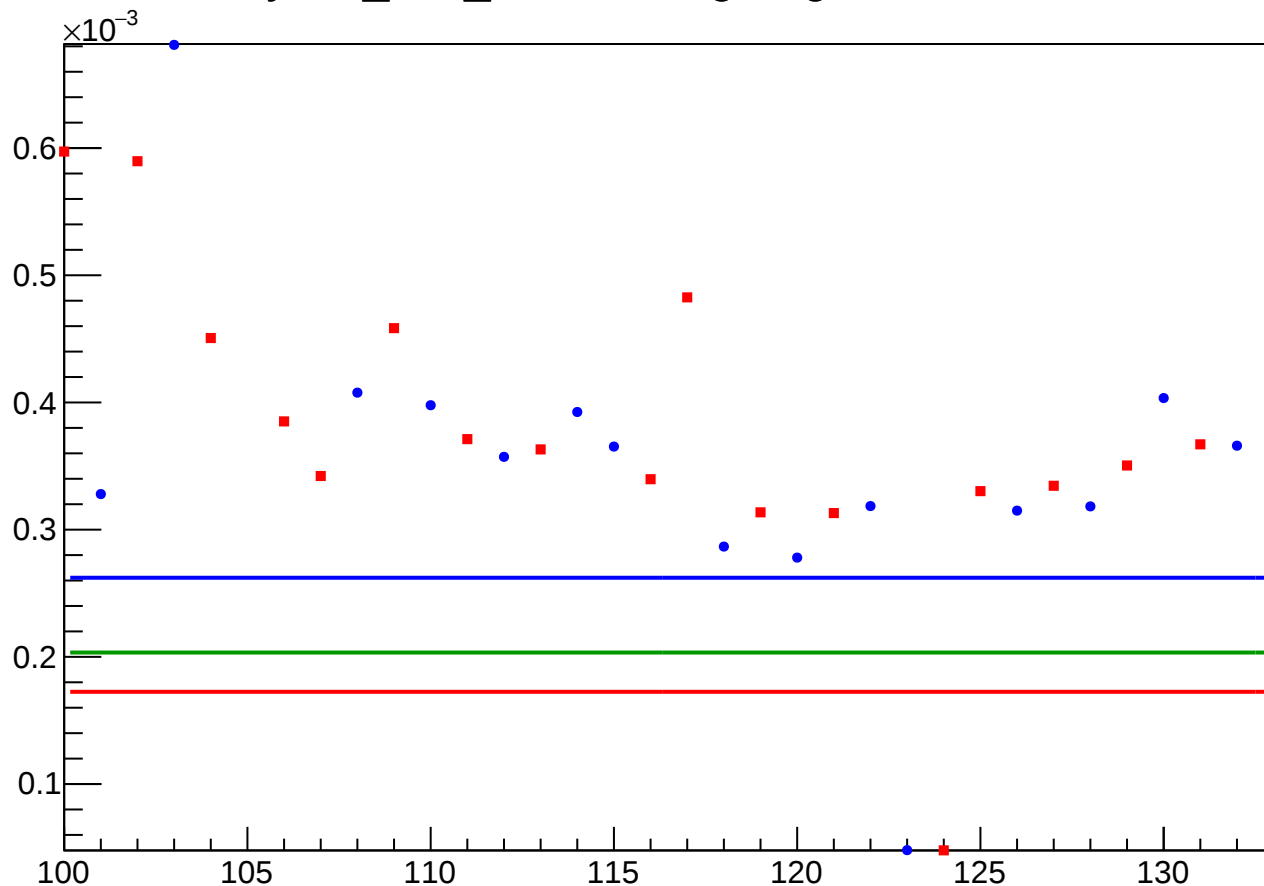
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 20108673802.5/14

0.024+/-0.000 χ^2/NDF : 66306989226.5/3

0.020+/-0.000 χ^2/NDF : 40086281404.5/17

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 : 5243943.2/17

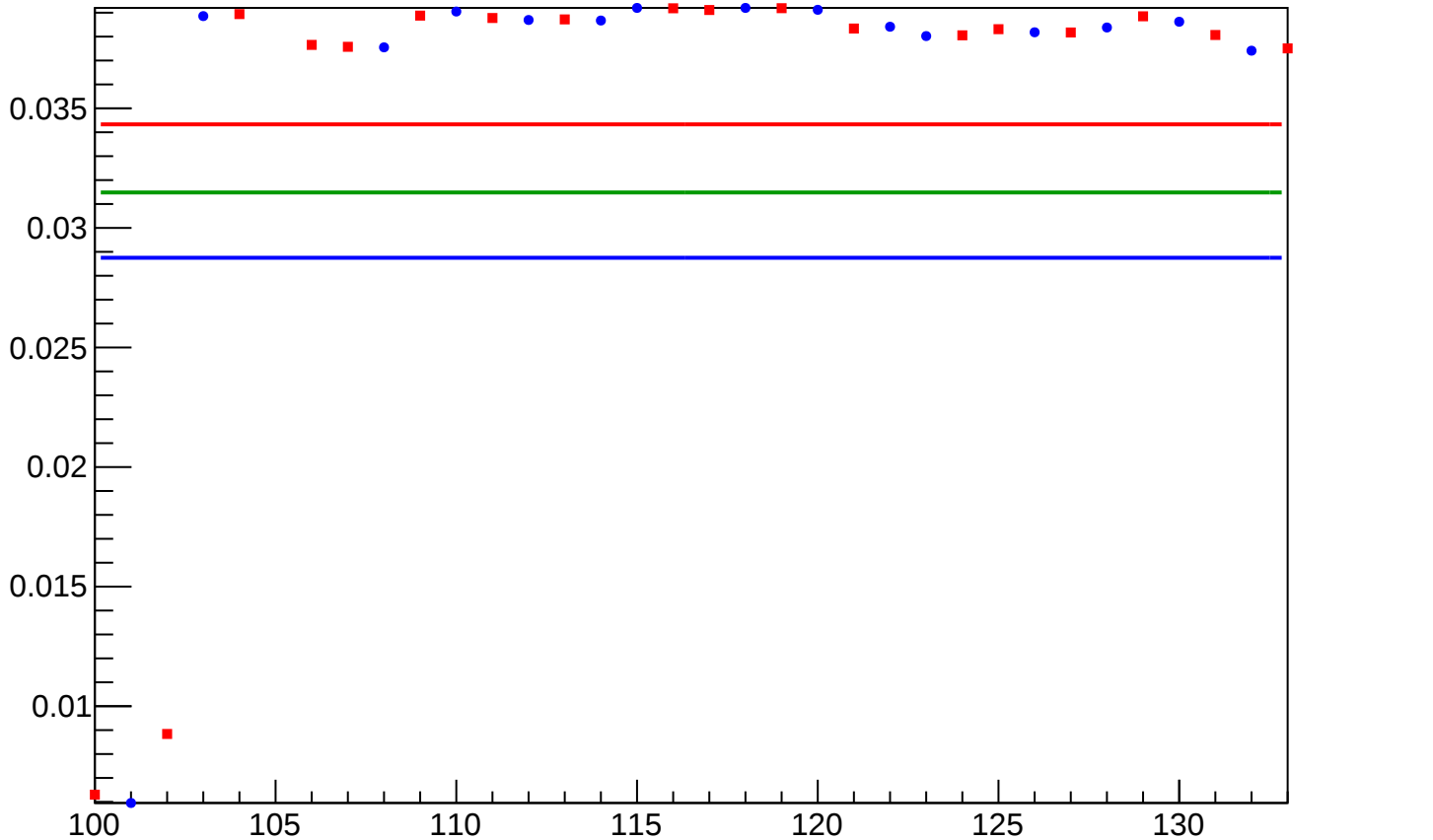
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2398148.3/14

0.000+/-0.000 χ^2/NDF : 8244339.5/32

0.000+/-0.000 χ^2/NDF : 5243943.2/17

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 : 43310958009.1/17

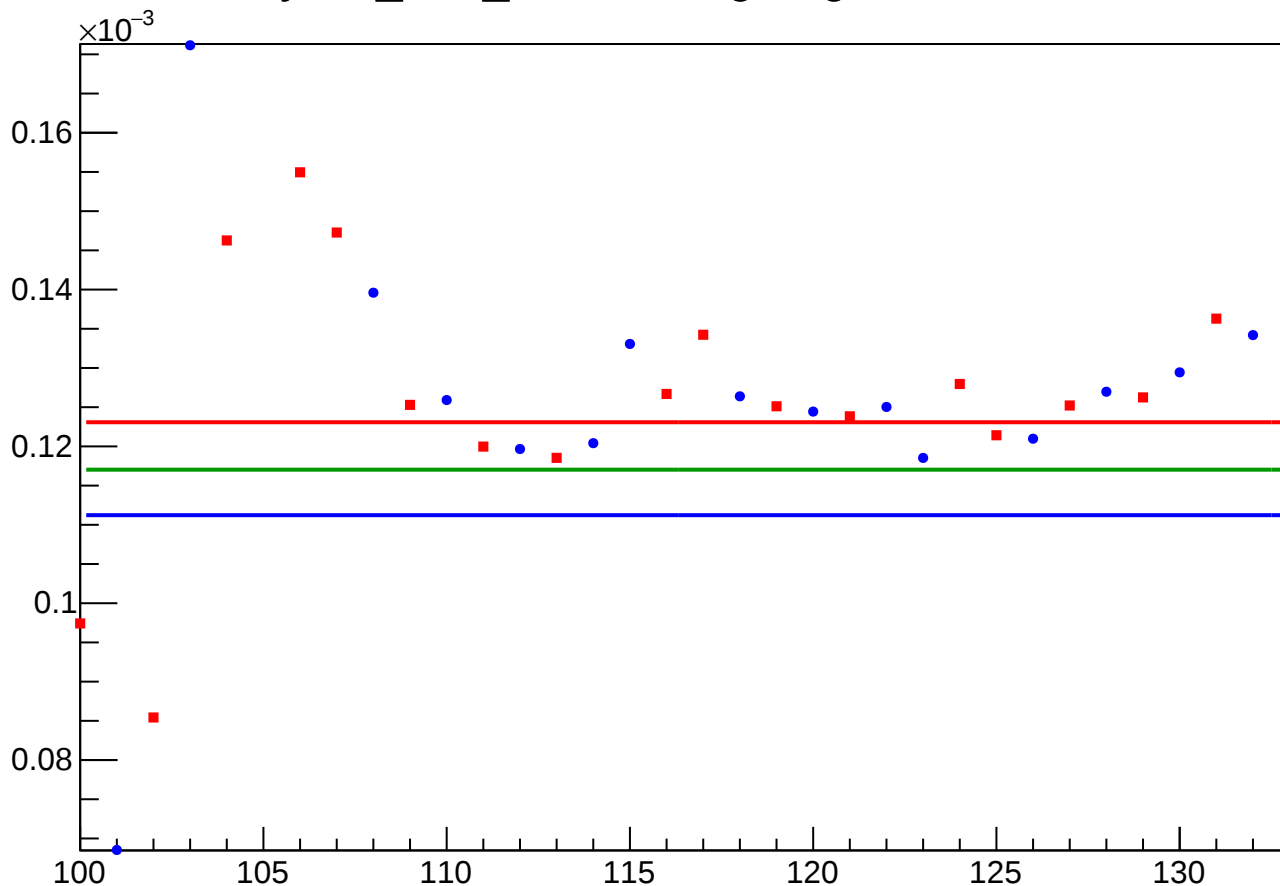
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 93107110103.9/14

0.031+/-0.000 χ^2/NDF : 142770531239.1/17

0.034+/-0.000 χ^2/NDF : 43310958009.1/17

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 739732.2/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 236069.7/17

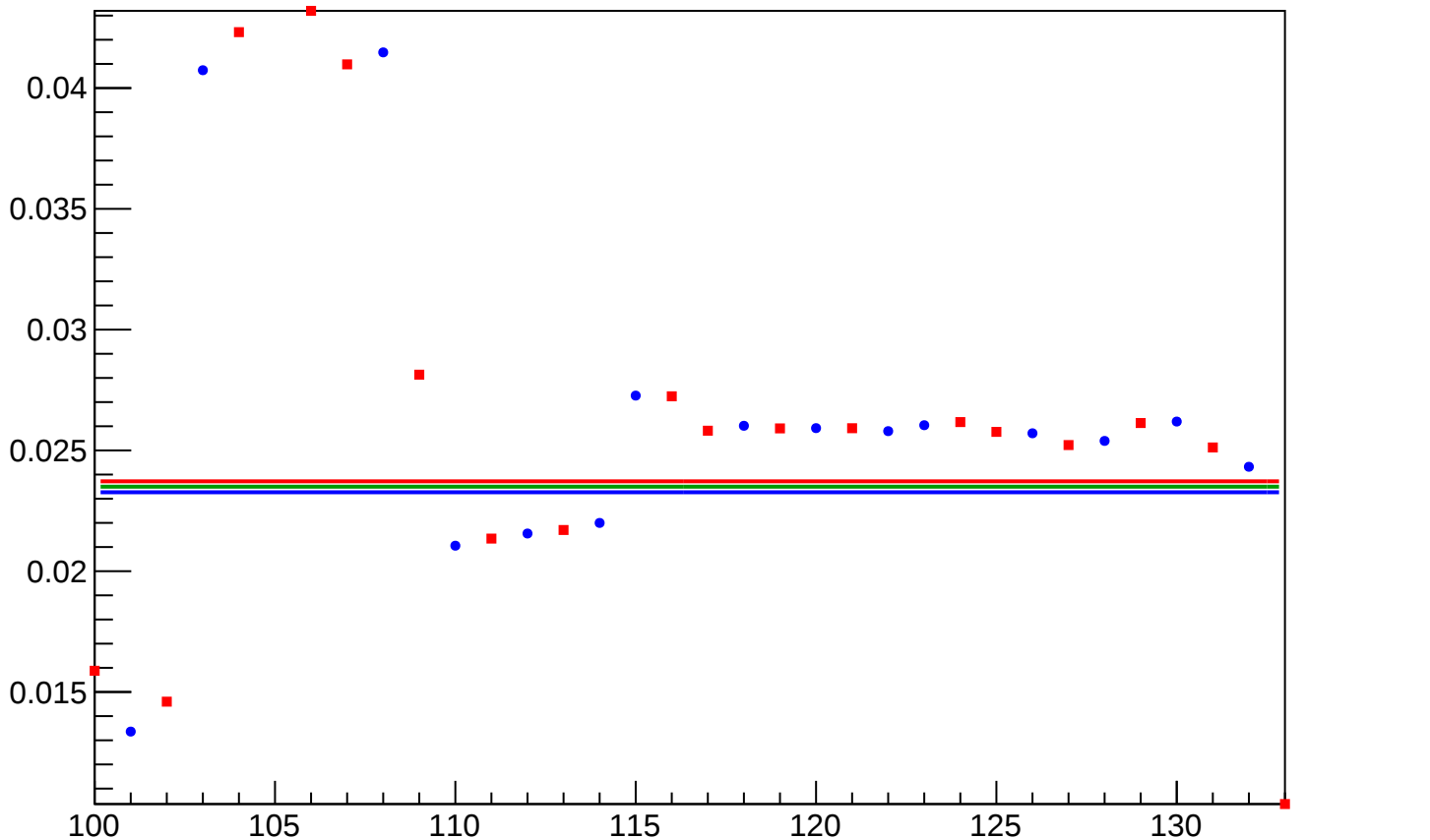
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 739732.2/14

0.000 $\pm$ 0.000 χ^2/NDF : 1033143.5/32

0.000 $\pm$ 0.000 χ^2/NDF : 236069.7/17

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: 0.024+/-0.000 χ^2/NDF : 5652375864.5/17

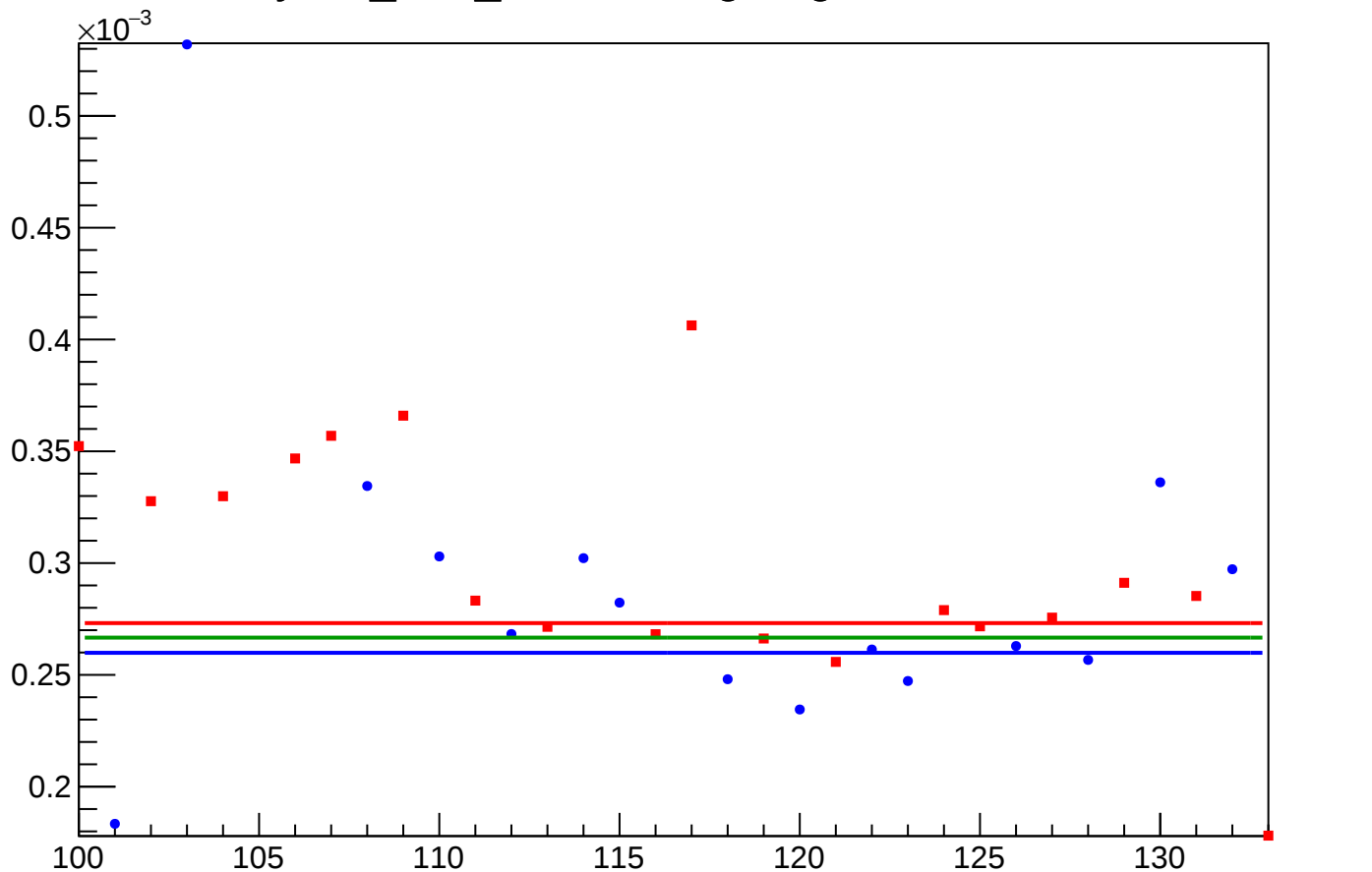
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.023+/-0.000 χ^2/NDF : 3412529810.4/14

0.023+/-0.000 χ^2/NDF : 9072412083.8/32

0.024+/-0.000 χ^2/NDF : 5652375864.5/17

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 579816.8/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 416802.5/17

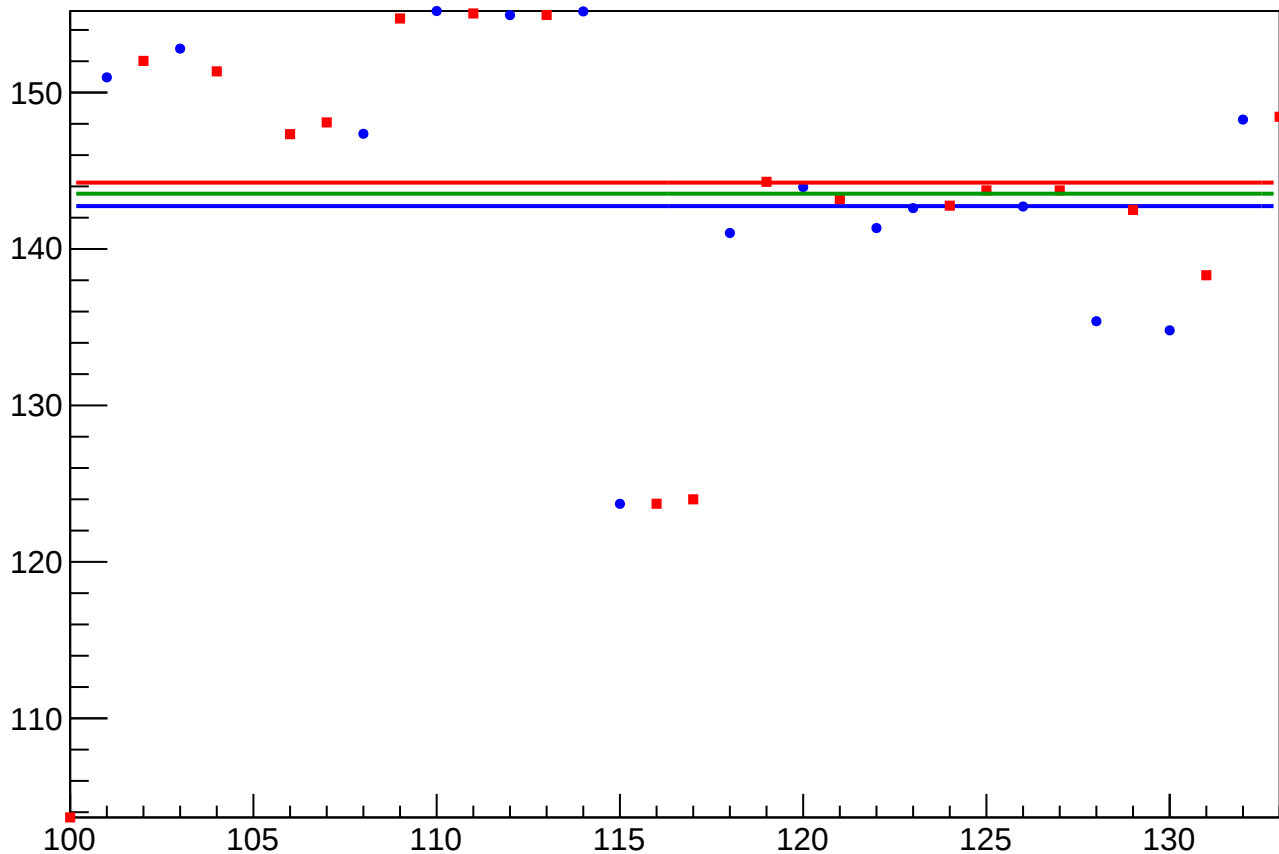
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 579816.8/14

0.000 $\pm$ 0.000 χ^2 /NDF: 1009551.6/32

0.000 $\pm$ 0.000 χ^2 /NDF: 416802.5/17

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 142.740 $\pm$ 0.000 χ^2 /NDF: 3229126826.1/14

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

Right Out: 144.243 $\pm$ 0.000 χ^2 /NDF: 4470849594.7/17

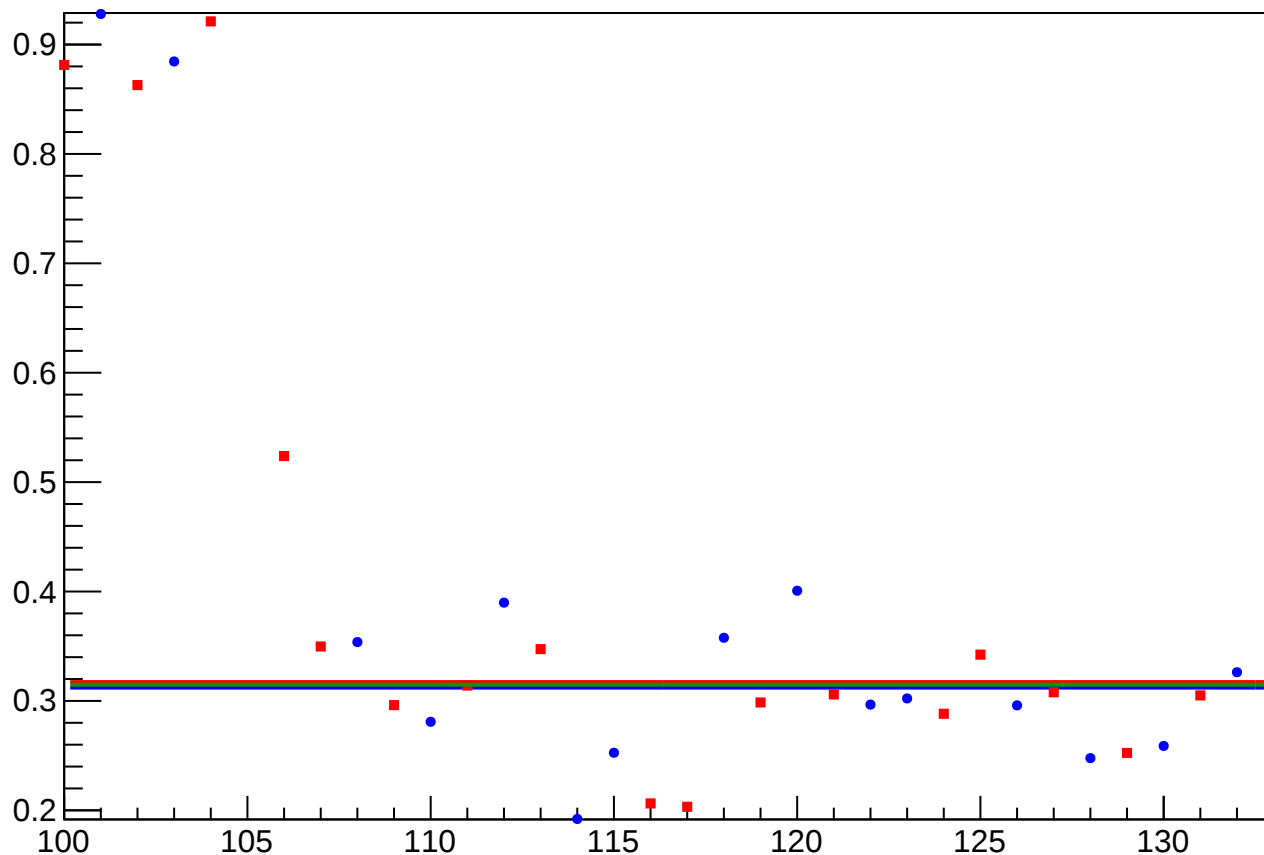
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

142.740 $\pm$ 0.000 χ^2 /NDF: 3229126826.1/14

143.535 $\pm$ 0.000 χ^2 /NDF: 7755745066.5/17

144.243 $\pm$ 0.000 χ^2 /NDF: 4470849594.7/17

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.000 χ^2 /NDF: 1253298.4/14

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

Right Out: 0.317 $\pm$ 0.000 χ^2 /NDF: 1227945.6/17

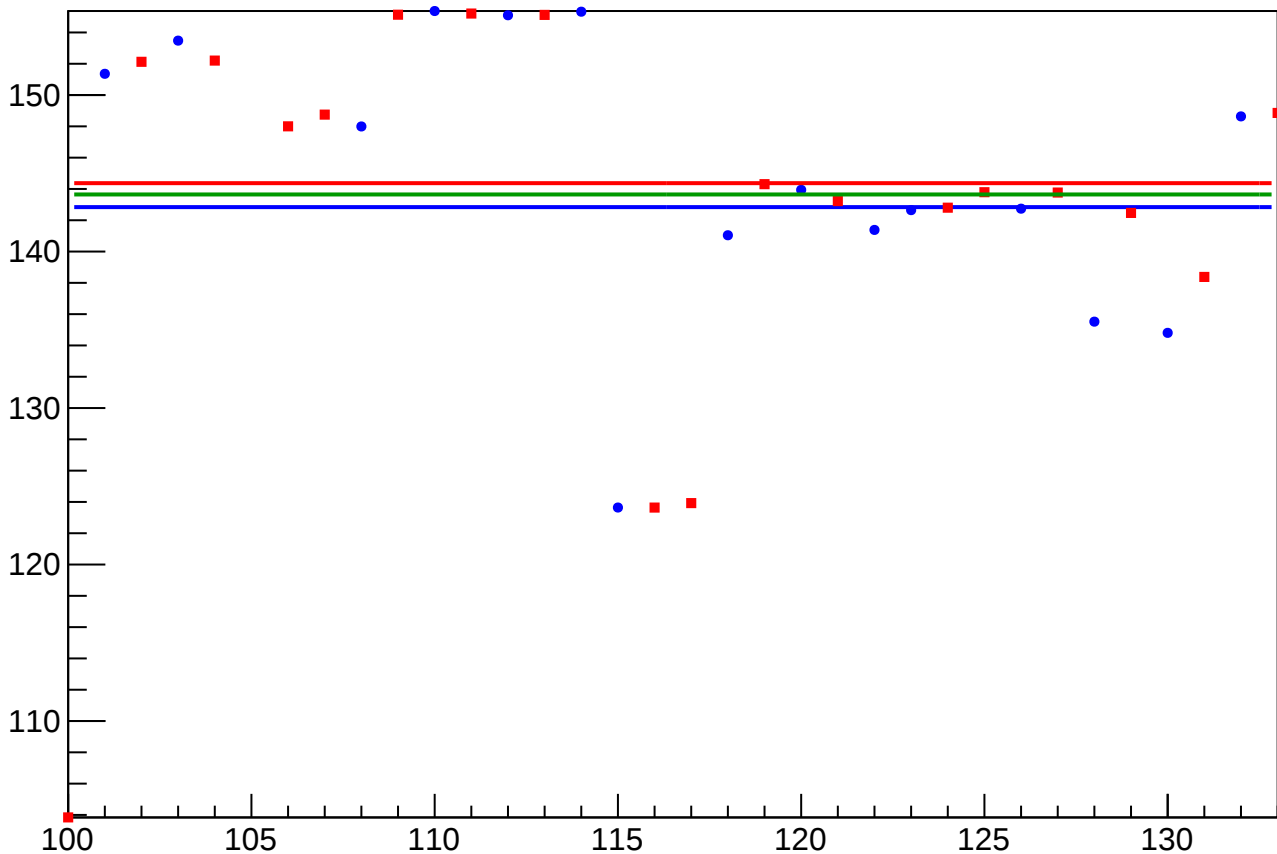
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.312 $\pm$ 0.000 χ^2 /NDF: 1253298.4/14

0.315 $\pm$ 0.000 χ^2 /NDF: 2482495.0/32

0.317 $\pm$ 0.000 χ^2 /NDF: 1227945.6/17

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: 144.370+/-0.000 χ^2/NDF : 4499311213.6/17

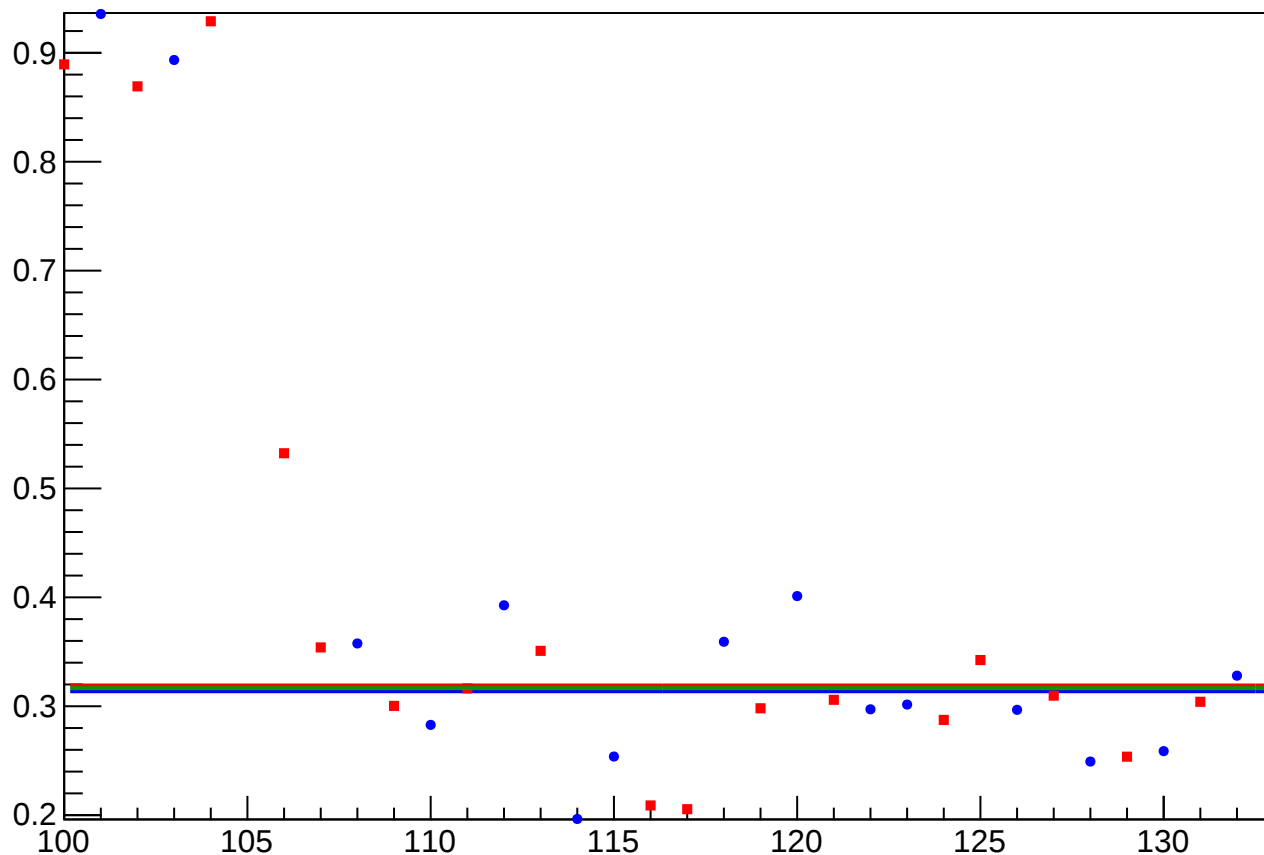
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.840+/-0.000 χ^2/NDF : 3253317495.9/14

143.648+/-0.000 χ^2/NDF : 7809841336.5/17

144.370+/-0.000 χ^2/NDF : 4499311213.6/17

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: 0.319+/-0.000 χ^2/NDF : 1230342.7/17

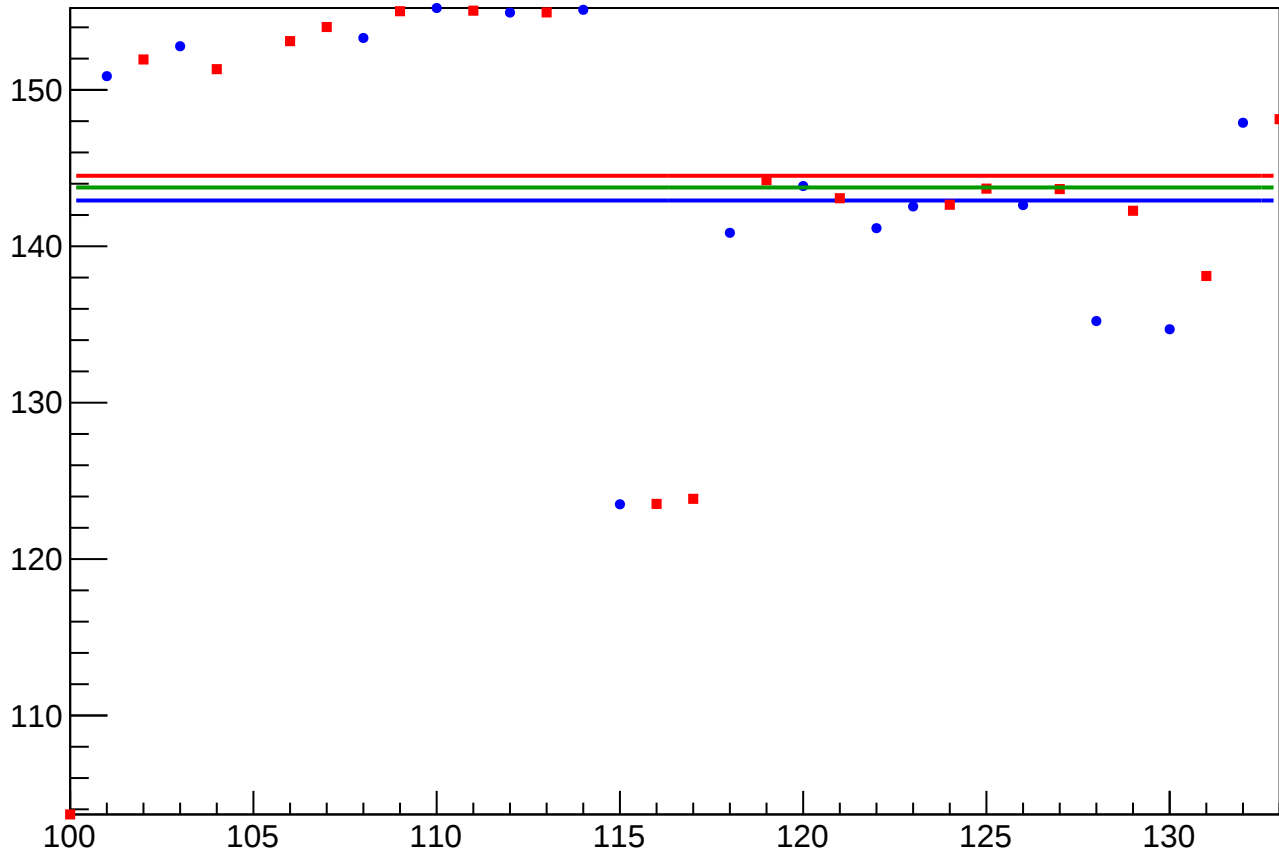
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1254782.8/14

0.317+/-0.000 χ^2/NDF : 2486488.3/32

0.319+/-0.000 χ^2/NDF : 1230342.7/17

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.927 $\pm$ 0.000 χ^2 /NDF: 3482220541.5/14

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

Right Out: 144.509 $\pm$ 0.000 χ^2 /NDF: 4763718724.9/17

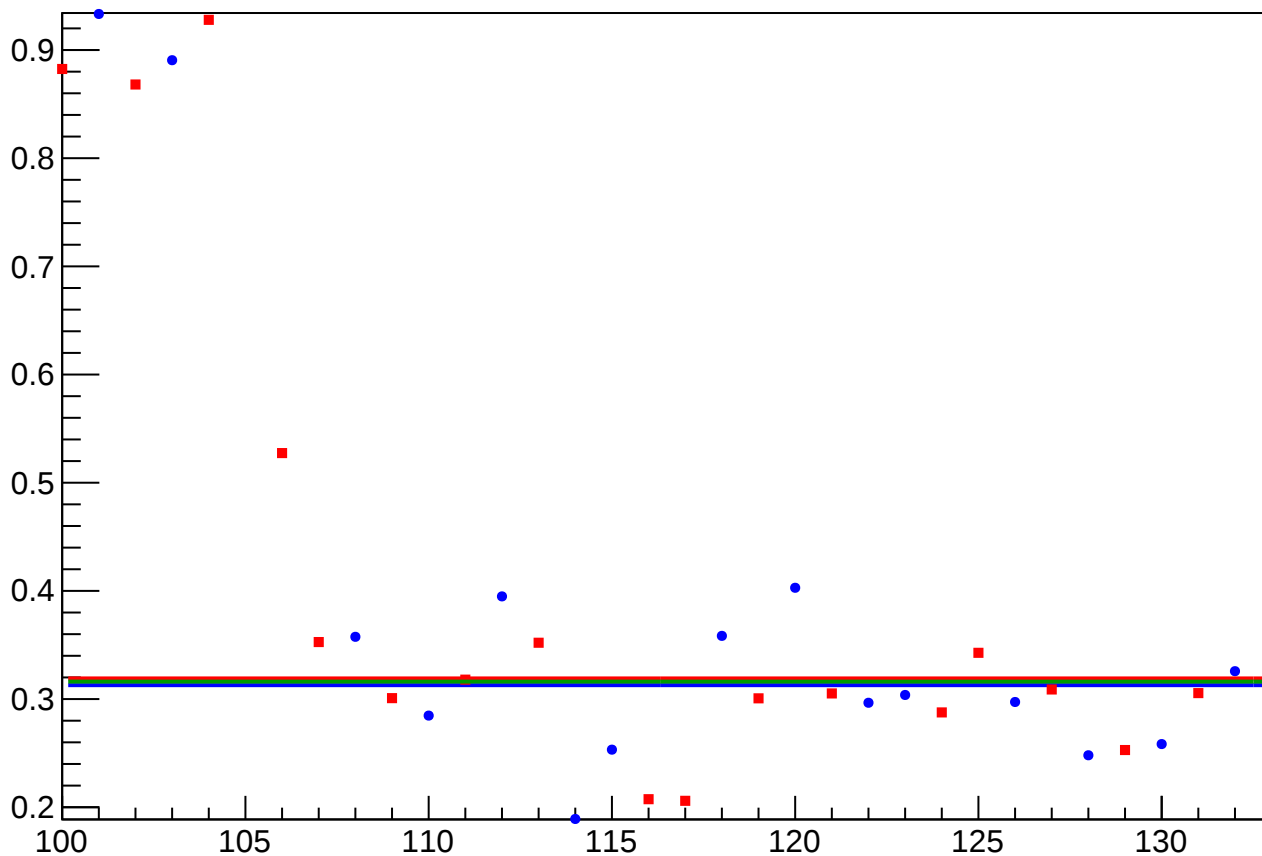
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.927 $\pm$ 0.000 χ^2 /NDF: 3482220541.5/14

143.761 $\pm$ 0.000 χ^2 /NDF: 8307159581.5/17

144.509 $\pm$ 0.000 χ^2 /NDF: 4763718724.9/17

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: 0.319+/-0.000 χ^2/NDF : 1231087.1/17

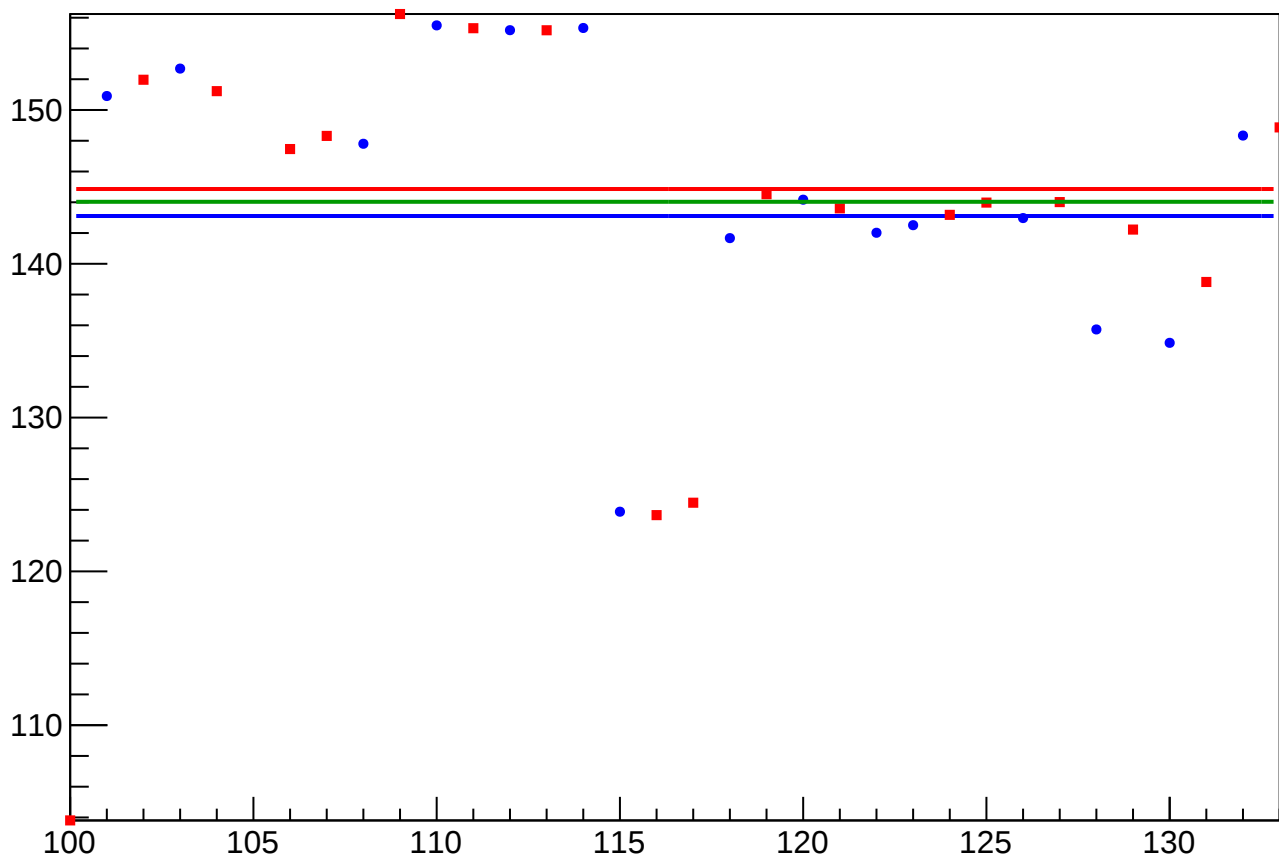
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1267954.1/14

0.316+/-0.000 χ^2/NDF : 2500939.2/32

0.319+/-0.000 χ^2/NDF : 1231087.1/17

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: 144.862+/-0.000 χ^2/NDF : 4043529016.8/17

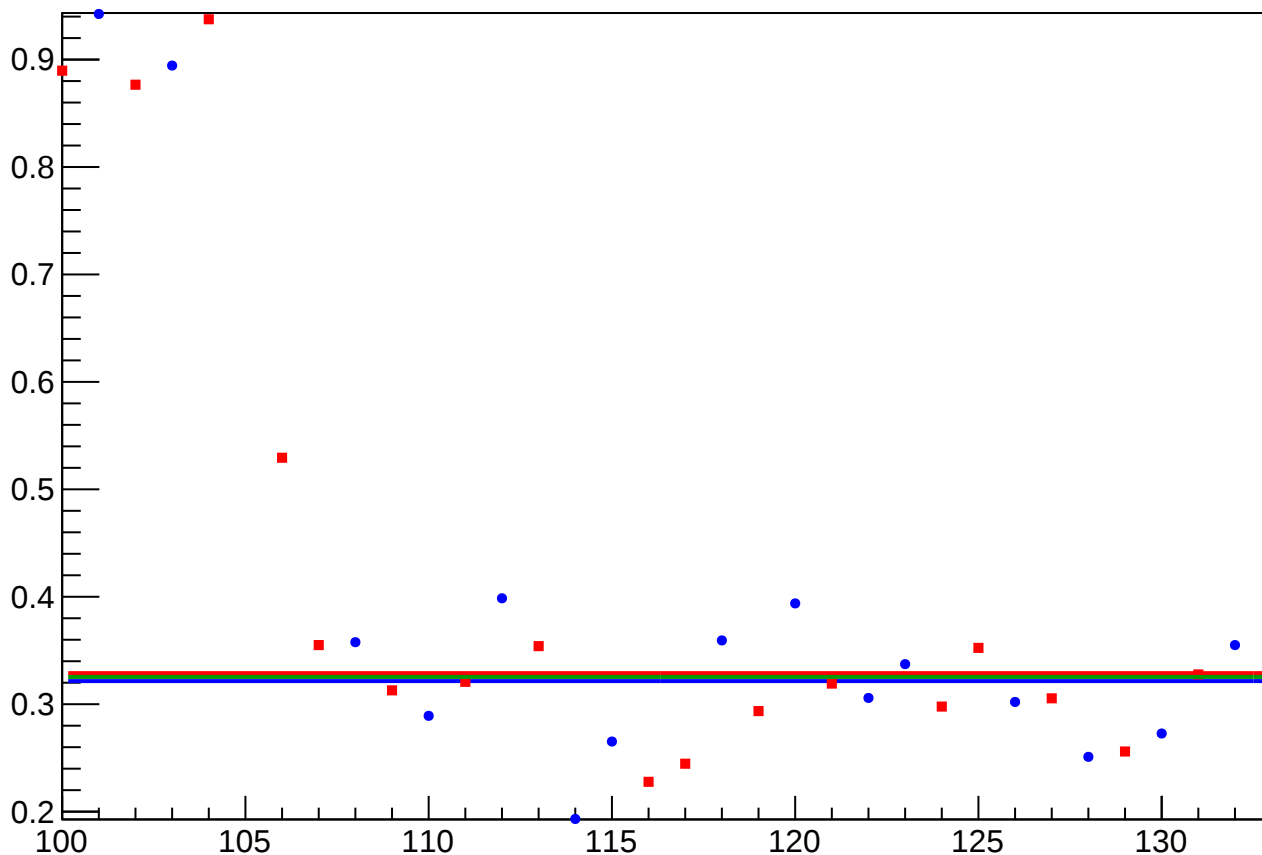
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.107+/-0.000 χ^2/NDF : 2990376647.2/14

144.031+/-0.000 χ^2/NDF : 7105202271.6/17

144.862+/-0.000 χ^2/NDF : 4043529016.8/17

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: 0.329+/-0.000 χ^2/NDF : 1179093.3/17

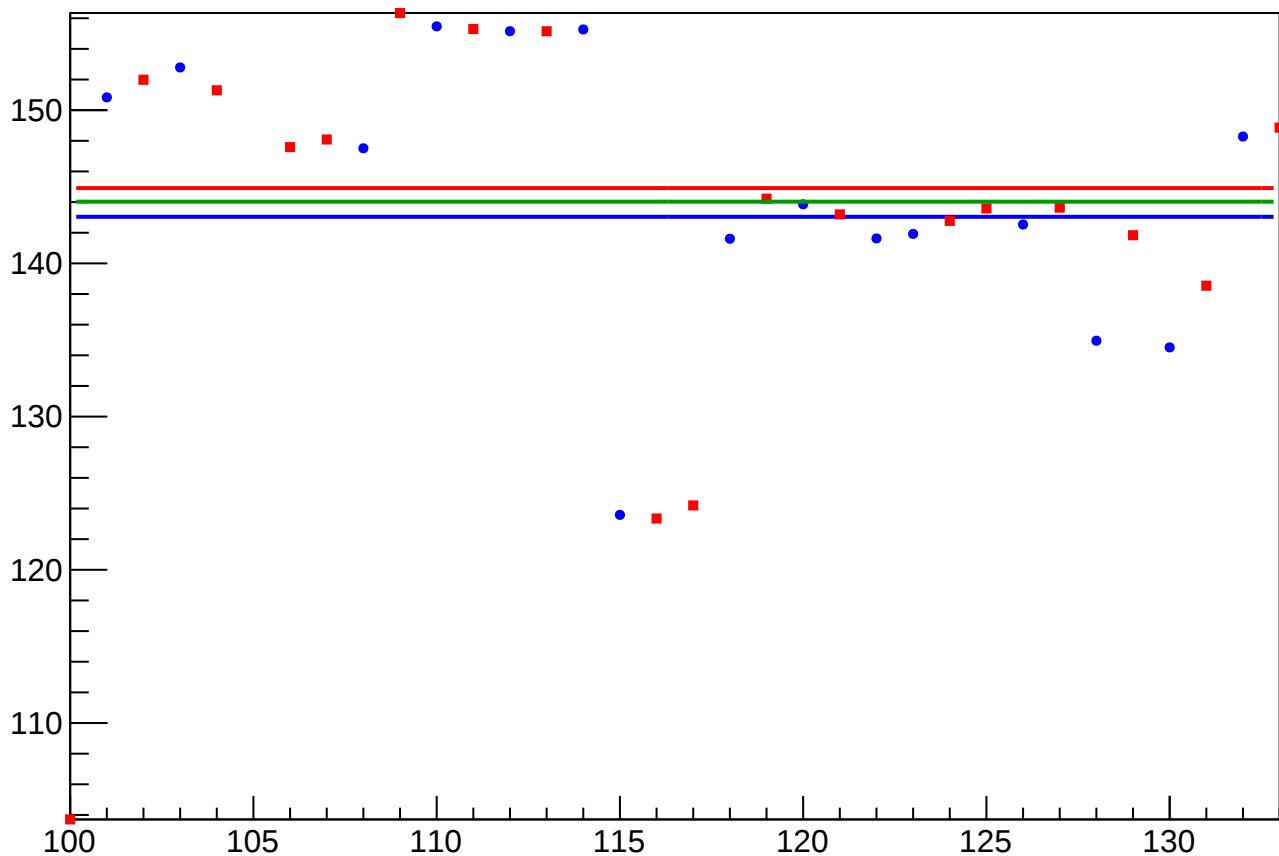
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.322+/-0.000 χ^2/NDF : 1231835.9/14

0.325+/-0.000 χ^2/NDF : 2413463.2/32

0.329+/-0.000 χ^2/NDF : 1179093.3/17

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: 144.915+/-0.000 χ^2/NDF : 4083427847.1/17

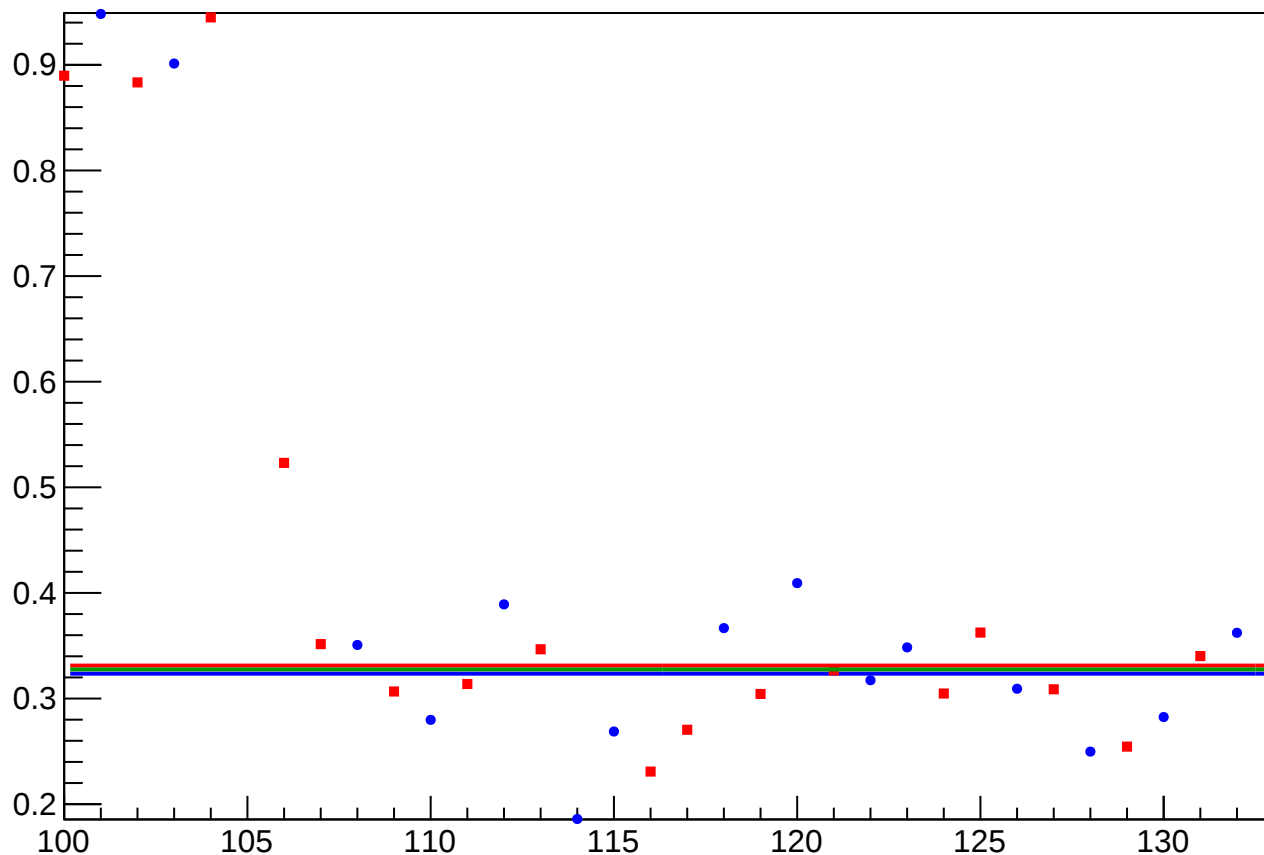
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.040+/-0.000 χ^2/NDF : 3140292219.3/14

144.027+/-0.000 χ^2/NDF : 7303837884.4/14

144.915+/-0.000 χ^2/NDF : 4083427847.1/17

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: 0.331+/-0.000 χ^2/NDF : 1165361.2/17

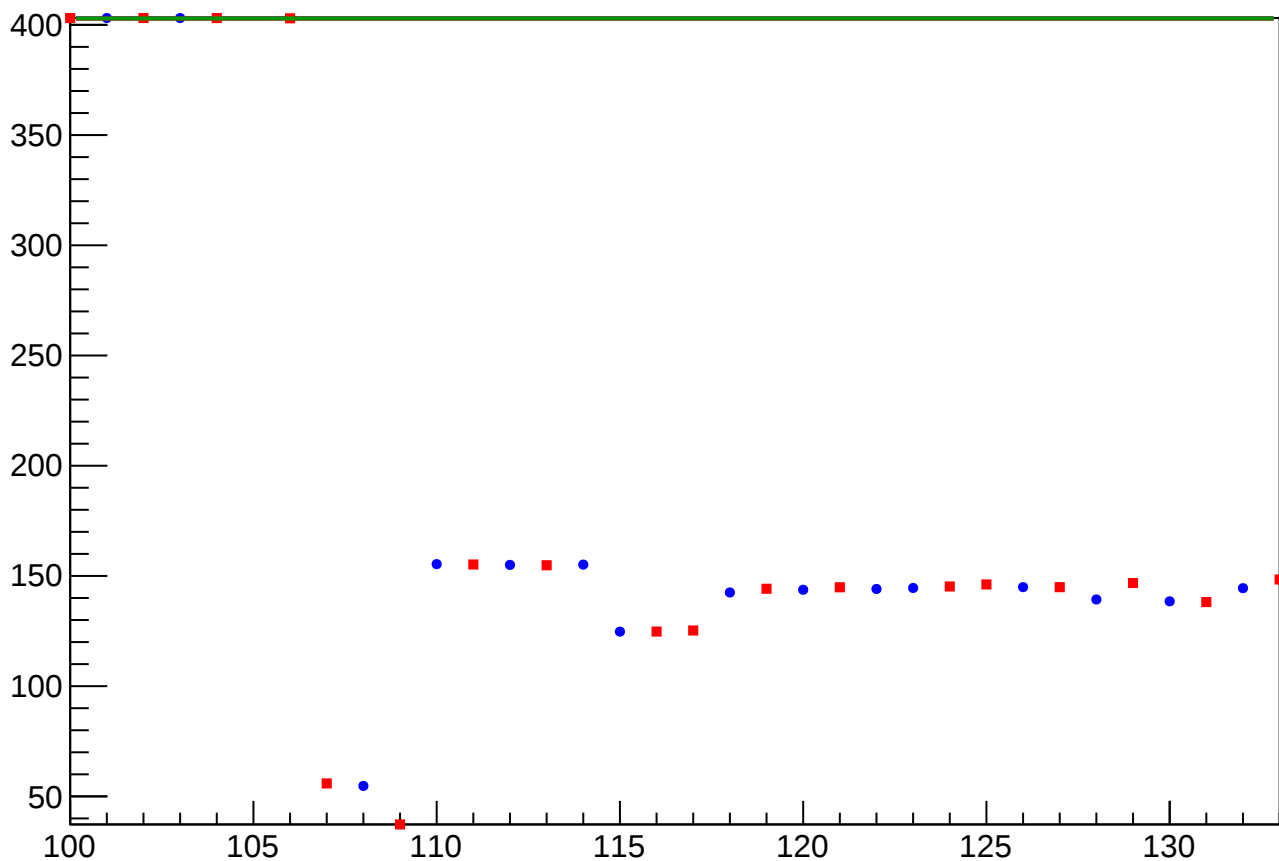
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.324+/-0.000 χ^2/NDF : 1248148.2/14

0.328+/-0.000 χ^2/NDF : 2416161.8/32

0.331+/-0.000 χ^2/NDF : 1165361.2/17

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: 402.818+/-0.000 χ^2/NDF : 2927276870353.3/17

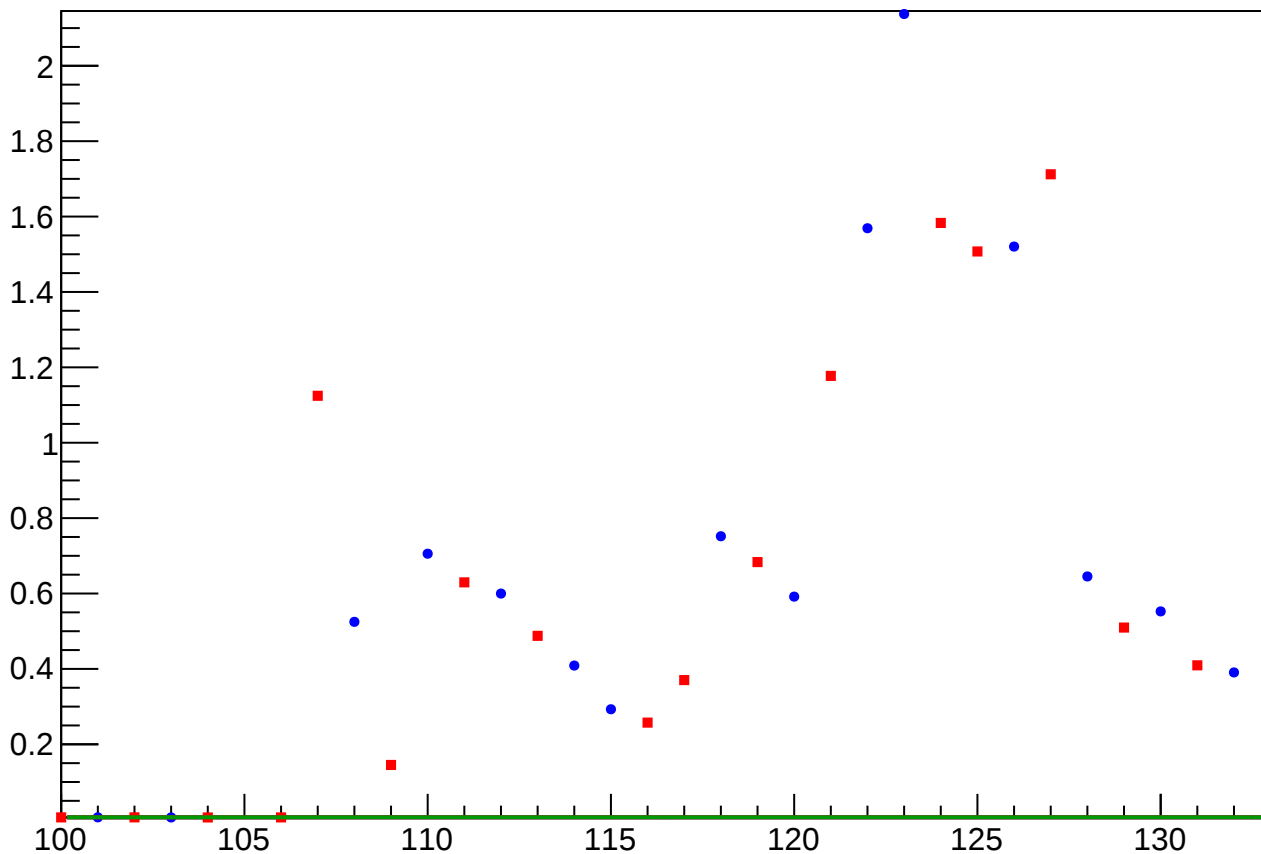
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.994+/-0.000 χ^2/NDF : 805917491372.3/14

402.901+/-0.000 χ^2/NDF : 373370638255

402.818+/-0.000 χ^2/NDF : 2927276870353.3/17

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 : 8078898.4/17

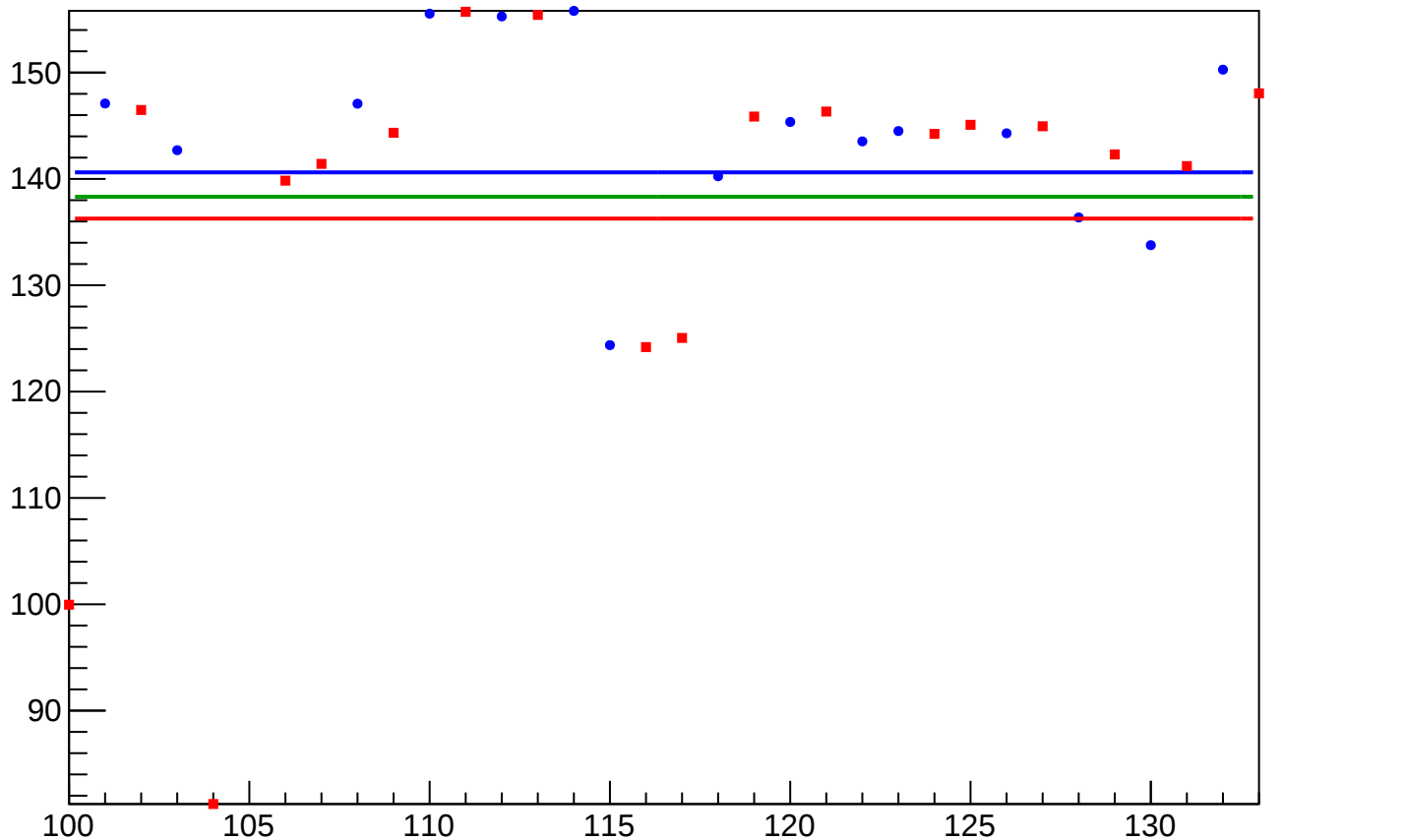
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7180234.0/14

0.006+/-0.000 χ^2/NDF : 15259147.1/32

0.006+/-0.000 χ^2/NDF : 8078898.4/17

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.617+/-0.000 χ^2/NDF : 905136274.8/14

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

Right Out: 136.268+/-0.000 χ^2/NDF : 1266121436.9/17

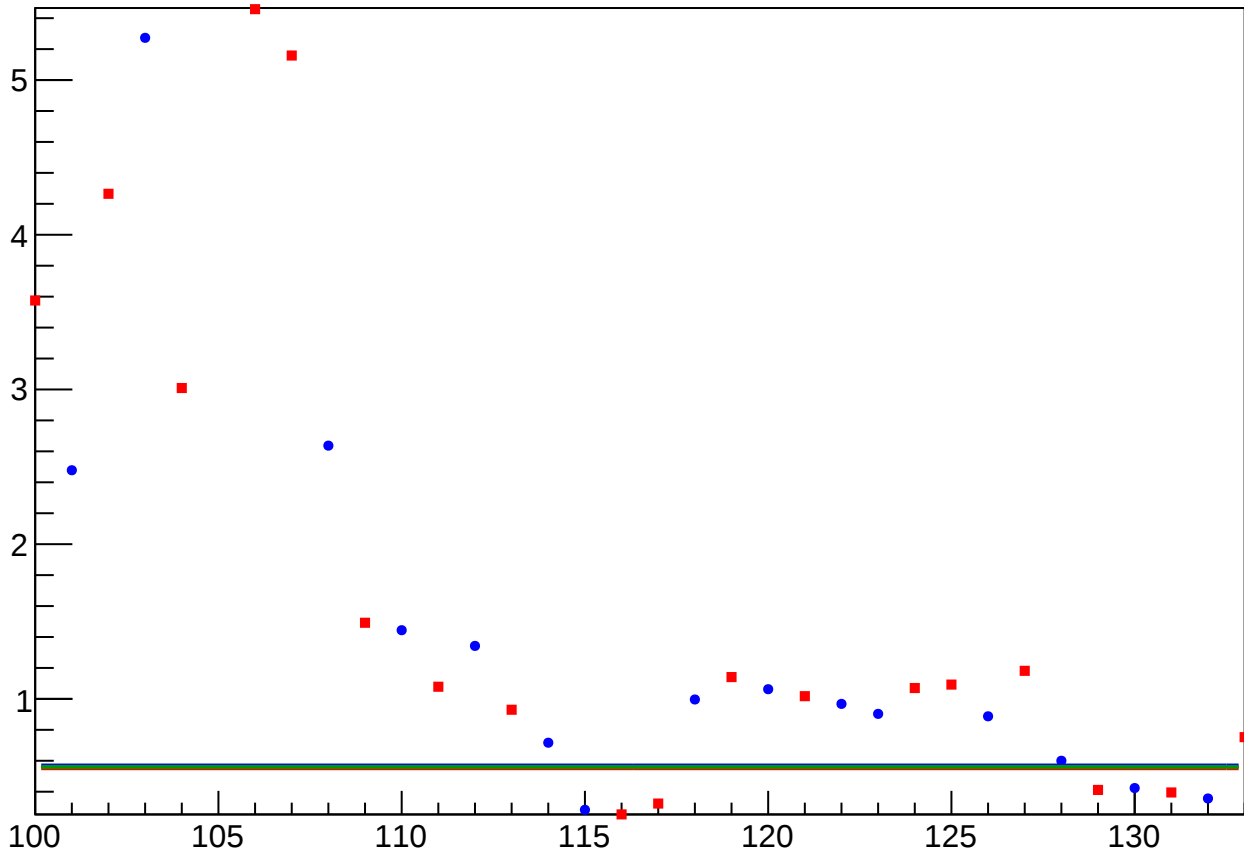
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.617+/-0.000 χ^2/NDF : 905136274.8/14

138.319+/-0.000 χ^2/NDF : 2260608339.9/17

136.268+/-0.000 χ^2/NDF : 1266121436.9/17

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: 0.552+/-0.000 χ^2/NDF : 4703944.1/17

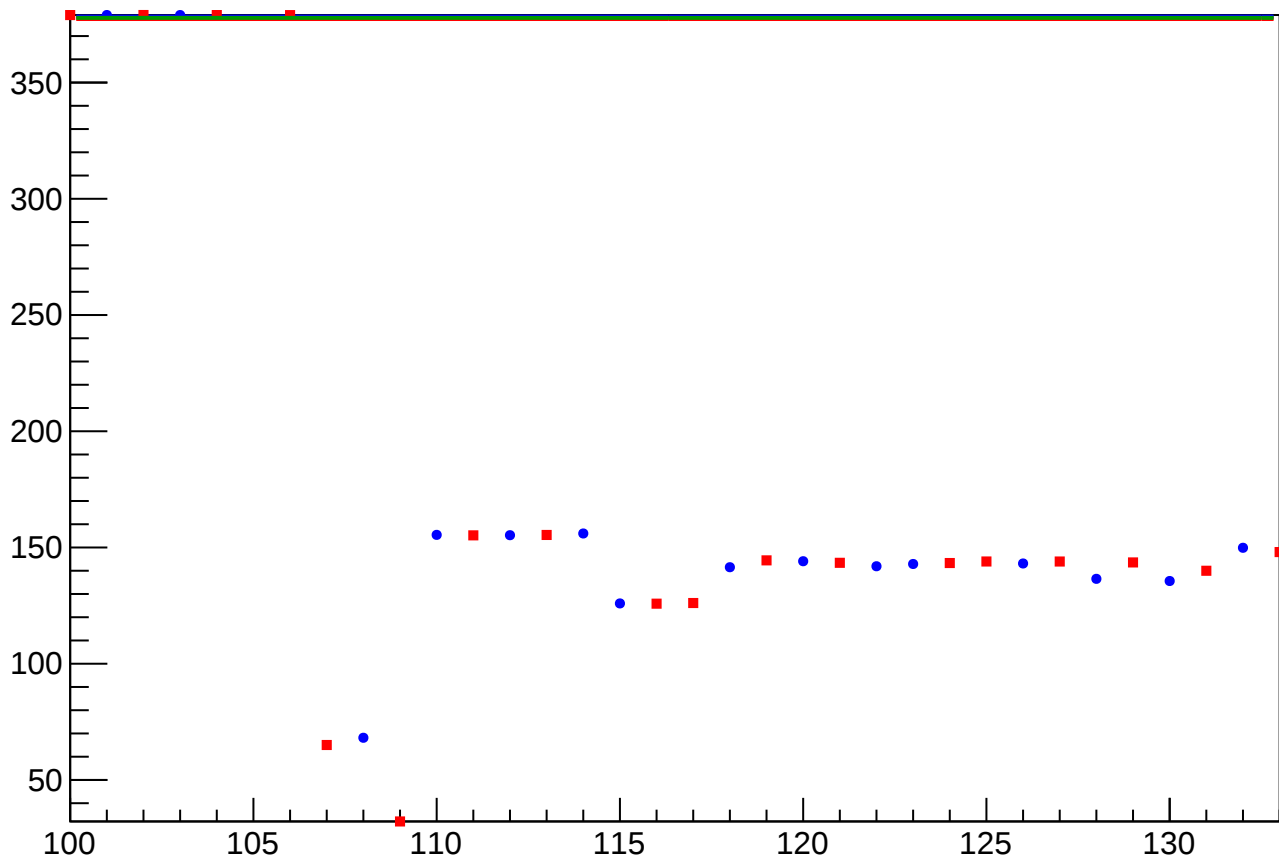
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.569+/-0.000 χ^2/NDF : 3422327.1/14

0.560+/-0.000 χ^2/NDF : 8129086.1/32

0.552+/-0.000 χ^2/NDF : 4703944.1/17

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: 377.336+/-0.000 χ^2/NDF : 8114651111585.4/17

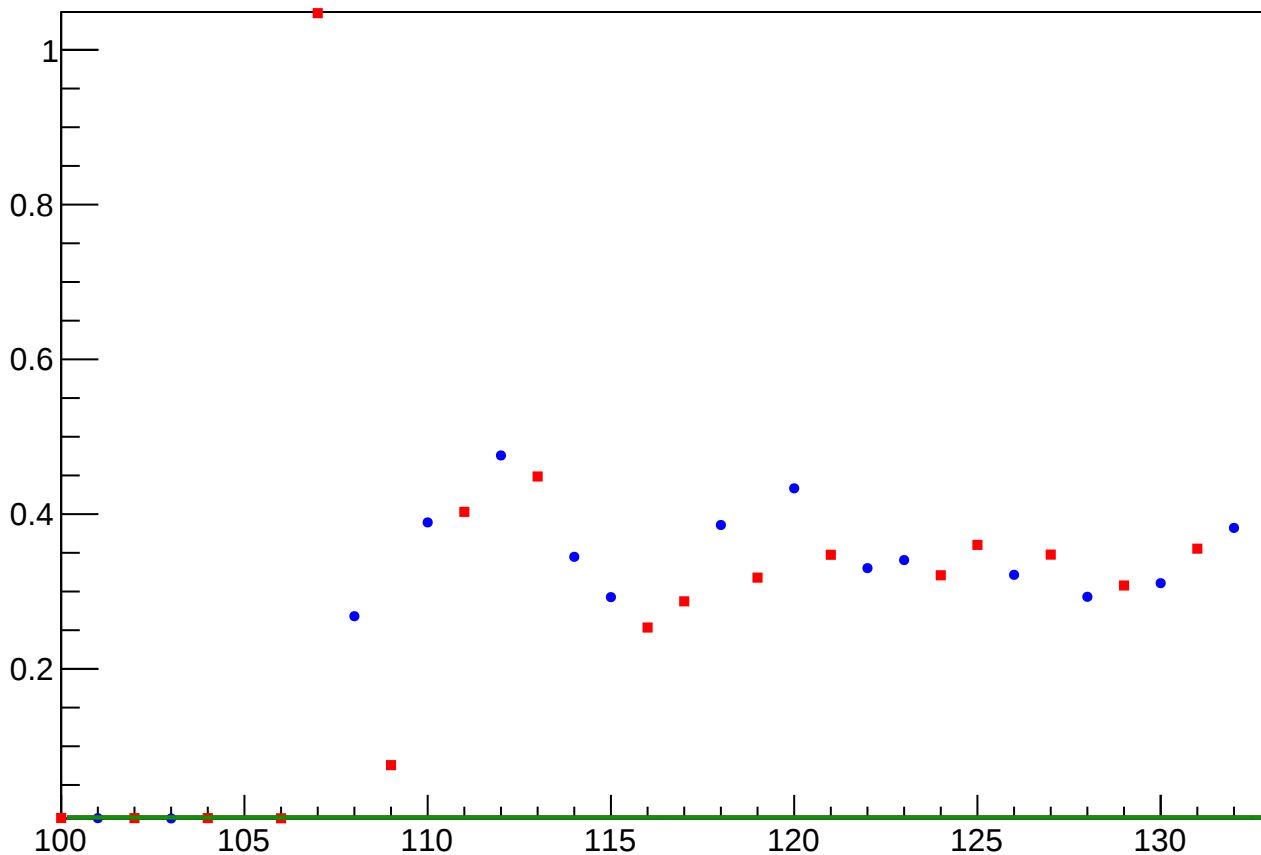
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.400+/-0.000 χ^2/NDF : 2151339826399.1/14

377.833+/-0.000 χ^2/NDF : 102740104885

377.336+/-0.000 χ^2/NDF : 8114651111585.4/17

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 : 8400014.1/17

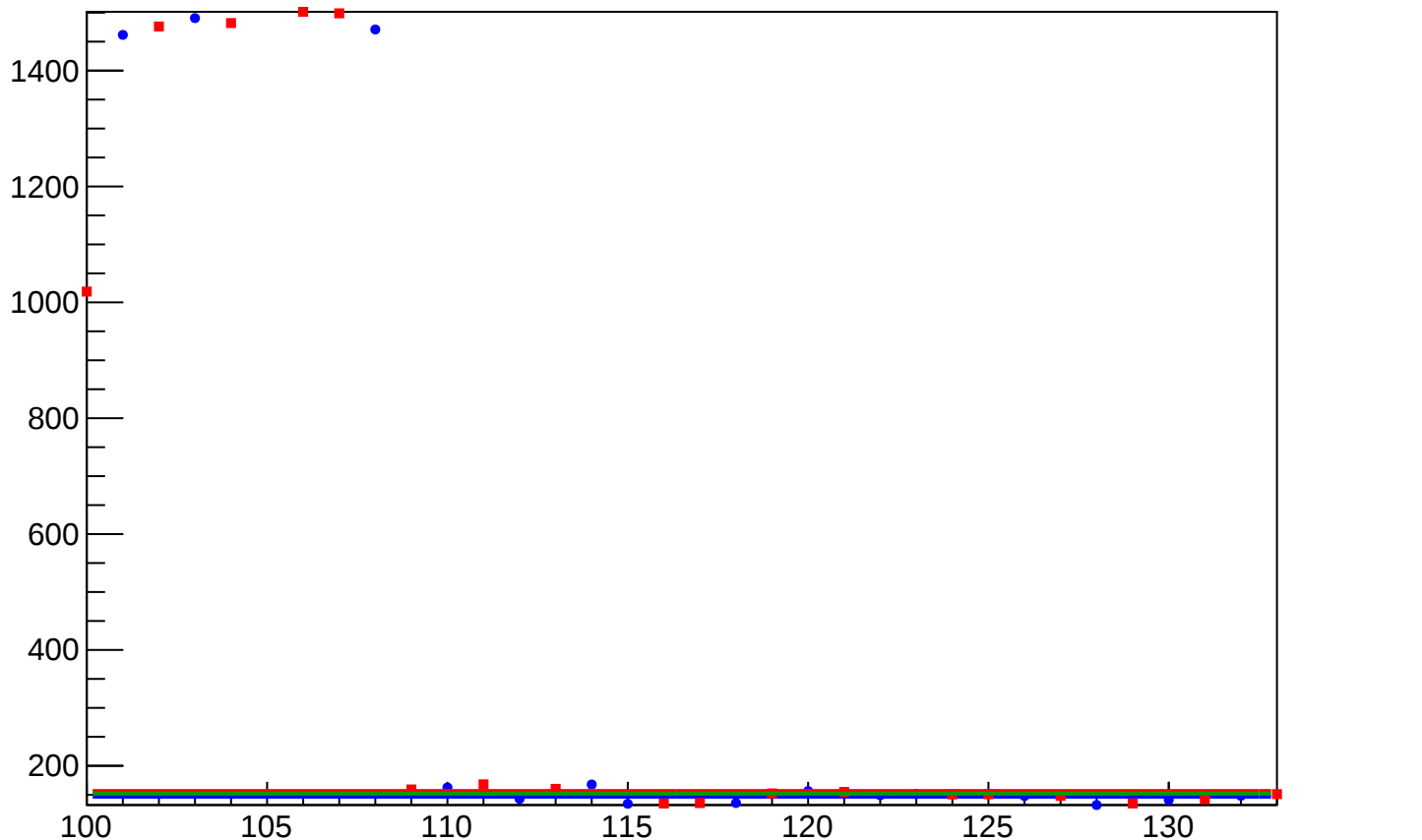
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7864994.4/14

0.008+/-0.000 χ^2/NDF : 16265243.1/32

0.008+/-0.000 χ^2/NDF : 8400014.1/17

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.745 $\pm$ 0.000 χ^2 /NDF: 24353991825.5/14

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

Right Out: 156.544 $\pm$ 0.000 χ^2 /NDF: 33403709824.2/17

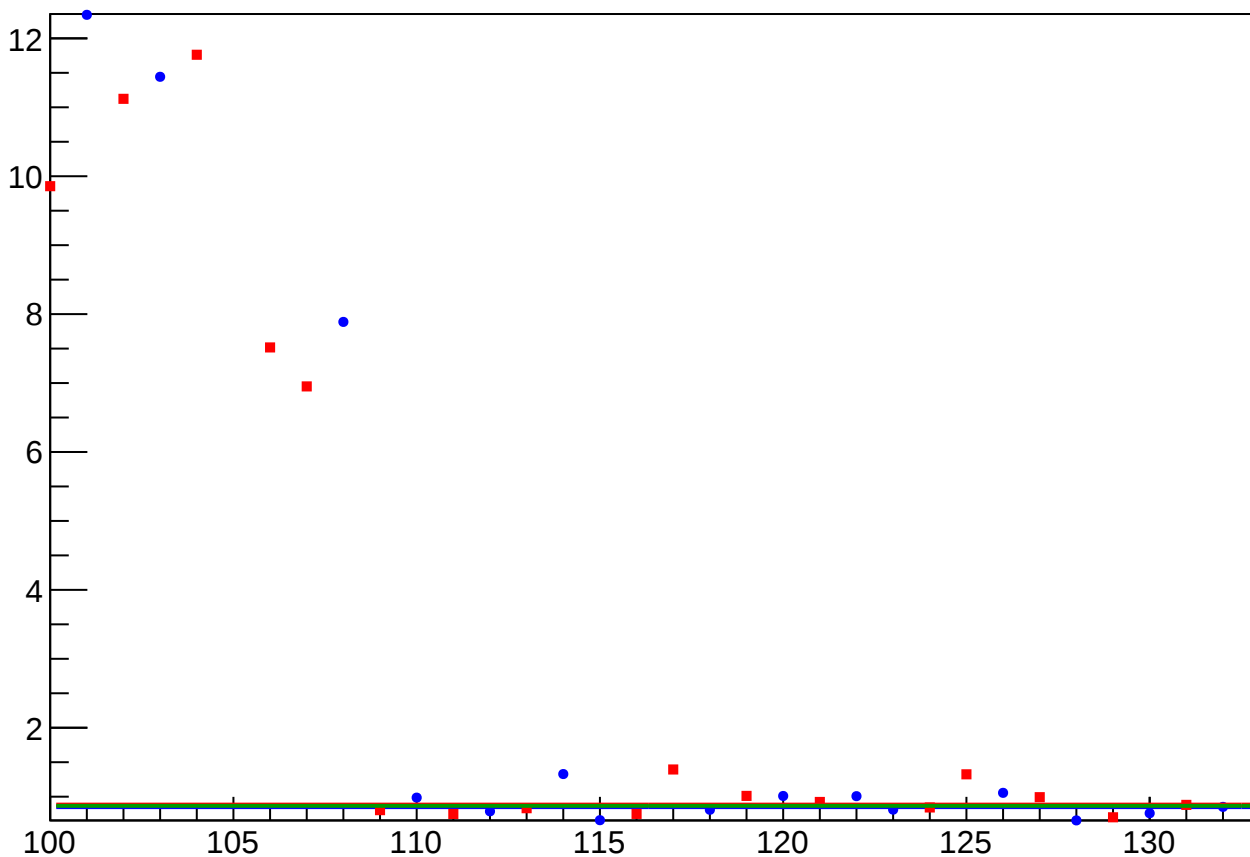
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146.745 $\pm$ 0.000 χ^2 /NDF: 24353991825.5/14

151.814 $\pm$ 0.000 χ^2 /NDF: 57974976548.0

156.544 $\pm$ 0.000 χ^2 /NDF: 33403709824.2/17

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: 0.885+/-0.000 χ^2/NDF : 2788781.7/17

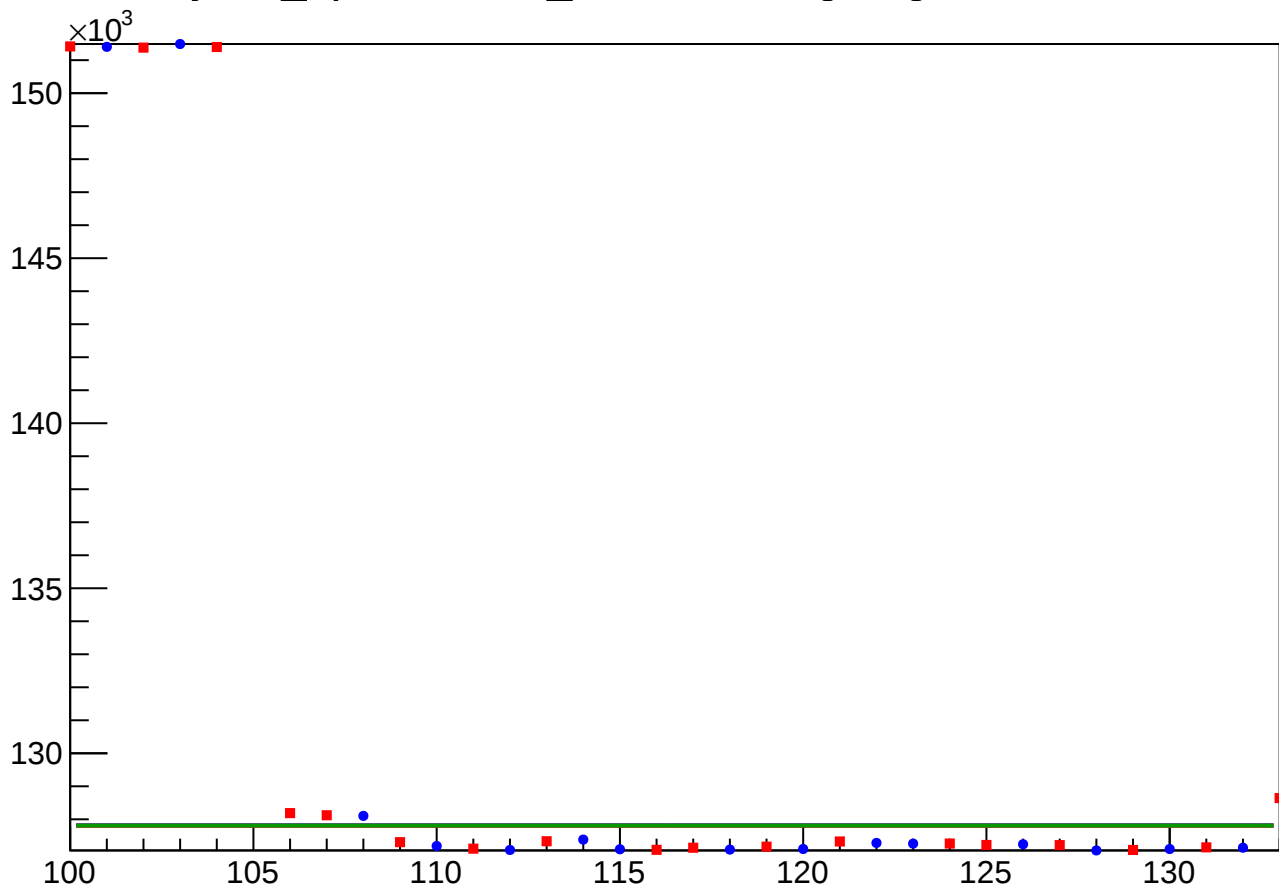
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.849+/-0.000 χ^2/NDF : 2655392.8/14

0.867+/-0.000 χ^2/NDF : 5449961.8/32

0.885+/-0.000 χ^2/NDF : 2788781.7/17

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: 127805.338 $\pm$ 0.052 χ^2 /NDF: 3680722100.3/17

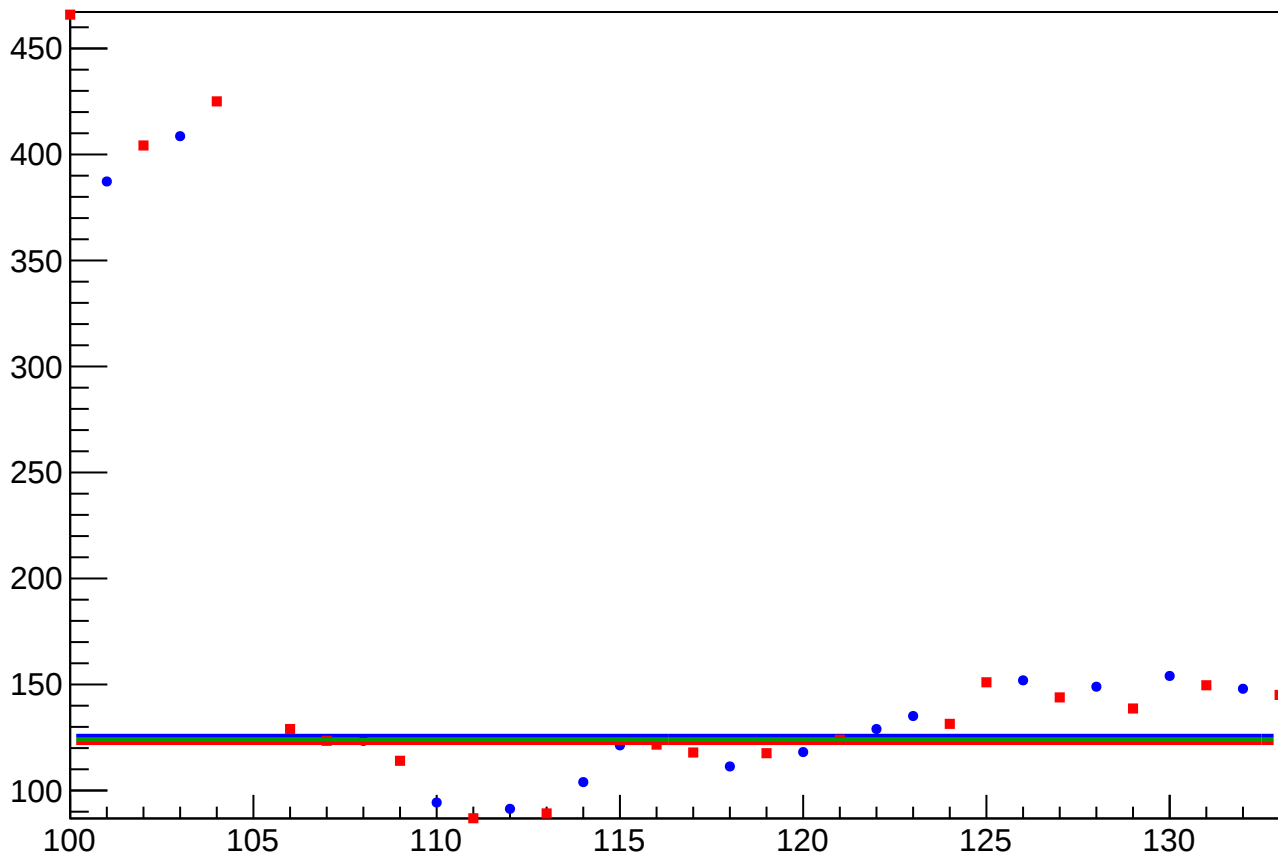
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127817.059 $\pm$ 0.058 χ^2 /NDF: 4200339026.2/14

127810.526 $\pm$ 0.039 χ^2 /NDF: 788108390

127805.338 $\pm$ 0.052 χ^2 /NDF: 3680722100.3/17

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: 122.378+/-0.037 χ^2/NDF : 1470580.8/17

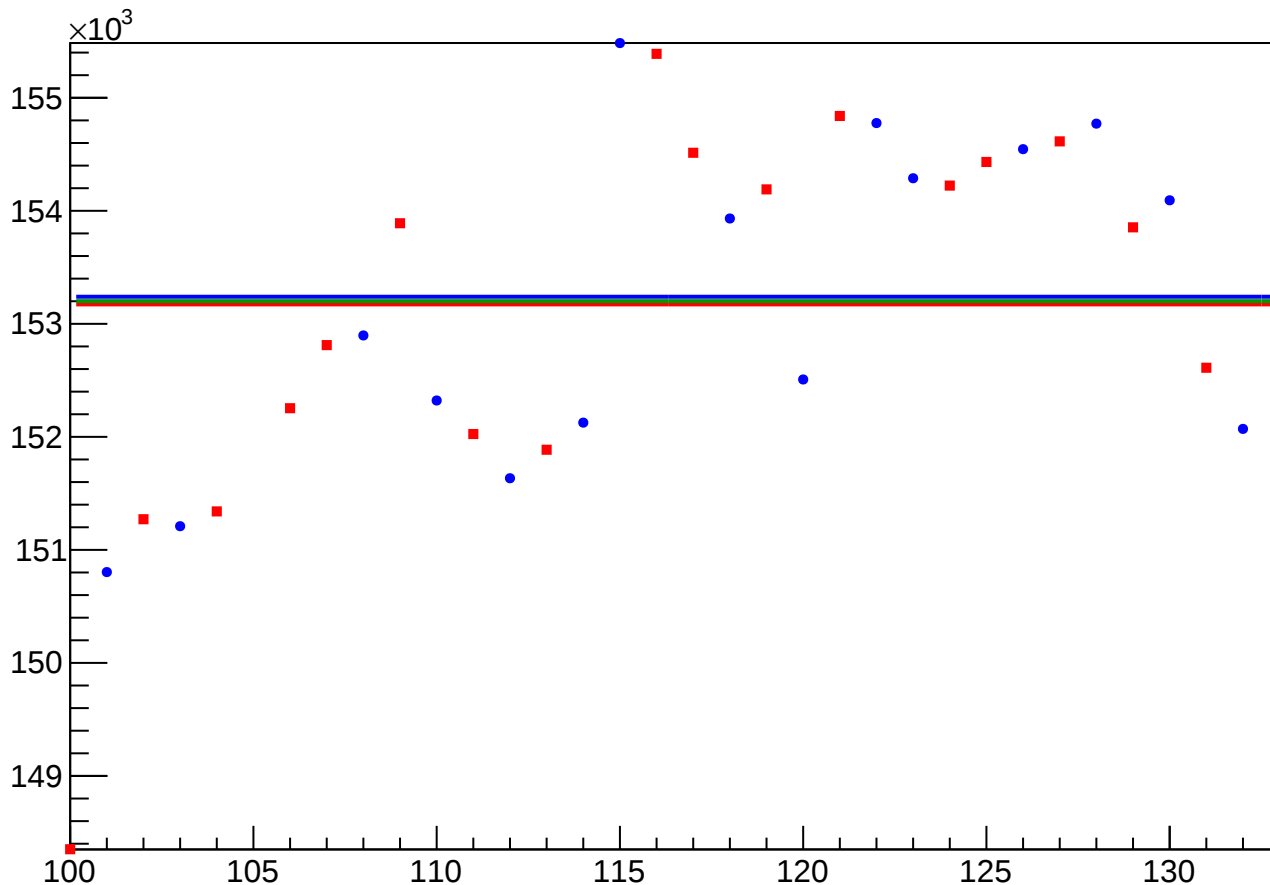
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.804+/-0.041 χ^2/NDF : 1394335.5/14

123.894+/-0.027 χ^2/NDF : 2868809.4/32

122.378+/-0.037 χ^2/NDF : 1470580.8/17

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: 153172.086 $\pm$ 0.069 χ^2 /NDF: 469741183.8/17

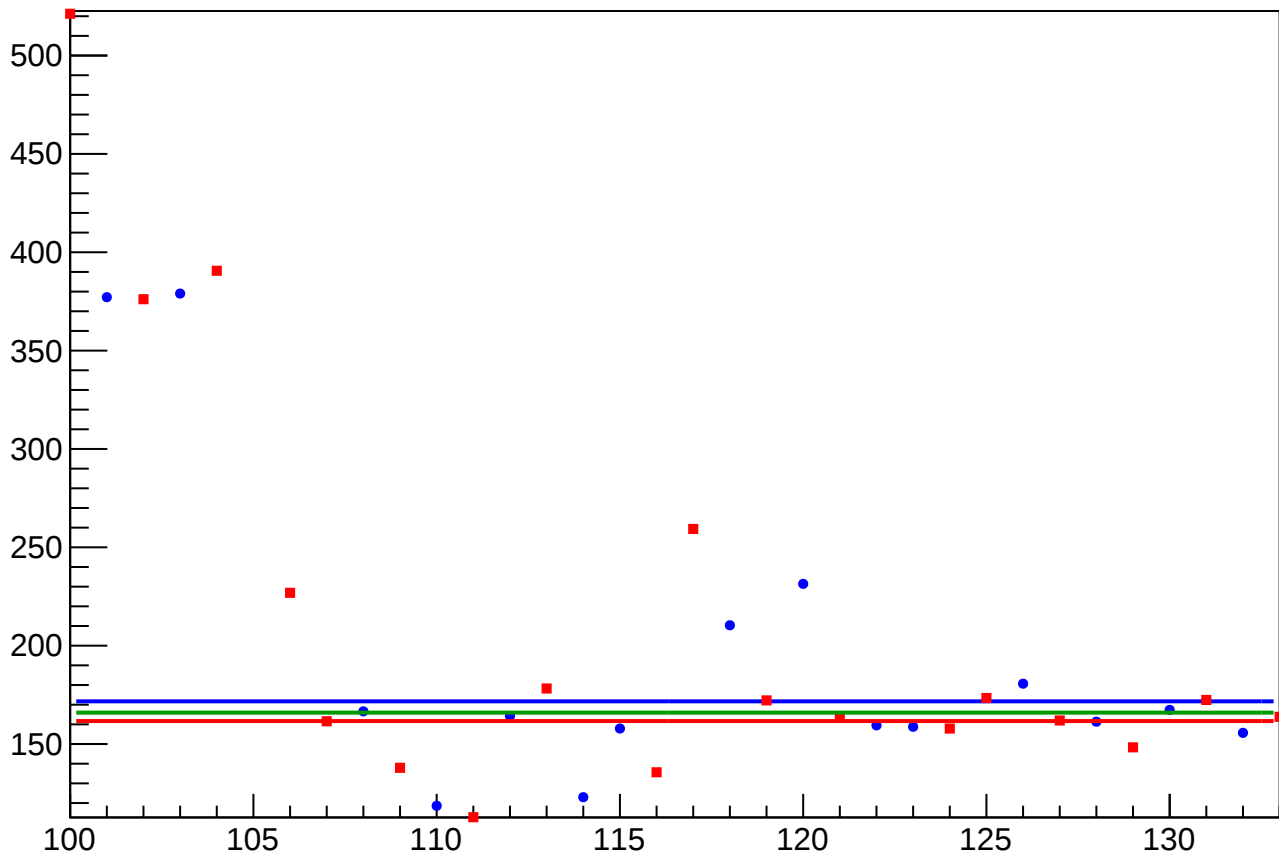
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153239.751 $\pm$ 0.079 χ^2 /NDF: 259986877.6/14

153201.057 $\pm$ 0.052 χ^2 /NDF: 730143442

153172.086 $\pm$ 0.069 χ^2 /NDF: 469741183.8/17

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: 161.671+/-0.049 χ^2/NDF : 1028037.7/17

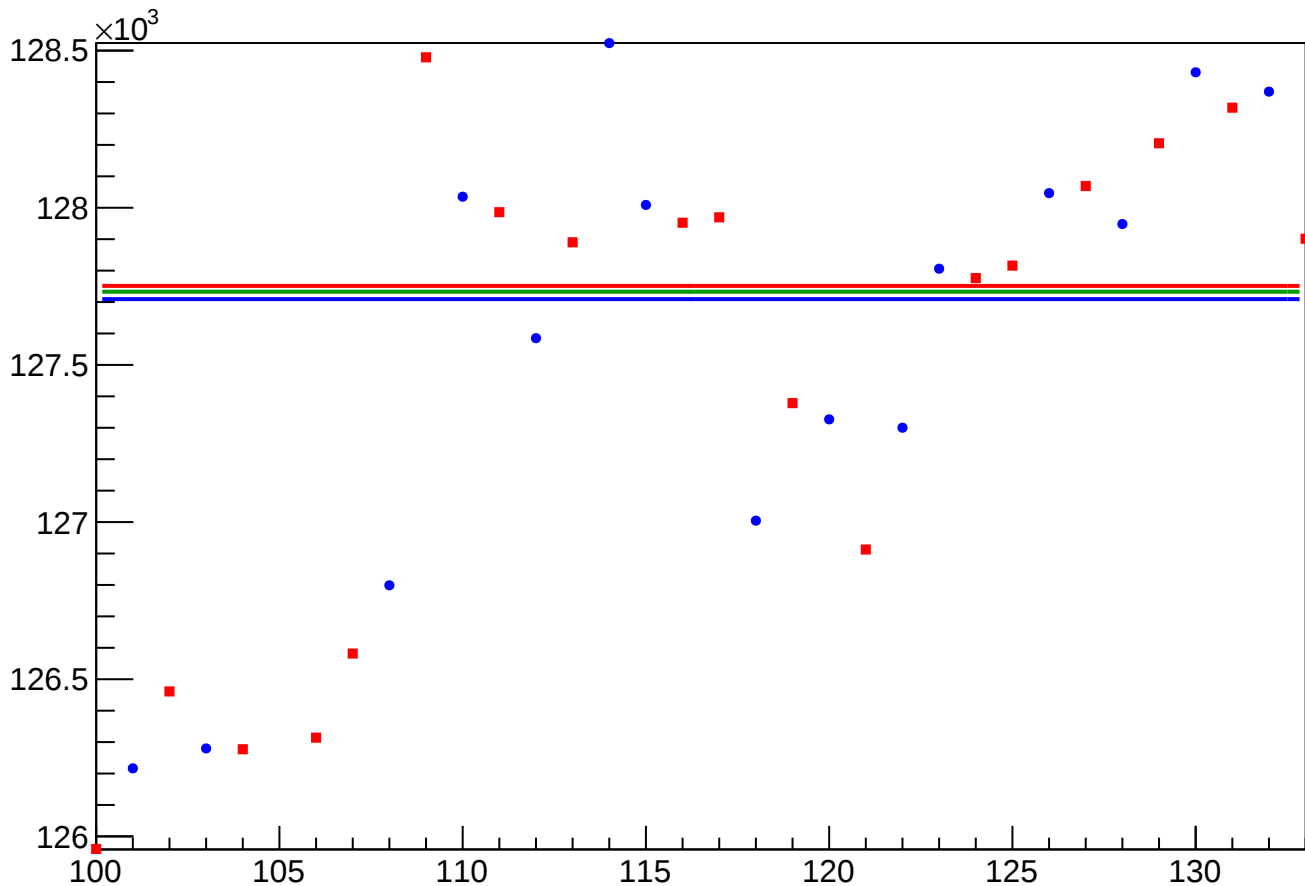
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.698+/-0.056 χ^2/NDF : 921117.7/14

165.964+/-0.037 χ^2/NDF : 1967399.0/32

161.671+/-0.049 χ^2/NDF : 1028037.7/17

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

127709.304 $\pm$ 0.063 χ^2 /NDF: 92770417.6/14

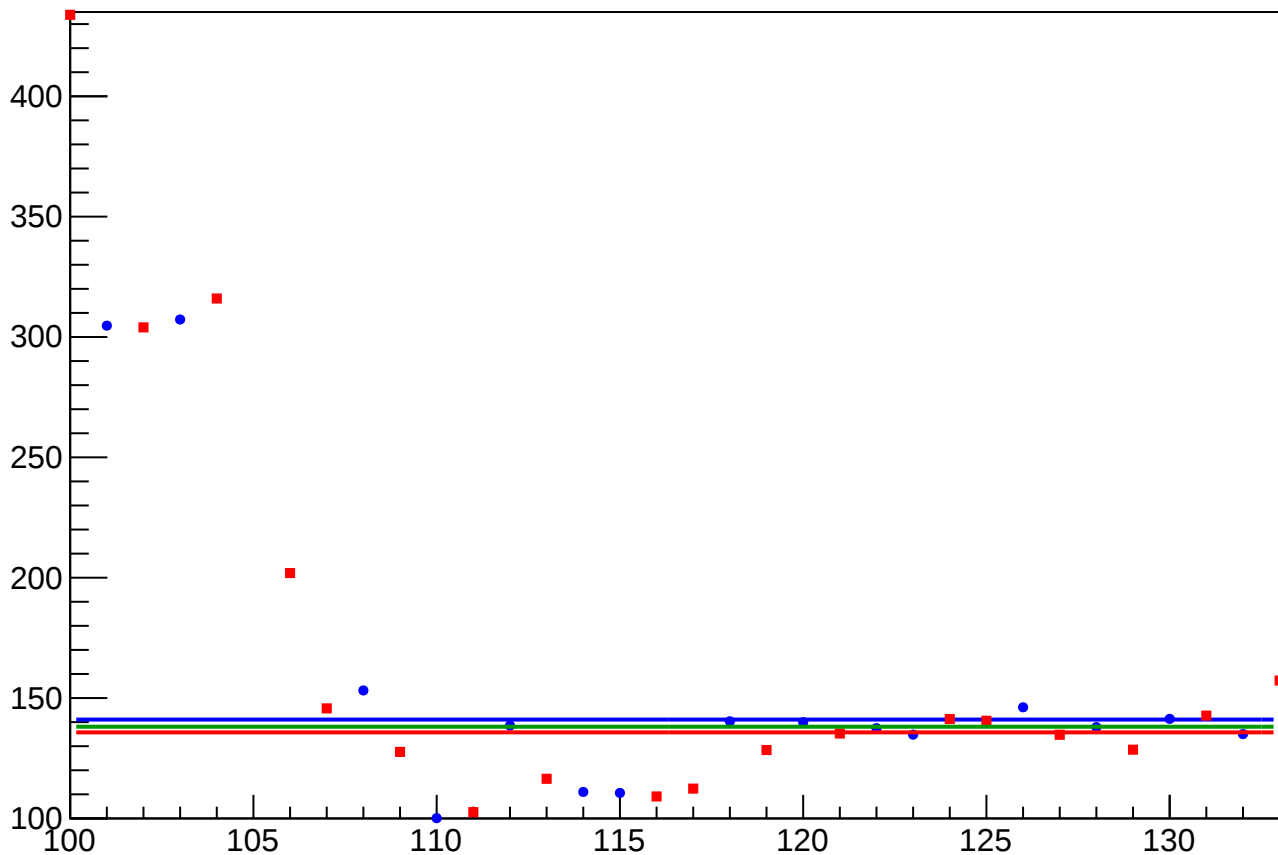
127732.866 $\pm$ 0.042 χ^2 /NDF: 202463900

Right Out: 127751.426 $\pm$ 0.056 χ^2 /NDF: 109446825.9/17

127751.426 $\pm$ 0.056 χ^2 /NDF: 109446825.9/17

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

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: 135.746+/-0.040 χ^2/NDF : 949475.5/17

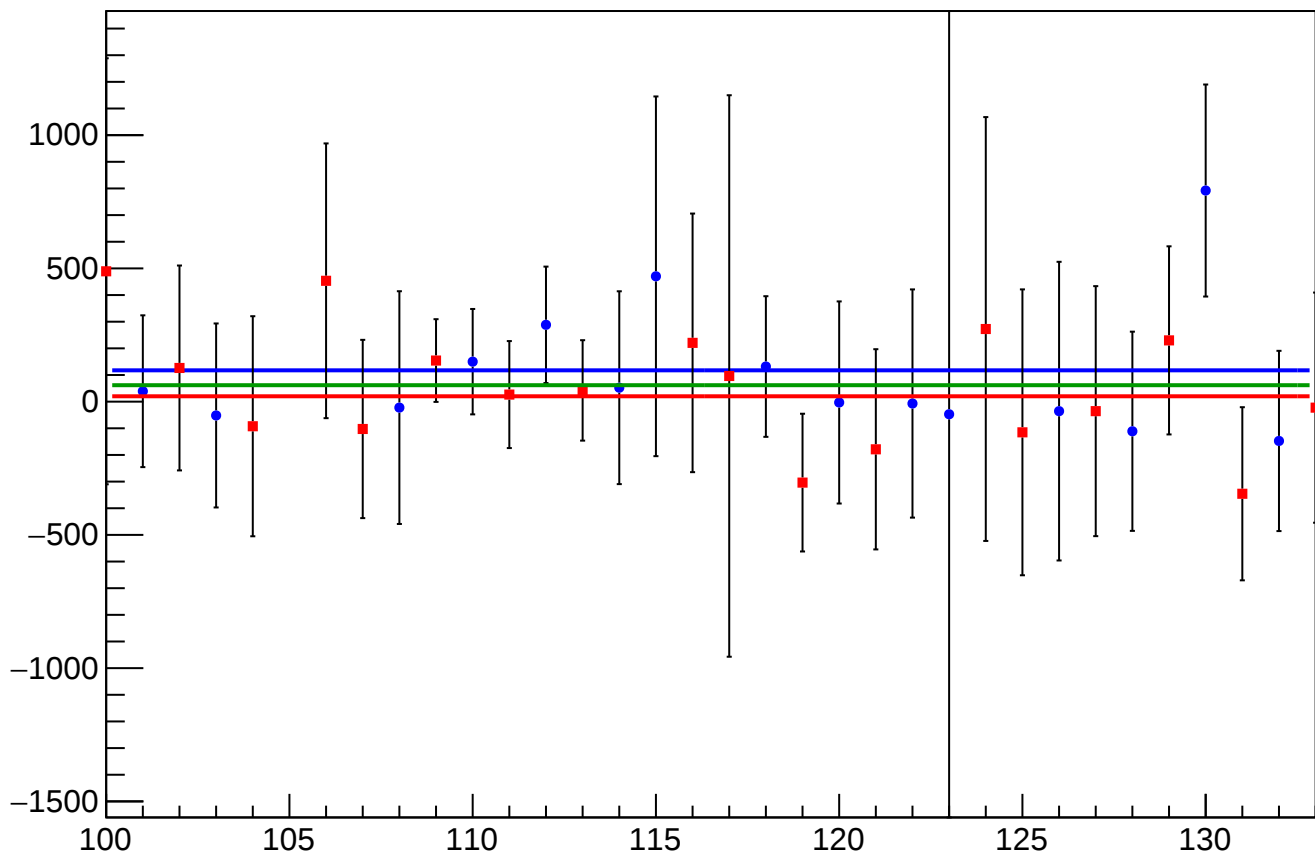
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.061+/-0.045 χ^2/NDF : 824630.4/14

138.088+/-0.030 χ^2/NDF : 1781961.4/32

135.746+/-0.040 χ^2/NDF : 949475.5/17

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: 20.134 $\pm$ 74.313 χ^2 /NDF: 5.9/17

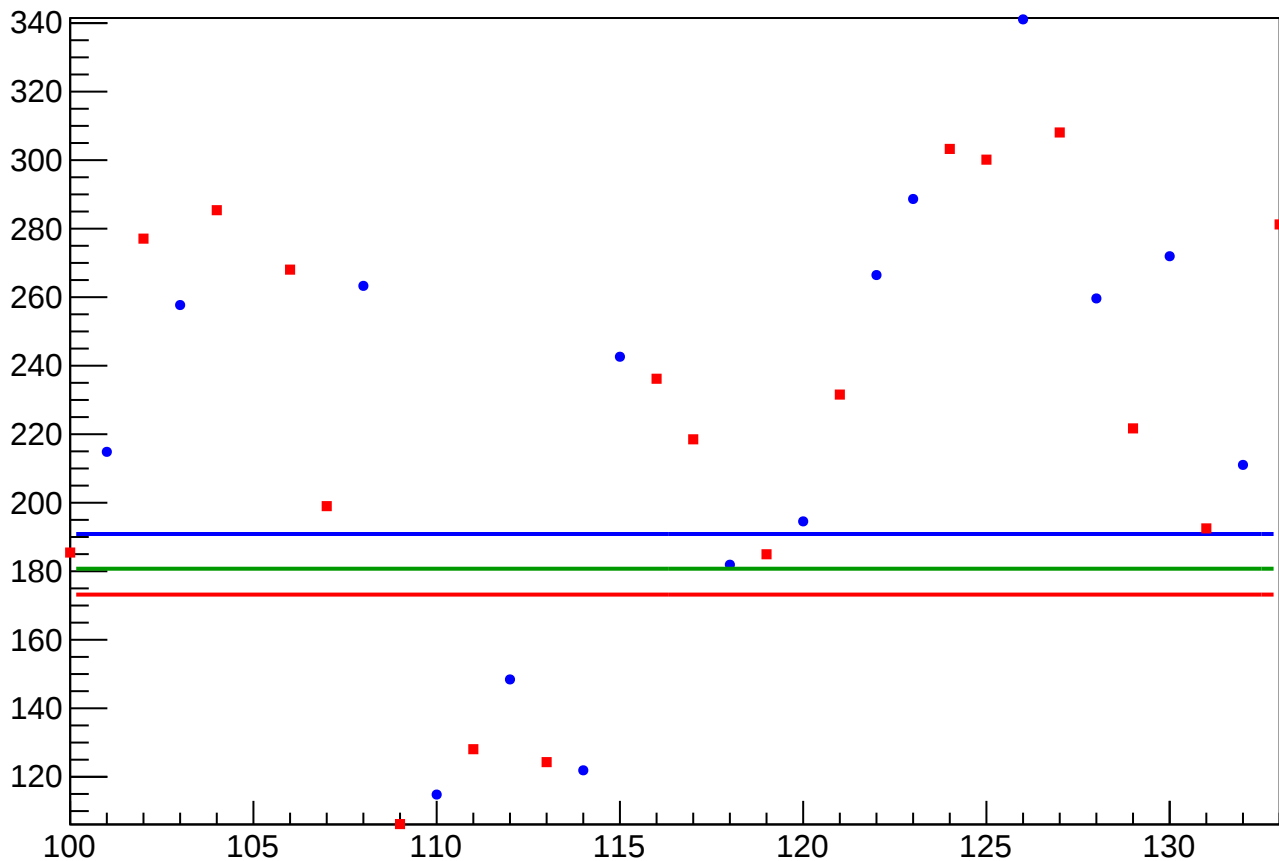
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.533 $\pm$ 86.084 χ^2 /NDF: 5.5/14

61.723 $\pm$ 56.252 χ^2 /NDF: 12.2/32

20.134 $\pm$ 74.313 χ^2 /NDF: 5.9/17

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 190.877+/-0.061 χ^2/NDF : 974701.8/14

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

Right Out: 173.192+/-0.053 χ^2/NDF : 1573138.3/17

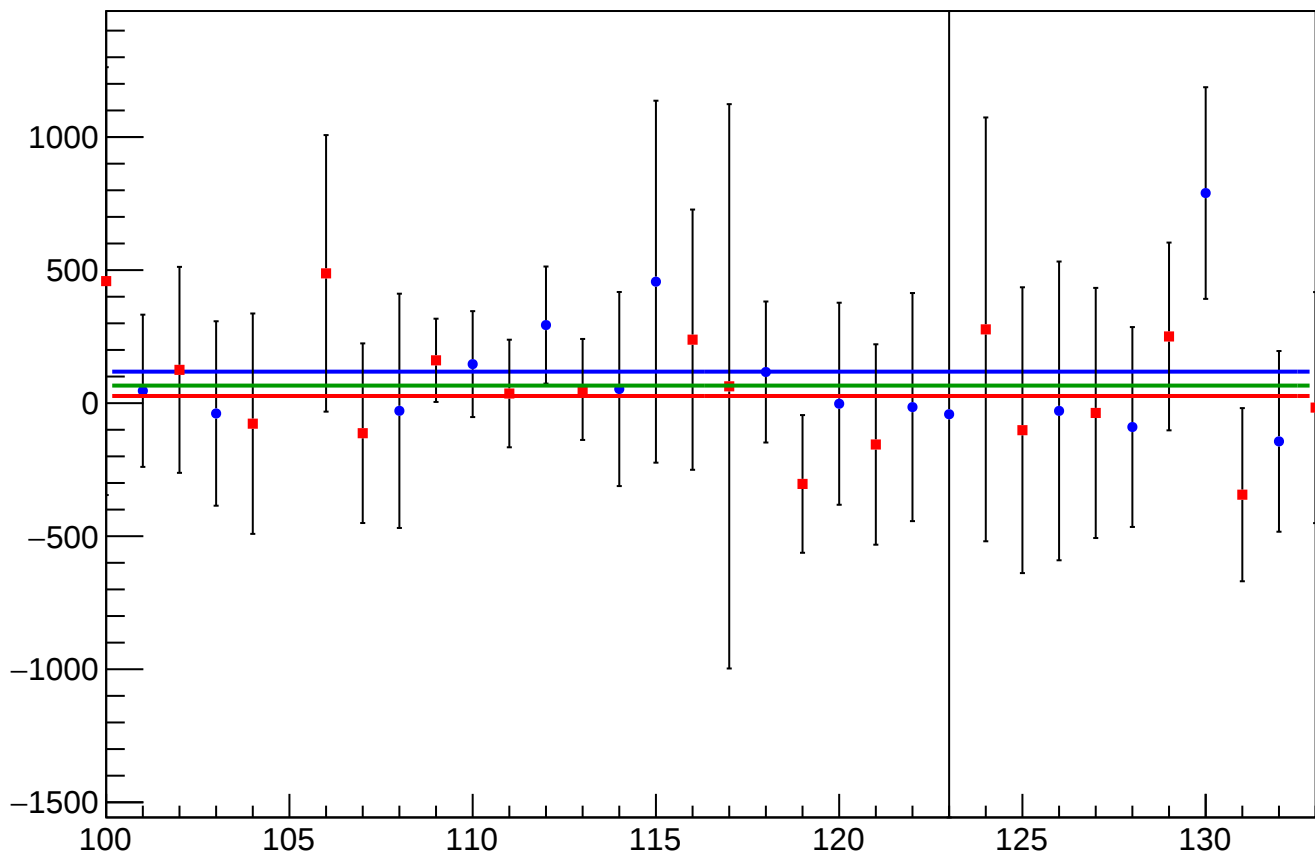
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.877+/-0.061 χ^2/NDF : 974701.8/14

180.743+/-0.040 χ^2/NDF : 2596209.6/32

173.192+/-0.053 χ^2/NDF : 1573138.3/17

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: 26.932 $\pm$ 74.734 χ^2 /NDF: 6.1/17

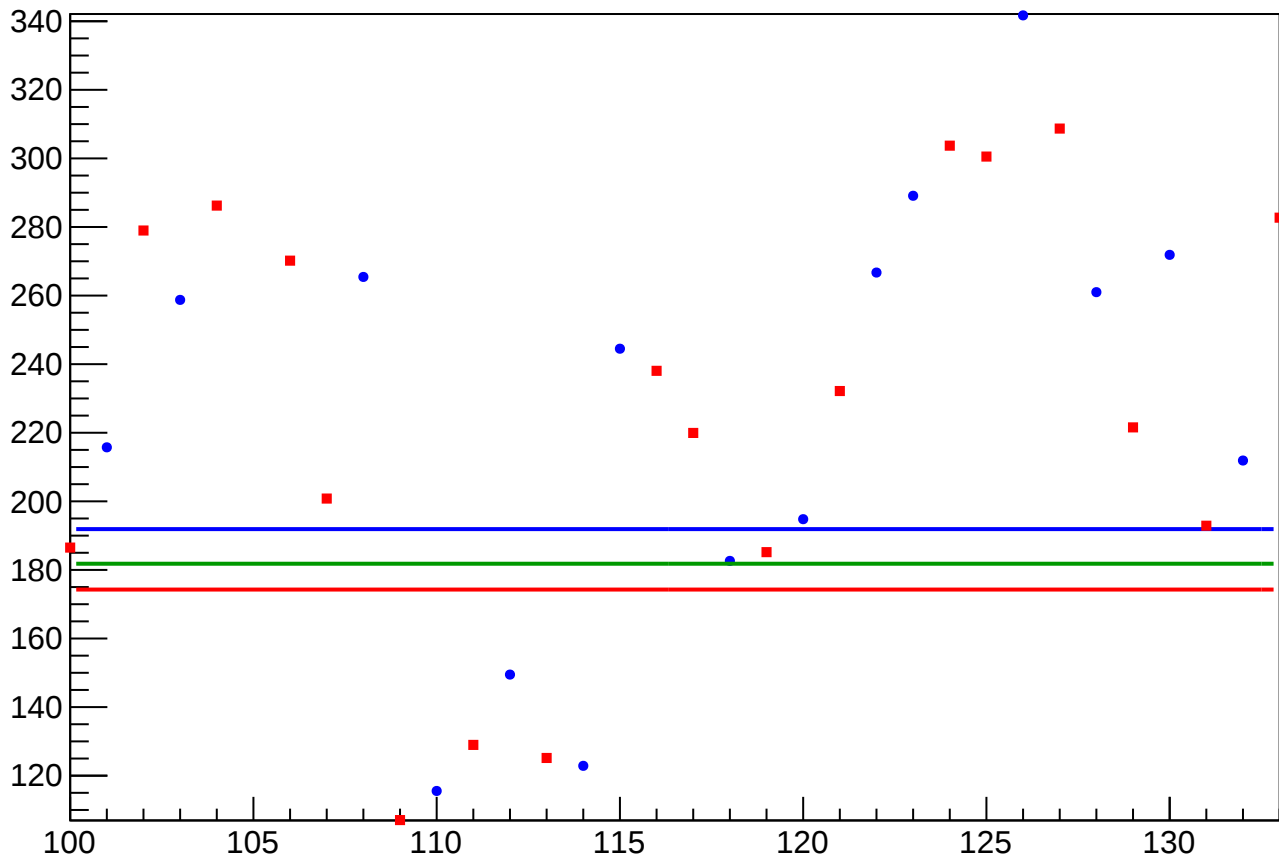
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.421 $\pm$ 86.511 χ^2 /NDF: 5.3/14

66.030 $\pm$ 56.554 χ^2 /NDF: 12.1/32

26.932 $\pm$ 74.734 χ^2 /NDF: 6.1/17

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: 174.275 $\pm$ 0.053 χ^2 /NDF: 1559943.1/17

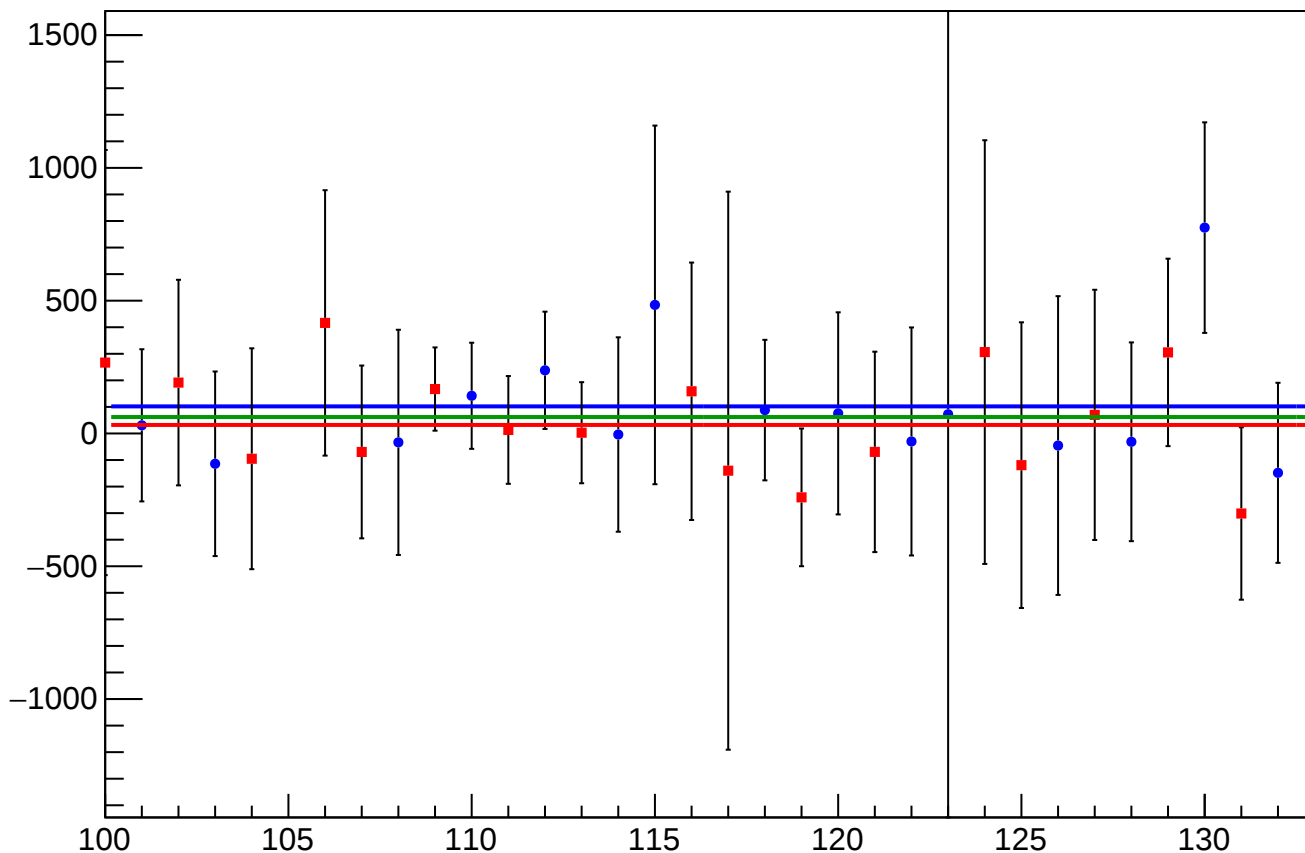
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.901 $\pm$ 0.061 χ^2 /NDF: 966111.7/14

181.807 $\pm$ 0.040 χ^2 /NDF: 2573598.5/32

174.275 $\pm$ 0.053 χ^2 /NDF: 1559943.1/17

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 101.953 $\pm$ 86.496 χ^2 /NDF: 5.1/14

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

Right Out: 32.087 $\pm$ 74.640 χ^2 /NDF: 5.0/17

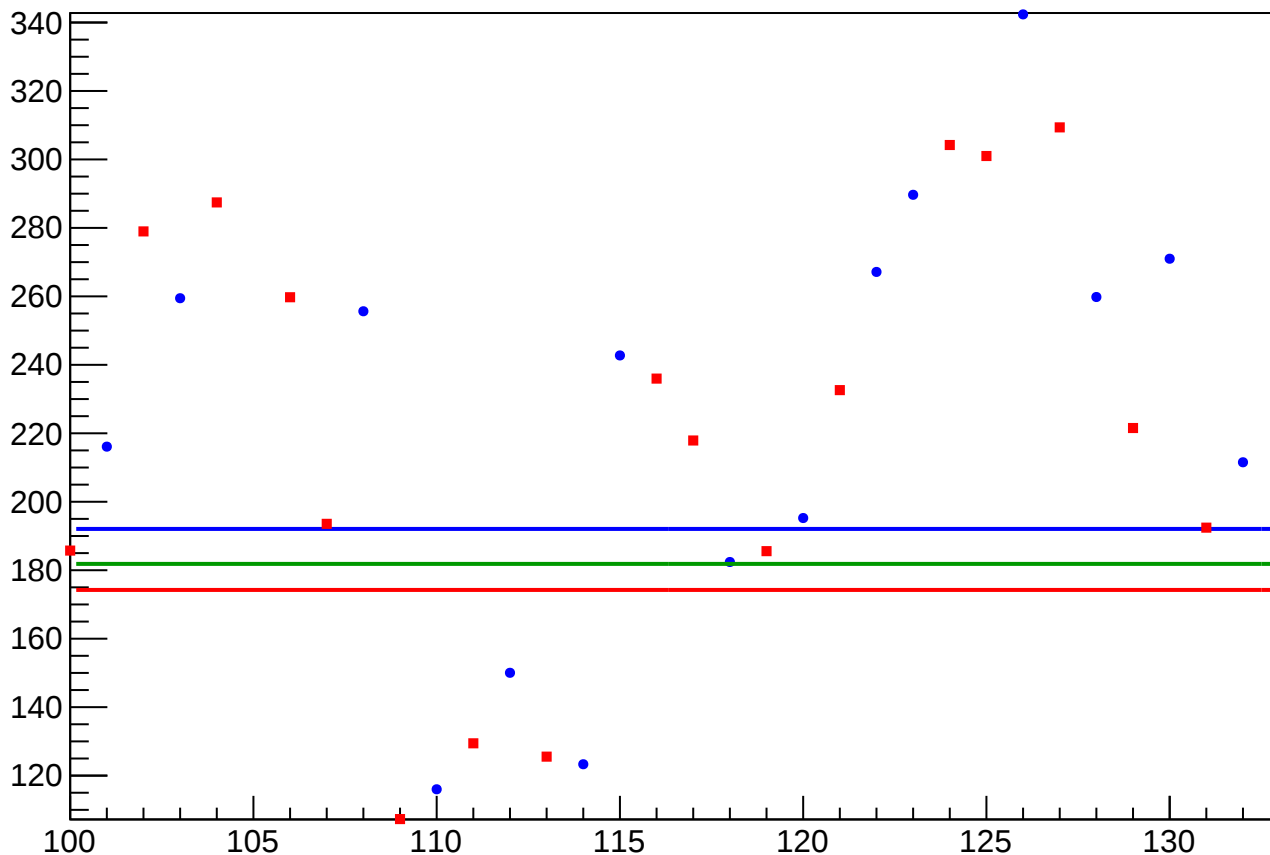
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.953 $\pm$ 86.496 χ^2 /NDF: 5.1/14

61.907 $\pm$ 56.509 χ^2 /NDF: 10.4/32

32.087 $\pm$ 74.640 χ^2 /NDF: 5.0/17

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: 174.243+/-0.053 χ^2/NDF : 1536711.9/17

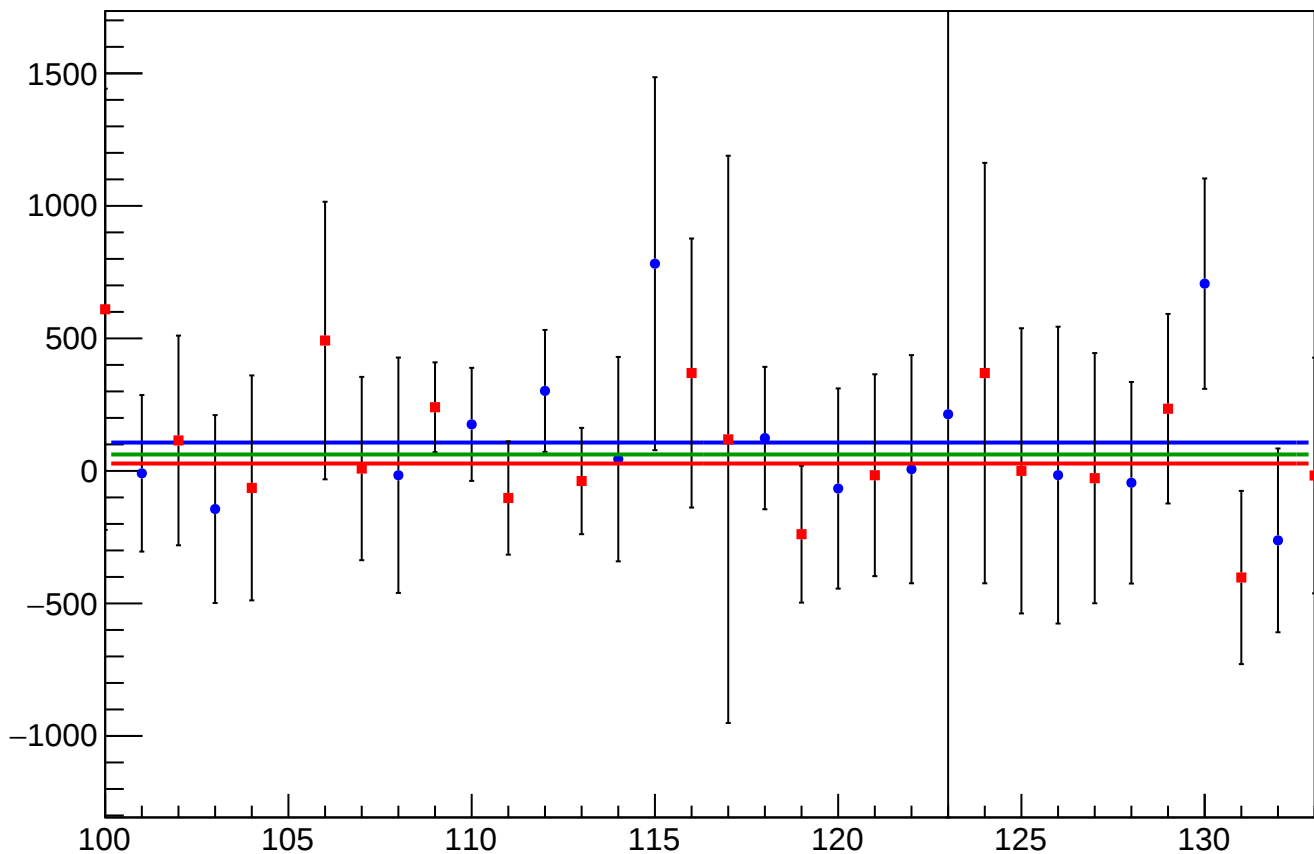
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.065+/-0.061 χ^2/NDF : 944758.5/14

181.850+/-0.040 χ^2/NDF : 2530138.1/32

174.243+/-0.053 χ^2/NDF : 1536711.9/17

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: 27.908 $\pm$ 77.752 χ^2 /NDF: 7.2/17

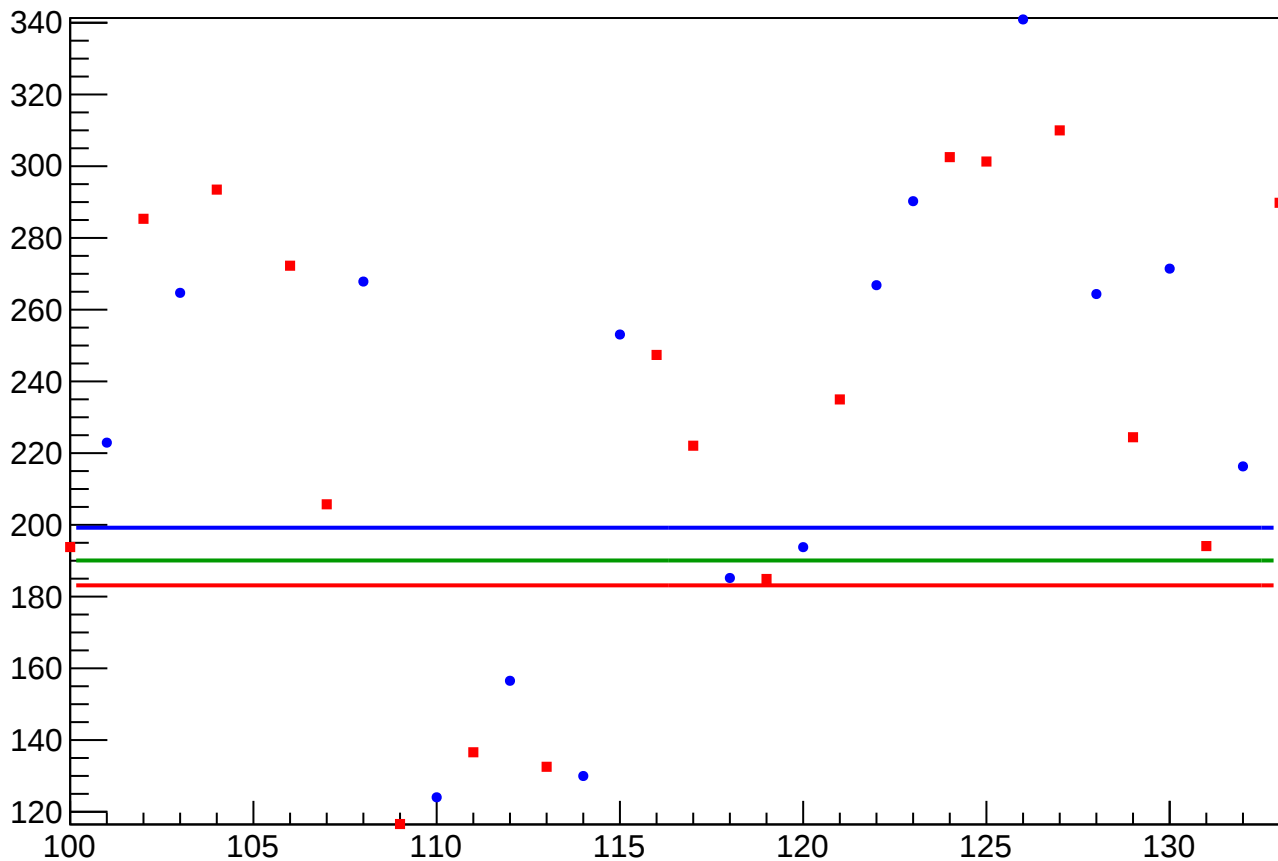
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.067 $\pm$ 89.224 χ^2 /NDF: 6.4/14

62.075 $\pm$ 58.618 χ^2 /NDF: 14.1/32

27.908 $\pm$ 77.752 χ^2 /NDF: 7.2/17

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: 183.132 $\pm$ 0.055 χ^2 /NDF: 1368448.2/17

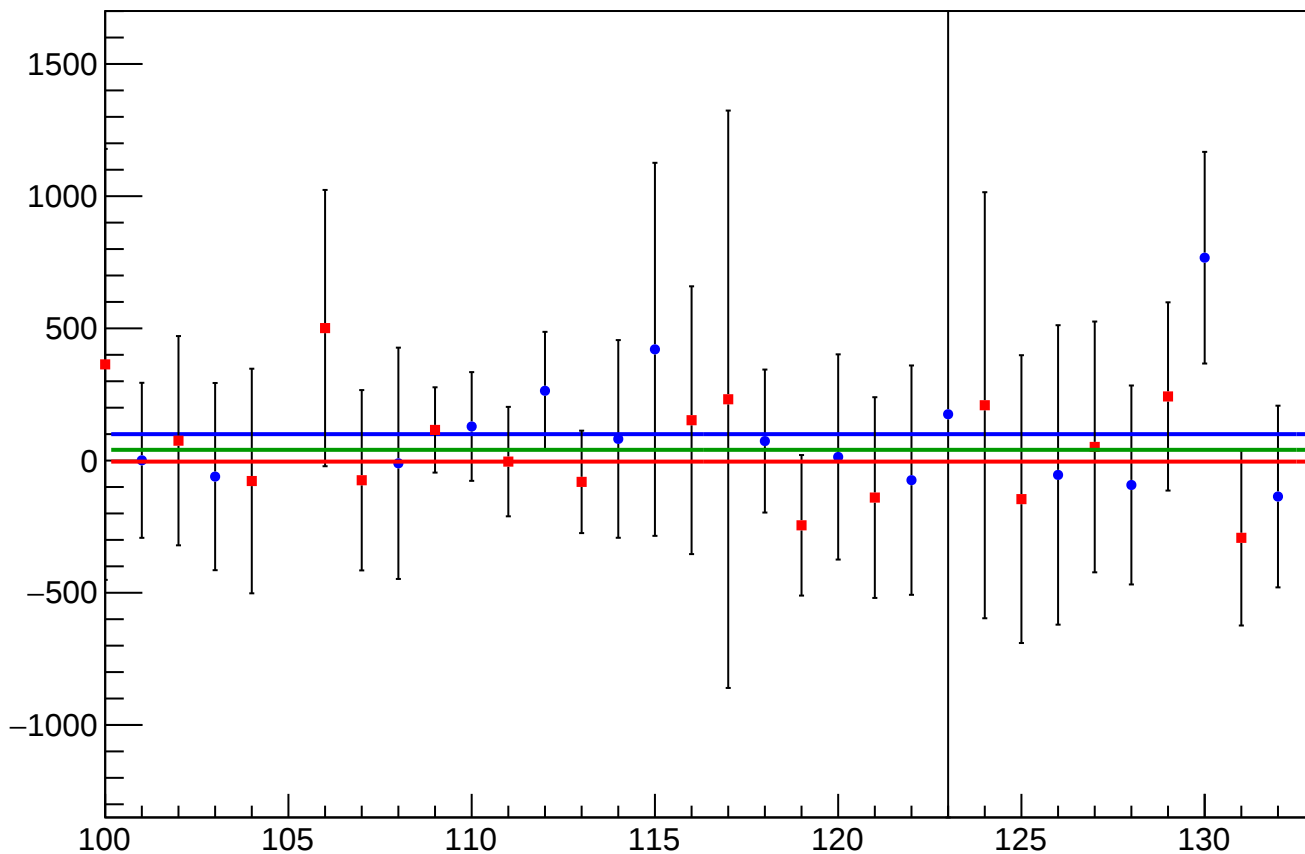
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

199.205 $\pm$ 0.063 χ^2 /NDF: 842896.8/14

190.070 $\pm$ 0.041 χ^2 /NDF: 2248235.2/32

183.132 $\pm$ 0.055 χ^2 /NDF: 1368448.2/17

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 99.923+/-88.137 χ^2/NDF : 5.0/14

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

Right Out: -3.919+/-76.355 χ^2/NDF : 4.5/17

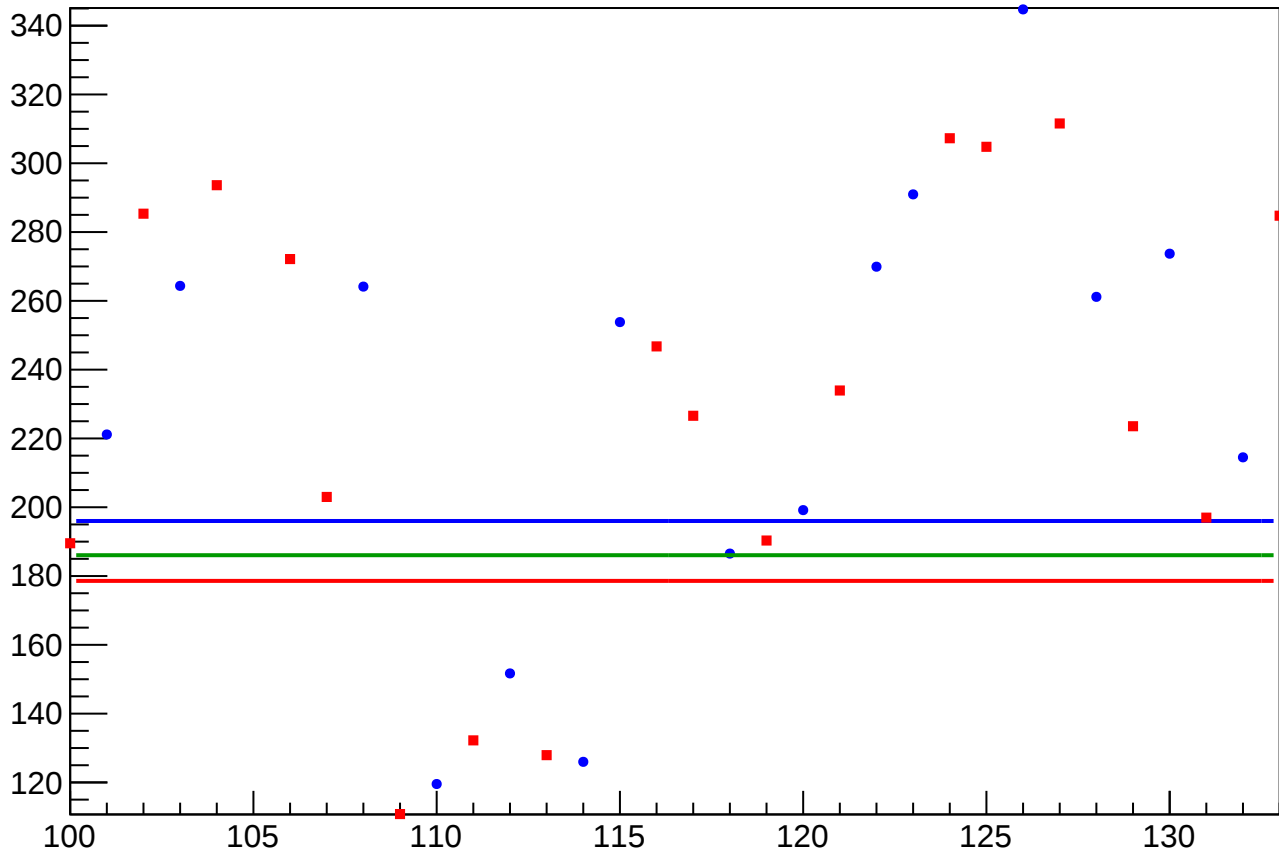
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

99.923+/-88.137 χ^2/NDF : 5.0/14

40.602+/-57.710 χ^2/NDF : 10.2/32

-3.919+/-76.355 χ^2/NDF : 4.5/17

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: 178.590 $\pm$ 0.054 χ^2 /NDF: 1515487.4/17

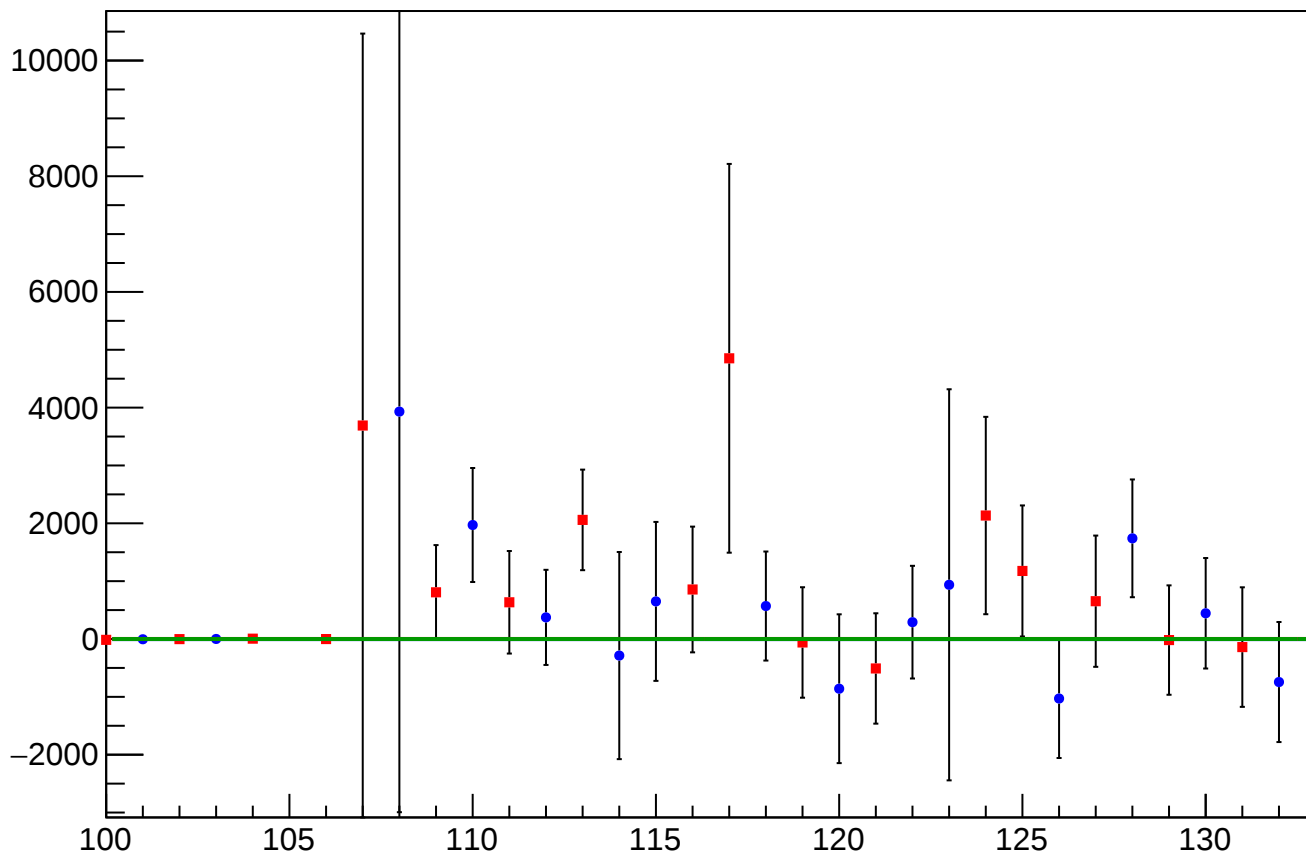
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.004 $\pm$ 0.062 χ^2 /NDF: 924526.0/14

186.056 $\pm$ 0.041 χ^2 /NDF: 2484611.8/32

178.590 $\pm$ 0.054 χ^2 /NDF: 1515487.4/17

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: 0.742+/-2.111 χ^2/NDF : 19.6/17

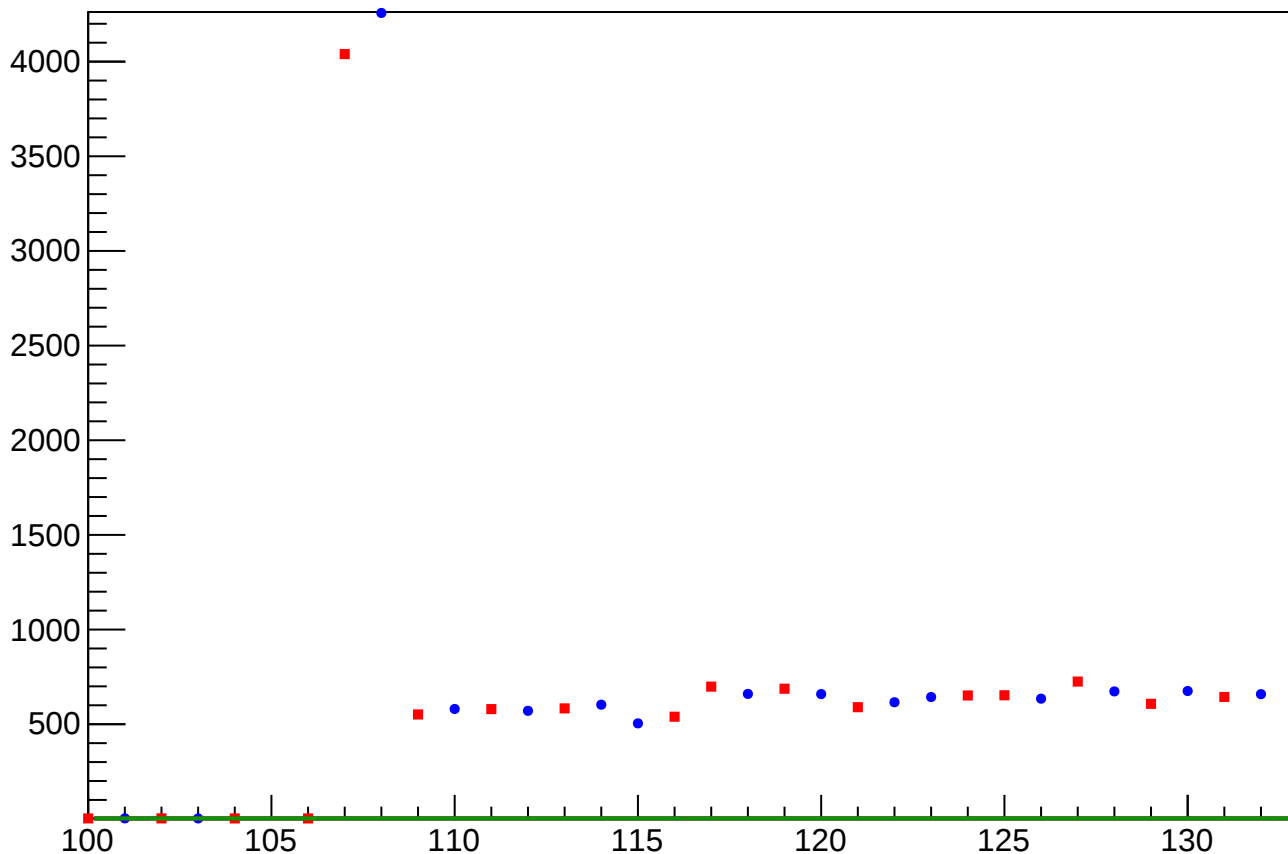
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.500+/-2.251 χ^2/NDF : 11.7/14

-0.307+/-1.540 χ^2/NDF : 31.9/32

0.742+/-2.111 χ^2/NDF : 19.6/17

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: 2.429+/-0.001 χ^2/NDF : 9935206.0/17

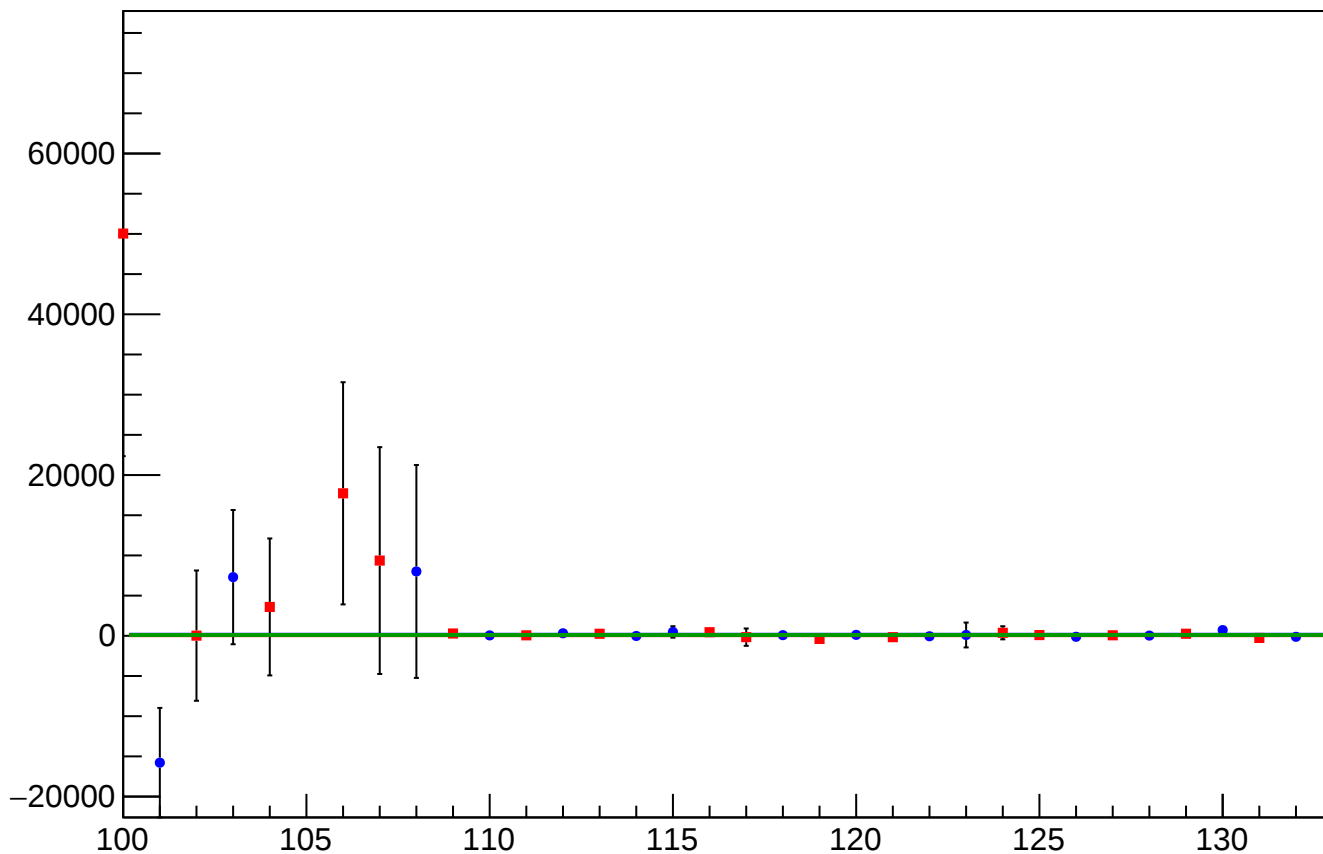
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.443+/-0.002 χ^2/NDF : 8683077.8/14

2.436+/-0.001 χ^2/NDF : 18618323.5/32

2.429+/-0.001 χ^2/NDF : 9935206.0/17

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: 82.923+/-91.294 χ^2/NDF : 12.2/17

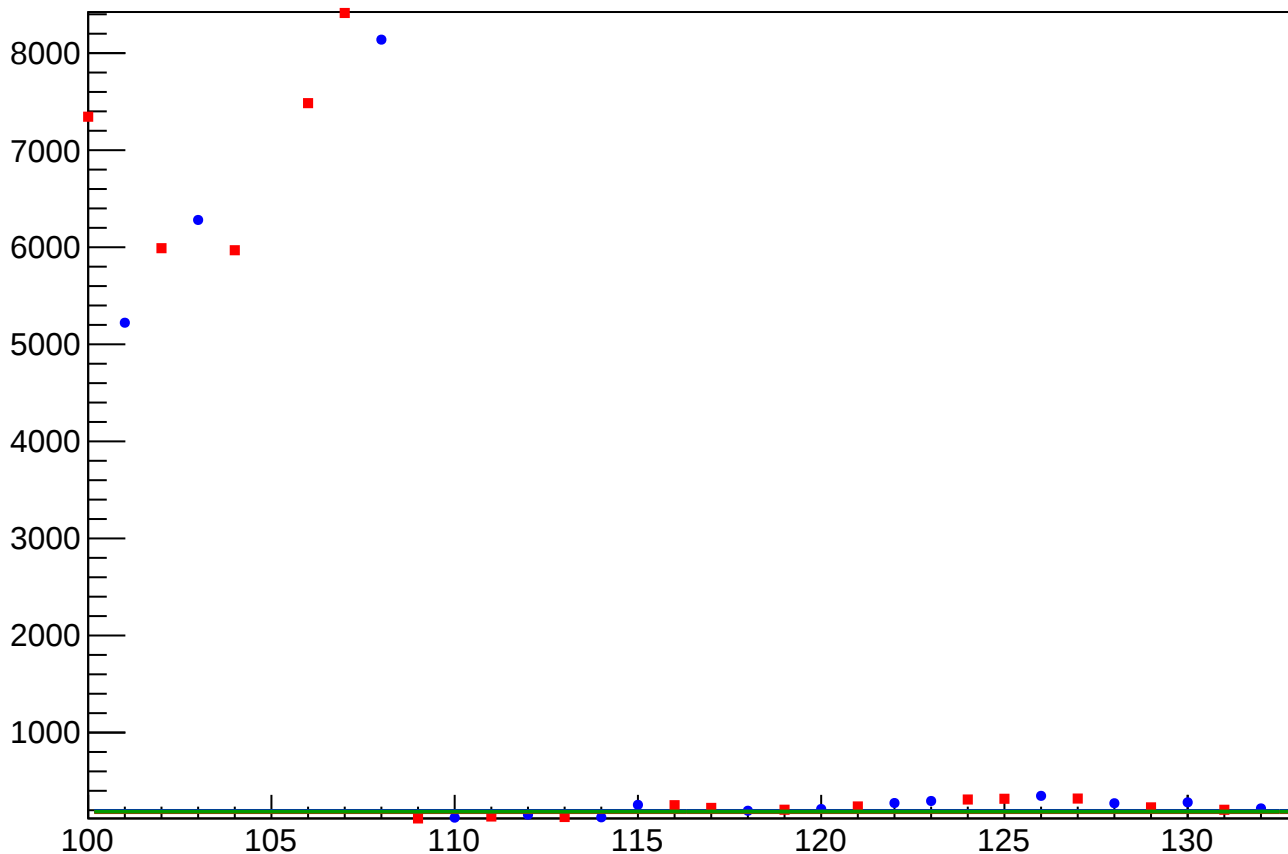
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

126.806+/-100.691 χ^2/NDF : 10.8/14

102.722+/-67.633 χ^2/NDF : 23.1/32

82.923+/-91.294 χ^2/NDF : 12.2/17

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: 181.029+/-0.065 χ^2/NDF : 4313888.1/17

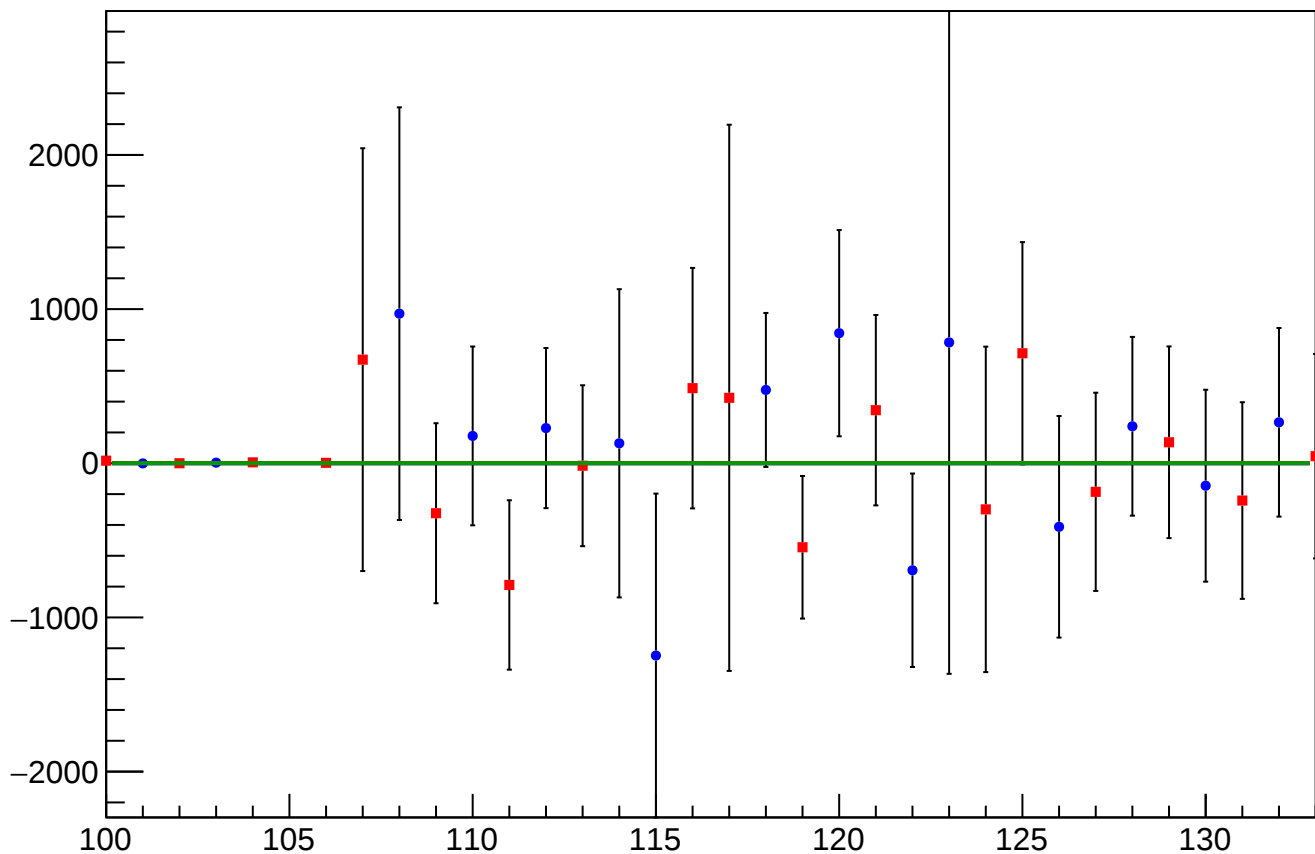
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.987+/-0.071 χ^2/NDF : 3637033.5/14

185.973+/-0.048 χ^2/NDF : 7963922.4/32

181.029+/-0.065 χ^2/NDF : 4313888.1/17

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 : 8.8/17

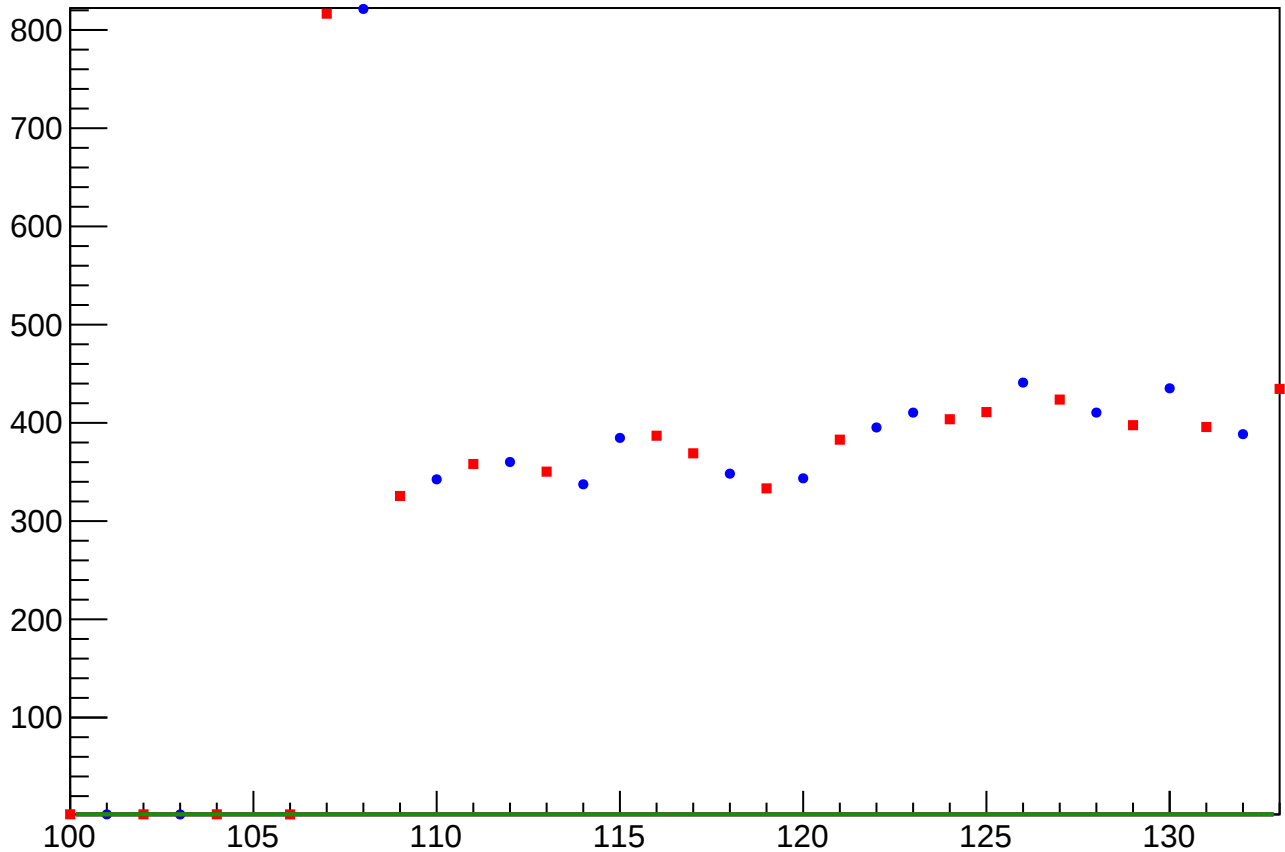
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.150+/-1.737 χ^2/NDF : 7.7/14

0.638+/-1.186 χ^2/NDF : 16.9/32

1.325+/-1.623 χ^2/NDF : 8.8/17

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: 1.447+/-0.001 χ^2/NDF : 9656986.4/17

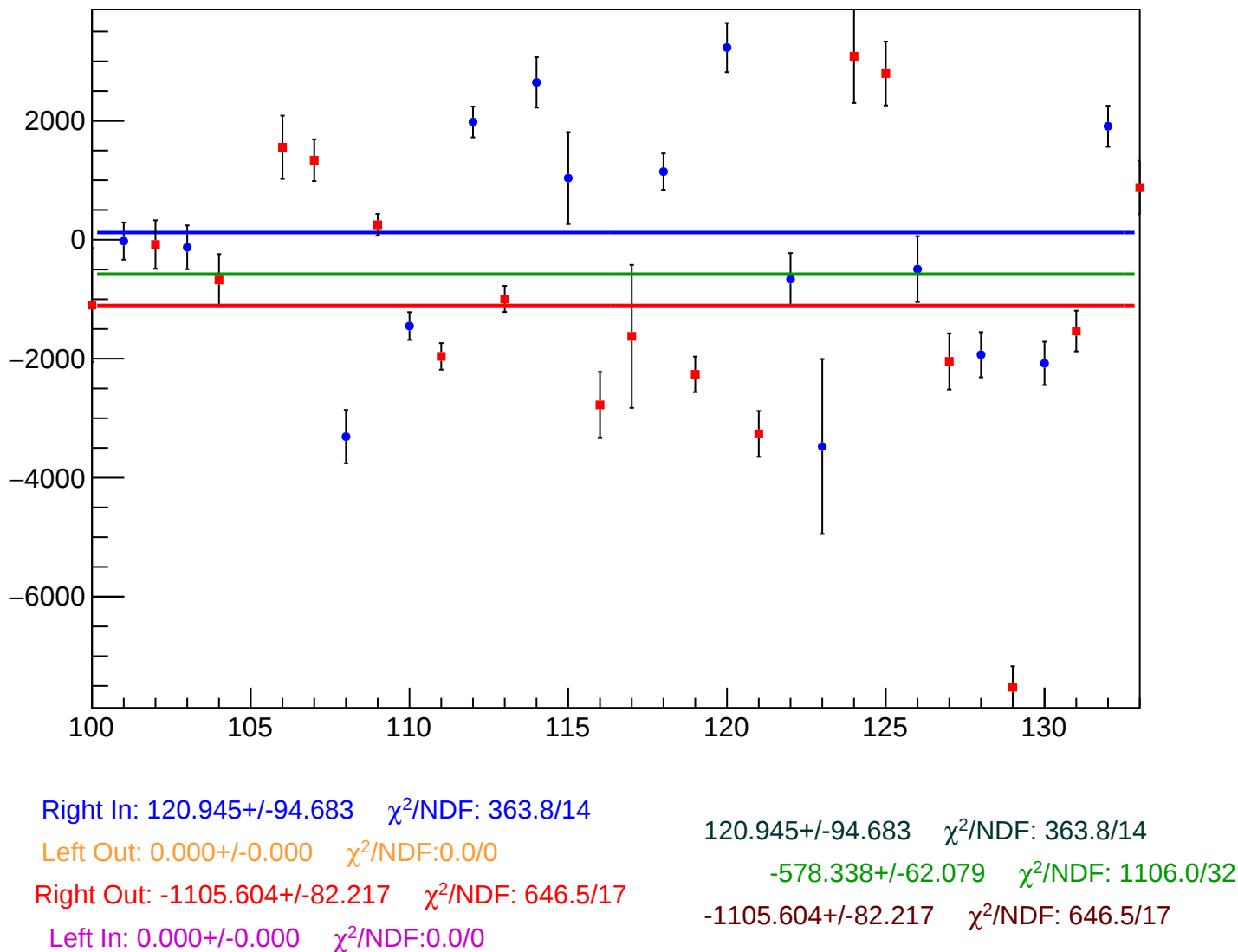
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.444+/-0.001 χ^2/NDF : 8753190.7/14

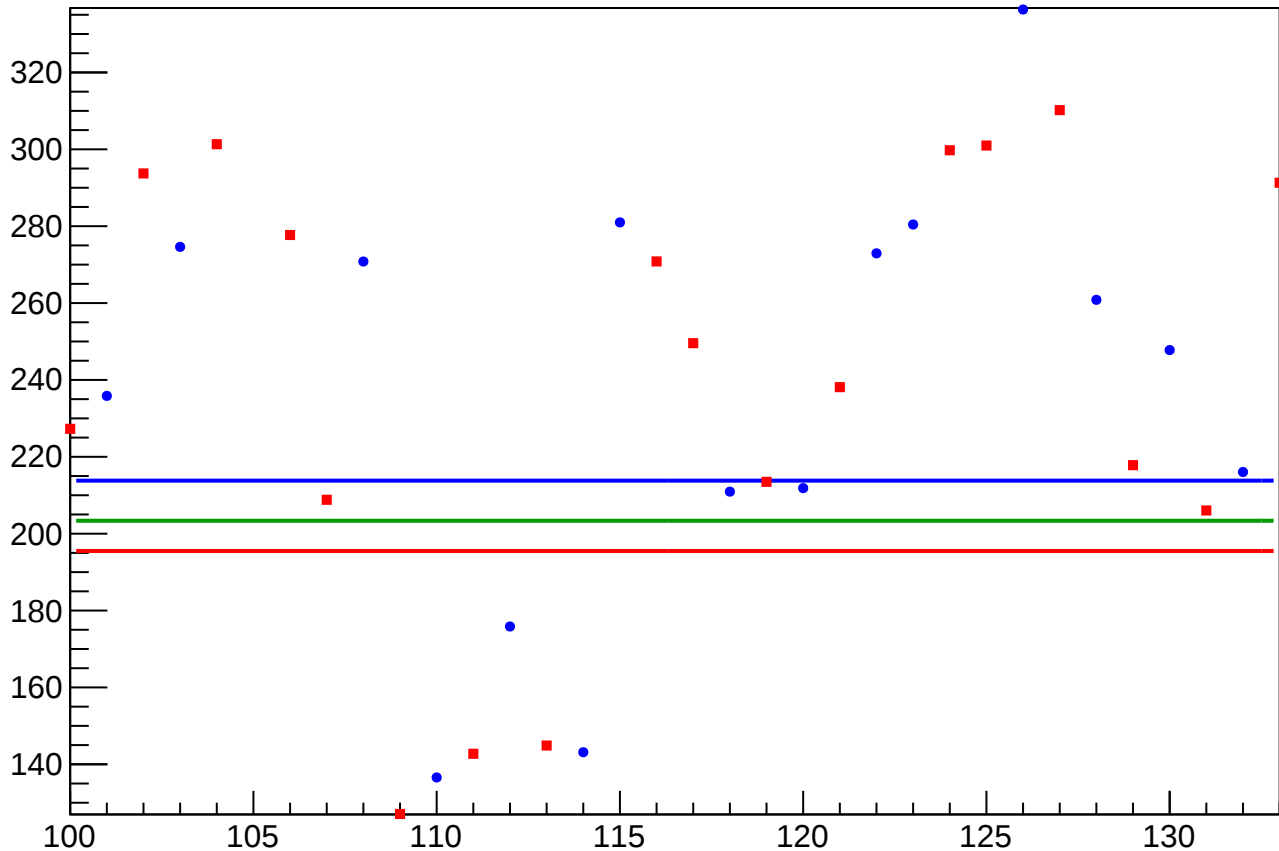
1.446+/-0.001 χ^2/NDF : 18410179.4/32

1.447+/-0.001 χ^2/NDF : 9656986.4/17

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: 195.507 $\pm$ 0.058 χ^2 /NDF: 1189518.6/17

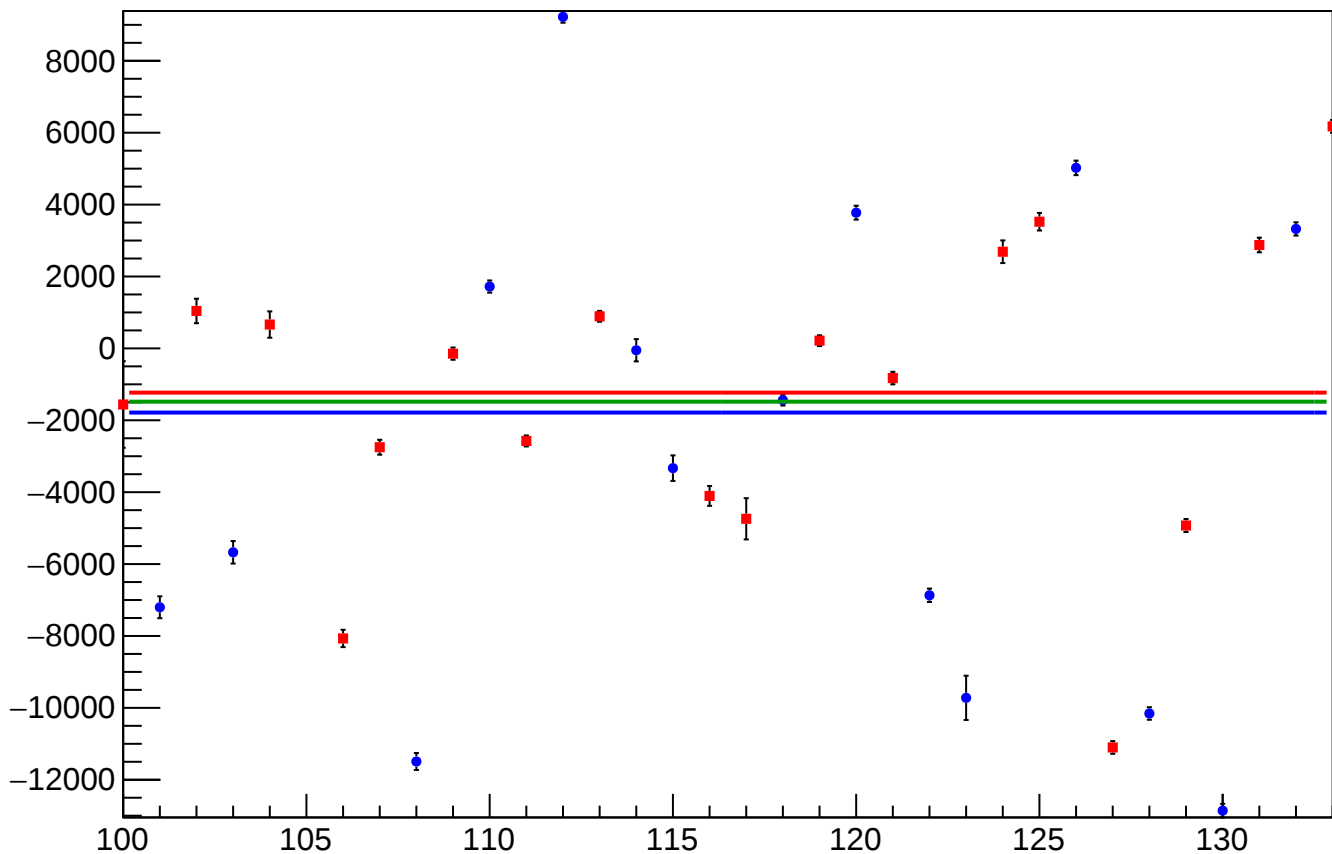
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

213.797 $\pm$ 0.067 χ^2 /NDF: 615456.3/14

203.370 $\pm$ 0.044 χ^2 /NDF: 1847525.5/32

195.507 $\pm$ 0.058 χ^2 /NDF: 1189518.6/17

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: -1230.372+/-49.017 χ^2 /NDF: 7694.2/17

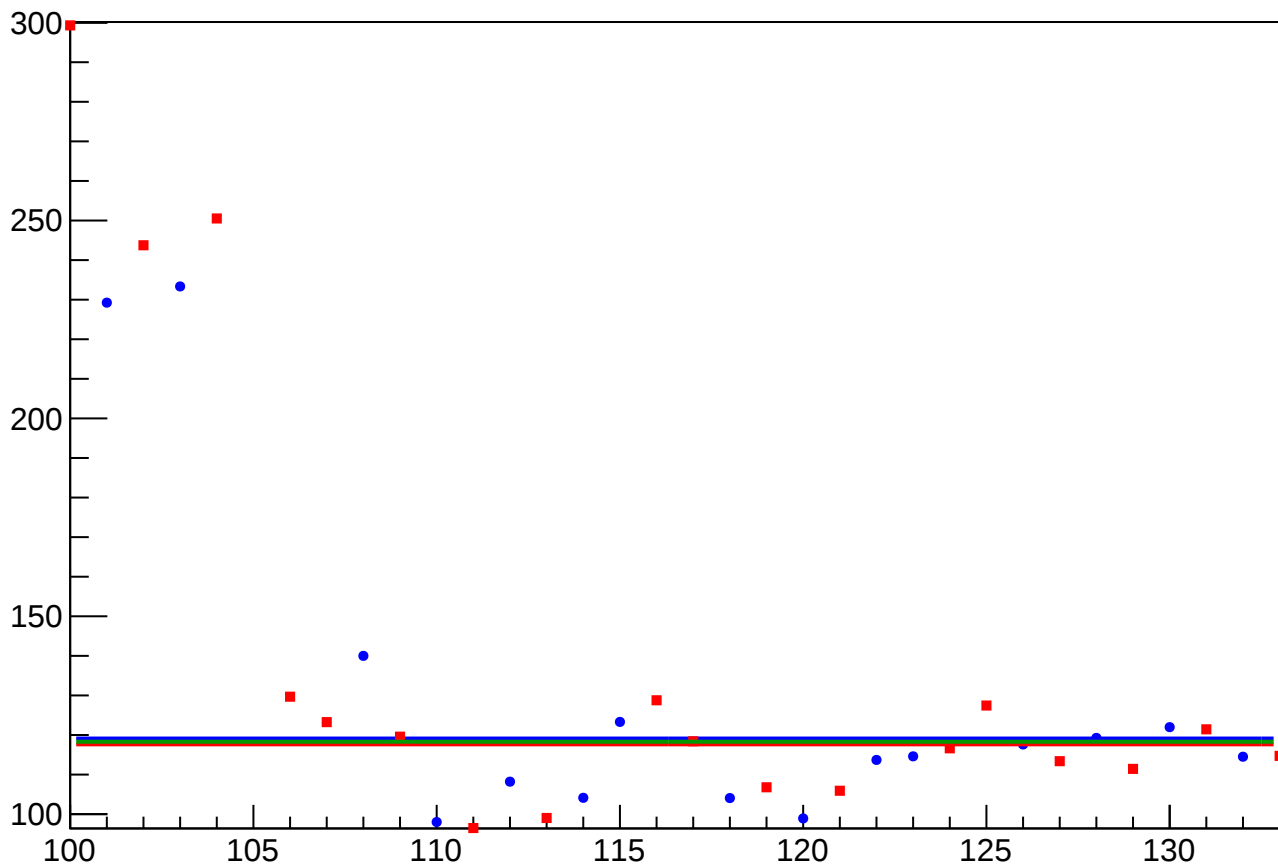
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1784.961+/-53.686 χ^2 /NDF: 16564.8/14

-1482.504+/-36.198 χ^2 /NDF: 24317.2/32

-1230.372+/-49.017 χ^2 /NDF: 7694.2/17

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: 117.642 $\pm$ 0.035 χ^2 /NDF: 687693.3/17

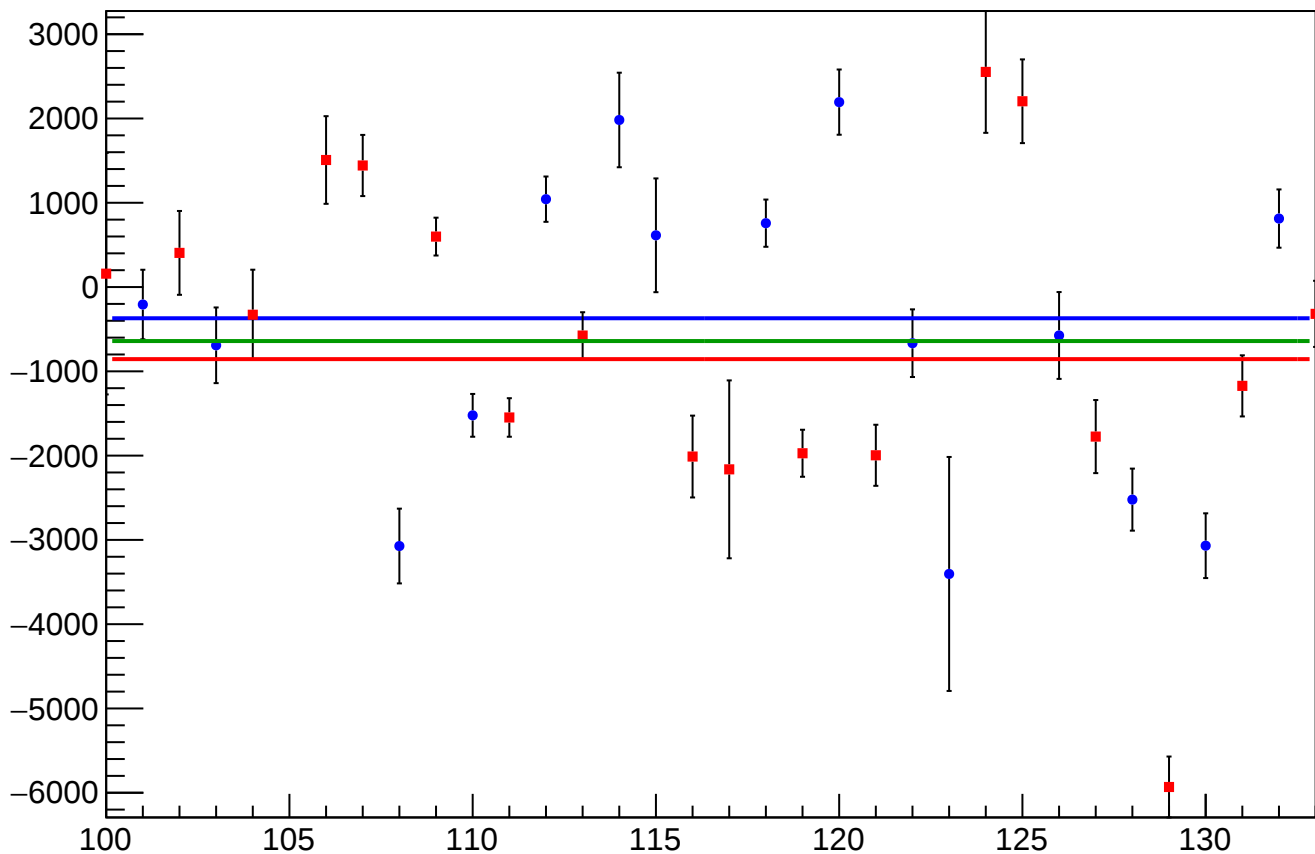
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.108 $\pm$ 0.038 χ^2 /NDF: 634300.6/14

118.309 $\pm$ 0.026 χ^2 /NDF: 1322807.7/32

117.642 $\pm$ 0.035 χ^2 /NDF: 687693.3/17

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: -855.155+/-87.704 χ^2/NDF : 418.5/17

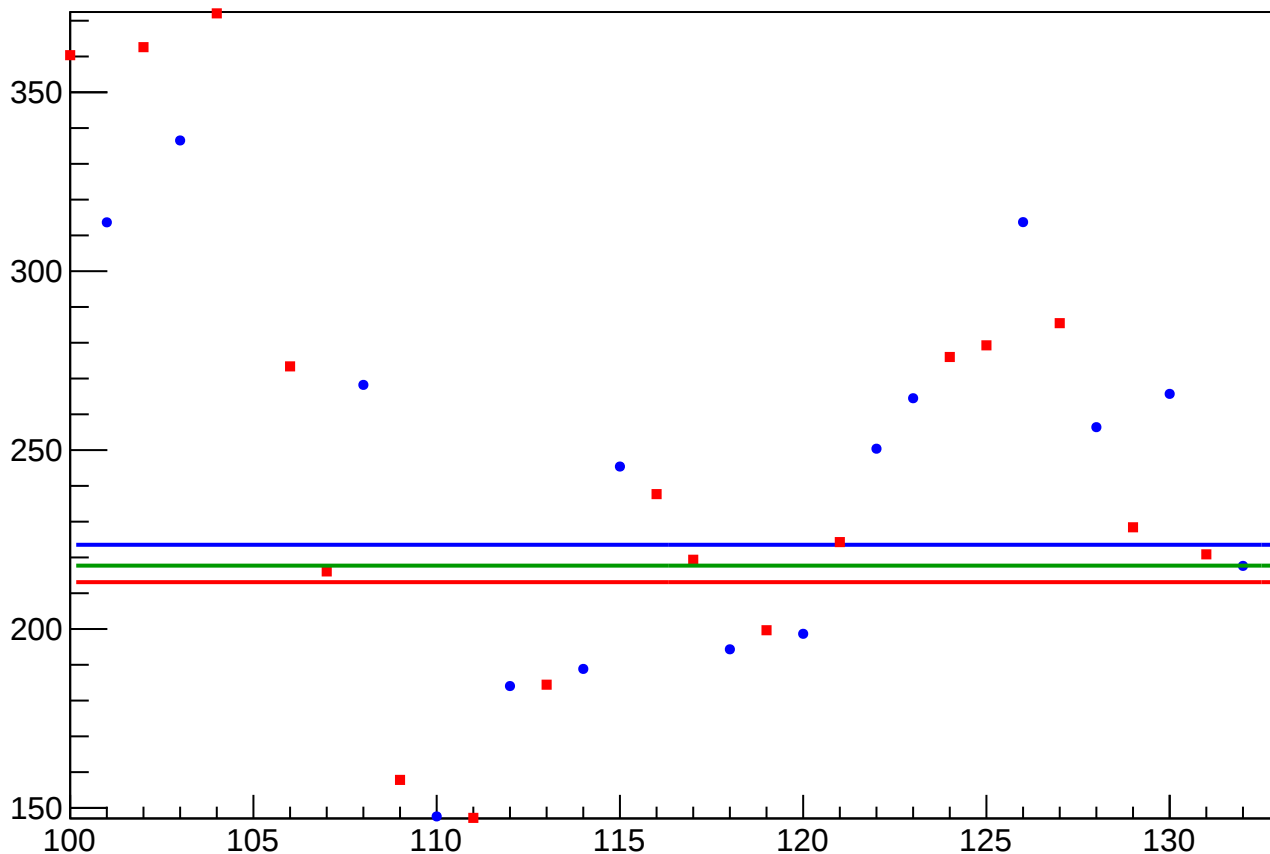
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-370.304+/-98.503 χ^2/NDF : 266.5/14

-640.754+/-65.503 χ^2/NDF : 698.6/32

-855.155+/-87.704 χ^2/NDF : 418.5/17

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: 213.095+/-0.062 χ^2/NDF : 861060.4/17

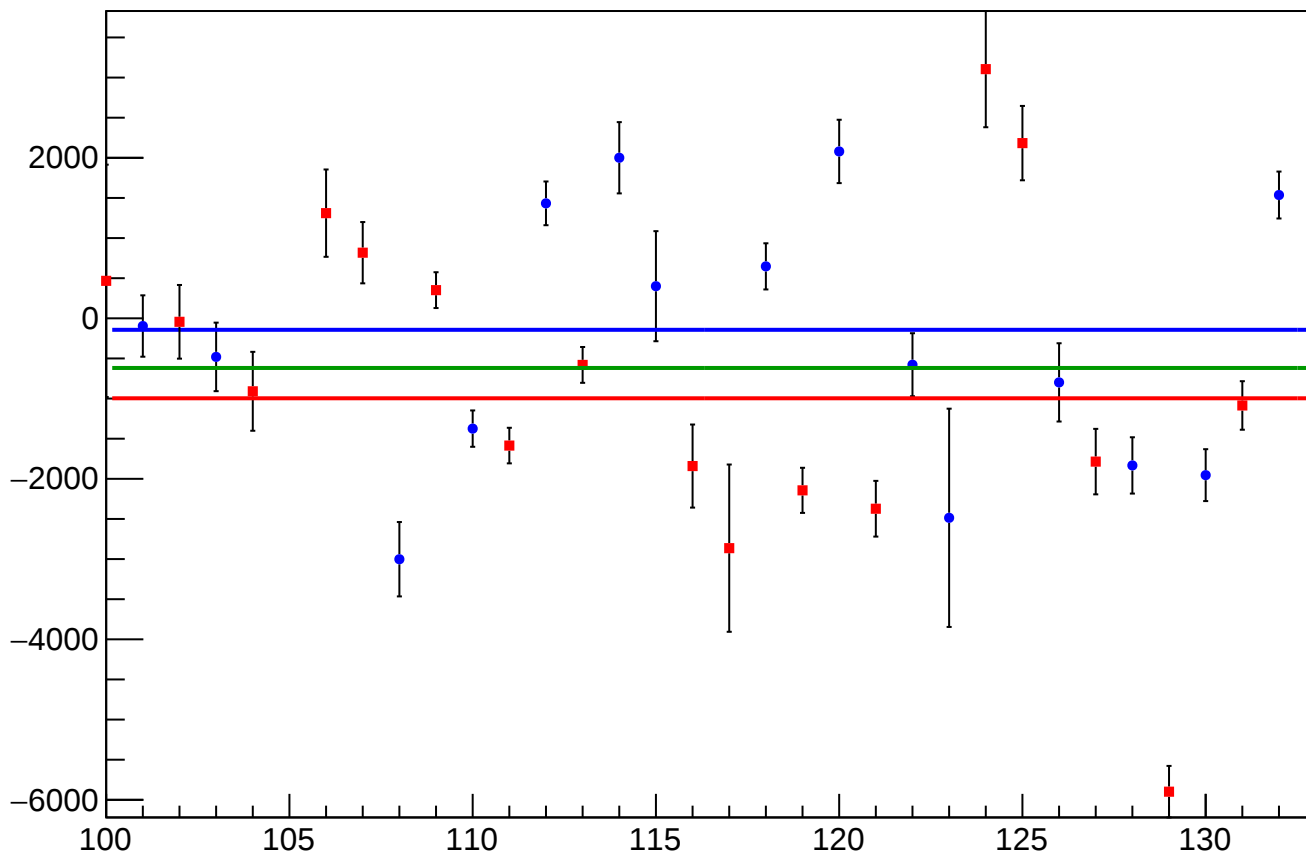
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

223.539+/-0.070 χ^2/NDF : 616630.4/14

217.713+/-0.046 χ^2/NDF : 1490232.6/32

213.095+/-0.062 χ^2/NDF : 861060.4/17

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: -996.461+/-82.676 χ^2/NDF : 467.3/17

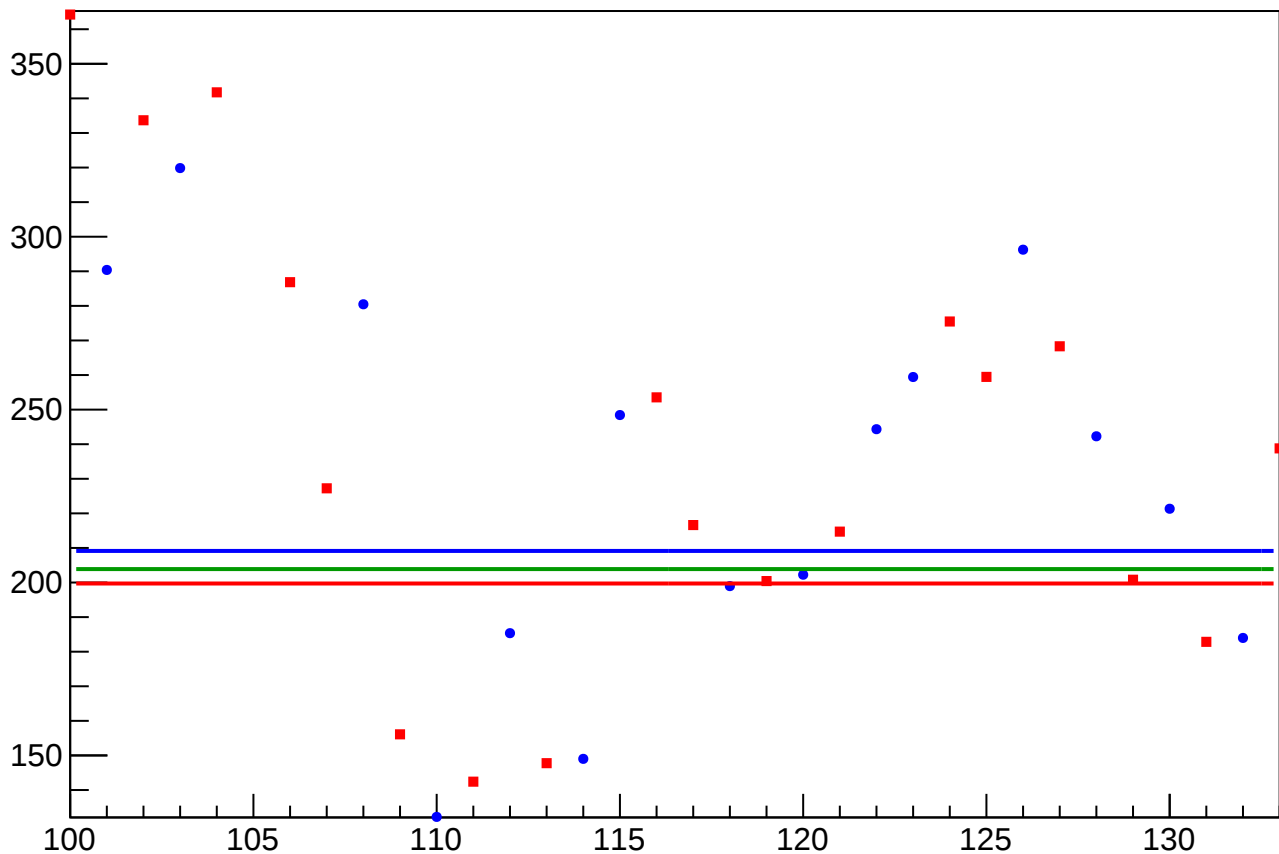
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-143.143+/-92.737 χ^2/NDF : 258.5/14

-618.584+/-61.713 χ^2/NDF : 773.0/32

-996.461+/-82.676 χ^2/NDF : 467.3/17

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: 199.717+/-0.058 χ^2/NDF : 909410.4/17

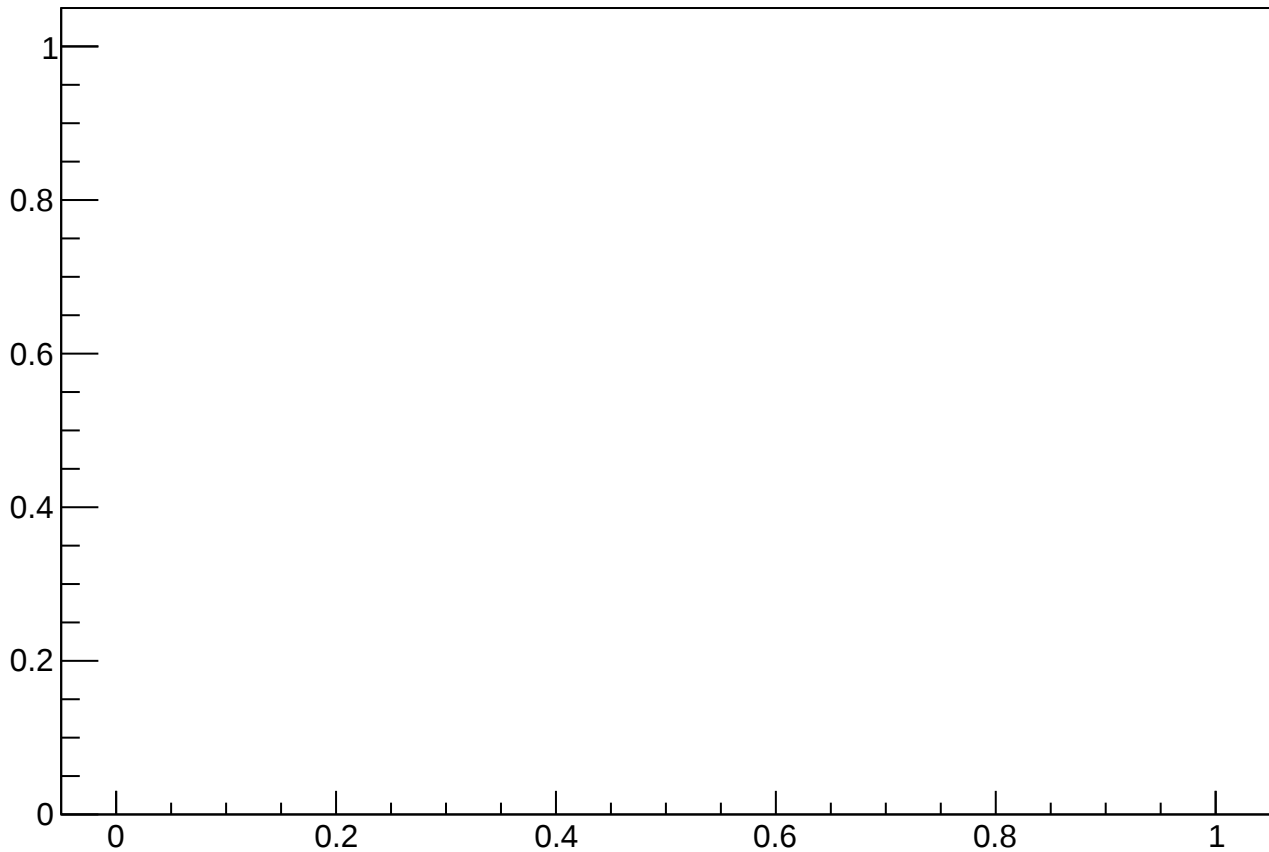
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

209.137+/-0.066 χ^2/NDF : 682569.3/14

203.889+/-0.044 χ^2/NDF : 1603475.6/32

199.717+/-0.058 χ^2/NDF : 909410.4/17

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

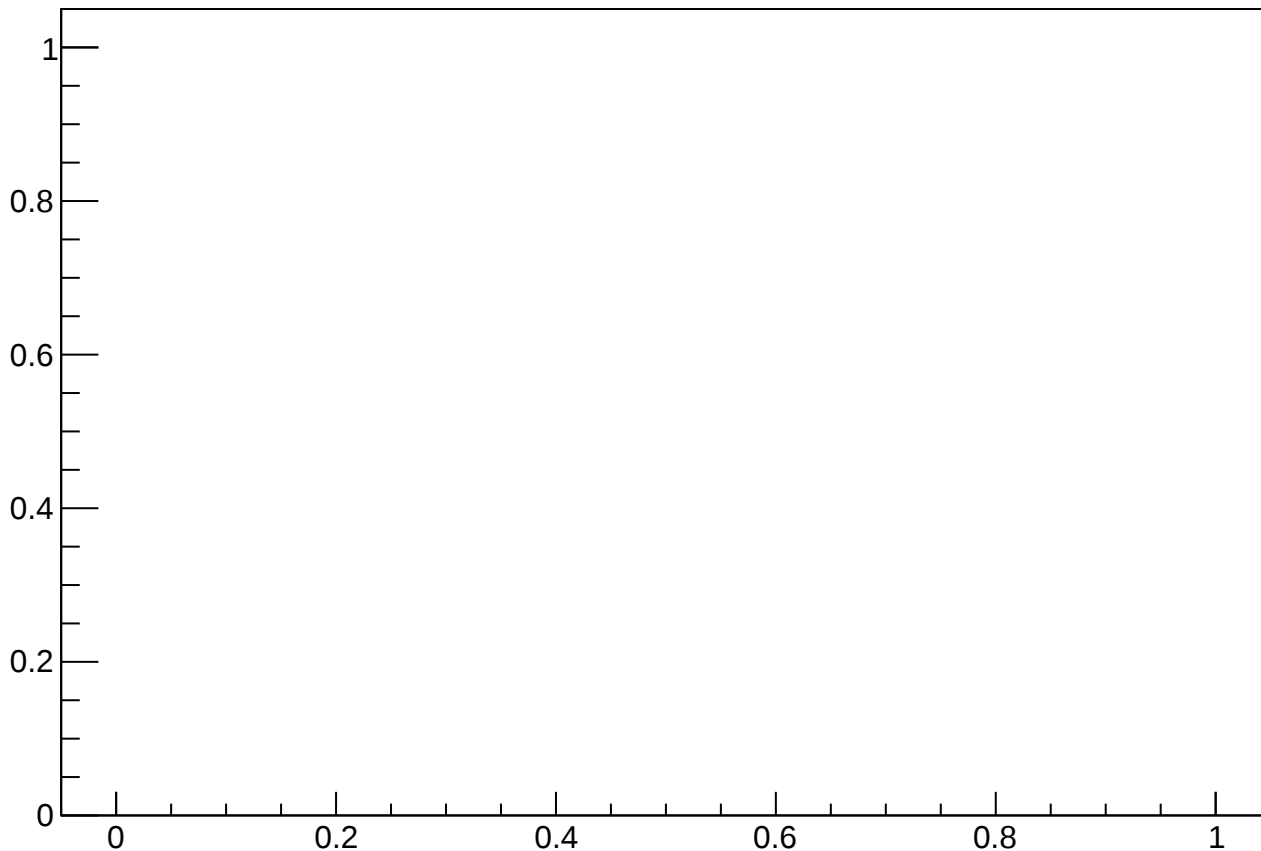
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

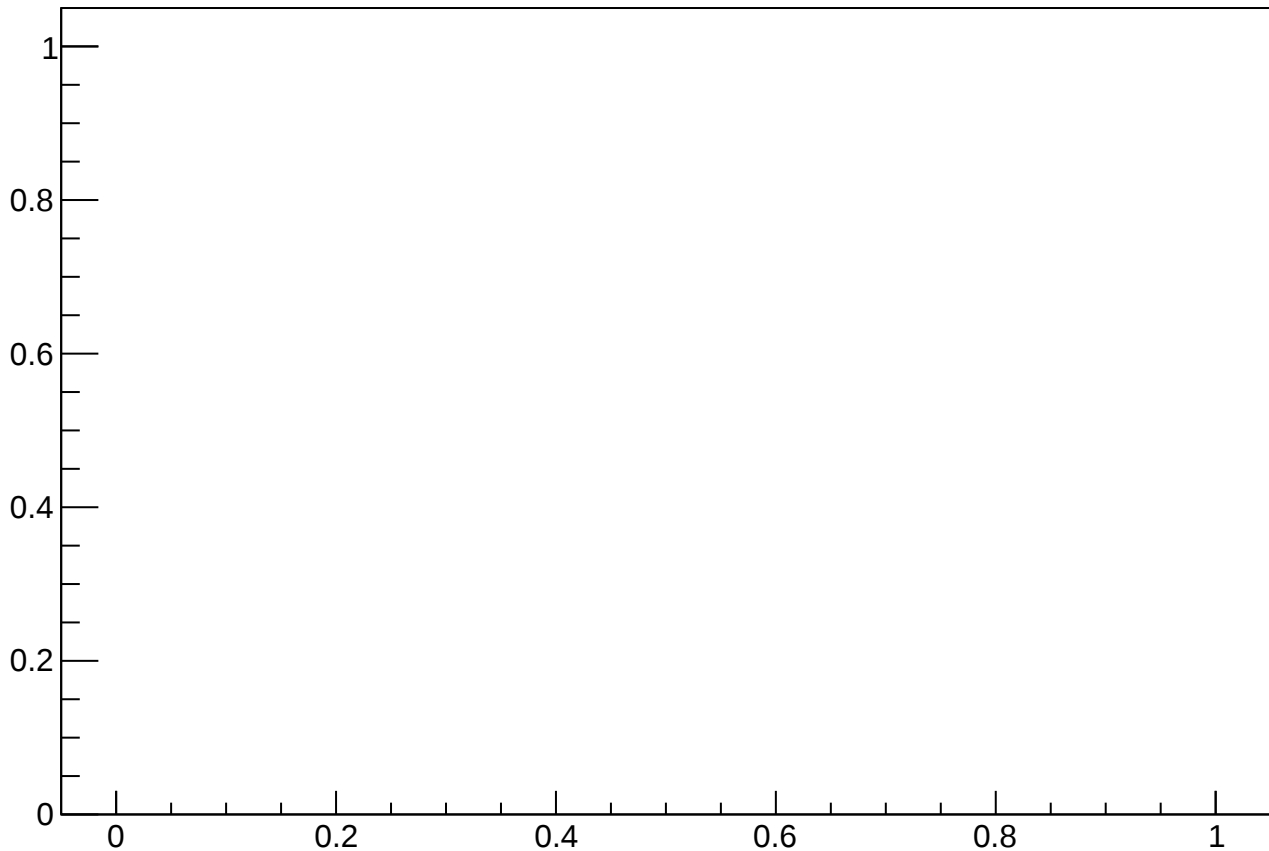
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-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

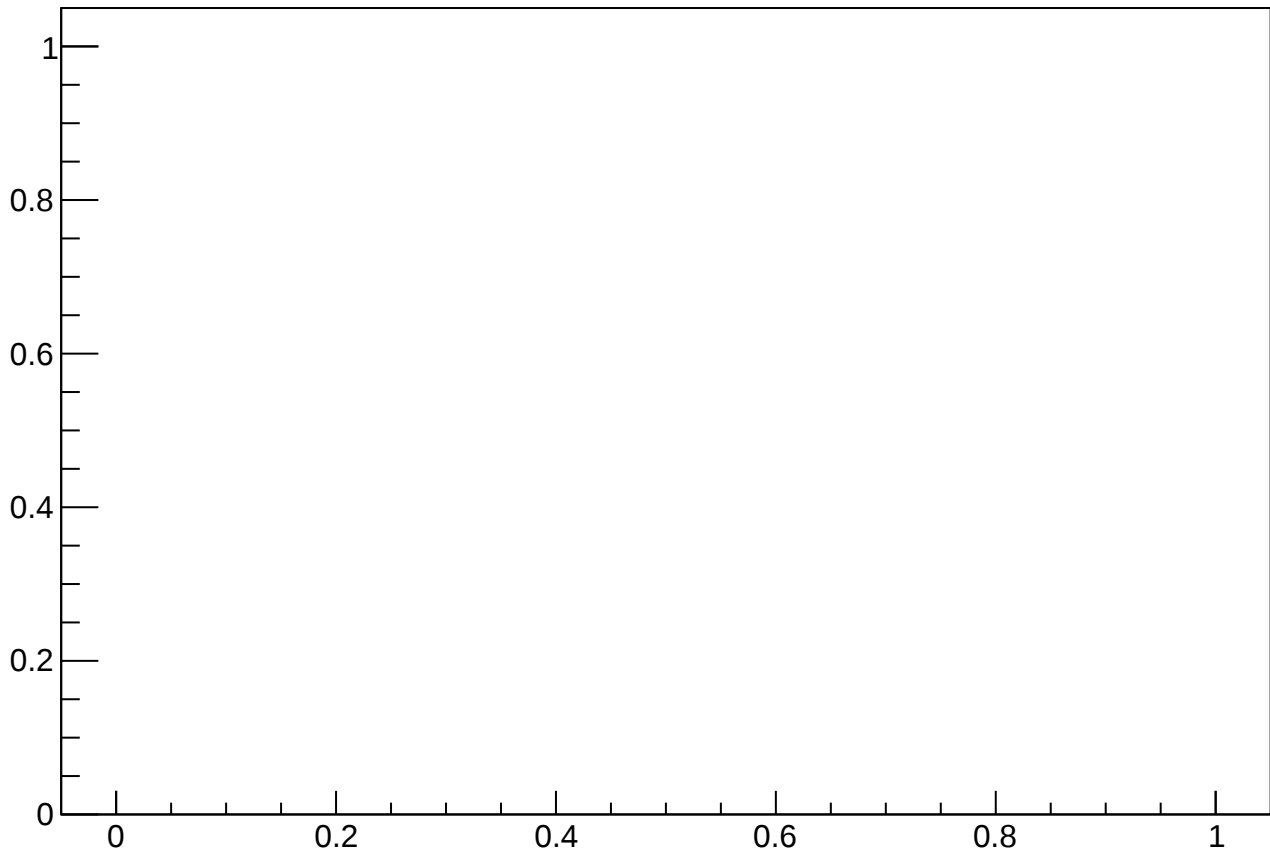
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

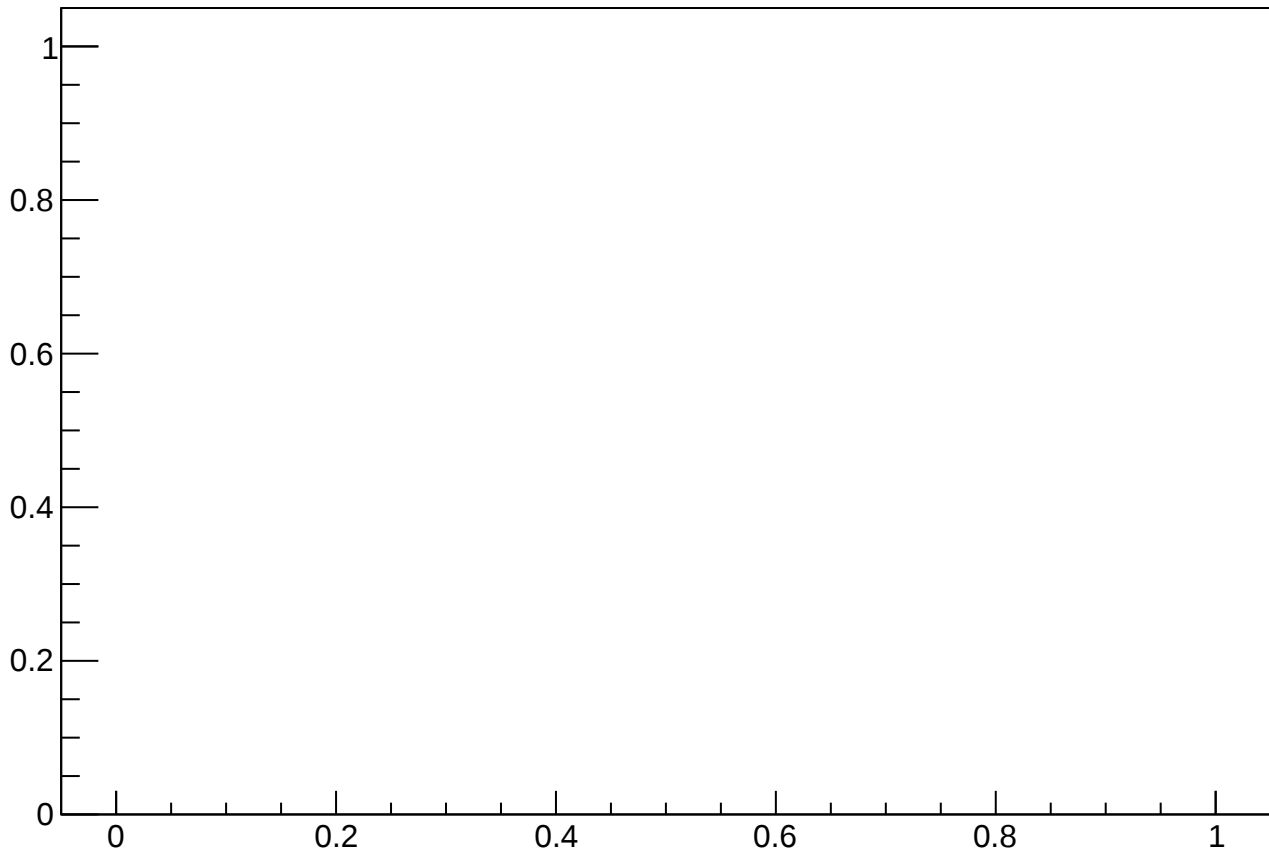
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

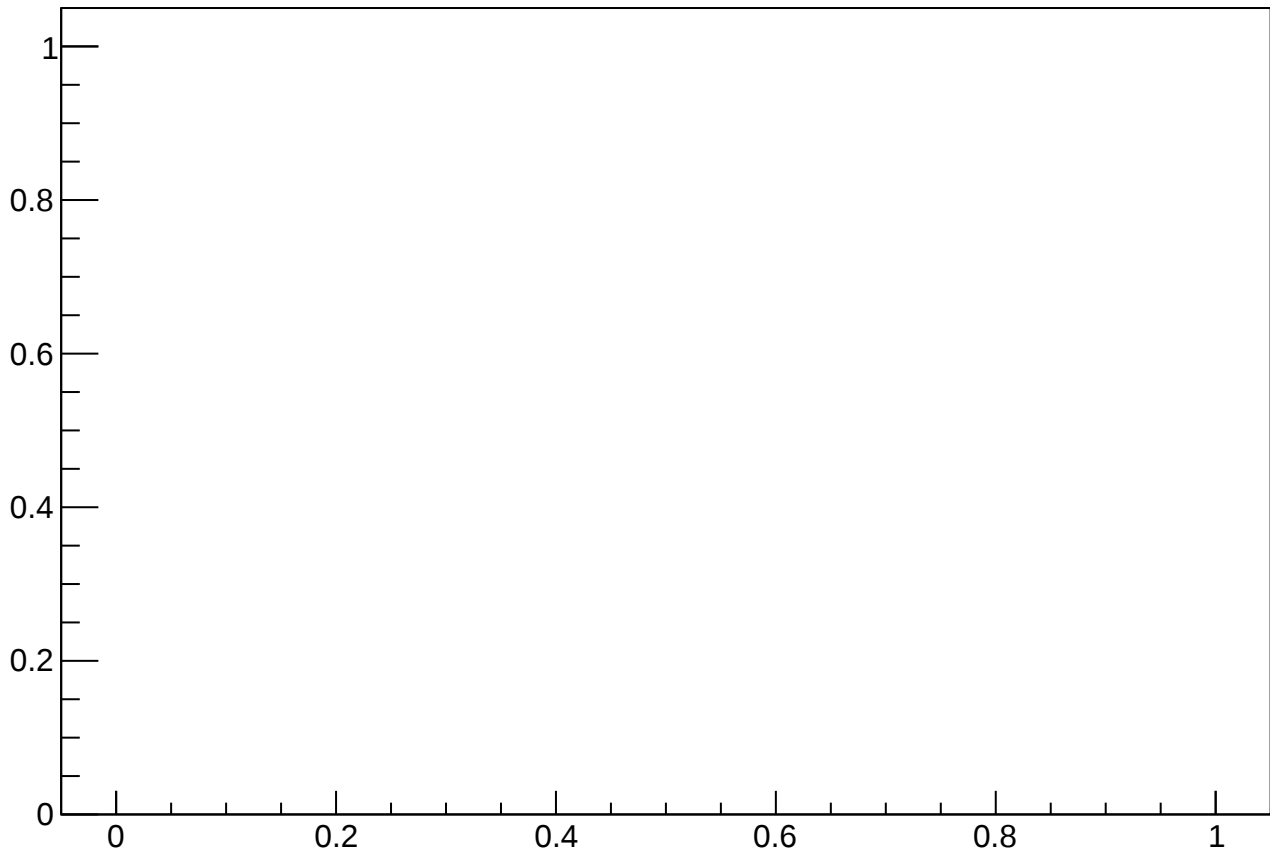
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

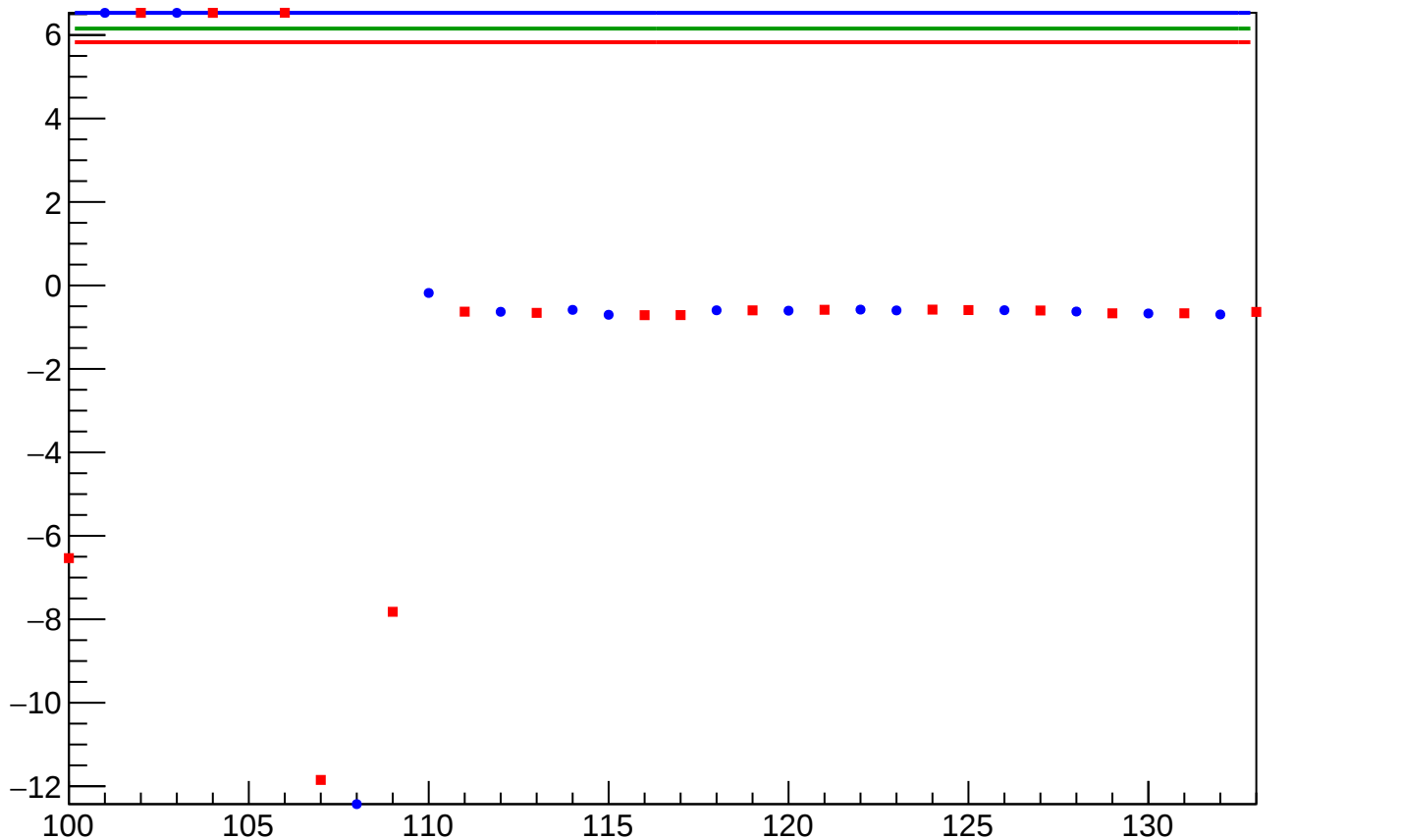
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 755947722808395.2/17

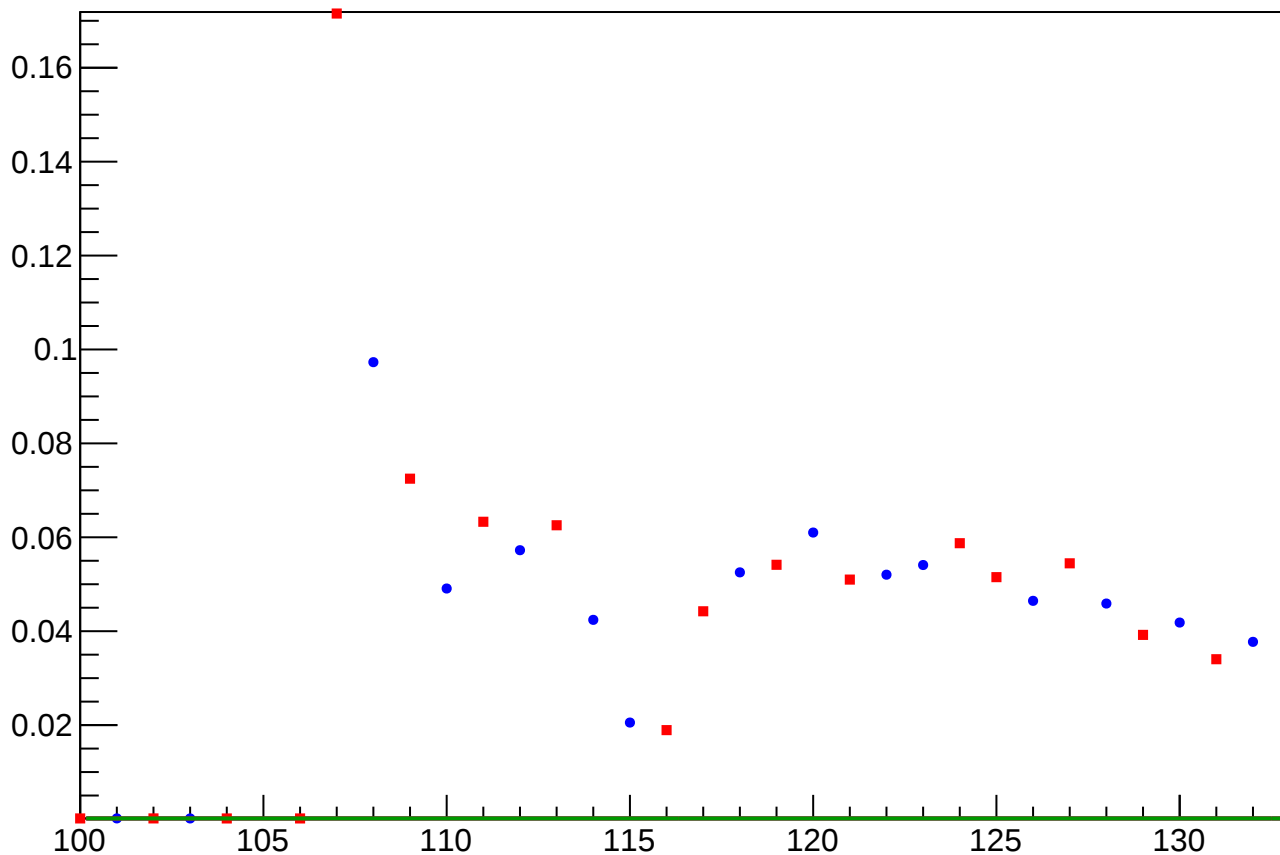
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 97243967504.4/14

6.155 $\pm$ 0.000 χ^2 /NDF: 77605055640902

5.827 $\pm$ 0.000 χ^2 /NDF: 755947722808395.2/17

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 : 8416714.9/17

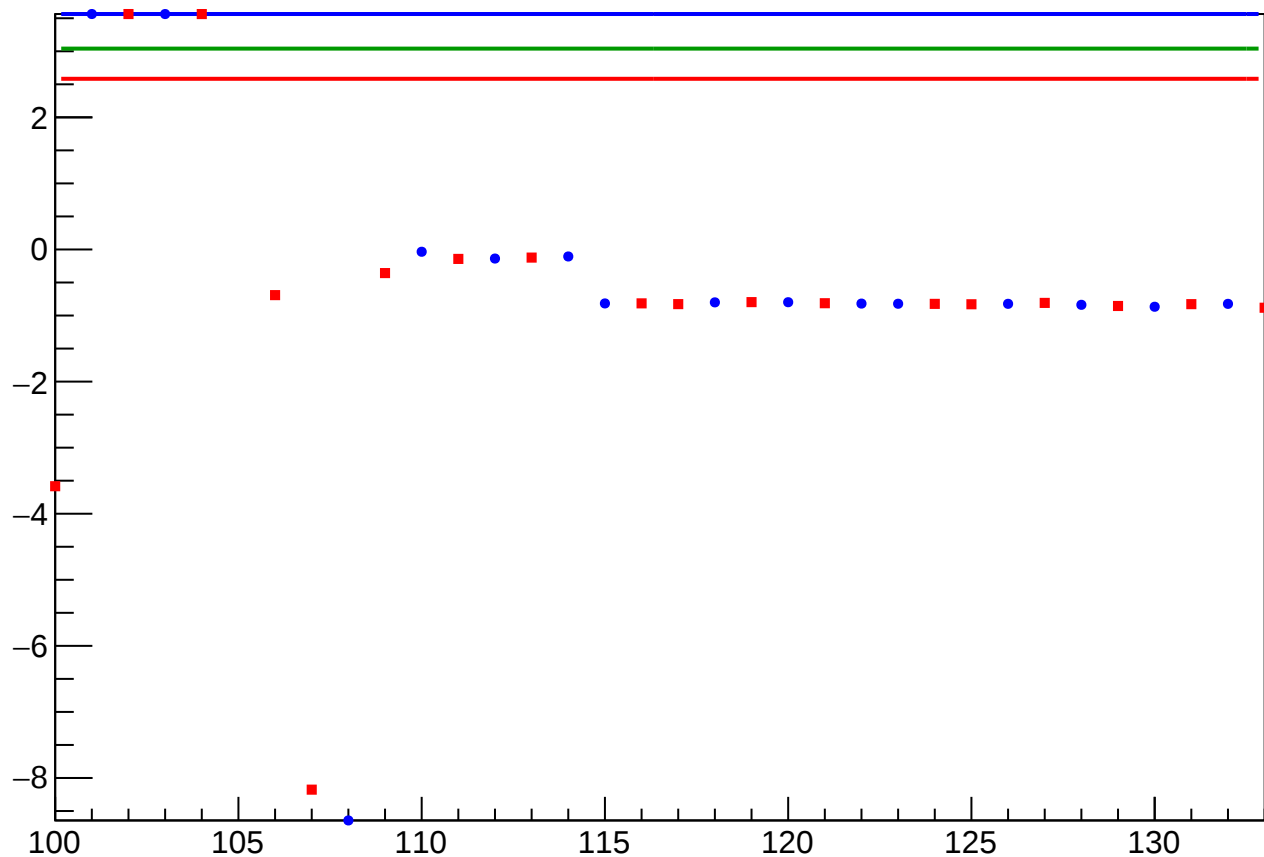
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7412693.7/14

0.000+/-0.000 χ^2/NDF : 15829620.9/32

0.000+/-0.000 χ^2/NDF : 8416714.9/17

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: 2.583+/-0.000 χ^2/NDF : 1253434835518325.5/17

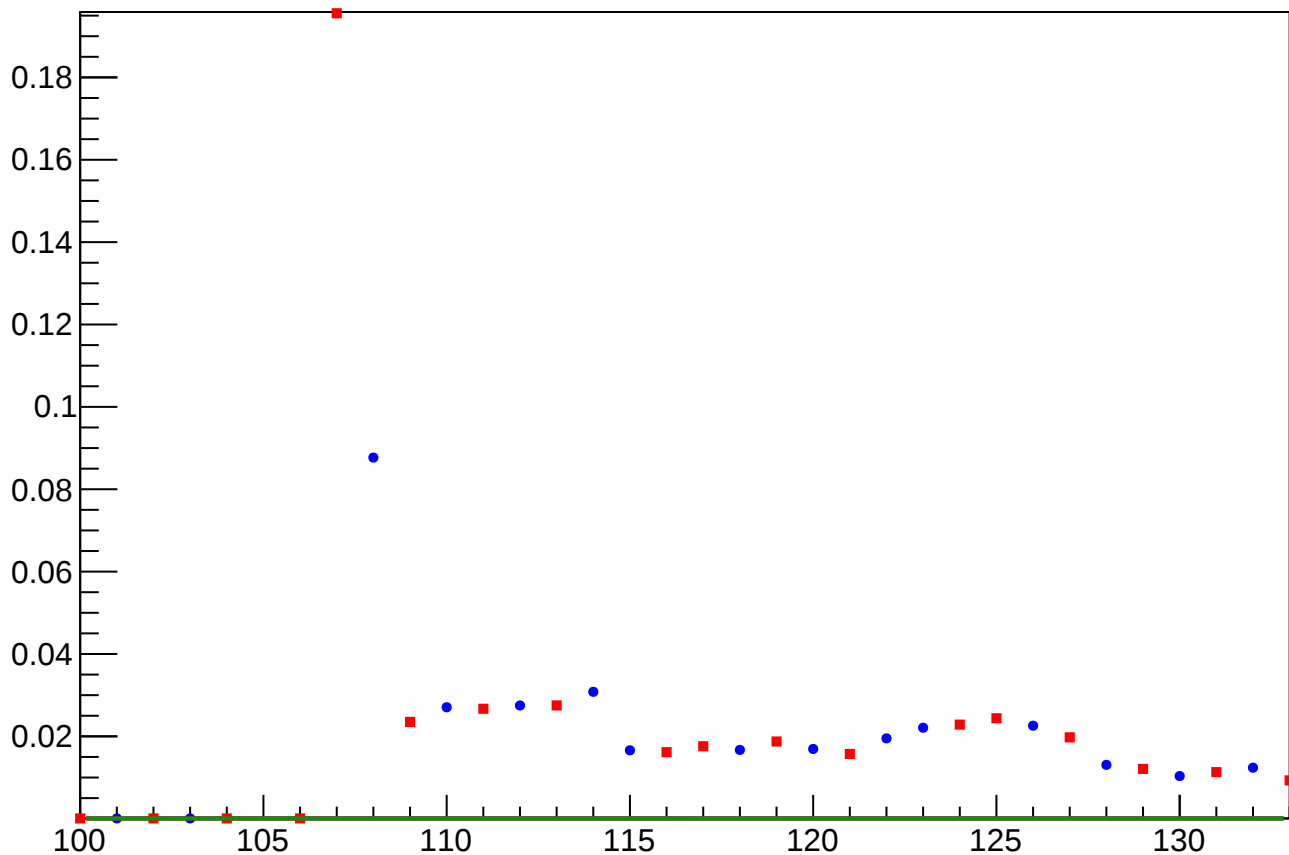
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 296939080259.9/14

3.040+/-0.000 χ^2/NDF : 13820247835543

2.583+/-0.000 χ^2/NDF : 1253434835518325.5/17

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 : 8865650.1/17

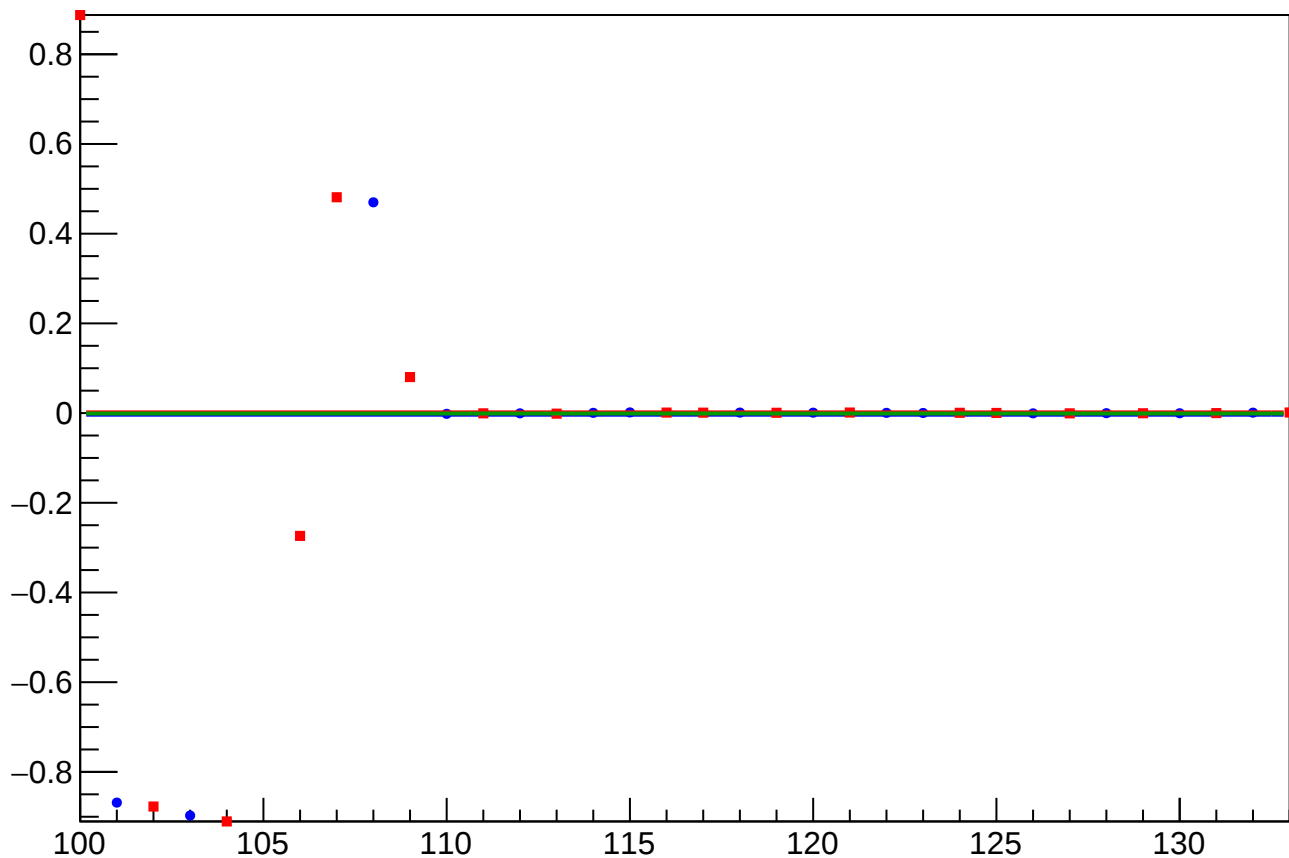
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8028119.7/14

0.000+/-0.000 χ^2/NDF : 16893958.8/32

0.000+/-0.000 χ^2/NDF : 8865650.1/17

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 : 3040516222.2/17

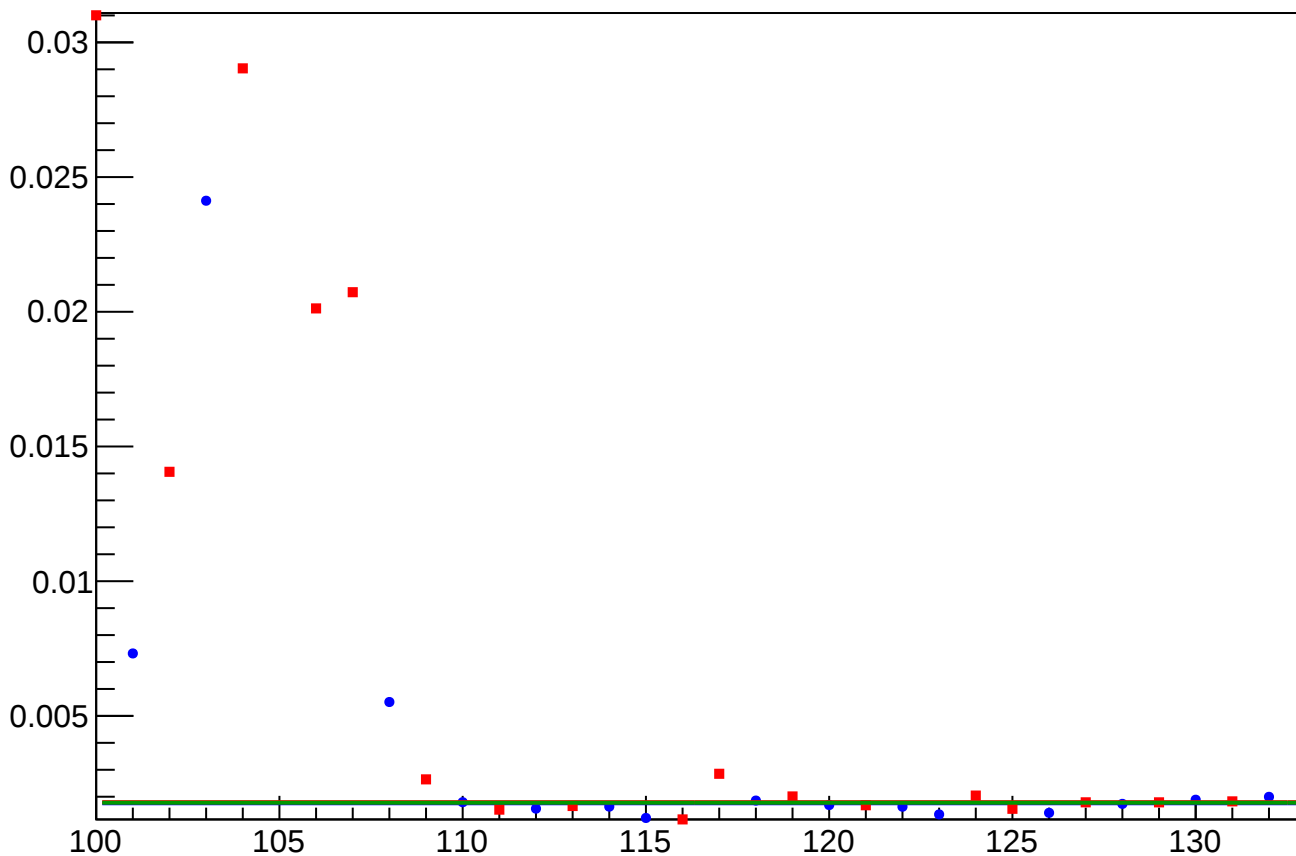
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.004+/-0.000 χ^2/NDF : 9788158788.4/14

-0.001+/-0.000 χ^2/NDF : 12845195729.7/3

0.002+/-0.000 χ^2/NDF : 3040516222.2/17

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 : 2920522.0/17

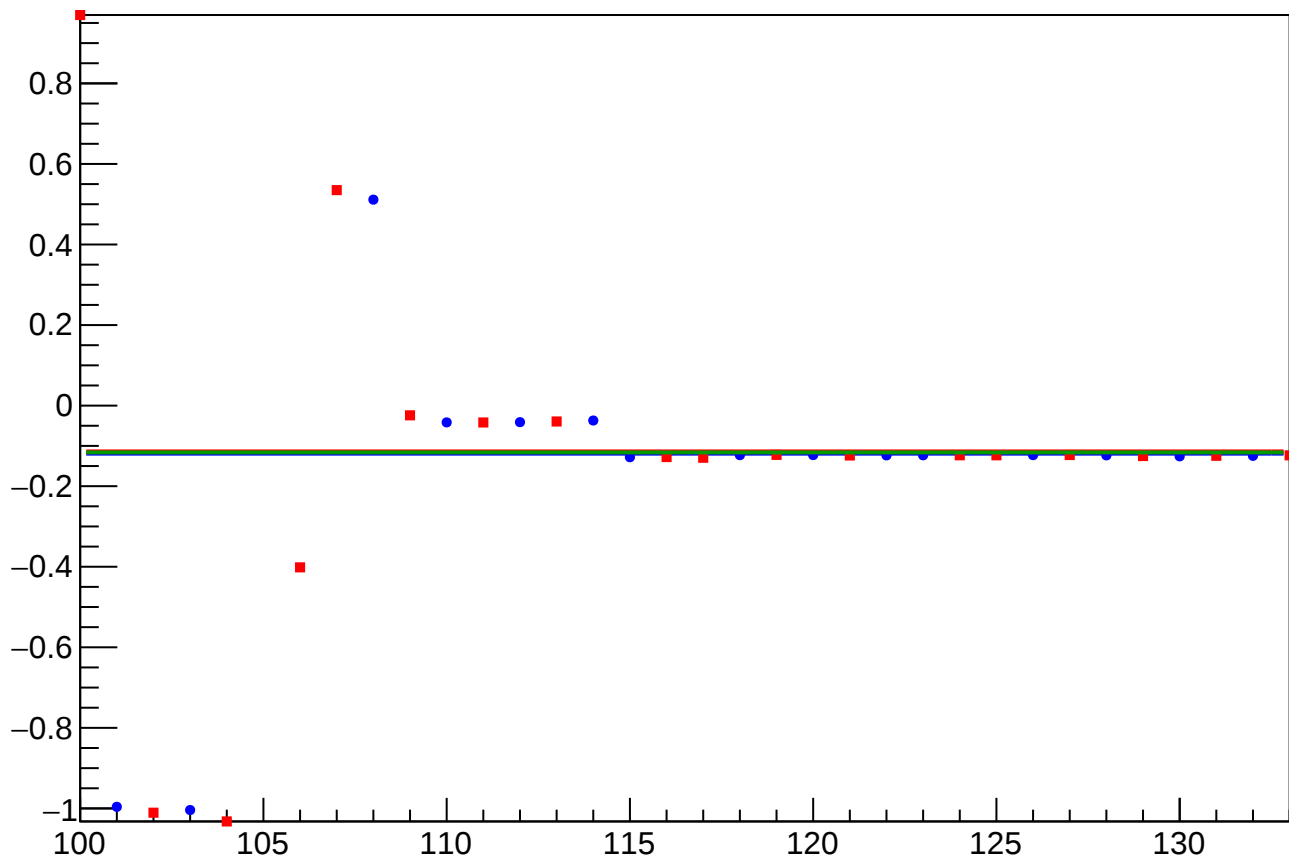
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1764344.1/14

0.002+/-0.000 χ^2/NDF : 4686964.2/32

0.002+/-0.000 χ^2/NDF : 2920522.0/17

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: -0.114+/-0.000 χ^2/NDF : 2431697299.8/17

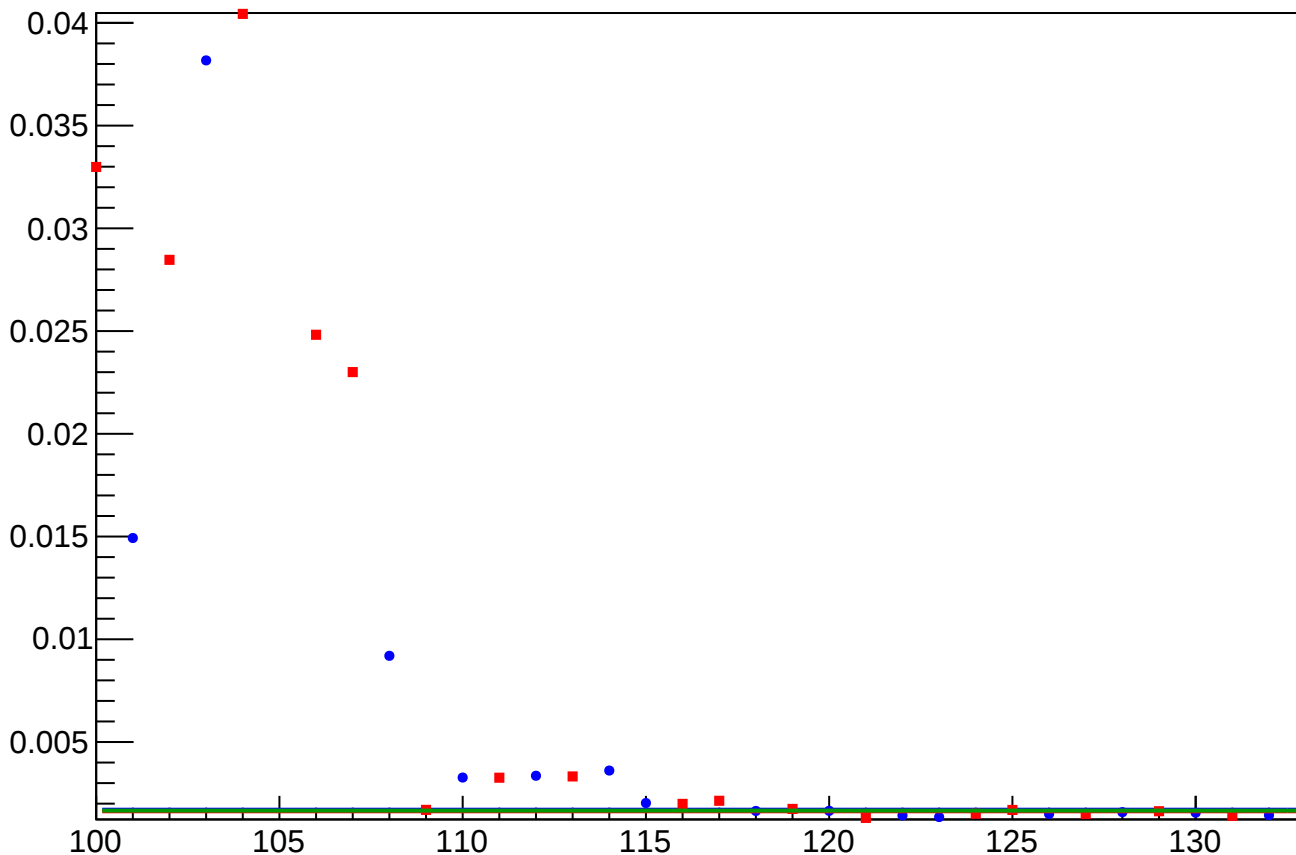
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.119+/-0.000 χ^2/NDF : 3926025645.3/14

-0.116+/-0.000 χ^2/NDF : 6378764872.3/32

-0.114+/-0.000 χ^2/NDF : 2431697299.8/17

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 : 3431643.3/17

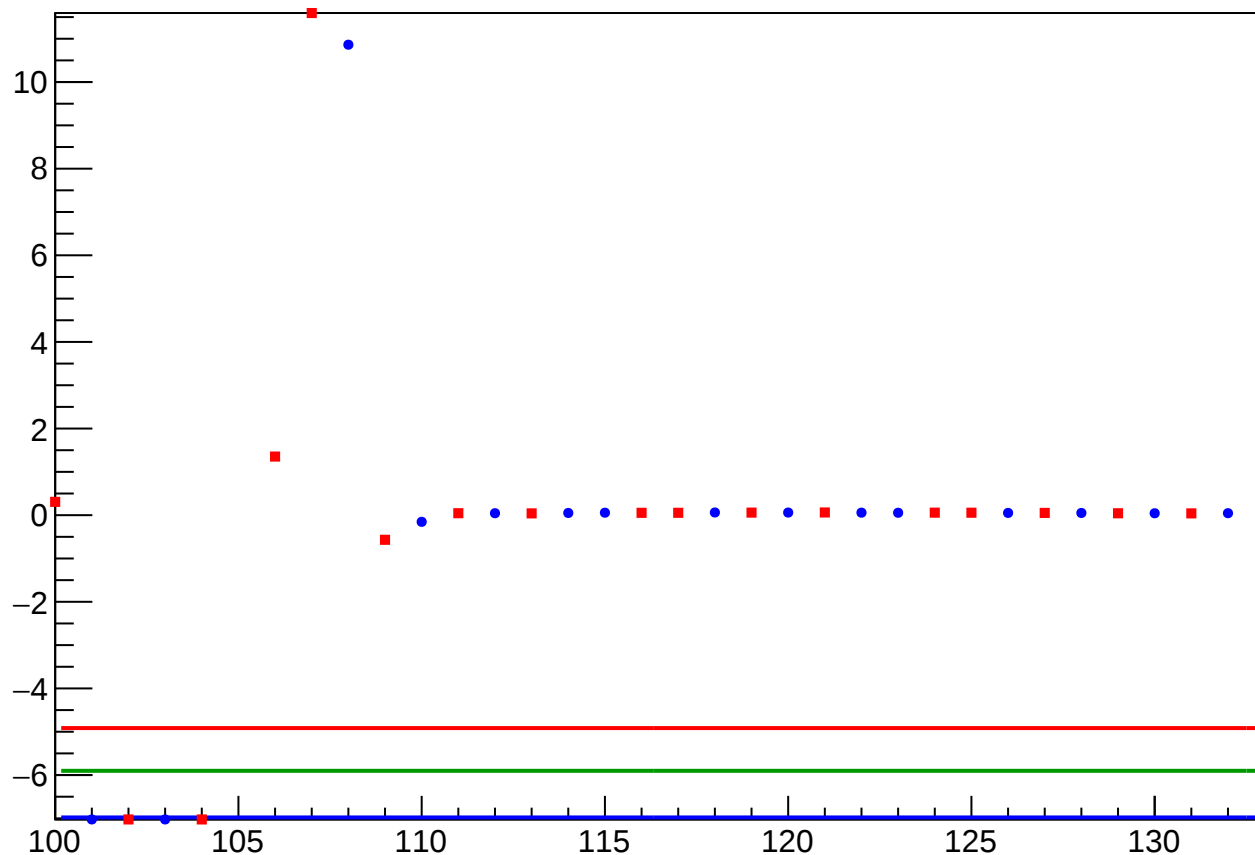
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2707067.4/14

0.002+/-0.000 χ^2/NDF : 6147276.6/32

0.002+/-0.000 χ^2/NDF : 3431643.3/17

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: -4.915+/-0.000 χ^2 /NDF: 365126881249778.9/17

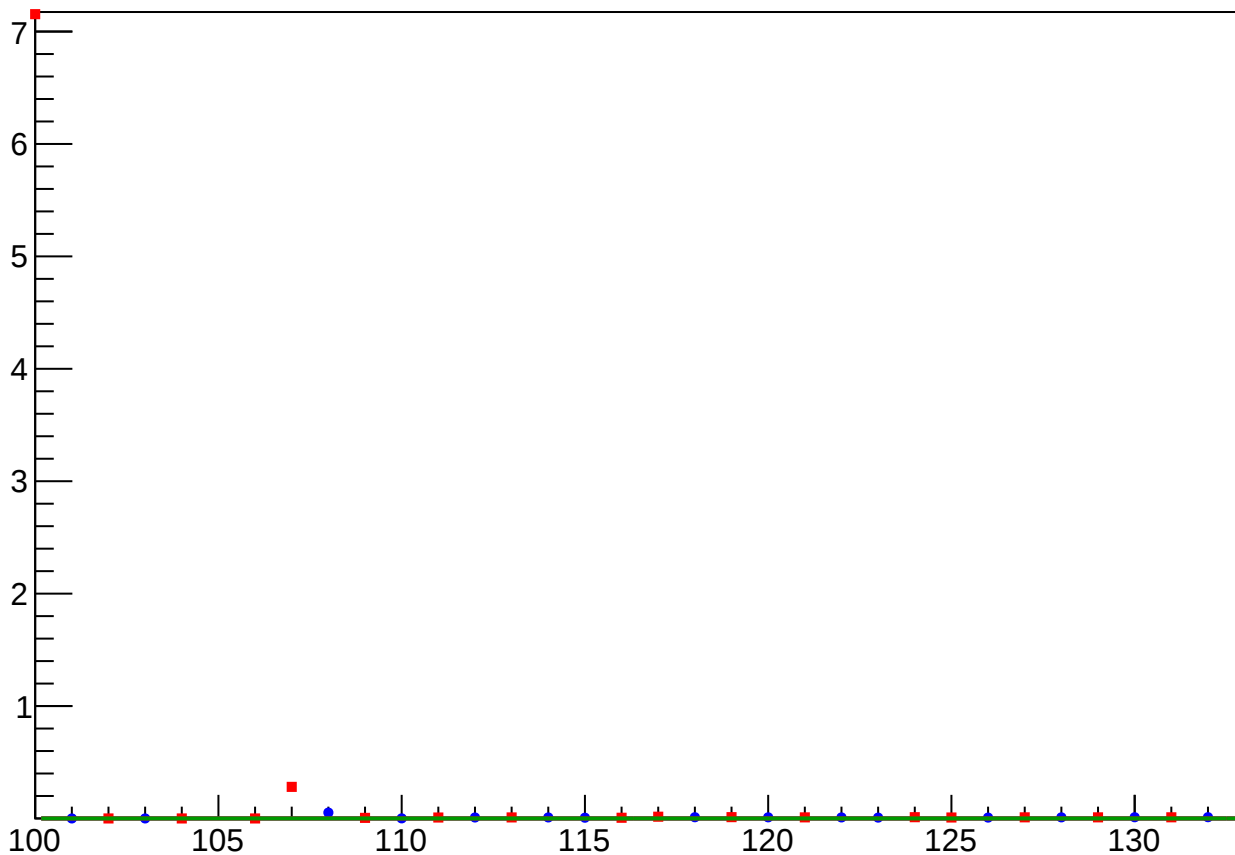
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.979+/-0.000 χ^2 /NDF: 8072878098122.3/14

-5.902+/-0.000 χ^2 /NDF: 42949043134250

-4.915+/-0.000 χ^2 /NDF: 365126881249778.9/17

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 : 7823000.2/17

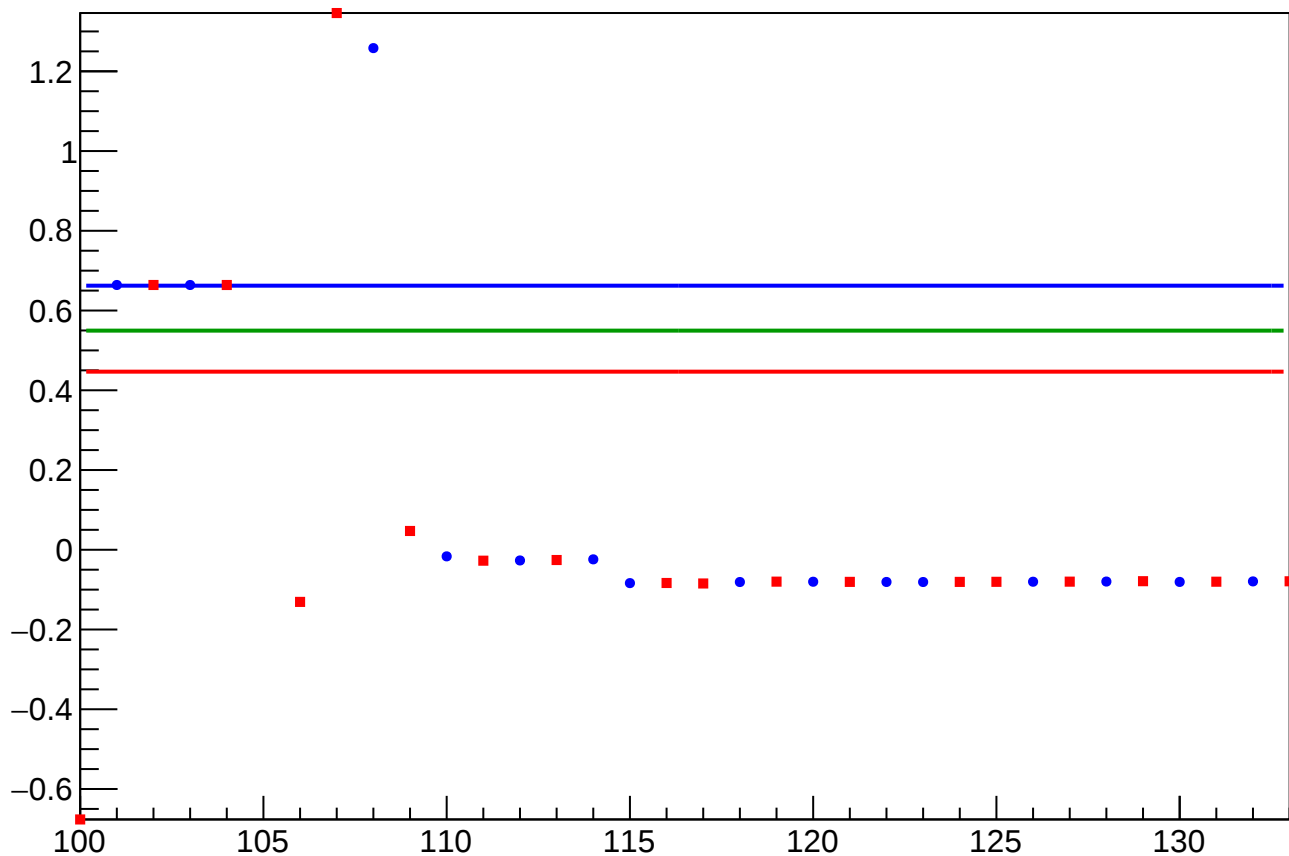
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6687580.1/14

0.000+/-0.000 χ^2/NDF : 14510656.6/32

0.000+/-0.000 χ^2/NDF : 7823000.2/17

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: 404754699572133.5/17

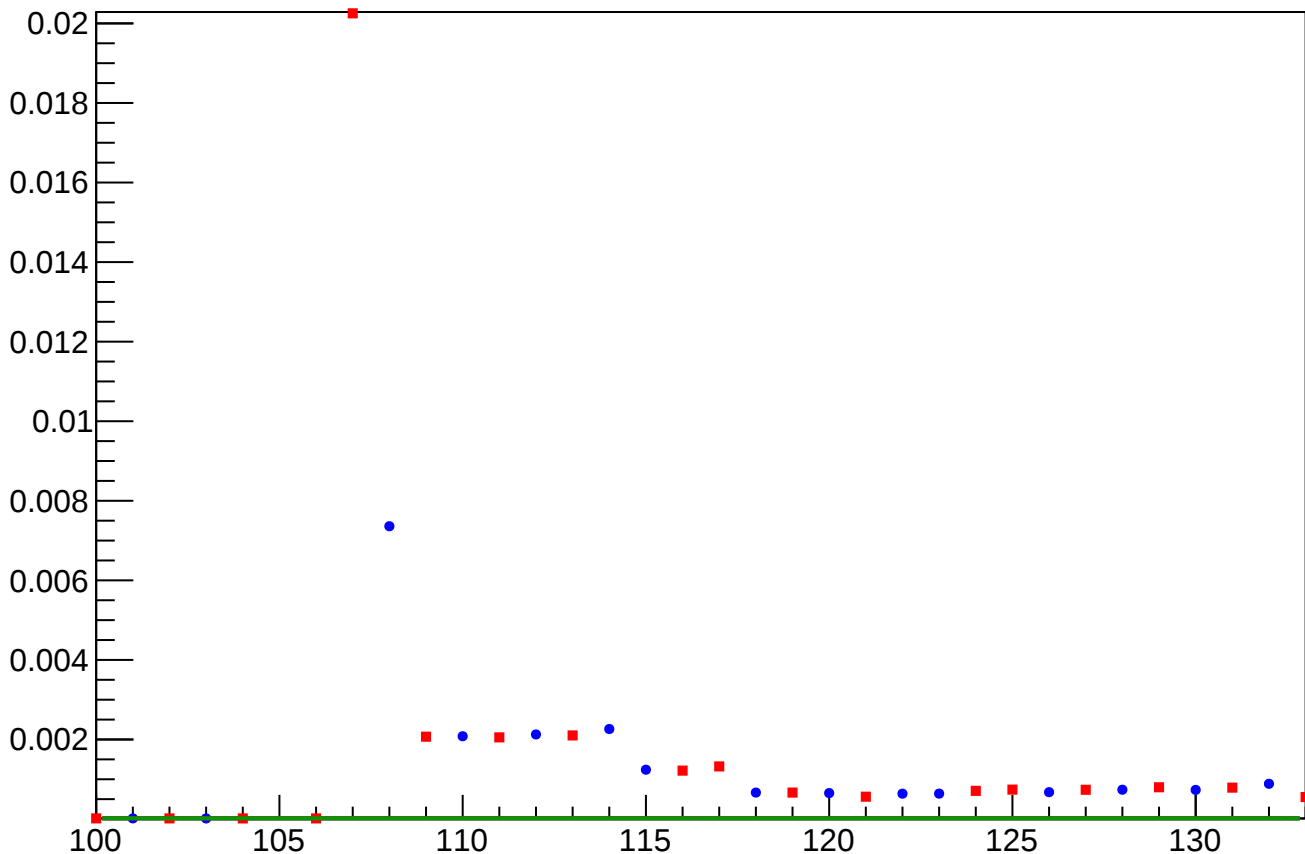
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.662 $\pm$ 0.000 χ^2 /NDF: 3364750635747.4/14

0.550 $\pm$ 0.000 χ^2 /NDF: 47138830858617

0.447 $\pm$ 0.000 χ^2 /NDF: 404754699572133.5/17

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 : 8415342.2/17

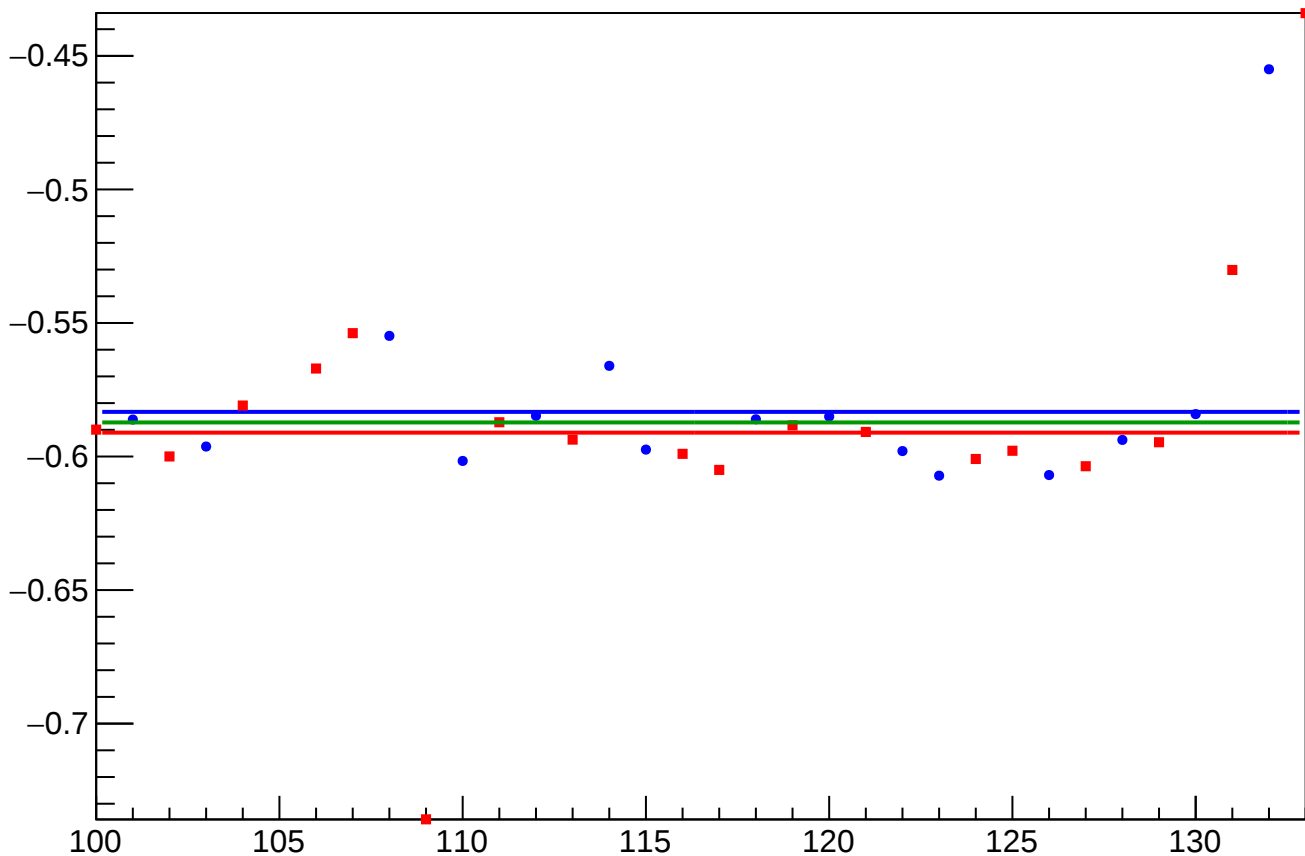
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8098255.1/14

0.000+/-0.000 χ^2/NDF : 16513800.4/32

0.000+/-0.000 χ^2/NDF : 8415342.2/17

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: -0.591+/-0.000 χ^2/NDF : 21329664.1/17

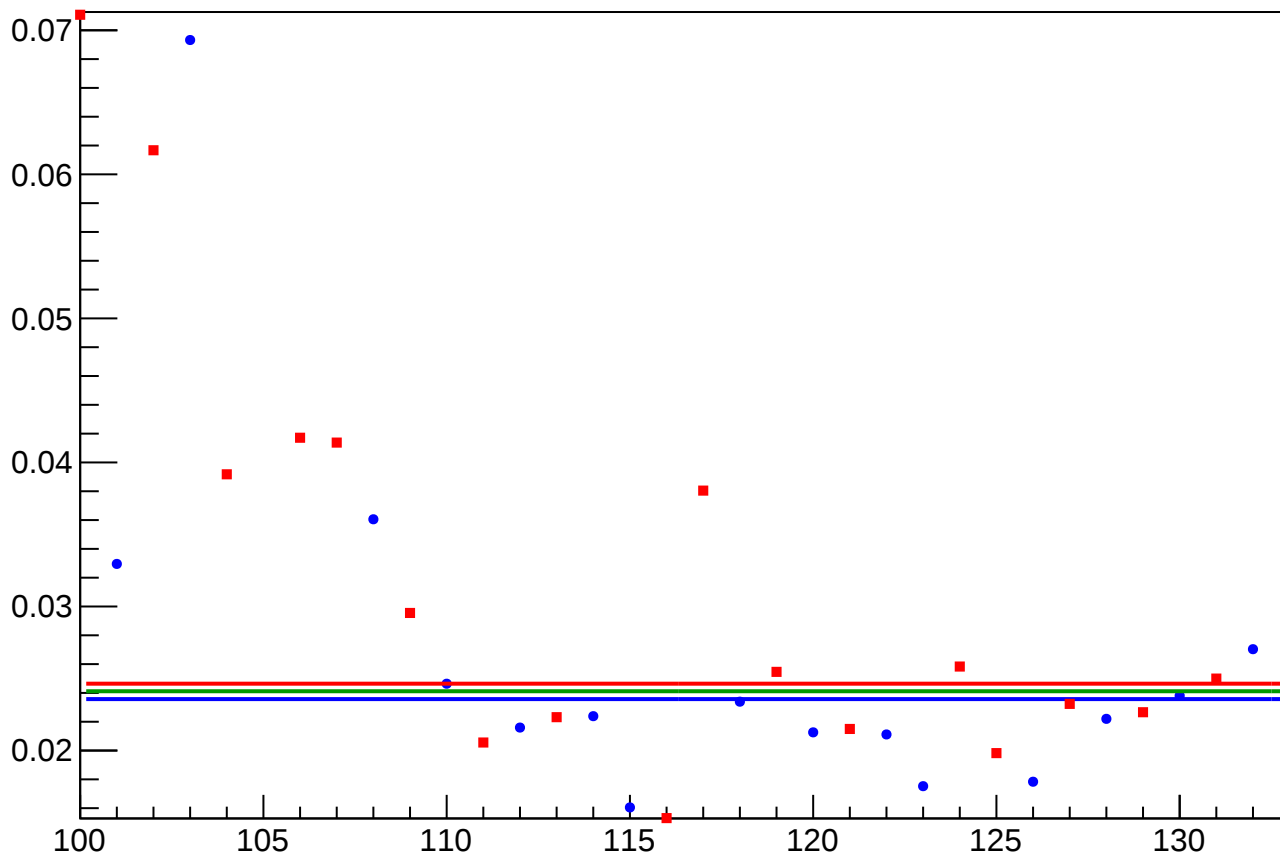
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.583+/-0.000 χ^2/NDF : 8520832.4/14

-0.587+/-0.000 χ^2/NDF : 30089533.2/32

-0.591+/-0.000 χ^2/NDF : 21329664.1/17

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 787501.0/14

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

Right Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 993567.3/17

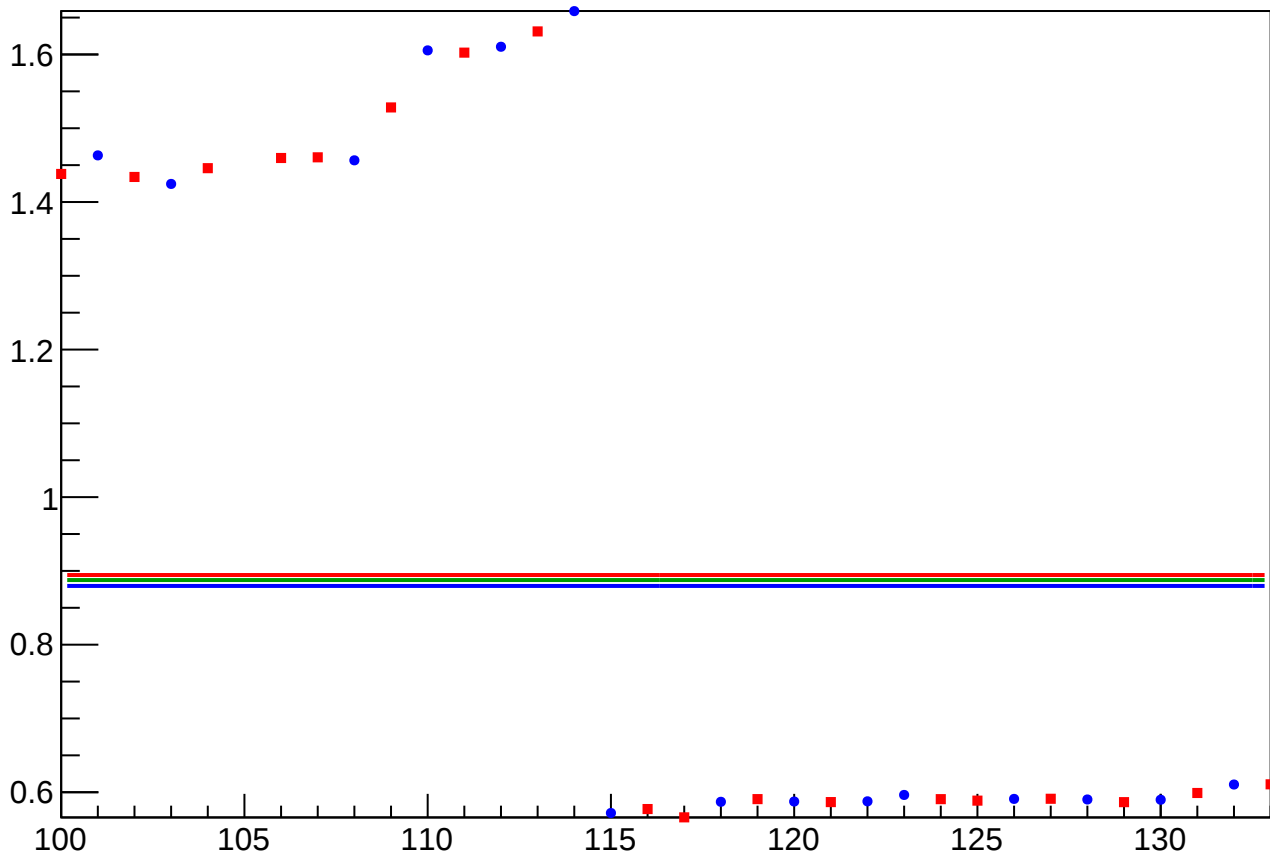
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.024 $\pm$ 0.000 χ^2 /NDF: 787501.0/14

0.024 $\pm$ 0.000 χ^2 /NDF: 1790128.7/32

0.025 $\pm$ 0.000 χ^2 /NDF: 993567.3/17

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.880+/-0.000 χ^2/NDF : 3139418917.5/14

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

Right Out: 0.894+/-0.000 χ^2/NDF : 3798259110.3/17

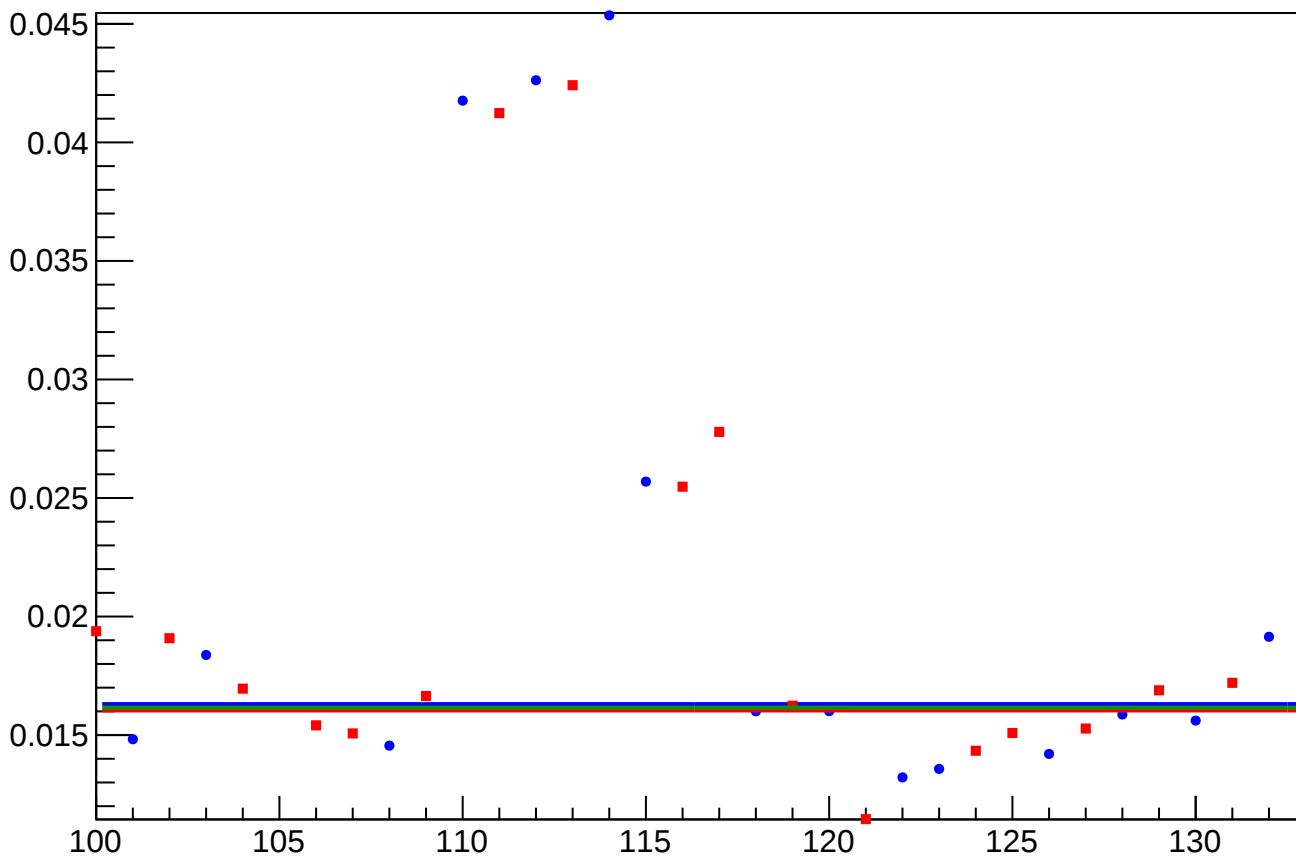
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.880+/-0.000 χ^2/NDF : 3139418917.5/14

0.888+/-0.000 χ^2/NDF : 6939863855.9/32

0.894+/-0.000 χ^2/NDF : 3798259110.3/17

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 : 934422.6/17

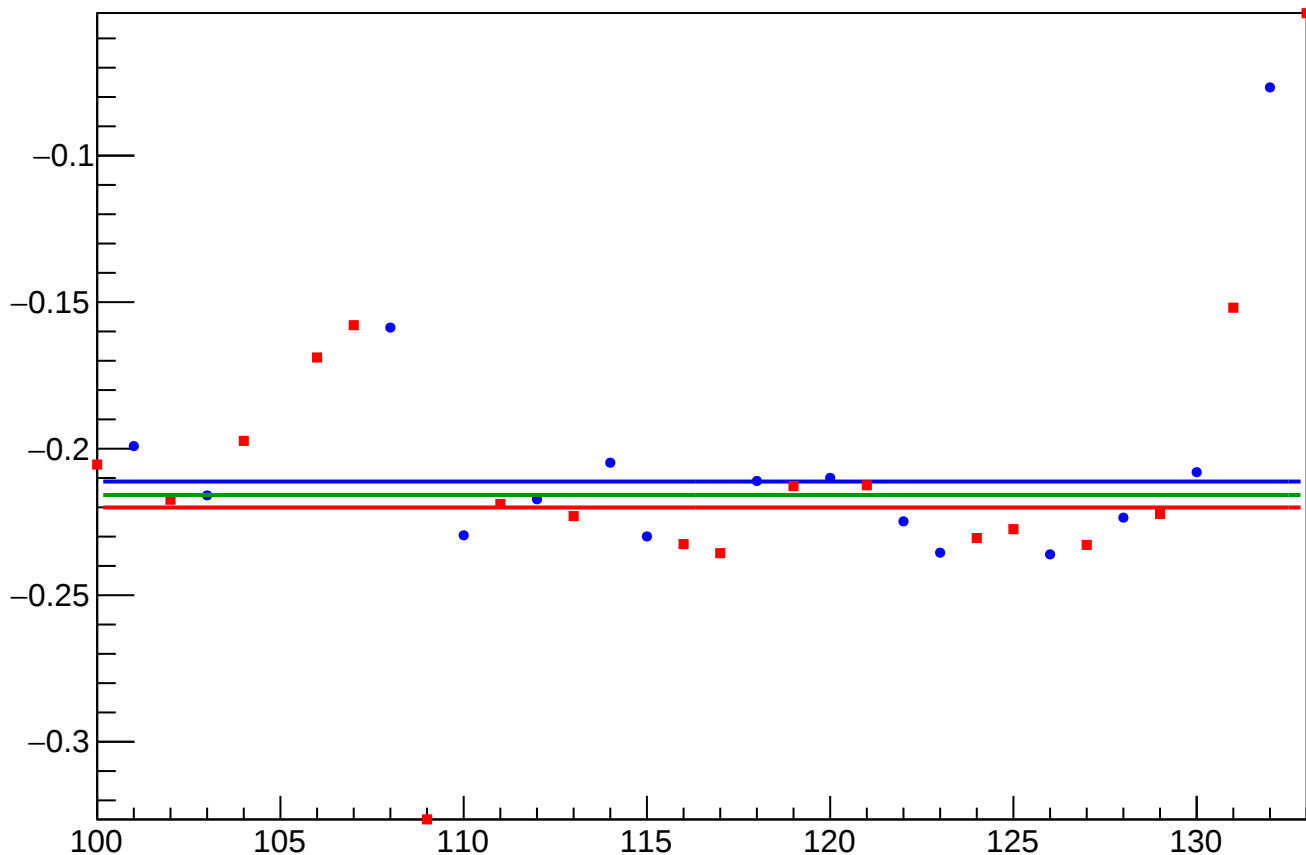
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 817320.9/14

0.016+/-0.000 χ^2/NDF : 1753185.7/32

0.016+/-0.000 χ^2/NDF : 934422.6/17

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: -0.220+/-0.000 χ^2/NDF : 26410927.4/17

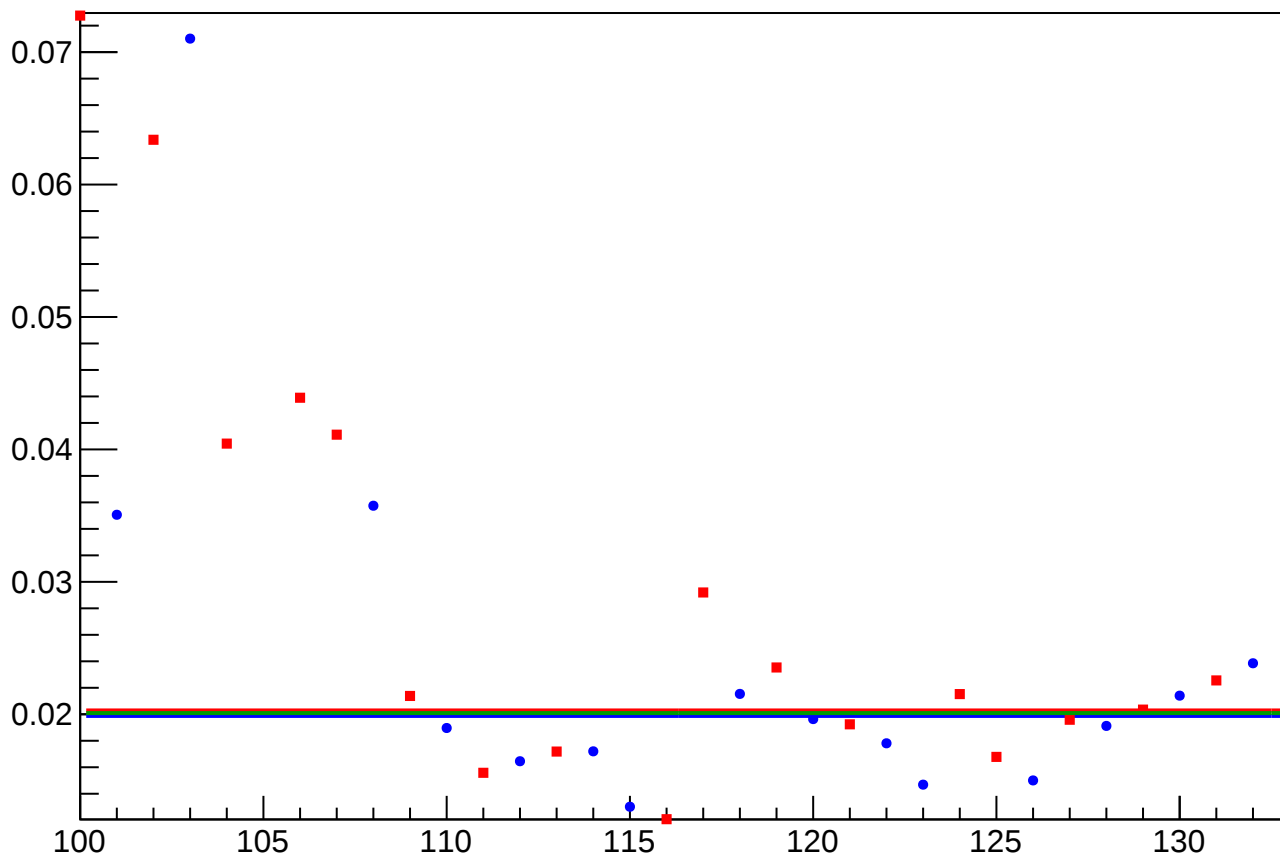
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.211+/-0.000 χ^2/NDF : 12815865.3/14

-0.216+/-0.000 χ^2/NDF : 39657593.9/32

-0.220+/-0.000 χ^2/NDF : 26410927.4/17

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 : 1399661.9/17

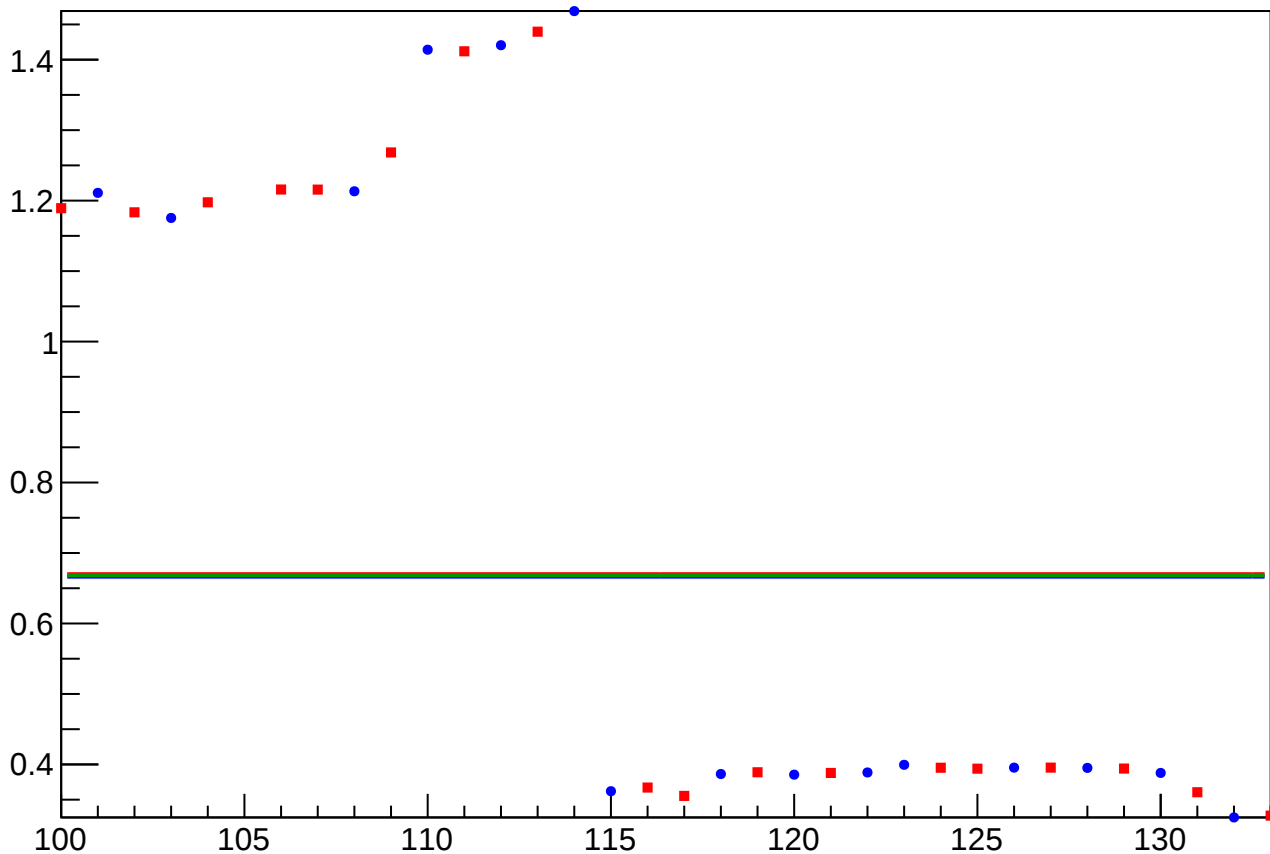
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1090621.8/14

0.020+/-0.000 χ^2/NDF : 2492153.4/32

0.020+/-0.000 χ^2/NDF : 1399661.9/17

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: 0.670+/-0.000 χ^2/NDF : 4880753438.3/17

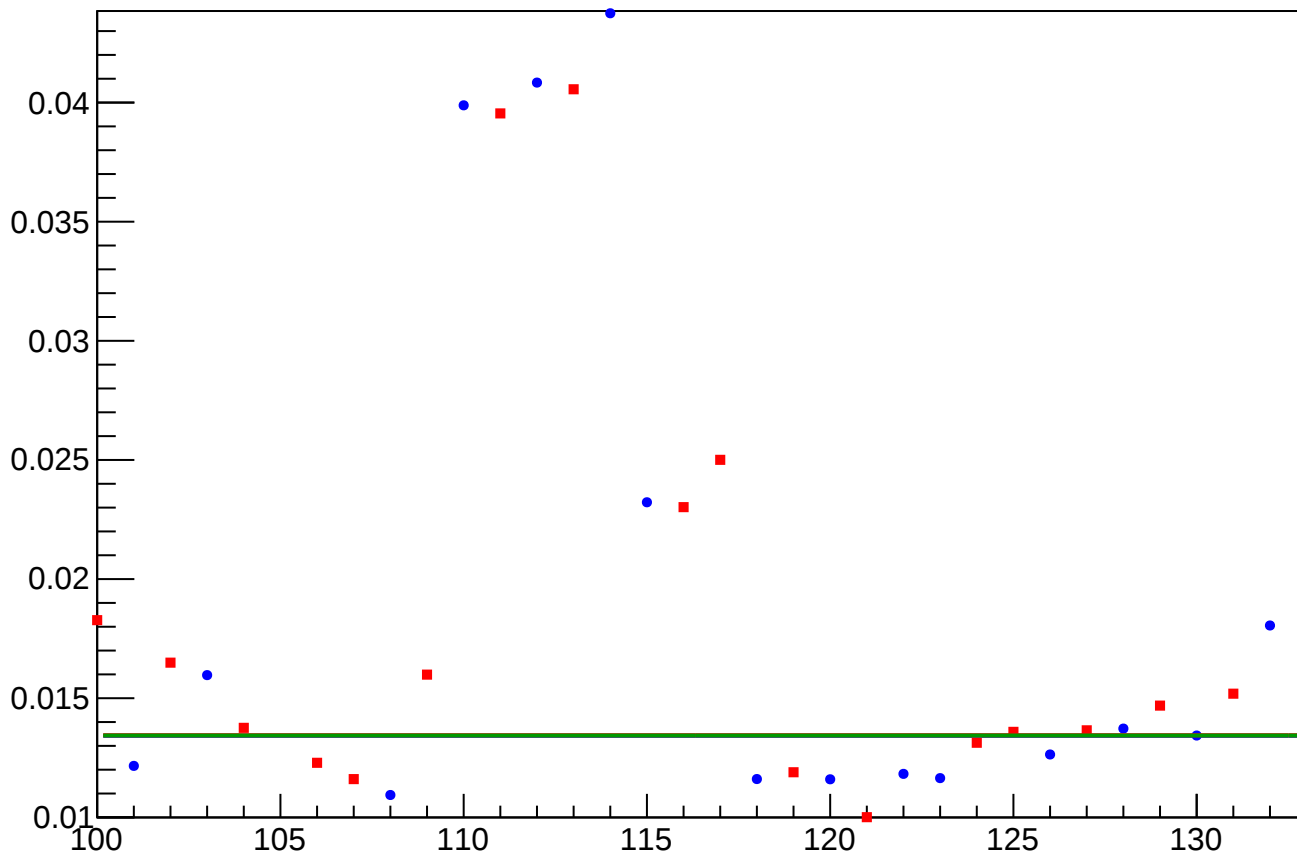
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.666+/-0.000 χ^2/NDF : 4134580113.5/14

0.668+/-0.000 χ^2/NDF : 9015502058.1/32

0.670+/-0.000 χ^2/NDF : 4880753438.3/17

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: 0.013+/-0.000 χ^2/NDF : 1102092.1/17

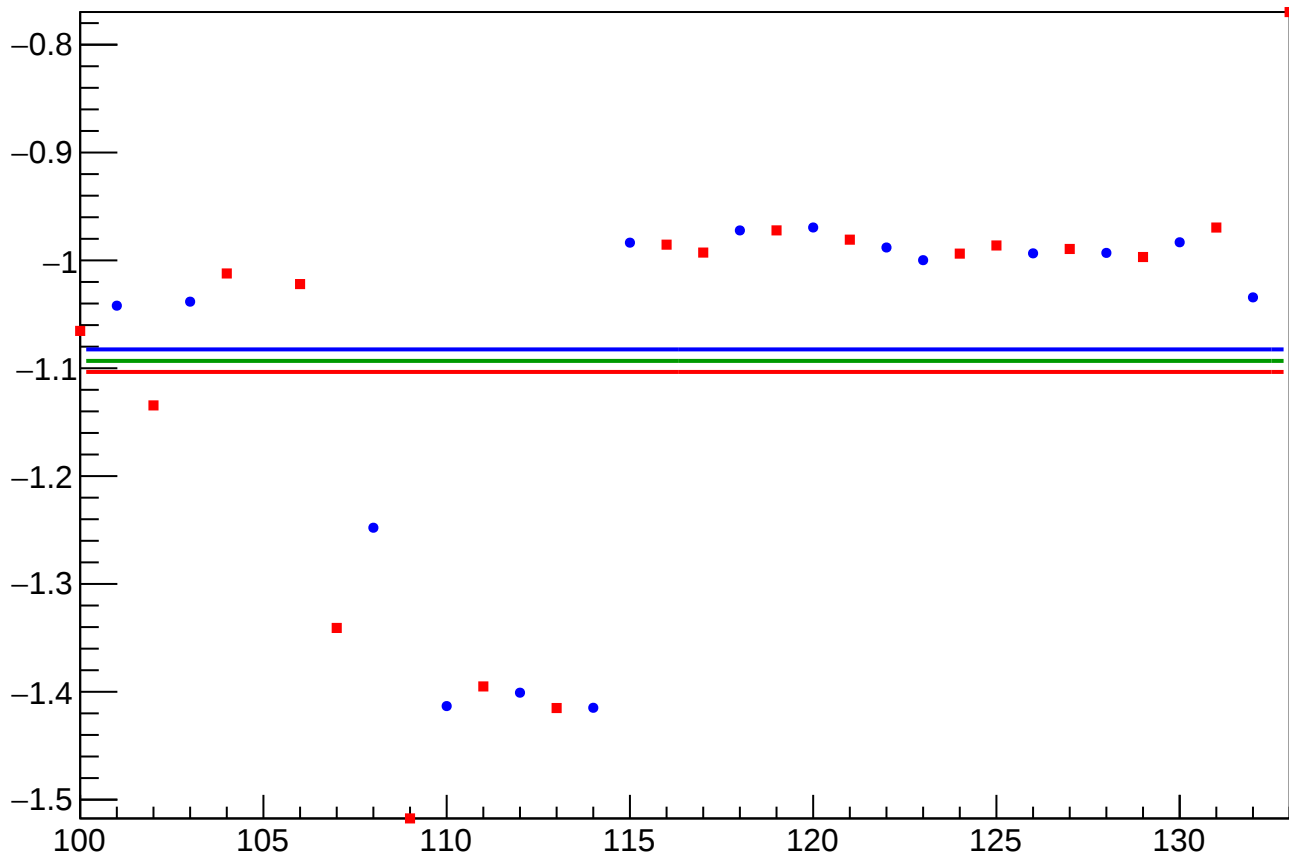
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1005499.9/14

0.013+/-0.000 χ^2/NDF : 2107605.4/32

0.013+/-0.000 χ^2/NDF : 1102092.1/17

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: -1.103+/-0.000 χ^2/NDF : 365384315.8/17

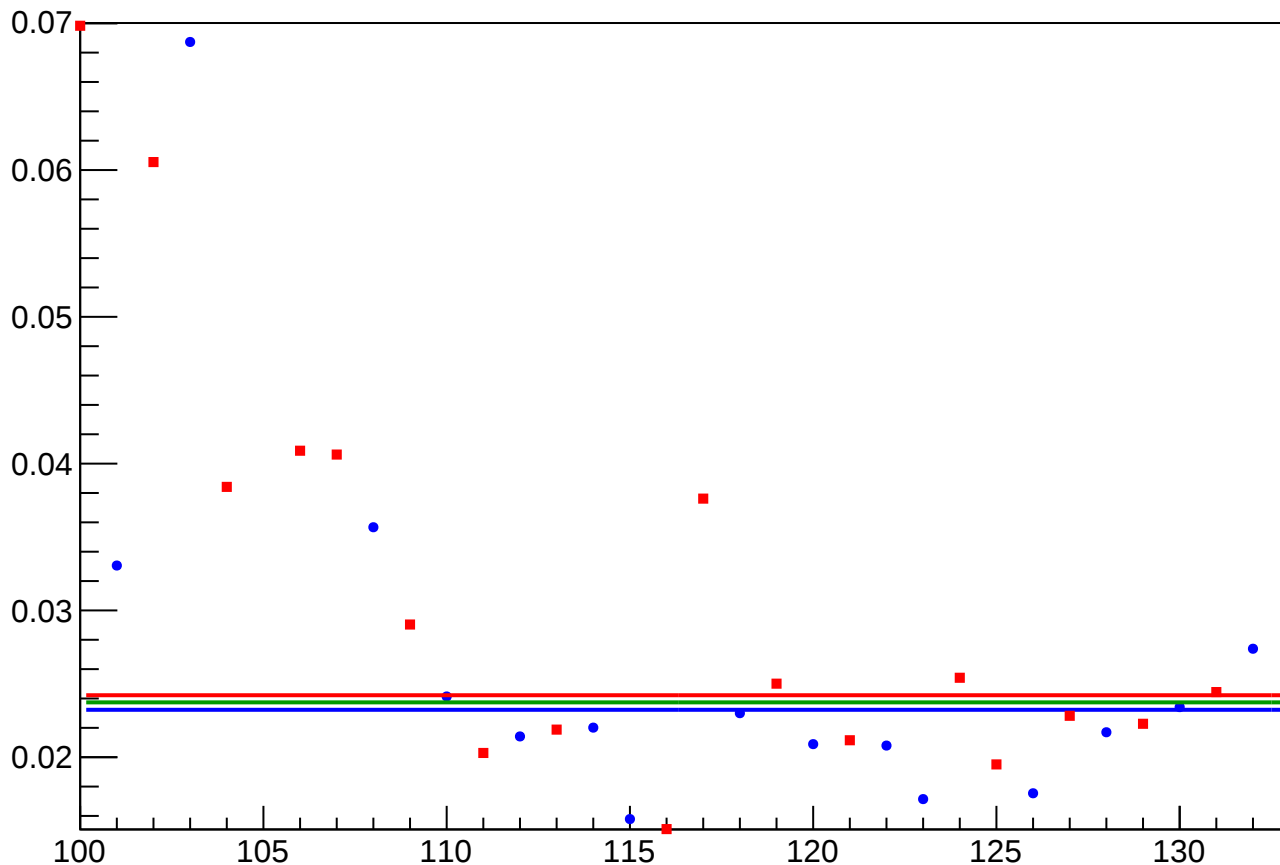
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.083+/-0.000 χ^2/NDF : 223882217.4/14

-1.093+/-0.000 χ^2/NDF : 591046899.6/32

-1.103+/-0.000 χ^2/NDF : 365384315.8/17

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 : 984625.6/17

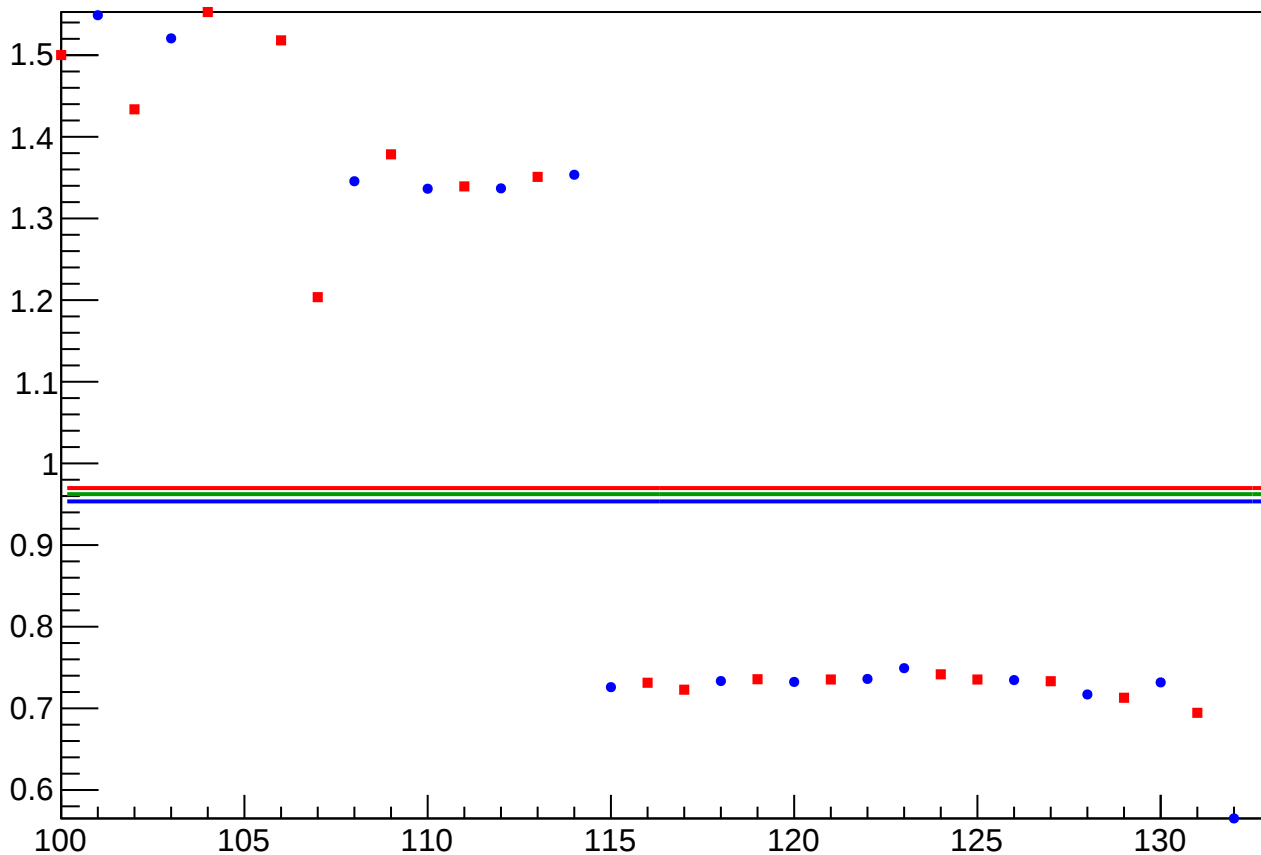
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 803538.4/14

0.024+/-0.000 χ^2/NDF : 1796192.7/32

0.024+/-0.000 χ^2/NDF : 984625.6/17

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: 0.970+/-0.000 χ^2/NDF : 2275282223.2/17

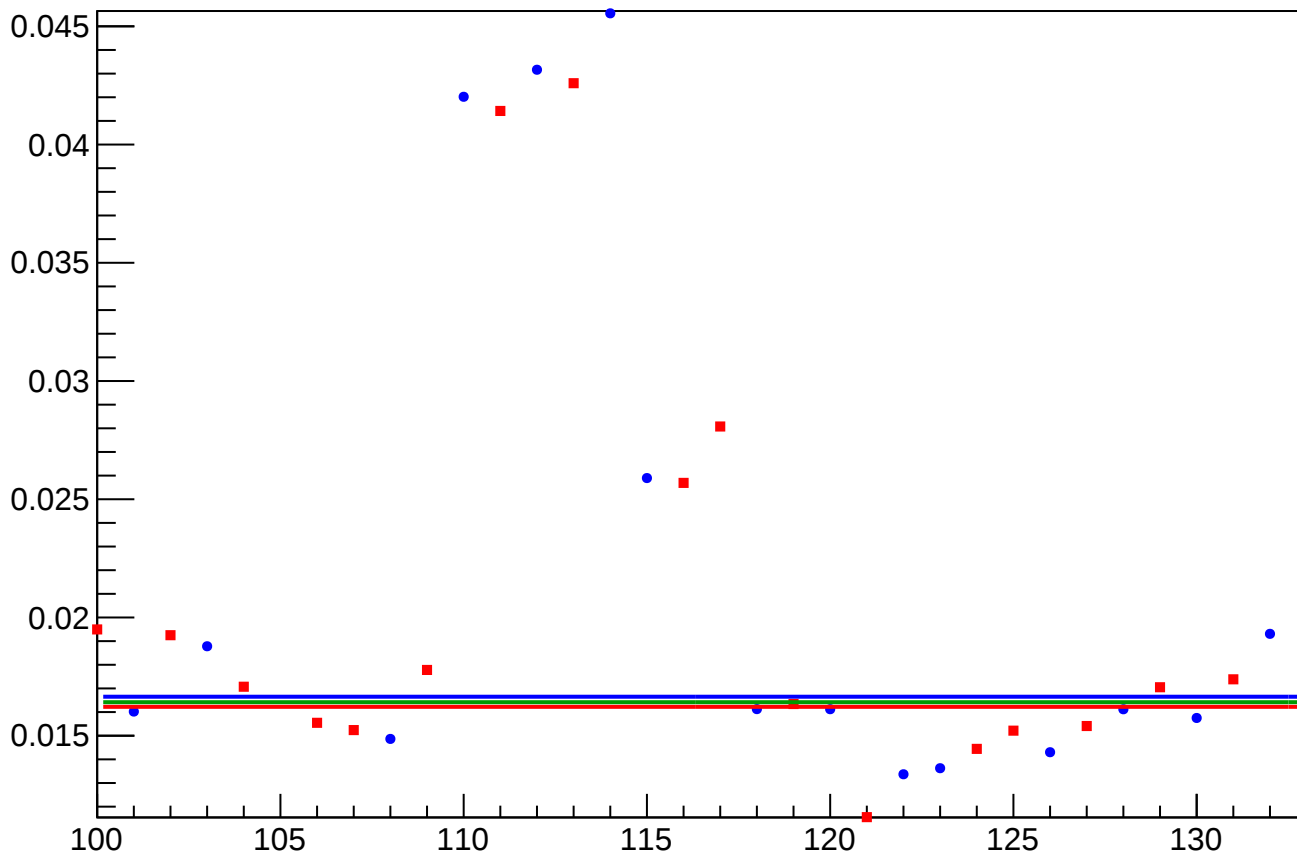
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.953+/-0.000 χ^2/NDF : 2229800211.2/14

0.962+/-0.000 χ^2/NDF : 4507652497.2/32

0.970+/-0.000 χ^2/NDF : 2275282223.2/17

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: 0.016+/-0.000 χ^2/NDF : 935873.9/17

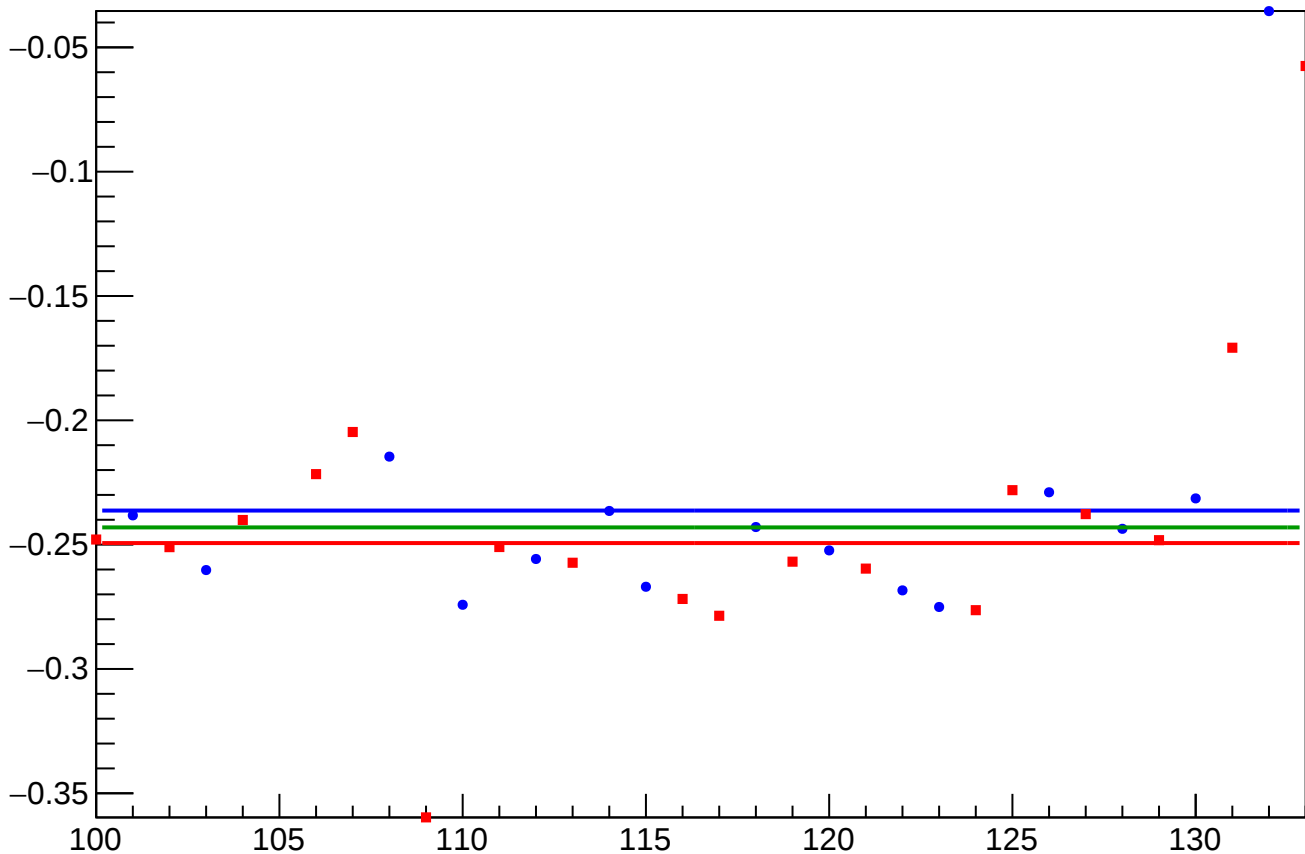
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 806362.2/14

0.016+/-0.000 χ^2/NDF : 1745755.0/32

0.016+/-0.000 χ^2/NDF : 935873.9/17

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: -0.249+/-0.000 χ^2 /NDF: 31729069.2/17

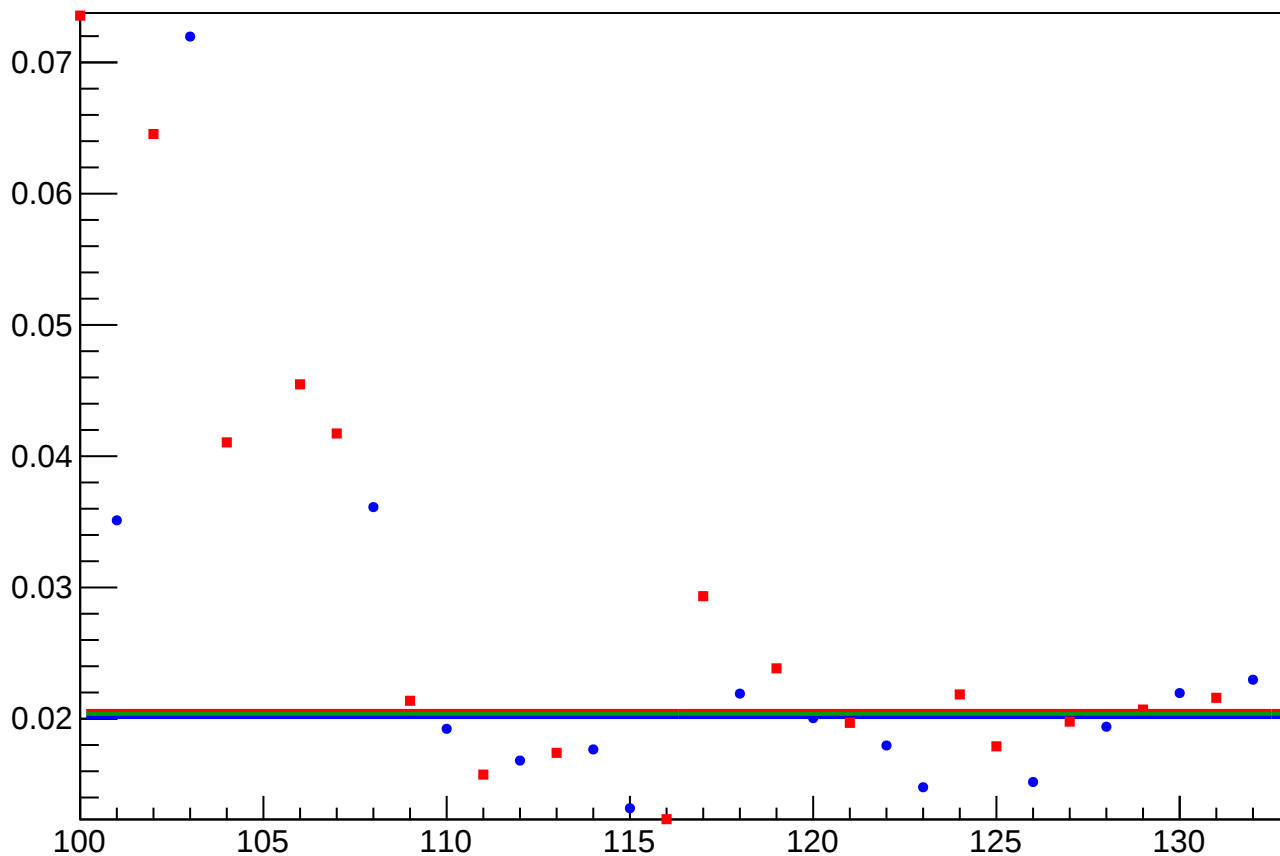
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.236+/-0.000 χ^2 /NDF: 28338992.0/14

-0.243+/-0.000 χ^2 /NDF: 60983775.6/32

-0.249+/-0.000 χ^2 /NDF: 31729069.2/17

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: 0.021+/-0.000 χ^2/NDF : 1387244.0/17

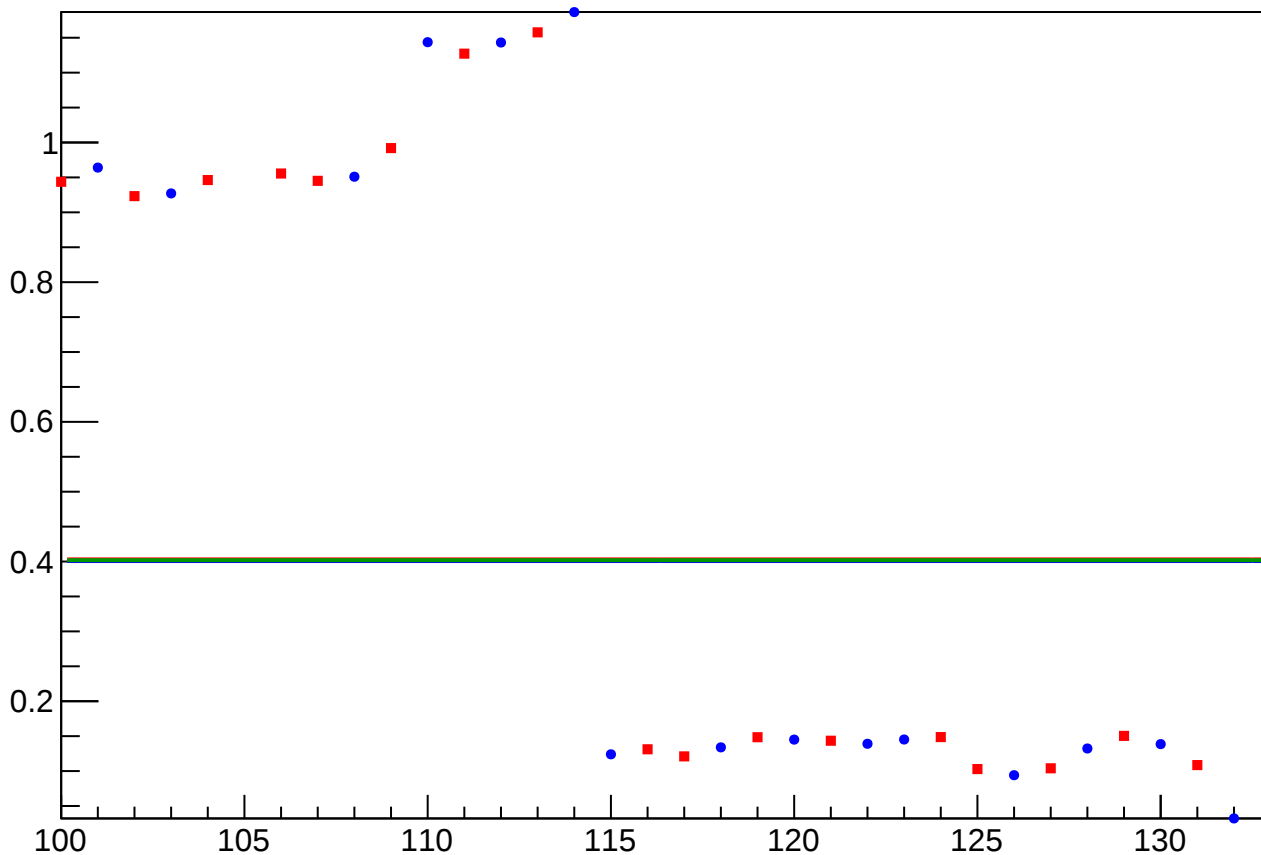
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1072456.2/14

0.020+/-0.000 χ^2/NDF : 2462024.8/32

0.021+/-0.000 χ^2/NDF : 1387244.0/17

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: 0.403+/-0.000 χ^2/NDF : 4810277722.8/17

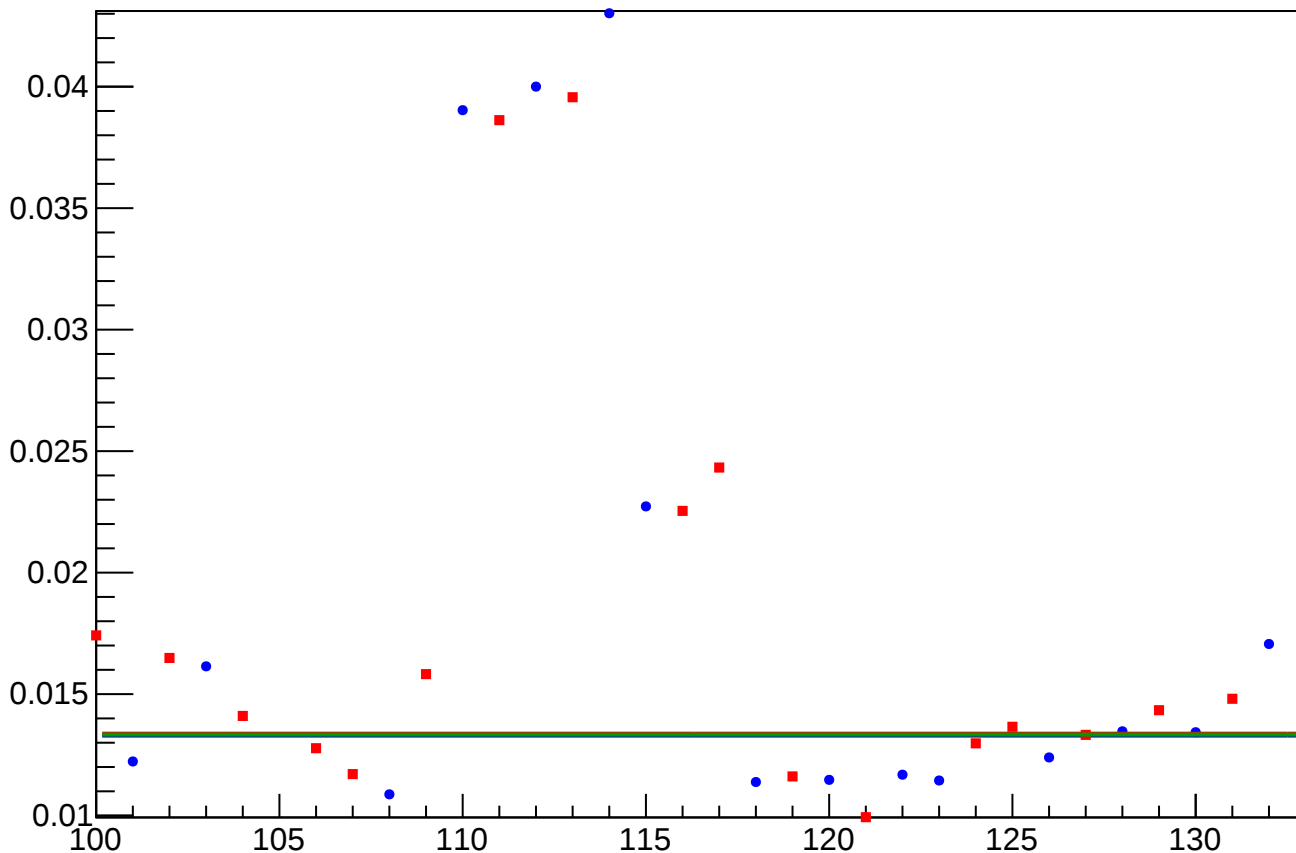
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.401+/-0.000 χ^2/NDF : 4248672587.0/14

0.402+/-0.000 χ^2/NDF : 9059026554.1/32

0.403+/-0.000 χ^2/NDF : 4810277722.8/17

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: 0.013+/-0.000 χ^2/NDF : 1081542.1/17

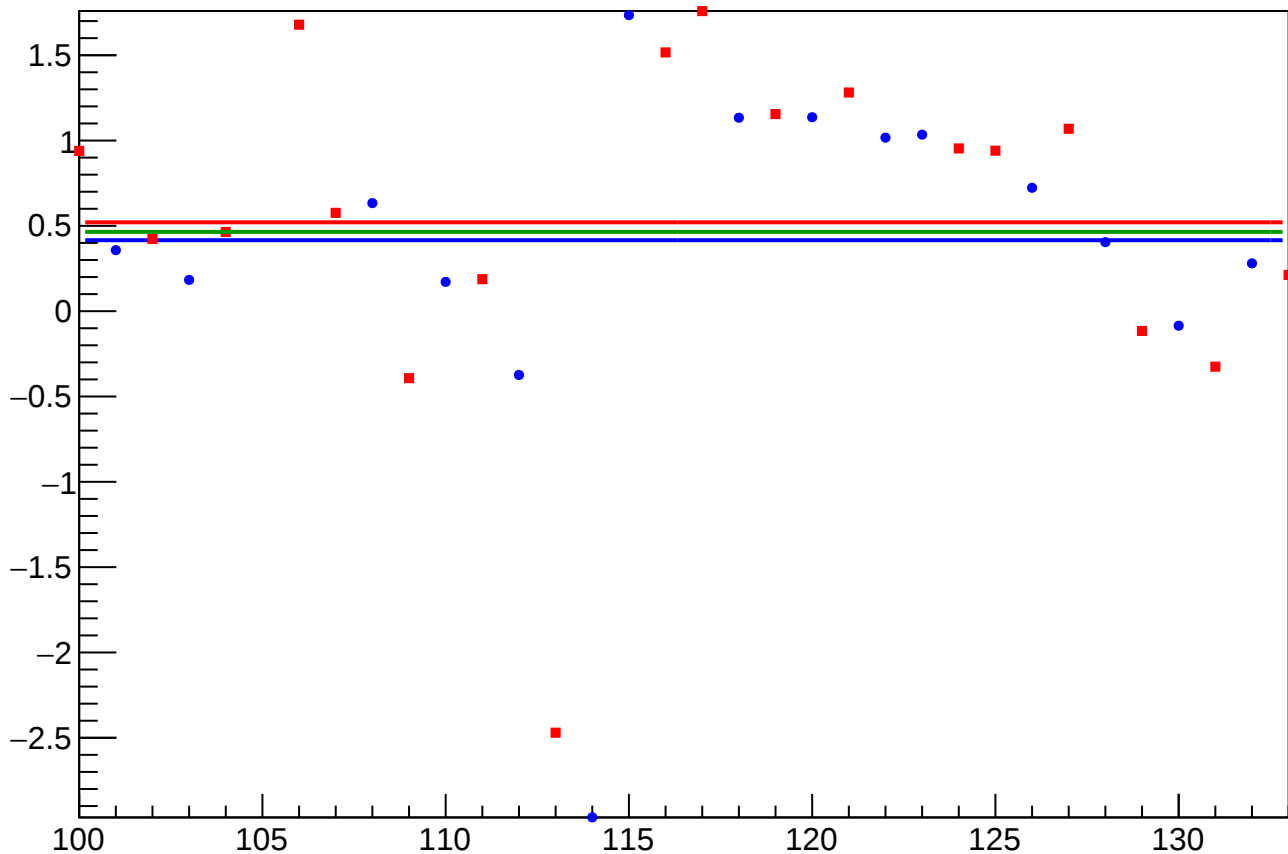
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 990446.1/14

0.013+/-0.000 χ^2/NDF : 2072164.7/32

0.013+/-0.000 χ^2/NDF : 1081542.1/17

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: 0.521+/-0.000 χ^2/NDF : 991488628.0/17

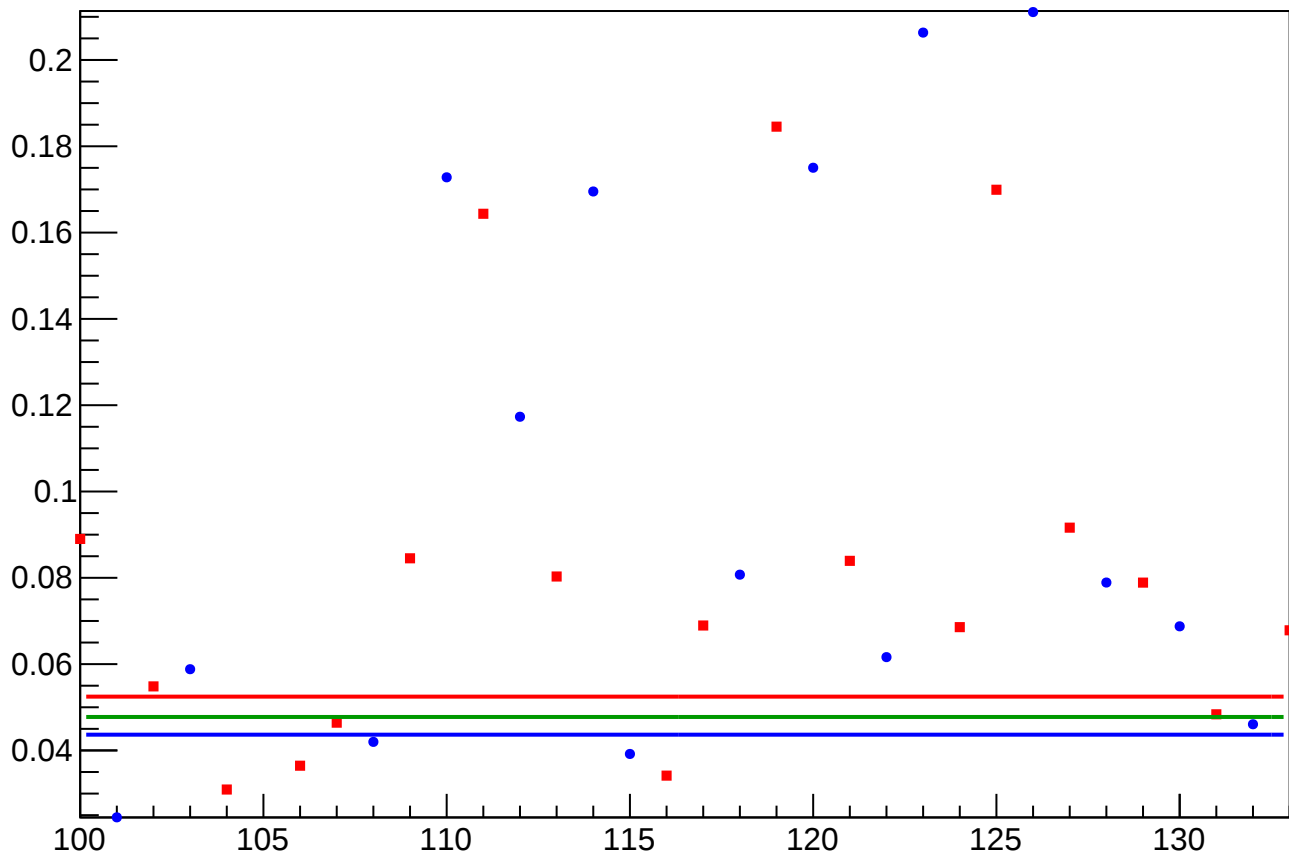
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.416+/-0.000 χ^2/NDF : 230779902.6/14

0.465+/-0.000 χ^2/NDF : 1230429670.9/32

0.521+/-0.000 χ^2/NDF : 991488628.0/17

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 : 2183151.9/17

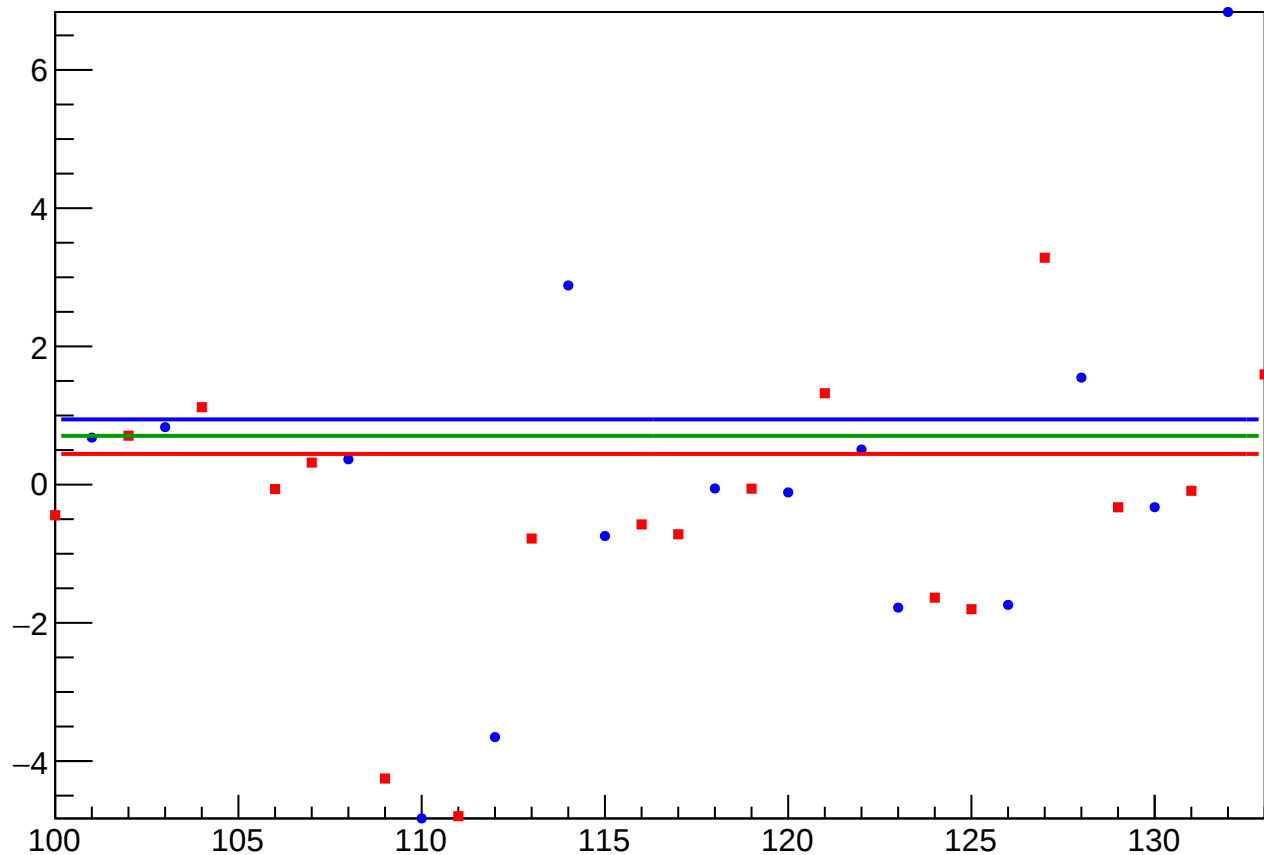
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2677694.0/14

0.048+/-0.000 χ^2/NDF : 4975992.1/32

0.052+/-0.000 χ^2/NDF : 2183151.9/17

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: 0.444+/-0.000 χ^2/NDF : 4489888118.1/17

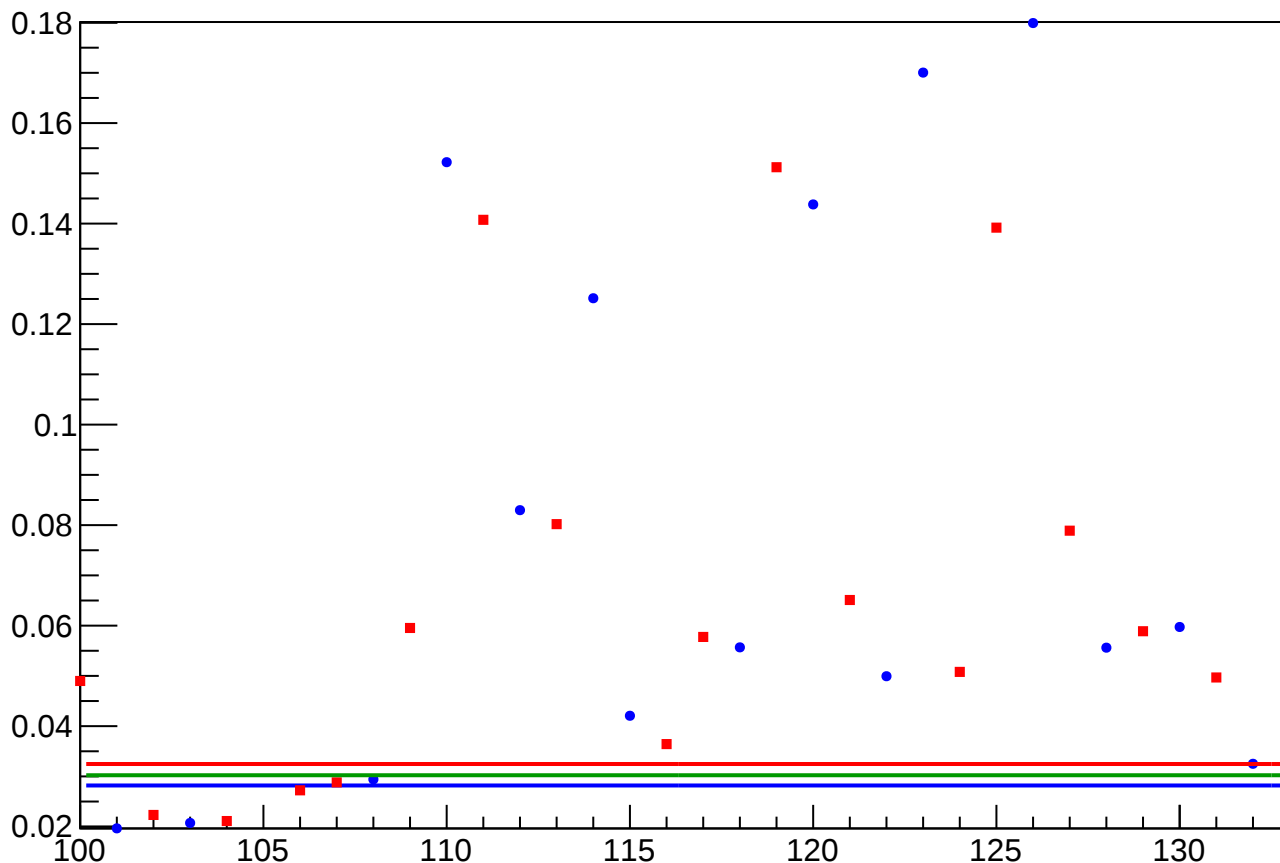
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.944+/-0.000 χ^2/NDF : 10046137365.9/14

0.706+/-0.000 χ^2/NDF : 14976555607.0/3

0.444+/-0.000 χ^2/NDF : 4489888118.1/17

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 : 3007439.1/17

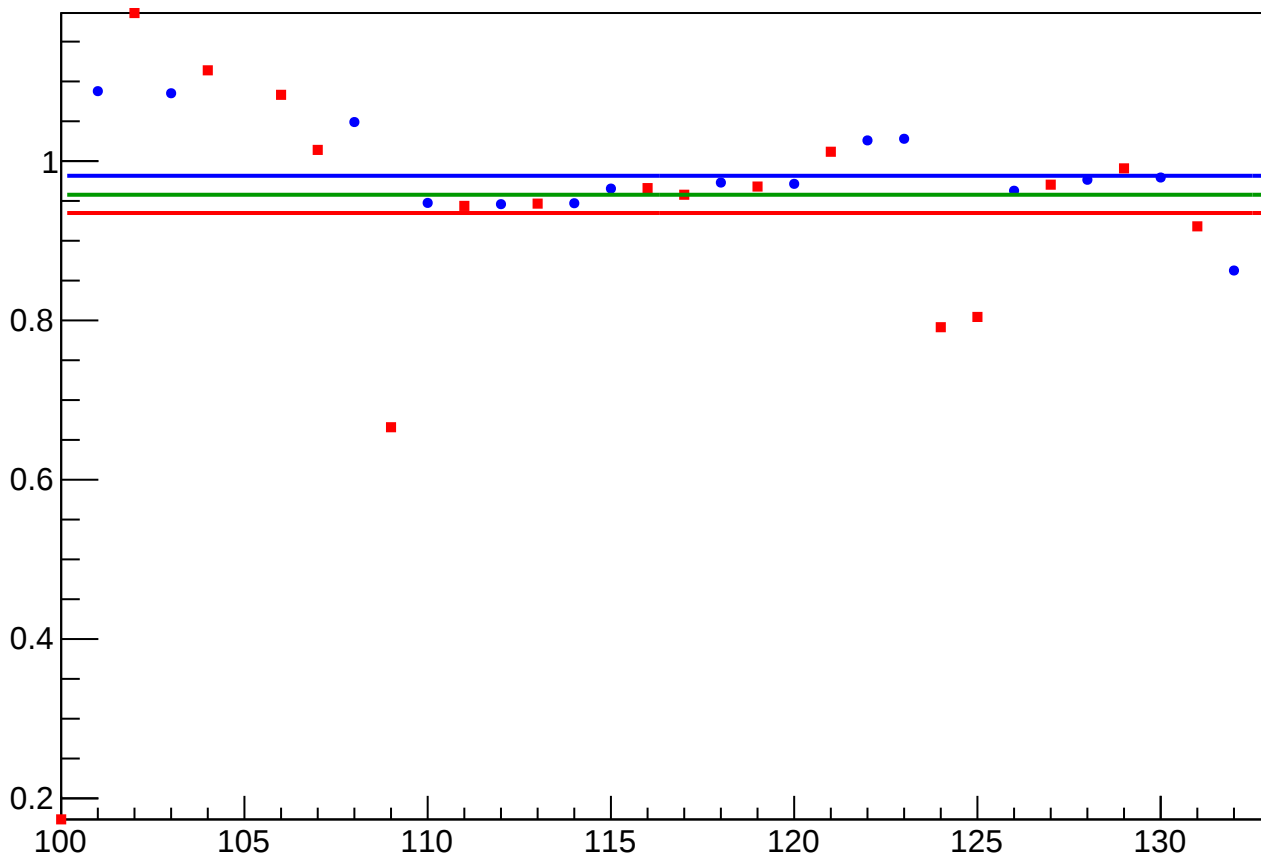
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 2730222.8/14

0.030+/-0.000 χ^2/NDF : 5802114.4/32

0.032+/-0.000 χ^2/NDF : 3007439.1/17

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.982 $\pm$ 0.000 χ^2 /NDF: 68737452.3/14

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

Right Out: 0.935 $\pm$ 0.000 χ^2 /NDF: 338370500.4/17

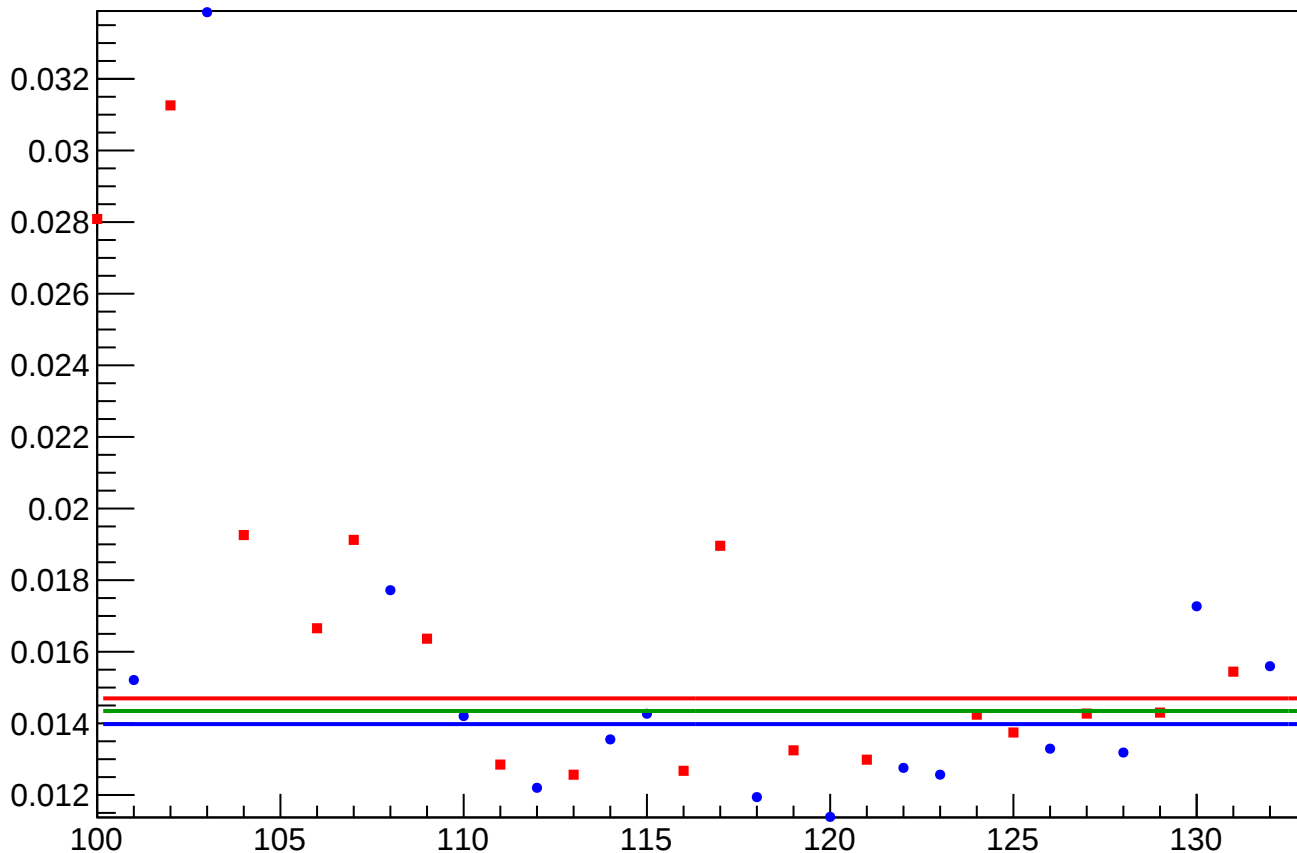
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.982 $\pm$ 0.000 χ^2 /NDF: 68737452.3/14

0.958 $\pm$ 0.000 χ^2 /NDF: 434520527.0/32

0.935 $\pm$ 0.000 χ^2 /NDF: 338370500.4/17

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 : 475480.0/17

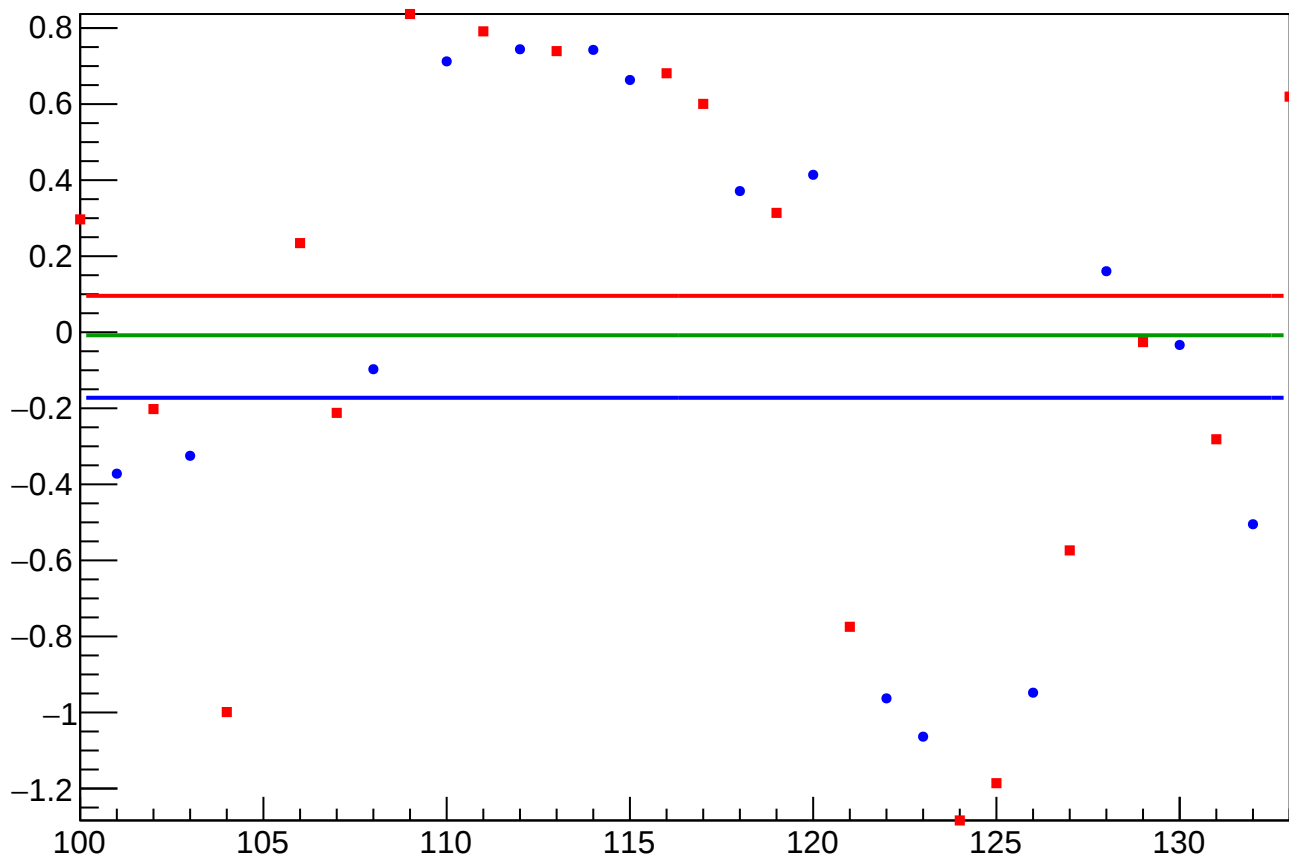
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 520081.3/14

0.014+/-0.000 χ^2/NDF : 1008512.9/32

0.015+/-0.000 χ^2/NDF : 475480.0/17

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: 0.096+/-0.000 χ^2/NDF : 12247190161.1/17

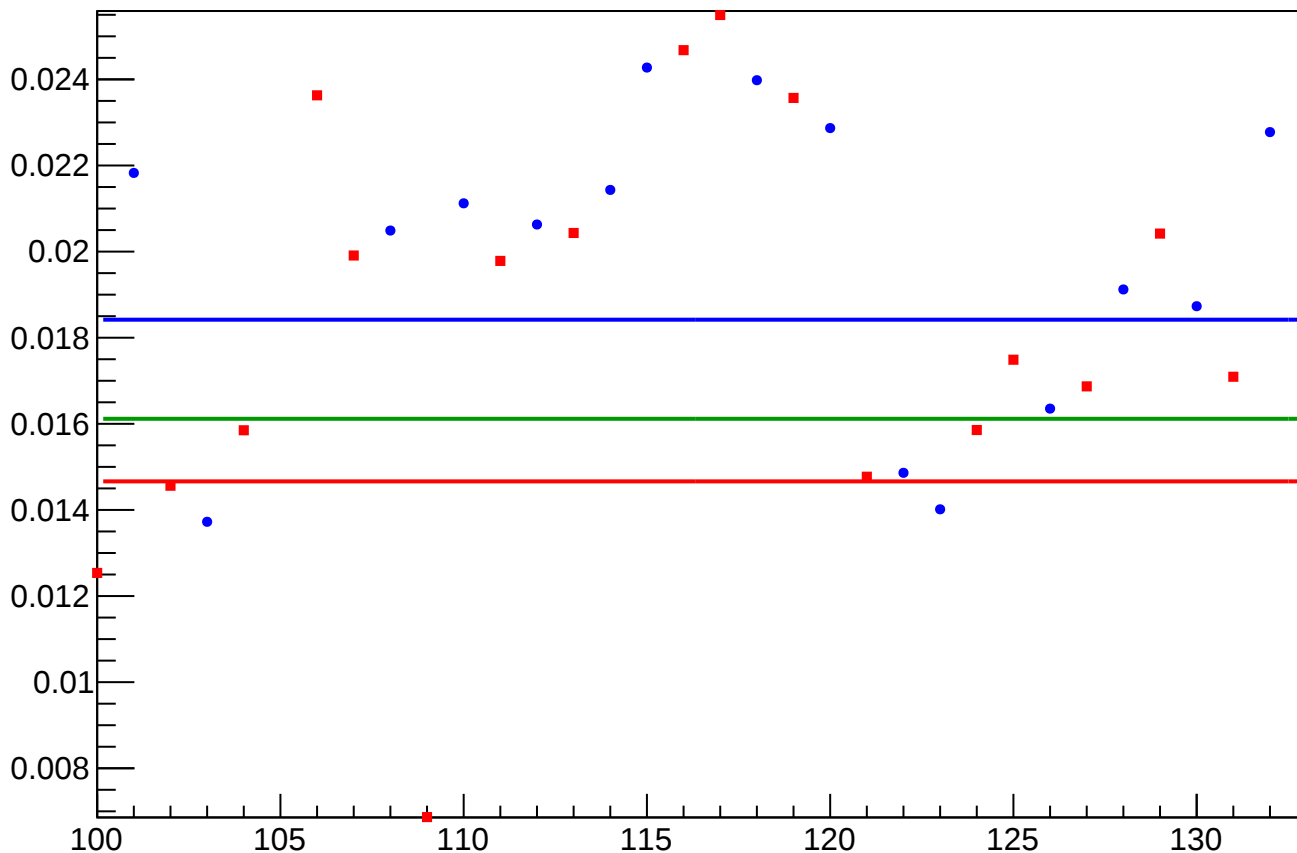
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.172+/-0.000 χ^2/NDF : 4655600380.3/14

-0.008+/-0.000 χ^2/NDF : 17556085245.8/14

0.096+/-0.000 χ^2/NDF : 12247190161.1/17

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: 0.015+/-0.000 χ^2/NDF : 1466419.7/17

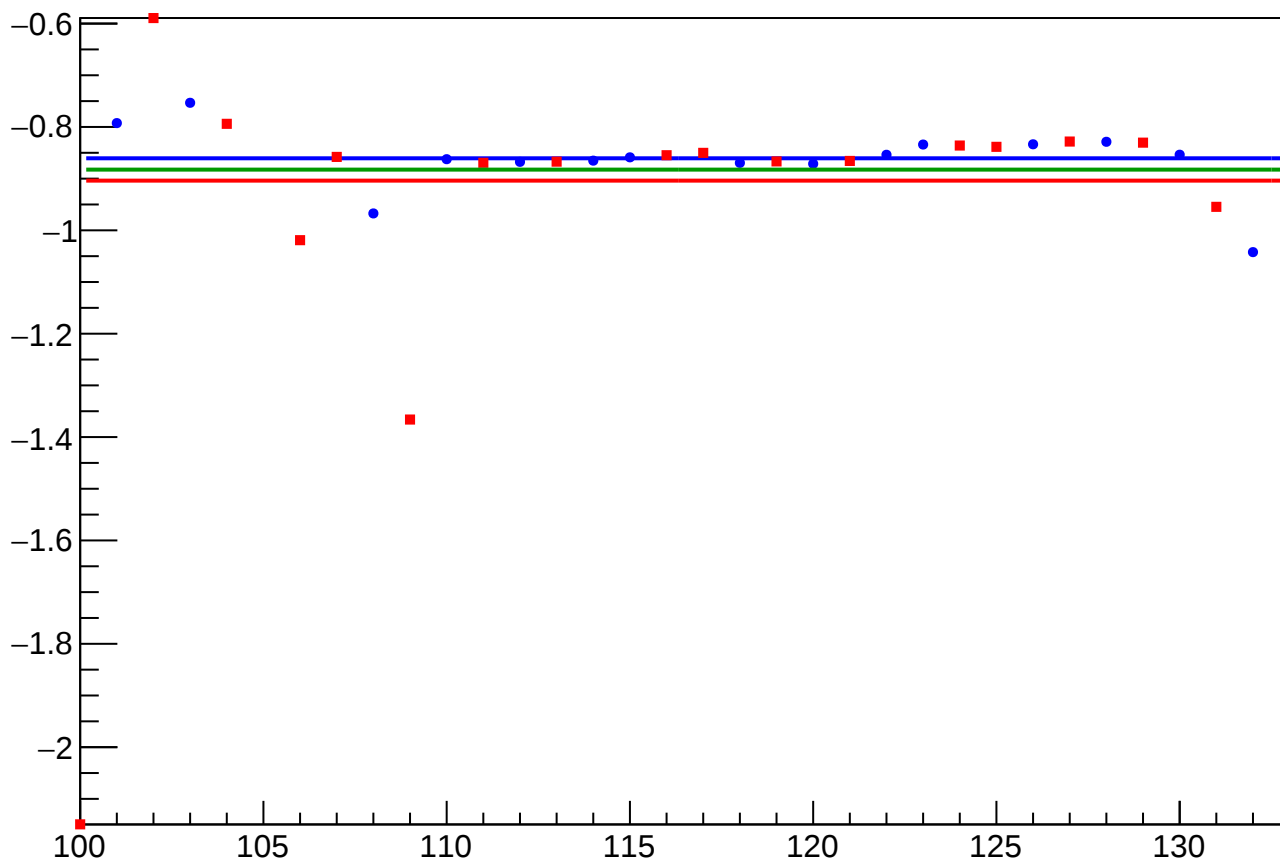
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 358046.0/14

0.016+/-0.000 χ^2/NDF : 2080839.4/32

0.015+/-0.000 χ^2/NDF : 1466419.7/17

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.861 ± 0.000 $\chi^2/\text{NDF}: 15881654.4/14$

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

Right Out: -0.904 ± 0.000 $\chi^2/\text{NDF}: 120299231.5/17$

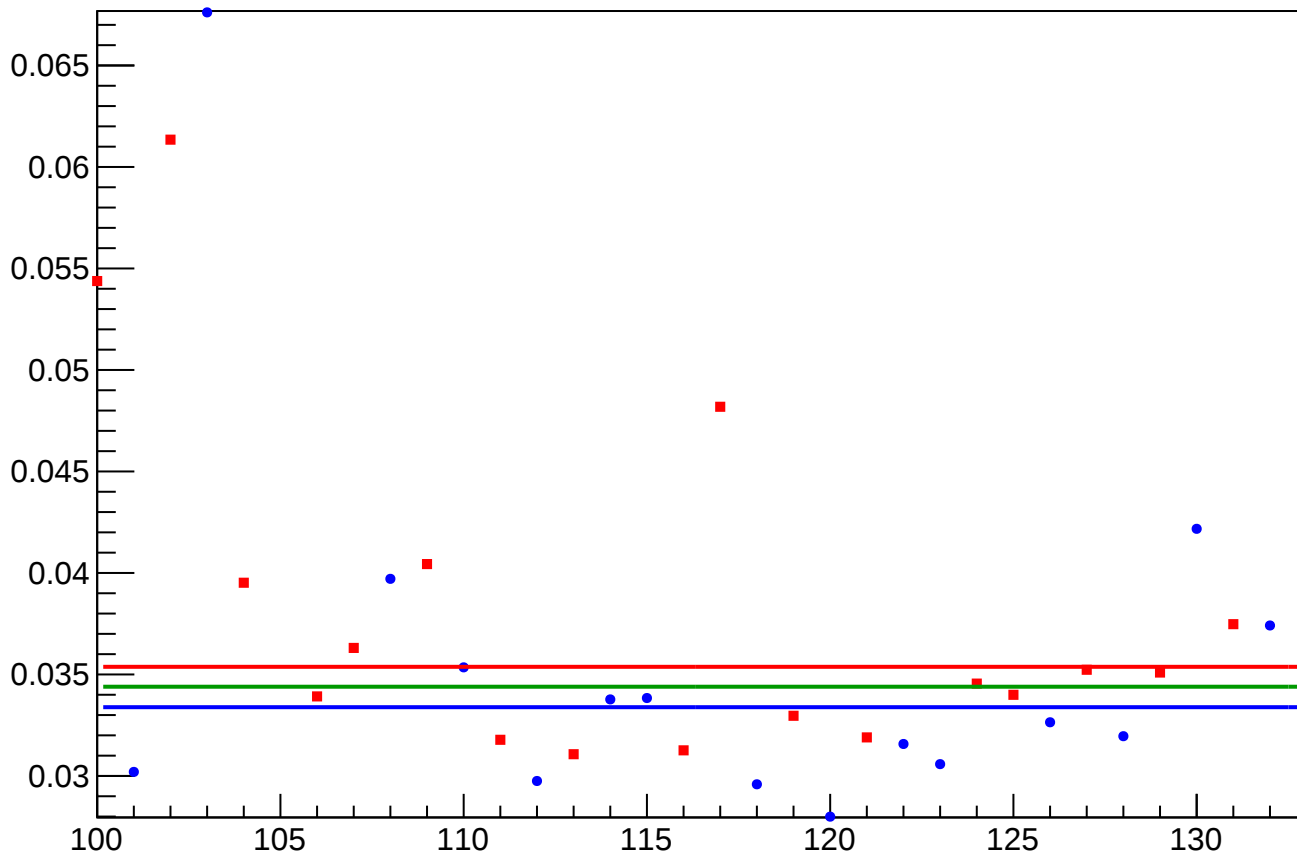
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.861 ± 0.000 $\chi^2/\text{NDF}: 15881654.4/14$

-0.883 ± 0.000 $\chi^2/\text{NDF}: 140300131.3/32$

-0.904 ± 0.000 $\chi^2/\text{NDF}: 120299231.5/17$

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 391762.8/14

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

Right Out: 0.035+/-0.000 χ^2/NDF : 265565.2/17

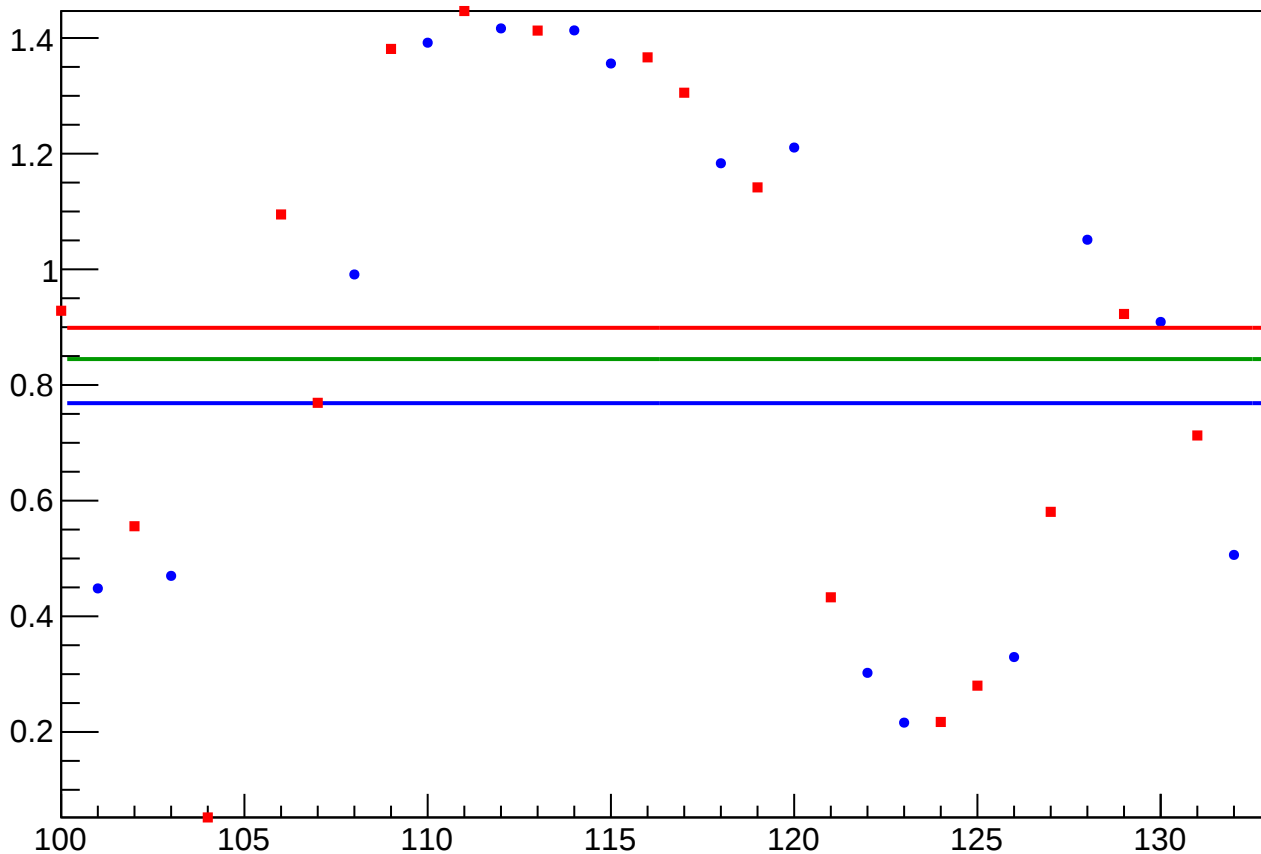
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 391762.8/14

0.034+/-0.000 χ^2/NDF : 674789.9/32

0.035+/-0.000 χ^2/NDF : 265565.2/17

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: 0.899+/-0.000 χ^2/NDF : 9555740687.3/17

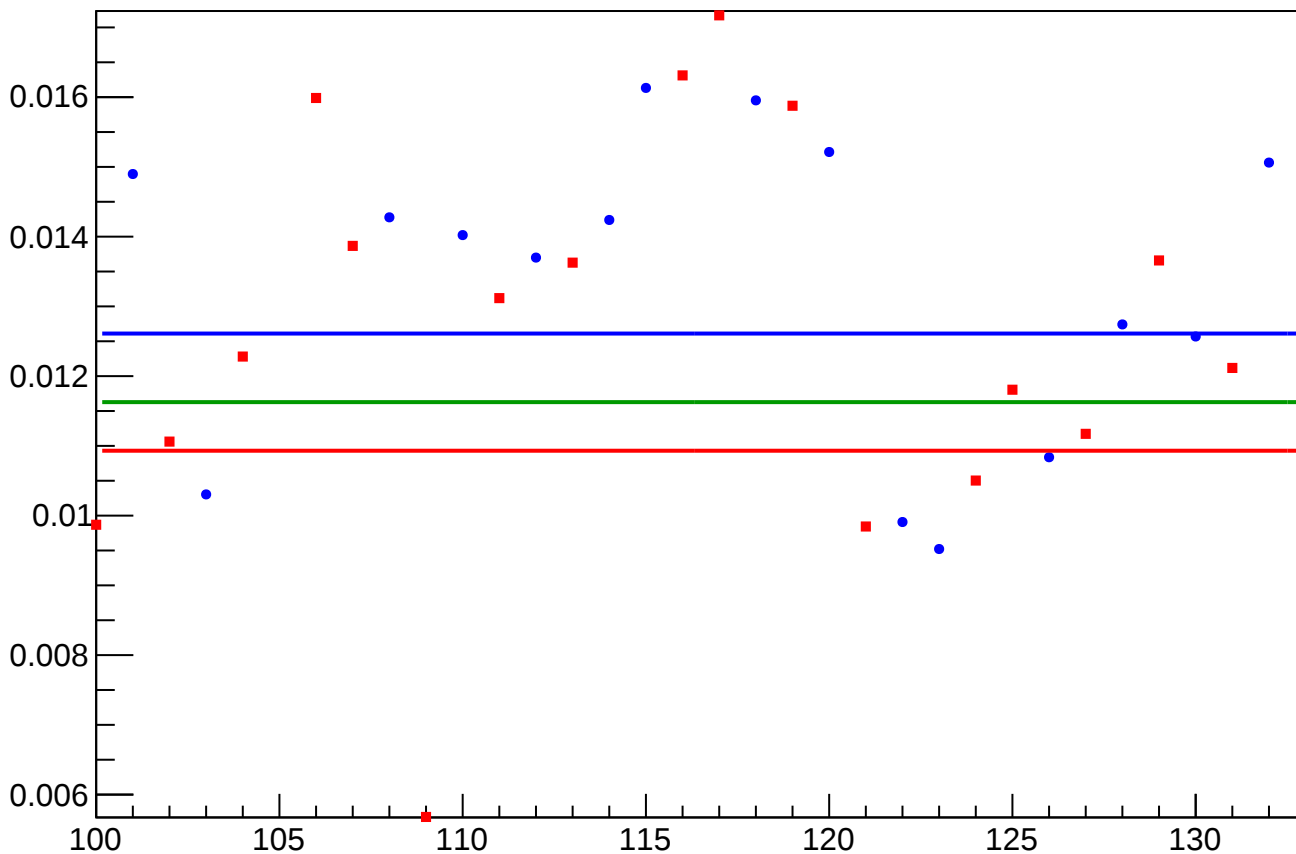
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.769+/-0.000 χ^2/NDF : 5355365440.9/14

0.845+/-0.000 χ^2/NDF : 15227574422.4/3

0.899+/-0.000 χ^2/NDF : 9555740687.3/17

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 : 921640.7/17

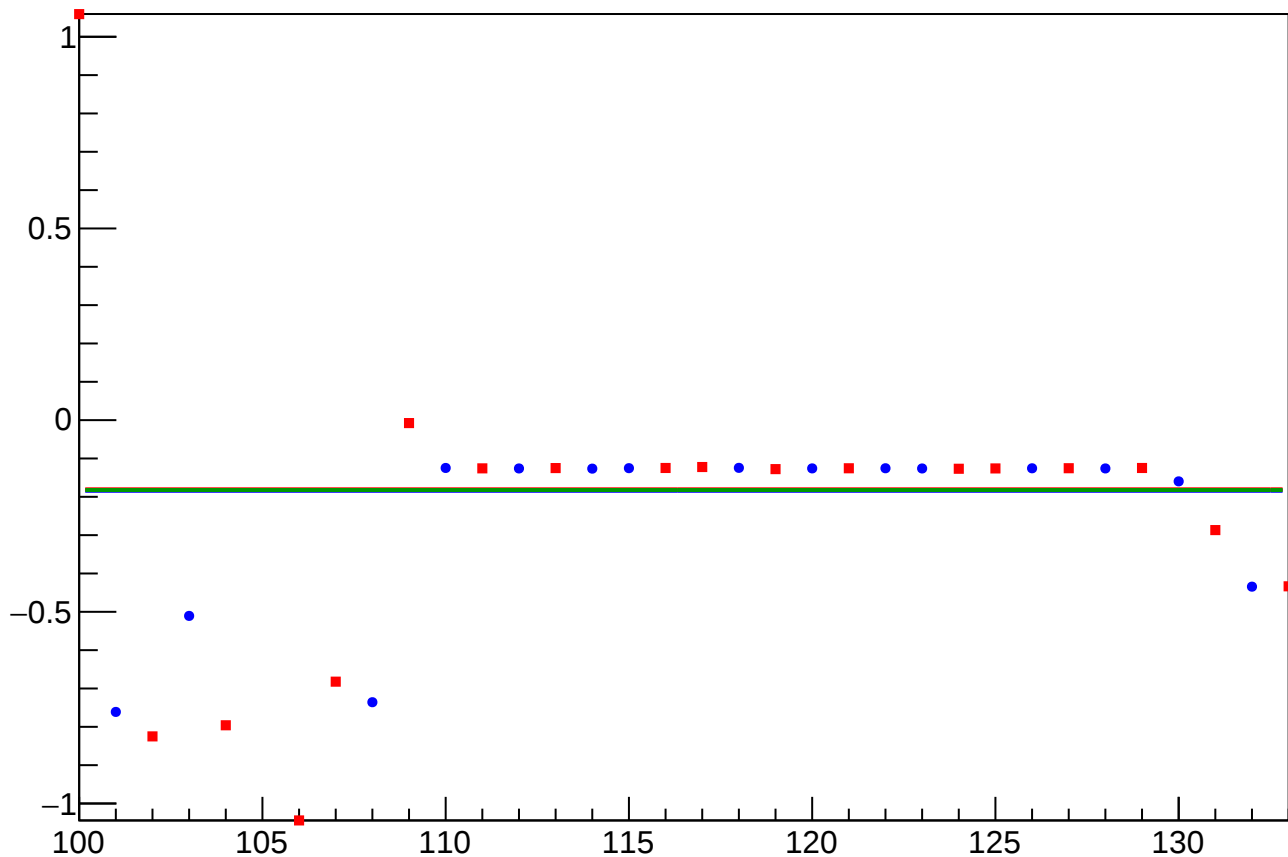
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 274066.6/14

0.012+/-0.000 χ^2/NDF : 1300969.4/32

0.011+/-0.000 χ^2/NDF : 921640.7/17

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: -0.180+/-0.000 χ^2/NDF : 565556058.8/17

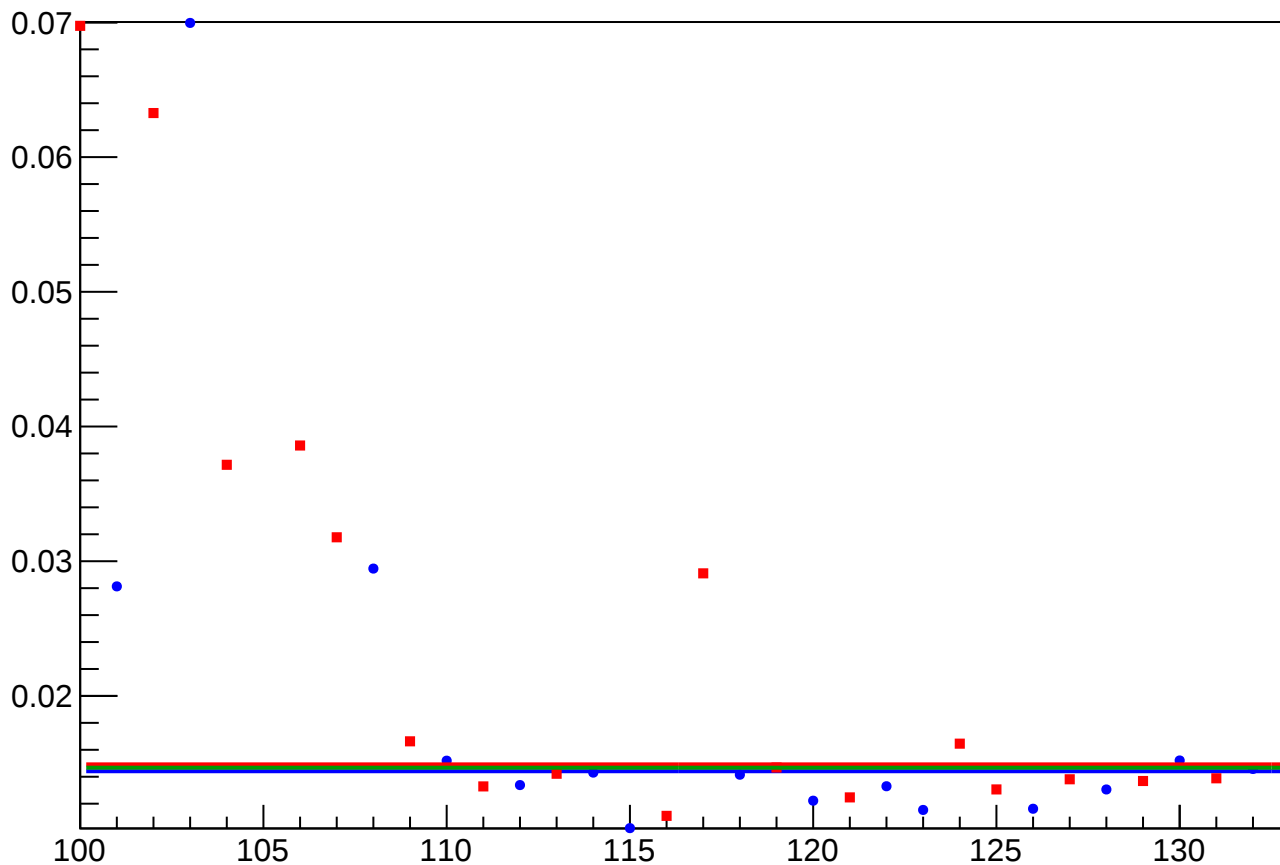
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.184+/-0.000 χ^2/NDF : 461454759.3/14

-0.182+/-0.000 χ^2/NDF : 1027153912.4/3

-0.180+/-0.000 χ^2/NDF : 565556058.8/17

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 : 1368311.3/17

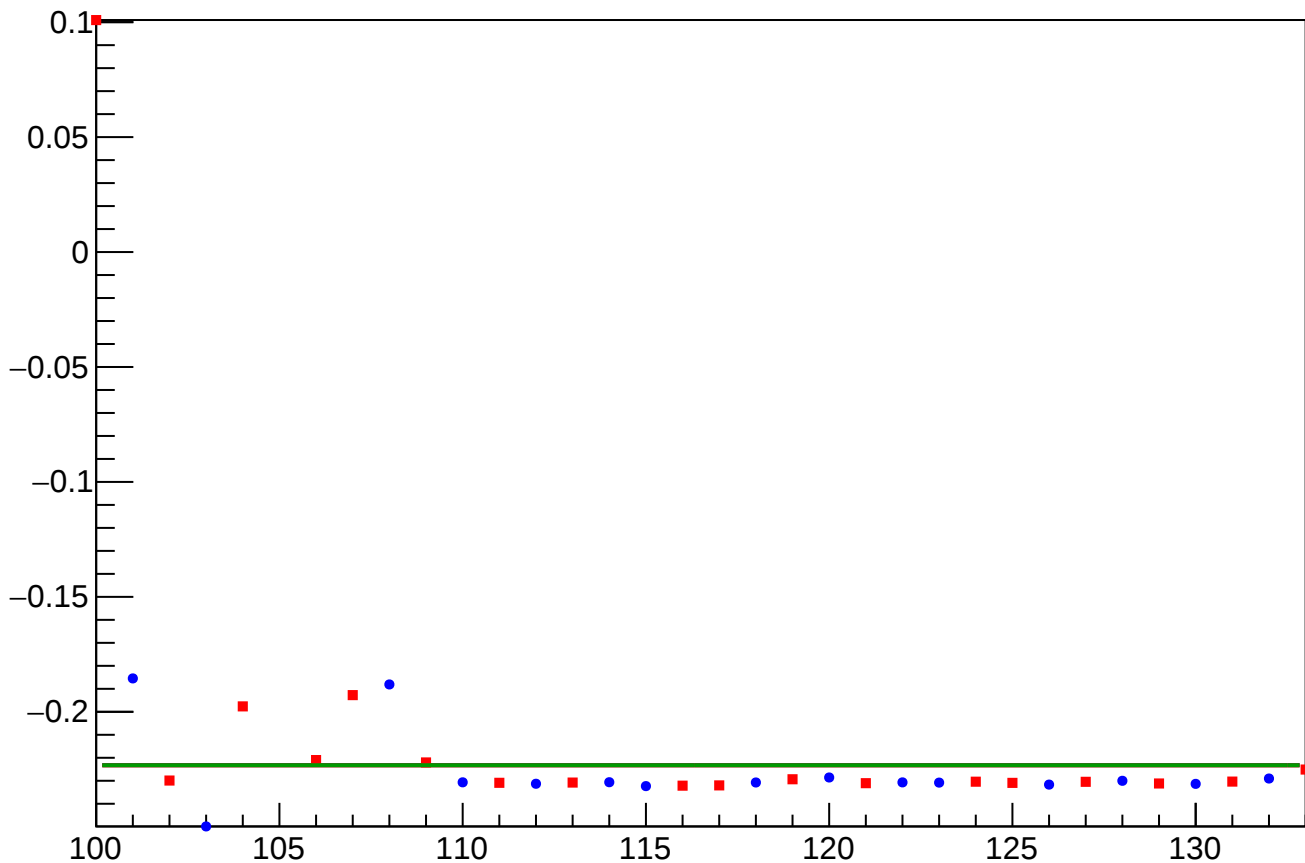
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1174939.3/14

0.015+/-0.000 χ^2/NDF : 2548470.8/32

0.015+/-0.000 χ^2/NDF : 1368311.3/17

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 : 168033206.7/17

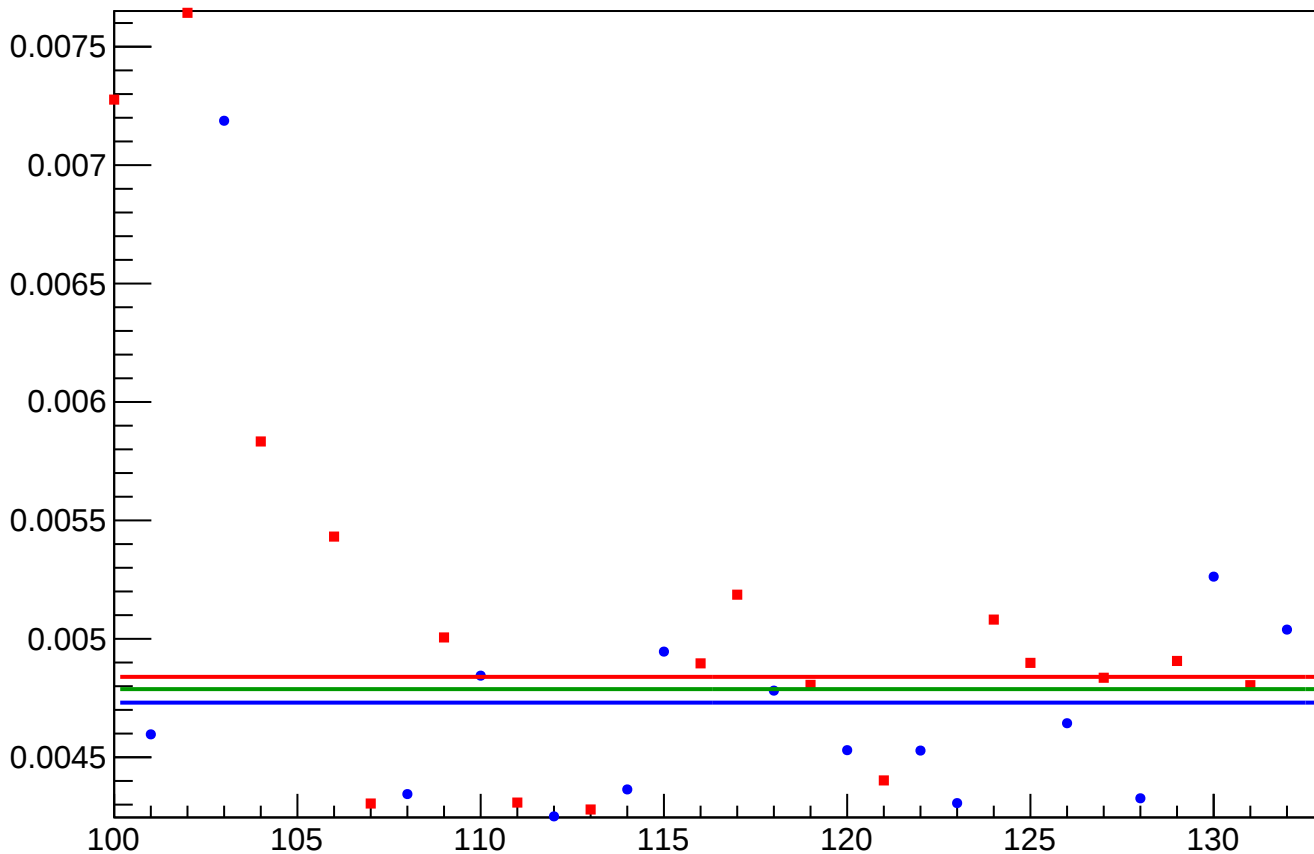
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 73964175.1/14

-0.223+/-0.000 χ^2/NDF : 241998852.1/32

-0.223+/-0.000 χ^2/NDF : 168033206.7/17

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 : 236446.7/17

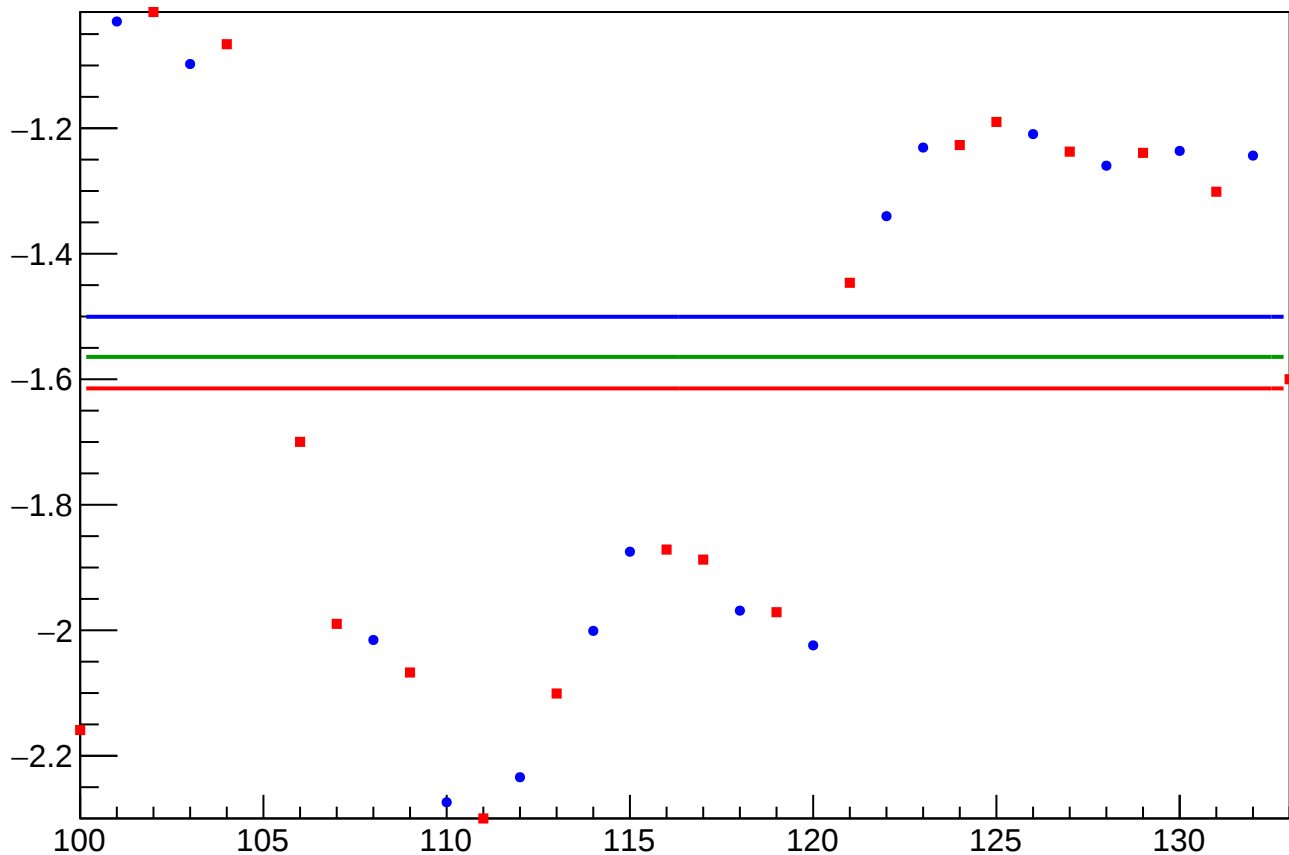
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 166646.9/14

0.005+/-0.000 χ^2/NDF : 405889.1/32

0.005+/-0.000 χ^2/NDF : 236446.7/17

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.500+/-0.000 χ^2/NDF : 22418067837.5/14

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

Right Out: -1.615+/-0.000 χ^2/NDF : 27865659911.2/17

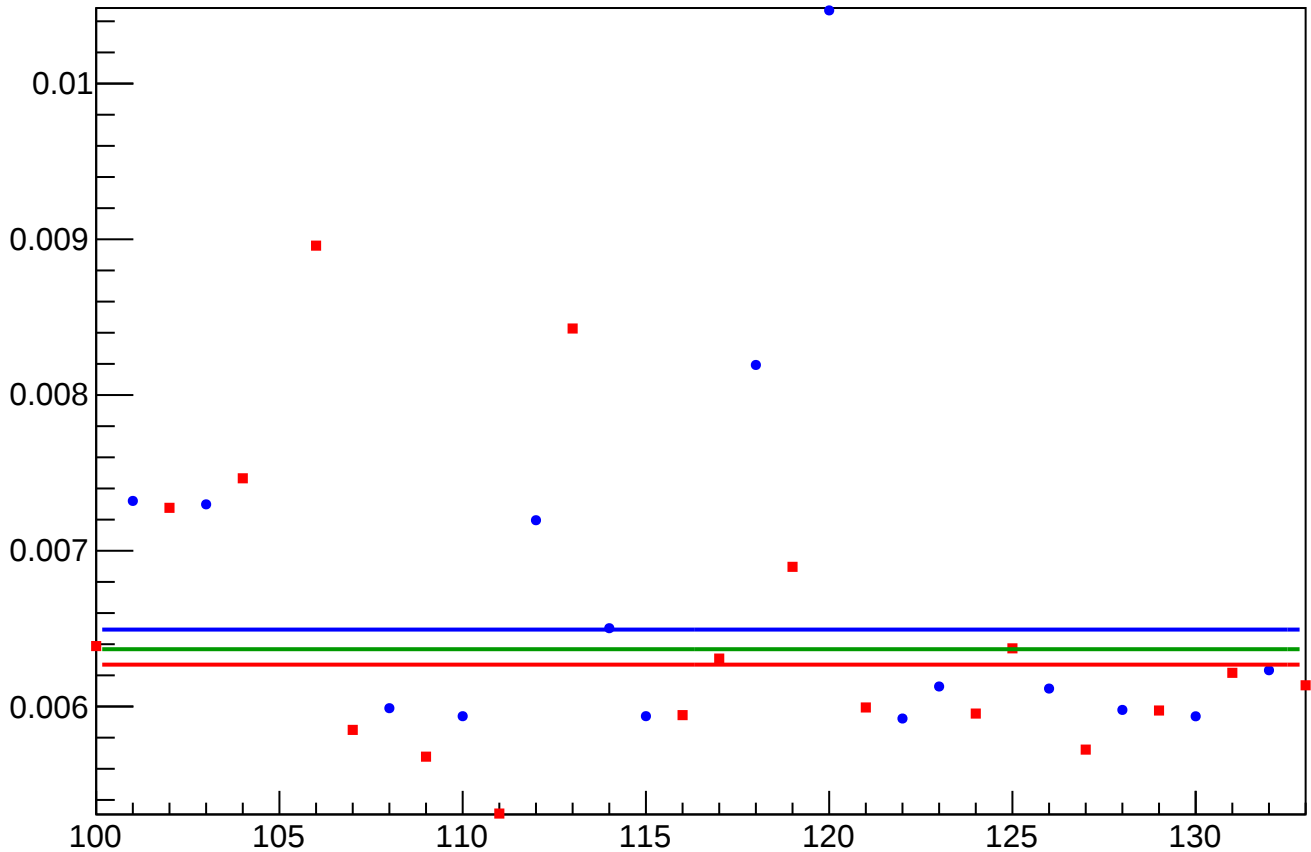
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.500+/-0.000 χ^2/NDF : 22418067837.5/14

-1.564+/-0.000 χ^2/NDF : 51159541281.4/3

-1.615+/-0.000 χ^2/NDF : 27865659911.2/17

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 : 195556.7/17

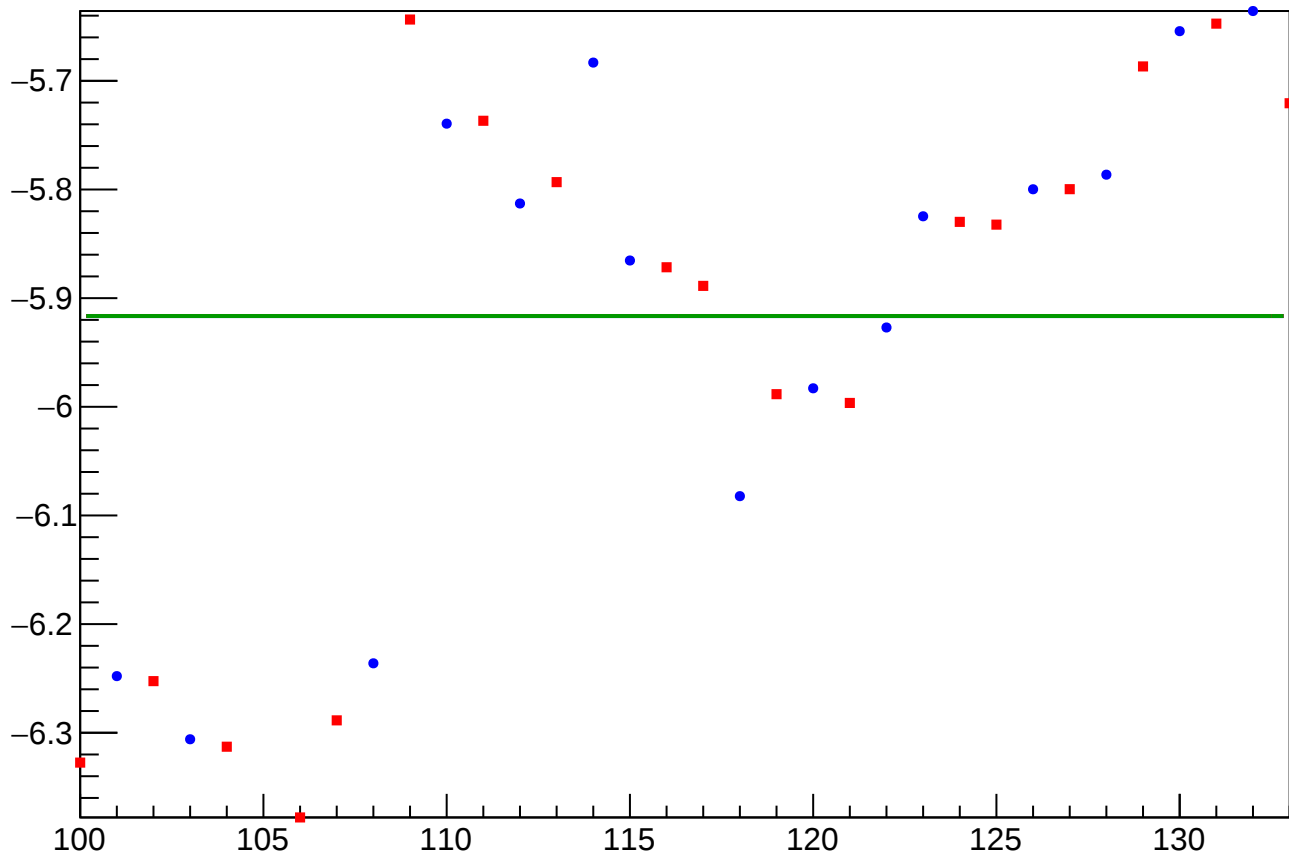
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 172807.2/14

0.006+/-0.000 χ^2/NDF : 375171.9/32

0.006+/-0.000 χ^2/NDF : 195556.7/17

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: -5.916+/-0.000 χ^2/NDF : 12723099338.6/17

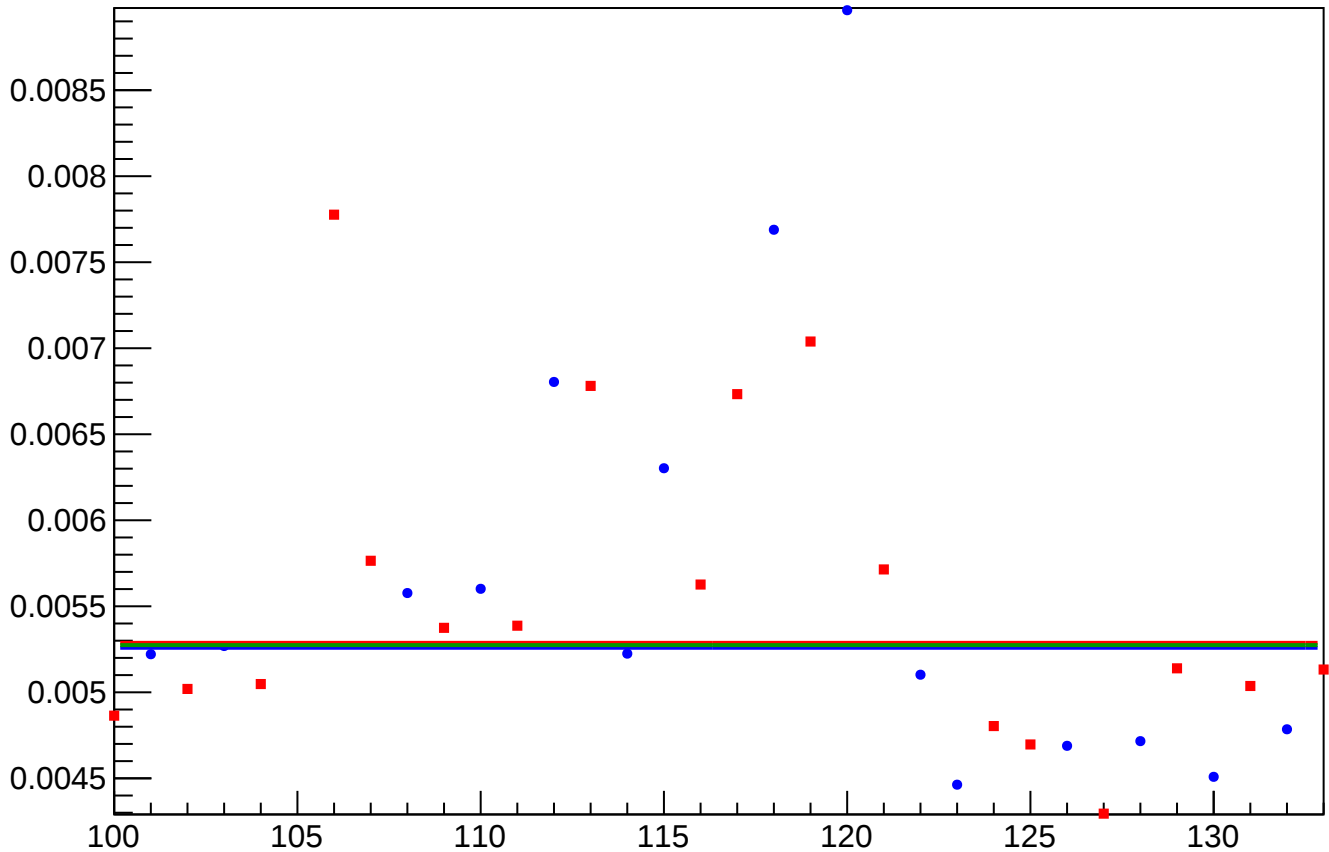
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-5.916+/-0.000 χ^2/NDF : 10789254956.4/14

-5.916+/-0.000 χ^2/NDF : 23512354547.9/3

-5.916+/-0.000 χ^2/NDF : 12723099338.6/17

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 : 222309.4/17

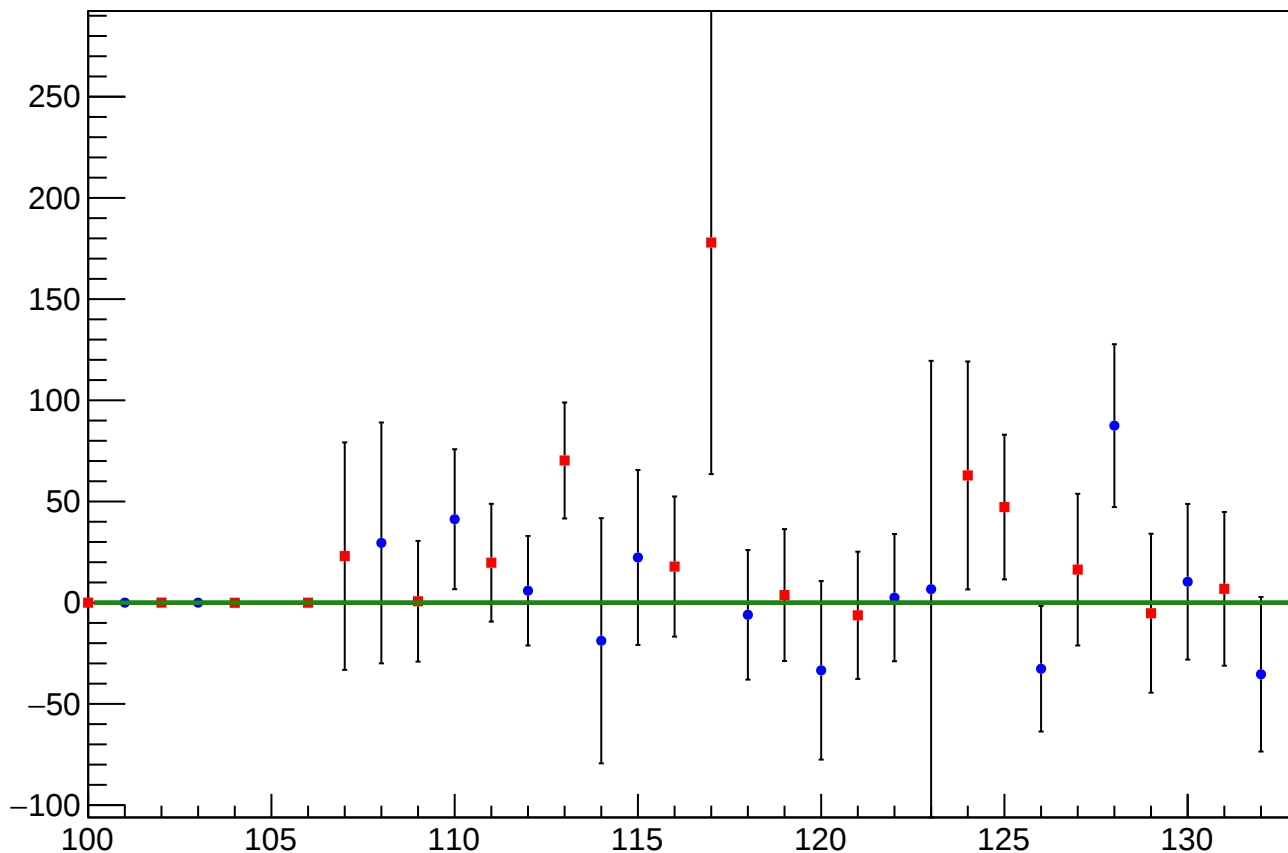
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 277971.2/14

0.005+/-0.000 χ^2/NDF : 500438.3/32

0.005+/-0.000 χ^2/NDF : 222309.4/17

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 : 17.5/17

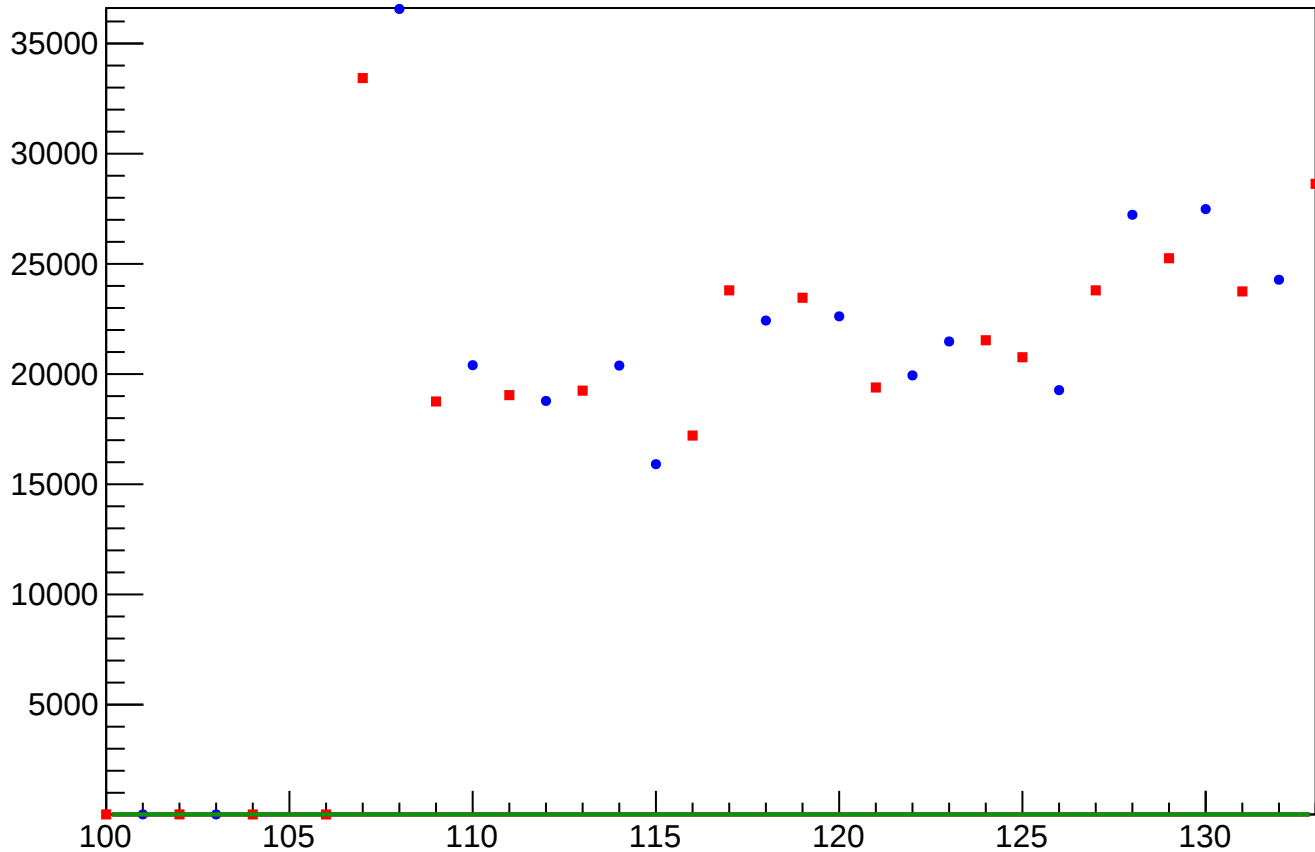
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 9.6/14

0.004+/-0.012 χ^2/NDF : 27.6/32

-0.003+/-0.016 χ^2/NDF : 17.5/17

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: 18.299+/-0.011 χ^2 /NDF: 9875462.9/17

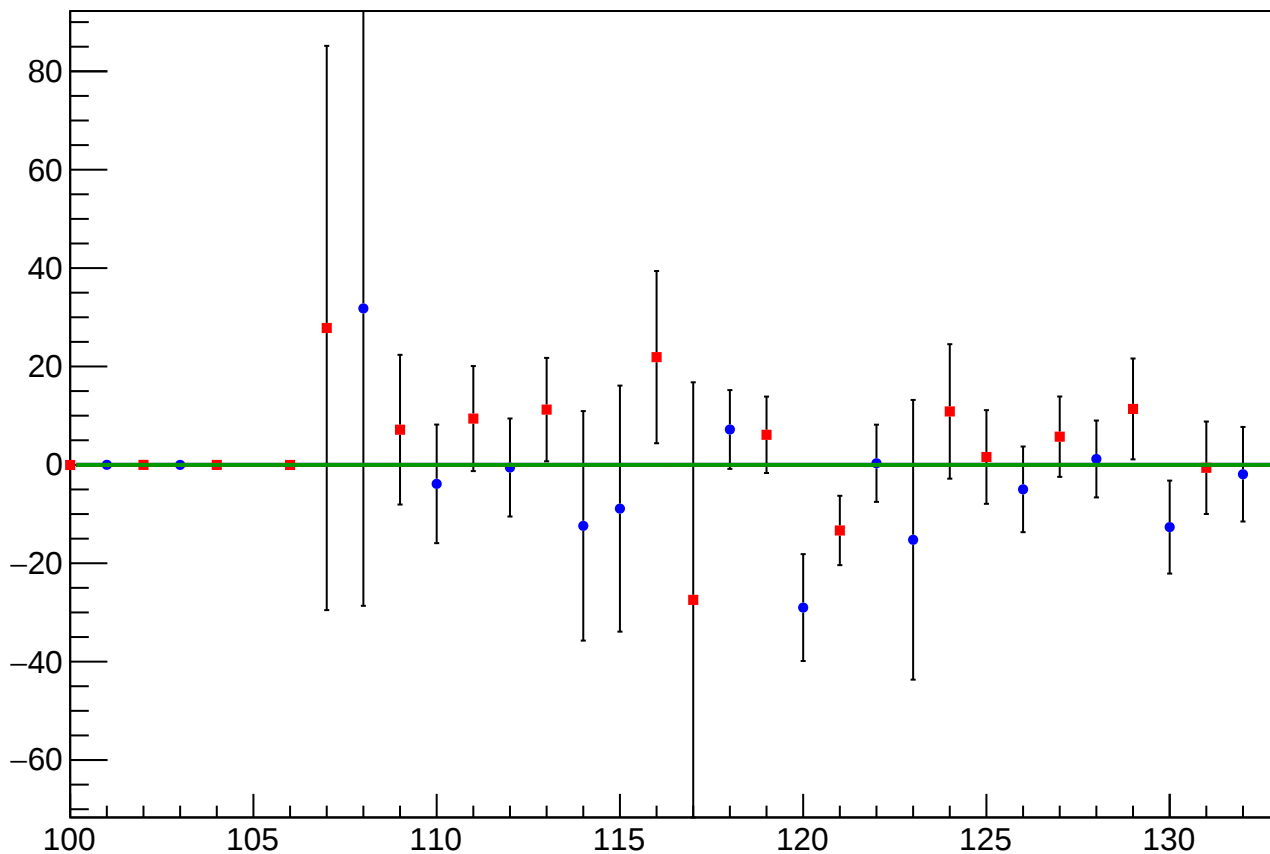
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.618+/-0.012 χ^2 /NDF: 8814727.8/14

18.447+/-0.008 χ^2 /NDF: 18690554.9/32

18.299+/-0.011 χ^2 /NDF: 9875462.9/17

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 12.3/14

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

Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 16.6/17

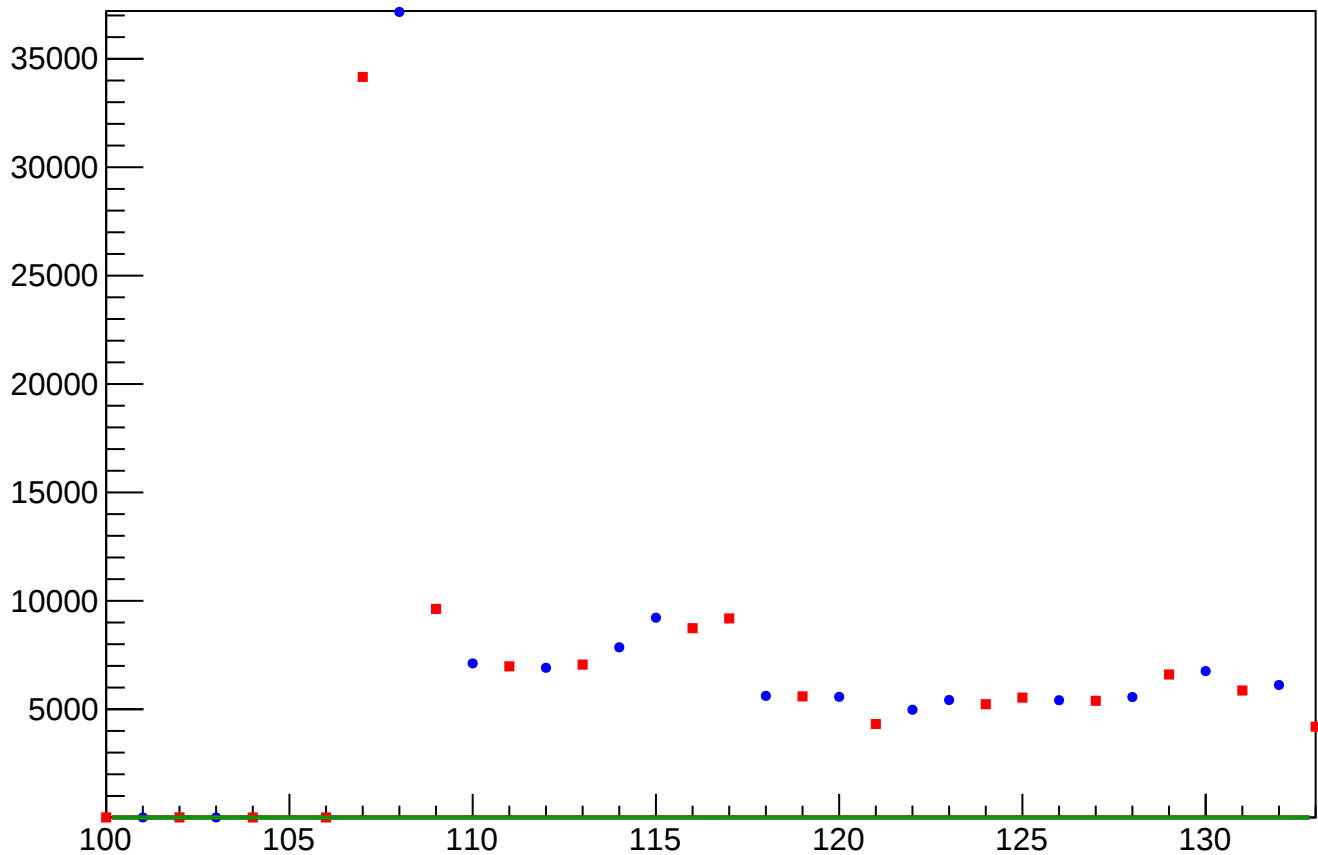
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.001 $\pm$ 0.009 χ^2 /NDF: 12.3/14

-0.007 $\pm$ 0.006 χ^2 /NDF: 30.3/32

-0.014 $\pm$ 0.009 χ^2 /NDF: 16.6/17

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: 9.840+/-0.006 χ^2/NDF : 9929231.5/17

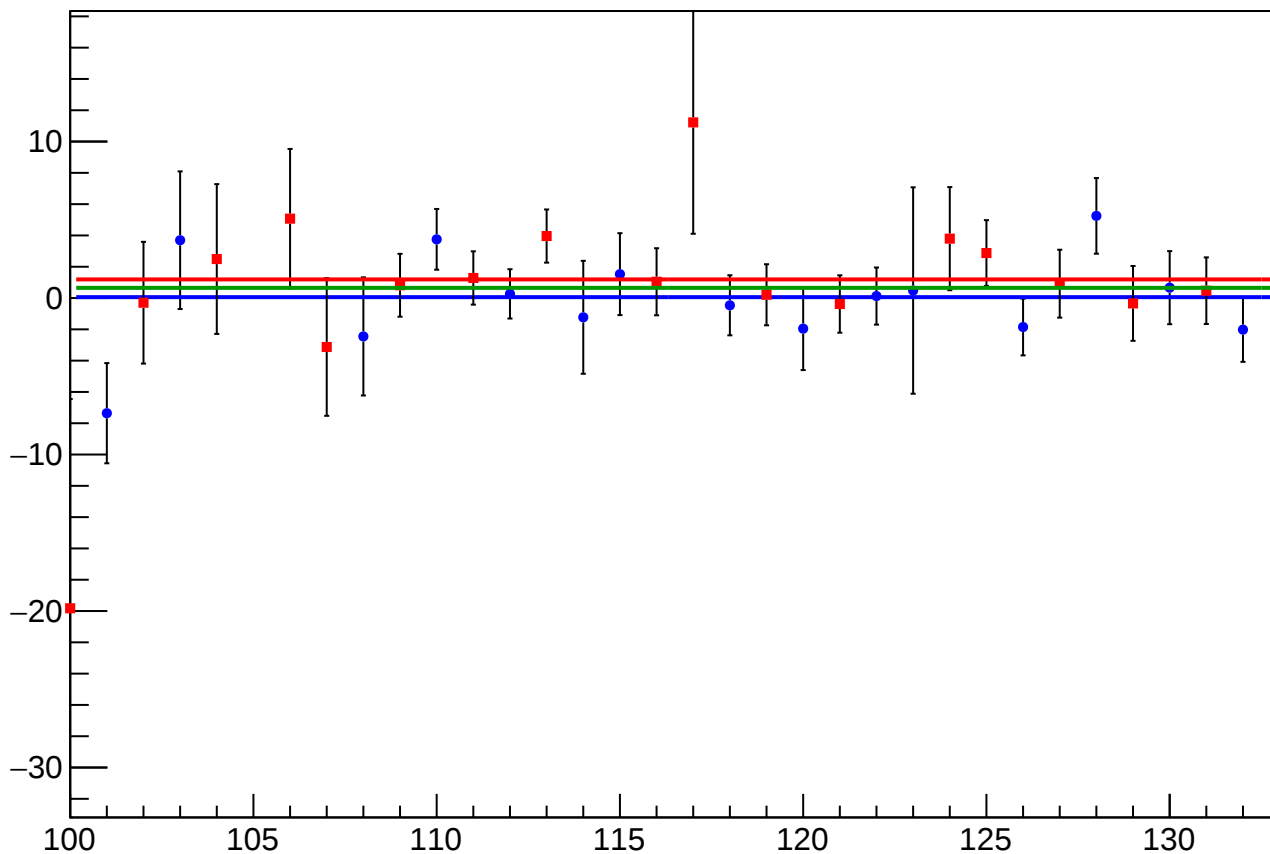
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.913+/-0.007 χ^2/NDF : 8907846.3/14

9.874+/-0.004 χ^2/NDF : 18837145.1/32

9.840+/-0.006 χ^2/NDF : 9929231.5/17

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.057 $\pm$ 0.604 χ^2 /NDF: 18.0/14

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

Right Out: 1.191 $\pm$ 0.575 χ^2 /NDF: 12.5/17

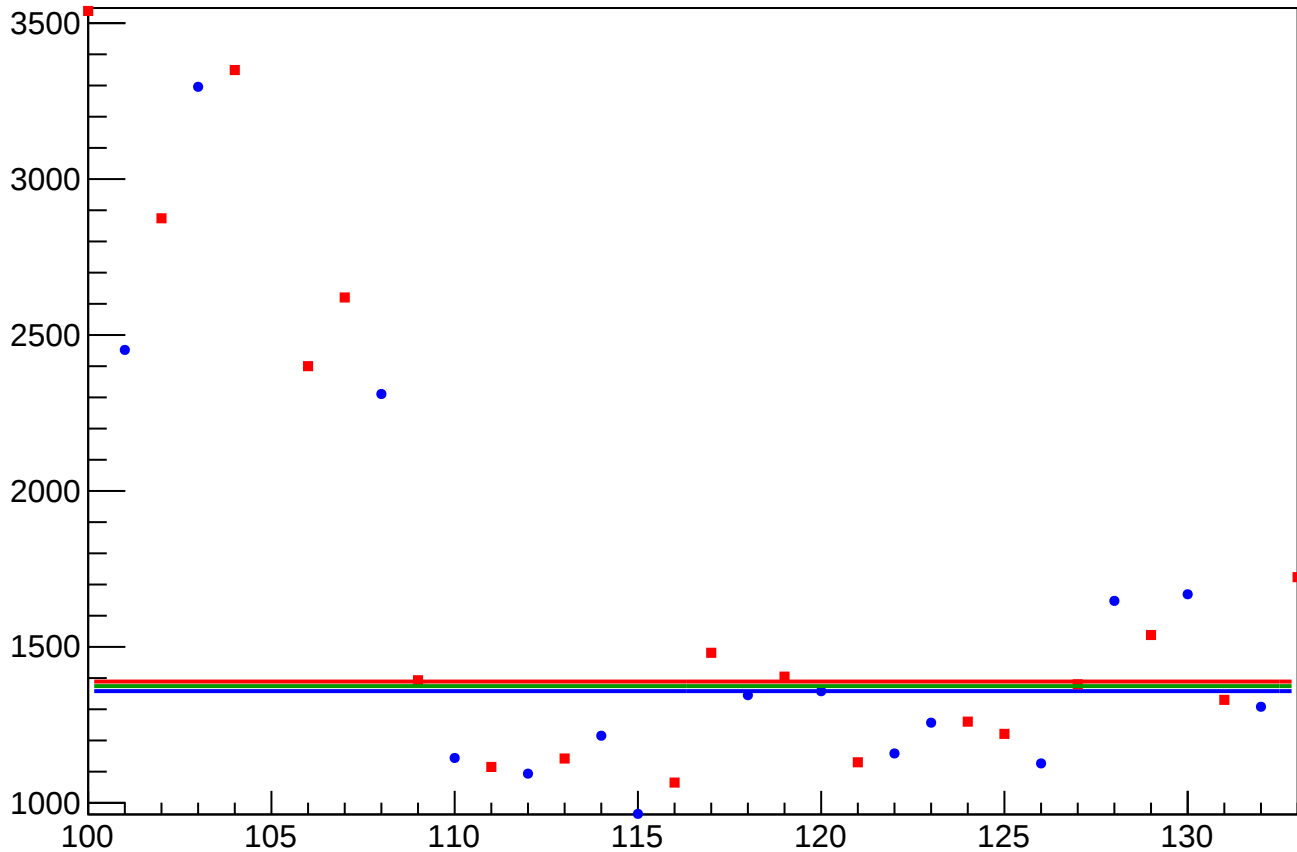
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.057 $\pm$ 0.604 χ^2 /NDF: 18.0/14

0.652 $\pm$ 0.416 χ^2 /NDF: 32.4/32

1.191 $\pm$ 0.575 χ^2 /NDF: 12.5/17

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: 1388.875+/-0.407 χ^2/NDF : 1176317.3/17

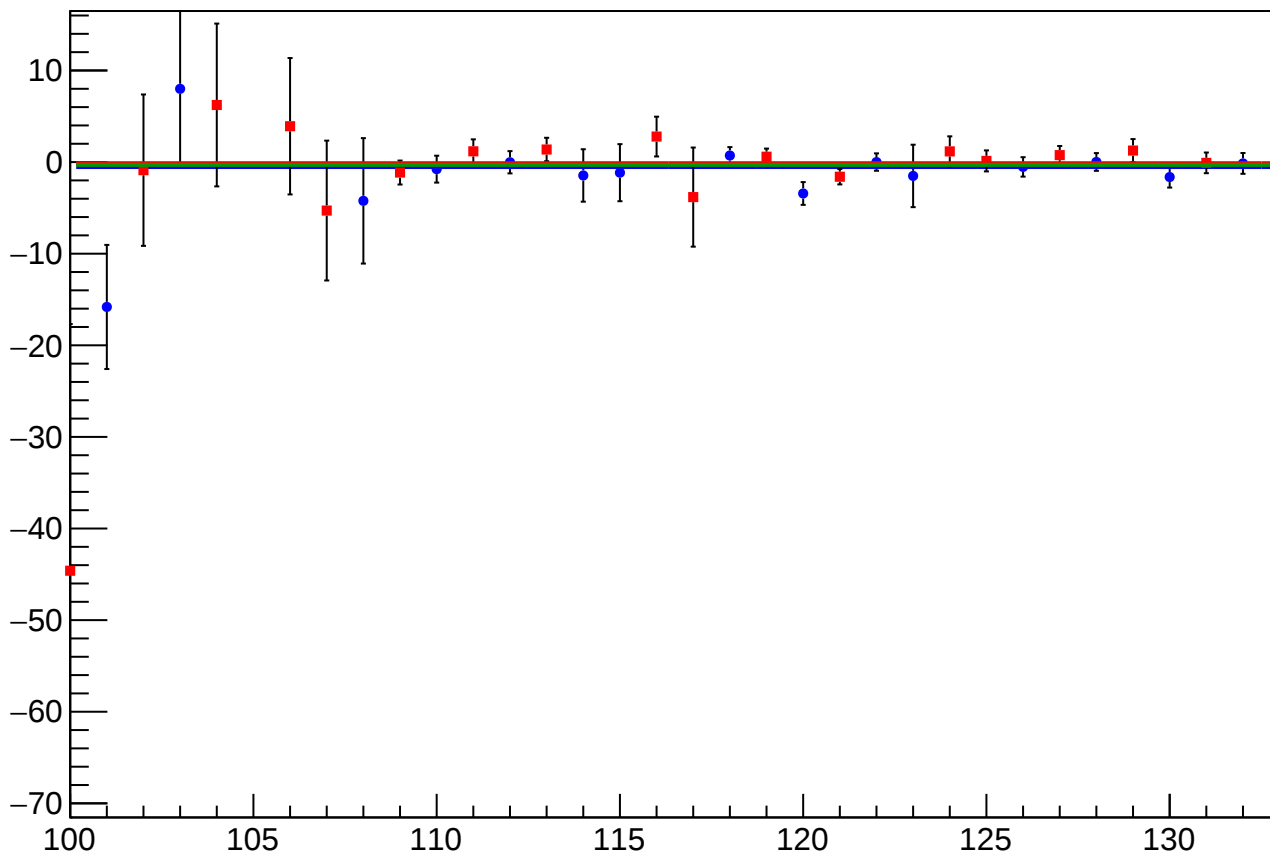
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1358.213+/-0.427 χ^2/NDF : 1000838.0/14

1374.293+/-0.294 χ^2/NDF : 2179860.5/32

1388.875+/-0.407 χ^2/NDF : 1176317.3/17

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: -0.122 ± 0.312 χ^2/NDF : 19.8/17

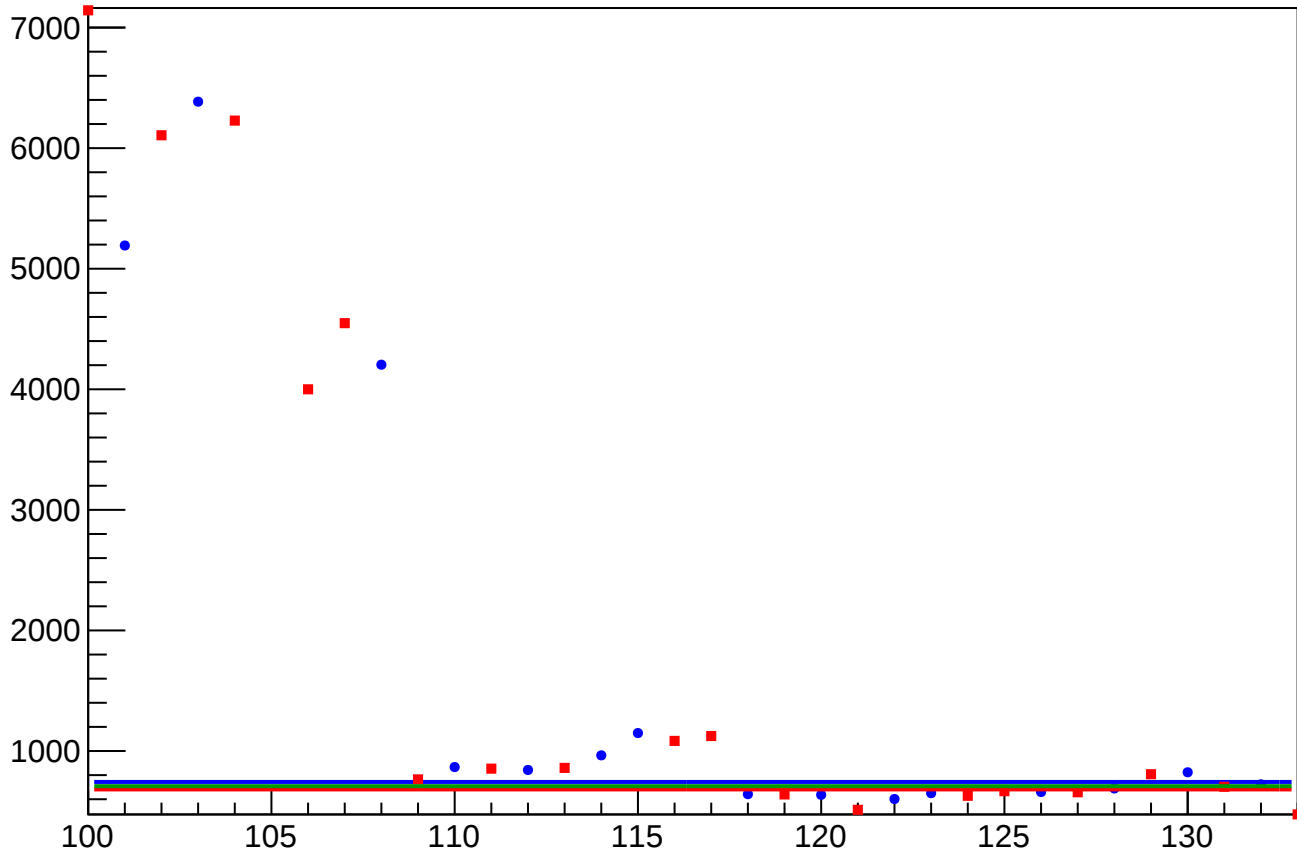
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.538 ± 0.355 χ^2/NDF : 15.8/14

-0.304 ± 0.234 χ^2/NDF : 36.4/32

-0.122 ± 0.312 χ^2/NDF : 19.8/17

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: 681.350+/-0.221 χ^2/NDF : 3104883.6/17

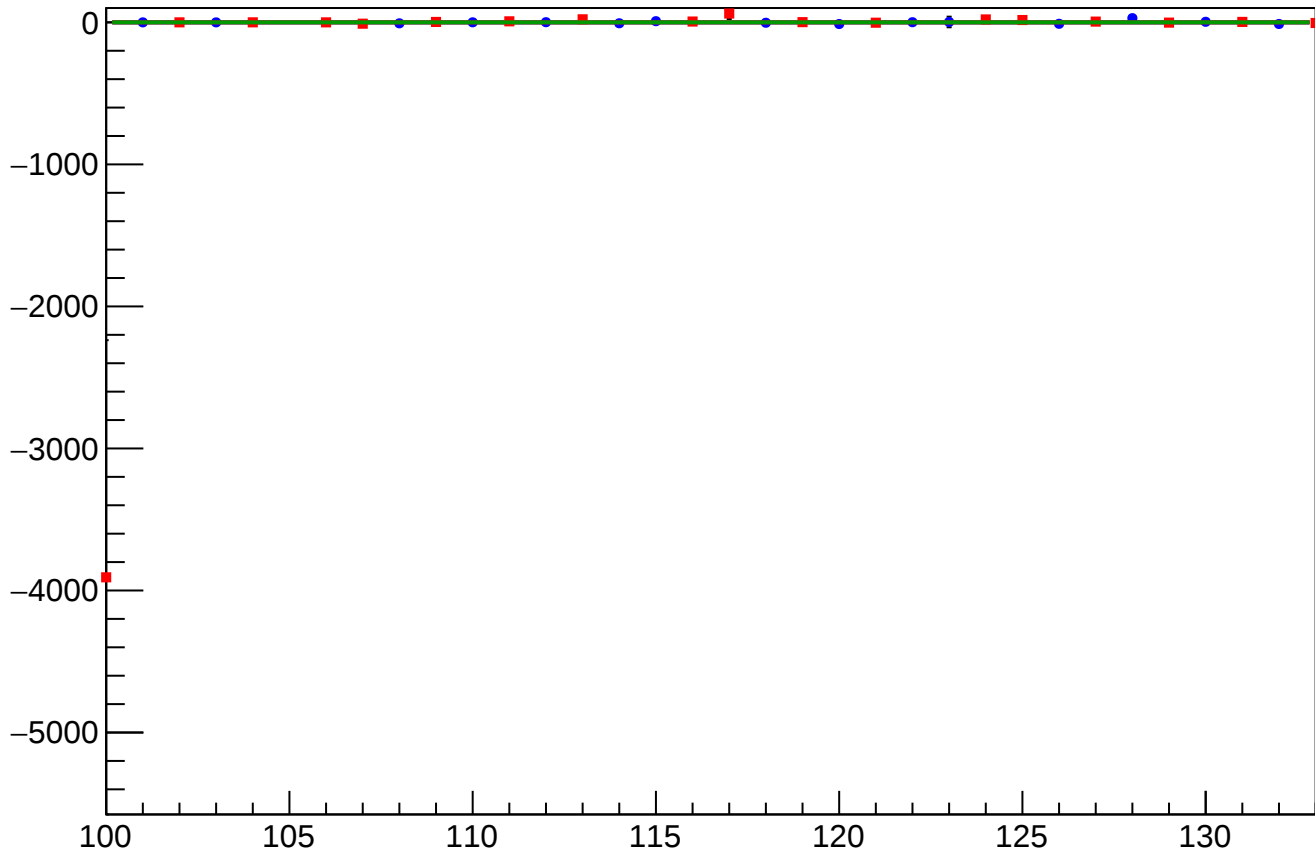
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

743.465+/-0.251 χ^2/NDF : 2443651.4/14

708.486+/-0.166 χ^2/NDF : 5583073.4/32

681.350+/-0.221 χ^2/NDF : 3104883.6/17

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 : 19.6/17

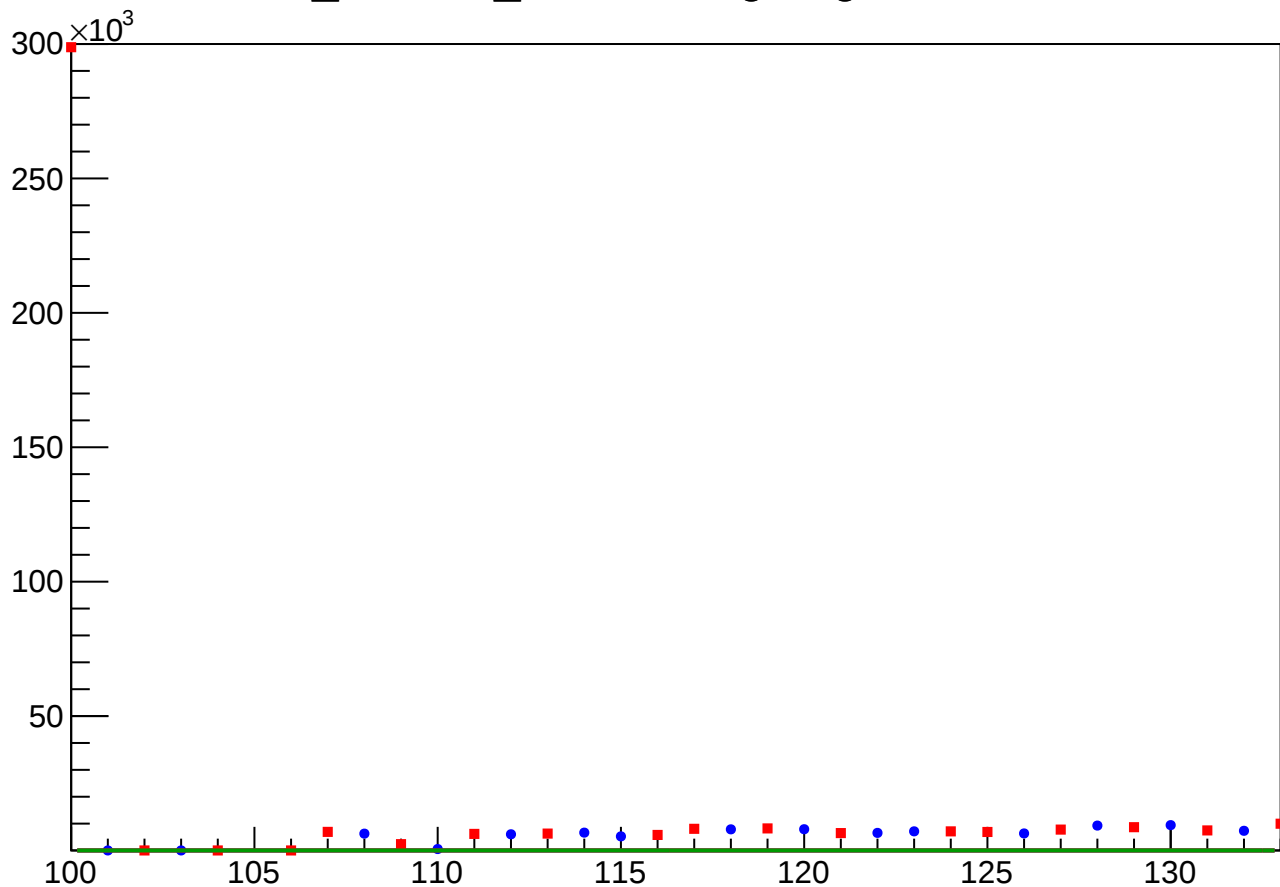
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.021 ± 0.021 χ^2/NDF : 8.9/14

0.004 ± 0.014 χ^2/NDF : 31.3/32

0.027 ± 0.020 χ^2/NDF : 19.6/17

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: 17.217 $\pm$ 0.014 χ^2 /NDF: 9591252.3/17

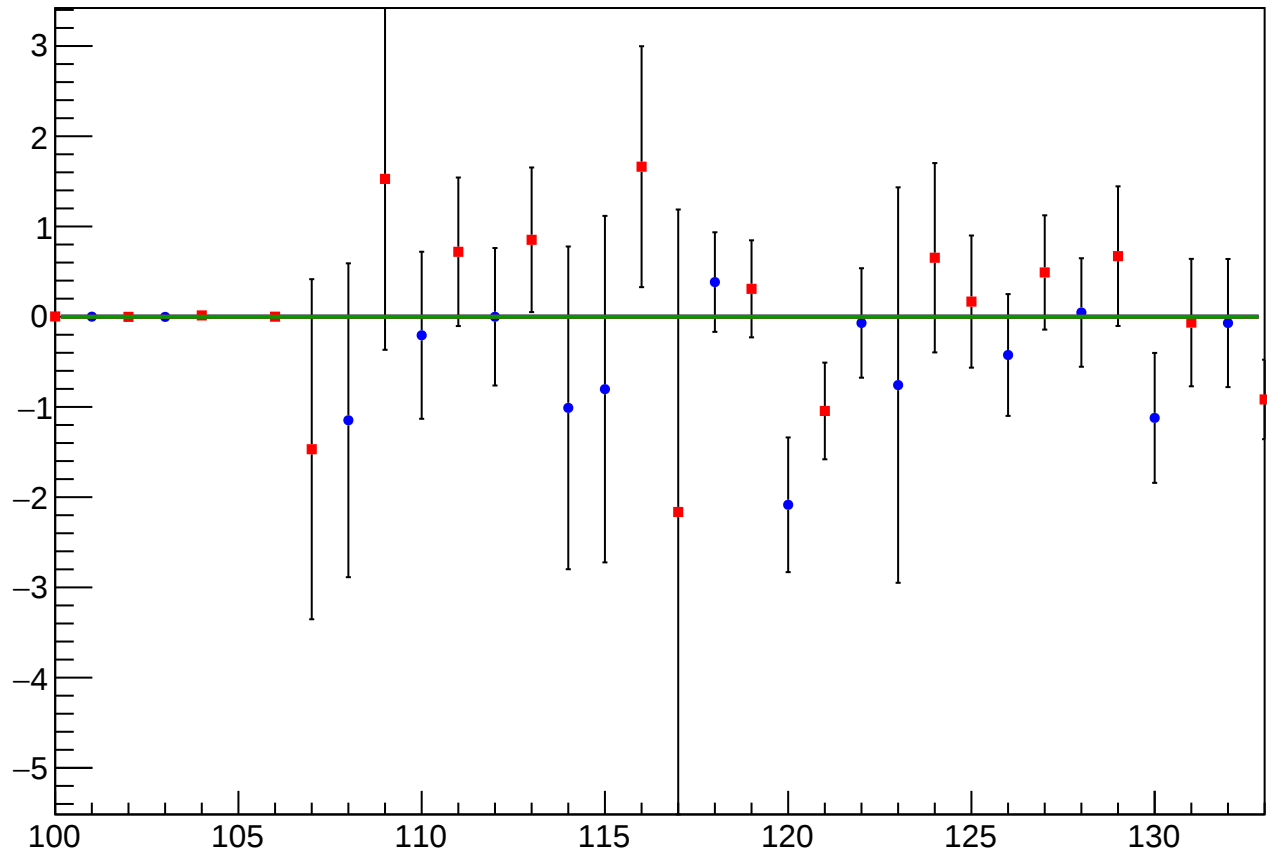
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.245 $\pm$ 0.015 χ^2 /NDF: 8341208.8/14

17.230 $\pm$ 0.010 χ^2 /NDF: 17932463.0/32

17.217 $\pm$ 0.014 χ^2 /NDF: 9591252.3/17

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: 16.4/17

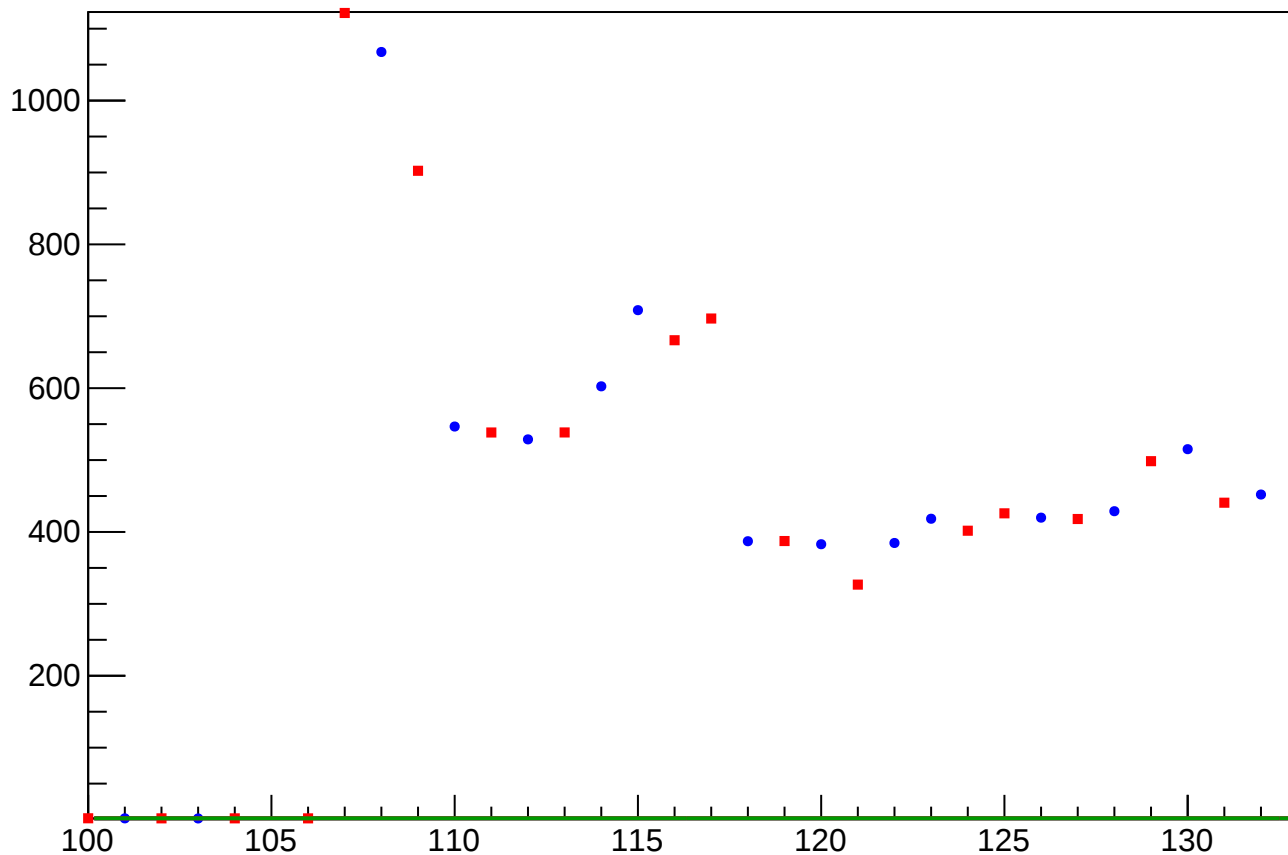
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 12.4/14

-0.000 $\pm$ 0.001 χ^2 /NDF: 28.9/32

-0.001 $\pm$ 0.002 χ^2 /NDF: 16.4/17

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.683+/-0.001 χ^2/NDF : 8867104.5/14

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

Right Out: 1.719+/-0.001 χ^2/NDF : 9522091.6/17

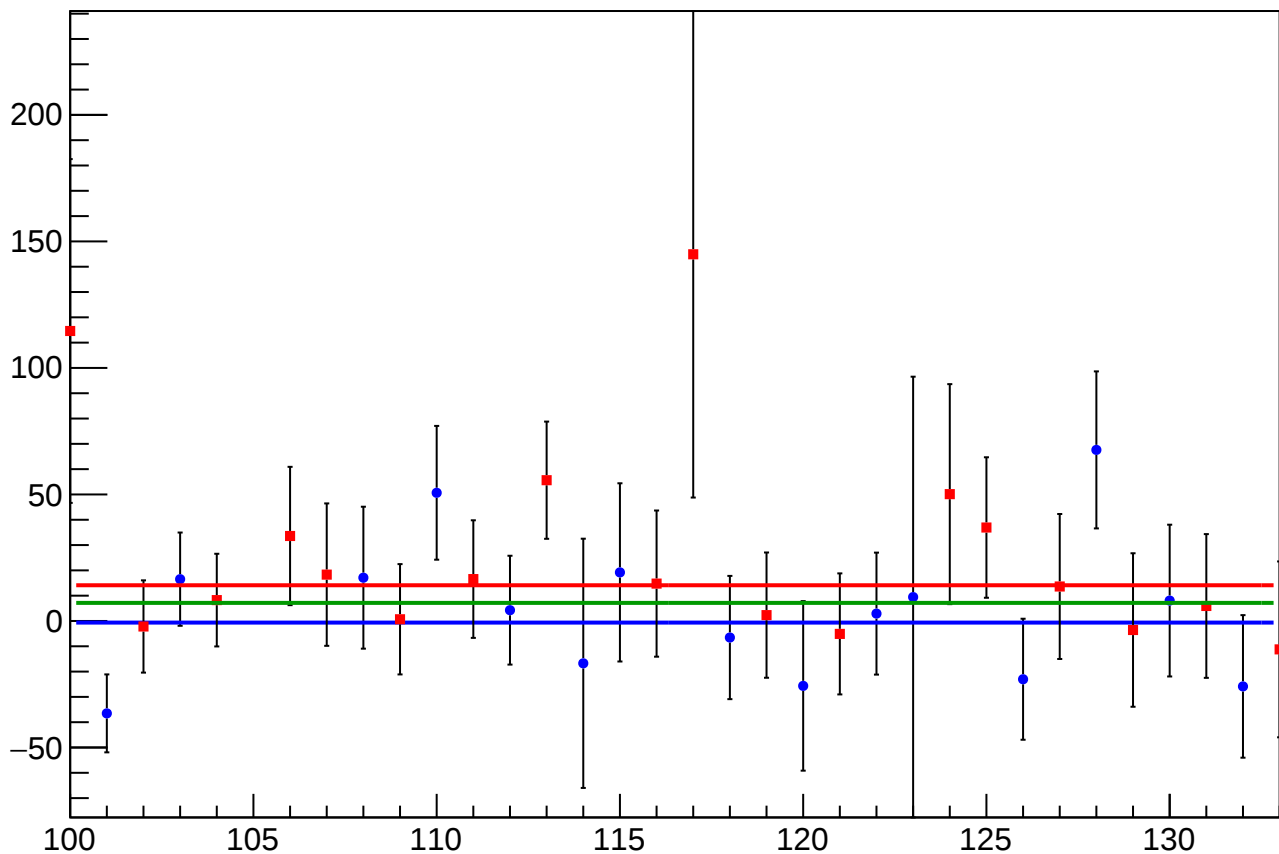
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.683+/-0.001 χ^2/NDF : 8867104.5/14

1.702+/-0.001 χ^2/NDF : 18389526.5/32

1.719+/-0.001 χ^2/NDF : 9522091.6/17

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.636 ± 6.618 χ^2/NDF : 18.2/14

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

Right Out: 14.117 ± 6.260 χ^2/NDF : 12.3/17

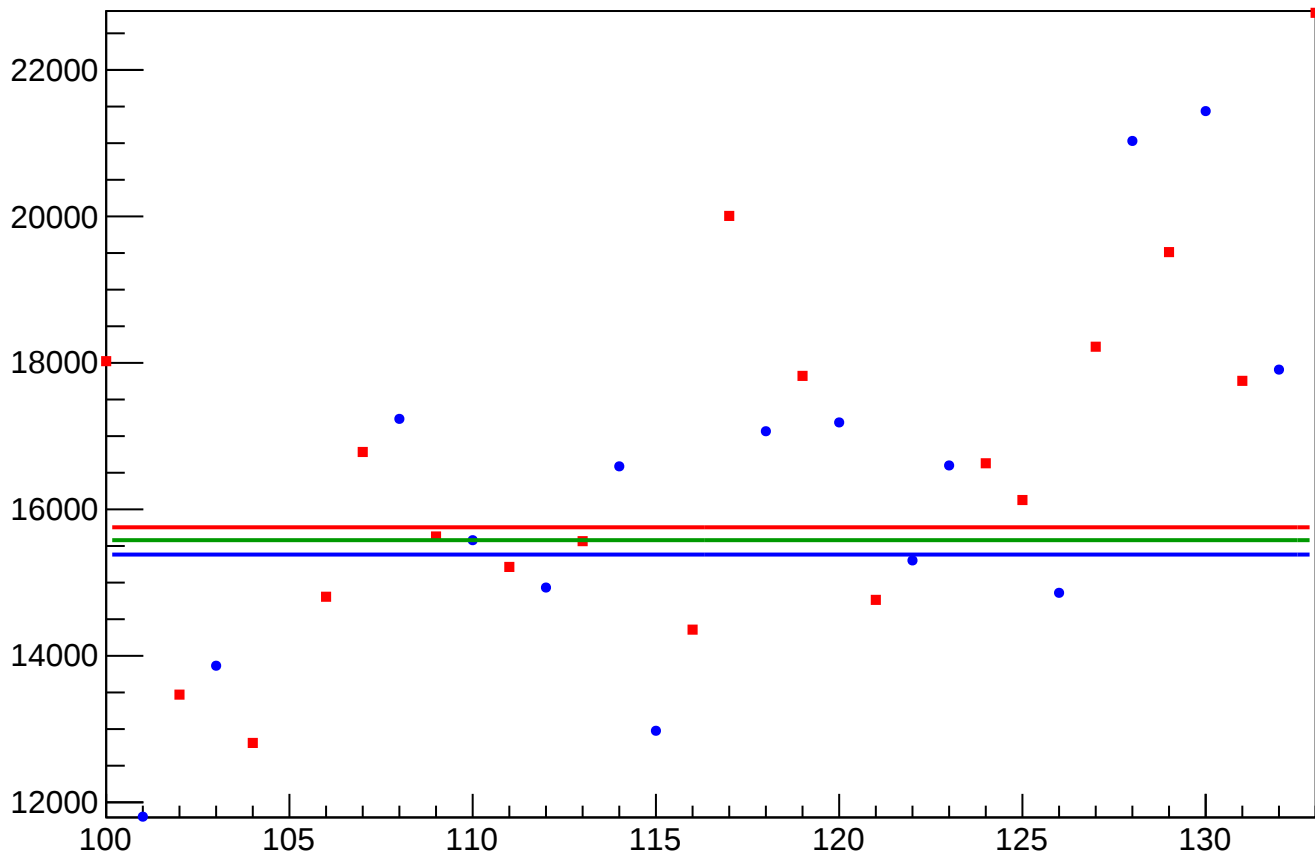
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.636 ± 6.618 χ^2/NDF : 18.2/14

7.150 ± 4.548 χ^2/NDF : 33.1/32

14.117 ± 6.260 χ^2/NDF : 12.3/17

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15382.895+/-4.679 χ^2/NDF : 322387.8/14

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

Right Out: 15755.252+/-4.426 χ^2/NDF : 256025.5/17

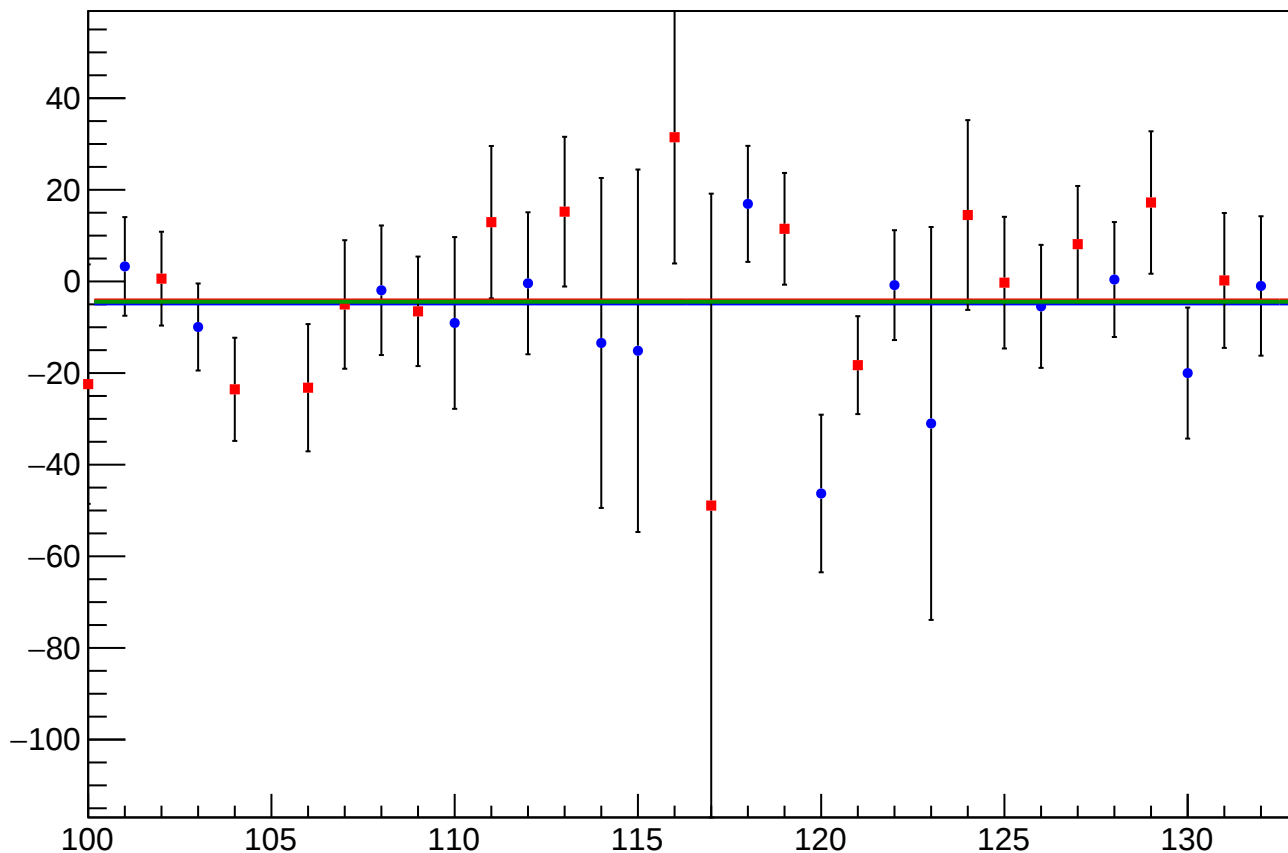
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15382.895+/-4.679 χ^2/NDF : 322387.8/14

15579.411+/-3.216 χ^2/NDF : 581754.9/32

15755.252+/-4.426 χ^2/NDF : 256025.5/17

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: -4.154+/-3.293 χ^2/NDF : 19.6/17

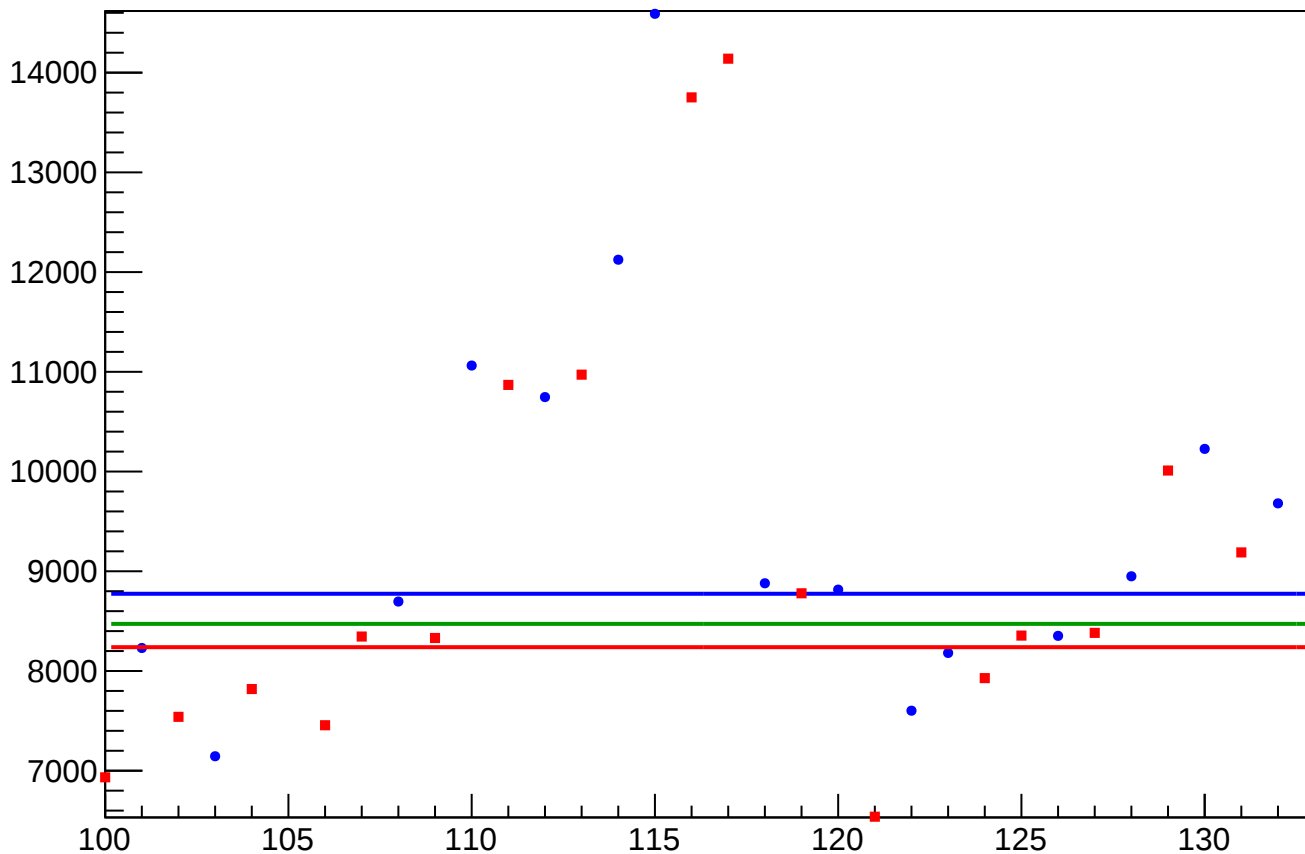
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.793+/-3.744 χ^2/NDF : 11.8/14

-4.433+/-2.473 χ^2/NDF : 31.4/32

-4.154+/-3.293 χ^2/NDF : 19.6/17

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8774.433+/-2.647 χ^2/NDF : 236487.2/14

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

Right Out: 8238.808+/-2.329 χ^2/NDF : 359678.2/17

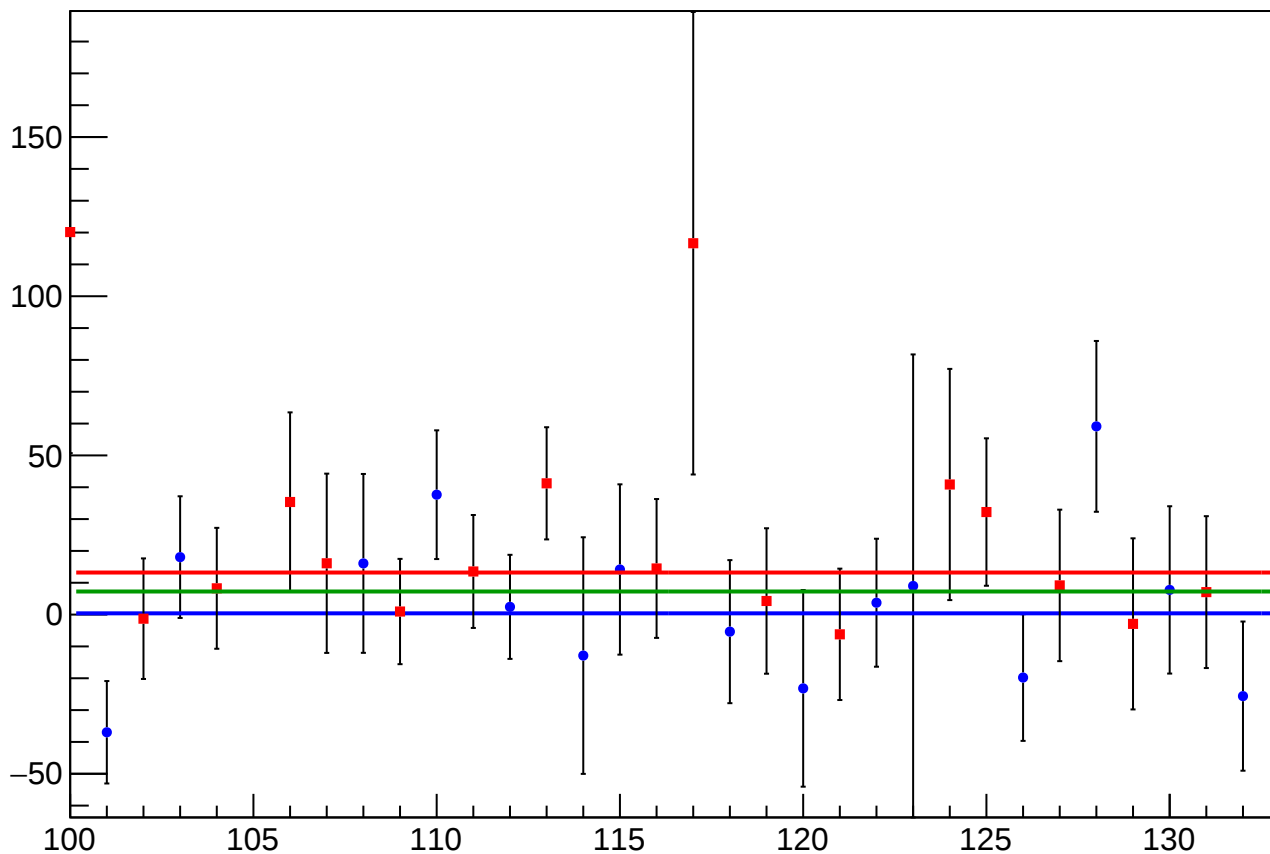
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8774.433+/-2.647 χ^2/NDF : 236487.2/14

8472.478+/-1.748 χ^2/NDF : 619246.6/32

8238.808+/-2.329 χ^2/NDF : 359678.2/17

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: 13.211+/-5.469 χ^2/NDF : 12.0/17

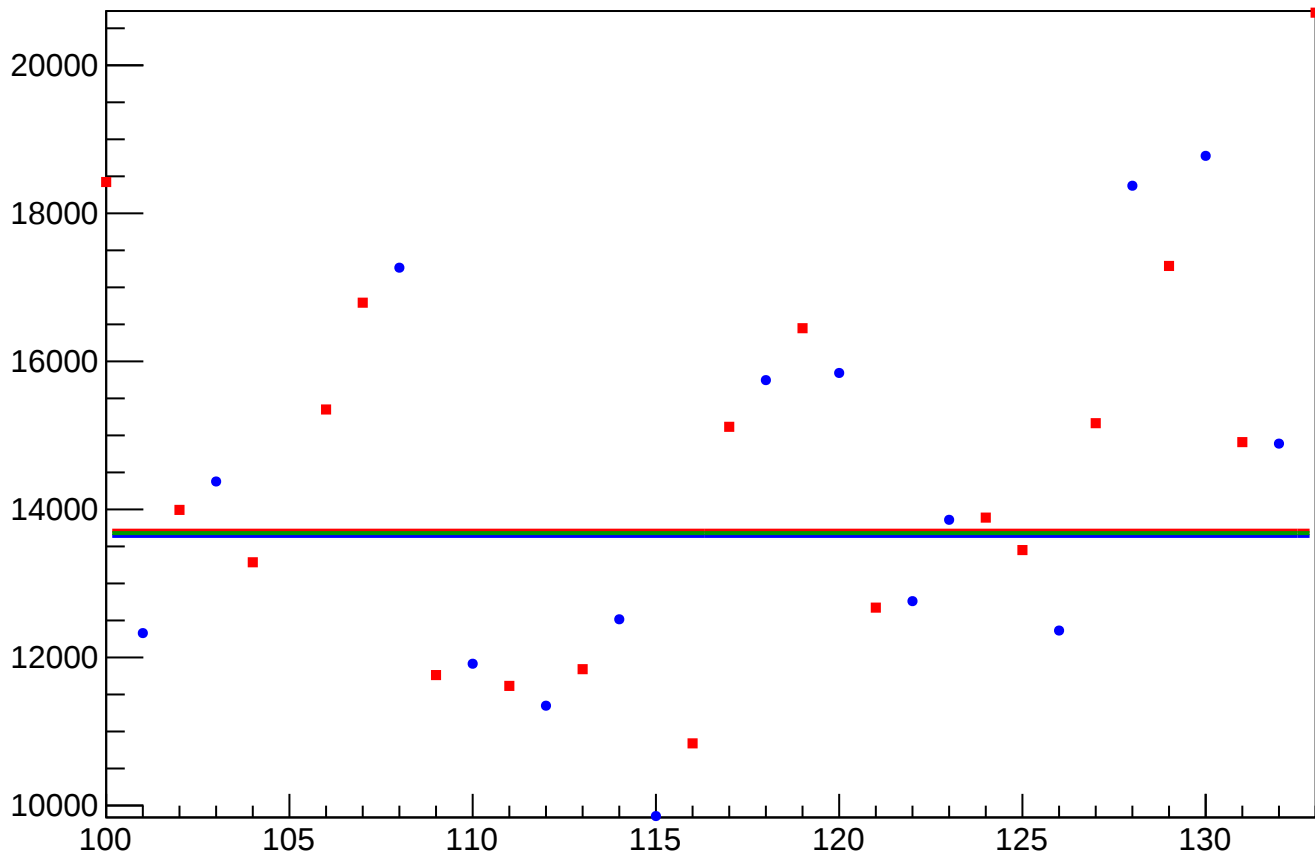
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.394+/-5.866 χ^2/NDF : 18.2/14

7.252+/-4.000 χ^2/NDF : 32.7/32

13.211+/-5.469 χ^2/NDF : 12.0/17

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: 13713.094+/-3.867 χ^2/NDF : 335237.6/17

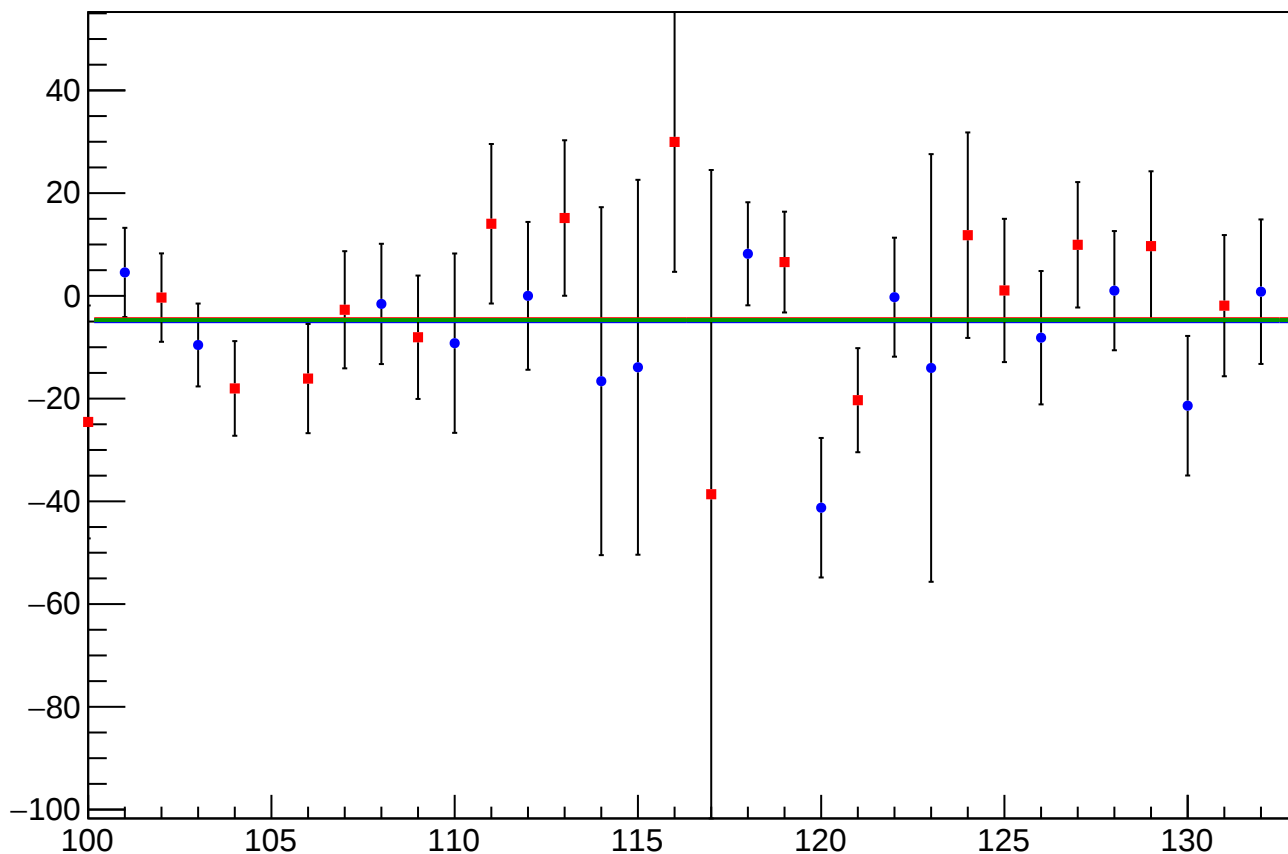
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13642.291+/-4.148 χ^2/NDF : 329449.2/14

13680.173+/-2.828 χ^2/NDF : 664842.7/32

13713.094+/-3.867 χ^2/NDF : 335237.6/17

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: -4.541+/-2.894 χ^2/NDF : 18.6/17

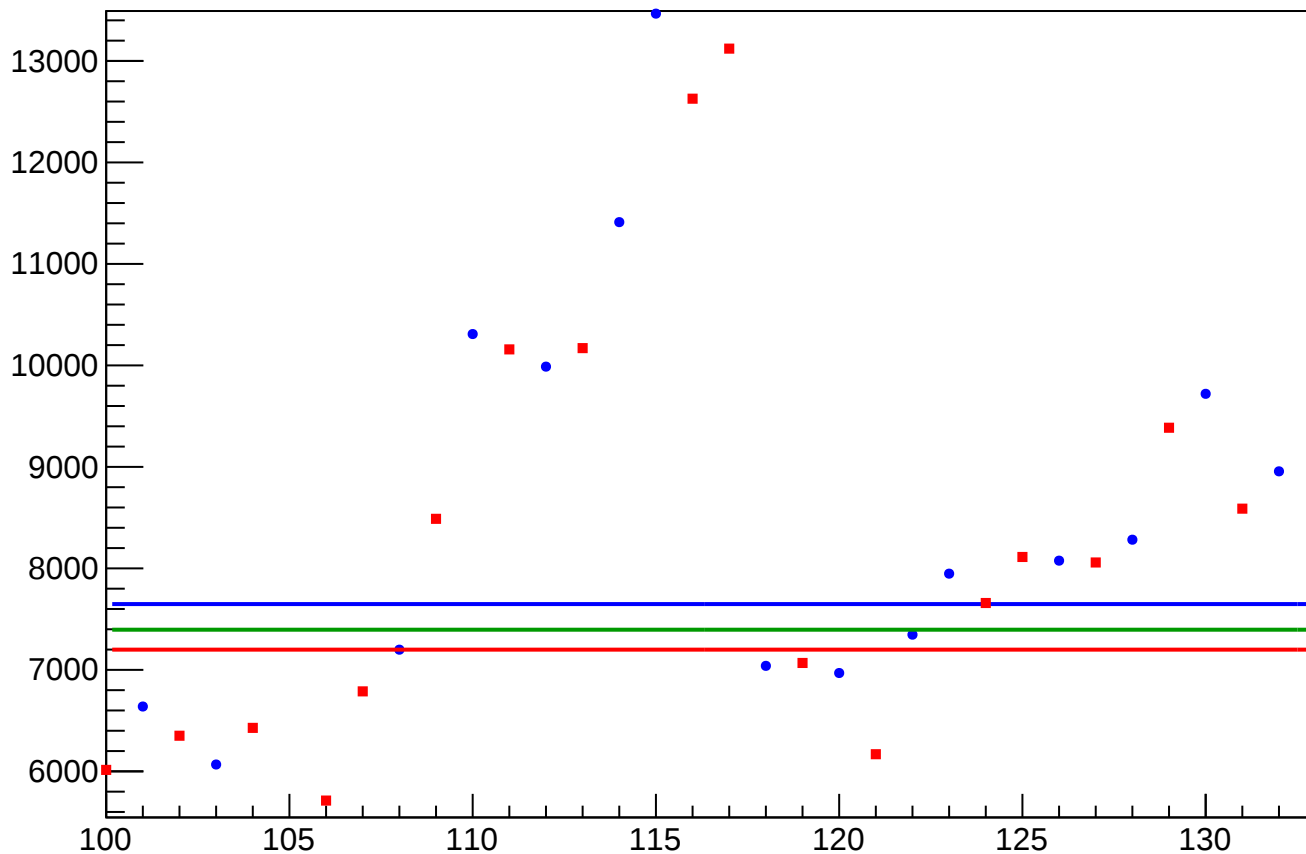
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.929+/-3.281 χ^2/NDF : 13.0/14

-4.711+/-2.170 χ^2/NDF : 31.6/32

-4.541+/-2.894 χ^2/NDF : 18.6/17

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: 7199.301+/-2.046 χ^2/NDF : 544456.3/17

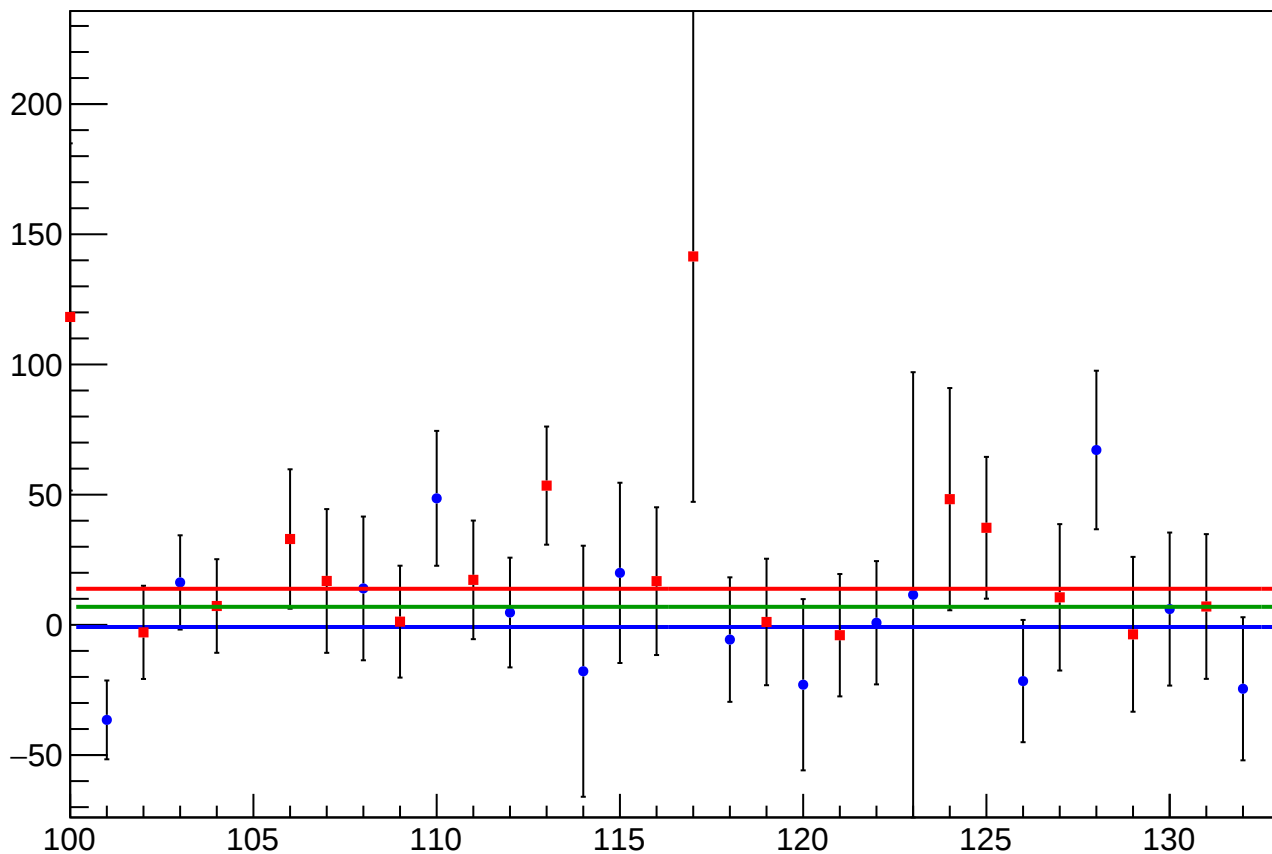
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7648.279+/-2.320 χ^2/NDF : 367412.4/14

7395.766+/-1.535 χ^2/NDF : 932930.6/32

7199.301+/-2.046 χ^2/NDF : 544456.3/17

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: 13.857 ± 6.142 χ^2/NDF : 12.3/17

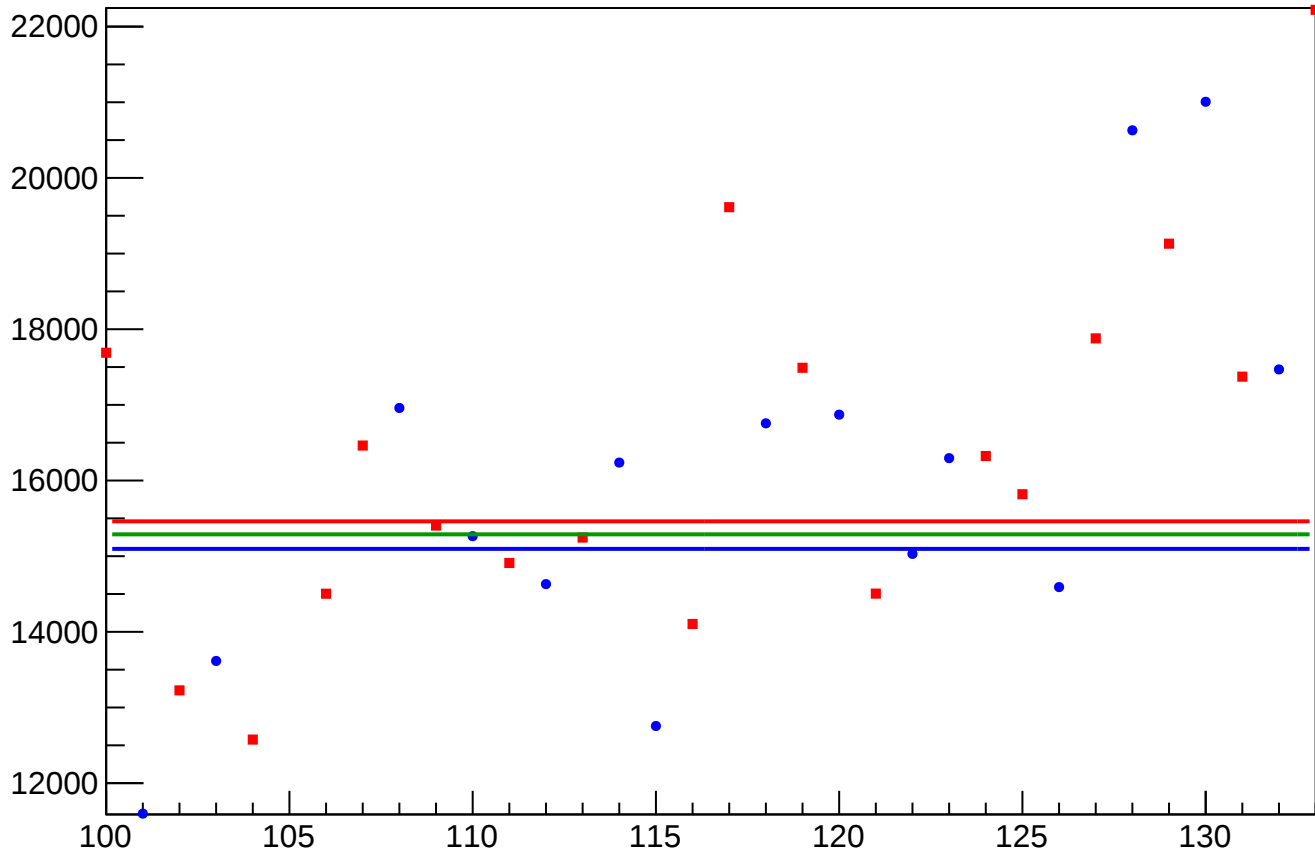
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.820 ± 6.494 χ^2/NDF : 18.0/14

6.927 ± 4.462 χ^2/NDF : 33.1/32

13.857 ± 6.142 χ^2/NDF : 12.3/17

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: 15460.587+/-4.343 χ^2/NDF : 252649.6/17

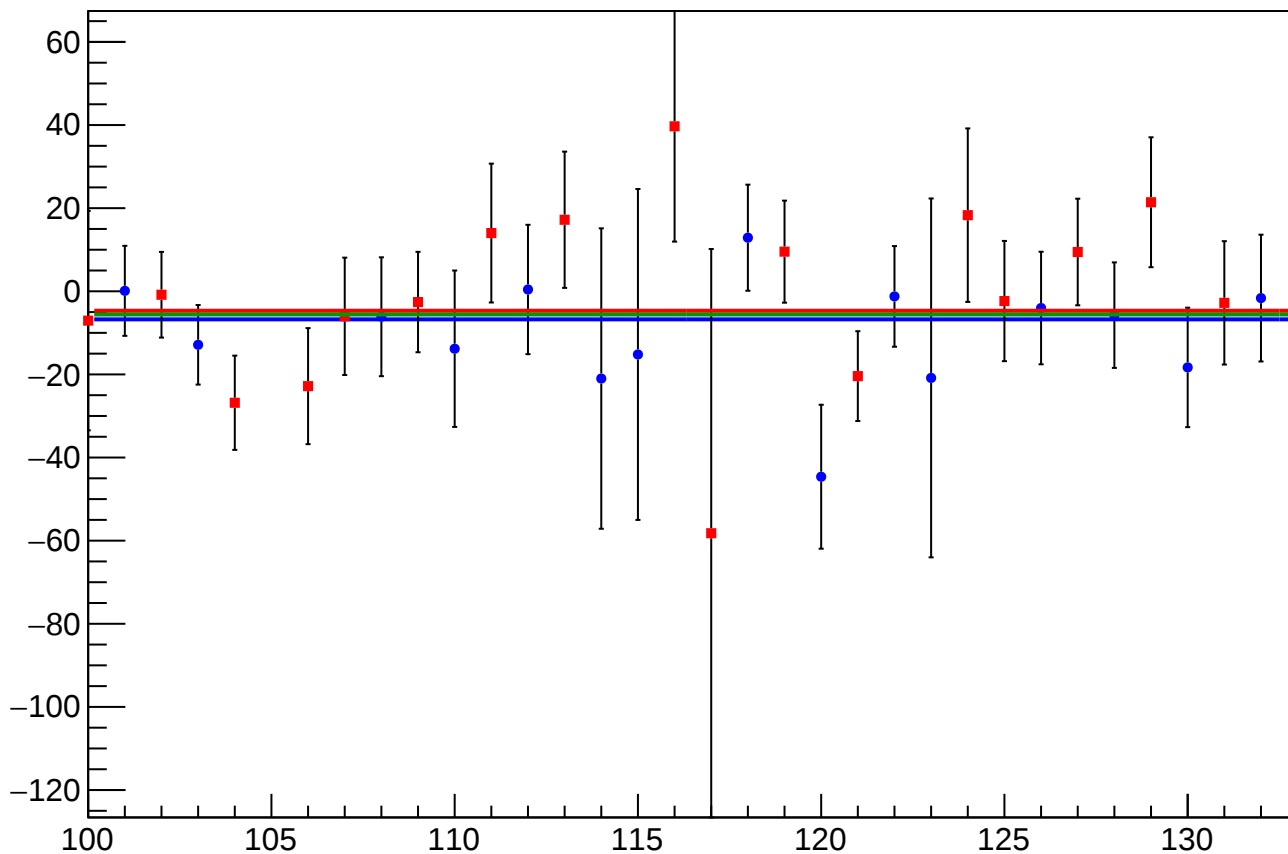
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15096.741+/-4.592 χ^2/NDF : 319469.1/14

15288.786+/-3.155 χ^2/NDF : 575432.6/32

15460.587+/-4.343 χ^2/NDF : 252649.6/17

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: -4.681+/-3.318 χ^2/NDF : 24.6/17

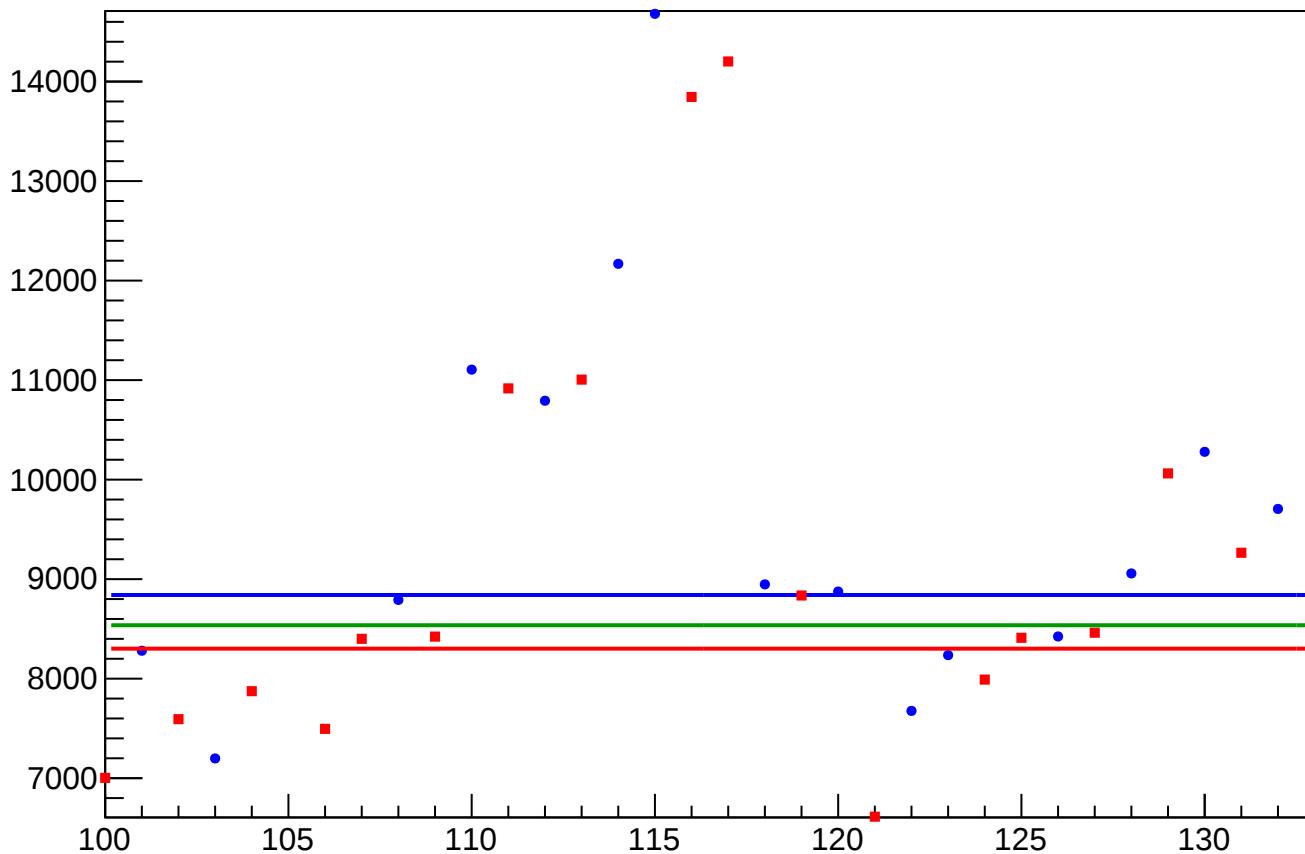
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.755+/-3.771 χ^2/NDF : 9.6/14

-5.586+/-2.491 χ^2/NDF : 34.5/32

-4.681+/-3.318 χ^2/NDF : 24.6/17

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: 8301.695 $\pm$ 2.346 χ^2 /NDF: 355298.4/17

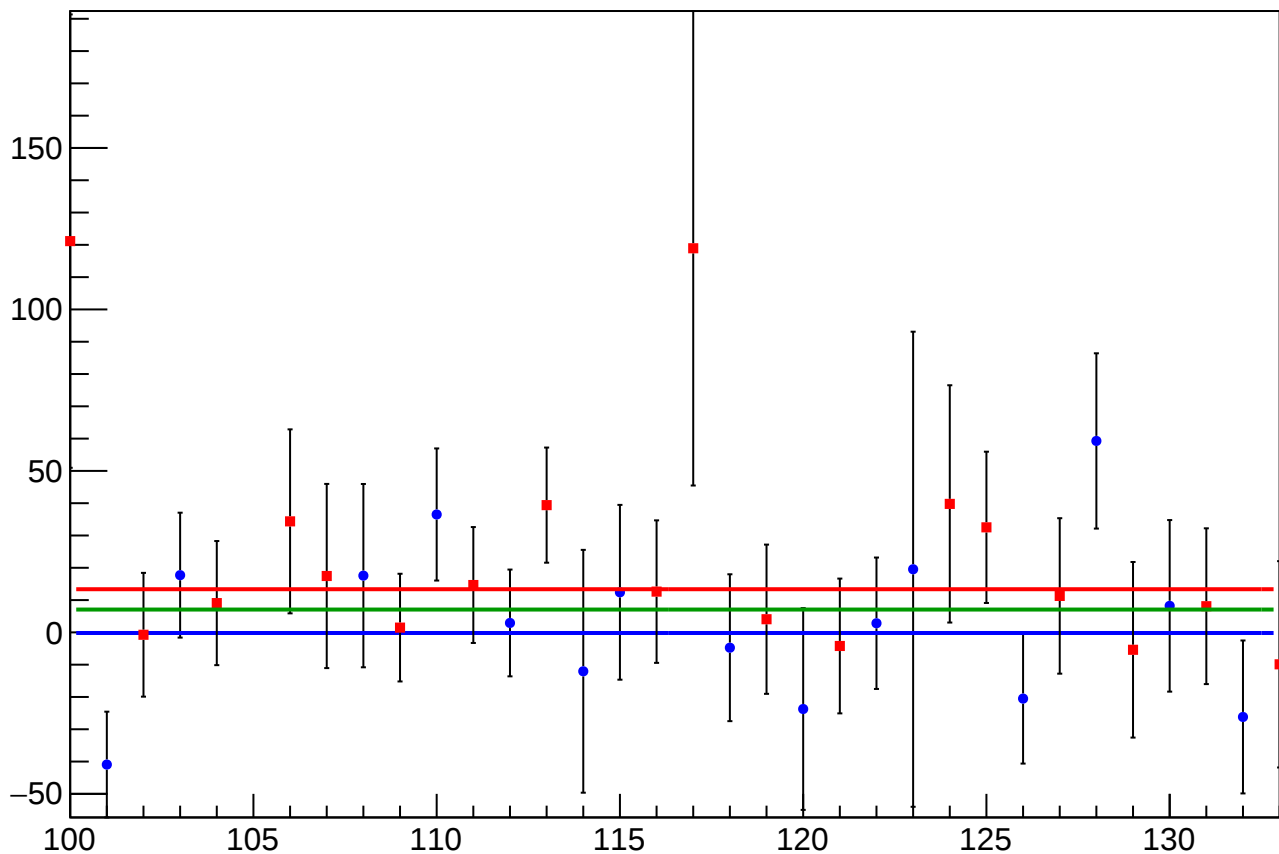
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8840.753 $\pm$ 2.667 χ^2 /NDF: 232678.9/14

8536.875 $\pm$ 1.761 χ^2 /NDF: 611014.2/32

8301.695 $\pm$ 2.346 χ^2 /NDF: 355298.4/17

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: 13.364 ± 5.531 χ^2/NDF : 11.3/17

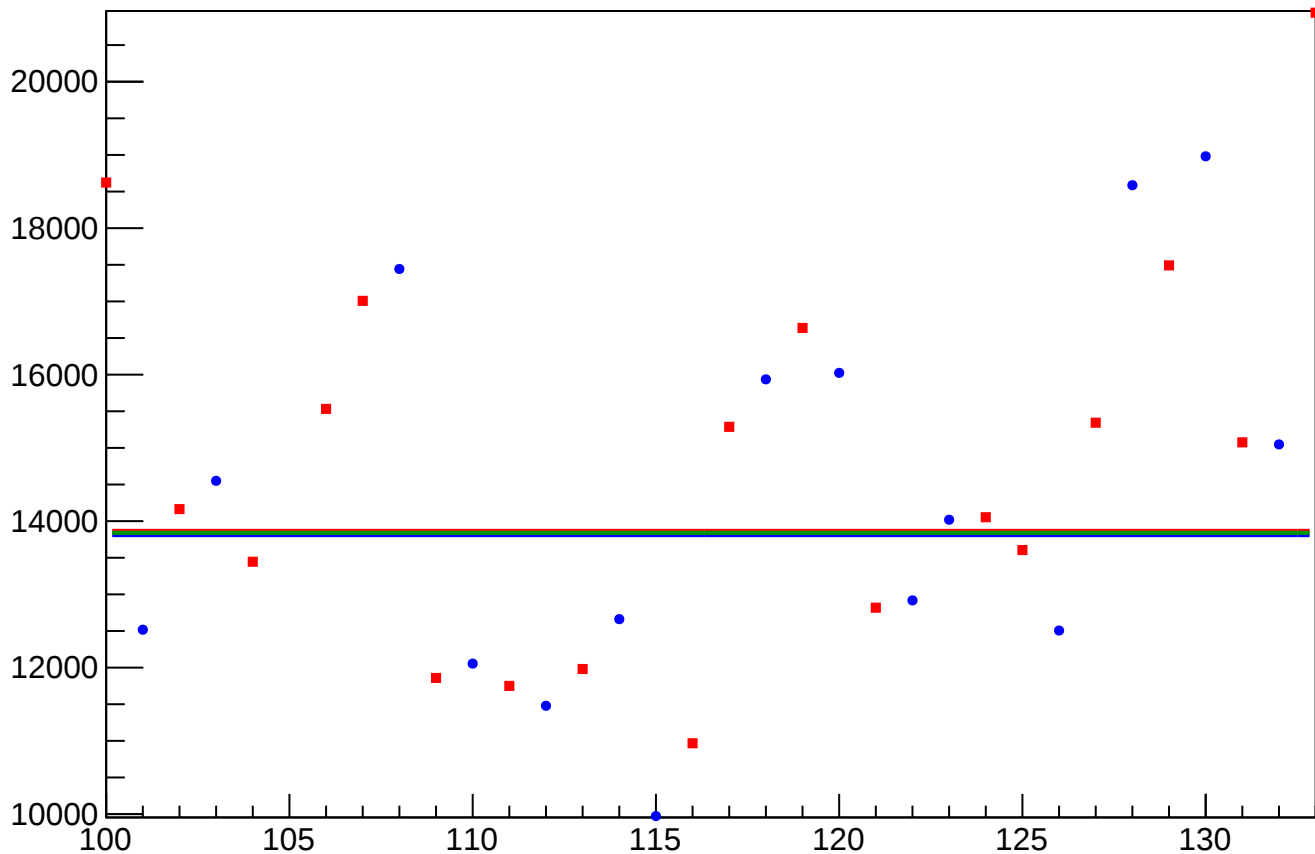
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.189 ± 5.939 χ^2/NDF : 18.8/14

7.069 ± 4.047 χ^2/NDF : 33.0/32

13.364 ± 5.531 χ^2/NDF : 11.3/17

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13808.631+/-4.199 χ^2/NDF : 327720.7/14

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

Right Out: 13867.926+/-3.911 χ^2/NDF : 336567.1/17

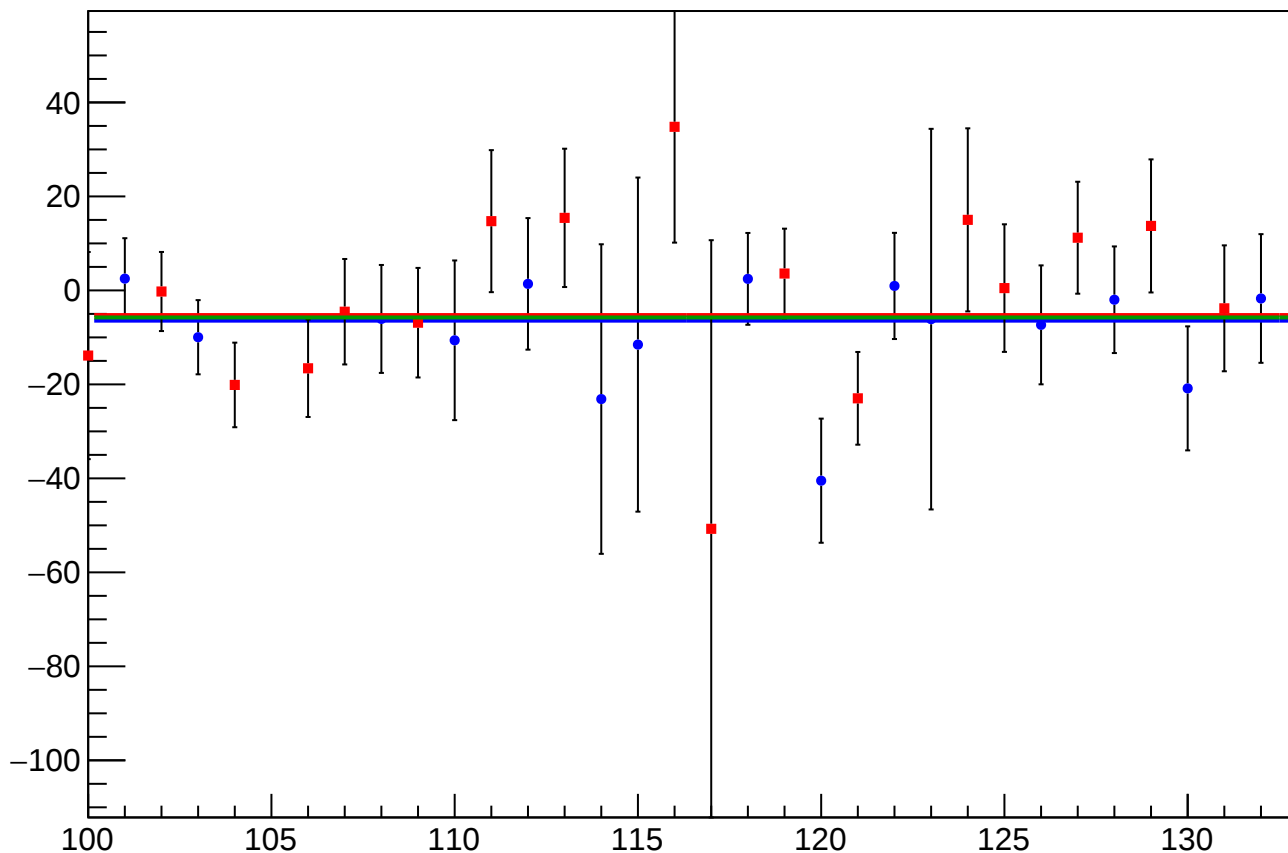
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13808.631+/-4.199 χ^2/NDF : 327720.7/14

13840.387+/-2.862 χ^2/NDF : 664394.6/32

13867.926+/-3.911 χ^2/NDF : 336567.1/17

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.434+/-3.209 χ^2/NDF : 11.3/14

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

Right Out: -5.249+/-2.822 χ^2/NDF : 23.5/17

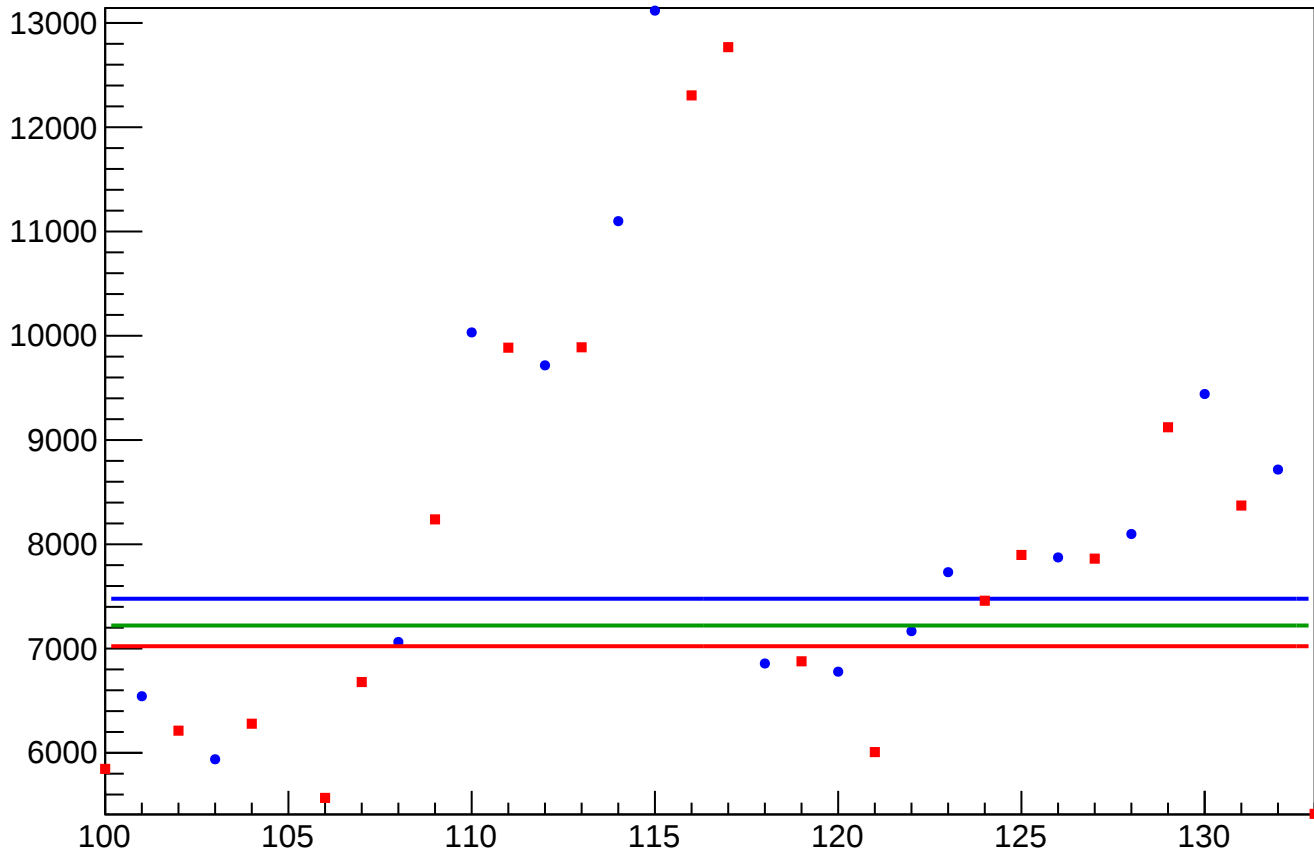
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.434+/-3.209 χ^2/NDF : 11.3/14

-5.766+/-2.119 χ^2/NDF : 34.9/32

-5.249+/-2.822 χ^2/NDF : 23.5/17

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: 7022.437 ± 1.996 χ^2/NDF : 538552.8/17

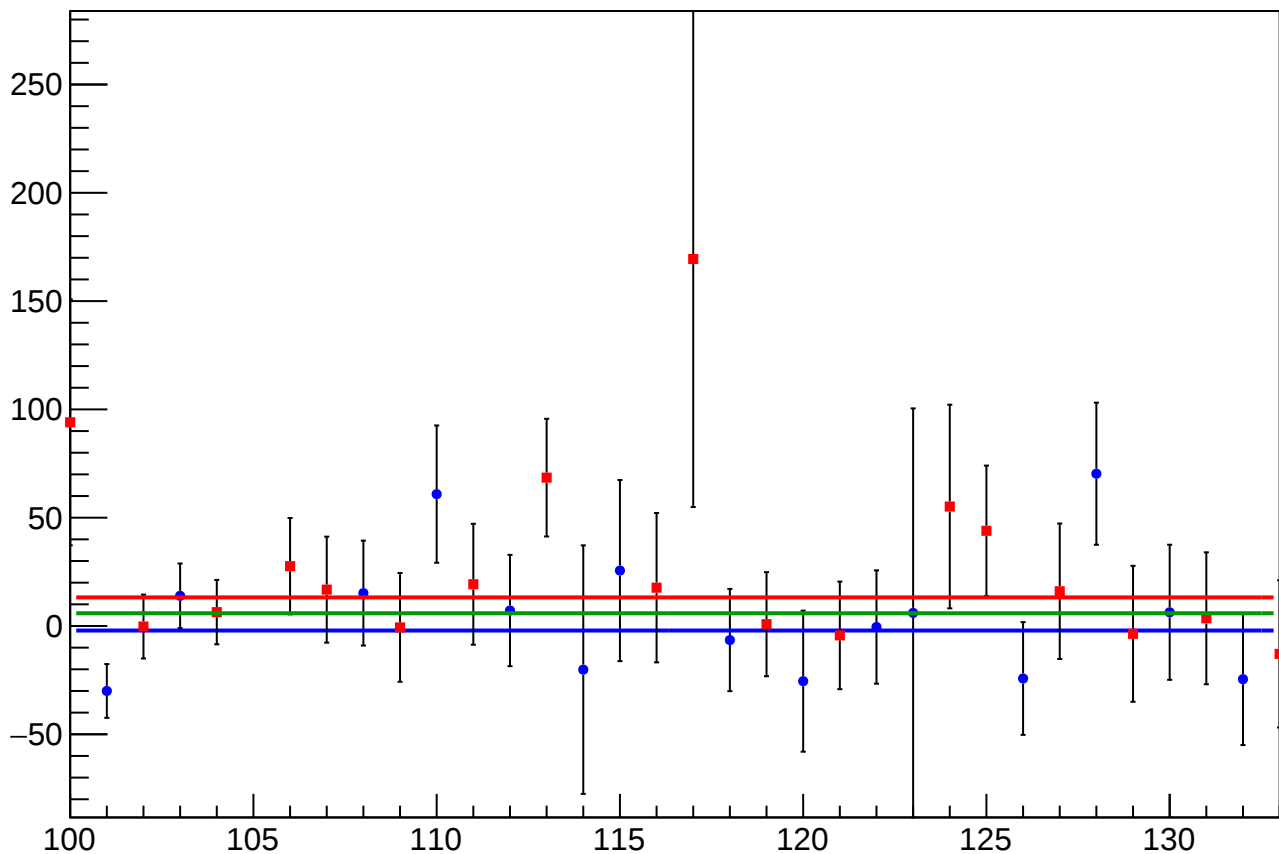
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7477.823 ± 2.269 χ^2/NDF : 357017.3/14

7221.096 ± 1.498 χ^2/NDF : 918283.0/32

7022.437 ± 1.996 χ^2/NDF : 538552.8/17

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: 13.197+/-6.068 χ^2/NDF : 13.5/17

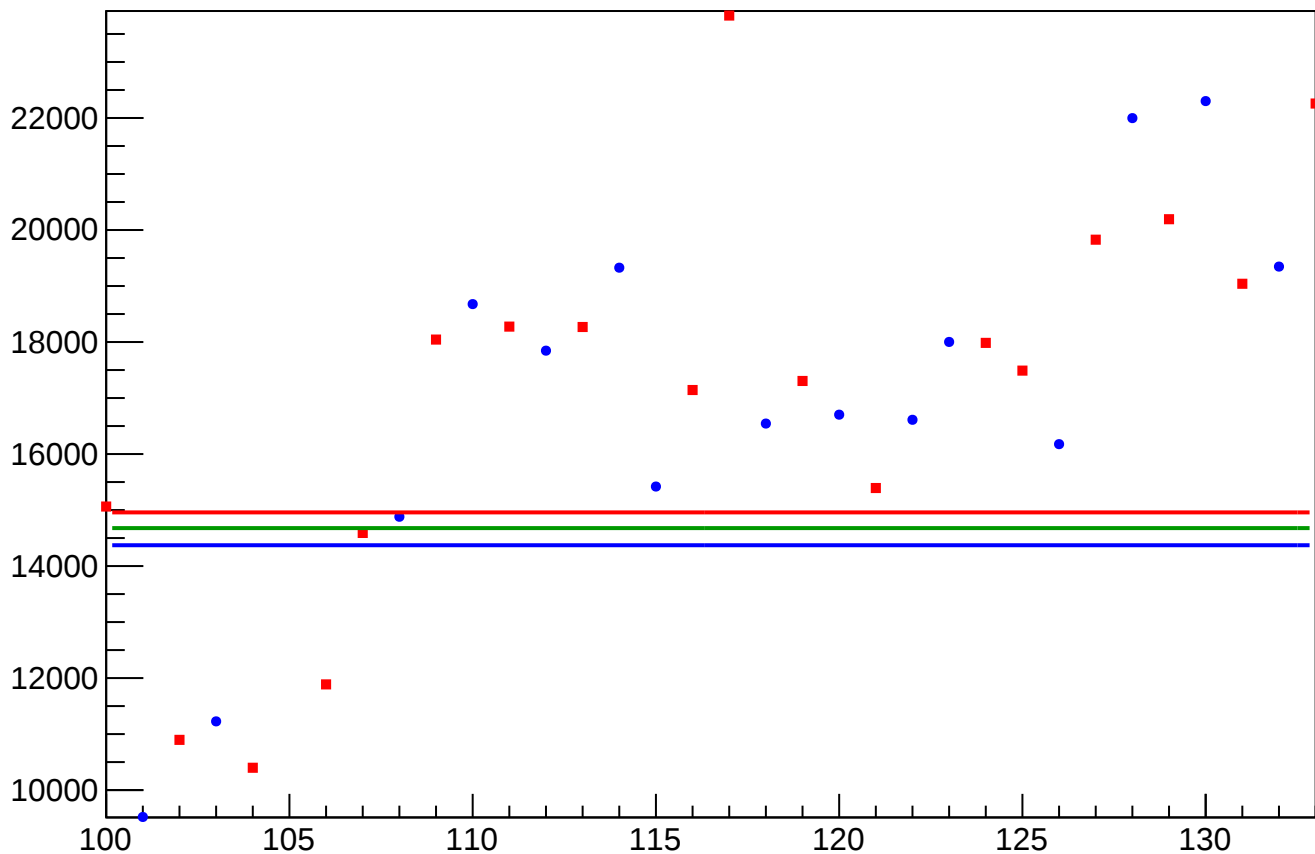
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.098+/-6.339 χ^2/NDF : 18.1/14

5.883+/-4.383 χ^2/NDF : 34.6/32

13.197+/-6.068 χ^2/NDF : 13.5/17

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: 14958.020+/-4.291 χ^2/NDF : 761112.0/17

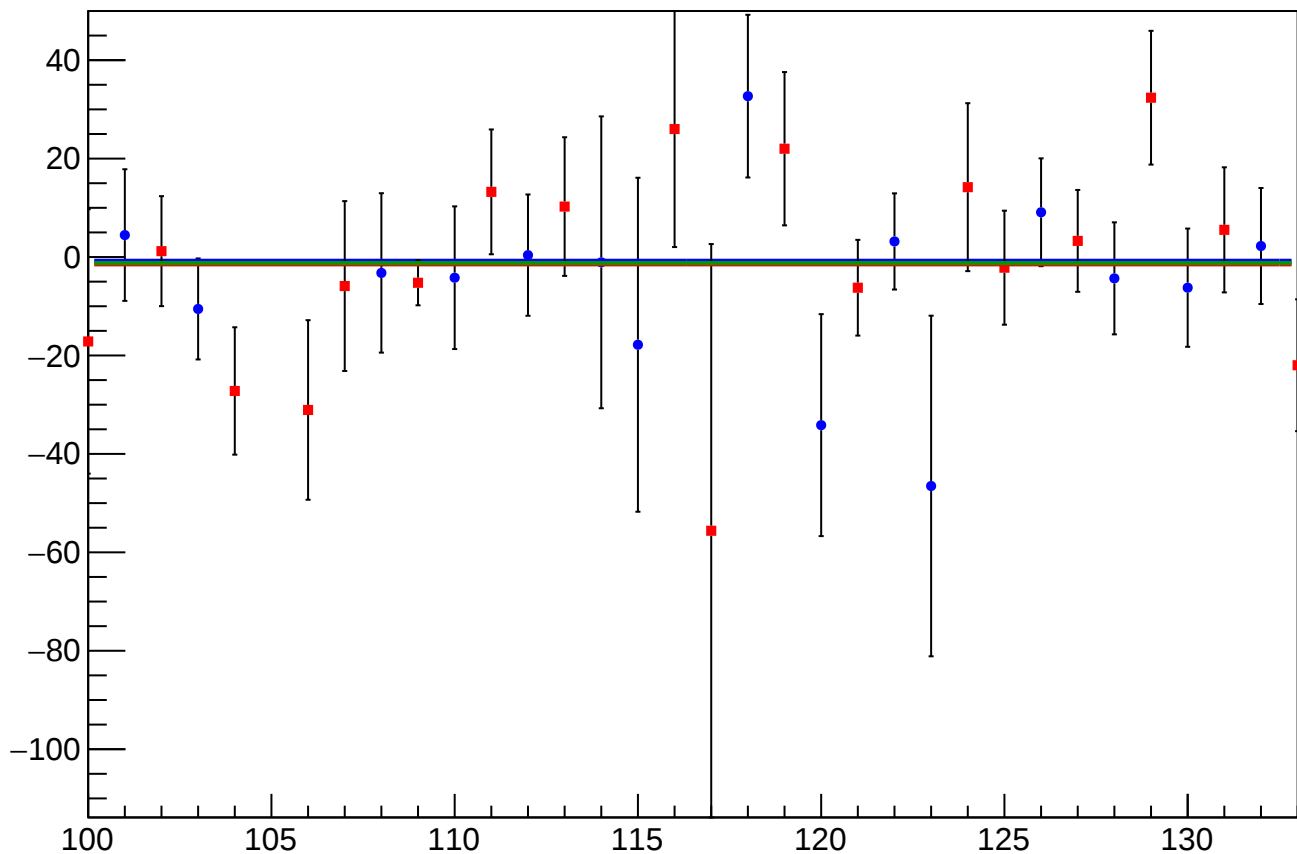
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14371.789+/-4.482 χ^2/NDF : 829744.6/14

14677.671+/-3.100 χ^2/NDF : 1599782.4/3

14958.020+/-4.291 χ^2/NDF : 761112.0/17

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: -1.494+/-2.723 χ^2/NDF : 24.4/17

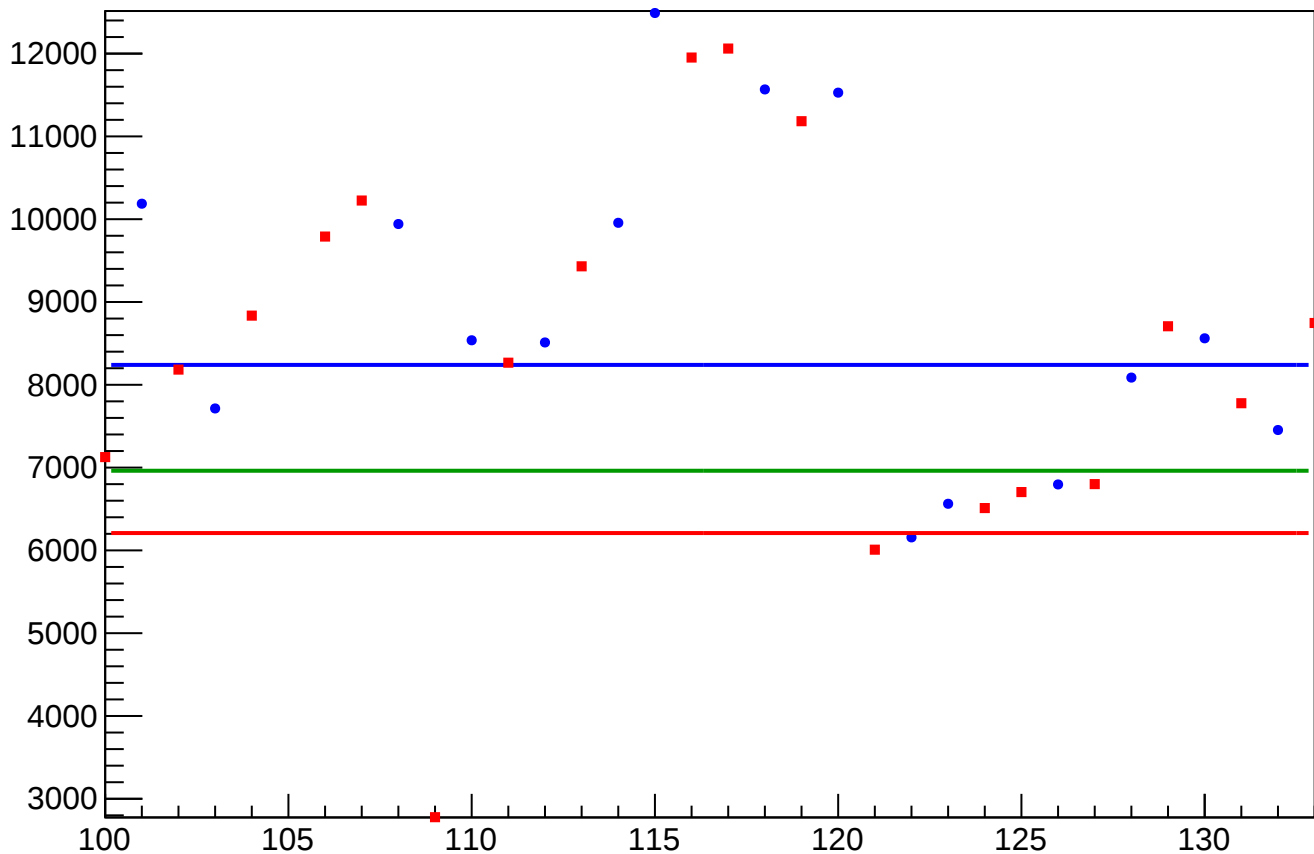
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.749+/-3.549 χ^2/NDF : 10.8/14

-1.218+/-2.160 χ^2/NDF : 35.2/32

-1.494+/-2.723 χ^2/NDF : 24.4/17

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8240.206+/-2.510 χ^2/NDF : 374280.7/14

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

Right Out: 6209.406+/-1.926 χ^2/NDF : 2134203.0/17

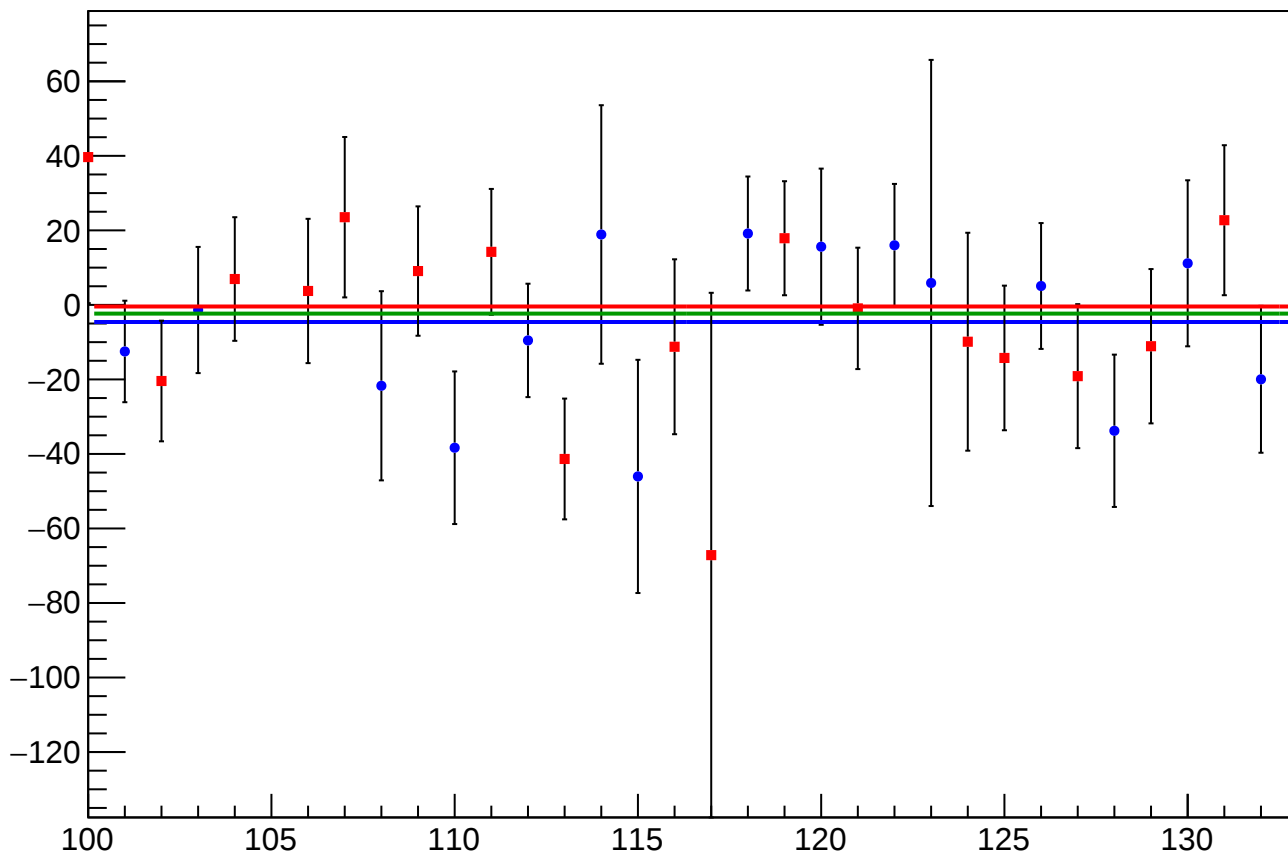
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8240.206+/-2.510 χ^2/NDF : 374280.7/14

6961.853+/-1.528 χ^2/NDF : 2920632.7/32

6209.406+/-1.926 χ^2/NDF : 2134203.0/17

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: -0.431+/-4.605 χ^2/NDF : 18.5/17

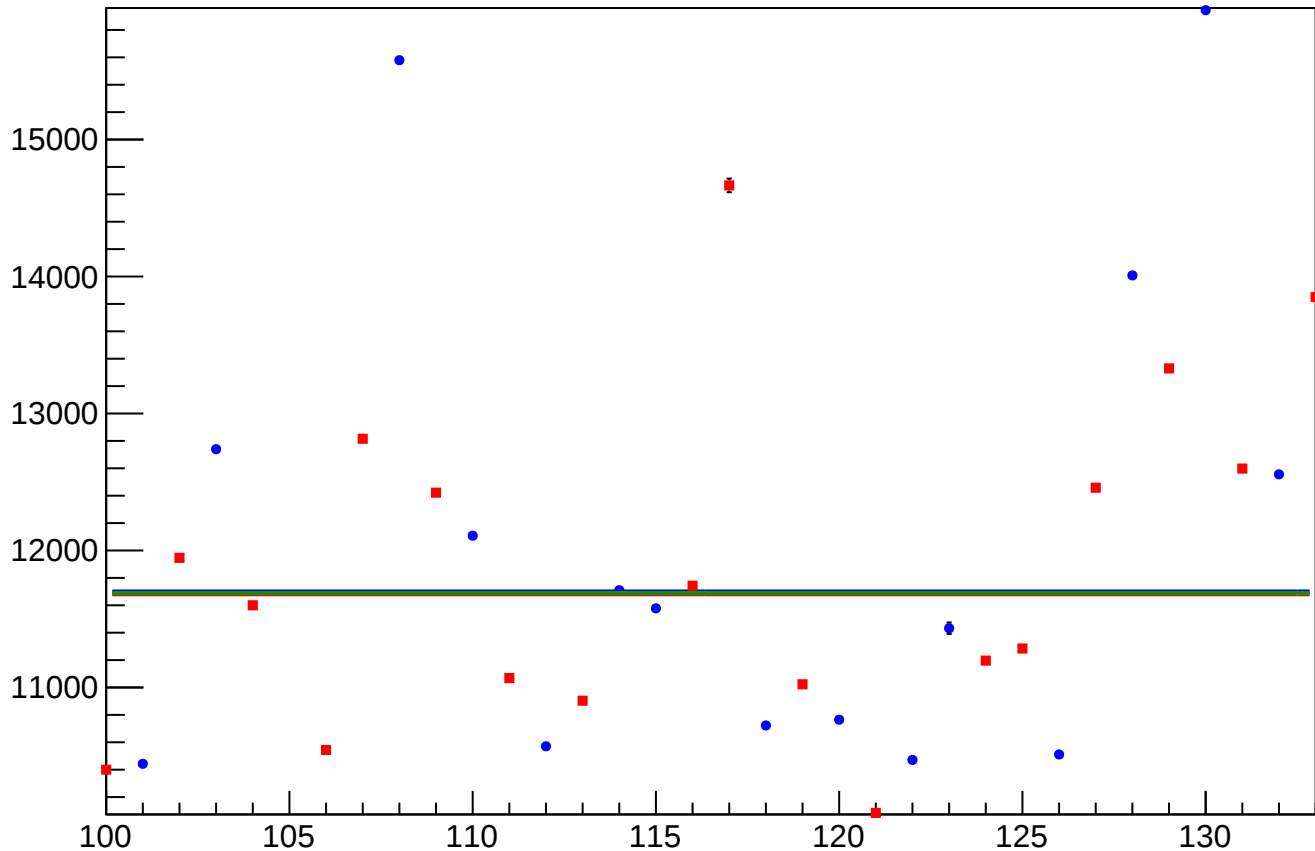
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.590+/-5.001 χ^2/NDF : 14.3/14

-2.339+/-3.387 χ^2/NDF : 33.2/32

-0.431+/-4.605 χ^2/NDF : 18.5/17

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: 11680.336+/-3.256 χ^2/NDF : 95065.5/17

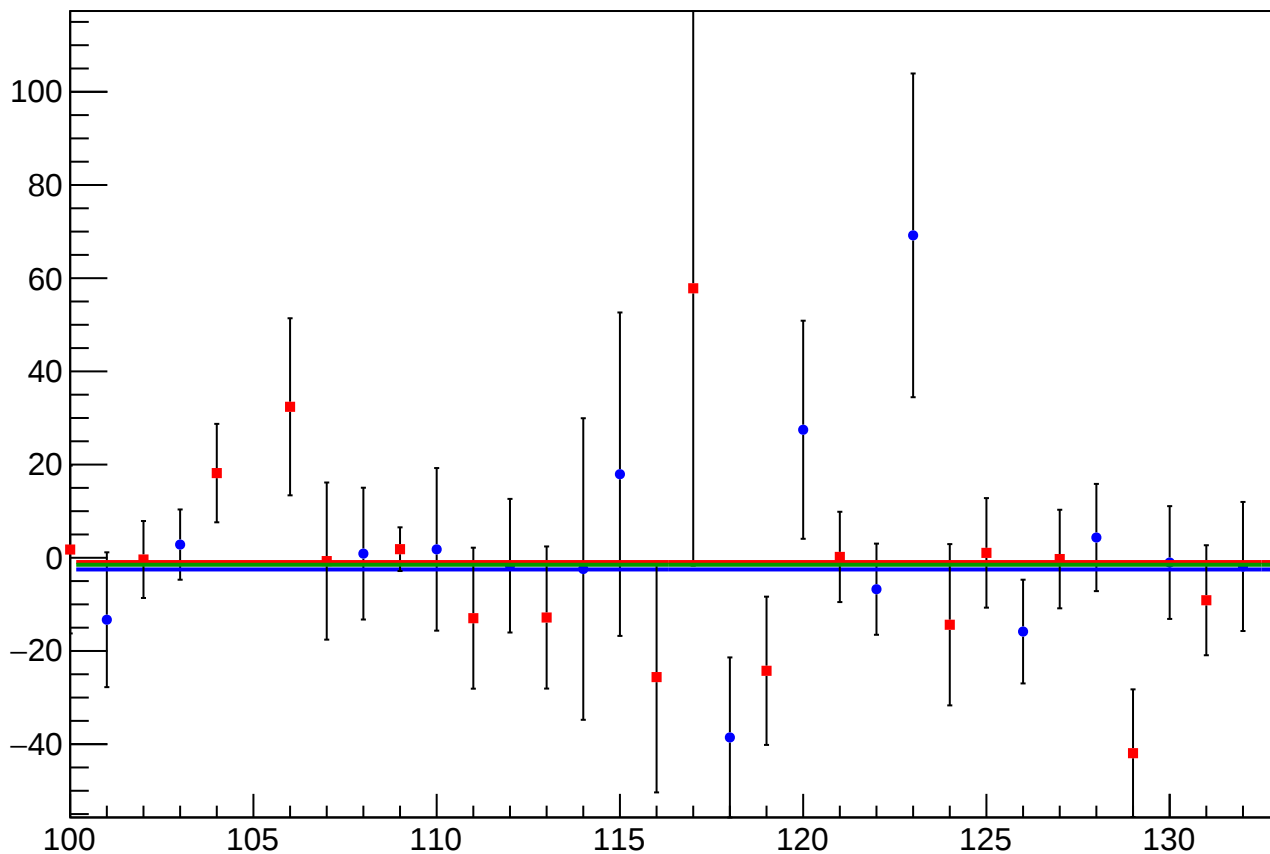
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11701.143+/-3.536 χ^2/NDF : 218223.8/14

11689.884+/-2.395 χ^2/NDF : 313308.0/32

11680.336+/-3.256 χ^2/NDF : 95065.5/17

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: -0.914+/-2.665 χ^2/NDF : 24.3/17

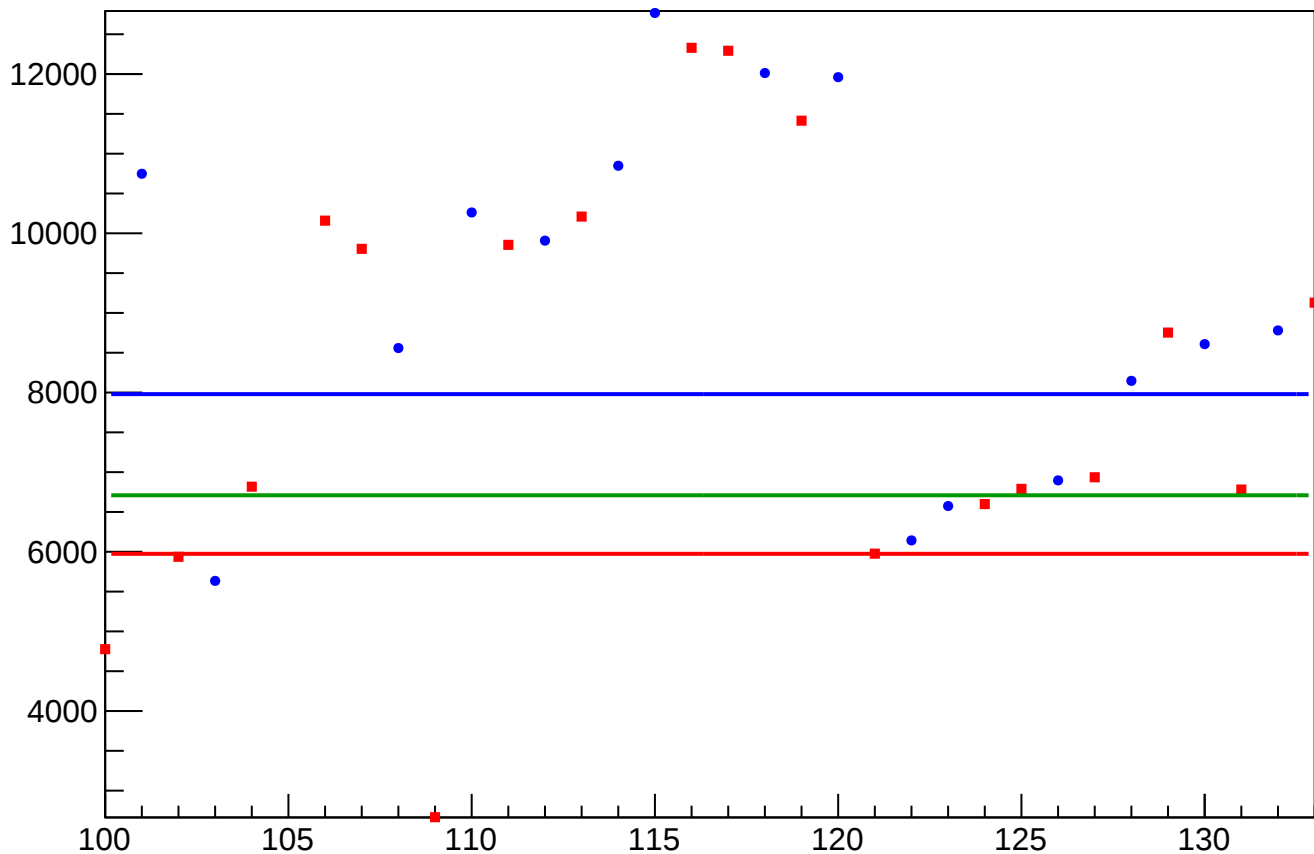
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.509+/-3.503 χ^2/NDF : 13.8/14

-1.499+/-2.121 χ^2/NDF : 38.3/32

-0.914+/-2.665 χ^2/NDF : 24.3/17

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: 5974.493 $\pm$ 1.884 χ^2 /NDF: 2114097.9/17

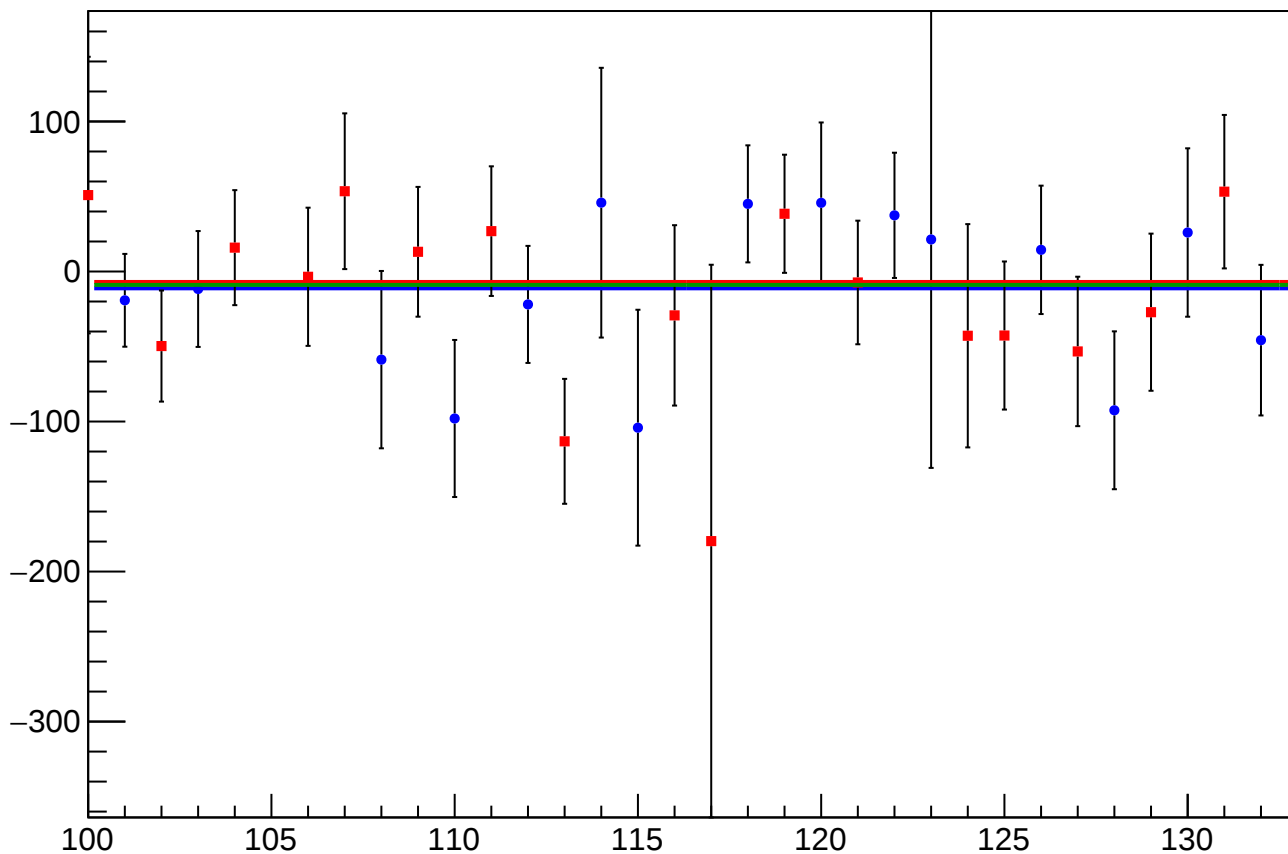
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7980.027 $\pm$ 2.477 χ^2 /NDF: 667765.5/14

6709.531 $\pm$ 1.500 χ^2 /NDF: 3197059.9/32

5974.493 $\pm$ 1.884 χ^2 /NDF: 2114097.9/17

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -11.213 $\pm$ 12.353 χ^2 /NDF: 13.6/14

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

Right Out: -6.970 $\pm$ 11.435 χ^2 /NDF: 17.9/17

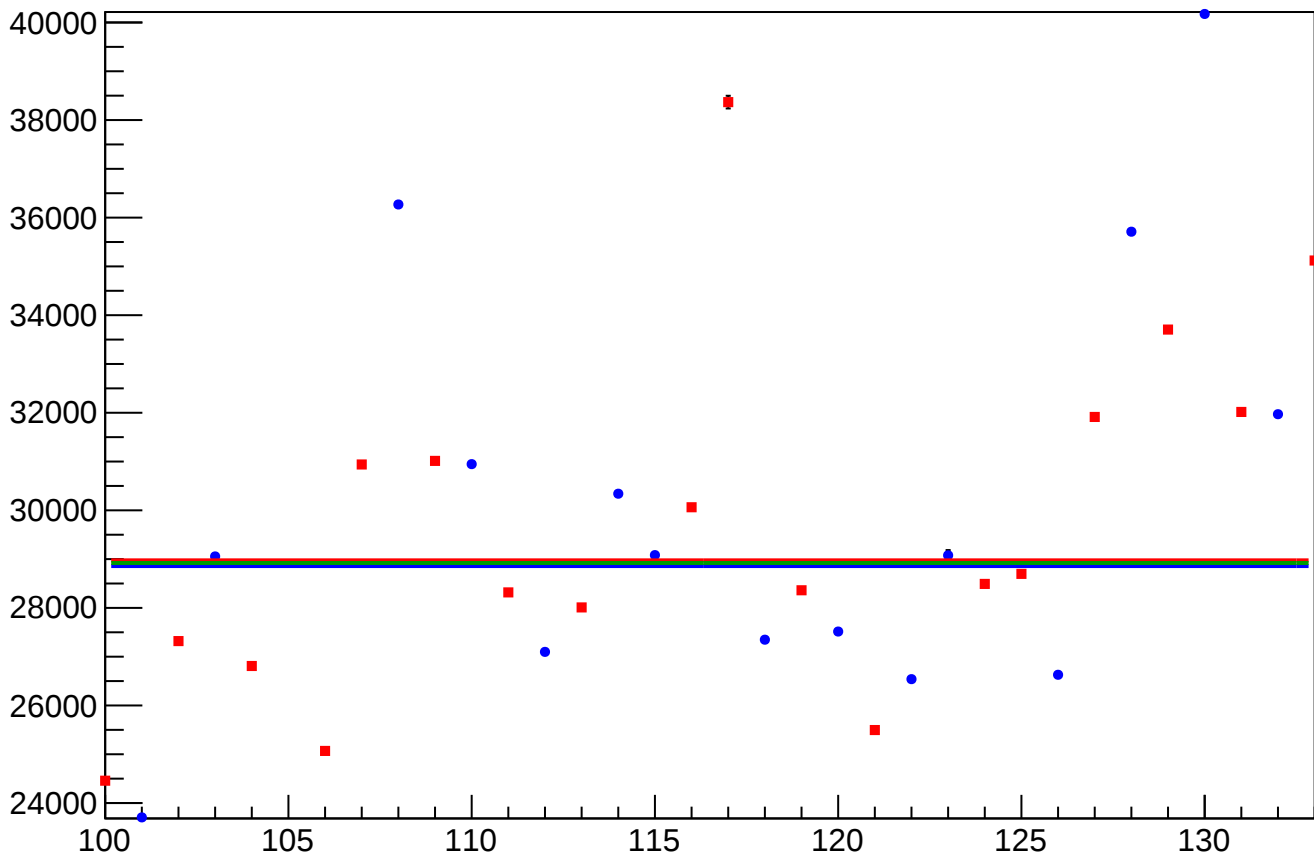
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.213 $\pm$ 12.353 χ^2 /NDF: 13.6/14

-8.928 $\pm$ 8.392 χ^2 /NDF: 31.5/32

-6.970 $\pm$ 11.435 χ^2 /NDF: 17.9/17

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: 28974.550+/-8.086 χ^2/NDF : 115820.4/17

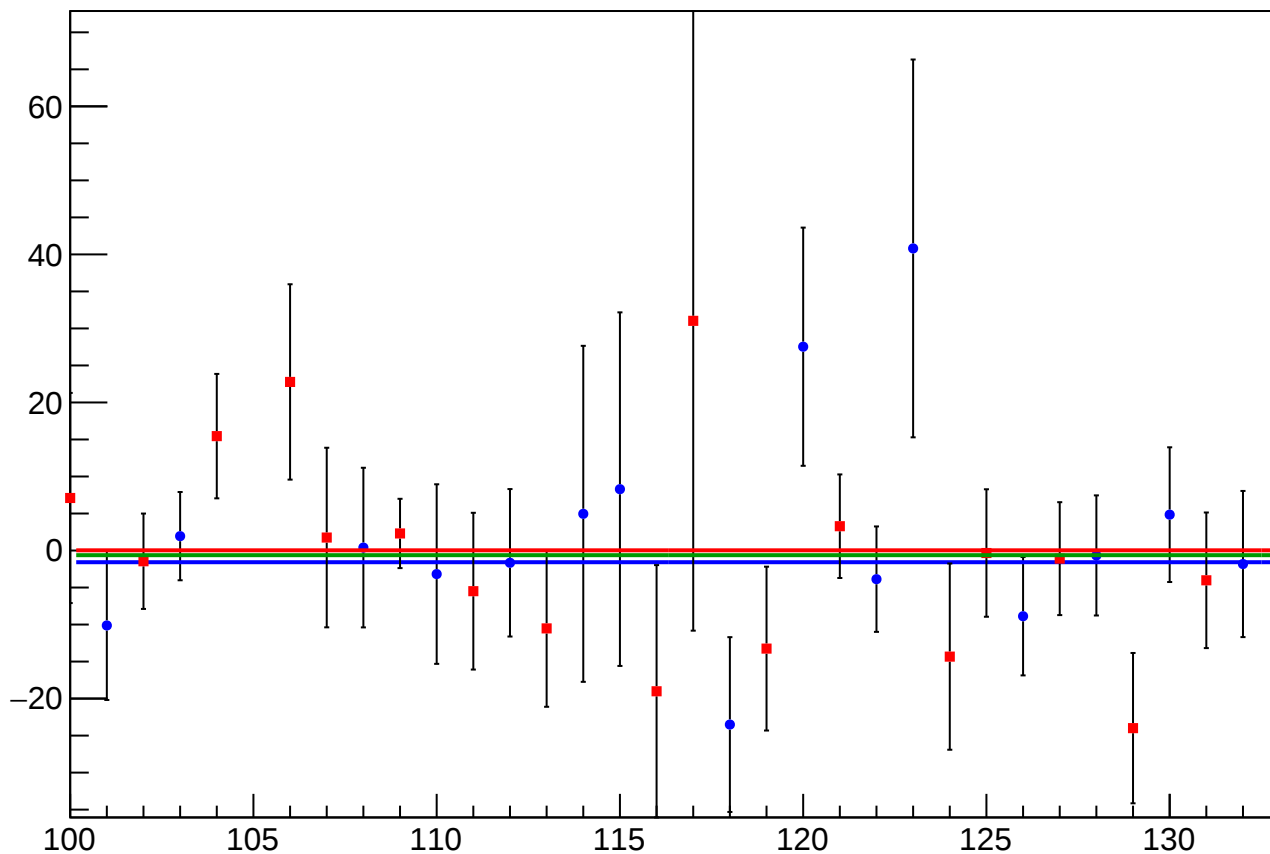
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28857.739+/-8.735 χ^2/NDF : 233576.8/14

28920.641+/-5.934 χ^2/NDF : 349493.5/32

28974.550+/-8.086 χ^2/NDF : 115820.4/17

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: 0.027+/-2.127 χ^2 /NDF: 21.3/17

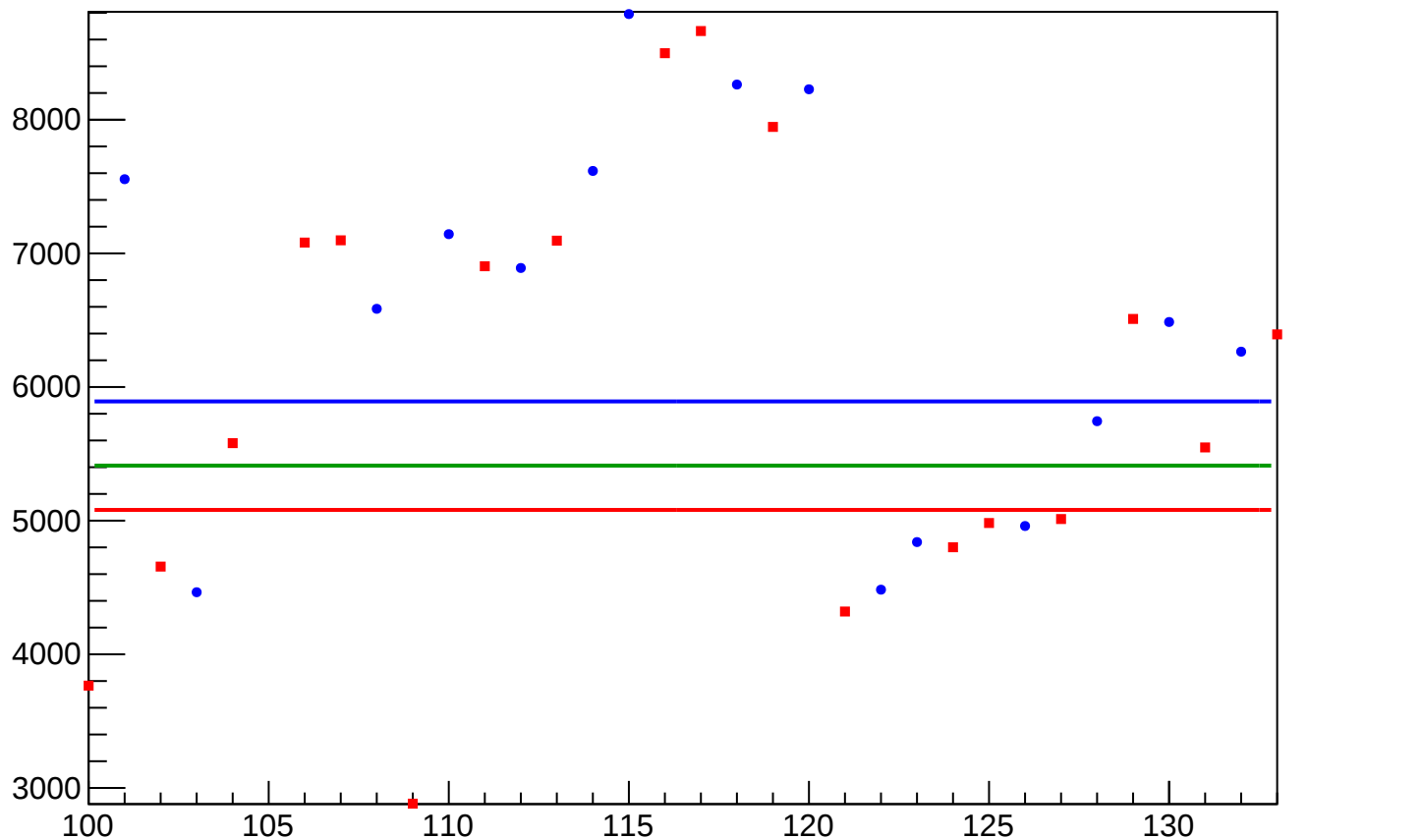
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.579+/-2.559 χ^2 /NDF: 12.3/14

-0.629+/-1.636 χ^2 /NDF: 33.9/32

0.027+/-2.127 χ^2 /NDF: 21.3/17

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5892.235 $\pm$ 1.810 χ^2 /NDF: 503699.7/14

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

Right Out: 5080.360 $\pm$ 1.504 χ^2 /NDF: 1042161.0/17

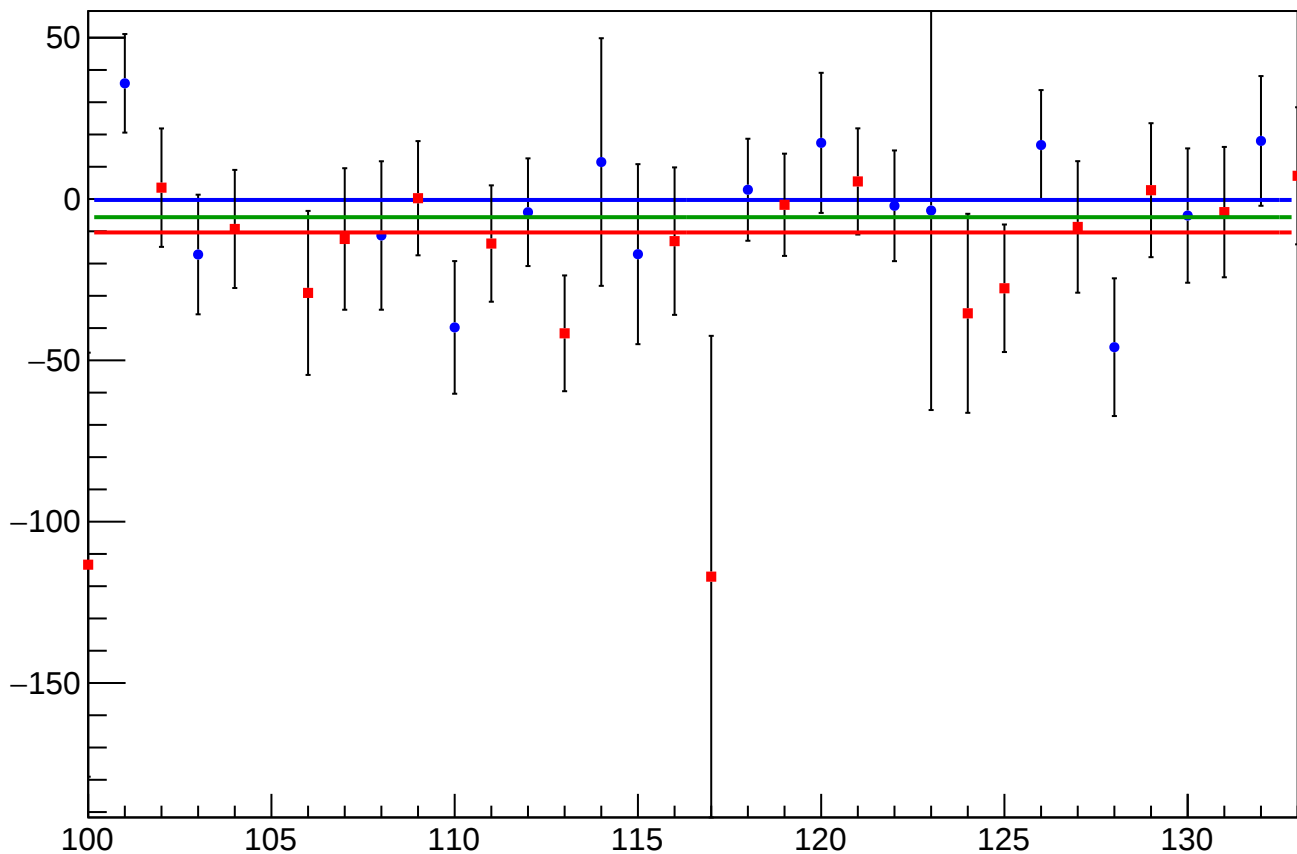
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5892.235 $\pm$ 1.810 χ^2 /NDF: 503699.7/14

5412.093 $\pm$ 1.157 χ^2 /NDF: 1664876.3/32

5080.360 $\pm$ 1.504 χ^2 /NDF: 1042161.0/17

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: -10.358 ± 4.882 χ^2/NDF : 12.9/17

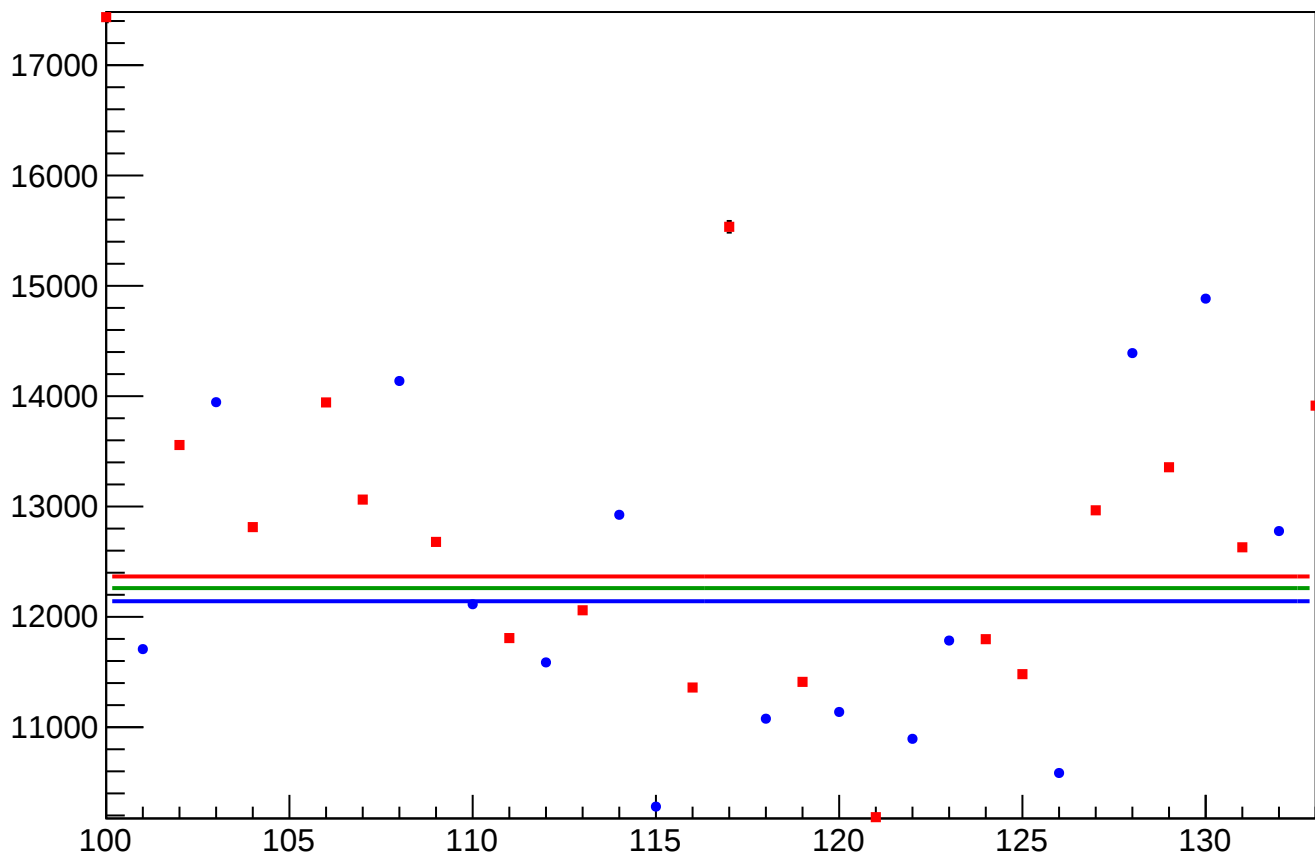
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.288 ± 5.184 χ^2/NDF : 18.0/14

-5.625 ± 3.554 χ^2/NDF : 32.9/32

-10.358 ± 4.882 χ^2/NDF : 12.9/17

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: 12366.081+/-3.452 χ^2/NDF : 106213.1/17

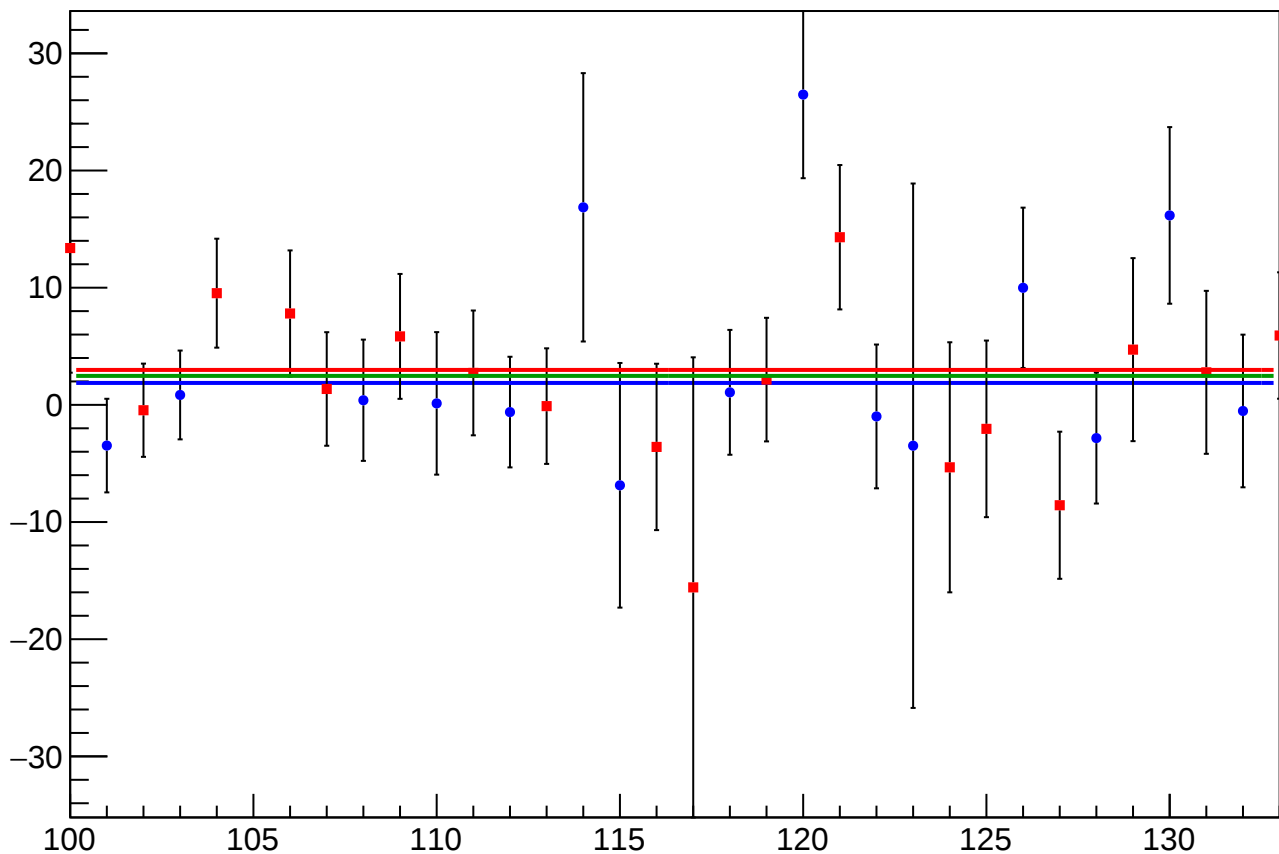
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12141.652+/-3.666 χ^2/NDF : 147138.0/14

12260.595+/-2.513 χ^2/NDF : 255337.8/32

12366.081+/-3.452 χ^2/NDF : 106213.1/17

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.872+/-1.514 χ^2/NDF : 22.8/14

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

Right Out: 2.982+/-1.394 χ^2/NDF : 15.2/17

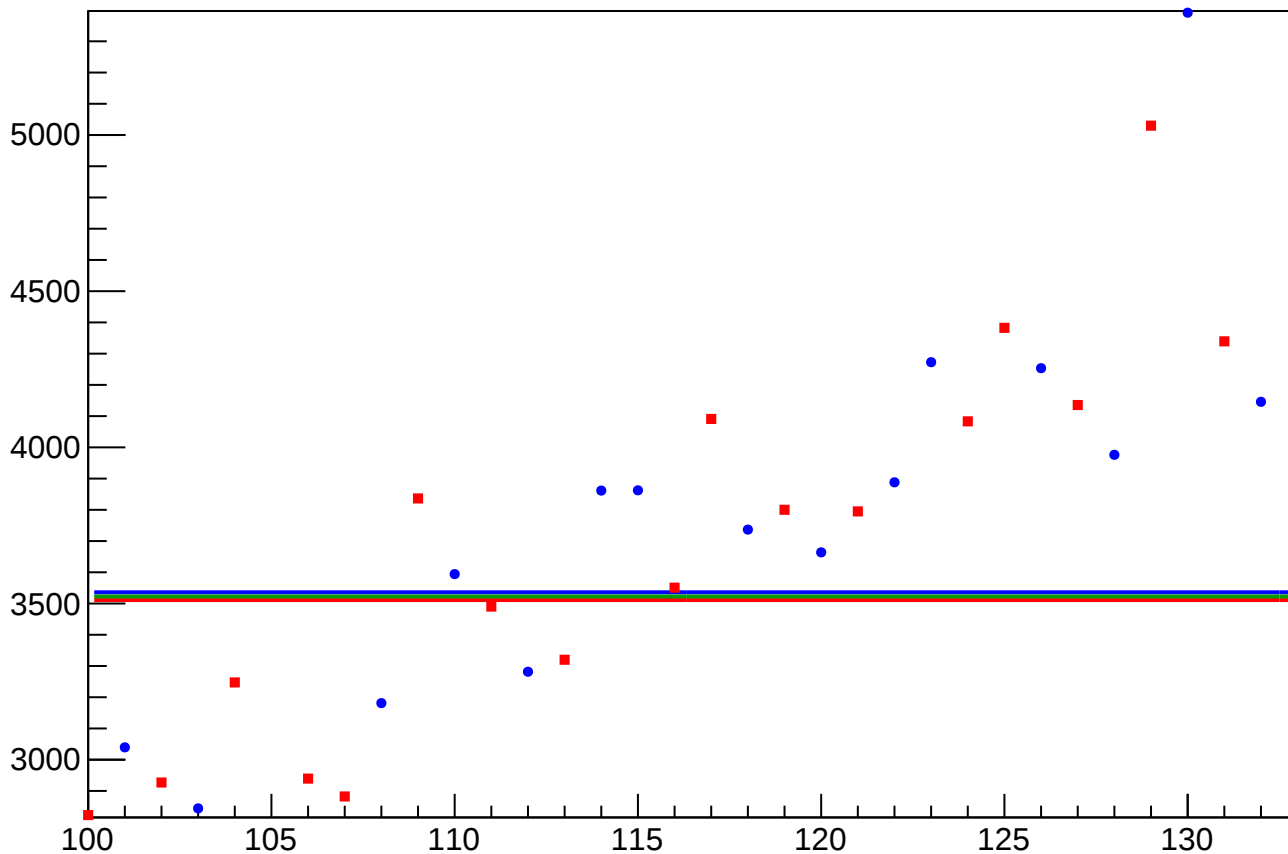
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.872+/-1.514 χ^2/NDF : 22.8/14

2.473+/-1.025 χ^2/NDF : 38.3/32

2.982+/-1.394 χ^2/NDF : 15.2/17

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: 3511.166+/-0.985 χ^2/NDF : 292982.7/17

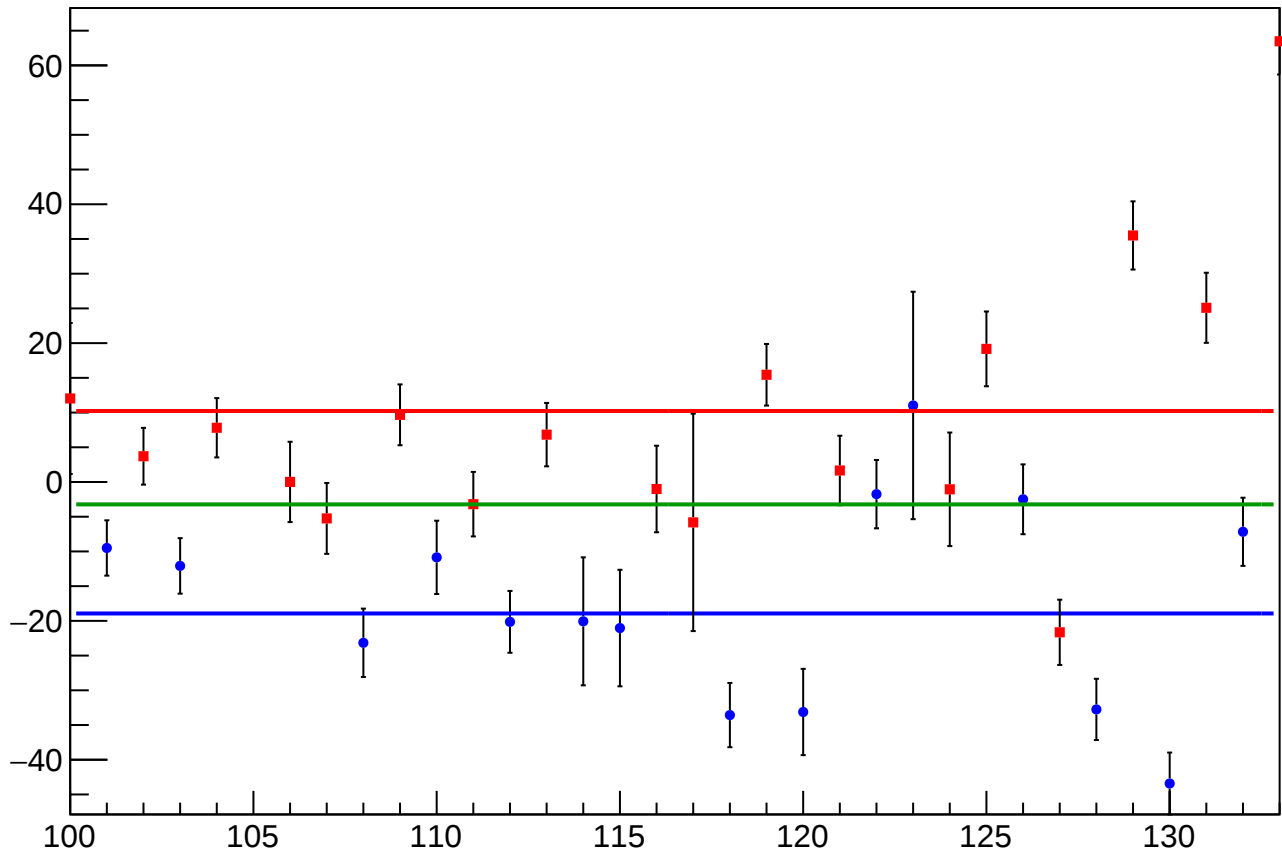
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3535.937+/-1.070 χ^2/NDF : 301899.5/14

3522.529+/-0.725 χ^2/NDF : 595172.0/32

3511.166+/-0.985 χ^2/NDF : 292982.7/17

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -18.934 $\pm$ 1.314 χ^2 /NDF: 99.0/14

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

Right Out: 10.222 $\pm$ 1.215 χ^2 /NDF: 242.1/17

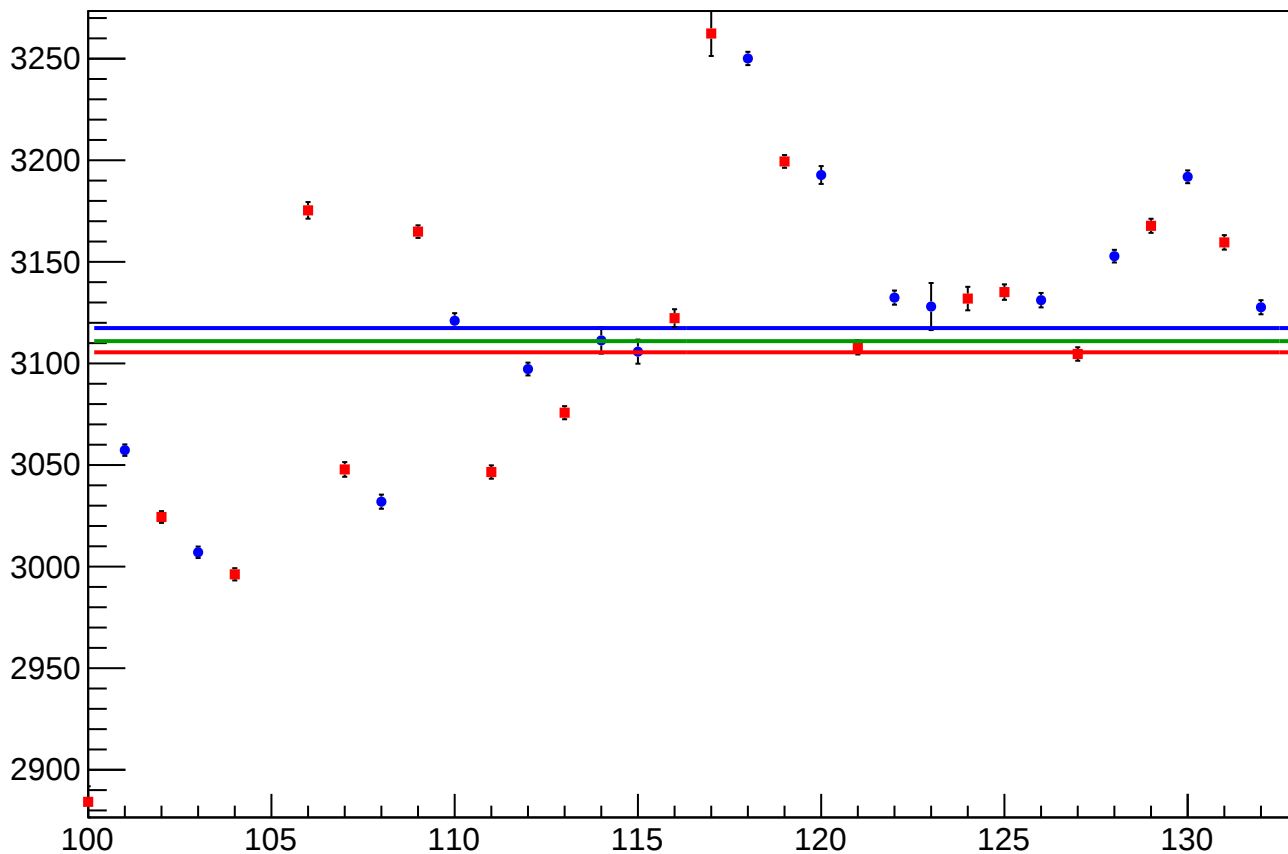
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-18.934 $\pm$ 1.314 χ^2 /NDF: 99.0/14

-3.222 $\pm$ 0.892 χ^2 /NDF: 606.5/32

10.222 $\pm$ 1.215 χ^2 /NDF: 242.1/17

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: 3105.482 $\pm$ 0.859 χ^2 /NDF: 6152.3/17

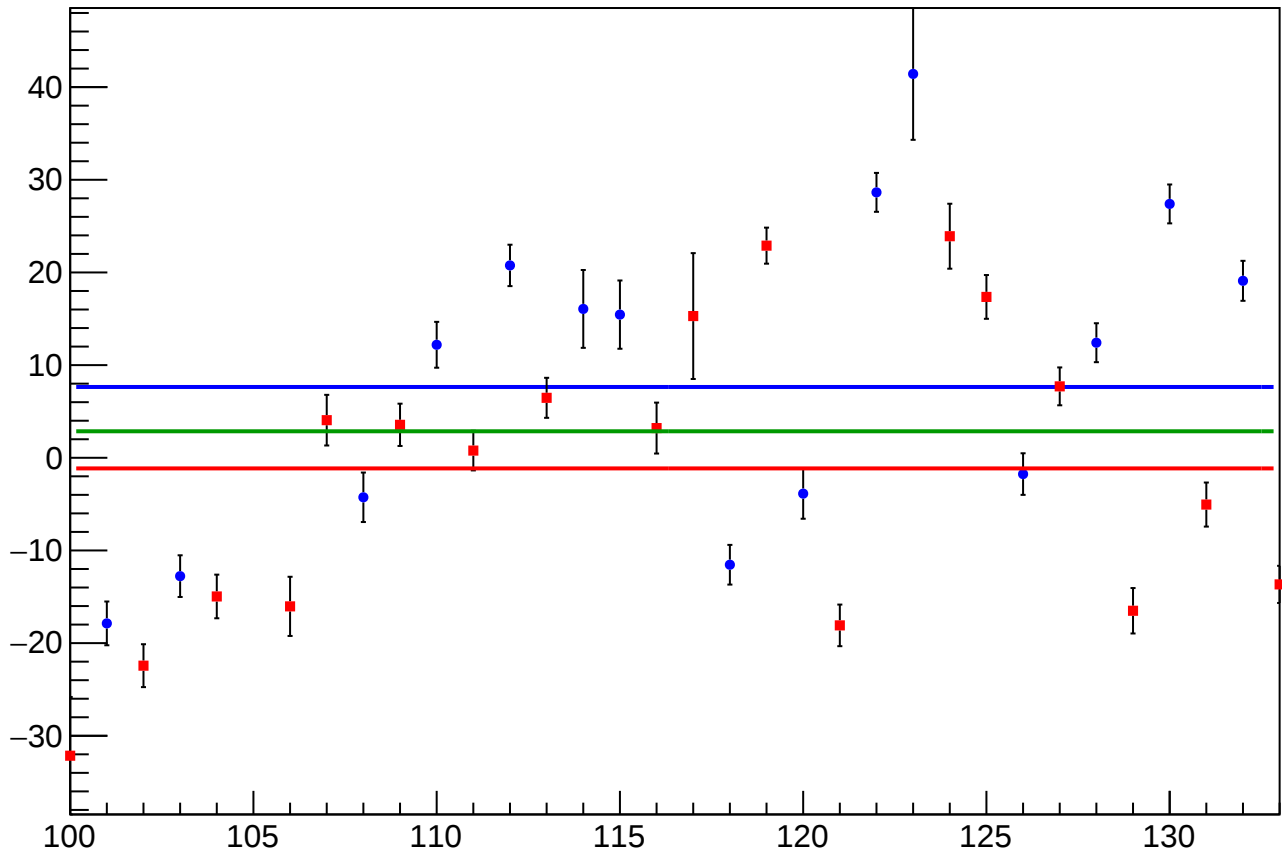
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3117.412 $\pm$ 0.929 χ^2 /NDF: 5297.6/14

3110.983 $\pm$ 0.631 χ^2 /NDF: 11538.8/32

3105.482 $\pm$ 0.859 χ^2 /NDF: 6152.3/17

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: -1.147+/-0.581 χ^2/NDF : 616.1/17

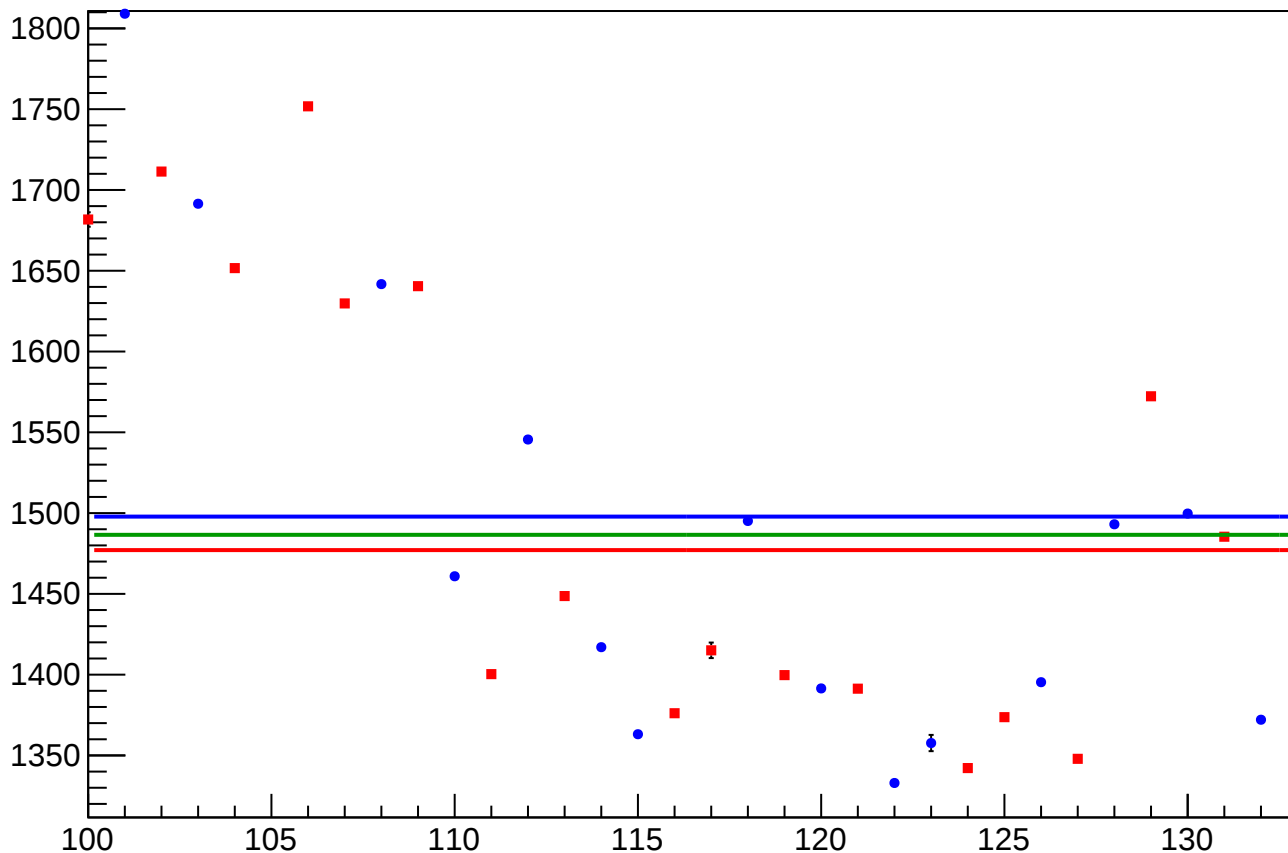
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.641+/-0.635 χ^2/NDF : 625.7/14

2.860+/-0.429 χ^2/NDF : 1346.0/32

-1.147+/-0.581 χ^2/NDF : 616.1/17

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: 1477.092+/-0.411 χ^2/NDF : 107961.3/17

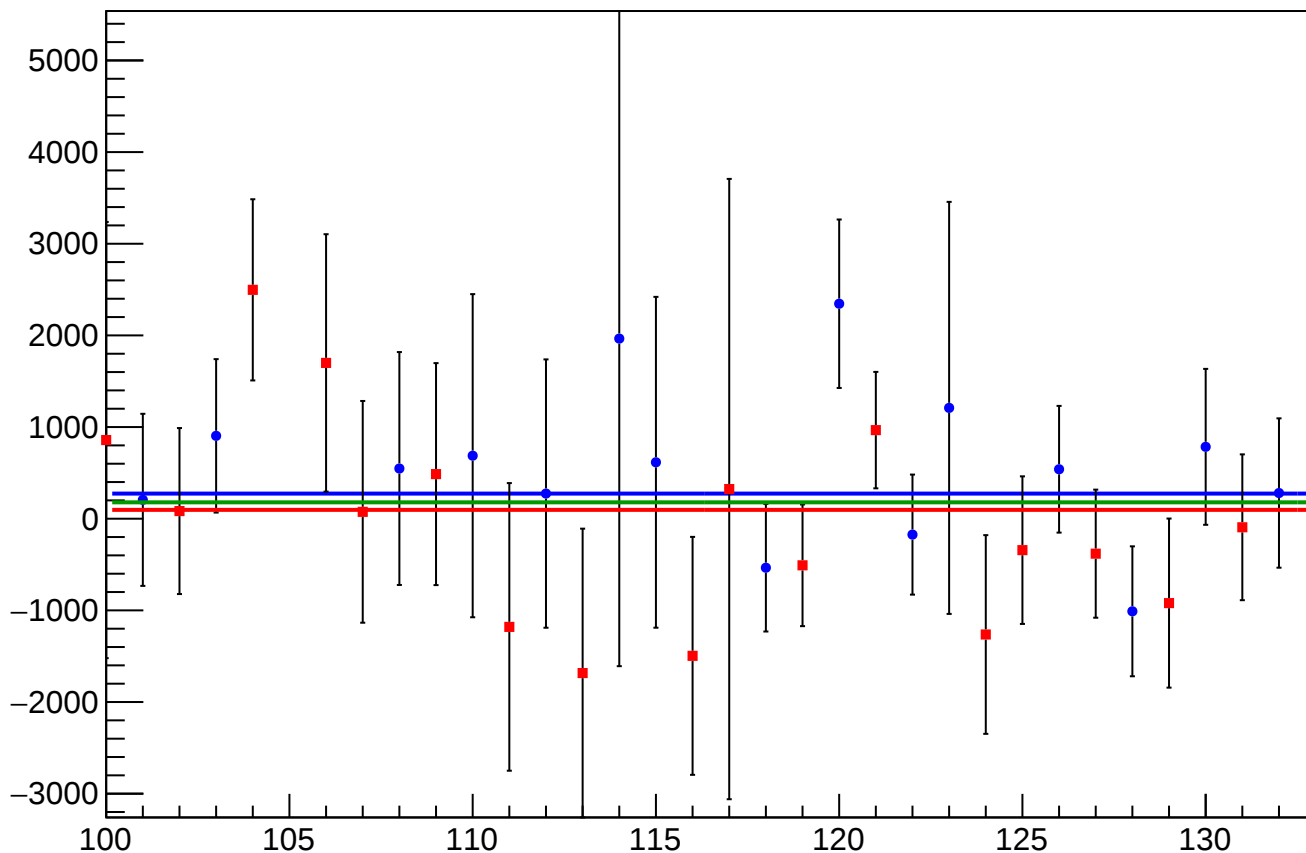
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1497.830+/-0.449 χ^2/NDF : 87311.5/14

1486.547+/-0.303 χ^2/NDF : 196433.0/32

1477.092+/-0.411 χ^2/NDF : 107961.3/17

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: 96.466+/-224.466 χ^2/NDF : 19.2/17

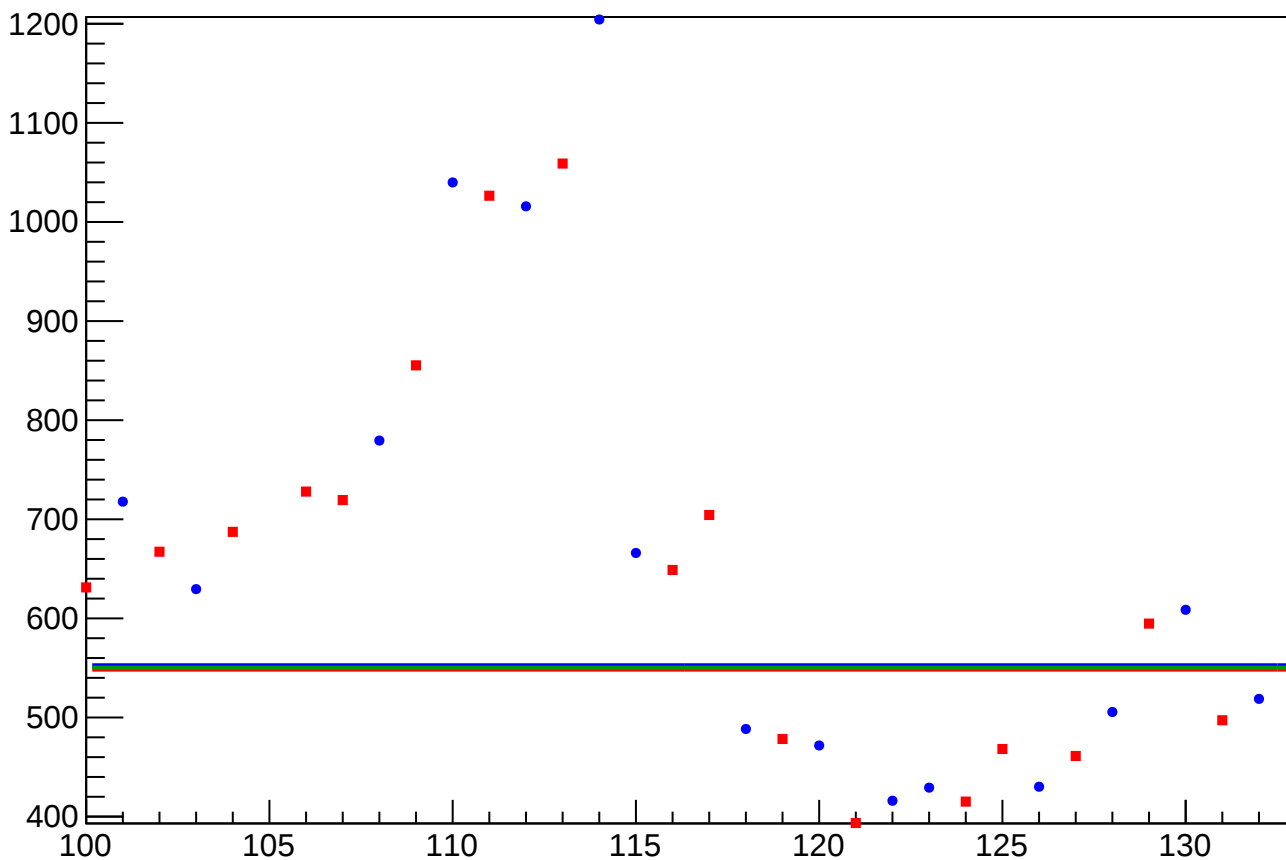
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

274.074+/-241.786 χ^2/NDF : 11.8/14

178.681+/-164.504 χ^2/NDF : 31.2/32

96.466+/-224.466 χ^2/NDF : 19.2/17

asym_sam1_rms vs Slug, Sign Corrected



Right In: 552.722 $\pm$ 0.171 χ^2 /NDF: 779346.0/14

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

Right Out: 548.291 $\pm$ 0.159 χ^2 /NDF: 966493.4/17

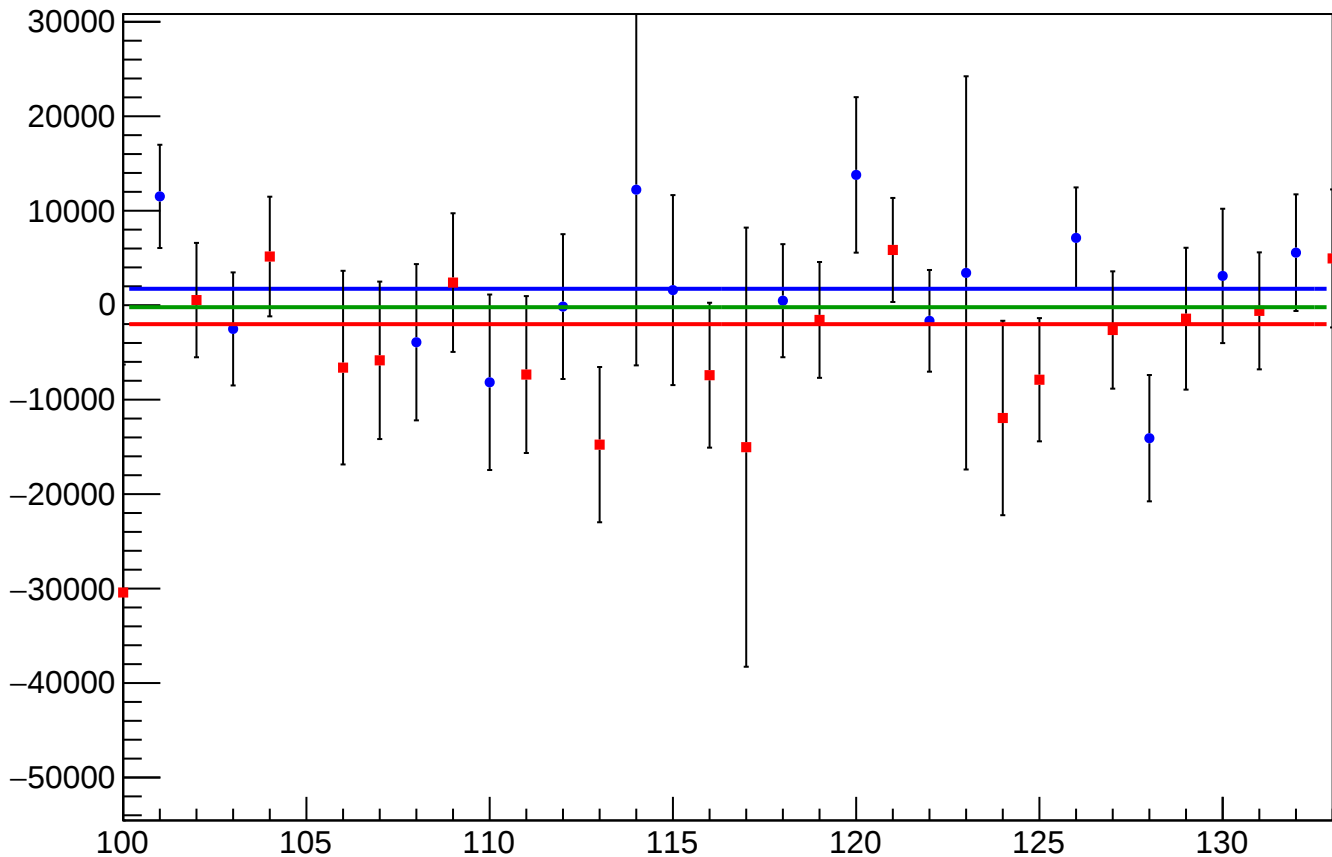
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

552.722 $\pm$ 0.171 χ^2 /NDF: 779346.0/14

550.342 $\pm$ 0.116 χ^2 /NDF: 1746200.0/32

548.291 $\pm$ 0.159 χ^2 /NDF: 966493.4/17

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1736.880+/-1824.886 χ^2/NDF : 15.3/14

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

Right Out: -2007.760+/-1752.587 χ^2/NDF : 12.0/17

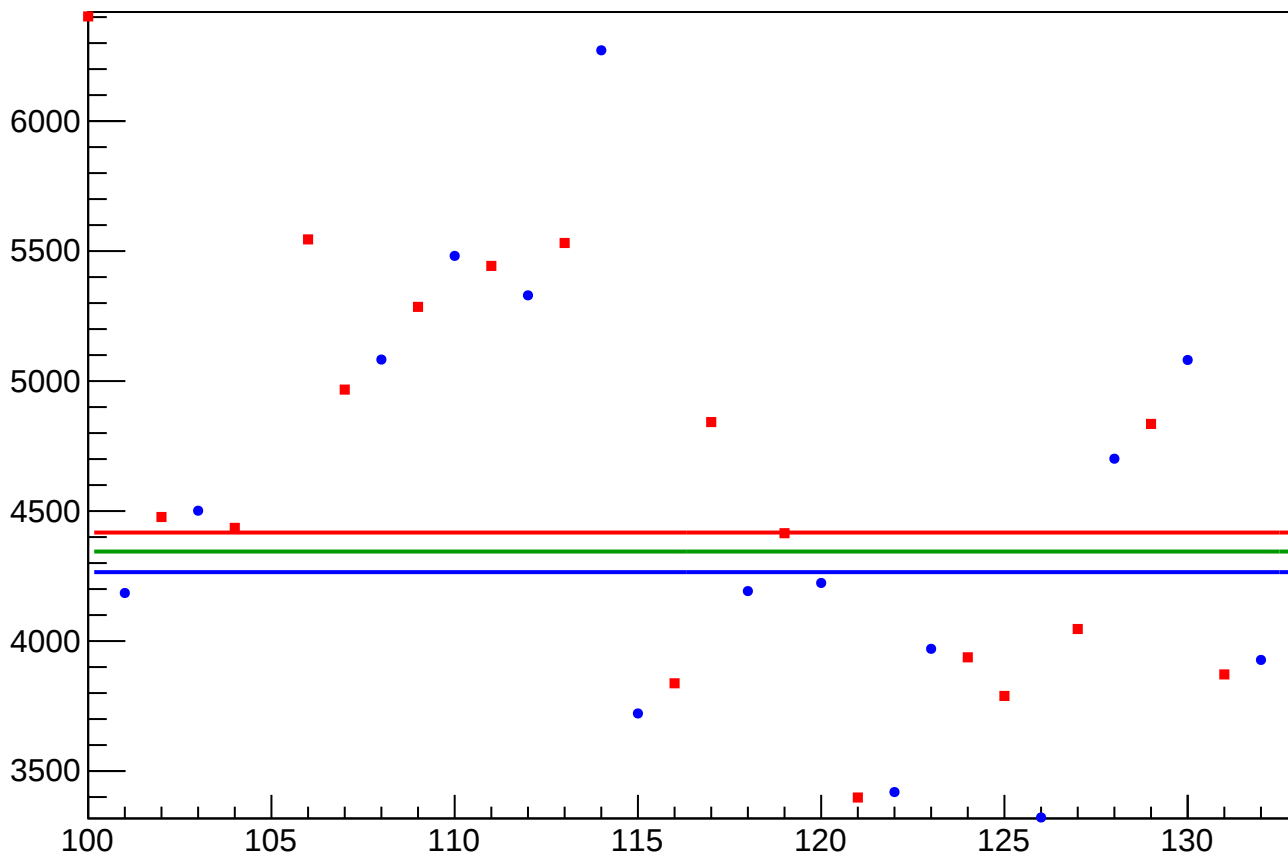
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1736.880+/-1824.886 χ^2/NDF : 15.3/14

-211.087+/-1264.053 χ^2/NDF : 29.5/32

-2007.760+/-1752.587 χ^2/NDF : 12.0/17

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4265.075 $\pm$ 1.290 χ^2 /NDF: 278425.1/14

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

Right Out: 4417.401 $\pm$ 1.239 χ^2 /NDF: 279290.3/17

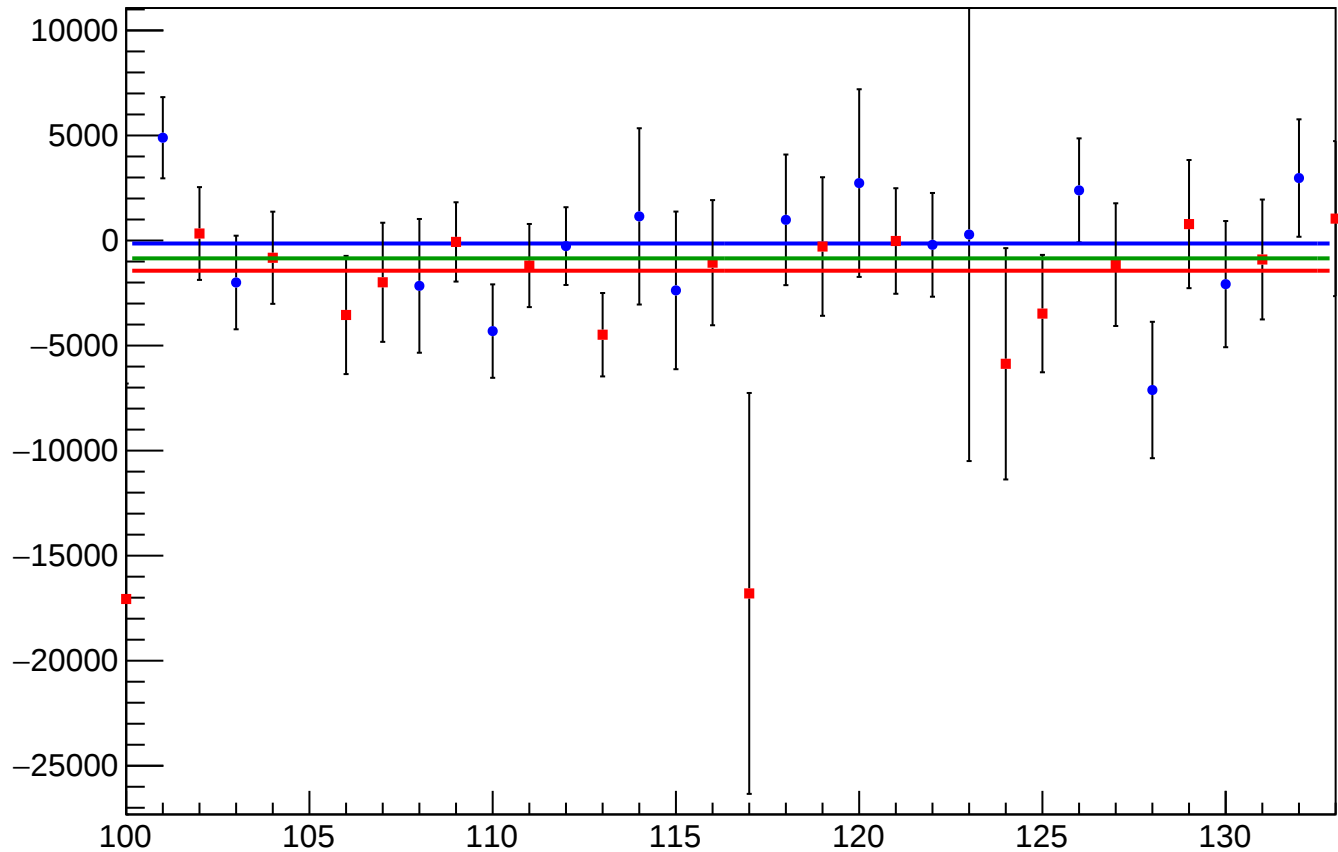
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4265.075 $\pm$ 1.290 χ^2 /NDF: 278425.1/14

4344.315 $\pm$ 0.894 χ^2 /NDF: 564964.3/32

4417.401 $\pm$ 1.239 χ^2 /NDF: 279290.3/17

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: -1437.338+/-642.904 χ^2/NDF : 11.8/17

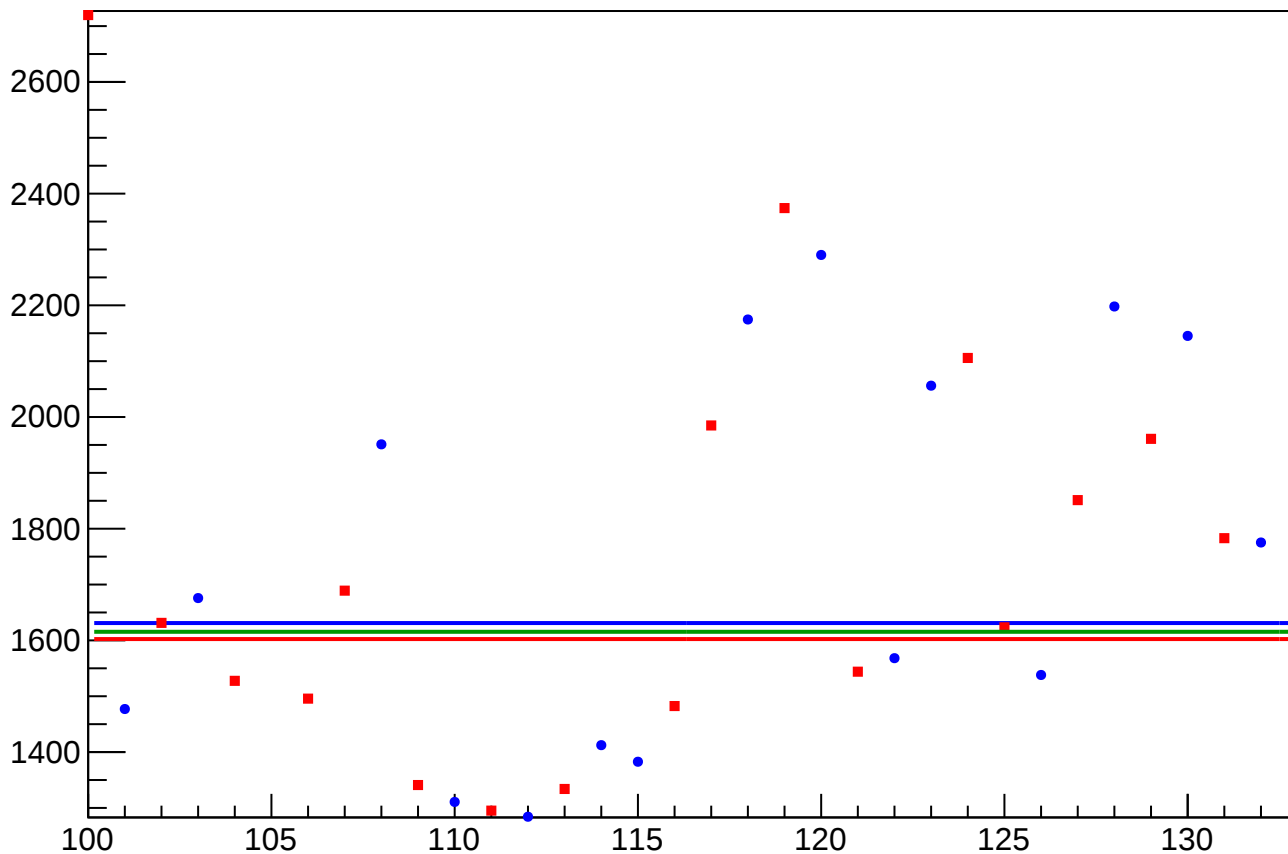
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-141.622+/-704.785 χ^2/NDF : 19.7/14

-848.849+/-474.975 χ^2/NDF : 33.4/32

-1437.338+/-642.904 χ^2/NDF : 11.8/17

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: 1602.386 $\pm$ 0.455 χ^2 /NDF: 436591.8/17

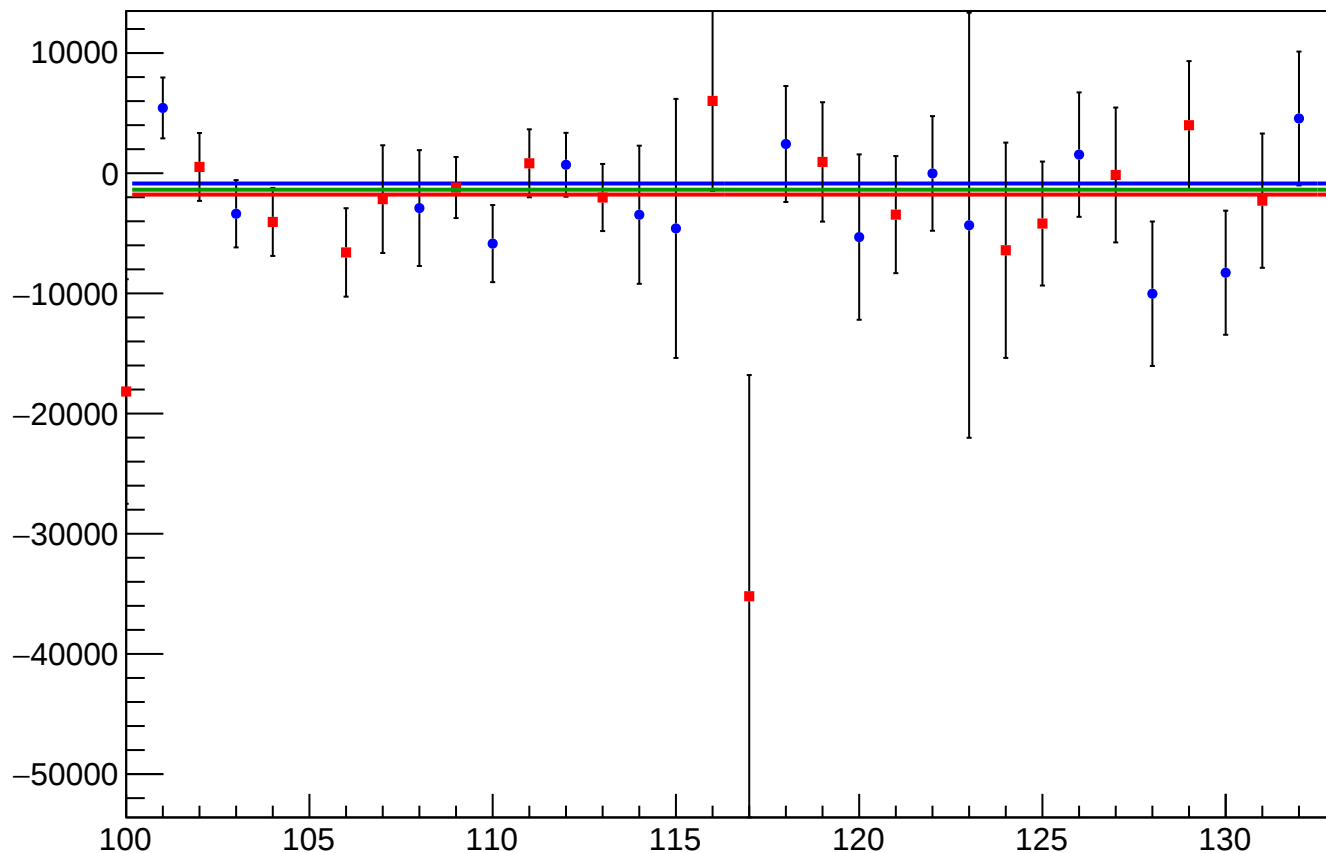
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1631.062 $\pm$ 0.498 χ^2 /NDF: 396511.4/14

1615.410 $\pm$ 0.336 χ^2 /NDF: 834910.4/32

1602.386 $\pm$ 0.455 χ^2 /NDF: 436591.8/17

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: -1777.329+/-966.700 χ^2/NDF : 13.6/17

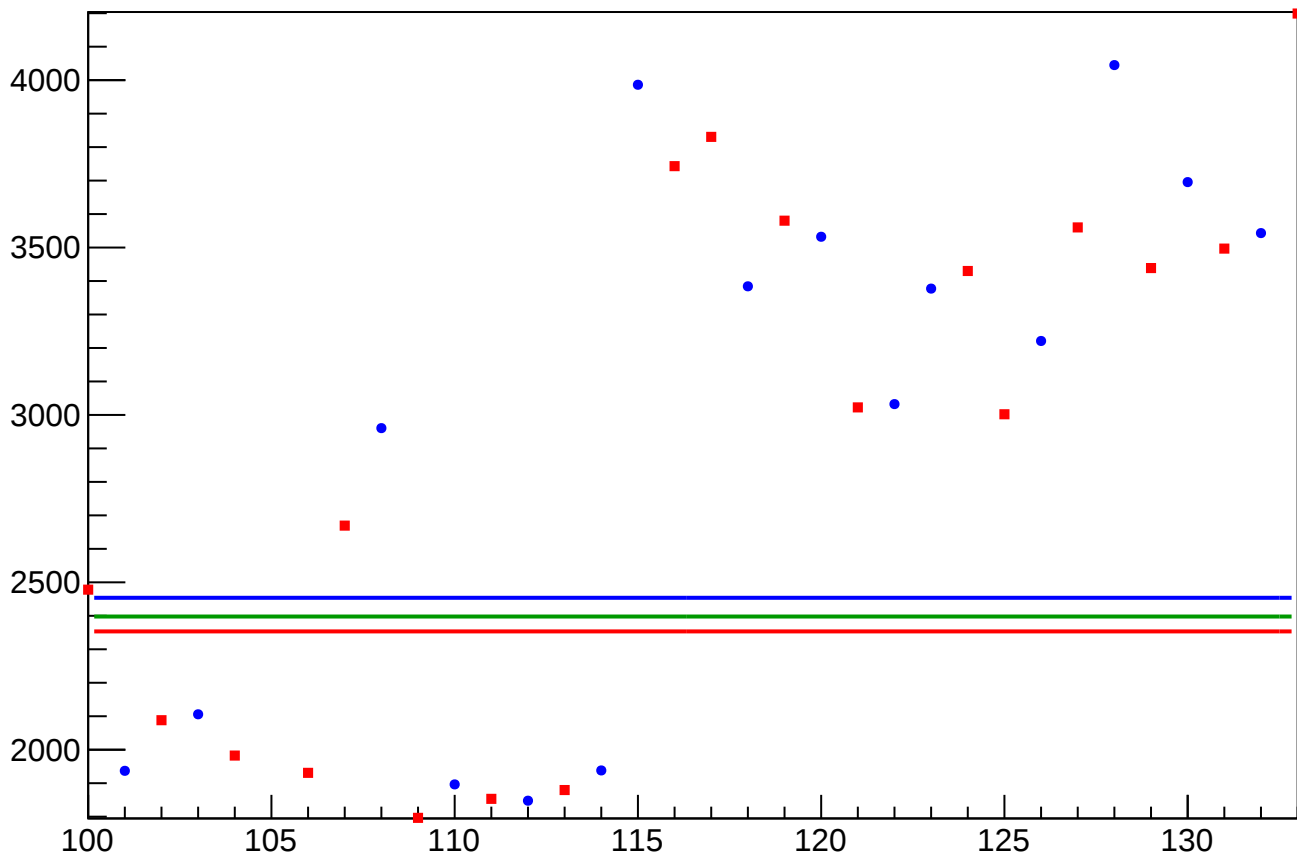
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-856.403+/-1084.571 χ^2/NDF : 16.8/14

-1369.611+/-721.649 χ^2/NDF : 30.7/32

-1777.329+/-966.700 χ^2/NDF : 13.6/17

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: 2353.400 $\pm$ 0.684 χ^2 /NDF: 1032195.1/17

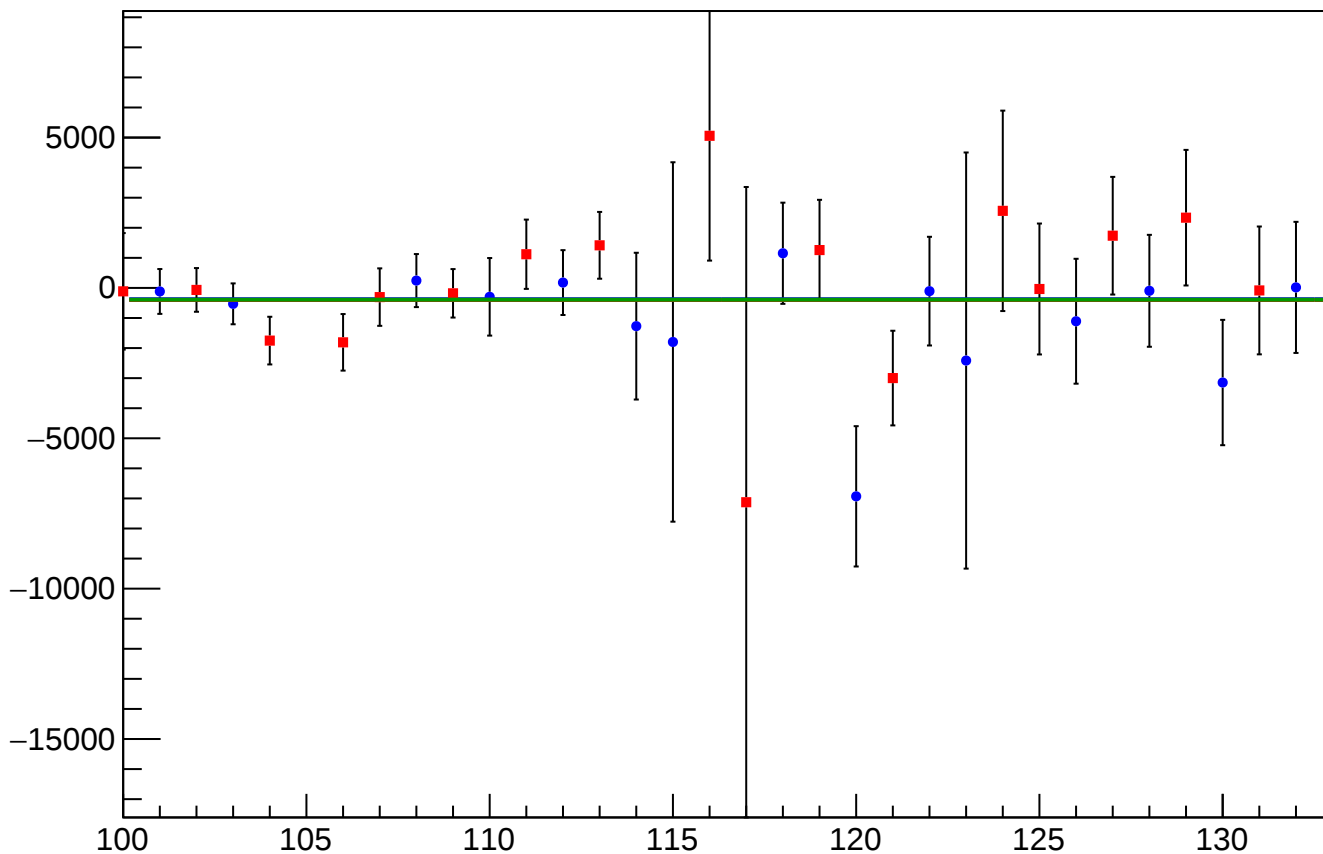
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2453.812 $\pm$ 0.767 χ^2 /NDF: 891917.1/14

2397.855 $\pm$ 0.510 χ^2 /NDF: 1933665.5/32

2353.400 $\pm$ 0.684 χ^2 /NDF: 1032195.1/17

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: -400.715+/-295.152 χ^2/NDF : 22.3/17

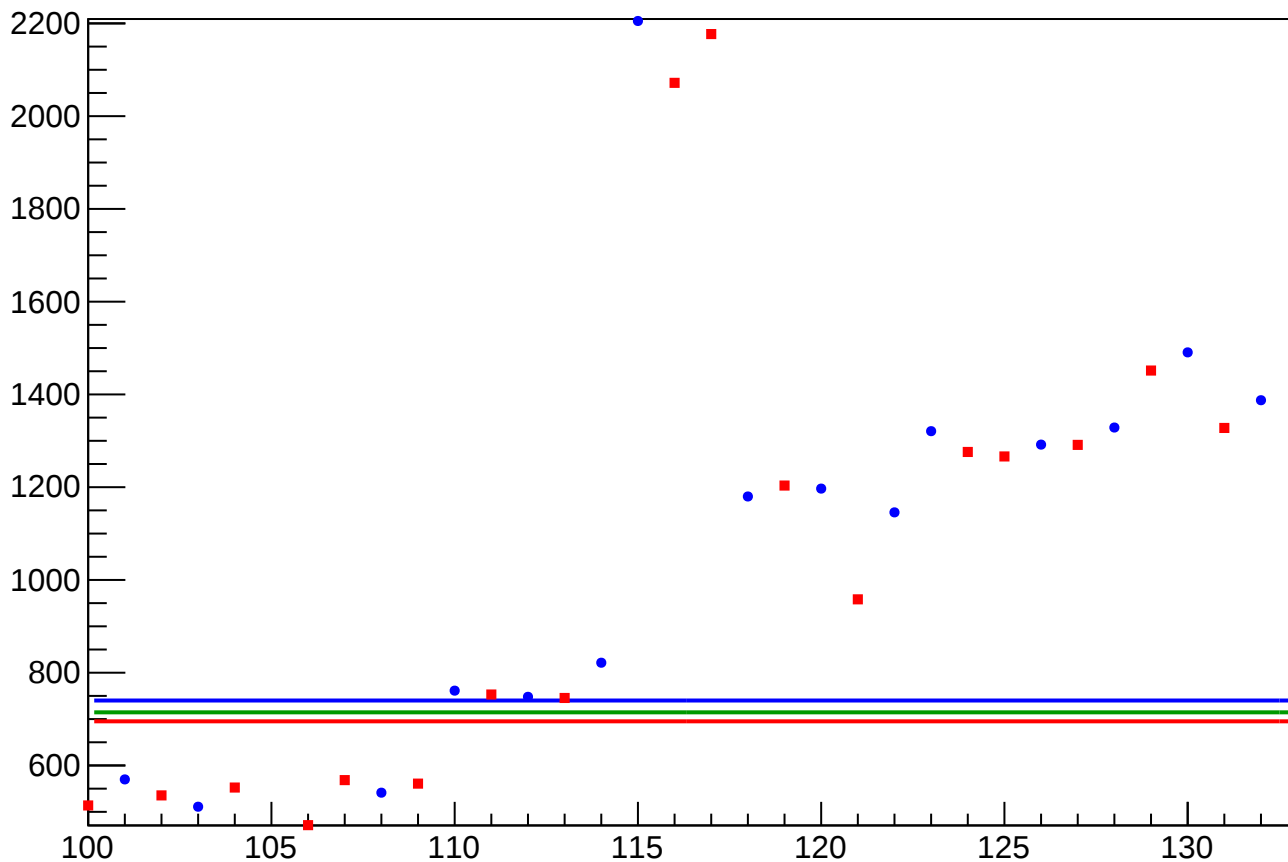
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-376.114+/-338.412 χ^2/NDF : 11.9/14

-390.087+/-222.436 χ^2/NDF : 34.2/32

-400.715+/-295.152 χ^2/NDF : 22.3/17

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: 695.167+/-0.209 χ^2/NDF : 1709107.3/17

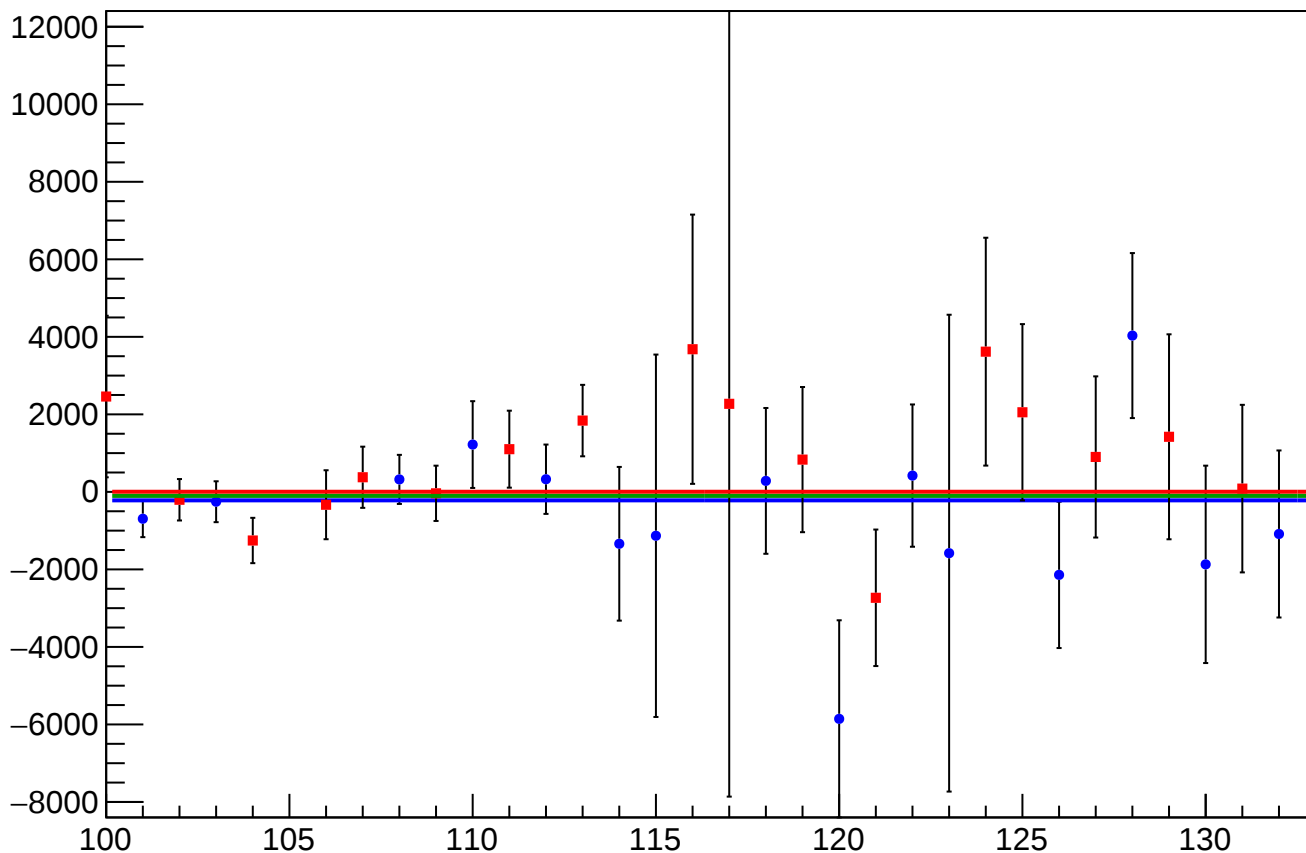
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

740.053+/-0.239 χ^2/NDF : 1661316.2/14

714.559+/-0.157 χ^2/NDF : 3390407.1/32

695.167+/-0.209 χ^2/NDF : 1709107.3/17

asym_sam6_mean vs Slug, Sign Corrected



Right In: -218.741+/-262.546 χ^2/NDF : 14.9/14

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

Right Out: 3.437+/-254.046 χ^2/NDF : 19.3/17

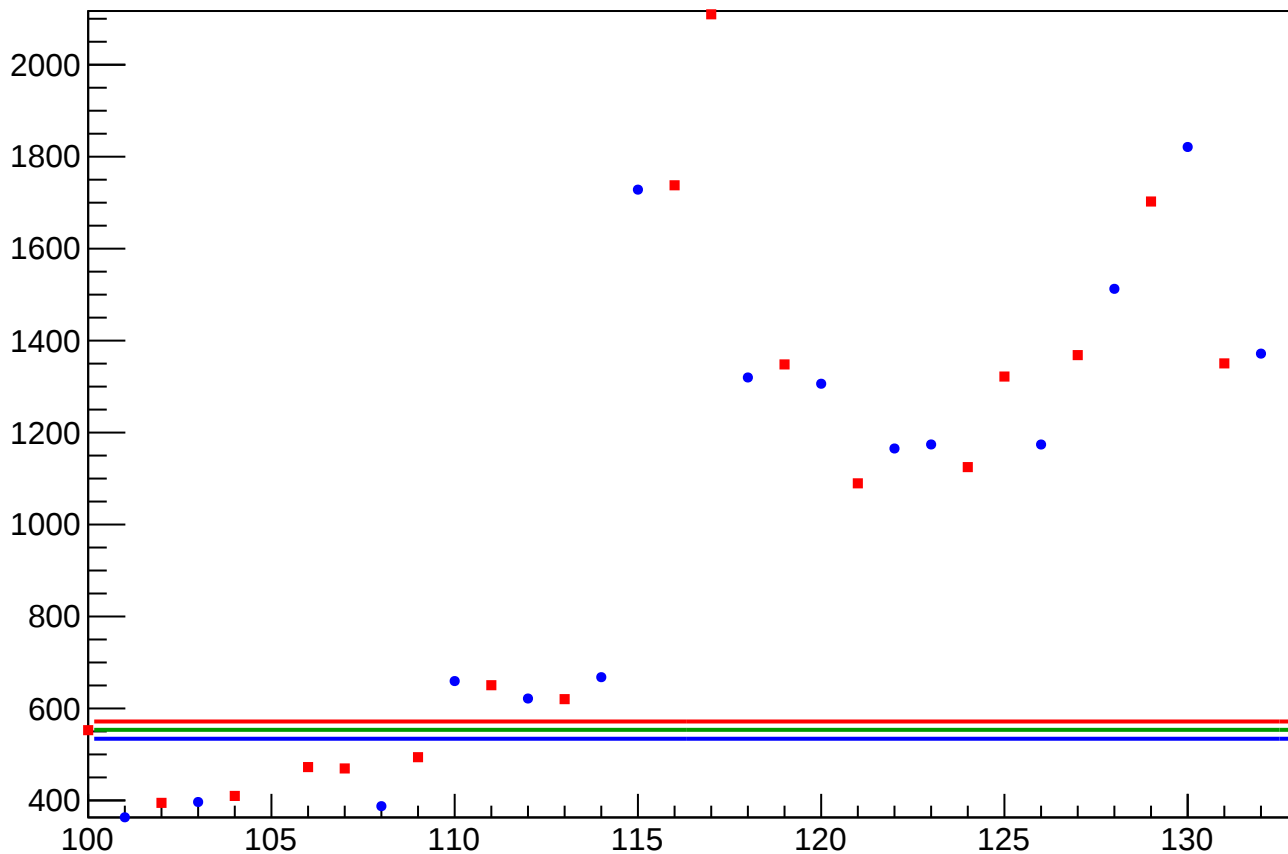
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-218.741+/-262.546 χ^2/NDF : 14.9/14

-103.998+/-182.569 χ^2/NDF : 34.5/32

3.437+/-254.046 χ^2/NDF : 19.3/17

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: 571.658+/-0.180 χ^2/NDF : 2768596.1/17

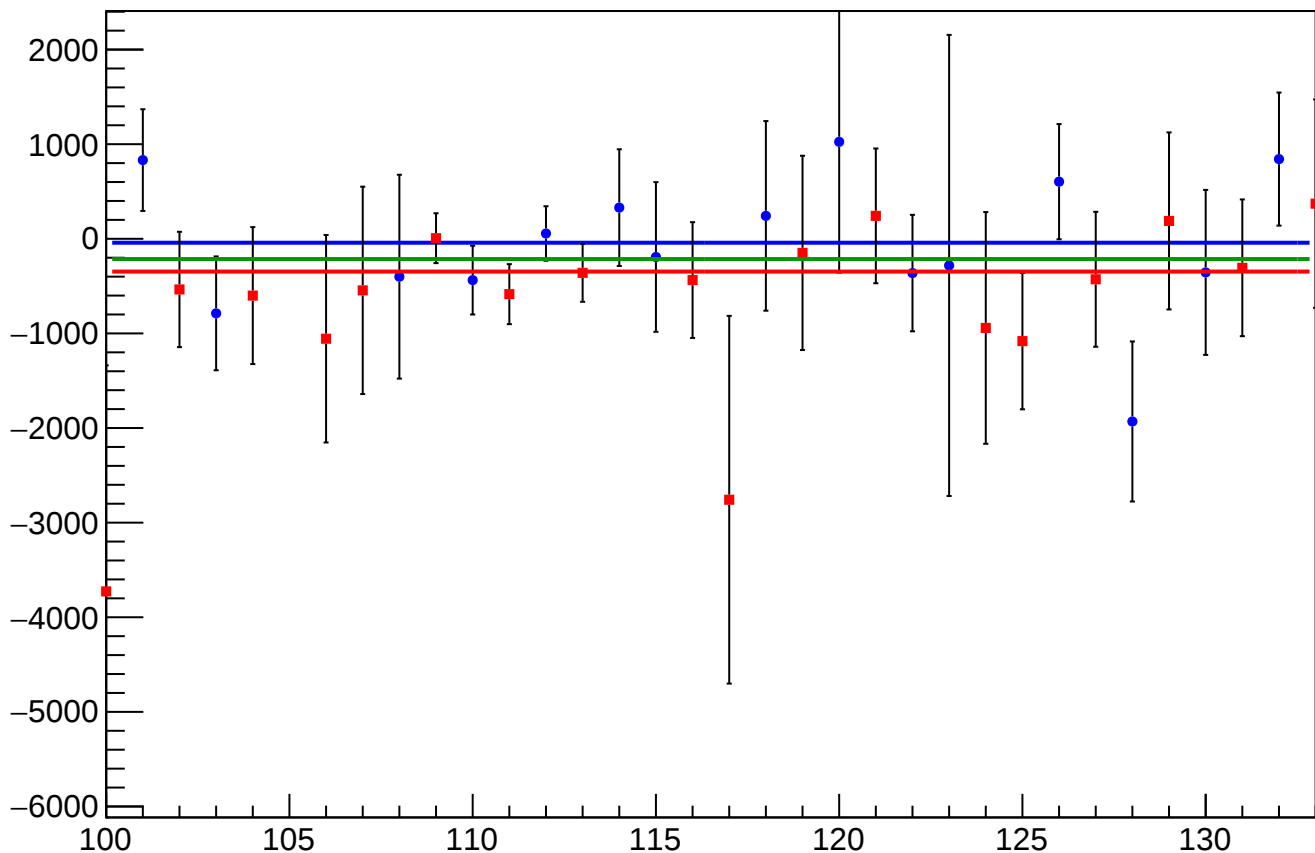
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

534.122+/-0.186 χ^2/NDF : 2943505.8/14

553.507+/-0.129 χ^2/NDF : 5733215.1/32

571.658+/-0.180 χ^2/NDF : 2768596.1/17

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: -346.353 ± 133.930 χ^2/NDF : 9.4/17

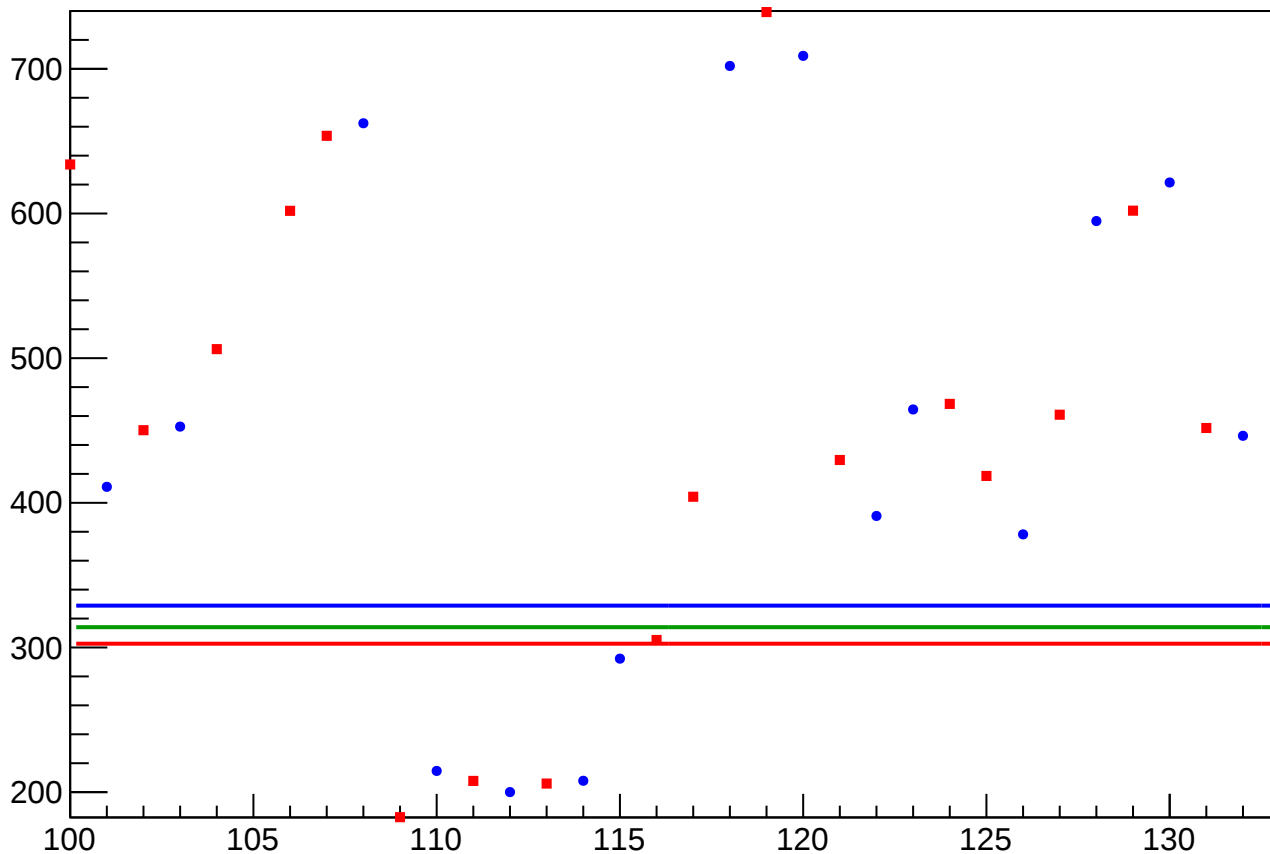
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.407 ± 153.026 χ^2/NDF : 14.8/14

-214.083 ± 100.782 χ^2/NDF : 26.4/32

-346.353 ± 133.930 χ^2/NDF : 9.4/17

asym_sam7_rms vs Slug, Sign Corrected



Right In: 328.940 $\pm$ 0.108 χ^2 /NDF: 1949107.2/14

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

Right Out: 302.619 $\pm$ 0.095 χ^2 /NDF: 2658947.3/17

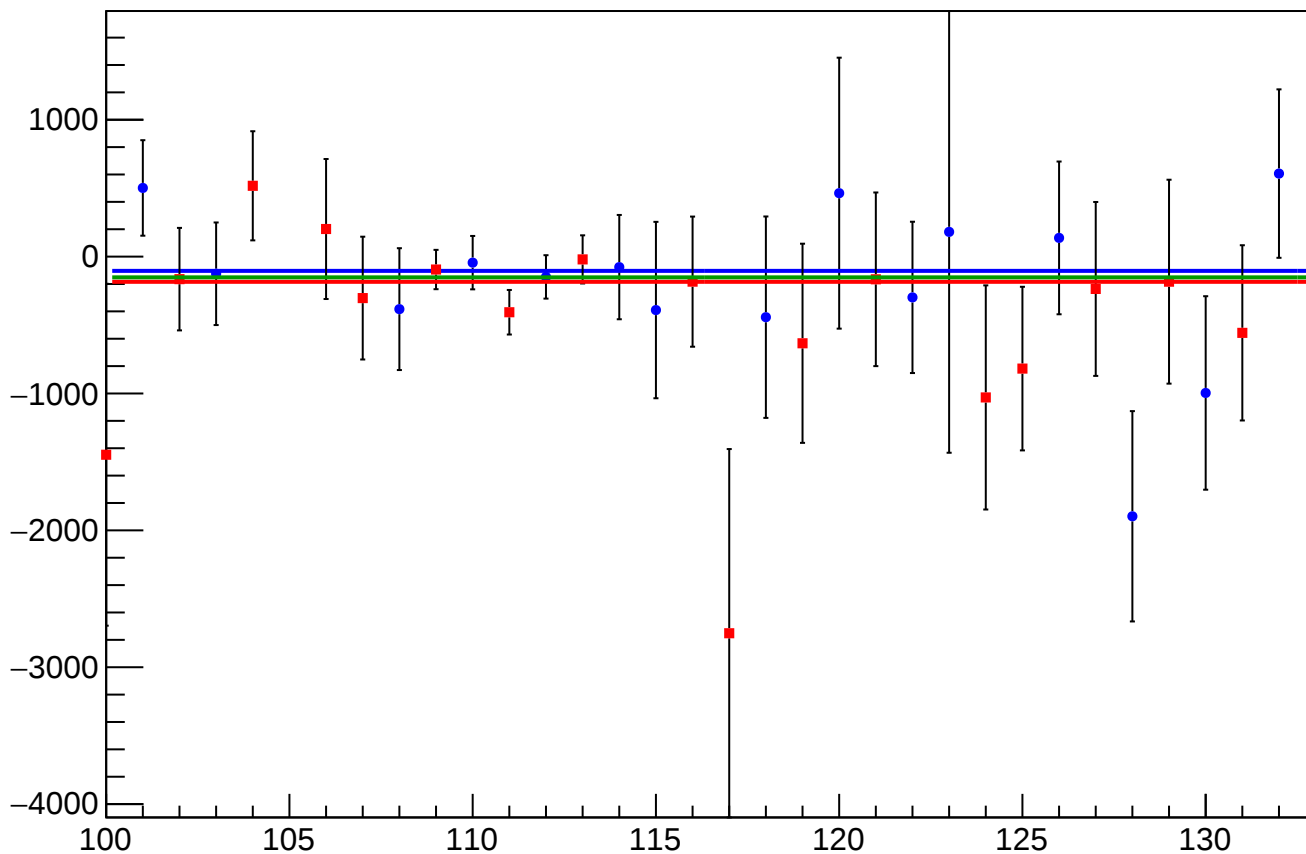
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

328.940 $\pm$ 0.108 χ^2 /NDF: 1949107.2/14

314.036 $\pm$ 0.071 χ^2 /NDF: 4641559.9/32

302.619 $\pm$ 0.095 χ^2 /NDF: 2658947.3/17

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: -184.132+/-78.387 χ^2/NDF : 14.6/17

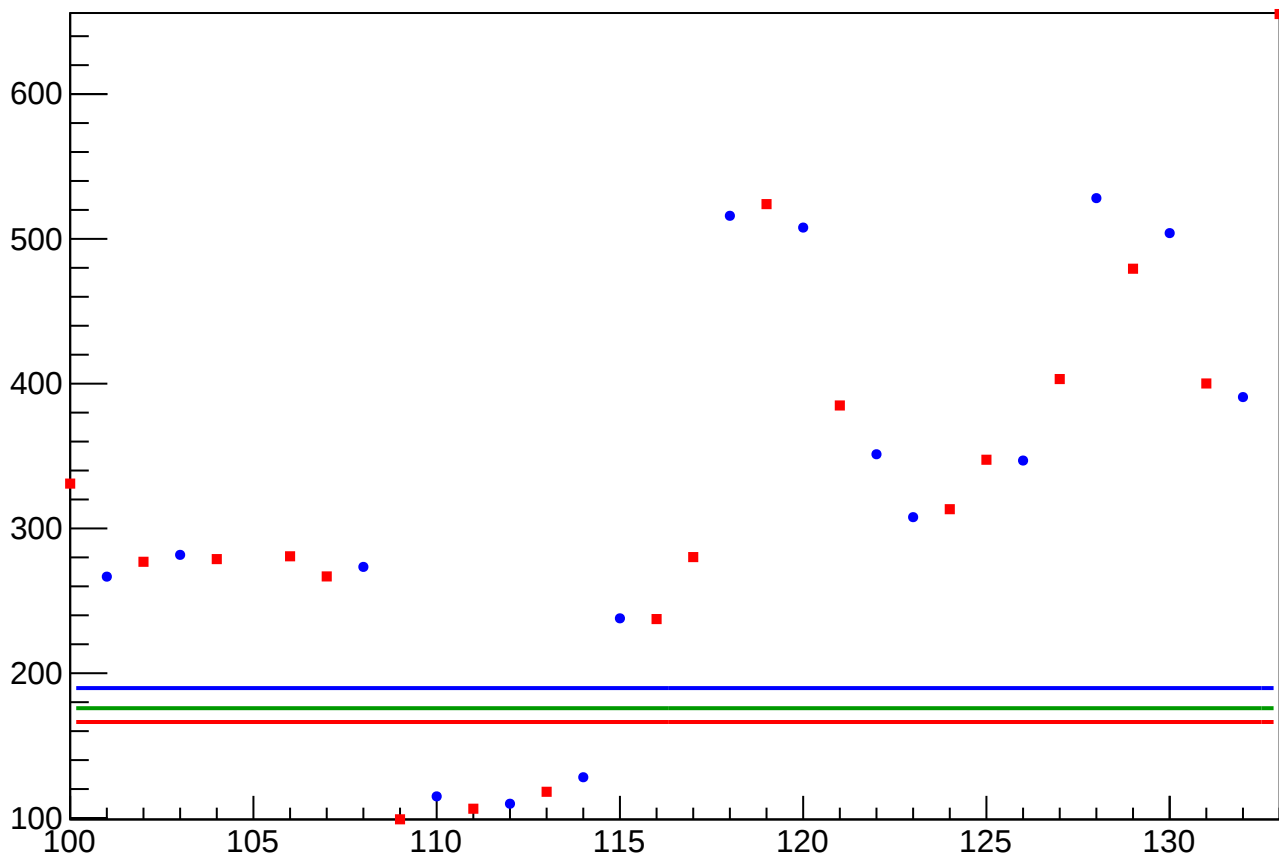
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-104.165+/-94.576 χ^2/NDF : 13.0/14

-151.568+/-60.352 χ^2/NDF : 28.1/32

-184.132+/-78.387 χ^2/NDF : 14.6/17

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: 166.303+/-0.055 χ^2/NDF : 3833799.6/17

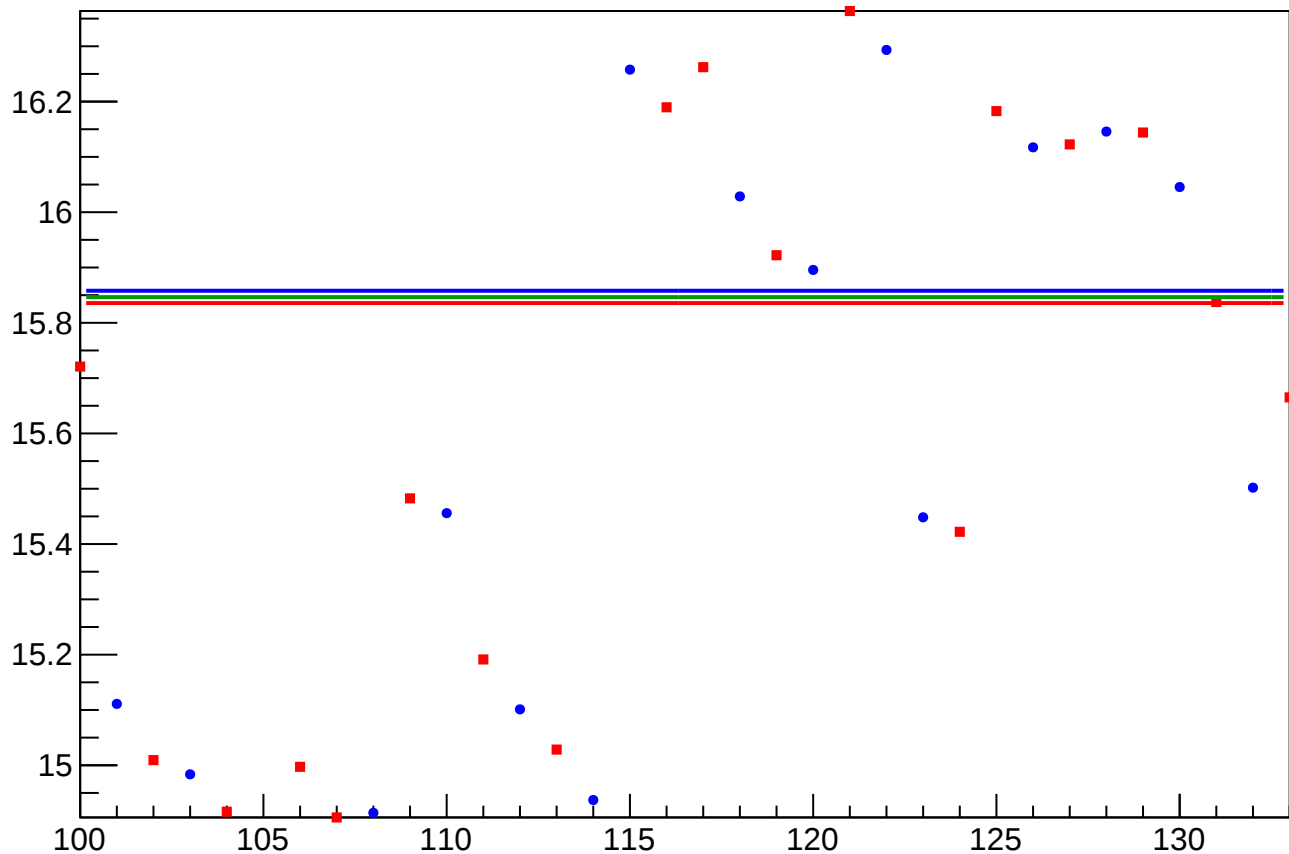
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.730+/-0.067 χ^2/NDF : 3090135.7/14

175.843+/-0.043 χ^2/NDF : 6996682.6/32

166.303+/-0.055 χ^2/NDF : 3833799.6/17

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: 15.836+/-0.000 χ^2/NDF : 4365028502.5/17

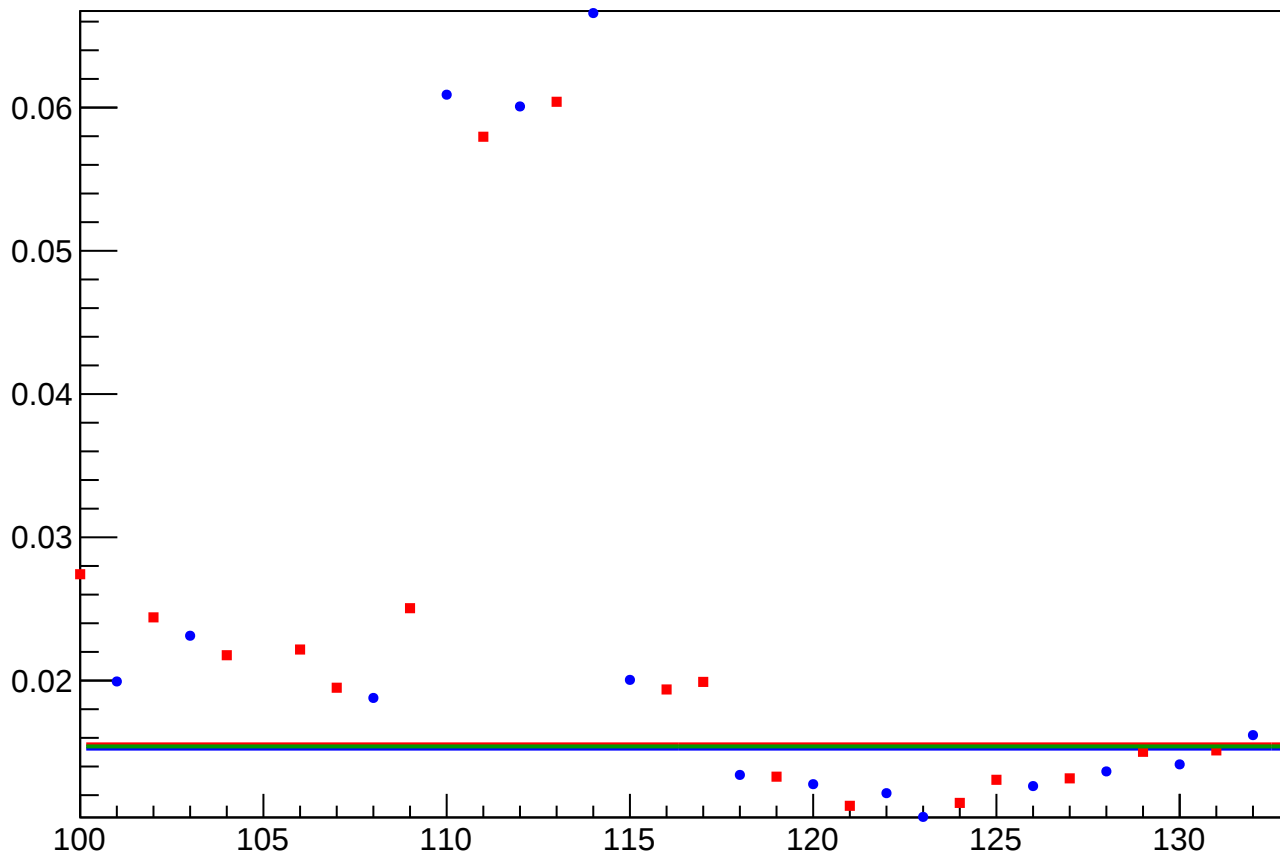
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.858+/-0.000 χ^2/NDF : 3782763483.9/14

15.846+/-0.000 χ^2/NDF : 8152879113.0/3

15.836+/-0.000 χ^2/NDF : 4365028502.5/17

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 : 1569546.3/17

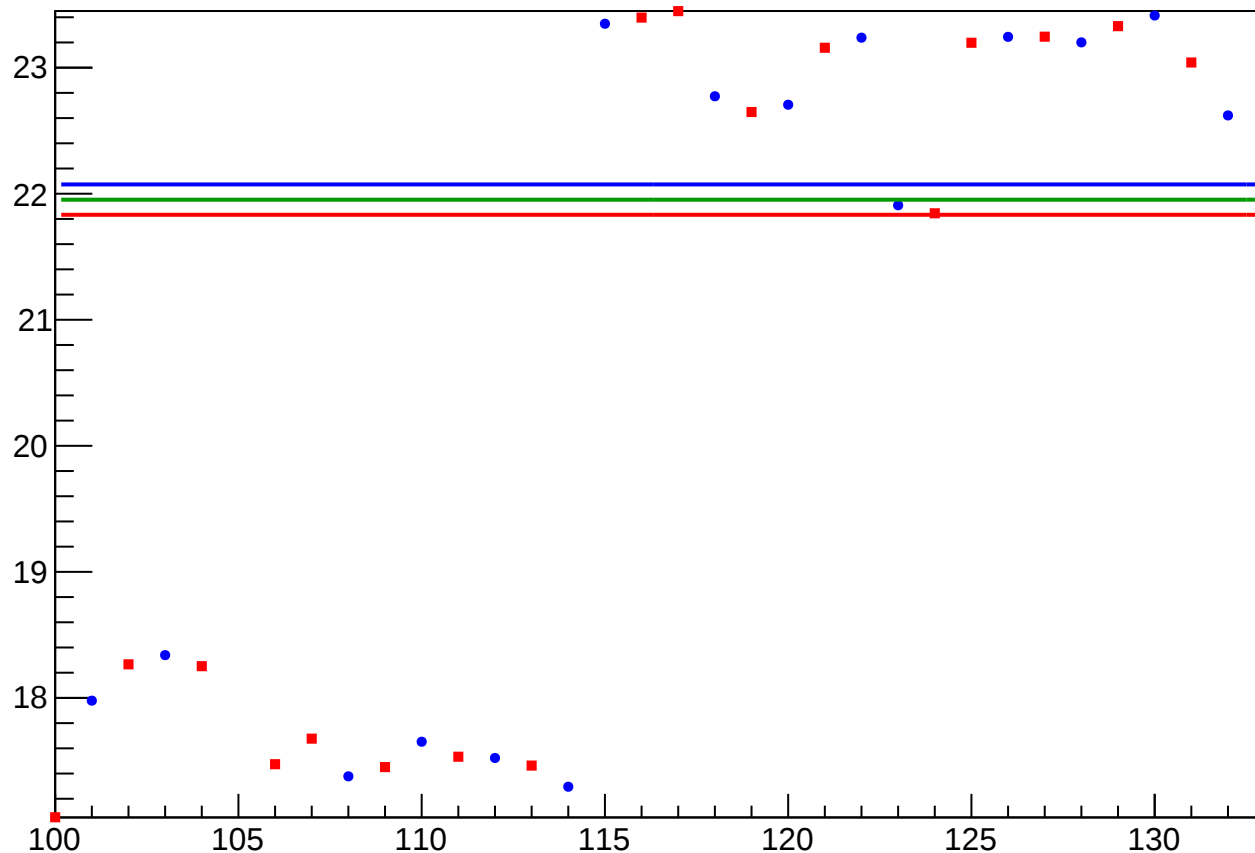
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1360672.4/14

0.015+/-0.000 χ^2/NDF : 2932006.6/32

0.016+/-0.000 χ^2/NDF : 1569546.3/17

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: 21.833+/-0.000 χ^2/NDF : 1039346223.6/17

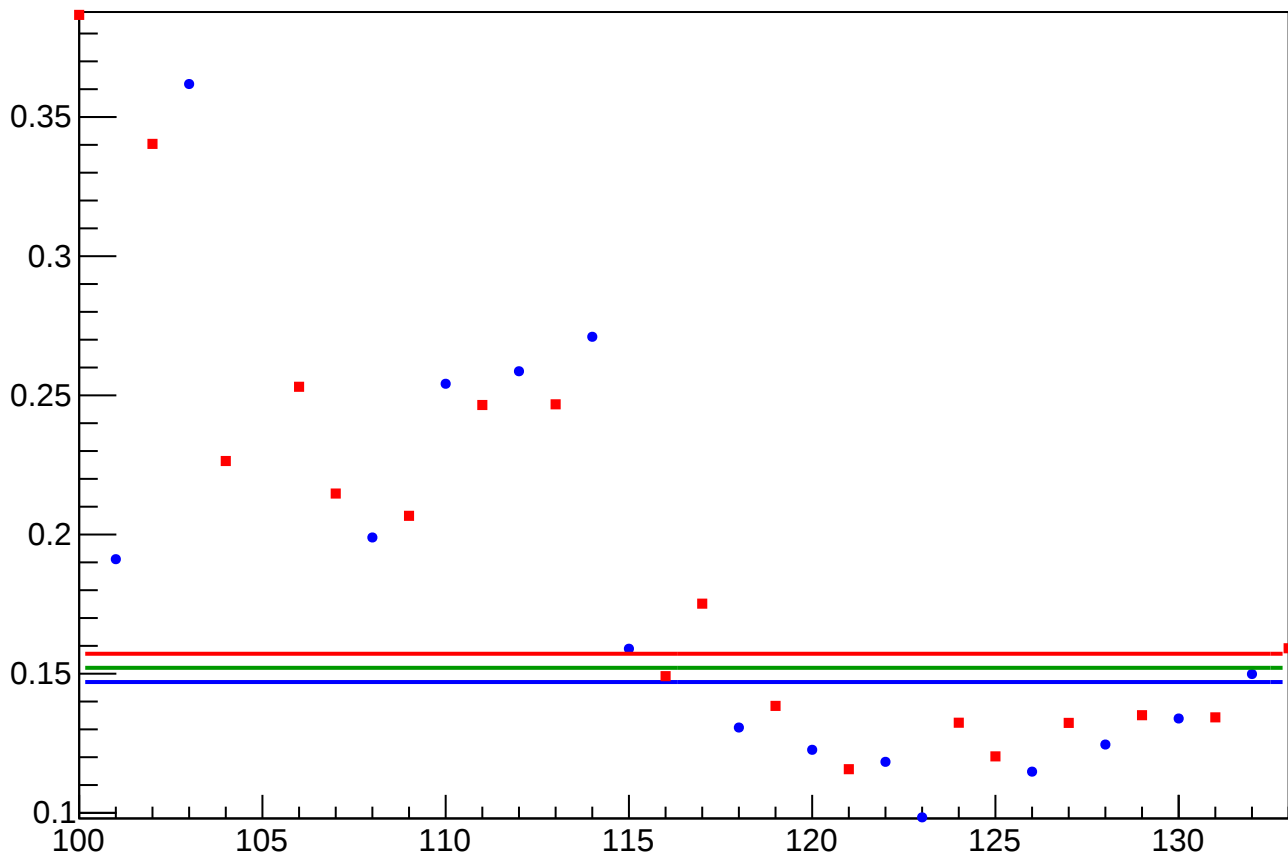
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.074+/-0.000 χ^2/NDF : 904959864.7/14

21.953+/-0.000 χ^2/NDF : 1950352994.6/3

21.833+/-0.000 χ^2/NDF : 1039346223.6/17

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 : 1029253.5/17

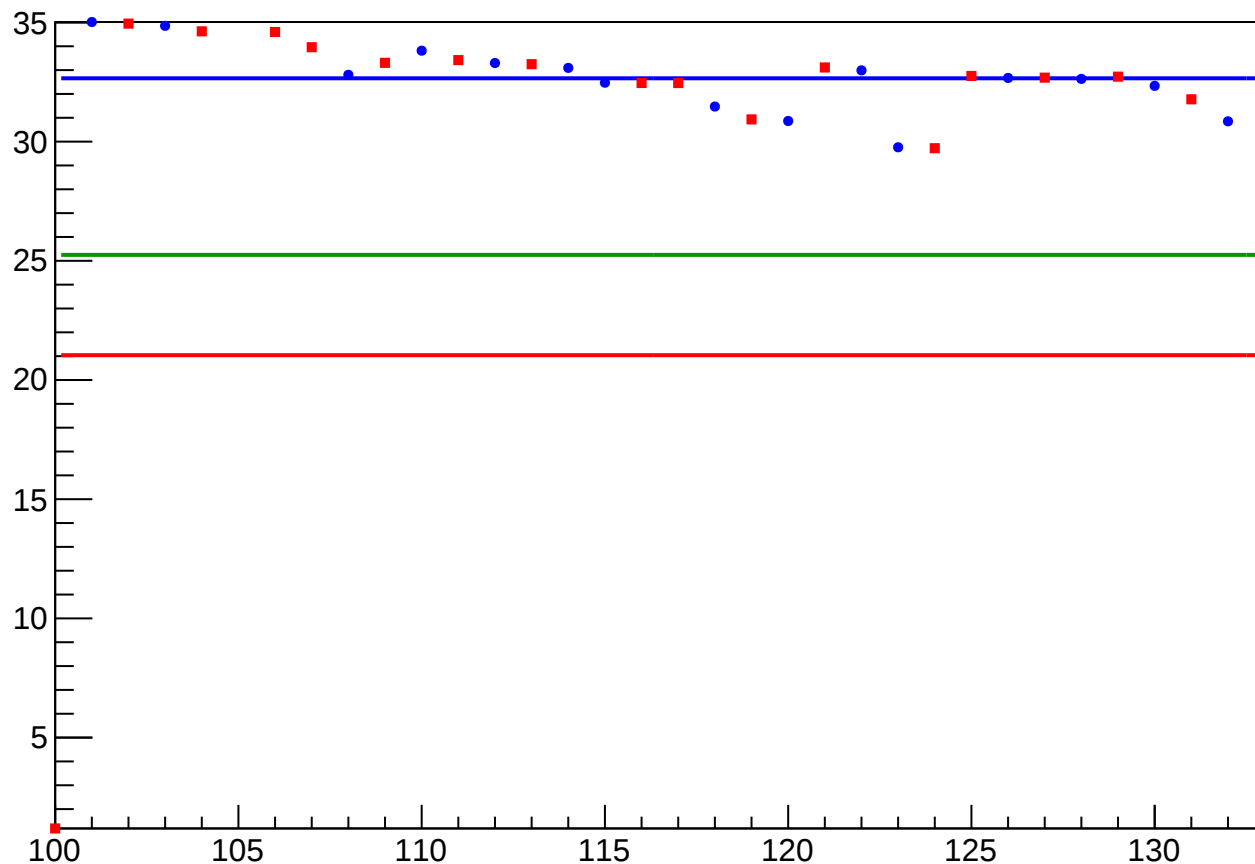
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.147+/-0.000 χ^2/NDF : 992168.1/14

0.152+/-0.000 χ^2/NDF : 2042922.6/32

0.157+/-0.000 χ^2/NDF : 1029253.5/17

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: 21.041+/-0.000 χ^2/NDF : 223567478316.0/17

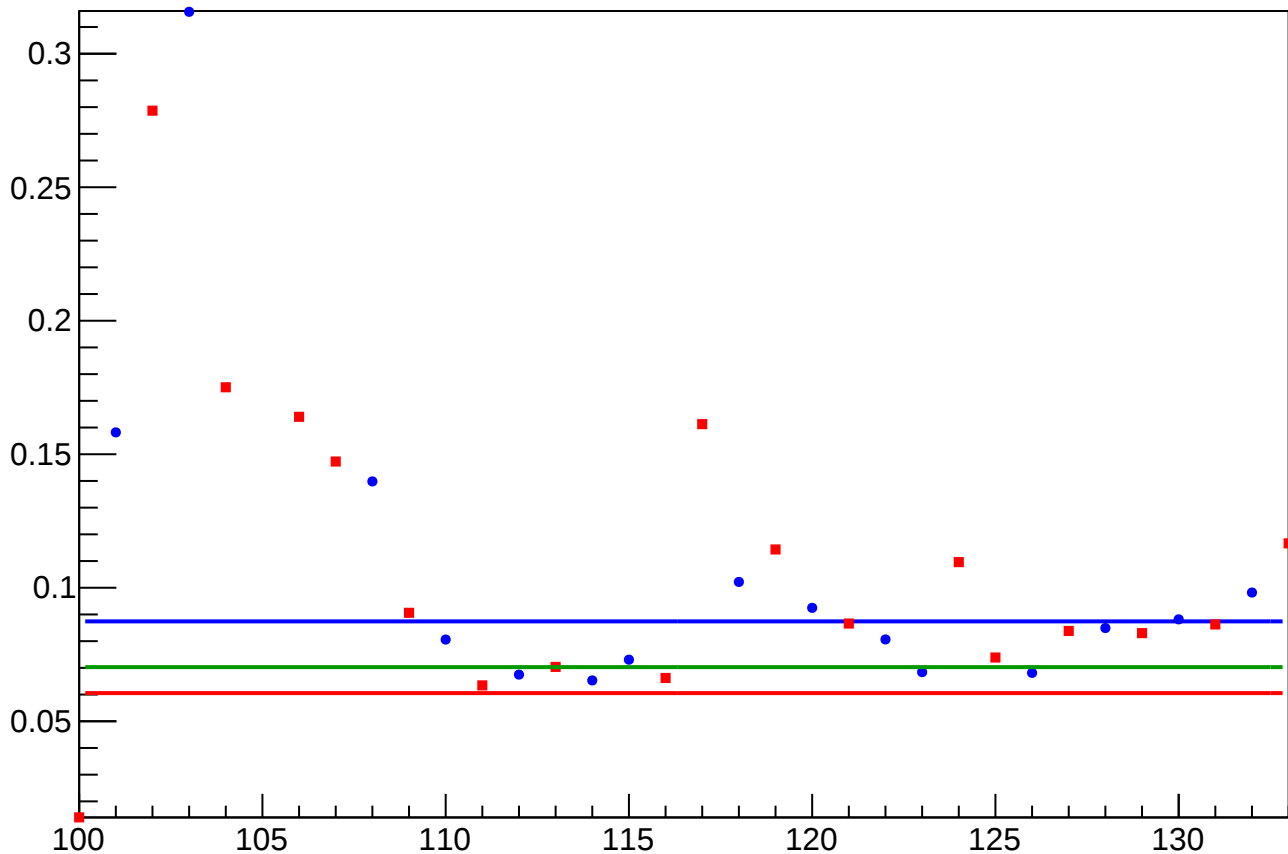
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.656+/-0.000 χ^2/NDF : 549196940.3/14

25.249+/-0.000 χ^2/NDF : 270922711811.9

21.041+/-0.000 χ^2/NDF : 223567478316.0/17

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: 0.061+/-0.000 χ^2/NDF : 3619328.0/17

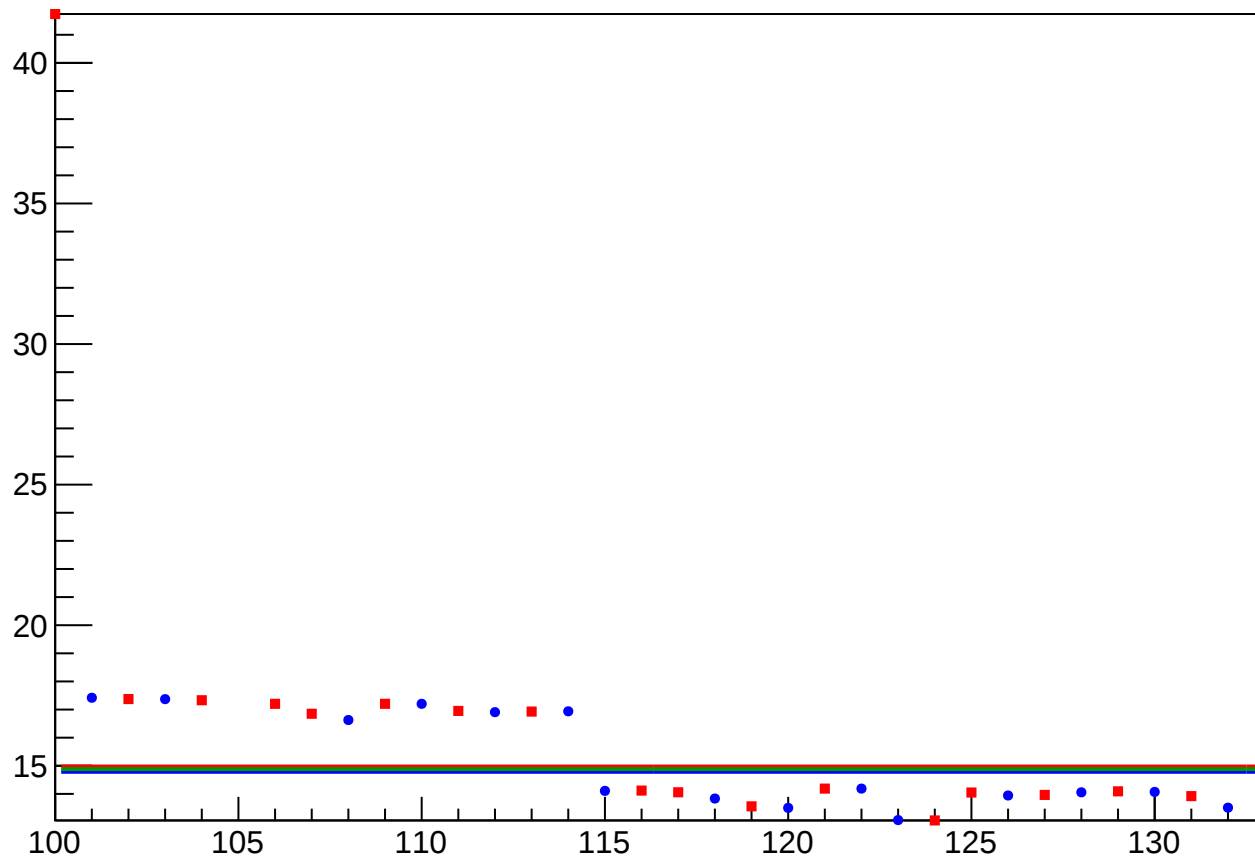
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 1050427.7/14

0.070+/-0.000 χ^2/NDF : 5170391.6/32

0.061+/-0.000 χ^2/NDF : 3619328.0/17

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: 14.973+/-0.000 χ^2/NDF : 1747844231.7/17

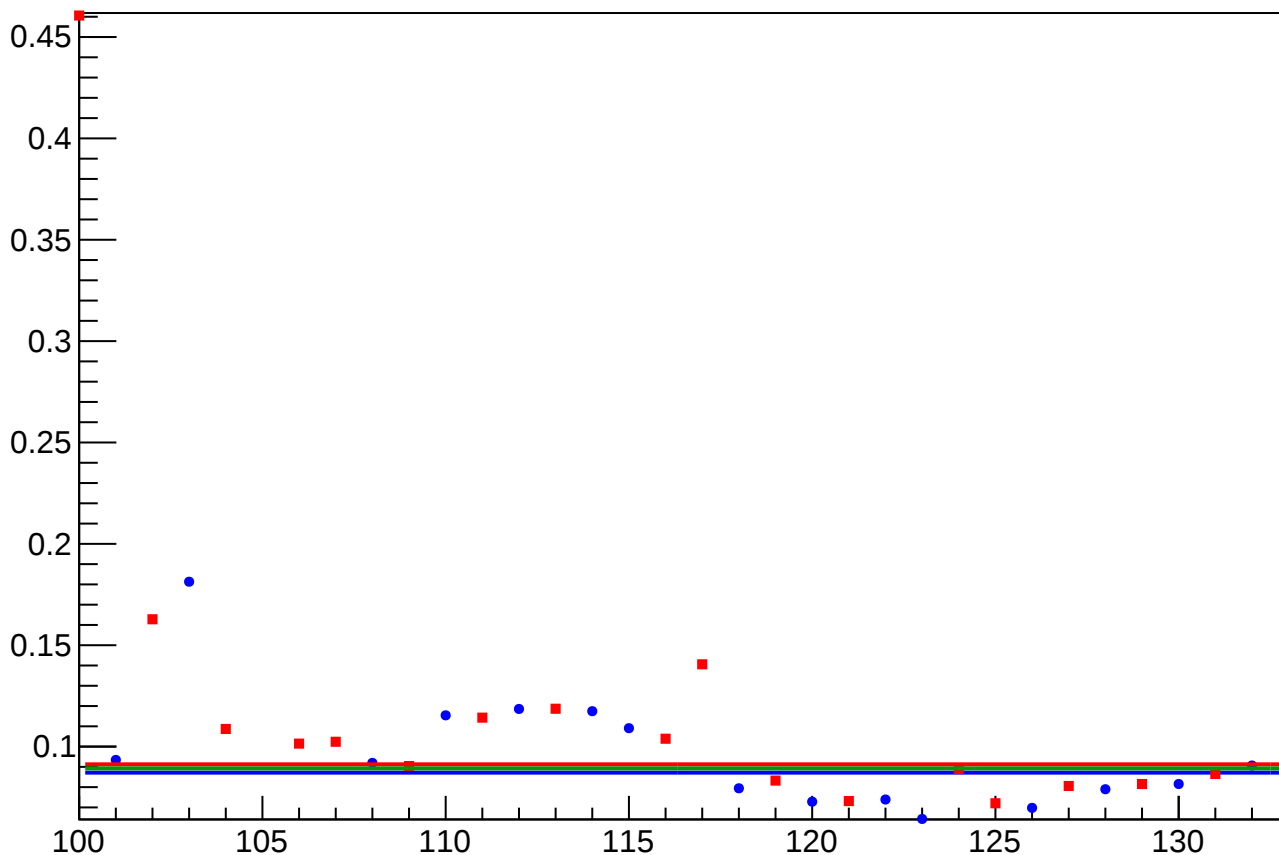
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.787+/-0.000 χ^2/NDF : 1323678362.3/14

14.882+/-0.000 χ^2/NDF : 3082518808.3/3

14.973+/-0.000 χ^2/NDF : 1747844231.7/17

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: 0.091+/-0.000 χ^2/NDF : 530479.2/17

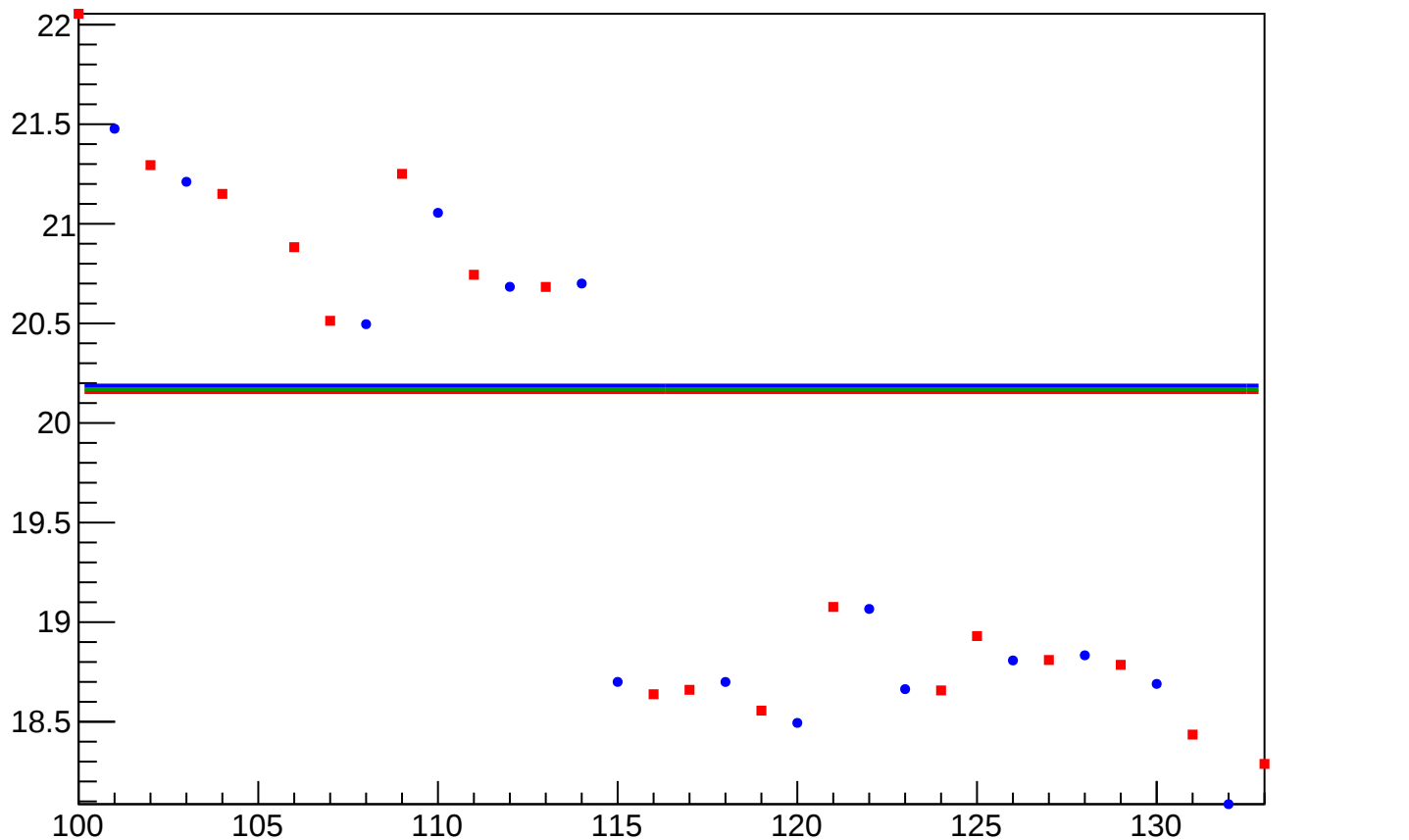
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 547173.9/14

0.089+/-0.000 χ^2/NDF : 1088352.8/32

0.091+/-0.000 χ^2/NDF : 530479.2/17

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: 20.155+/-0.000 χ^2/NDF : 7831685863.8/17

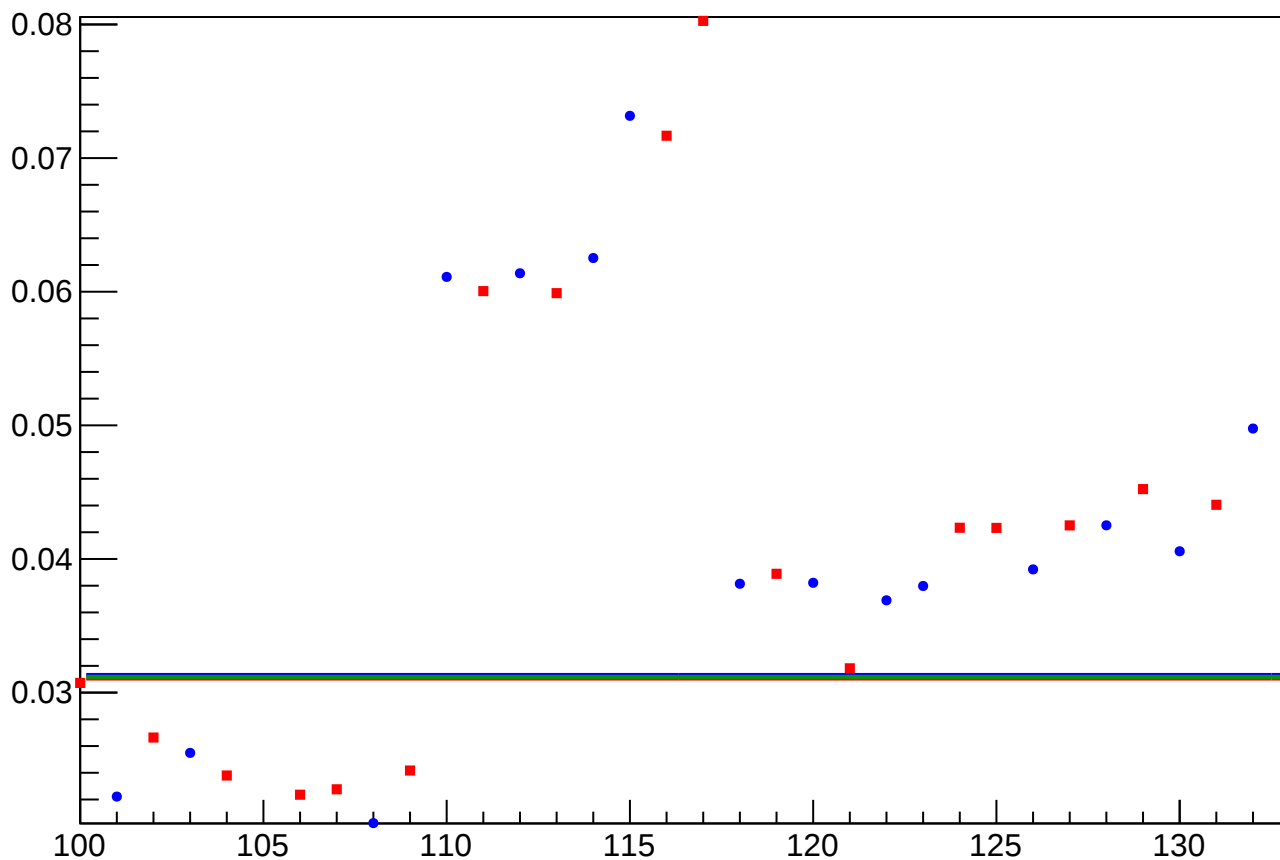
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.188+/-0.000 χ^2/NDF : 6841844982.5/14

20.170+/-0.000 χ^2/NDF : 14676255039.2/14

20.155+/-0.000 χ^2/NDF : 7831685863.8/17

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 : 1199570.7/17

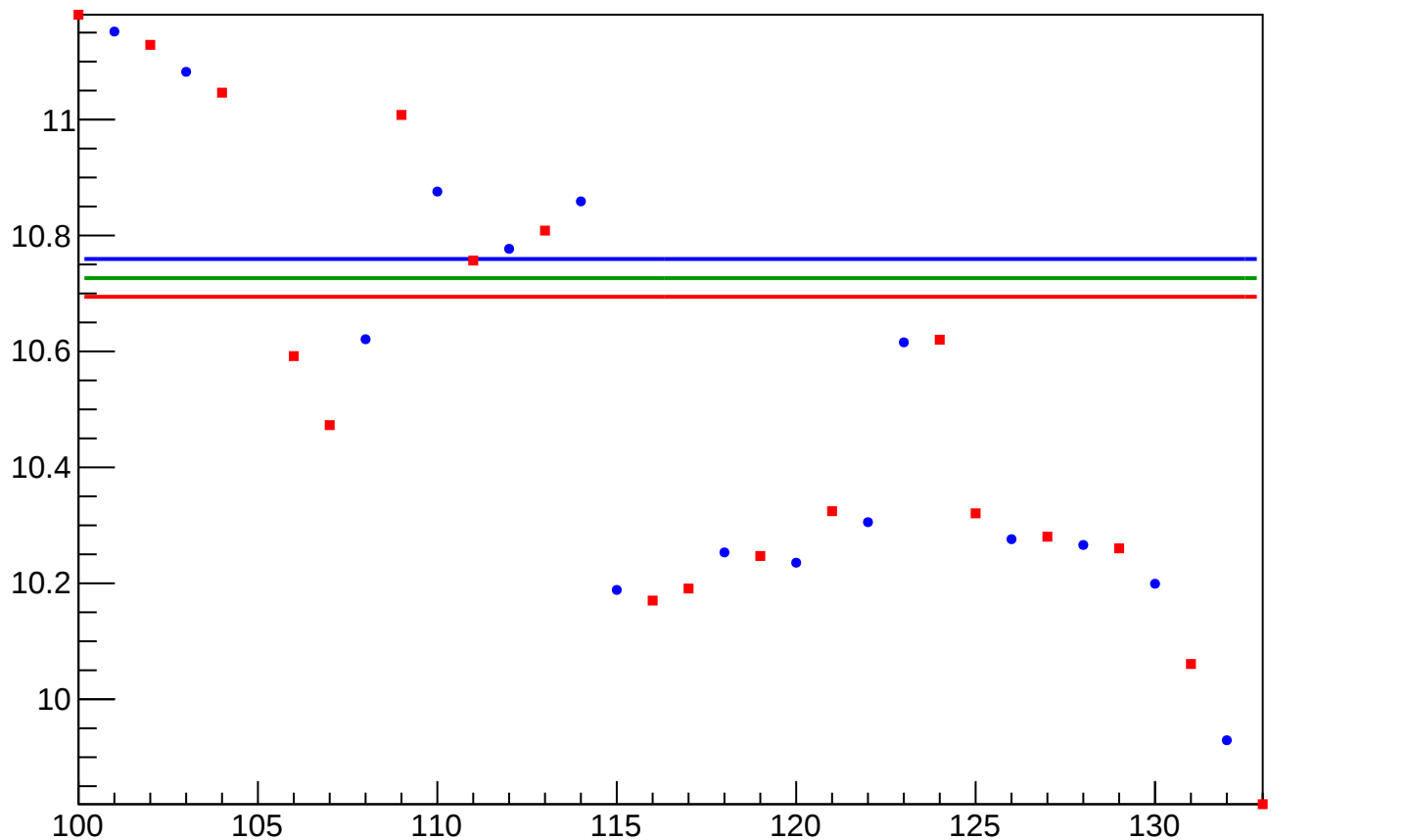
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 1256438.5/14

0.031+/-0.000 χ^2/NDF : 2456381.7/32

0.031+/-0.000 χ^2/NDF : 1199570.7/17

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: 10.694+/-0.000 χ^2/NDF : 3197943143.5/17

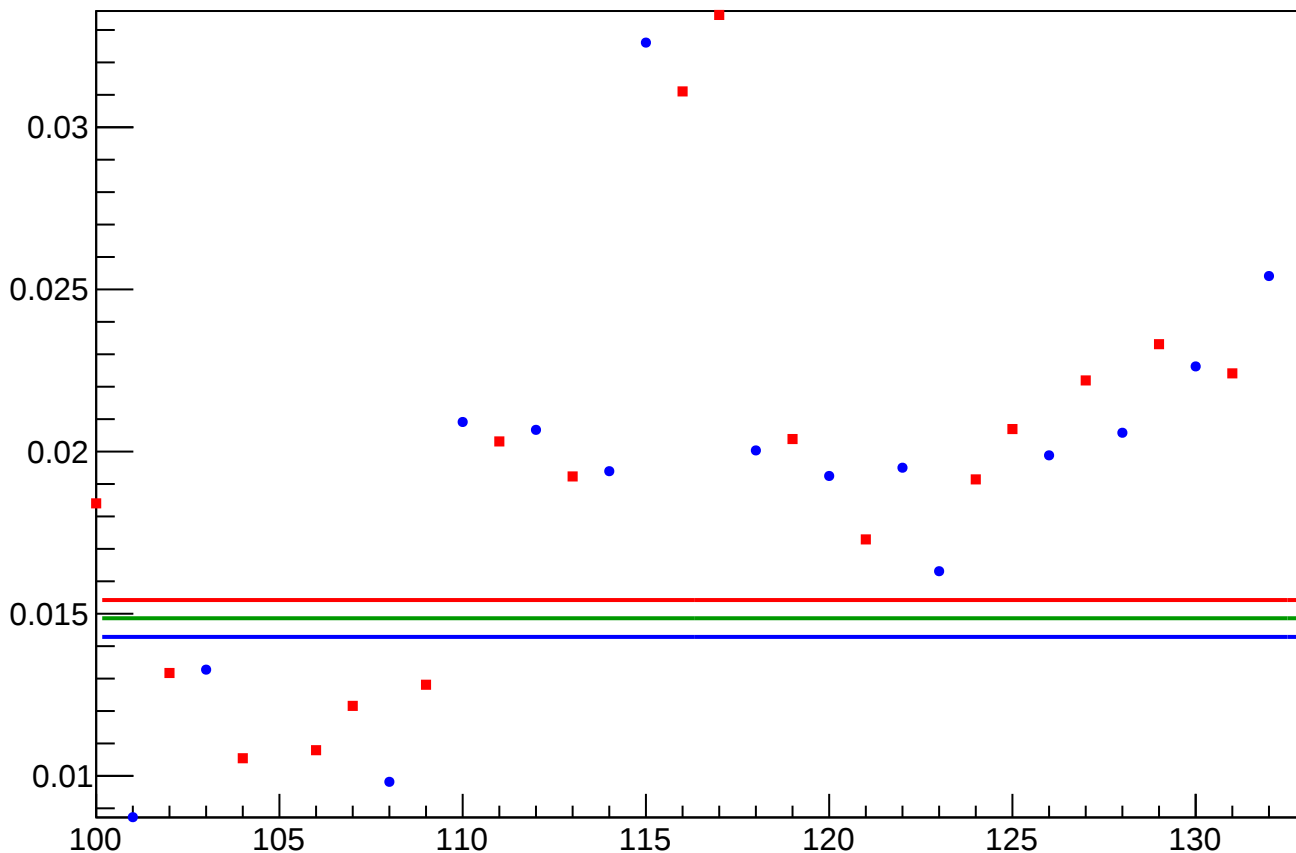
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.759+/-0.000 χ^2/NDF : 3327213982.7/14

10.726+/-0.000 χ^2/NDF : 6572227531.6/3

10.694+/-0.000 χ^2/NDF : 3197943143.5/17

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 : 1006466.8/17

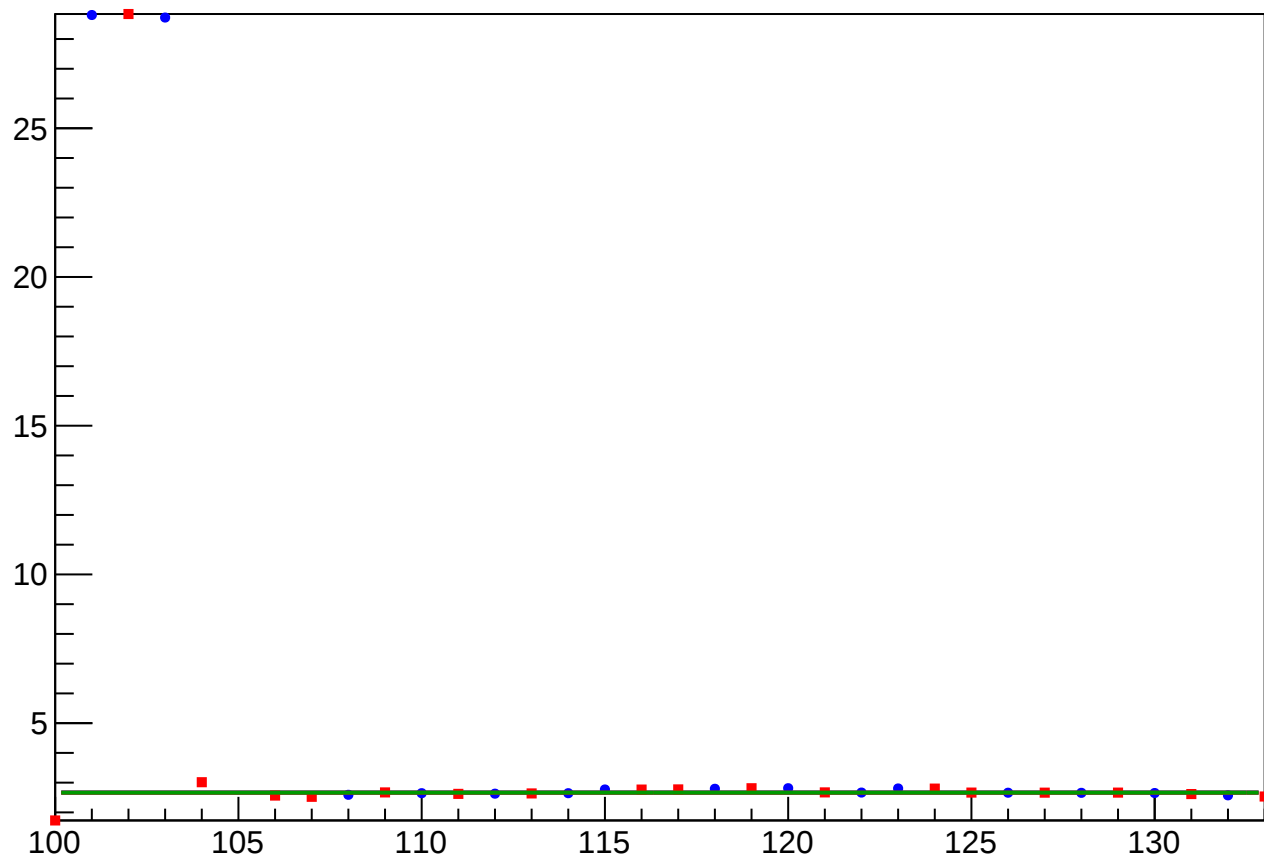
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1379169.5/14

0.015+/-0.000 χ^2/NDF : 2414238.6/32

0.015+/-0.000 χ^2/NDF : 1006466.8/17

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: 2.663+/-0.000 χ^2 /NDF: 70462658217.2/17

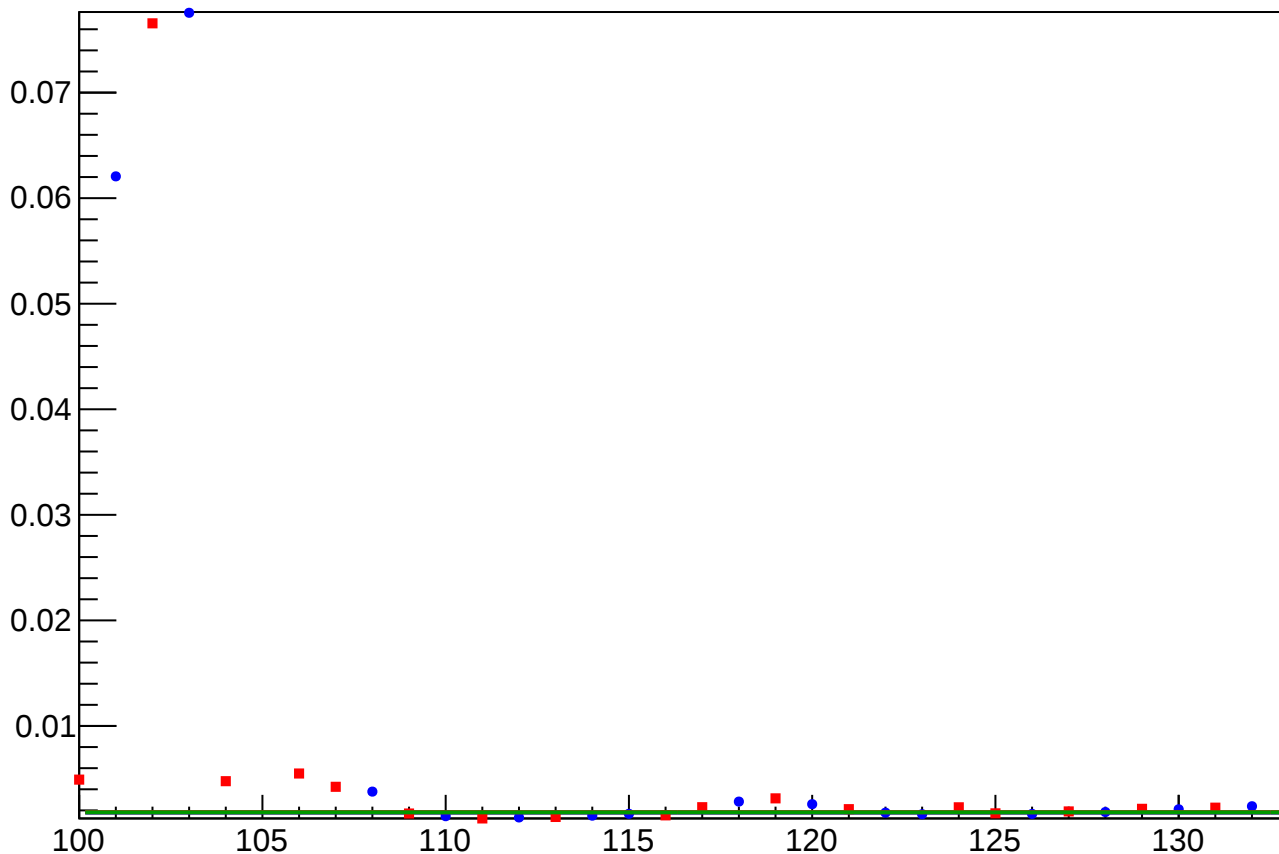
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.666+/-0.000 χ^2 /NDF: 162663233130.7/14

2.665+/-0.000 χ^2 /NDF: 233132817382.4/14

2.663+/-0.000 χ^2 /NDF: 70462658217.2/17

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 : 2323332.7/17

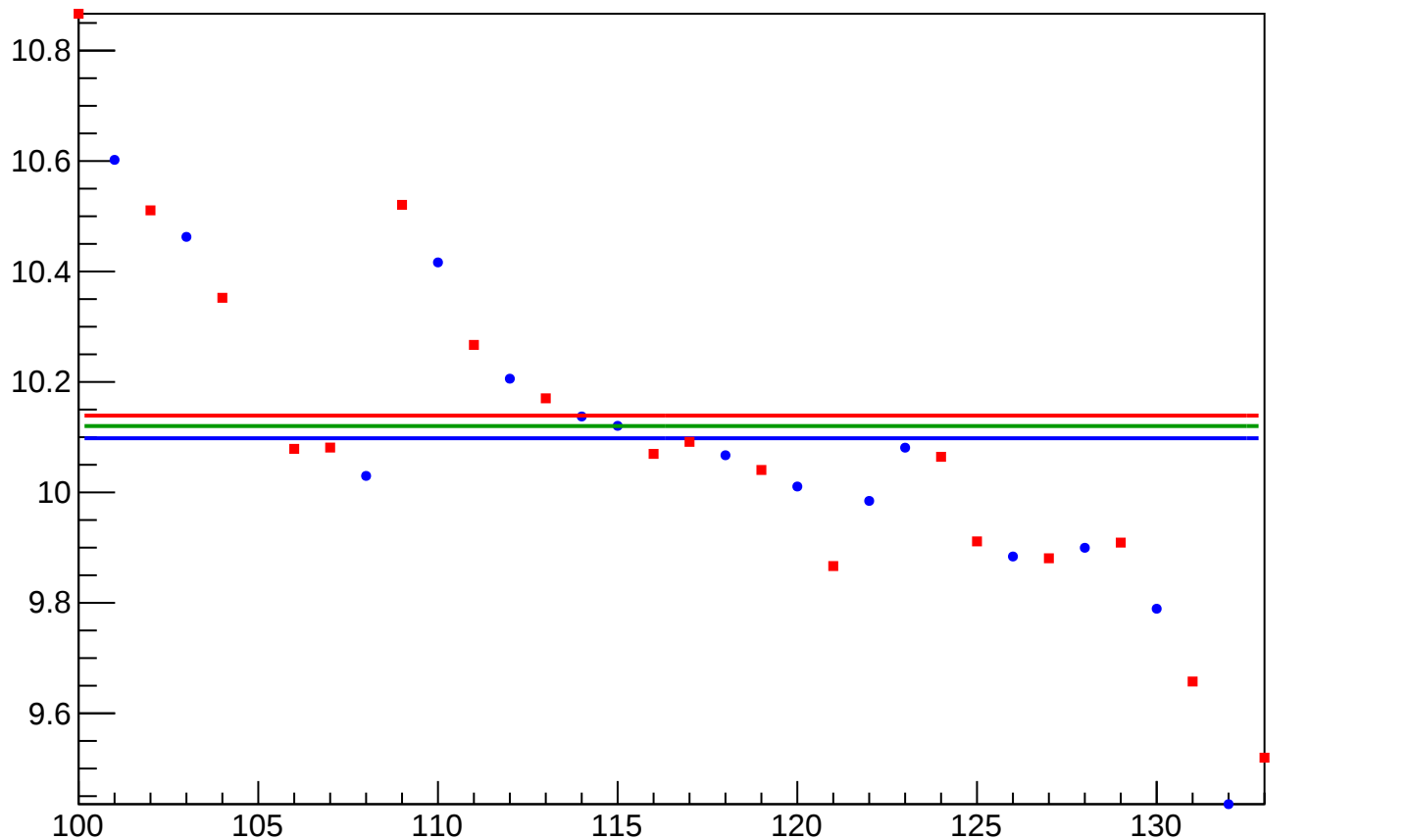
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2641828.3/14

0.002+/-0.000 χ^2/NDF : 4966571.1/32

0.002+/-0.000 χ^2/NDF : 2323332.7/17

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: 10.139+/-0.000 χ^2/NDF : 9033984567.7/17

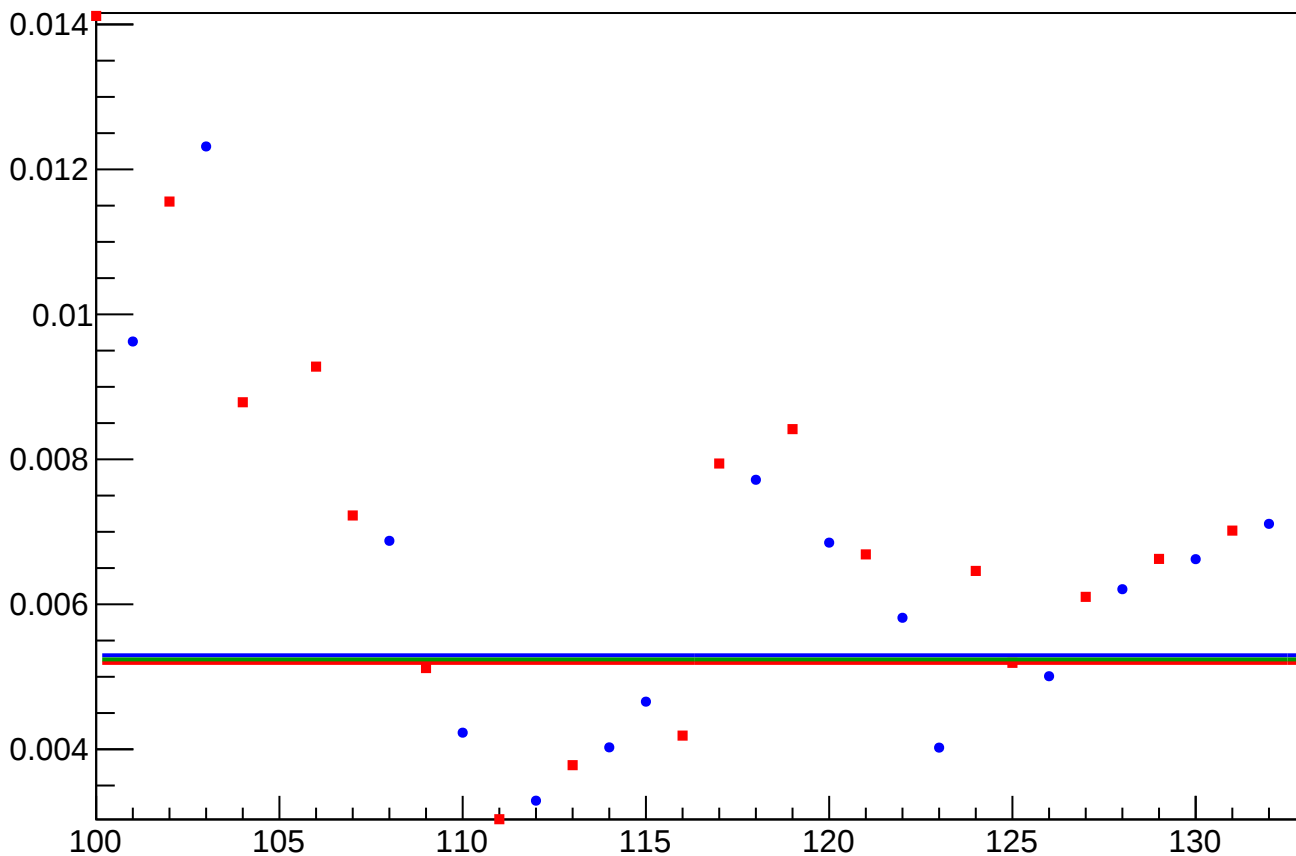
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.098+/-0.000 χ^2/NDF : 8976553133.4/14

10.120+/-0.000 χ^2/NDF : 18147157648.5/17

10.139+/-0.000 χ^2/NDF : 9033984567.7/17

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 : 1658270.5/17

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 : 2869253.9/32

0.005+/-0.000 χ^2/NDF : 1658270.5/17

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

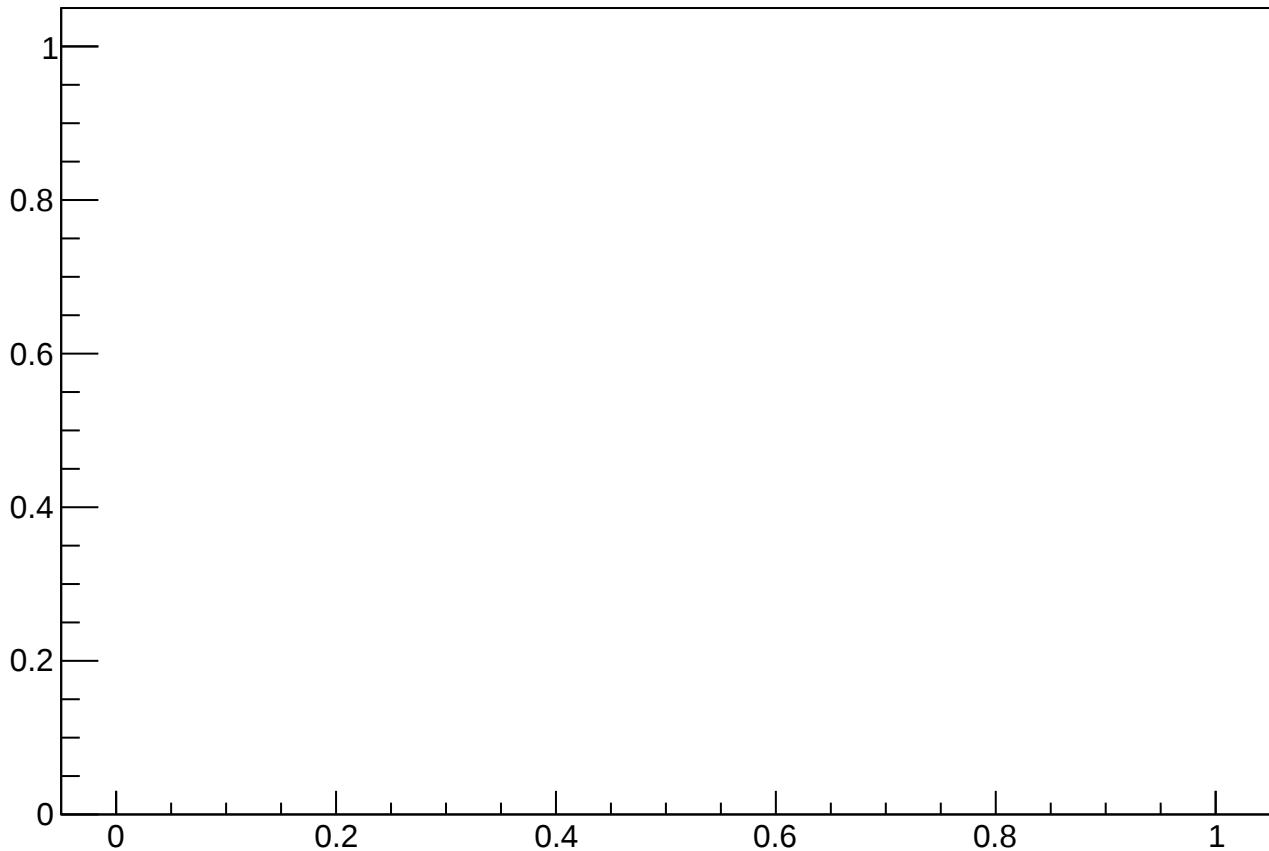
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

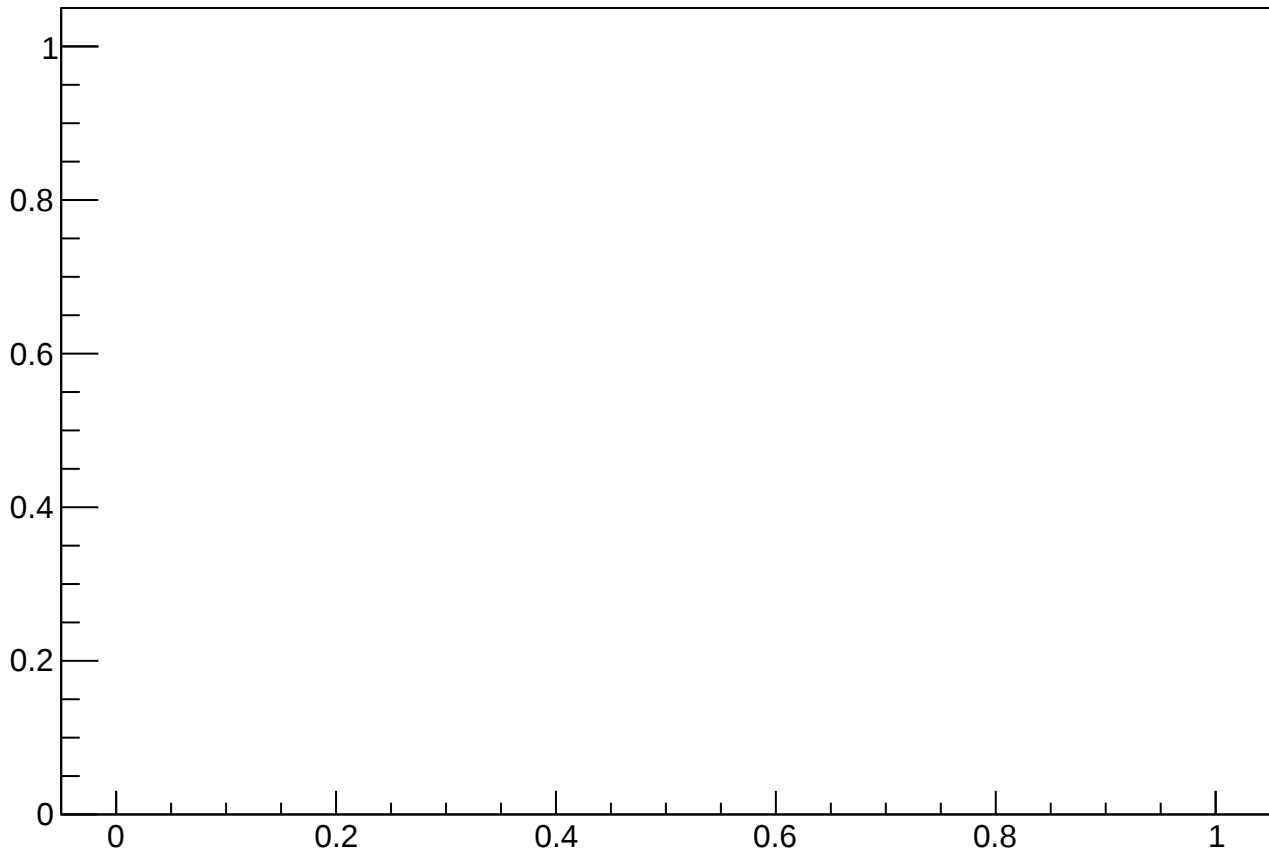
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

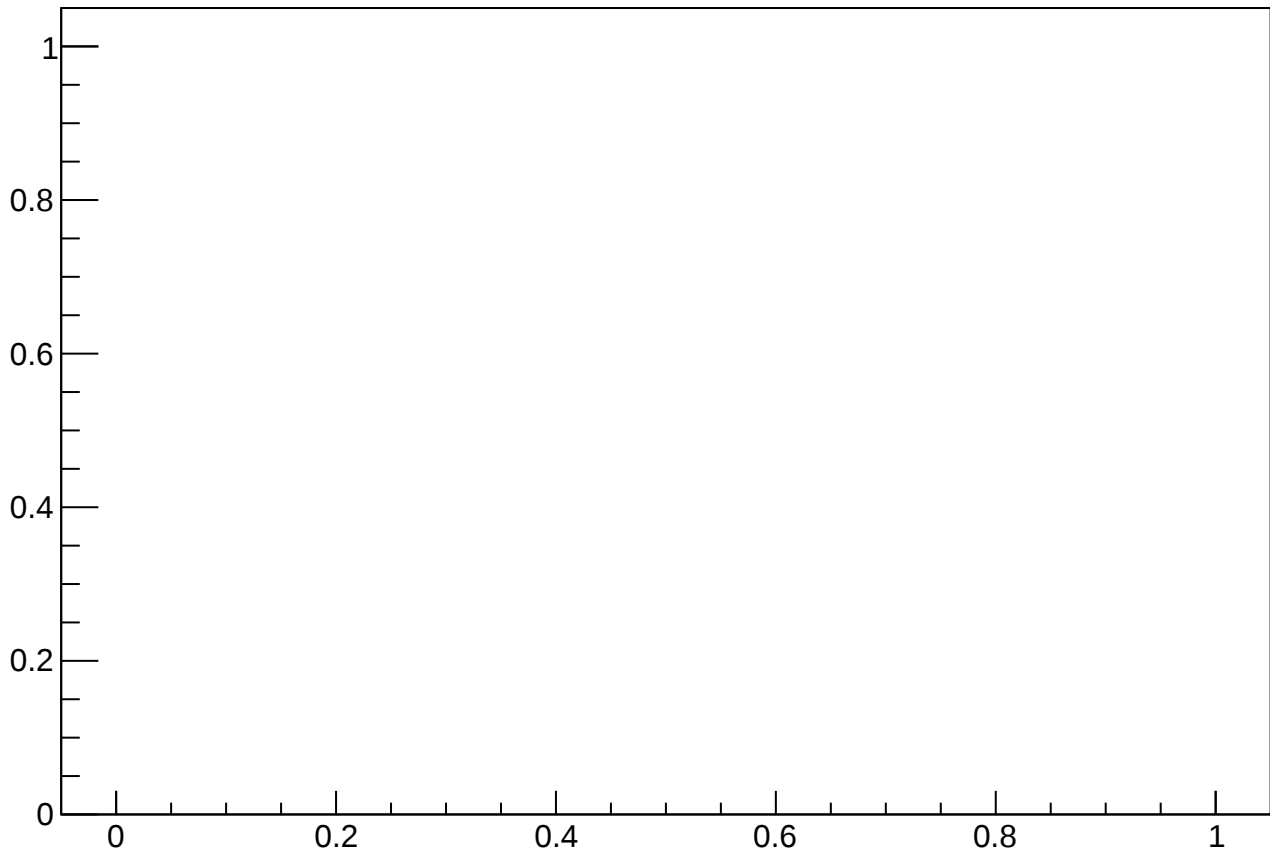
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

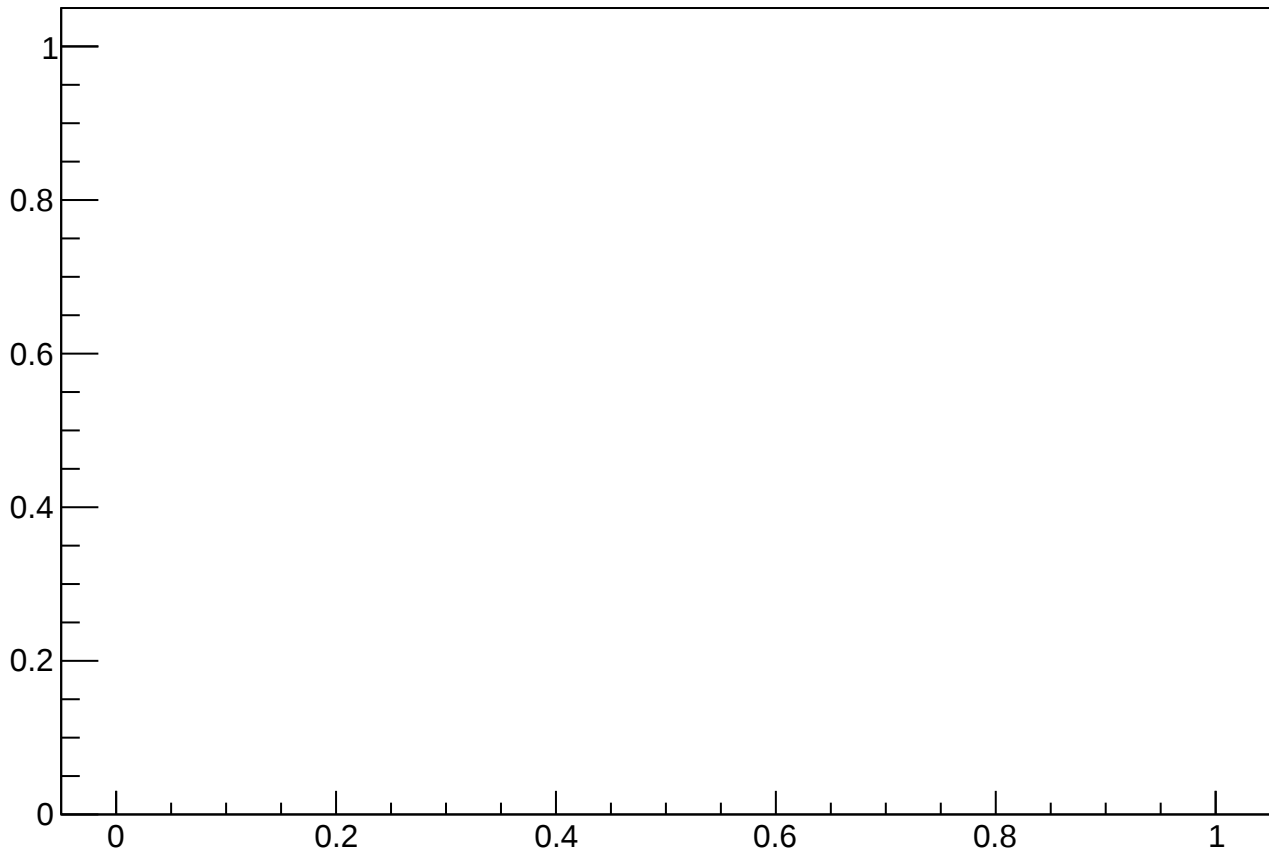
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

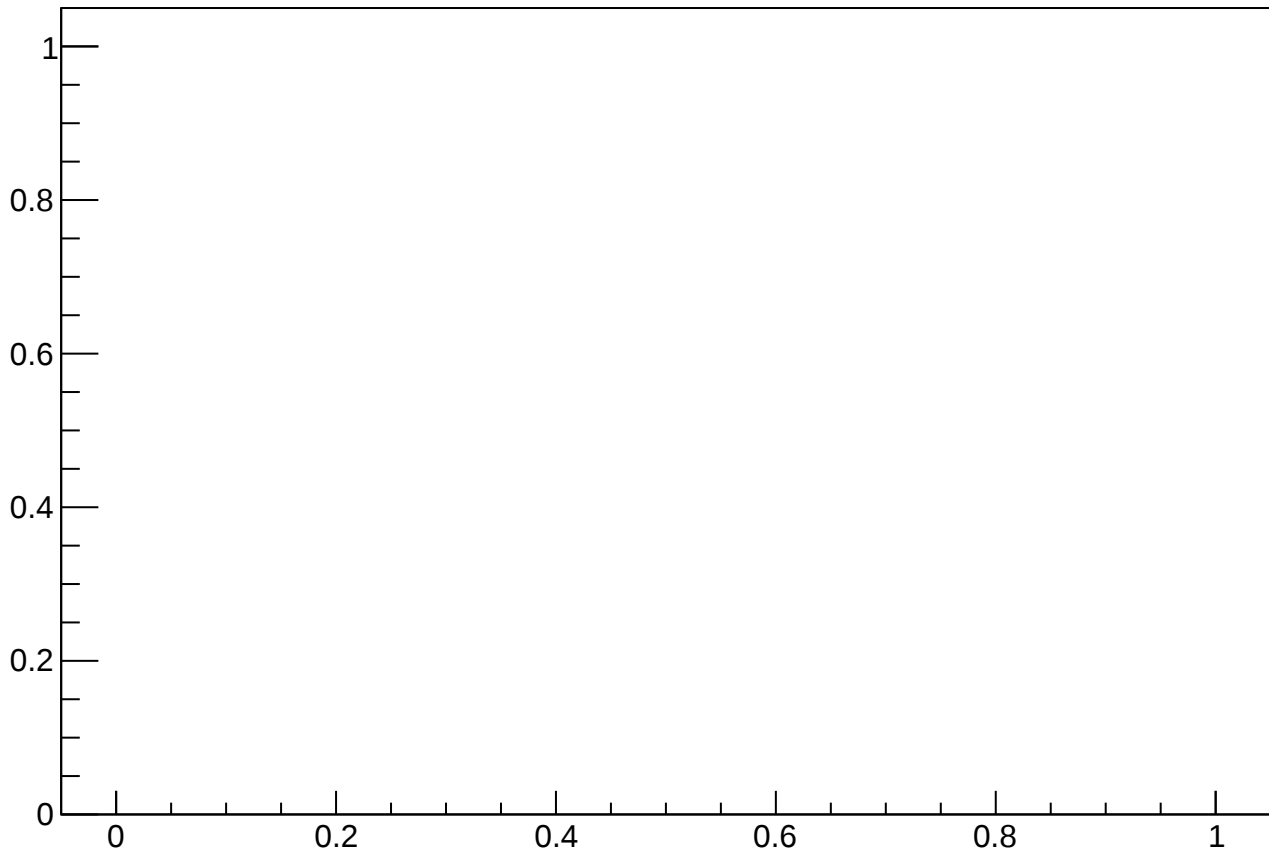
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_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 $\pm$ 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

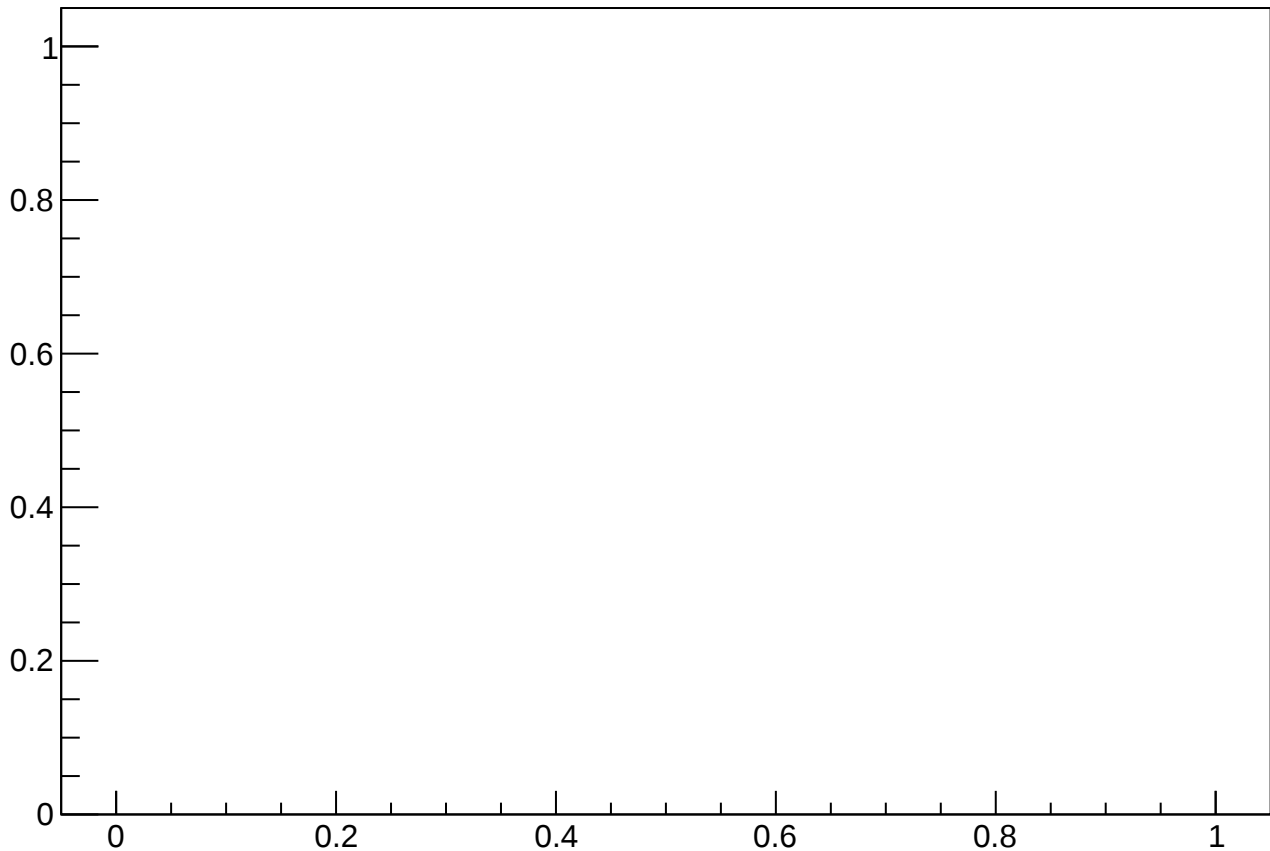
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

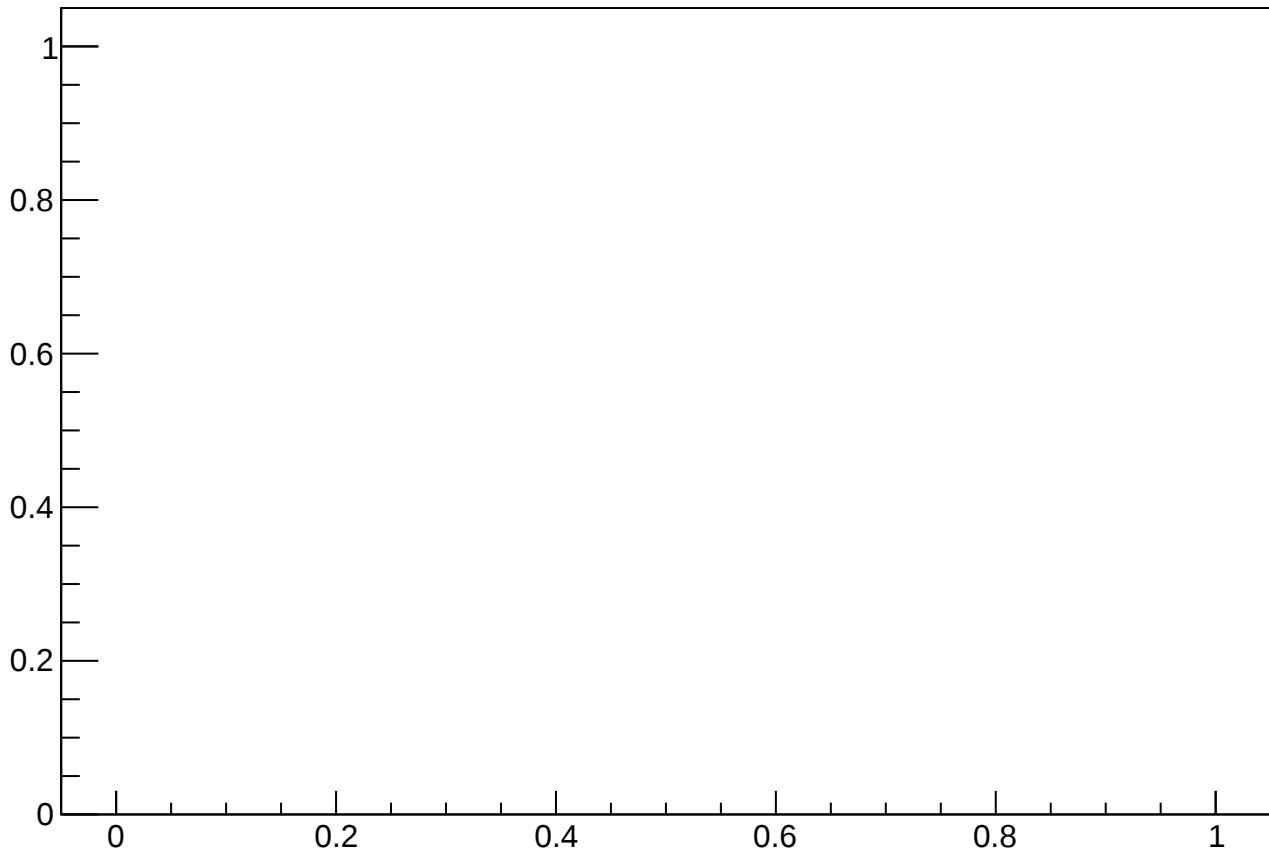
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

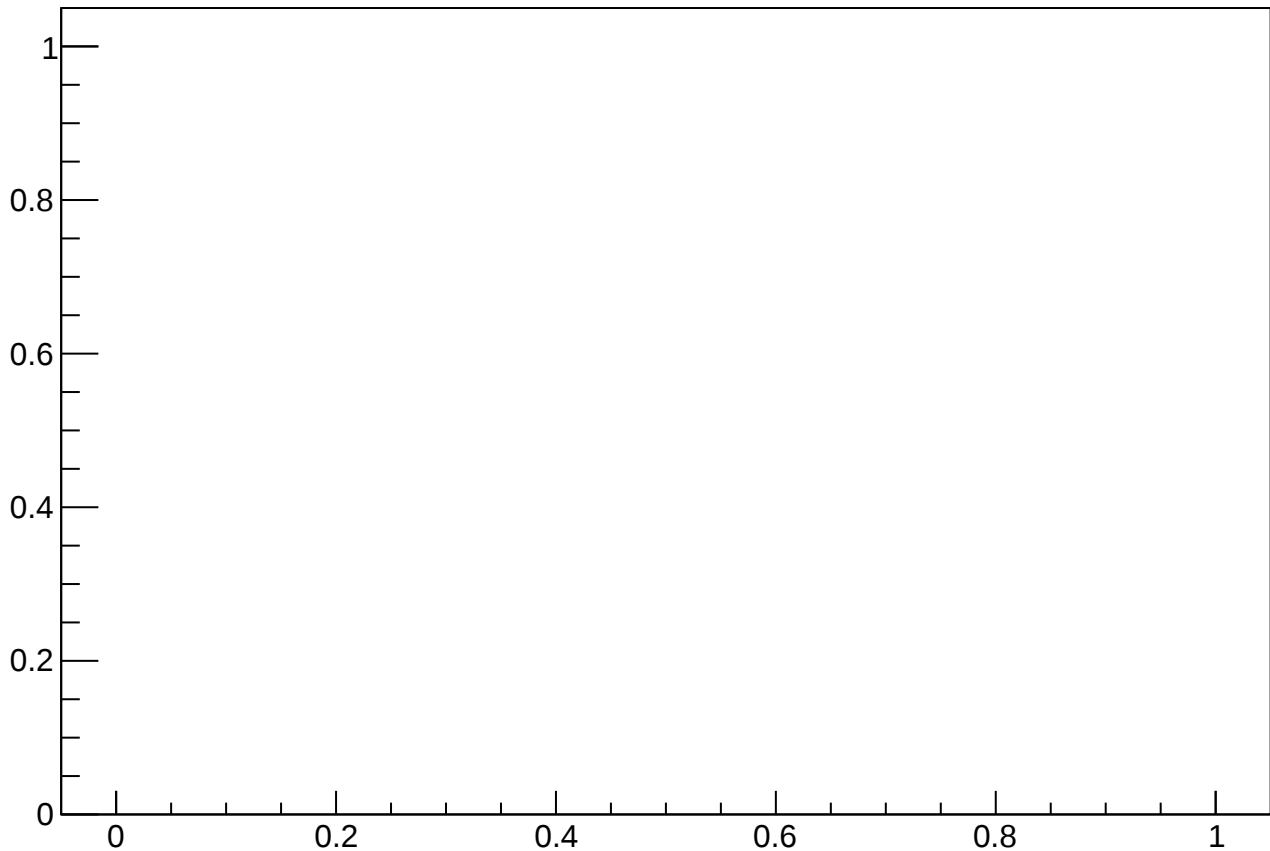
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

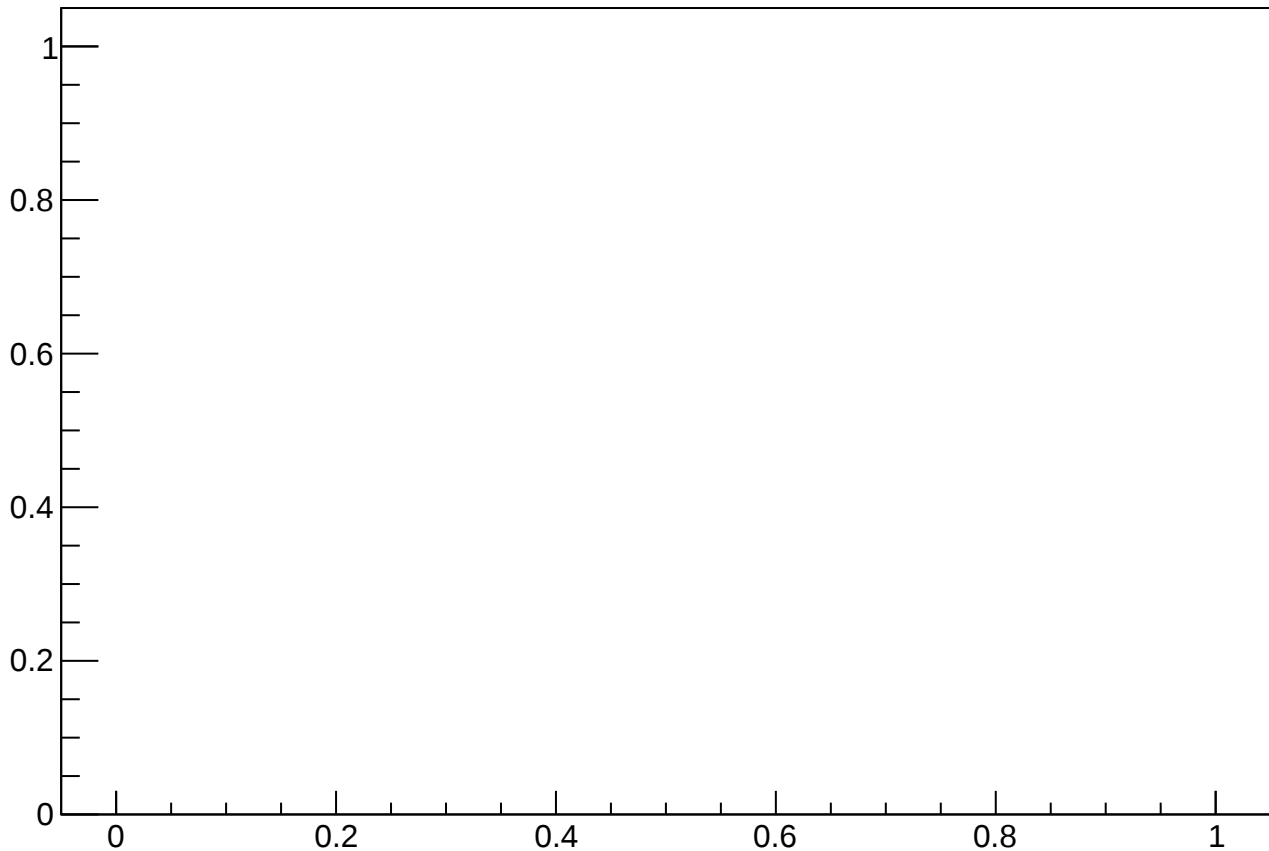
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-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

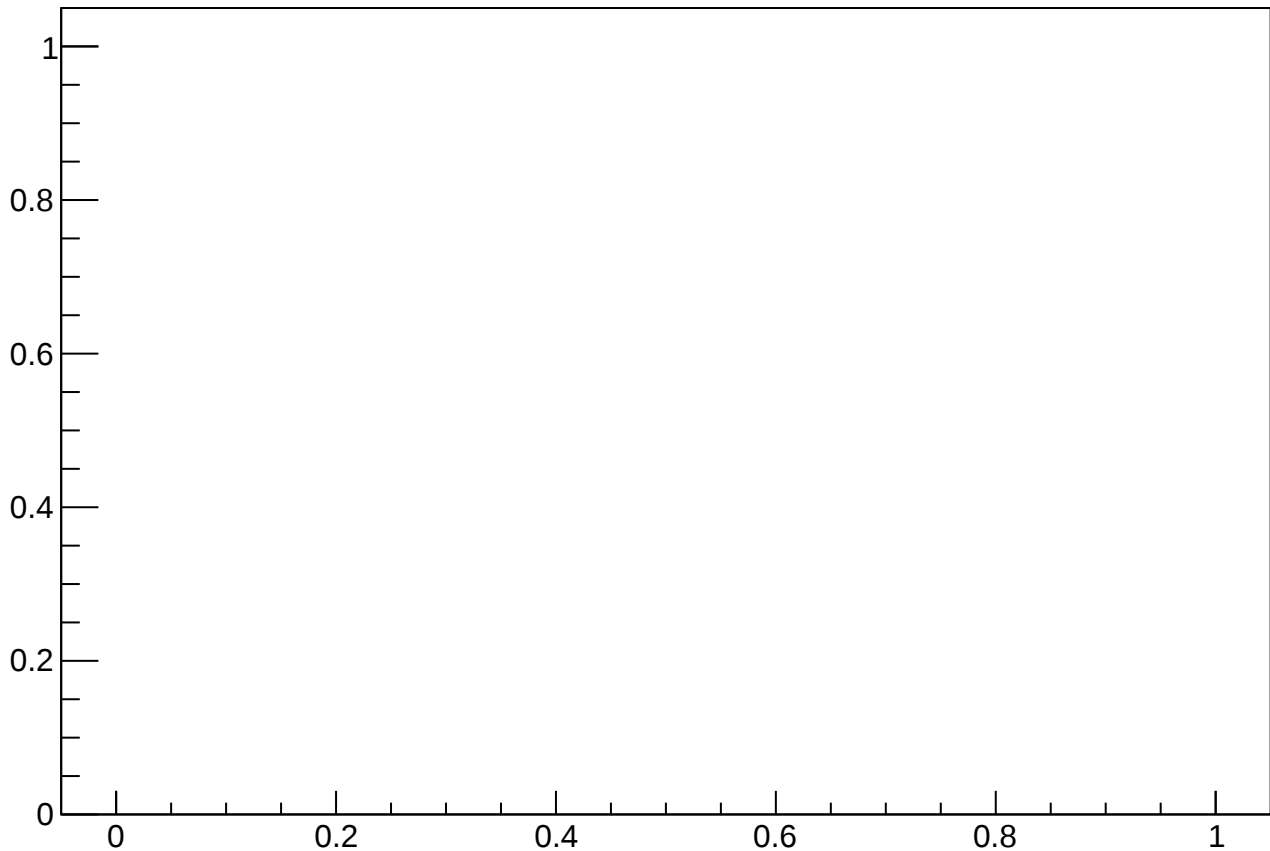
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

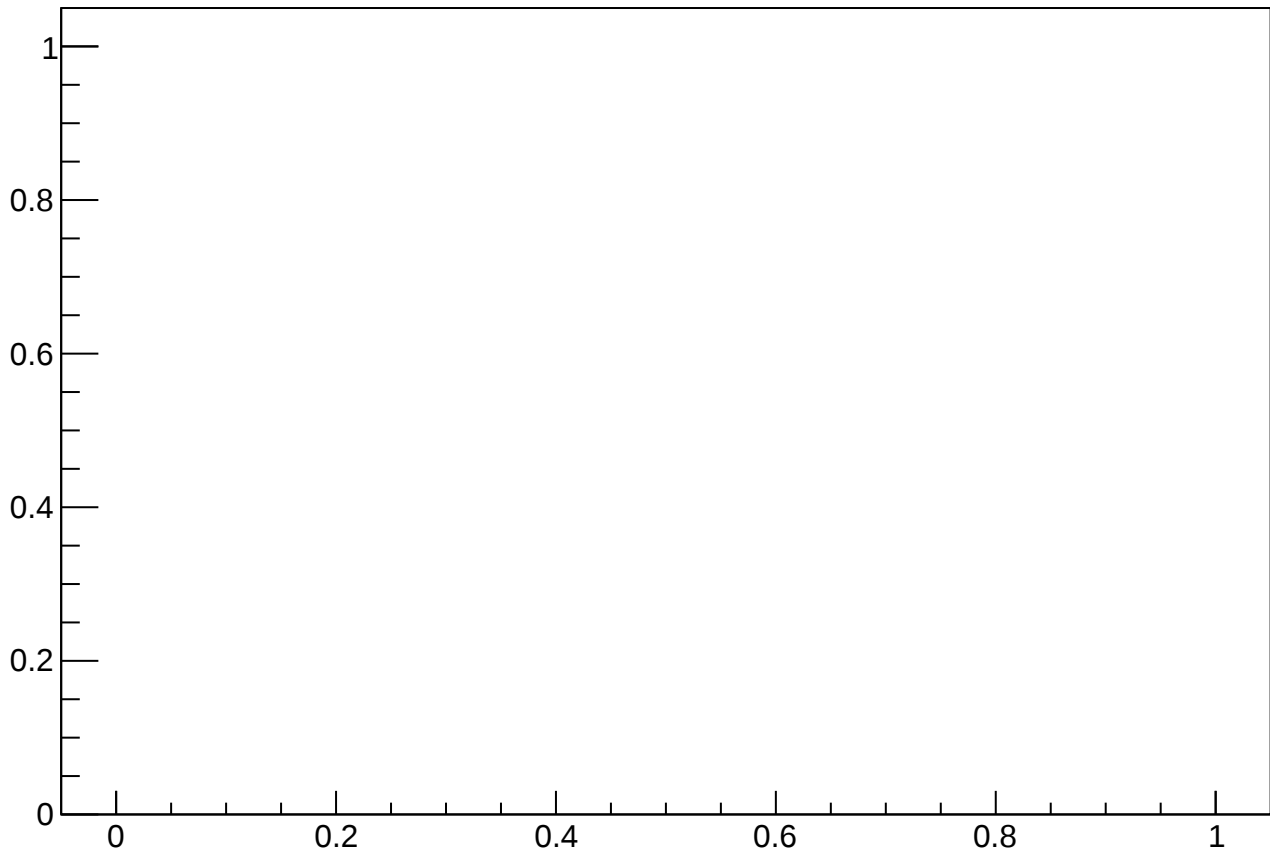
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

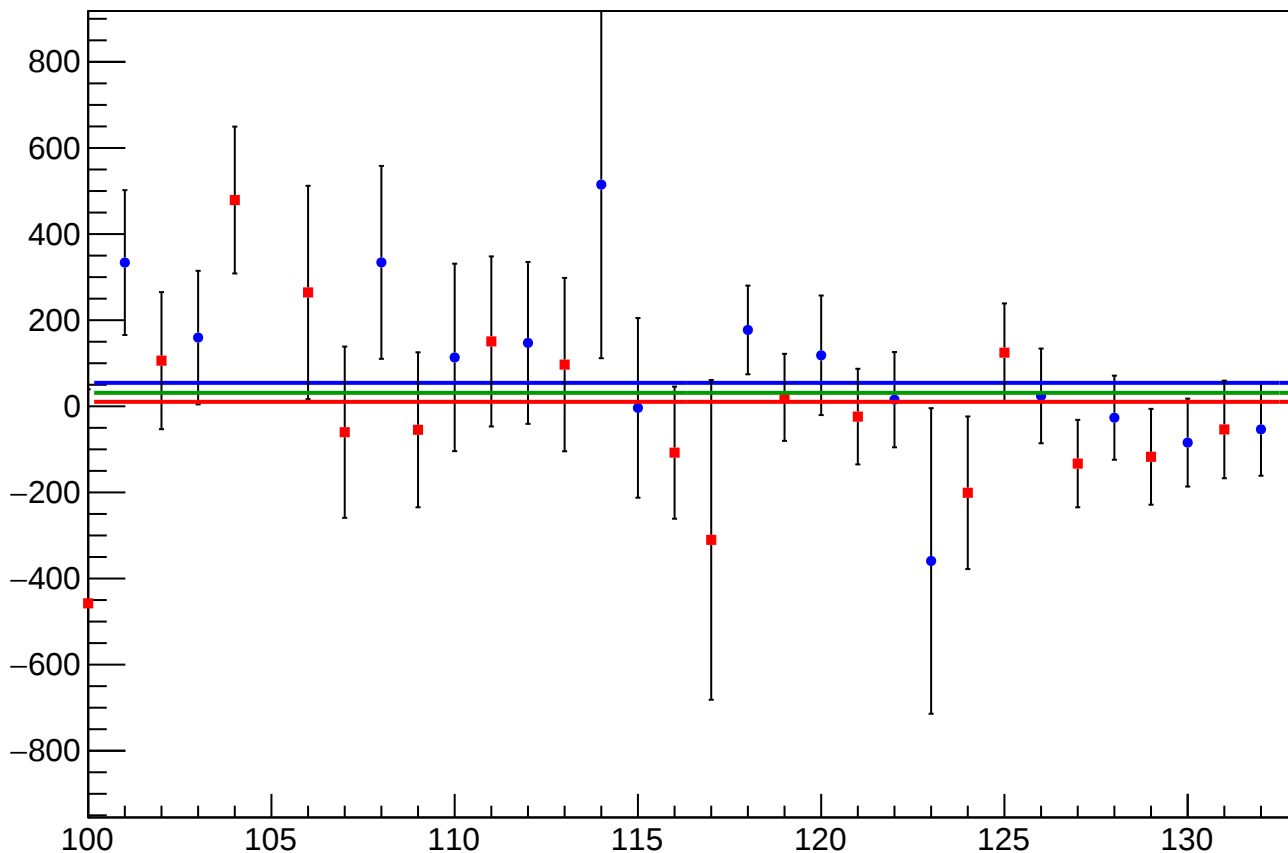
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 10.380+/-34.015 χ^2/NDF : 20.4/17

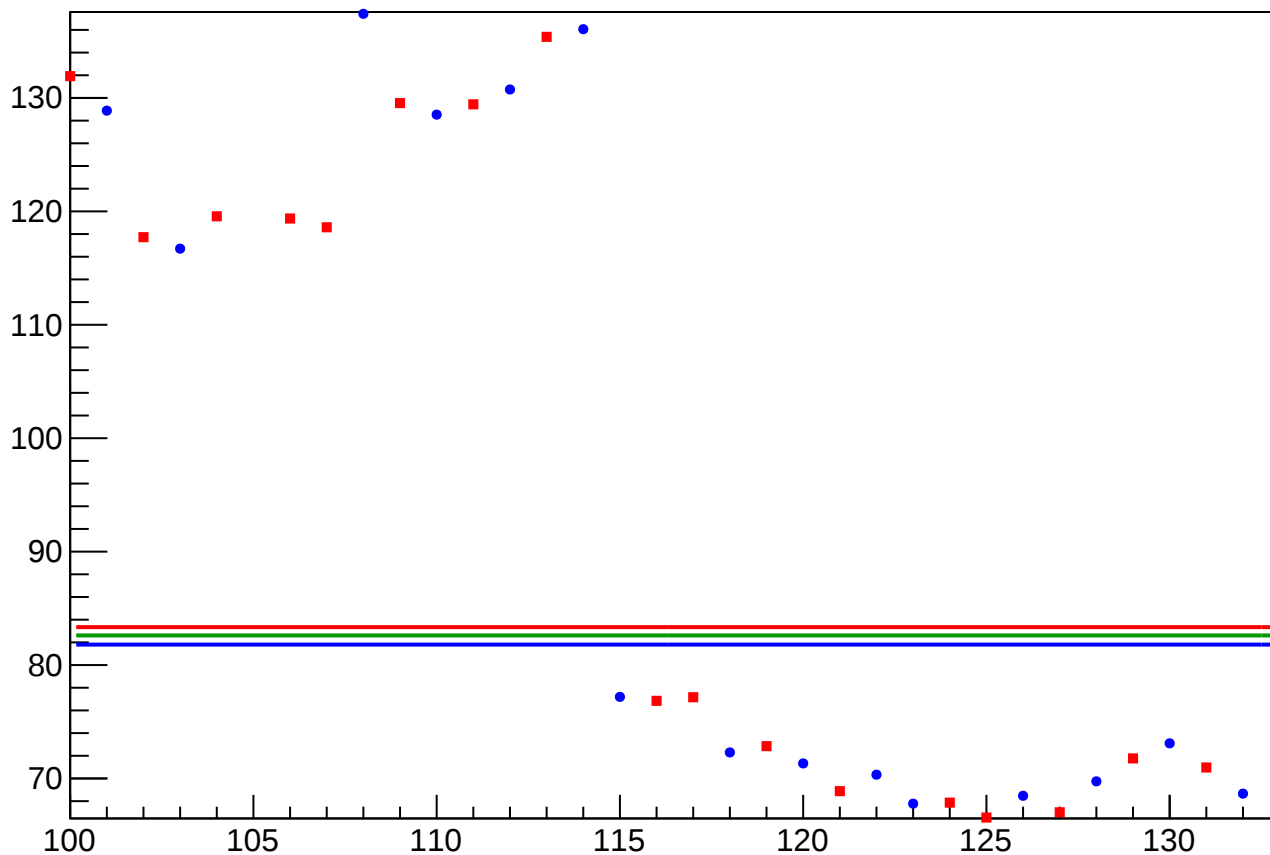
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.493+/-35.788 χ^2/NDF : 13.2/14

31.317+/-24.655 χ^2/NDF : 34.4/32

10.380+/-34.015 χ^2/NDF : 20.4/17

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: 83.343+/-0.024 χ^2/NDF : 901732.0/17

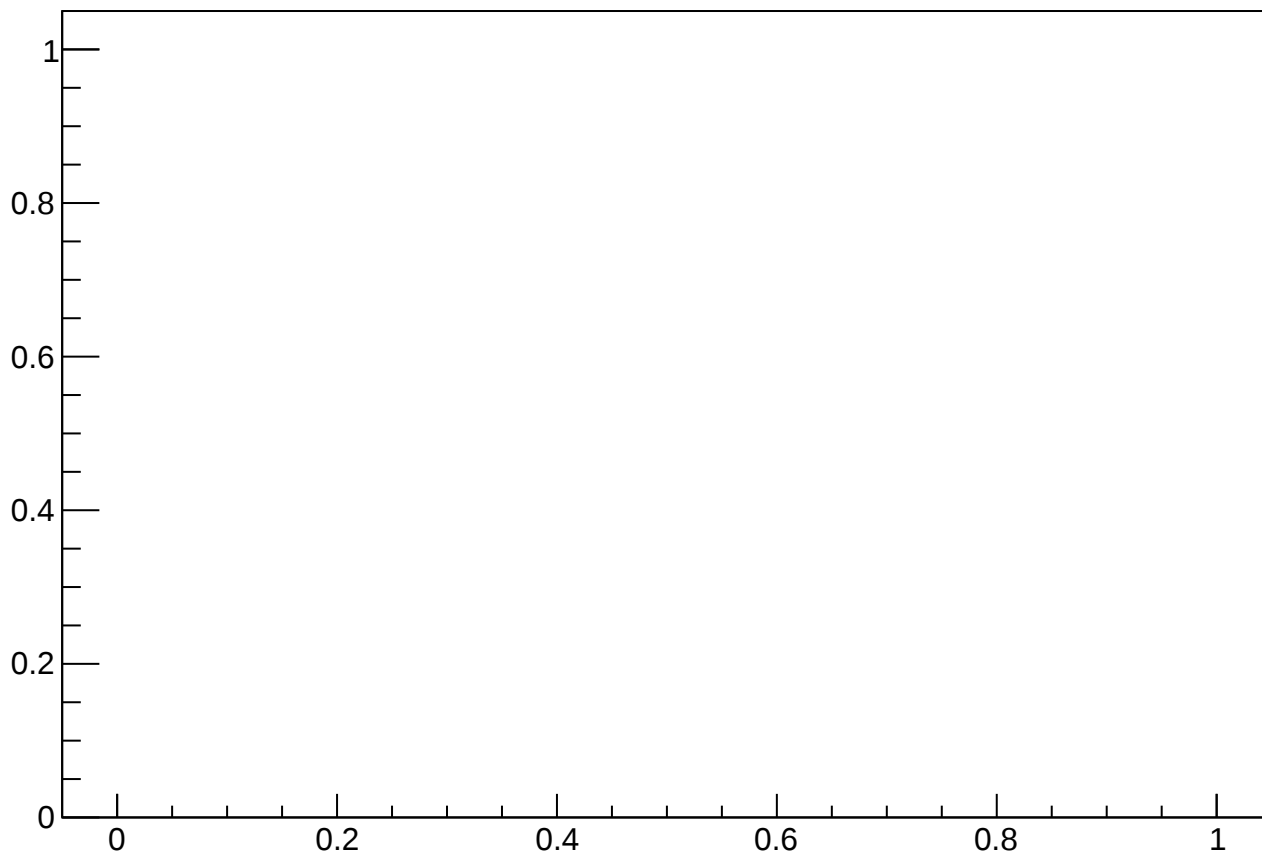
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

81.803+/-0.025 χ^2/NDF : 803257.3/14

82.612+/-0.017 χ^2/NDF : 1706936.8/32

83.343+/-0.024 χ^2/NDF : 901732.0/17

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

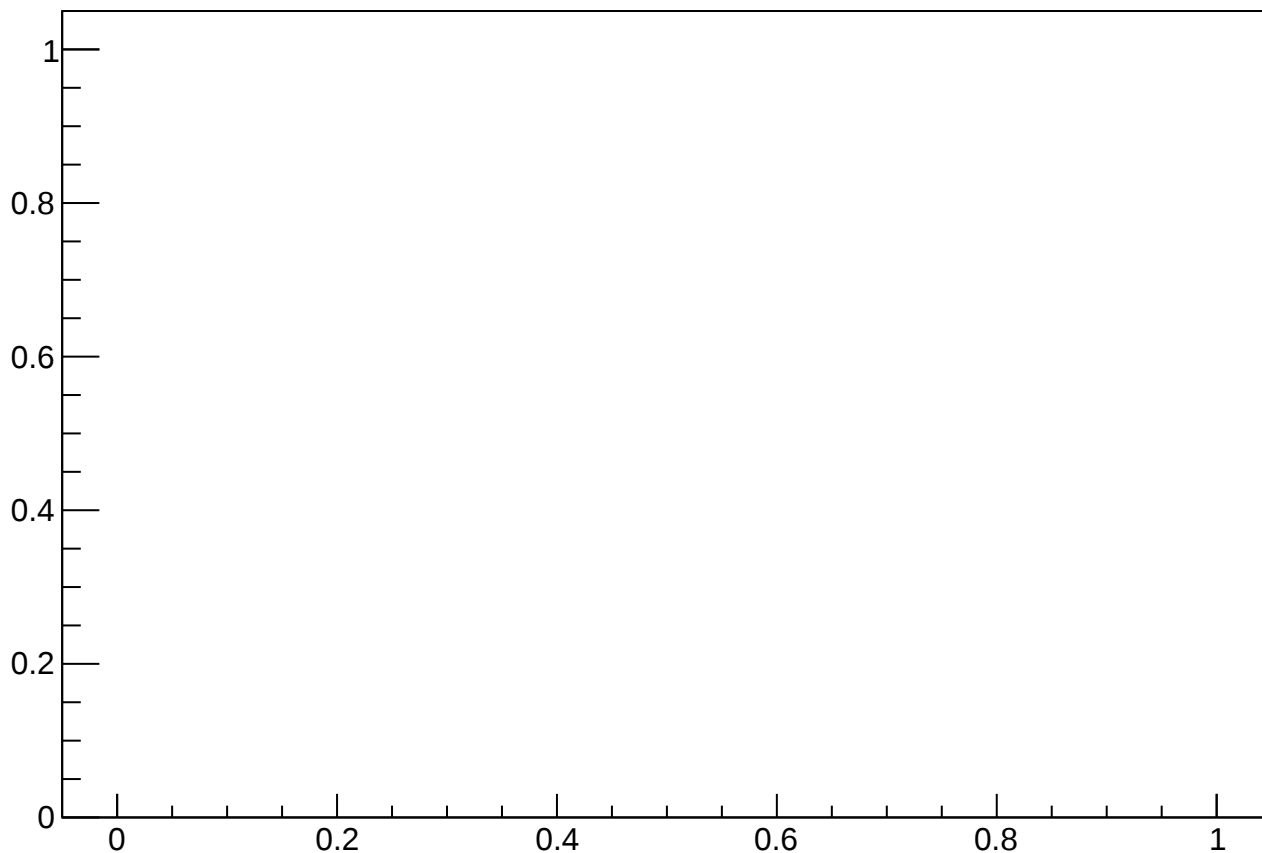
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

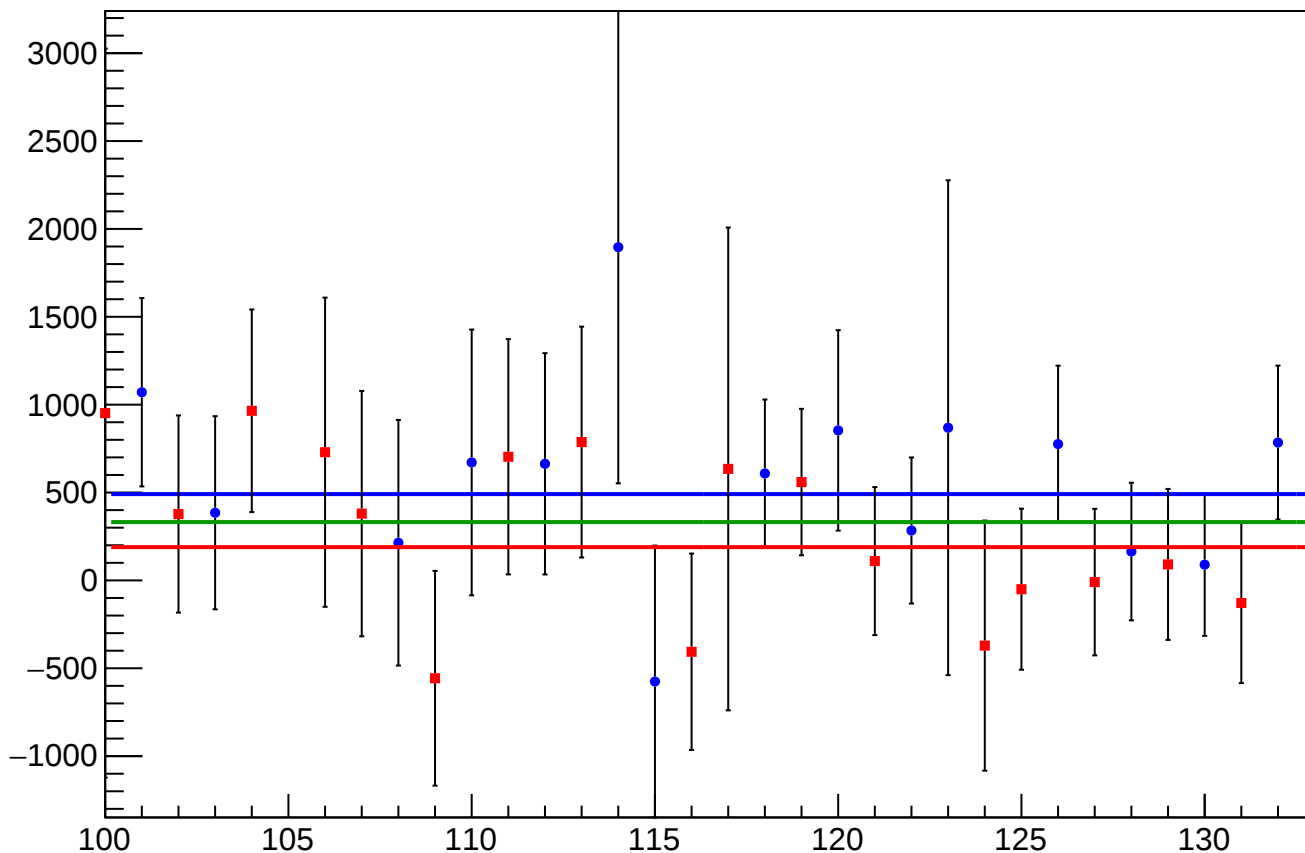
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 189.380+/-129.738 χ^2/NDF : 9.3/17

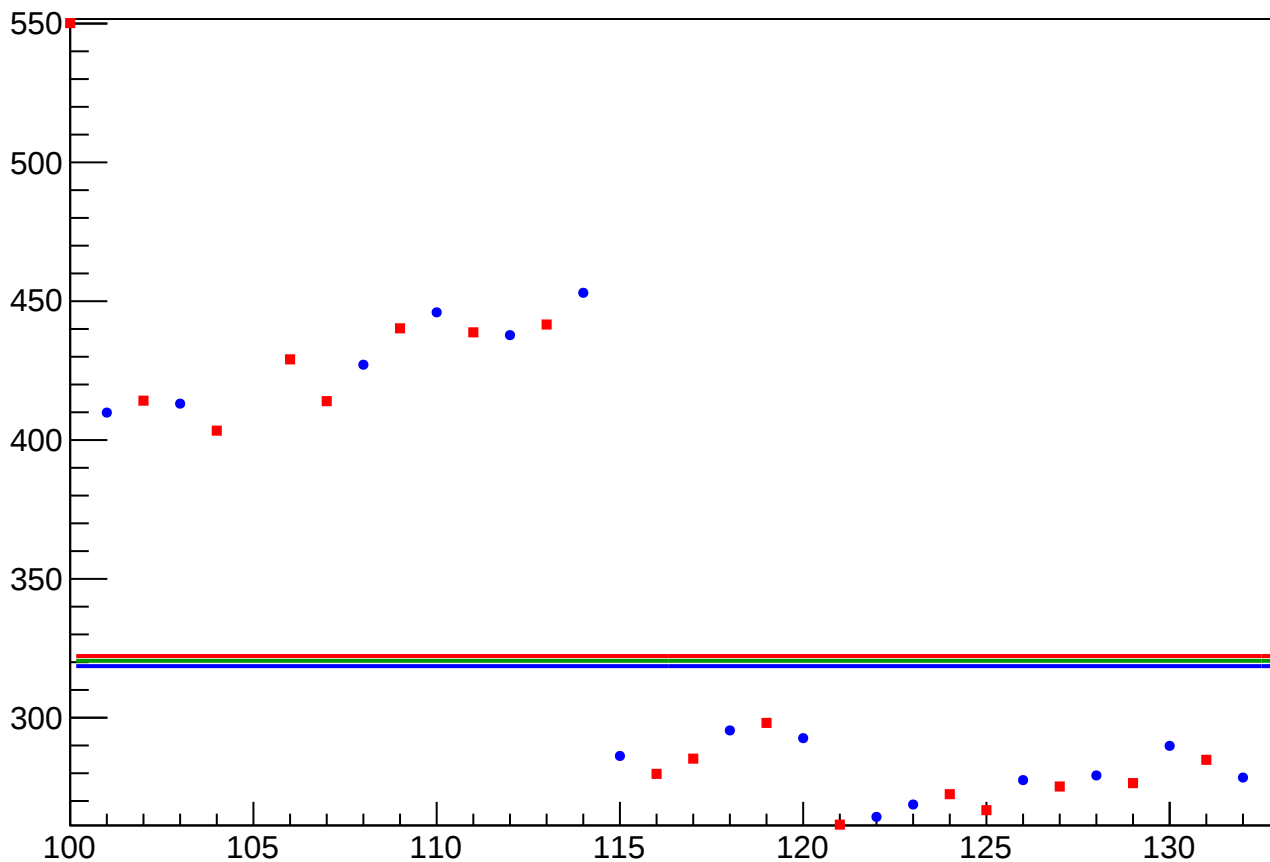
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

491.151+/-137.091 χ^2/NDF : 7.8/14

331.955+/-94.231 χ^2/NDF : 19.6/32

189.380+/-129.738 χ^2/NDF : 9.3/17

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: 322.213+/-0.092 χ^2/NDF : 547095.9/17

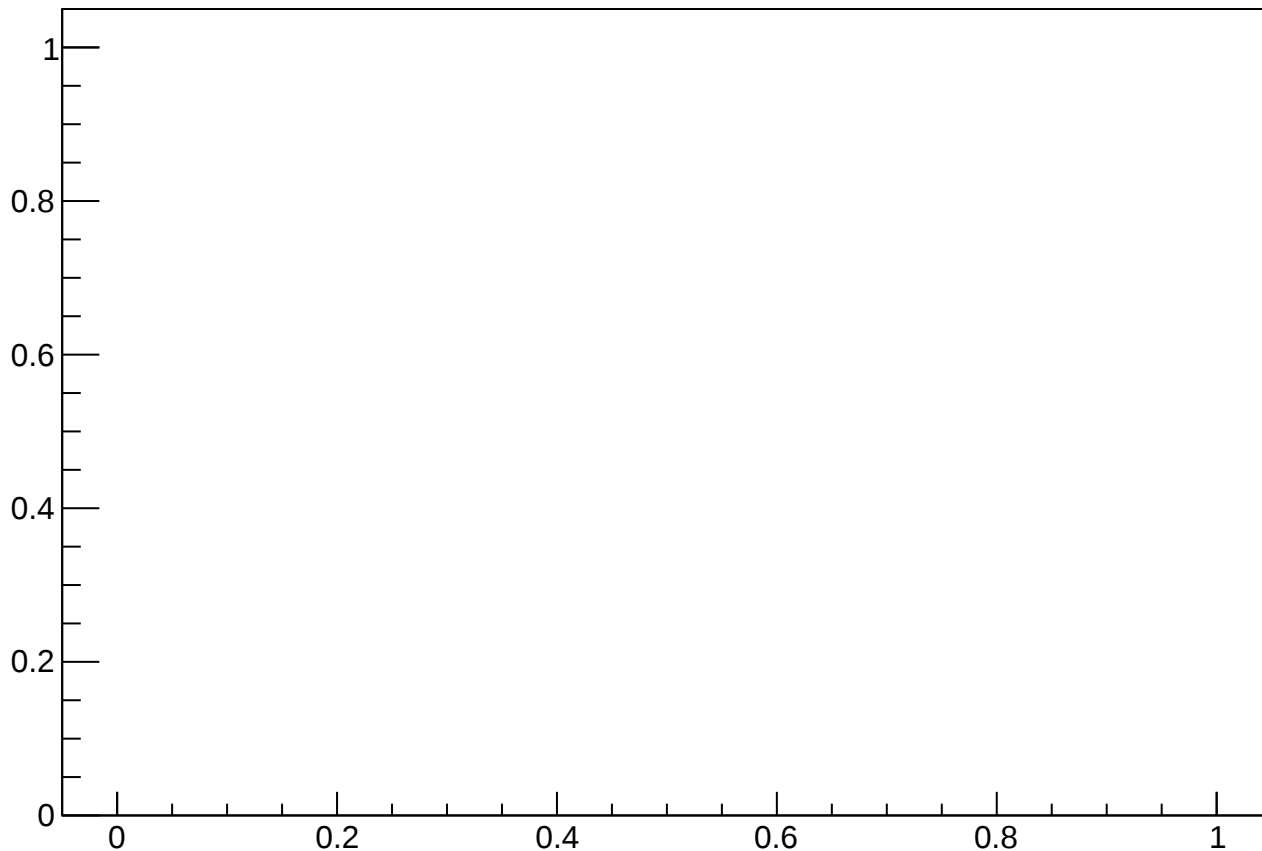
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

318.577+/-0.097 χ^2/NDF : 428311.9/14

320.495+/-0.067 χ^2/NDF : 976149.8/32

322.213+/-0.092 χ^2/NDF : 547095.9/17

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

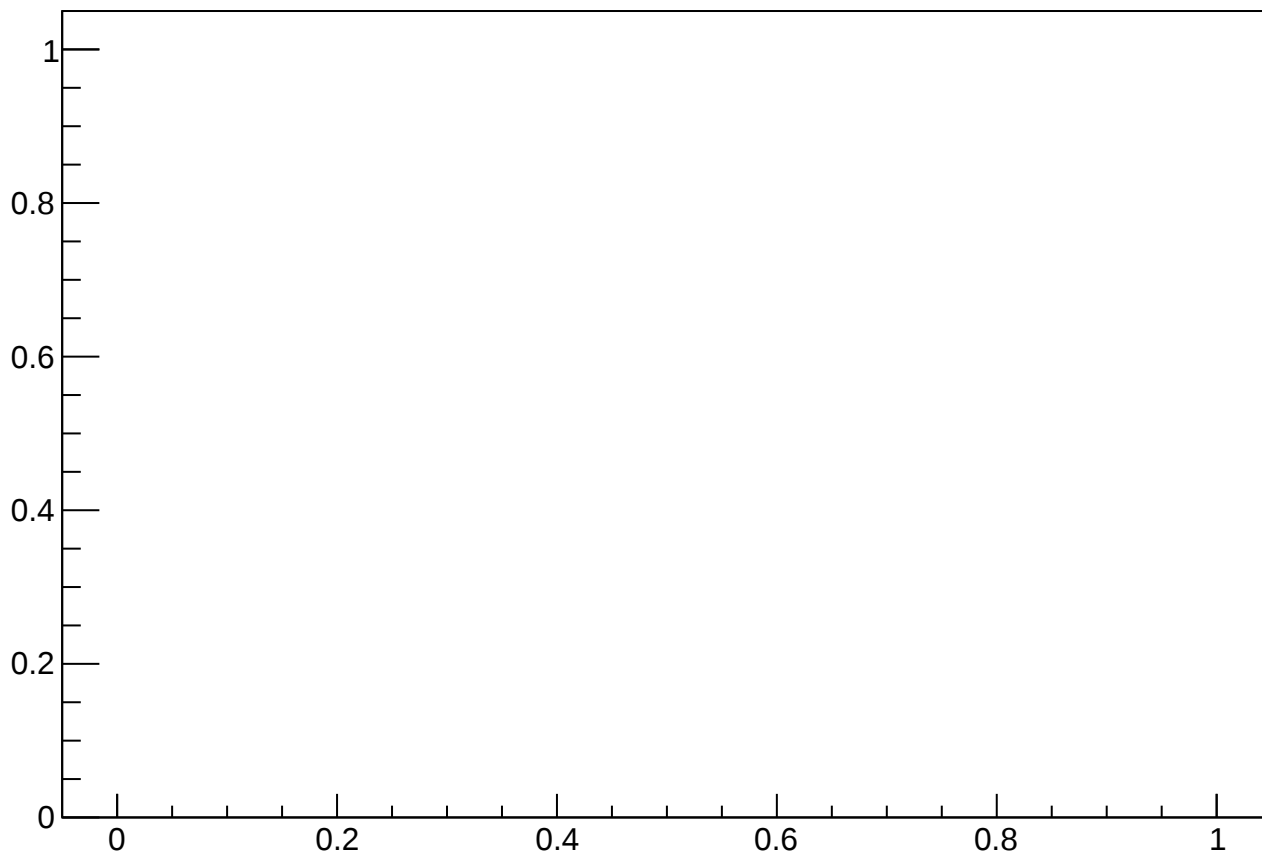
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

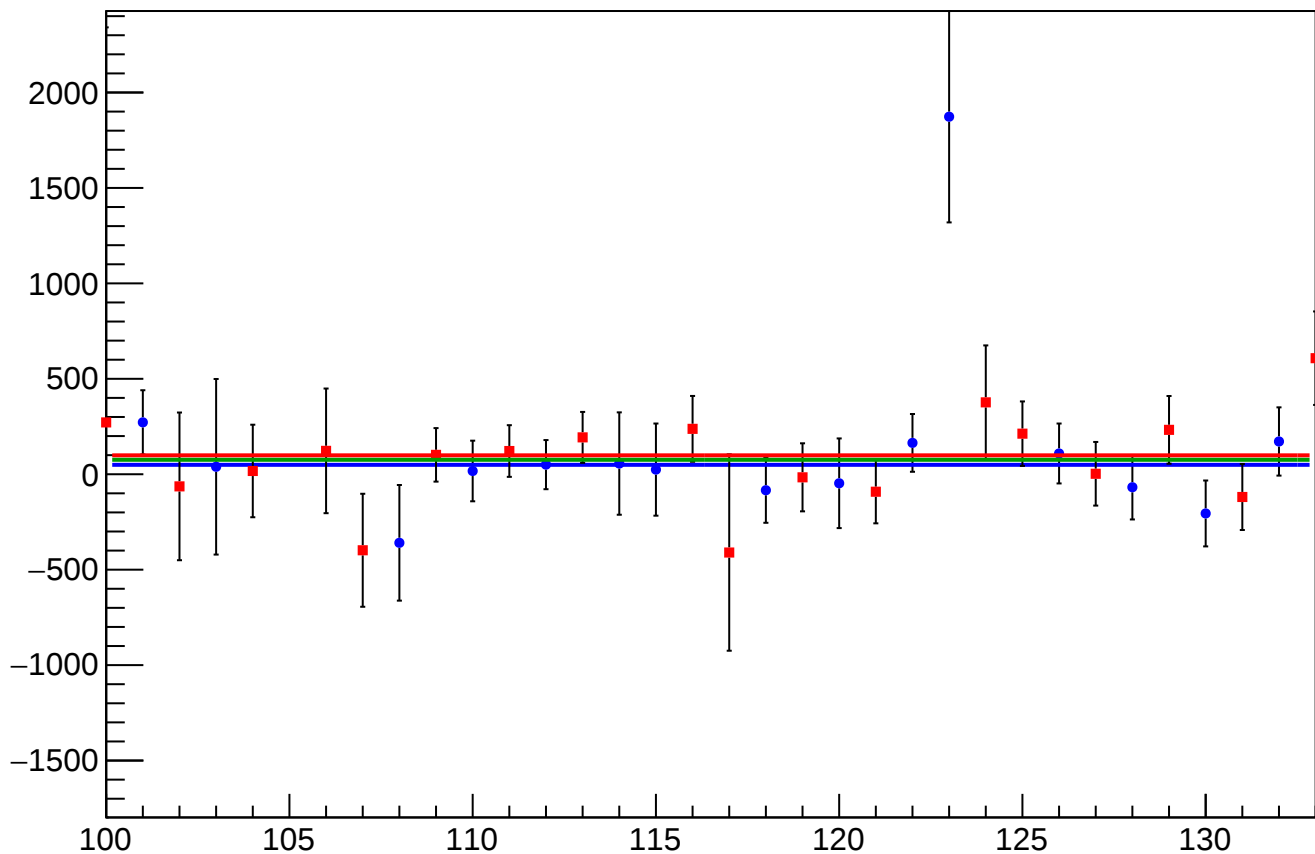
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 99.046+/-45.839 χ^2/NDF : 15.2/17

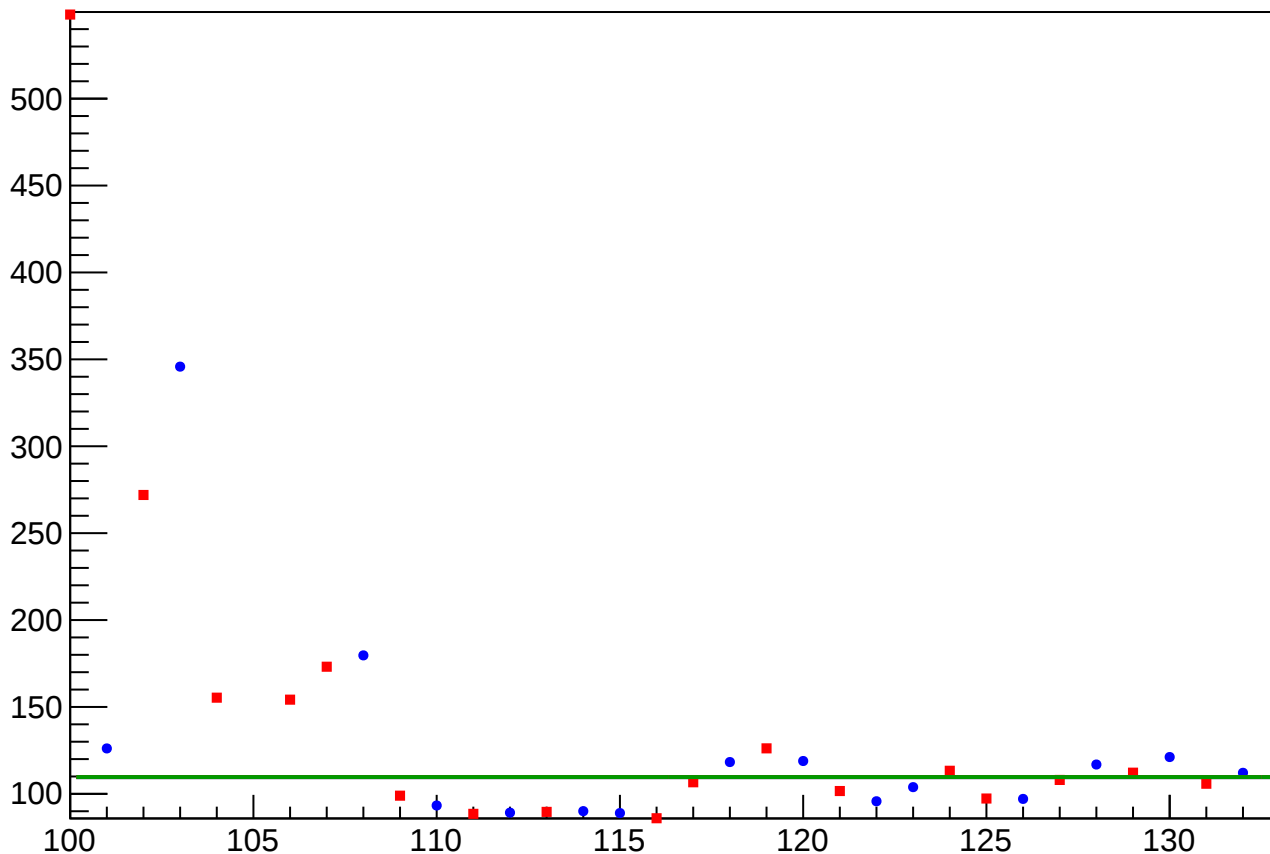
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.409+/-48.682 χ^2/NDF : 19.1/14

75.719+/-33.373 χ^2/NDF : 34.8/32

99.046+/-45.839 χ^2/NDF : 15.2/17

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: 109.663+/-0.032 χ^2/NDF : 897176.2/17

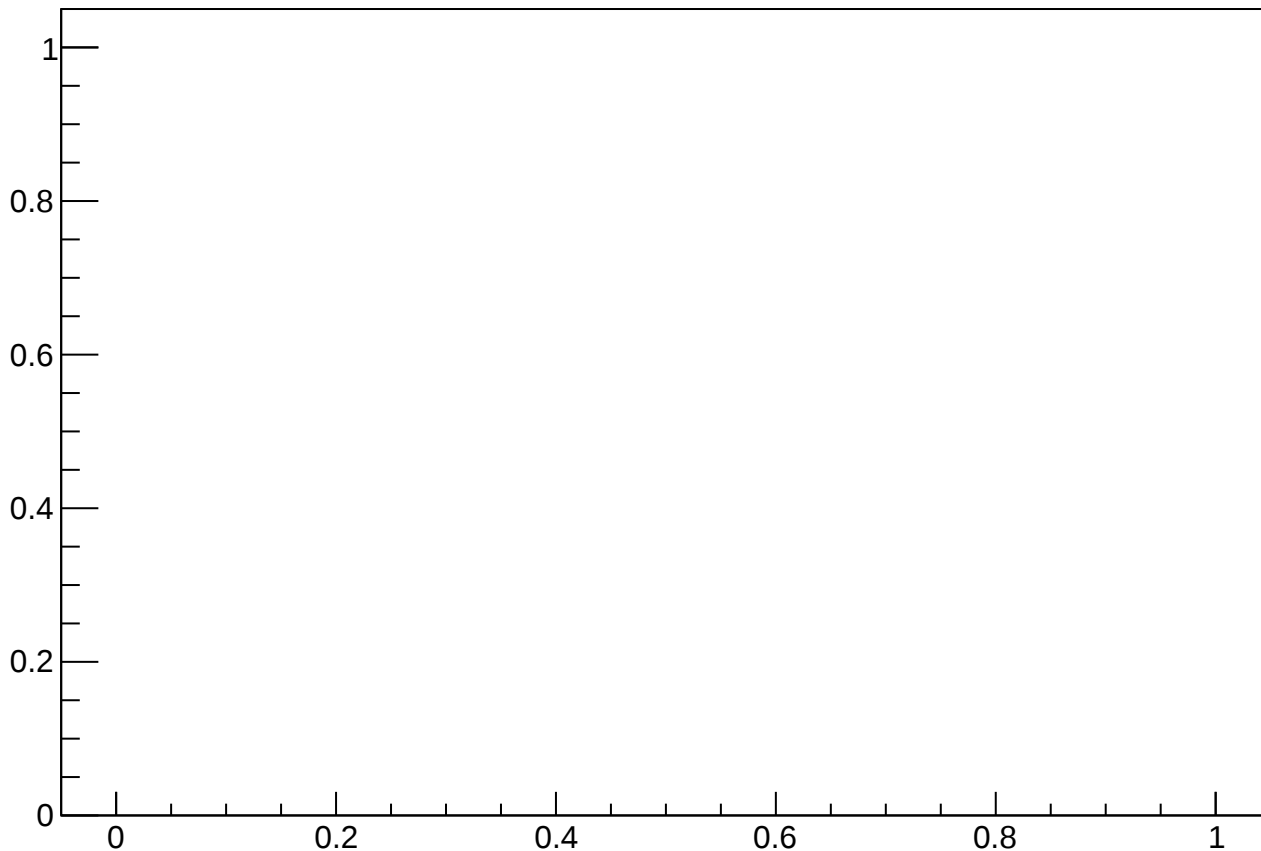
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.644+/-0.034 χ^2/NDF : 801609.0/14

109.654+/-0.024 χ^2/NDF : 1698785.4/32

109.663+/-0.032 χ^2/NDF : 897176.2/17

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

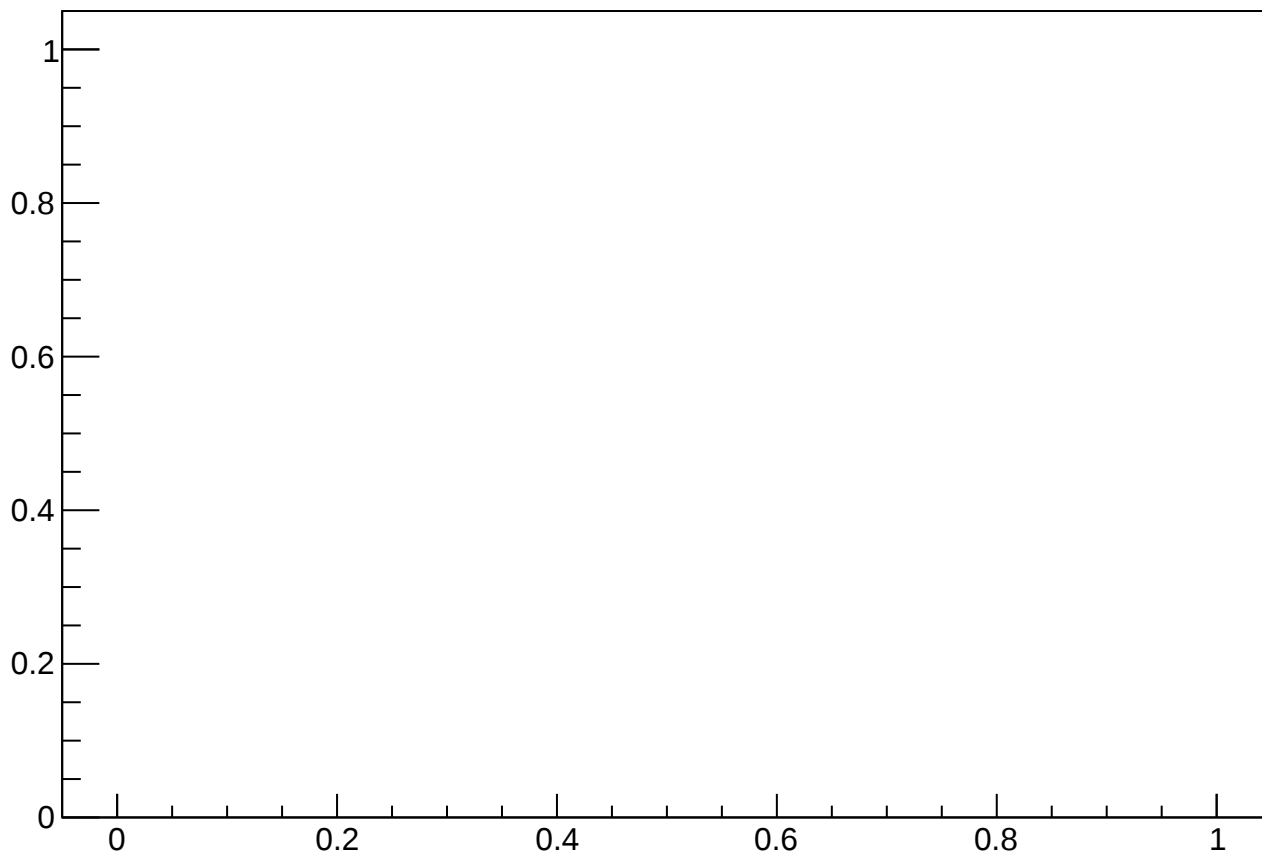
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

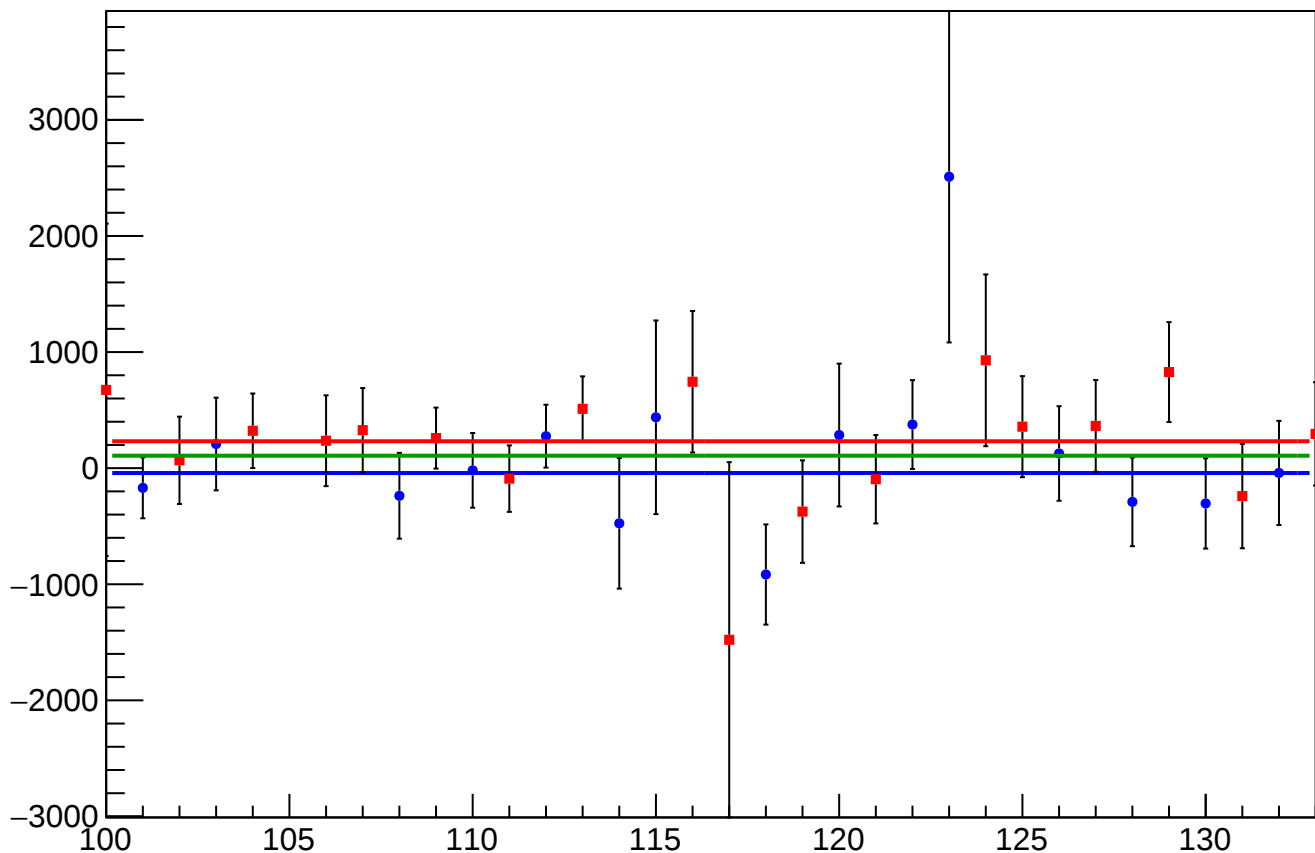
asym_sam3_correction_rms vs Slug, Sign Corrected



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 χ^2/NDF : 13.0/14

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

Right Out: 231.691 ± 93.274 χ^2/NDF : 11.4/17

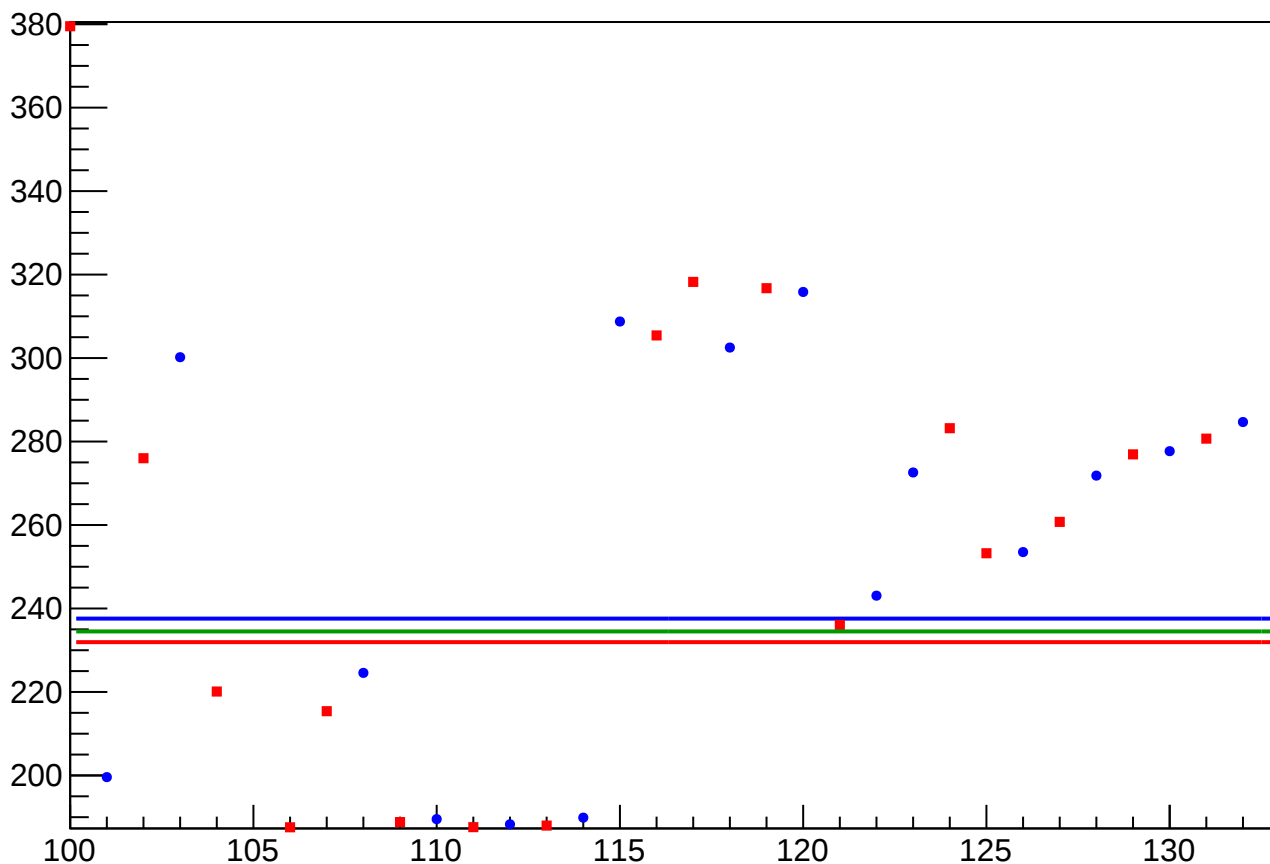
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.938 ± 102.111 χ^2/NDF : 13.0/14

107.227 ± 68.867 χ^2/NDF : 28.4/32

231.691 ± 93.274 χ^2/NDF : 11.4/17

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: 231.935+/-0.066 χ^2/NDF : 448438.4/17

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

237.578+/-0.072 χ^2/NDF : 375412.3/14

234.502+/-0.049 χ^2/NDF : 827180.8/32

231.935+/-0.066 χ^2/NDF : 448438.4/17

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

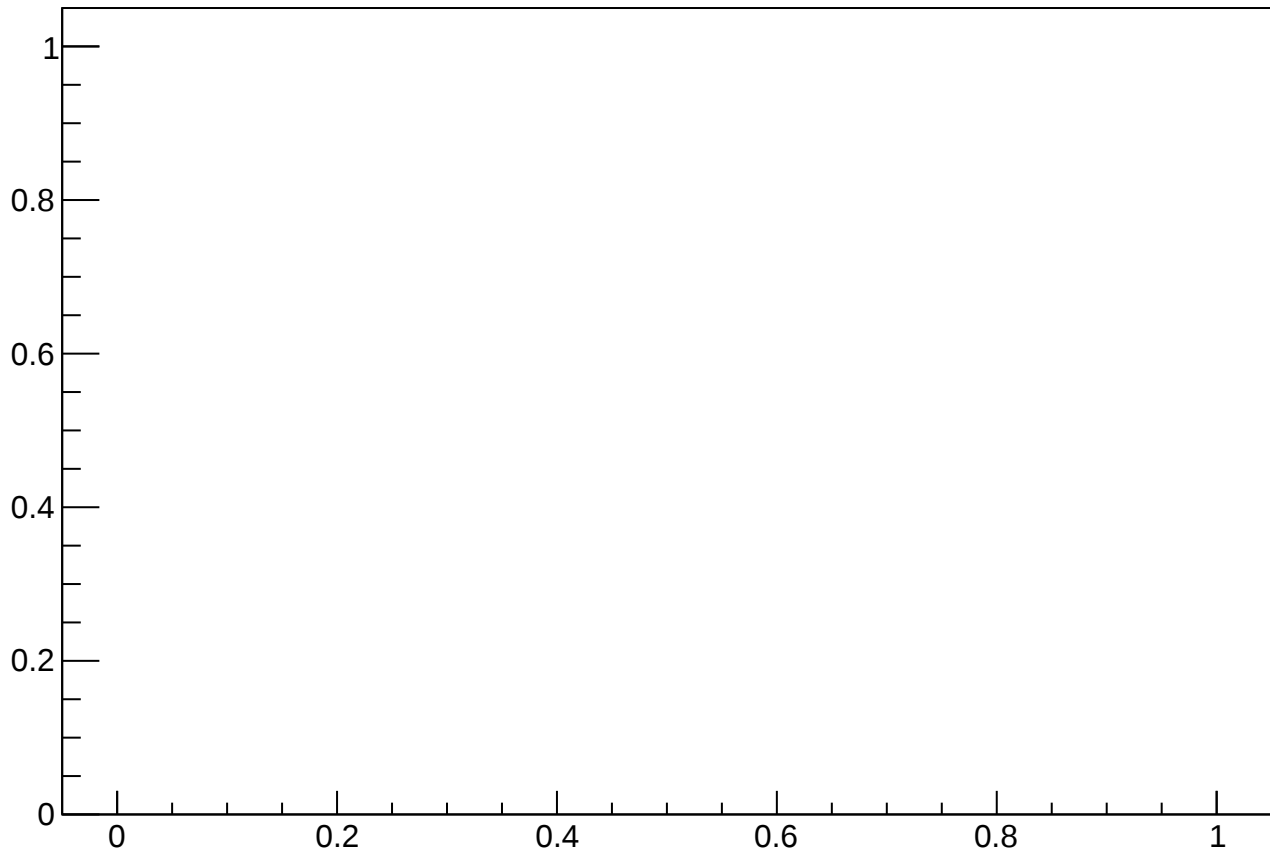
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

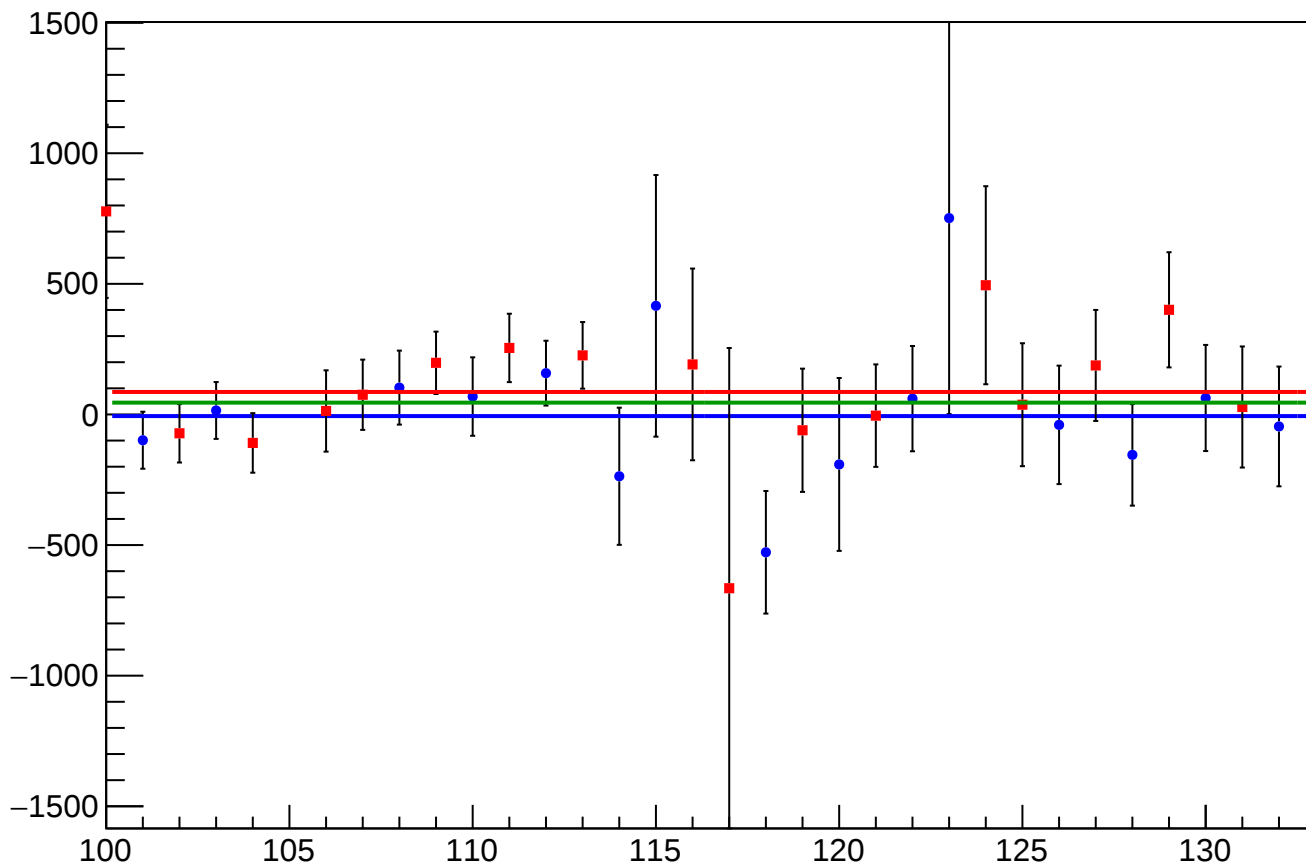
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\chi^2/\text{NDF}: 12.0/14$

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

Right Out: 86.125 ± 40.316 $\chi^2/\text{NDF}: 19.6/17$

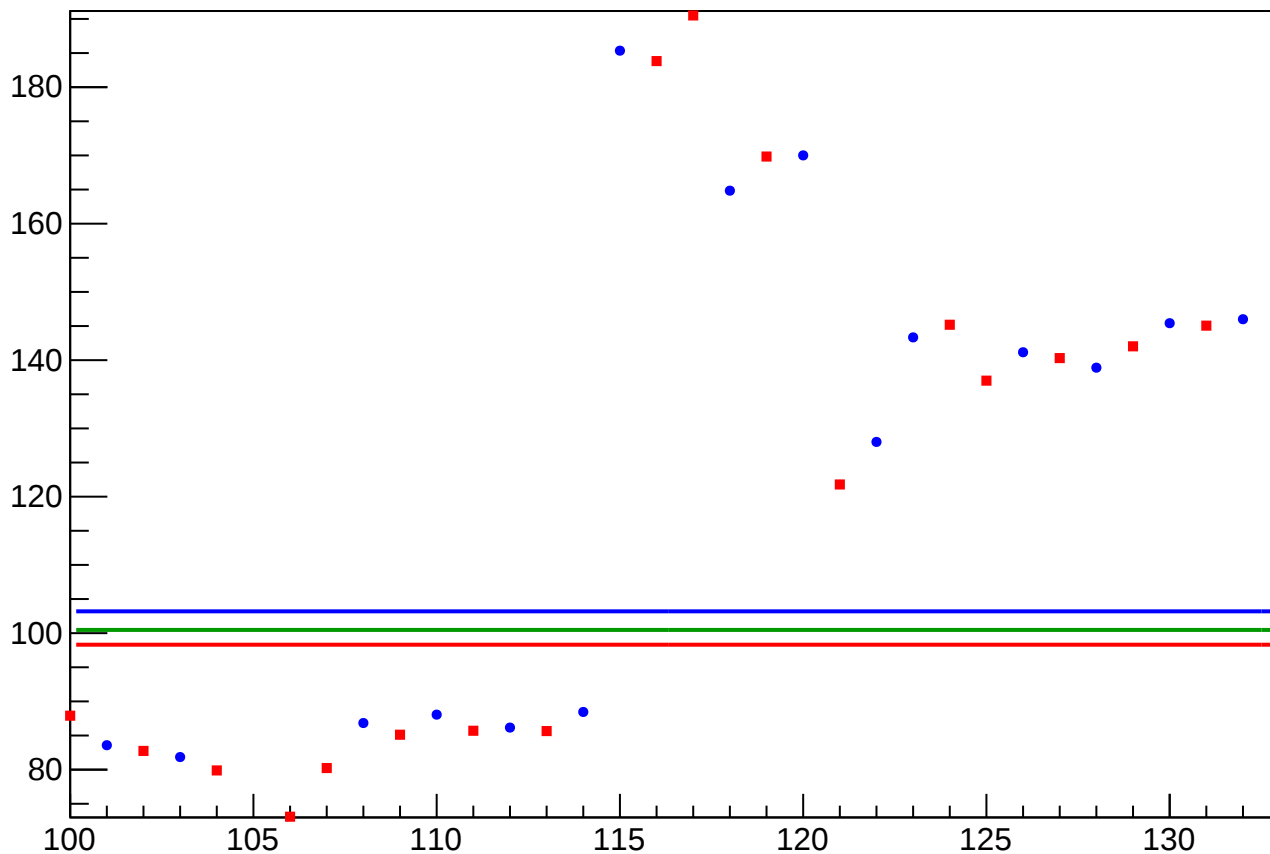
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-6.260 ± 45.220 $\chi^2/\text{NDF}: 12.0/14$

45.211 ± 30.093 $\chi^2/\text{NDF}: 33.9/32$

86.125 ± 40.316 $\chi^2/\text{NDF}: 19.6/17$

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: 98.307+/-0.029 χ^2/NDF : 972272.9/17

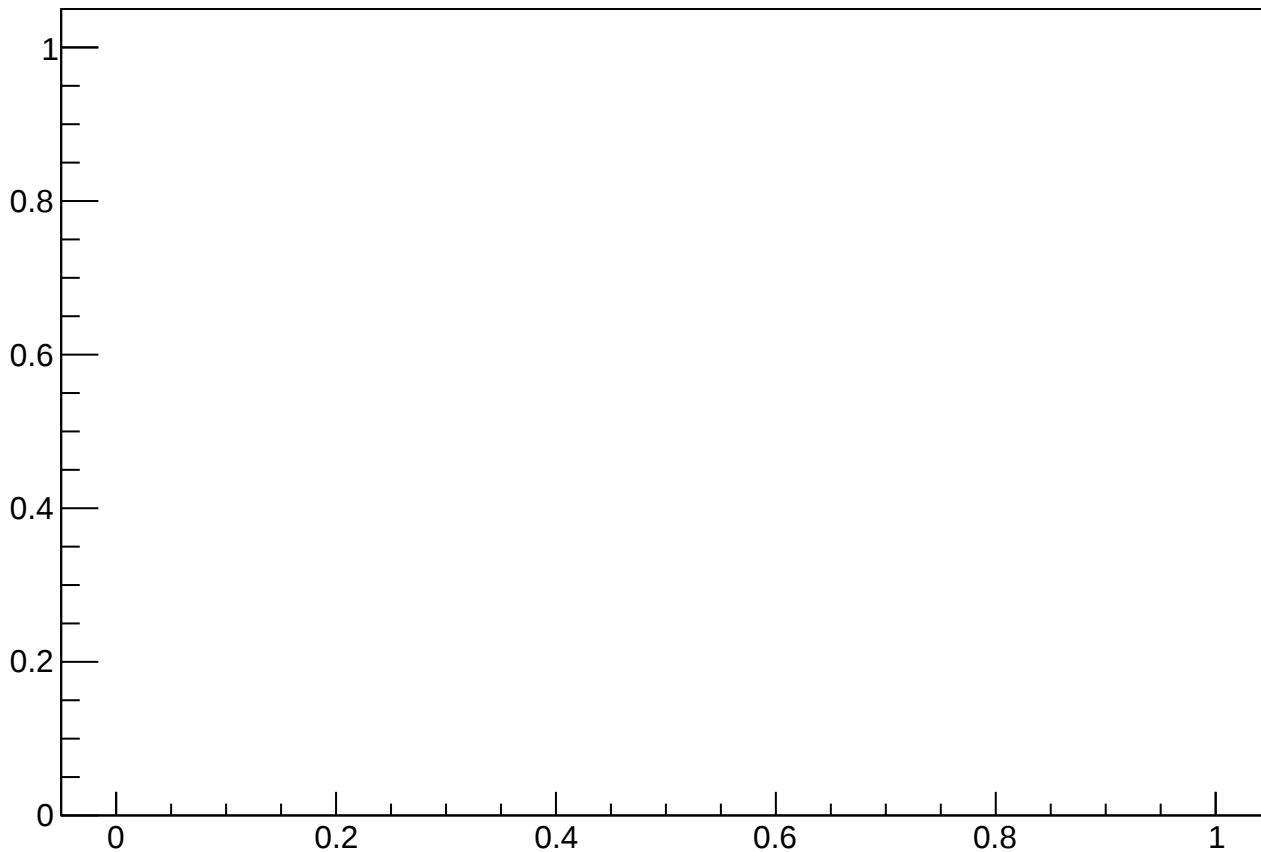
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.198+/-0.032 χ^2/NDF : 821793.2/14

100.473+/-0.021 χ^2/NDF : 1807100.7/32

98.307+/-0.029 χ^2/NDF : 972272.9/17

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

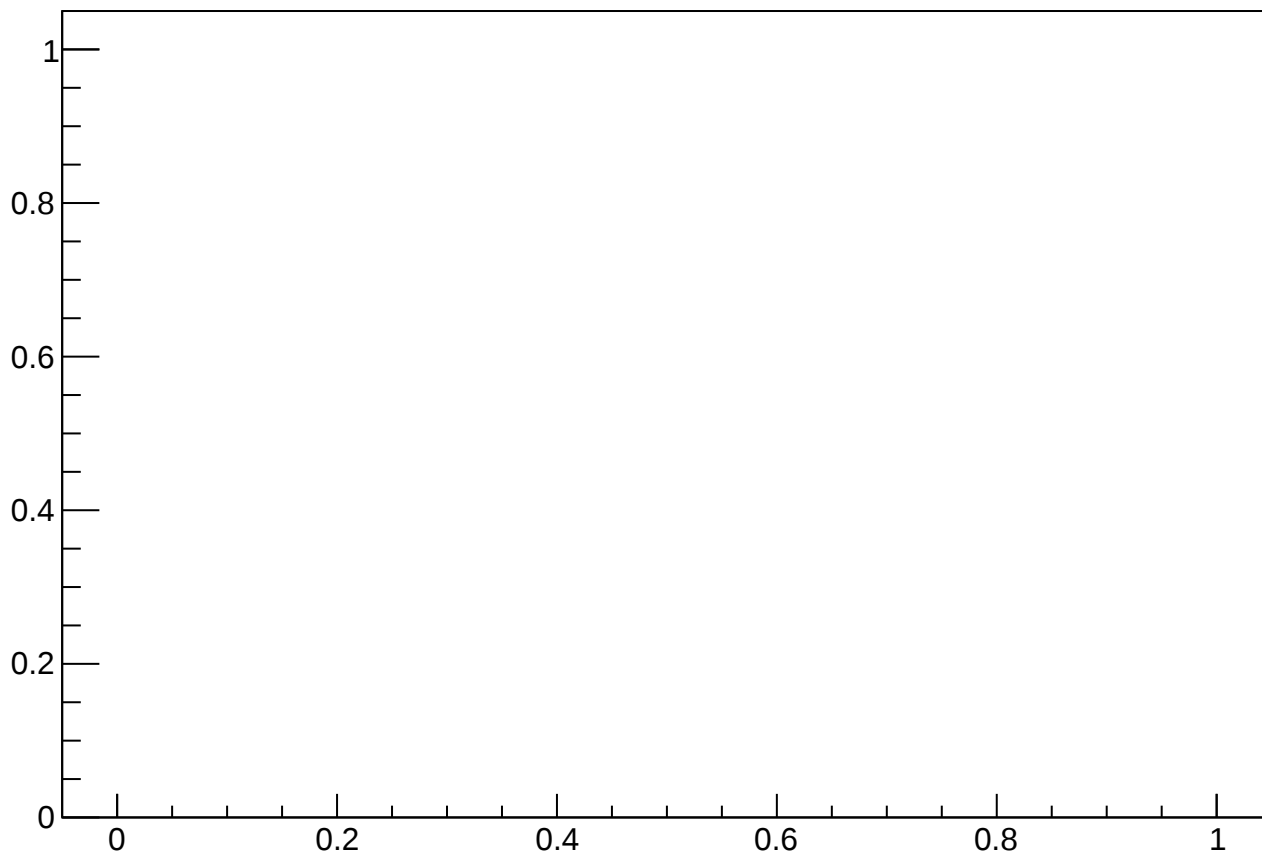
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

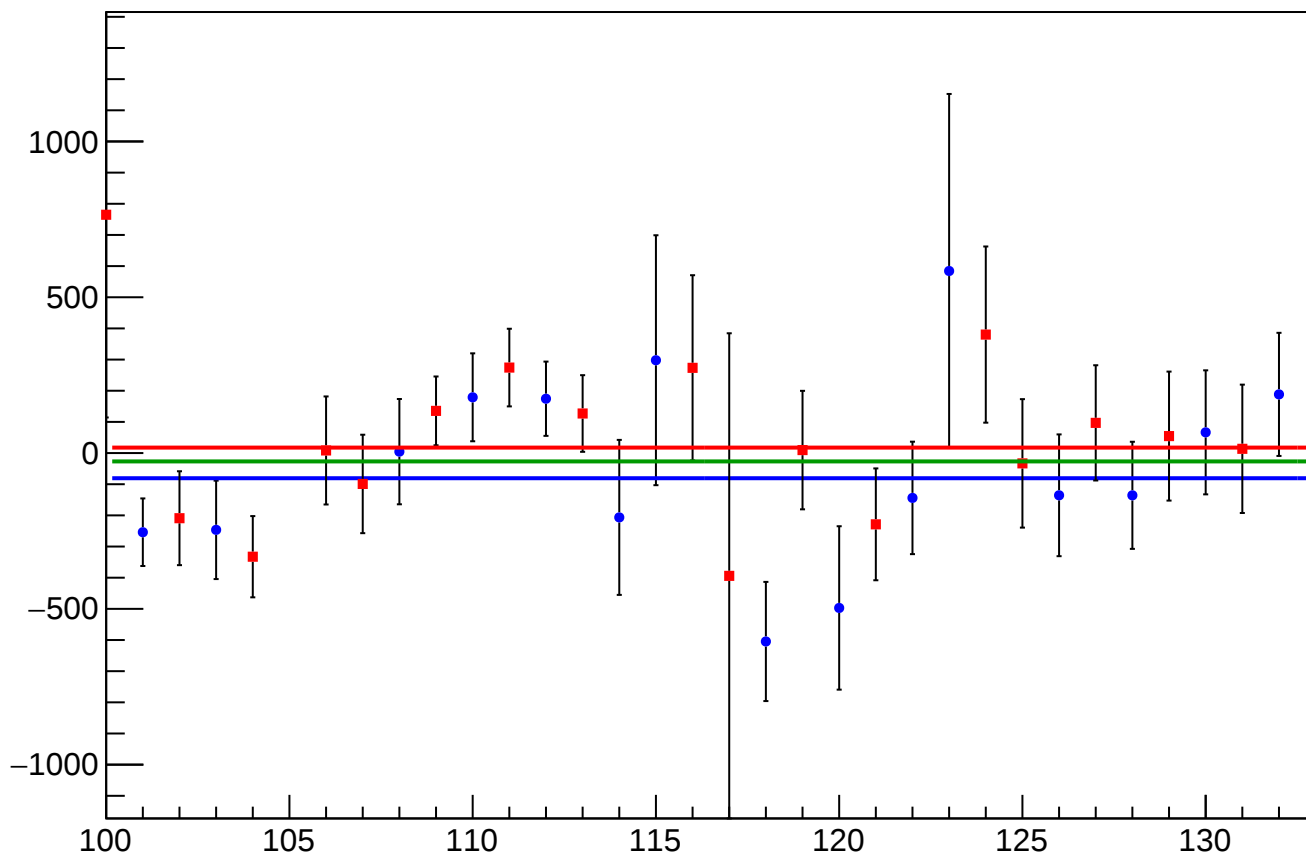
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: -80.758 ± 45.184 $\chi^2/\text{NDF}: 27.1/14$

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

Right Out: 17.527 ± 40.964 $\chi^2/\text{NDF}: 22.4/17$

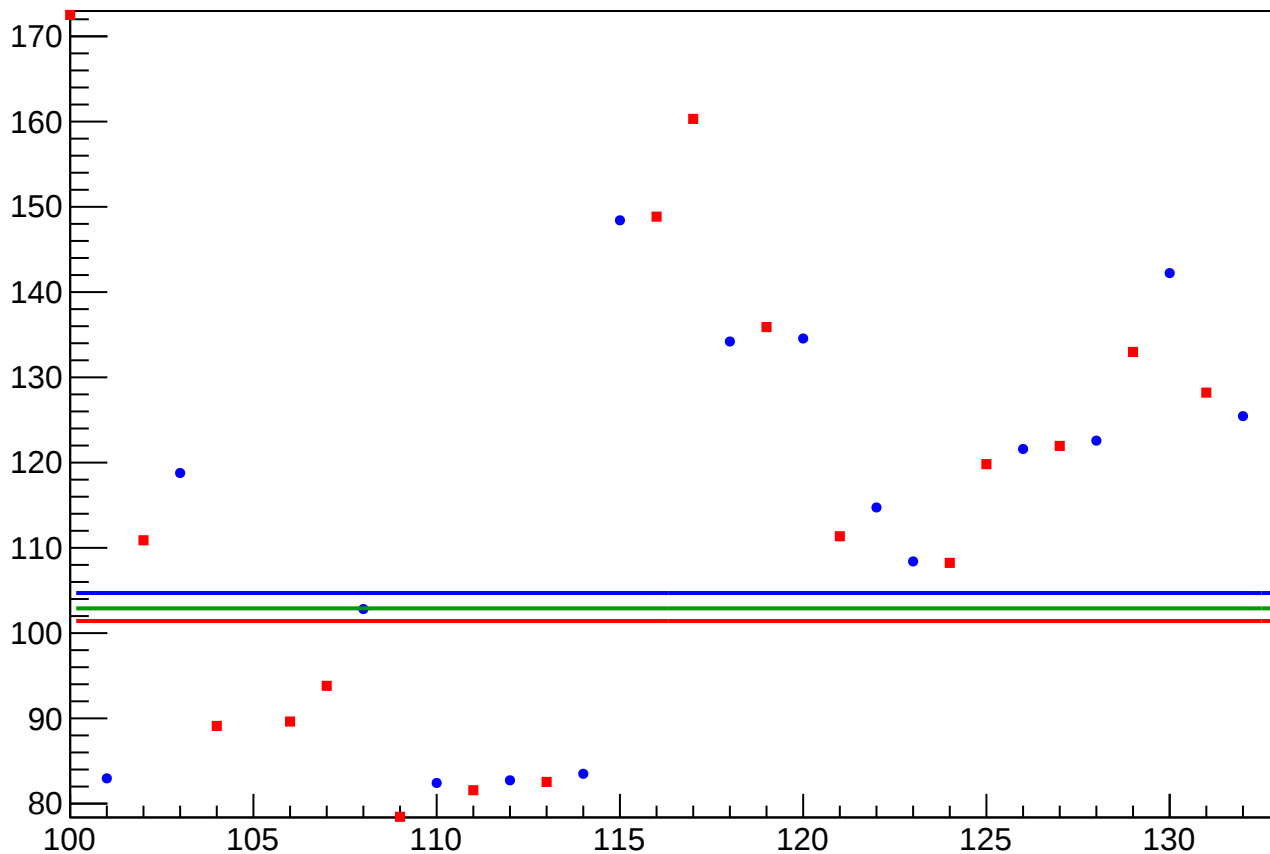
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-80.758 ± 45.184 $\chi^2/\text{NDF}: 27.1/14$

-26.812 ± 30.349 $\chi^2/\text{NDF}: 52.1/32$

17.527 ± 40.964 $\chi^2/\text{NDF}: 22.4/17$

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: 101.425 $\pm$ 0.029 χ^2 /NDF: 576793.3/17

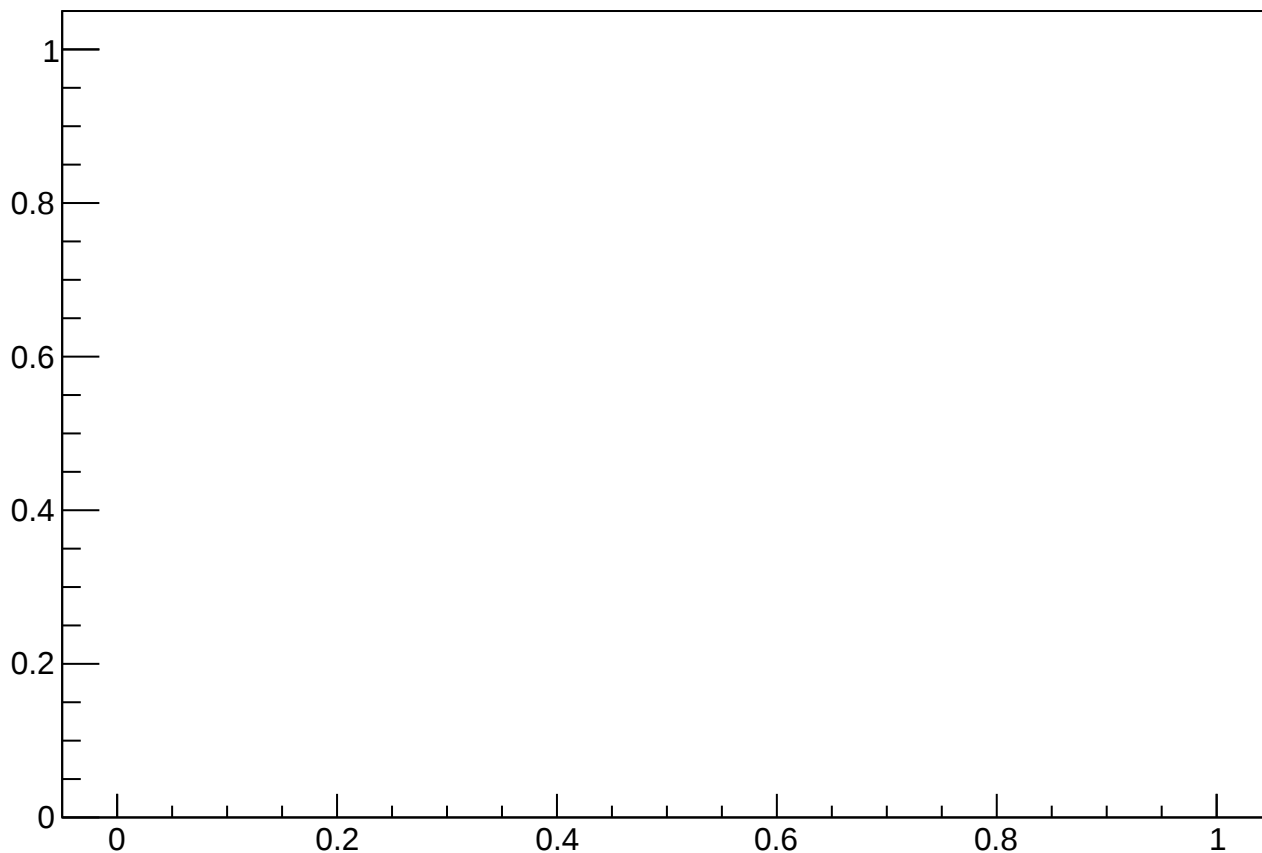
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

104.702 $\pm$ 0.032 χ^2 /NDF: 462219.3/14

102.903 $\pm$ 0.021 χ^2 /NDF: 1044786.0/32

101.425 $\pm$ 0.029 χ^2 /NDF: 576793.3/17

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

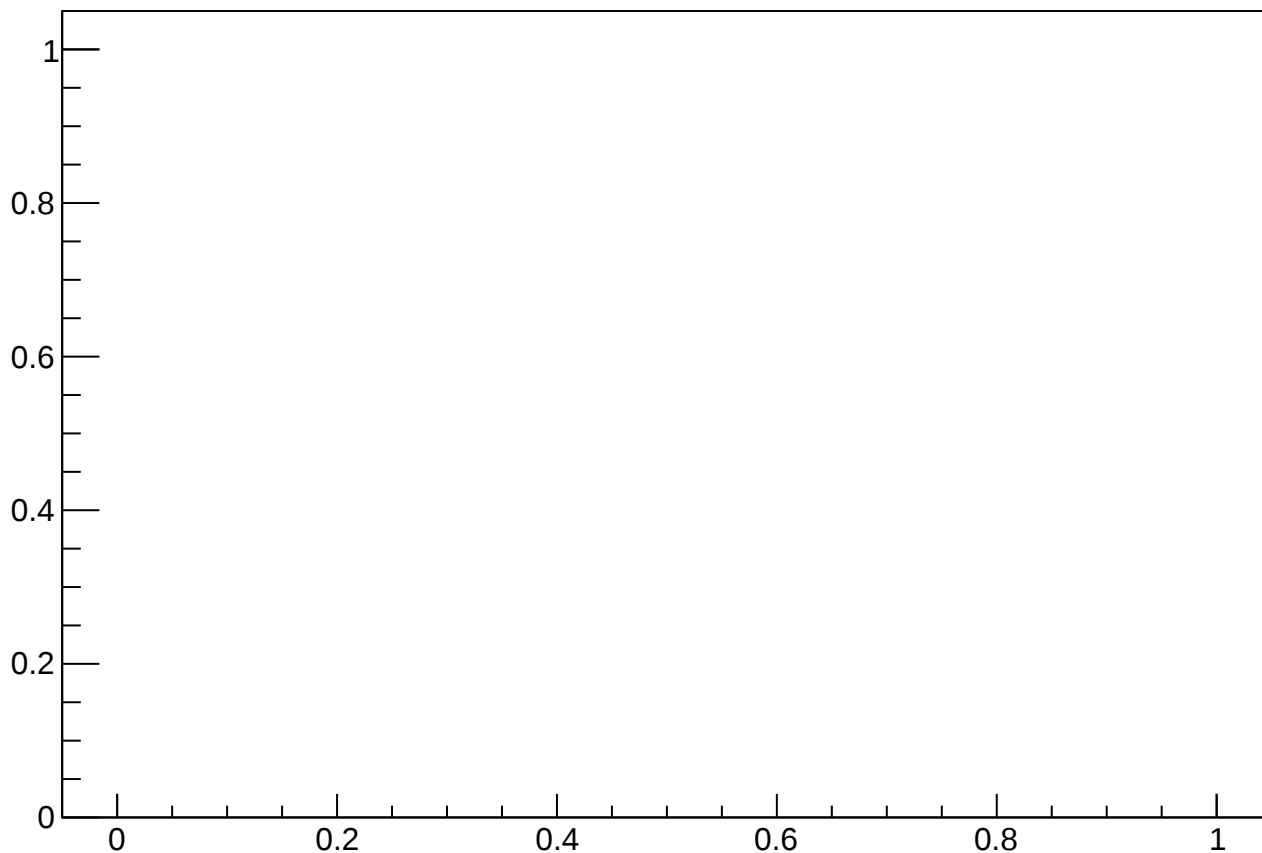
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

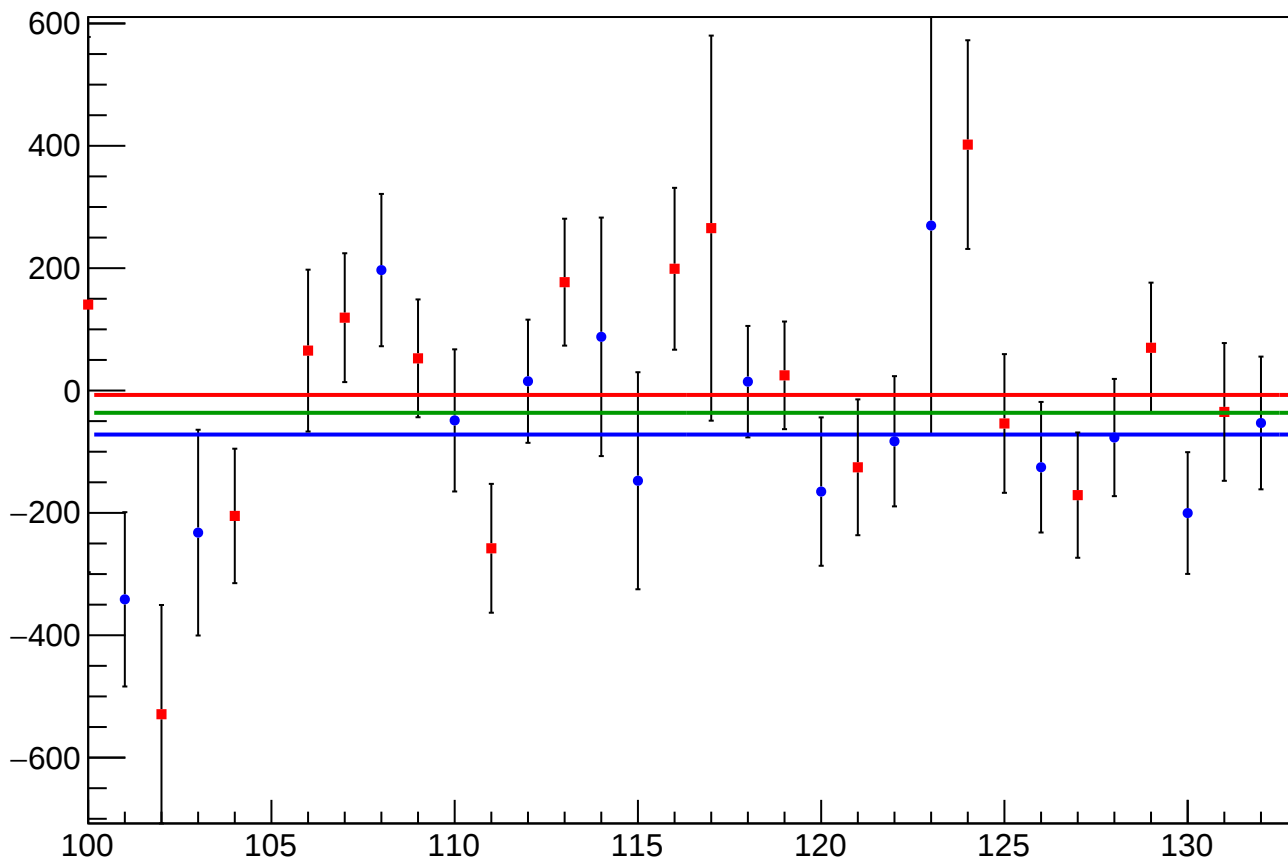
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 15.2/14

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

Right Out: -7.189 ± 28.004 χ^2/NDF : 37.1/17

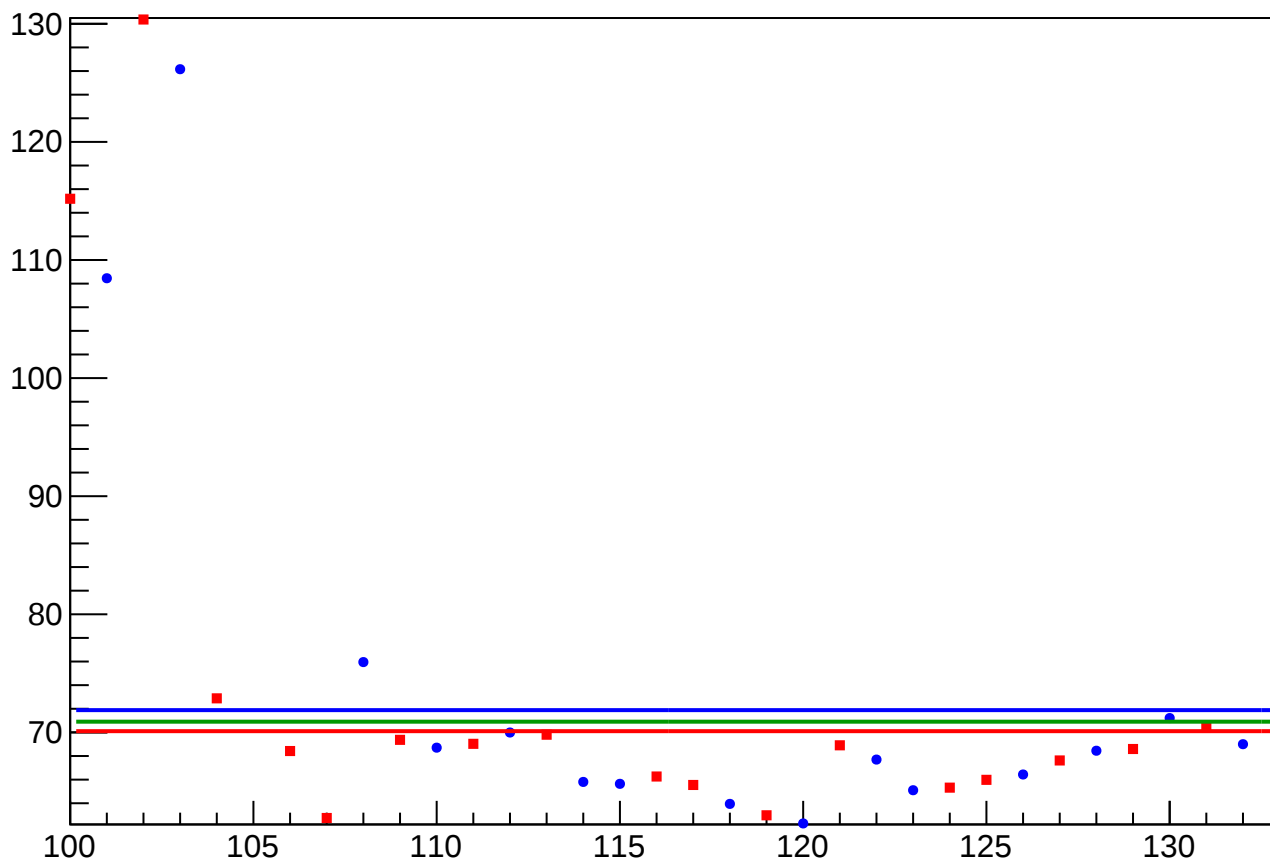
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-71.935 ± 30.886 χ^2/NDF : 15.2/14

-36.401 ± 20.746 χ^2/NDF : 54.8/32

-7.189 ± 28.004 χ^2/NDF : 37.1/17

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 71.885 +/- 0.022 χ^2/NDF : 389793.8/14

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

Right Out: 70.104 +/- 0.020 χ^2/NDF : 298074.1/17

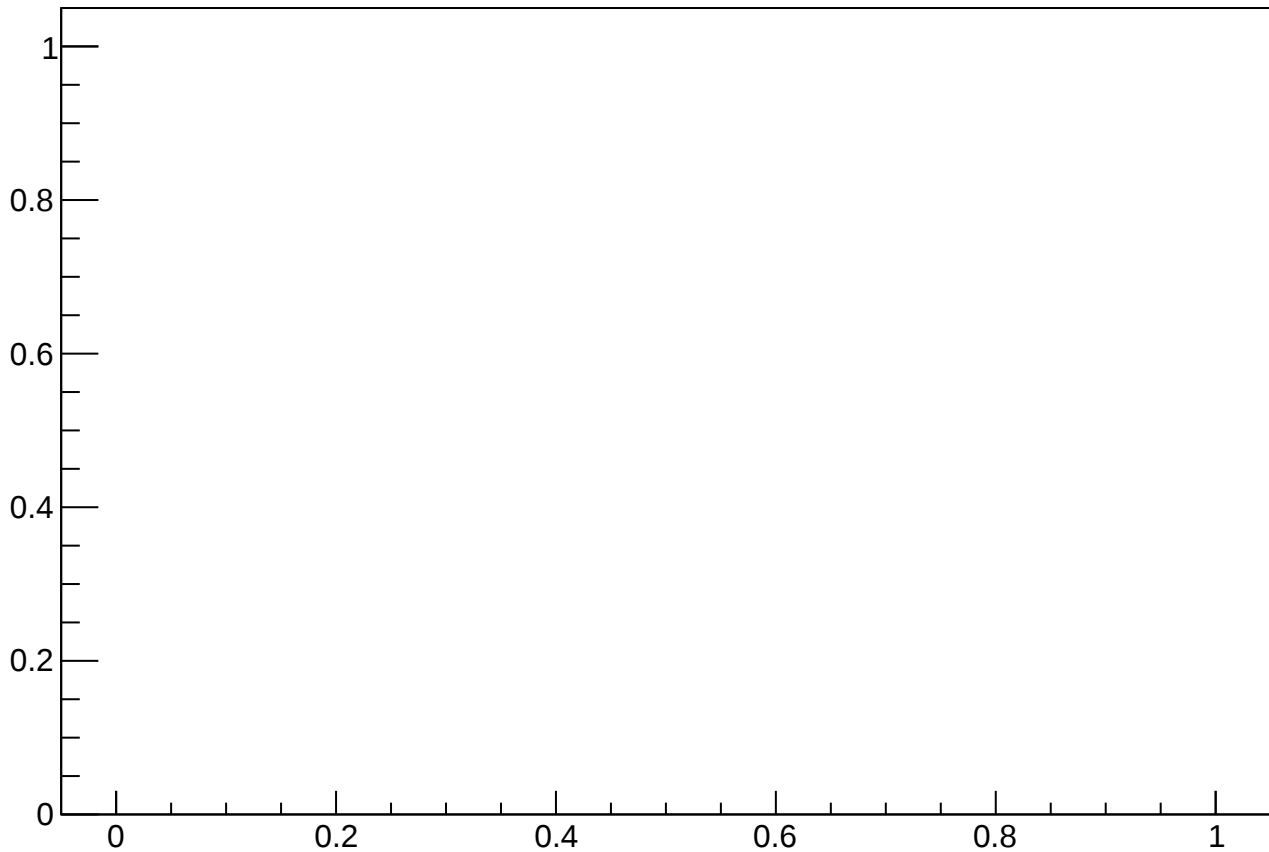
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

71.885 +/- 0.022 χ^2/NDF : 389793.8/14

70.907 +/- 0.015 χ^2/NDF : 691518.3/32

70.104 +/- 0.020 χ^2/NDF : 298074.1/17

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

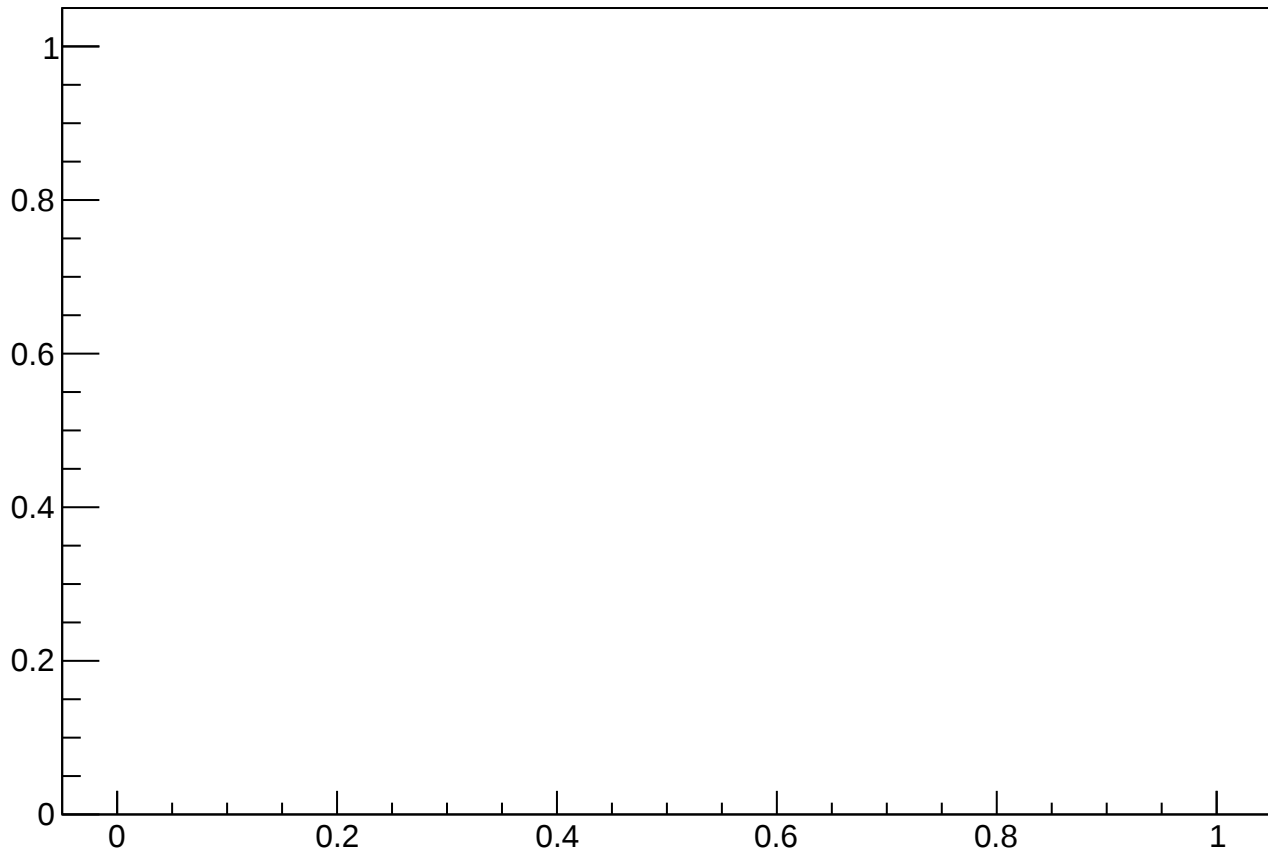
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

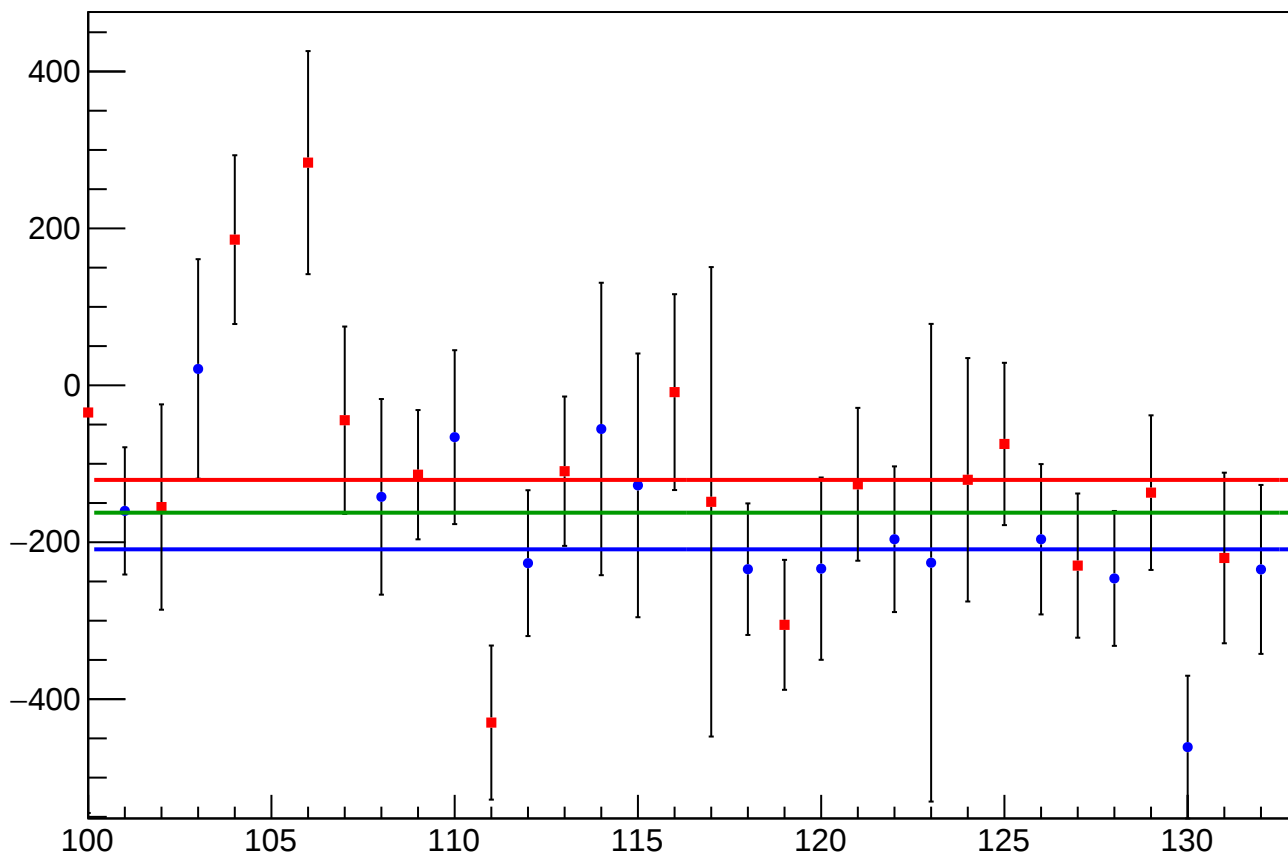
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -120.549 $\pm$ 25.998 χ^2/NDF : 39.4/17

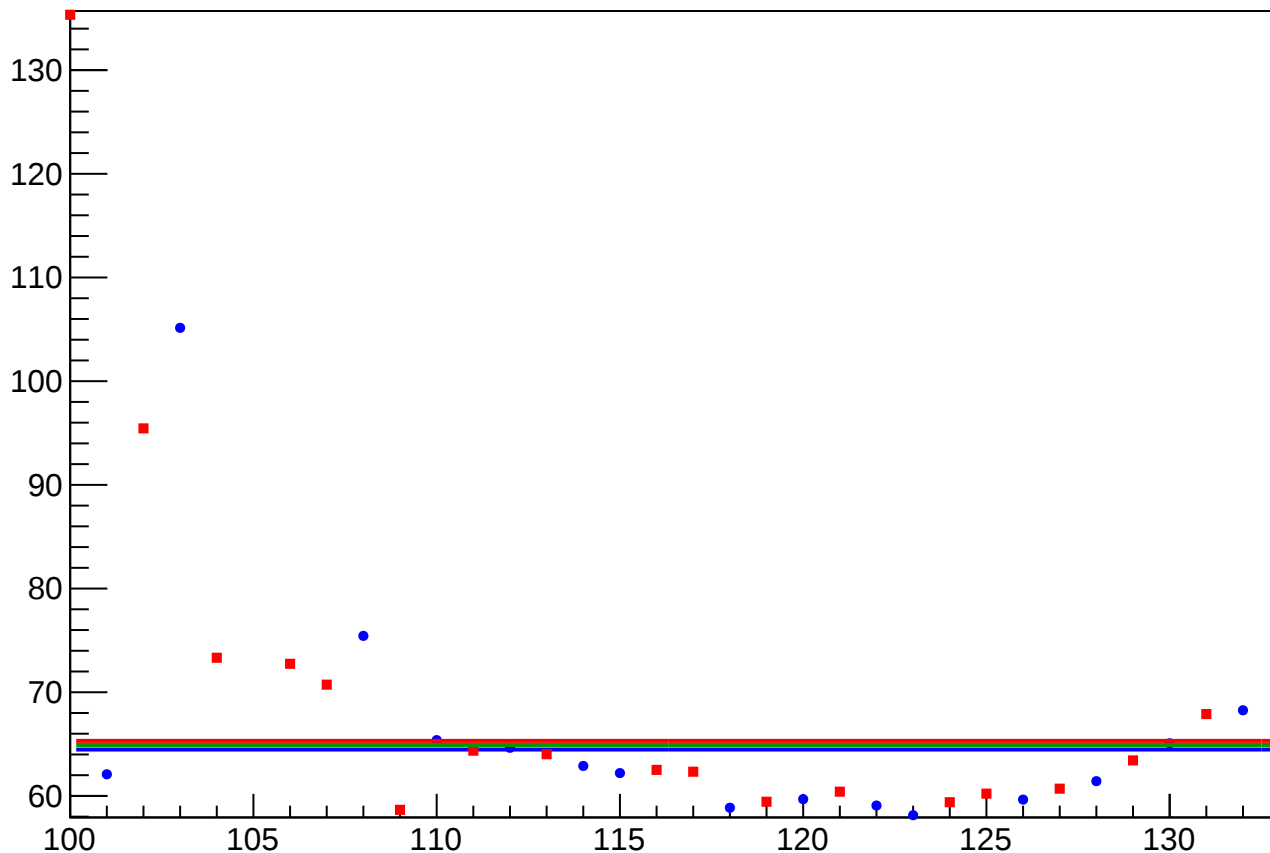
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-209.034 $\pm$ 27.489 χ^2/NDF : 14.1/14

-162.327 $\pm$ 18.888 χ^2/NDF : 58.9/32

-120.549 $\pm$ 25.998 χ^2/NDF : 39.4/17

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: 65.311+/-0.018 χ^2/NDF : 217095.4/17

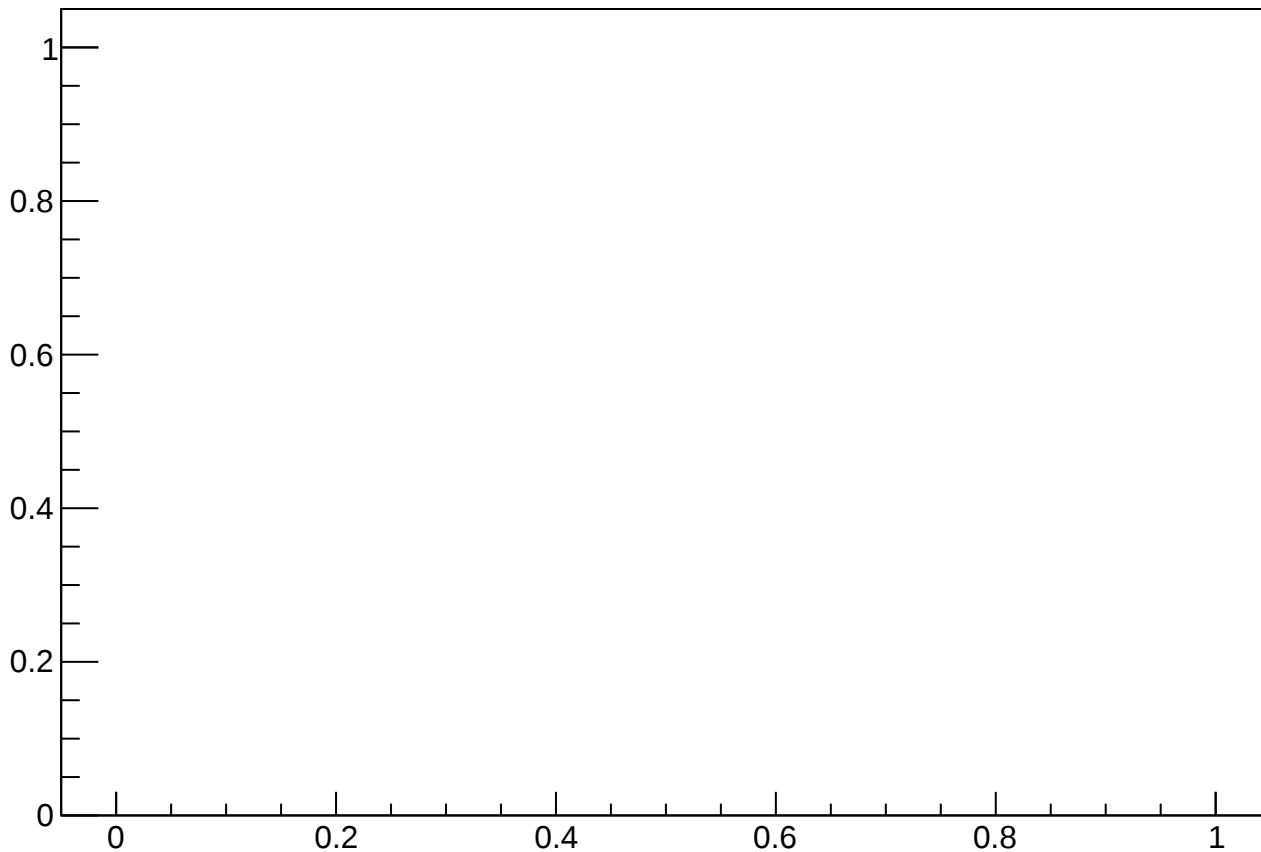
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.475+/-0.019 χ^2/NDF : 217042.5/14

64.916+/-0.013 χ^2/NDF : 435115.0/32

65.311+/-0.018 χ^2/NDF : 217095.4/17

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

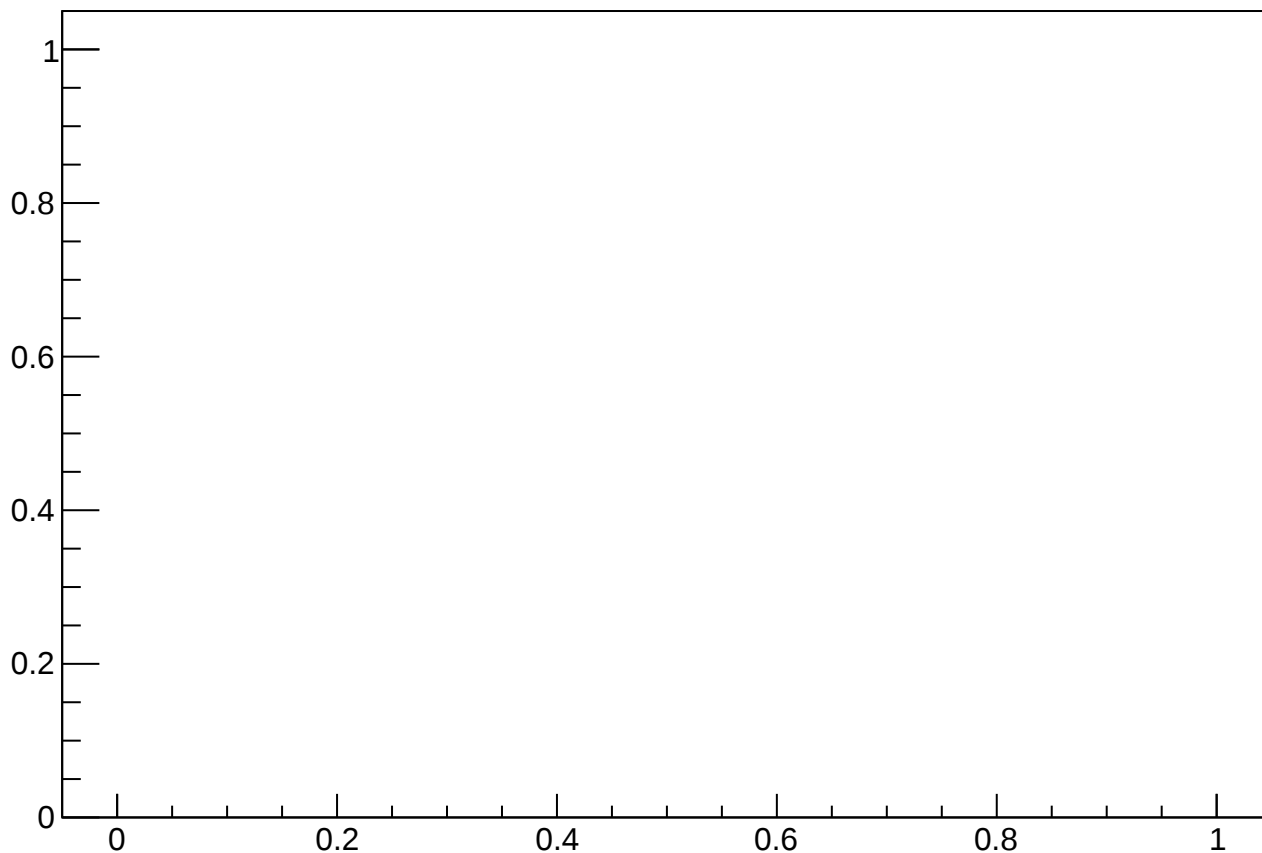
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

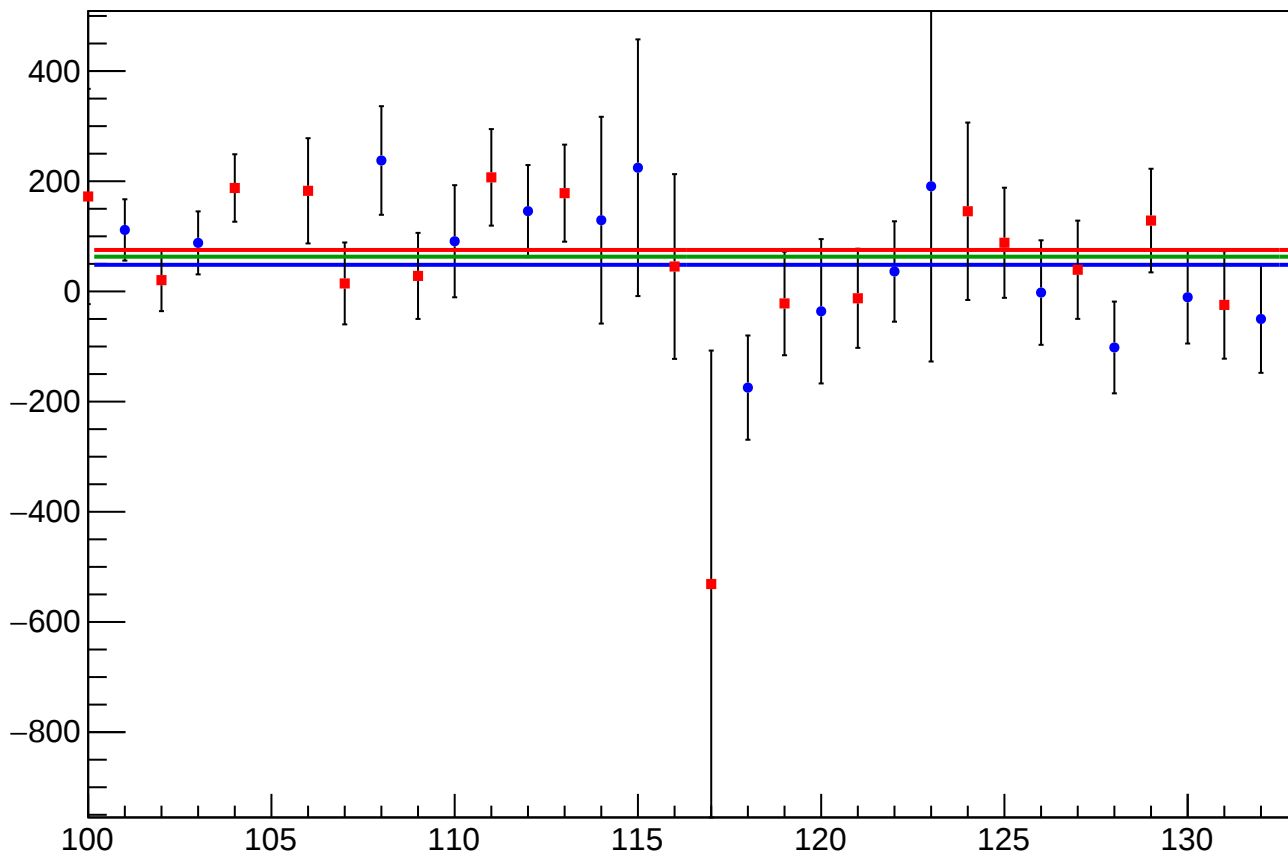
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 75.242 $\pm$ 21.342 χ^2 /NDF: 16.8/17

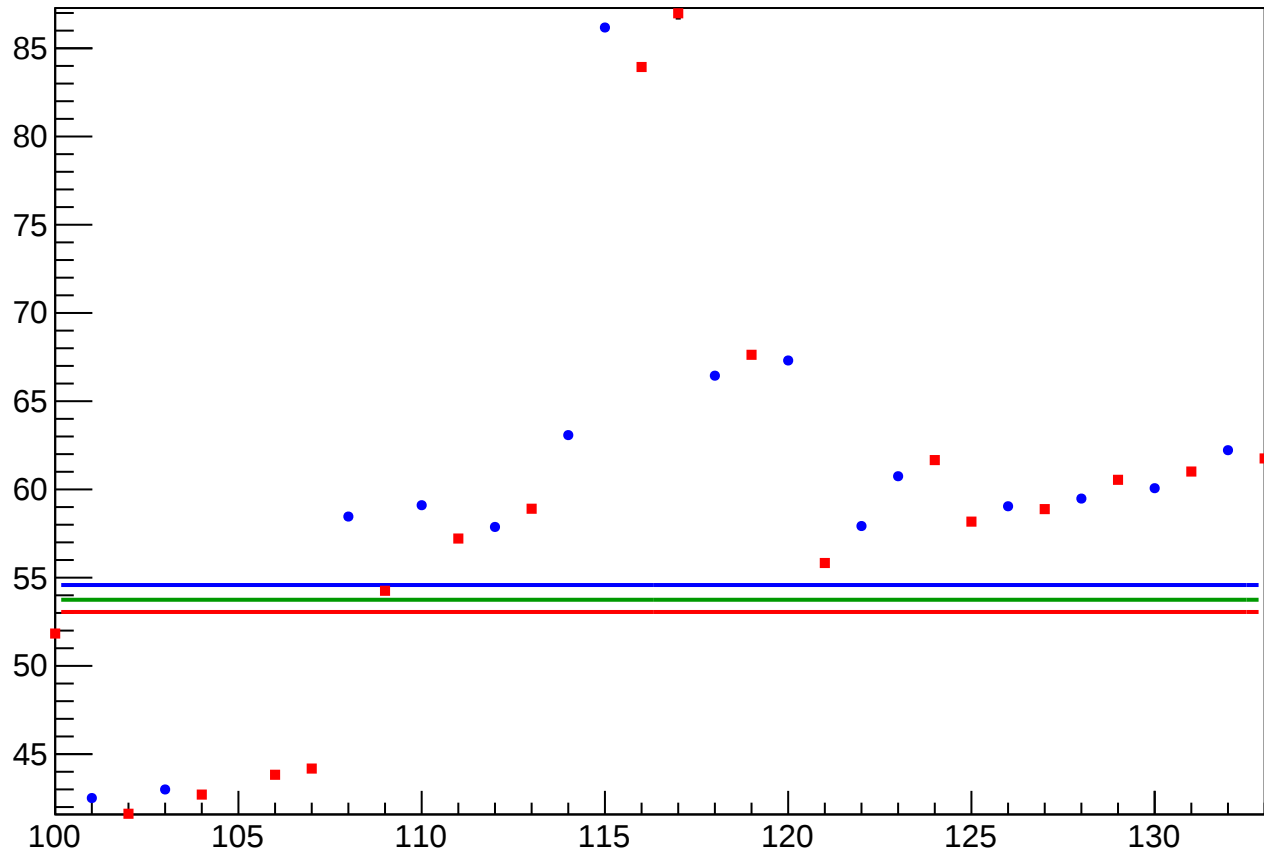
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

48.292 $\pm$ 23.443 χ^2 /NDF: 19.0/14

63.029 $\pm$ 15.781 χ^2 /NDF: 36.5/32

75.242 $\pm$ 21.342 χ^2 /NDF: 16.8/17

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: 53.055+/-0.015 χ^2/NDF : 393883.1/17

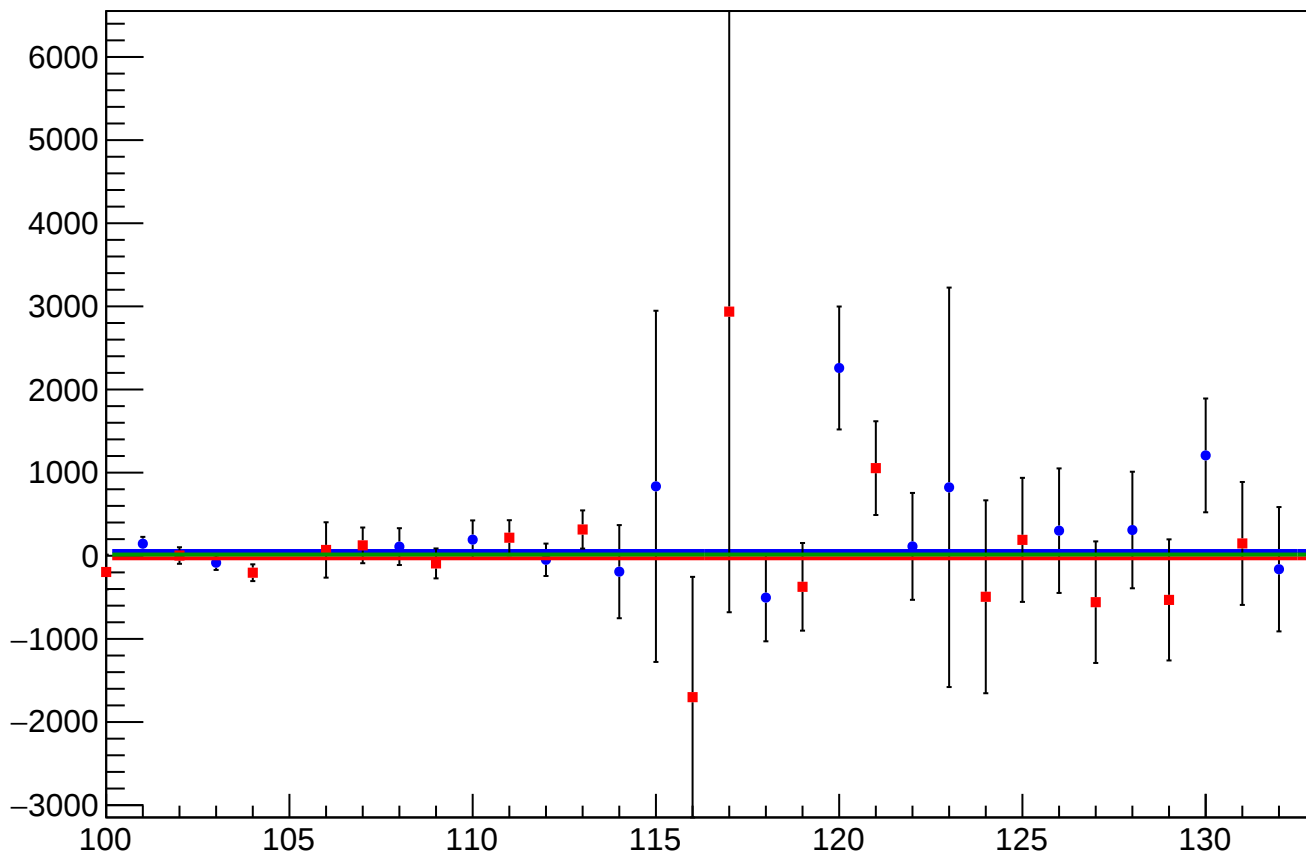
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.583+/-0.017 χ^2/NDF : 313035.2/14

53.747+/-0.011 χ^2/NDF : 711563.0/32

53.055+/-0.015 χ^2/NDF : 393883.1/17

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: -30.263+/-53.868 χ^2/NDF : 17.6/17

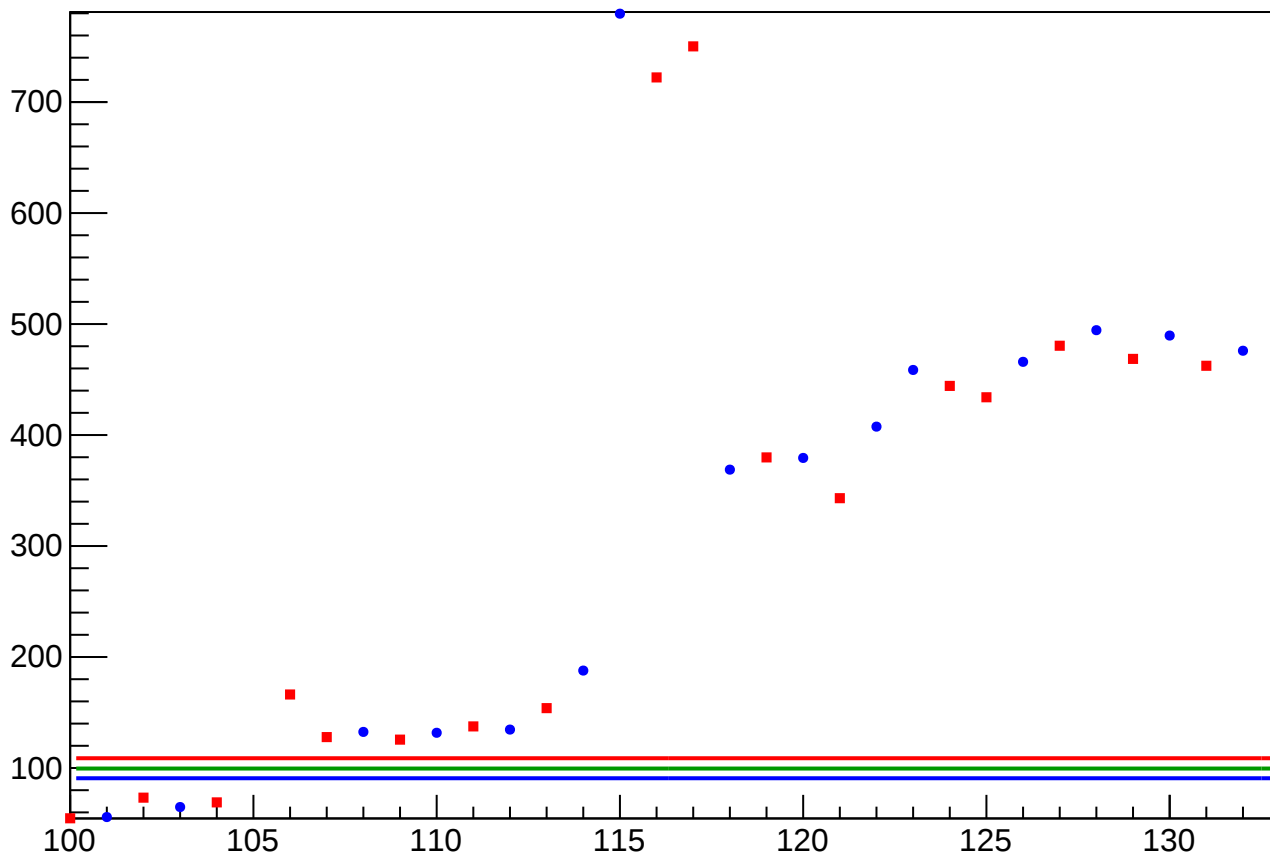
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

57.180+/-52.305 χ^2/NDF : 18.1/14

14.745+/-37.526 χ^2/NDF : 37.1/32

-30.263+/-53.868 χ^2/NDF : 17.6/17

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: 108.790+/-0.038 χ^2 /NDF: 4597006.0/17

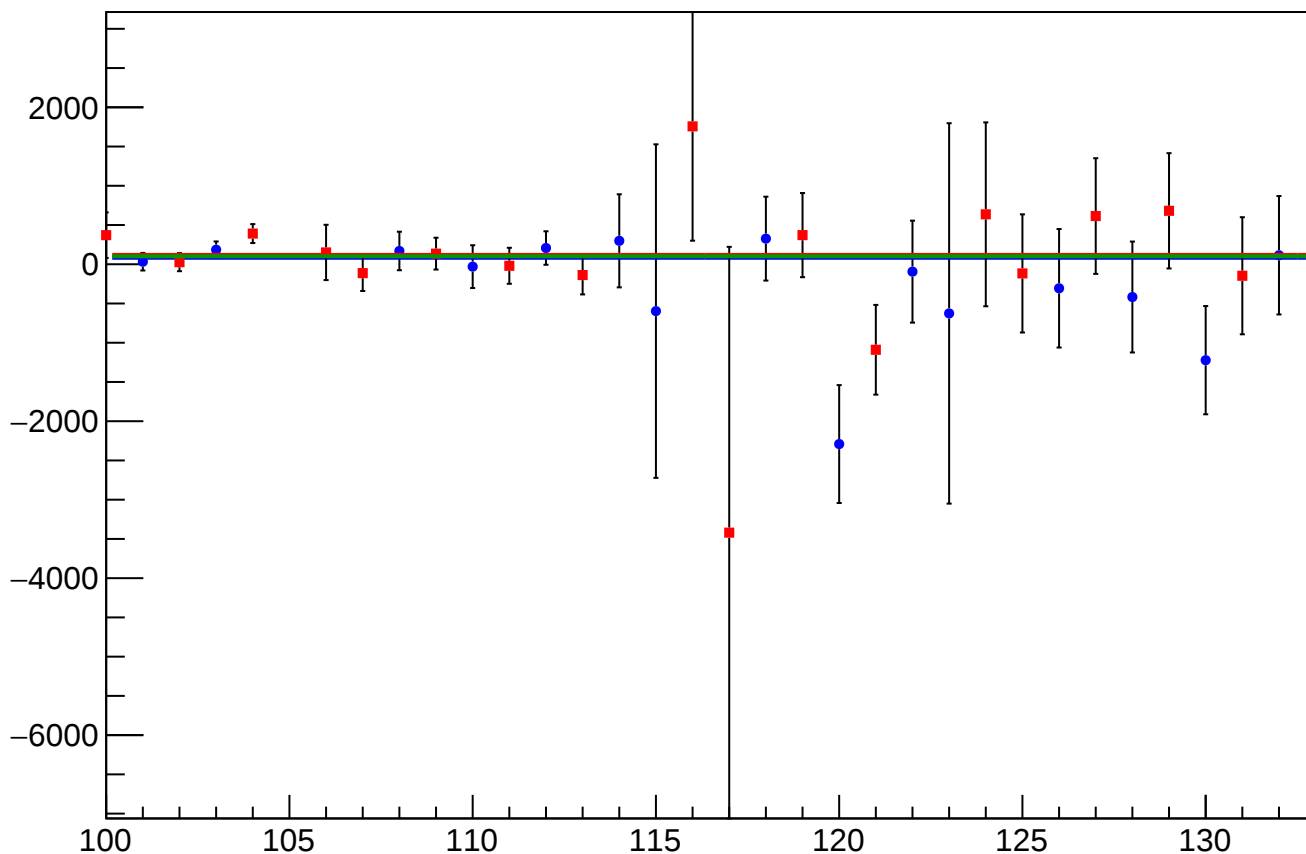
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

90.758+/-0.037 χ^2 /NDF: 4820786.8/14

99.509+/-0.027 χ^2 /NDF: 9533145.3/32

108.790+/-0.038 χ^2 /NDF: 4597006.0/17

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: 118.782+/-61.713 χ^2/NDF : 19.9/17

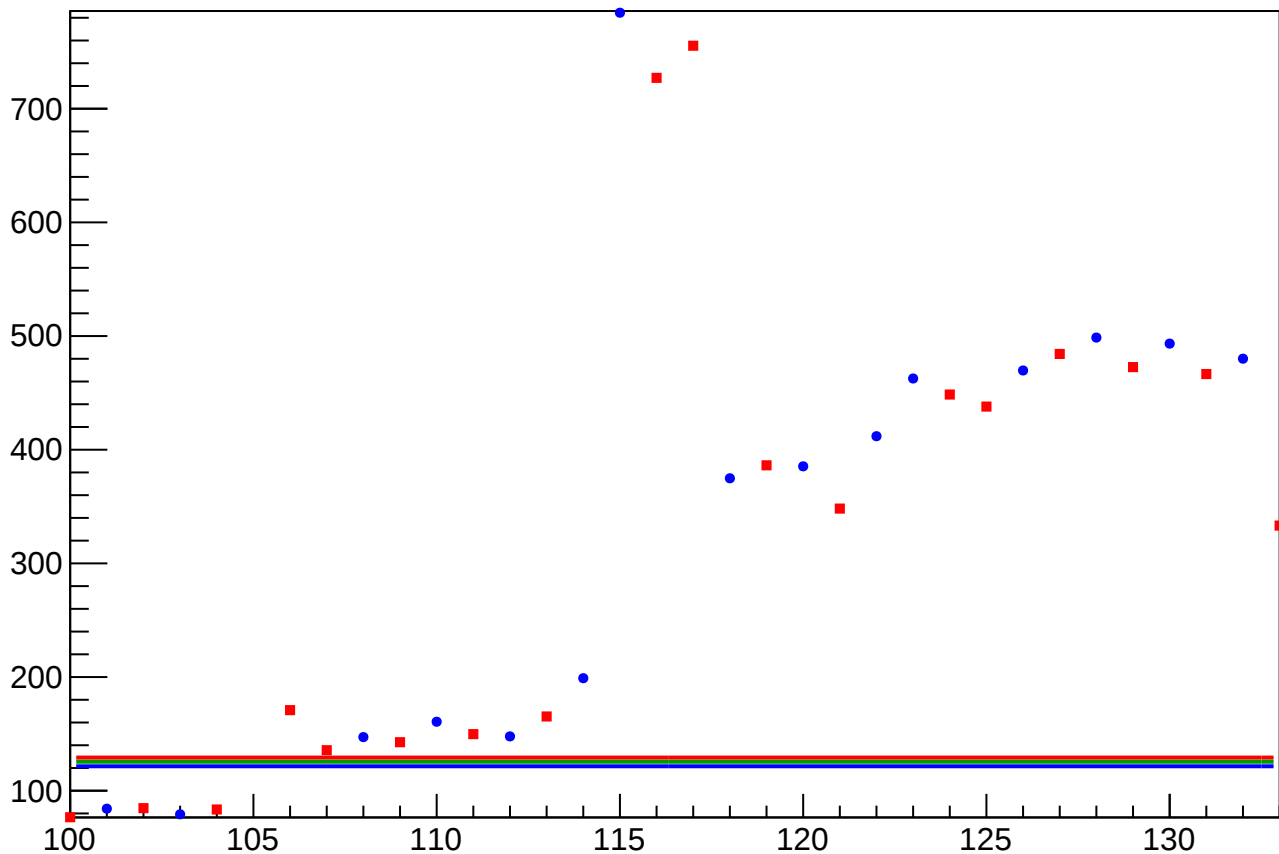
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.801+/-64.528 χ^2/NDF : 16.7/14

101.594+/-44.600 χ^2/NDF : 36.8/32

118.782+/-61.713 χ^2/NDF : 19.9/17

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: 129.150+/-0.044 χ^2/NDF : 4019537.9/17

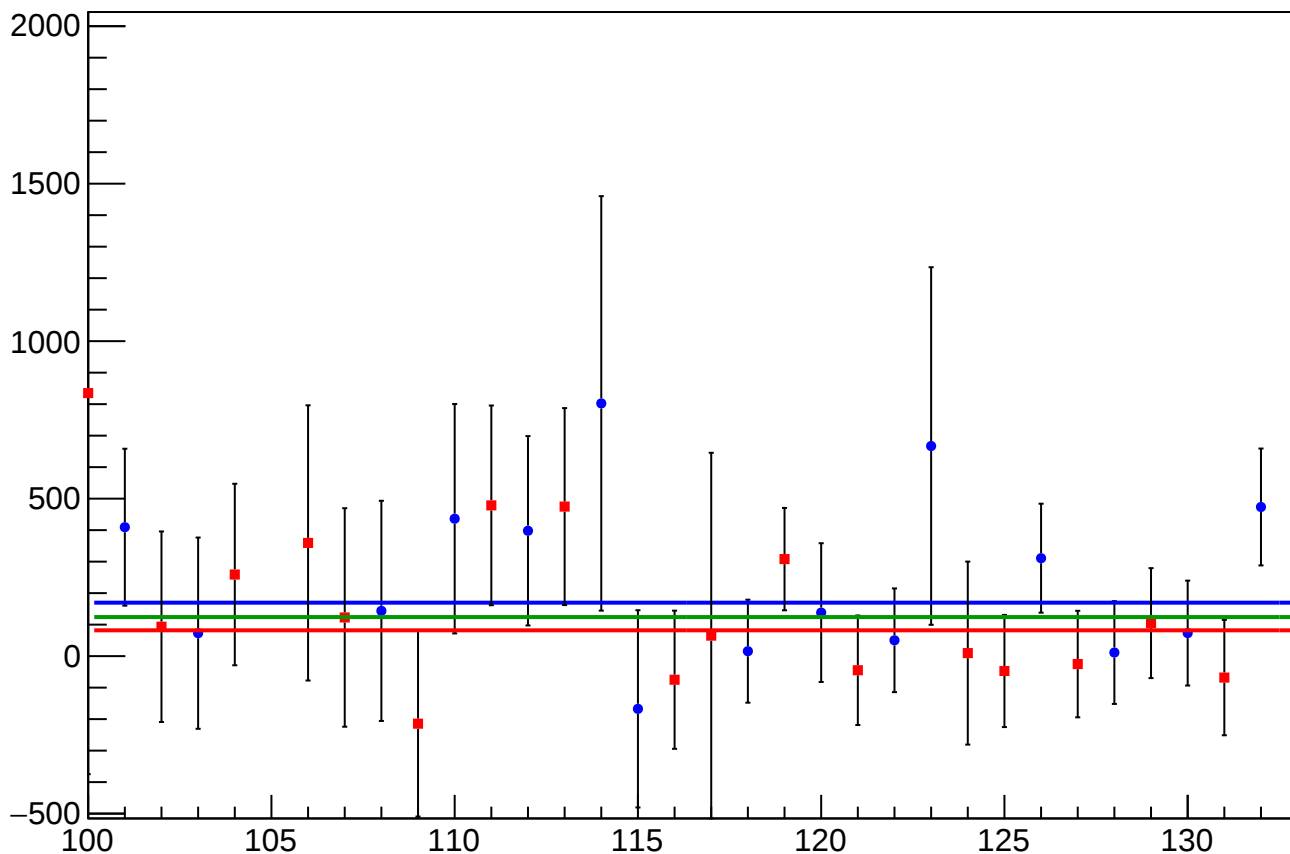
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

121.505+/-0.046 χ^2/NDF : 4029763.4/14

125.498+/-0.032 χ^2/NDF : 8063964.0/32

129.150+/-0.044 χ^2/NDF : 4019537.9/17

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: 81.928 $\pm$ 55.394 χ^2 /NDF: 10.2/17

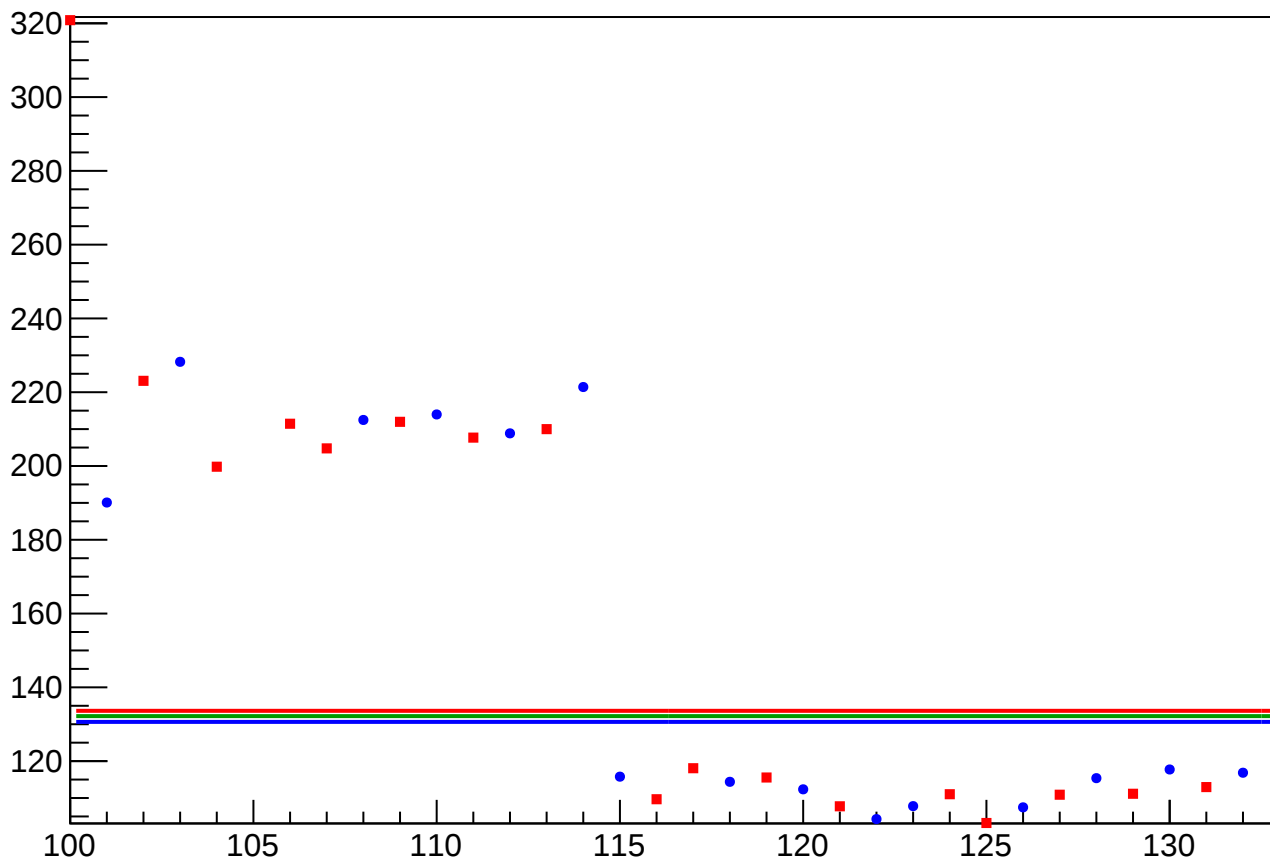
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

169.723 $\pm$ 57.698 χ^2 /NDF: 11.1/14

124.038 $\pm$ 39.959 χ^2 /NDF: 22.5/32

81.928 $\pm$ 55.394 χ^2 /NDF: 10.2/17

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: 133.636 $\pm$ 0.039 χ^2 /NDF: 1106913.3/17

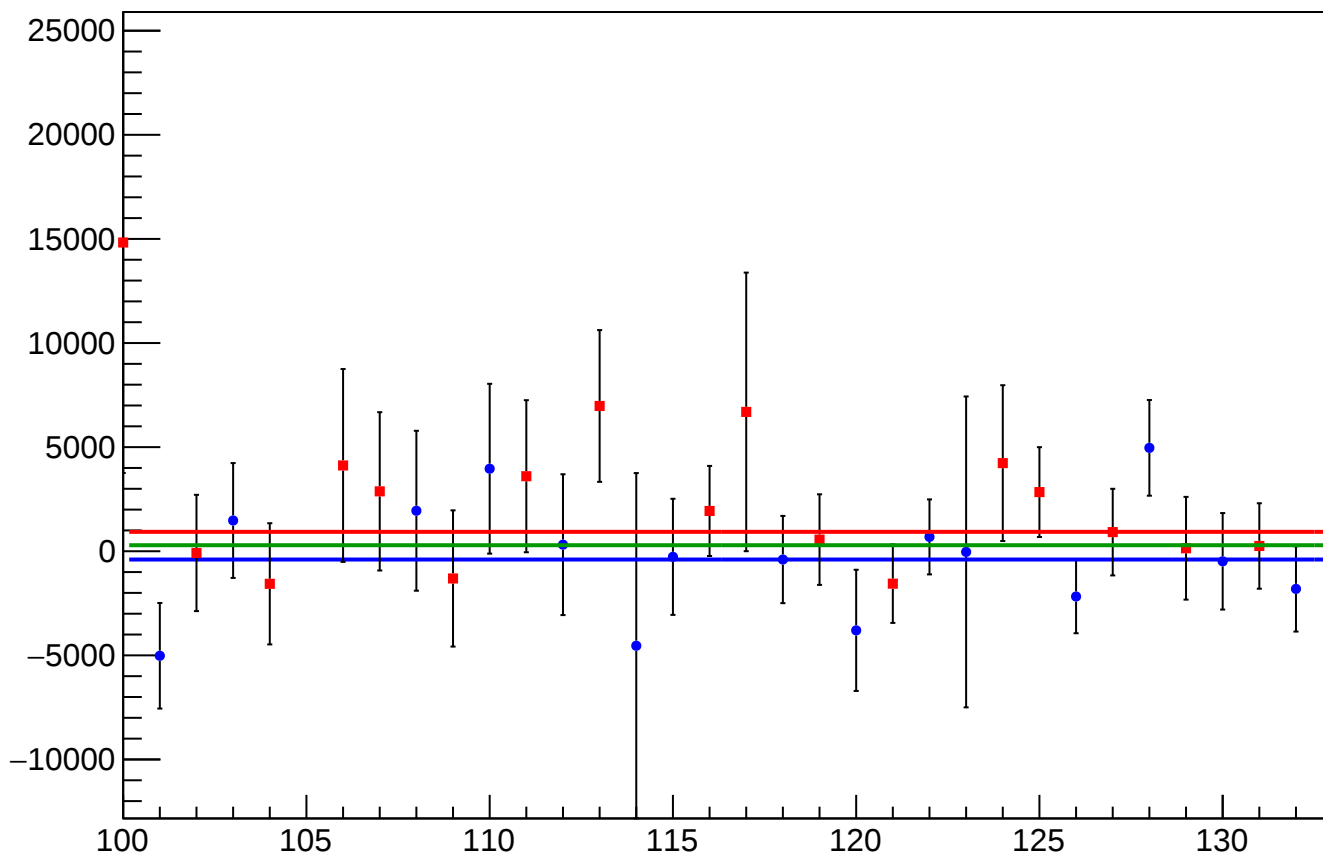
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

130.635 $\pm$ 0.041 χ^2 /NDF: 877417.5/14

132.197 $\pm$ 0.028 χ^2 /NDF: 1987146.4/32

133.636 $\pm$ 0.039 χ^2 /NDF: 1106913.3/17

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: 931.962+/-644.047 χ^2/NDF : 12.2/17

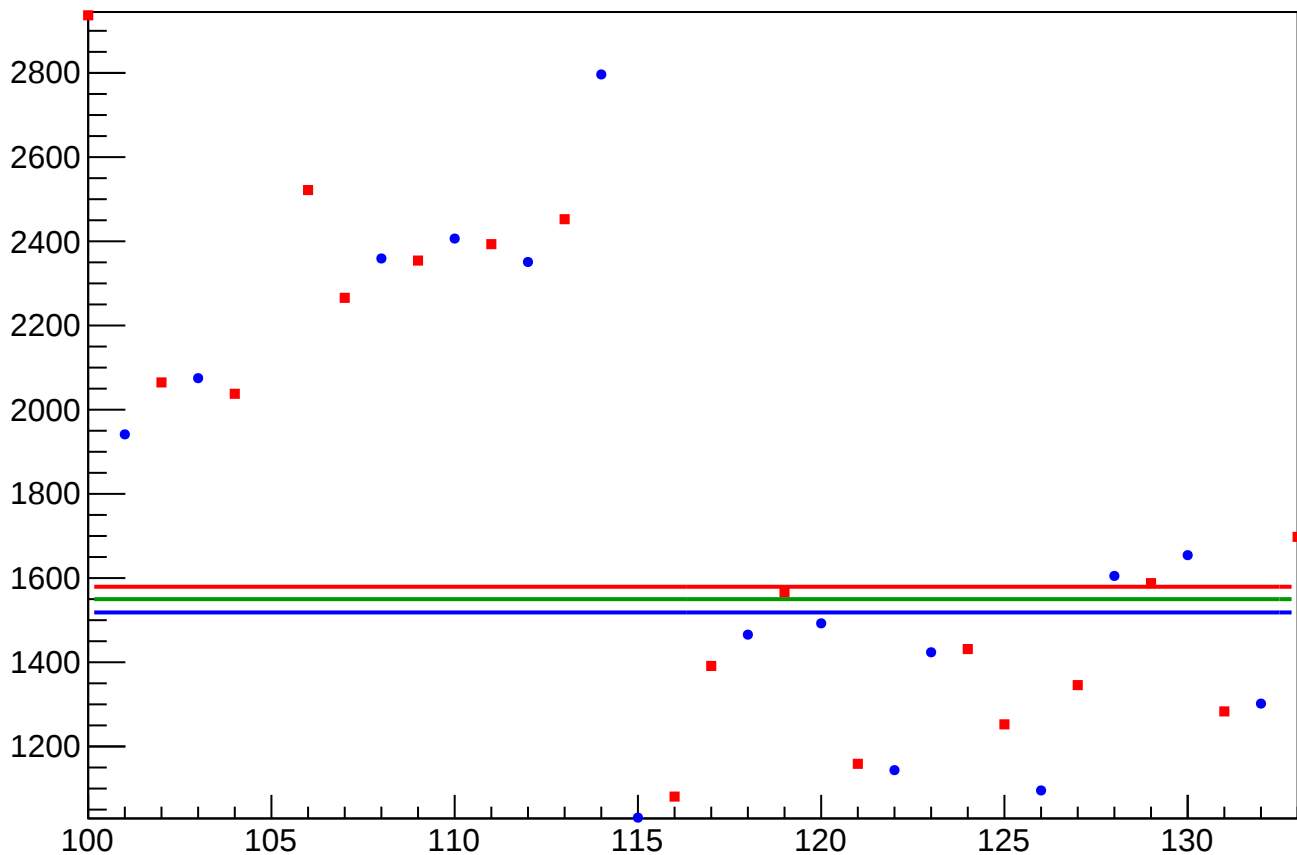
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-397.645+/-666.231 χ^2/NDF : 14.3/14

289.664+/-463.054 χ^2/NDF : 28.5/32

931.962+/-644.047 χ^2/NDF : 12.2/17

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: 1579.399+/-0.455 χ^2/NDF : 942039.9/17

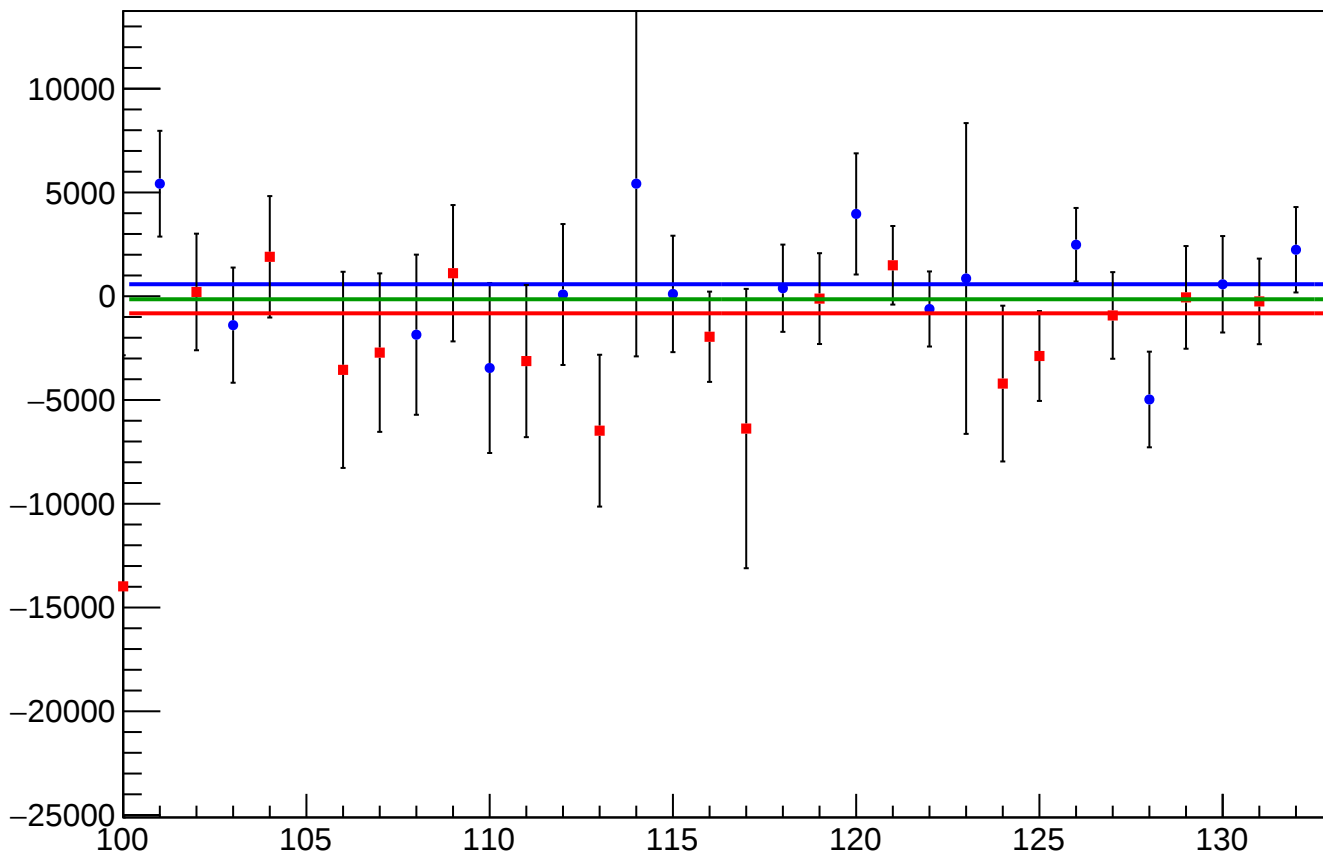
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1518.354+/-0.471 χ^2/NDF : 792934.7/14

1549.910+/-0.327 χ^2/NDF : 1743654.3/32

1579.399+/-0.455 χ^2/NDF : 942039.9/17

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: -823.365+/-647.099 χ^2/NDF : 11.3/17

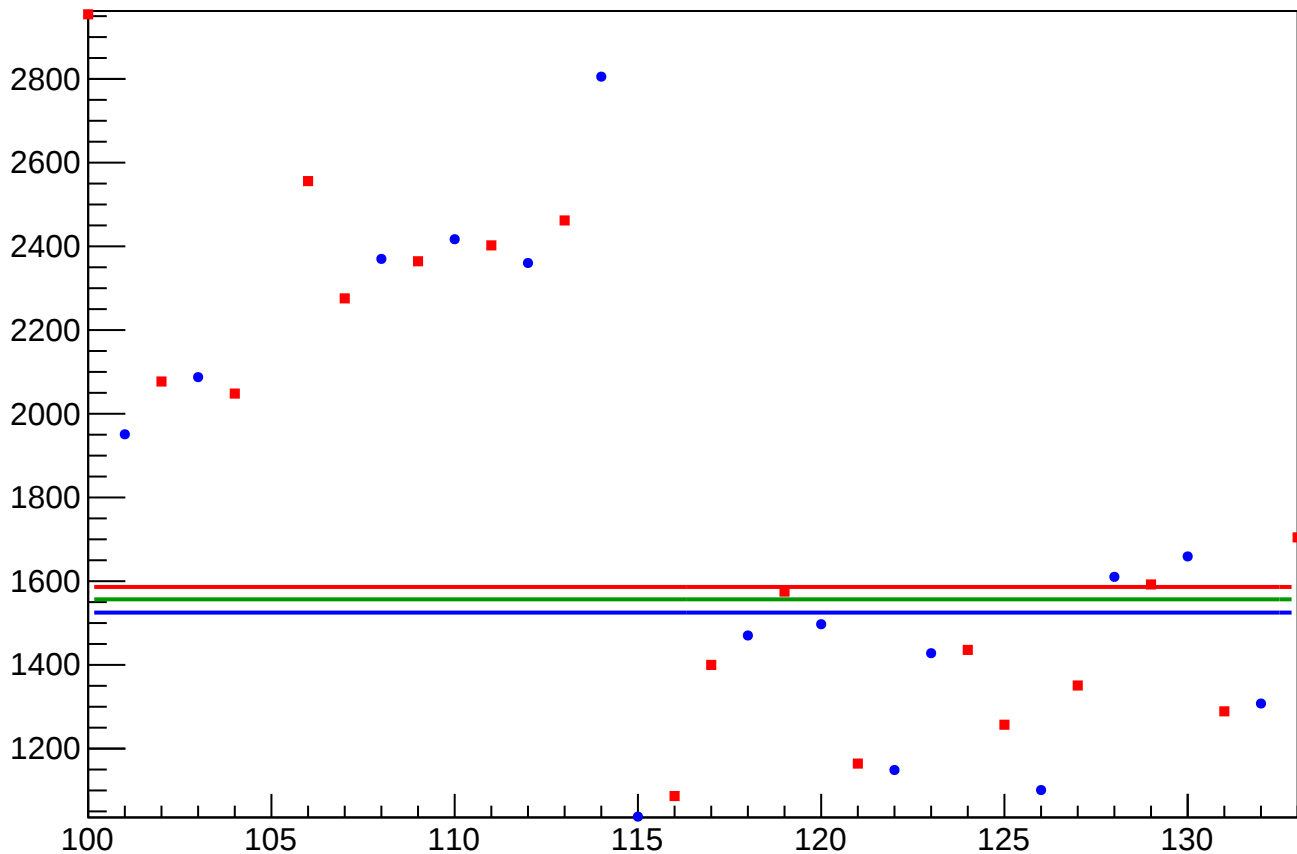
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

578.263+/-669.079 χ^2/NDF : 15.3/14

-145.952+/-465.145 χ^2/NDF : 28.8/32

-823.365+/-647.099 χ^2/NDF : 11.3/17

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: 1586.252+/-0.458 χ^2/NDF : 943495.2/17

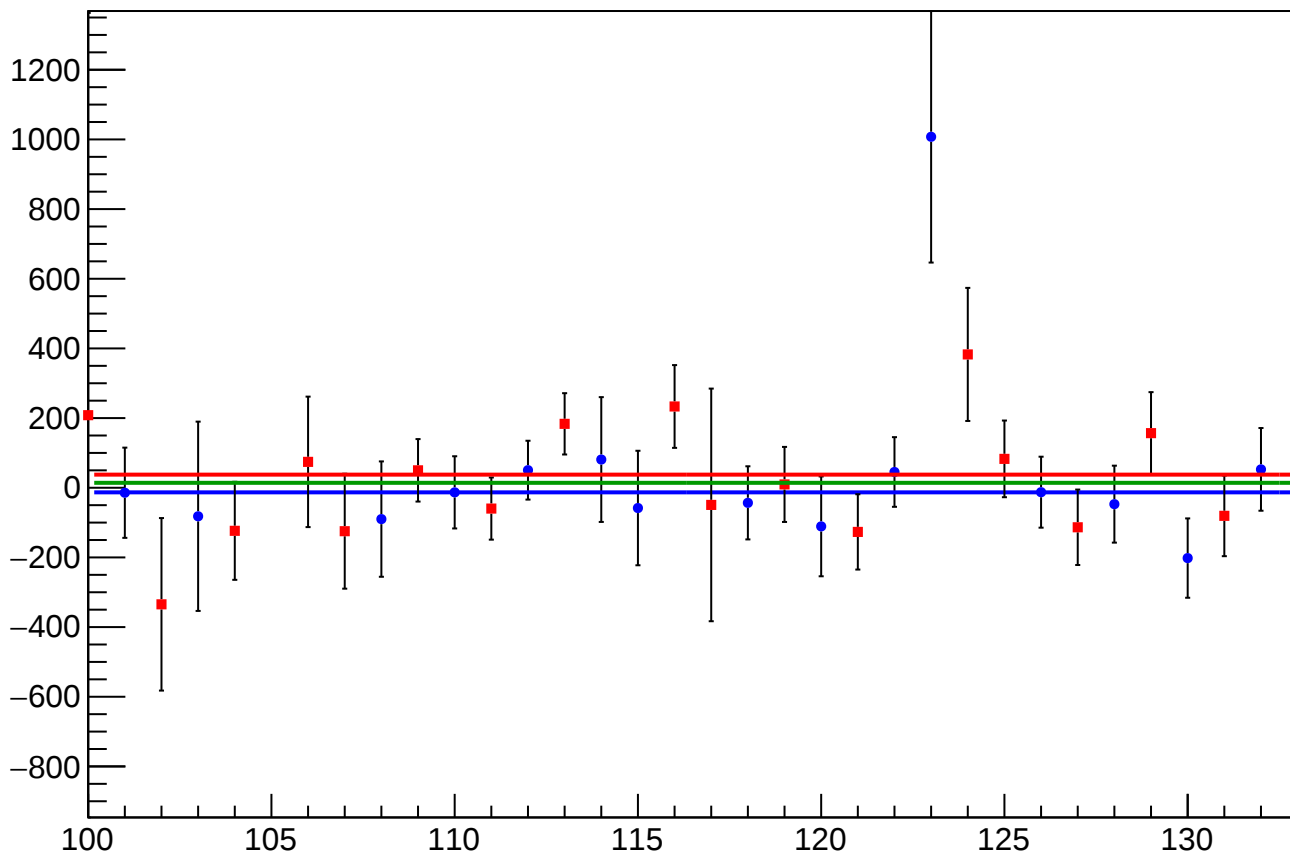
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1524.950+/-0.473 χ^2/NDF : 792130.8/14

1556.624+/-0.329 χ^2/NDF : 1744300.6/32

1586.252+/-0.458 χ^2/NDF : 943495.2/17

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -13.199 ± 31.869 $\chi^2/\text{NDF}: 13.2/14$

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

Right Out: 37.674 ± 29.530 $\chi^2/\text{NDF}: 26.0/17$

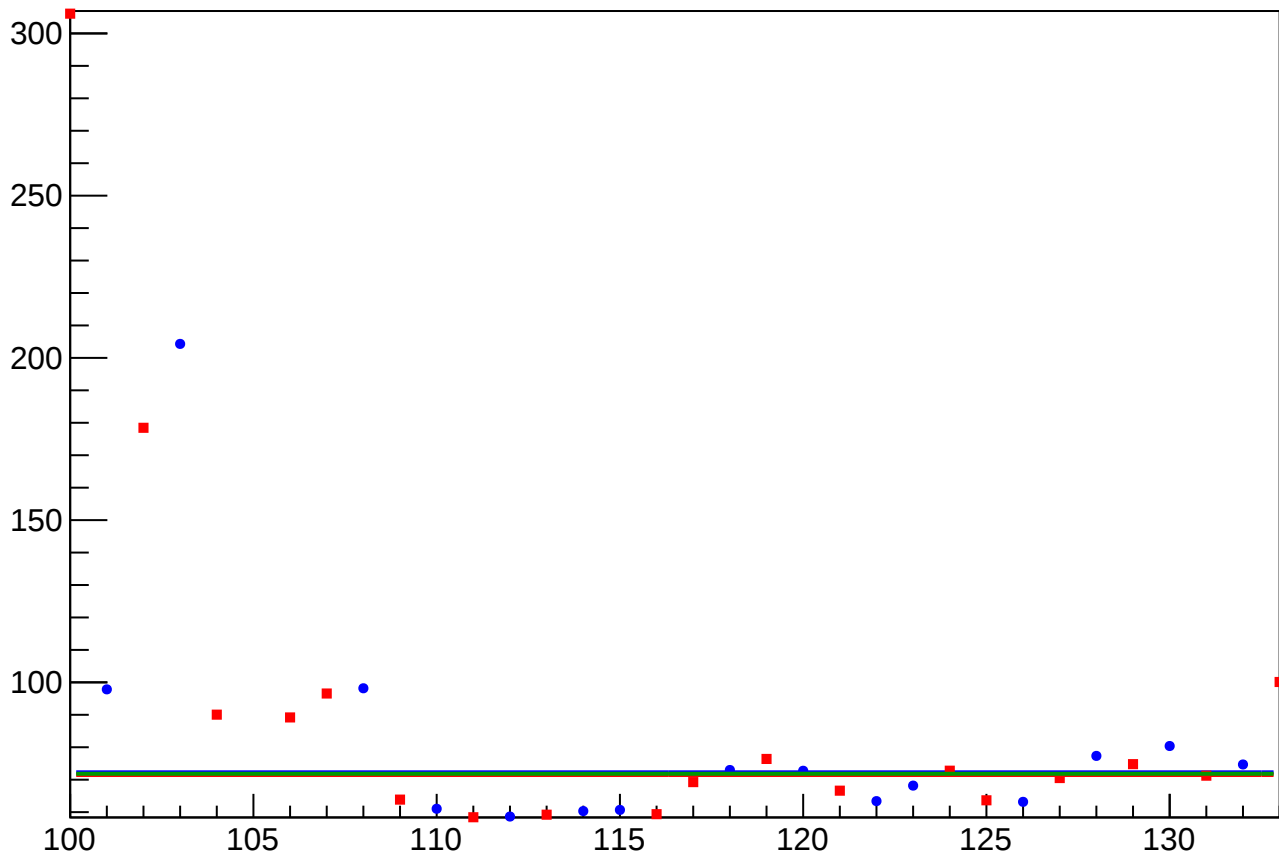
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-13.199 ± 31.869 $\chi^2/\text{NDF}: 13.2/14$

14.173 ± 21.661 $\chi^2/\text{NDF}: 40.6/32$

37.674 ± 29.530 $\chi^2/\text{NDF}: 26.0/17$

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: 71.443+/-0.021 χ^2 /NDF: 759772.4/17

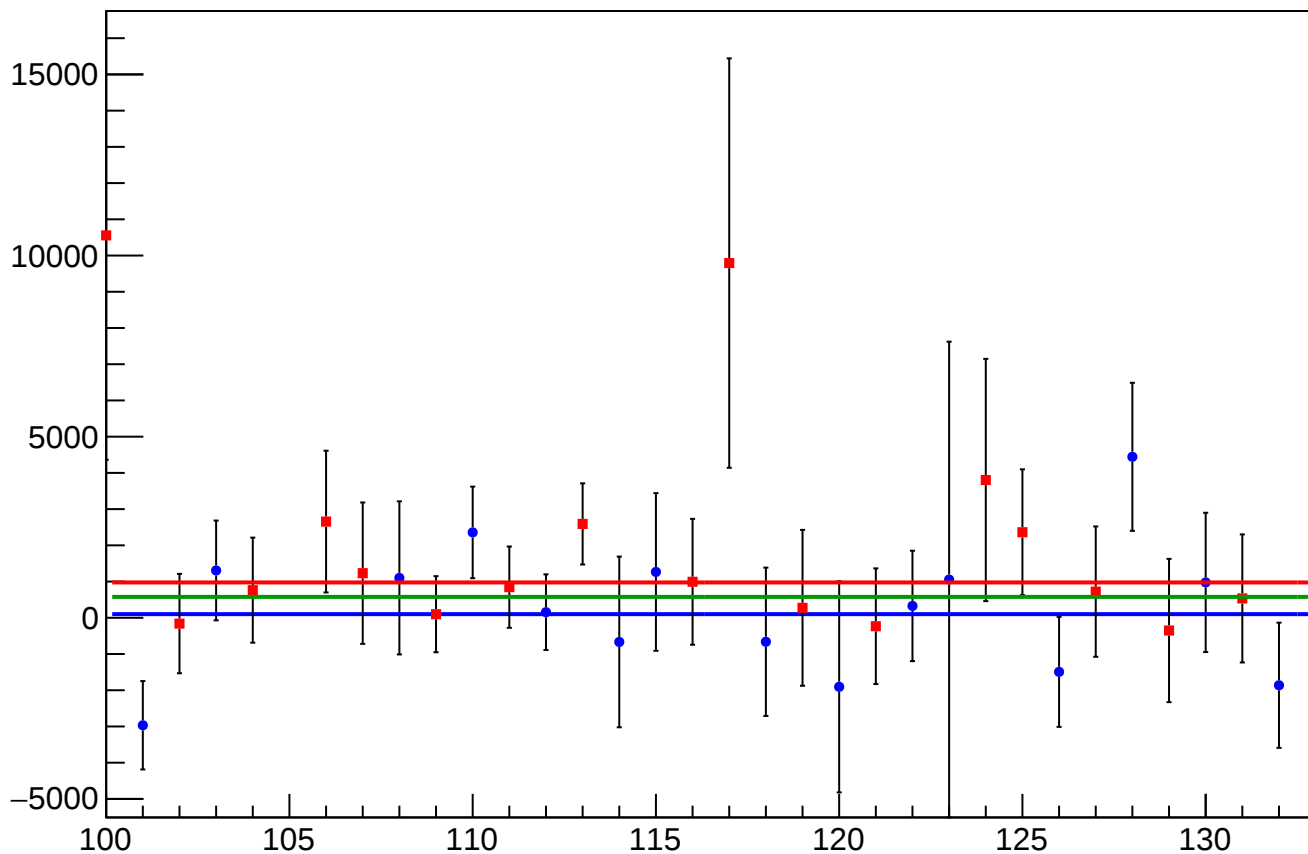
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

72.277+/-0.023 χ^2 /NDF: 740854.6/14

71.828+/-0.015 χ^2 /NDF: 1501365.1/32

71.443+/-0.021 χ^2 /NDF: 759772.4/17

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: 976.158 $\pm$ 392.002 χ^2 /NDF: 12.0/17

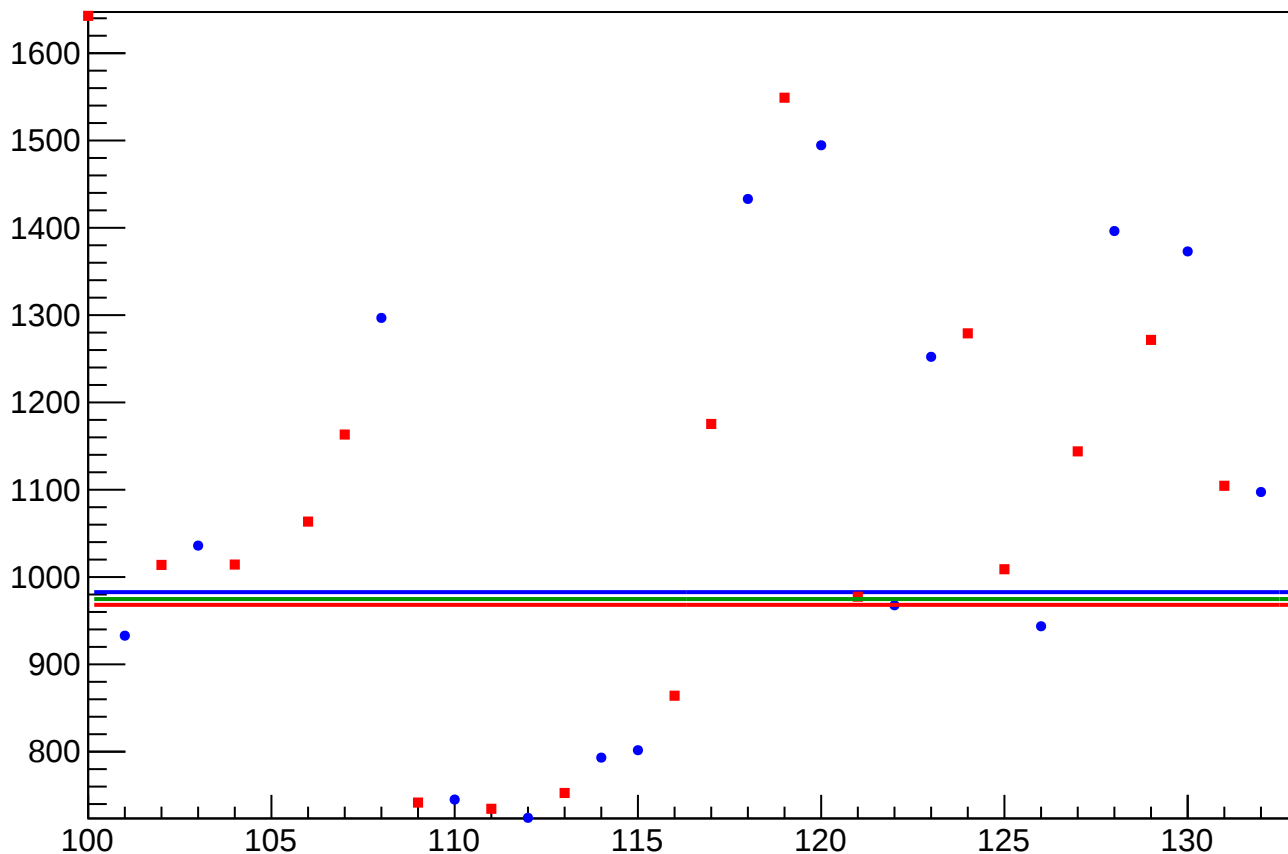
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

100.502 $\pm$ 428.500 χ^2 /NDF: 18.7/14

577.205 $\pm$ 289.231 χ^2 /NDF: 32.9/32

976.158 $\pm$ 392.002 χ^2 /NDF: 12.0/17

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: 968.172+/-0.277 χ^2/NDF : 683538.3/17

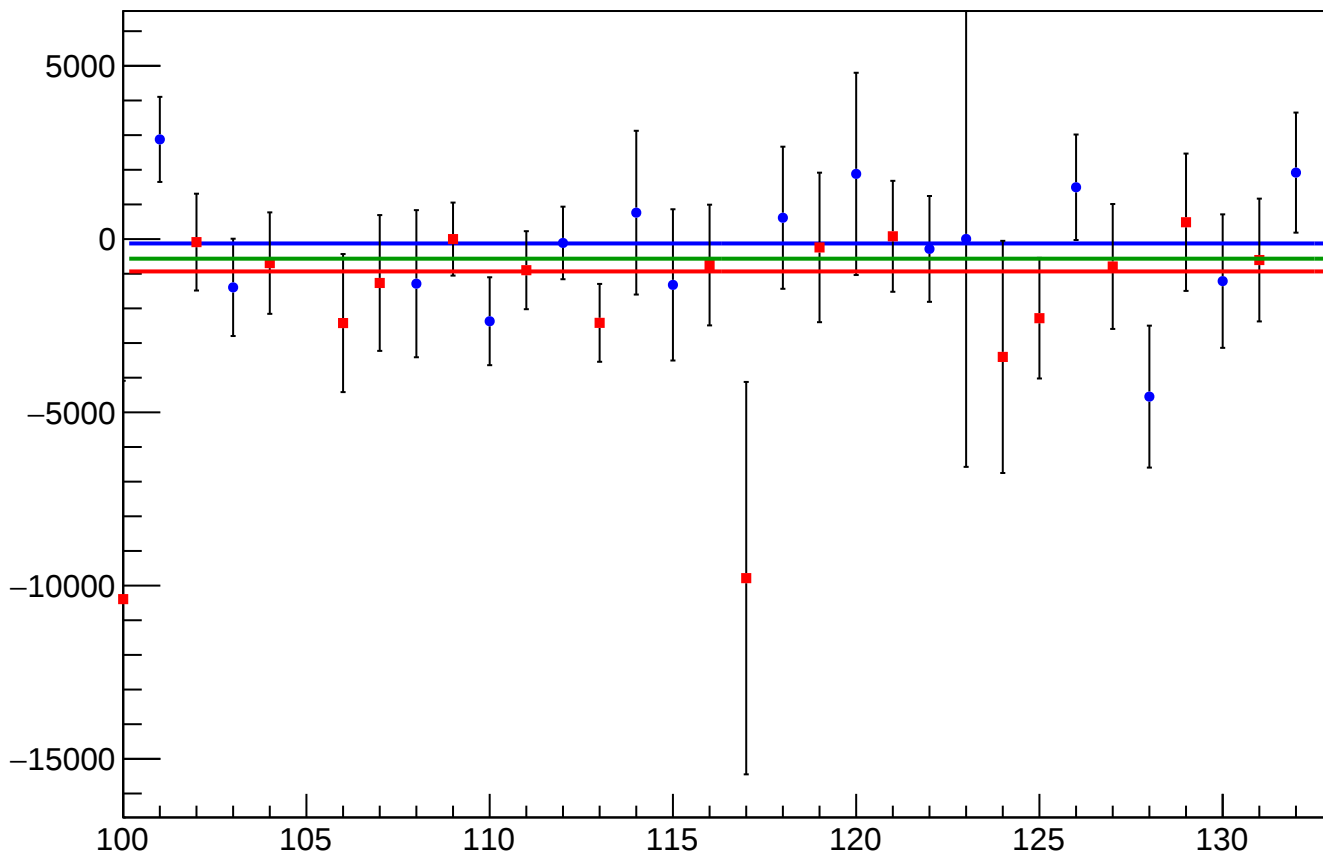
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

982.720+/-0.303 χ^2/NDF : 606982.5/14

974.800+/-0.205 χ^2/NDF : 1291775.7/32

968.172+/-0.277 χ^2/NDF : 683538.3/17

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: -933.469+/-394.073 χ^2 /NDF: 10.9/17

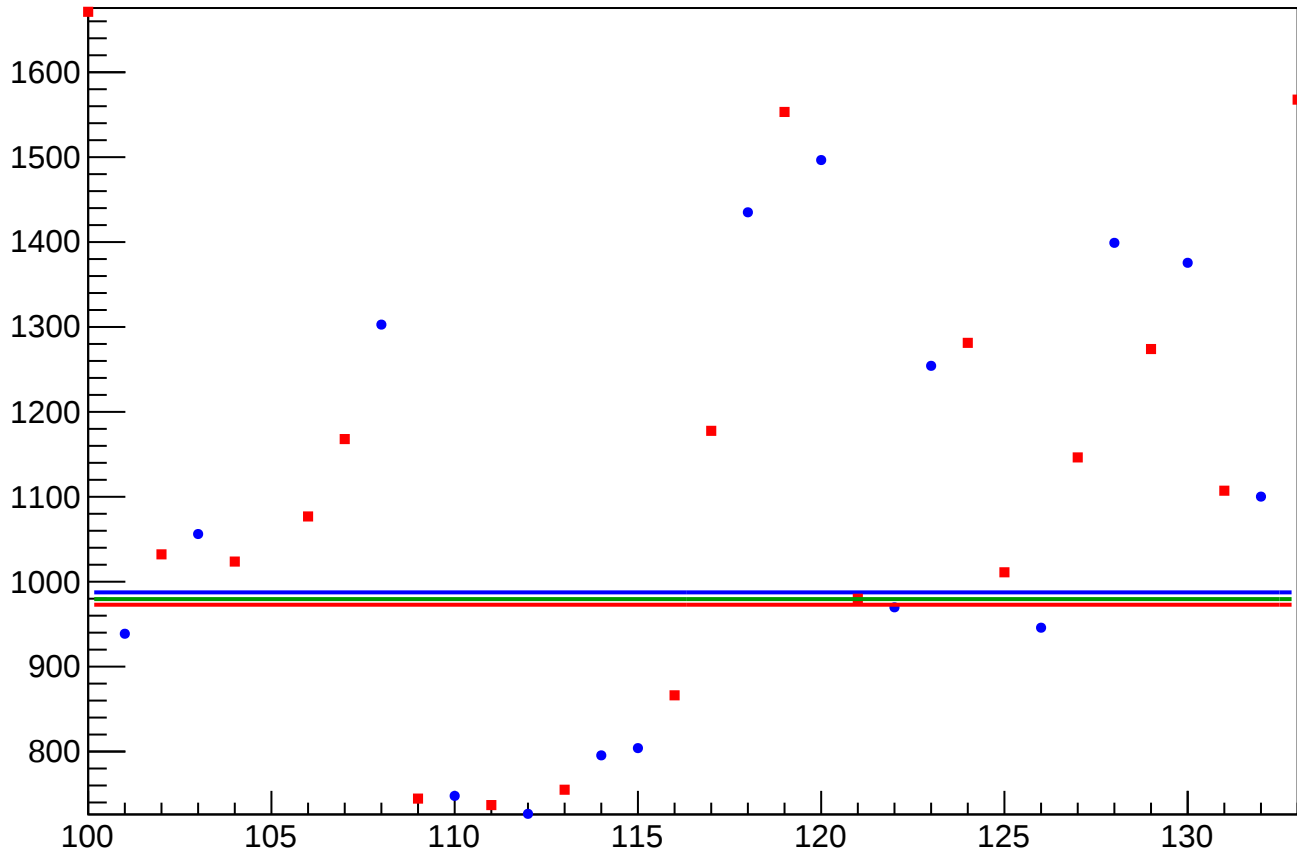
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-125.962+/-430.544 χ^2 /NDF: 18.8/14

-565.360+/-290.692 χ^2 /NDF: 31.6/32

-933.469+/-394.073 χ^2 /NDF: 10.9/17

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 987.442+/-0.304 χ^2/NDF : 606556.1/14

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

Right Out: 972.901+/-0.279 χ^2/NDF : 685707.9/17

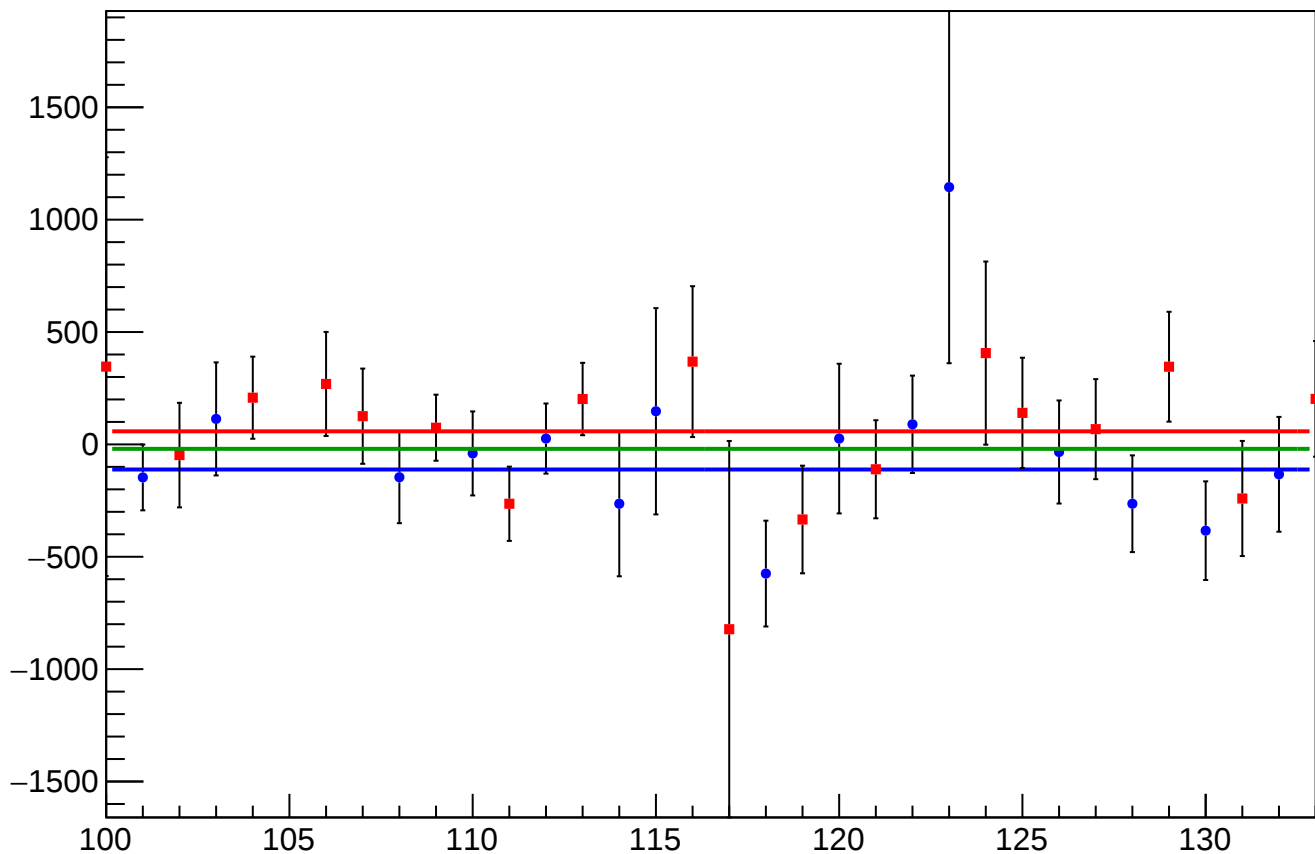
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

987.442+/-0.304 χ^2/NDF : 606556.1/14

979.530+/-0.206 χ^2/NDF : 1293505.2/32

972.901+/-0.279 χ^2/NDF : 685707.9/17

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: 58.125 ± 53.403 χ^2/NDF : 15.7/17

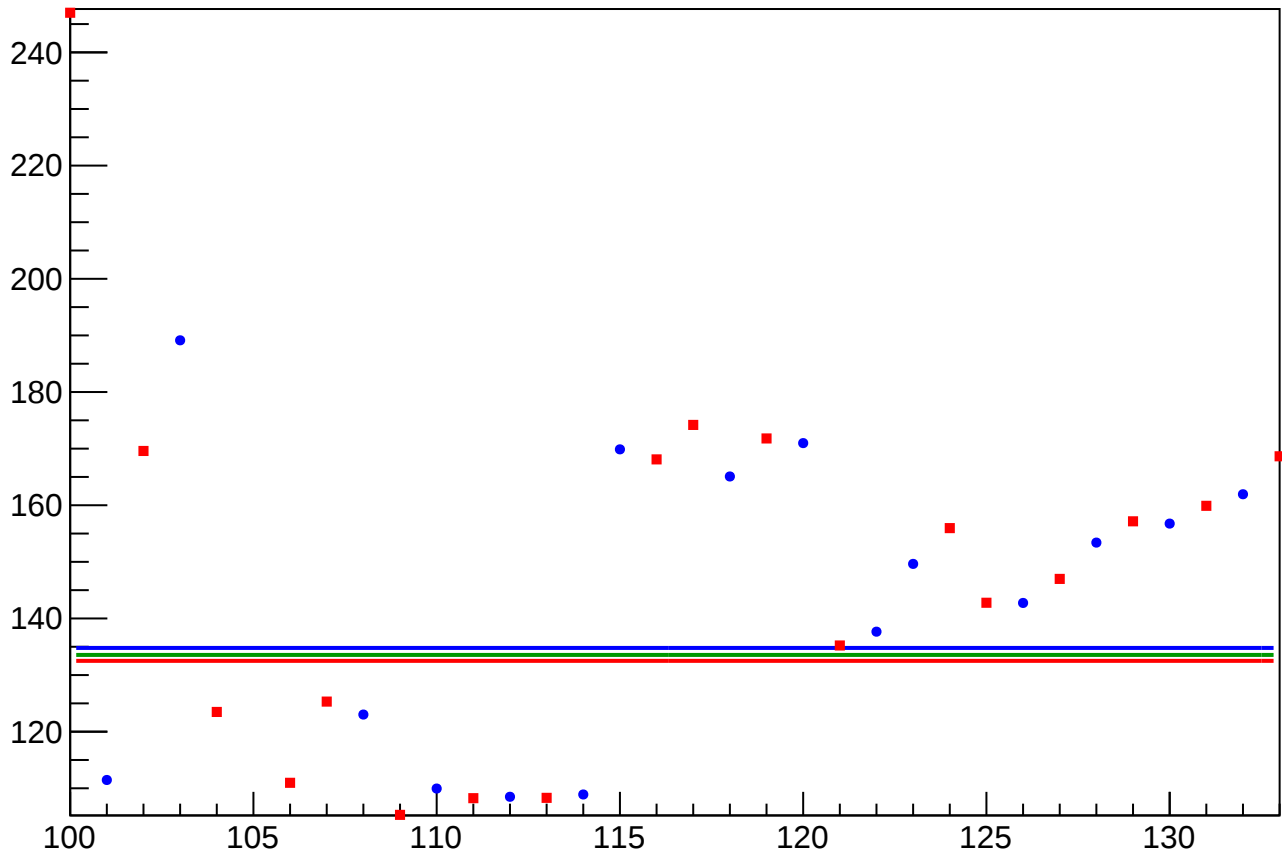
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-111.700 ± 58.023 χ^2/NDF : 12.0/14

-19.758 ± 39.293 χ^2/NDF : 32.3/32

58.125 ± 53.403 χ^2/NDF : 15.7/17

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.795+/-0.041 χ^2/NDF : 385089.9/14

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

Right Out: 132.512+/-0.038 χ^2/NDF : 445113.7/17

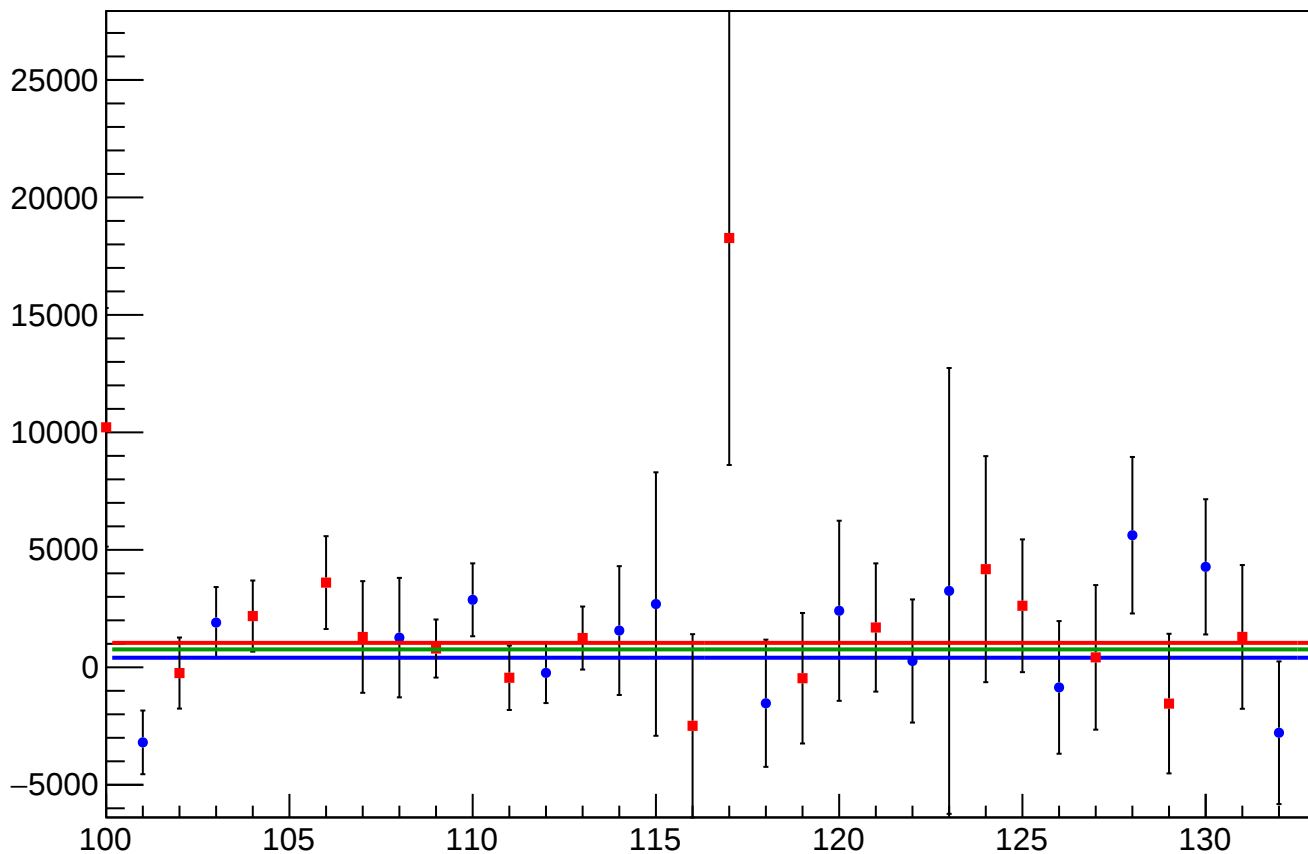
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.795+/-0.041 χ^2/NDF : 385089.9/14

133.559+/-0.028 χ^2/NDF : 831879.9/32

132.512+/-0.038 χ^2/NDF : 445113.7/17

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: 1041.285+/-500.259 χ^2/NDF : 13.4/17

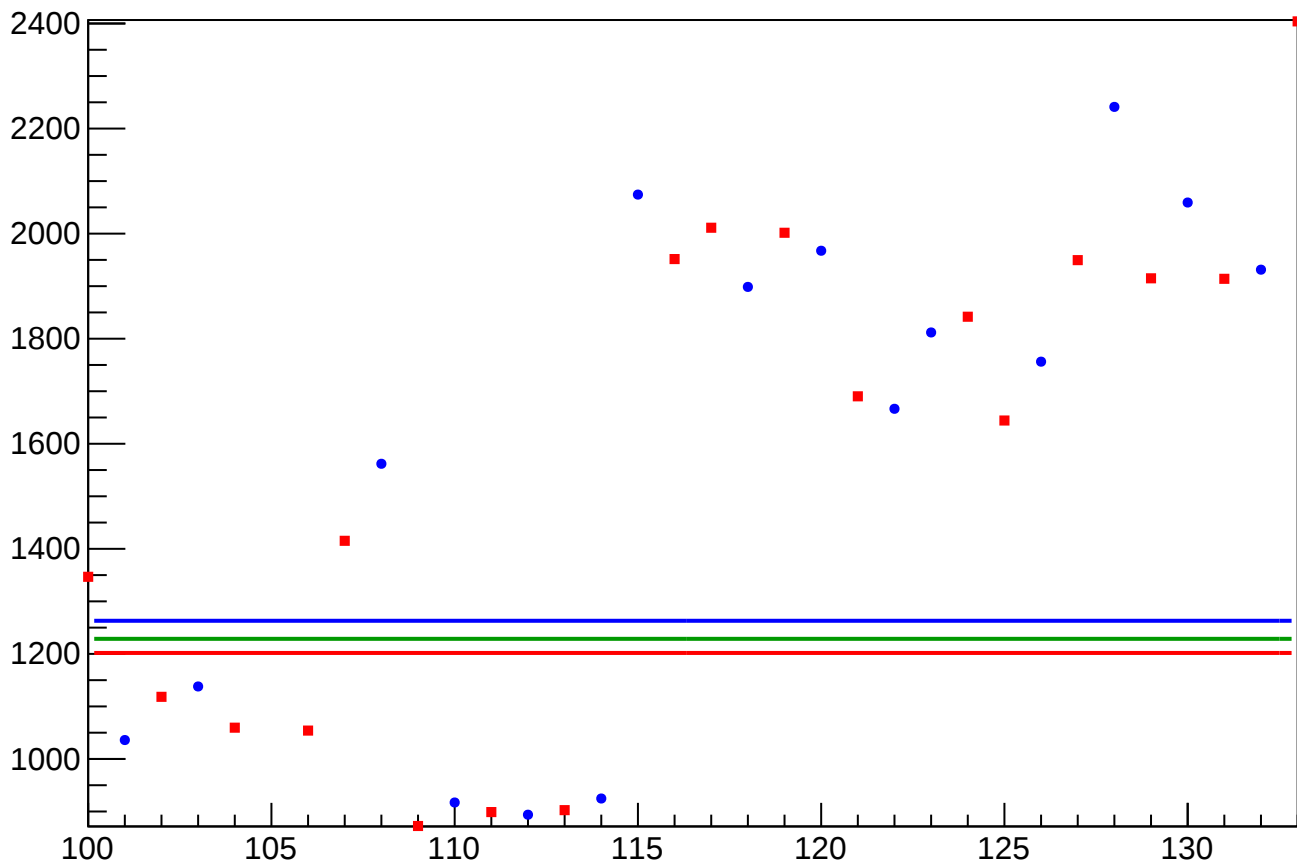
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

408.186+/-565.470 χ^2/NDF : 17.7/14

763.330+/-374.681 χ^2/NDF : 31.8/32

1041.285+/-500.259 χ^2/NDF : 13.4/17

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: 1201.793+/-0.354 χ^2/NDF : 1351137.8/17

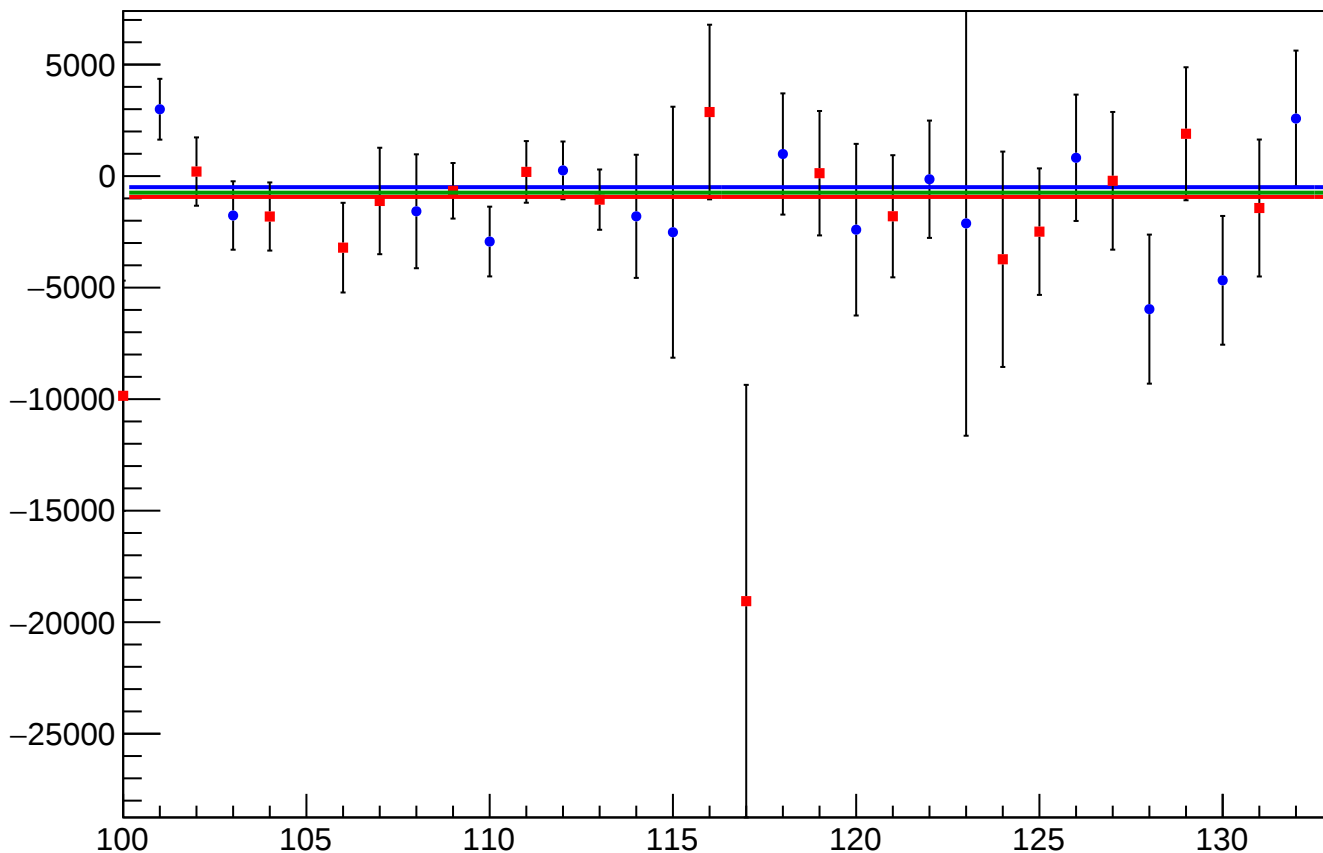
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1263.040+/-0.400 χ^2/NDF : 1149541.3/14

1228.683+/-0.265 χ^2/NDF : 2513840.8/32

1201.793+/-0.354 χ^2/NDF : 1351137.8/17

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: -934.383+/-504.209 χ^2 /NDF: 12.2/17

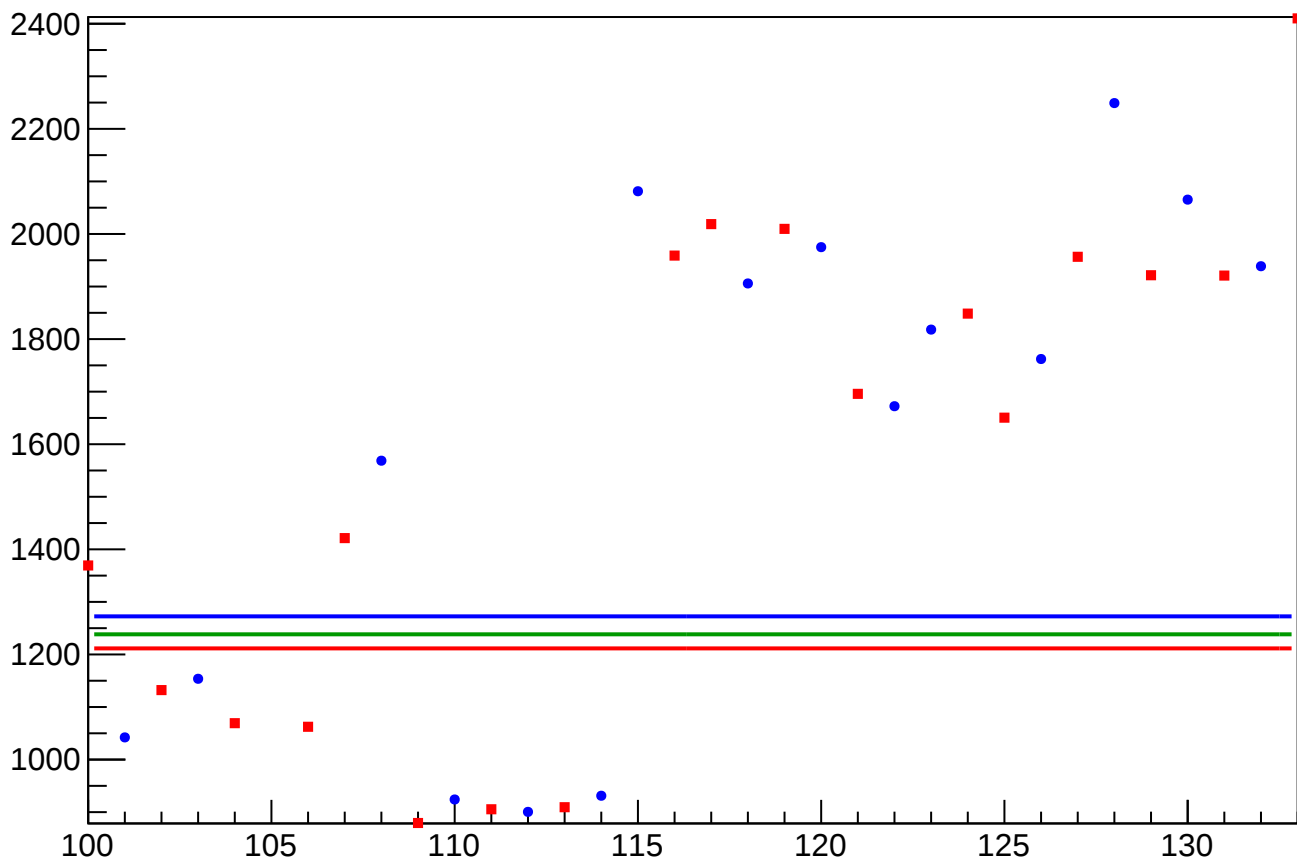
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-496.217+/-569.327 χ^2 /NDF: 17.2/14

-741.781+/-377.462 χ^2 /NDF: 29.7/32

-934.383+/-504.209 χ^2 /NDF: 12.2/17

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: 1211.520+/-0.357 χ^2/NDF : 1336873.9/17

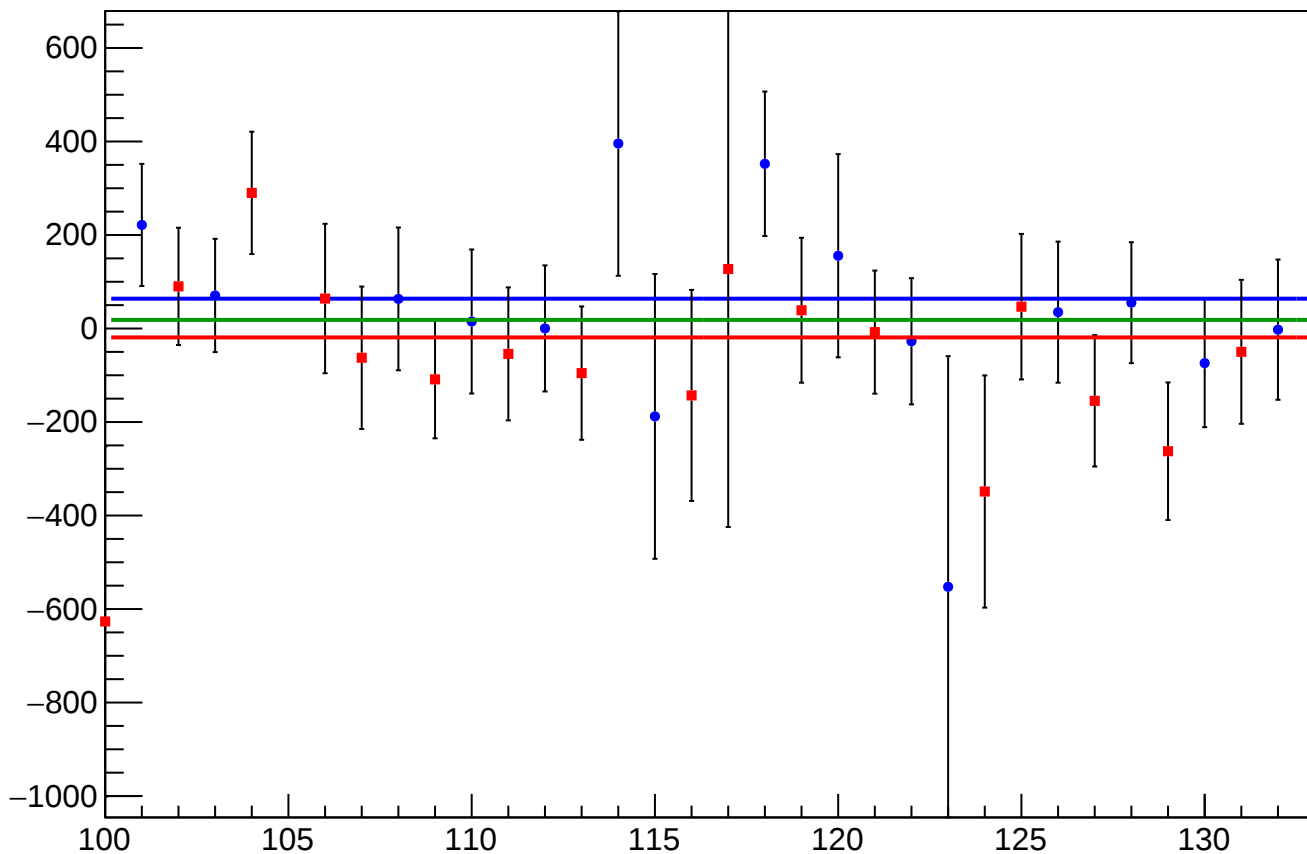
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1272.481+/-0.403 χ^2/NDF : 1137471.1/14

1238.316+/-0.267 χ^2/NDF : 2487195.9/32

1211.520+/-0.357 χ^2/NDF : 1336873.9/17

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: -19.040 $\pm$ 36.686 χ^2 /NDF: 18.3/17

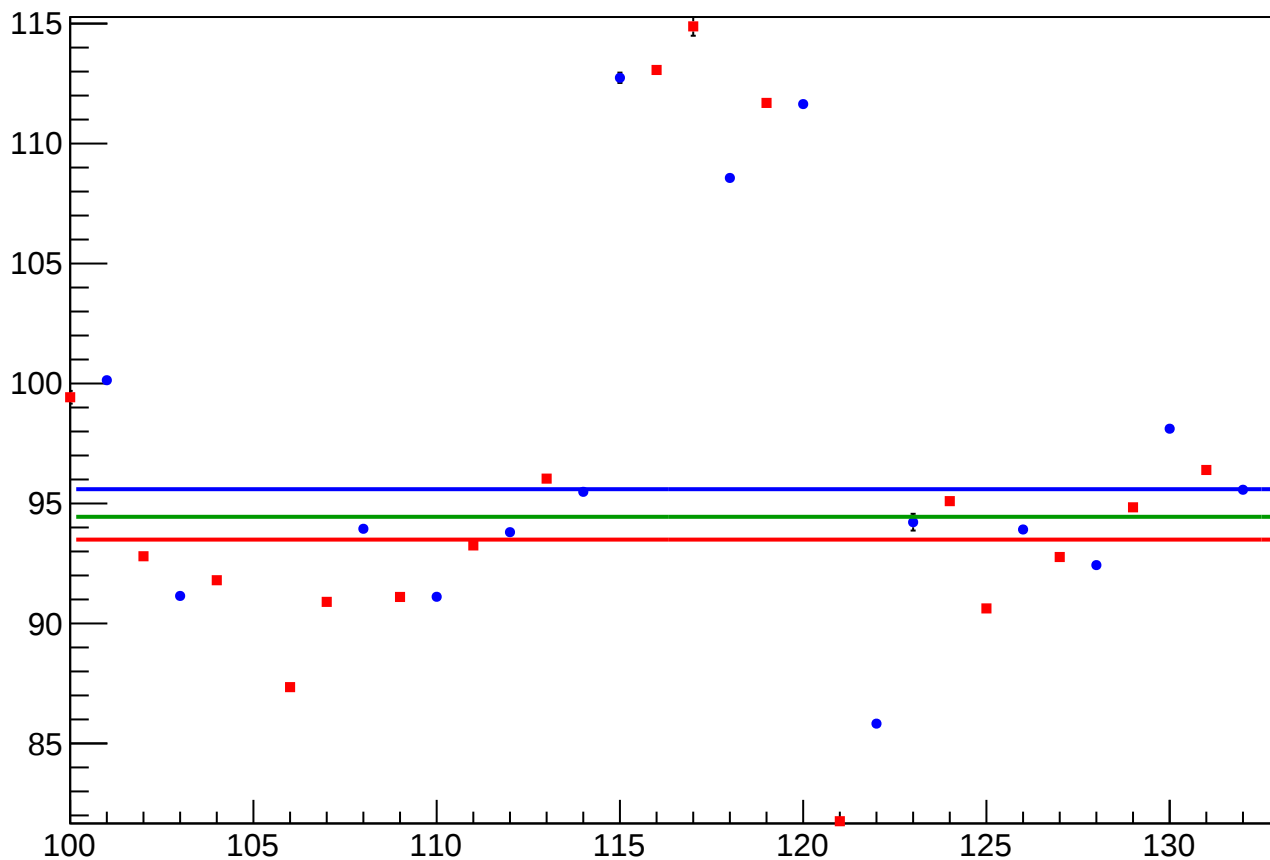
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

63.814 $\pm$ 40.371 χ^2 /NDF: 10.8/14

18.434 $\pm$ 27.150 χ^2 /NDF: 31.4/32

-19.040 $\pm$ 36.686 χ^2 /NDF: 18.3/17

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: 93.495+/-0.026 χ^2/NDF : 69381.0/17

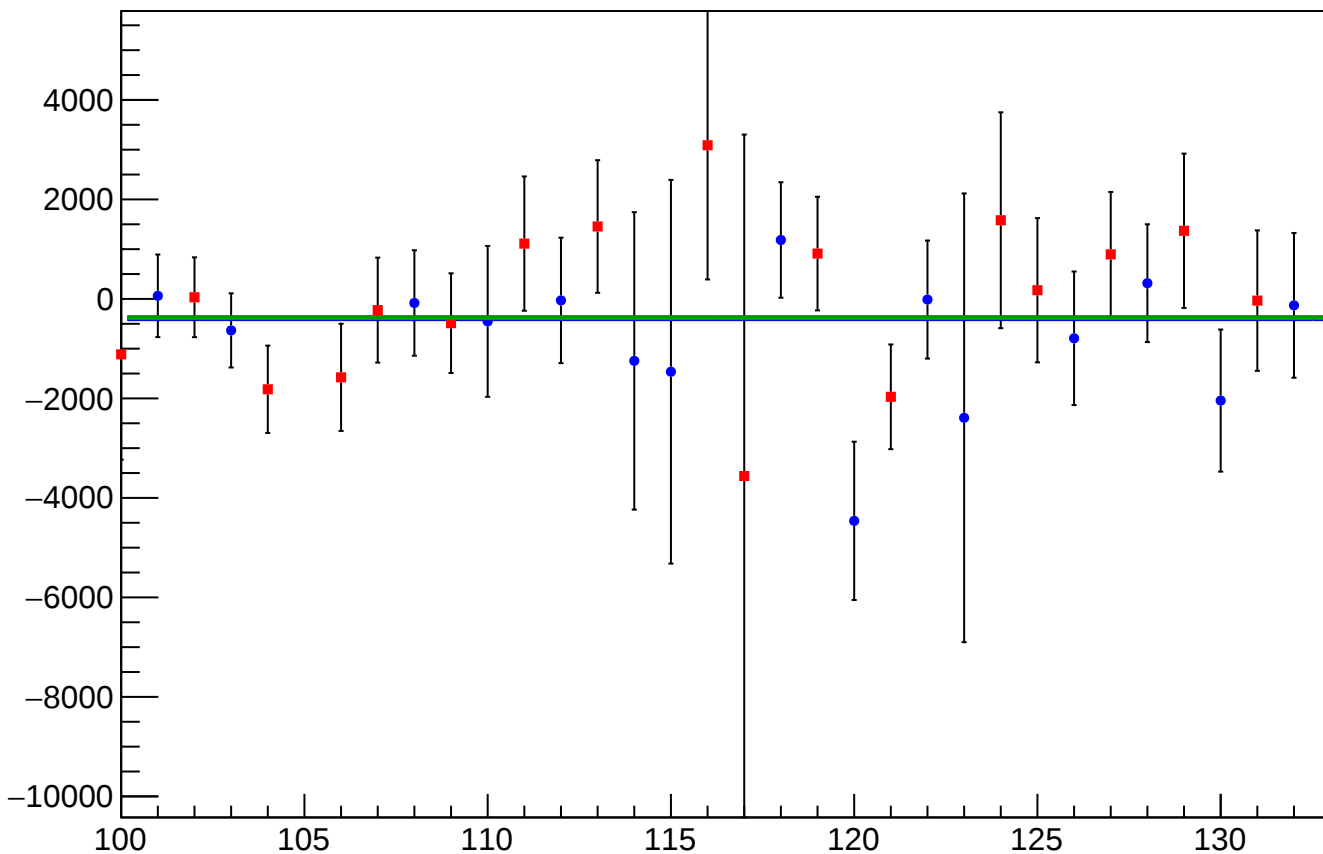
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.596+/-0.029 χ^2/NDF : 51346.0/14

94.445+/-0.019 χ^2/NDF : 123693.3/32

93.495+/-0.026 χ^2/NDF : 69381.0/17

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: -366.567+/-285.669 χ^2/NDF : 18.4/17

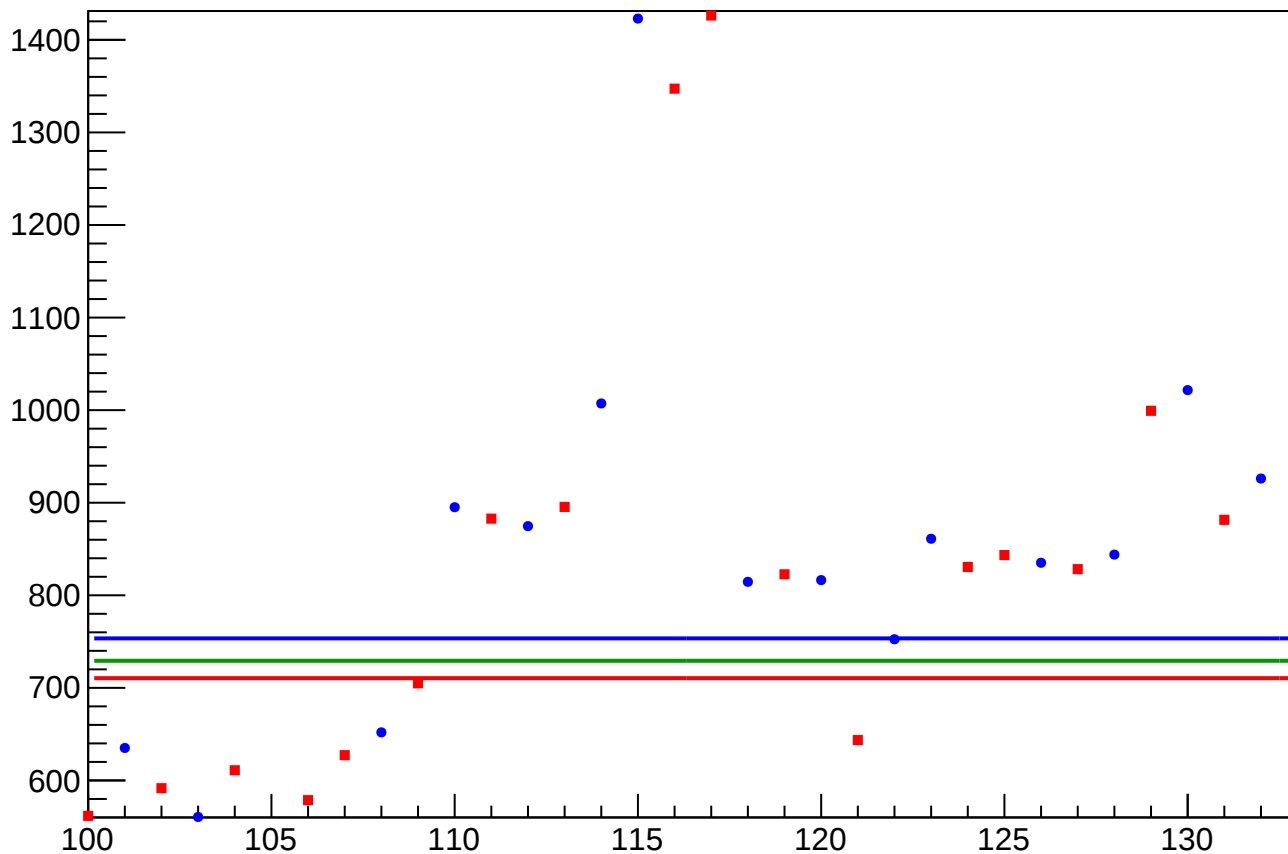
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-406.024+/-324.254 χ^2/NDF : 11.2/14

-383.810+/-214.349 χ^2/NDF : 29.6/32

-366.567+/-285.669 χ^2/NDF : 18.4/17

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: 710.501+/-0.202 χ^2/NDF : 531603.7/17

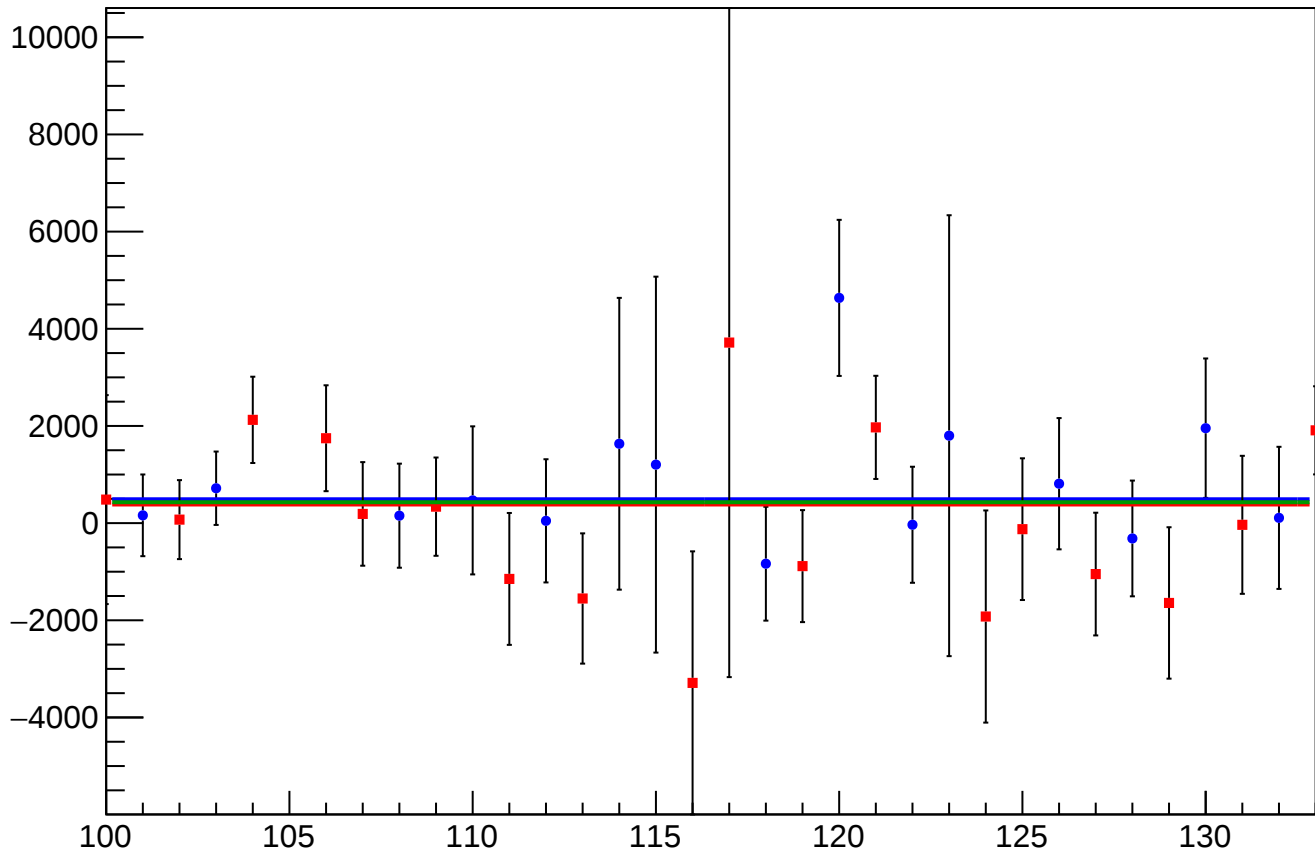
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

753.440+/-0.229 χ^2/NDF : 431244.2/14

729.265+/-0.152 χ^2/NDF : 982593.5/32

710.501+/-0.202 χ^2/NDF : 531603.7/17

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 490.848+/-327.174 χ^2/NDF : 10.5/14

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

Right Out: 383.466+/-288.401 χ^2/NDF : 21.6/17

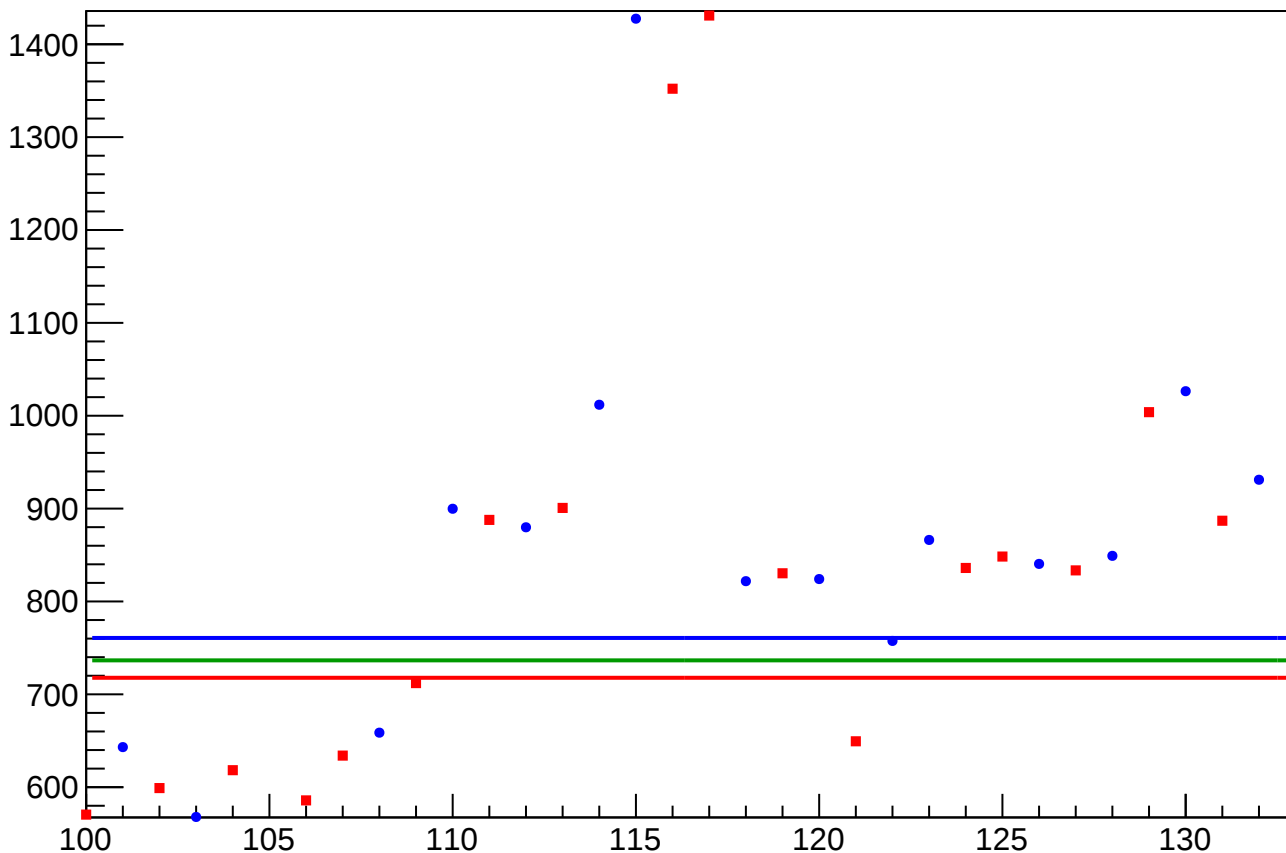
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

490.848+/-327.174 χ^2/NDF : 10.5/14

430.420+/-216.346 χ^2/NDF : 32.2/32

383.466+/-288.401 χ^2/NDF : 21.6/17

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: 717.812+/-0.204 χ^2/NDF : 518423.6/17

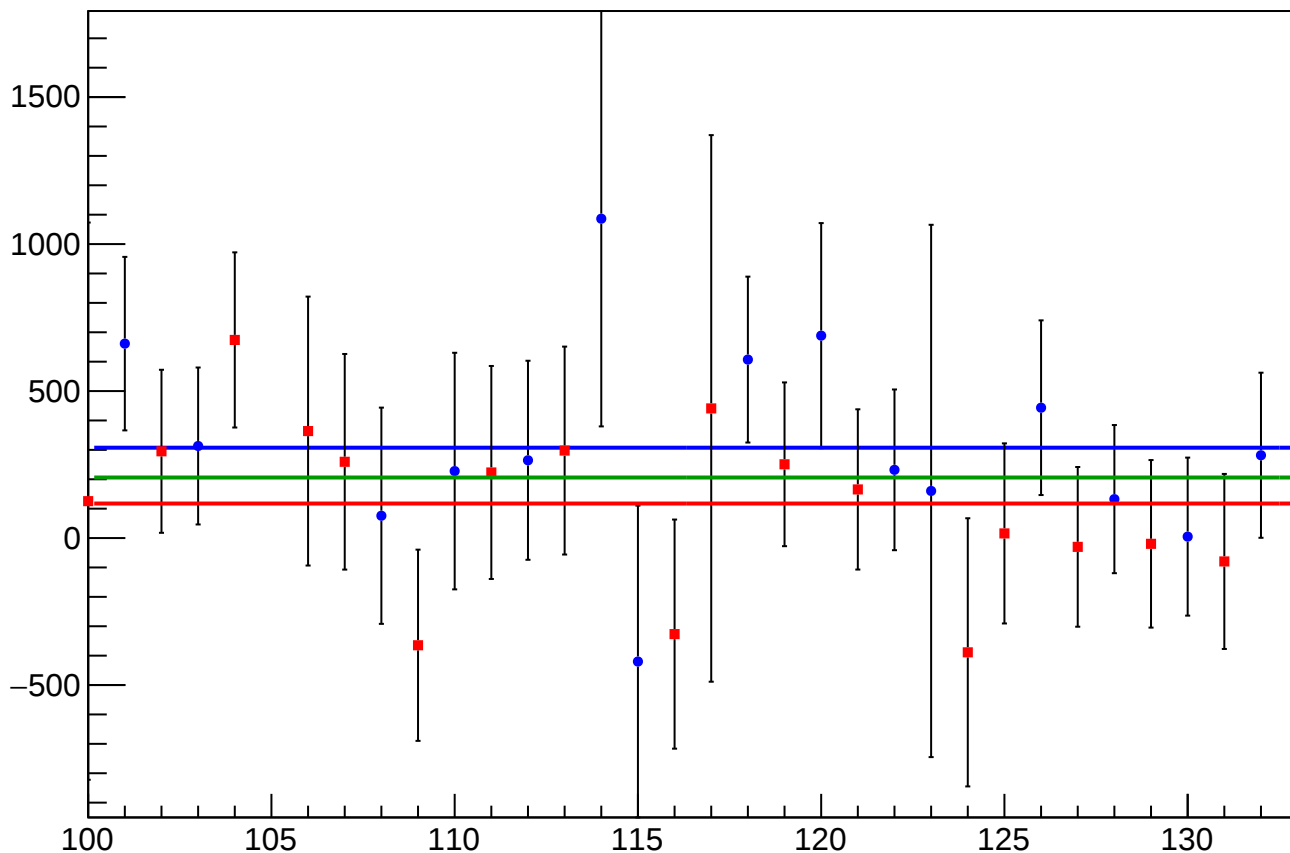
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

760.706+/-0.231 χ^2/NDF : 418678.5/14

736.568+/-0.153 χ^2/NDF : 956447.3/32

717.812+/-0.204 χ^2/NDF : 518423.6/17

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: 117.458 $\pm$ 78.716 χ^2 /NDF: 11.0/17

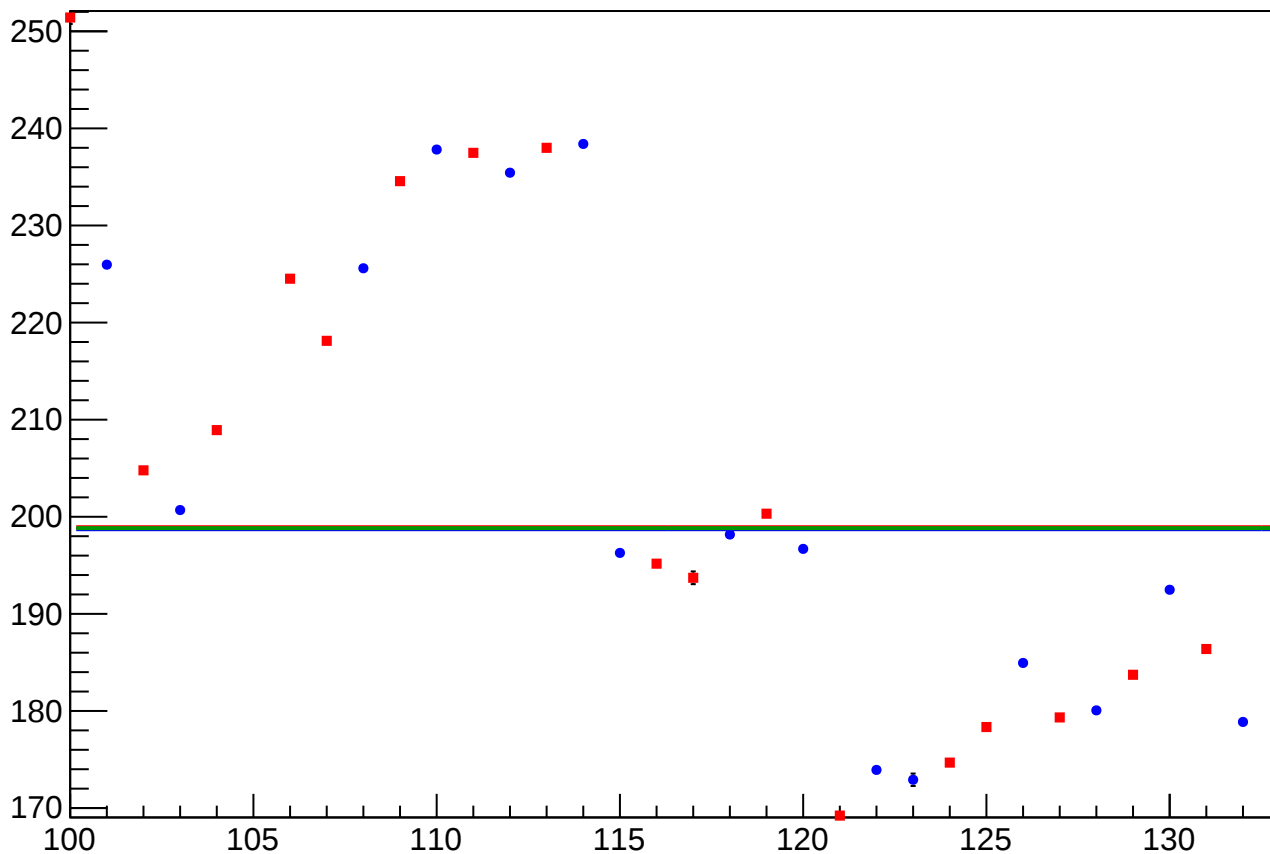
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

307.365 $\pm$ 84.227 χ^2 /NDF: 9.2/14

205.995 $\pm$ 57.510 χ^2 /NDF: 22.9/32

117.458 $\pm$ 78.716 χ^2 /NDF: 11.0/17

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: 198.925+/-0.056 χ^2/NDF : 152599.6/17

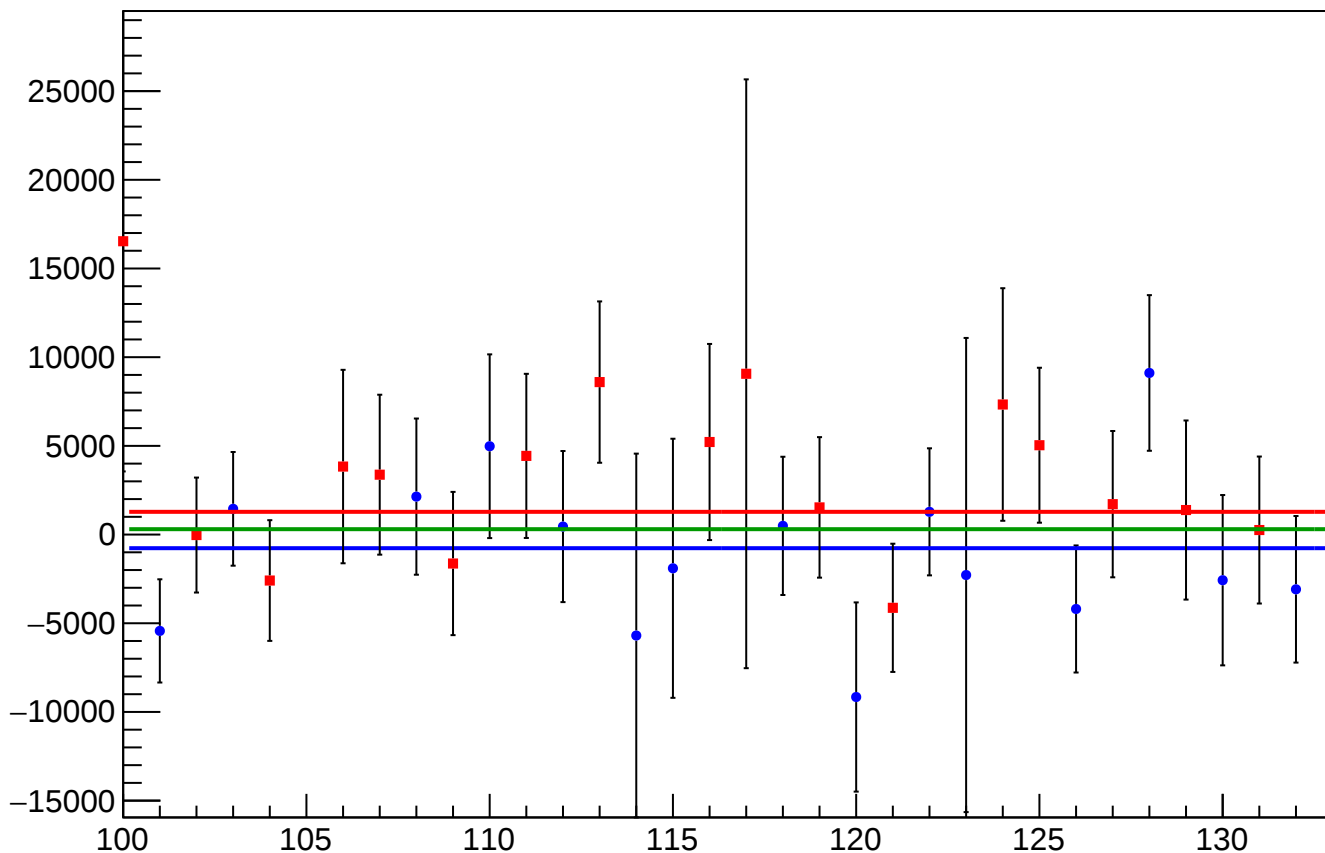
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.720+/-0.060 χ^2/NDF : 121073.1/14

198.830+/-0.041 χ^2/NDF : 273679.0/32

198.925+/-0.056 χ^2/NDF : 152599.6/17

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: 1281.909+/-1065.686 χ^2/NDF : 12.4/17

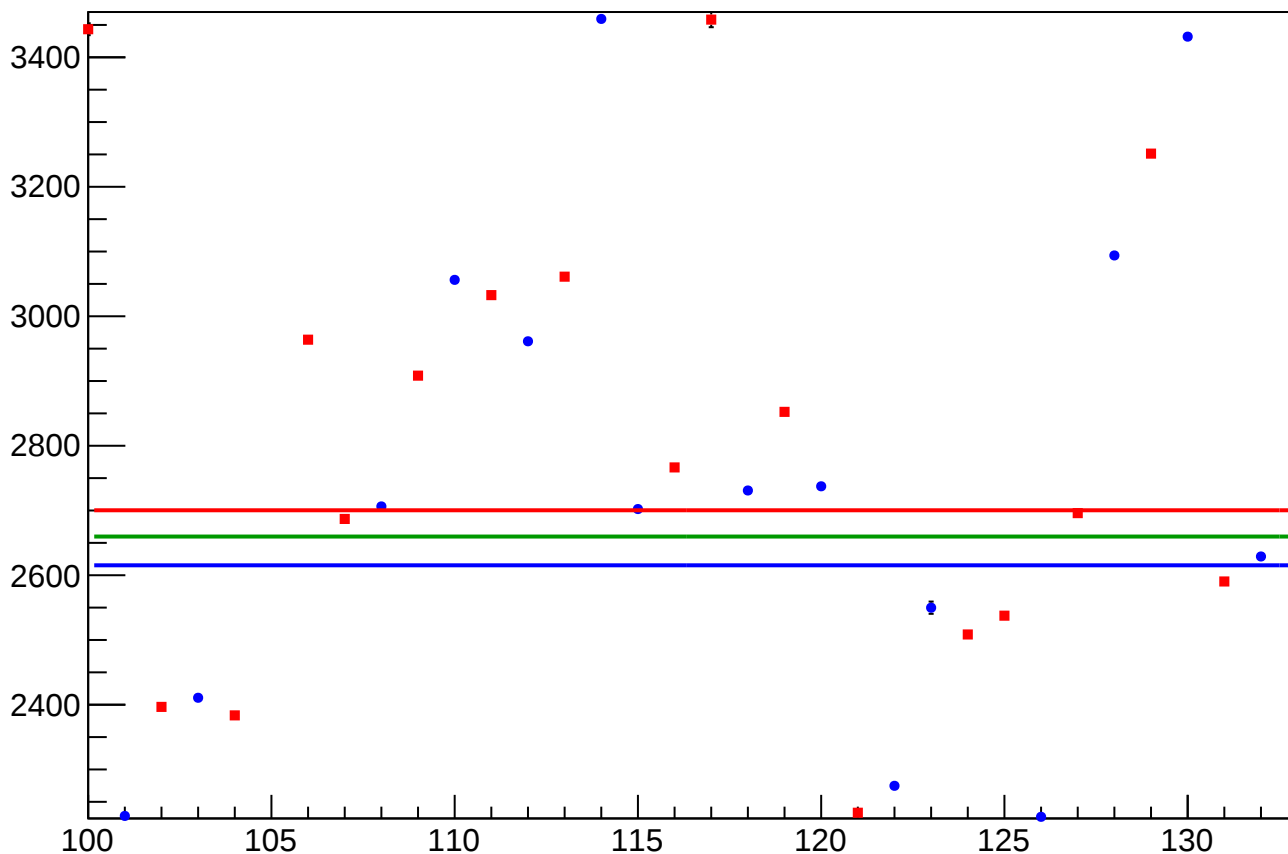
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-768.119+/-1115.140 χ^2/NDF : 14.4/14

303.359+/-770.444 χ^2/NDF : 28.6/32

1281.909+/-1065.686 χ^2/NDF : 12.4/17

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: 2700.338+/-0.754 χ^2/NDF : 157916.1/17

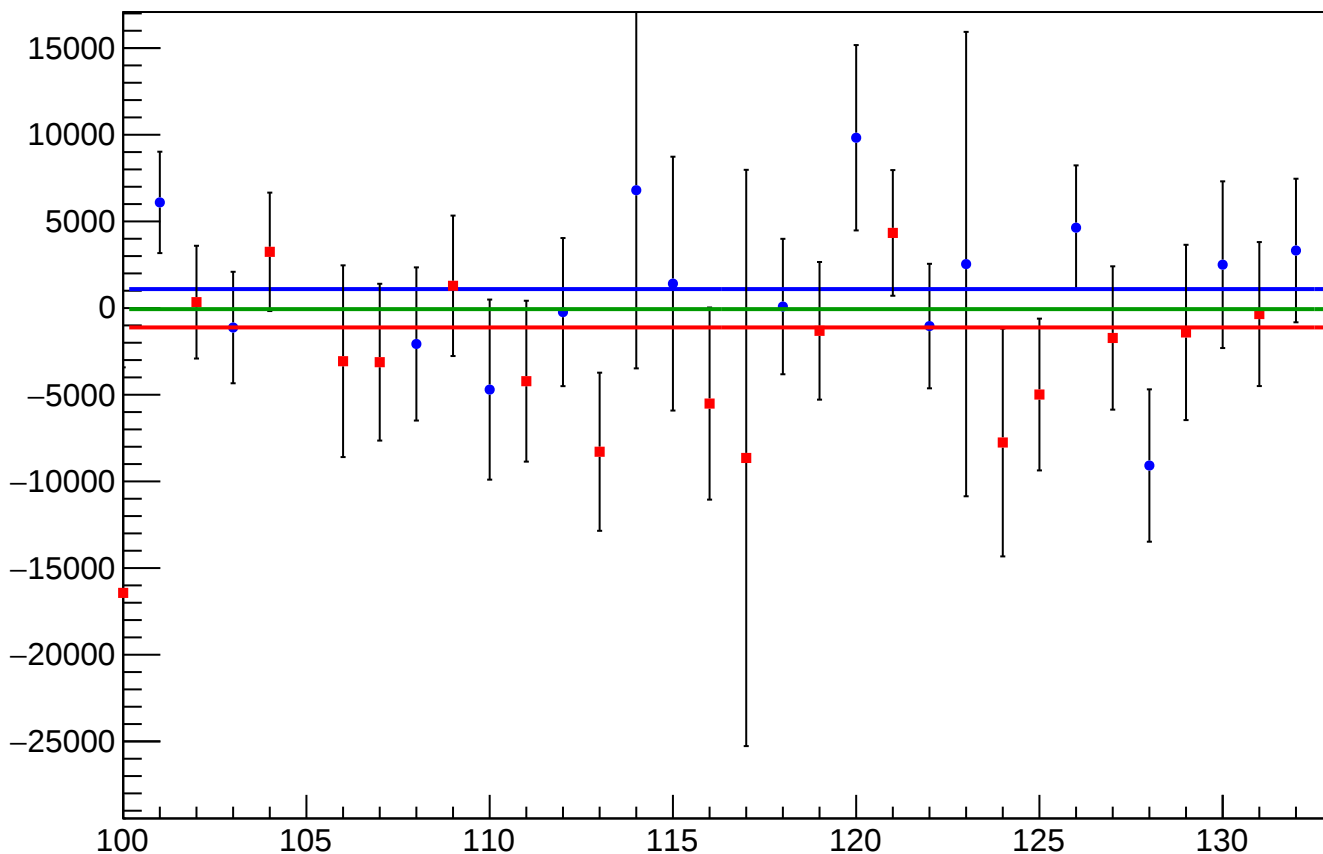
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2615.339+/-0.789 χ^2/NDF : 212071.8/14

2659.765+/-0.545 χ^2/NDF : 376061.1/32

2700.338+/-0.754 χ^2/NDF : 157916.1/17

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: -1116.401+/-1069.257 χ^2/NDF : 12.7/17

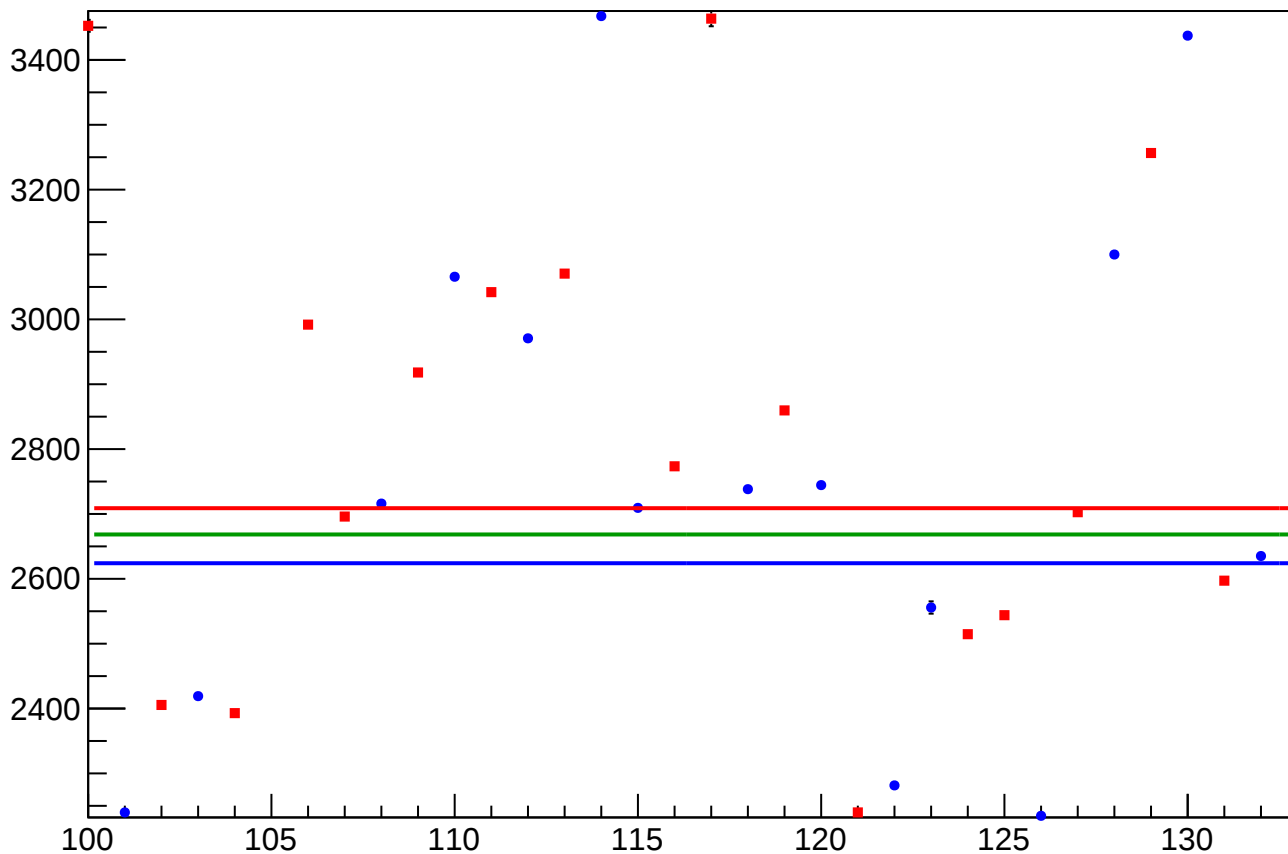
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1095.793+/-1118.720 χ^2/NDF : 15.4/14

-60.289+/-772.974 χ^2/NDF : 30.2/32

-1116.401+/-1069.257 χ^2/NDF : 12.7/17

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: 2708.890+/-0.756 χ^2 /NDF: 157555.9/17

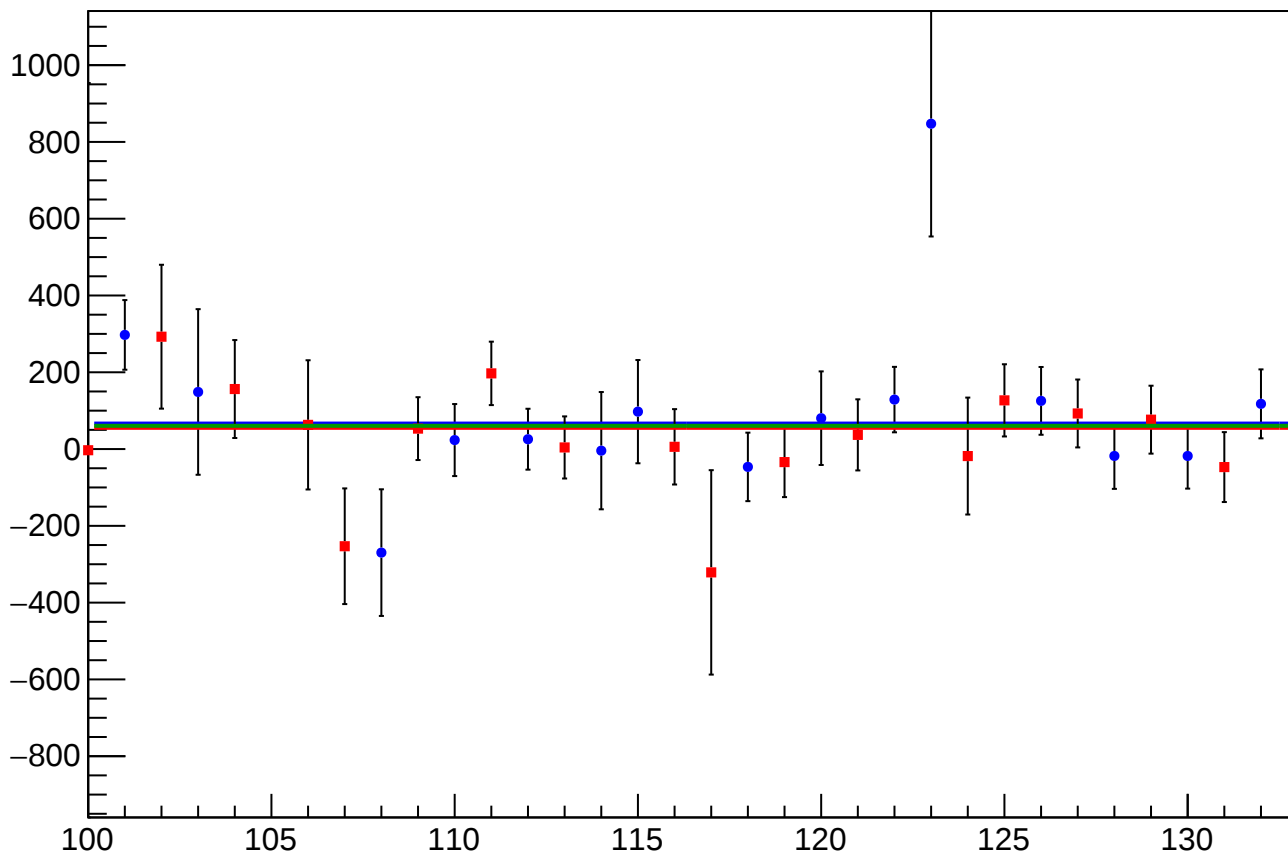
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2624.040+/-0.791 χ^2 /NDF: 209979.0/14

2668.382+/-0.547 χ^2 /NDF: 373547.4/32

2708.890+/-0.756 χ^2 /NDF: 157555.9/17

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 66.402+/-26.541 χ^2/NDF : 23.5/14

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

Right Out: 55.320+/-25.166 χ^2/NDF : 17.0/17

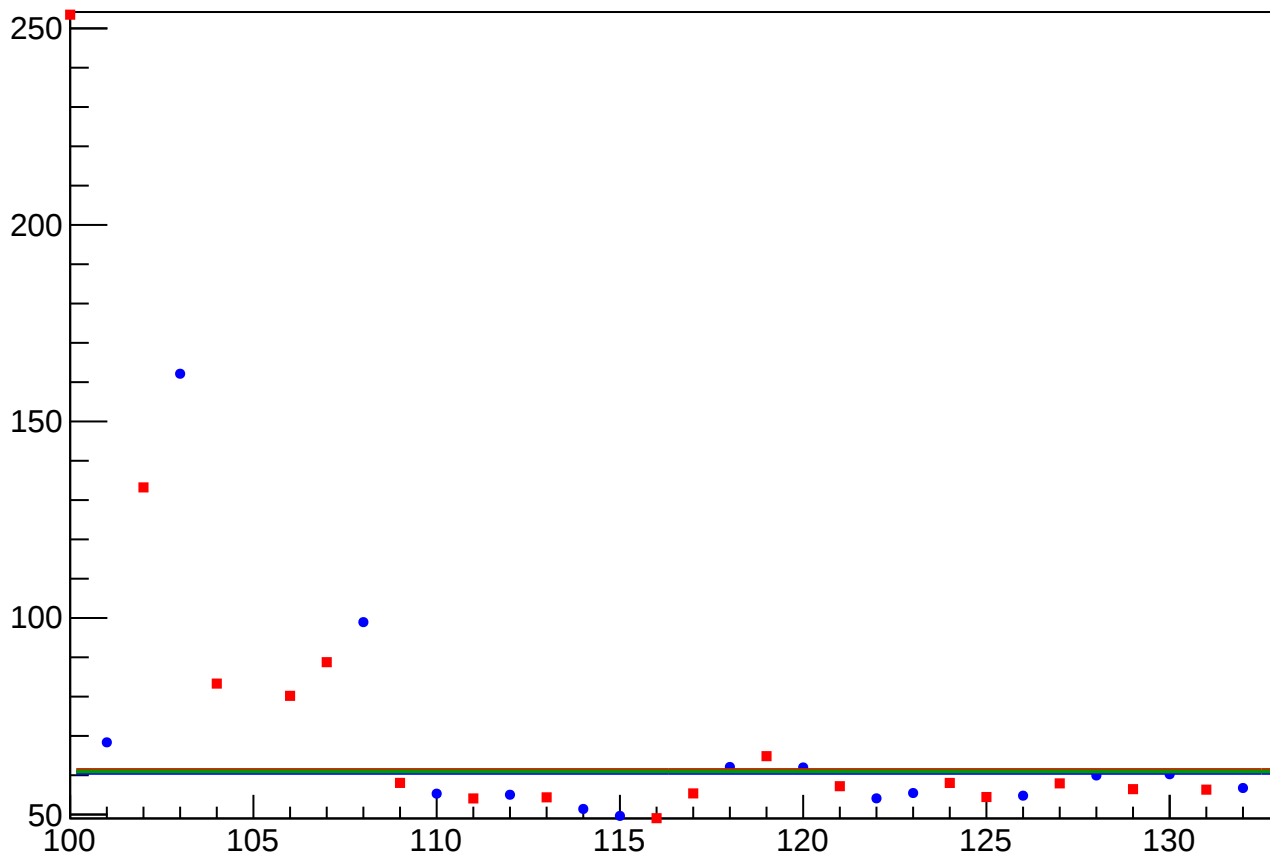
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.402+/-26.541 χ^2/NDF : 23.5/14

60.566+/-18.262 χ^2/NDF : 40.6/32

55.320+/-25.166 χ^2/NDF : 17.0/17

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 60.617+/-0.019 χ^2 /NDF: 628167.9/14

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

Right Out: 61.309+/-0.018 χ^2 /NDF: 657866.6/17

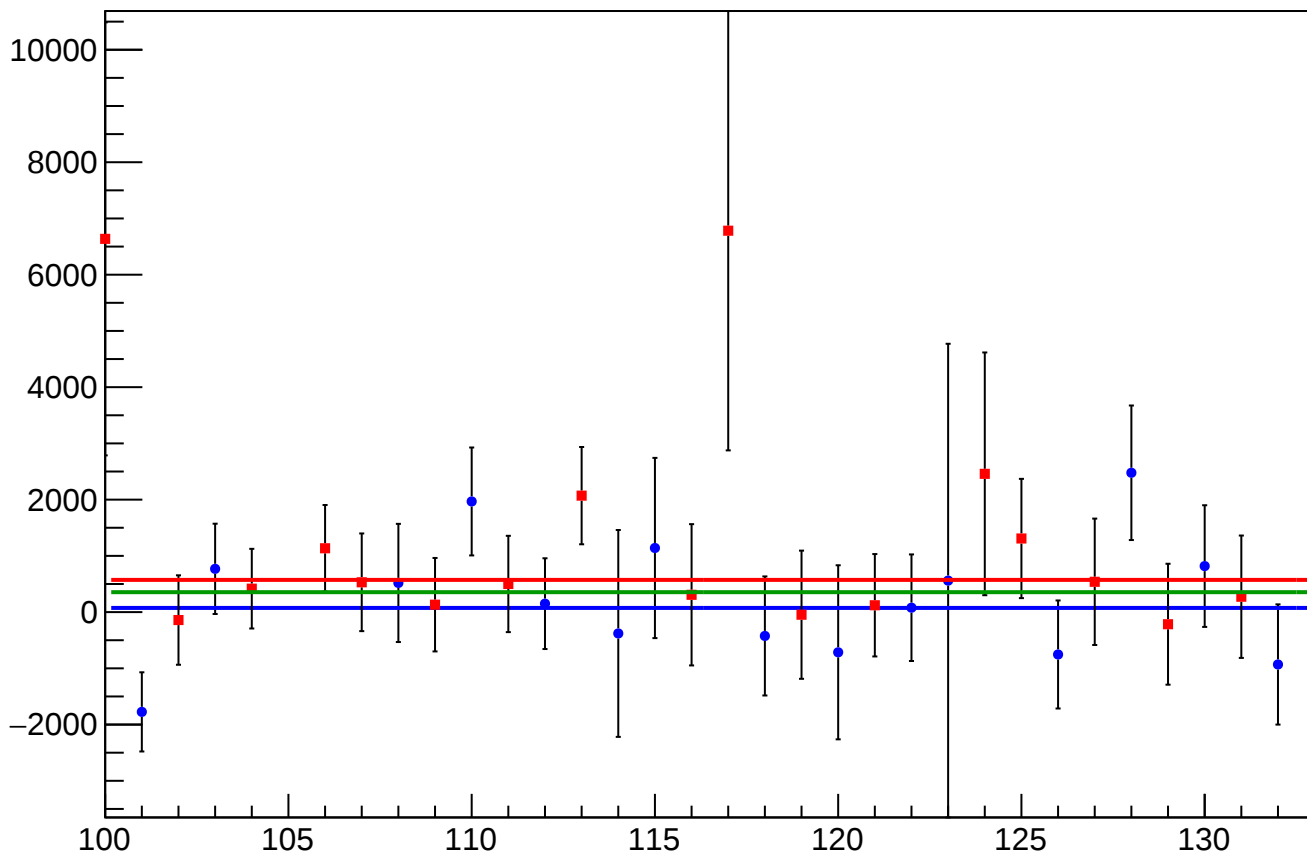
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

60.617+/-0.019 χ^2 /NDF: 628167.9/14

60.981+/-0.013 χ^2 /NDF: 1286751.1/32

61.309+/-0.018 χ^2 /NDF: 657866.6/17

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: 572.800+/-237.820 χ^2/NDF : 12.5/17

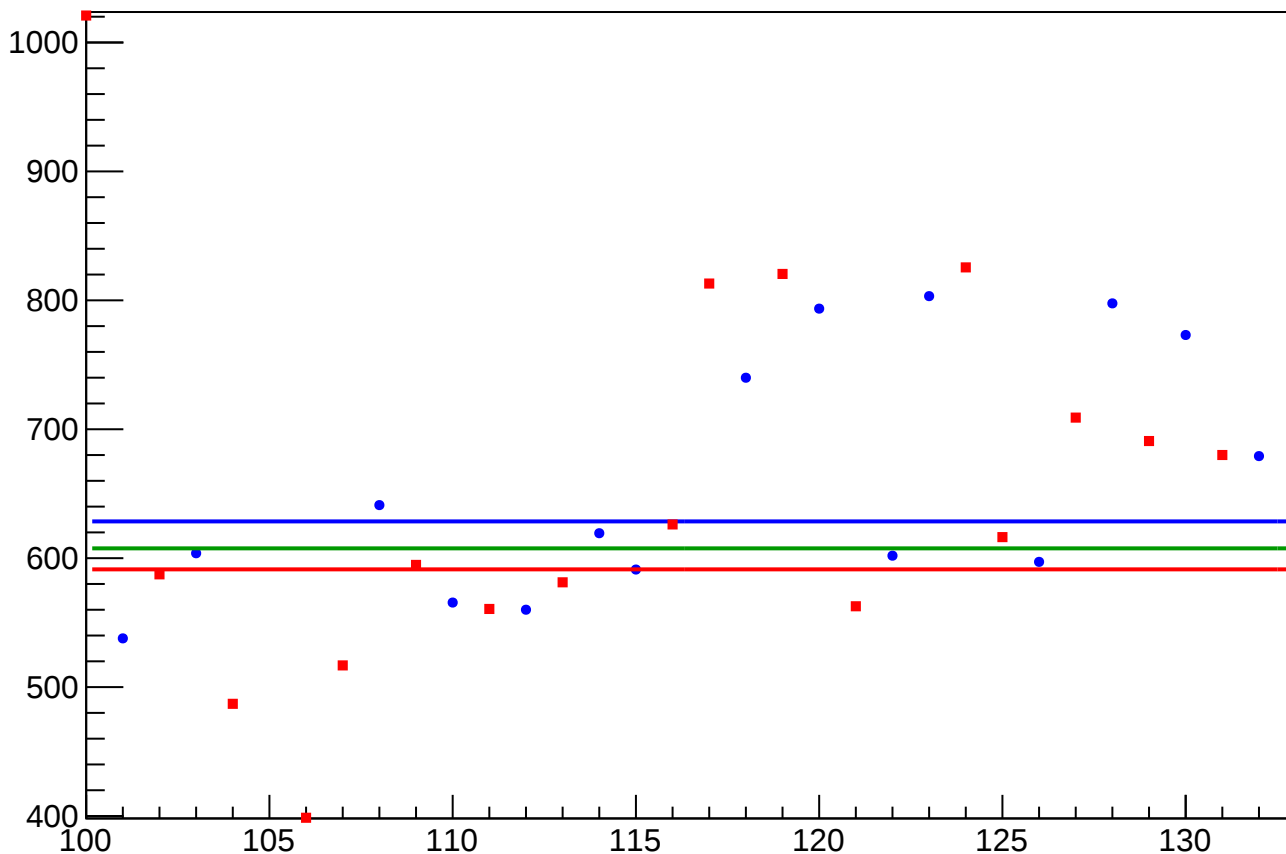
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.418+/-269.453 χ^2/NDF : 18.9/14

354.567+/-178.304 χ^2/NDF : 33.2/32

572.800+/-237.820 χ^2/NDF : 12.5/17

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: 591.326+/-0.168 χ^2/NDF : 459454.5/17

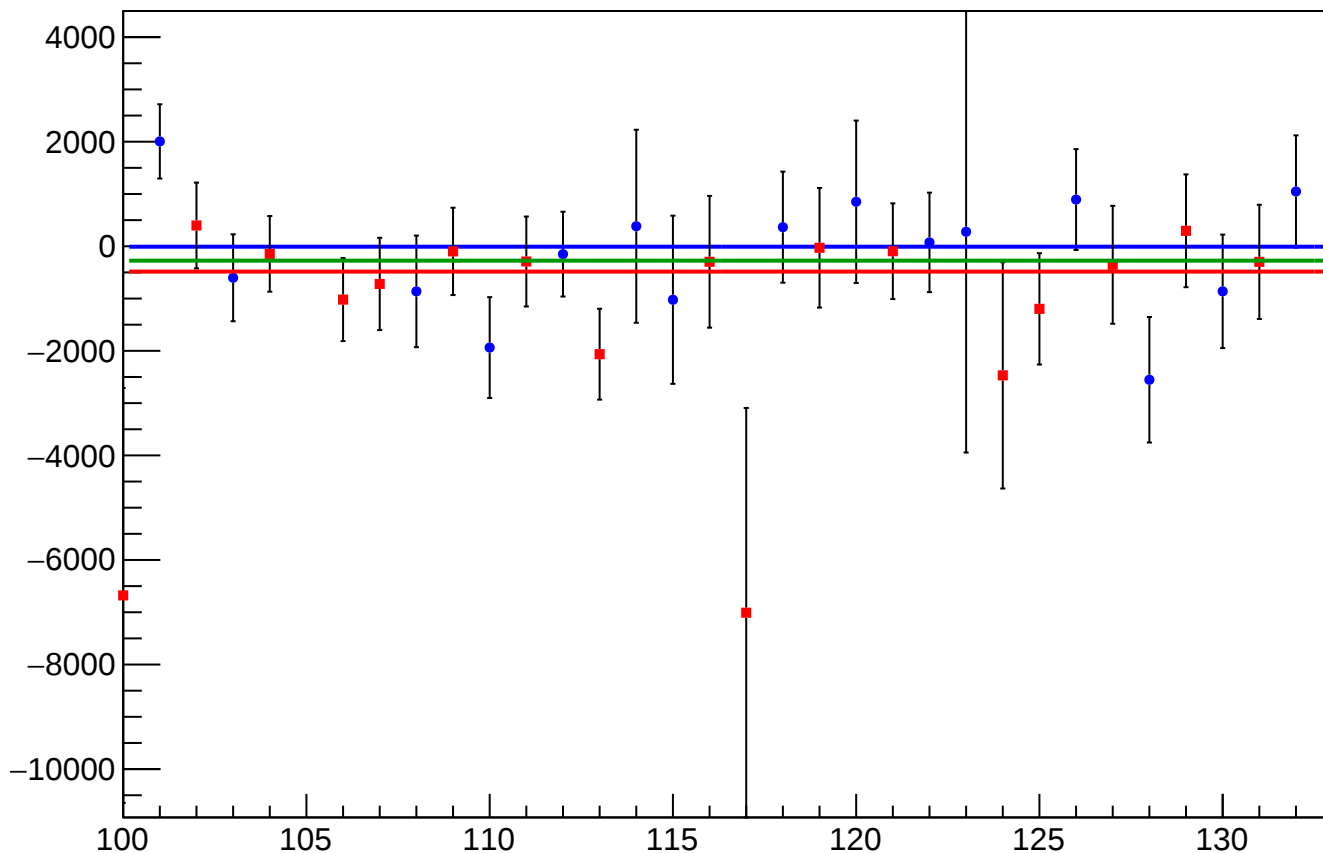
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

628.527+/-0.191 χ^2/NDF : 191802.1/14

607.616+/-0.126 χ^2/NDF : 672685.3/32

591.326+/-0.168 χ^2/NDF : 459454.5/17

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: -484.562 ± 240.721 χ^2/NDF : 13.3/17

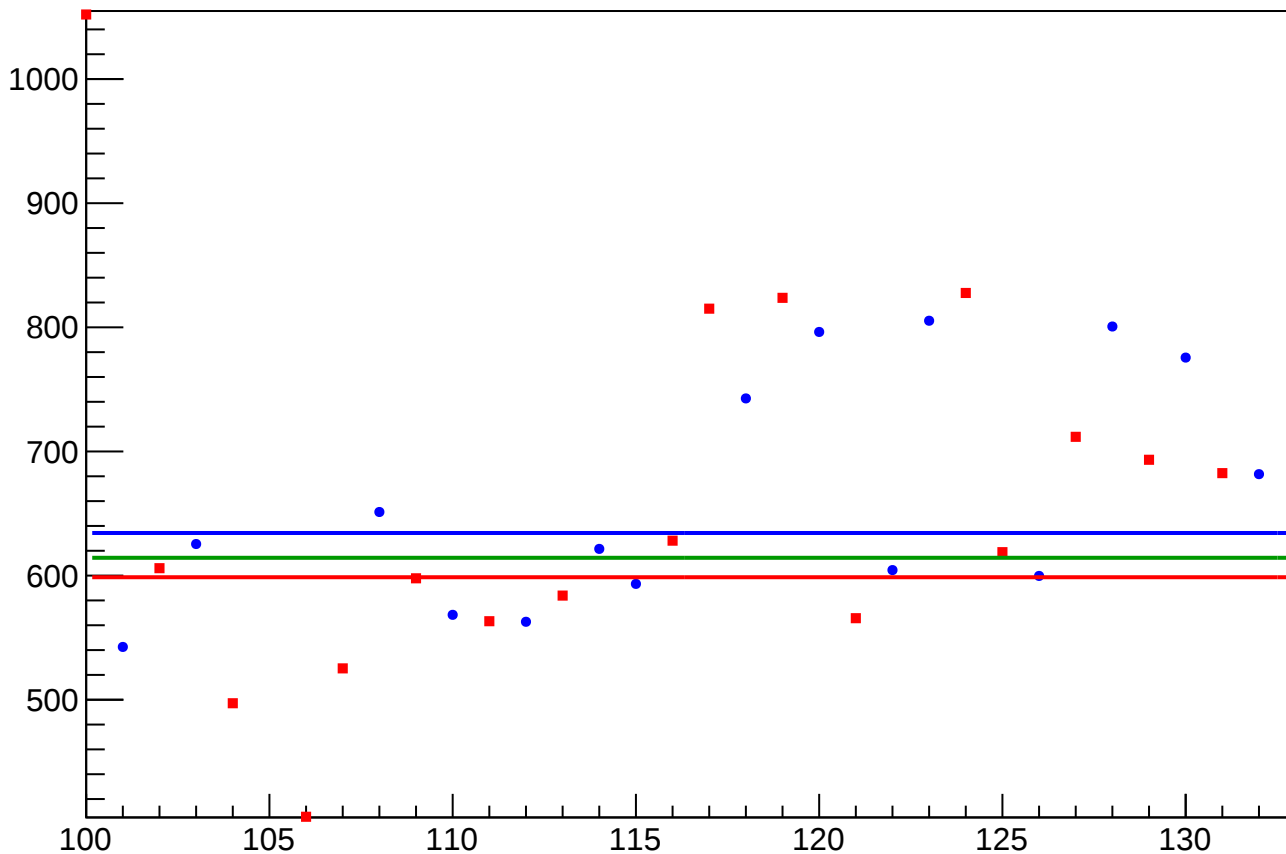
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.082 ± 271.871 χ^2/NDF : 21.1/14

-275.172 ± 180.227 χ^2/NDF : 36.1/32

-484.562 ± 240.721 χ^2/NDF : 13.3/17

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: 598.683+/-0.170 χ^2/NDF : 436504.4/17

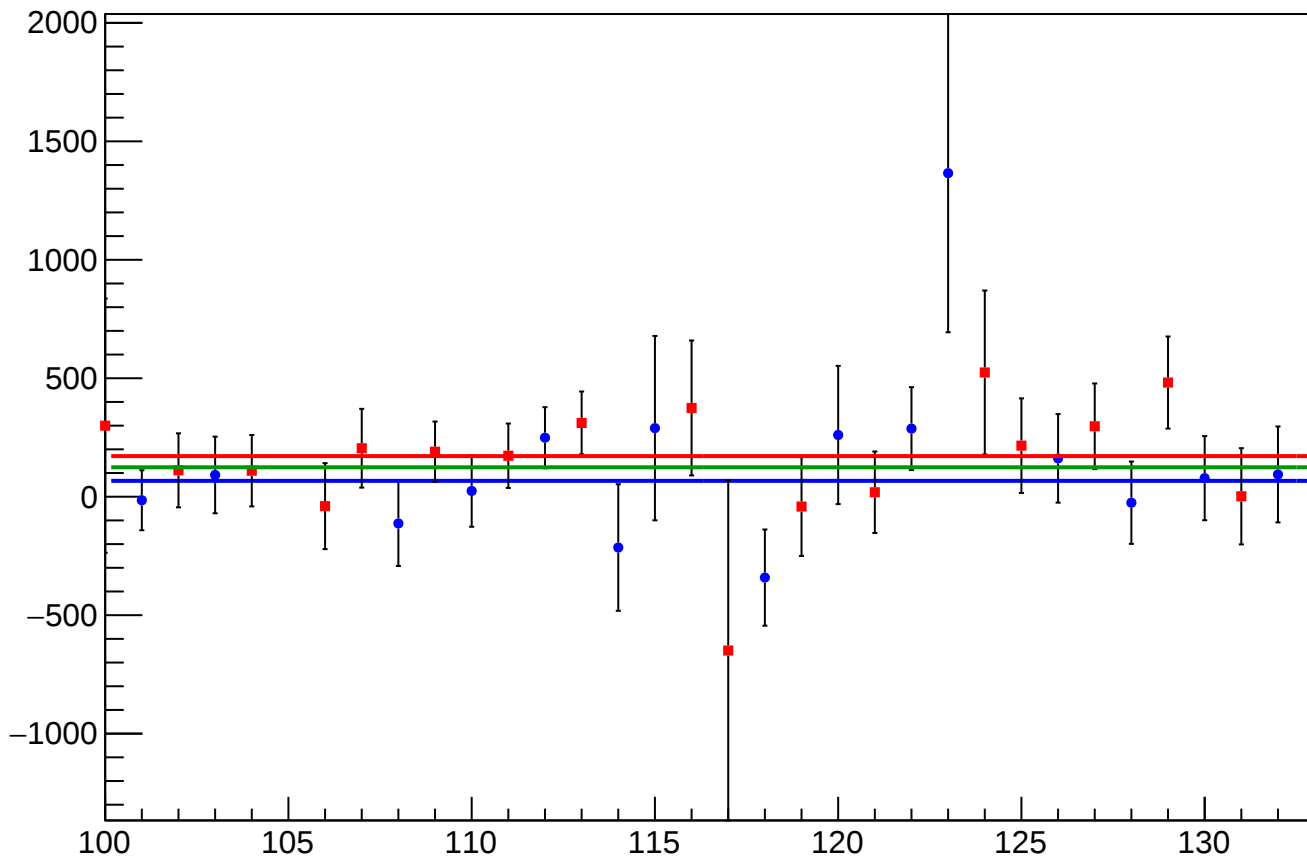
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

634.331+/-0.192 χ^2/NDF : 187031.6/14

614.348+/-0.127 χ^2/NDF : 642810.7/32

598.683+/-0.170 χ^2/NDF : 436504.4/17

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: 171.389 $\pm$ 43.053 χ^2 /NDF: 11.6/17

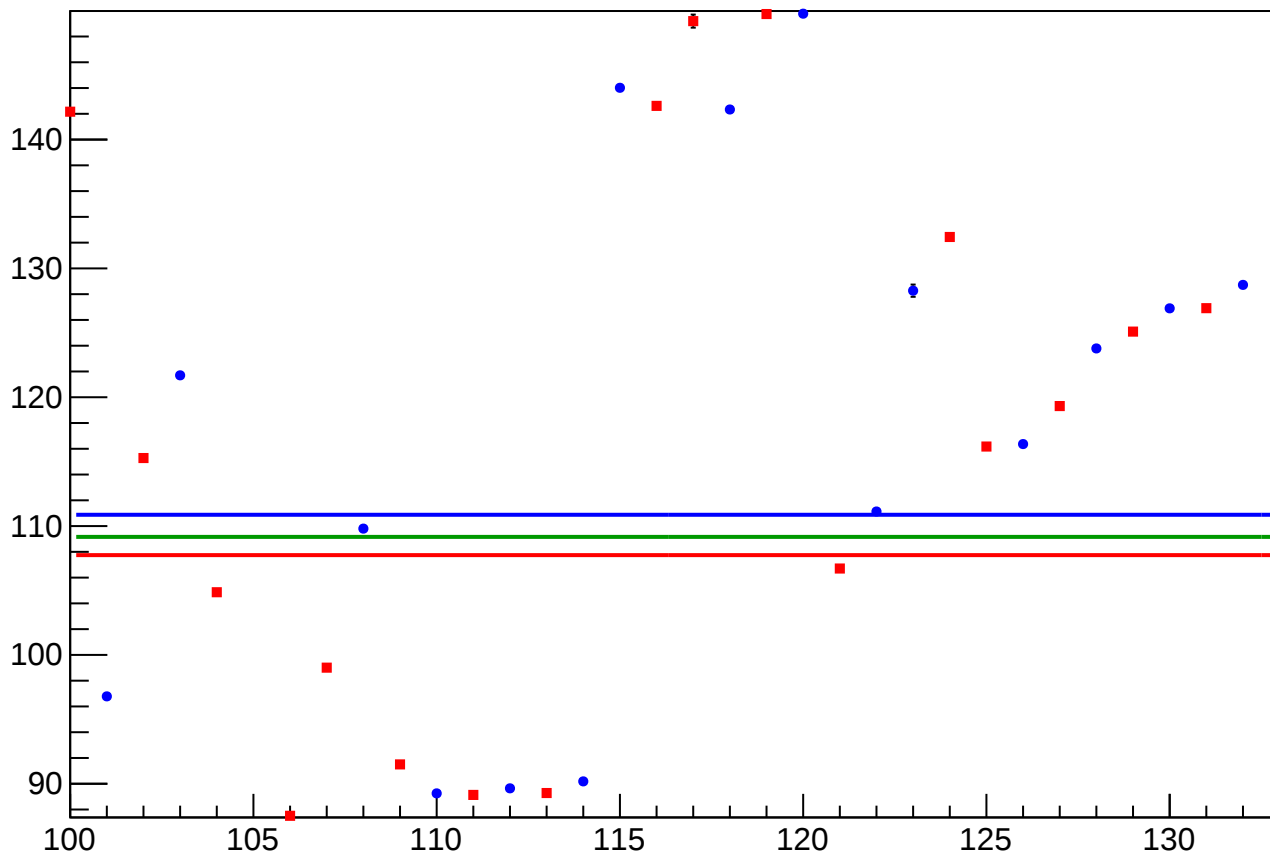
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

67.020 $\pm$ 47.406 χ^2 /NDF: 15.3/14

124.215 $\pm$ 31.871 χ^2 /NDF: 29.5/32

171.389 $\pm$ 43.053 χ^2 /NDF: 11.6/17

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: 107.746 +/- 0.030 χ^2/NDF : 350141.6/17

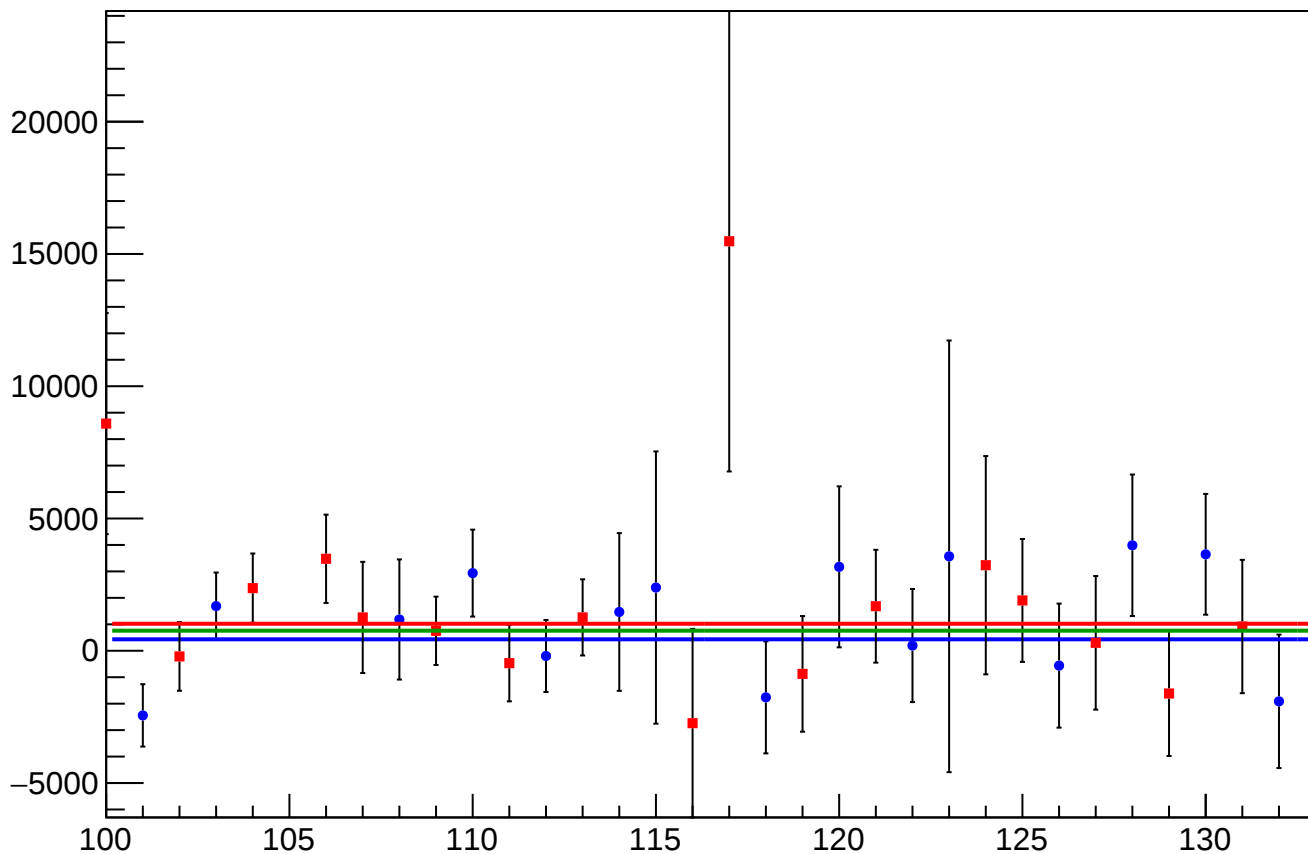
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

110.878 +/- 0.034 χ^2/NDF : 285026.7/14

109.161 +/- 0.023 χ^2/NDF : 639952.3/32

107.746 +/- 0.030 χ^2/NDF : 350141.6/17

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 432.870 $\pm$ 510.931 χ^2 /NDF: 16.7/14

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

Right Out: 1020.769 $\pm$ 457.654 χ^2 /NDF: 15.0/17

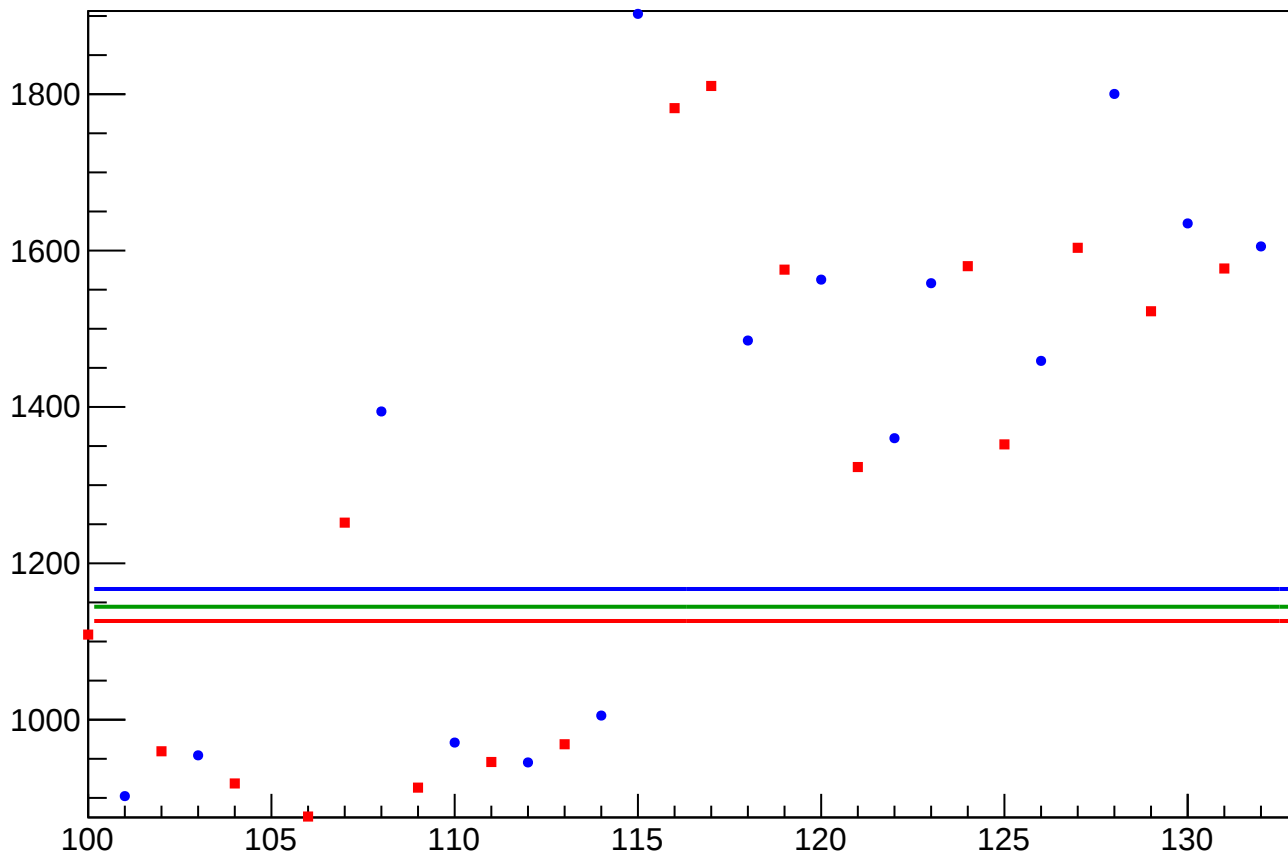
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

432.870 $\pm$ 510.931 χ^2 /NDF: 16.7/14

759.059 $\pm$ 340.895 χ^2 /NDF: 32.4/32

1020.769 $\pm$ 457.654 χ^2 /NDF: 15.0/17

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: 1126.263+/-0.324 χ^2 /NDF: 780087.6/17

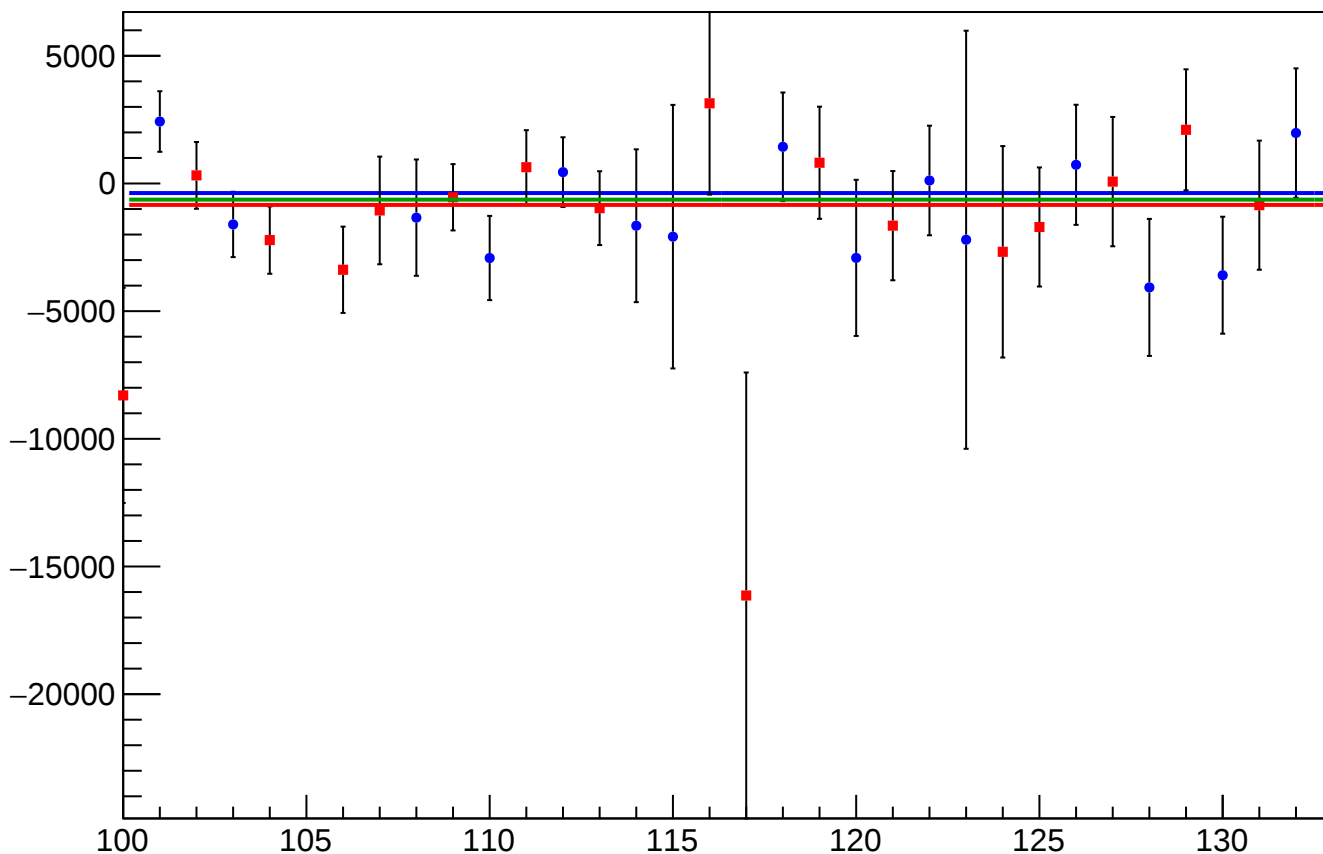
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1167.191+/-0.361 χ^2 /NDF: 692592.7/14

1144.482+/-0.241 χ^2 /NDF: 1479800.8/32

1126.263+/-0.324 χ^2 /NDF: 780087.6/17

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: -838.304+/-460.176 χ^2 /NDF: 15.4/17

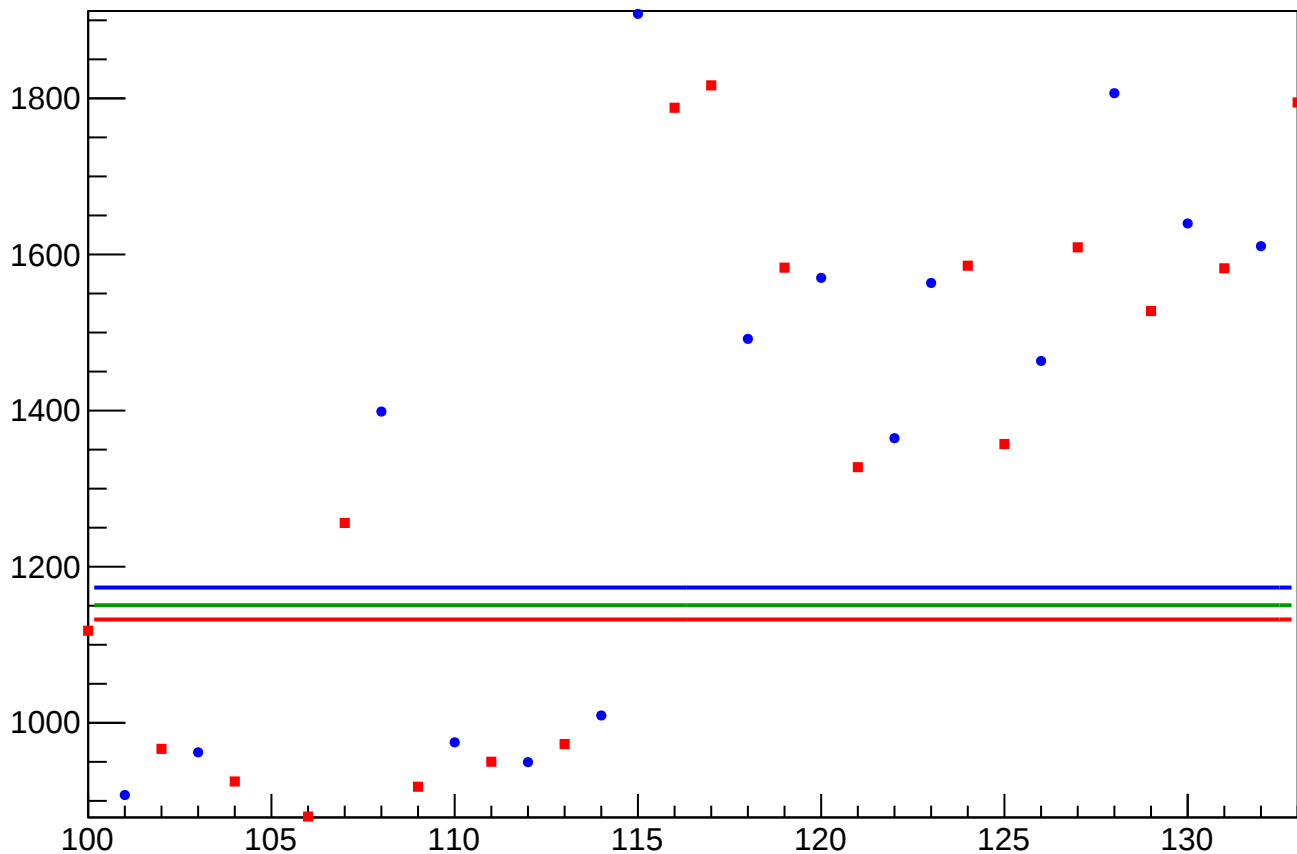
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-374.561+/-513.450 χ^2 /NDF: 16.2/14

-631.731+/-342.685 χ^2 /NDF: 32.0/32

-838.304+/-460.176 χ^2 /NDF: 15.4/17

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: 1132.397+/-0.325 χ^2/NDF : 773724.3/17

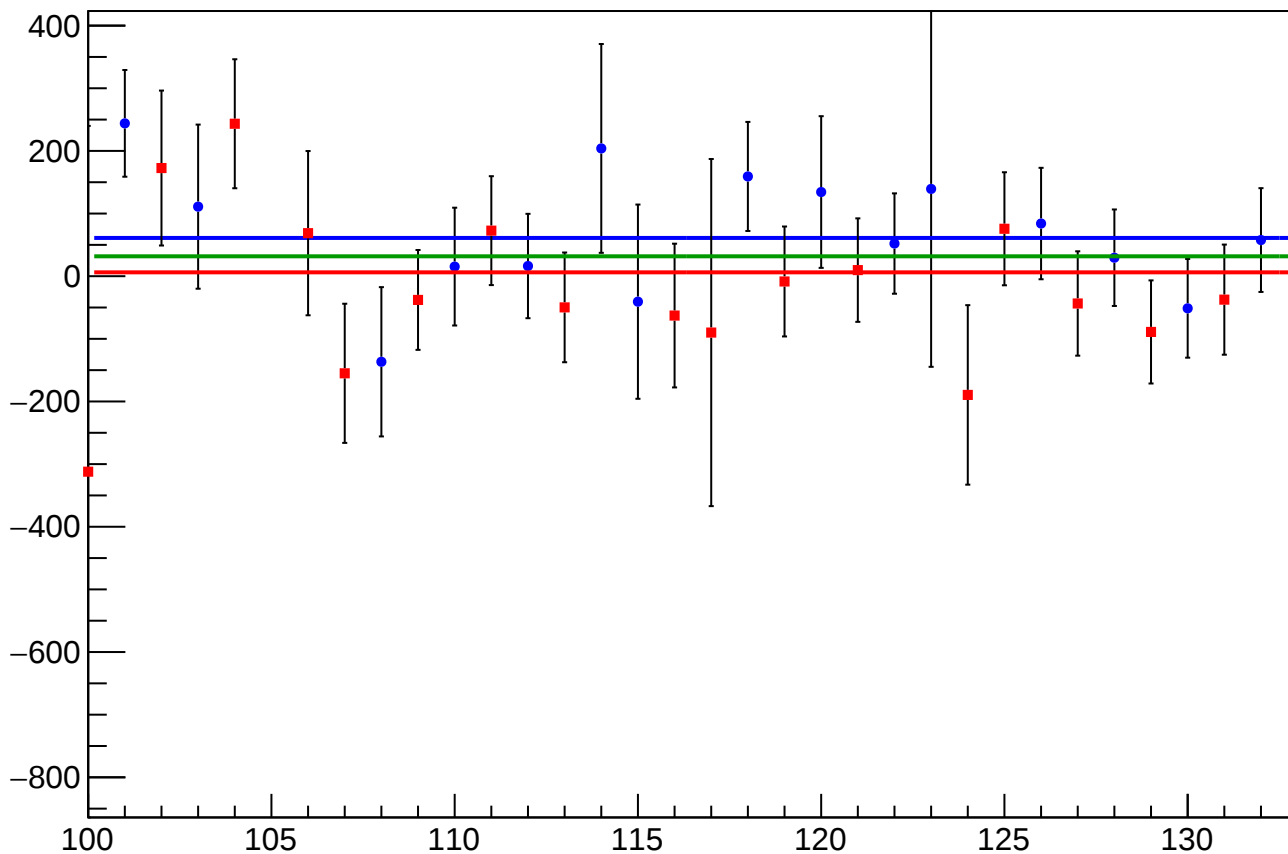
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1173.304+/-0.363 χ^2/NDF : 687055.4/14

1150.619+/-0.242 χ^2/NDF : 1467819.9/32

1132.397+/-0.325 χ^2/NDF : 773724.3/17

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: 6.151 $\pm$ 23.561 χ^2 /NDF: 18.8/17

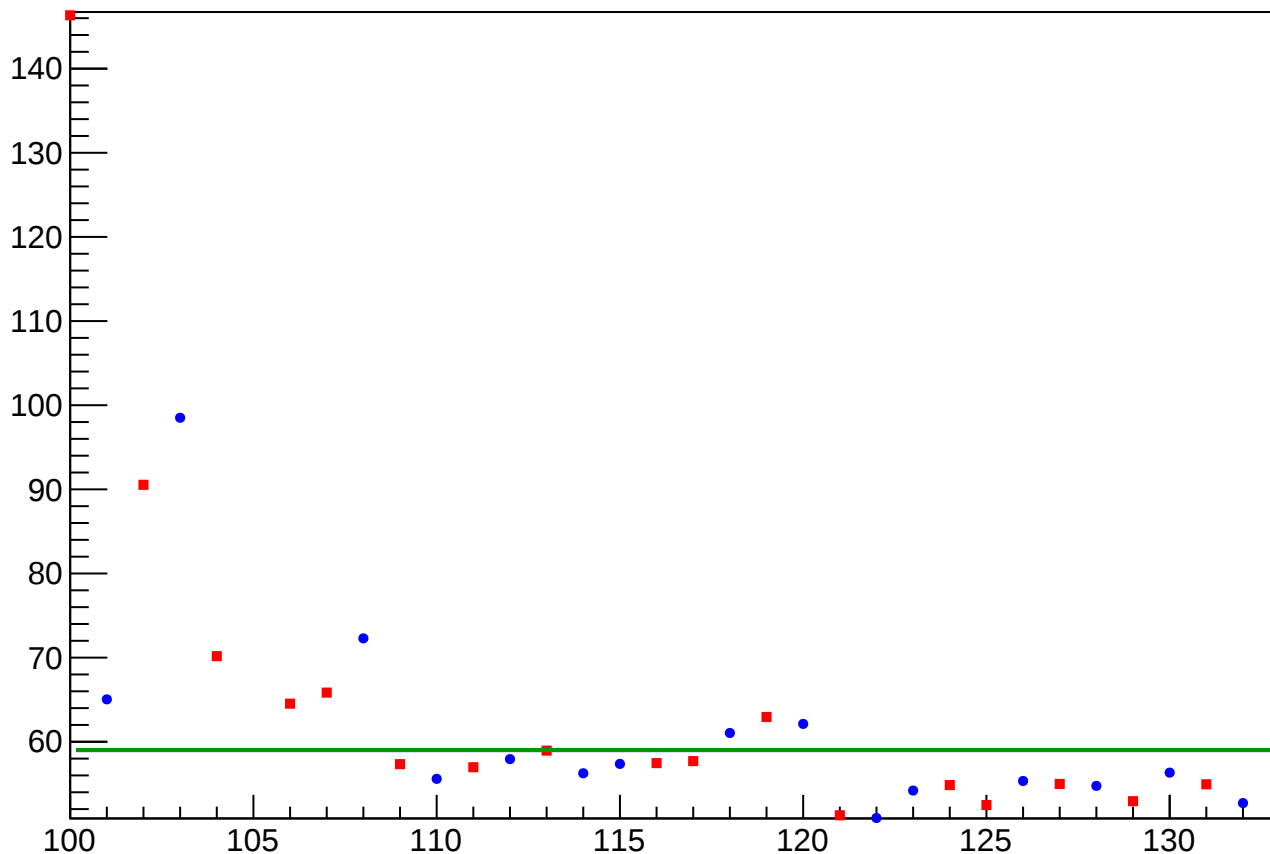
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

61.070 $\pm$ 25.226 χ^2 /NDF: 13.2/14

31.739 $\pm$ 17.219 χ^2 /NDF: 34.5/32

6.151 $\pm$ 23.561 χ^2 /NDF: 18.8/17

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: 59.031+/-0.017 χ^2/NDF : 270761.7/17

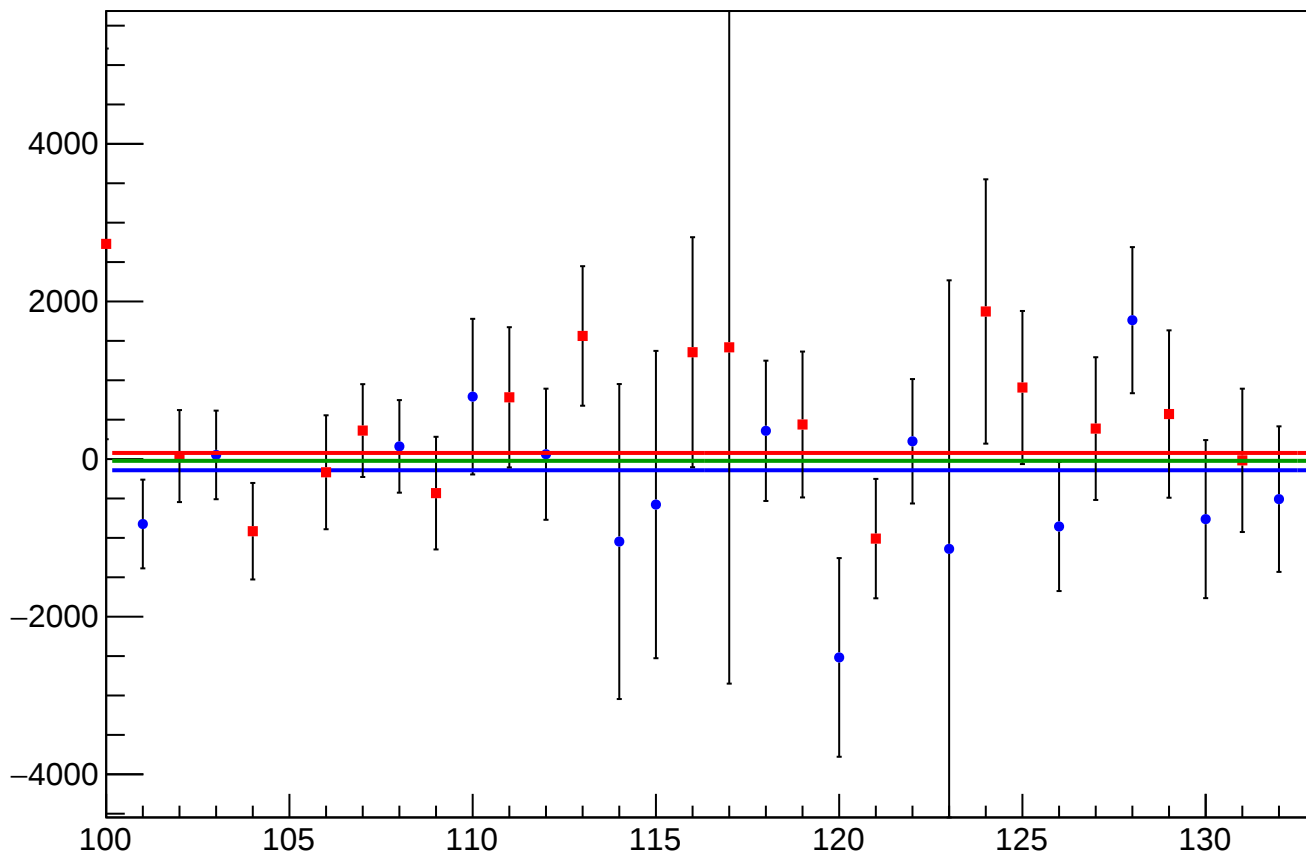
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.008+/-0.018 χ^2/NDF : 267040.3/14

59.020+/-0.012 χ^2/NDF : 537802.9/32

59.031+/-0.017 χ^2/NDF : 270761.7/17

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: 77.820+/-201.706 χ^2/NDF : 14.5/17

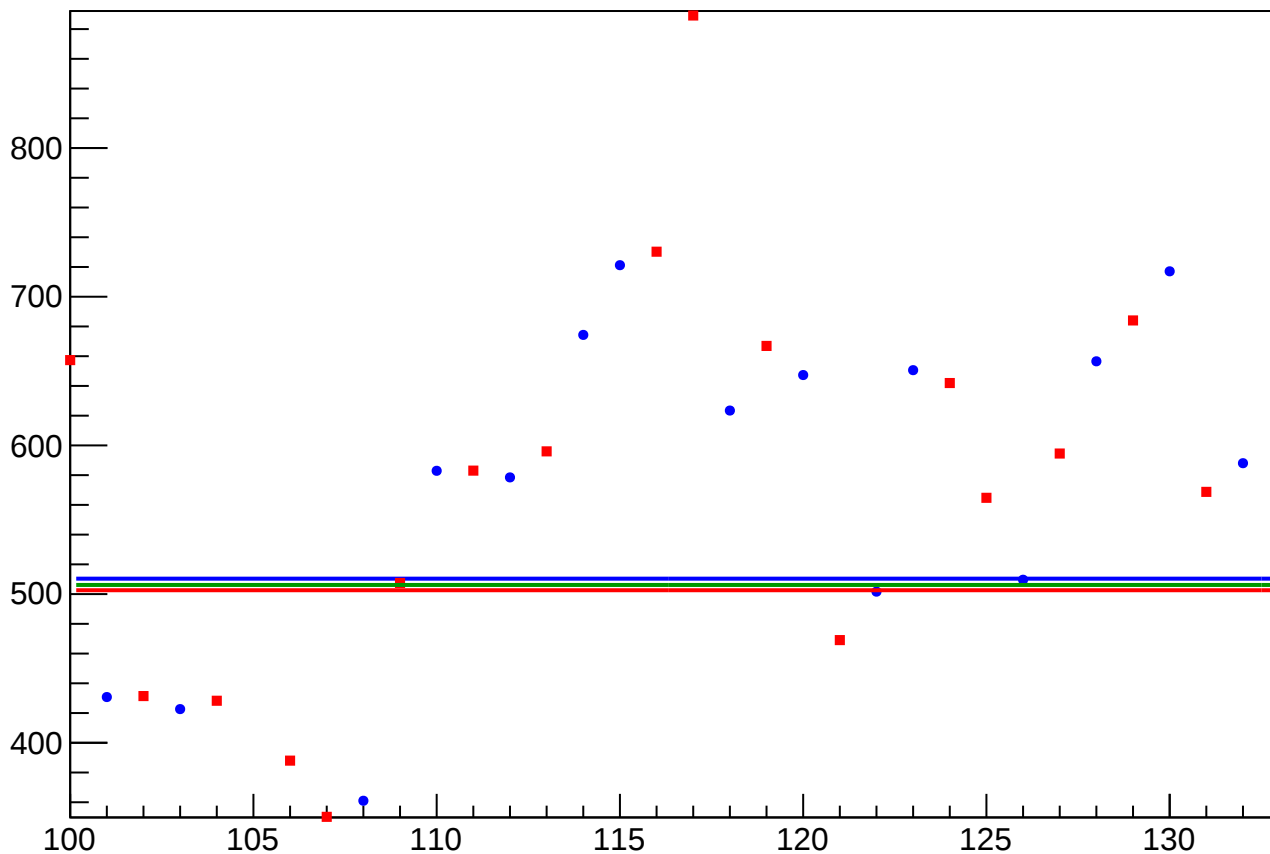
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-141.806+/-220.307 χ^2/NDF : 12.8/14

-22.331+/-148.770 χ^2/NDF : 27.8/32

77.820+/-201.706 χ^2/NDF : 14.5/17

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: 502.595+/-0.143 χ^2/NDF : 542936.6/17

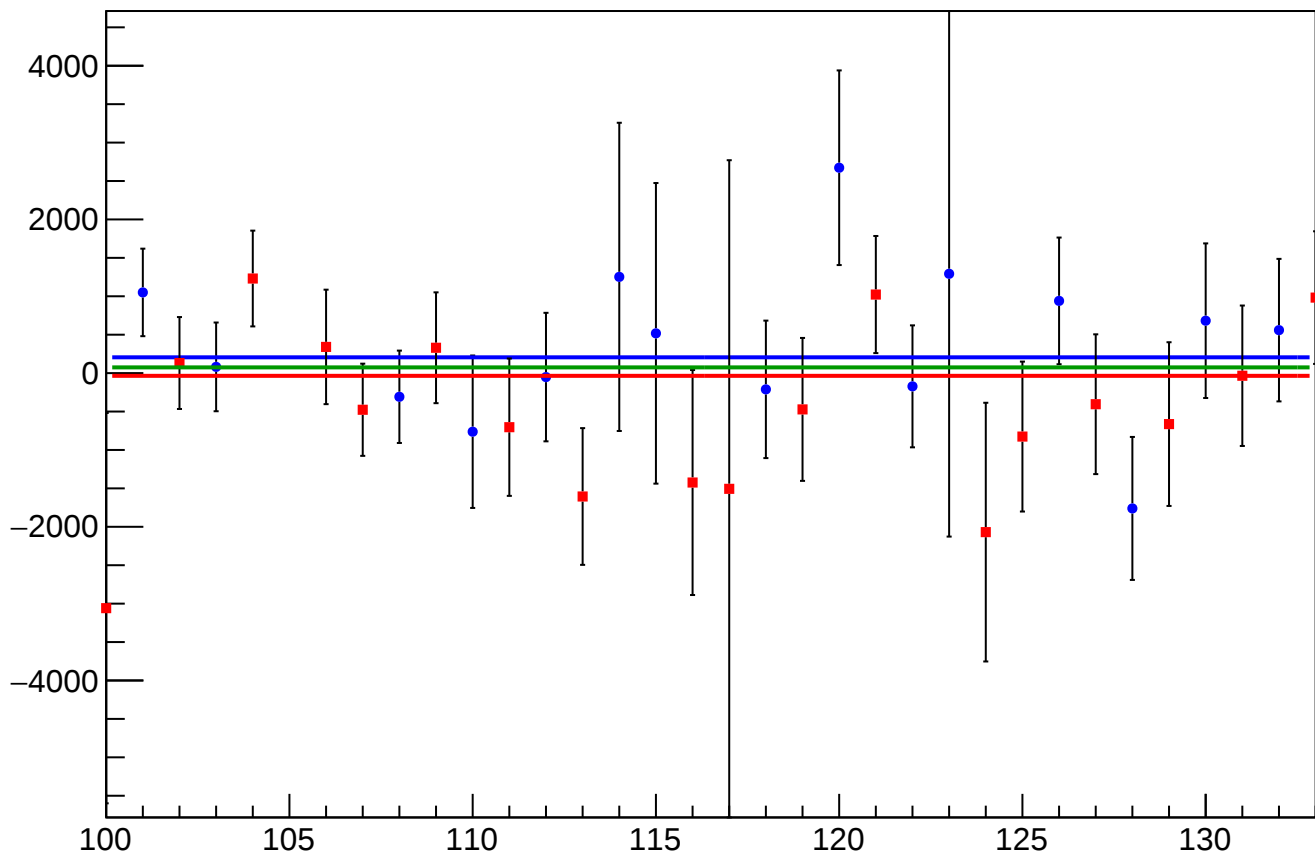
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

510.382+/-0.156 χ^2/NDF : 487400.8/14

506.146+/-0.105 χ^2/NDF : 1031696.8/32

502.595+/-0.143 χ^2/NDF : 542936.6/17

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 205.588+/-222.866 χ^2/NDF : 14.3/14

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

Right Out: -35.365+/-204.220 χ^2/NDF : 17.5/17

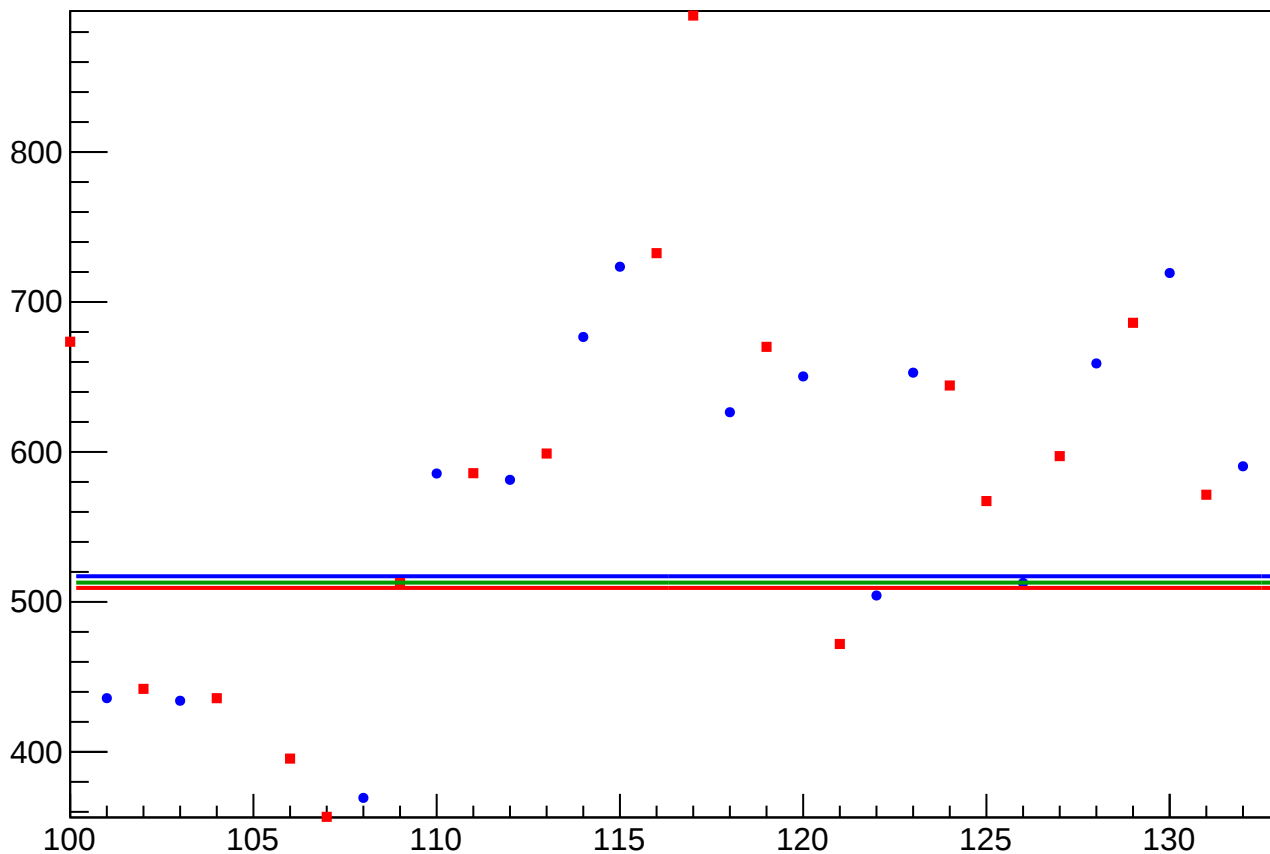
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

205.588+/-222.866 χ^2/NDF : 14.3/14

74.612+/-150.566 χ^2/NDF : 32.5/32

-35.365+/-204.220 χ^2/NDF : 17.5/17

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: 509.328+/-0.144 χ^2/NDF : 510948.2/17

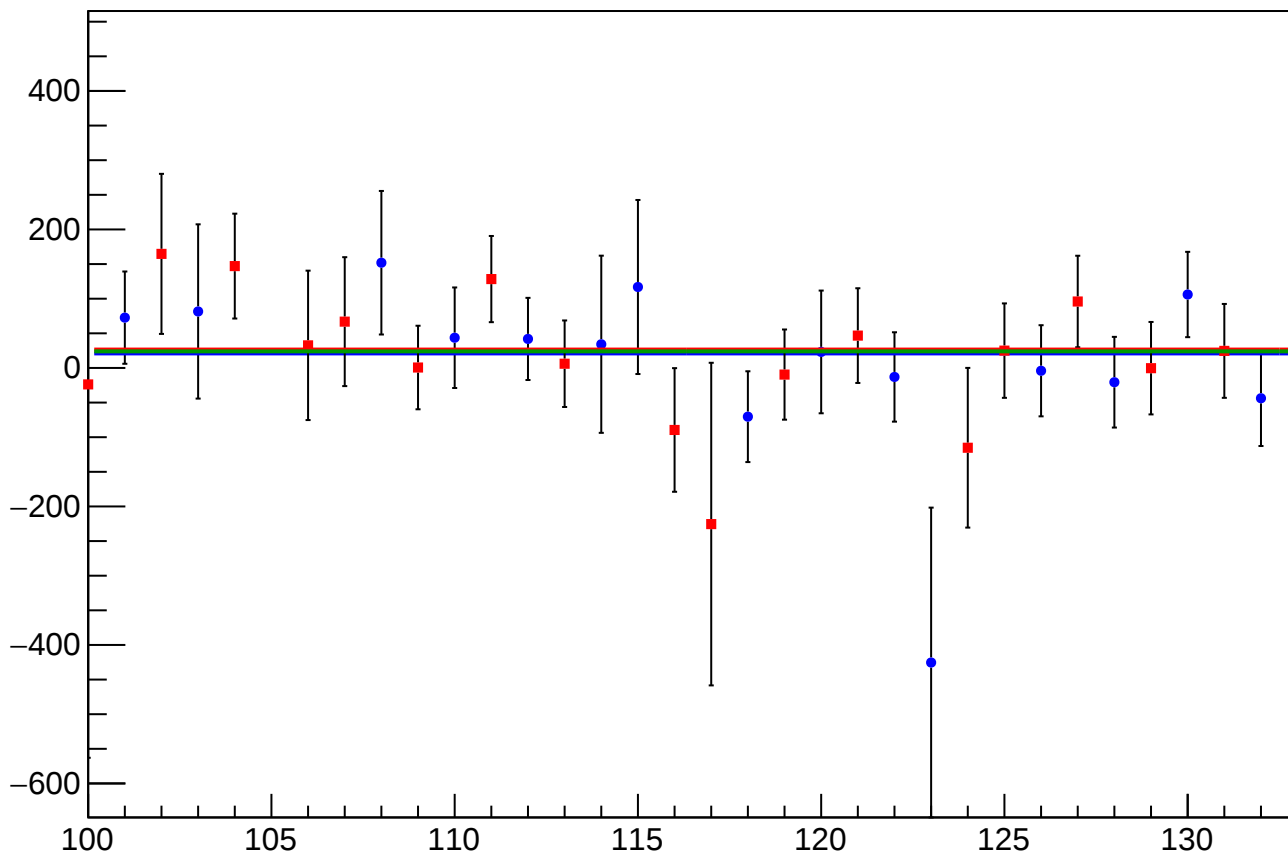
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

517.103+/-0.158 χ^2/NDF : 454954.7/14

512.877+/-0.106 χ^2/NDF : 967225.9/32

509.328+/-0.144 χ^2/NDF : 510948.2/17

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: 26.536 $\pm$ 18.457 χ^2 /NDF: 17.8/17

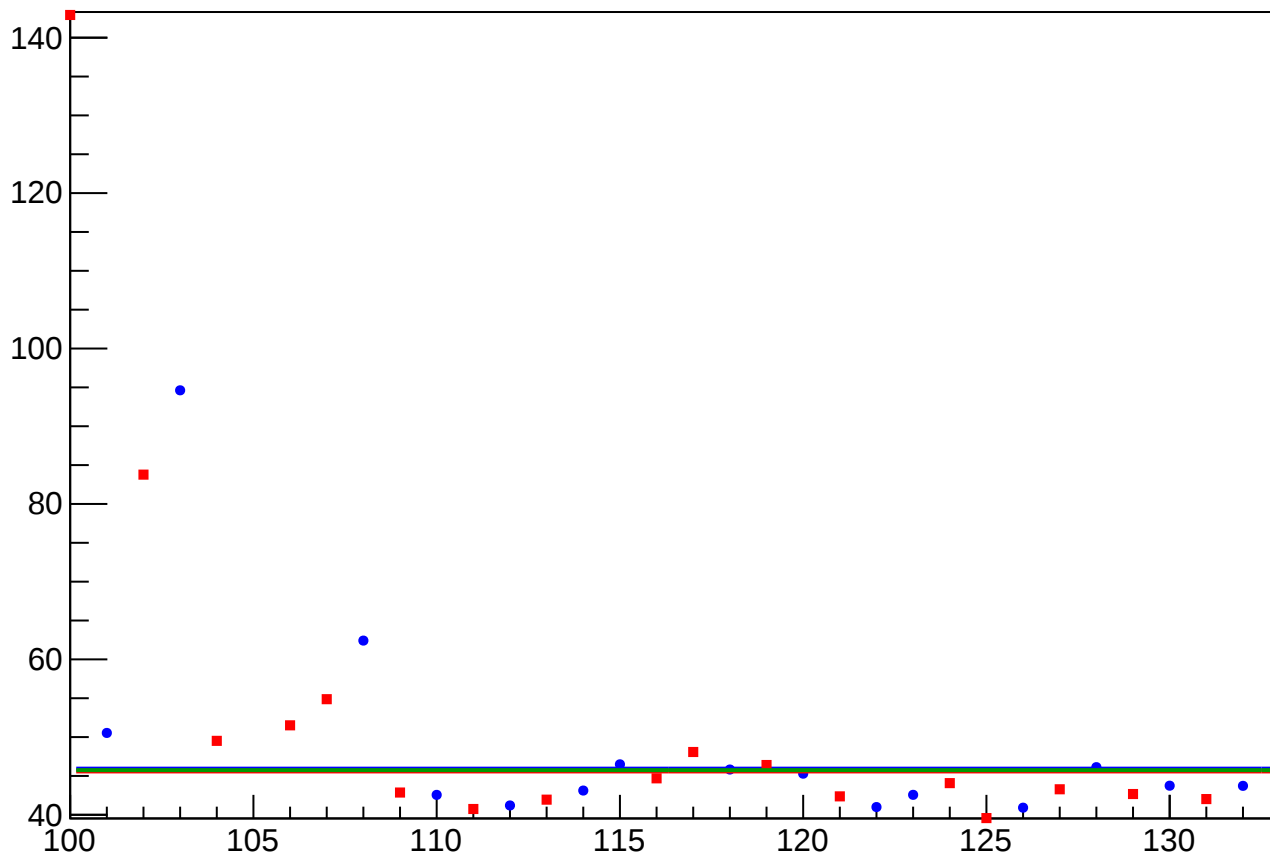
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.004 $\pm$ 19.850 χ^2 /NDF: 12.8/14

23.971 $\pm$ 13.517 χ^2 /NDF: 30.7/32

26.536 $\pm$ 18.457 χ^2 /NDF: 17.8/17

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.938+/-0.014 χ^2 /NDF: 406127.5/14

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

Right Out: 45.579+/-0.013 χ^2 /NDF: 397900.8/17

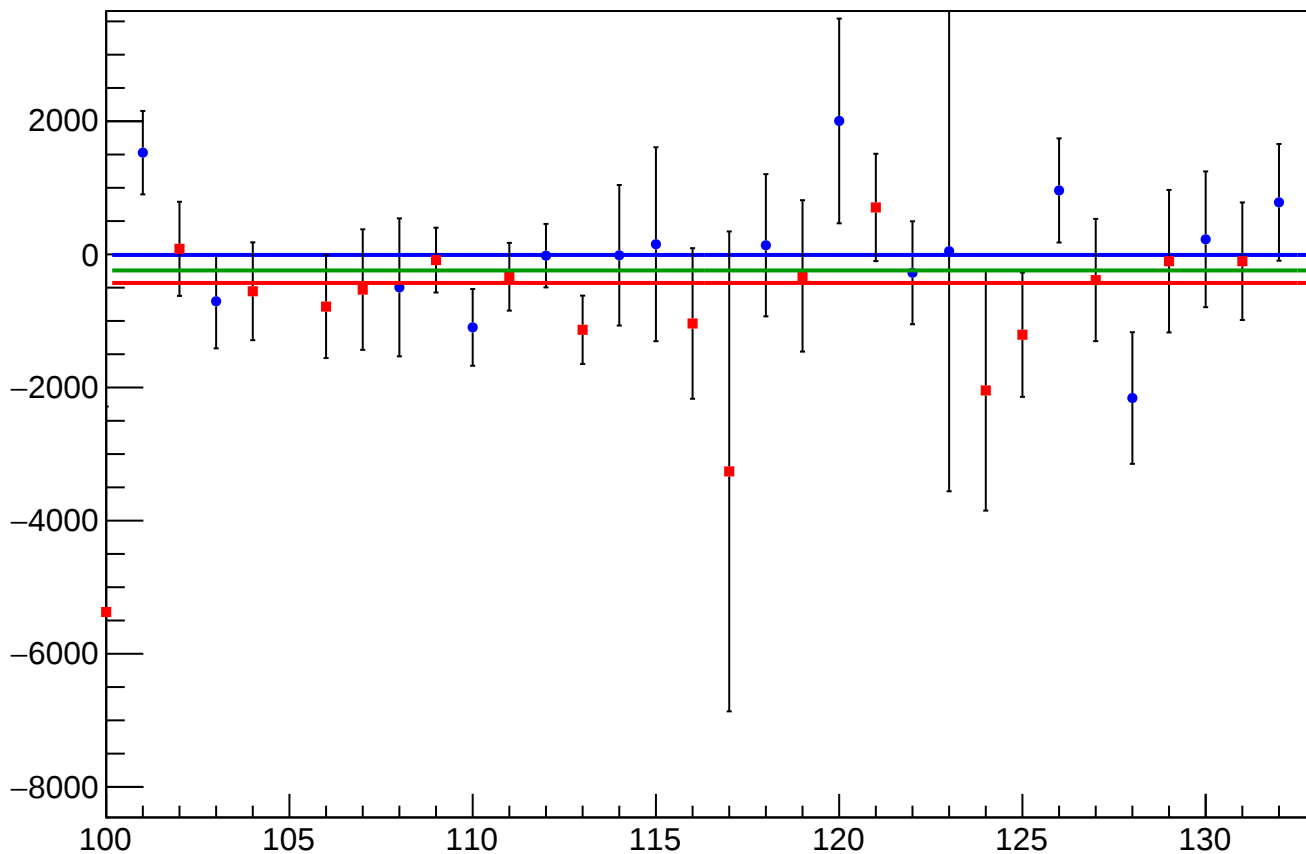
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

45.938+/-0.014 χ^2 /NDF: 406127.5/14

45.746+/-0.010 χ^2 /NDF: 804379.5/32

45.579+/-0.013 χ^2 /NDF: 397900.8/17

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: -429.156 ± 190.498 χ^2/NDF : 11.1/17

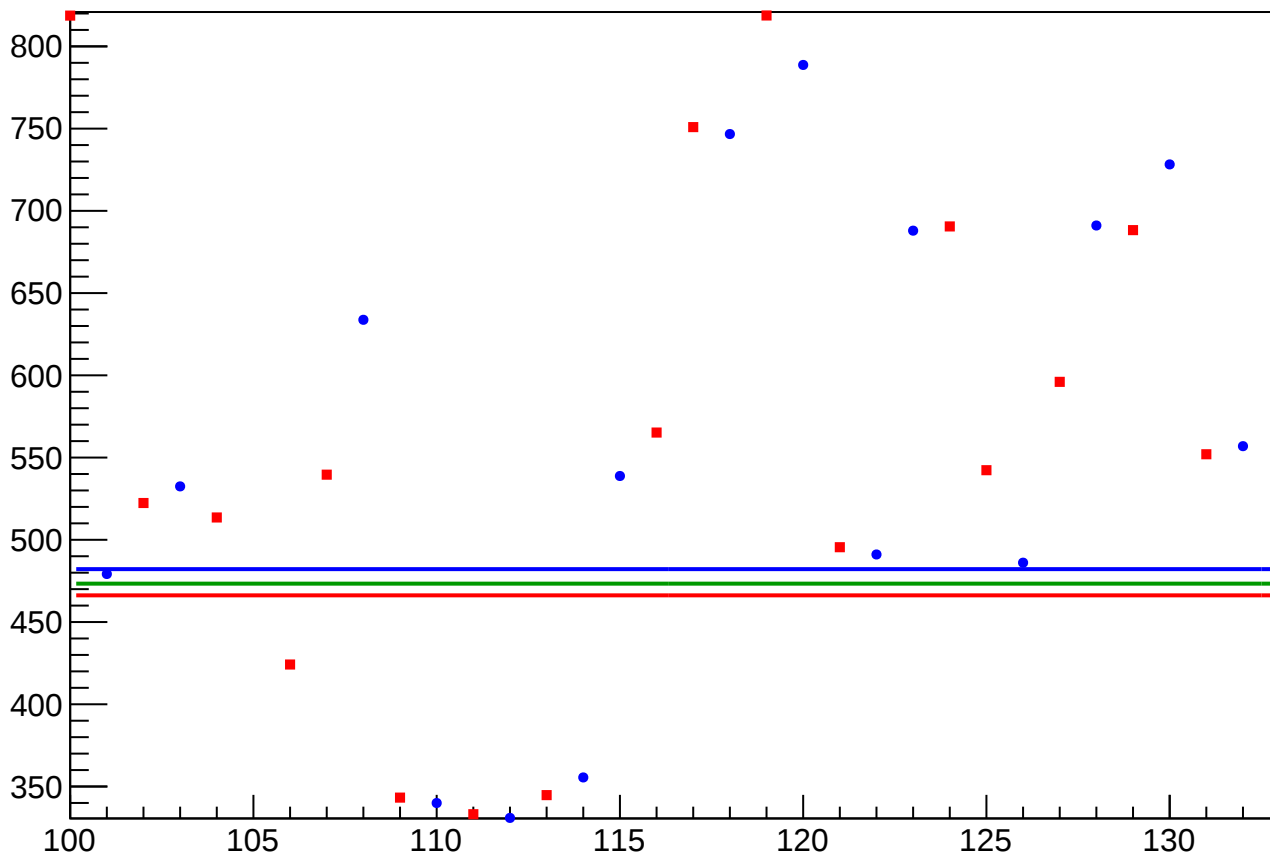
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.531 ± 212.133 χ^2/NDF : 19.8/14

-241.380 ± 141.736 χ^2/NDF : 33.1/32

-429.156 ± 190.498 χ^2/NDF : 11.1/17

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: 466.225+/-0.135 χ^2/NDF : 954744.0/17

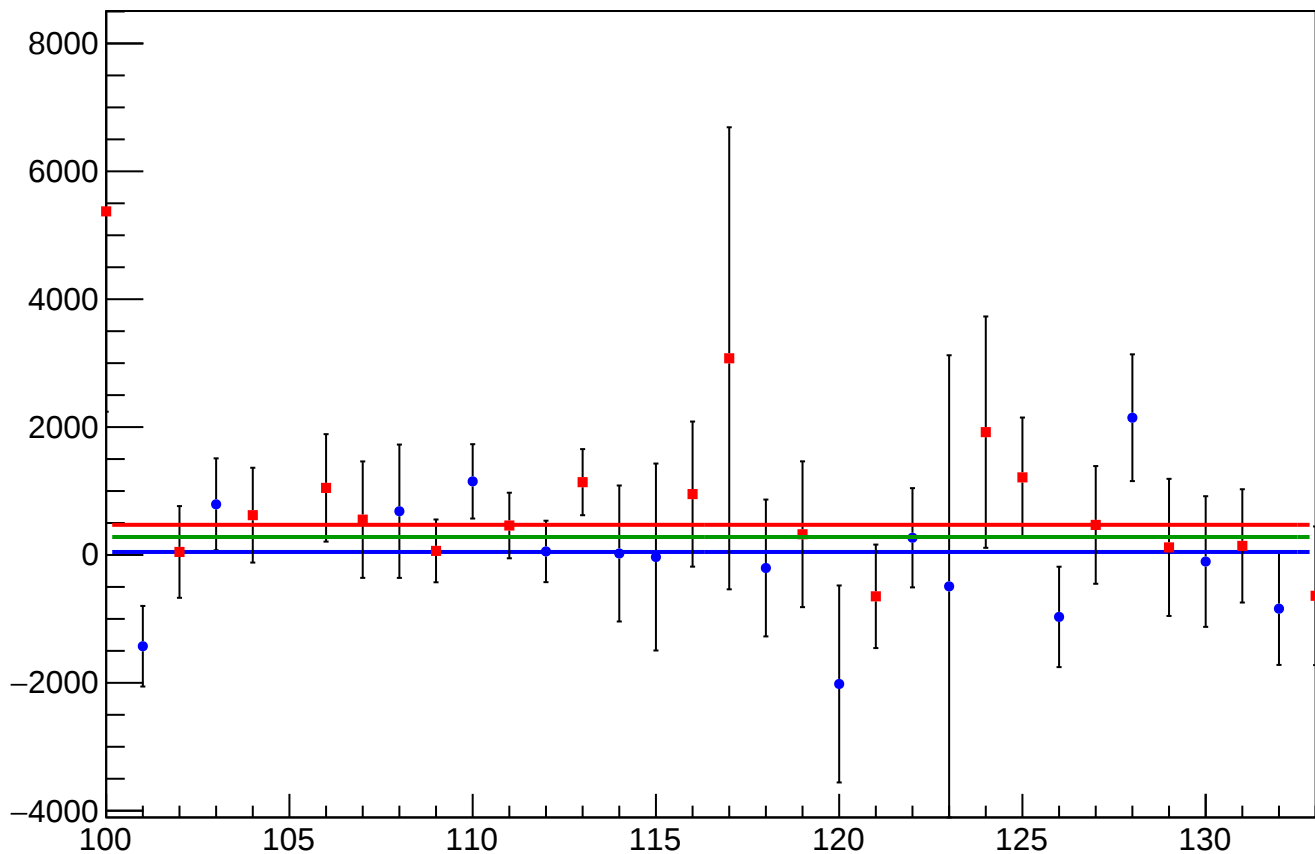
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

482.166+/-0.150 χ^2/NDF : 837043.9/14

473.342+/-0.100 χ^2/NDF : 1798039.8/32

466.225+/-0.135 χ^2/NDF : 954744.0/17

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 46.832+/-213.507 χ^2/NDF : 19.7/14

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

Right Out: 471.411+/-192.632 χ^2/NDF : 10.9/17

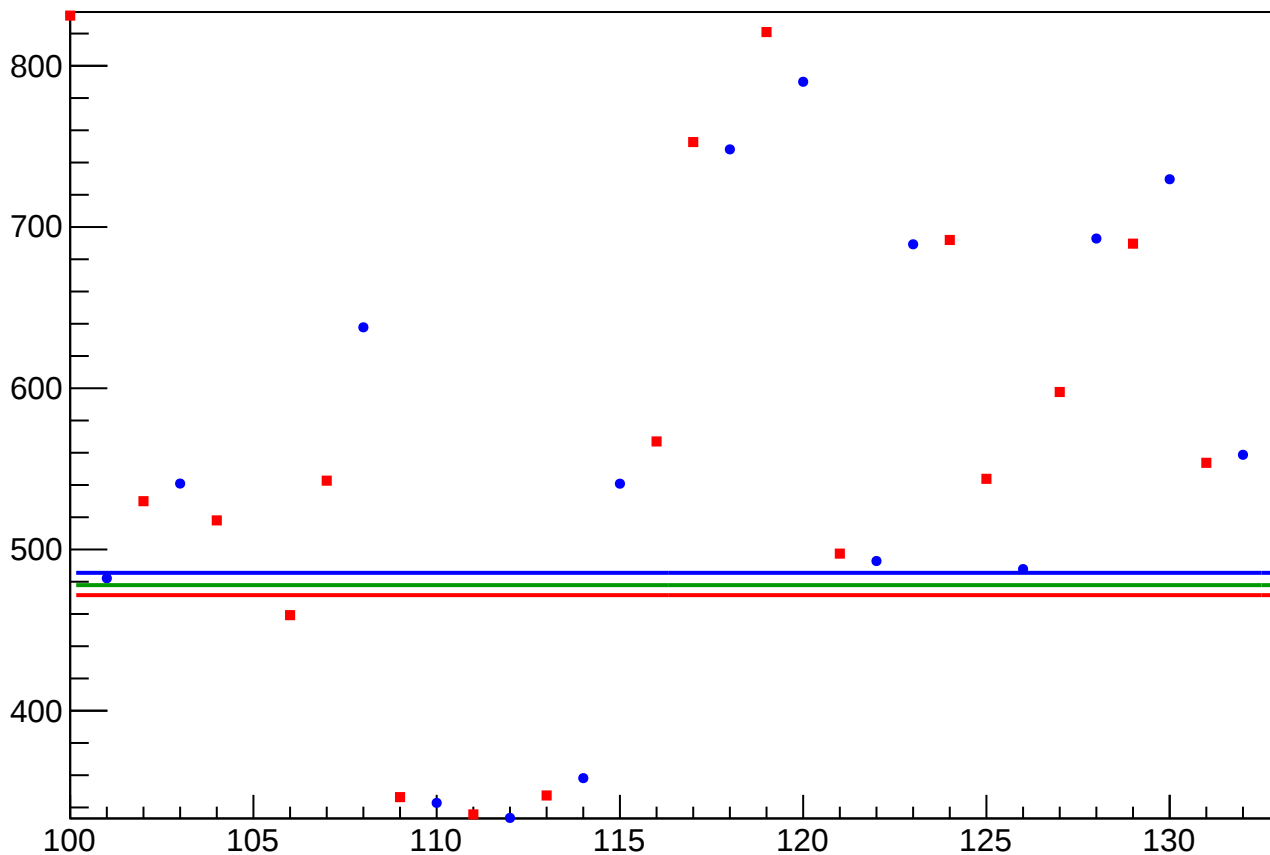
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.832+/-213.507 χ^2/NDF : 19.7/14

280.887+/-143.024 χ^2/NDF : 32.7/32

471.411+/-192.632 χ^2/NDF : 10.9/17

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: 471.681+/-0.136 χ^2/NDF : 938200.7/17

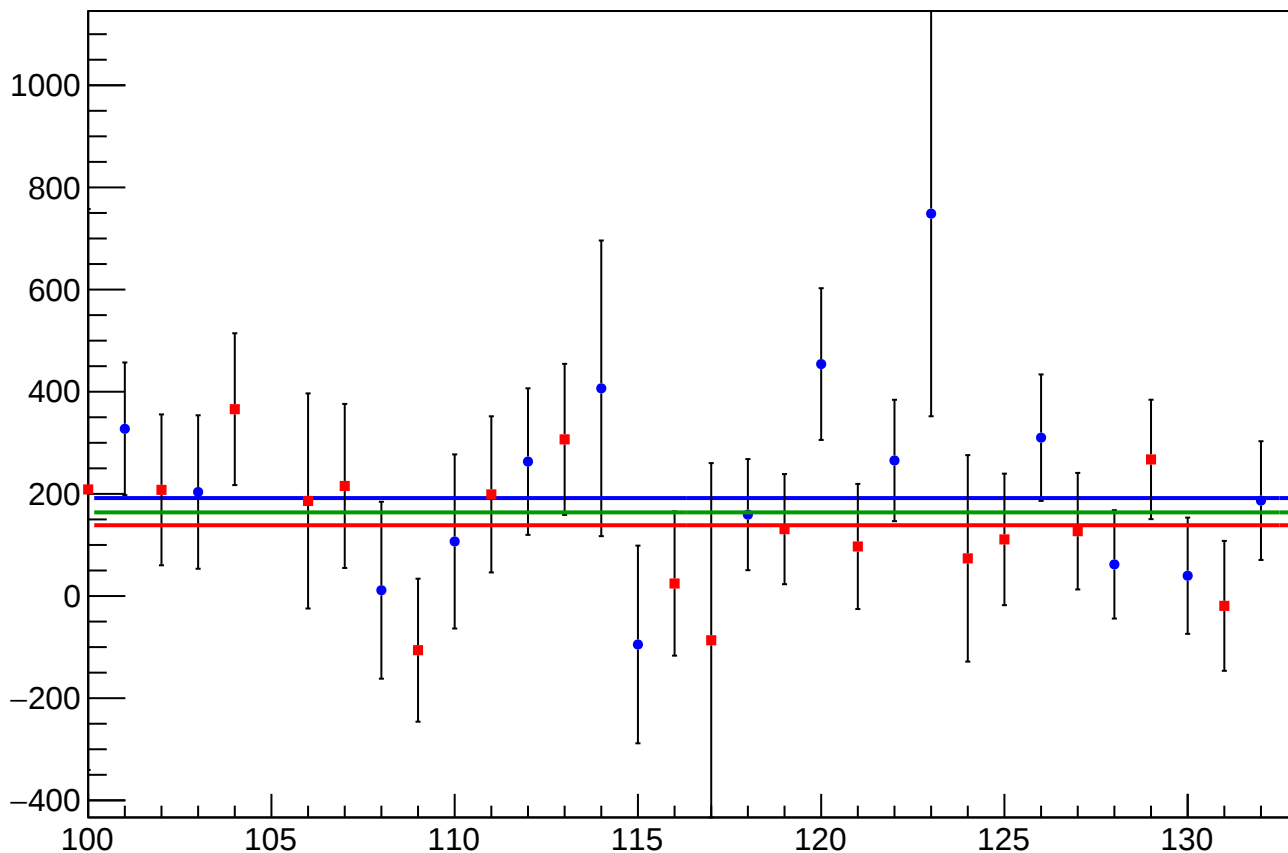
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

485.526+/-0.151 χ^2/NDF : 827494.0/14

477.894+/-0.101 χ^2/NDF : 1770330.7/32

471.681+/-0.136 χ^2/NDF : 938200.7/17

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: 138.615 $\pm$ 34.138 χ^2/NDF : 11.5/17

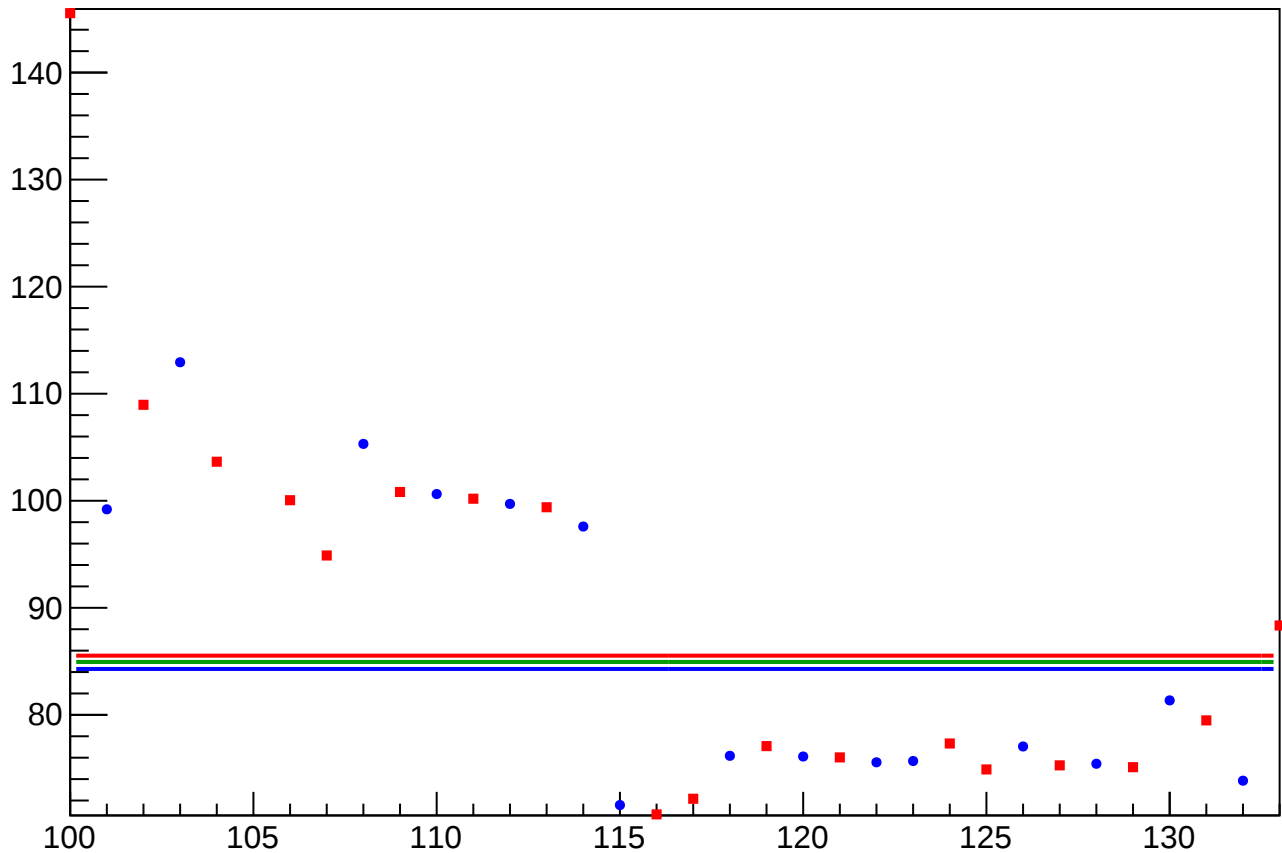
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

191.795 $\pm$ 36.017 χ^2/NDF : 15.2/14

163.781 $\pm$ 24.777 χ^2/NDF : 27.8/32

138.615 $\pm$ 34.138 χ^2/NDF : 11.5/17

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: 85.532+/-0.024 χ^2/NDF : 283782.4/17

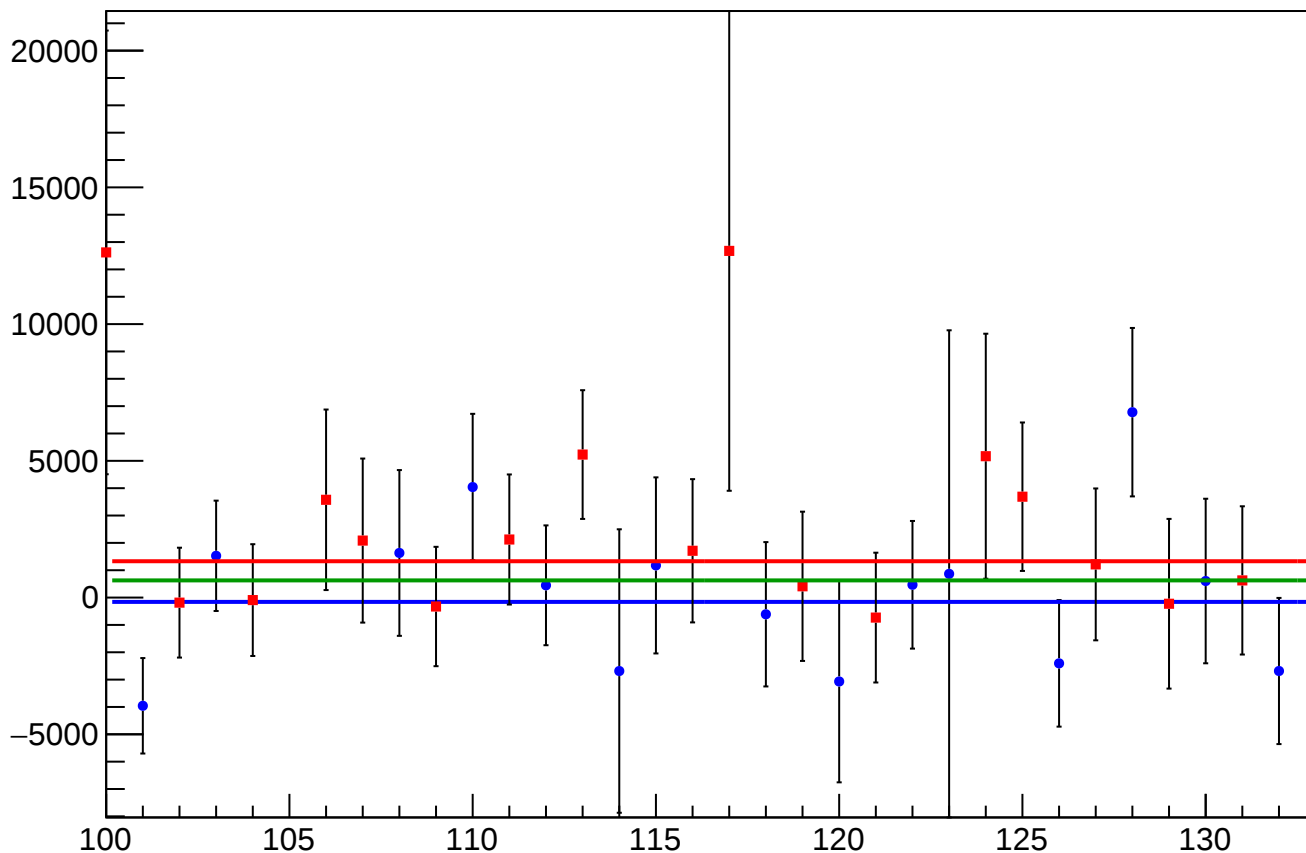
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.289+/-0.025 χ^2/NDF : 250058.5/14

84.944+/-0.018 χ^2/NDF : 535094.8/32

85.532+/-0.024 χ^2/NDF : 283782.4/17

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: 1328.712 $\pm$ 648.409 χ^2 /NDF: 11.8/17

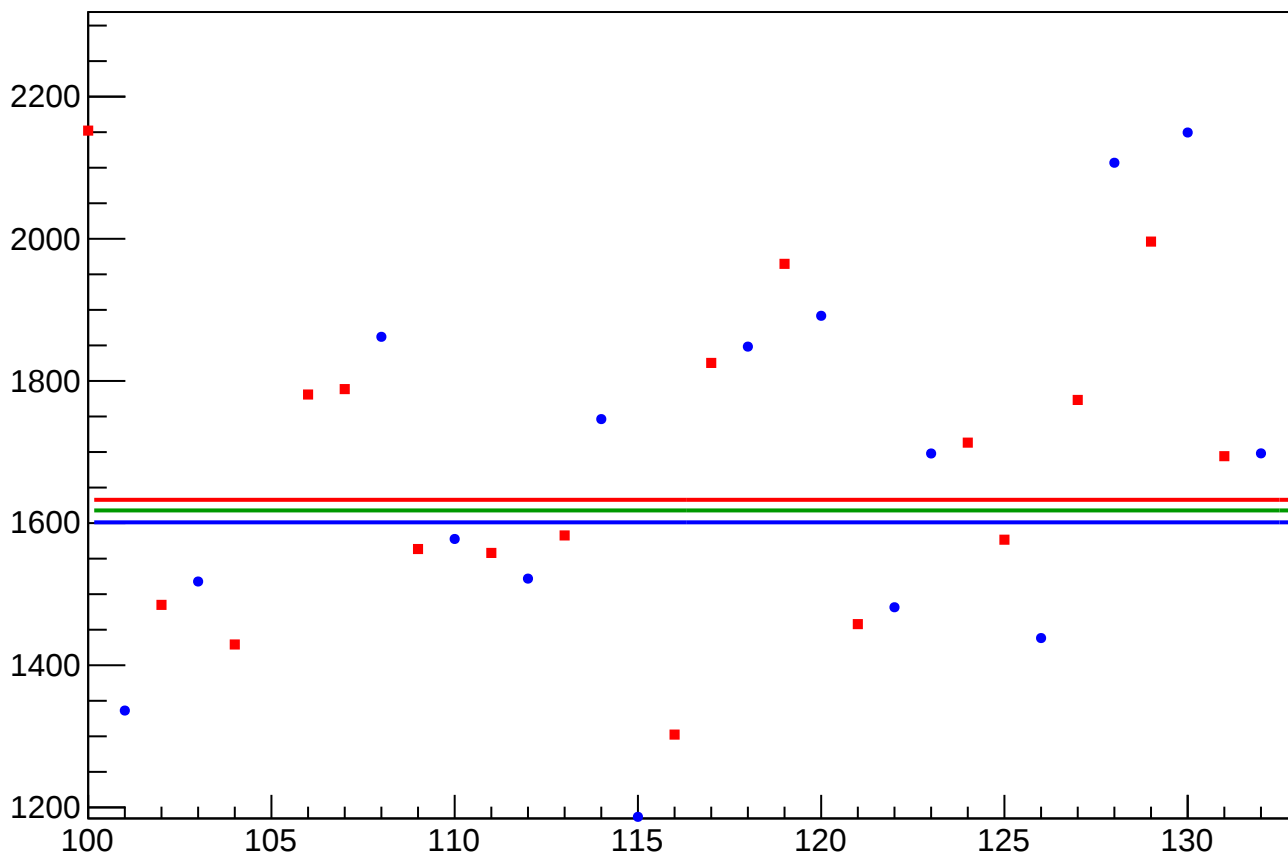
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-157.964 $\pm$ 686.766 χ^2 /NDF: 16.4/14

628.049 $\pm$ 471.471 χ^2 /NDF: 30.7/32

1328.712 $\pm$ 648.409 χ^2 /NDF: 11.8/17

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: 1632.770+/-0.458 χ^2/NDF : 236368.5/17

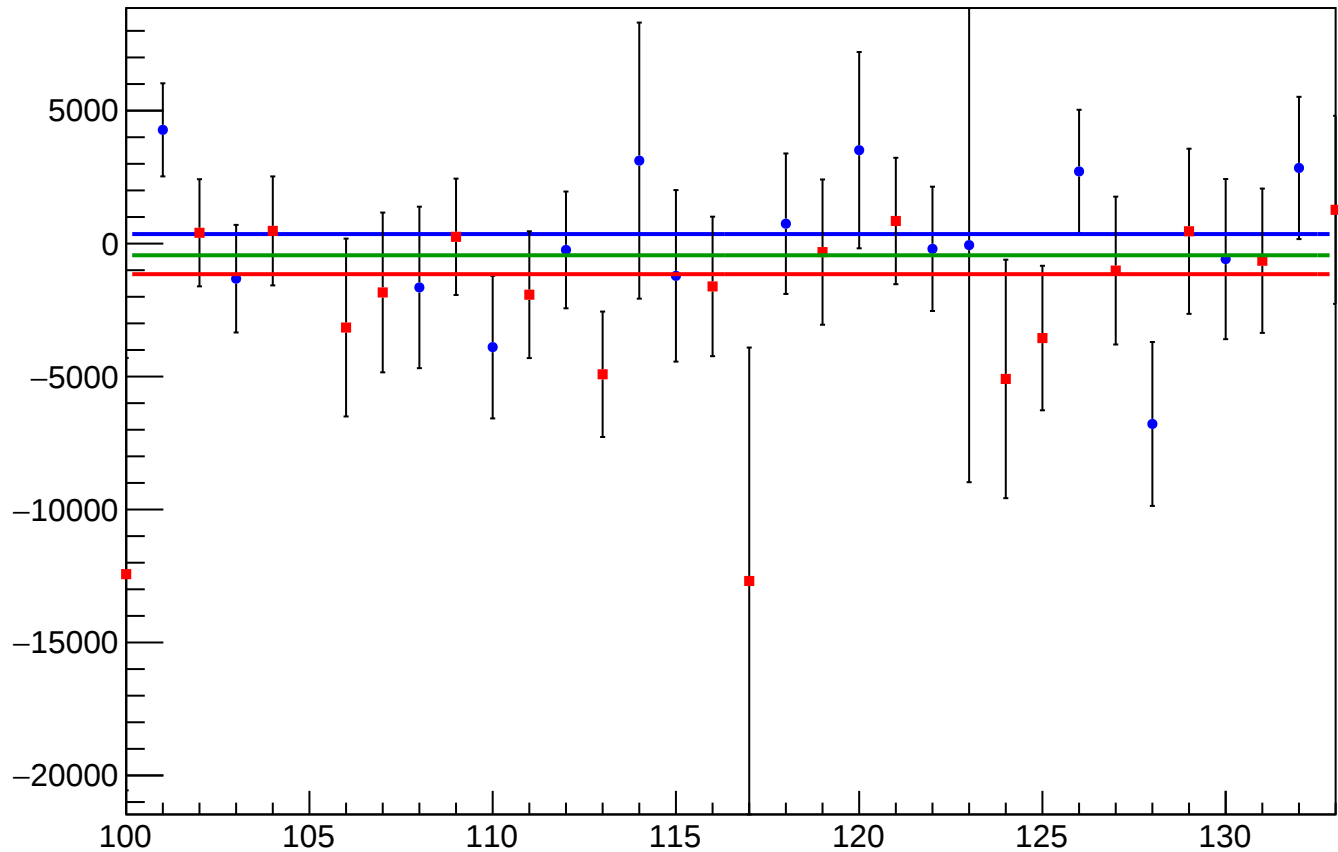
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1601.069+/-0.486 χ^2/NDF : 270142.4/14

1617.829+/-0.333 χ^2/NDF : 508763.8/32

1632.770+/-0.458 χ^2/NDF : 236368.5/17

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: -1149.500+/-649.816 χ^2/NDF : 11.5/17

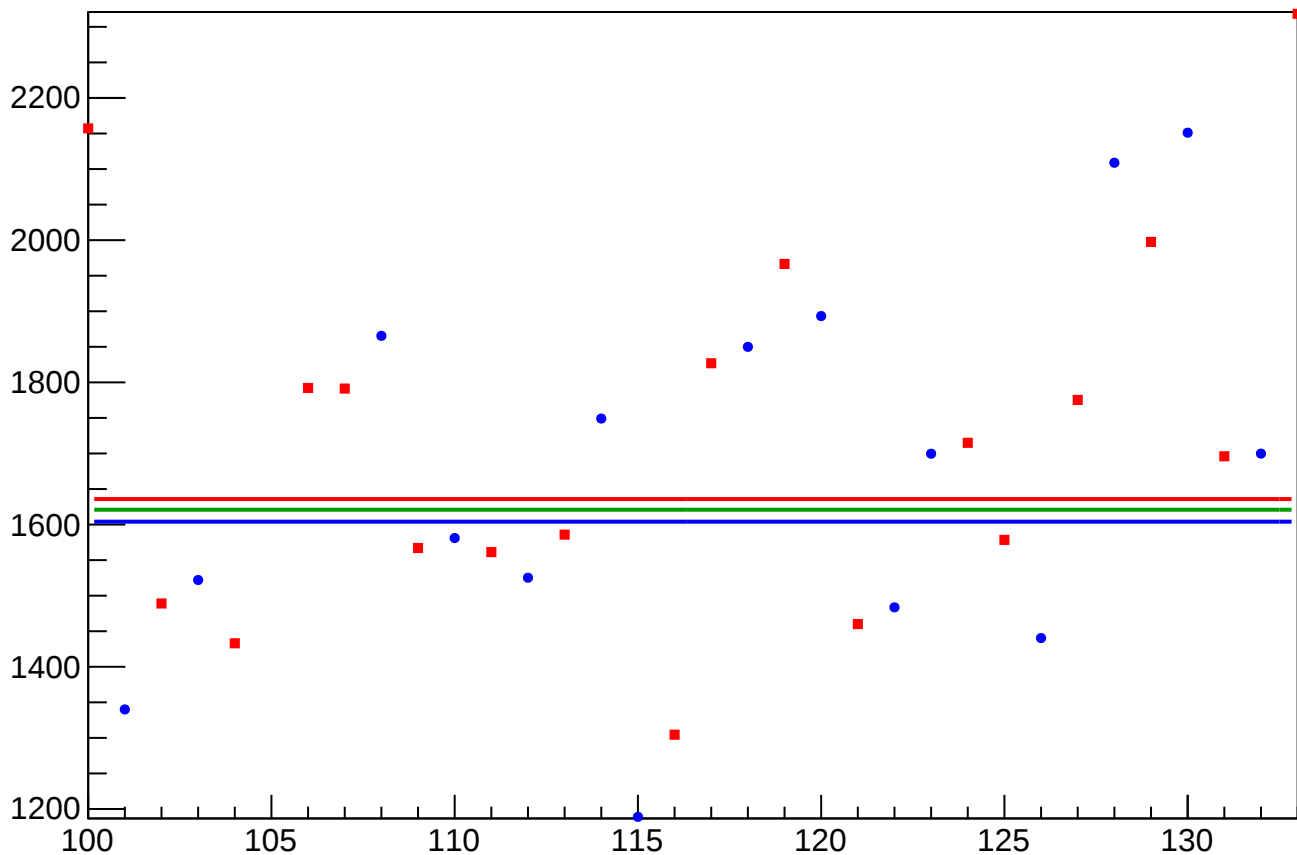
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

358.452+/-687.999 χ^2/NDF : 17.4/14

-438.527+/-472.411 χ^2/NDF : 31.5/32

-1149.500+/-649.816 χ^2/NDF : 11.5/17

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: 1635.896+/-0.459 χ^2/NDF : 235265.0/17

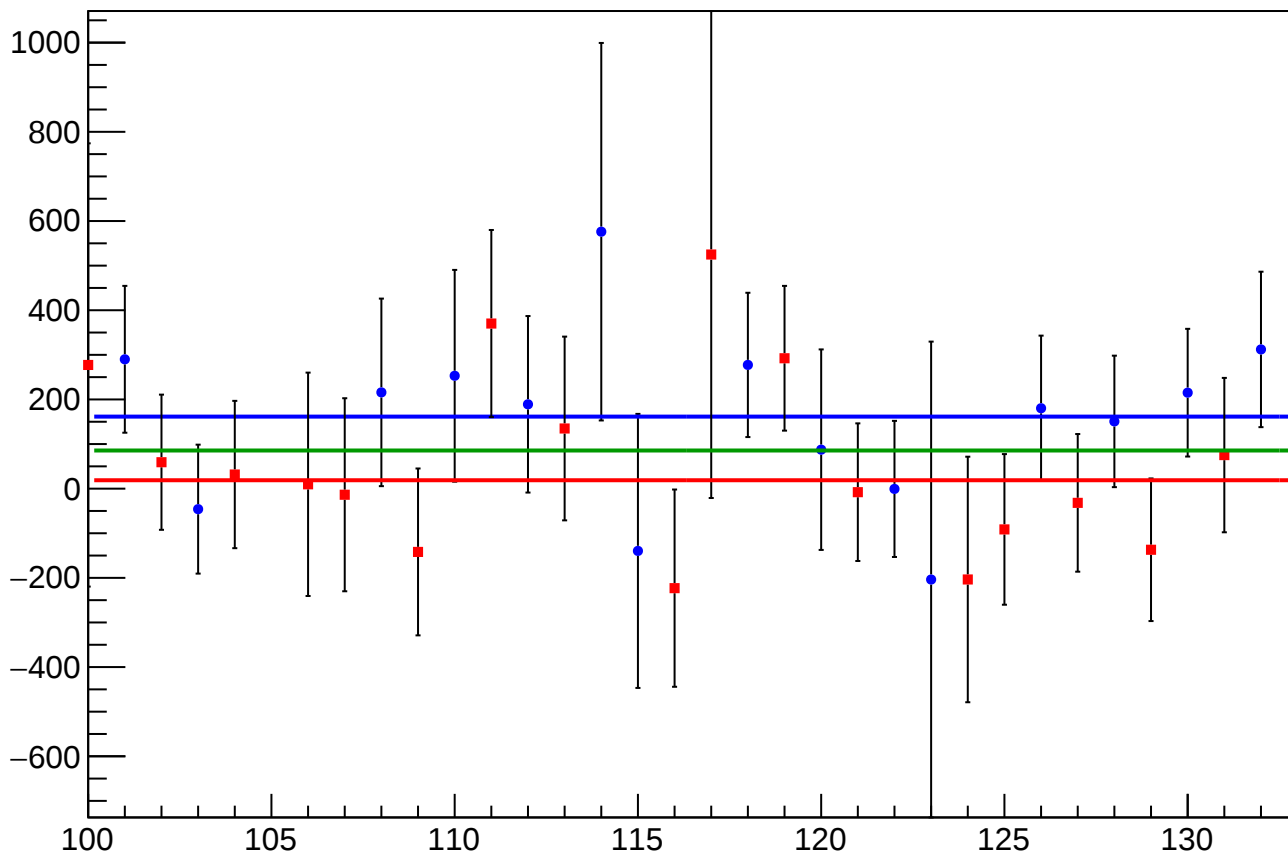
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1604.094+/-0.486 χ^2/NDF : 268384.6/14

1620.902+/-0.334 χ^2/NDF : 505908.0/32

1635.896+/-0.459 χ^2/NDF : 235265.0/17

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: 18.862 $\pm$ 44.818 χ^2 /NDF: 11.5/17

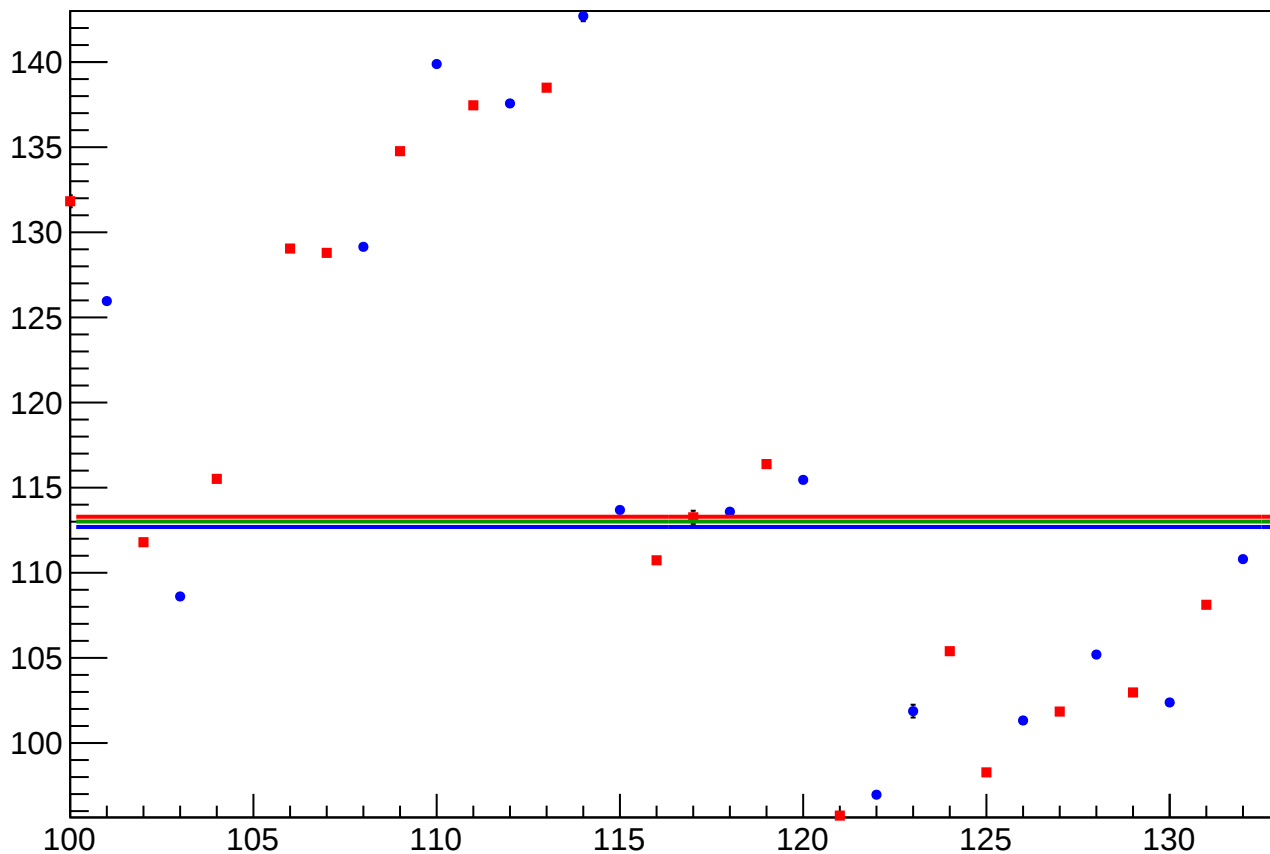
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.527 $\pm$ 47.844 χ^2 /NDF: 8.0/14

85.540 $\pm$ 32.709 χ^2 /NDF: 24.1/32

18.862 $\pm$ 44.818 χ^2 /NDF: 11.5/17

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: 113.292+/-0.032 χ^2/NDF : 170137.9/17

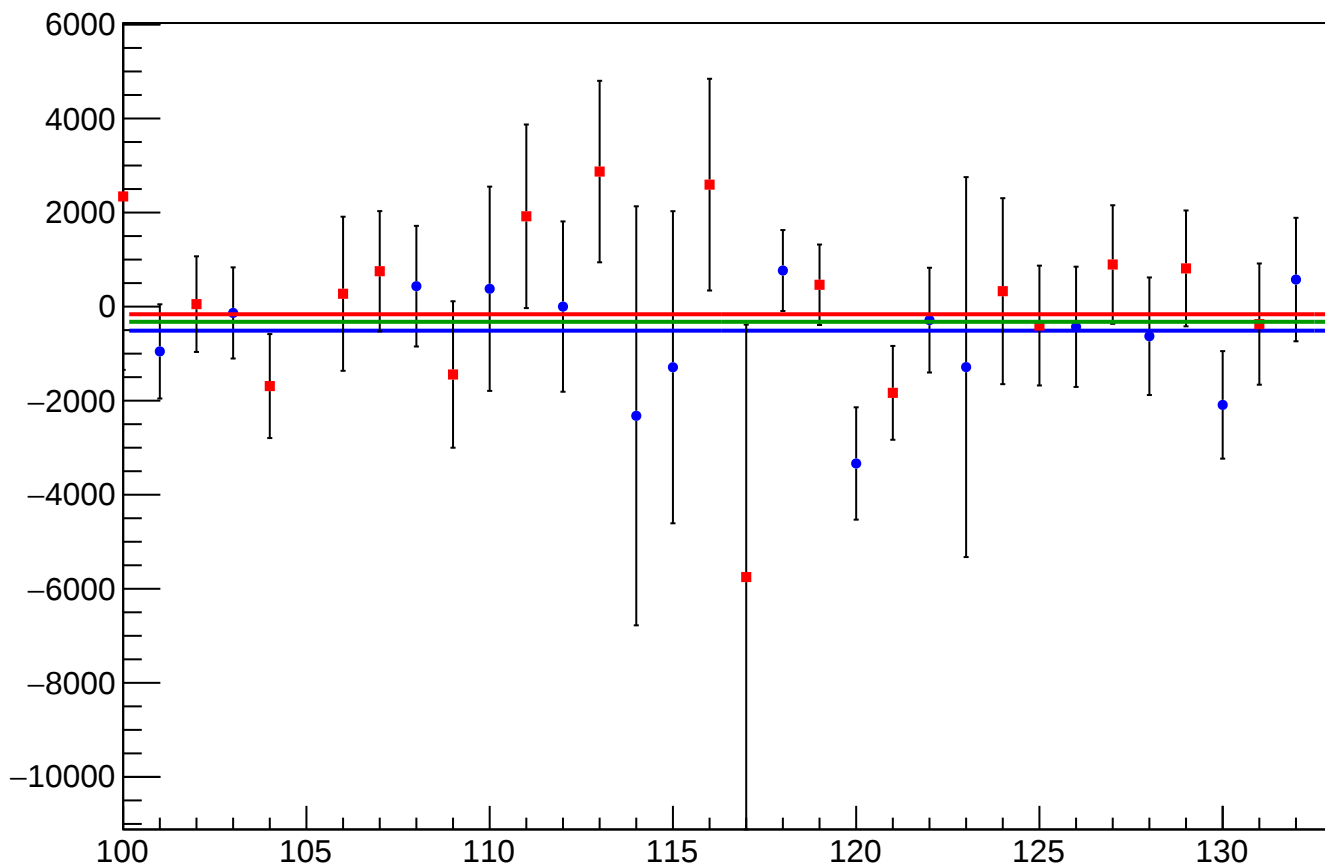
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.689+/-0.034 χ^2/NDF : 142763.2/14

113.010+/-0.023 χ^2/NDF : 313070.4/32

113.292+/-0.032 χ^2/NDF : 170137.9/17

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: -162.352+/-310.444 χ^2/NDF : 16.2/17

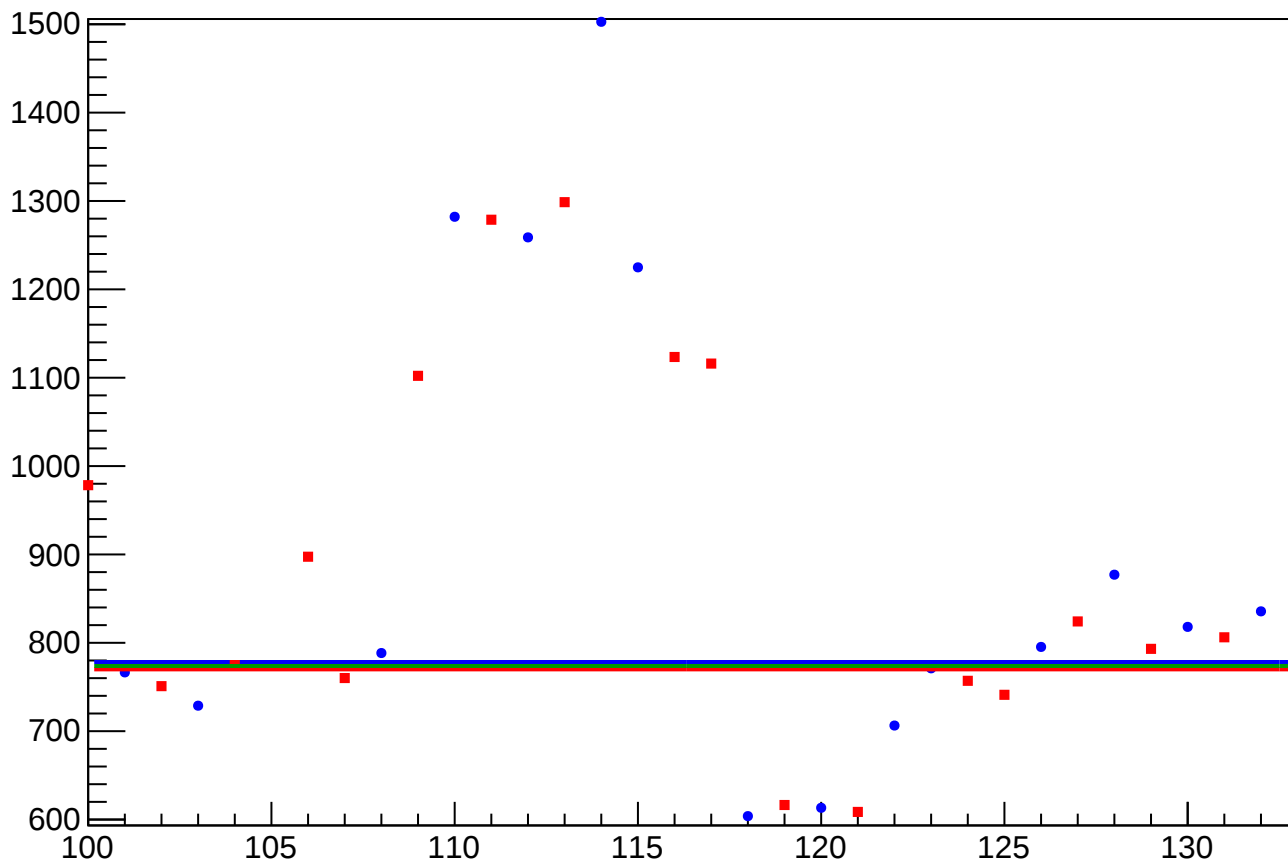
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-511.524+/-336.272 χ^2/NDF : 11.8/14

-323.015+/-228.102 χ^2/NDF : 28.7/32

-162.352+/-310.444 χ^2/NDF : 16.2/17

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: 769.941+/-0.220 χ^2/NDF : 653622.6/17

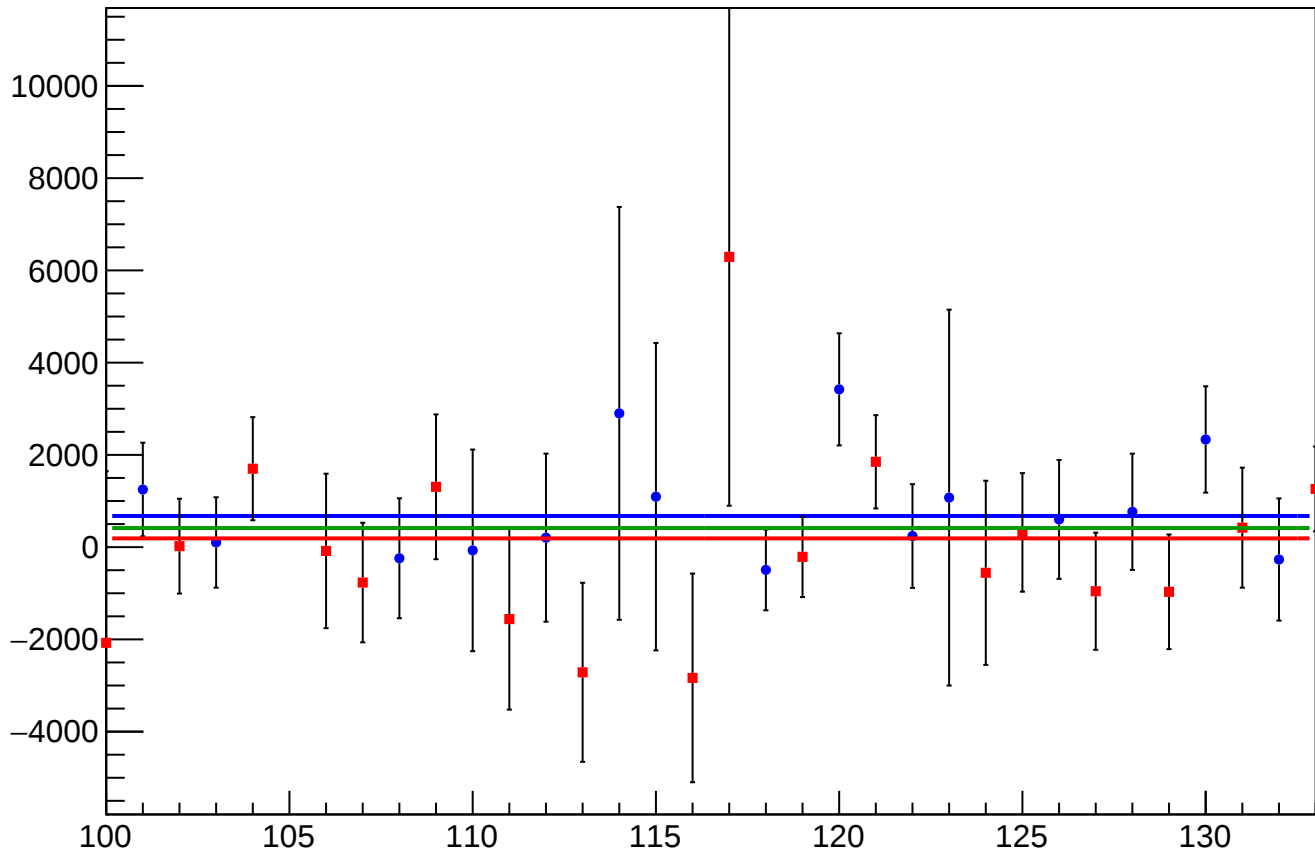
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

778.285+/-0.238 χ^2/NDF : 490940.3/14

773.780+/-0.161 χ^2/NDF : 1145227.7/32

769.941+/-0.220 χ^2/NDF : 653622.6/17

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: 189.874 $\pm$ 314.376 χ^2/NDF : 15.5/17

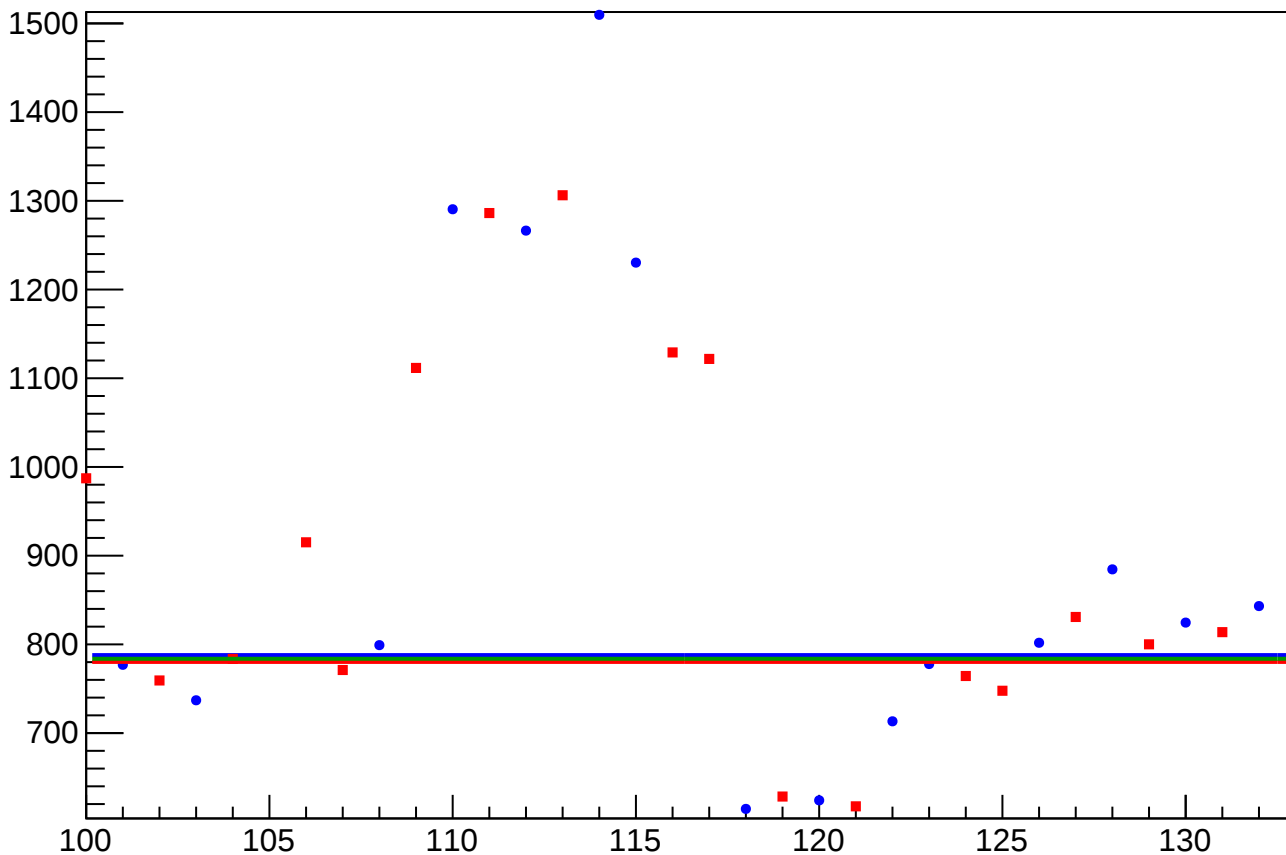
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

675.920 $\pm$ 340.201 χ^2/NDF : 11.2/14

413.751 $\pm$ 230.888 χ^2/NDF : 27.9/32

189.874 $\pm$ 314.376 χ^2/NDF : 15.5/17

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: 780.242+/-0.222 χ^2/NDF : 636379.2/17

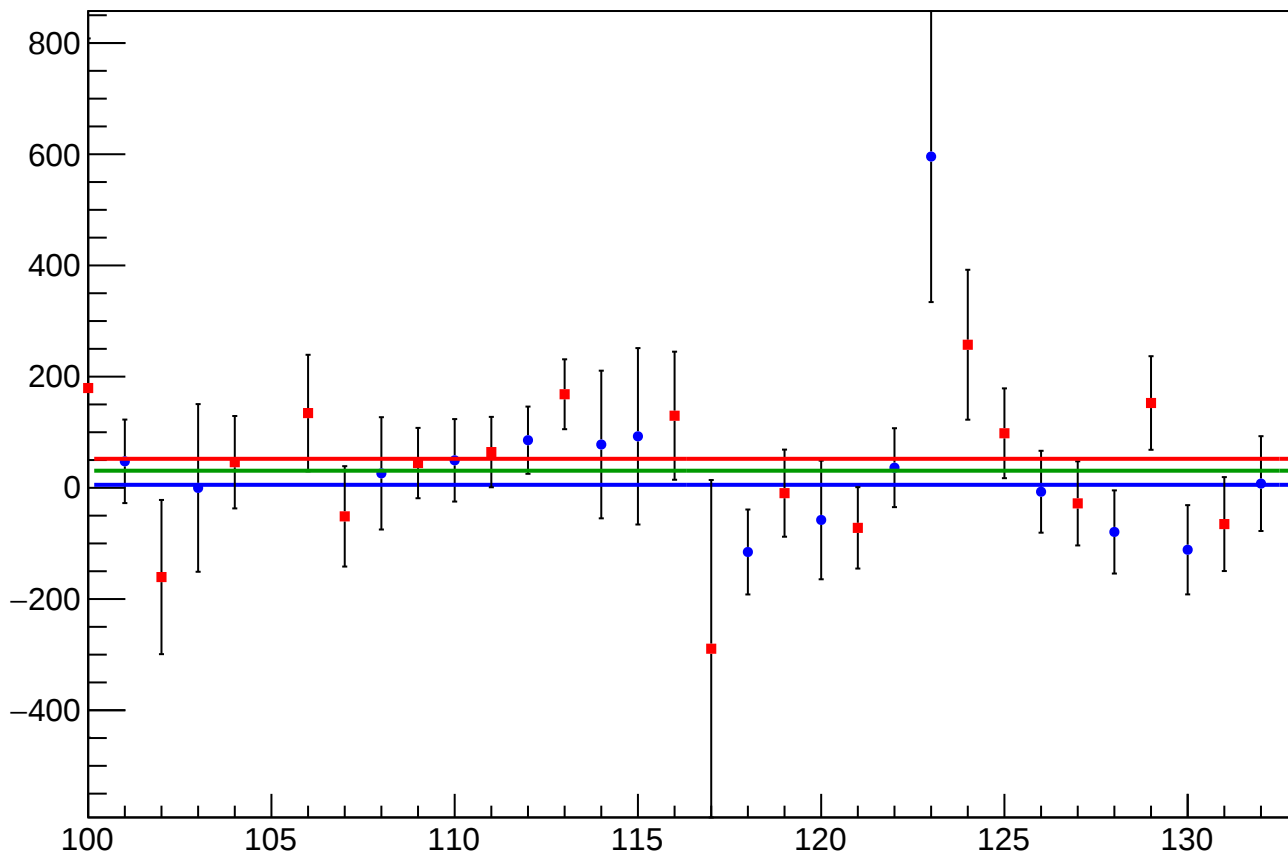
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

787.931+/-0.241 χ^2/NDF : 477753.3/14

783.784+/-0.163 χ^2/NDF : 1114683.7/32

780.242+/-0.222 χ^2/NDF : 636379.2/17

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: 52.221 $\pm$ 20.541 χ^2 /NDF: 22.4/17

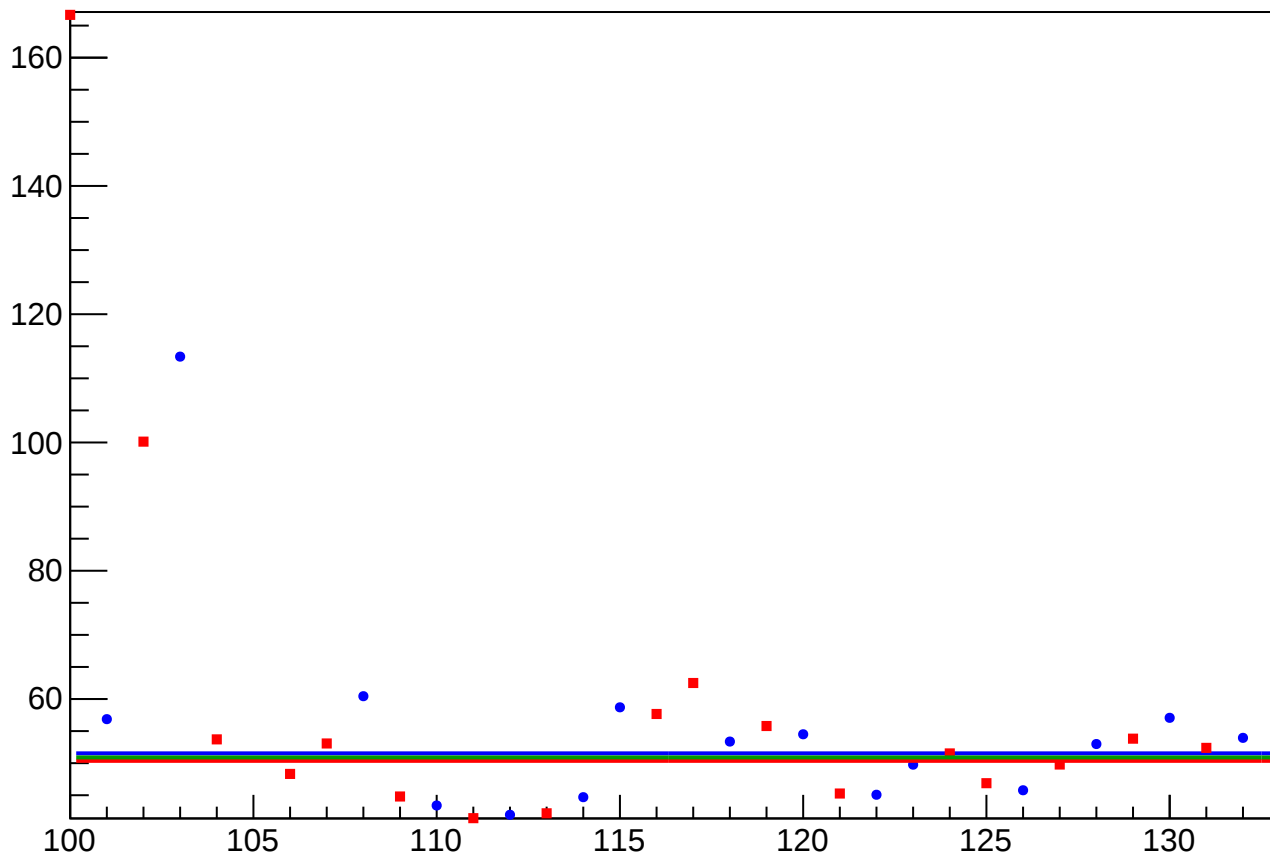
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.440 $\pm$ 22.364 χ^2 /NDF: 14.6/14

30.815 $\pm$ 15.128 χ^2 /NDF: 39.4/32

52.221 $\pm$ 20.541 χ^2 /NDF: 22.4/17

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: 50.361+/-0.015 χ^2/NDF : 495554.8/17

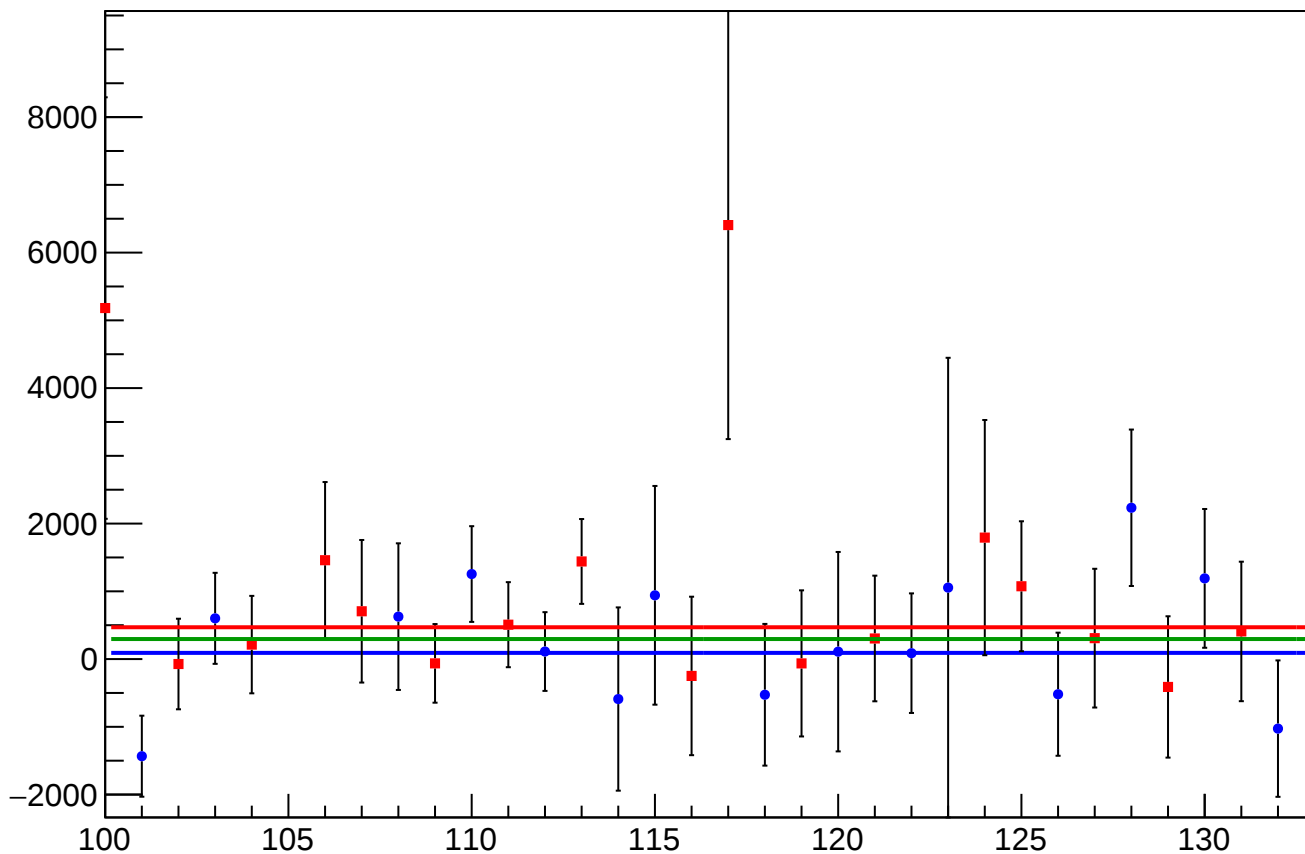
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.528+/-0.016 χ^2/NDF : 489329.8/14

50.895+/-0.011 χ^2/NDF : 987838.1/32

50.361+/-0.015 χ^2/NDF : 495554.8/17

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 91.454+/-233.075 χ^2/NDF : 17.3/14

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

Right Out: 469.638+/-215.015 χ^2/NDF : 13.1/17

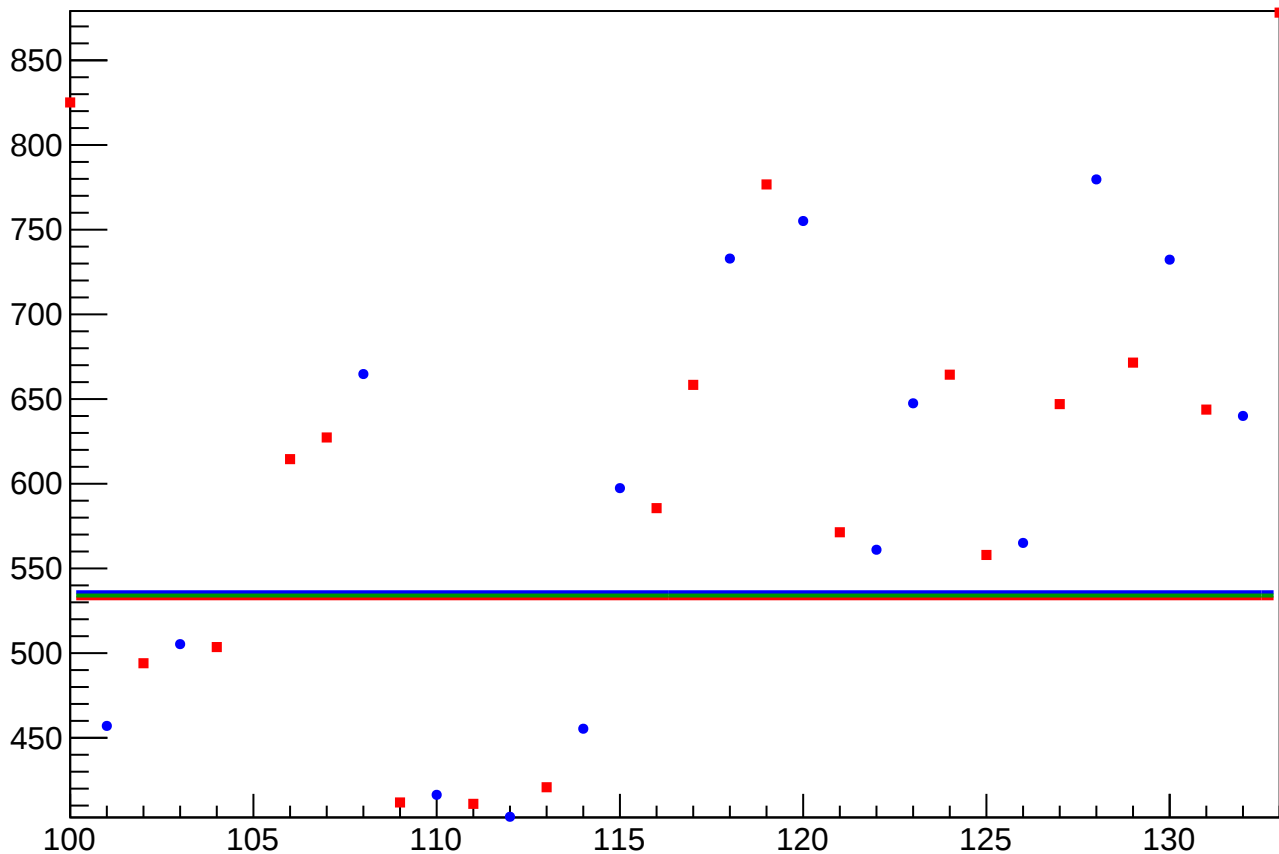
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.454+/-233.075 χ^2/NDF : 17.3/14

295.764+/-158.038 χ^2/NDF : 31.8/32

469.638+/-215.015 χ^2/NDF : 13.1/17

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: 532.373+/-0.152 χ^2/NDF : 622445.6/17

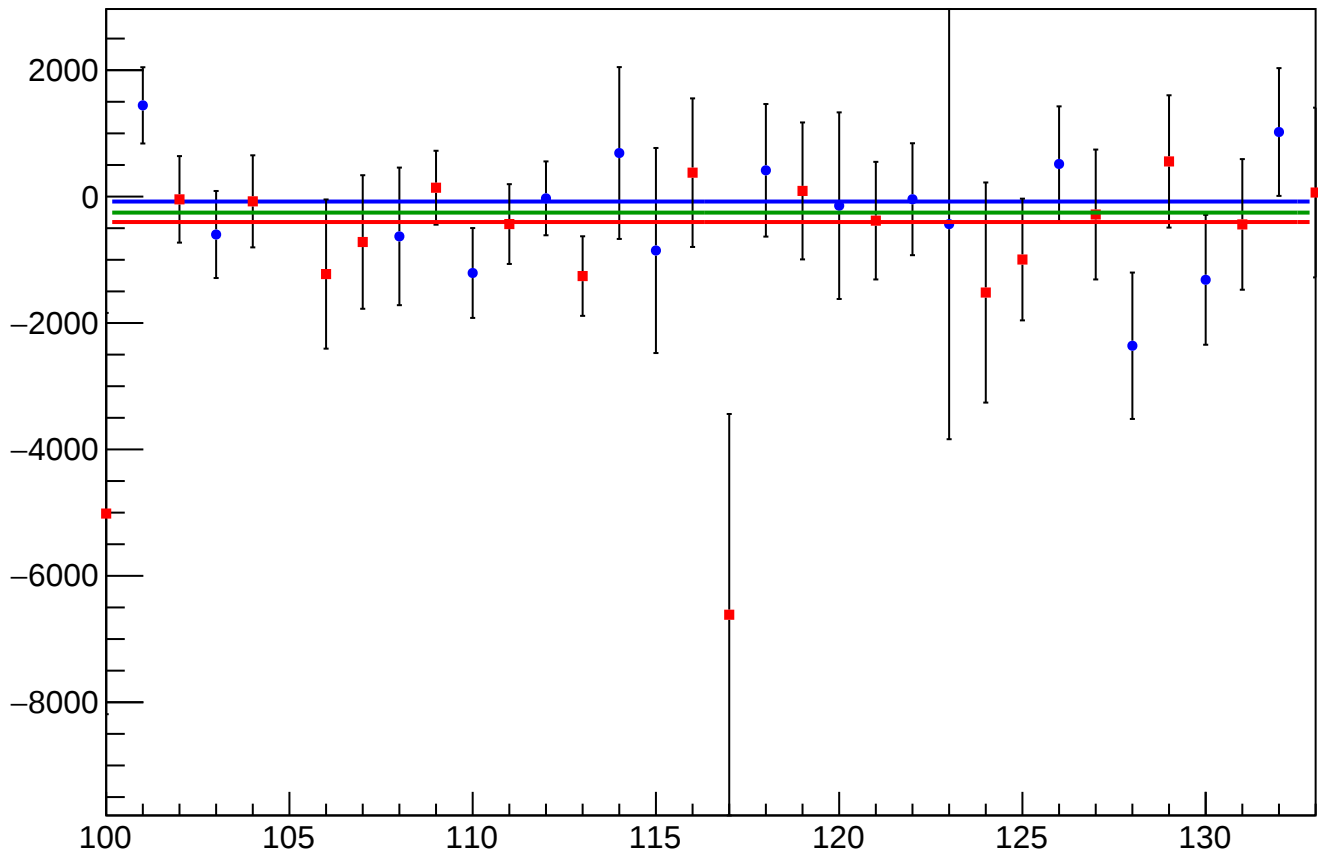
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

535.951+/-0.165 χ^2/NDF : 543799.6/14

534.018+/-0.112 χ^2/NDF : 1166499.9/32

532.373+/-0.152 χ^2/NDF : 622445.6/17

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: -402.535 ± 216.753 χ^2/NDF : 12.1/17

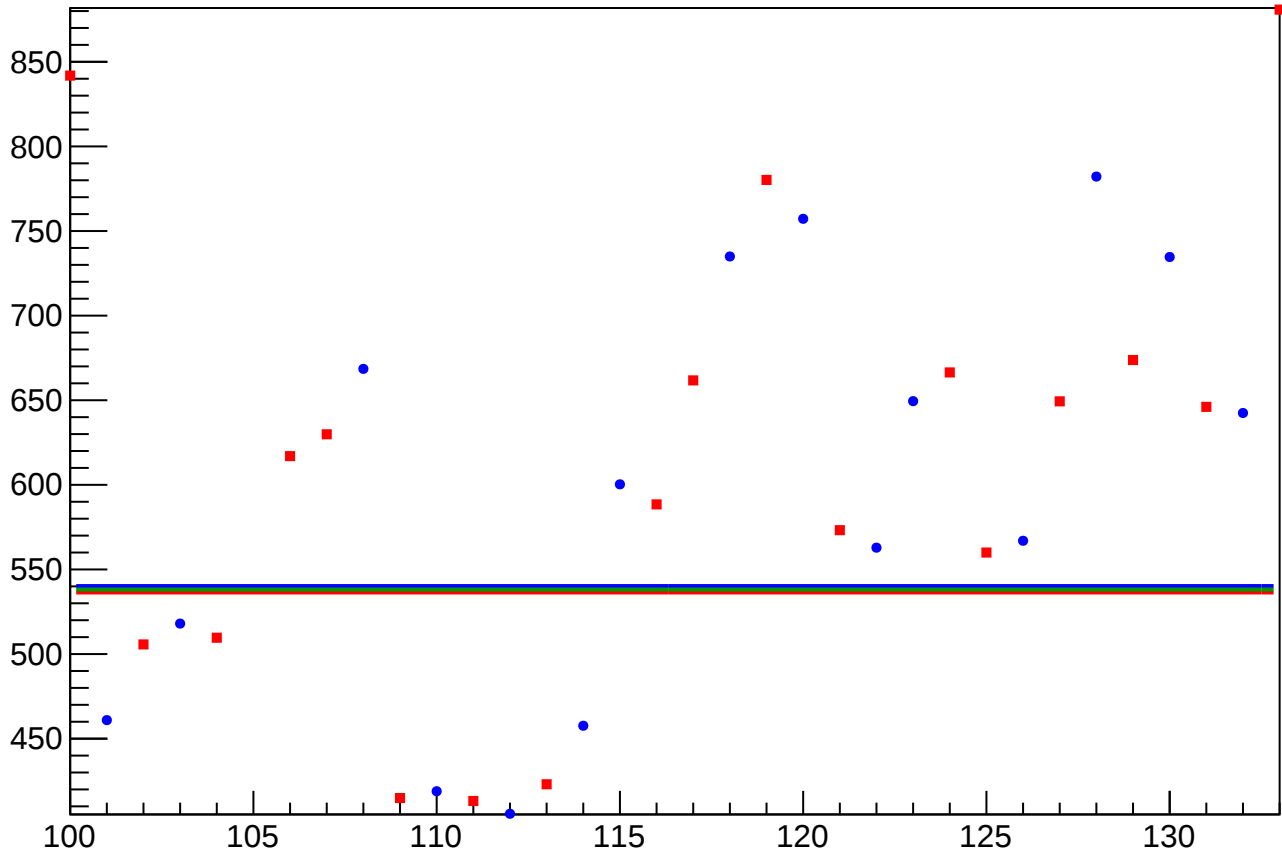
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-78.180 ± 234.819 χ^2/NDF : 17.5/14

-253.313 ± 159.272 χ^2/NDF : 30.6/32

-402.535 ± 216.753 χ^2/NDF : 12.1/17

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: 536.397+/-0.153 χ^2/NDF : 614318.0/17

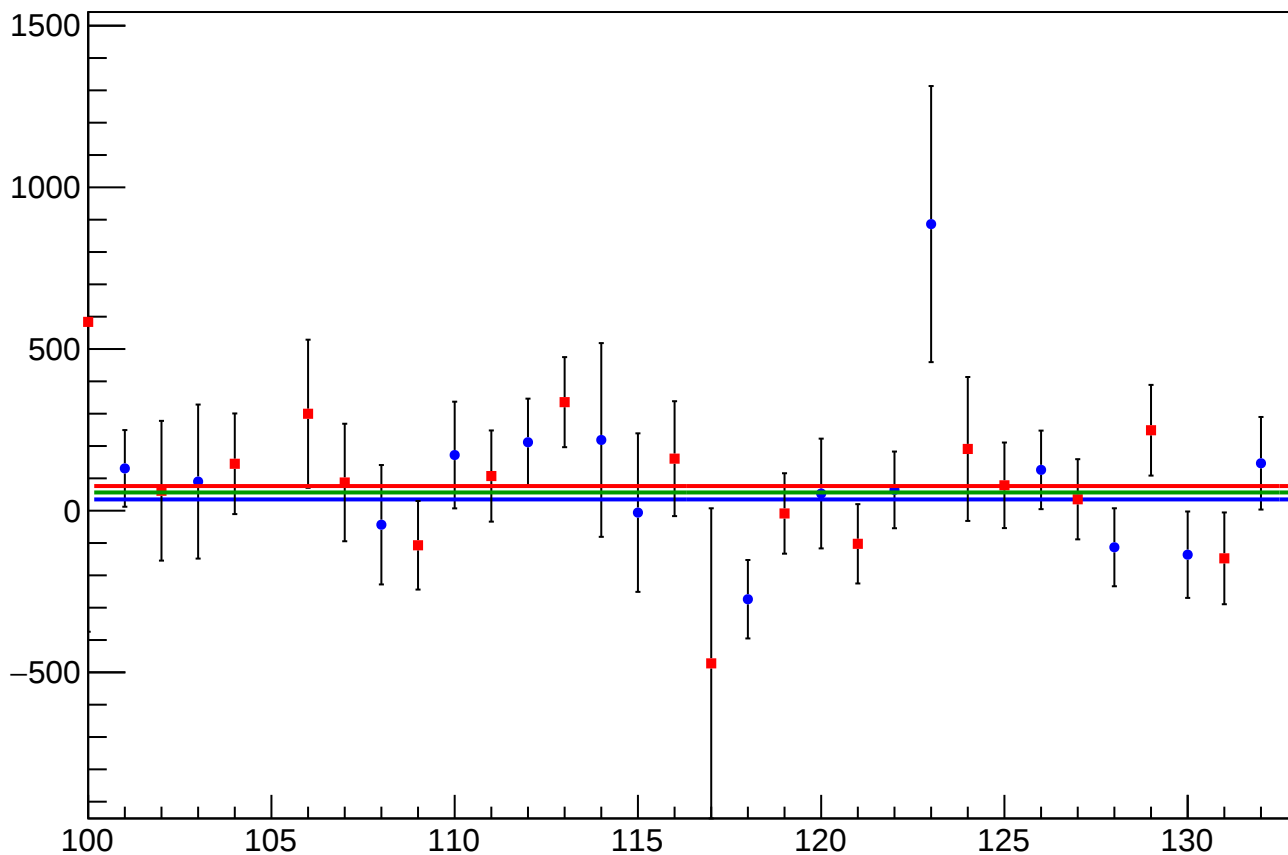
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

540.190+/-0.166 χ^2/NDF : 535546.1/14

538.142+/-0.113 χ^2/NDF : 1150145.9/32

536.397+/-0.153 χ^2/NDF : 614318.0/17

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: 76.189+/-37.380 χ^2/NDF : 16.4/17

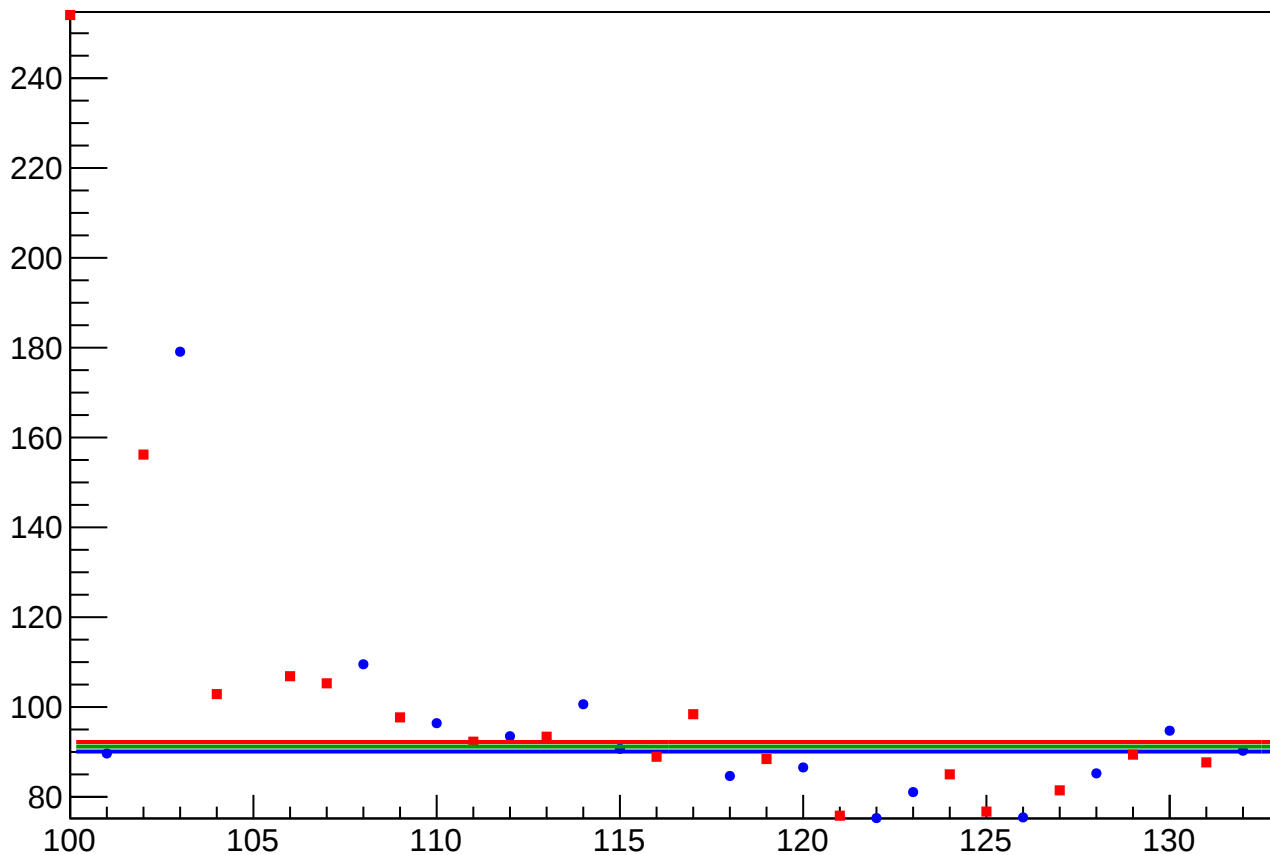
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.810+/-38.980 χ^2/NDF : 18.5/14

56.366+/-26.979 χ^2/NDF : 35.6/32

76.189+/-37.380 χ^2/NDF : 16.4/17

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: 92.214 $\pm$ 0.026 χ^2 /NDF: 362610.6/17

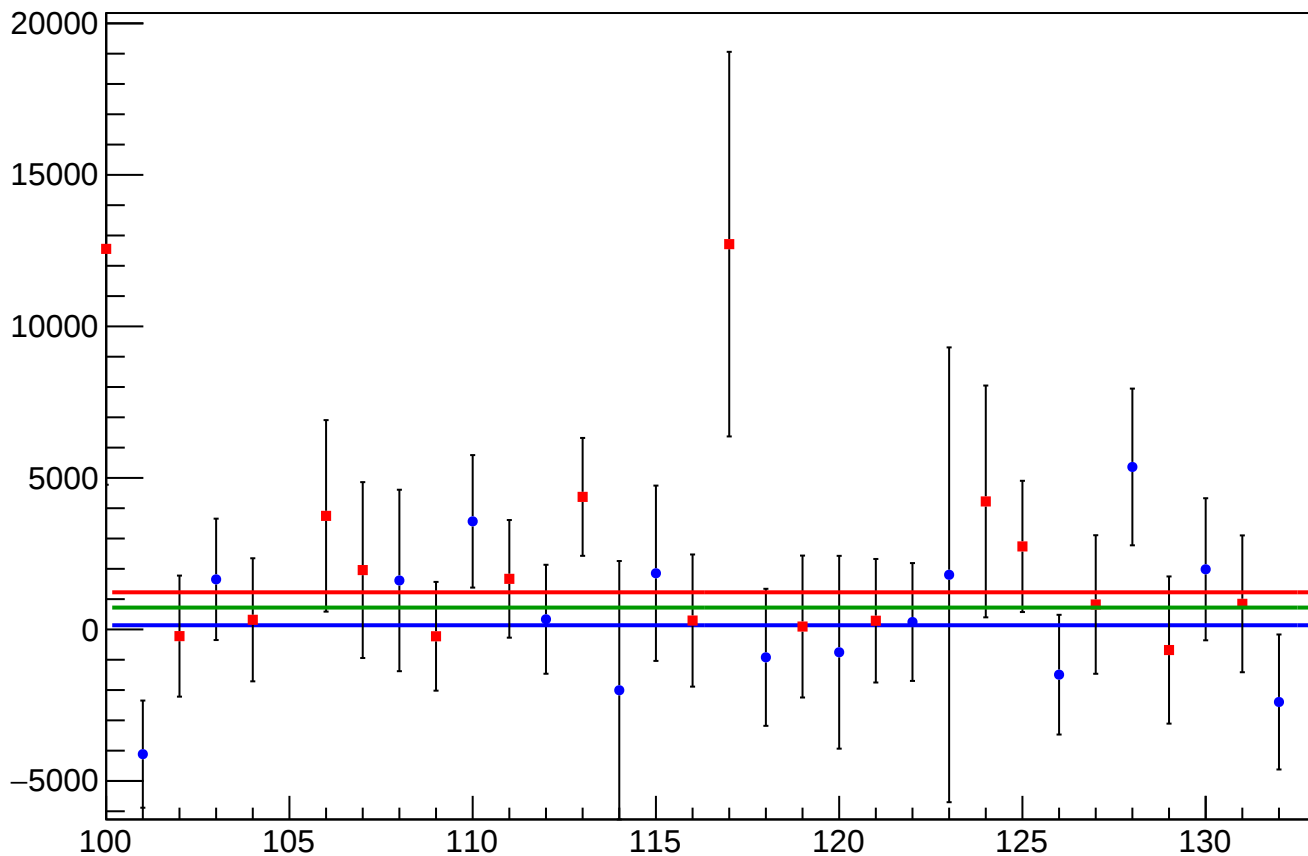
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

90.092 $\pm$ 0.028 χ^2 /NDF: 379890.9/14

91.198 $\pm$ 0.019 χ^2 /NDF: 745590.1/32

92.214 $\pm$ 0.026 χ^2 /NDF: 362610.6/17

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: 1225.540+/-561.360 χ^2/NDF : 12.8/17

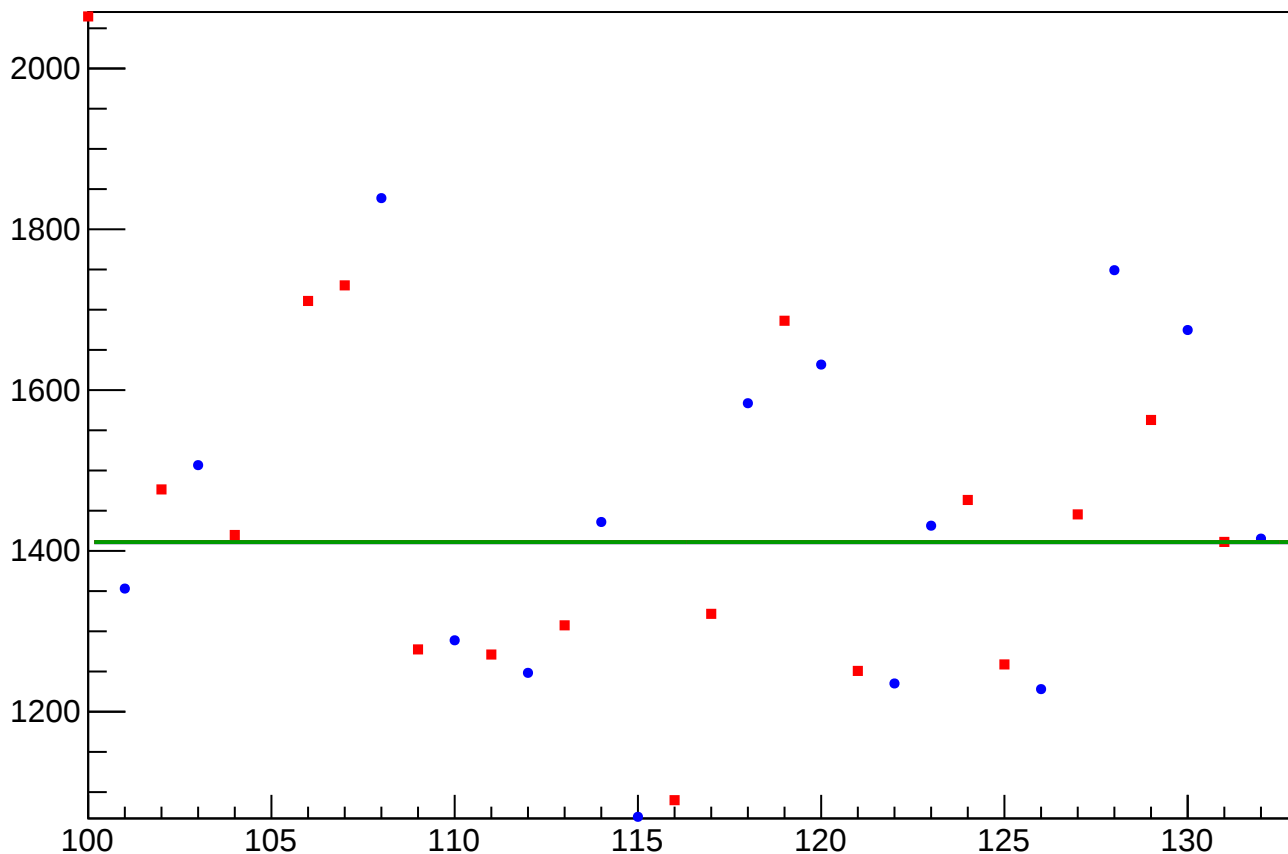
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.156+/-604.131 χ^2/NDF : 16.7/14

721.699+/-411.231 χ^2/NDF : 31.2/32

1225.540+/-561.360 χ^2/NDF : 12.8/17

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: 1411.007 $\pm$ 0.397 χ^2 /NDF: 262337.1/17

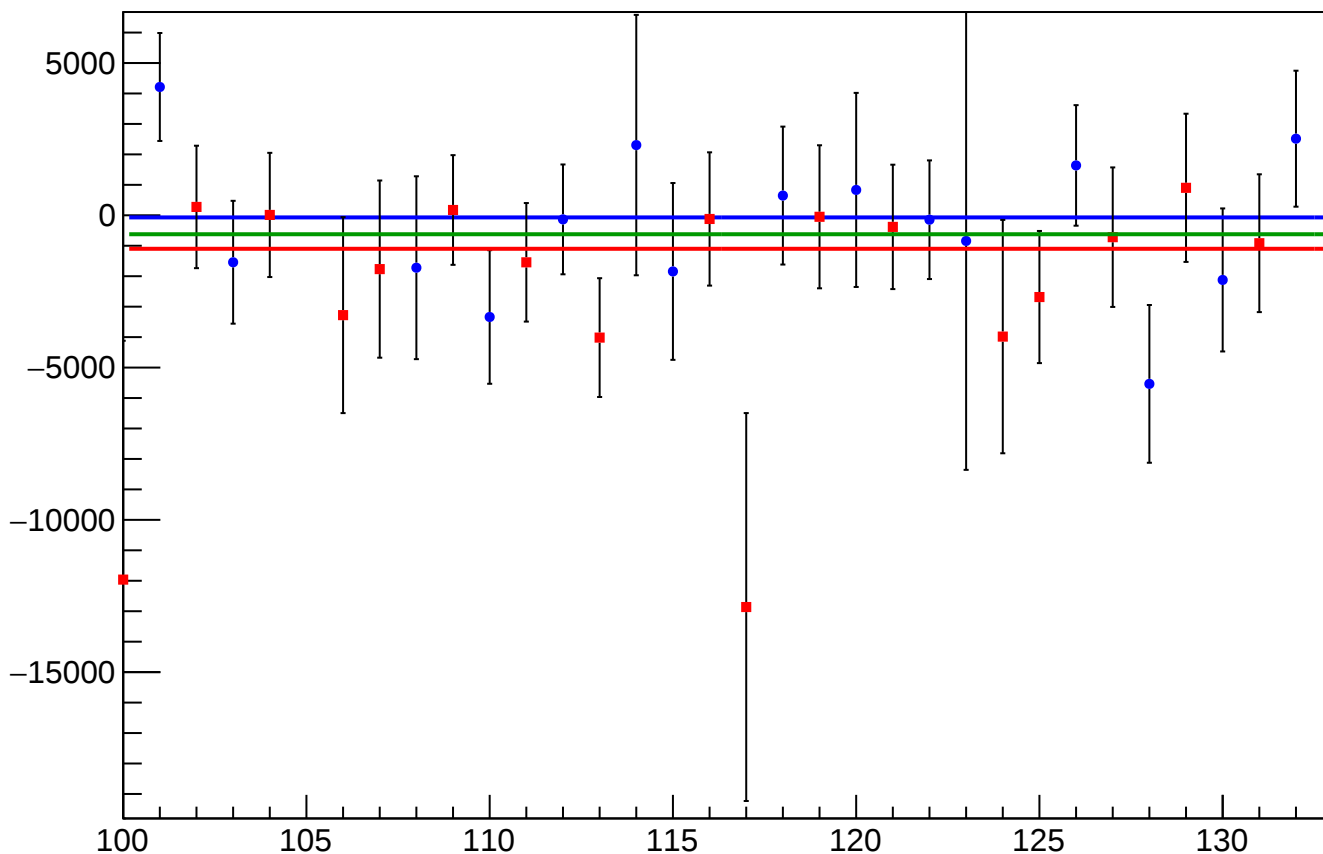
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1410.897 $\pm$ 0.427 χ^2 /NDF: 212486.5/14

1410.956 $\pm$ 0.291 χ^2 /NDF: 474823.6/32

1411.007 $\pm$ 0.397 χ^2 /NDF: 262337.1/17

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: -1099.605 ± 563.285 χ^2/NDF : 12.0/17

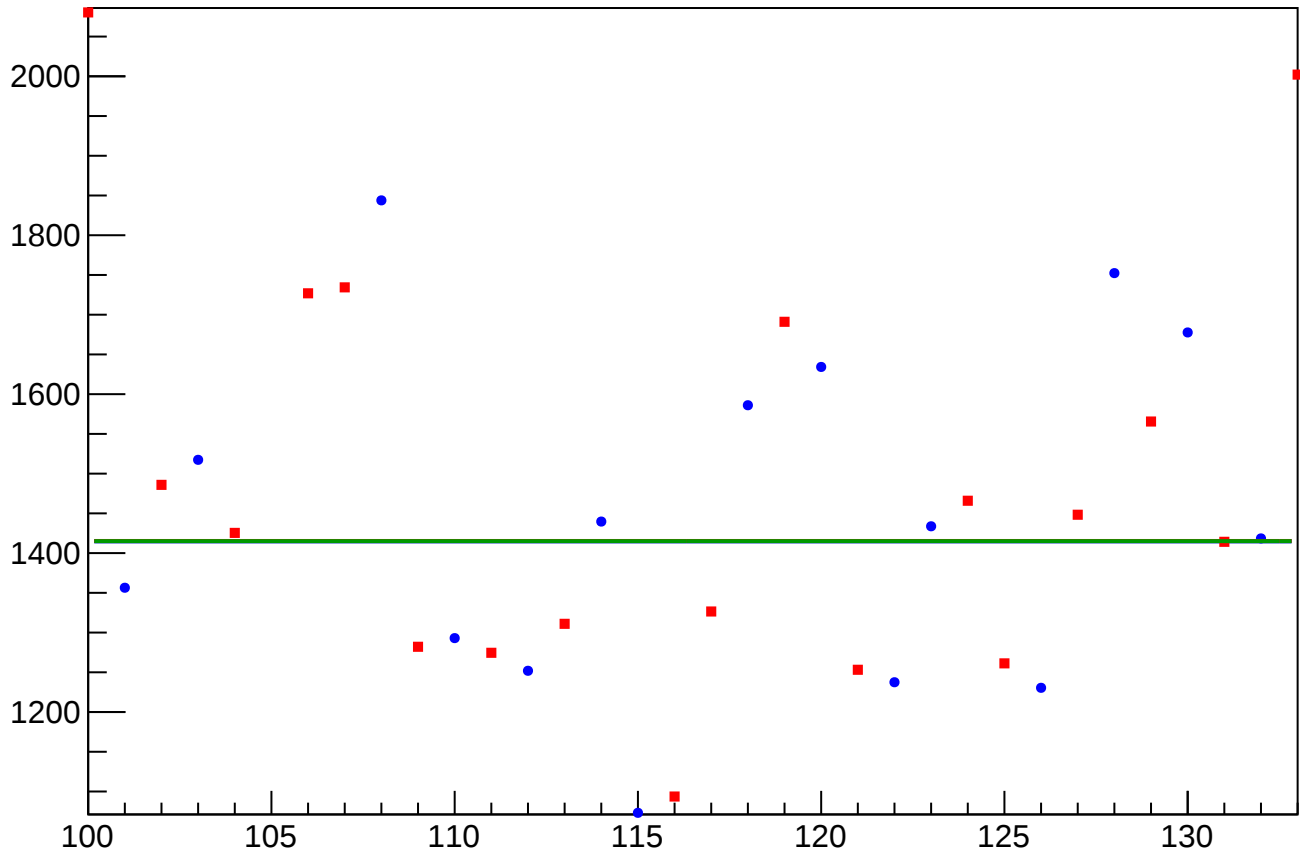
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-69.403 ± 605.779 χ^2/NDF : 17.1/14

-621.901 ± 412.508 χ^2/NDF : 30.6/32

-1099.605 ± 563.285 χ^2/NDF : 12.0/17

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: 1415.251+/-0.398 χ^2/NDF : 263056.1/17

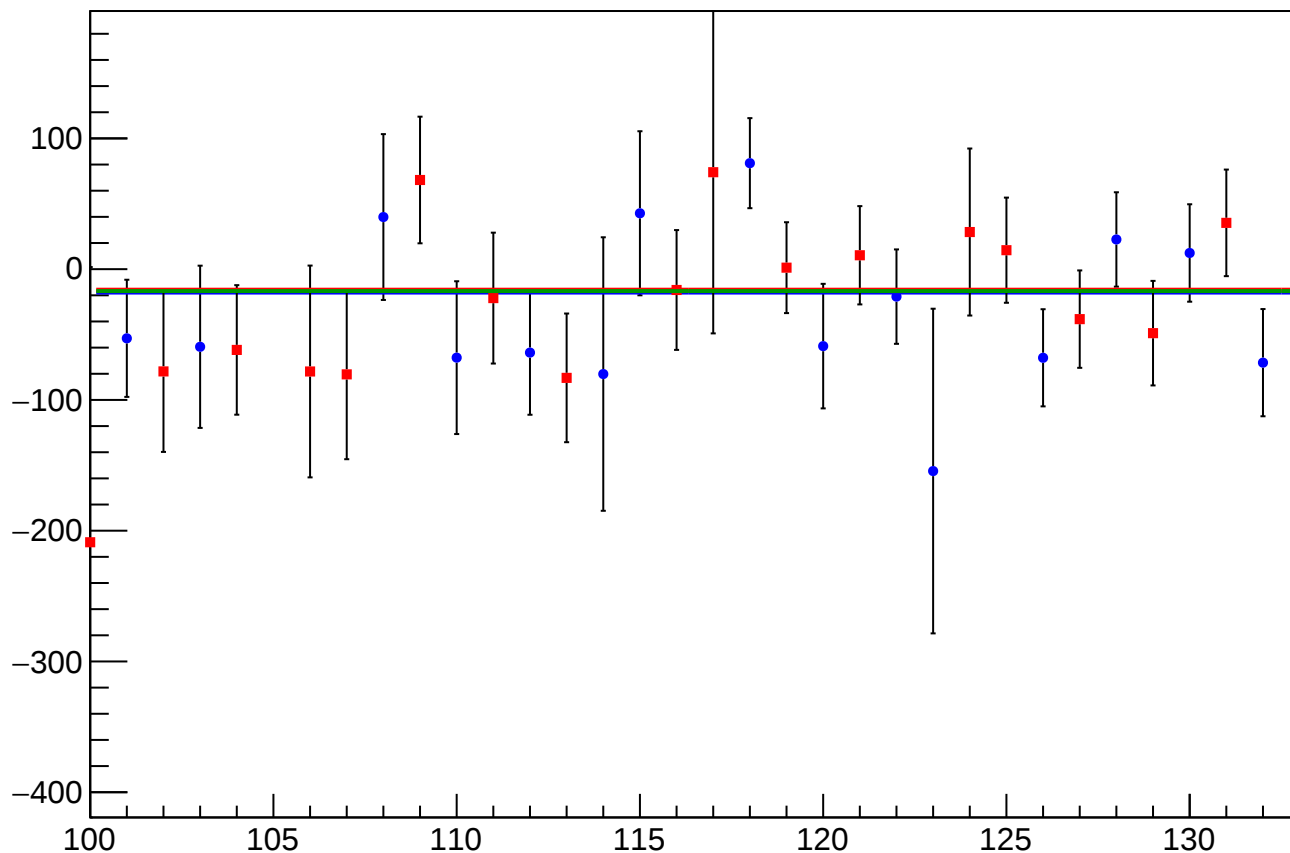
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1414.780+/-0.428 χ^2/NDF : 212341.6/14

1415.033+/-0.292 χ^2/NDF : 475398.4/32

1415.251+/-0.398 χ^2/NDF : 263056.1/17

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: -15.706 ± 11.408 χ^2/NDF : 14.2/17

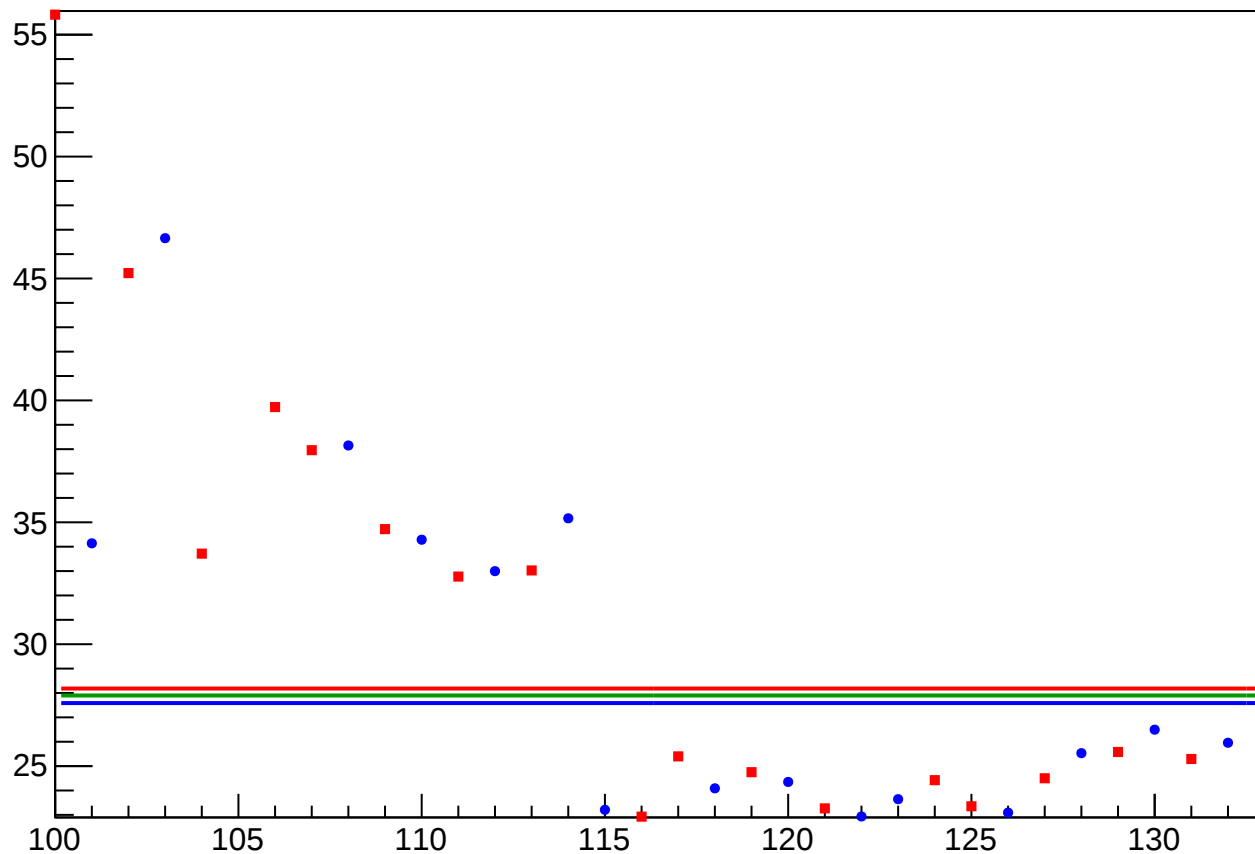
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-17.884 ± 11.942 χ^2/NDF : 20.5/14

-16.746 ± 8.249 χ^2/NDF : 34.7/32

-15.706 ± 11.408 χ^2/NDF : 14.2/17

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: 28.182+/-0.008 χ^2/NDF : 529421.1/17

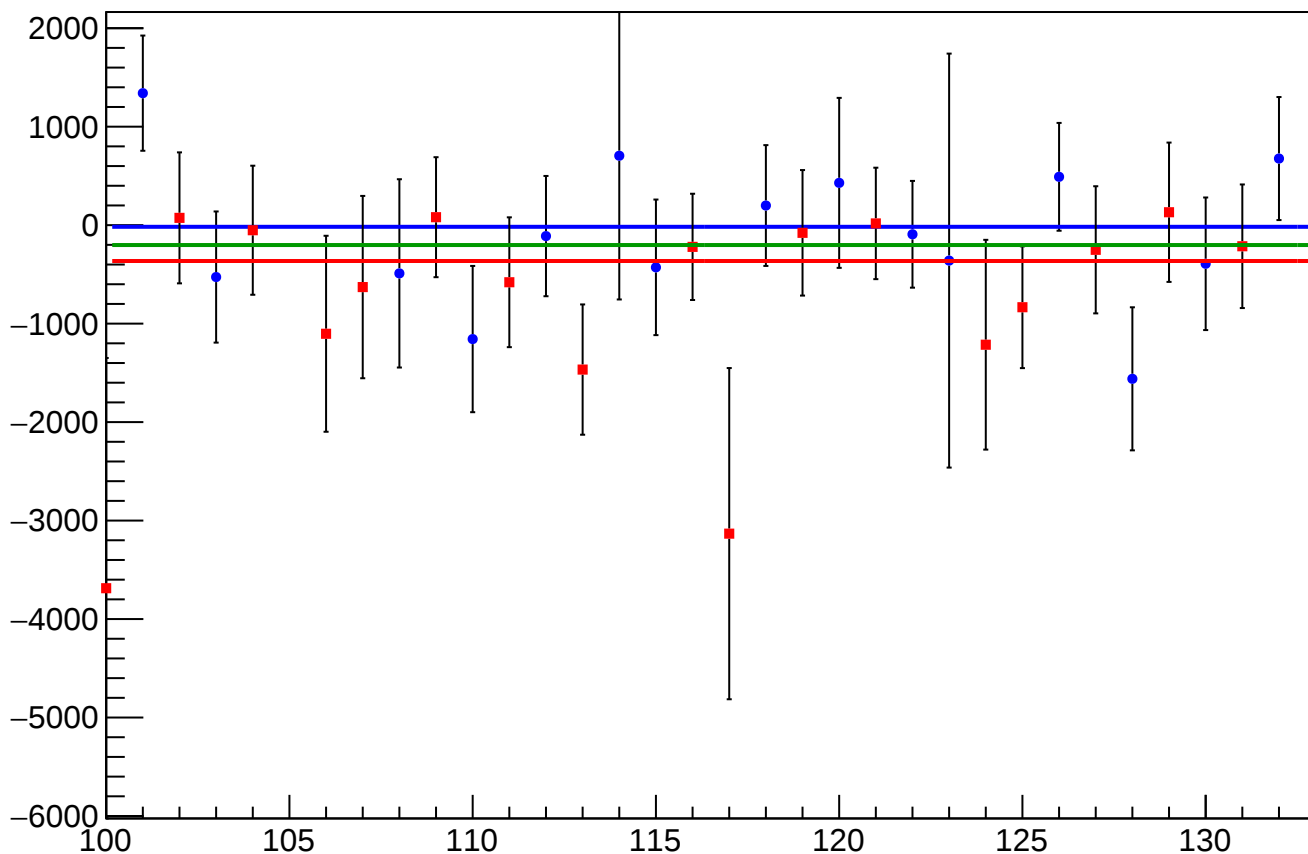
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.586+/-0.008 χ^2/NDF : 465440.1/14

27.897+/-0.006 χ^2/NDF : 997468.1/32

28.182+/-0.008 χ^2/NDF : 529421.1/17

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -16.745 ± 179.670 χ^2/NDF : 16.6/14

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

Right Out: -364.006 ± 168.074 χ^2/NDF : 12.3/17

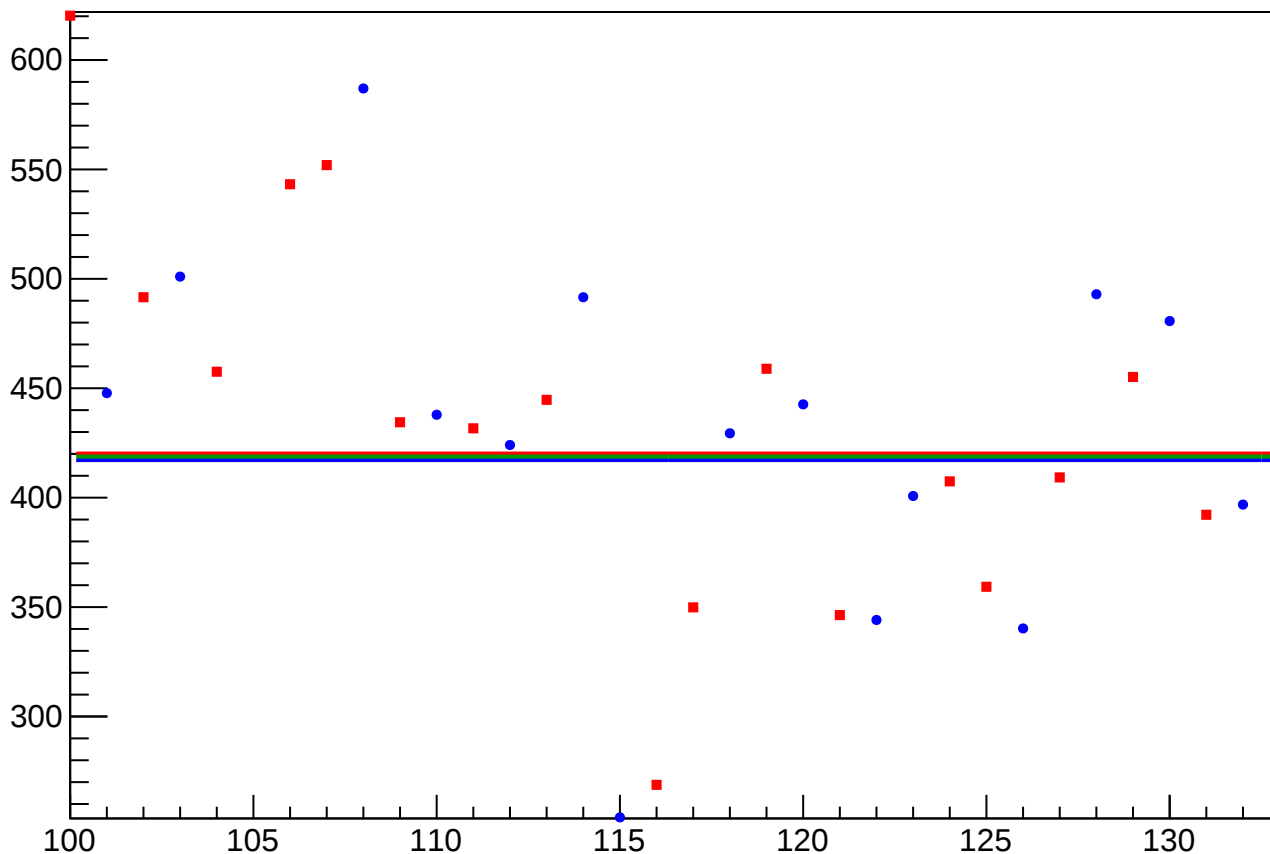
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-16.745 ± 179.670 χ^2/NDF : 16.6/14

-201.943 ± 122.741 χ^2/NDF : 30.9/32

-364.006 ± 168.074 χ^2/NDF : 12.3/17

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: 420.164+/-0.119 χ^2/NDF : 406378.4/17

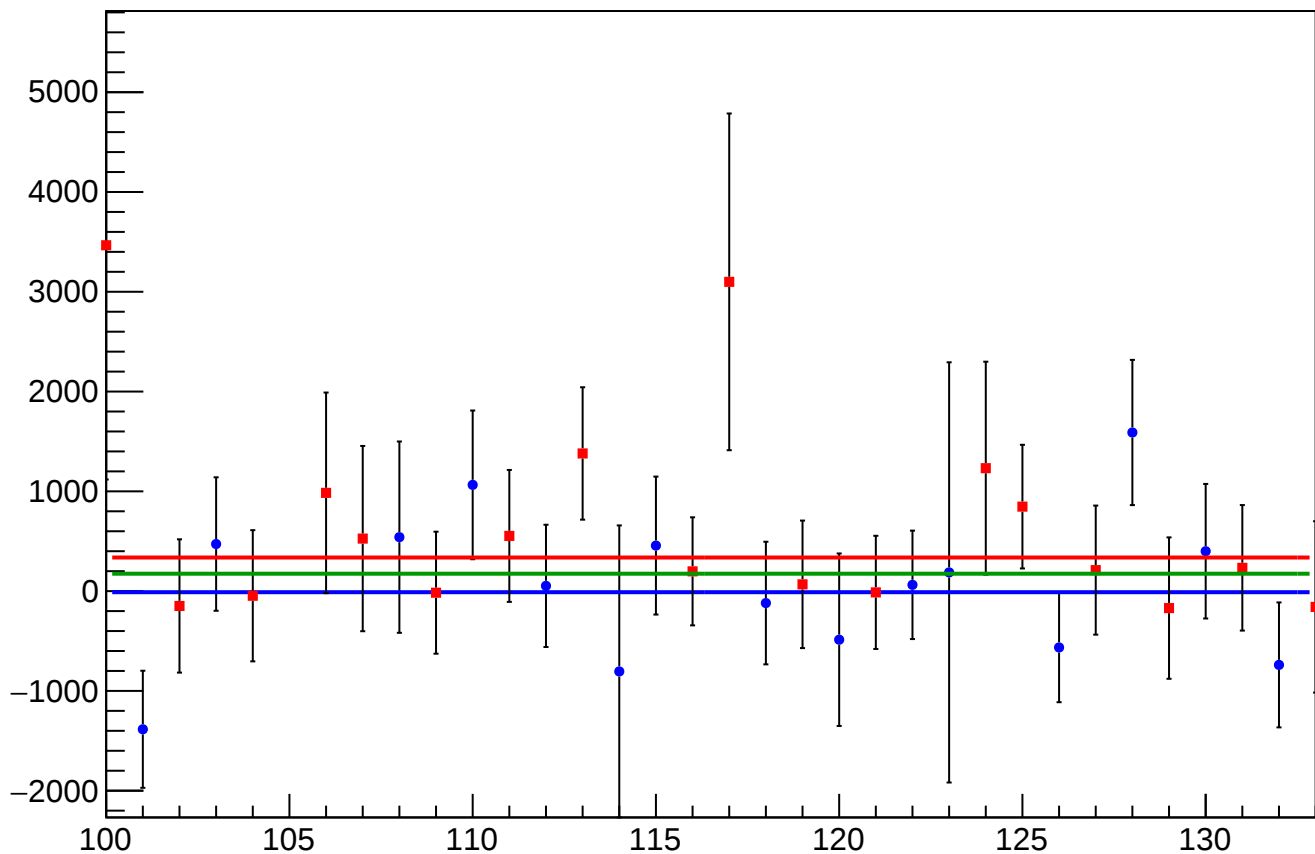
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

417.175+/-0.127 χ^2/NDF : 340043.7/14

418.769+/-0.087 χ^2/NDF : 746717.3/32

420.164+/-0.119 χ^2/NDF : 406378.4/17

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -10.763 ± 180.140 $\chi^2/\text{NDF}: 17.1/14$

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

Right Out: 336.813 ± 168.574 $\chi^2/\text{NDF}: 11.6/17$

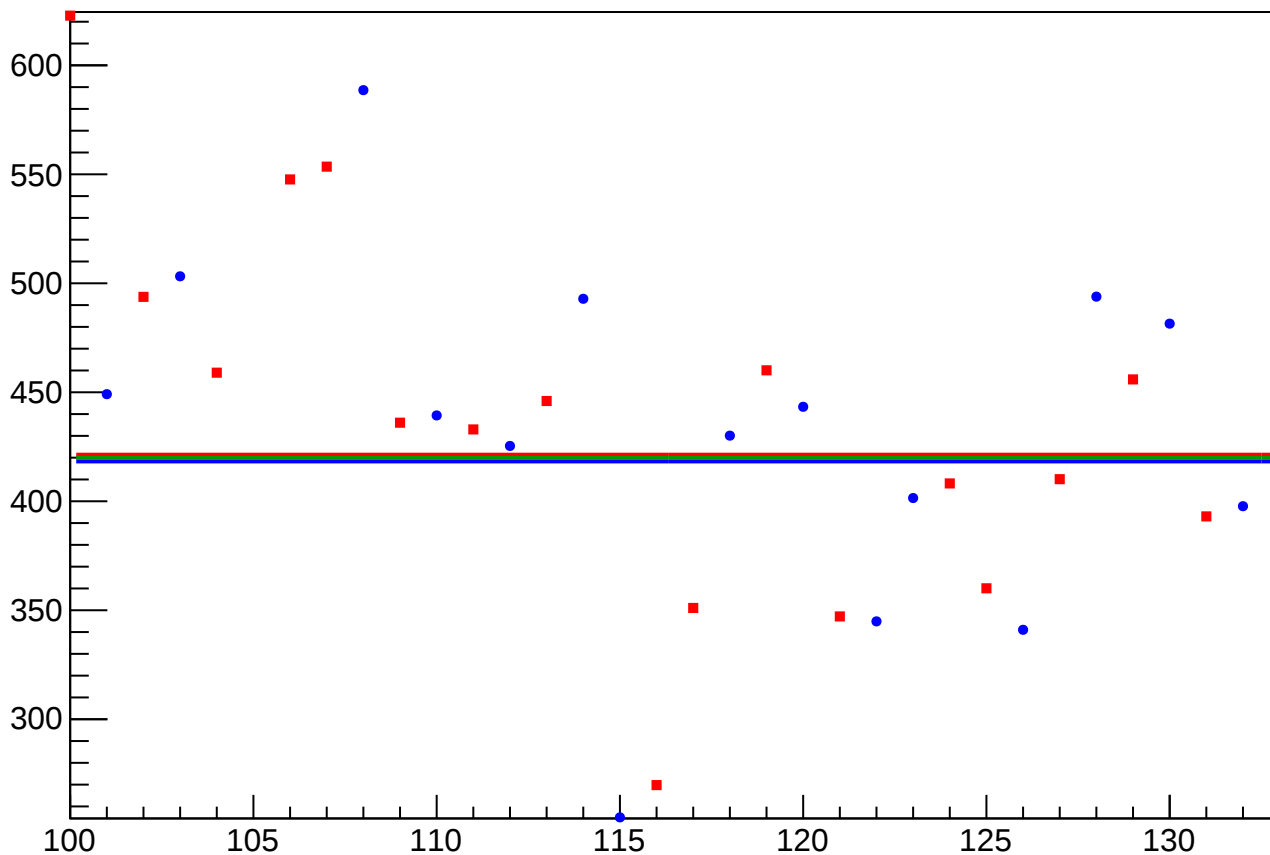
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-10.763 ± 180.140 $\chi^2/\text{NDF}: 17.1/14$

174.541 ± 123.085 $\chi^2/\text{NDF}: 30.7/32$

336.813 ± 168.574 $\chi^2/\text{NDF}: 11.6/17$

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: 421.367+/-0.119 χ^2/NDF : 407010.2/17

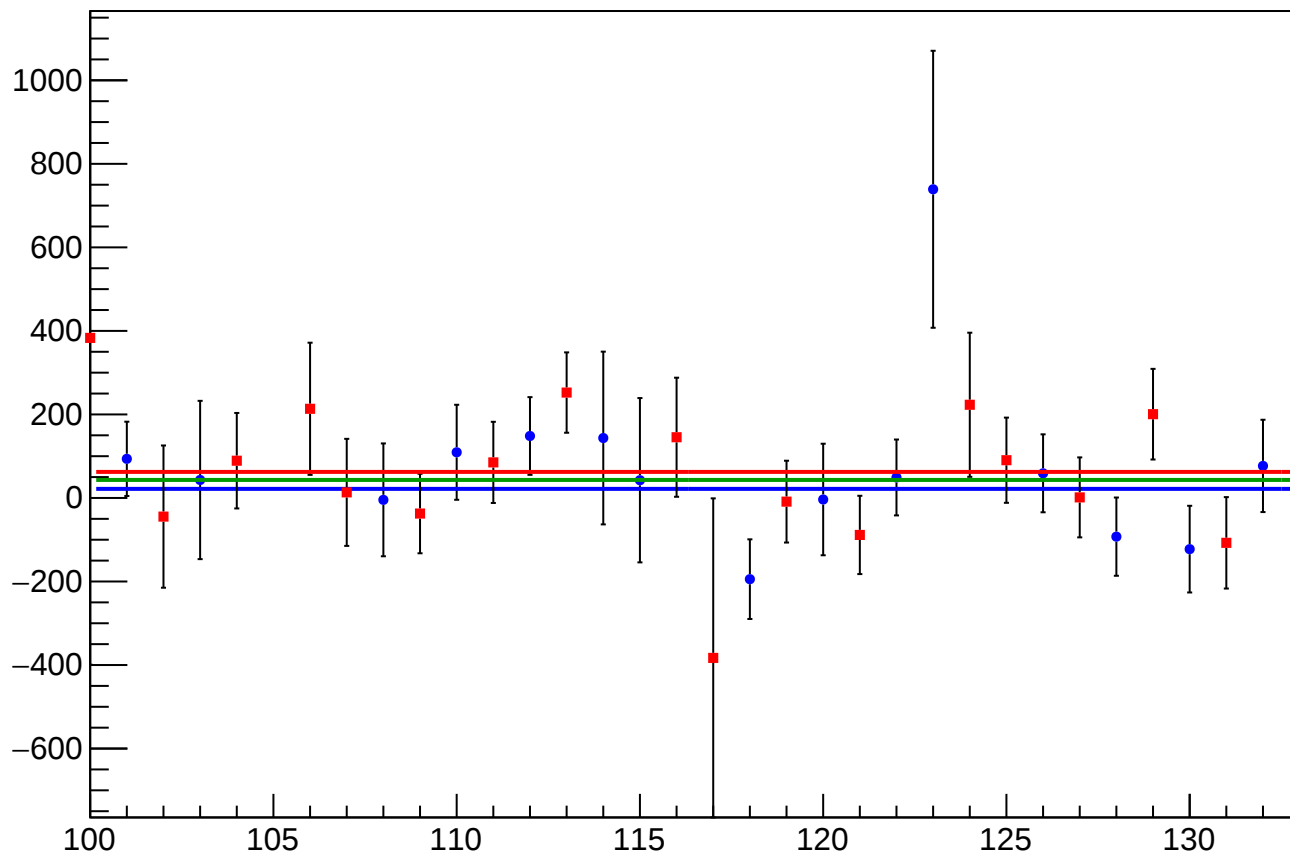
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

418.285+/-0.127 χ^2/NDF : 339594.1/14

419.928+/-0.087 χ^2/NDF : 746916.6/32

421.367+/-0.119 χ^2/NDF : 407010.2/17

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: 62.386+/-27.932 χ^2/NDF : 18.8/17

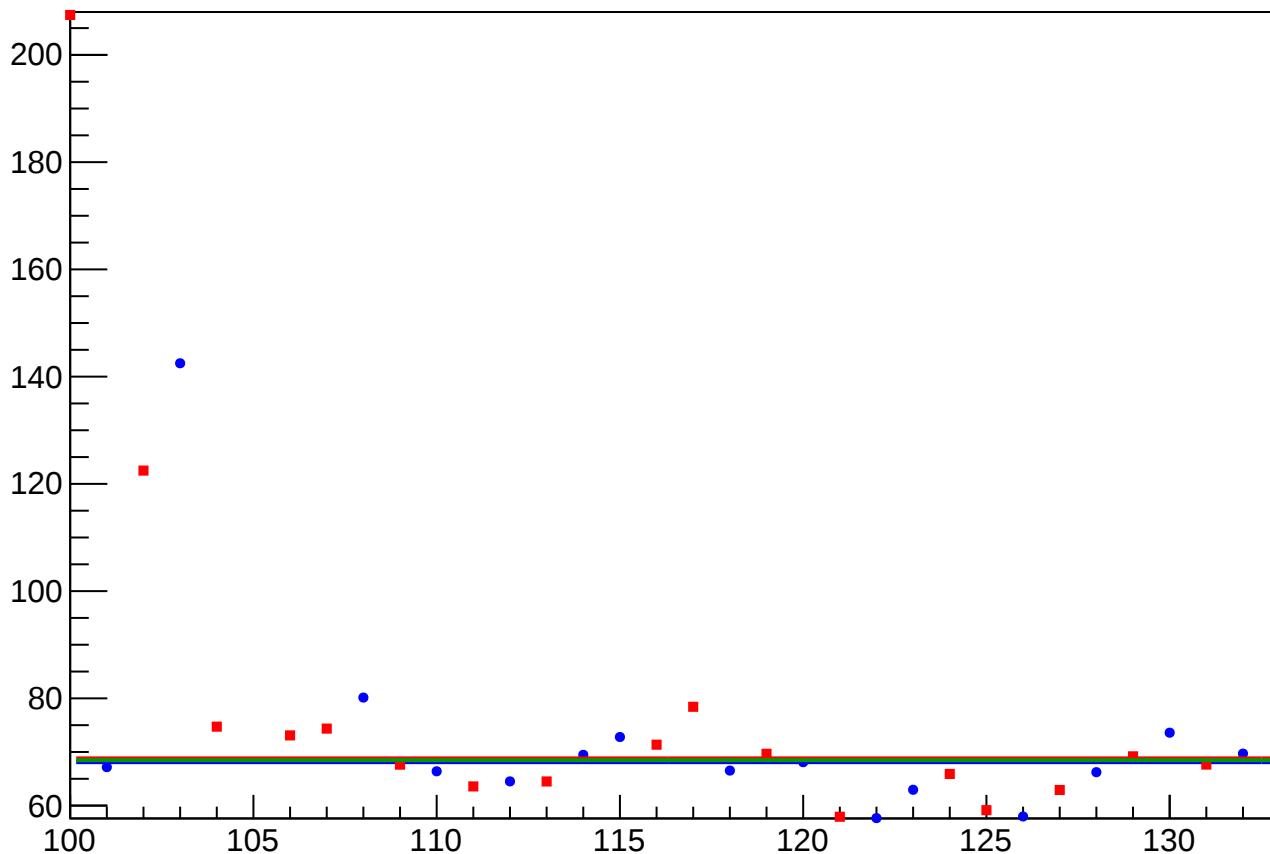
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.767+/-29.475 χ^2/NDF : 17.3/14

43.168+/-20.274 χ^2/NDF : 37.0/32

62.386+/-27.932 χ^2/NDF : 18.8/17

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: 68.807 $\pm$ 0.020 χ^2 /NDF: 357931.1/17

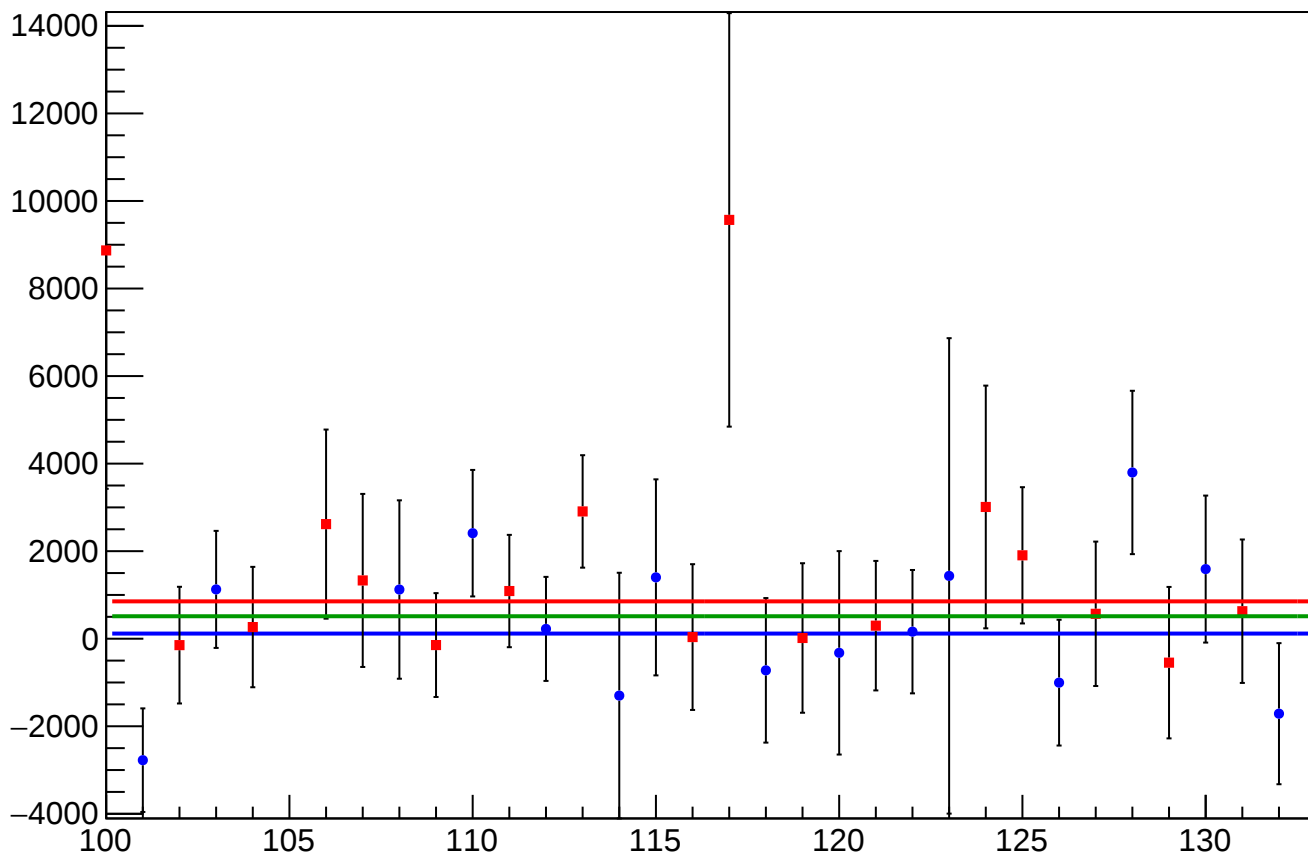
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

68.104 $\pm$ 0.021 χ^2 /NDF: 386757.2/14

68.475 $\pm$ 0.014 χ^2 /NDF: 745287.8/32

68.807 $\pm$ 0.020 χ^2 /NDF: 357931.1/17

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: 853.292+/-390.721 χ^2/NDF : 12.9/17

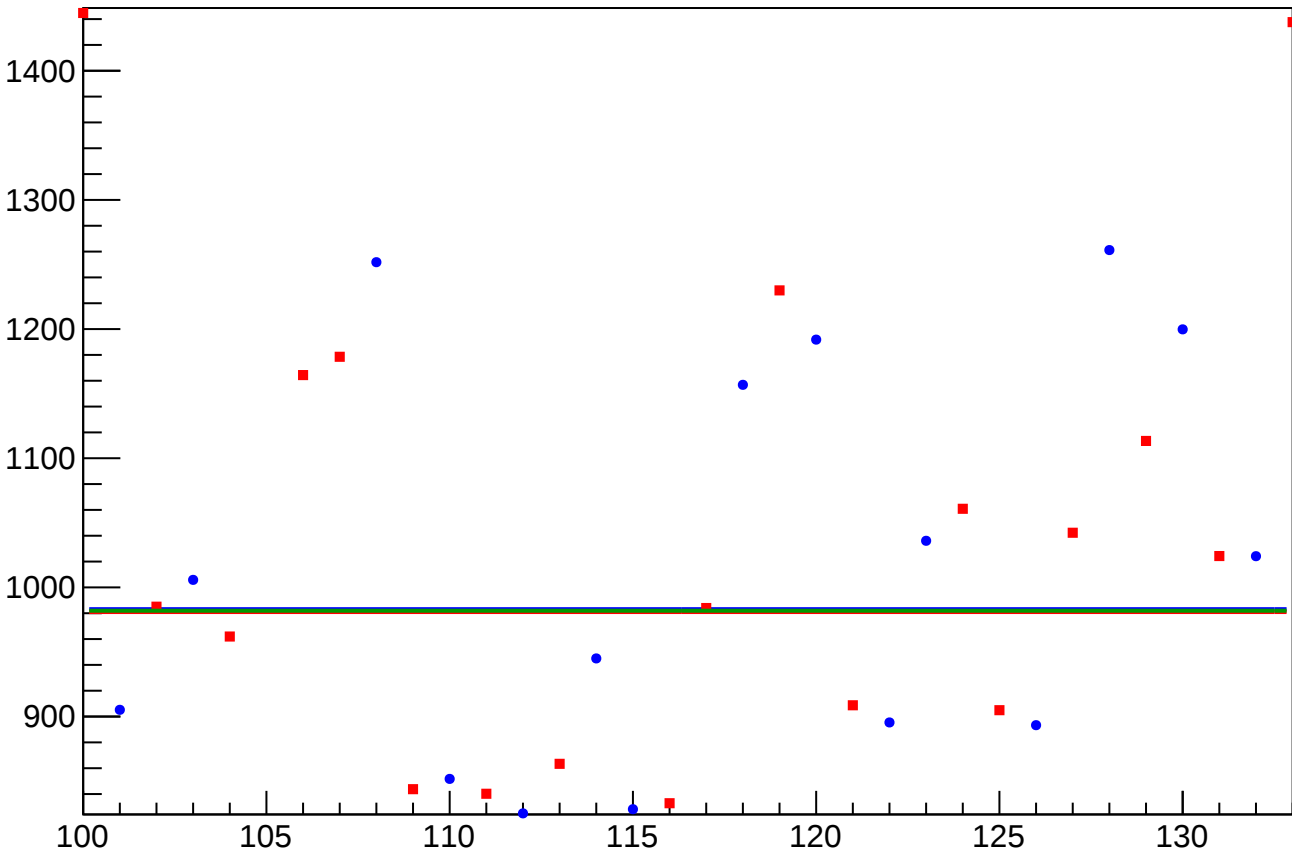
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.462+/-421.493 χ^2/NDF : 16.8/14

513.215+/-286.543 χ^2/NDF : 31.4/32

853.292+/-390.721 χ^2/NDF : 12.9/17

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: 980.914+/-0.276 χ^2/NDF : 289148.0/17

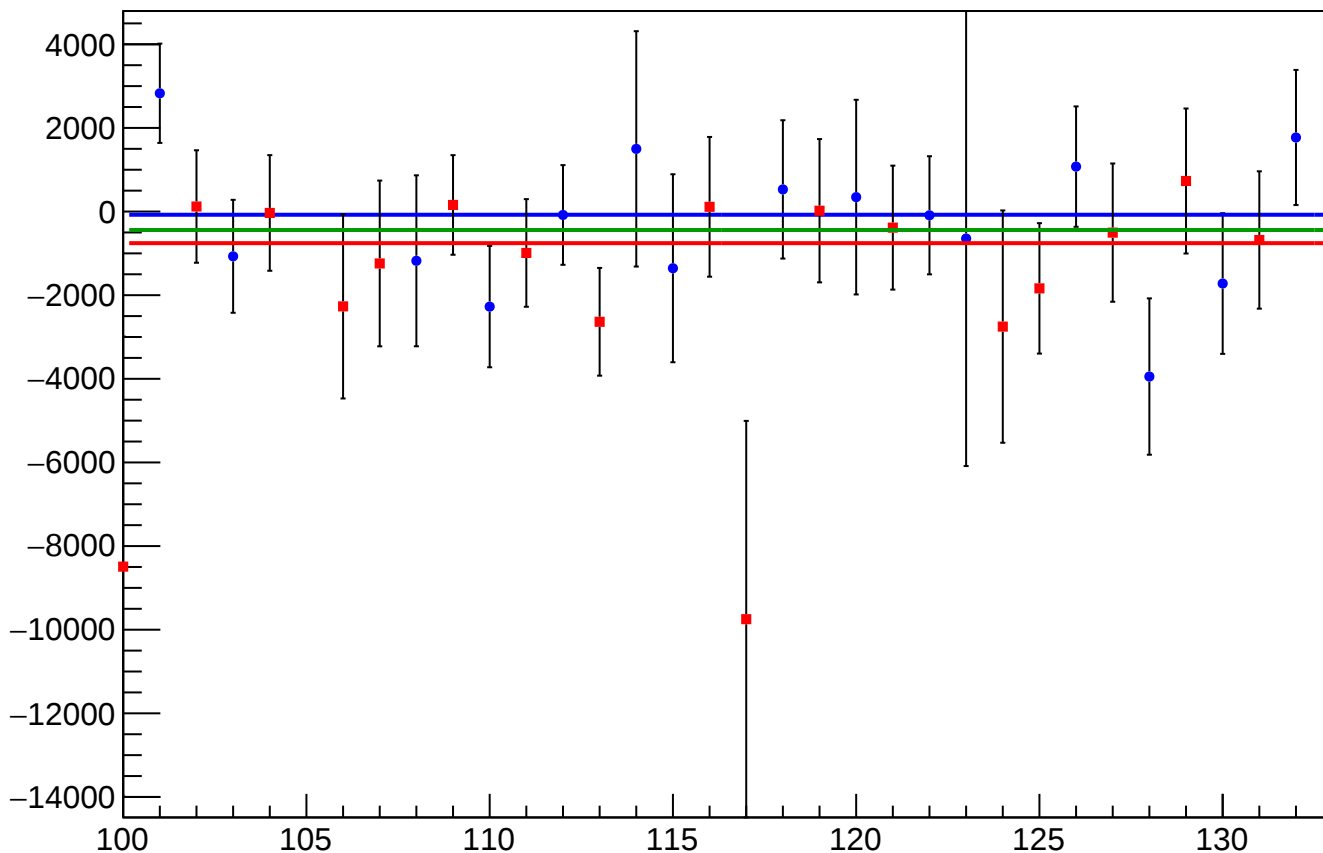
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

983.151+/-0.298 χ^2/NDF : 238899.2/14

981.948+/-0.203 χ^2/NDF : 528077.6/32

980.914+/-0.276 χ^2/NDF : 289148.0/17

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -76.469 $\pm$ 422.914 χ^2 /NDF: 17.1/14

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

Right Out: -755.708 $\pm$ 392.338 χ^2 /NDF: 12.0/17

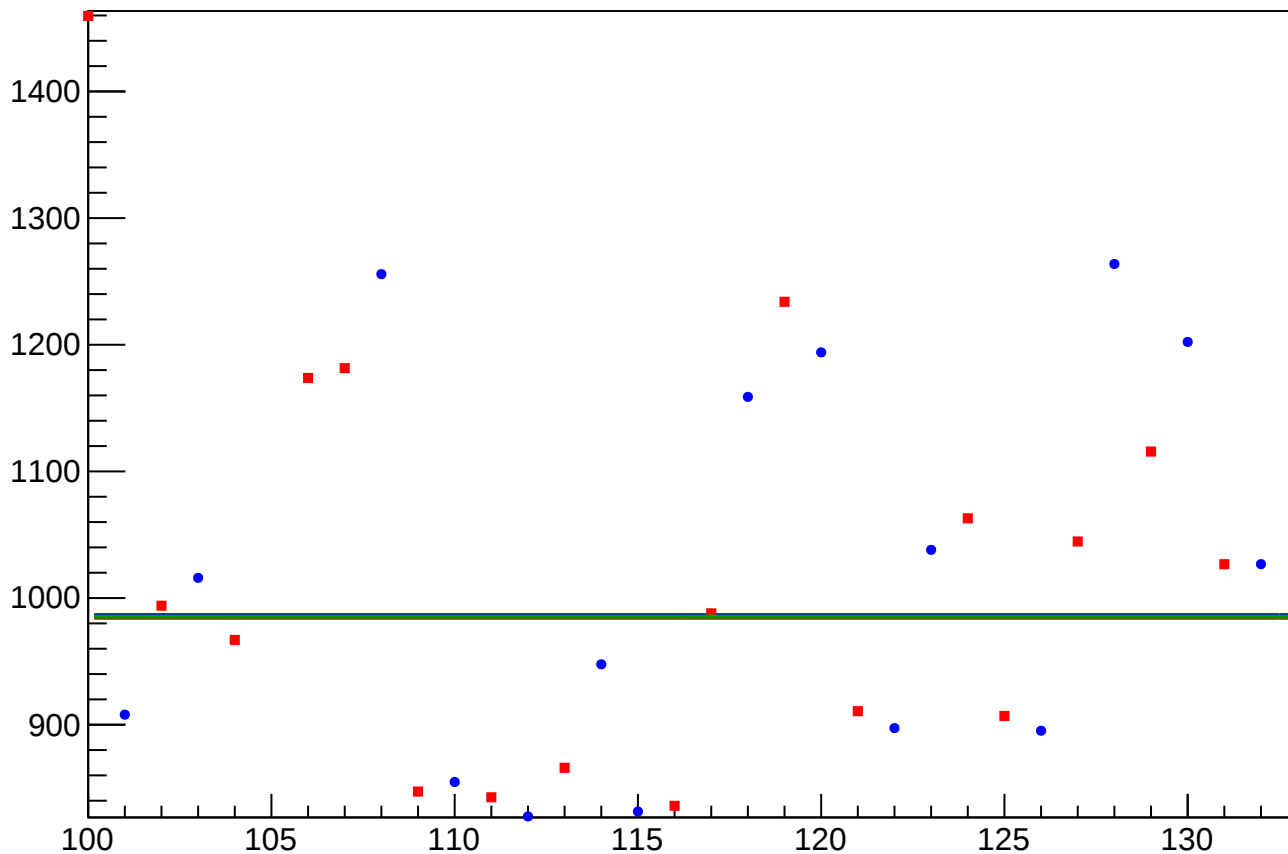
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-76.469 $\pm$ 422.914 χ^2 /NDF: 17.1/14

-441.528 $\pm$ 287.628 χ^2 /NDF: 30.6/32

-755.708 $\pm$ 392.338 χ^2 /NDF: 12.0/17

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: 984.450+/-0.277 χ^2/NDF : 288999.0/17

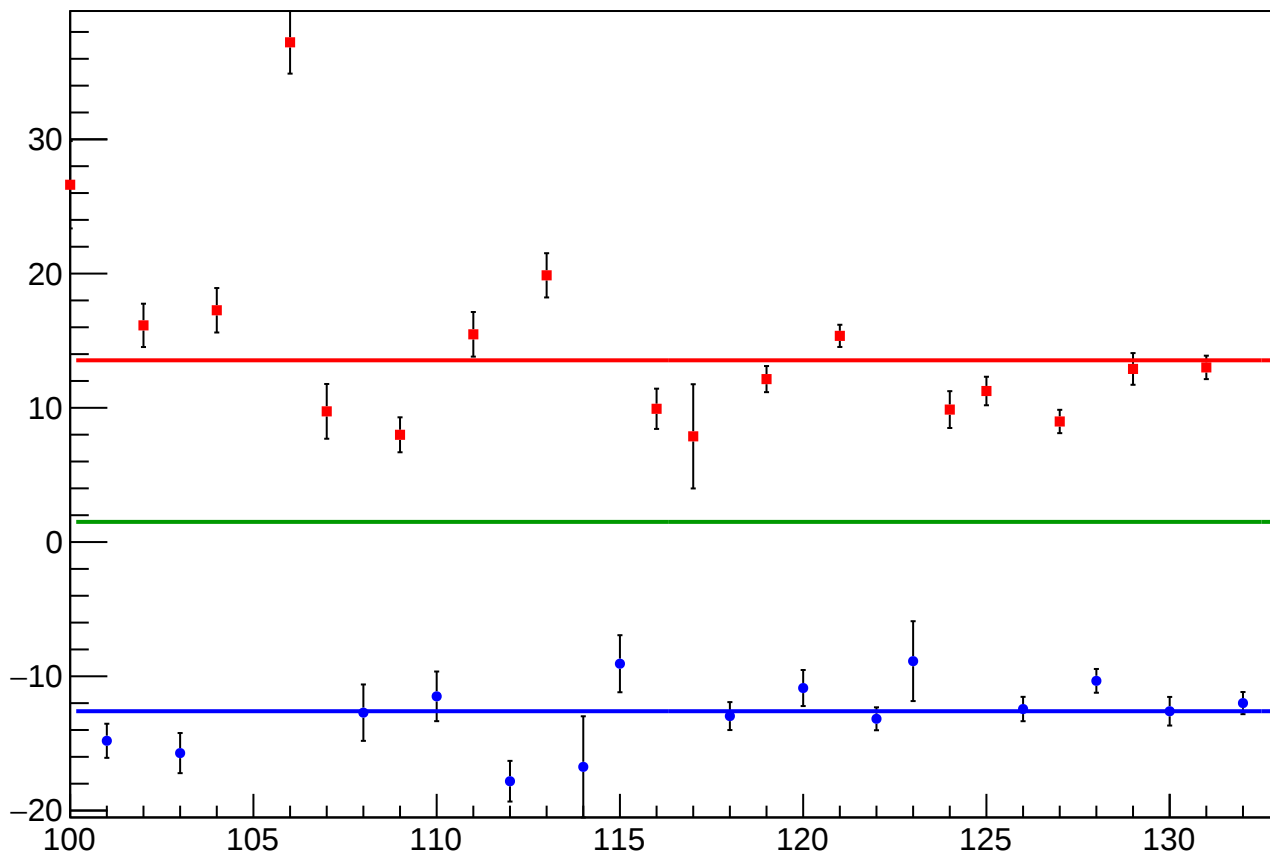
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

986.513+/-0.299 χ^2/NDF : 238235.5/14

985.405+/-0.203 χ^2/NDF : 527260.1/32

984.450+/-0.277 χ^2/NDF : 288999.0/17

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.601 ± 0.314 $\chi^2/\text{NDF}: 34.4/14$

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

Right Out: 13.539 ± 0.290 $\chi^2/\text{NDF}: 237.7/17$

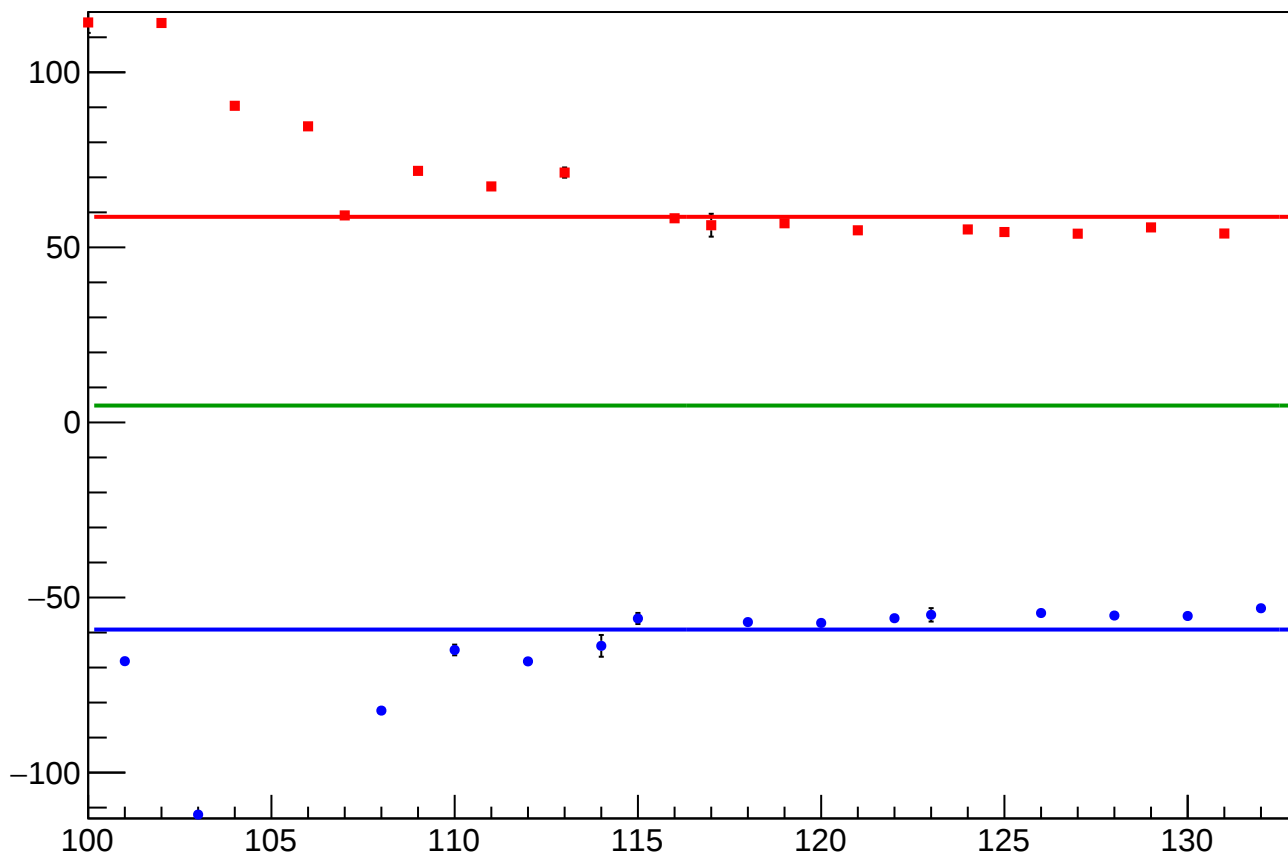
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-12.601 ± 0.314 $\chi^2/\text{NDF}: 34.4/14$

1.503 ± 0.213 $\chi^2/\text{NDF}: 4001.9/32$

13.539 ± 0.290 $\chi^2/\text{NDF}: 237.7/17$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.149 $\pm$ 0.180 χ^2 /NDF: 3250.0/14

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

Right Out: 58.723 $\pm$ 0.165 χ^2 /NDF: 4553.9/17

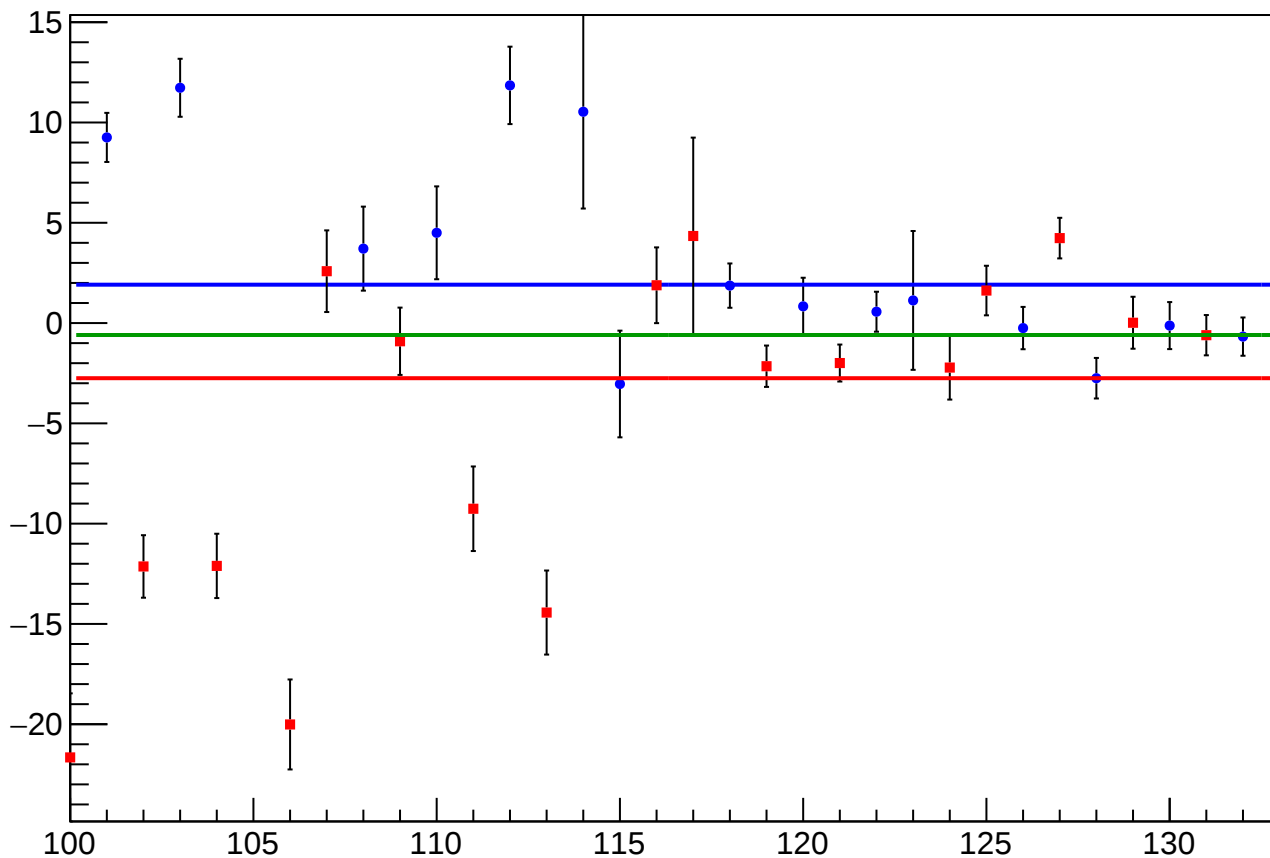
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-59.149 $\pm$ 0.180 χ^2 /NDF: 3250.0/14

4.826 $\pm$ 0.122 χ^2 /NDF: 240360.1/32

58.723 $\pm$ 0.165 χ^2 /NDF: 4553.9/17

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.351 $\chi^2/\text{NDF}: 155.6/14$

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

Right Out: -2.749 ± 0.325 $\chi^2/\text{NDF}: 294.1/17$

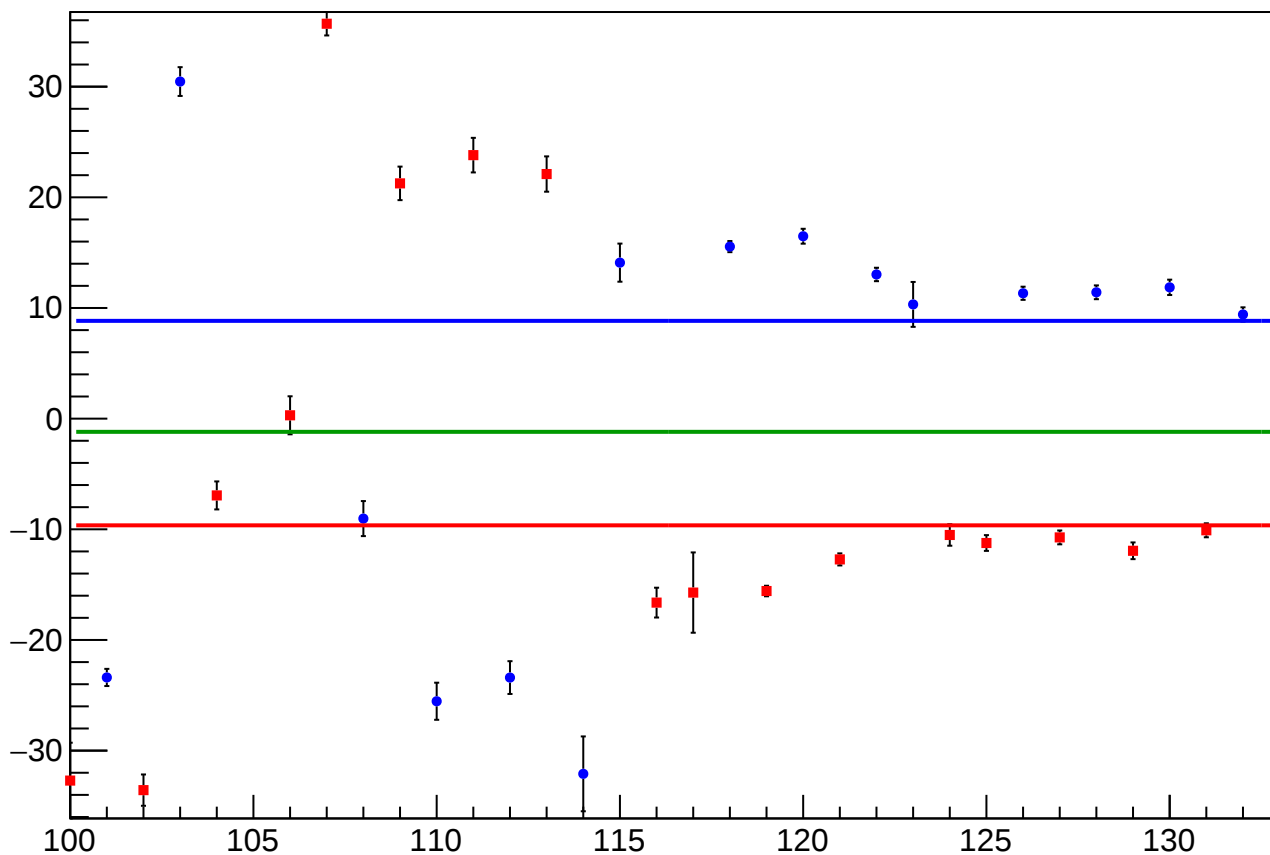
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1.914 ± 0.351 $\chi^2/\text{NDF}: 155.6/14$

-0.595 ± 0.238 $\chi^2/\text{NDF}: 544.7/32$

-2.749 ± 0.325 $\chi^2/\text{NDF}: 294.1/17$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.837 $\pm$ 0.209 χ^2 /NDF: 3590.3/14

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

Right Out: -9.642 $\pm$ 0.192 χ^2 /NDF: 3770.9/17

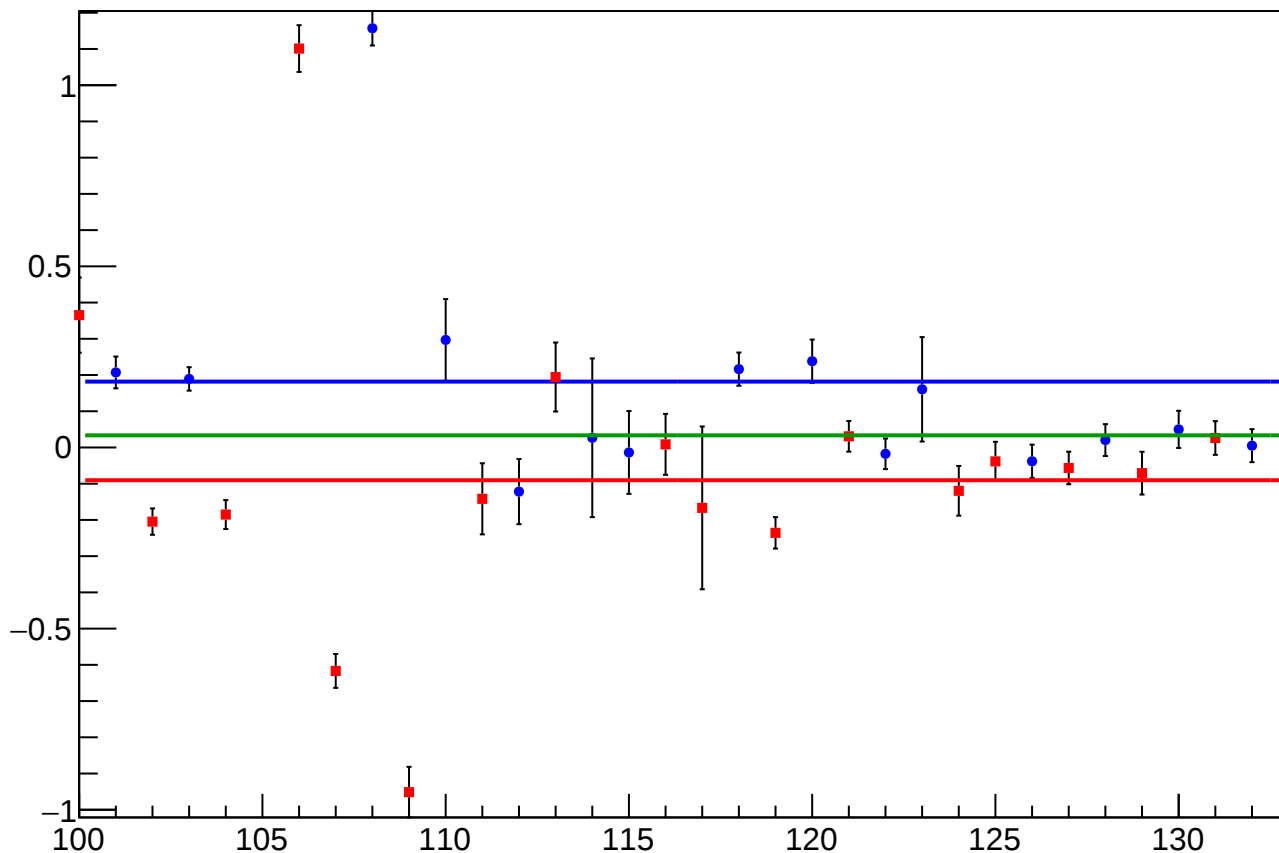
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.837 $\pm$ 0.209 χ^2 /NDF: 3590.3/14

-1.192 $\pm$ 0.141 χ^2 /NDF: 11607.8/32

-9.642 $\pm$ 0.192 χ^2 /NDF: 3770.9/17

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.182 $\pm$ 0.014 χ^2/NDF : 518.5/14

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

Right Out: -0.090 $\pm$ 0.012 χ^2/NDF : 708.6/17

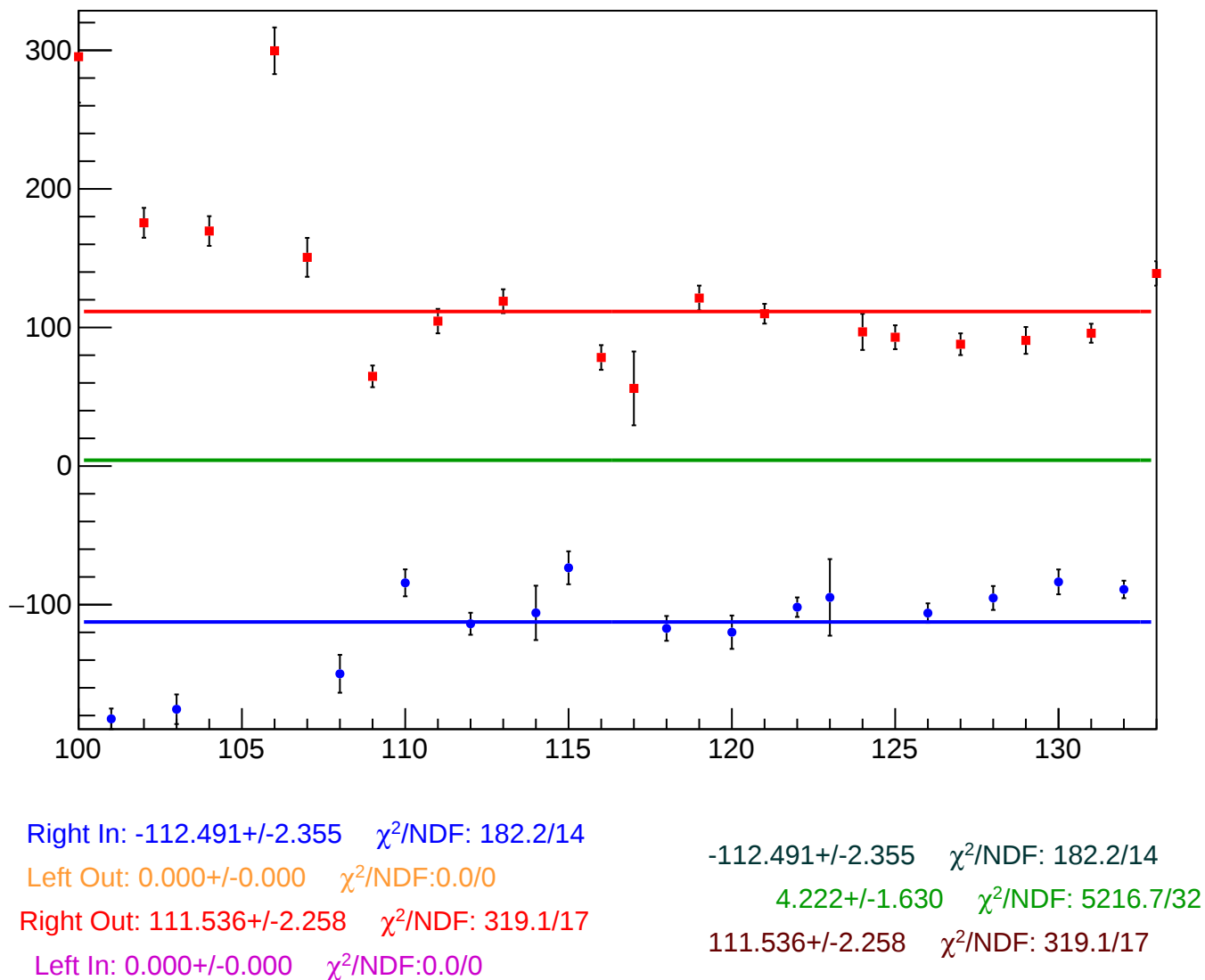
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.182 $\pm$ 0.014 χ^2/NDF : 518.5/14

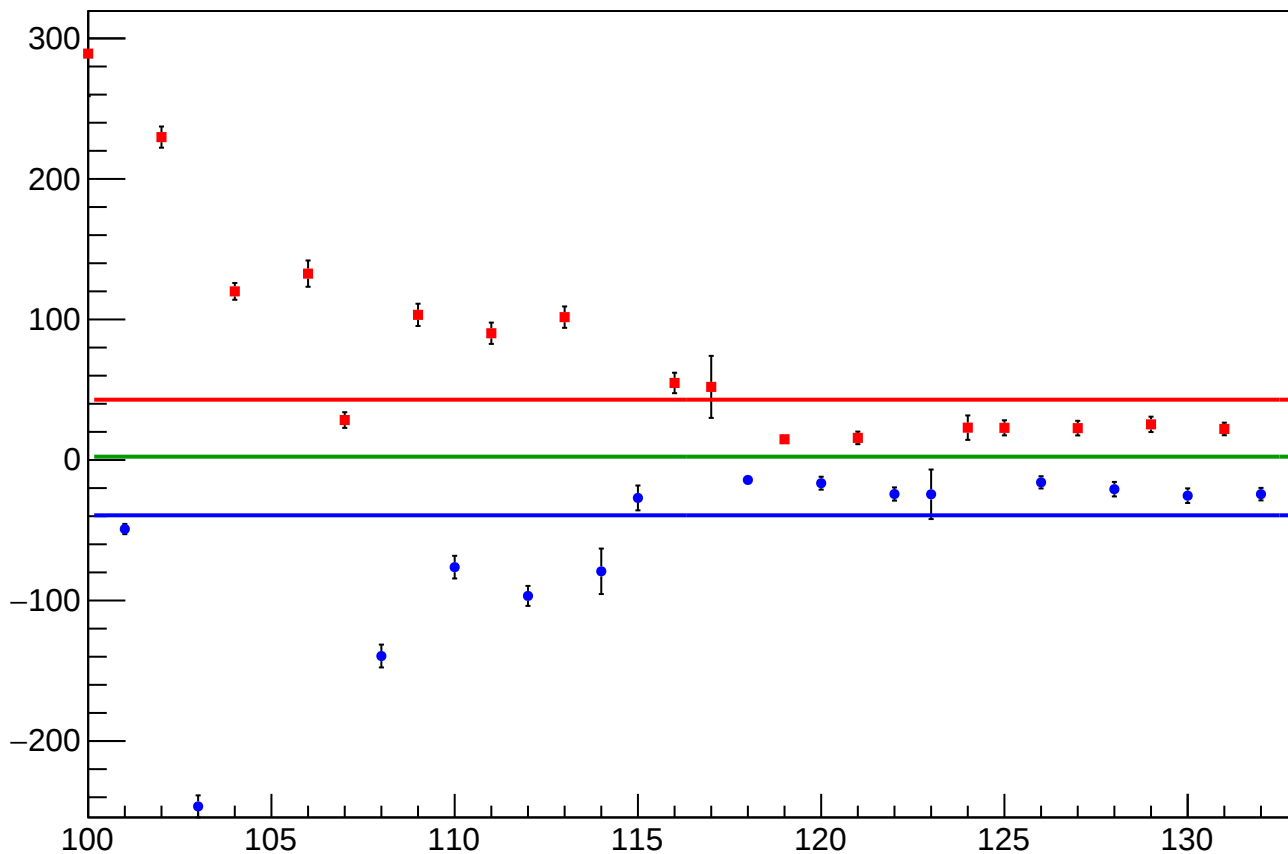
0.034 $\pm$ 0.009 χ^2/NDF : 1446.5/32

-0.090 $\pm$ 0.012 χ^2/NDF : 708.6/17

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



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: 42.908 ± 1.366 $\chi^2/\text{NDF}: 1345.5/17$

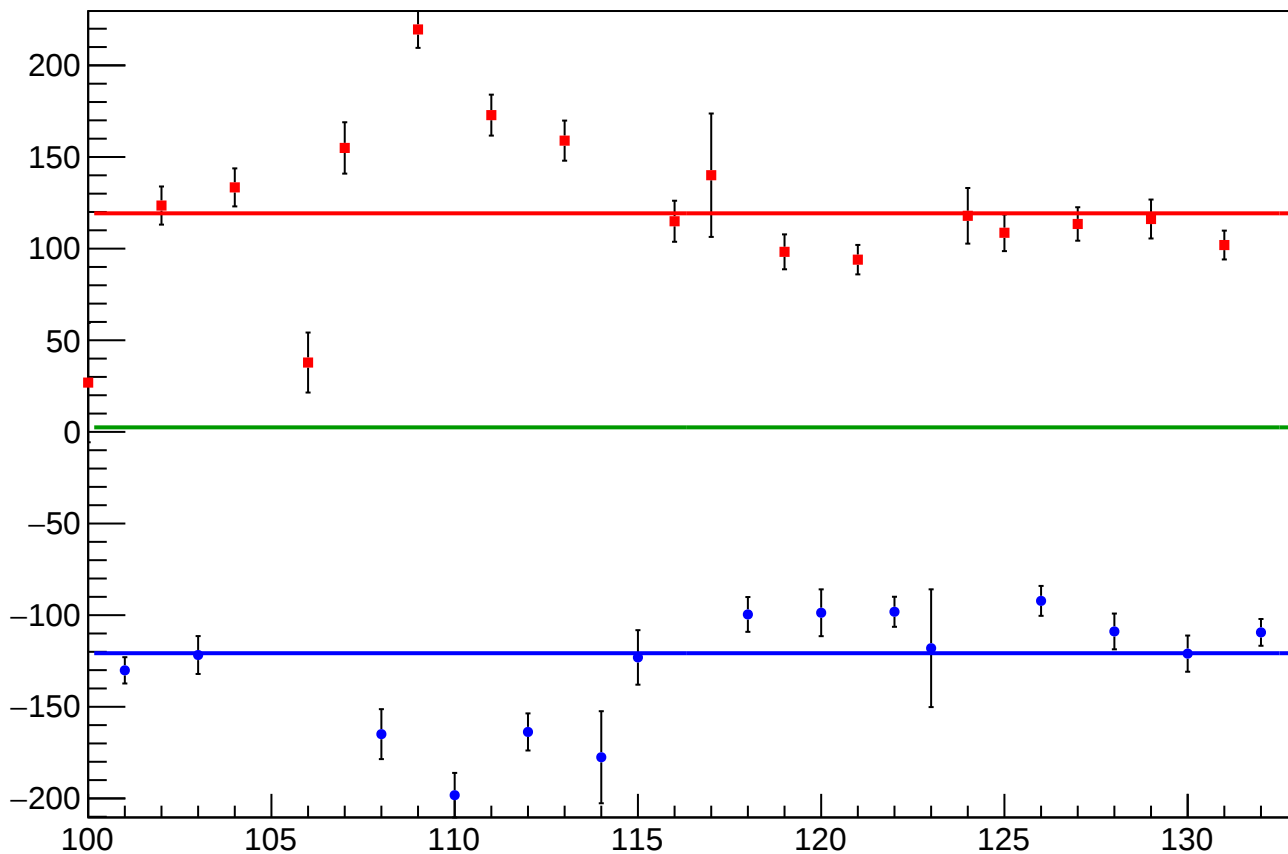
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-39.373 ± 1.385 $\chi^2/\text{NDF}: 1101.2/14$

2.357 ± 0.972 $\chi^2/\text{NDF}: 4236.0/32$

42.908 ± 1.366 $\chi^2/\text{NDF}: 1345.5/17$

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: 119.265+/-2.562 χ^2/NDF : 229.7/17

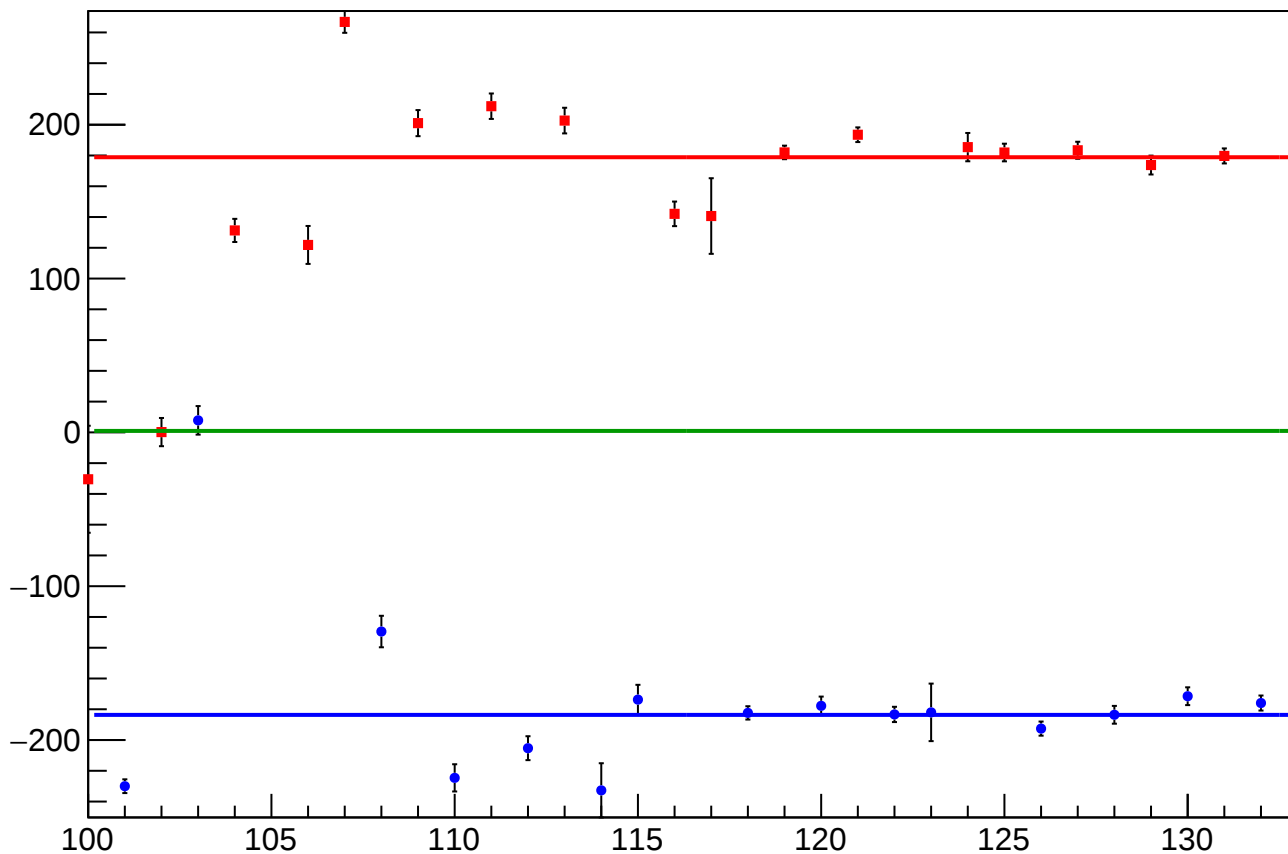
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-120.759+/-2.632 χ^2/NDF : 107.7/14

2.479+/-1.836 χ^2/NDF : 4608.2/32

119.265+/-2.562 χ^2/NDF : 229.7/17

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: 178.868 ± 1.576 χ^2/NDF : 699.0/17

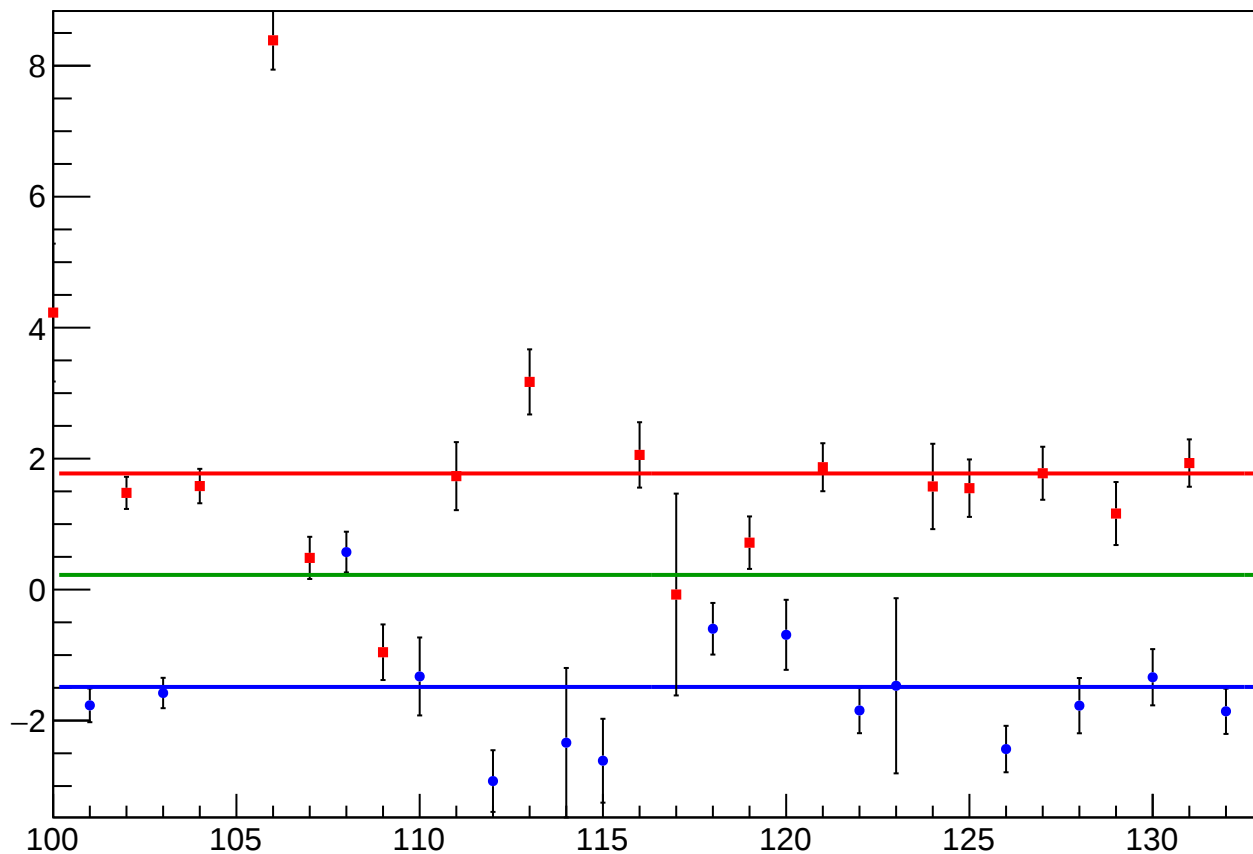
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-183.657 ± 1.605 χ^2/NDF : 610.7/14

0.947 ± 1.124 χ^2/NDF : 27288.0/32

178.868 ± 1.576 χ^2/NDF : 699.0/17

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: 1.774 ± 0.095 χ^2/NDF : 303.3/17

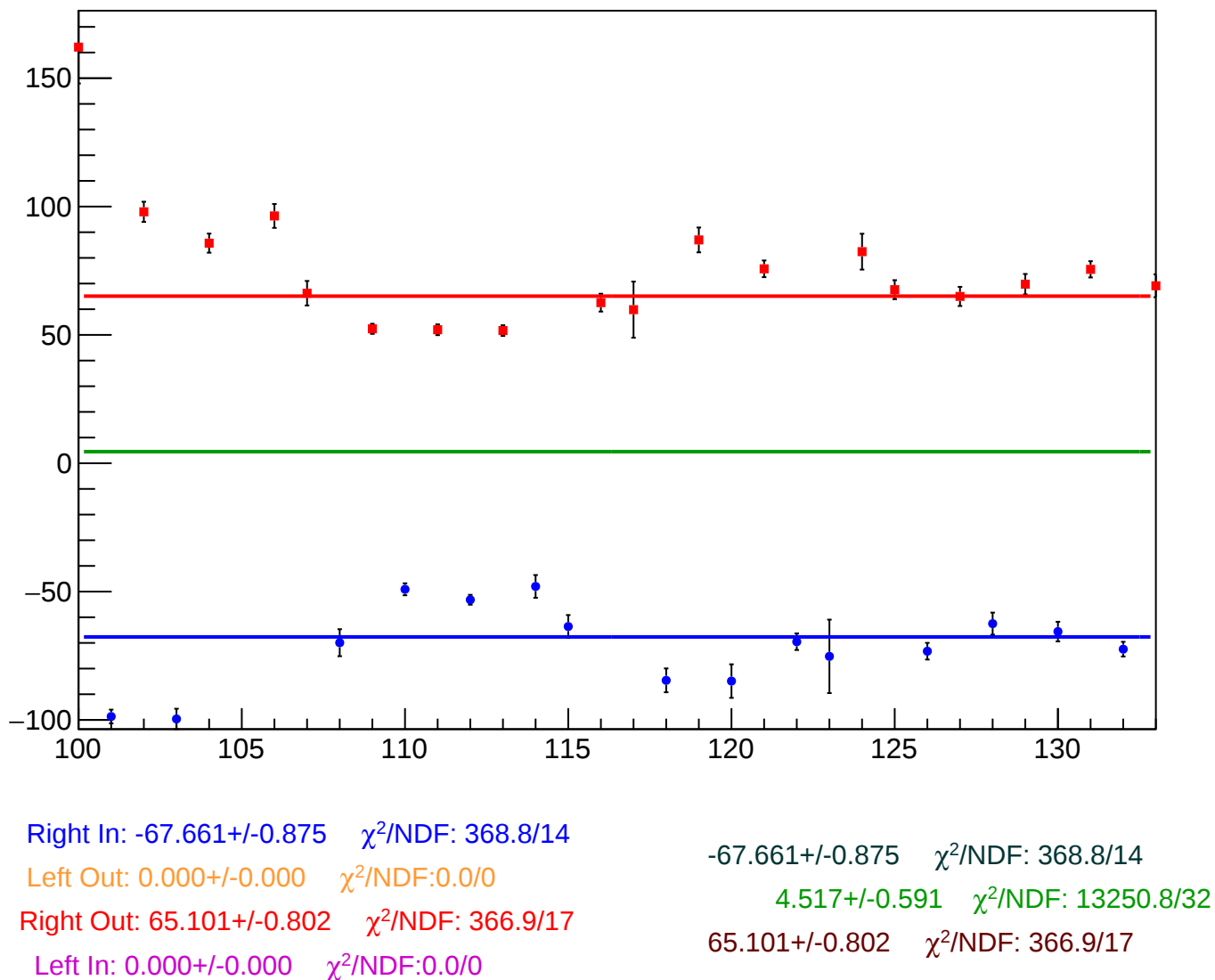
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.487 ± 0.100 χ^2/NDF : 75.5/14

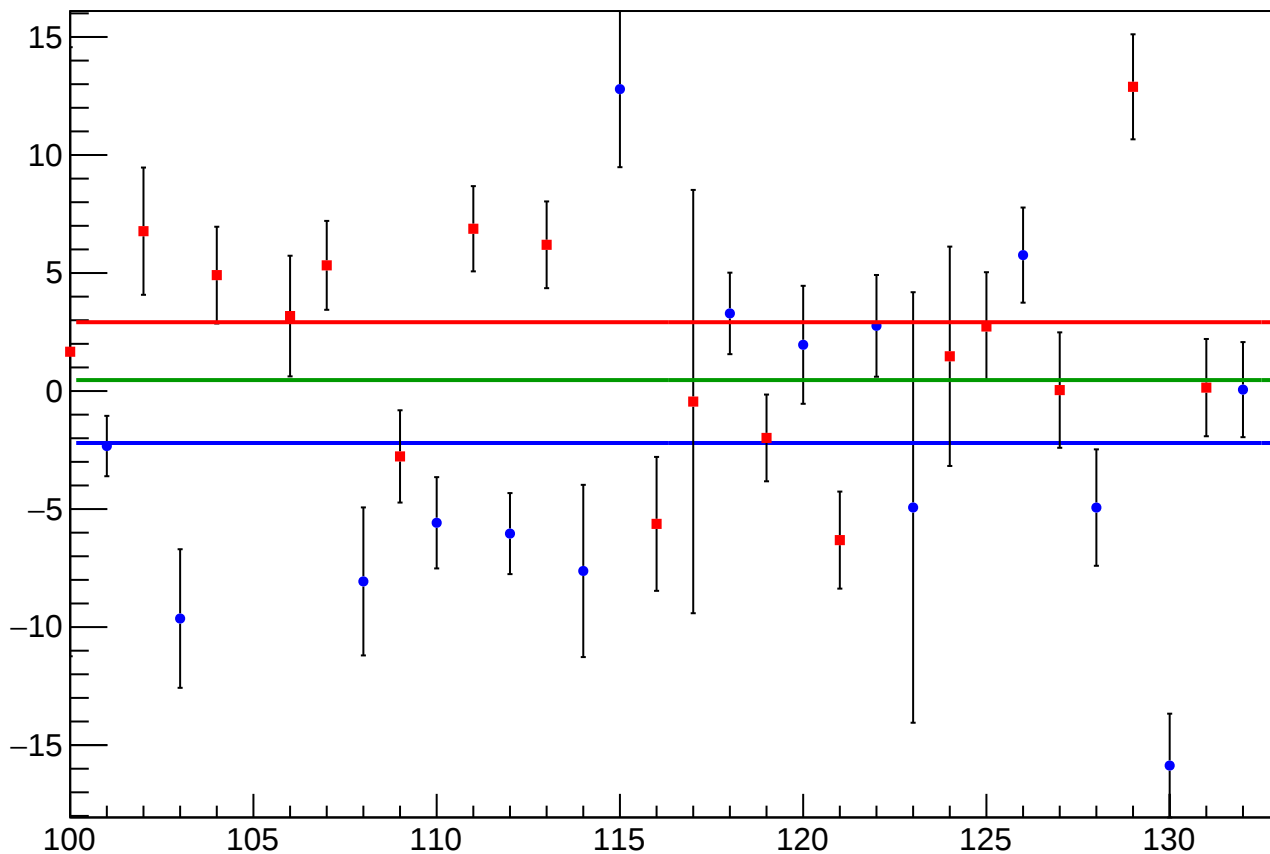
0.224 ± 0.069 χ^2/NDF : 940.5/32

1.774 ± 0.095 χ^2/NDF : 303.3/17

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: 2.917+/-0.537 χ^2/NDF : 89.6/17

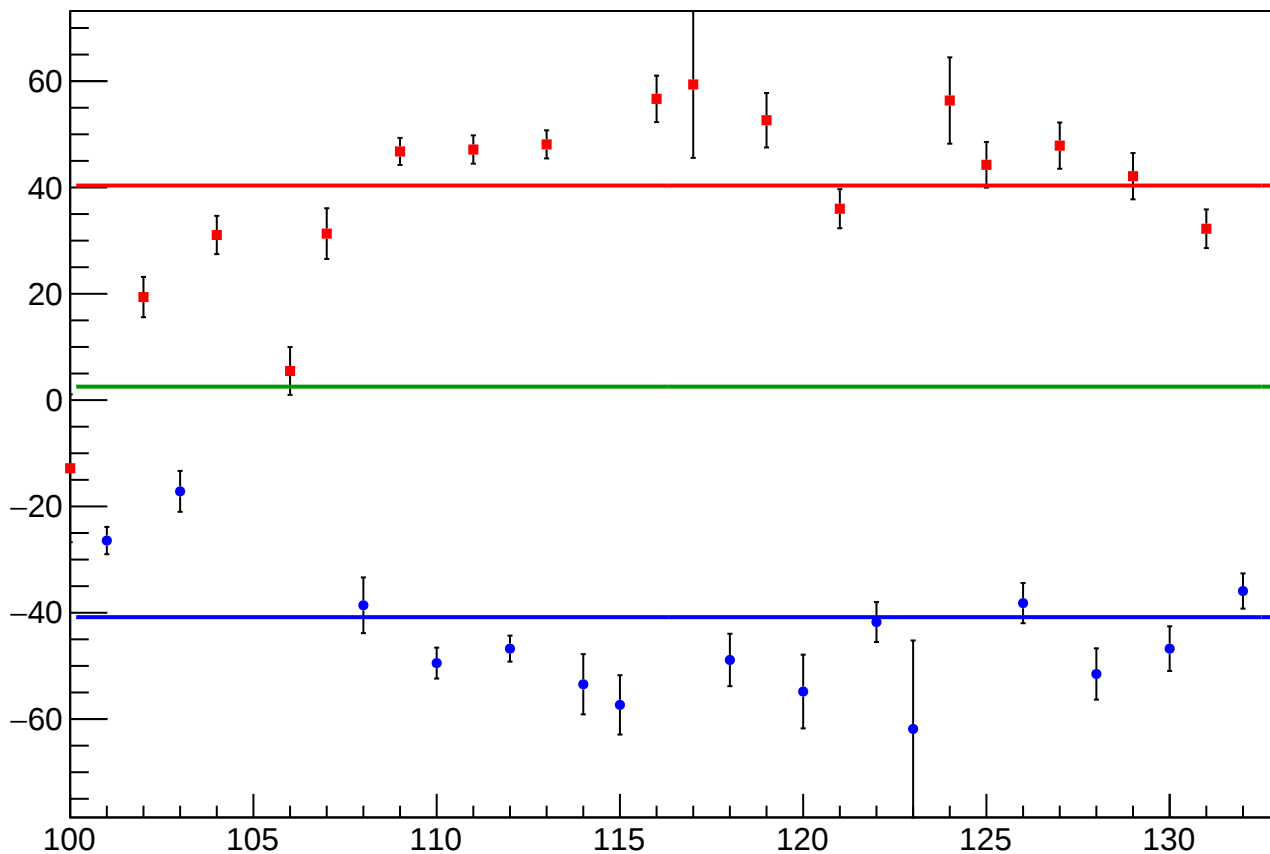
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.201+/-0.560 χ^2/NDF : 115.7/14

0.465+/-0.388 χ^2/NDF : 248.9/32

2.917+/-0.537 χ^2/NDF : 89.6/17

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.830+/-1.000 χ^2/NDF : 115.8/14

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

Right Out: 40.363+/-0.934 χ^2/NDF : 173.0/17

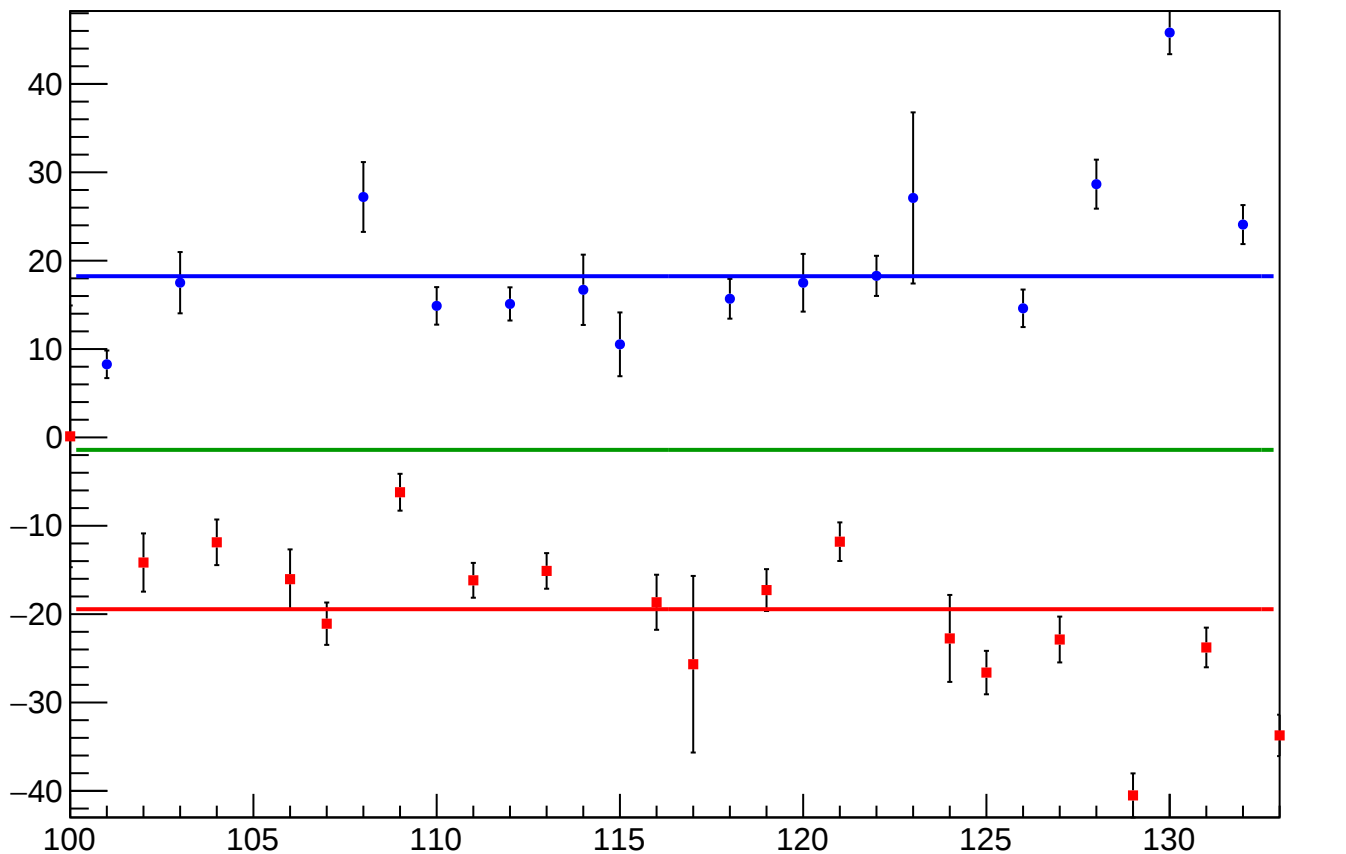
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-40.830+/-1.000 χ^2/NDF : 115.8/14

2.534+/-0.682 χ^2/NDF : 3812.5/32

40.363+/-0.934 χ^2/NDF : 173.0/17

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.242 $\pm$ 0.642 χ^2/NDF : 209.6/14

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

Right Out: -19.441 $\pm$ 0.615 χ^2/NDF : 198.6/17

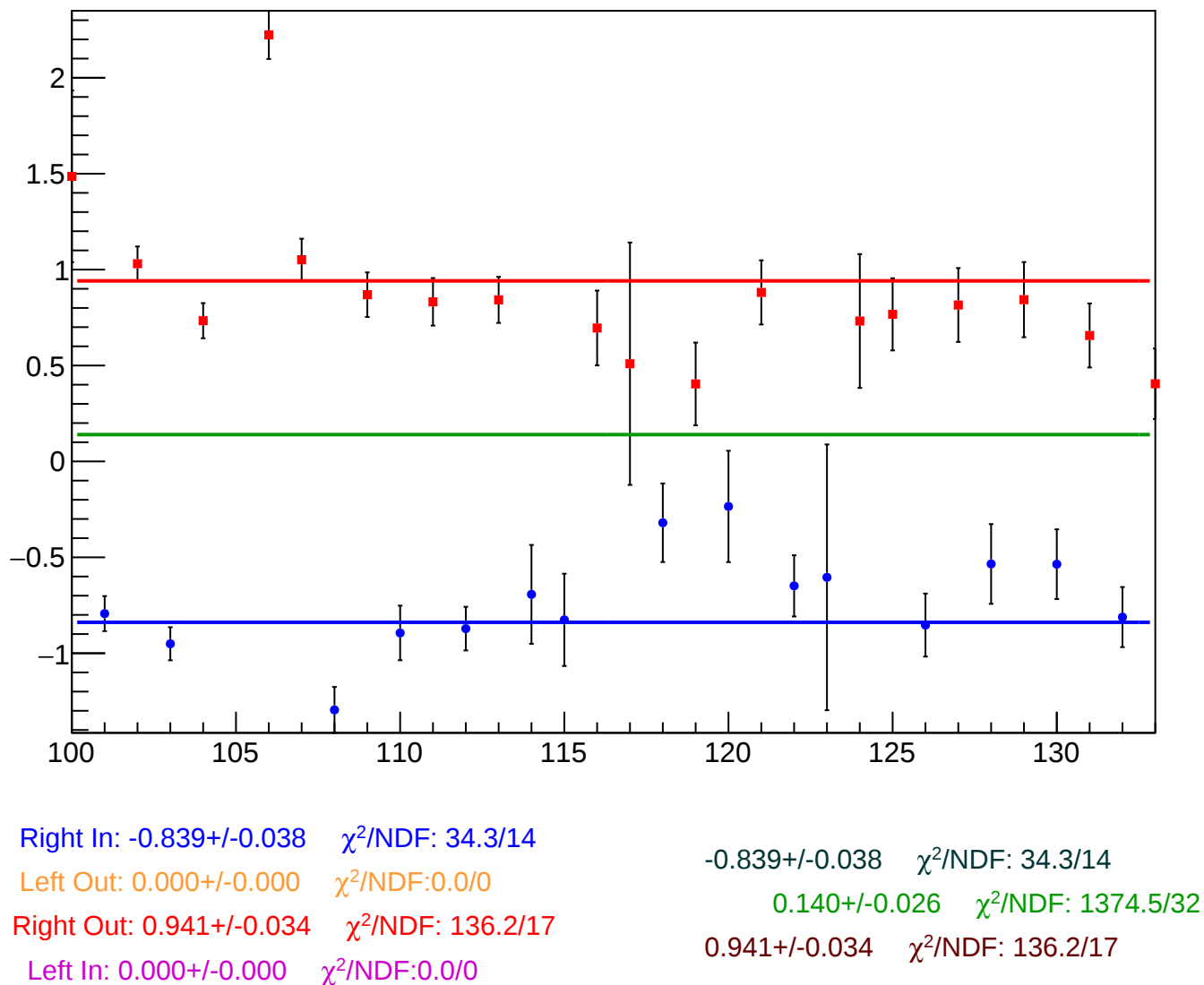
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

18.242 $\pm$ 0.642 χ^2/NDF : 209.6/14

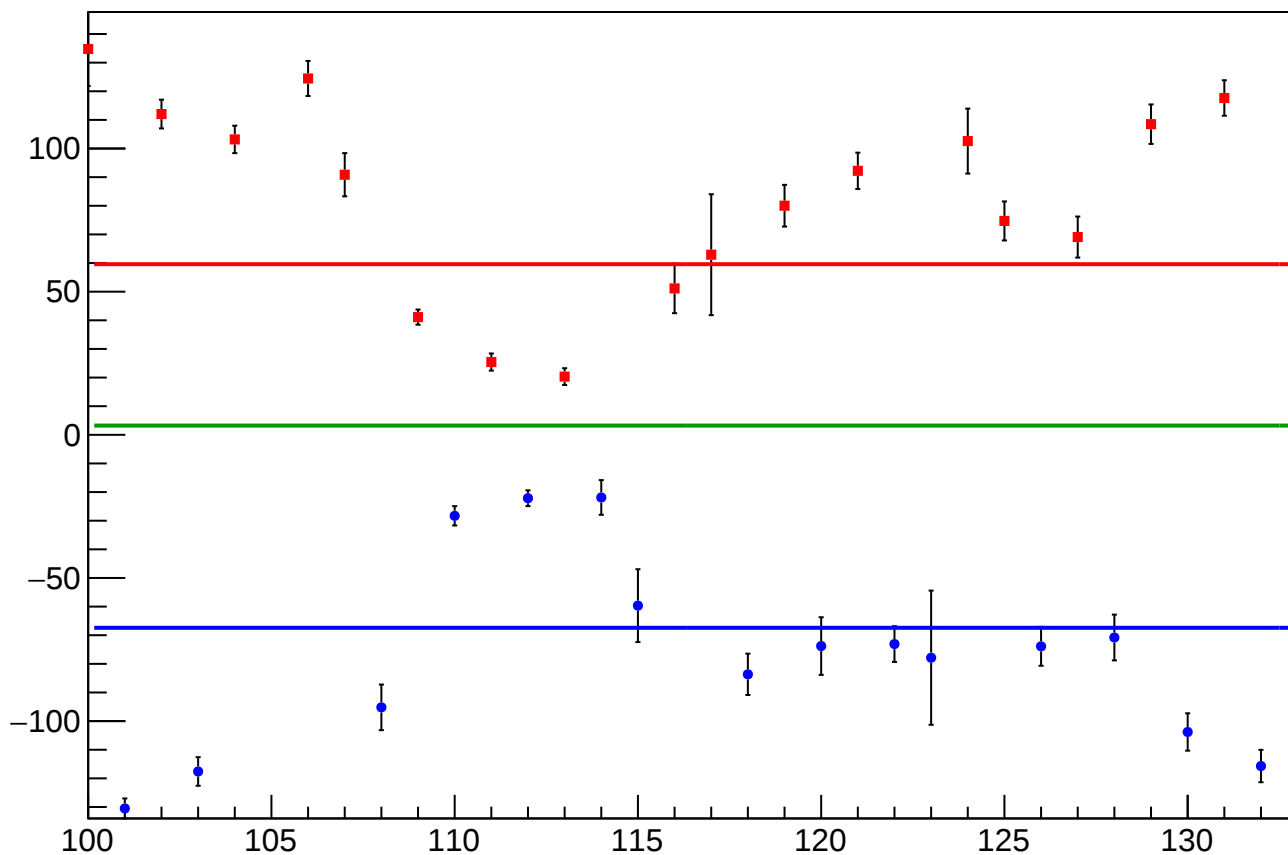
-1.410 $\pm$ 0.444 χ^2/NDF : 2202.5/32

-19.441 $\pm$ 0.615 χ^2/NDF : 198.6/17

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.401 ± 1.361 $\chi^2/\text{NDF}: 1012.0/14$

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

Right Out: 59.597 ± 1.216 $\chi^2/\text{NDF}: 909.6/17$

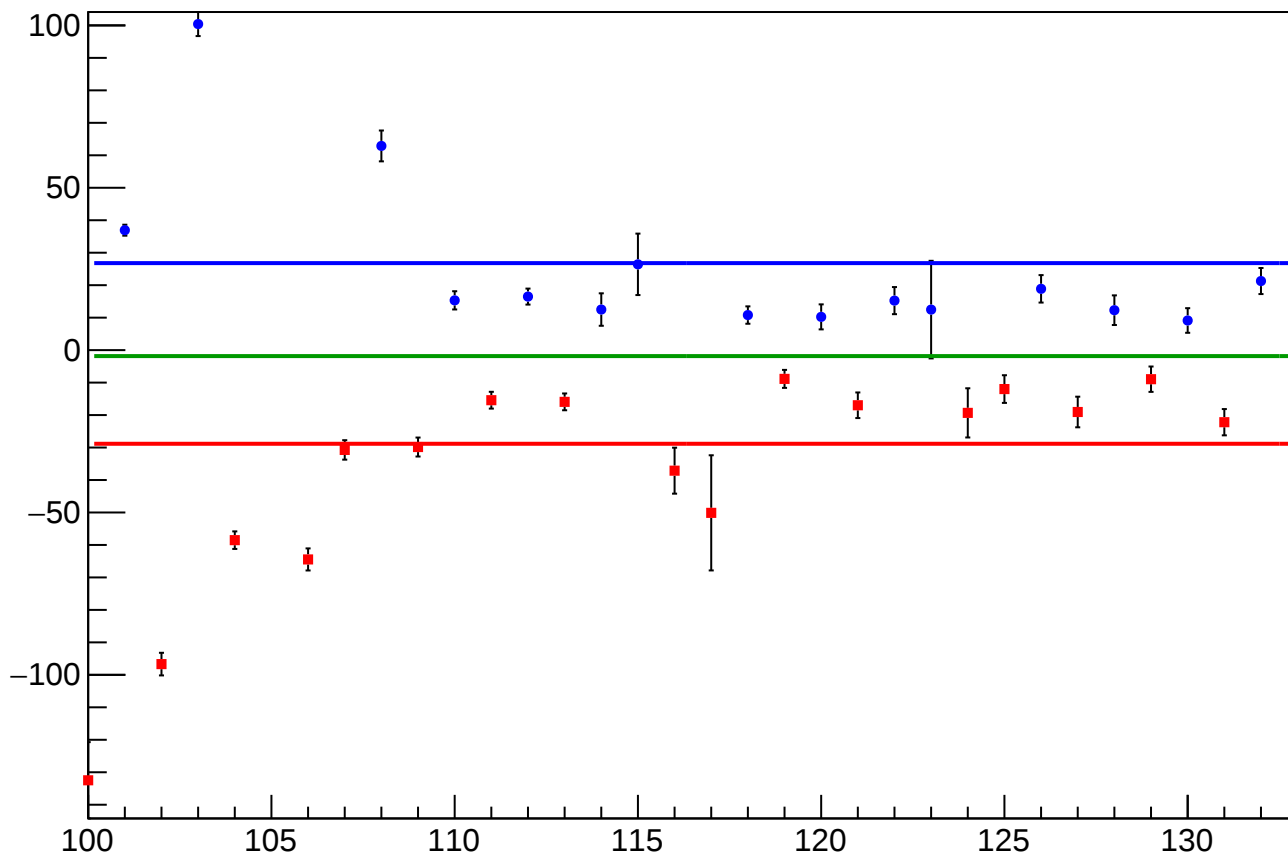
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-67.401 ± 1.361 $\chi^2/\text{NDF}: 1012.0/14$

3.231 ± 0.907 $\chi^2/\text{NDF}: 6762.1/32$

59.597 ± 1.216 $\chi^2/\text{NDF}: 909.6/17$

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: -28.840 ± 0.847 χ^2/NDF : 988.3/17

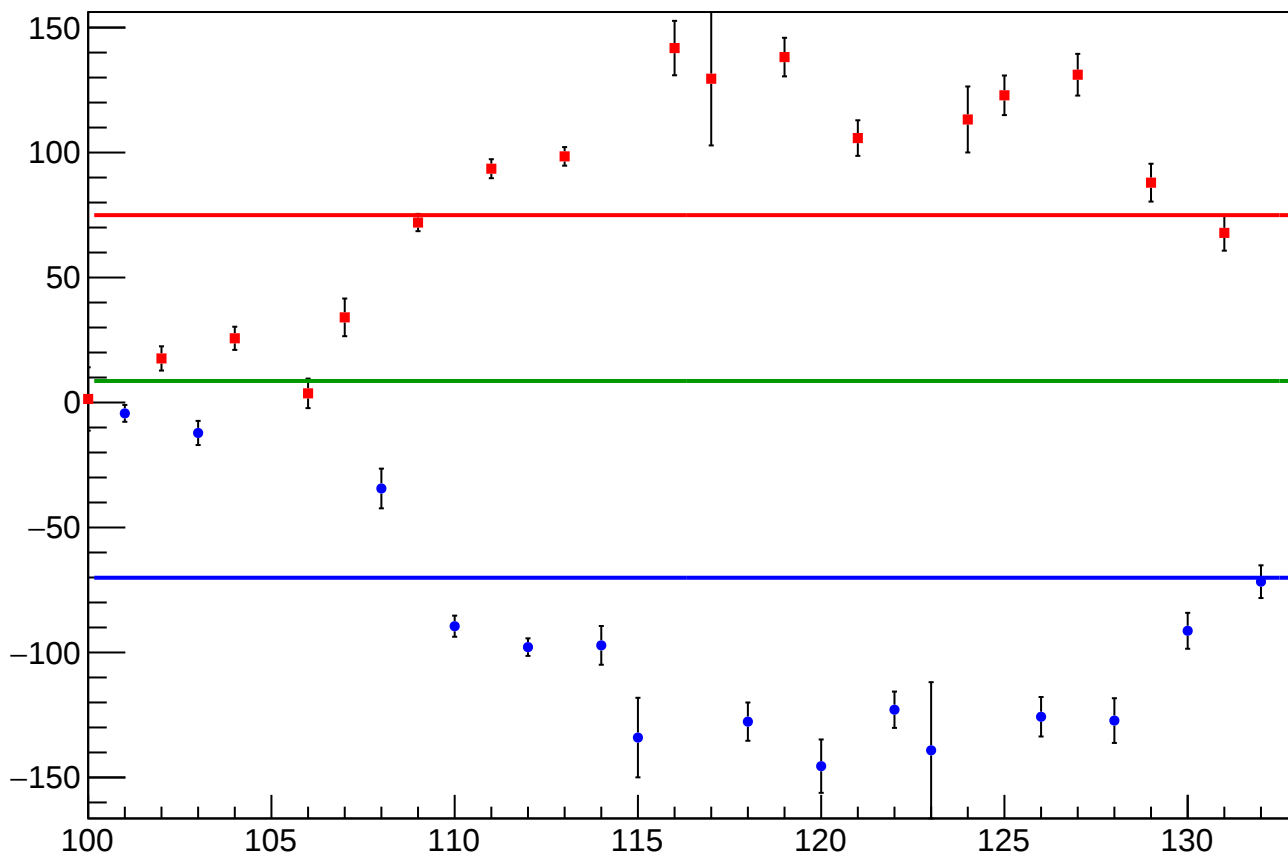
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

26.795 ± 0.872 χ^2/NDF : 631.1/14

-1.839 ± 0.608 χ^2/NDF : 3713.9/32

-28.840 ± 0.847 χ^2/NDF : 988.3/17

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: 74.961+/-1.413 χ^2/NDF : 822.2/17

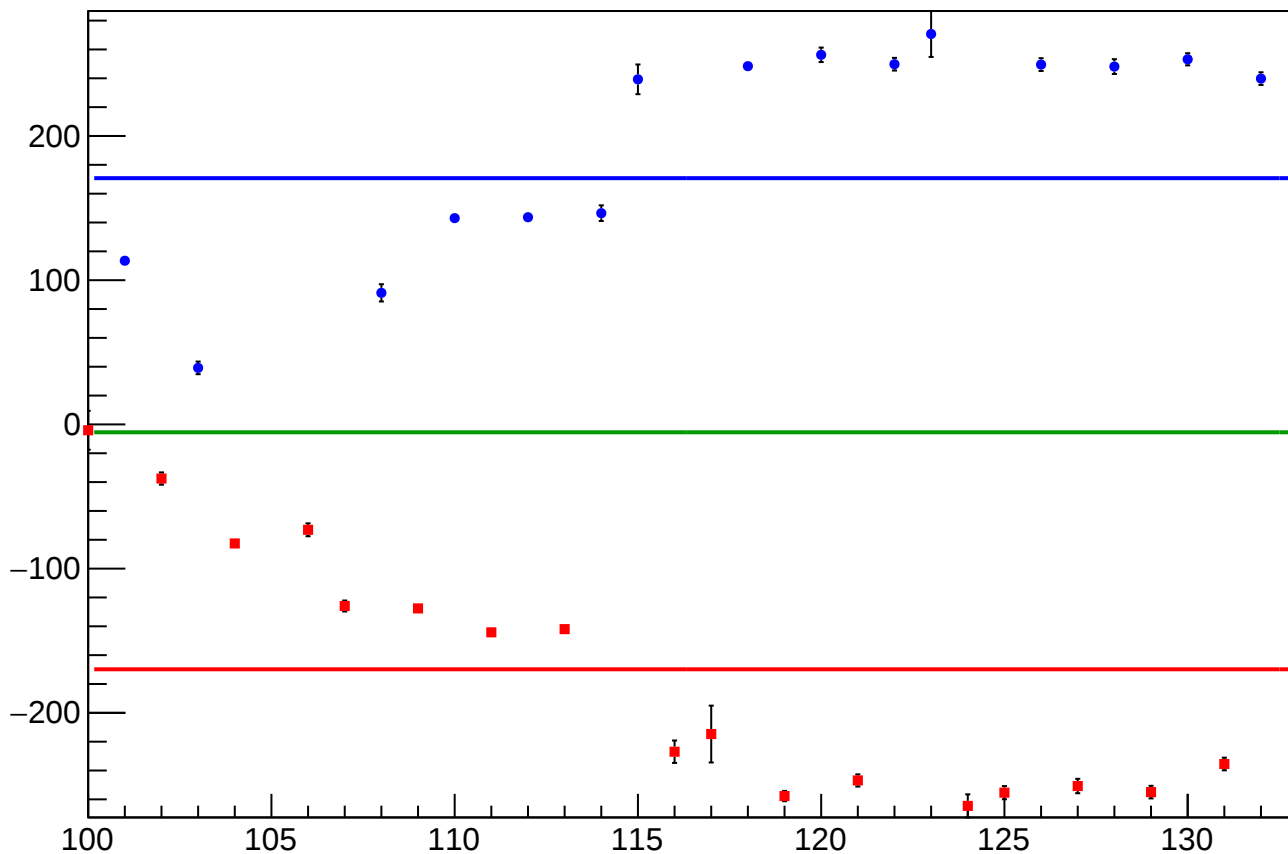
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-70.099+/-1.539 χ^2/NDF : 921.6/14

8.618+/-1.041 χ^2/NDF : 6564.7/32

74.961+/-1.413 χ^2/NDF : 822.2/17

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: -169.809+/-0.977 χ^2/NDF : 5683.3/17

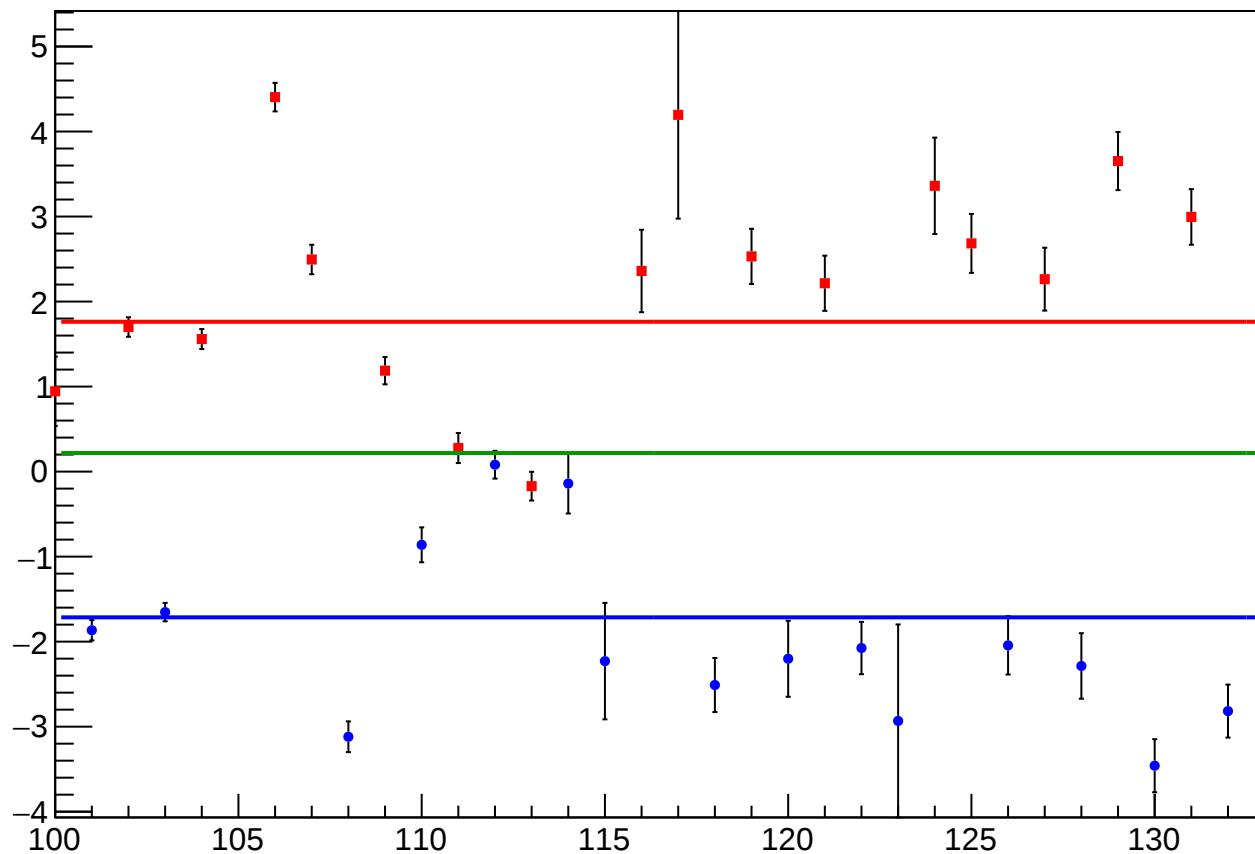
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.754+/-1.012 χ^2/NDF : 4416.3/14

-5.460+/-0.703 χ^2/NDF : 68684.1/32

-169.809+/-0.977 χ^2/NDF : 5683.3/17

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.714 $\pm$ 0.056 χ^2 /NDF: 277.7/14

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

Right Out: 1.762 $\pm$ 0.050 χ^2 /NDF: 587.8/17

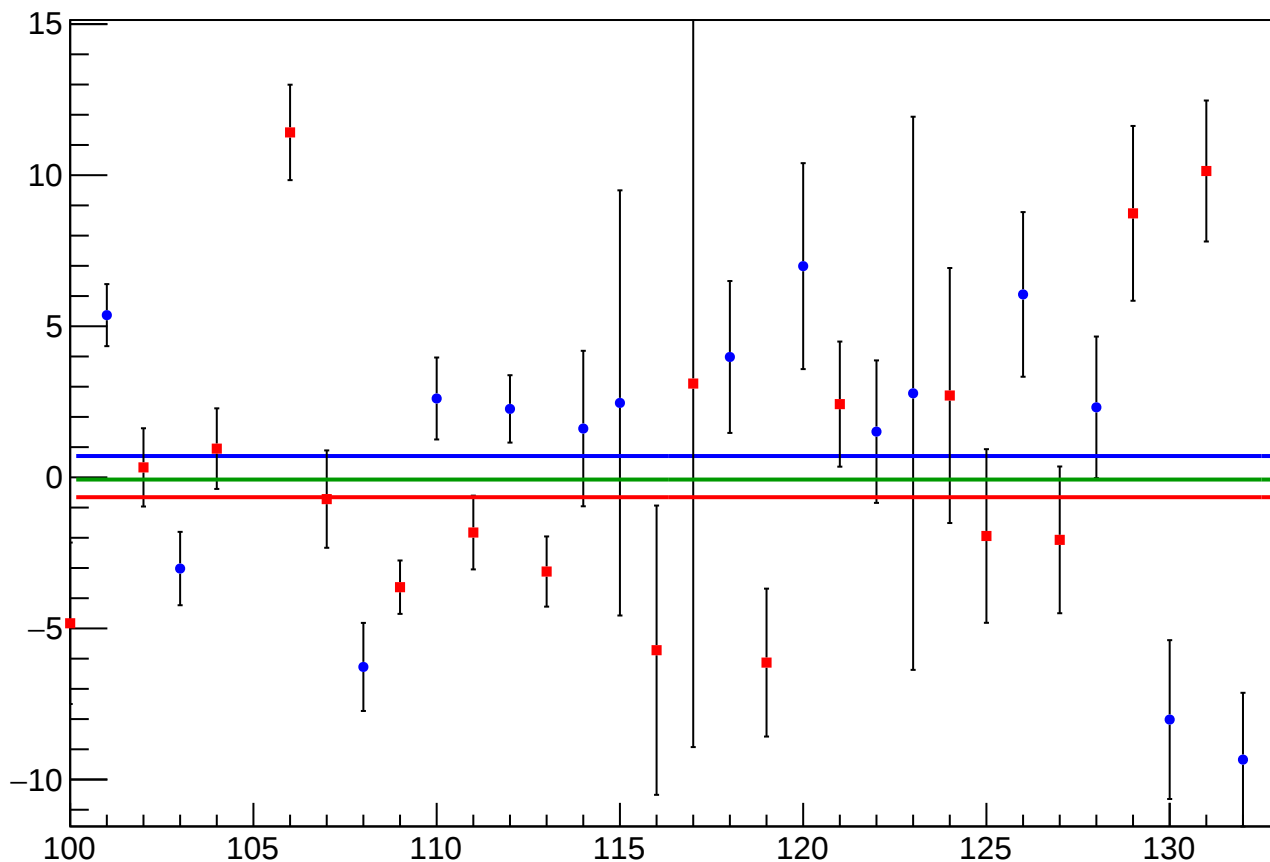
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.714 $\pm$ 0.056 χ^2 /NDF: 277.7/14

0.219 $\pm$ 0.037 χ^2 /NDF: 3009.0/32

1.762 $\pm$ 0.050 χ^2 /NDF: 587.8/17

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.706 $\pm$ 0.460 χ^2 /NDF: 98.3/14

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

Right Out: -0.657 $\pm$ 0.399 χ^2 /NDF: 129.3/17

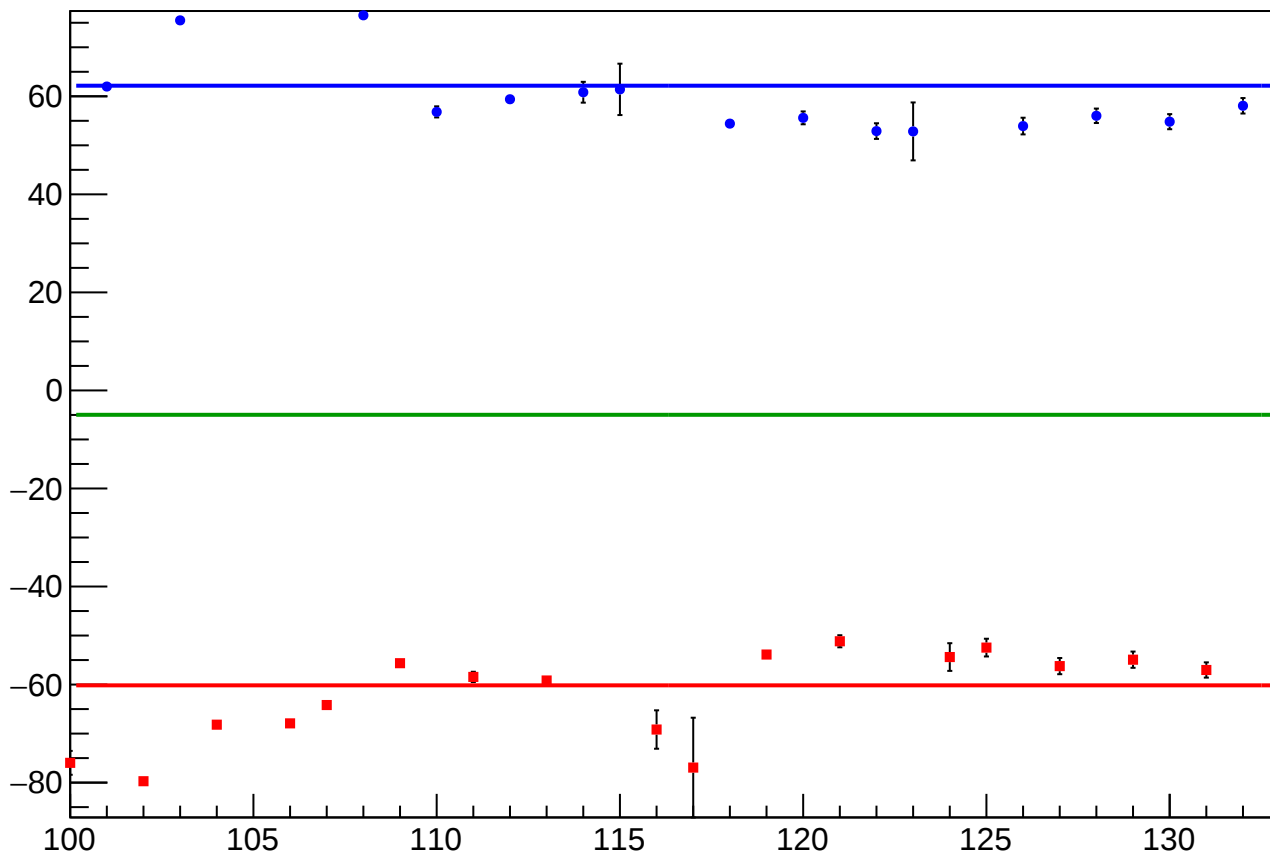
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.706 $\pm$ 0.460 χ^2 /NDF: 98.3/14

-0.073 $\pm$ 0.301 χ^2 /NDF: 232.6/32

-0.657 $\pm$ 0.399 χ^2 /NDF: 129.3/17

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: -60.159 ± 0.258 χ^2/NDF : 1231.7/17

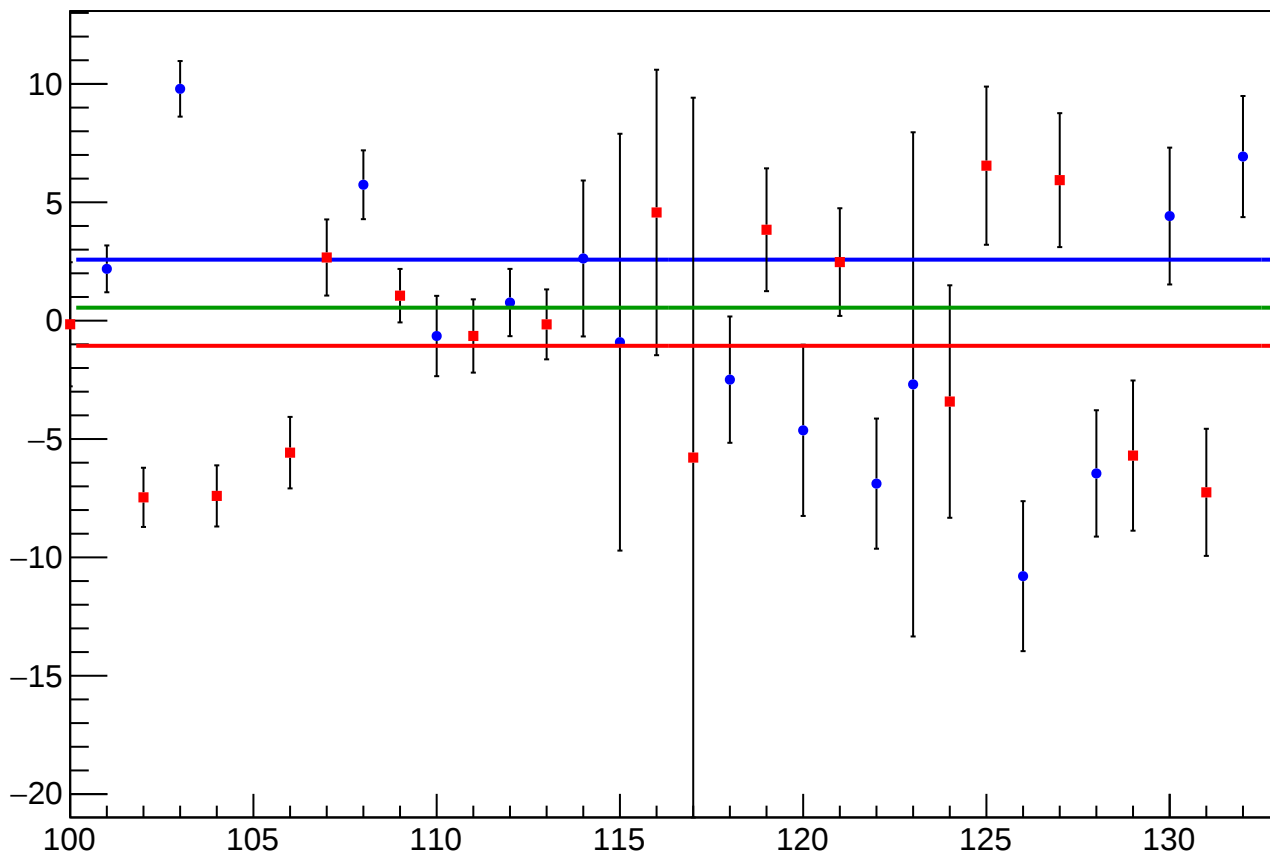
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

62.162 ± 0.285 χ^2/NDF : 715.4/14

-4.971 ± 0.191 χ^2/NDF : 103052.6/32

-60.159 ± 0.258 χ^2/NDF : 1231.7/17

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.577+/-0.498 χ^2/NDF : 100.3/14

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

Right Out: -1.062+/-0.443 χ^2/NDF : 149.0/17

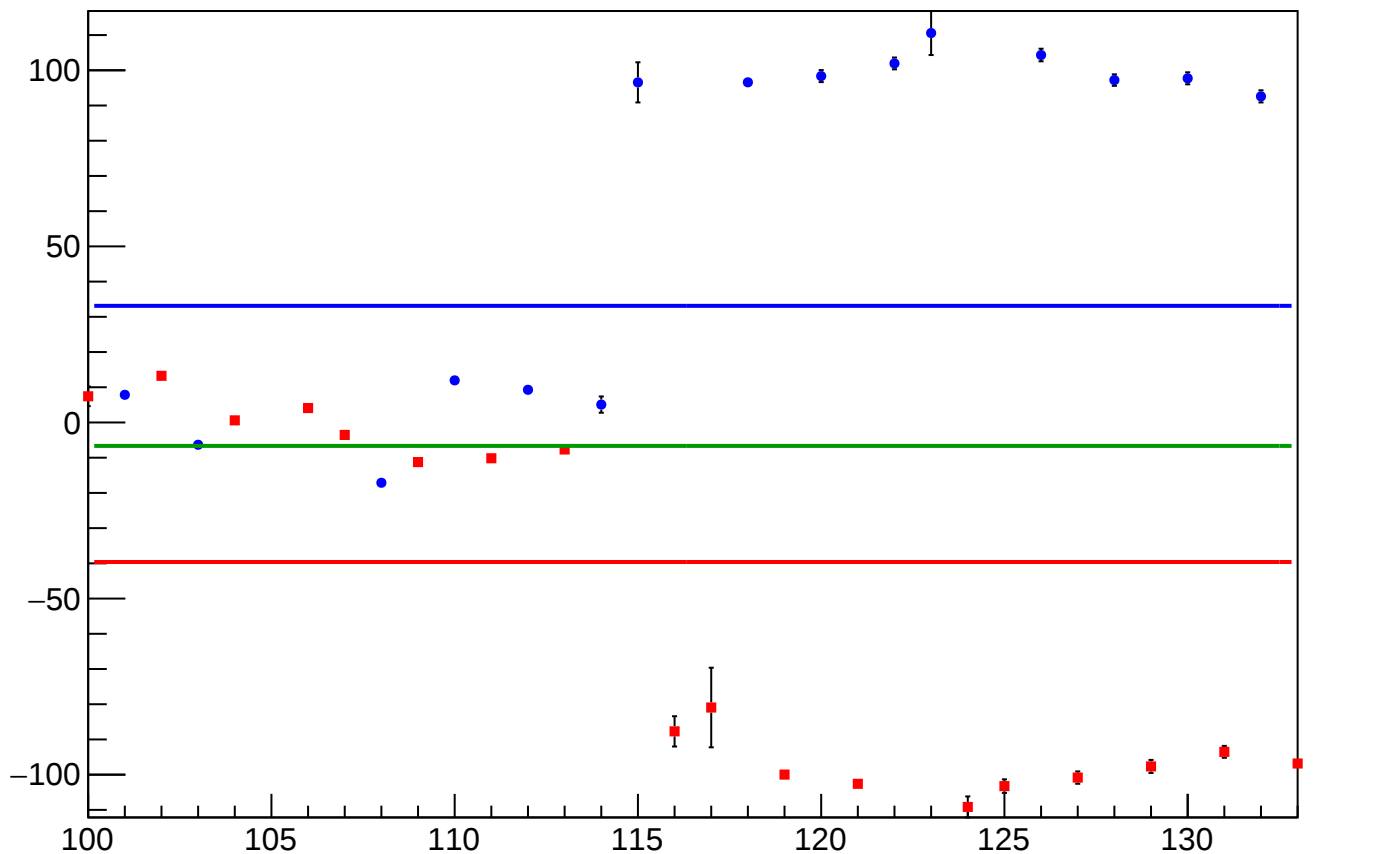
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.577+/-0.498 χ^2/NDF : 100.3/14

0.548+/-0.331 χ^2/NDF : 279.1/32

-1.062+/-0.443 χ^2/NDF : 149.0/17

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.119+/-0.336 χ^2/NDF : 17964.0/14

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

Right Out: -39.614+/-0.306 χ^2/NDF : 24079.0/17

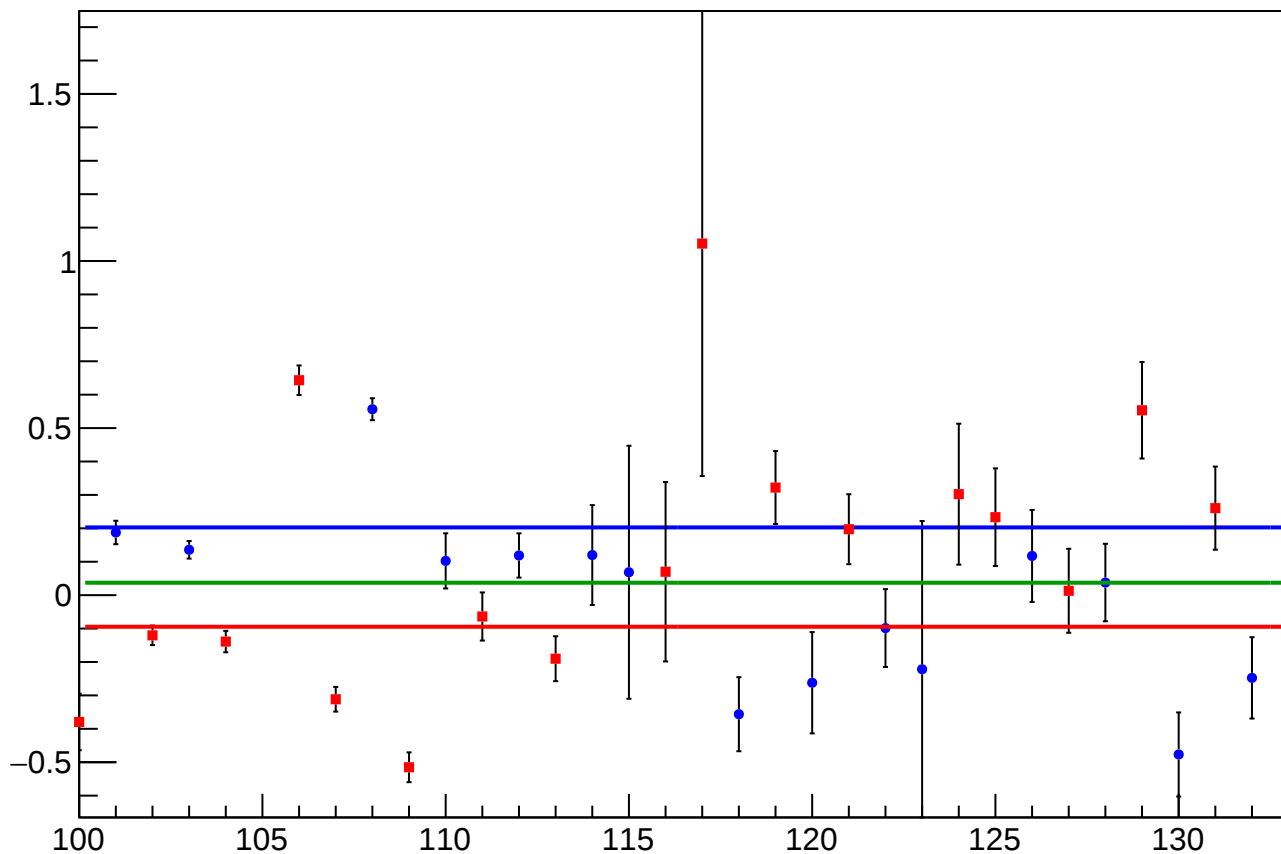
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.119+/-0.336 χ^2/NDF : 17964.0/14

-6.651+/-0.226 χ^2/NDF : 67641.6/32

-39.614+/-0.306 χ^2/NDF : 24079.0/17

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: -0.095+/-0.014 χ^2/NDF : 482.7/17

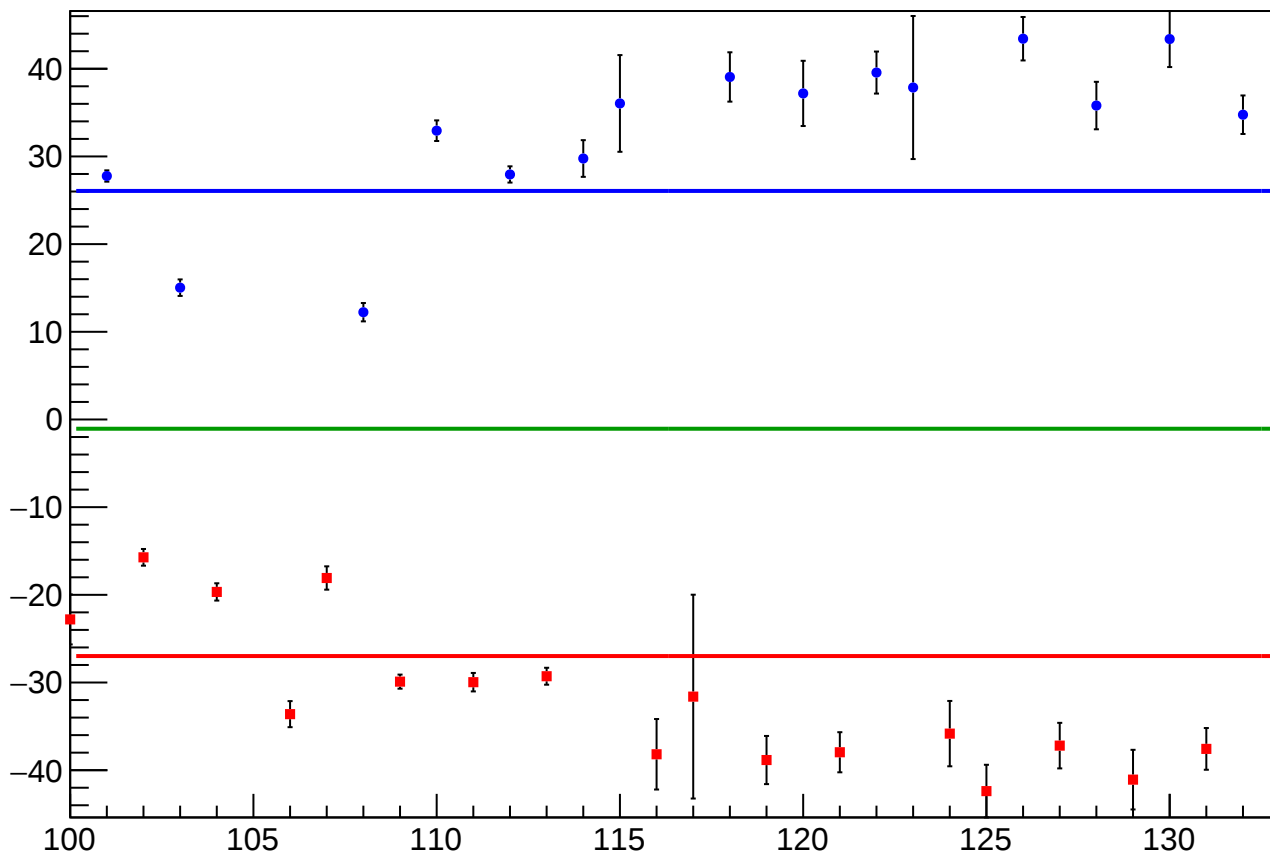
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.203+/-0.016 χ^2/NDF : 213.8/14

0.037+/-0.010 χ^2/NDF : 896.9/32

-0.095+/-0.014 χ^2/NDF : 482.7/17

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 26.066+/-0.363 χ^2/NDF : 534.5/14

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

Right Out: -26.982+/-0.355 χ^2/NDF : 436.9/17

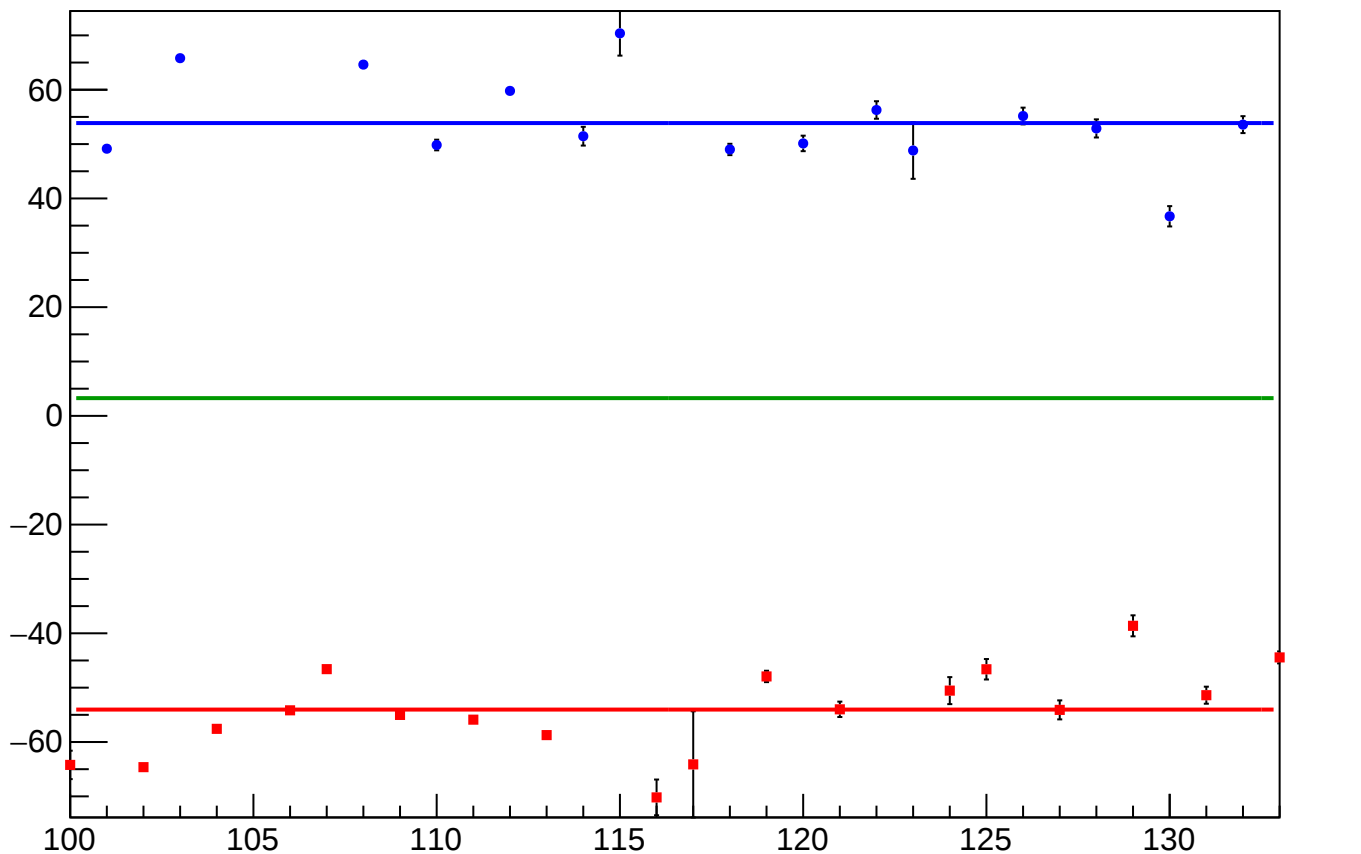
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

26.066+/-0.363 χ^2/NDF : 534.5/14

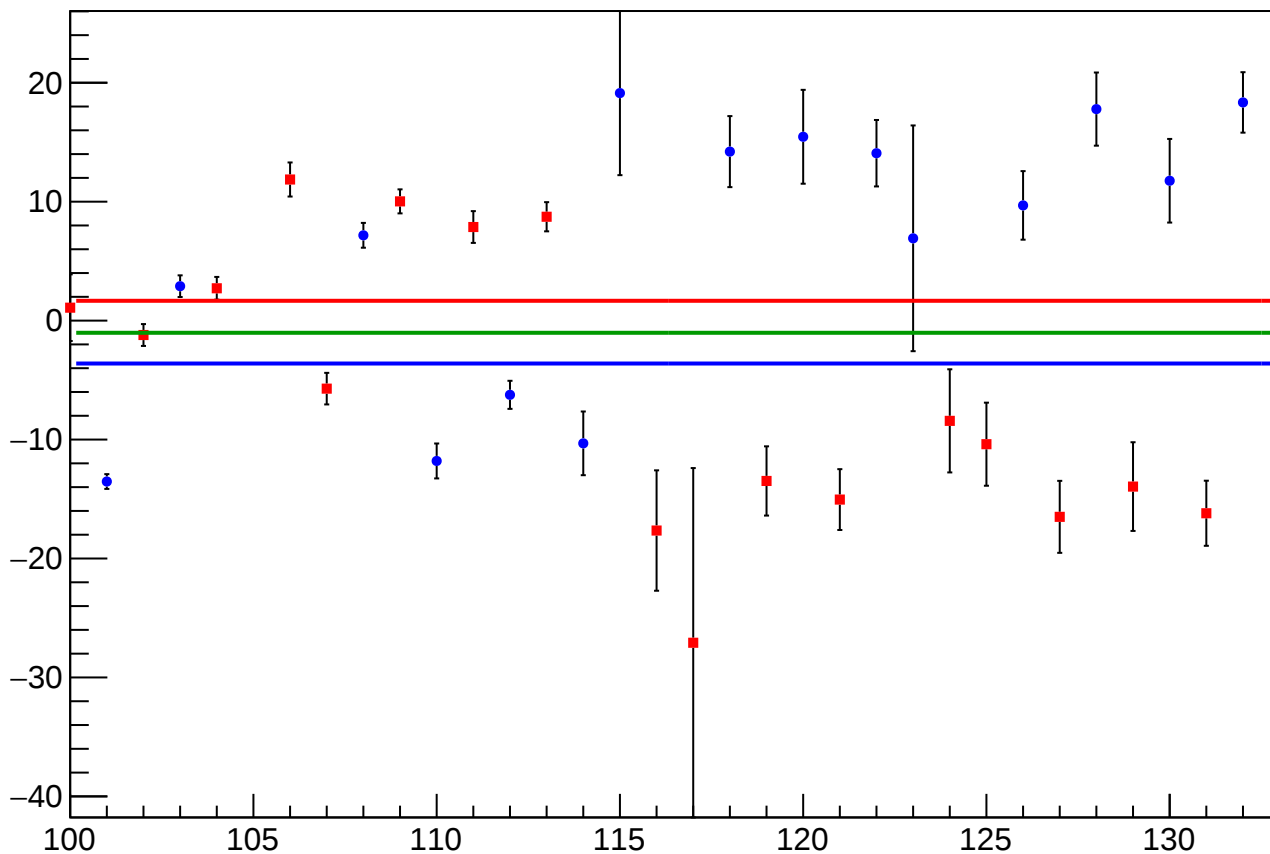
-1.056+/-0.254 χ^2/NDF : 11885.7/32

-26.982+/-0.355 χ^2/NDF : 436.9/17

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 1.667+/-0.390 χ^2 /NDF: 469.1/17

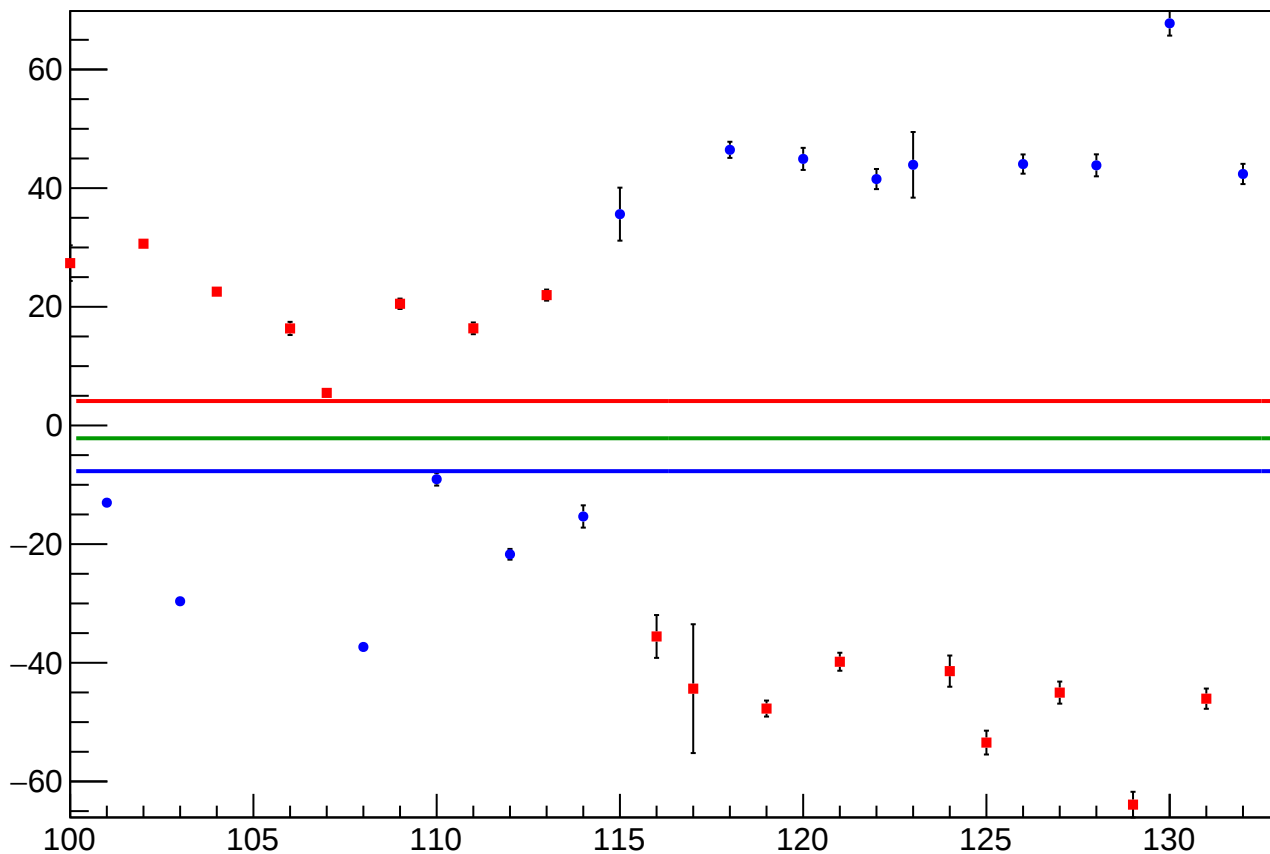
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.606+/-0.383 χ^2 /NDF: 729.2/14

-1.022+/-0.273 χ^2 /NDF: 1291.4/32

1.667+/-0.390 χ^2 /NDF: 469.1/17

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: 4.115+/-0.279 χ^2/NDF : 10182.4/17

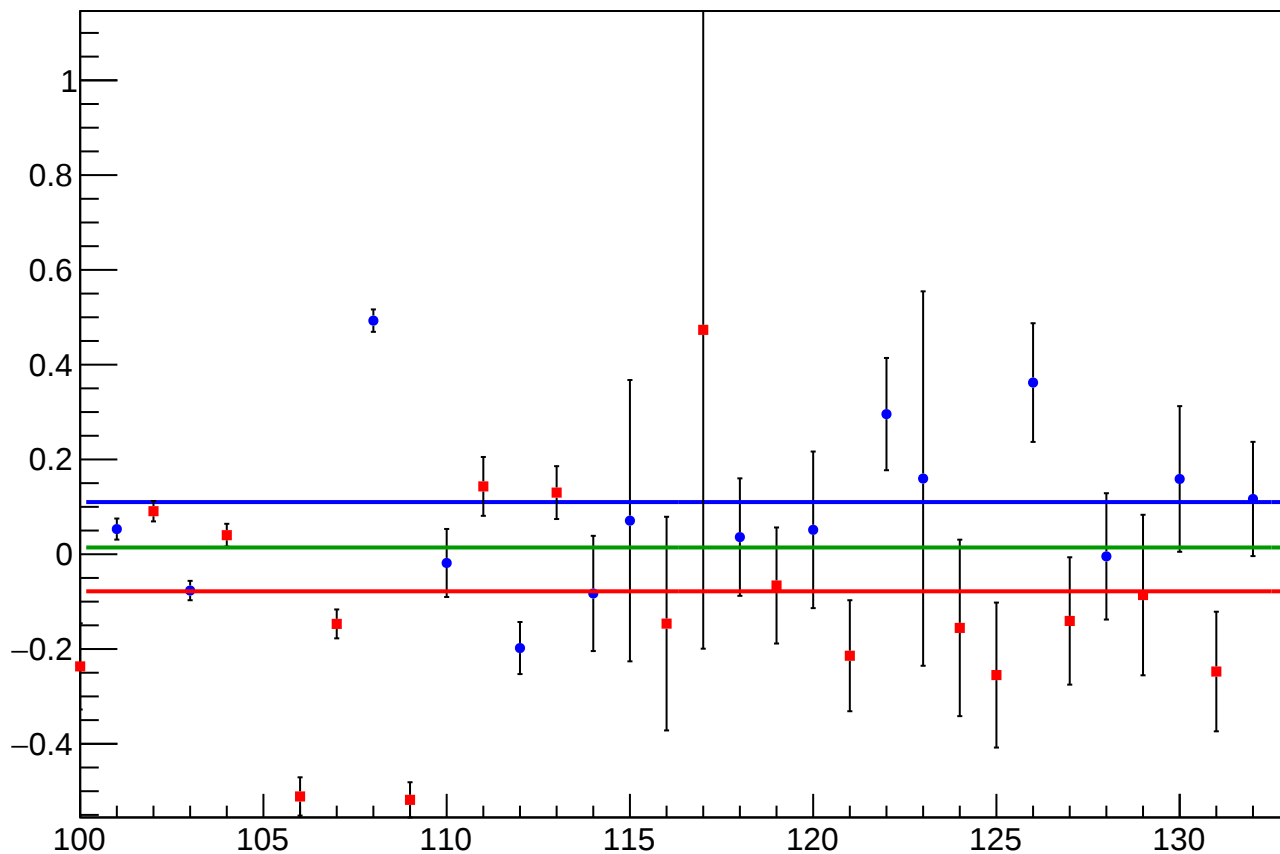
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.701+/-0.263 χ^2/NDF : 9954.4/14

-2.161+/-0.191 χ^2/NDF : 21086.5/32

4.115+/-0.279 χ^2/NDF : 10182.4/17

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.110 ± 0.012 $\chi^2/\text{NDF}: 397.0/14$

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

Right Out: -0.078 ± 0.012 $\chi^2/\text{NDF}: 384.3/17$

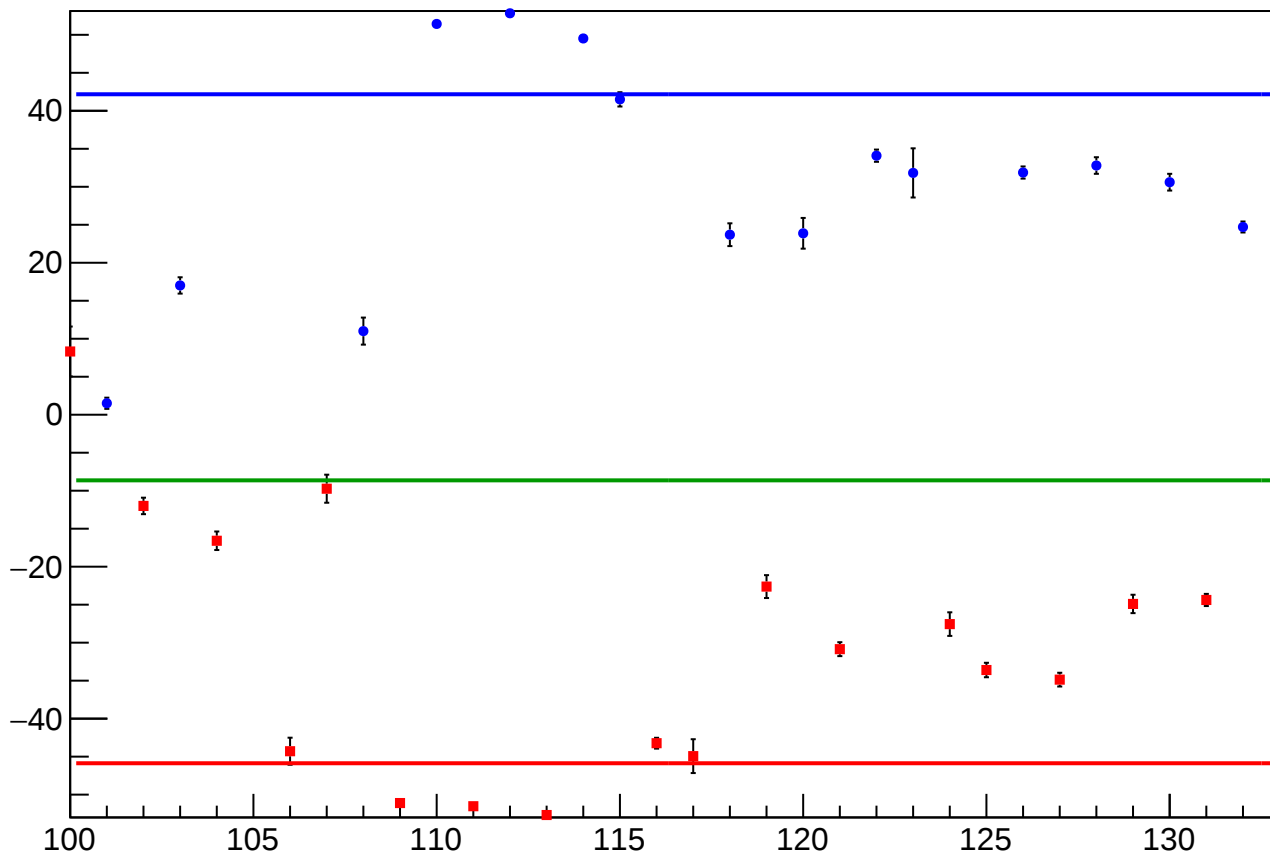
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.110 ± 0.012 $\chi^2/\text{NDF}: 397.0/14$

0.014 ± 0.008 $\chi^2/\text{NDF}: 911.6/32$

-0.078 ± 0.012 $\chi^2/\text{NDF}: 384.3/17$

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: -45.870+/-0.151 χ^2/NDF : 5397.7/17

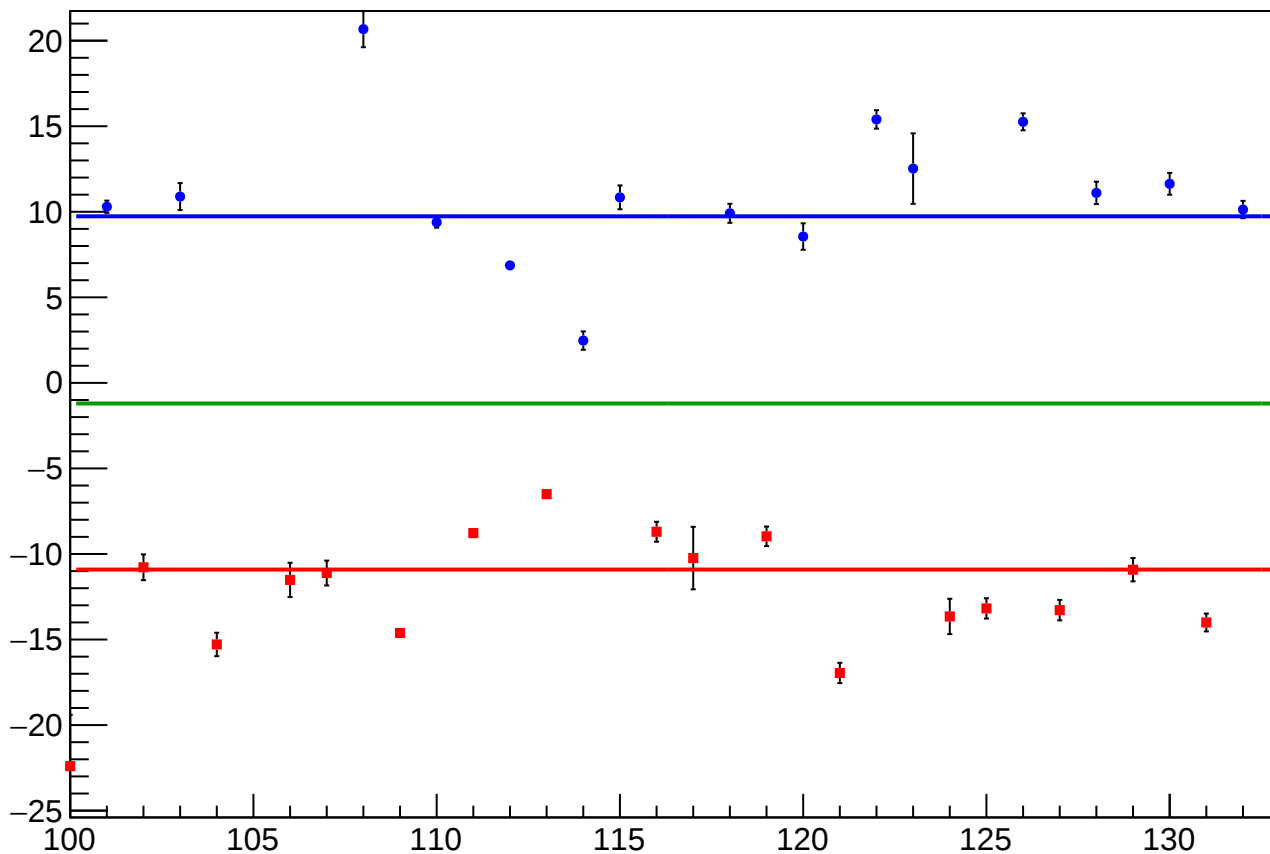
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.176+/-0.177 χ^2/NDF : 7171.4/14

-8.637+/-0.115 χ^2/NDF : 156038.2/32

-45.870+/-0.151 χ^2/NDF : 5397.7/17

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: -10.910+/-0.120 χ^2/NDF : 771.8/17

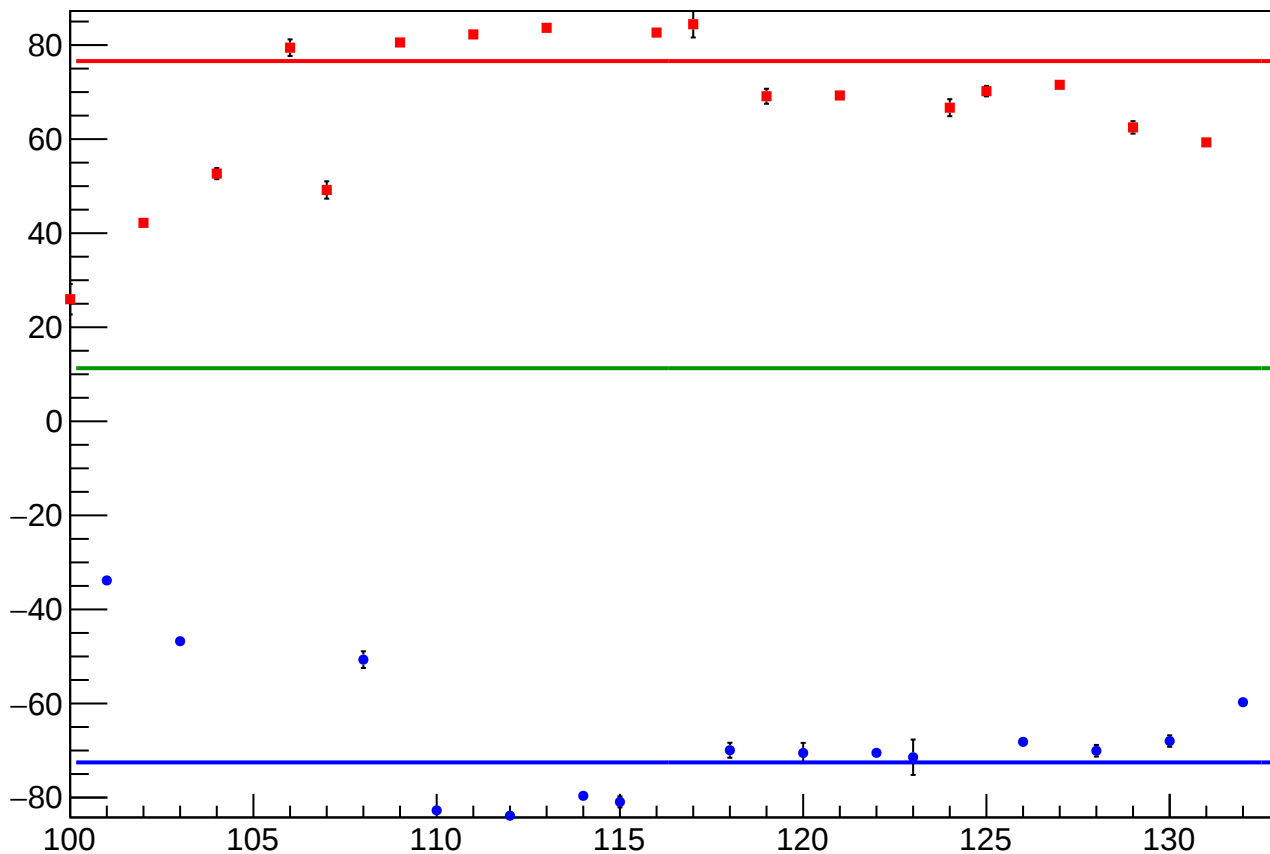
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.735+/-0.128 χ^2/NDF : 667.4/14

-1.204+/-0.088 χ^2/NDF : 15252.6/32

-10.910+/-0.120 χ^2/NDF : 771.8/17

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.526 ± 0.211 $\chi^2/\text{NDF}: 5488.4/14$

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

Right Out: 76.596 ± 0.186 $\chi^2/\text{NDF}: 3253.0/17$

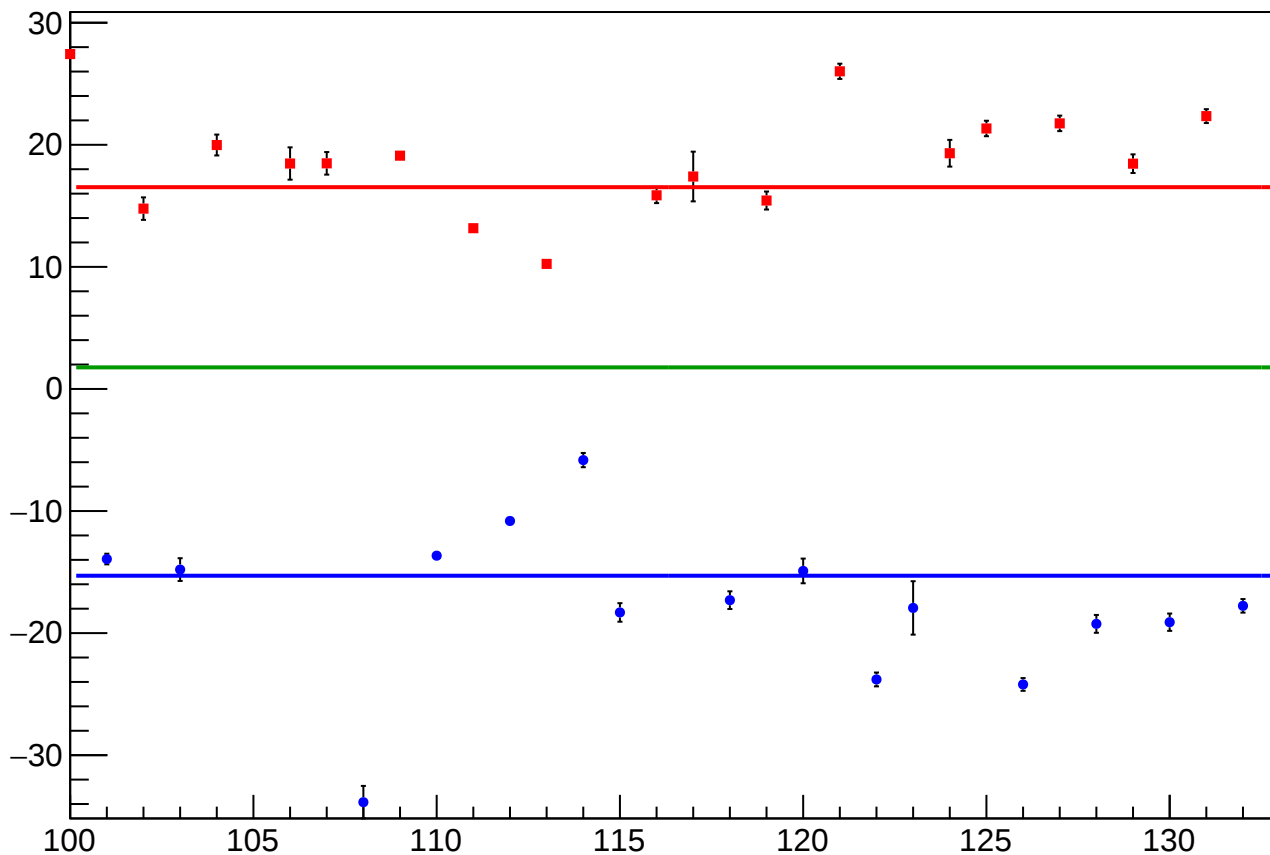
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-72.526 ± 0.211 $\chi^2/\text{NDF}: 5488.4/14$

11.292 ± 0.140 $\chi^2/\text{NDF}: 289281.2/32$

76.596 ± 0.186 $\chi^2/\text{NDF}: 3253.0/17$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.299 ± 0.144 $\chi^2/\text{NDF}: 1343.1/14$

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

Right Out: 16.529 ± 0.133 $\chi^2/\text{NDF}: 1143.4/17$

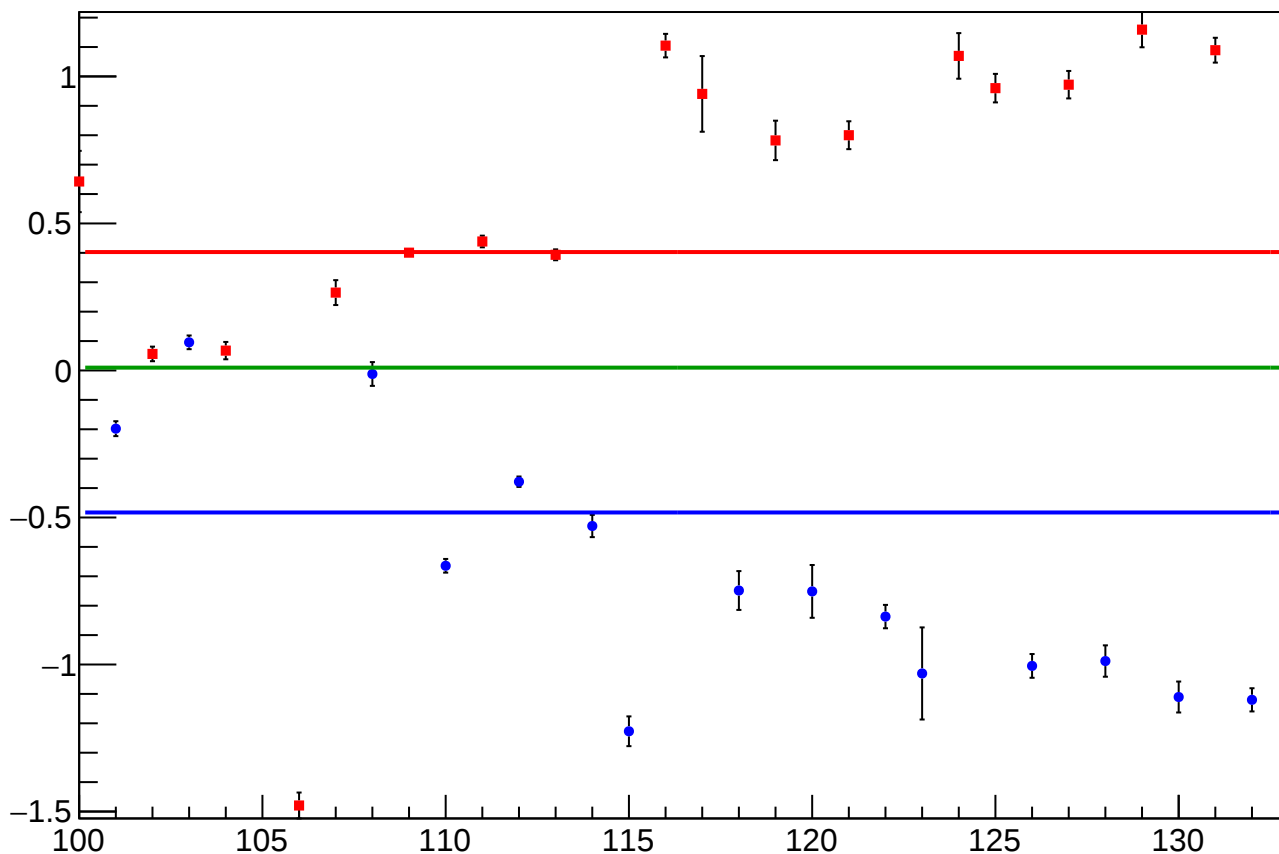
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-15.299 ± 0.144 $\chi^2/\text{NDF}: 1343.1/14$

1.768 ± 0.098 $\chi^2/\text{NDF}: 28862.4/32$

16.529 ± 0.133 $\chi^2/\text{NDF}: 1143.4/17$

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: 0.403 ± 0.008 χ^2/NDF : 3374.4/17

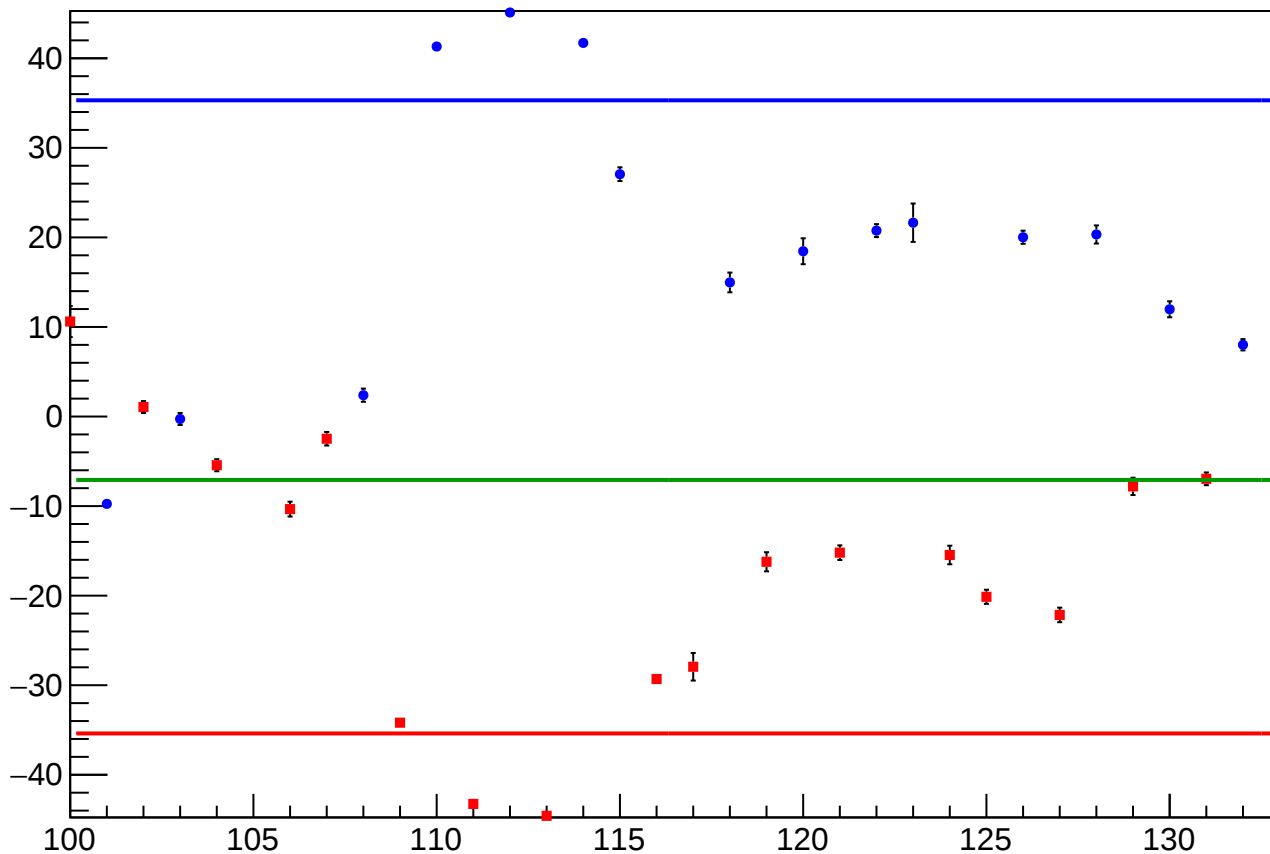
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.483 ± 0.009 χ^2/NDF : 1968.4/14

0.010 ± 0.006 χ^2/NDF : 11074.5/32

0.403 ± 0.008 χ^2/NDF : 3374.4/17

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: -35.386+/-0.088 χ^2/NDF : 17660.9/17

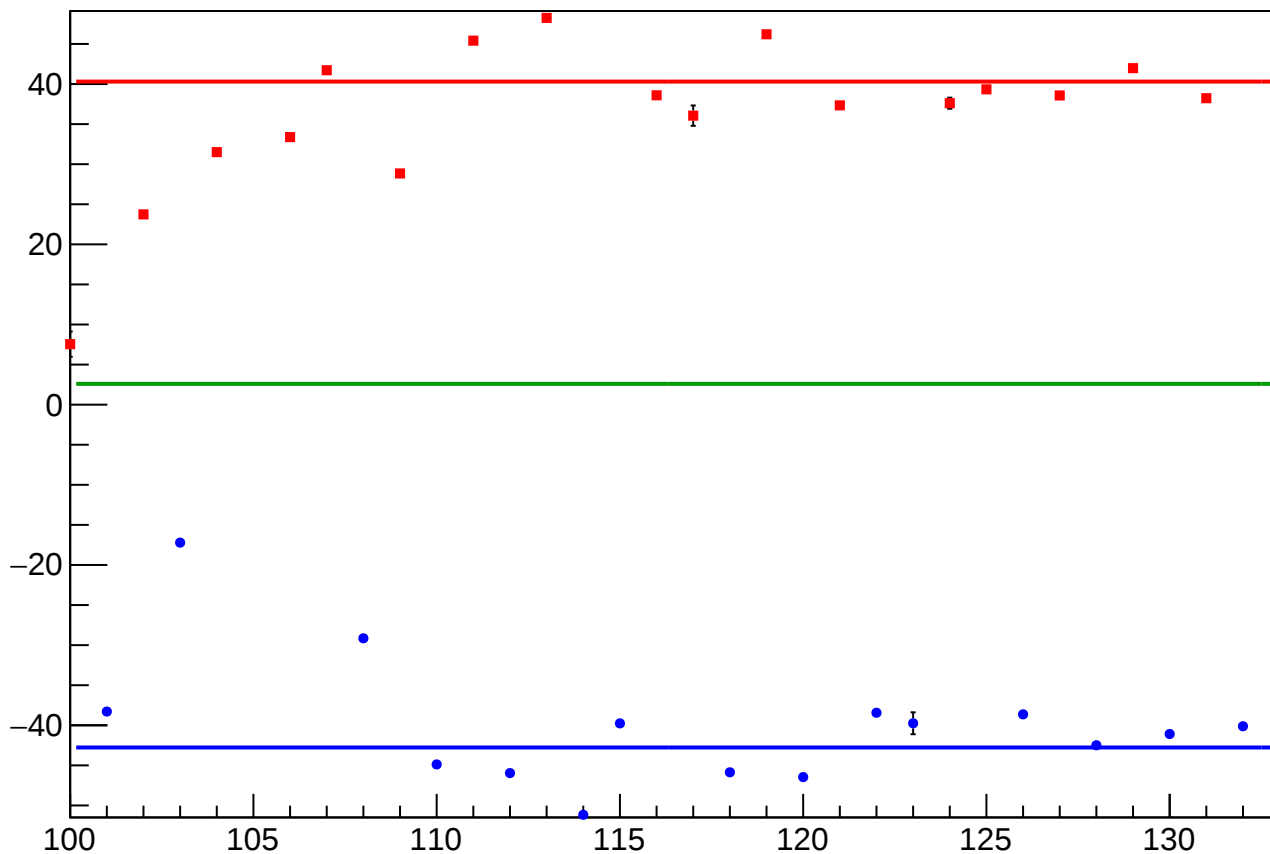
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.307+/-0.107 χ^2/NDF : 22485.2/14

-7.083+/-0.068 χ^2/NDF : 300747.3/32

-35.386+/-0.088 χ^2/NDF : 17660.9/17

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.769 ± 0.082 $\chi^2/\text{NDF}: 5550.7/14$

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

Right Out: 40.305 ± 0.074 $\chi^2/\text{NDF}: 11072.3/17$

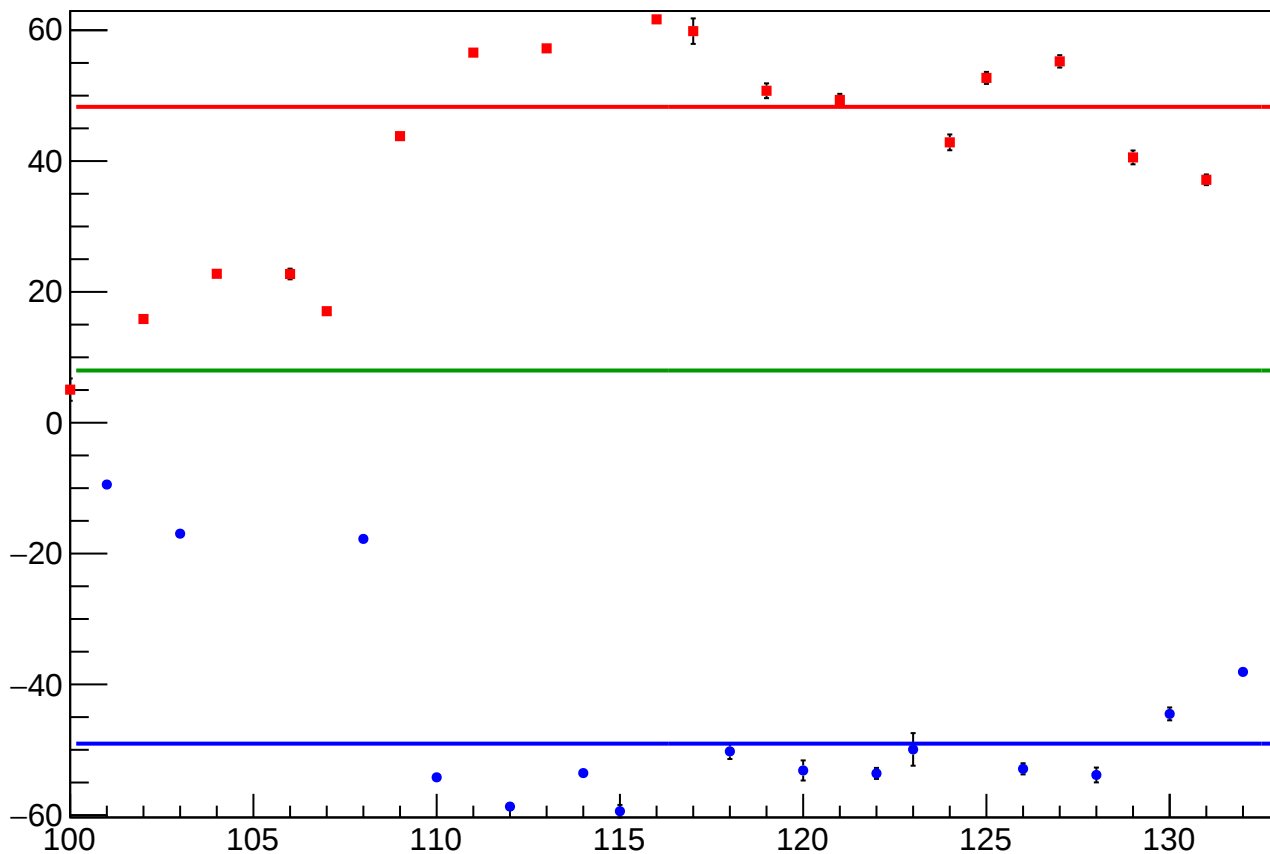
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-42.769 ± 0.082 $\chi^2/\text{NDF}: 5550.7/14$

2.599 ± 0.055 $\chi^2/\text{NDF}: 582349.4/32$

40.305 ± 0.074 $\chi^2/\text{NDF}: 11072.3/17$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.056+/-0.130 χ^2/NDF : 14580.8/14

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

Right Out: 48.289+/-0.109 χ^2/NDF : 11676.3/17

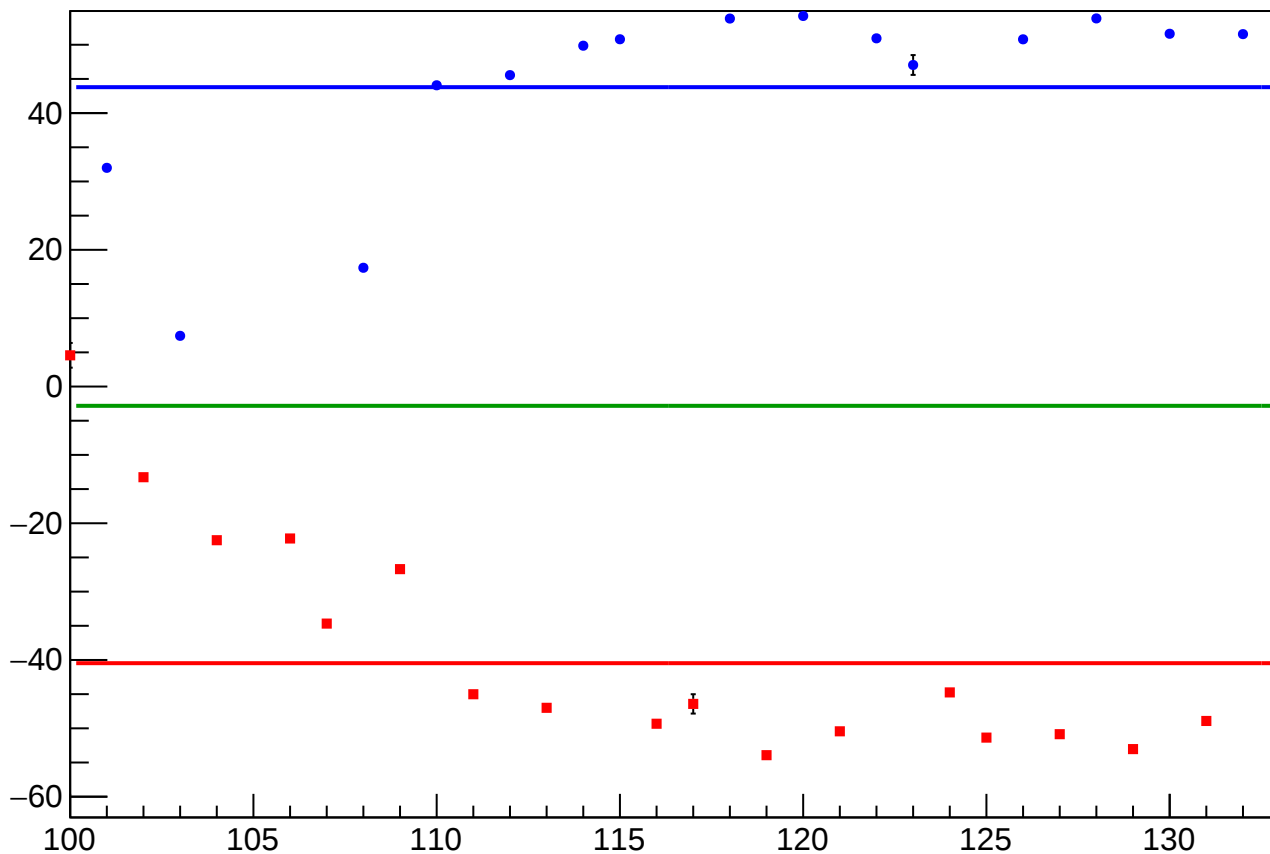
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-49.056+/-0.130 χ^2/NDF : 14580.8/14

7.983+/-0.083 χ^2/NDF : 356154.5/32

48.289+/-0.109 χ^2/NDF : 11676.3/17

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: -40.469 ± 0.082 χ^2/NDF : 17584.3/17

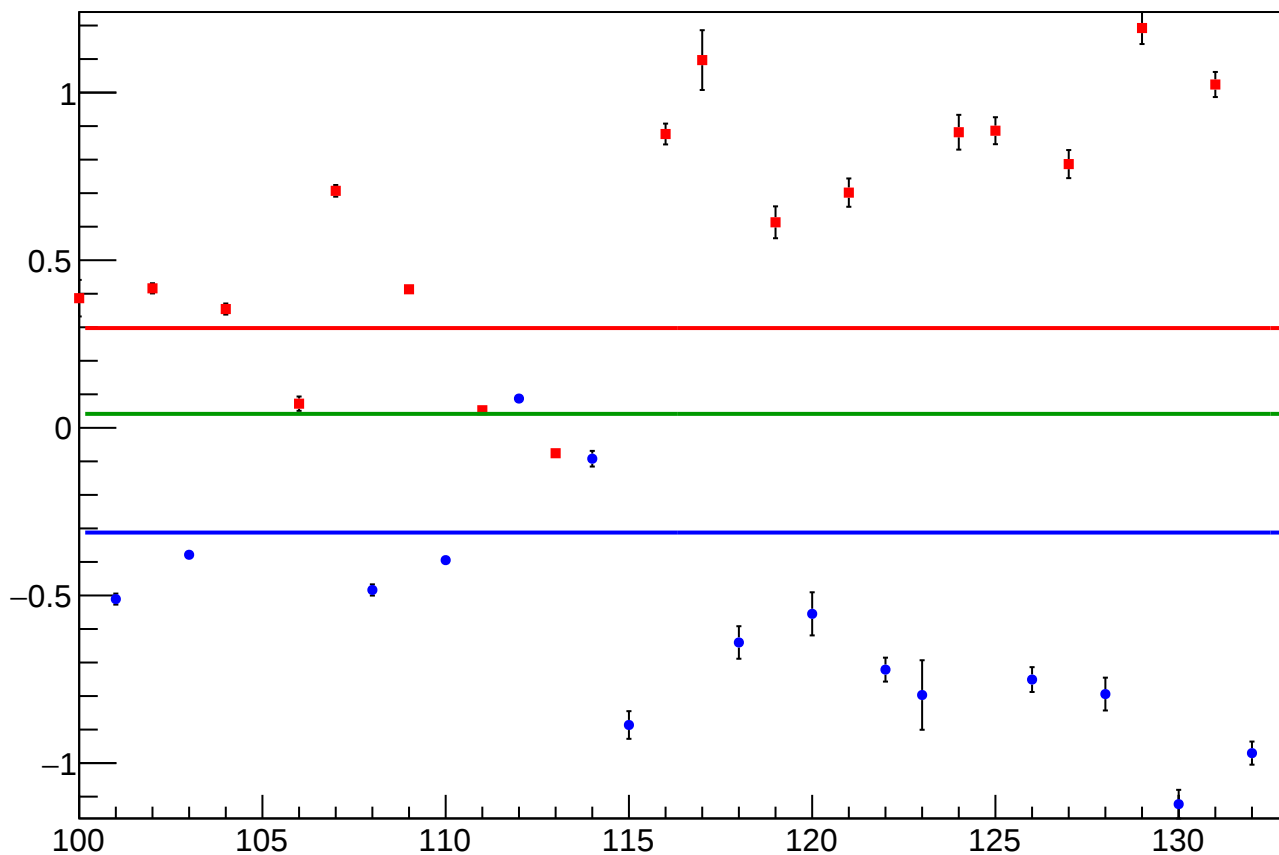
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

43.795 ± 0.092 χ^2/NDF : 9971.1/14

-2.820 ± 0.061 χ^2/NDF : 495731.5/32

-40.469 ± 0.082 χ^2/NDF : 17584.3/17

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: 0.298±/0.005 χ^2/NDF : 4499.2/17

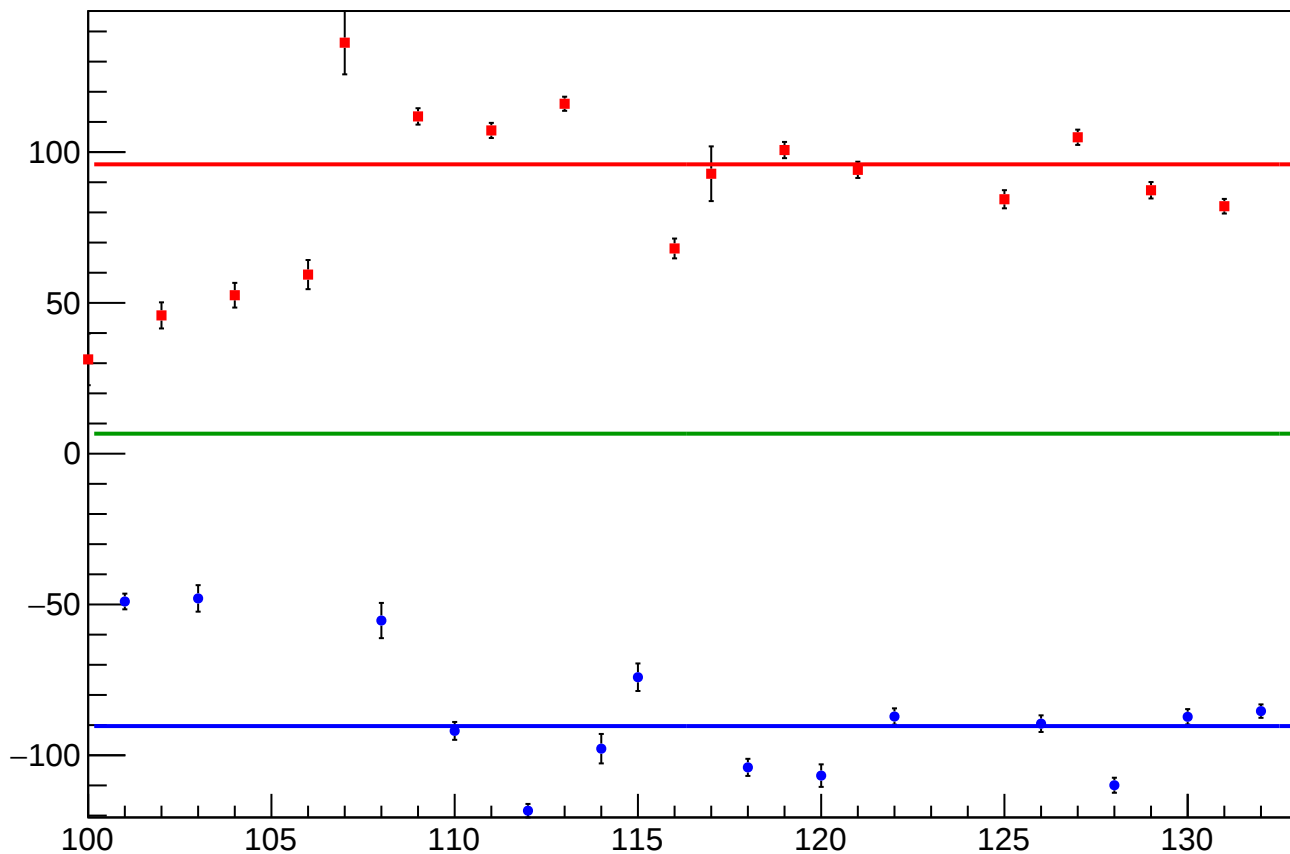
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-0.312±/0.005 χ^2/NDF : 3449.9/14

0.042±/0.003 χ^2/NDF : 15602.5/32

0.298±/0.005 χ^2/NDF : 4499.2/17

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -90.320 $\pm$ 0.788 χ^2/NDF : 665.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 95.941 $\pm$ 0.756 χ^2/NDF : 850.5/16

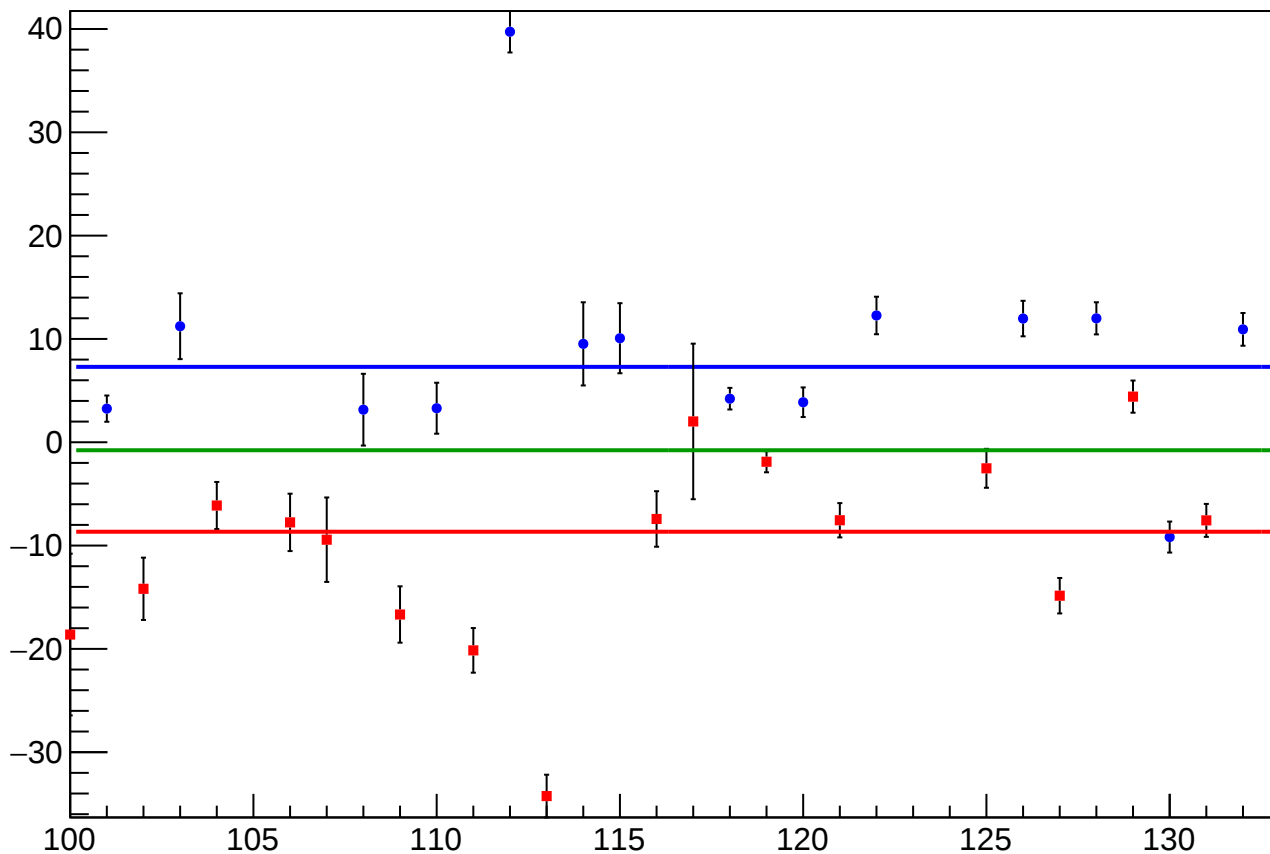
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-90.320 $\pm$ 0.788 χ^2/NDF : 665.7/13

6.635 $\pm$ 0.545 χ^2/NDF : 30624.4/30

95.941 $\pm$ 0.756 χ^2/NDF : 850.5/16

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.298 $\pm$ 0.463 χ^2/NDF : 442.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -8.659 $\pm$ 0.458 χ^2/NDF : 348.8/16

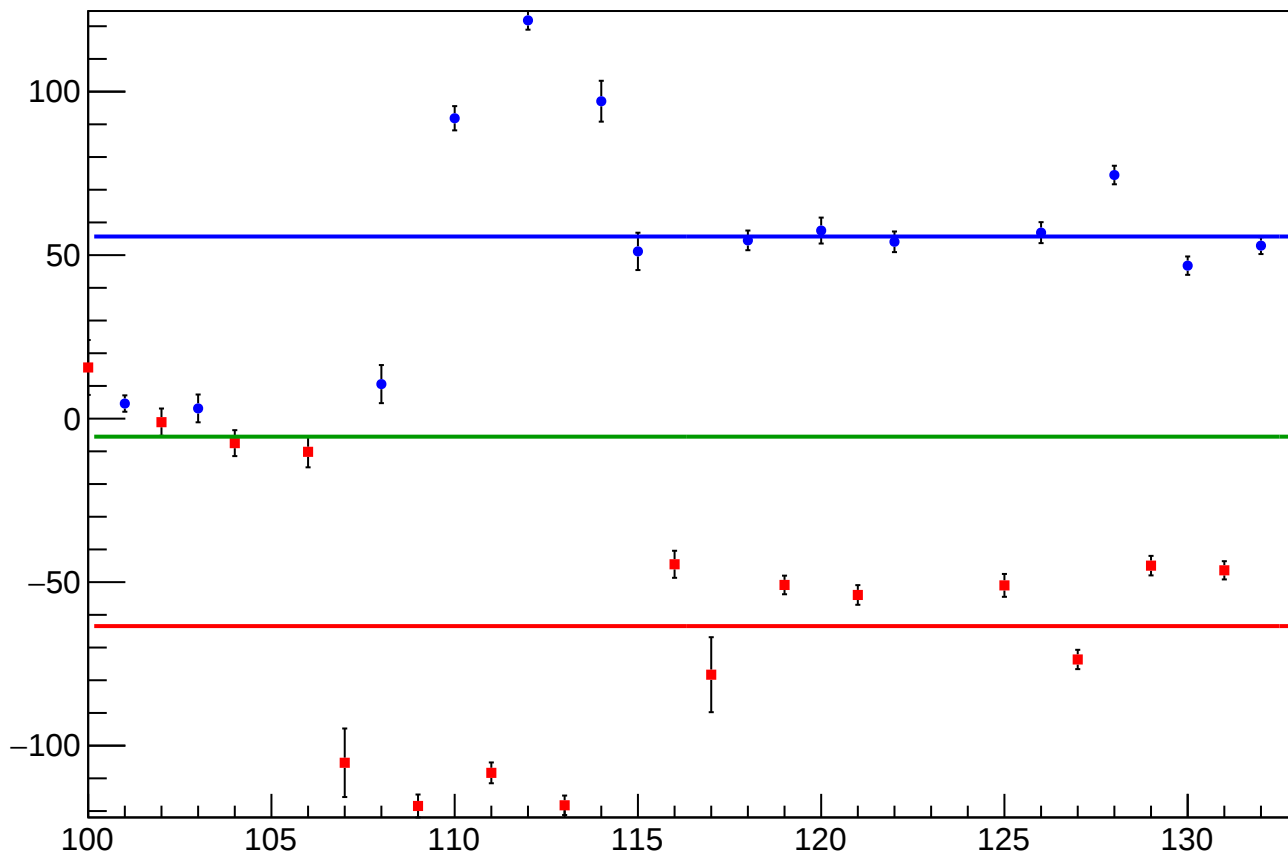
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7.298 $\pm$ 0.463 χ^2/NDF : 442.2/13

-0.774 $\pm$ 0.326 χ^2/NDF : 1391.2/30

-8.659 $\pm$ 0.458 χ^2/NDF : 348.8/16

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.695 ± 0.887 $\chi^2/\text{NDF}: 1360.8/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.441 ± 0.863 $\chi^2/\text{NDF}: 1655.6/16$

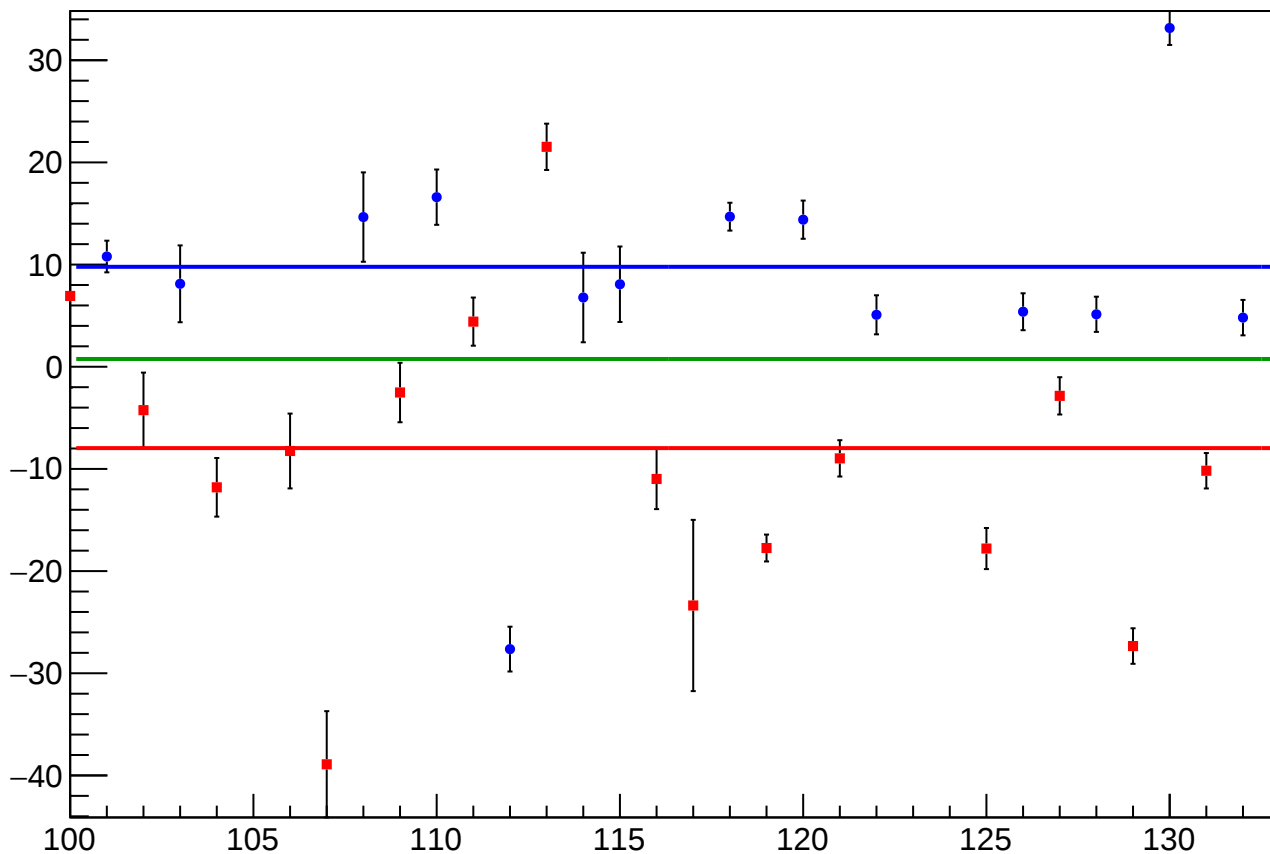
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

55.695 ± 0.887 $\chi^2/\text{NDF}: 1360.8/13$

-5.509 ± 0.619 $\chi^2/\text{NDF}: 12274.8/30$

-63.441 ± 0.863 $\chi^2/\text{NDF}: 1655.6/16$

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: -7.963 $\pm$ 0.530 χ^2/NDF : 557.4/16

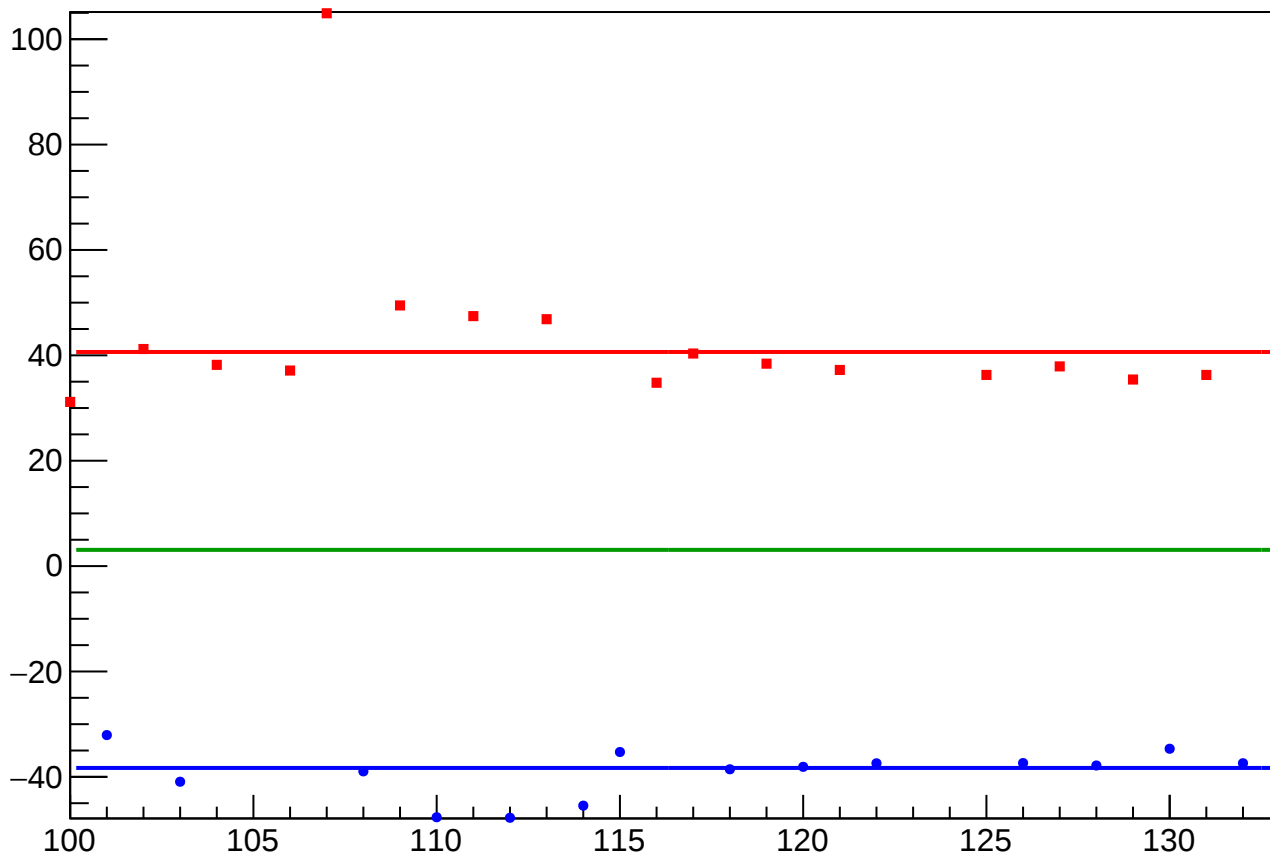
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.782 $\pm$ 0.539 χ^2/NDF : 544.6/13

0.761 $\pm$ 0.378 χ^2/NDF : 1653.5/30

-7.963 $\pm$ 0.530 χ^2/NDF : 557.4/16

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: 40.638 $\pm$ 0.033 χ^2 /NDF: 87626.1/16

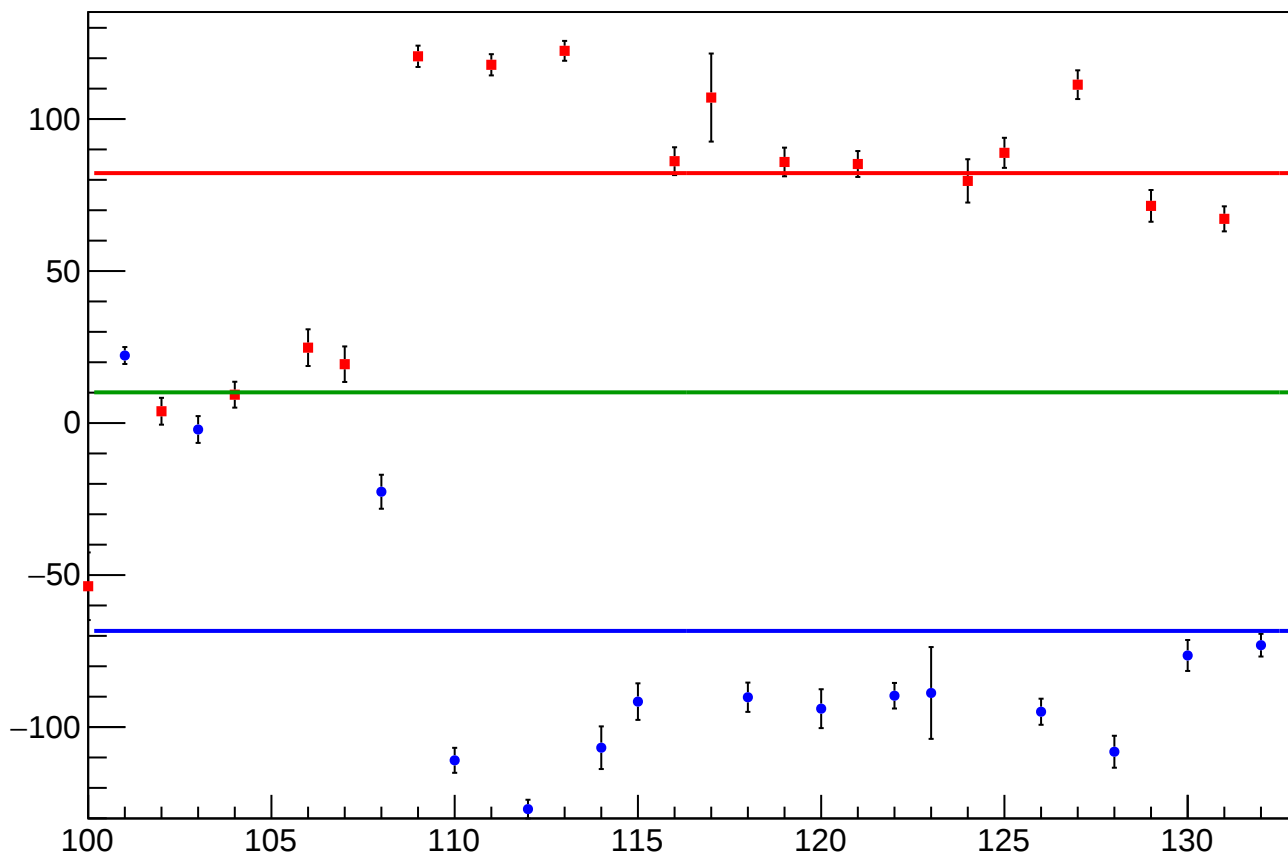
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.306 $\pm$ 0.035 χ^2 /NDF: 15135.8/13

3.082 $\pm$ 0.024 χ^2 /NDF: 2756442.7/30

40.638 $\pm$ 0.033 χ^2 /NDF: 87626.1/16

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: 82.210+/-1.104 χ^2/NDF : 1490.3/17

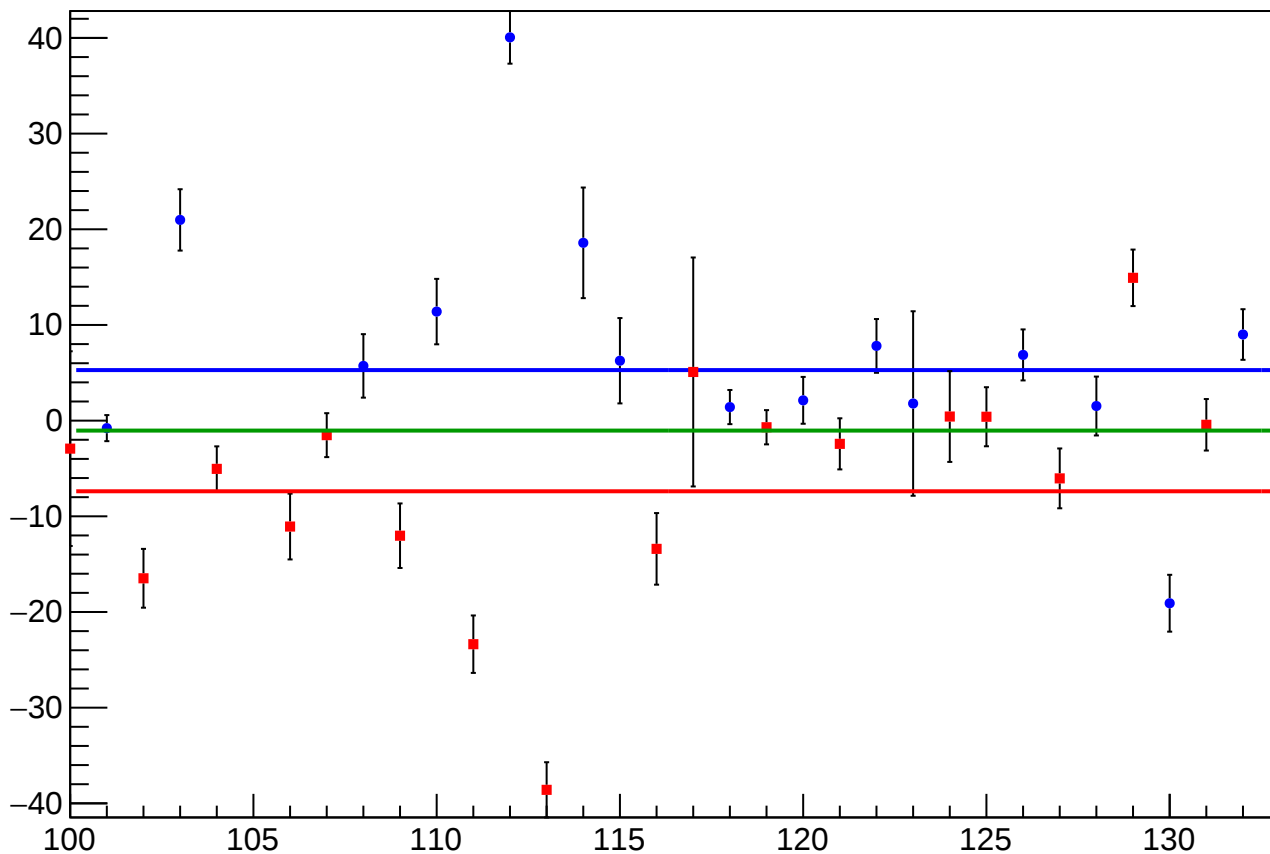
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.369+/-1.152 χ^2/NDF : 2027.8/14

10.101+/-0.797 χ^2/NDF : 12428.5/32

82.210+/-1.104 χ^2/NDF : 1490.3/17

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: -7.384 $\pm$ 0.684 χ^2/NDF : 271.4/17

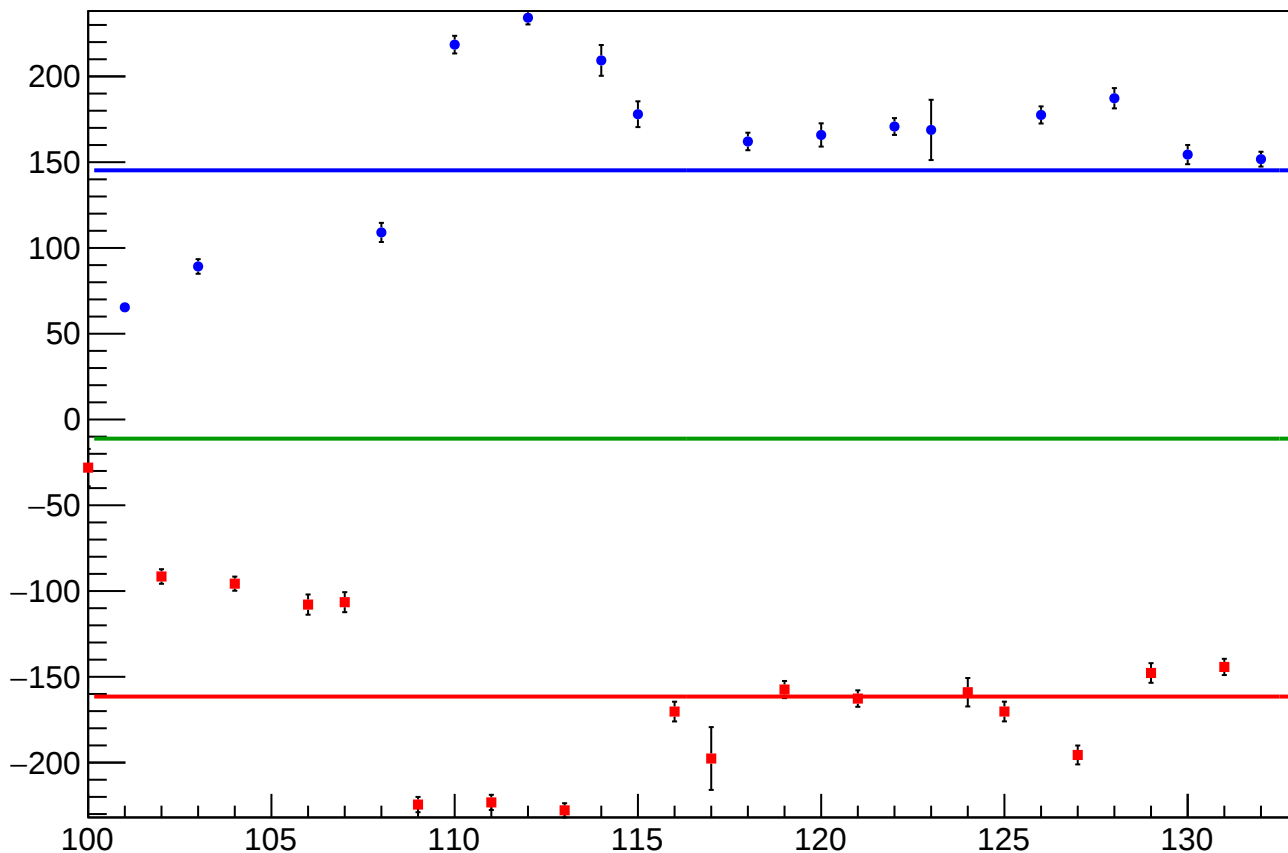
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5.283 $\pm$ 0.683 χ^2/NDF : 290.5/14

-1.040 $\pm$ 0.483 χ^2/NDF : 733.7/32

-7.384 $\pm$ 0.684 χ^2/NDF : 271.4/17

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: -161.509+/-1.247 χ^2/NDF : 1621.7/17

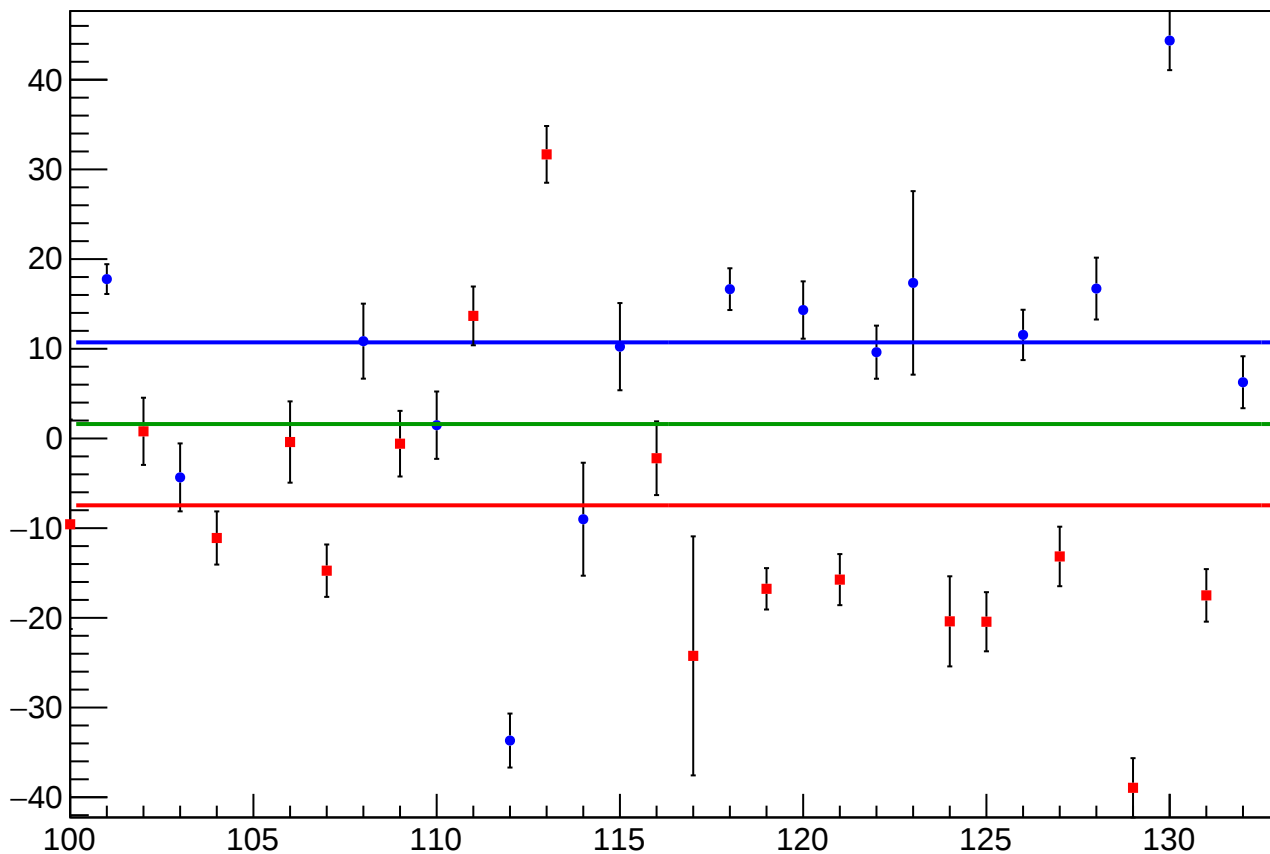
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.256+/-1.272 χ^2/NDF : 2034.3/14

-11.158+/-0.891 χ^2/NDF : 33304.6/32

-161.509+/-1.247 χ^2/NDF : 1621.7/17

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: -7.454+/-0.797 χ^2/NDF : 423.7/17

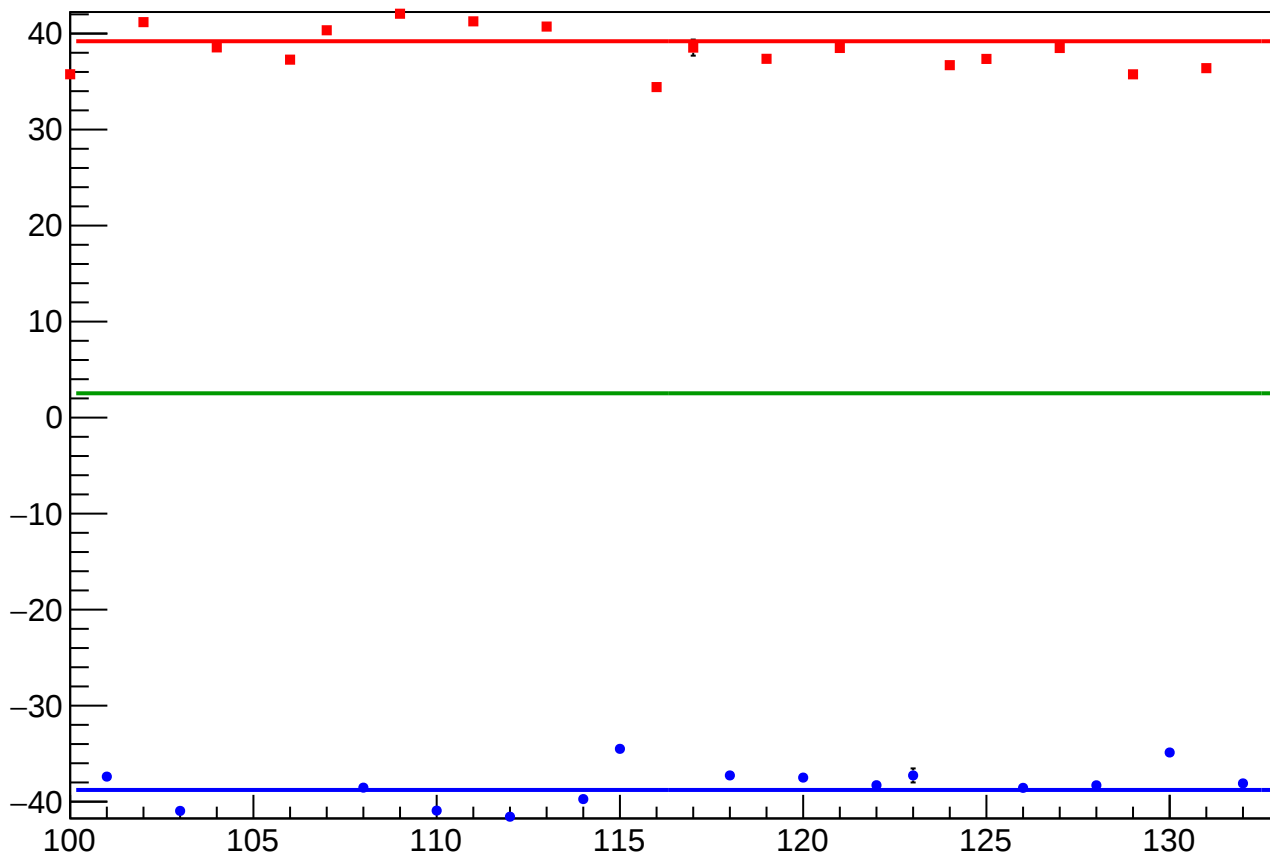
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.716+/-0.799 χ^2/NDF : 385.4/14

1.609+/-0.564 χ^2/NDF : 1068.3/32

-7.454+/-0.797 χ^2/NDF : 423.7/17

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.781+/-0.046 χ^2/NDF : 1569.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.201+/-0.043 χ^2/NDF : 2080.9/17

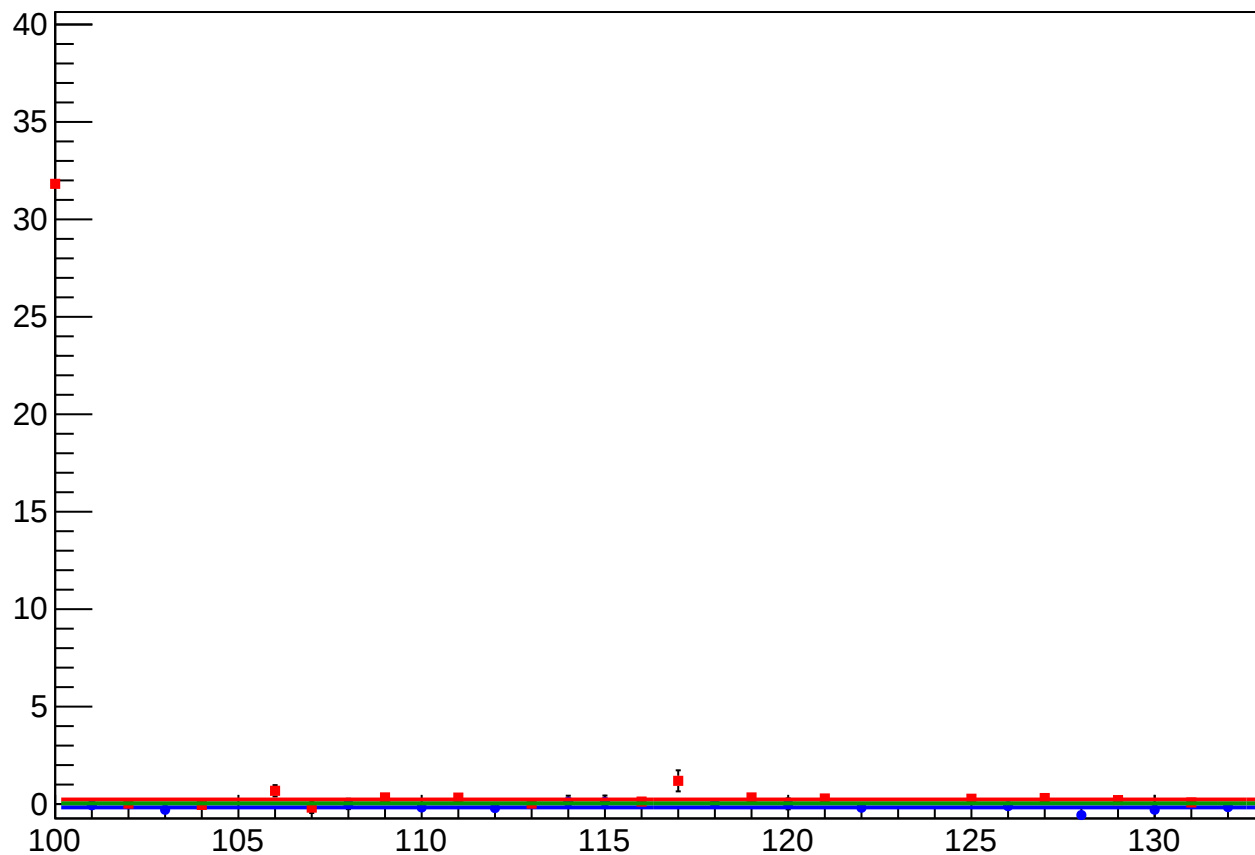
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.781+/-0.046 χ^2/NDF : 1569.0/14

2.532+/-0.031 χ^2/NDF : 1539627.3/32

39.201+/-0.043 χ^2/NDF : 2080.9/17

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: 0.233 ± 0.050 χ^2/NDF : 30.8/16

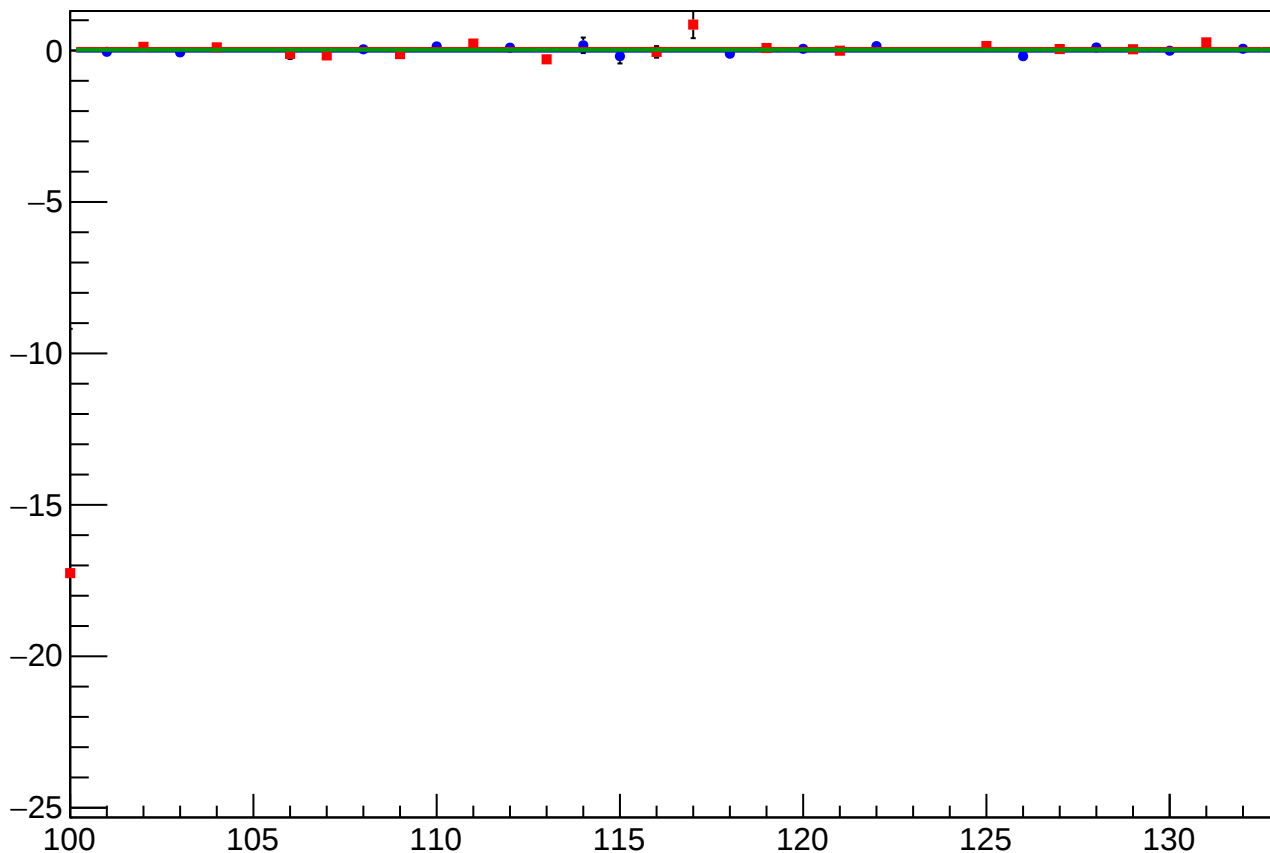
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.170 ± 0.051 χ^2/NDF : 10.2/13

0.037 ± 0.036 χ^2/NDF : 72.8/30

0.233 ± 0.050 χ^2/NDF : 30.8/16

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.003 ± 0.030 χ^2/NDF : 9.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.052 ± 0.030 χ^2/NDF : 27.5/16

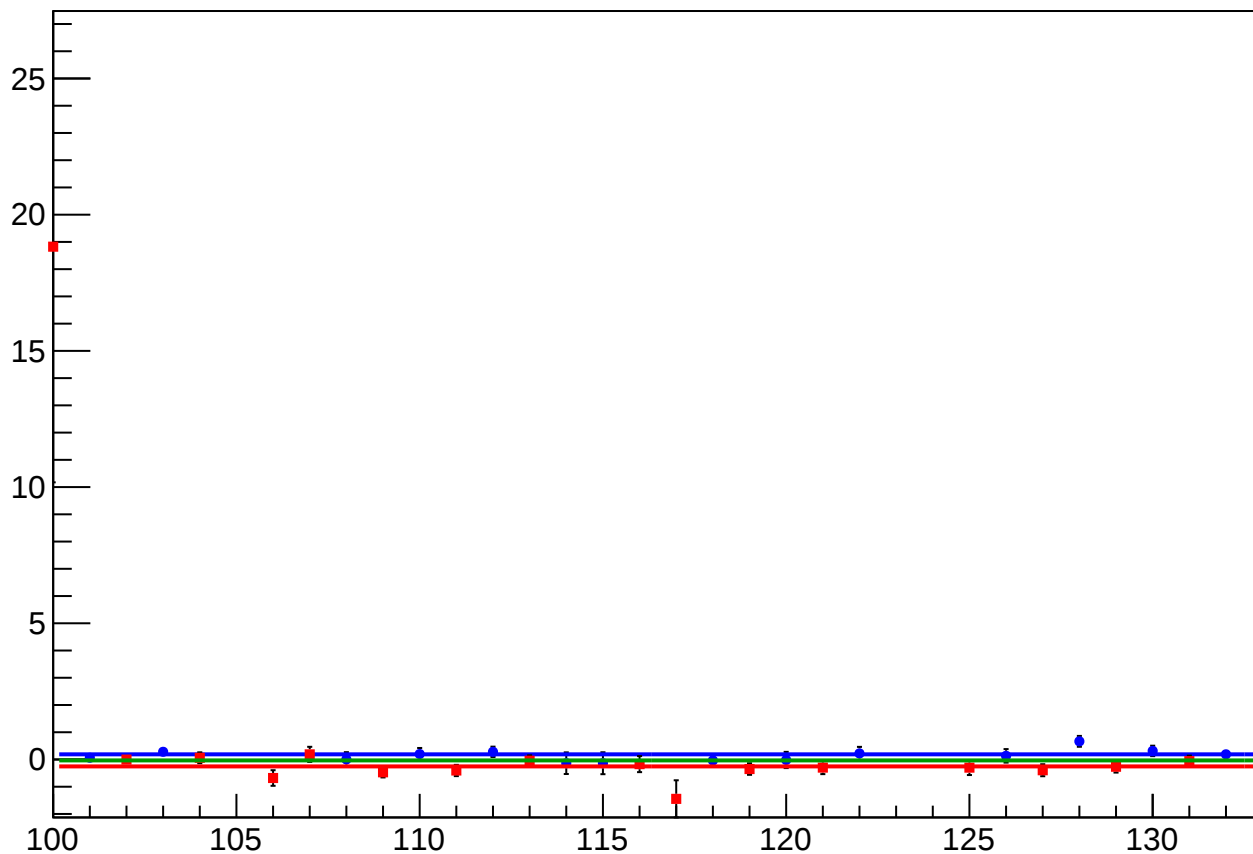
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.003 ± 0.030 χ^2/NDF : 9.4/13

0.024 ± 0.021 χ^2/NDF : 38.6/30

0.052 ± 0.030 χ^2/NDF : 27.5/16

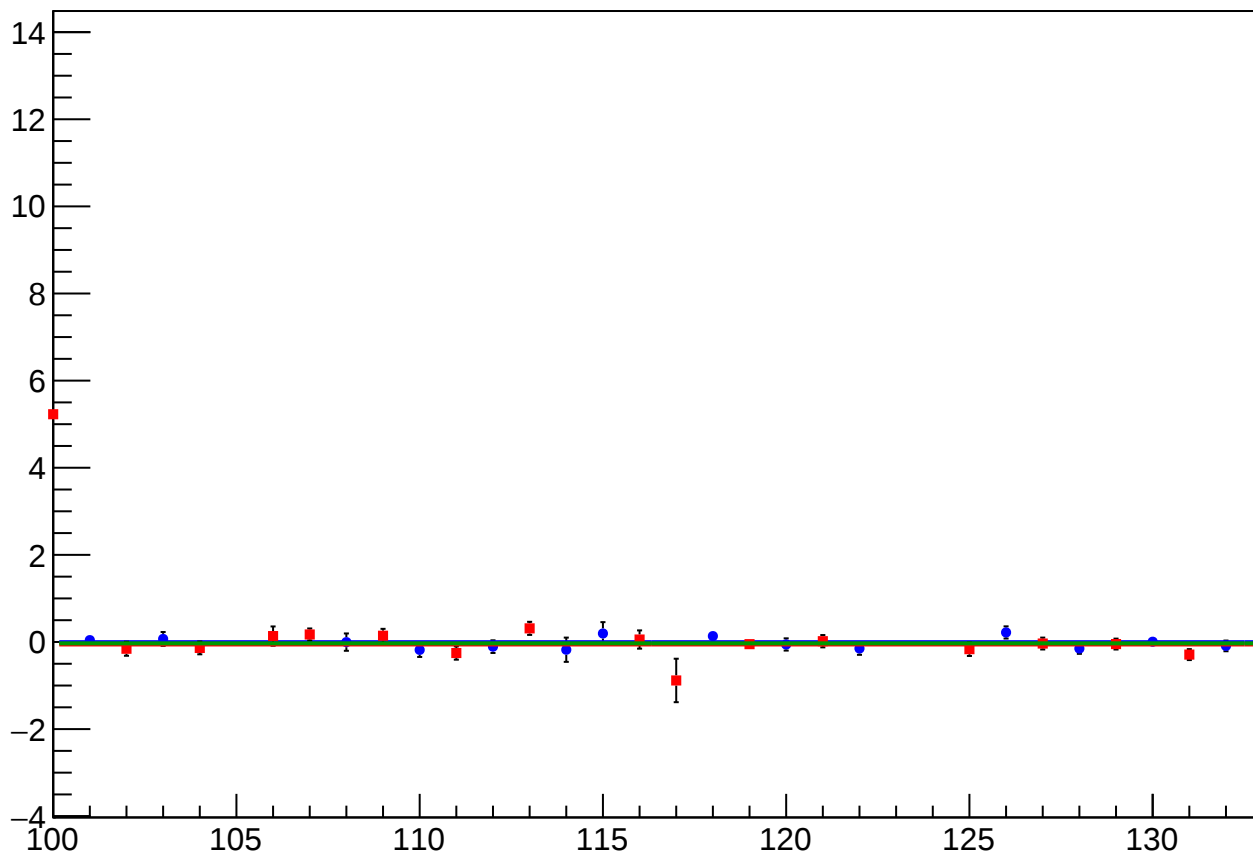
reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -0.254+/-0.056 χ^2/NDF : 24.4/16
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.189+/-0.057 χ^2/NDF : 11.0/13
-0.034+/-0.040 χ^2/NDF : 66.4/30
-0.254+/-0.056 χ^2/NDF : 24.4/16

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: -0.058 ± 0.035 χ^2/NDF : 22.3/16

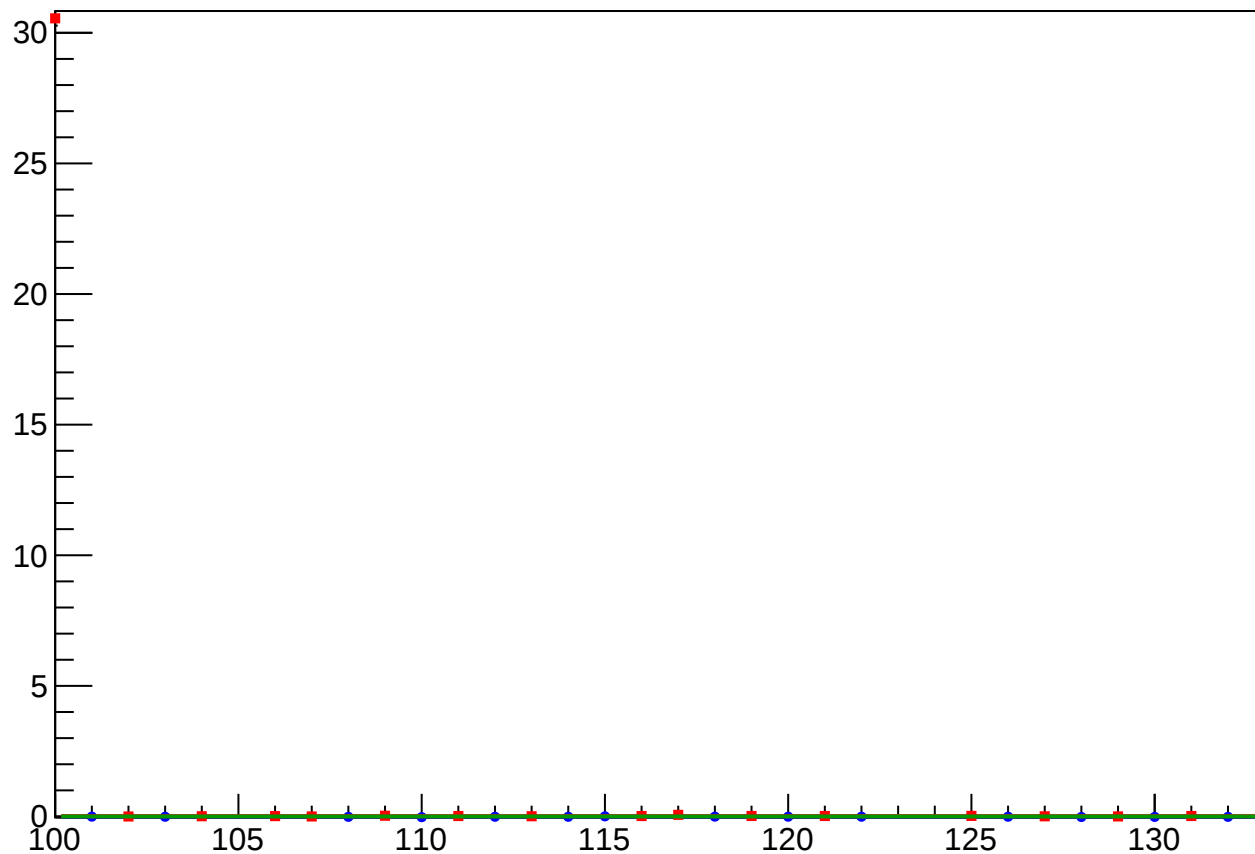
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.004 ± 0.036 χ^2/NDF : 10.8/13

-0.031 ± 0.025 χ^2/NDF : 34.2/30

-0.058 ± 0.035 χ^2/NDF : 22.3/16

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010 ± 0.002 χ^2/NDF : 6.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.002 χ^2/NDF : 11889.1/16

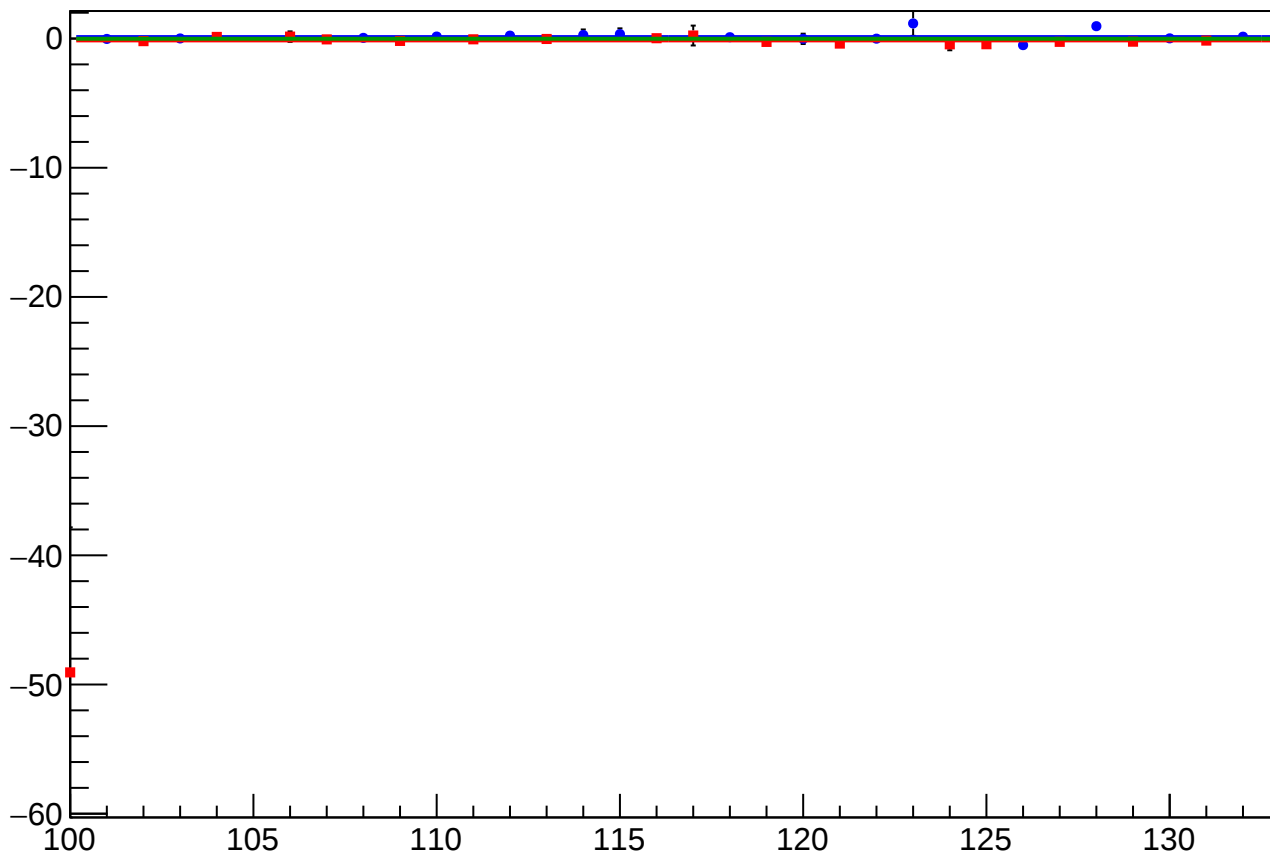
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.010 ± 0.002 χ^2/NDF : 6.3/13

0.002 ± 0.001 χ^2/NDF : 11960.7/30

0.012 ± 0.002 χ^2/NDF : 11889.1/16

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.114+/-0.066 χ^2/NDF : 20.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.141+/-0.066 χ^2/NDF : 24.6/17

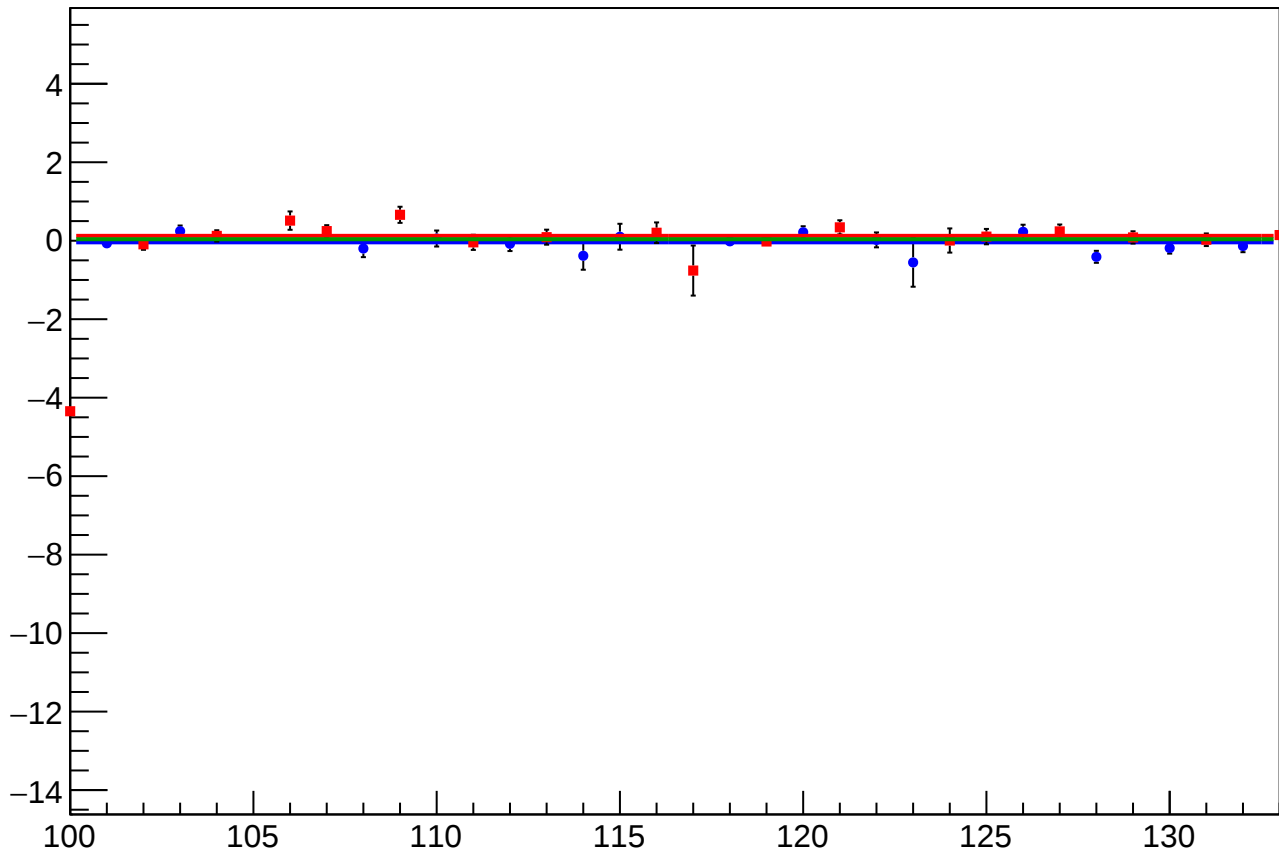
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.114+/-0.066 χ^2/NDF : 20.4/14

-0.013+/-0.047 χ^2/NDF : 52.4/32

-0.141+/-0.066 χ^2/NDF : 24.6/17

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: 0.124 ± 0.041 χ^2/NDF : 19.9/17

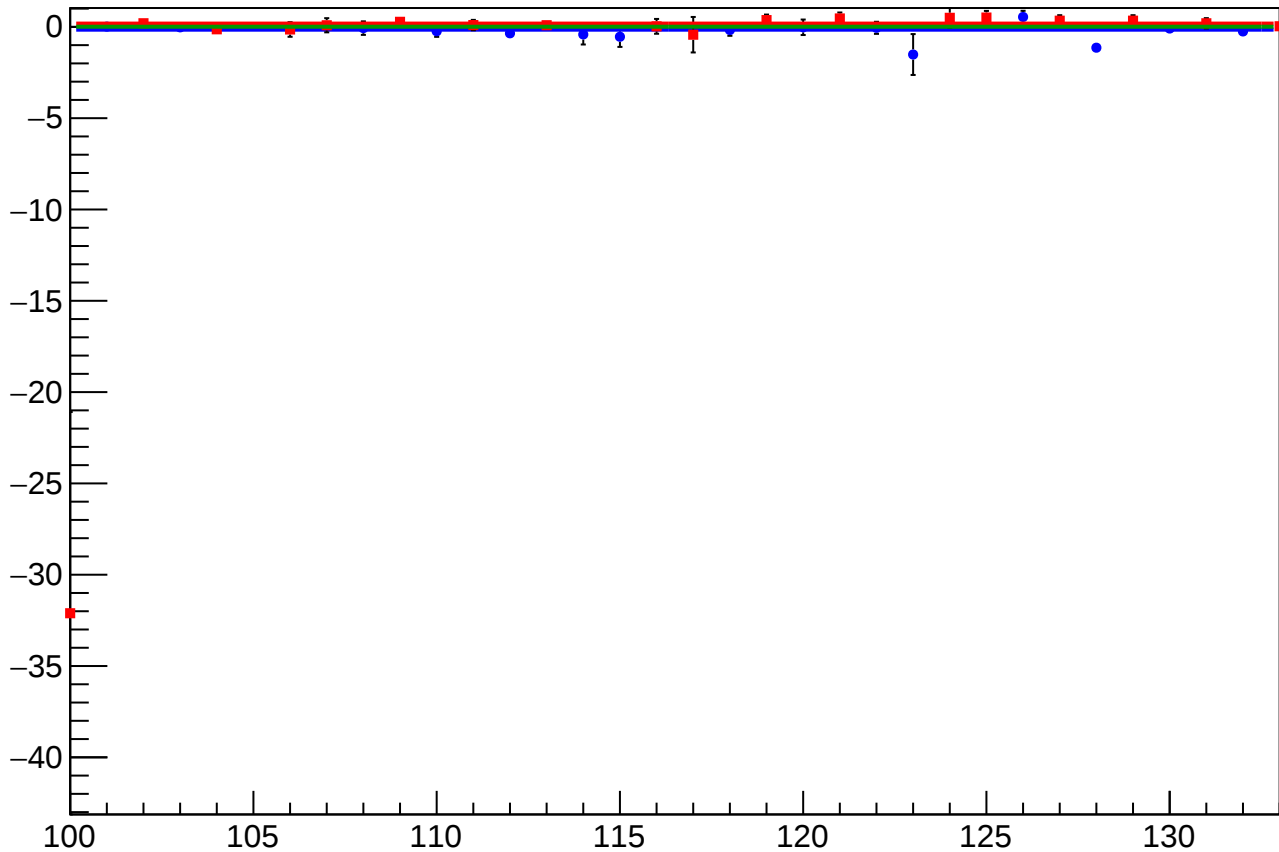
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.041 ± 0.039 χ^2/NDF : 19.0/14

0.038 ± 0.028 χ^2/NDF : 47.5/32

0.124 ± 0.041 χ^2/NDF : 19.9/17

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: 0.180 ± 0.074 $\chi^2/\text{NDF}: 15.0/17$

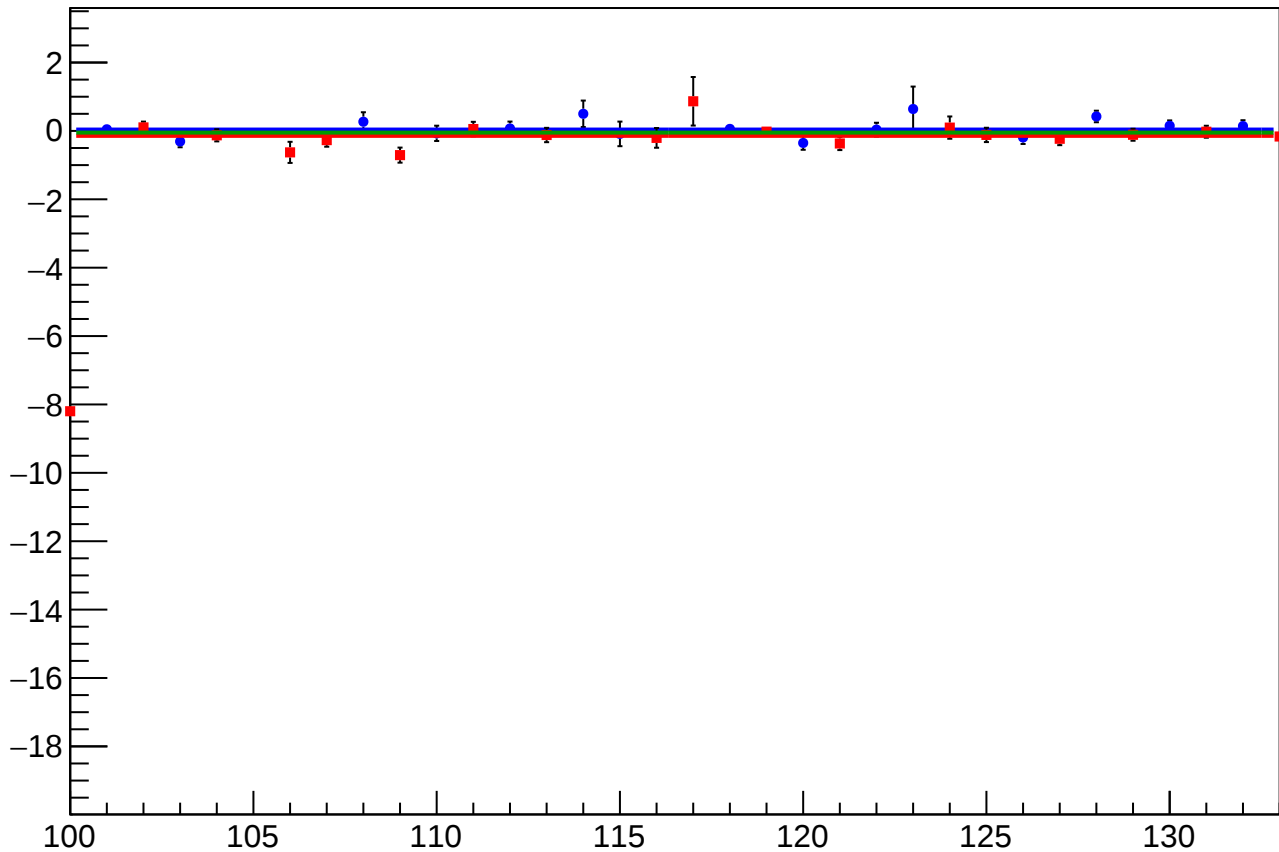
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.154 ± 0.072 $\chi^2/\text{NDF}: 22.2/14$

0.009 ± 0.051 $\chi^2/\text{NDF}: 47.7/32$

0.180 ± 0.074 $\chi^2/\text{NDF}: 15.0/17$

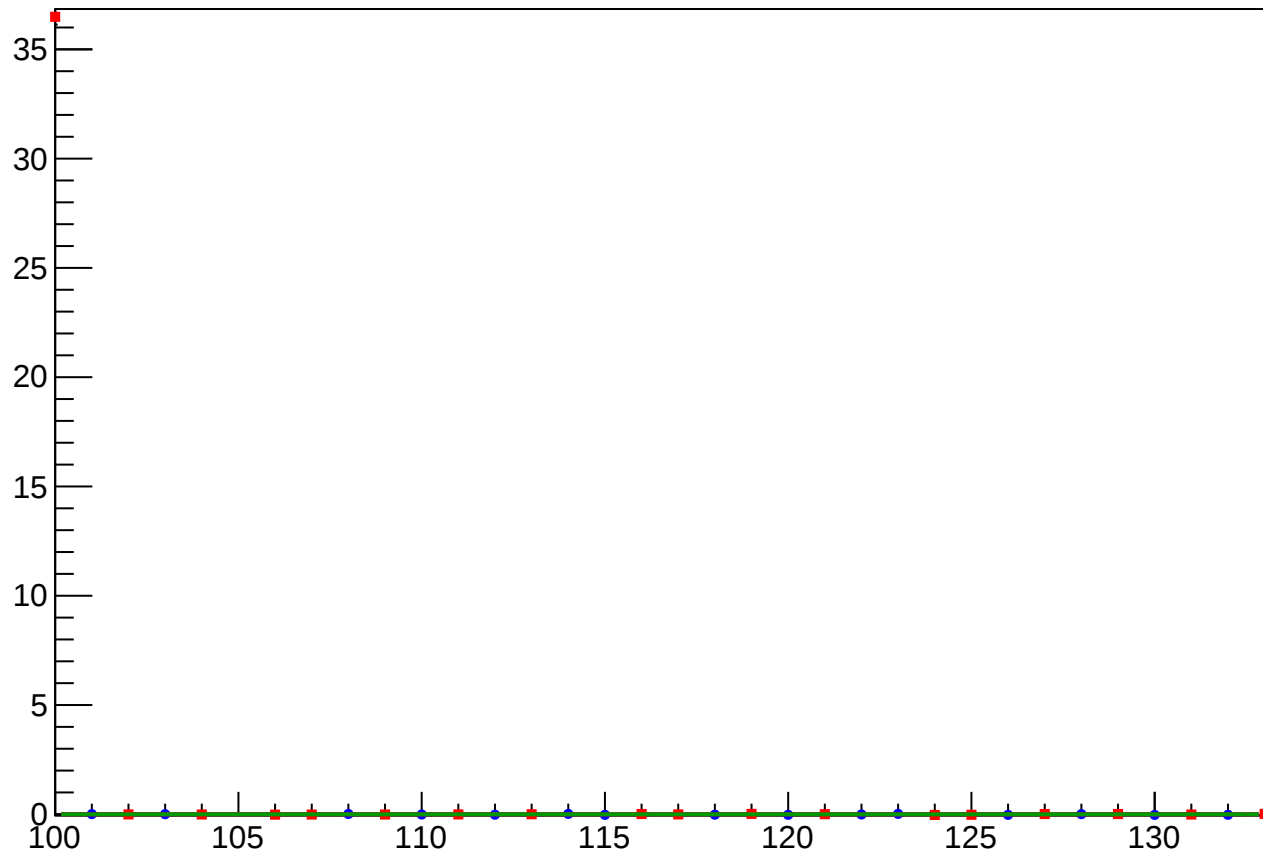
reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.040 ± 0.046 χ^2/NDF : 18.8/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.144 ± 0.047 χ^2/NDF : 18.4/17
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.040 ± 0.046 χ^2/NDF : 18.8/14
 -0.049 ± 0.033 χ^2/NDF : 45.1/32
 -0.144 ± 0.047 χ^2/NDF : 18.4/17

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: -0.002+/-0.002 χ^2/NDF : 10447.5/17

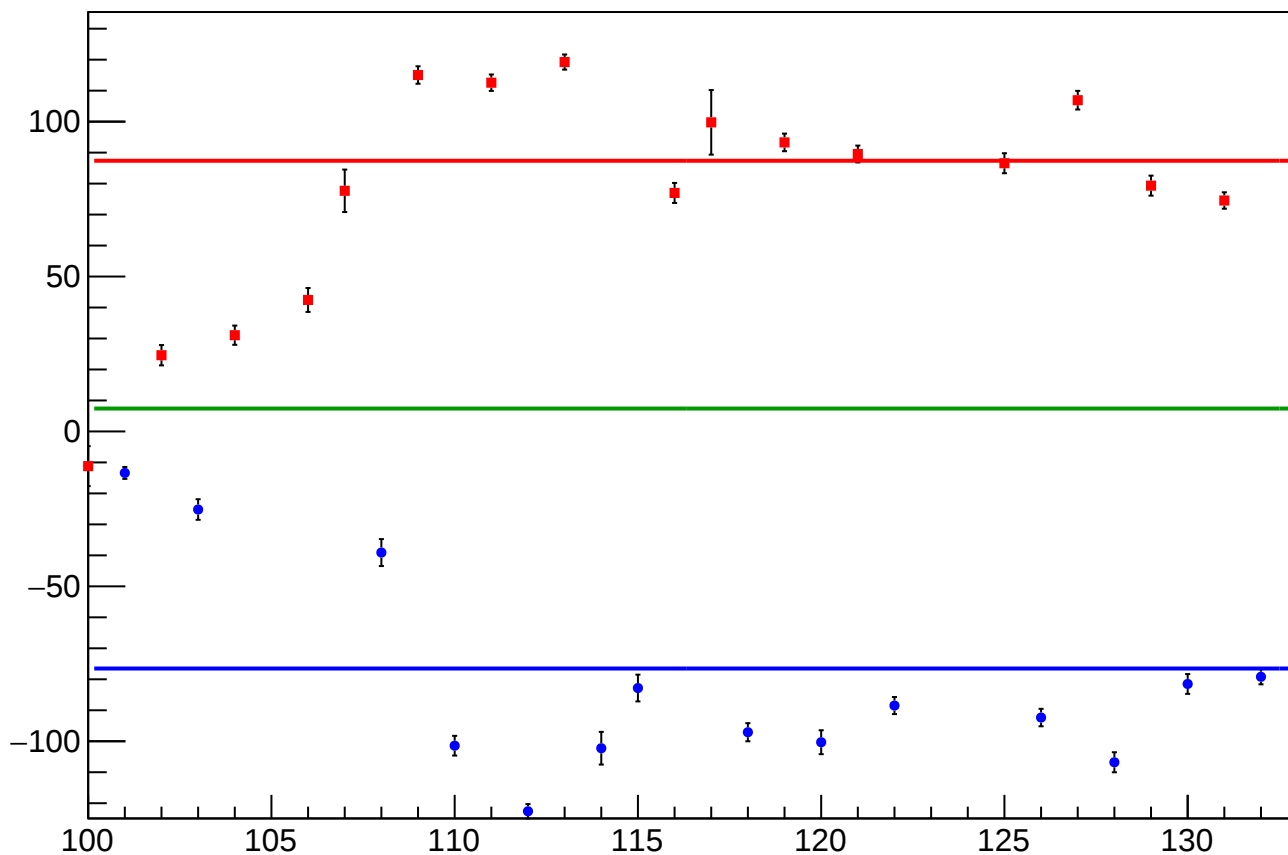
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.000+/-0.002 χ^2/NDF : 27.6/14

-0.001+/-0.002 χ^2/NDF : 10475.4/32

-0.002+/-0.002 χ^2/NDF : 10447.5/17

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: 87.375 $\pm$ 0.774 χ^2 /NDF: 1748.7/16

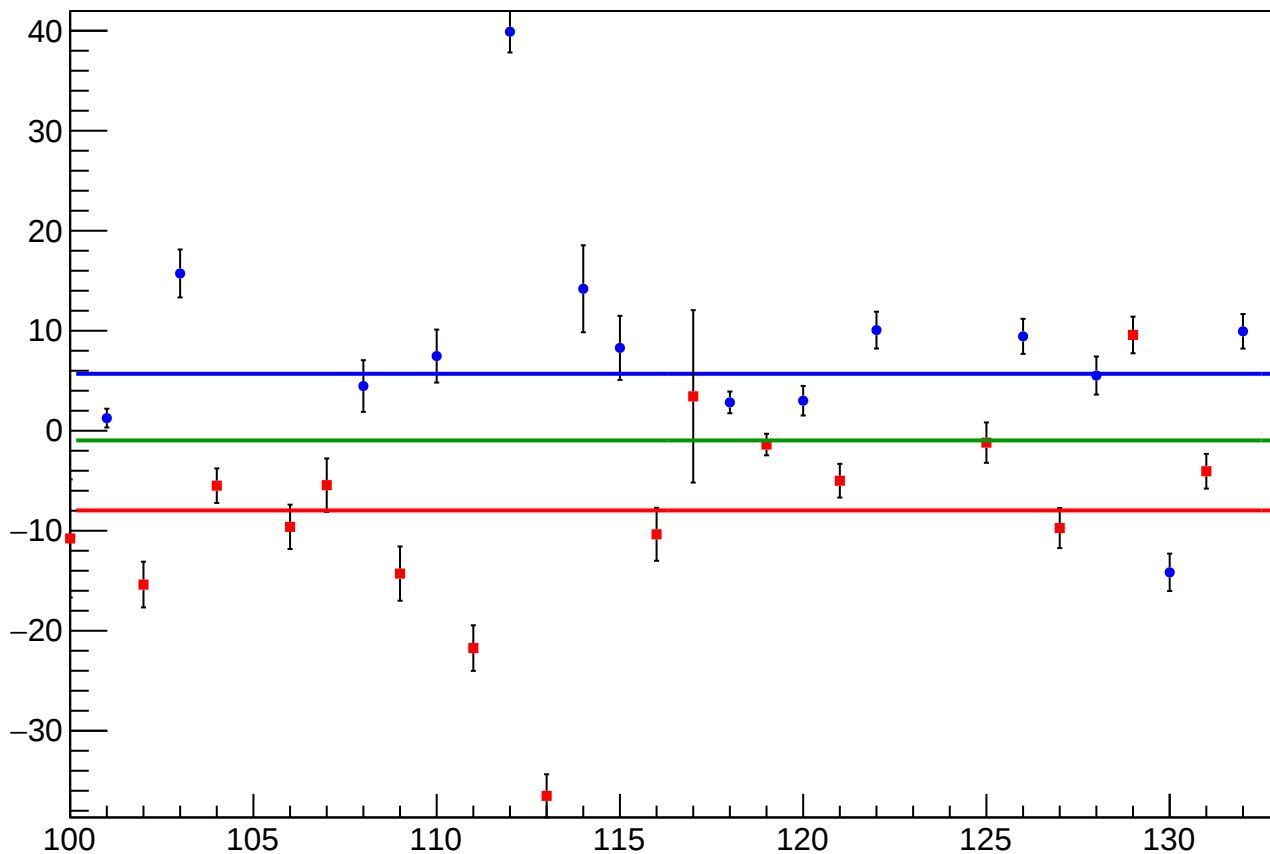
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-76.524 $\pm$ 0.793 χ^2 /NDF: 2102.5/13

7.392 $\pm$ 0.554 χ^2 /NDF: 25746.2/30

87.375 $\pm$ 0.774 χ^2 /NDF: 1748.7/16

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: -7.970 ± 0.468 χ^2/NDF : 407.9/16

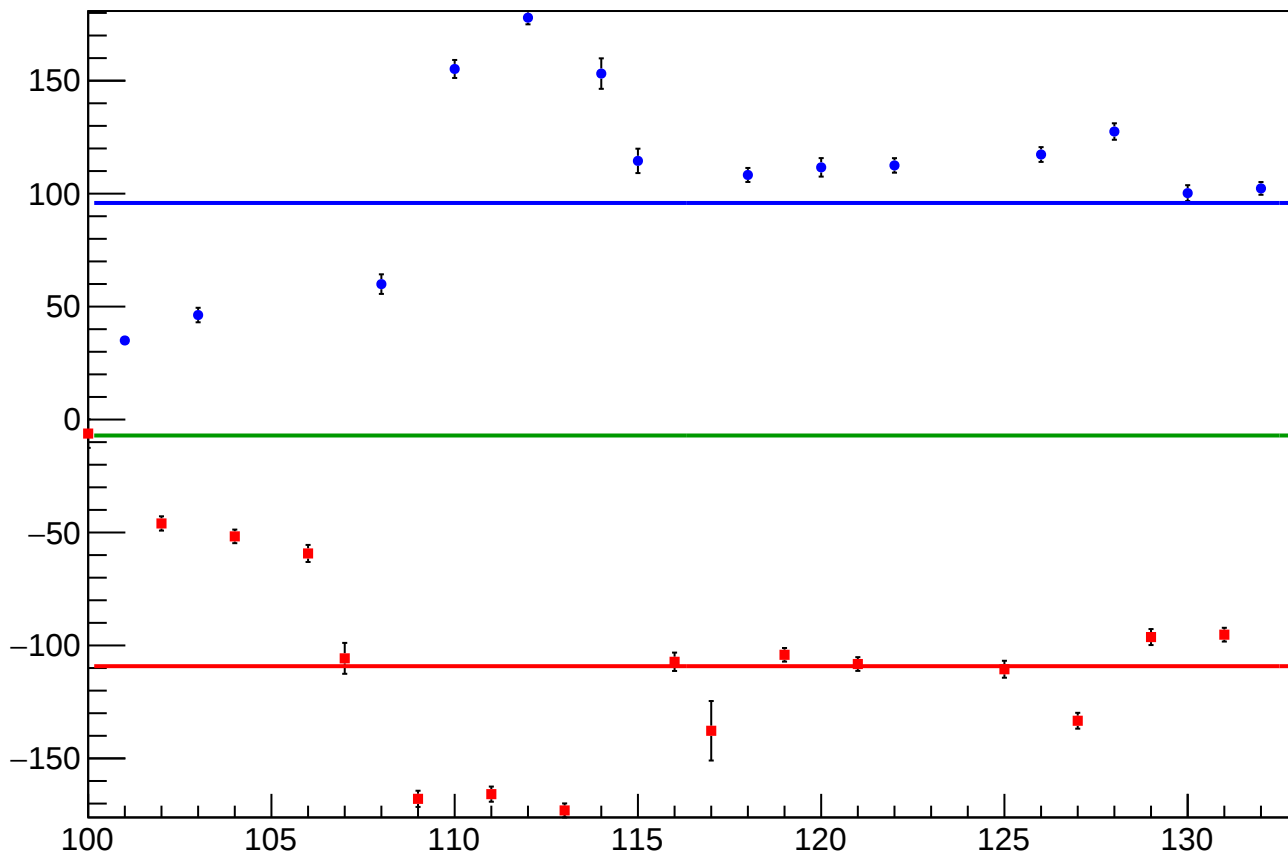
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.695 ± 0.456 χ^2/NDF : 456.4/13

-0.969 ± 0.327 χ^2/NDF : 1301.8/30

-7.970 ± 0.468 χ^2/NDF : 407.9/16

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: -109.177+/-0.870 χ^2/NDF : 2404.7/16

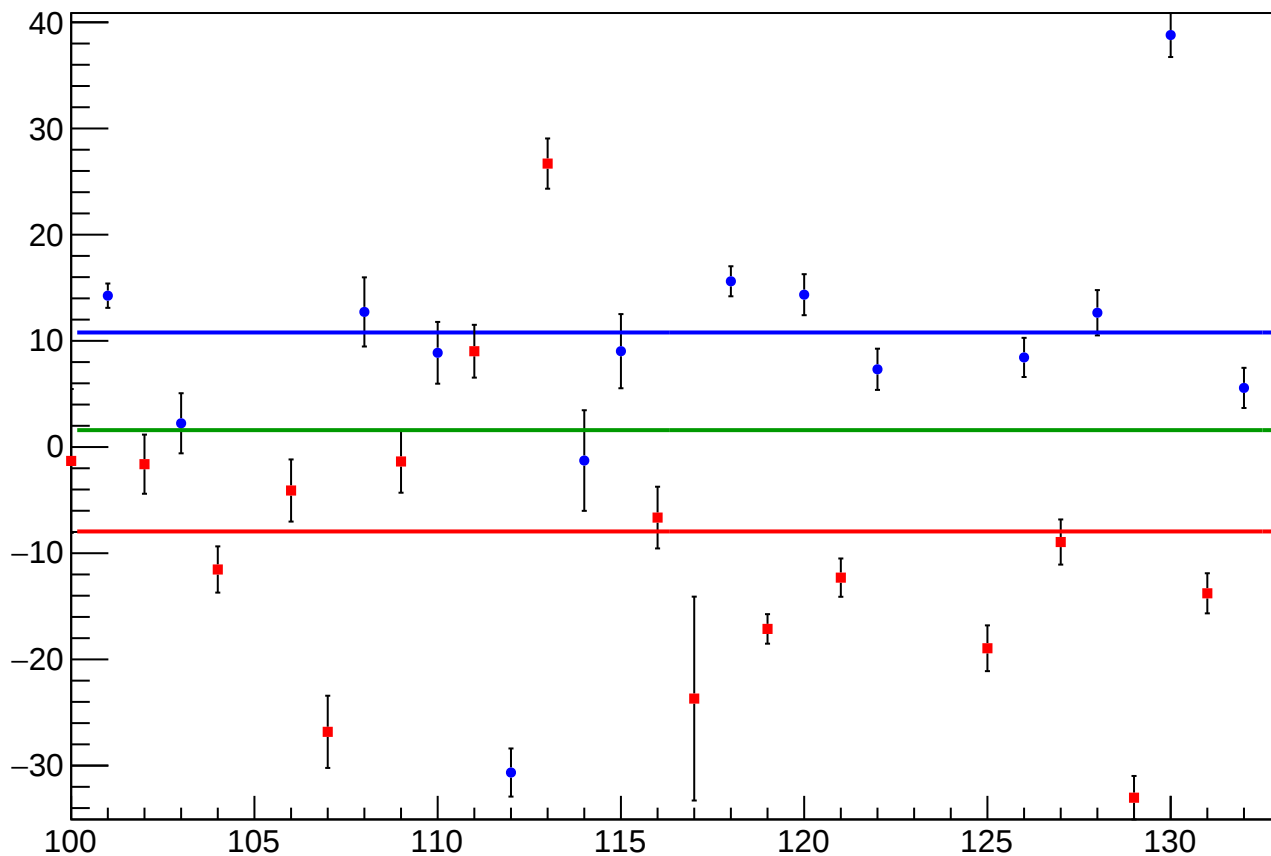
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.878+/-0.873 χ^2/NDF : 2648.4/13

-7.061+/-0.616 χ^2/NDF : 32729.5/30

-109.177+/-0.870 χ^2/NDF : 2404.7/16

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.789 ± 0.536 χ^2/NDF : 571.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.949 ± 0.546 χ^2/NDF : 681.0/16

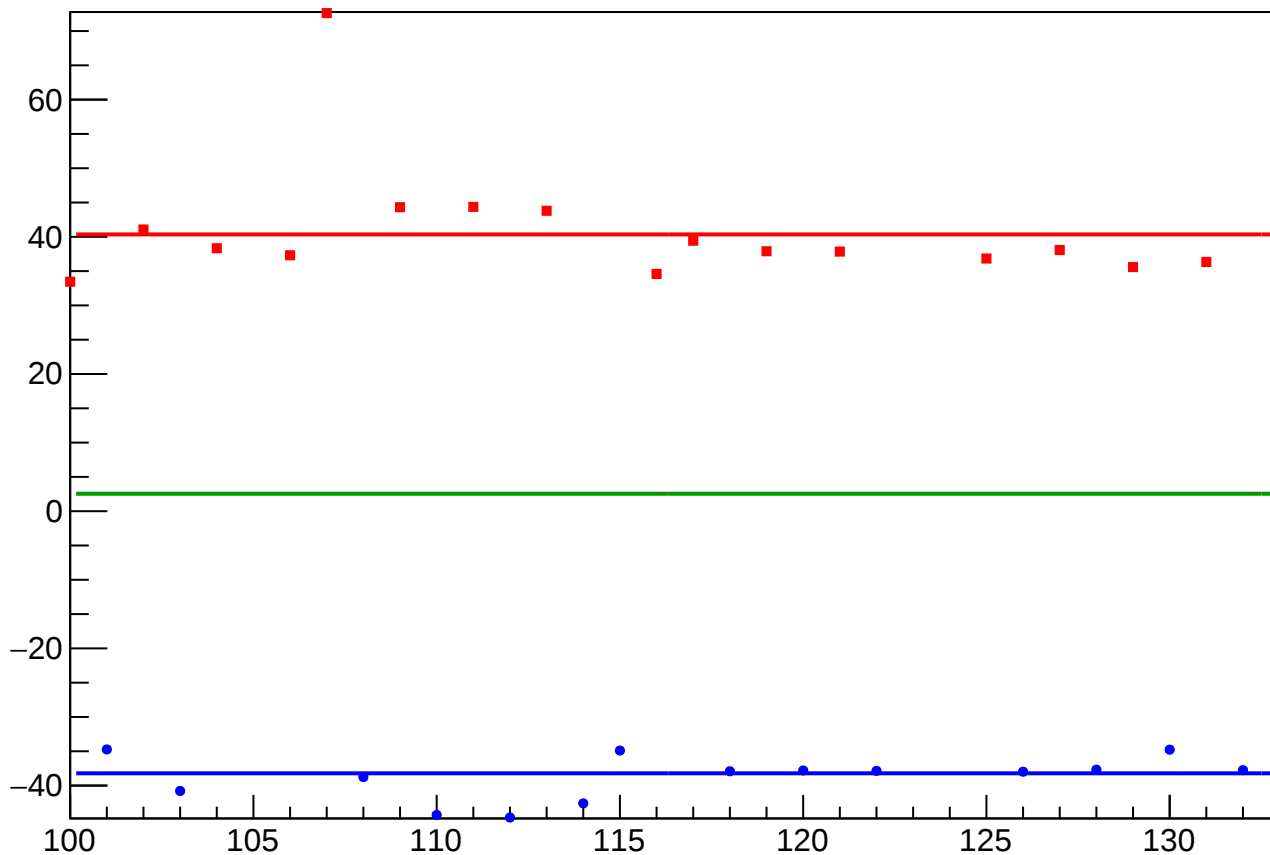
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.789 ± 0.536 χ^2/NDF : 571.1/13

1.592 ± 0.383 χ^2/NDF : 1851.7/30

-7.949 ± 0.546 χ^2/NDF : 681.0/16

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.213 $\pm$ 0.032 χ^2 /NDF: 8171.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.352 $\pm$ 0.031 χ^2 /NDF: 51115.6/16

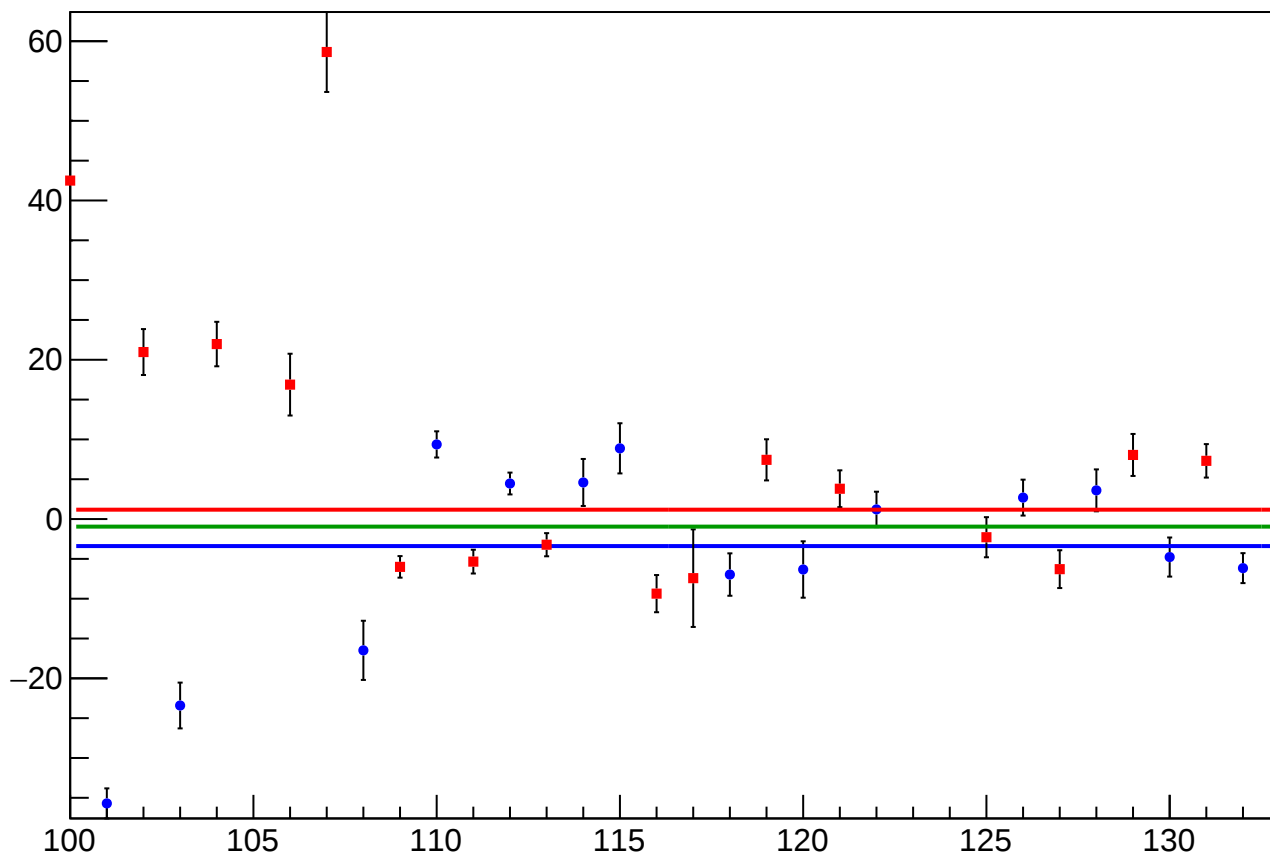
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.213 $\pm$ 0.032 χ^2 /NDF: 8171.2/13

2.547 $\pm$ 0.022 χ^2 /NDF: 3146620.8/30

40.352 $\pm$ 0.031 χ^2 /NDF: 51115.6/16

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: 1.177+/-0.557 χ^2/NDF : 393.1/16

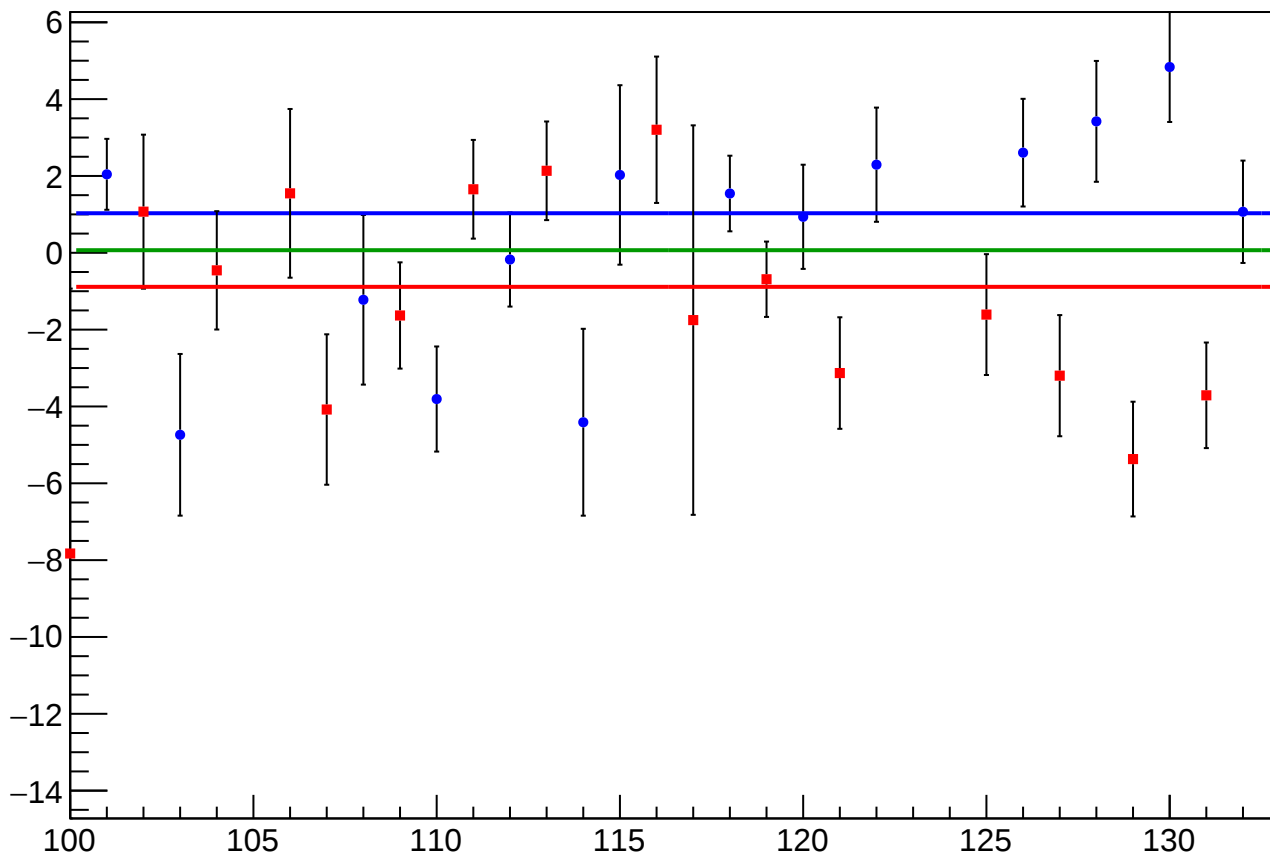
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.393+/-0.597 χ^2/NDF : 492.8/13

-0.950+/-0.407 χ^2/NDF : 917.1/30

1.177+/-0.557 χ^2/NDF : 393.1/16

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: -0.886 $\pm$ 0.372 χ^2 /NDF: 40.8/16

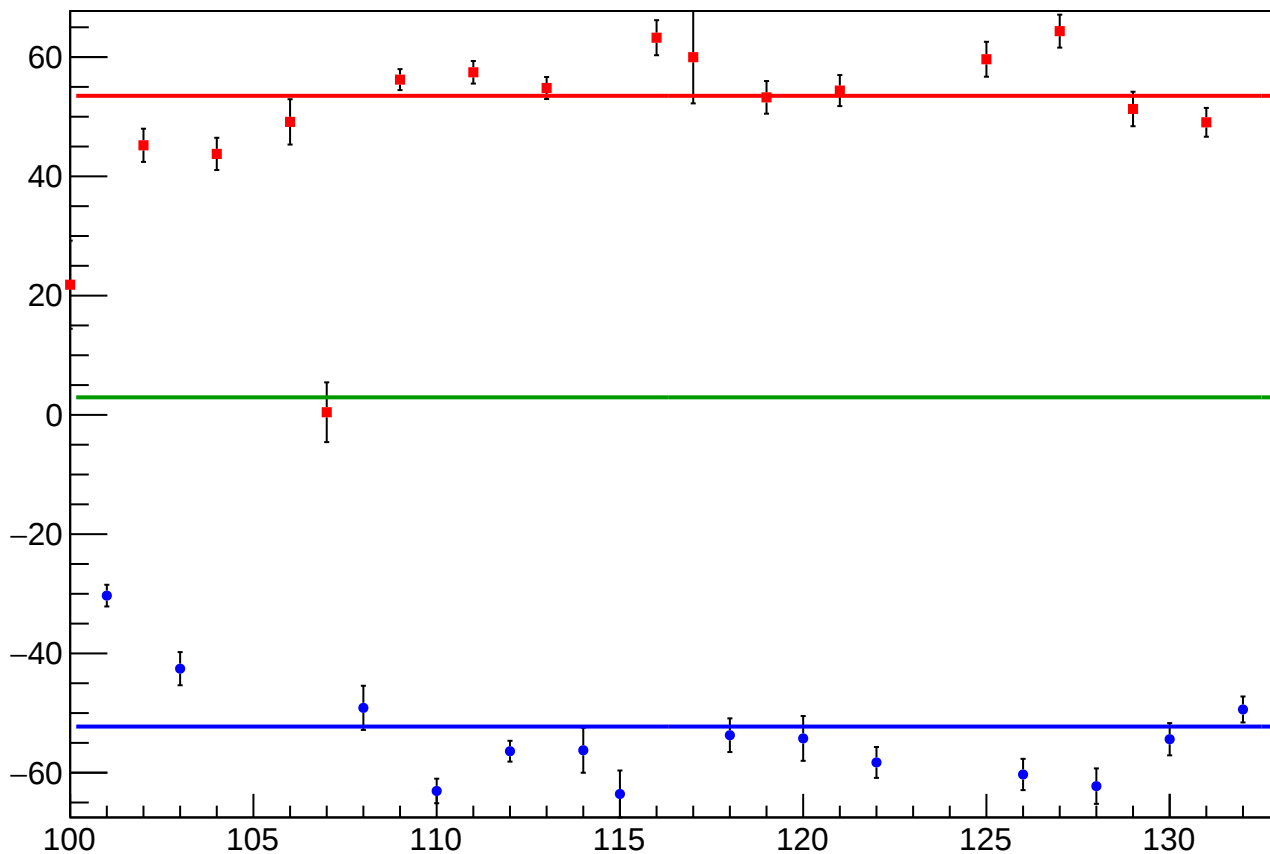
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.030 $\pm$ 0.374 χ^2 /NDF: 40.1/13

0.067 $\pm$ 0.264 χ^2 /NDF: 94.0/30

-0.886 $\pm$ 0.372 χ^2 /NDF: 40.8/16

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.263+/-0.681 χ^2/NDF : 230.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.507+/-0.652 χ^2/NDF : 199.7/16

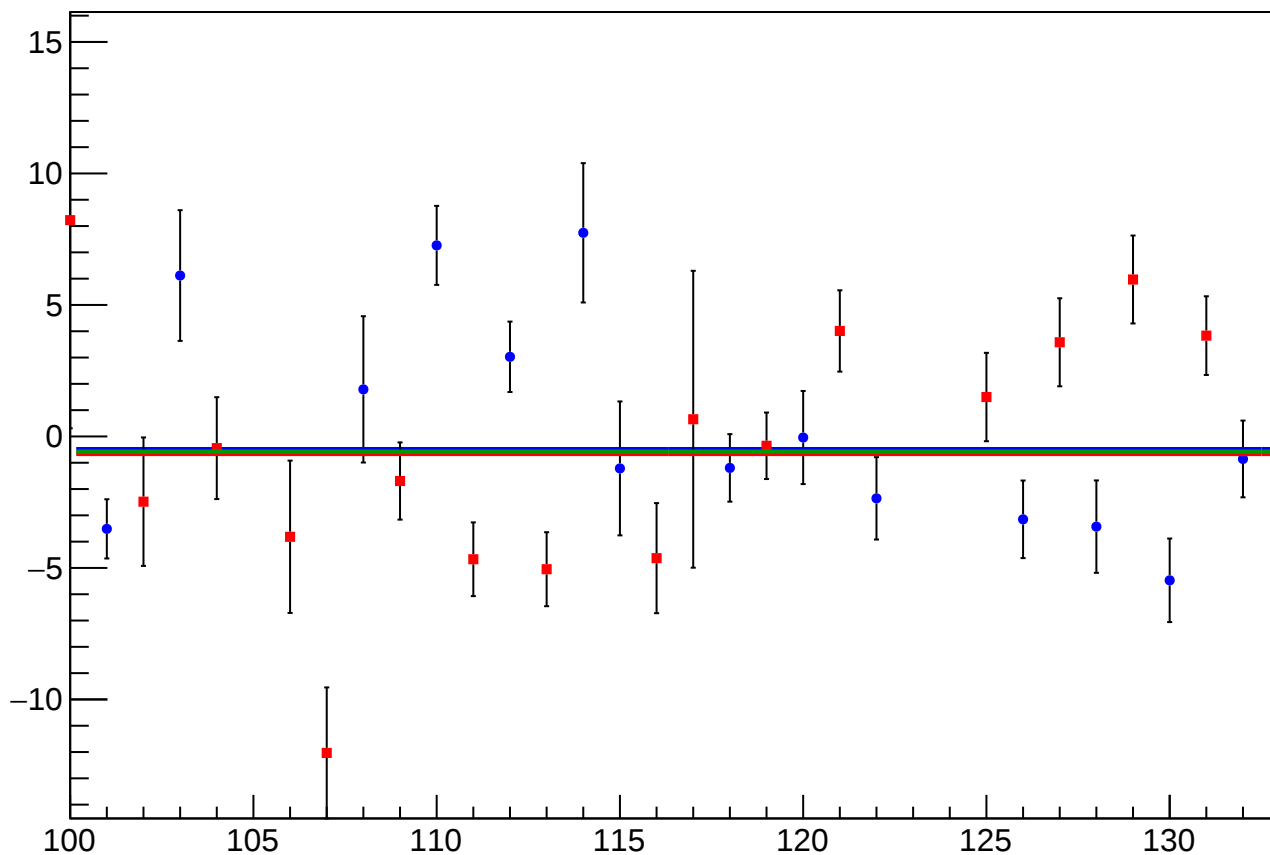
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-52.263+/-0.681 χ^2/NDF : 230.0/13

2.944+/-0.471 χ^2/NDF : 13013.5/30

53.507+/-0.652 χ^2/NDF : 199.7/16

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: -0.671+/-0.427 χ^2 /NDF: 89.8/16

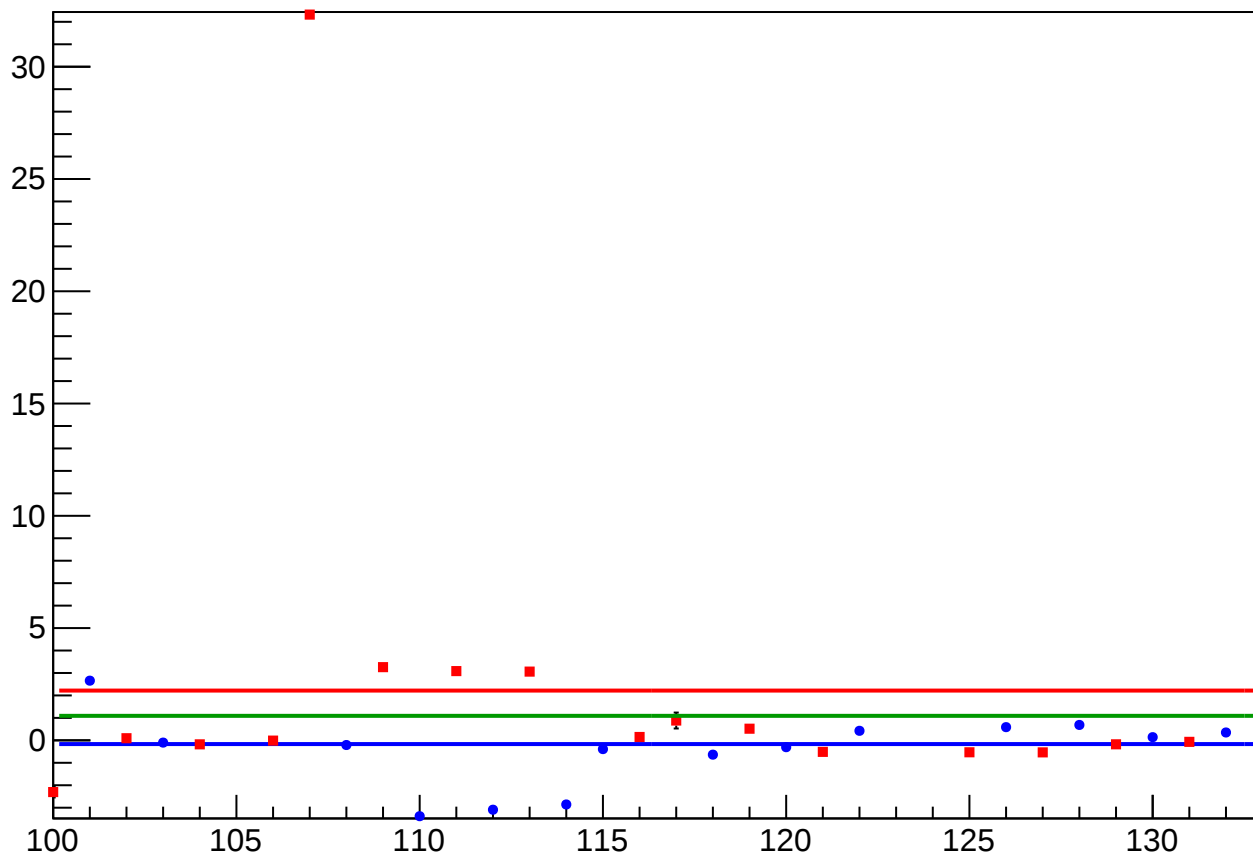
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.476+/-0.432 χ^2 /NDF: 76.0/13

-0.575+/-0.303 χ^2 /NDF: 165.9/30

-0.671+/-0.427 χ^2 /NDF: 89.8/16

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.166 ± 0.026 $\chi^2/\text{NDF}: 4595.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.217 ± 0.025 $\chi^2/\text{NDF}: 75453.2/16$

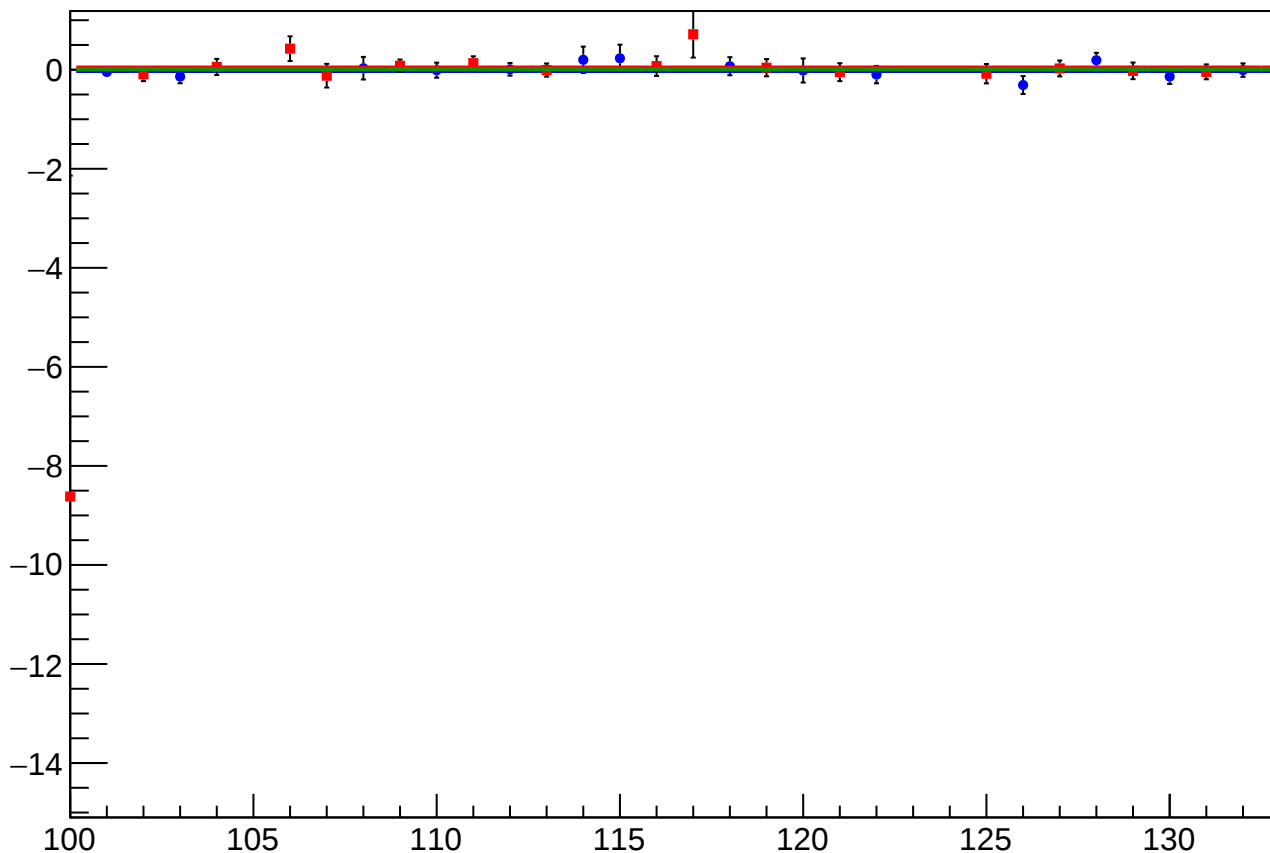
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.166 ± 0.026 $\chi^2/\text{NDF}: 4595.7/13$

1.092 ± 0.018 $\chi^2/\text{NDF}: 84393.6/30$

2.217 ± 0.025 $\chi^2/\text{NDF}: 75453.2/16$

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: 0.045 ± 0.042 χ^2/NDF : 11.6/16

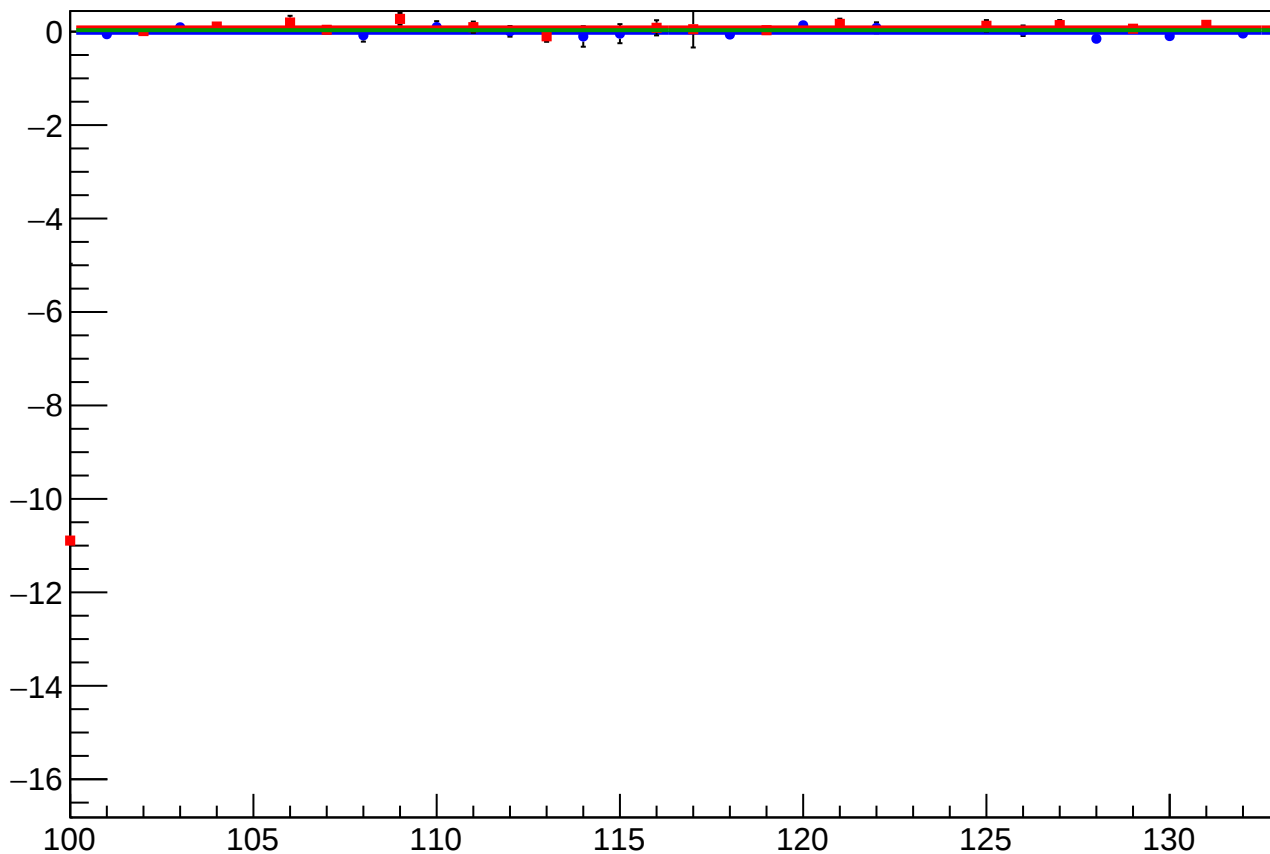
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.026 ± 0.042 χ^2/NDF : 8.1/13

0.010 ± 0.030 χ^2/NDF : 21.2/30

0.045 ± 0.042 χ^2/NDF : 11.6/16

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.025 χ^2 /NDF: 9.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.090 $\pm$ 0.026 χ^2 /NDF: 11.9/16

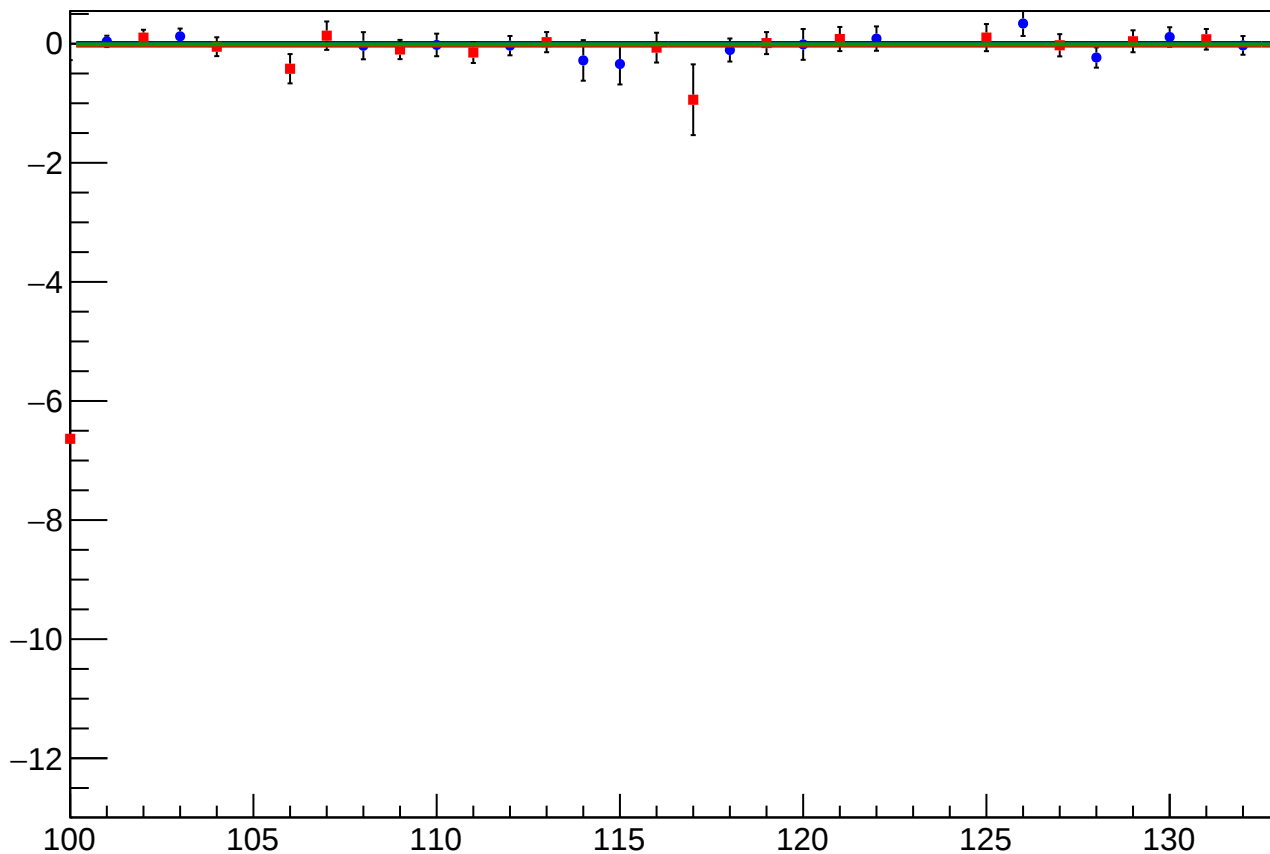
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.024 $\pm$ 0.025 χ^2 /NDF: 9.9/13

0.031 $\pm$ 0.018 χ^2 /NDF: 32.1/30

0.090 $\pm$ 0.026 χ^2 /NDF: 11.9/16

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: -0.032 $\pm$ 0.047 χ^2 /NDF: 11.5/16

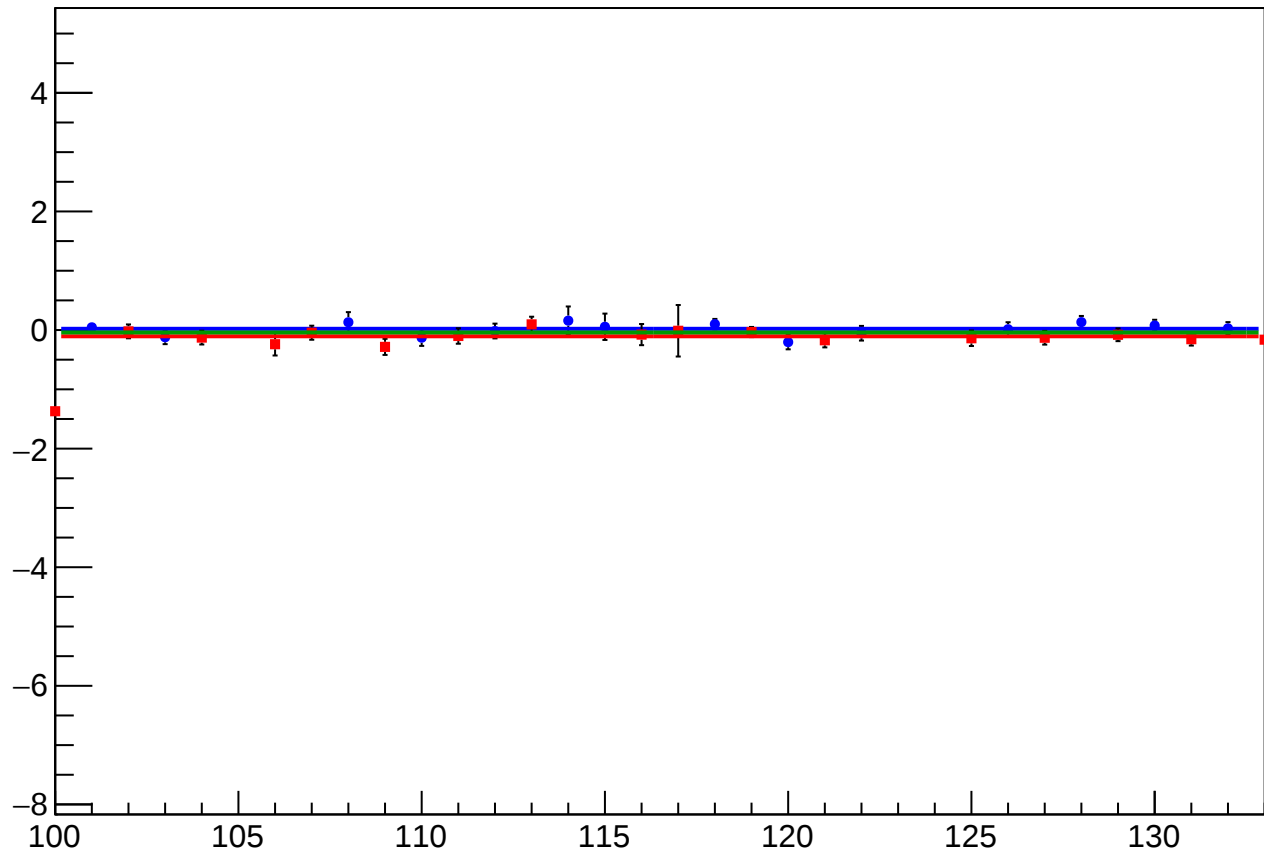
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.046 χ^2 /NDF: 8.2/13

-0.010 $\pm$ 0.033 χ^2 /NDF: 20.2/30

-0.032 $\pm$ 0.047 χ^2 /NDF: 11.5/16

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: -0.105+/-0.030 χ^2/NDF : 7.4/16

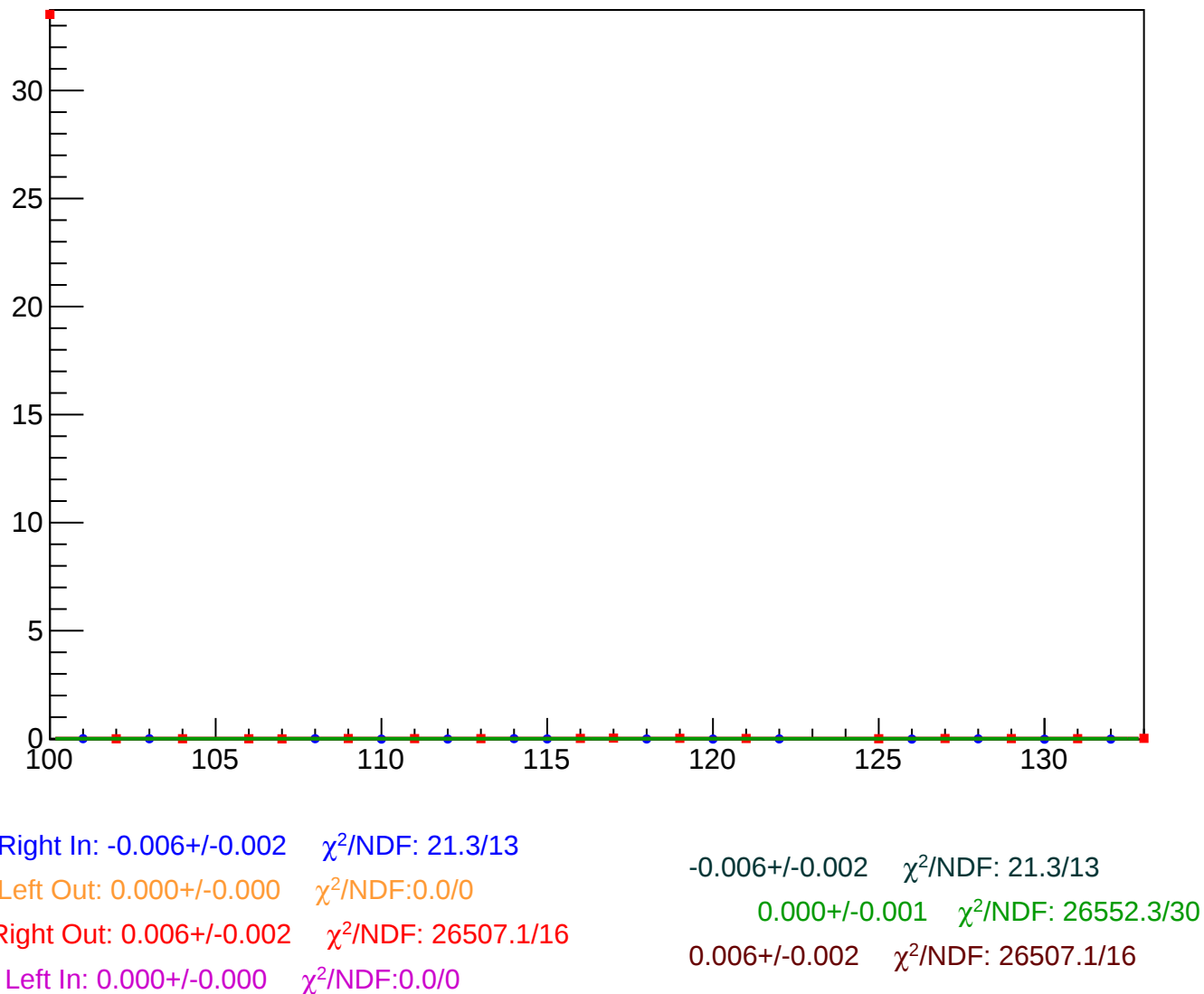
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.029 χ^2/NDF : 9.8/13

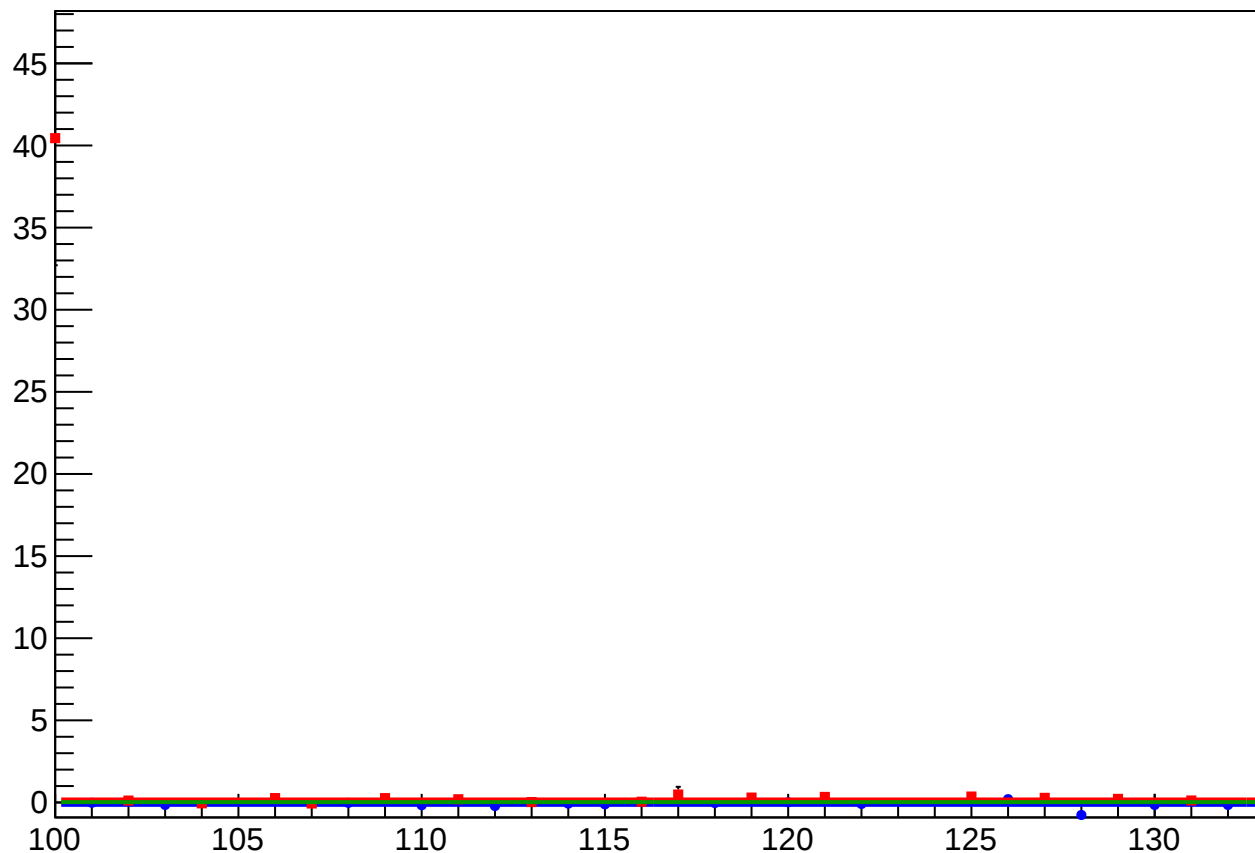
-0.041+/-0.021 χ^2/NDF : 26.3/30

-0.105+/-0.030 χ^2/NDF : 7.4/16

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.182 ± 0.042 $\chi^2/\text{NDF}: 36.2/16$

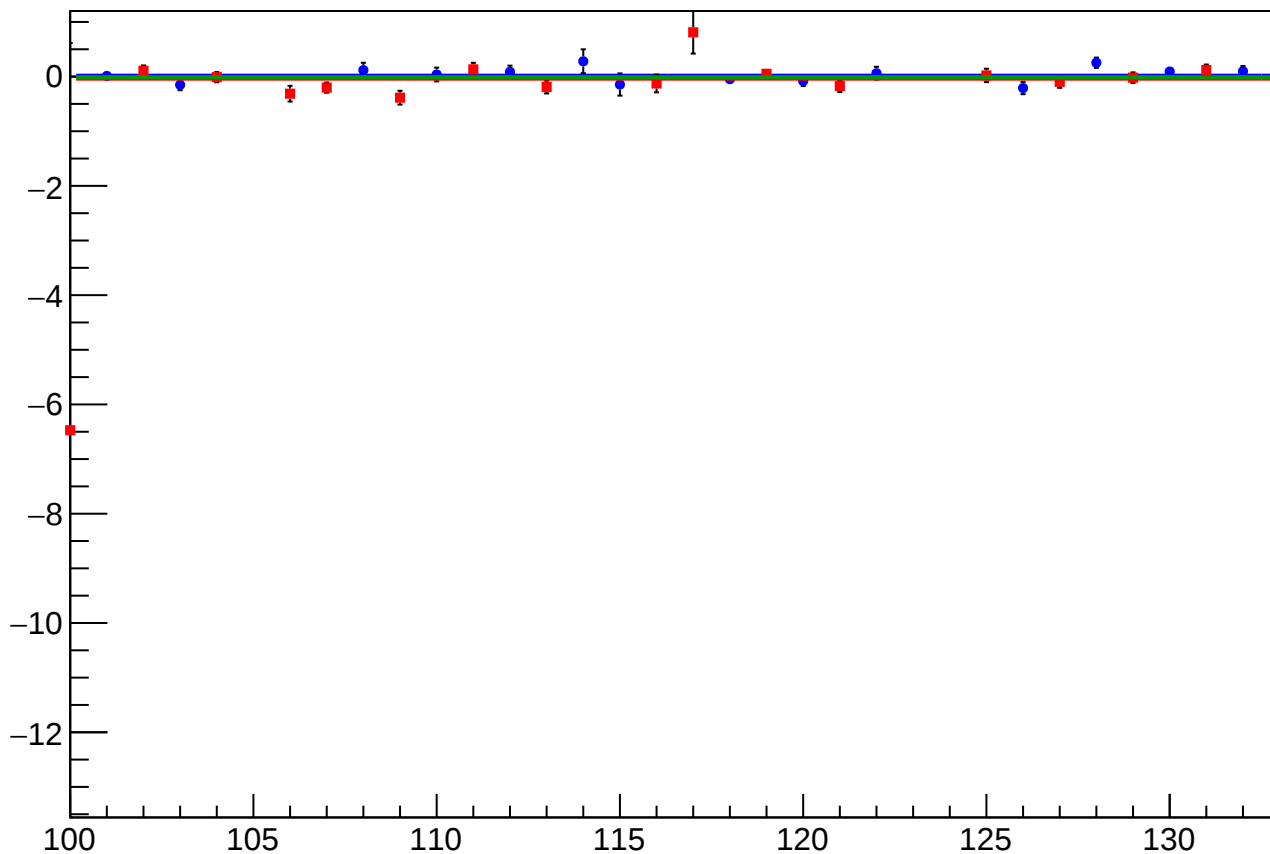
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.144 ± 0.042 $\chi^2/\text{NDF}: 23.9/13$

0.021 ± 0.030 $\chi^2/\text{NDF}: 90.2/30$

0.182 ± 0.042 $\chi^2/\text{NDF}: 36.2/16$

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: -0.038+/-0.026 χ^2/NDF : 32.9/16

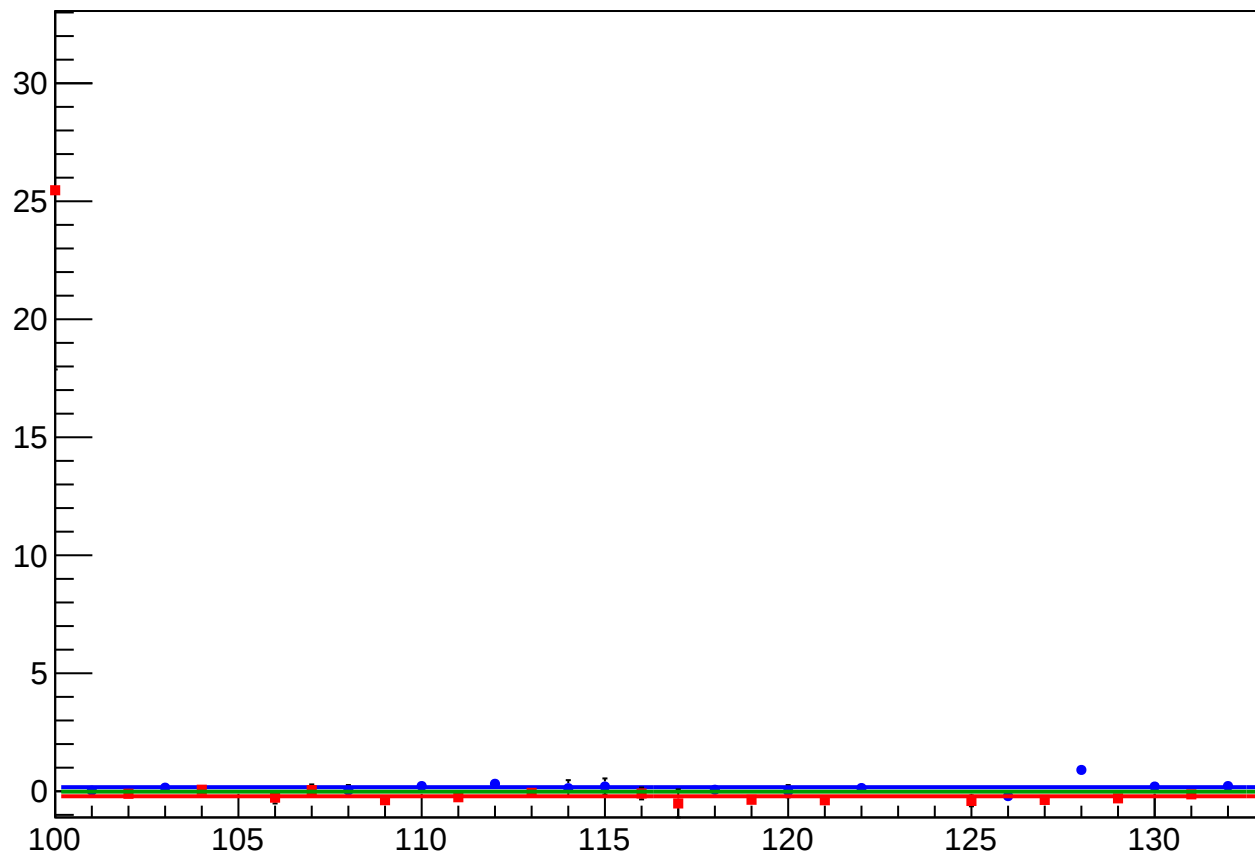
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.025 χ^2/NDF : 20.0/13

-0.010+/-0.018 χ^2/NDF : 55.2/30

-0.038+/-0.026 χ^2/NDF : 32.9/16

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: -0.212 $\pm$ 0.047 χ^2 /NDF: 22.3/16

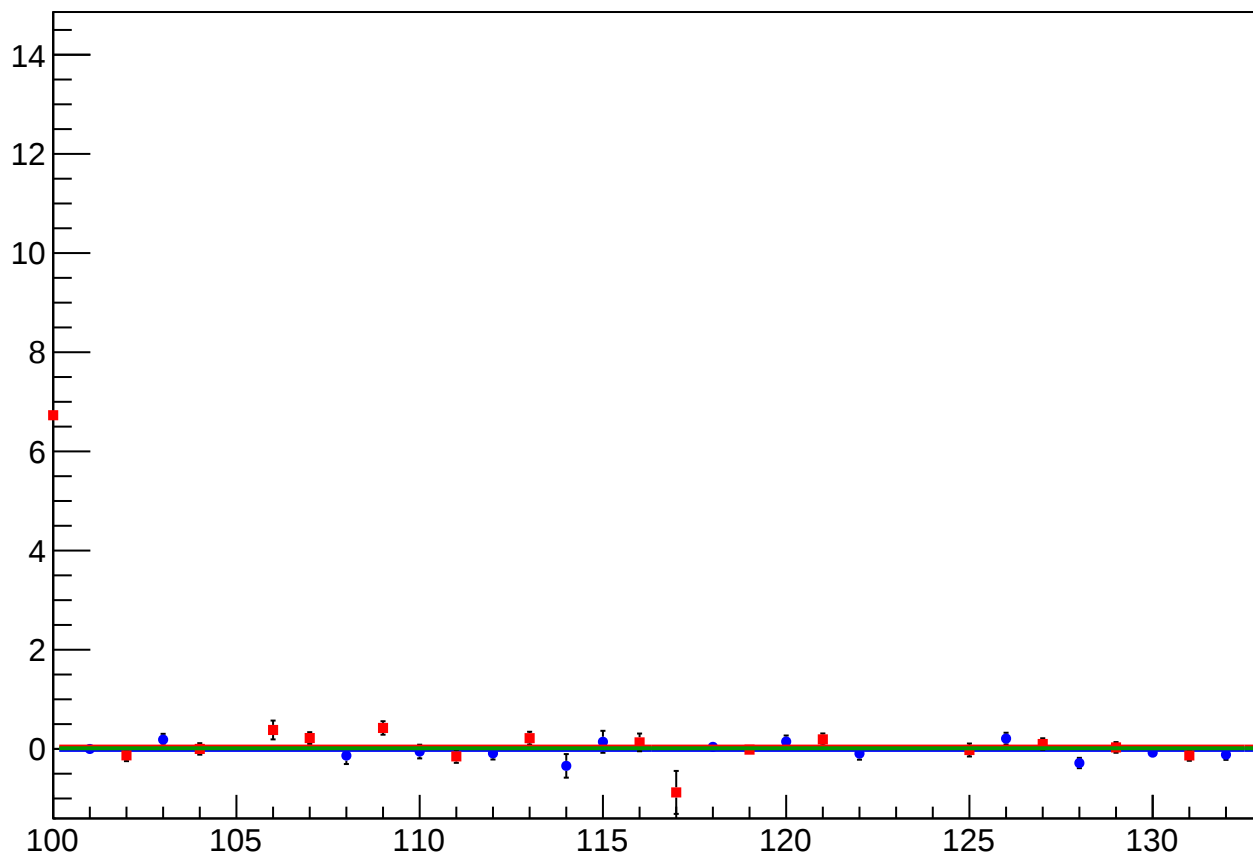
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.174 $\pm$ 0.046 χ^2 /NDF: 26.2/13

-0.016 $\pm$ 0.033 χ^2 /NDF: 83.0/30

-0.212 $\pm$ 0.047 χ^2 /NDF: 22.3/16

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: 0.047 ± 0.030 χ^2/NDF : 30.4/16

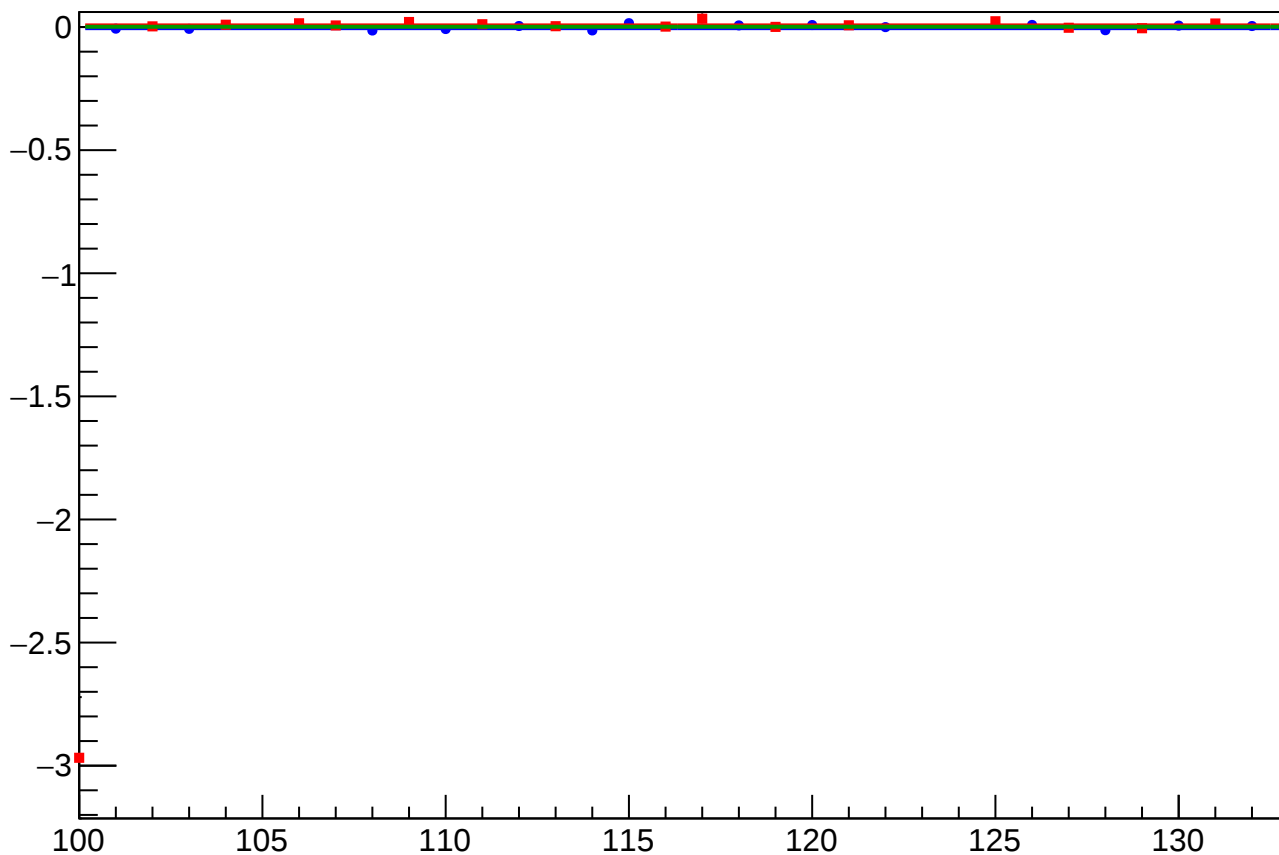
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.020 ± 0.029 χ^2/NDF : 20.6/13

0.012 ± 0.021 χ^2/NDF : 53.5/30

0.047 ± 0.030 χ^2/NDF : 30.4/16

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: 164.1/16

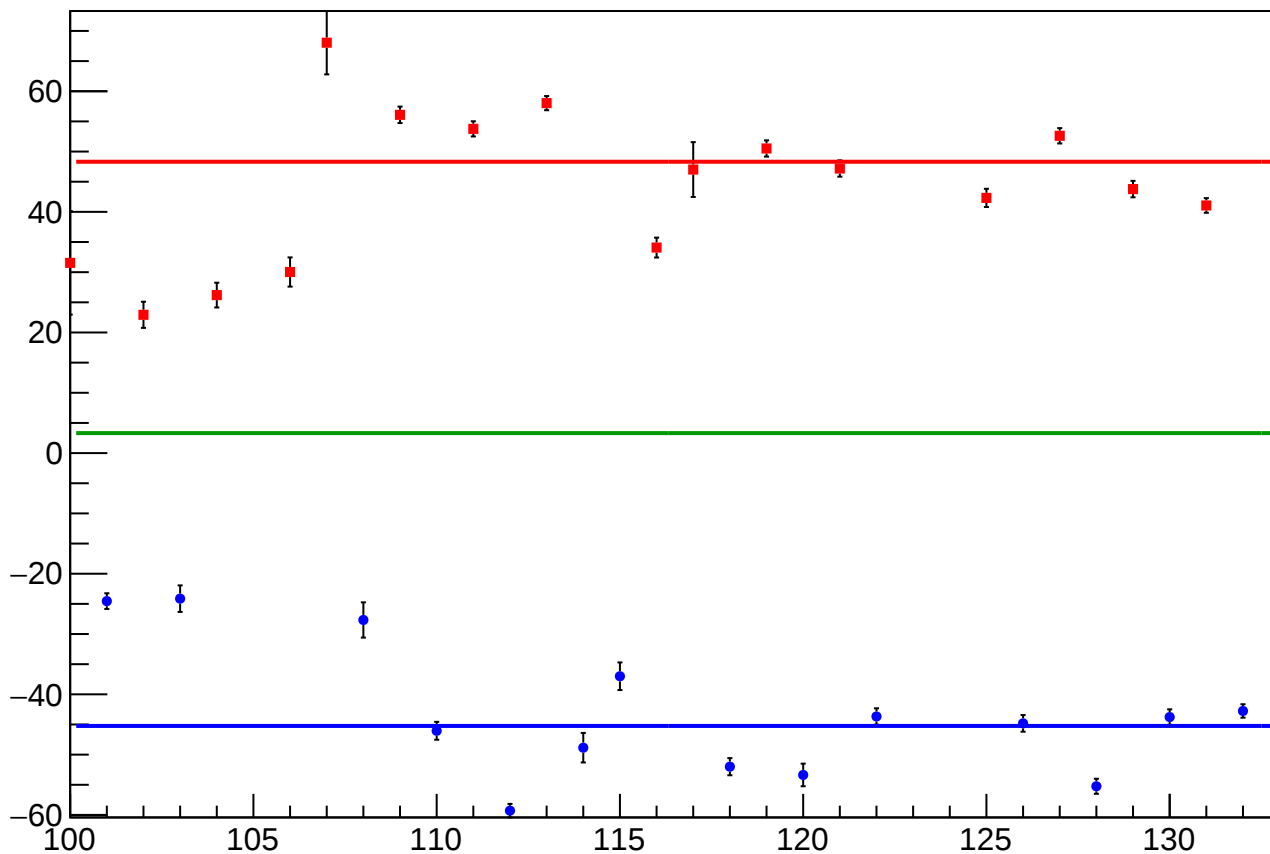
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.004 $\pm$ 0.002 χ^2 /NDF: 18.7/13

0.001 $\pm$ 0.001 χ^2 /NDF: 207.1/30

0.007 $\pm$ 0.002 χ^2 /NDF: 164.1/16

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: 48.313 ± 0.380 χ^2/NDF : 798.7/16

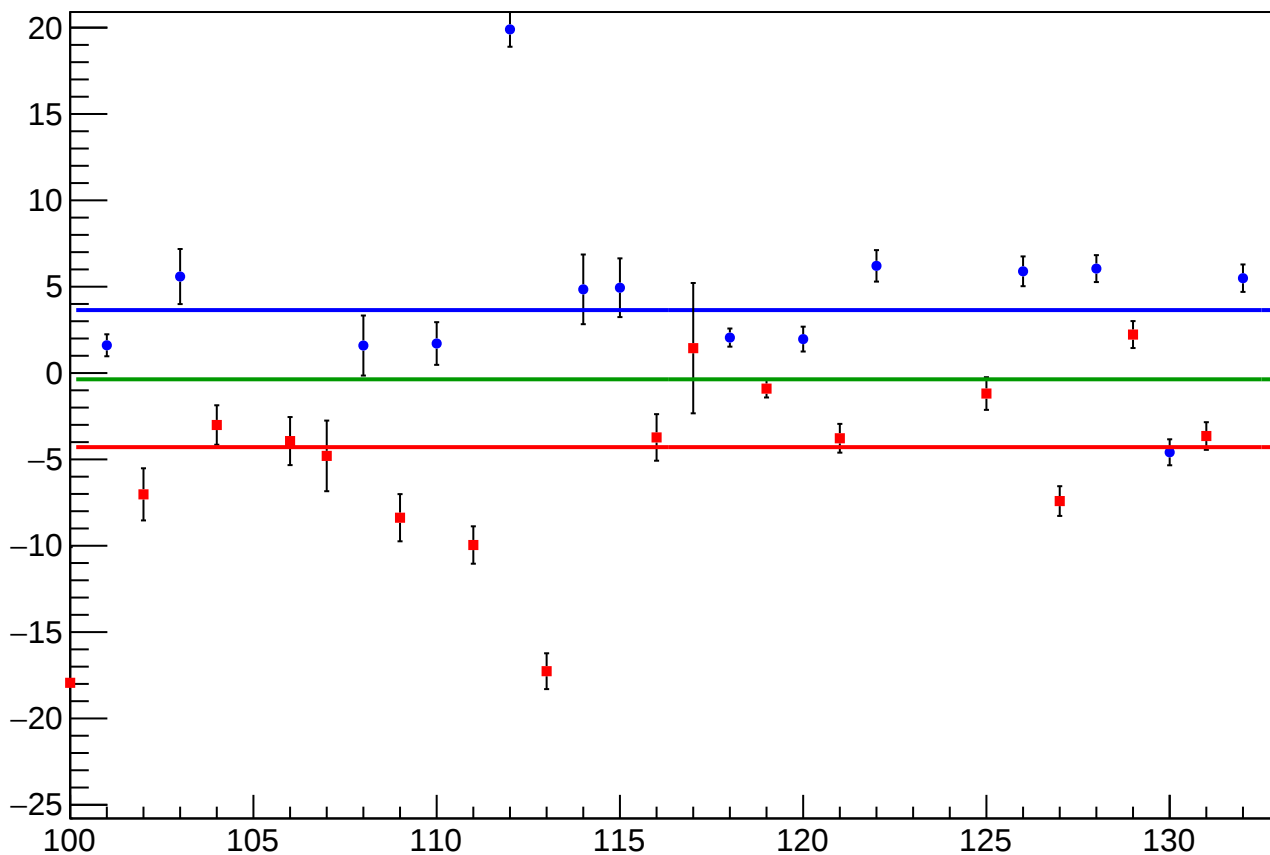
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.240 ± 0.395 χ^2/NDF : 666.0/13

3.315 ± 0.274 χ^2/NDF : 30597.4/30

48.313 ± 0.380 χ^2/NDF : 798.7/16

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: -4.290 $\pm$ 0.230 χ^2 /NDF: 352.4/16

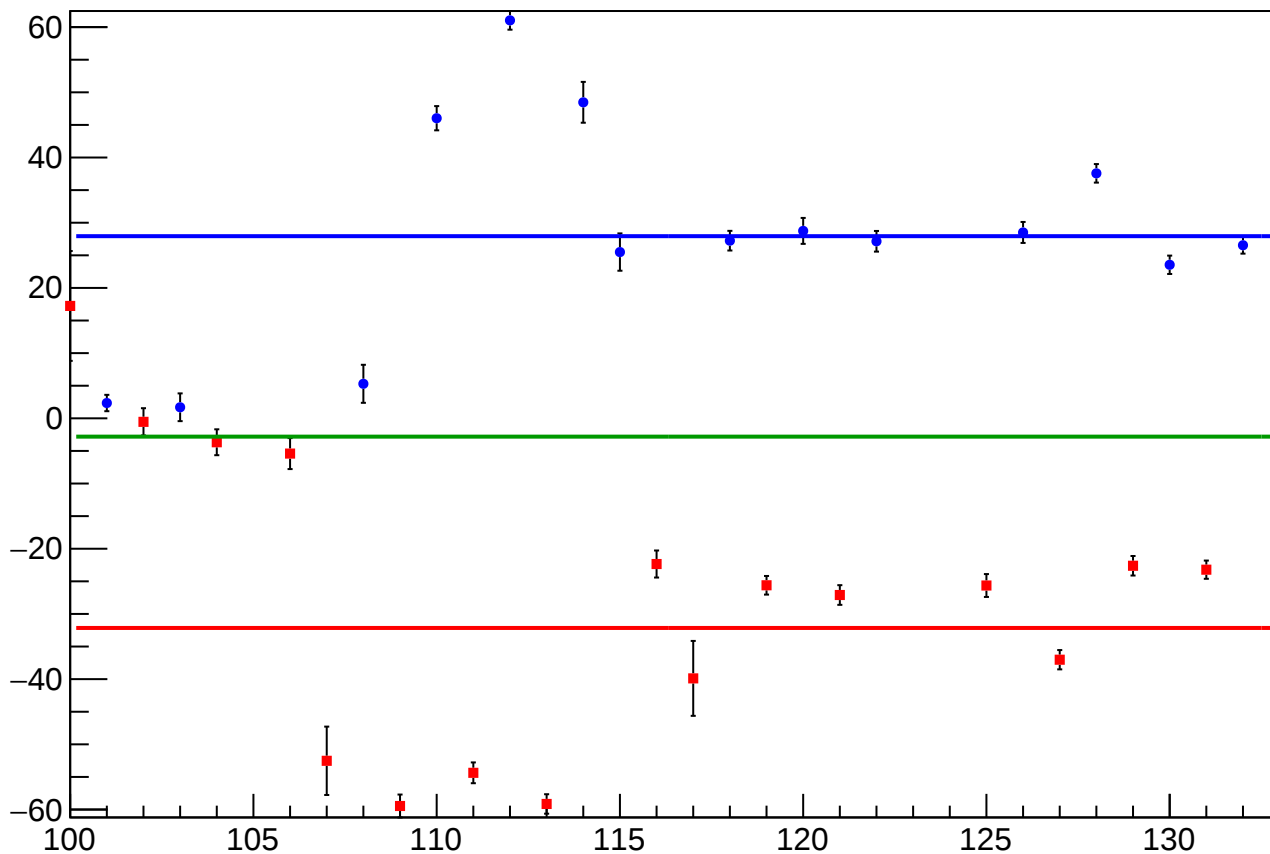
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3.645 $\pm$ 0.232 χ^2 /NDF: 441.7/13

-0.363 $\pm$ 0.163 χ^2 /NDF: 1383.7/30

-4.290 $\pm$ 0.230 χ^2 /NDF: 352.4/16

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: -32.150+/-0.435 χ^2 /NDF: 1599.9/16

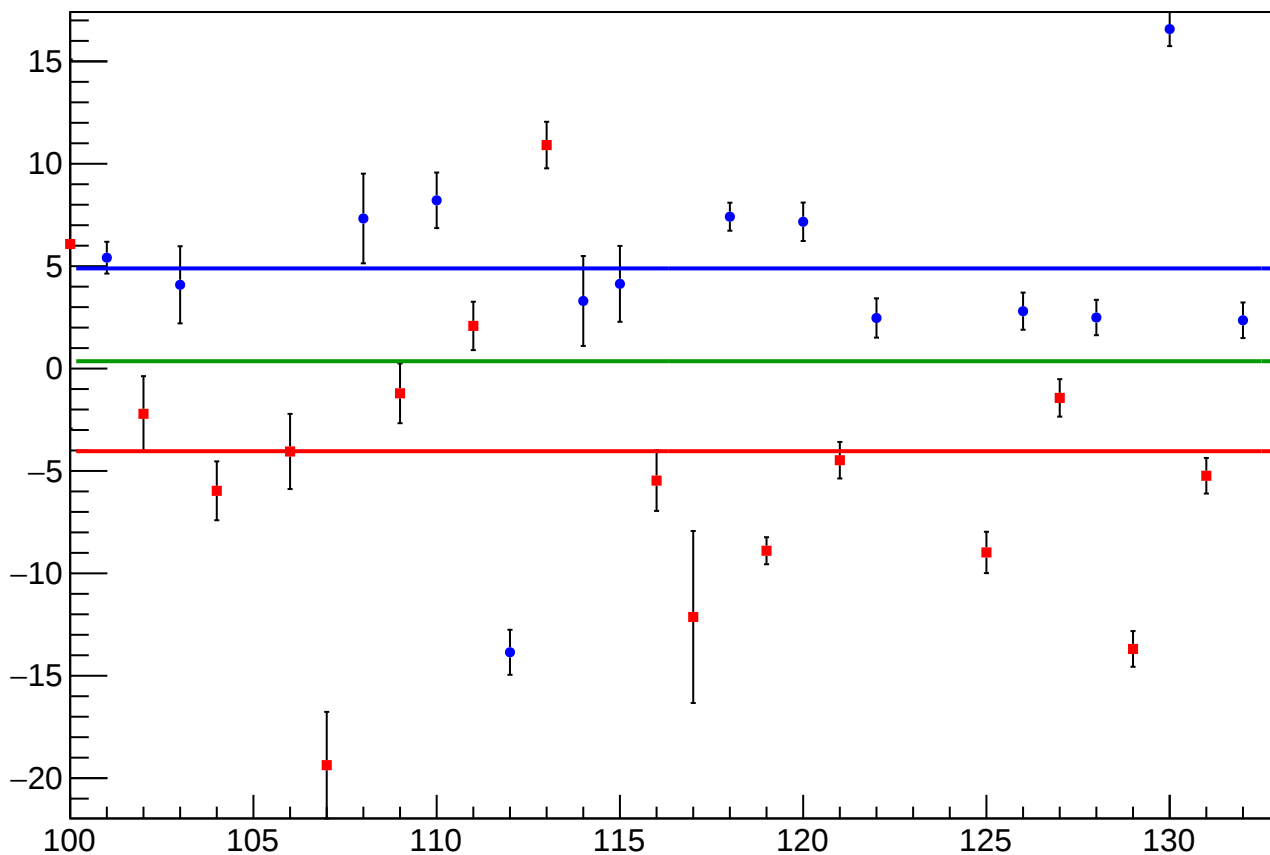
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.937+/-0.445 χ^2 /NDF: 1359.9/13

-2.808+/-0.311 χ^2 /NDF: 12294.0/30

-32.150+/-0.435 χ^2 /NDF: 1599.9/16

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: -4.035+/-0.266 χ^2/NDF : 555.2/16

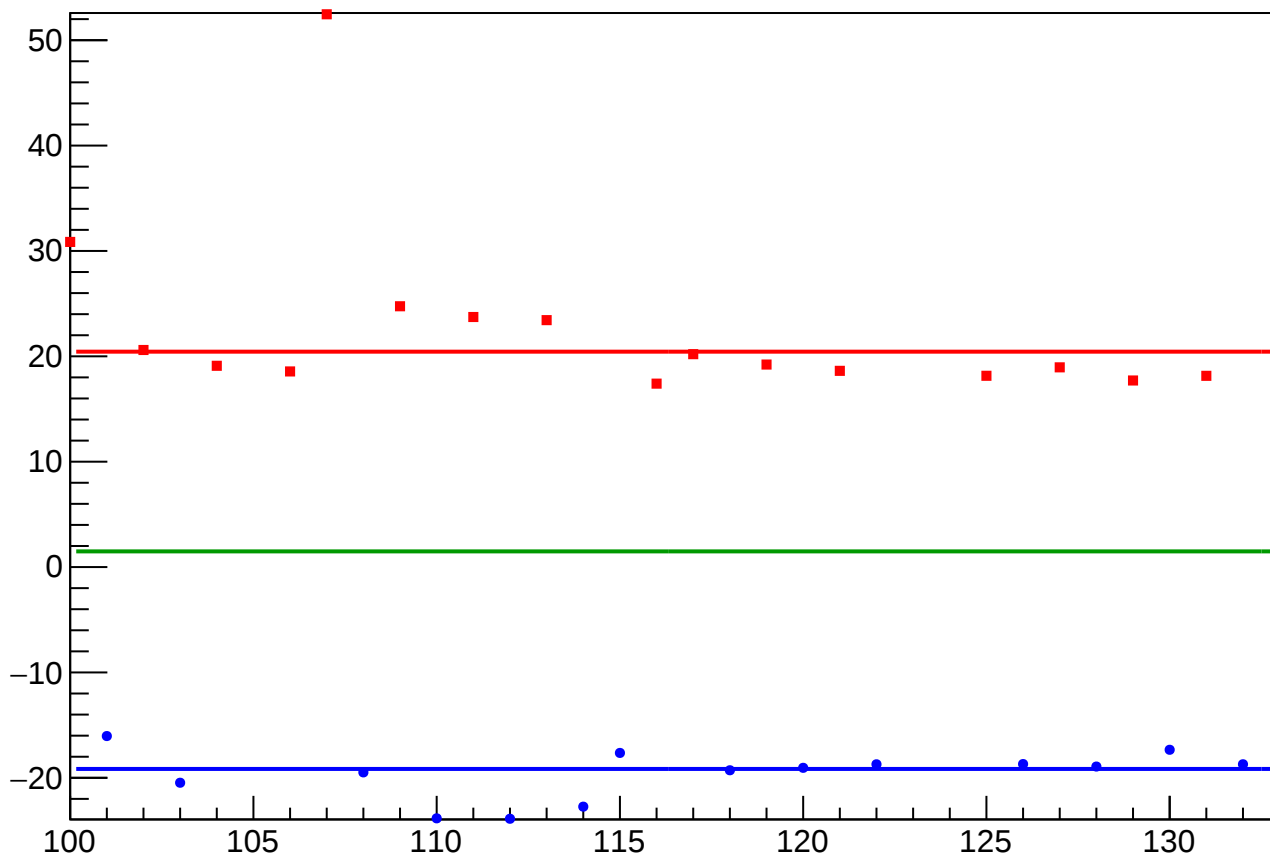
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.891+/-0.270 χ^2/NDF : 543.8/13

0.360+/-0.190 χ^2/NDF : 1653.3/30

-4.035+/-0.266 χ^2/NDF : 555.2/16

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.158 ± 0.018 $\chi^2/\text{NDF}: 15087.6/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.442 ± 0.017 $\chi^2/\text{NDF}: 87687.8/16$

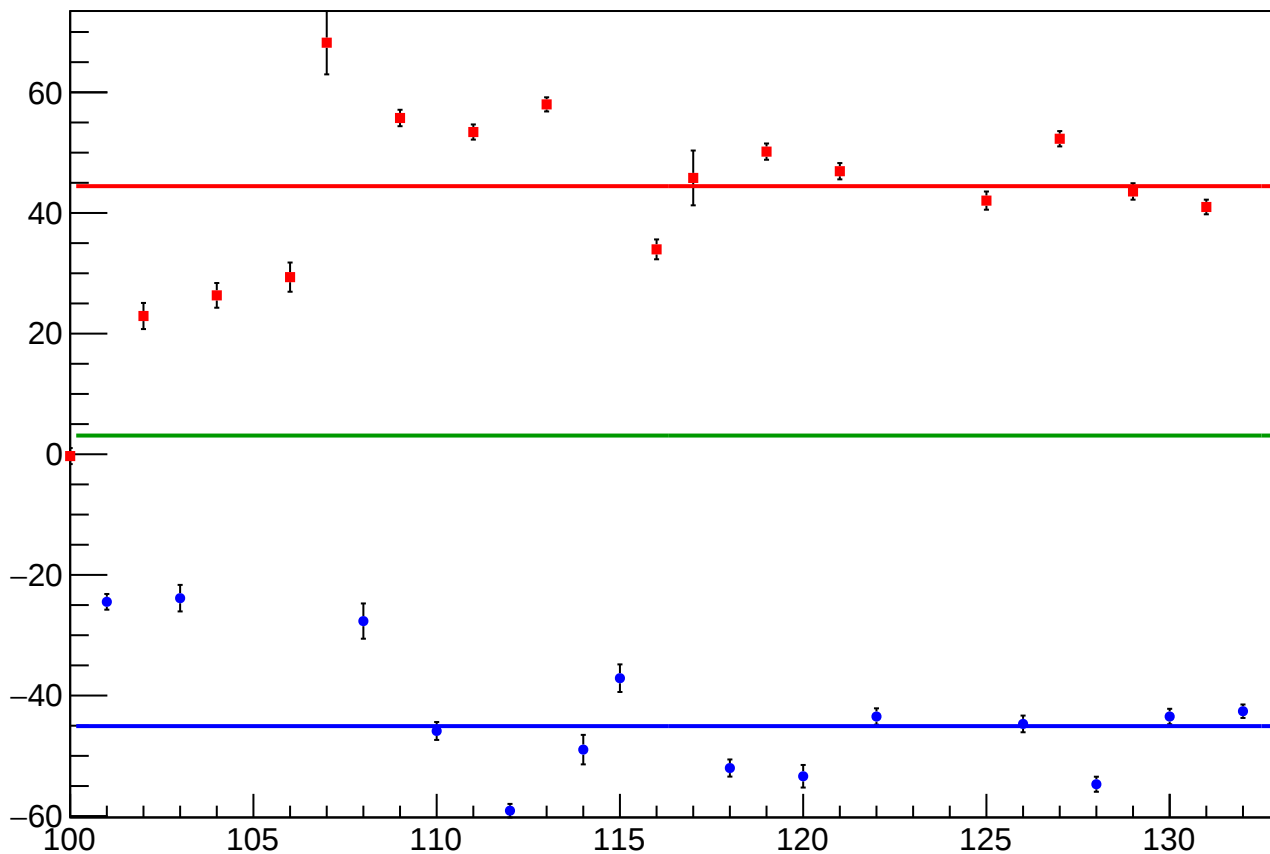
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.158 ± 0.018 $\chi^2/\text{NDF}: 15087.6/13$

1.488 ± 0.012 $\chi^2/\text{NDF}: 2746544.2/30$

20.442 ± 0.017 $\chi^2/\text{NDF}: 87687.8/16$

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: 44.444 ± 0.366 χ^2/NDF : 2009.3/16

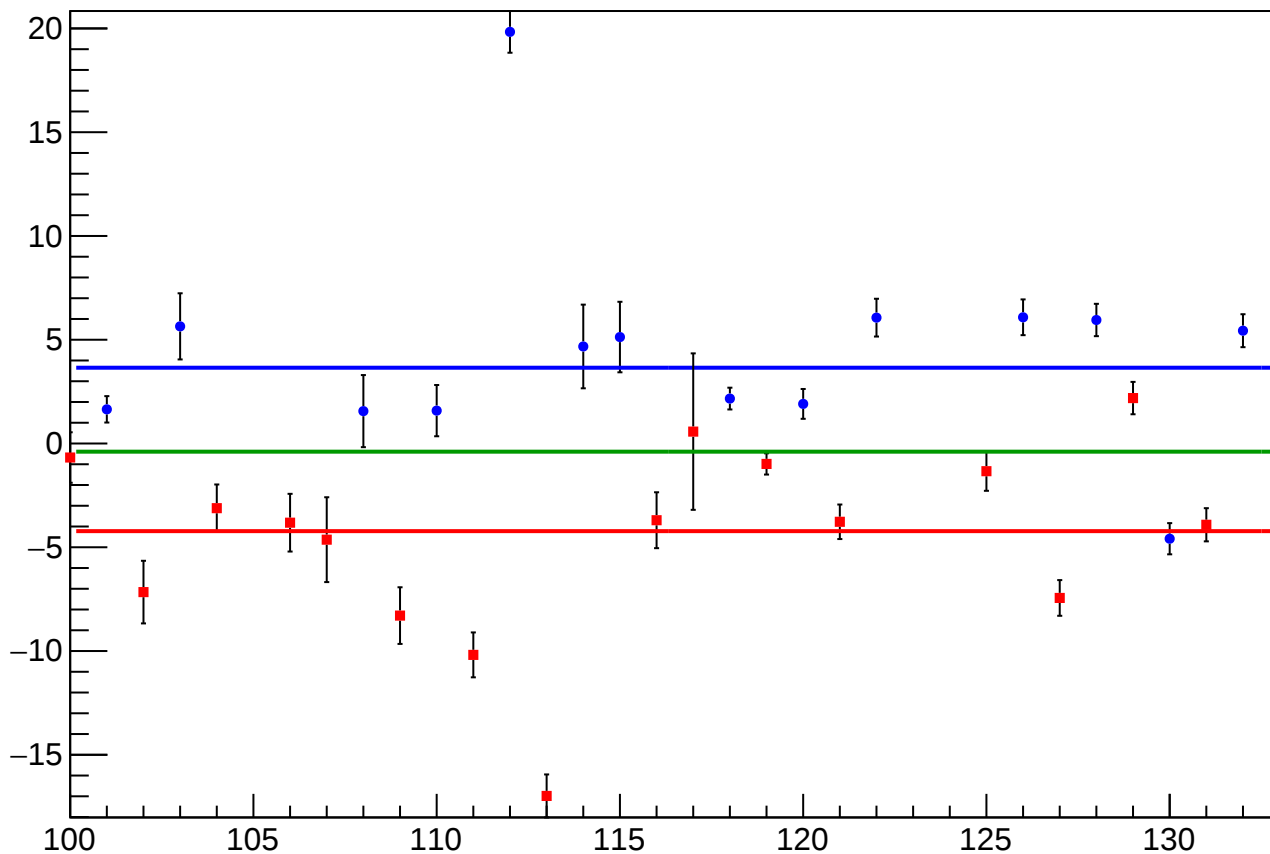
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.068 ± 0.395 χ^2/NDF : 661.1/13

3.102 ± 0.268 χ^2/NDF : 30361.0/30

44.444 ± 0.366 χ^2/NDF : 2009.3/16

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.652 $\pm$ 0.232 χ^2/NDF : 438.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.223 $\pm$ 0.226 χ^2/NDF : 350.7/16

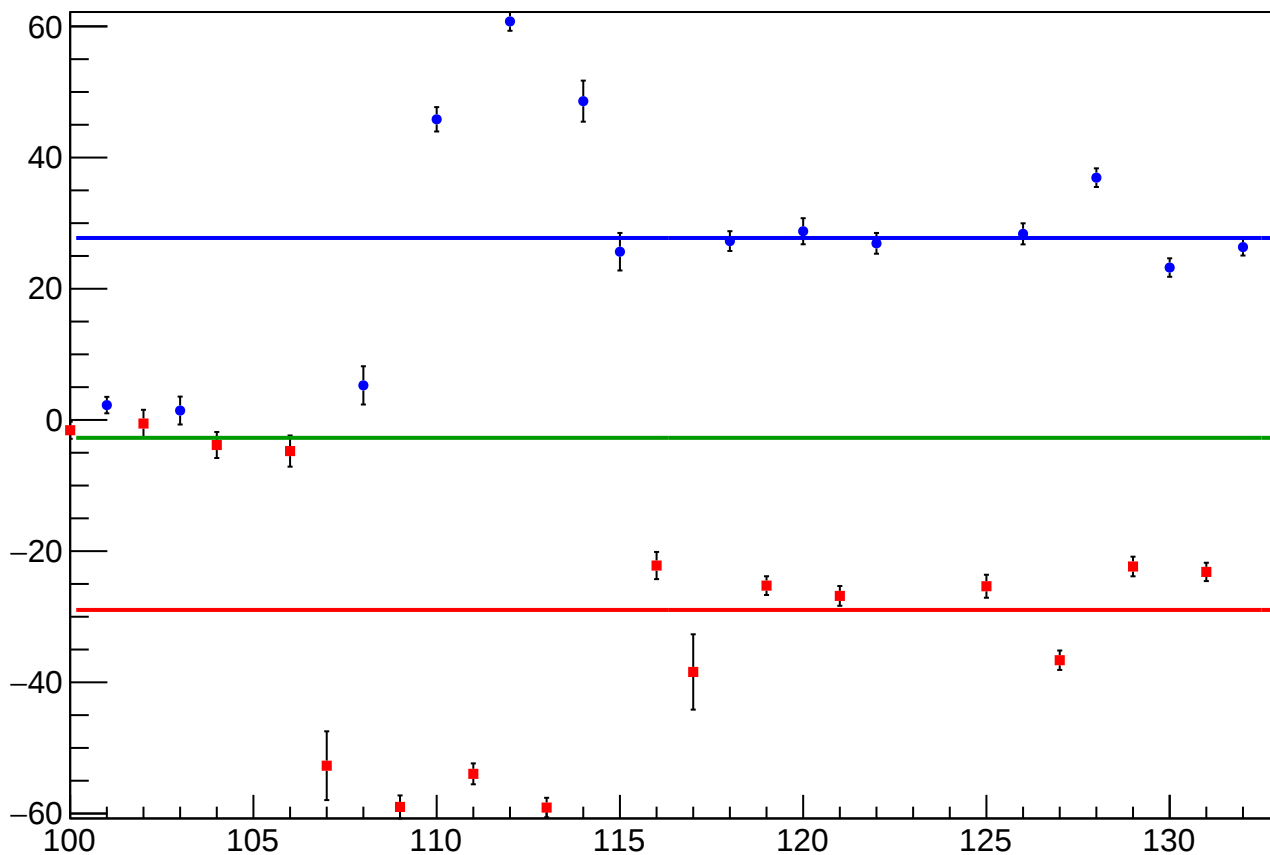
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

3.652 $\pm$ 0.232 χ^2/NDF : 438.8/13

-0.394 $\pm$ 0.162 χ^2/NDF : 1380.9/30

-4.223 $\pm$ 0.226 χ^2/NDF : 350.7/16

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: -28.962 $\pm$ 0.413 χ^2 /NDF: 2044.7/16

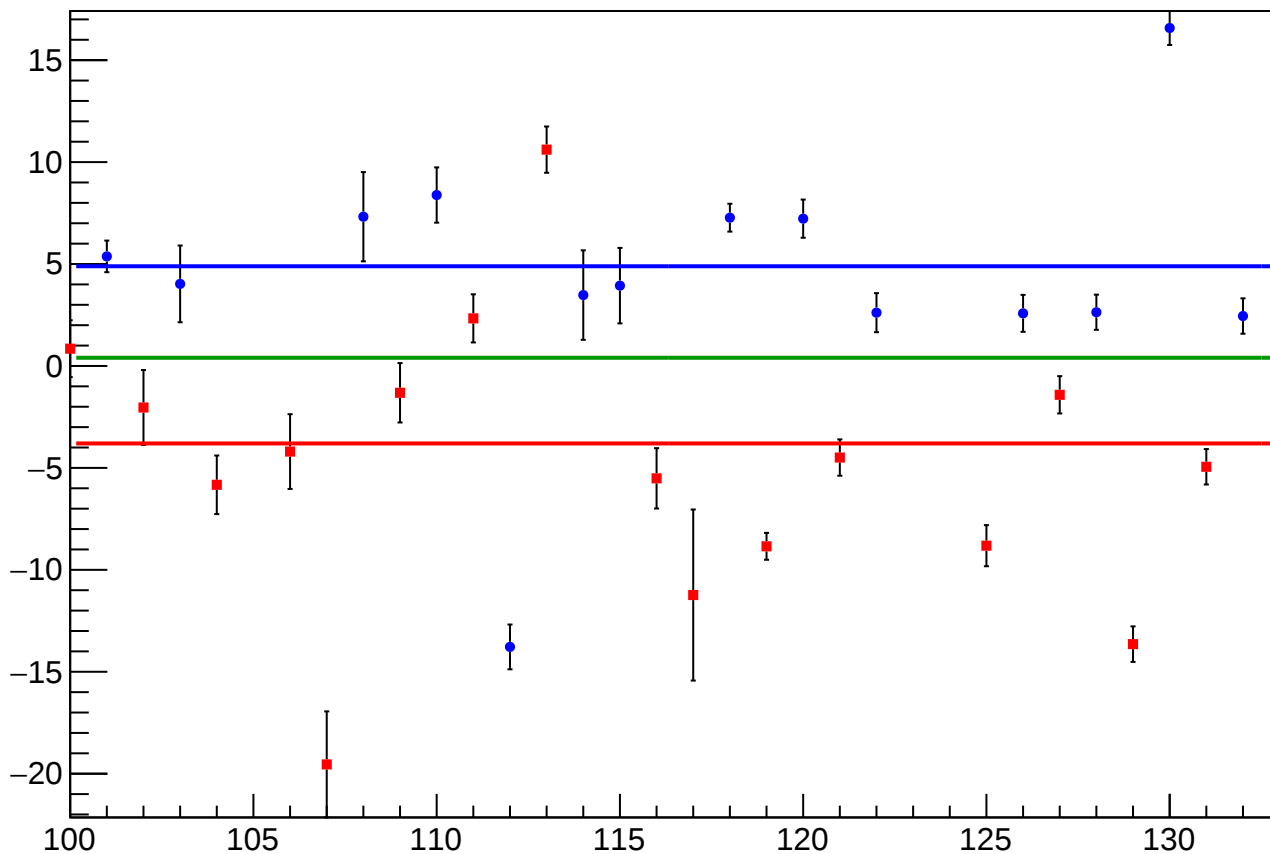
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.742 $\pm$ 0.445 χ^2 /NDF: 1352.5/13

-2.725 $\pm$ 0.302 χ^2 /NDF: 12137.9/30

-28.962 $\pm$ 0.413 χ^2 /NDF: 2044.7/16

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: -3.801 $\pm$ 0.261 χ^2 /NDF: 561.7/16

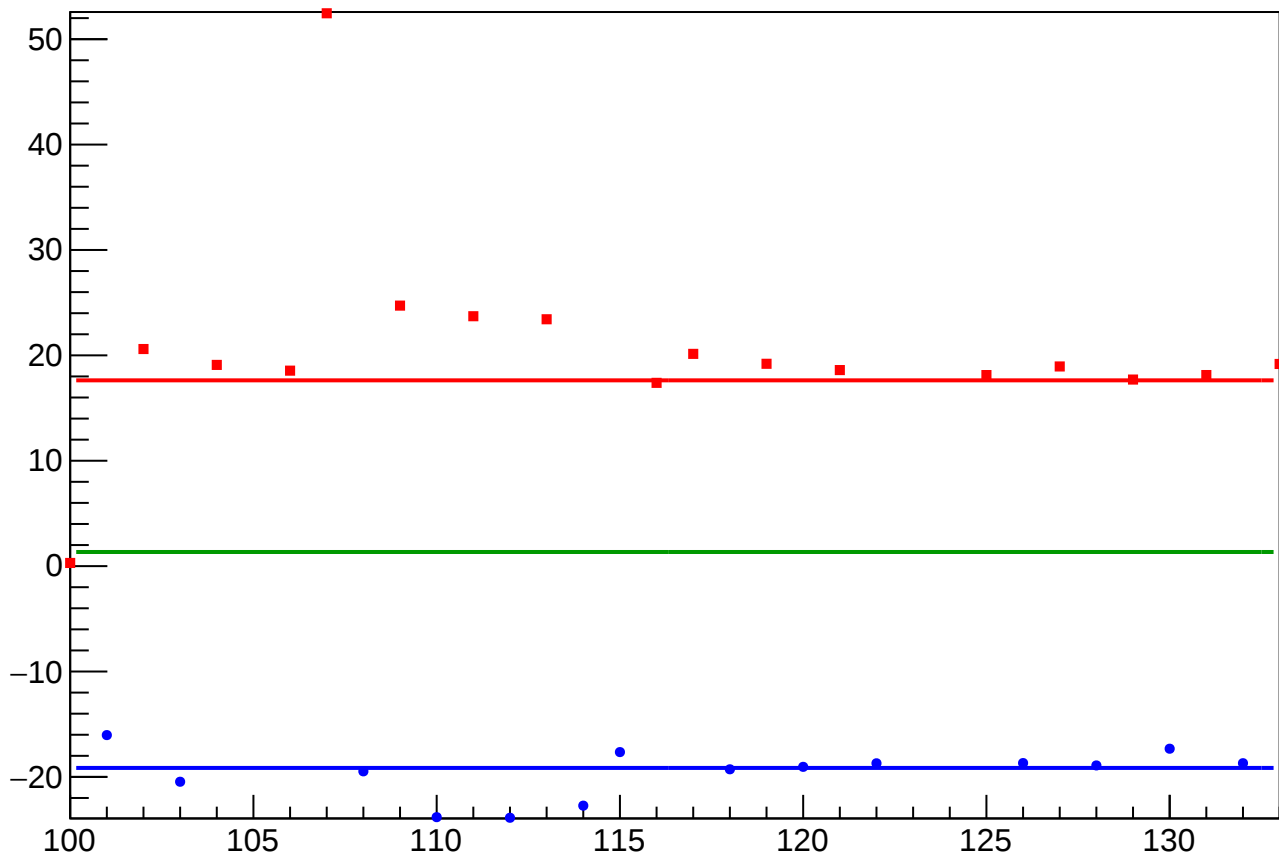
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.891 $\pm$ 0.270 χ^2 /NDF: 540.6/13

0.403 $\pm$ 0.188 χ^2 /NDF: 1637.8/30

-3.801 $\pm$ 0.261 χ^2 /NDF: 561.7/16

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.148 ± 0.018 χ^2/NDF : 15076.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.629 ± 0.016 χ^2/NDF : 281060.1/16

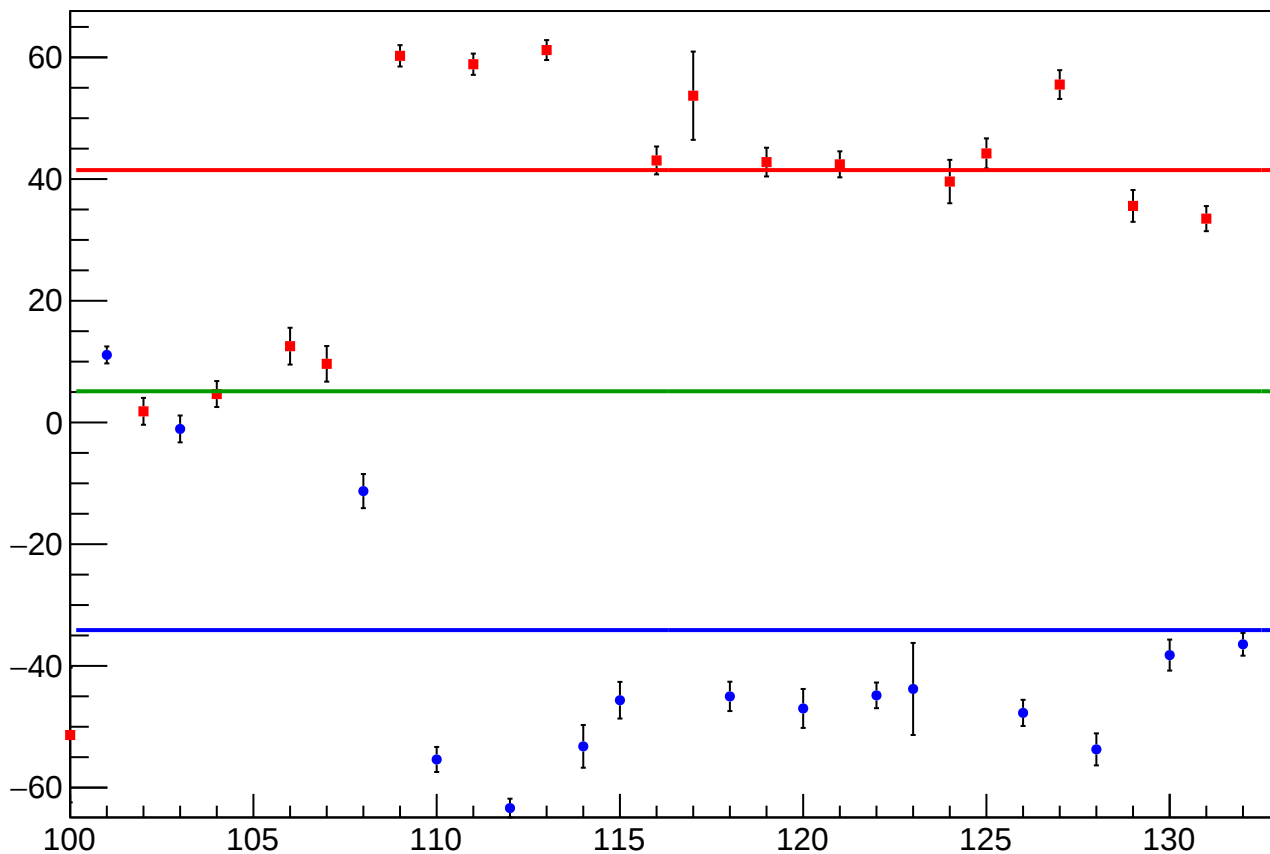
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-19.148 ± 0.018 χ^2/NDF : 15076.4/13

1.342 ± 0.012 χ^2/NDF : 2735898.1/30

17.629 ± 0.016 χ^2/NDF : 281060.1/16

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.118 ± 0.577 χ^2/NDF : 2016.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 41.475 ± 0.555 χ^2/NDF : 1405.0/17

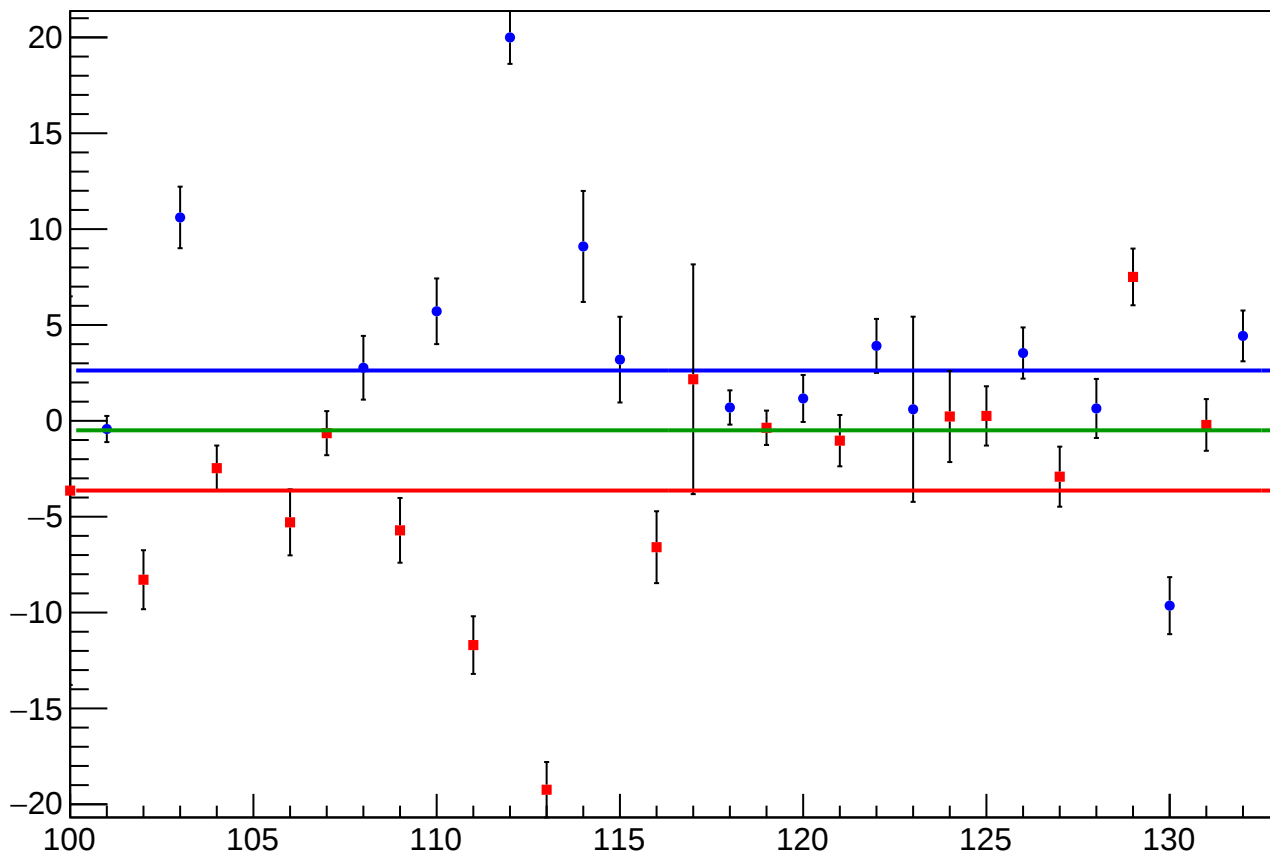
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.118 ± 0.577 χ^2/NDF : 2016.1/14

5.132 ± 0.400 χ^2/NDF : 12343.1/32

41.475 ± 0.555 χ^2/NDF : 1405.0/17

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: -3.636 ± 0.343 χ^2/NDF : 270.0/17

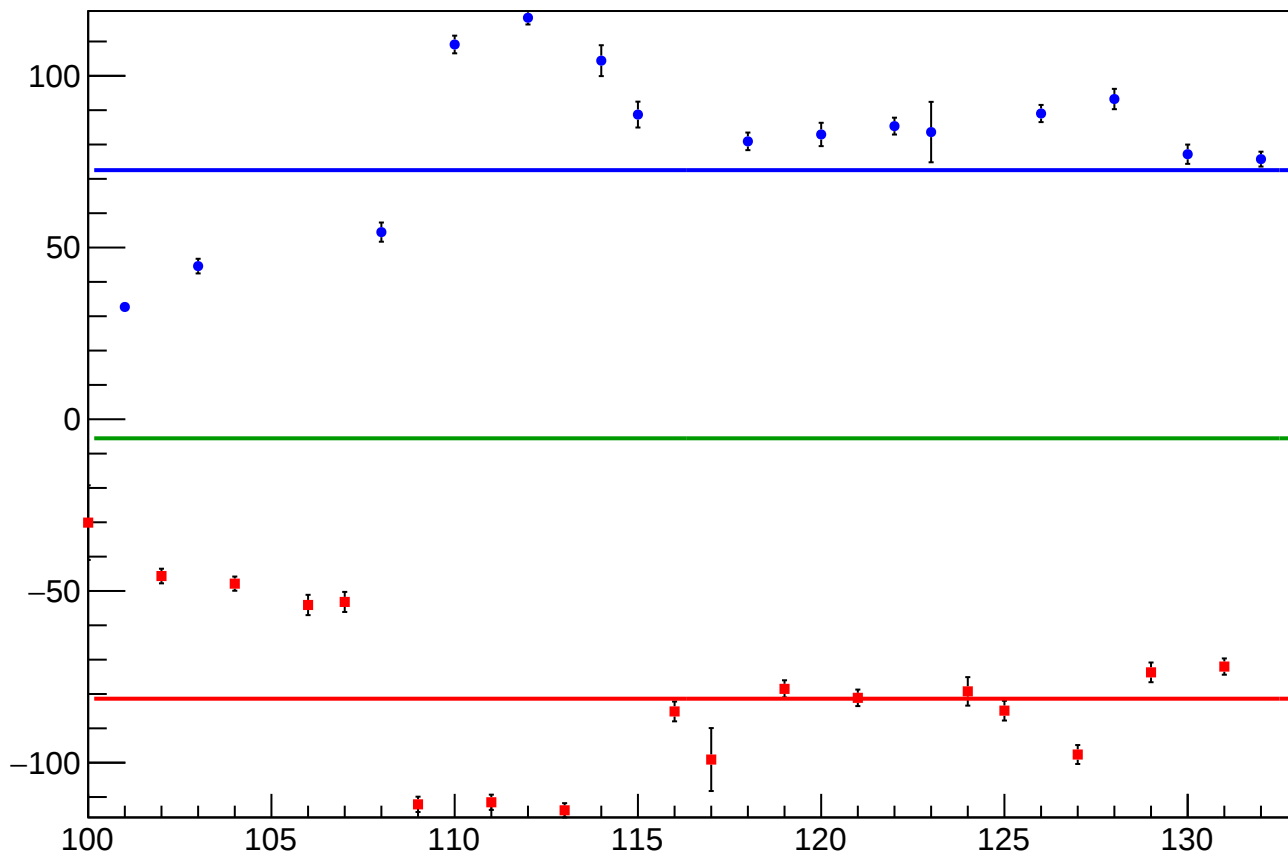
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.626 ± 0.342 χ^2/NDF : 290.9/14

-0.494 ± 0.242 χ^2/NDF : 728.0/32

-3.636 ± 0.343 χ^2/NDF : 270.0/17

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.537+/-0.637 χ^2 /NDF: 2019.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -81.369+/-0.628 χ^2 /NDF: 1485.9/17

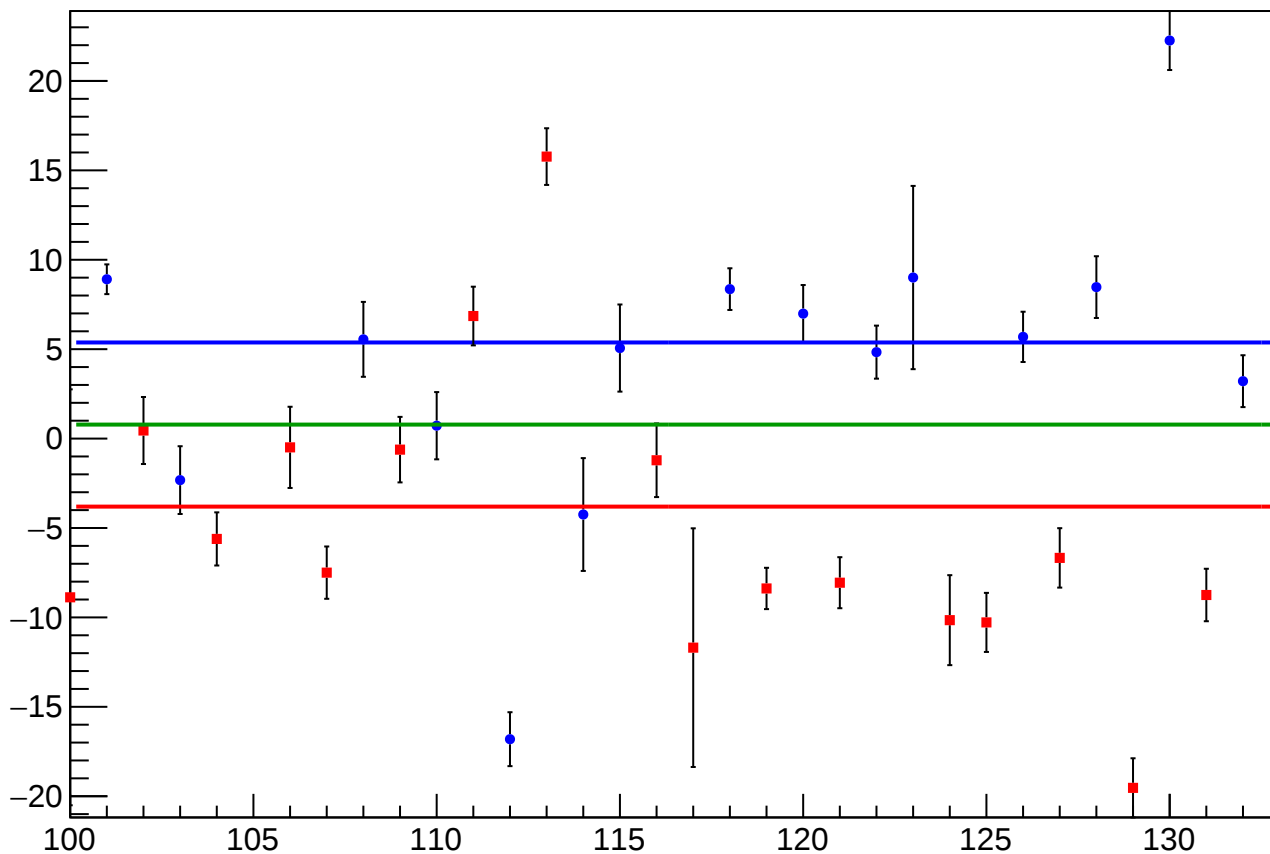
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

72.537+/-0.637 χ^2 /NDF: 2019.9/14

-5.547+/-0.447 χ^2 /NDF: 33121.0/32

-81.369+/-0.628 χ^2 /NDF: 1485.9/17

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: -3.804+/-0.400 χ^2/NDF : 422.0/17

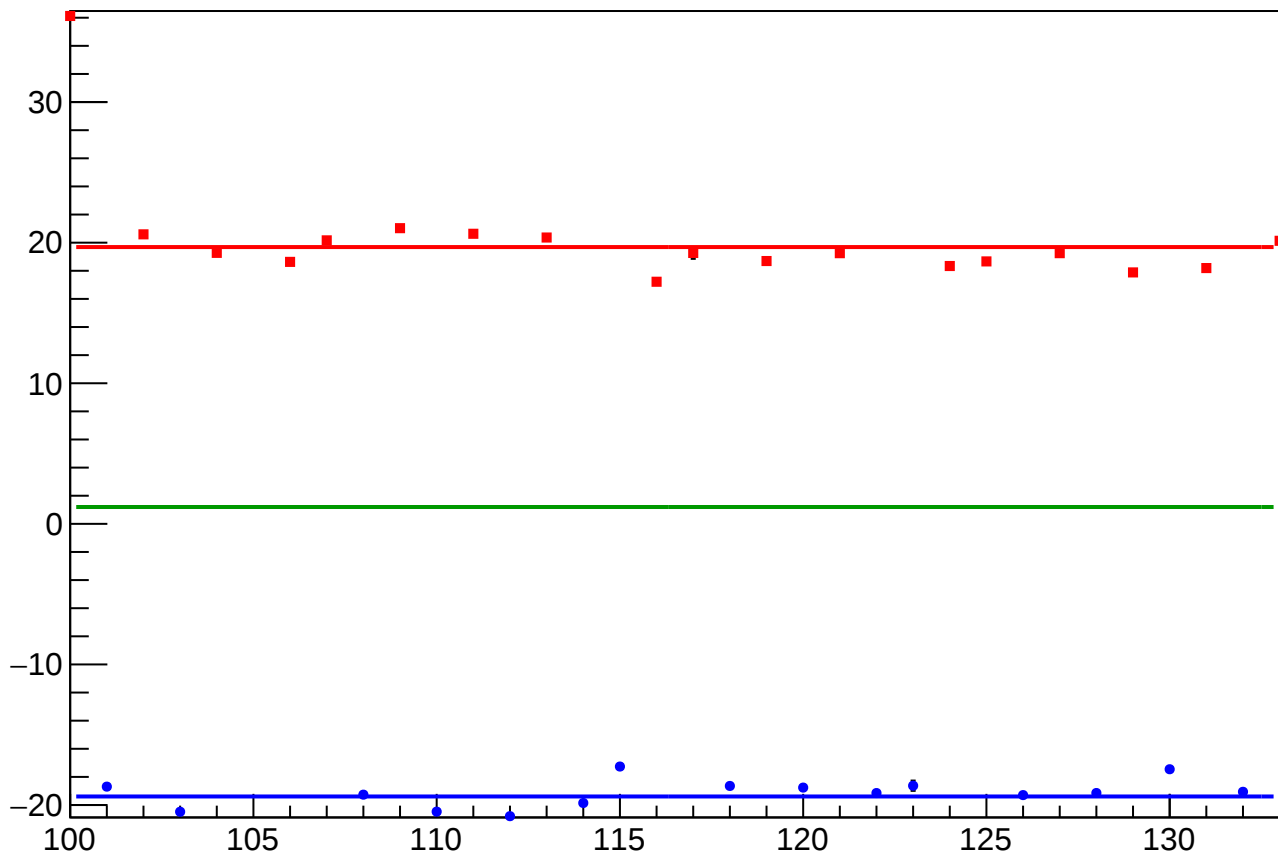
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.375+/-0.400 χ^2/NDF : 385.0/14

0.783+/-0.283 χ^2/NDF : 1070.3/32

-3.804+/-0.400 χ^2/NDF : 422.0/17

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.392 $\pm$ 0.023 χ^2/NDF : 1560.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 19.687 $\pm$ 0.022 χ^2/NDF : 4161.4/17

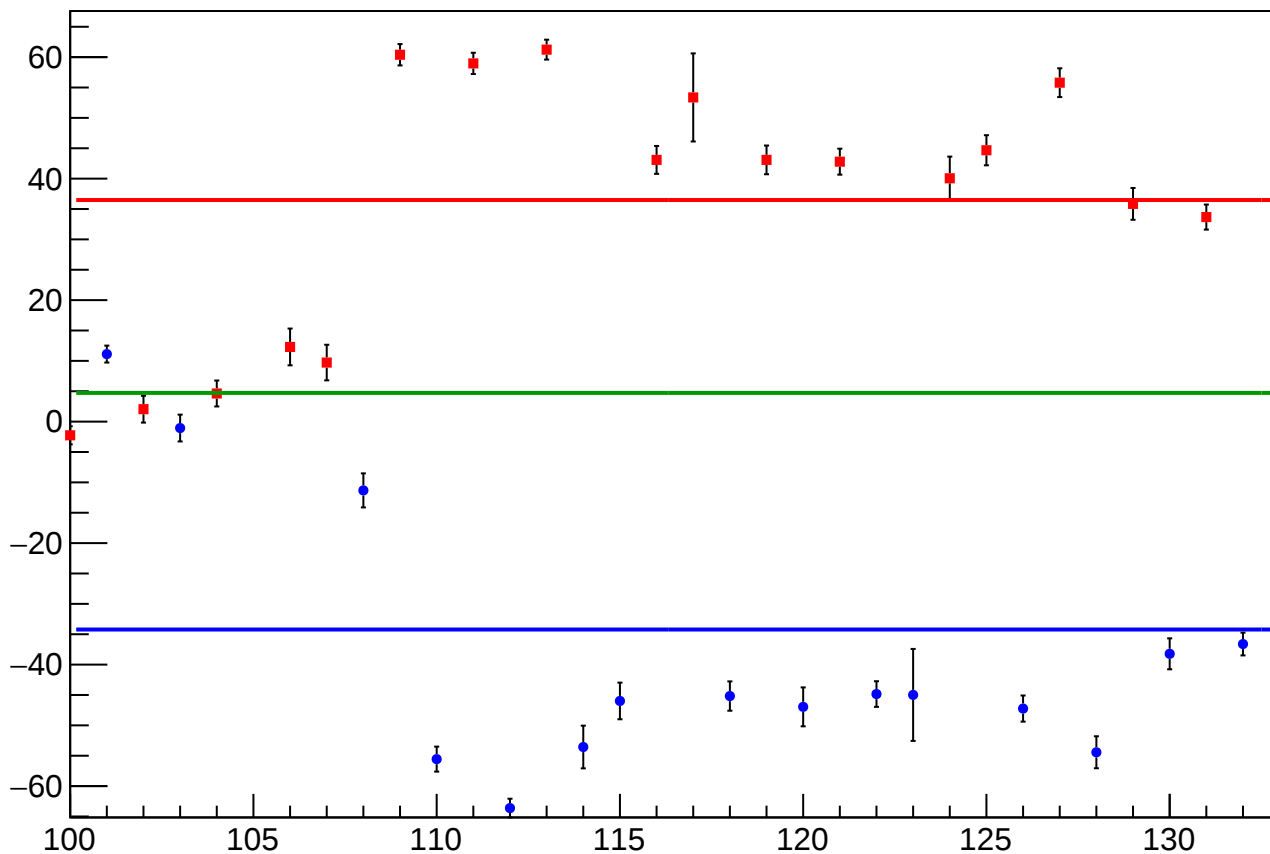
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-19.392 $\pm$ 0.023 χ^2/NDF : 1560.2/14

1.198 $\pm$ 0.016 χ^2/NDF : 1536004.4/32

19.687 $\pm$ 0.022 χ^2/NDF : 4161.4/17

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: 36.481+/-0.521 χ^2/NDF : 2102.2/17

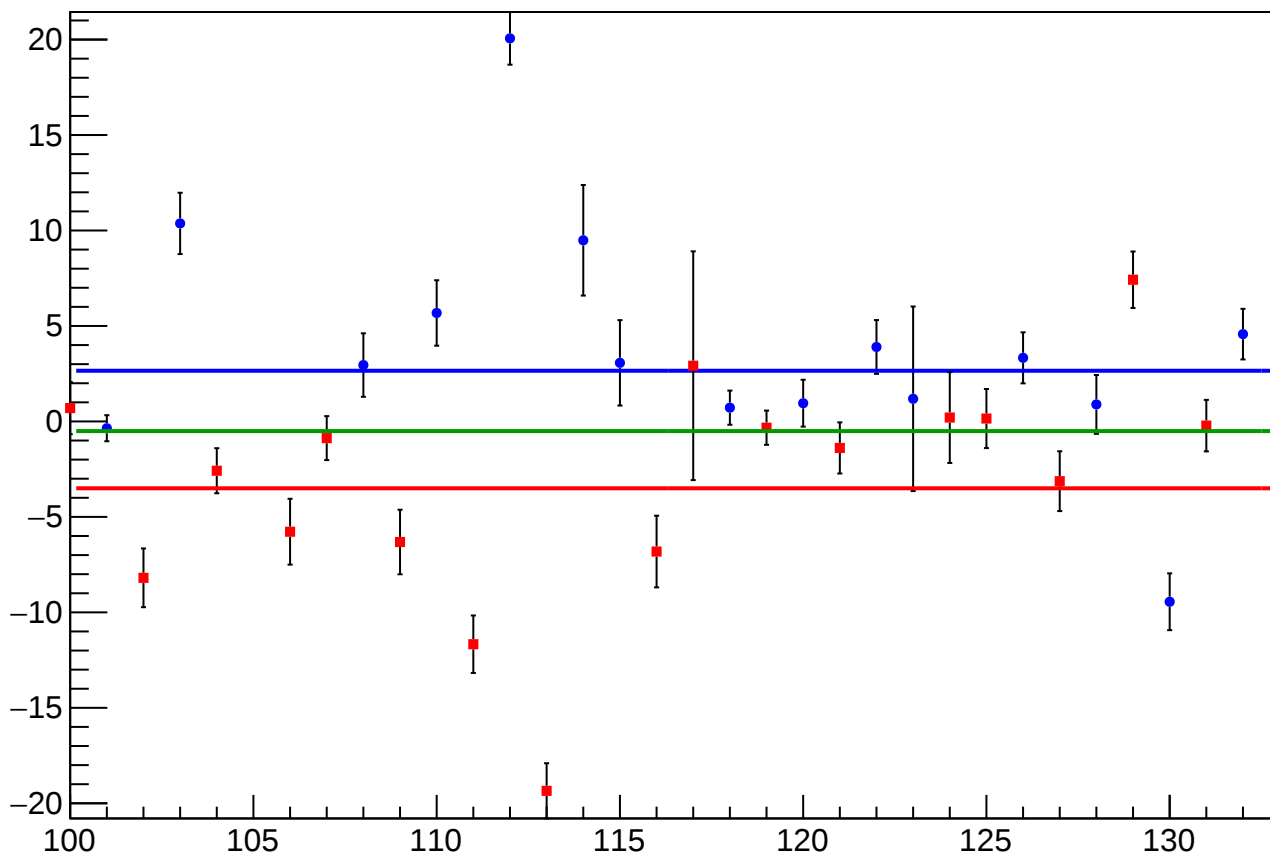
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-34.222+/-0.577 χ^2/NDF : 2027.1/14

4.727+/-0.387 χ^2/NDF : 12401.3/32

36.481+/-0.521 χ^2/NDF : 2102.2/17

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: -3.503+/-0.333 χ^2/NDF : 280.5/17

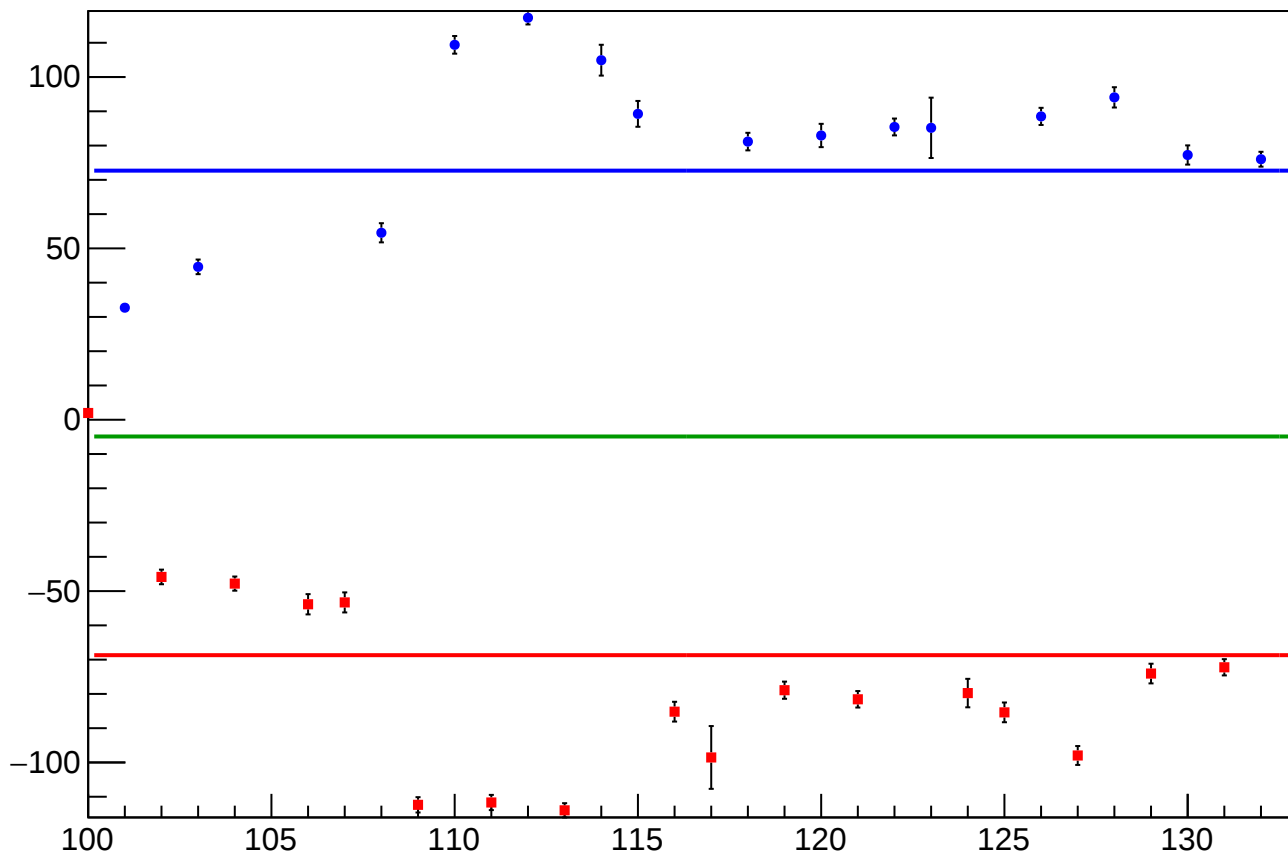
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.654+/-0.342 χ^2/NDF : 287.9/14

-0.506+/-0.239 χ^2/NDF : 734.7/32

-3.503+/-0.333 χ^2/NDF : 280.5/17

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.686+/-0.637 χ^2 /NDF: 2035.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -68.695+/-0.578 χ^2 /NDF: 4223.9/17

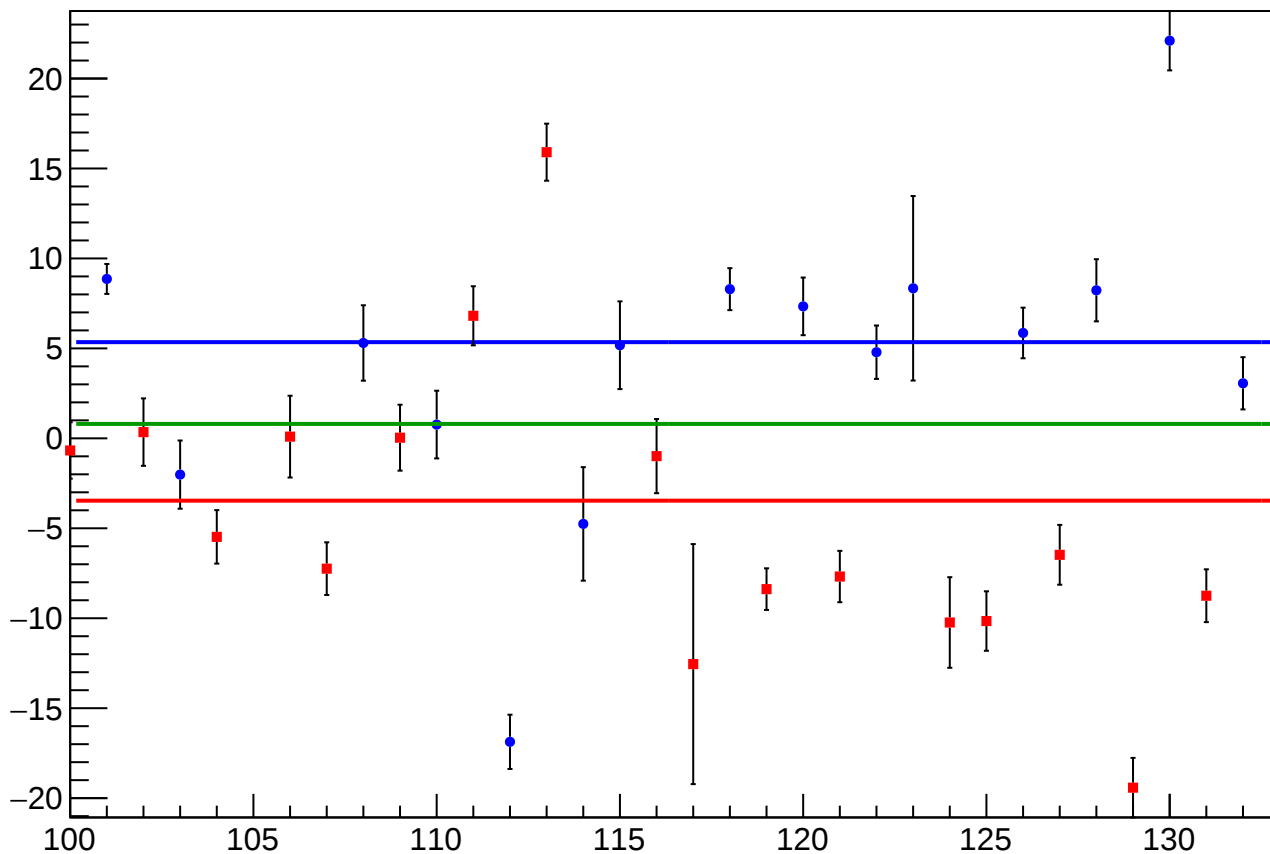
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

72.686+/-0.637 χ^2 /NDF: 2035.6/14

-4.886+/-0.428 χ^2 /NDF: 33256.7/32

-68.695+/-0.578 χ^2 /NDF: 4223.9/17

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: -3.464+/-0.388 χ^2/NDF : 425.8/17

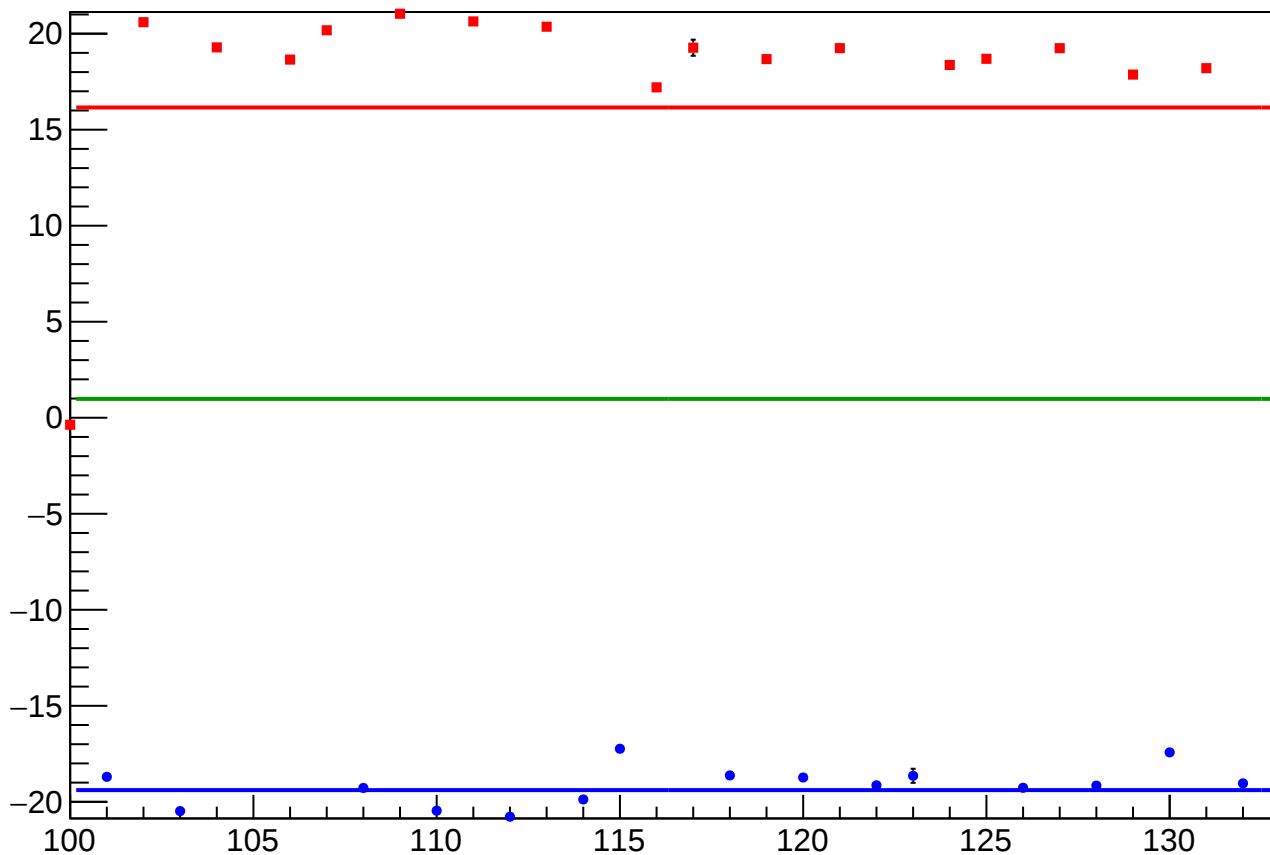
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.347+/-0.400 χ^2/NDF : 383.0/14

0.803+/-0.279 χ^2/NDF : 1058.7/32

-3.464+/-0.388 χ^2/NDF : 425.8/17

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: 16.157 ± 0.020 $\chi^2/\text{NDF}: 148299.5/17$

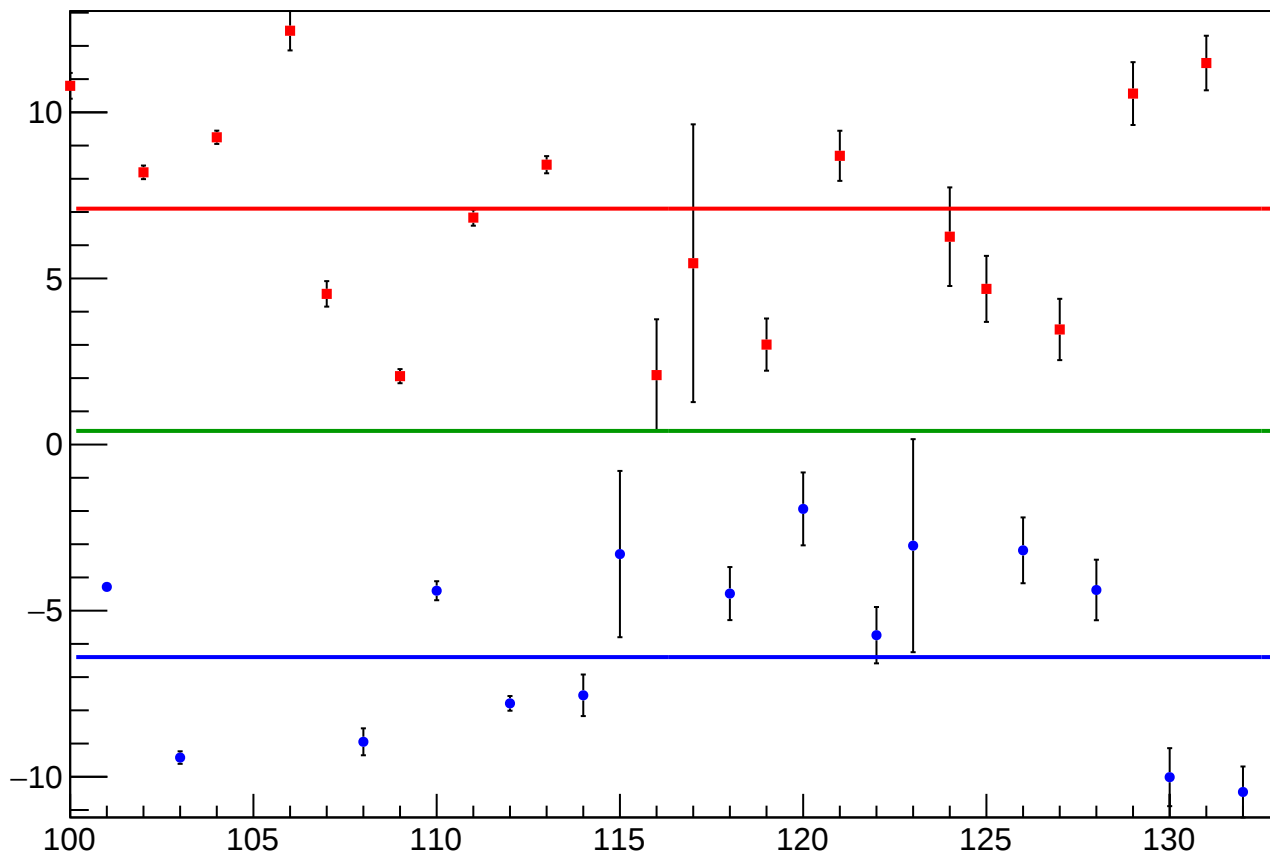
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.390 ± 0.023 $\chi^2/\text{NDF}: 1568.7/14$

0.983 ± 0.015 $\chi^2/\text{NDF}: 1525671.3/32$

16.157 ± 0.020 $\chi^2/\text{NDF}: 148299.5/17$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.397+/-0.088 χ^2/NDF : 698.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.101+/-0.087 χ^2/NDF : 1059.4/17

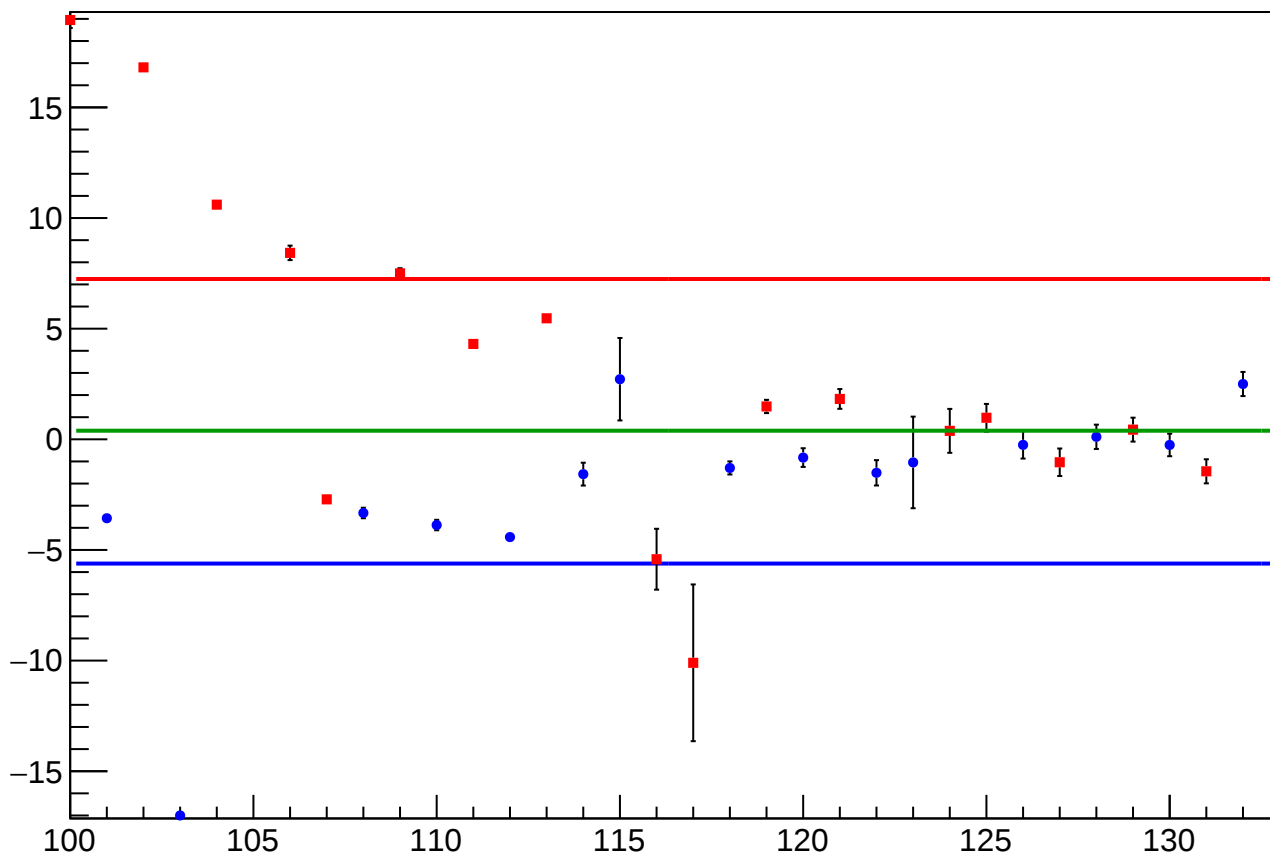
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.397+/-0.088 χ^2/NDF : 698.1/14

0.411+/-0.062 χ^2/NDF : 13580.7/32

7.101+/-0.087 χ^2/NDF : 1059.4/17

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: 7.245 ± 0.060 χ^2/NDF : 12051.8/17

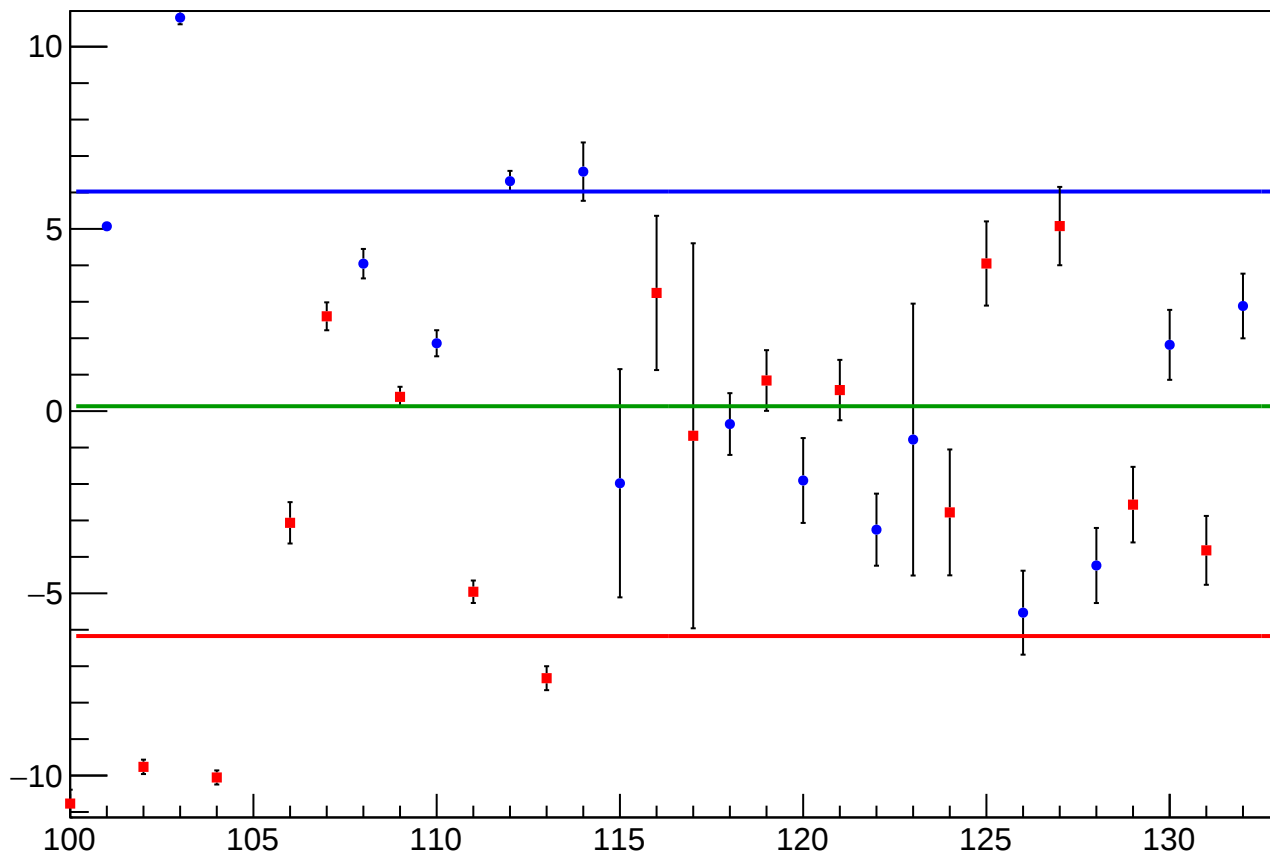
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.616 ± 0.056 χ^2/NDF : 8977.2/14

0.389 ± 0.041 χ^2/NDF : 45488.2/32

7.245 ± 0.060 χ^2/NDF : 12051.8/17

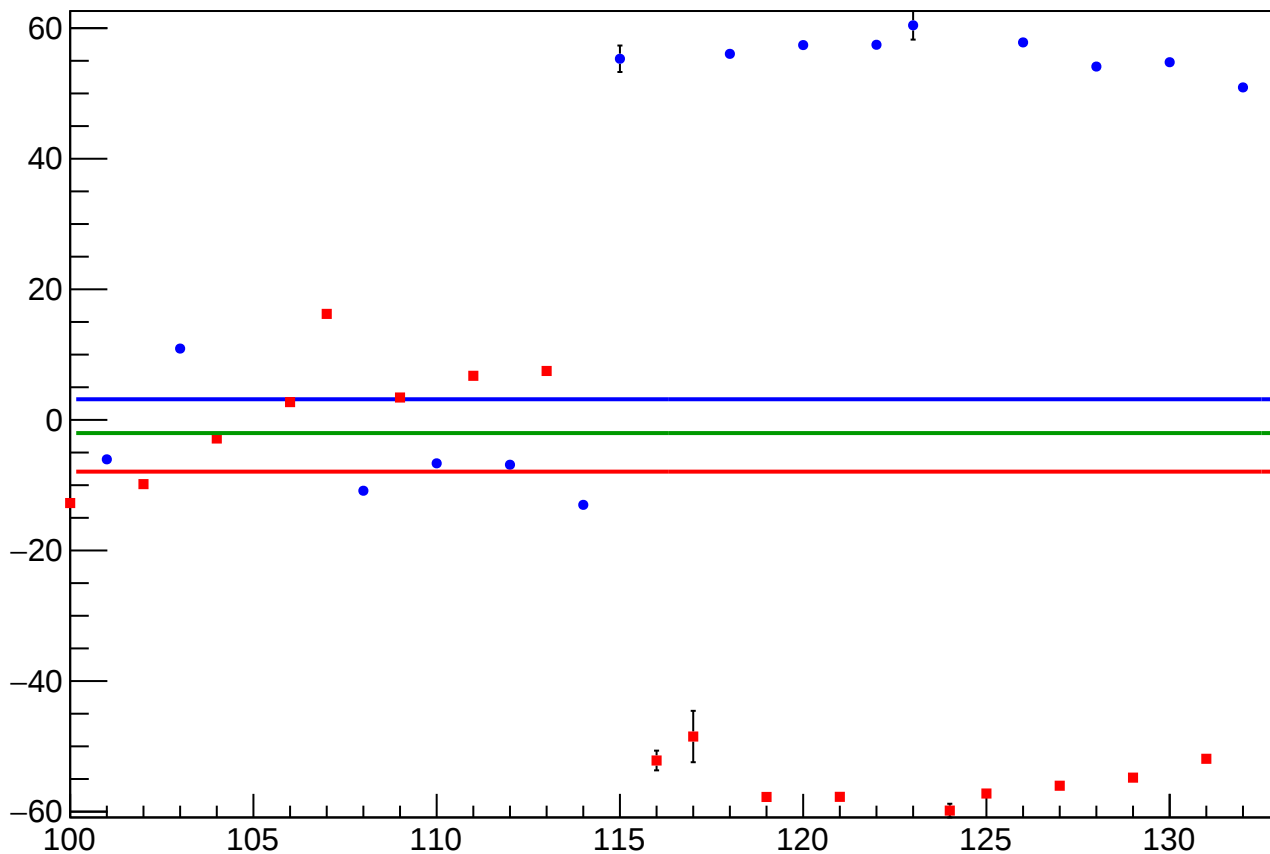
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -6.172 $\pm$ 0.095 χ^2 /NDF: 2618.9/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.026 $\pm$ 0.092 χ^2 /NDF: 1328.8/14
 0.134 $\pm$ 0.066 χ^2 /NDF: 12520.0/32
 -6.172 $\pm$ 0.095 χ^2 /NDF: 2618.9/17

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: -7.924+/-0.071 χ^2/NDF : 101753.8/17

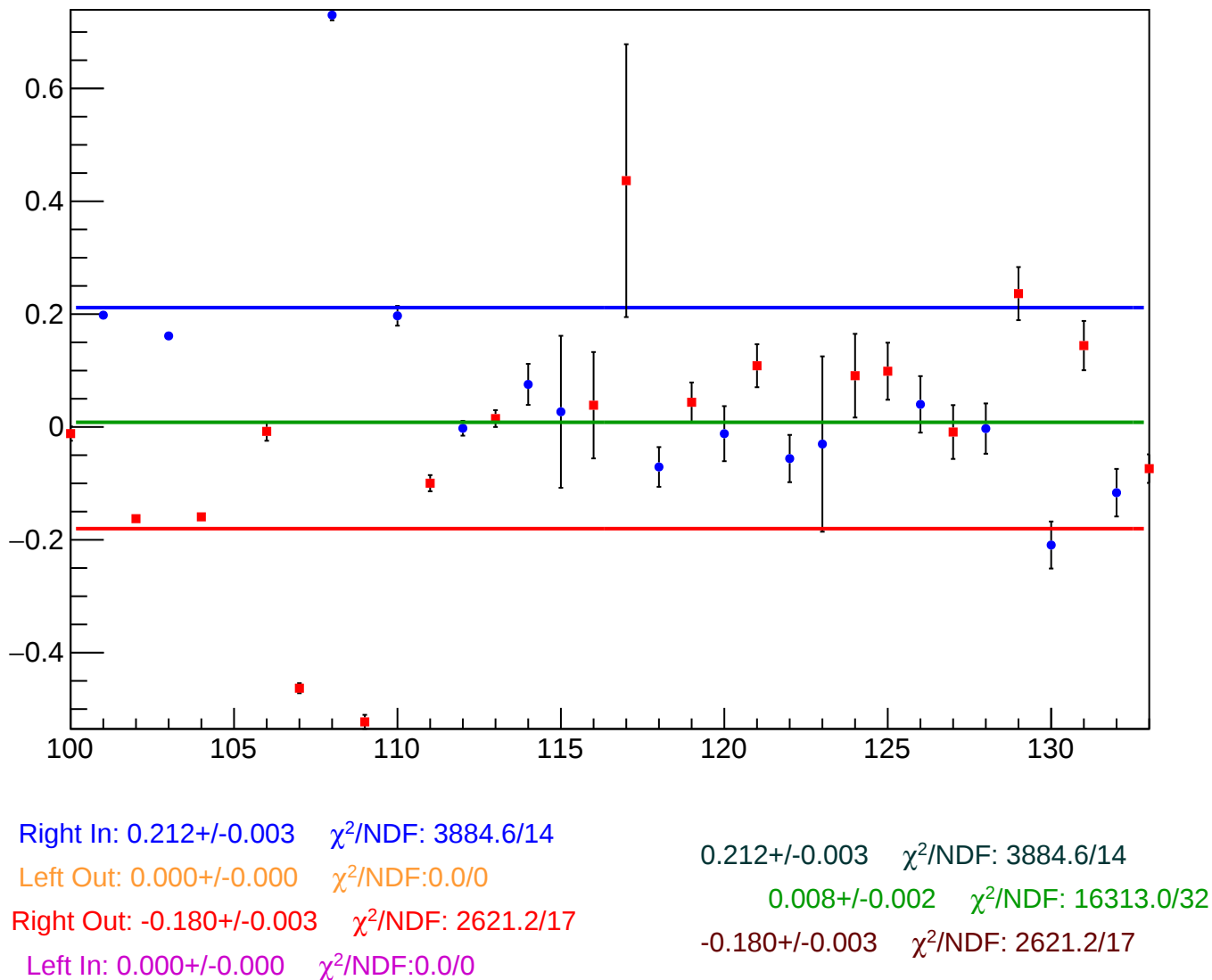
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.161+/-0.067 χ^2/NDF : 85060.2/14

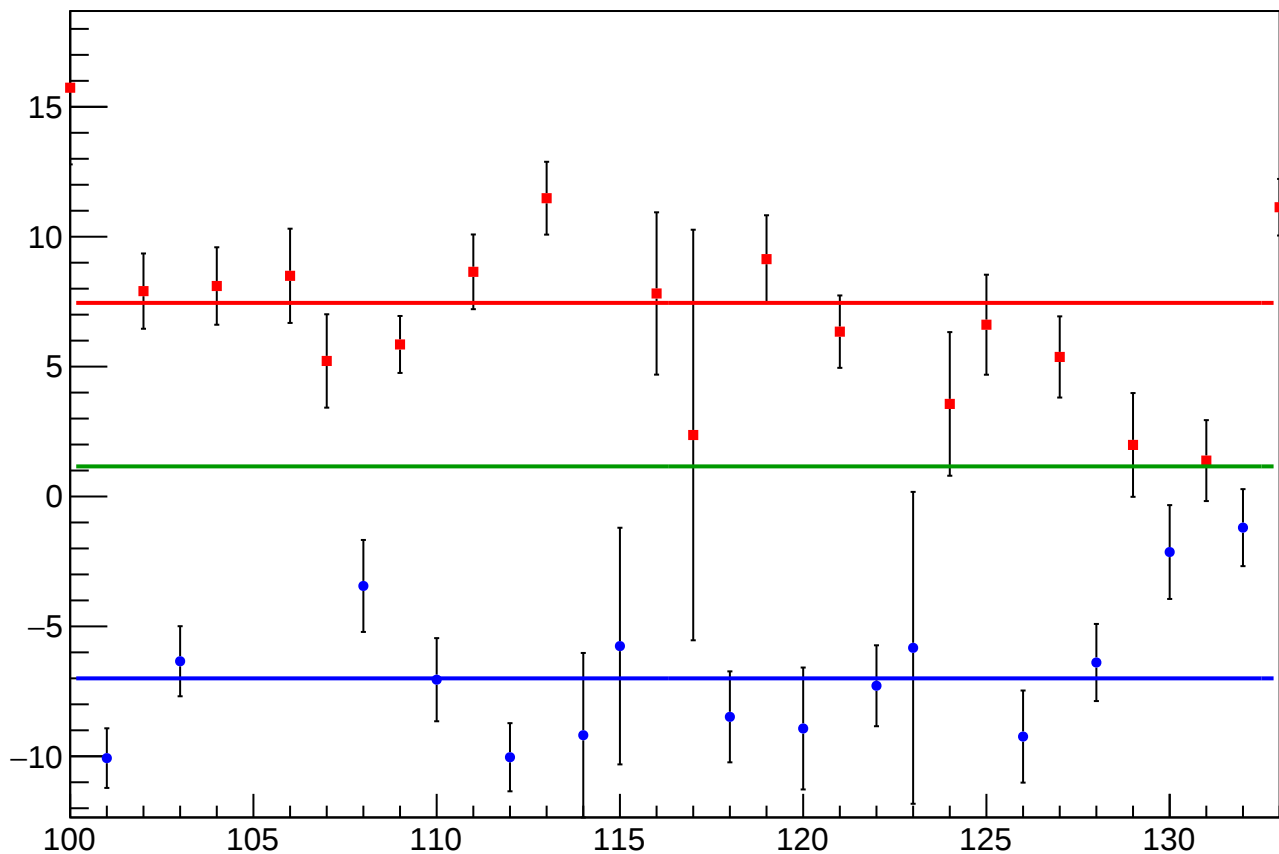
-2.018+/-0.049 χ^2/NDF : 199672.6/32

-7.924+/-0.071 χ^2/NDF : 101753.8/17

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.001 $\pm$ 0.437 χ^2/NDF : 43.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 7.453 $\pm$ 0.384 χ^2/NDF : 61.2/17

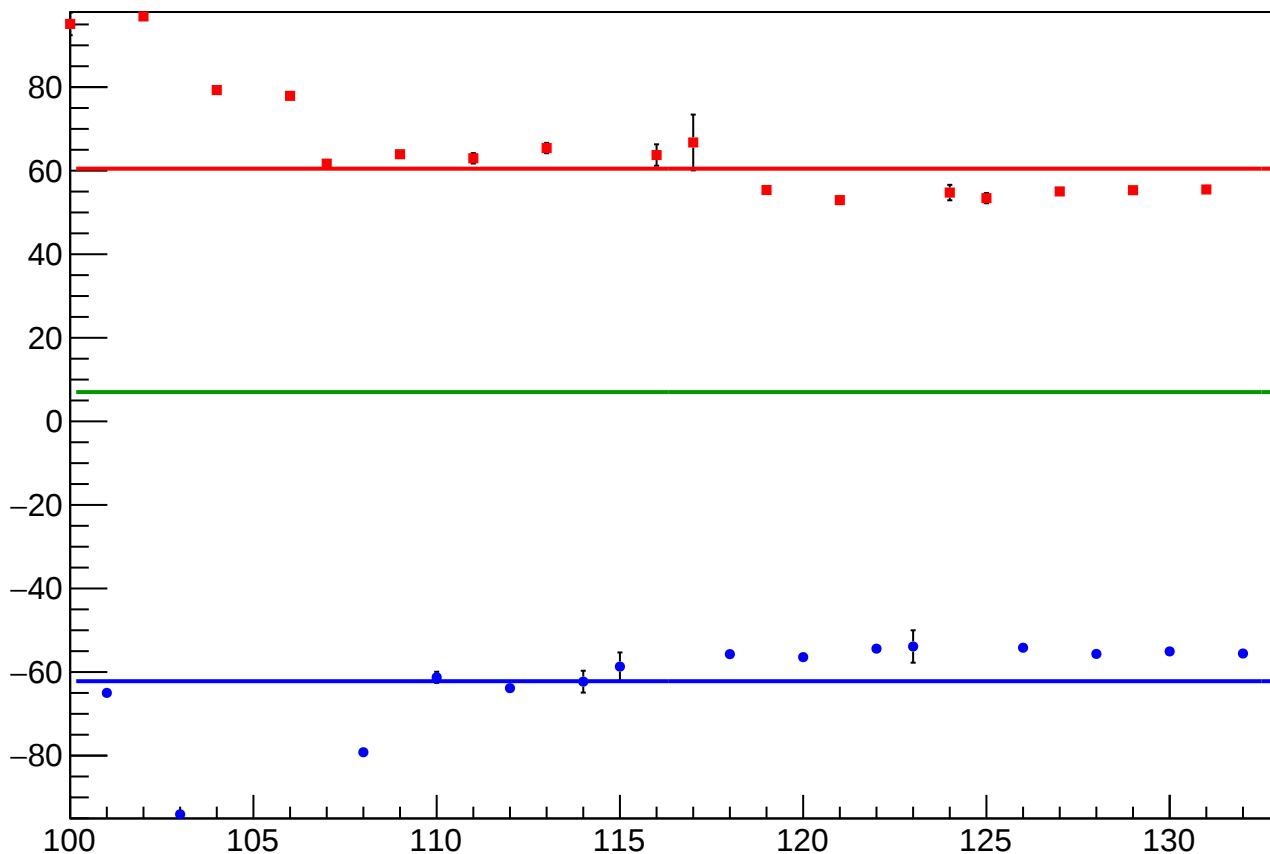
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-7.001 $\pm$ 0.437 χ^2/NDF : 43.1/14

1.159 $\pm$ 0.289 χ^2/NDF : 721.1/32

7.453 $\pm$ 0.384 χ^2/NDF : 61.2/17

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: 60.480+/-0.229 χ^2/NDF : 2772.6/17

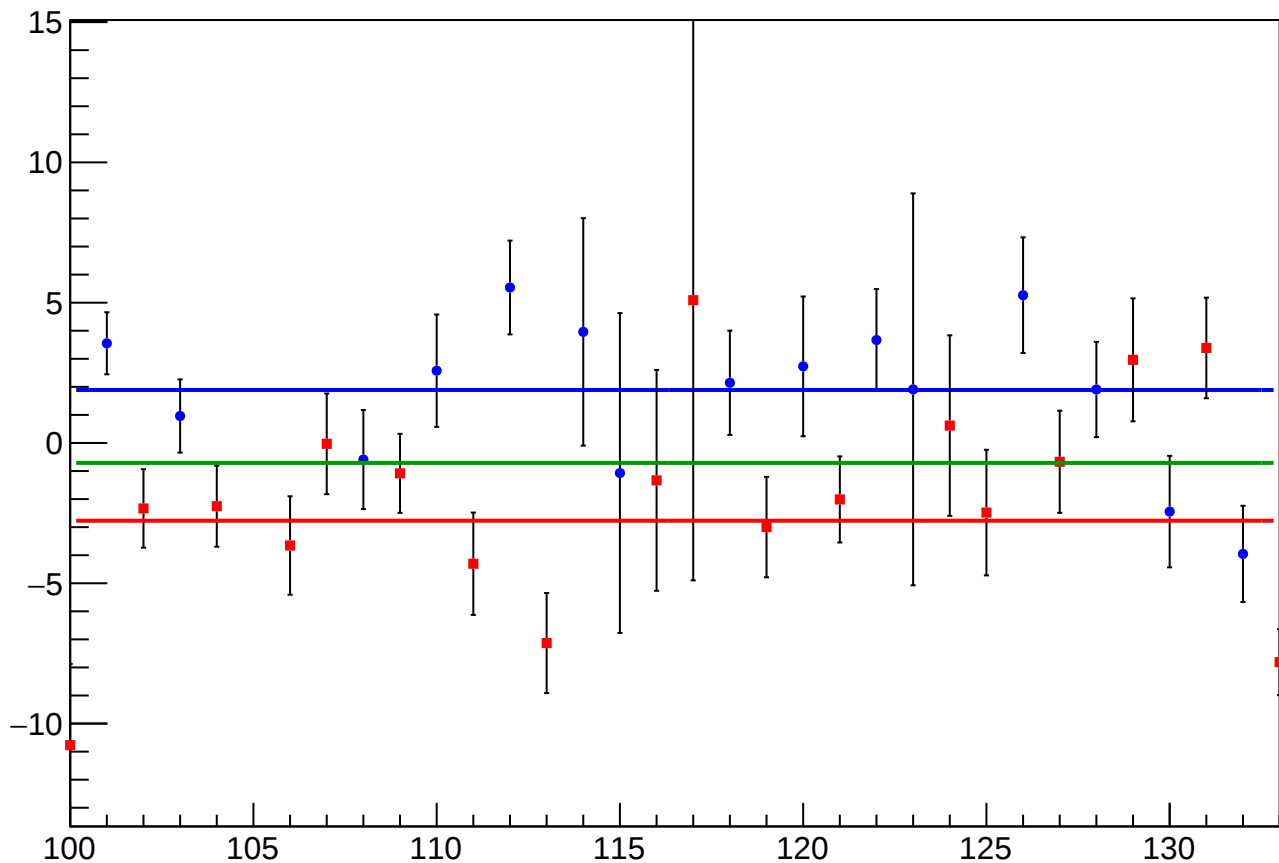
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.191+/-0.260 χ^2/NDF : 1682.0/14

7.008+/-0.172 χ^2/NDF : 129900.5/32

60.480+/-0.229 χ^2/NDF : 2772.6/17

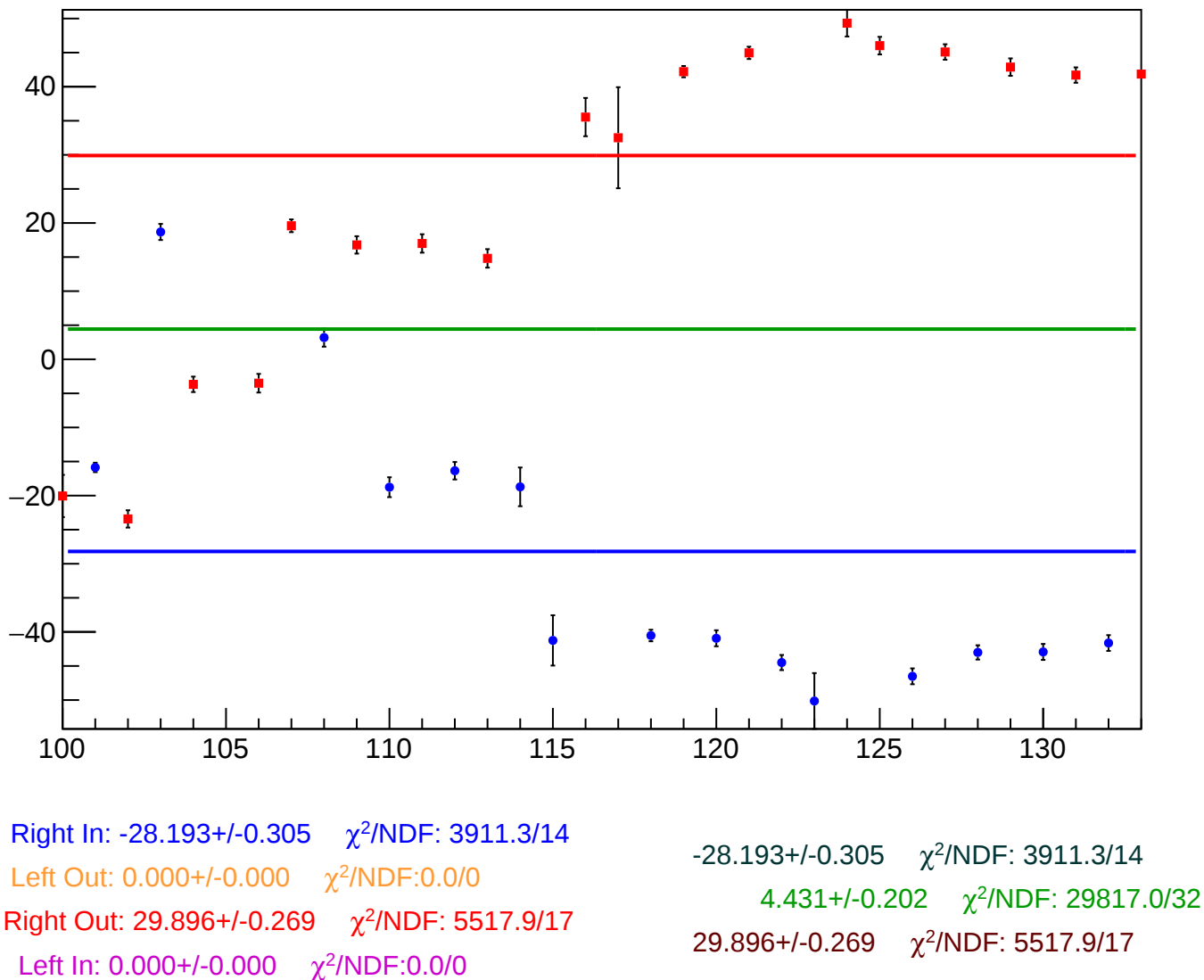
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



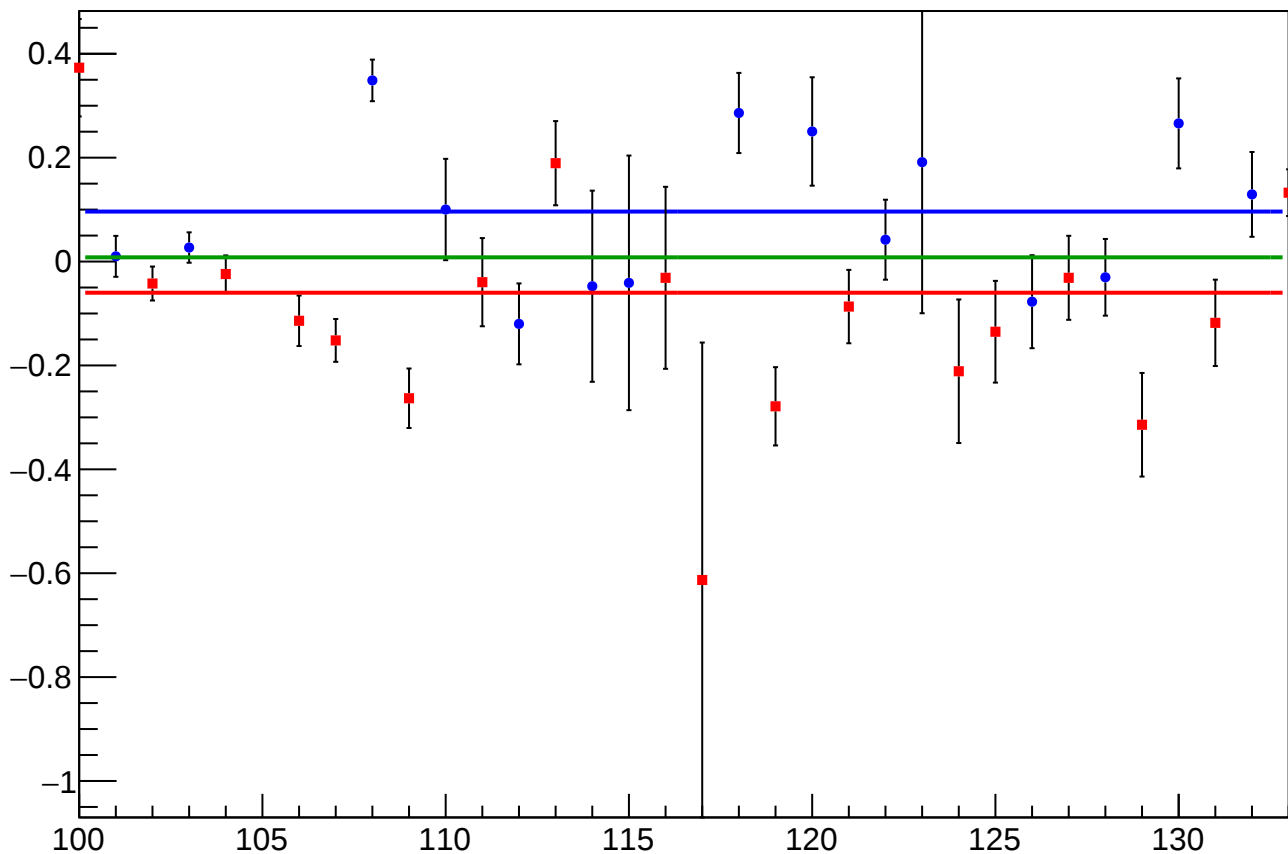
Right In: 1.889 $\pm$ 0.478 χ^2 /NDF: 30.3/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -2.771 $\pm$ 0.426 χ^2 /NDF: 59.1/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.889 $\pm$ 0.478 χ^2 /NDF: 30.3/14
 -0.710 $\pm$ 0.318 χ^2 /NDF: 142.4/32
 -2.771 $\pm$ 0.426 χ^2 /NDF: 59.1/17

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 $\pm$ 0.016 χ^2 /NDF: 78.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.060 $\pm$ 0.014 χ^2 /NDF: 88.2/17

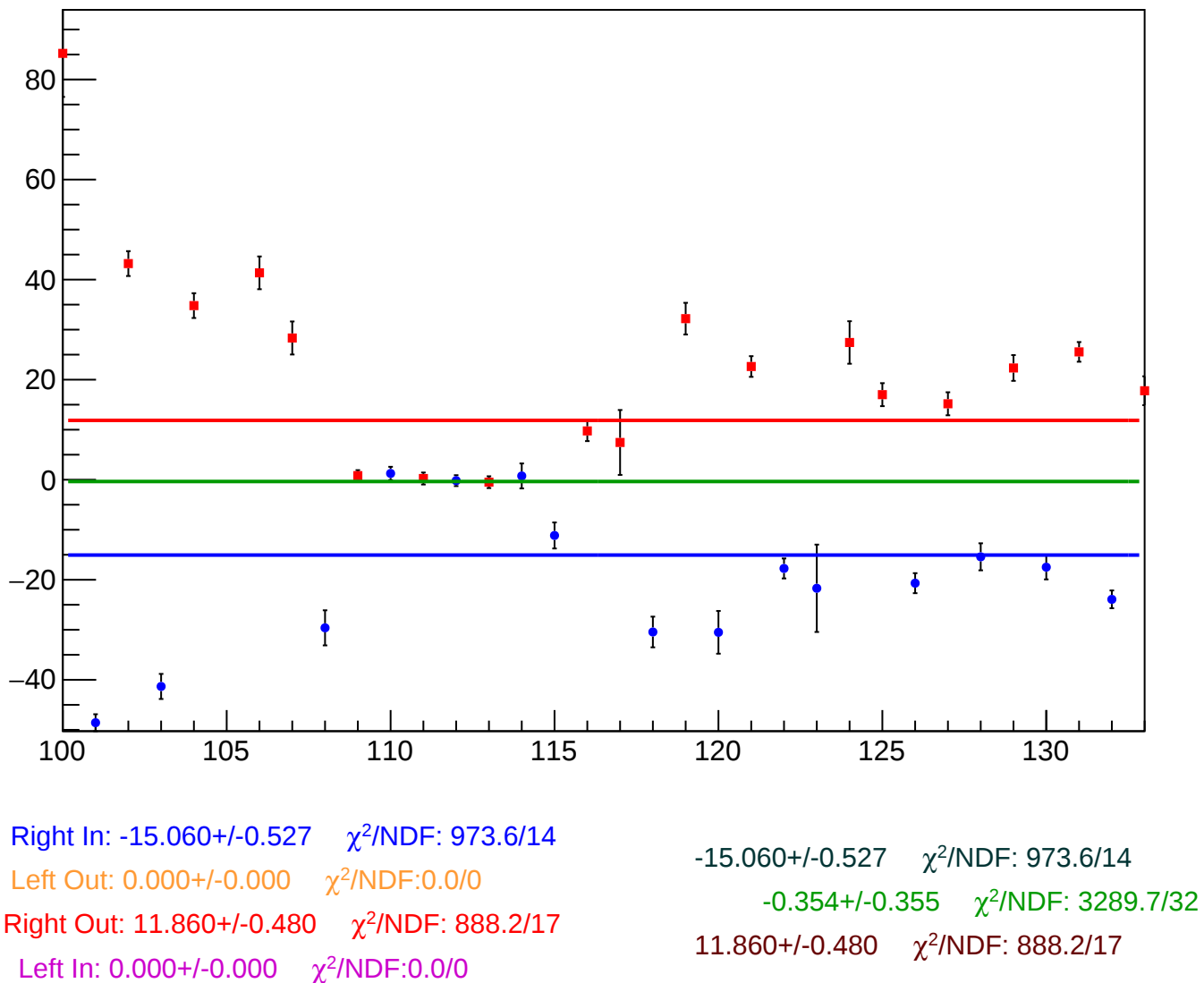
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.096 $\pm$ 0.016 χ^2 /NDF: 78.4/14

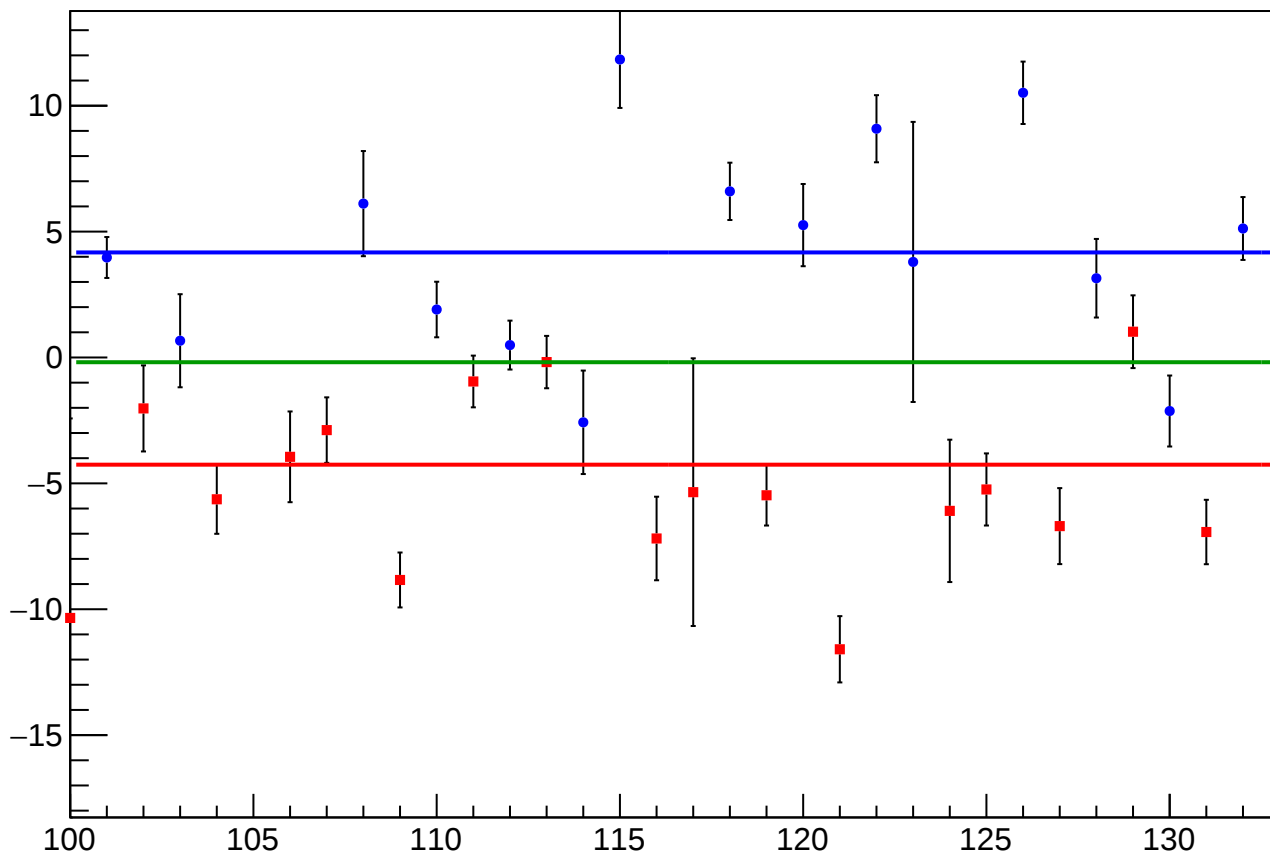
0.008 $\pm$ 0.011 χ^2 /NDF: 218.7/32

-0.060 $\pm$ 0.014 χ^2 /NDF: 88.2/17

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 ± 0.346 χ^2/NDF : 115.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.258 ± 0.334 χ^2/NDF : 119.5/17

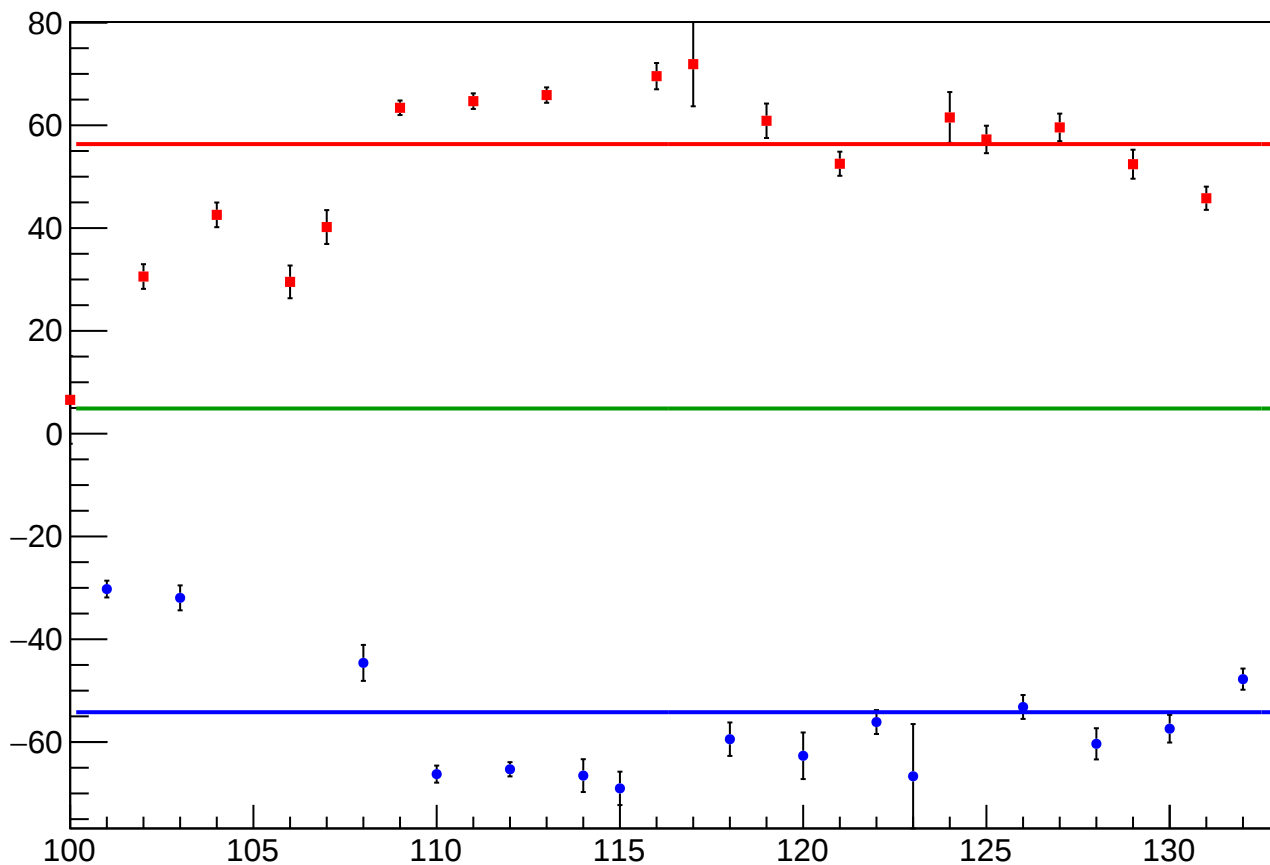
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.173 ± 0.346 χ^2/NDF : 115.5/14

-0.188 ± 0.240 χ^2/NDF : 542.7/32

-4.258 ± 0.334 χ^2/NDF : 119.5/17

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: 56.342 $\pm$ 0.567 χ^2 /NDF: 434.2/17

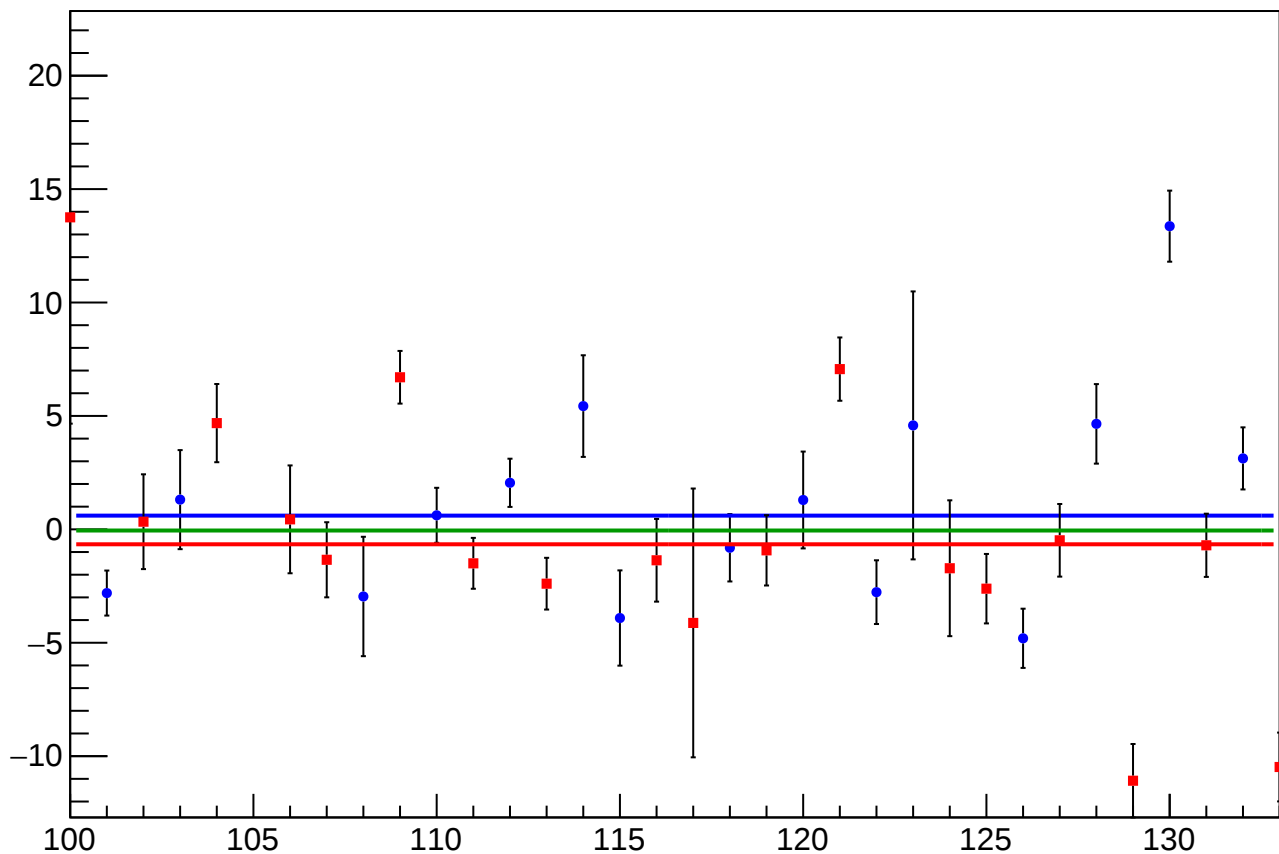
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.194 $\pm$ 0.607 χ^2 /NDF: 484.1/14

4.898 $\pm$ 0.414 χ^2 /NDF: 18630.1/32

56.342 $\pm$ 0.567 χ^2 /NDF: 434.2/17

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.605+/-0.395 χ^2/NDF : 124.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.659+/-0.380 χ^2/NDF : 172.1/17

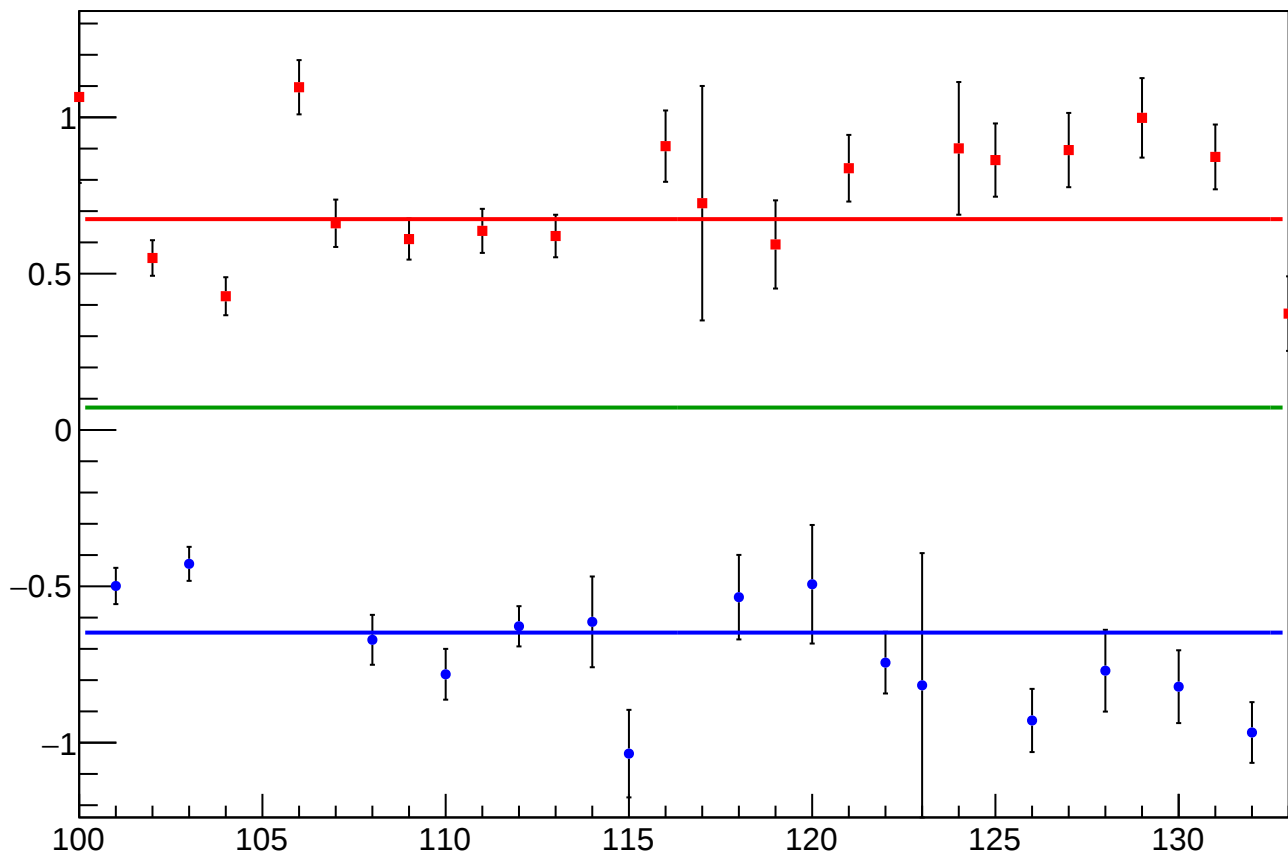
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.605+/-0.395 χ^2/NDF : 124.4/14

-0.052+/-0.274 χ^2/NDF : 301.8/32

-0.659+/-0.380 χ^2/NDF : 172.1/17

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.648±/-0.023 χ^2/NDF : 57.6/14

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.674±/-0.022 χ^2/NDF : 79.4/17

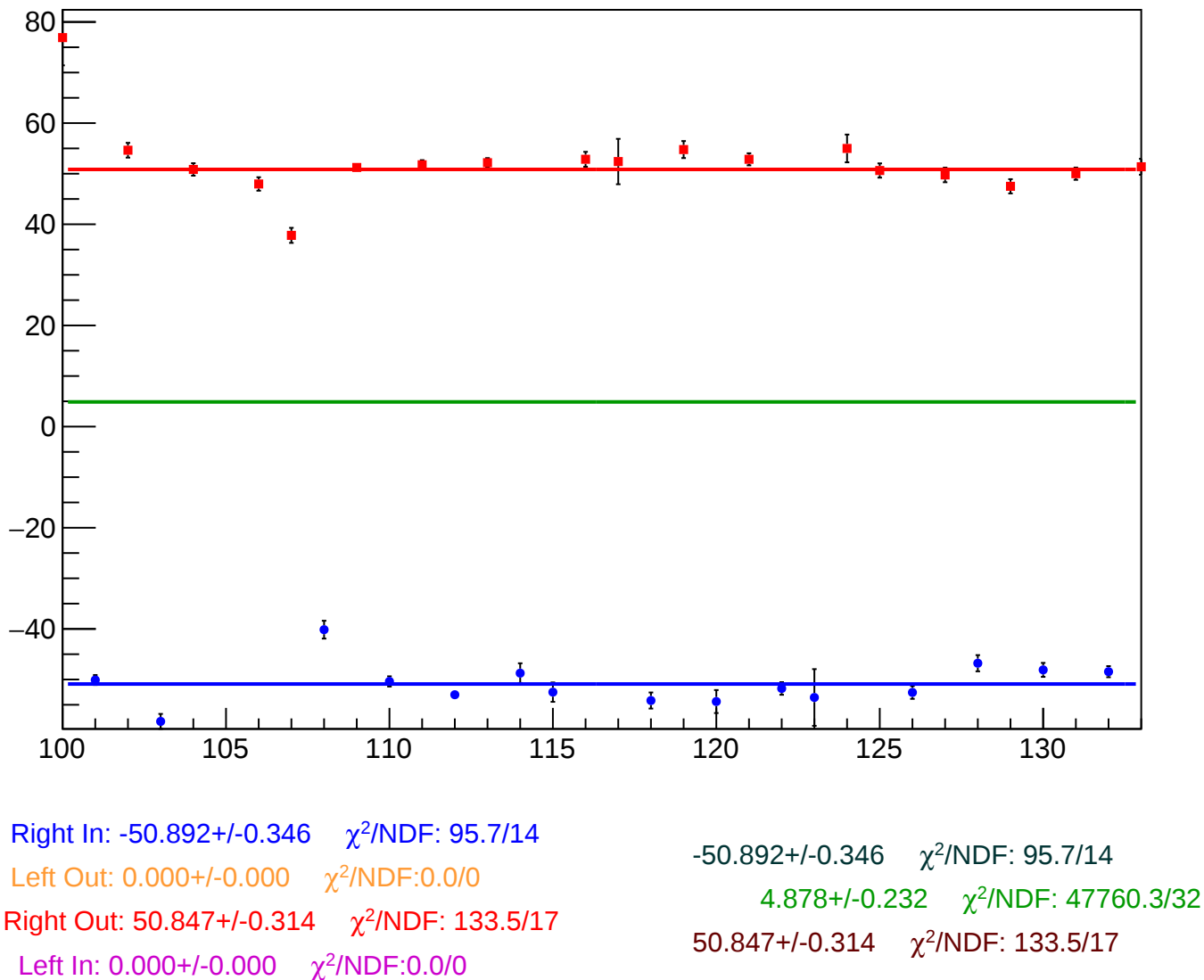
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-0.648±/-0.023 χ^2/NDF : 57.6/14

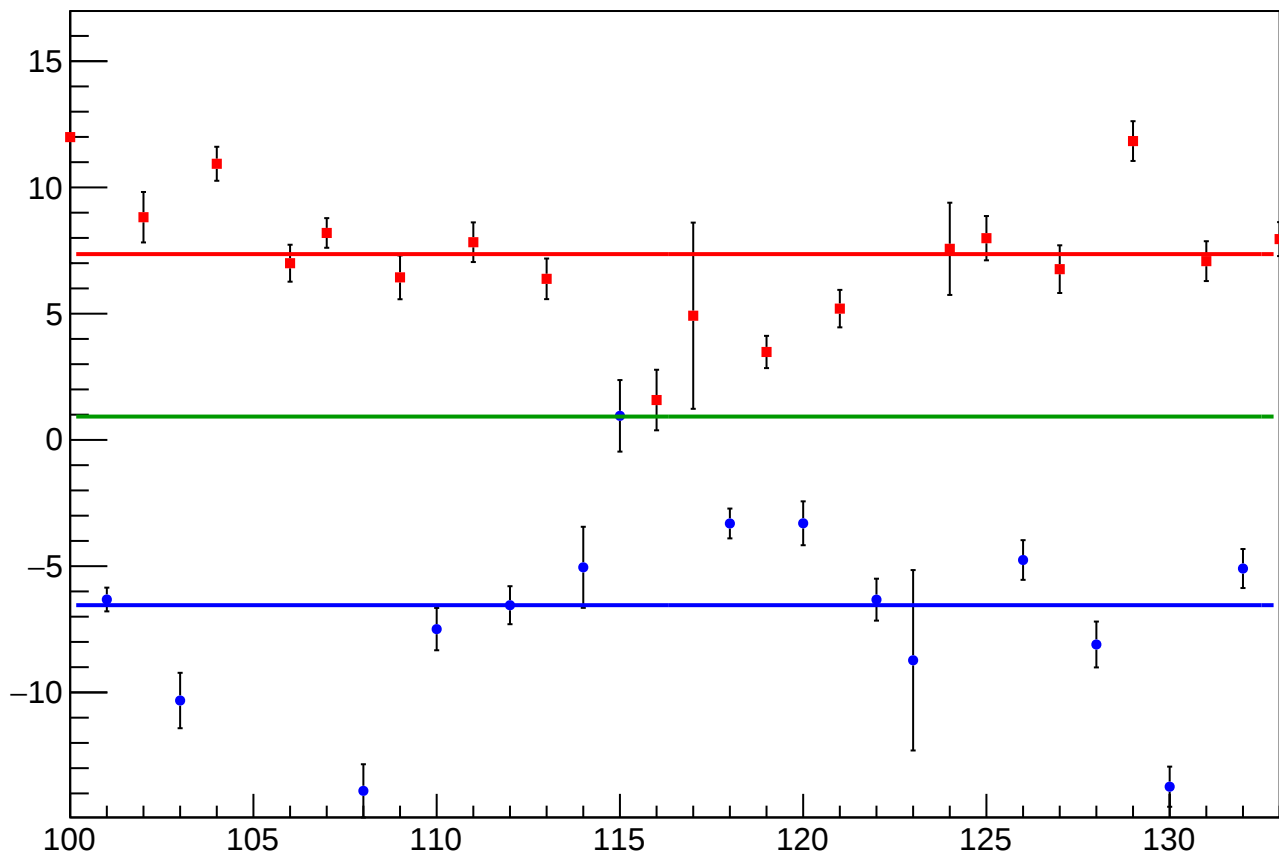
0.072±/-0.016 χ^2/NDF : 1860.8/32

0.674±/-0.022 χ^2/NDF : 79.4/17

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: 7.359+/-0.197 χ^2 /NDF: 139.6/17

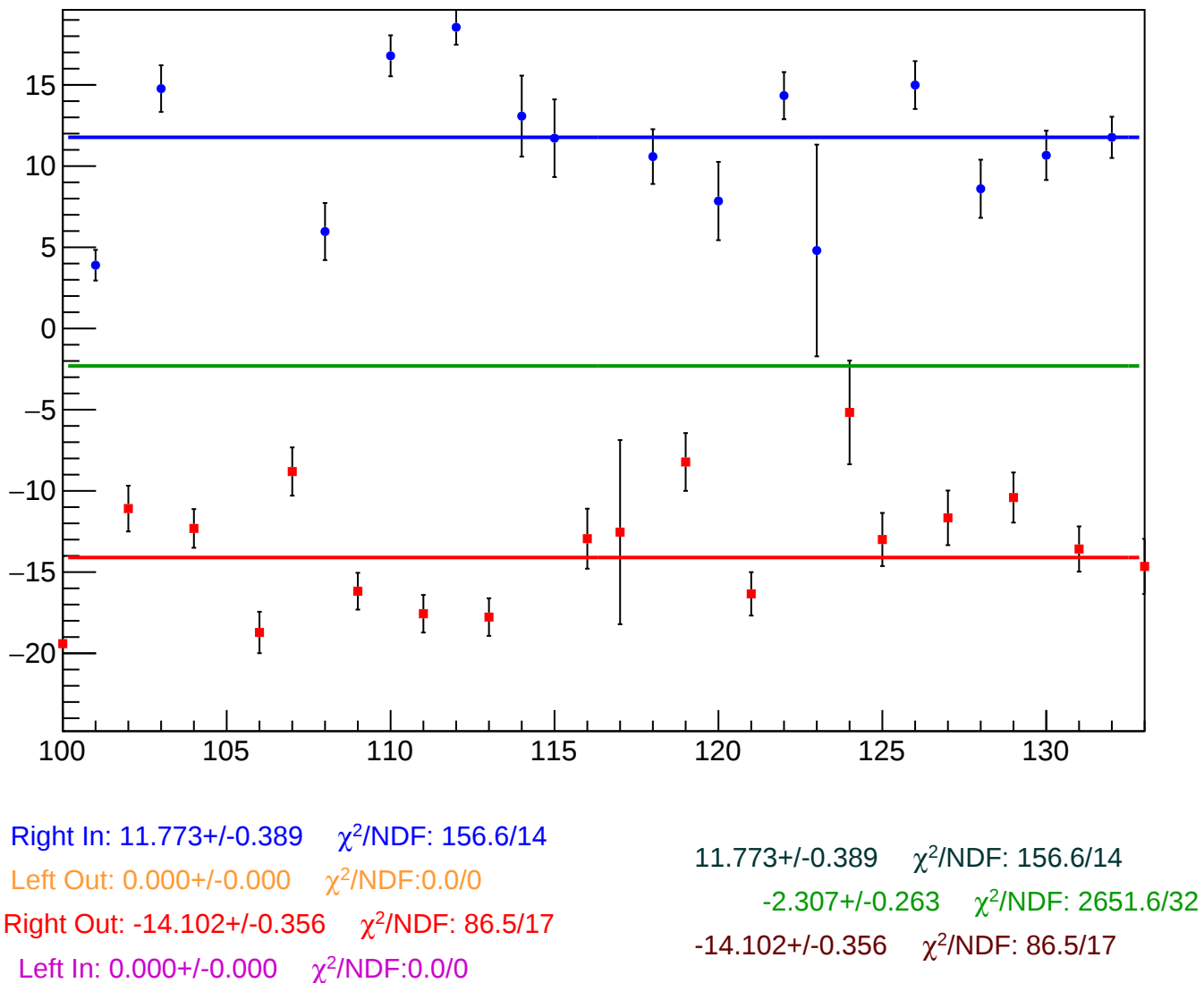
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.545+/-0.213 χ^2 /NDF: 228.8/14

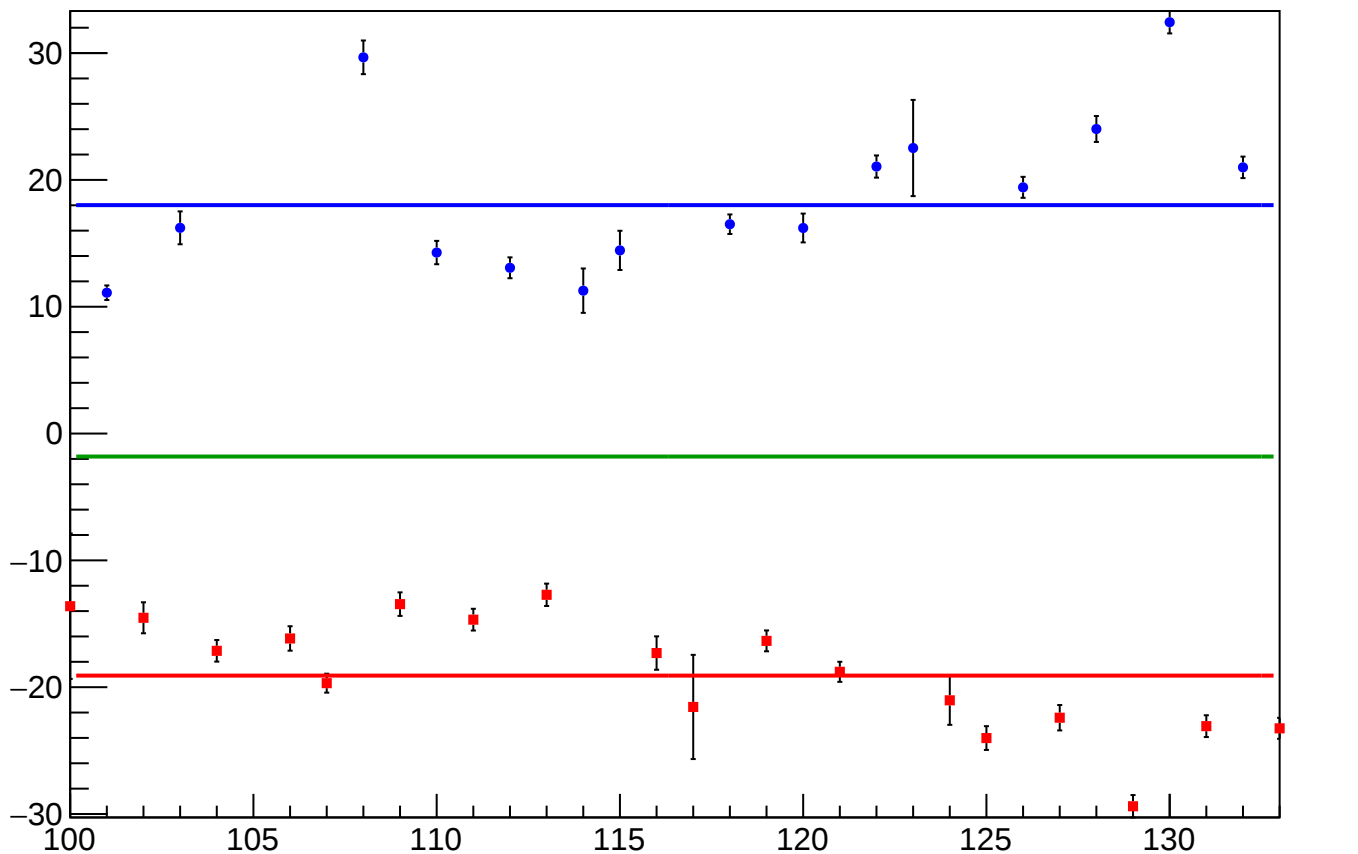
0.925+/-0.145 χ^2 /NDF: 2668.4/32

7.359+/-0.197 χ^2 /NDF: 139.6/17

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -19.086+/-0.230 χ^2 /NDF: 381.6/17

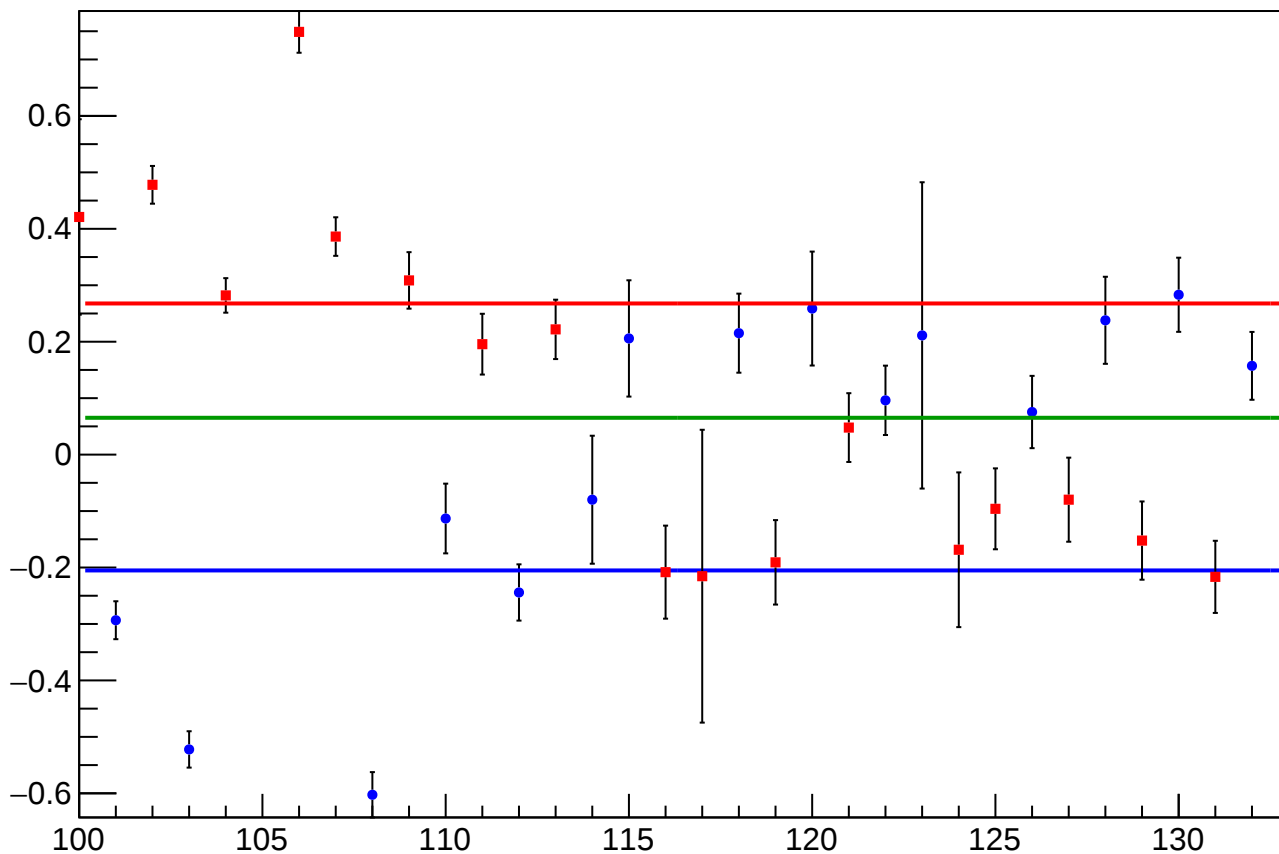
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.011+/-0.246 χ^2 /NDF: 632.9/14

-1.813+/-0.168 χ^2 /NDF: 13169.8/32

-19.086+/-0.230 χ^2 /NDF: 381.6/17

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: 0.268 ± 0.012 χ^2/NDF : 477.5/17

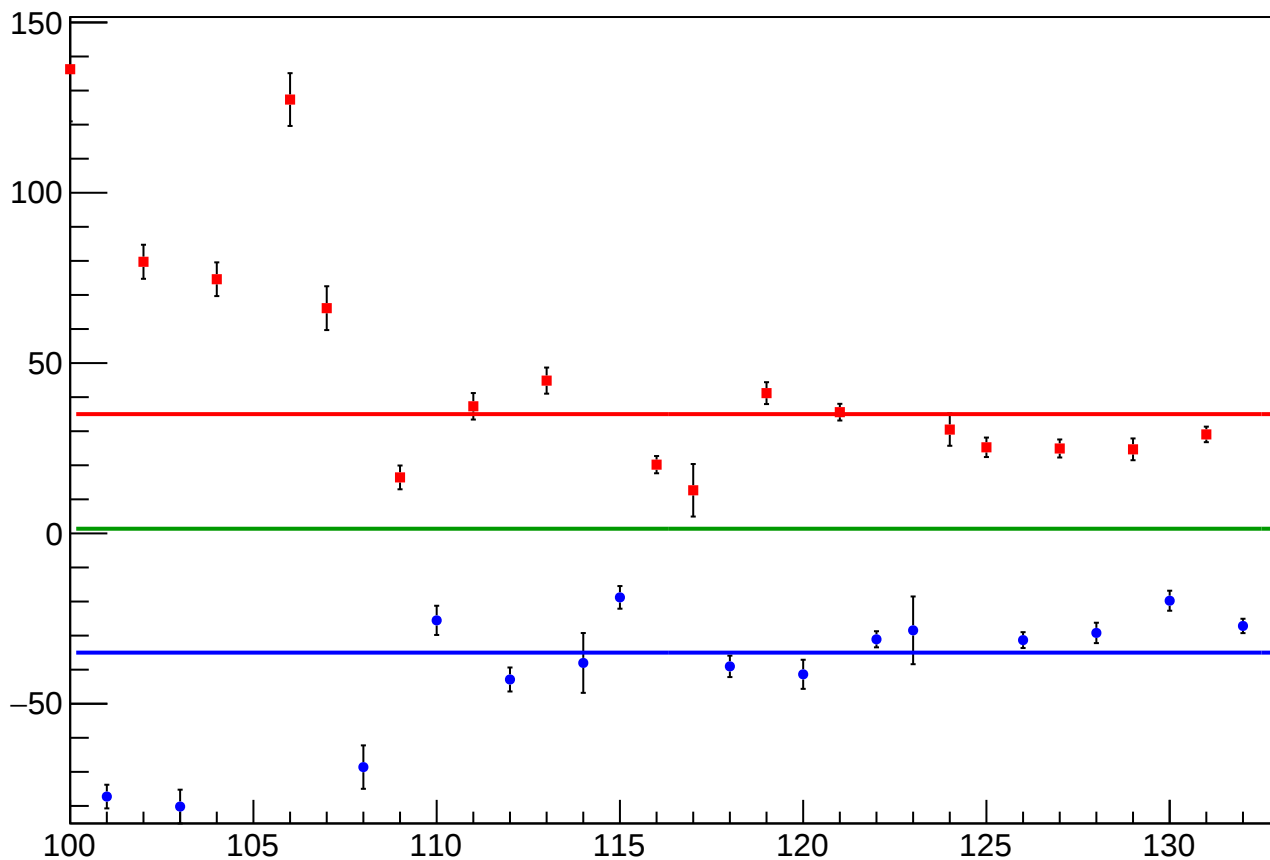
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.205 ± 0.014 χ^2/NDF : 449.1/14

0.065 ± 0.009 χ^2/NDF : 1541.5/32

0.268 ± 0.012 χ^2/NDF : 477.5/17

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: 35.018 ± 0.822 χ^2/NDF : 503.2/17

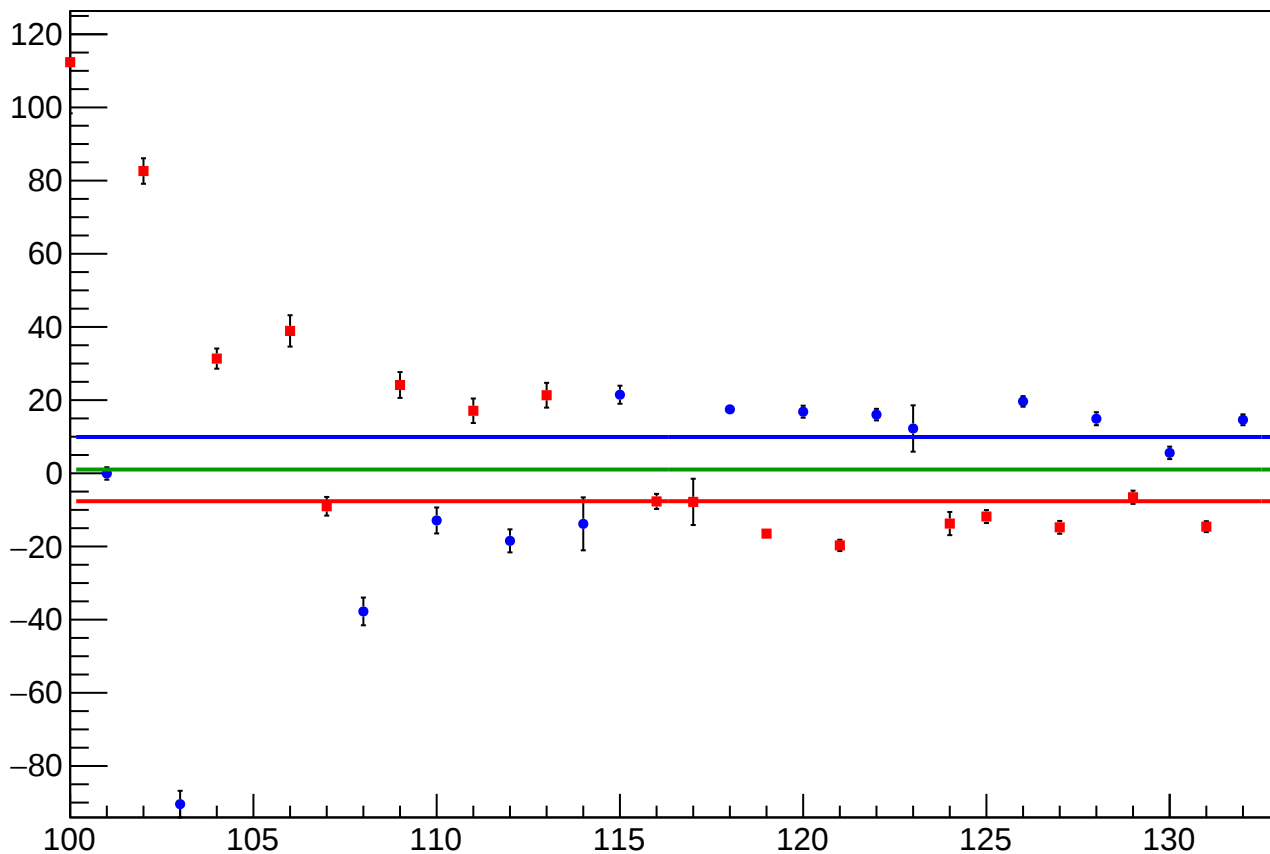
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.996 ± 0.855 χ^2/NDF : 346.7/14

1.373 ± 0.593 χ^2/NDF : 4335.3/32

35.018 ± 0.822 χ^2/NDF : 503.2/17

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: -7.628+/-0.495 χ^2/NDF : 1470.0/17

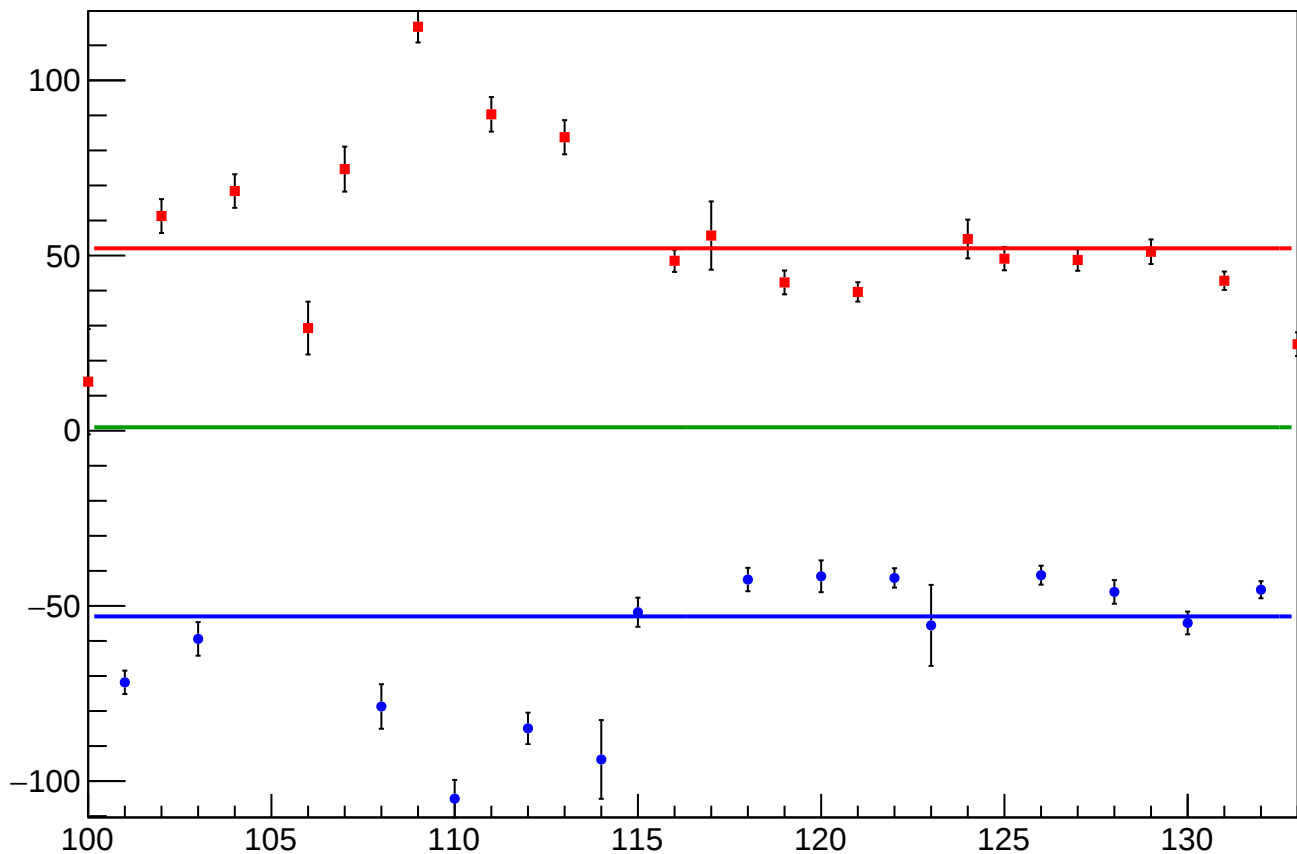
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.920+/-0.501 χ^2/NDF : 1251.3/14

1.032+/-0.352 χ^2/NDF : 3342.4/32

-7.628+/-0.495 χ^2/NDF : 1470.0/17

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: 52.068 $\pm$ 0.939 χ^2 /NDF: 454.0/17

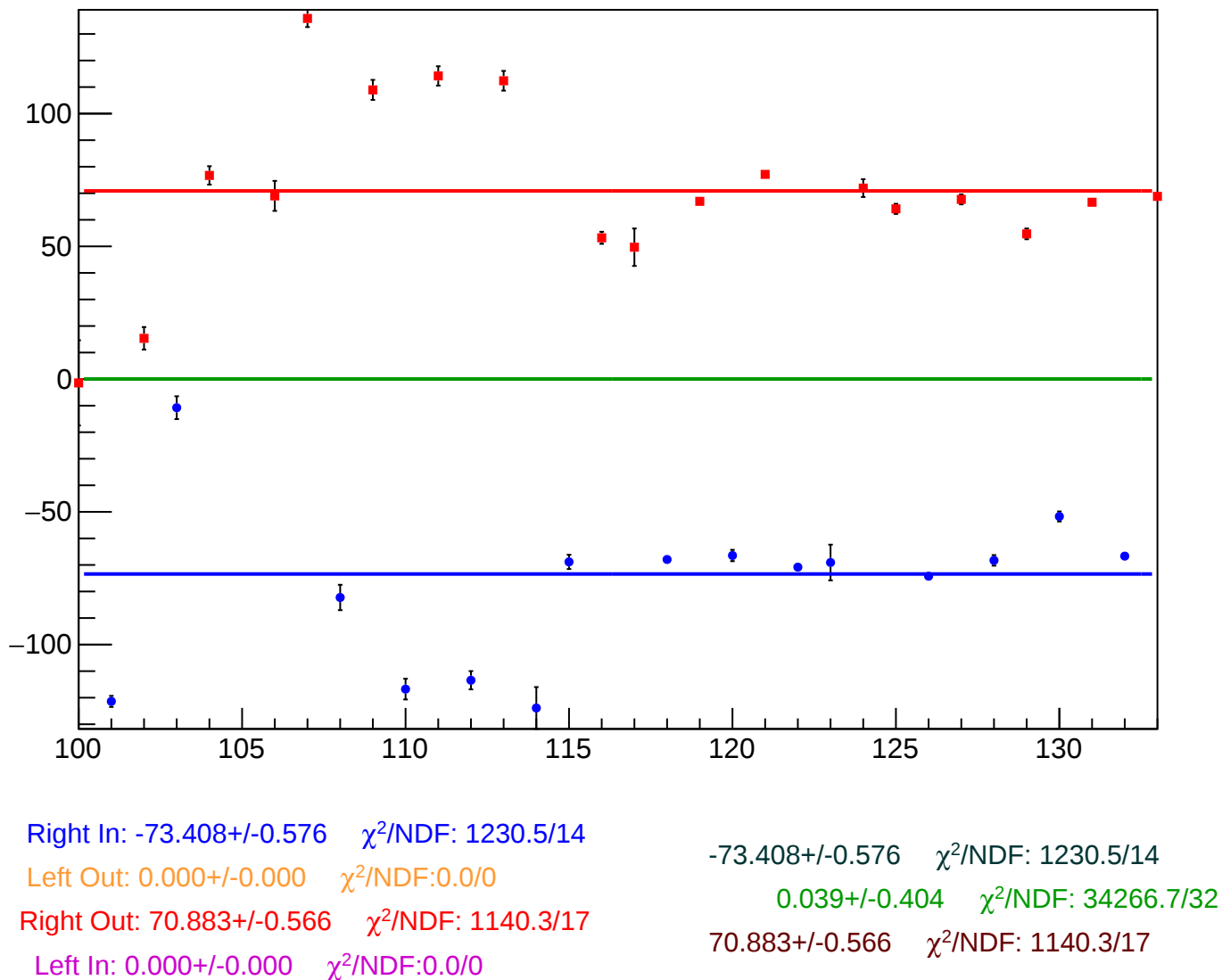
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.996 $\pm$ 0.965 χ^2 /NDF: 273.7/14

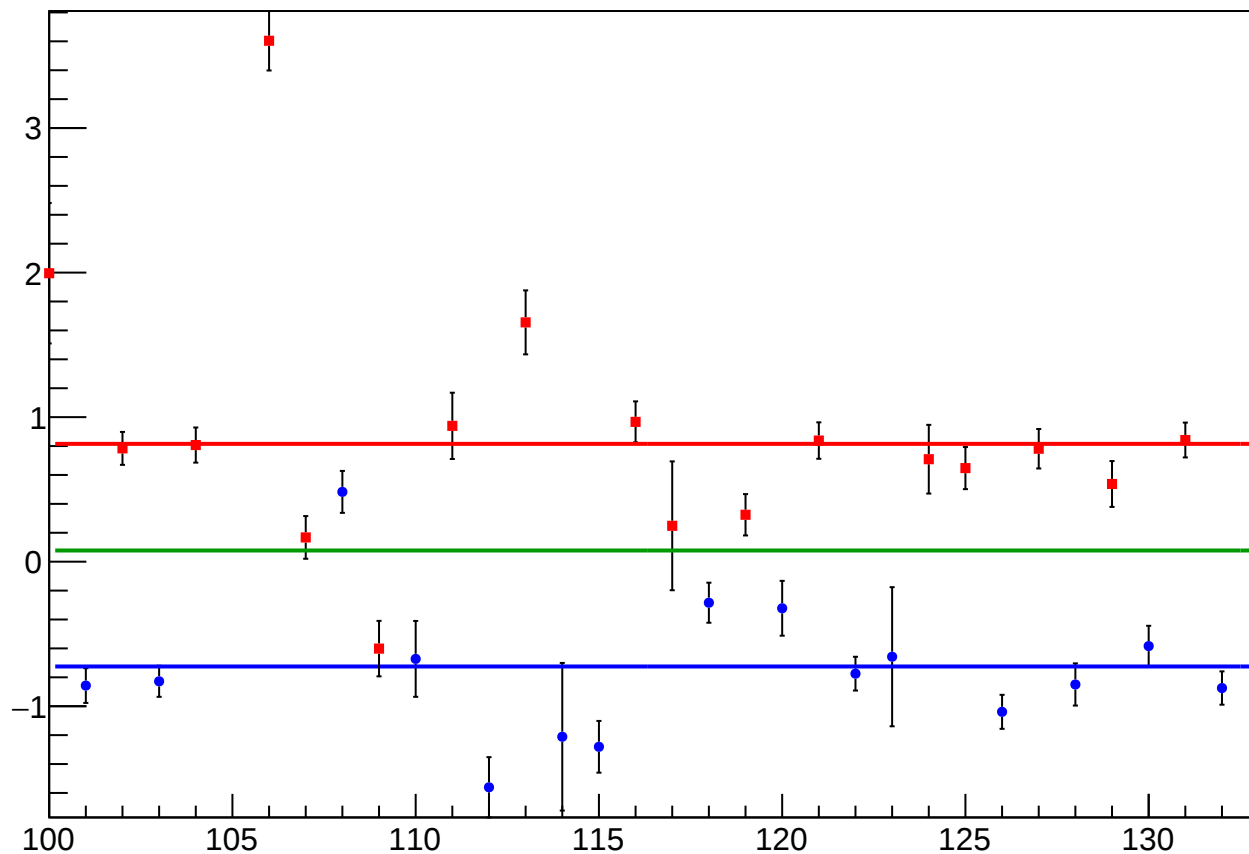
0.984 $\pm$ 0.673 χ^2 /NDF: 6815.9/32

52.068 $\pm$ 0.939 χ^2 /NDF: 454.0/17

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: 0.815 ± 0.037 χ^2/NDF : 303.7/17

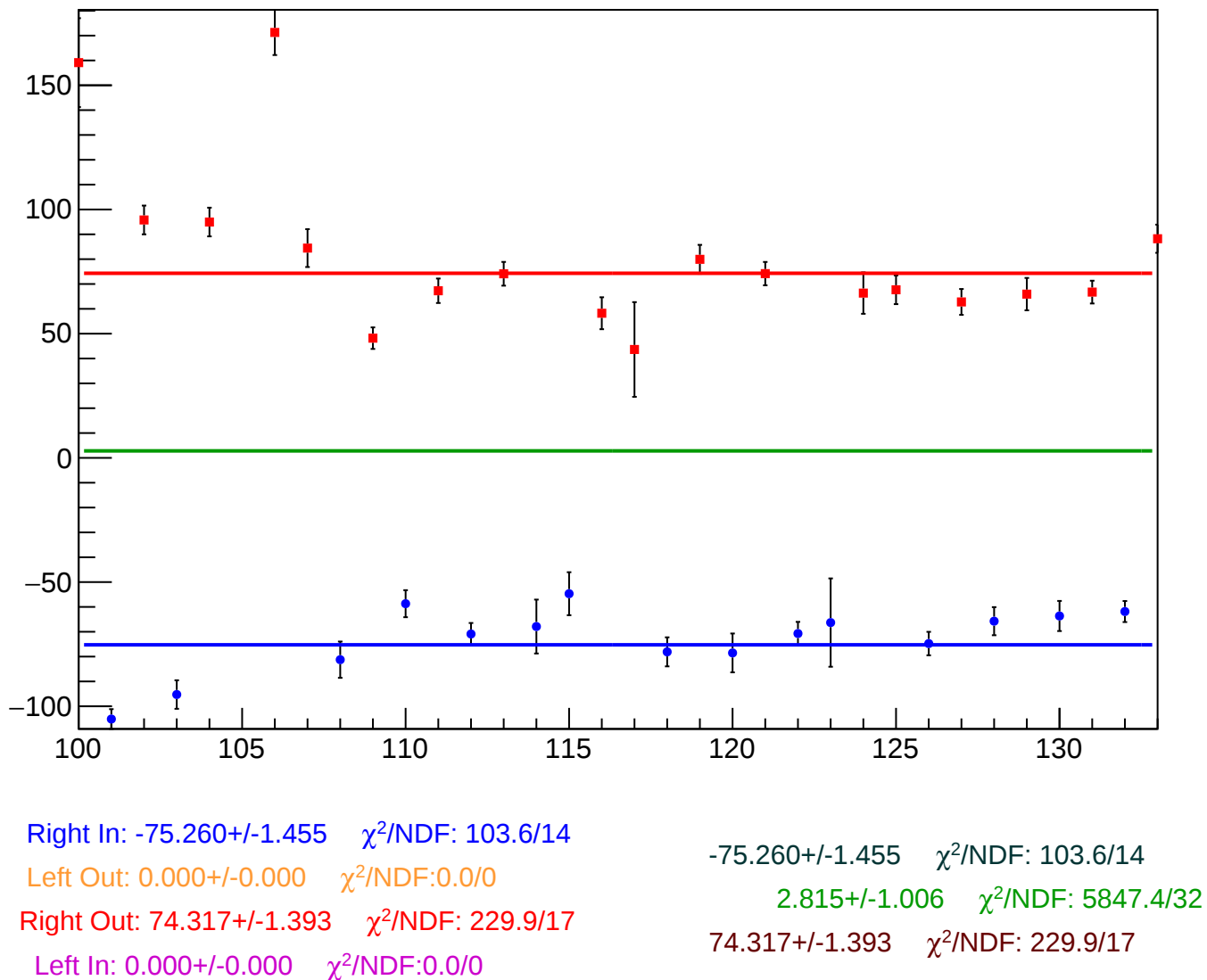
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.725 ± 0.038 χ^2/NDF : 123.5/14

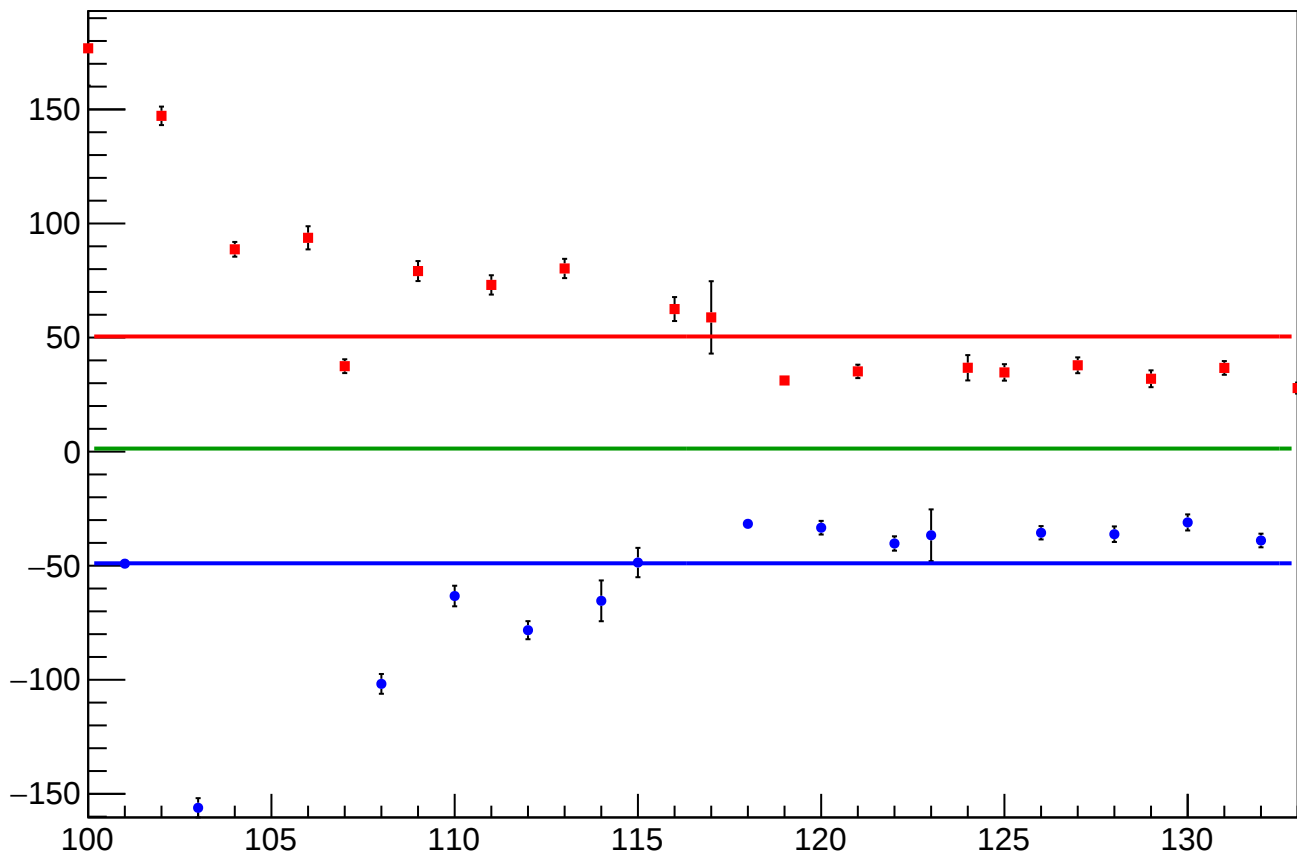
0.077 ± 0.027 χ^2/NDF : 1266.1/32

0.815 ± 0.037 χ^2/NDF : 303.7/17

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 $\chi^2/\text{NDF}: 1030.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 50.476 ± 0.851 $\chi^2/\text{NDF}: 1260.8/17$

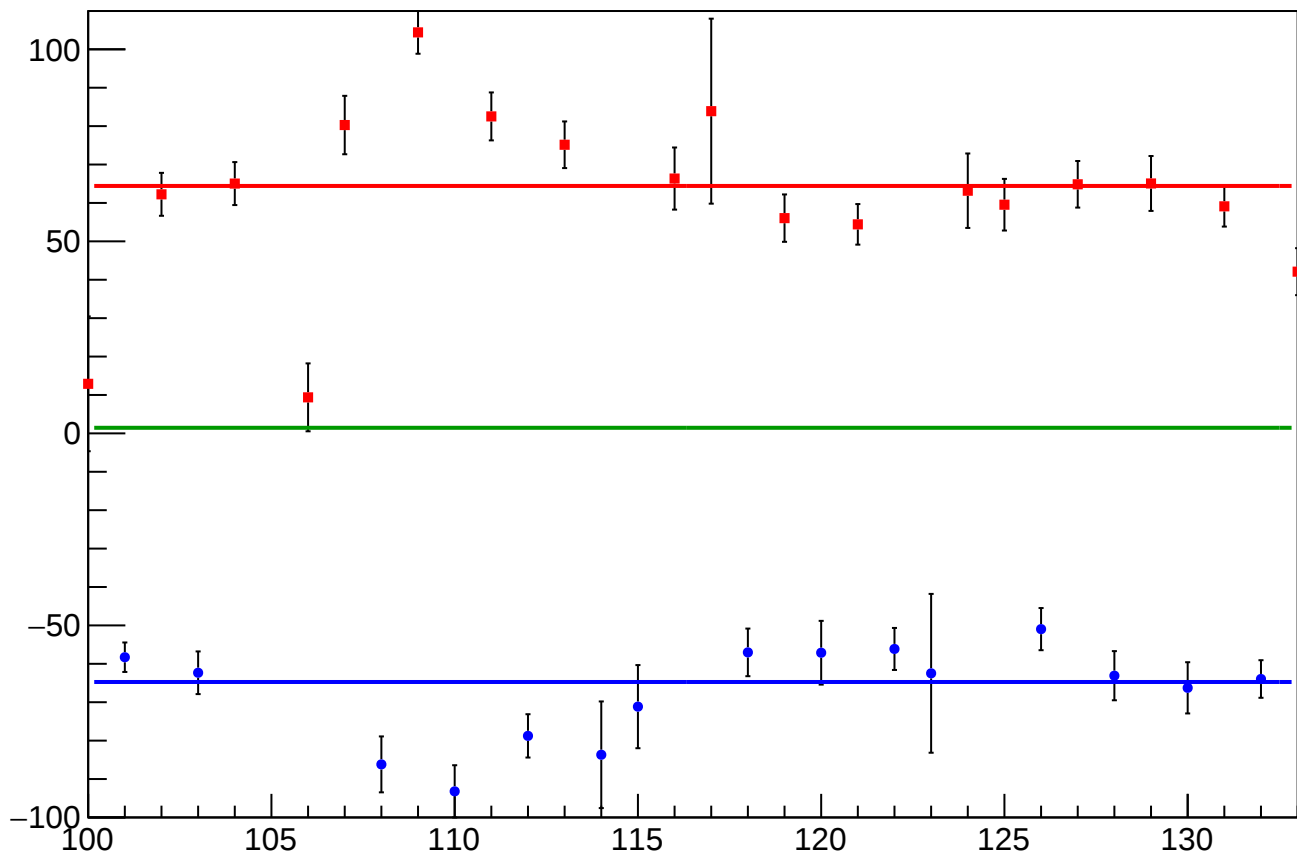
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-48.944 ± 0.862 $\chi^2/\text{NDF}: 1030.8/14$

1.352 ± 0.606 $\chi^2/\text{NDF}: 9027.6/32$

50.476 ± 0.851 $\chi^2/\text{NDF}: 1260.8/17$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.733 $\pm$ 1.614 χ^2 /NDF: 48.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.424 $\pm$ 1.574 χ^2 /NDF: 136.1/17

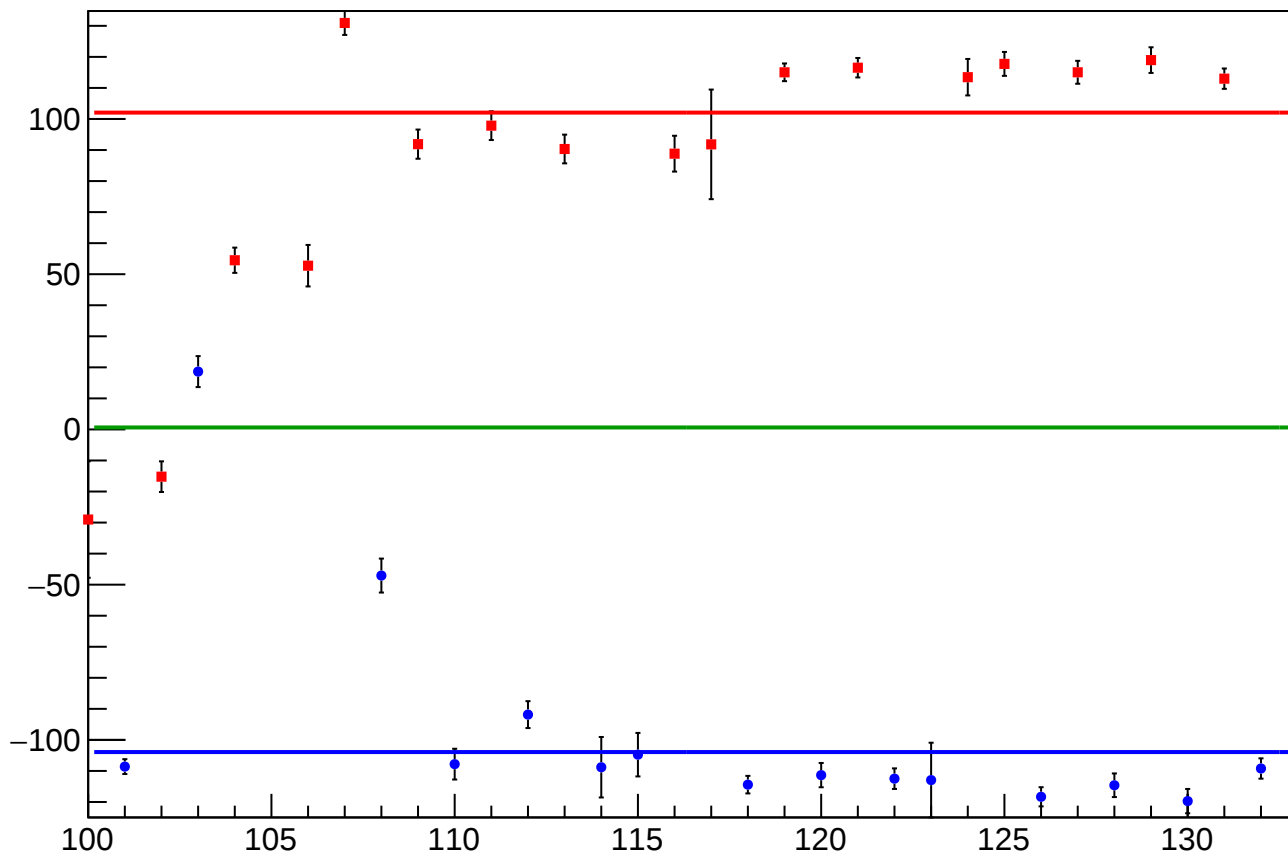
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.733 $\pm$ 1.614 χ^2 /NDF: 48.9/14

1.455 $\pm$ 1.127 χ^2 /NDF: 3468.3/32

64.424 $\pm$ 1.574 χ^2 /NDF: 136.1/17

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: 102.052 ± 0.988 χ^2/NDF : 998.9/17

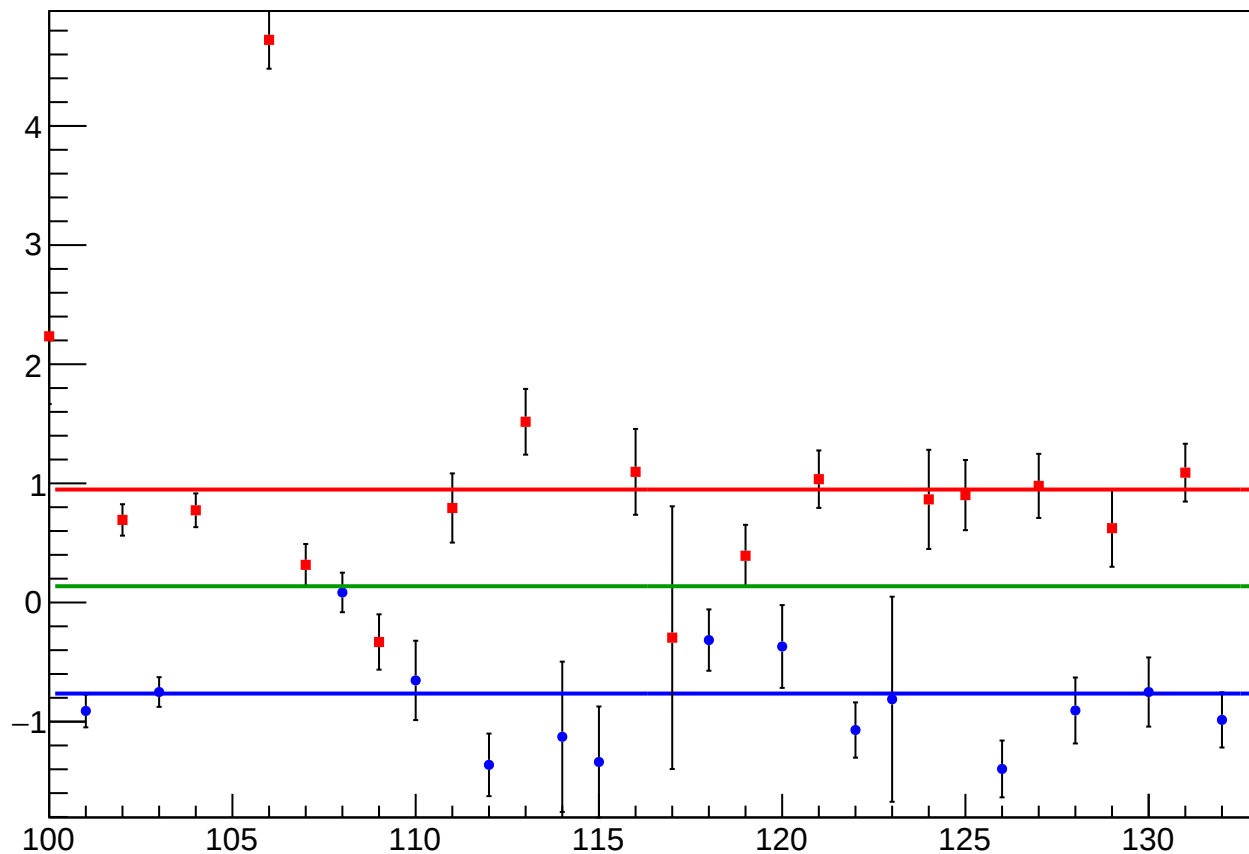
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-103.921 ± 1.003 χ^2/NDF : 796.3/14

0.635 ± 0.704 χ^2/NDF : 23207.2/32

102.052 ± 0.988 χ^2/NDF : 998.9/17

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: 0.948±/0.056 χ^2/NDF : 309.0/17

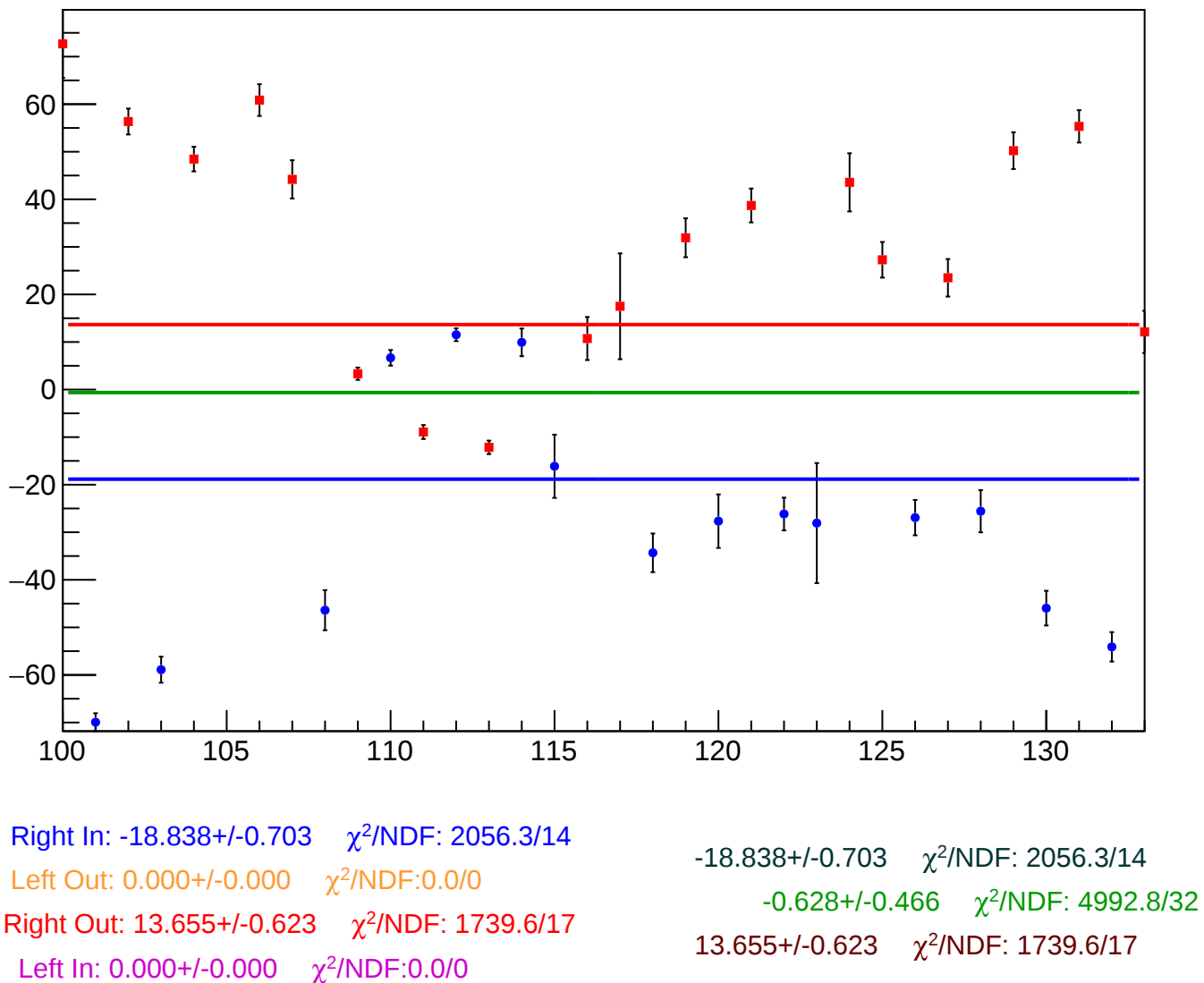
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-0.764±/0.059 χ^2/NDF : 48.7/14

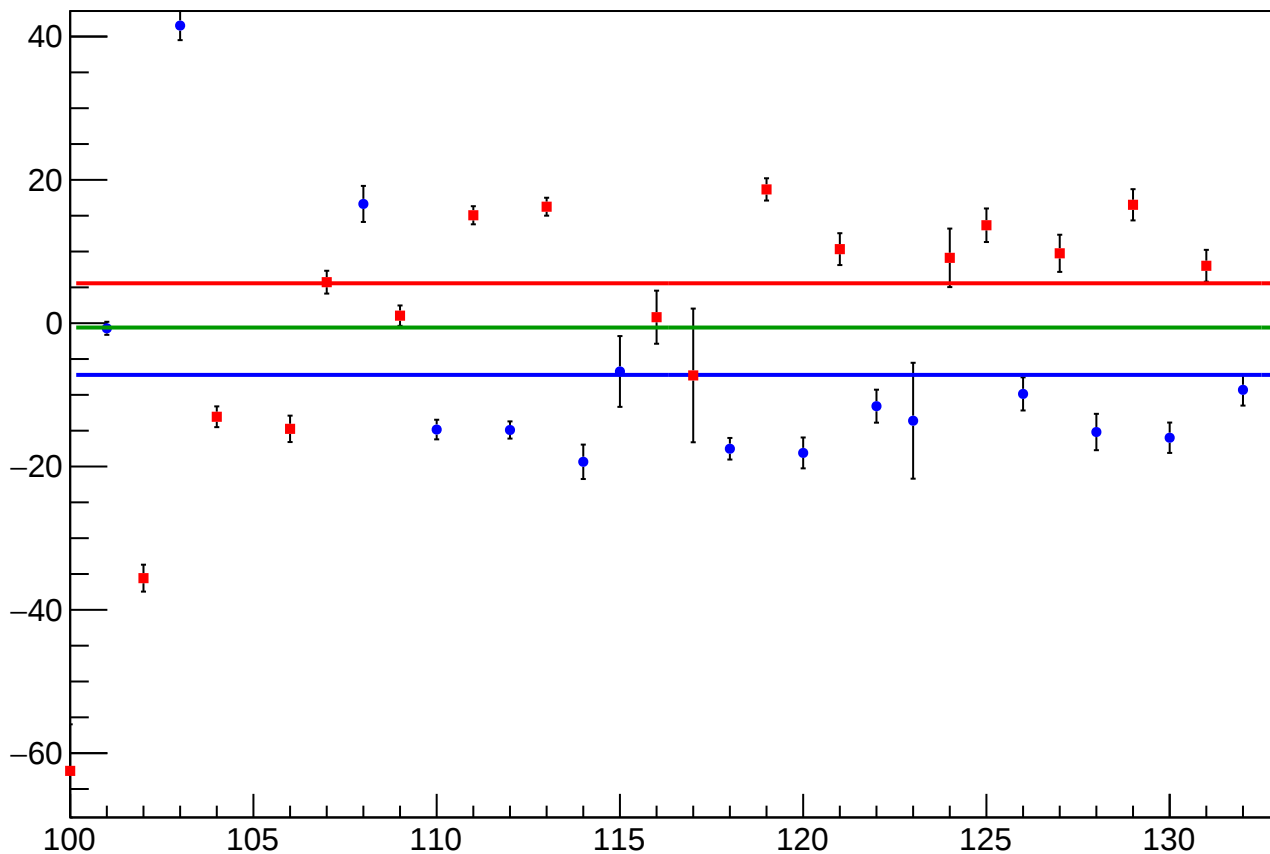
0.137±/0.041 χ^2/NDF : 802.7/32

0.948±/0.056 χ^2/NDF : 309.0/17

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



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: 5.568+/-0.447 χ^2/NDF : 1289.2/17

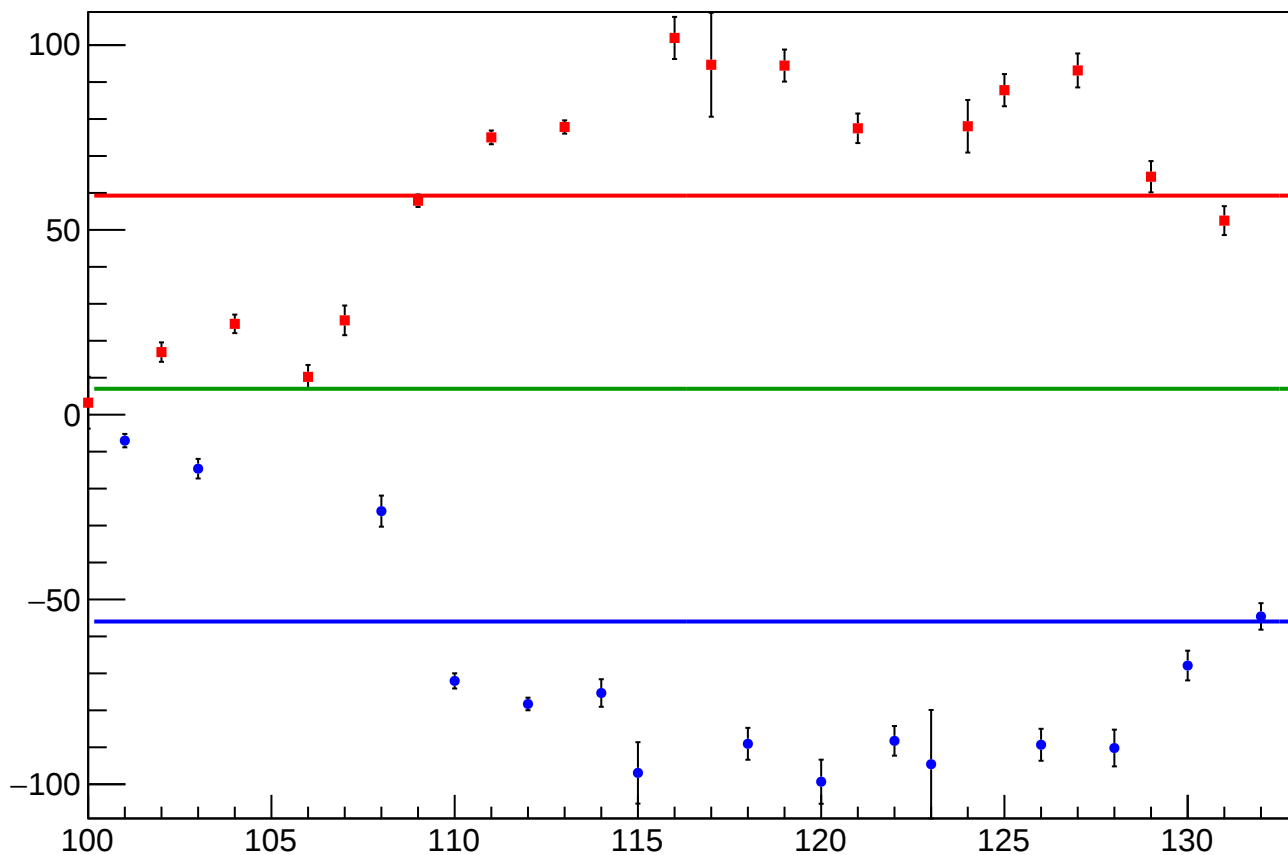
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.214+/-0.462 χ^2/NDF : 920.0/14

-0.605+/-0.321 χ^2/NDF : 2604.9/32

5.568+/-0.447 χ^2/NDF : 1289.2/17

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.965+/-0.803 χ^2/NDF : 1602.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.273+/-0.732 χ^2/NDF : 1342.2/17

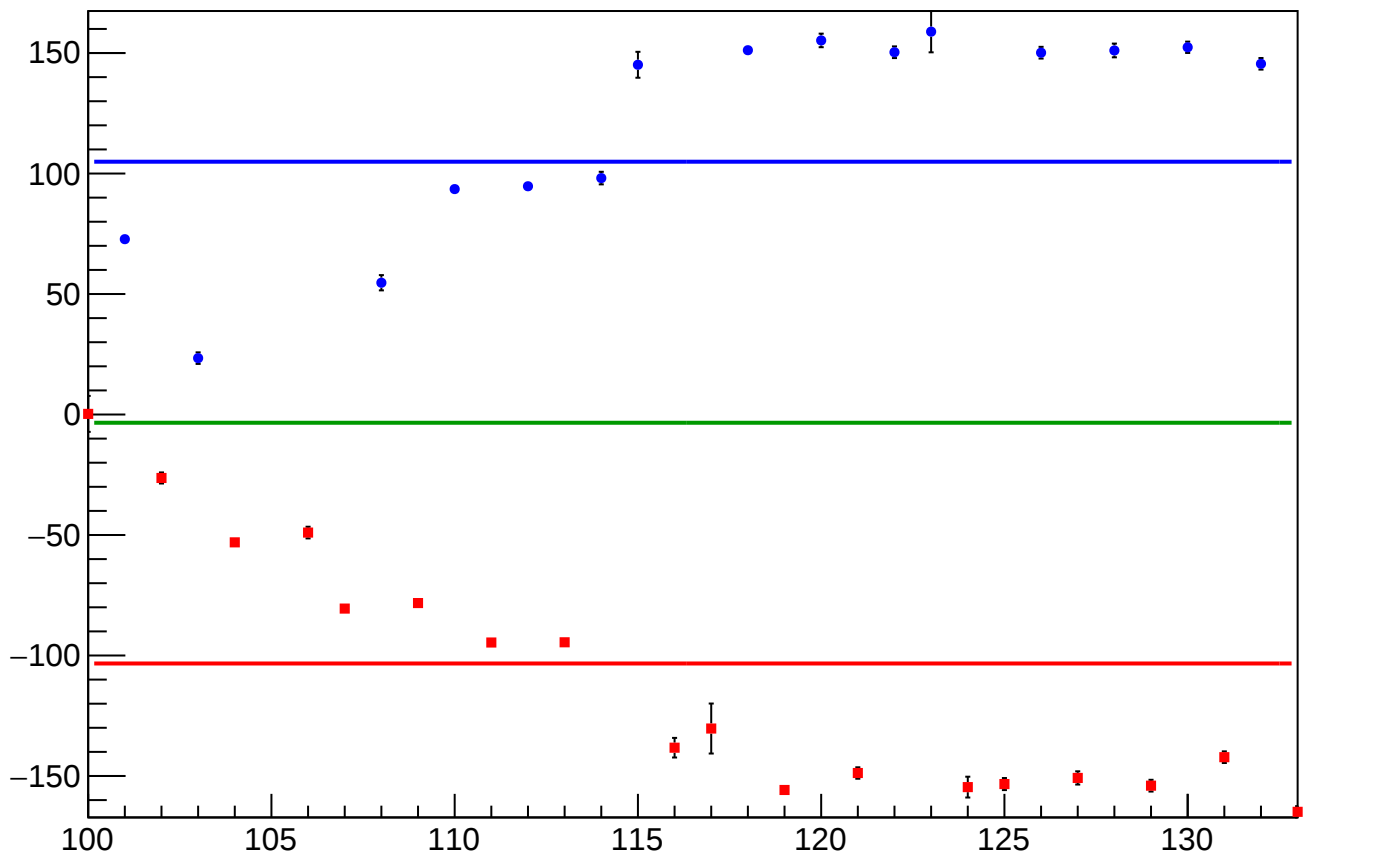
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-55.965+/-0.803 χ^2/NDF : 1602.4/14

7.012+/-0.541 χ^2/NDF : 14193.9/32

59.273+/-0.732 χ^2/NDF : 1342.2/17

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: -103.315+/-0.513 χ^2/NDF : 6430.2/17

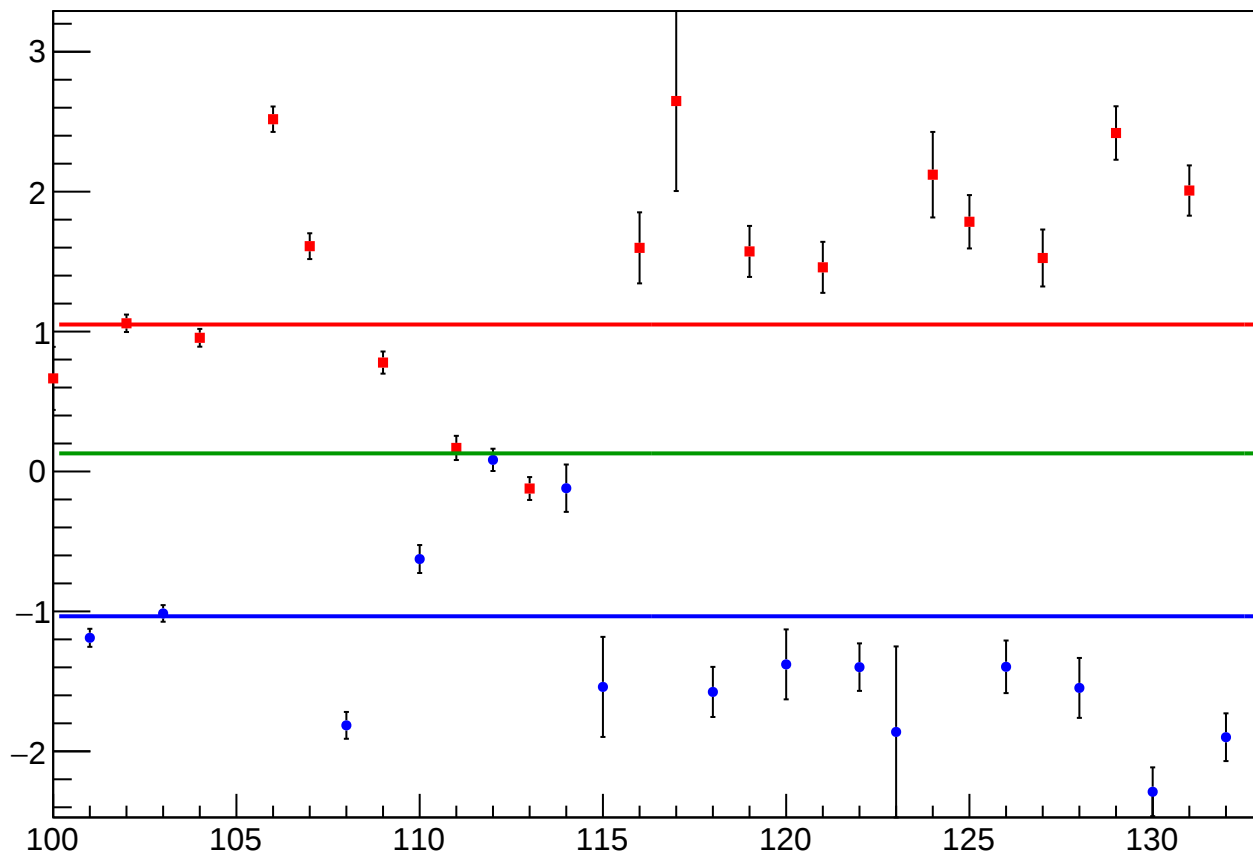
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.907+/-0.534 χ^2/NDF : 4987.6/14

-3.418+/-0.370 χ^2/NDF : 90458.3/32

-103.315+/-0.513 χ^2/NDF : 6430.2/17

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.035+/-0.030 χ^2 /NDF: 421.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.051+/-0.026 χ^2 /NDF: 788.4/17

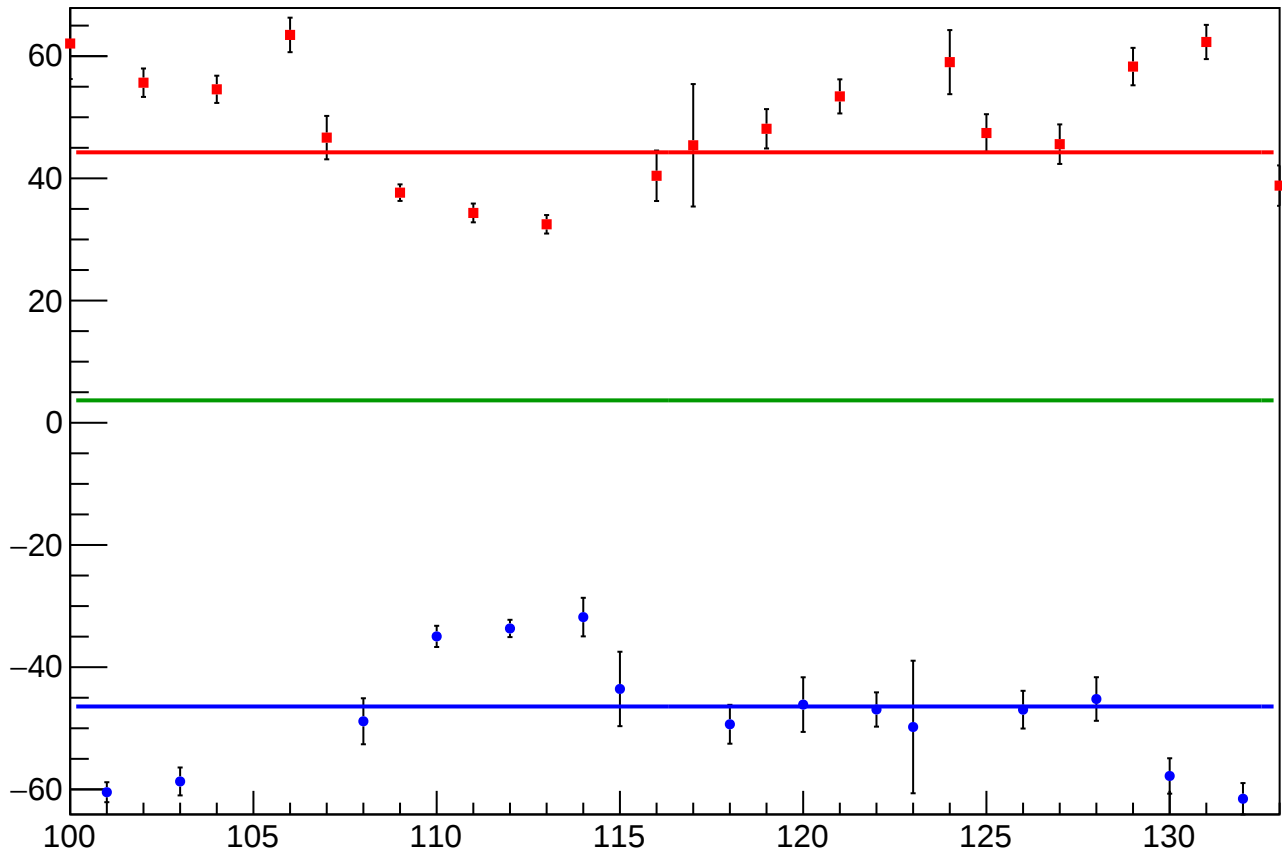
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.035+/-0.030 χ^2 /NDF: 421.5/14

0.129+/-0.020 χ^2 /NDF: 3967.6/32

1.051+/-0.026 χ^2 /NDF: 788.4/17

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: 44.261 ± 0.589 χ^2/NDF : 315.1/17

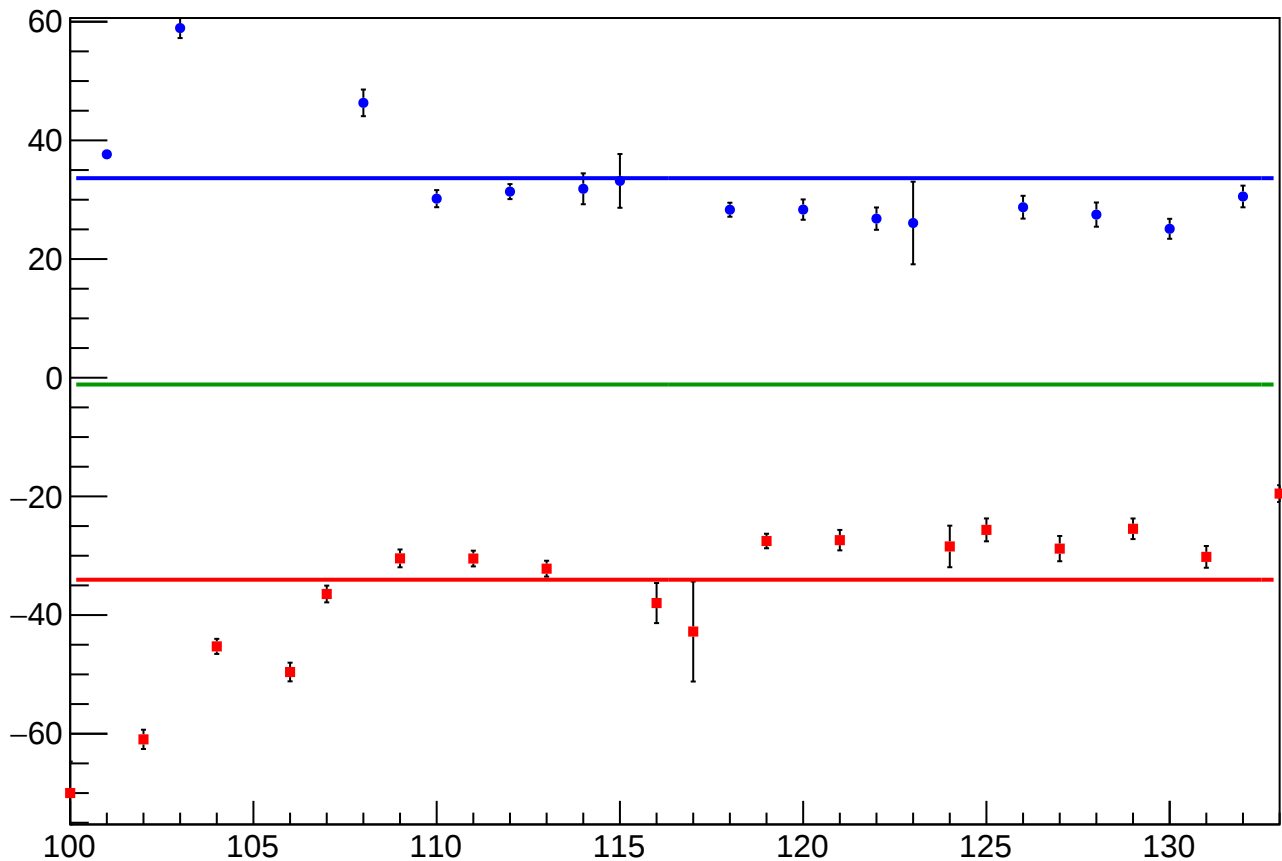
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-46.431 ± 0.654 χ^2/NDF : 301.1/14

3.666 ± 0.438 χ^2/NDF : 11227.6/32

44.261 ± 0.589 χ^2/NDF : 315.1/17

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.630 ± 0.409 χ^2/NDF : 379.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.042 ± 0.398 χ^2/NDF : 721.4/17

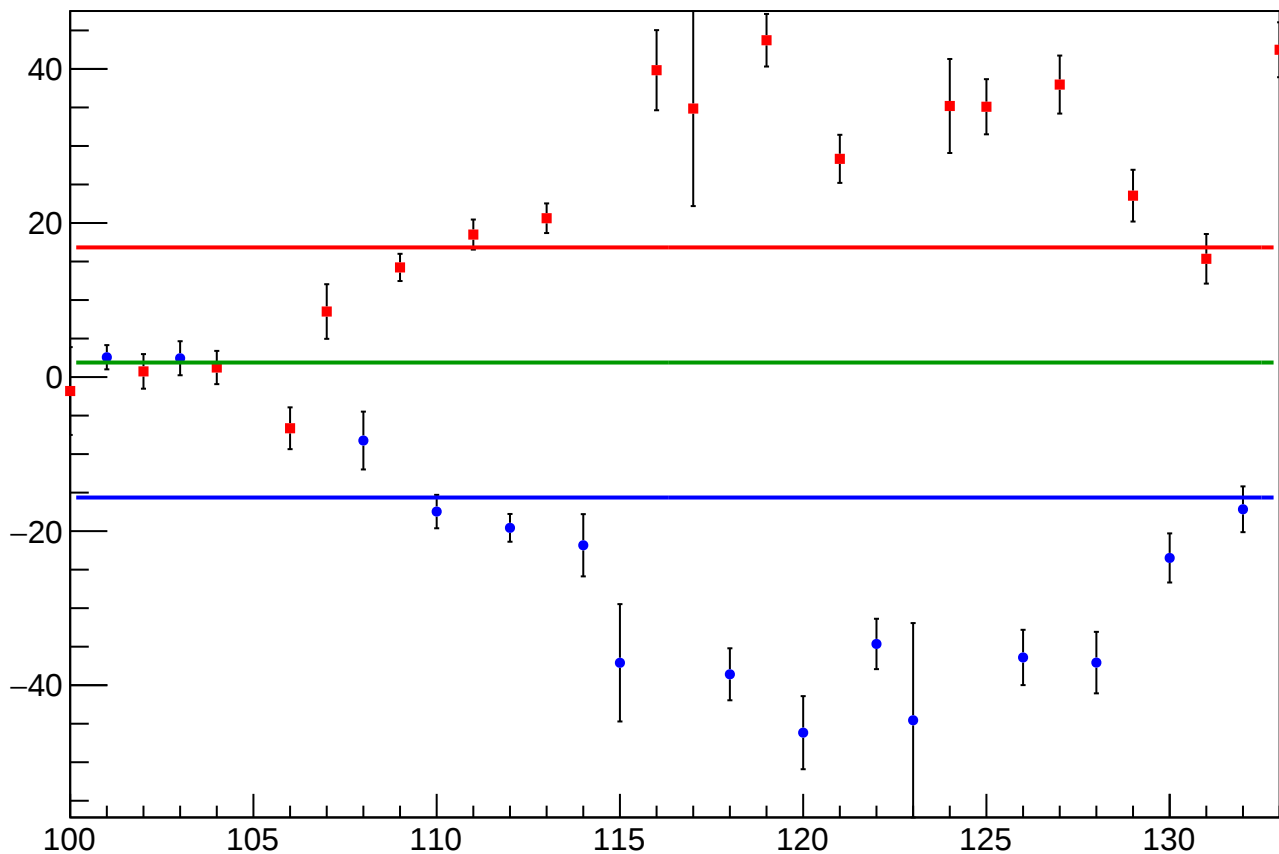
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

33.630 ± 0.409 χ^2/NDF : 379.5/14

-1.146 ± 0.285 χ^2/NDF : 15158.3/32

-34.042 ± 0.398 χ^2/NDF : 721.4/17

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.637 $\pm$ 0.733 χ^2 /NDF: 415.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.831 $\pm$ 0.677 χ^2 /NDF: 421.3/17

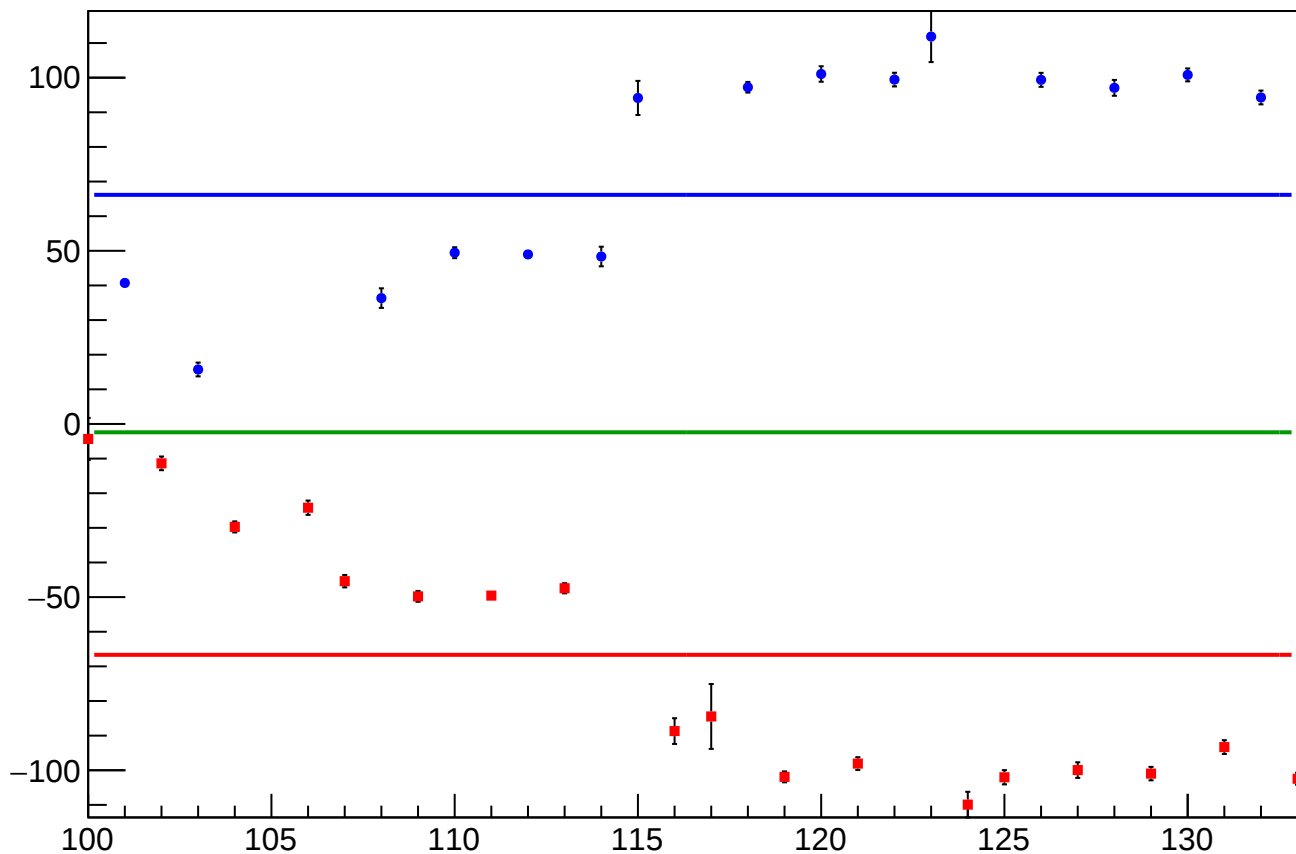
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.637 $\pm$ 0.733 χ^2 /NDF: 415.8/14

1.887 $\pm$ 0.497 χ^2 /NDF: 1896.8/32

16.831 $\pm$ 0.677 χ^2 /NDF: 421.3/17

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: -66.670+/-0.461 χ^2 /NDF: 4802.1/17

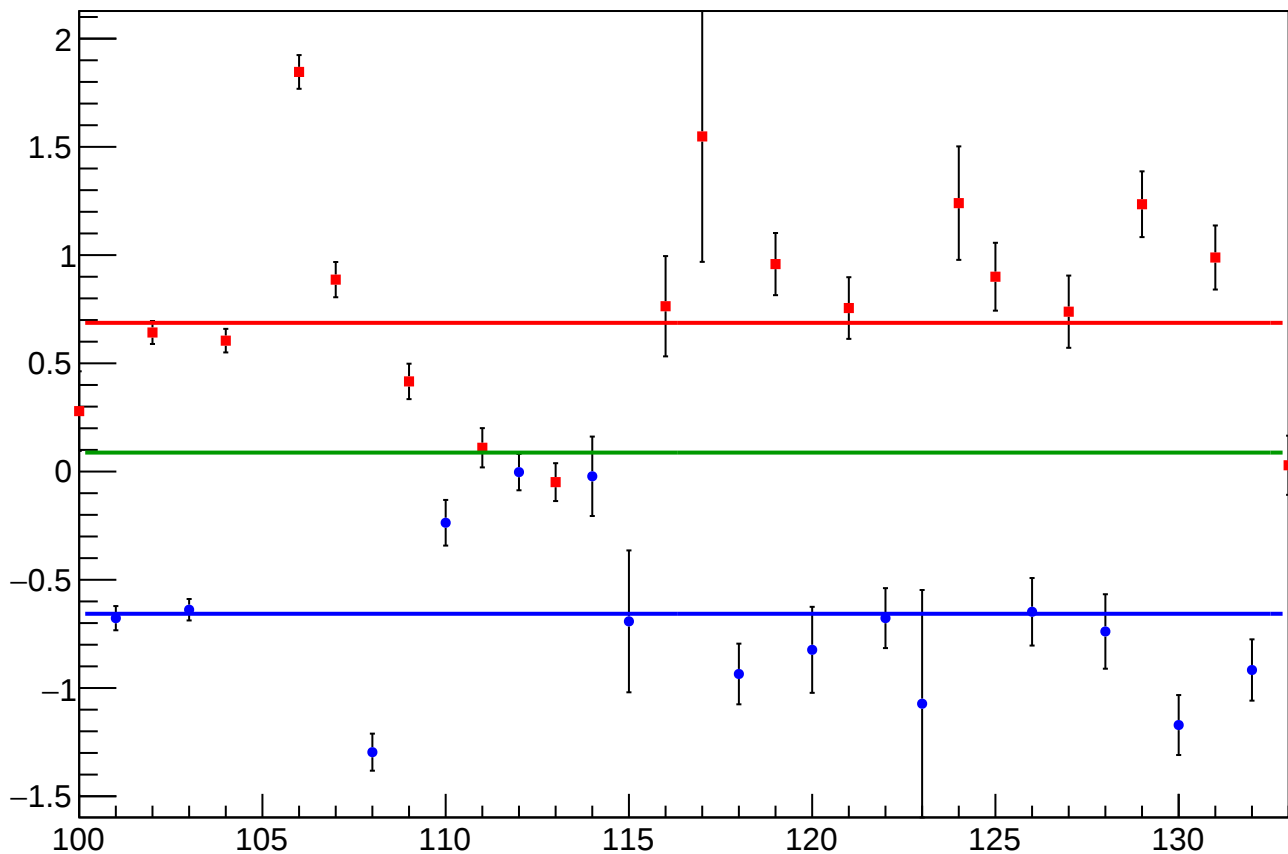
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

66.163+/-0.476 χ^2 /NDF: 3748.9/14

-2.411+/-0.331 χ^2 /NDF: 48688.6/32

-66.670+/-0.461 χ^2 /NDF: 4802.1/17

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: 0.687±/0.024 χ^2/NDF : 410.3/17

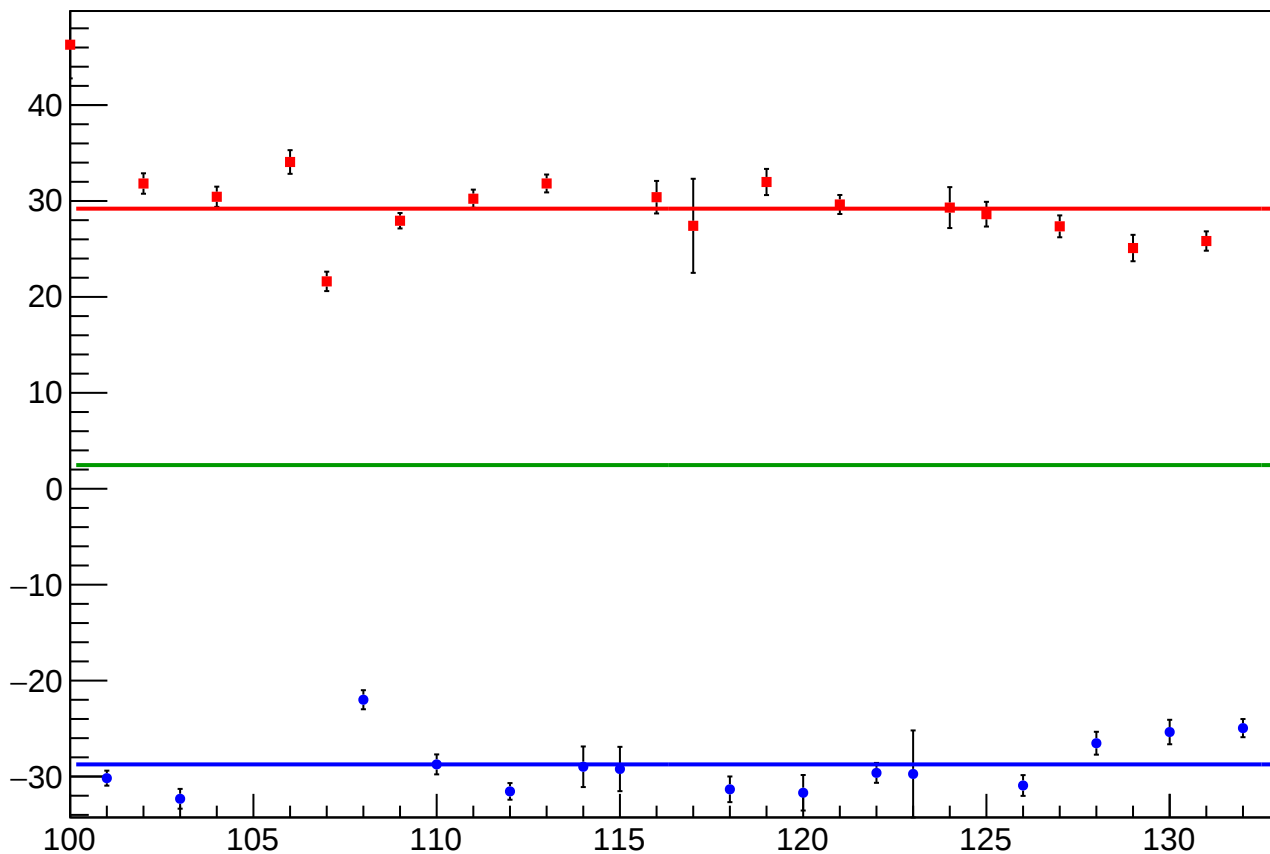
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-0.657±/0.026 χ^2/NDF : 167.4/14

0.088±/0.018 χ^2/NDF : 2022.5/32

0.687±/0.024 χ^2/NDF : 410.3/17

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: 29.201 ± 0.274 χ^2/NDF : 147.2/17

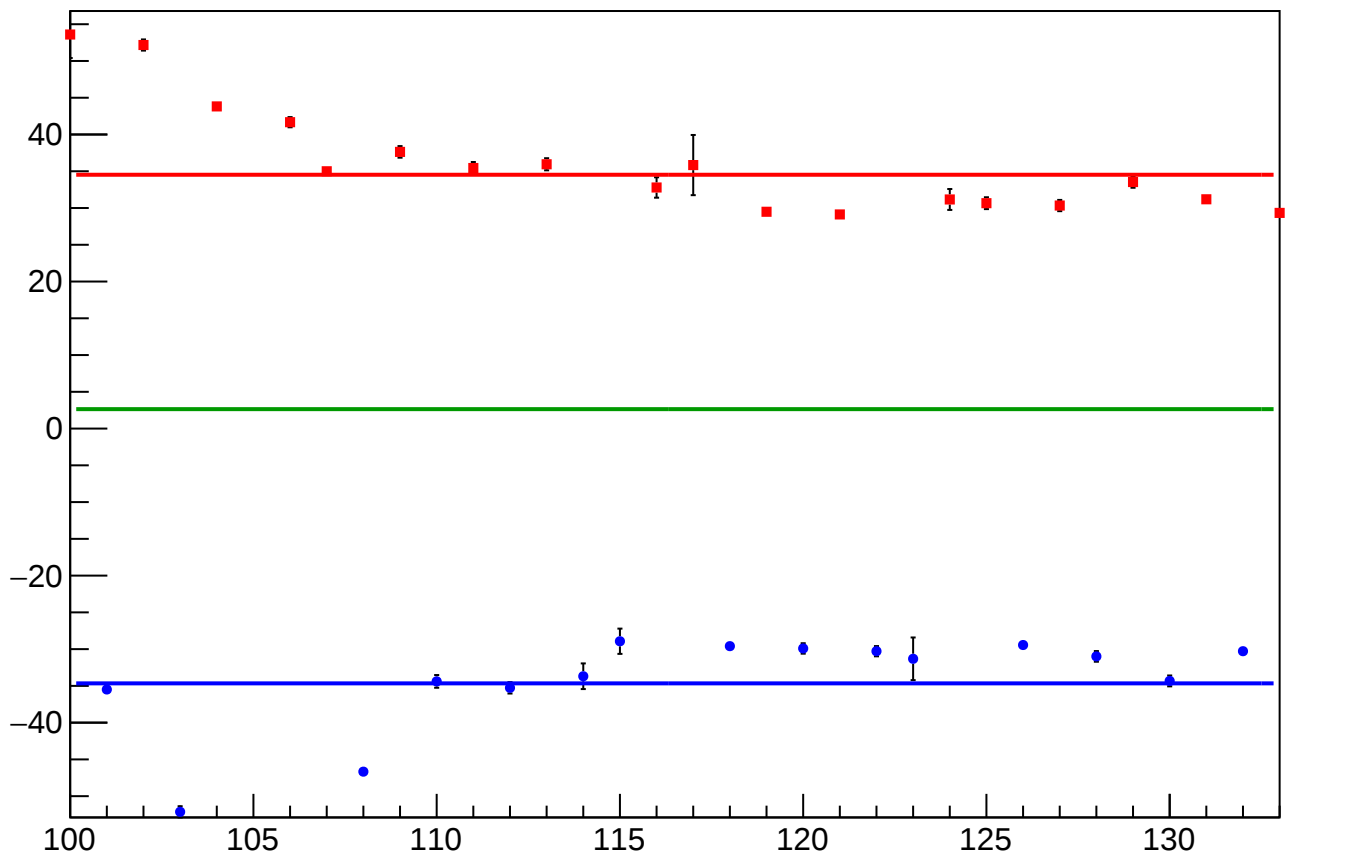
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.735 ± 0.297 χ^2/NDF : 109.7/14

2.468 ± 0.201 χ^2/NDF : 20818.9/32

29.201 ± 0.274 χ^2/NDF : 147.2/17

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: 34.524 ± 0.165 $\chi^2/\text{NDF}: 1338.8/17$

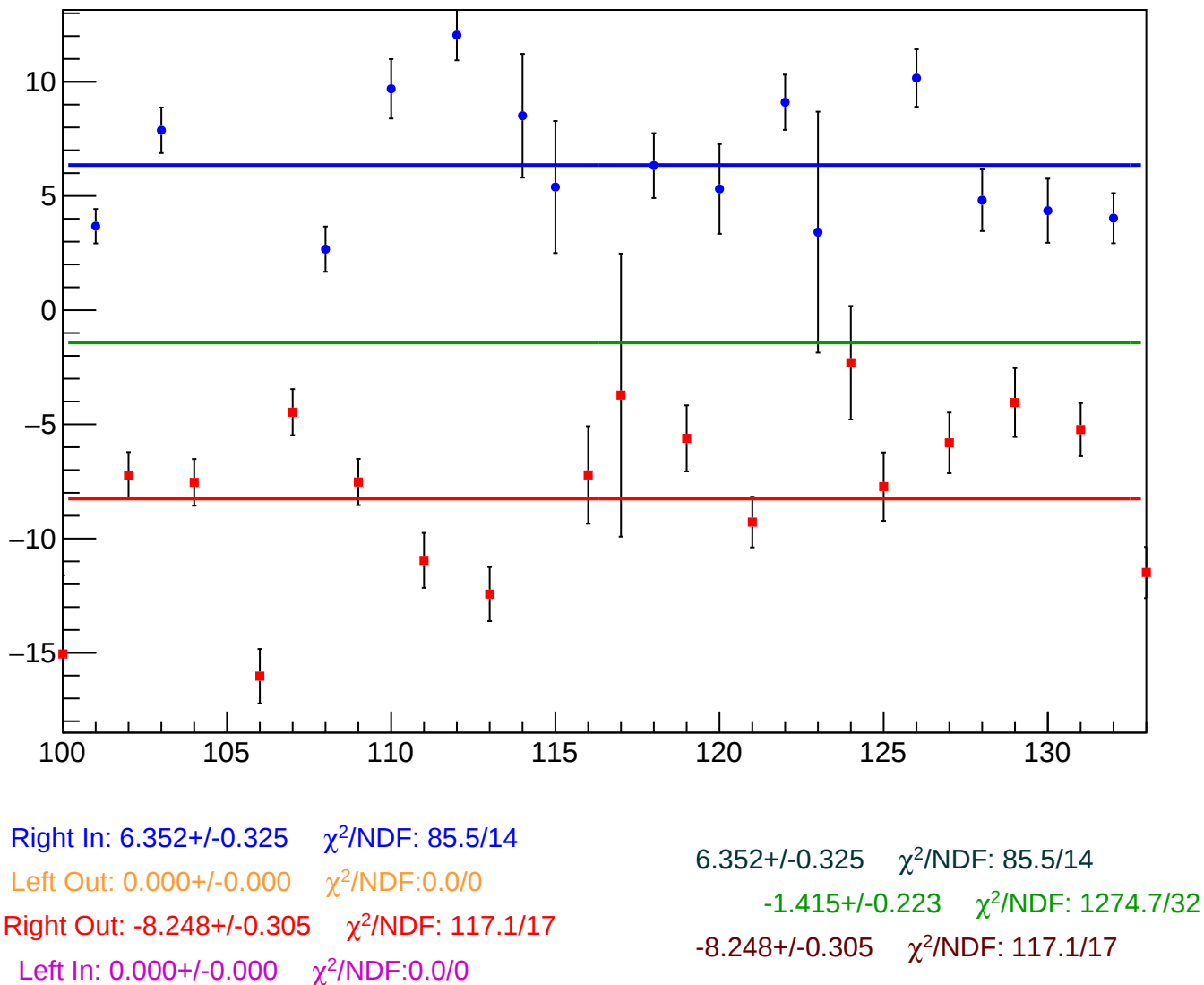
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-34.657 ± 0.178 $\chi^2/\text{NDF}: 1268.3/14$

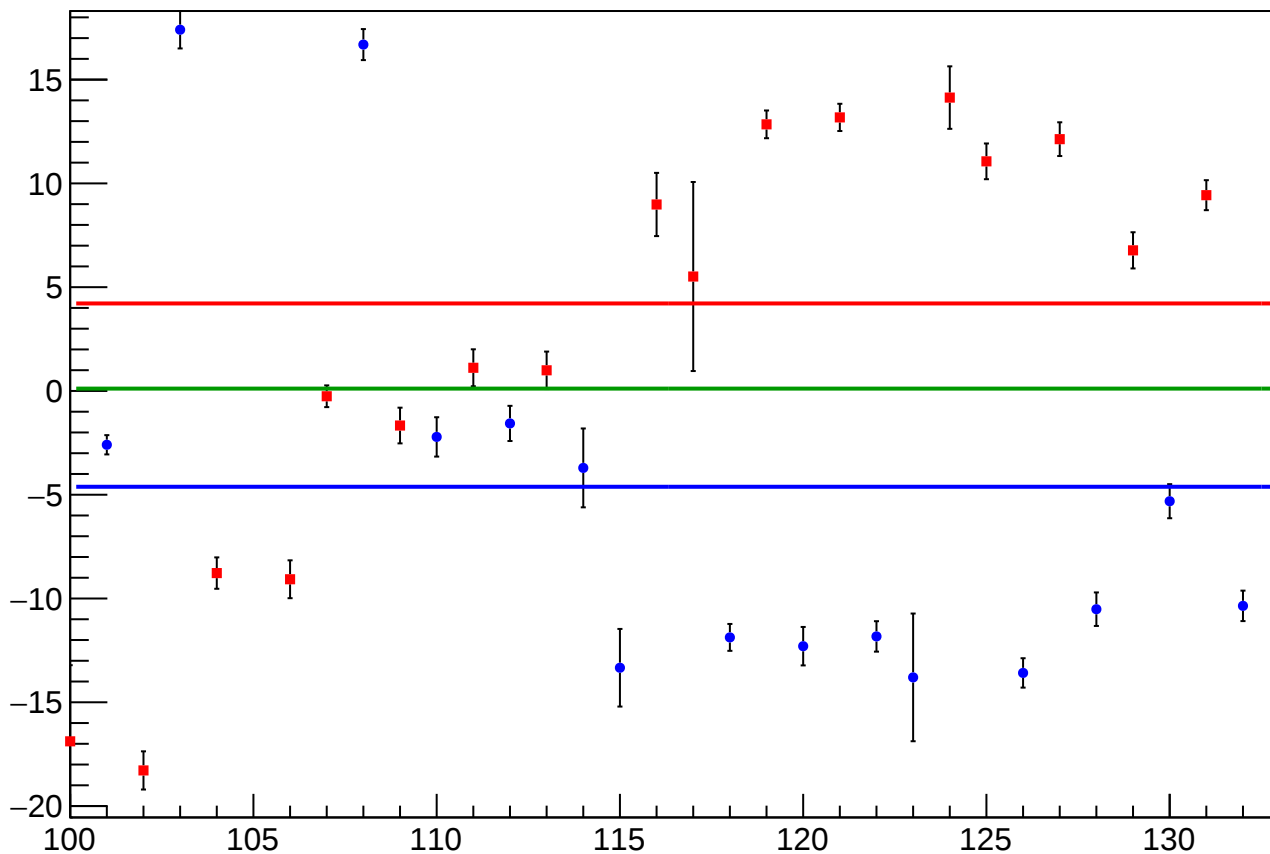
2.643 ± 0.121 $\chi^2/\text{NDF}: 83932.6/32$

34.524 ± 0.165 $\chi^2/\text{NDF}: 1338.8/17$

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



Right In: -4.616 ± 0.208 $\chi^2/\text{NDF}: 2044.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.216 ± 0.194 $\chi^2/\text{NDF}: 2003.1/17$

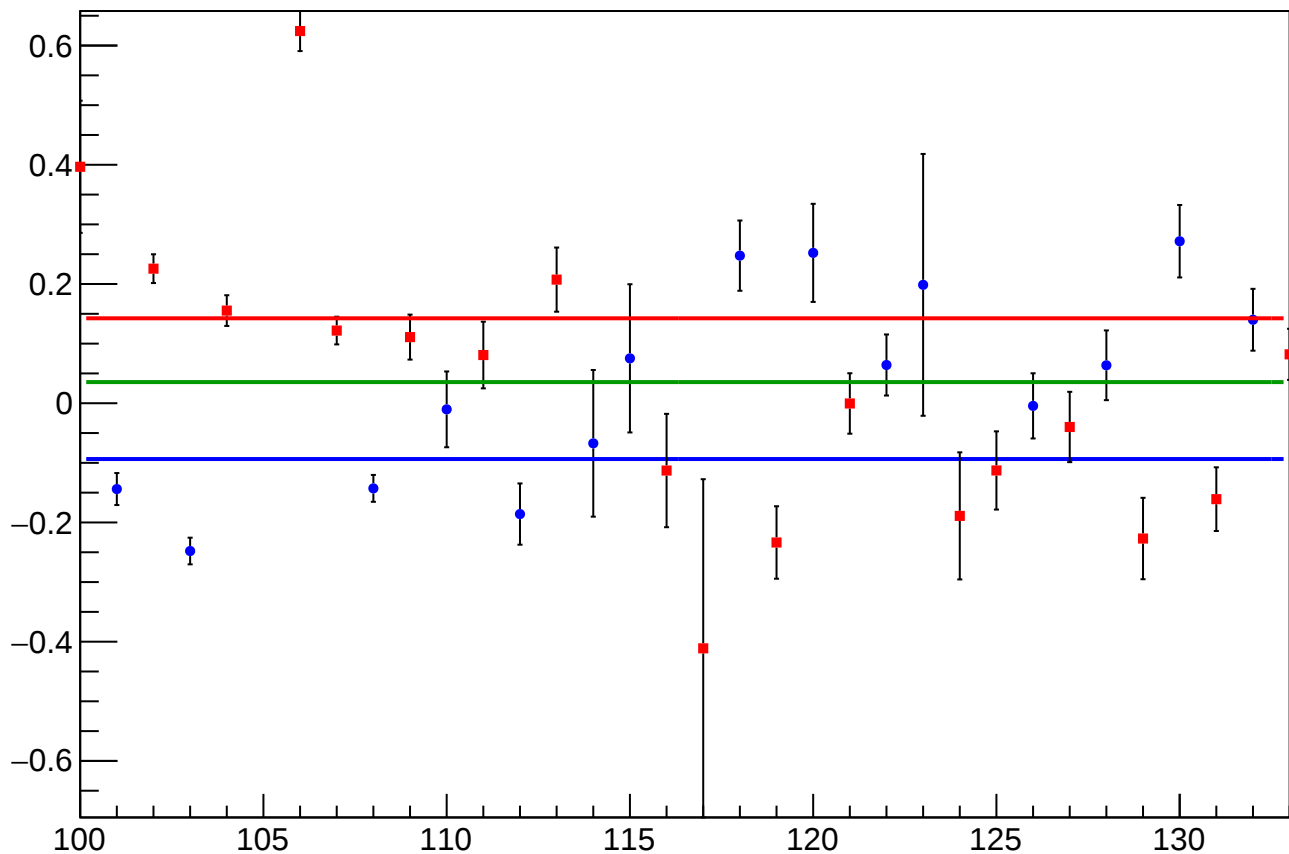
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.616 ± 0.208 $\chi^2/\text{NDF}: 2044.6/14$

0.113 ± 0.142 $\chi^2/\text{NDF}: 5013.0/32$

4.216 ± 0.194 $\chi^2/\text{NDF}: 2003.1/17$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.094 $\pm$ 0.011 χ^2 /NDF: 191.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.142 $\pm$ 0.010 χ^2 /NDF: 382.2/17

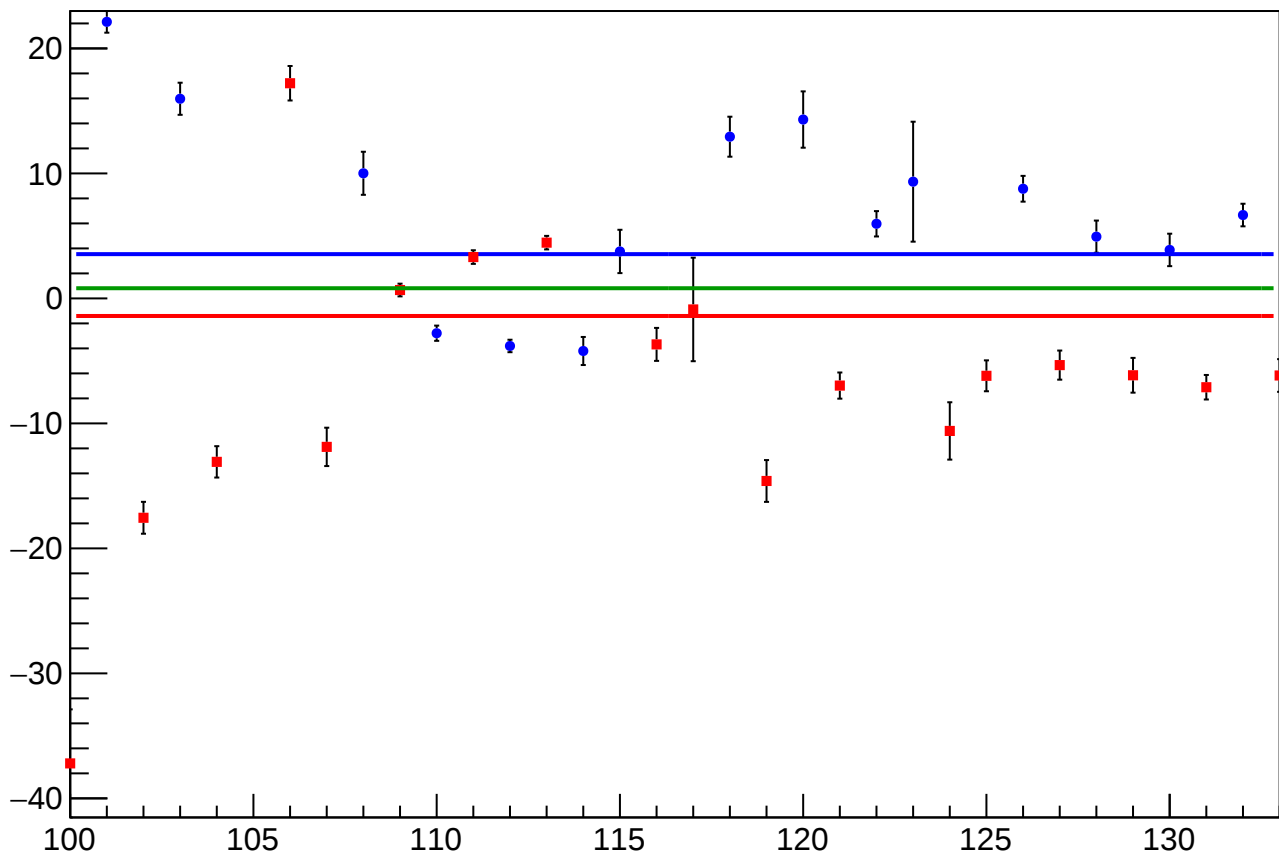
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.094 $\pm$ 0.011 χ^2 /NDF: 191.5/14

0.035 $\pm$ 0.007 χ^2 /NDF: 824.0/32

0.142 $\pm$ 0.010 χ^2 /NDF: 382.2/17

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.542 ± 0.258 χ^2/NDF : 1043.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.406 ± 0.232 χ^2/NDF : 947.3/17

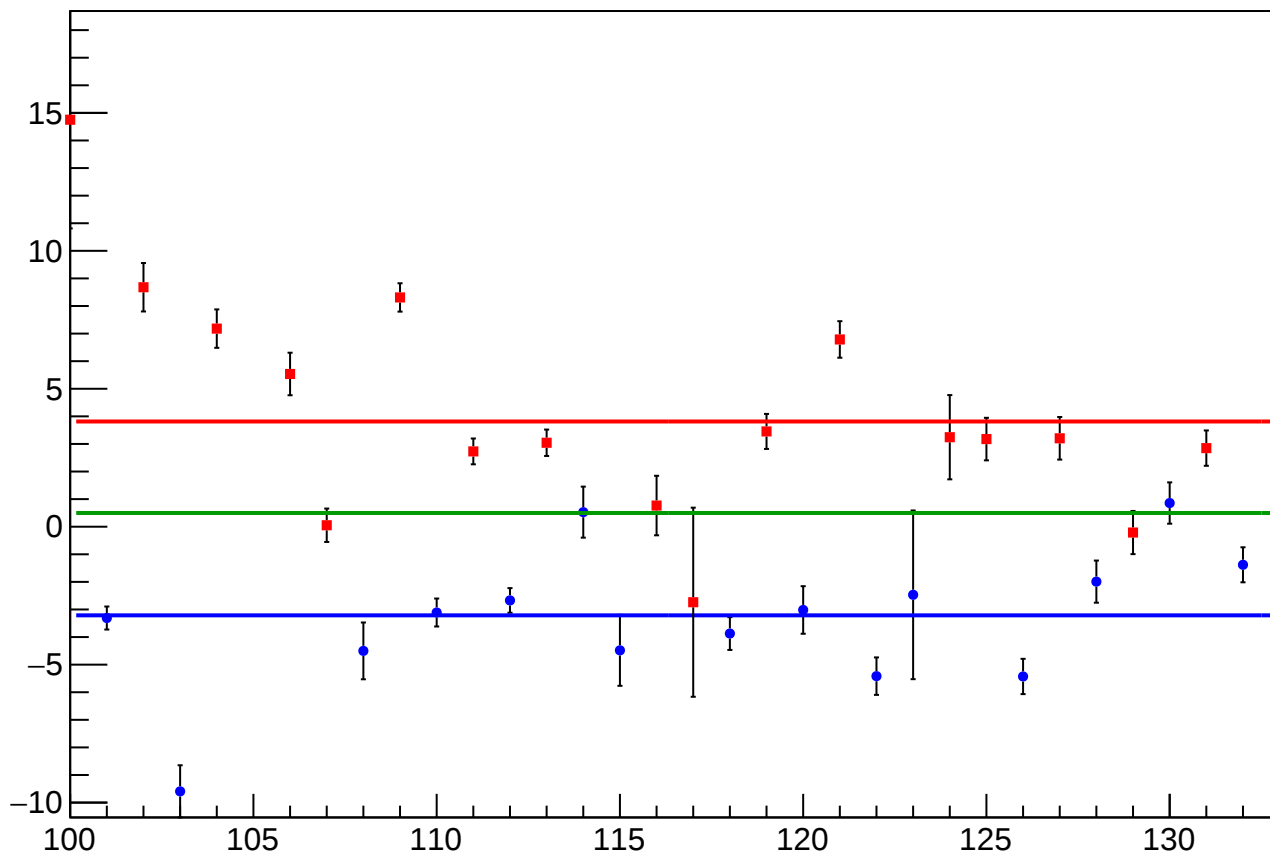
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.542 ± 0.258 χ^2/NDF : 1043.1/14

0.814 ± 0.173 χ^2/NDF : 2193.9/32

-1.406 ± 0.232 χ^2/NDF : 947.3/17

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: 3.814+/-0.164 χ^2 /NDF: 266.3/17

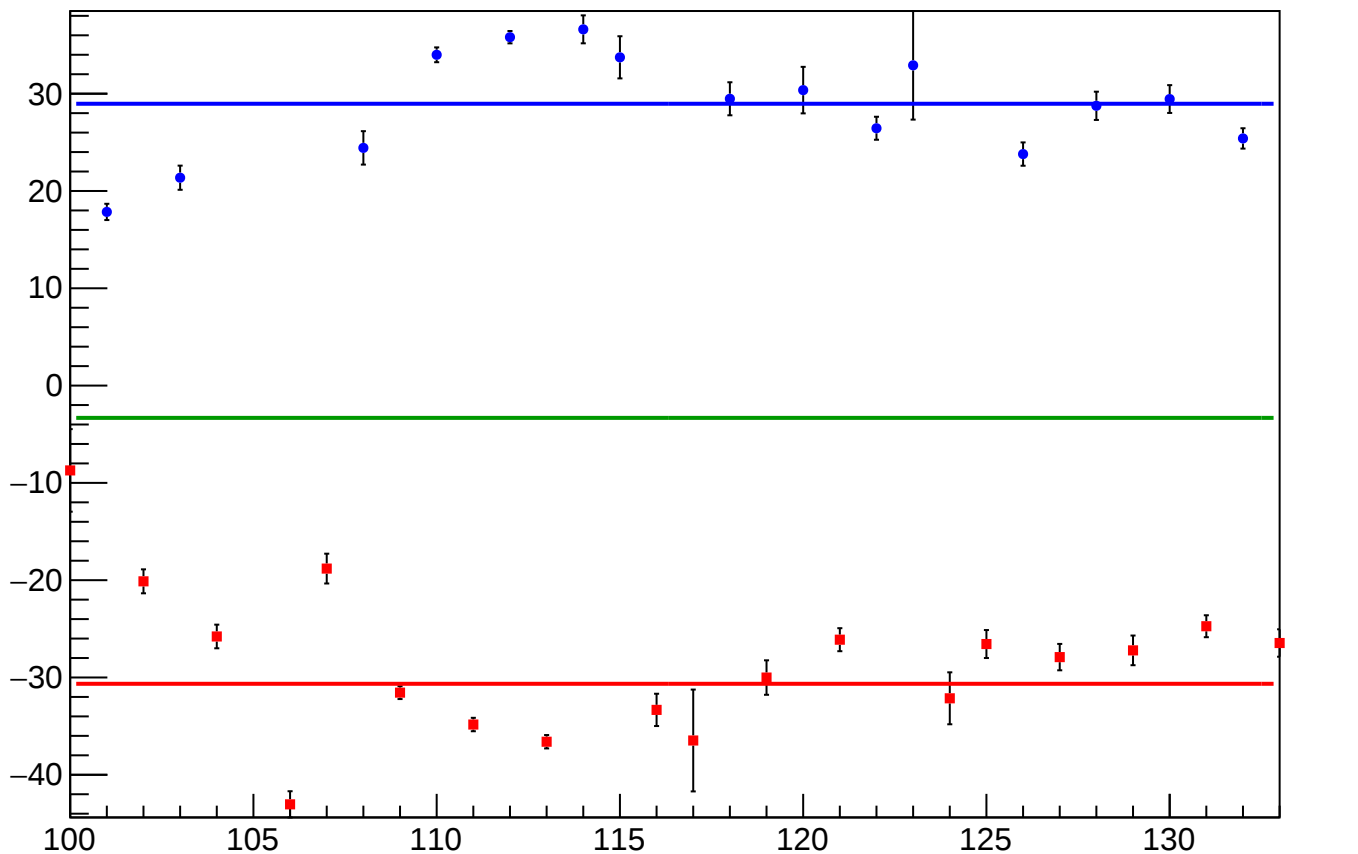
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3.213+/-0.173 χ^2 /NDF: 130.3/14

0.498+/-0.119 χ^2 /NDF: 1266.8/32

3.814+/-0.164 χ^2 /NDF: 266.3/17

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: -30.649 ± 0.275 χ^2/NDF : 446.1/17

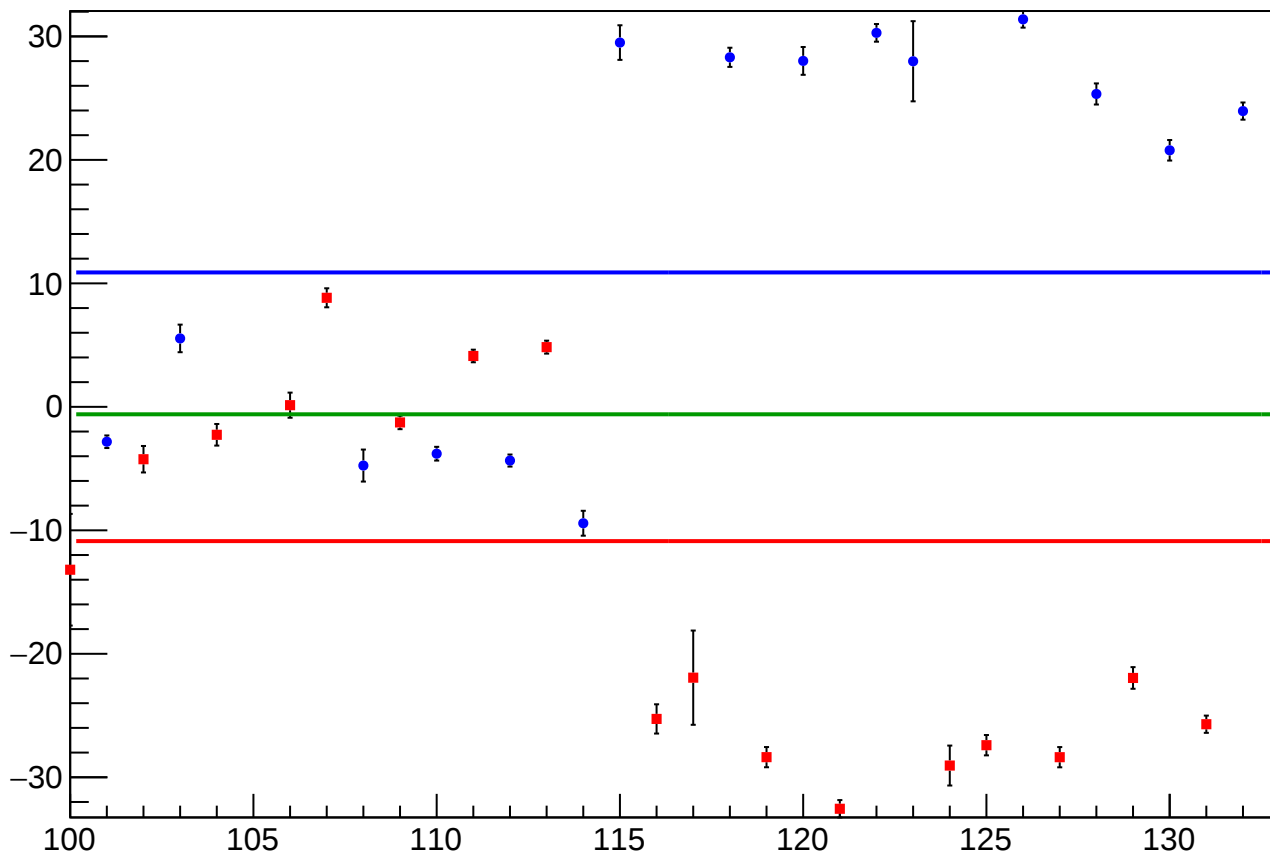
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

28.965 ± 0.299 χ^2/NDF : 450.3/14

-3.319 ± 0.203 χ^2/NDF : 22386.5/32

-30.649 ± 0.275 χ^2/NDF : 446.1/17

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.885+/-0.197 χ^2 /NDF: 6352.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -10.874+/-0.186 χ^2 /NDF: 6417.1/17

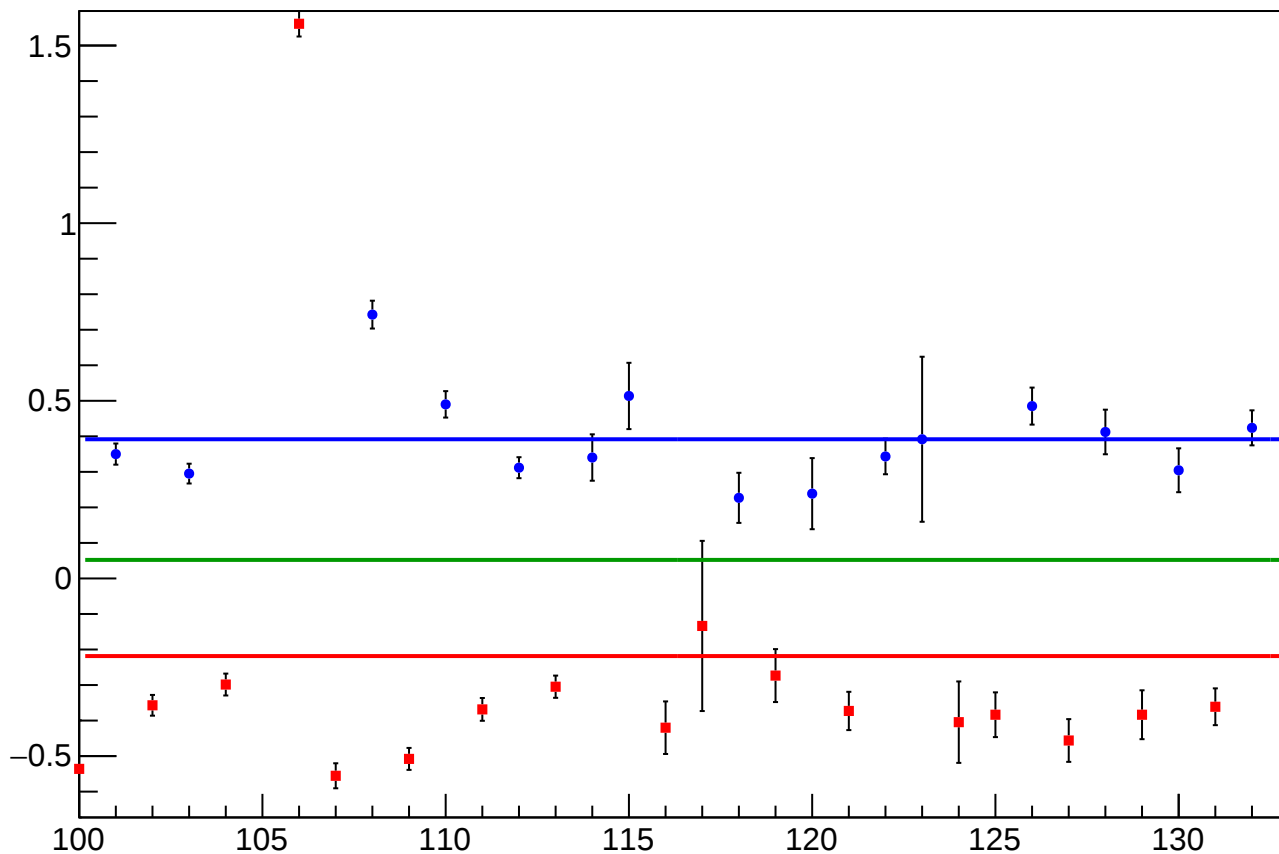
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.885+/-0.197 χ^2 /NDF: 6352.7/14

-0.604+/-0.135 χ^2 /NDF: 19209.0/32

-10.874+/-0.186 χ^2 /NDF: 6417.1/17

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 $\pm$ 0.010 χ^2 /NDF: 2757.1/17

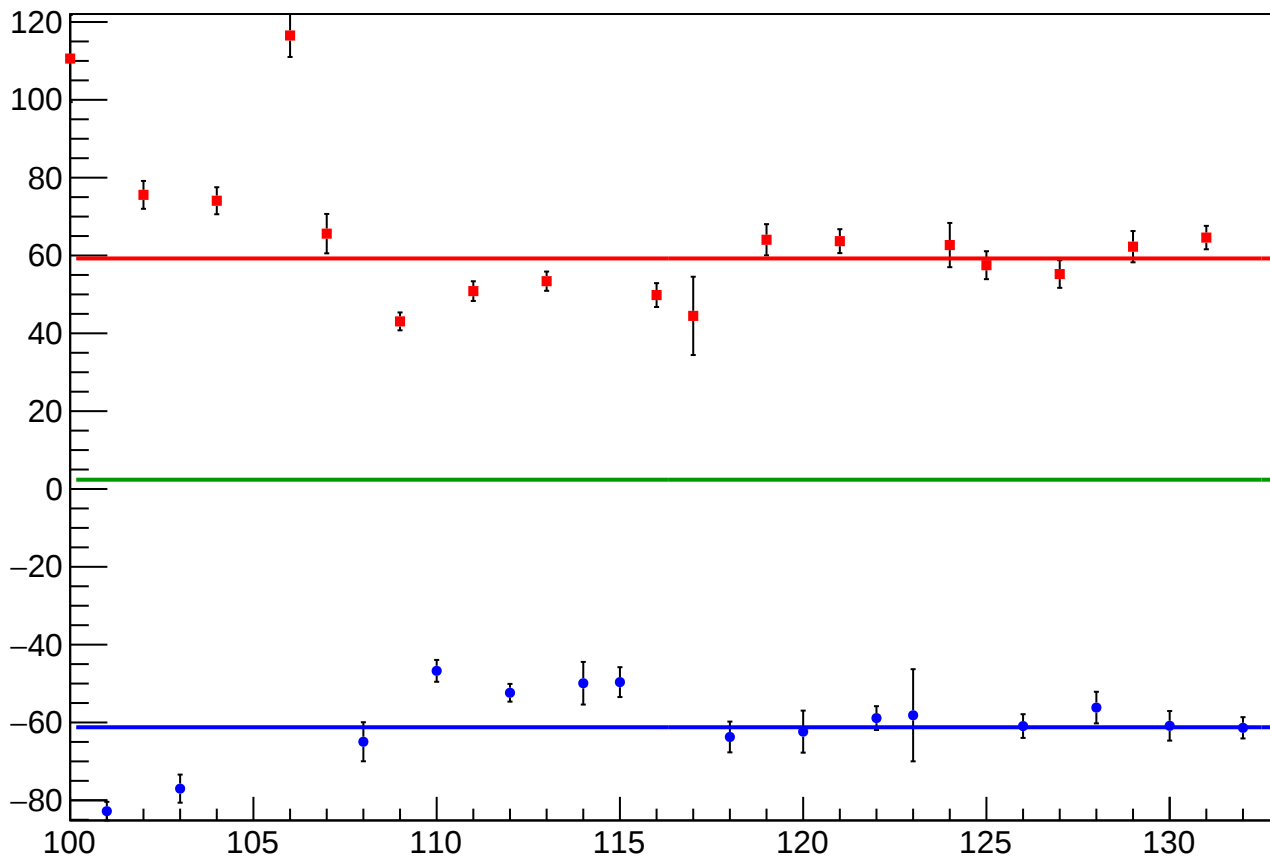
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.392 $\pm$ 0.012 χ^2 /NDF: 125.2/14

0.052 $\pm$ 0.008 χ^2 /NDF: 4395.4/32

-0.218 $\pm$ 0.010 χ^2 /NDF: 2757.1/17

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: 59.241 $\pm$ 0.830 χ^2/NDF : 257.3/17

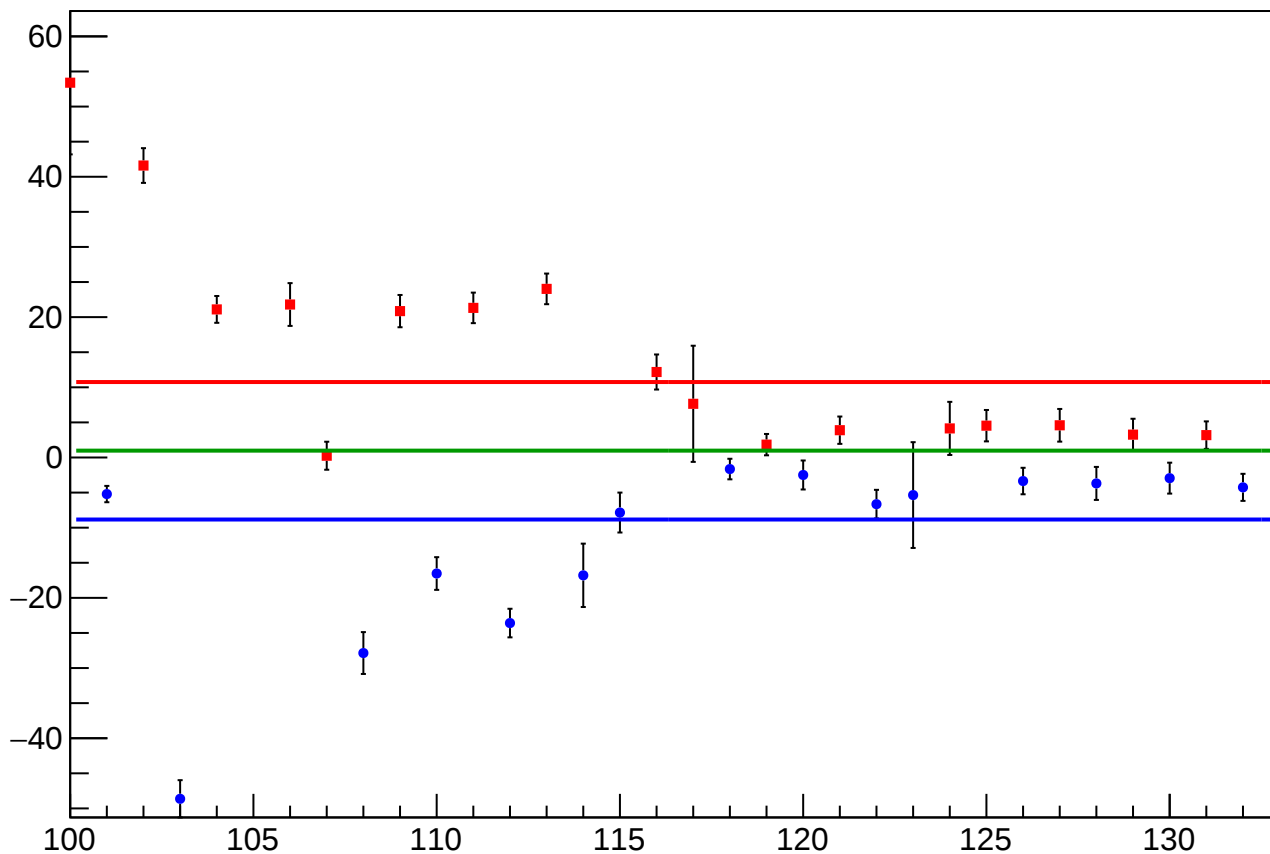
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-61.229 $\pm$ 0.878 χ^2/NDF : 158.9/14

2.385 $\pm$ 0.603 χ^2/NDF : 10350.7/32

59.241 $\pm$ 0.830 χ^2/NDF : 257.3/17

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: 10.751+/-0.535 χ^2/NDF : 427.1/17

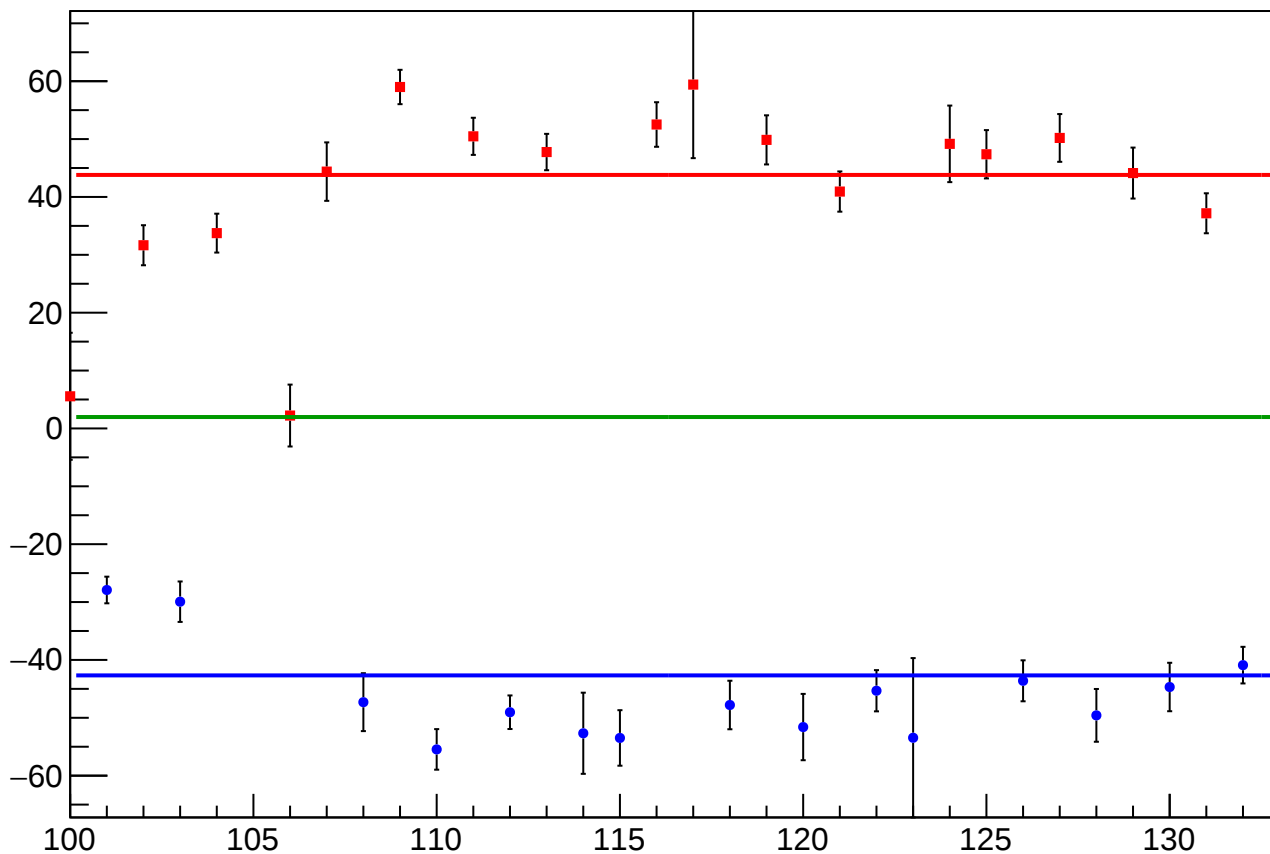
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.837+/-0.536 χ^2/NDF : 402.3/14

0.977+/-0.378 χ^2/NDF : 1499.3/32

10.751+/-0.535 χ^2/NDF : 427.1/17

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: 43.804+/-0.953 χ^2/NDF : 143.0/17

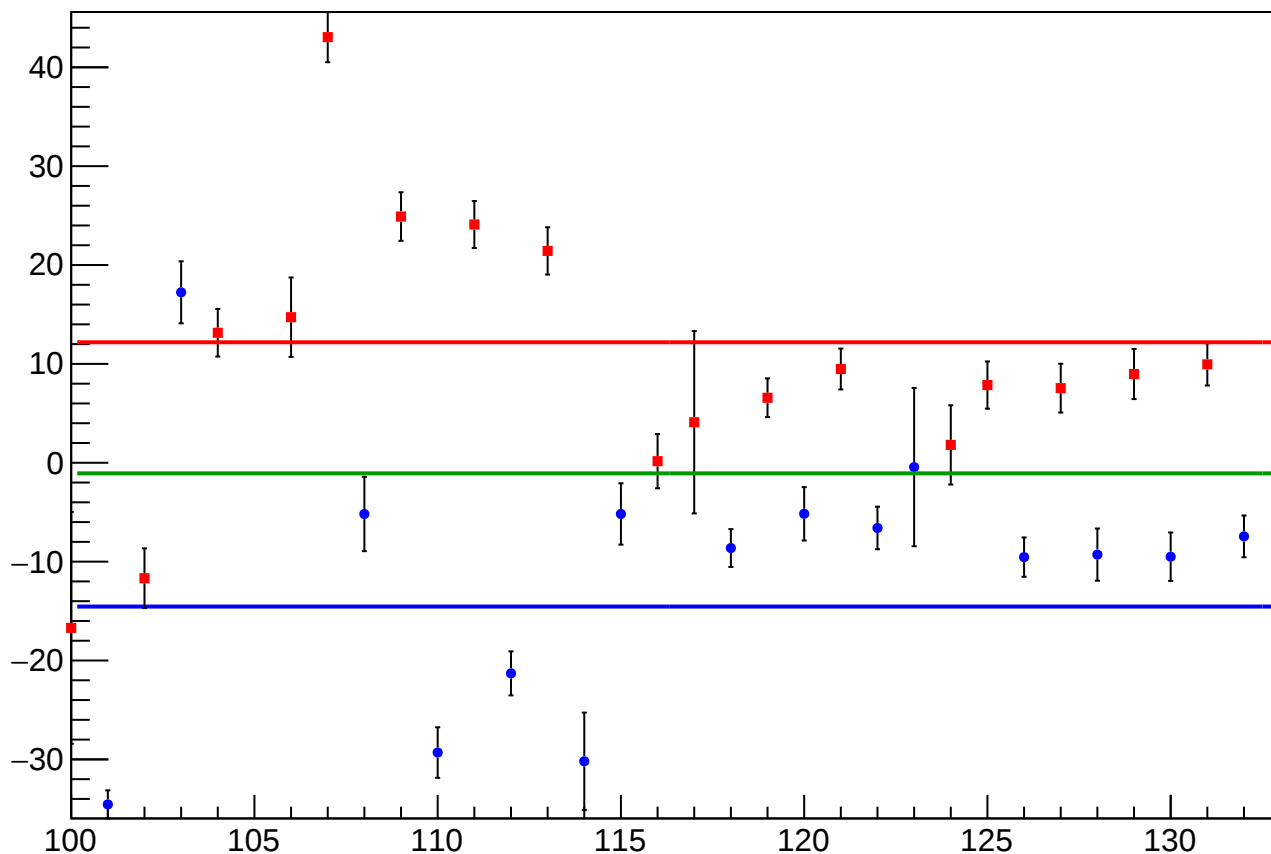
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-42.674+/-0.985 χ^2/NDF : 88.5/14

1.971+/-0.685 χ^2/NDF : 4211.9/32

43.804+/-0.953 χ^2/NDF : 143.0/17

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: 12.186+/-0.616 χ^2/NDF : 336.8/17

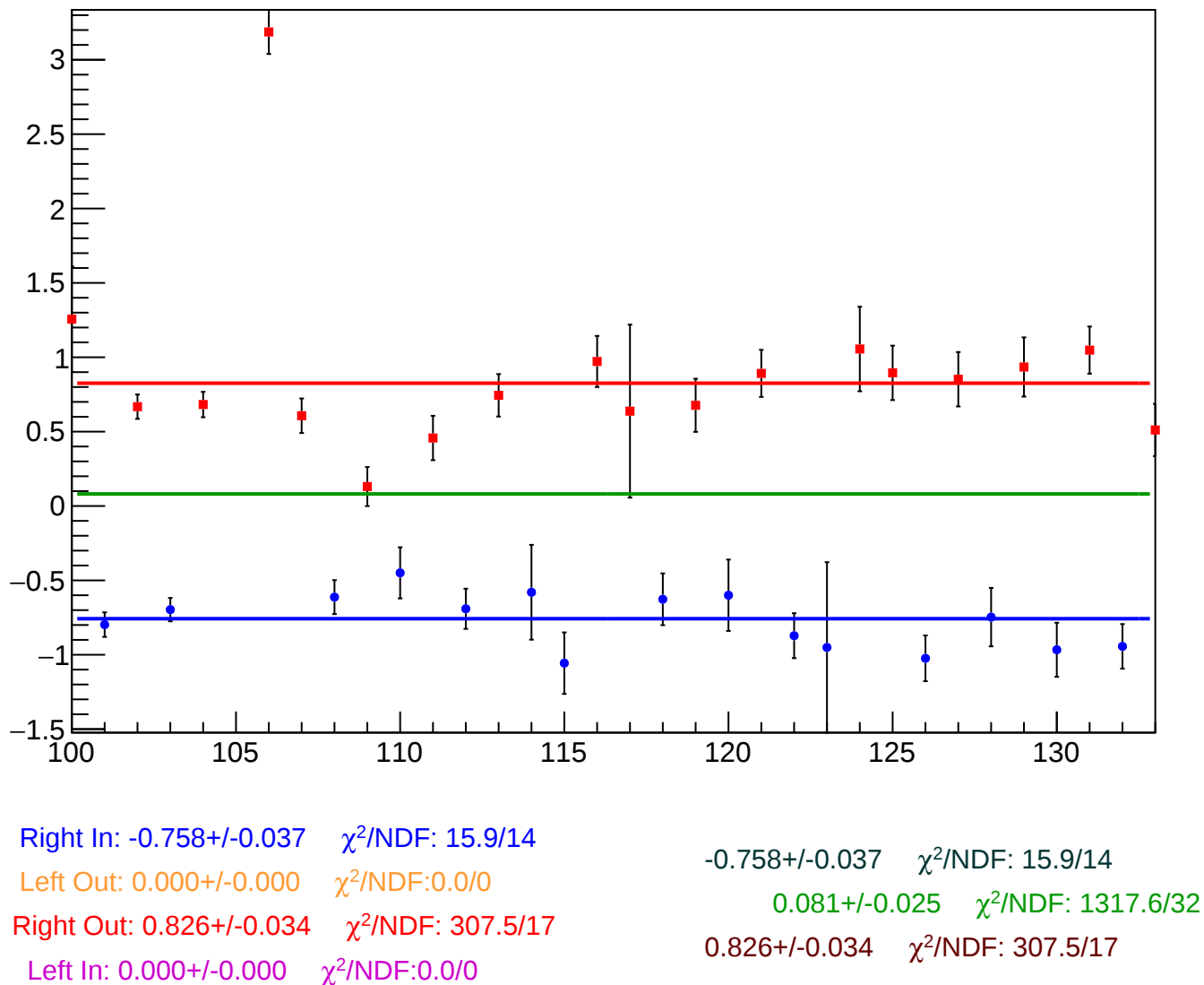
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.543+/-0.621 χ^2/NDF : 432.9/14

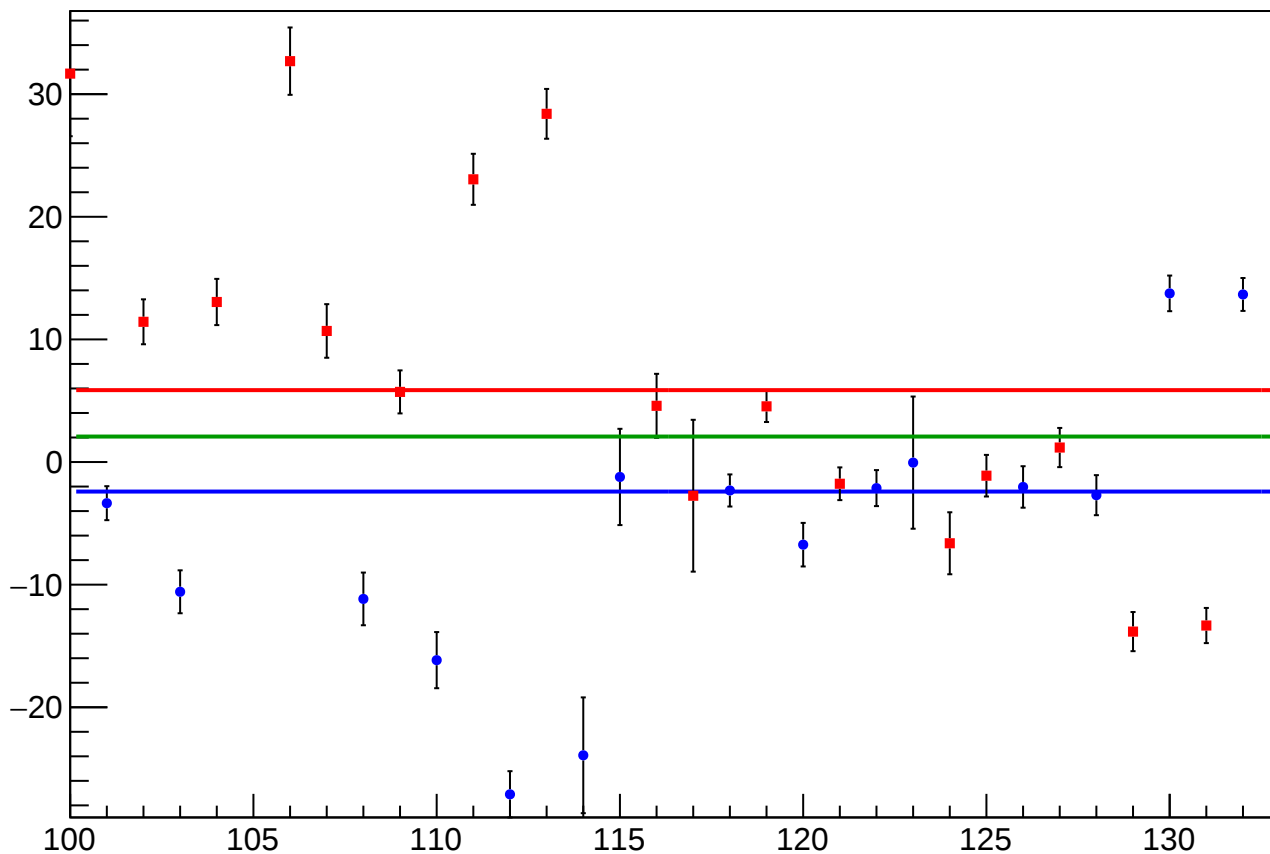
-1.072+/-0.437 χ^2/NDF : 1704.9/32

12.186+/-0.616 χ^2/NDF : 336.8/17

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -2.408+/-0.457 χ^2 /NDF: 540.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5.863+/-0.419 χ^2 /NDF: 885.9/17

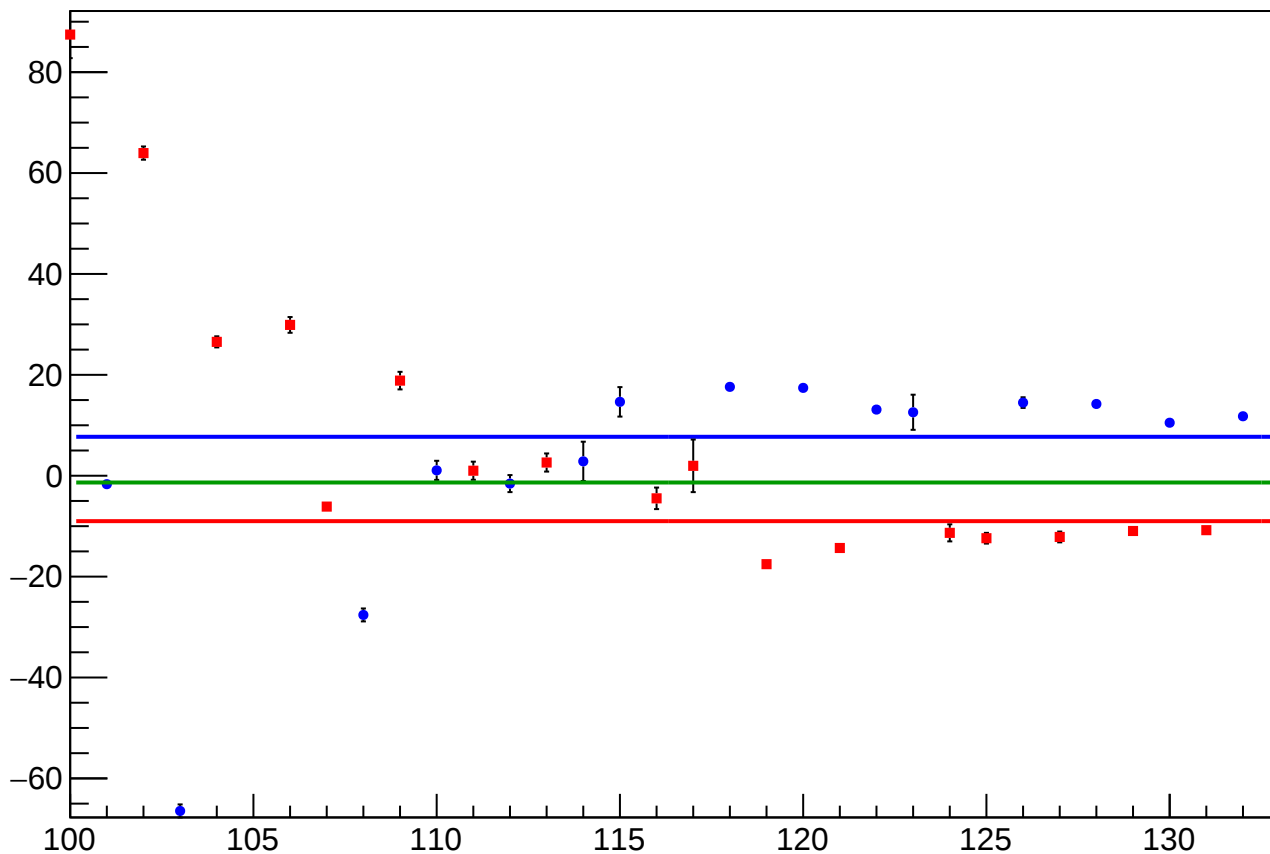
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.408+/-0.457 χ^2 /NDF: 540.5/14

2.078+/-0.309 χ^2 /NDF: 1604.4/32

5.863+/-0.419 χ^2 /NDF: 885.9/17

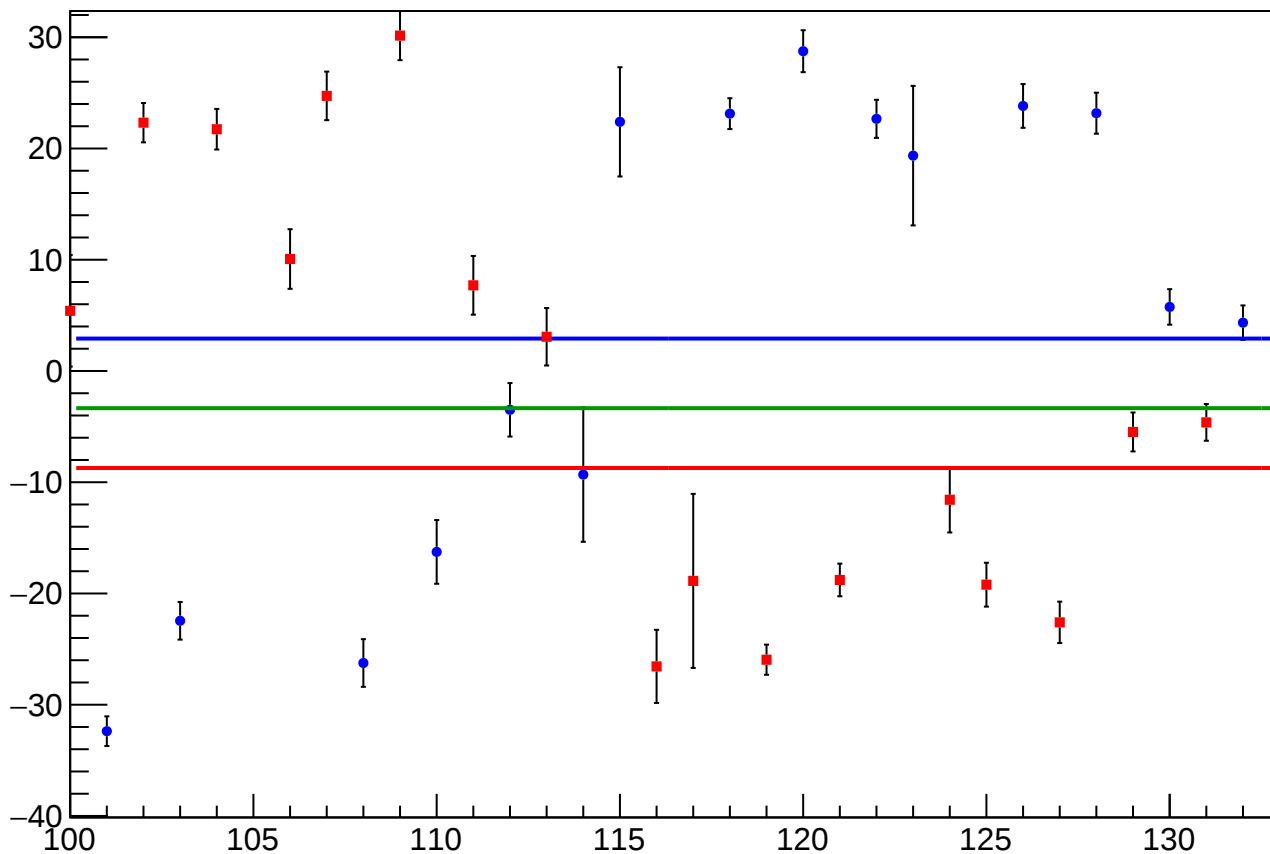
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -9.004 ± 0.230 χ^2/NDF : 6685.8/17
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.718 ± 0.250 χ^2/NDF : 5044.5/14
 -1.342 ± 0.169 χ^2/NDF : 14155.4/32
 -9.004 ± 0.230 χ^2/NDF : 6685.8/17

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: -8.720+/-0.462 χ^2/NDF : 2217.0/17

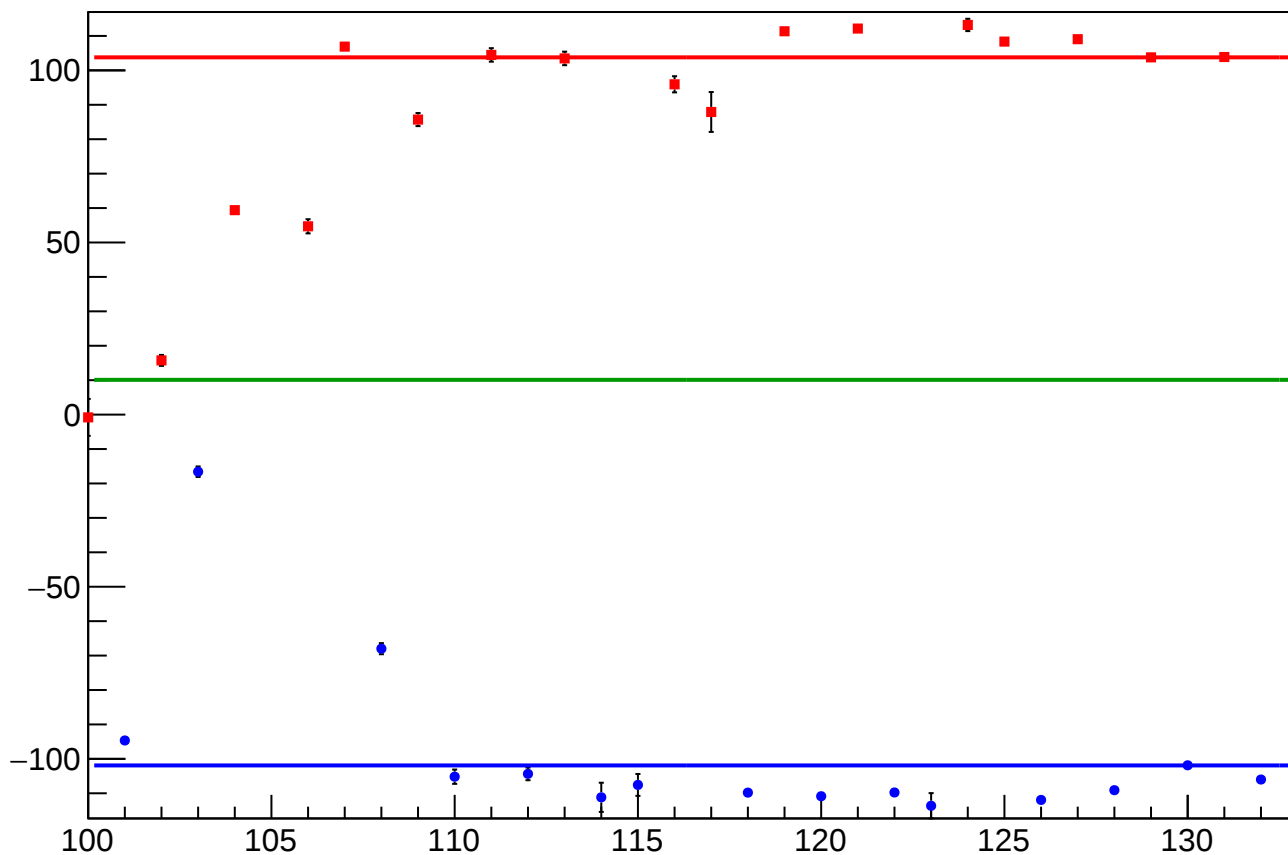
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.914+/-0.499 χ^2/NDF : 1958.1/14

-3.343+/-0.339 χ^2/NDF : 4467.6/32

-8.720+/-0.462 χ^2/NDF : 2217.0/17

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: 103.780+/-0.272 χ^2/NDF : 5942.2/17

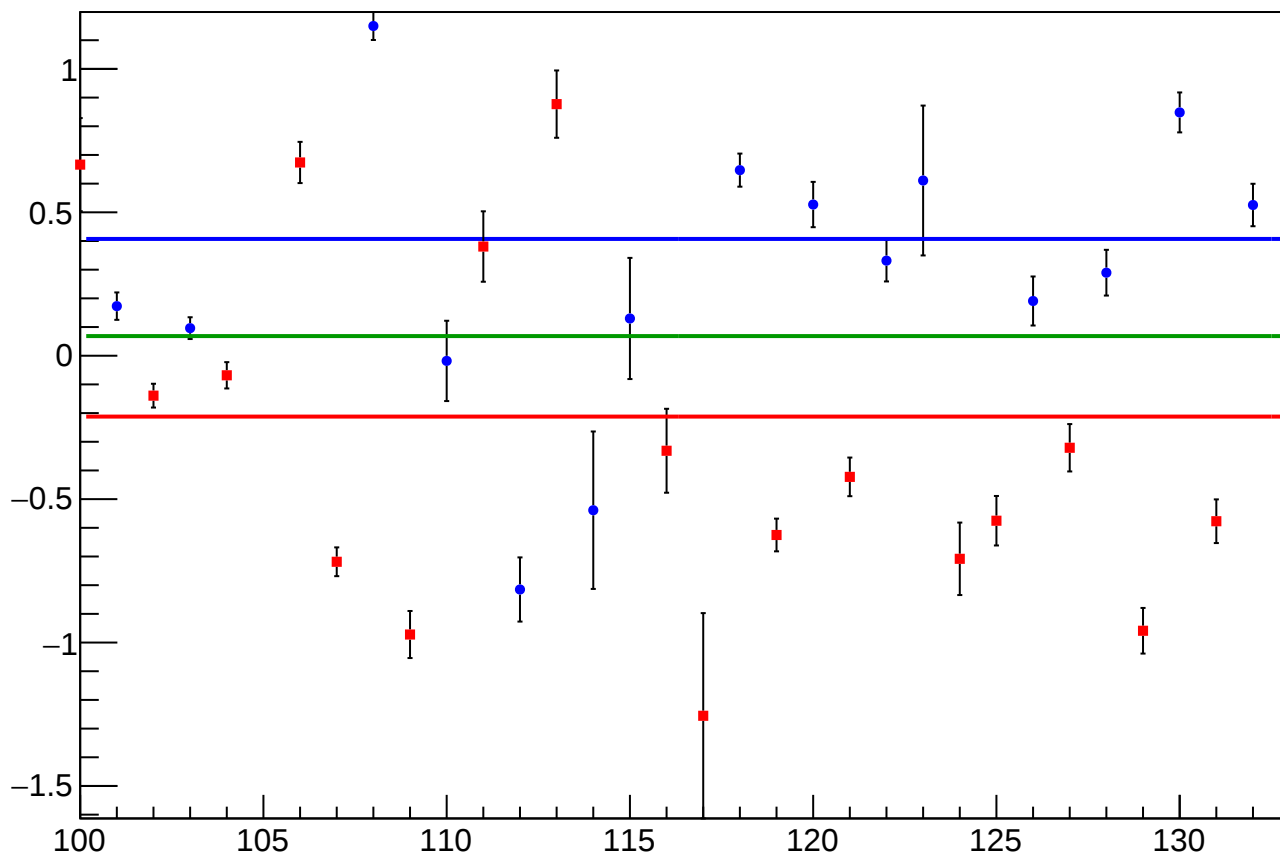
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-101.910+/-0.297 χ^2/NDF : 4112.6/14

10.099+/-0.200 χ^2/NDF : 271234.4/32

103.780+/-0.272 χ^2/NDF : 5942.2/17

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: -0.212 $\pm$ 0.016 χ^2 /NDF: 957.7/17

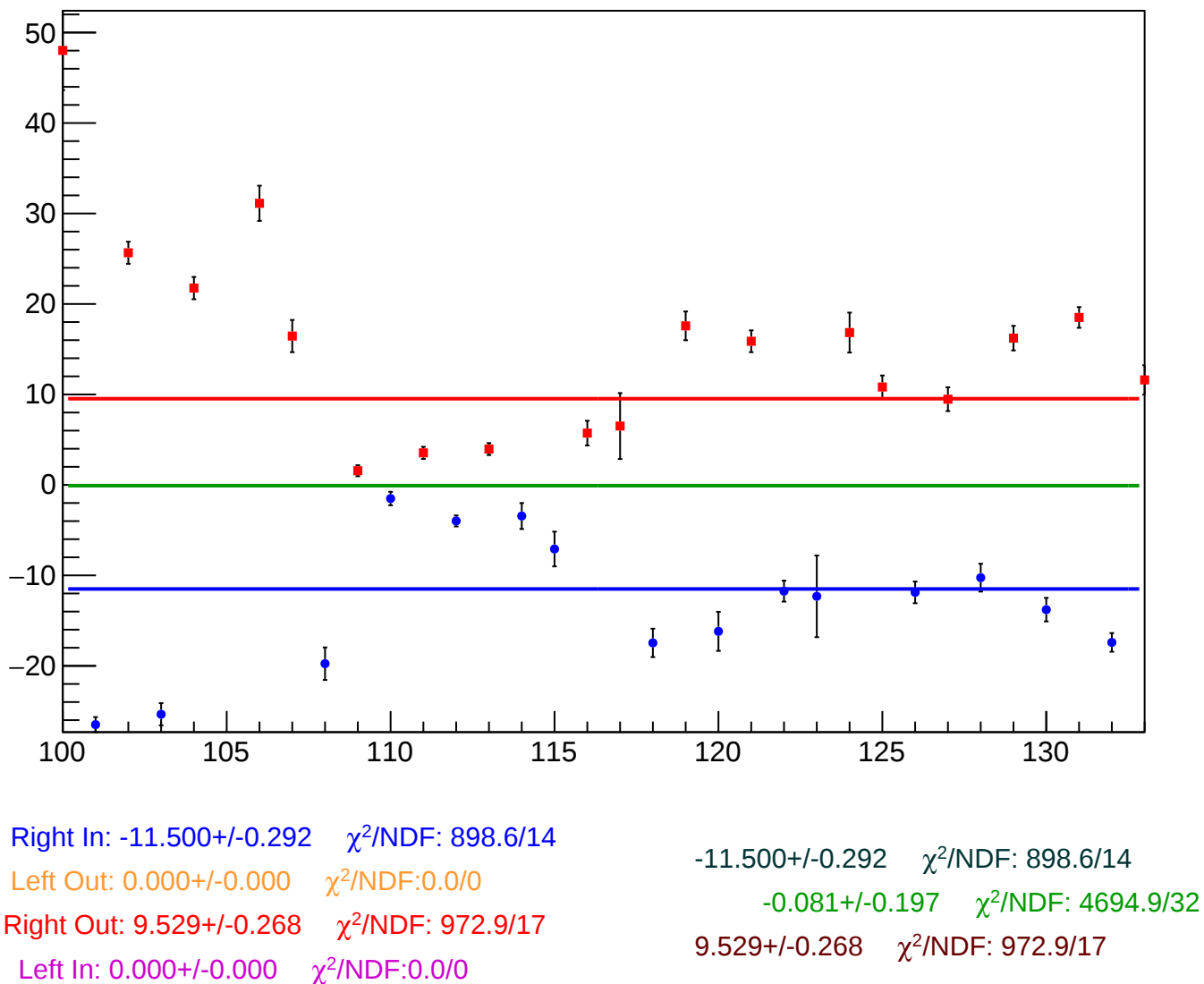
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.407 $\pm$ 0.018 χ^2 /NDF: 537.6/14

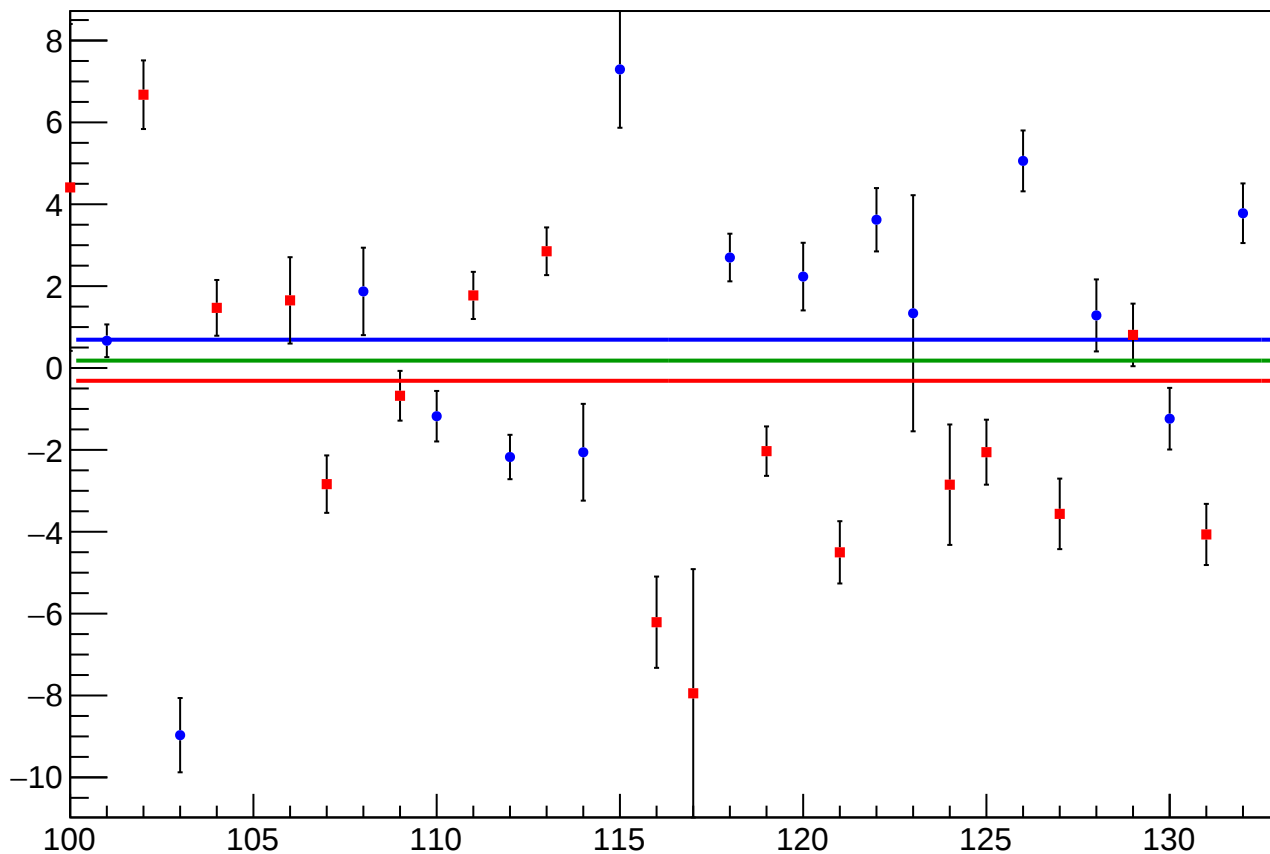
0.068 $\pm$ 0.012 χ^2 /NDF: 2138.9/32

-0.212 $\pm$ 0.016 χ^2 /NDF: 957.7/17

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.692 ± 0.187 $\chi^2/\text{NDF}: 267.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.312 ± 0.184 $\chi^2/\text{NDF}: 273.0/17$

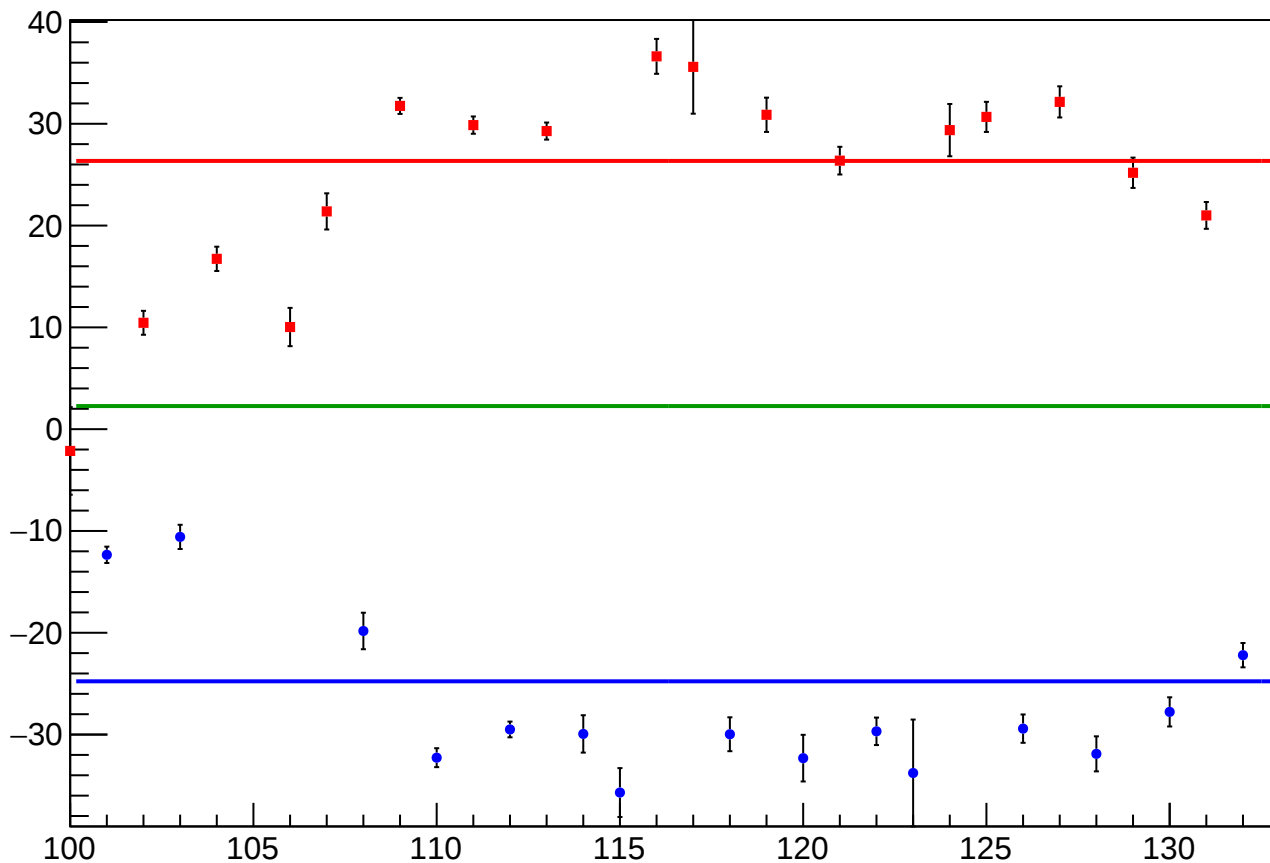
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.692 ± 0.187 $\chi^2/\text{NDF}: 267.8/14$

0.181 ± 0.131 $\chi^2/\text{NDF}: 555.5/32$

-0.312 ± 0.184 $\chi^2/\text{NDF}: 273.0/17$

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: 26.351+/-0.314 χ^2/NDF : 545.8/17

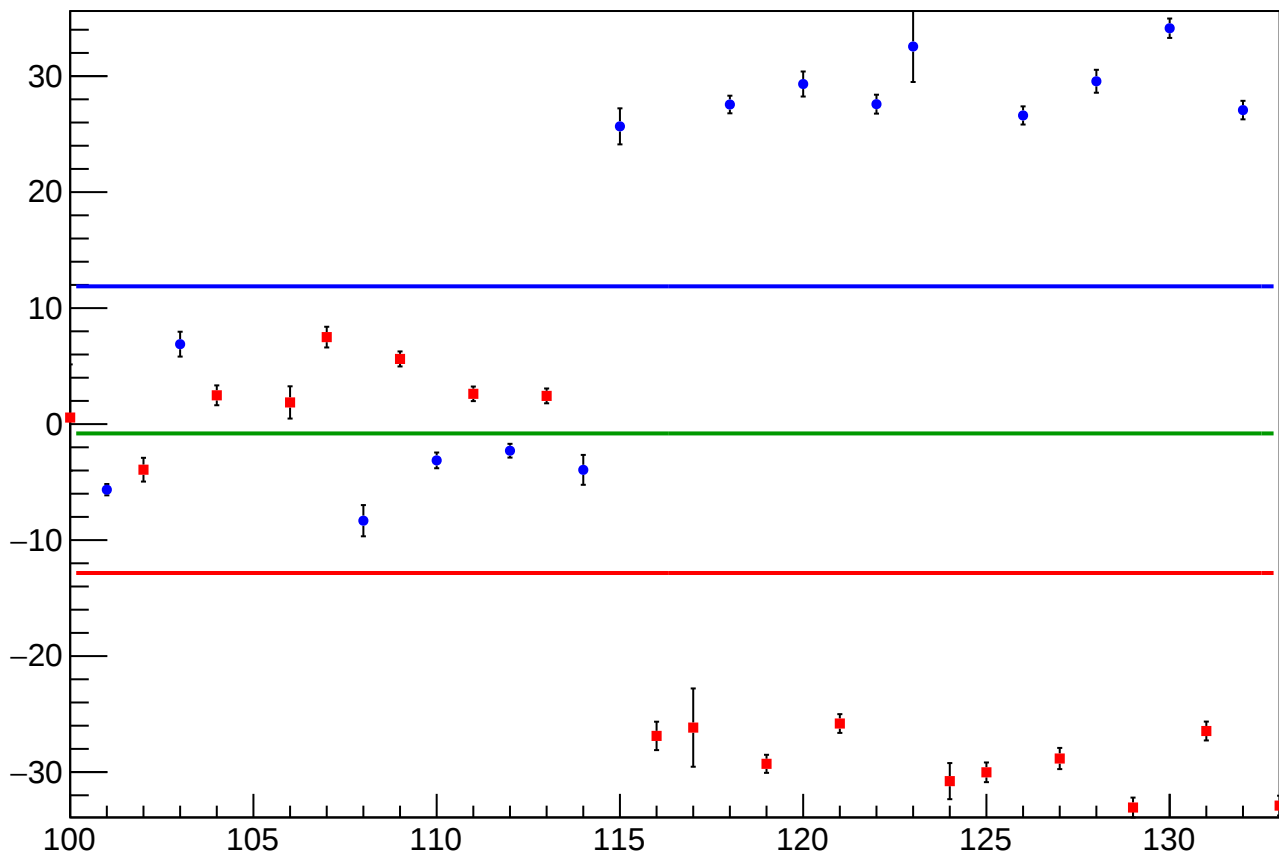
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.769+/-0.332 χ^2/NDF : 595.0/14

2.270+/-0.228 χ^2/NDF : 13655.5/32

26.351+/-0.314 χ^2/NDF : 545.8/17

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: -12.836+/-0.210 χ^2/NDF : 6112.9/17

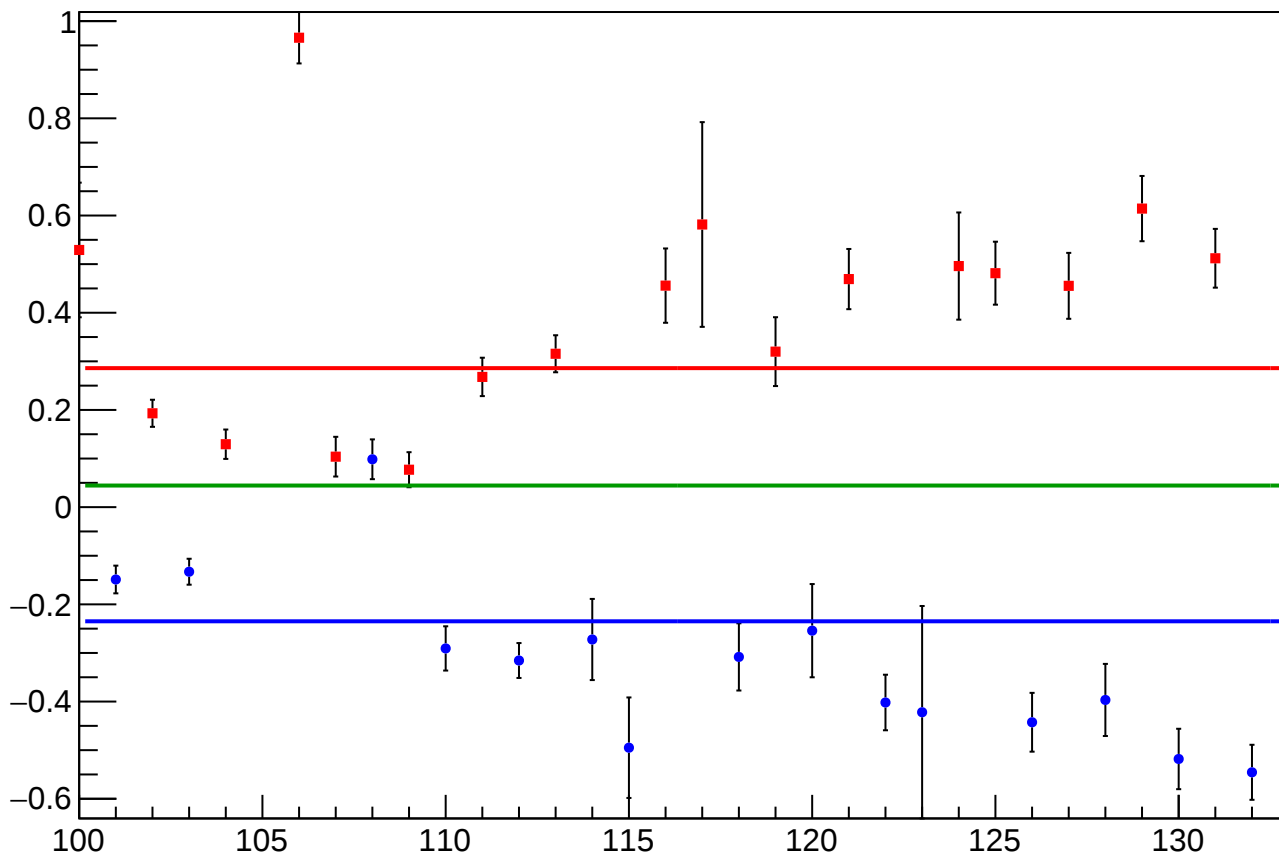
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.878+/-0.216 χ^2/NDF : 5677.8/14

-0.804+/-0.150 χ^2/NDF : 18535.7/32

-12.836+/-0.210 χ^2/NDF : 6112.9/17

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: 0.286+/-0.012 χ^2/NDF : 337.0/17

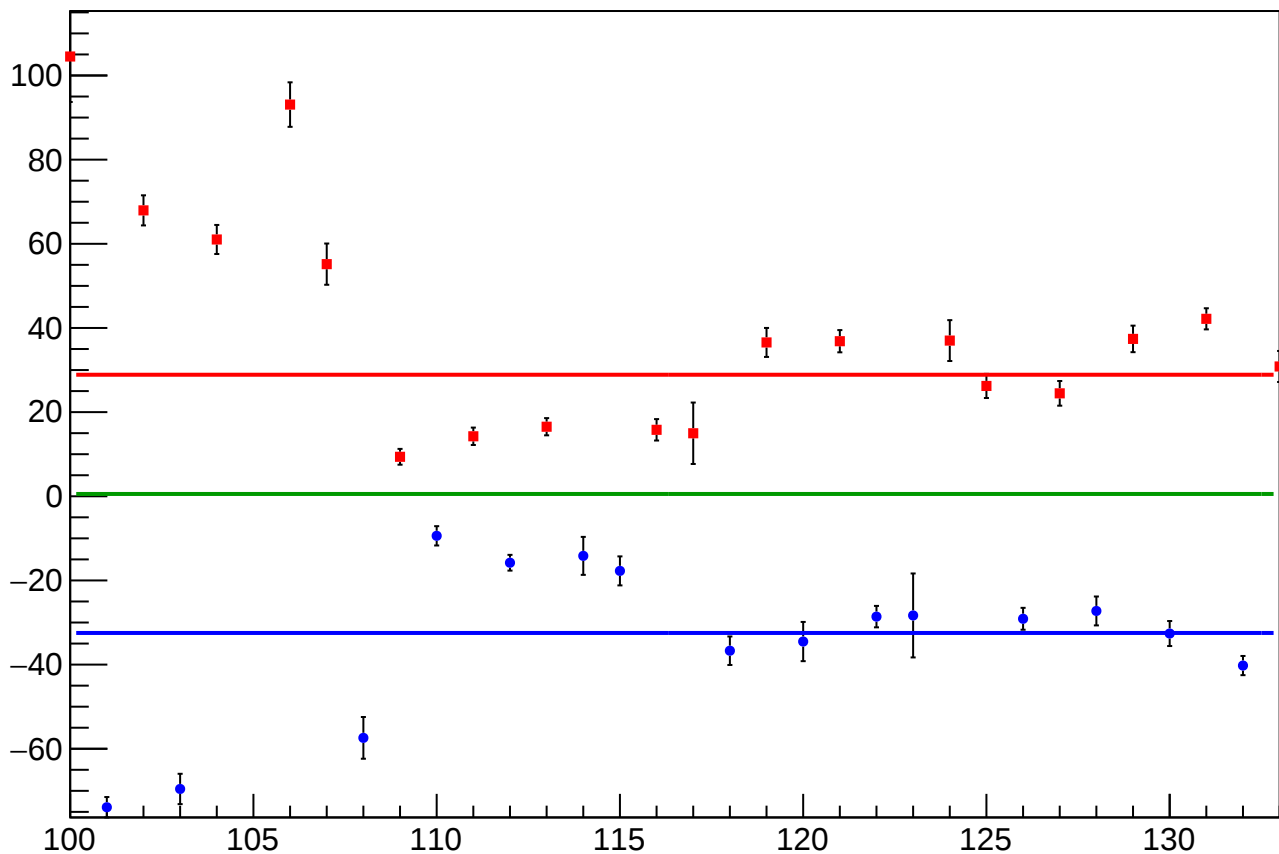
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.235+/-0.013 χ^2/NDF : 181.0/14

0.044+/-0.009 χ^2/NDF : 1449.0/32

0.286+/-0.012 χ^2/NDF : 337.0/17

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: 28.885 ± 0.704 χ^2/NDF : 711.1/17

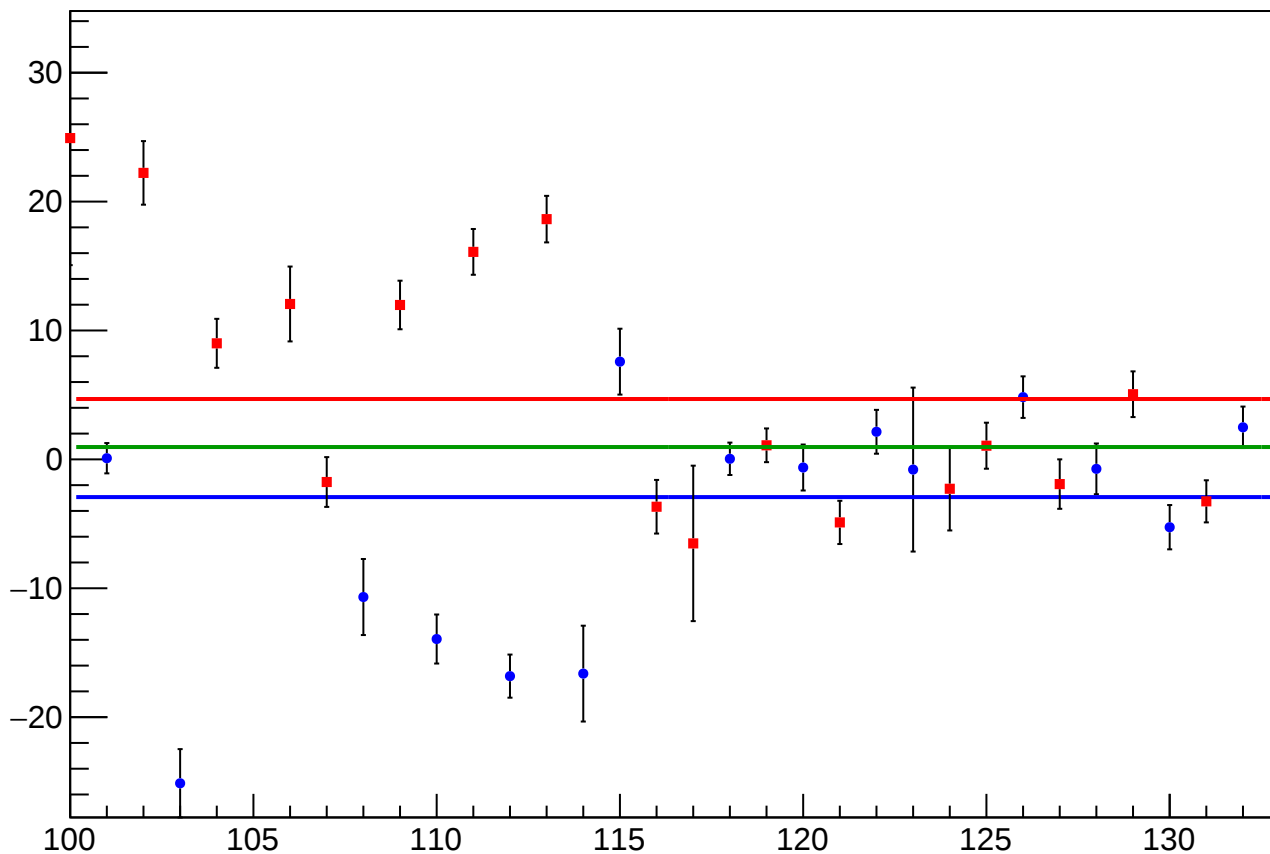
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.480 ± 0.760 χ^2/NDF : 657.7/14

0.551 ± 0.516 χ^2/NDF : 4879.2/32

28.885 ± 0.704 χ^2/NDF : 711.1/17

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.926+/-0.470 χ^2/NDF : 270.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.684+/-0.460 χ^2/NDF : 299.1/17

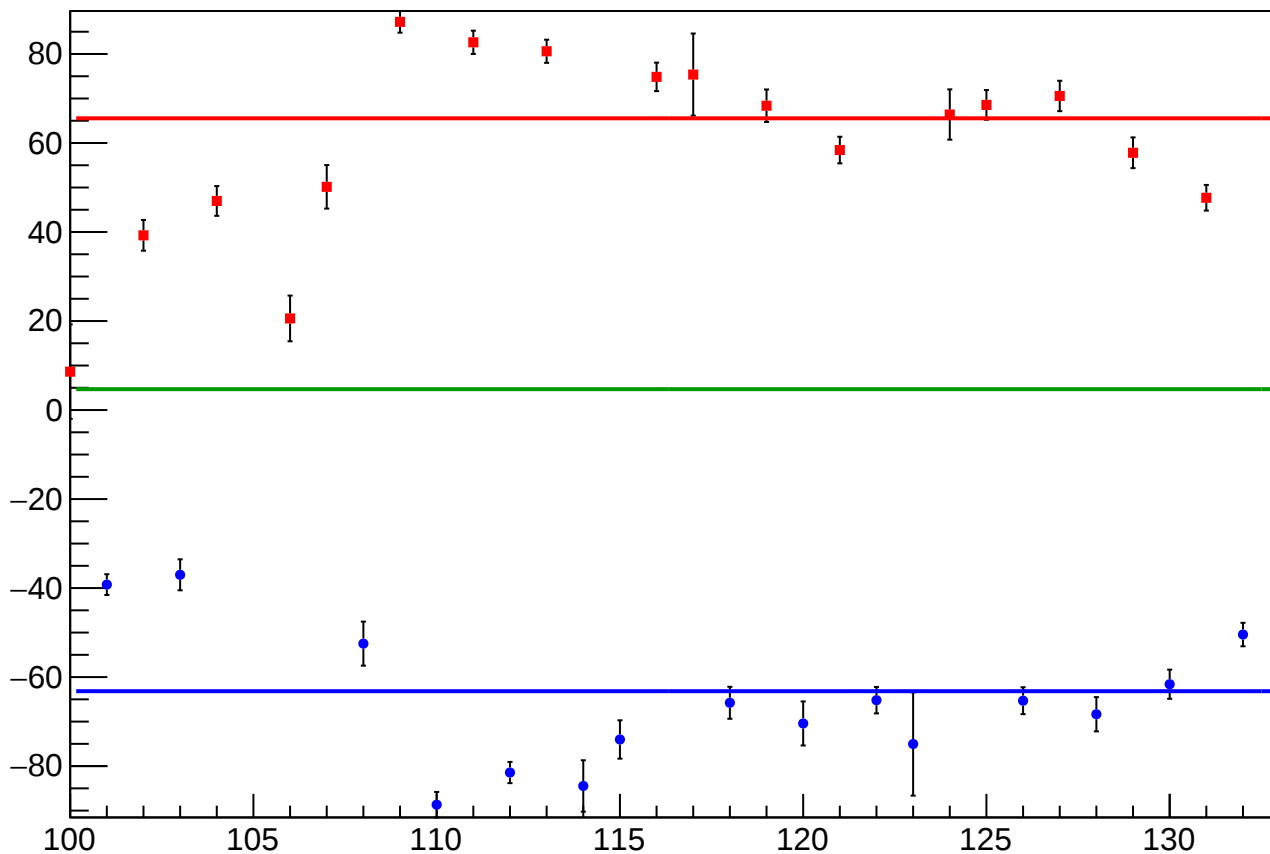
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.926+/-0.470 χ^2/NDF : 270.4/14

0.958+/-0.329 χ^2/NDF : 703.2/32

4.684+/-0.460 χ^2/NDF : 299.1/17

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: 65.546 ± 0.818 χ^2/NDF : 422.0/17

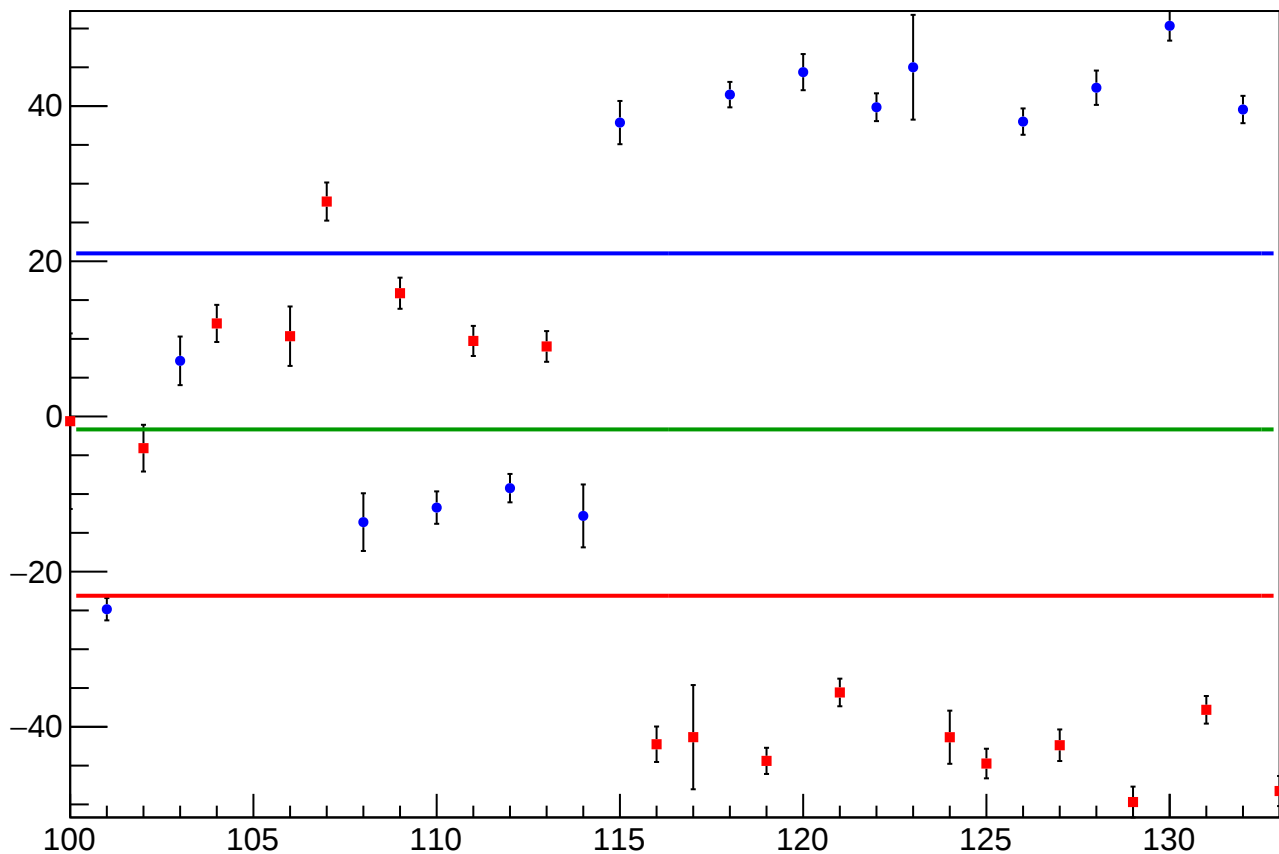
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-63.170 ± 0.864 χ^2/NDF : 353.8/14

4.692 ± 0.594 χ^2/NDF : 12490.4/32

65.546 ± 0.818 χ^2/NDF : 422.0/17

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: -23.107+/-0.526 χ^2/NDF : 2638.3/17

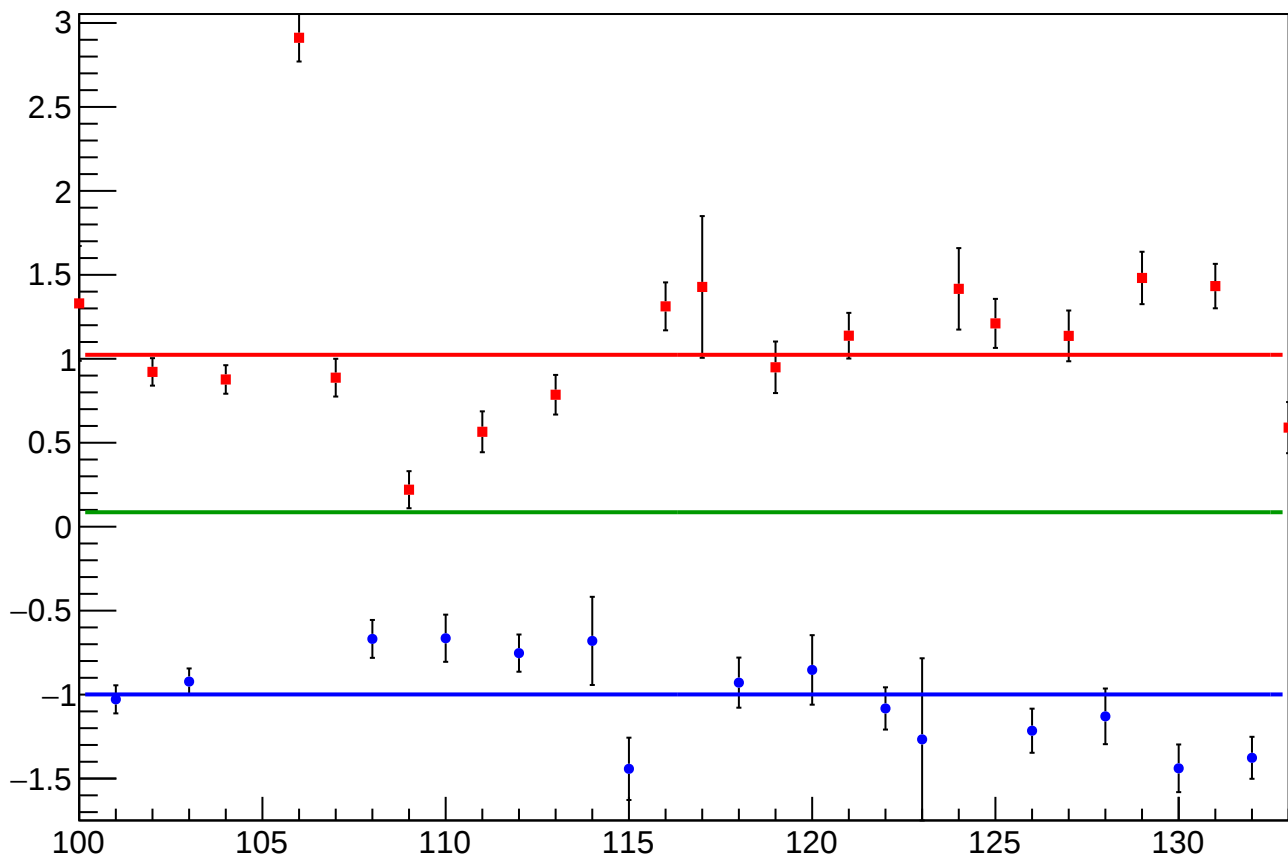
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.018+/-0.541 χ^2/NDF : 2670.9/14

-1.670+/-0.377 χ^2/NDF : 8727.0/32

-23.107+/-0.526 χ^2/NDF : 2638.3/17

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.999 ± 0.033 χ^2/NDF : 51.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.024 ± 0.031 χ^2/NDF : 293.2/17

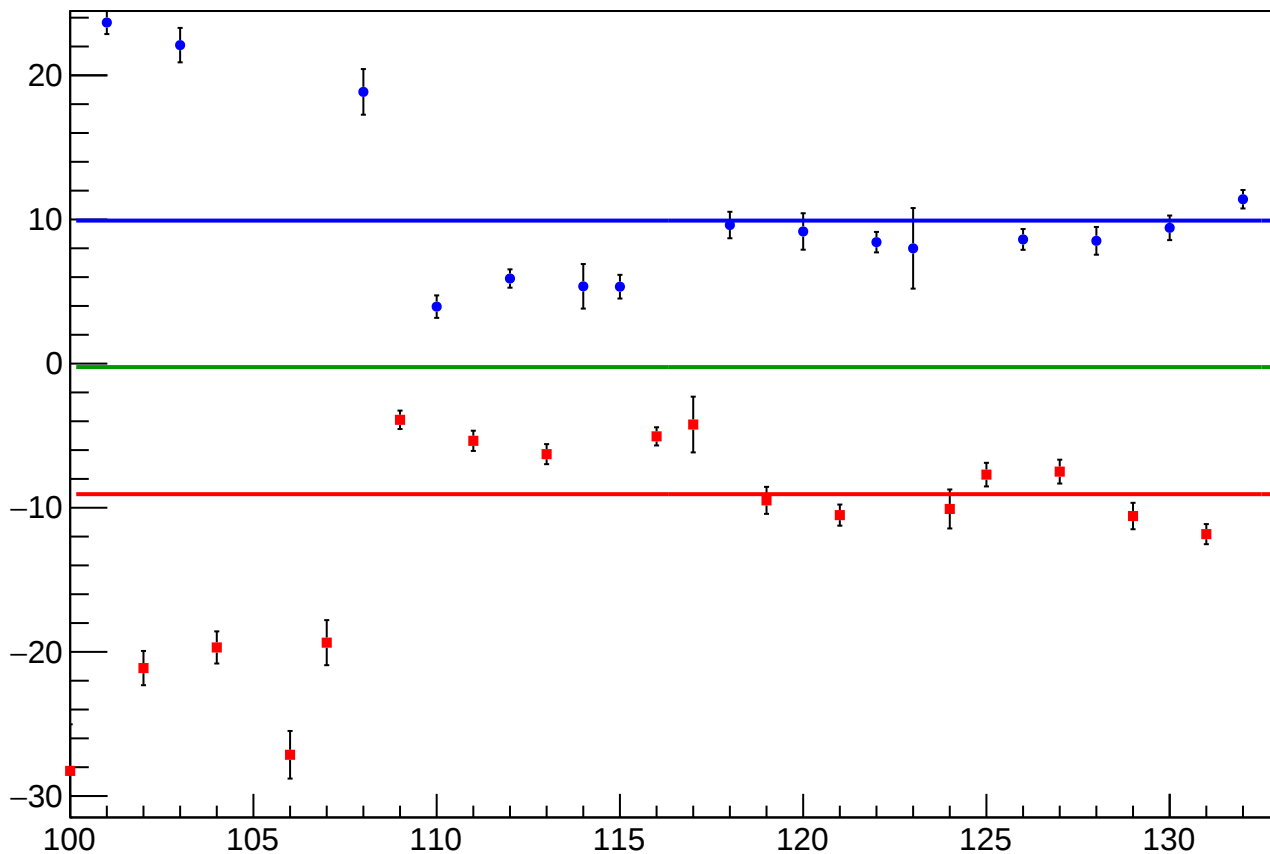
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.999 ± 0.033 χ^2/NDF : 51.0/14

0.086 ± 0.023 χ^2/NDF : 2329.9/32

1.024 ± 0.031 χ^2/NDF : 293.2/17

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: -9.058 $\pm$ 0.211 χ^2 /NDF: 578.1/17

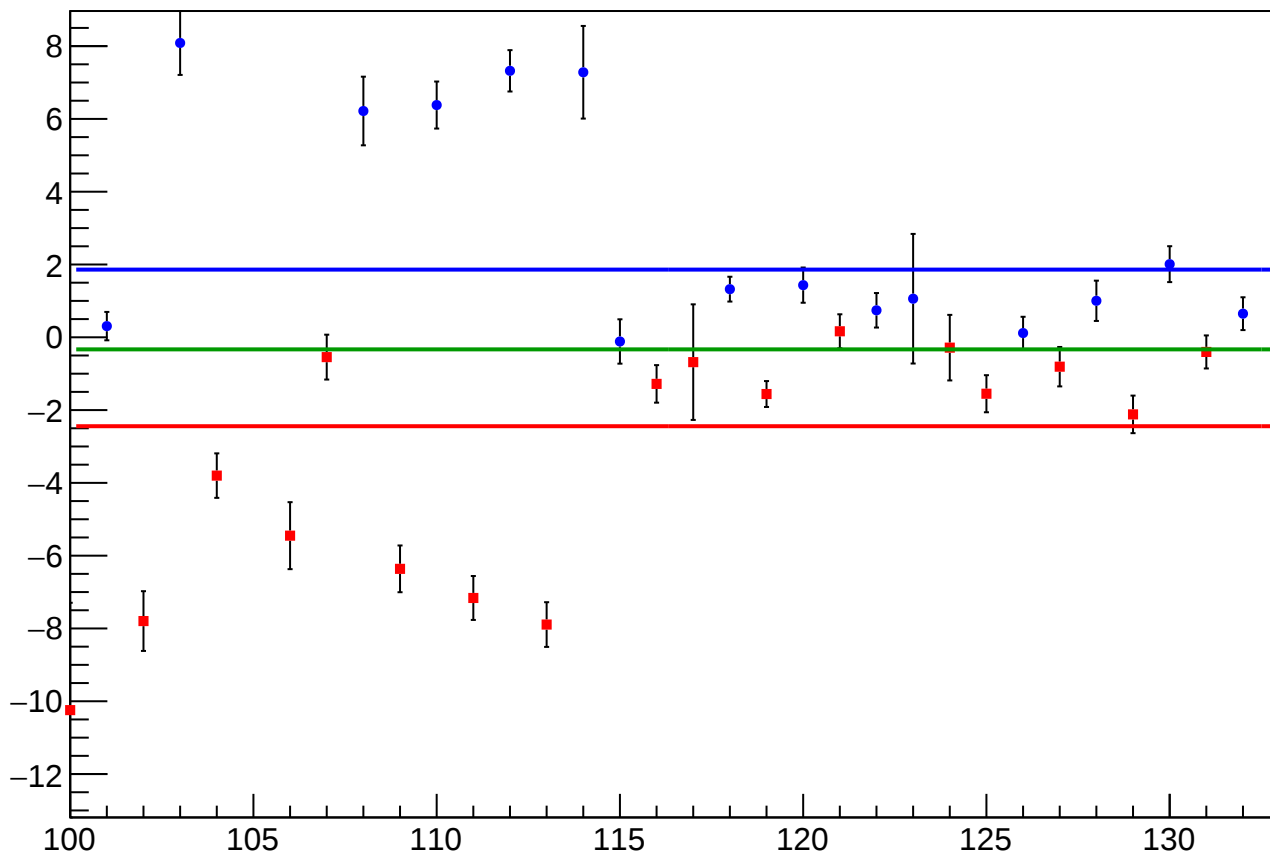
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.922 $\pm$ 0.227 χ^2 /NDF: 586.0/14

-0.240 $\pm$ 0.155 χ^2 /NDF: 4910.6/32

-9.058 $\pm$ 0.211 χ^2 /NDF: 578.1/17

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: -2.443 $\pm$ 0.135 χ^2/NDF : 334.3/17

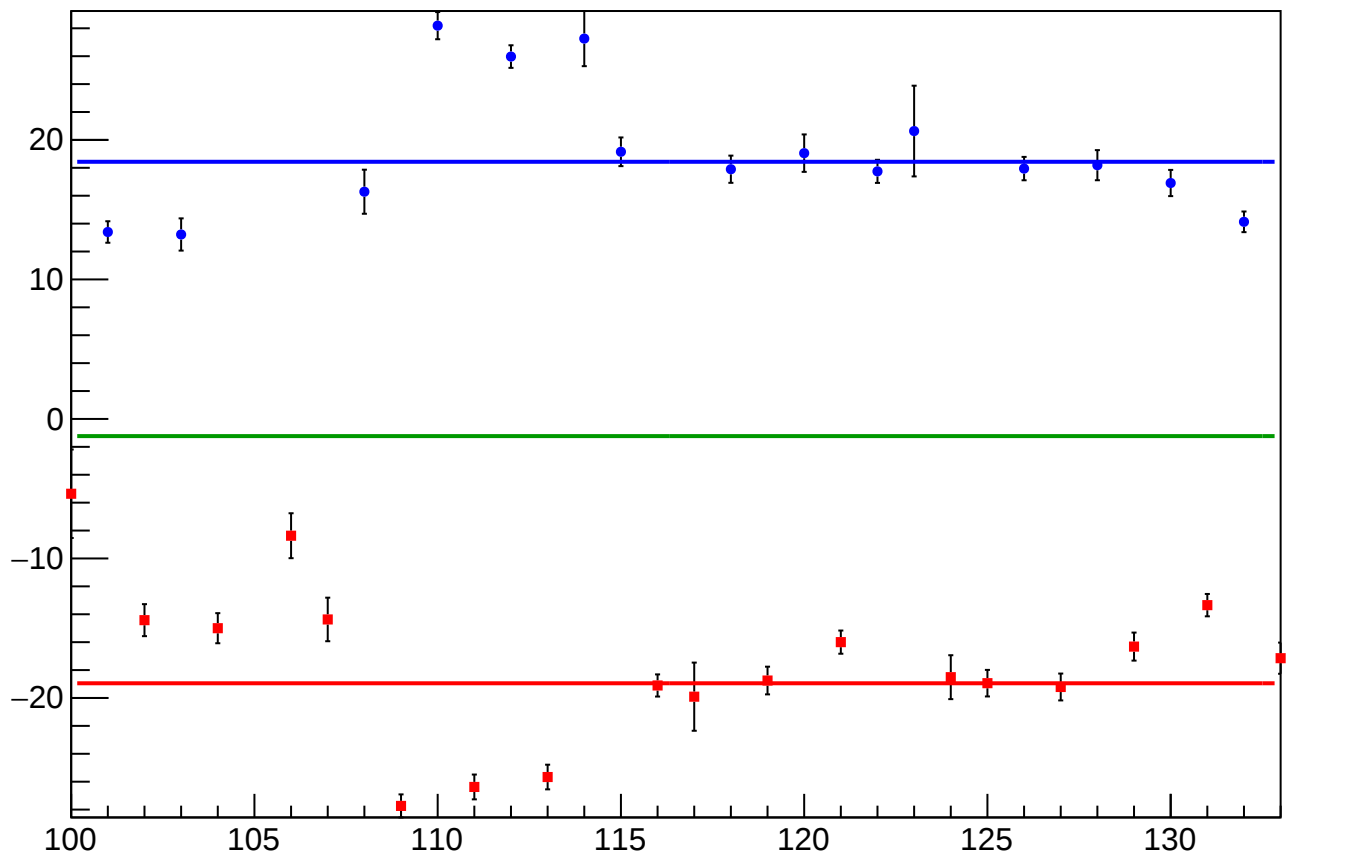
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.860 $\pm$ 0.138 χ^2/NDF : 291.5/14

-0.332 $\pm$ 0.096 χ^2/NDF : 1123.2/32

-2.443 $\pm$ 0.135 χ^2/NDF : 334.3/17

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: -18.946 $\pm$ 0.245 χ^2 /NDF: 410.9/17

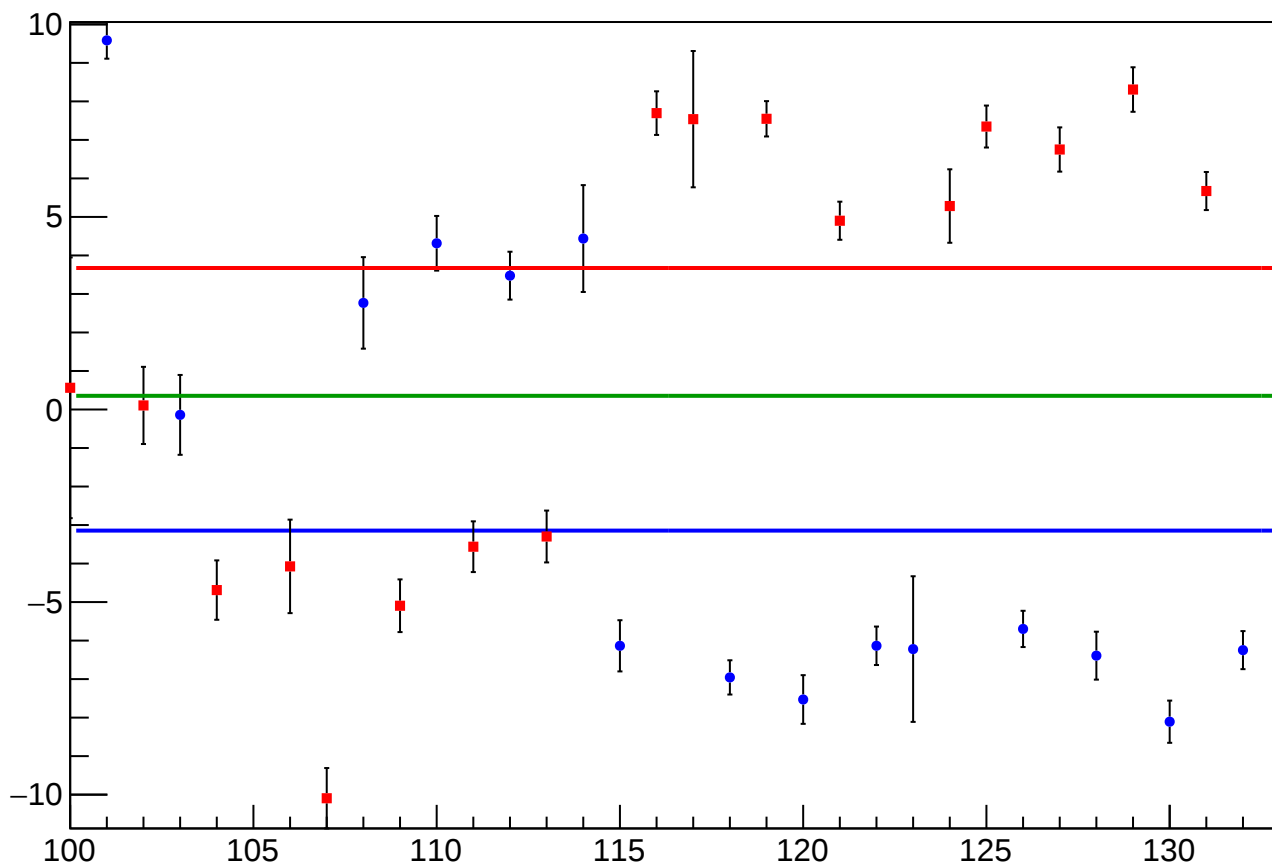
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

18.432 $\pm$ 0.258 χ^2 /NDF: 311.0/14

-1.230 $\pm$ 0.178 χ^2 /NDF: 11762.4/32

-18.946 $\pm$ 0.245 χ^2 /NDF: 410.9/17

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: 3.674+/-0.154 χ^2 /NDF: 1217.6/17

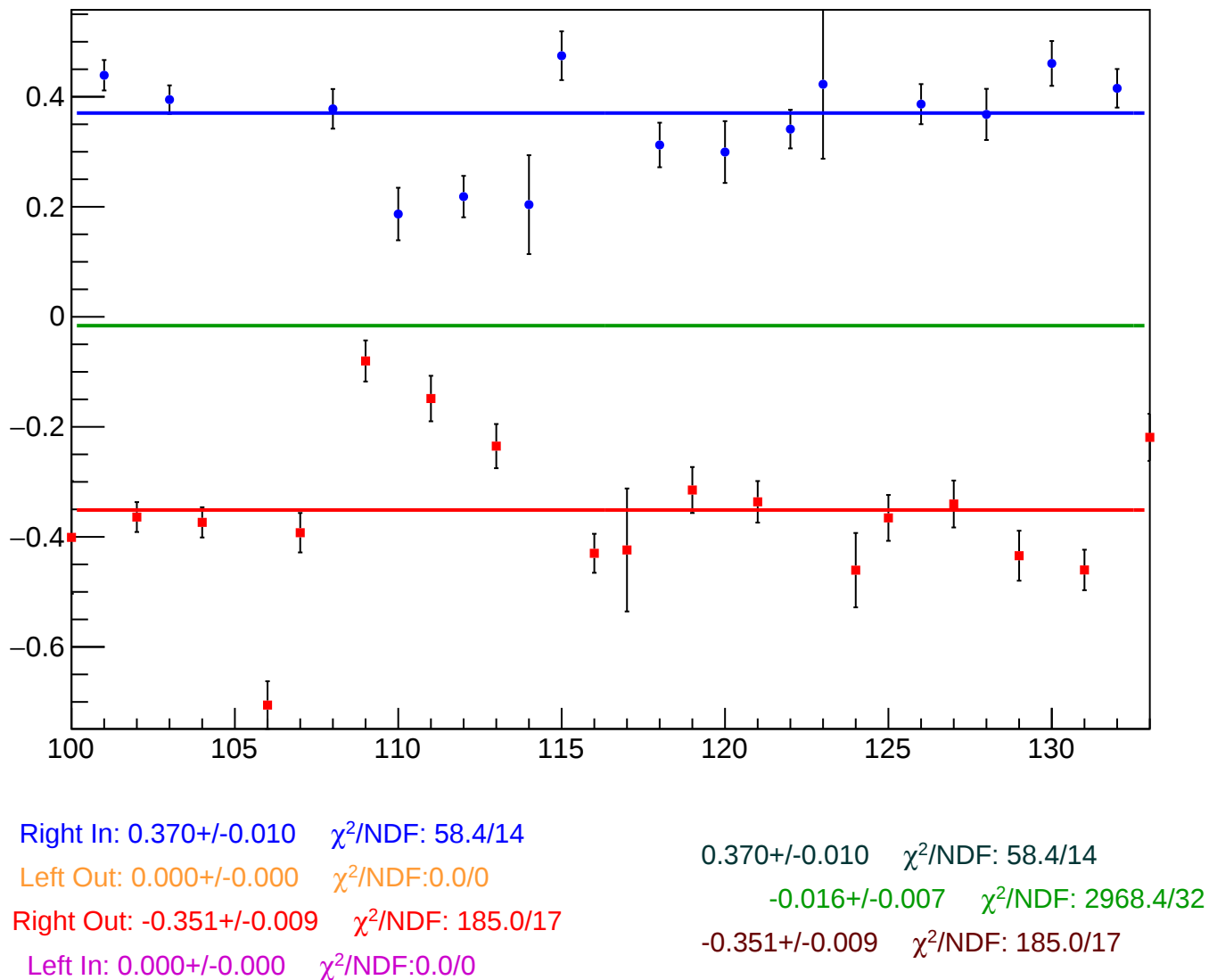
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.144+/-0.159 χ^2 /NDF: 1360.0/14

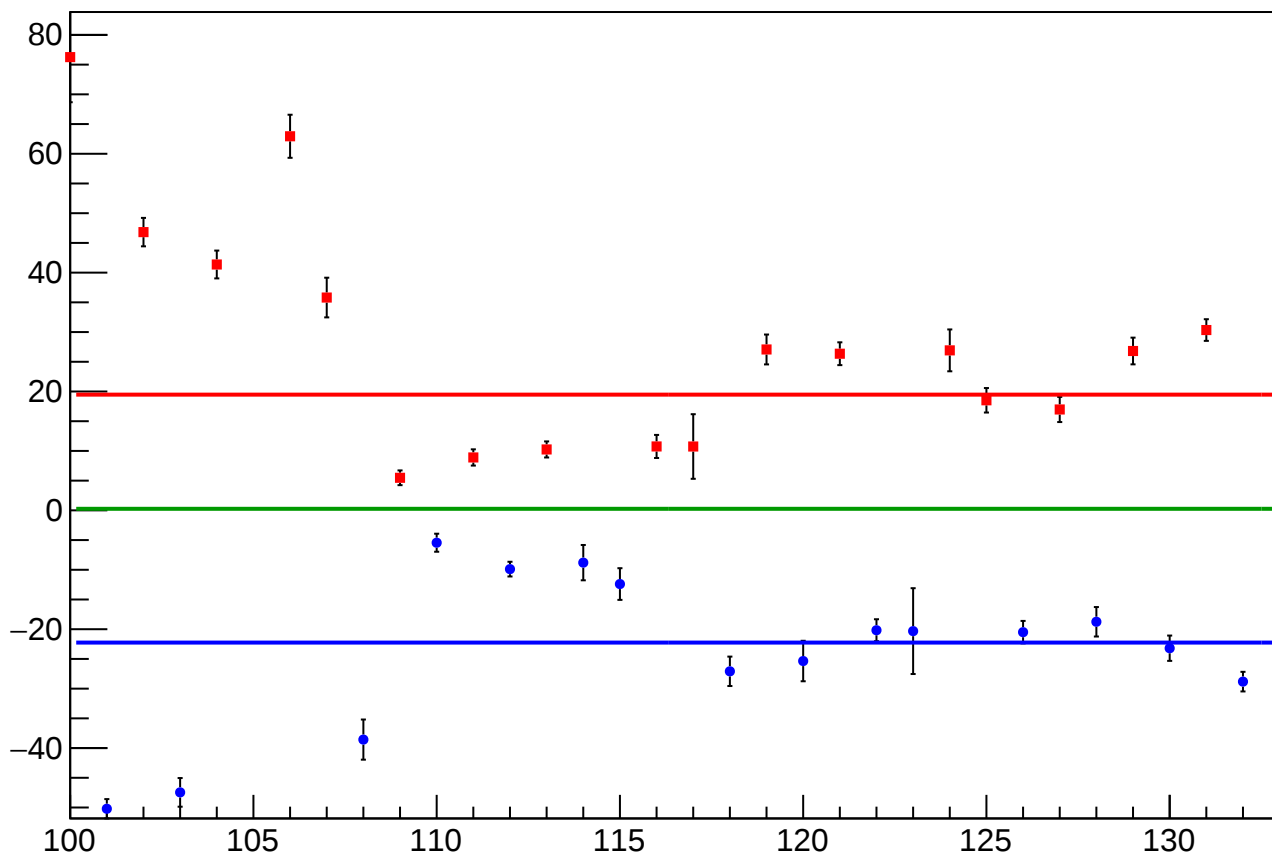
0.355+/-0.111 χ^2 /NDF: 3526.7/32

3.674+/-0.154 χ^2 /NDF: 1217.6/17

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -22.248+/-0.529 χ^2/NDF : 708.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.471+/-0.489 χ^2/NDF : 773.0/17

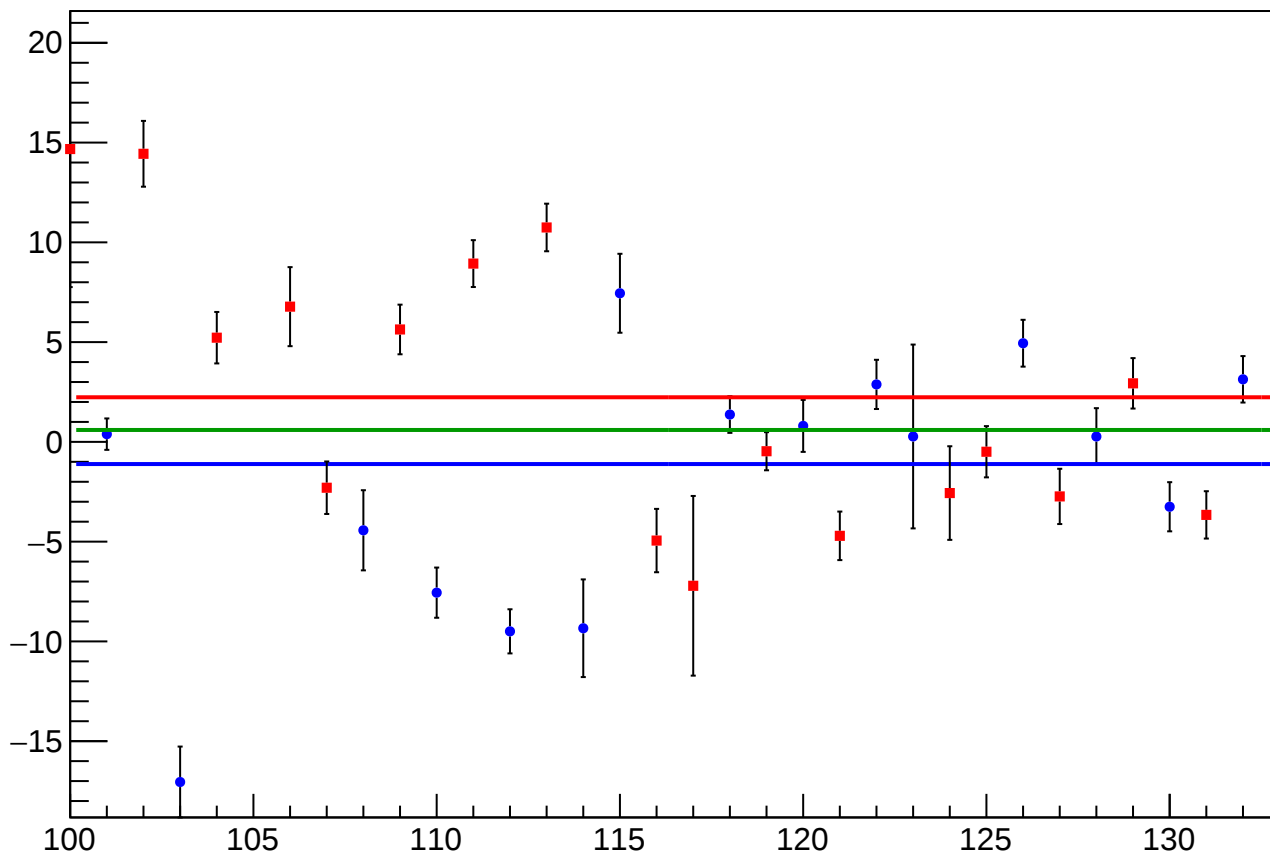
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-22.248+/-0.529 χ^2/NDF : 708.9/14

0.261+/-0.359 χ^2/NDF : 4834.3/32

19.471+/-0.489 χ^2/NDF : 773.0/17

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: 2.236+/-0.324 χ^2/NDF : 287.3/17

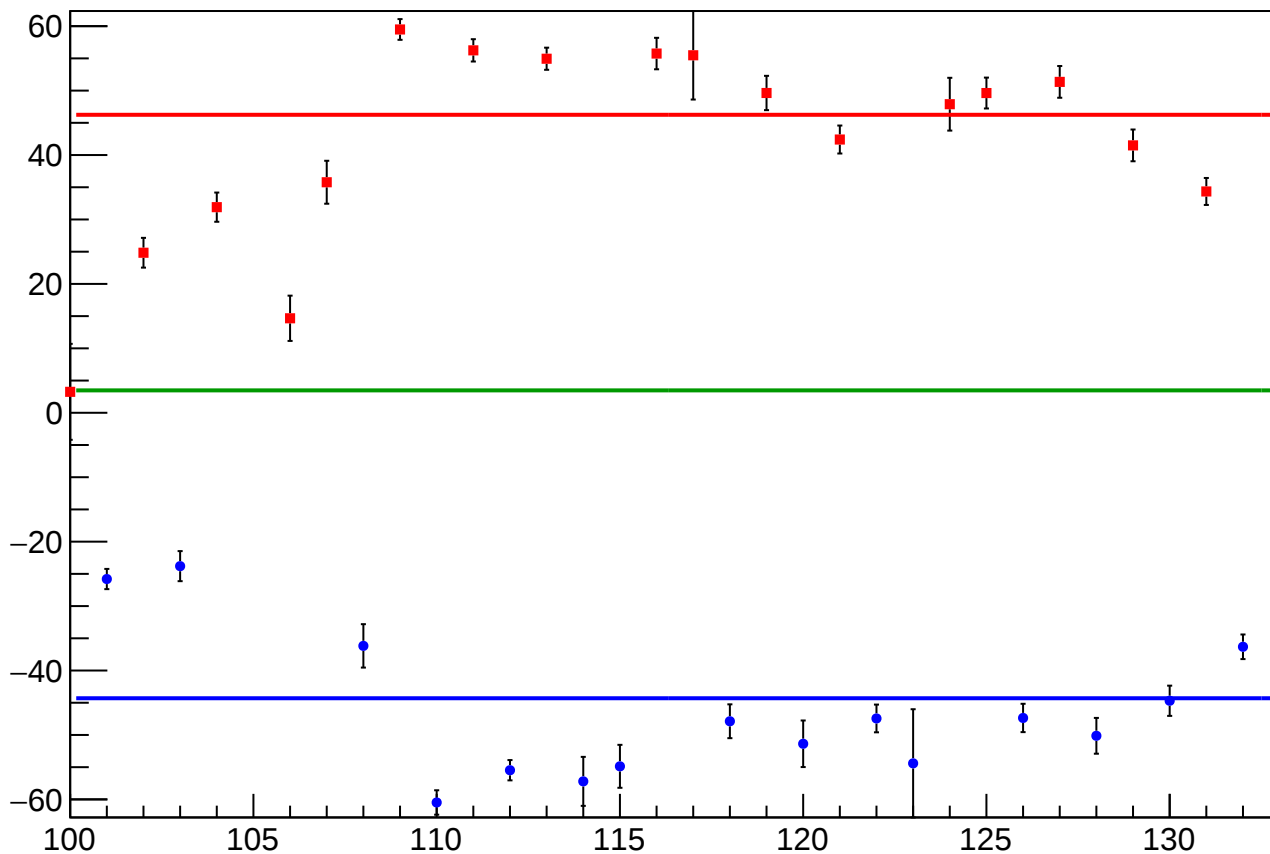
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.112+/-0.331 χ^2/NDF : 264.6/14

0.597+/-0.231 χ^2/NDF : 604.2/32

2.236+/-0.324 χ^2/NDF : 287.3/17

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.303 ± 0.602 χ^2/NDF : 399.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 46.246 ± 0.569 χ^2/NDF : 441.2/17

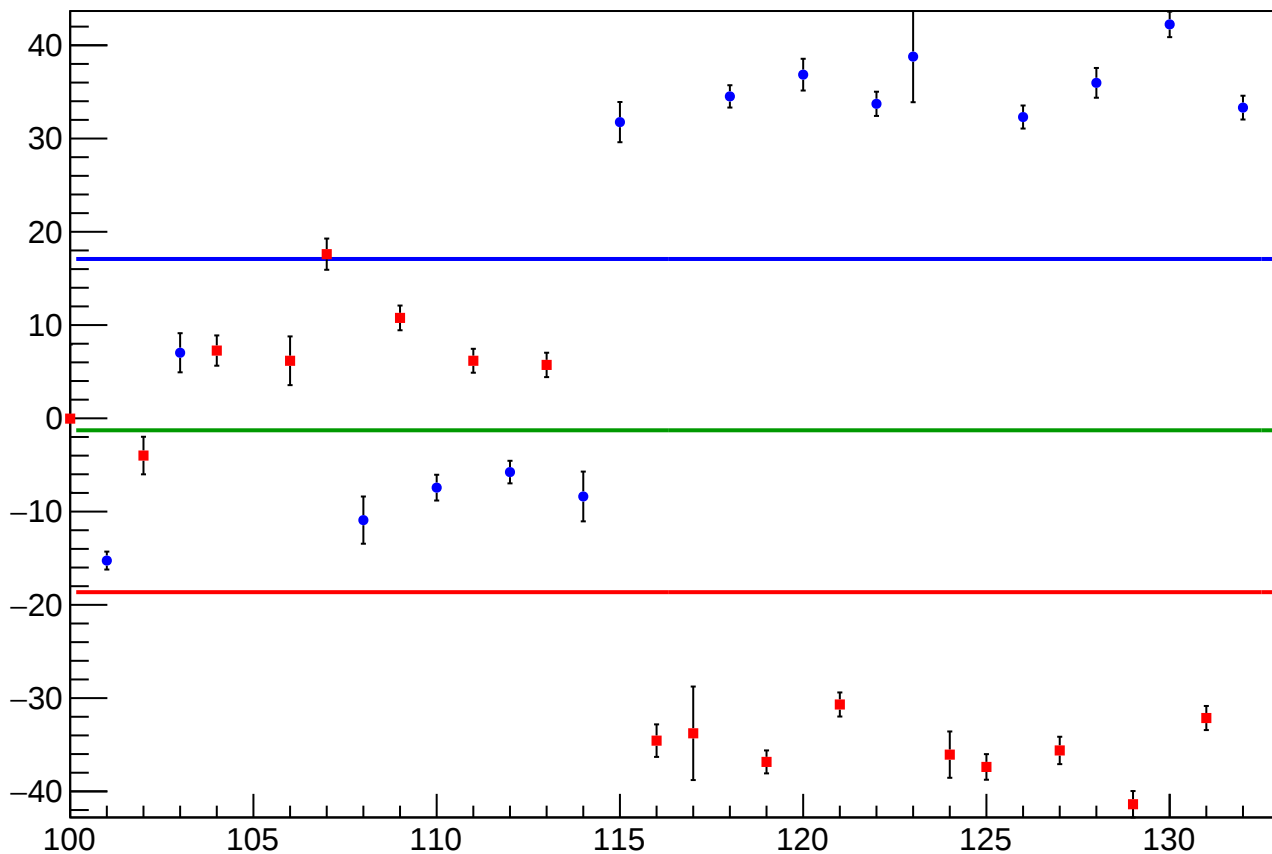
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.303 ± 0.602 χ^2/NDF : 399.9/14

3.477 ± 0.413 χ^2/NDF : 12794.3/32

46.246 ± 0.569 χ^2/NDF : 441.2/17

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: -18.640+/-0.370 χ^2 /NDF: 3467.3/17

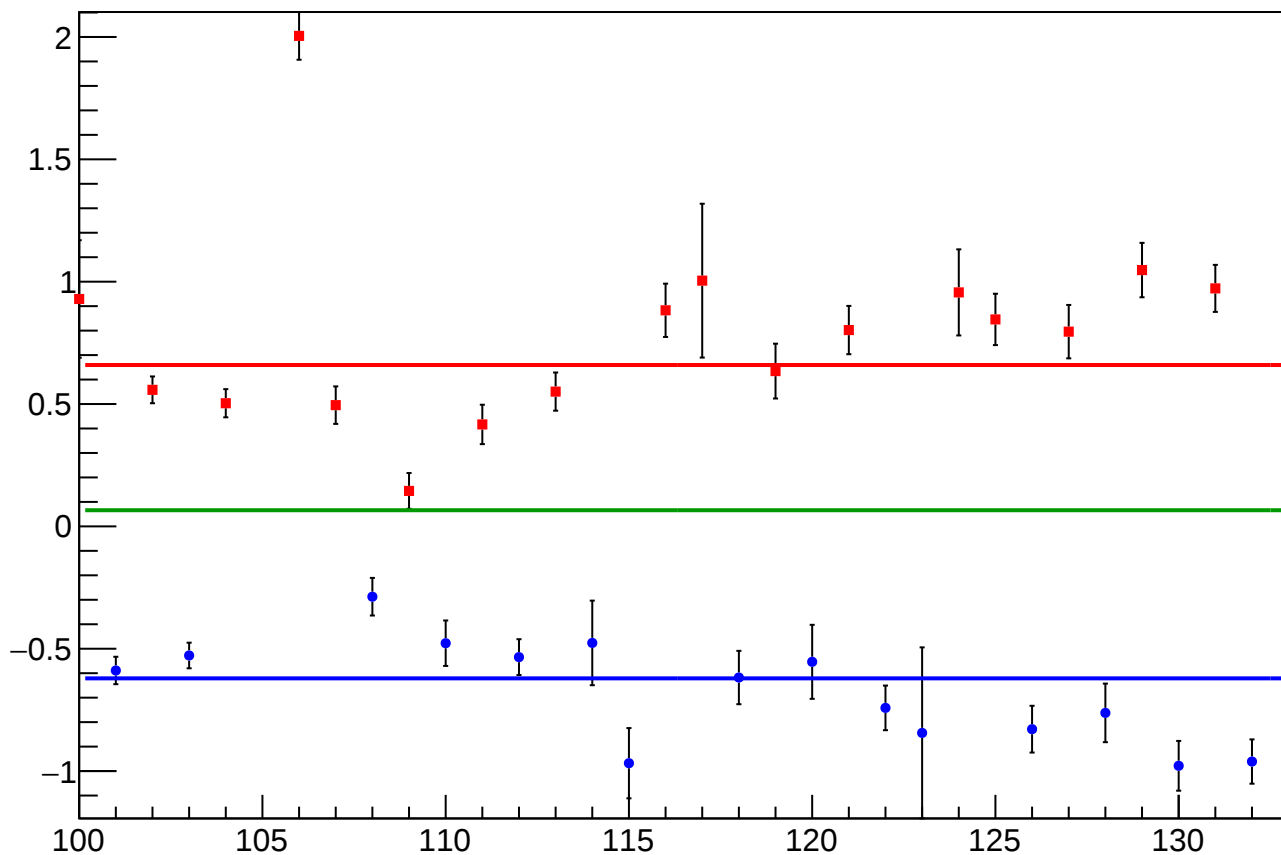
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.085+/-0.381 χ^2 /NDF: 3408.7/14

-1.283+/-0.265 χ^2 /NDF: 11405.1/32

-18.640+/-0.370 χ^2 /NDF: 3467.3/17

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.621 ± 0.023 χ^2/NDF : 67.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.659 ± 0.021 χ^2/NDF : 312.2/17

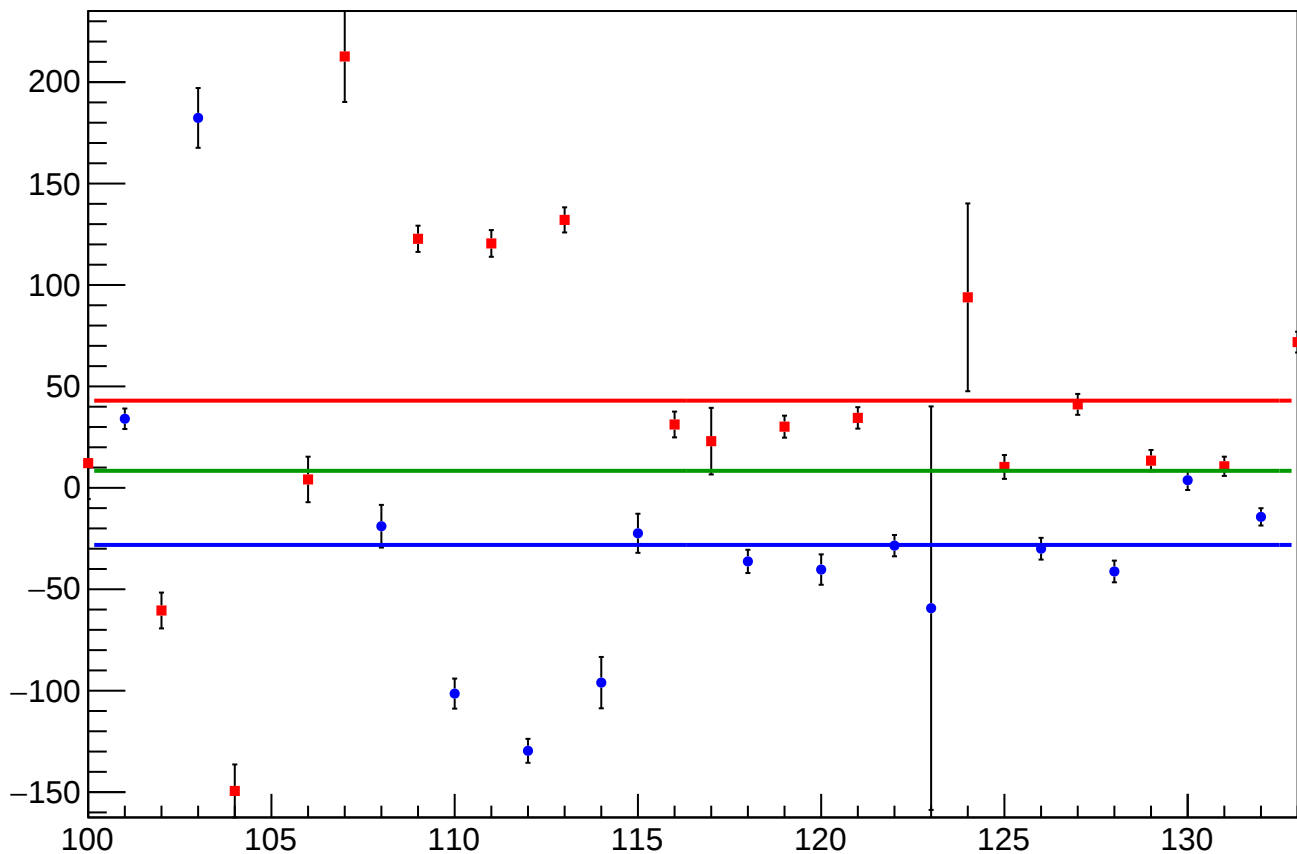
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.621 ± 0.023 χ^2/NDF : 67.6/14

0.066 ± 0.016 χ^2/NDF : 2044.5/32

0.659 ± 0.021 χ^2/NDF : 312.2/17

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: 42.984+/-1.603 χ^2/NDF : 1079.9/17

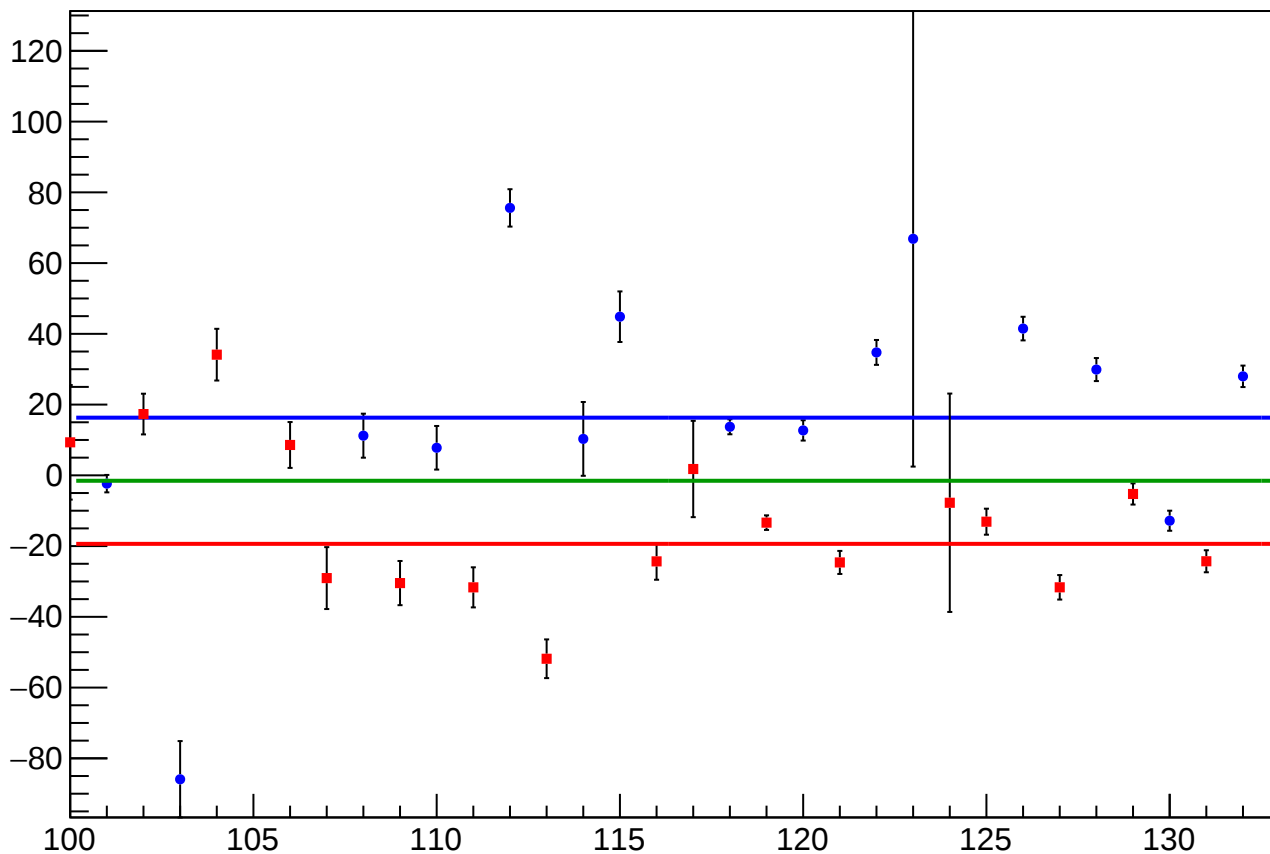
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.136+/-1.648 χ^2/NDF : 843.3/14

8.392+/-1.149 χ^2/NDF : 2880.0/32

42.984+/-1.603 χ^2/NDF : 1079.9/17

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: -19.369+/-0.940 χ^2/NDF : 241.9/17

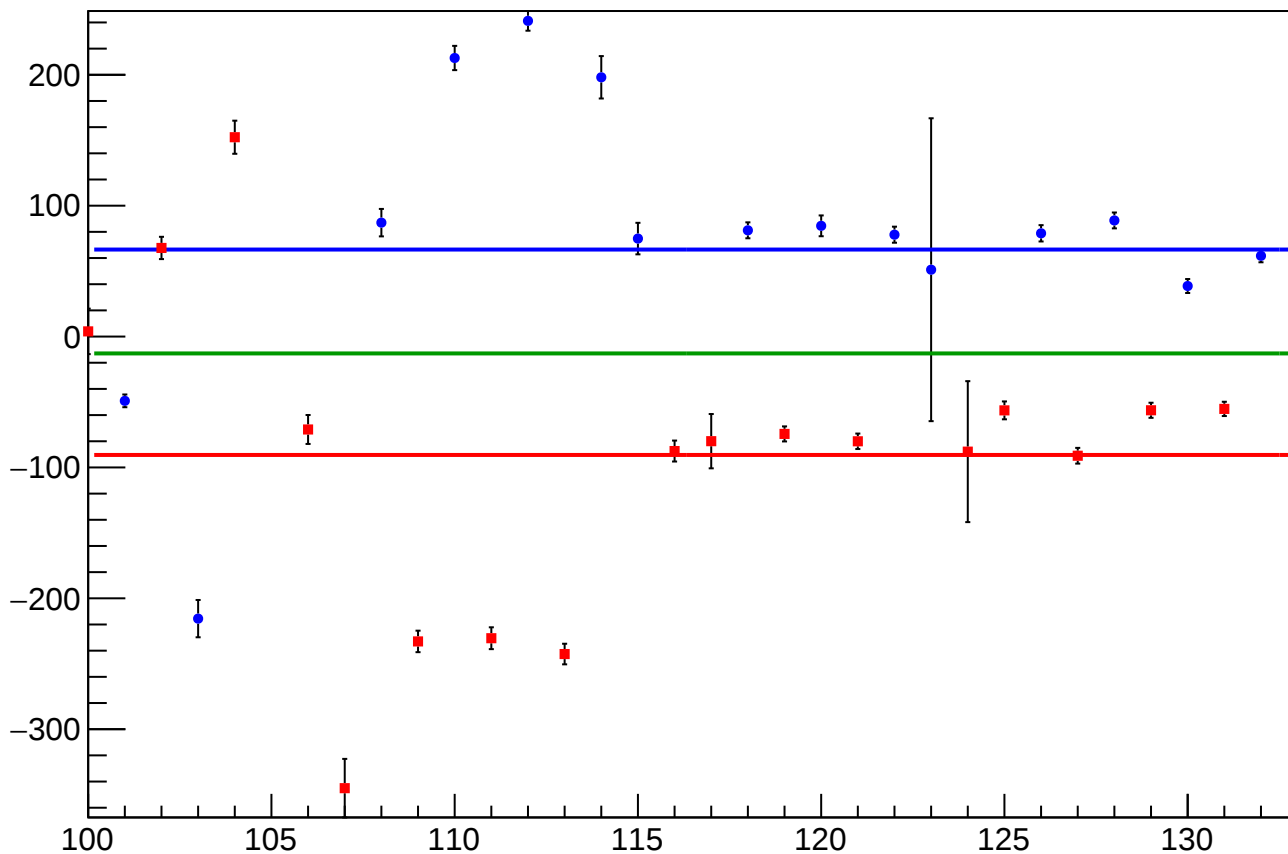
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.305+/-0.940 χ^2/NDF : 517.6/14

-1.536+/-0.664 χ^2/NDF : 1480.1/32

-19.369+/-0.940 χ^2/NDF : 241.9/17

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.484 ± 1.841 χ^2/NDF : 1875.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -90.459 ± 1.820 χ^2/NDF : 1966.8/17

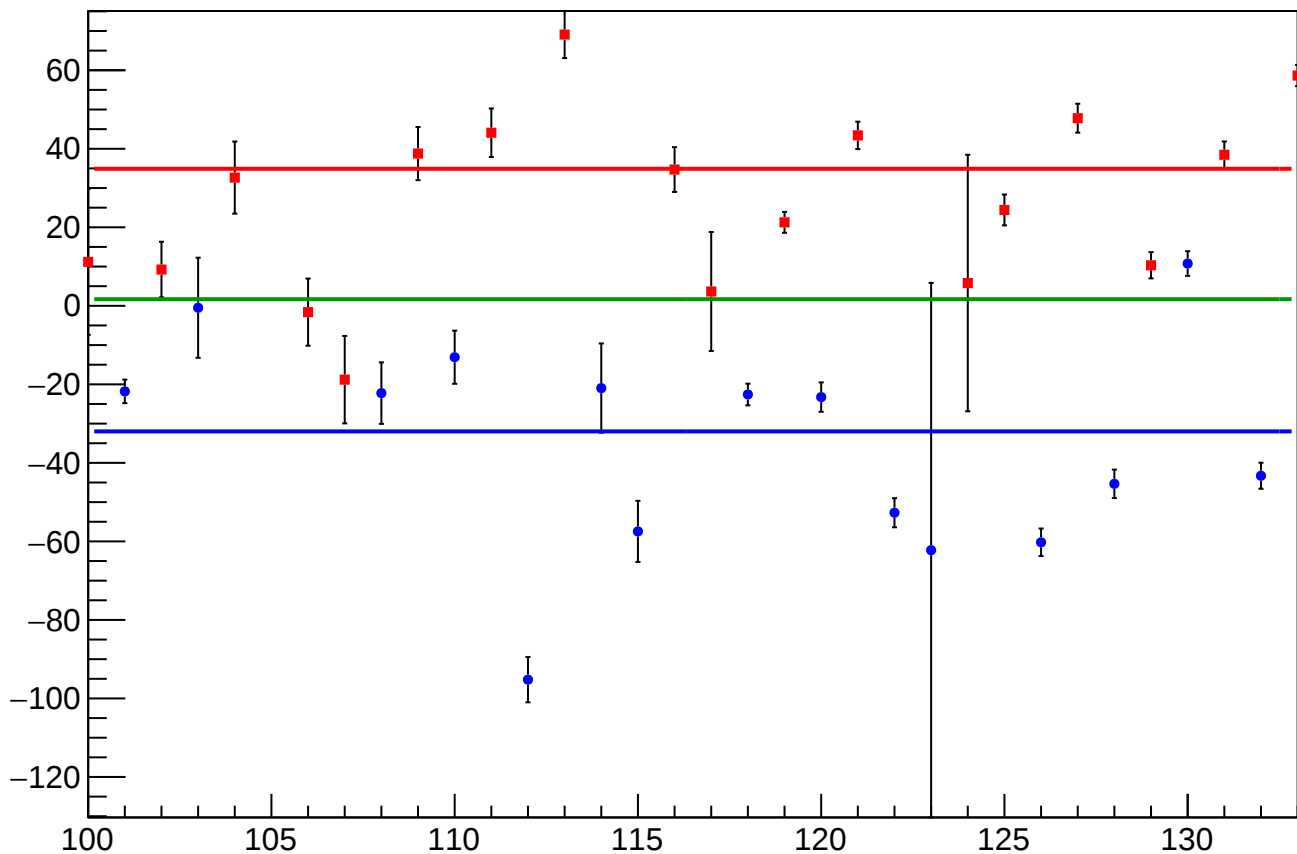
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

66.484 ± 1.841 χ^2/NDF : 1875.3/14

-12.888 ± 1.295 χ^2/NDF : 7515.6/32

-90.459 ± 1.820 χ^2/NDF : 1966.8/17

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.983 ± 1.095 $\chi^2/\text{NDF}: 481.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 34.905 ± 1.087 $\chi^2/\text{NDF}: 281.1/17$

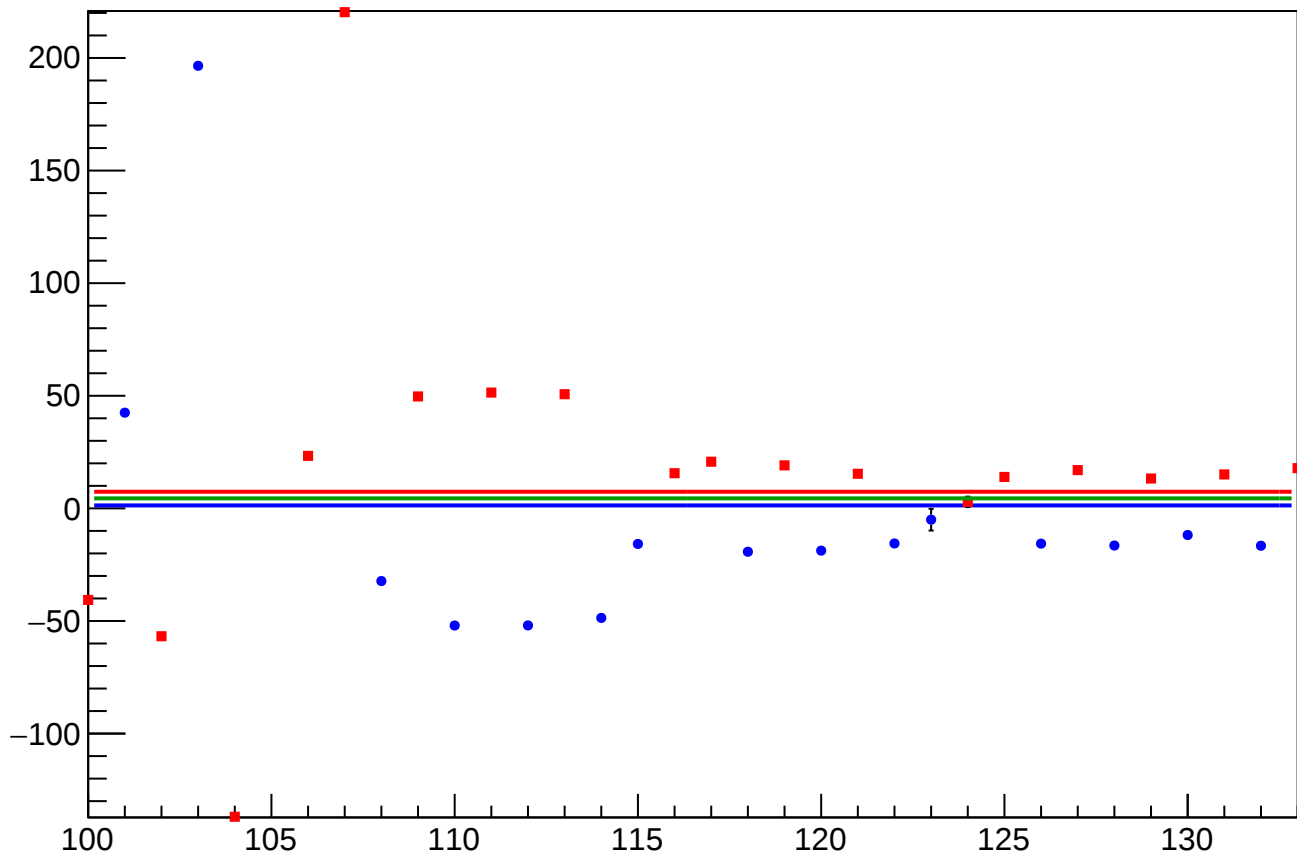
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-31.983 ± 1.095 $\chi^2/\text{NDF}: 481.6/14$

1.689 ± 0.772 $\chi^2/\text{NDF}: 2641.4/32$

34.905 ± 1.087 $\chi^2/\text{NDF}: 281.1/17$

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: 7.390+/-0.072 χ^2/NDF : 533840.0/17

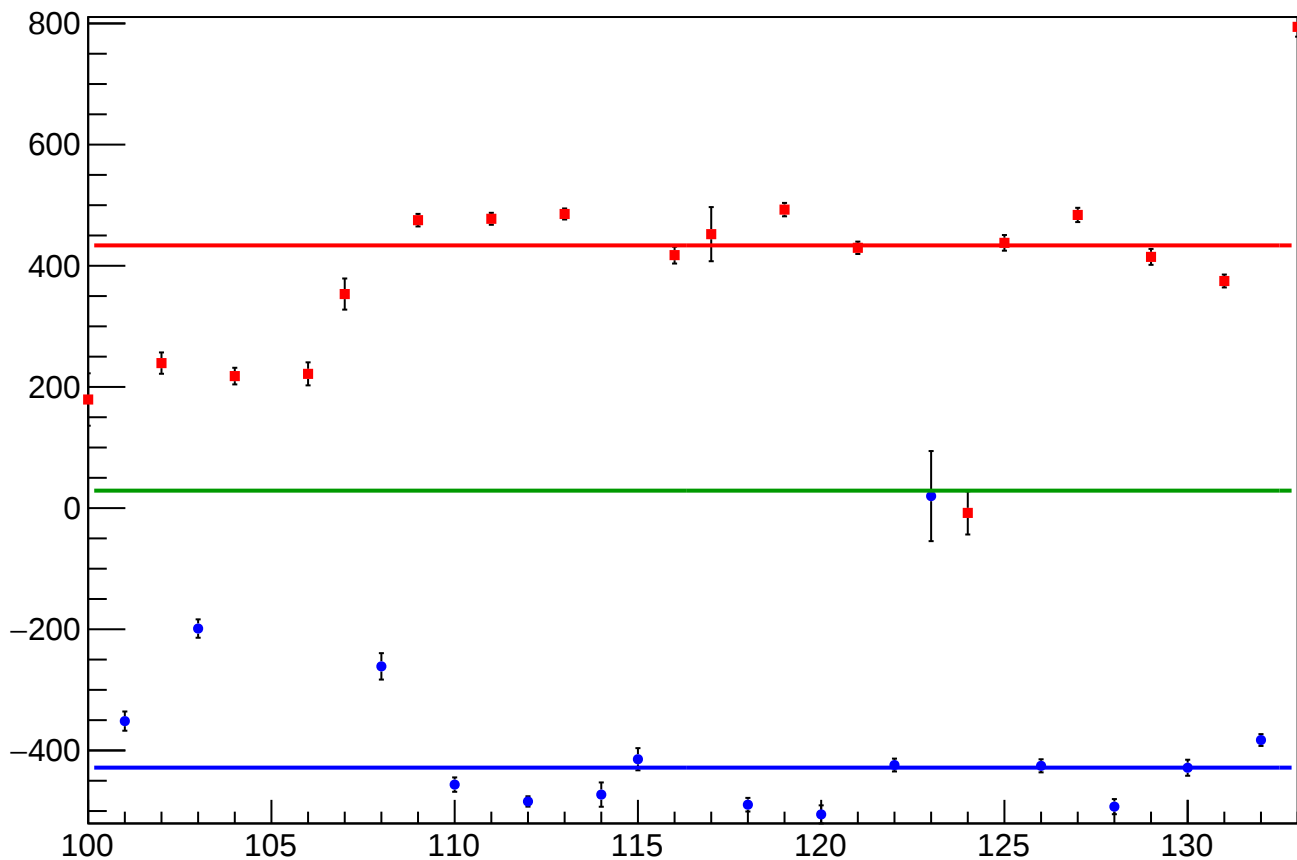
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.313+/-0.074 χ^2/NDF : 523515.7/14

4.443+/-0.051 χ^2/NDF : 1060838.7/32

7.390+/-0.072 χ^2/NDF : 533840.0/17

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -428.360+/-3.347 χ^2/NDF : 505.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.634+/-3.149 χ^2/NDF : 1334.1/17

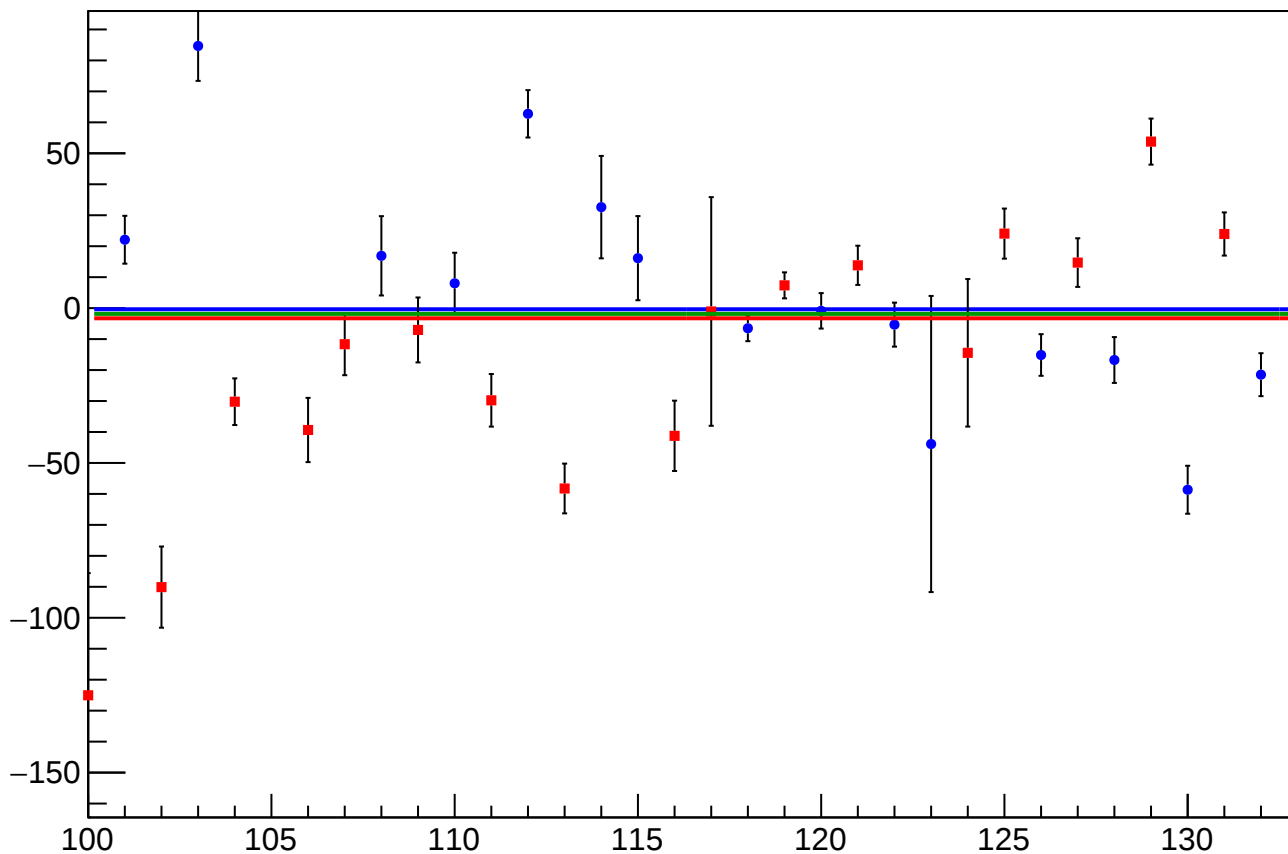
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-428.360+/-3.347 χ^2/NDF : 505.8/14

28.837+/-2.293 χ^2/NDF : 37029.2/32

433.634+/-3.149 χ^2/NDF : 1334.1/17

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.370 ± 1.987 $\chi^2/\text{NDF}: 220.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.284 ± 1.944 $\chi^2/\text{NDF}: 255.5/17$

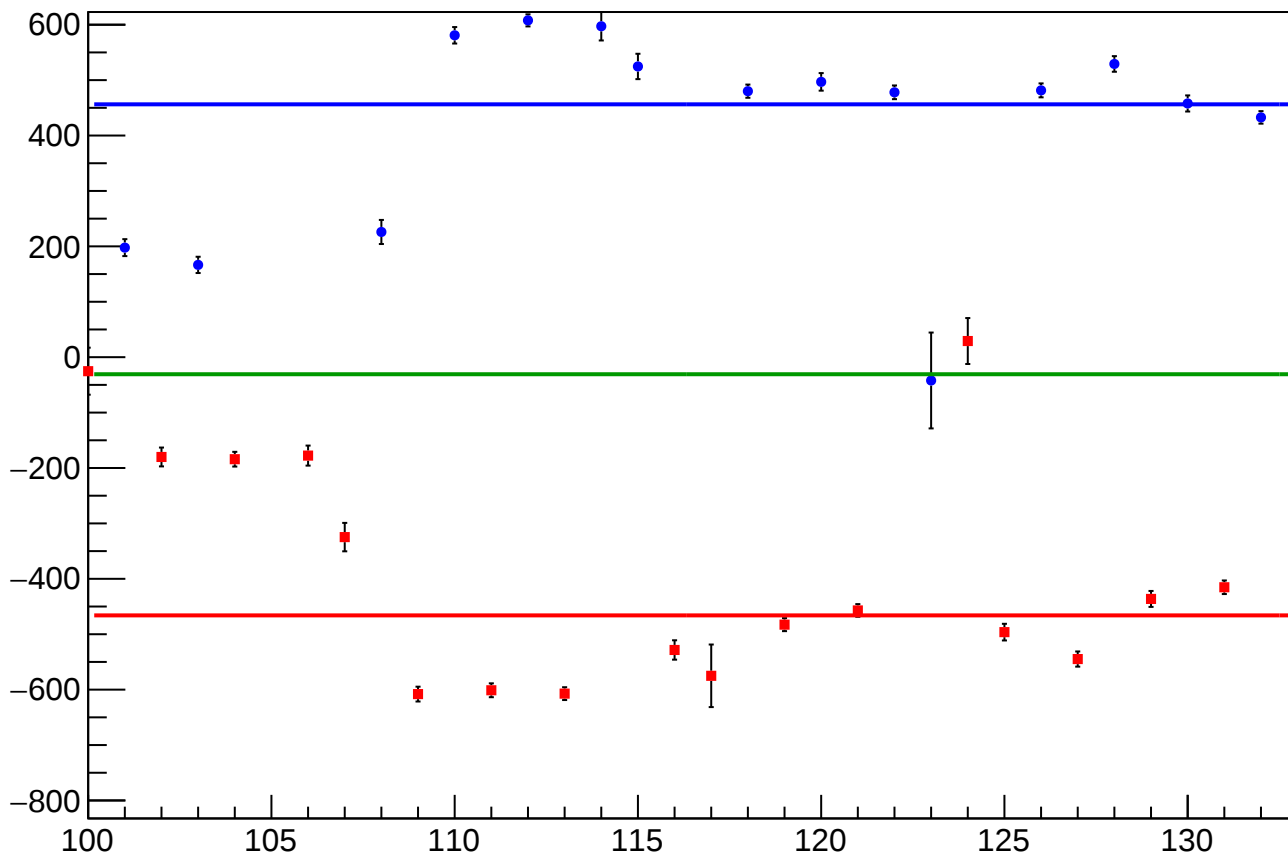
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.370 ± 1.987 $\chi^2/\text{NDF}: 220.4/14$

-1.859 ± 1.390 $\chi^2/\text{NDF}: 477.0/32$

-3.284 ± 1.944 $\chi^2/\text{NDF}: 255.5/17$

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: -465.994+/-3.597 χ^2 /NDF: 2120.9/17

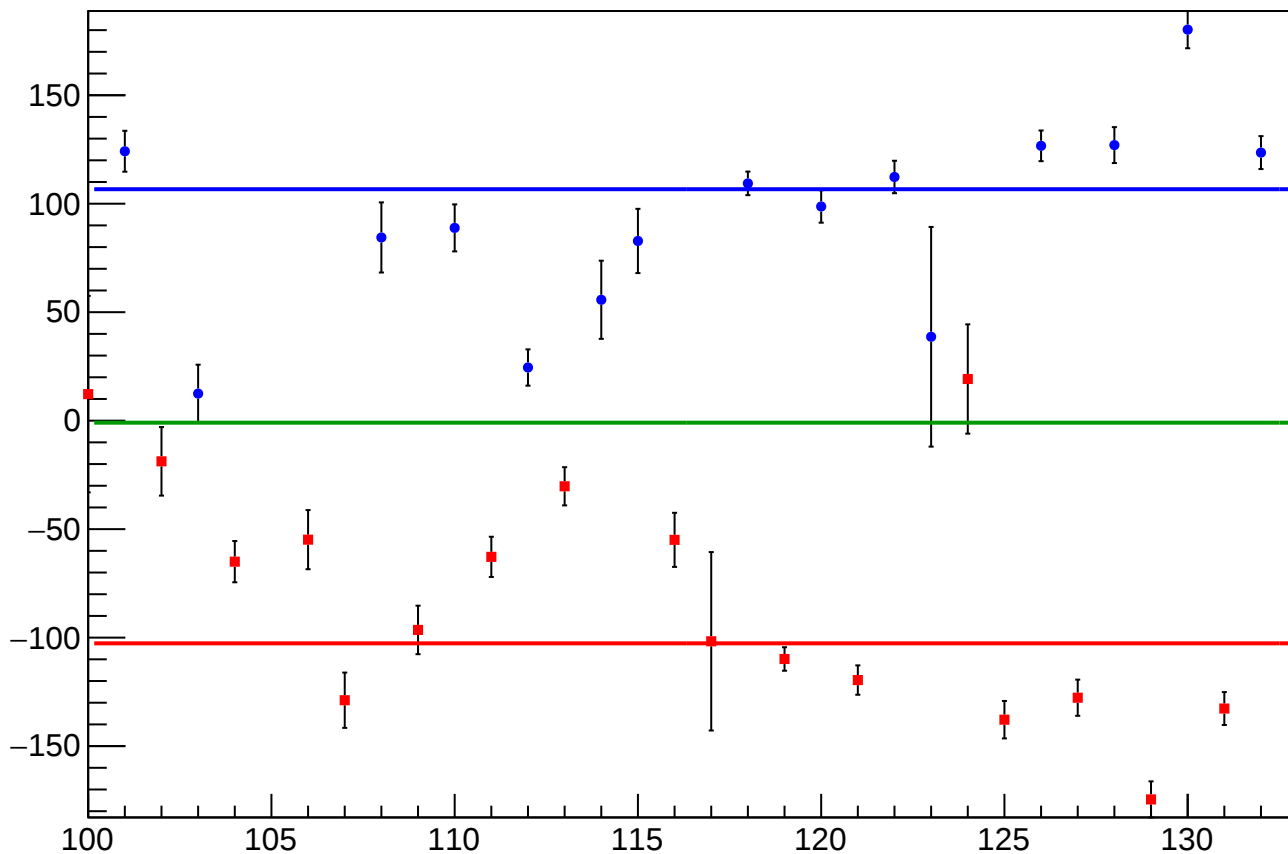
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

456.318+/-3.805 χ^2 /NDF: 1172.8/14

-30.784+/-2.614 χ^2 /NDF: 34317.0/32

-465.994+/-3.597 χ^2 /NDF: 2120.9/17

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 106.680 ± 2.314 χ^2/NDF : 261.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.632 ± 2.250 χ^2/NDF : 317.2/17

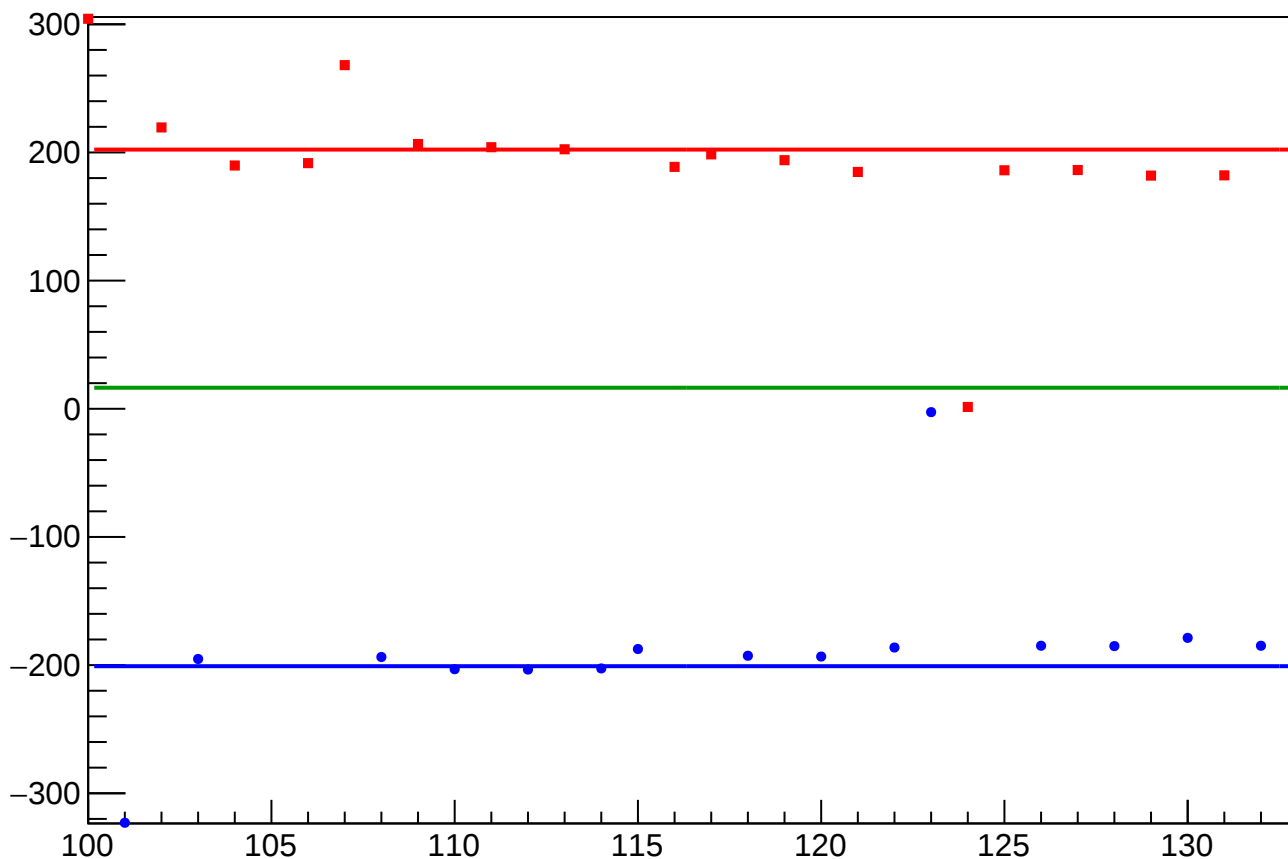
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

106.680 ± 2.314 χ^2/NDF : 261.2/14

-0.932 ± 1.613 χ^2/NDF : 4784.7/32

-102.632 ± 2.250 χ^2/NDF : 317.2/17

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: 202.244+/-0.136 χ^2/NDF : 49217.7/17

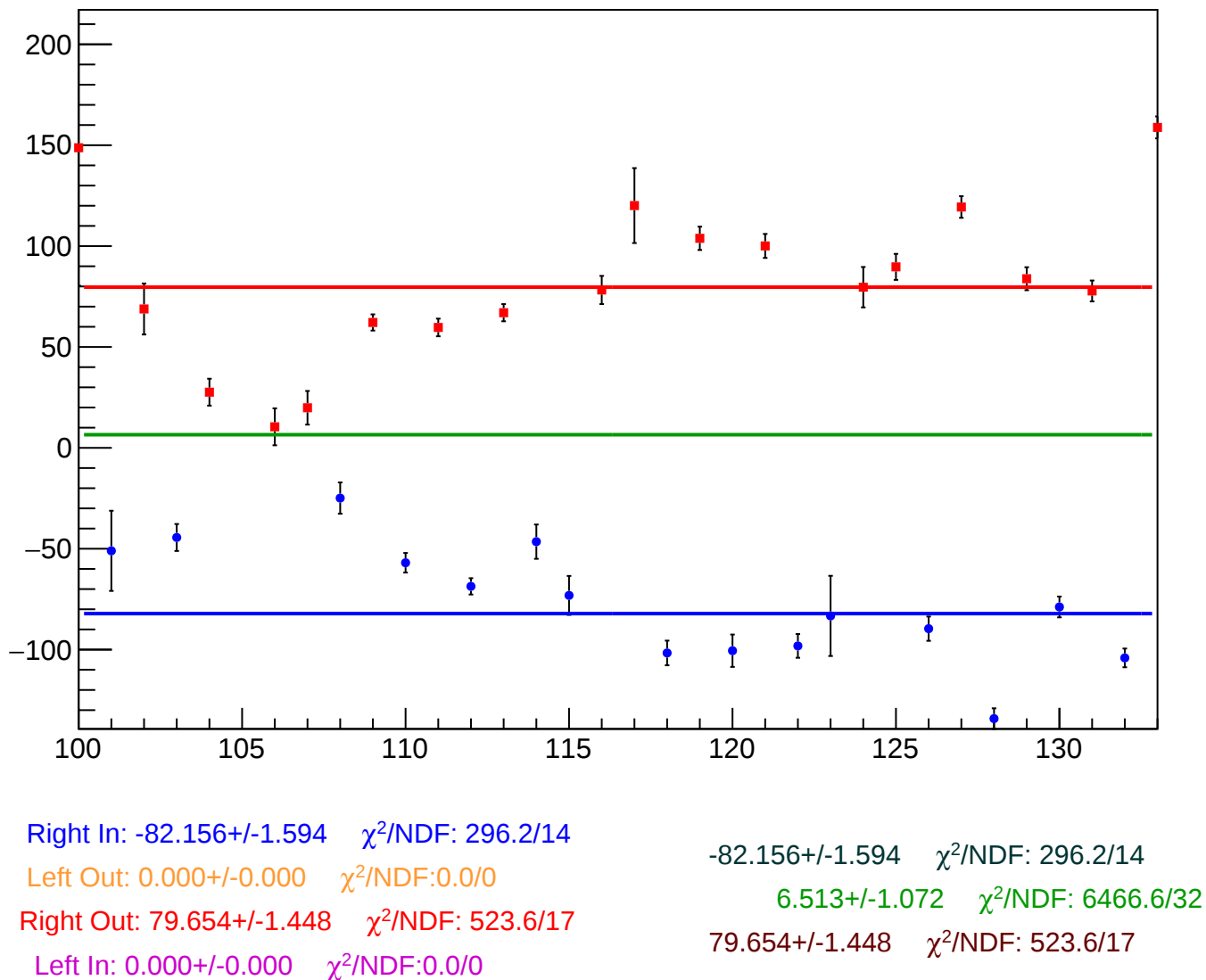
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-200.843+/-0.147 χ^2/NDF : 57722.8/14

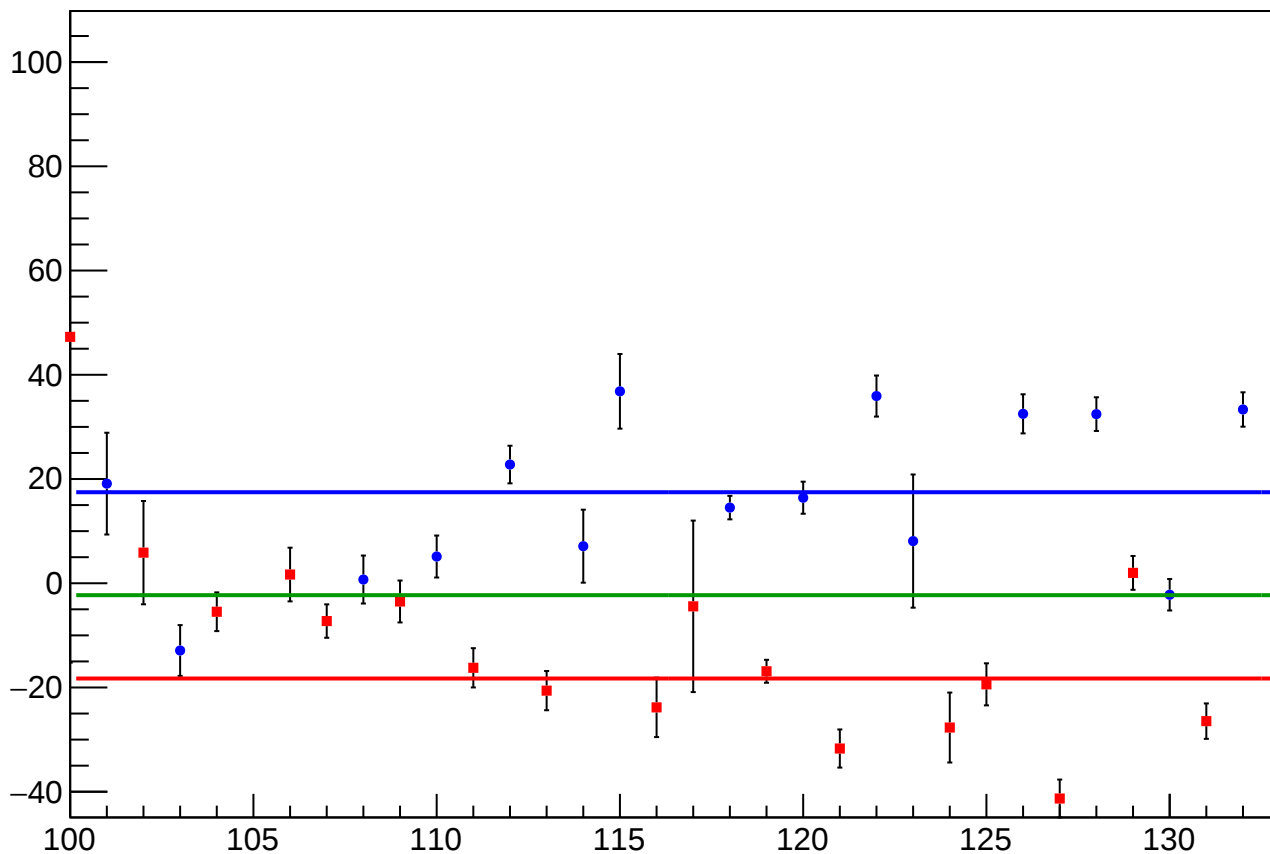
16.427+/-0.100 χ^2/NDF : 4145944.4/32

202.244+/-0.136 χ^2/NDF : 49217.7/17

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.467 $\pm$ 0.990 χ^2 /NDF: 200.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.277 $\pm$ 0.891 χ^2 /NDF: 190.7/17

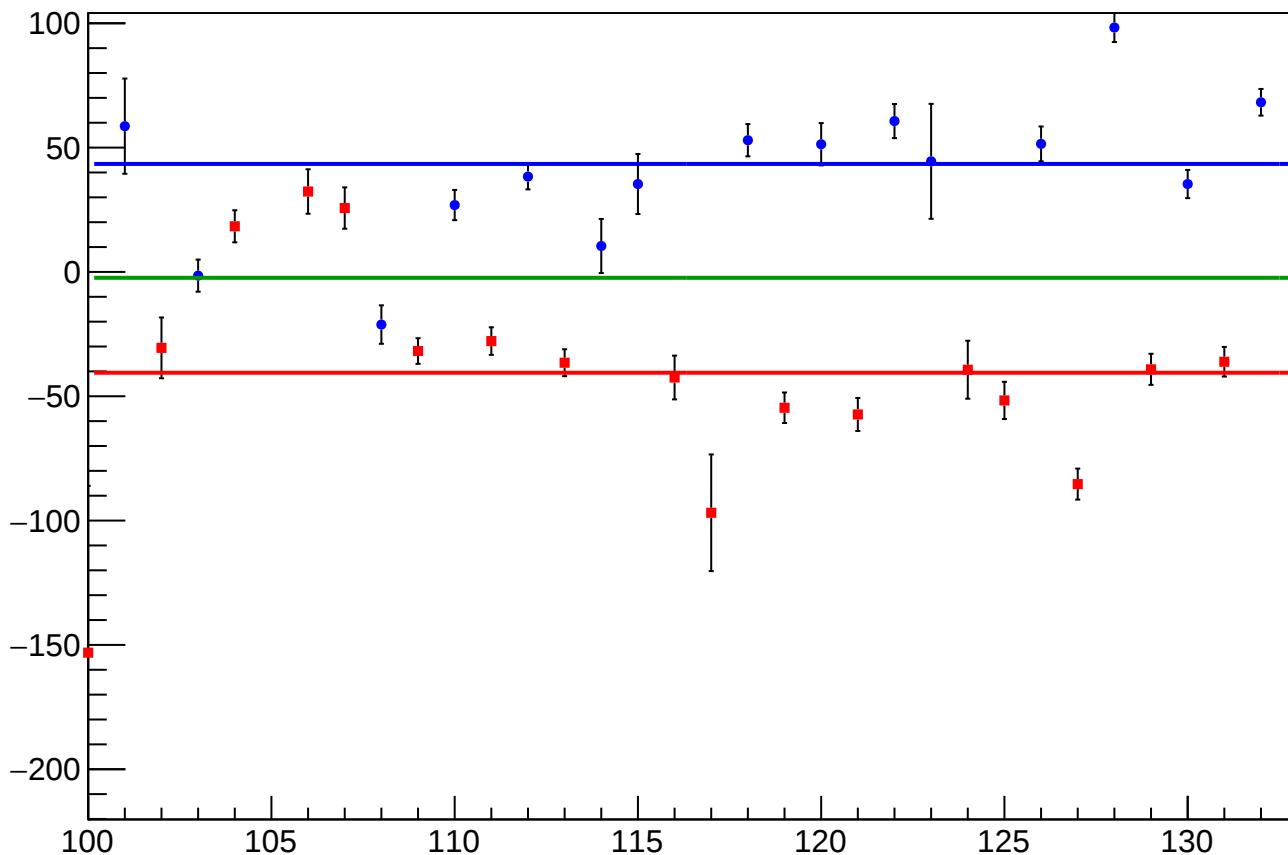
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.467 $\pm$ 0.990 χ^2 /NDF: 200.7/14

-2.286 $\pm$ 0.662 χ^2 /NDF: 1111.3/32

-18.277 $\pm$ 0.891 χ^2 /NDF: 190.7/17

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.434 $\pm$ 1.826 χ^2/NDF : 259.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -40.536 $\pm$ 1.667 χ^2/NDF : 455.1/17

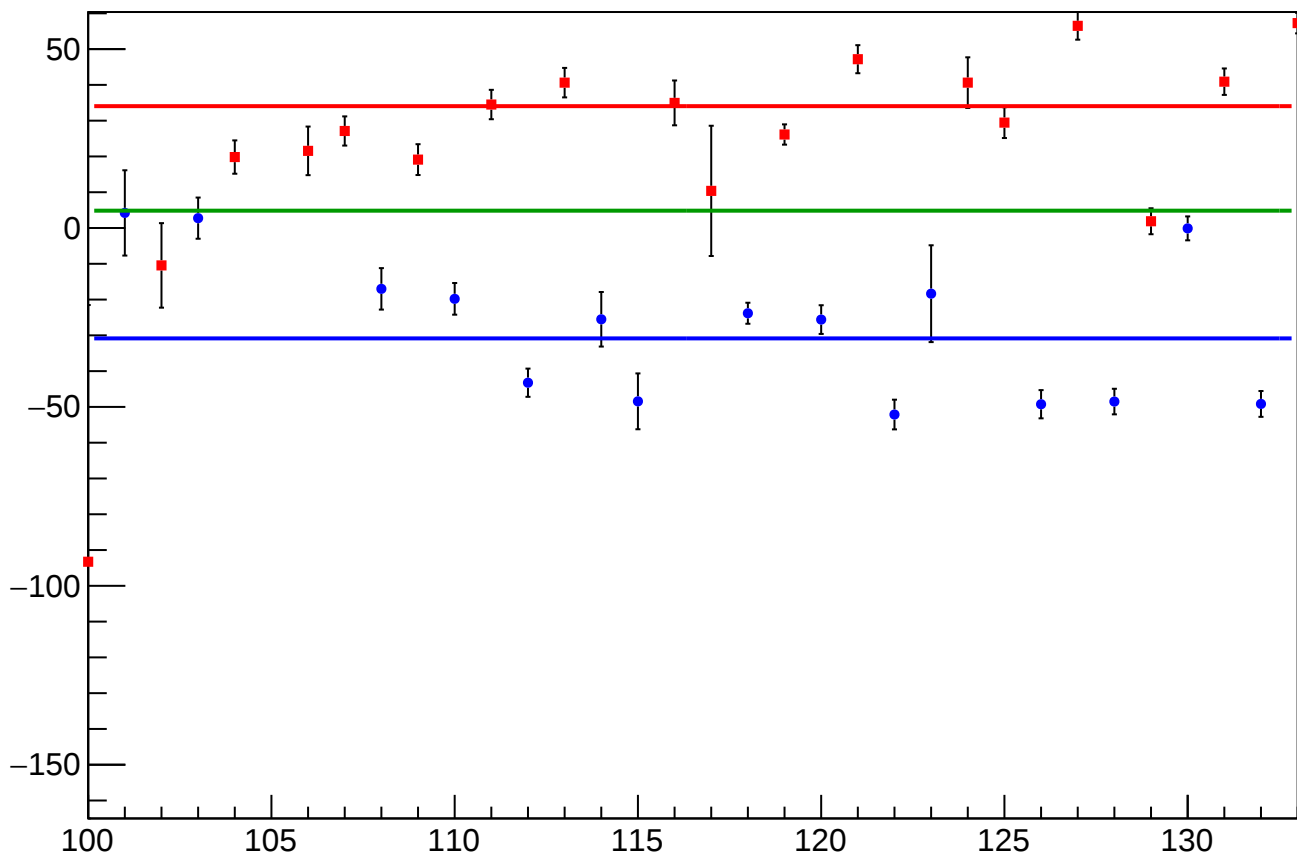
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

43.434 $\pm$ 1.826 χ^2/NDF : 259.3/14

-2.358 $\pm$ 1.231 χ^2/NDF : 1868.3/32

-40.536 $\pm$ 1.667 χ^2/NDF : 455.1/17

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: 34.055 ± 1.033 χ^2/NDF : 251.4/17

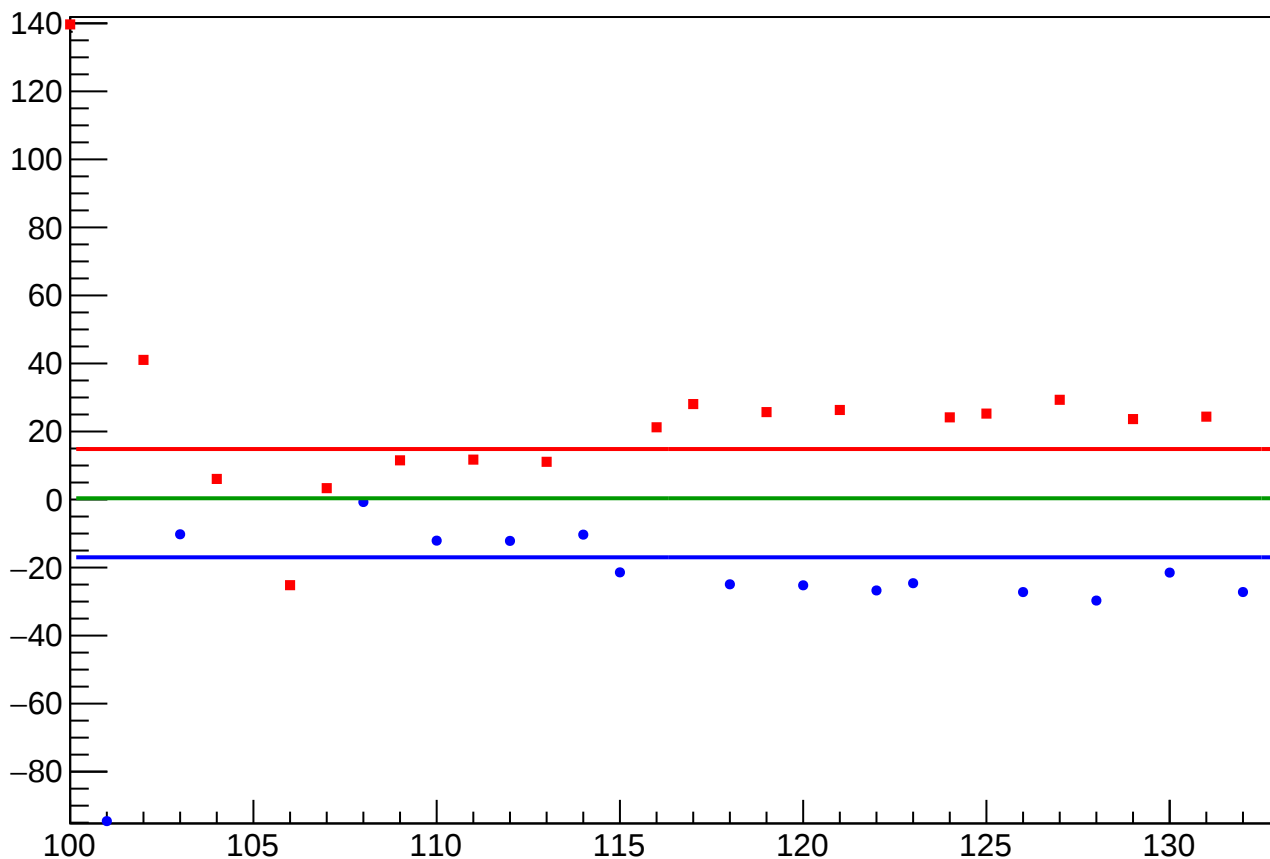
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-30.851 ± 1.142 χ^2/NDF : 261.2/14

4.844 ± 0.766 χ^2/NDF : 2288.2/32

34.055 ± 1.033 χ^2/NDF : 251.4/17

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: 14.846+/-0.063 χ^2/NDF : 60377.7/17

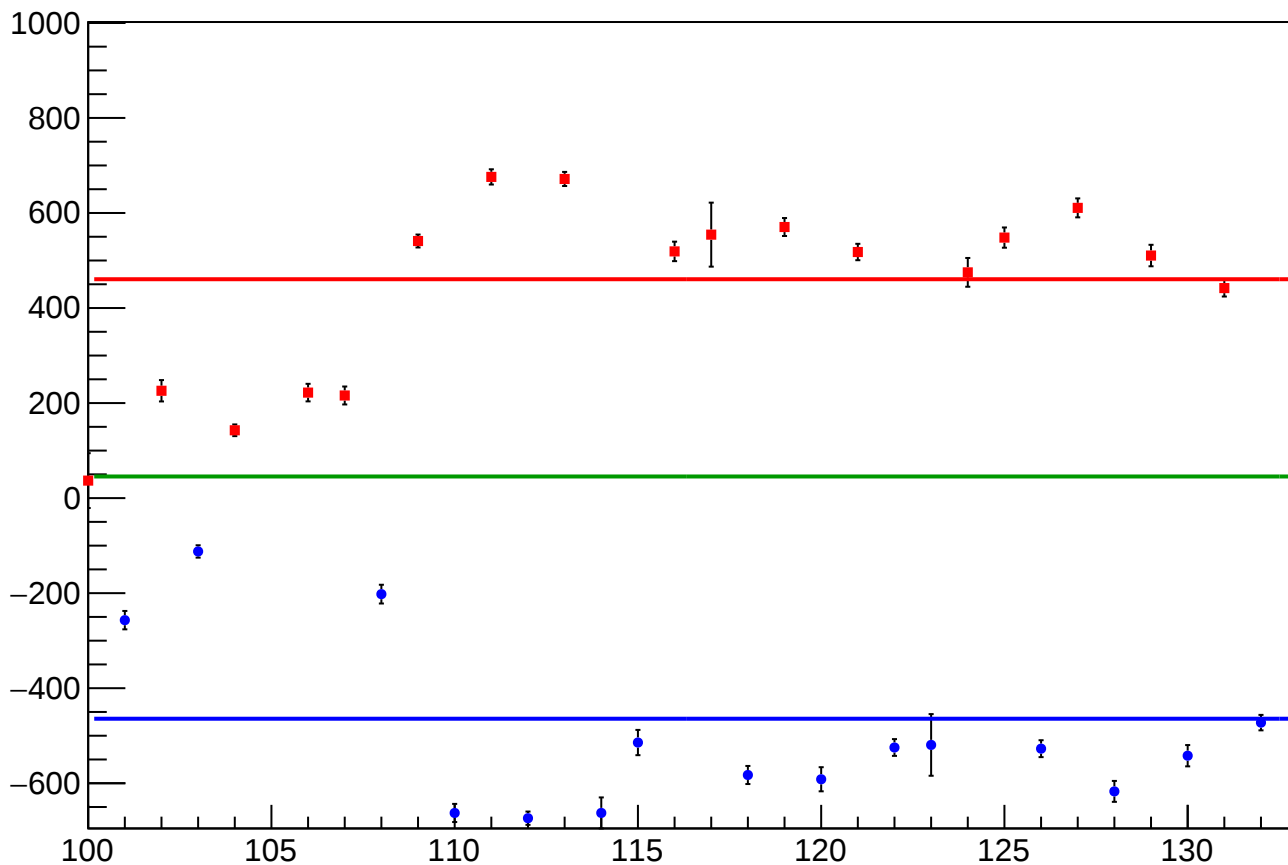
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.985+/-0.069 χ^2/NDF : 32619.6/14

0.370+/-0.046 χ^2/NDF : 209803.5/32

14.846+/-0.063 χ^2/NDF : 60377.7/17

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -464.234+/-4.993 χ^2/NDF : 1545.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.600+/-4.505 χ^2/NDF : 2007.8/17

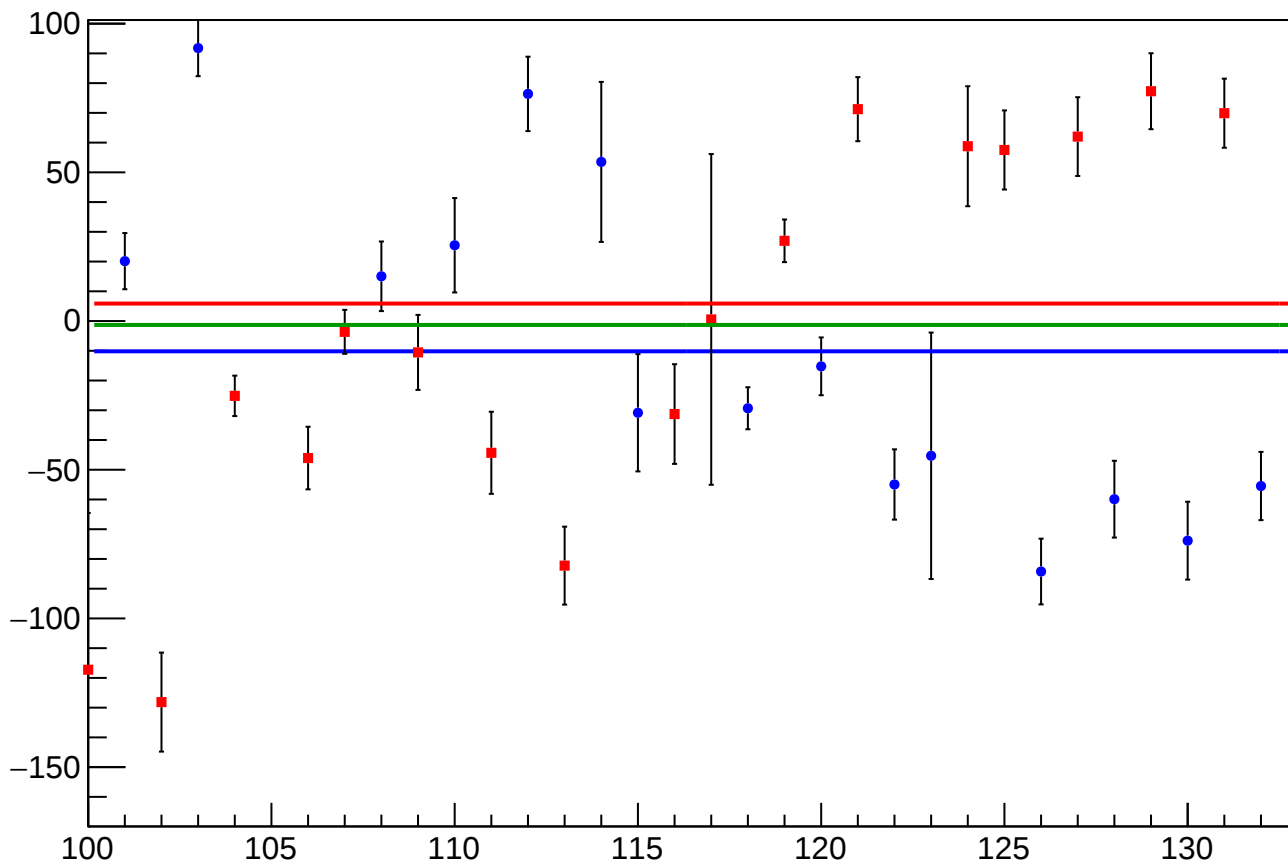
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-464.234+/-4.993 χ^2/NDF : 1545.1/14

45.516+/-3.345 χ^2/NDF : 22466.0/32

460.600+/-4.505 χ^2/NDF : 2007.8/17

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: 5.873+/-2.714 χ^2/NDF : 337.7/17

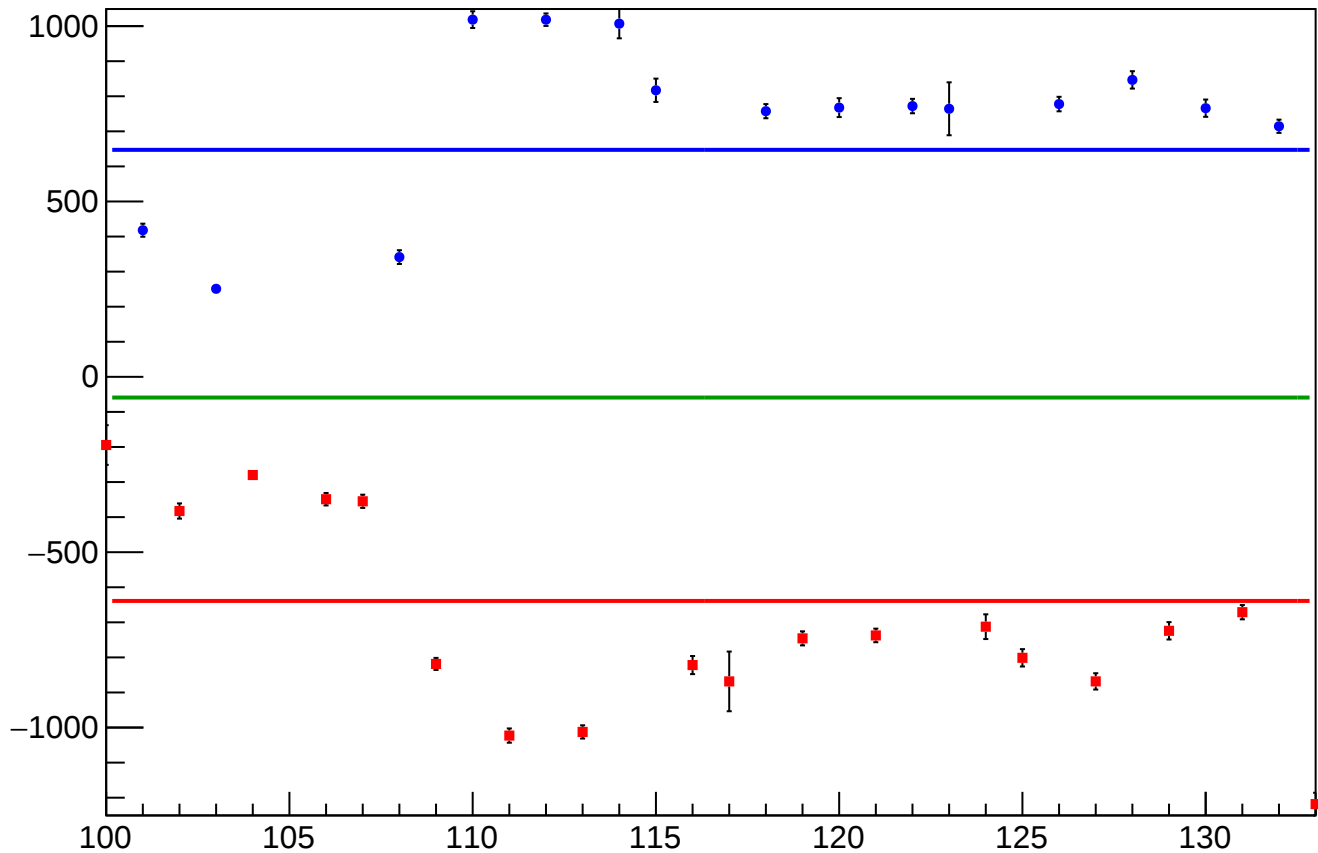
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.179+/-3.014 χ^2/NDF : 312.9/14

-1.314+/-2.017 χ^2/NDF : 666.3/32

5.873+/-2.714 χ^2/NDF : 337.7/17

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: -638.949+/-4.991 χ^2/NDF : 3053.0/17

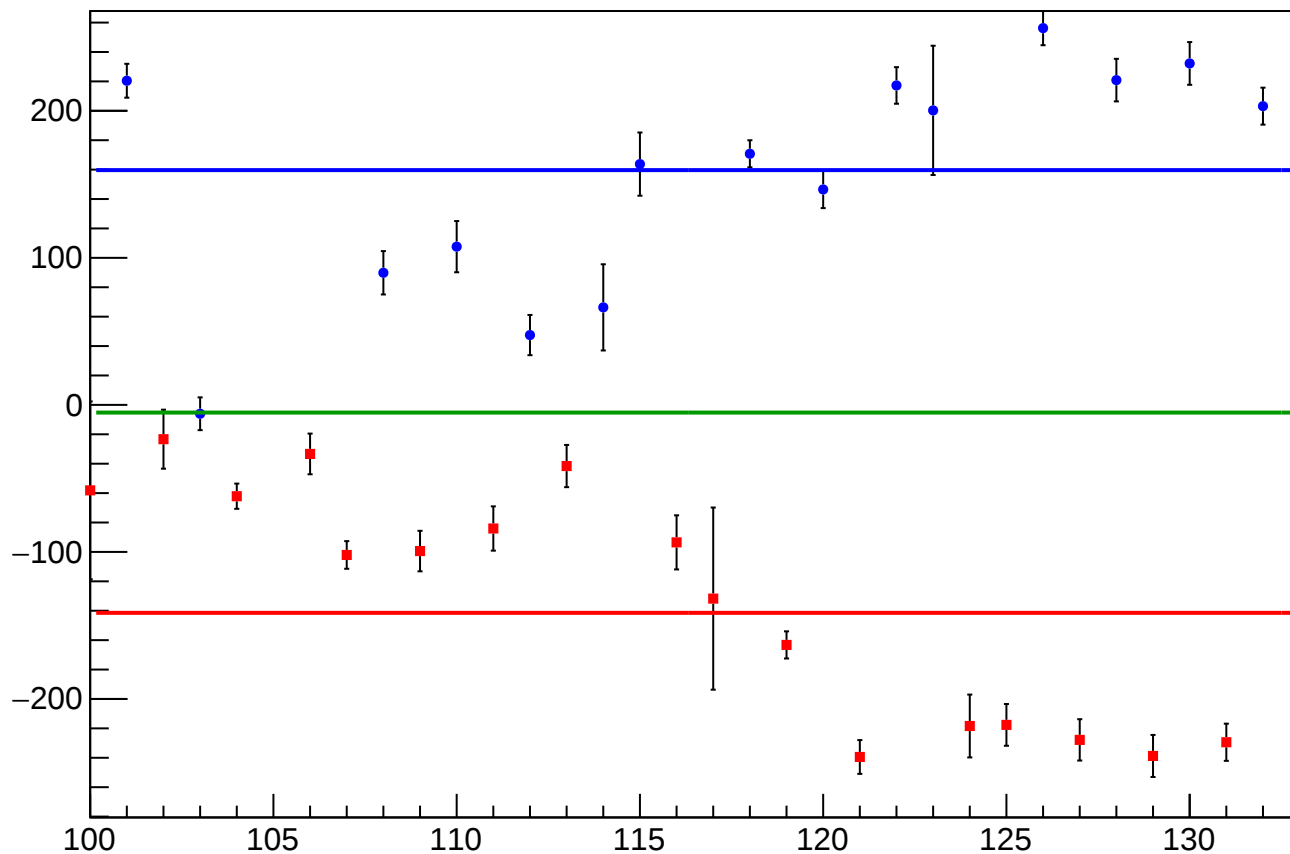
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

647.233+/-5.507 χ^2/NDF : 2390.1/14

-59.035+/-3.698 χ^2/NDF : 35391.5/32

-638.949+/-4.991 χ^2/NDF : 3053.0/17

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 159.661+/-3.527 χ^2/NDF : 506.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.420+/-3.206 χ^2/NDF : 593.7/17

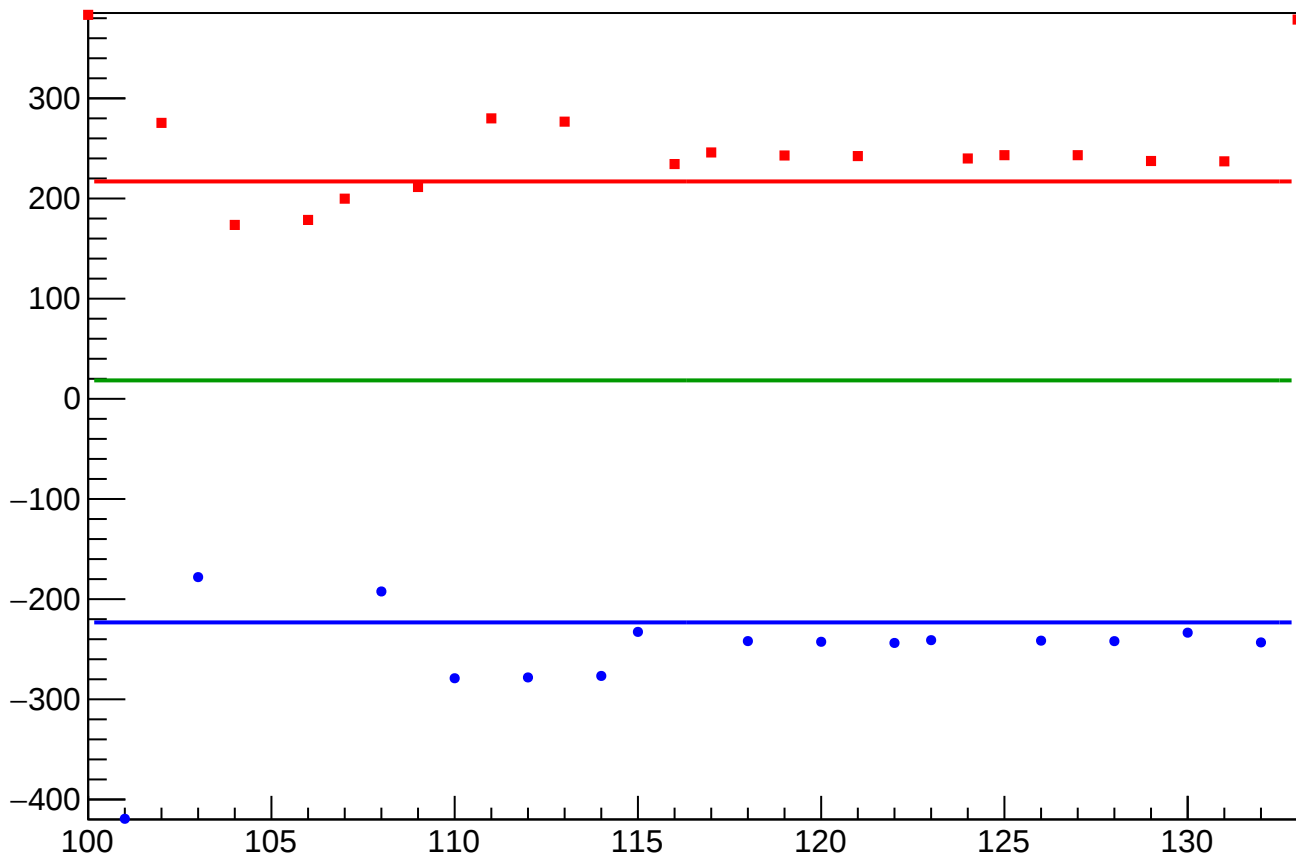
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

159.661+/-3.527 χ^2/NDF : 506.3/14

-5.224+/-2.372 χ^2/NDF : 5090.6/32

-141.420+/-3.206 χ^2/NDF : 593.7/17

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: 217.037+/-0.164 χ^2 /NDF: 79969.7/17

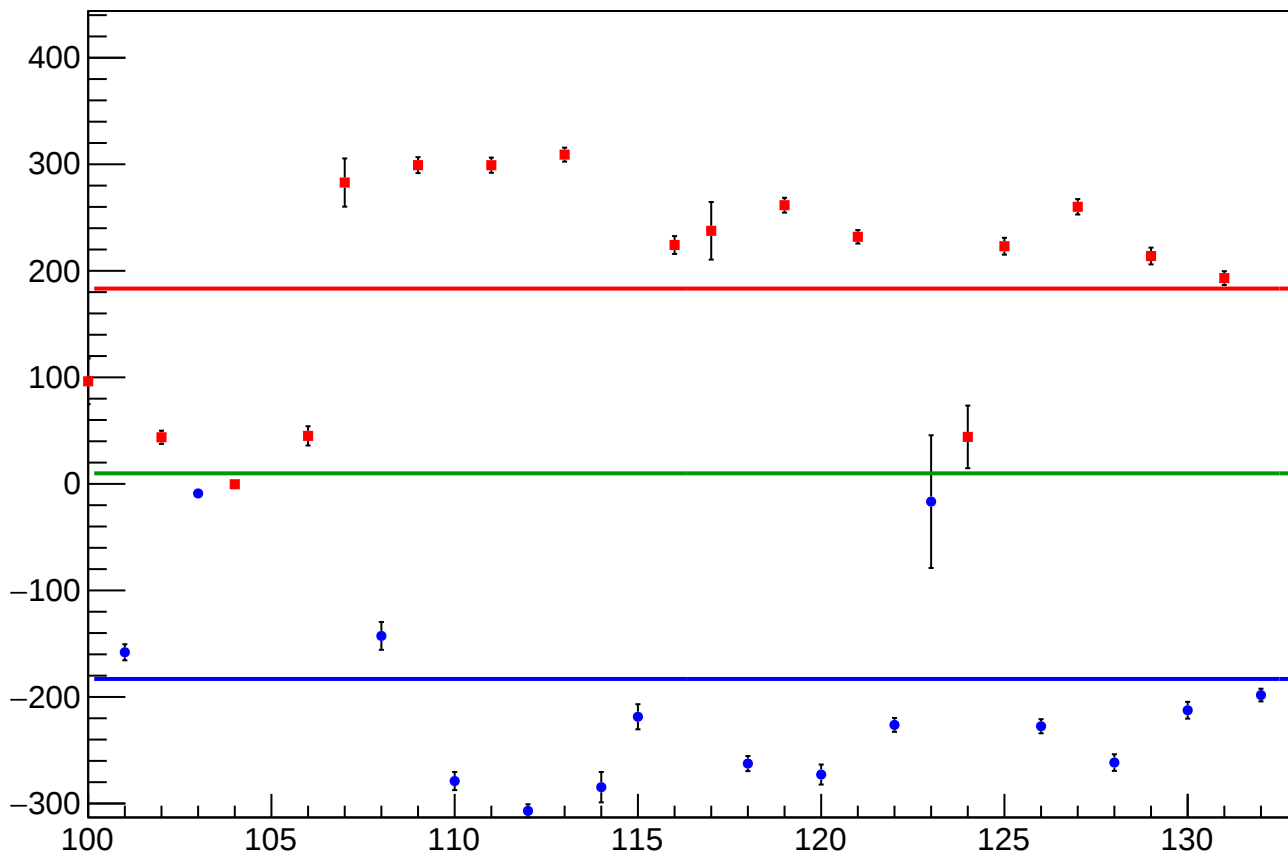
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-223.221+/-0.181 χ^2 /NDF: 126138.2/14

18.400+/-0.122 χ^2 /NDF: 3455786.2/32

217.037+/-0.164 χ^2 /NDF: 79969.7/17

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: 183.355+/-1.795 χ^2/NDF : 4744.9/17

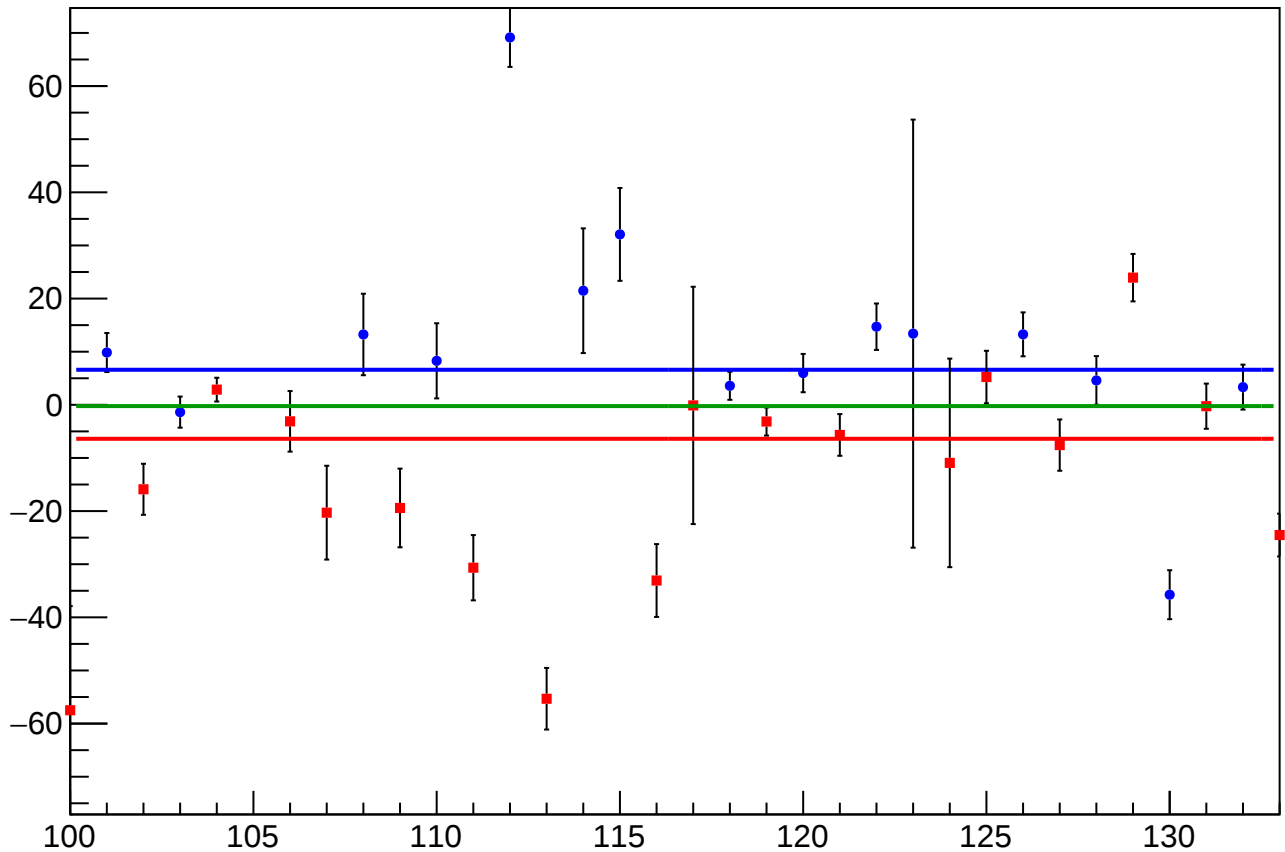
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-183.093+/-1.893 χ^2/NDF : 3023.2/14

9.912+/-1.302 χ^2/NDF : 27502.3/32

183.355+/-1.795 χ^2/NDF : 4744.9/17

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.601 $\pm$ 1.145 χ^2 /NDF: 239.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.392 $\pm$ 1.086 χ^2 /NDF: 211.4/17

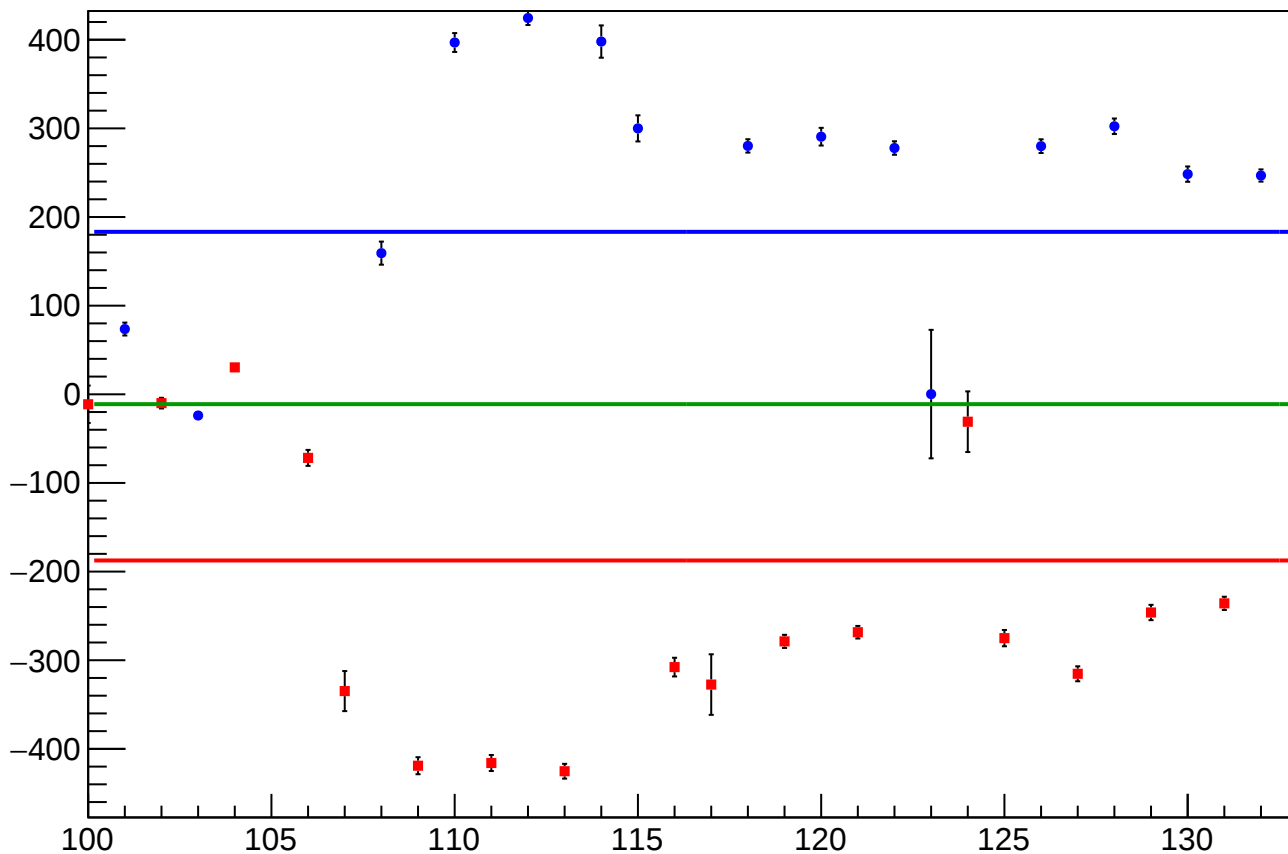
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.601 $\pm$ 1.145 χ^2 /NDF: 239.0/14

-0.239 $\pm$ 0.788 χ^2 /NDF: 518.2/32

-6.392 $\pm$ 1.086 χ^2 /NDF: 211.4/17

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: -187.455+/-1.959 χ^2/NDF : 7800.9/17

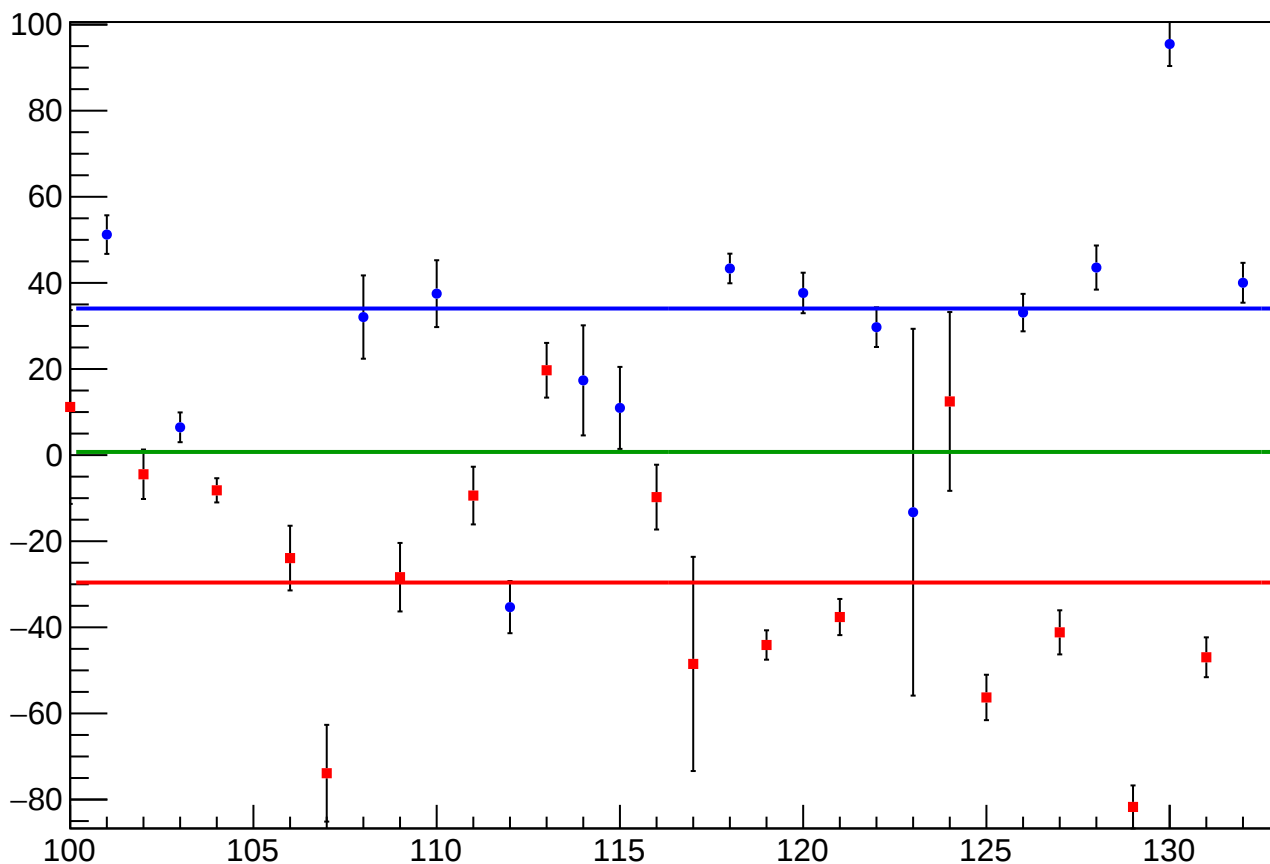
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

183.293+/-2.057 χ^2/NDF : 5696.4/14

-11.120+/-1.418 χ^2/NDF : 30538.4/32

-187.455+/-1.959 χ^2/NDF : 7800.9/17

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: -29.597+/-1.277 χ^2 /NDF: 361.5/17

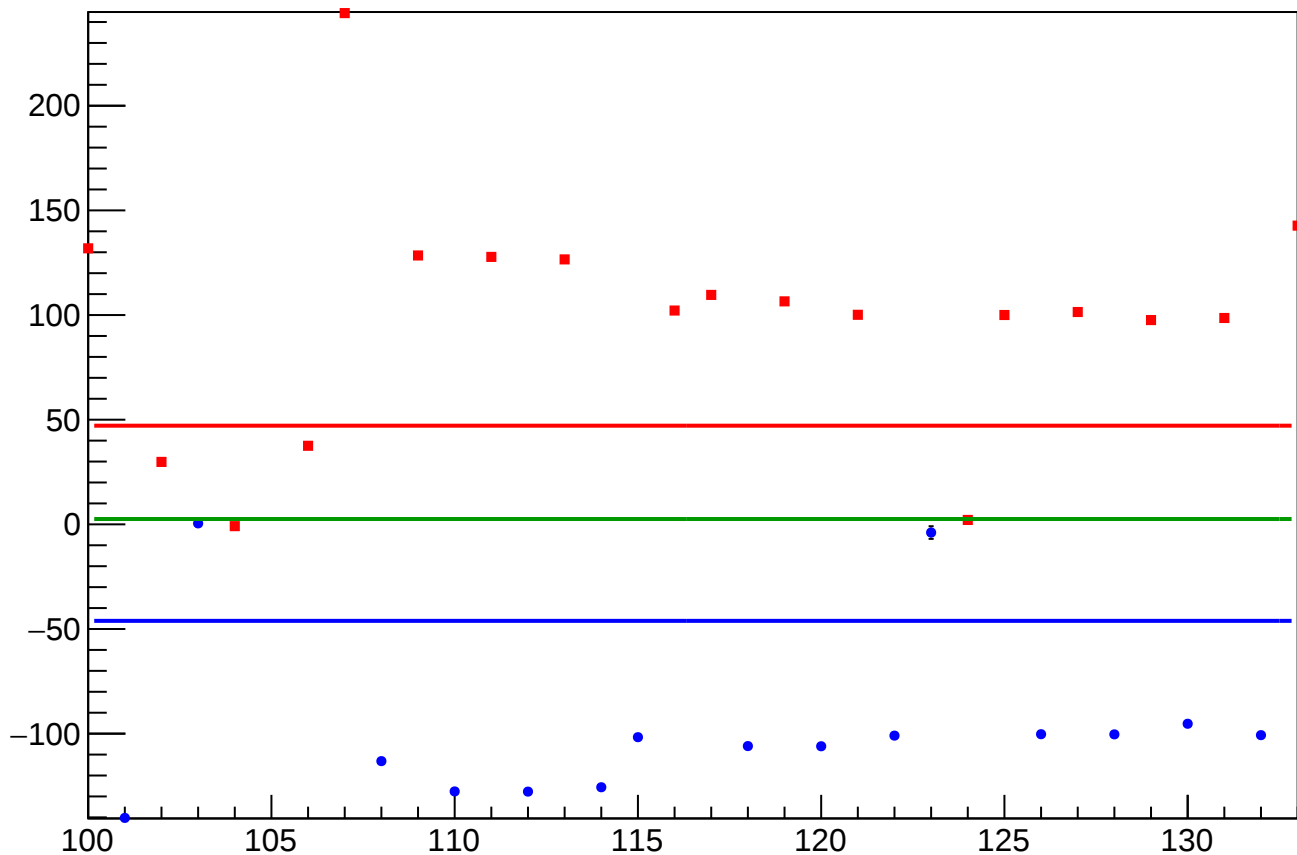
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

34.049+/-1.338 χ^2 /NDF: 376.8/14

0.735+/-0.924 χ^2 /NDF: 1922.4/32

-29.597+/-1.277 χ^2 /NDF: 361.5/17

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -46.111+/-0.065 χ^2/NDF : 749116.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.140+/-0.062 χ^2/NDF : 744650.9/17

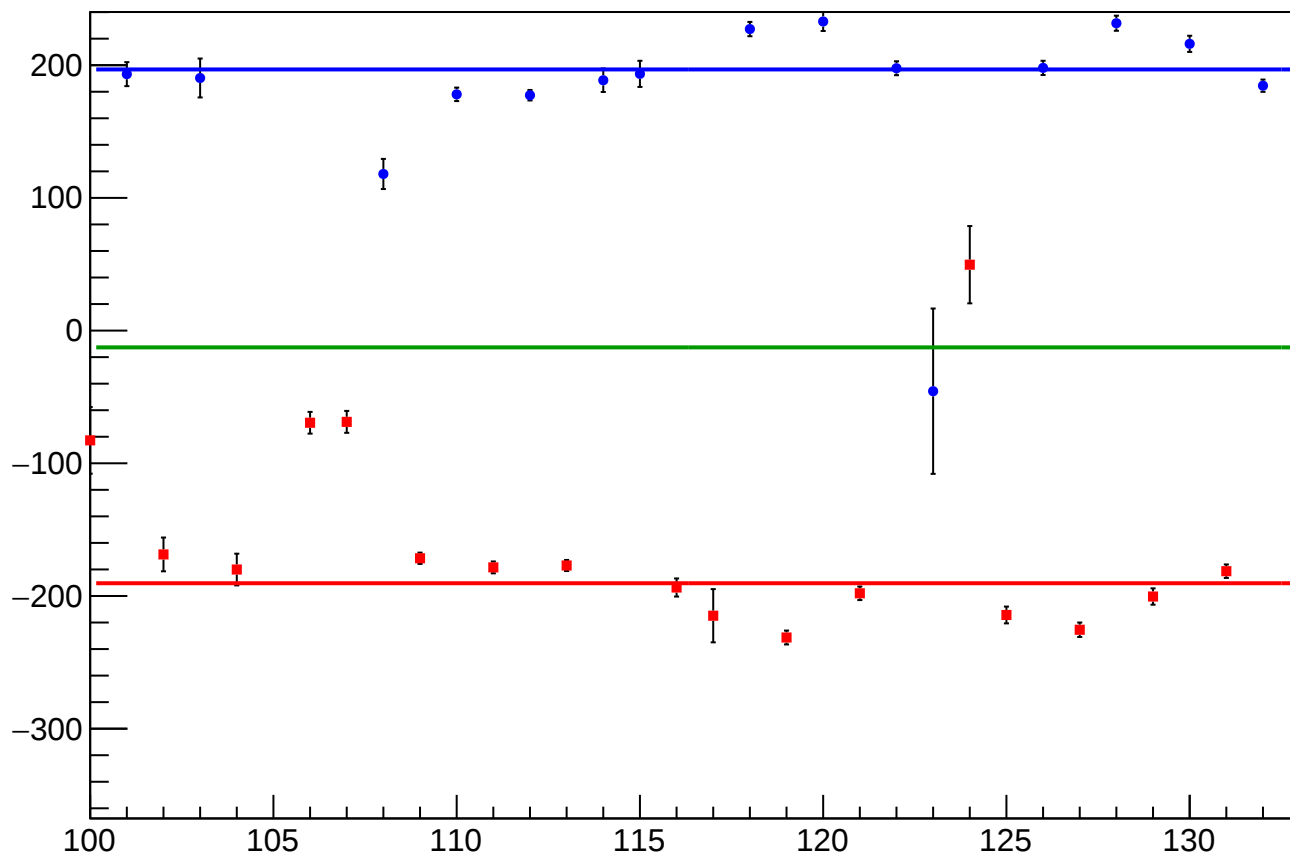
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-46.111+/-0.065 χ^2/NDF : 749116.8/14

2.547+/-0.045 χ^2/NDF : 2571743.6/32

47.140+/-0.062 χ^2/NDF : 744650.9/17

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 196.802 ± 1.622 χ^2/NDF : 214.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -190.385 ± 1.494 χ^2/NDF : 1202.5/17

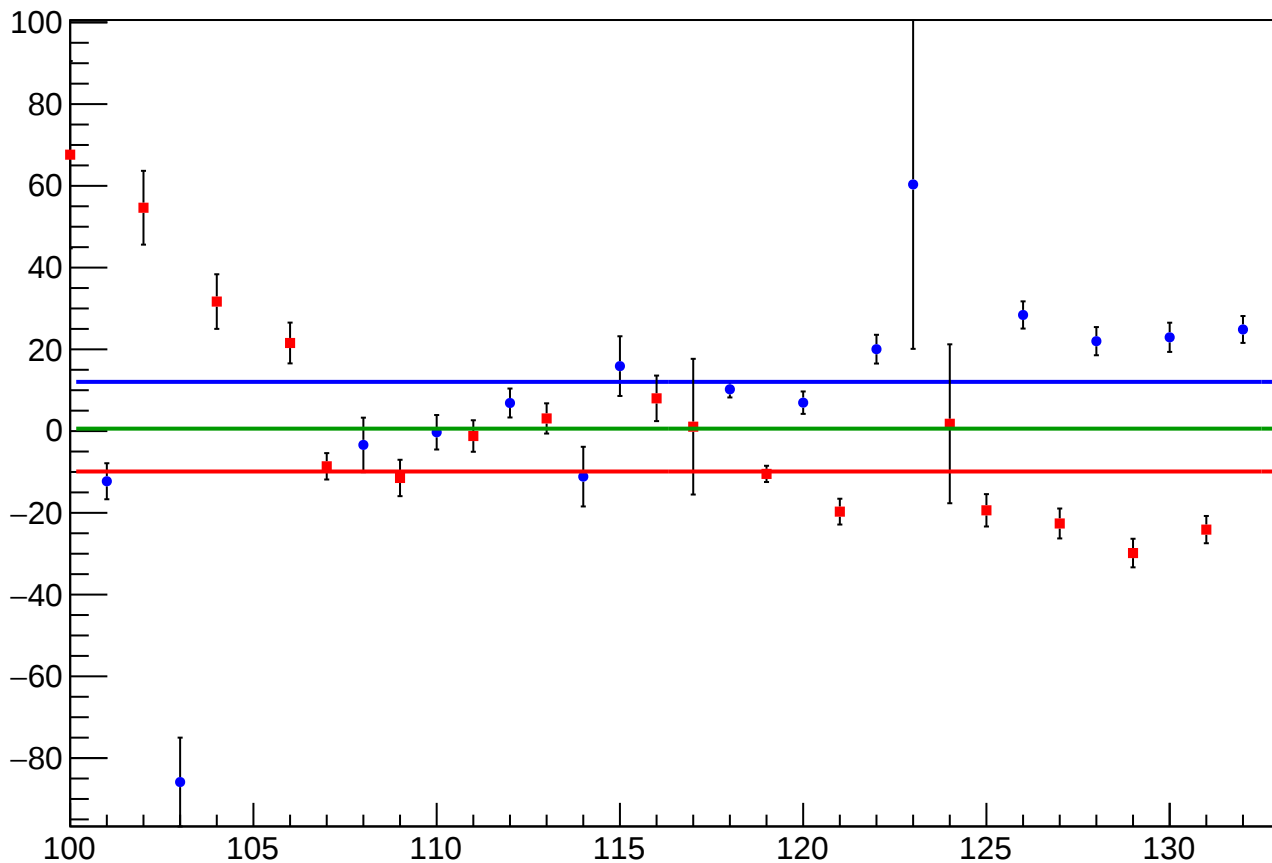
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

196.802 ± 1.622 χ^2/NDF : 214.3/14

-12.649 ± 1.099 χ^2/NDF : 32260.4/32

-190.385 ± 1.494 χ^2/NDF : 1202.5/17

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.044 $\pm$ 0.969 χ^2 /NDF: 206.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.885 $\pm$ 0.927 χ^2 /NDF: 248.7/17

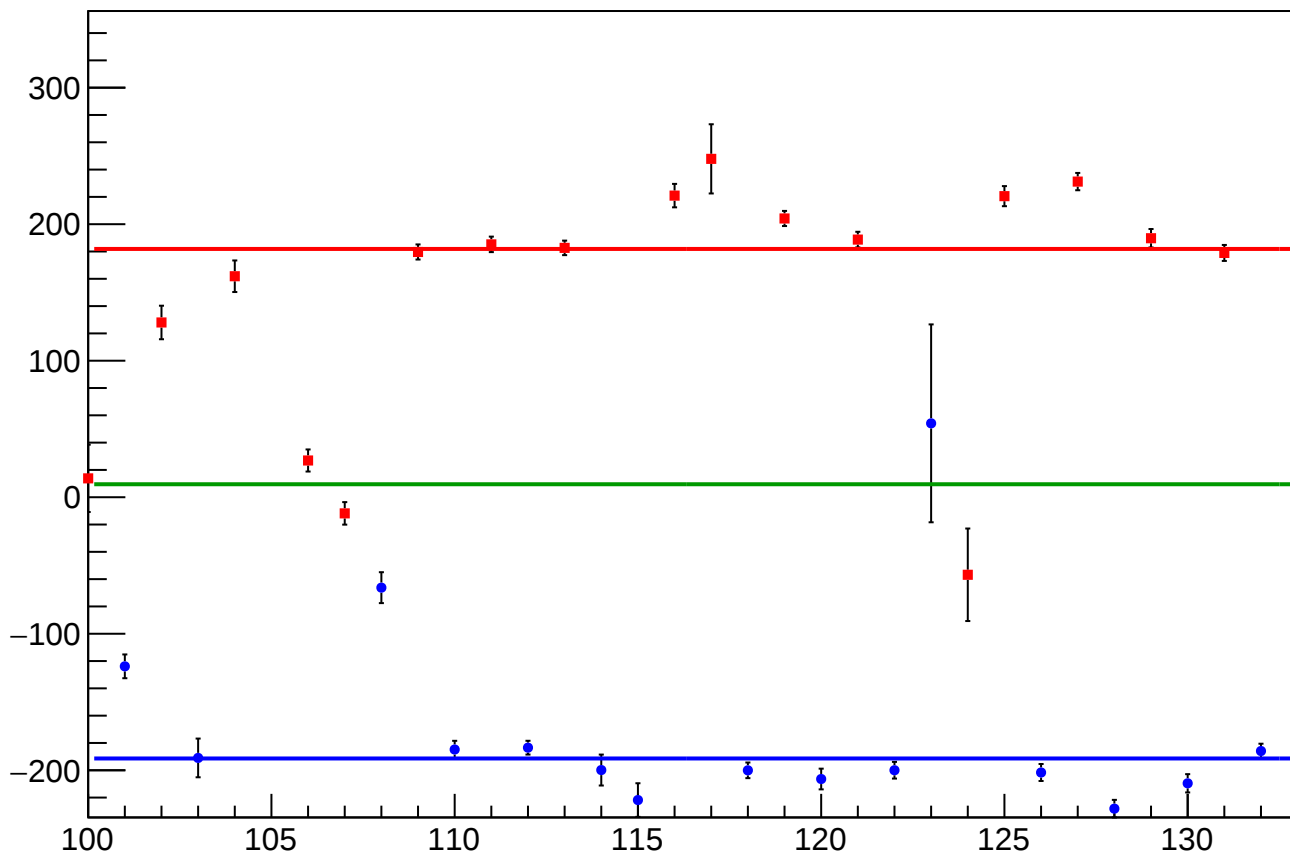
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12.044 $\pm$ 0.969 χ^2 /NDF: 206.0/14

0.600 $\pm$ 0.670 χ^2 /NDF: 722.2/32

-9.885 $\pm$ 0.927 χ^2 /NDF: 248.7/17

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -191.364+/-1.868 χ^2/NDF : 255.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.871+/-1.731 χ^2/NDF : 1596.7/17

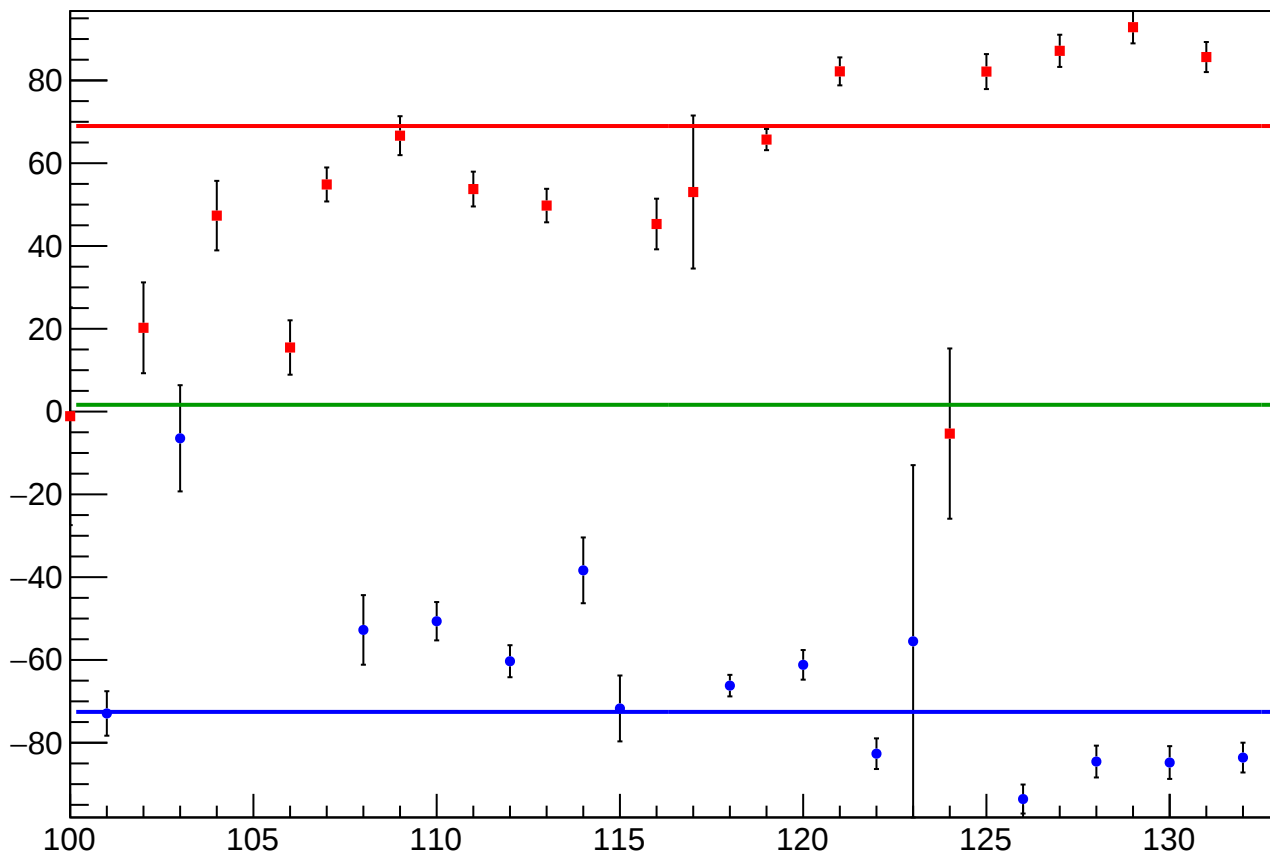
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-191.364+/-1.868 χ^2/NDF : 255.8/14

9.511+/-1.270 χ^2/NDF : 23329.4/32

181.871+/-1.731 χ^2/NDF : 1596.7/17

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: 68.982+/-1.072 χ^2/NDF : 286.4/17

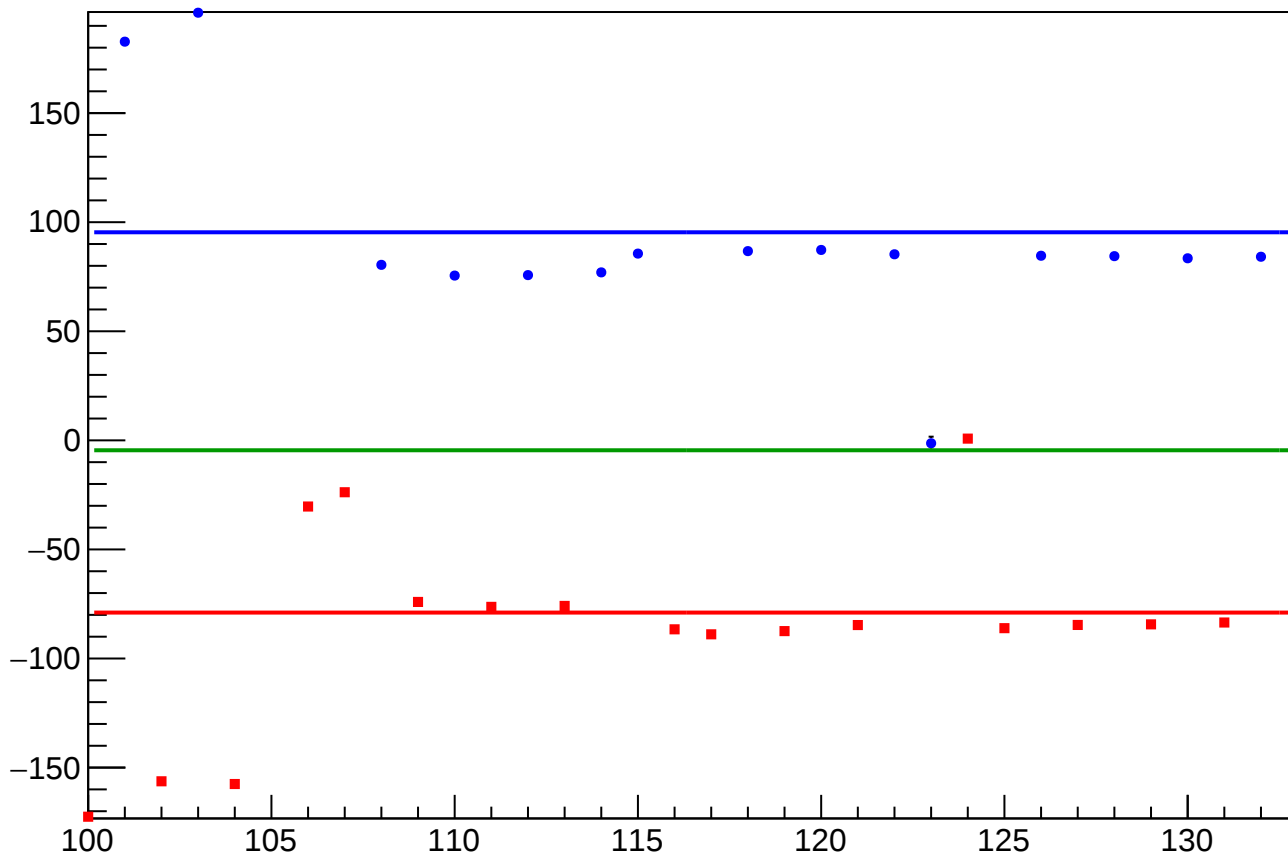
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-72.547+/-1.125 χ^2/NDF : 171.5/14

1.636+/-0.776 χ^2/NDF : 8746.5/32

68.982+/-1.072 χ^2/NDF : 286.4/17

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: -78.947+/-0.067 χ^2/NDF : 331377.7/17

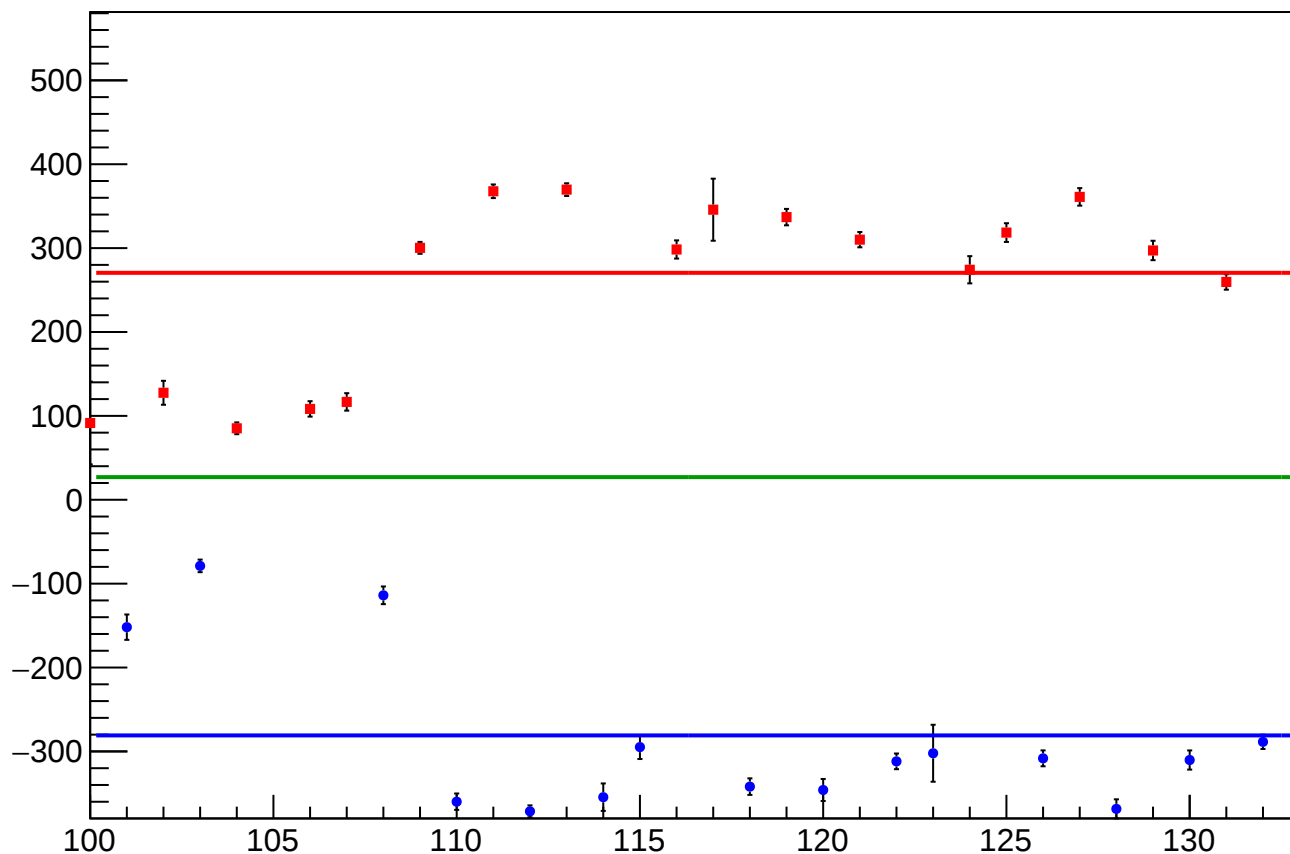
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.375+/-0.077 χ^2/NDF : 204775.6/14

-4.545+/-0.051 χ^2/NDF : 3443723.1/32

-78.947+/-0.067 χ^2/NDF : 331377.7/17

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: 270.556 ± 2.388 χ^2/NDF : 2227.9/17

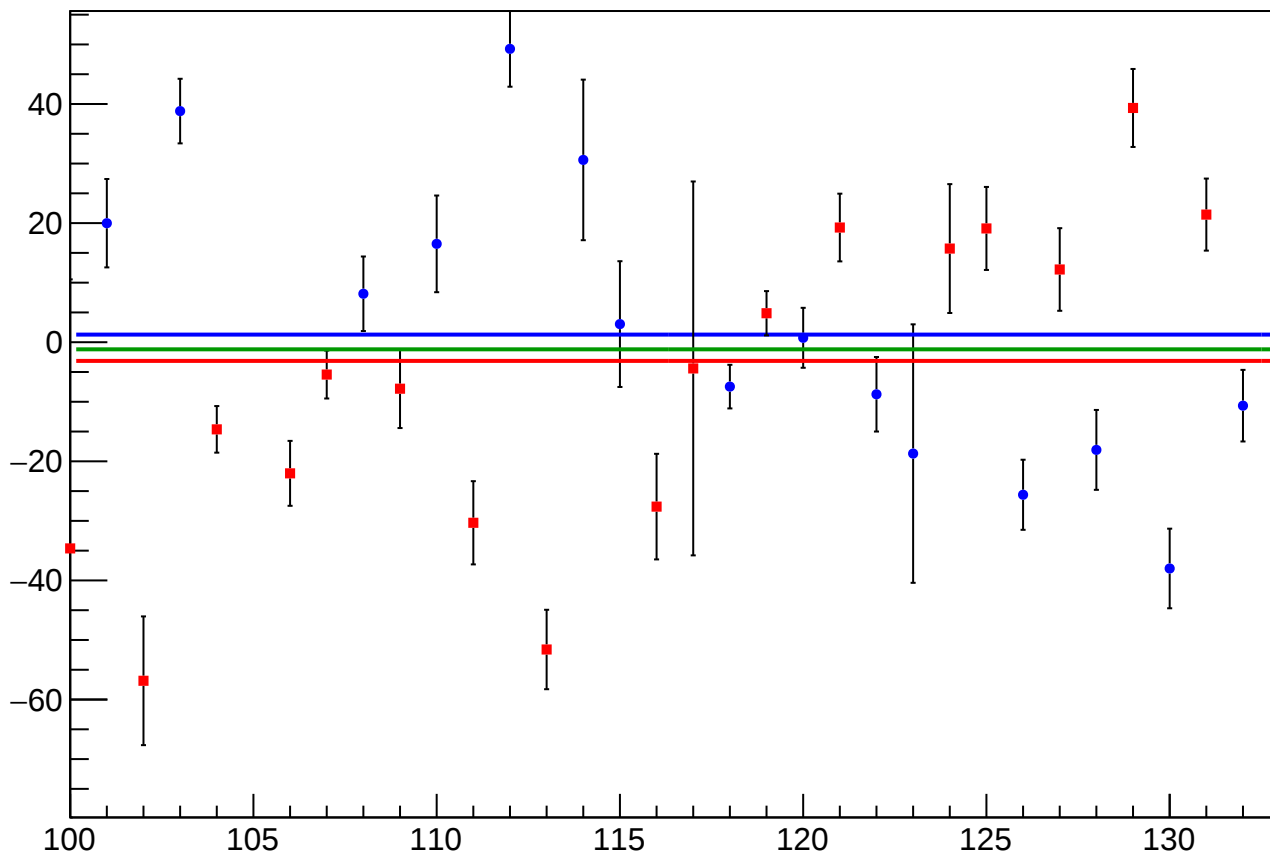
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-280.923 ± 2.685 χ^2/NDF : 1445.6/14

26.991 ± 1.784 χ^2/NDF : 27233.1/32

270.556 ± 2.388 χ^2/NDF : 2227.9/17

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: -3.137+/-1.447 χ^2/NDF : 220.6/17

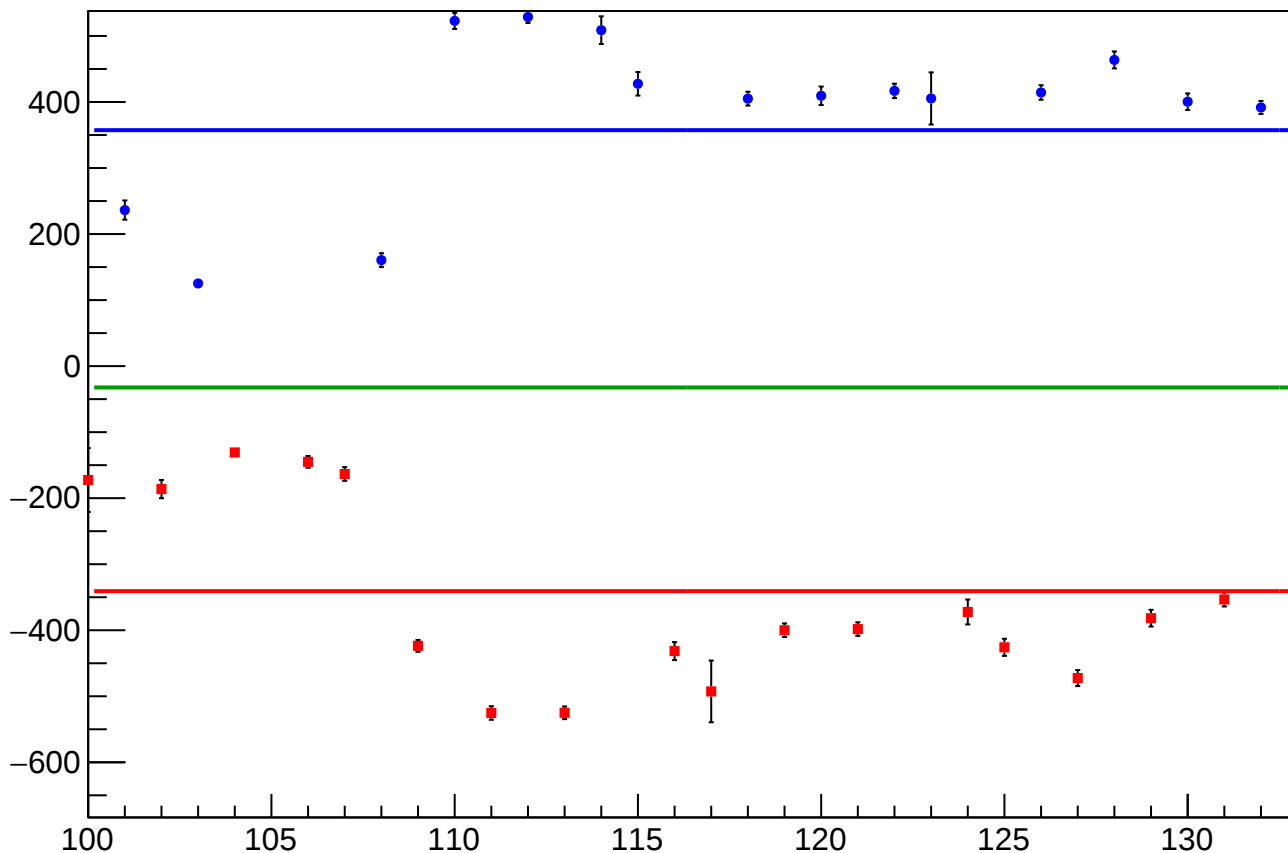
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.279+/-1.633 χ^2/NDF : 197.5/14

-1.195+/-1.083 χ^2/NDF : 422.3/32

-3.137+/-1.447 χ^2/NDF : 220.6/17

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: -340.813 ± 2.666 χ^2/NDF : 3327.2/17

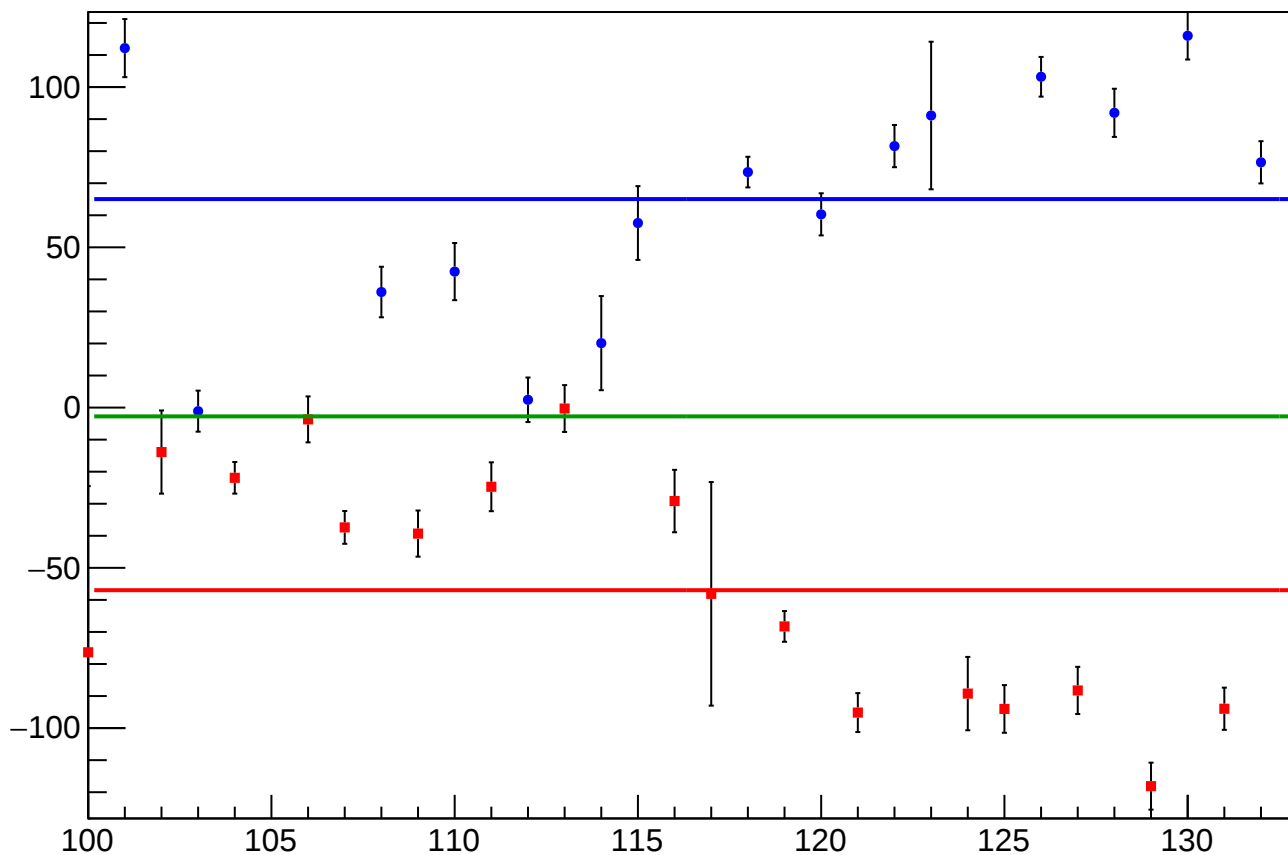
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

357.324 ± 2.997 χ^2/NDF : 2237.2/14

-32.344 ± 1.992 χ^2/NDF : 35857.5/32

-340.813 ± 2.666 χ^2/NDF : 3327.2/17

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.052+/-1.906 χ^2 /NDF: 357.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -56.971+/-1.705 χ^2 /NDF: 452.8/17

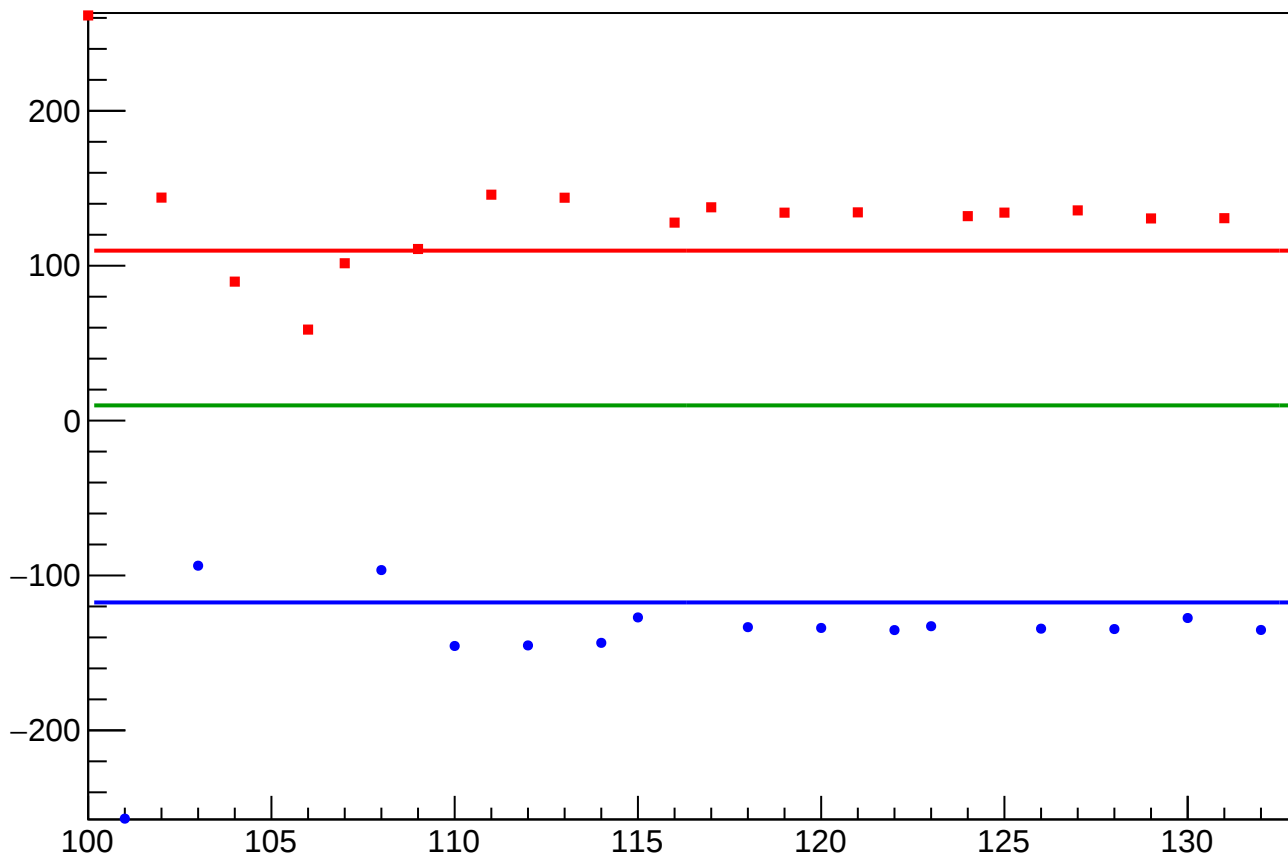
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

65.052+/-1.906 χ^2 /NDF: 357.1/14

-2.745+/-1.271 χ^2 /NDF: 3086.6/32

-56.971+/-1.705 χ^2 /NDF: 452.8/17

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: 109.736+/-0.089 χ^2 /NDF: 126728.6/17

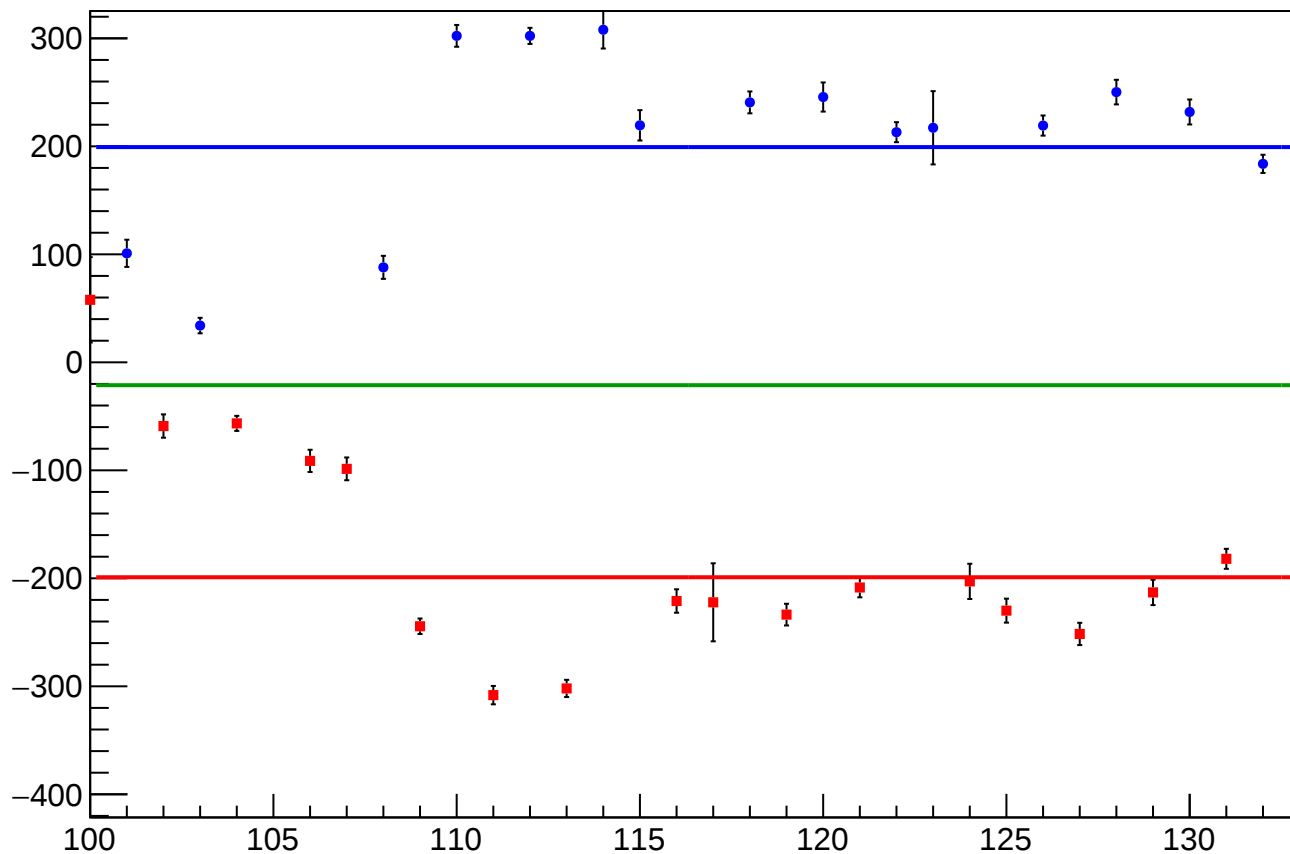
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-117.412+/-0.101 χ^2 /NDF: 115106.5/14

9.814+/-0.067 χ^2 /NDF: 3096622.1/32

109.736+/-0.089 χ^2 /NDF: 126728.6/17

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 199.291 ± 2.679 $\chi^2/\text{NDF}: 1103.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -199.008 ± 2.406 $\chi^2/\text{NDF}: 1435.8/17$

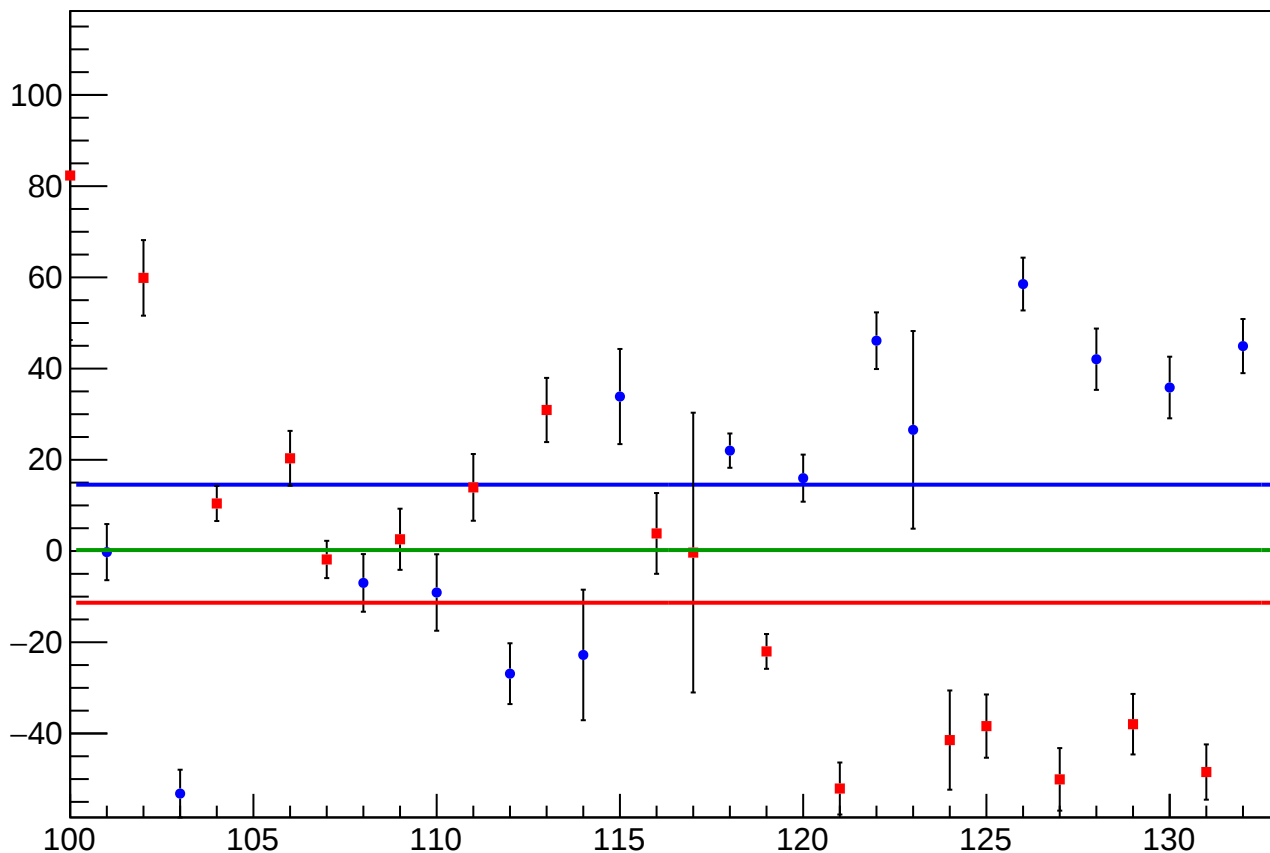
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

199.291 ± 2.679 $\chi^2/\text{NDF}: 1103.6/14$

-21.180 ± 1.790 $\chi^2/\text{NDF}: 14771.7/32$

-199.008 ± 2.406 $\chi^2/\text{NDF}: 1435.8/17$

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: -11.334+/-1.461 χ^2 /NDF: 385.1/17

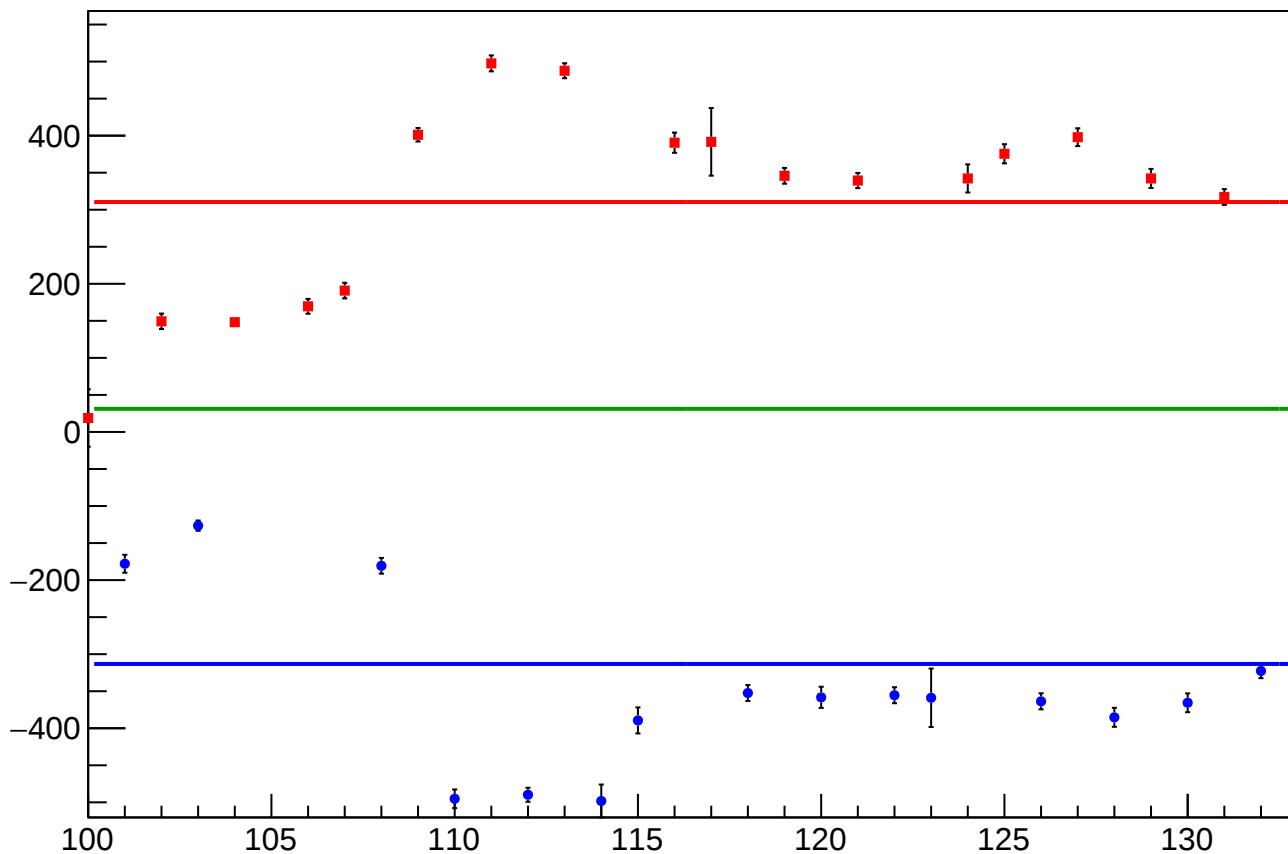
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.549+/-1.628 χ^2 /NDF: 382.6/14

0.214+/-1.087 χ^2 /NDF: 907.7/32

-11.334+/-1.461 χ^2 /NDF: 385.1/17

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: 310.384+/-2.677 χ^2 /NDF: 2261.4/17

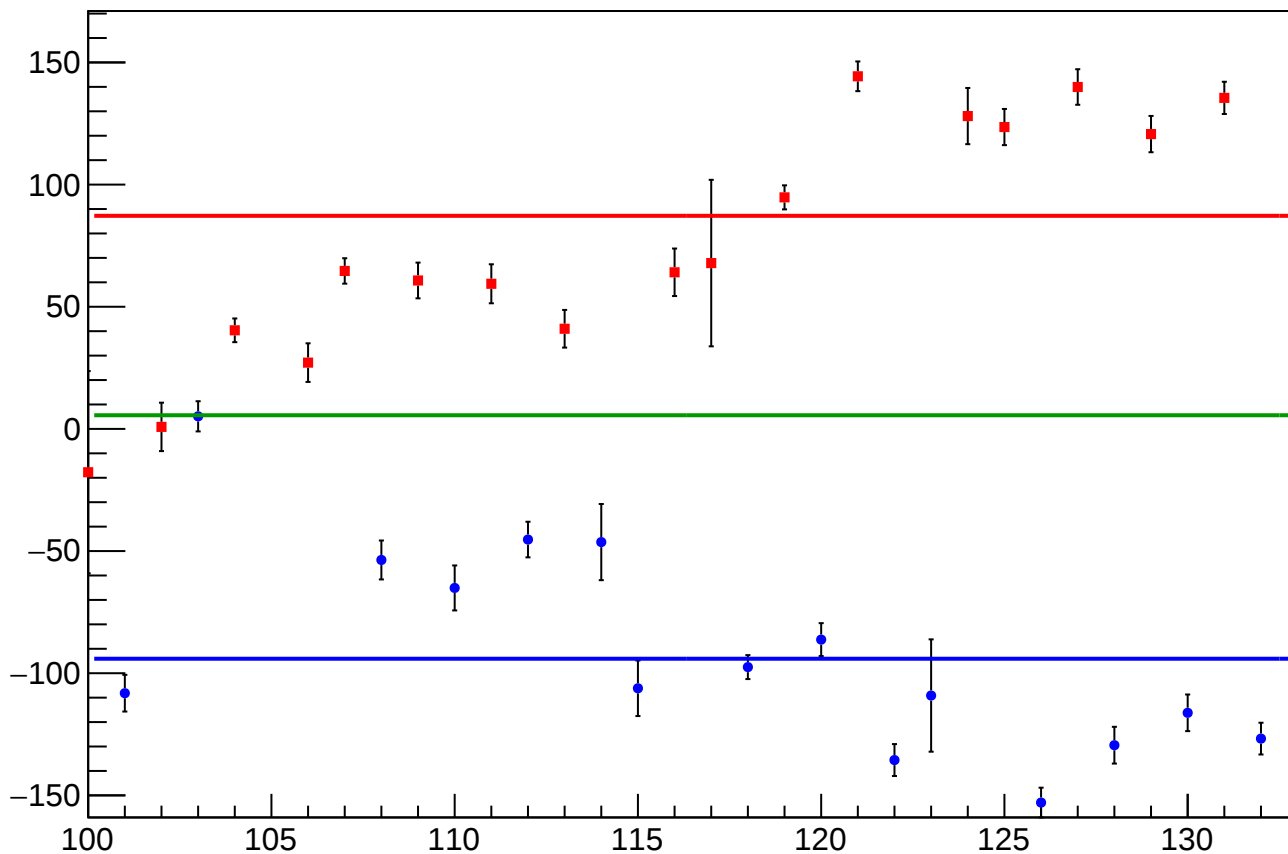
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-313.184+/-2.973 χ^2 /NDF: 1756.8/14

31.222+/-1.989 χ^2 /NDF: 28310.4/32

310.384+/-2.677 χ^2 /NDF: 2261.4/17

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -94.069+/-1.899 χ^2/NDF : 544.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.226+/-1.719 χ^2/NDF : 661.1/17

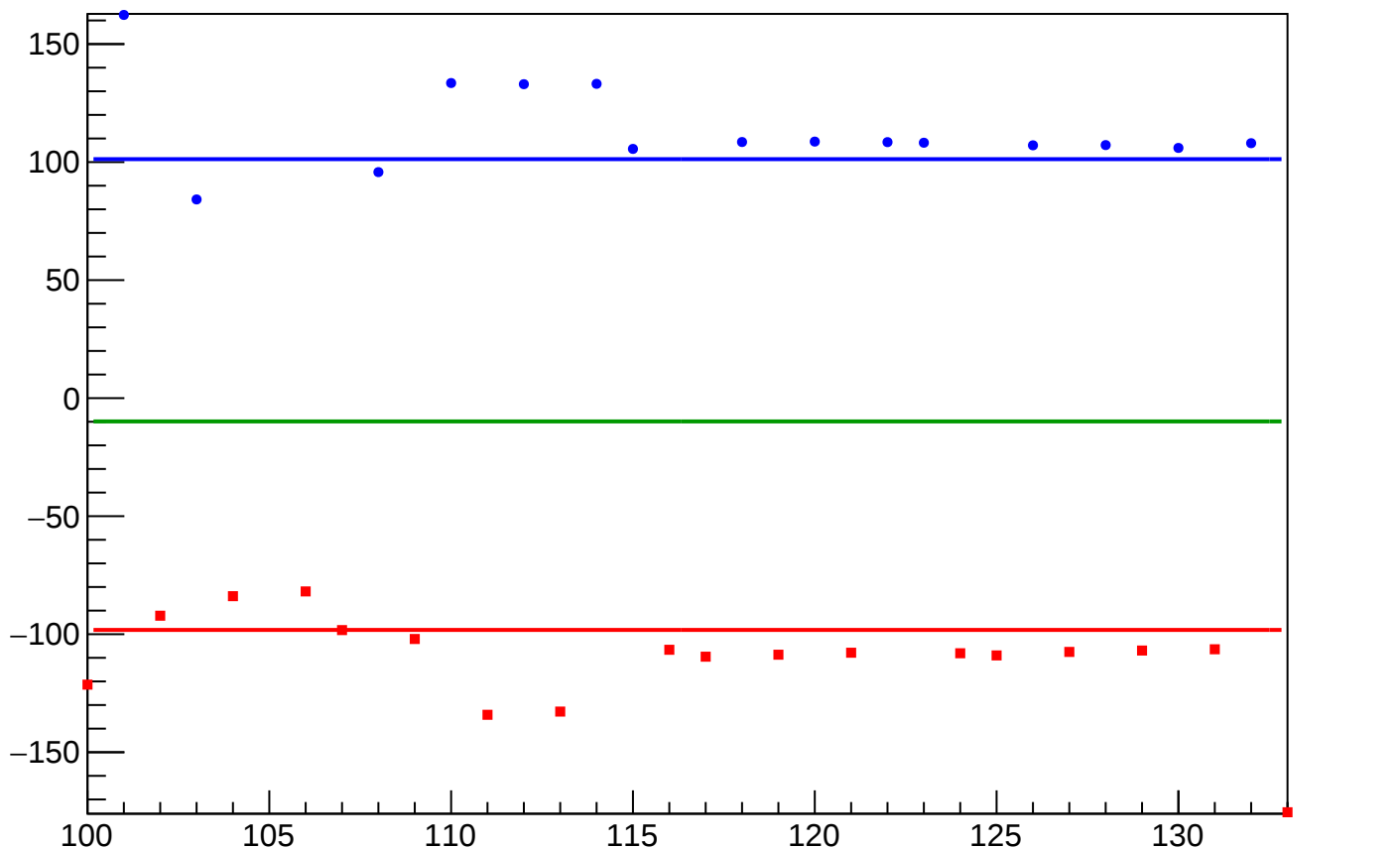
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-94.069+/-1.899 χ^2/NDF : 544.4/14

5.589+/-1.275 χ^2/NDF : 6213.3/32

87.226+/-1.719 χ^2/NDF : 661.1/17

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 101.247+/-0.099 χ^2/NDF : 42500.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.188+/-0.088 χ^2/NDF : 39696.0/17

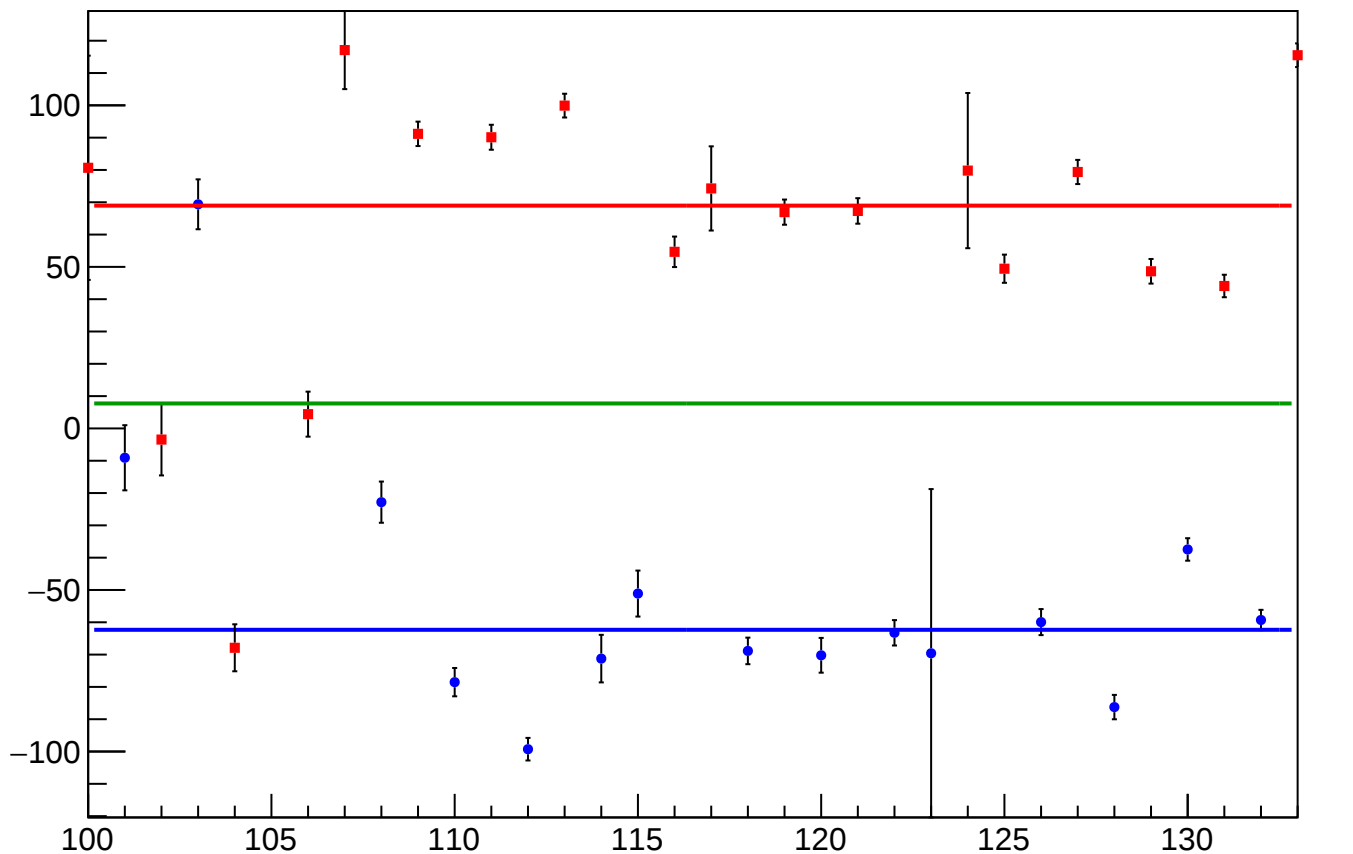
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

101.247+/-0.099 χ^2/NDF : 42500.3/14

-9.859+/-0.066 χ^2/NDF : 2358226.8/32

-98.188+/-0.088 χ^2/NDF : 39696.0/17

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: 68.961 ± 1.119 χ^2/NDF : 912.7/17

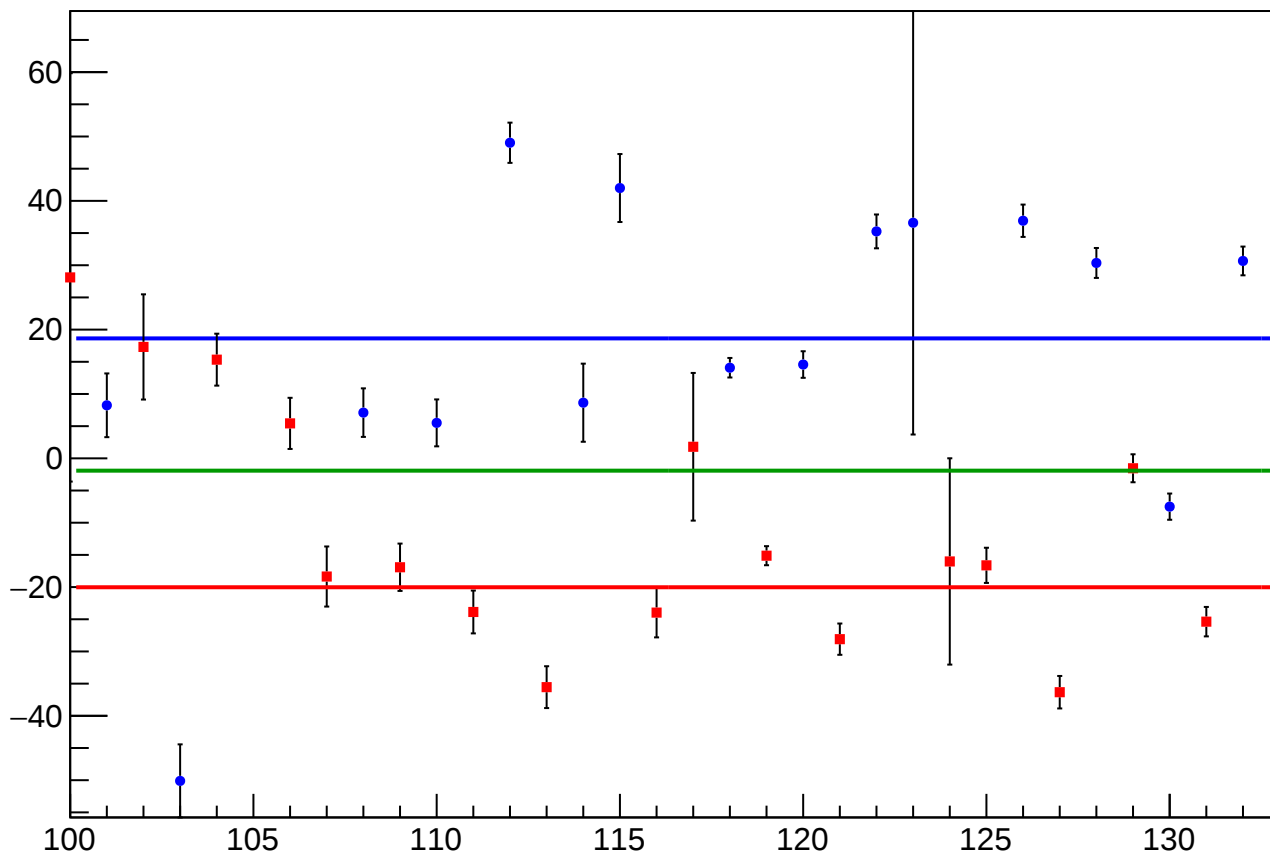
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-62.326 ± 1.197 χ^2/NDF : 583.7/14

7.729 ± 0.817 χ^2/NDF : 7916.6/32

68.961 ± 1.119 χ^2/NDF : 912.7/17

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: -20.027+/-0.667 χ^2/NDF : 362.8/17

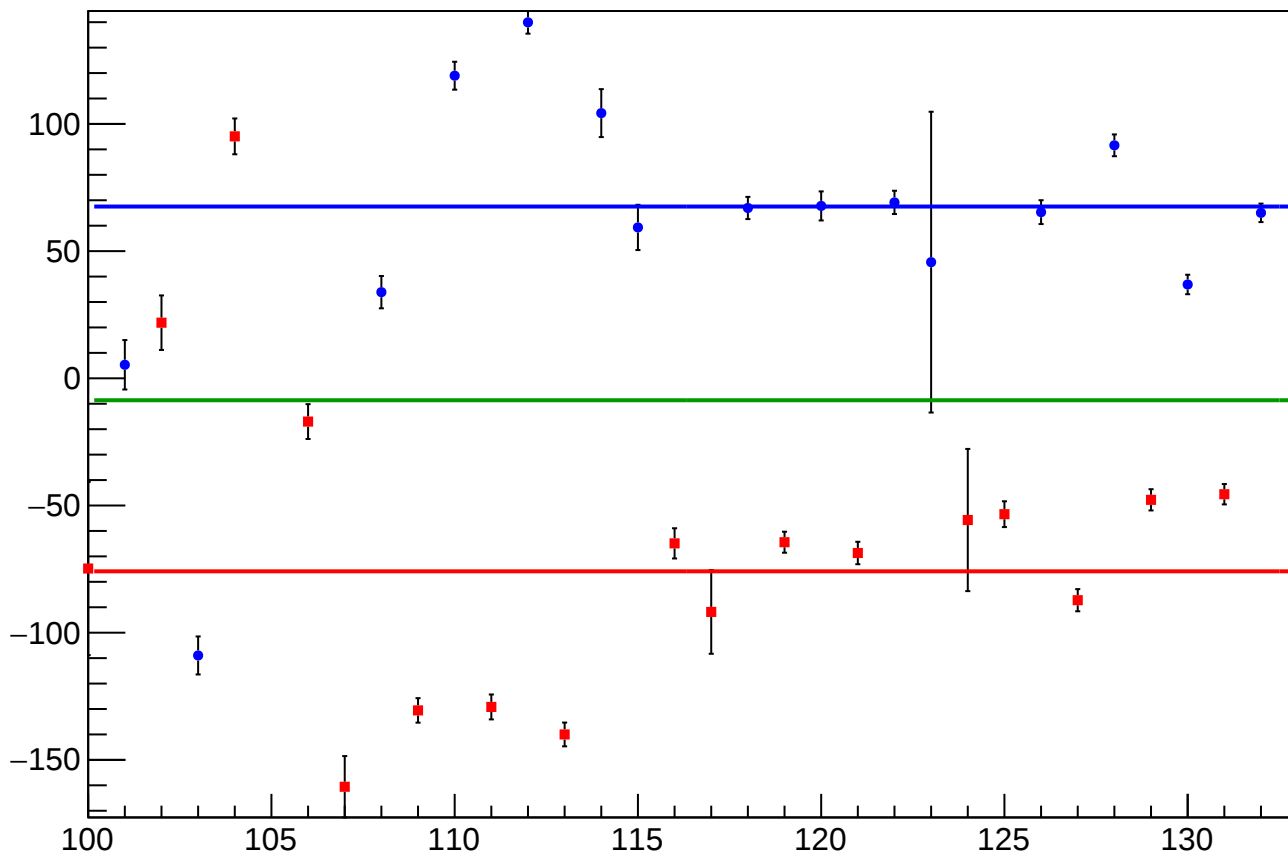
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.634+/-0.710 χ^2/NDF : 615.4/14

-1.913+/-0.486 χ^2/NDF : 2552.8/32

-20.027+/-0.667 χ^2/NDF : 362.8/17

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: -75.874+/-1.283 χ^2/NDF : 1477.8/17

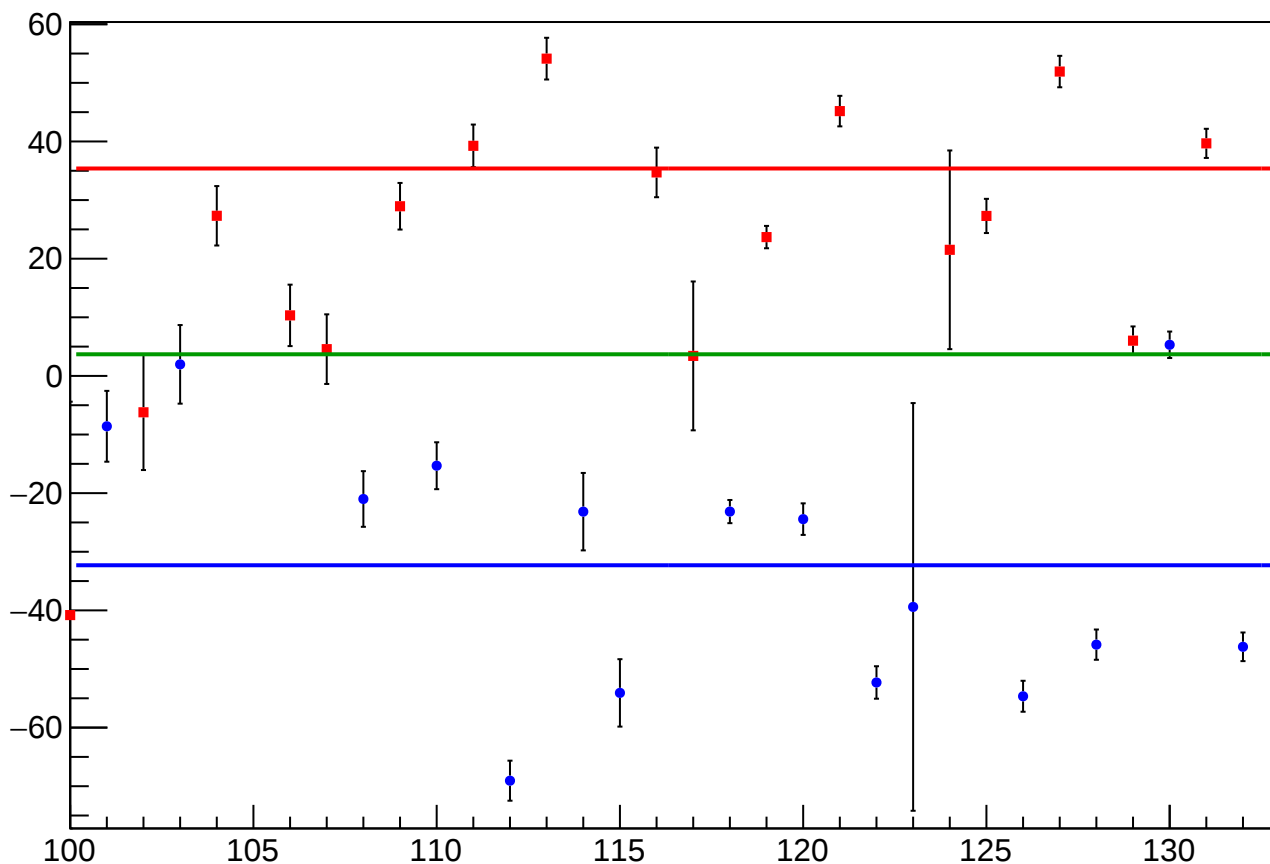
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.531+/-1.366 χ^2/NDF : 1092.6/14

-8.621+/-0.935 χ^2/NDF : 8426.8/32

-75.874+/-1.283 χ^2/NDF : 1477.8/17

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.304 ± 0.823 χ^2/NDF : 688.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.389 ± 0.772 χ^2/NDF : 503.2/17

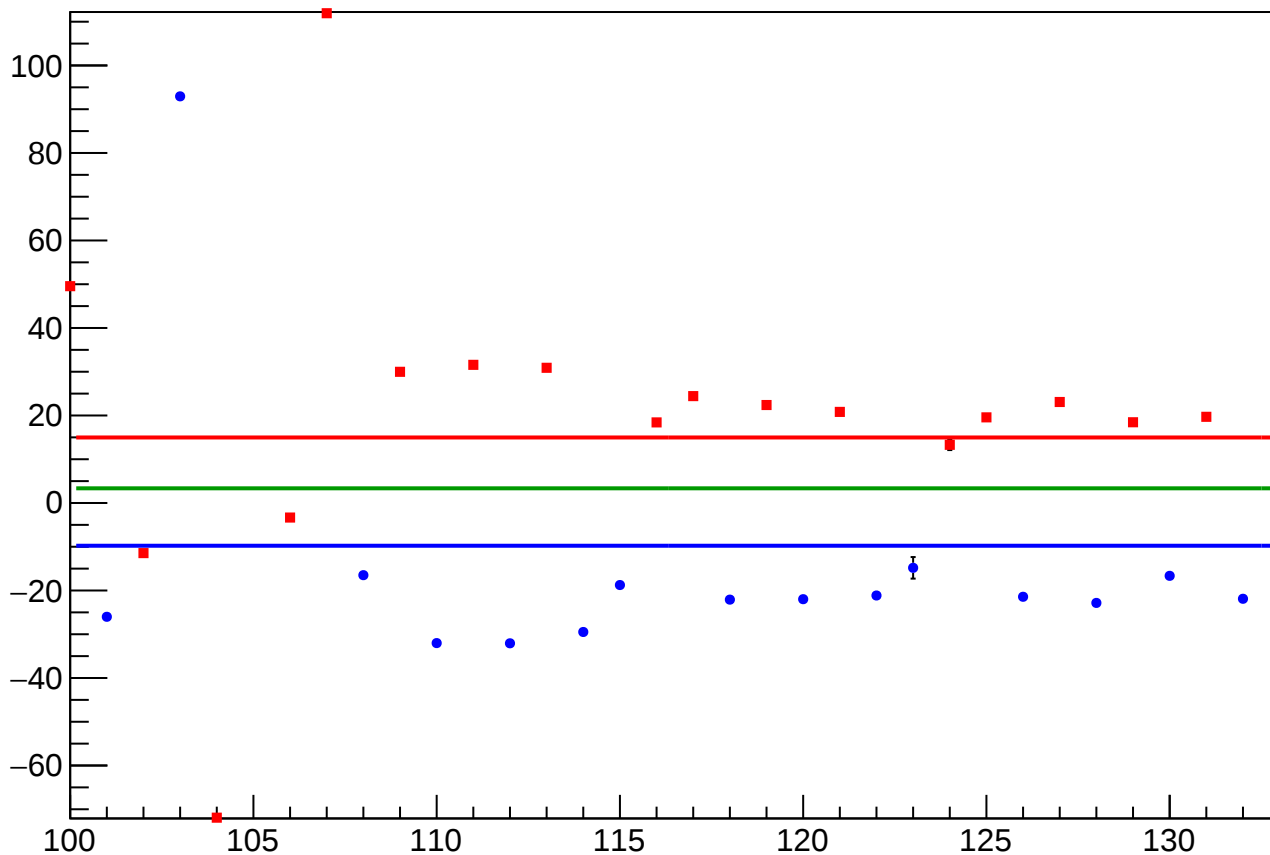
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.304 ± 0.823 χ^2/NDF : 688.6/14

3.691 ± 0.563 χ^2/NDF : 4791.6/32

35.389 ± 0.772 χ^2/NDF : 503.2/17

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: 14.975+/-0.051 χ^2/NDF : 406646.1/17

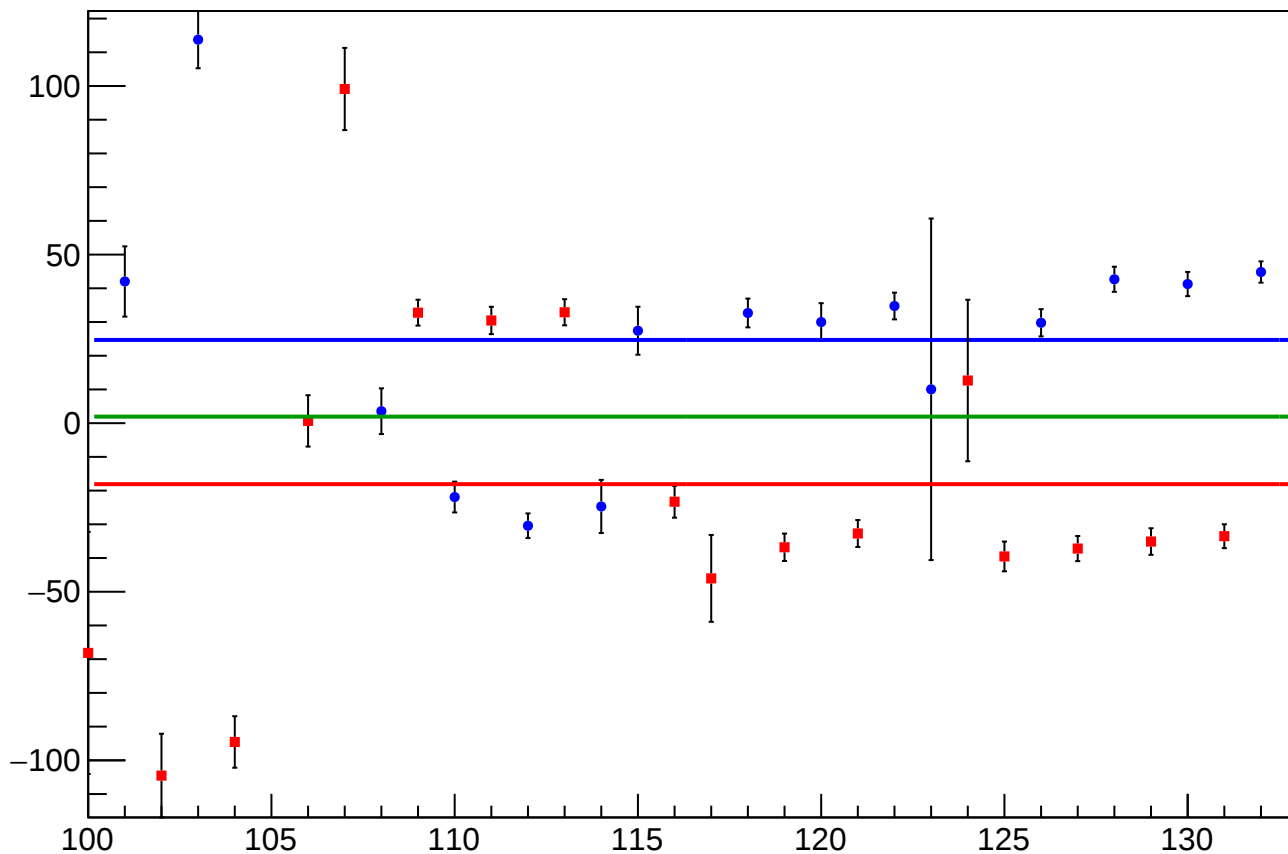
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.770+/-0.054 χ^2/NDF : 427129.7/14

3.354+/-0.037 χ^2/NDF : 943798.4/32

14.975+/-0.051 χ^2/NDF : 406646.1/17

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.684 ± 1.226 χ^2/NDF : 590.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.089 ± 1.150 χ^2/NDF : 917.5/17

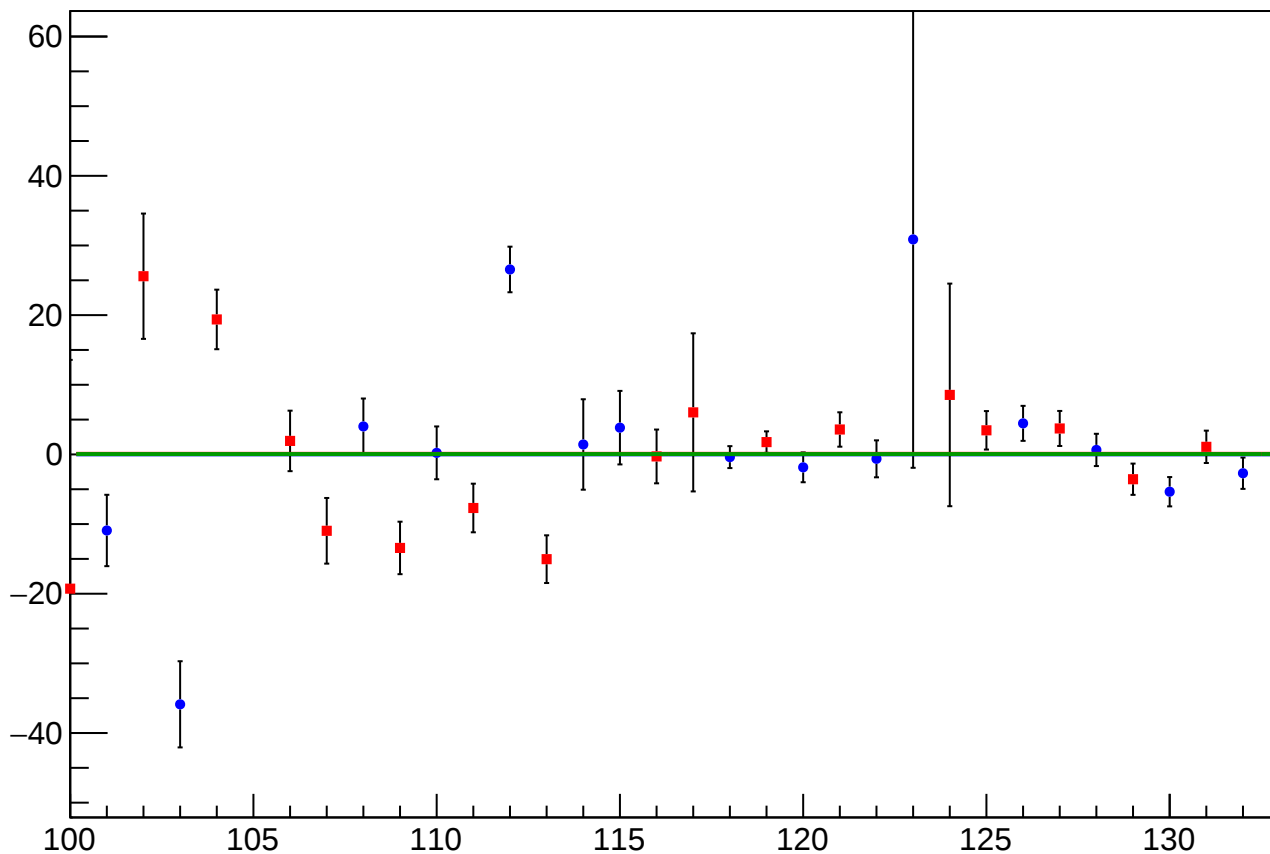
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

24.684 ± 1.226 χ^2/NDF : 590.5/14

1.937 ± 0.839 χ^2/NDF : 2155.2/32

-18.089 ± 1.150 χ^2/NDF : 917.5/17

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: 0.084+/-0.688 χ^2/NDF : 82.0/17

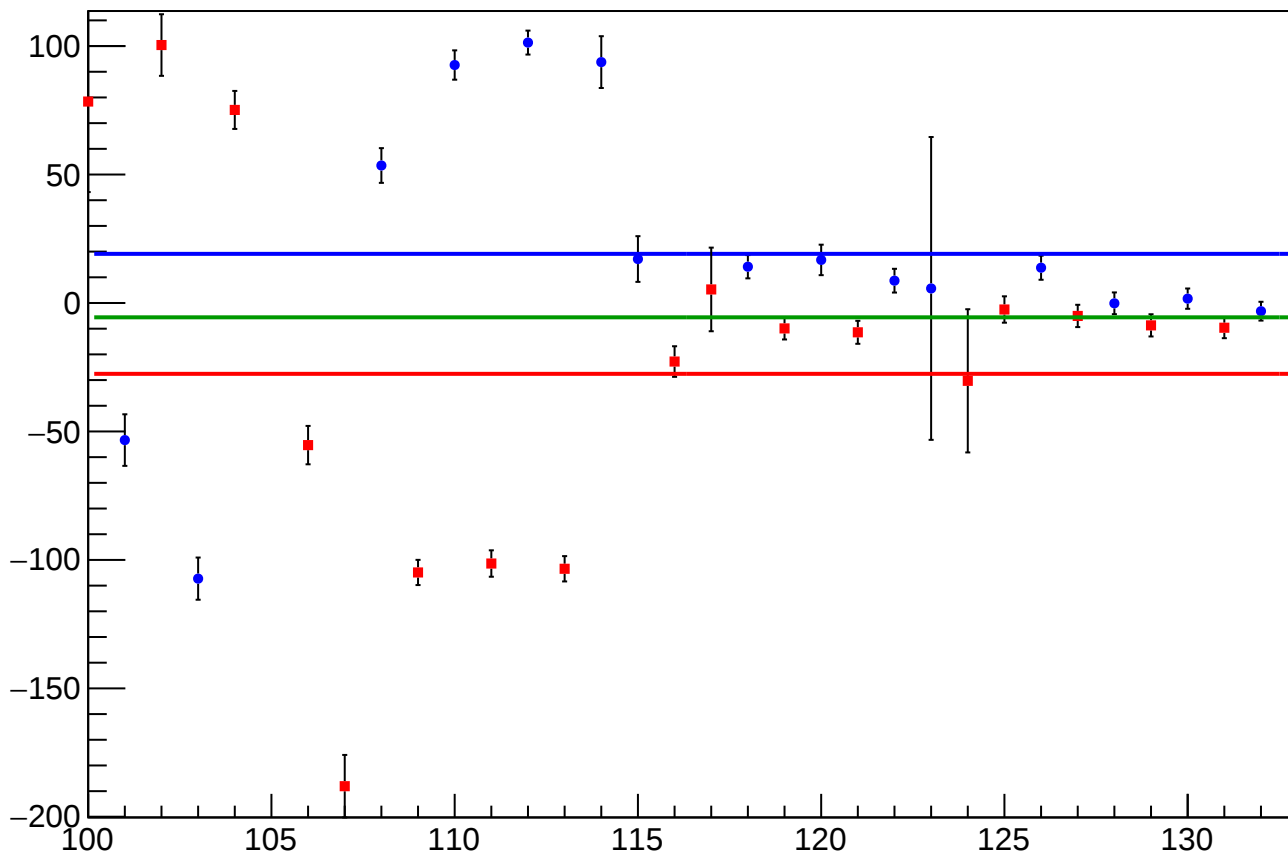
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.729 χ^2/NDF : 118.5/14

0.051+/-0.500 χ^2/NDF : 200.5/32

0.084+/-0.688 χ^2/NDF : 82.0/17

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: -27.574+/-1.321 χ^2 /NDF: 1362.7/17

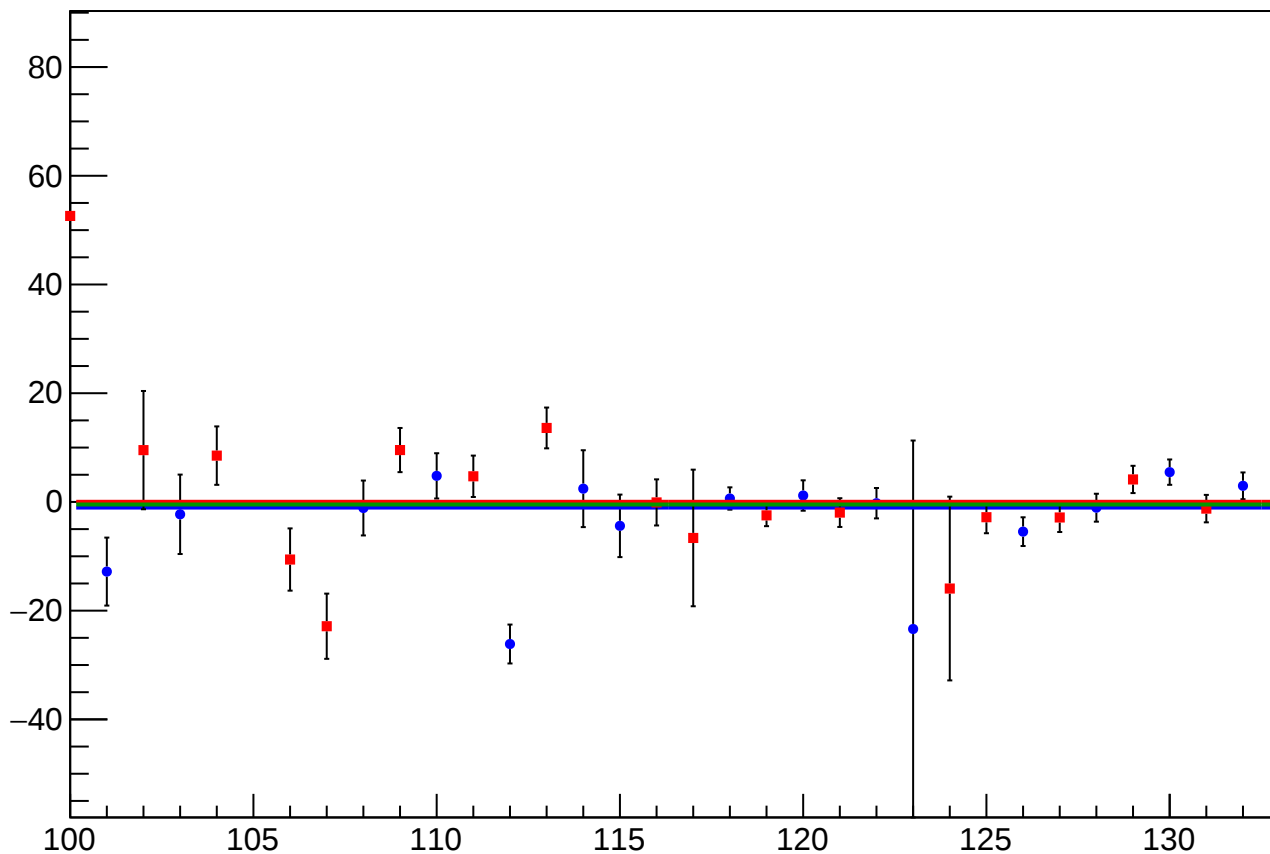
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.126+/-1.400 χ^2 /NDF: 931.9/14

-5.577+/-0.961 χ^2 /NDF: 2883.0/32

-27.574+/-1.321 χ^2 /NDF: 1362.7/17

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: 0.027+/-0.795 χ^2 /NDF: 51.7/17

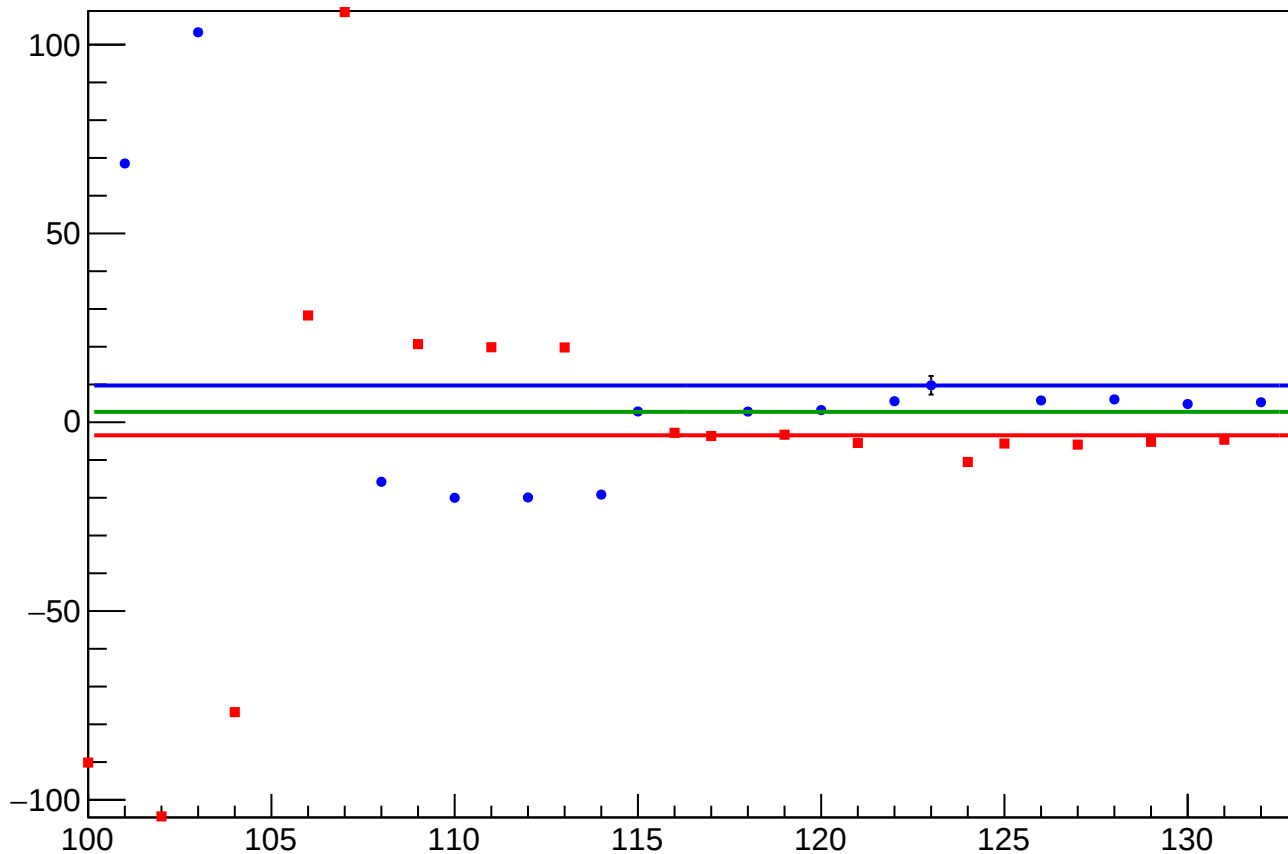
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.036+/-0.843 χ^2 /NDF: 70.4/14

-0.474+/-0.578 χ^2 /NDF: 122.9/32

0.027+/-0.795 χ^2 /NDF: 51.7/17

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: -3.457 ± 0.053 χ^2/NDF : 510576.5/17

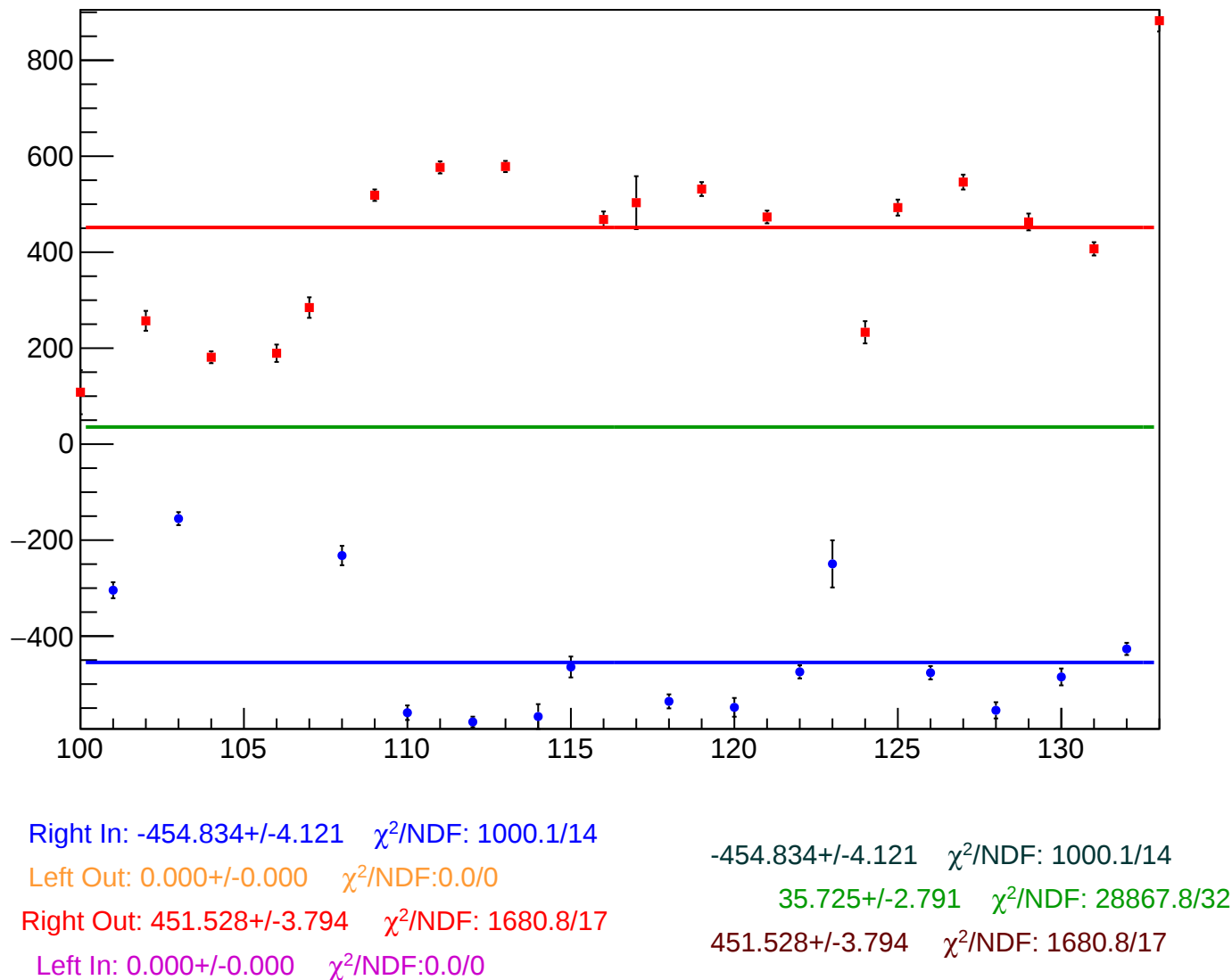
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.734 ± 0.056 χ^2/NDF : 351586.7/14

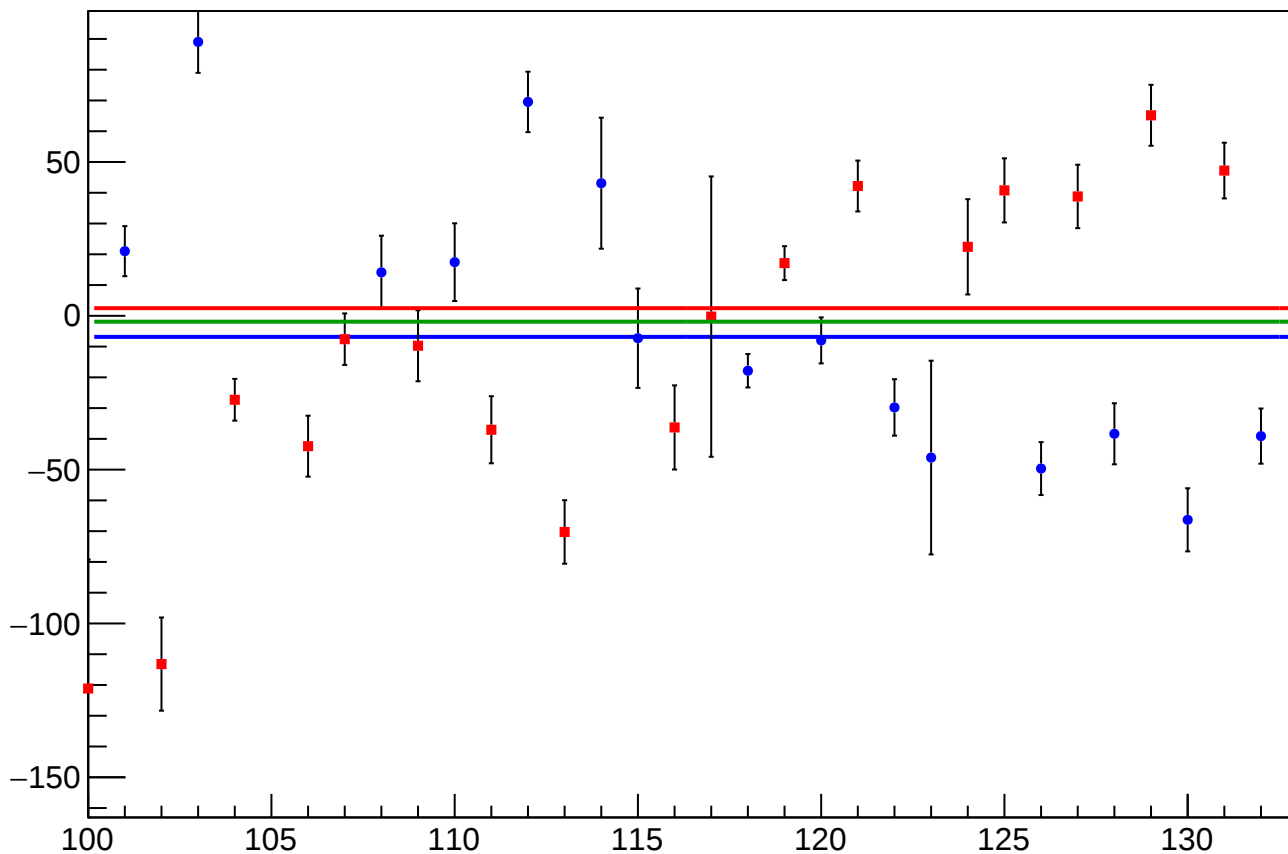
2.757 ± 0.039 χ^2/NDF : 891291.4/32

-3.457 ± 0.053 χ^2/NDF : 510576.5/17

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



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: 2.484 ± 2.320 χ^2/NDF : 303.6/17

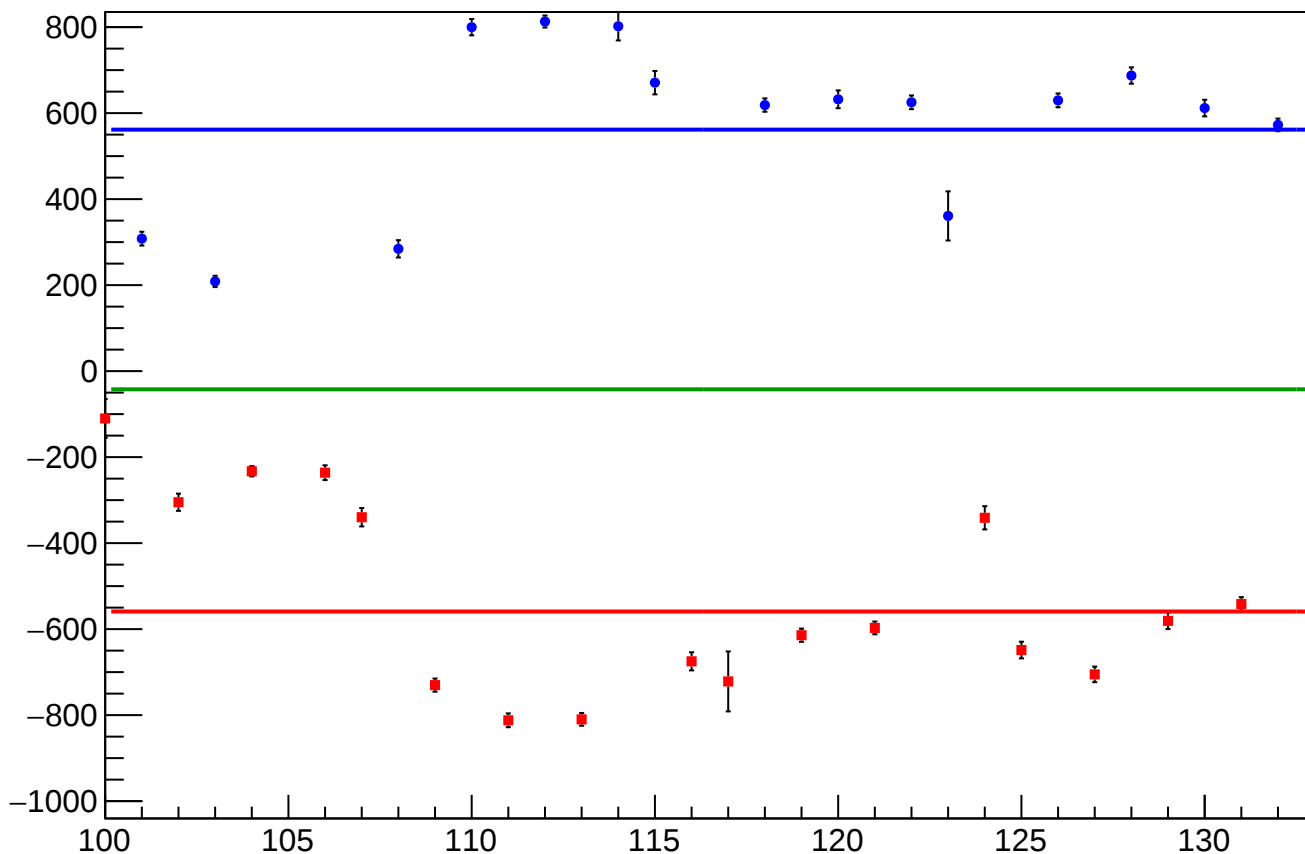
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.846 ± 2.462 χ^2/NDF : 268.8/14

-1.905 ± 1.689 χ^2/NDF : 580.0/32

2.484 ± 2.320 χ^2/NDF : 303.6/17

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: -559.021 ± 4.271 χ^2/NDF : 2677.9/17

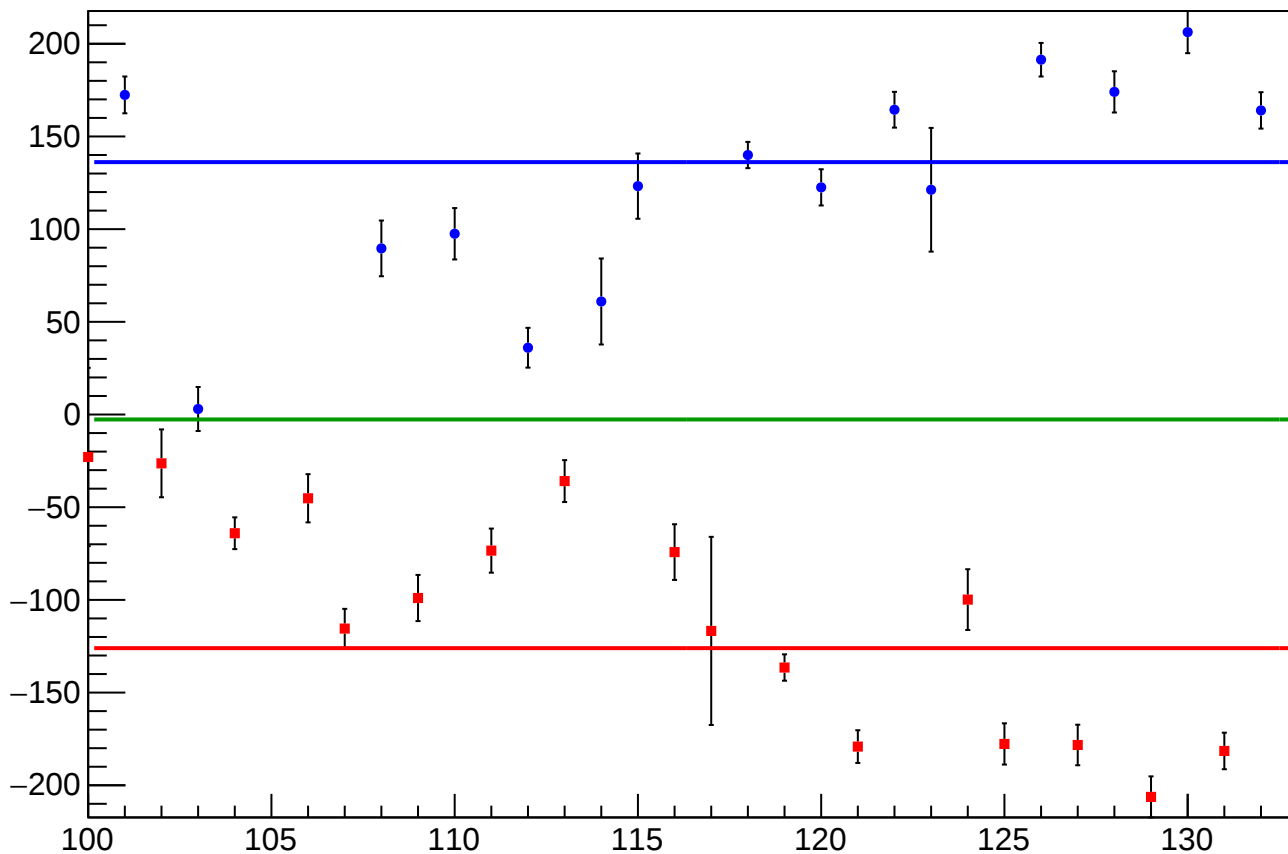
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

561.576 ± 4.617 χ^2/NDF : 1828.8/14

-42.323 ± 3.135 χ^2/NDF : 36252.6/32

-559.021 ± 4.271 χ^2/NDF : 2677.9/17

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 136.158+/-2.874 χ^2/NDF : 360.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.026+/-2.709 χ^2/NDF : 414.5/17

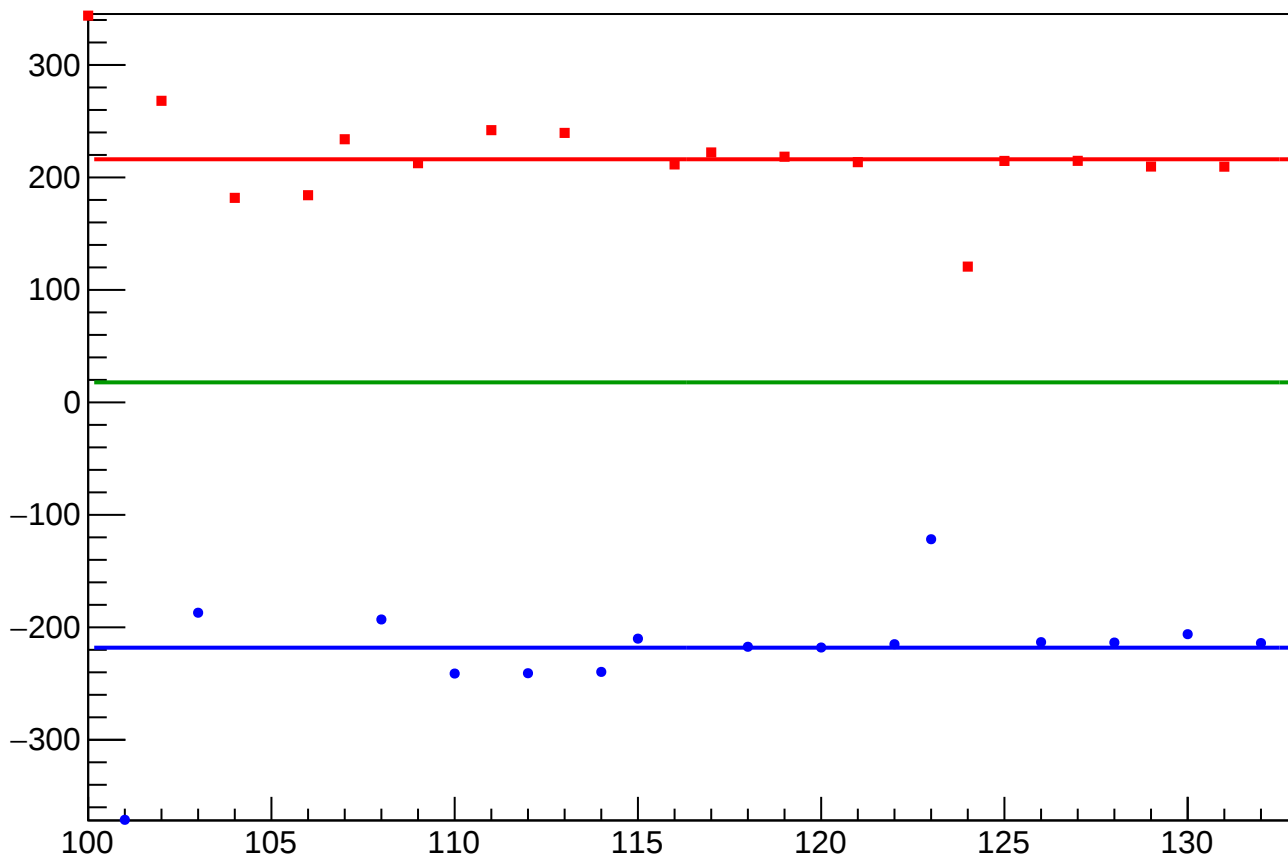
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.158+/-2.874 χ^2/NDF : 360.5/14

-2.670+/-1.971 χ^2/NDF : 5182.0/32

-126.026+/-2.709 χ^2/NDF : 414.5/17

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: 216.152+/-0.151 χ^2/NDF : 60452.9/17

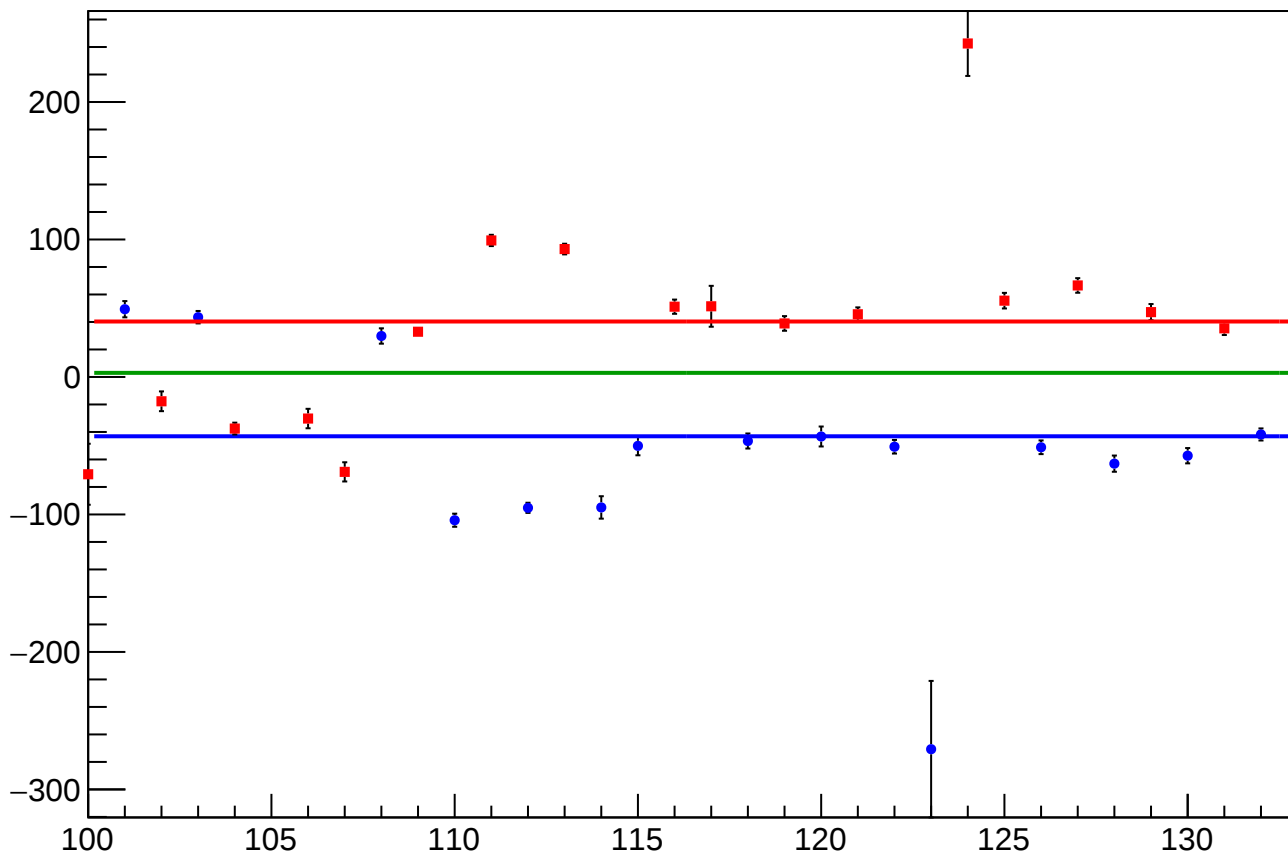
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-218.087+/-0.165 χ^2/NDF : 88076.9/14

17.801+/-0.111 χ^2/NDF : 3929768.7/32

216.152+/-0.151 χ^2/NDF : 60452.9/17

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: 40.346 ± 1.260 $\chi^2/\text{NDF}: 1309.8/17$

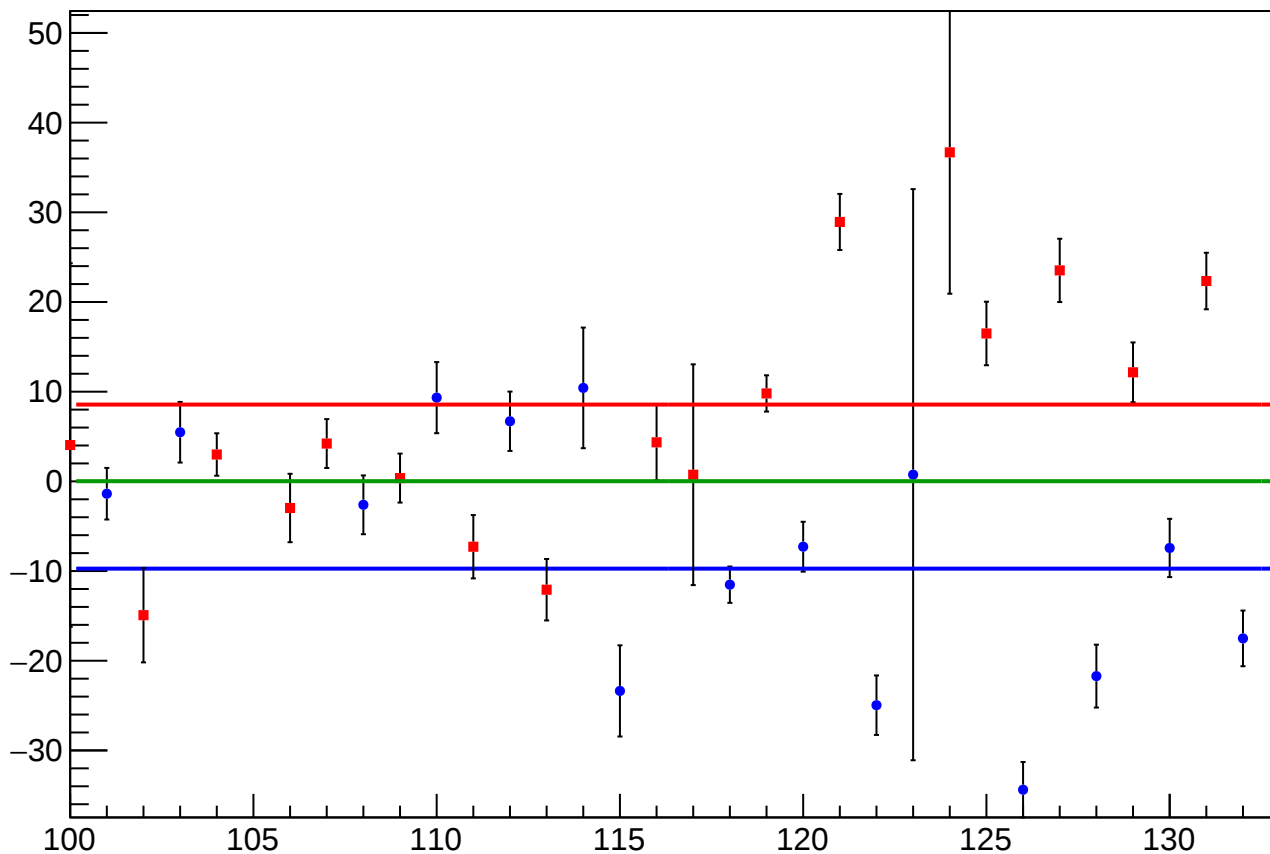
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-43.139 ± 1.401 $\chi^2/\text{NDF}: 1229.8/14$

2.993 ± 0.937 $\chi^2/\text{NDF}: 4502.7/32$

40.346 ± 1.260 $\chi^2/\text{NDF}: 1309.8/17$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.731 ± 0.855 $\chi^2/\text{NDF}: 202.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.563 ± 0.800 $\chi^2/\text{NDF}: 227.1/17$

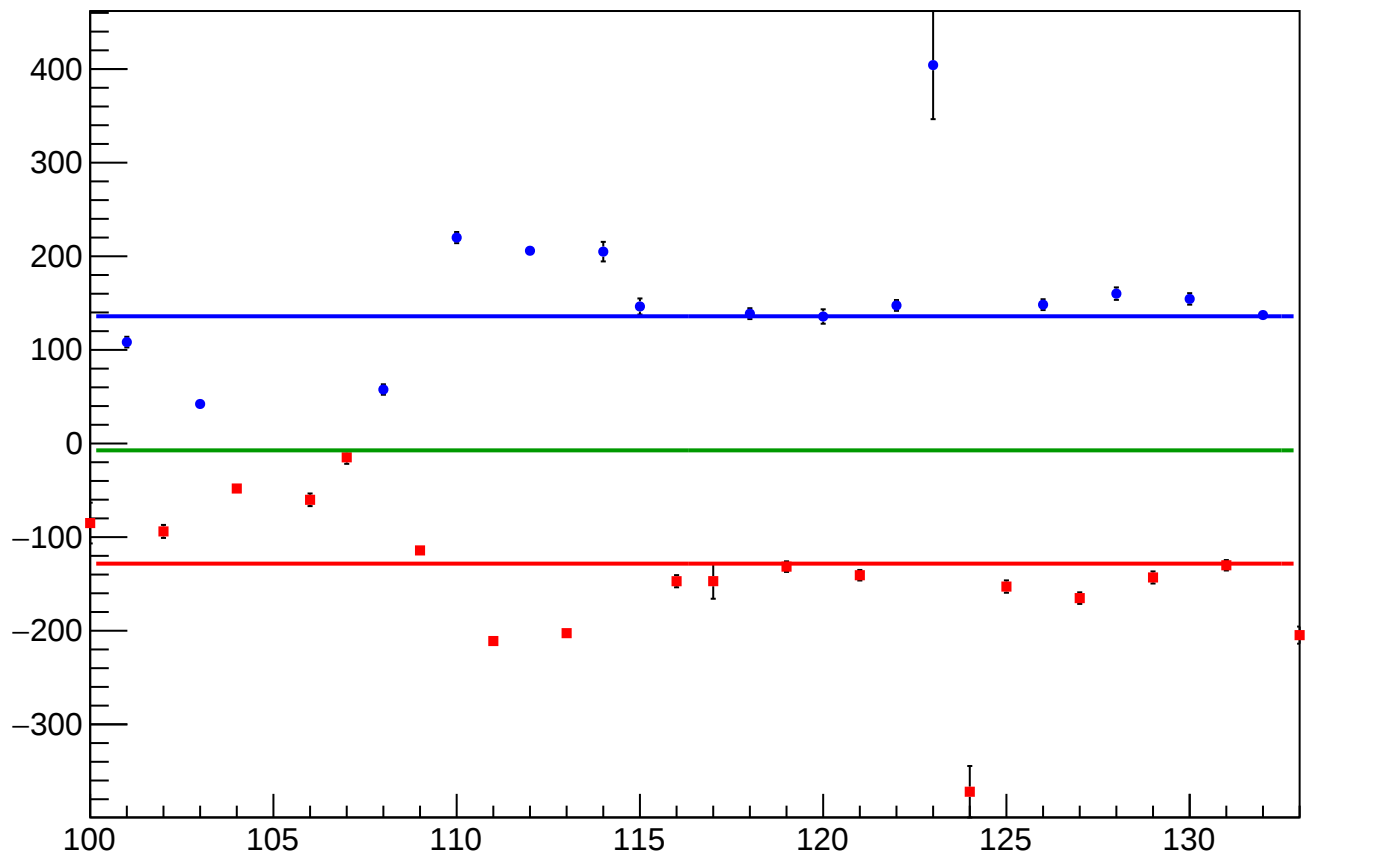
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-9.731 ± 0.855 $\chi^2/\text{NDF}: 202.2/14$

0.020 ± 0.584 $\chi^2/\text{NDF}: 673.2/32$

8.563 ± 0.800 $\chi^2/\text{NDF}: 227.1/17$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.905 ± 1.569 χ^2/NDF : 1197.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.328 ± 1.443 χ^2/NDF : 1478.4/17

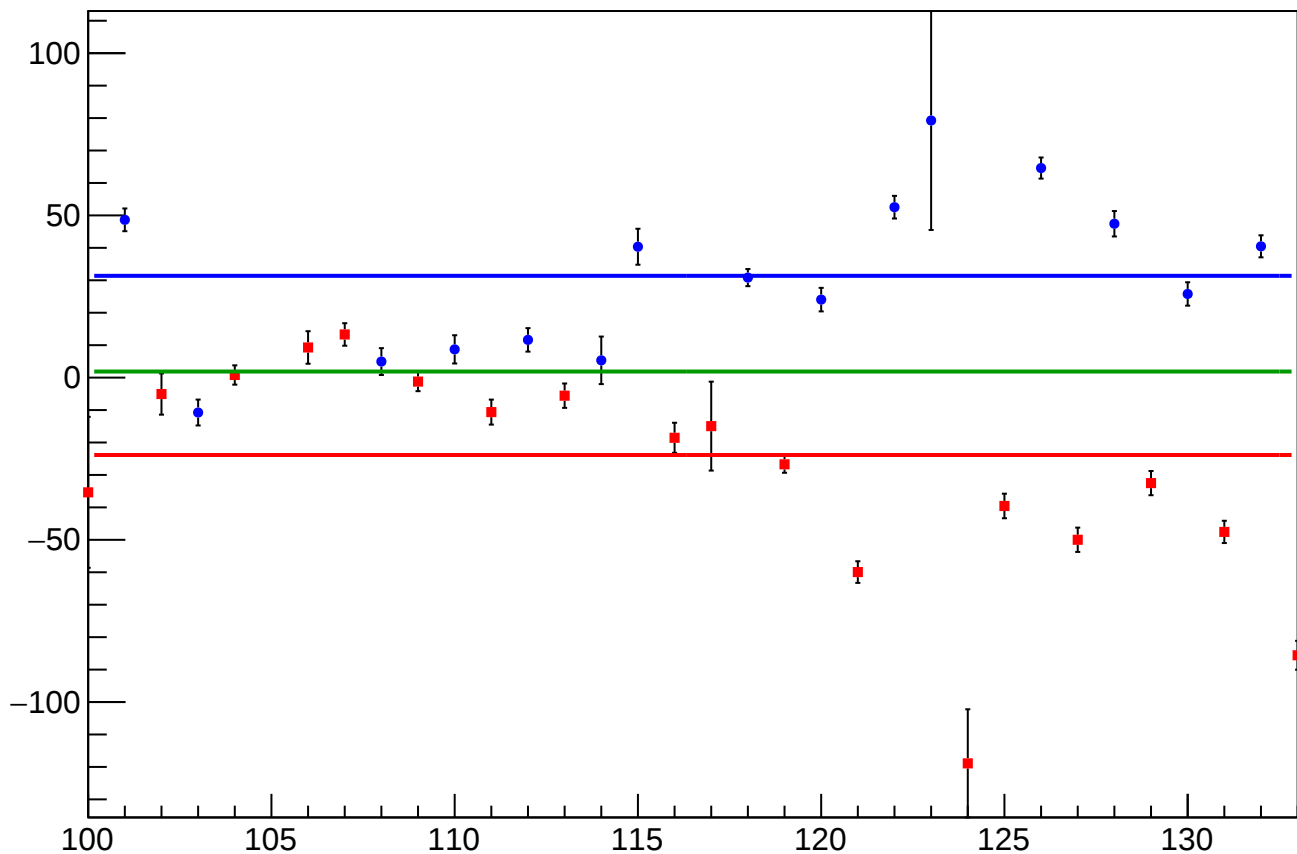
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

135.905 ± 1.569 χ^2/NDF : 1197.3/14

-7.321 ± 1.062 χ^2/NDF : 18039.6/32

-128.328 ± 1.443 χ^2/NDF : 1478.4/17

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: -23.852+/-0.930 χ^2 /NDF: 794.3/17

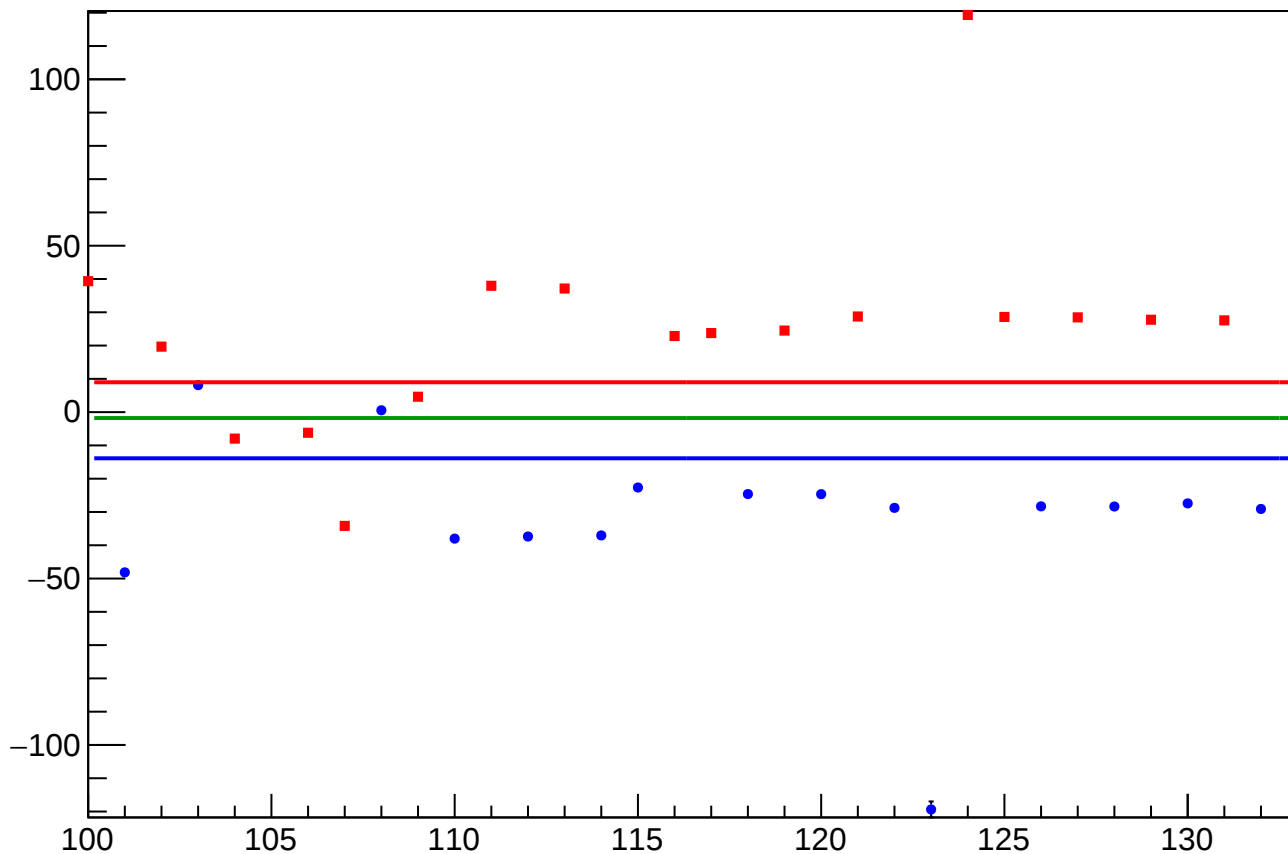
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

31.376+/-0.996 χ^2 /NDF: 422.3/14

1.875+/-0.680 χ^2 /NDF: 2859.8/32

-23.852+/-0.930 χ^2 /NDF: 794.3/17

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.870 ± 0.055 χ^2/NDF : 133440.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.977 ± 0.051 χ^2/NDF : 199688.6/17

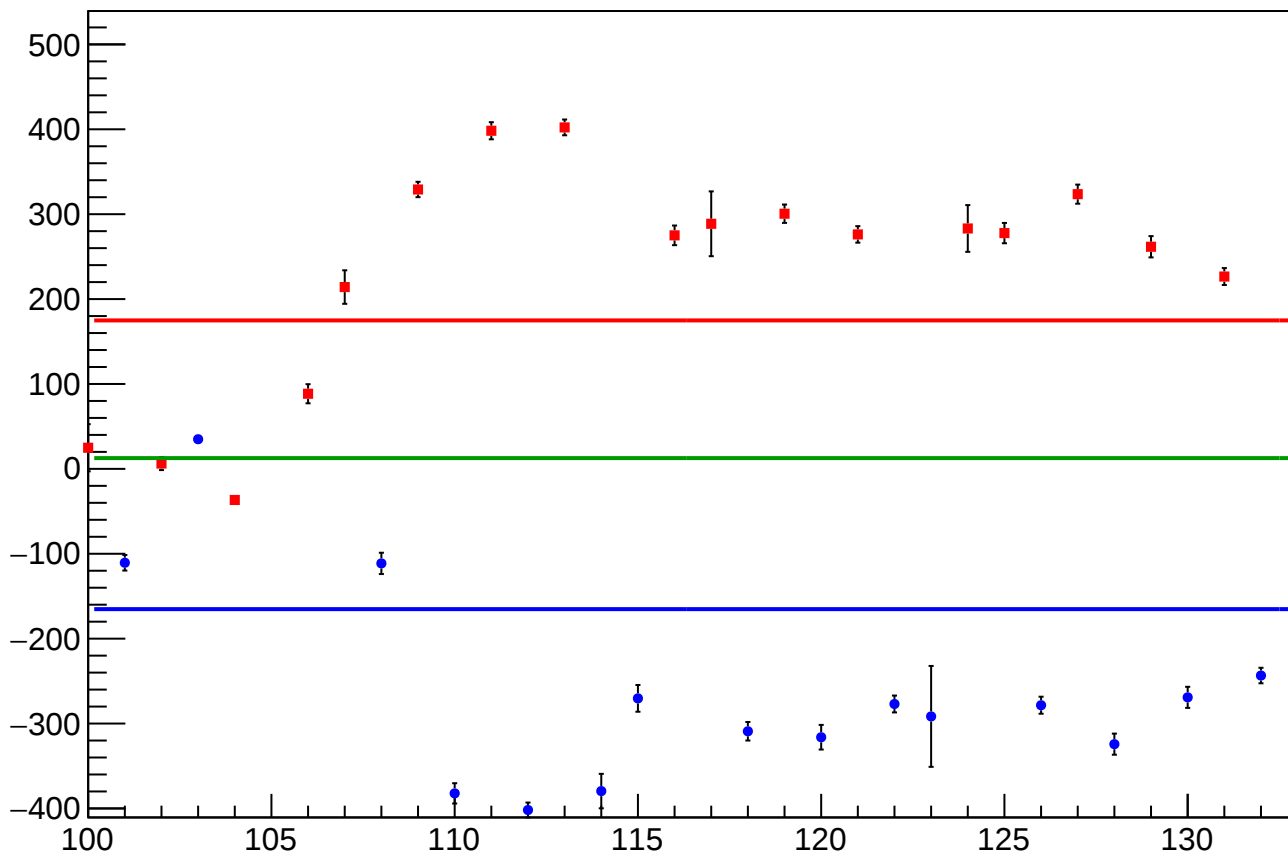
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-13.870 ± 0.055 χ^2/NDF : 133440.1/14

-1.781 ± 0.037 χ^2/NDF : 426114.6/32

8.977 ± 0.051 χ^2/NDF : 199688.6/17

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: 174.860+/-2.386 χ^2/NDF : 5295.1/17

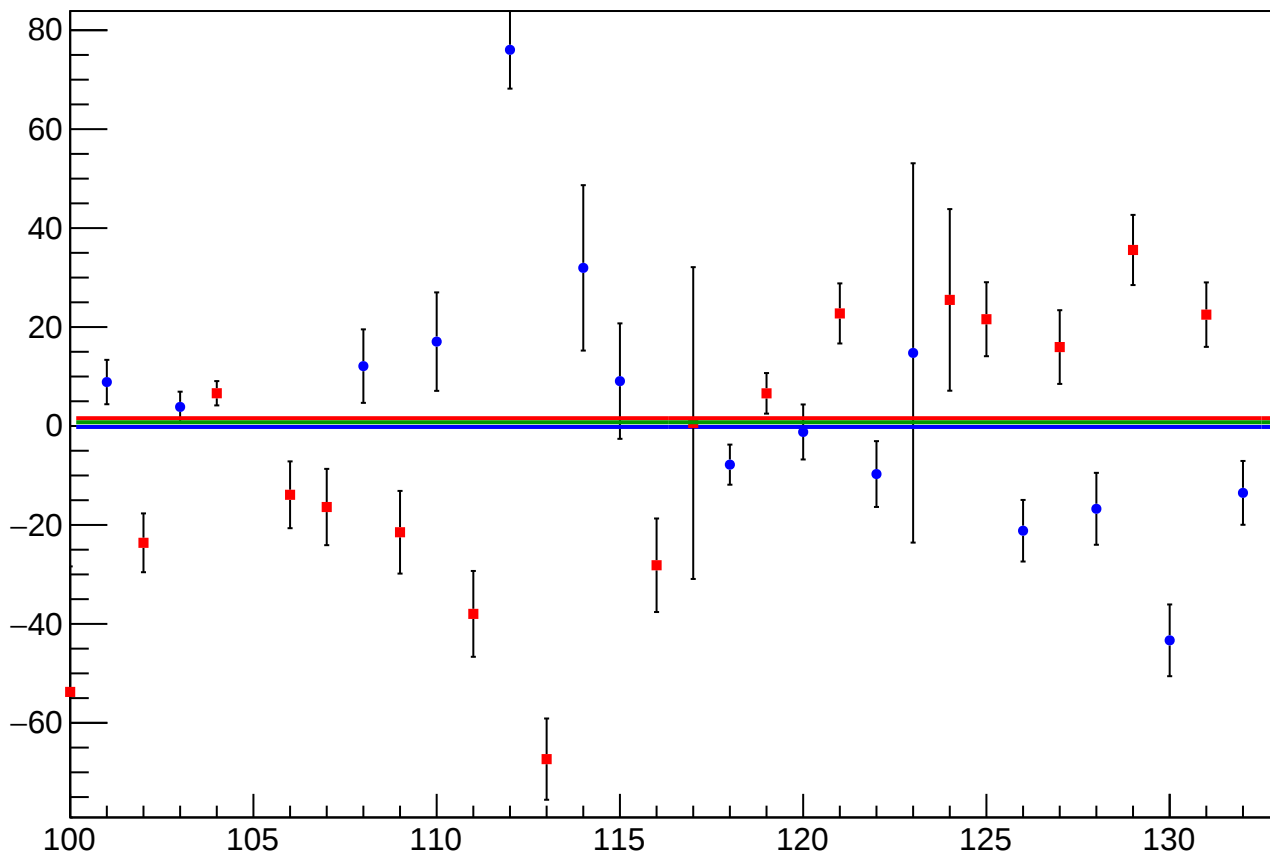
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-165.223+/-2.500 χ^2/NDF : 4397.5/14

12.682+/-1.726 χ^2/NDF : 19376.7/32

174.860+/-2.386 χ^2/NDF : 5295.1/17

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.194 ± 1.553 χ^2/NDF : 172.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.578 ± 1.446 χ^2/NDF : 206.2/17

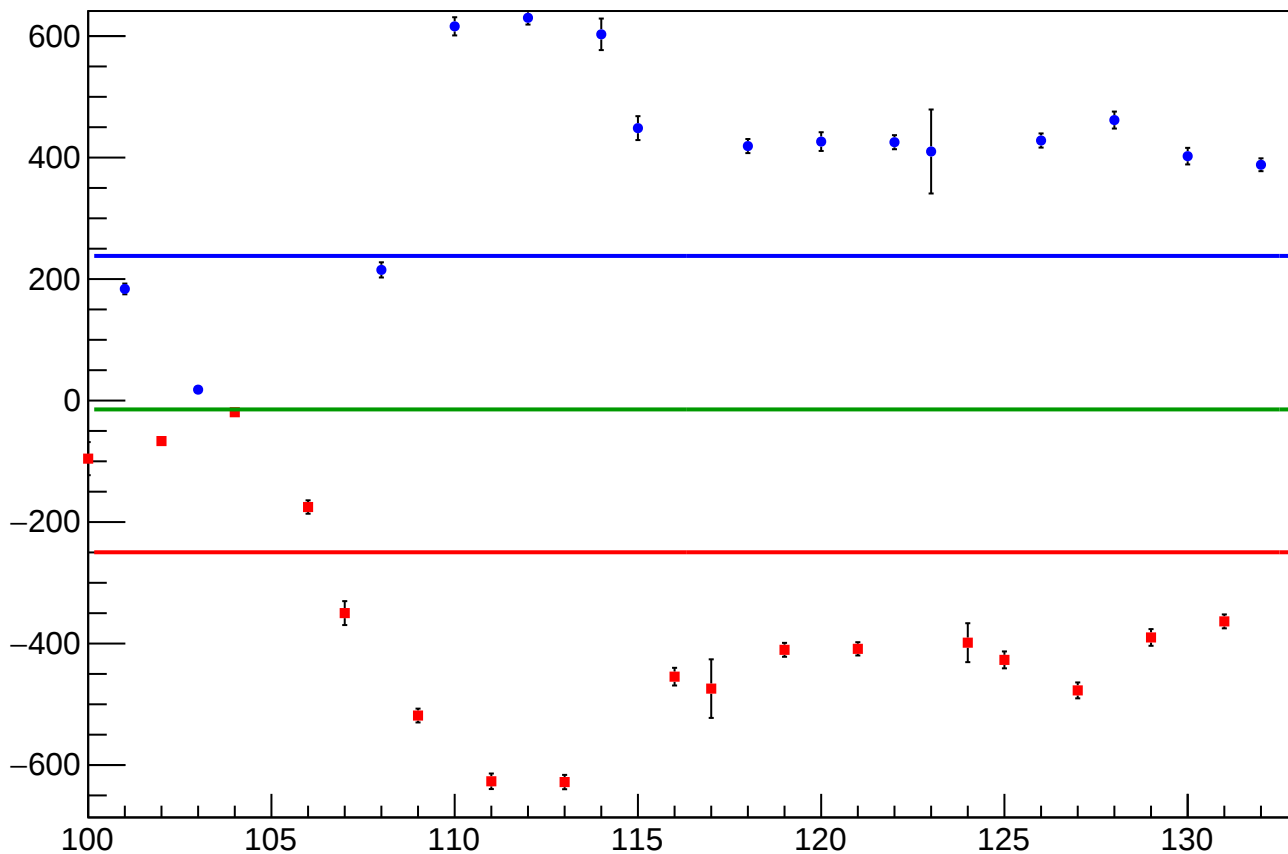
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.194 ± 1.553 χ^2/NDF : 172.3/14

0.755 ± 1.058 χ^2/NDF : 379.1/32

1.578 ± 1.446 χ^2/NDF : 206.2/17

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 238.114+/-2.647 χ^2/NDF : 6704.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -249.732+/-2.553 χ^2/NDF : 7856.8/17

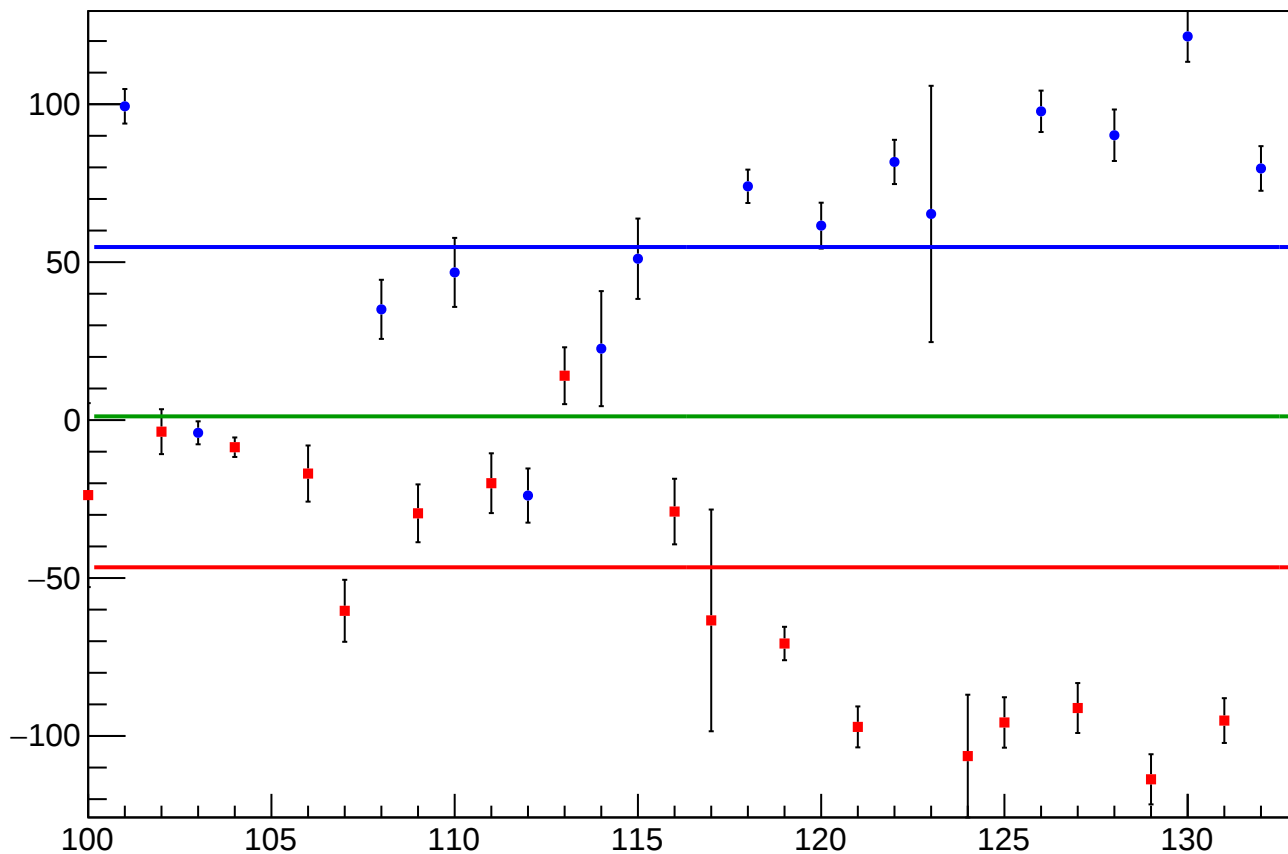
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

238.114+/-2.647 χ^2/NDF : 6704.0/14

-14.579+/-1.838 χ^2/NDF : 32155.9/32

-249.732+/-2.553 χ^2/NDF : 7856.8/17

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: -46.601+/-1.720 χ^2/NDF : 583.3/17

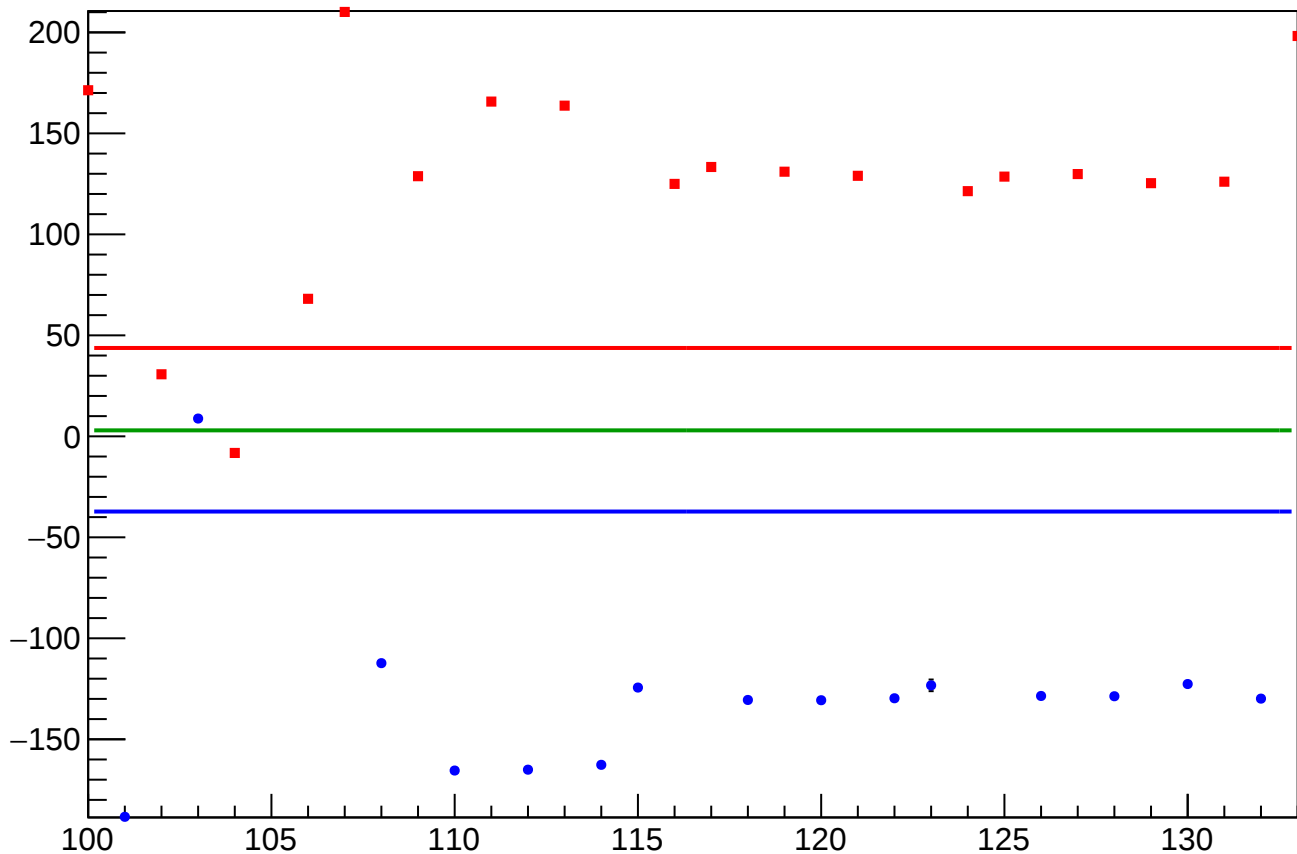
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.786+/-1.822 χ^2/NDF : 592.0/14

1.179+/-1.251 χ^2/NDF : 2812.5/32

-46.601+/-1.720 χ^2/NDF : 583.3/17

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.237 $\pm$ 0.075 χ^2 /NDF: 870362.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.751 $\pm$ 0.076 χ^2 /NDF: 743140.1/17

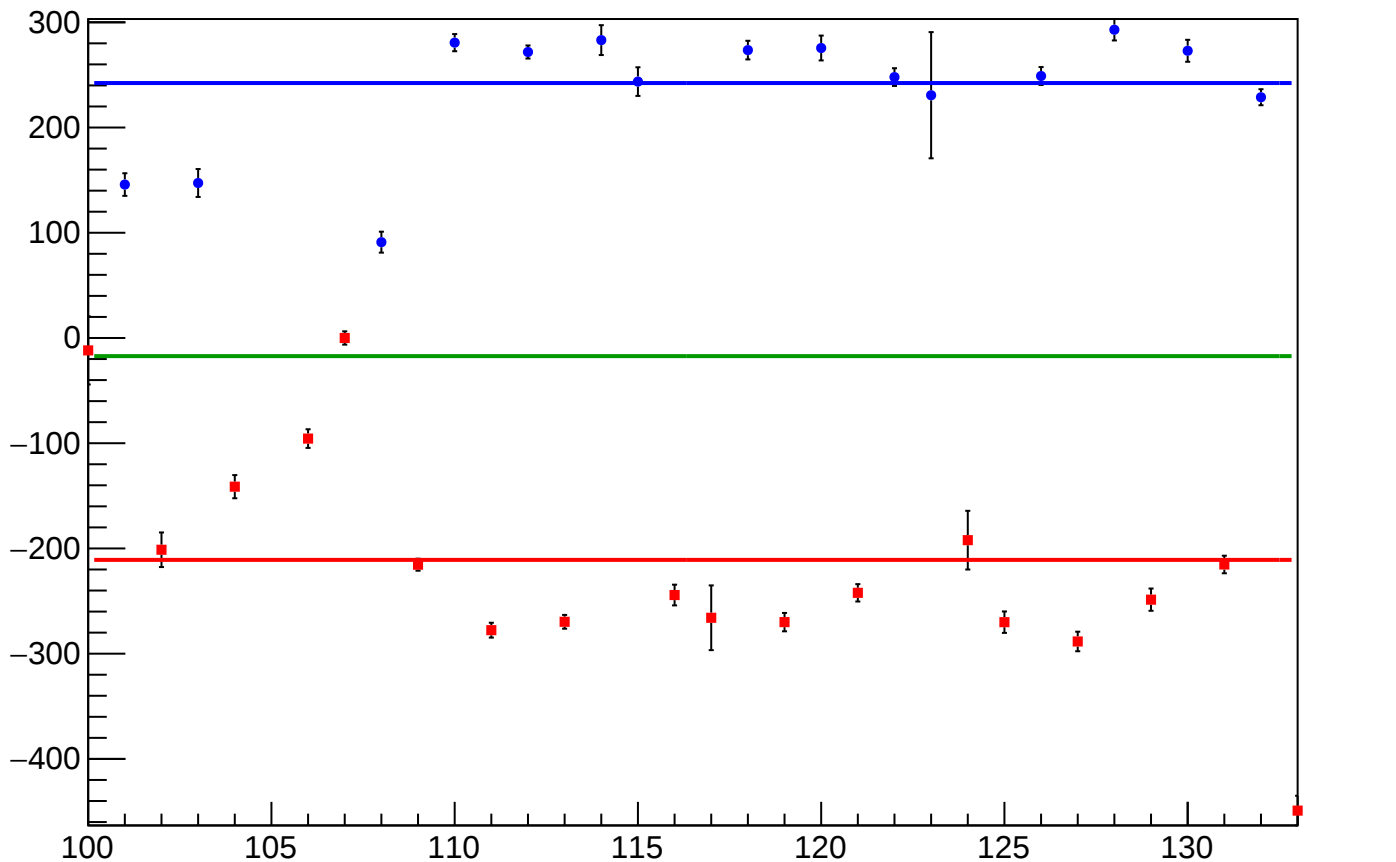
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-37.237 $\pm$ 0.075 χ^2 /NDF: 870362.5/14

2.957 $\pm$ 0.054 χ^2 /NDF: 2185105.6/32

43.751 $\pm$ 0.076 χ^2 /NDF: 743140.1/17

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 242.270 ± 2.499 χ^2/NDF : 473.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -210.863 ± 2.159 χ^2/NDF : 2005.0/17

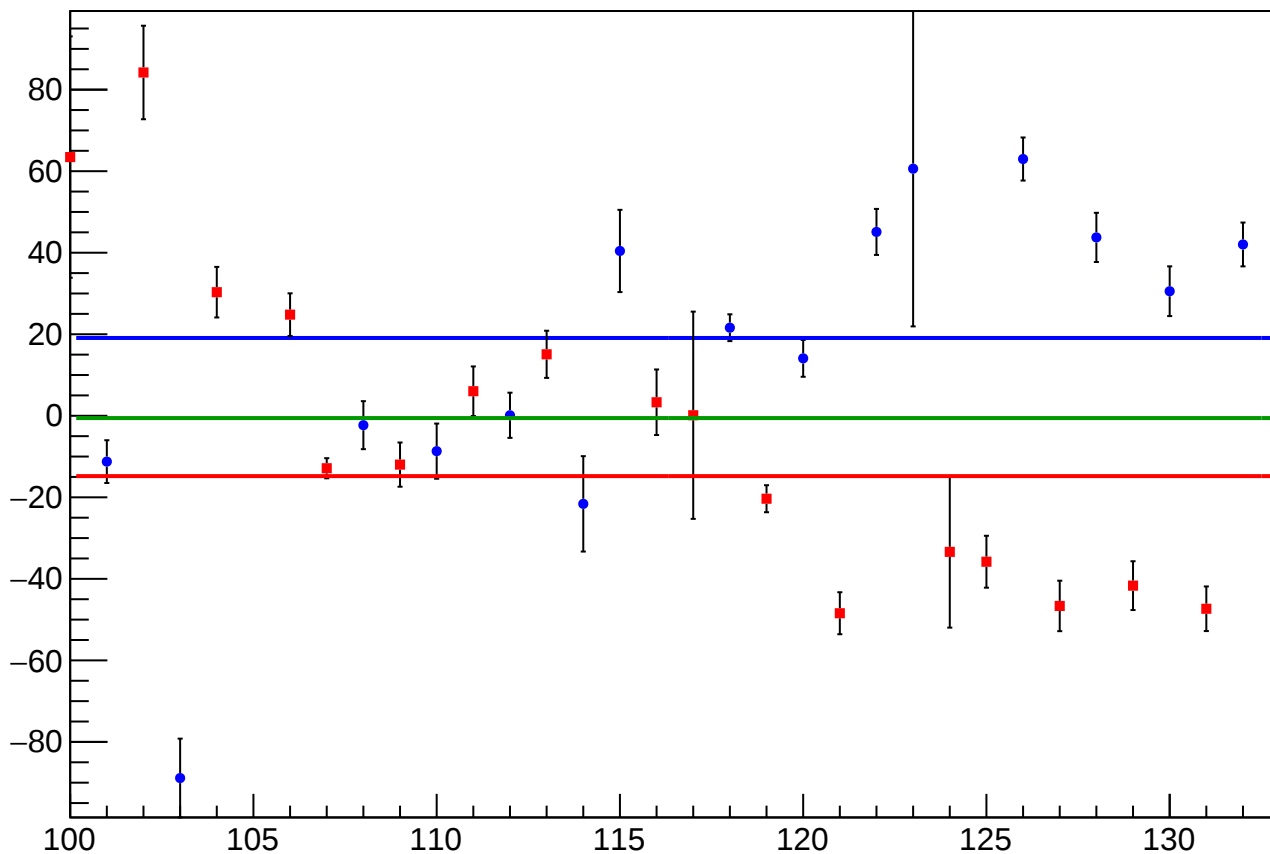
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

242.270 ± 2.499 χ^2/NDF : 473.8/14

-17.242 ± 1.634 χ^2/NDF : 21307.9/32

-210.863 ± 2.159 χ^2/NDF : 2005.0/17

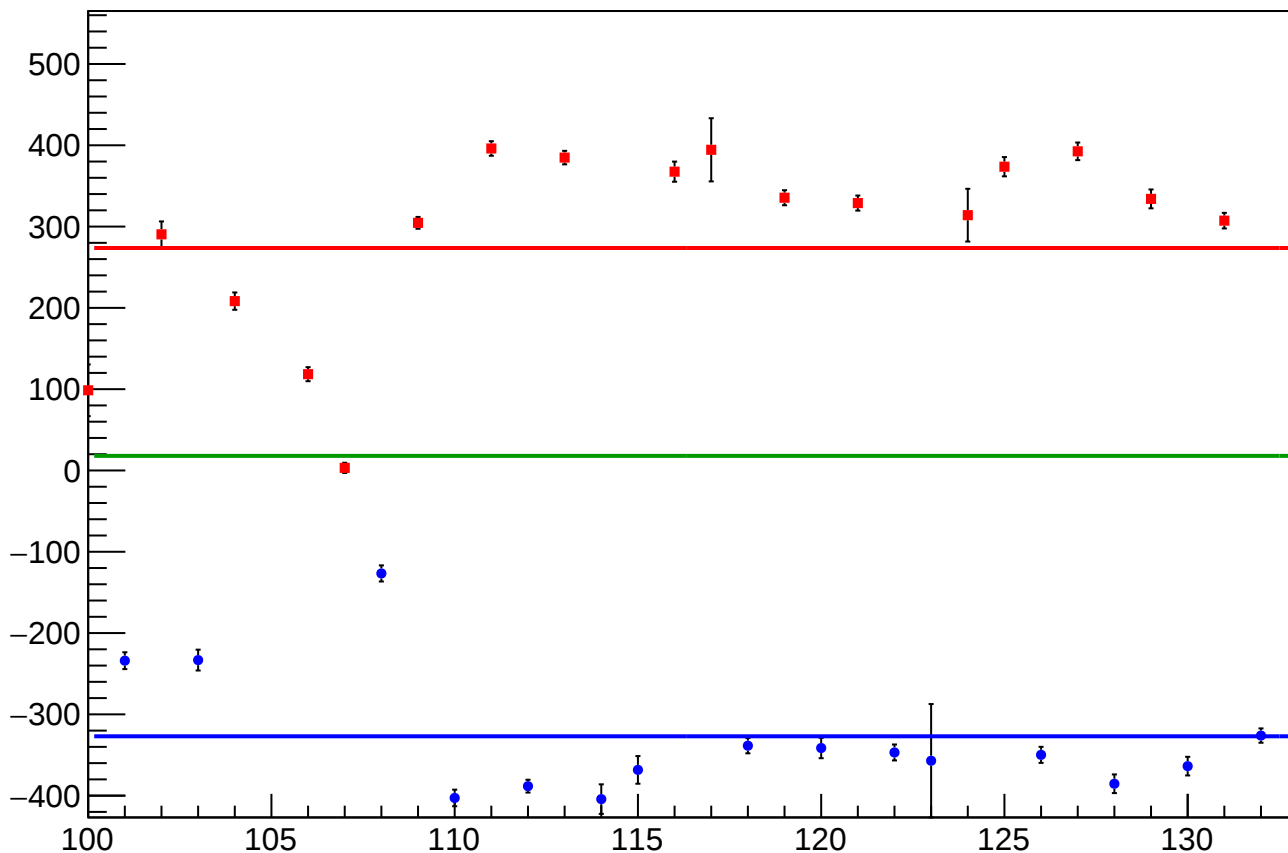
reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -14.800+/-1.275 χ^2 /NDF: 390.1/17
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.089+/-1.498 χ^2 /NDF: 348.1/14
 -0.557+/-0.971 χ^2 /NDF: 1035.0/32
 -14.800+/-1.275 χ^2 /NDF: 390.1/17

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: 273.675+/-2.442 χ^2 /NDF: 3319.2/17

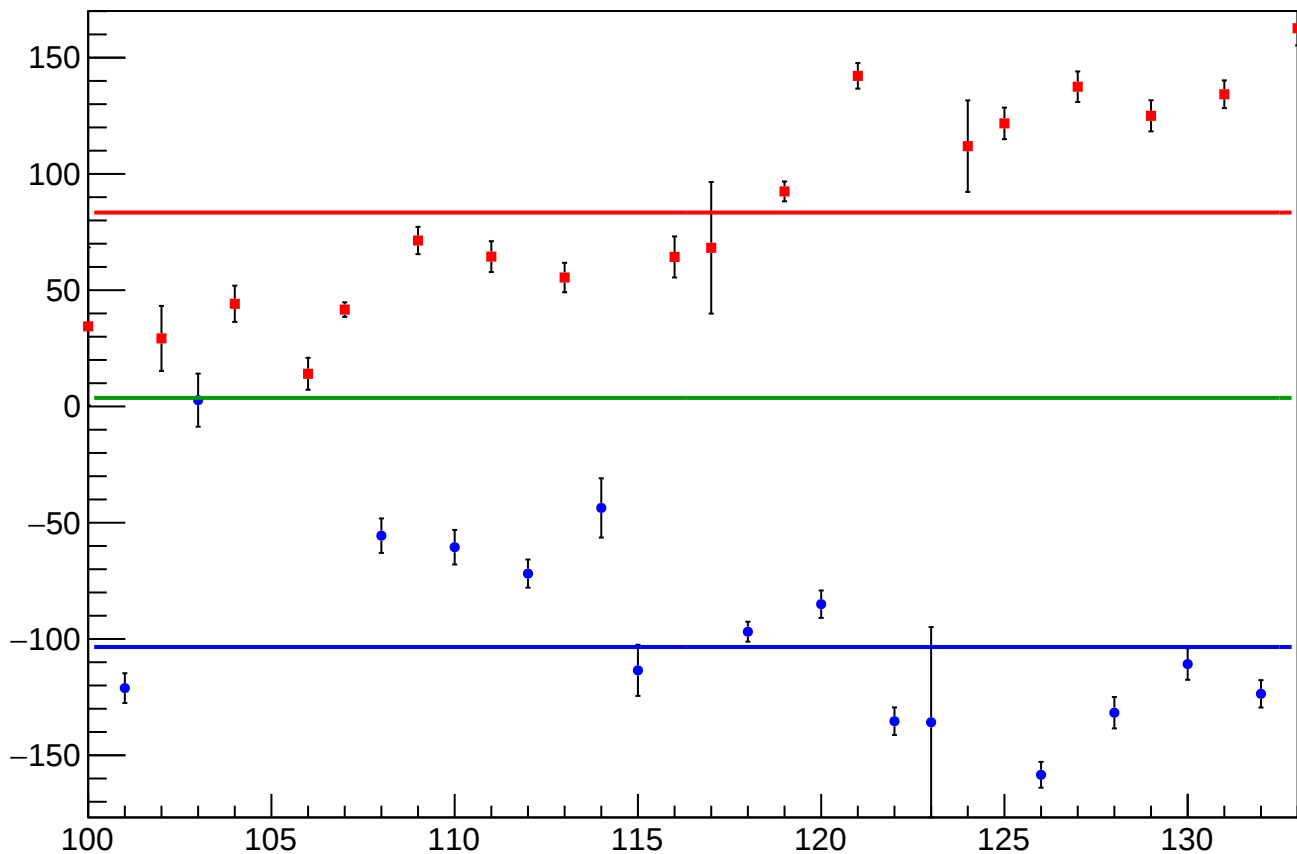
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-326.994+/-2.836 χ^2 /NDF: 729.8/14

17.965+/-1.851 χ^2 /NDF: 29803.6/32

273.675+/-2.442 χ^2 /NDF: 3319.2/17

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: 83.392+/-1.508 χ^2/NDF : 804.7/17

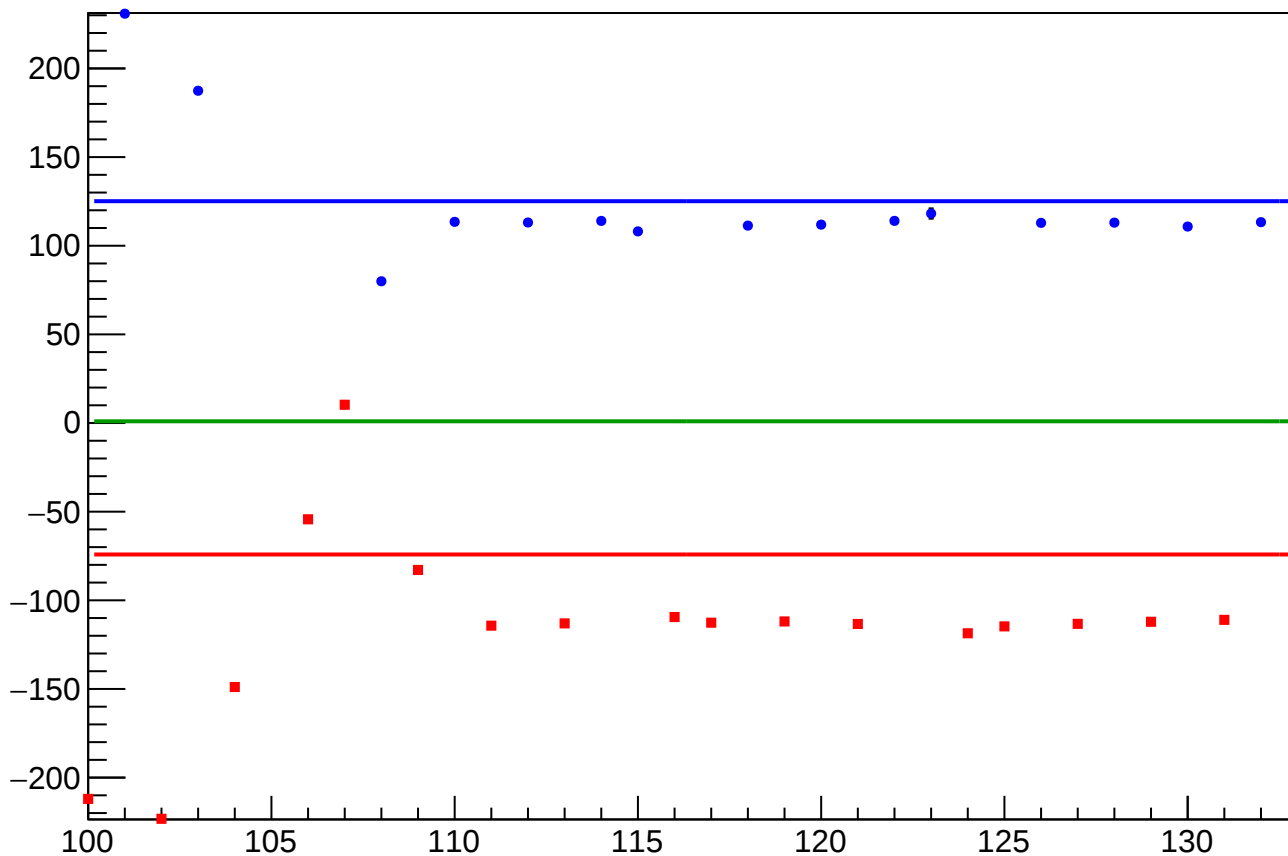
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-103.450+/-1.748 χ^2/NDF : 388.9/14

3.688+/-1.142 χ^2/NDF : 7743.7/32

83.392+/-1.508 χ^2/NDF : 804.7/17

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: -74.153 $\pm$ 0.082 χ^2 /NDF: 701122.0/17

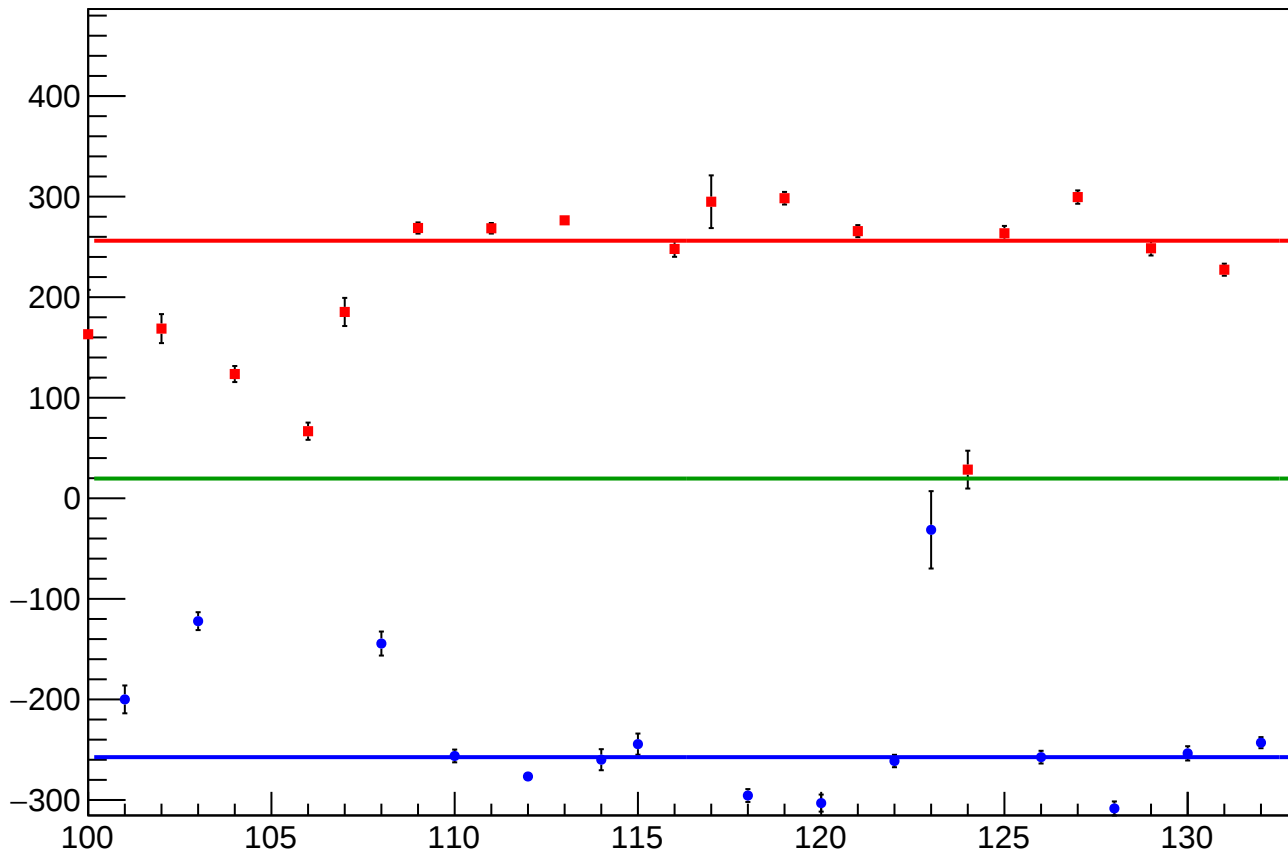
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

125.132 $\pm$ 0.106 χ^2 /NDF: 175583.1/14

0.971 $\pm$ 0.065 χ^2 /NDF: 3079532.1/32

-74.153 $\pm$ 0.082 χ^2 /NDF: 701122.0/17

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: 256.148+/-1.751 χ^2/NDF : 1789.7/17

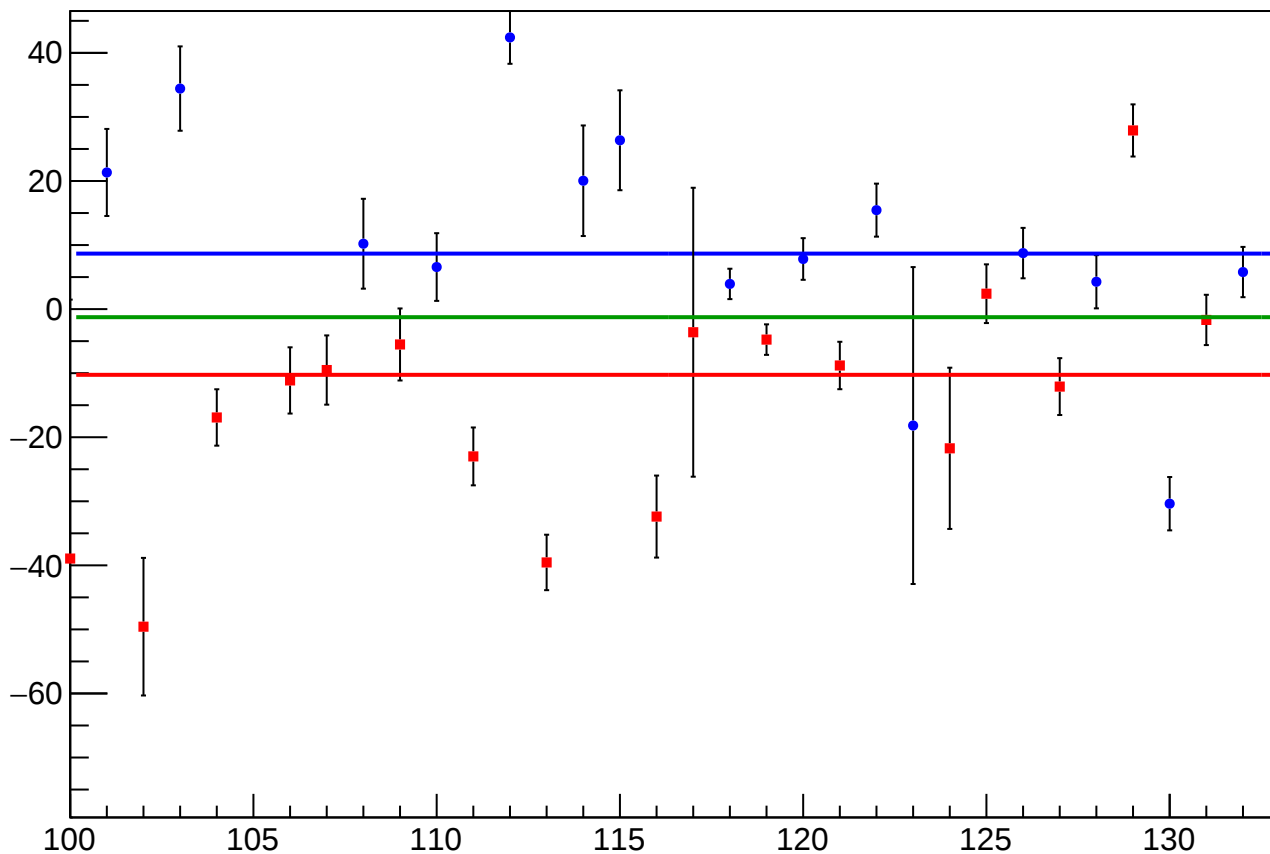
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-257.400+/-1.895 χ^2/NDF : 517.3/14

19.646+/-1.286 χ^2/NDF : 41916.3/32

256.148+/-1.751 χ^2/NDF : 1789.7/17

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.665 ± 1.142 χ^2/NDF : 190.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.258 ± 1.087 χ^2/NDF : 205.7/17

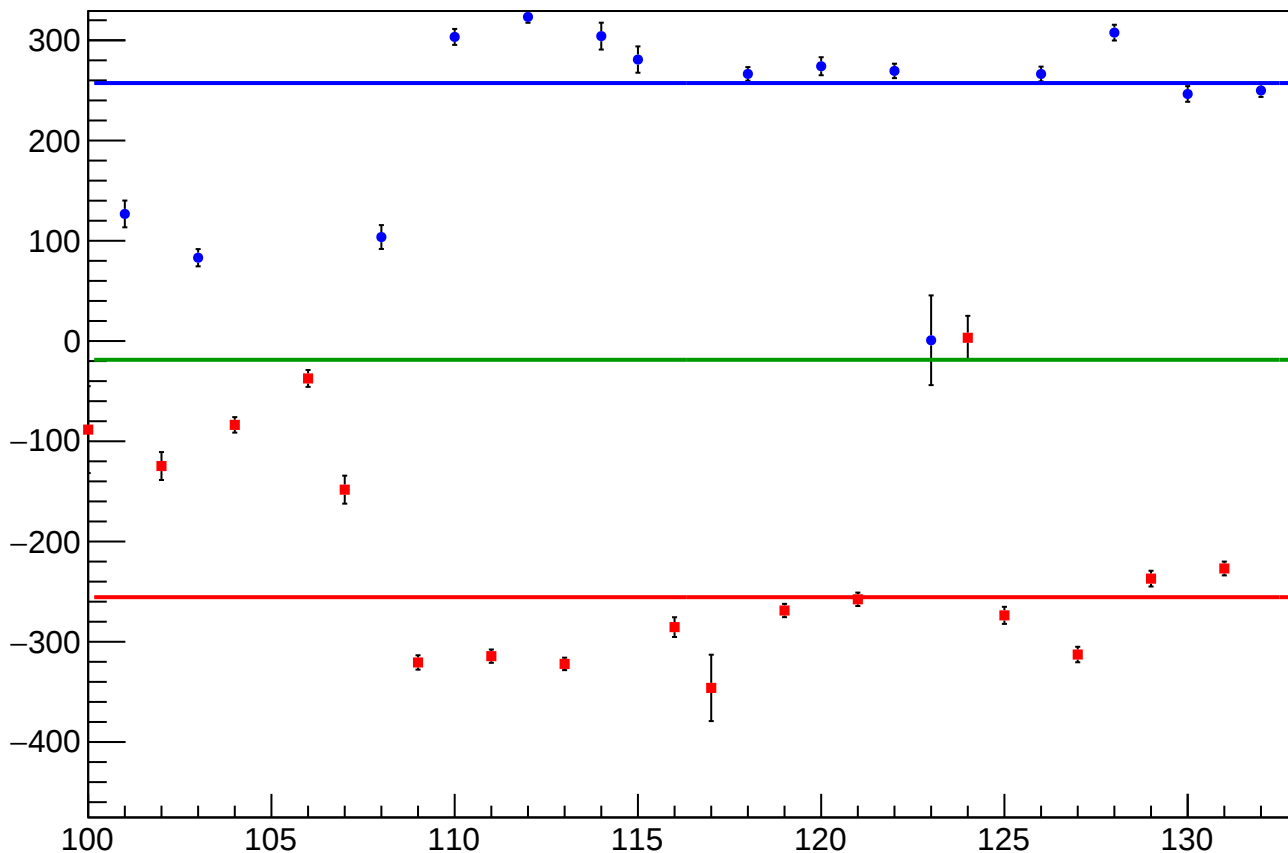
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

8.665 ± 1.142 χ^2/NDF : 190.5/14

-1.259 ± 0.787 χ^2/NDF : 540.2/32

-10.258 ± 1.087 χ^2/NDF : 205.7/17

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: -255.515+/-2.012 χ^2/NDF : 2358.9/17

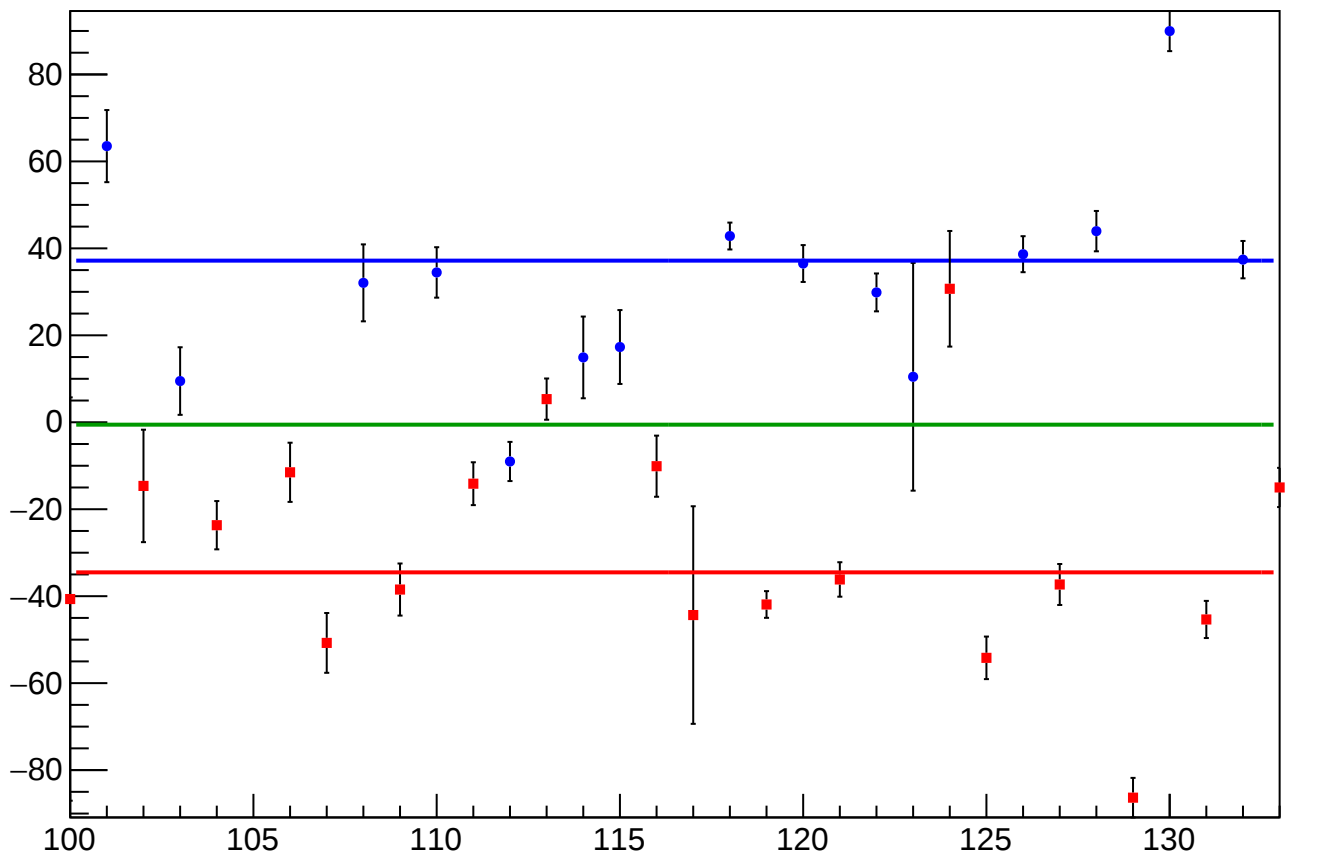
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

257.341+/-2.173 χ^2/NDF : 935.0/14

-18.717+/-1.476 χ^2/NDF : 33289.5/32

-255.515+/-2.012 χ^2/NDF : 2358.9/17

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.177 ± 1.326 $\chi^2/\text{NDF}: 280.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -34.521 ± 1.258 $\chi^2/\text{NDF}: 325.0/17$

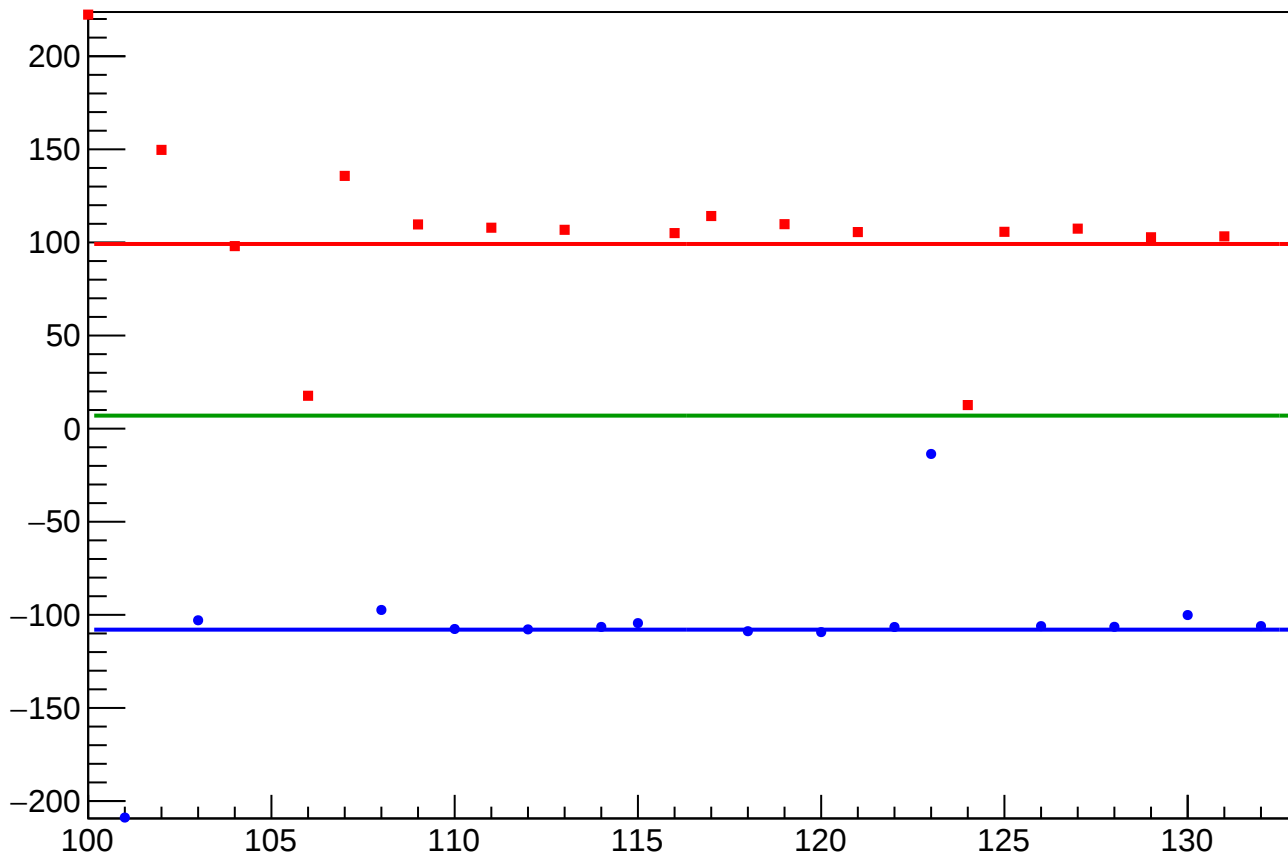
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

37.177 ± 1.326 $\chi^2/\text{NDF}: 280.1/14$

-0.552 ± 0.913 $\chi^2/\text{NDF}: 2142.8/32$

-34.521 ± 1.258 $\chi^2/\text{NDF}: 325.0/17$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -107.949 ± 0.085 $\chi^2/\text{NDF}: 49678.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 99.171 ± 0.076 $\chi^2/\text{NDF}: 231804.9/17$

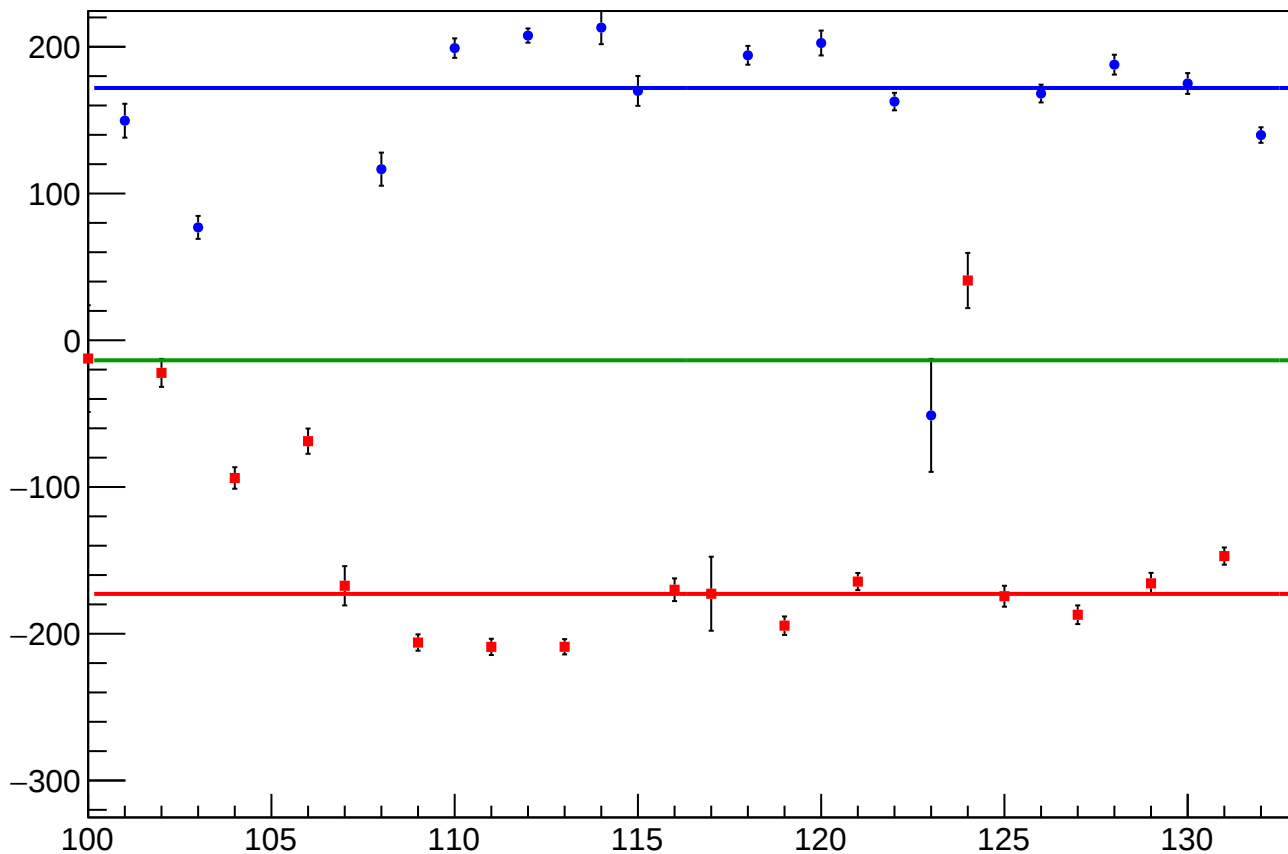
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-107.949 ± 0.085 $\chi^2/\text{NDF}: 49678.2/14$

6.992 ± 0.057 $\chi^2/\text{NDF}: 3587684.5/32$

99.171 ± 0.076 $\chi^2/\text{NDF}: 231804.9/17$

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: -172.843 ± 1.732 χ^2/NDF : 1108.5/17

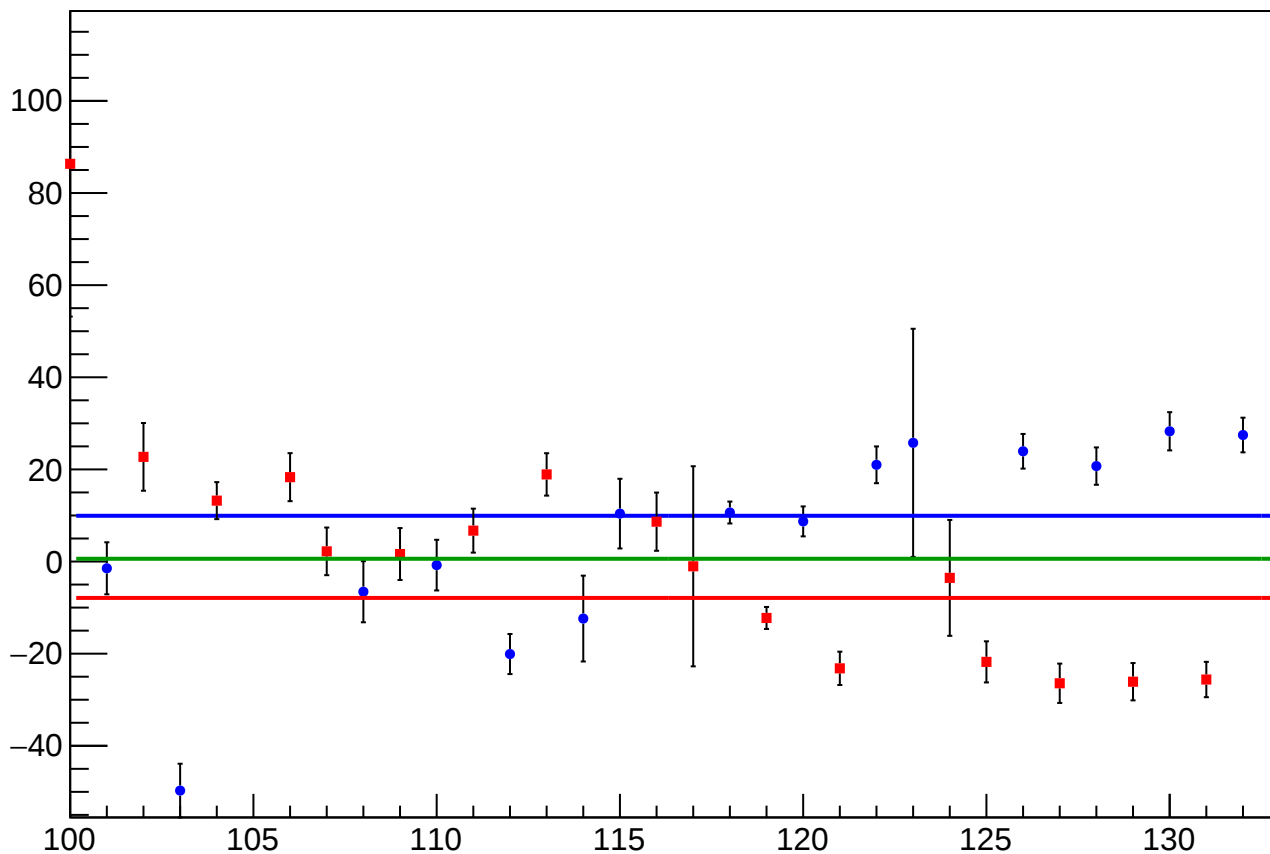
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

171.933 ± 1.870 χ^2/NDF : 363.0/14

-13.657 ± 1.271 χ^2/NDF : 19771.2/32

-172.843 ± 1.732 χ^2/NDF : 1108.5/17

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: -7.897 ± 1.070 χ^2/NDF : 226.6/17

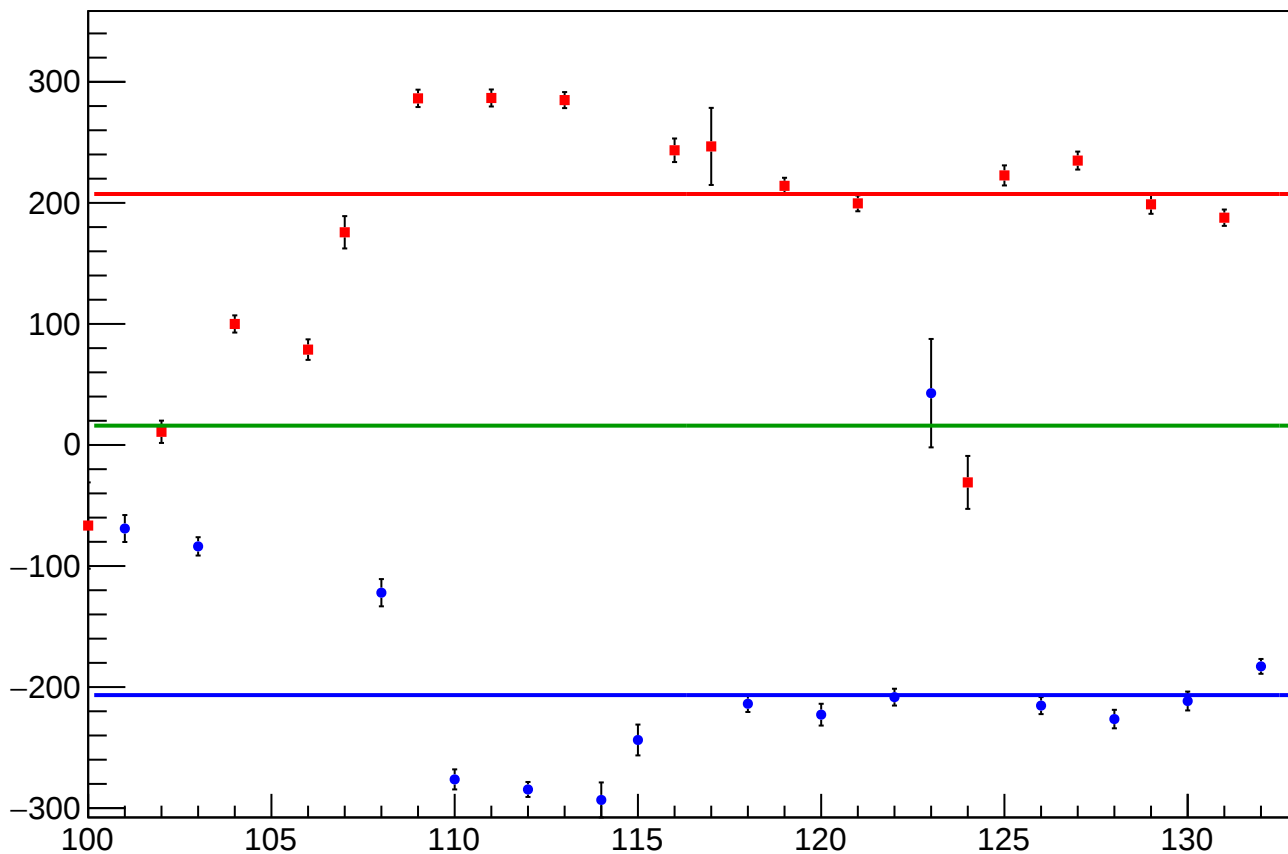
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.934 ± 1.122 χ^2/NDF : 242.7/14

0.602 ± 0.774 χ^2/NDF : 601.5/32

-7.897 ± 1.070 χ^2/NDF : 226.6/17

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: 207.350+/-1.974 χ^2 /NDF: 1763.8/17

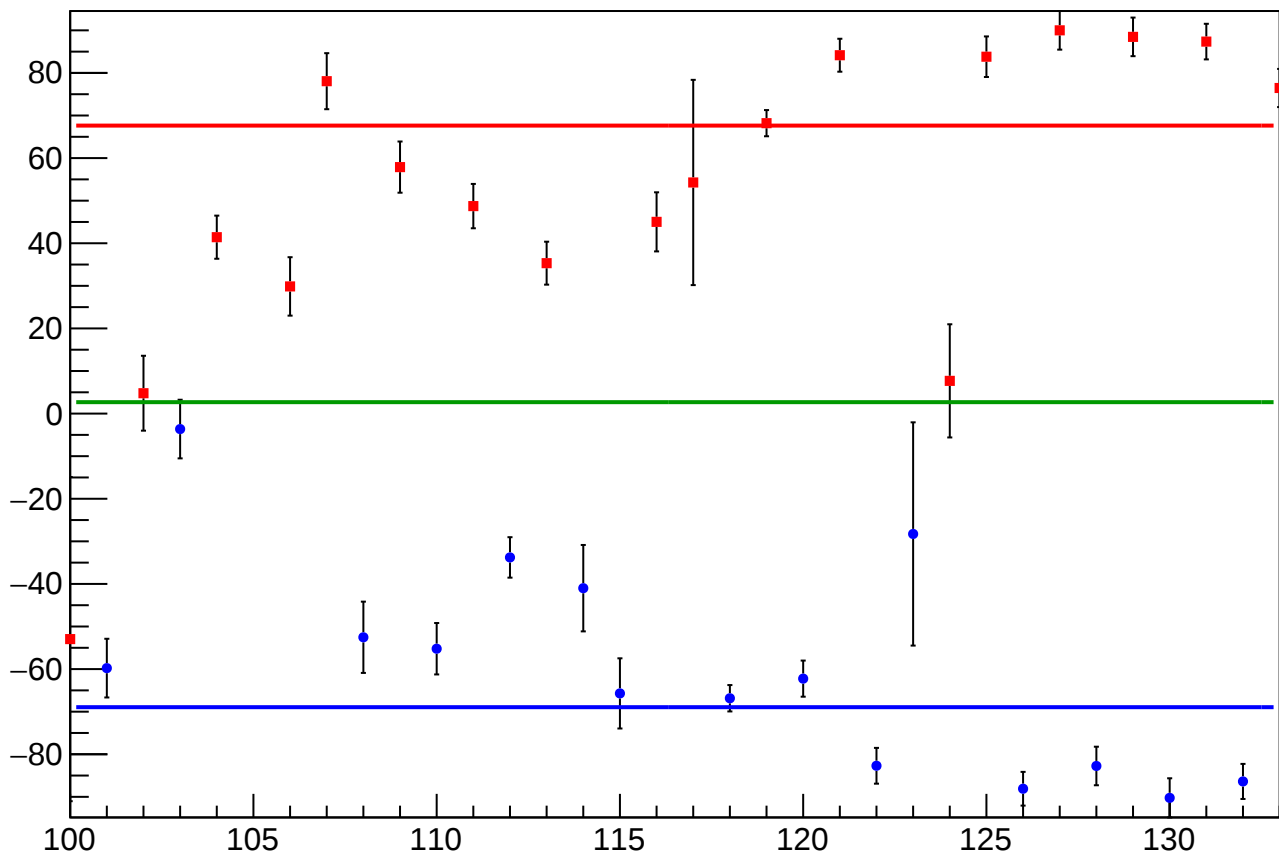
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-206.634+/-2.129 χ^2 /NDF: 805.3/14

15.980+/-1.448 χ^2 /NDF: 22898.8/32

207.350+/-1.974 χ^2 /NDF: 1763.8/17

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.945 $\pm$ 1.303 χ^2 /NDF: 251.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.631 $\pm$ 1.240 χ^2 /NDF: 310.2/17

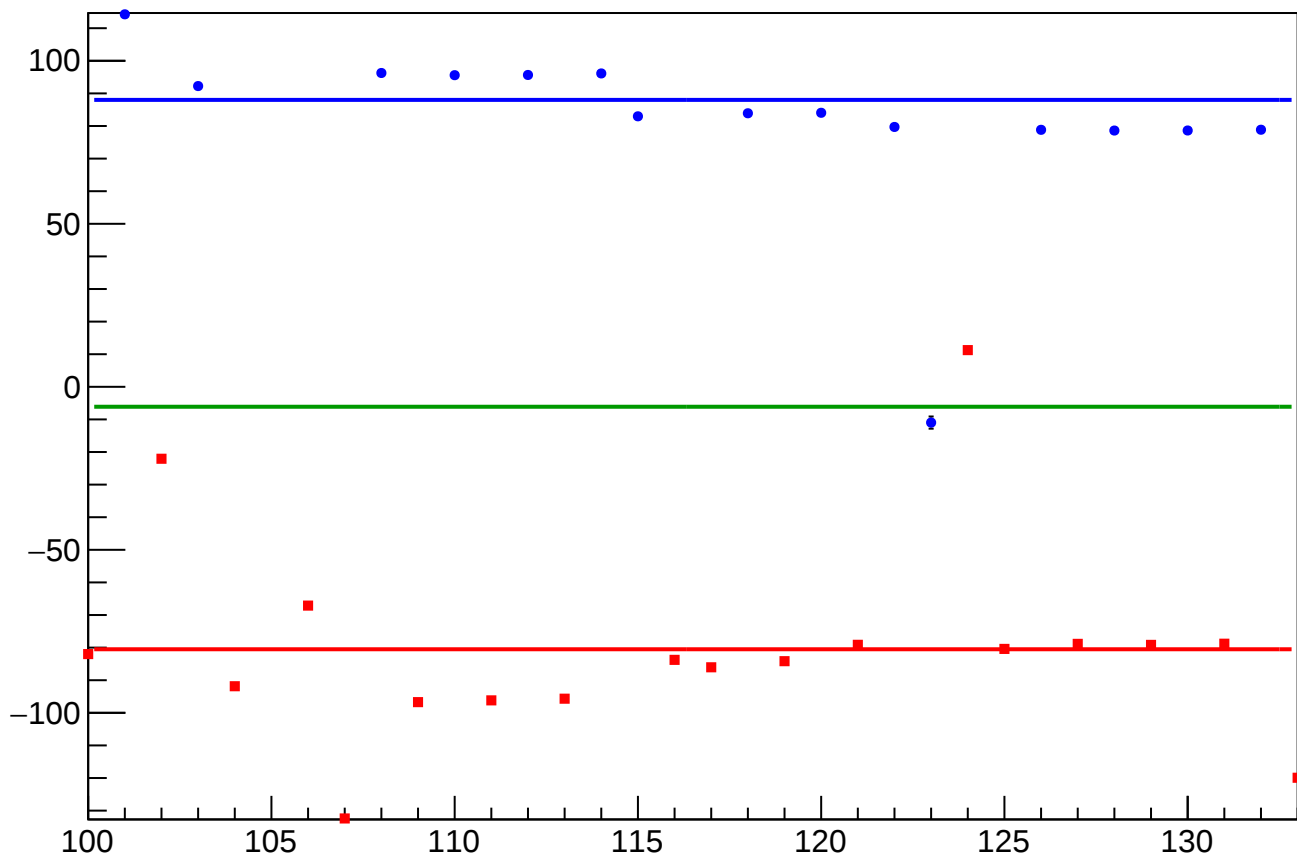
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.945 $\pm$ 1.303 χ^2 /NDF: 251.4/14

2.684 $\pm$ 0.898 χ^2 /NDF: 6326.6/32

67.631 $\pm$ 1.240 χ^2 /NDF: 310.2/17

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 88.010 $\pm$ 0.081 χ^2 /NDF: 14641.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -80.504 $\pm$ 0.072 χ^2 /NDF: 142048.2/17

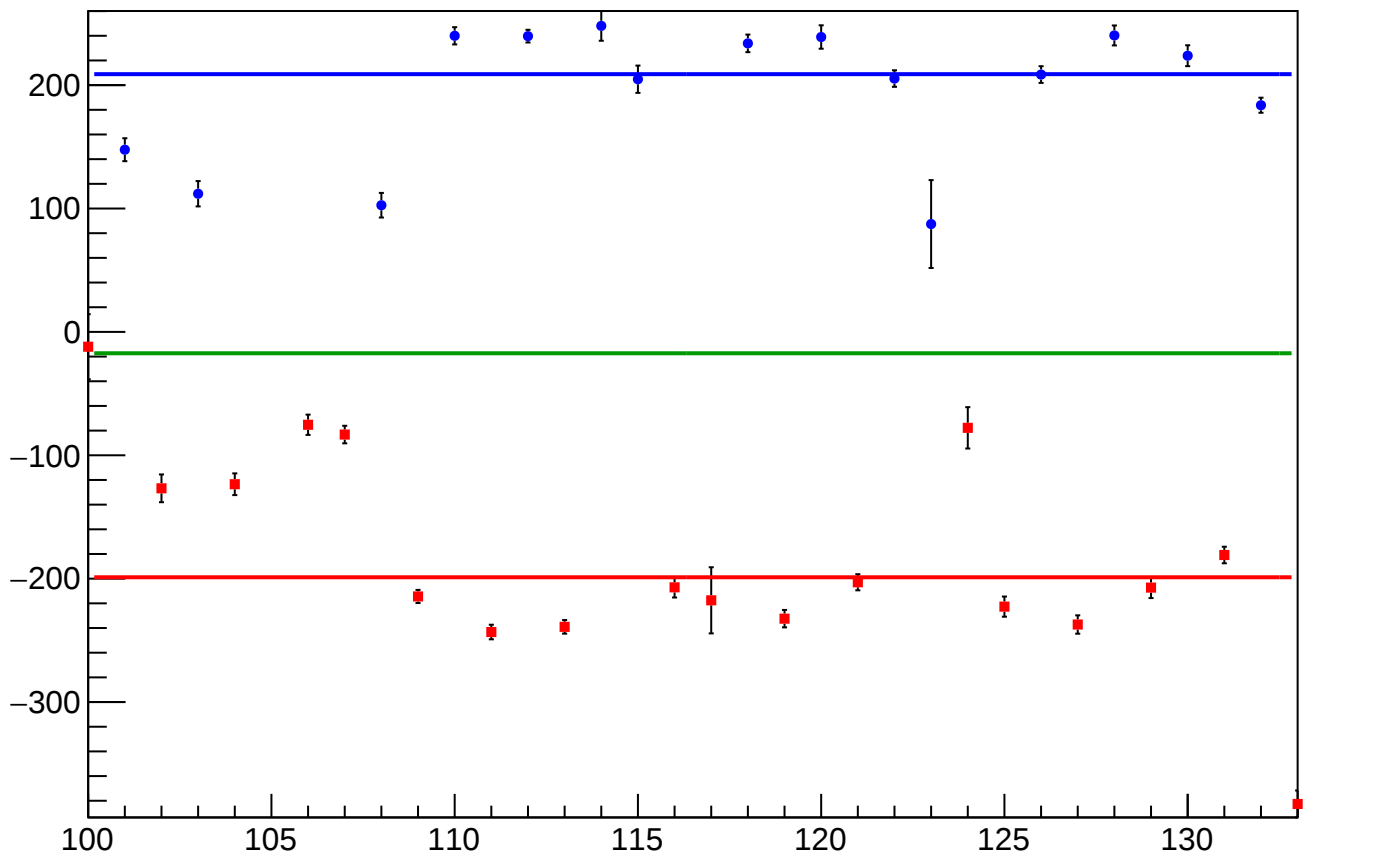
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

88.010 $\pm$ 0.081 χ^2 /NDF: 14641.5/14

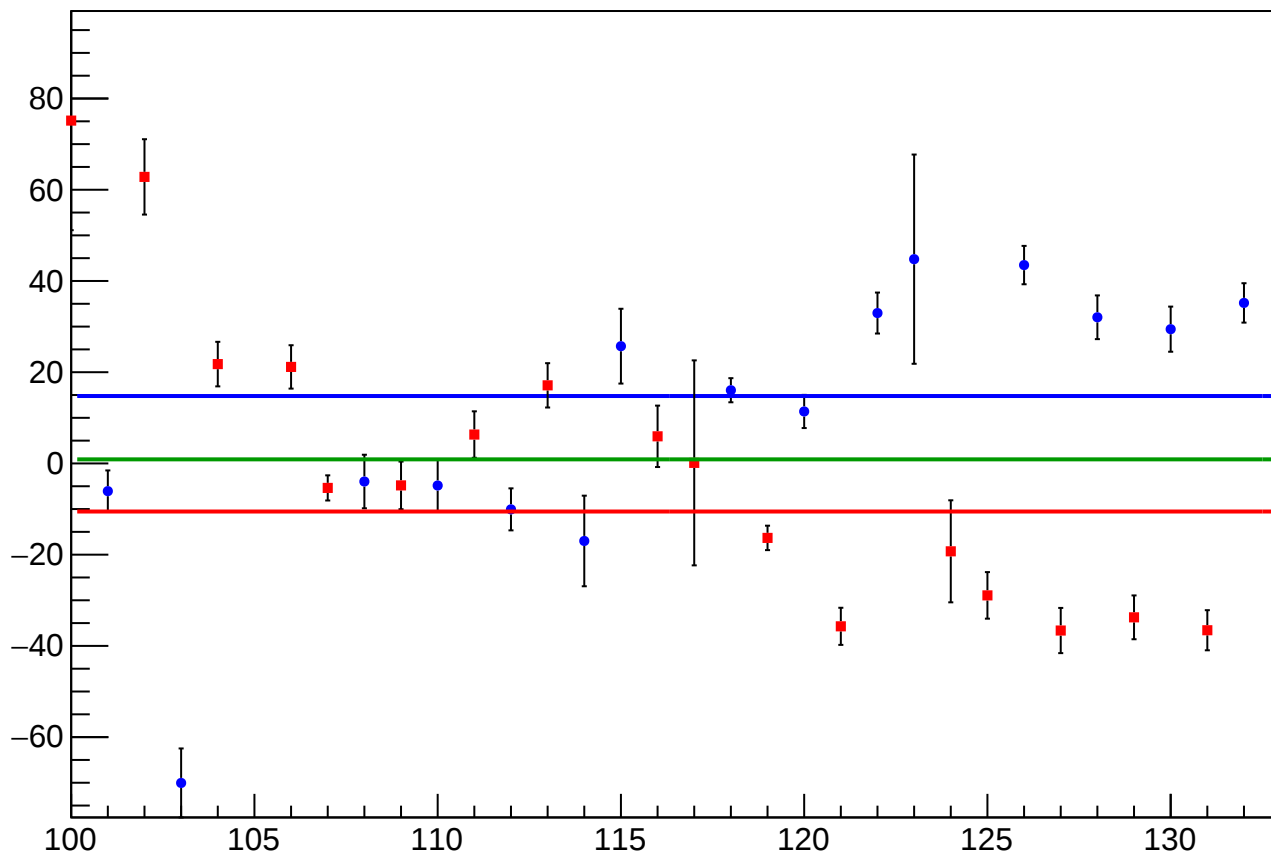
-6.115 $\pm$ 0.054 χ^2 /NDF: 2556539.4/32

-80.504 $\pm$ 0.072 χ^2 /NDF: 142048.2/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



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: -10.540+/-1.116 χ^2 /NDF: 383.6/17

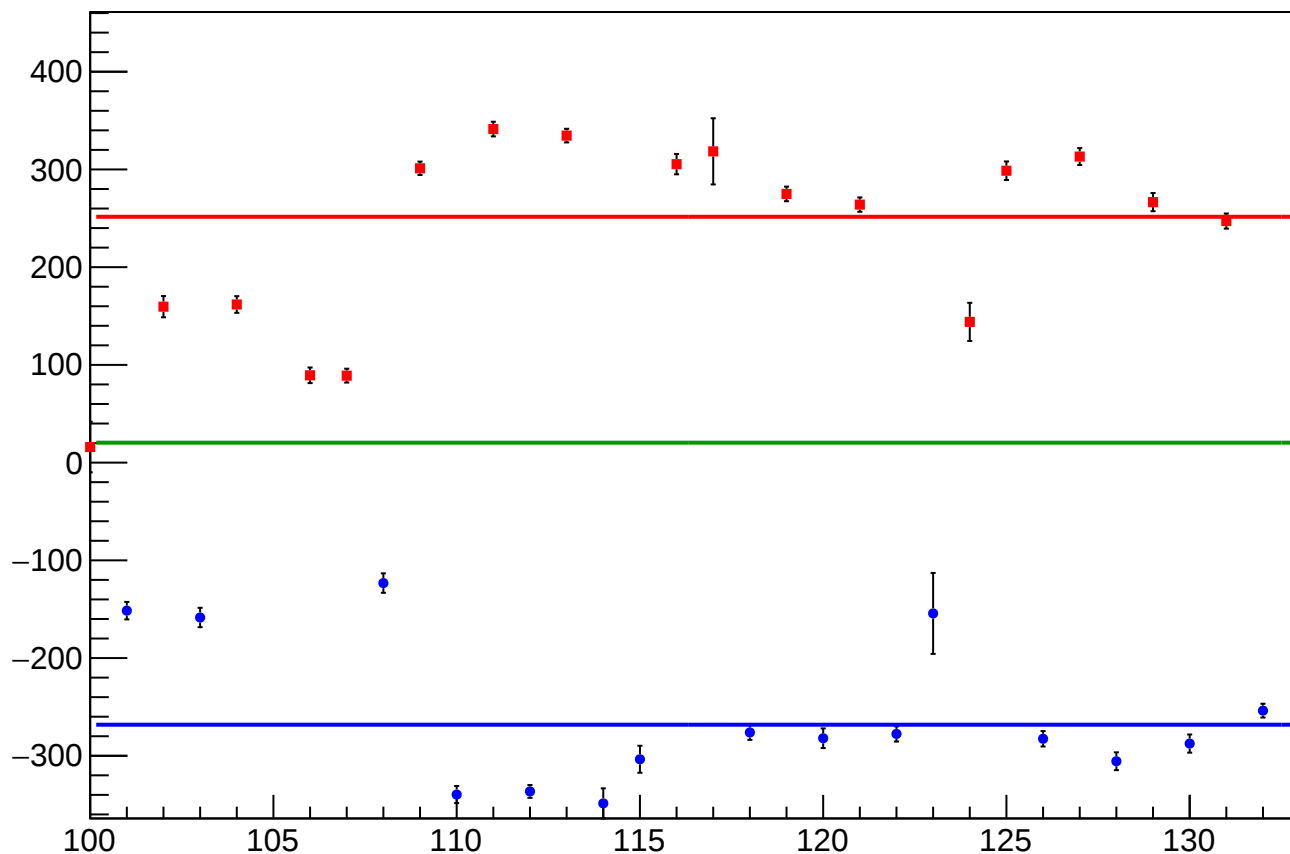
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.779+/-1.229 χ^2 /NDF: 319.6/14

0.895+/-0.826 χ^2 /NDF: 935.8/32

-10.540+/-1.116 χ^2 /NDF: 383.6/17

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: 251.574+/-2.094 χ^2 /NDF: 1973.4/17

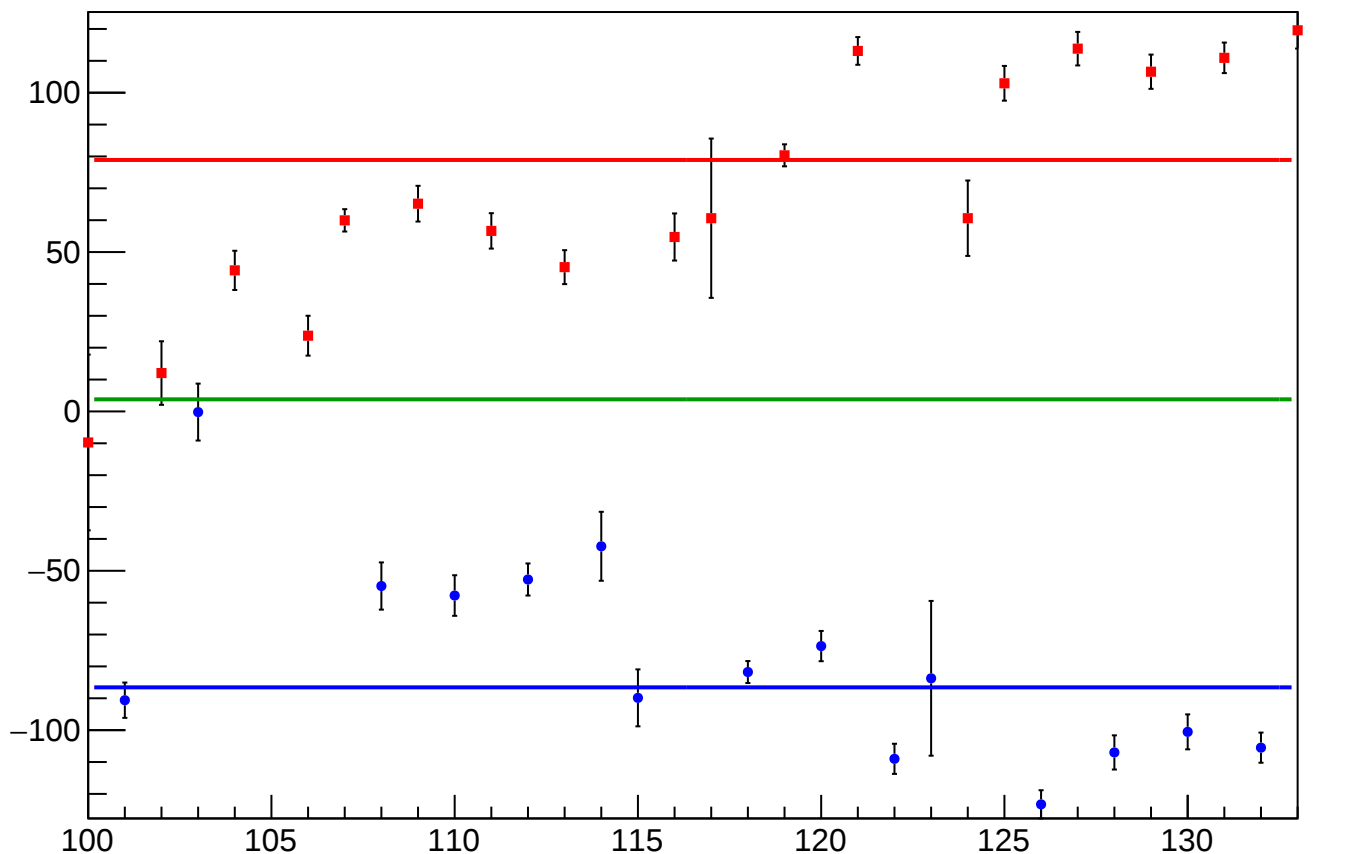
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-268.187+/-2.340 χ^2 /NDF: 753.7/14

20.422+/-1.561 χ^2 /NDF: 30120.2/32

251.574+/-2.094 χ^2 /NDF: 1973.4/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.572 $\pm$ 1.432 χ^2 /NDF: 332.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.899 $\pm$ 1.306 χ^2 /NDF: 516.9/17

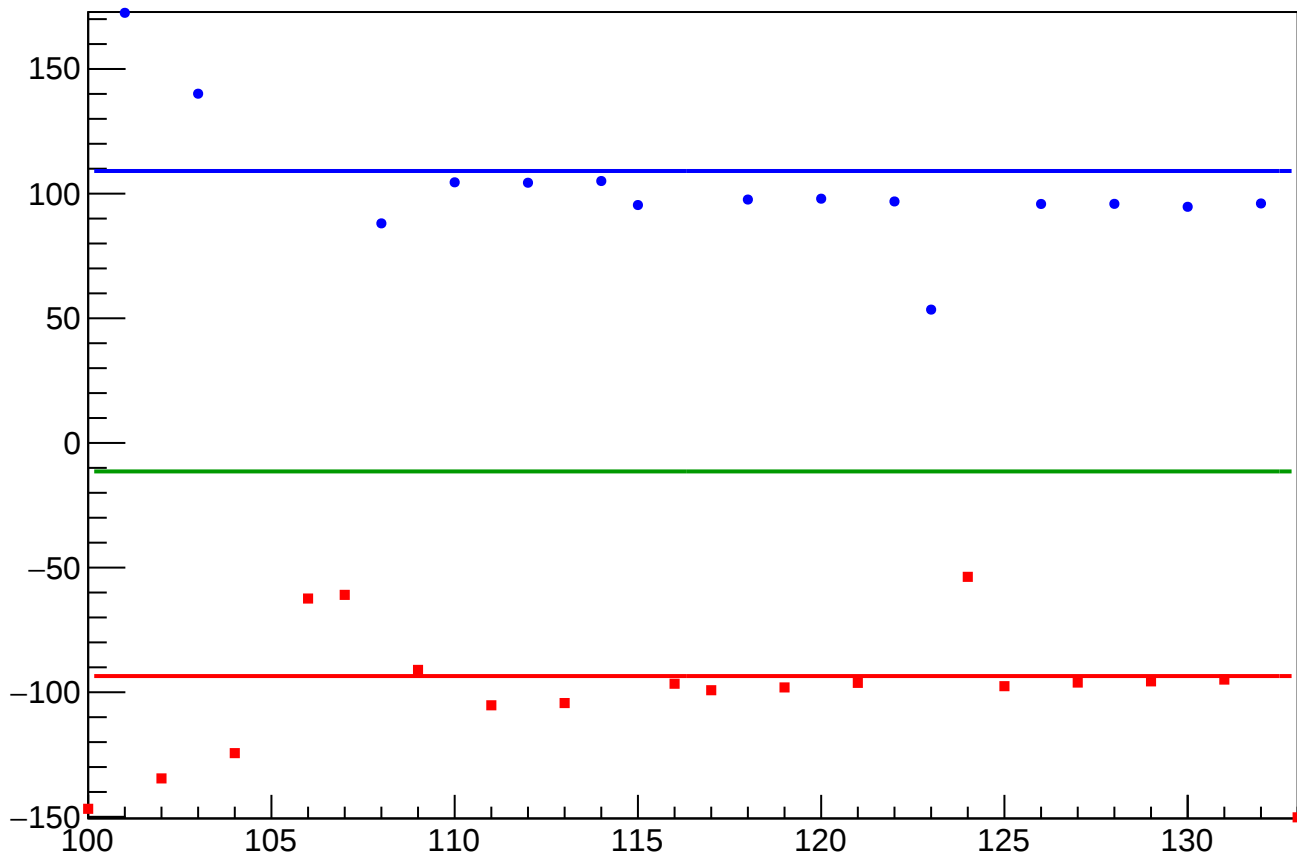
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-86.572 $\pm$ 1.432 χ^2 /NDF: 332.7/14

3.792 $\pm$ 0.965 χ^2 /NDF: 8138.0/32

78.899 $\pm$ 1.306 χ^2 /NDF: 516.9/17

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: -93.507+/-0.074 χ^2/NDF : 132525.0/17

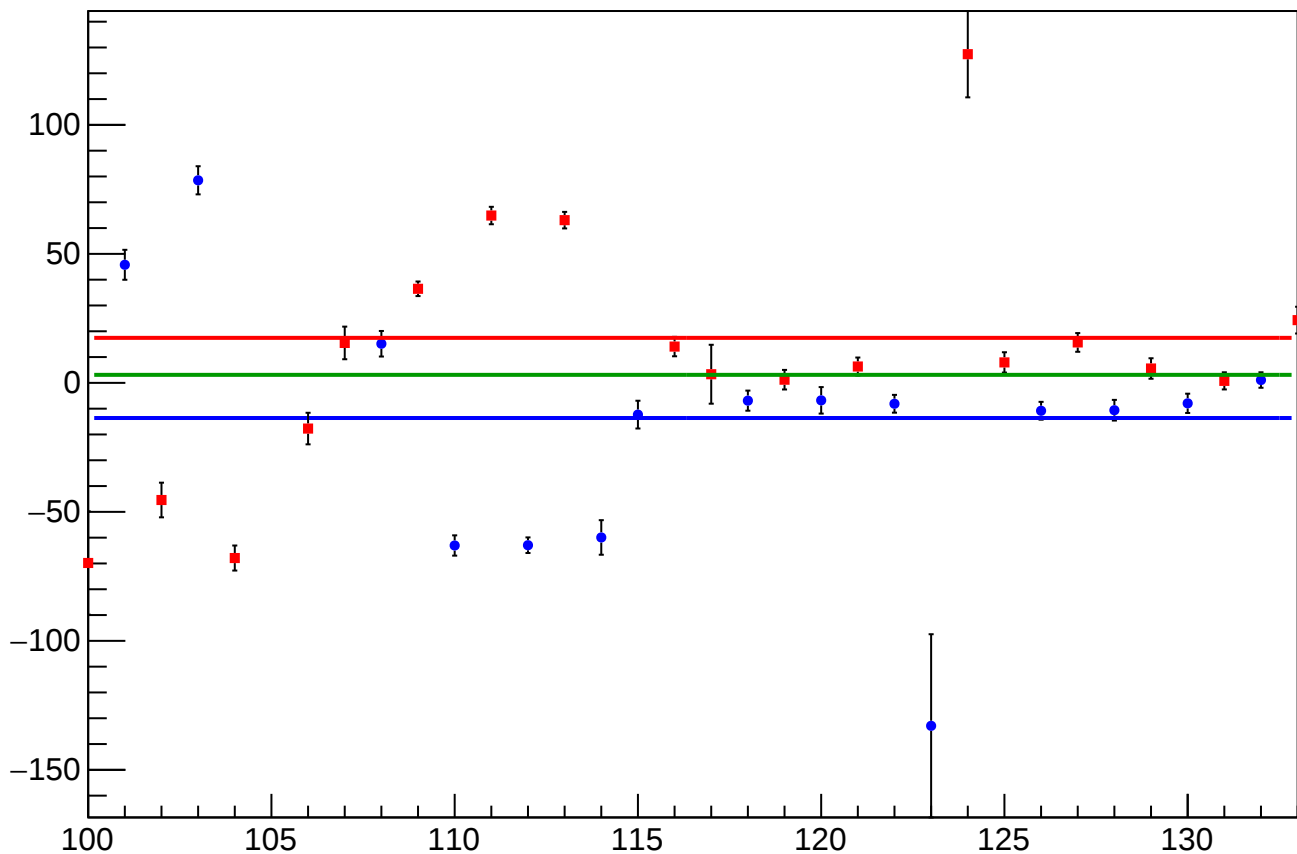
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.087+/-0.089 χ^2/NDF : 77516.3/14

-11.423+/-0.057 χ^2/NDF : 3271770.5/32

-93.507+/-0.074 χ^2/NDF : 132525.0/17

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.621+/-1.083 χ^2/NDF : 941.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.450+/-1.003 χ^2/NDF : 1009.7/17

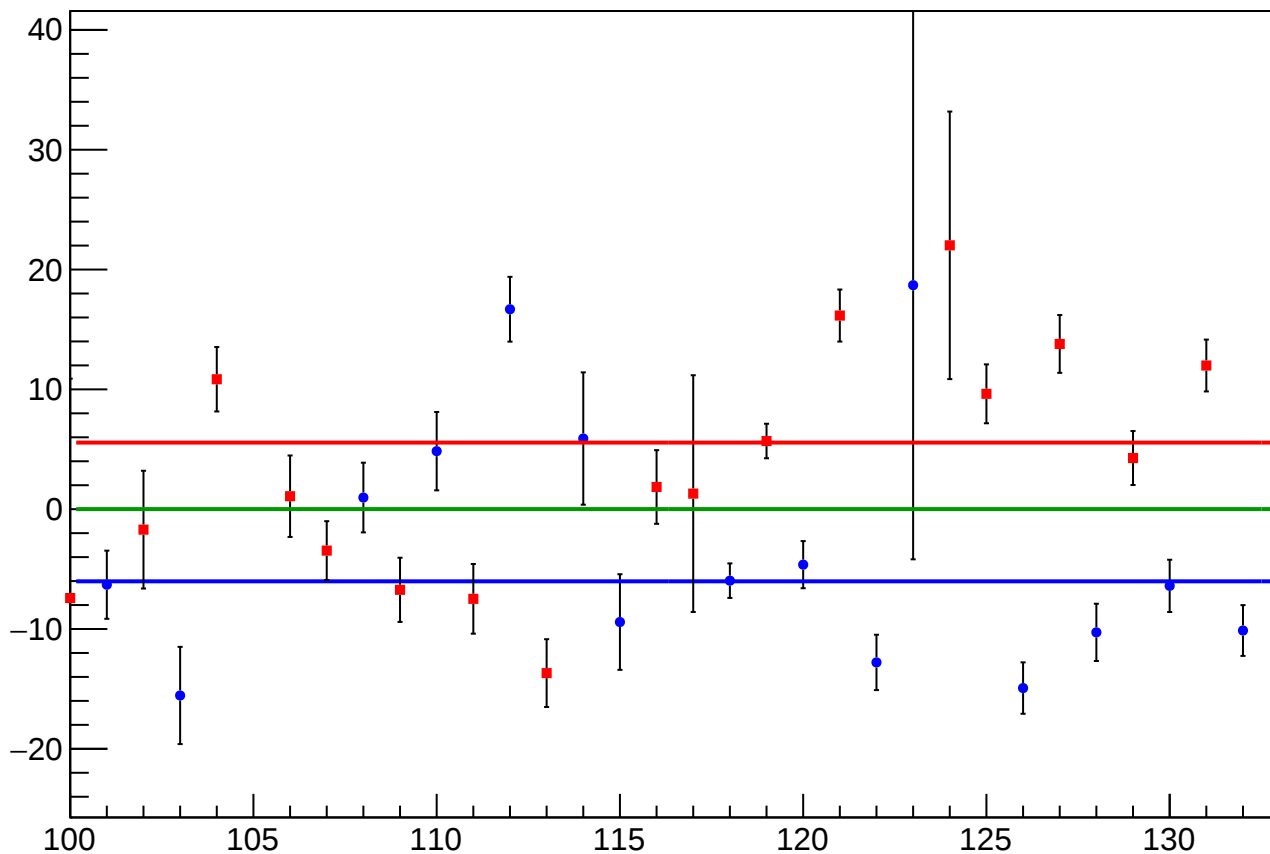
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.621+/-1.083 χ^2/NDF : 941.6/14

3.109+/-0.736 χ^2/NDF : 2394.5/32

17.450+/-1.003 χ^2/NDF : 1009.7/17

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.020 ± 0.648 $\chi^2/\text{NDF}: 132.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.559 ± 0.622 $\chi^2/\text{NDF}: 178.7/17$

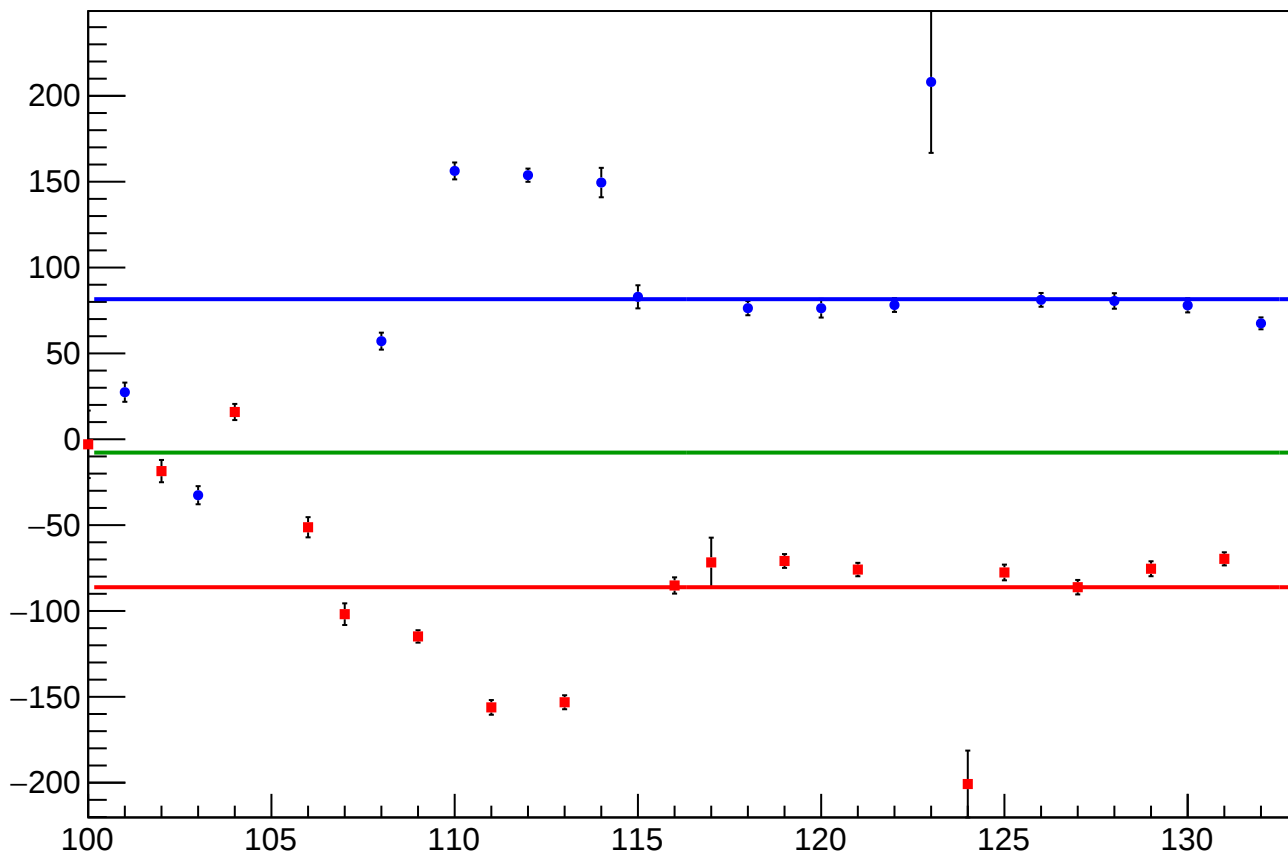
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-6.020 ± 0.648 $\chi^2/\text{NDF}: 132.7/14$

0.007 ± 0.448 $\chi^2/\text{NDF}: 477.8/32$

5.559 ± 0.622 $\chi^2/\text{NDF}: 178.7/17$

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: -86.165+/-1.152 χ^2 /NDF: 1334.9/17

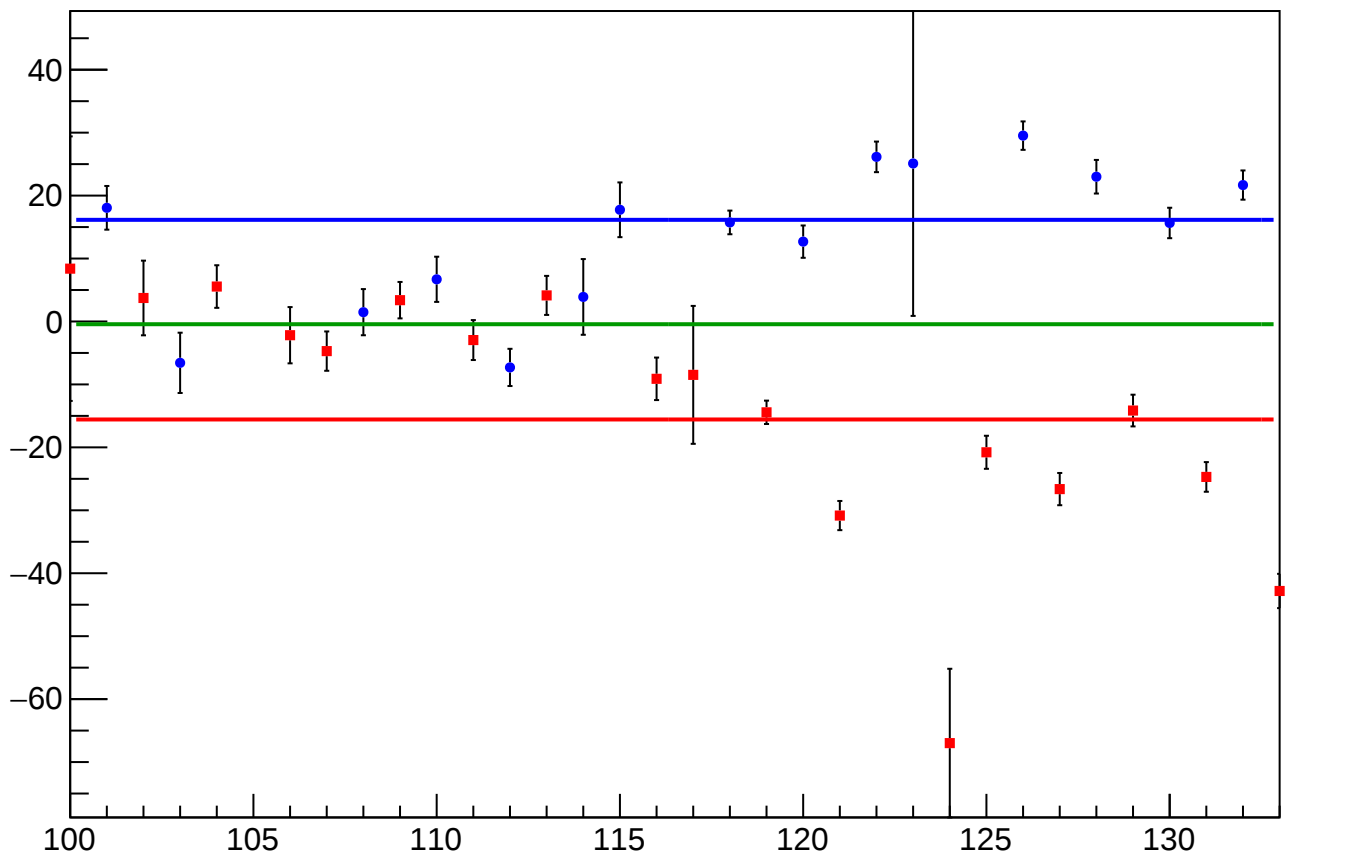
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

81.583+/-1.230 χ^2 /NDF: 1261.5/14

-7.758+/-0.841 χ^2 /NDF: 12507.3/32

-86.165+/-1.152 χ^2 /NDF: 1334.9/17

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: -15.570 $\pm$ 0.717 χ^2 /NDF: 375.9/17

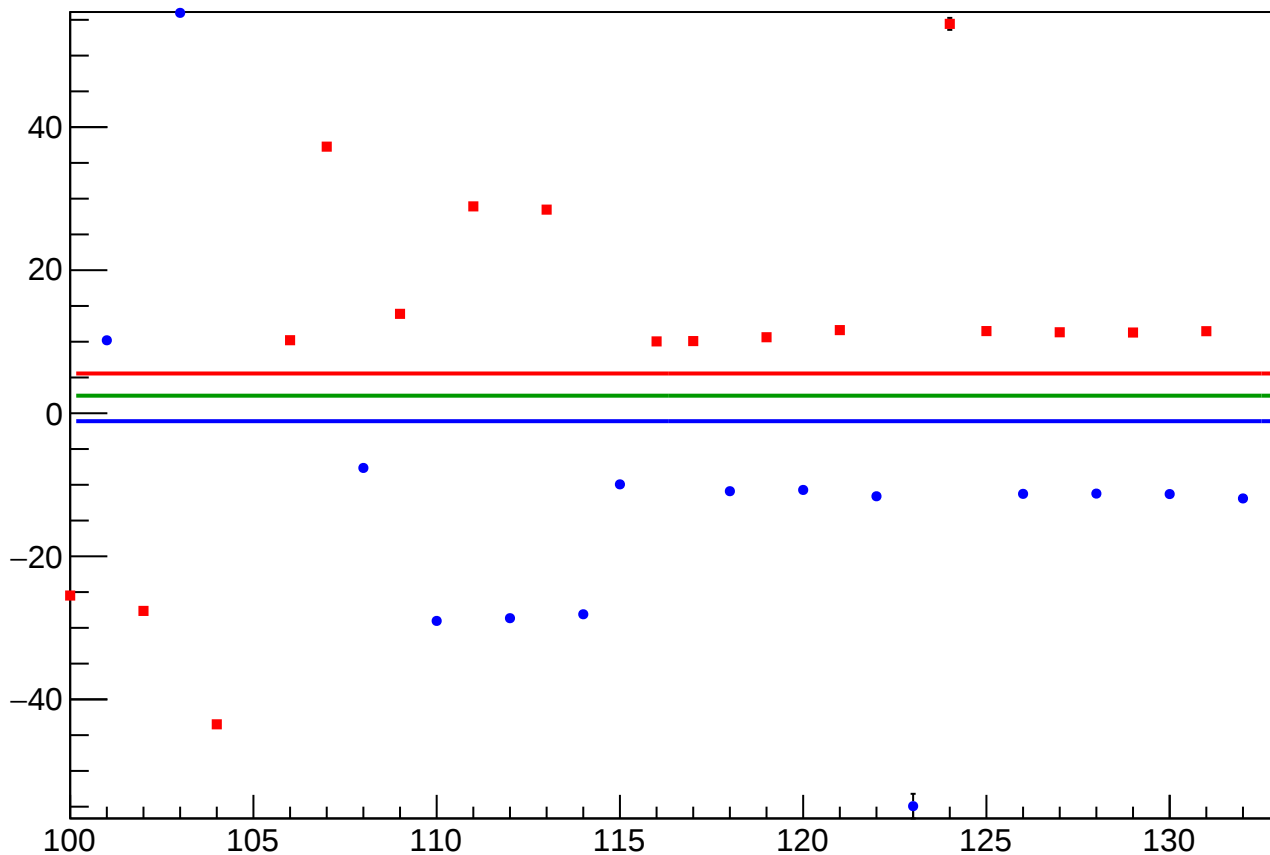
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.149 $\pm$ 0.751 χ^2 /NDF: 179.3/14

-0.436 $\pm$ 0.519 χ^2 /NDF: 1487.8/32

-15.570 $\pm$ 0.717 χ^2 /NDF: 375.9/17

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: 5.559±/0.044 χ^2/NDF : 317431.1/17

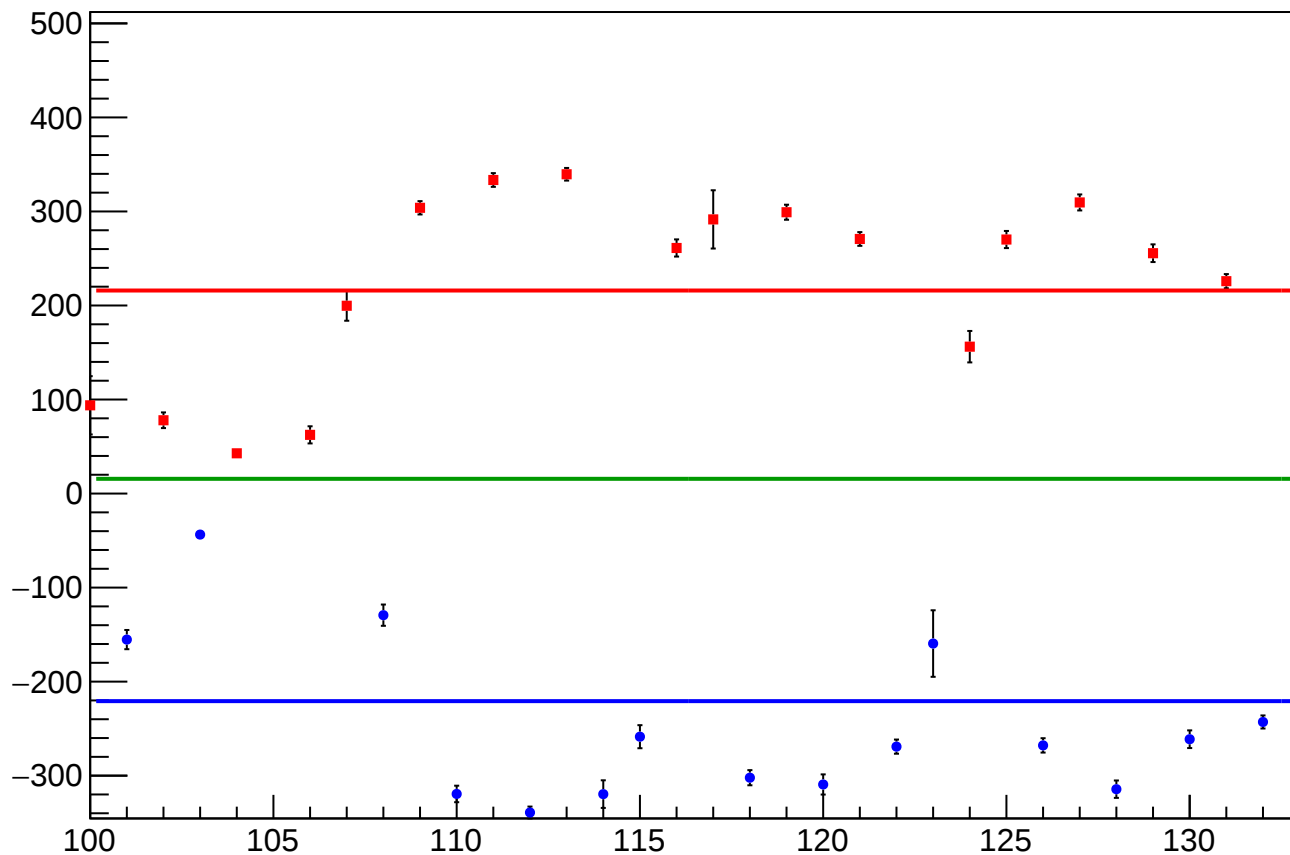
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-1.107±/0.047 χ^2/NDF : 305162.2/14

2.457±/0.032 χ^2/NDF : 633453.9/32

5.559±/0.044 χ^2/NDF : 317431.1/17

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: 215.927+/-1.951 χ^2/NDF : 4003.8/17

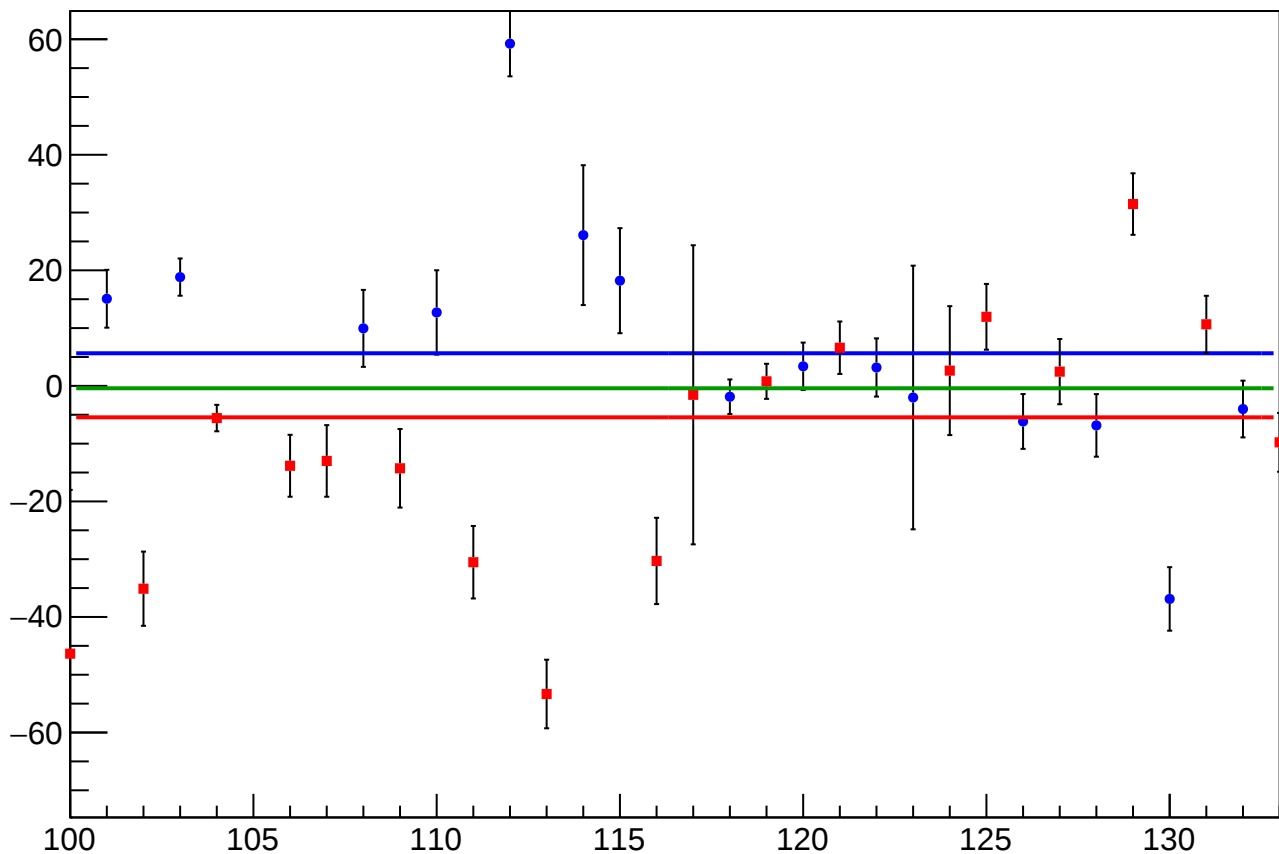
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-220.749+/-2.120 χ^2/NDF : 2665.0/14

15.674+/-1.436 χ^2/NDF : 29640.8/32

215.927+/-1.951 χ^2/NDF : 4003.8/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.642 $\pm$ 1.299 χ^2 /NDF: 198.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.446 $\pm$ 1.183 χ^2 /NDF: 203.7/17

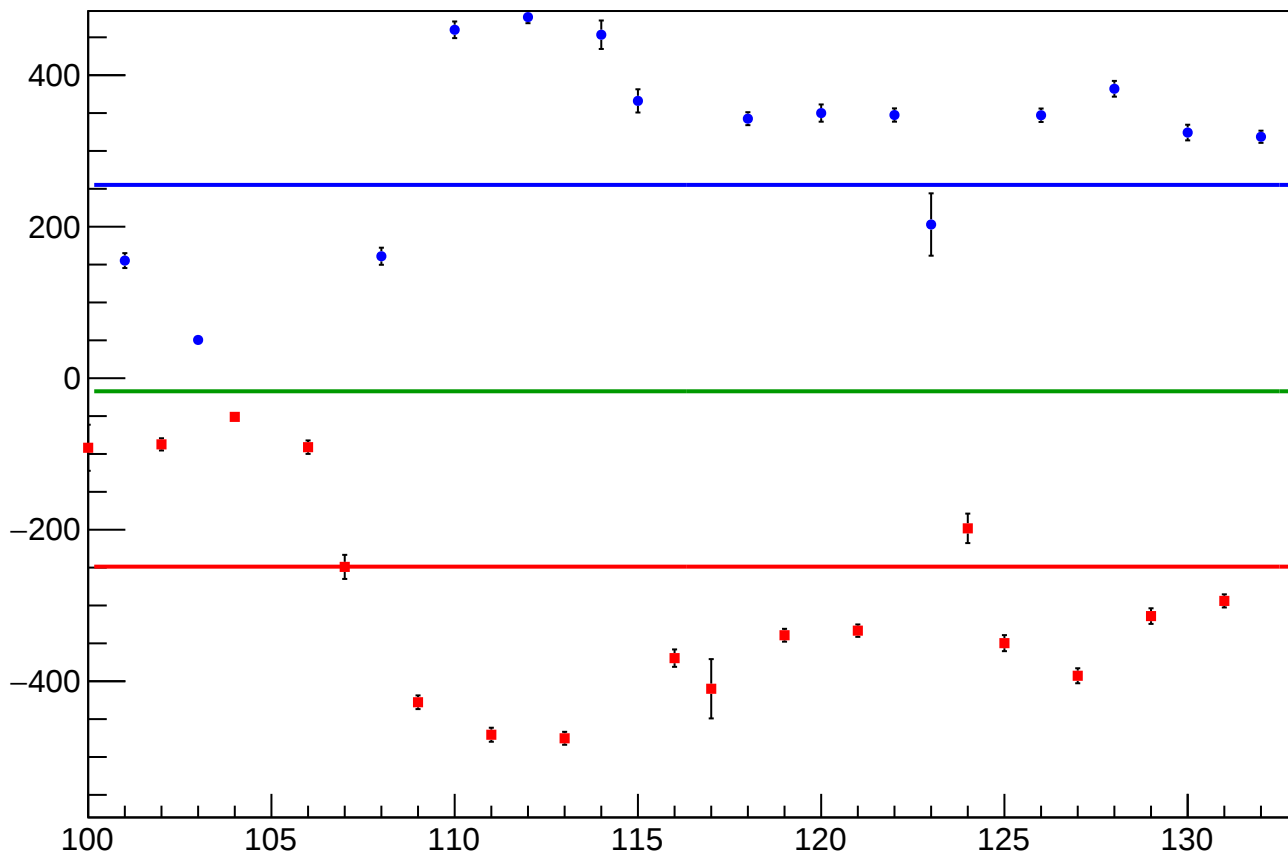
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.642 $\pm$ 1.299 χ^2 /NDF: 198.4/14

-0.417 $\pm$ 0.875 χ^2 /NDF: 442.0/32

-5.446 $\pm$ 1.183 χ^2 /NDF: 203.7/17

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: -248.733 ± 2.133 χ^2/NDF : 6151.6/17

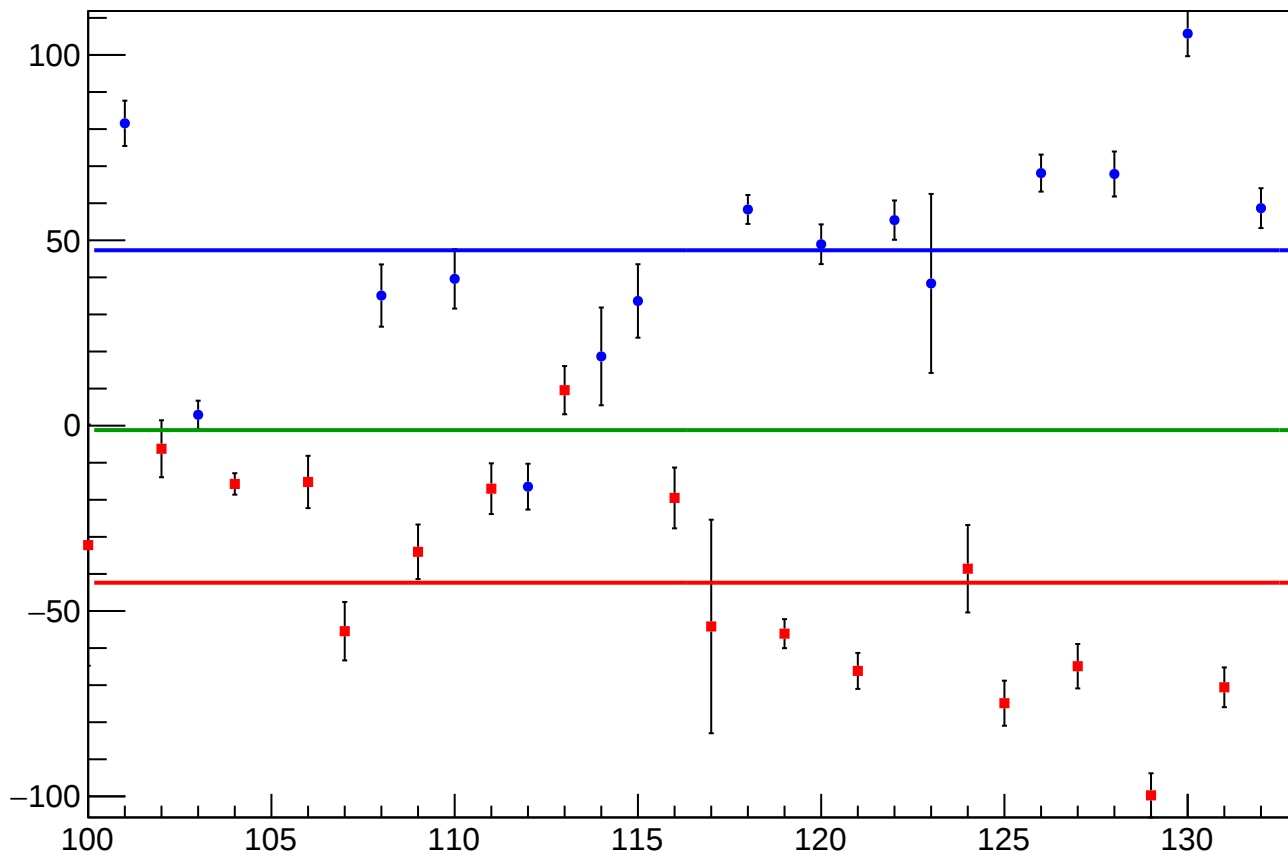
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

255.176 ± 2.314 χ^2/NDF : 4434.7/14

-17.258 ± 1.568 χ^2/NDF : 36221.4/32

-248.733 ± 2.133 χ^2/NDF : 6151.6/17

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: -42.362+/-1.398 χ^2/NDF : 417.7/17

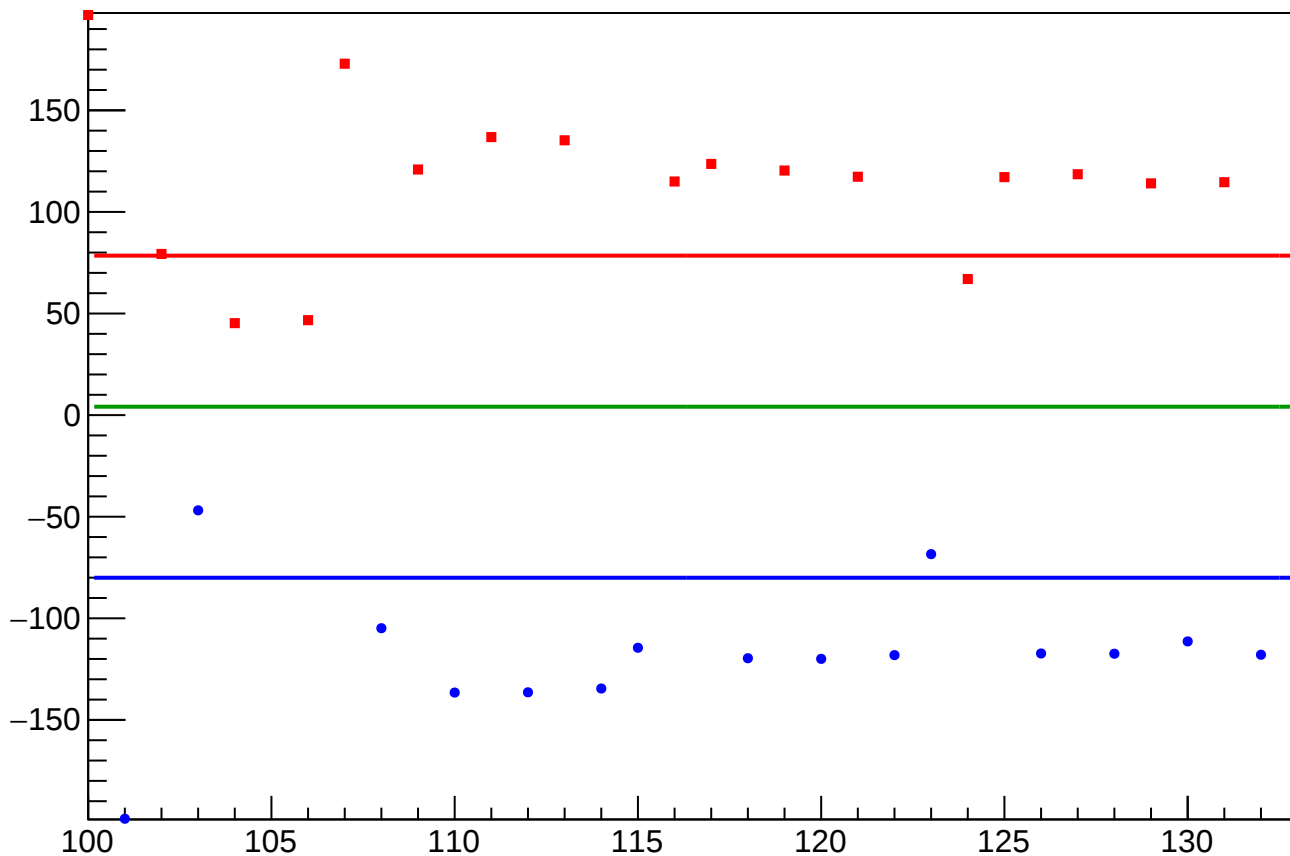
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

47.313+/-1.518 χ^2/NDF : 419.4/14

-1.197+/-1.028 χ^2/NDF : 2726.1/32

-42.362+/-1.398 χ^2/NDF : 417.7/17

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: 78.485+/-0.068 χ^2/NDF : 355187.1/17

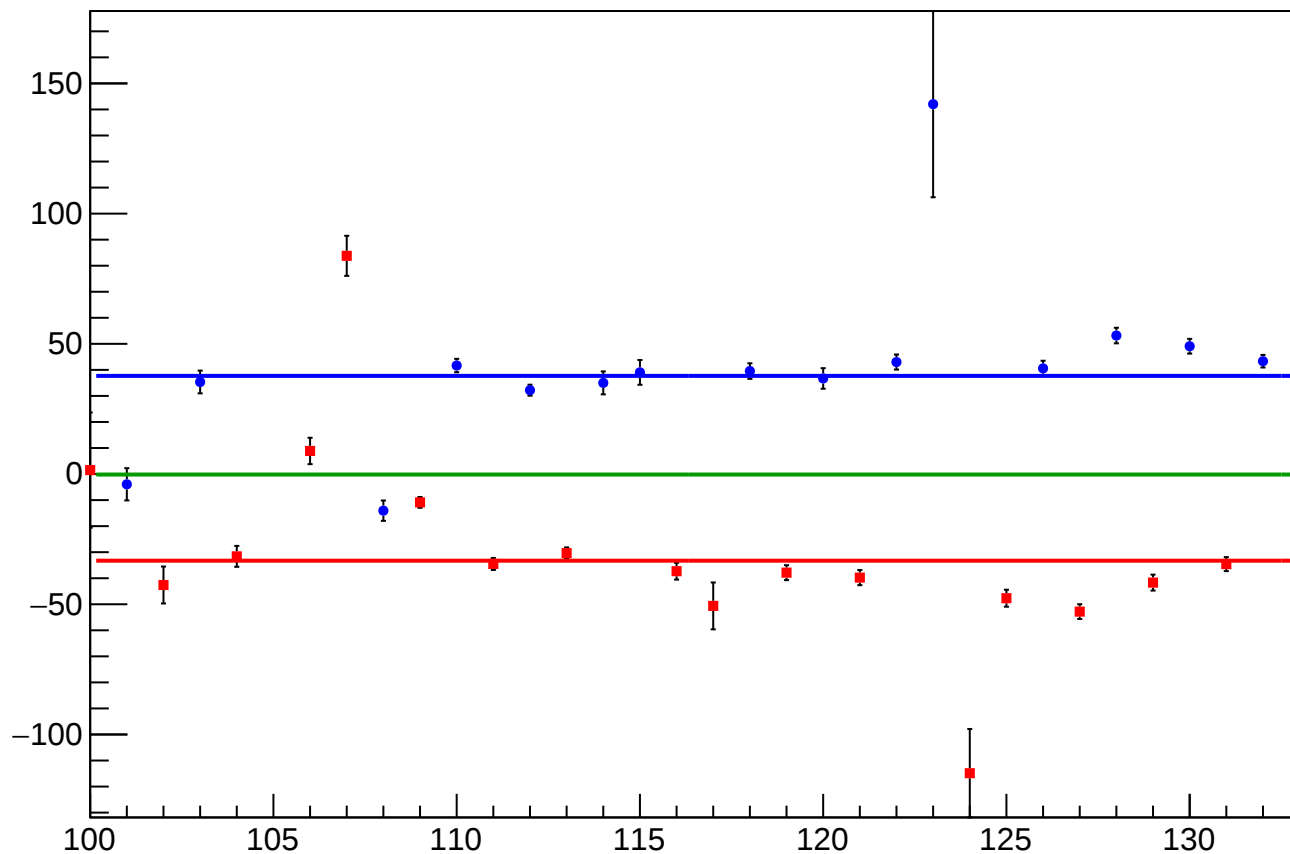
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-80.036+/-0.072 χ^2/NDF : 345026.9/14

4.139+/-0.049 χ^2/NDF : 3257306.1/32

78.485+/-0.068 χ^2/NDF : 355187.1/17

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: -33.262+/-0.780 χ^2 /NDF: 607.0/17

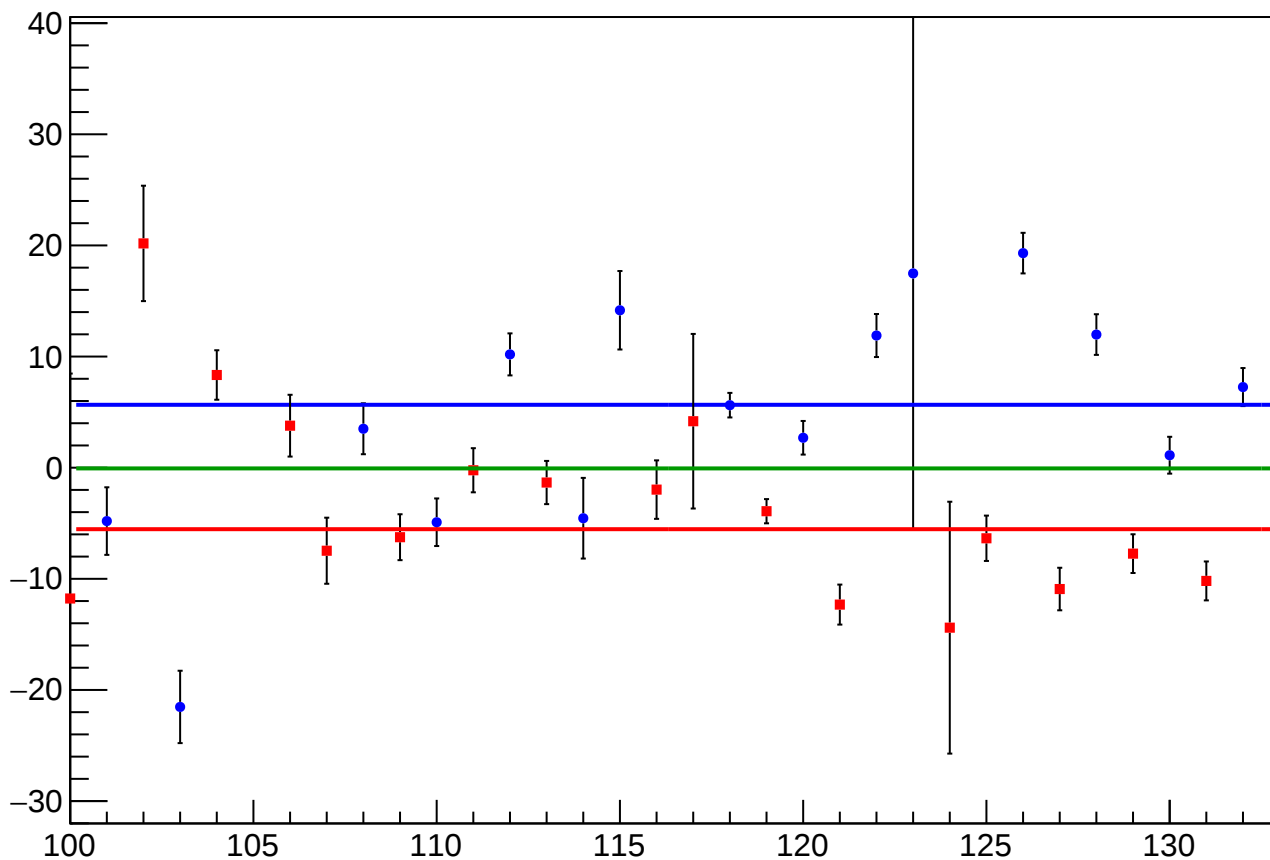
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

37.698+/-0.835 χ^2 /NDF: 292.3/14

-0.186+/-0.570 χ^2 /NDF: 4753.9/32

-33.262+/-0.780 χ^2 /NDF: 607.0/17

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: -5.534+/-0.496 χ^2/NDF : 150.6/17

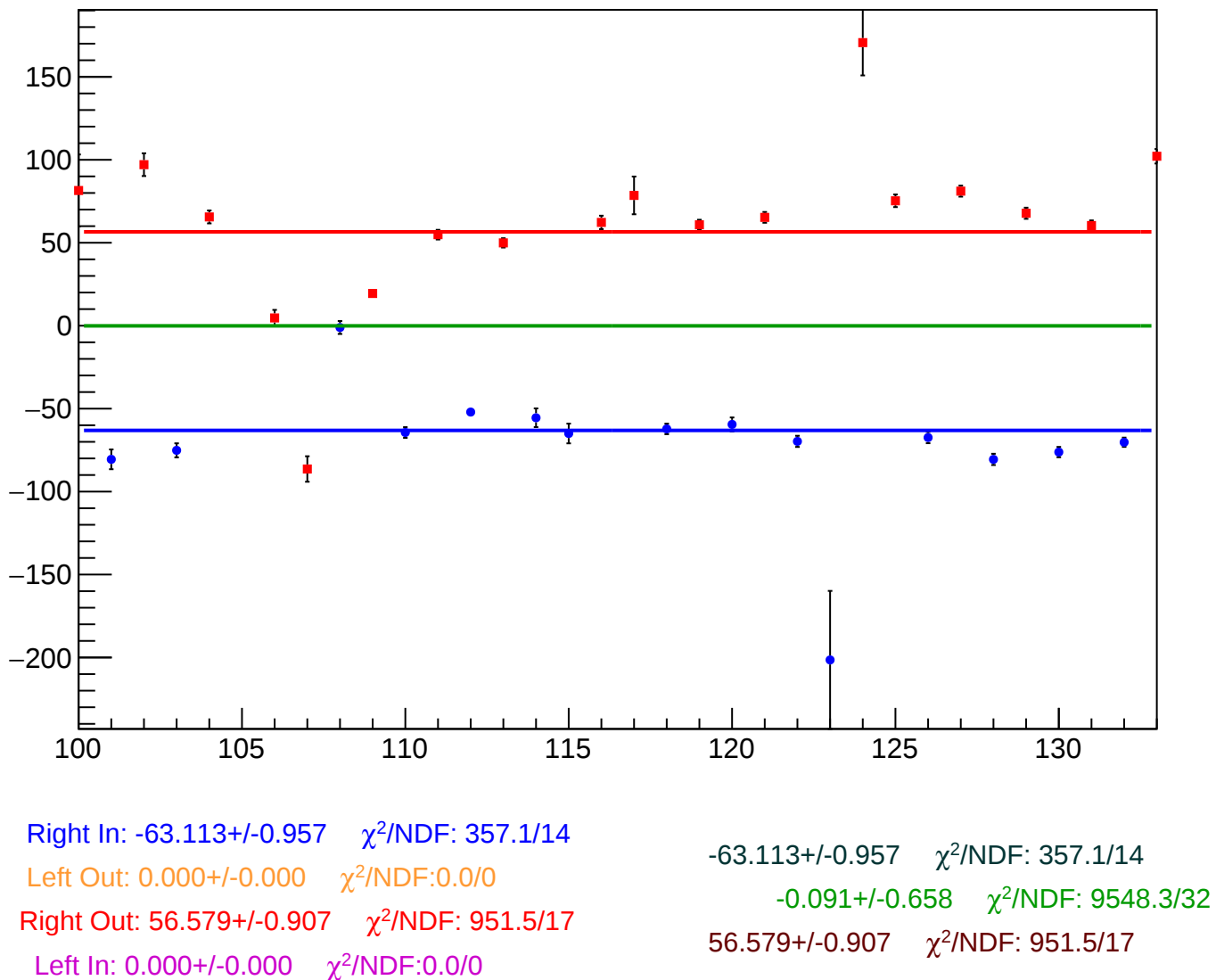
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.659+/-0.508 χ^2/NDF : 216.9/14

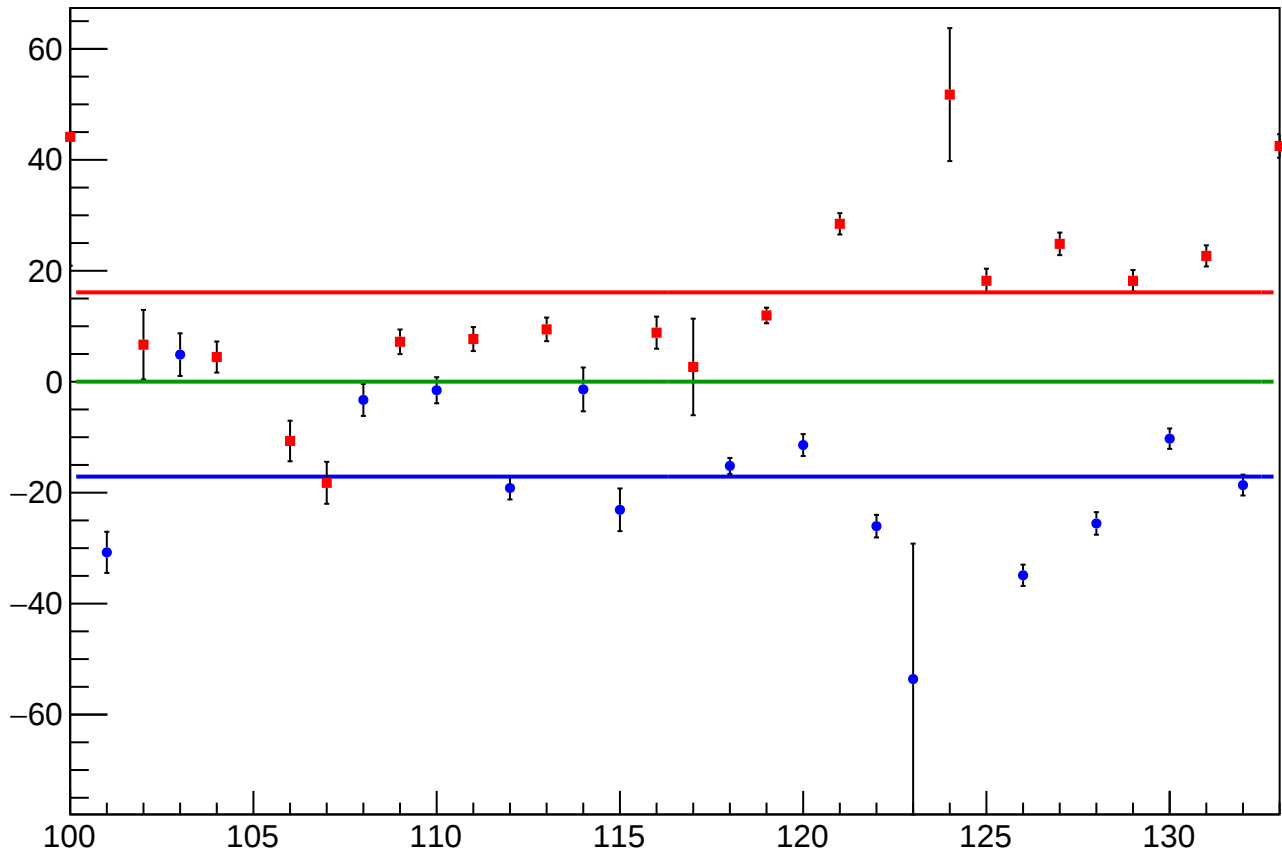
-0.066+/-0.355 χ^2/NDF : 615.9/32

-5.534+/-0.496 χ^2/NDF : 150.6/17

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: 16.109 $\pm$ 0.571 χ^2 /NDF: 452.0/17

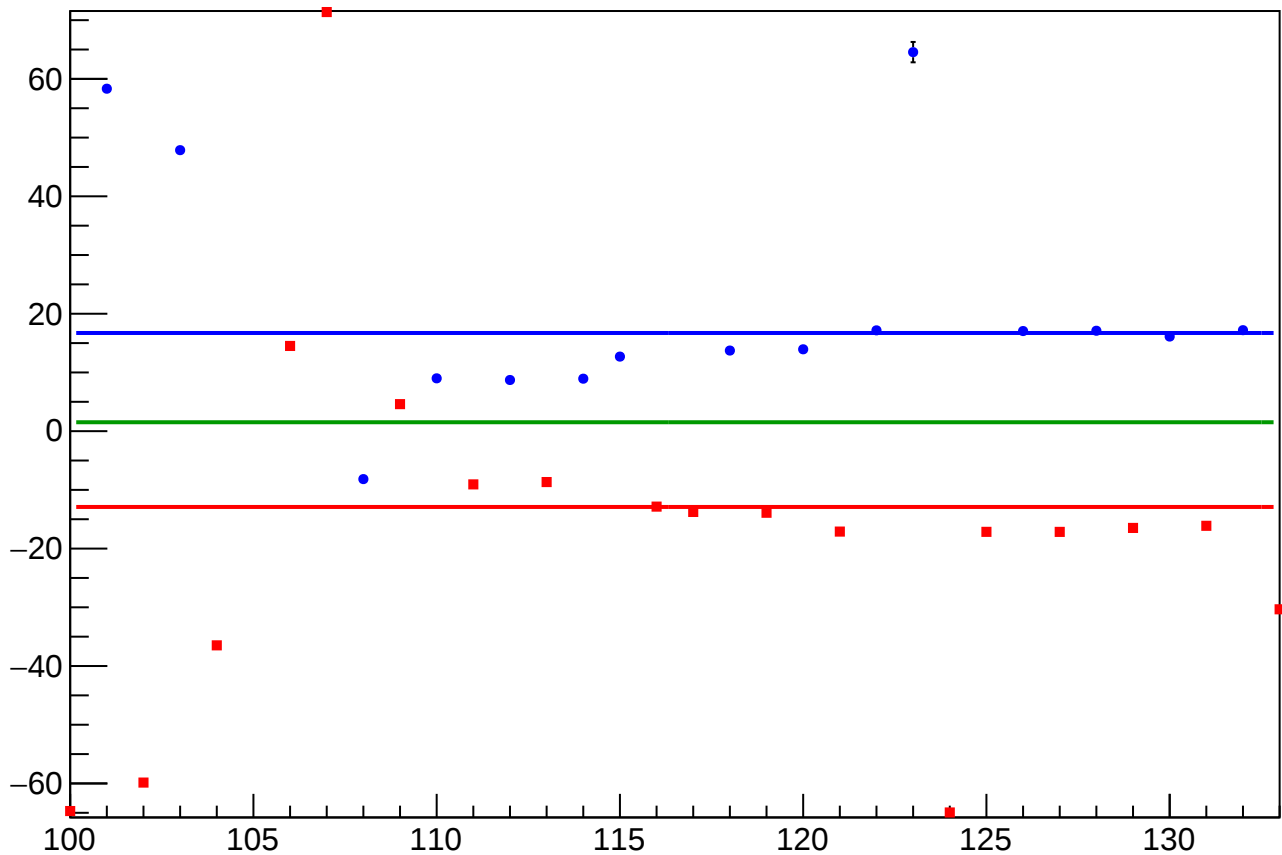
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.104 $\pm$ 0.589 χ^2 /NDF: 281.4/14

0.014 $\pm$ 0.410 χ^2 /NDF: 2372.2/32

16.109 $\pm$ 0.571 χ^2 /NDF: 452.0/17

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: -12.909+/-0.036 χ^2/NDF : 460907.1/17

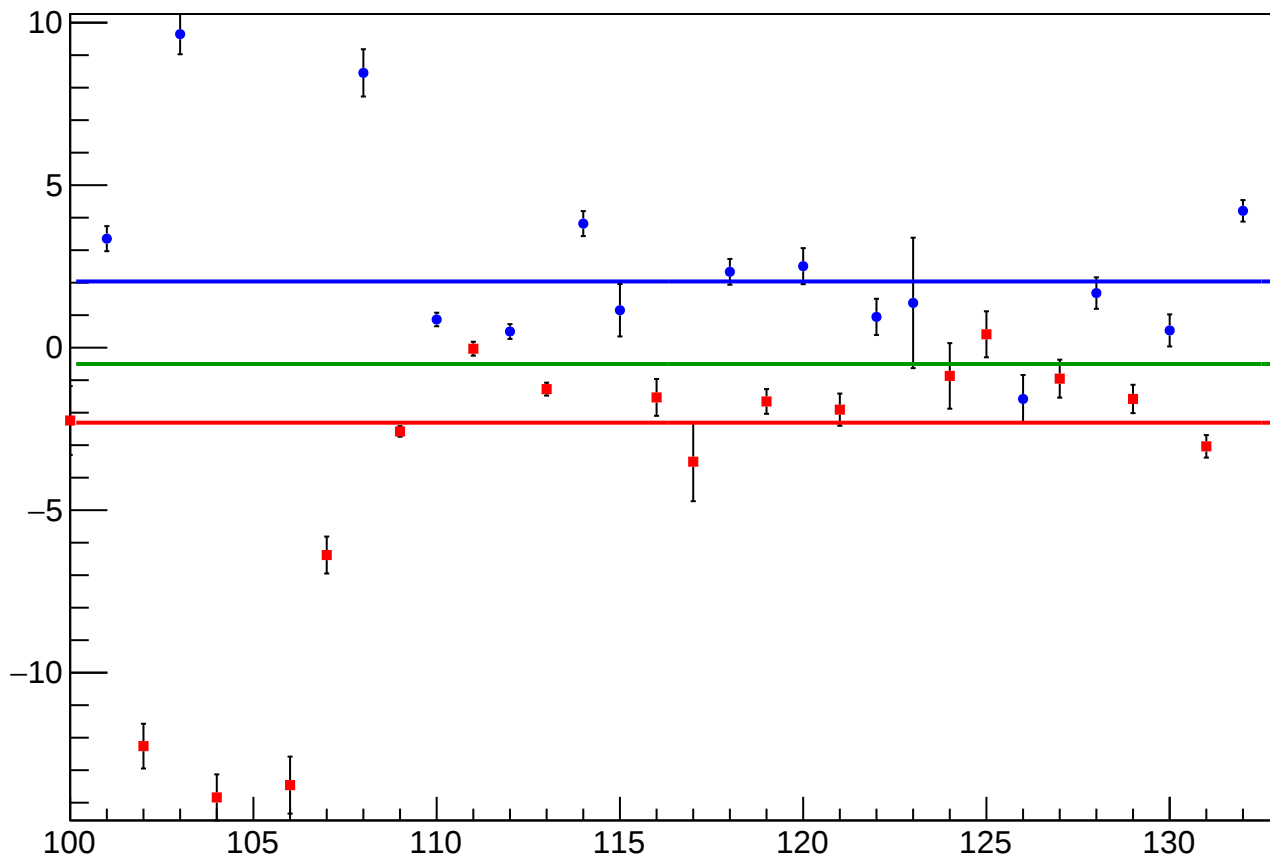
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.723+/-0.037 χ^2/NDF : 233178.1/14

1.519+/-0.026 χ^2/NDF : 1025811.2/32

-12.909+/-0.036 χ^2/NDF : 460907.1/17

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.038 ± 0.103 χ^2/NDF : 422.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.308 ± 0.087 χ^2/NDF : 897.3/17

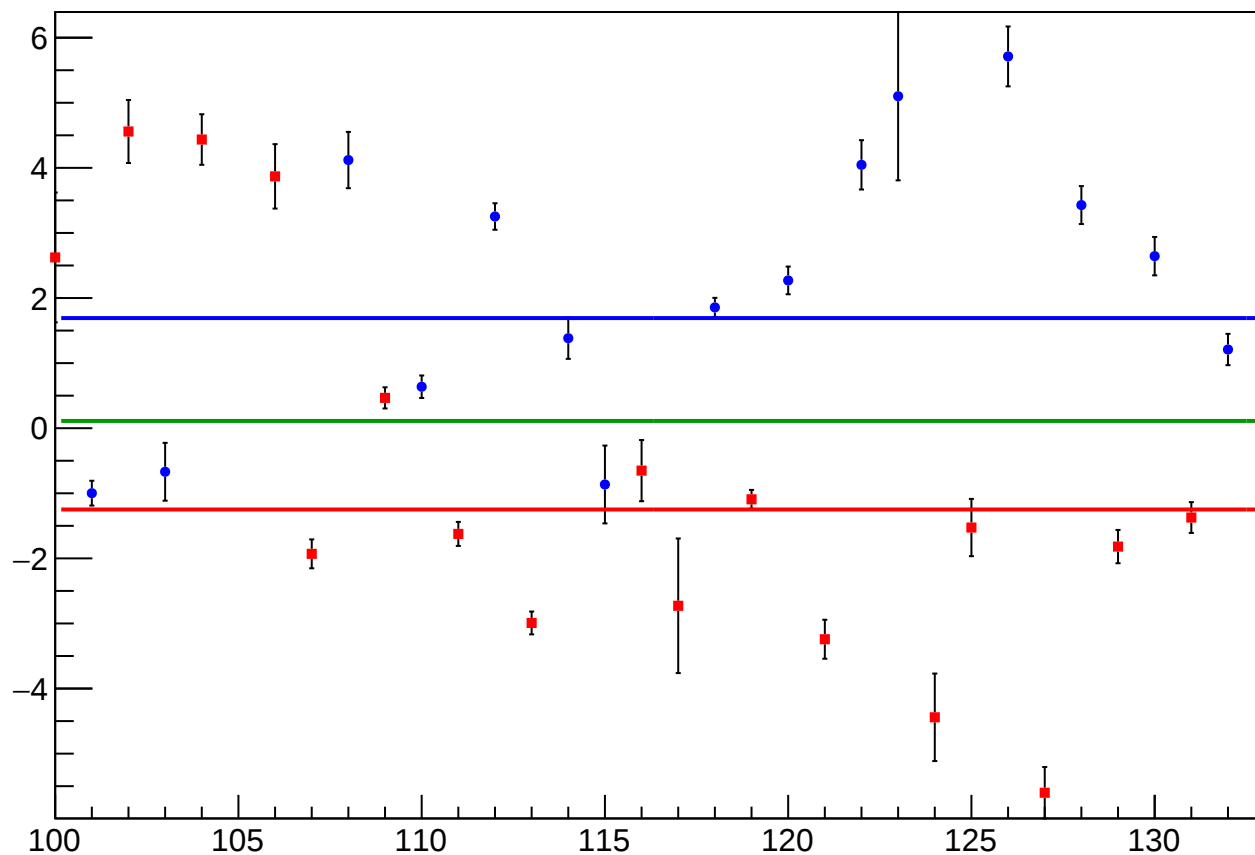
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.038 ± 0.103 χ^2/NDF : 422.9/14

-0.502 ± 0.066 χ^2/NDF : 2360.7/32

-2.308 ± 0.087 χ^2/NDF : 897.3/17

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: -1.249 $\pm$ 0.061 χ^2 /NDF: 907.0/17

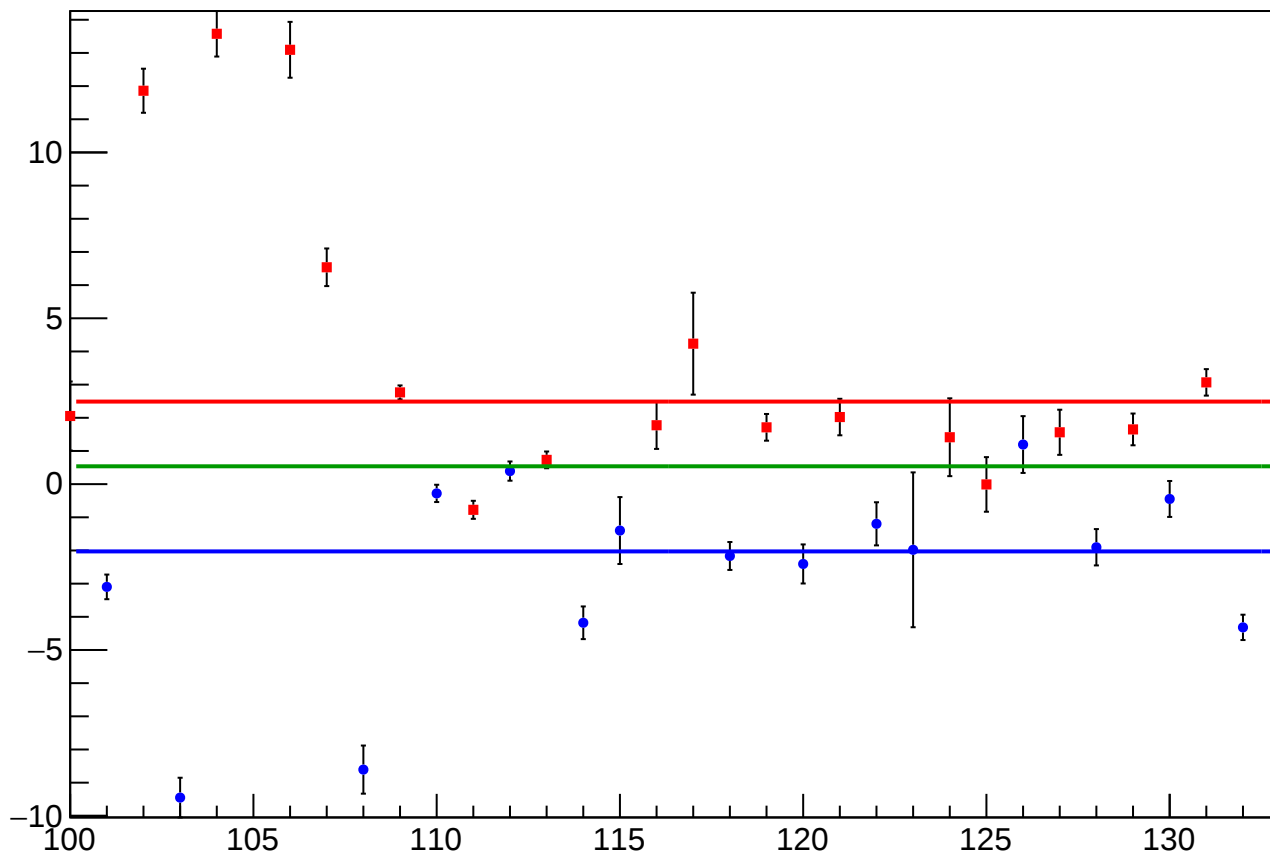
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.692 $\pm$ 0.066 χ^2 /NDF: 554.7/14

0.112 $\pm$ 0.045 χ^2 /NDF: 2529.0/32

-1.249 $\pm$ 0.061 χ^2 /NDF: 907.0/17

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.028 $\pm$ 0.120 χ^2 /NDF: 439.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.489 $\pm$ 0.104 χ^2 /NDF: 903.9/17

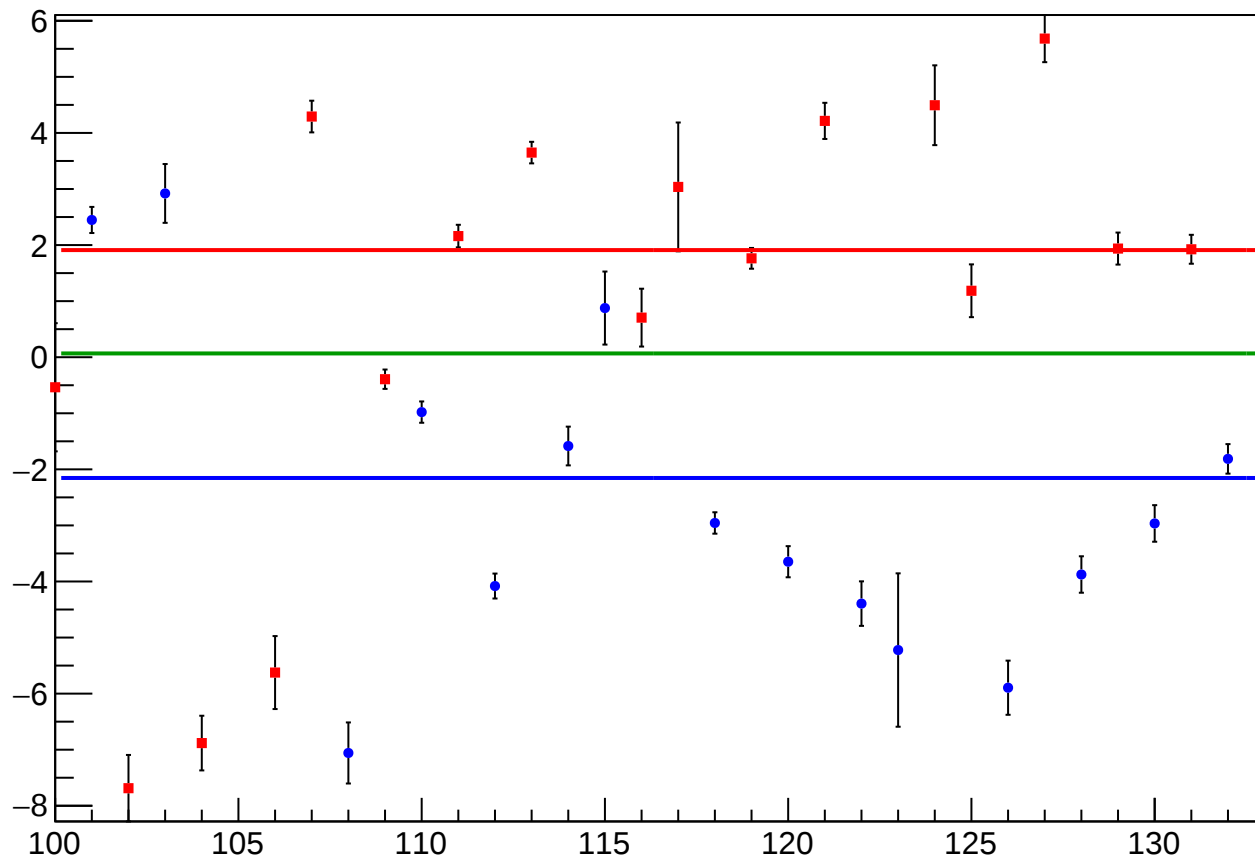
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2.028 $\pm$ 0.120 χ^2 /NDF: 439.5/14

0.538 $\pm$ 0.079 χ^2 /NDF: 2151.4/32

2.489 $\pm$ 0.104 χ^2 /NDF: 903.9/17

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.154 ± 0.077 $\chi^2/\text{NDF}: 882.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.911 ± 0.070 $\chi^2/\text{NDF}: 1339.7/17$

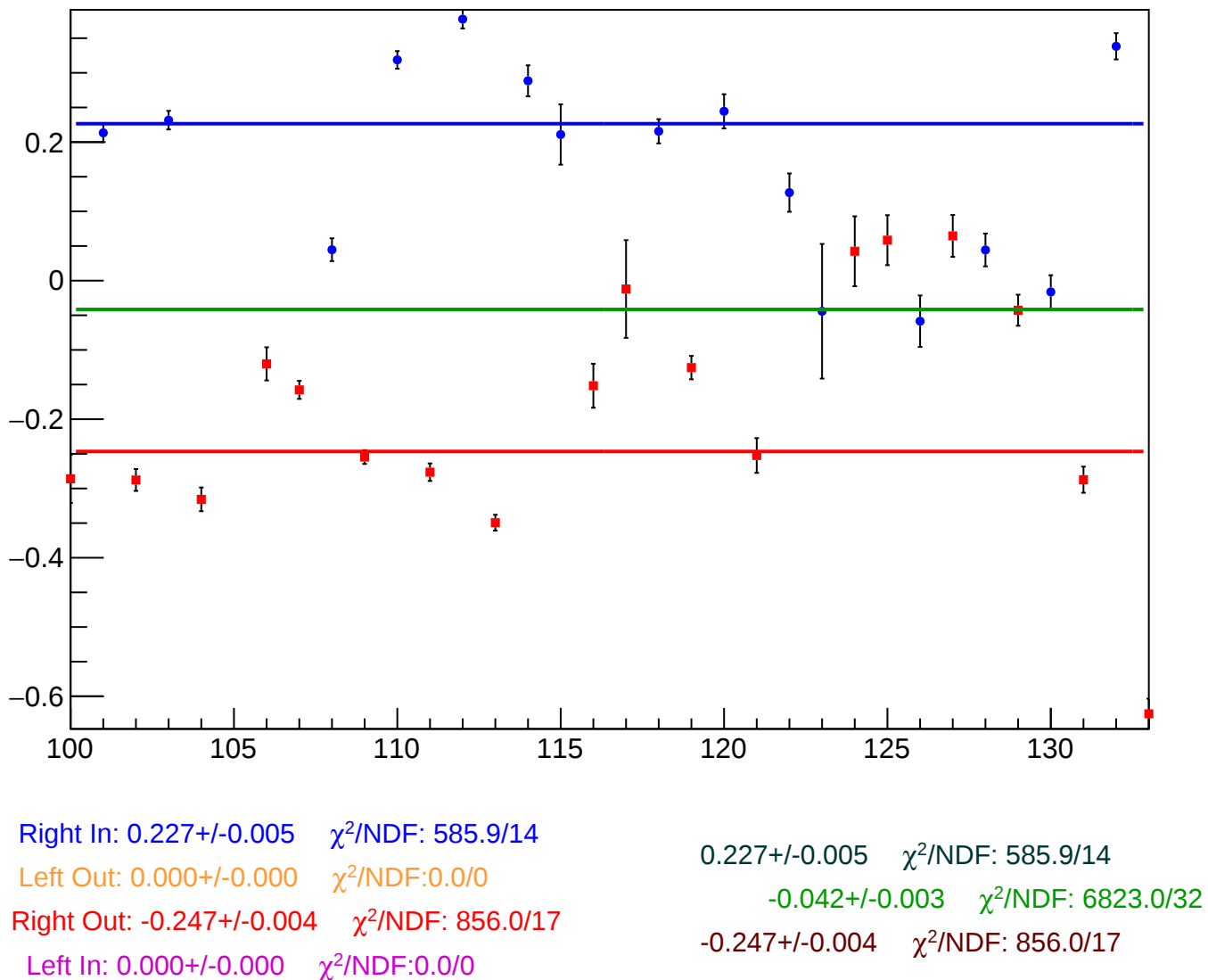
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.154 ± 0.077 $\chi^2/\text{NDF}: 882.4/14$

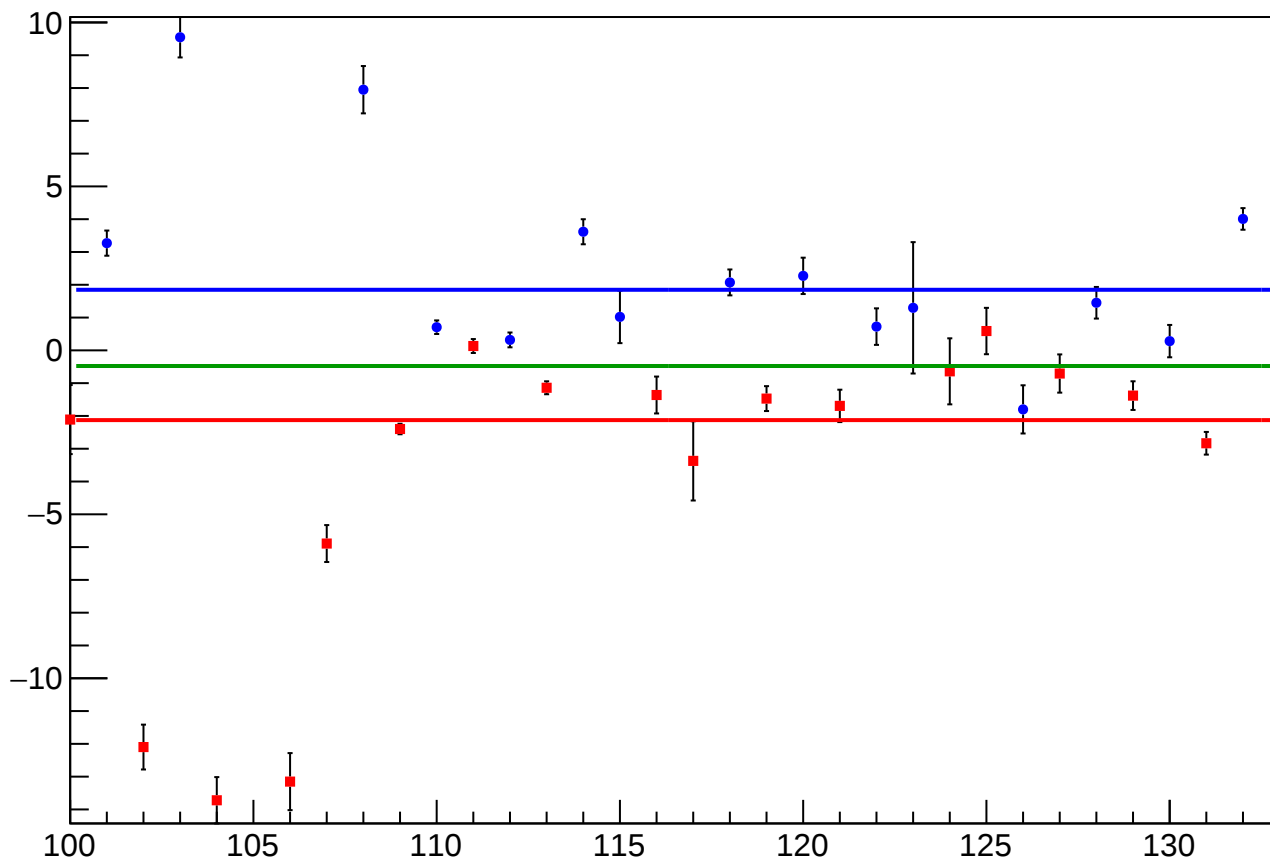
0.067 ± 0.052 $\chi^2/\text{NDF}: 3747.3/32$

1.911 ± 0.070 $\chi^2/\text{NDF}: 1339.7/17$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



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: -2.127 ± 0.086 χ^2/NDF : 896.2/17

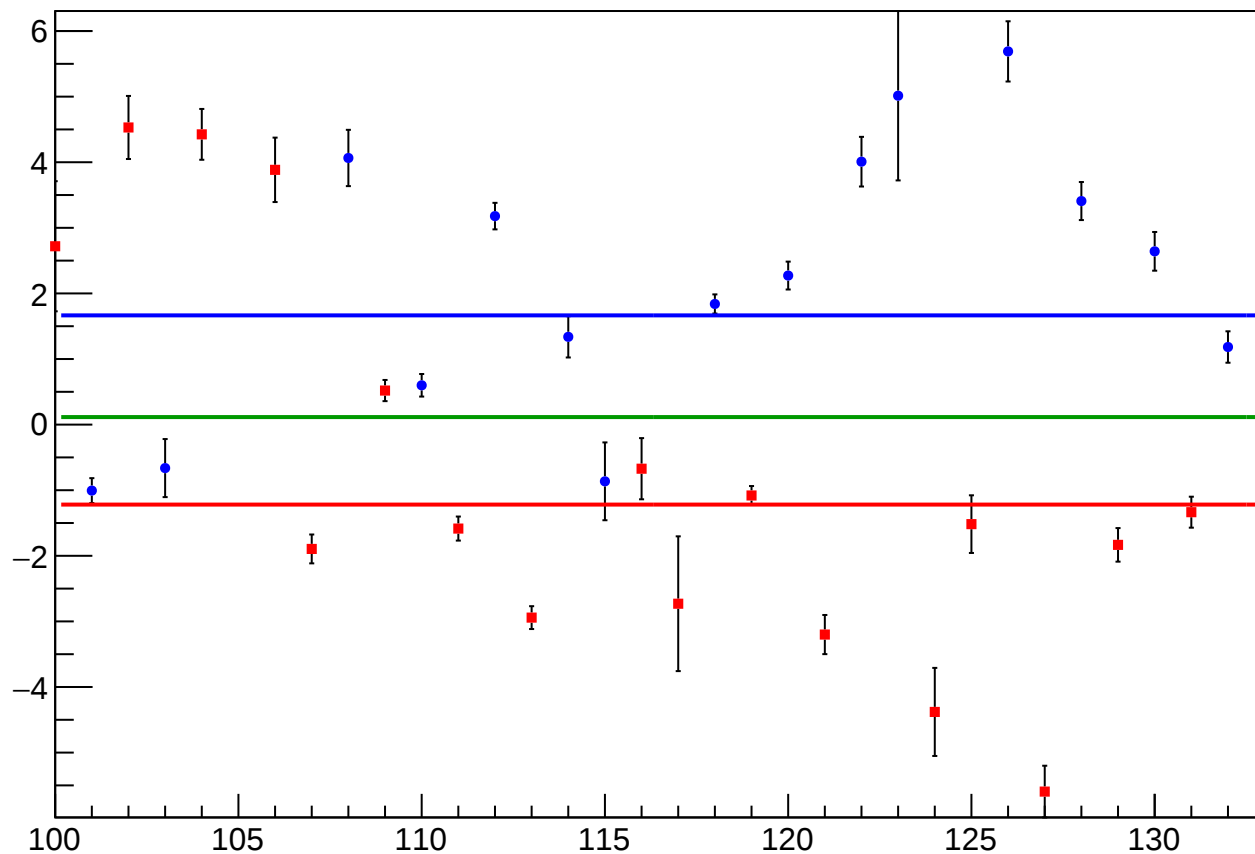
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.847 ± 0.102 χ^2/NDF : 423.4/14

-0.477 ± 0.066 χ^2/NDF : 2199.8/32

-2.127 ± 0.086 χ^2/NDF : 896.2/17

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: -1.219 $\pm$ 0.061 χ^2 /NDF: 911.9/17

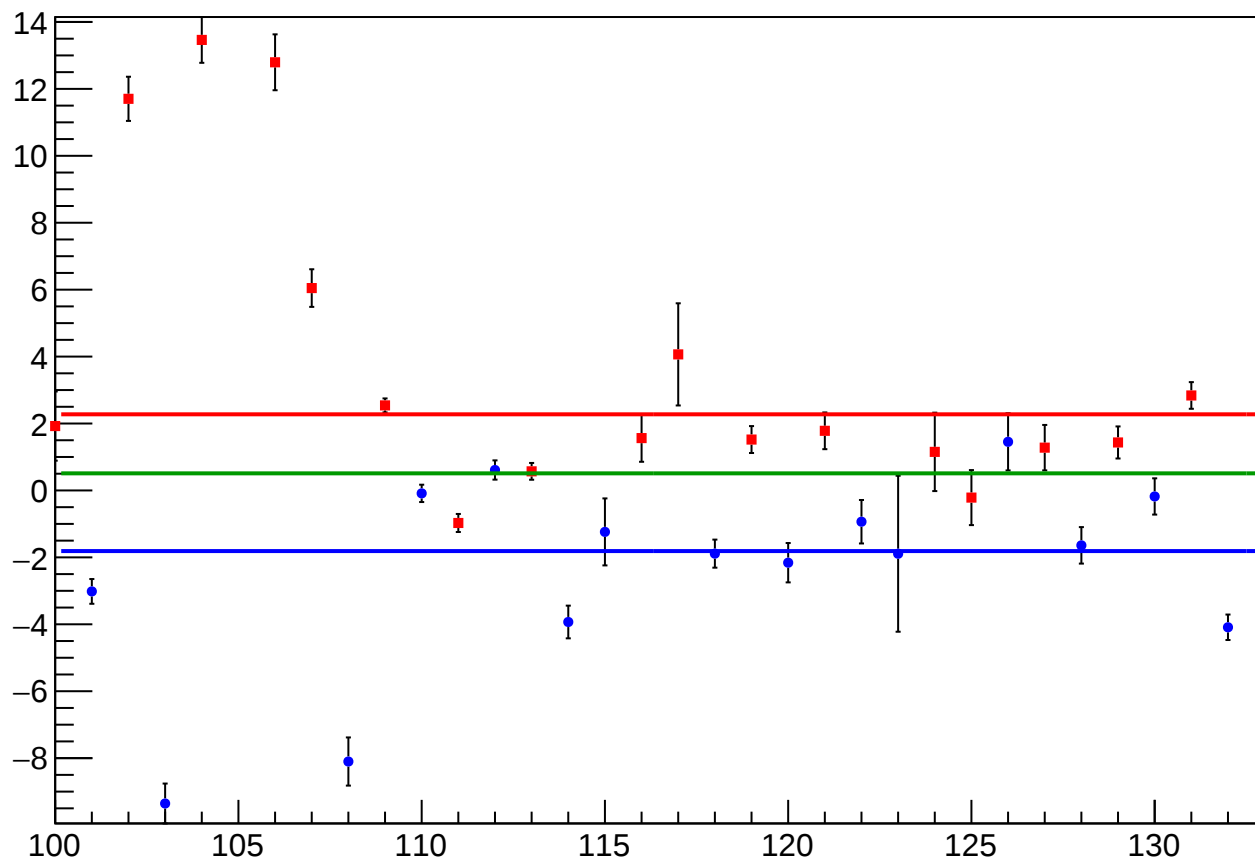
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.665 $\pm$ 0.066 χ^2 /NDF: 553.5/14

0.115 $\pm$ 0.045 χ^2 /NDF: 2501.8/32

-1.219 $\pm$ 0.061 χ^2 /NDF: 911.9/17

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: 2.275+/-0.104 χ^2/NDF : 907.9/17

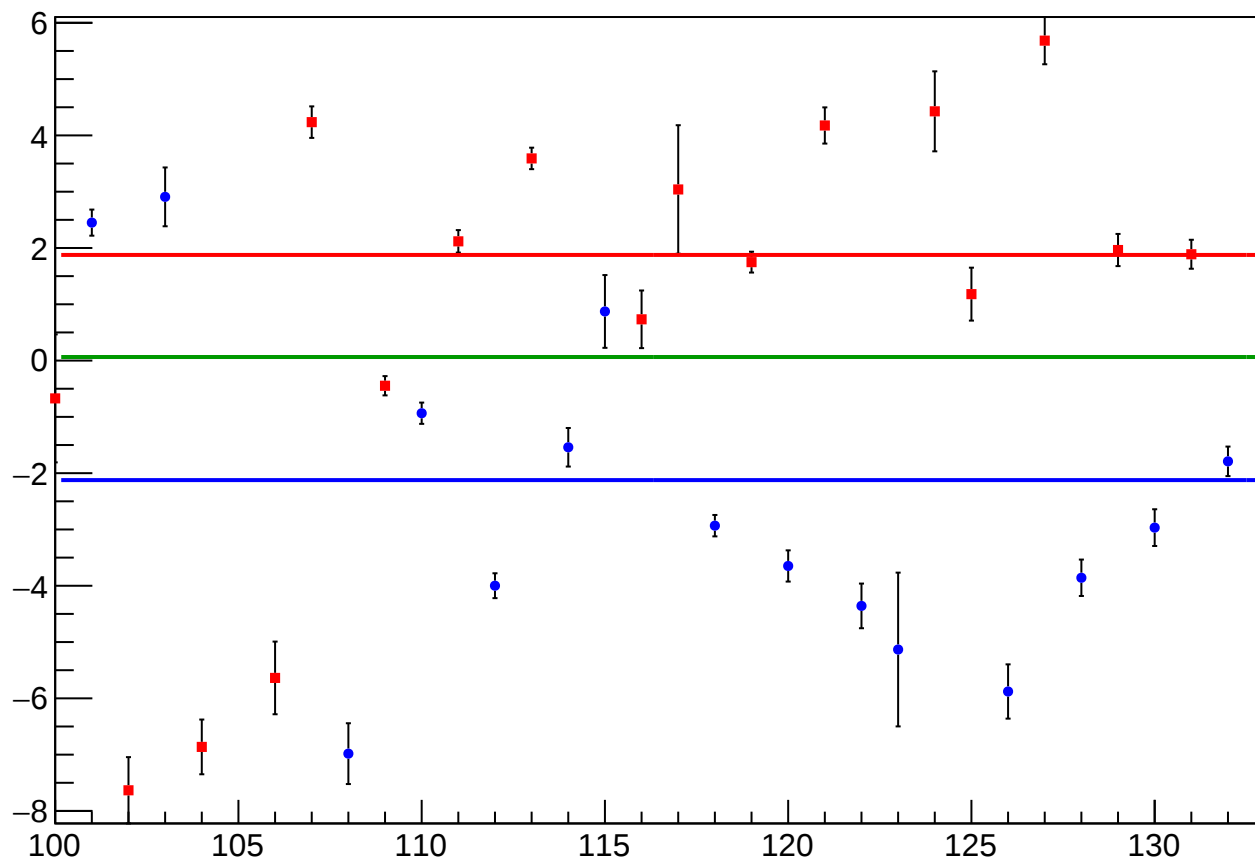
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.812+/-0.119 χ^2/NDF : 443.3/14

0.511+/-0.078 χ^2/NDF : 2019.8/32

2.275+/-0.104 χ^2/NDF : 907.9/17

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: 1.877+/-0.070 χ^2/NDF : 1345.3/17

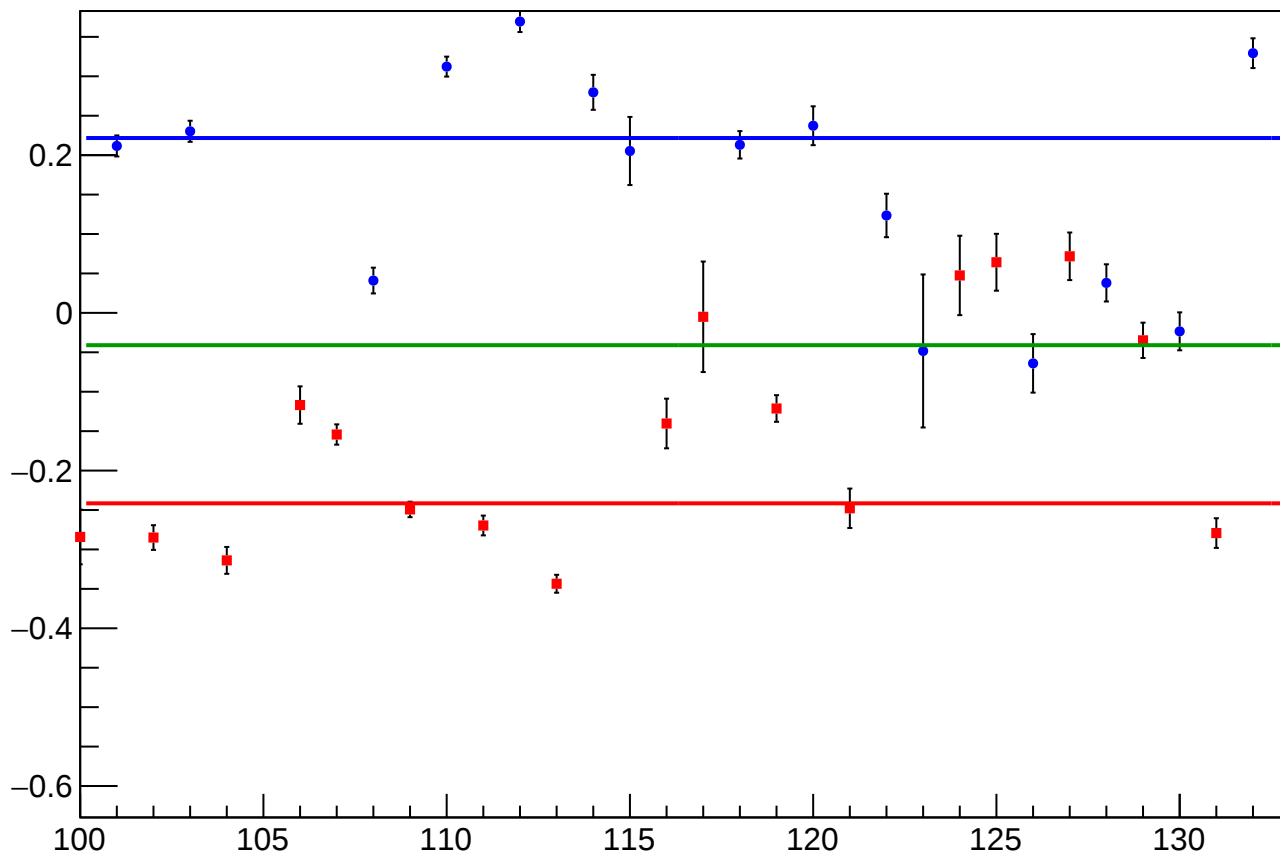
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.123+/-0.077 χ^2/NDF : 881.8/14

0.063+/-0.052 χ^2/NDF : 3718.2/32

1.877+/-0.070 χ^2/NDF : 1345.3/17

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: -0.242 $\pm$ 0.004 χ^2/NDF : 861.9/17

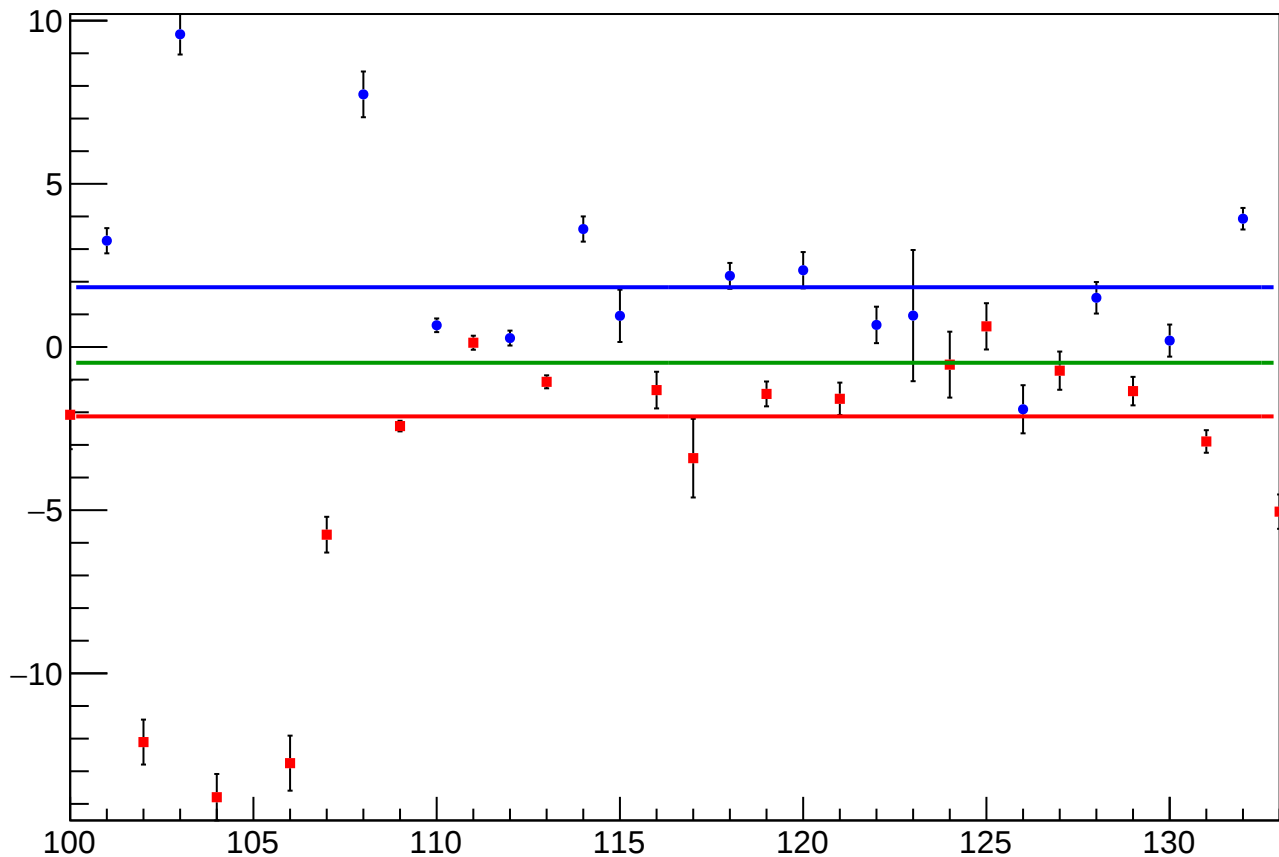
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.222 $\pm$ 0.005 χ^2/NDF : 581.7/14

-0.041 $\pm$ 0.003 χ^2/NDF : 6657.8/32

-0.242 $\pm$ 0.004 χ^2/NDF : 861.9/17

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: -2.127 $\pm$ 0.087 χ^2/NDF : 893.0/17

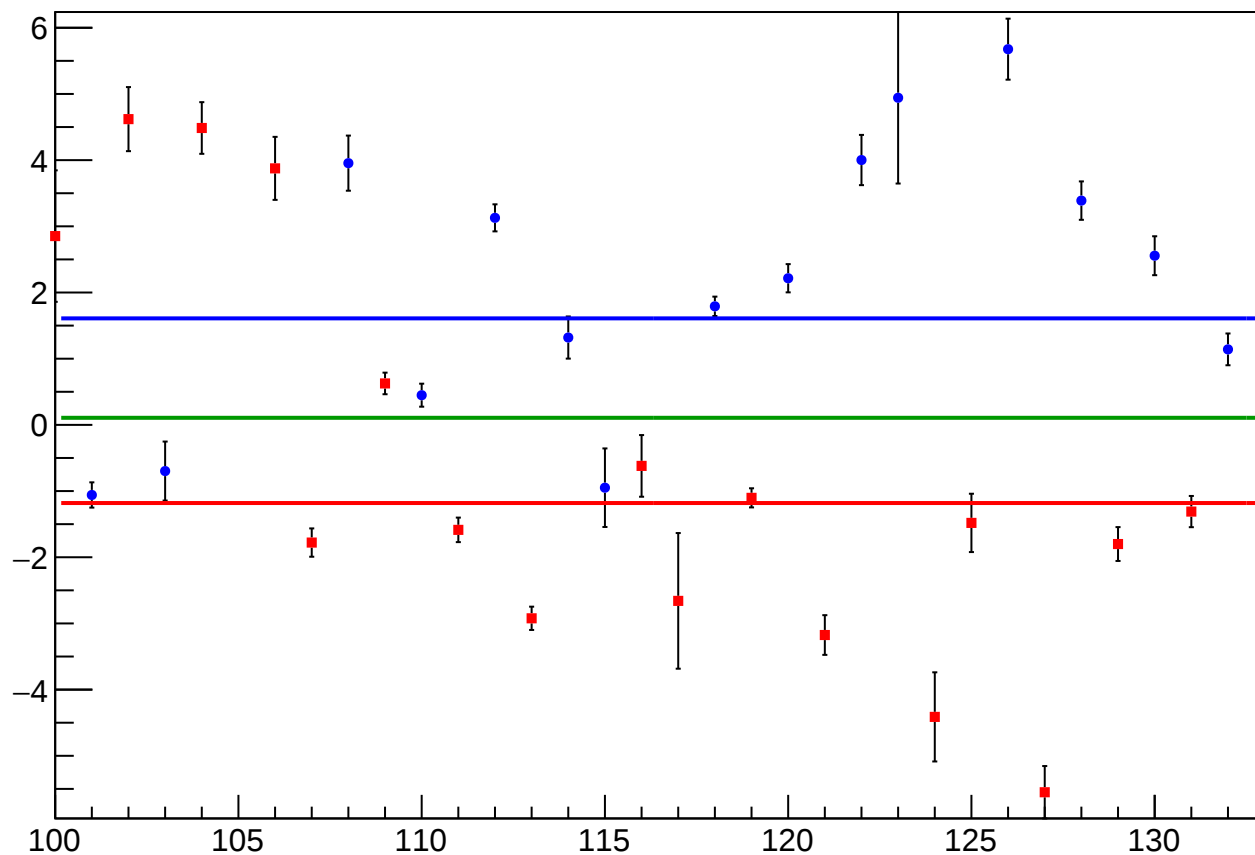
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.831 $\pm$ 0.103 χ^2/NDF : 424.6/14

-0.483 $\pm$ 0.066 χ^2/NDF : 2179.7/32

-2.127 $\pm$ 0.087 χ^2/NDF : 893.0/17

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.609+/-0.066 χ^2/NDF : 558.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.181+/-0.061 χ^2/NDF : 921.4/17

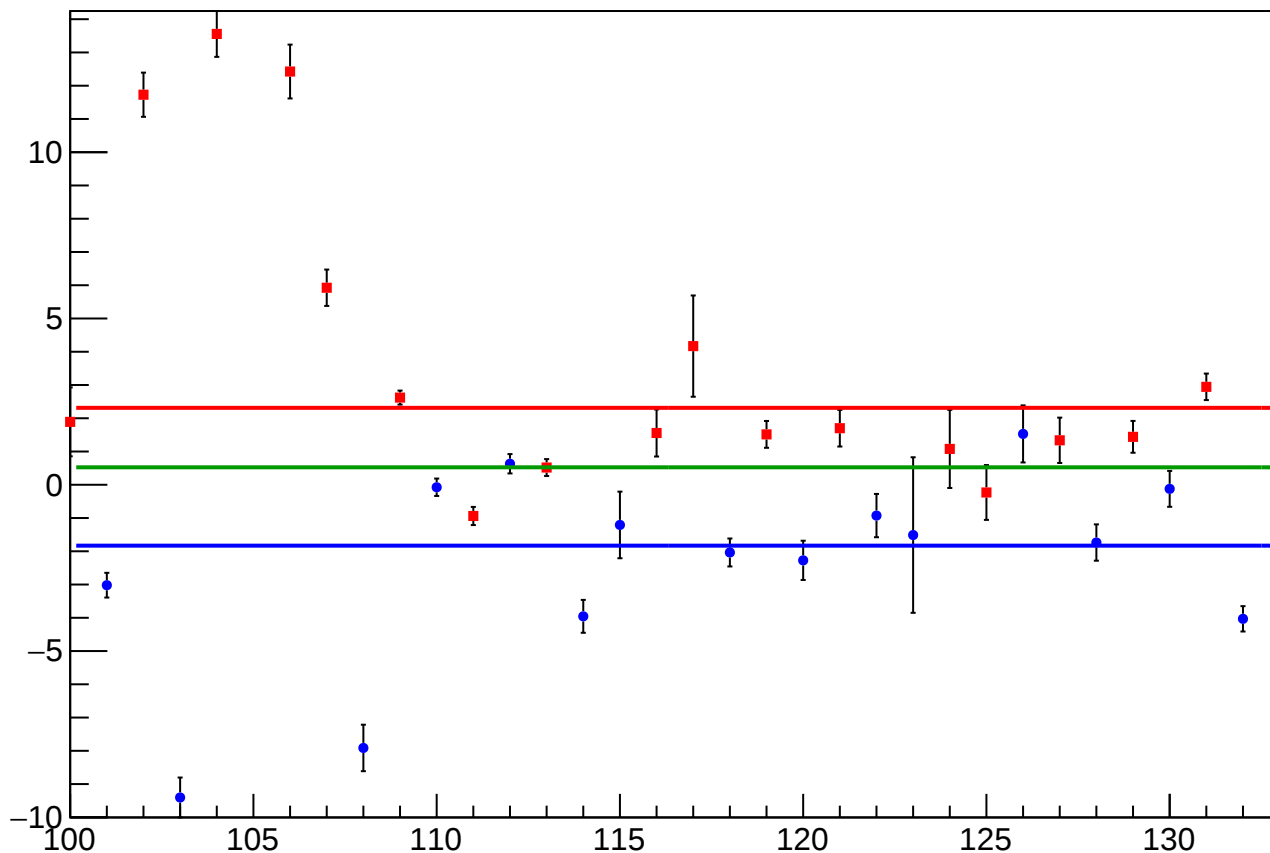
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.609+/-0.066 χ^2/NDF : 558.8/14

0.107+/-0.045 χ^2/NDF : 2443.0/32

-1.181+/-0.061 χ^2/NDF : 921.4/17

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.831 $\pm$ 0.120 χ^2 /NDF: 442.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.313 $\pm$ 0.104 χ^2 /NDF: 902.6/17

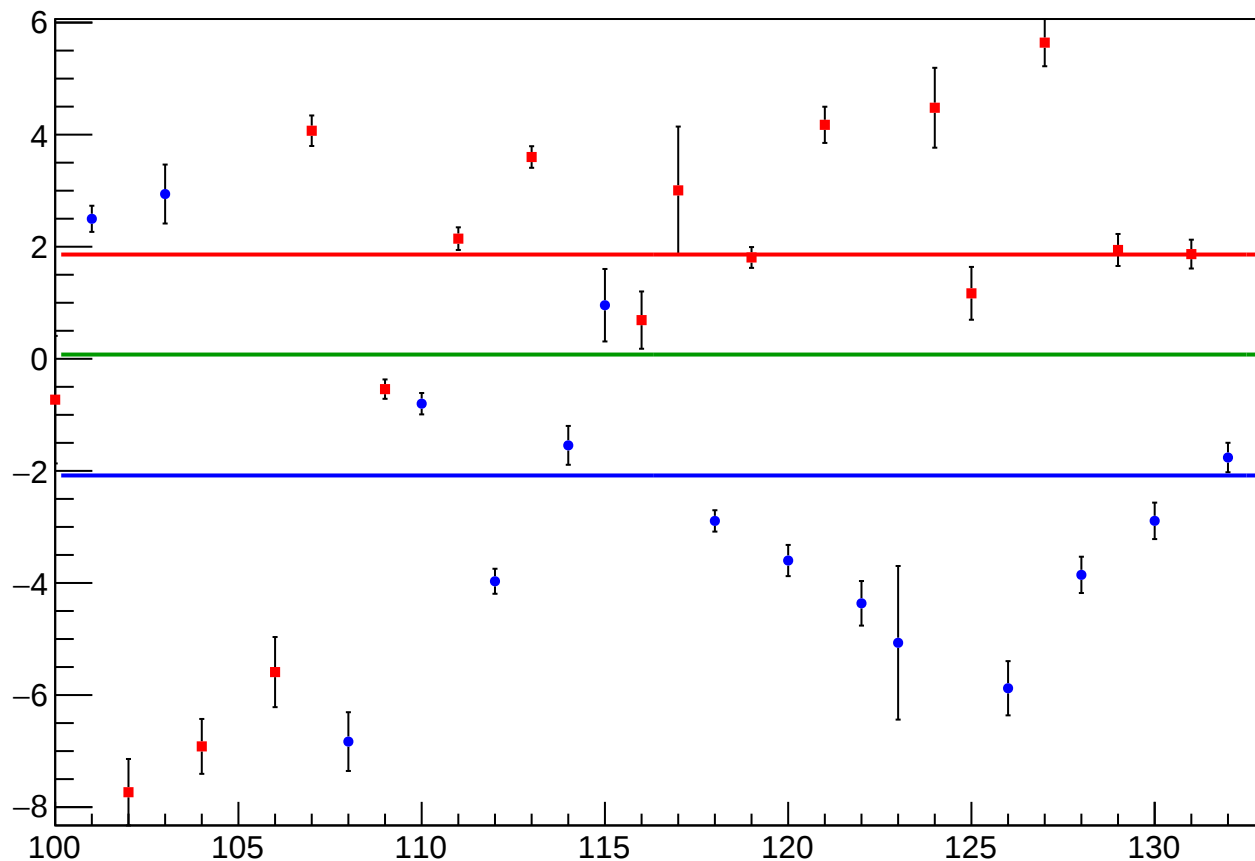
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.831 $\pm$ 0.120 χ^2 /NDF: 442.3/14

0.525 $\pm$ 0.079 χ^2 /NDF: 2025.1/32

2.313 $\pm$ 0.104 χ^2 /NDF: 902.6/17

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: 1.861 ± 0.070 χ^2/NDF : 1352.1/17

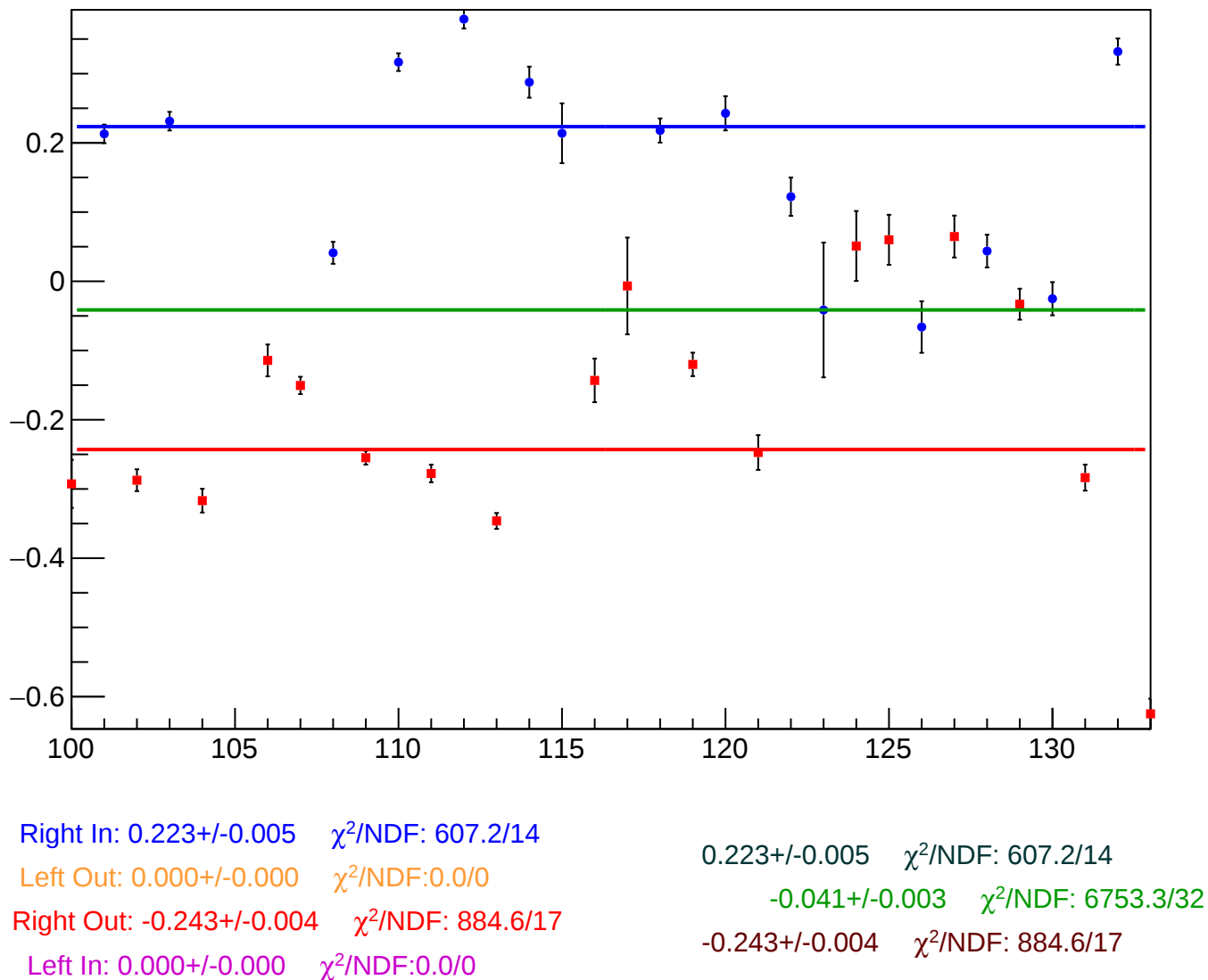
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.082 ± 0.077 χ^2/NDF : 884.6/14

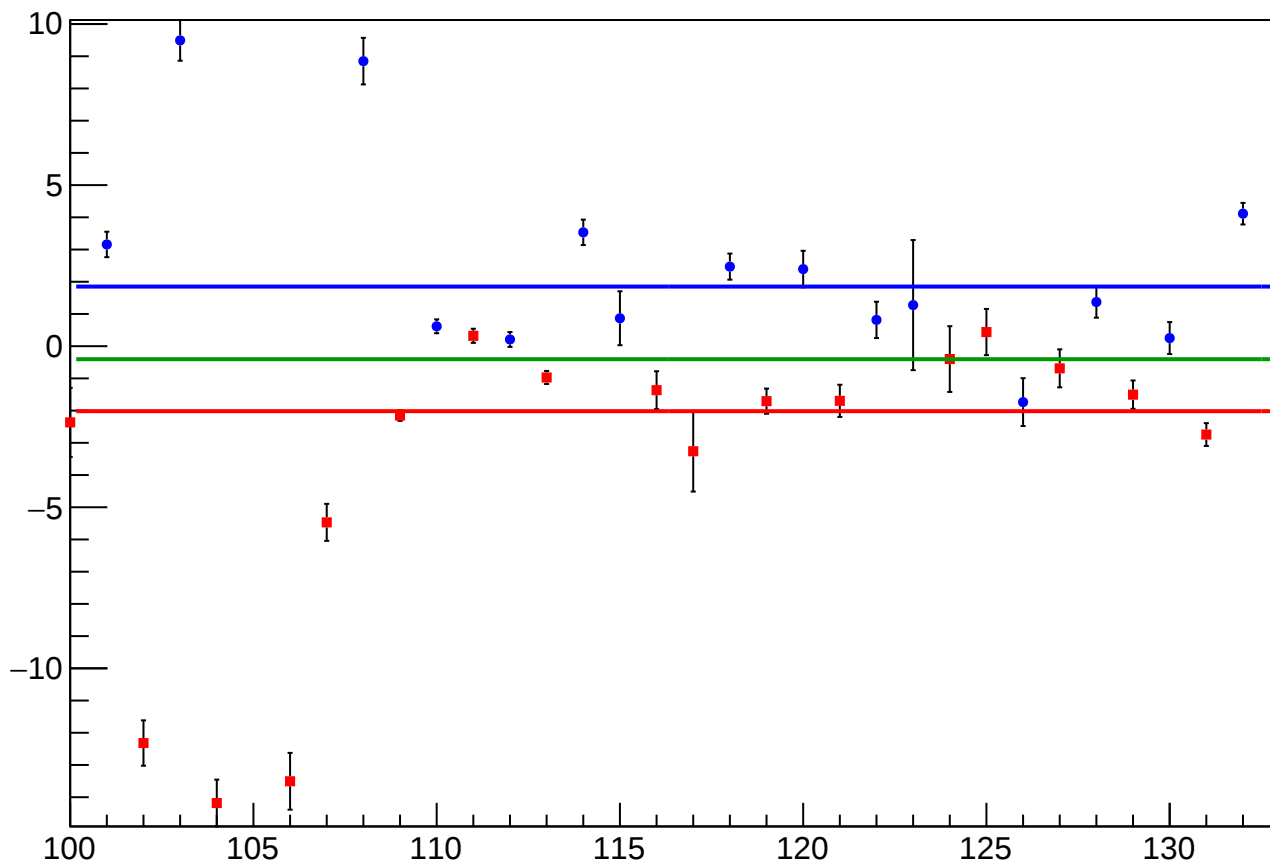
0.076 ± 0.052 χ^2/NDF : 3673.5/32

1.861 ± 0.070 χ^2/NDF : 1352.1/17

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



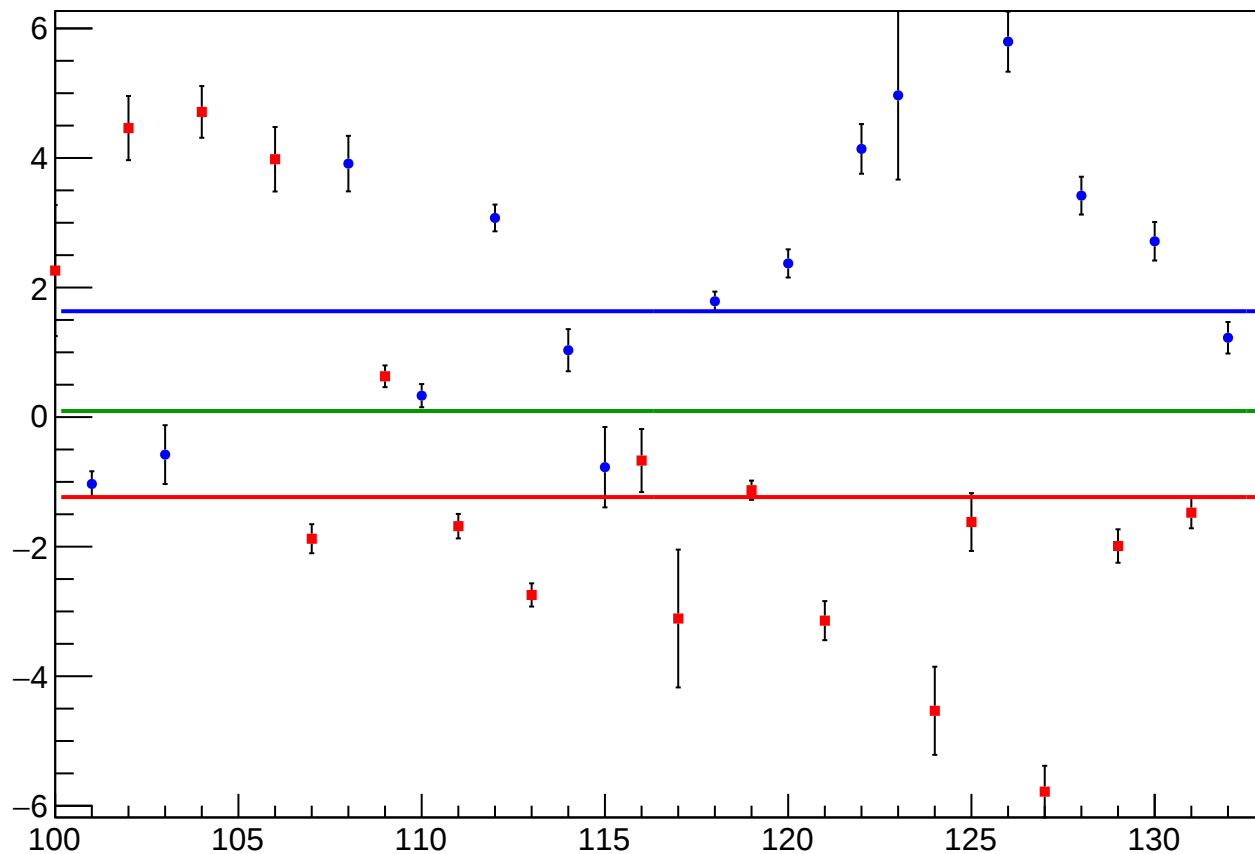
reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



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: -2.017 ± 0.089 χ^2/NDF : 905.2/17
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.851 ± 0.105 χ^2/NDF : 440.8/14
 -0.404 ± 0.068 χ^2/NDF : 2136.8/32
 -2.017 ± 0.089 χ^2/NDF : 905.2/17

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: -1.234 $\pm$ 0.062 χ^2 /NDF: 898.4/17

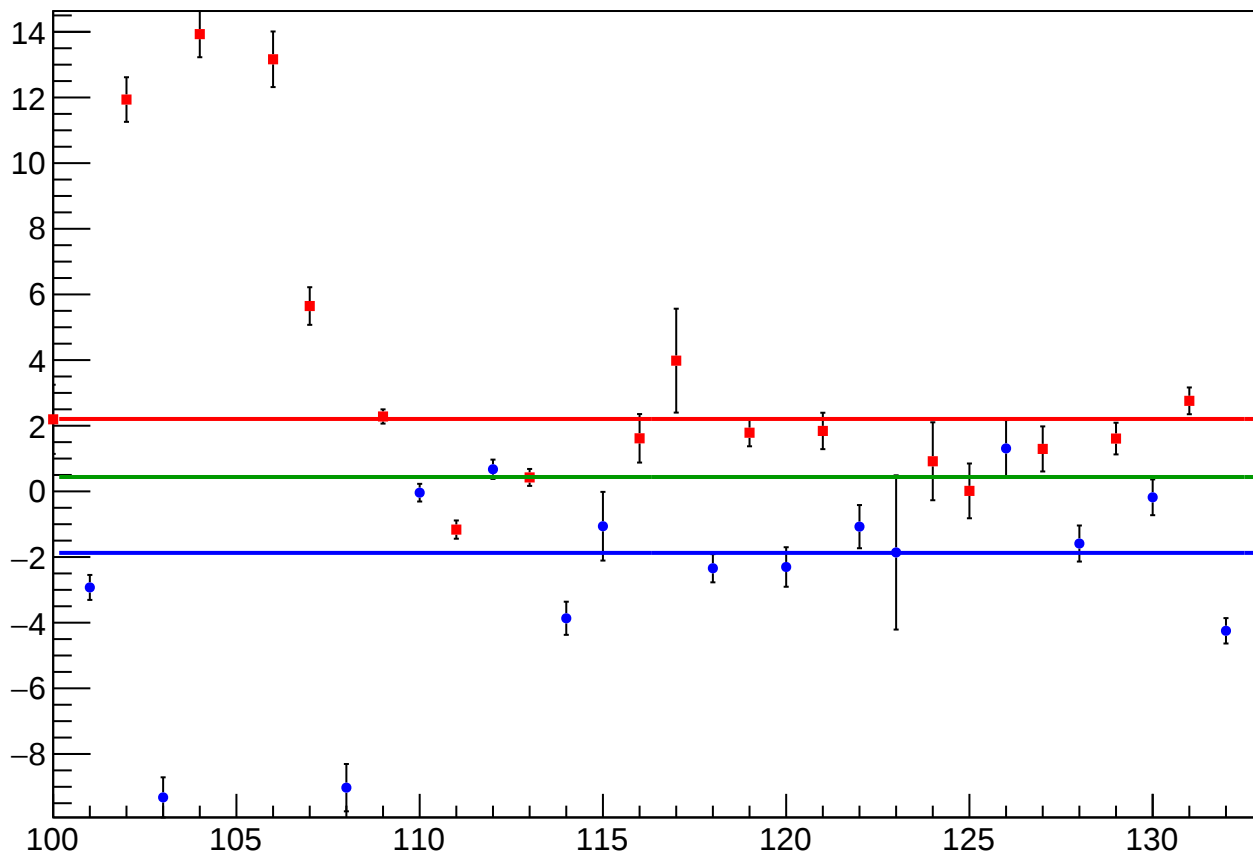
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.634 $\pm$ 0.067 χ^2 /NDF: 554.3/14

0.095 $\pm$ 0.046 χ^2 /NDF: 2429.7/32

-1.234 $\pm$ 0.062 χ^2 /NDF: 898.4/17

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: 2.206 ± 0.107 χ^2/NDF : 915.6/17

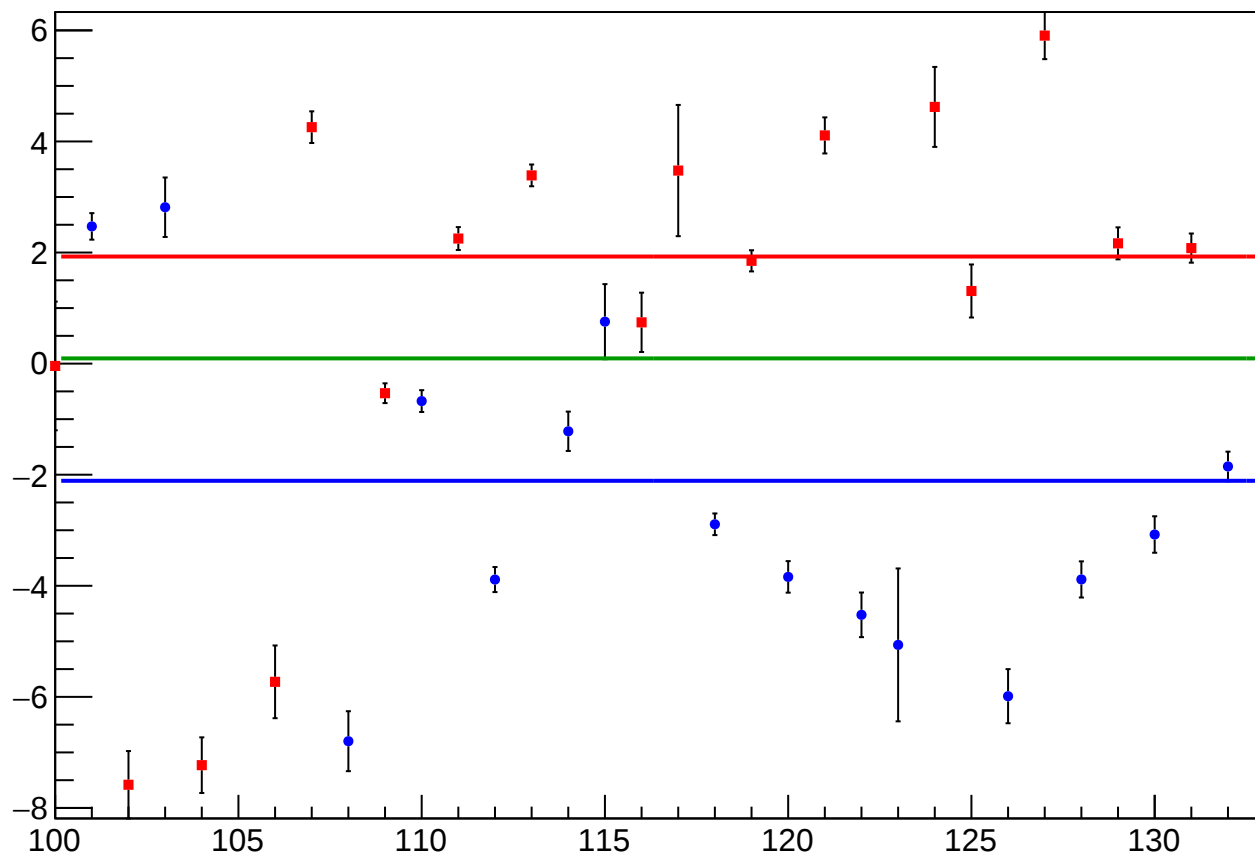
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.874 ± 0.122 χ^2/NDF : 456.7/14

0.438 ± 0.080 χ^2/NDF : 2005.4/32

2.206 ± 0.107 χ^2/NDF : 915.6/17

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: 1.928 ± 0.072 χ^2/NDF : 1319.4/17

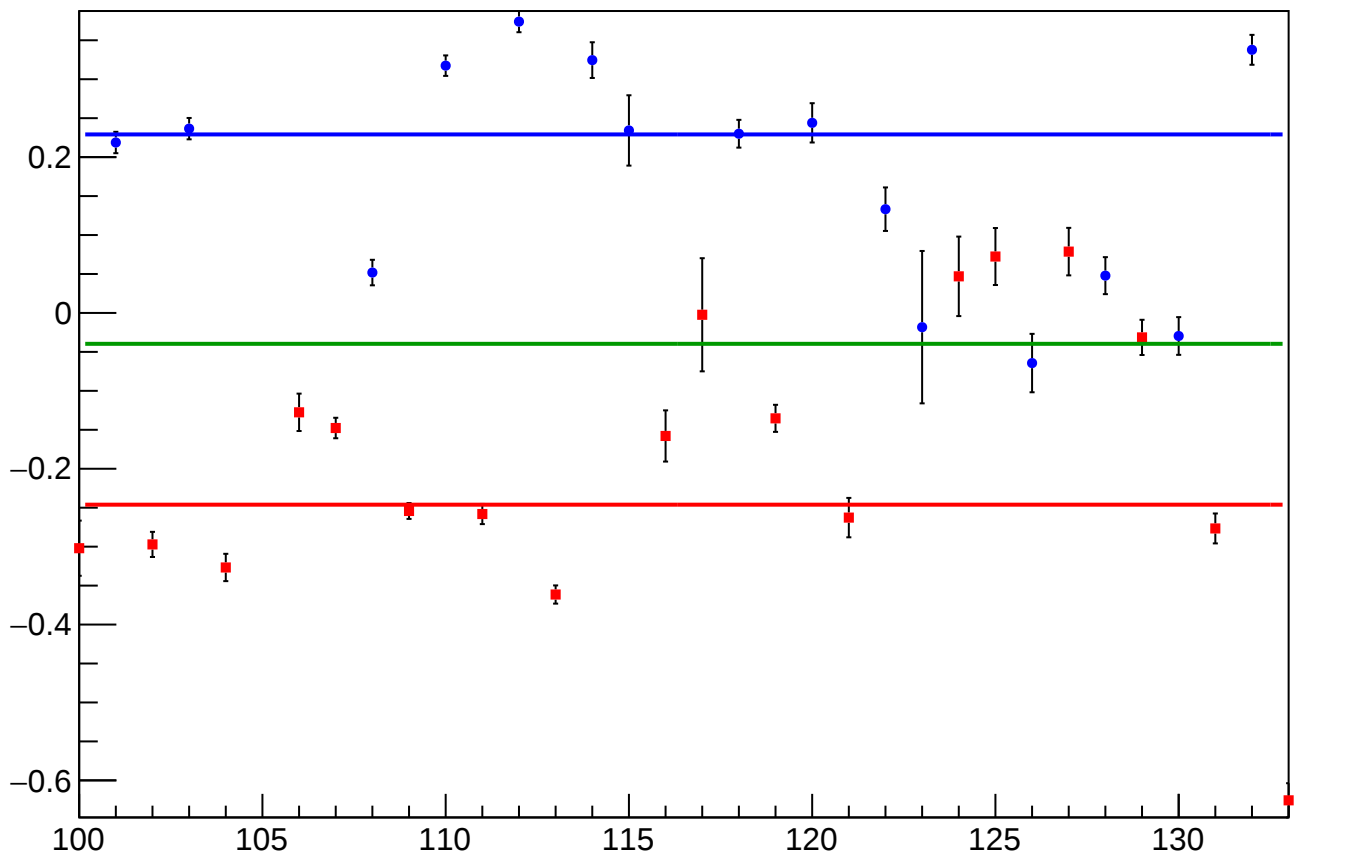
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.110 ± 0.078 χ^2/NDF : 864.8/14

0.094 ± 0.053 χ^2/NDF : 3632.2/32

1.928 ± 0.072 χ^2/NDF : 1319.4/17

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: -0.246+/-0.004 χ^2/NDF : 885.8/17

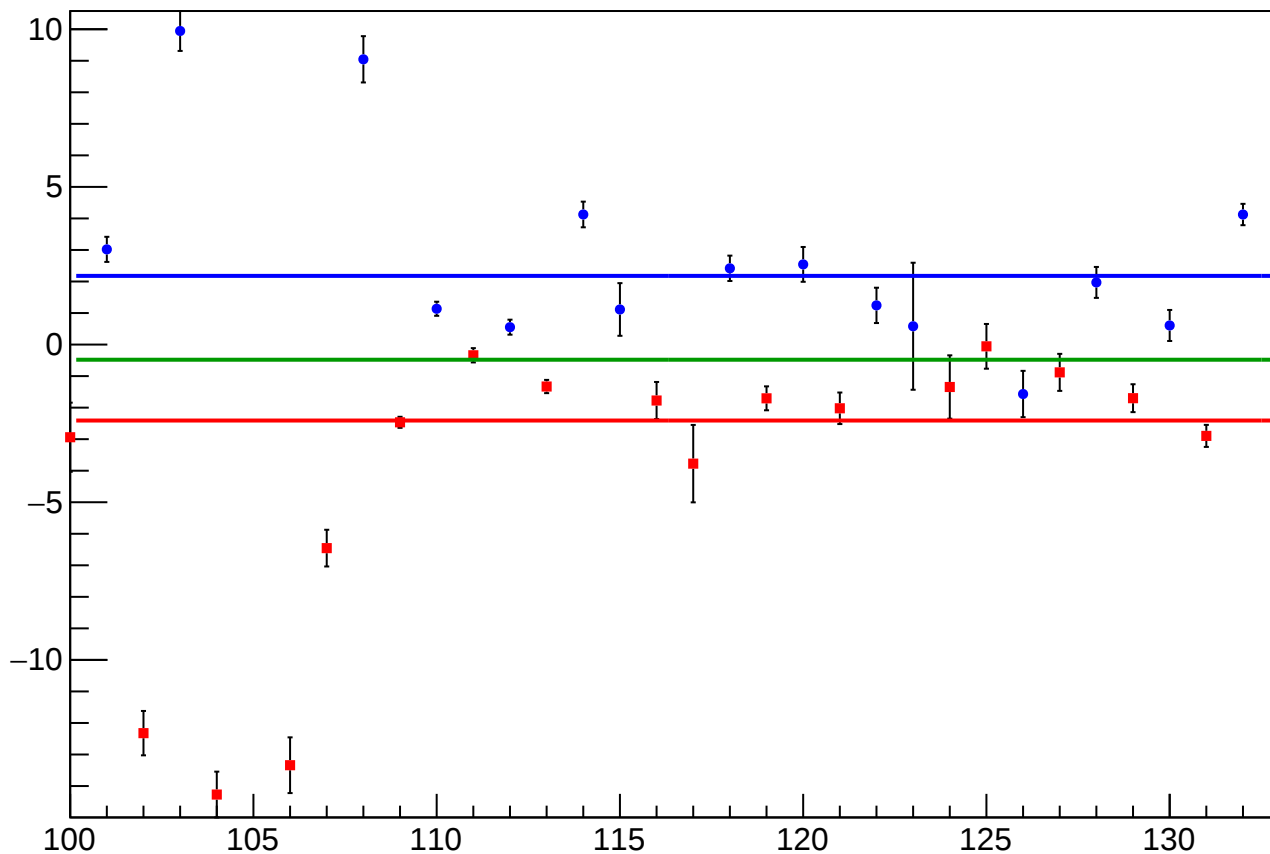
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.229+/-0.005 χ^2/NDF : 578.0/14

-0.040+/-0.003 χ^2/NDF : 6694.4/32

-0.246+/-0.004 χ^2/NDF : 885.8/17

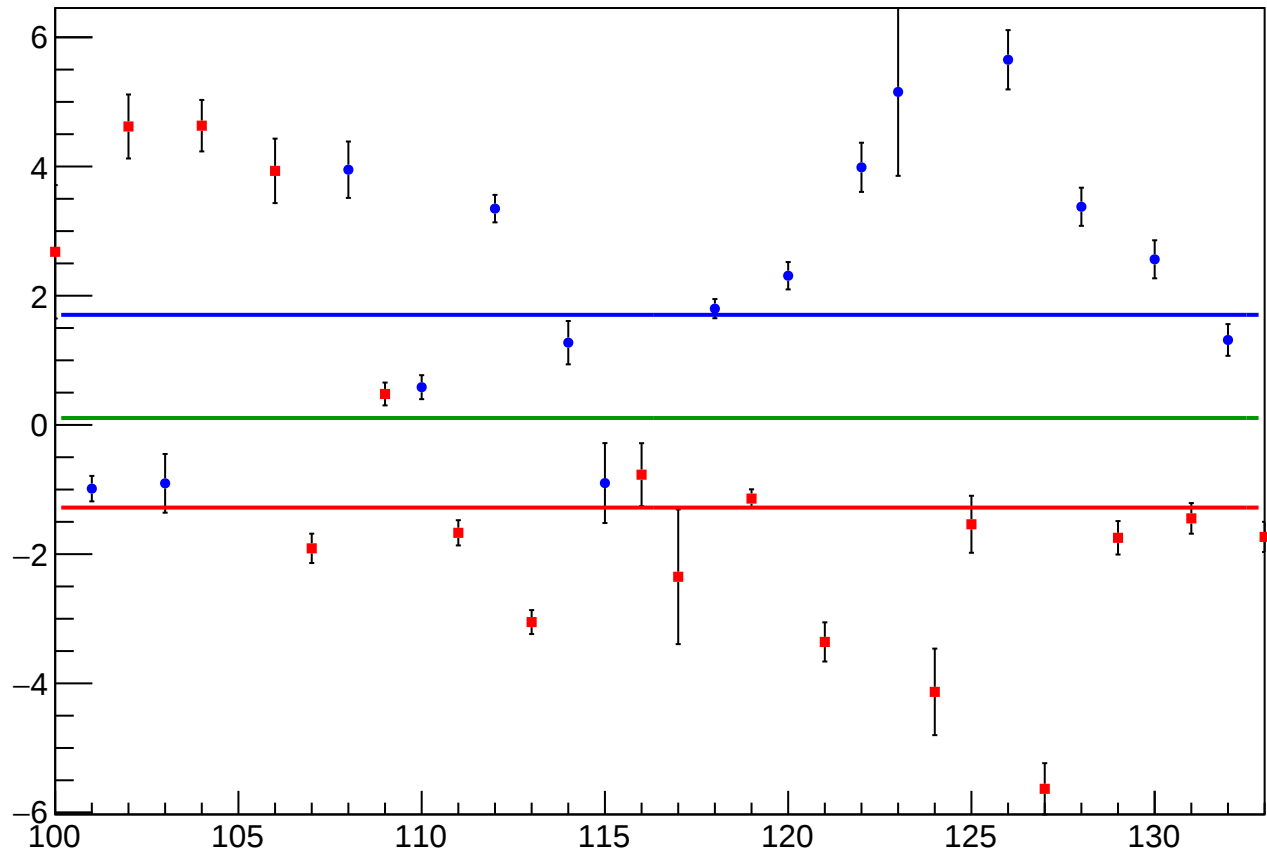
reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



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: -2.409 $\pm$ 0.091 χ^2/NDF : 842.9/17
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.178 $\pm$ 0.107 χ^2/NDF : 409.4/14
 -0.481 $\pm$ 0.069 χ^2/NDF : 2321.0/32
 -2.409 $\pm$ 0.091 χ^2/NDF : 842.9/17

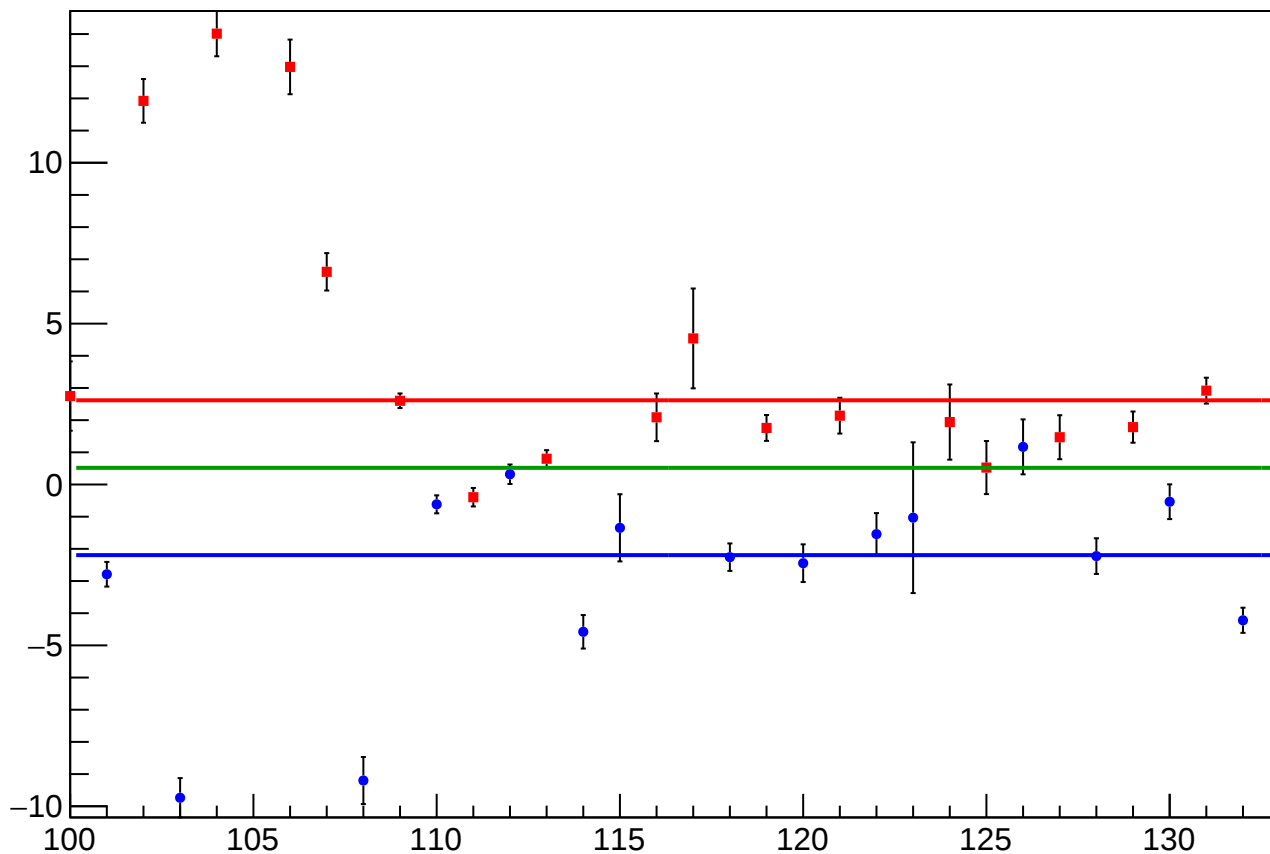
reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.279 $\pm$ 0.063 χ^2 /NDF: 884.3/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.704 $\pm$ 0.068 χ^2 /NDF: 530.4/14
 0.107 $\pm$ 0.046 χ^2 /NDF: 2453.4/32
 -1.279 $\pm$ 0.063 χ^2 /NDF: 884.3/17

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.195 $\pm$ 0.124 χ^2 /NDF: 421.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.617 $\pm$ 0.109 χ^2 /NDF: 842.1/17

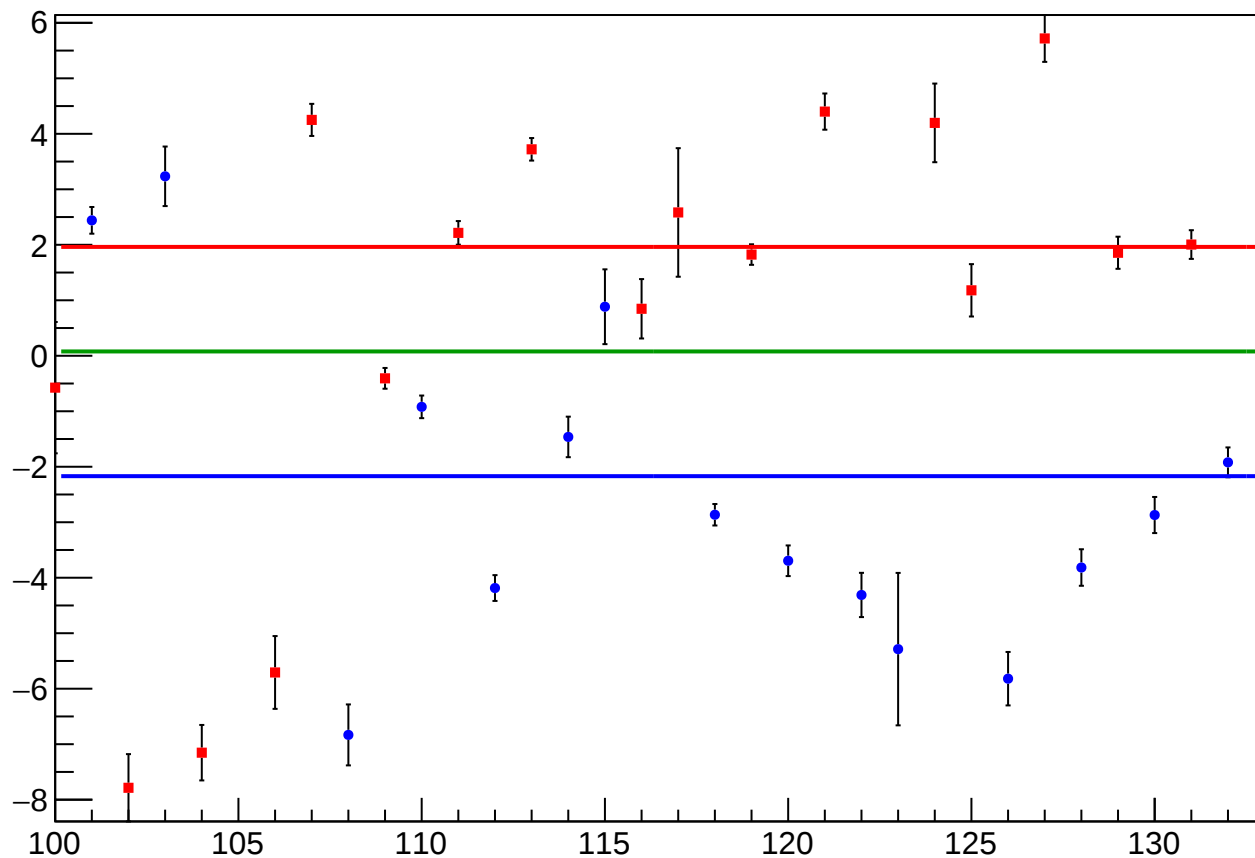
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2.195 $\pm$ 0.124 χ^2 /NDF: 421.6/14

0.518 $\pm$ 0.082 χ^2 /NDF: 2114.7/32

2.617 $\pm$ 0.109 χ^2 /NDF: 842.1/17

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: 1.962+/-0.072 χ^2/NDF : 1301.4/17

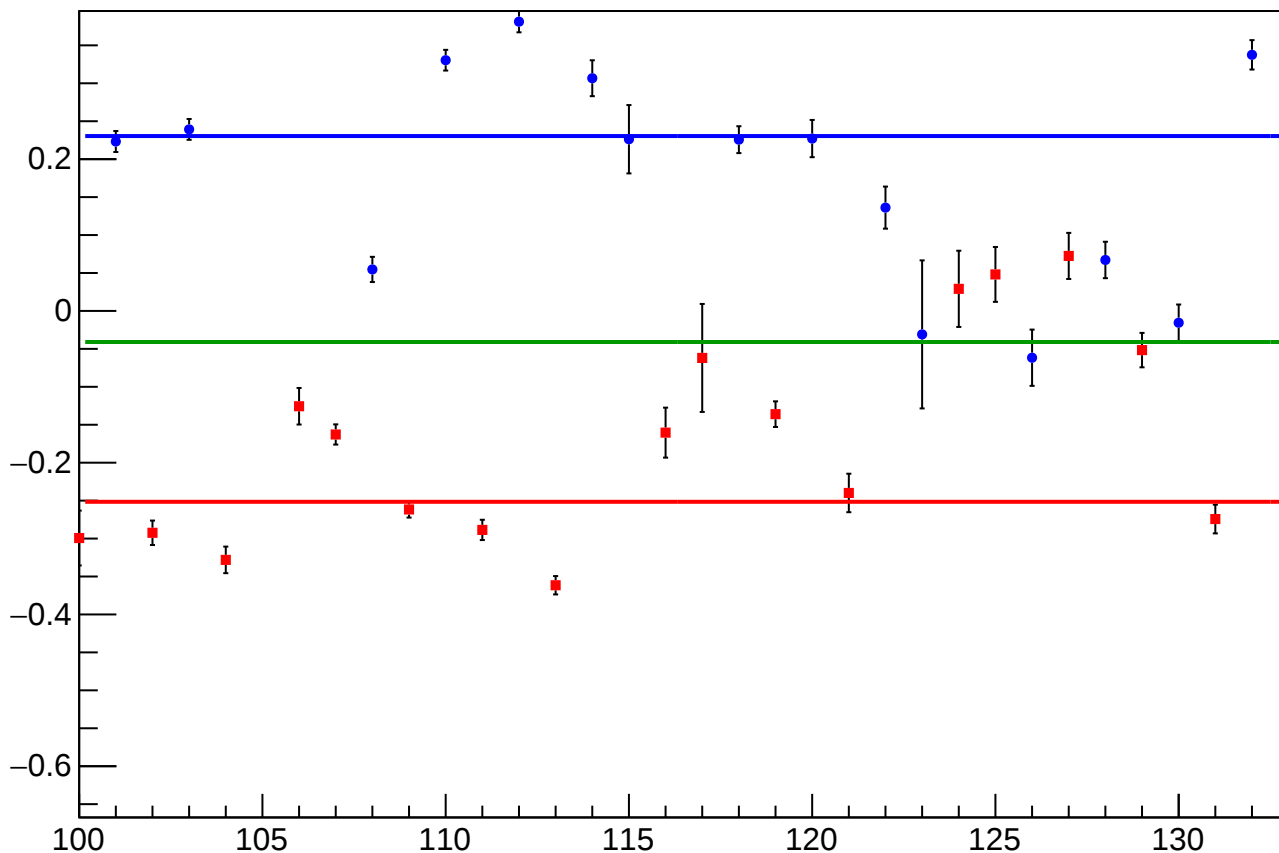
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.170+/-0.079 χ^2/NDF : 843.0/14

0.078+/-0.053 χ^2/NDF : 3628.5/32

1.962+/-0.072 χ^2/NDF : 1301.4/17

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.230 $\pm$ 0.005 χ^2 /NDF: 554.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.252 $\pm$ 0.004 χ^2 /NDF: 855.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.230 $\pm$ 0.005 χ^2 /NDF: 554.9/14

-0.041 $\pm$ 0.003 χ^2 /NDF: 6645.3/32

-0.252 $\pm$ 0.004 χ^2 /NDF: 855.1/17