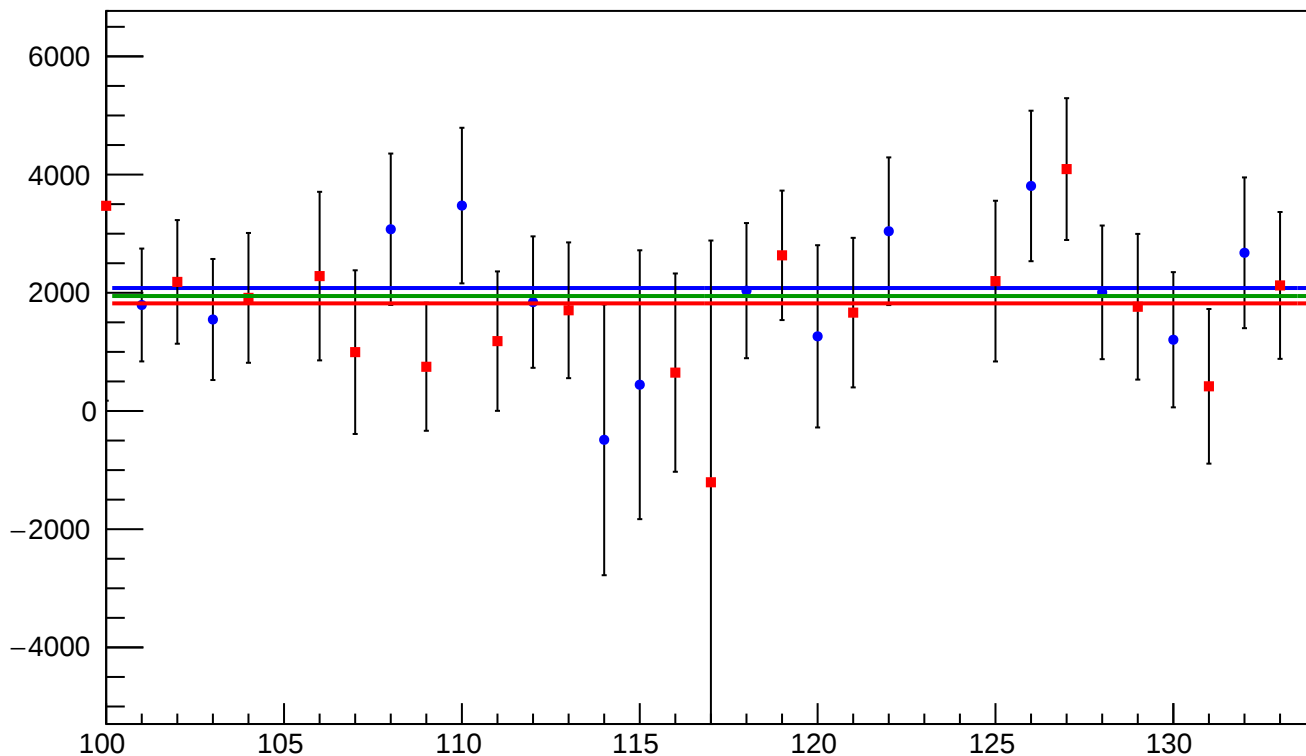


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2080.597+/-327.408 χ^2/NDF : 8.4/14

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

Right Out: 1820.850+/-313.460 χ^2/NDF : 8.6/16

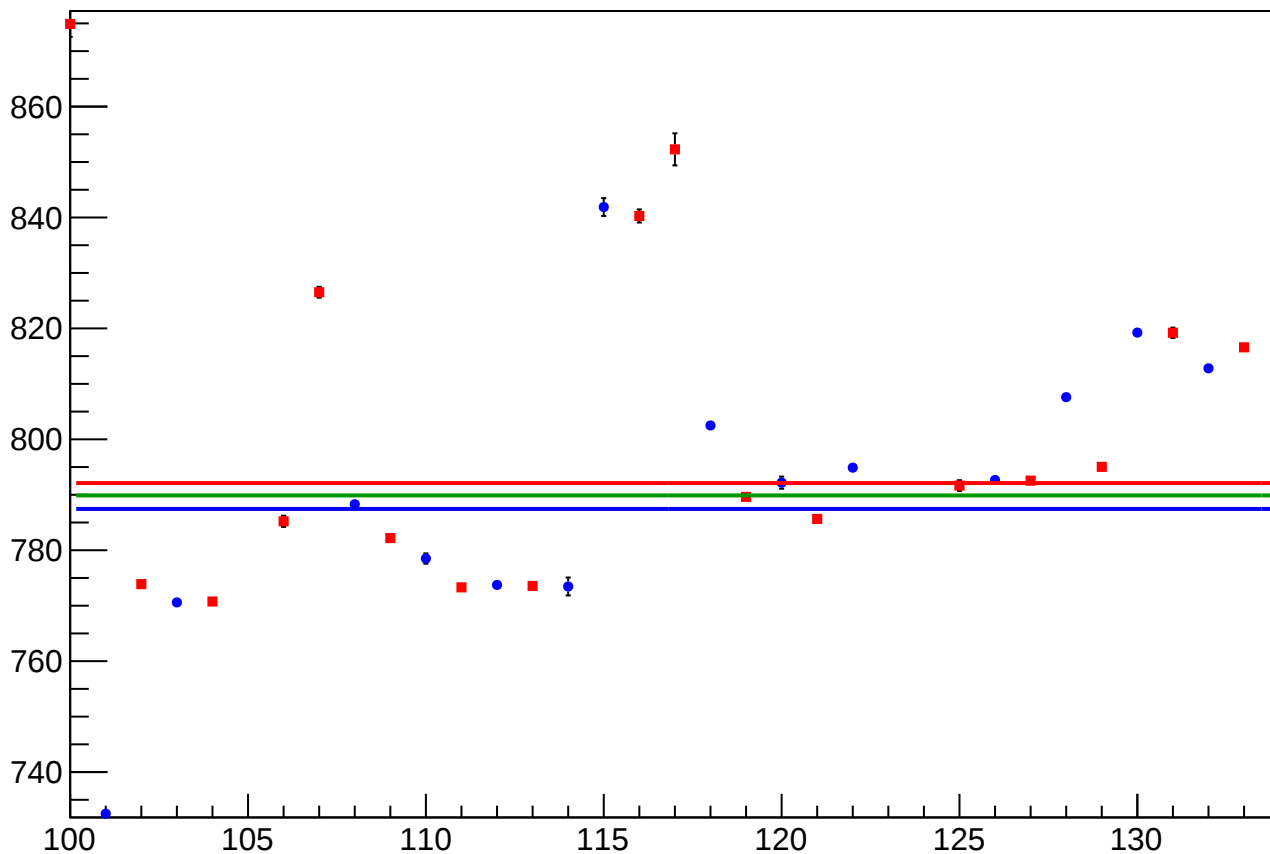
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2080.597+/-327.408 χ^2/NDF : 8.4/14

1945.073+/-226.420 χ^2/NDF : 17.3/31

1820.850+/-313.460 χ^2/NDF : 8.6/16

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 787.449+/-0.232 χ^2/NDF : 12572.8/14

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

Right Out: 792.118+/-0.222 χ^2/NDF : 8893.8/16

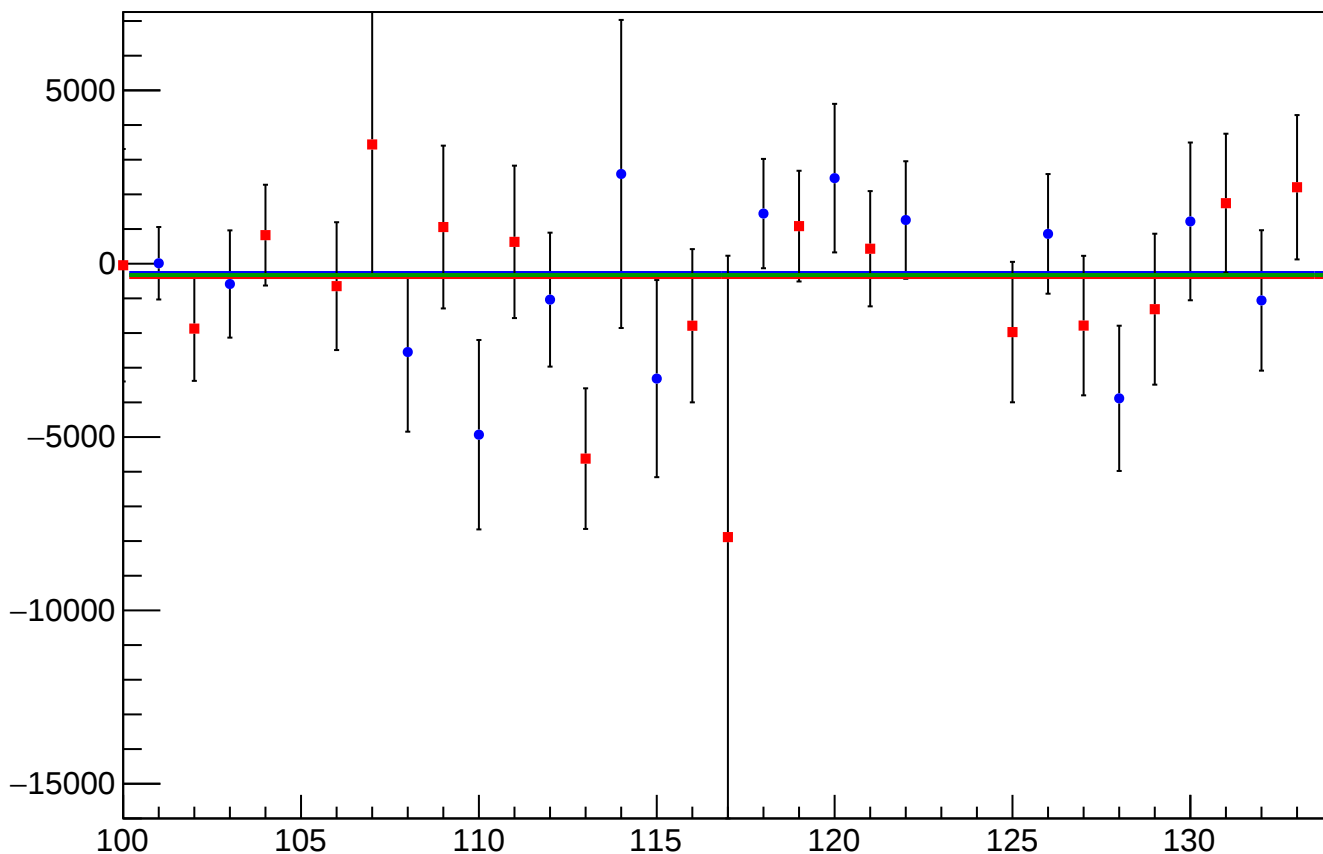
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

787.449+/-0.232 χ^2/NDF : 12572.8/14

789.885+/-0.160 χ^2/NDF : 21678.7/31

792.118+/-0.222 χ^2/NDF : 8893.8/16

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -268.724+/-490.089 χ^2 /NDF: 13.5/14

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

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

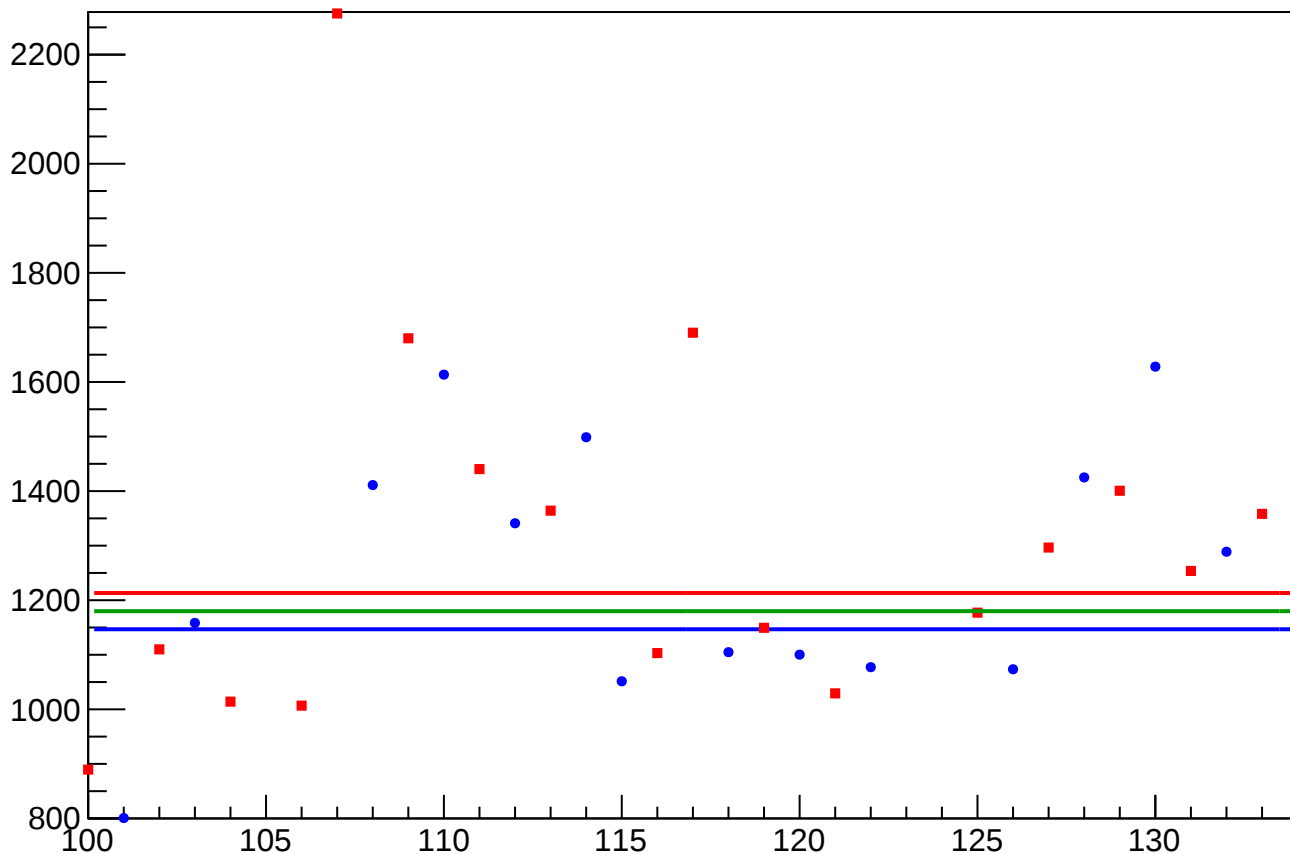
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-268.724+/-490.089 χ^2 /NDF: 13.5/14

-326.515+/-346.775 χ^2 /NDF: 29.7/31

-384.459+/-490.739 χ^2 /NDF: 16.3/16

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1146.750 $\pm$ 0.347 χ^2 /NDF: 497352.1/14

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

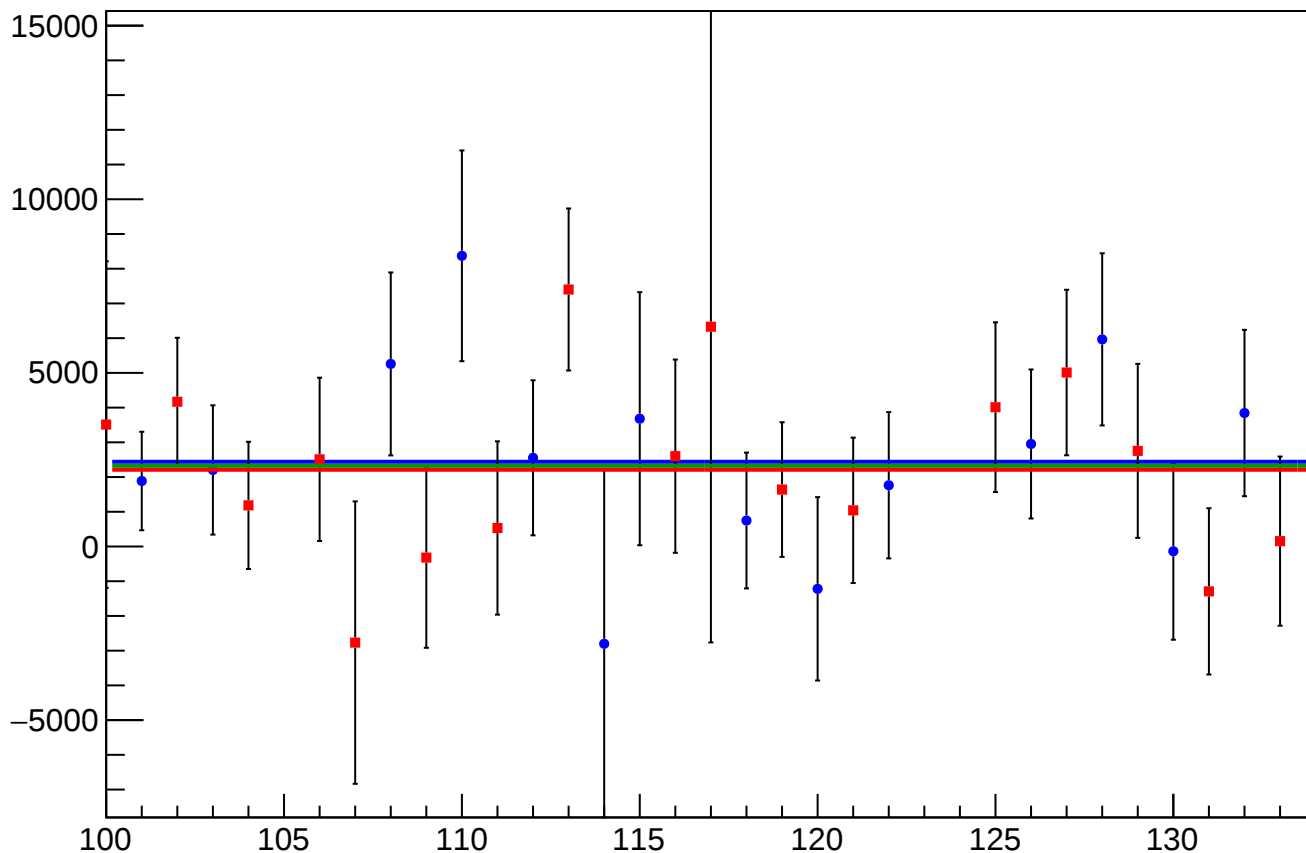
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1146.750 $\pm$ 0.347 χ^2 /NDF: 497352.1/14

1179.929 $\pm$ 0.245 χ^2 /NDF: 941459.3/31

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

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2440.303+/-601.528 χ^2/NDF : 12.6/14

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

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

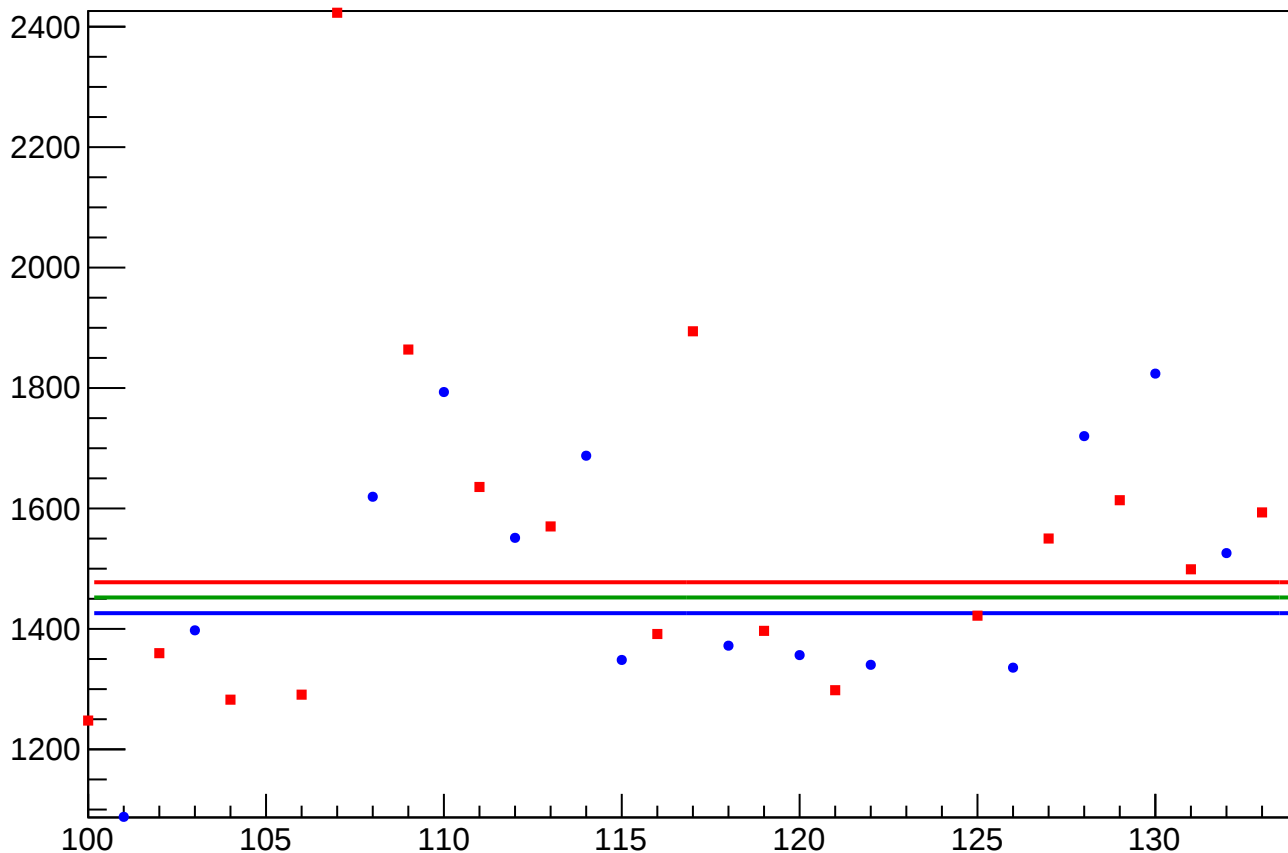
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2440.303+/-601.528 χ^2/NDF : 12.6/14

2323.269+/-421.957 χ^2/NDF : 27.5/31

2209.891+/-592.059 χ^2/NDF : 14.8/16

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1426.116 $\pm$ 0.425 χ^2 /NDF: 263779.5/14

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

Right Out: 1477.457 $\pm$ 0.419 χ^2 /NDF: 249575.2/16

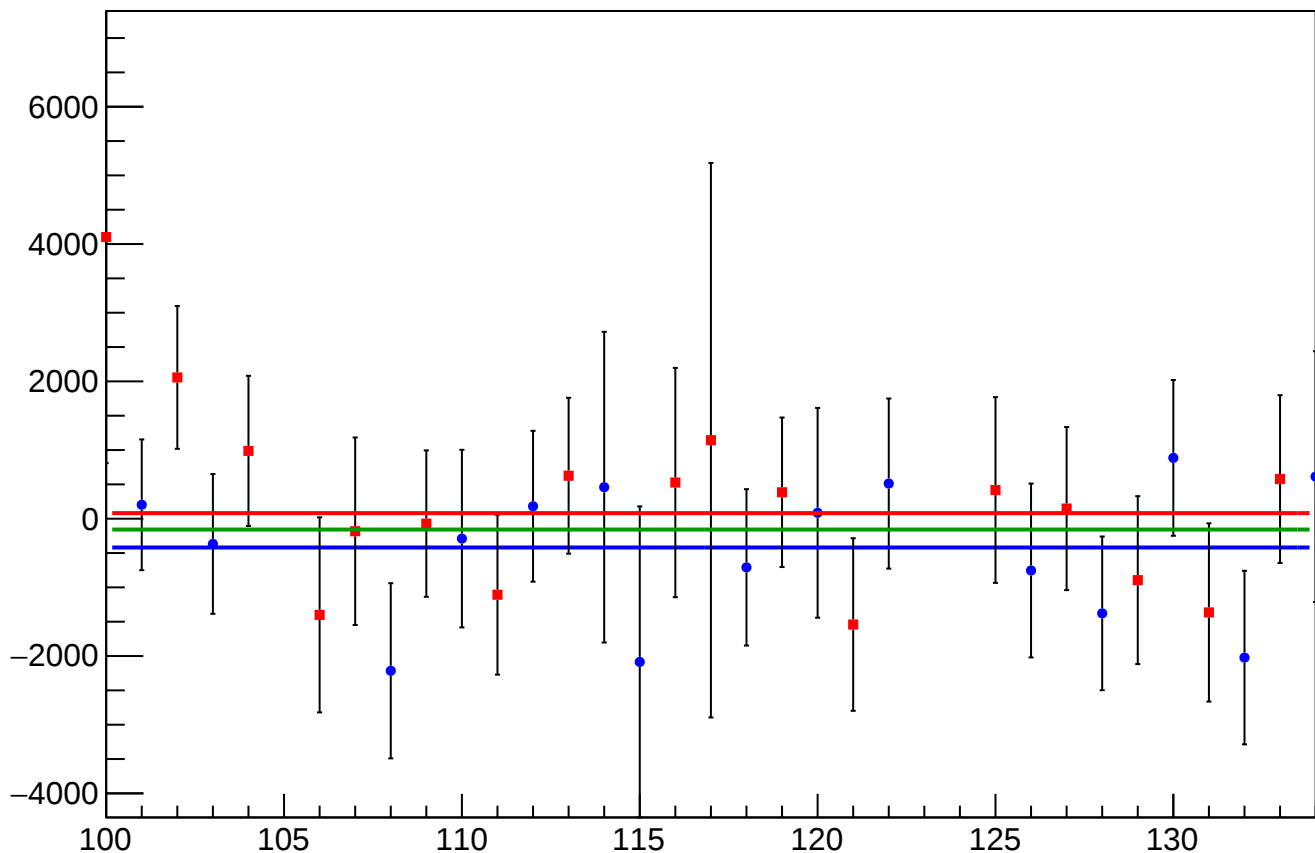
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1426.116 $\pm$ 0.425 χ^2 /NDF: 263779.5/14

1452.193 $\pm$ 0.298 χ^2 /NDF: 520755.2/31

1477.457 $\pm$ 0.419 χ^2 /NDF: 249575.2/16

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -419.245+/-324.850 χ^2/NDF : 8.2/14

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

Right Out: 81.313+/-310.643 χ^2/NDF : 12.2/16

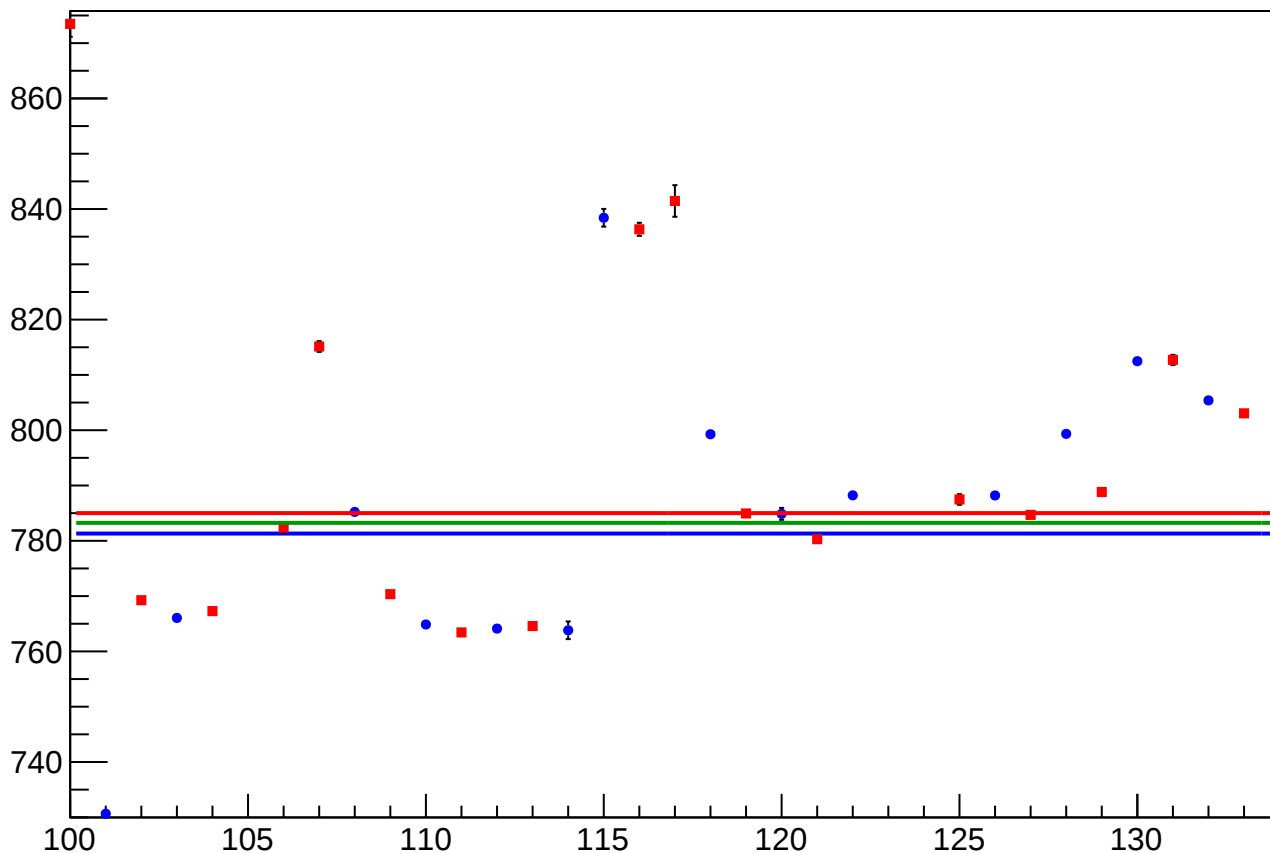
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-419.245+/-324.850 χ^2/NDF : 8.2/14

-157.782+/-224.512 χ^2/NDF : 21.6/31

81.313+/-310.643 χ^2/NDF : 12.2/16

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 781.312 $\pm$ 0.230 χ^2/NDF : 12021.1/14

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

Right Out: 785.011 $\pm$ 0.220 χ^2/NDF : 8803.5/16

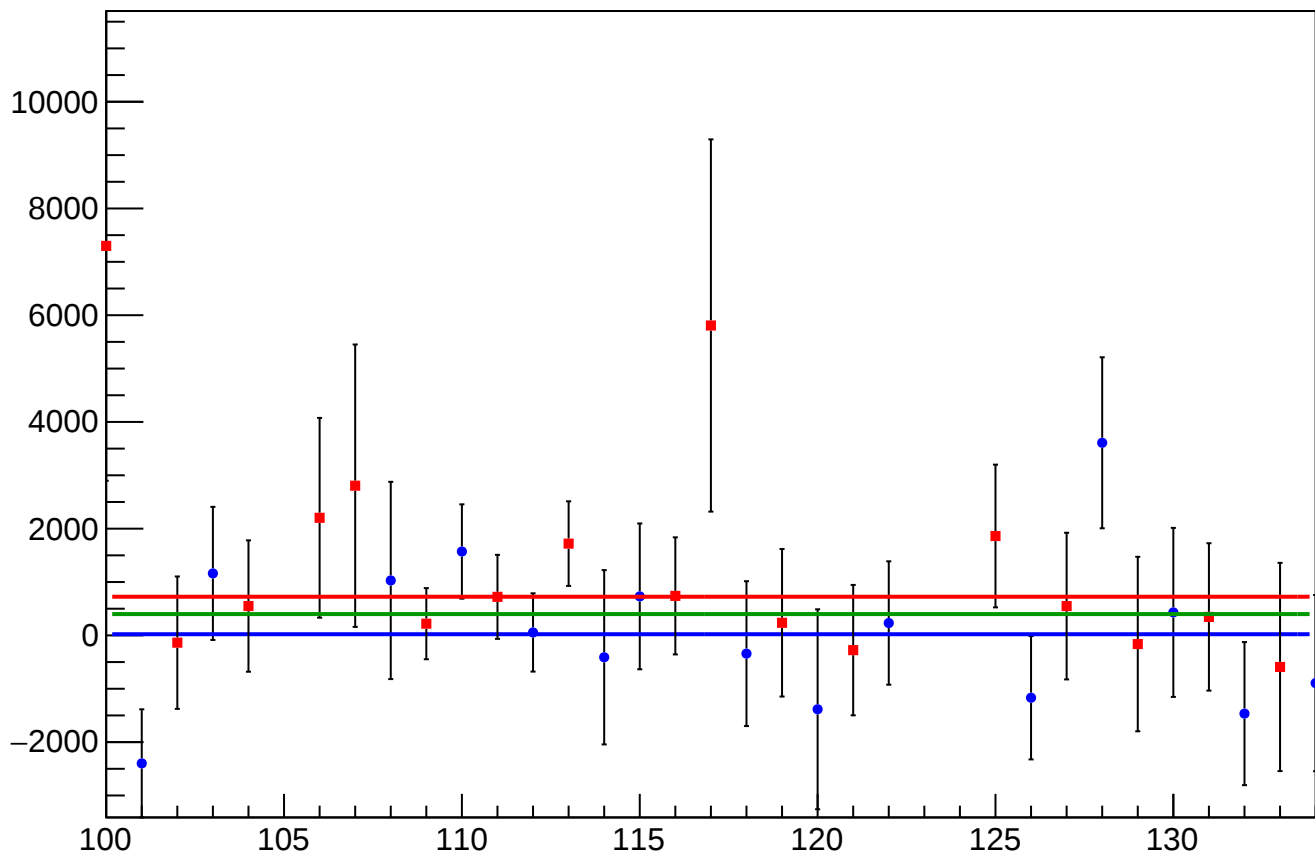
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

781.312 $\pm$ 0.230 χ^2/NDF : 12021.1/14

783.244 $\pm$ 0.159 χ^2/NDF : 20960.0/31

785.011 $\pm$ 0.220 χ^2/NDF : 8803.5/16

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 21.848+/-316.292 χ^2/NDF : 18.6/14

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

Right Out: 724.479+/-293.576 χ^2/NDF : 10.6/16

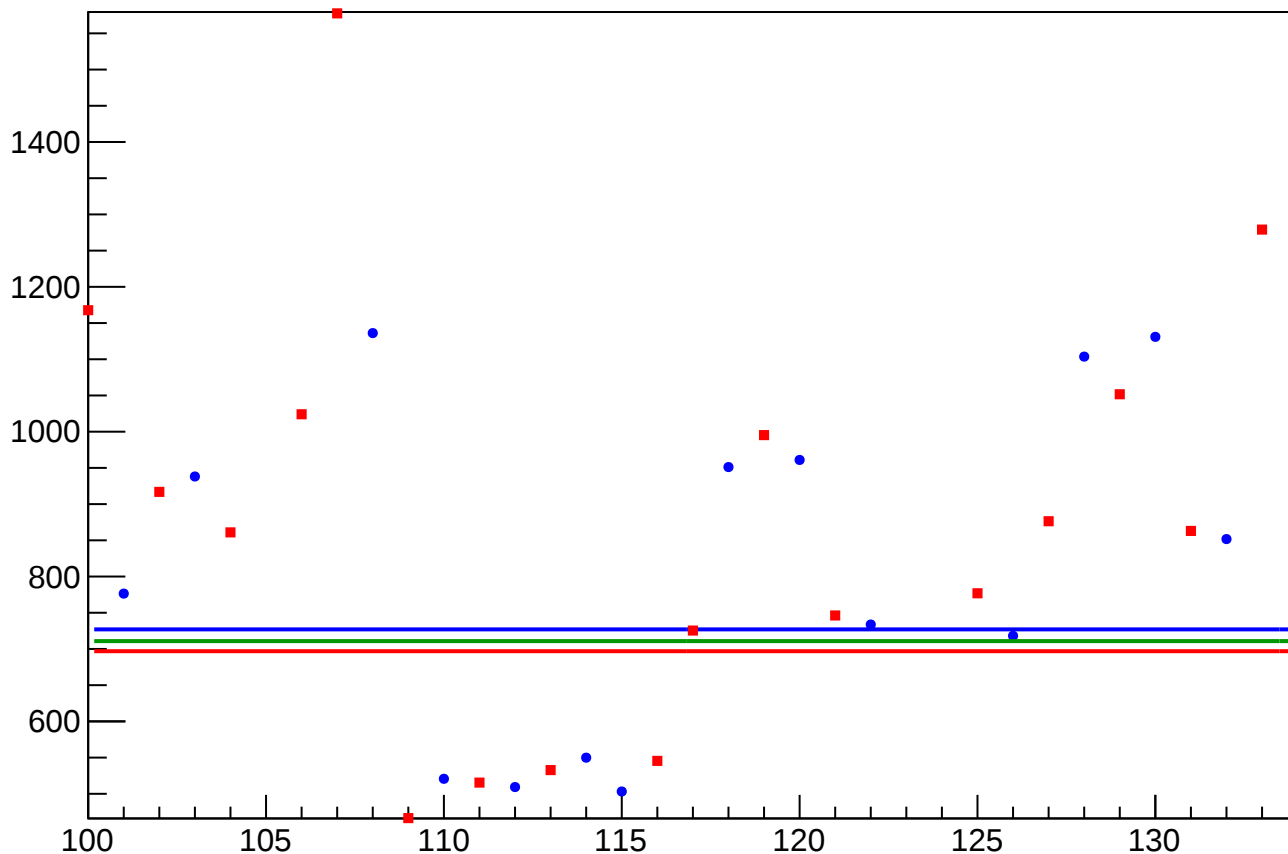
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.848+/-316.292 χ^2/NDF : 18.6/14

399.298+/-215.172 χ^2/NDF : 31.9/31

724.479+/-293.576 χ^2/NDF : 10.6/16

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 727.033+/-0.224 χ^2/NDF : 867108.4/14

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

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

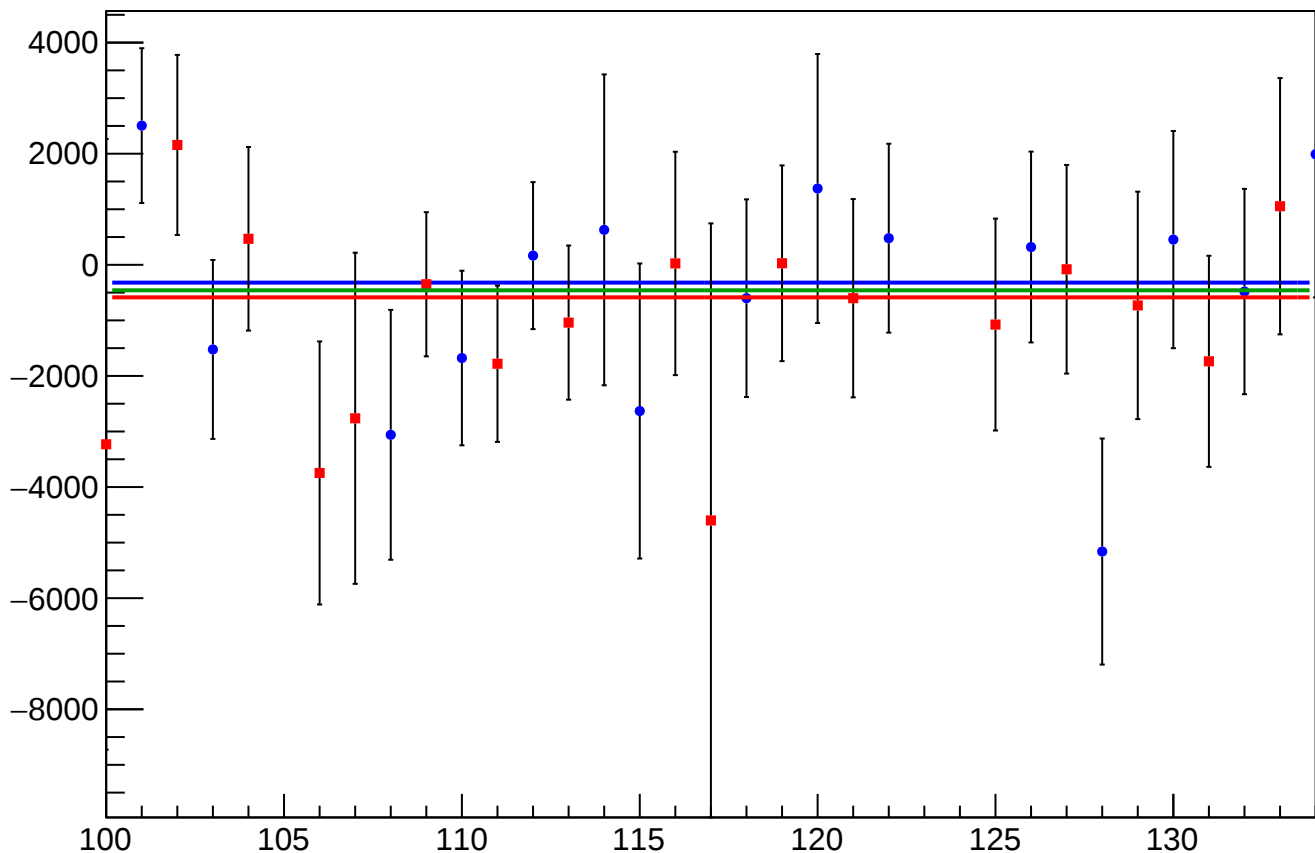
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

727.033+/-0.224 χ^2/NDF : 867108.4/14

710.844+/-0.152 χ^2/NDF : 2189118.0/31

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

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -320.300+/-473.331 χ^2/NDF : 15.4/14

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

Right Out: -585.372+/-453.099 χ^2/NDF : 8.5/16

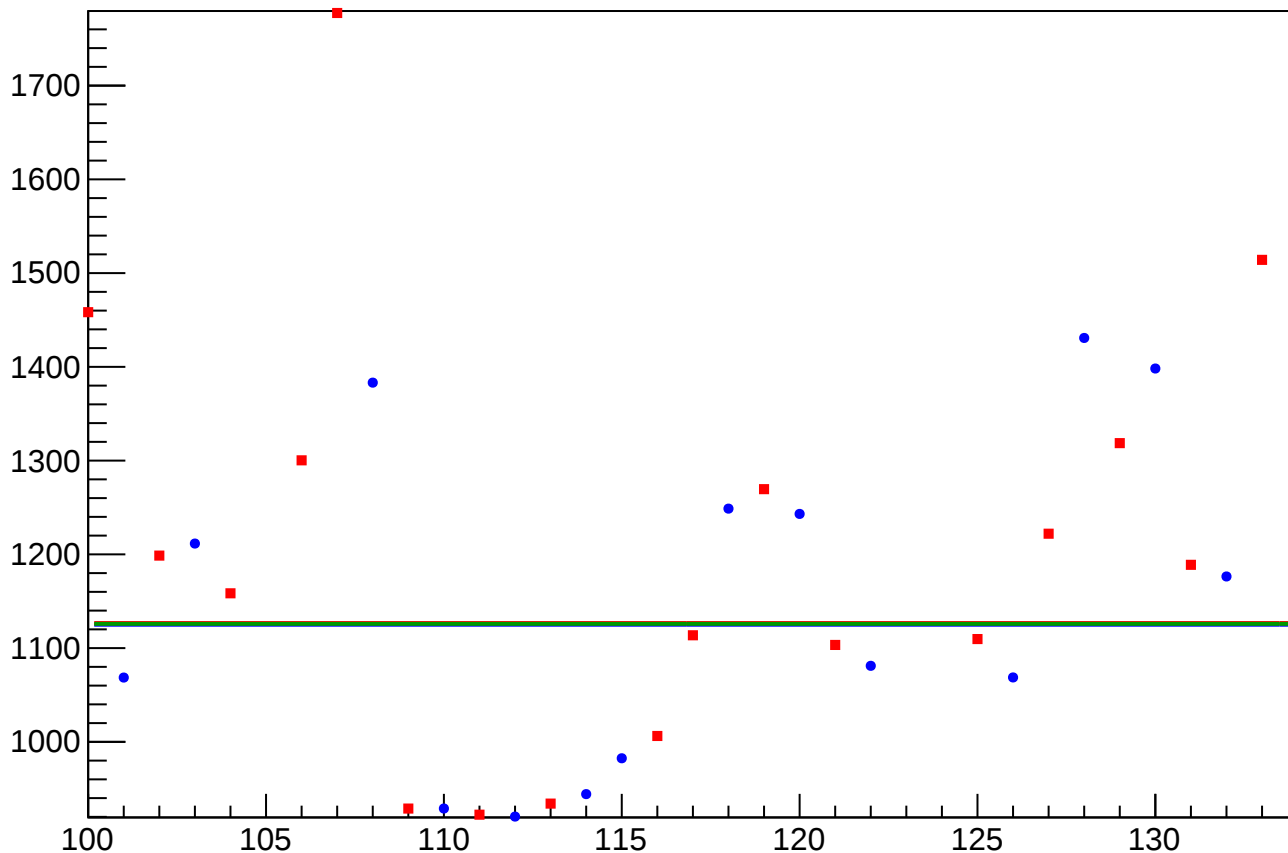
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-320.300+/-473.331 χ^2/NDF : 15.4/14

-458.622+/-327.308 χ^2/NDF : 24.1/31

-585.372+/-453.099 χ^2/NDF : 8.5/16

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1124.972+/-0.335 χ^2/NDF : 232347.2/14

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

Right Out: 1126.720+/-0.320 χ^2/NDF : 347464.5/16

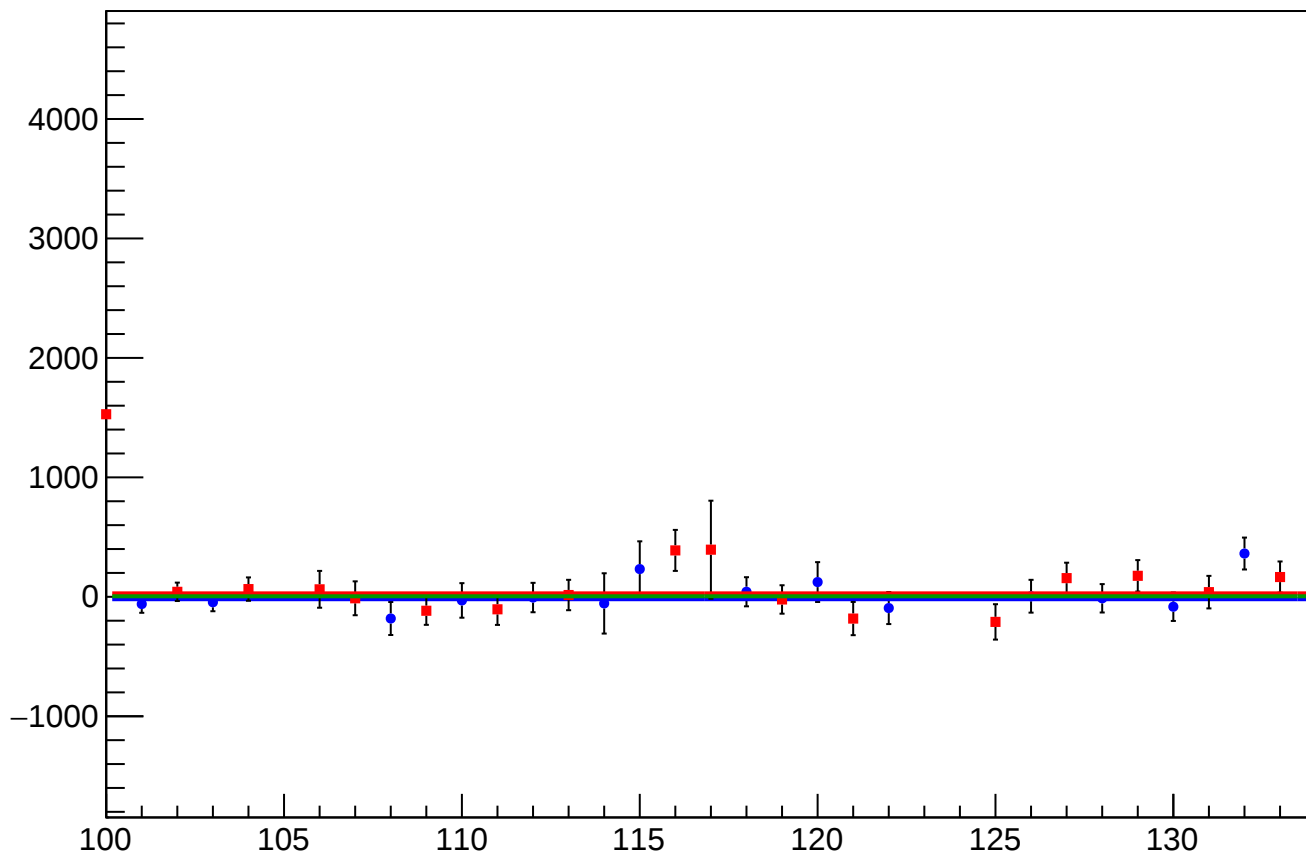
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1124.972+/-0.335 χ^2/NDF : 232347.2/14

1125.884+/-0.231 χ^2/NDF : 579825.9/31

1126.720+/-0.320 χ^2/NDF : 347464.5/16

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -20.087 ± 31.666 χ^2/NDF : 15.5/14

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

Right Out: 28.921 ± 31.695 χ^2/NDF : 16.7/16

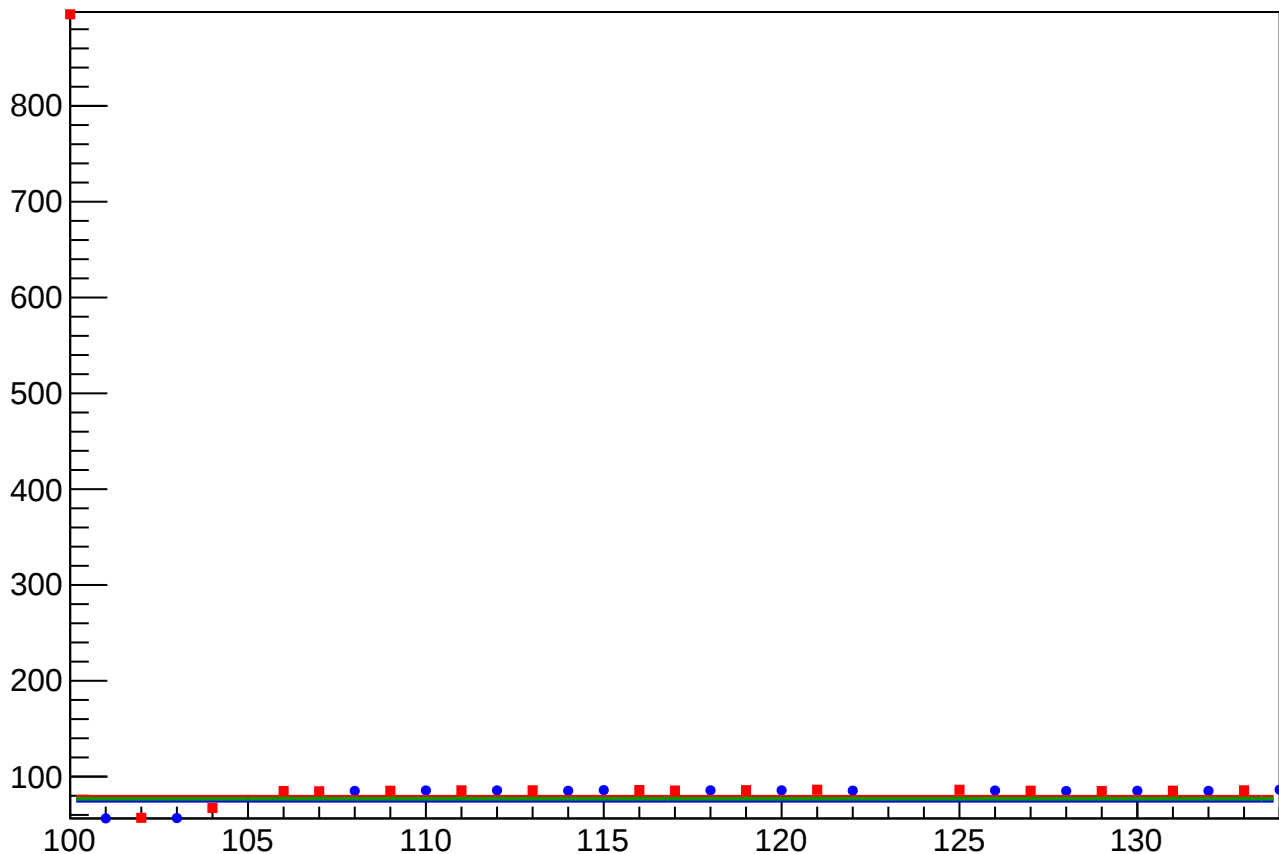
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-20.087 ± 31.666 χ^2/NDF : 15.5/14

4.395 ± 22.402 χ^2/NDF : 33.4/31

28.921 ± 31.695 χ^2/NDF : 16.7/16

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 74.940 $\pm$ 0.022 χ^2 /NDF: 384085.3/14

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

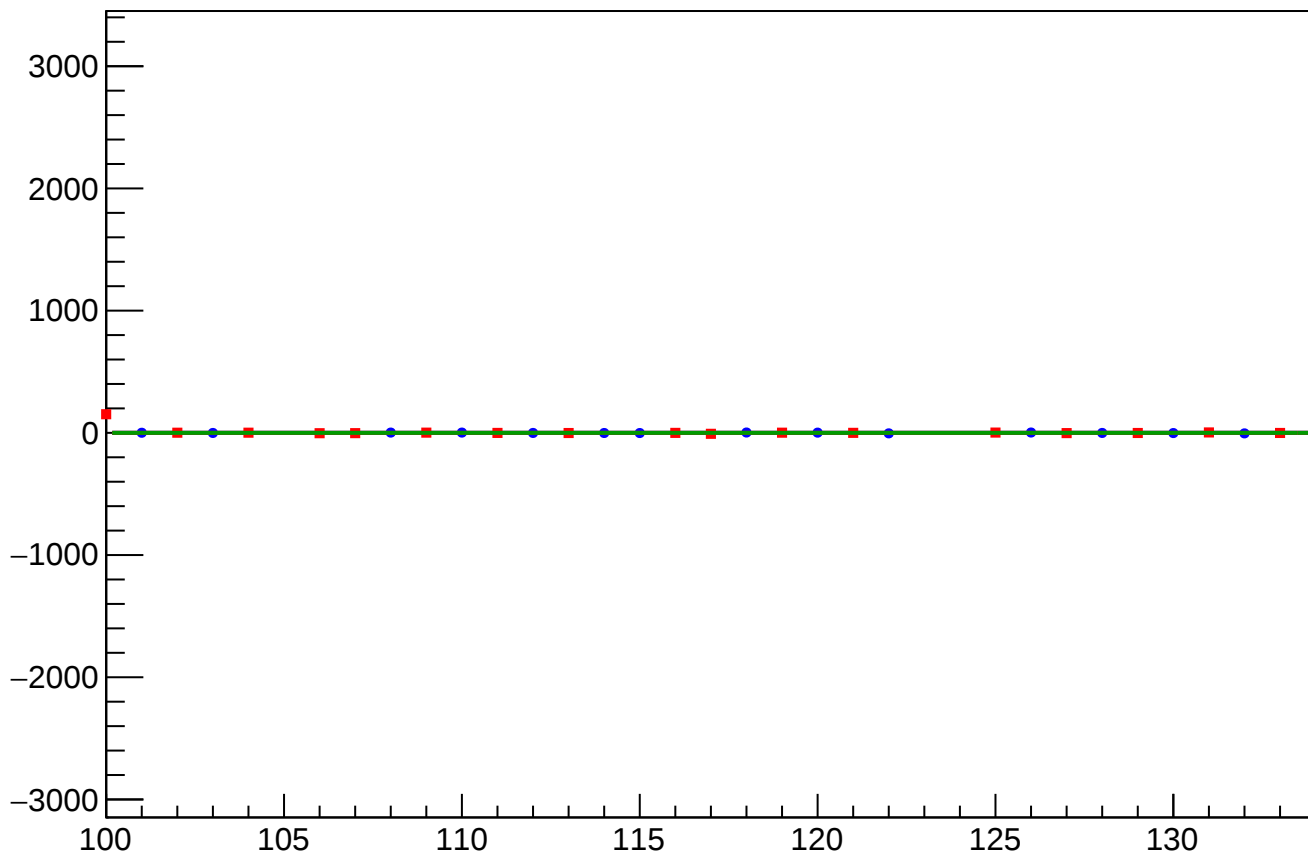
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.940 $\pm$ 0.022 χ^2 /NDF: 384085.3/14

76.884 $\pm$ 0.016 χ^2 /NDF: 769628.0/31

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

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.527 χ^2 /NDF: 17.3/14

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

Right Out: 0.043 $\pm$ 0.544 χ^2 /NDF: 9.8/16

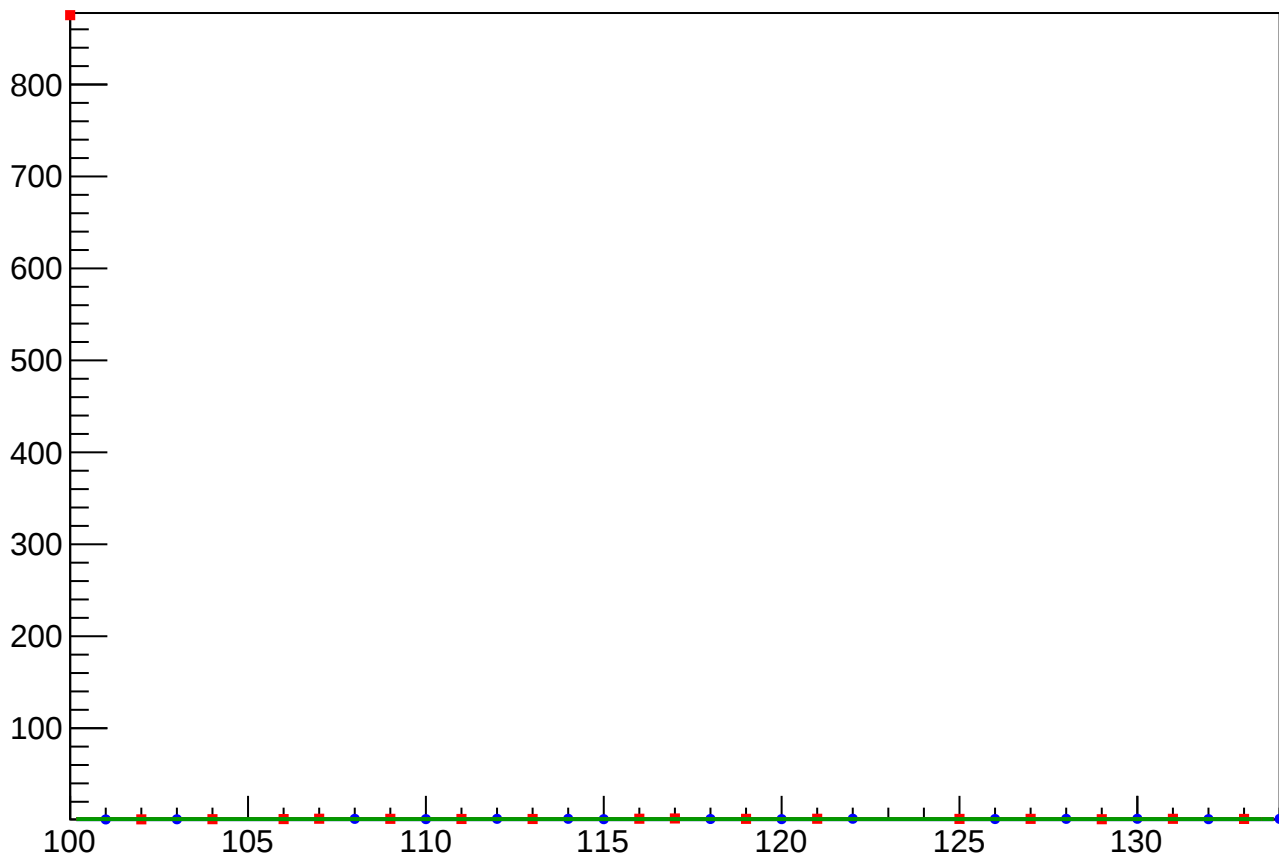
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.045 $\pm$ 0.527 χ^2 /NDF: 17.3/14

0.044 $\pm$ 0.379 χ^2 /NDF: 27.0/31

0.043 $\pm$ 0.544 χ^2 /NDF: 9.8/16

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.131+/-0.000 χ^2/NDF : 481644.8/14

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

Right Out: 1.245+/-0.000 χ^2/NDF : 480311.4/16

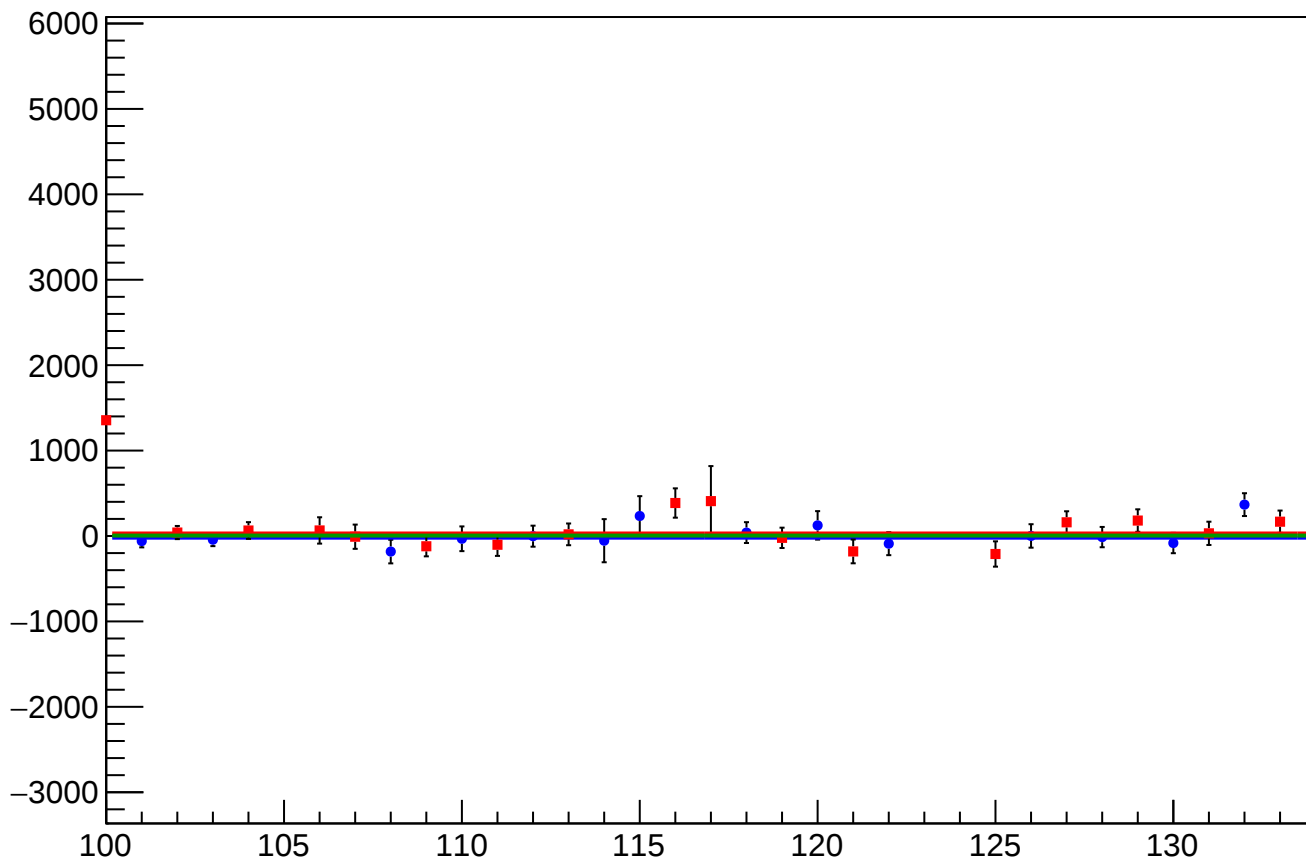
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.131+/-0.000 χ^2/NDF : 481644.8/14

1.186+/-0.000 χ^2/NDF : 1006870.5/31

1.245+/-0.000 χ^2/NDF : 480311.4/16

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -19.483+/-31.675 χ^2/NDF : 15.8/14

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

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

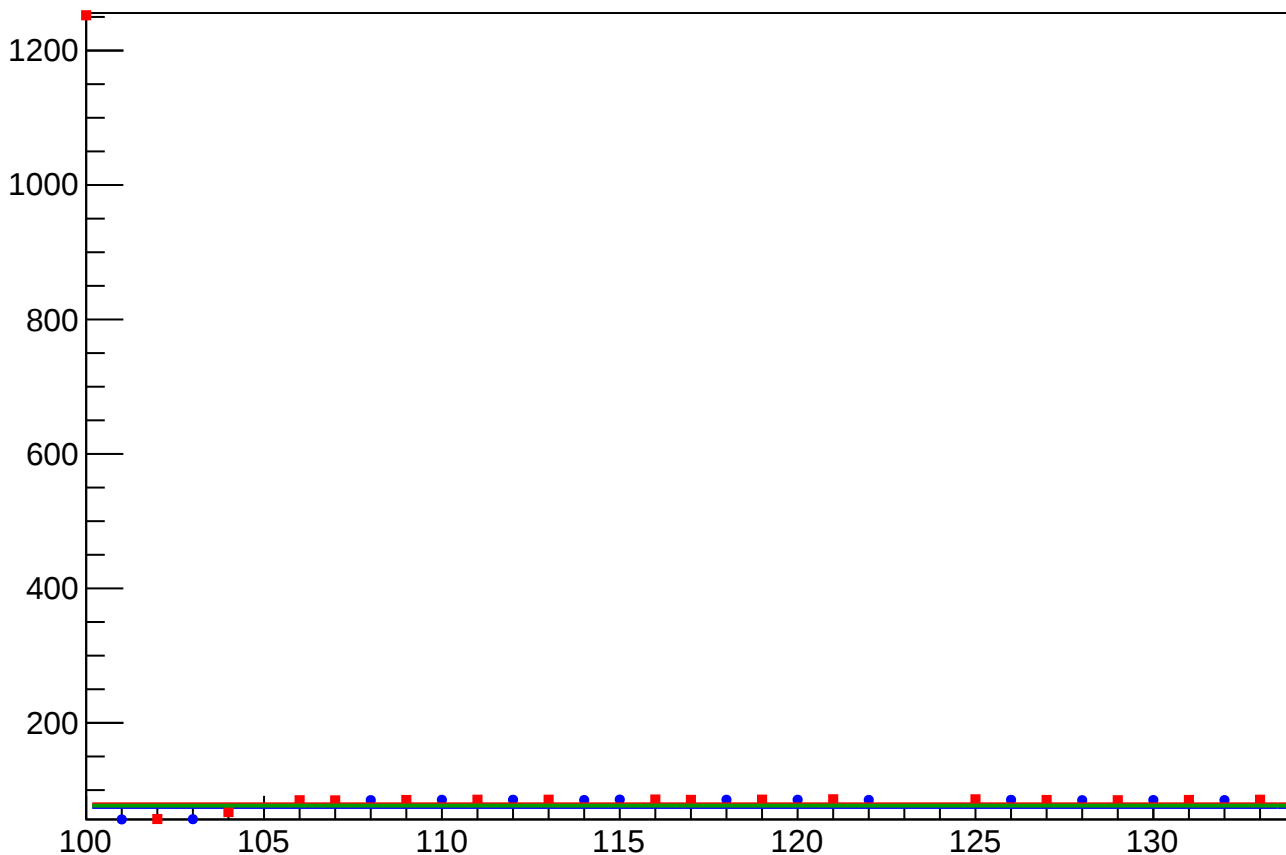
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-19.483+/-31.675 χ^2/NDF : 15.8/14

4.880+/-22.408 χ^2/NDF : 33.7/31

29.288+/-31.704 χ^2/NDF : 16.7/16

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 74.959 $\pm$ 0.022 χ^2 /NDF: 384114.8/14

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

Right Out: 78.832 $\pm$ 0.022 χ^2 /NDF: 376942.1/16

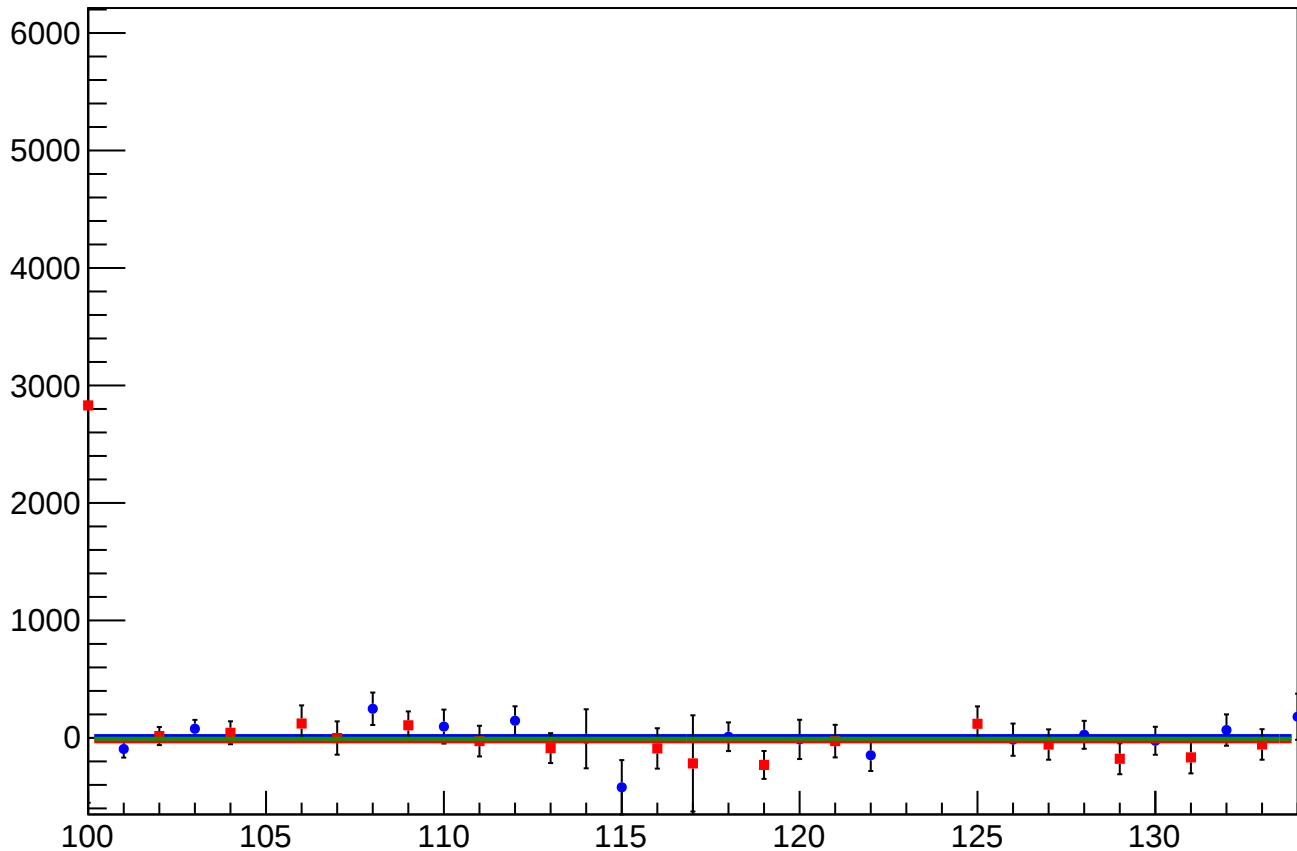
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.959 $\pm$ 0.022 χ^2 /NDF: 384114.8/14

76.894 $\pm$ 0.016 χ^2 /NDF: 775994.2/31

78.832 $\pm$ 0.022 χ^2 /NDF: 376942.1/16

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 15.629+/-31.652 χ^2/NDF : 13.3/14

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

Right Out: -29.109+/-31.678 χ^2/NDF : 10.7/16

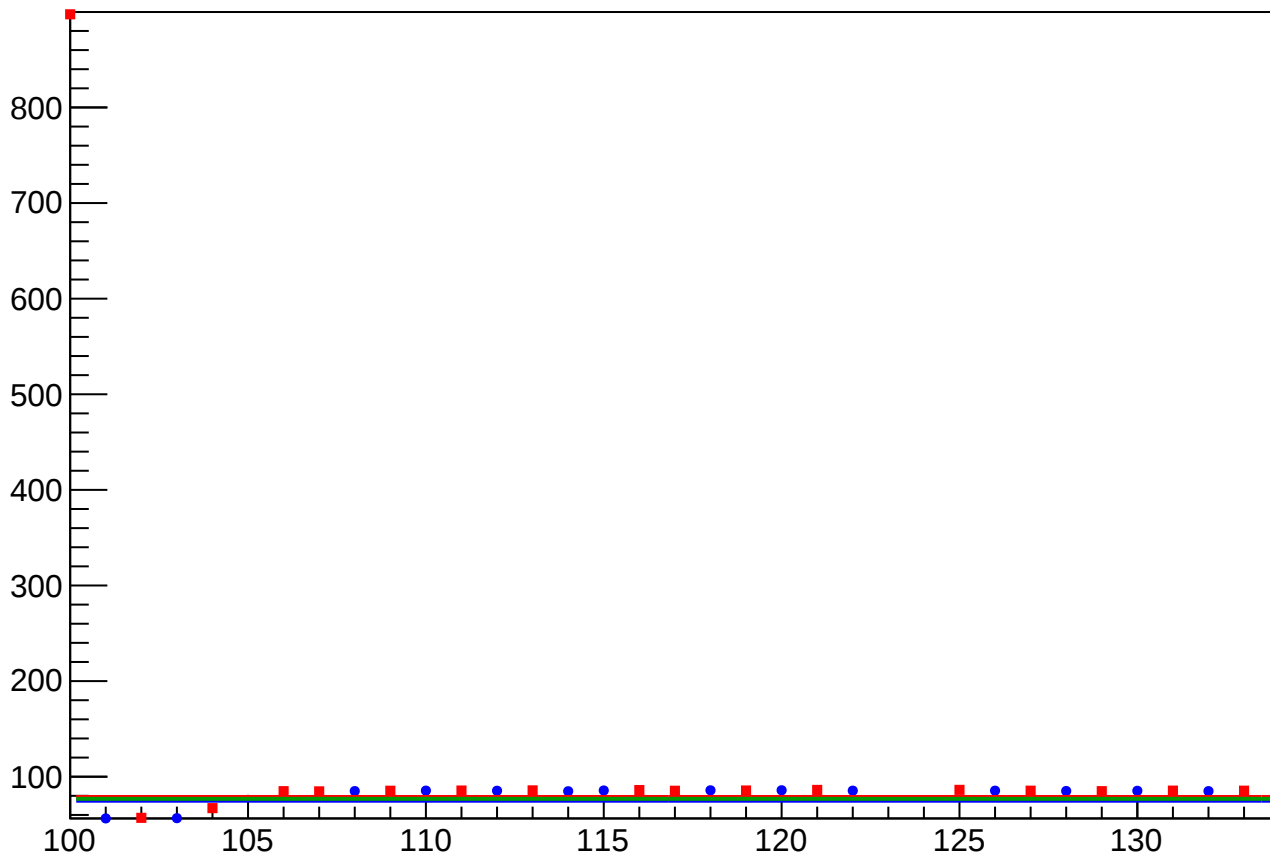
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.629+/-31.652 χ^2/NDF : 13.3/14

-6.722+/-22.391 χ^2/NDF : 25.0/31

-29.109+/-31.678 χ^2/NDF : 10.7/16

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 74.905 $\pm$ 0.022 χ^2 /NDF: 384435.7/14

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

Right Out: 78.789 $\pm$ 0.022 χ^2 /NDF: 370512.6/16

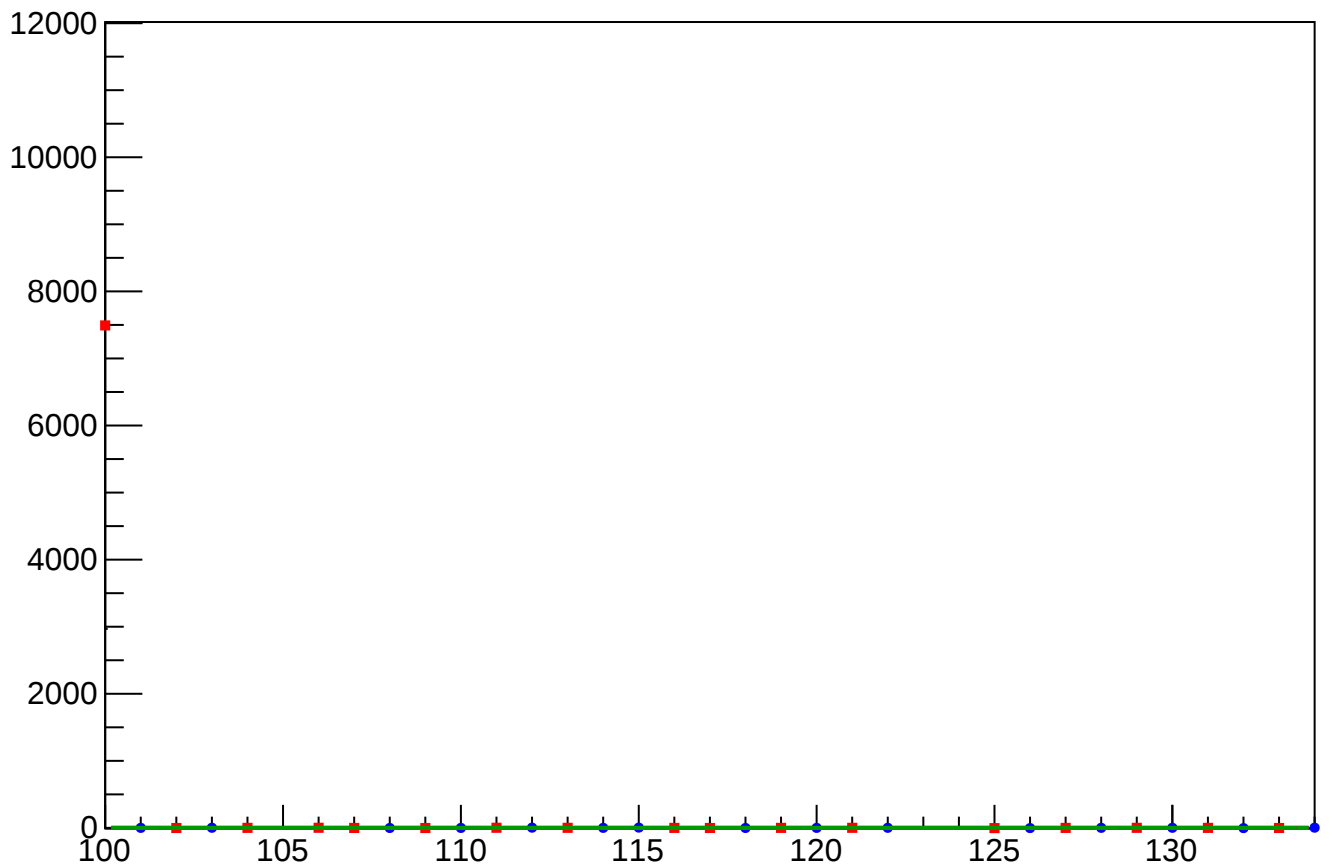
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.905 $\pm$ 0.022 χ^2 /NDF: 384435.7/14

76.846 $\pm$ 0.016 χ^2 /NDF: 769996.8/31

78.789 $\pm$ 0.022 χ^2 /NDF: 370512.6/16

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.979 $\pm$ 0.561 χ^2 /NDF: 11.8/14

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

Right Out: 0.089 $\pm$ 0.568 χ^2 /NDF: 9.9/16

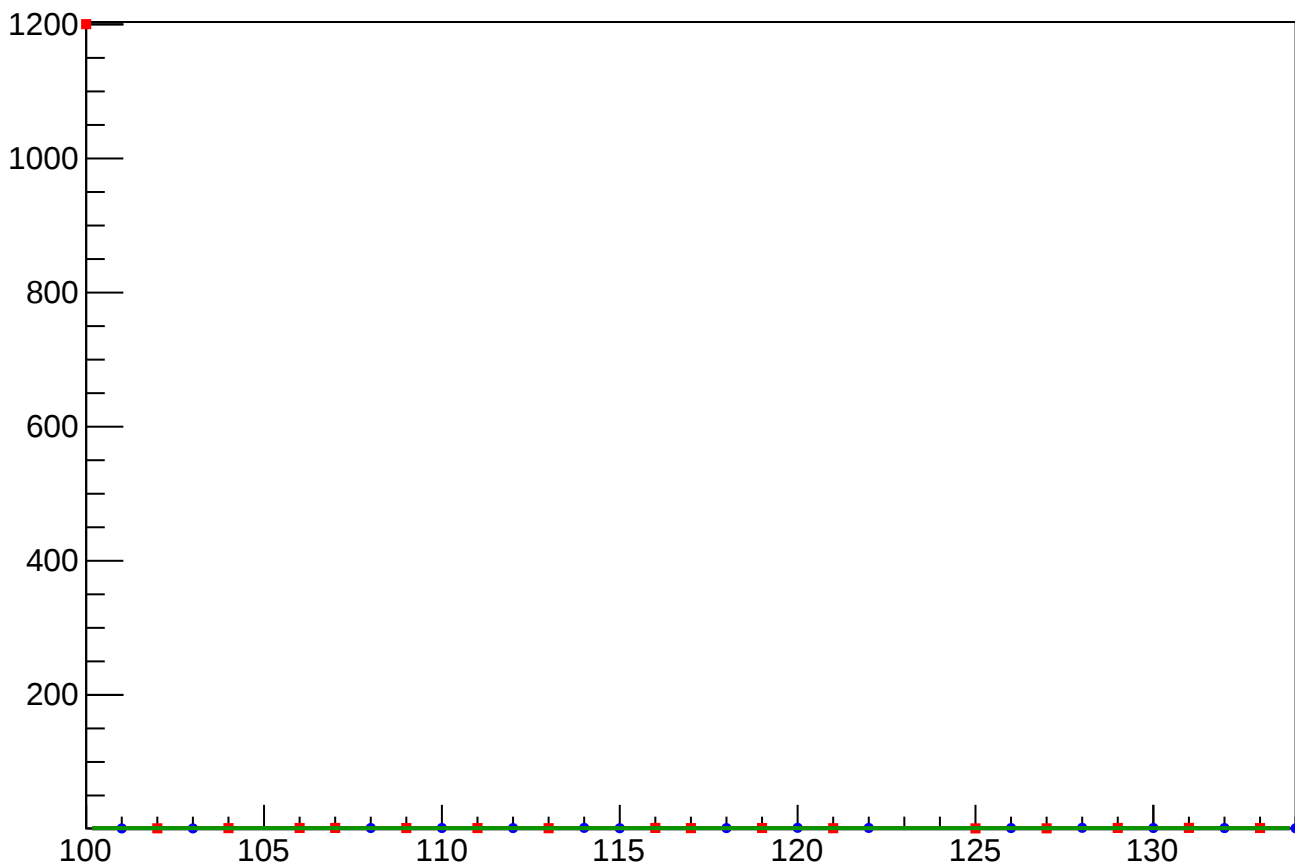
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.979 $\pm$ 0.561 χ^2 /NDF: 11.8/14

0.539 $\pm$ 0.399 χ^2 /NDF: 23.0/31

0.089 $\pm$ 0.568 χ^2 /NDF: 9.9/16

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.216 $\pm$ 0.000 χ^2/NDF : 626974.6/14

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

Right Out: 1.300 $\pm$ 0.000 χ^2/NDF : 492912.5/16

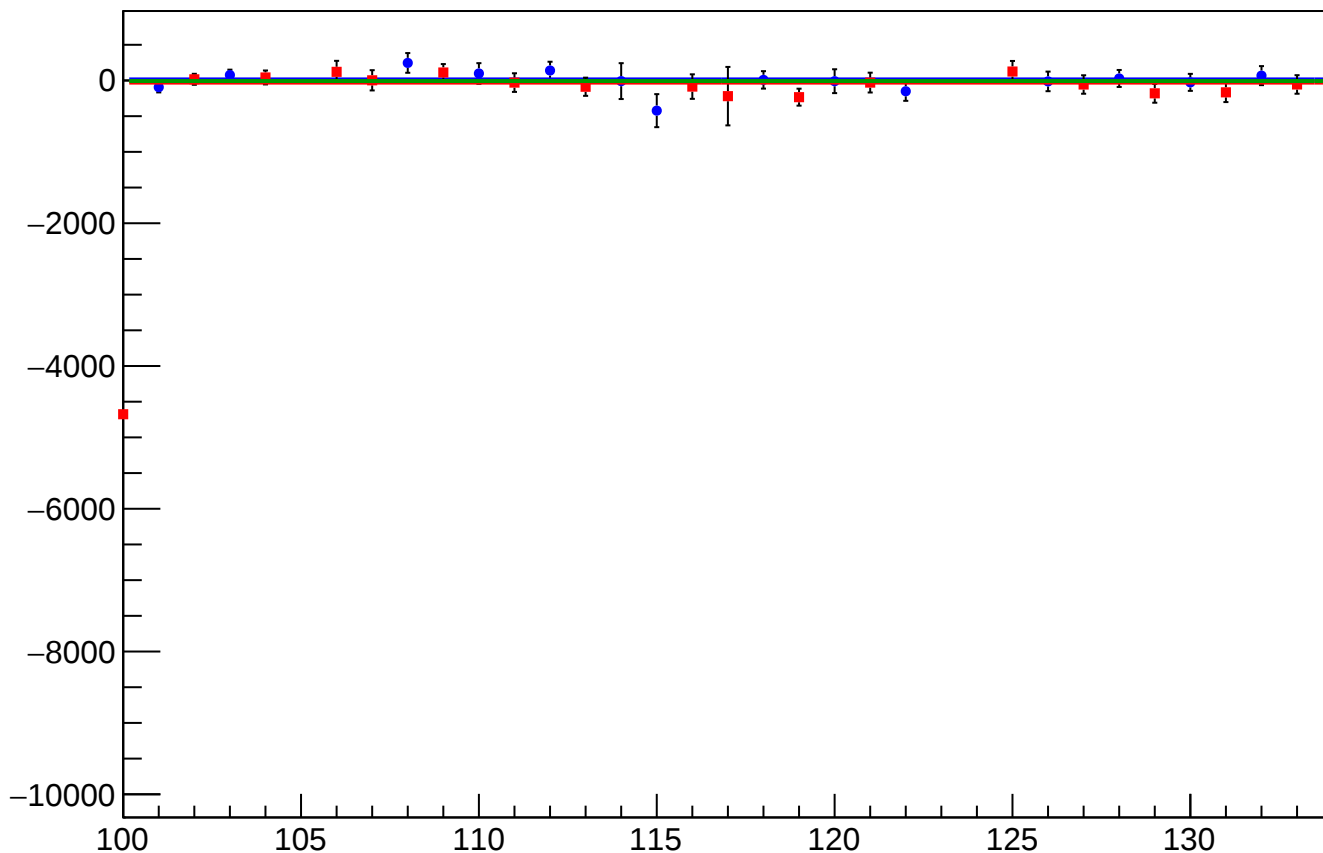
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.216 $\pm$ 0.000 χ^2/NDF : 626974.6/14

1.257 $\pm$ 0.000 χ^2/NDF : 1141998.9/31

1.300 $\pm$ 0.000 χ^2/NDF : 492912.5/16

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 14.858+/-31.661 χ^2/NDF : 13.2/14

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

Right Out: -29.563+/-31.688 χ^2/NDF : 11.0/16

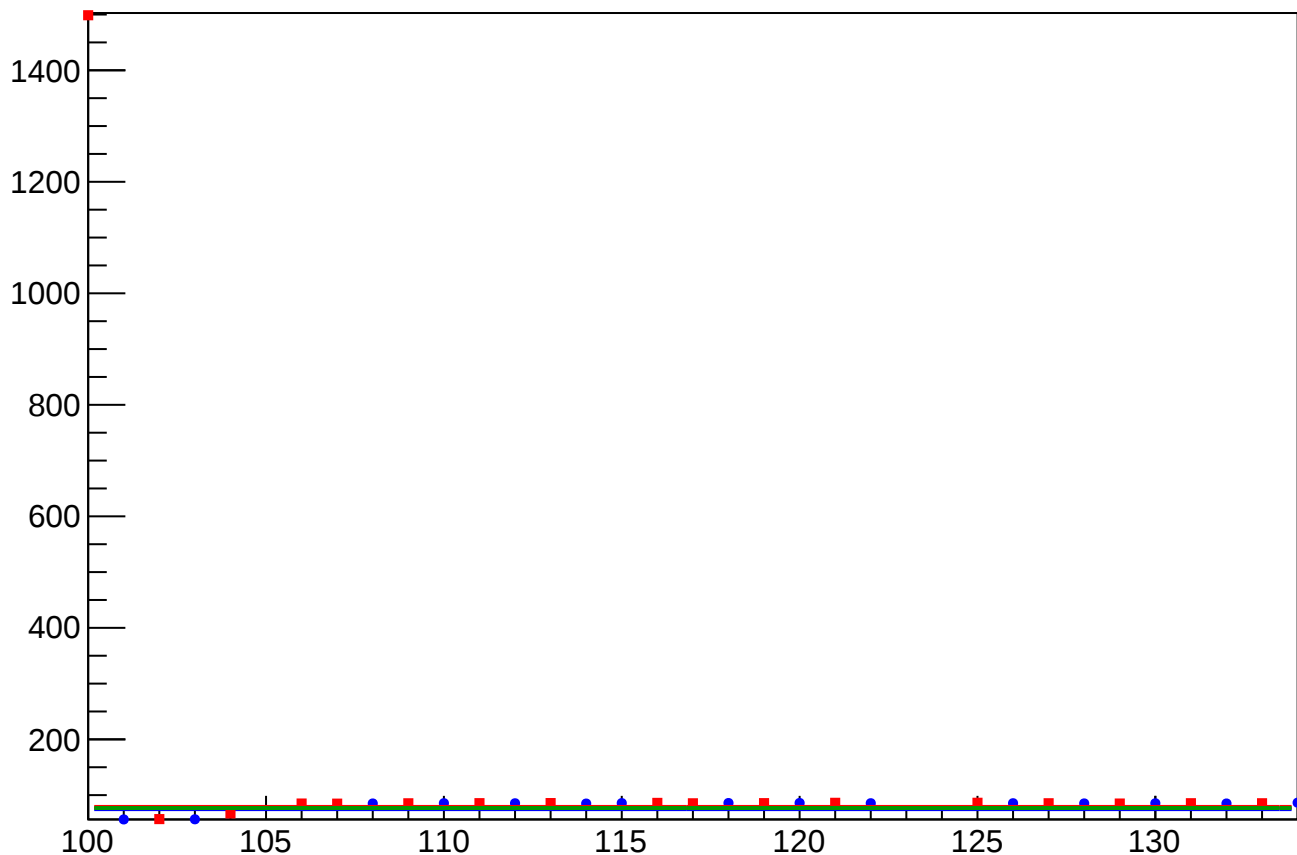
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.858+/-31.661 χ^2/NDF : 13.2/14

-7.334+/-22.397 χ^2/NDF : 25.2/31

-29.563+/-31.688 χ^2/NDF : 11.0/16

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 74.925+/-0.022 χ^2/NDF : 384486.3/14

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

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

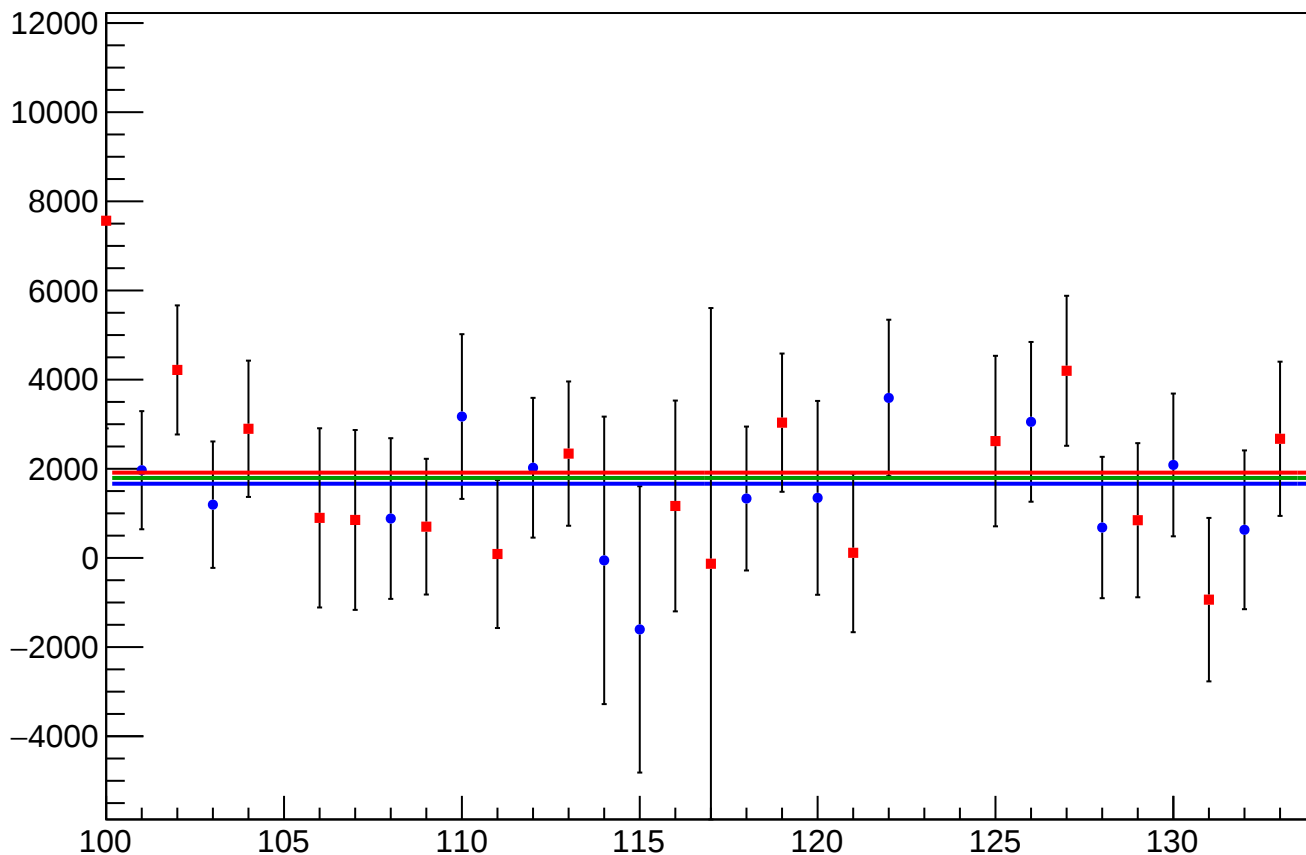
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.925+/-0.022 χ^2/NDF : 384486.3/14

76.853+/-0.016 χ^2/NDF : 779036.8/31

78.784+/-0.022 χ^2/NDF : 379711.3/16

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1664.844+/-458.730 χ^2/NDF : 5.1/14

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

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

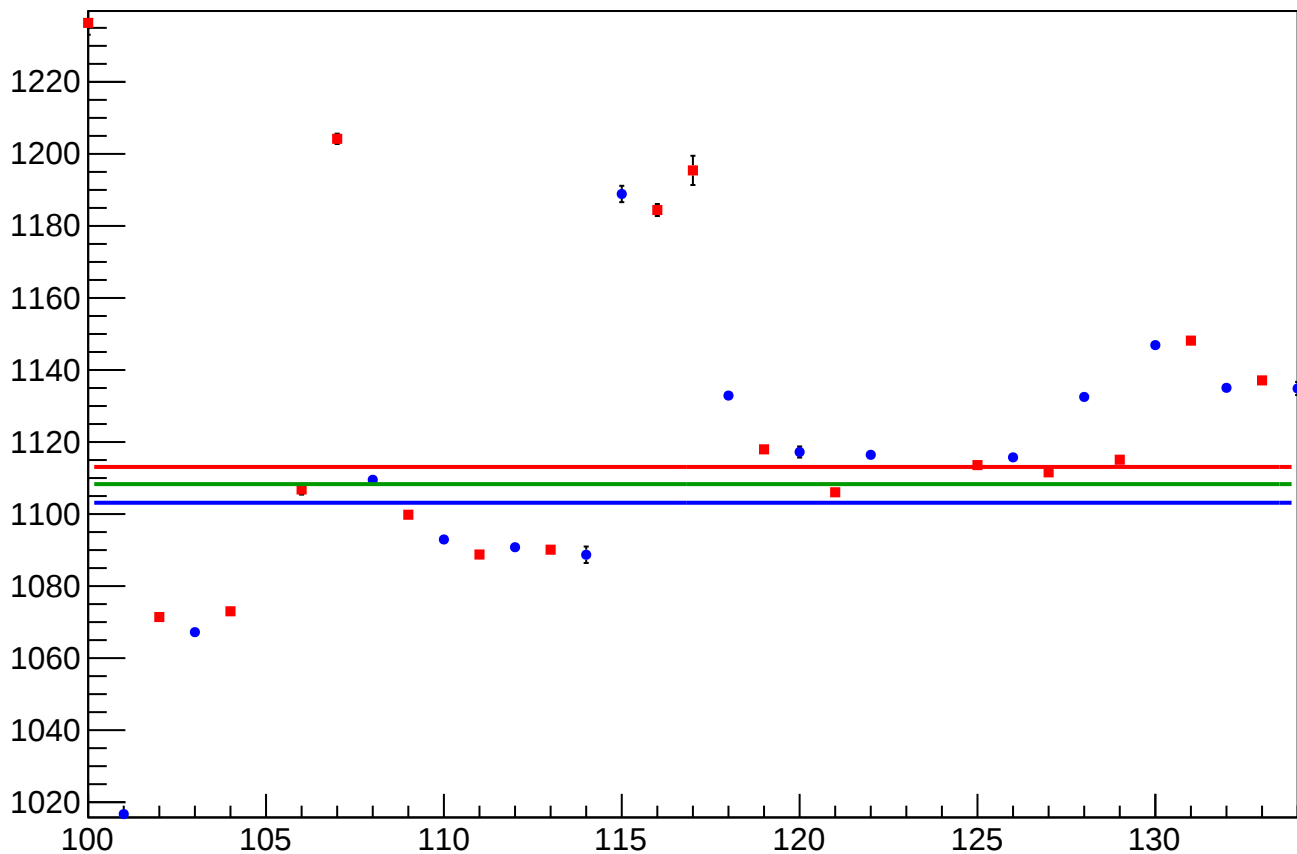
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1664.844+/-458.730 χ^2/NDF : 5.1/14

1794.170+/-317.746 χ^2/NDF : 18.9/31

1913.444+/-440.542 χ^2/NDF : 13.6/16

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1103.142 $\pm$ 0.324 χ^2 /NDF: 15575.9/14

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

Right Out: 1113.086 $\pm$ 0.312 χ^2 /NDF: 12918.2/16

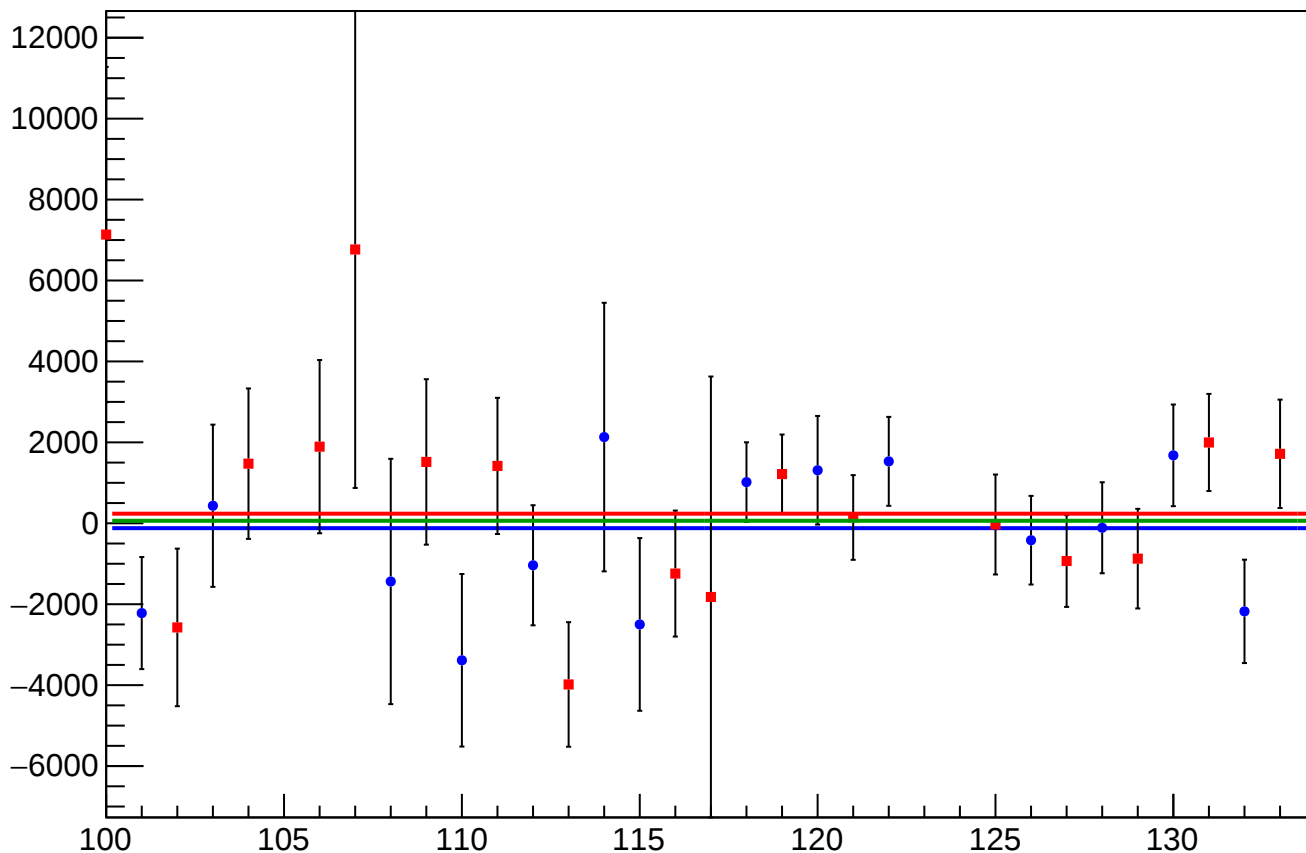
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1103.142 $\pm$ 0.324 χ^2 /NDF: 15575.9/14

1108.315 $\pm$ 0.225 χ^2 /NDF: 28982.9/31

1113.086 $\pm$ 0.312 χ^2 /NDF: 12918.2/16

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -120.567+/-369.781 χ^2 /NDF: 17.6/14

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

Right Out: 237.262+/-362.159 χ^2 /NDF: 22.9/16

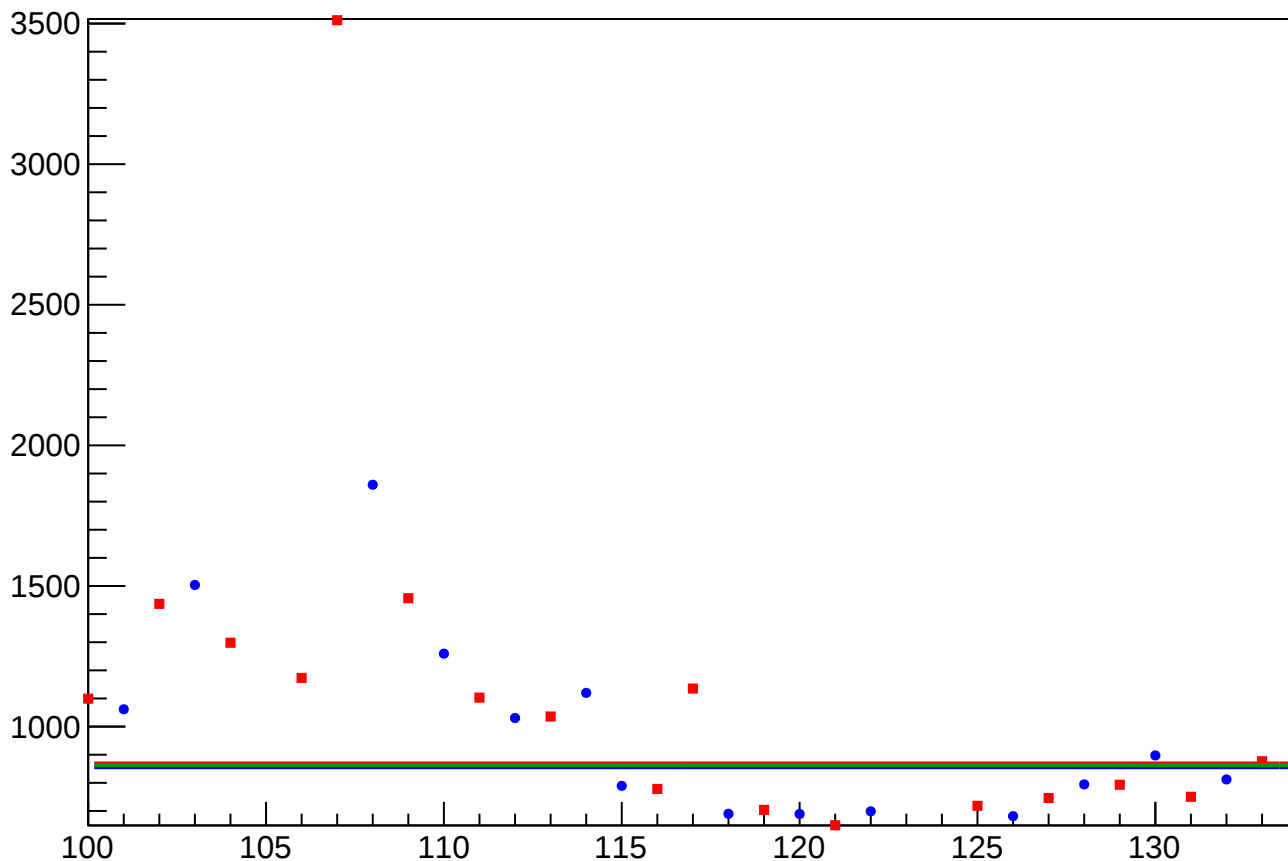
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-120.567+/-369.781 χ^2 /NDF: 17.6/14

62.073+/-258.738 χ^2 /NDF: 40.9/31

237.262+/-362.159 χ^2 /NDF: 22.9/16

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 855.632 $\pm$ 0.261 χ^2 /NDF: 788711.8/14

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

Right Out: 868.850 $\pm$ 0.256 χ^2 /NDF: 1189989.9/16

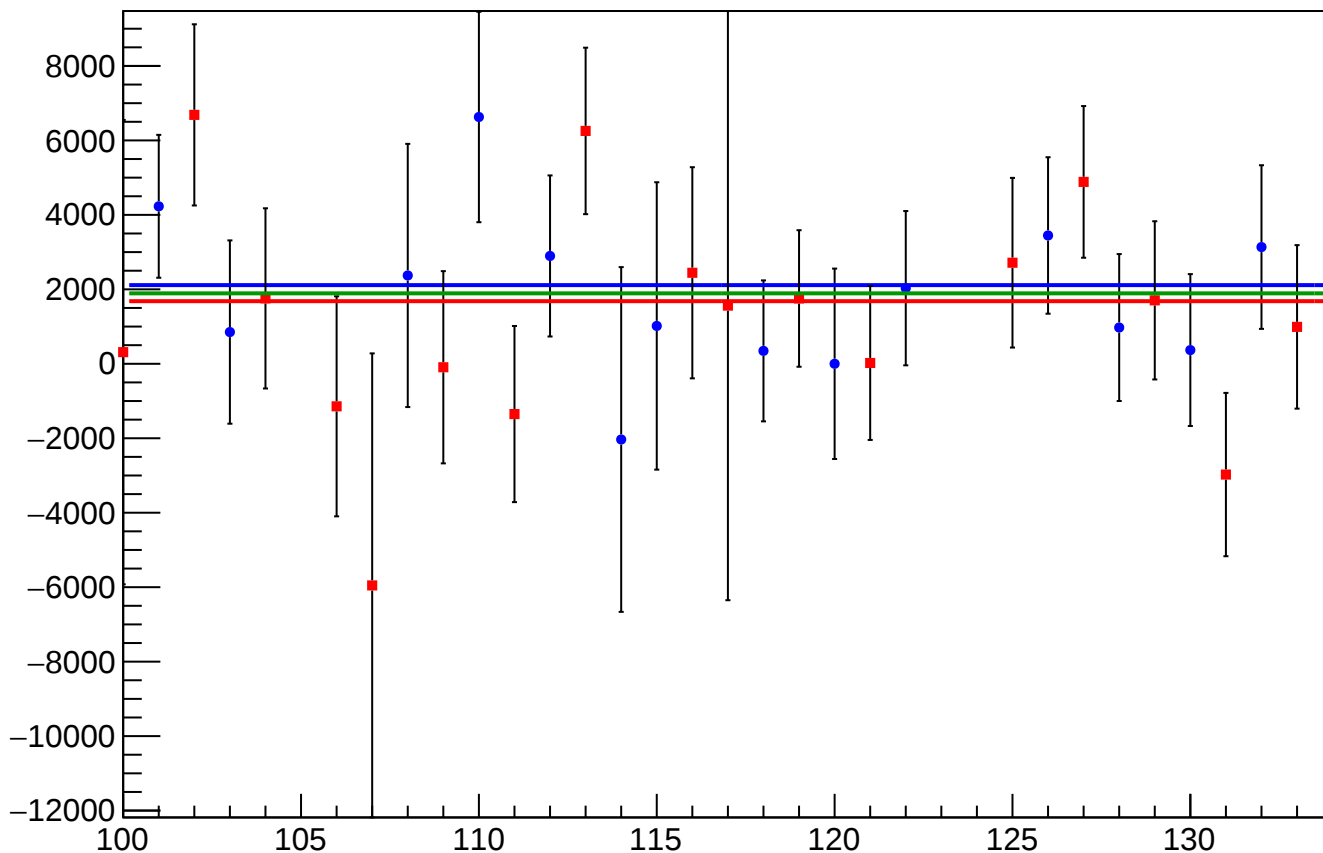
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

855.632 $\pm$ 0.261 χ^2 /NDF: 788711.8/14

862.378 $\pm$ 0.183 χ^2 /NDF: 1980005.9/31

868.850 $\pm$ 0.256 χ^2 /NDF: 1189989.9/16

asym_usl_mean vs Slug, Sign Corrected



Right In: 2113.211+/-615.823 χ^2/NDF : 8.7/14

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

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

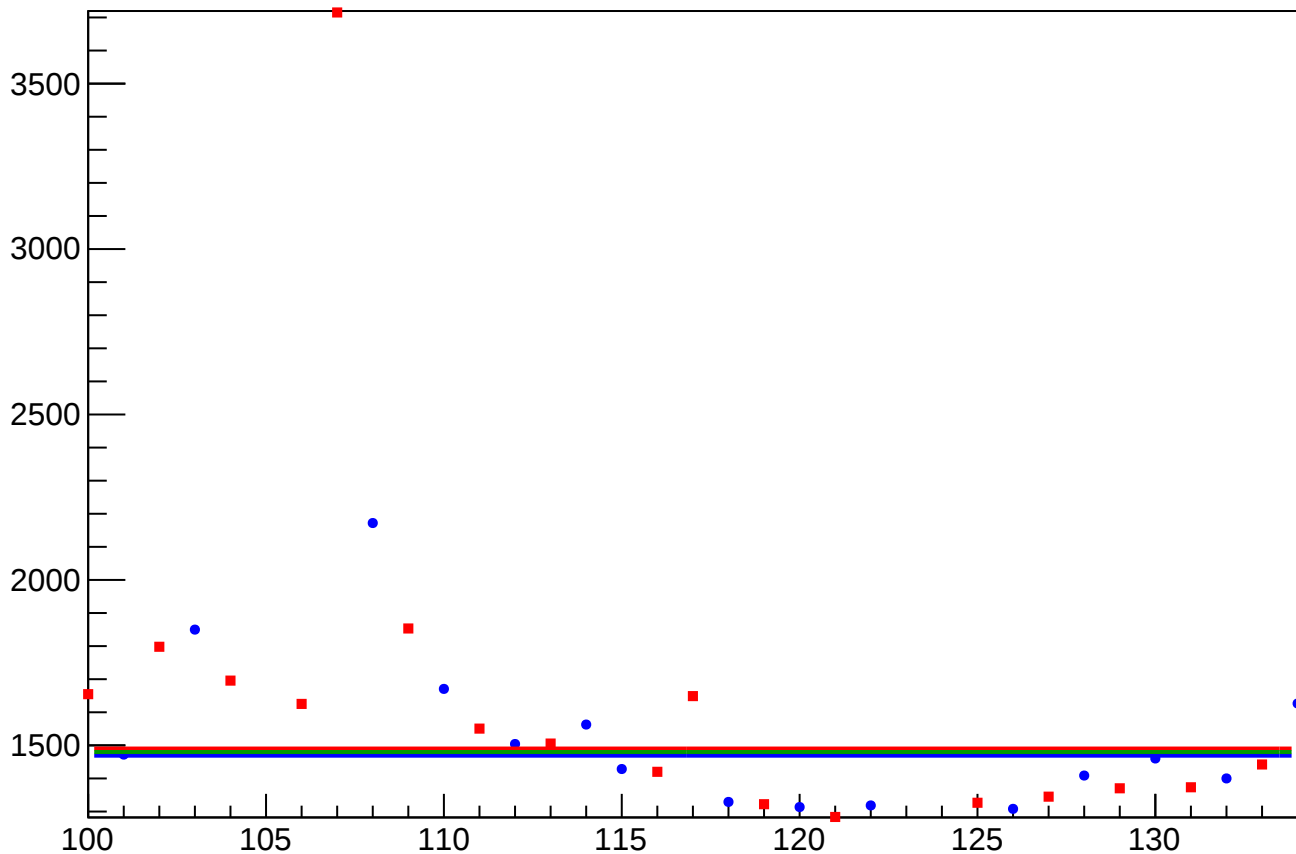
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2113.211+/-615.823 χ^2/NDF : 8.7/14

1892.149+/-429.801 χ^2/NDF : 30.0/31

1682.204+/-600.140 χ^2/NDF : 21.0/16

asym_usl_rms vs Slug, Sign Corrected



Right In: 1468.836 $\pm$ 0.435 χ^2 /NDF: 186765.7/14

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

Right Out: 1490.411 $\pm$ 0.424 χ^2 /NDF: 420145.1/16

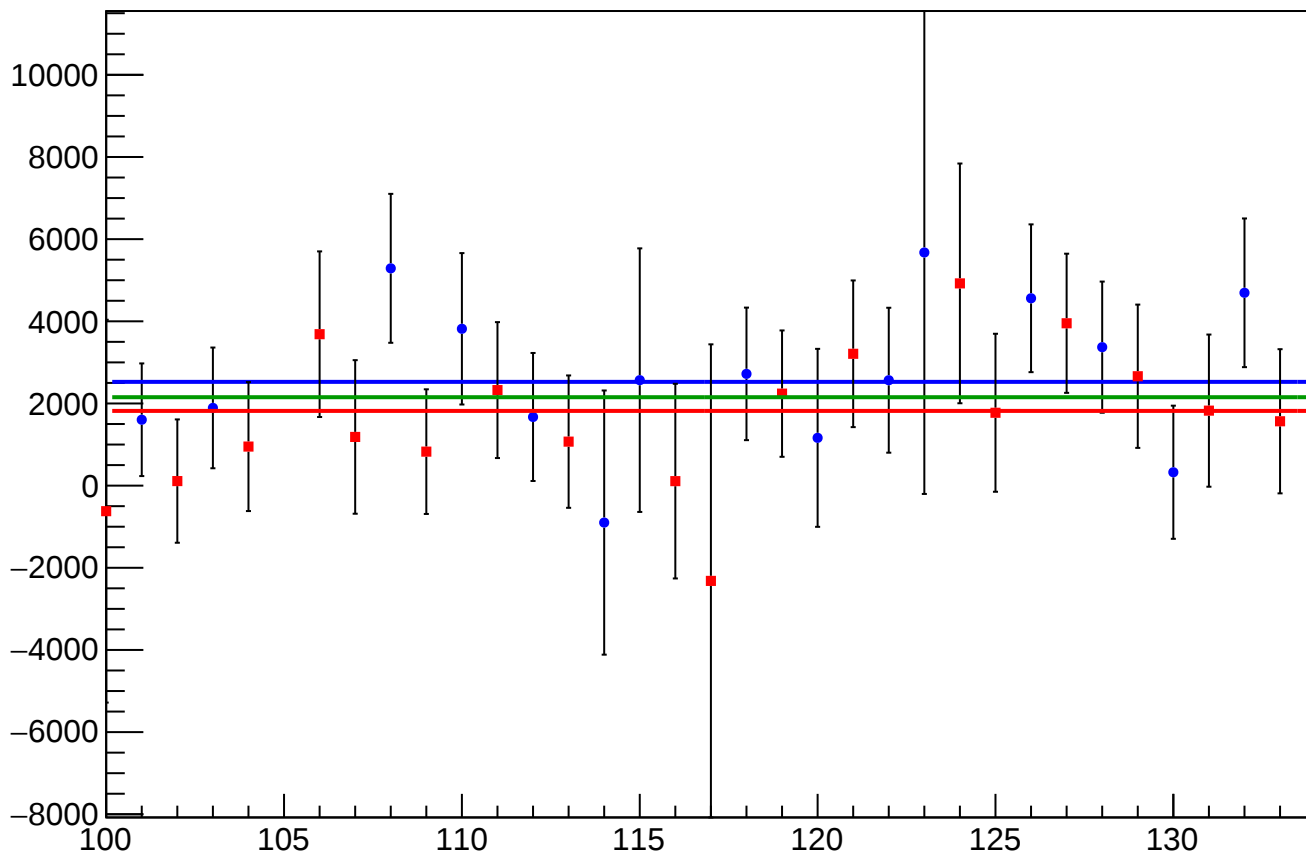
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1468.836 $\pm$ 0.435 χ^2 /NDF: 186765.7/14

1479.902 $\pm$ 0.304 χ^2 /NDF: 608169.9/31

1490.411 $\pm$ 0.424 χ^2 /NDF: 420145.1/16

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2526.068 $\pm$ 462.178 χ^2 /NDF: 11.7/15

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

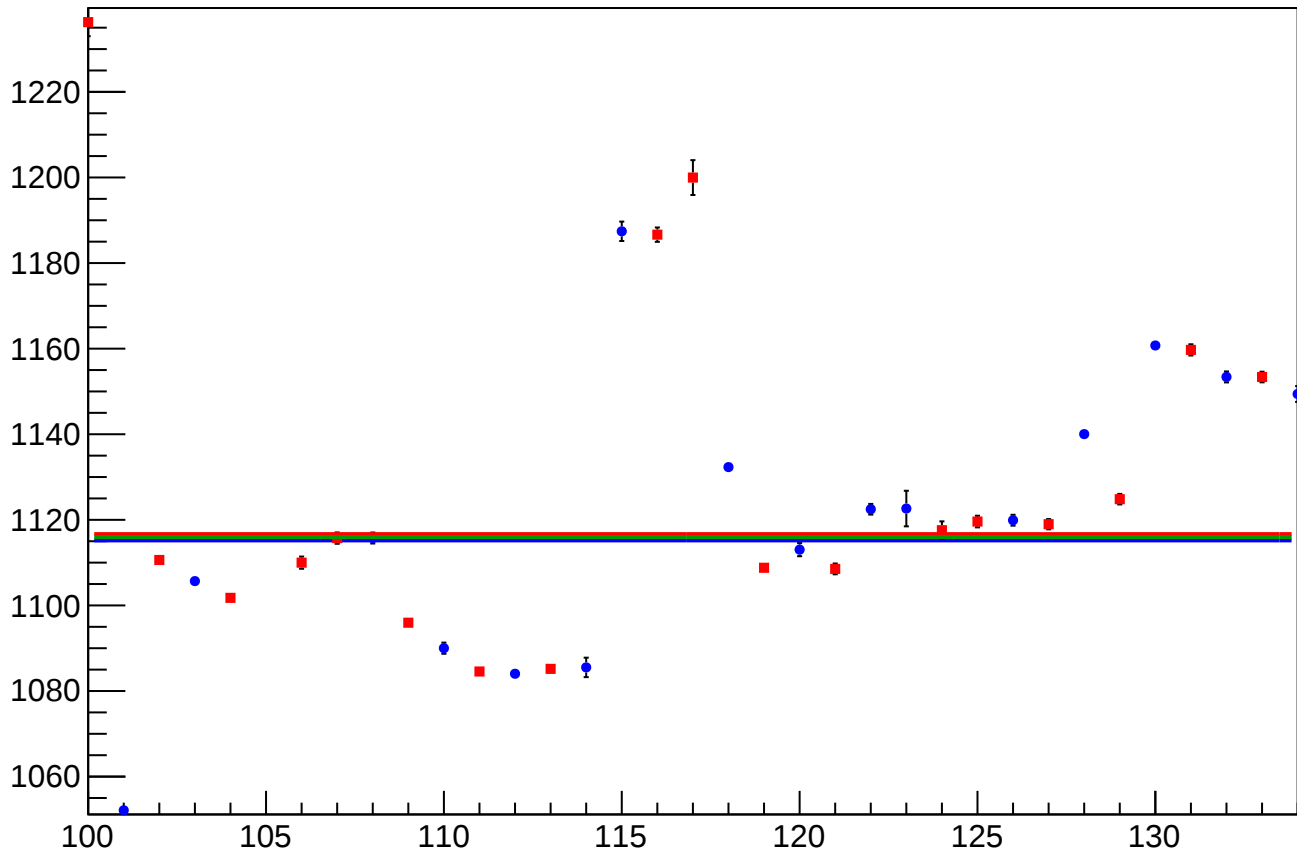
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2526.068 $\pm$ 462.178 χ^2 /NDF: 11.7/15

2152.625 $\pm$ 317.487 χ^2 /NDF: 21.2/33

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

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1115.197 $\pm$ 0.327 χ^2 /NDF: 10249.7/15

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

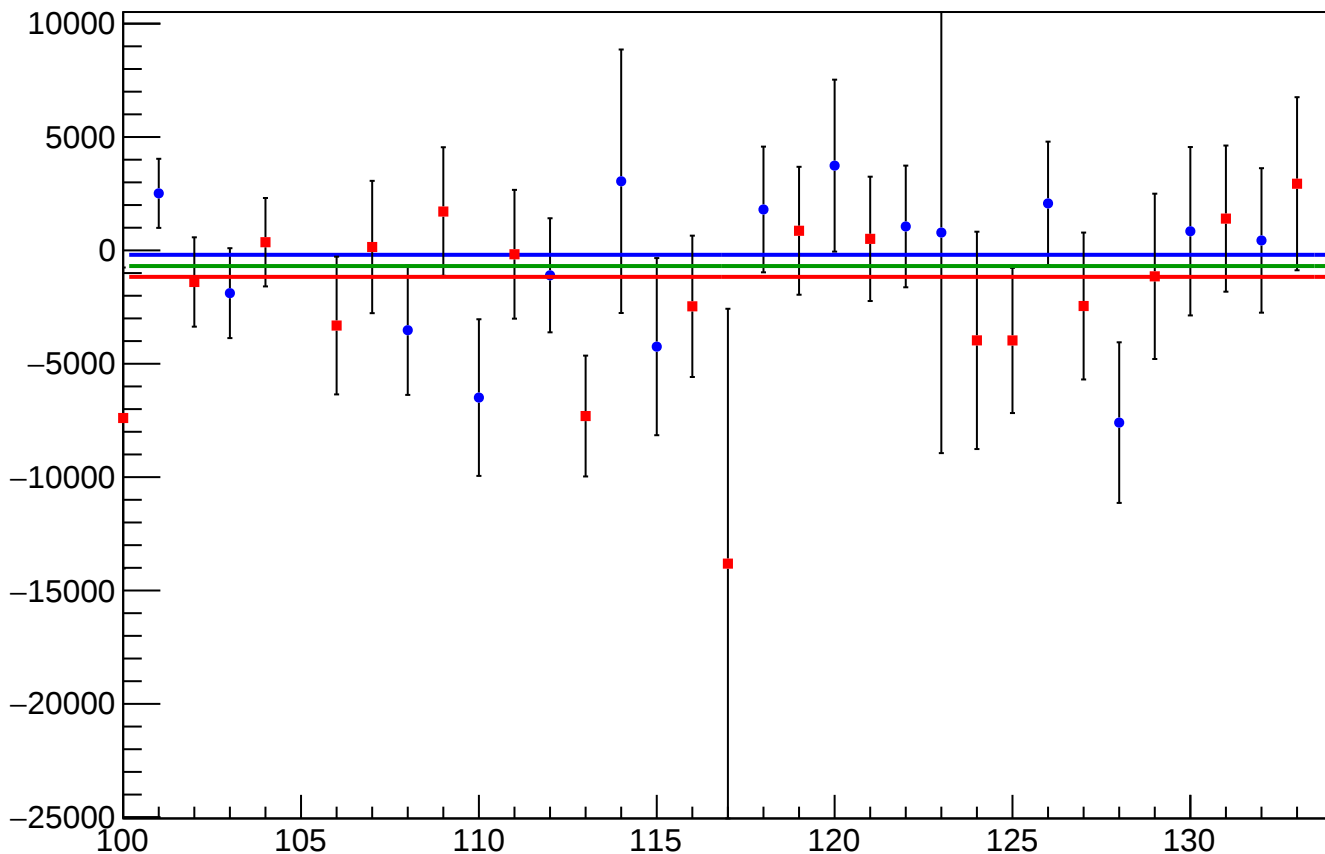
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1115.197 $\pm$ 0.327 χ^2 /NDF: 10249.7/15

1115.971 $\pm$ 0.224 χ^2 /NDF: 17968.1/33

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

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -194.828+/-720.079 χ^2/NDF : 17.2/15

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

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

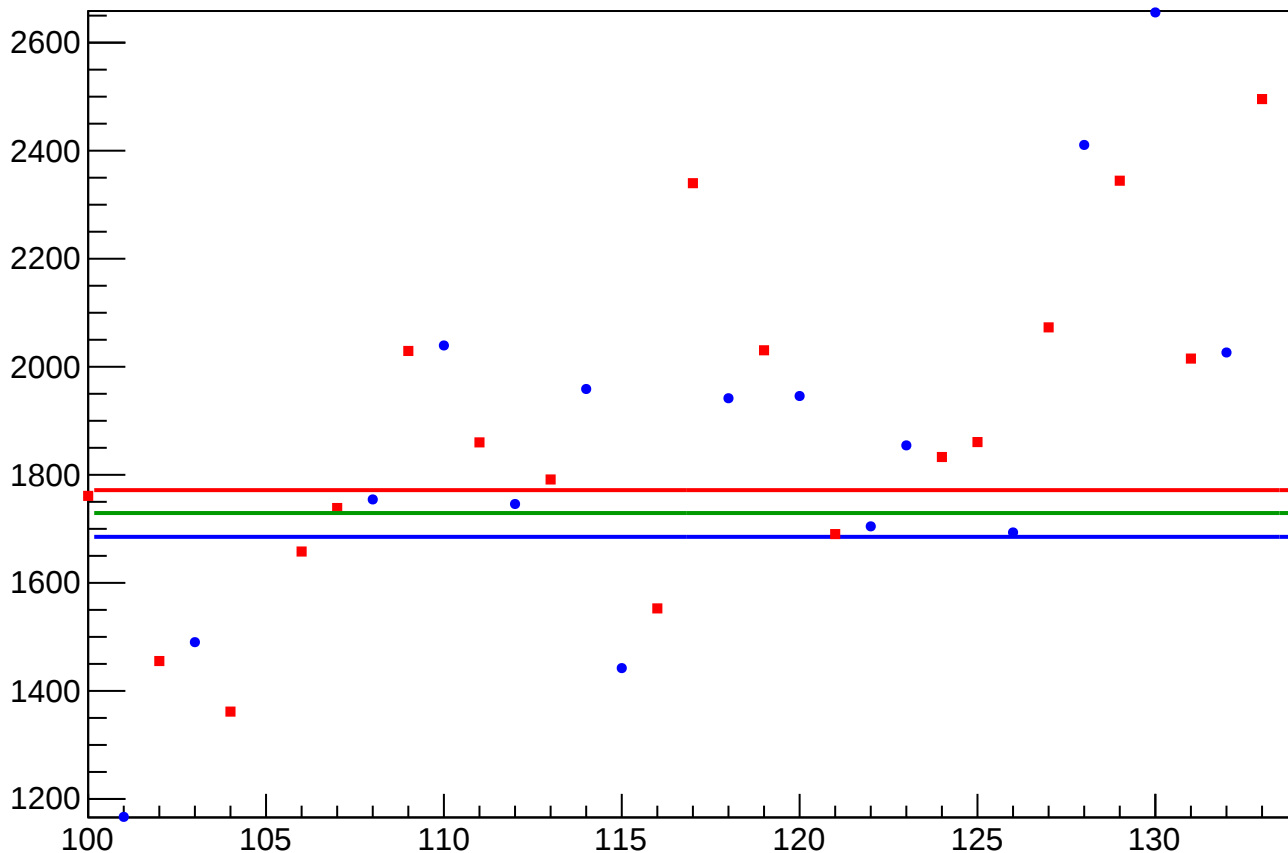
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-194.828+/-720.079 χ^2/NDF : 17.2/15

-690.630+/-504.238 χ^2/NDF : 32.2/33

-1167.669+/-706.322 χ^2/NDF : 14.1/17

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1685.195+/-0.509 χ^2/NDF : 565211.6/15

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

Right Out: 1771.662+/-0.499 χ^2/NDF : 347066.7/17

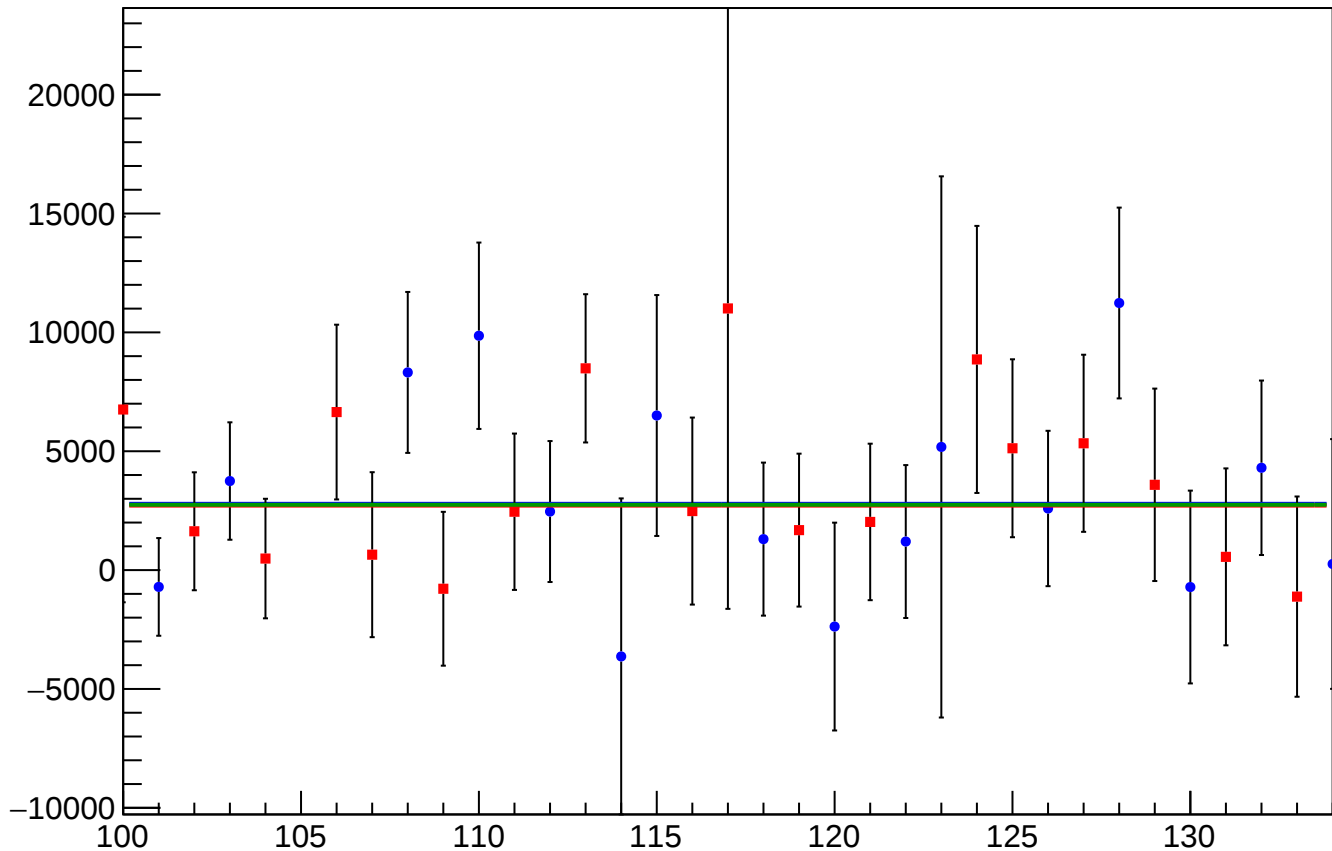
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1685.195+/-0.509 χ^2/NDF : 565211.6/15

1729.262+/-0.357 χ^2/NDF : 926975.6/33

1771.662+/-0.499 χ^2/NDF : 347066.7/17

asym_usr_mean vs Slug, Sign Corrected



Right In: 2787.997 $\pm$ 874.140 χ^2 /NDF: 17.9/15

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

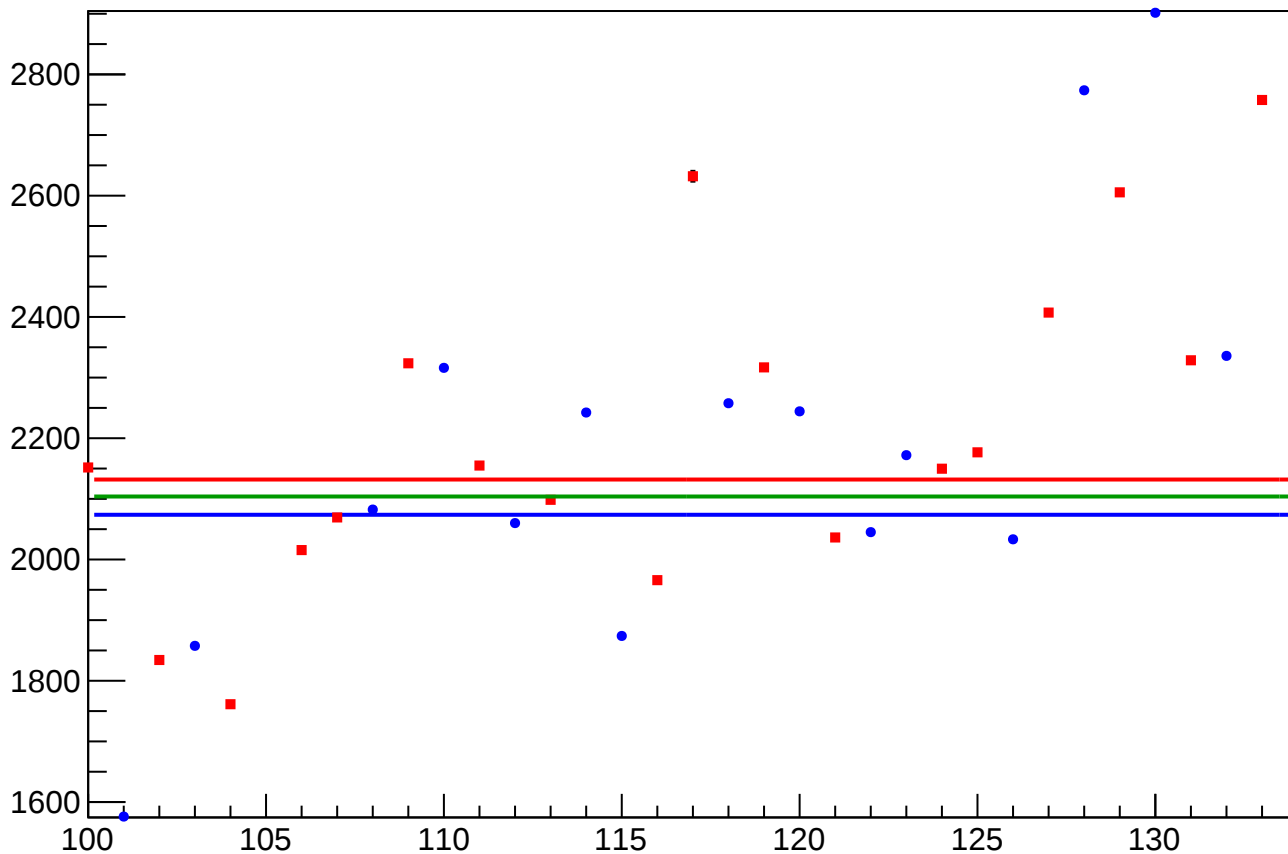
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2787.997 $\pm$ 874.140 χ^2 /NDF: 17.9/15

2749.586 $\pm$ 606.677 χ^2 /NDF: 29.2/33

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

asym_usr_rms vs Slug, Sign Corrected



Right In: 2073.750+/-0.618 χ^2/NDF : 313015.4/15

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

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

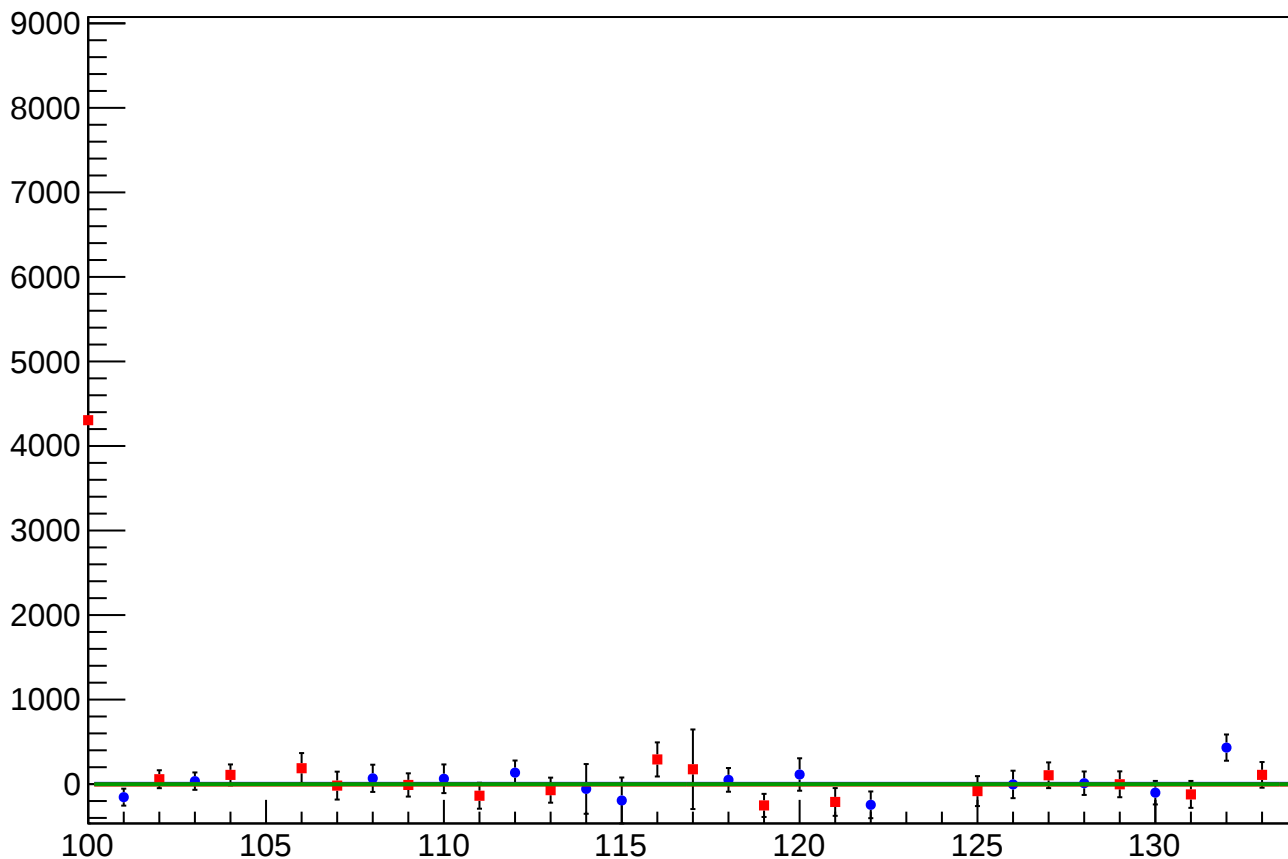
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2073.750+/-0.618 χ^2/NDF : 313015.4/15

2103.883+/-0.429 χ^2/NDF : 503178.1/33

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

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: 3.093+/-38.901 χ^2 /NDF: 15.9/14

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

Right Out: -5.238+/-38.256 χ^2 /NDF: 13.1/16

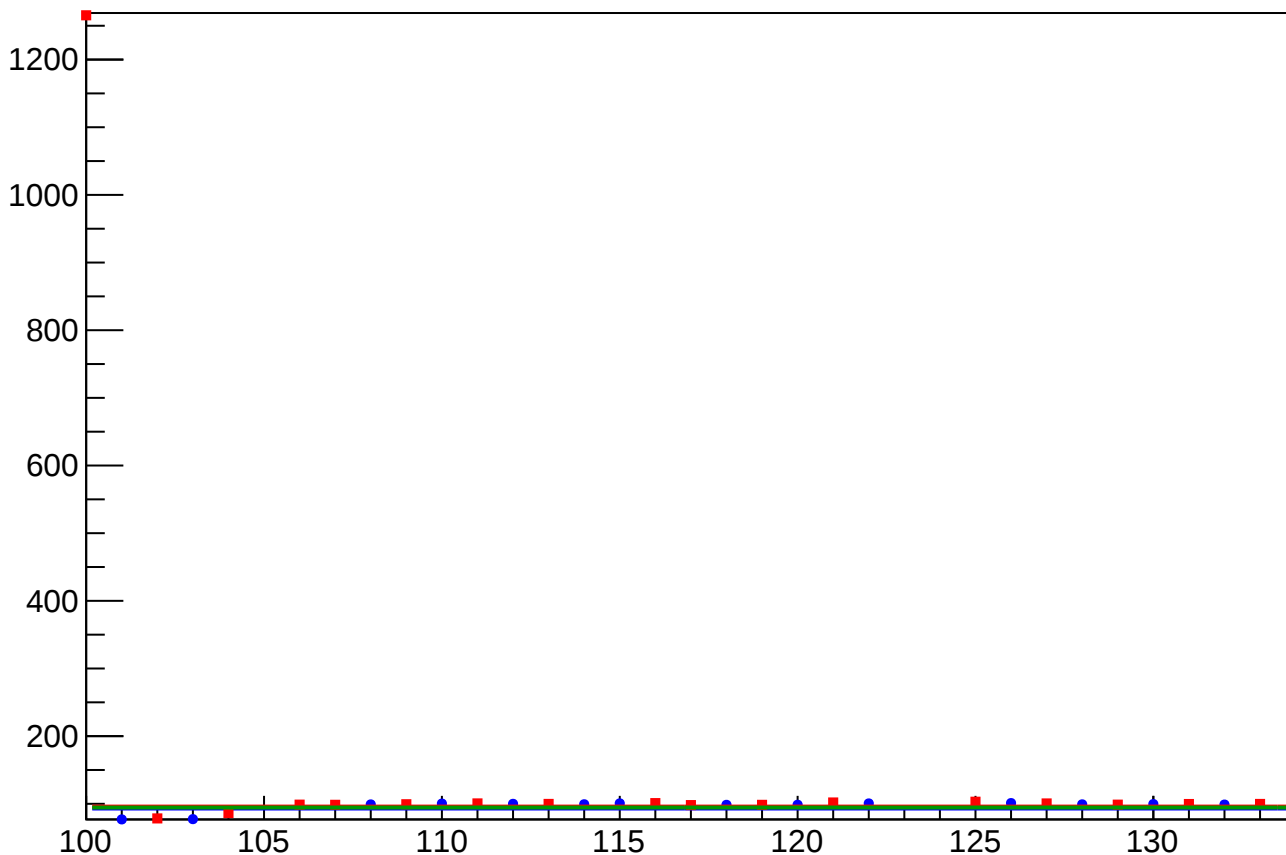
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

3.093+/-38.901 χ^2 /NDF: 15.9/14

-1.142+/-27.276 χ^2 /NDF: 29.0/31

-5.238+/-38.256 χ^2 /NDF: 13.1/16

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 93.060+/-0.028 χ^2 /NDF: 139983.6/14

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

Right Out: 95.878+/-0.027 χ^2 /NDF: 205175.6/16

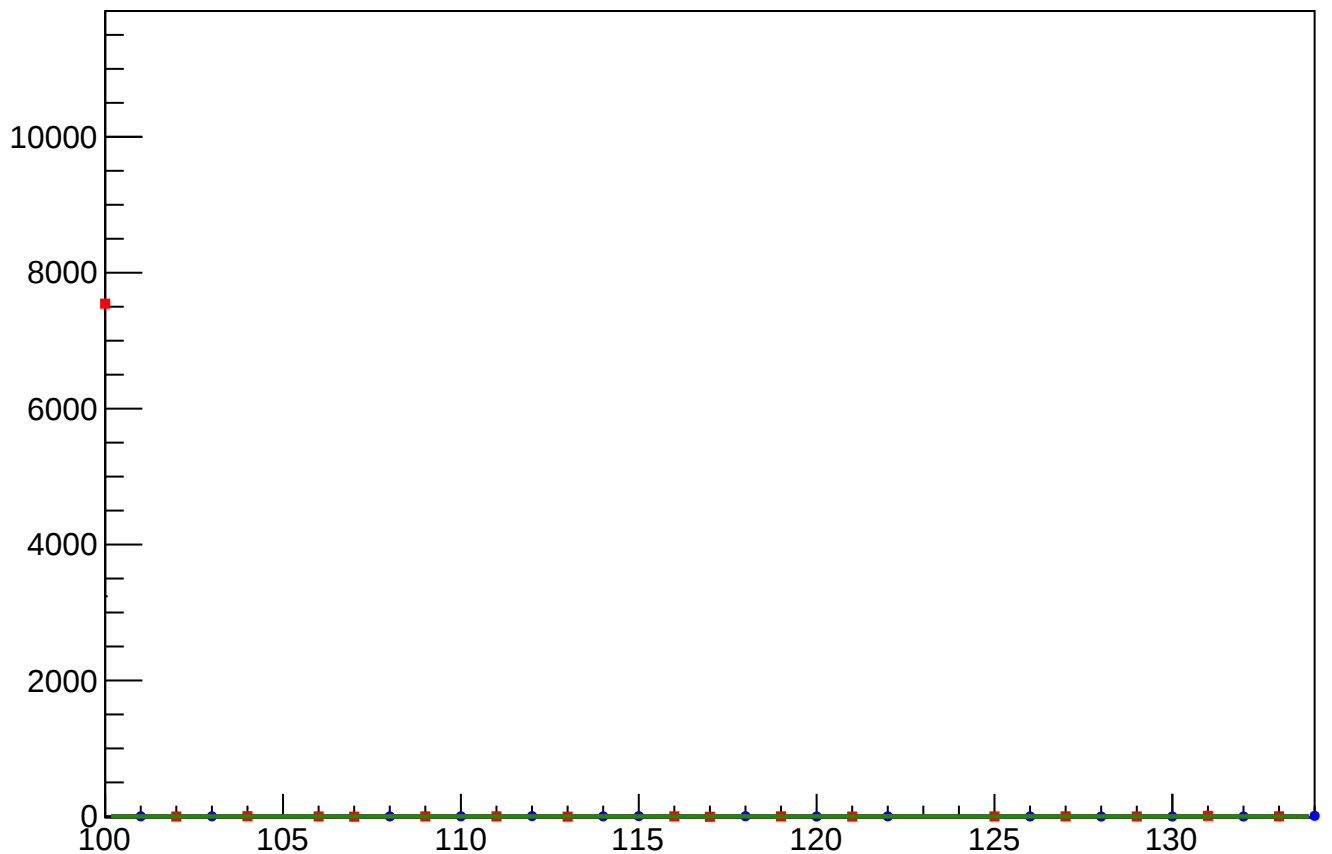
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

93.060+/-0.028 χ^2 /NDF: 139983.6/14

94.492+/-0.019 χ^2 /NDF: 350496.1/31

95.878+/-0.027 χ^2 /NDF: 205175.6/16

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.520+/-0.646 χ^2/NDF : 9.5/14

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

Right Out: -0.500+/-0.667 χ^2/NDF : 22.1/16

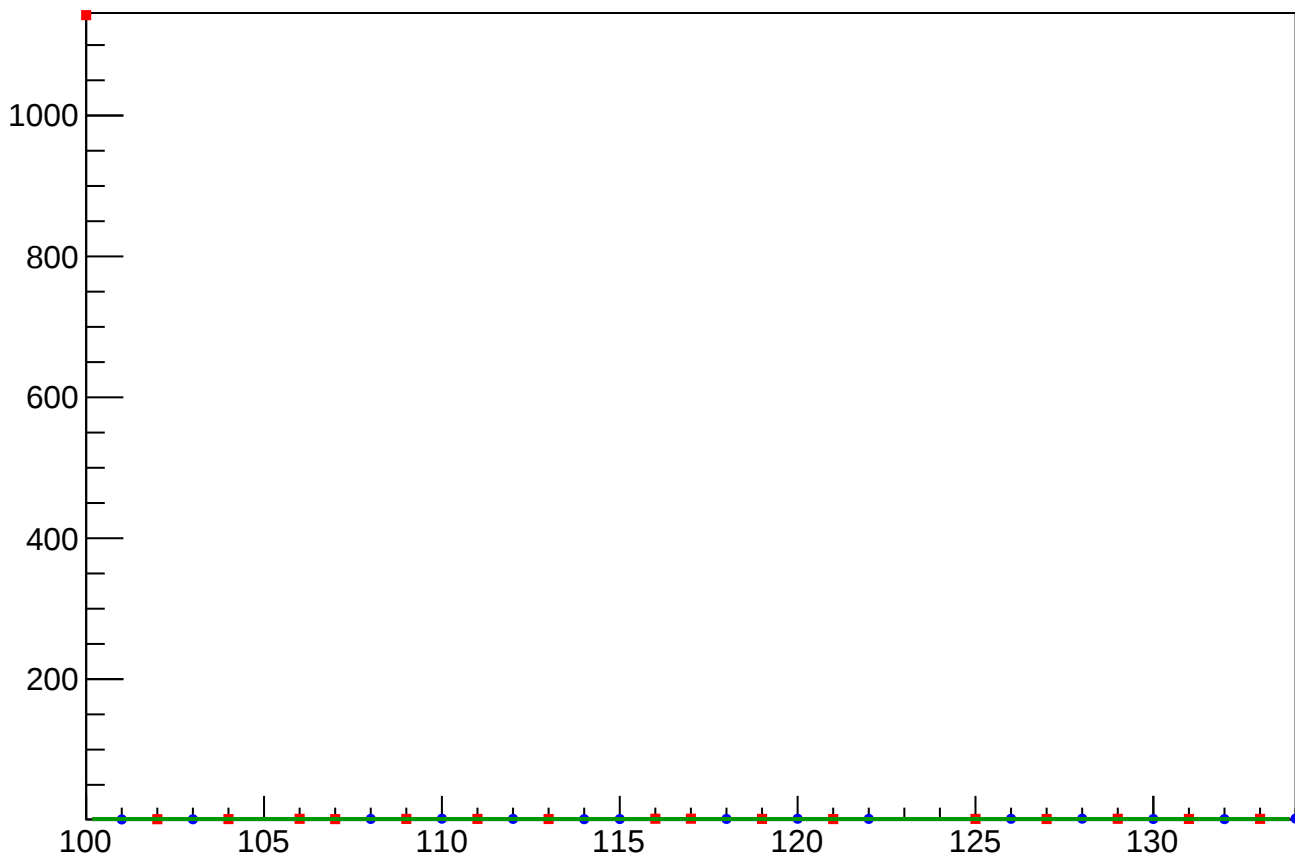
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.520+/-0.646 χ^2/NDF : 9.5/14

0.027+/-0.464 χ^2/NDF : 32.8/31

-0.500+/-0.667 χ^2/NDF : 22.1/16

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.383+/-0.000 χ^2/NDF : 659535.2/14

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

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

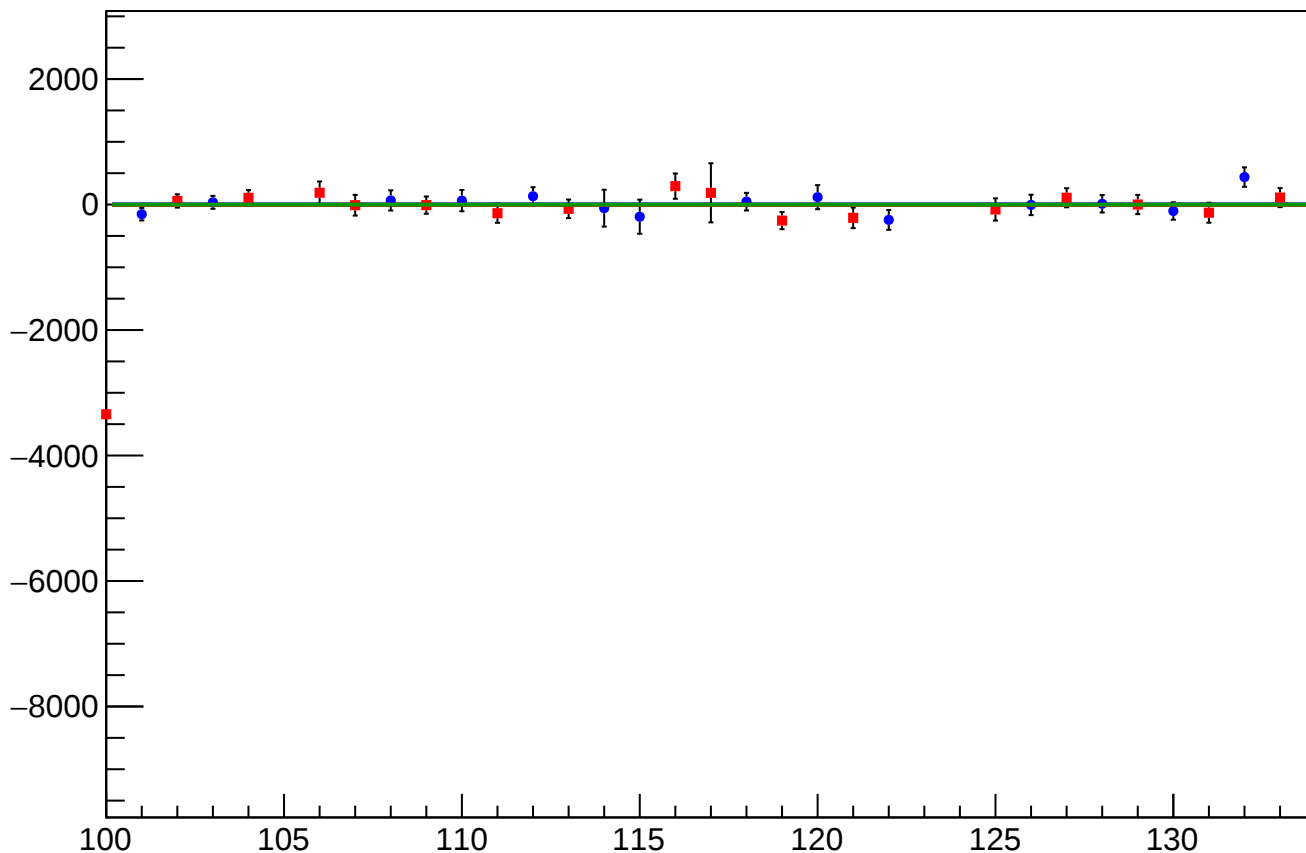
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.383+/-0.000 χ^2/NDF : 659535.2/14

1.458+/-0.000 χ^2/NDF : 1008553.4/31

1.538+/-0.000 χ^2/NDF : 292800.2/16

asym_dsl_mean vs Slug, Sign Corrected



Right In: 2.827+/-38.911 χ^2 /NDF: 16.1/14

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

Right Out: -5.197+/-38.267 χ^2 /NDF: 12.8/16

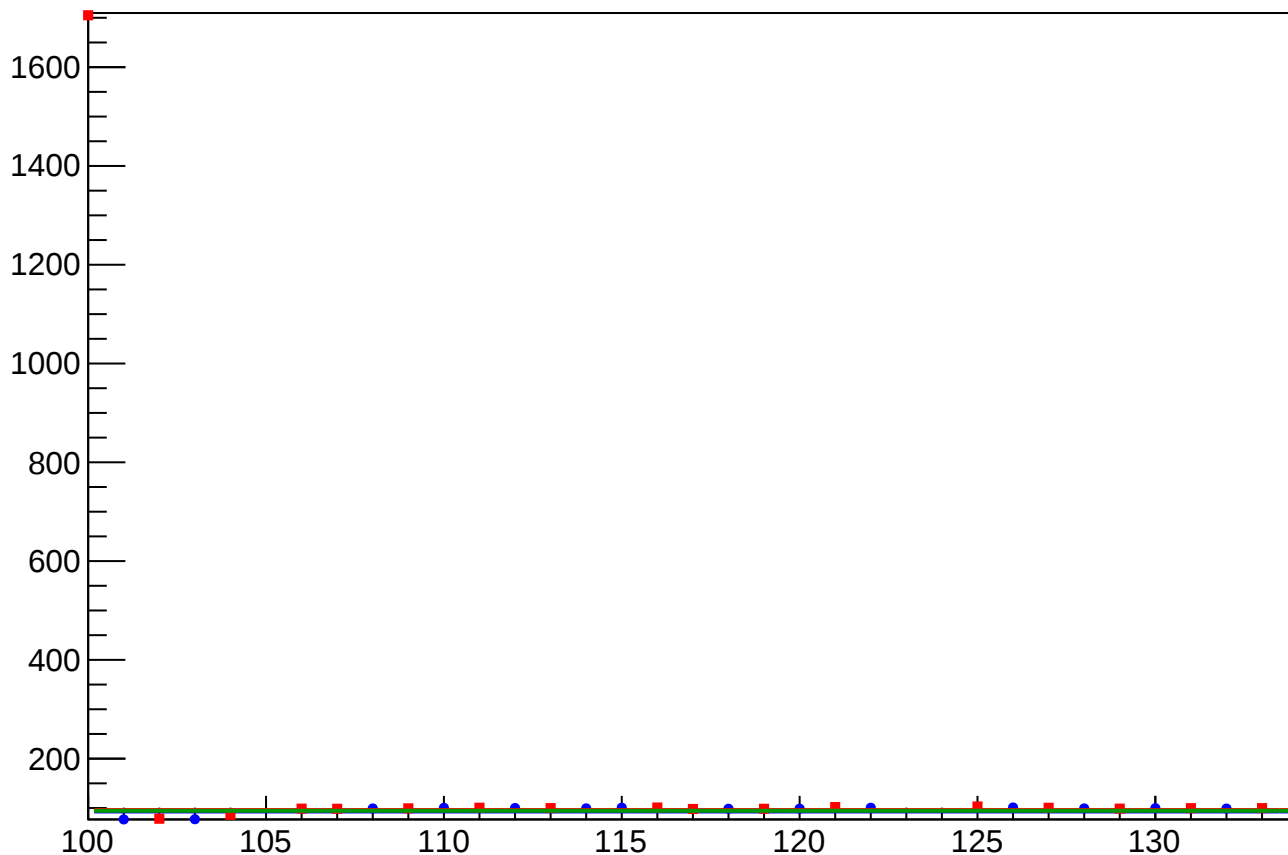
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2.827+/-38.911 χ^2 /NDF: 16.1/14

-1.252+/-27.284 χ^2 /NDF: 28.9/31

-5.197+/-38.267 χ^2 /NDF: 12.8/16

asym_dsl_rms vs Slug, Sign Corrected



Right In: 93.084 $\pm$ 0.028 χ^2 /NDF: 140008.6/14

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

Right Out: 95.885 $\pm$ 0.027 χ^2 /NDF: 210284.8/16

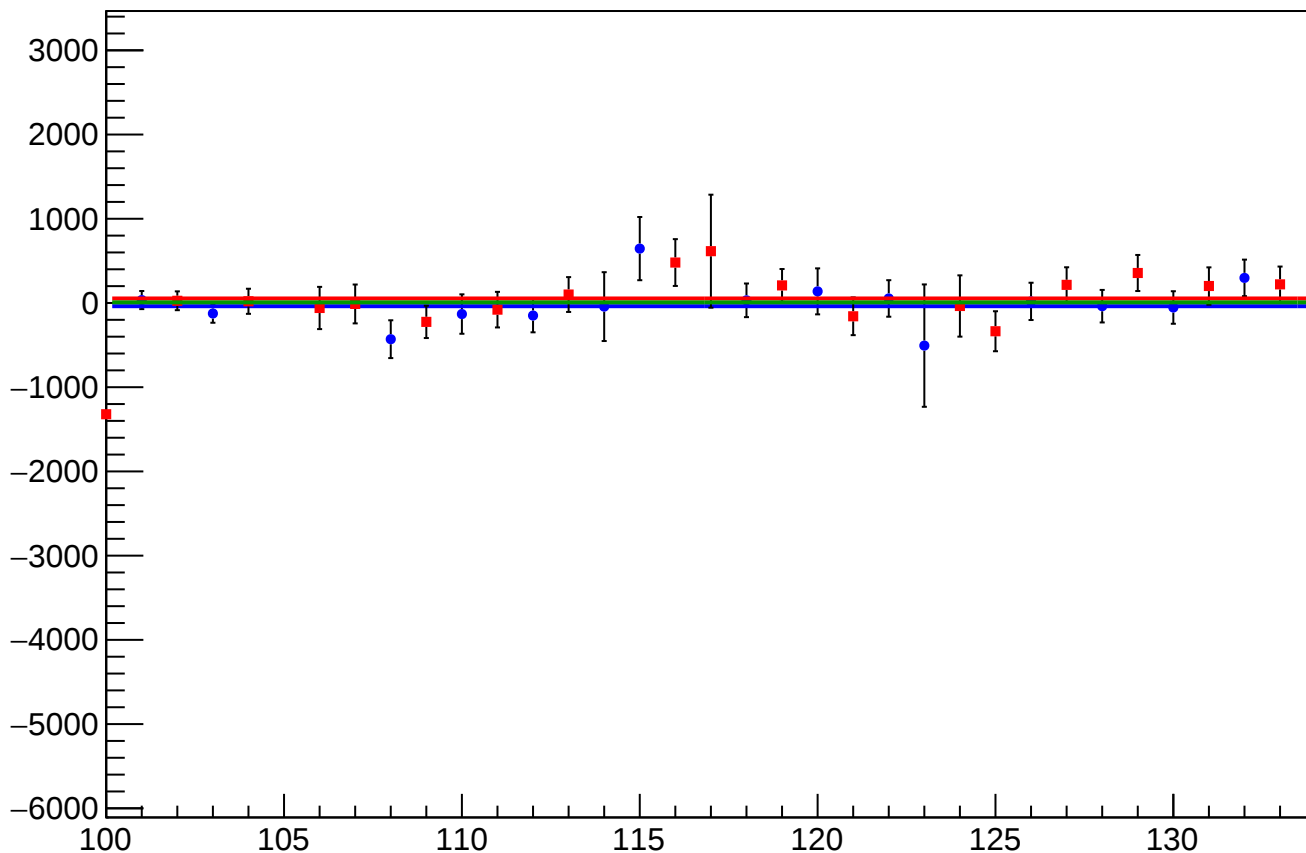
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

93.084 $\pm$ 0.028 χ^2 /NDF: 140008.6/14

94.508 $\pm$ 0.019 χ^2 /NDF: 355562.8/31

95.885 $\pm$ 0.027 χ^2 /NDF: 210284.8/16

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -38.186 $\pm$ 49.239 χ^2 /NDF: 13.8/15

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

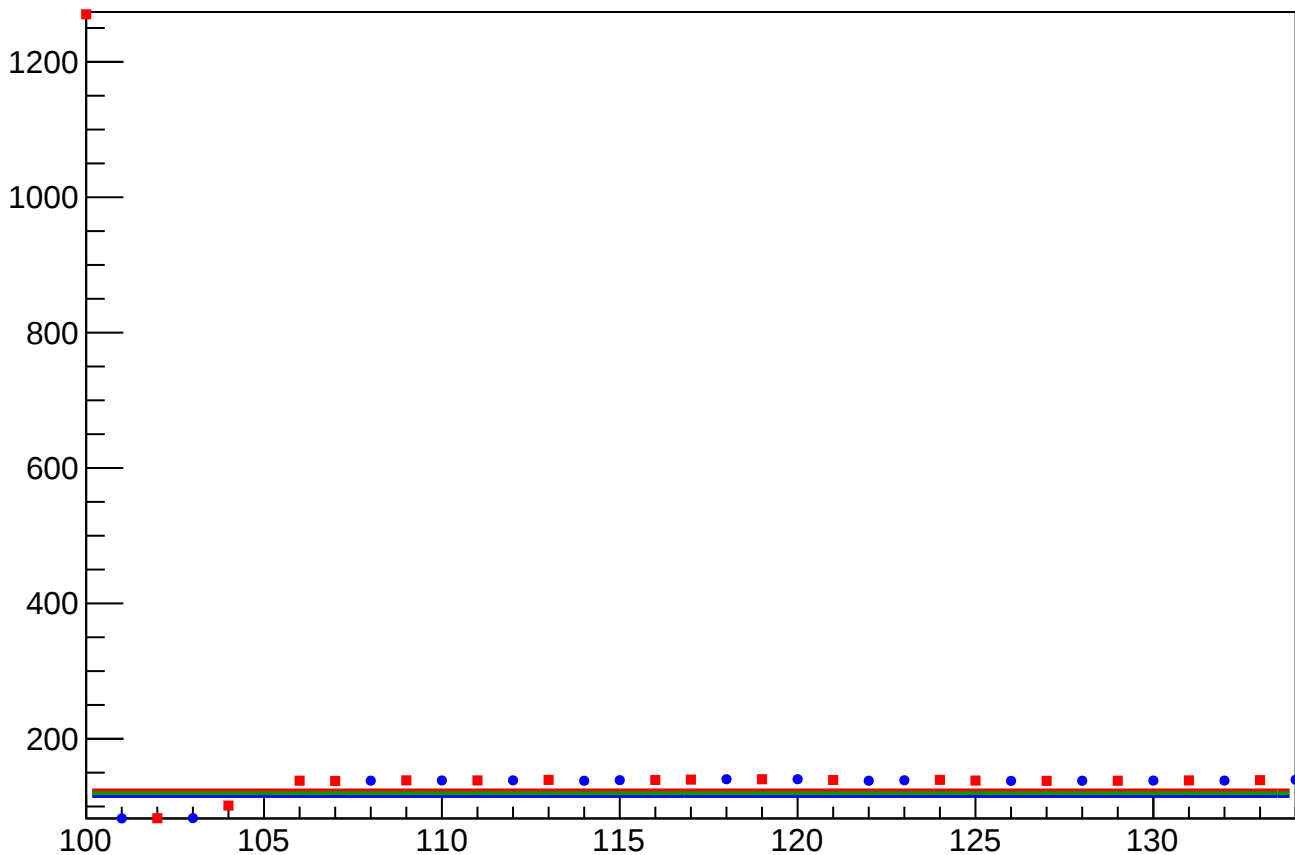
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.186 $\pm$ 49.239 χ^2 /NDF: 13.8/15

7.352 $\pm$ 34.930 χ^2 /NDF: 29.6/33

53.485 $\pm$ 49.559 χ^2 /NDF: 14.0/17

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 115.637+/-0.035 χ^2/NDF : 626447.5/15

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

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

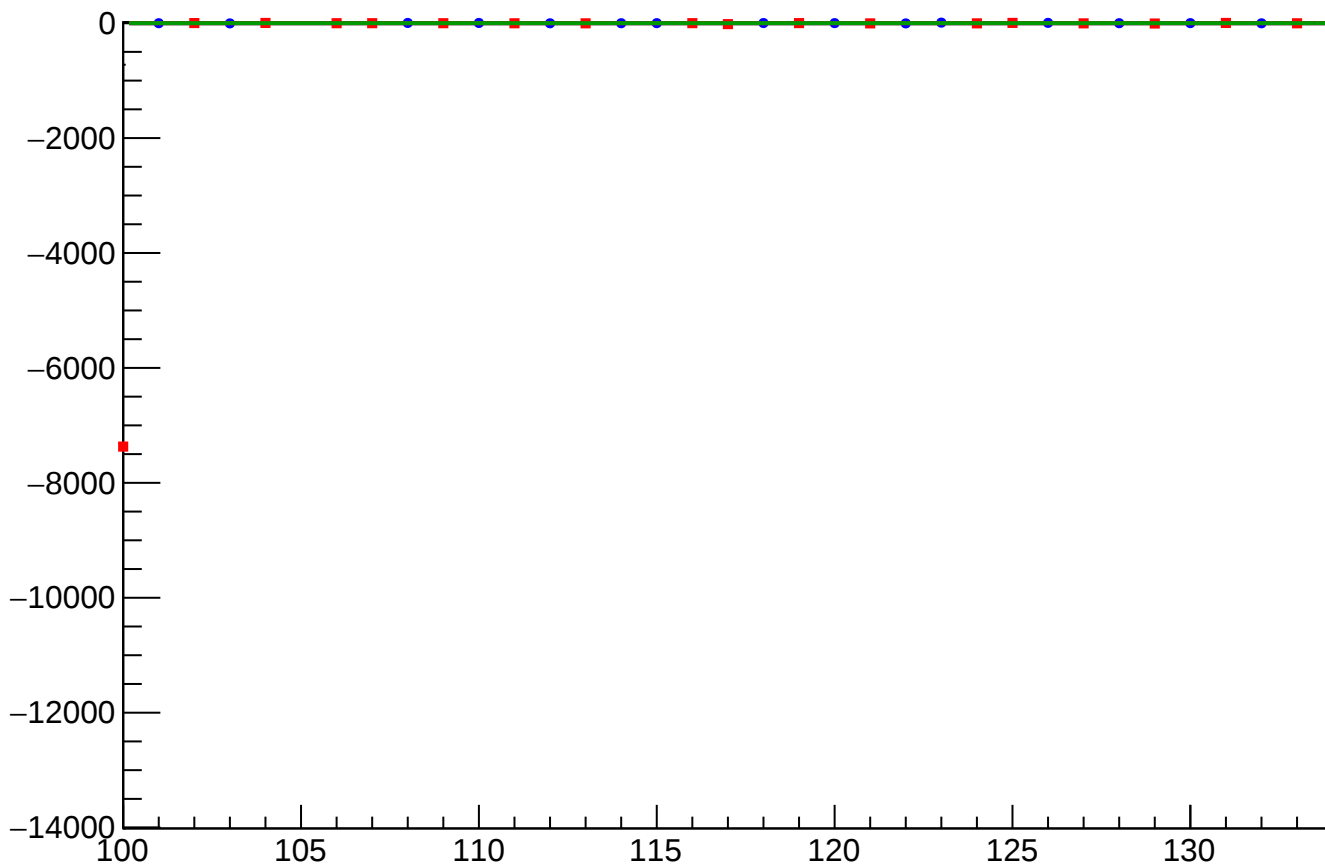
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.637+/-0.035 χ^2/NDF : 626447.5/15

119.633+/-0.025 χ^2/NDF : 1209733.3/33

123.682+/-0.035 χ^2/NDF : 556761.6/17

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -0.637+/-0.852 χ^2 /NDF: 12.6/15

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

Right Out: -0.610+/-0.885 χ^2 /NDF: 14.1/17

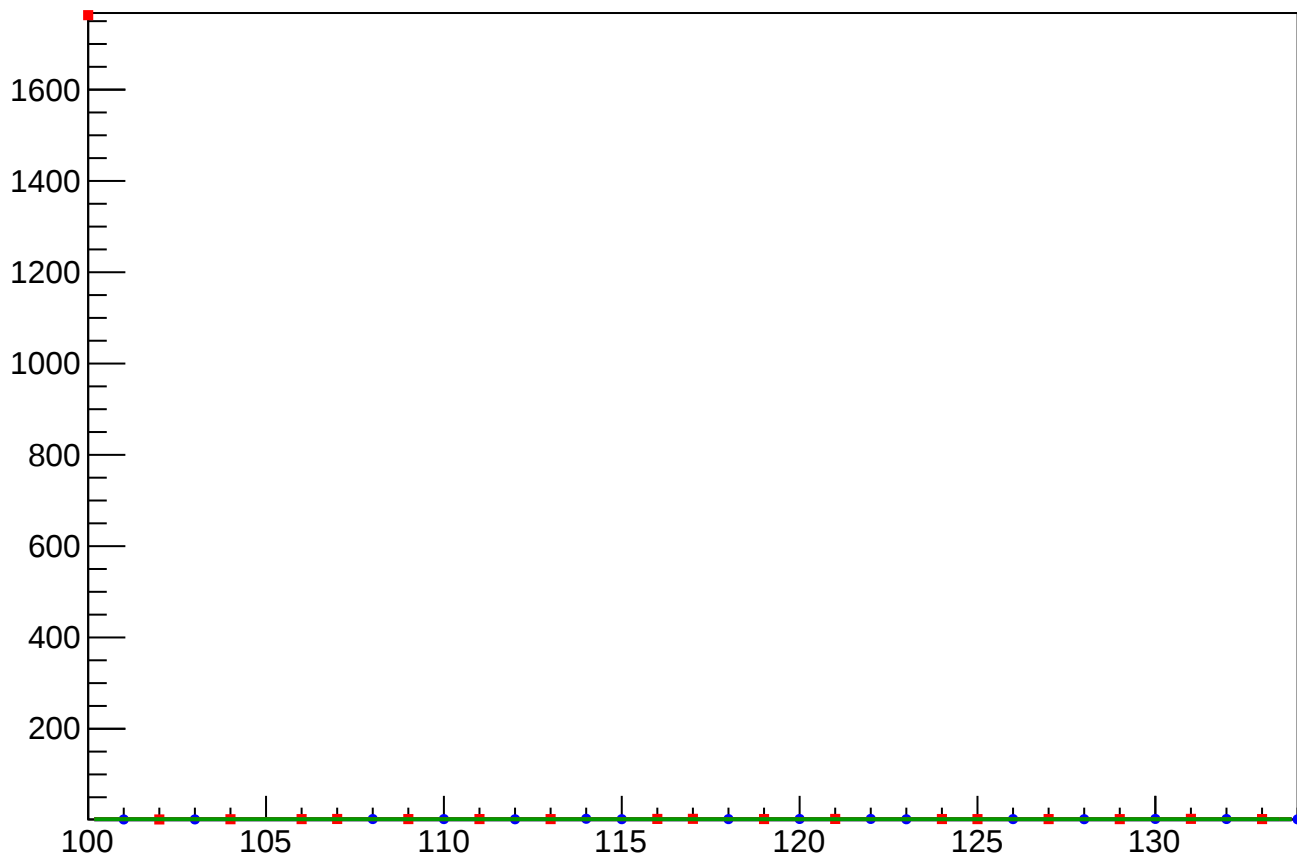
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.637+/-0.852 χ^2 /NDF: 12.6/15

-0.624+/-0.614 χ^2 /NDF: 26.7/33

-0.610+/-0.885 χ^2 /NDF: 14.1/17

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.834 $\pm$ 0.001 χ^2 /NDF: 456663.2/15

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

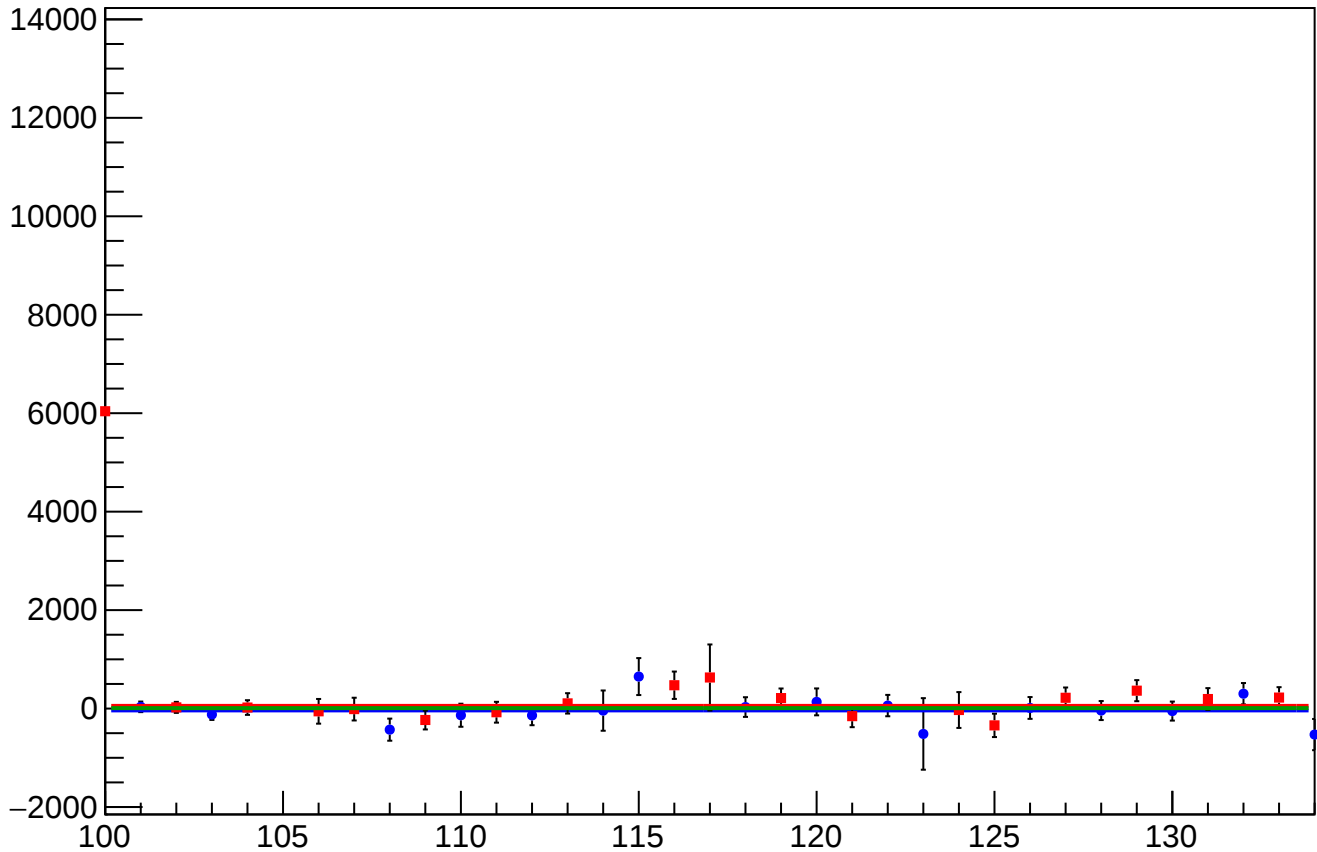
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.834 $\pm$ 0.001 χ^2 /NDF: 456663.2/15

1.938 $\pm$ 0.000 χ^2 /NDF: 1028793.6/33

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

asym_dsr_mean vs Slug, Sign Corrected



Right In: -36.814 $\pm$ 49.252 χ^2 /NDF: 13.9/15

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

Right Out: 54.325 $\pm$ 49.574 χ^2 /NDF: 14.7/17

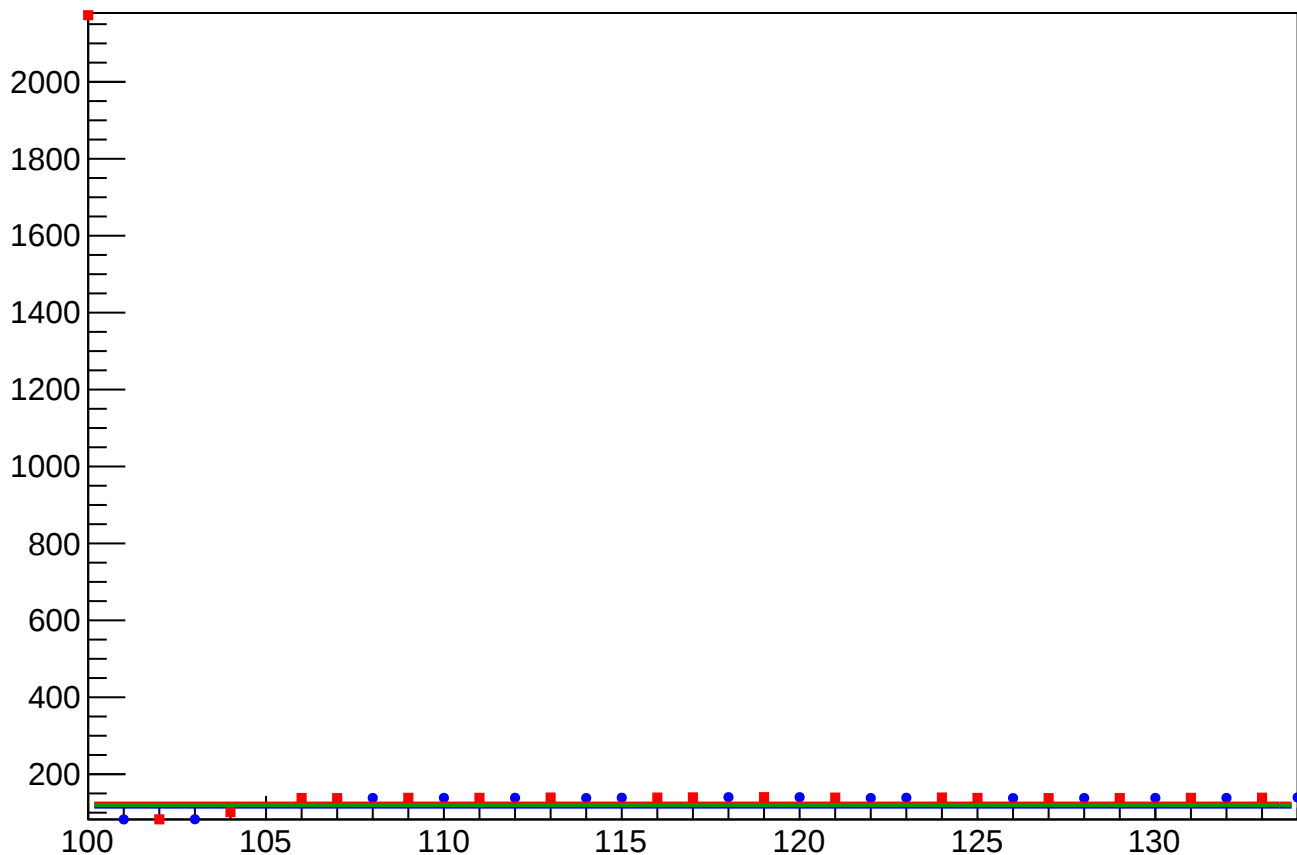
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-36.814 $\pm$ 49.252 χ^2 /NDF: 13.9/15

8.459 $\pm$ 34.940 χ^2 /NDF: 30.3/33

54.325 $\pm$ 49.574 χ^2 /NDF: 14.7/17

asym_dsr_rms vs Slug, Sign Corrected



Right In: 115.668 $\pm$ 0.035 χ^2 /NDF: 626489.4/15

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

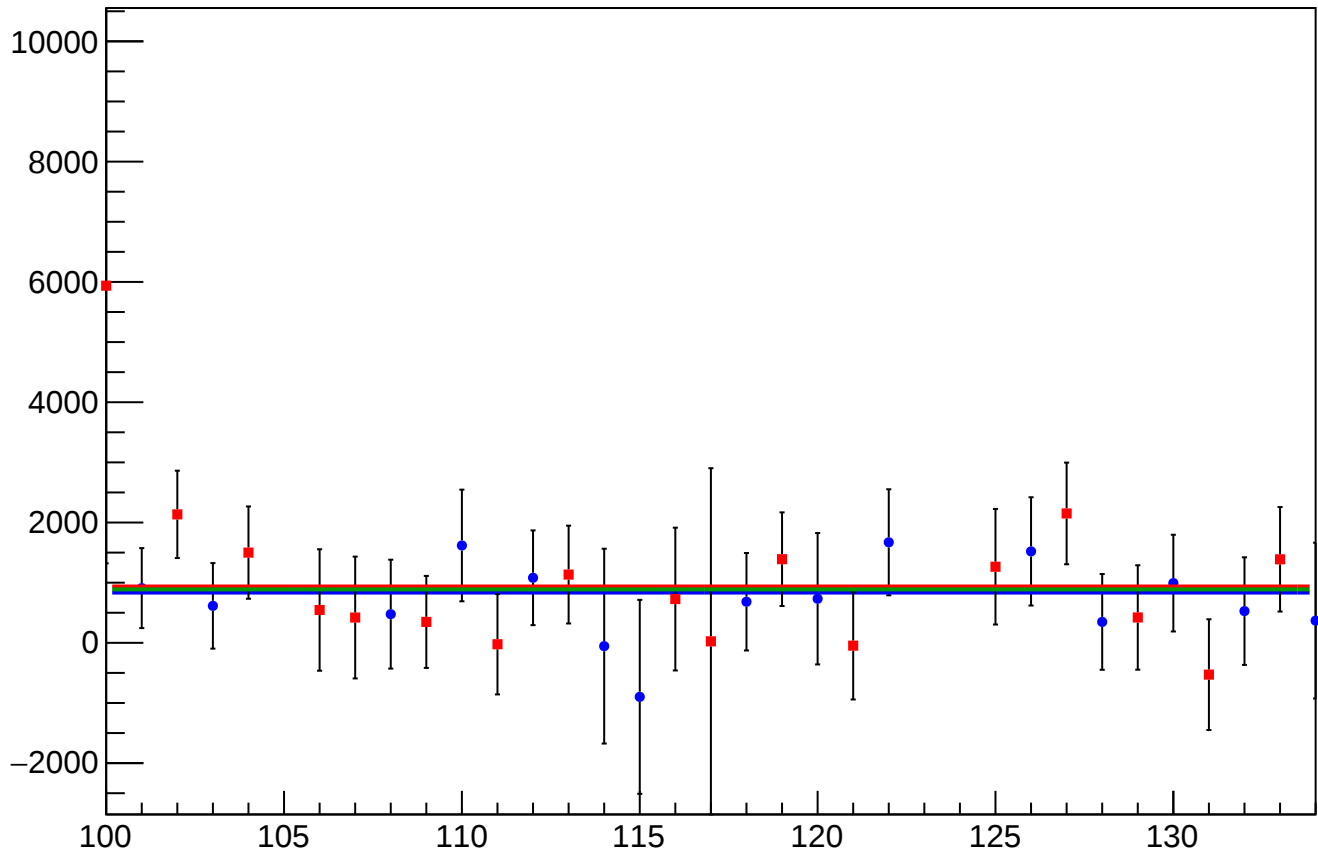
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

115.668 $\pm$ 0.035 χ^2 /NDF: 626489.4/15

119.642 $\pm$ 0.025 χ^2 /NDF: 1219951.5/33

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

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 835.879+/-230.298 χ^2/NDF : 4.7/14

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

Right Out: 936.528+/-221.941 χ^2/NDF : 13.8/16

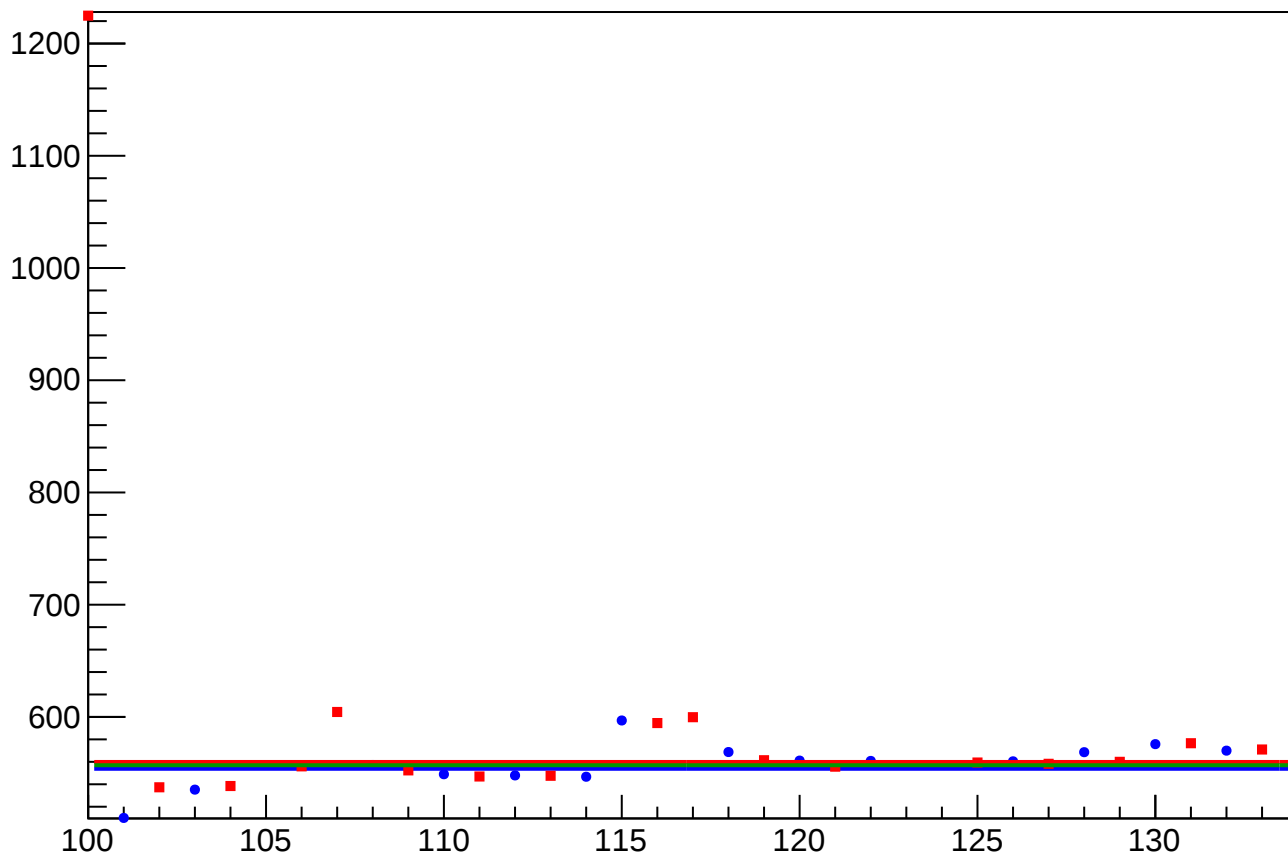
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

835.879+/-230.298 χ^2/NDF : 4.7/14

888.063+/-159.809 χ^2/NDF : 18.7/31

936.528+/-221.941 χ^2/NDF : 13.8/16

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 553.809+/-0.163 χ^2/NDF : 15853.2/14

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

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

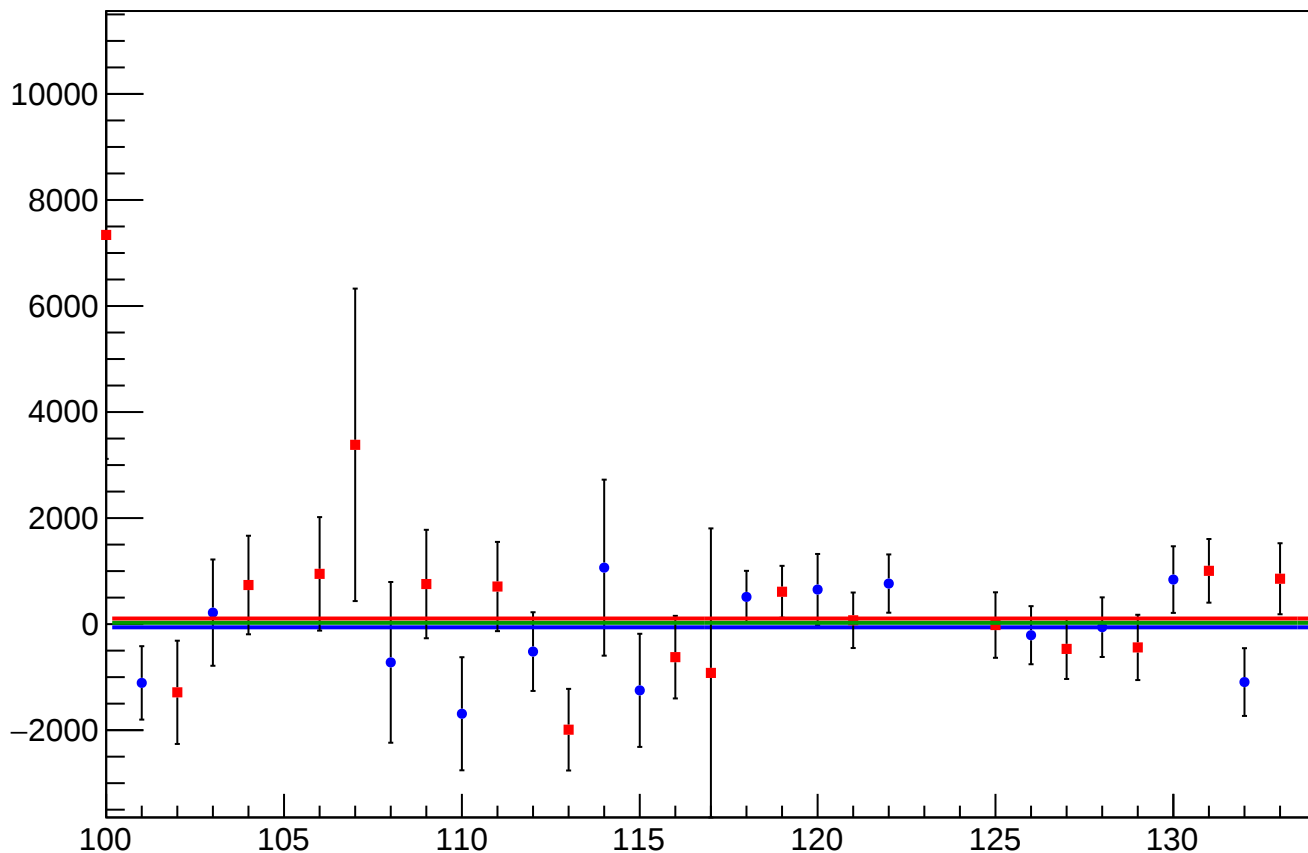
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

553.809+/-0.163 χ^2/NDF : 15853.2/14

556.955+/-0.113 χ^2/NDF : 69729.3/31

559.877+/-0.157 χ^2/NDF : 53156.0/16

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -60.394+/-184.936 χ^2/NDF : 17.6/14

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

Right Out: 105.596+/-181.654 χ^2/NDF : 23.1/16

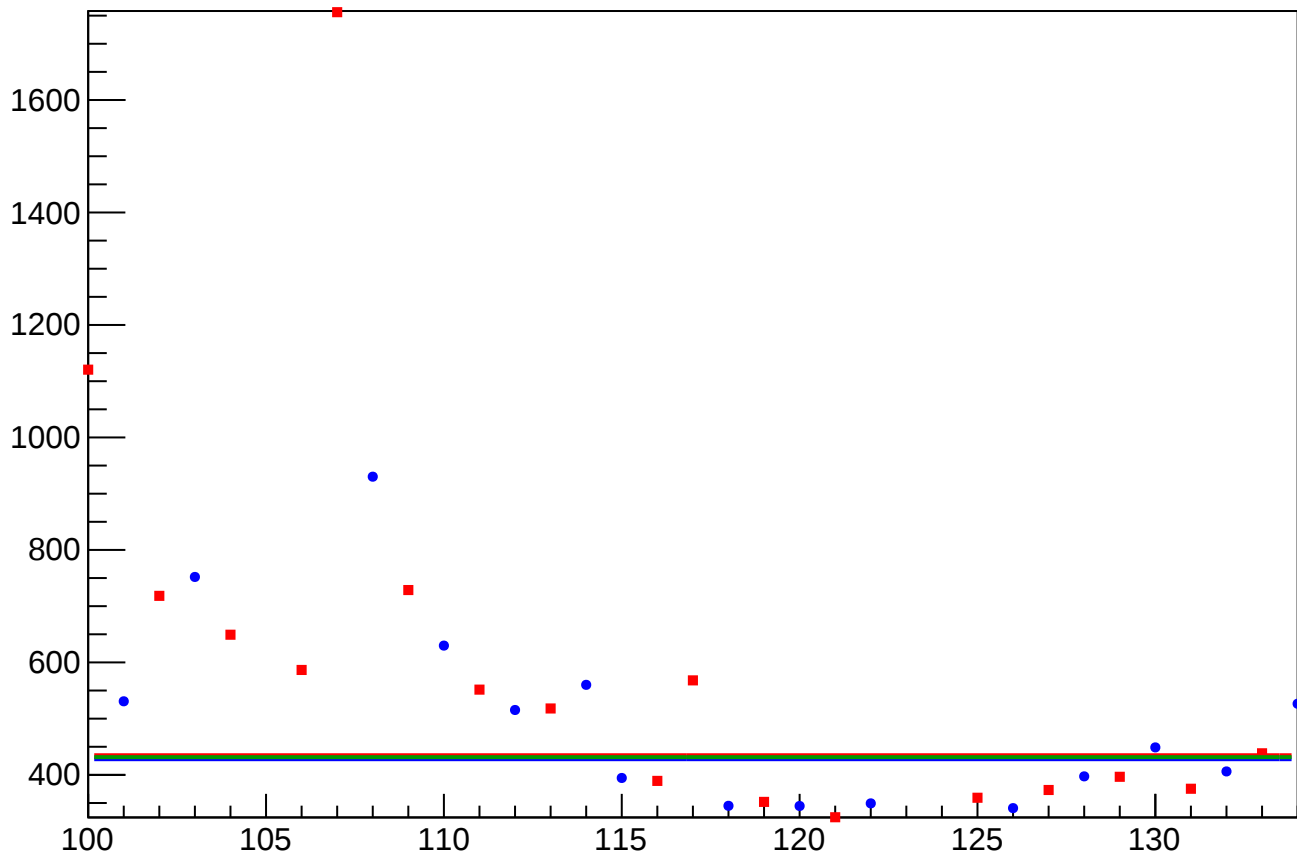
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.394+/-184.936 χ^2/NDF : 17.6/14

24.087+/-129.593 χ^2/NDF : 41.1/31

105.596+/-181.654 χ^2/NDF : 23.1/16

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 427.918+/-0.131 χ^2/NDF : 788794.5/14

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

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

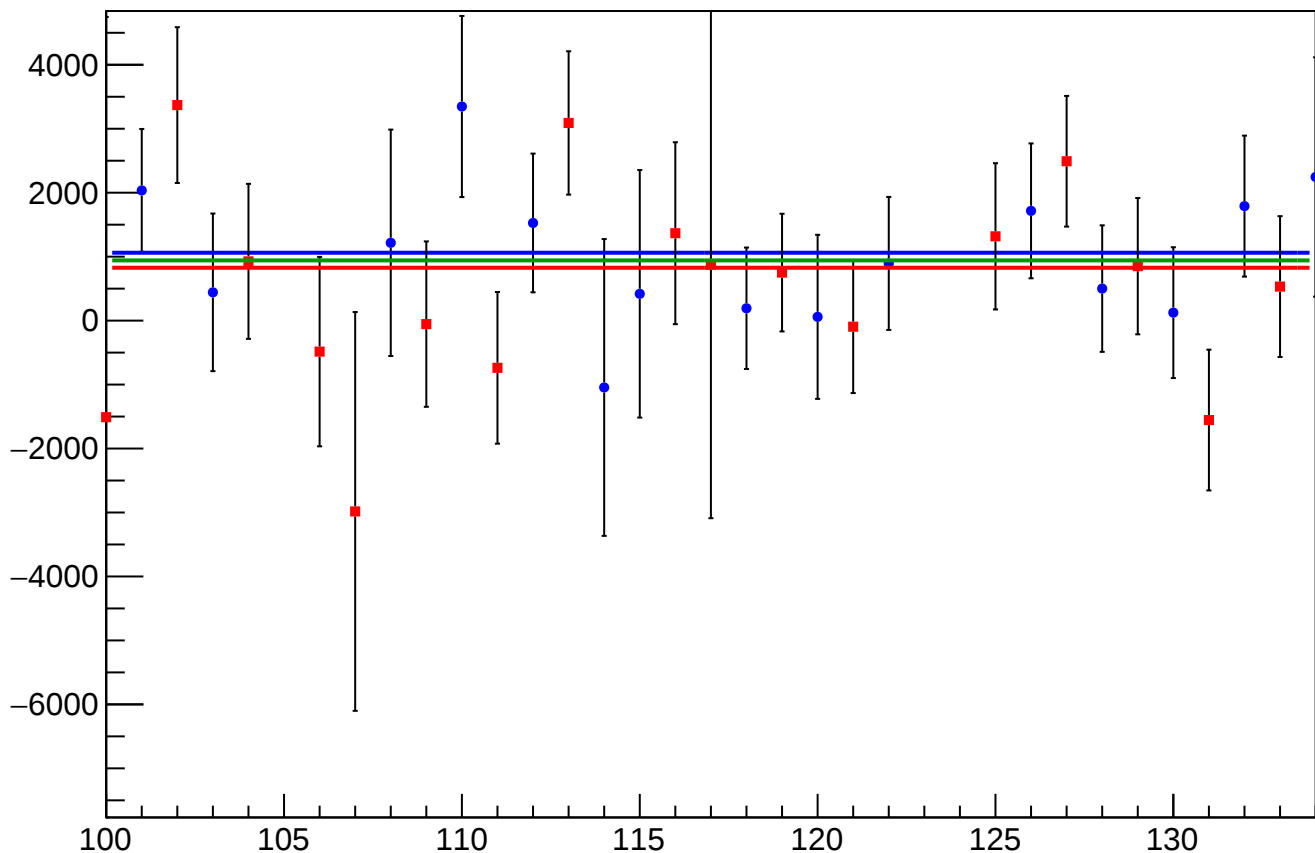
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.918+/-0.131 χ^2/NDF : 788794.5/14

431.482+/-0.092 χ^2/NDF : 2026670.7/31

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

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1061.474+/-308.713 χ^2/NDF : 8.9/14

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

Right Out: 826.780+/-301.932 χ^2/NDF : 21.6/16

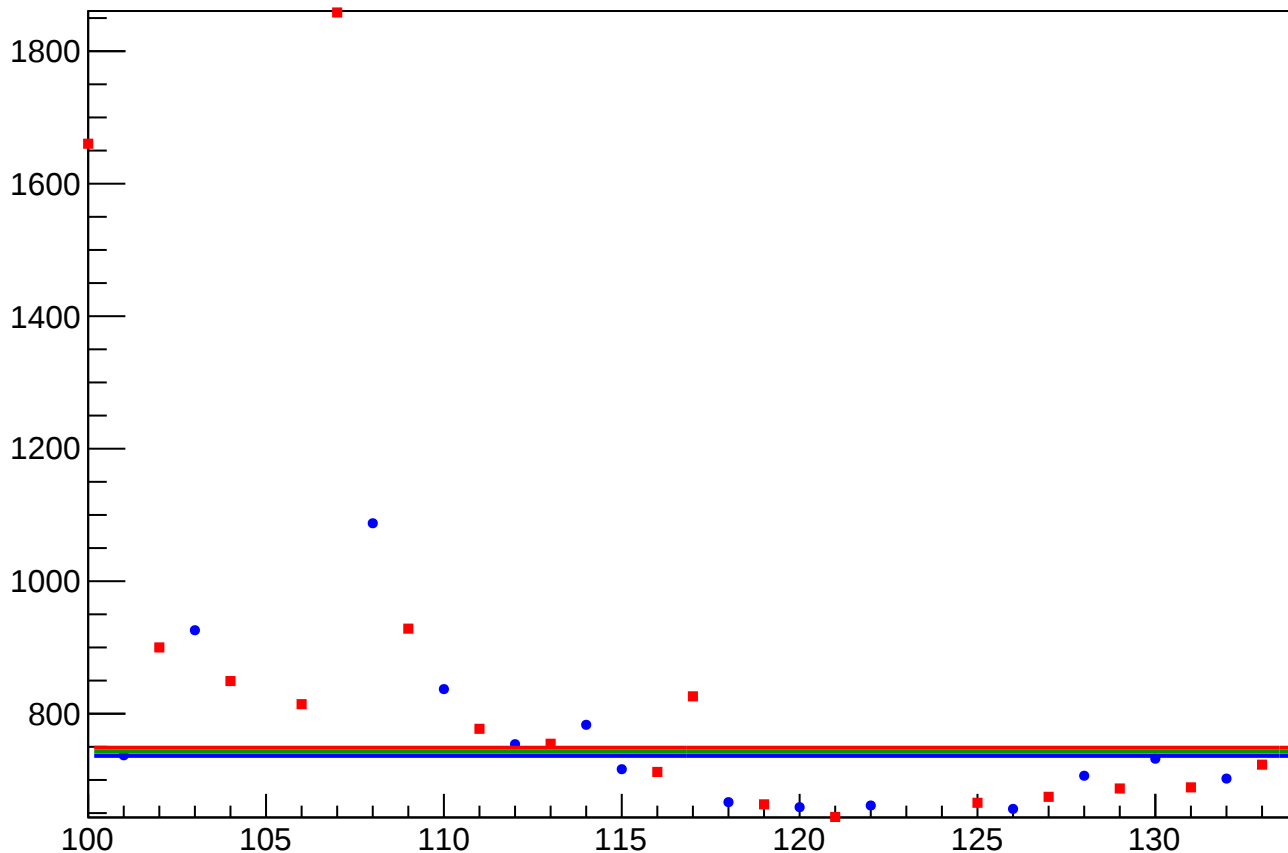
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1061.474+/-308.713 χ^2/NDF : 8.9/14

941.521+/-215.856 χ^2/NDF : 30.8/31

826.780+/-301.932 χ^2/NDF : 21.6/16

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 736.387+/-0.218 χ^2/NDF : 185185.4/14

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

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

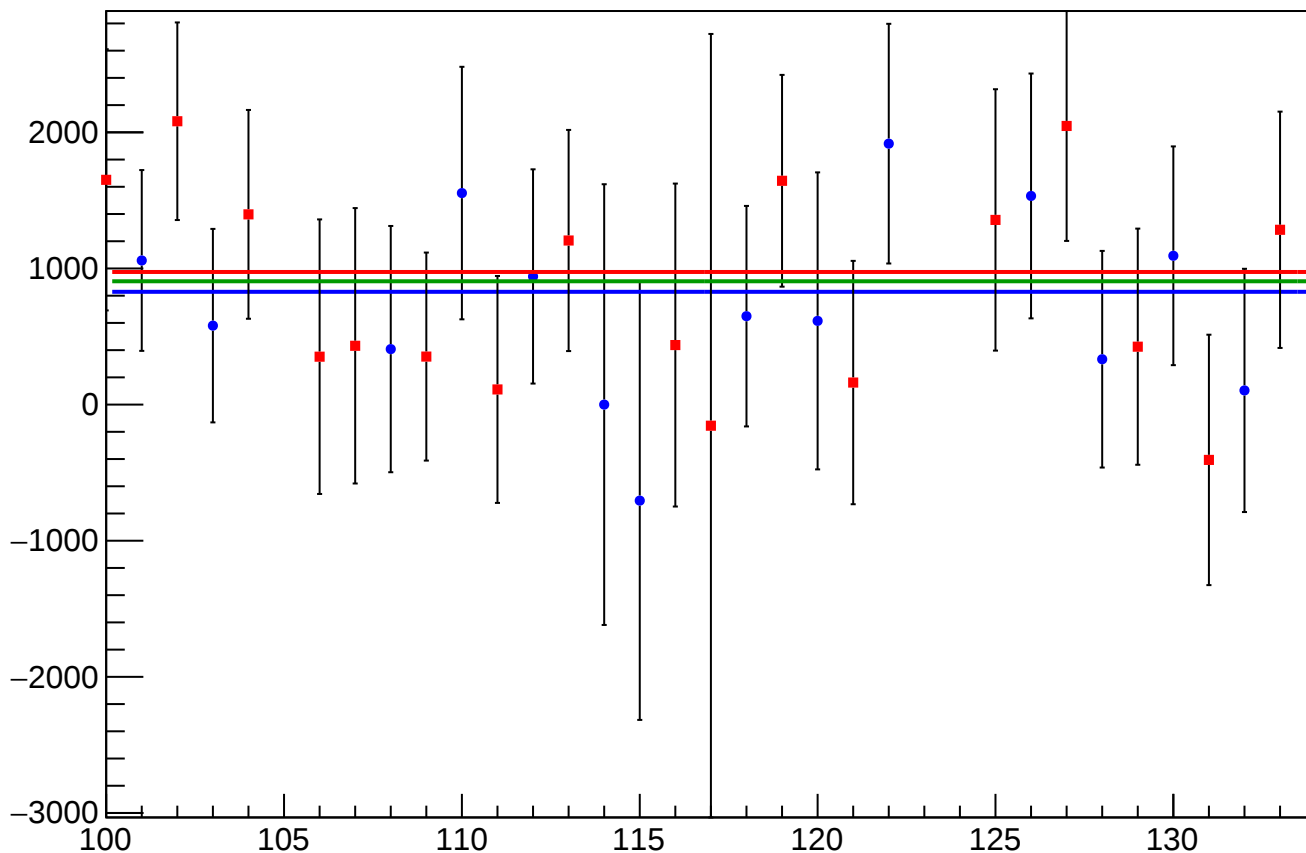
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

736.387+/-0.218 χ^2/NDF : 185185.4/14

742.660+/-0.153 χ^2/NDF : 645567.3/31

748.661+/-0.213 χ^2/NDF : 458766.1/16

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 828.529 $\pm$ 230.122 χ^2 /NDF: 5.7/14

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

Right Out: 974.243 $\pm$ 216.299 χ^2 /NDF: 12.1/16

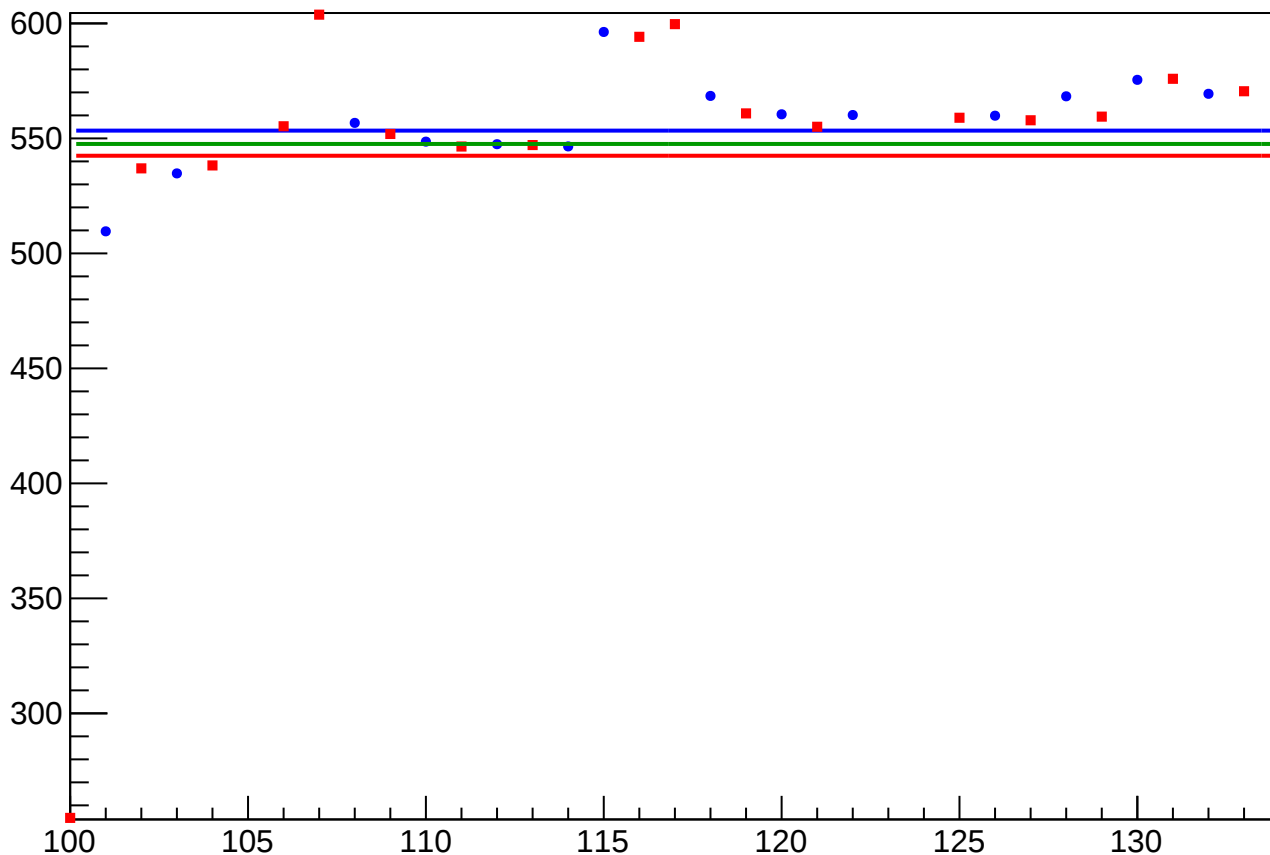
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

828.529 $\pm$ 230.122 χ^2 /NDF: 5.7/14

905.894 $\pm$ 157.607 χ^2 /NDF: 18.0/31

974.243 $\pm$ 216.299 χ^2 /NDF: 12.1/16

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 553.386+/-0.163 χ^2/NDF : 15881.9/14

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

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

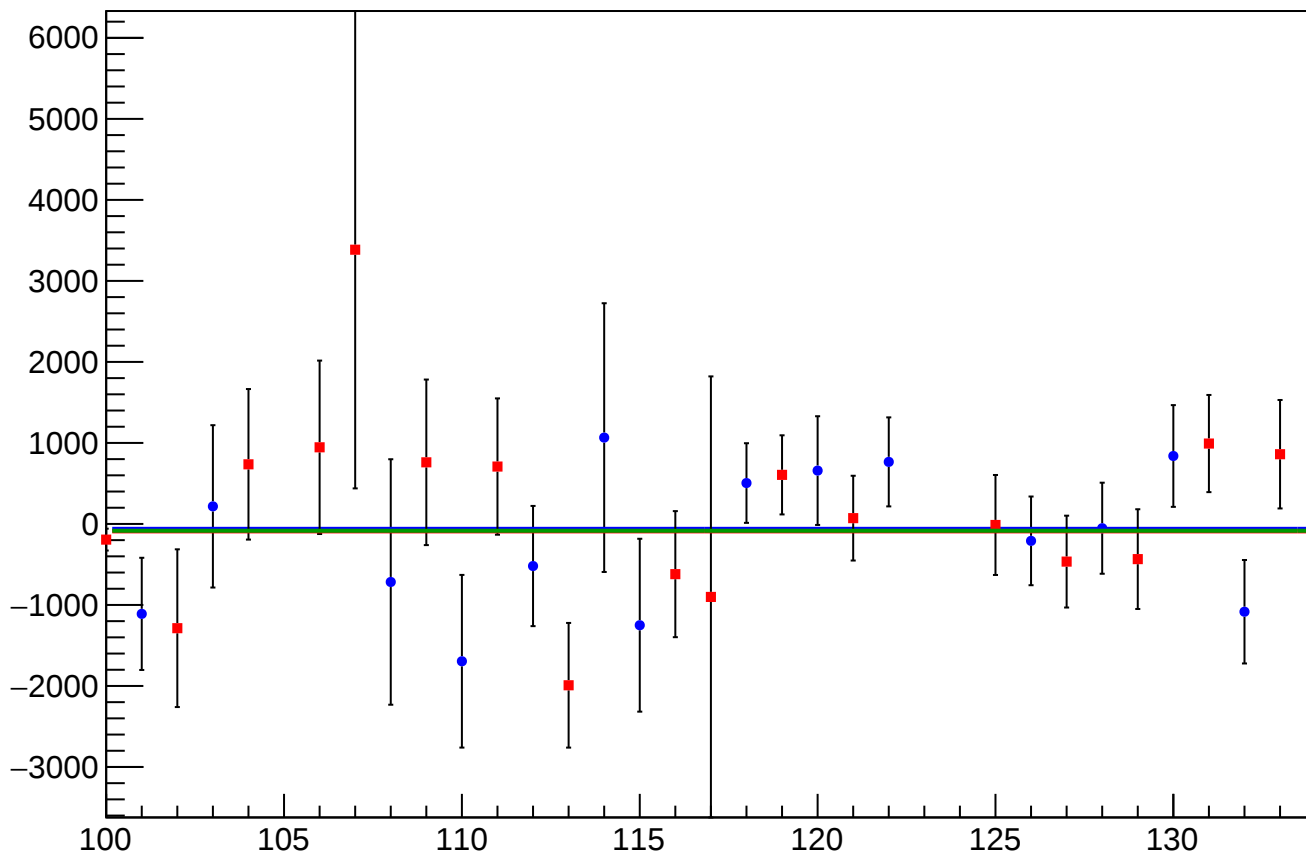
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

553.386+/-0.163 χ^2/NDF : 15881.9/14

547.585+/-0.111 χ^2/NDF : 219533.7/31

542.460+/-0.153 χ^2/NDF : 201258.2/16

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -60.174+/-184.846 χ^2/NDF : 17.6/14

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

Right Out: -92.014+/-108.352 χ^2/NDF : 21.6/16

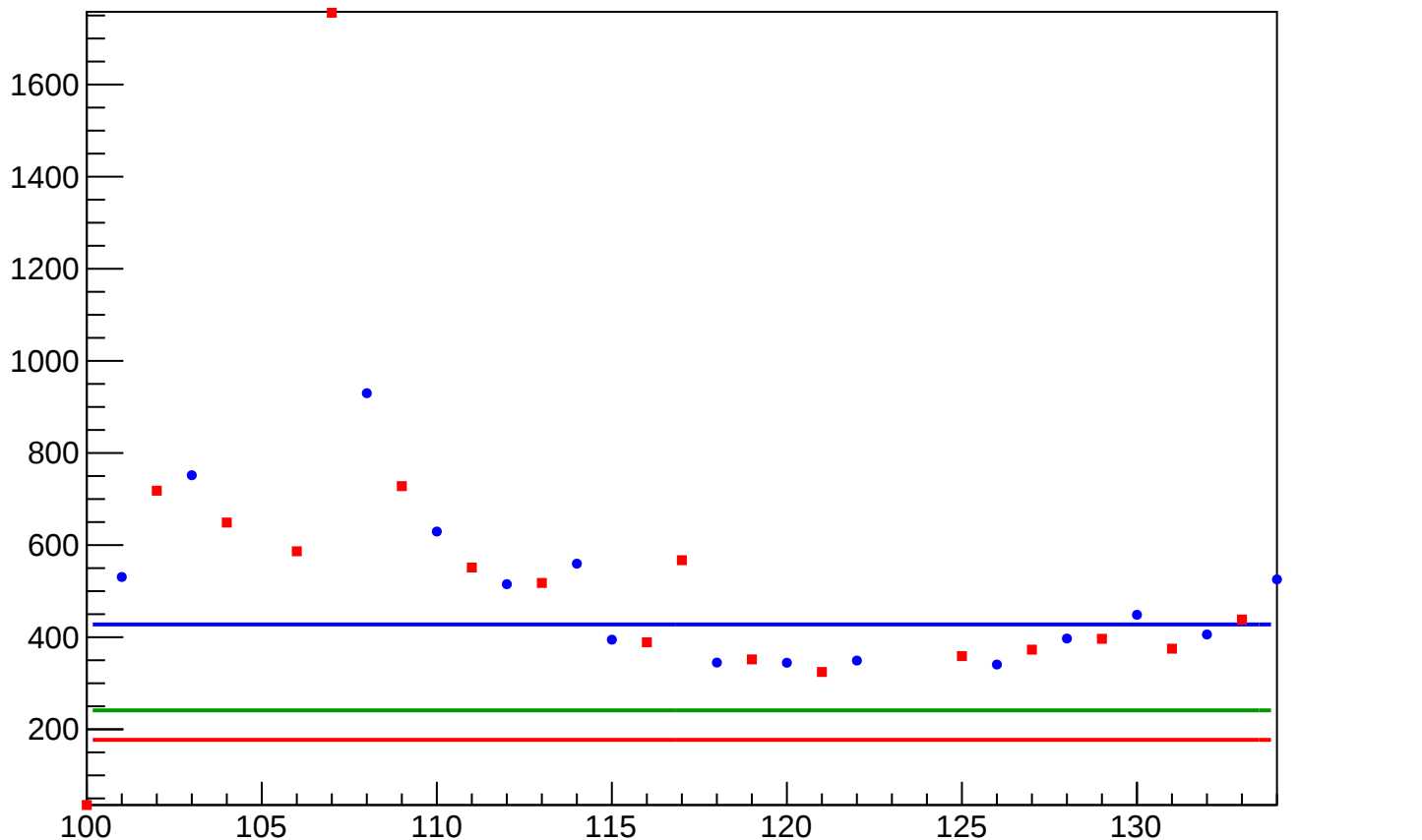
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.174+/-184.846 χ^2/NDF : 17.6/14

-83.872+/-93.476 χ^2/NDF : 39.2/31

-92.014+/-108.352 χ^2/NDF : 21.6/16

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 427.715+/-0.131 χ^2/NDF : 788627.2/14

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

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

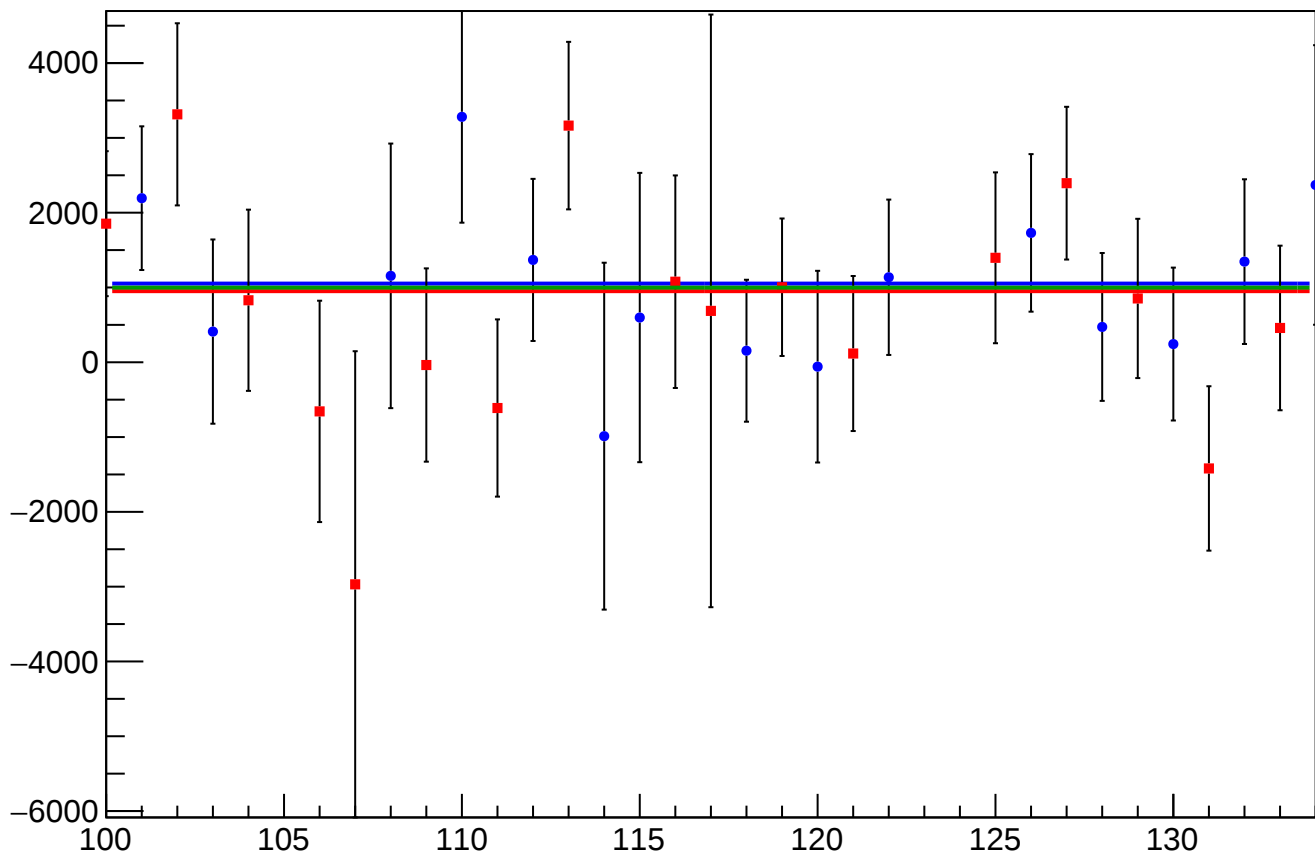
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.715+/-0.131 χ^2/NDF : 788627.2/14

241.172+/-0.066 χ^2/NDF : 10883959.2/31

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

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1051.839+/-308.506 χ^2/NDF : 8.7/14

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

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

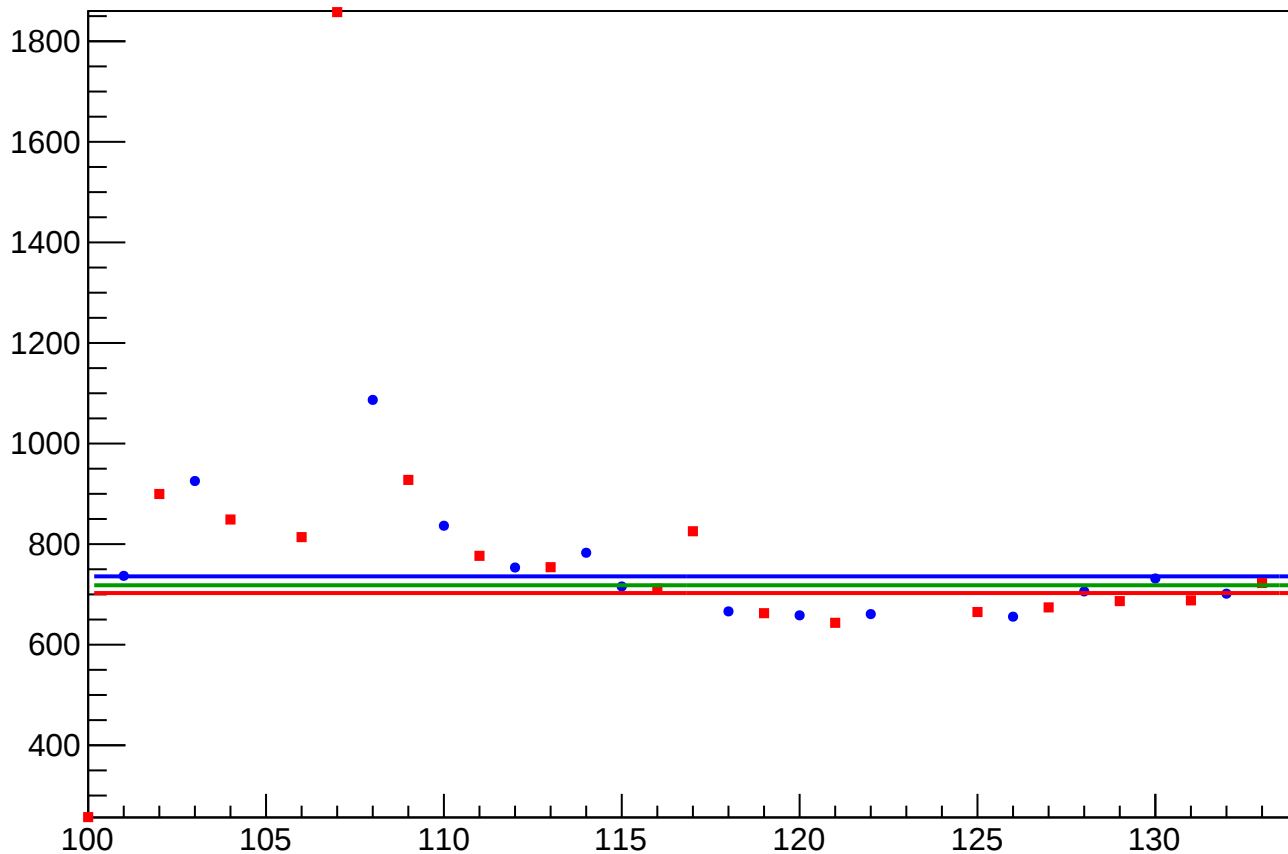
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1051.839+/-308.506 χ^2/NDF : 8.7/14

997.858+/-210.673 χ^2/NDF : 30.1/31

950.688+/-288.384 χ^2/NDF : 21.3/16

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 735.885 +/- 0.218 χ^2/NDF : 185327.7/14

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

Right Out: 702.698 +/- 0.204 χ^2/NDF : 880551.8/16

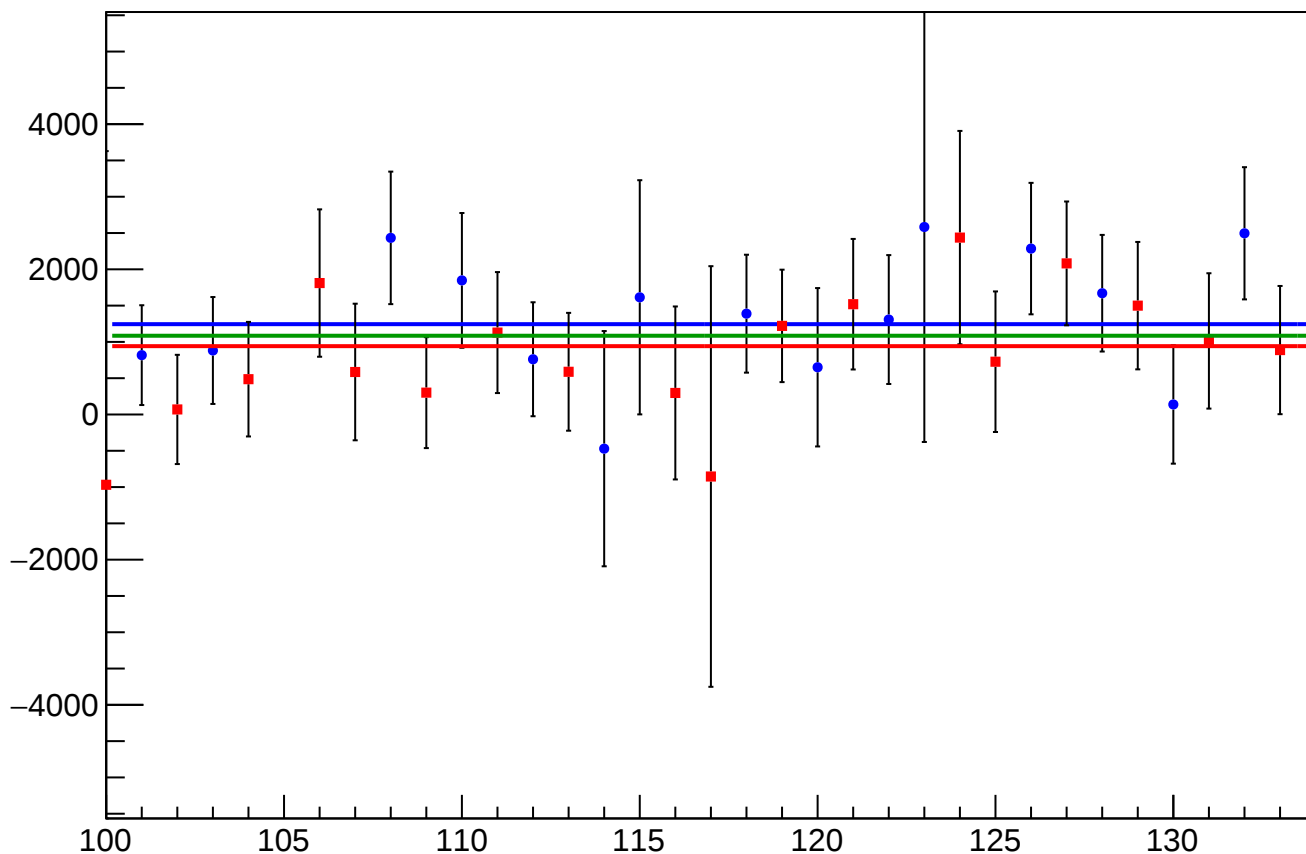
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

735.885 +/- 0.218 χ^2/NDF : 185327.7/14

718.174 +/- 0.149 χ^2/NDF : 1078231.3/31

702.698 +/- 0.204 χ^2/NDF : 880551.8/16

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1244.390+/-232.470 χ^2/NDF : 11.9/15

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

Right Out: 941.433+/-220.580 χ^2/NDF : 8.2/17

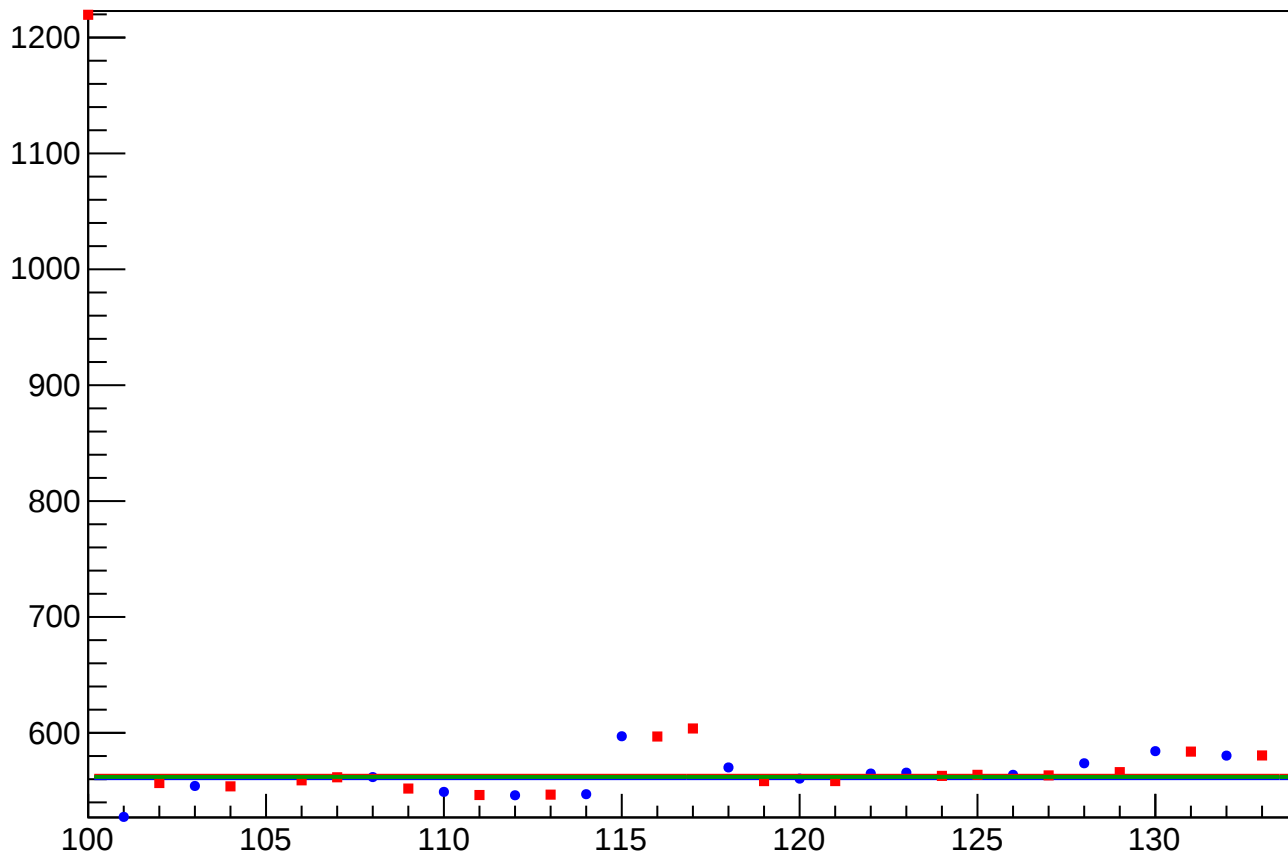
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1244.390+/-232.470 χ^2/NDF : 11.9/15

1084.966+/-160.012 χ^2/NDF : 20.9/33

941.433+/-220.580 χ^2/NDF : 8.2/17

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 560.921+/-0.164 χ^2/NDF : 10821.5/15

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

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

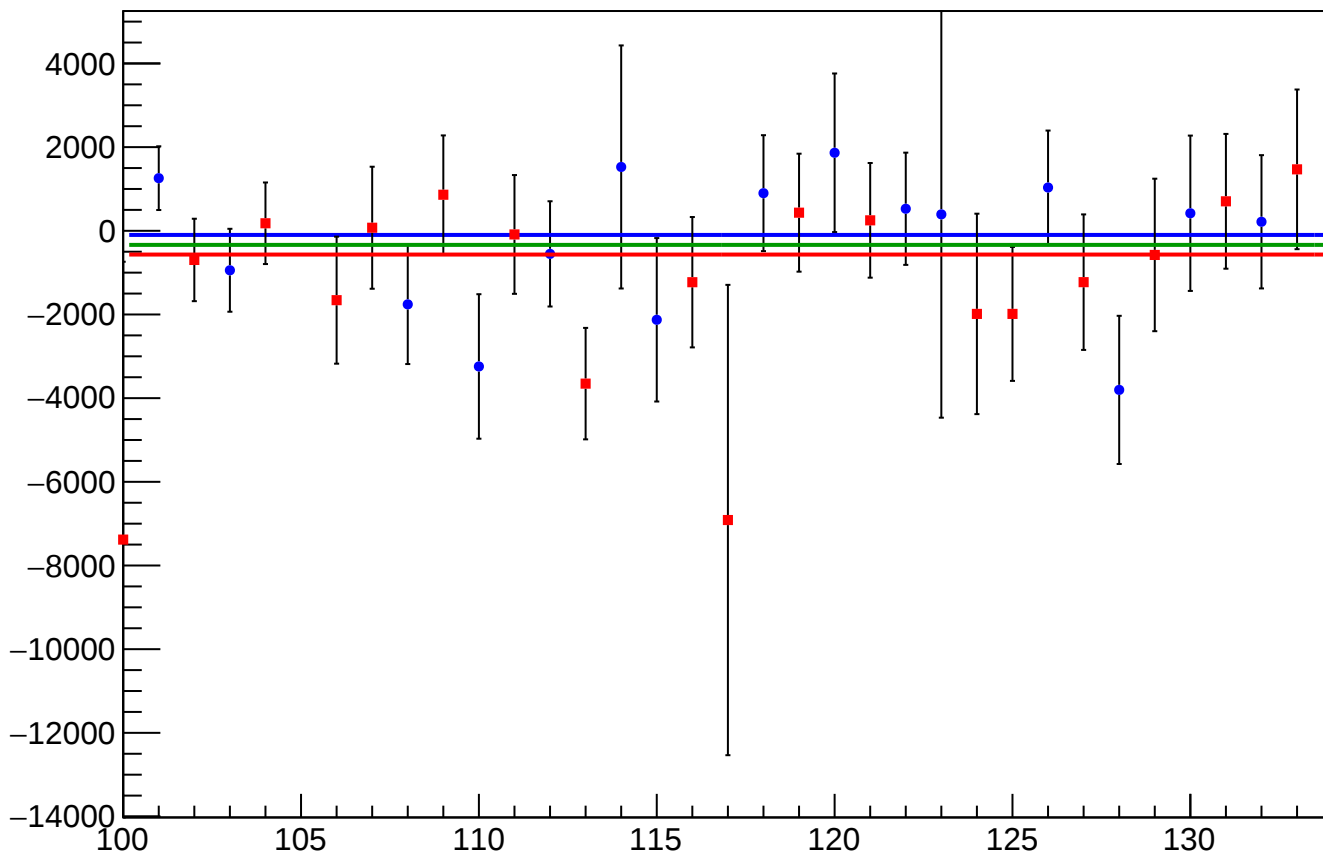
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

560.921+/-0.164 χ^2/NDF : 10821.5/15

561.989+/-0.113 χ^2/NDF : 58124.7/33

562.951+/-0.156 χ^2/NDF : 47222.9/17

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -98.470 ± 359.988 χ^2/NDF : 17.2/15

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

Right Out: -567.692 ± 354.605 χ^2/NDF : 14.2/17

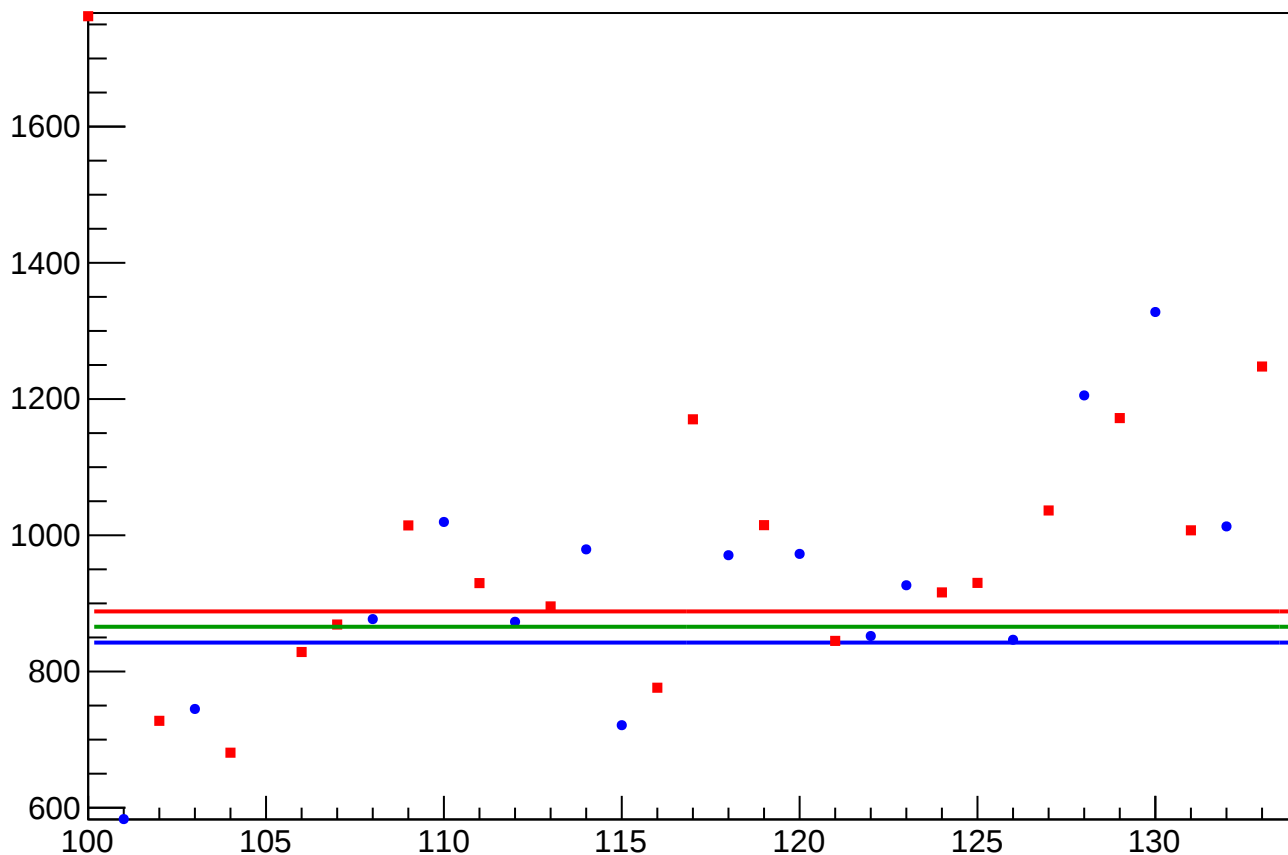
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-98.470 ± 359.988 χ^2/NDF : 17.2/15

-336.615 ± 252.625 χ^2/NDF : 32.3/33

-567.692 ± 354.605 χ^2/NDF : 14.2/17

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 842.477+/-0.255 χ^2/NDF : 565222.4/15

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

Right Out: 888.227+/-0.251 χ^2/NDF : 381702.8/17

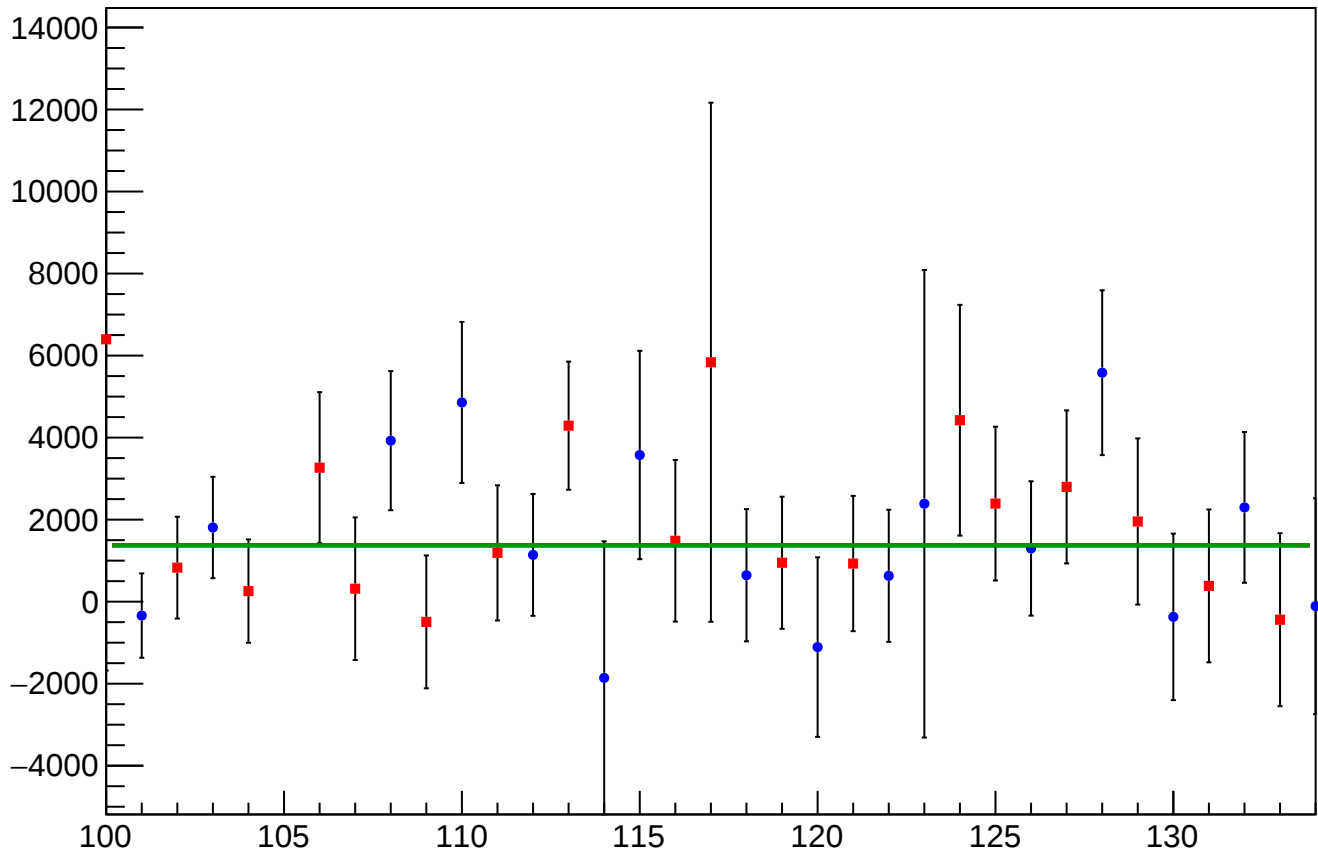
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

842.477+/-0.255 χ^2/NDF : 565222.4/15

865.697+/-0.179 χ^2/NDF : 963319.6/33

888.227+/-0.251 χ^2/NDF : 381702.8/17

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1373.177+/-437.720 χ^2/NDF : 17.5/15

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

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

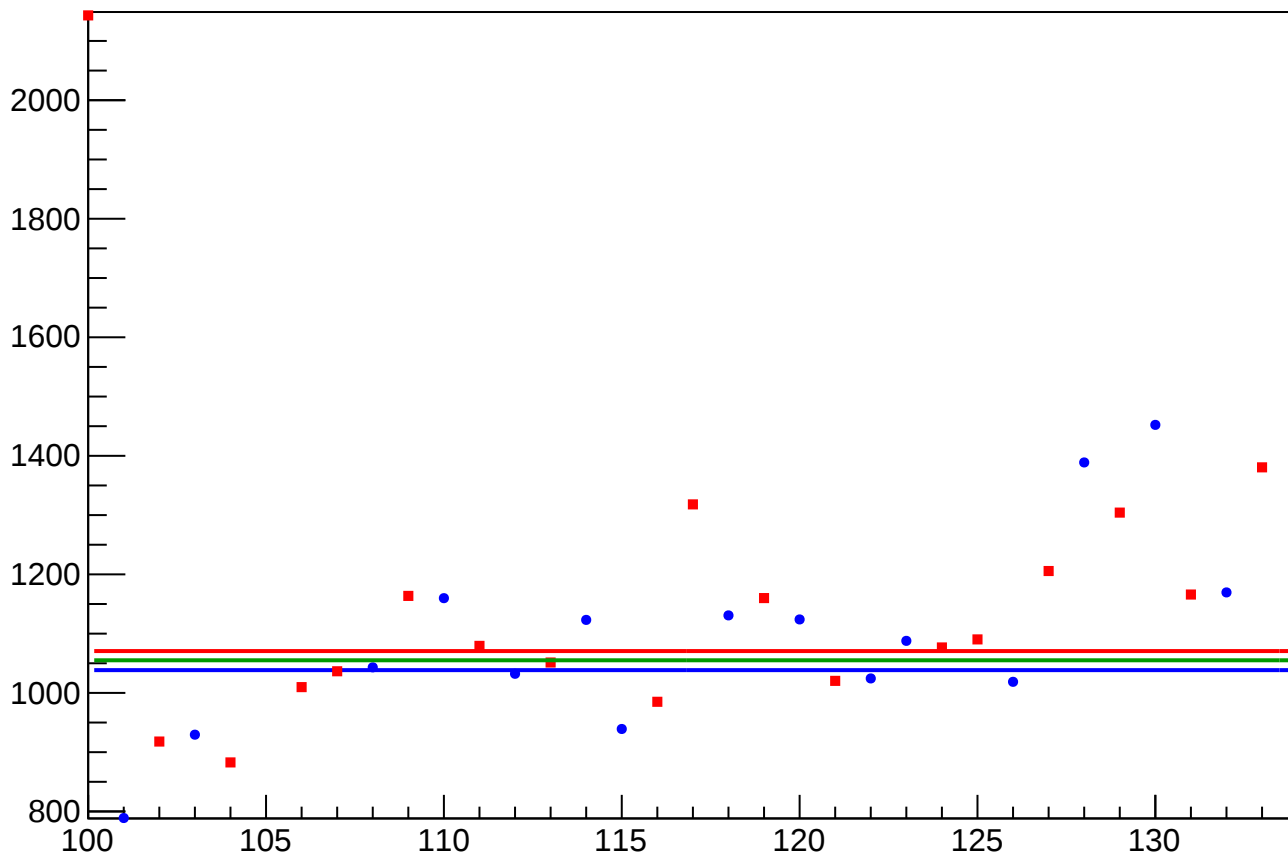
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1373.177+/-437.720 χ^2/NDF : 17.5/15

1372.570+/-304.453 χ^2/NDF : 28.9/33

1372.000+/-423.742 χ^2/NDF : 11.4/17

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 1038.420+/-0.310 χ^2/NDF : 313337.3/15

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

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

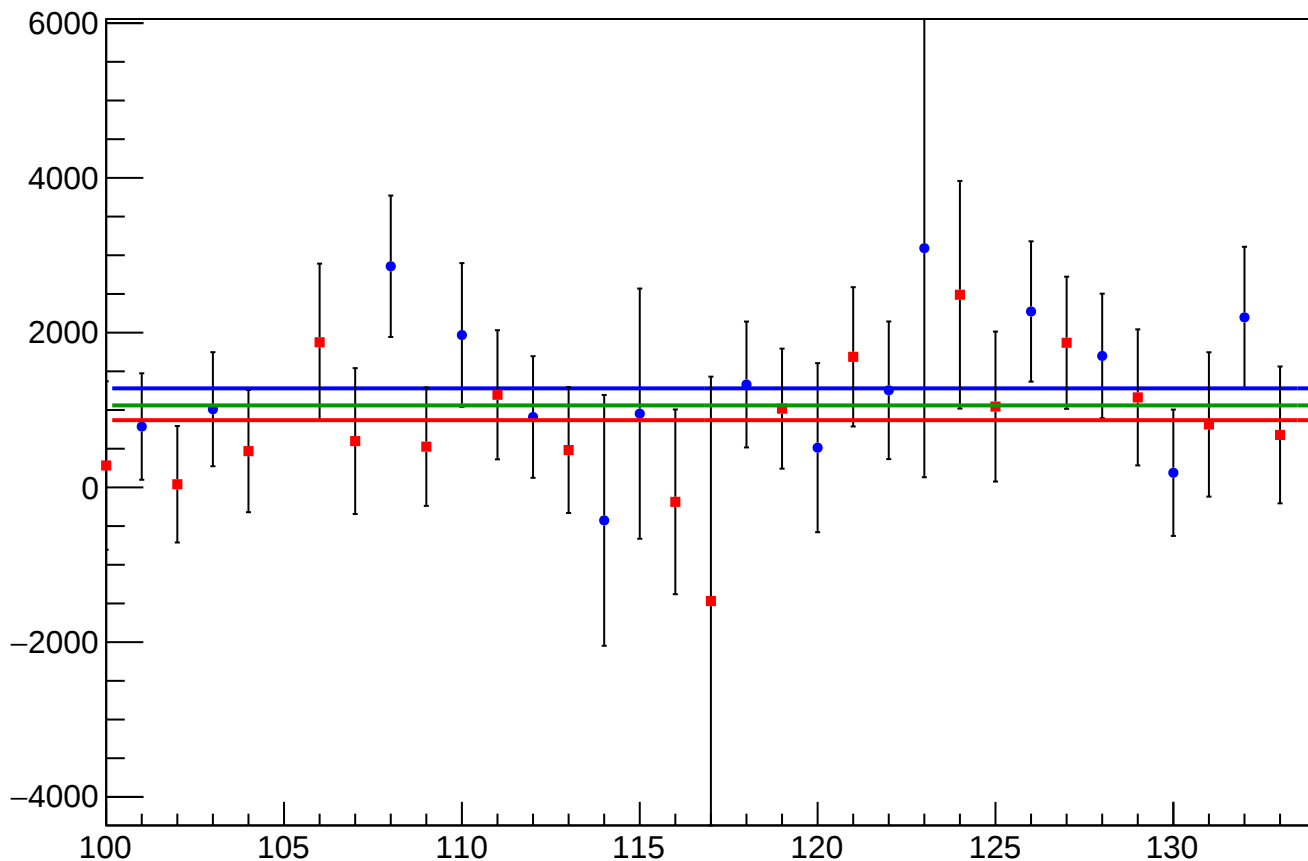
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1038.420+/-0.310 χ^2/NDF : 313337.3/15

1055.031+/-0.215 χ^2/NDF : 539395.7/33

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

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1279.854 $\pm$ 232.753 χ^2/NDF : 11.6/15

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

Right Out: 868.722 $\pm$ 216.676 χ^2/NDF : 8.5/17

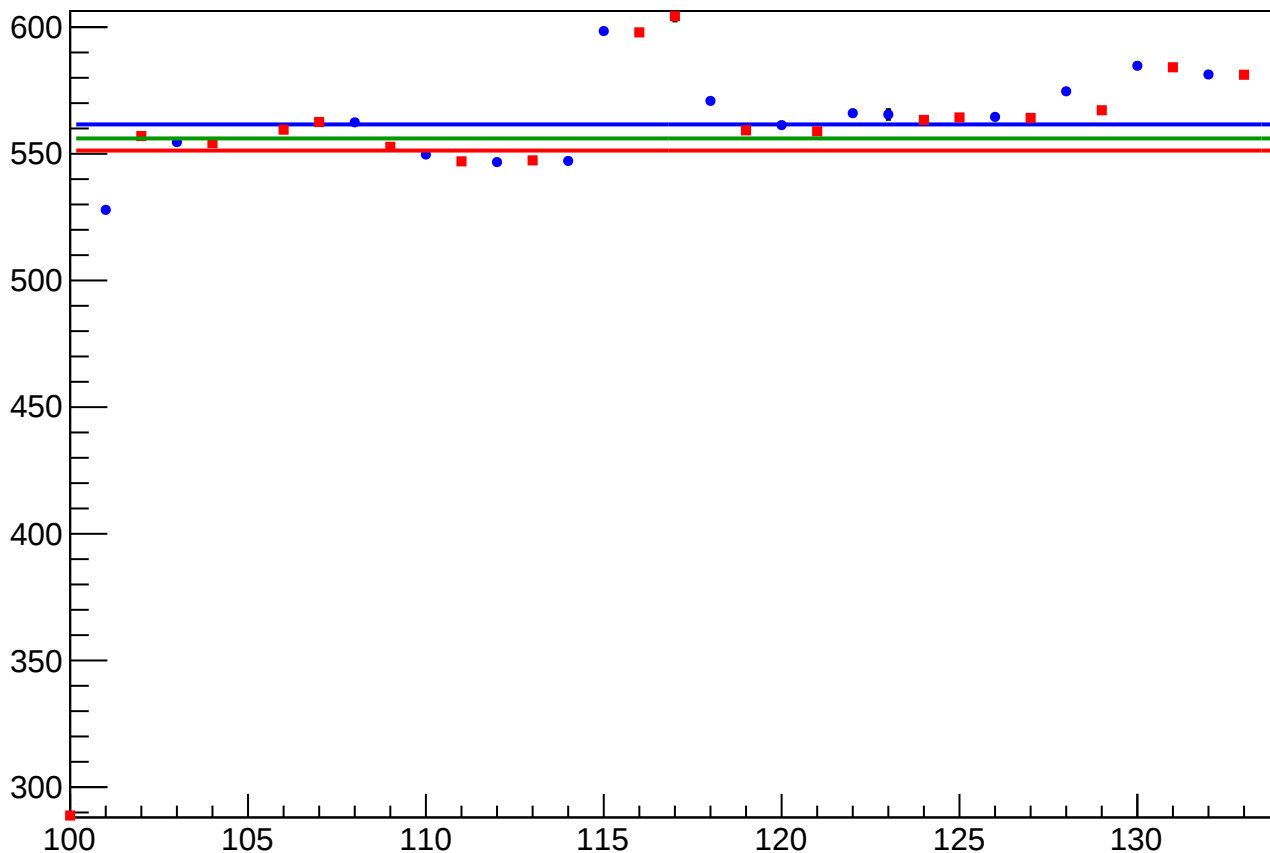
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1279.854 $\pm$ 232.753 χ^2/NDF : 11.6/15

1059.600 $\pm$ 158.592 χ^2/NDF : 21.7/33

868.722 $\pm$ 216.676 χ^2/NDF : 8.5/17

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 561.598 $\pm$ 0.165 χ^2 /NDF: 10998.2/15

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

Right Out: 551.282 $\pm$ 0.153 χ^2 /NDF: 127419.2/17

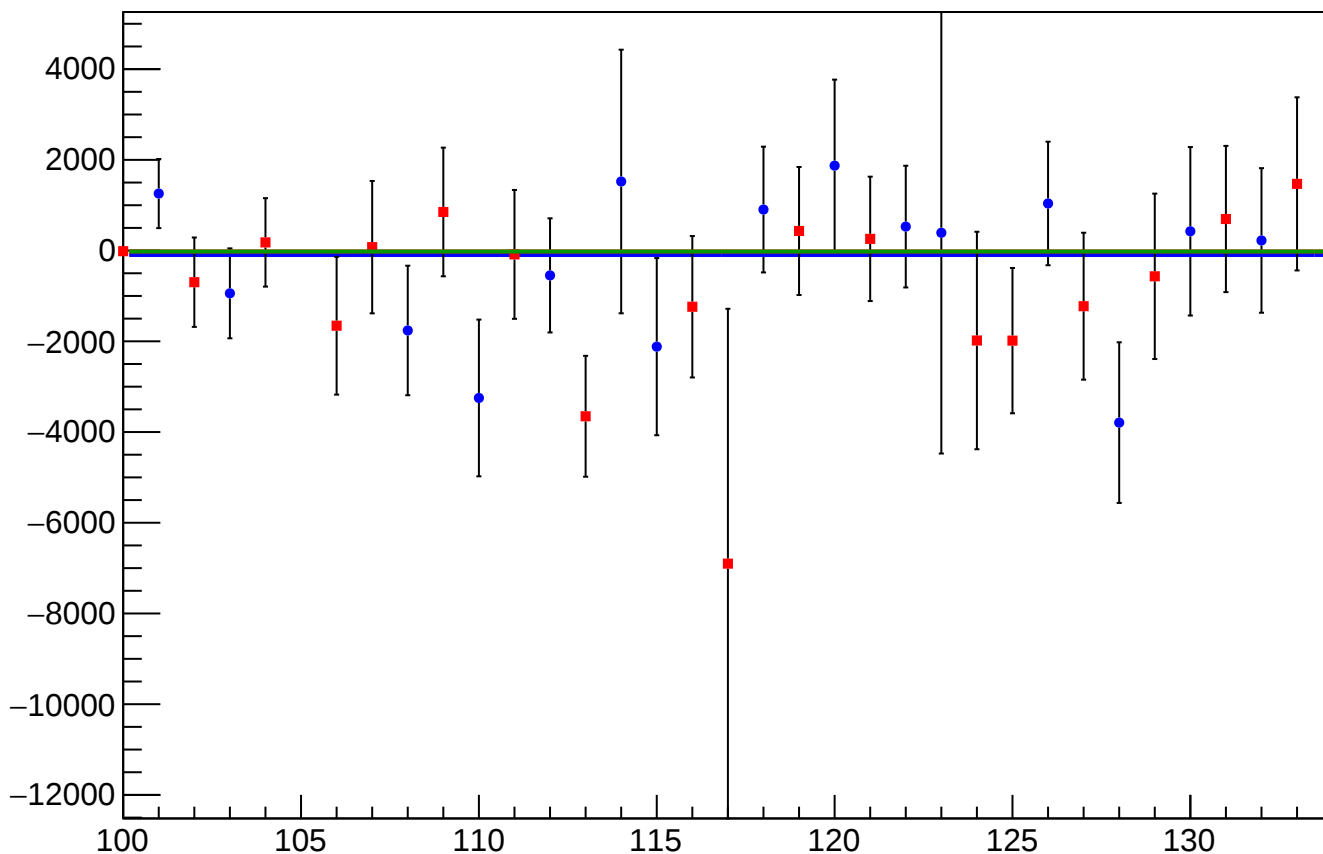
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

561.598 $\pm$ 0.165 χ^2 /NDF: 10998.2/15

556.071 $\pm$ 0.112 χ^2 /NDF: 140521.9/33

551.282 $\pm$ 0.153 χ^2 /NDF: 127419.2/17

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -96.359+/-360.091 χ^2/NDF : 17.2/15

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

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

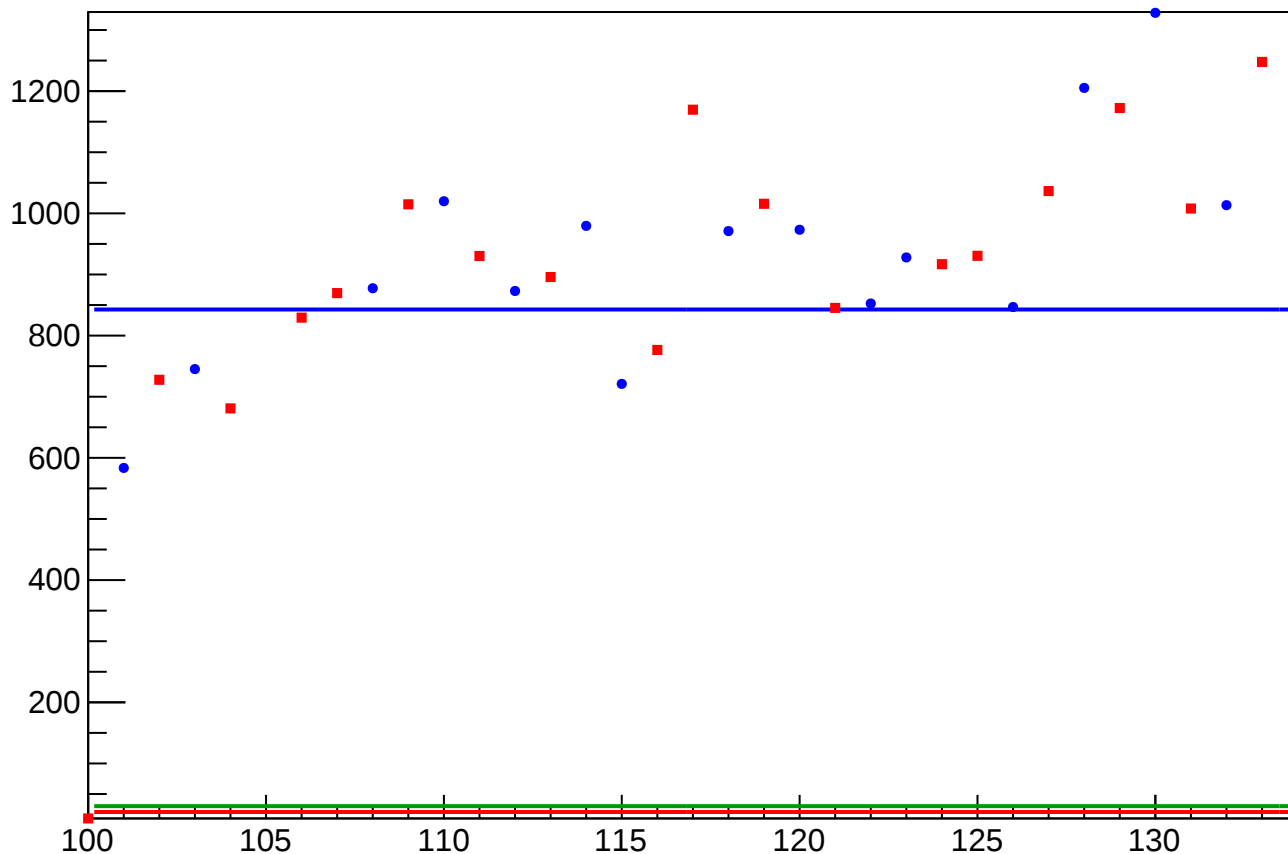
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-96.359+/-360.091 χ^2/NDF : 17.2/15

-20.339+/-38.760 χ^2/NDF : 32.6/33

-19.448+/-38.987 χ^2/NDF : 15.4/17

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 842.717 $\pm$ 0.255 χ^2 /NDF: 565200.3/15

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

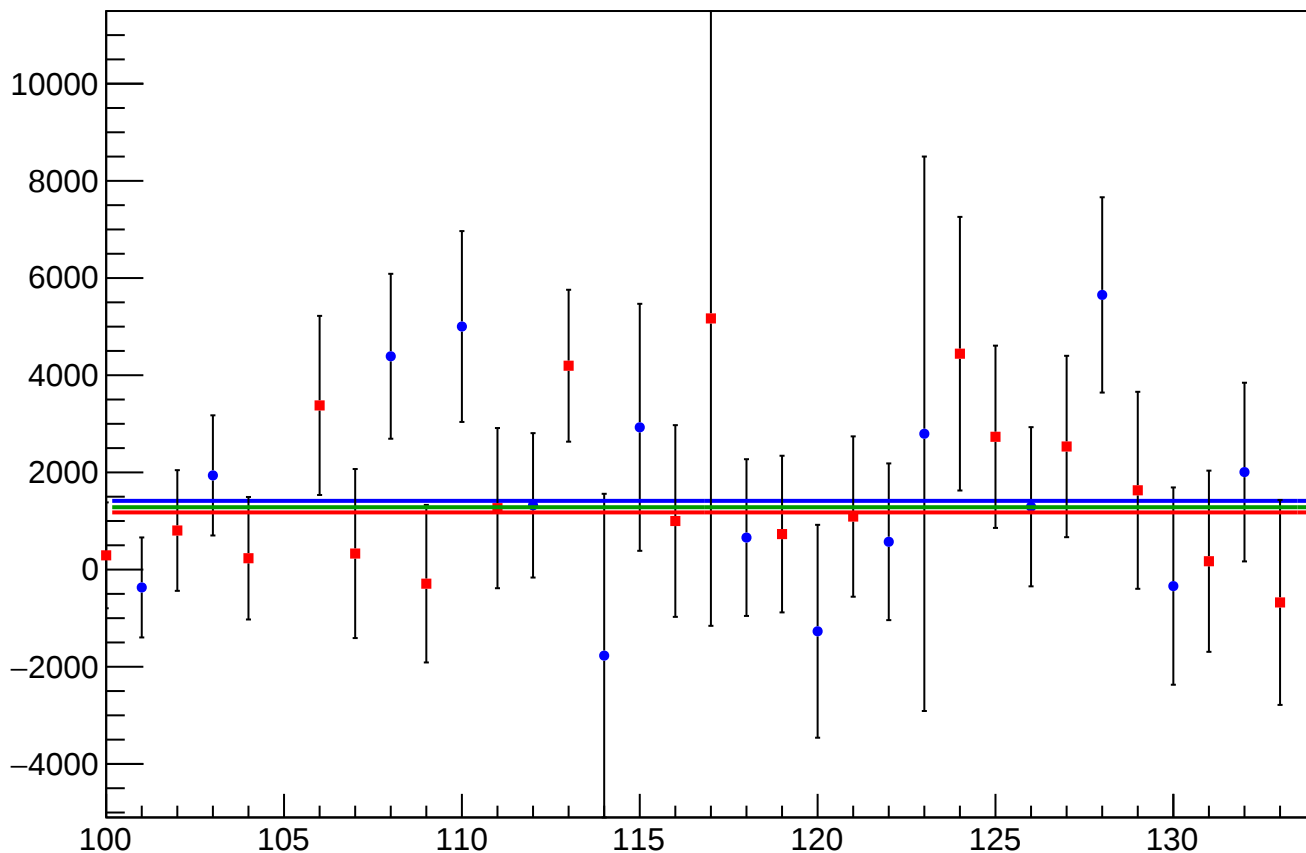
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

842.717 $\pm$ 0.255 χ^2 /NDF: 565200.3/15

30.120 $\pm$ 0.027 χ^2 /NDF: 23231934.6/33

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

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1414.304 $\pm$ 437.964 χ^2 /NDF: 18.4/15

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

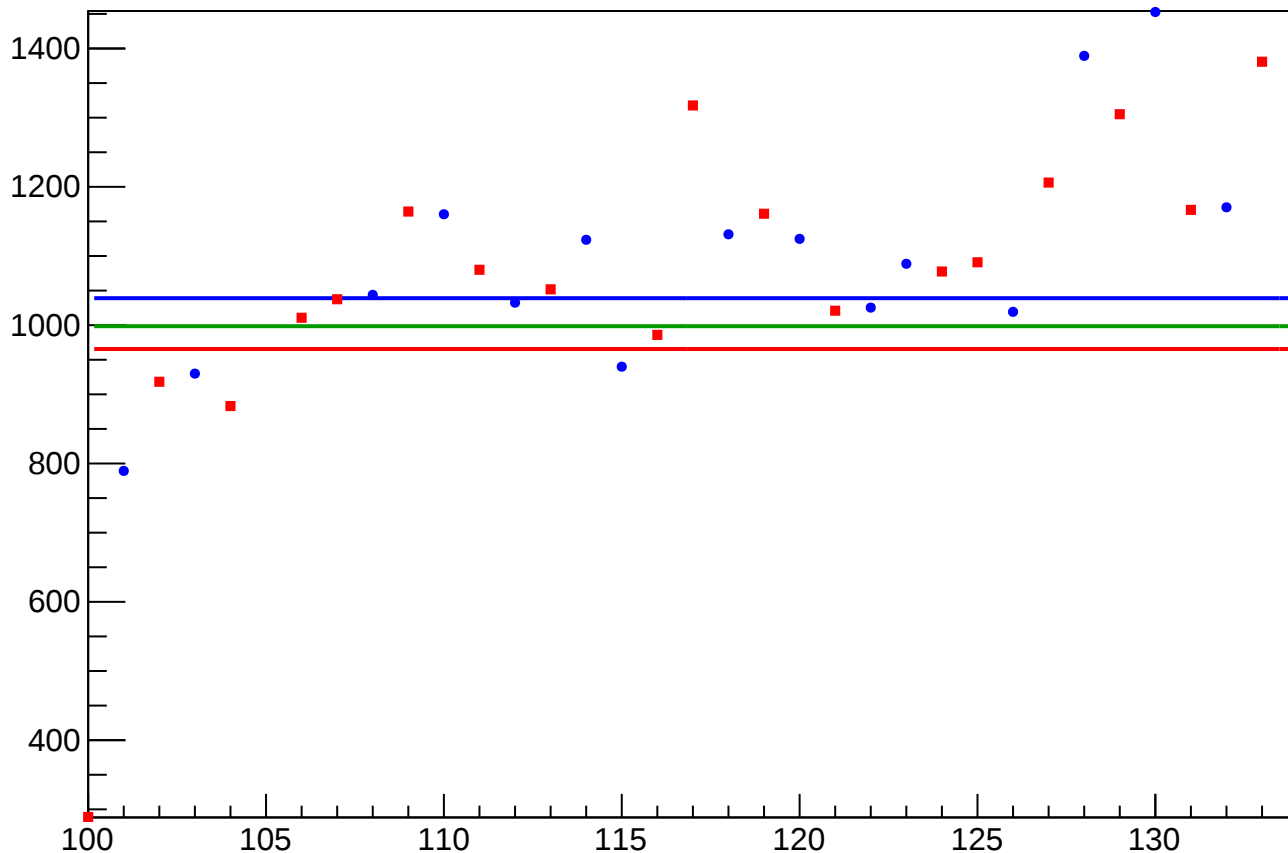
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1414.304 $\pm$ 437.964 χ^2 /NDF: 18.4/15

1283.376 $\pm$ 293.567 χ^2 /NDF: 30.2/33

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

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 1039.006 $\pm$ 0.310 χ^2 /NDF: 313254.5/15

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

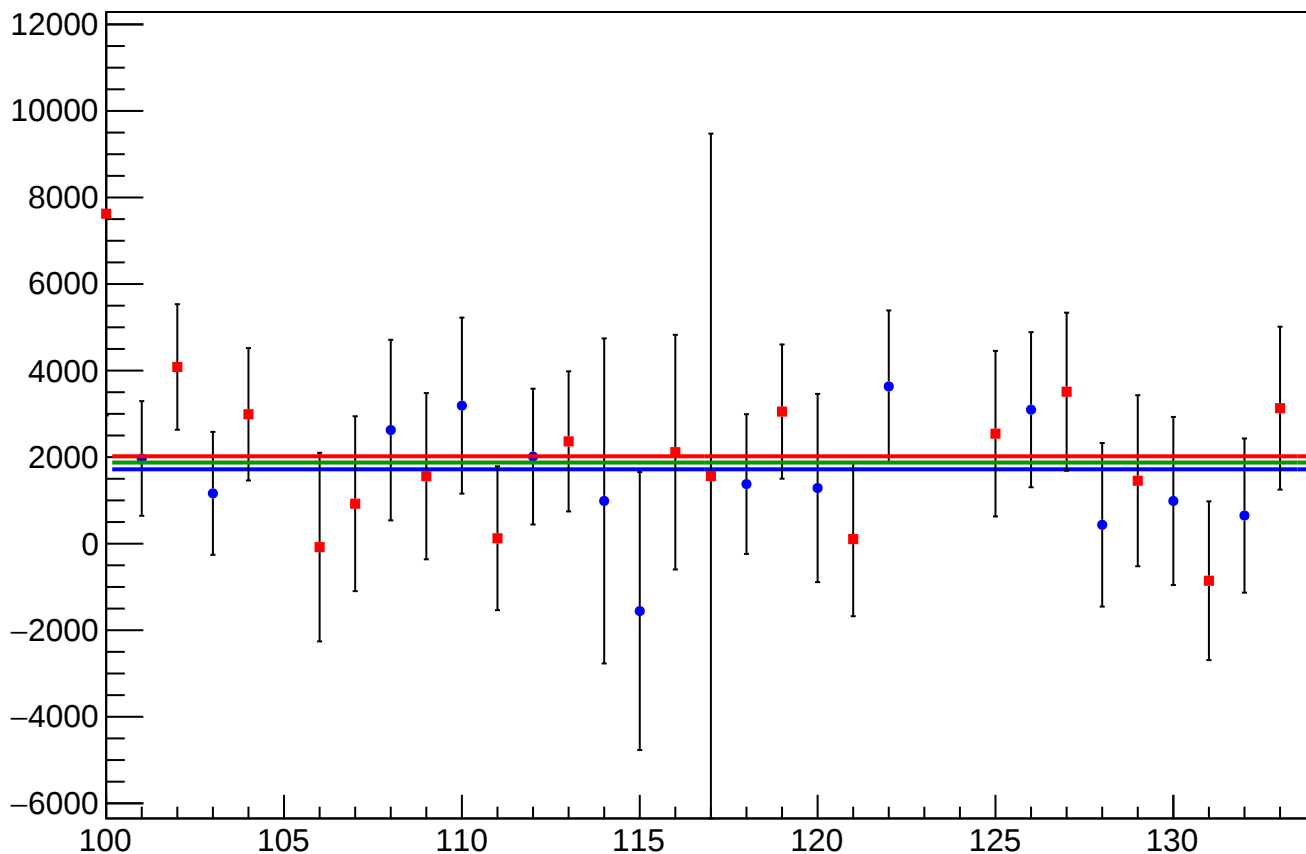
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1039.006 $\pm$ 0.310 χ^2 /NDF: 313254.5/15

998.539 $\pm$ 0.208 χ^2 /NDF: 1417722.6/33

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

cor_usl_mean vs Slug, Sign Corrected



Right In: 1718.534 $\pm$ 479.364 χ^2 /NDF: 4.9/14

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

Right Out: 2019.583 $\pm$ 460.794 χ^2 /NDF: 11.7/16

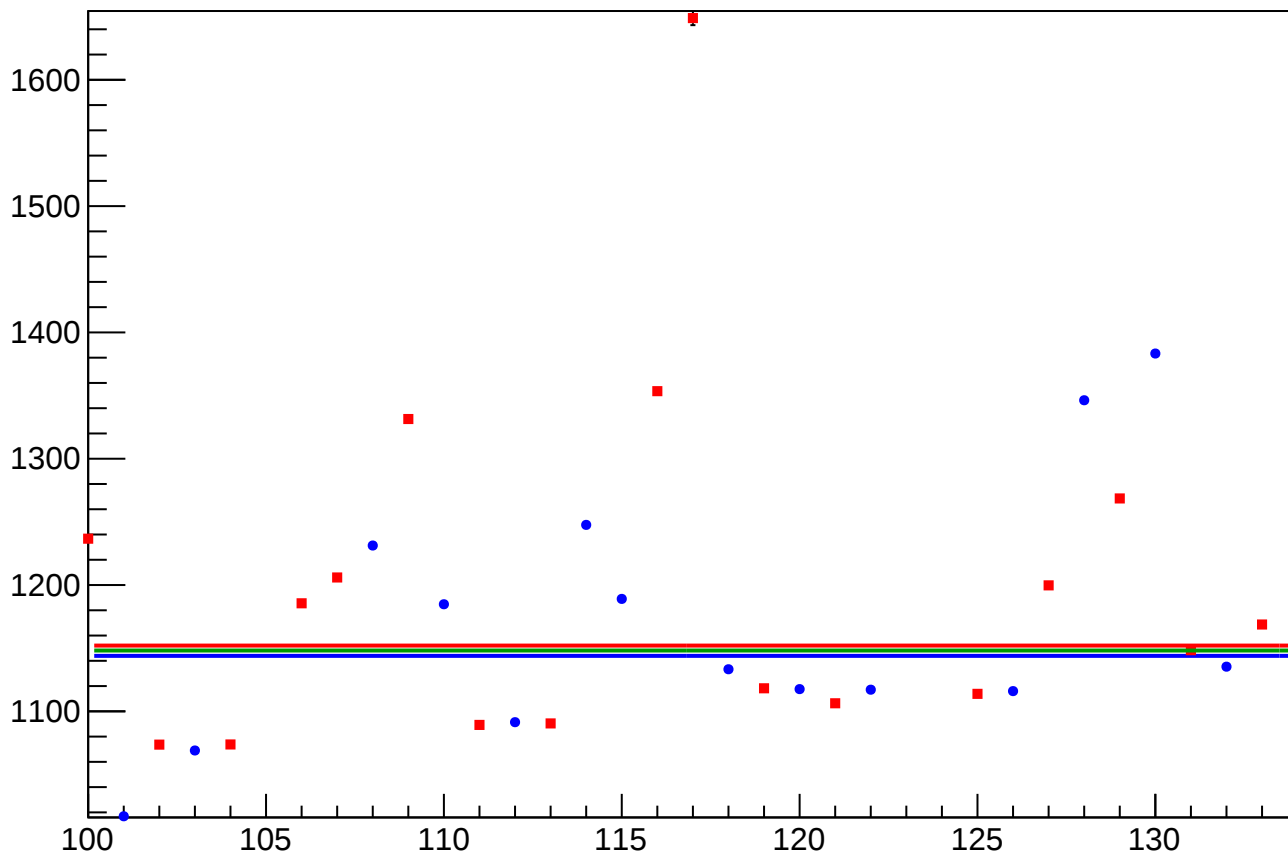
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1718.534 $\pm$ 479.364 χ^2 /NDF: 4.9/14

1875.002 $\pm$ 332.202 χ^2 /NDF: 16.9/31

2019.583 $\pm$ 460.794 χ^2 /NDF: 11.7/16

cor_usl_rms vs Slug, Sign Corrected



Right In: 1143.924+/-0.339 χ^2/NDF : 87132.2/14

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

Right Out: 1152.057+/-0.326 χ^2/NDF : 67289.3/16

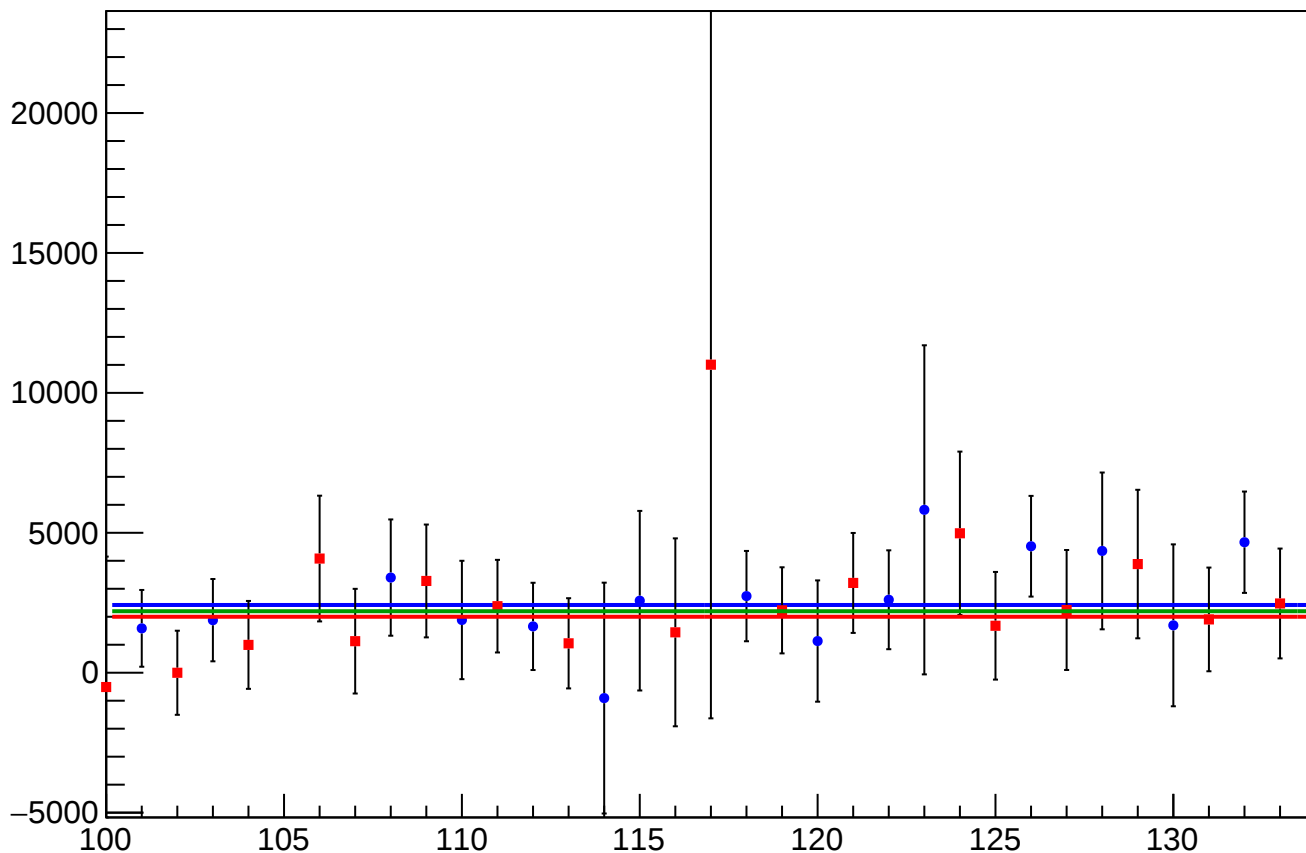
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1143.924+/-0.339 χ^2/NDF : 87132.2/14

1148.151+/-0.235 χ^2/NDF : 154720.8/31

1152.057+/-0.326 χ^2/NDF : 67289.3/16

cor_usr_mean vs Slug, Sign Corrected



Right In: 2420.830 $\pm$ 501.878 χ^2 /NDF: 7.0/15

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

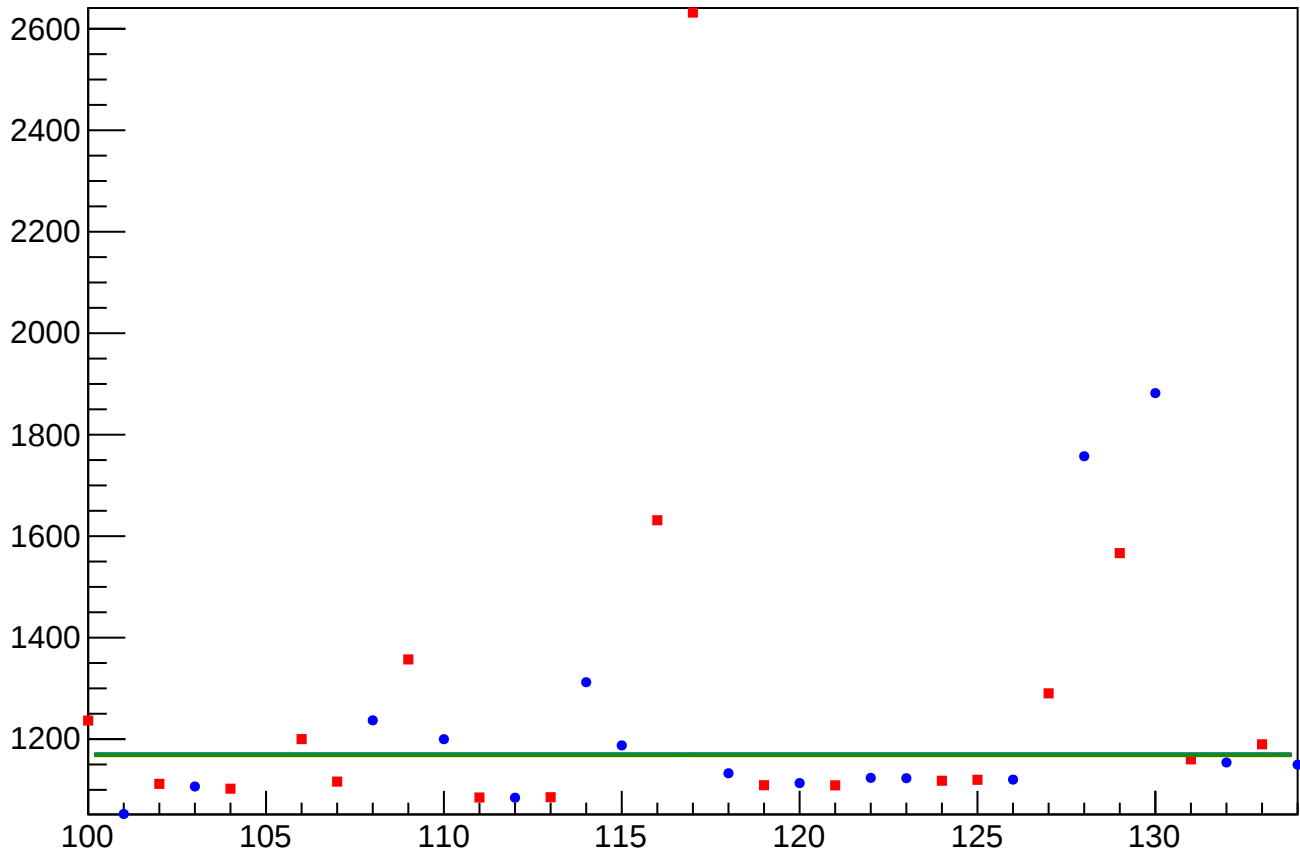
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2420.830 $\pm$ 501.878 χ^2 /NDF: 7.0/15

2197.405 $\pm$ 343.522 χ^2 /NDF: 14.4/33

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

cor_usr_rms vs Slug, Sign Corrected



Right In: 1169.857 $\pm$ 0.355 χ^2 /NDF: 244175.7/15

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

Right Out: 1168.486 $\pm$ 0.333 χ^2 /NDF: 160359.3/17

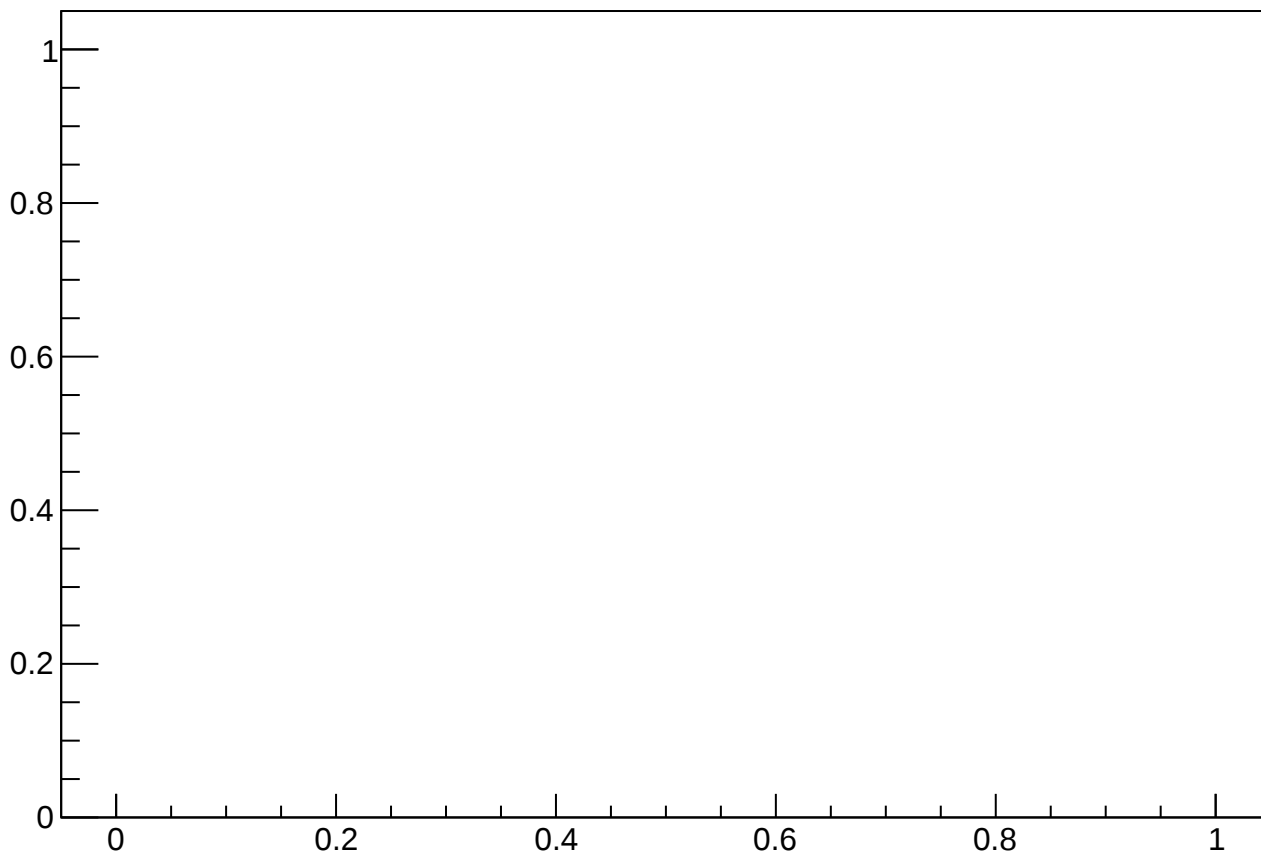
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1169.857 $\pm$ 0.355 χ^2 /NDF: 244175.7/15

1169.128 $\pm$ 0.243 χ^2 /NDF: 404542.9/33

1168.486 $\pm$ 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

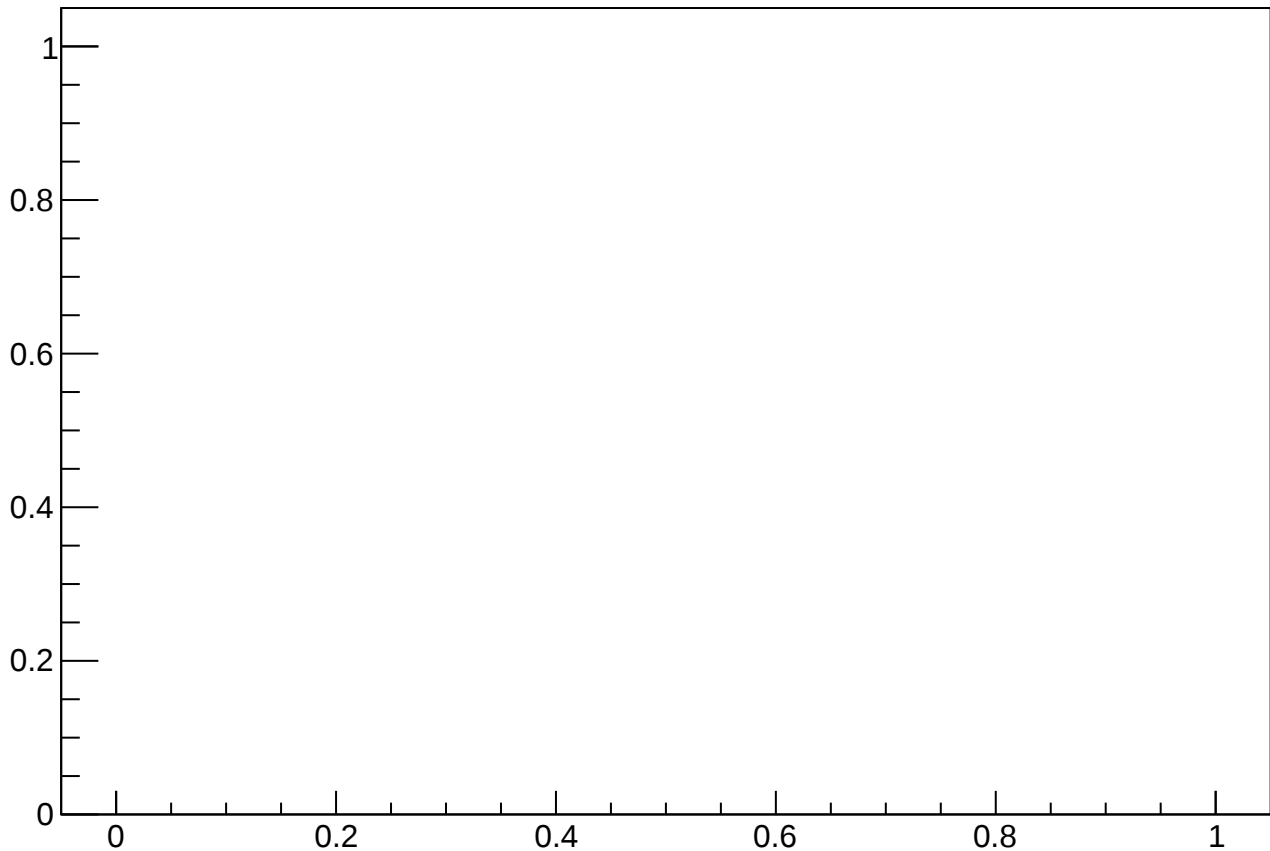
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

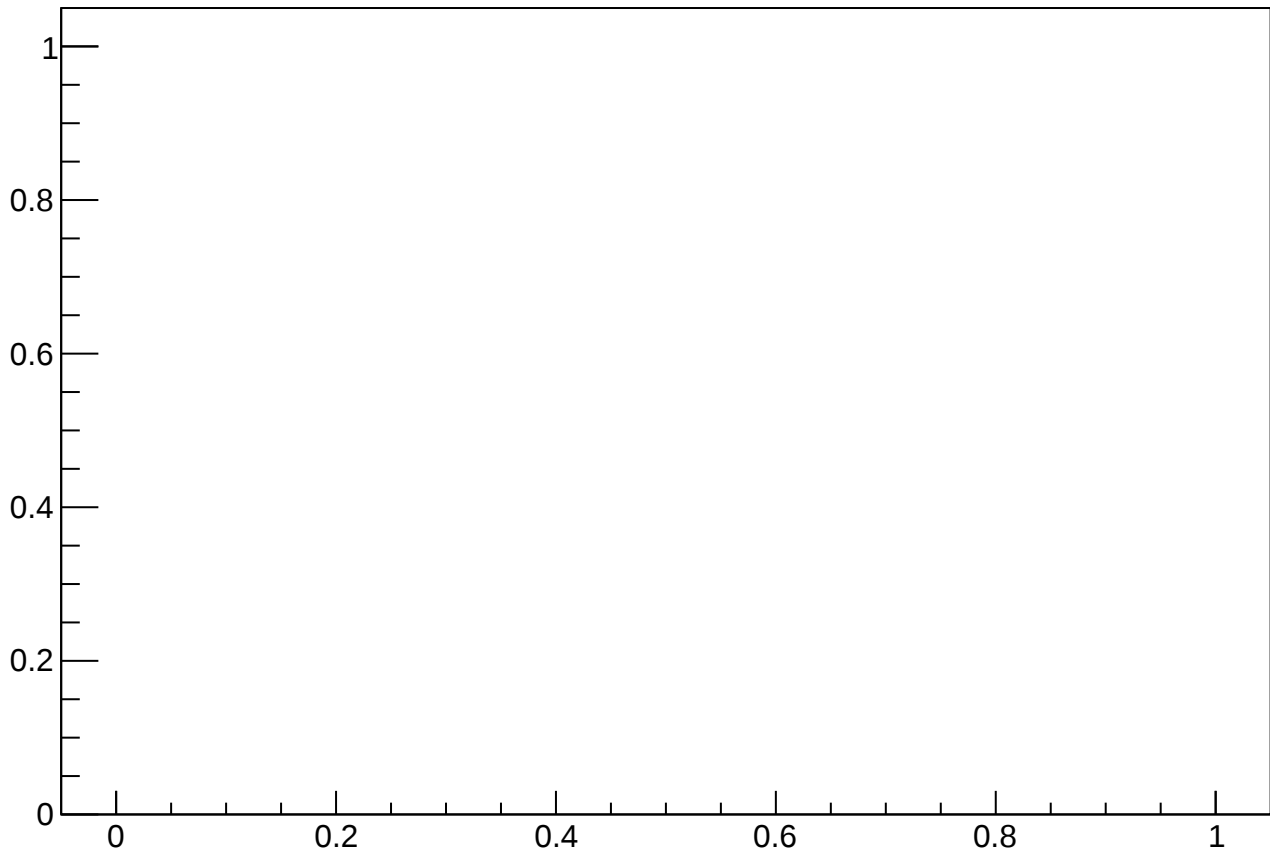
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

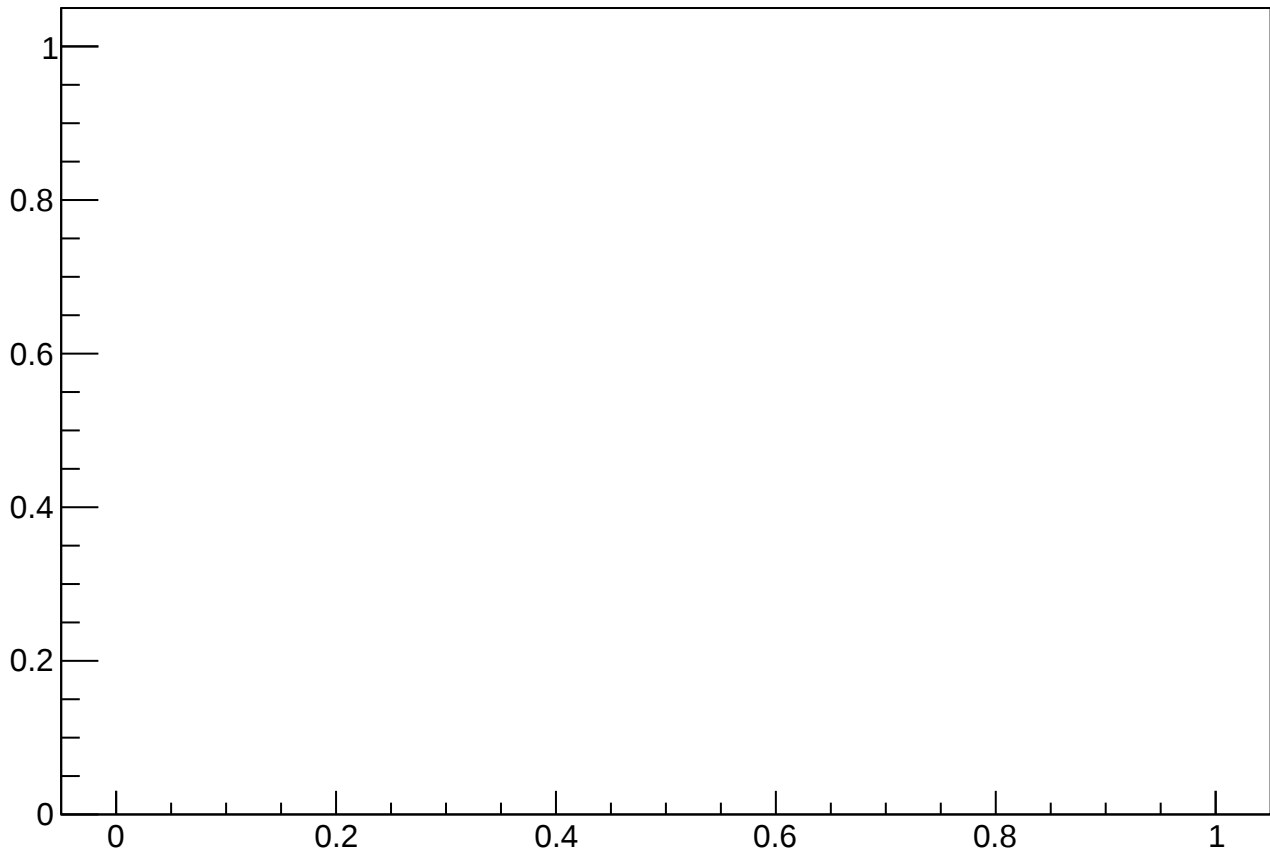
cor_dsr_mean vs Slug, Sign Corrected



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

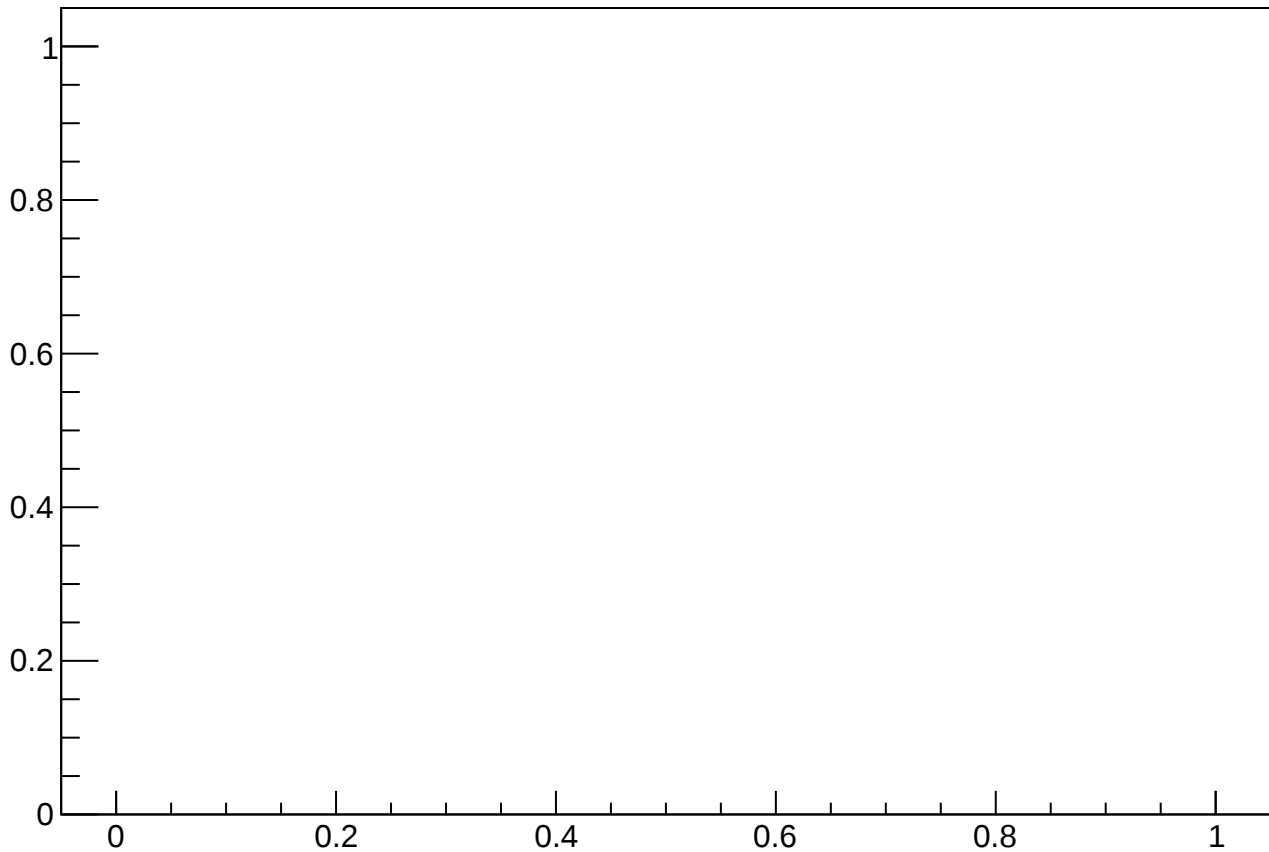
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

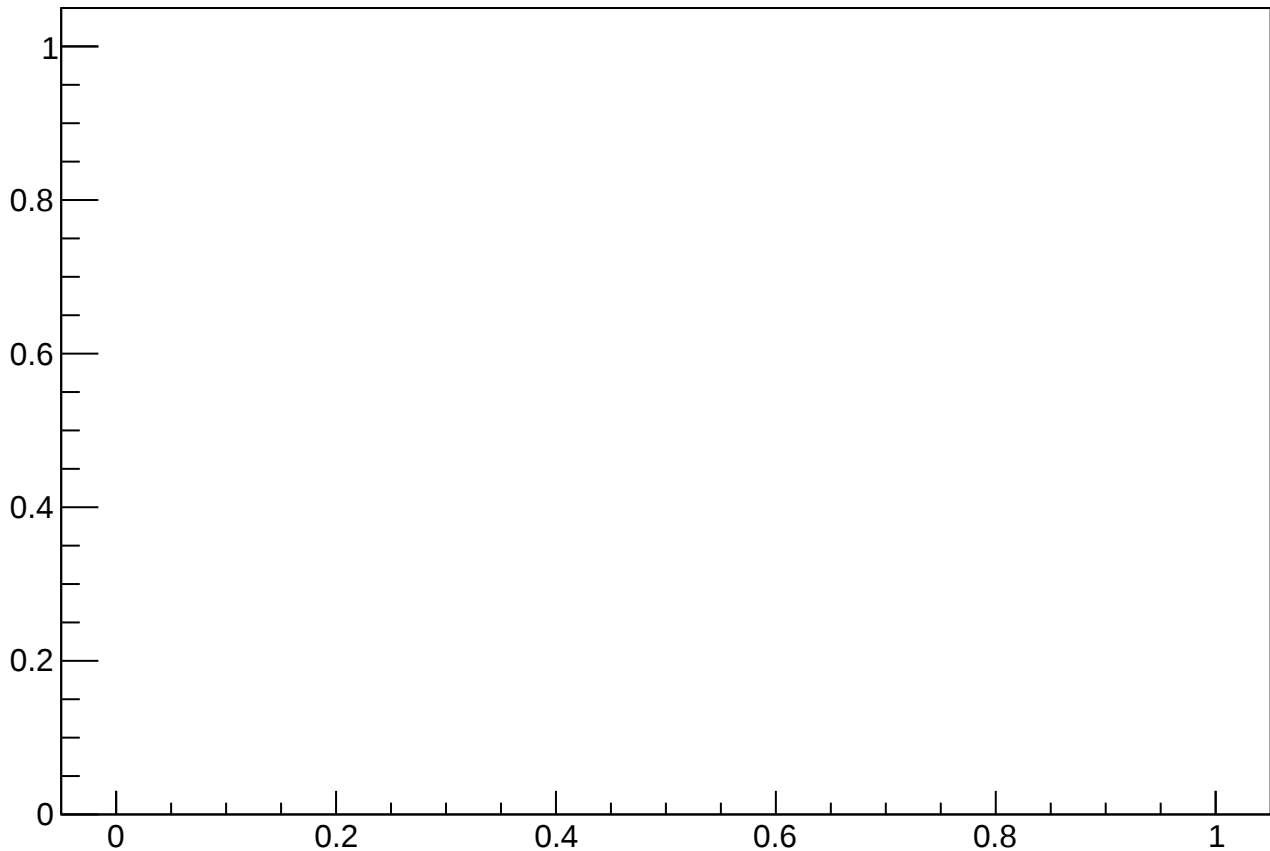
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

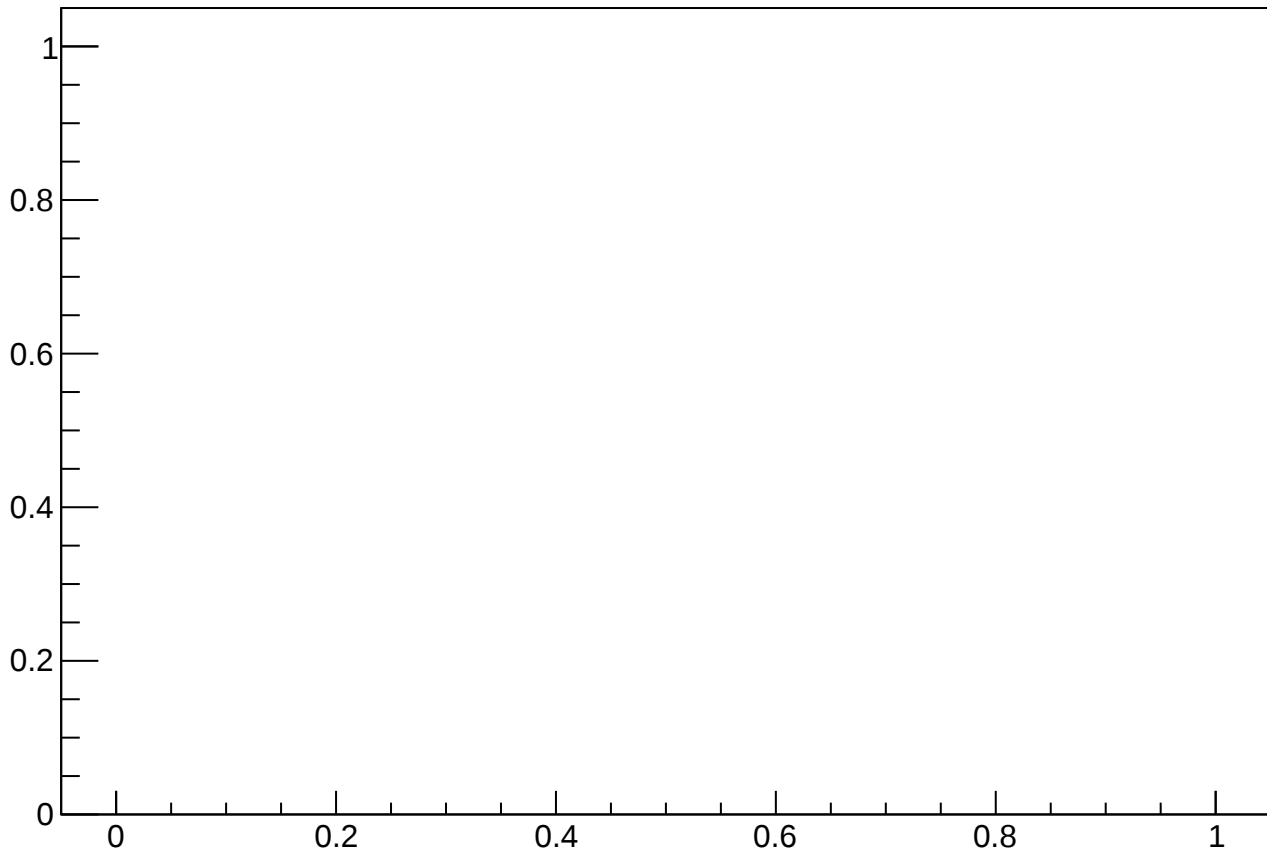
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

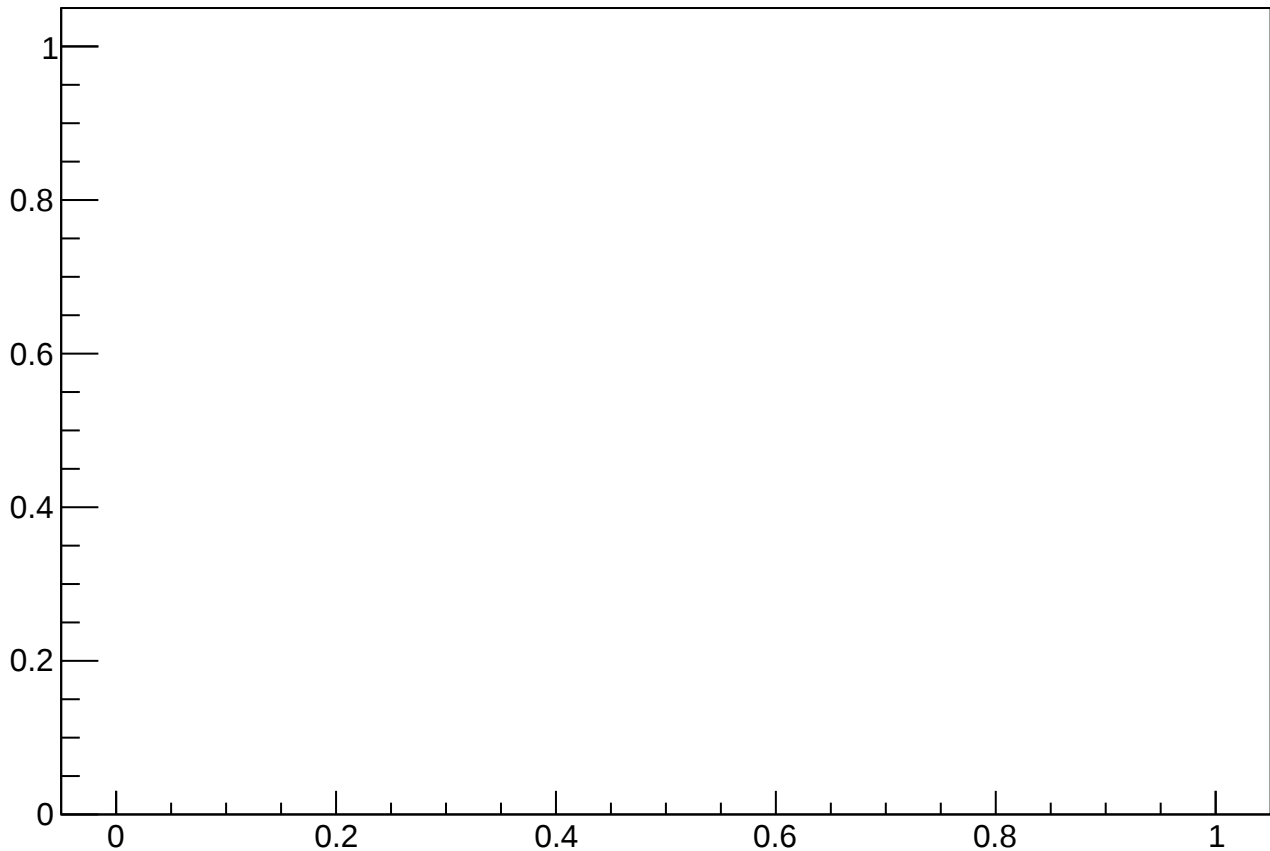
cor_us_dd_mean vs Slug, Sign Corrected



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

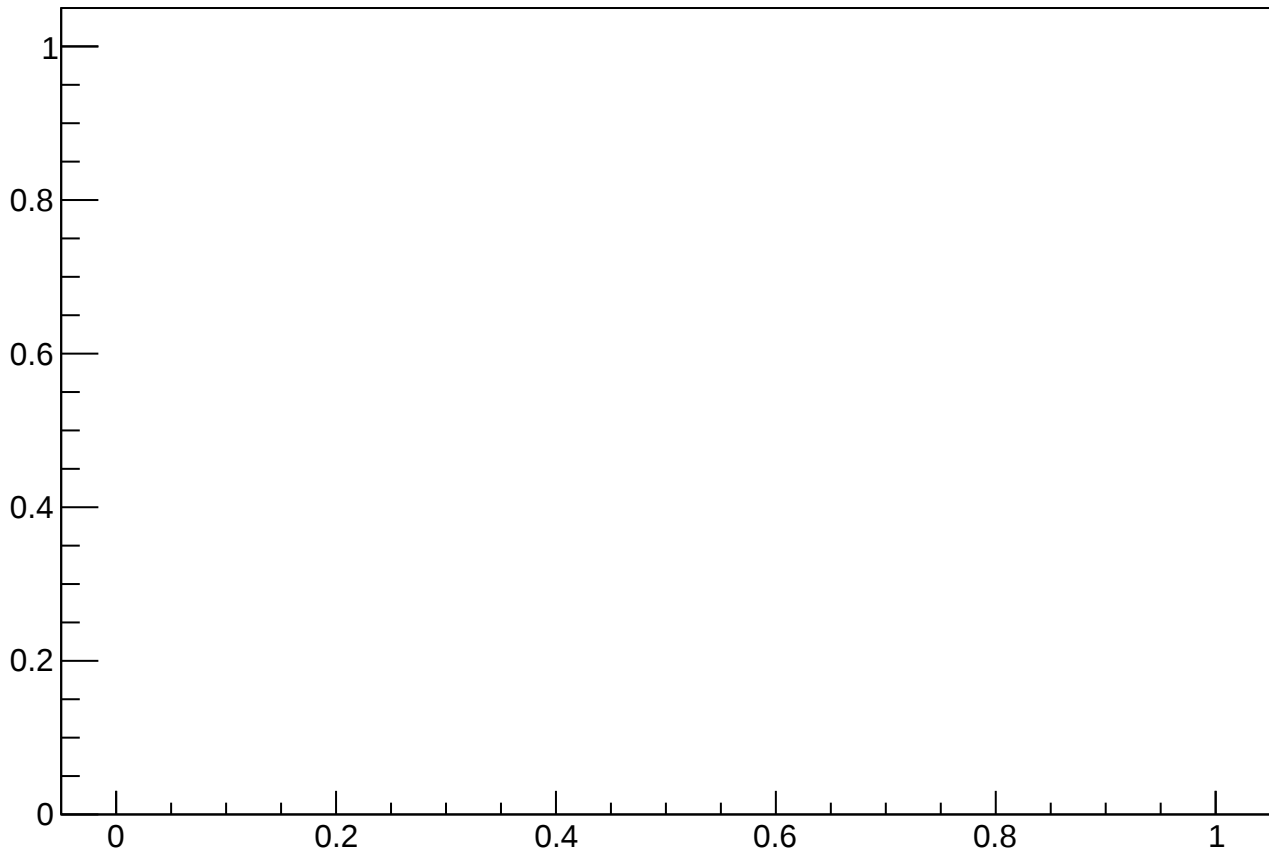
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

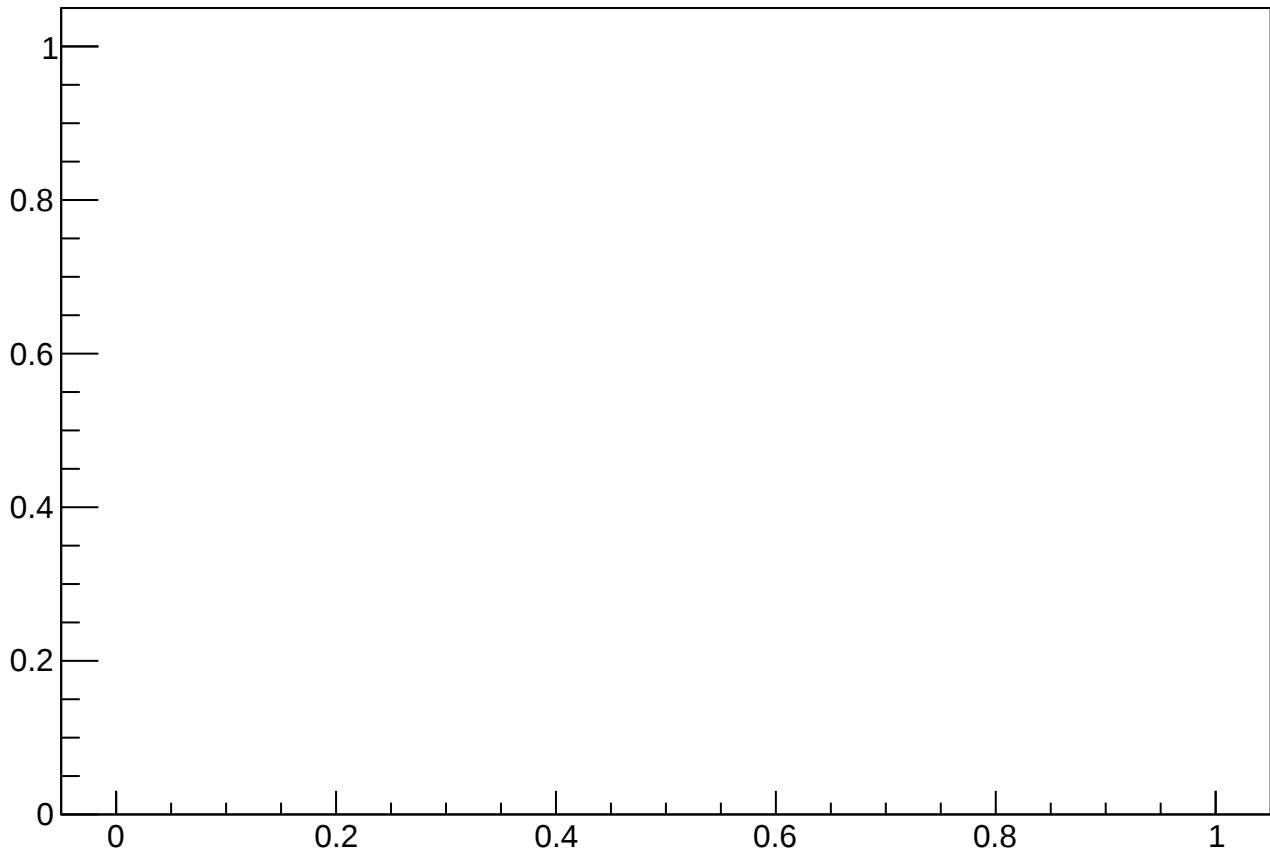
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



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

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

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

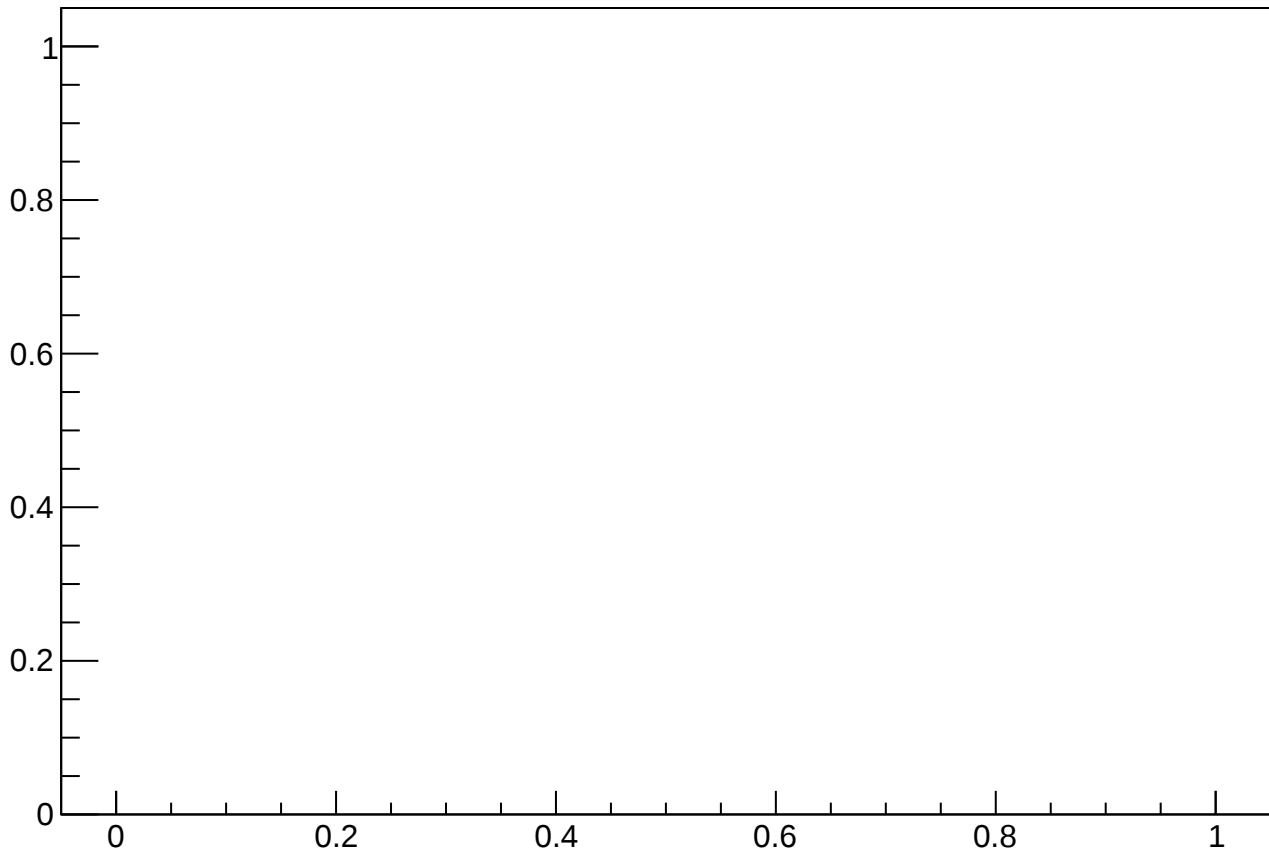
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_ds_dd_mean vs Slug, Sign Corrected



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

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

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

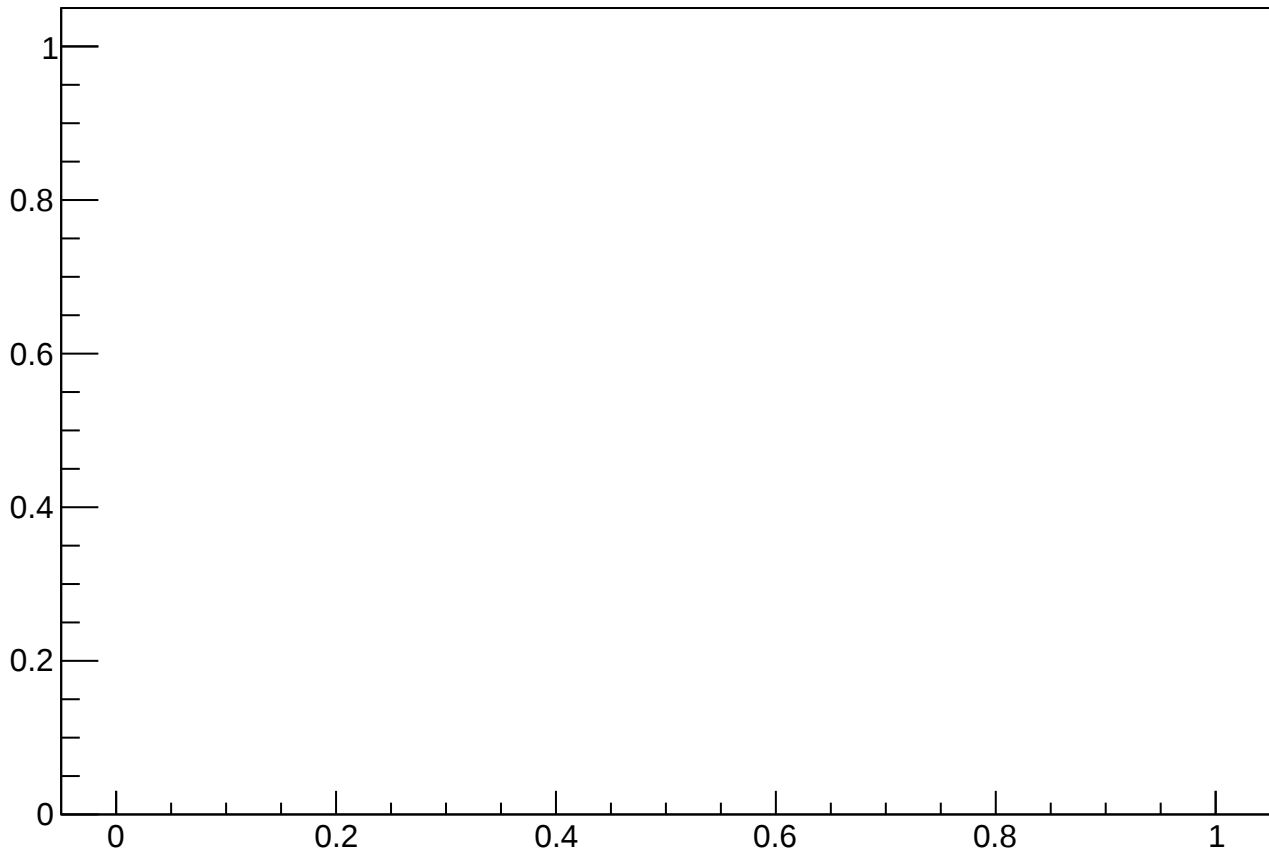
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

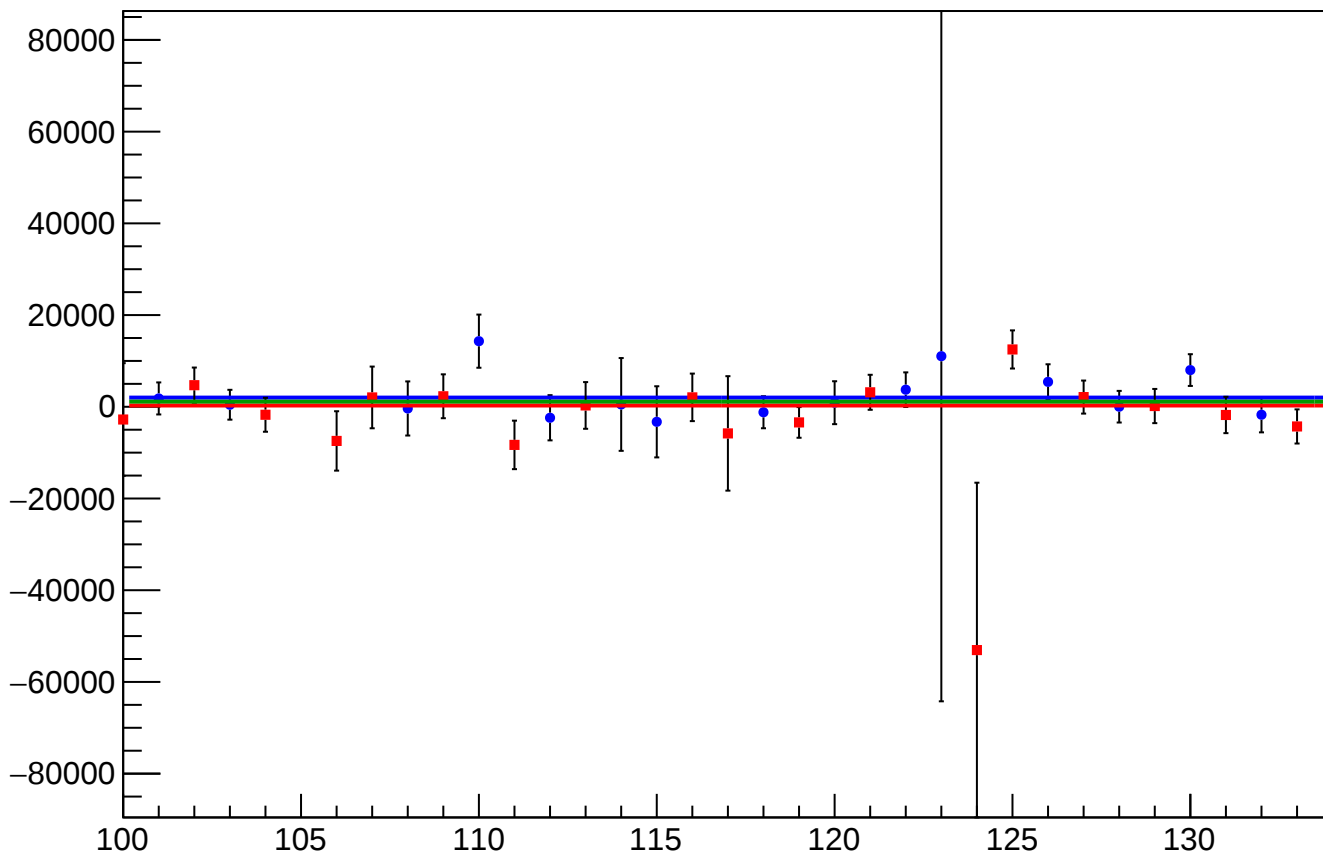
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2002.715+/-1094.406 χ^2/NDF : 12.4/15

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

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

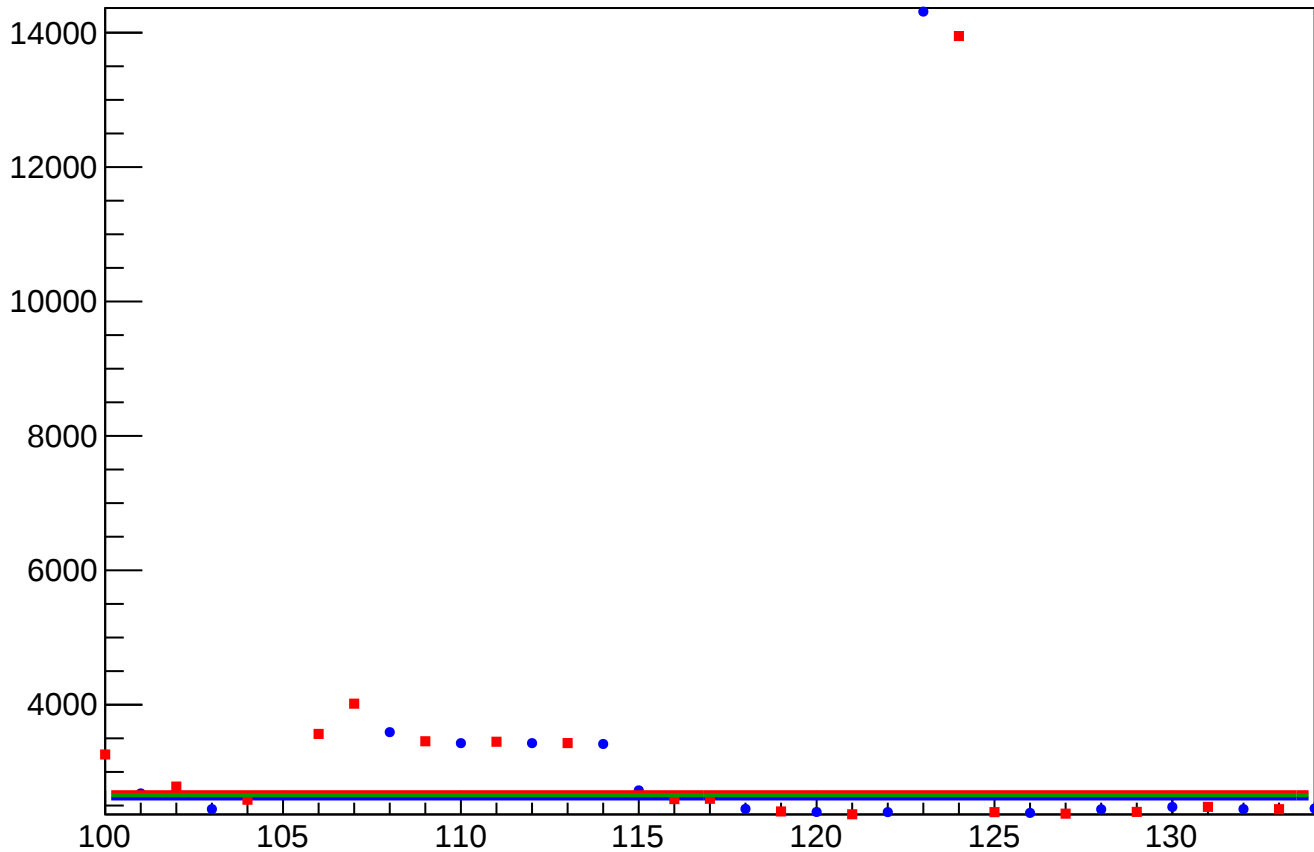
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2002.715+/-1094.406 χ^2/NDF : 12.4/15

1131.582+/-768.965 χ^2/NDF : 34.6/33

282.153+/-1080.687 χ^2/NDF : 20.9/17

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2605.010+/-0.774 χ^2/NDF : 250932.7/15

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

Right Out: 2698.562+/-0.764 χ^2/NDF : 525156.5/17

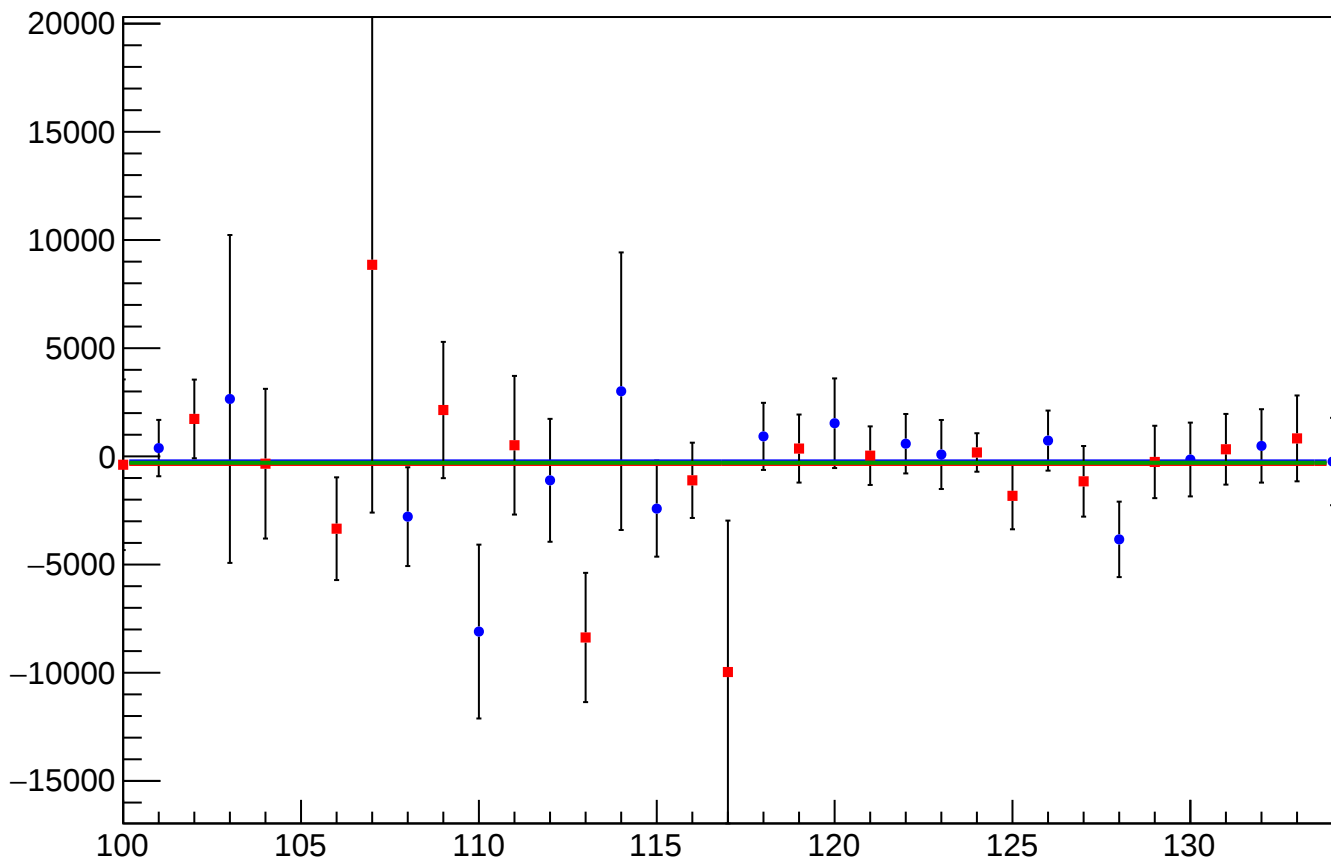
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2605.010+/-0.774 χ^2/NDF : 250932.7/15

2652.376+/-0.544 χ^2/NDF : 783488.5/33

2698.562+/-0.764 χ^2/NDF : 525156.5/17

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -230.981+/-467.804 χ^2/NDF : 13.4/15

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

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

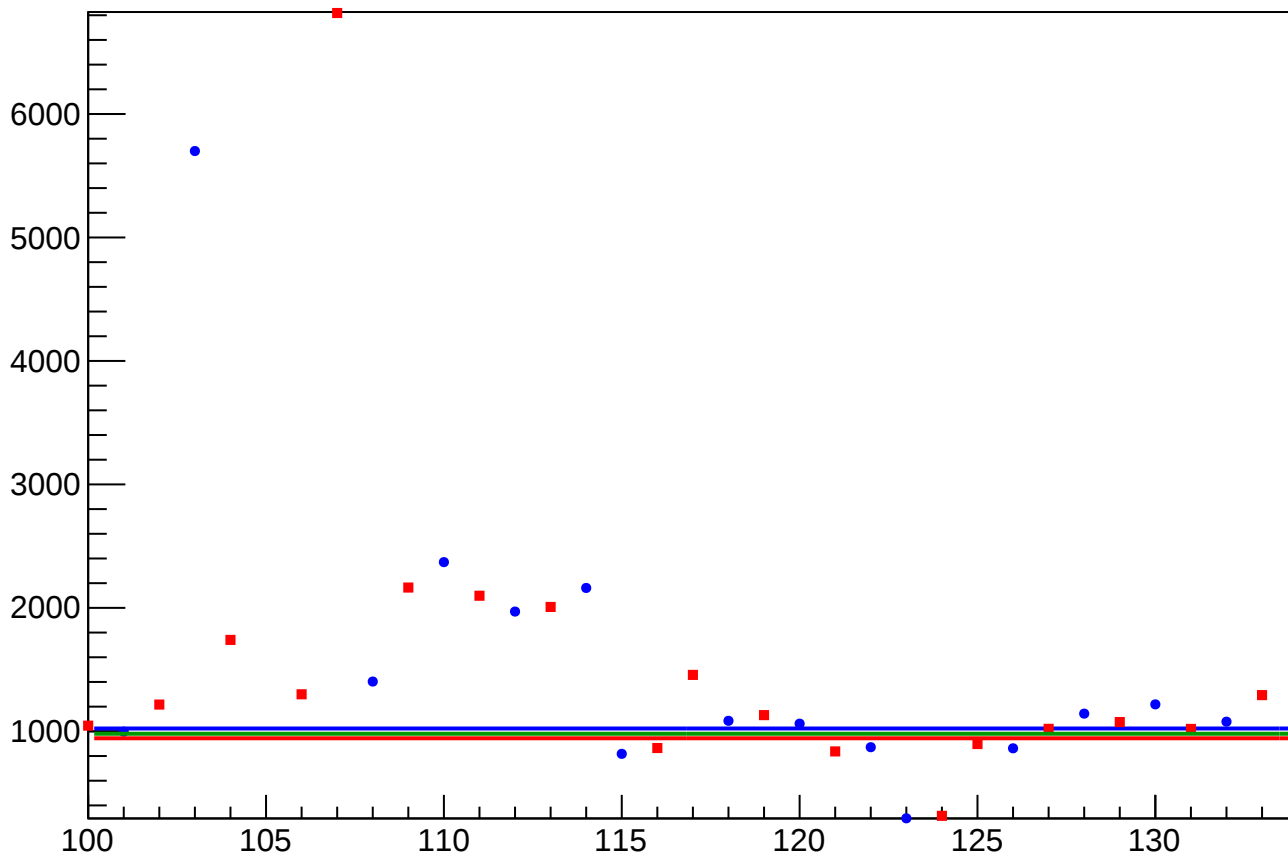
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-230.981+/-467.804 χ^2/NDF : 13.4/15

-295.500+/-318.452 χ^2/NDF : 29.3/33

-351.218+/-434.732 χ^2/NDF : 15.9/17

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1022.973+/-0.331 χ^2 /NDF: 1866394.9/15

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

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

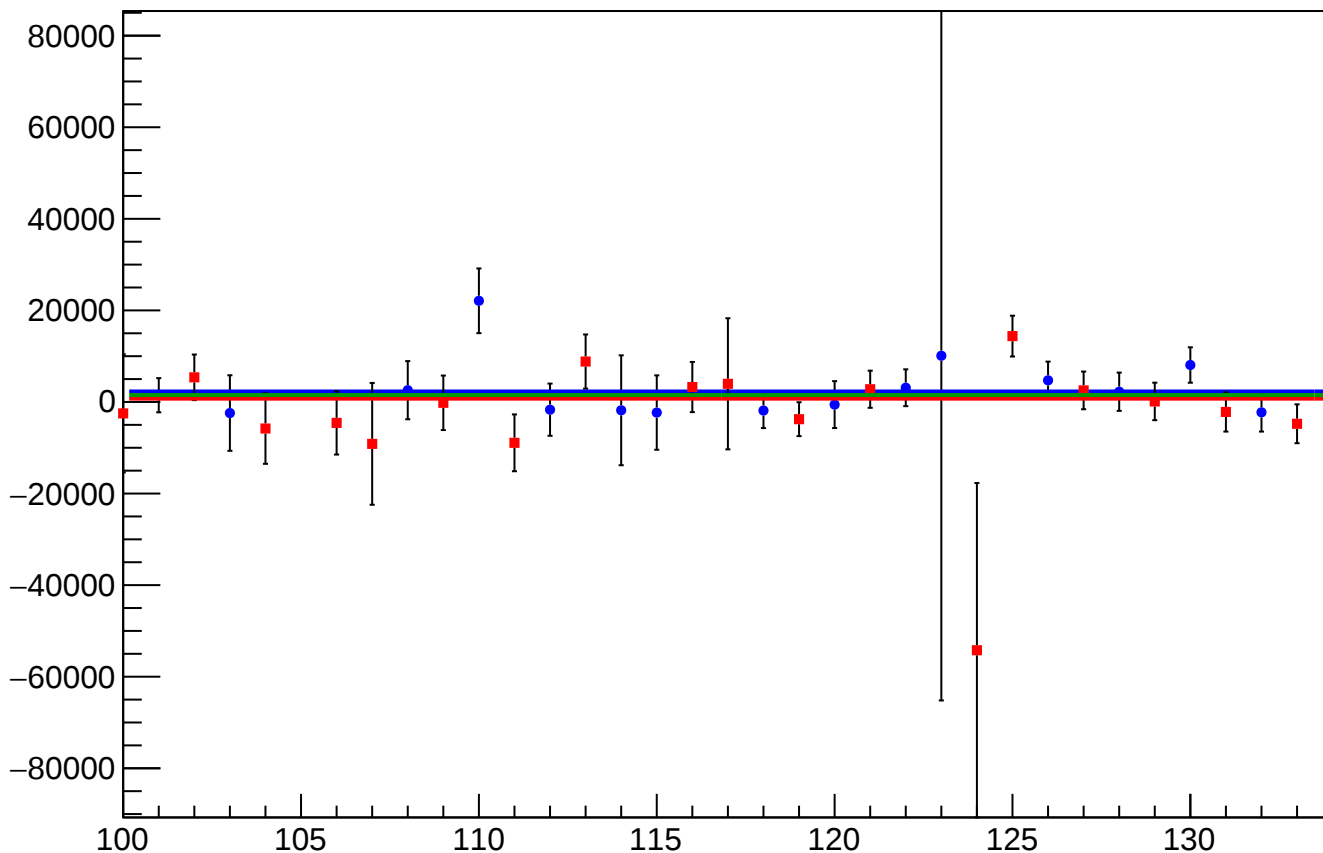
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1022.973+/-0.331 χ^2 /NDF: 1866394.9/15

980.465+/-0.225 χ^2 /NDF: 4573343.6/33

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

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2290.657 $\pm$ 1269.945 χ^2 /NDF: 14.5/15

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

Right Out: 729.633 $\pm$ 1265.830 χ^2 /NDF: 23.1/17

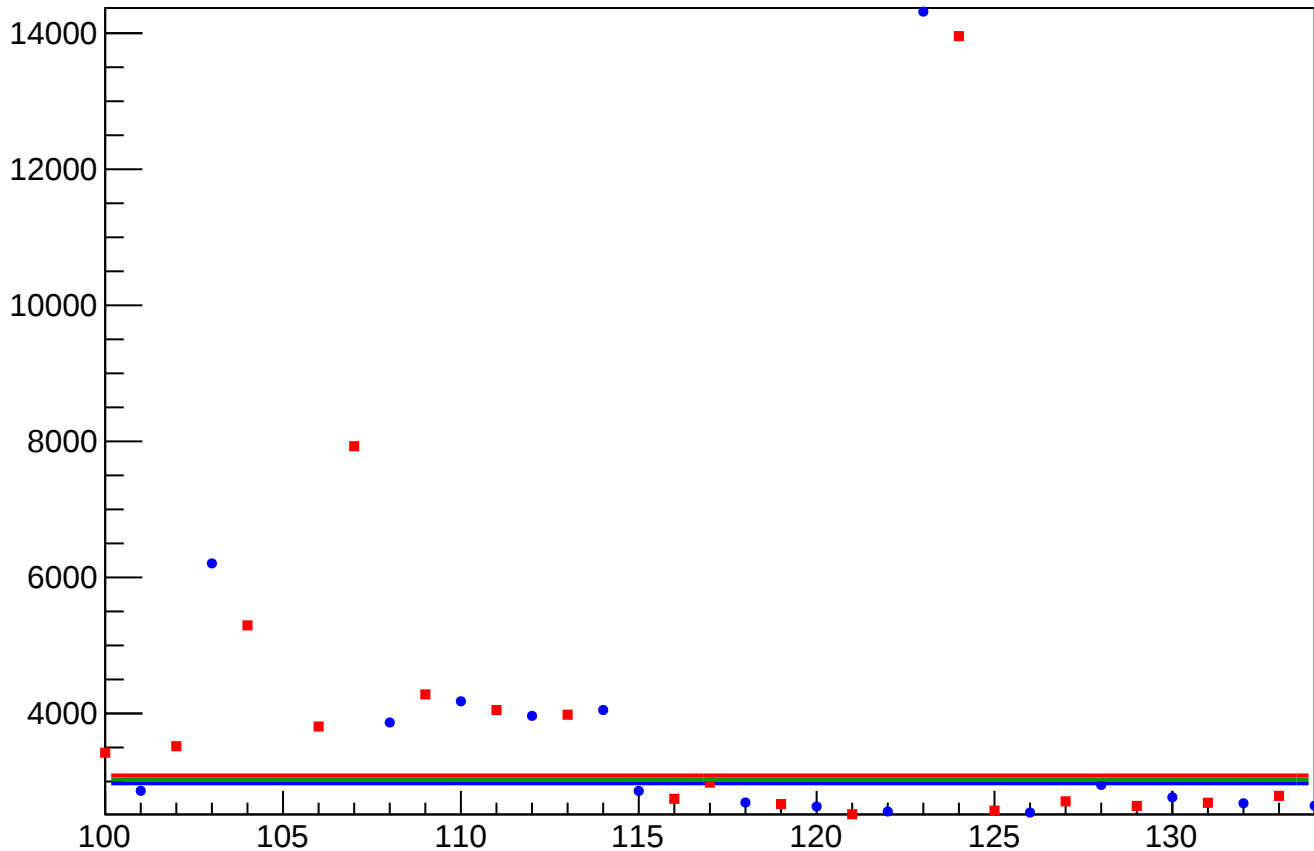
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2290.657 $\pm$ 1269.945 χ^2 /NDF: 14.5/15

1507.612 $\pm$ 896.528 χ^2 /NDF: 38.3/33

729.633 $\pm$ 1265.830 χ^2 /NDF: 23.1/17

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2973.326+/-0.898 χ^2/NDF : 613749.7/15

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

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

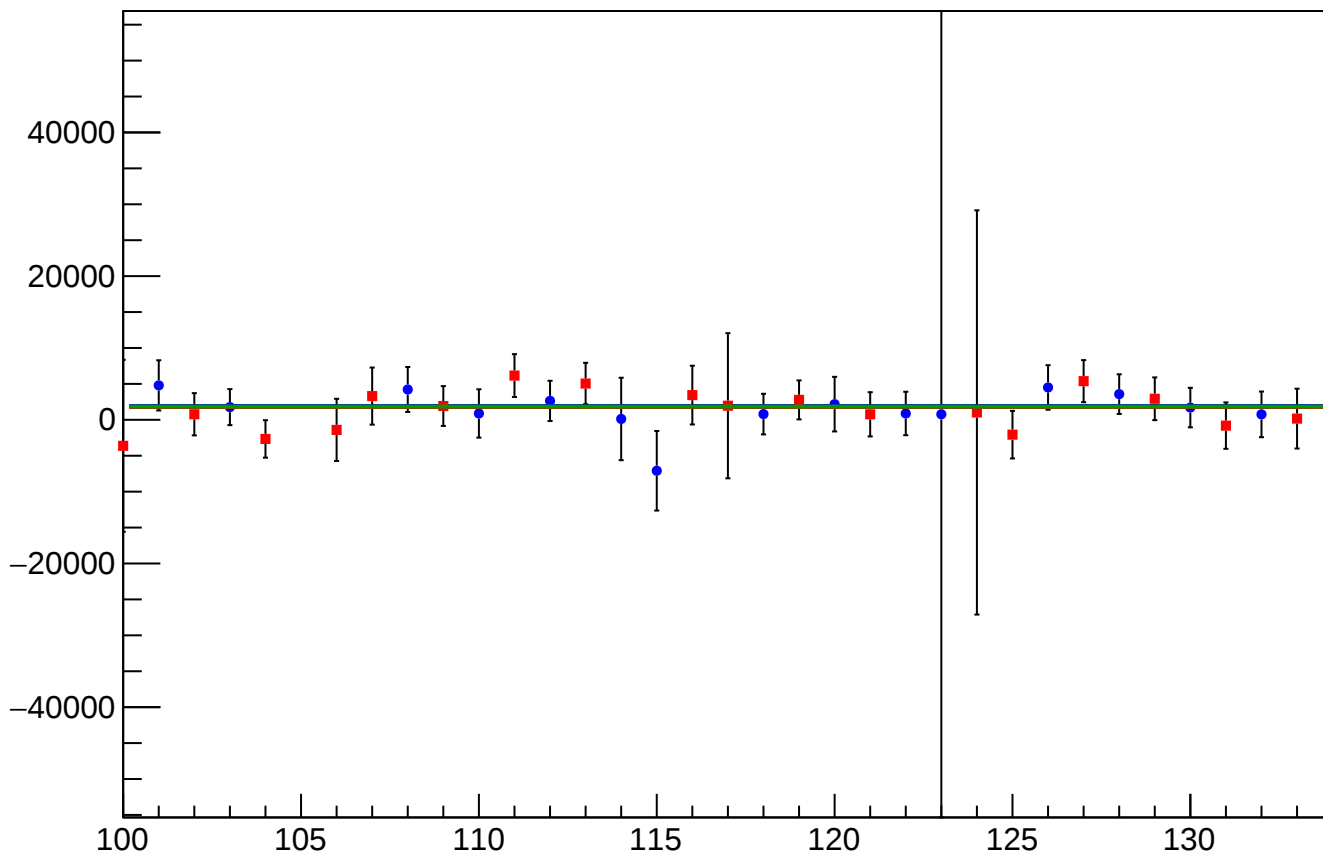
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2973.326+/-0.898 χ^2/NDF : 613749.7/15

3031.488+/-0.634 χ^2/NDF : 1608292.5/33

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

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1916.469+/-839.775 χ^2/NDF : 7.2/15

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

Right Out: 1783.576+/-806.904 χ^2/NDF : 11.6/17

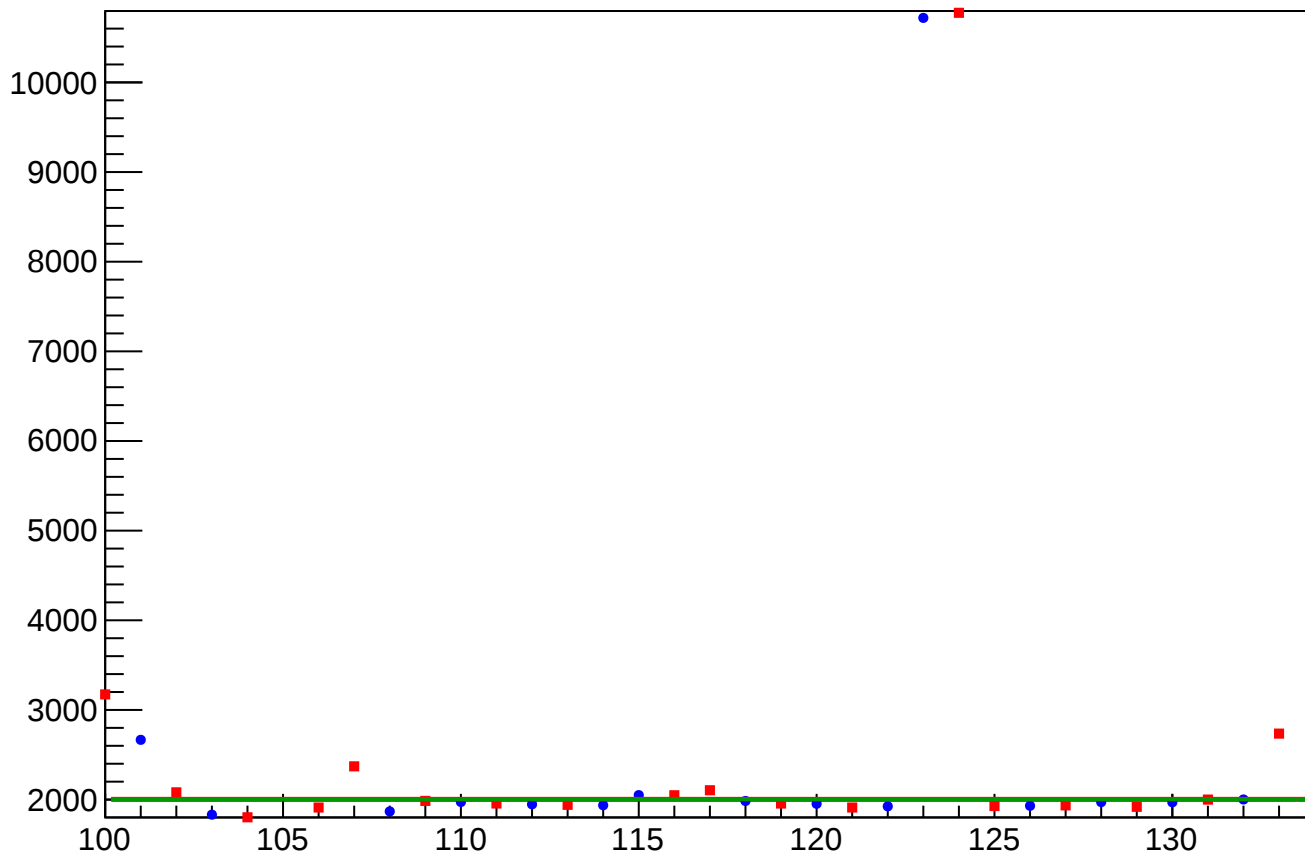
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1916.469+/-839.775 χ^2/NDF : 7.2/15

1847.371+/-581.841 χ^2/NDF : 18.8/33

1783.576+/-806.904 χ^2/NDF : 11.6/17

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1999.098 $\pm$ 0.594 χ^2 /NDF: 165412.0/15

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

Right Out: 2008.220 $\pm$ 0.571 χ^2 /NDF: 314729.9/17

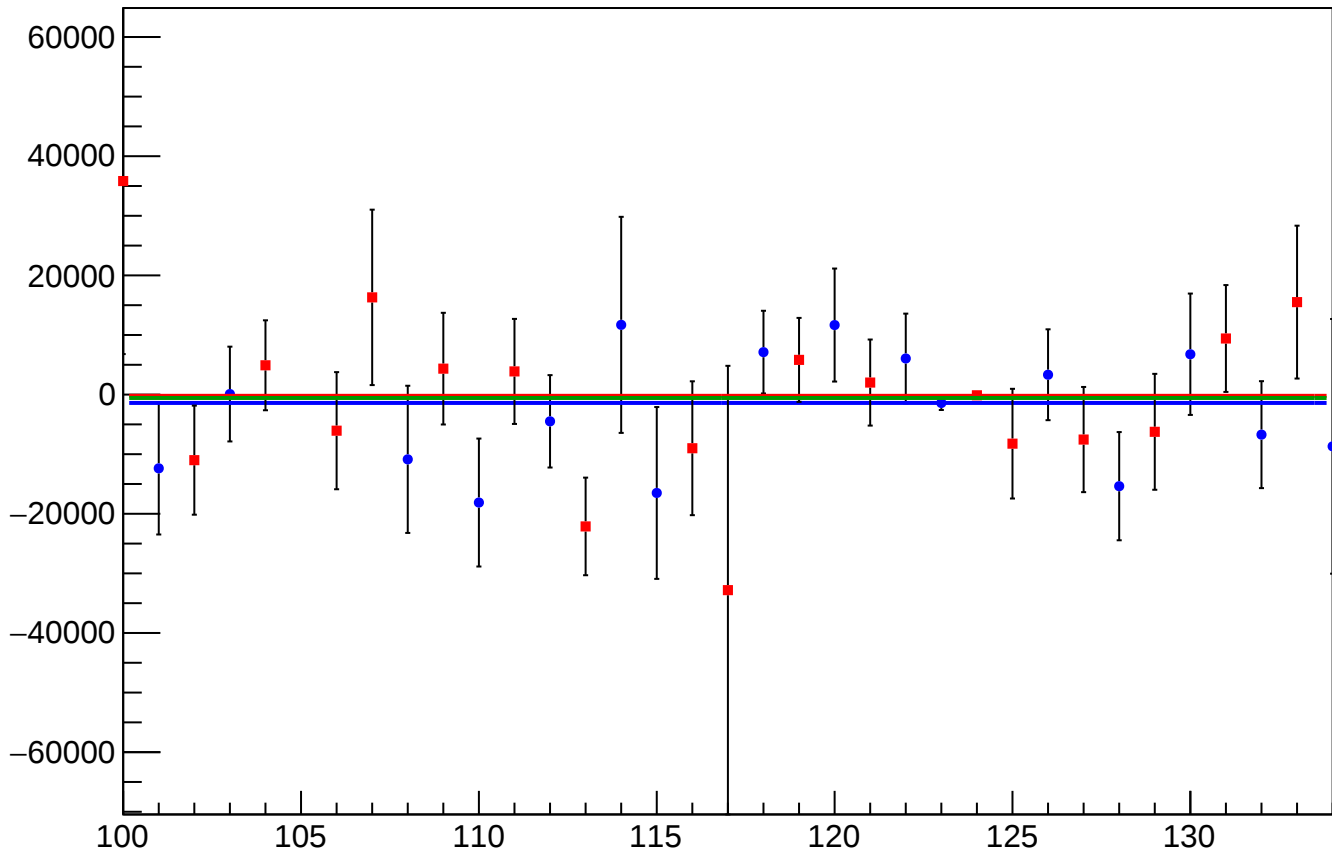
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1999.098 $\pm$ 0.594 χ^2 /NDF: 165412.0/15

2003.841 $\pm$ 0.411 χ^2 /NDF: 480264.6/33

2008.220 $\pm$ 0.571 χ^2 /NDF: 314729.9/17

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1399.499 ± 1059.891 $\chi^2/\text{NDF}: 14.1/15$

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

Right Out: -207.776 ± 696.347 $\chi^2/\text{NDF}: 19.3/17$

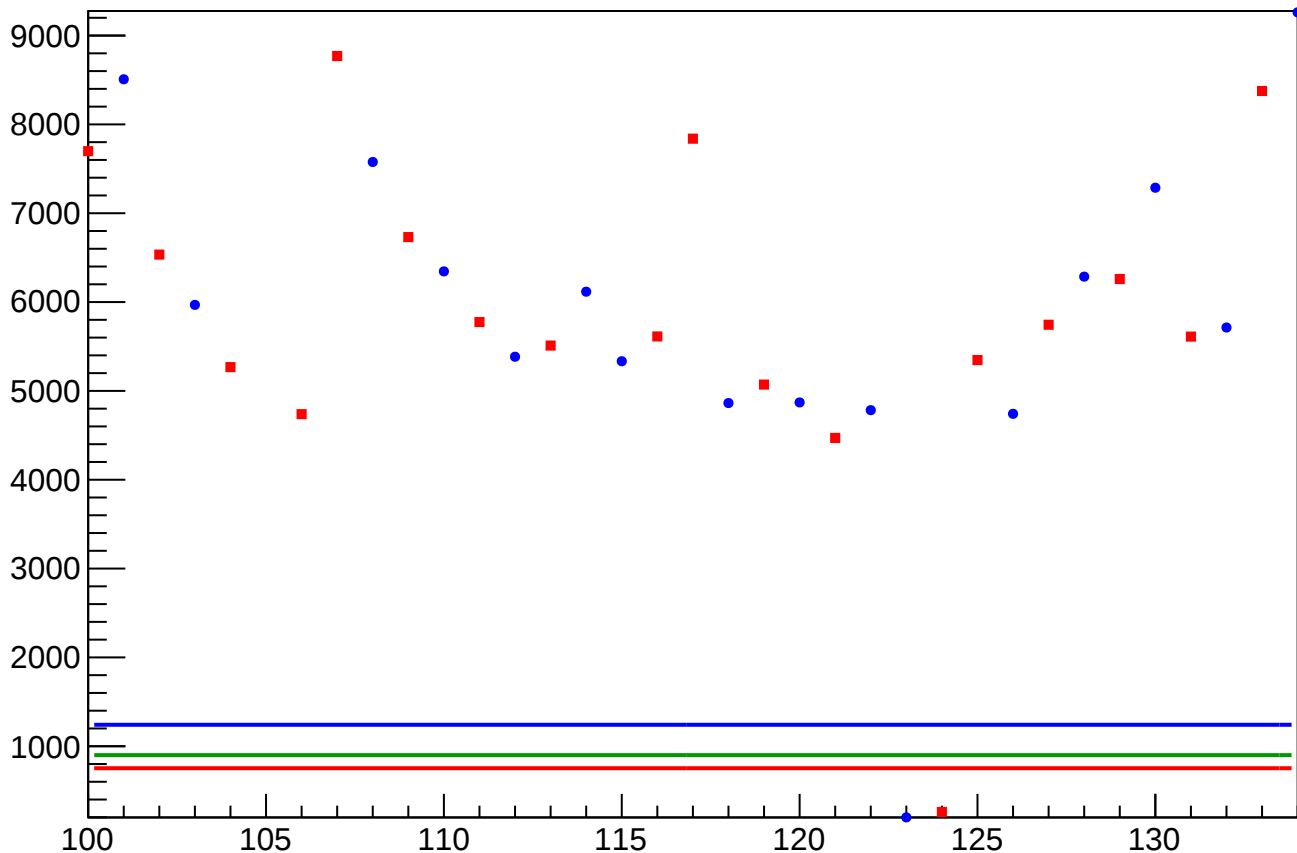
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1399.499 ± 1059.891 $\chi^2/\text{NDF}: 14.1/15$

-567.086 ± 581.980 $\chi^2/\text{NDF}: 34.3/33$

-207.776 ± 696.347 $\chi^2/\text{NDF}: 19.3/17$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1241.553+/-0.749 χ^2/NDF : 8794816.1/15

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

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

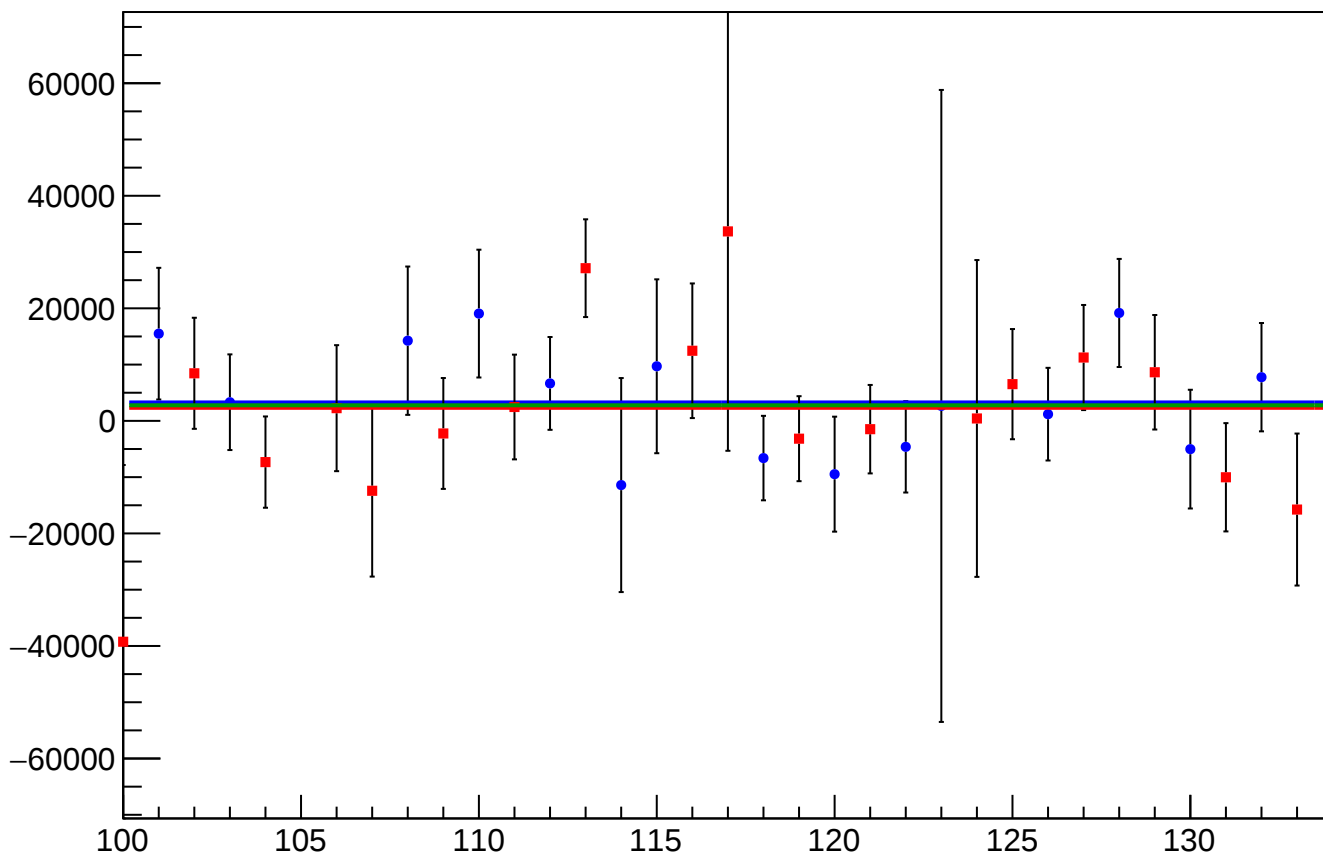
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1241.553+/-0.749 χ^2/NDF : 8794816.1/15

900.031+/-0.412 χ^2/NDF : 19494100.3/33

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

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3274.375 $\pm$ 2612.387 χ^2 /NDF: 12.6/15

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

Right Out: 2321.501 $\pm$ 2466.726 χ^2 /NDF: 19.9/17

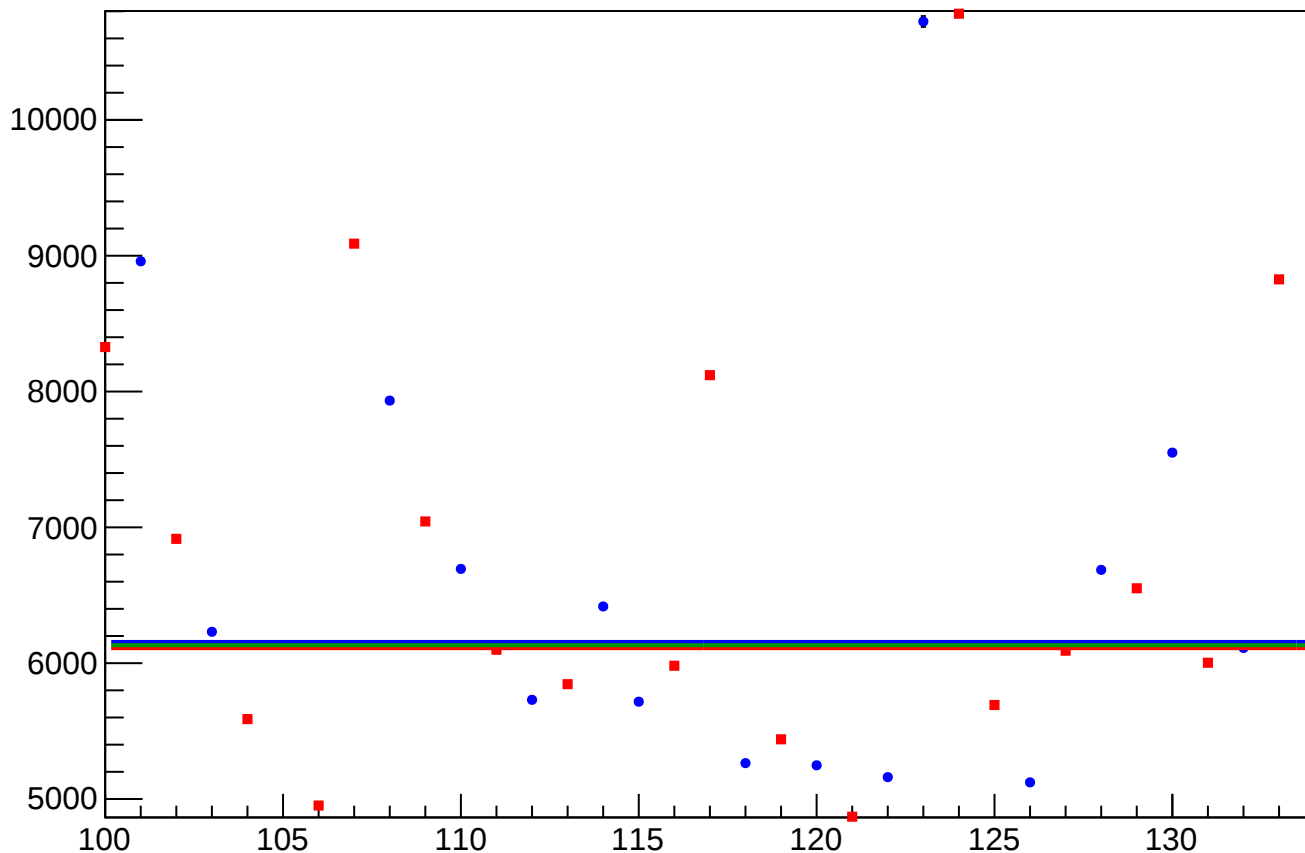
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3274.375 $\pm$ 2612.387 χ^2 /NDF: 12.6/15

2770.634 $\pm$ 1793.523 χ^2 /NDF: 32.6/33

2321.501 $\pm$ 2466.726 χ^2 /NDF: 19.9/17

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6156.242 $\pm$ 1.847 χ^2 /NDF: 373626.3/15

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

Right Out: 6110.388 $\pm$ 1.744 χ^2 /NDF: 363933.6/17

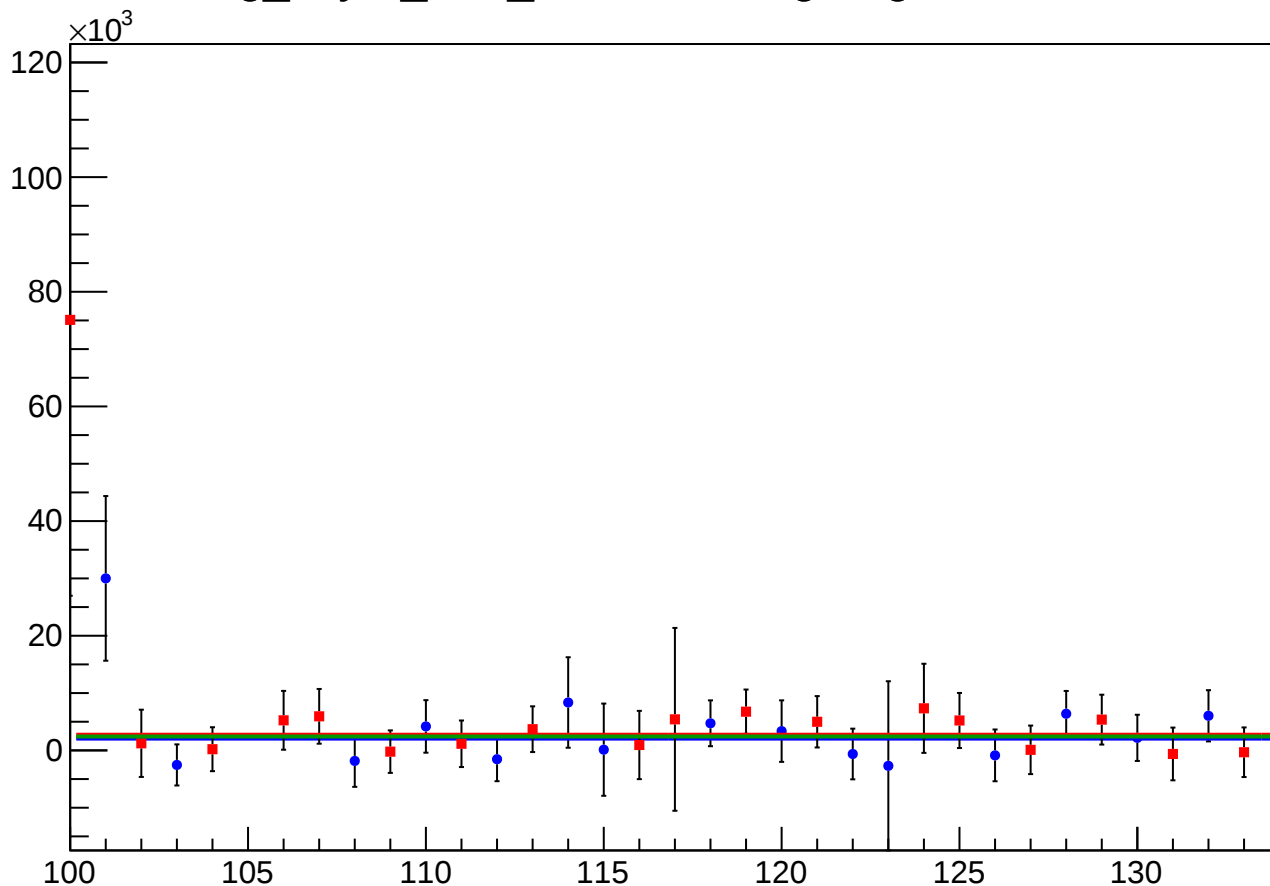
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6156.242 $\pm$ 1.847 χ^2 /NDF: 373626.3/15

6132.000 $\pm$ 1.268 χ^2 /NDF: 737885.7/33

6110.388 $\pm$ 1.744 χ^2 /NDF: 363933.6/17

reg_asym_atr1_mean vs Slug, Sign Corrected

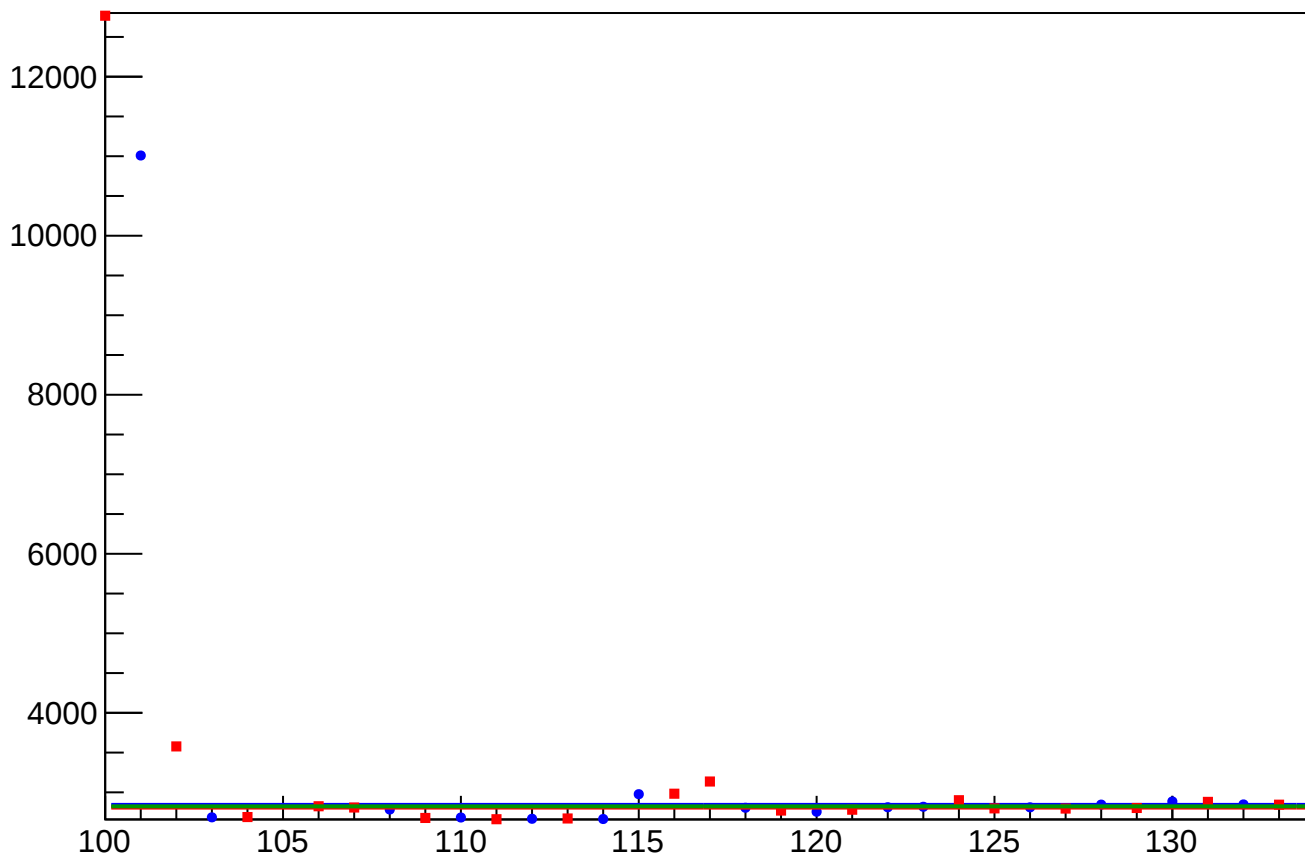


2059.732 $\pm$ 1214.192 χ^2/NDF : 11.7/15

2422.017 $\pm$ 824.134 χ^2/NDF : 20.1/33

2731.503 $\pm$ 1122.234 χ^2/NDF : 8.2/17

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.127+/-0.859 χ^2/NDF : 660094.8/15

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

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

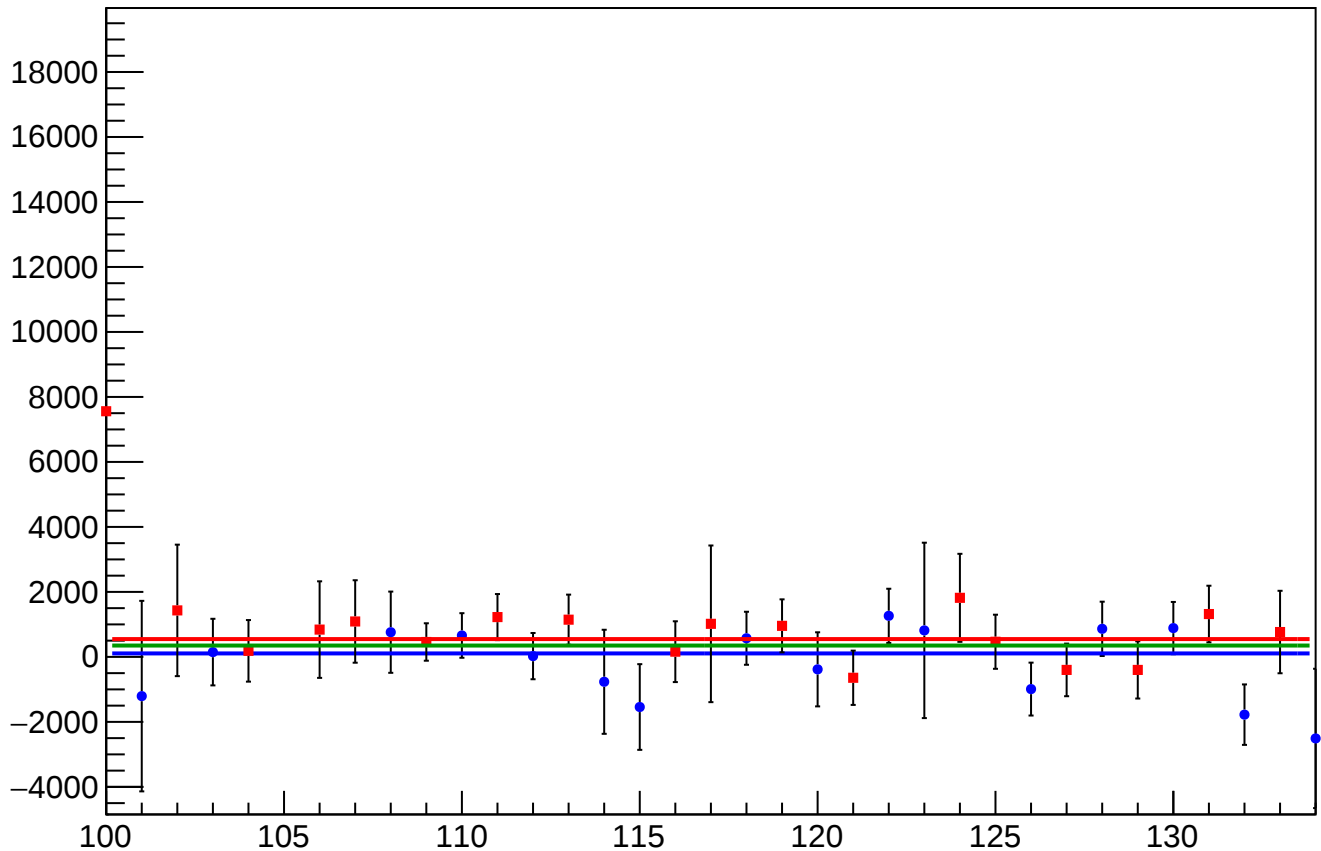
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2842.127+/-0.859 χ^2/NDF : 660094.8/15

2823.967+/-0.583 χ^2/NDF : 794136.5/33

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

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 106.870+/-246.300 χ^2 /NDF: 14.7/15

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

Right Out: 548.287+/-222.955 χ^2 /NDF: 9.1/17

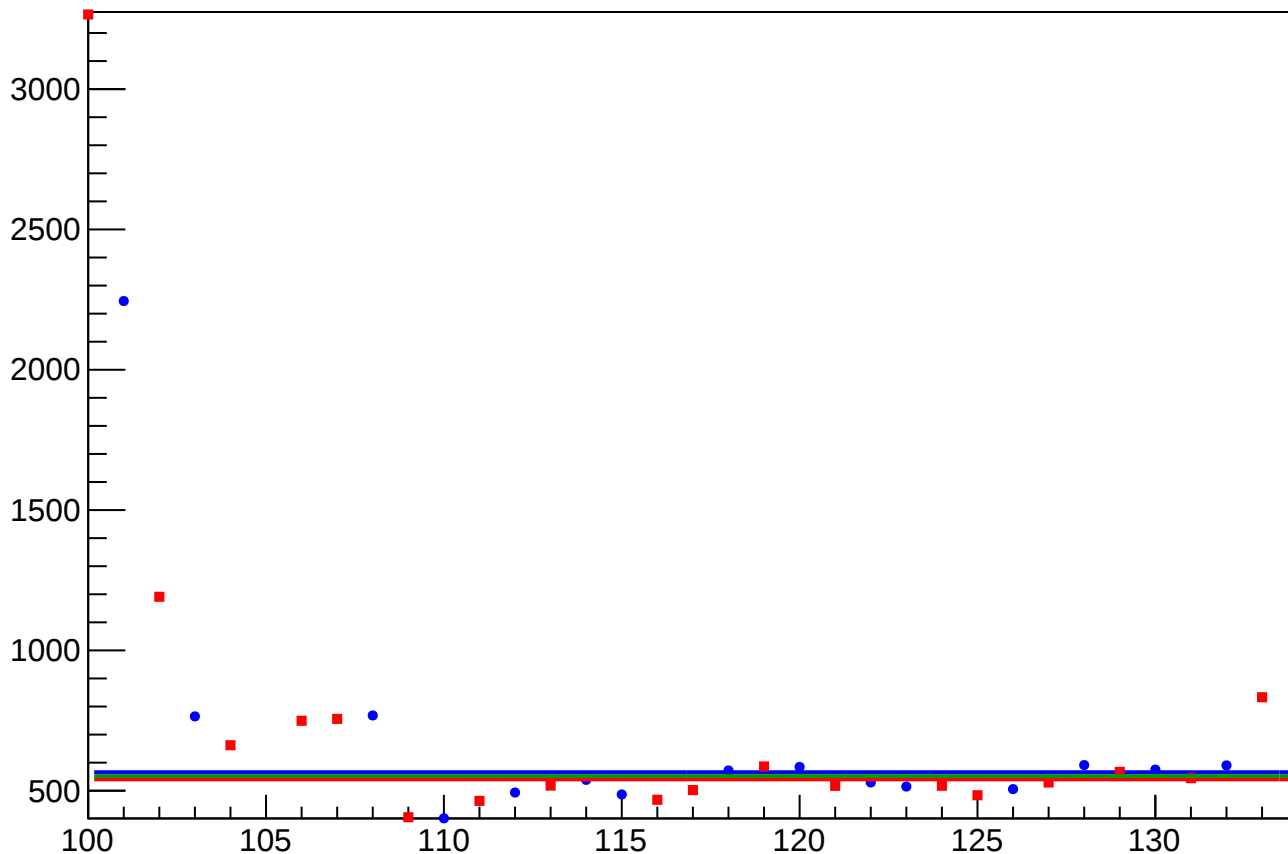
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

106.870+/-246.300 χ^2 /NDF: 14.7/15

349.485+/-165.292 χ^2 /NDF: 25.6/33

548.287+/-222.955 χ^2 /NDF: 9.1/17

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 565.812+/-0.174 χ^2/NDF : 1004973.6/15

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

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

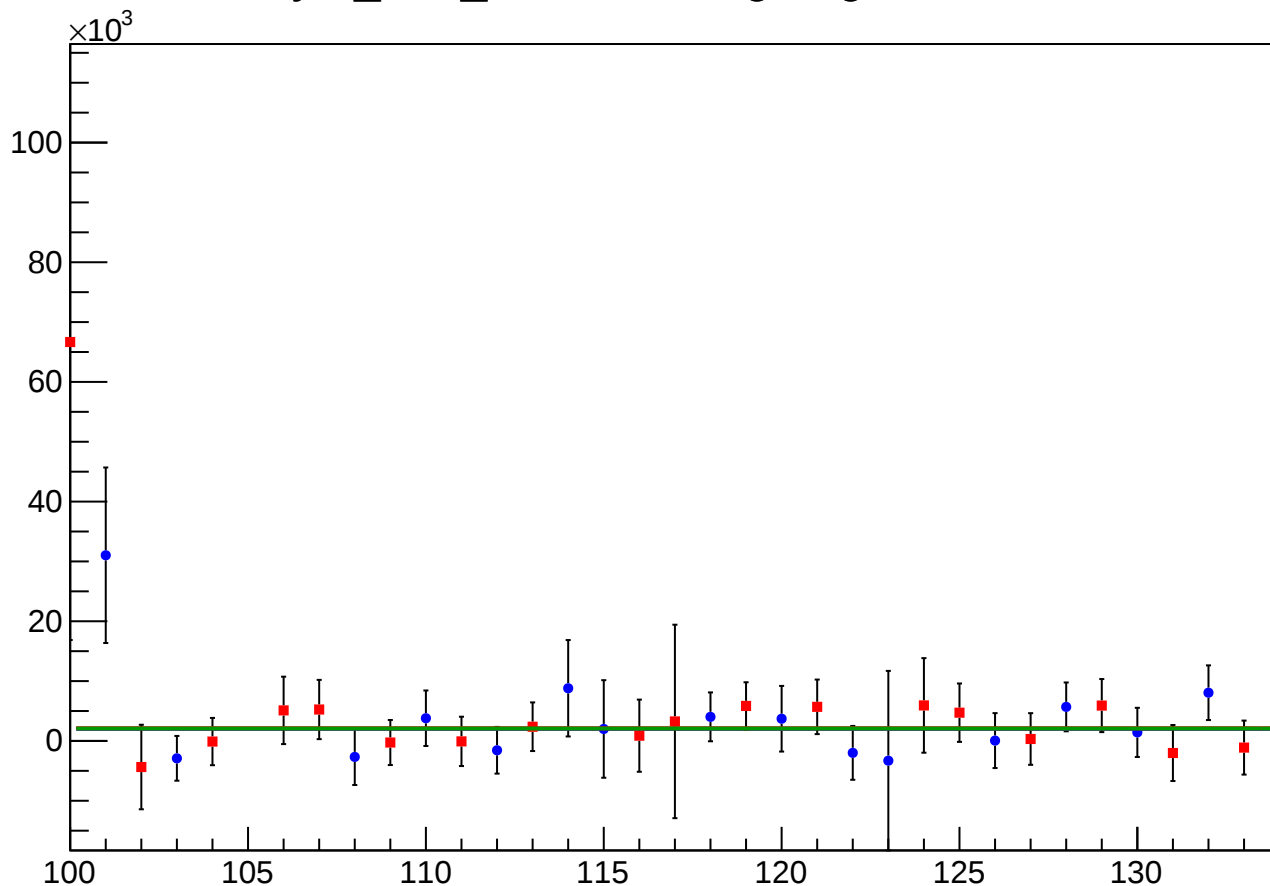
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

565.812+/-0.174 χ^2/NDF : 1004973.6/15

551.902+/-0.117 χ^2/NDF : 1723774.6/33

540.503+/-0.158 χ^2/NDF : 707193.6/17

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2030.342 $\pm$ 1243.860 χ^2 /NDF: 13.4/15

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

Right Out: 2111.937 $\pm$ 1156.660 χ^2 /NDF: 8.5/17

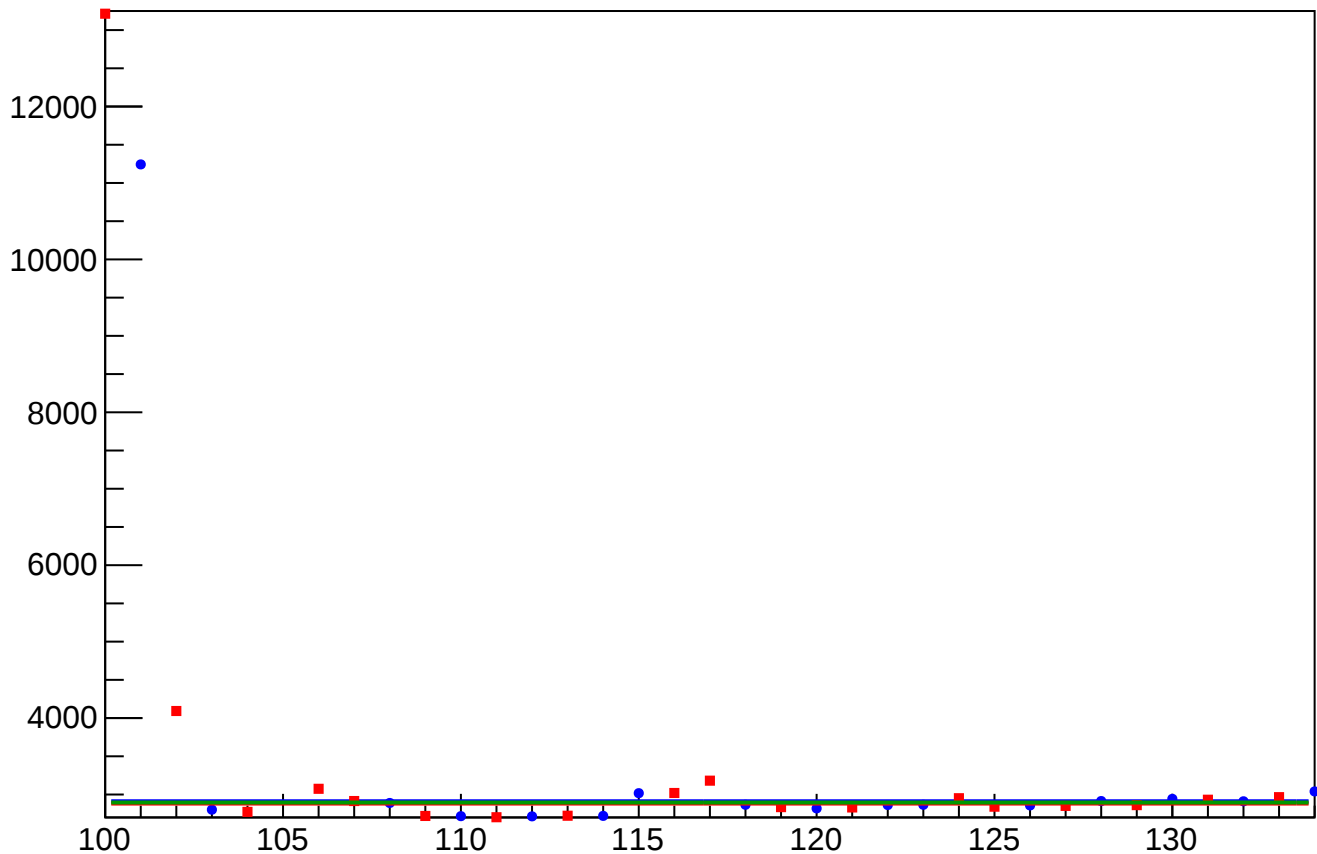
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2030.342 $\pm$ 1243.860 χ^2 /NDF: 13.4/15

2074.099 $\pm$ 847.034 χ^2 /NDF: 21.9/33

2111.937 $\pm$ 1156.660 χ^2 /NDF: 8.5/17

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2911.837+/-0.880 χ^2/NDF : 659393.2/15

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

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

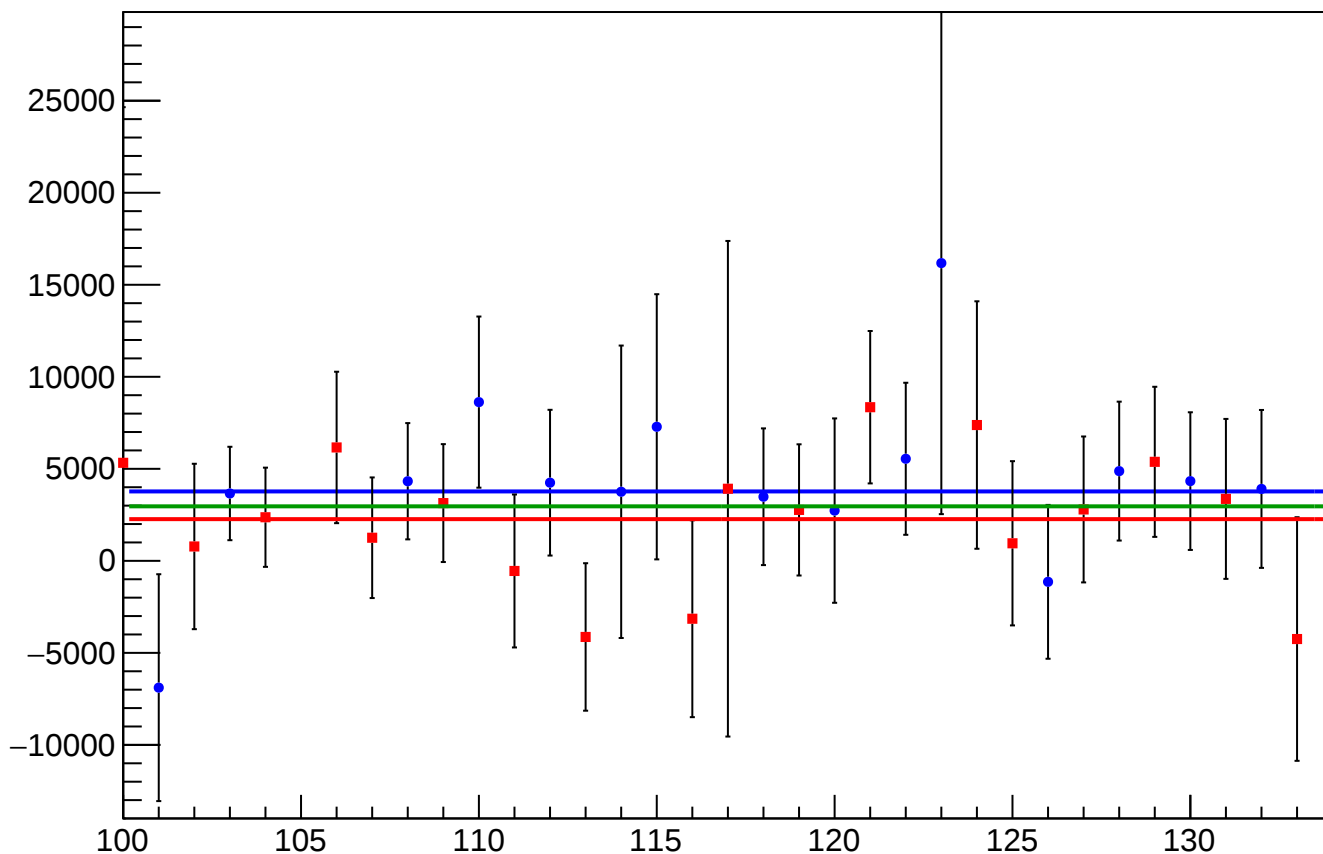
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2911.837+/-0.880 χ^2/NDF : 659393.2/15

2895.638+/-0.599 χ^2/NDF : 822985.0/33

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

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3771.801+/-1074.043 χ^2/NDF : 7.0/15

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

Right Out: 2265.804+/-995.432 χ^2/NDF : 9.7/17

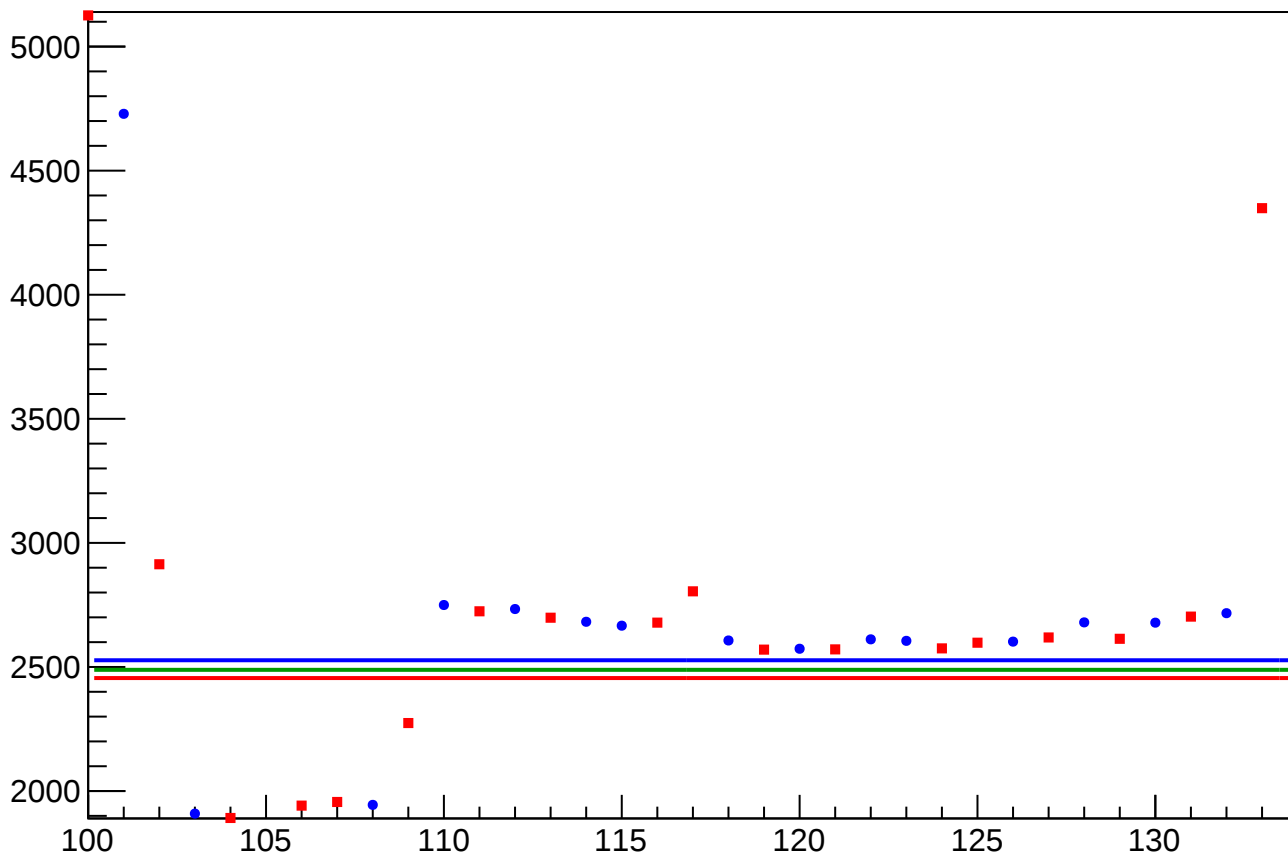
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3771.801+/-1074.043 χ^2/NDF : 7.0/15

2961.678+/-730.087 χ^2/NDF : 17.8/33

2265.804+/-995.432 χ^2/NDF : 9.7/17

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2527.091+/-0.759 χ^2/NDF : 534674.6/15

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

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

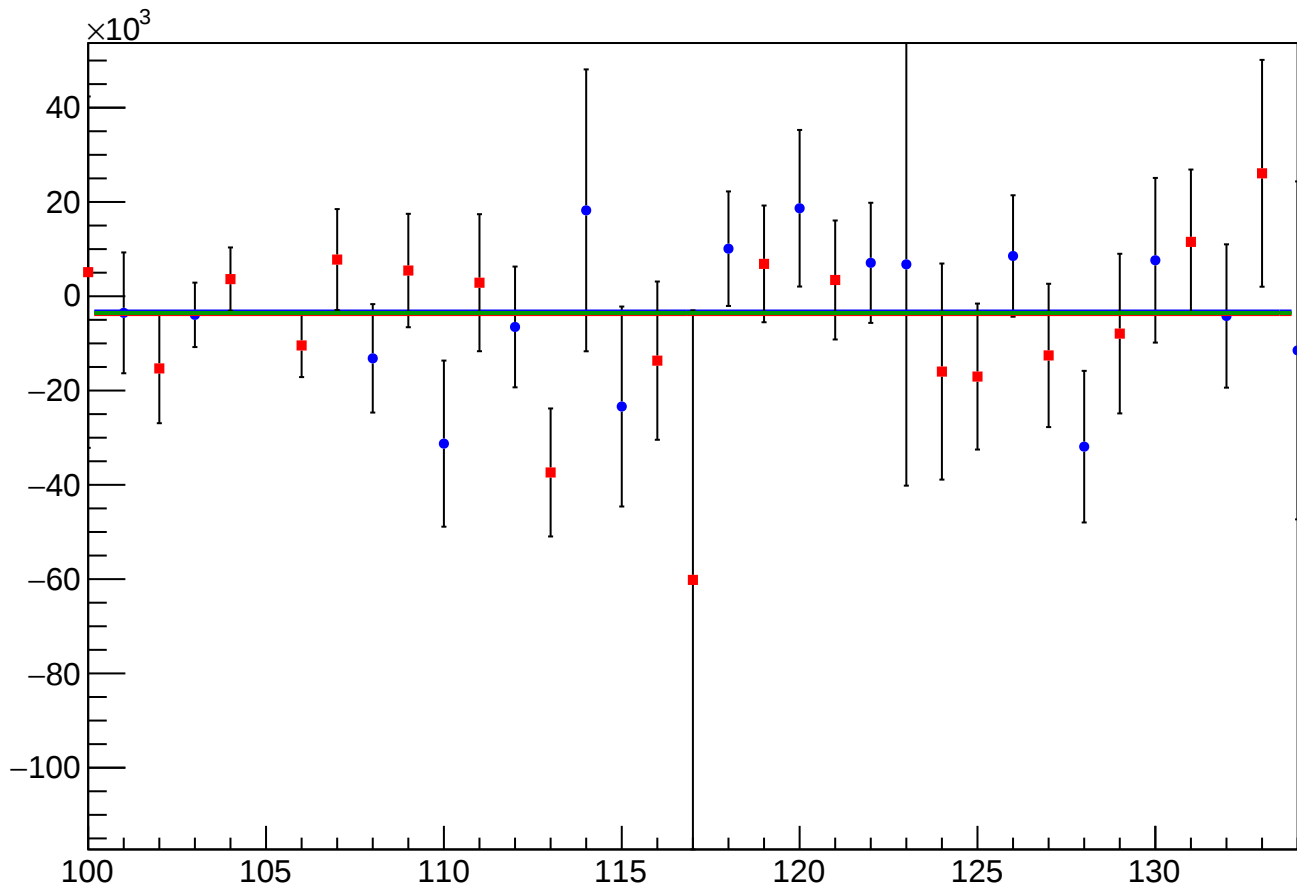
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2527.091+/-0.759 χ^2/NDF : 534674.6/15

2488.495+/-0.516 χ^2/NDF : 973622.6/33

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

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3234.247+/-3470.596 χ^2 /NDF: 12.9/15

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

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

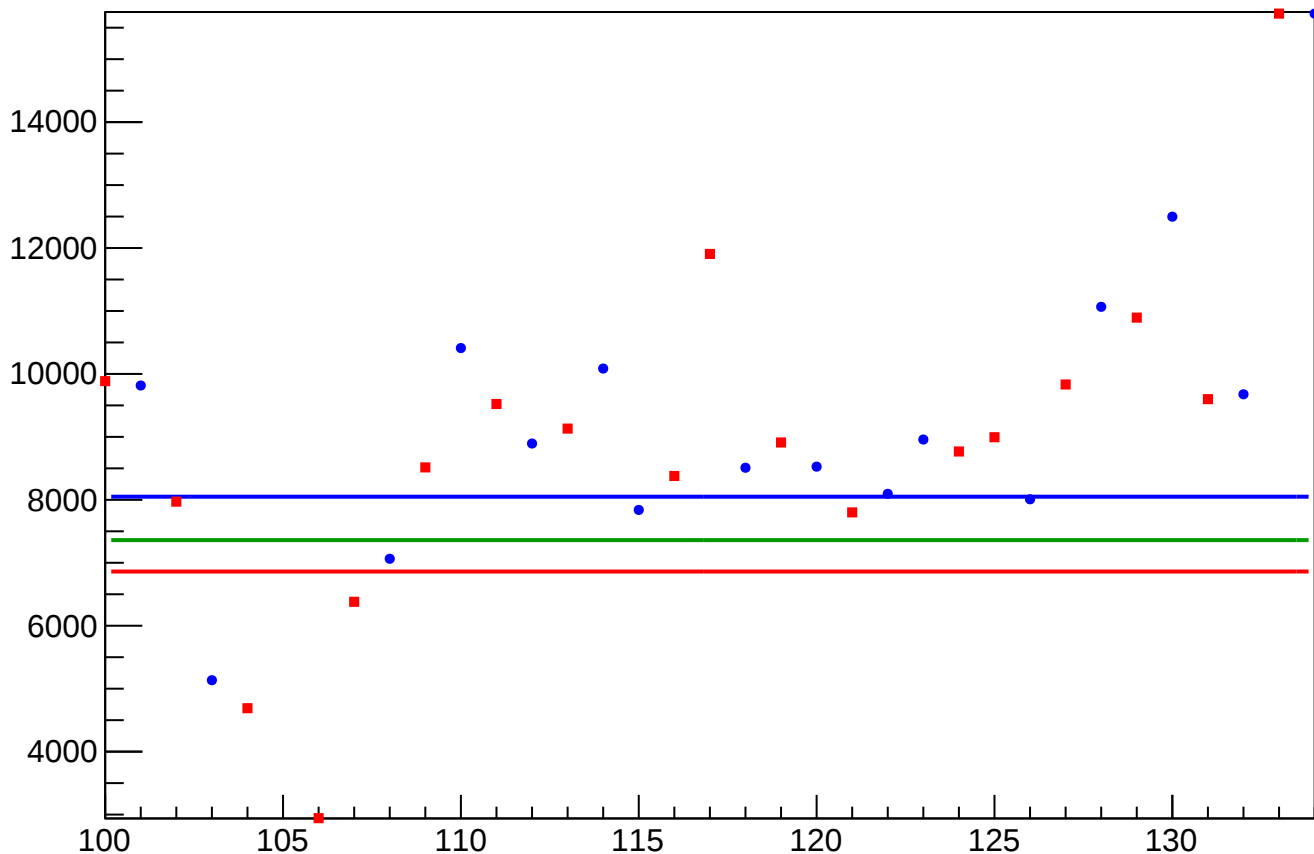
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3234.247+/-3470.596 χ^2 /NDF: 12.9/15

-3551.084+/-2248.194 χ^2 /NDF: 30.6/33

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

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8049.849+/-2.454 χ^2/NDF : 790715.2/15

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

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

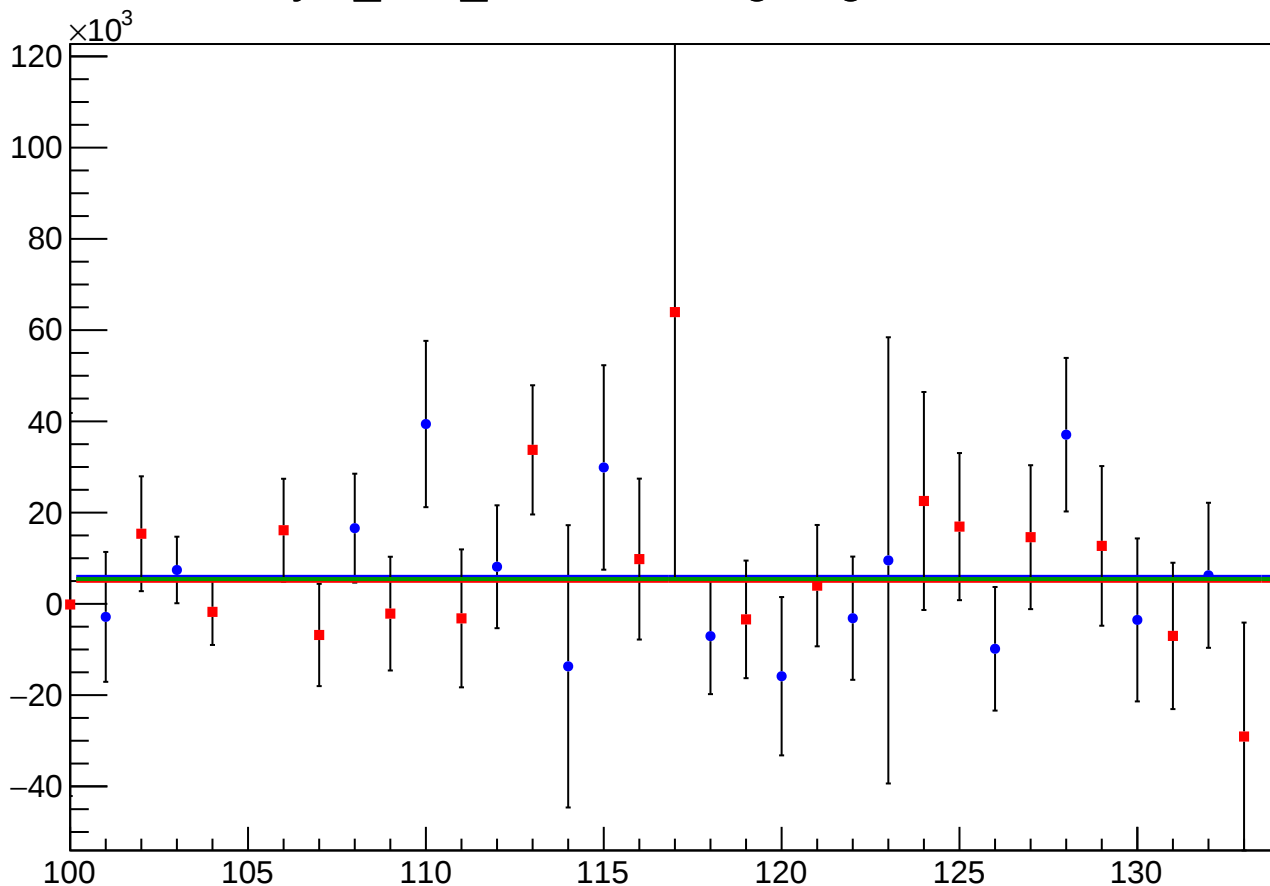
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8049.849+/-2.454 χ^2/NDF : 790715.2/15

7360.083+/-1.590 χ^2/NDF : 2688559.4/33

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

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5923.643+/-3663.067 χ^2 /NDF: 14.3/15

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

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

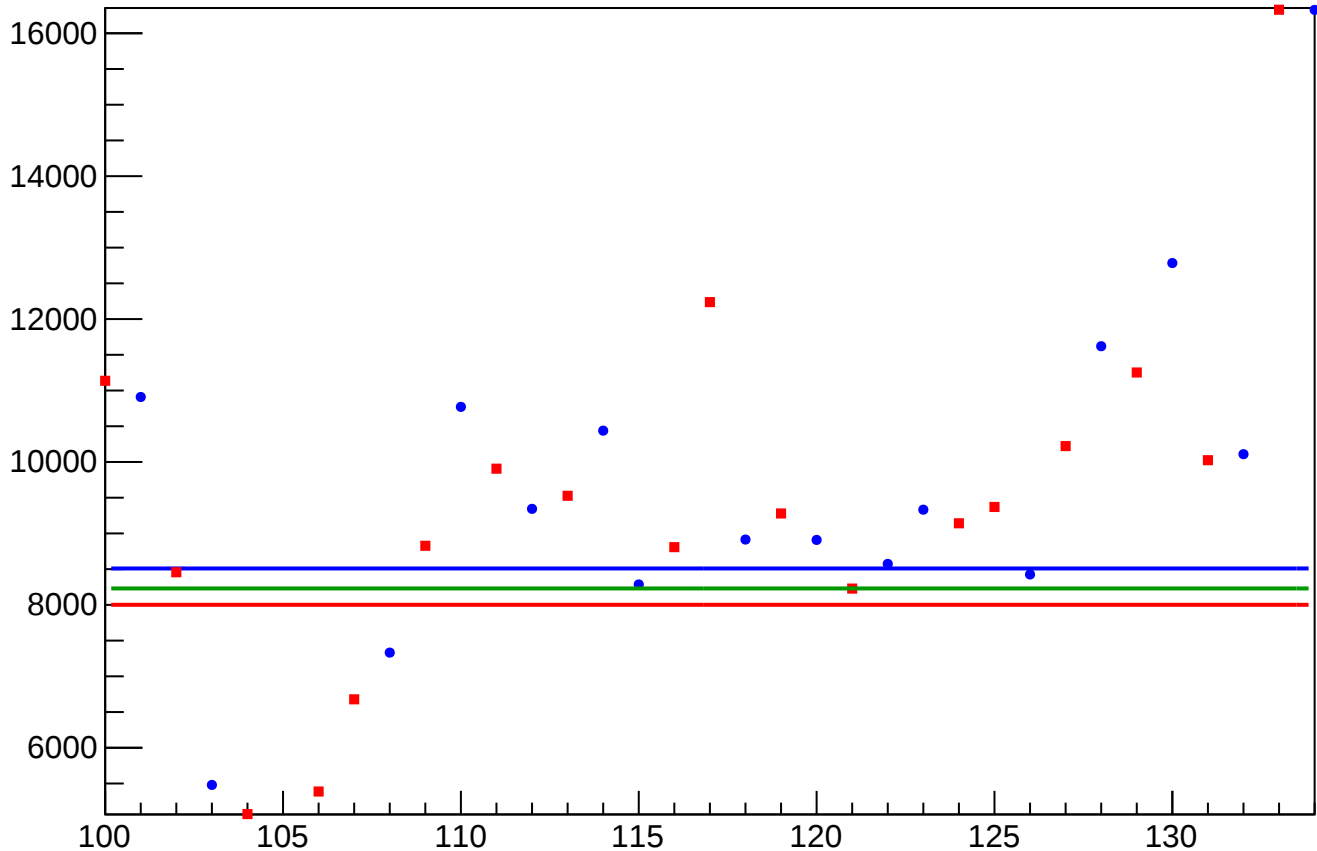
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

5923.643+/-3663.067 χ^2 /NDF: 14.3/15

5443.992+/-2457.426 χ^2 /NDF: 28.4/33

5051.455+/-3313.775 χ^2 /NDF: 14.0/17

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8509.618+/-2.590 χ^2/NDF : 763205.2/15

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

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

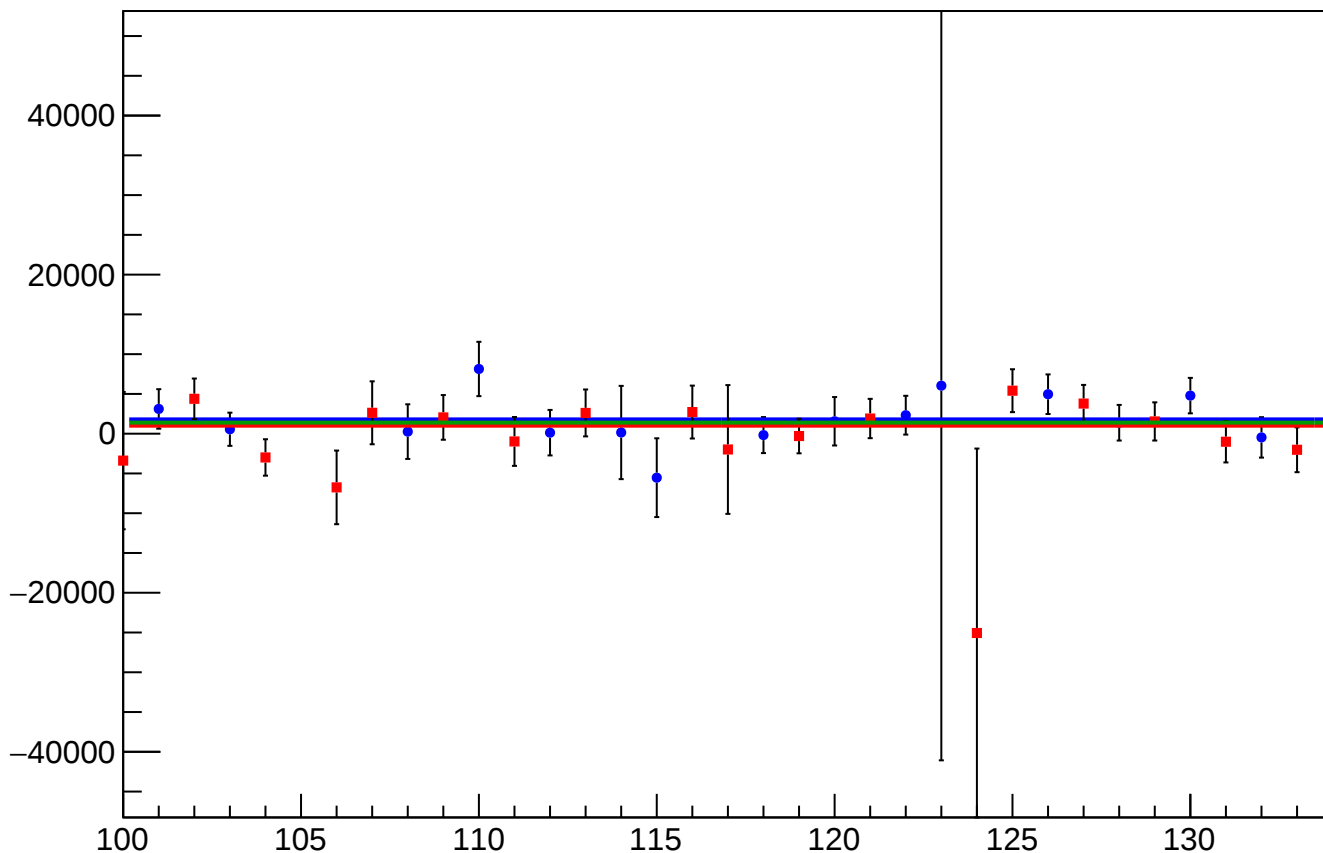
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8509.618+/-2.590 χ^2/NDF : 763205.2/15

8229.864+/-1.738 χ^2/NDF : 1740324.0/33

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

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1797.427+/-707.606 χ^2/NDF : 12.4/15

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

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

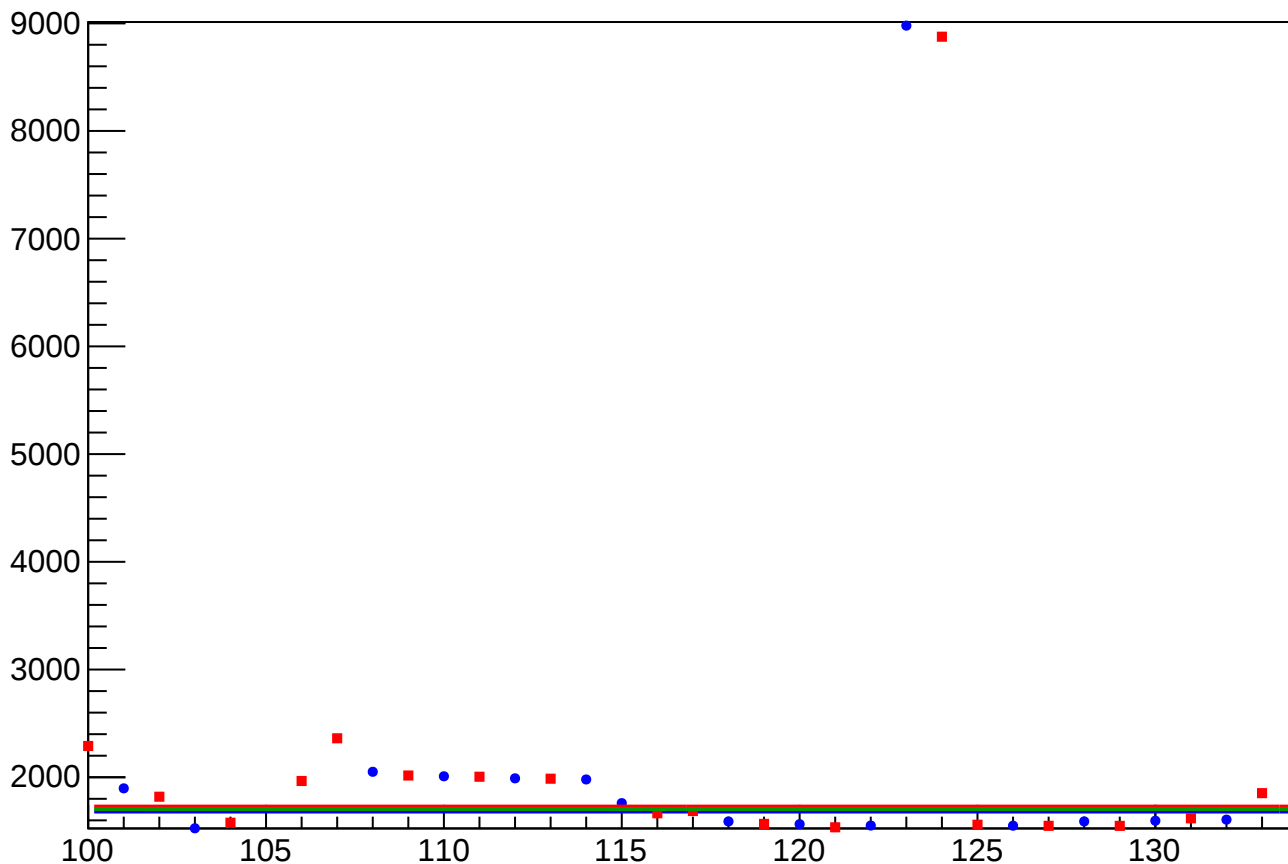
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1797.427+/-707.606 χ^2/NDF : 12.4/15

1396.130+/-496.149 χ^2/NDF : 29.9/33

1008.040+/-695.864 χ^2/NDF : 16.9/17

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1682.044+/-0.500 χ^2/NDF : 173521.4/15

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

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

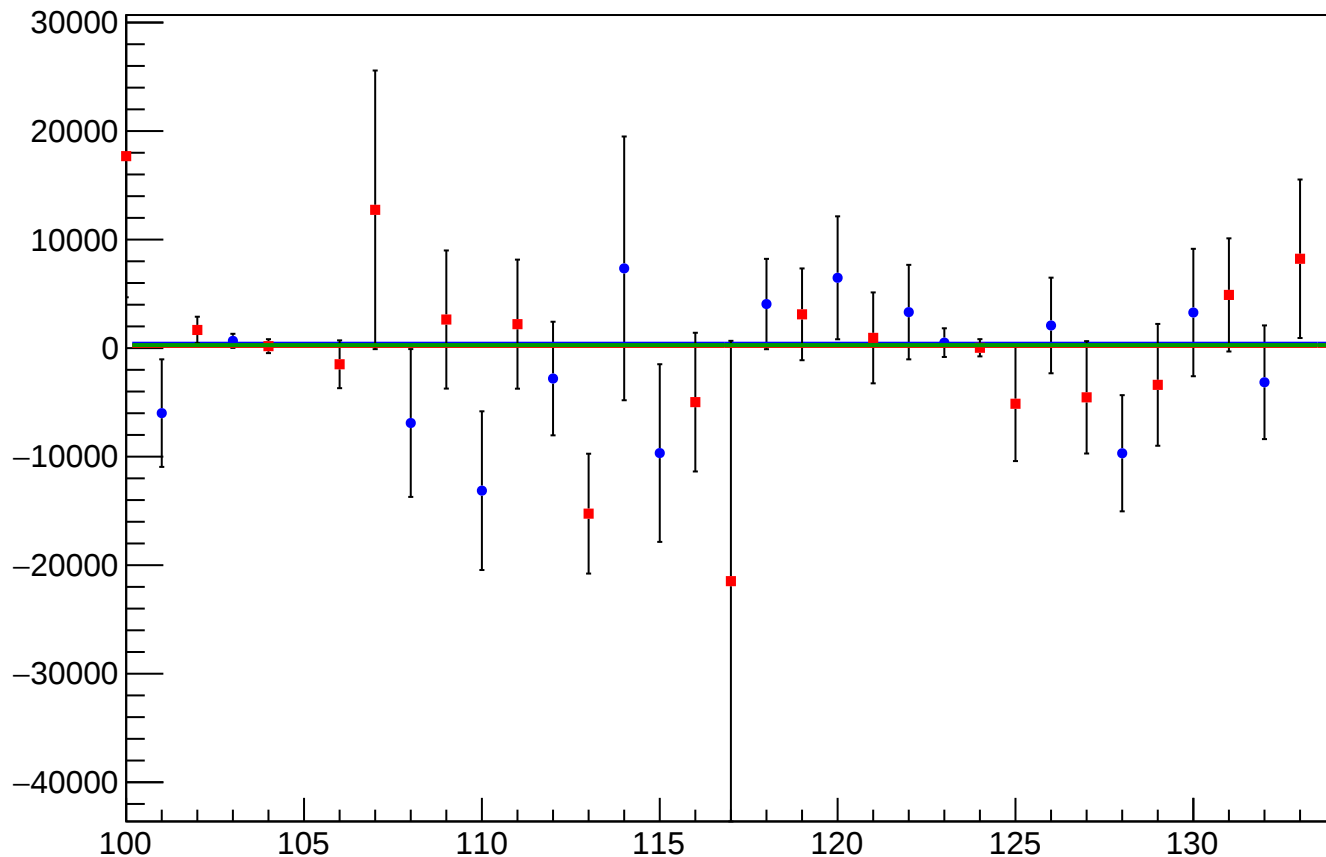
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1682.044+/-0.500 χ^2/NDF : 173521.4/15

1705.285+/-0.350 χ^2/NDF : 560657.4/33

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

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 406.206+/-543.131 χ^2/NDF : 15.6/15

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

Right Out: 198.648+/-434.533 χ^2/NDF : 19.3/17

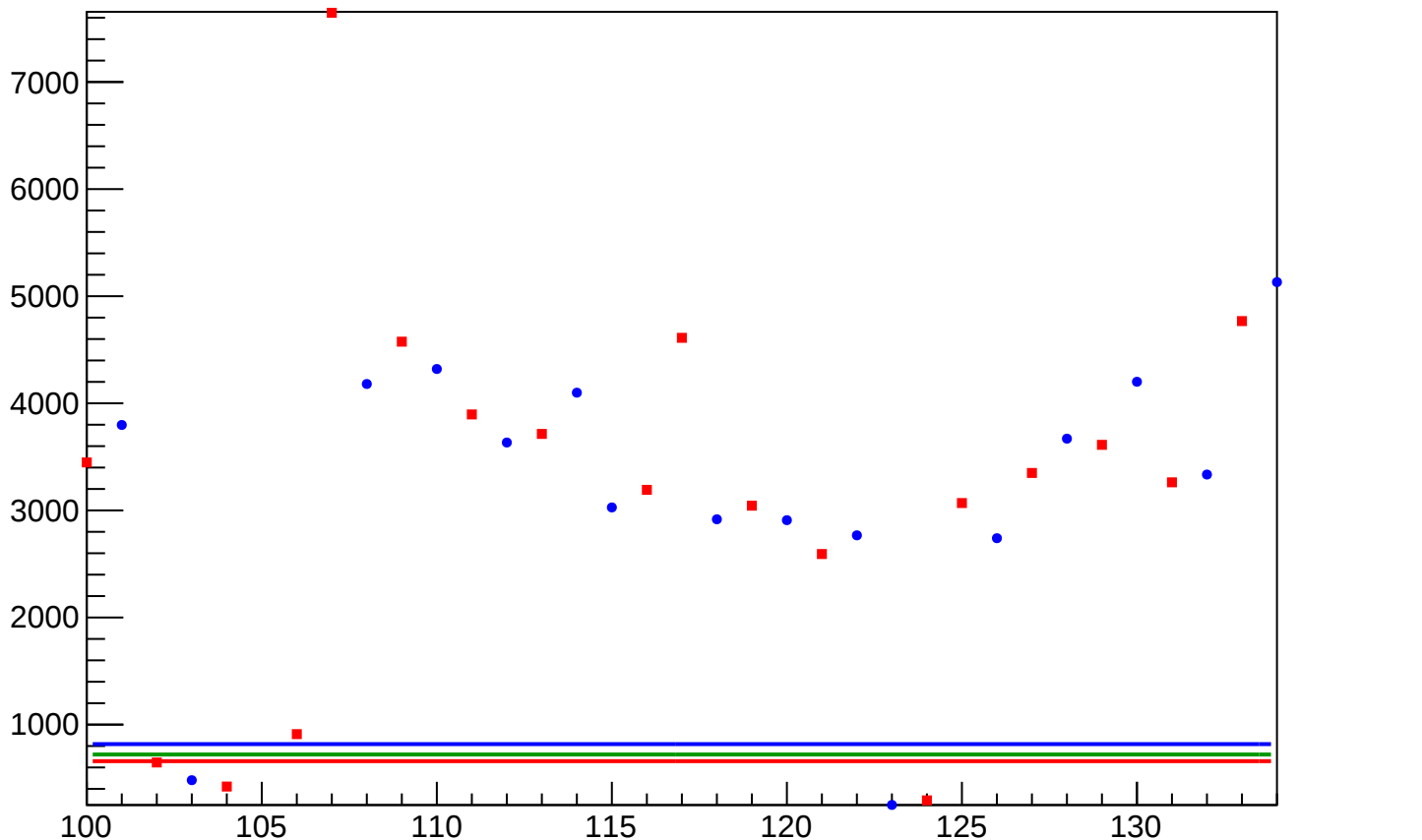
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

406.206+/-543.131 χ^2/NDF : 15.6/15

279.653+/-339.305 χ^2/NDF : 35.0/33

198.648+/-434.533 χ^2/NDF : 19.3/17

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 817.859+/-0.384 χ^2/NDF : 6974933.6/15

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

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

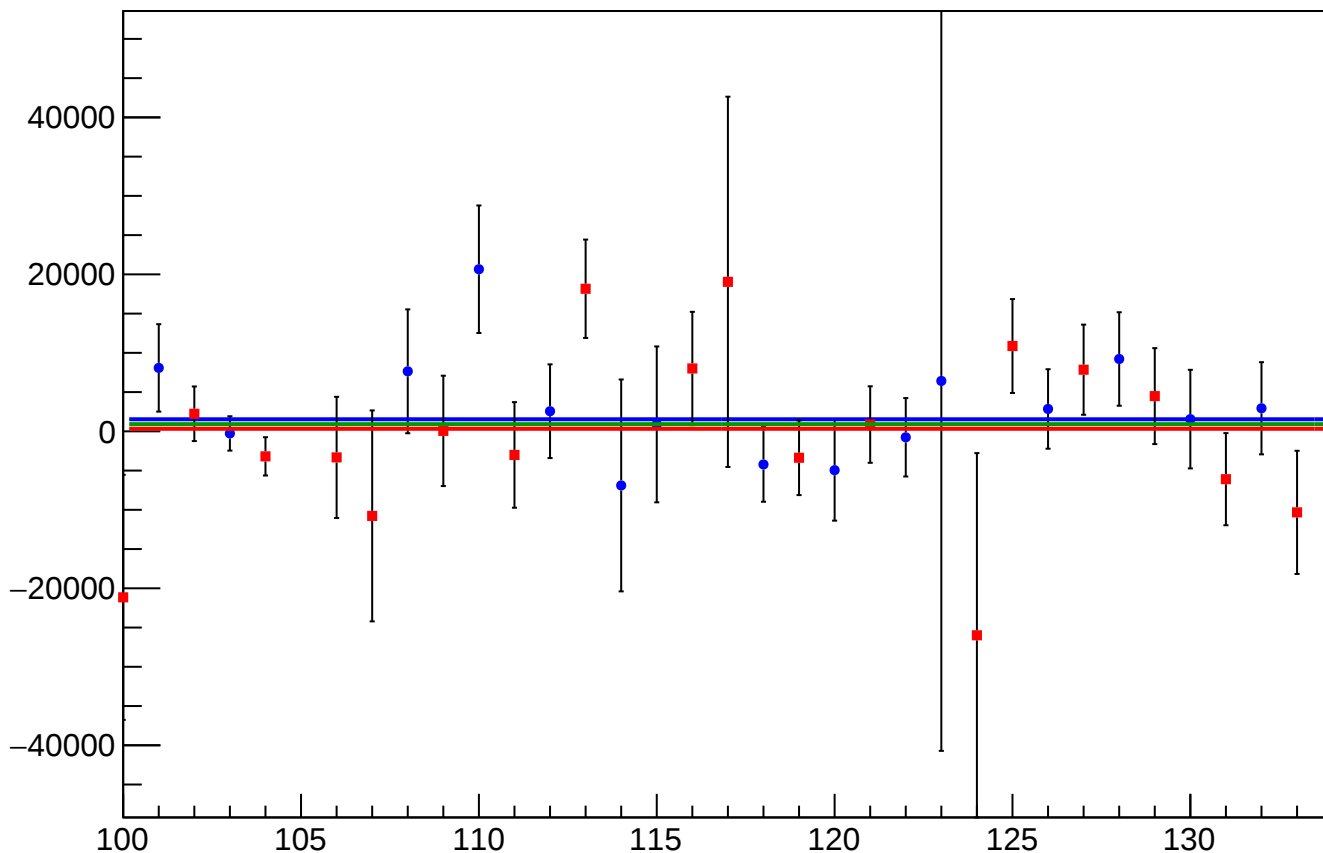
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

817.859+/-0.384 χ^2/NDF : 6974933.6/15

720.827+/-0.240 χ^2/NDF : 14536937.9/33

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

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1537.710 $\pm$ 1345.130 χ^2 /NDF: 13.1/15

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

Right Out: 324.324 $\pm$ 1308.348 χ^2 /NDF: 25.5/17

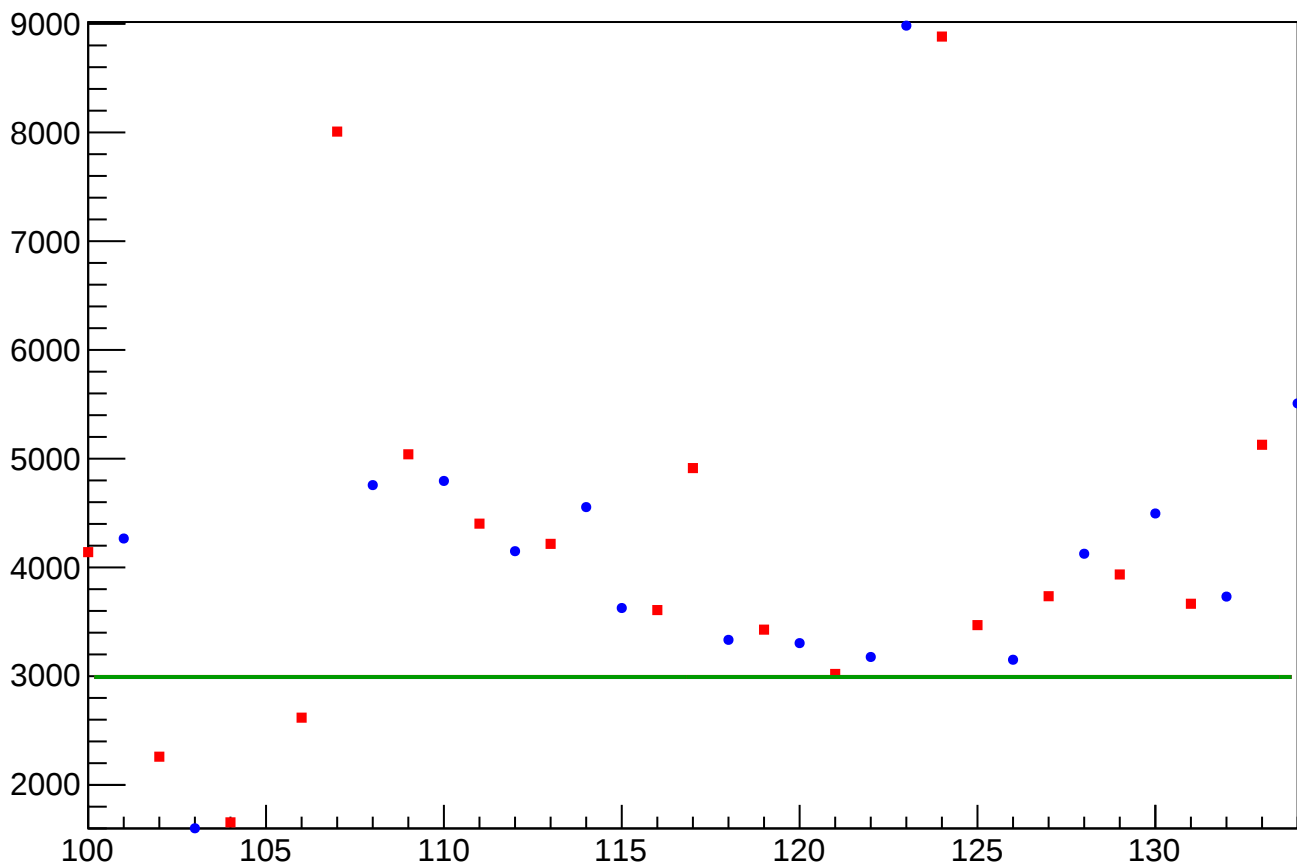
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1537.710 $\pm$ 1345.130 χ^2 /NDF: 13.1/15

914.201 $\pm$ 937.876 χ^2 /NDF: 39.1/33

324.324 $\pm$ 1308.348 χ^2 /NDF: 25.5/17

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2992.278+/-0.951 χ^2 /NDF: 1571216.9/15

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

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

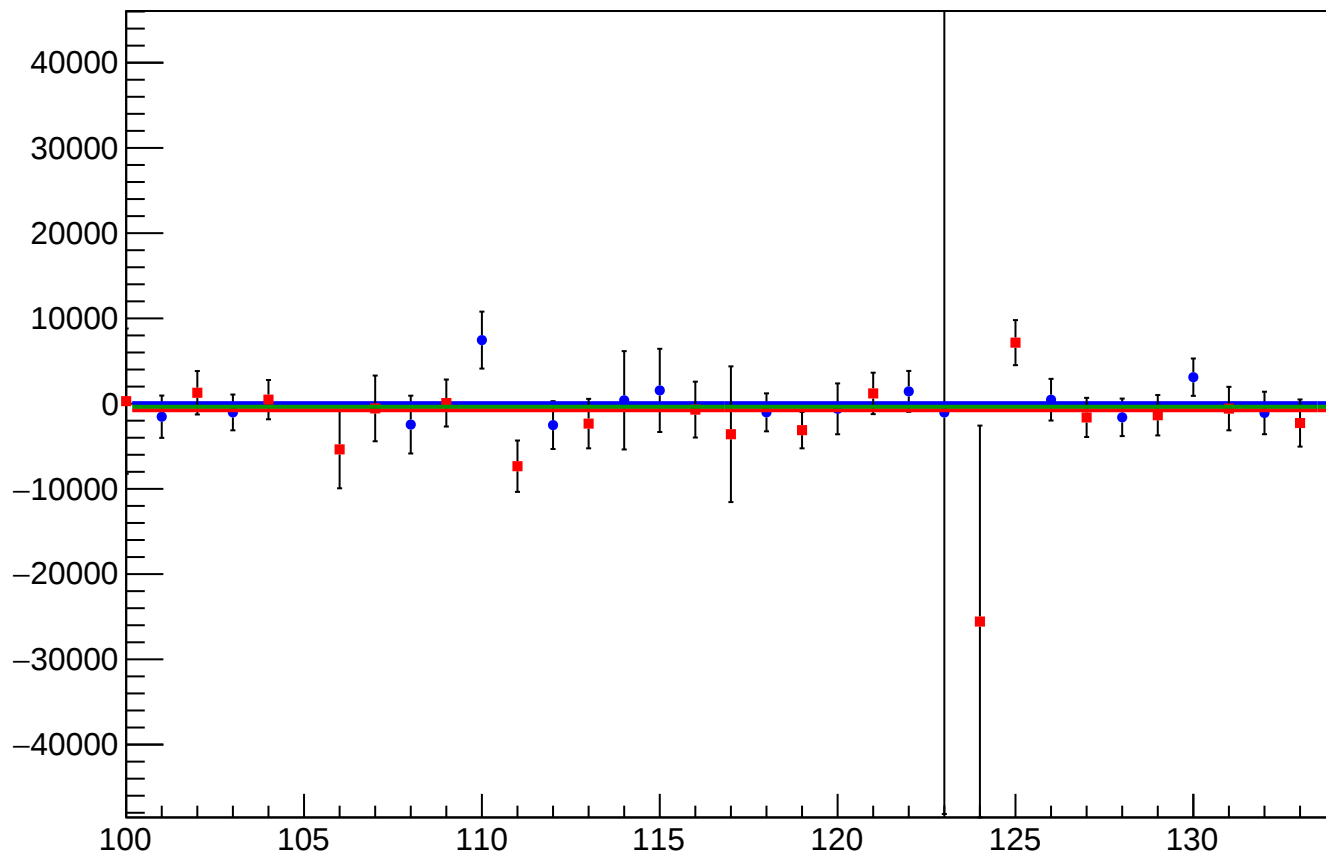
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2992.278+/-0.951 χ^2 /NDF: 1571216.9/15

2992.620+/-0.658 χ^2 /NDF: 3334570.0/33

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

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 54.697+/-698.130 χ^2/NDF : 11.1/15

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

Right Out: -775.198+/-685.808 χ^2/NDF : 19.7/17

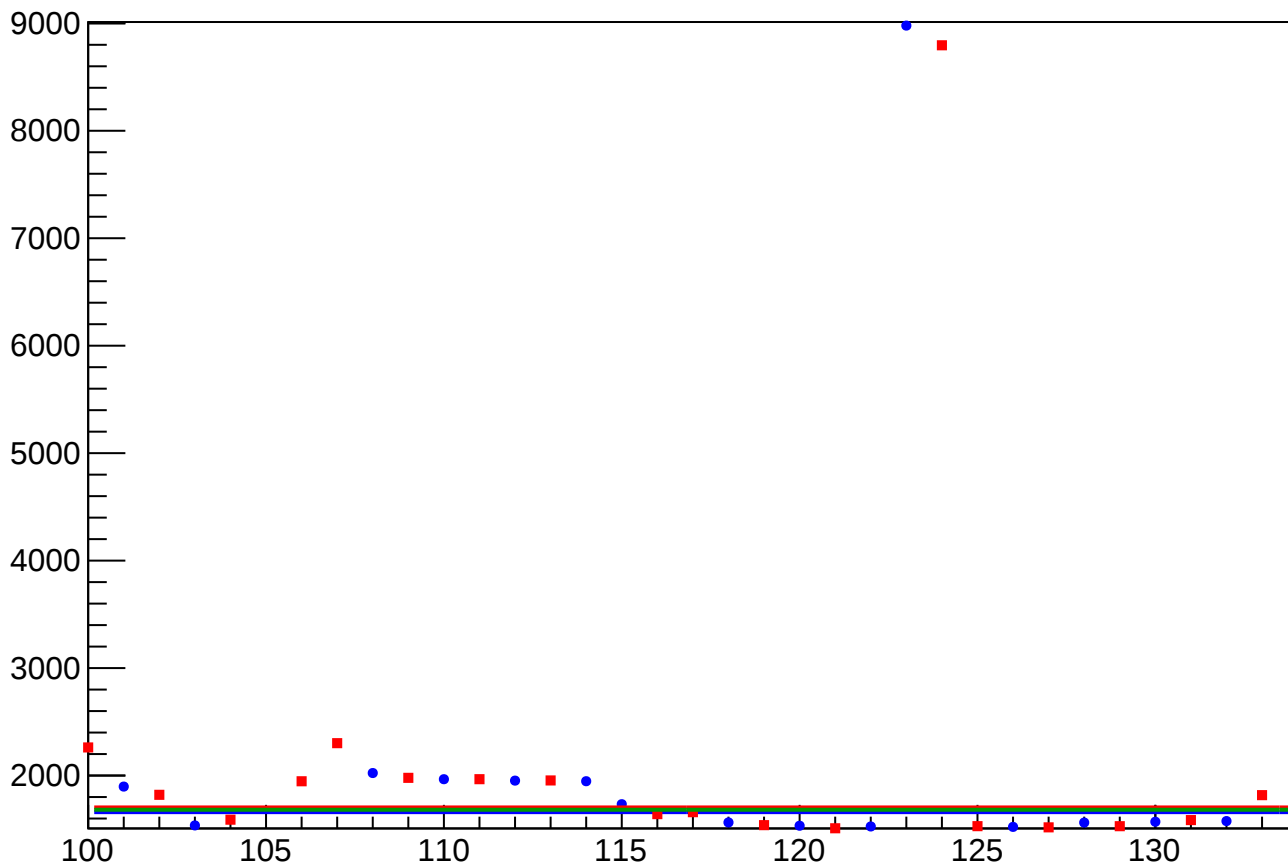
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.697+/-698.130 χ^2/NDF : 11.1/15

-367.639+/-489.238 χ^2/NDF : 31.5/33

-775.198+/-685.808 χ^2/NDF : 19.7/17

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1659.476+/-0.494 χ^2/NDF : 173416.7/15

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

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

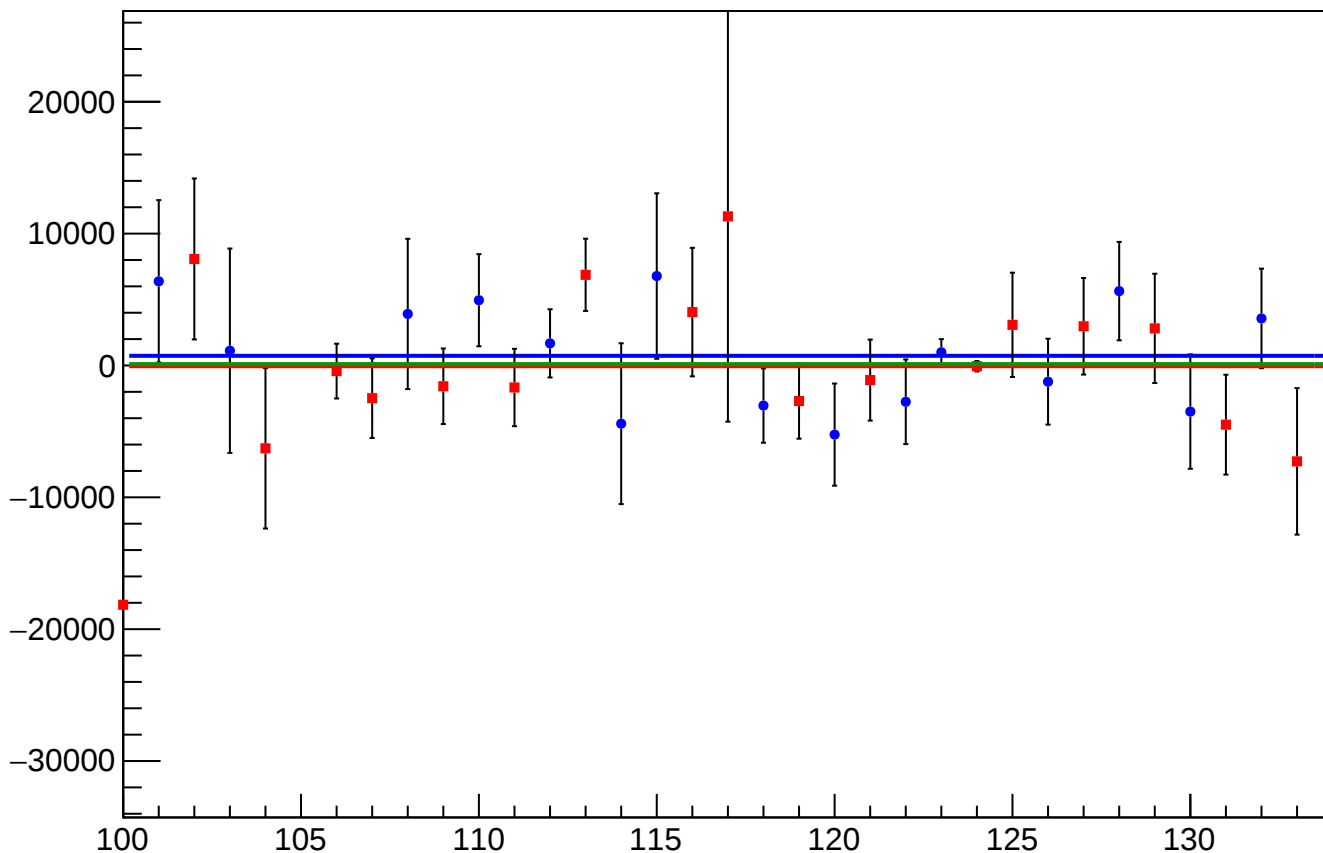
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1659.476+/-0.494 χ^2/NDF : 173416.7/15

1681.788+/-0.345 χ^2/NDF : 557511.6/33

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

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 732.528+/-714.013 χ^2/NDF : 13.6/15

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

Right Out: -55.123+/-357.925 χ^2/NDF : 18.8/17

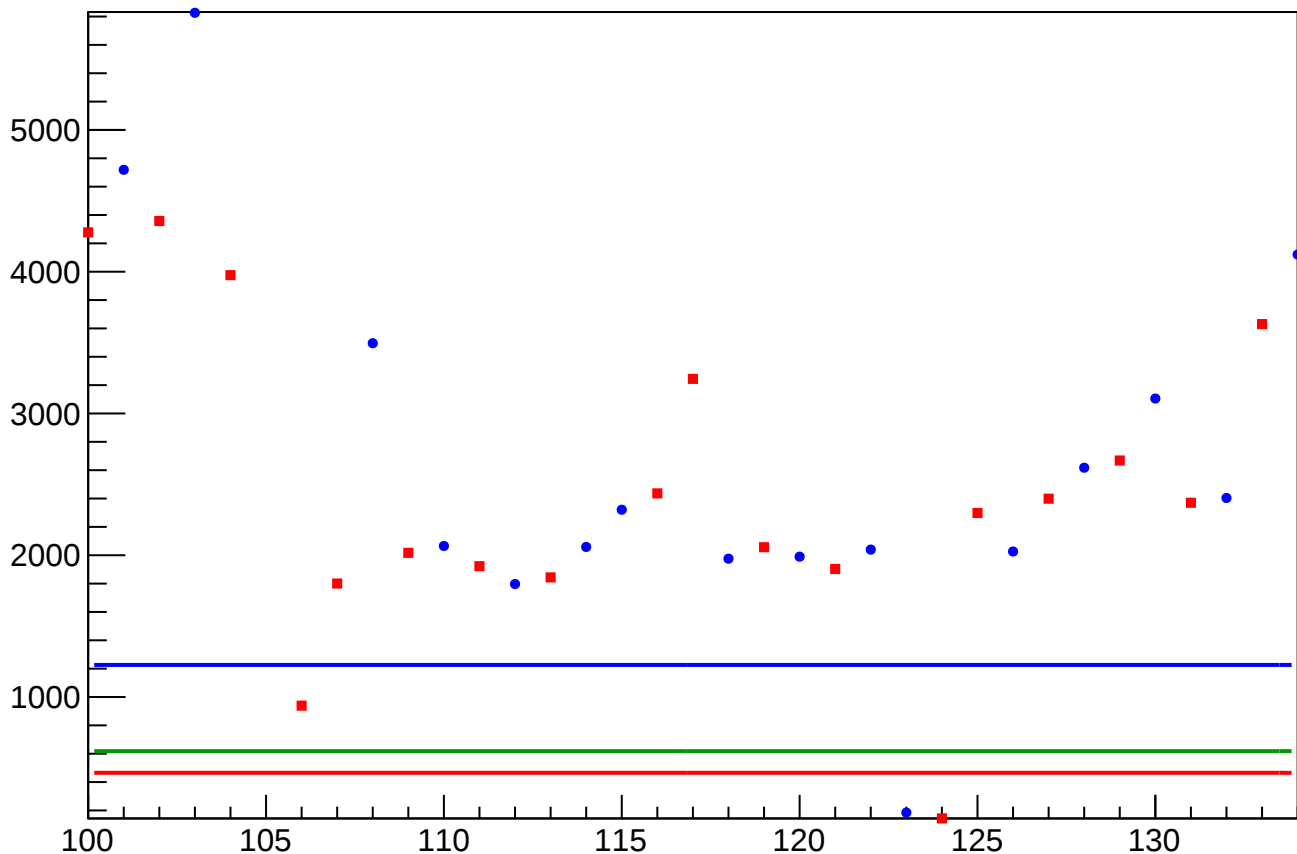
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

732.528+/-714.013 χ^2/NDF : 13.6/15

103.056+/-319.973 χ^2/NDF : 33.4/33

-55.123+/-357.925 χ^2/NDF : 18.8/17

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1226.261+/-0.505 χ^2/NDF : 5675069.1/15

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

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

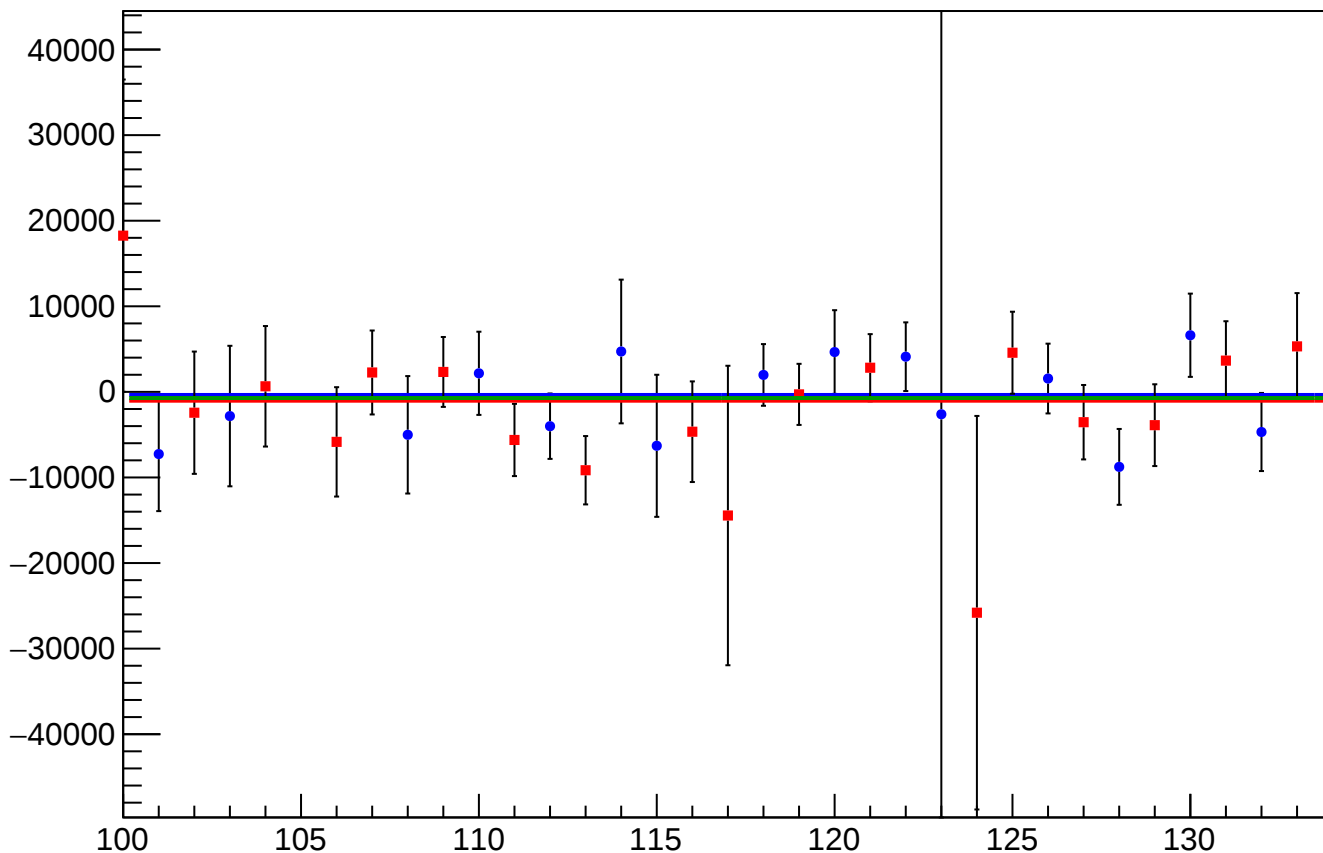
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1226.261+/-0.505 χ^2/NDF : 5675069.1/15

618.152+/-0.226 χ^2/NDF : 16658041.8/33

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

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -361.226+/-1302.225 χ^2/NDF : 13.2/15

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

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

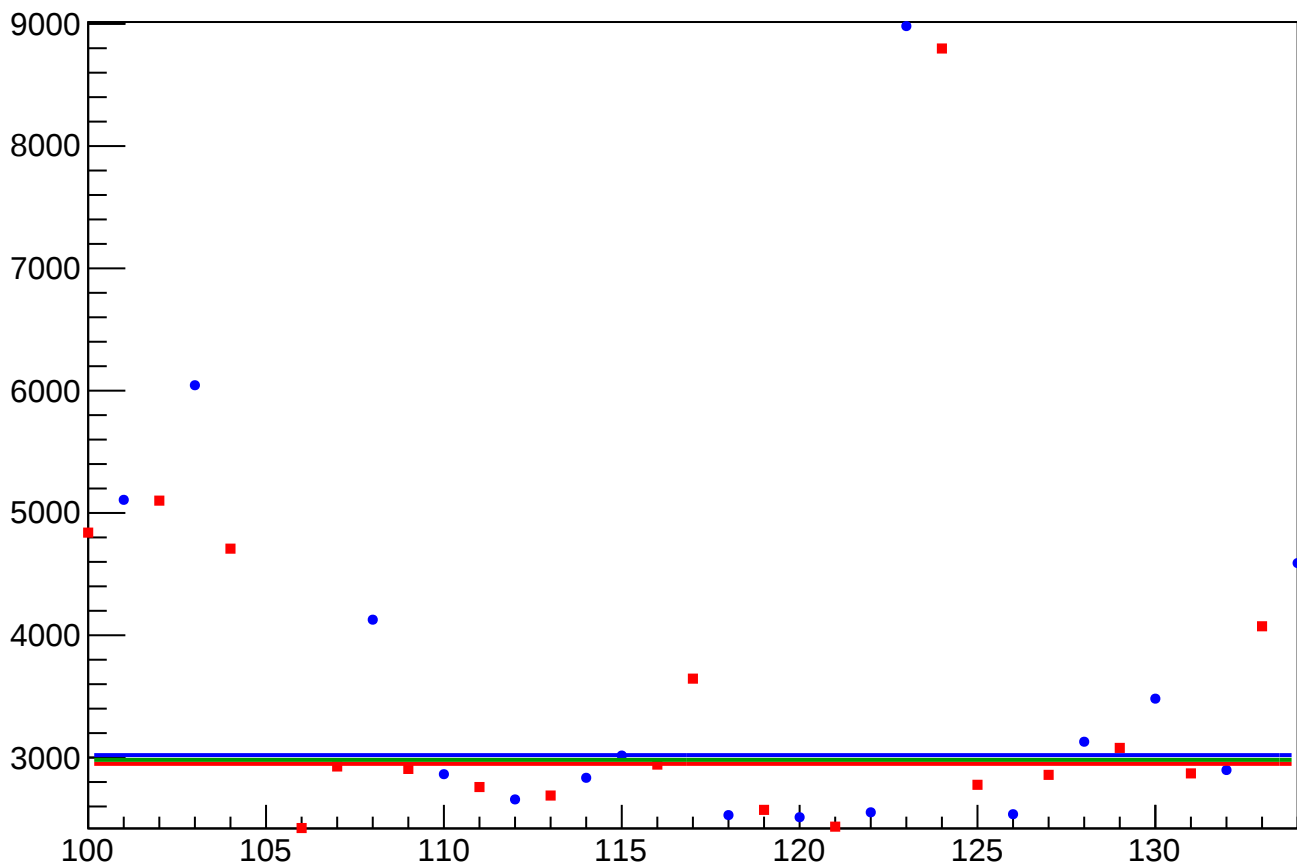
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-361.226+/-1302.225 χ^2/NDF : 13.2/15

-718.134+/-888.058 χ^2/NDF : 28.8/33

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

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3019.986+/-0.921 χ^2 /NDF: 750863.0/15

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

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

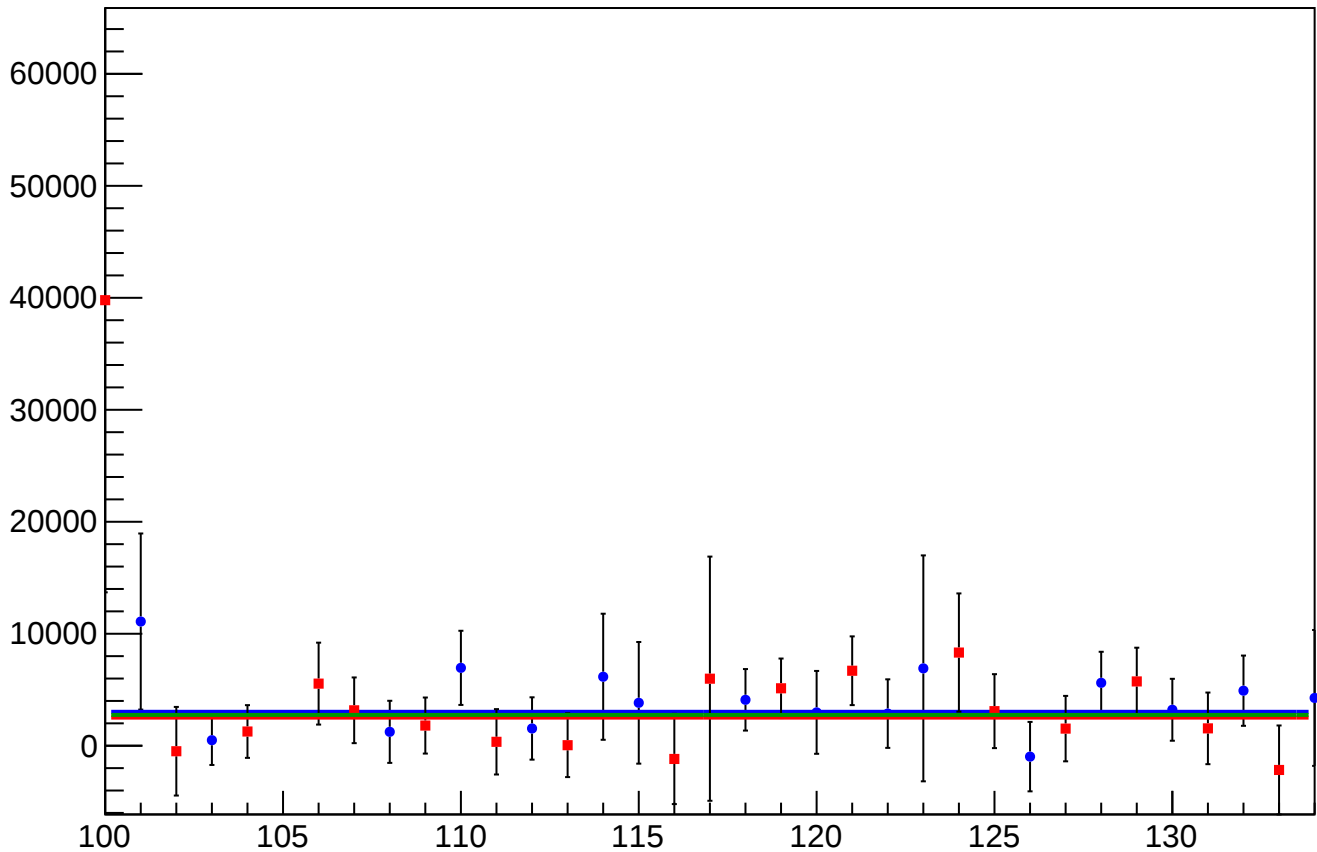
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3019.986+/-0.921 χ^2 /NDF: 750863.0/15

2981.313+/-0.624 χ^2 /NDF: 1377888.1/33

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

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3030.589+/-829.904 χ^2/NDF : 8.0/15

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

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

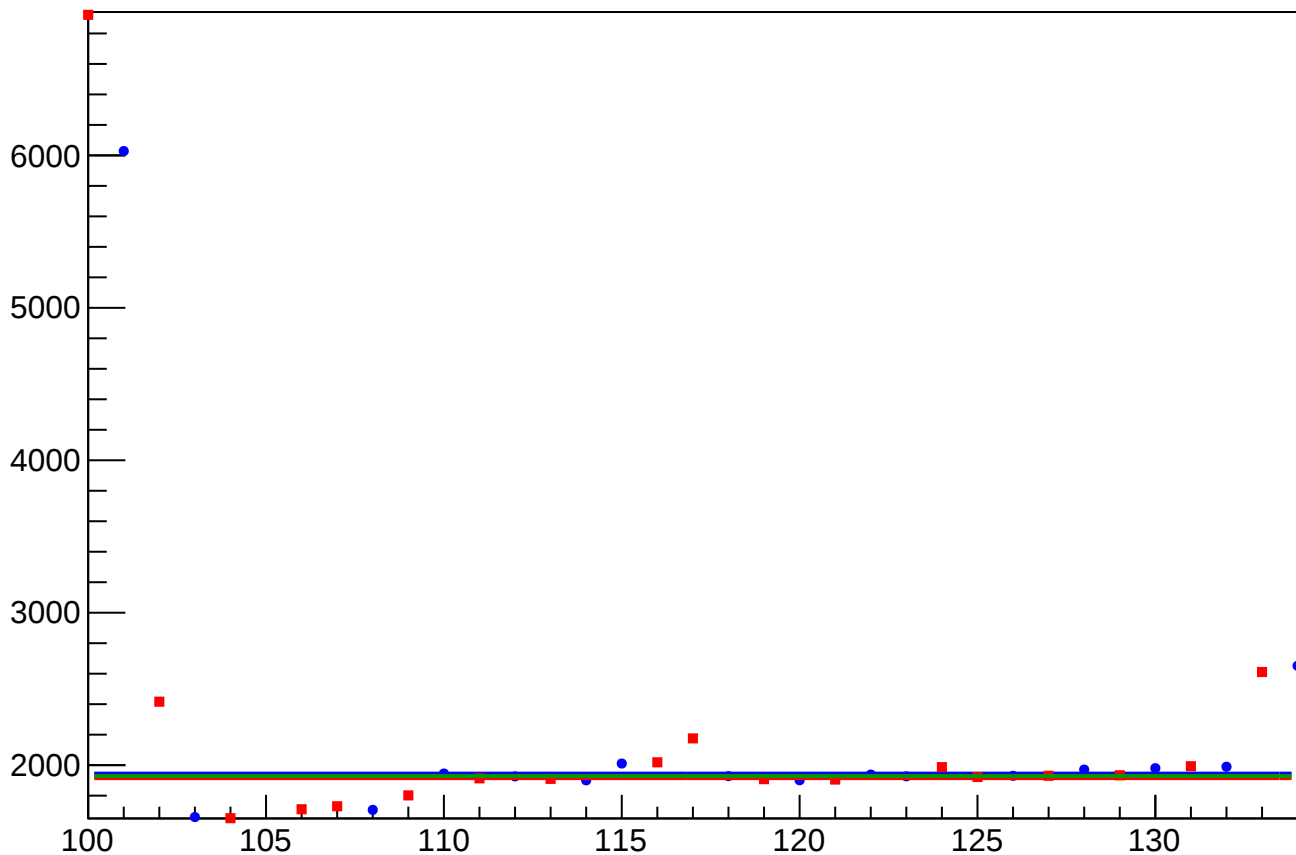
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3030.589+/-829.904 χ^2/NDF : 8.0/15

2753.086+/-565.879 χ^2/NDF : 21.0/33

2511.957+/-773.606 χ^2/NDF : 12.8/17

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1944.266+/-0.587 χ^2/NDF : 616411.4/15

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

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

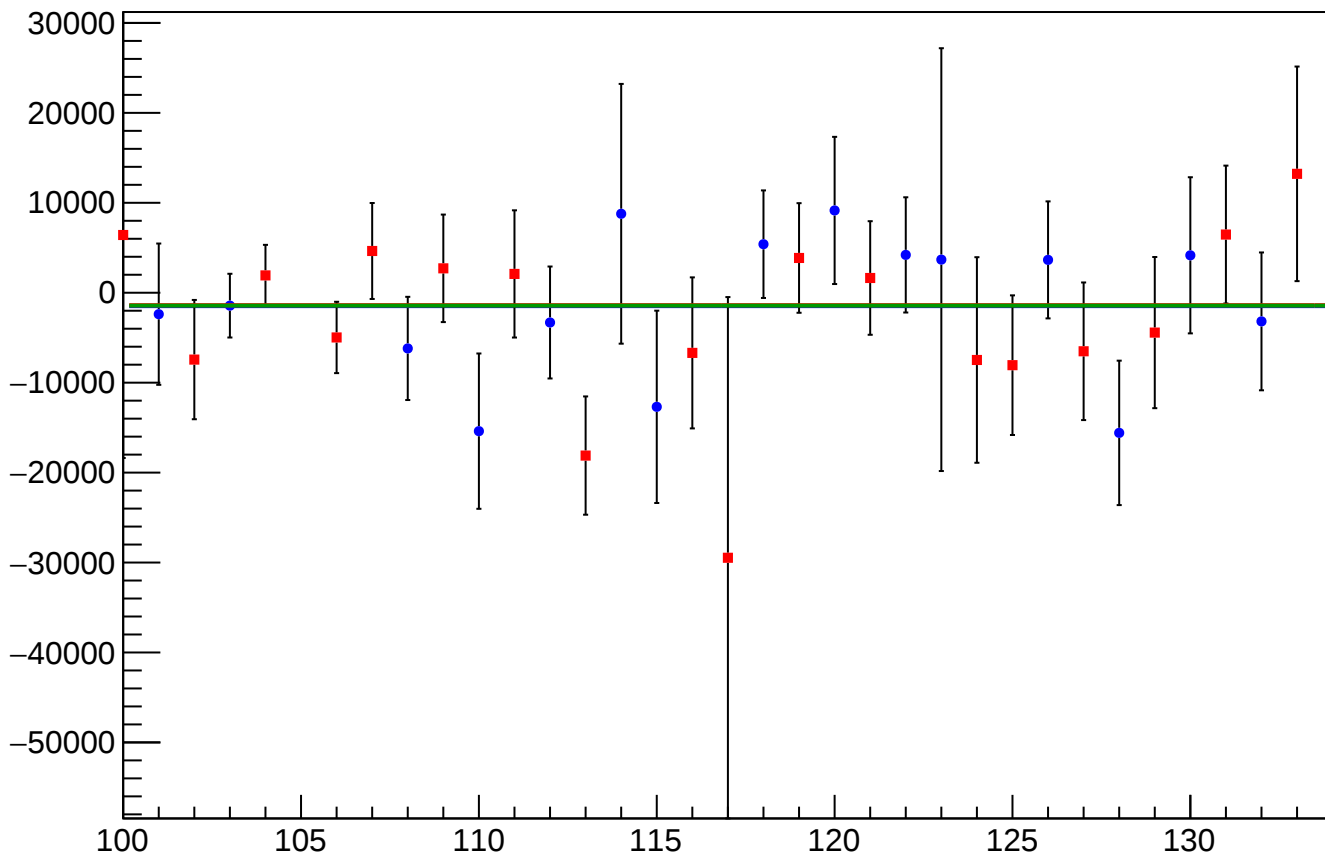
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1944.266+/-0.587 χ^2/NDF : 616411.4/15

1928.547+/-0.400 χ^2/NDF : 833051.7/33

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

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1488.707+/-1766.330 χ^2/NDF : 13.1/15

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

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

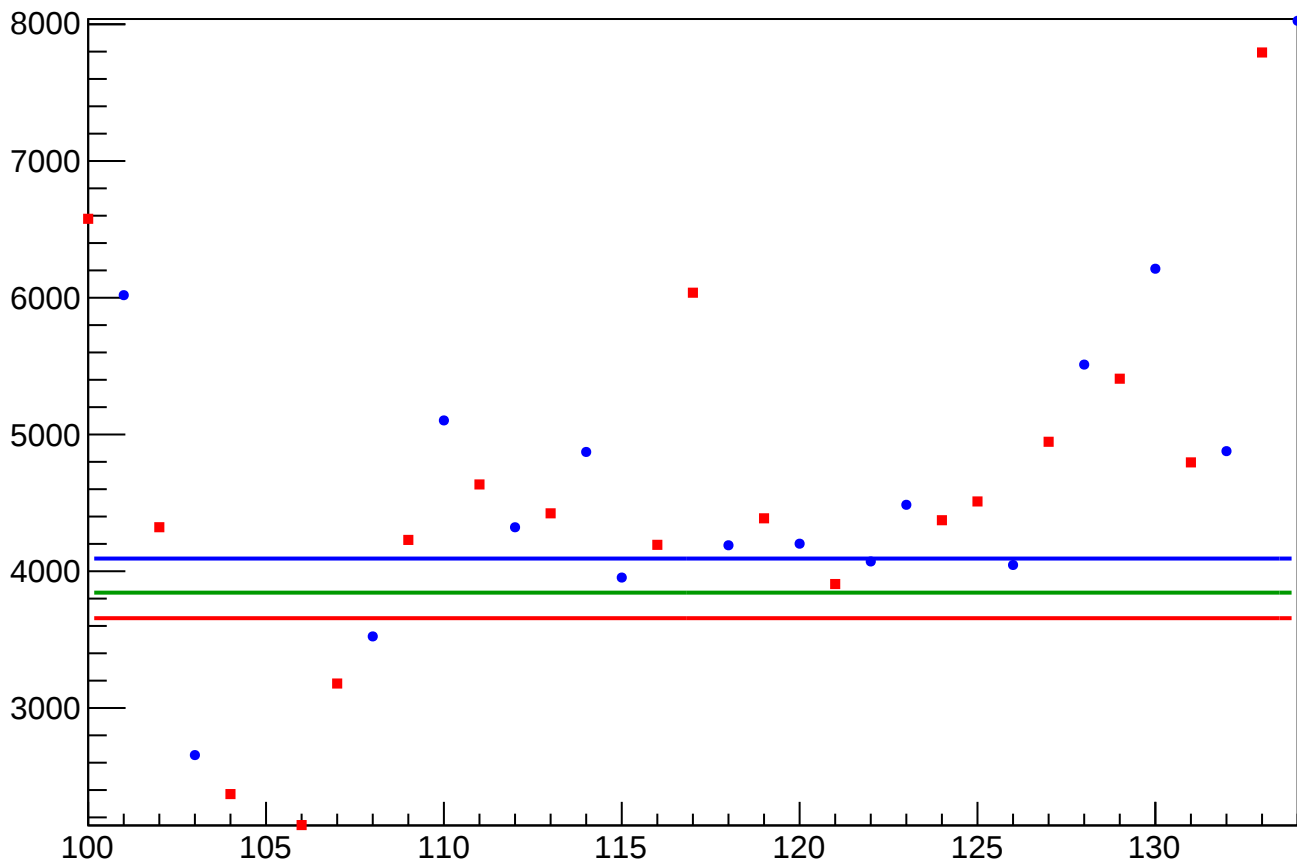
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1488.707+/-1766.330 χ^2/NDF : 13.1/15

-1428.683+/-1156.007 χ^2/NDF : 30.7/33

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

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4092.863+/-1.249 χ^2/NDF : 801546.7/15

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

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

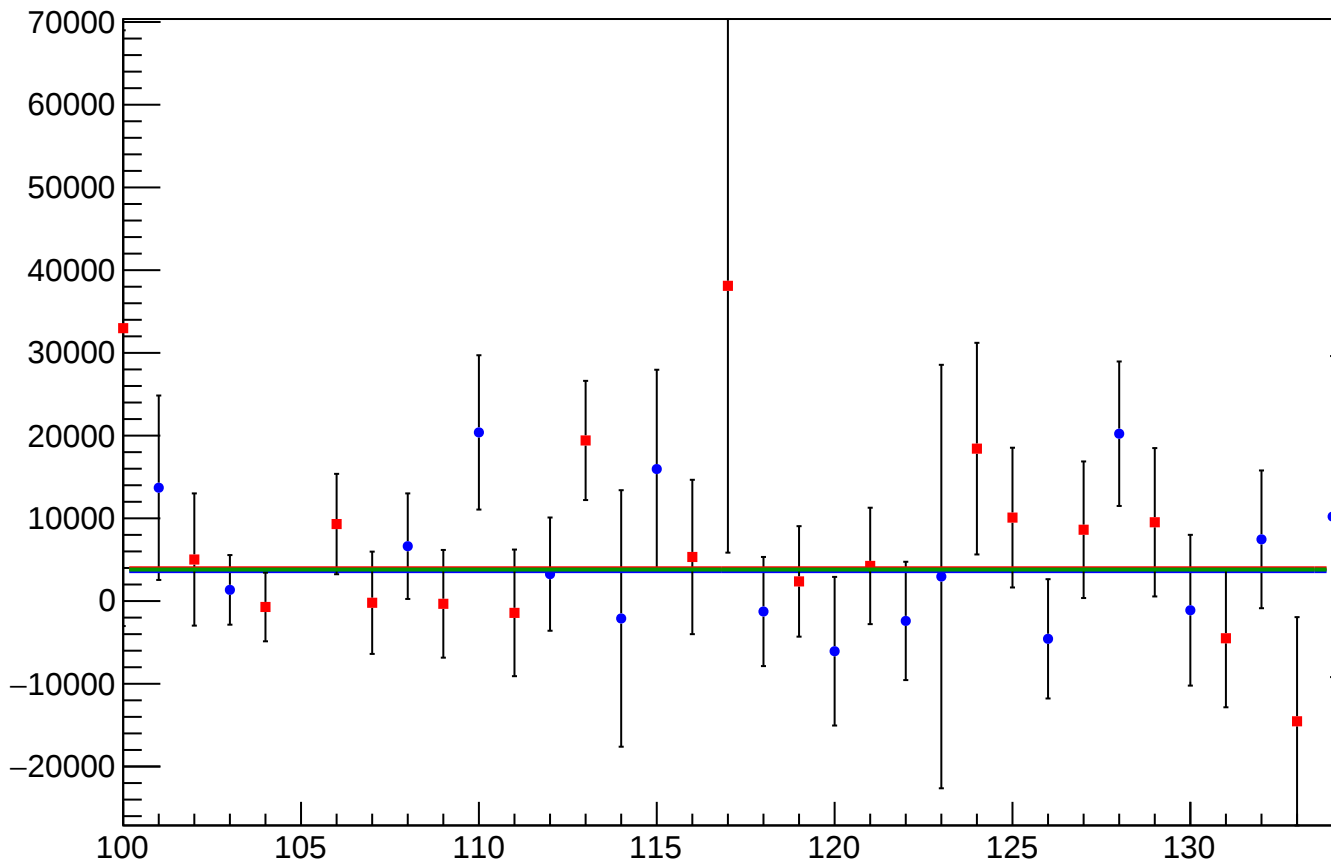
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4092.863+/-1.249 χ^2/NDF : 801546.7/15

3843.557+/-0.817 χ^2/NDF : 2110777.8/33

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

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3617.194+/-1996.323 χ^2/NDF : 13.7/15

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

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

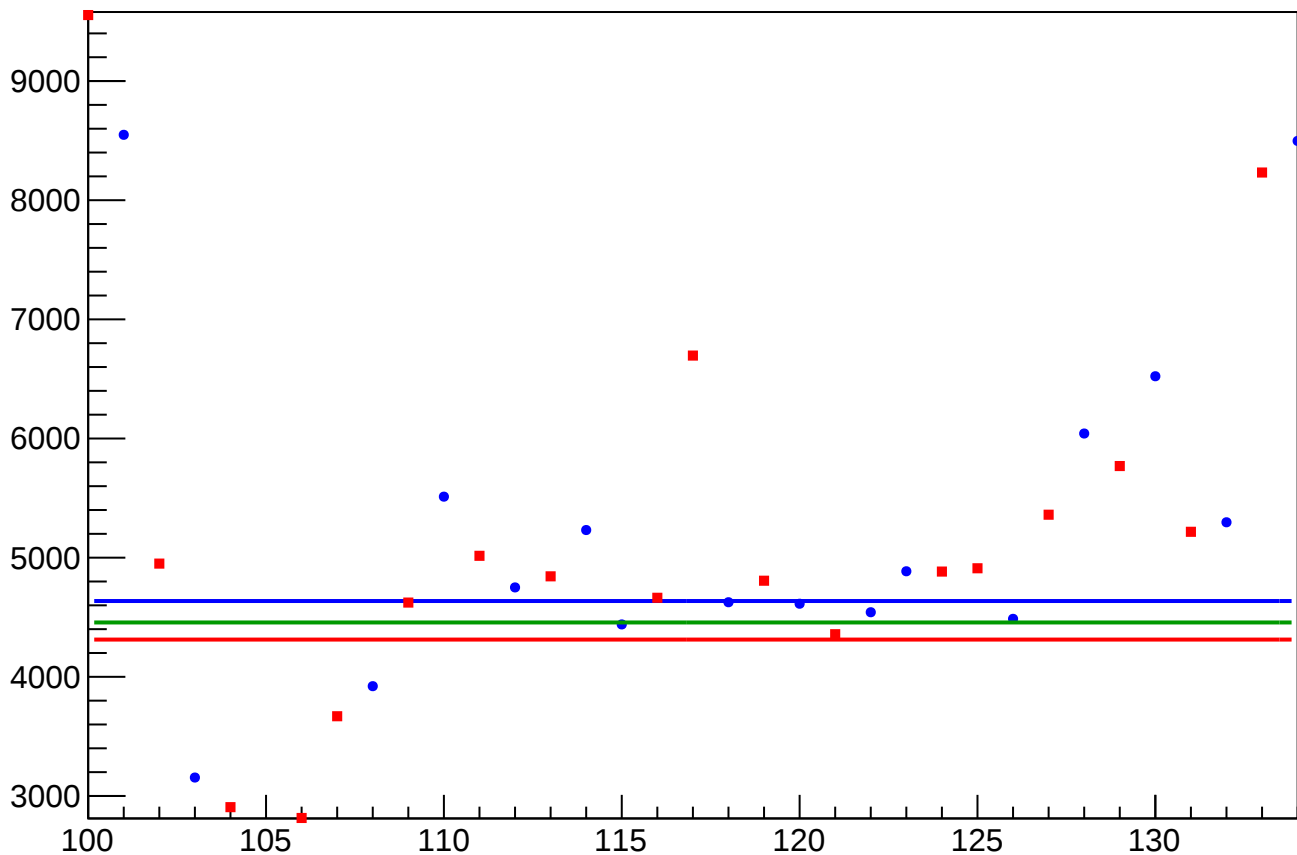
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3617.194+/-1996.323 χ^2/NDF : 13.7/15

3809.069+/-1334.411 χ^2/NDF : 29.3/33

3964.042+/-1794.115 χ^2/NDF : 15.6/17

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4636.191+/-1.412 χ^2/NDF : 771703.1/15

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

Right Out: 4312.616+/-1.261 χ^2/NDF : 818941.7/17

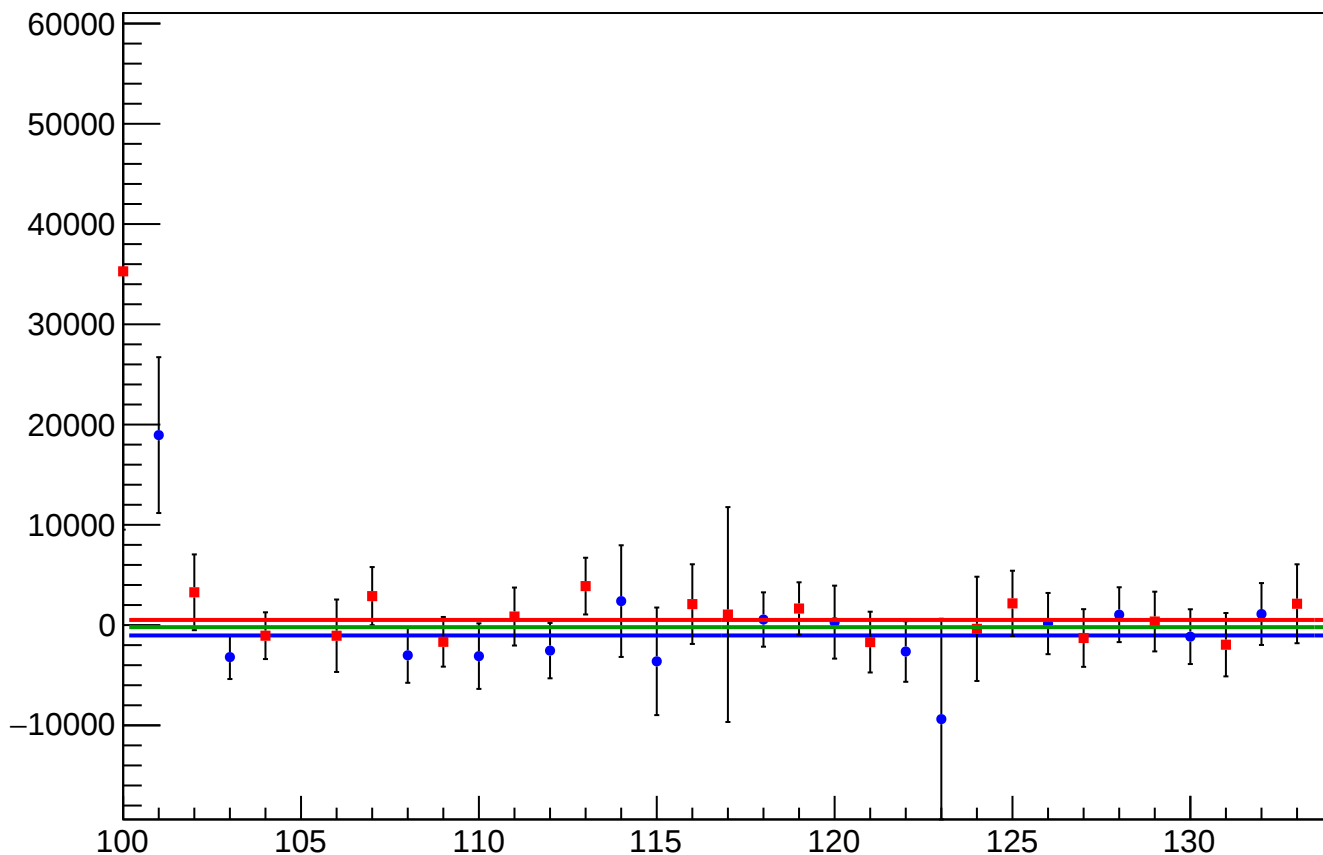
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4636.191+/-1.412 χ^2/NDF : 771703.1/15

4456.190+/-0.940 χ^2/NDF : 1619874.1/33

4312.616+/-1.261 χ^2/NDF : 818941.7/17

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1035.373+/-819.585 χ^2/NDF : 12.3/15

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

Right Out: 513.220+/-763.644 χ^2/NDF : 8.2/17

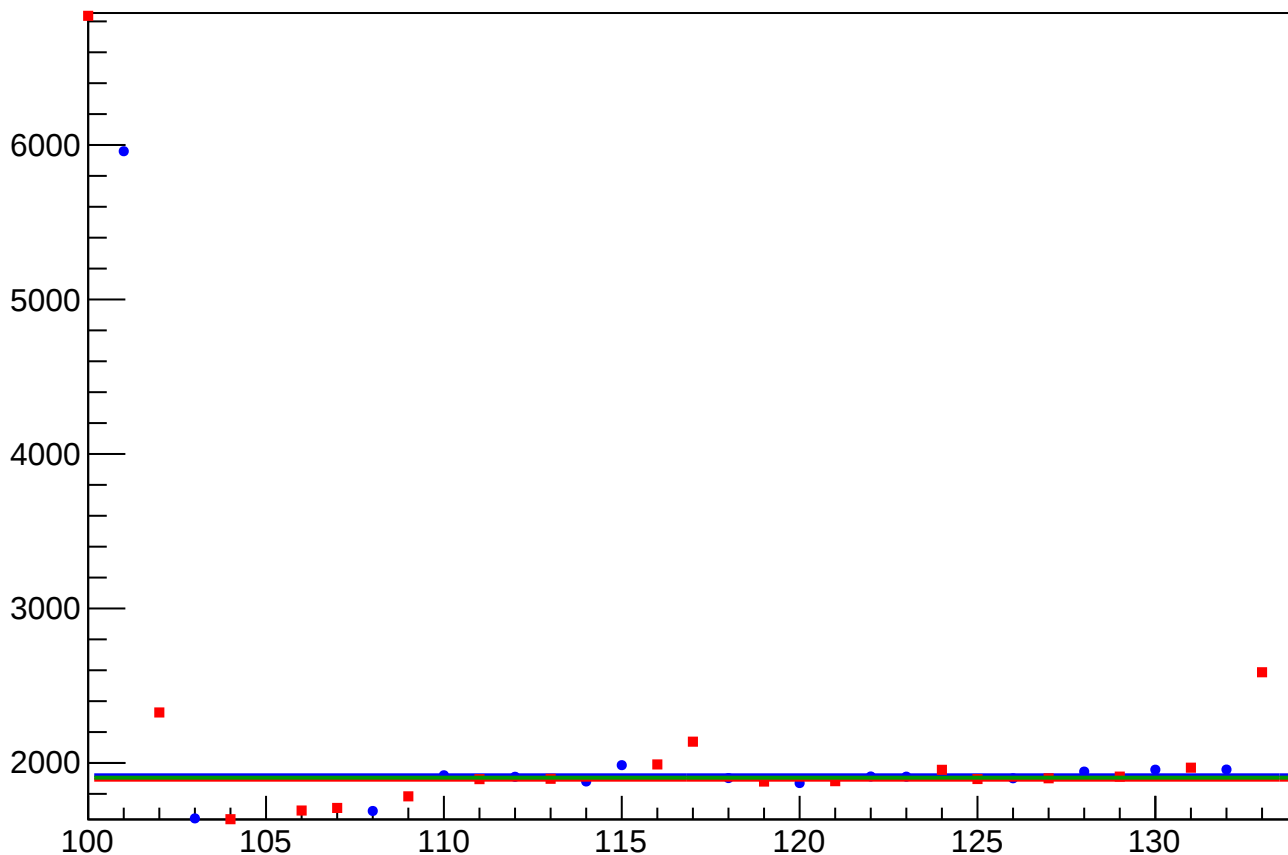
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1035.373+/-819.585 χ^2/NDF : 12.3/15

-206.428+/-558.708 χ^2/NDF : 22.4/33

513.220+/-763.644 χ^2/NDF : 8.2/17

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1920.130+/-0.580 χ^2/NDF : 615237.4/15

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

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

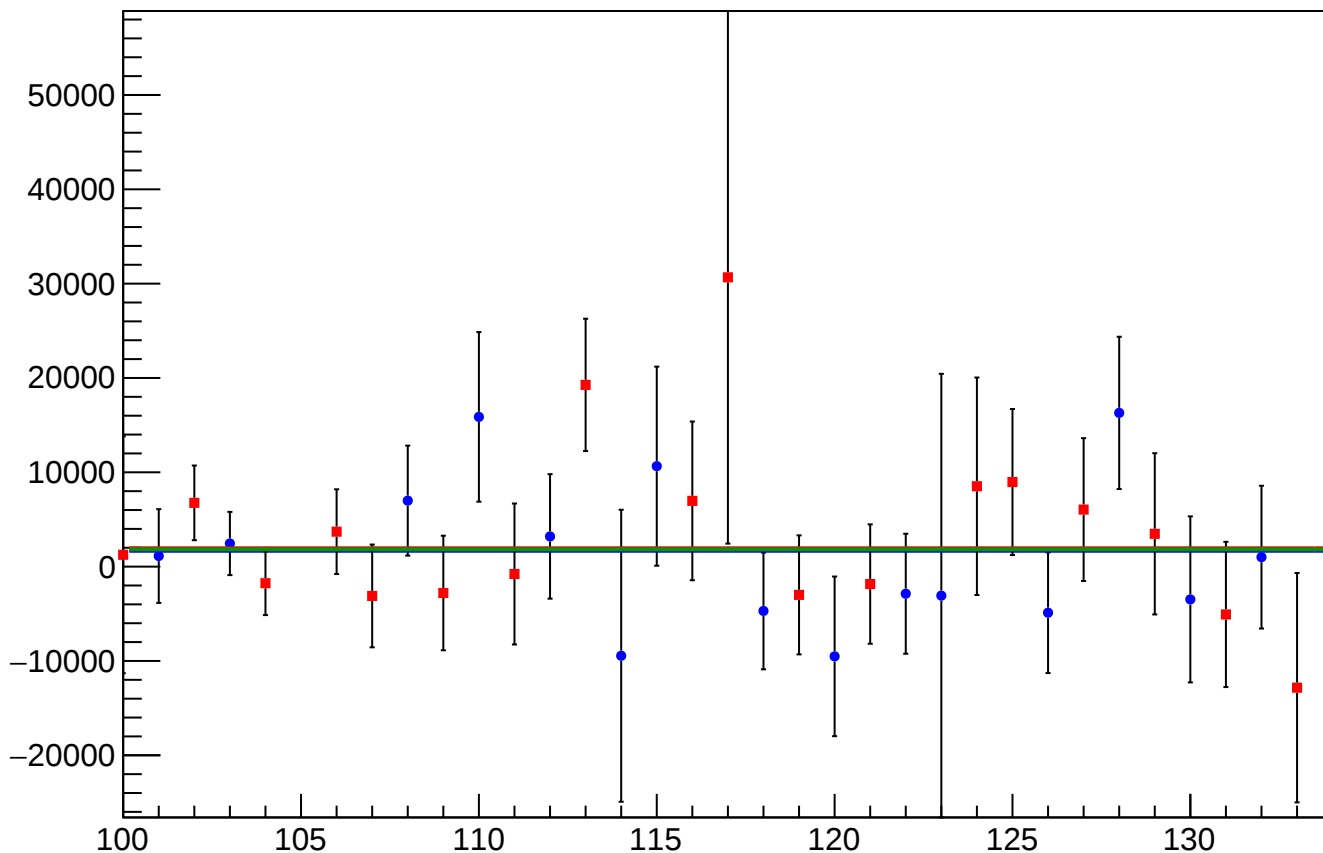
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1920.130+/-0.580 χ^2/NDF : 615237.4/15

1904.941+/-0.395 χ^2/NDF : 825673.2/33

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

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1685.578+/-1696.352 χ^2/NDF : 12.8/15

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

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

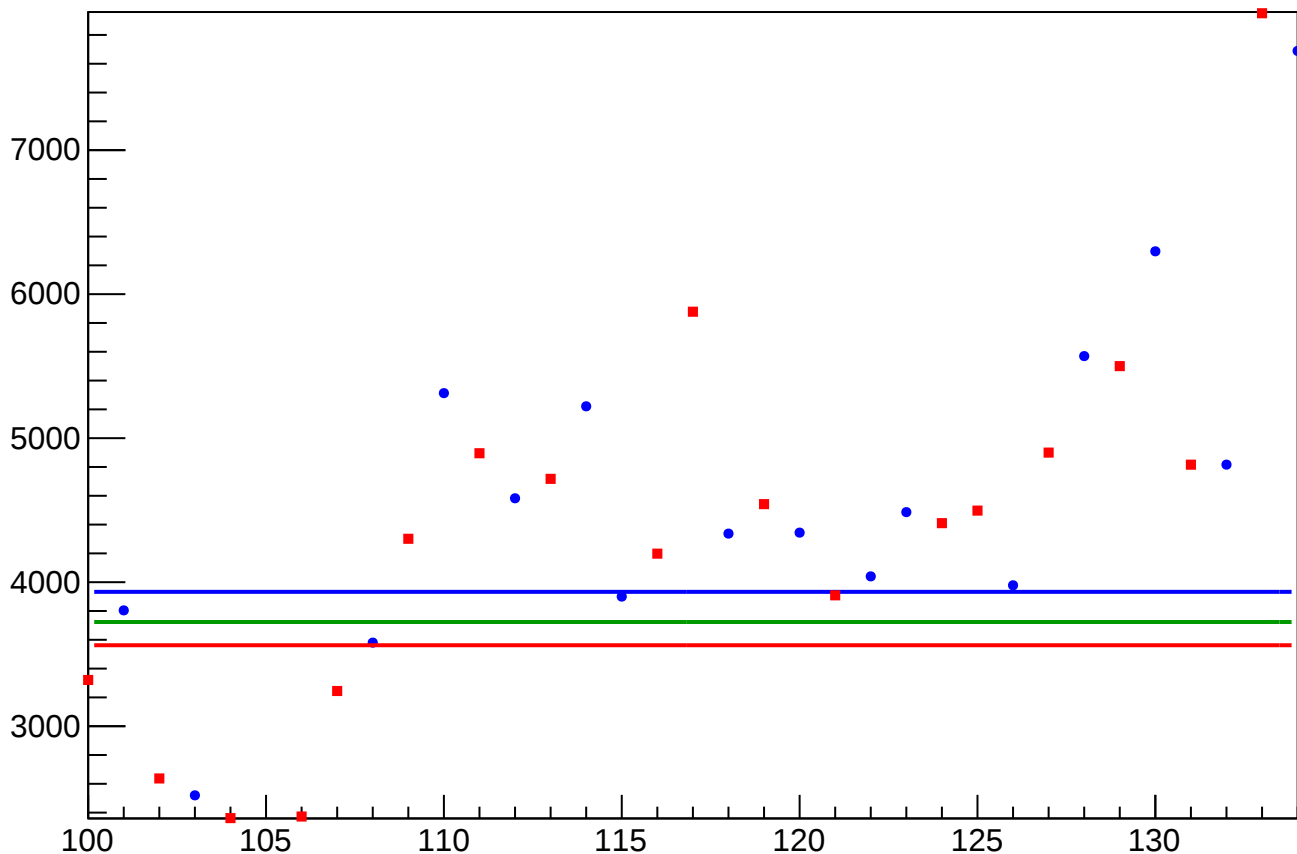
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1685.578+/-1696.352 χ^2/NDF : 12.8/15

1832.264+/-1119.256 χ^2/NDF : 29.5/33

1945.355+/-1489.483 χ^2/NDF : 16.7/17

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3932.916+/-1.200 χ^2/NDF : 805852.3/15

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

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

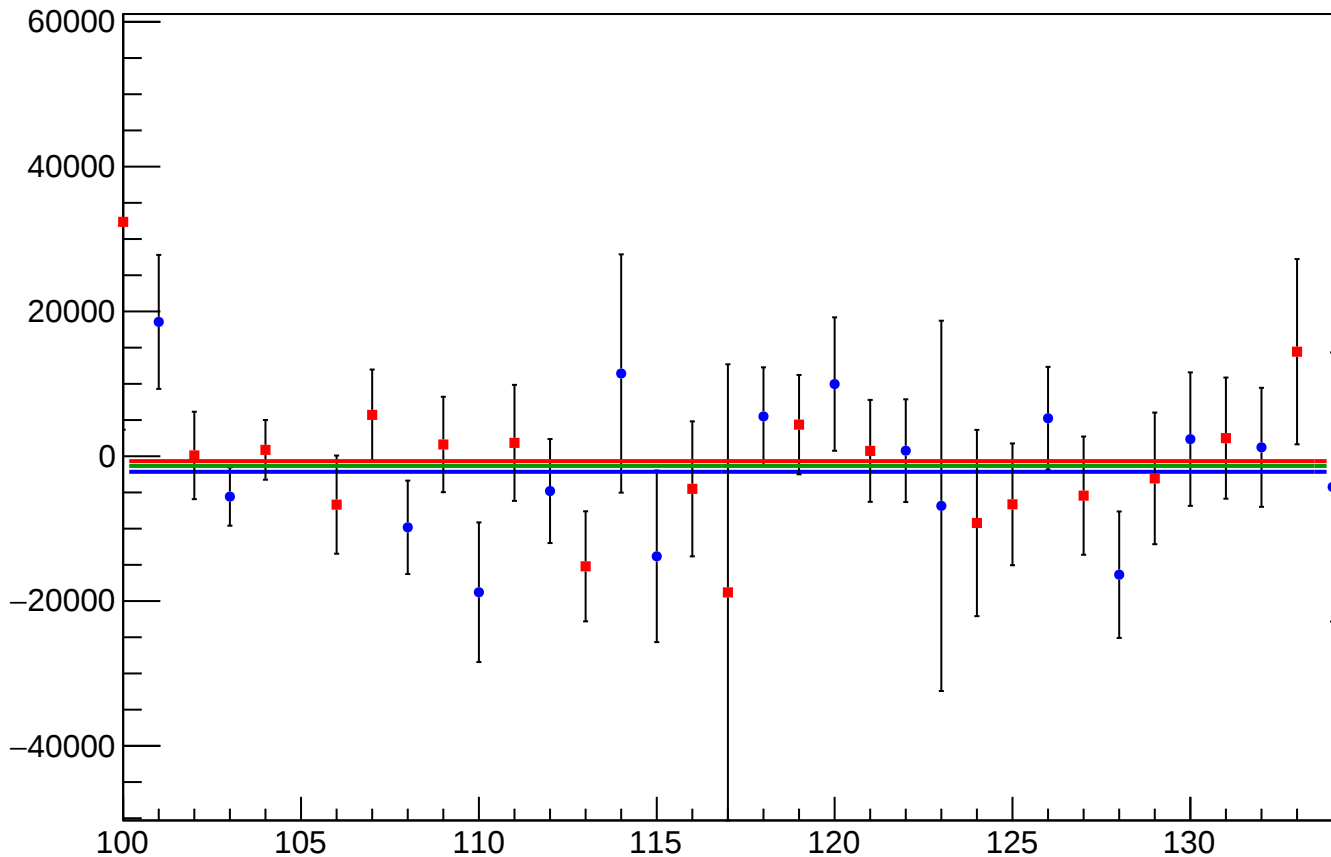
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3932.916+/-1.200 χ^2/NDF : 805852.3/15

3723.579+/-0.791 χ^2/NDF : 2114427.1/33

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

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2148.309+/-1976.708 χ^2/NDF : 19.3/15

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

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

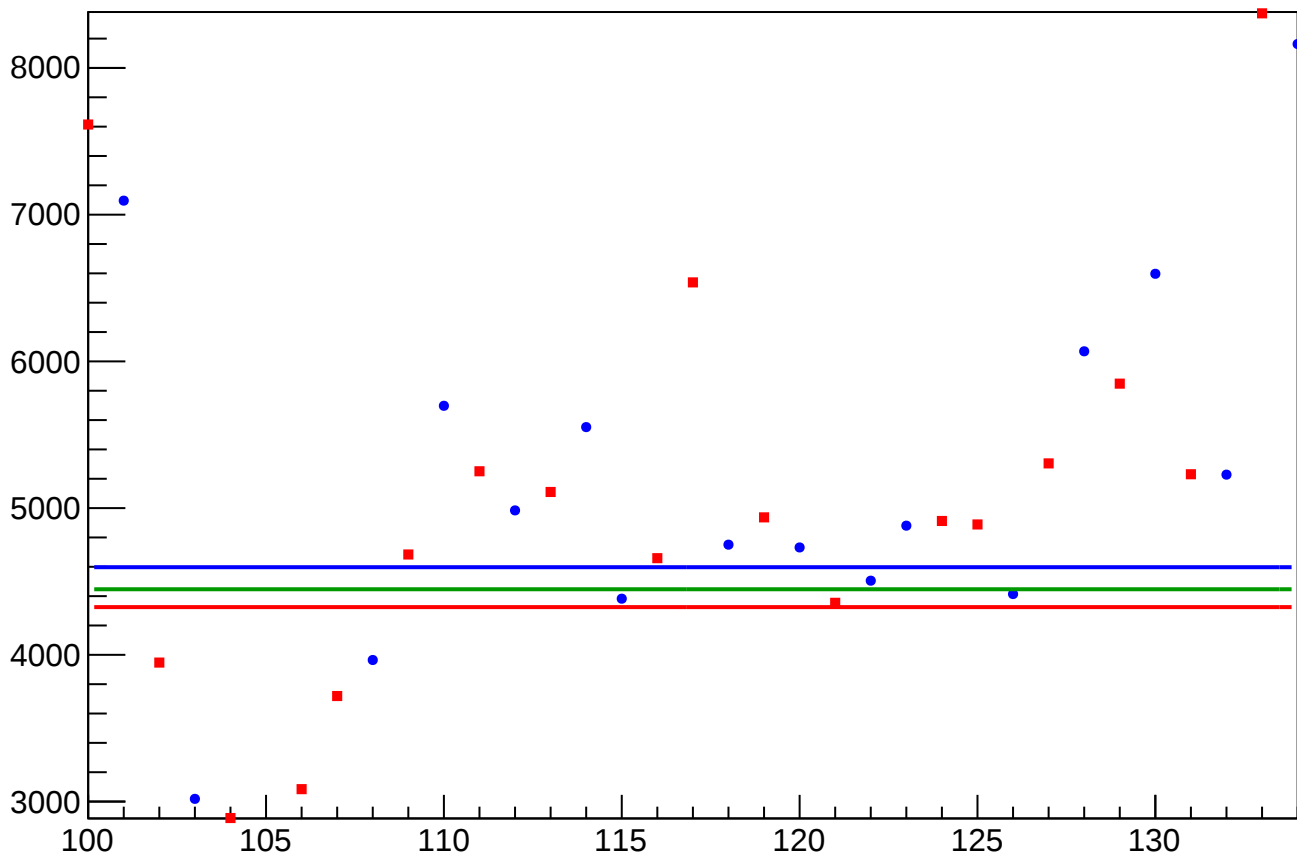
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2148.309+/-1976.708 χ^2/NDF : 19.3/15

-1337.333+/-1326.703 χ^2/NDF : 30.7/33

-672.556+/-1789.684 χ^2/NDF : 11.2/17

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4597.284+/-1.398 χ^2/NDF : 752398.2/15

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

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

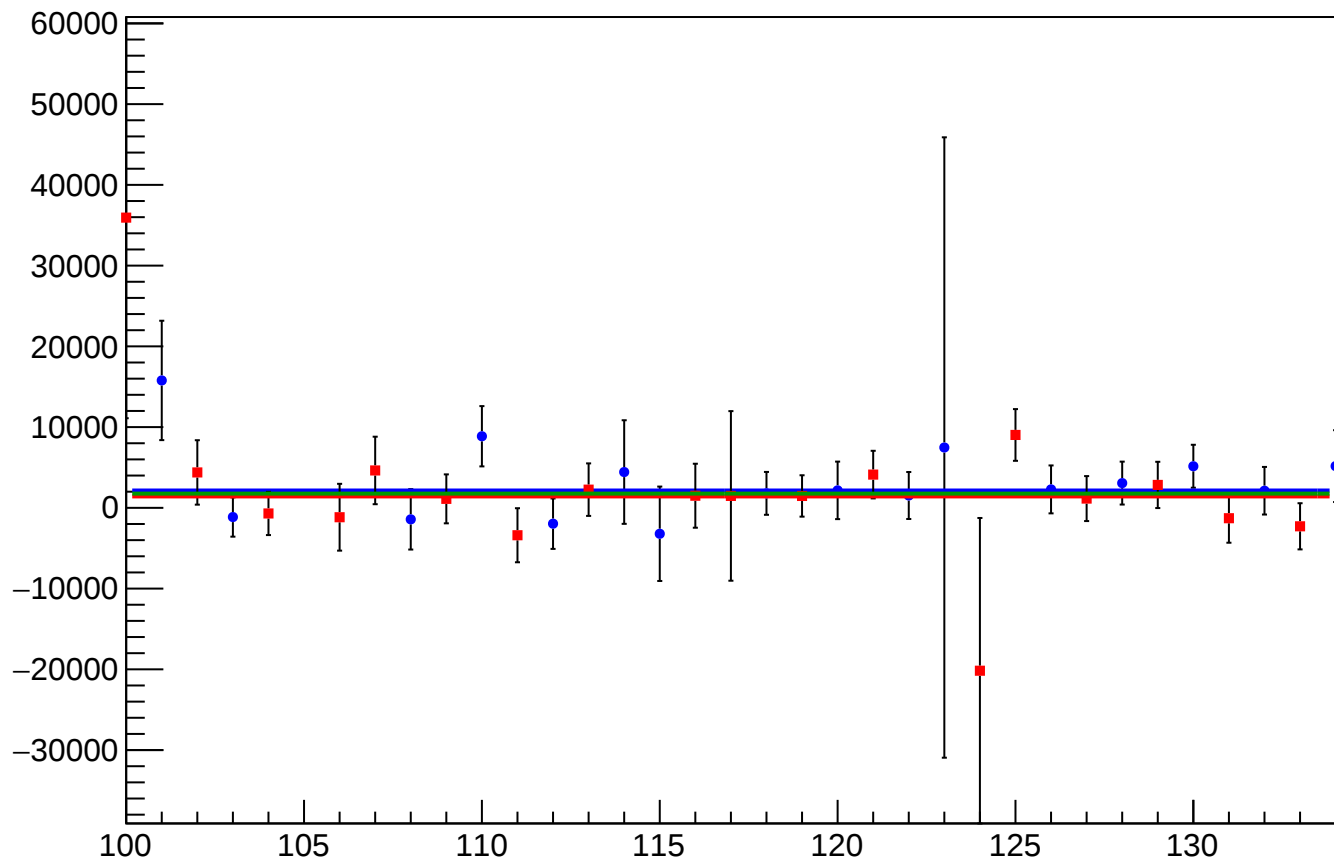
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4597.284+/-1.398 χ^2/NDF : 752398.2/15

4446.962+/-0.935 χ^2/NDF : 1552065.4/33

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

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2147.191 $\pm$ 848.616 χ^2 /NDF: 14.0/15

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

Right Out: 1414.426 $\pm$ 807.213 χ^2 /NDF: 16.7/17

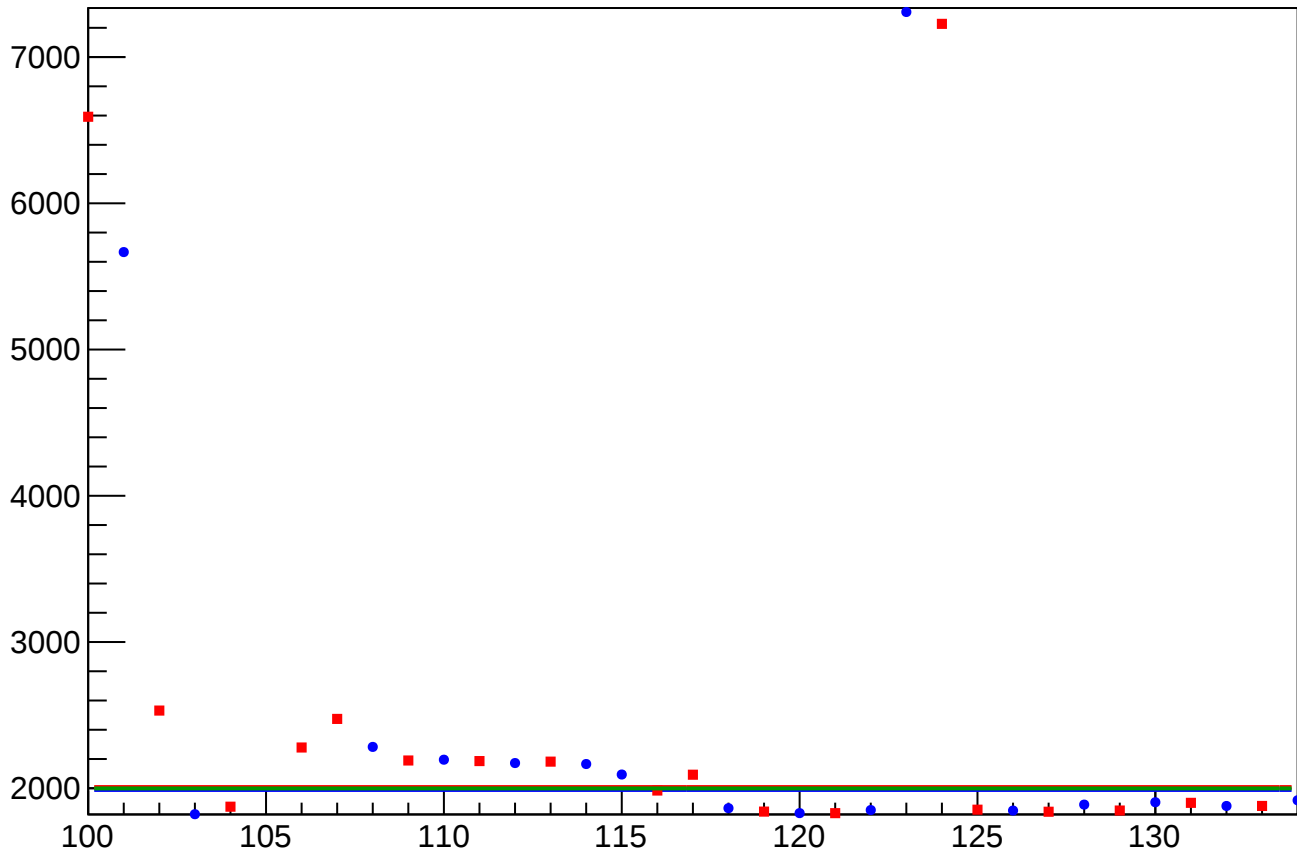
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2147.191 $\pm$ 848.616 χ^2 /NDF: 14.0/15

1762.497 $\pm$ 584.875 χ^2 /NDF: 31.2/33

1414.426 $\pm$ 807.213 χ^2 /NDF: 16.7/17

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.612+/-0.600 χ^2/NDF : 595951.2/15

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

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

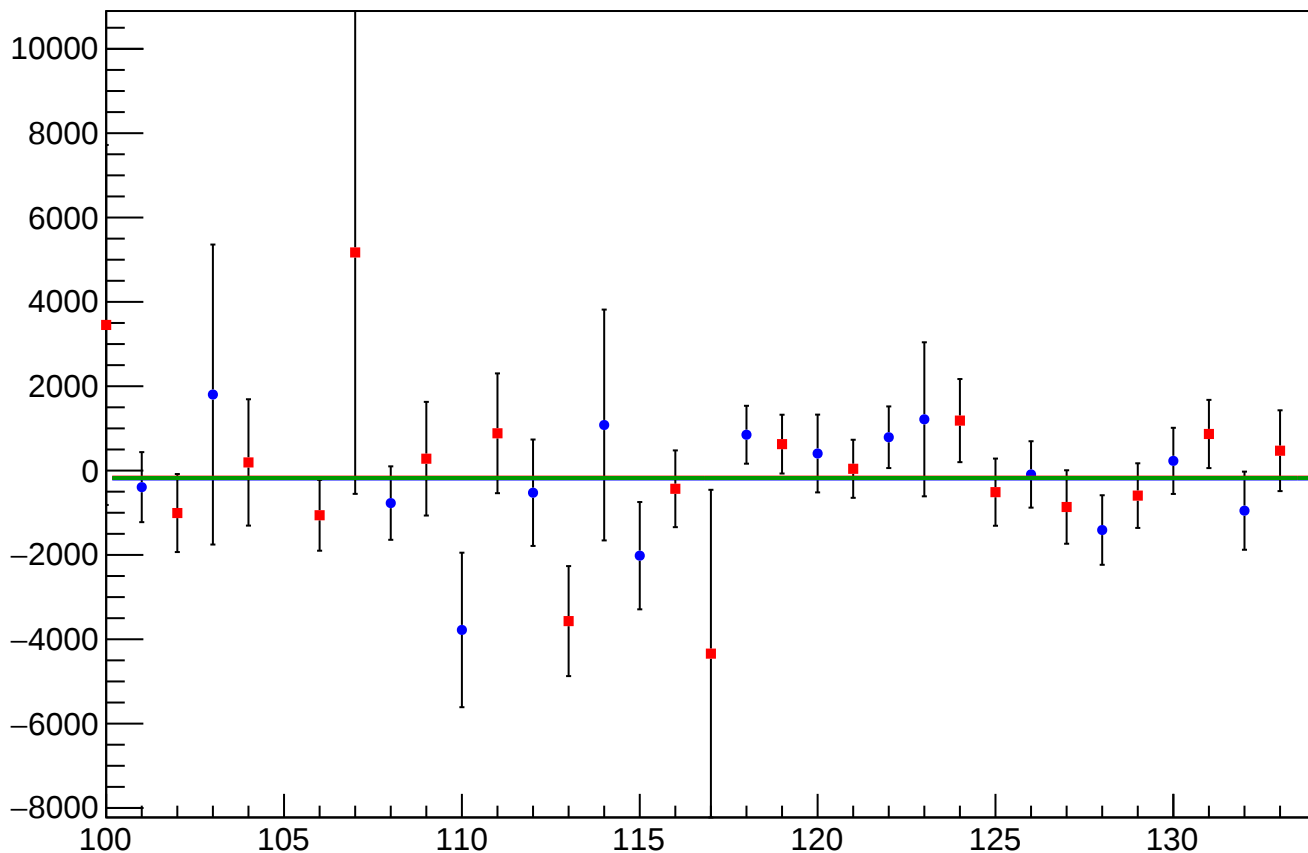
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1988.612+/-0.600 χ^2/NDF : 595951.2/15

1998.833+/-0.414 χ^2/NDF : 949171.5/33

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

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -187.447+/-247.892 χ^2/NDF : 15.3/15

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

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

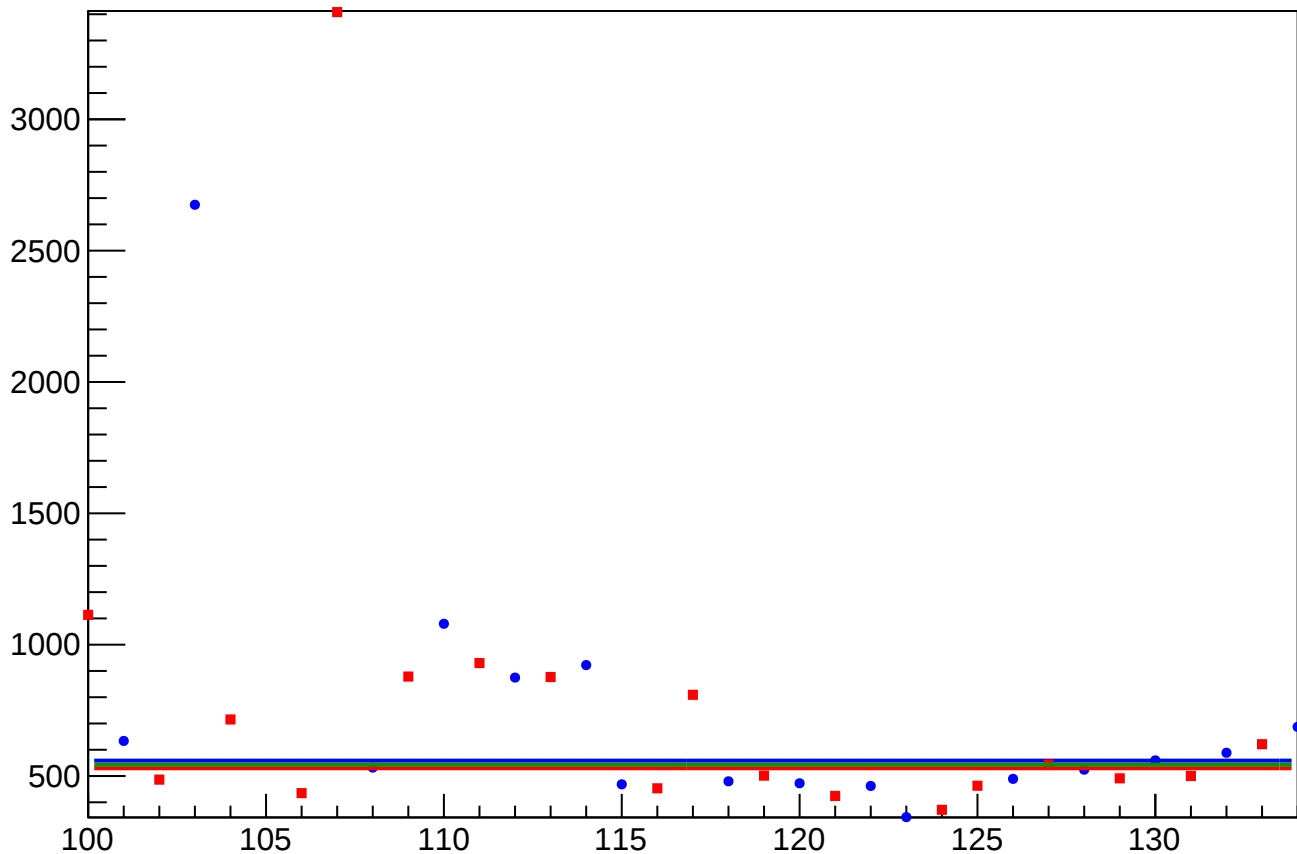
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-187.447+/-247.892 χ^2/NDF : 15.3/15

-176.286+/-169.741 χ^2/NDF : 34.1/33

-166.434+/-232.908 χ^2/NDF : 18.8/17

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 558.582+/-0.175 χ^2/NDF : 1199433.7/15

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

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

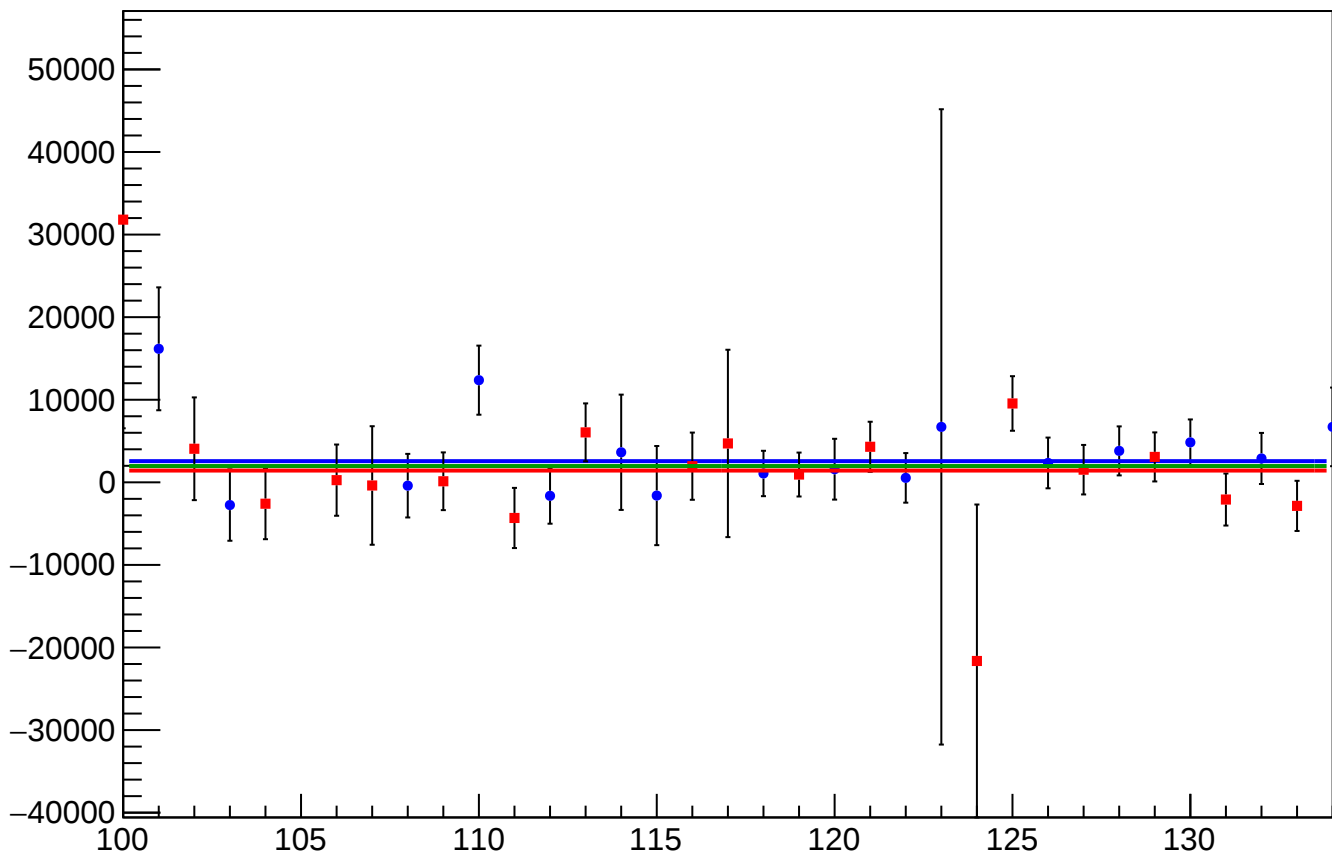
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

558.582+/-0.175 χ^2/NDF : 1199433.7/15

543.161+/-0.120 χ^2/NDF : 2419108.6/33

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

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2563.110+/-933.237 χ^2/NDF : 15.5/15

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

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

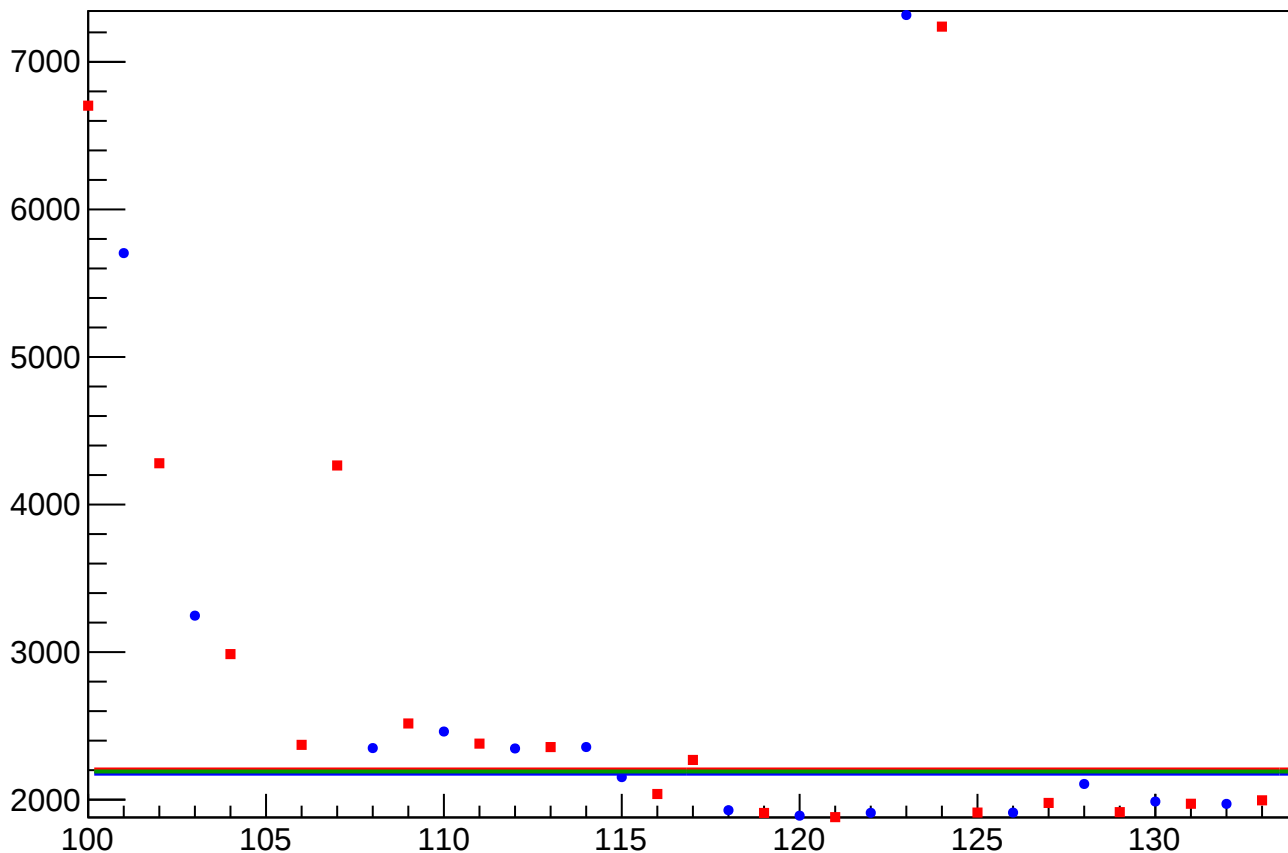
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2563.110+/-933.237 χ^2/NDF : 15.5/15

1973.047+/-647.122 χ^2/NDF : 35.3/33

1426.566+/-898.112 χ^2/NDF : 19.1/17

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2176.261+/-0.660 χ^2/NDF : 706915.3/15

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

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

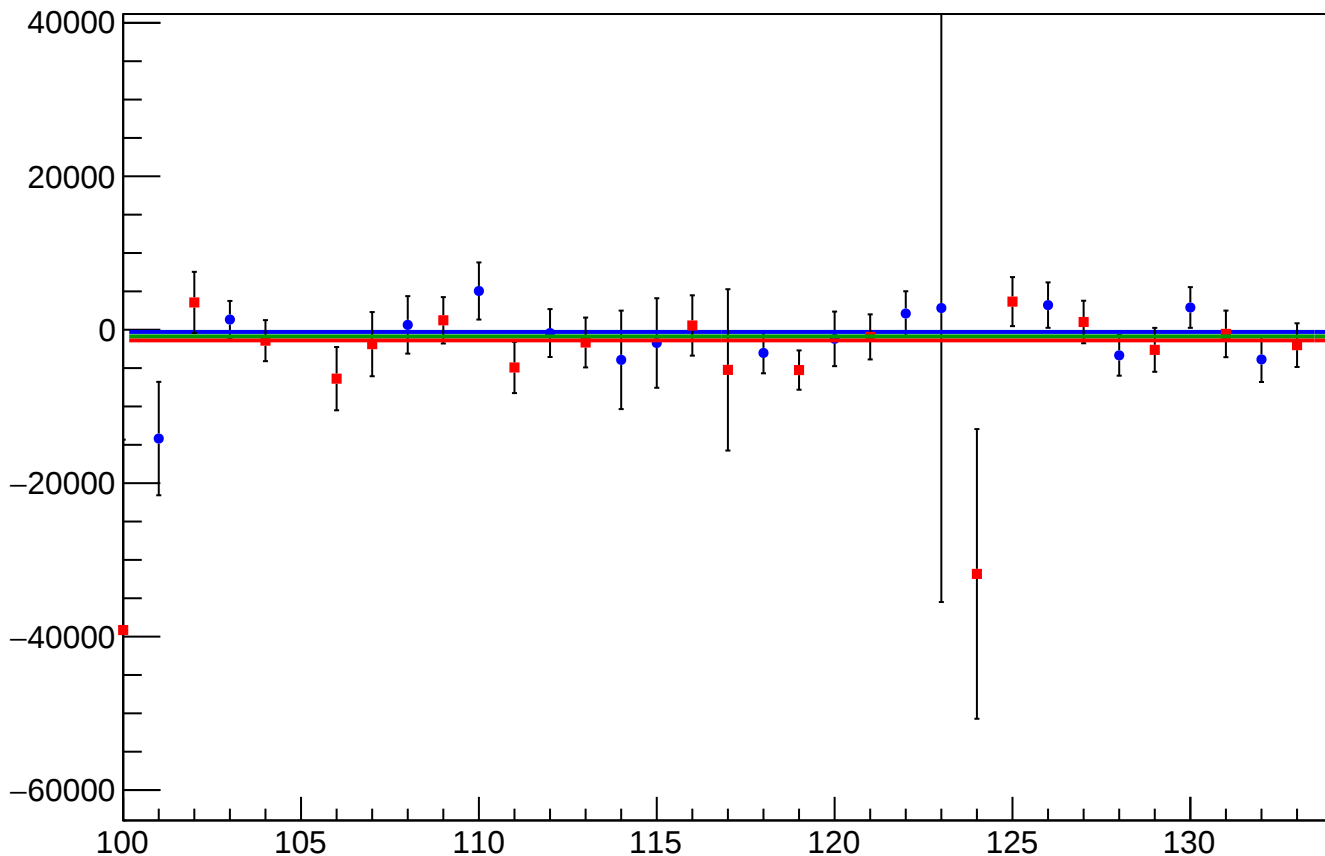
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2176.261+/-0.660 χ^2/NDF : 706915.3/15

2190.915+/-0.458 χ^2/NDF : 1510591.1/33

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

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -284.525+/-847.321 χ^2 /NDF: 14.4/15

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

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

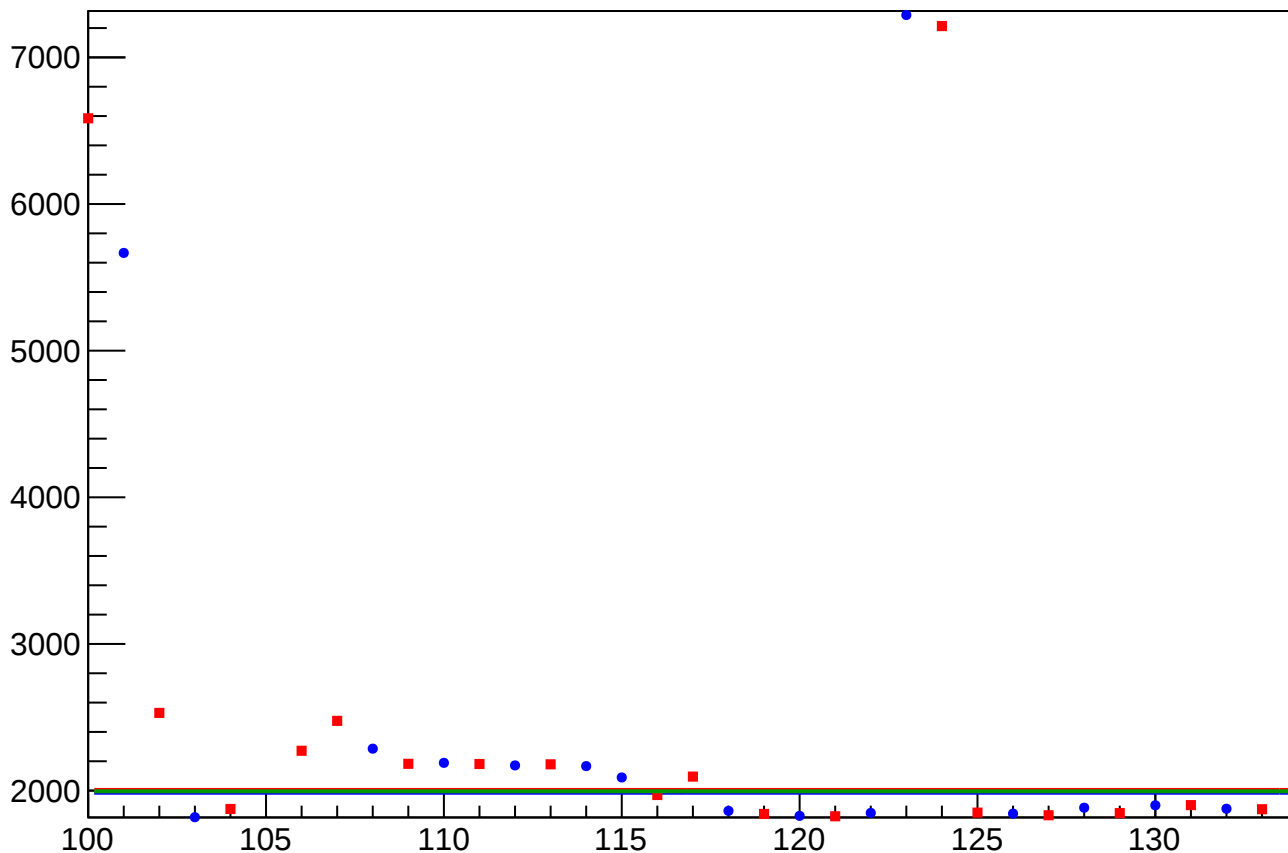
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-284.525+/-847.321 χ^2 /NDF: 14.4/15

-861.213+/-583.891 χ^2 /NDF: 31.3/33

-1382.690+/-805.741 χ^2 /NDF: 16.0/17

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1985.360+/-0.599 χ^2/NDF : 597684.8/15

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

Right Out: 2004.356+/-0.570 χ^2/NDF : 353005.6/17

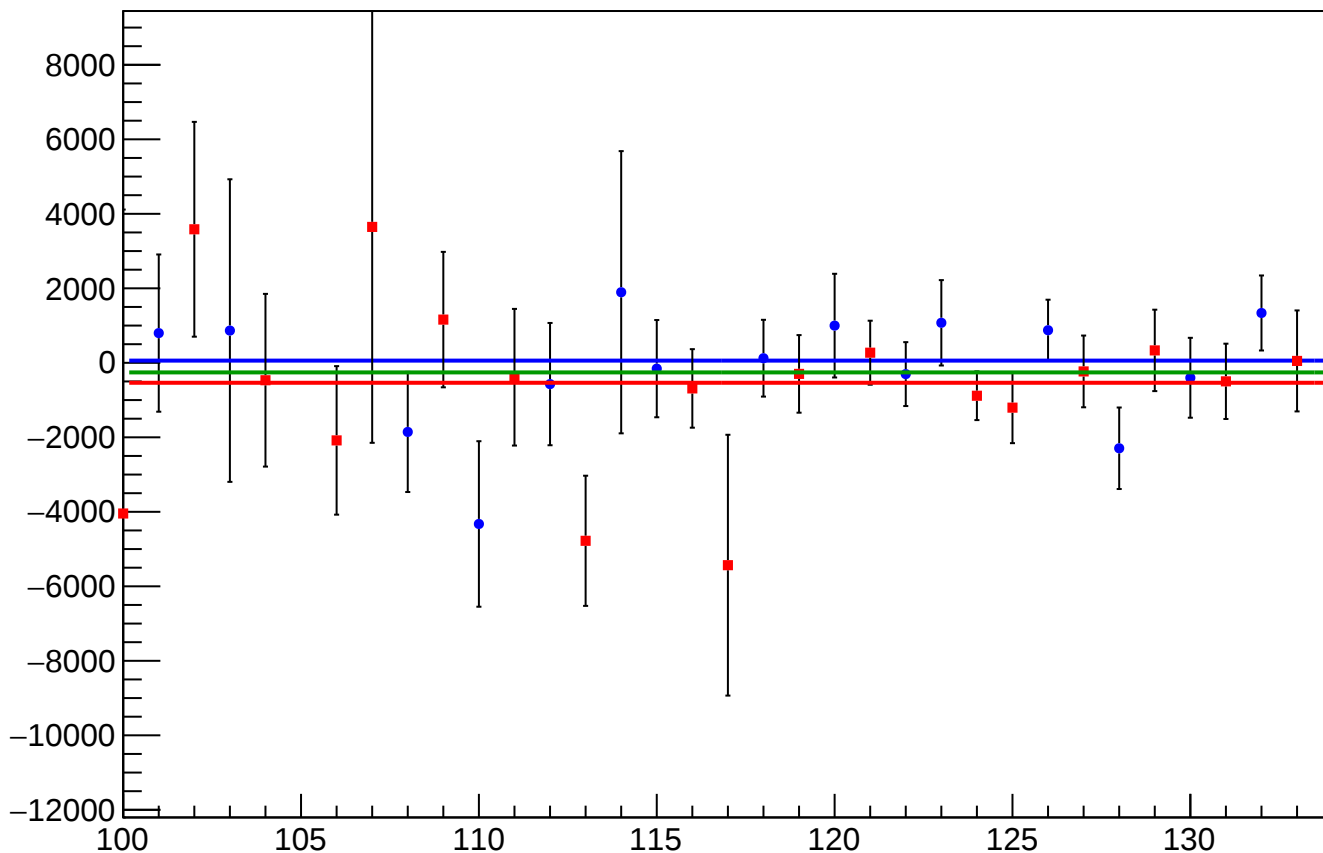
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1985.360+/-0.599 χ^2/NDF : 597684.8/15

1995.336+/-0.413 χ^2/NDF : 951218.2/33

2004.356+/-0.570 χ^2/NDF : 353005.6/17

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 59.312+/-312.315 χ^2/NDF : 15.6/15

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

Right Out: -535.568+/-292.754 χ^2/NDF : 14.7/17

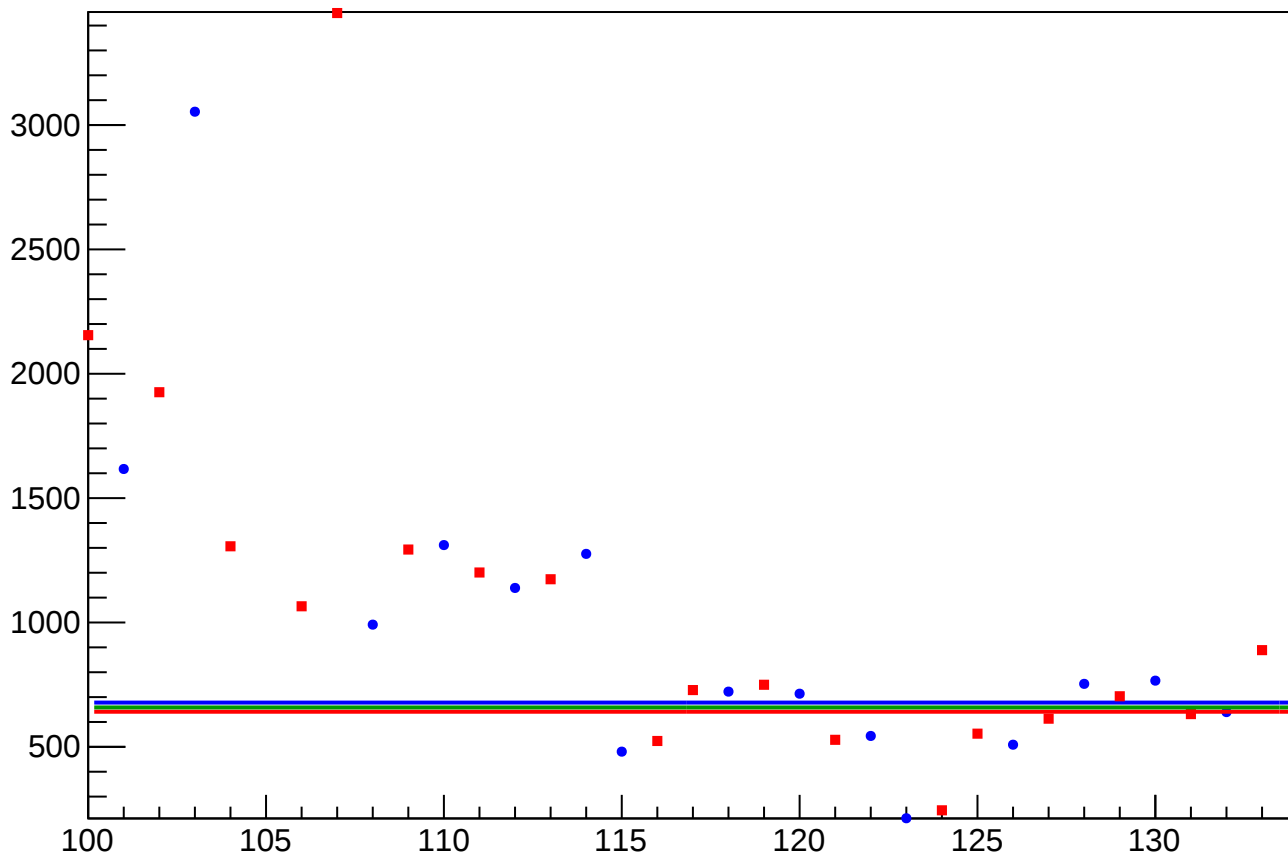
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.312+/-312.315 χ^2/NDF : 15.6/15

-257.340+/-213.589 χ^2/NDF : 32.2/33

-535.568+/-292.754 χ^2/NDF : 14.7/17

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 678.006+/-0.221 χ^2/NDF : 2084114.1/15

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

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

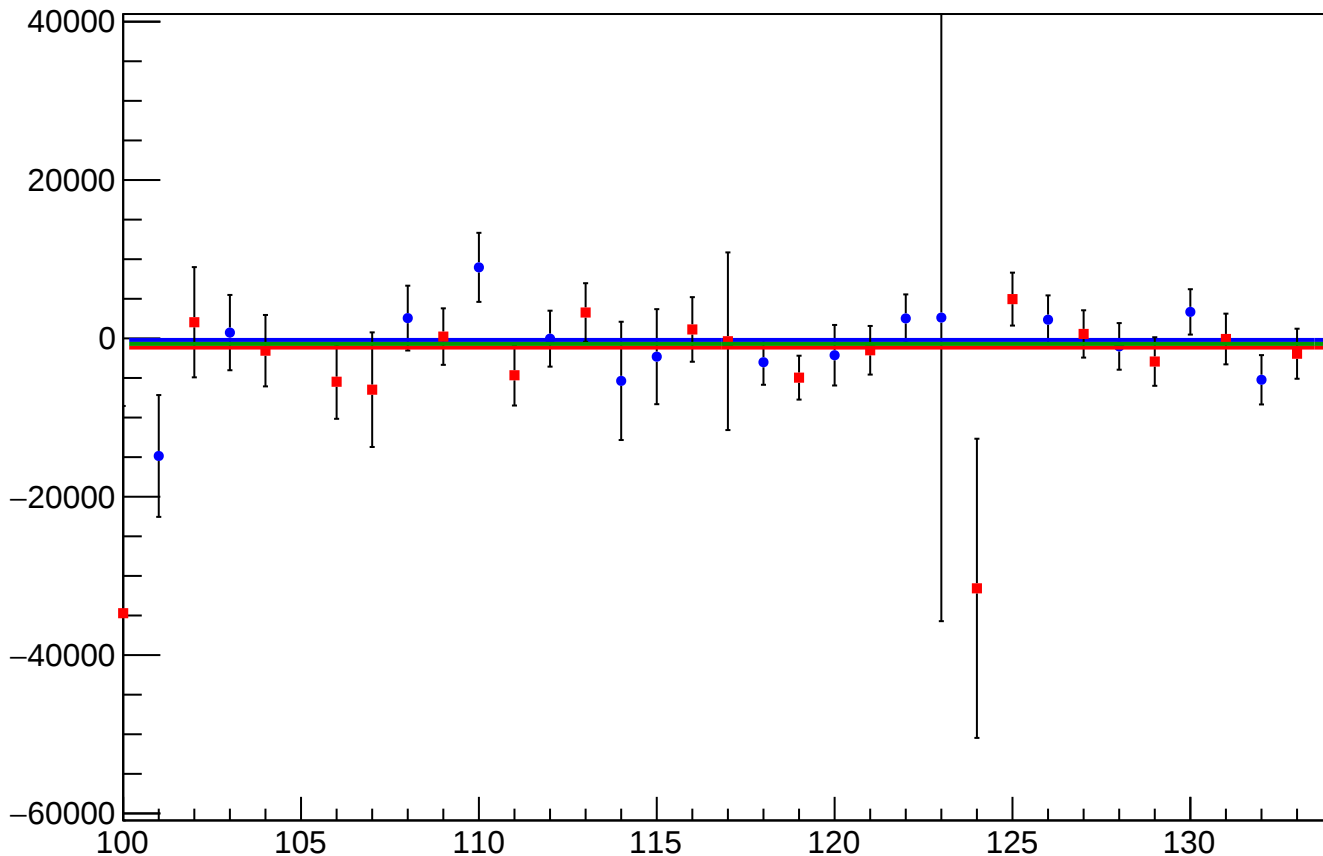
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

678.006+/-0.221 χ^2/NDF : 2084114.1/15

658.433+/-0.151 χ^2/NDF : 4828754.8/33

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

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -196.585+/-957.363 χ^2/NDF : 17.1/15

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

Right Out: -1159.634+/-925.150 χ^2/NDF : 14.7/17

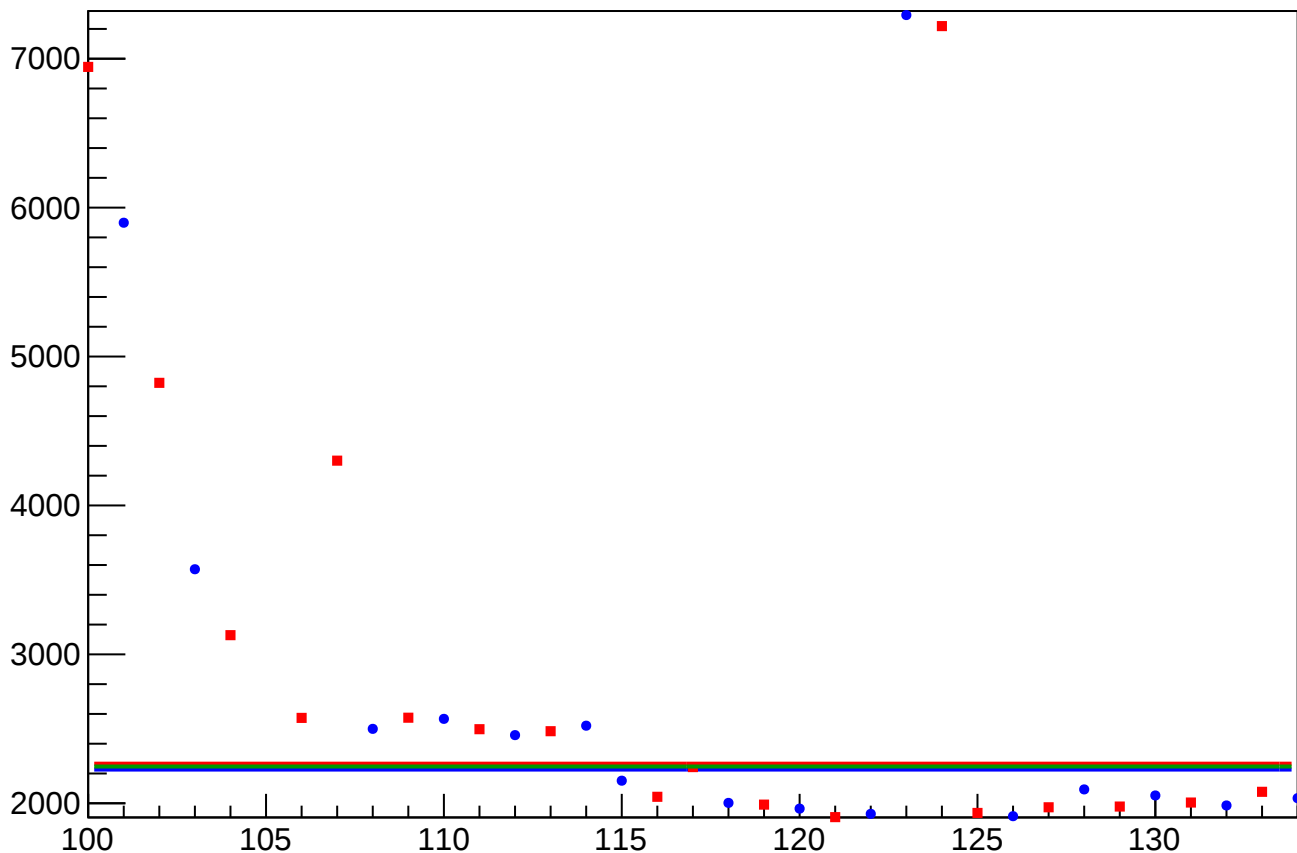
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-196.585+/-957.363 χ^2/NDF : 17.1/15

-694.584+/-665.277 χ^2/NDF : 32.3/33

-1159.634+/-925.150 χ^2/NDF : 14.7/17

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2226.337+/-0.677 χ^2/NDF : 772249.6/15

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

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

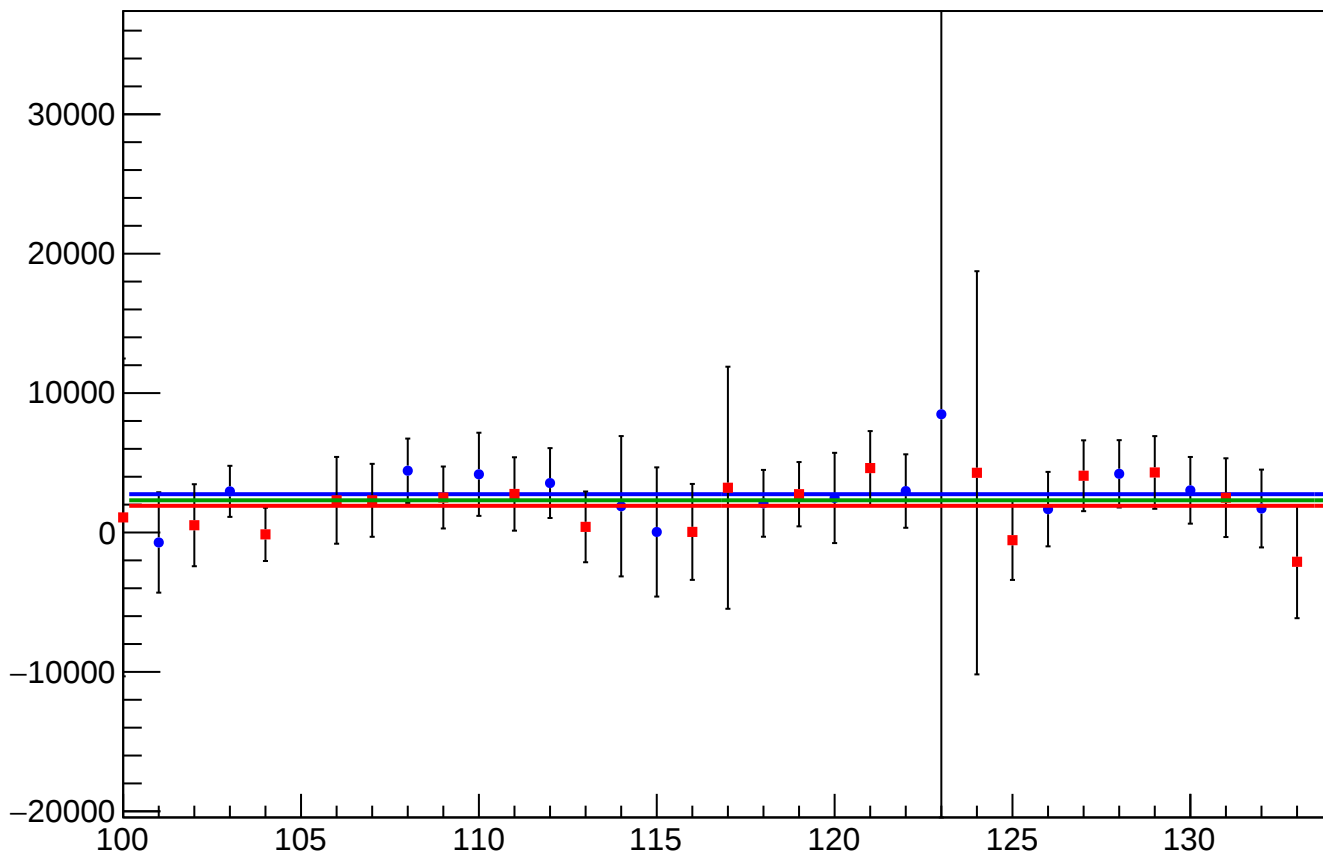
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2226.337+/-0.677 χ^2/NDF : 772249.6/15

2246.828+/-0.470 χ^2/NDF : 1644408.1/33

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

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2747.922 +/- 710.972 χ^2/NDF : 3.8/15

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

Right Out: 1915.149 +/- 675.351 χ^2/NDF : 6.8/17

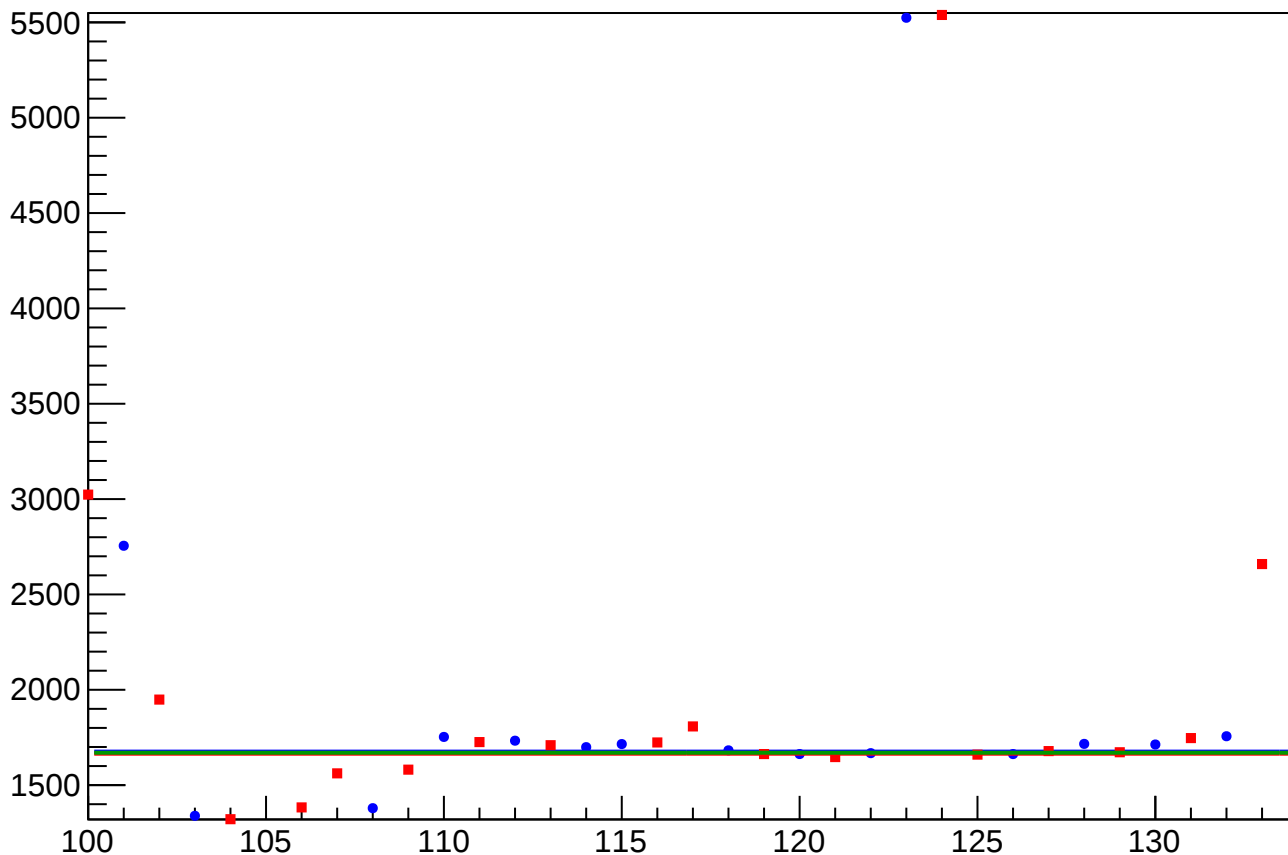
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

2747.922 +/- 710.972 χ^2/NDF : 3.8/15

2310.152 +/- 489.654 χ^2/NDF : 11.4/33

1915.149 +/- 675.351 χ^2/NDF : 6.8/17

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1675.718 $\pm$ 0.503 χ^2 /NDF: 373544.3/15

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

Right Out: 1664.814 $\pm$ 0.478 χ^2 /NDF: 402947.0/17

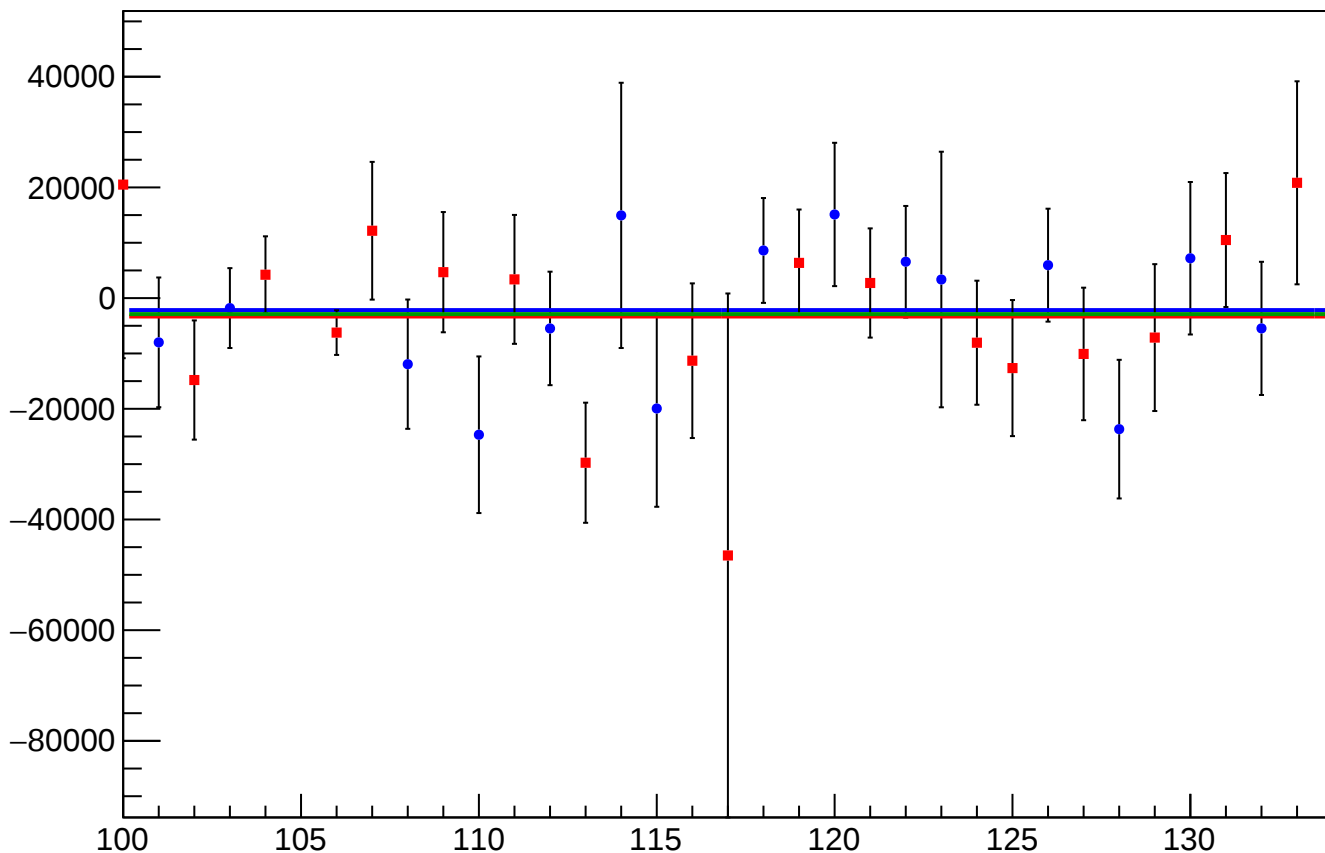
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1675.718 $\pm$ 0.503 χ^2 /NDF: 373544.3/15

1669.986 $\pm$ 0.346 χ^2 /NDF: 776738.6/33

1664.814 $\pm$ 0.478 χ^2 /NDF: 402947.0/17

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2166.390+/-2995.618 χ^2/NDF : 13.2/15

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

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

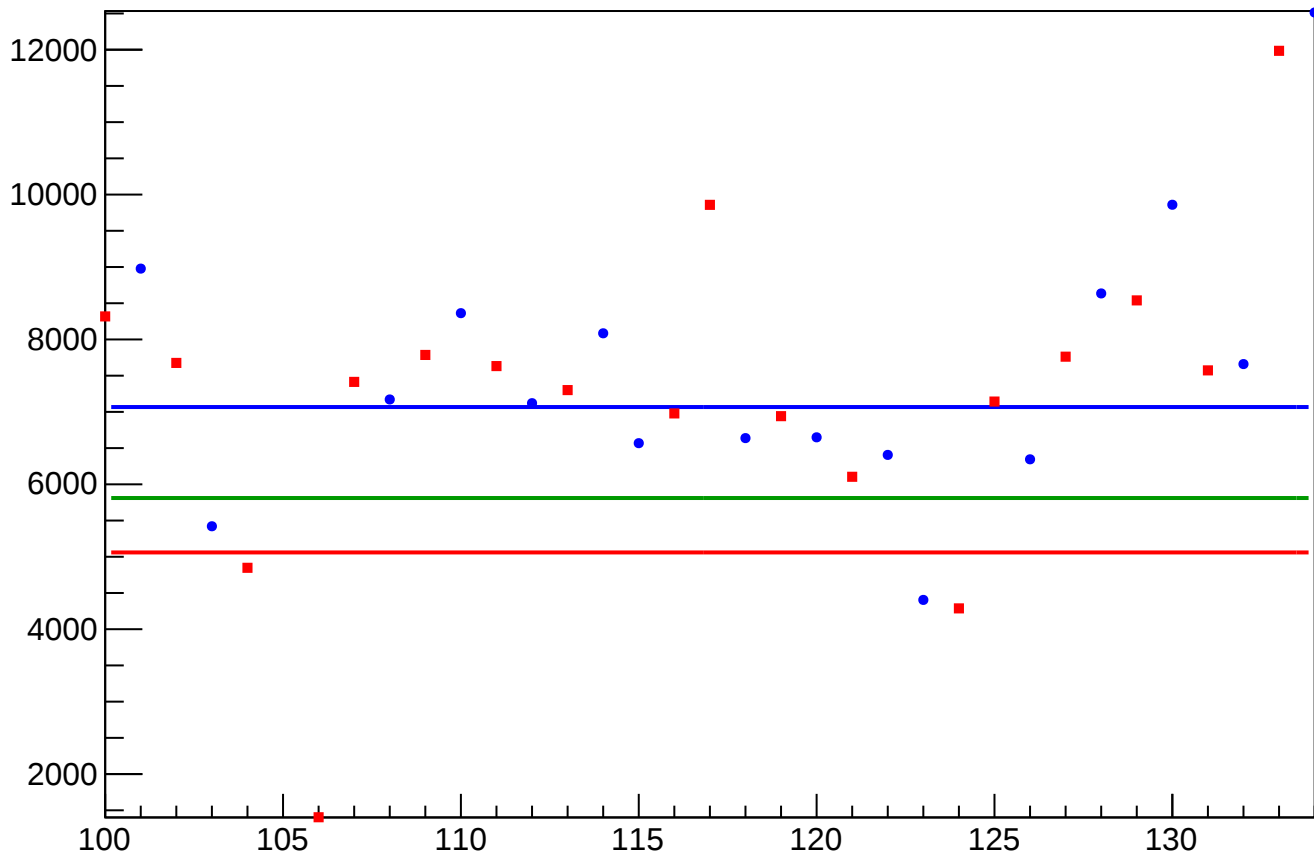
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2166.390+/-2995.618 χ^2/NDF : 13.2/15

-2889.323+/-1832.696 χ^2/NDF : 31.8/33

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

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7067.058 $\pm$ 2.118 χ^2 /NDF: 421619.4/15

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

Right Out: 5059.720 $\pm$ 1.638 χ^2 /NDF: 2999375.6/17

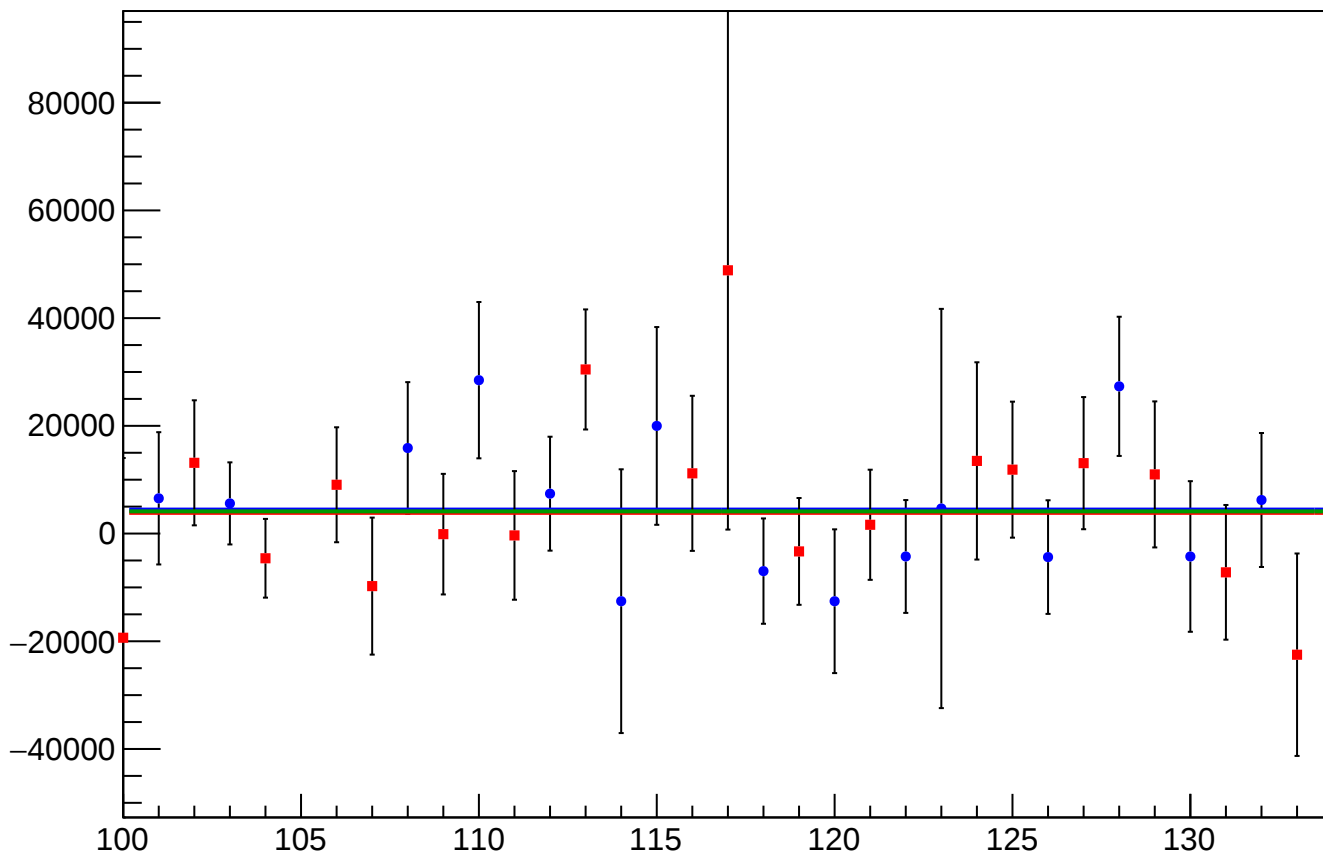
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7067.058 $\pm$ 2.118 χ^2 /NDF: 421619.4/15

5811.046 $\pm$ 1.296 χ^2 /NDF: 3982910.2/33

5059.720 $\pm$ 1.638 χ^2 /NDF: 2999375.6/17

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4449.511+/-3123.803 χ^2/NDF : 12.9/15

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

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

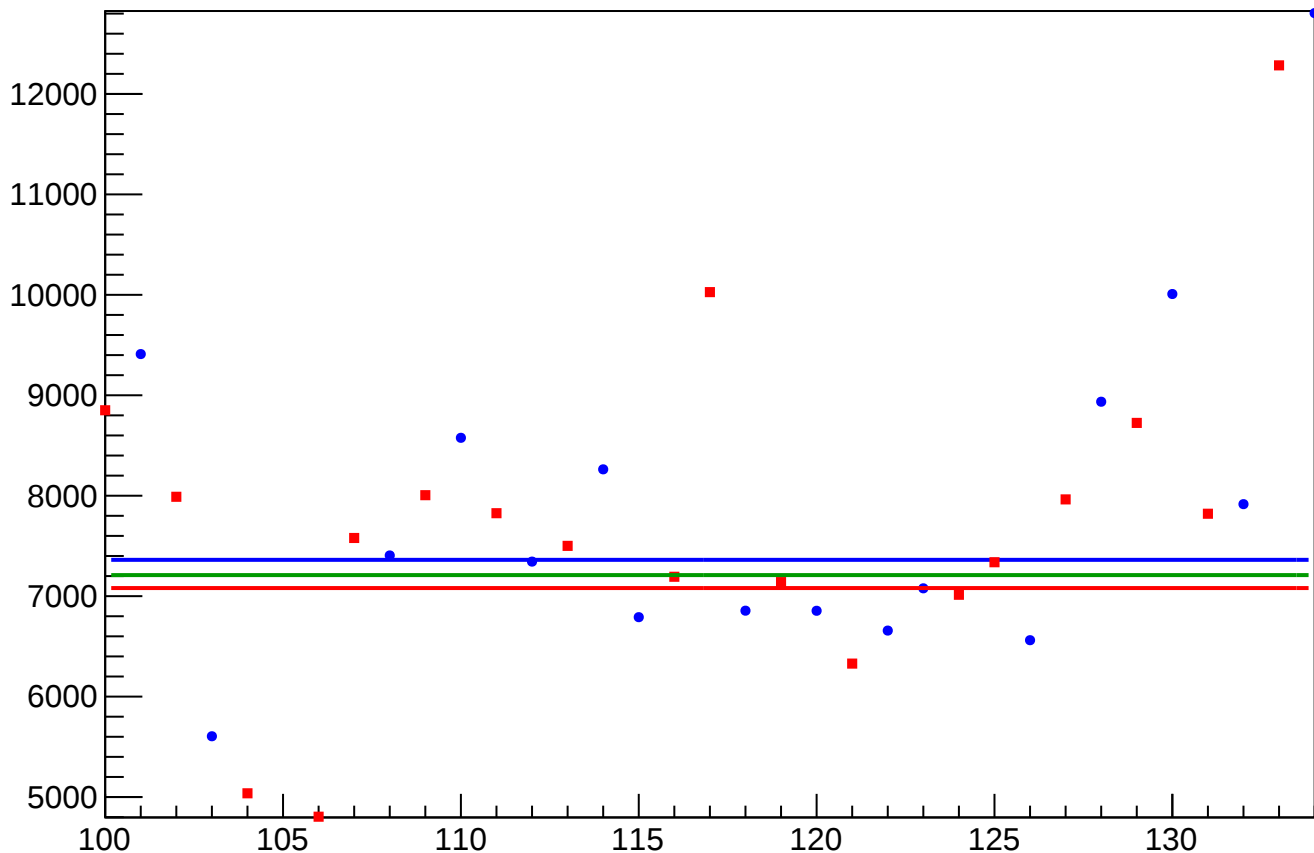
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4449.511+/-3123.803 χ^2/NDF : 12.9/15

4122.387+/-2117.311 χ^2/NDF : 28.6/33

3844.385+/-2879.726 χ^2/NDF : 15.8/17

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7361.621+/-2.209 χ^2/NDF : 383968.5/15

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

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

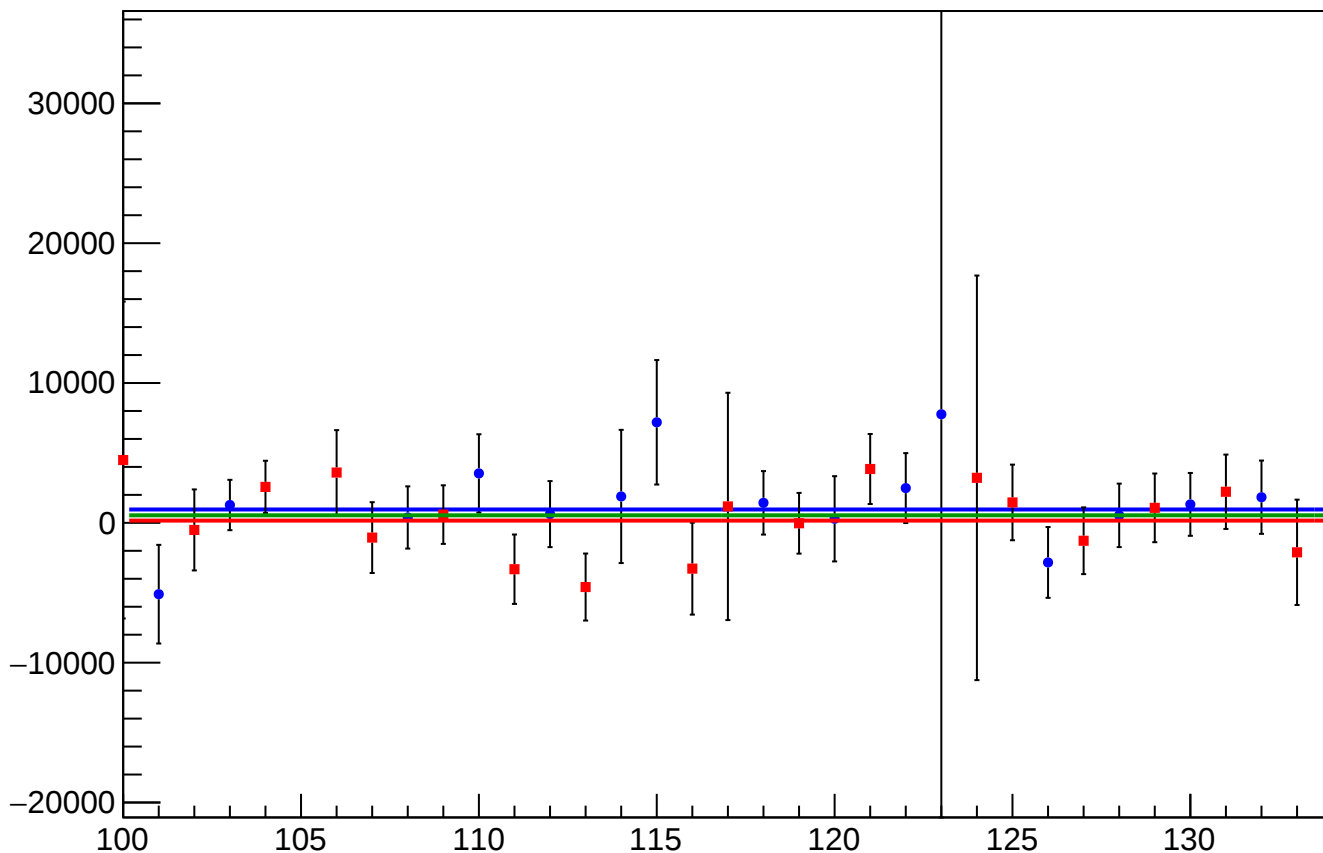
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7361.621+/-2.209 χ^2/NDF : 383968.5/15

7209.735+/-1.497 χ^2/NDF : 905021.8/33

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

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 955.256+/-677.229 χ^2 /NDF: 9.0/15

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

Right Out: 160.951+/-643.351 χ^2 /NDF: 14.3/17

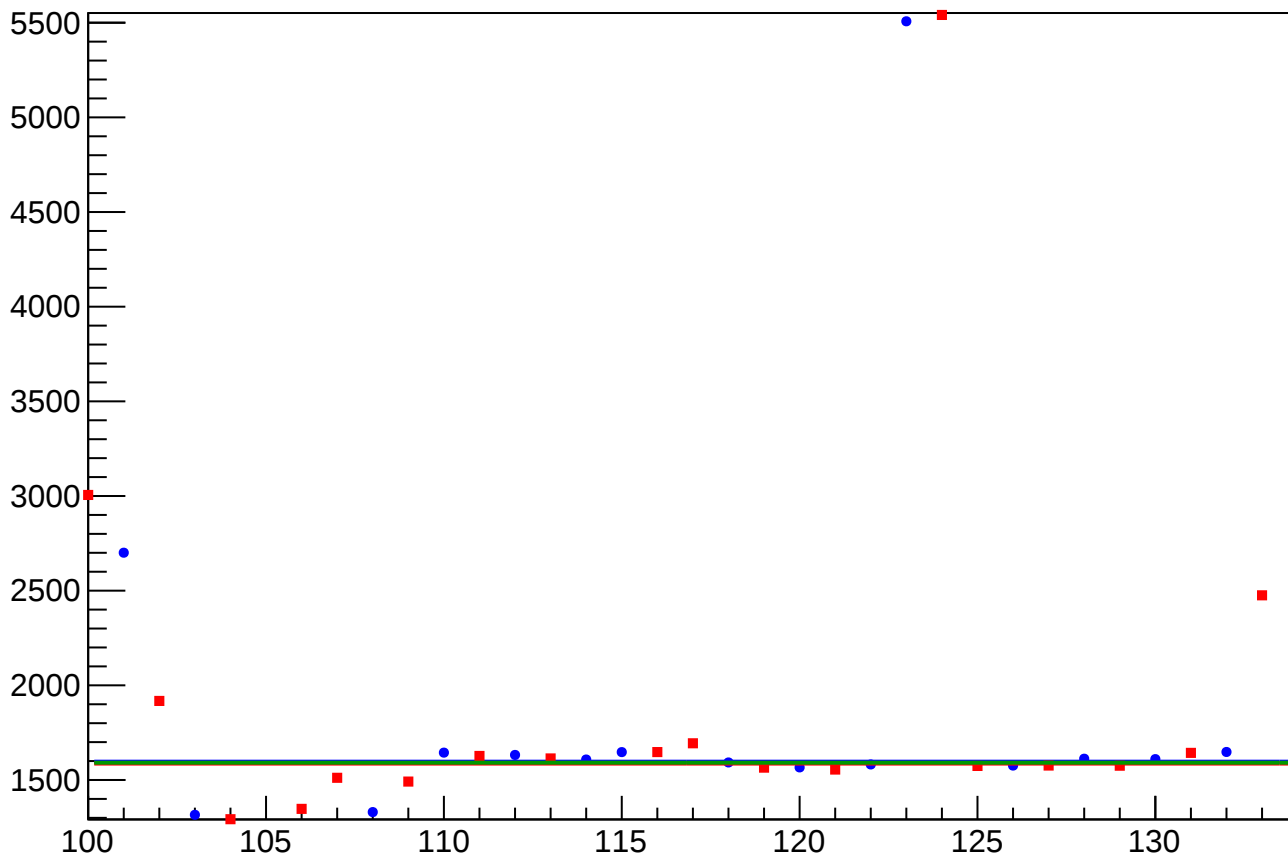
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

955.256+/-677.229 χ^2 /NDF: 9.0/15

537.740+/-466.435 χ^2 /NDF: 24.1/33

160.951+/-643.351 χ^2 /NDF: 14.3/17

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.689+/-0.479 χ^2/NDF : 362078.6/15

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

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

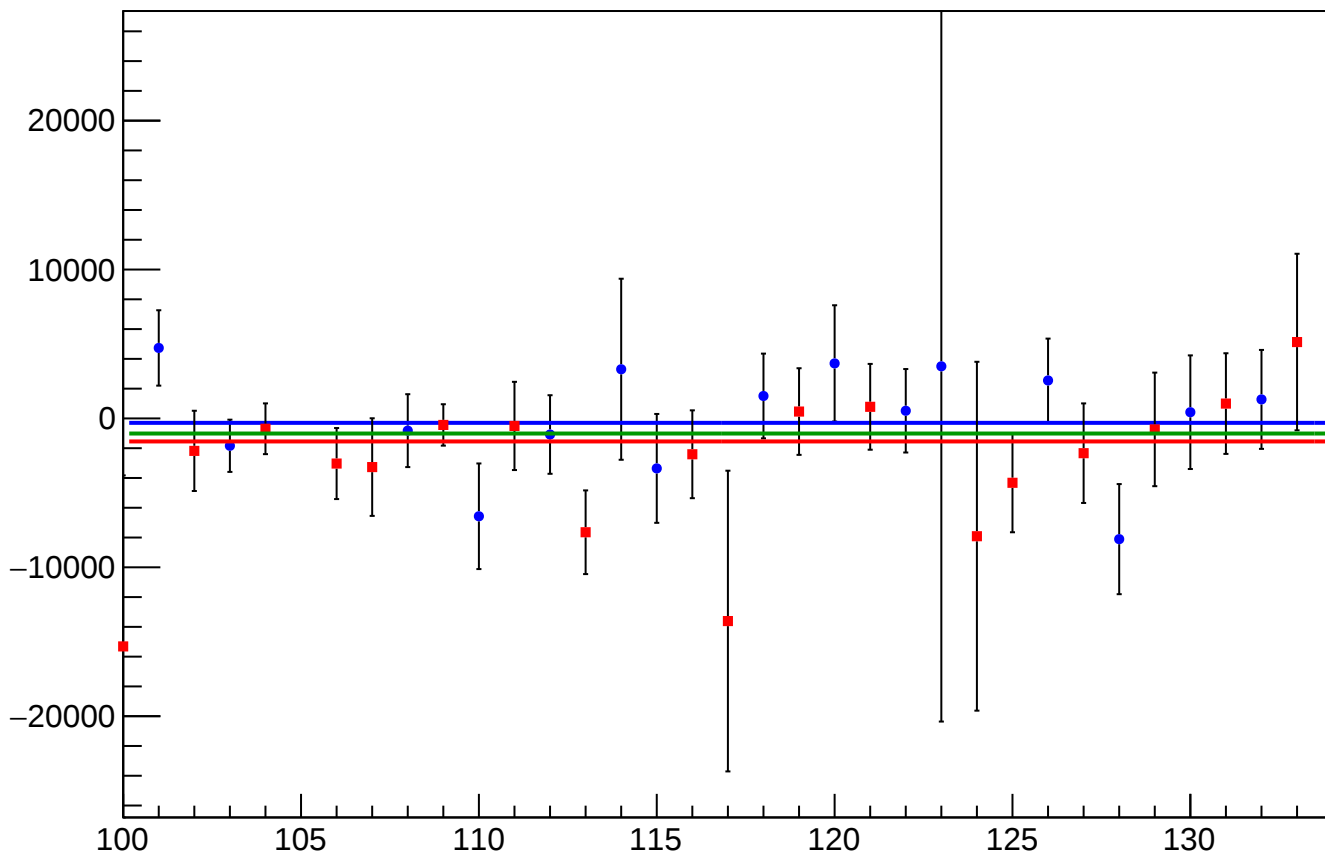
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1596.689+/-0.479 χ^2/NDF : 362078.6/15

1591.459+/-0.330 χ^2/NDF : 751567.0/33

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

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -296.997 ± 773.906 $\chi^2/\text{NDF}: 16.4/15$

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

Right Out: -1545.829 ± 666.498 $\chi^2/\text{NDF}: 13.4/17$

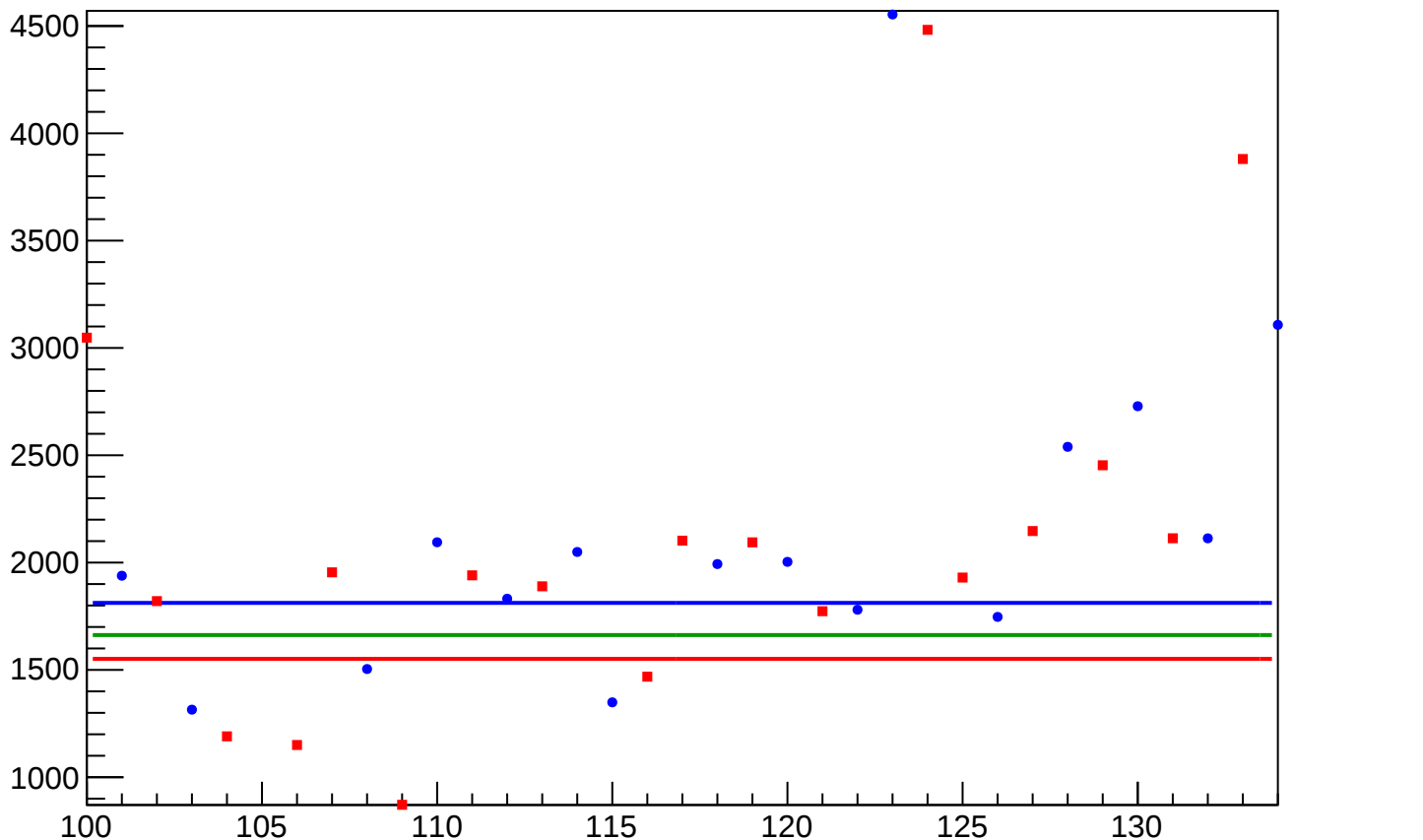
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-296.997 ± 773.906 $\chi^2/\text{NDF}: 16.4/15$

-1014.021 ± 505.026 $\chi^2/\text{NDF}: 31.3/33$

-1545.829 ± 666.498 $\chi^2/\text{NDF}: 13.4/17$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1812.199 +/- 0.547 χ^2/NDF : 561371.9/15

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

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

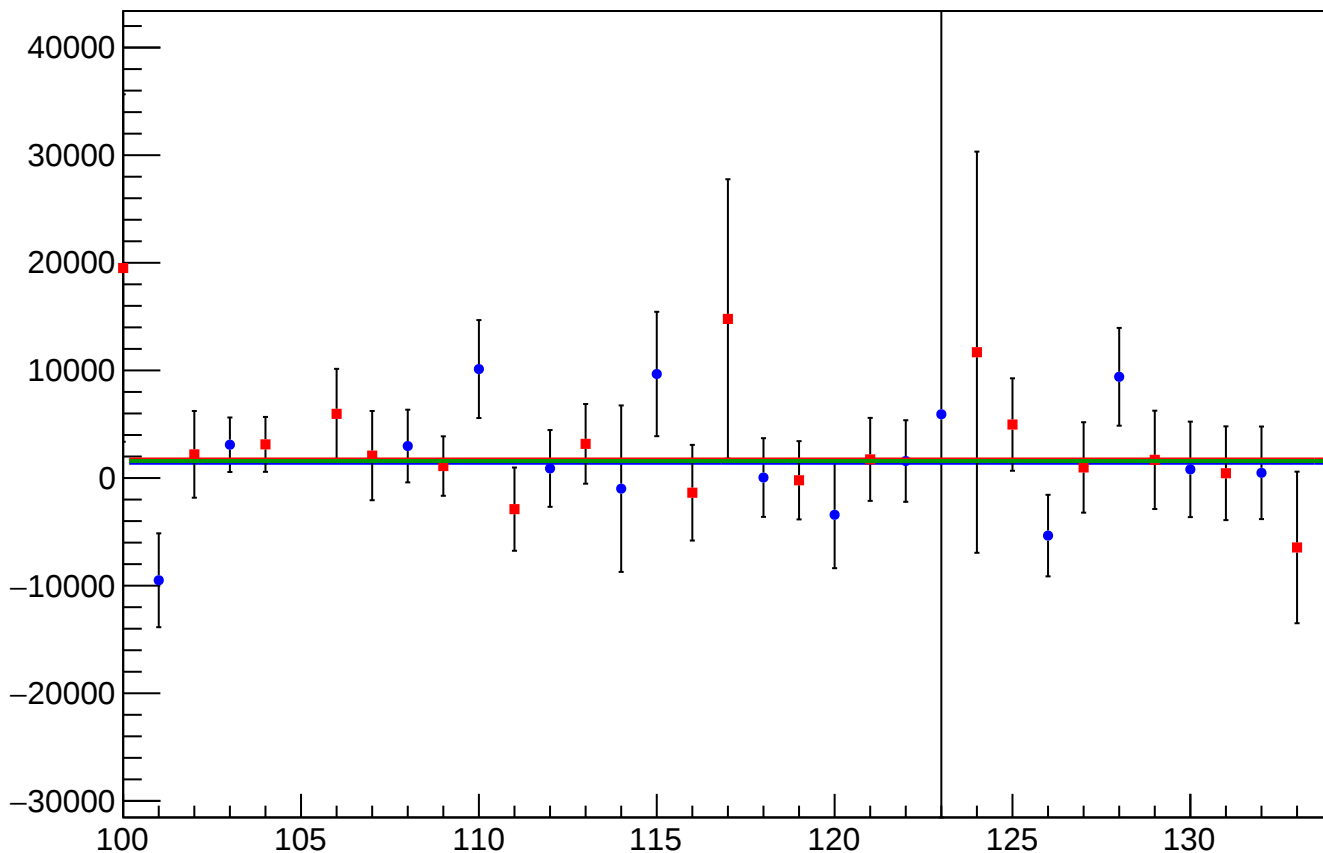
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

1812.199 +/- 0.547 χ^2/NDF : 561371.9/15

1662.425 +/- 0.357 χ^2/NDF : 2243102.0/33

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

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1419.036 $\pm$ 1059.659 χ^2 /NDF: 20.3/15

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

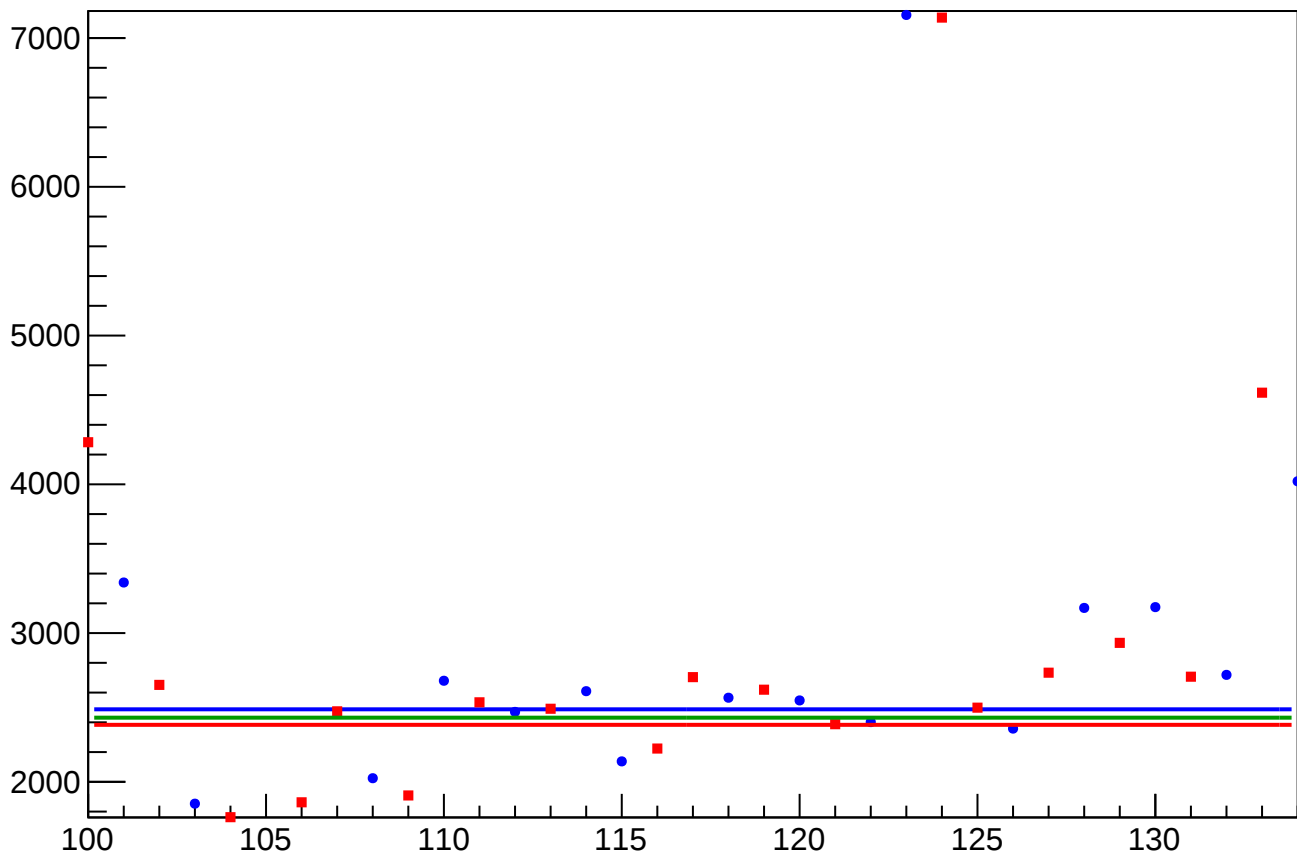
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1419.036 $\pm$ 1059.659 χ^2 /NDF: 20.3/15

1583.196 $\pm$ 719.831 χ^2 /NDF: 28.7/33

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

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2487.521+/-0.749 χ^2/NDF : 441421.6/15

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

Right Out: 2383.157+/-0.694 χ^2/NDF : 649883.9/17

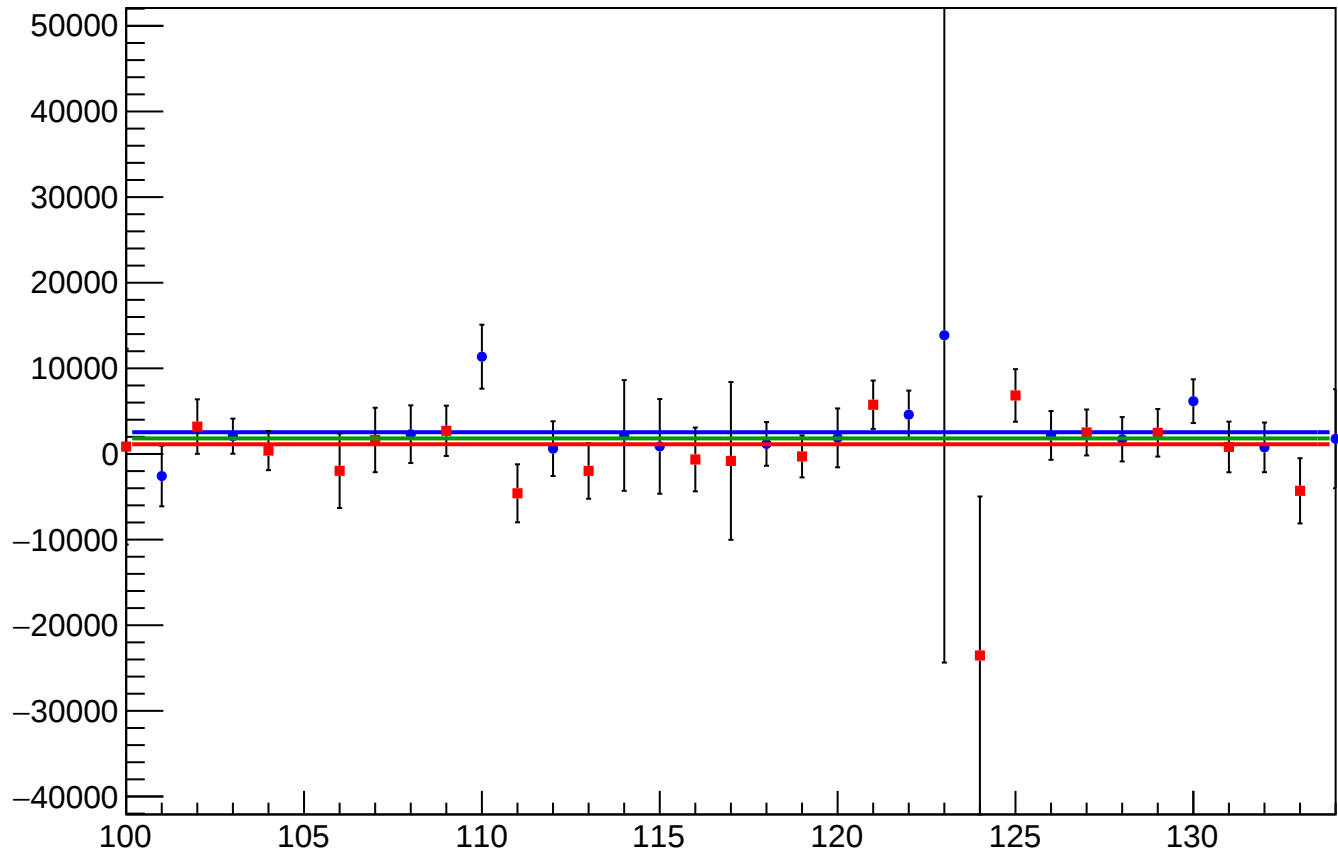
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2487.521+/-0.749 χ^2/NDF : 441421.6/15

2431.317+/-0.509 χ^2/NDF : 1101753.4/33

2383.157+/-0.694 χ^2/NDF : 649883.9/17

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2538.419+/-797.612 χ^2 /NDF: 11.6/15

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

Right Out: 1133.376+/-777.109 χ^2 /NDF: 16.2/17

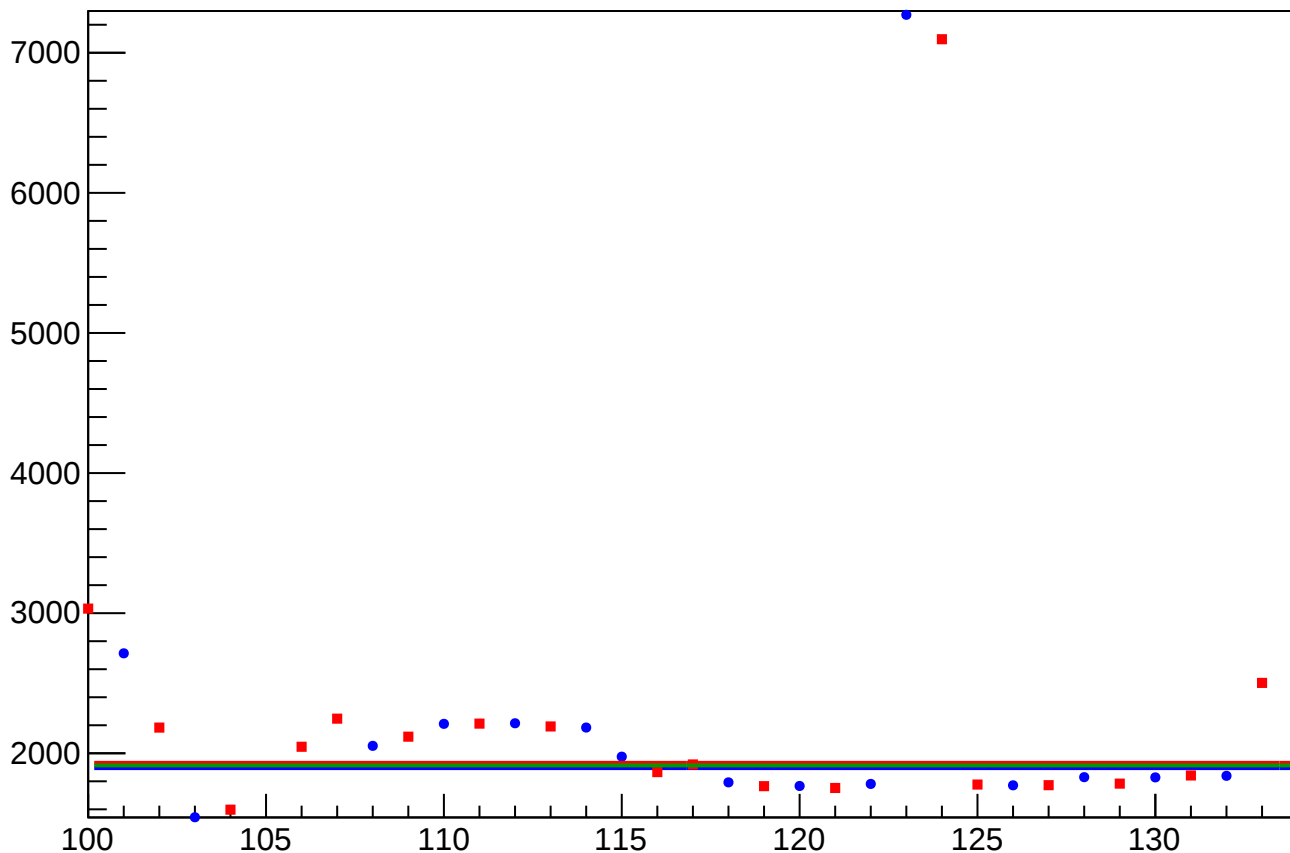
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2538.419+/-797.612 χ^2 /NDF: 11.6/15

1817.607+/-556.606 χ^2 /NDF: 29.4/33

1133.376+/-777.109 χ^2 /NDF: 16.2/17

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1894.215+/-0.564 χ^2/NDF : 288654.7/15

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

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

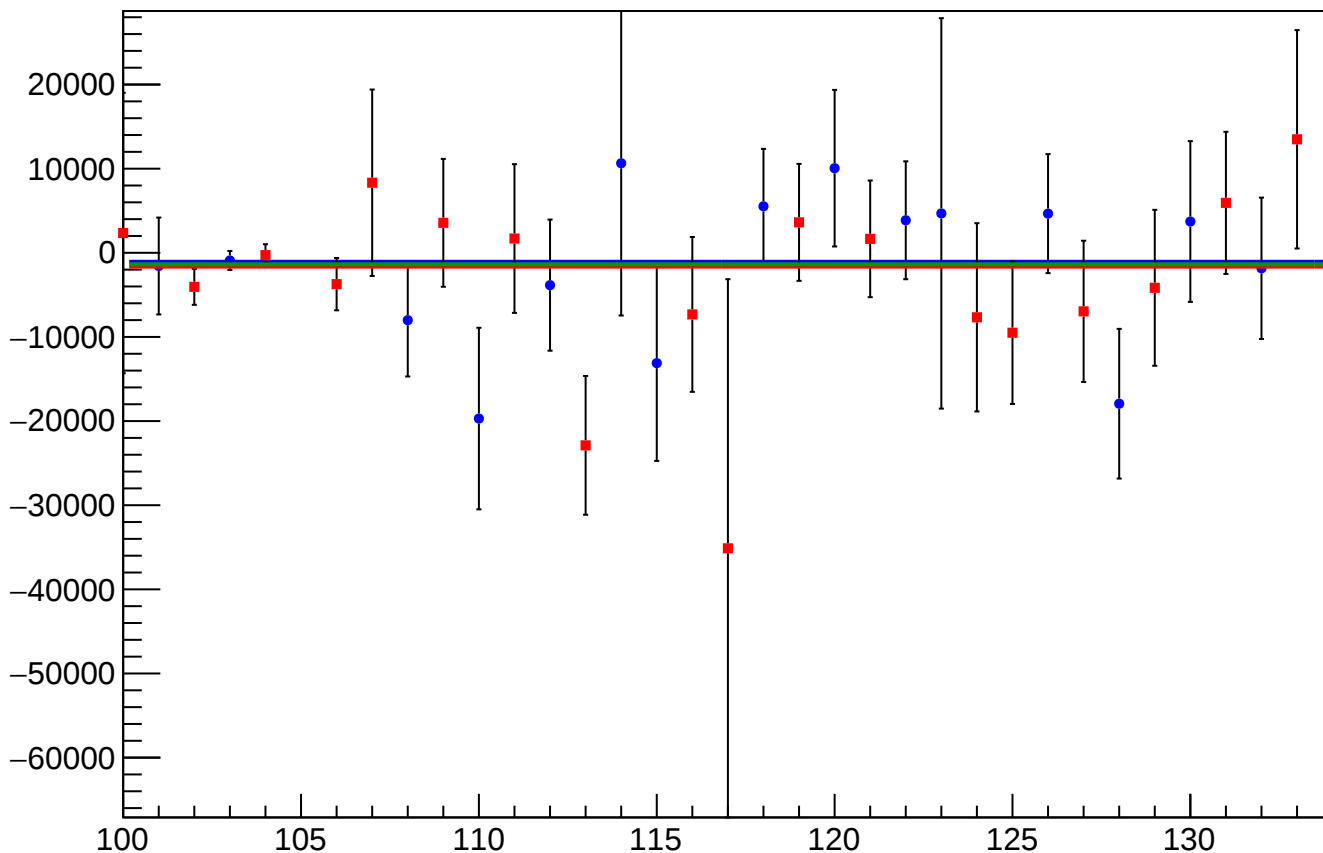
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1894.215+/-0.564 χ^2/NDF : 288654.7/15

1913.423+/-0.393 χ^2/NDF : 652241.1/33

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

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1064.572 $\pm$ 1005.807 χ^2 /NDF: 13.2/15

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

Right Out: -1641.406 $\pm$ 954.954 χ^2 /NDF: 17.0/17

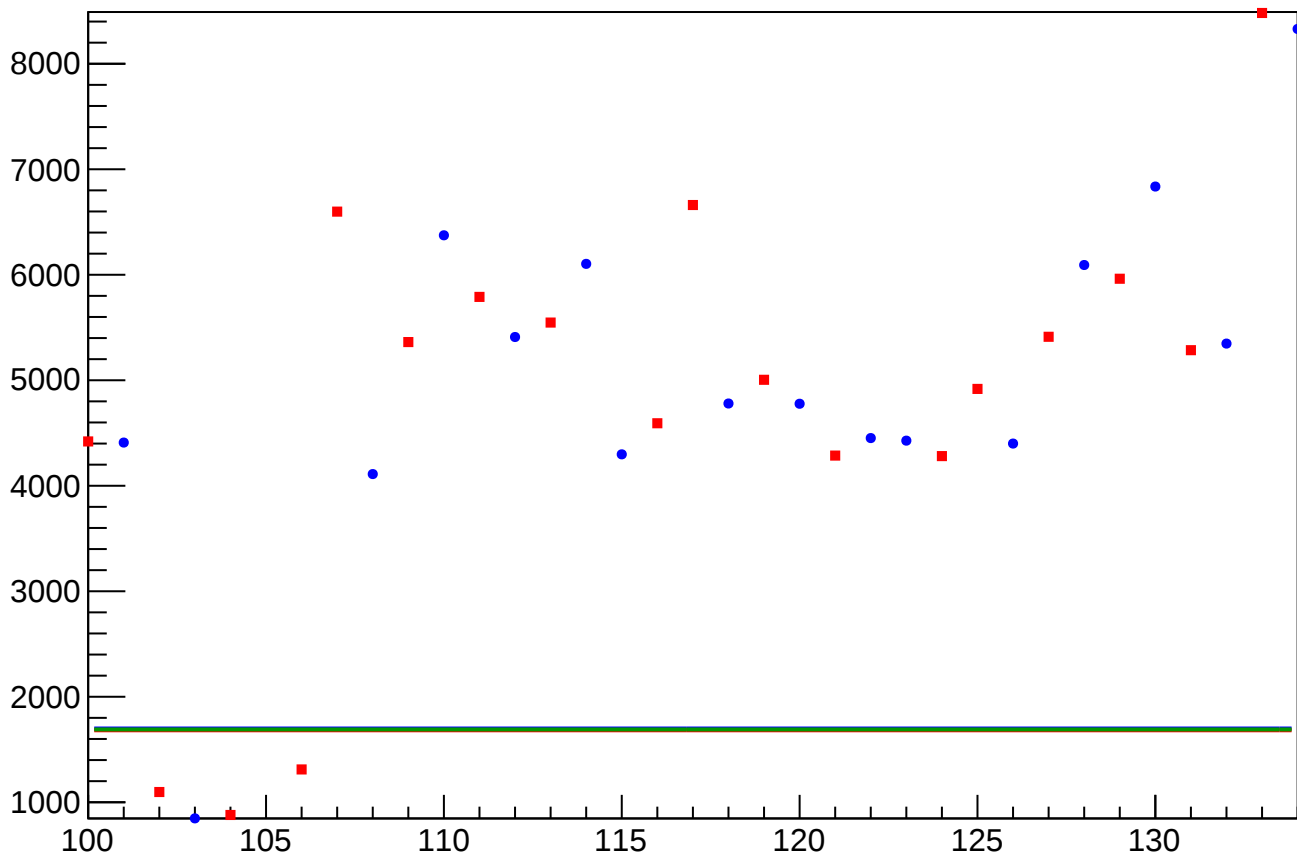
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1064.572 $\pm$ 1005.807 χ^2 /NDF: 13.2/15

-1367.940 $\pm$ 692.535 χ^2 /NDF: 30.4/33

-1641.406 $\pm$ 954.954 χ^2 /NDF: 17.0/17

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1699.025+/-0.711 χ^2/NDF : 5831354.5/15

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

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

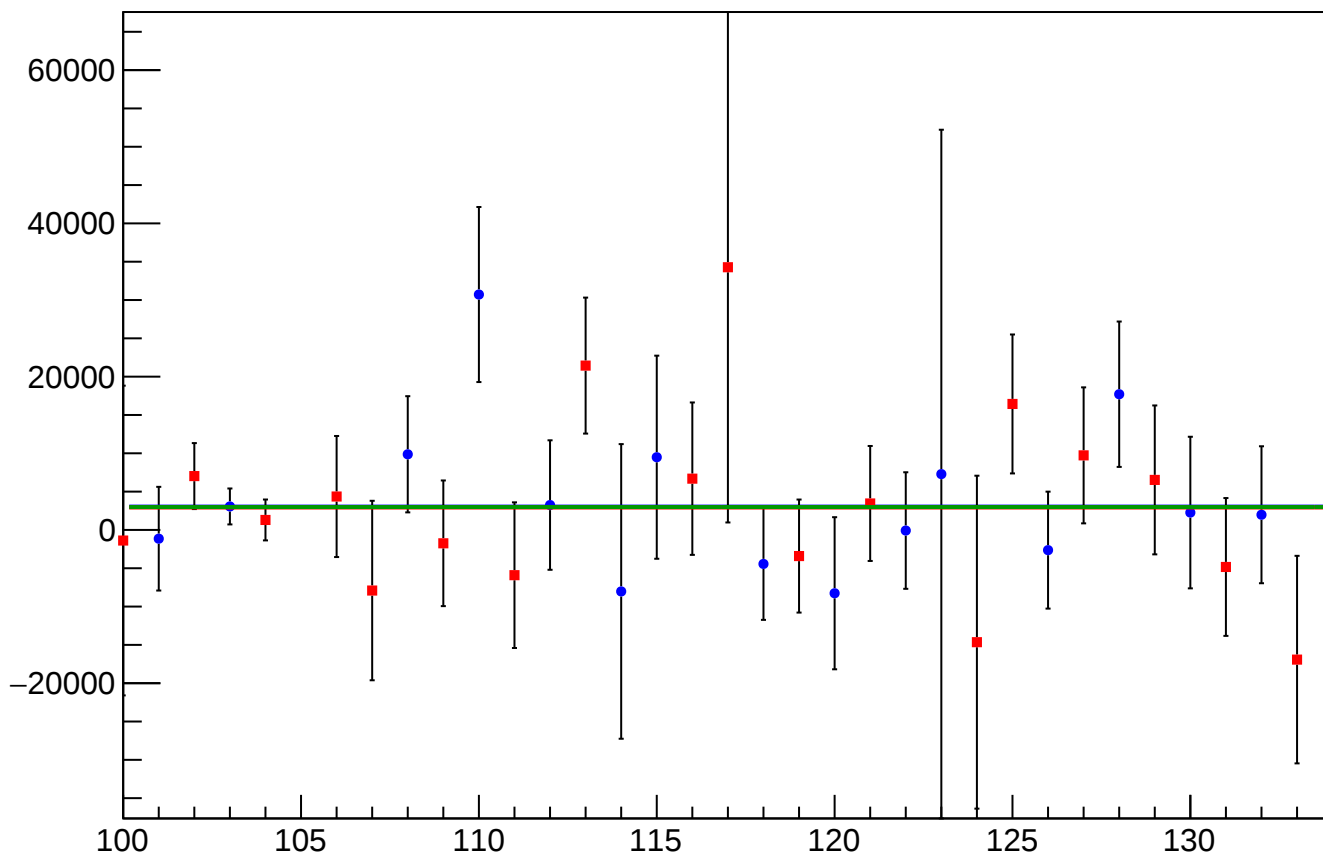
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1699.025+/-0.711 χ^2/NDF : 5831354.5/15

1690.195+/-0.490 χ^2/NDF : 11687660.7/3

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

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3043.336+/-1686.810 χ^2/NDF : 13.2/15

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

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

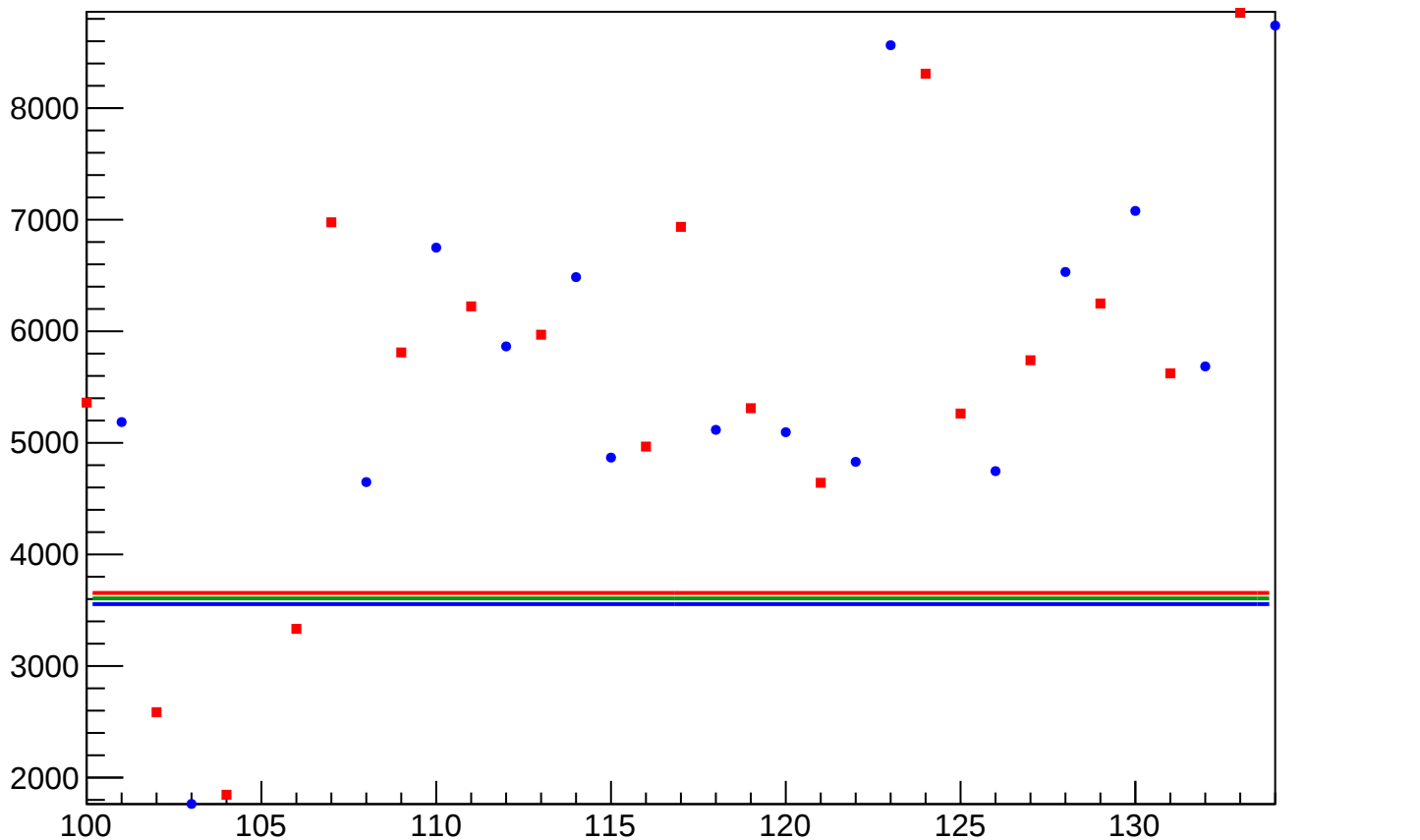
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3043.336+/-1686.810 χ^2/NDF : 13.2/15

2985.453+/-1184.322 χ^2/NDF : 29.2/33

2929.178+/-1663.208 χ^2/NDF : 16.0/17

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3555.089+/-1.193 χ^2/NDF : 2666114.9/15

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

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

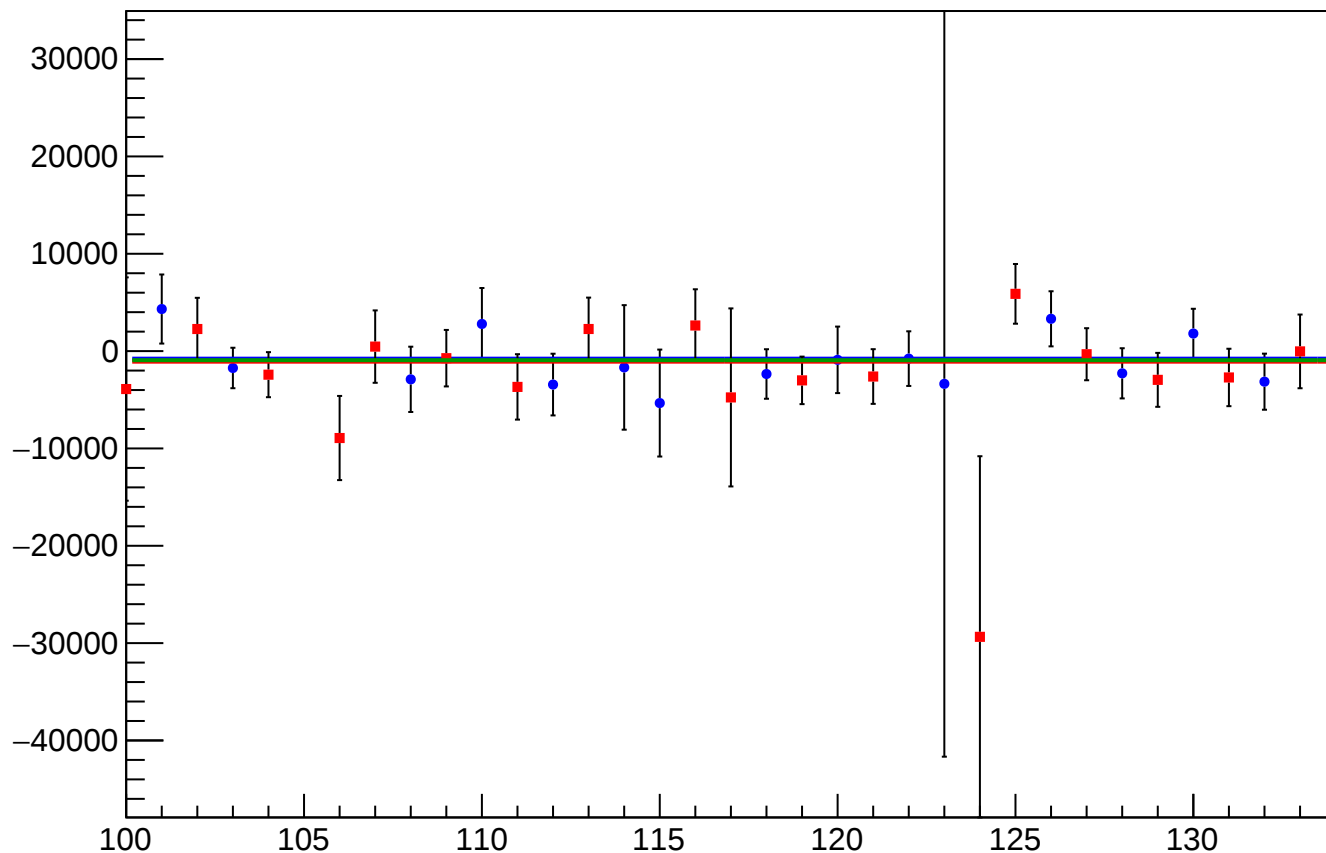
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3555.089+/-1.193 χ^2/NDF : 2666114.9/15

3605.971+/-0.834 χ^2/NDF : 5300633.9/33

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

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -776.943+/-795.945 χ^2/NDF : 9.6/15

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

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

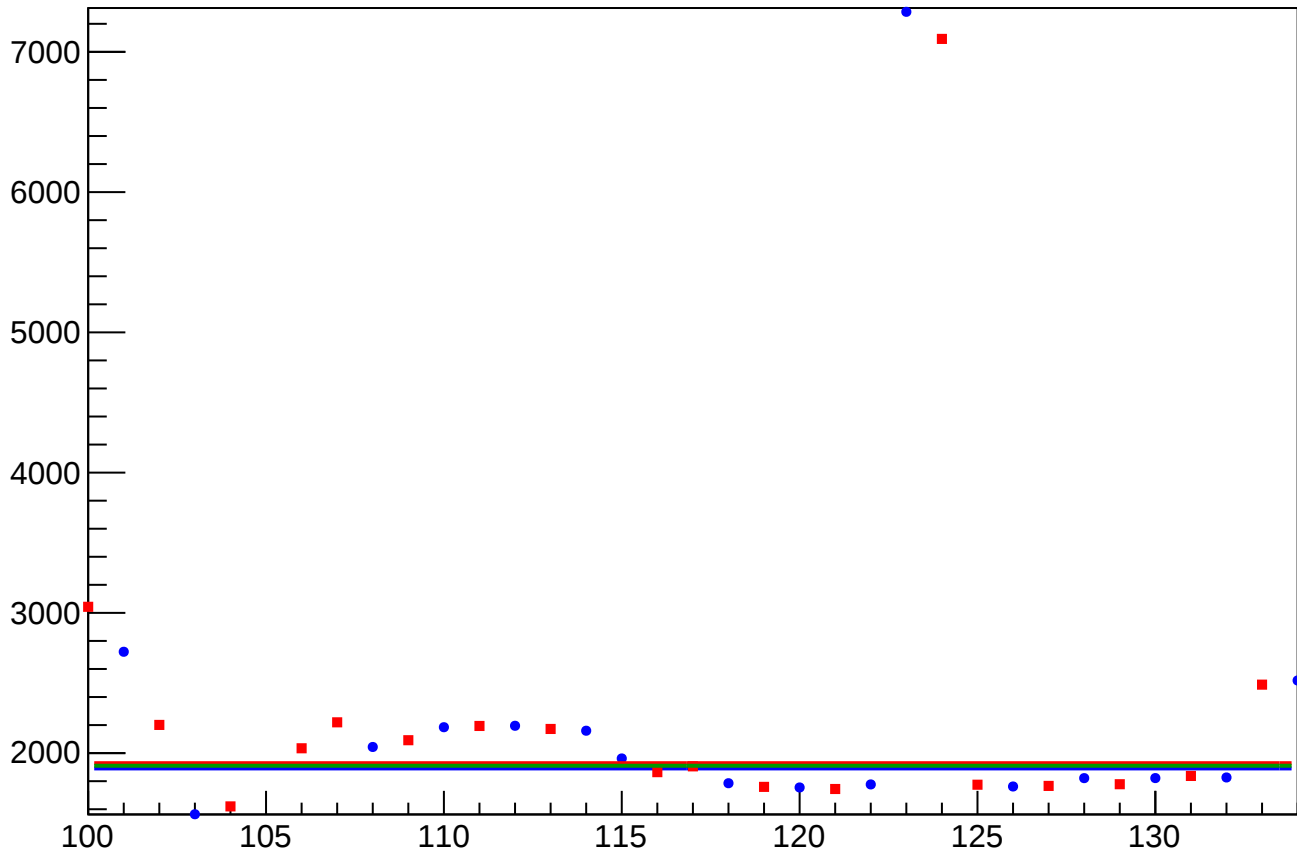
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-776.943+/-795.945 χ^2/NDF : 9.6/15

-934.868+/-555.365 χ^2/NDF : 26.8/33

-1084.696+/-775.274 χ^2/NDF : 17.1/17

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1890.968+/-0.563 χ^2/NDF : 279688.5/15

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

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

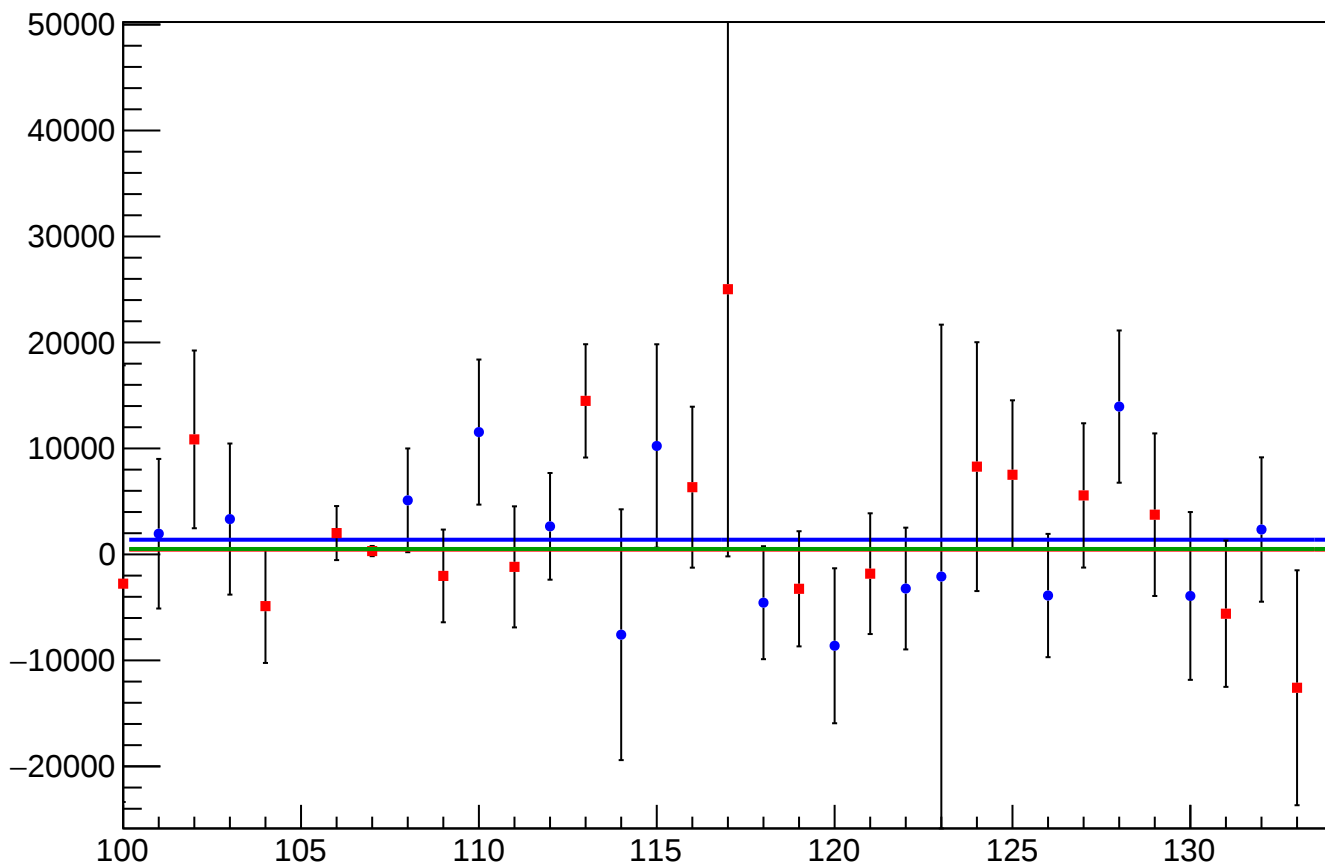
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1890.968+/-0.563 χ^2/NDF : 279688.5/15

1910.109+/-0.392 χ^2/NDF : 632220.8/33

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

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1386.608+/-1724.637 χ^2/NDF : 12.5/15

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

Right Out: 451.179+/-455.963 χ^2/NDF : 16.8/17

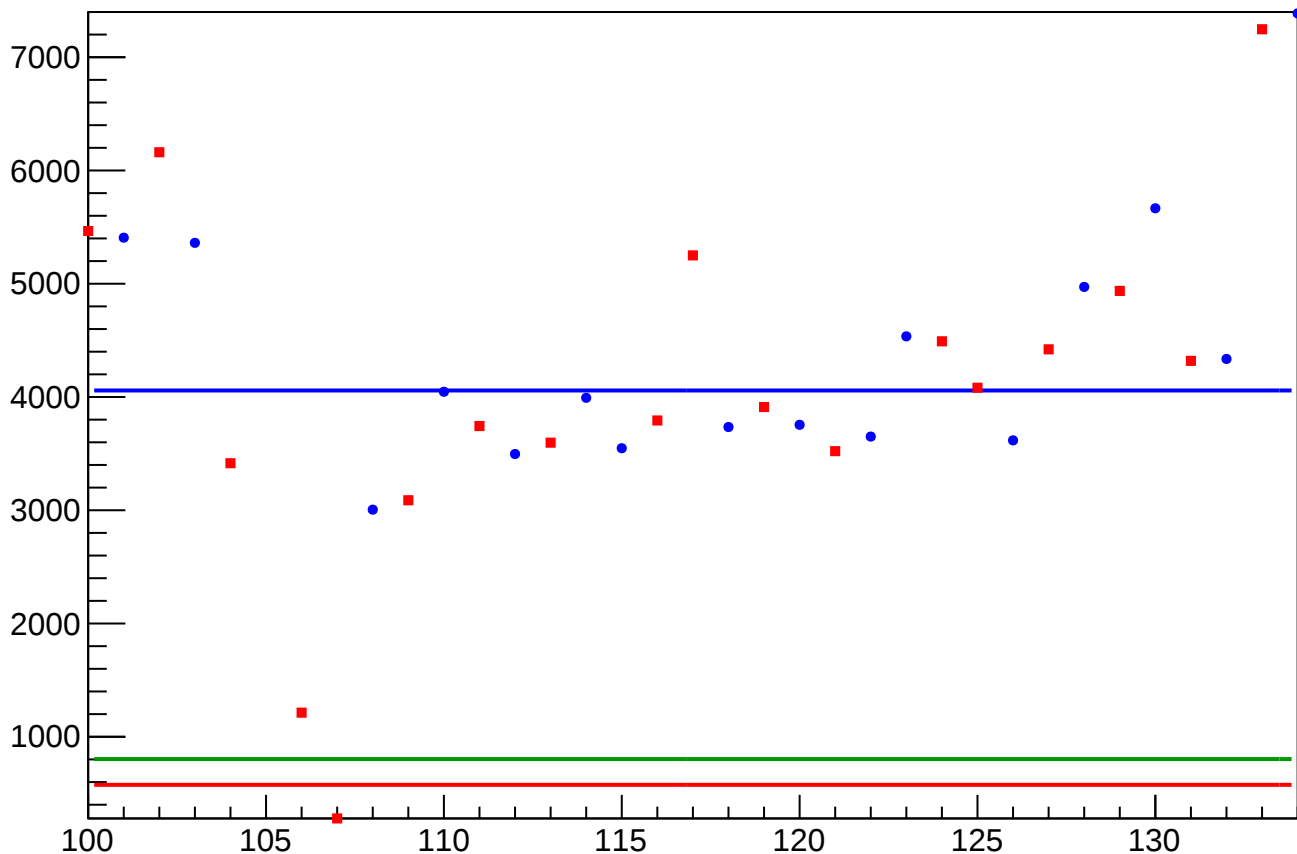
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1386.608+/-1724.637 χ^2/NDF : 12.5/15

512.291+/-440.817 χ^2/NDF : 29.6/33

451.179+/-455.963 χ^2/NDF : 16.8/17

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4057.636+/-1.220 χ^2/NDF : 492304.5/15

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

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

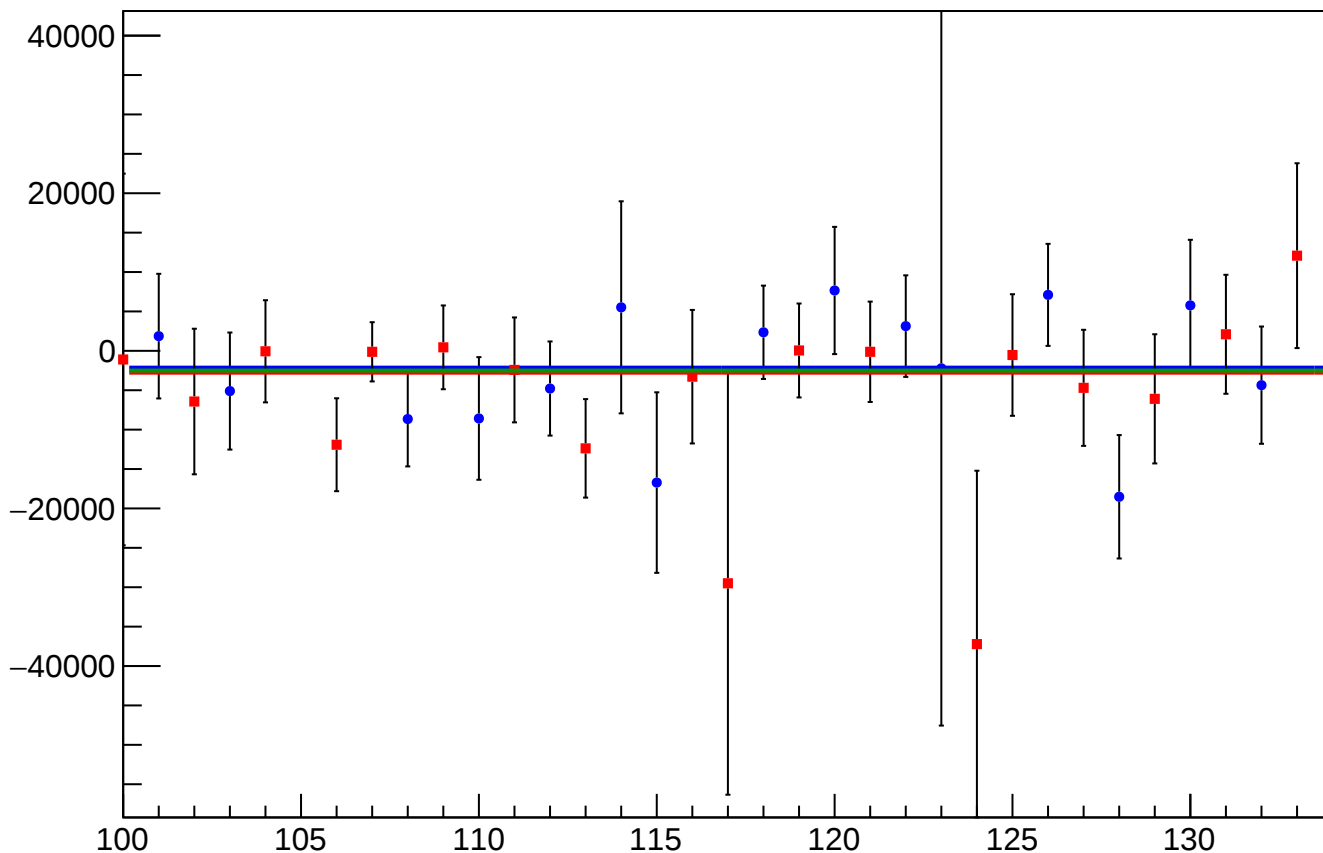
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4057.636+/-1.220 χ^2/NDF : 492304.5/15

803.271+/-0.312 χ^2/NDF : 17501914.5/33

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

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2132.890+/-1947.515 χ^2/NDF : 14.6/15

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

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

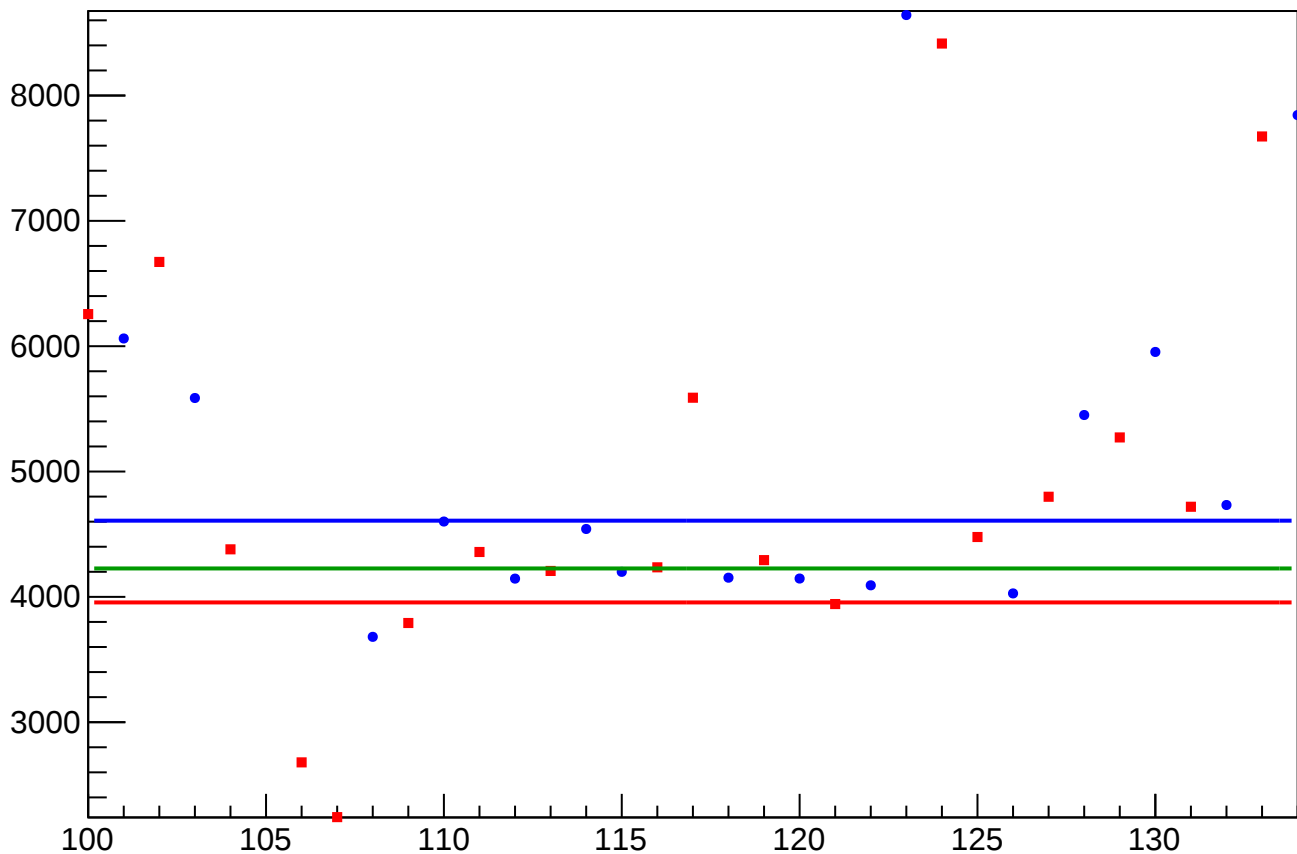
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2132.890+/-1947.515 χ^2/NDF : 14.6/15

-2503.675+/-1260.655 χ^2/NDF : 26.8/33

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

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4607.969 $\pm$ 1.377 χ^2/NDF : 368881.6/15

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

Right Out: 3955.590 $\pm$ 1.161 χ^2/NDF : 1145820.5/17

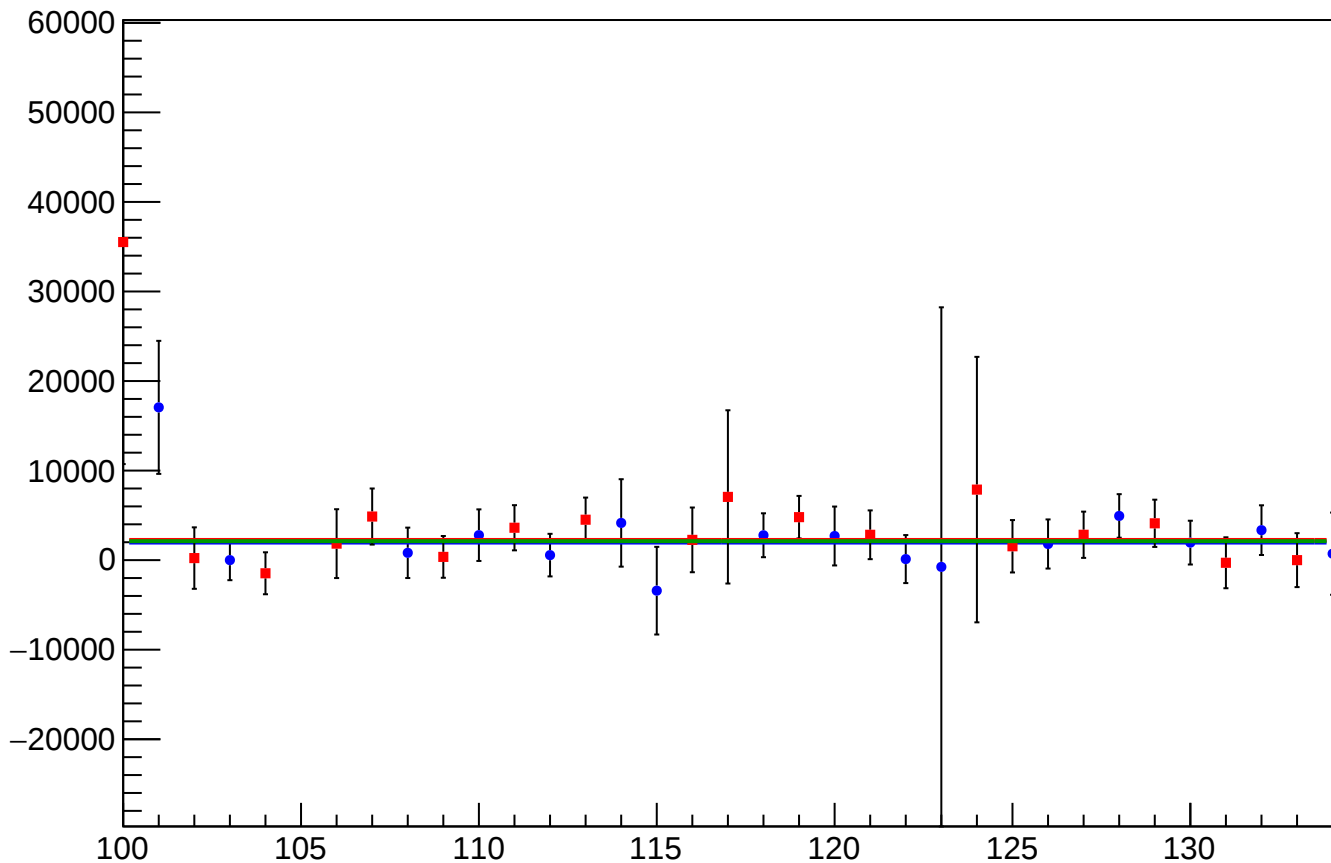
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

4607.969 $\pm$ 1.377 χ^2/NDF : 368881.6/15

4226.707 $\pm$ 0.888 χ^2/NDF : 1645859.4/33

3955.590 $\pm$ 1.161 χ^2/NDF : 1145820.5/17

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1964.872+/-751.638 χ^2/NDF : 9.4/15

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

Right Out: 2251.582+/-708.567 χ^2/NDF : 10.7/17

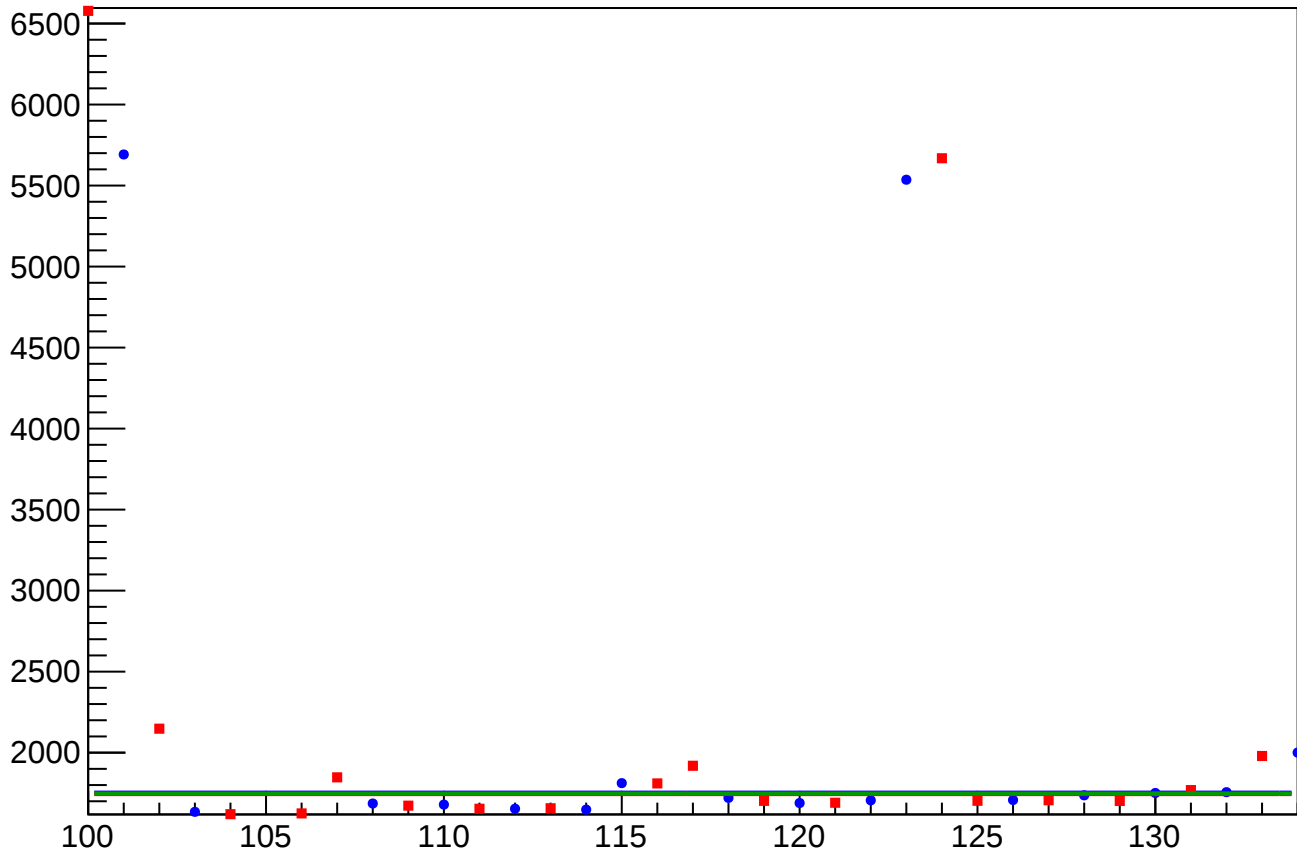
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1964.872+/-751.638 χ^2/NDF : 9.4/15

2116.677+/-515.587 χ^2/NDF : 20.2/33

2251.582+/-708.567 χ^2/NDF : 10.7/17

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1753.475+/-0.531 χ^2 /NDF: 617323.6/15

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

Right Out: 1743.945+/-0.497 χ^2 /NDF: 277749.5/17

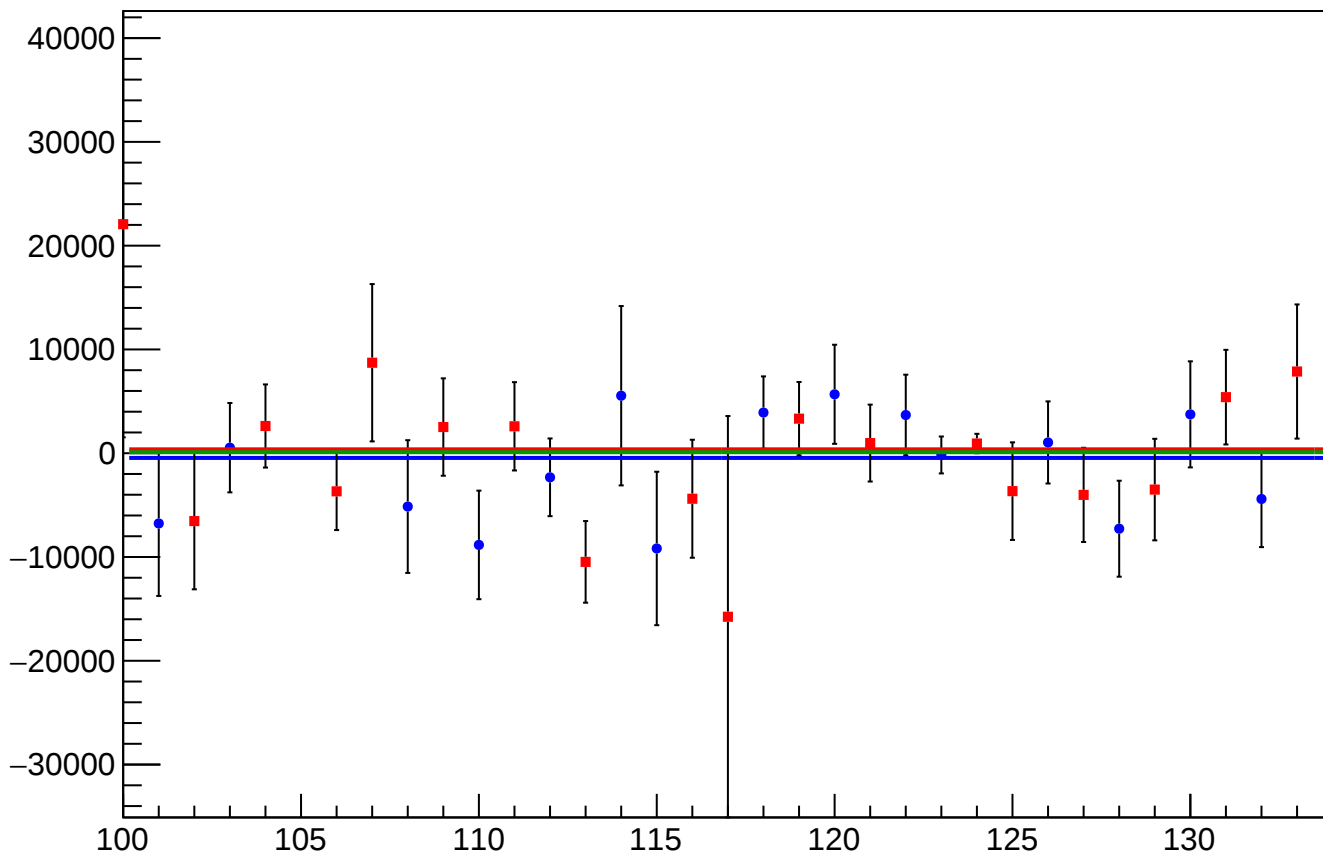
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1753.475+/-0.531 χ^2 /NDF: 617323.6/15

1748.395+/-0.363 χ^2 /NDF: 895244.5/33

1743.945+/-0.497 χ^2 /NDF: 277749.5/17

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -453.083+/-1025.677 χ^2/NDF : 14.4/15

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

Right Out: 374.176+/-729.347 χ^2/NDF : 20.3/17

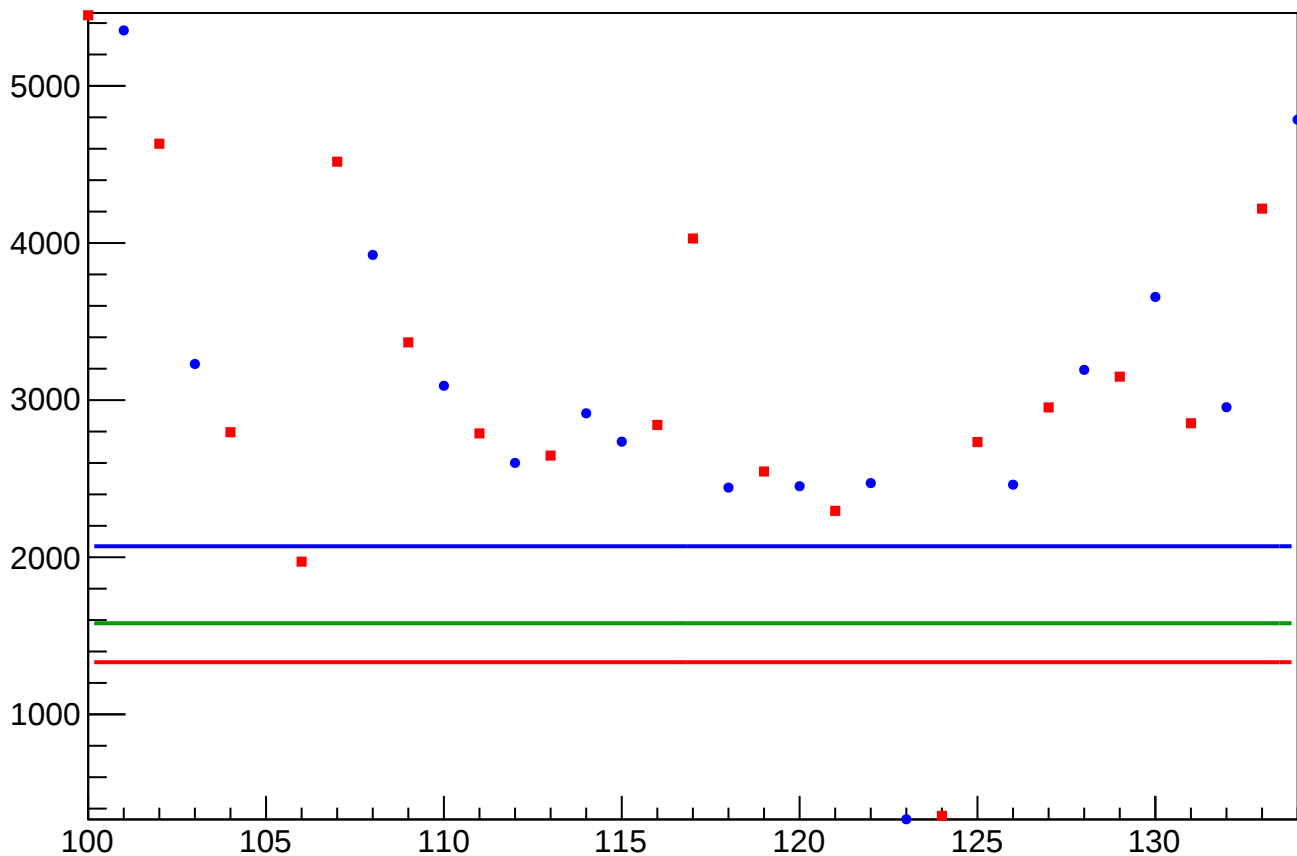
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-453.083+/-1025.677 χ^2/NDF : 14.4/15

96.355+/-594.392 χ^2/NDF : 35.1/33

374.176+/-729.347 χ^2/NDF : 20.3/17

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2069.876+/-0.725 χ^2/NDF : 3396369.5/15

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

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

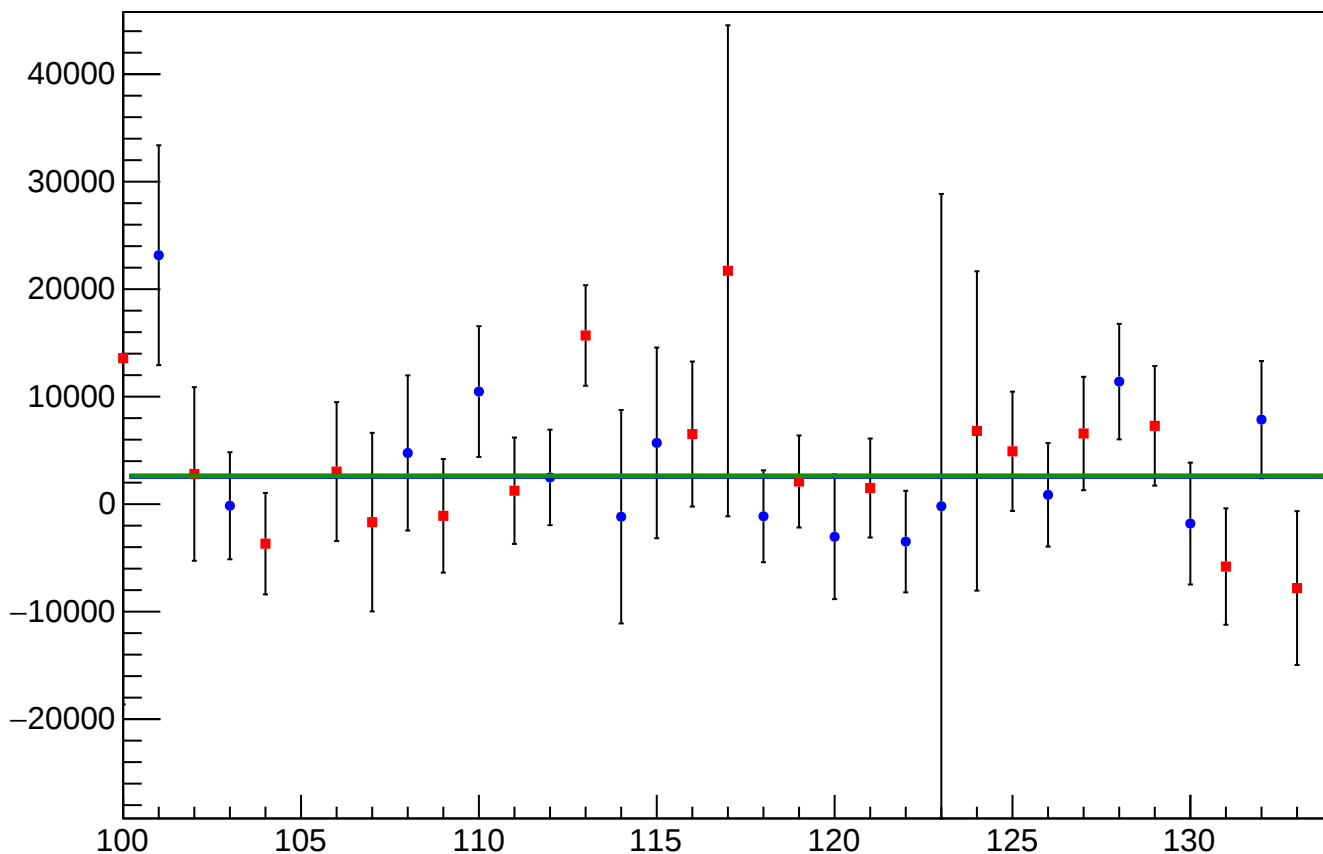
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2069.876+/-0.725 χ^2/NDF : 3396369.5/15

1579.661+/-0.420 χ^2/NDF : 10251323.2/3

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

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2539.287+/-1491.832 χ^2/NDF : 14.1/15

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

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

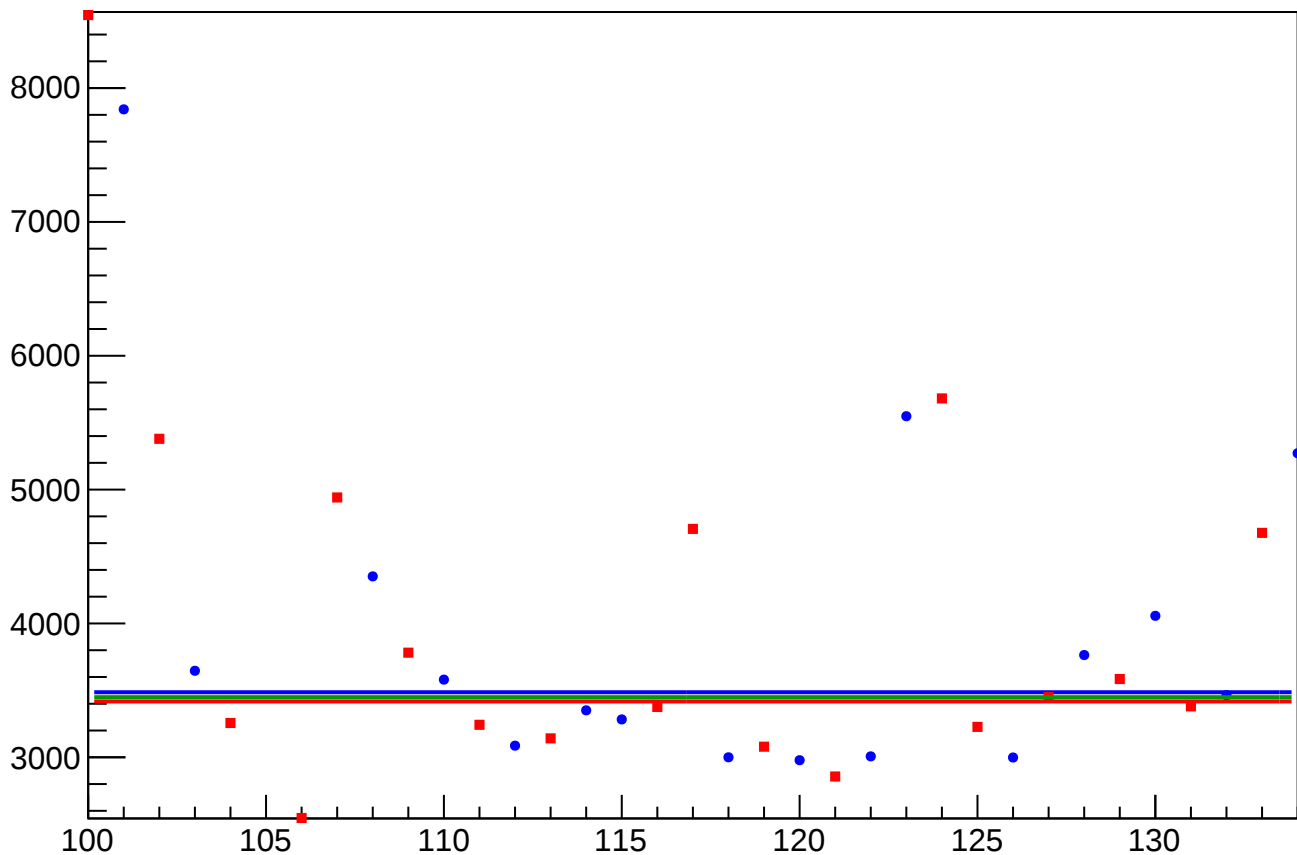
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2539.287+/-1491.832 χ^2/NDF : 14.1/15

2607.472+/-1022.858 χ^2/NDF : 31.8/33

2667.963+/-1405.137 χ^2/NDF : 17.7/17

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3485.996+/-1.055 χ^2/NDF : 572561.2/15

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

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

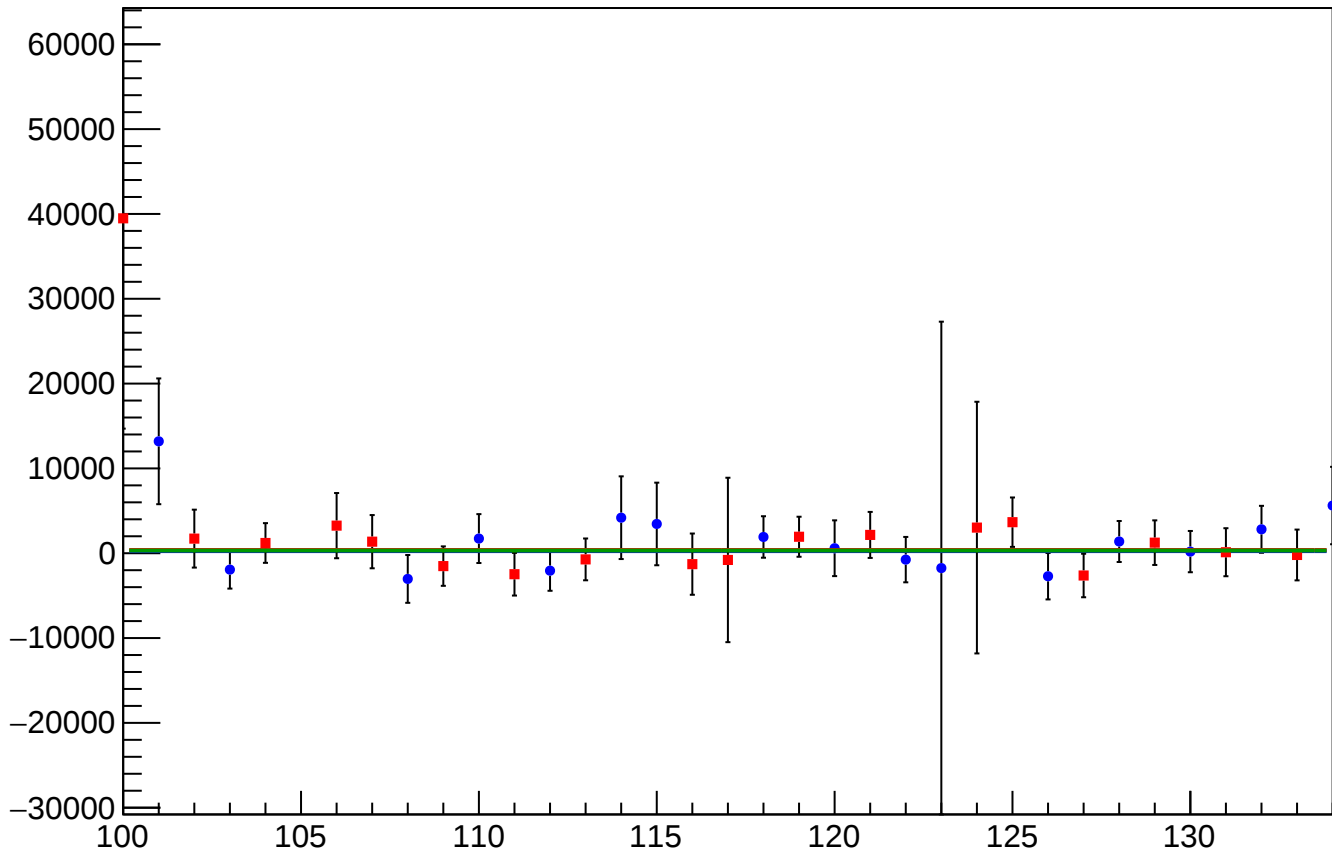
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3485.996+/-1.055 χ^2/NDF : 572561.2/15

3449.211+/-0.718 χ^2/NDF : 1052535.9/33

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

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 253.250+/-749.656 χ^2/NDF : 11.9/15

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

Right Out: 376.060+/-706.221 χ^2/NDF : 9.5/17

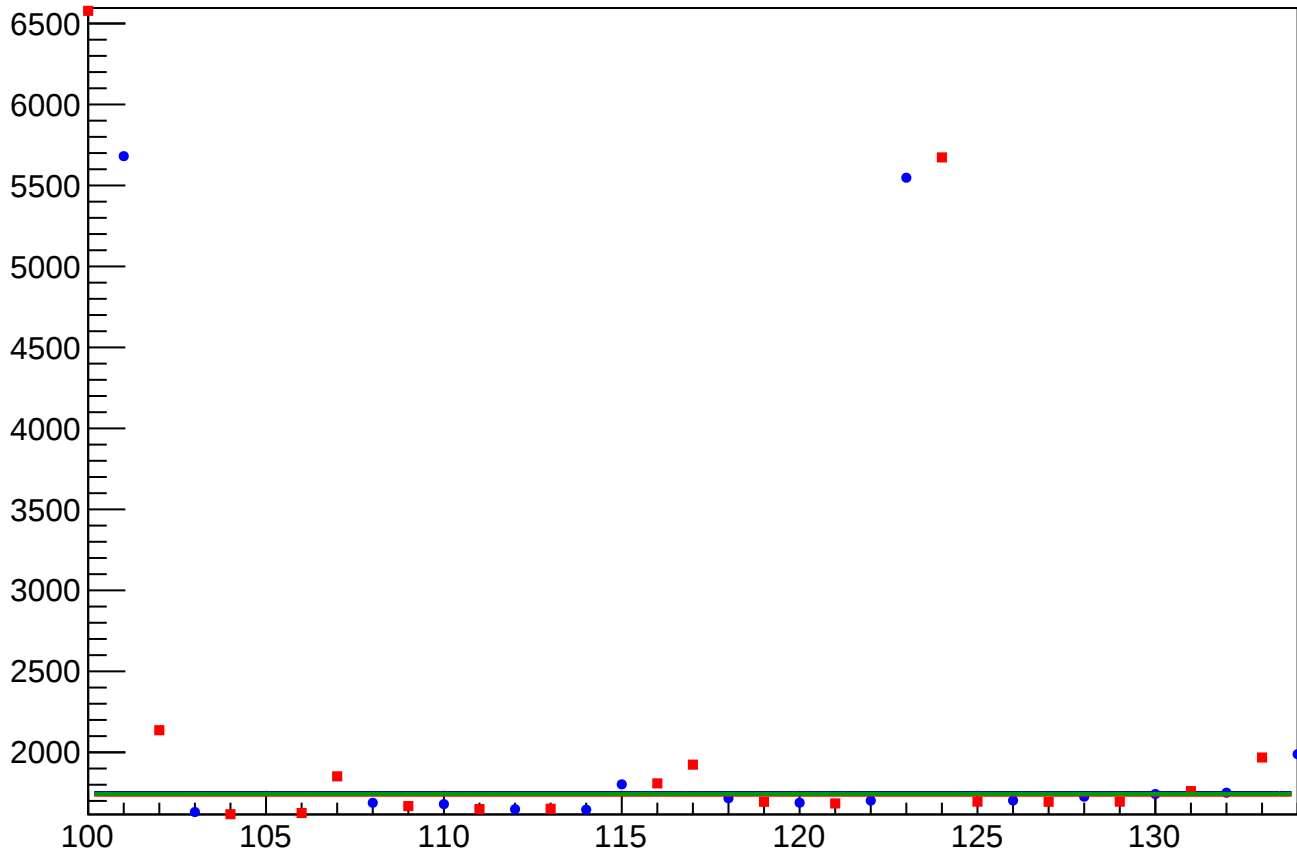
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

253.250+/-749.656 χ^2/NDF : 11.9/15

318.316+/-514.043 χ^2/NDF : 21.4/33

376.060+/-706.221 χ^2/NDF : 9.5/17

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1748.837+/-0.530 χ^2/NDF : 616924.3/15

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

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

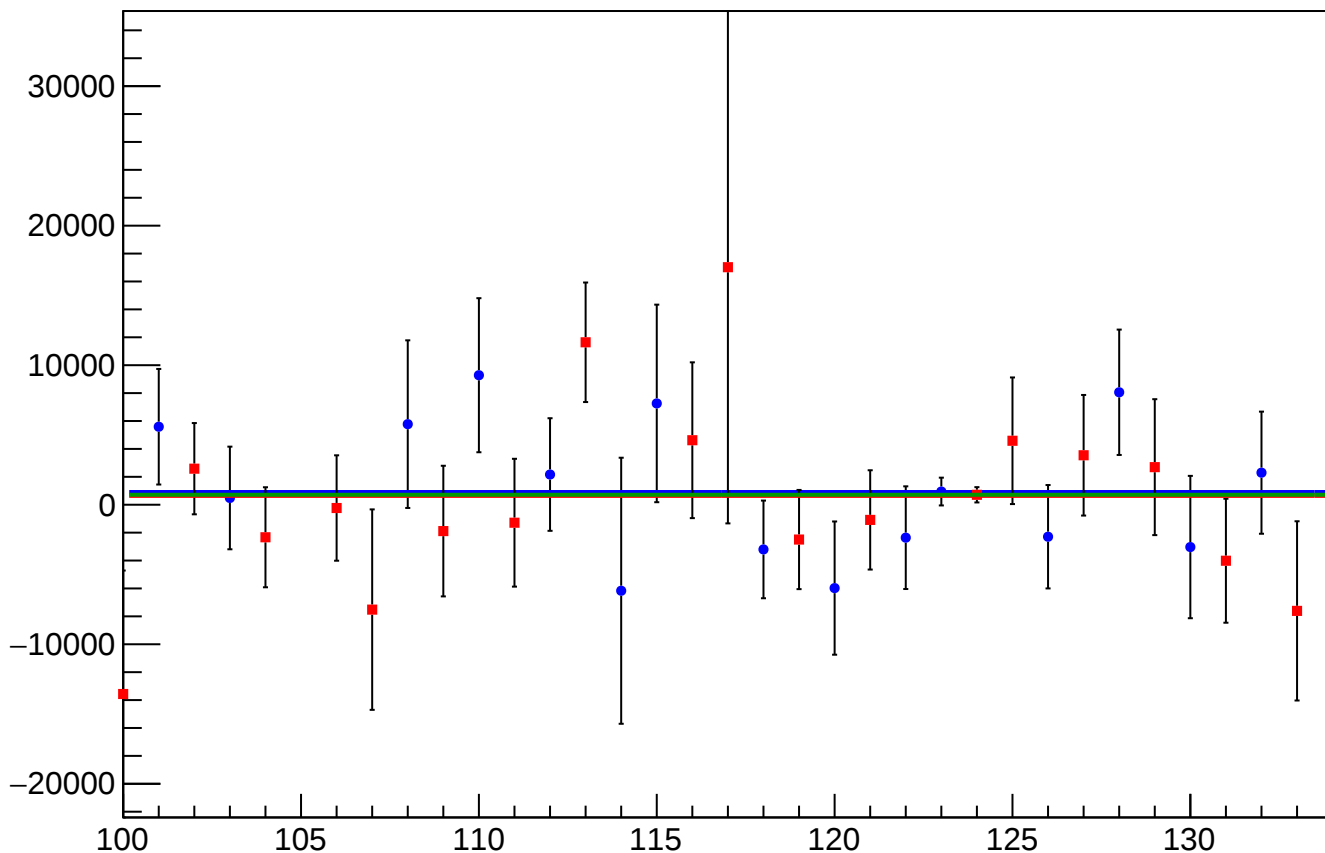
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1748.837+/-0.530 χ^2/NDF : 616924.3/15

1743.195+/-0.362 χ^2/NDF : 894838.6/33

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

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 911.347+/-763.284 χ^2/NDF : 14.0/15

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

Right Out: 633.146+/-490.172 χ^2/NDF : 18.5/17

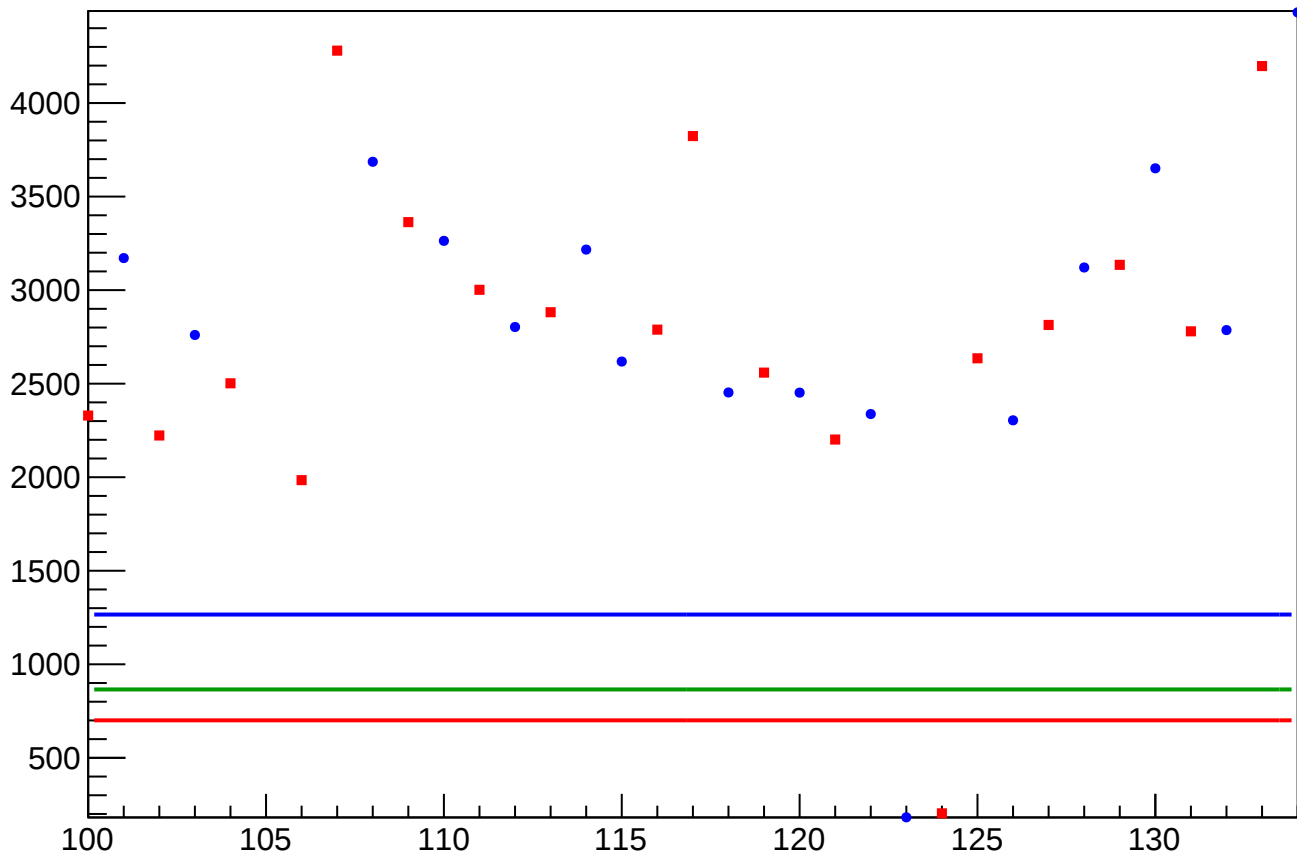
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

911.347+/-763.284 χ^2/NDF : 14.0/15

714.378+/-412.448 χ^2/NDF : 32.6/33

633.146+/-490.172 χ^2/NDF : 18.5/17

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1265.940 $\pm$ 0.540 χ^2 /NDF: 6054304.6/15

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

Right Out: 700.479 $\pm$ 0.347 χ^2 /NDF: 8663513.3/17

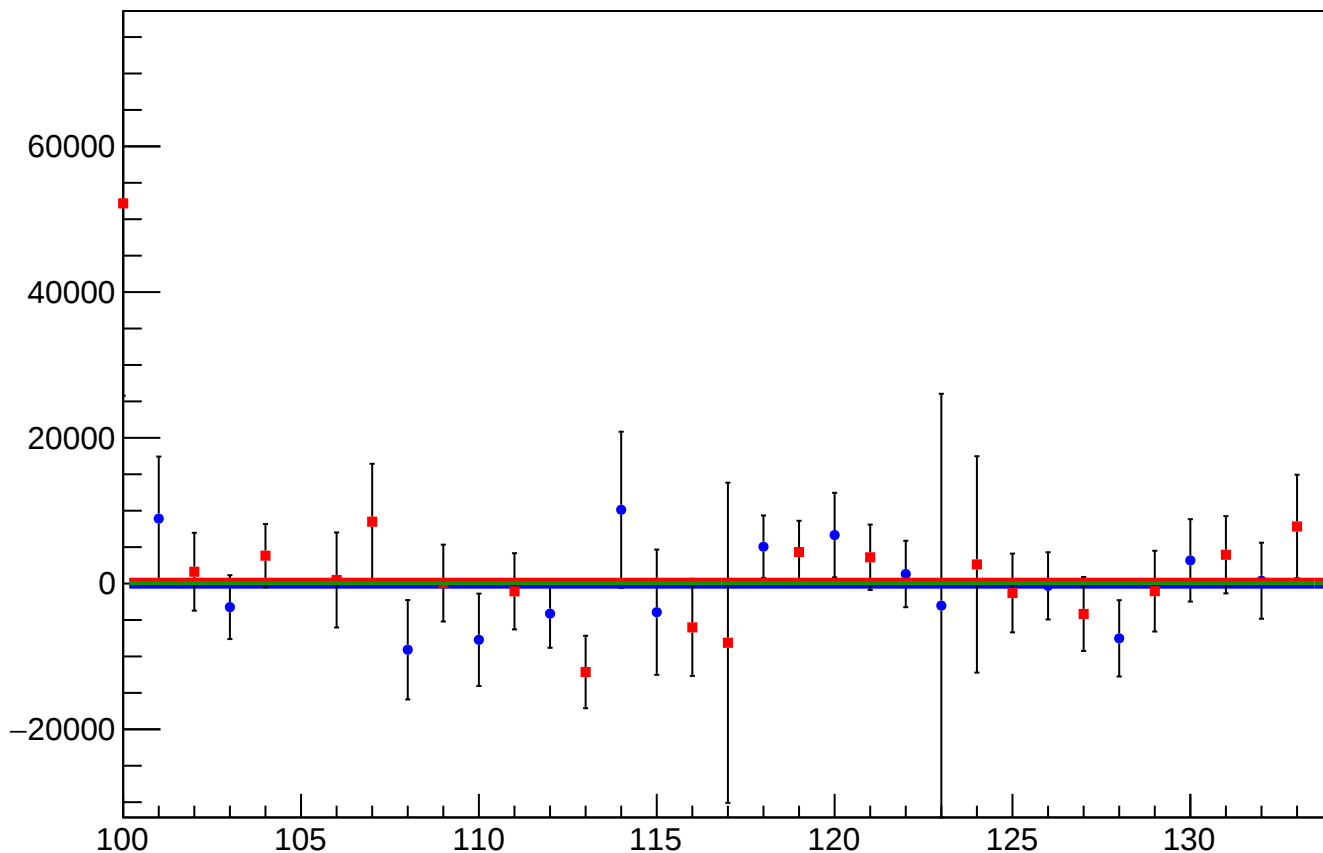
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1265.940 $\pm$ 0.540 χ^2 /NDF: 6054304.6/15

865.587 $\pm$ 0.292 χ^2 /NDF: 15494963.4/33

700.479 $\pm$ 0.347 χ^2 /NDF: 8663513.3/17

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -421.379+/-1454.422 χ^2/NDF : 12.0/15

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

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

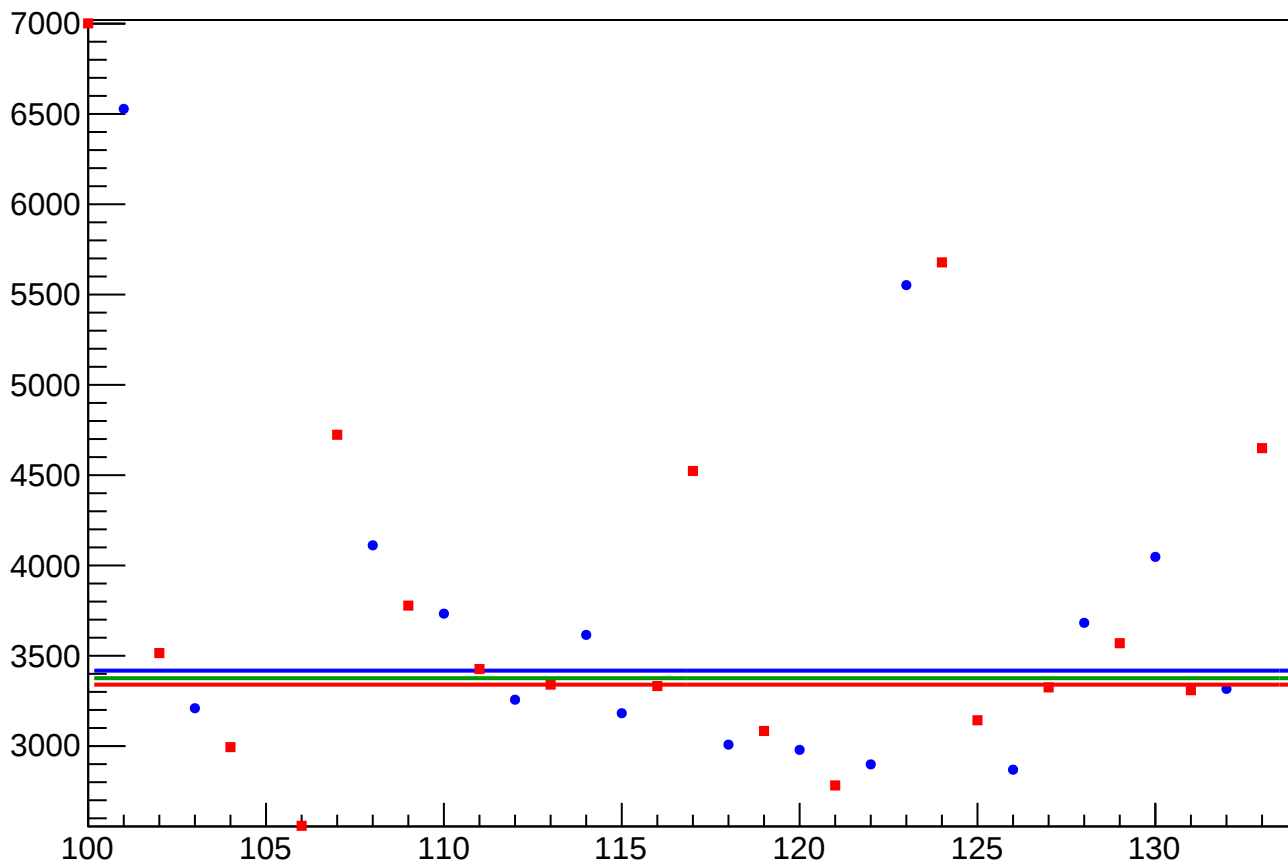
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-421.379+/-1454.422 χ^2/NDF : 12.0/15

84.403+/-995.625 χ^2/NDF : 29.2/33

530.428+/-1365.805 χ^2/NDF : 17.0/17

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3417.607+/-1.028 χ^2/NDF : 463629.4/15

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

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

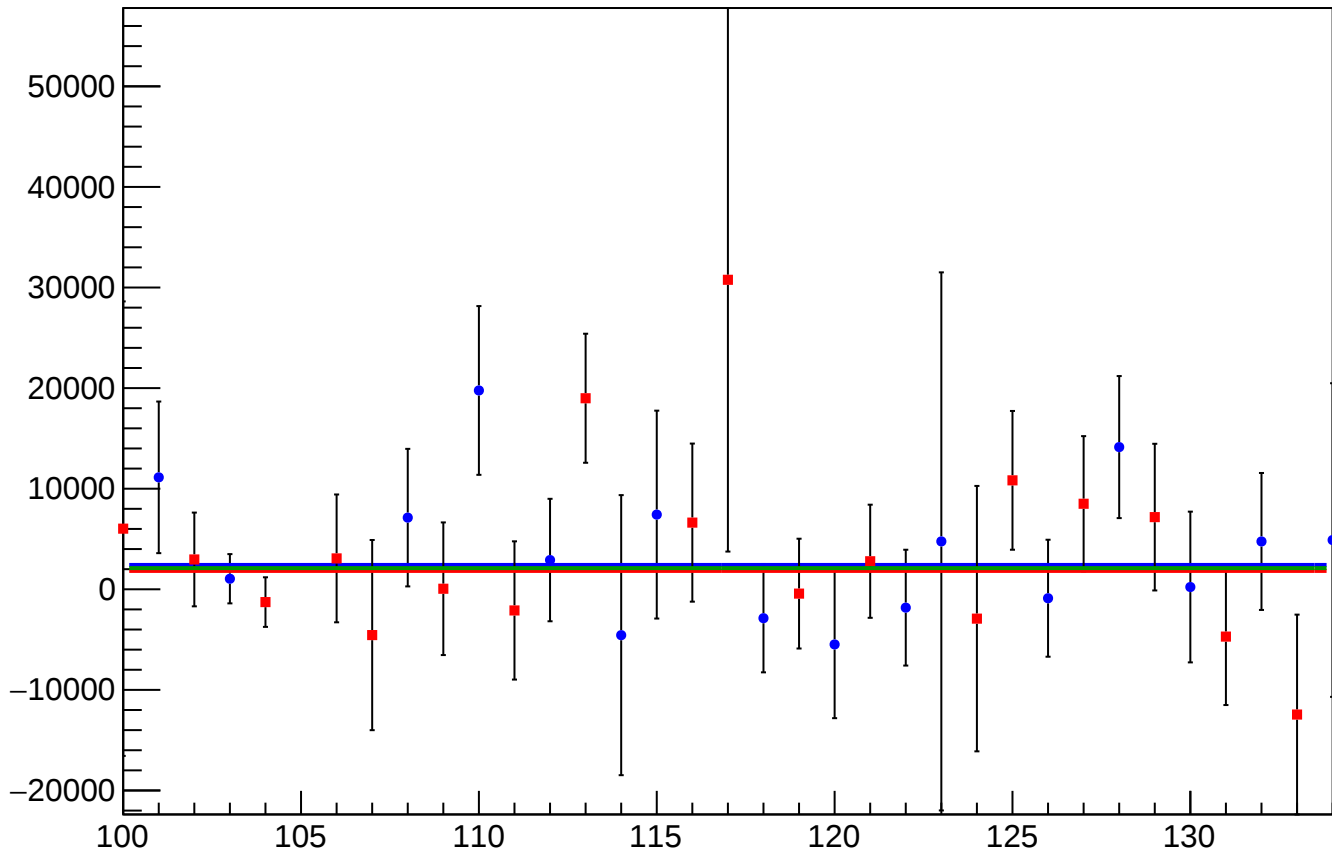
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3417.607+/-1.028 χ^2/NDF : 463629.4/15

3375.897+/-0.699 χ^2/NDF : 809563.2/33

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

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2421.126+/-1508.819 χ^2/NDF : 12.9/15

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

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

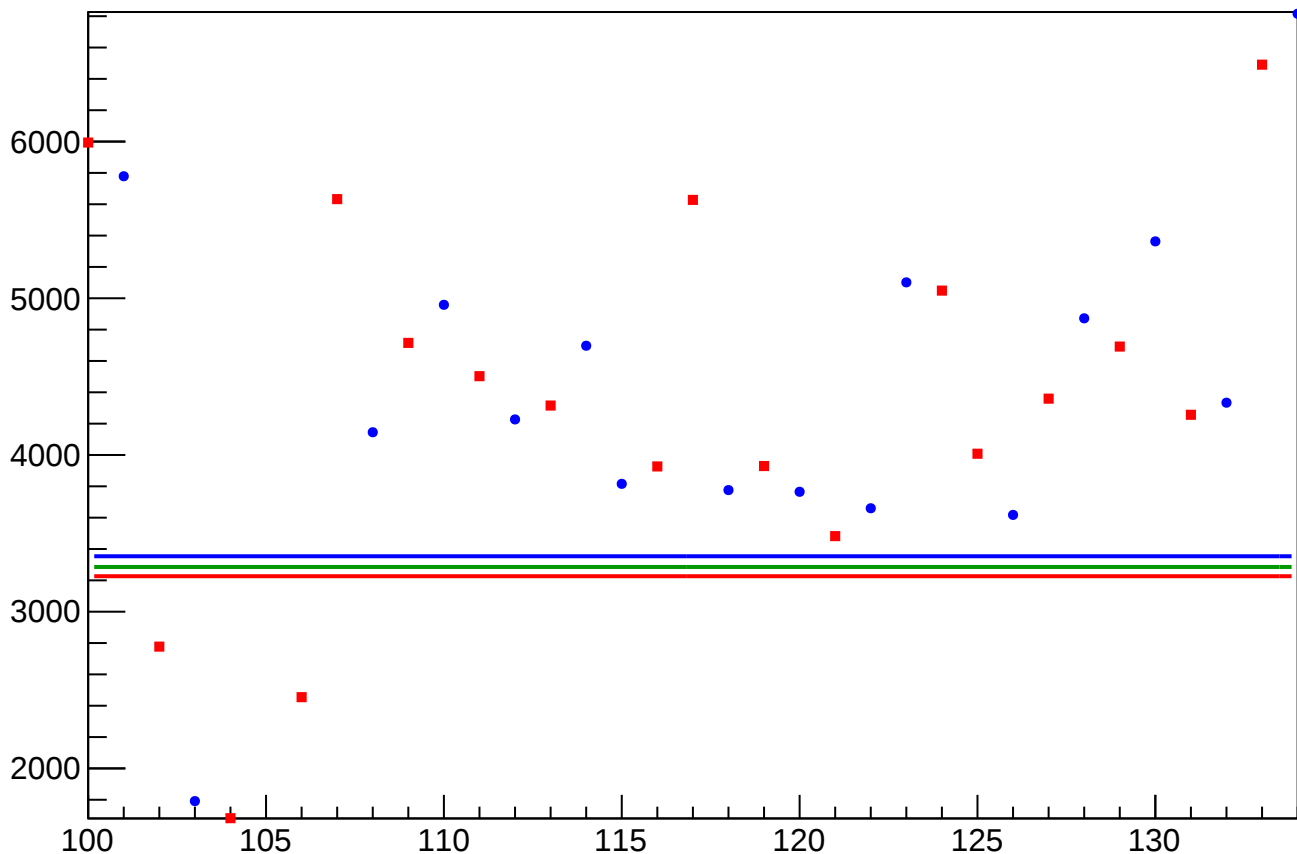
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2421.126+/-1508.819 χ^2/NDF : 12.9/15

2105.159+/-1032.279 χ^2/NDF : 30.8/33

1827.113+/-1415.384 χ^2/NDF : 17.8/17

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3353.769+/-1.067 χ^2/NDF : 1598271.2/15

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

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

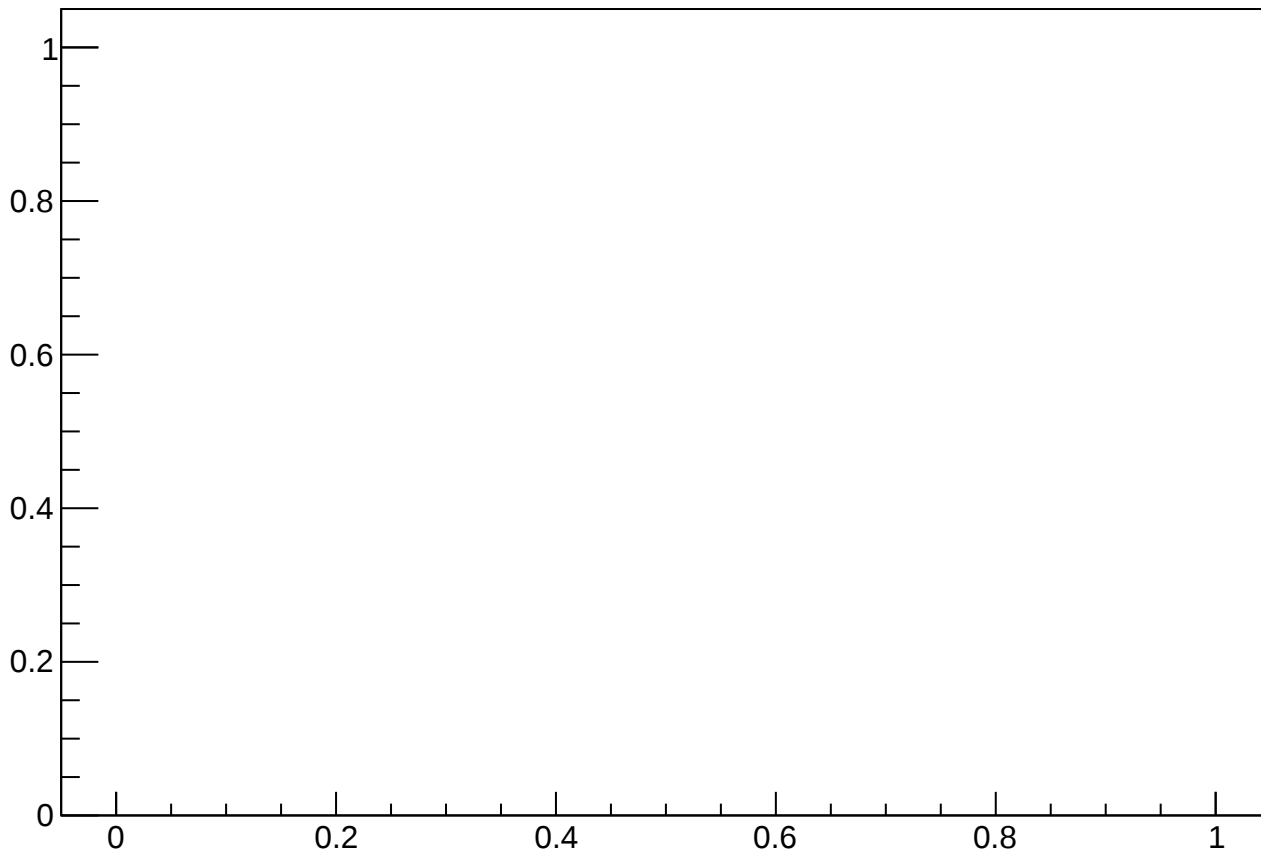
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3353.769+/-1.067 χ^2/NDF : 1598271.2/15

3285.408+/-0.726 χ^2/NDF : 3370579.1/33

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

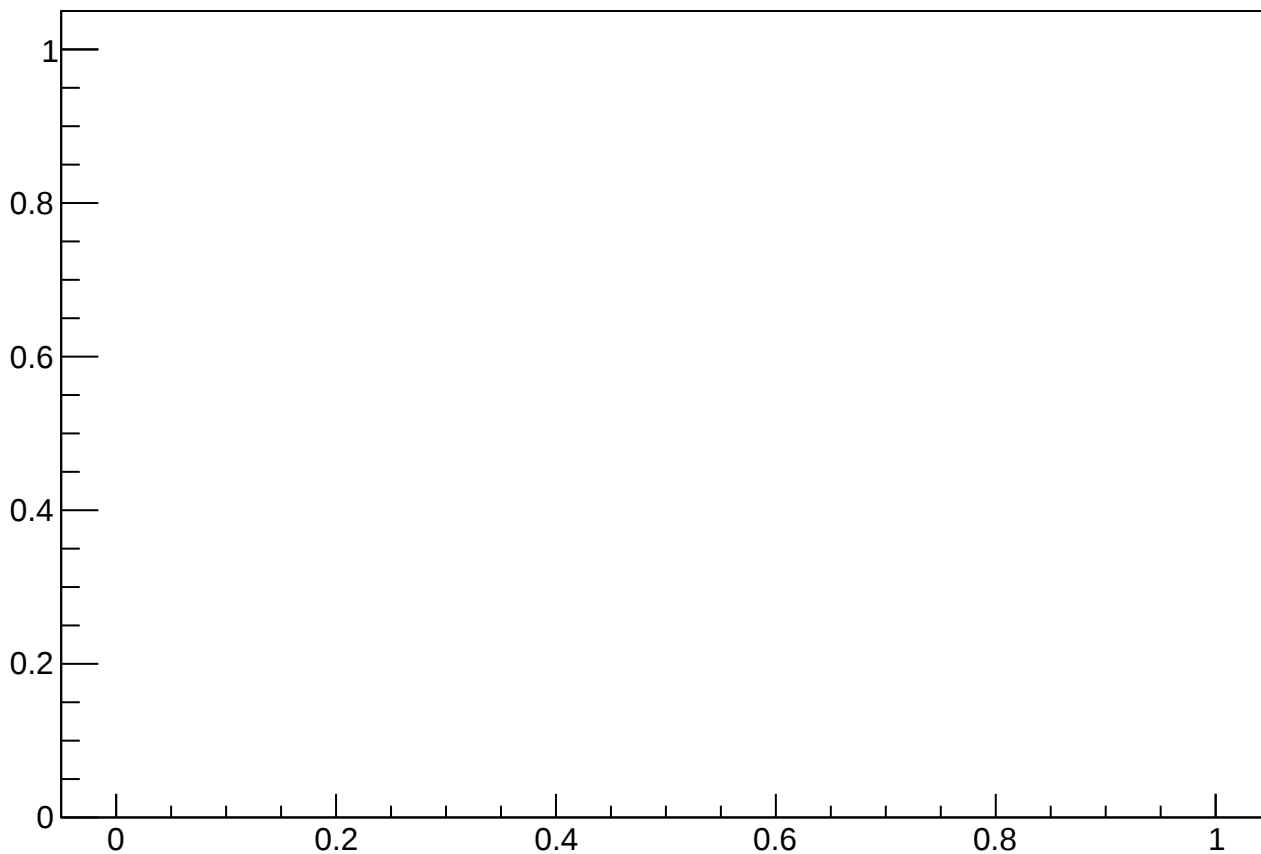
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

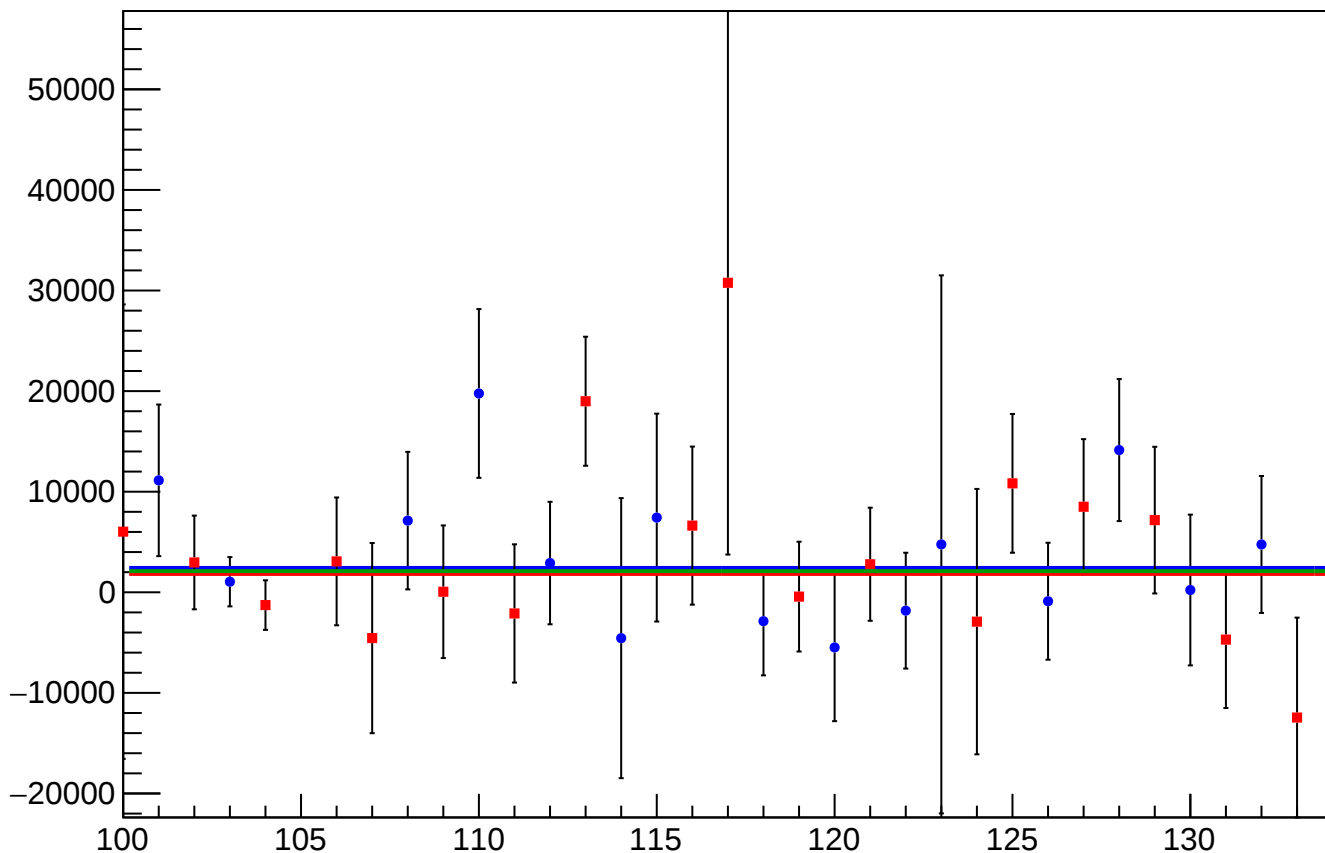
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 2421.126+/-1508.819 χ^2/NDF : 12.9/15

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

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

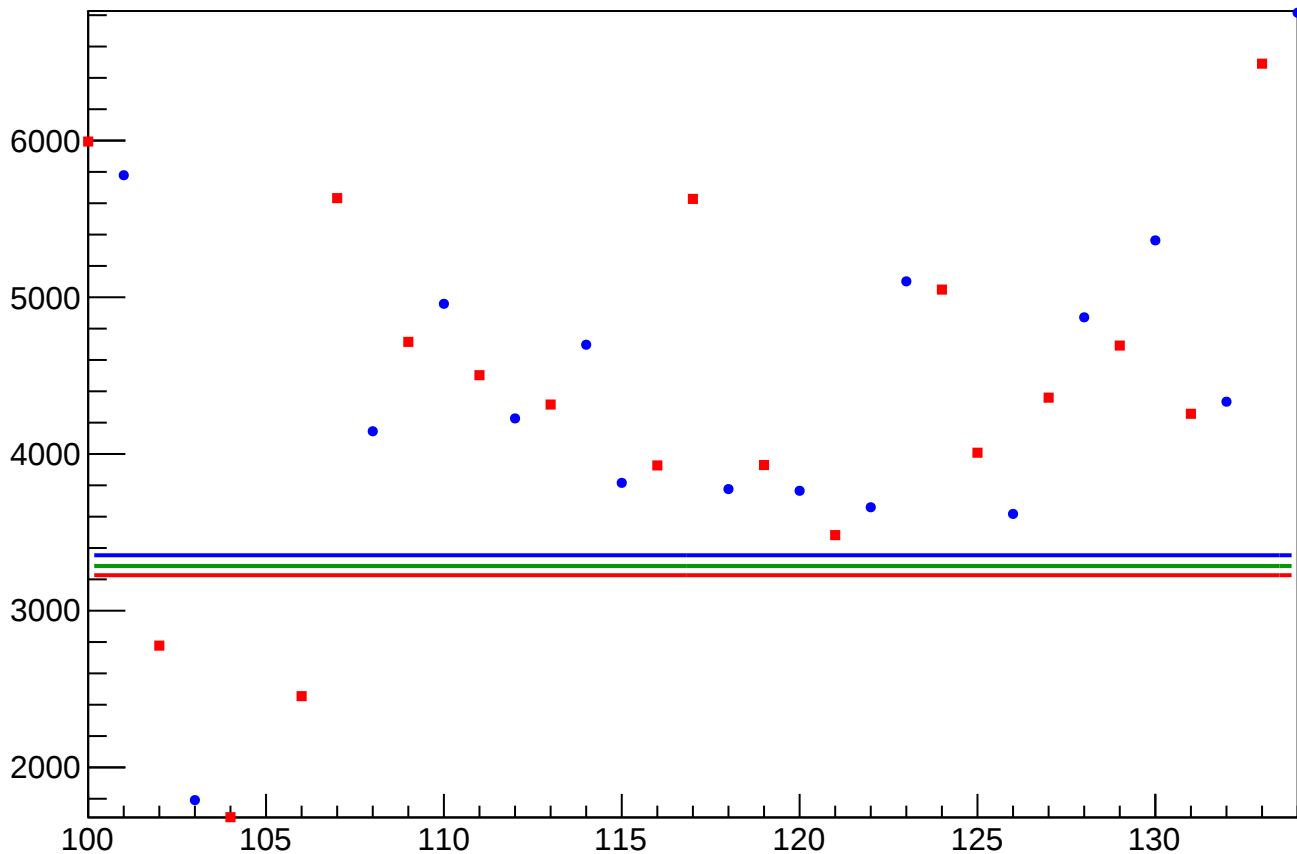
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2421.126+/-1508.819 χ^2/NDF : 12.9/15

2105.159+/-1032.279 χ^2/NDF : 30.8/33

1827.113+/-1415.384 χ^2/NDF : 17.8/17

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3353.769+/-1.067 χ^2/NDF : 1598271.2/15

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

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

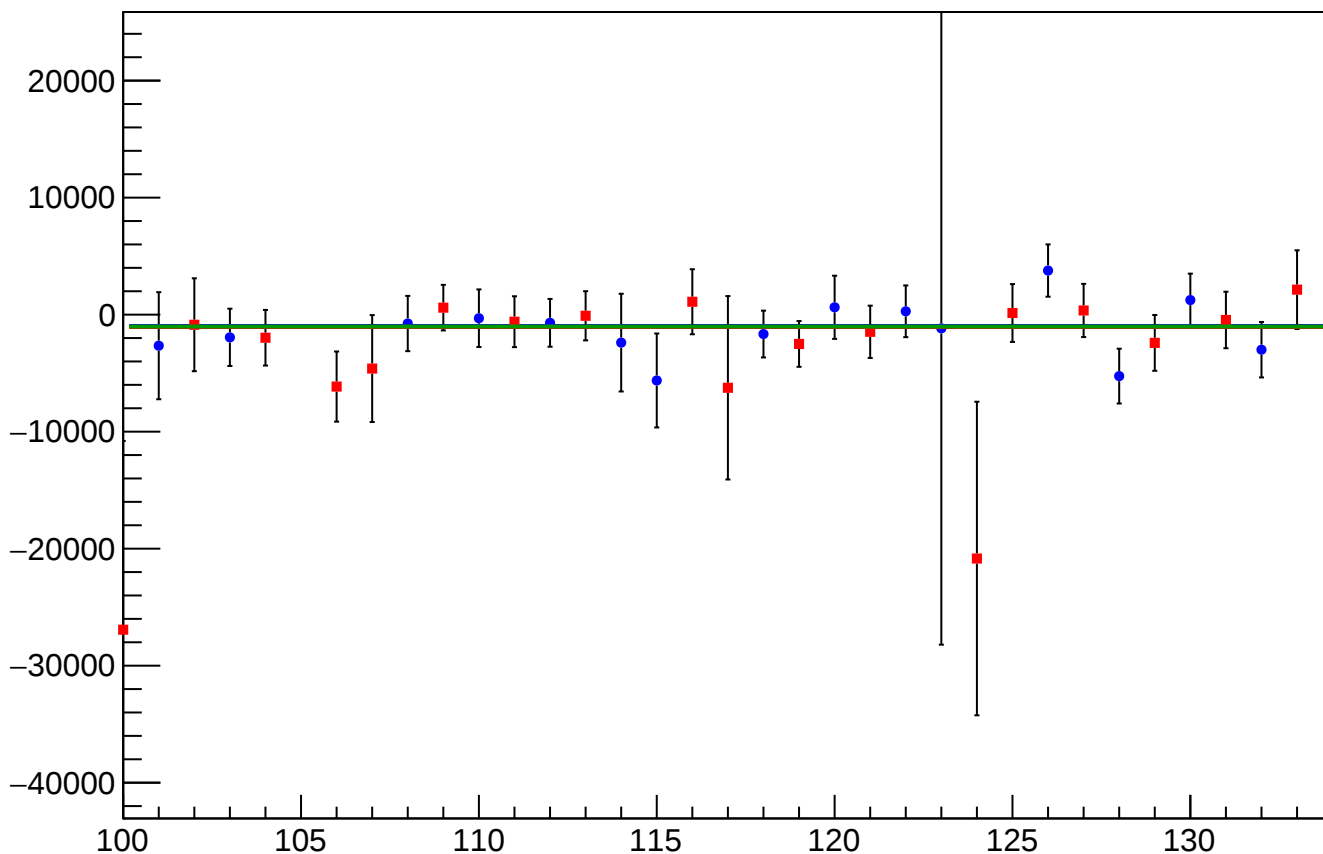
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3353.769+/-1.067 χ^2/NDF : 1598271.2/15

3285.408+/-0.726 χ^2/NDF : 3370579.1/33

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

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -970.291+/-658.221 χ^2 /NDF: 12.7/15

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

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

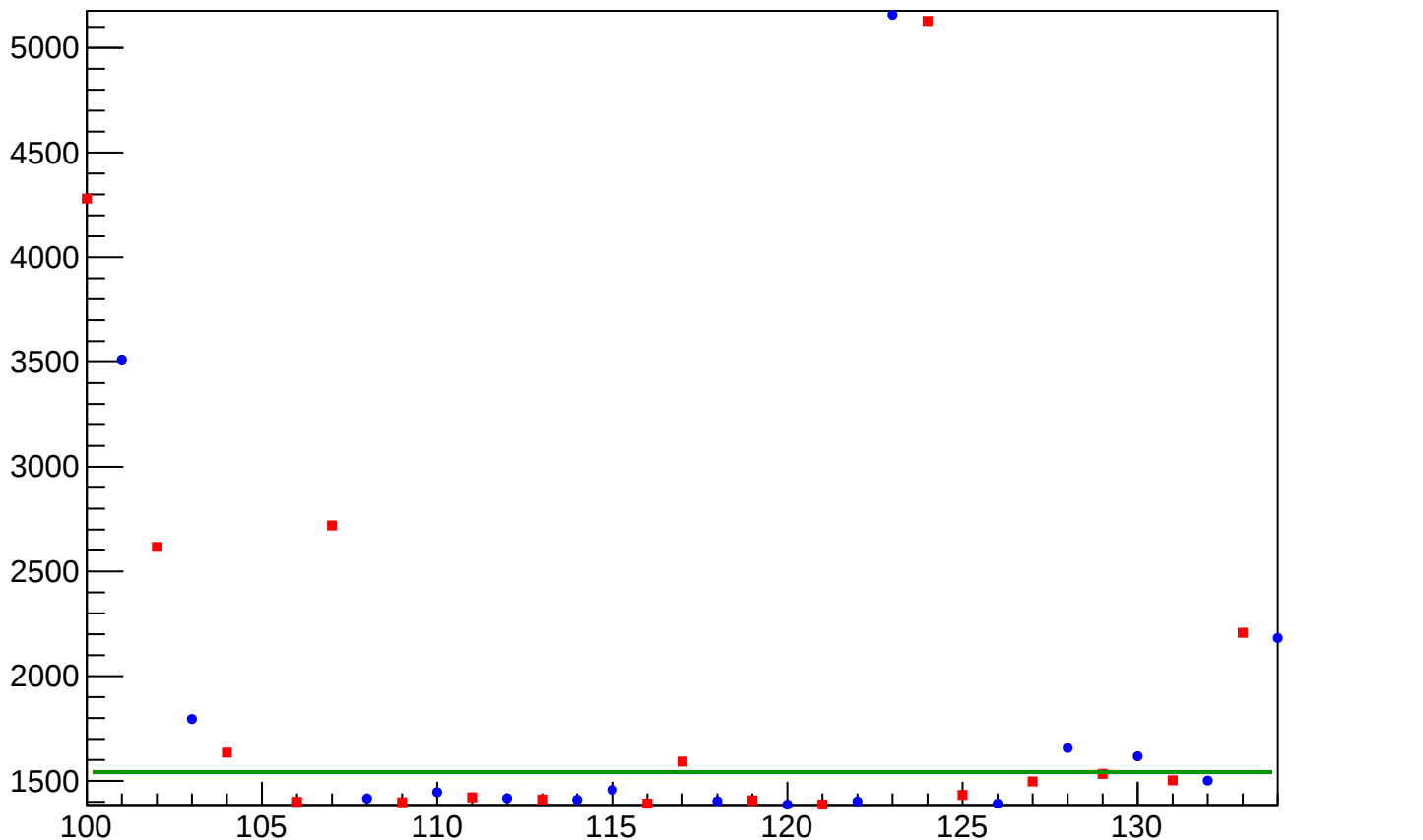
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-970.291+/-658.221 χ^2 /NDF: 12.7/15

-1014.374+/-455.526 χ^2 /NDF: 25.6/33

-1054.894+/-631.058 χ^2 /NDF: 12.9/17

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1541.626+/-0.465 χ^2/NDF : 519511.6/15

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

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

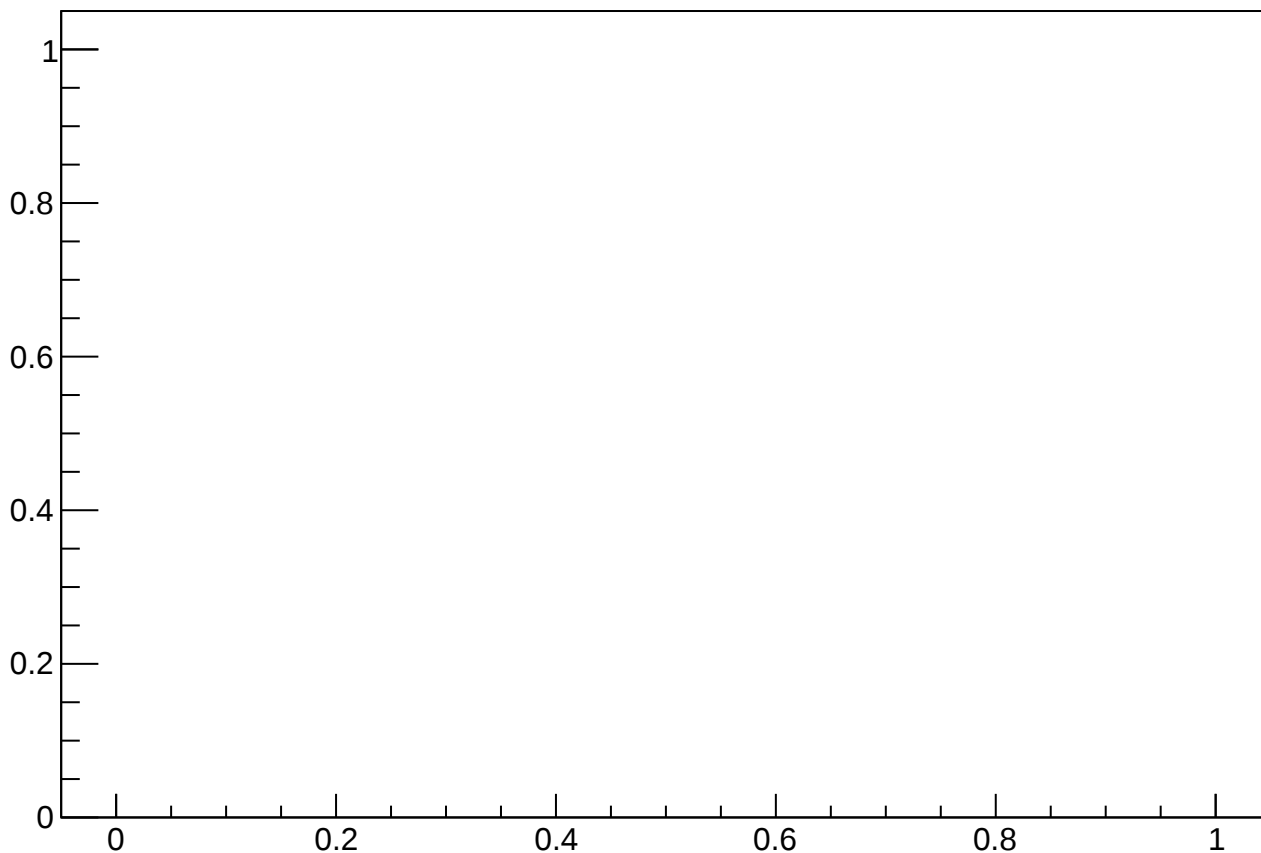
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1541.626+/-0.465 χ^2/NDF : 519511.6/15

1542.165+/-0.322 χ^2/NDF : 1140875.5/33

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

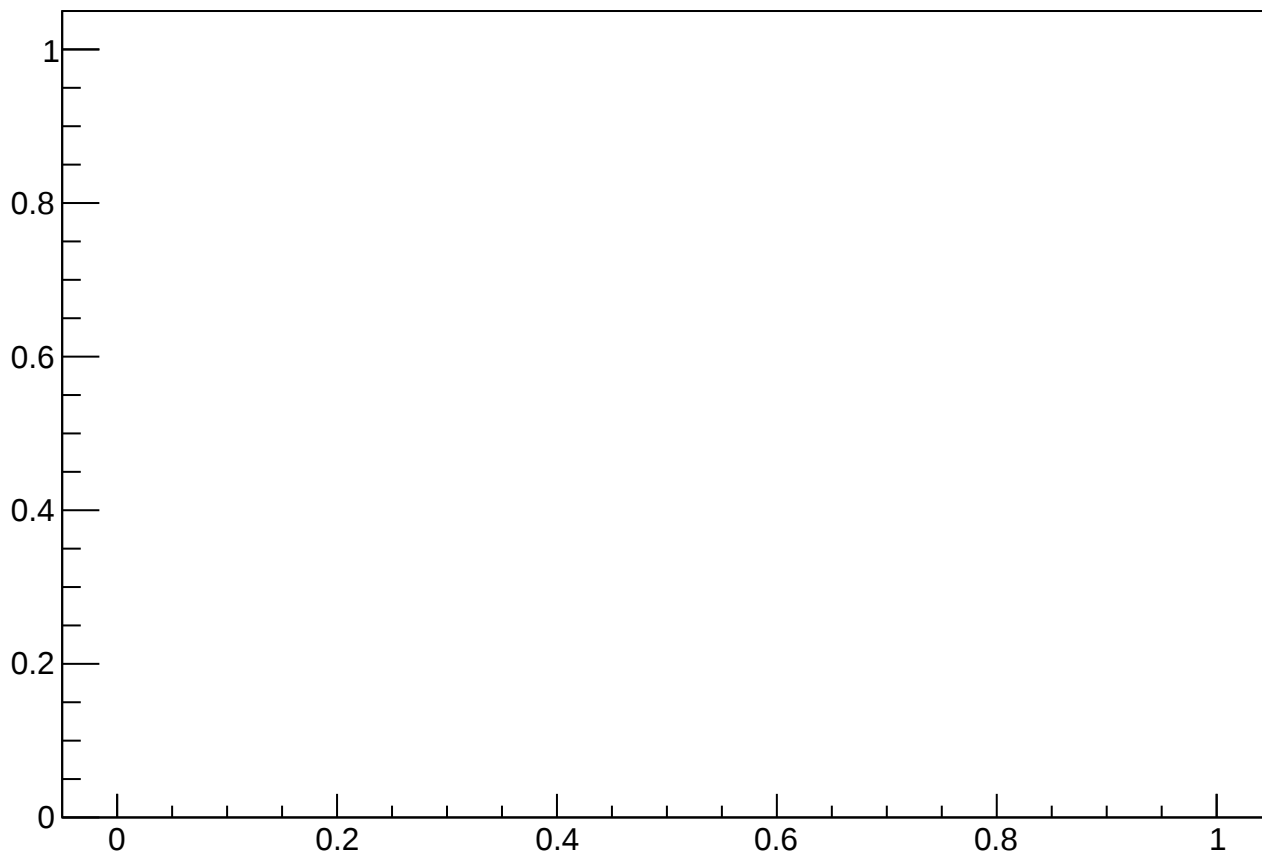
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

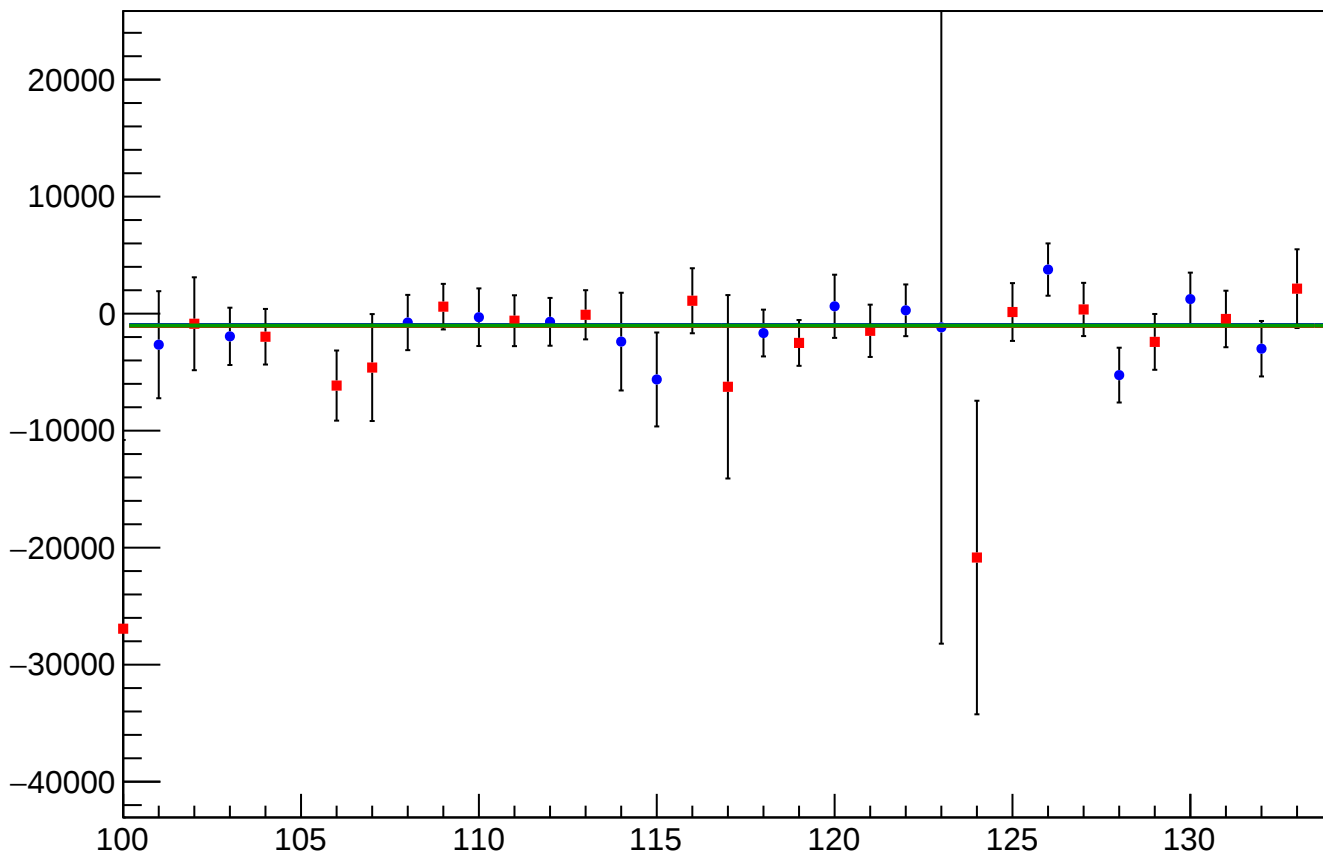
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -970.291+/-658.221 χ^2/NDF : 12.7/15

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

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

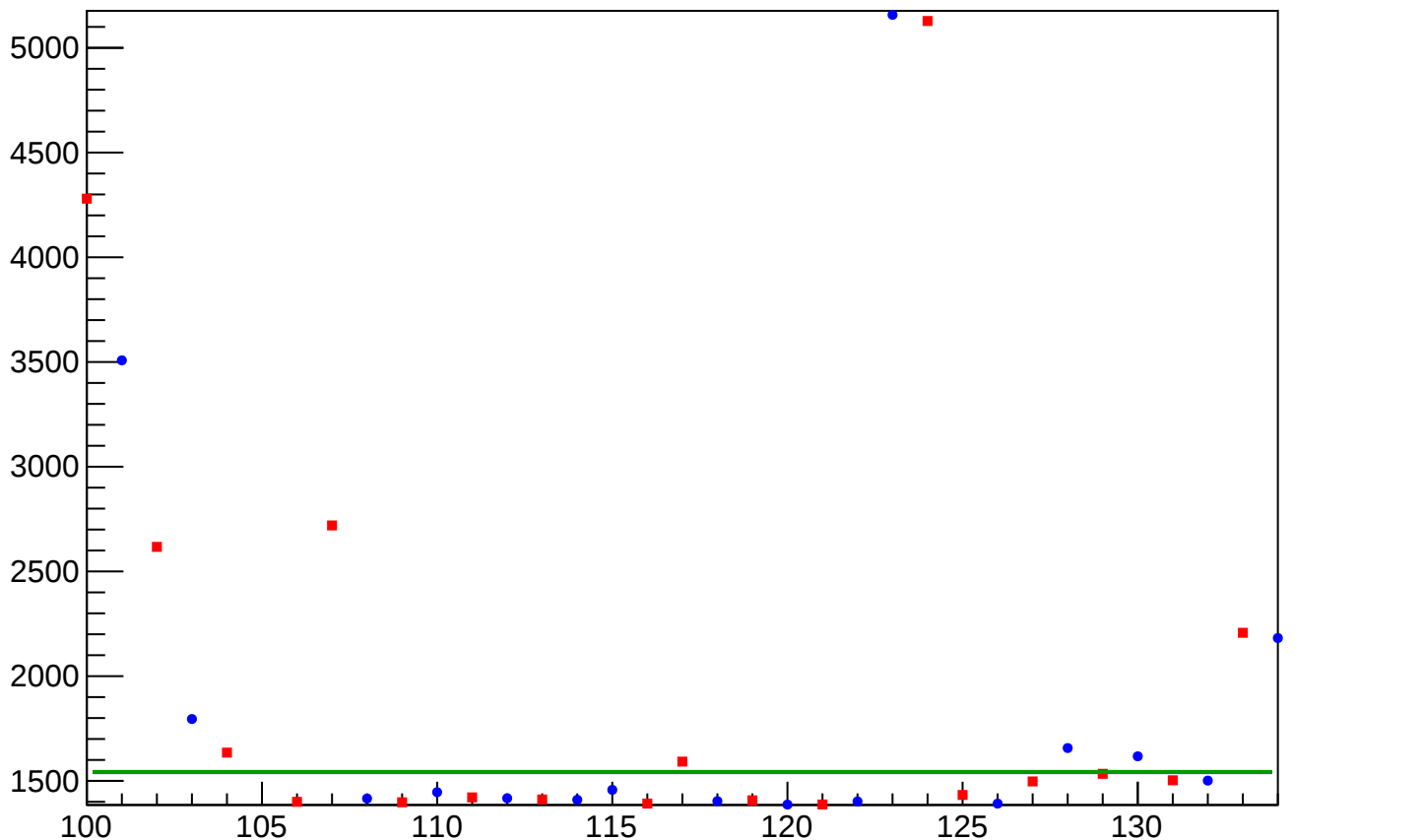
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-970.291+/-658.221 χ^2/NDF : 12.7/15

-1014.374+/-455.526 χ^2/NDF : 25.6/33

-1054.894+/-631.058 χ^2/NDF : 12.9/17

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1541.626+/-0.465 χ^2/NDF : 519511.6/15

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

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

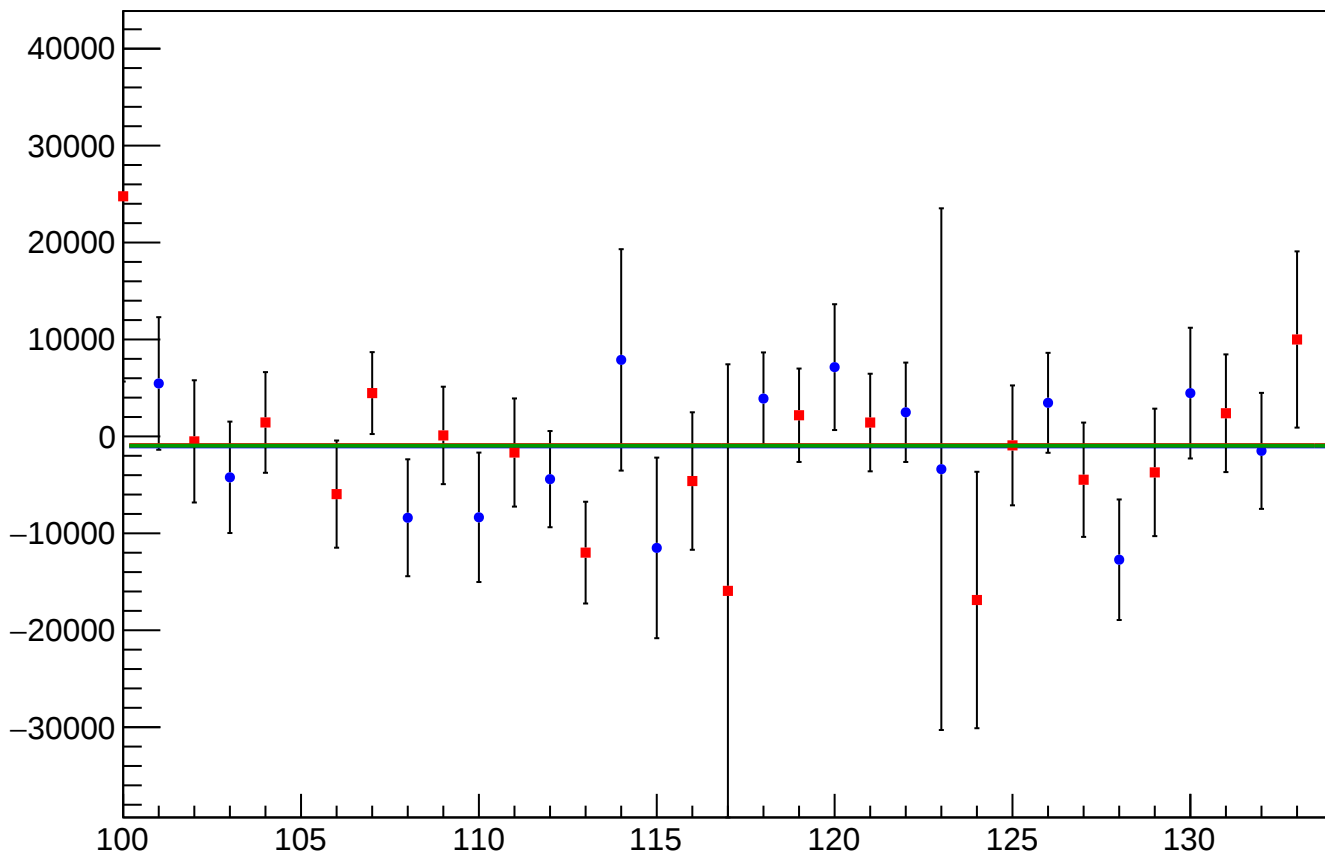
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1541.626+/-0.465 χ^2/NDF : 519511.6/15

1542.165+/-0.322 χ^2/NDF : 1140875.5/33

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

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1026.995+/-1607.404 χ^2/NDF : 14.3/15

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

Right Out: -900.909+/-1430.124 χ^2/NDF : 14.0/17

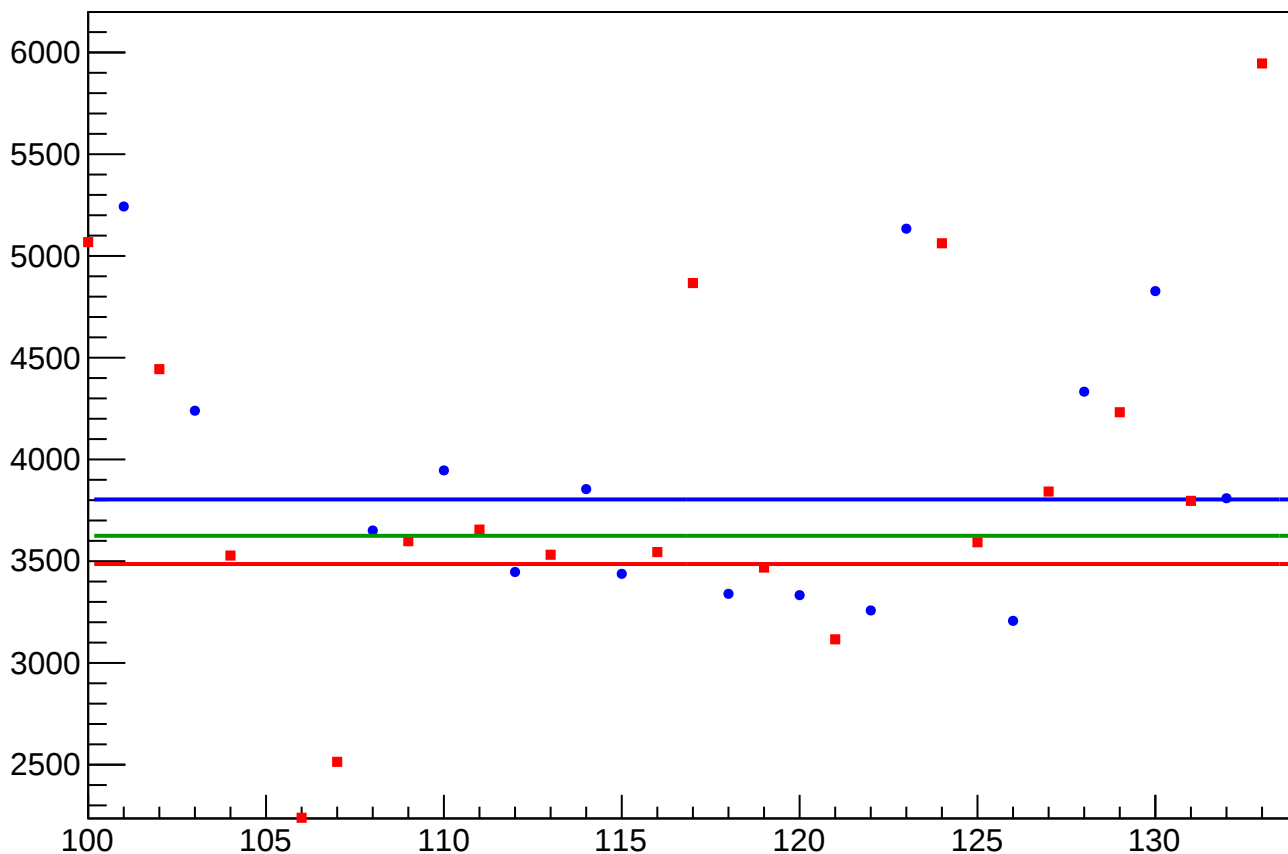
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1026.995+/-1607.404 χ^2/NDF : 14.3/15

-956.618+/-1068.452 χ^2/NDF : 28.4/33

-900.909+/-1430.124 χ^2/NDF : 14.0/17

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3803.473+/-1.137 χ^2/NDF : 317028.8/15

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

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

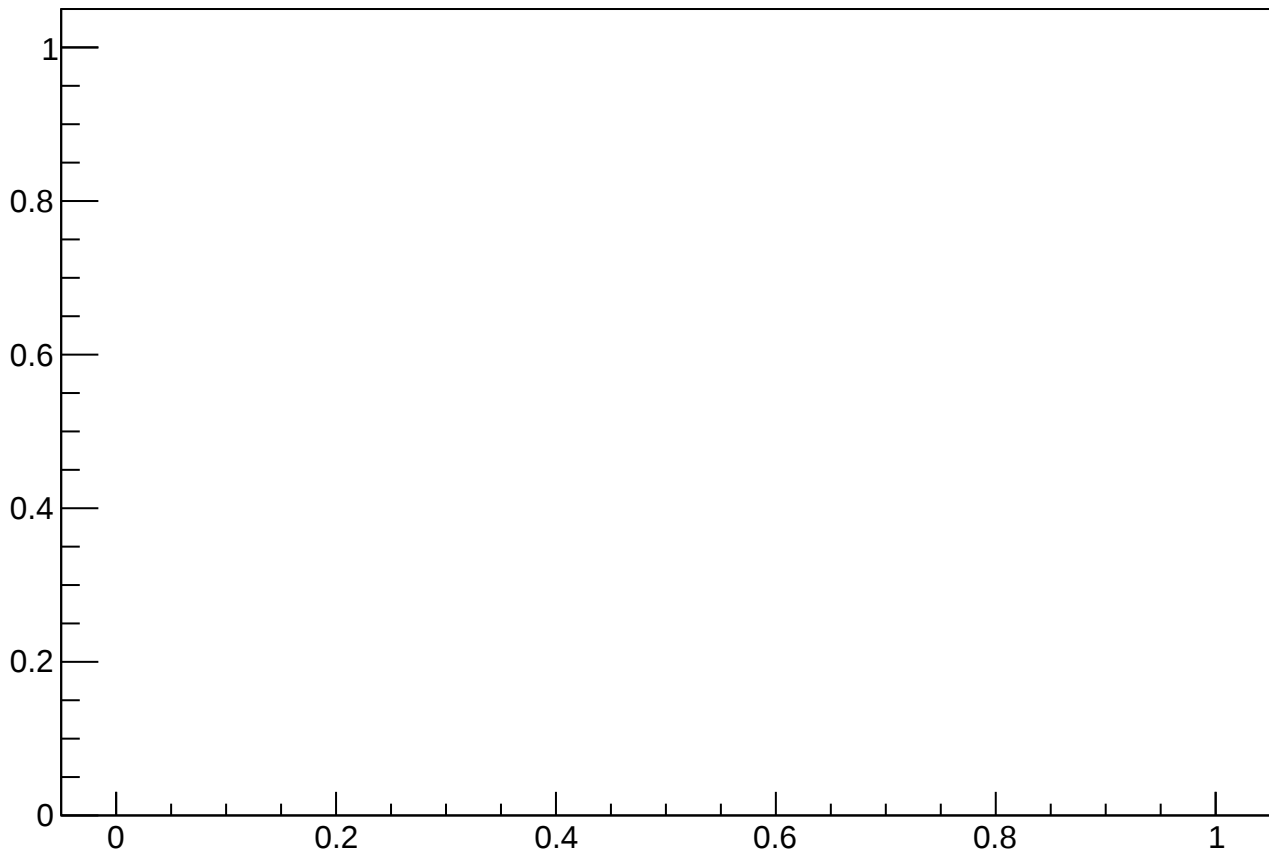
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3803.473+/-1.137 χ^2/NDF : 317028.8/15

3624.815+/-0.751 χ^2/NDF : 893212.9/33

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

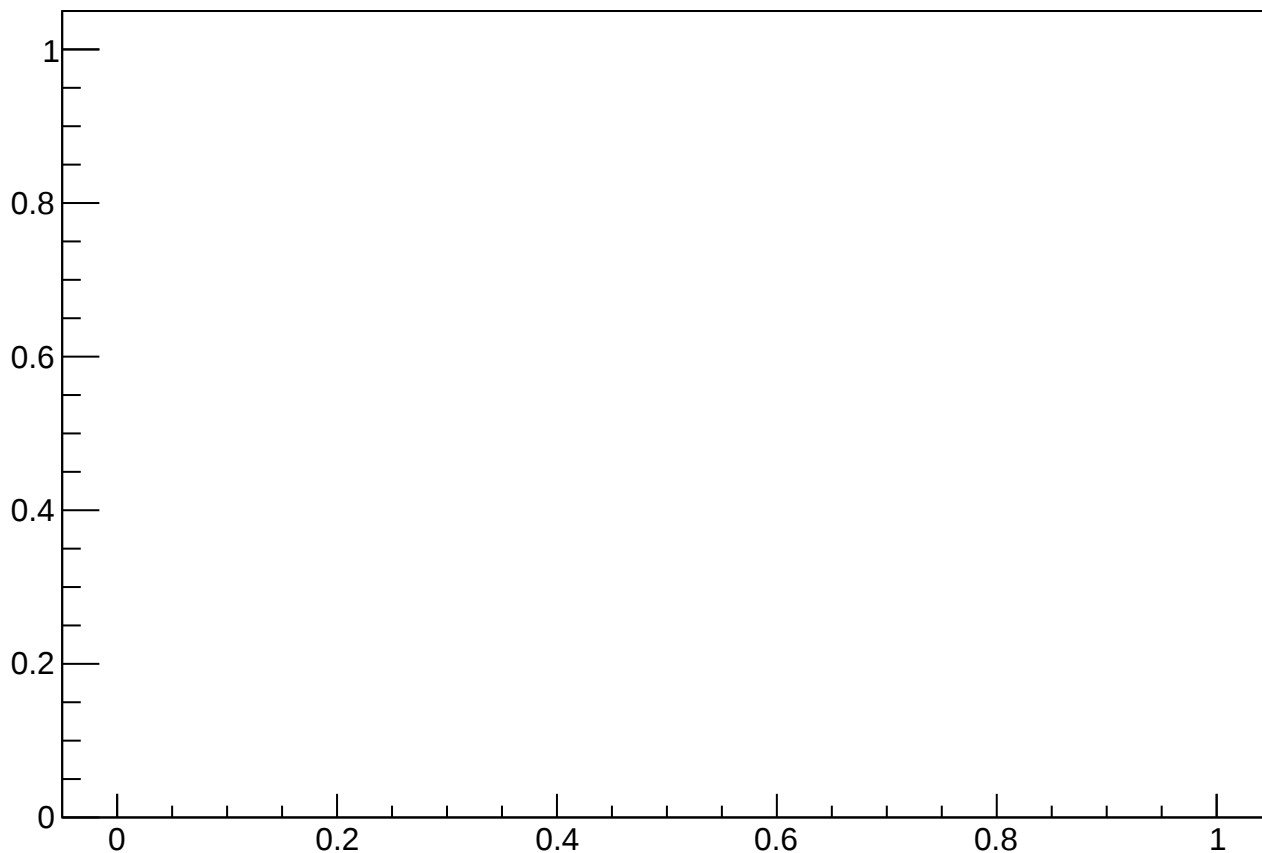
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

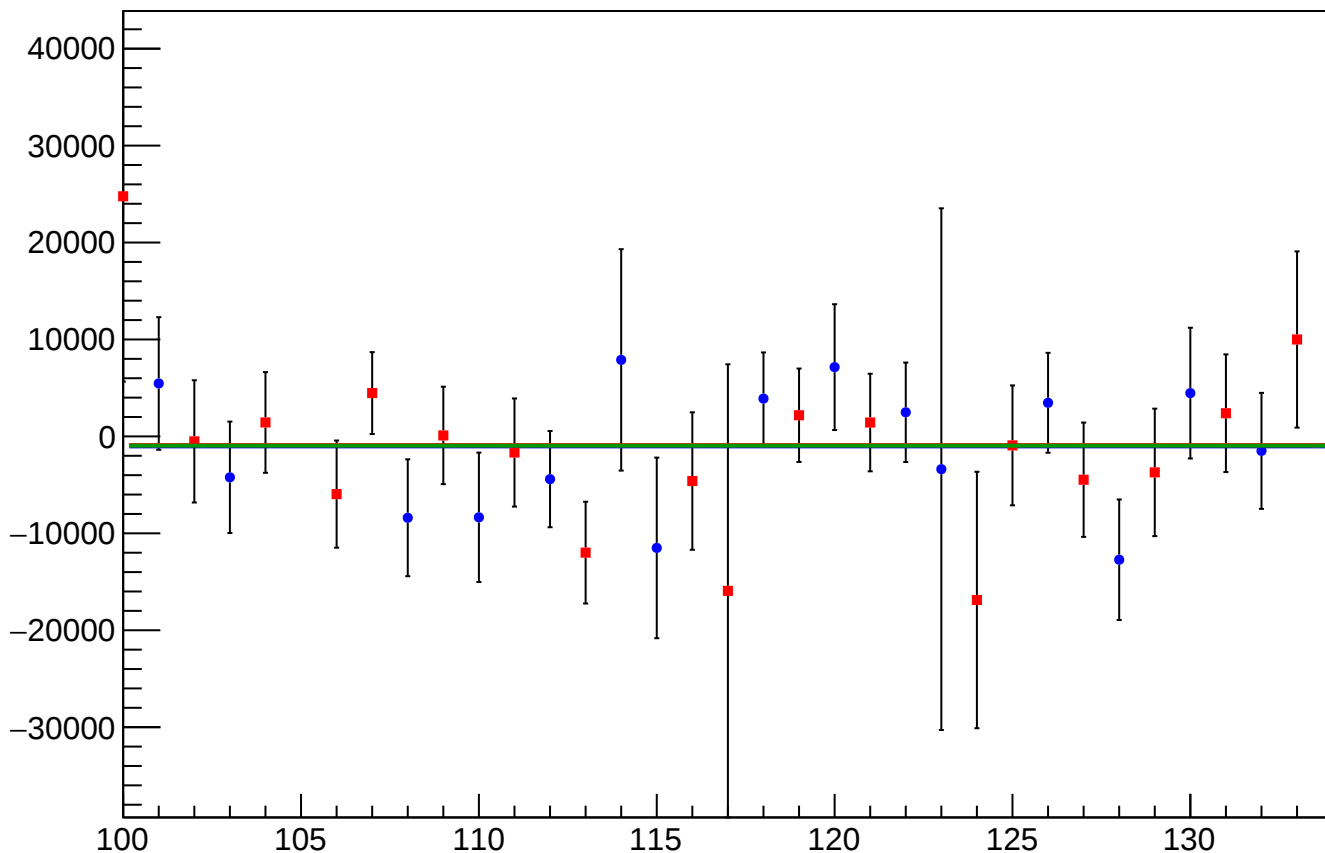
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1026.995+/-1607.404 χ^2/NDF : 14.3/15

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

Right Out: -900.909+/-1430.124 χ^2/NDF : 14.0/17

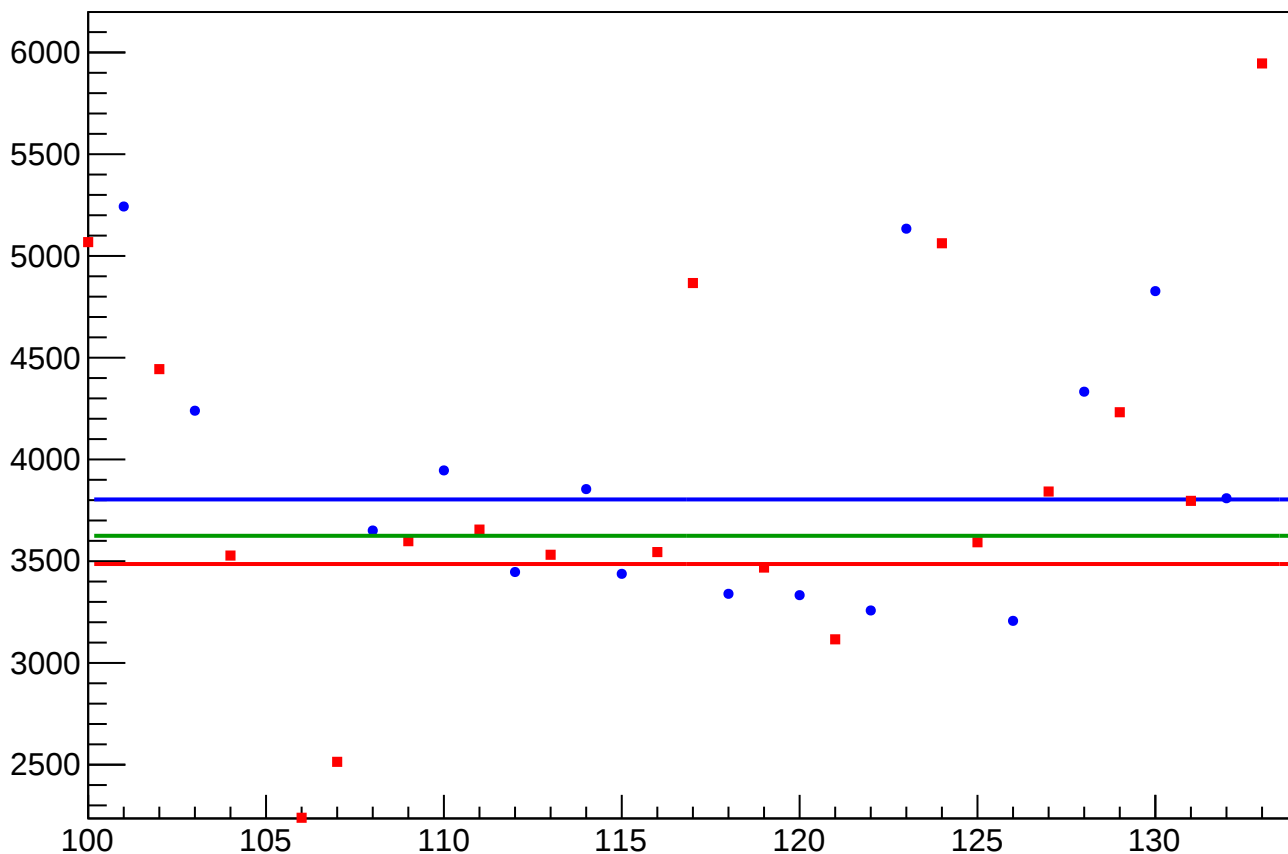
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1026.995+/-1607.404 χ^2/NDF : 14.3/15

-956.618+/-1068.452 χ^2/NDF : 28.4/33

-900.909+/-1430.124 χ^2/NDF : 14.0/17

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3803.473+/-1.137 χ^2/NDF : 317028.8/15

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

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

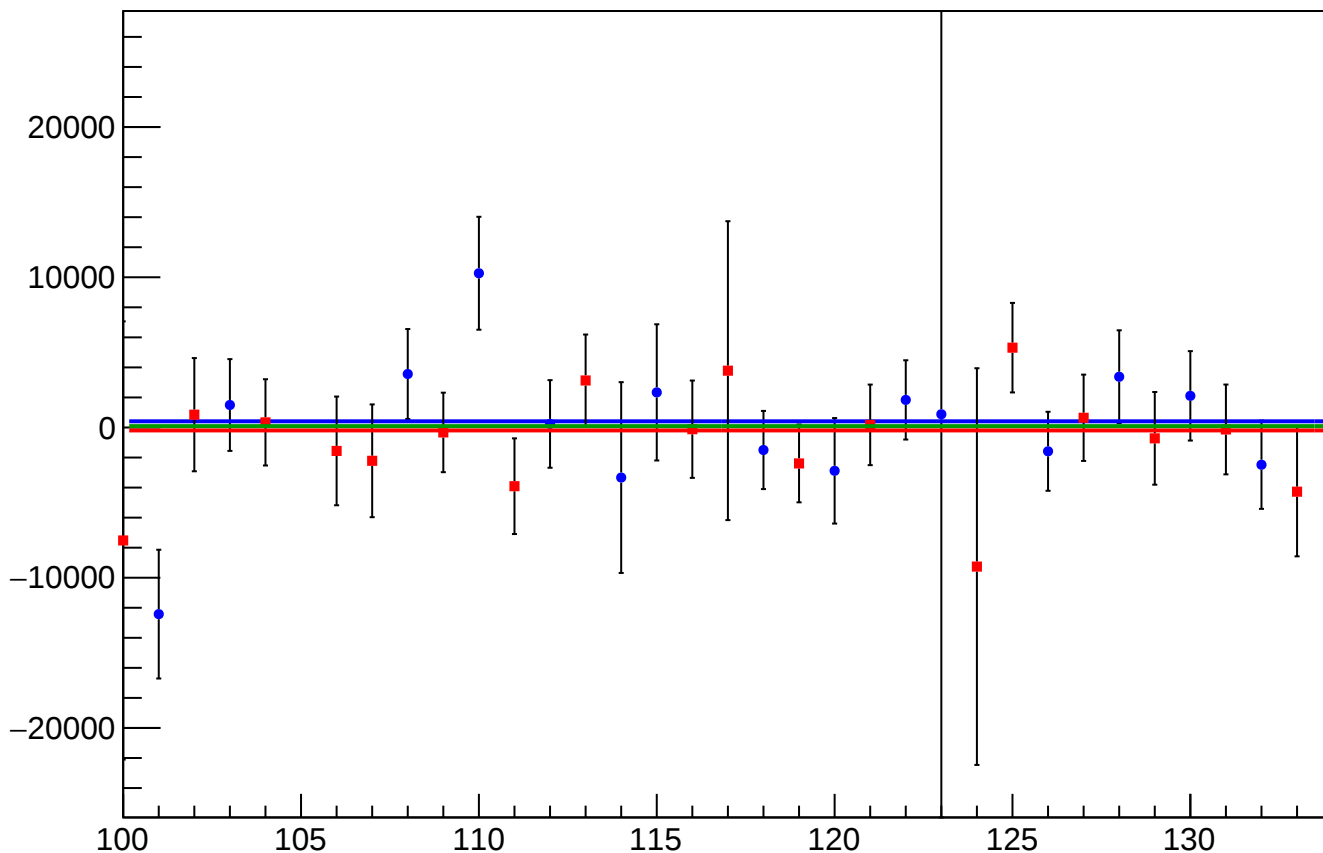
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3803.473+/-1.137 χ^2/NDF : 317028.8/15

3624.815+/-0.751 χ^2/NDF : 893212.9/33

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

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.988+/-839.092 χ^2/NDF : 22.1/15

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

Right Out: -194.411+/-791.491 χ^2/NDF : 9.1/17

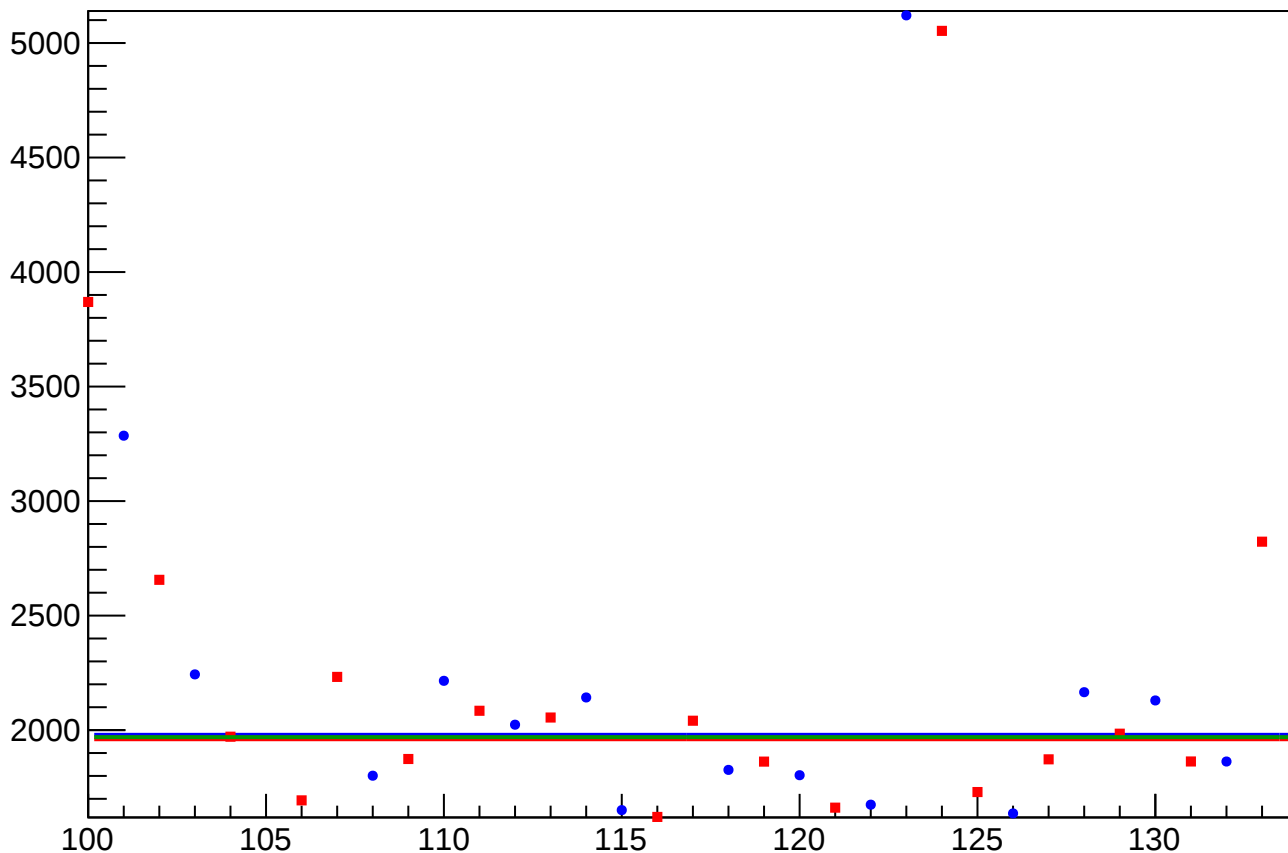
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

411.988+/-839.092 χ^2/NDF : 22.1/15

91.101+/-575.761 χ^2/NDF : 31.5/33

-194.411+/-791.491 χ^2/NDF : 9.1/17

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1979.395+/-0.593 χ^2/NDF : 354698.1/15

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

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

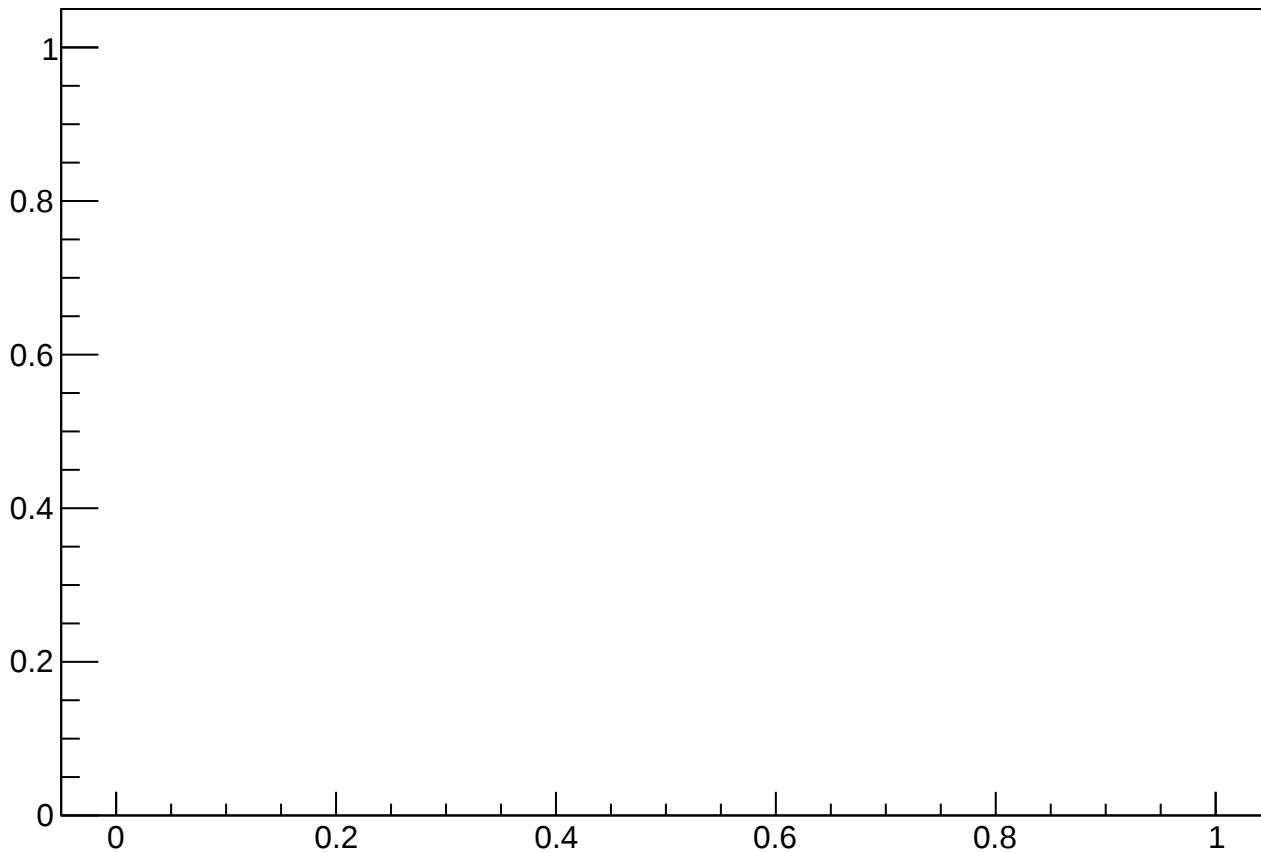
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1979.395+/-0.593 χ^2/NDF : 354698.1/15

1969.273+/-0.407 χ^2/NDF : 742167.8/33

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

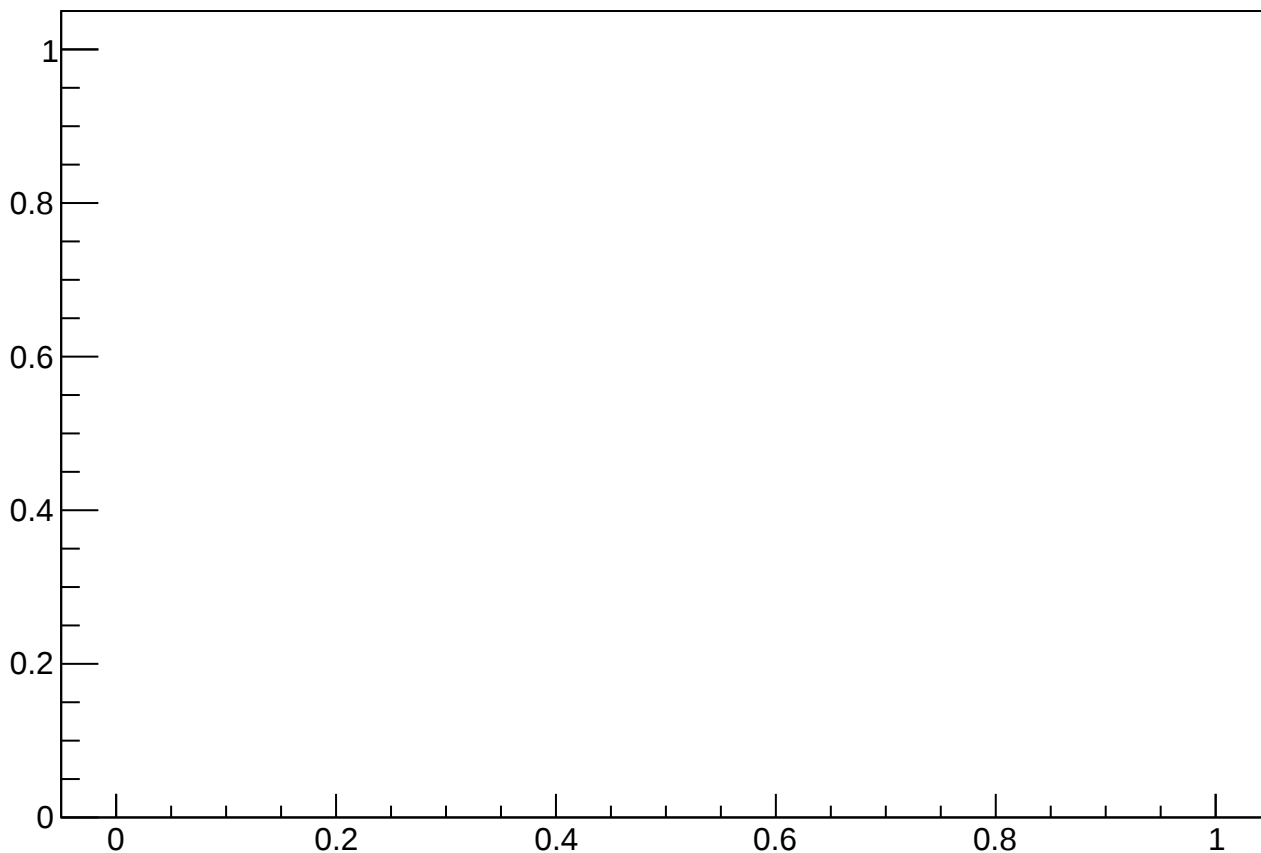
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

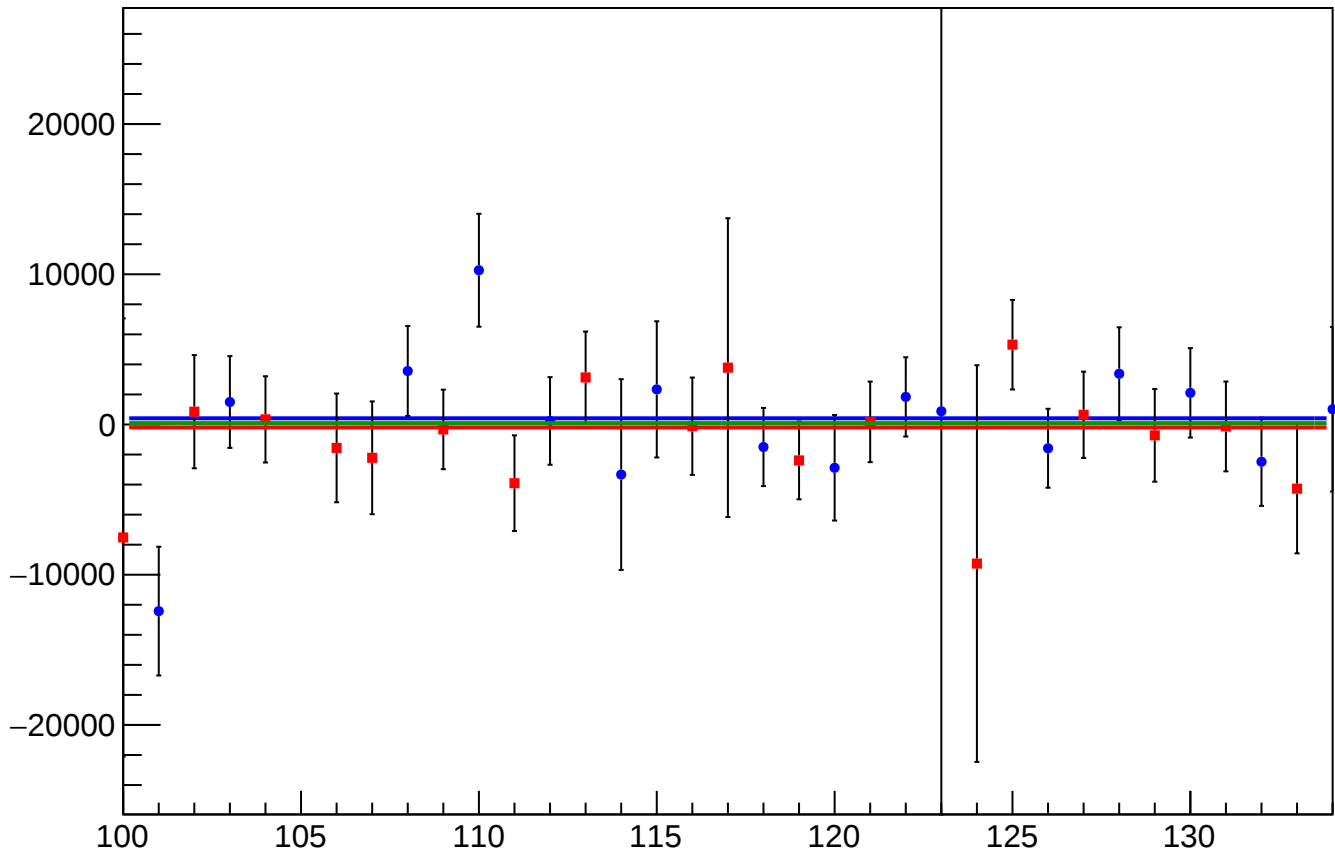
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 411.988+/-839.092 χ^2/NDF : 22.1/15

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

Right Out: -194.411+/-791.491 χ^2/NDF : 9.1/17

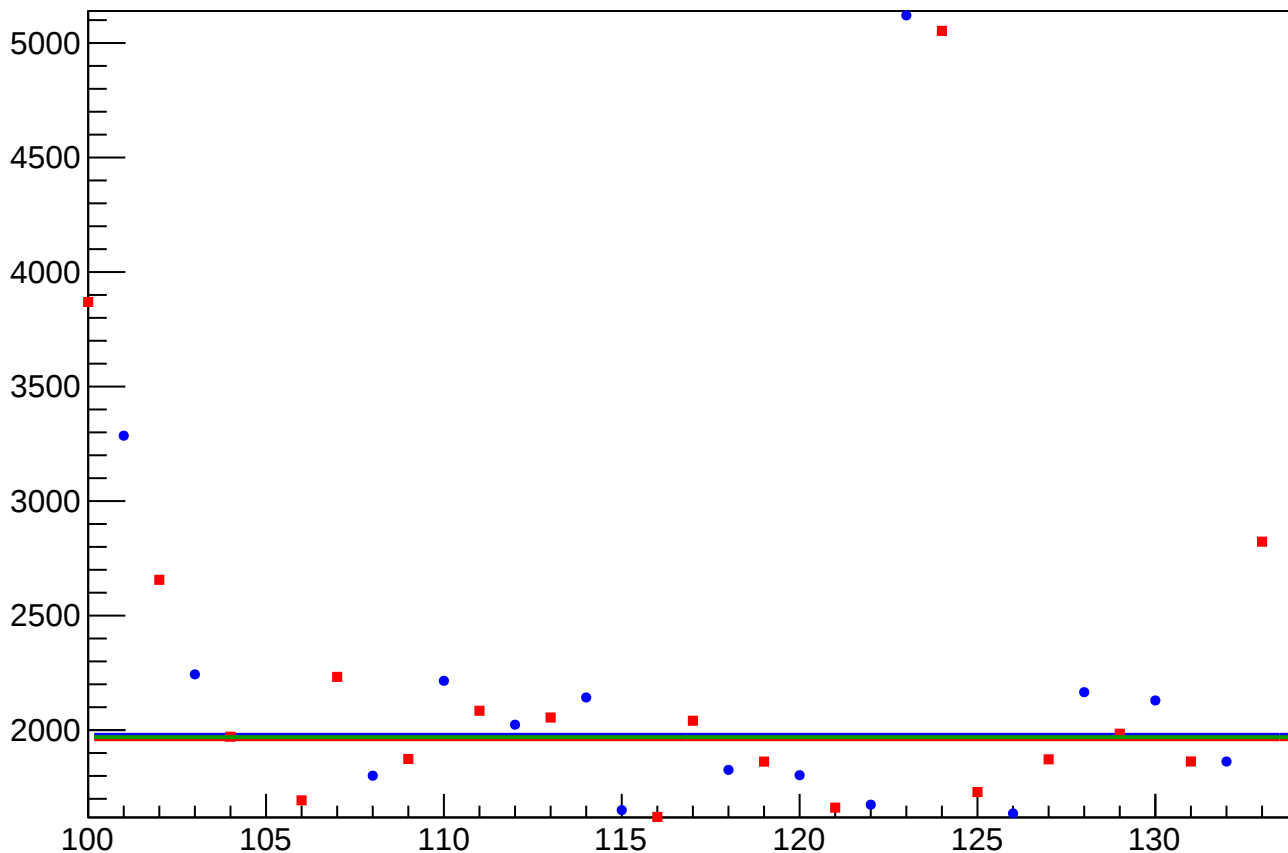
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

411.988+/-839.092 χ^2/NDF : 22.1/15

91.101+/-575.761 χ^2/NDF : 31.5/33

-194.411+/-791.491 χ^2/NDF : 9.1/17

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1979.395+/-0.593 χ^2/NDF : 354698.1/15

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

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

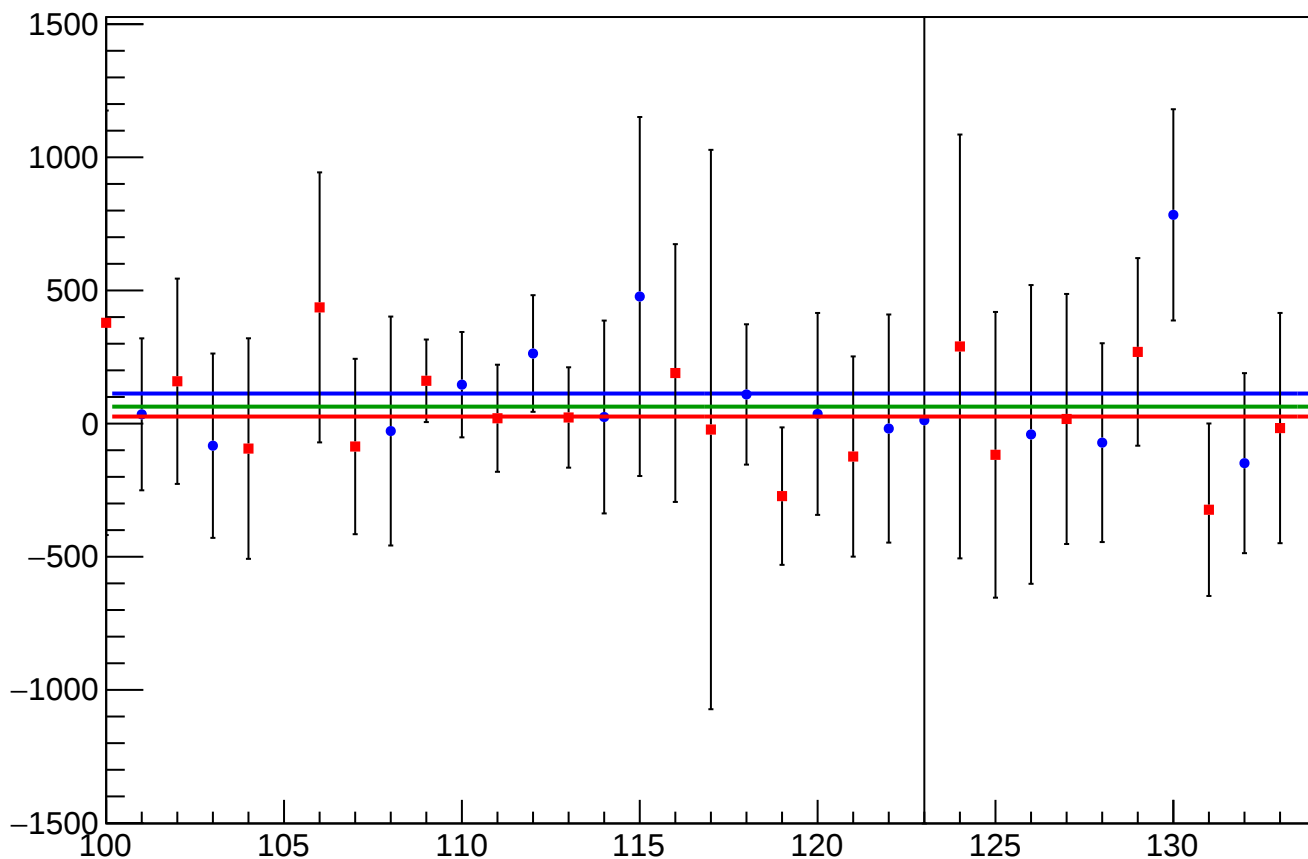
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1979.395+/-0.593 χ^2/NDF : 354698.1/15

1969.273+/-0.407 χ^2/NDF : 742167.8/33

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 112.909 $\pm$ 85.306 χ^2 /NDF: 5.3/15

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

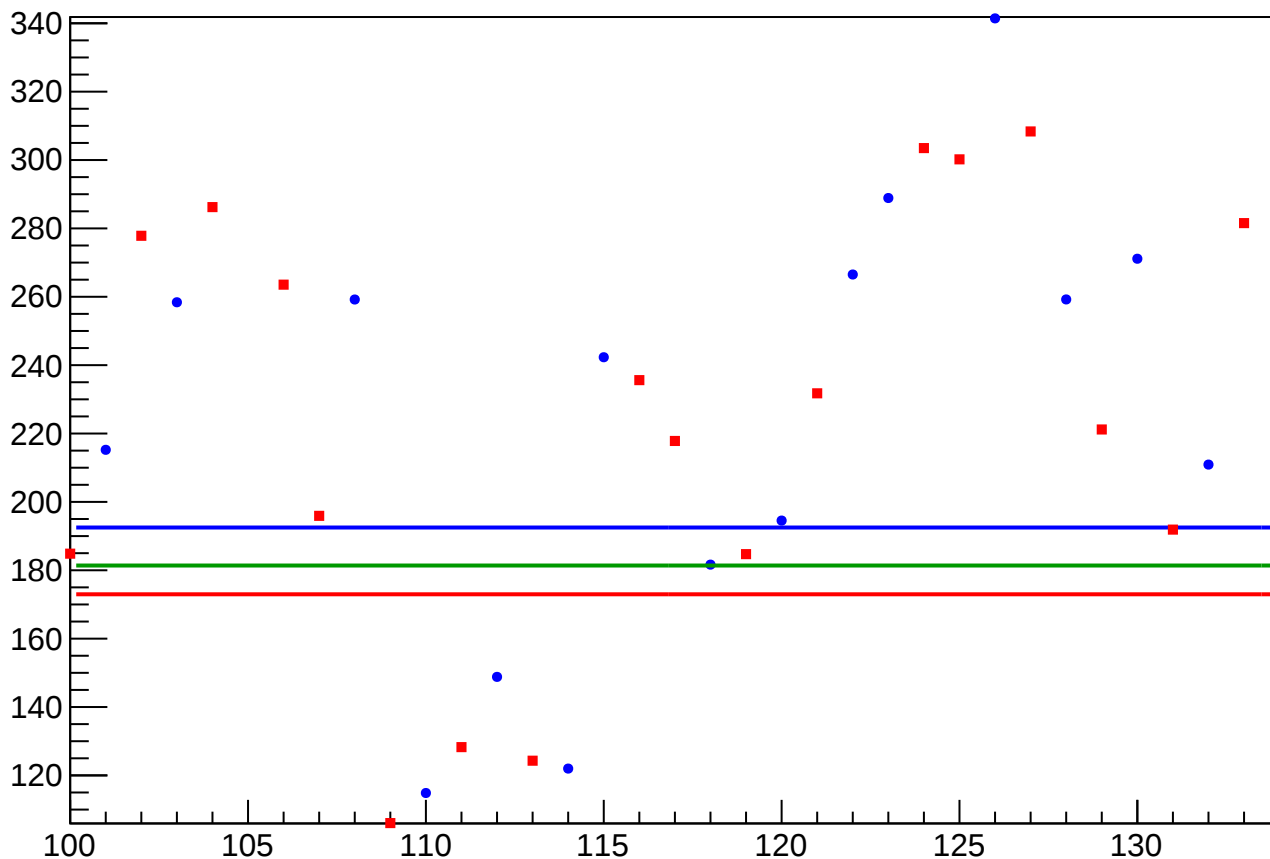
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

112.909 $\pm$ 85.306 χ^2 /NDF: 5.3/15

63.725 $\pm$ 55.993 χ^2 /NDF: 11.3/33

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: 192.509+/-0.060 χ^2/NDF : 1006694.7/15

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

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

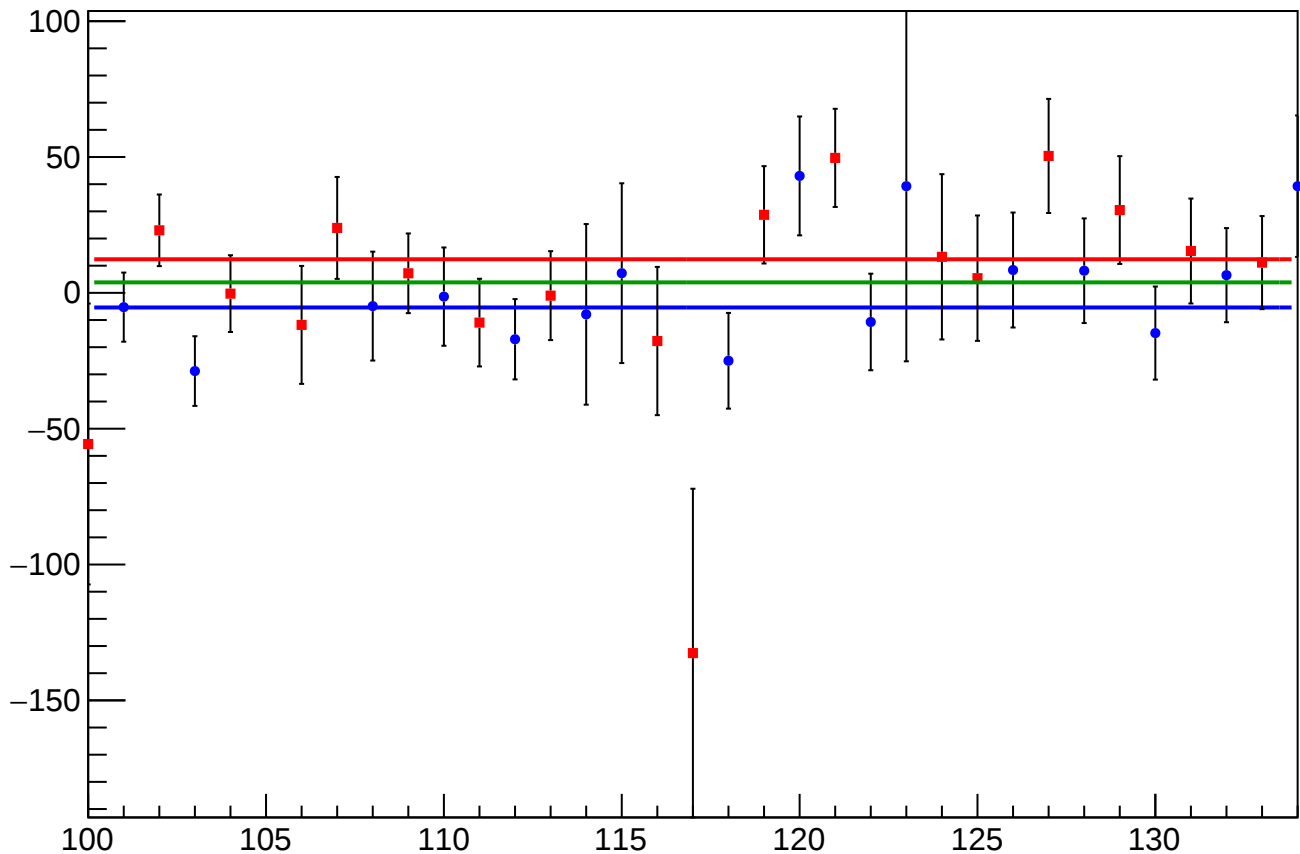
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.509+/-0.060 χ^2/NDF : 1006694.7/15

181.392+/-0.040 χ^2/NDF : 2636160.9/33

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: -5.380 ± 4.659 $\chi^2/\text{NDF}: 15.5/15$

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

Right Out: 12.363 ± 4.473 $\chi^2/\text{NDF}: 24.0/17$

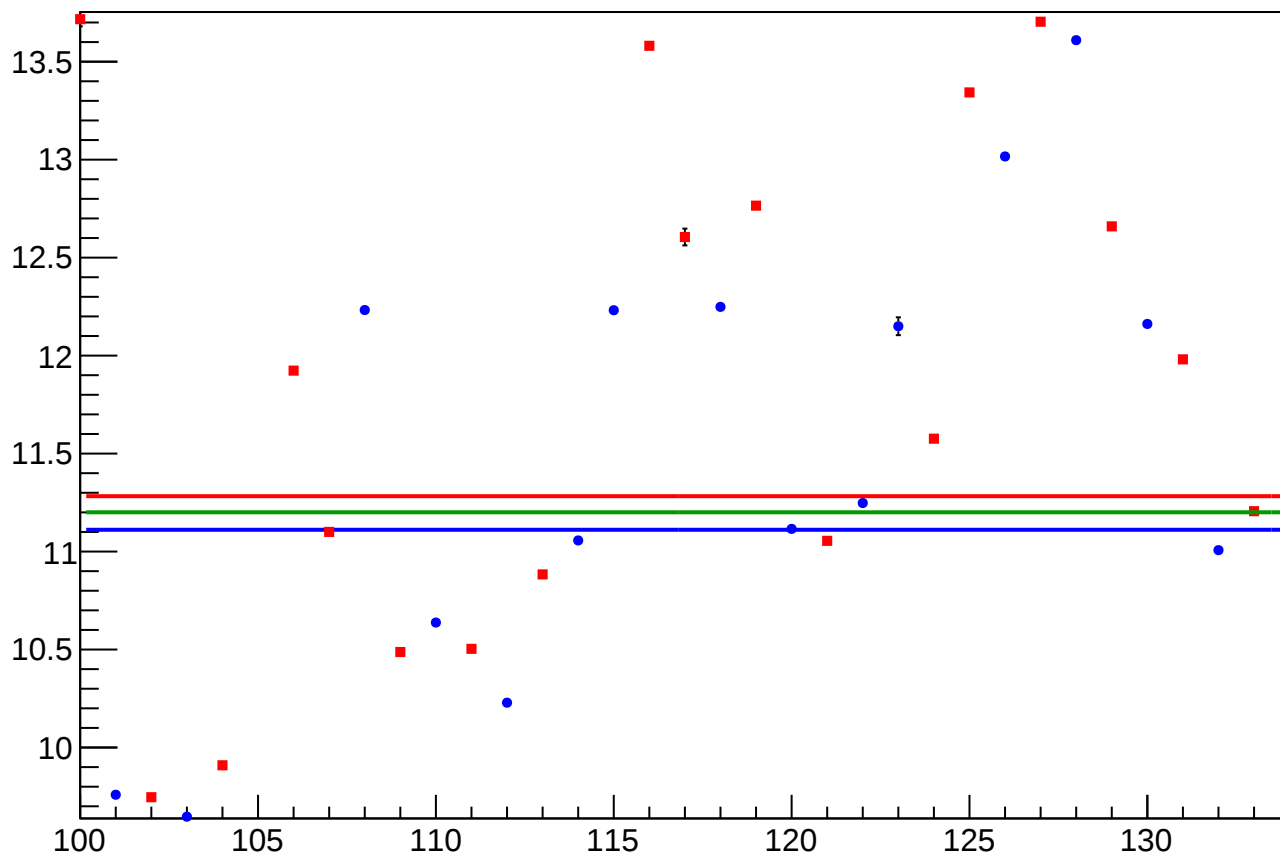
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-5.380 ± 4.659 $\chi^2/\text{NDF}: 15.5/15$

3.854 ± 3.227 $\chi^2/\text{NDF}: 47.0/33$

12.363 ± 4.473 $\chi^2/\text{NDF}: 24.0/17$

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.111 ± 0.003 $\chi^2/\text{NDF}: 132384.6/15$

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

Right Out: 11.283 ± 0.003 $\chi^2/\text{NDF}: 148349.9/17$

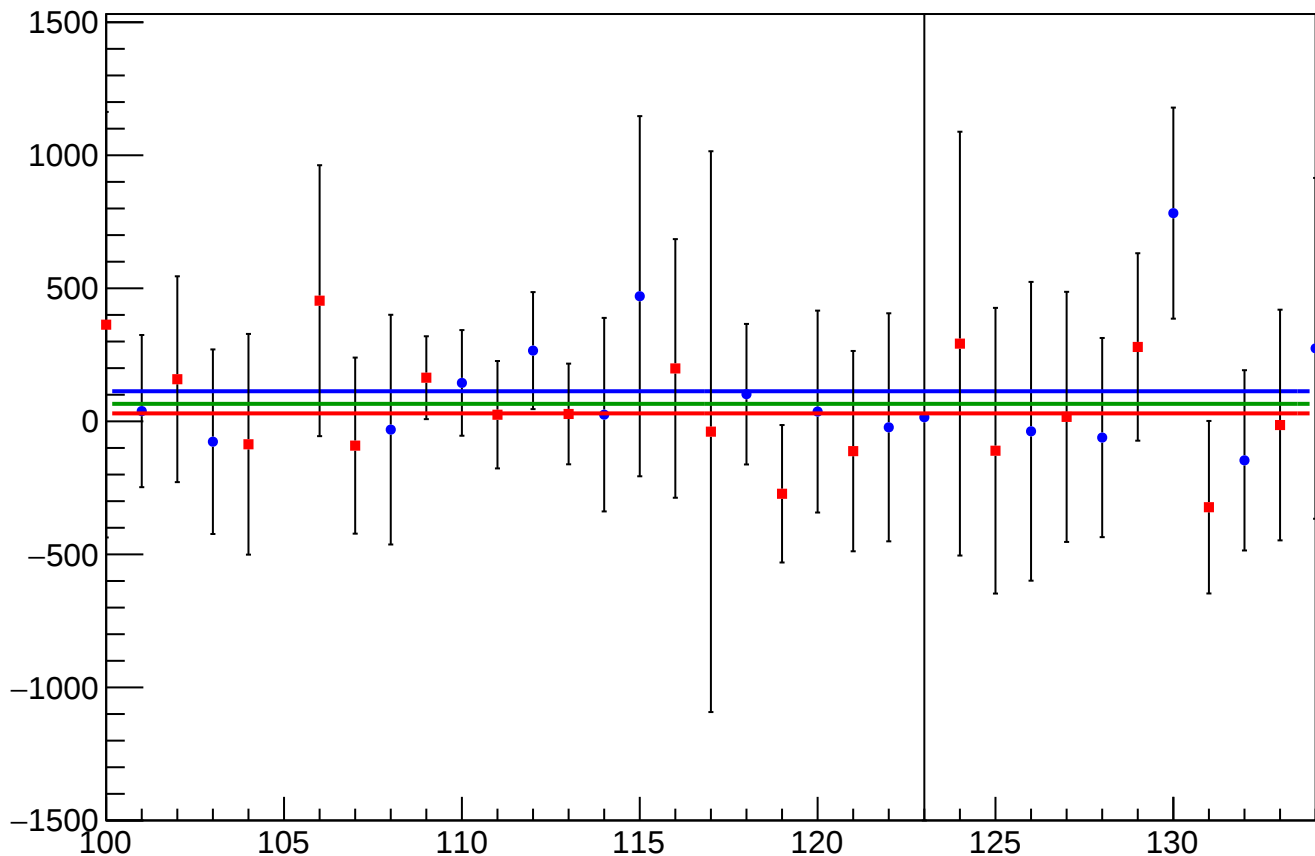
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

11.111 ± 0.003 $\chi^2/\text{NDF}: 132384.6/15$

11.200 ± 0.002 $\chi^2/\text{NDF}: 282142.5/33$

11.283 ± 0.003 $\chi^2/\text{NDF}: 148349.9/17$

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.148 $\pm$ 85.535 χ^2 /NDF: 5.3/15

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

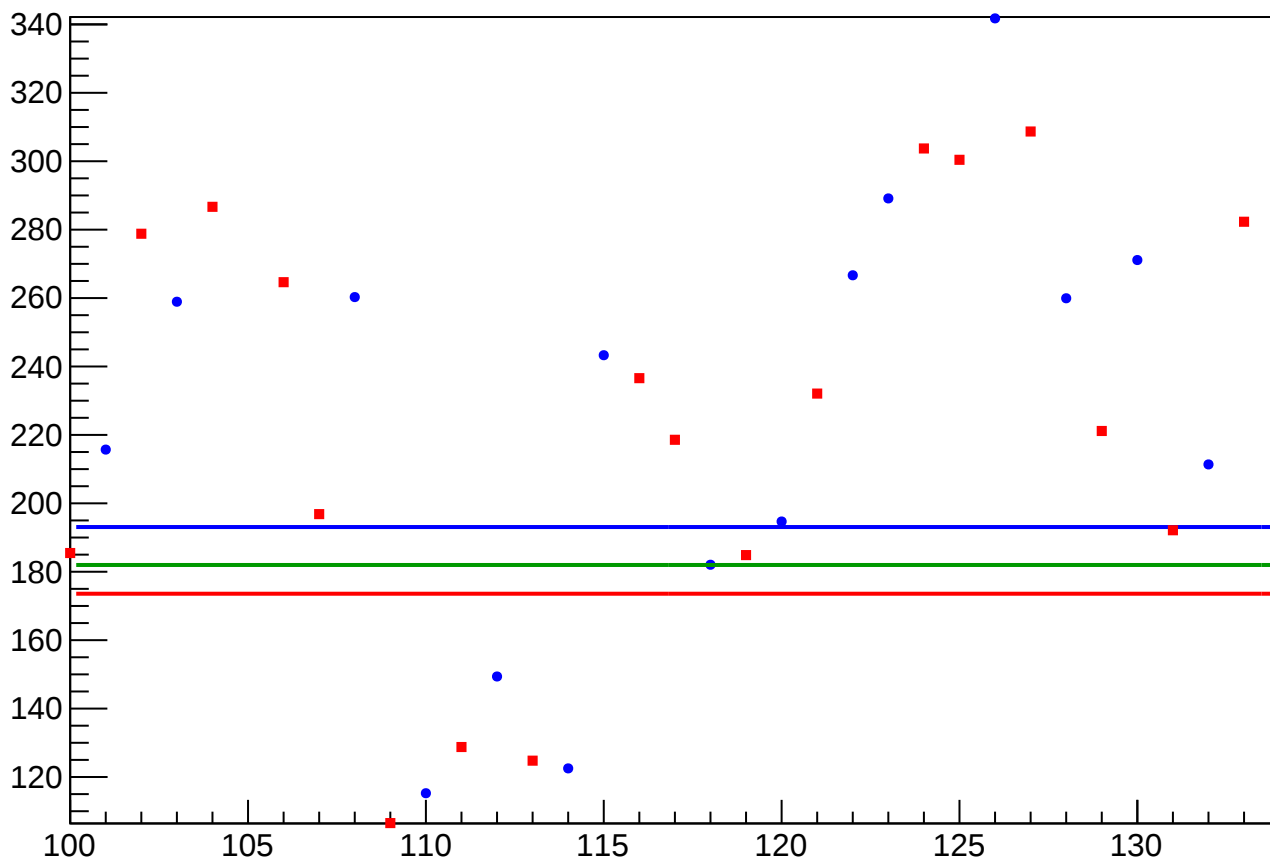
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.148 $\pm$ 85.535 χ^2 /NDF: 5.3/15

65.784 $\pm$ 56.157 χ^2 /NDF: 11.2/33

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: 193.072+/-0.060 χ^2/NDF : 1001694.5/15

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

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

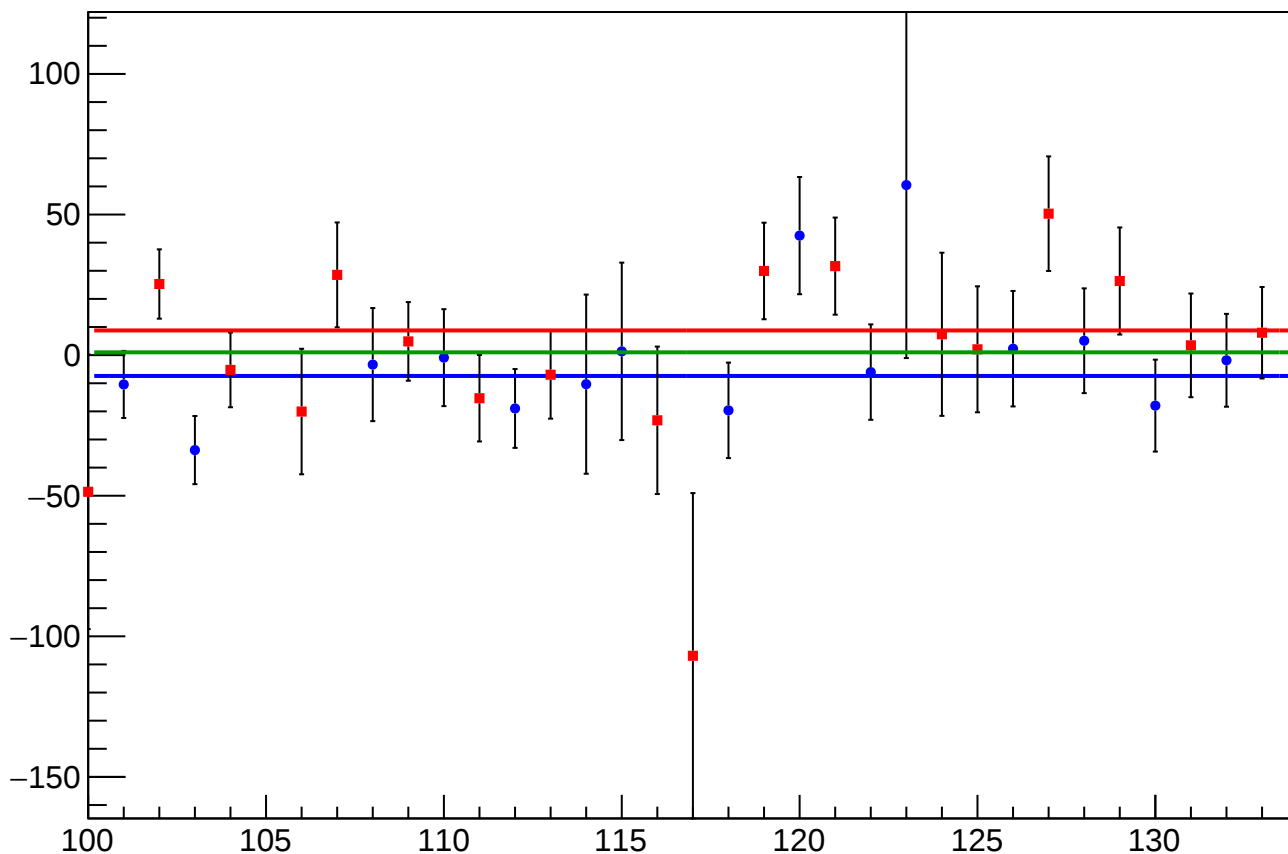
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.072+/-0.060 χ^2/NDF : 1001694.5/15

181.980+/-0.040 χ^2/NDF : 2622800.8/33

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: -7.400 $\pm$ 4.448 χ^2 /NDF: 19.1/15

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

Right Out: 8.784 $\pm$ 4.282 χ^2 /NDF: 24.6/17

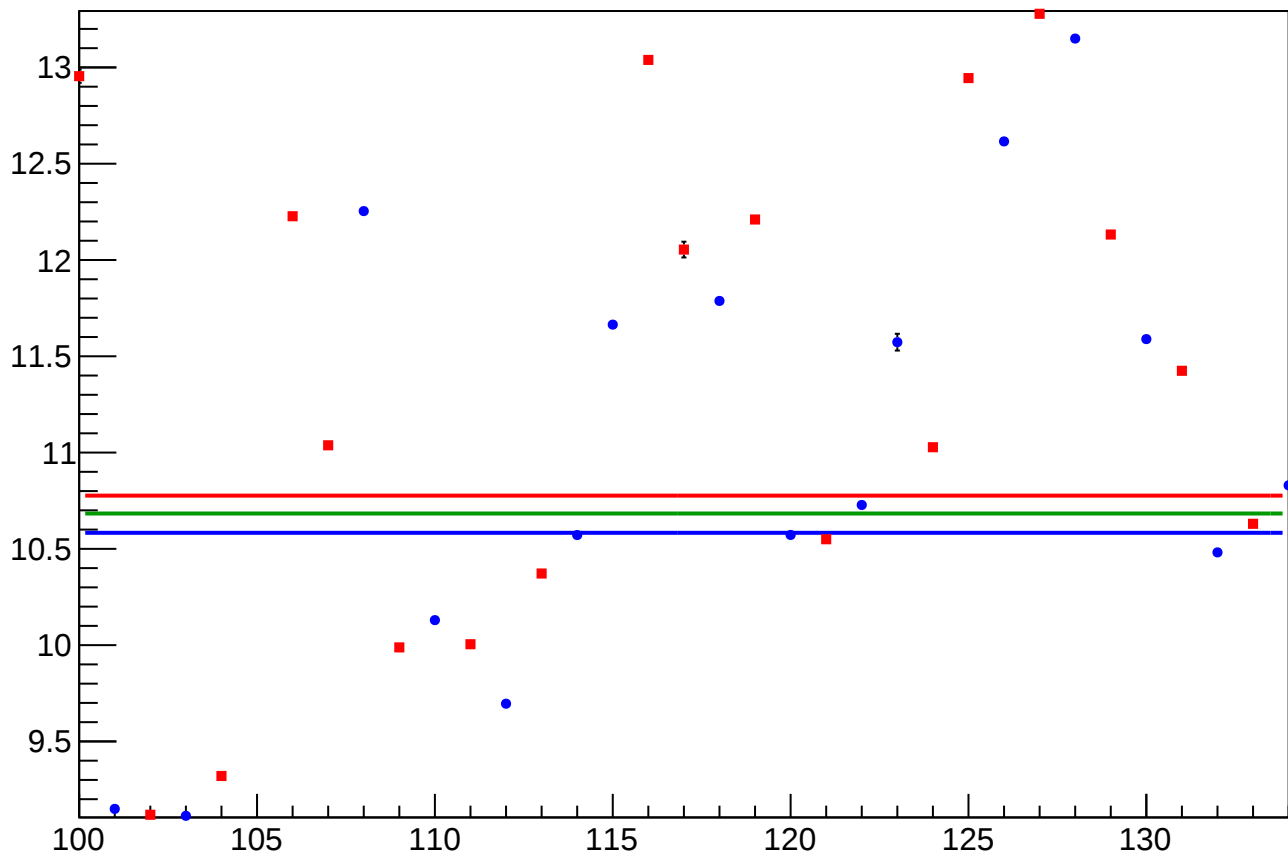
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7.400 $\pm$ 4.448 χ^2 /NDF: 19.1/15

1.000 $\pm$ 3.085 χ^2 /NDF: 50.5/33

8.784 $\pm$ 4.282 χ^2 /NDF: 24.6/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.583+/-0.003 χ^2/NDF : 159959.5/15

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

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

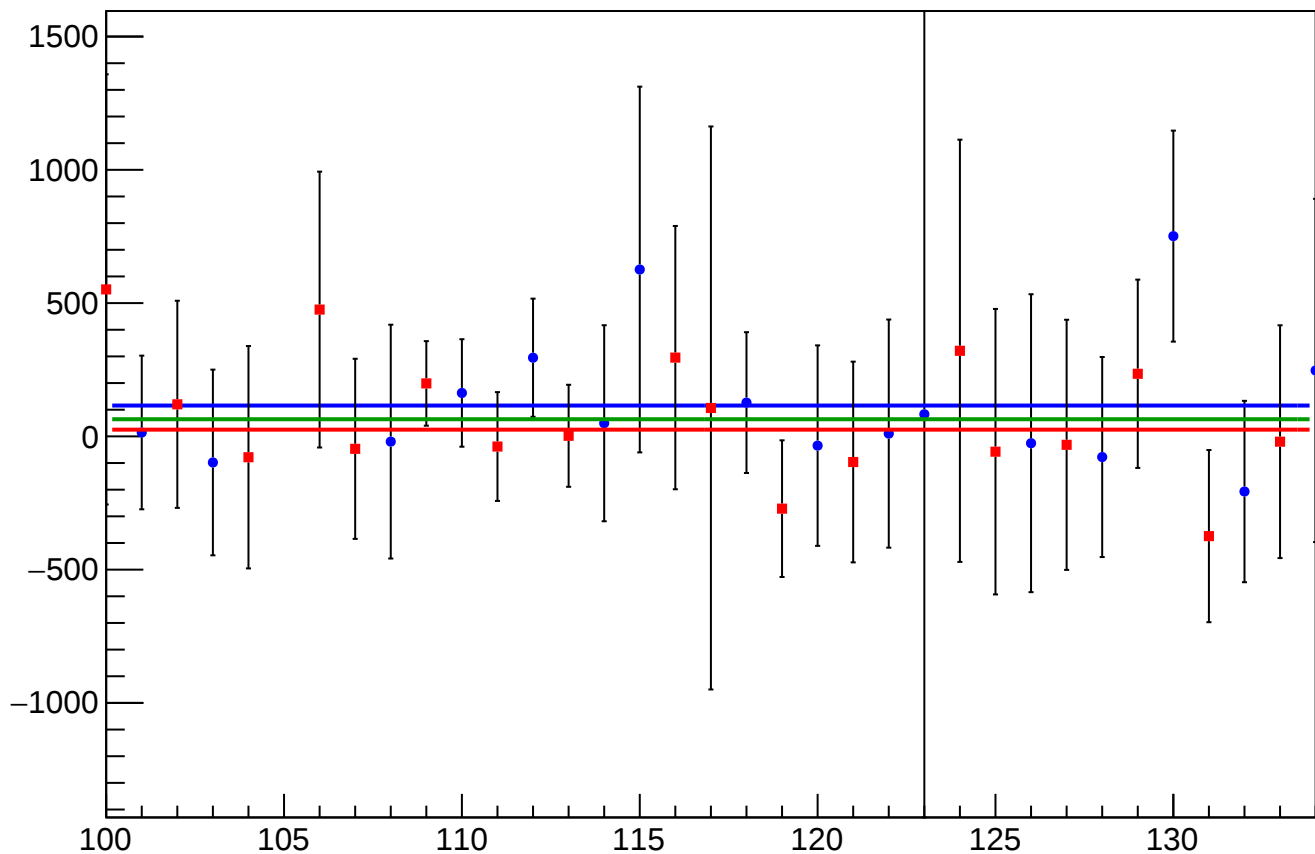
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.583+/-0.003 χ^2/NDF : 159959.5/15

10.684+/-0.002 χ^2/NDF : 339587.6/33

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: 115.628 $\pm$ 86.073 χ^2 /NDF: 6.0/15

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

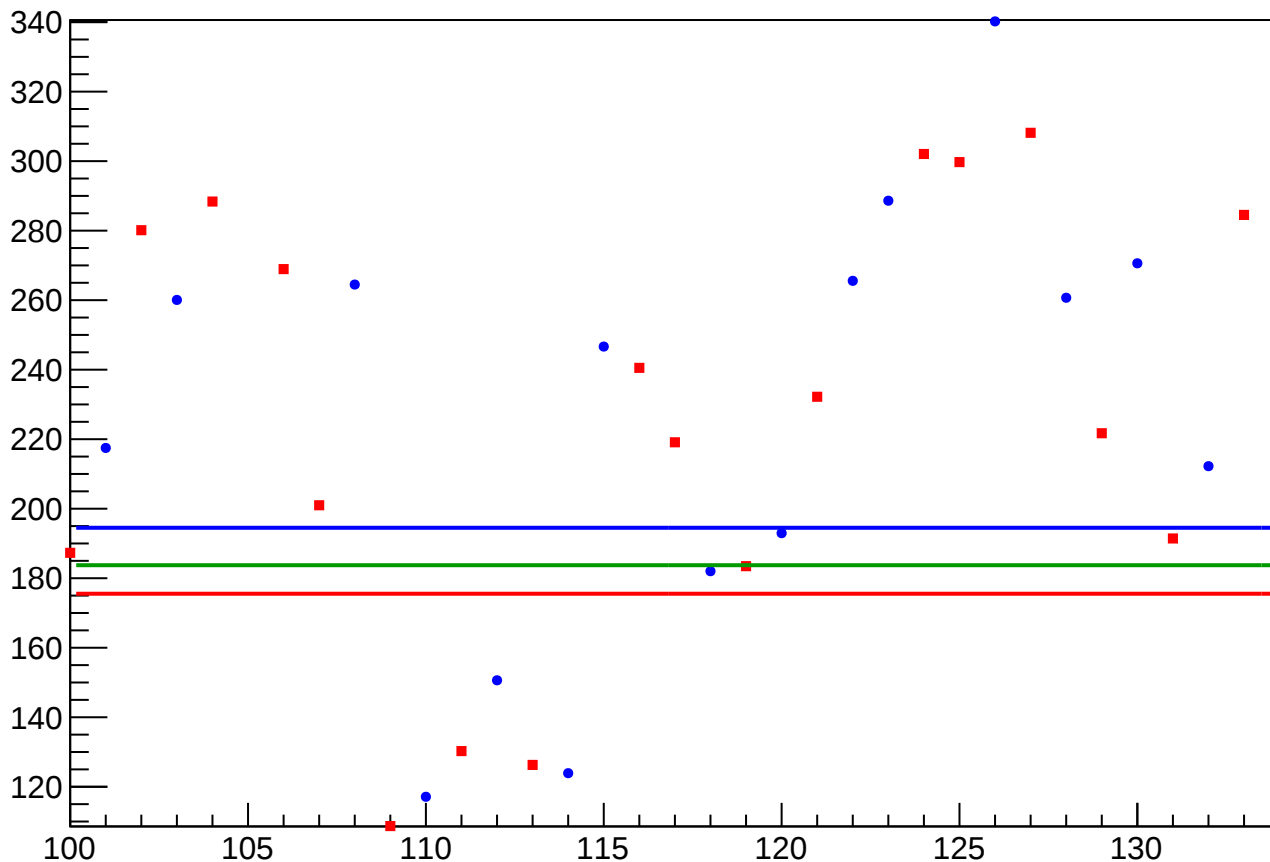
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

115.628 $\pm$ 86.073 χ^2 /NDF: 6.0/15

64.292 $\pm$ 56.600 χ^2 /NDF: 13.1/33

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: 194.519+/-0.061 χ^2/NDF : 975419.4/15

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

Right Out: 175.539+/-0.053 χ^2/NDF : 1521341.4/17

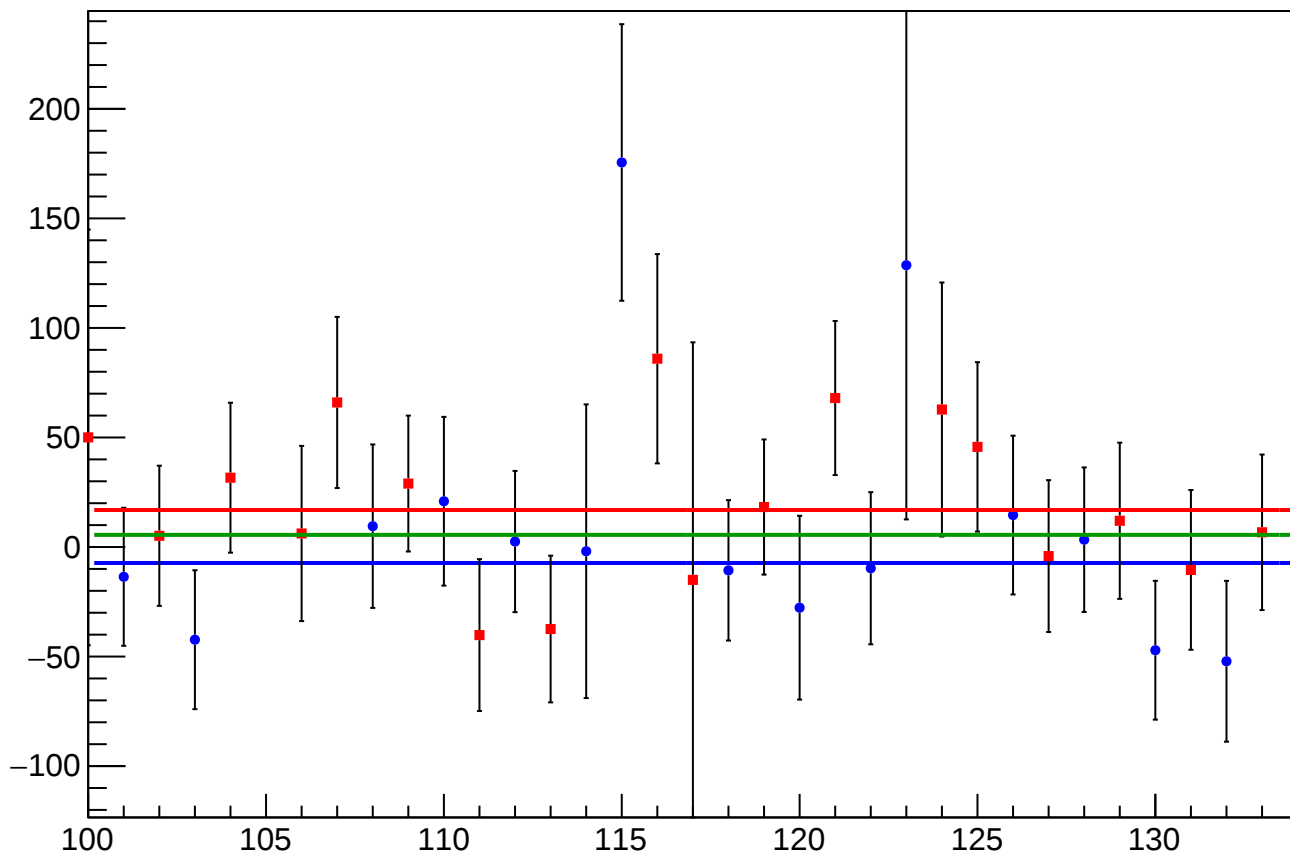
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.519+/-0.061 χ^2/NDF : 975419.4/15

183.746+/-0.040 χ^2/NDF : 2551957.7/33

175.539+/-0.053 χ^2/NDF : 1521341.4/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.286+/-9.507 χ^2/NDF : 15.8/15

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

Right Out: 16.900+/-8.944 χ^2/NDF : 14.1/17

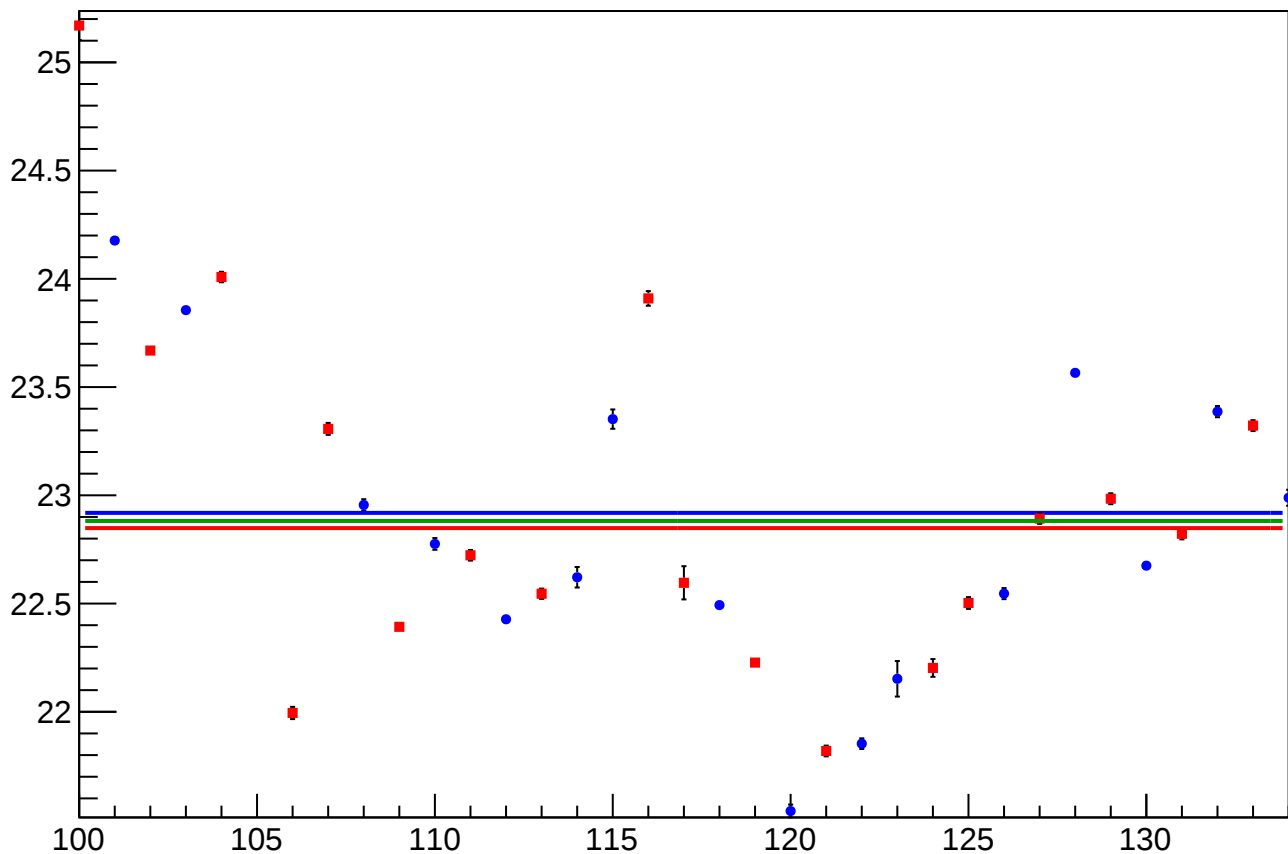
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.286+/-9.507 χ^2/NDF : 15.8/15

5.545+/-6.514 χ^2/NDF : 33.3/33

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: 22.919+/-0.007 χ^2/NDF : 11472.0/15

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

Right Out: 22.849+/-0.006 χ^2/NDF : 10941.0/17

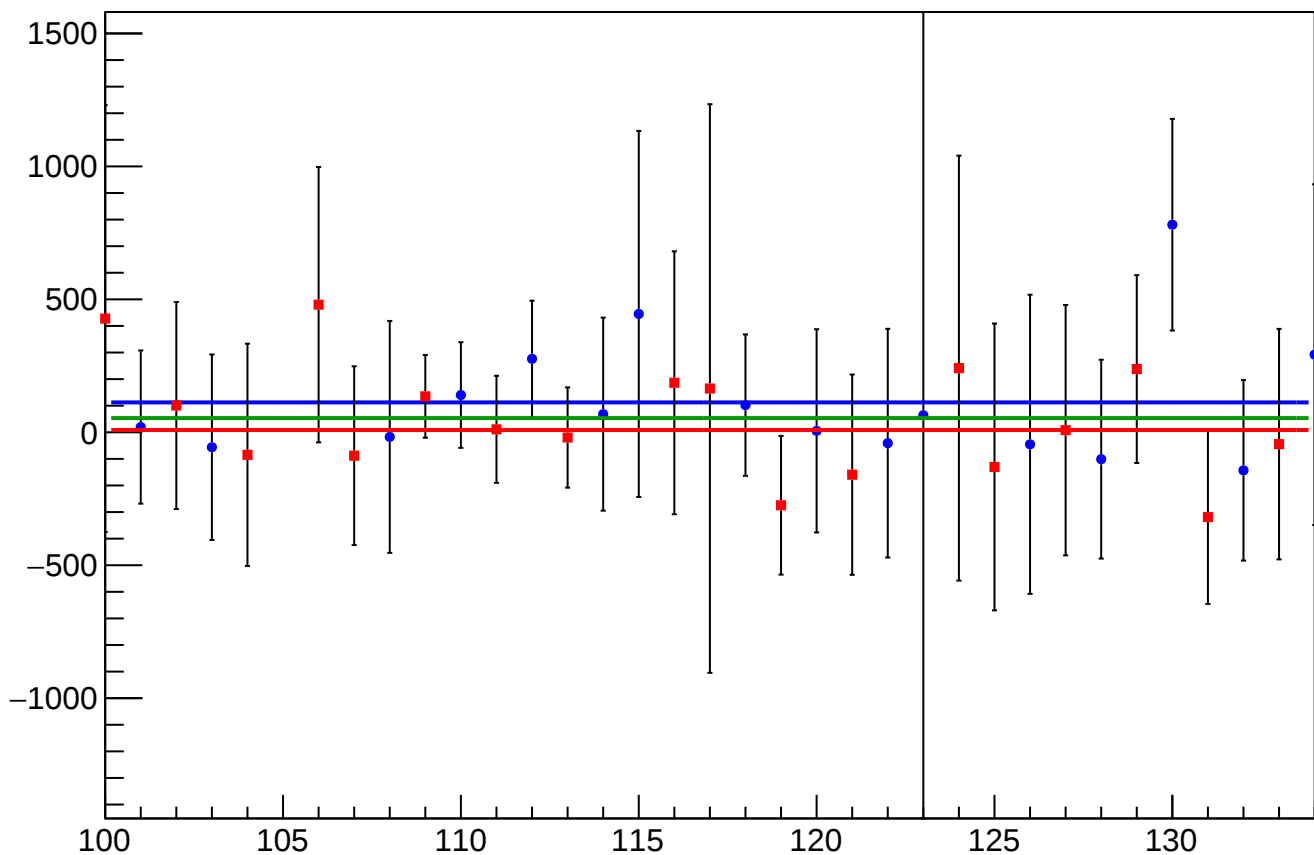
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.919+/-0.007 χ^2/NDF : 11472.0/15

22.882+/-0.005 χ^2/NDF : 22471.1/33

22.849+/-0.006 χ^2/NDF : 10941.0/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 112.436 $\pm$ 85.734 χ^2 /NDF: 5.3/15

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

Right Out: 8.680 $\pm$ 74.656 χ^2 /NDF: 5.1/17

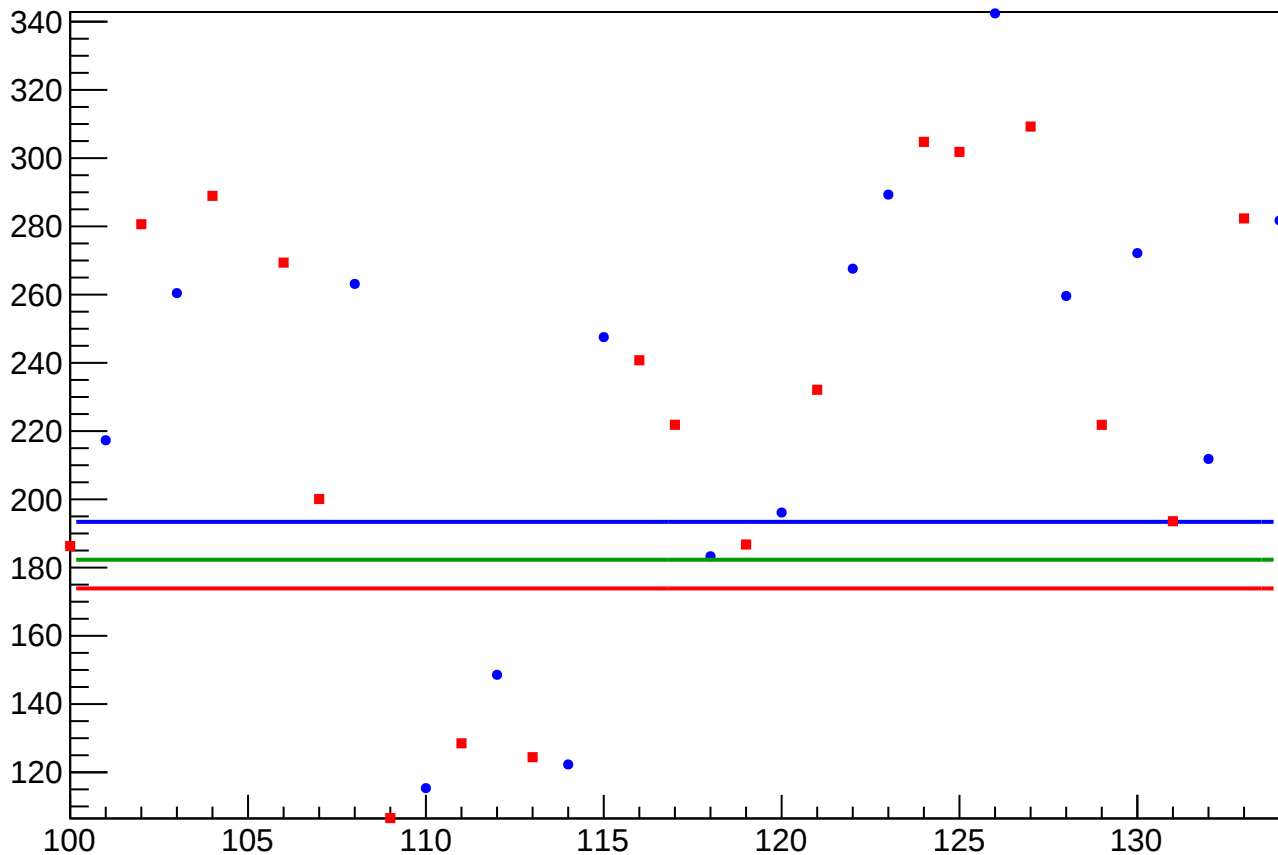
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

112.436 $\pm$ 85.734 χ^2 /NDF: 5.3/15

53.425 $\pm$ 56.302 χ^2 /NDF: 11.3/33

8.680 $\pm$ 74.656 χ^2 /NDF: 5.1/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.410+/-0.061 χ^2/NDF : 1016356.1/15

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

Right Out: 173.887+/-0.053 χ^2/NDF : 1589601.7/17

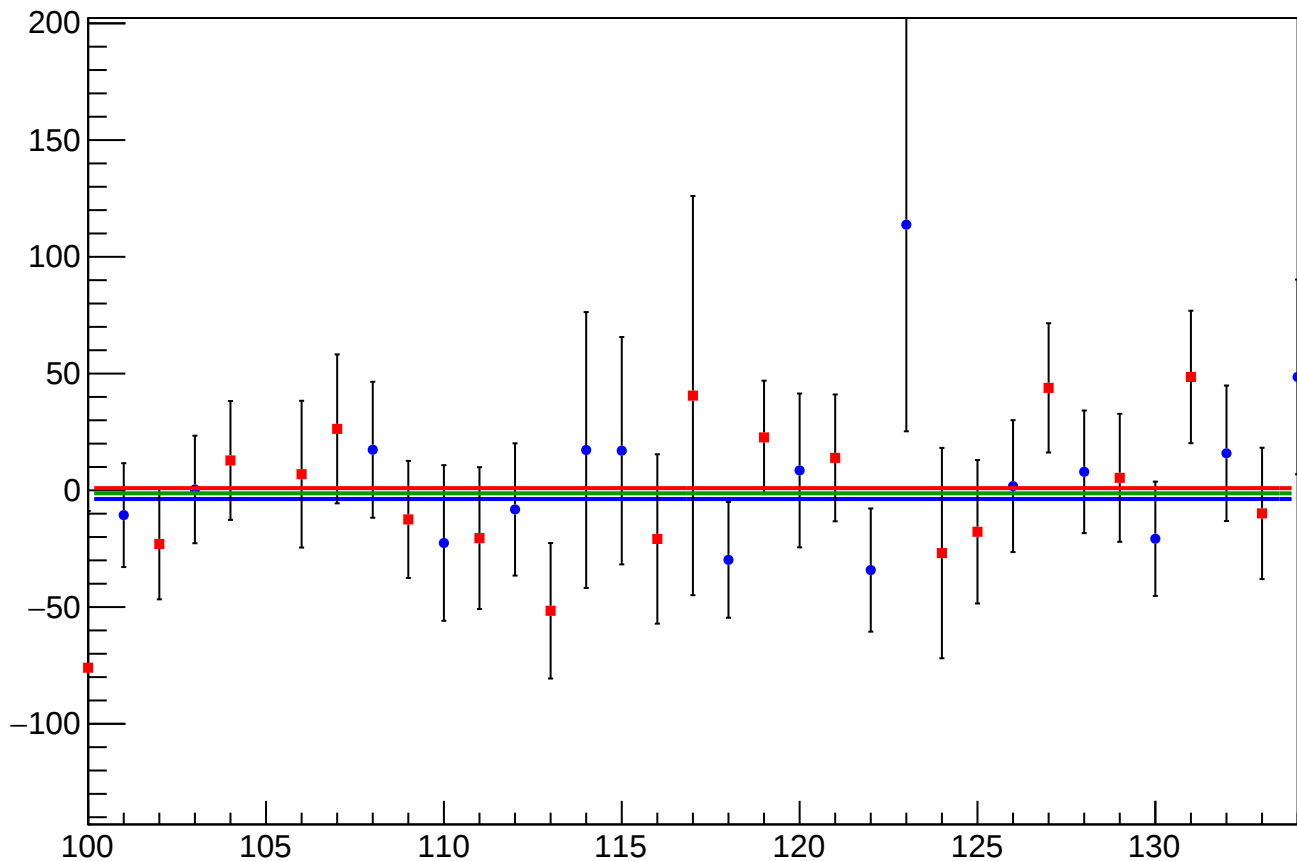
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.410+/-0.061 χ^2/NDF : 1016356.1/15

182.306+/-0.040 χ^2/NDF : 2664936.8/33

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: -3.731+/-7.414 χ^2/NDF : 8.4/15

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

Right Out: 0.939+/-7.063 χ^2/NDF : 15.0/17

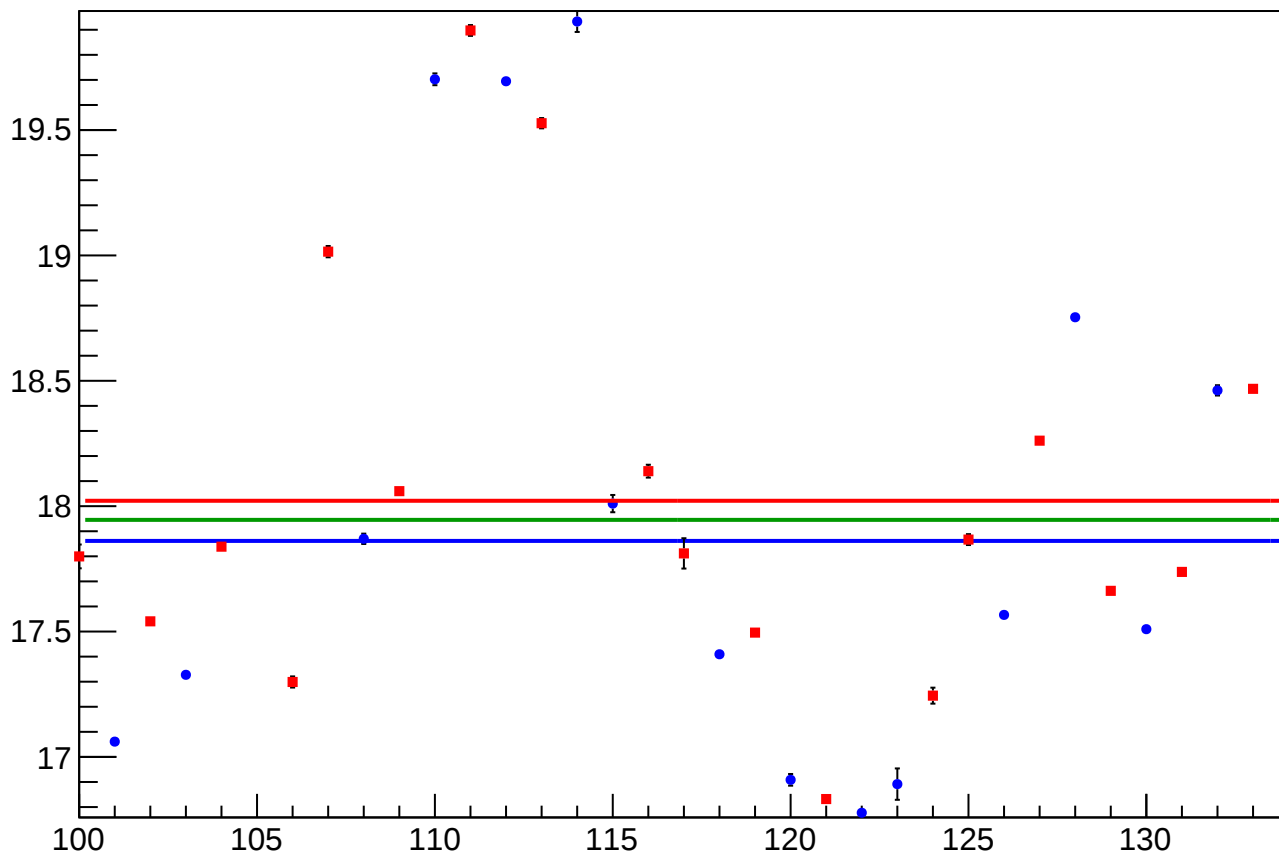
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.731+/-7.414 χ^2/NDF : 8.4/15

-1.282+/-5.114 χ^2/NDF : 23.6/33

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: 17.861+/-0.005 χ^2/NDF : 30617.2/15

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

Right Out: 18.022+/-0.005 χ^2/NDF : 23619.7/17

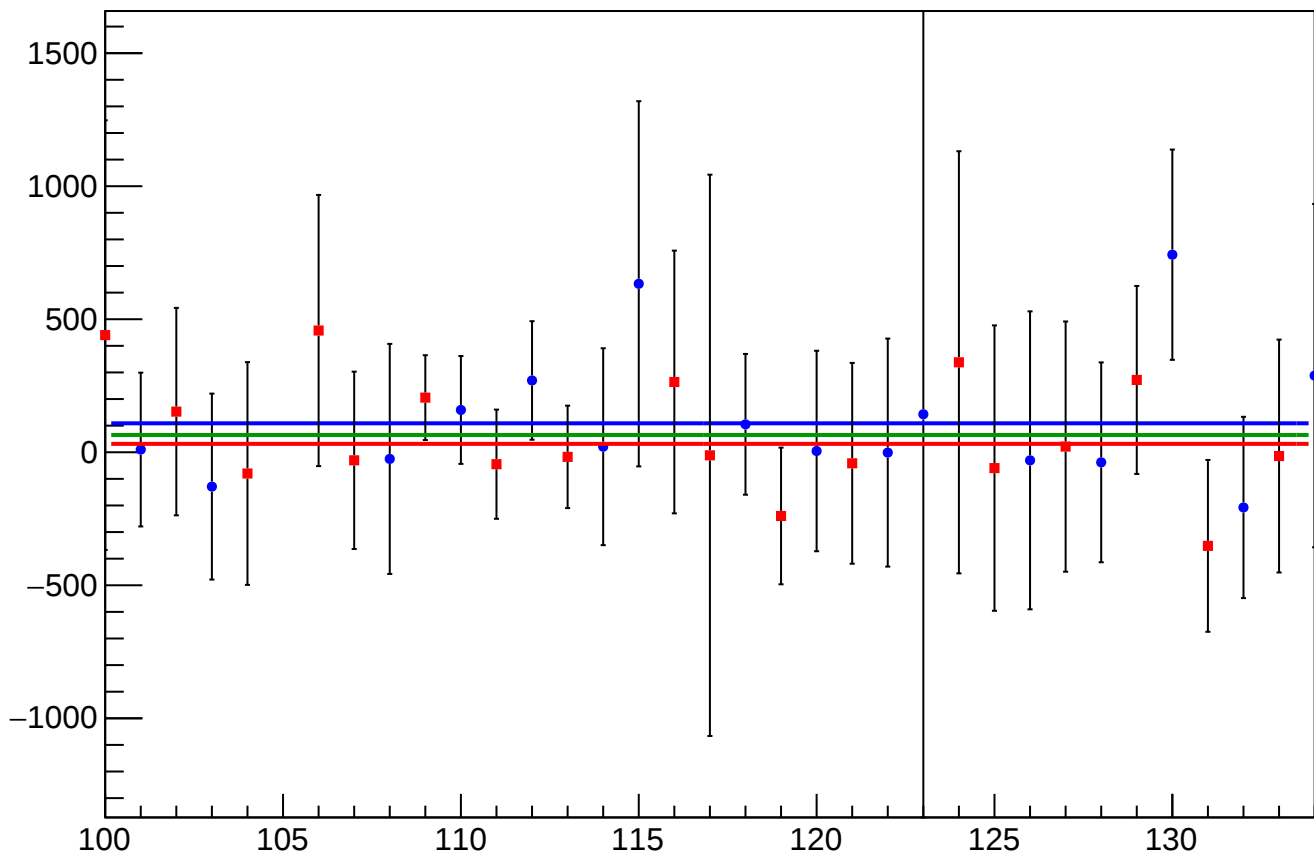
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.861+/-0.005 χ^2/NDF : 30617.2/15

17.945+/-0.004 χ^2/NDF : 54725.6/33

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: 108.812 $\pm$ 86.285 χ^2 /NDF: 5.8/15

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

Right Out: 31.541 $\pm$ 75.306 χ^2 /NDF: 6.0/17

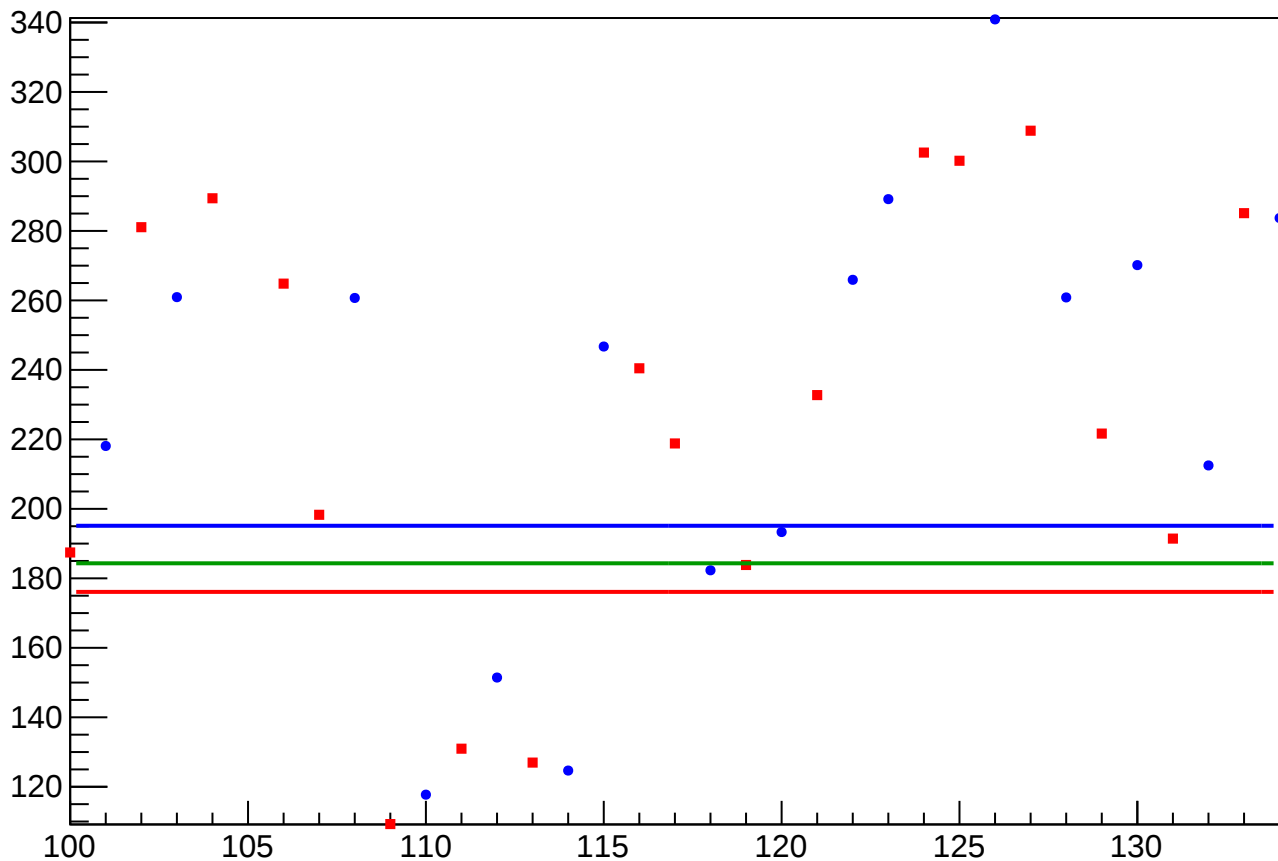
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.812 $\pm$ 86.285 χ^2 /NDF: 5.8/15

64.950 $\pm$ 56.736 χ^2 /NDF: 12.2/33

31.541 $\pm$ 75.306 χ^2 /NDF: 6.0/17

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.131+/-0.061 χ^2/NDF : 960534.4/15

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

Right Out: 176.099+/-0.053 χ^2/NDF : 1503103.4/17

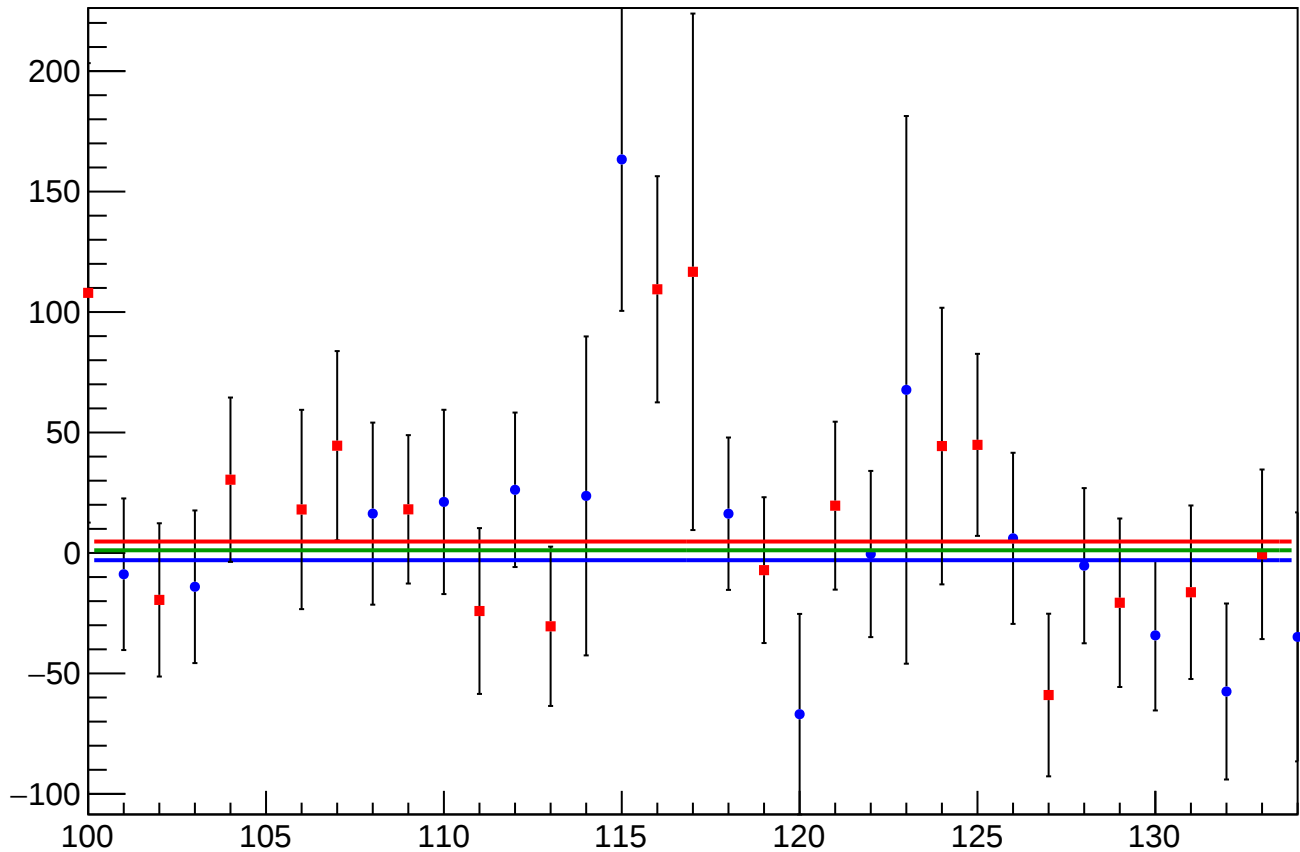
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.131+/-0.061 χ^2/NDF : 960534.4/15

184.328+/-0.040 χ^2/NDF : 2518871.9/33

176.099+/-0.053 χ^2/NDF : 1503103.4/17

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.008+/-9.428 χ^2/NDF : 15.6/15

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

Right Out: 4.748+/-8.860 χ^2/NDF : 17.9/17

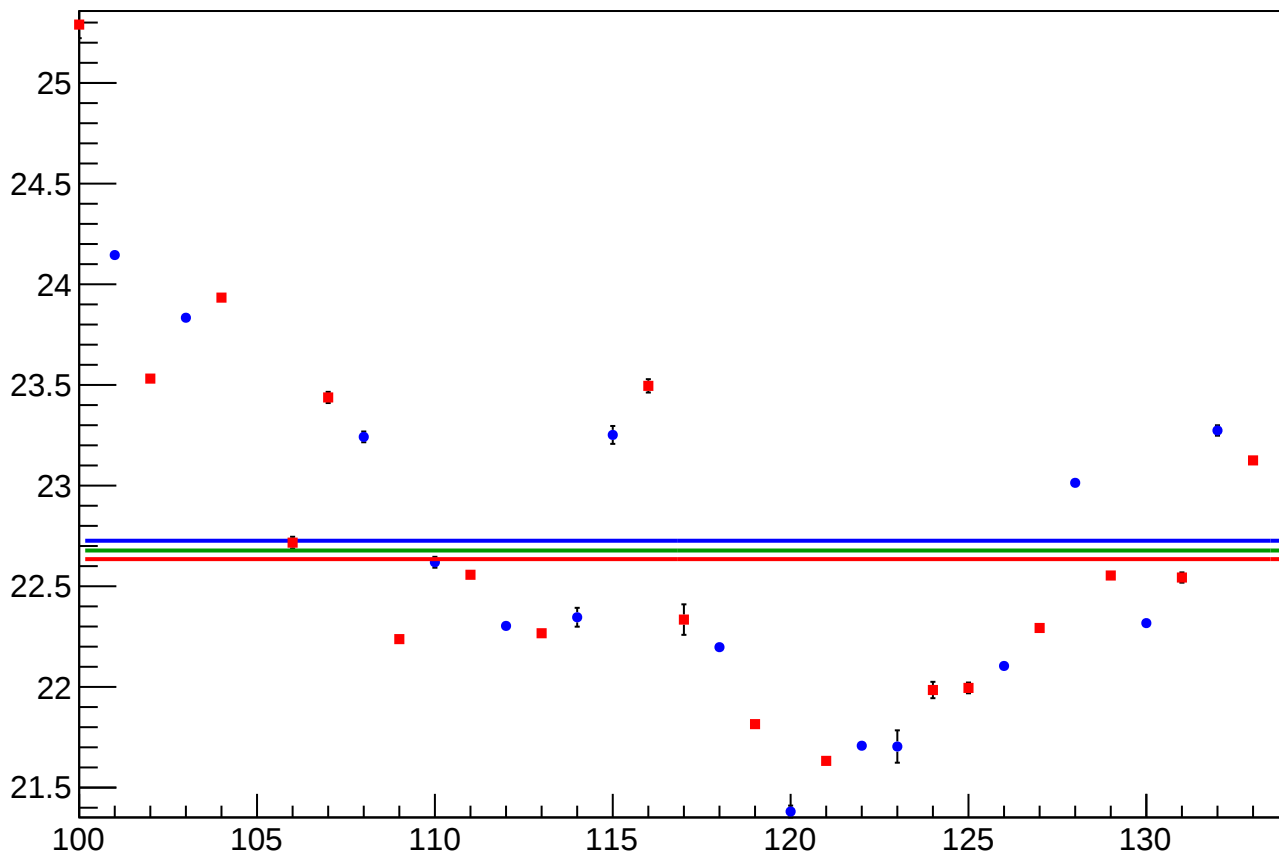
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.008+/-9.428 χ^2/NDF : 15.6/15

1.111+/-6.456 χ^2/NDF : 33.9/33

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: 13576.8/15

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

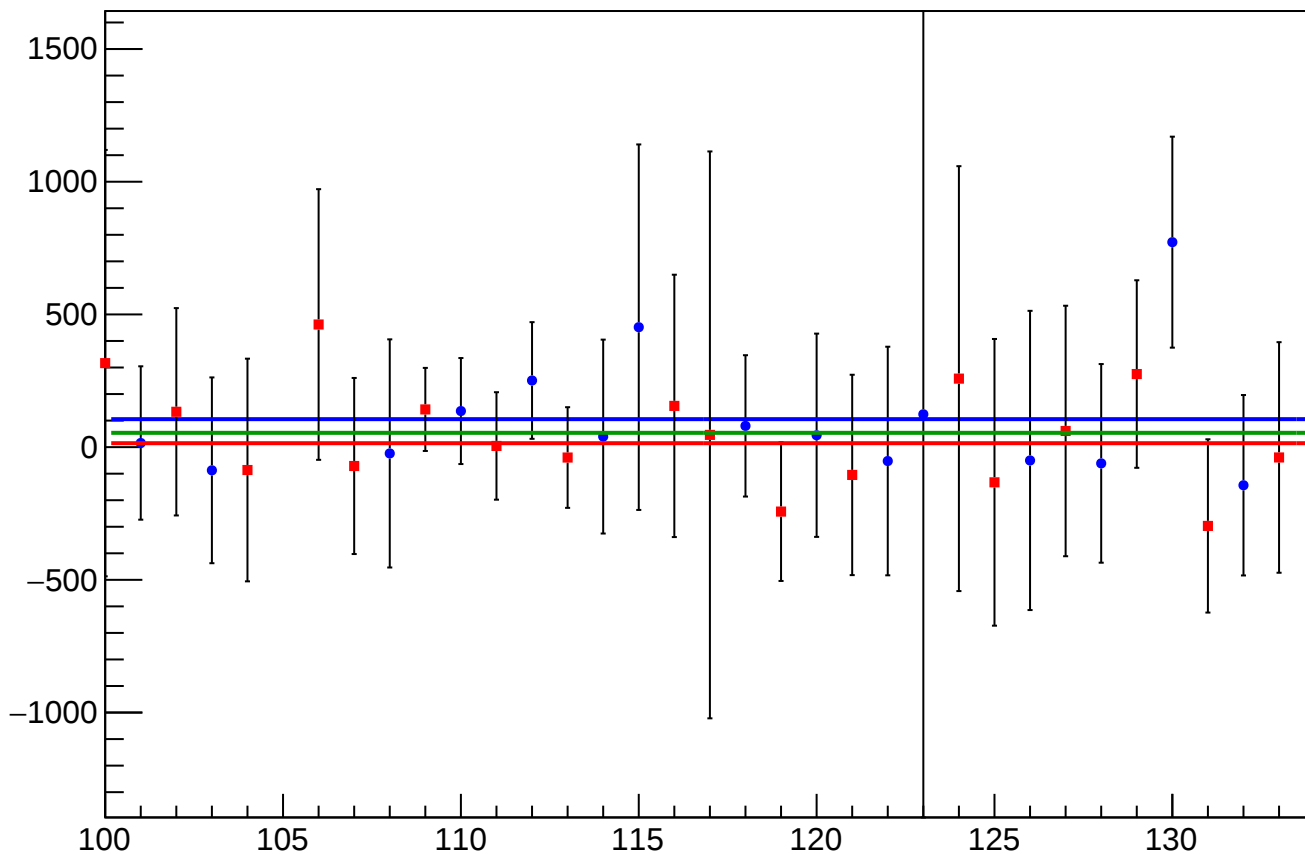
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.726 $\pm$ 0.007 χ^2 /NDF: 13576.8/15

22.678 $\pm$ 0.005 χ^2 /NDF: 26408.7/33

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: 105.396 $\pm$ 85.949 χ^2 /NDF: 5.2/15

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

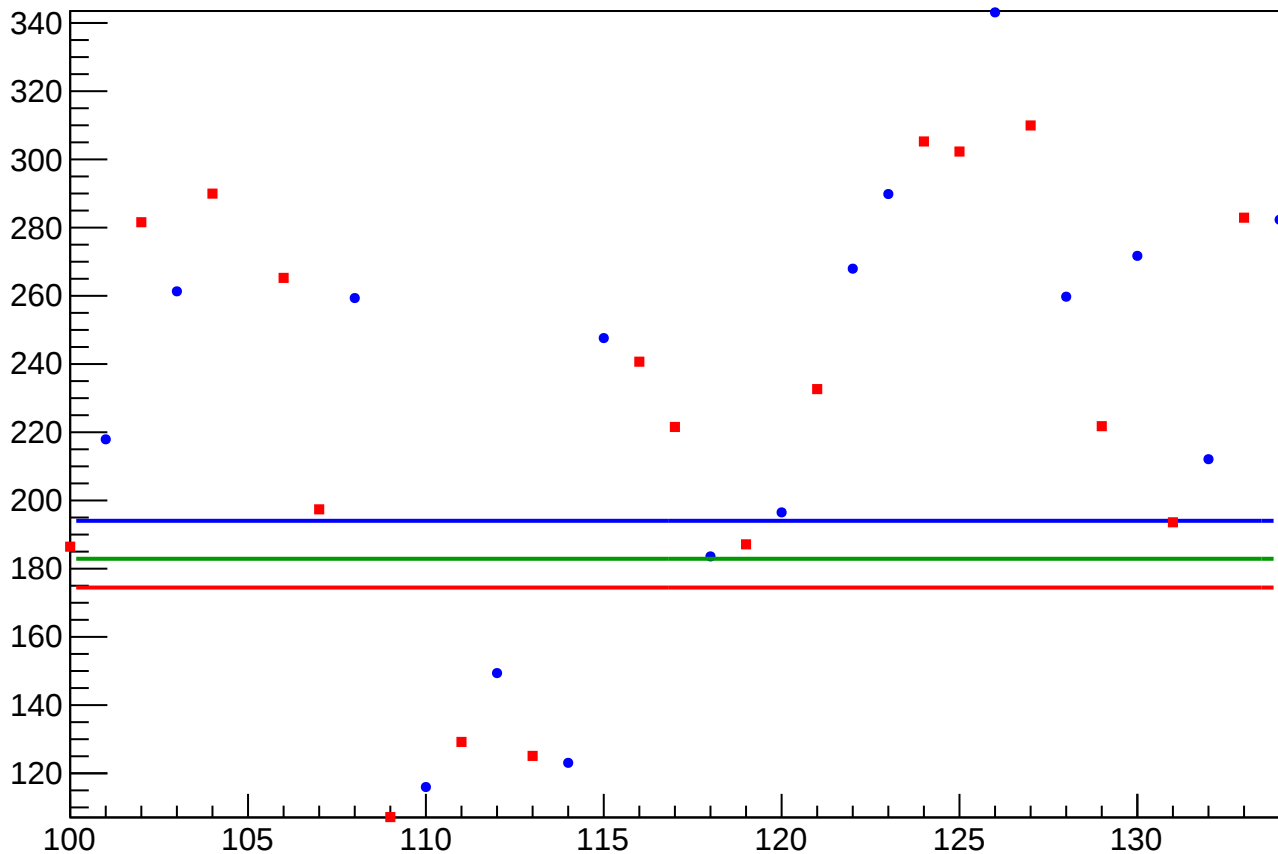
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.396 $\pm$ 85.949 χ^2 /NDF: 5.2/15

53.890 $\pm$ 56.441 χ^2 /NDF: 10.5/33

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: 194.035 $\pm$ 0.061 χ^2 /NDF: 1000779.7/15

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

Right Out: 174.466 $\pm$ 0.053 χ^2 /NDF: 1570430.3/17

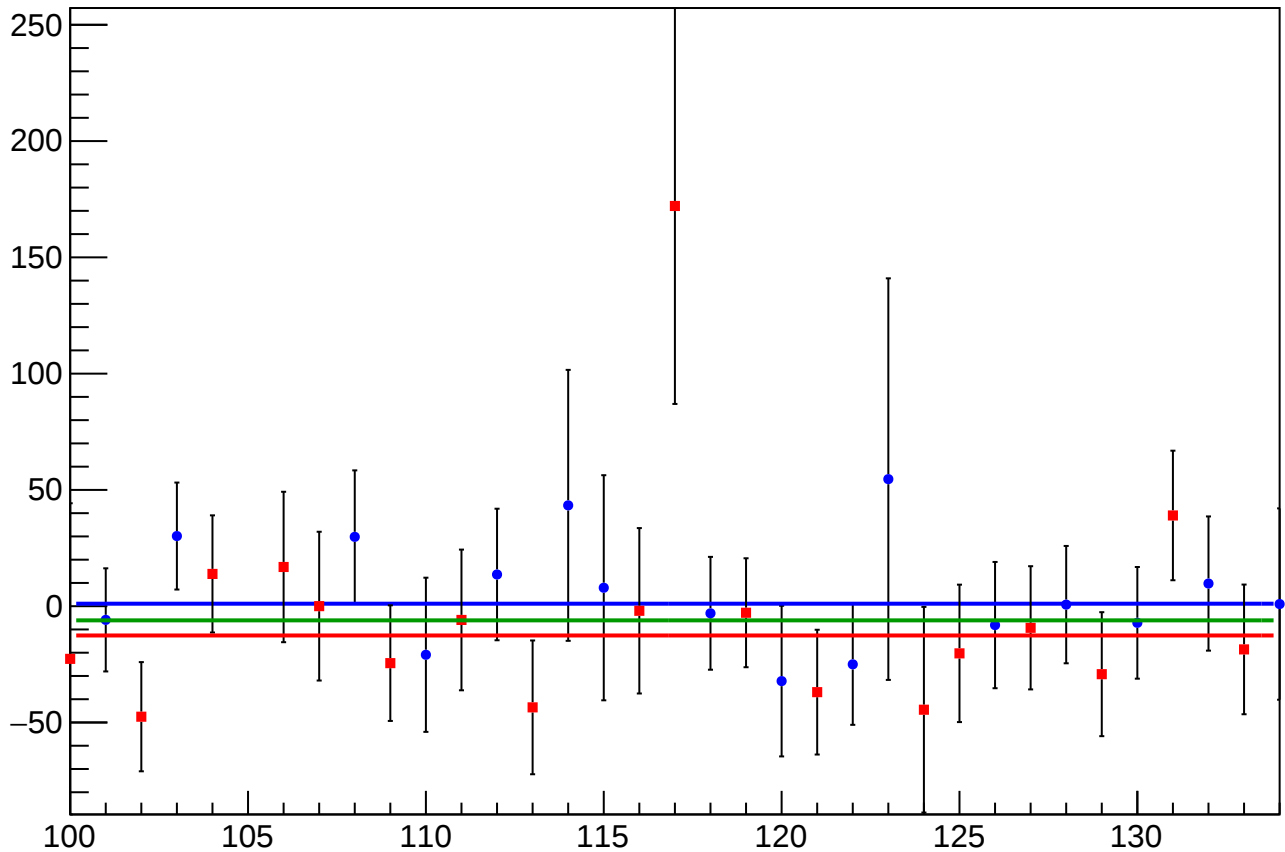
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.035 $\pm$ 0.061 χ^2 /NDF: 1000779.7/15

182.905 $\pm$ 0.040 χ^2 /NDF: 2630176.2/33

174.466 $\pm$ 0.053 χ^2 /NDF: 1570430.3/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.075+/-7.304 χ^2/NDF : 6.7/15

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

Right Out: -12.589+/-6.955 χ^2/NDF : 16.0/17

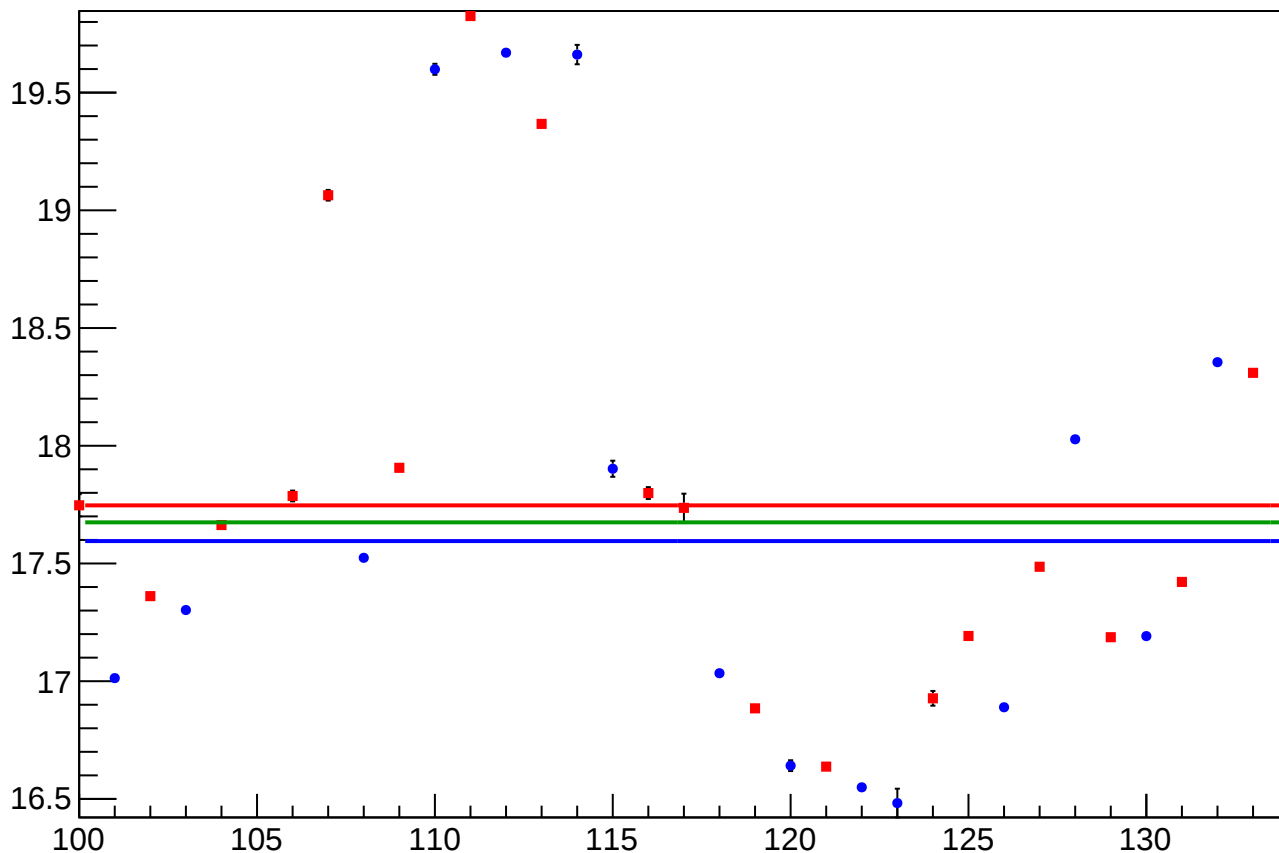
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.075+/-7.304 χ^2/NDF : 6.7/15

-6.091+/-5.037 χ^2/NDF : 24.5/33

-12.589+/-6.955 χ^2/NDF : 16.0/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.595+/-0.005 χ^2/NDF : 32922.5/15

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

Right Out: 17.747+/-0.005 χ^2/NDF : 29516.2/17

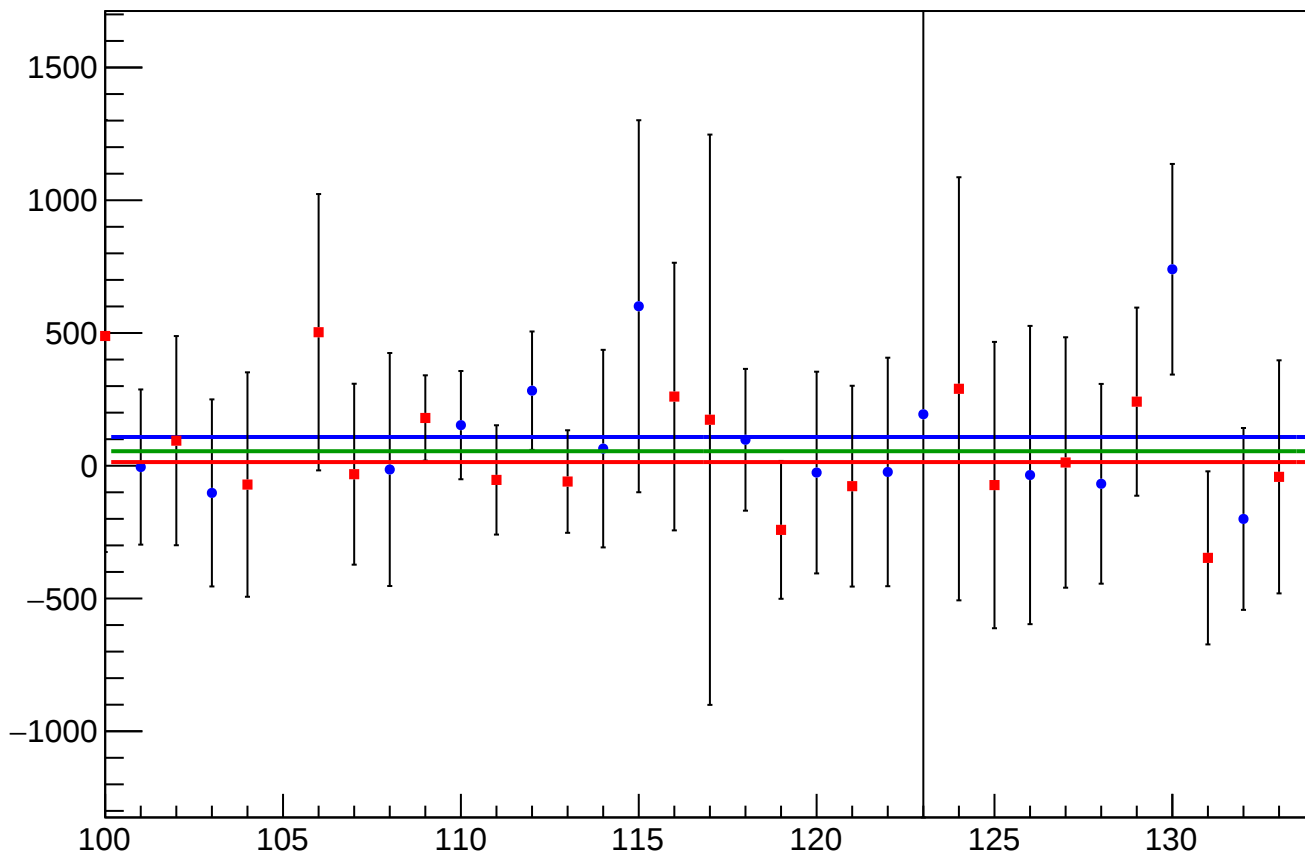
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.595+/-0.005 χ^2/NDF : 32922.5/15

17.675+/-0.004 χ^2/NDF : 62890.7/33

17.747+/-0.005 χ^2/NDF : 29516.2/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 108.277 $\pm$ 86.812 χ^2 /NDF: 5.7/15

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

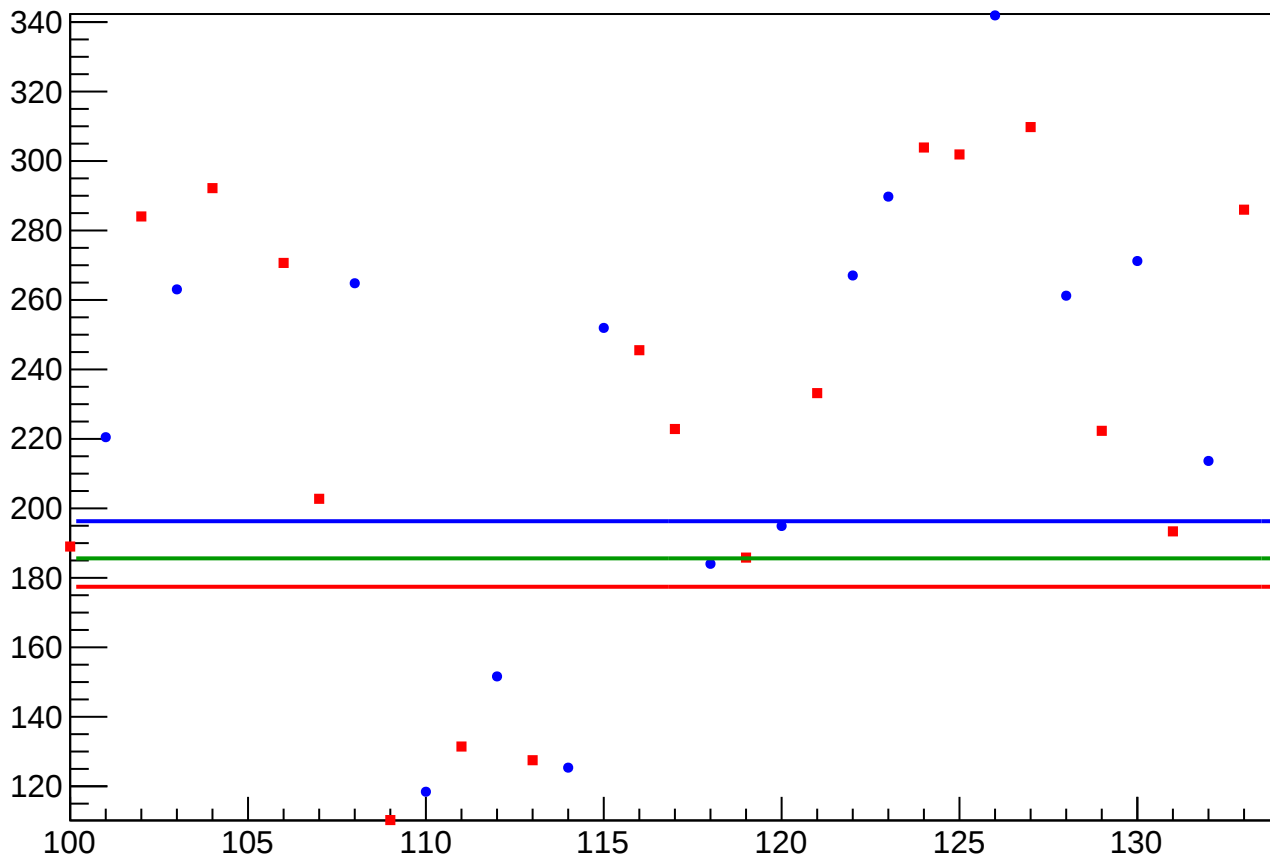
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.277 $\pm$ 86.812 χ^2 /NDF: 5.7/15

54.742 $\pm$ 57.131 χ^2 /NDF: 12.1/33

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: 196.308 $\pm$ 0.061 χ^2 /NDF: 965378.3/15

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

Right Out: 177.437 $\pm$ 0.054 χ^2 /NDF: 1511529.5/17

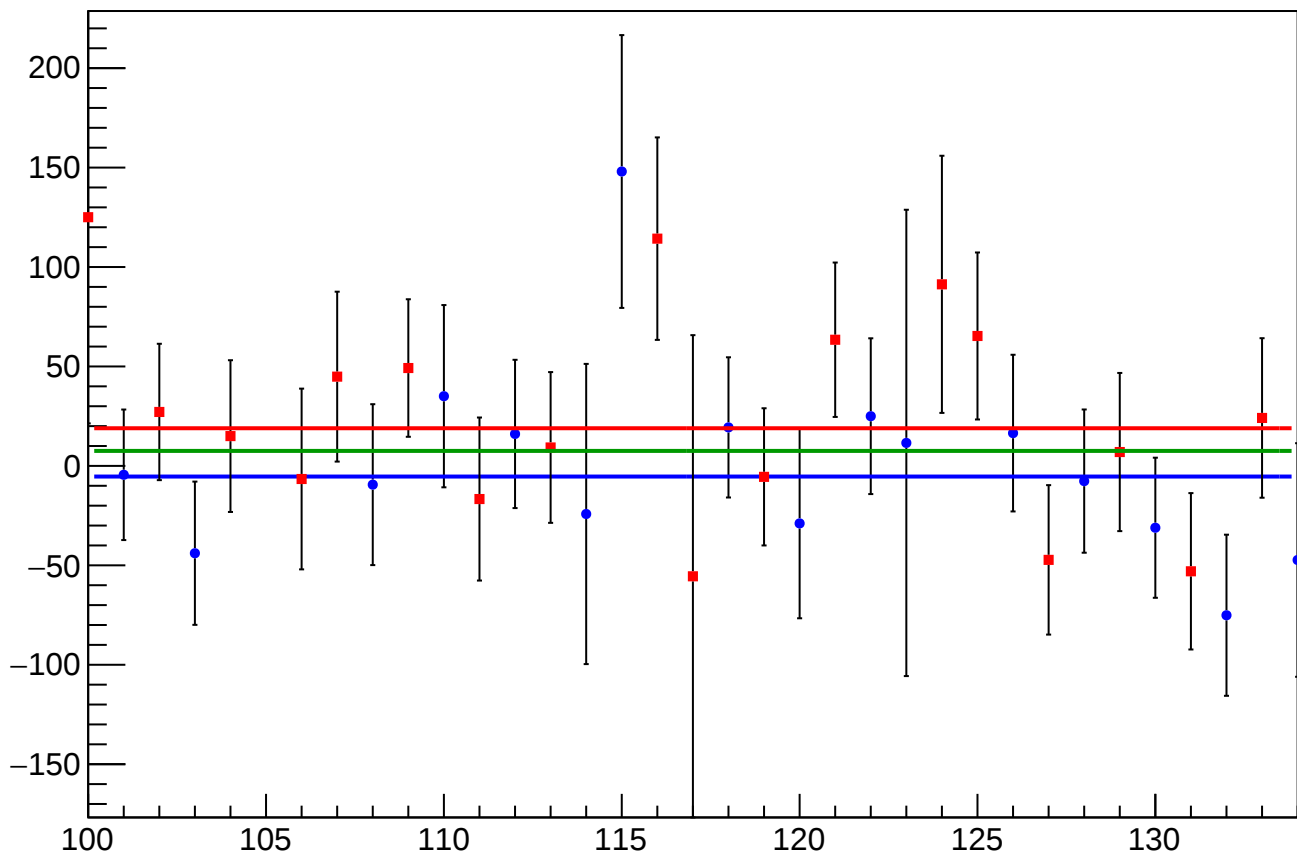
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.308 $\pm$ 0.061 χ^2 /NDF: 965378.3/15

185.610 $\pm$ 0.040 χ^2 /NDF: 2530485.2/33

177.437 $\pm$ 0.054 χ^2 /NDF: 1511529.5/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.353+/-10.550 χ^2/NDF : 13.0/15

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

Right Out: 18.931+/-9.919 χ^2/NDF : 18.1/17

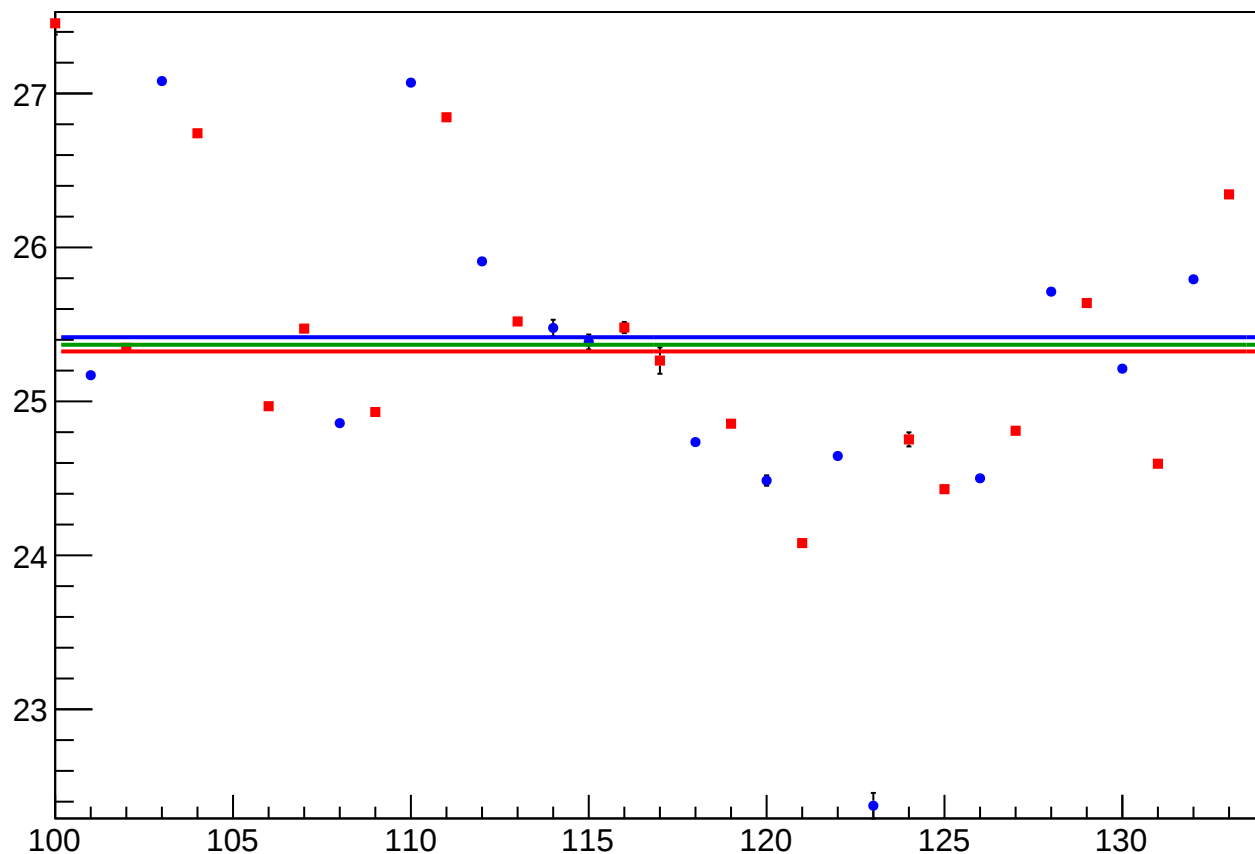
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.353+/-10.550 χ^2/NDF : 13.0/15

7.537+/-7.227 χ^2/NDF : 33.9/33

18.931+/-9.919 χ^2/NDF : 18.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.417+/-0.007 χ^2/NDF : 12907.2/15

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

Right Out: 25.324+/-0.007 χ^2/NDF : 12811.8/17

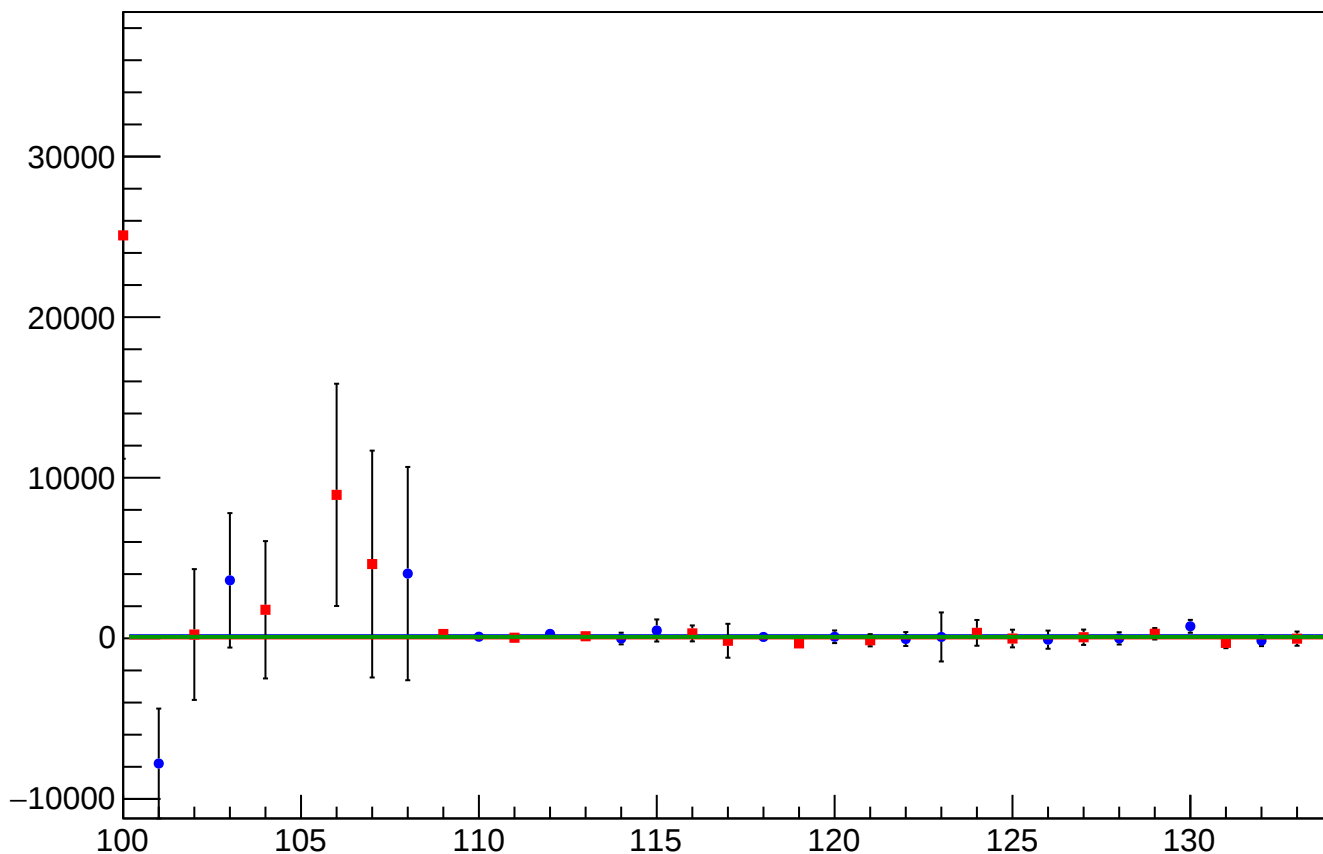
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.417+/-0.007 χ^2/NDF : 12907.2/15

25.368+/-0.005 χ^2/NDF : 25800.5/33

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: 133.476+/-96.003 χ^2/NDF : 10.9/15

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

Right Out: 54.784+/-87.376 χ^2/NDF : 10.7/17

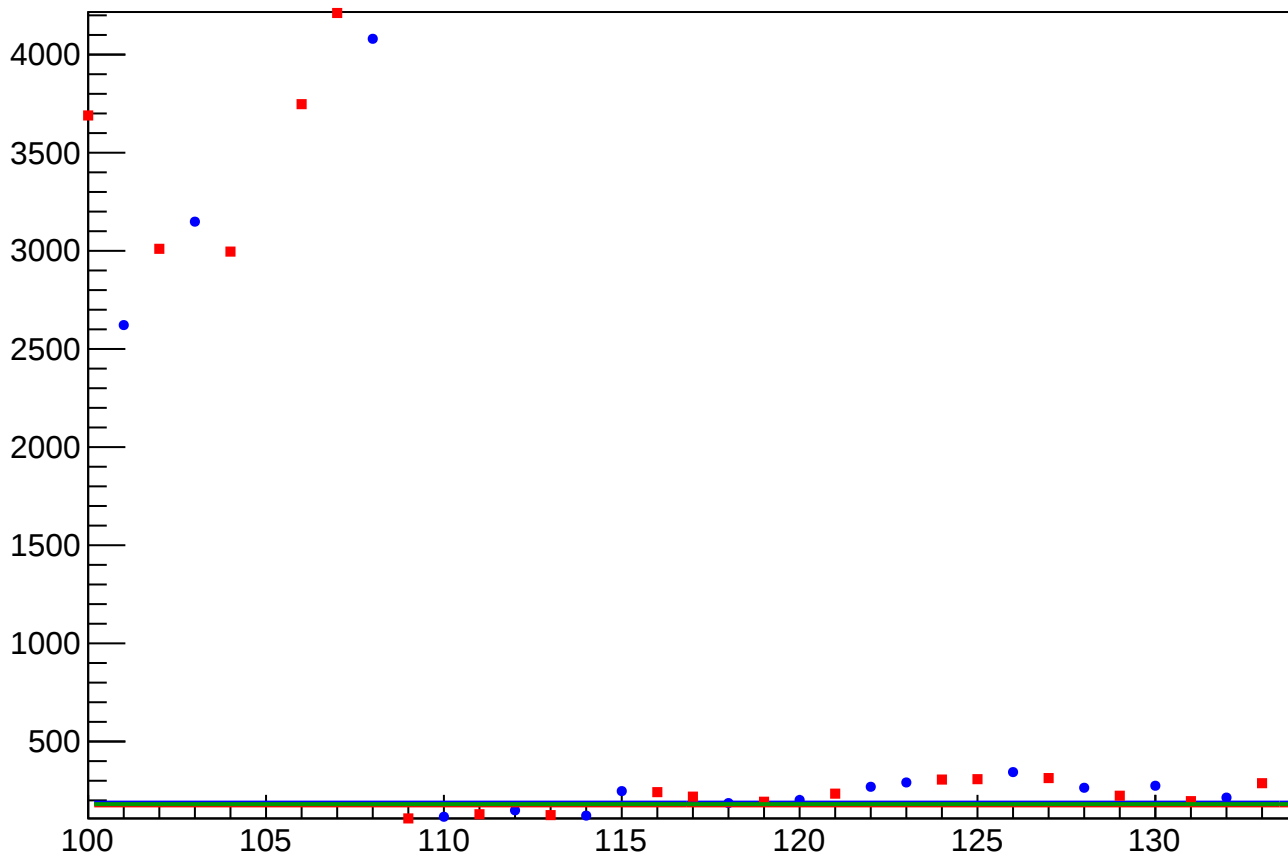
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.476+/-96.003 χ^2/NDF : 10.9/15

90.436+/-64.620 χ^2/NDF : 21.9/33

54.784+/-87.376 χ^2/NDF : 10.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.604 $\pm$ 0.068 χ^2 /NDF: 3561340.6/15

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

Right Out: 174.406 $\pm$ 0.062 χ^2 /NDF: 4200031.2/17

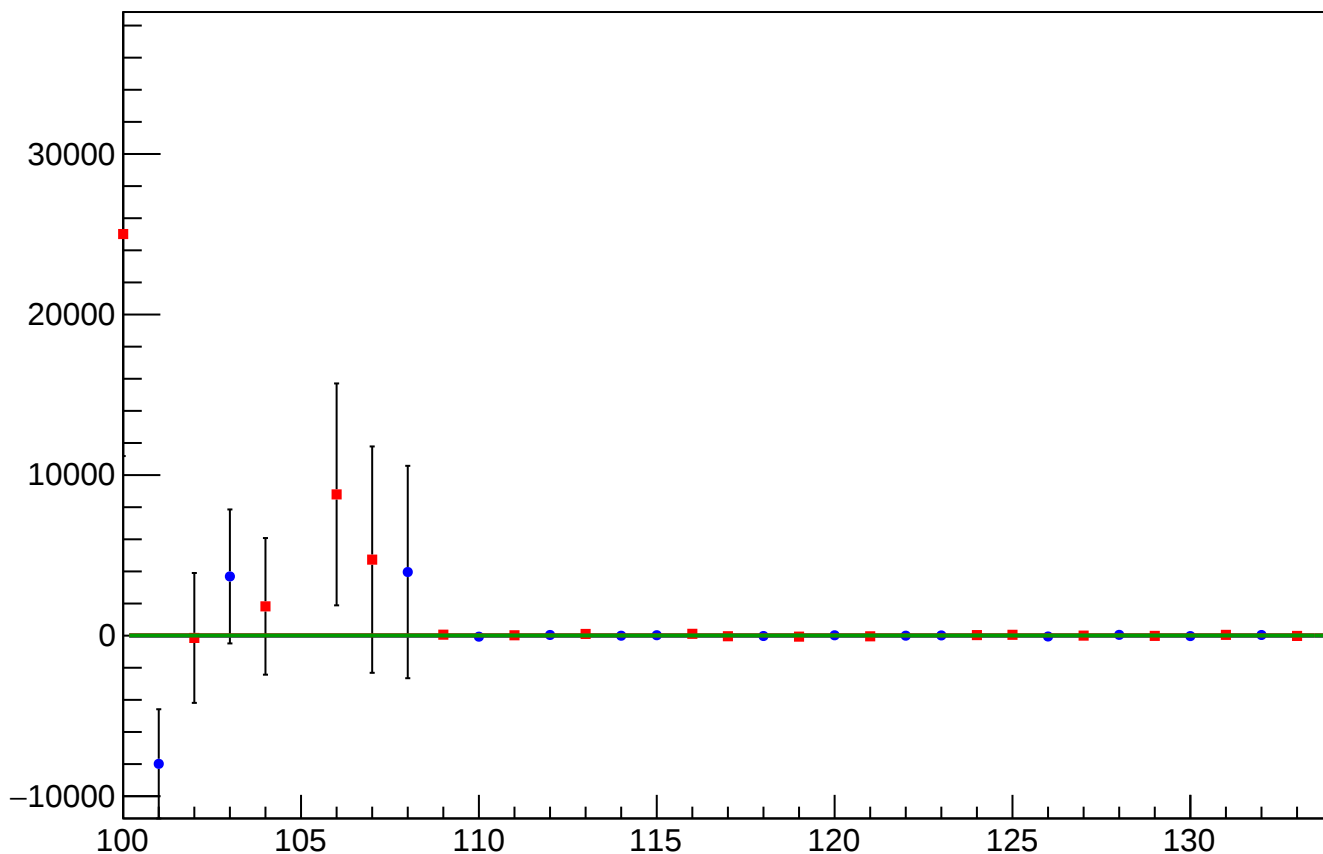
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

188.604 $\pm$ 0.068 χ^2 /NDF: 3561340.6/15

180.839 $\pm$ 0.046 χ^2 /NDF: 7785299.2/33

174.406 $\pm$ 0.062 χ^2 /NDF: 4200031.2/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.343+/-13.374 χ^2/NDF : 15.5/15

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

Right Out: 19.028+/-13.060 χ^2/NDF : 22.0/17

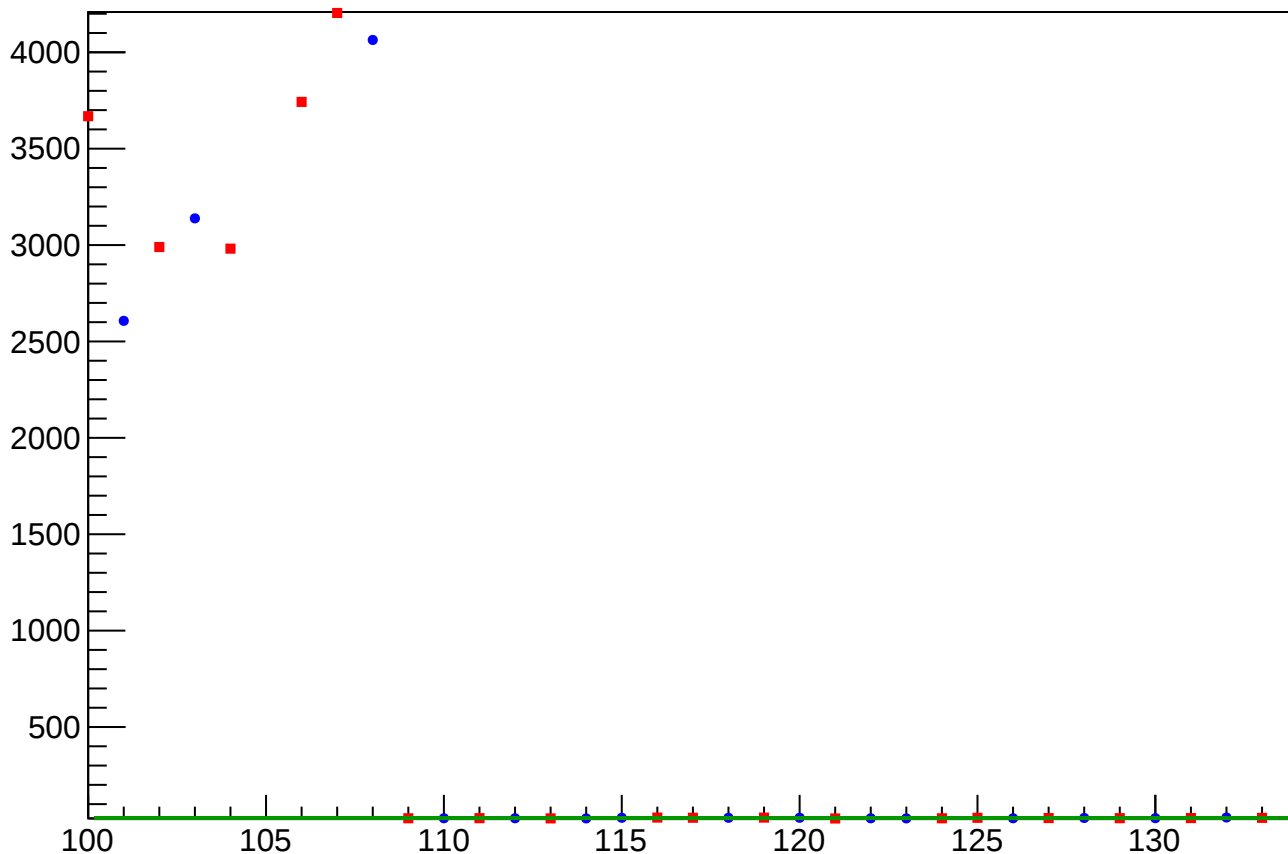
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.343+/-13.374 χ^2/NDF : 15.5/15

10.395+/-9.344 χ^2/NDF : 38.4/33

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: 27.730+/-0.009 χ^2/NDF : 3026553.3/15

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

Right Out: 27.738+/-0.009 χ^2/NDF : 3476925.8/17

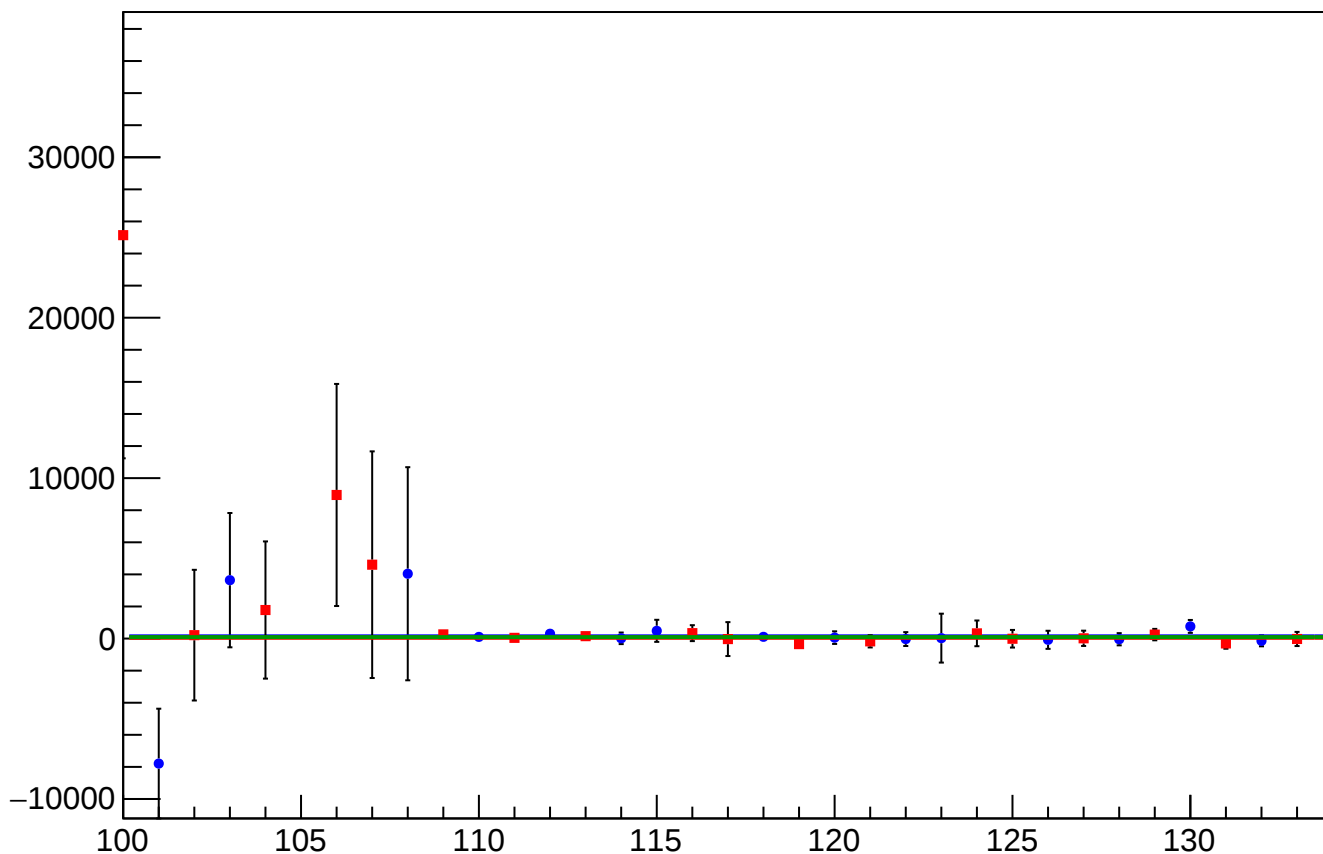
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.730+/-0.009 χ^2/NDF : 3026553.3/15

27.734+/-0.007 χ^2/NDF : 6503479.5/33

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: 138.994+/-95.695 χ^2/NDF : 11.1/15

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

Right Out: 48.678+/-87.063 χ^2/NDF : 11.2/17

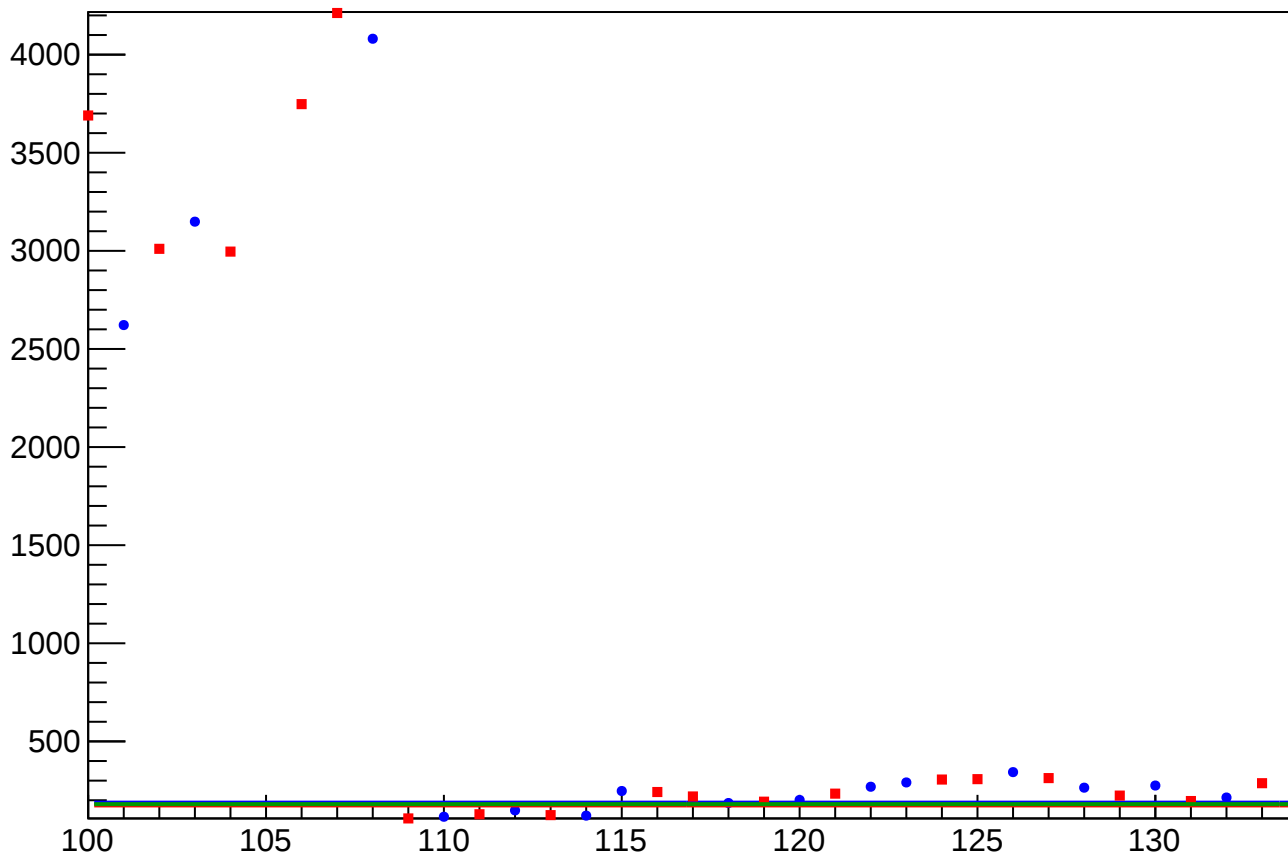
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.994+/-95.695 χ^2/NDF : 11.1/15

89.580+/-64.399 χ^2/NDF : 22.8/33

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: 187.867+/-0.068 χ^2/NDF : 3572890.8/15

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

Right Out: 173.650+/-0.062 χ^2/NDF : 4211840.3/17

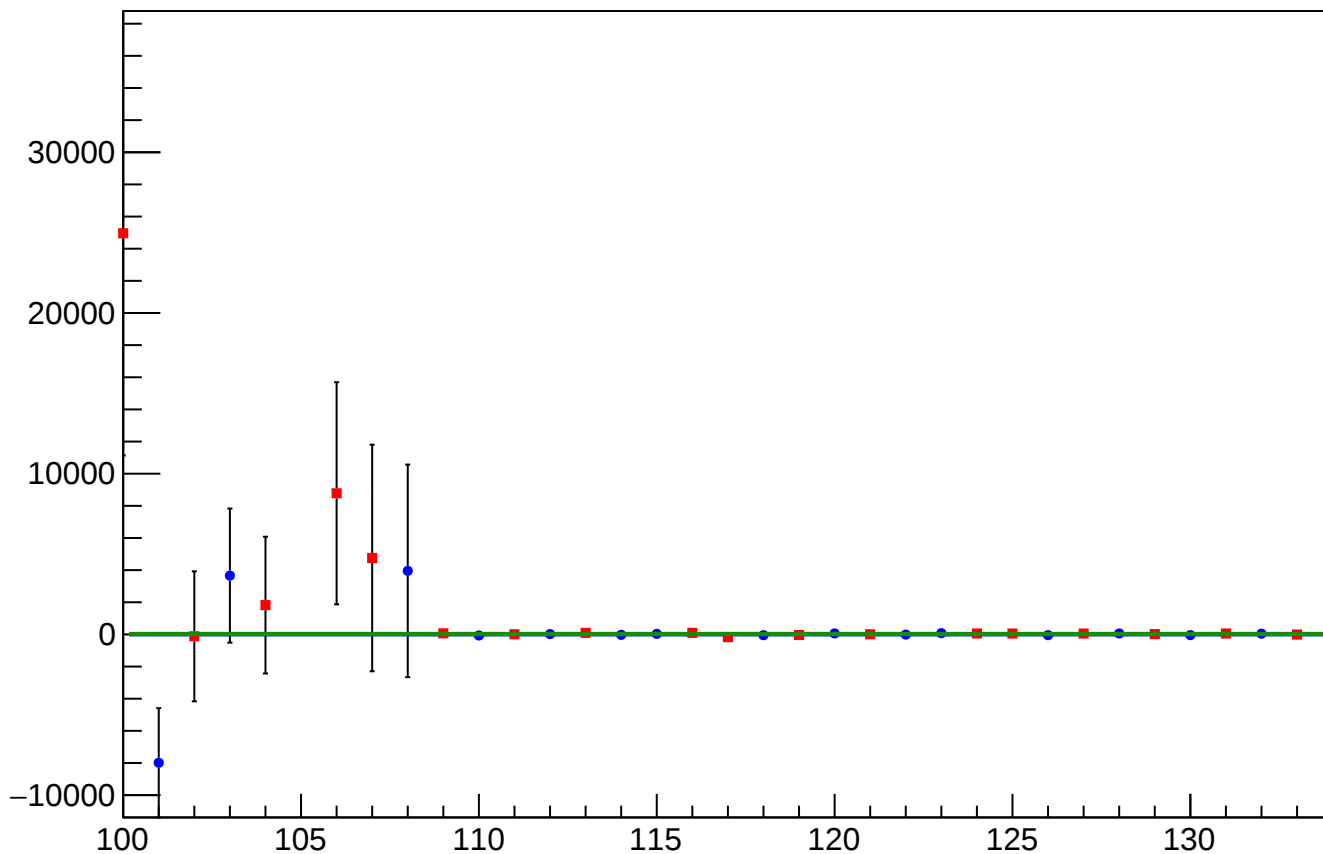
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

187.867+/-0.068 χ^2/NDF : 3572890.8/15

180.089+/-0.046 χ^2/NDF : 7808883.7/33

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: -0.304+/-13.466 χ^2/NDF : 20.4/15

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

Right Out: 33.137+/-13.177 χ^2/NDF : 16.7/17

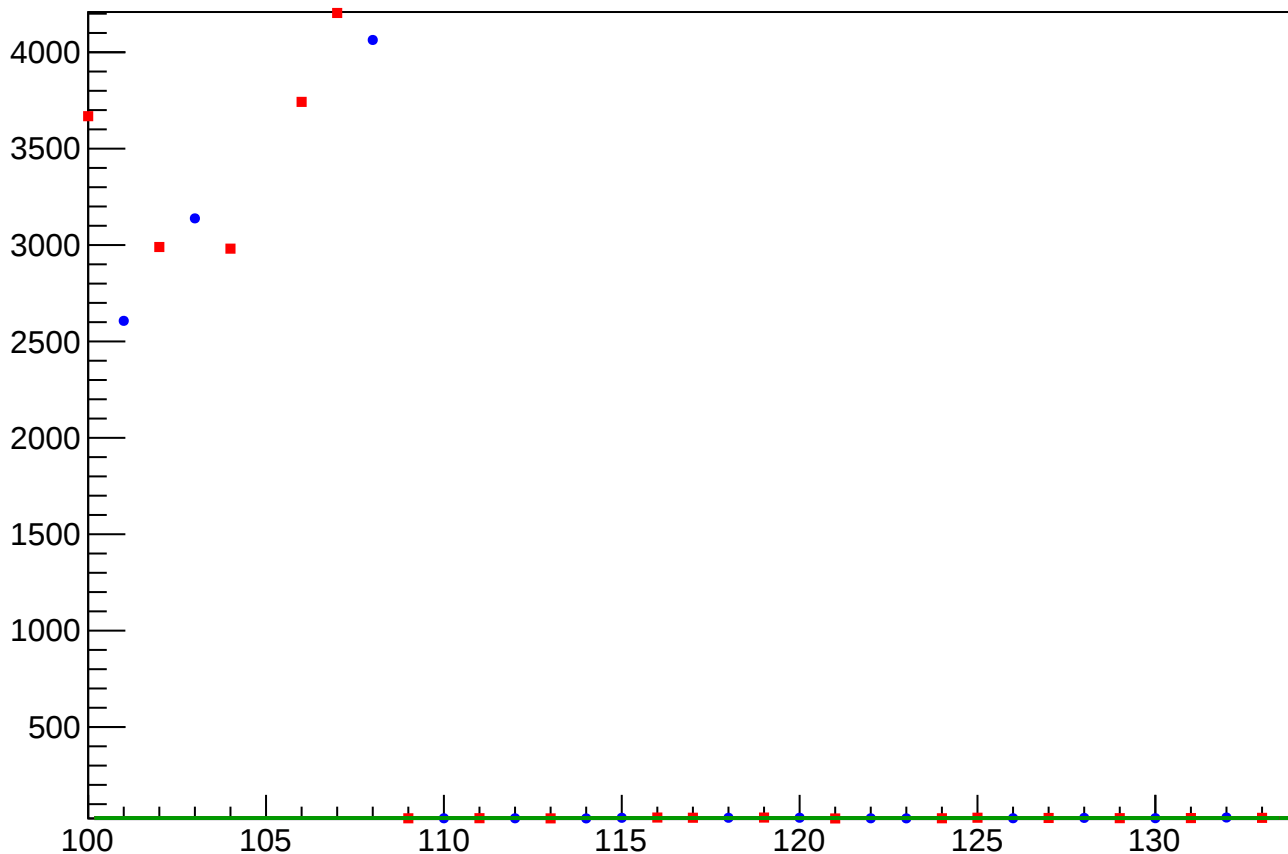
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.304+/-13.466 χ^2/NDF : 20.4/15

16.780+/-9.418 χ^2/NDF : 40.3/33

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: 27.918+/-0.010 χ^2 /NDF: 3026783.0/15

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

Right Out: 27.981+/-0.009 χ^2 /NDF: 3479564.0/17

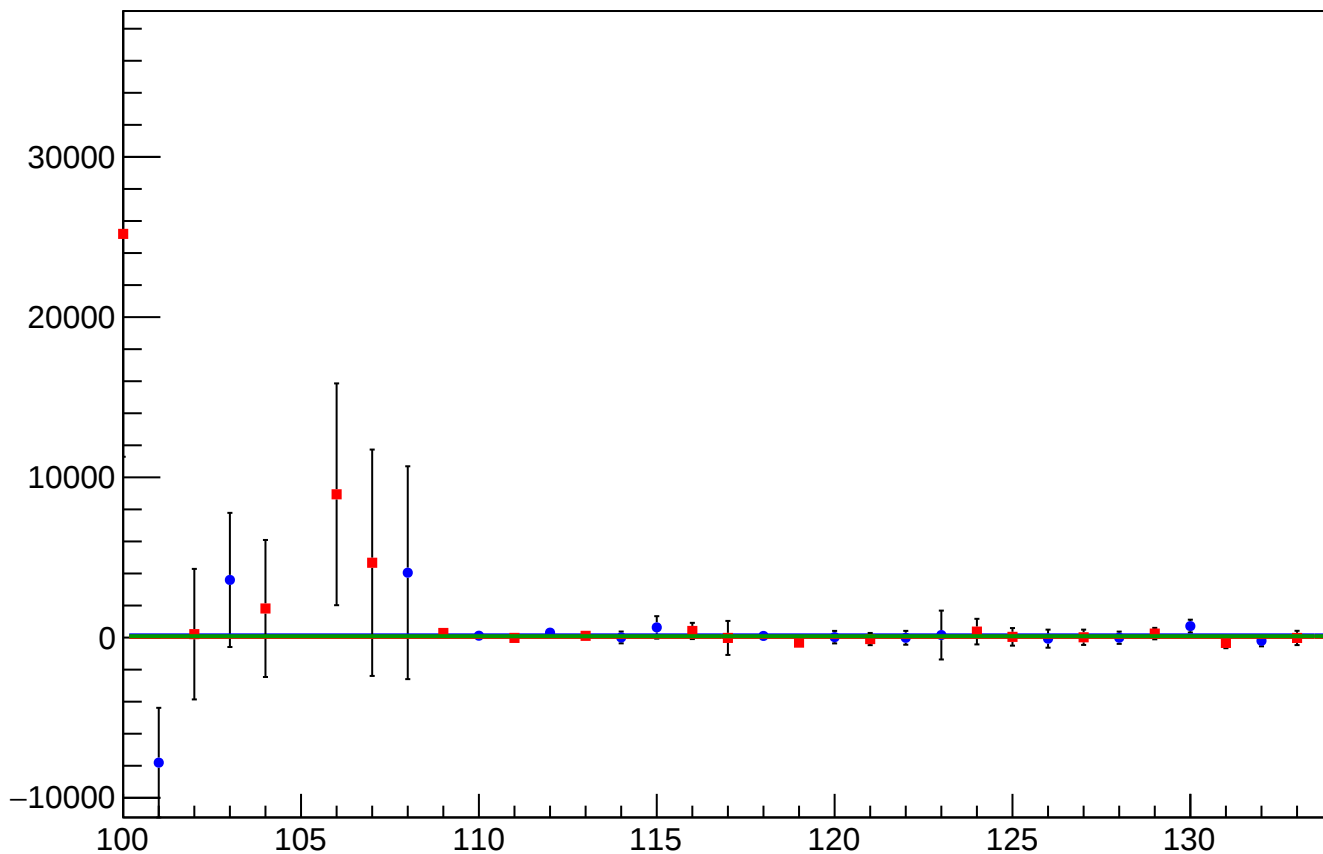
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.918+/-0.010 χ^2 /NDF: 3026783.0/15

27.950+/-0.007 χ^2 /NDF: 6506369.0/33

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: 139.860 $\pm$ 96.813 χ^2 /NDF: 11.3/15

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

Right Out: 39.876 $\pm$ 88.215 χ^2 /NDF: 11.2/17

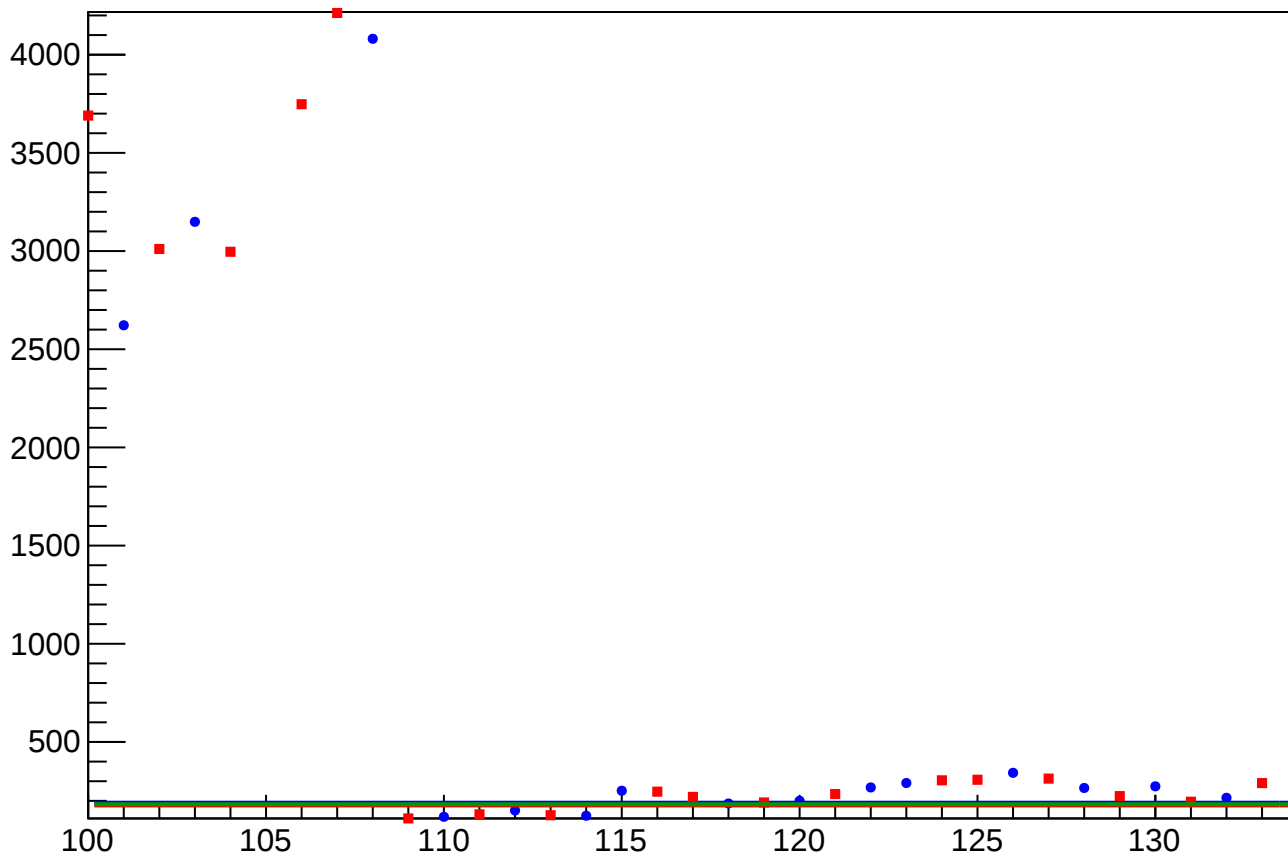
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139.860 $\pm$ 96.813 χ^2 /NDF: 11.3/15

85.233 $\pm$ 65.206 χ^2 /NDF: 23.1/33

39.876 $\pm$ 88.215 χ^2 /NDF: 11.2/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.609+/-0.068 χ^2/NDF : 3525006.5/15

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

Right Out: 176.597+/-0.062 χ^2/NDF : 4158226.9/17

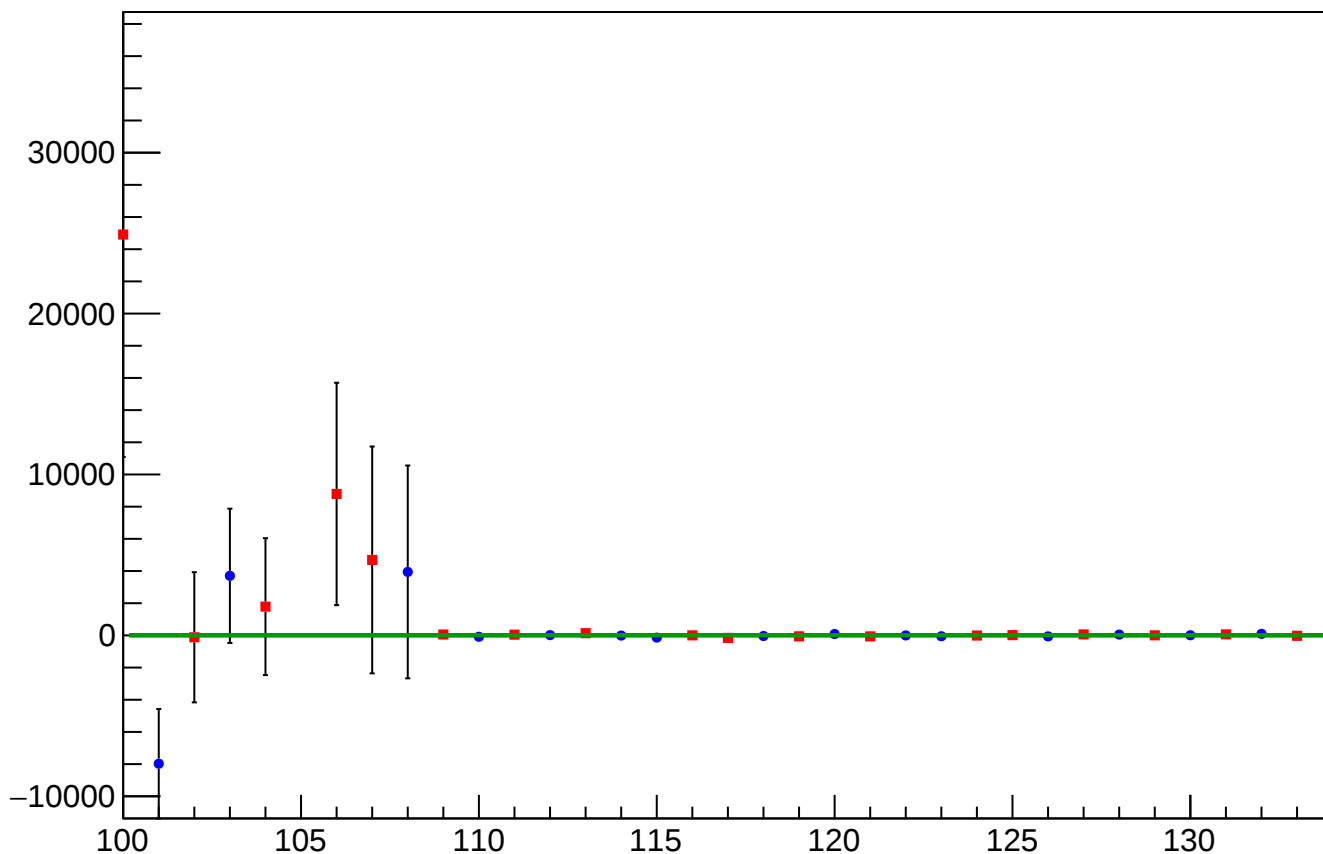
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.609+/-0.068 χ^2/NDF : 3525006.5/15

182.953+/-0.046 χ^2/NDF : 7706124.2/33

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: 2.245+/-16.397 χ^2/NDF : 20.2/15

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

Right Out: 19.103+/-15.921 χ^2/NDF : 20.5/17

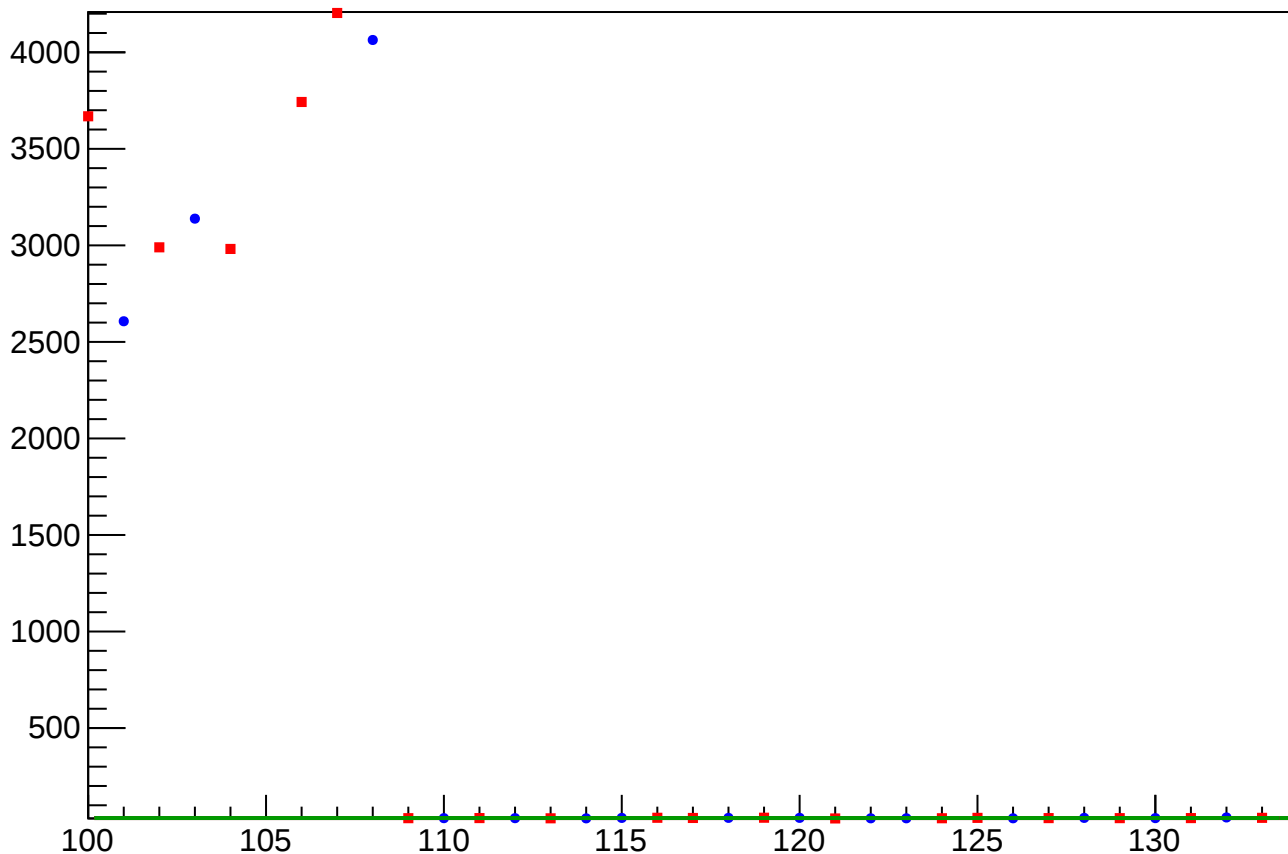
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.245+/-16.397 χ^2/NDF : 20.2/15

10.923+/-11.422 χ^2/NDF : 41.2/33

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: 34.028+/-0.012 χ^2/NDF : 3005598.1/15

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

Right Out: 33.879+/-0.011 χ^2/NDF : 3451742.7/17

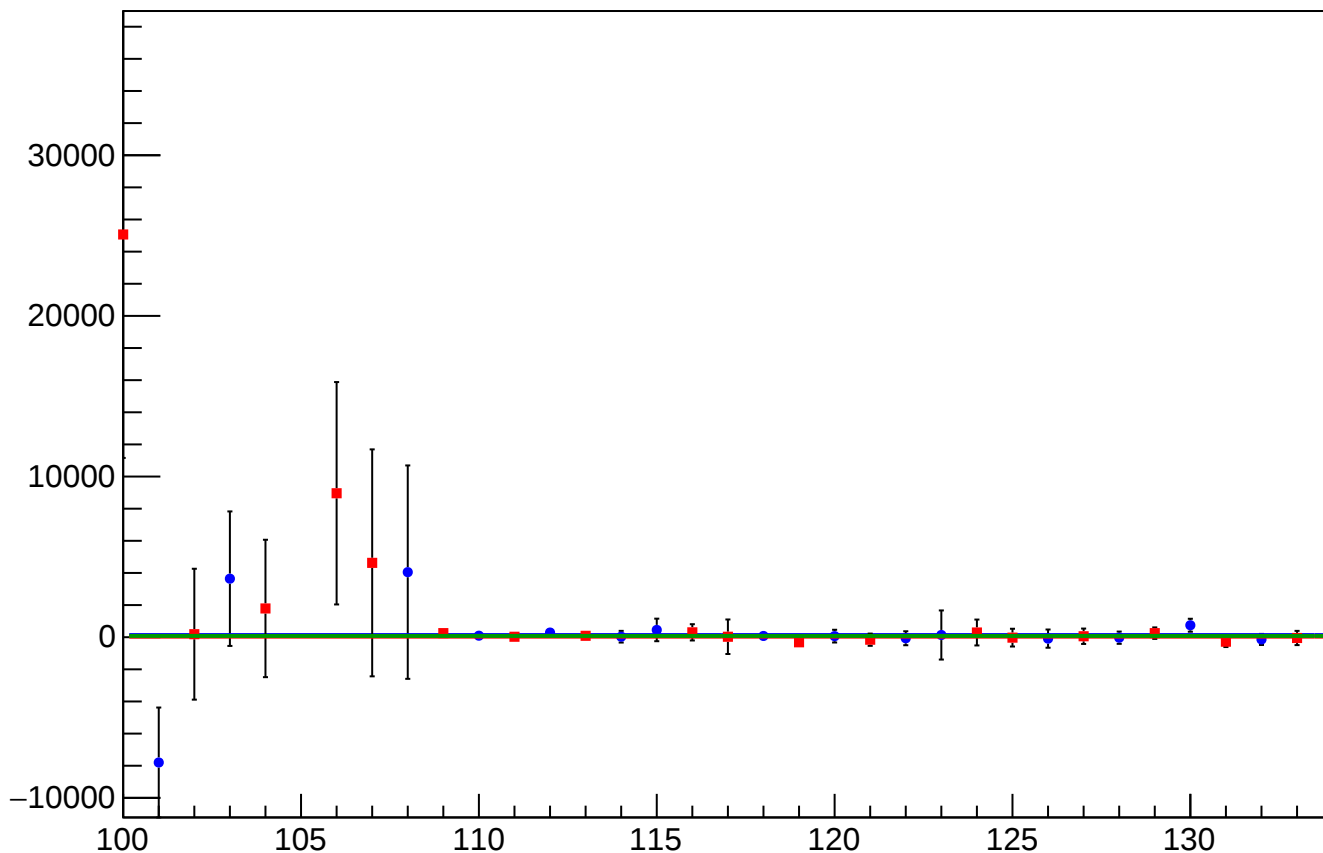
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.028+/-0.012 χ^2/NDF : 3005598.1/15

33.951+/-0.008 χ^2/NDF : 6457426.3/33

33.879+/-0.011 χ^2/NDF : 3451742.7/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 131.664+/-96.357 χ^2/NDF : 11.0/15

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

Right Out: 36.672+/-87.749 χ^2/NDF : 10.2/17

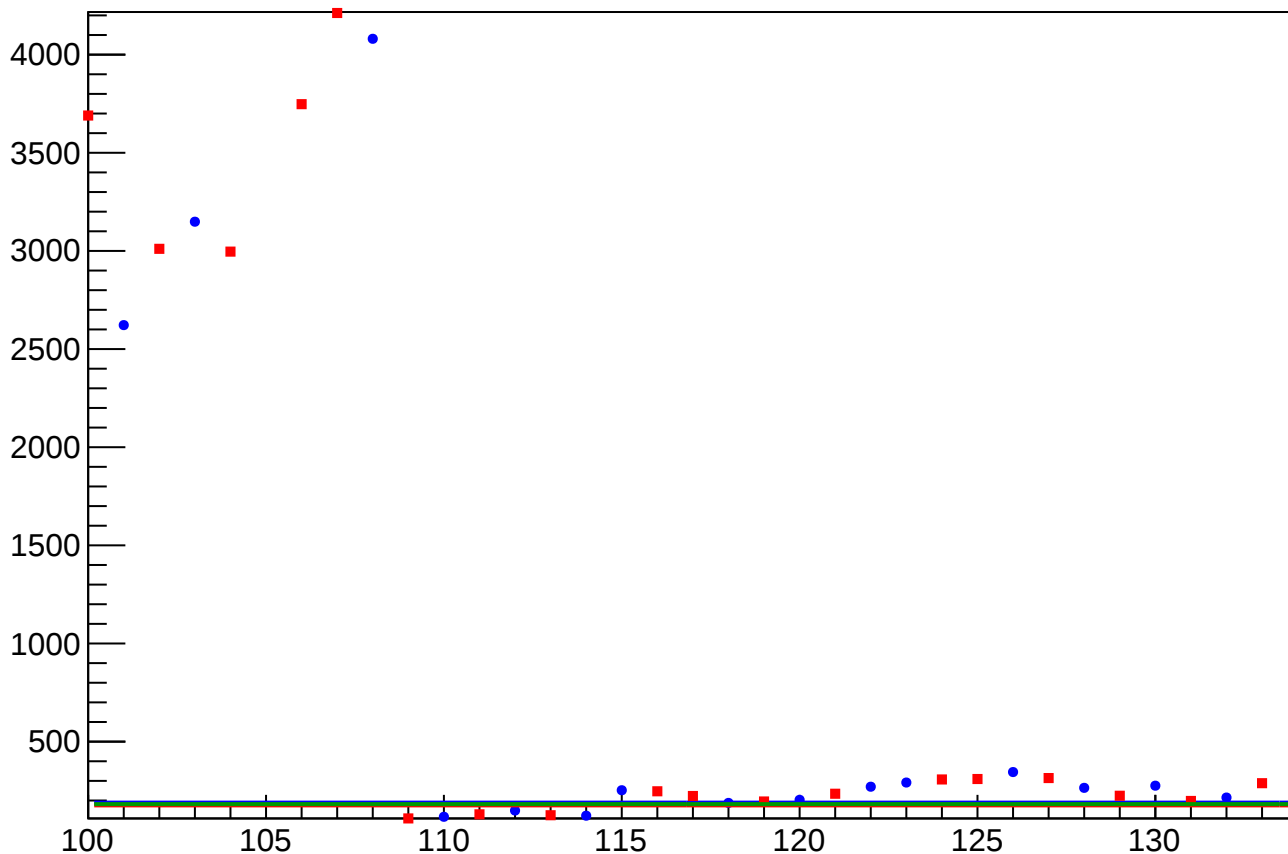
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

131.664+/-96.357 χ^2/NDF : 11.0/15

79.737+/-64.878 χ^2/NDF : 21.7/33

36.672+/-87.749 χ^2/NDF : 10.2/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.297 $\pm$ 0.068 χ^2 /NDF: 3562844.7/15

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

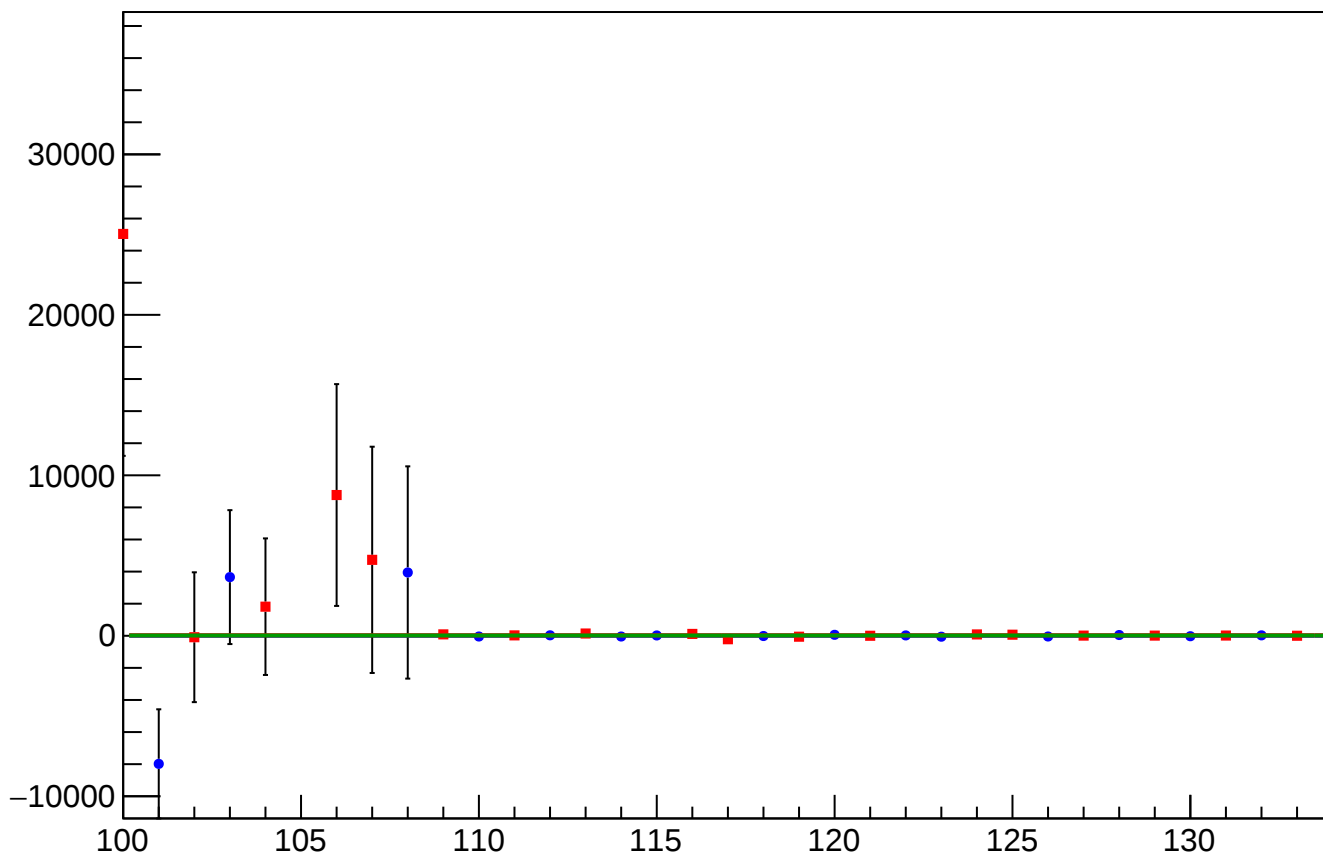
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

189.297 $\pm$ 0.068 χ^2 /NDF: 3562844.7/15

181.563 $\pm$ 0.046 χ^2 /NDF: 7790737.5/33

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: 4.536+/-14.956 χ^2 /NDF: 12.7/15

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

Right Out: 31.709+/-14.584 χ^2 /NDF: 22.8/17

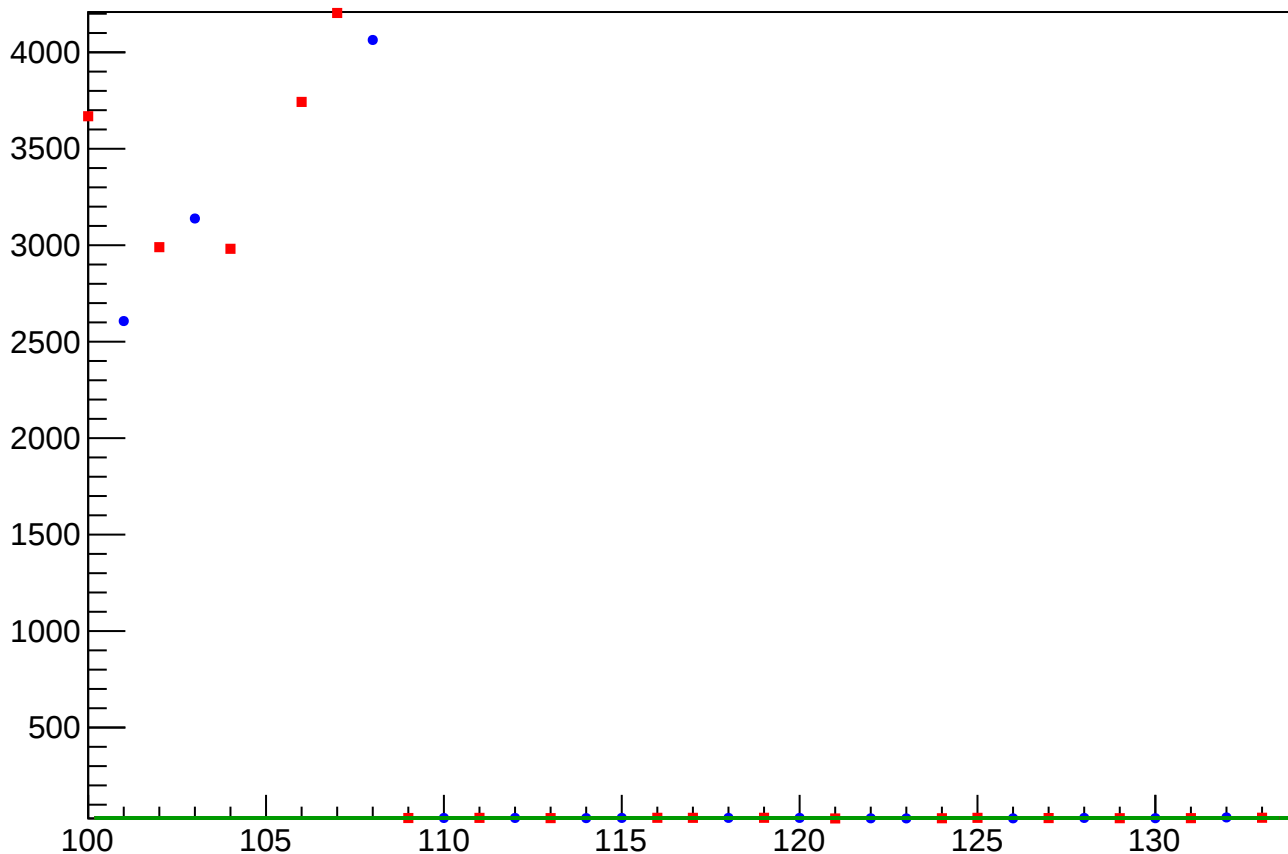
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4.536+/-14.956 χ^2 /NDF: 12.7/15

18.464+/-10.442 χ^2 /NDF: 37.2/33

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: 31.042 $\pm$ 0.011 χ^2 /NDF: 3013813.5/15

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

Right Out: 31.016 $\pm$ 0.010 χ^2 /NDF: 3458783.3/17

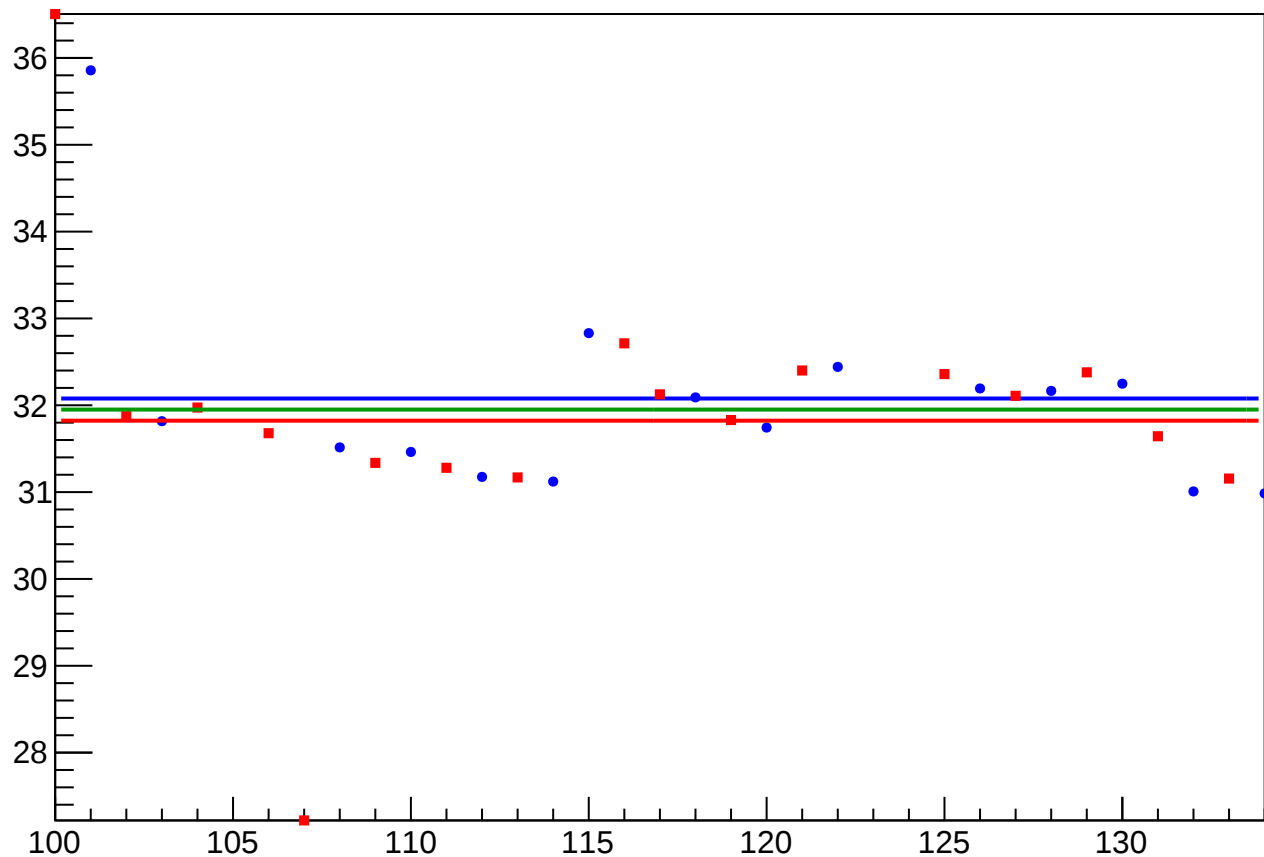
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.042 $\pm$ 0.011 χ^2 /NDF: 3013813.5/15

31.028 $\pm$ 0.007 χ^2 /NDF: 6472599.9/33

31.016 $\pm$ 0.010 χ^2 /NDF: 3458783.3/17

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.078+/-0.000 χ^2/NDF : 1121255335.8/14

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

Right Out: 31.823+/-0.000 χ^2/NDF : 663349330.1/16

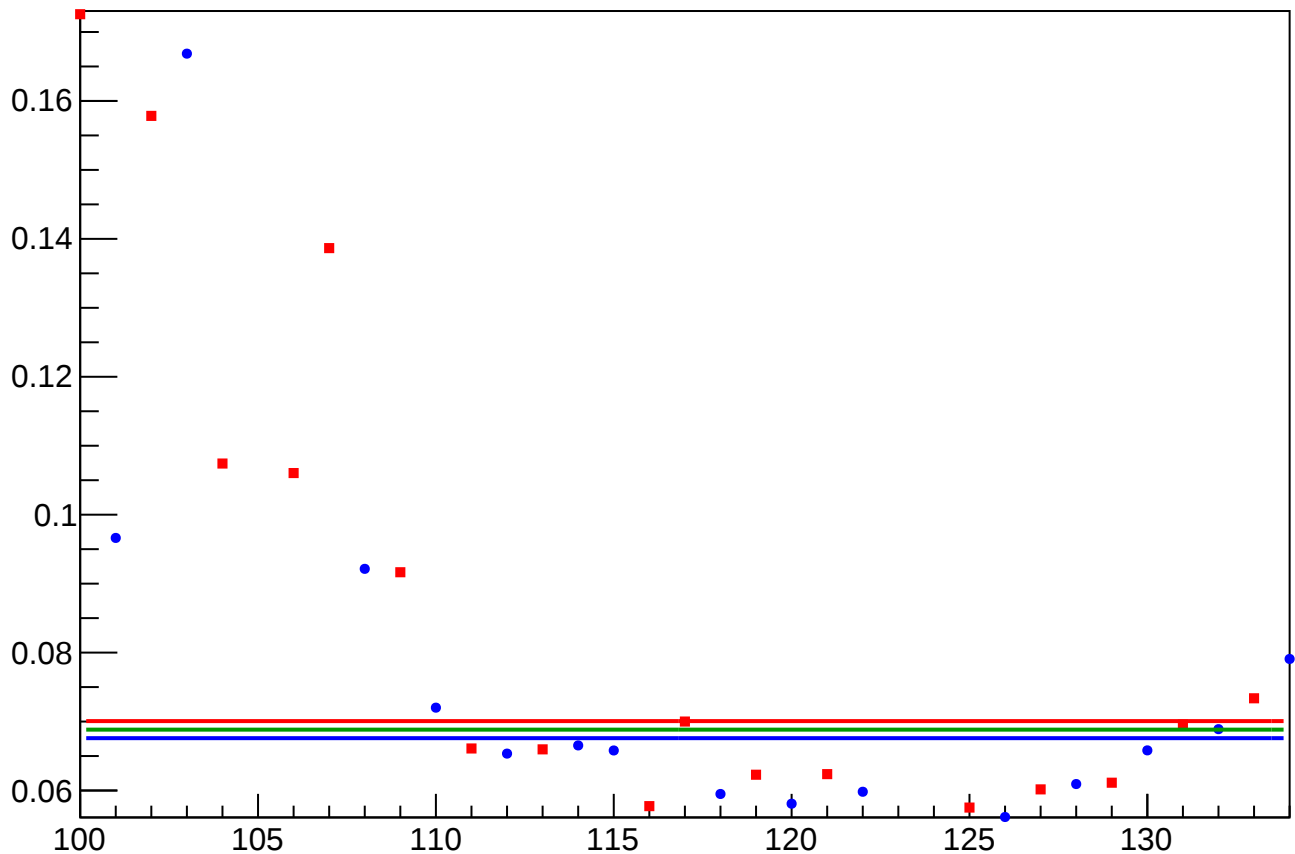
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.078+/-0.000 χ^2/NDF : 1121255335.8/14

31.951+/-0.000 χ^2/NDF : 1820204305.7/3

31.823+/-0.000 χ^2/NDF : 663349330.1/16

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 624650.4/14

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

Right Out: 0.070+/-0.000 χ^2/NDF : 838954.1/16

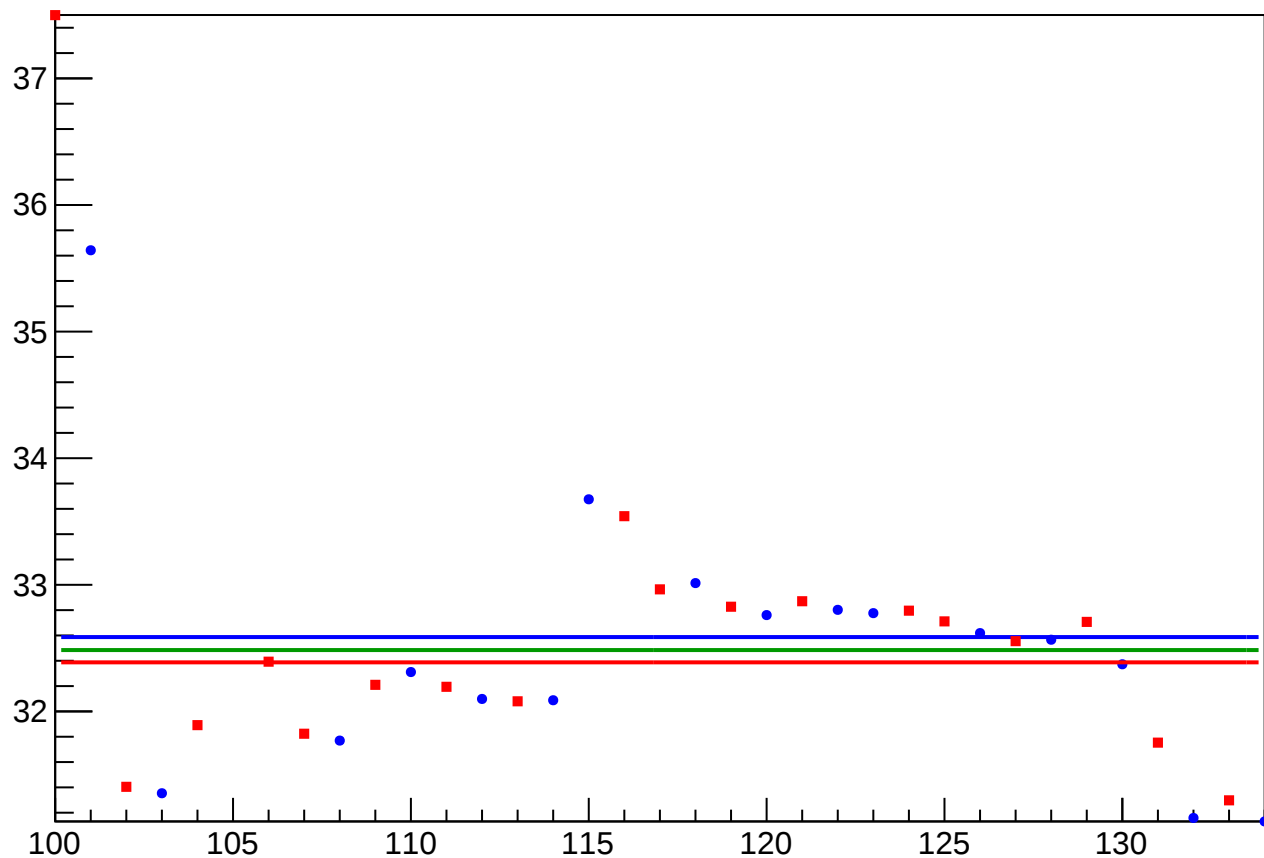
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.068+/-0.000 χ^2/NDF : 624650.4/14

0.069+/-0.000 χ^2/NDF : 1470296.6/31

0.070+/-0.000 χ^2/NDF : 838954.1/16

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.587+/-0.000 χ^2/NDF : 610332637.4/15

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

Right Out: 32.388+/-0.000 χ^2/NDF : 233422744.9/17

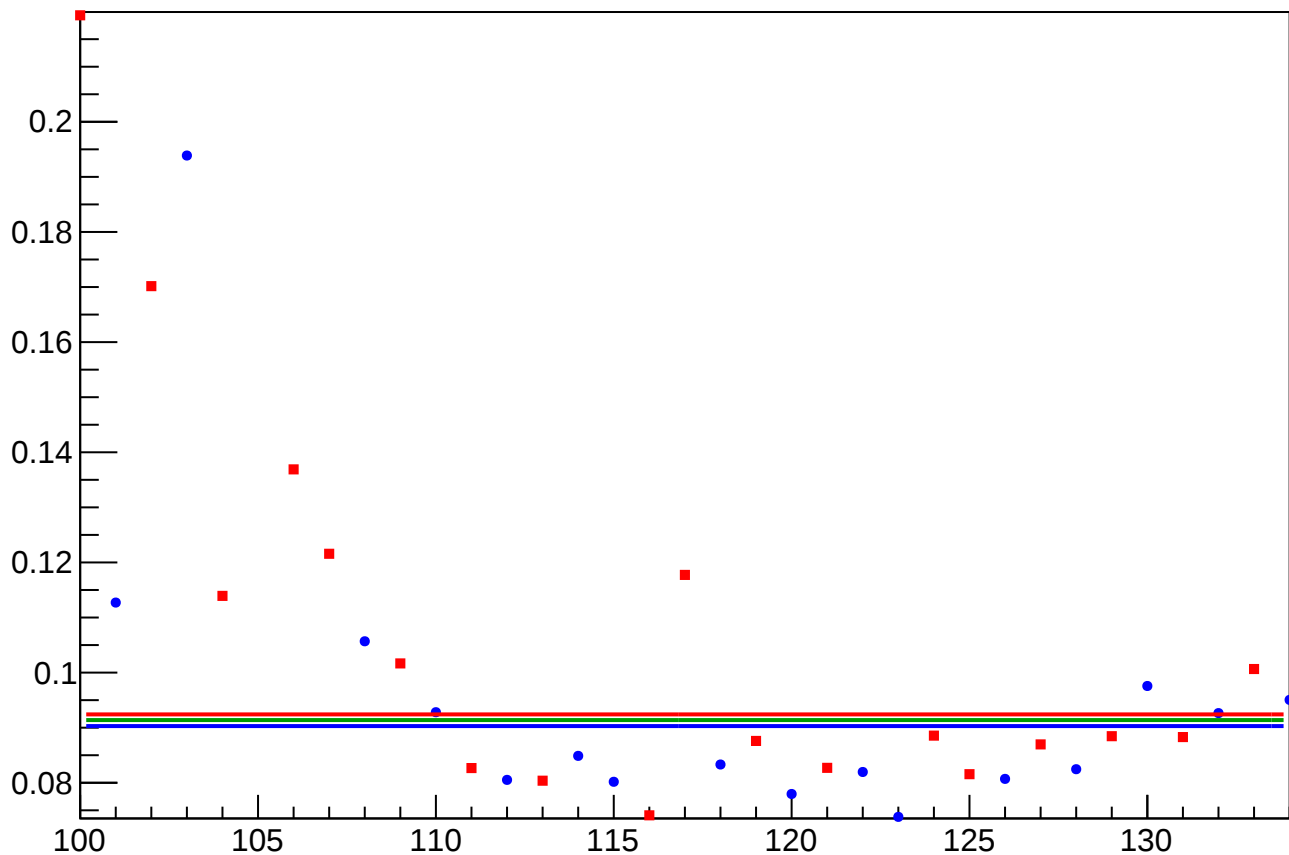
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.587+/-0.000 χ^2/NDF : 610332637.4/15

32.485+/-0.000 χ^2/NDF : 856491355.0/33

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 : 440649.2/15

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

Right Out: 0.092+/-0.000 χ^2/NDF : 471736.2/17

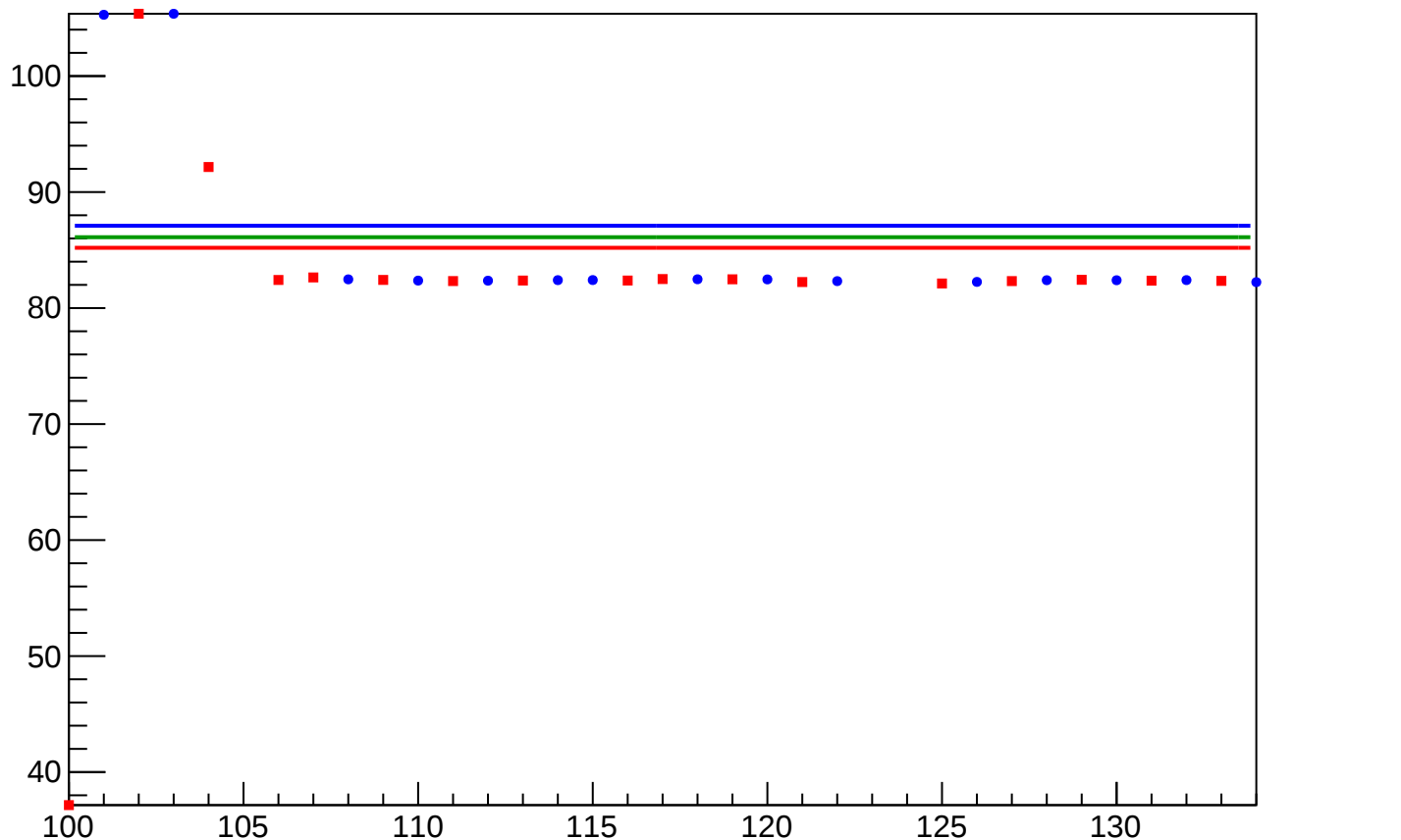
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.090+/-0.000 χ^2/NDF : 440649.2/15

0.091+/-0.000 χ^2/NDF : 915257.8/33

0.092+/-0.000 χ^2/NDF : 471736.2/17

yield_dsl_mean vs Slug, Sign Corrected



Right In: 87.096 $\pm$ 0.000 χ^2/NDF : 281142014013.6/14

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

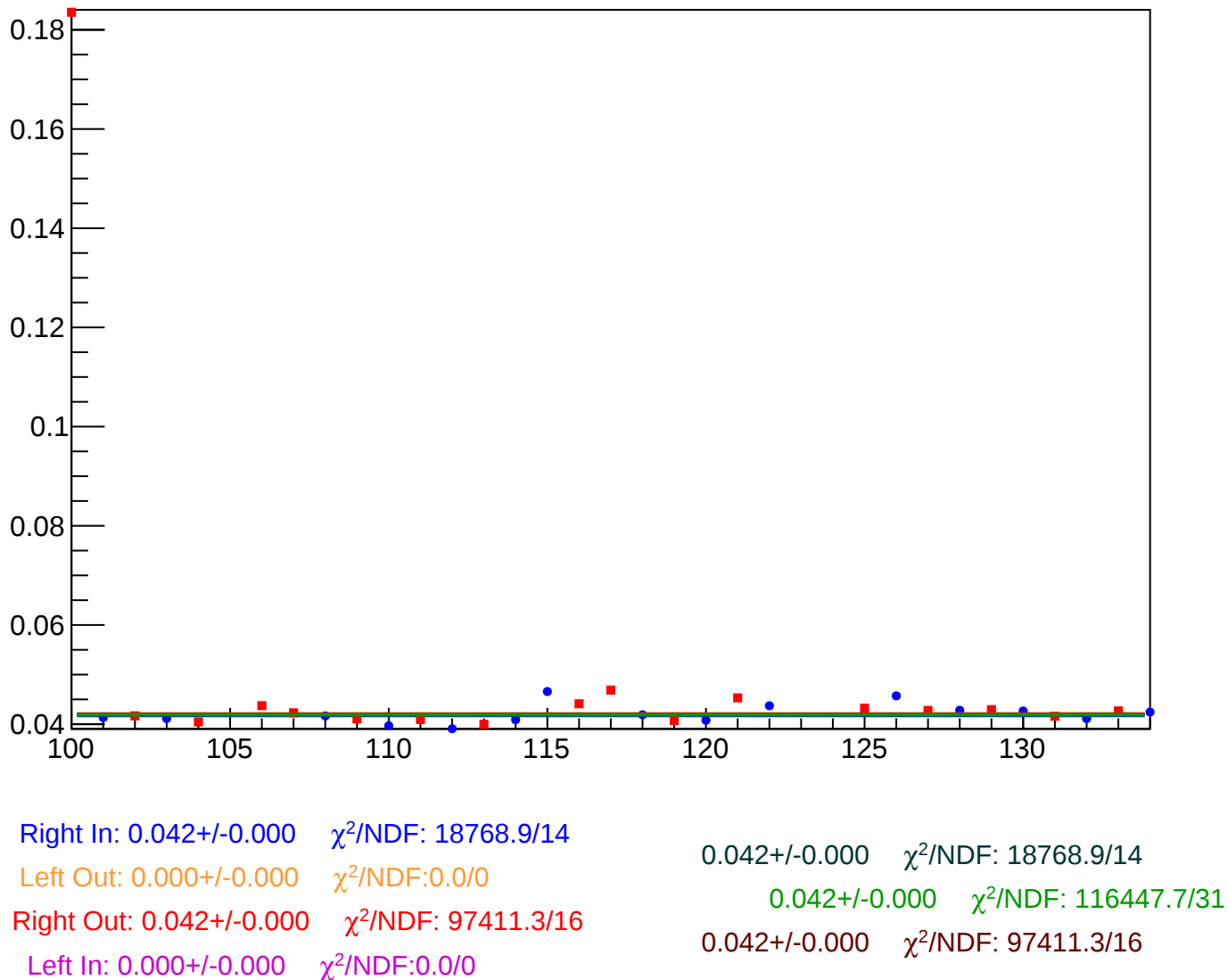
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

87.096 $\pm$ 0.000 χ^2/NDF : 281142014013.6/14

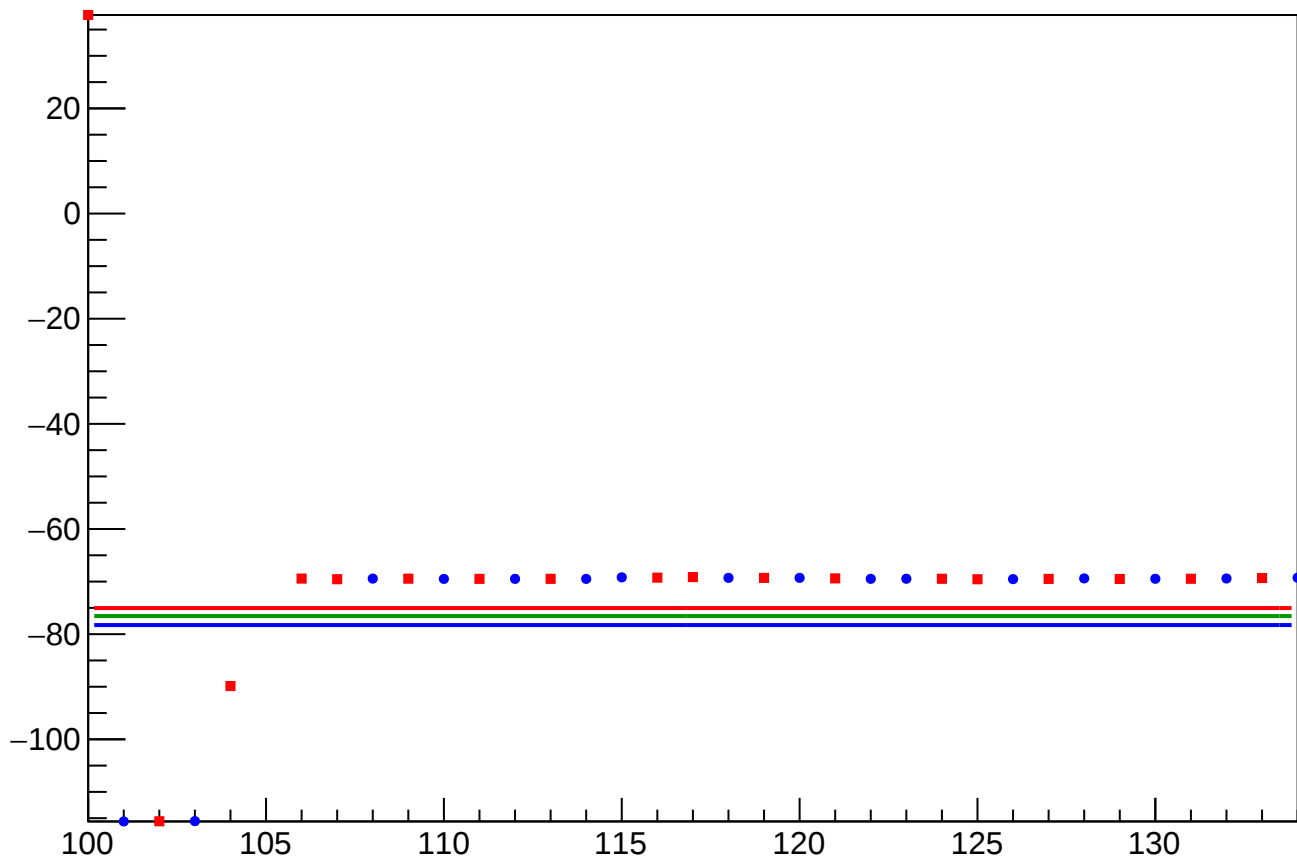
86.109 $\pm$ 0.000 χ^2/NDF : 456552893029.6

85.196 $\pm$ 0.000 χ^2/NDF : 169265000971.9/16

yield_dsl_rms vs Slug, Sign Corrected



yield_dsr_mean vs Slug, Sign Corrected



Right In: -78.266+/-0.000 χ^2/NDF : 547814054778.0/15

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

Right Out: -75.037+/-0.000 χ^2/NDF : 366712240166.0/17

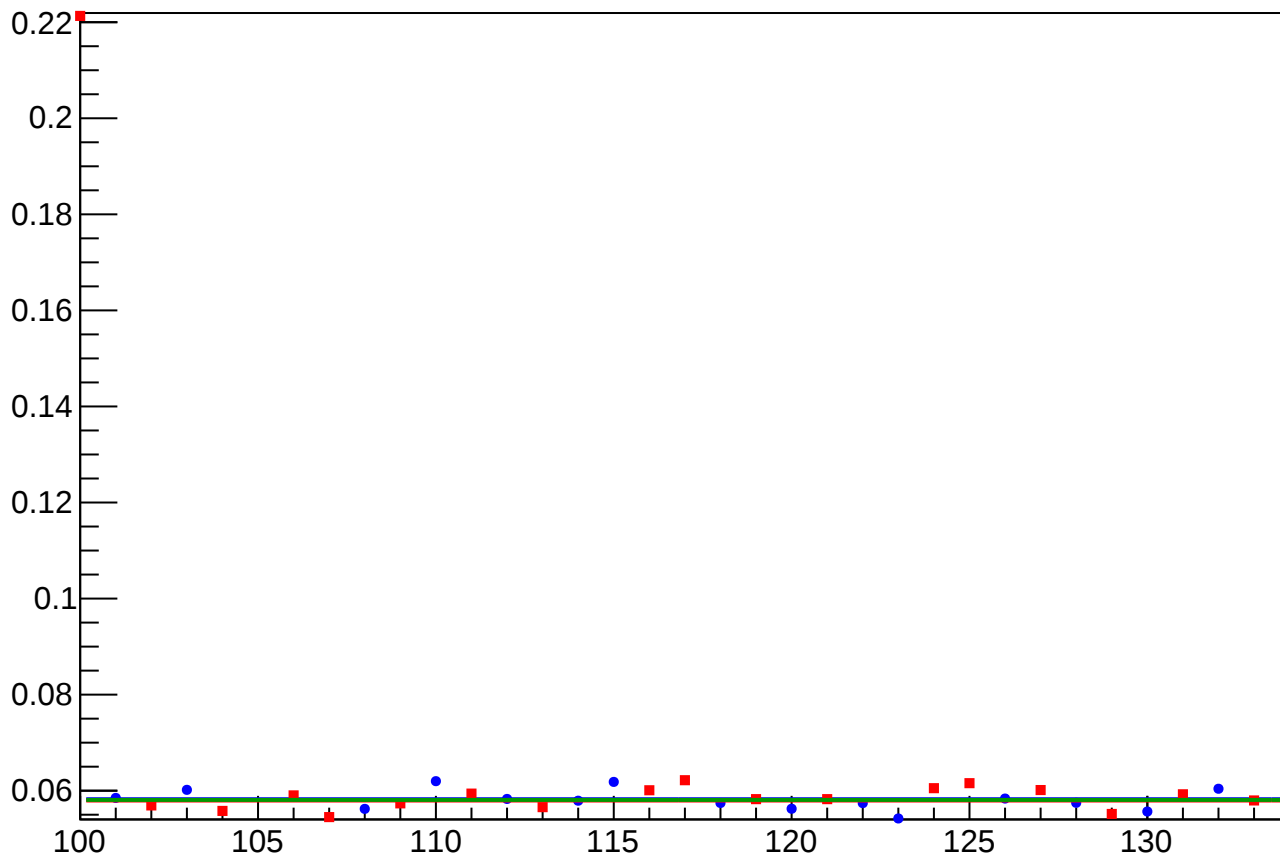
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-78.266+/-0.000 χ^2/NDF : 547814054778.0/15

-76.556+/-0.000 χ^2/NDF : 923684134474.0/15

-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 : 10718.7/15

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

Right Out: 0.058+/-0.000 χ^2/NDF : 86692.4/17

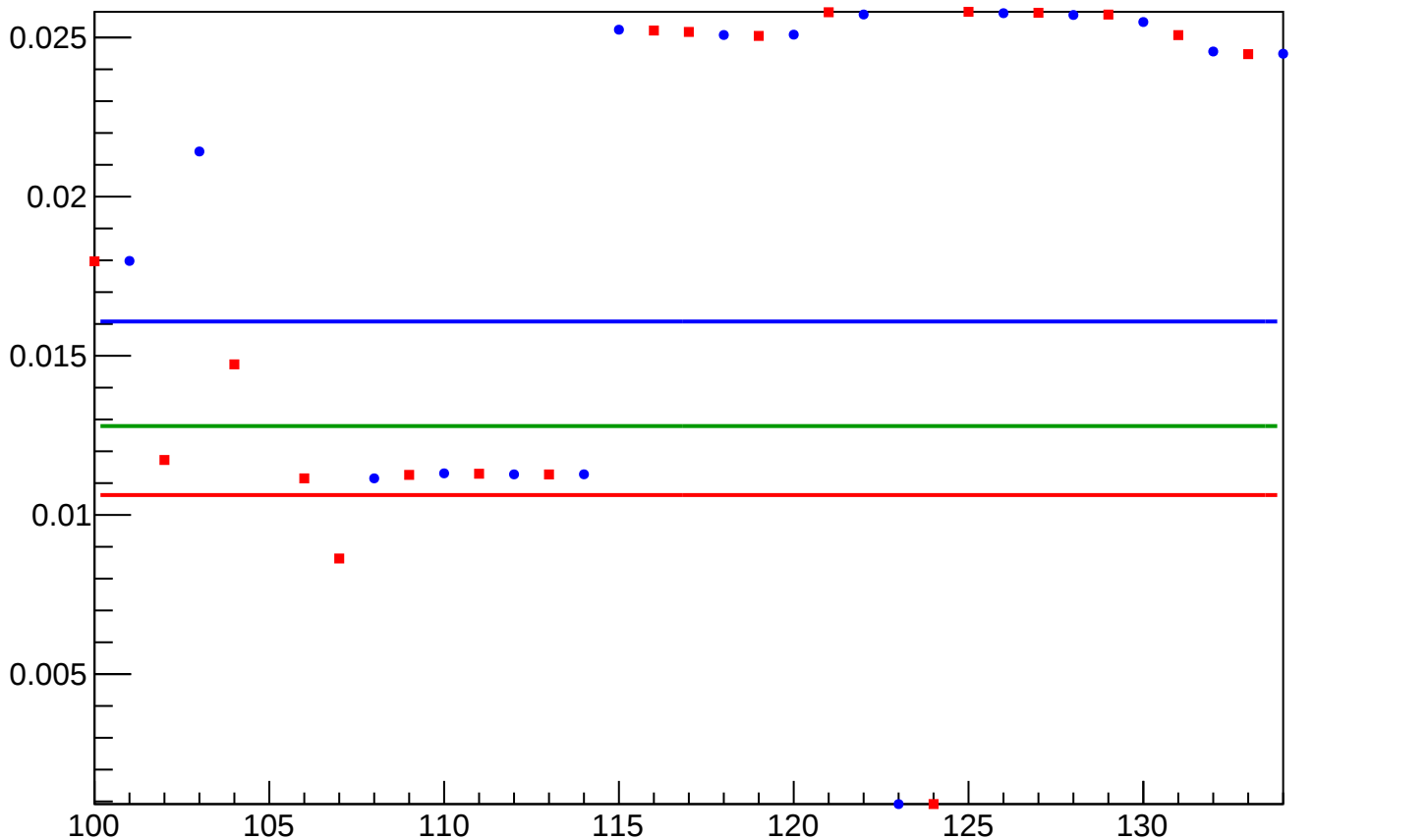
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 10718.7/15

0.058+/-0.000 χ^2/NDF : 97532.7/33

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 : 116411349625.6/15

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

0.016+/-0.000 χ^2/NDF : 116411349625.6/15

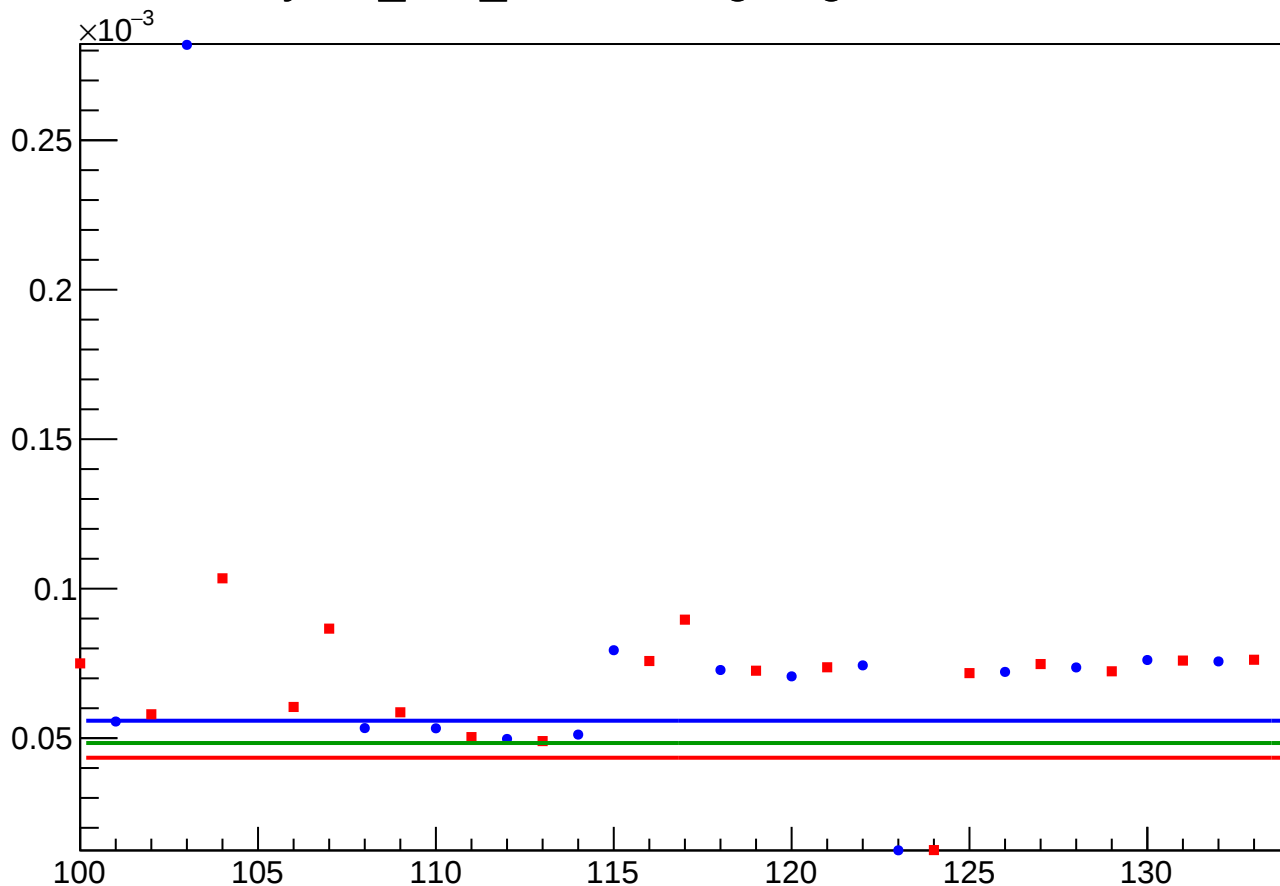
0.013+/-0.000 χ^2/NDF : 356803503198.7/17

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 : 1952149.1/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3430391.2/17

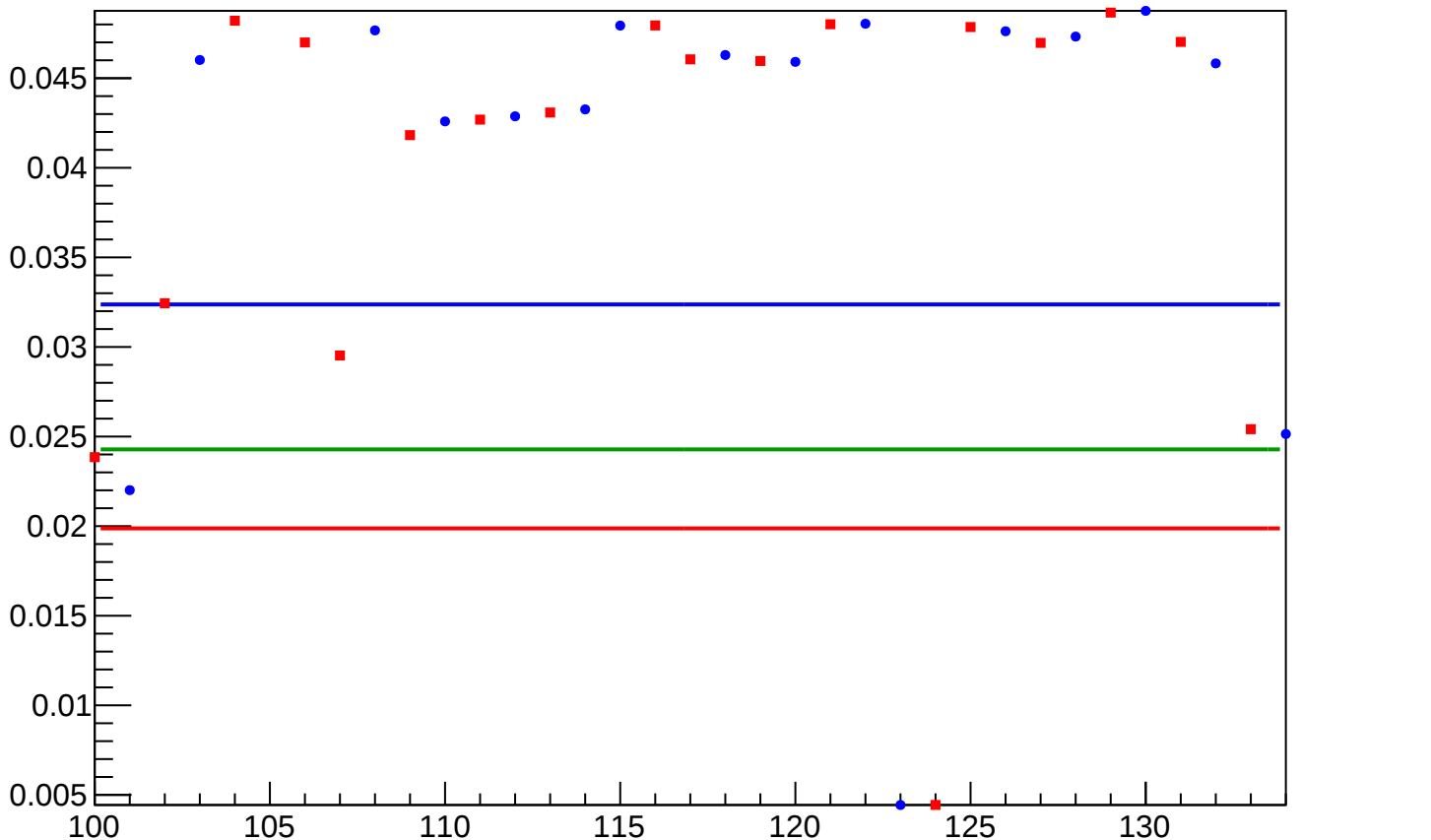
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1952149.1/15

0.000+/-0.000 χ^2/NDF : 5659172.6/33

0.000+/-0.000 χ^2/NDF : 3430391.2/17

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.000 χ^2 /NDF: 20226418695.0/15

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

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 40086281404.5/17

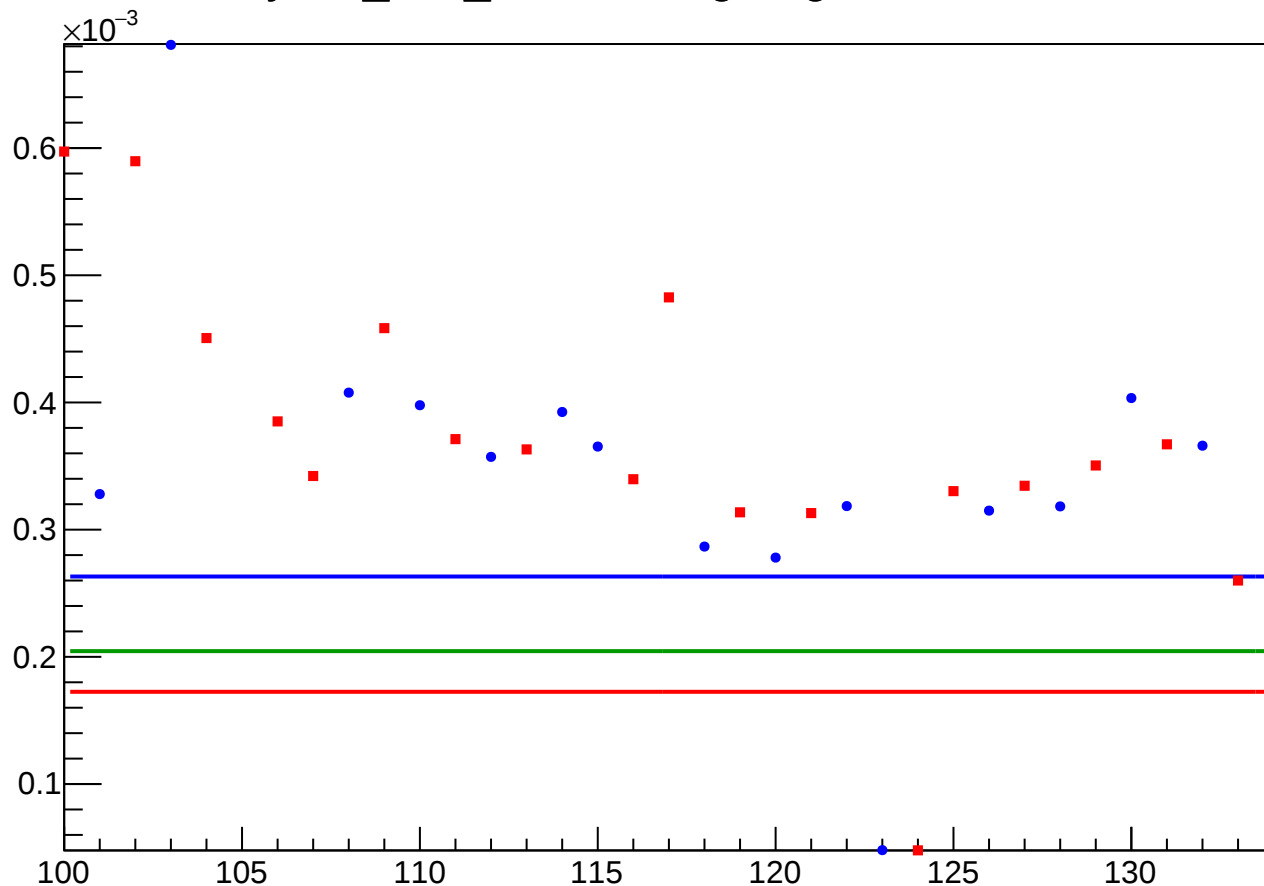
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.032 $\pm$ 0.000 χ^2 /NDF: 20226418695.0/15

0.024 $\pm$ 0.000 χ^2 /NDF: 66308614949.9/3

0.020 $\pm$ 0.000 χ^2 /NDF: 40086281404.5/17

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2401048.1/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5243943.2/17

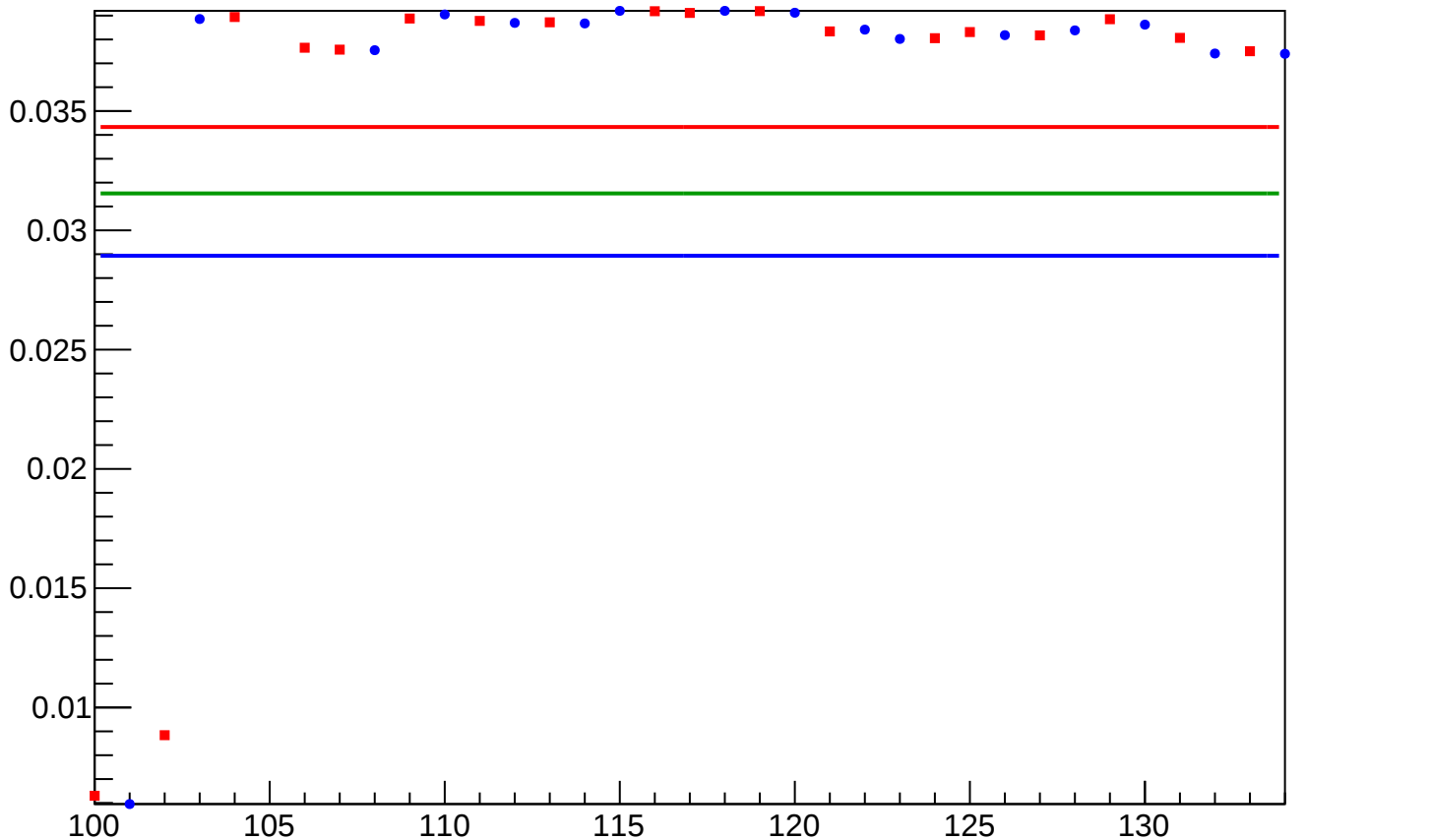
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2401048.1/15

0.000+/-0.000 χ^2/NDF : 8275383.7/33

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 : 93767861428.4/15

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

0.029+/-0.000 χ^2/NDF : 93767861428.4/15

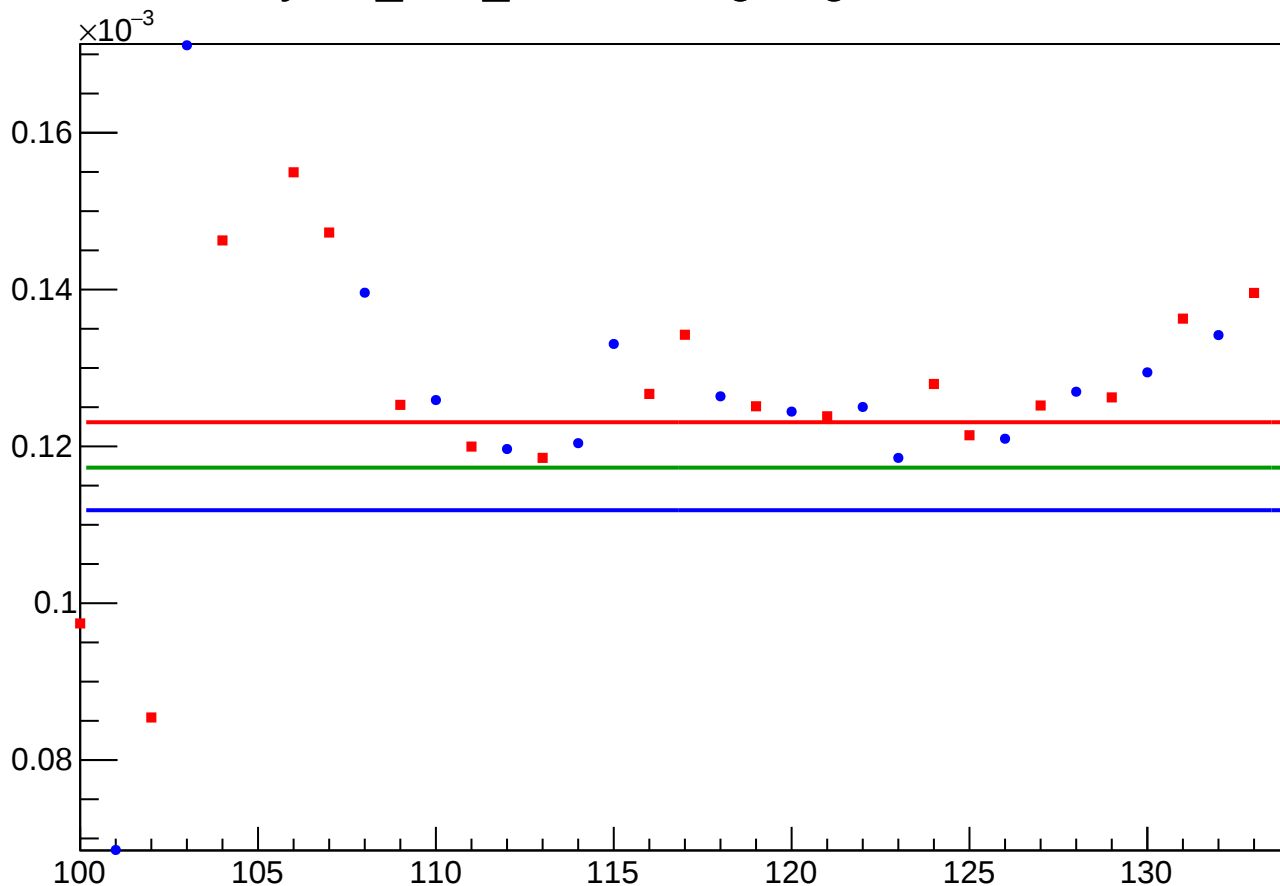
0.032+/-0.000 χ^2/NDF : 143083120442.7/17

Right Out: 0.034+/-0.000 χ^2/NDF : 43310958009.1/17

0.034+/-0.000 χ^2/NDF : 43310958009.1/17

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

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 755455.2/15

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

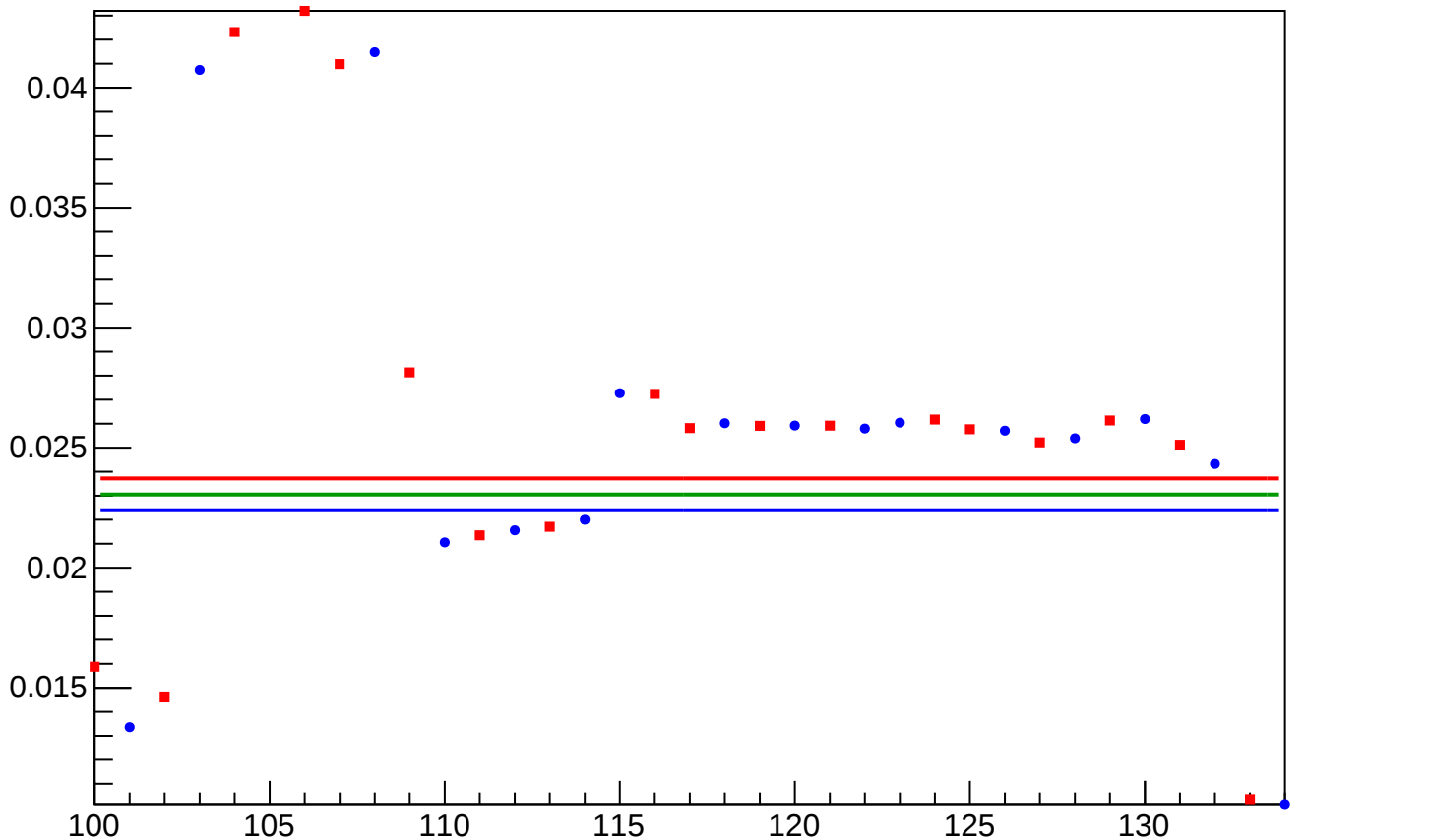
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 755455.2/15

0.000 $\pm$ 0.000 χ^2/NDF : 1043452.4/33

0.000 $\pm$ 0.000 χ^2/NDF : 236069.7/17

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 4230888238.2/15

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

Right Out: 0.024+/-0.000 χ^2/NDF : 5652375864.5/17

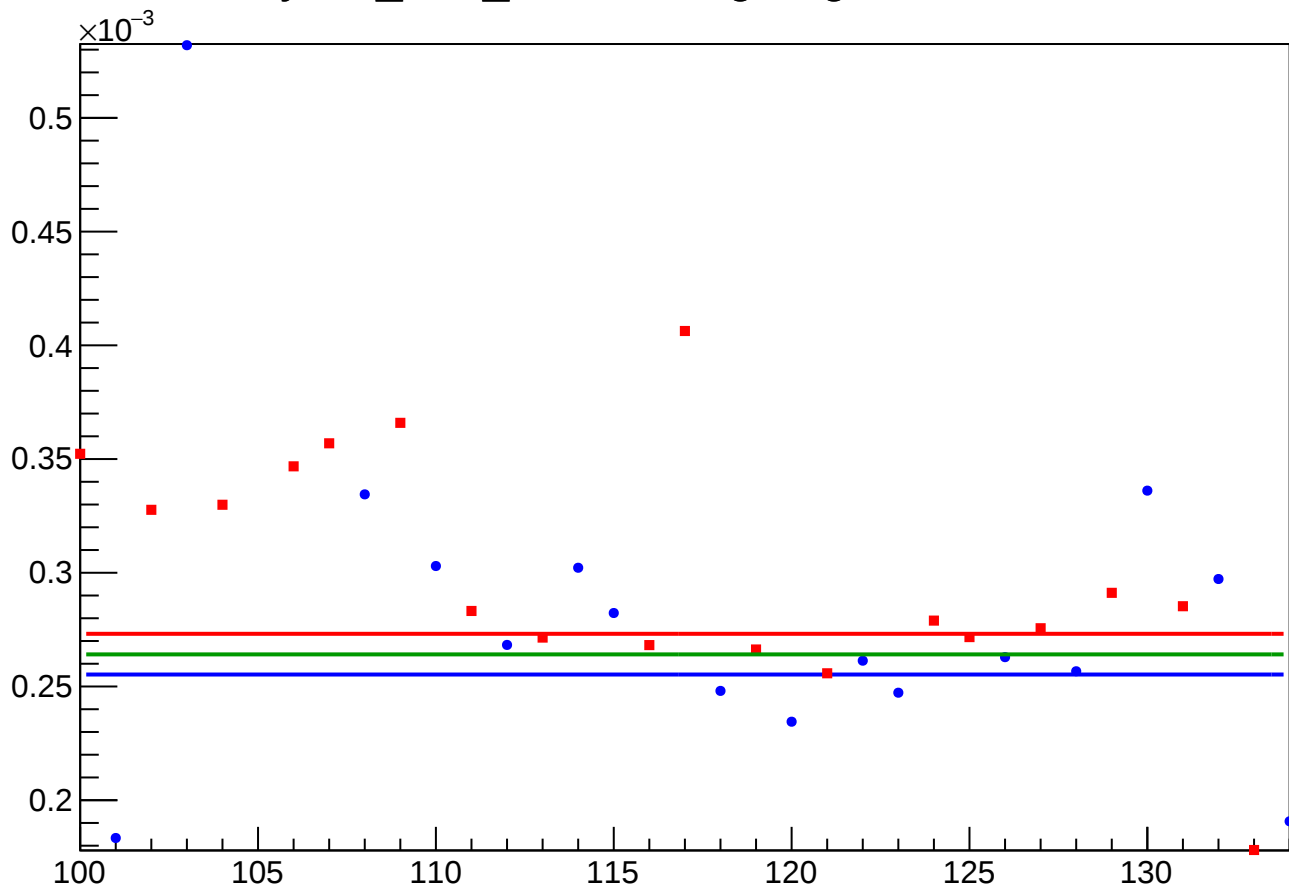
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.022+/-0.000 χ^2/NDF : 4230888238.2/15

0.023+/-0.000 χ^2/NDF : 9949844642.7/33

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 : 625319.7/15

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

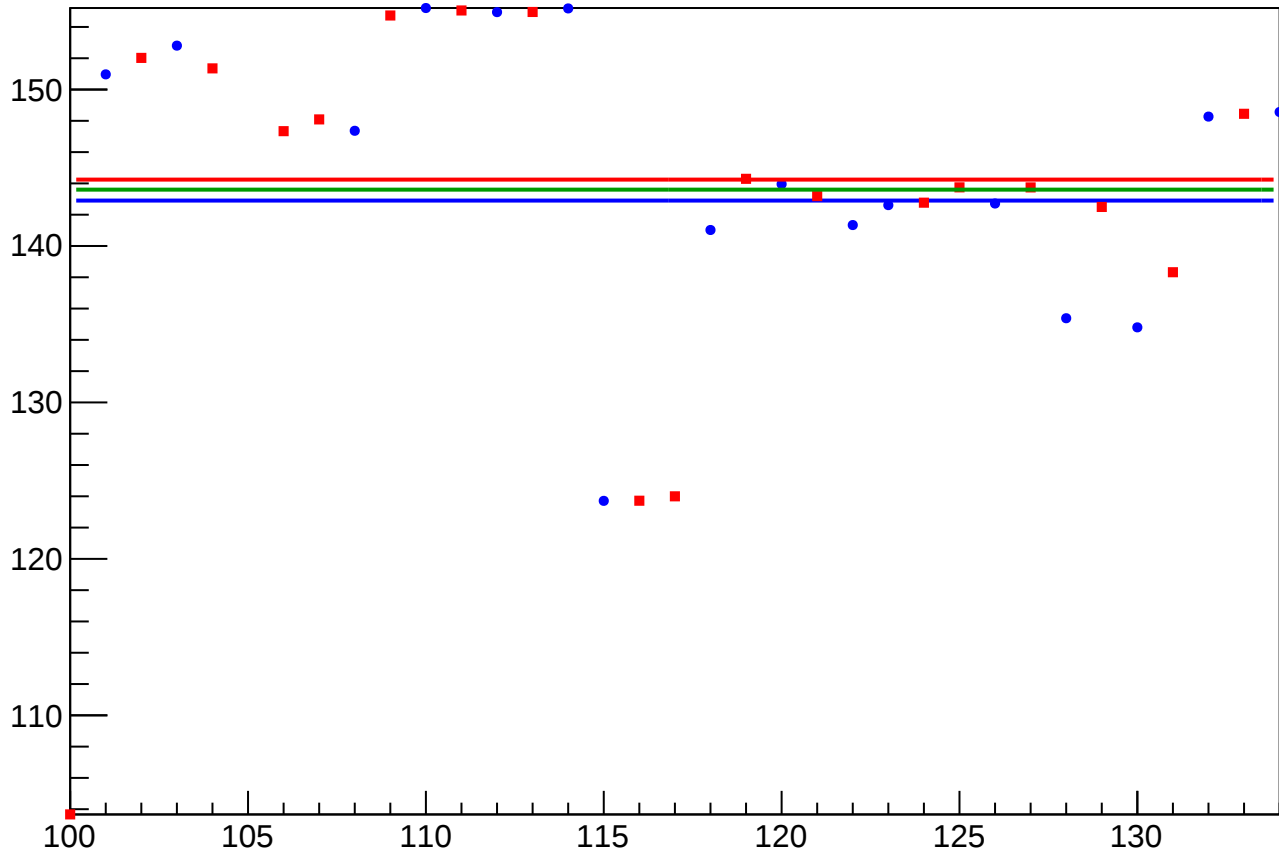
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 625319.7/15

0.000 $\pm$ 0.000 χ^2/NDF : 1066385.2/33

0.000 $\pm$ 0.000 χ^2/NDF : 416802.5/17

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 142.903 $\pm$ 0.000 χ^2 /NDF: 3273425103.5/15

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

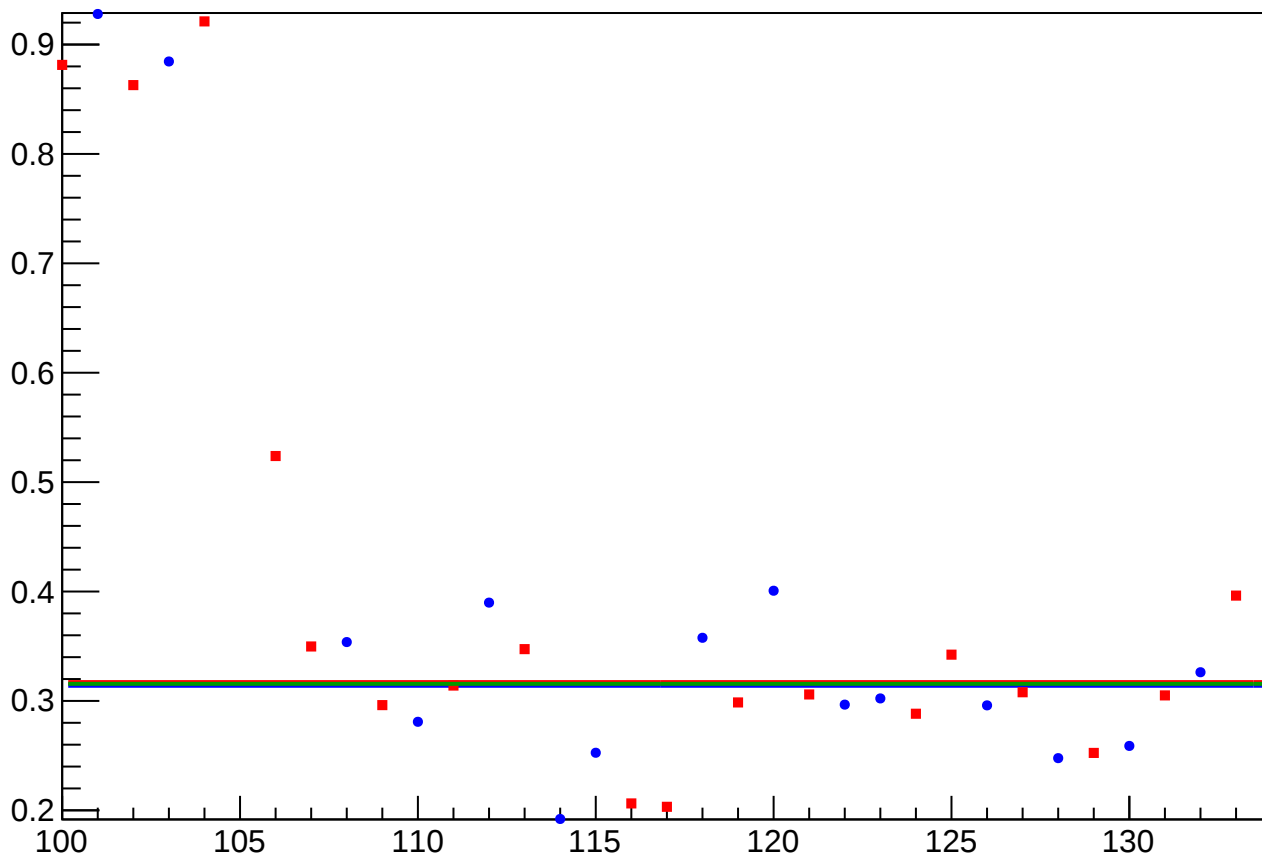
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.903 $\pm$ 0.000 χ^2 /NDF: 3273425103.5/15

143.602 $\pm$ 0.000 χ^2 /NDF: 7789277162.8/15

144.243 $\pm$ 0.000 χ^2 /NDF: 4470849594.7/17

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1262571.9/15

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

Right Out: 0.317+/-0.000 χ^2/NDF : 1227945.6/17

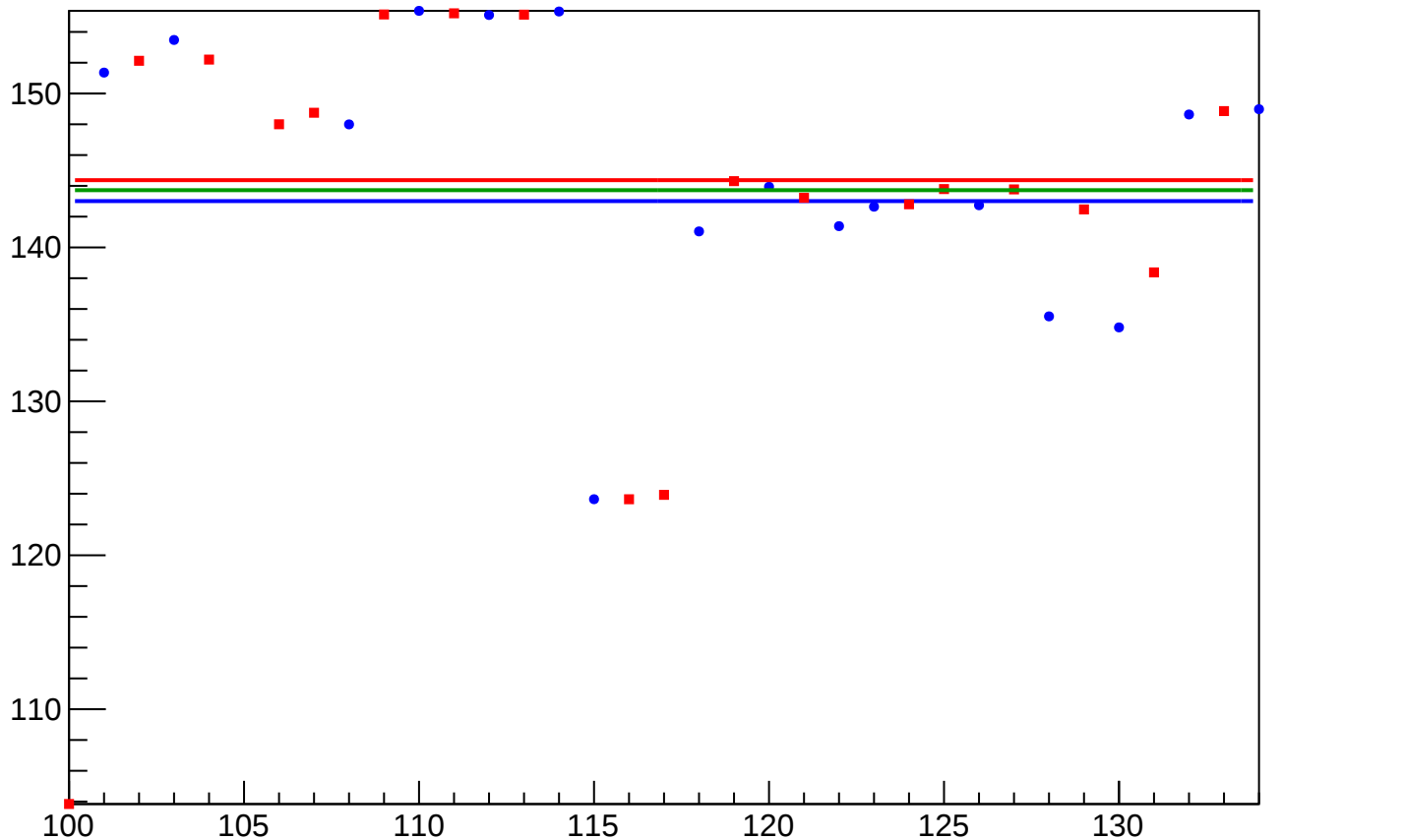
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1262571.9/15

0.316+/-0.000 χ^2/NDF : 2491085.7/33

0.317+/-0.000 χ^2/NDF : 1227945.6/17

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.010+/-0.000 χ^2/NDF : 3301688839.2/15

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

Right Out: 144.370+/-0.000 χ^2/NDF : 4499311213.6/17

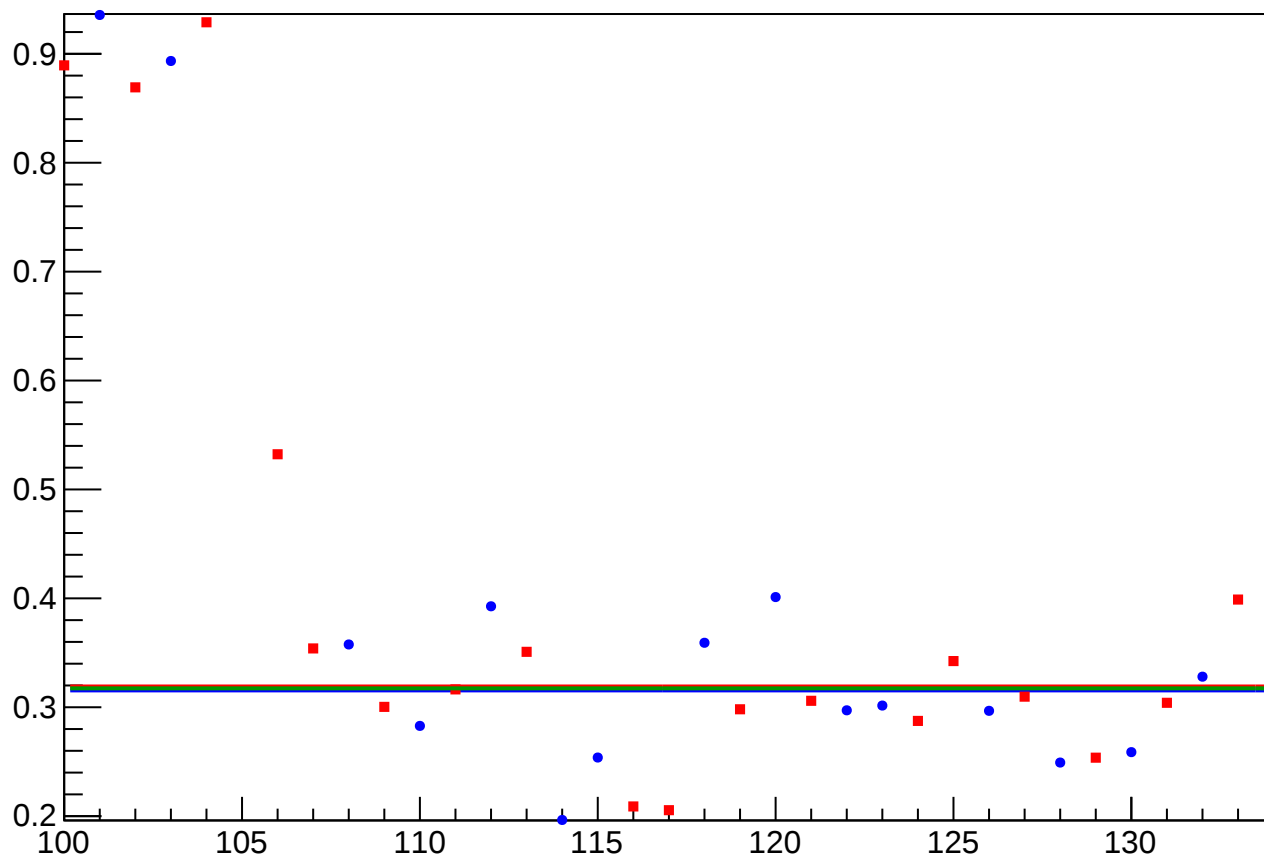
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.010+/-0.000 χ^2/NDF : 3301688839.2/15

143.719+/-0.000 χ^2/NDF : 7846855737.1/17

144.370+/-0.000 χ^2/NDF : 4499311213.6/17

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1264482.5/15

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

Right Out: 0.319+/-0.000 χ^2/NDF : 1230342.7/17

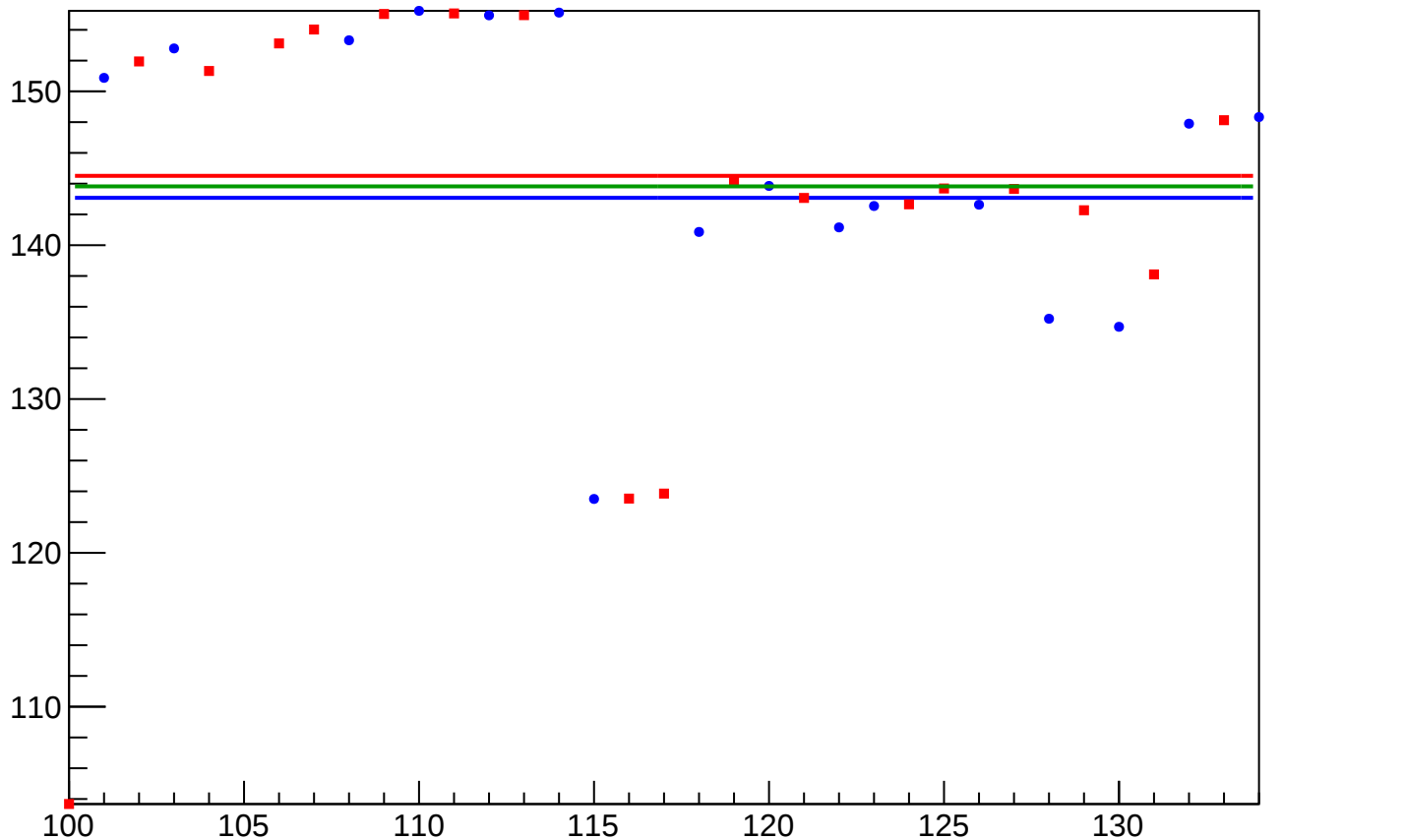
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1264482.5/15

0.317+/-0.000 χ^2/NDF : 2495459.1/33

0.319+/-0.000 χ^2/NDF : 1230342.7/17

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.080+/-0.000 χ^2/NDF : 3520418852.2/15

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

Right Out: 144.509+/-0.000 χ^2/NDF : 4763718724.9/17

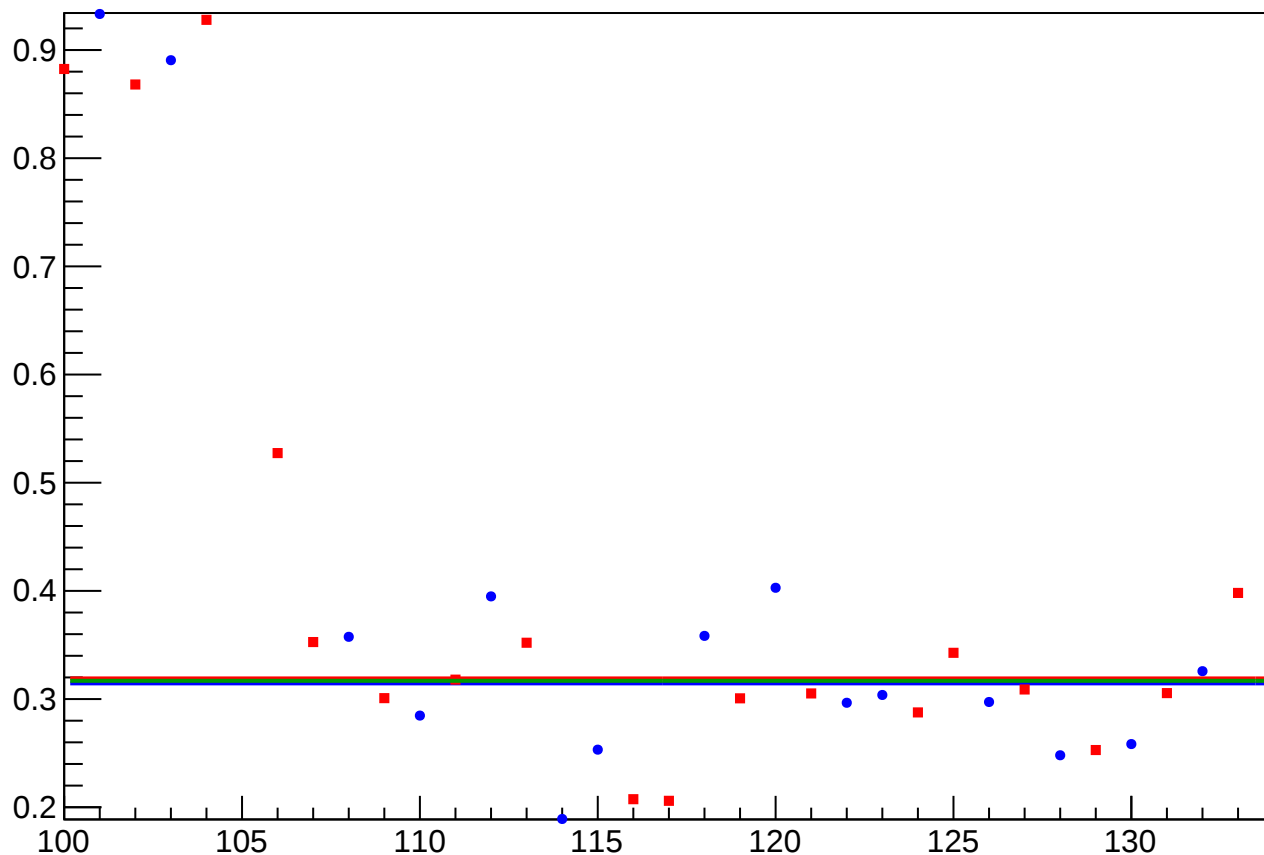
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.080+/-0.000 χ^2/NDF : 3520418852.2/15

143.823+/-0.000 χ^2/NDF : 8334886558.2/15

144.509+/-0.000 χ^2/NDF : 4763718724.9/17

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1276998.2/15

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

Right Out: 0.319+/-0.000 χ^2/NDF : 1231087.1/17

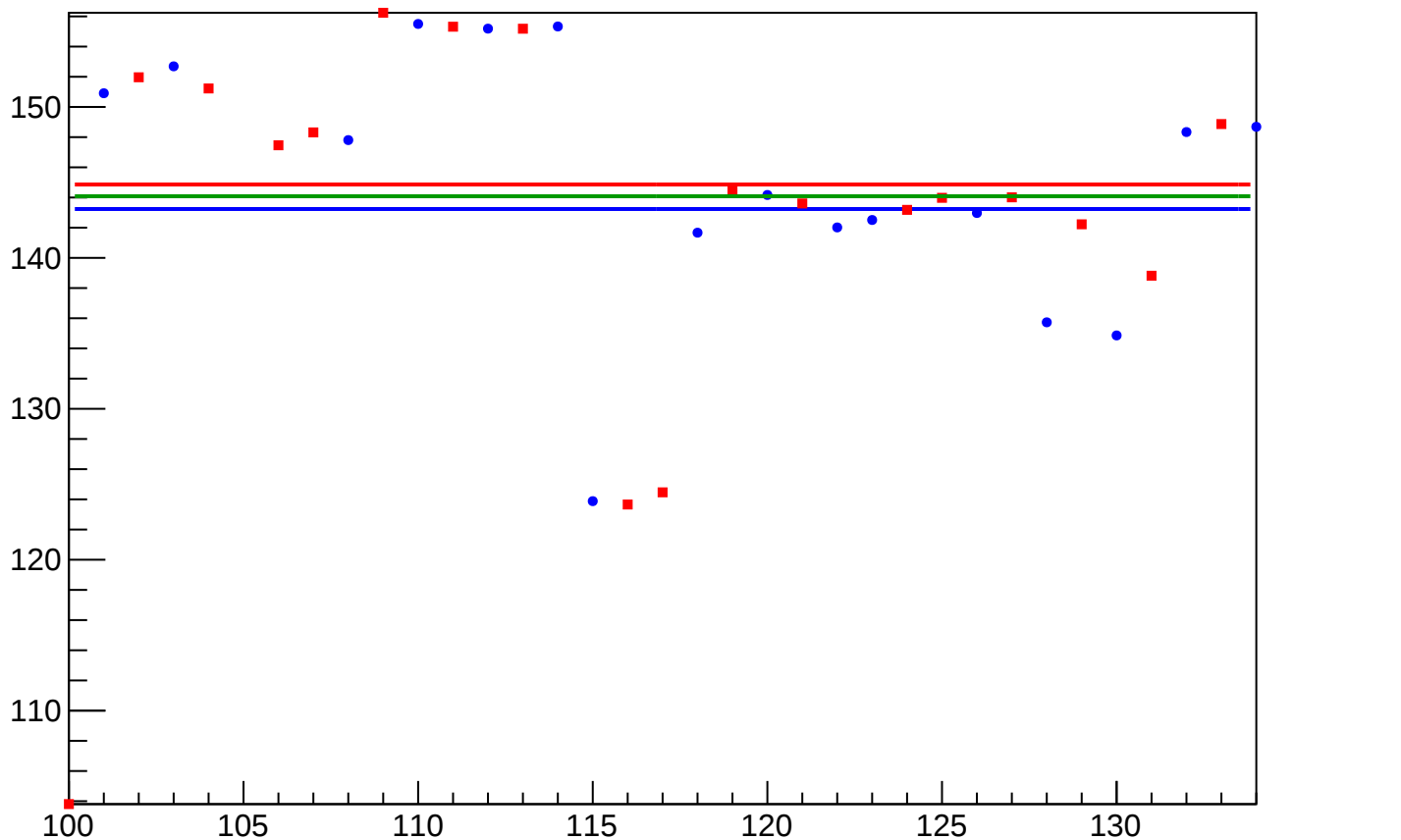
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1276998.2/15

0.317+/-0.000 χ^2/NDF : 2509122.8/33

0.319+/-0.000 χ^2/NDF : 1231087.1/17

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 143.238+/-0.000 χ^2/NDF : 3022617253.8/15

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

Right Out: 144.862+/-0.000 χ^2/NDF : 4043529016.8/17

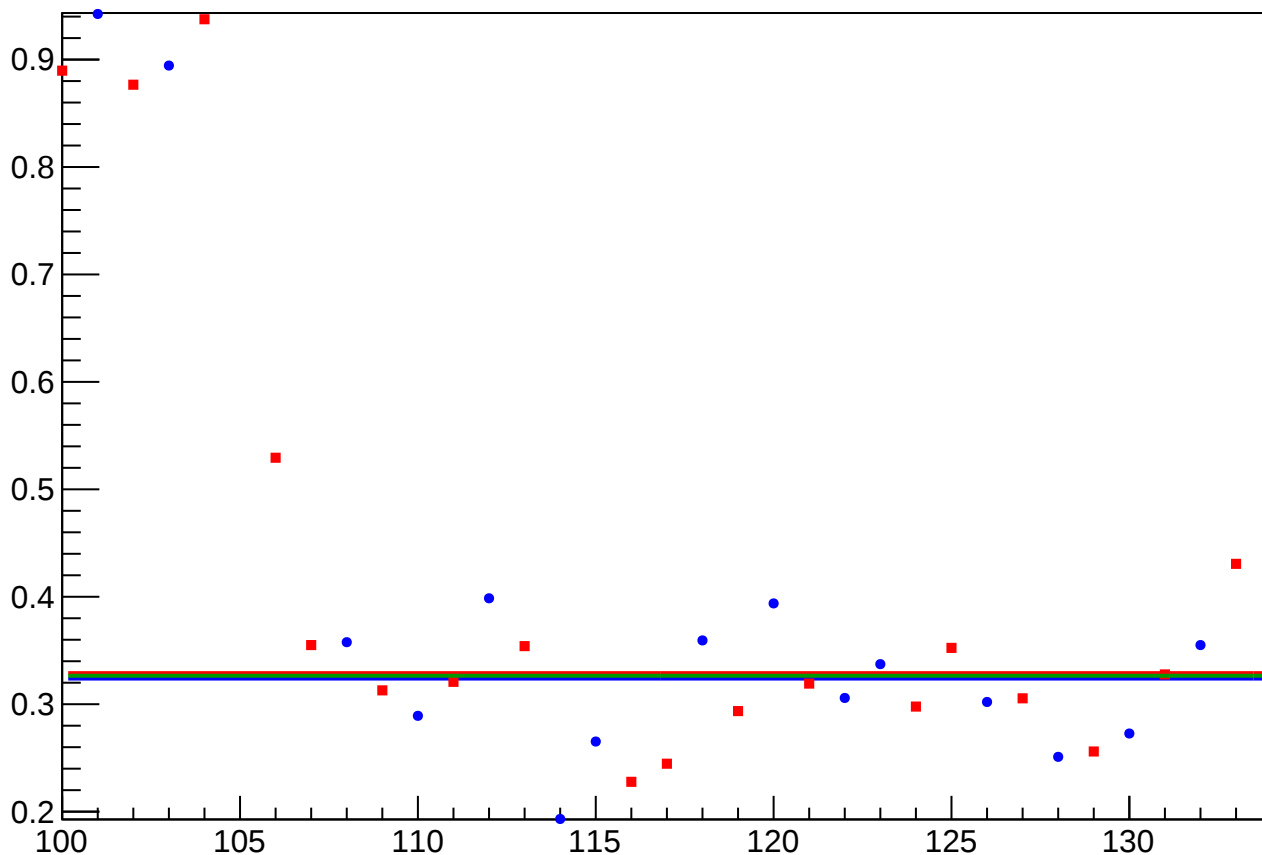
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.238+/-0.000 χ^2/NDF : 3022617253.8/15

144.084+/-0.000 χ^2/NDF : 7127927481.0/17

144.862+/-0.000 χ^2/NDF : 4043529016.8/17

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1252586.7/15

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1179093.3/17

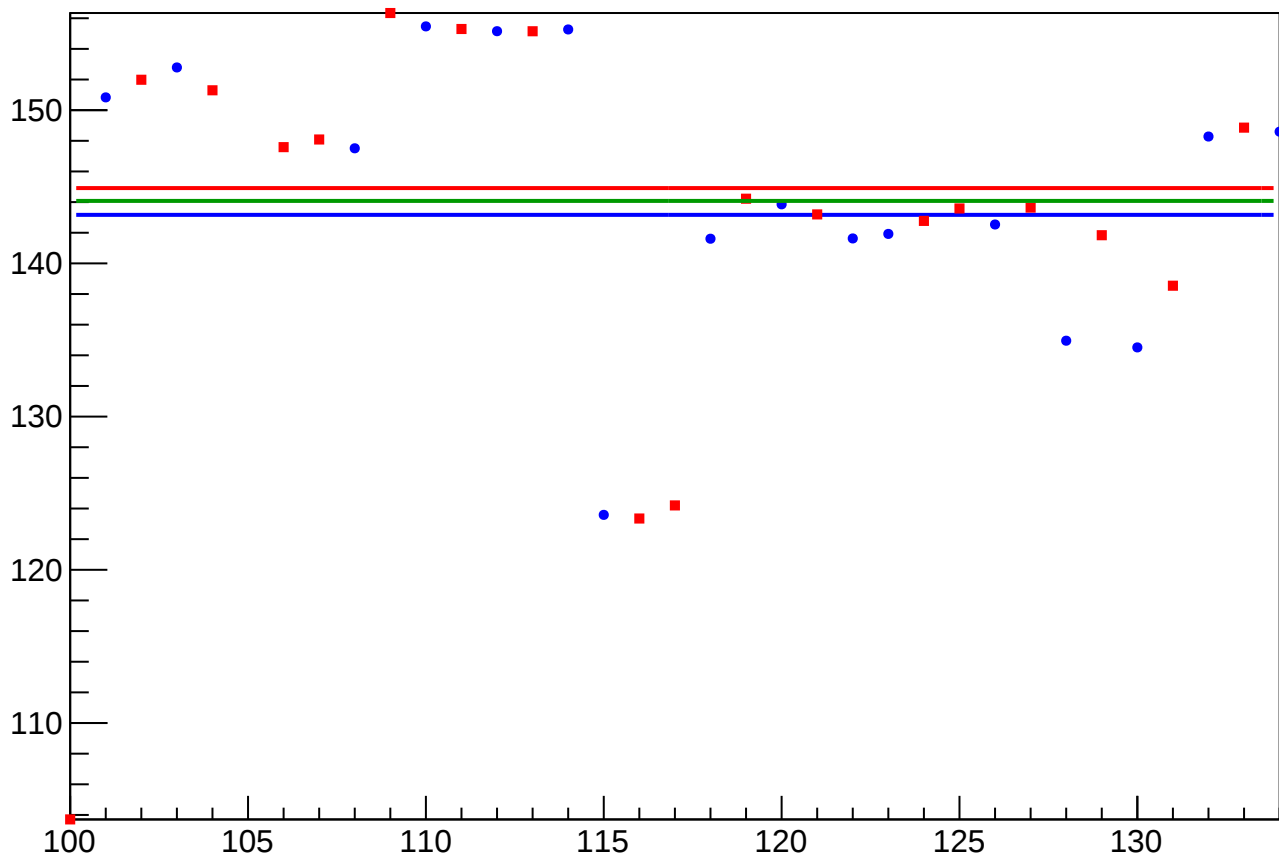
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.324+/-0.000 χ^2/NDF : 1252586.7/15

0.326+/-0.000 χ^2/NDF : 2432870.6/33

0.329+/-0.000 χ^2/NDF : 1179093.3/17

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.167+/-0.000 χ^2 /NDF: 3170966856.8/15

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

Right Out: 144.915+/-0.000 χ^2 /NDF: 4083427847.1/17

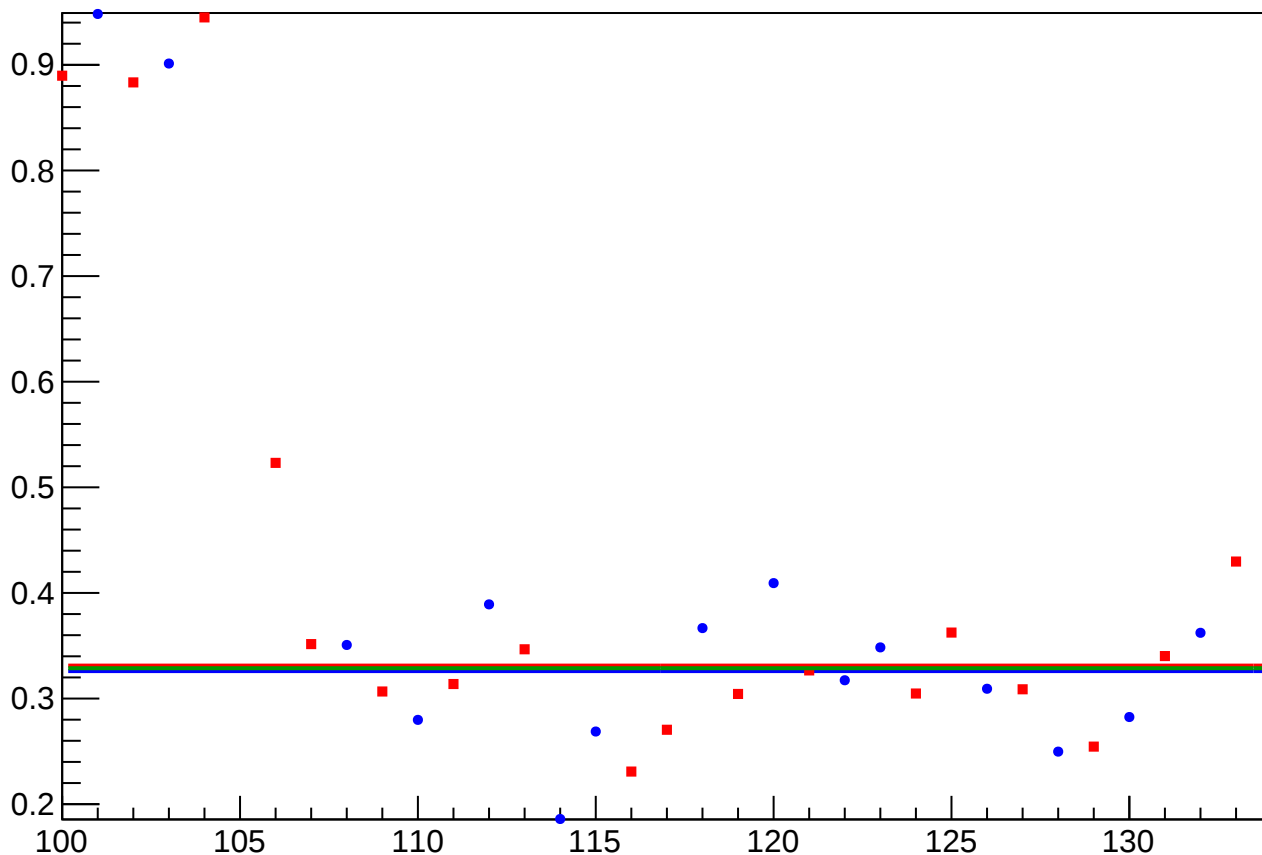
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

143.167+/-0.000 χ^2 /NDF: 3170966856.8/15

144.077+/-0.000 χ^2 /NDF: 7324834320.2/17

144.915+/-0.000 χ^2 /NDF: 4083427847.1/17

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.326+/-0.000 χ^2/NDF : 1270478.2/15

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

Right Out: 0.331+/-0.000 χ^2/NDF : 1165361.2/17

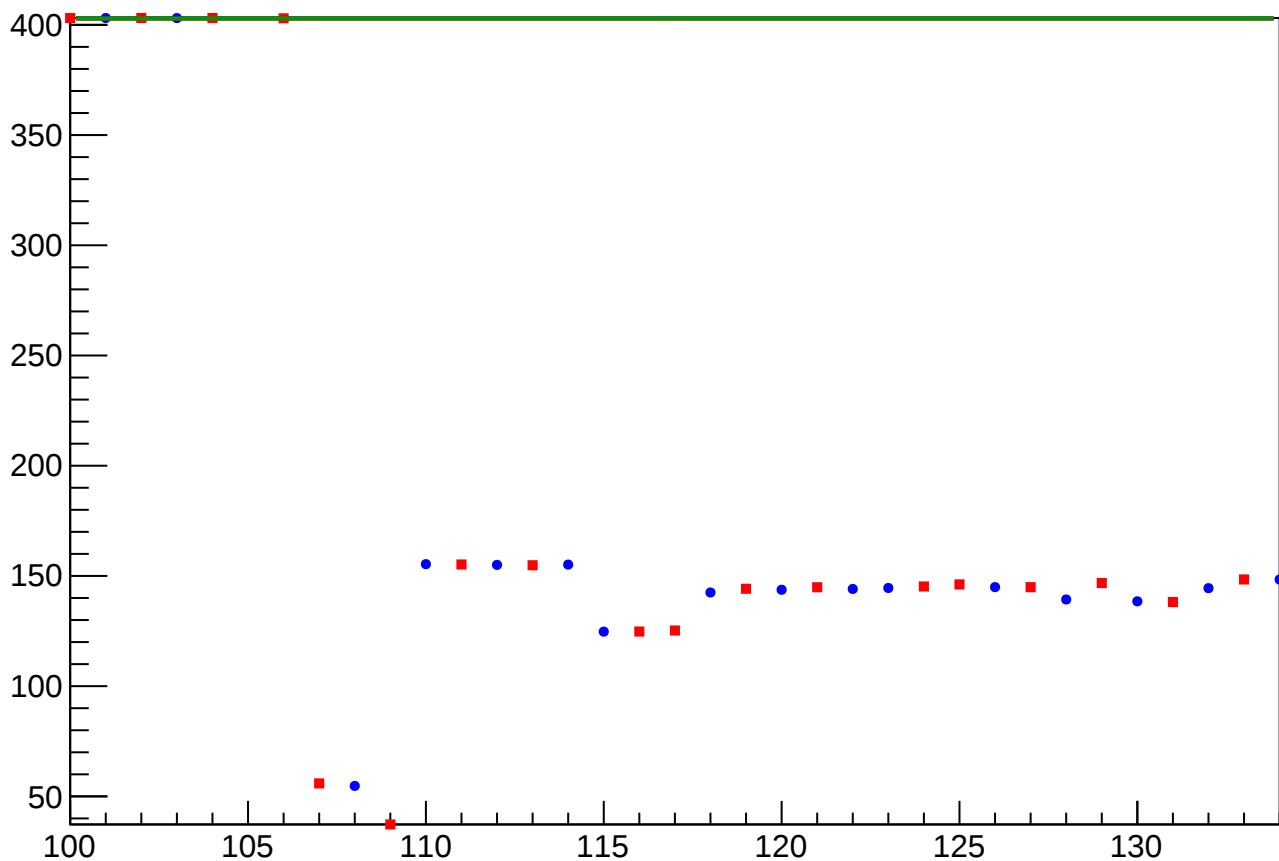
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 1270478.2/15

0.329+/-0.000 χ^2/NDF : 2437084.6/33

0.331+/-0.000 χ^2/NDF : 1165361.2/17

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.990+/-0.000 χ^2/NDF : 840804263286.0/15

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

Right Out: 402.818+/-0.000 χ^2/NDF : 2927276870353.3/17

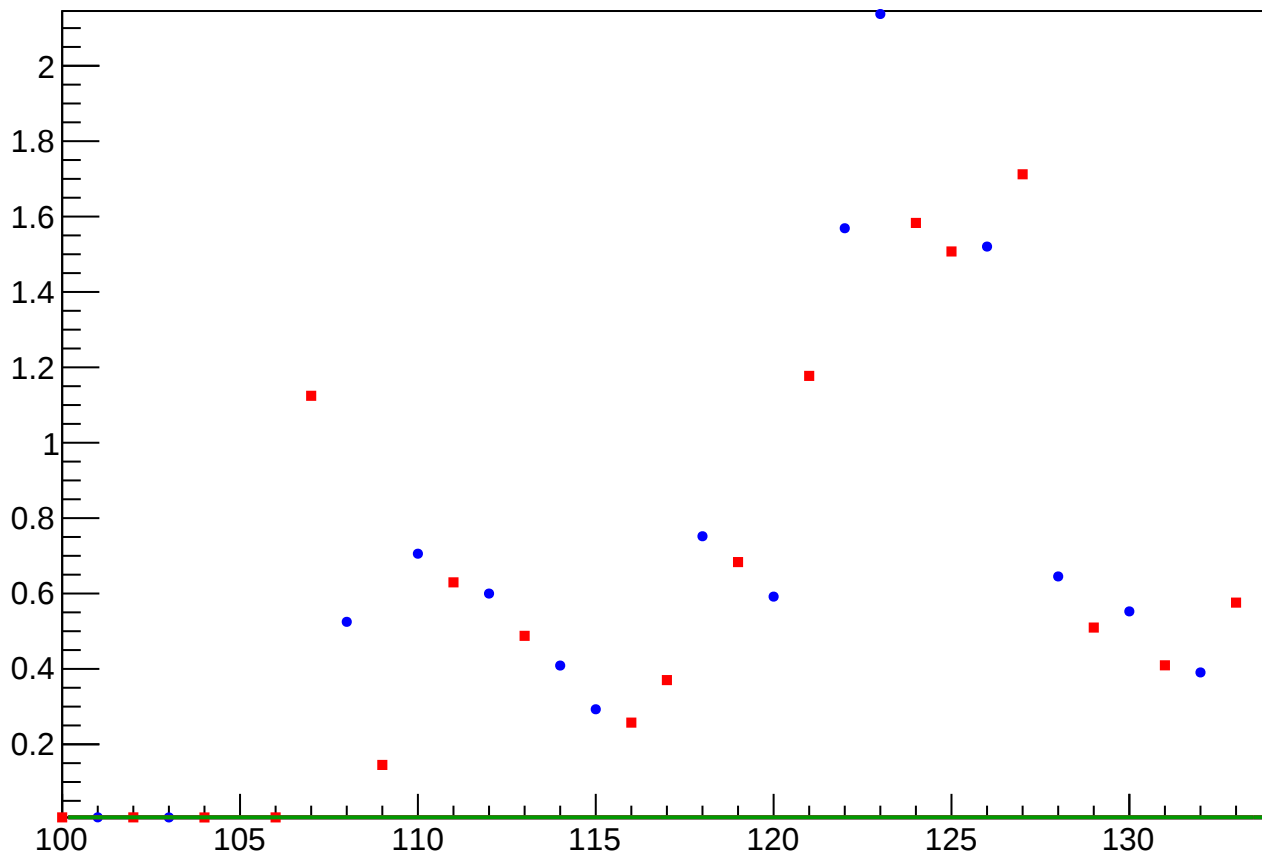
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.990+/-0.000 χ^2/NDF : 840804263286.0/15

402.899+/-0.000 χ^2/NDF : 376856787770

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 : 7518527.5/15

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

Right Out: 0.006+/-0.000 χ^2/NDF : 8078898.4/17

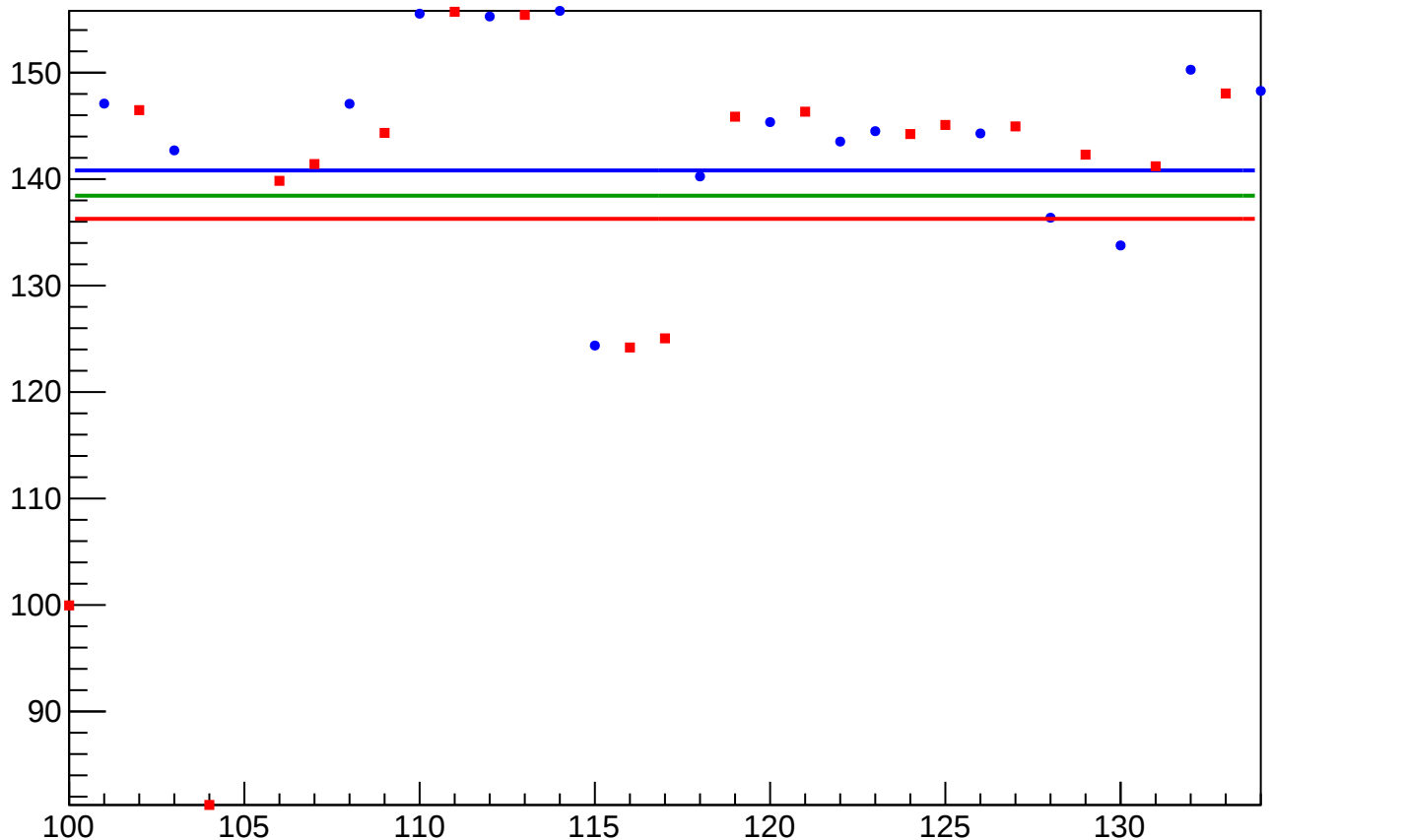
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7518527.5/15

0.006+/-0.000 χ^2/NDF : 15597430.1/33

0.006+/-0.000 χ^2/NDF : 8078898.4/17

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.815+/-0.000 χ^2/NDF : 918720091.0/15

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

Right Out: 136.268+/-0.000 χ^2/NDF : 1266121436.9/17

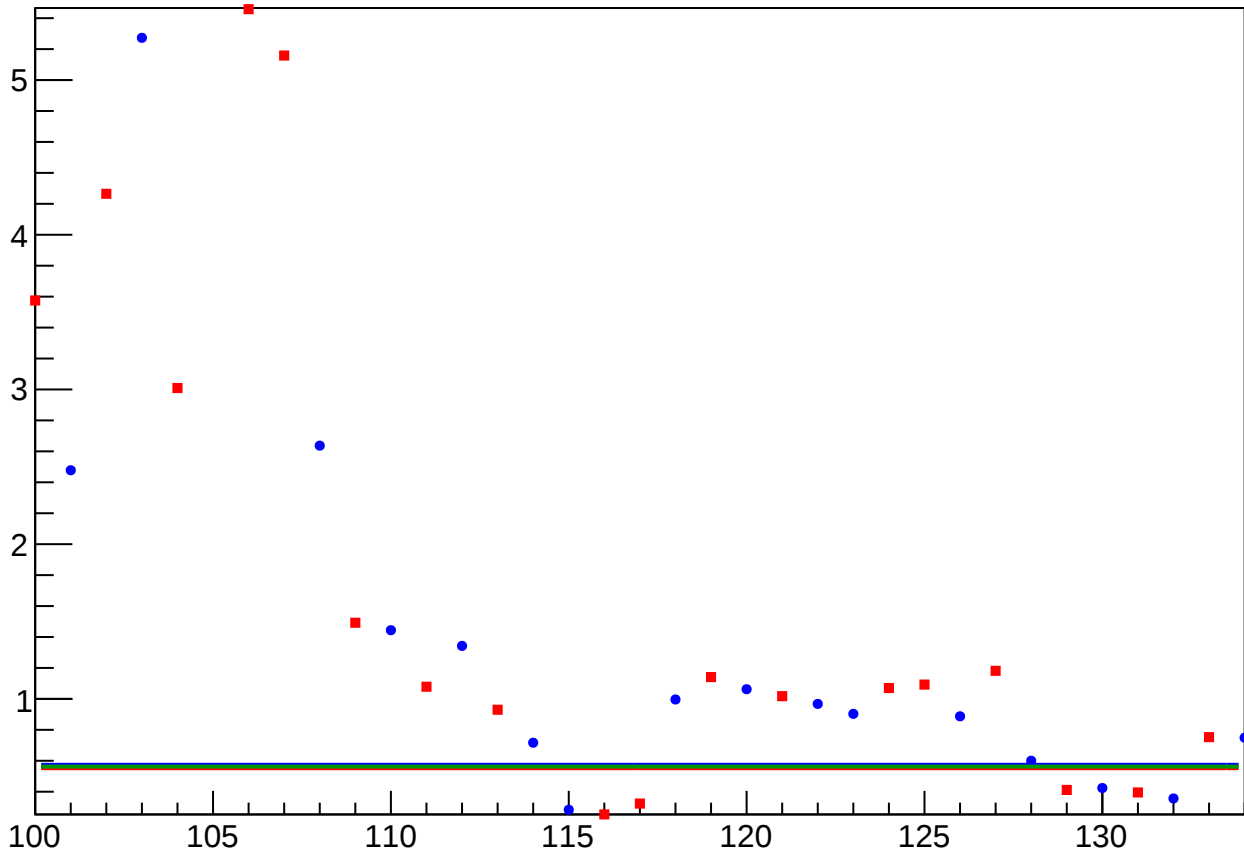
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.815+/-0.000 χ^2/NDF : 918720091.0/15

138.442+/-0.000 χ^2/NDF : 2283868910.0/0

136.268+/-0.000 χ^2/NDF : 1266121436.9/17

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.574+/-0.000 χ^2/NDF : 3437277.0/15

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

Right Out: 0.552+/-0.000 χ^2/NDF : 4703944.1/17

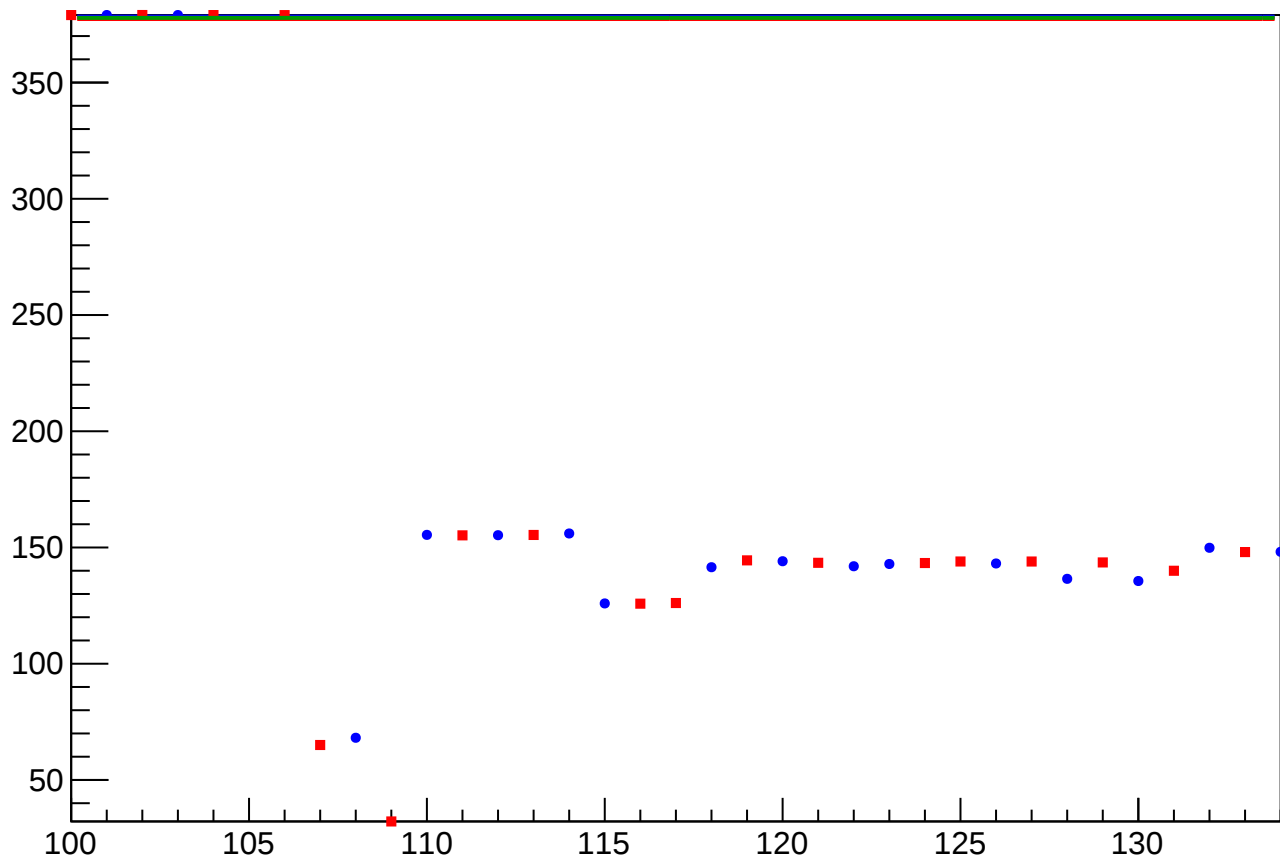
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.574+/-0.000 χ^2/NDF : 3437277.0/15

0.562+/-0.000 χ^2/NDF : 8145818.5/33

0.552+/-0.000 χ^2/NDF : 4703944.1/17

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.382+/-0.000 χ^2/NDF : 2206605316475.4/15

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

Right Out: 377.336+/-0.000 χ^2/NDF : 8114651111585.4/17

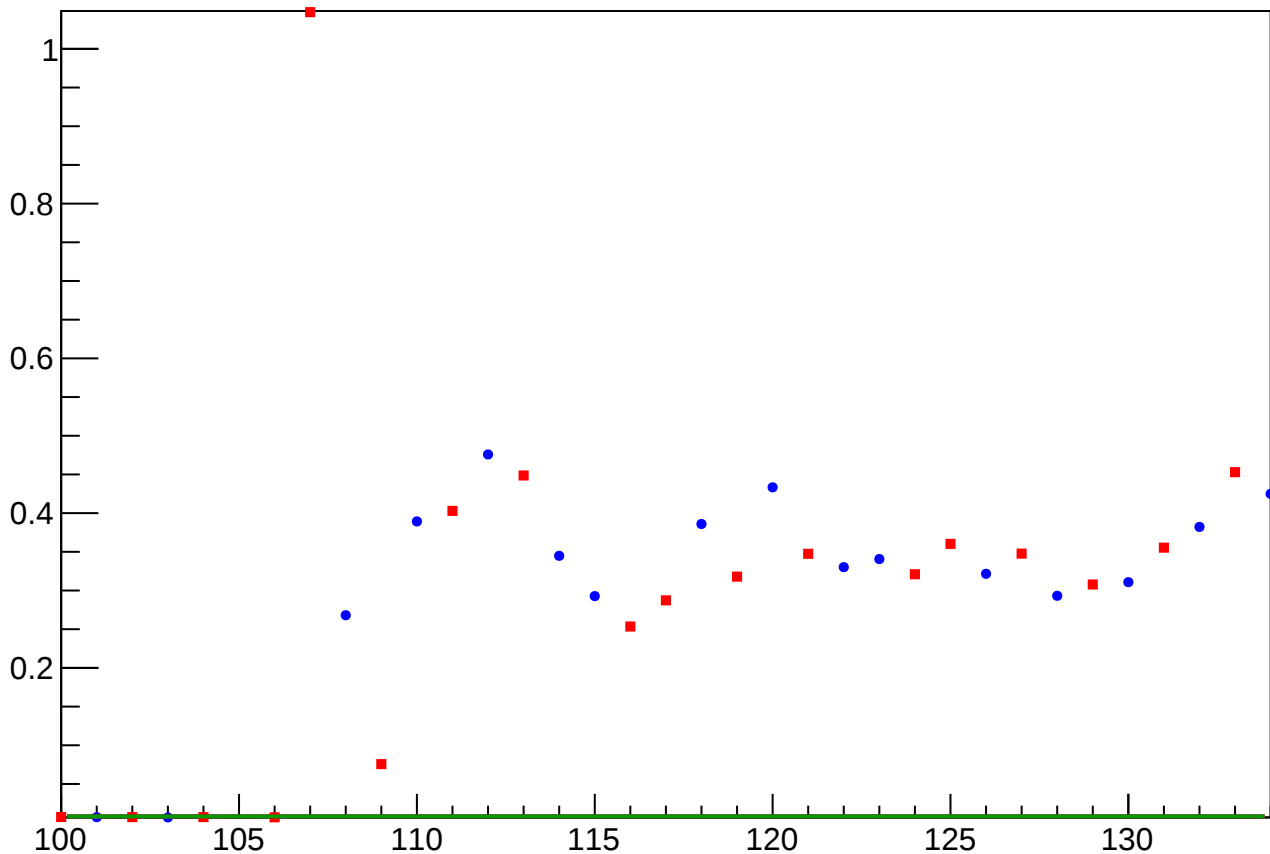
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.382+/-0.000 χ^2/NDF : 2206605316475.4/15

377.825+/-0.000 χ^2/NDF : 103290065999

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 : 8227583.6/15

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

Right Out: 0.008+/-0.000 χ^2/NDF : 8400014.1/17

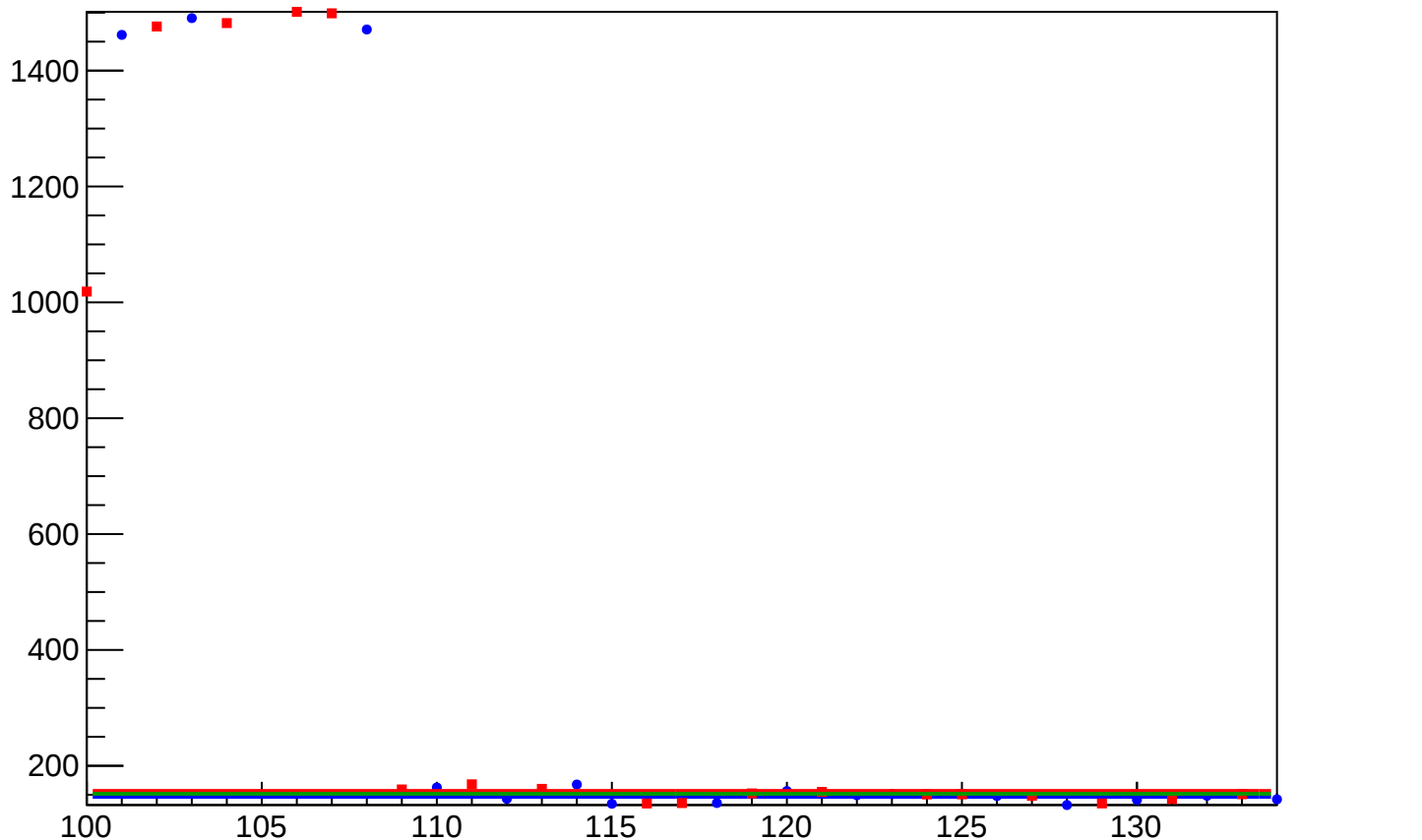
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 8227583.6/15

0.008+/-0.000 χ^2/NDF : 16627728.3/33

0.008+/-0.000 χ^2/NDF : 8400014.1/17

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.538 +/- 0.000 χ^2/NDF : 24358175712.7/15

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

Right Out: 156.544 +/- 0.000 χ^2/NDF : 33403709824.2/17

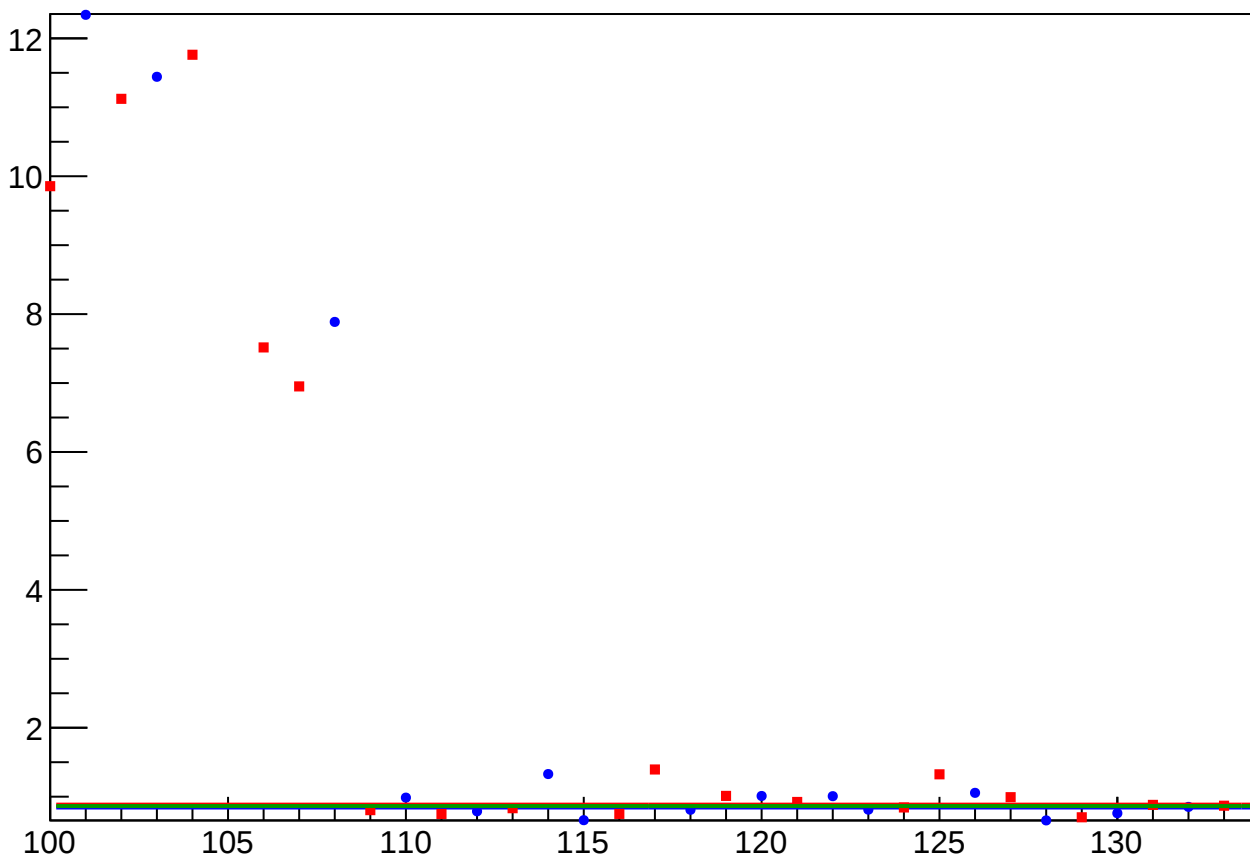
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

146.538 +/- 0.000 χ^2/NDF : 24358175712.7/15

151.599 +/- 0.000 χ^2/NDF : 57993874285.4

156.544 +/- 0.000 χ^2/NDF : 33403709824.2/17

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.843+/-0.000 χ^2/NDF : 2662197.7/15

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

Right Out: 0.885+/-0.000 χ^2/NDF : 2788781.7/17

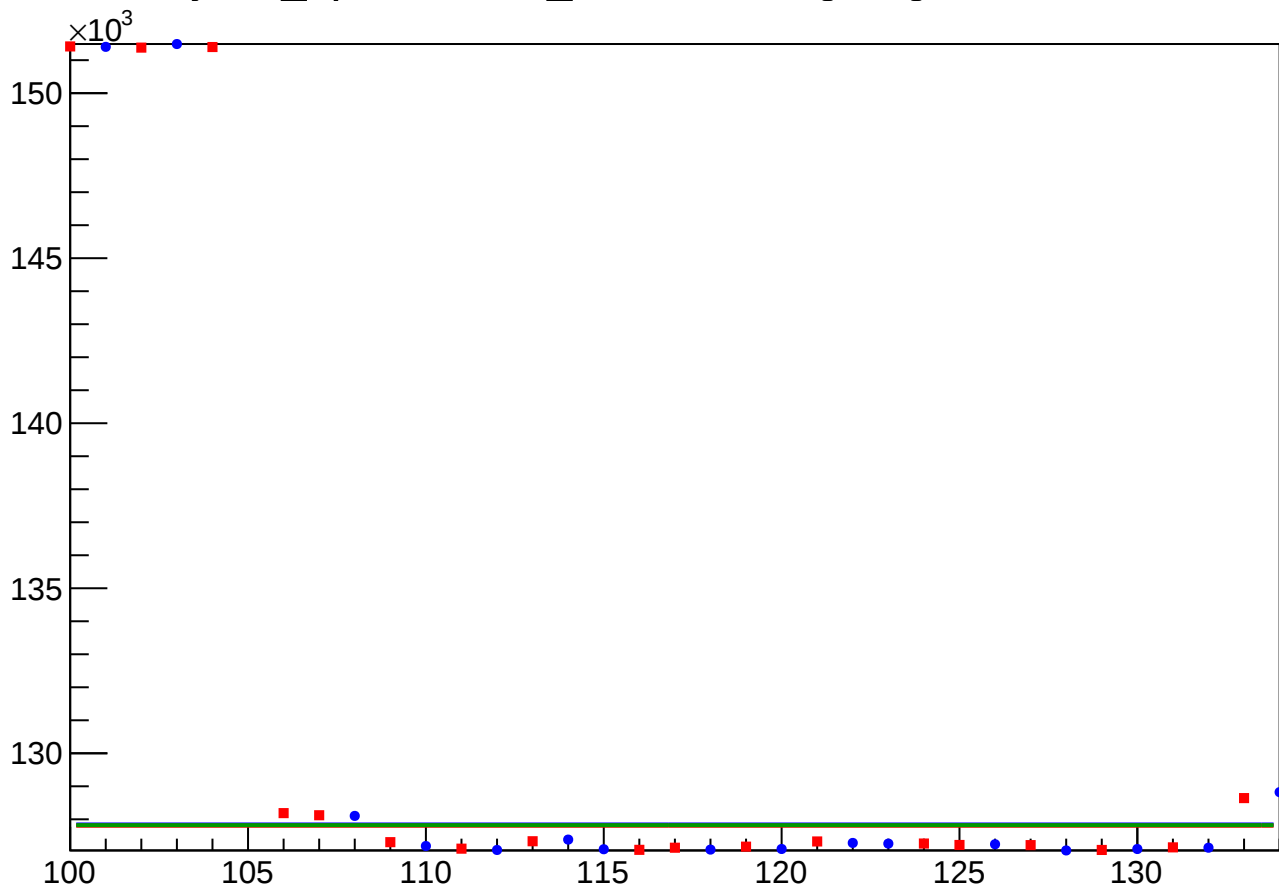
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.843+/-0.000 χ^2/NDF : 2662197.7/15

0.864+/-0.000 χ^2/NDF : 5459029.5/33

0.885+/-0.000 χ^2/NDF : 2788781.7/17

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127843.231 $\pm$ 0.057 χ^2 /NDF: 4208167535.7/15

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

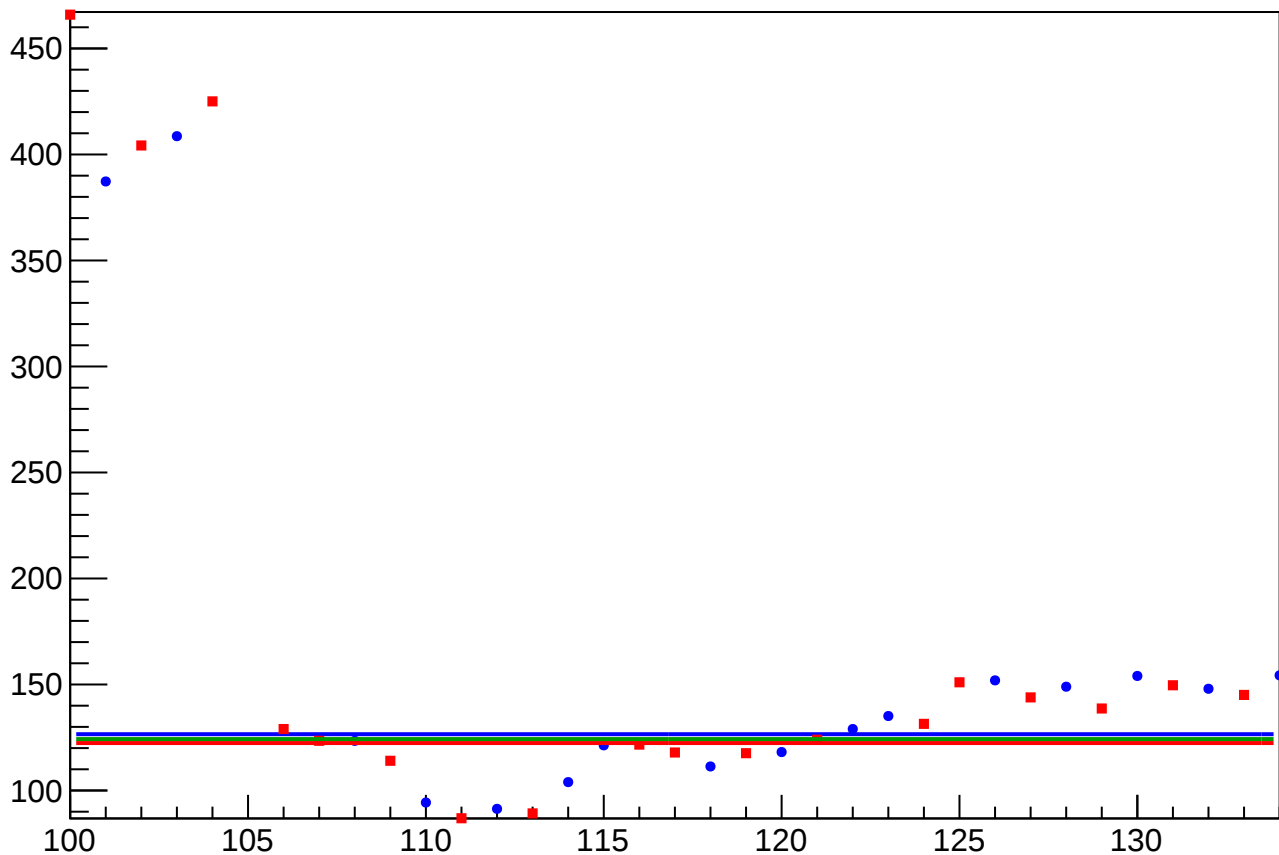
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127843.231 $\pm$ 0.057 χ^2 /NDF: 4208167535.7/15

127822.358 $\pm$ 0.038 χ^2 /NDF: 788913119

127805.338 $\pm$ 0.052 χ^2 /NDF: 3680722100.3/17

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 126.546 $\pm$ 0.040 χ^2 /NDF: 1406918.1/15

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

Right Out: 122.378 $\pm$ 0.037 χ^2 /NDF: 1470580.8/17

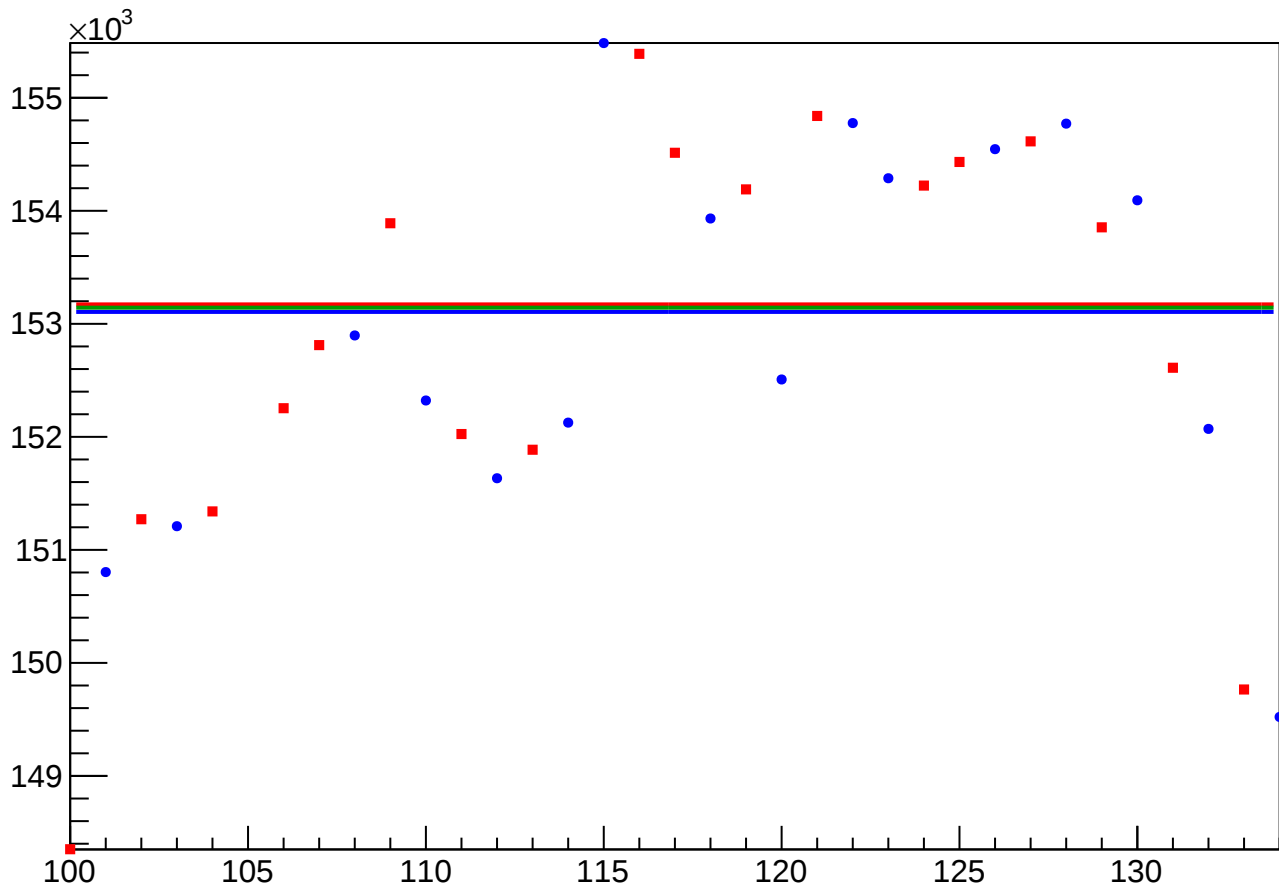
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

126.546 $\pm$ 0.040 χ^2 /NDF: 1406918.1/15

124.250 $\pm$ 0.027 χ^2 /NDF: 2883345.2/33

122.378 $\pm$ 0.037 χ^2 /NDF: 1470580.8/17

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153105.446 $\pm$ 0.078 χ^2 /NDF: 339207385.8/15

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

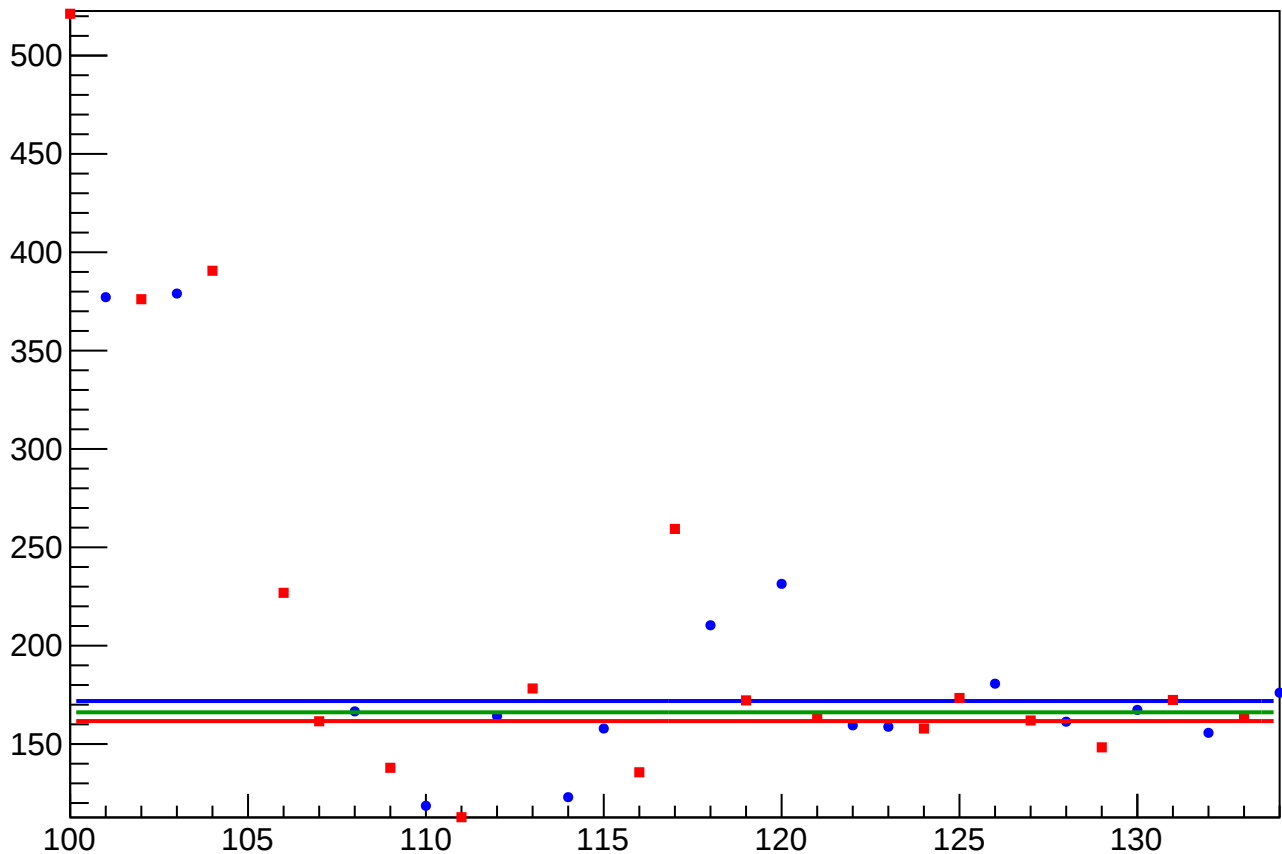
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

153105.446 $\pm$ 0.078 χ^2 /NDF: 339207385.8/15

153142.952 $\pm$ 0.052 χ^2 /NDF: 809359973

153172.086 $\pm$ 0.069 χ^2 /NDF: 469741183.8/17

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 171.857+/-0.055 χ^2/NDF : 921339.3/15

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

Right Out: 161.671+/-0.049 χ^2/NDF : 1028037.7/17

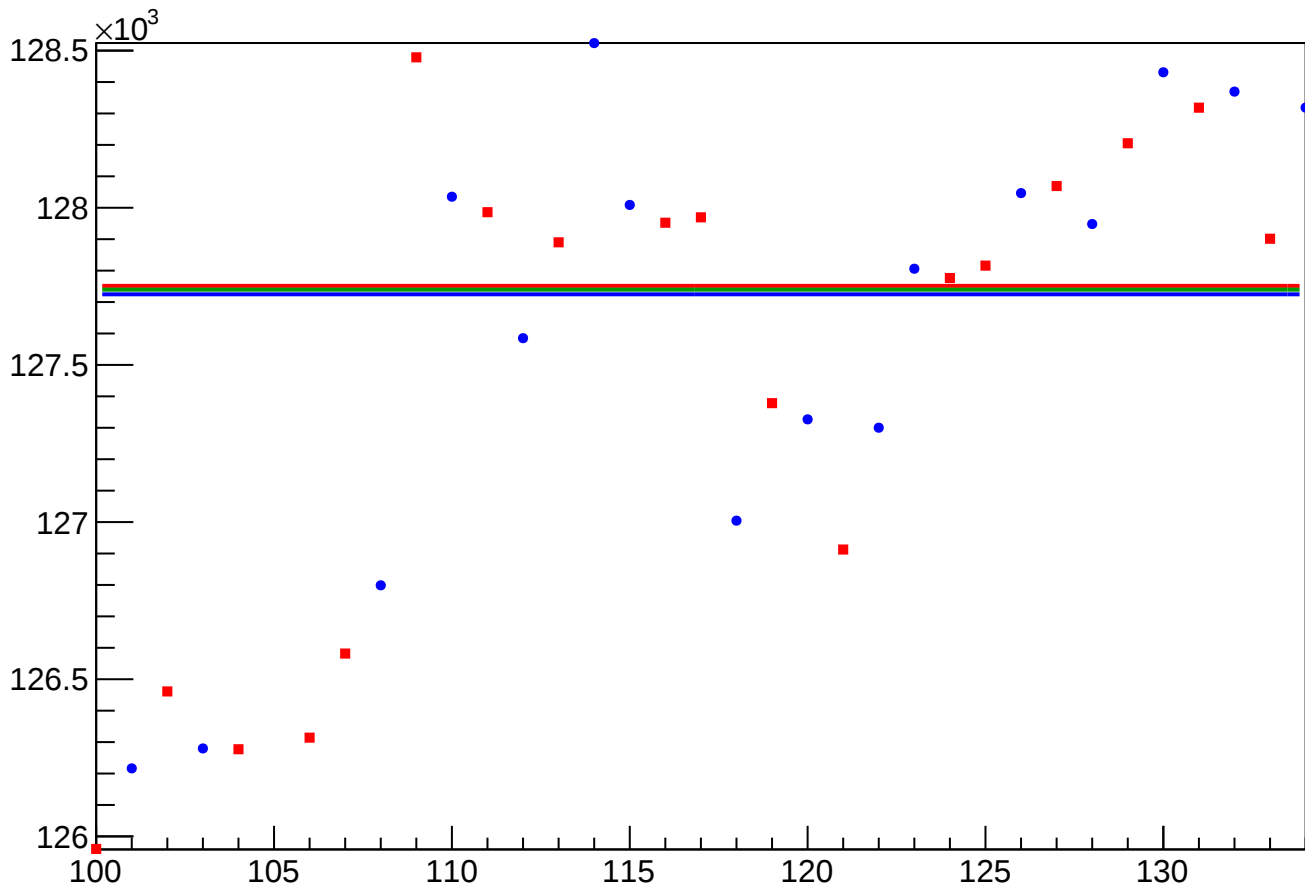
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.857+/-0.055 χ^2/NDF : 921339.3/15

166.124+/-0.036 χ^2/NDF : 1968600.2/33

161.671+/-0.049 χ^2/NDF : 1028037.7/17

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127724.629 $\pm$ 0.063 χ^2 /NDF: 95091159.9/15

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

127724.629 $\pm$ 0.063 χ^2 /NDF: 95091159.9/15

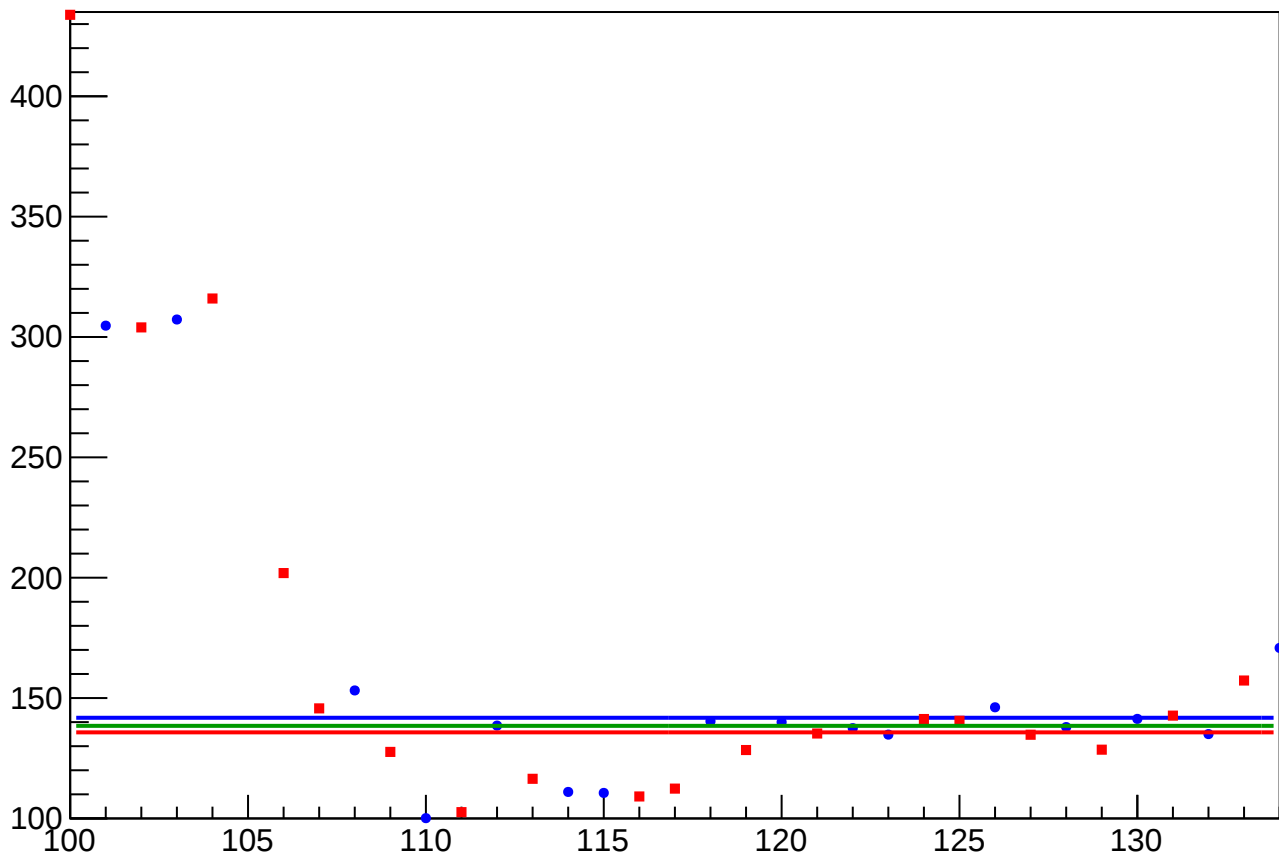
127739.450 $\pm$ 0.042 χ^2 /NDF: 204639234

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: 141.810 $\pm$ 0.044 χ^2 /NDF: 835709.8/15

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

Right Out: 135.746 $\pm$ 0.040 χ^2 /NDF: 949475.5/17

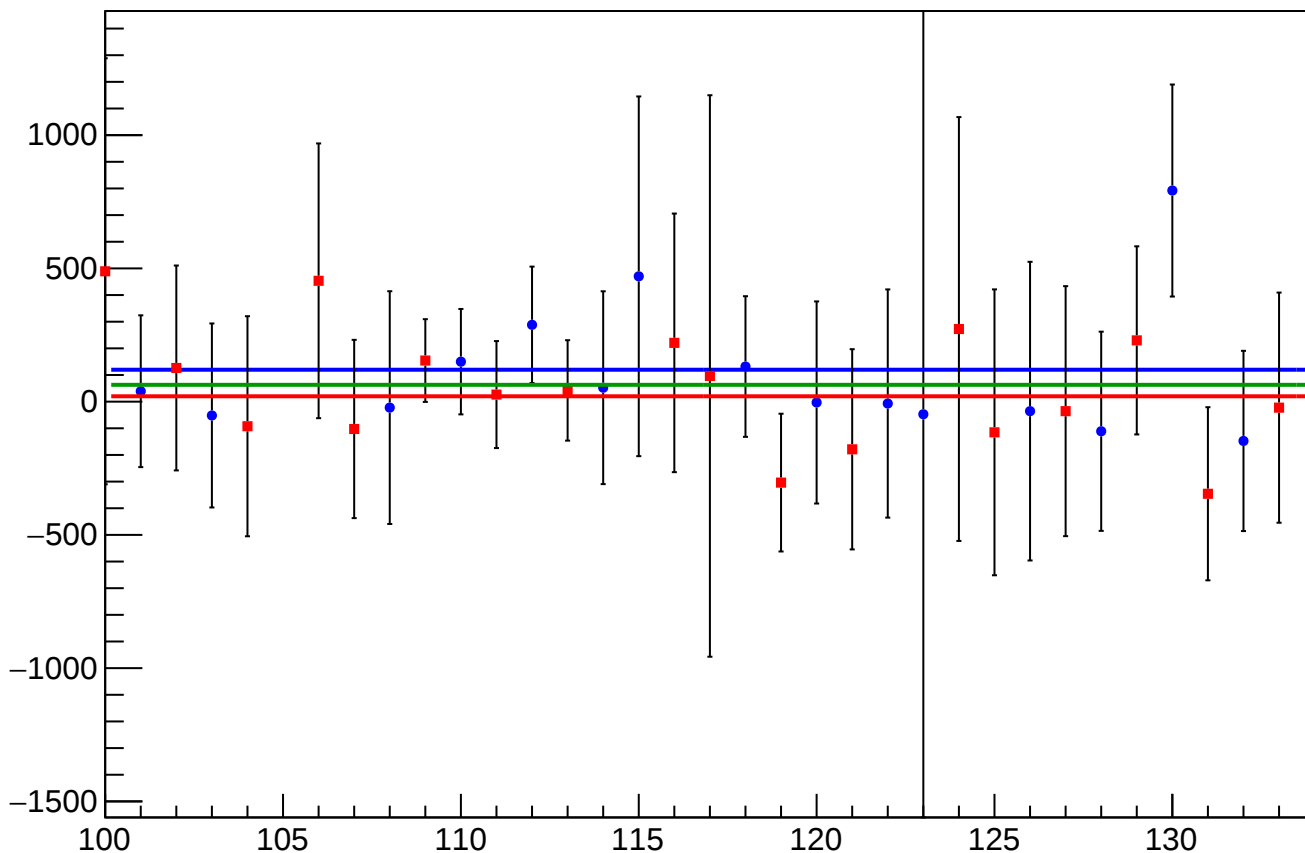
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.810 $\pm$ 0.044 χ^2 /NDF: 835709.8/15

138.456 $\pm$ 0.030 χ^2 /NDF: 1795555.7/33

135.746 $\pm$ 0.040 χ^2 /NDF: 949475.5/17

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 119.786 $\pm$ 85.312 χ^2 /NDF: 5.5/15

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

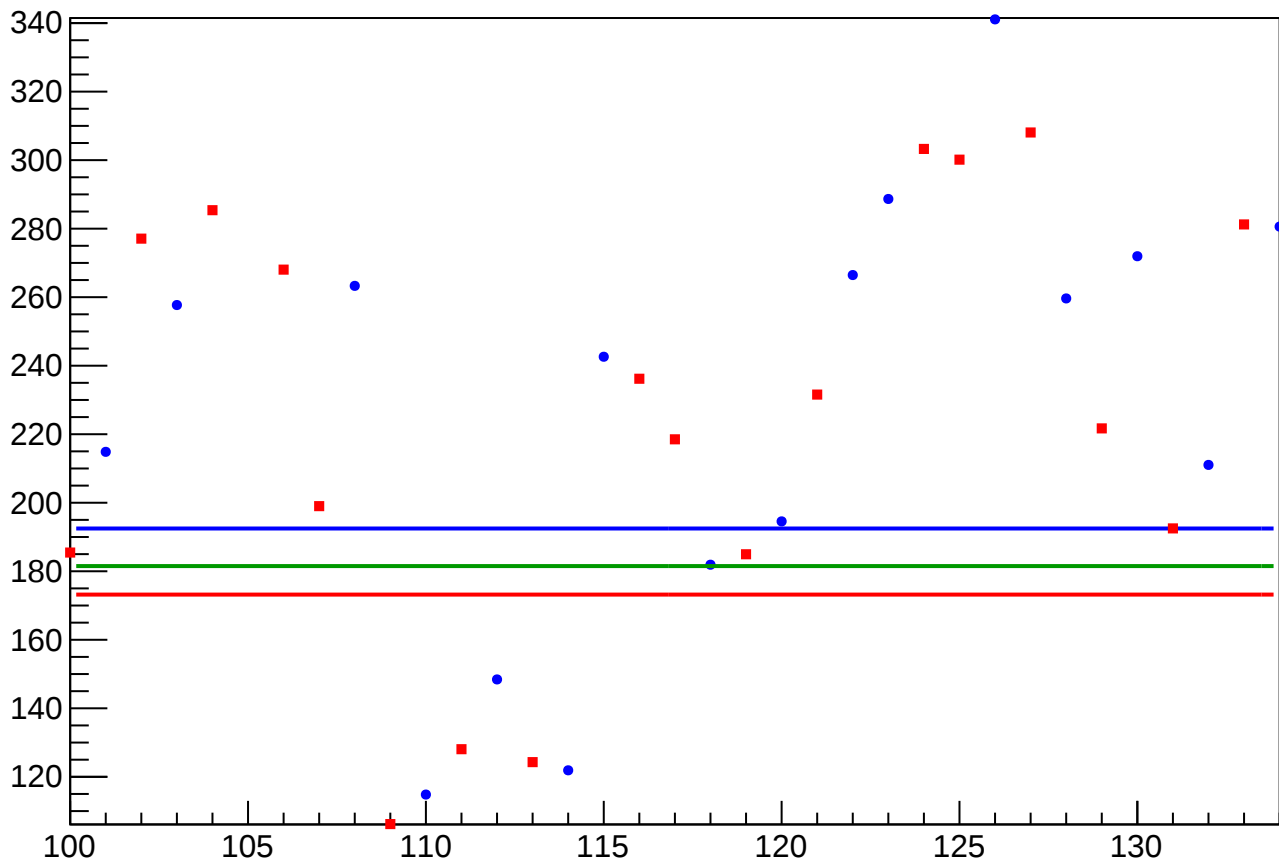
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.786 $\pm$ 85.312 χ^2 /NDF: 5.5/15

63.126 $\pm$ 56.035 χ^2 /NDF: 12.3/33

20.134 $\pm$ 74.313 χ^2 /NDF: 5.9/17

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 192.481+/-0.060 χ^2/NDF : 1013536.9/15

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

Right Out: 173.192+/-0.053 χ^2/NDF : 1573138.3/17

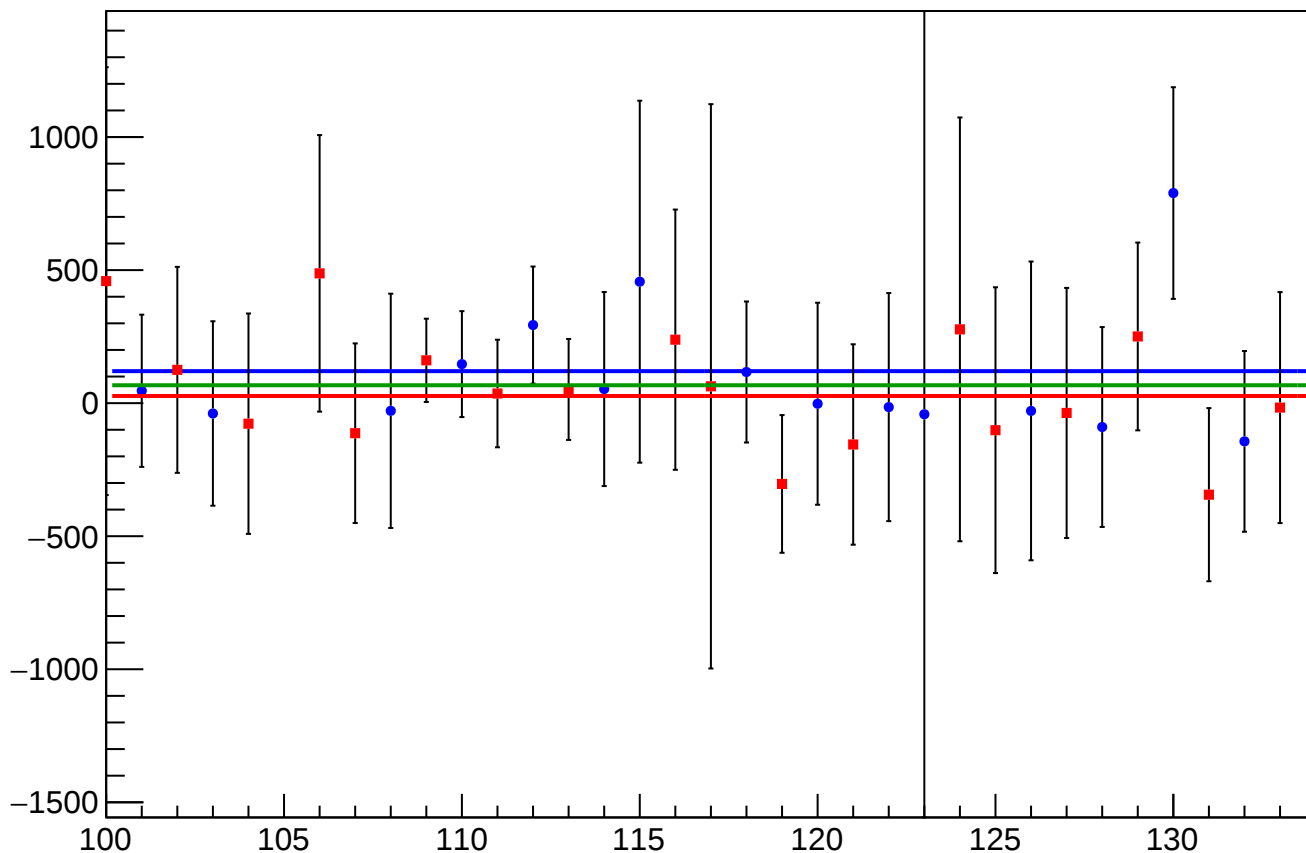
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.481+/-0.060 χ^2/NDF : 1013536.9/15

181.513+/-0.040 χ^2/NDF : 2644810.1/33

173.192+/-0.053 χ^2/NDF : 1573138.3/17

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 120.306 $\pm$ 85.735 χ^2 /NDF: 5.4/15

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

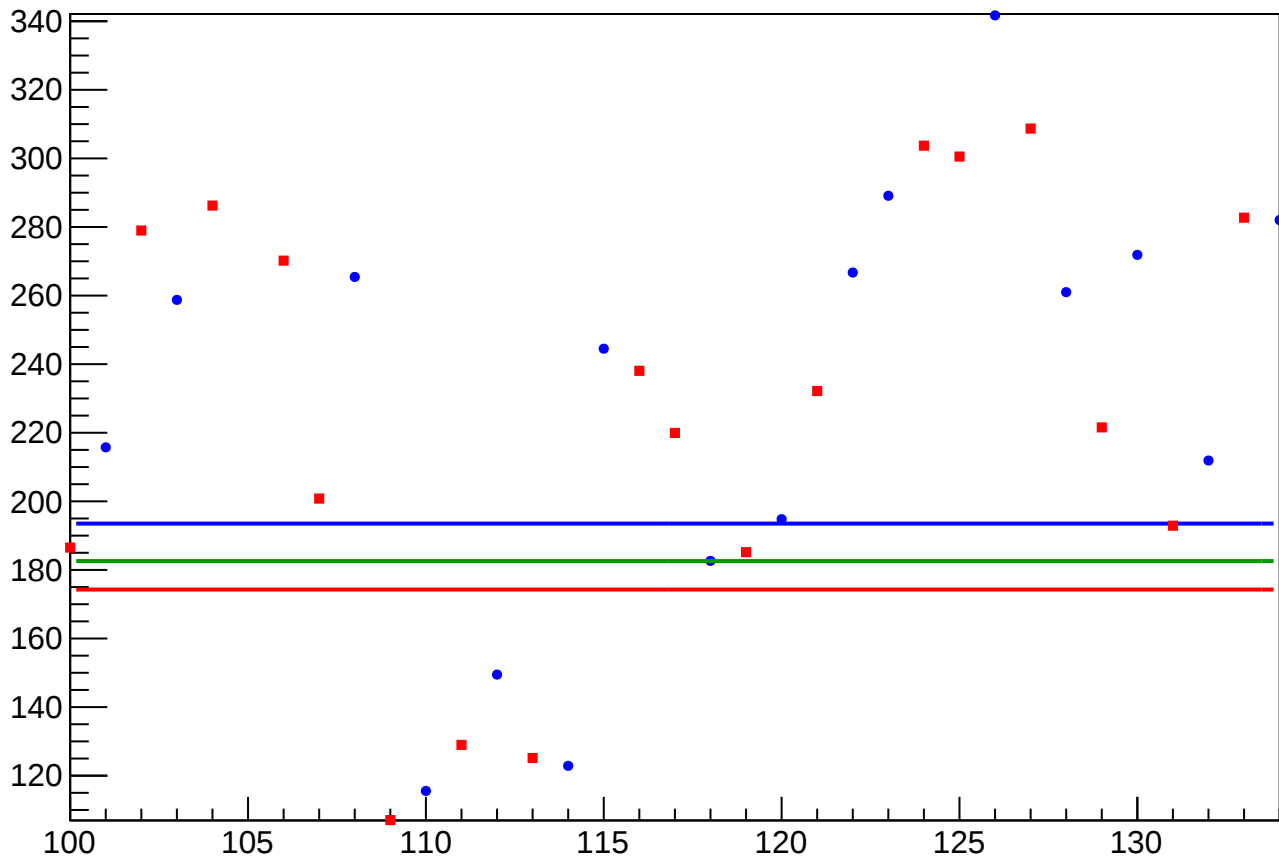
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

120.306 $\pm$ 85.735 χ^2 /NDF: 5.4/15

67.248 $\pm$ 56.335 χ^2 /NDF: 12.1/33

26.932 $\pm$ 74.734 χ^2 /NDF: 6.1/17

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 193.511+/-0.061 χ^2/NDF : 1004898.3/15

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

Right Out: 174.275+/-0.053 χ^2/NDF : 1559943.1/17

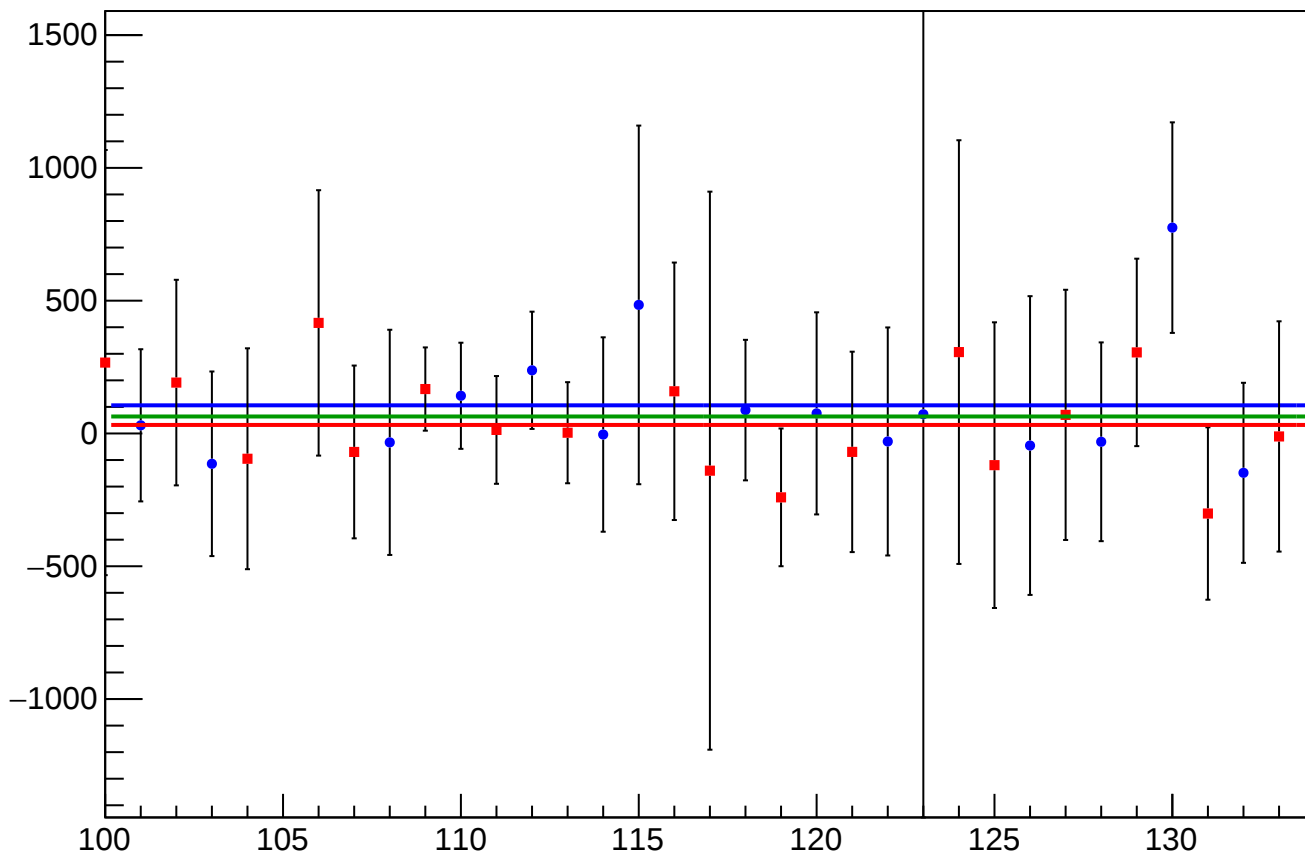
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.511+/-0.061 χ^2/NDF : 1004898.3/15

182.580+/-0.040 χ^2/NDF : 2622055.7/33

174.275+/-0.053 χ^2/NDF : 1559943.1/17

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 105.943 $\pm$ 85.718 χ^2 /NDF: 5.2/15

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

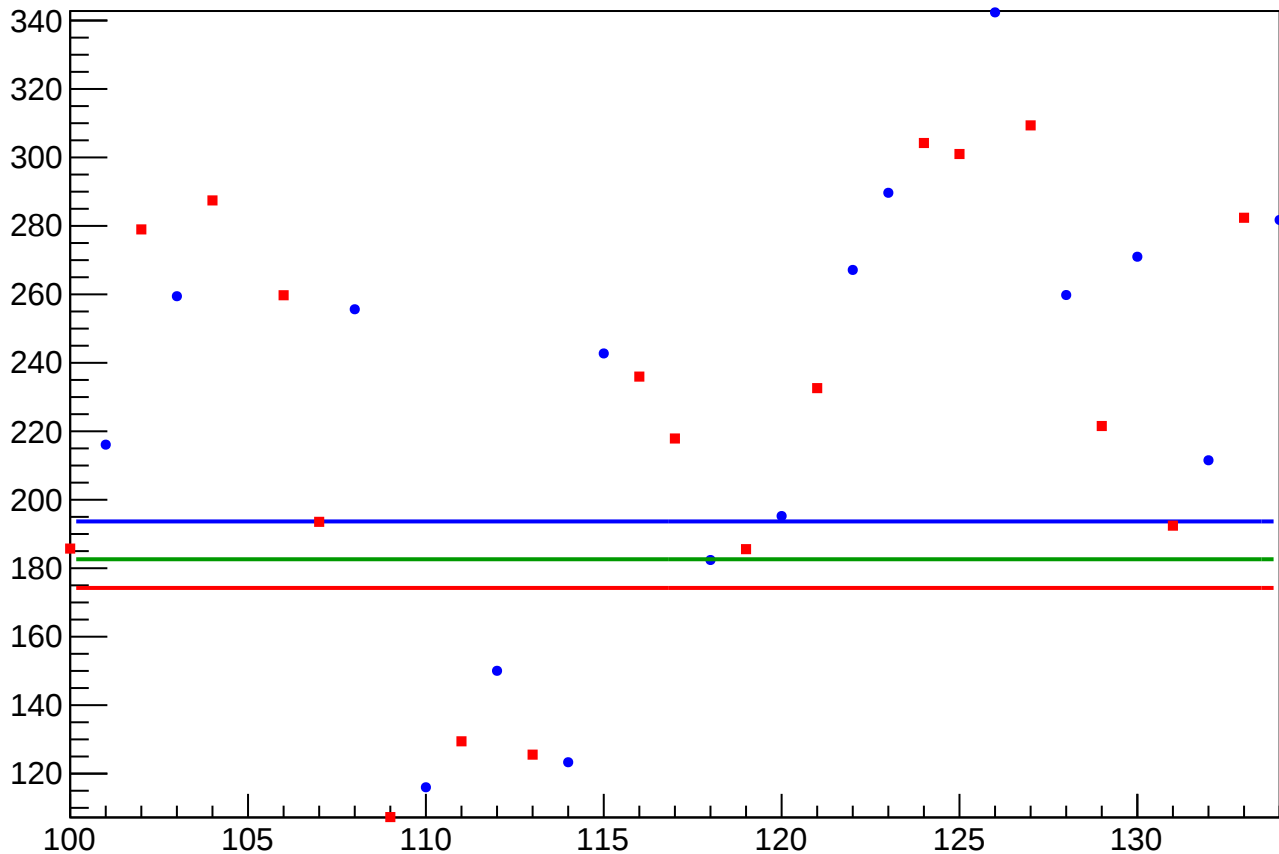
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

105.943 $\pm$ 85.718 χ^2 /NDF: 5.2/15

63.937 $\pm$ 56.291 χ^2 /NDF: 10.6/33

32.087 $\pm$ 74.640 χ^2 /NDF: 5.0/17

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 193.670 $\pm$ 0.061 χ^2 /NDF: 983239.2/15

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

Right Out: 174.243 $\pm$ 0.053 χ^2 /NDF: 1536711.9/17

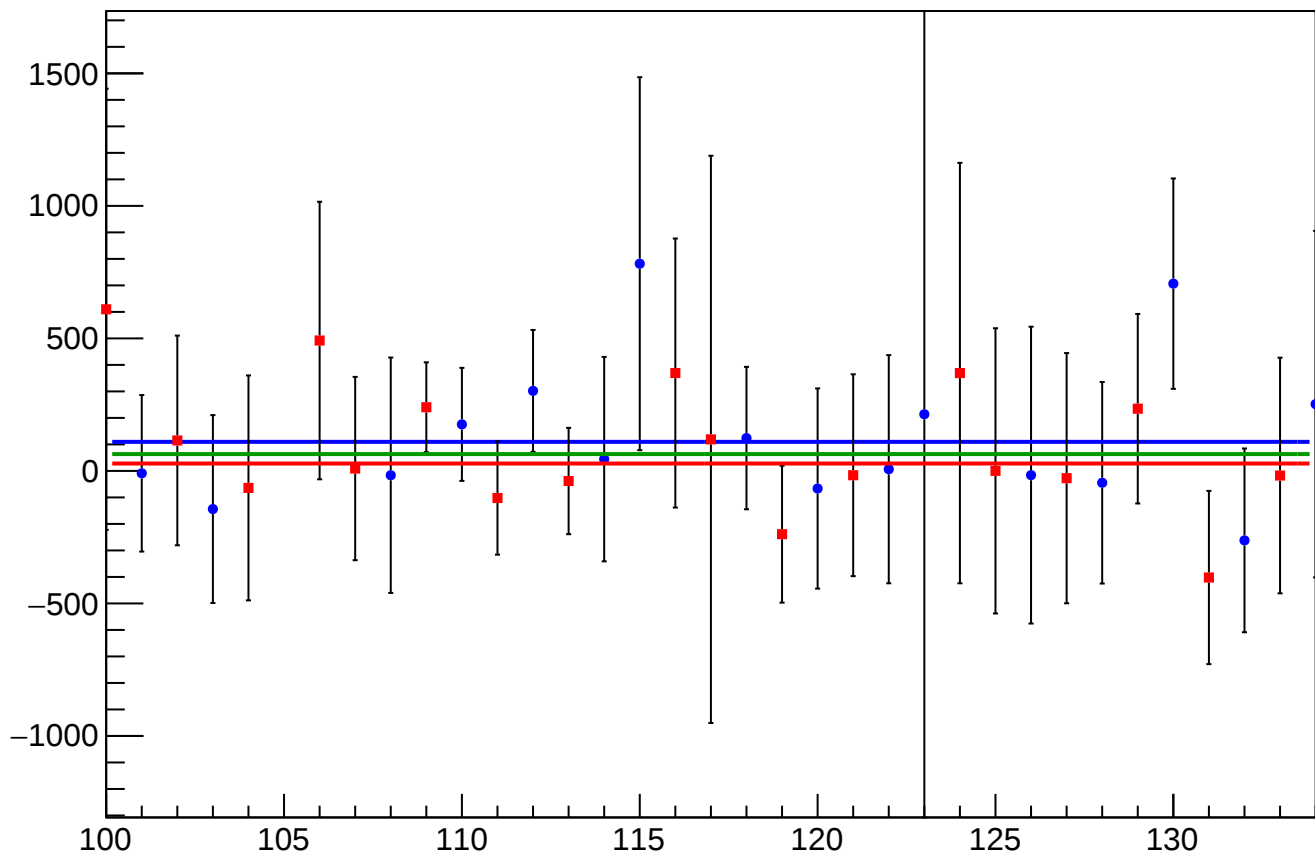
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

193.670 $\pm$ 0.061 χ^2 /NDF: 983239.2/15

182.621 $\pm$ 0.040 χ^2 /NDF: 2578379.9/33

174.243 $\pm$ 0.053 χ^2 /NDF: 1536711.9/17

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 109.717 $\pm$ 88.404 χ^2 /NDF: 6.4/15

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

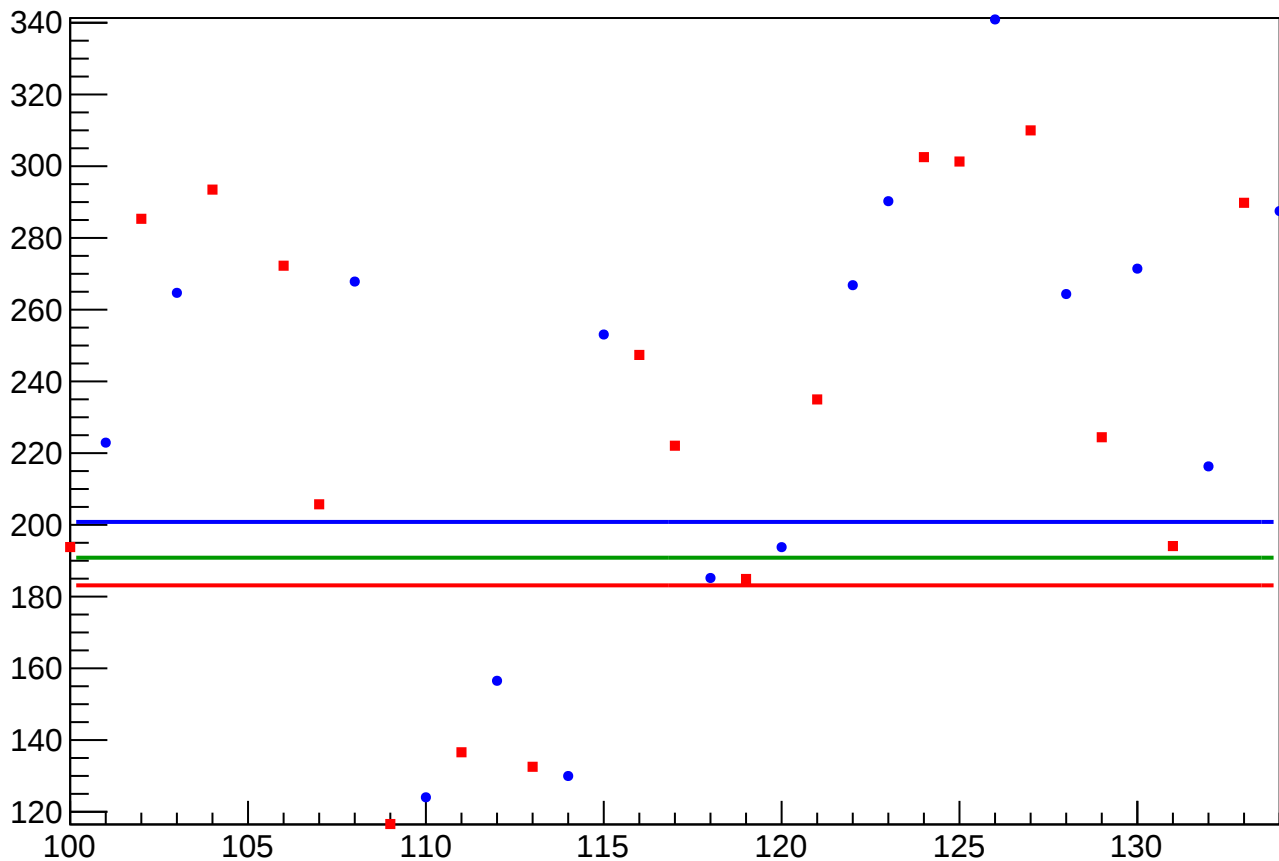
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.717 $\pm$ 88.404 χ^2 /NDF: 6.4/15

63.589 $\pm$ 58.384 χ^2 /NDF: 14.2/33

27.908 $\pm$ 77.752 χ^2 /NDF: 7.2/17

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 200.820 $\pm$ 0.063 χ^2 /NDF: 878708.5/15

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

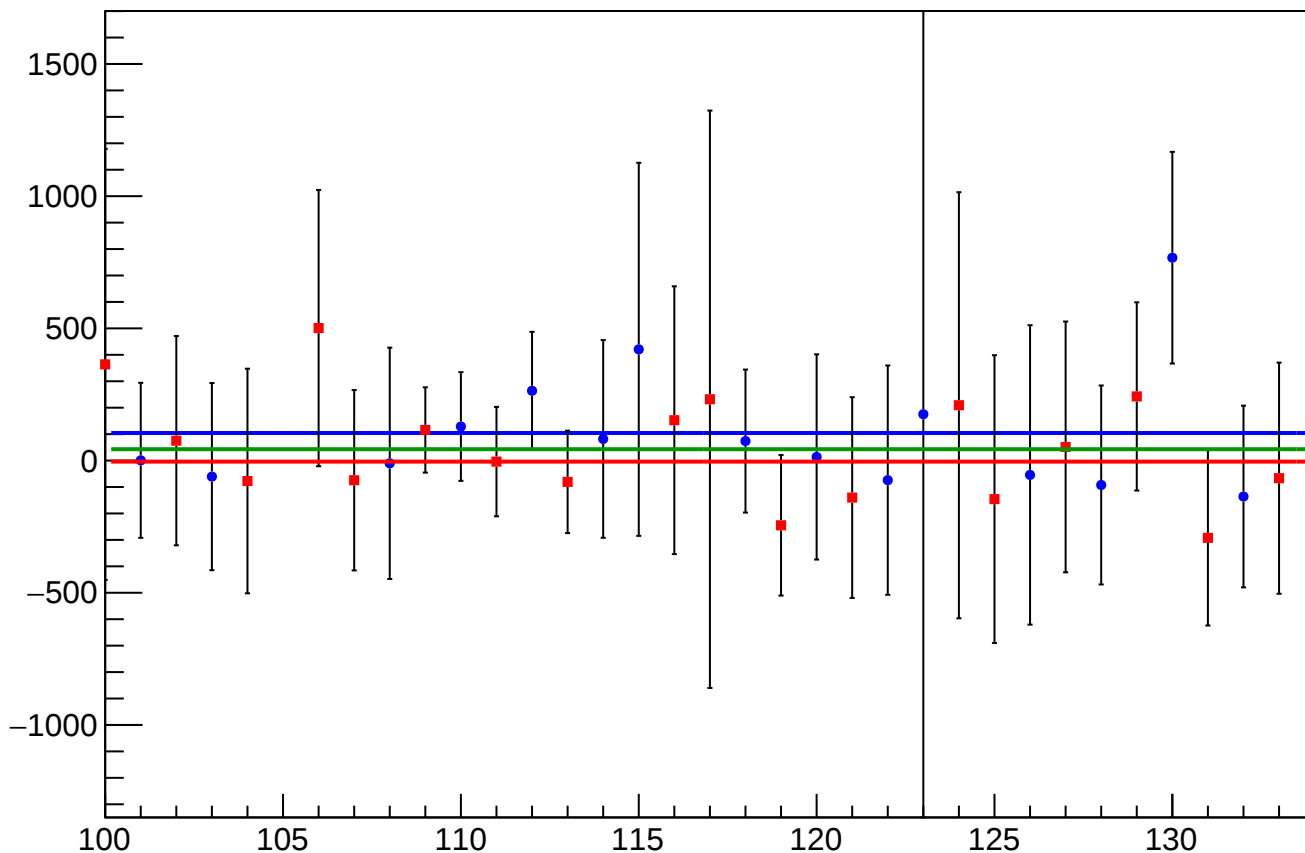
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

200.820 $\pm$ 0.063 χ^2 /NDF: 878708.5/15

190.847 $\pm$ 0.041 χ^2 /NDF: 2292299.1/33

183.132 $\pm$ 0.055 χ^2 /NDF: 1368448.2/17

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 104.312 ± 87.328 $\chi^2/\text{NDF}: 5.1/15$

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

Right Out: -3.919 ± 76.355 $\chi^2/\text{NDF}: 4.5/17$

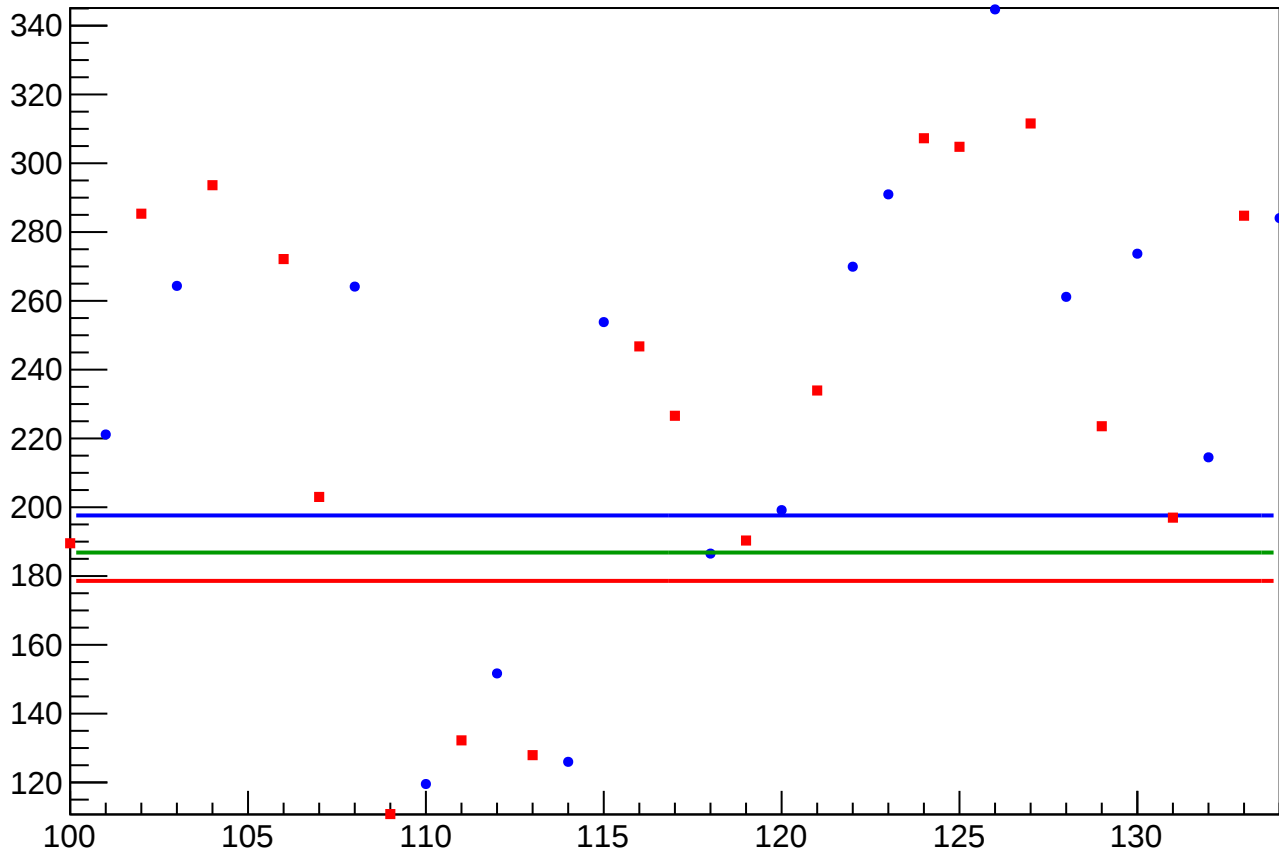
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

104.312 ± 87.328 $\chi^2/\text{NDF}: 5.1/15$

42.973 ± 57.481 $\chi^2/\text{NDF}: 10.4/33$

-3.919 ± 76.355 $\chi^2/\text{NDF}: 4.5/17$

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 197.613+/-0.062 χ^2/NDF : 961010.2/15

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

Right Out: 178.590+/-0.054 χ^2/NDF : 1515487.4/17

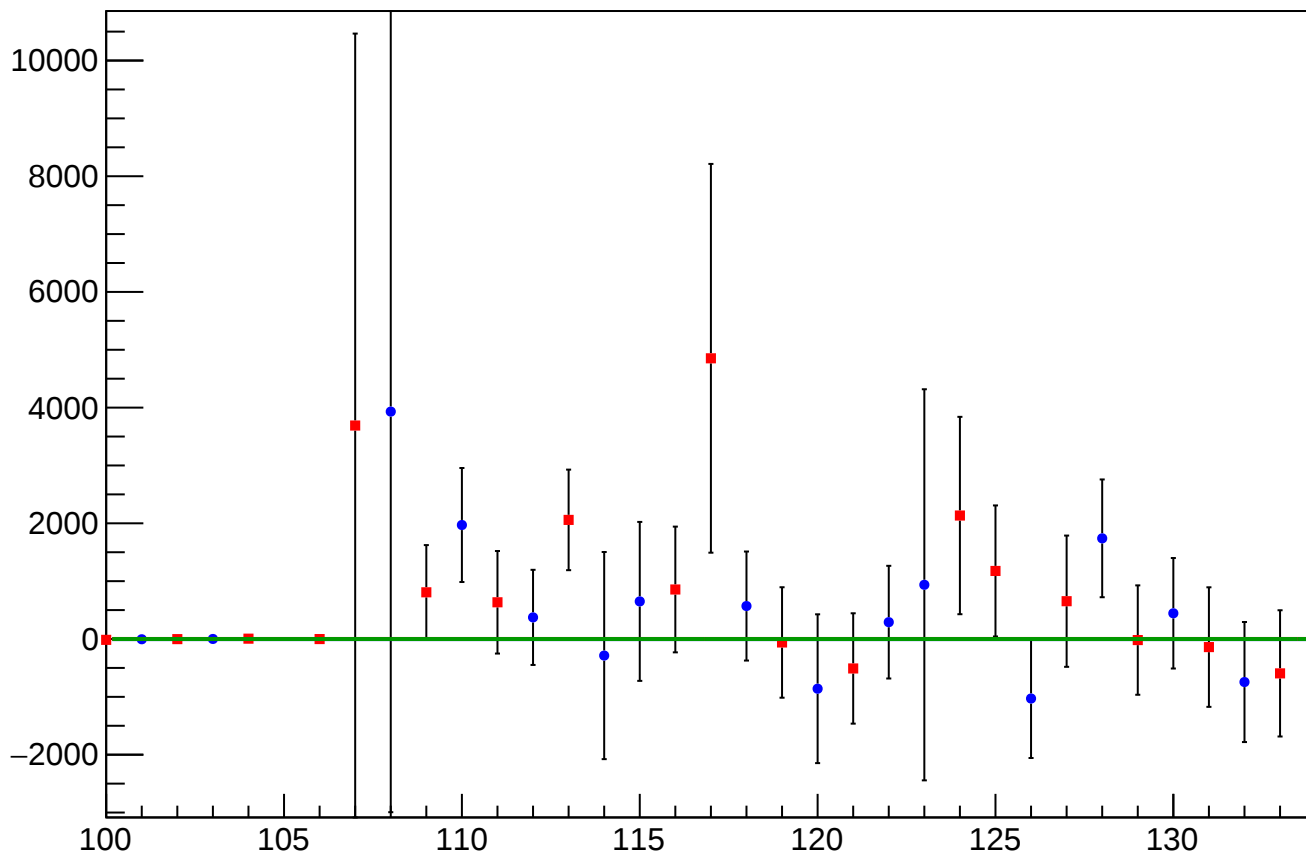
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.613+/-0.062 χ^2/NDF : 961010.2/15

186.832+/-0.041 χ^2/NDF : 2530281.6/33

178.590+/-0.054 χ^2/NDF : 1515487.4/17

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.502+/-2.251 χ^2/NDF : 11.8/15

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

Right Out: 0.742+/-2.111 χ^2/NDF : 19.6/17

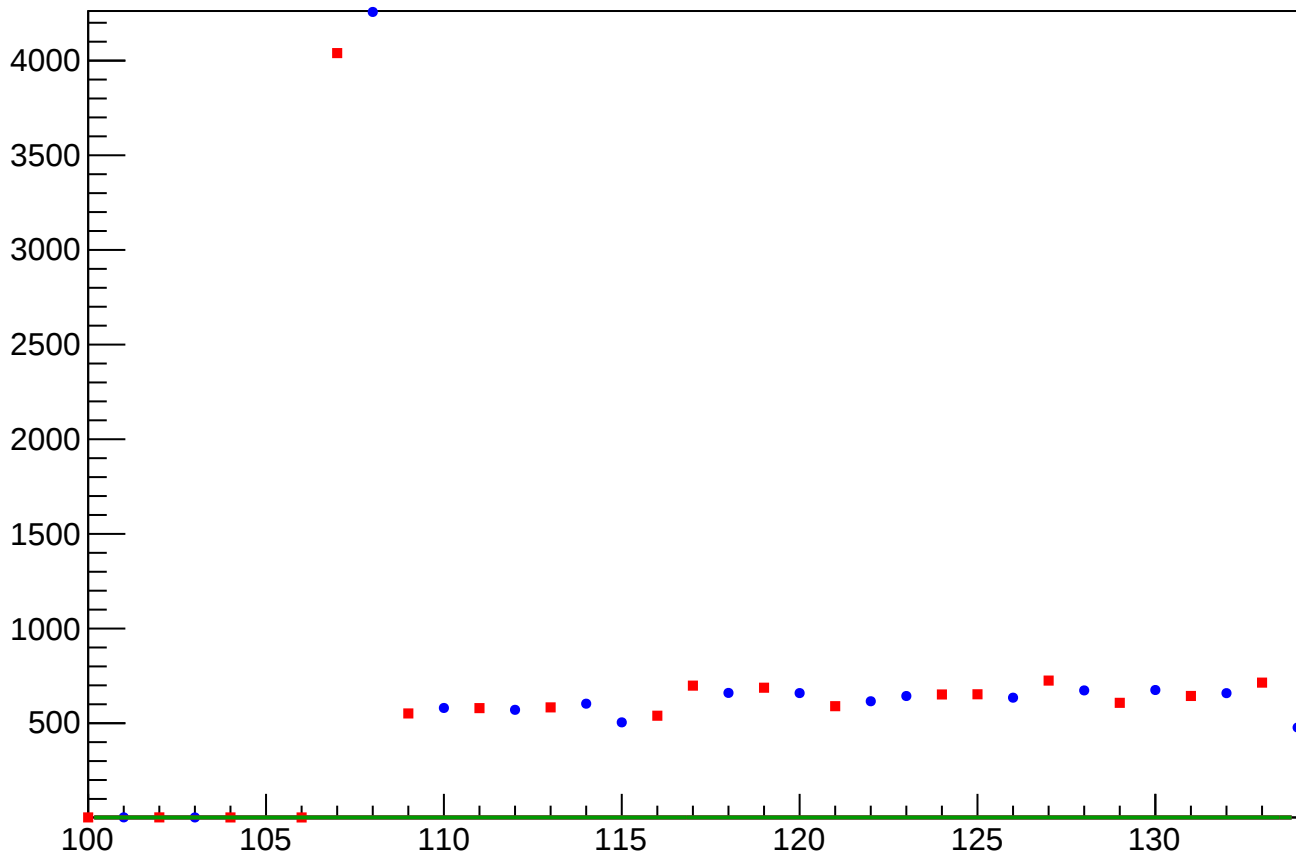
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.502+/-2.251 χ^2/NDF : 11.8/15

-0.308+/-1.540 χ^2/NDF : 32.0/33

0.742+/-2.111 χ^2/NDF : 19.6/17

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.445 $\pm$ 0.002 χ^2 /NDF: 9047452.9/15

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

Right Out: 2.429 $\pm$ 0.001 χ^2 /NDF: 9935206.0/17

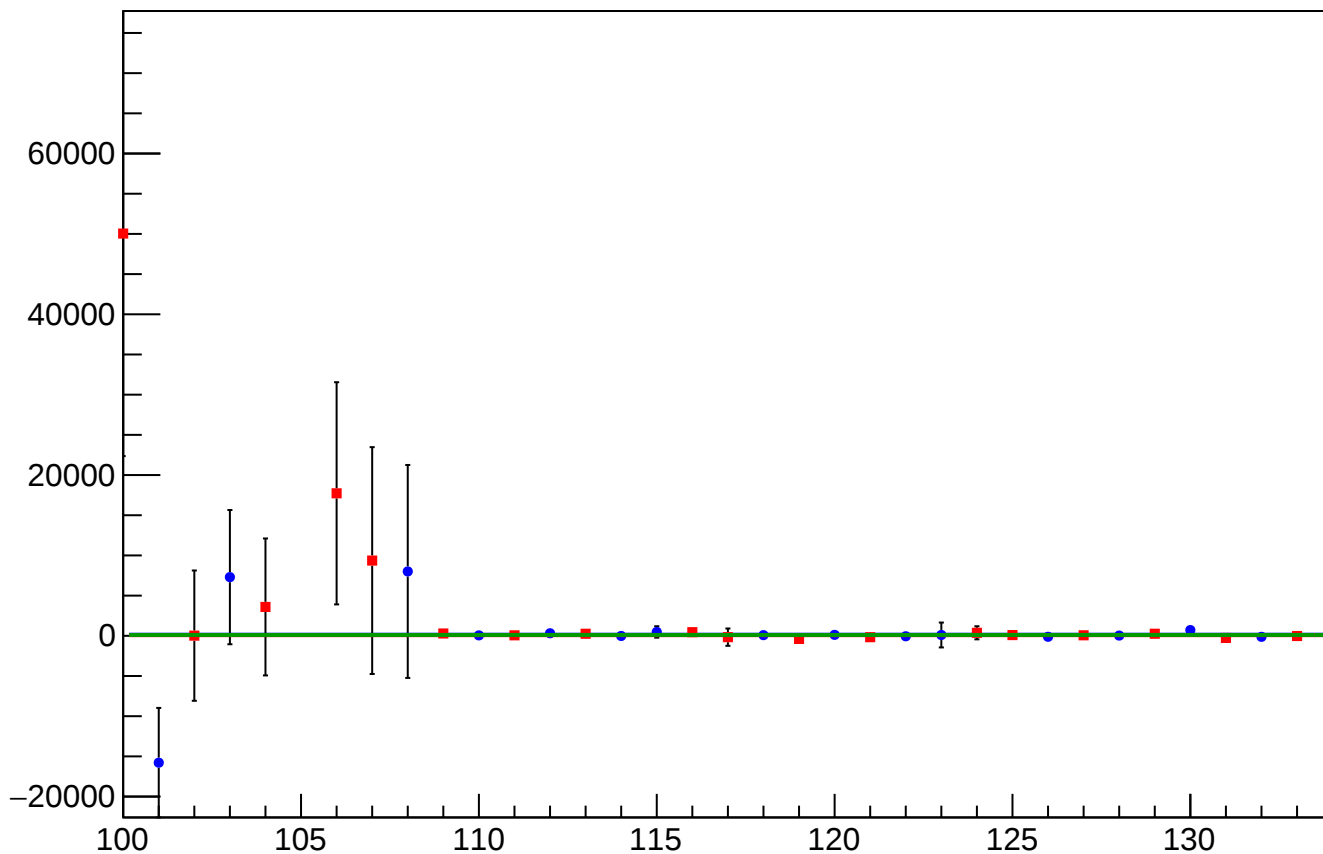
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.445 $\pm$ 0.002 χ^2 /NDF: 9047452.9/15

2.436 $\pm$ 0.001 χ^2 /NDF: 18982710.7/33

2.429 $\pm$ 0.001 χ^2 /NDF: 9935206.0/17

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 133.873+/-99.568 χ^2/NDF : 11.0/15

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

Right Out: 82.923+/-91.294 χ^2/NDF : 12.2/17

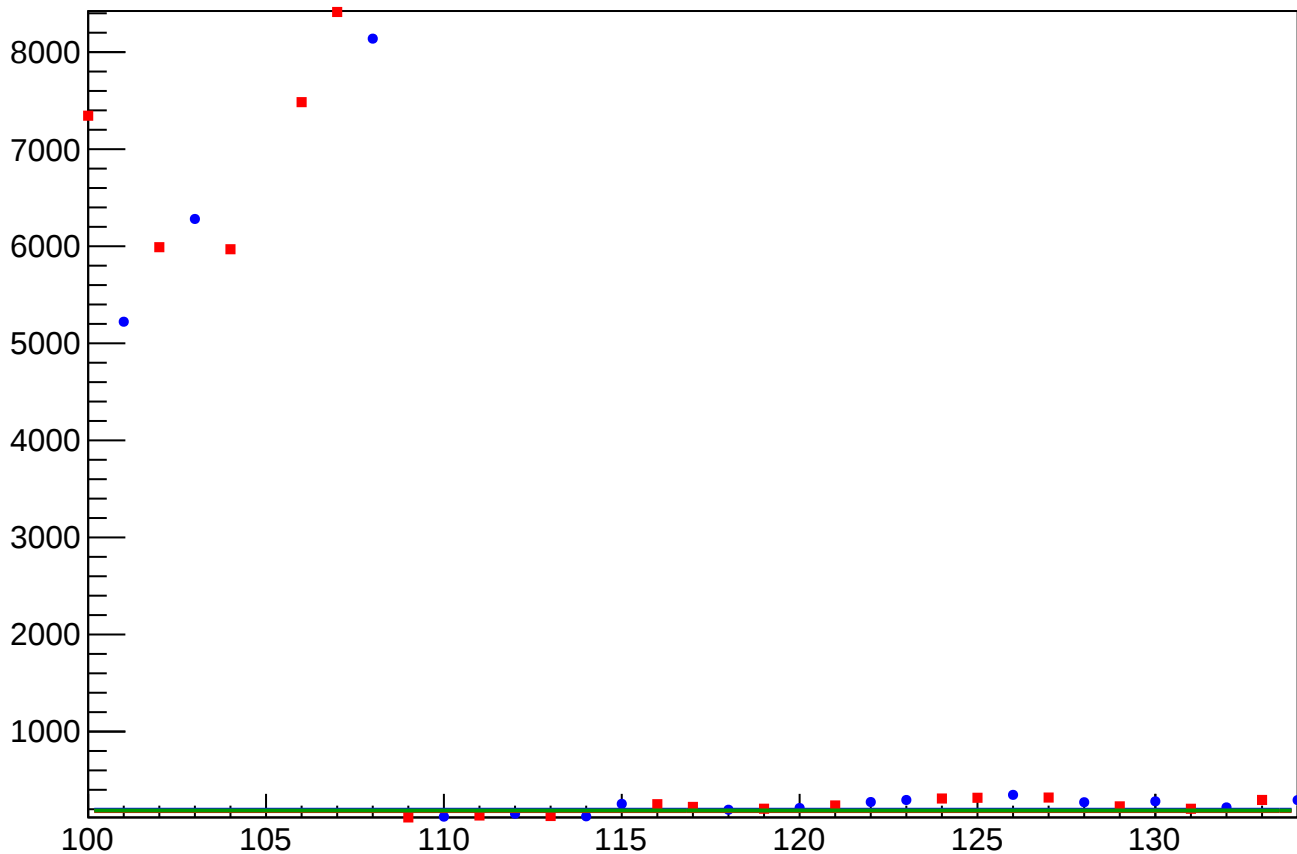
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.873+/-99.568 χ^2/NDF : 11.0/15

106.194+/-67.290 χ^2/NDF : 23.3/33

82.923+/-91.294 χ^2/NDF : 12.2/17

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 194.247+/-0.070 χ^2/NDF : 3682435.2/15

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

Right Out: 181.029+/-0.065 χ^2/NDF : 4313888.1/17

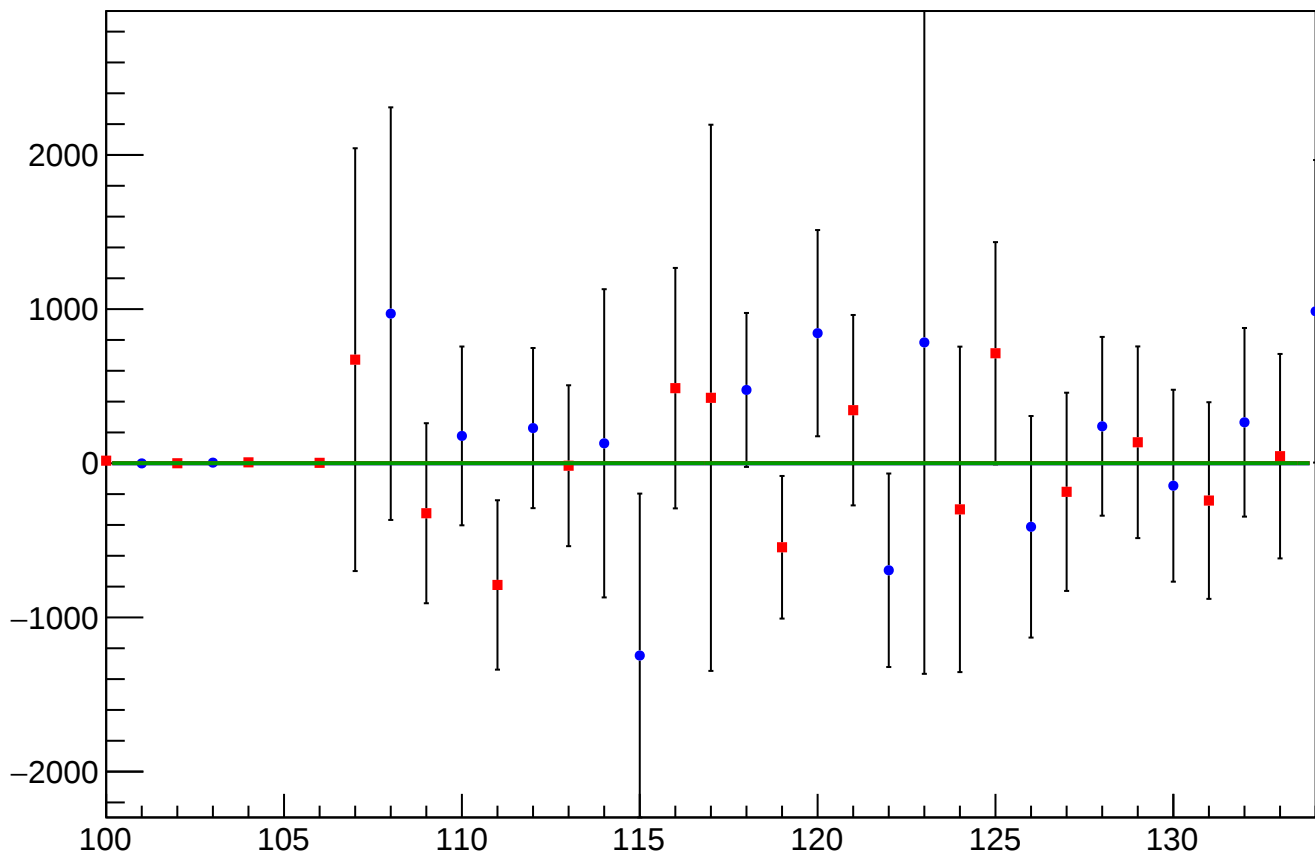
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.247+/-0.070 χ^2/NDF : 3682435.2/15

187.066+/-0.048 χ^2/NDF : 8015471.0/33

181.029+/-0.065 χ^2/NDF : 4313888.1/17

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.147 ± 1.737 χ^2/NDF : 8.7/15

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

Right Out: 1.325 ± 1.623 χ^2/NDF : 8.8/17

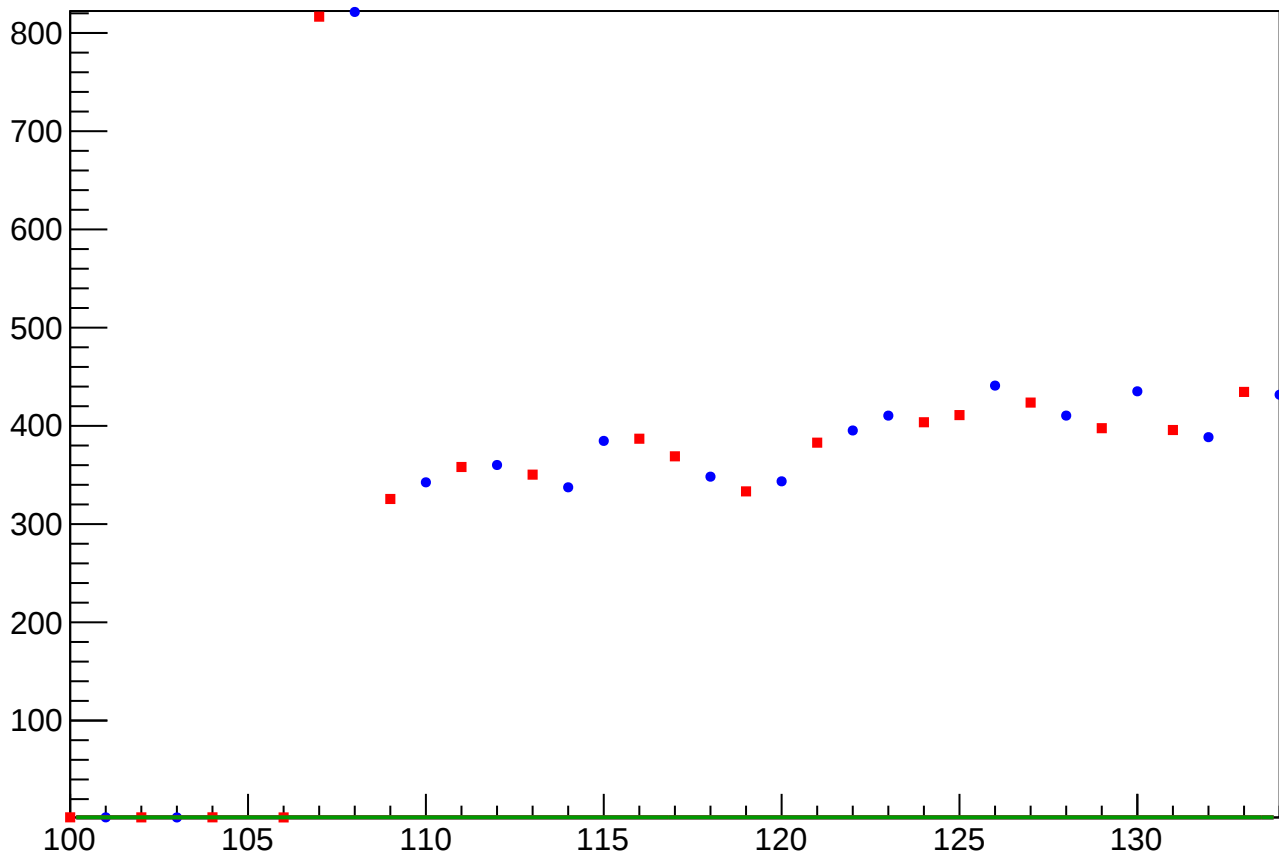
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.147 ± 1.737 χ^2/NDF : 8.7/15

0.639 ± 1.186 χ^2/NDF : 17.9/33

1.325 ± 1.623 χ^2/NDF : 8.8/17

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.446+/-0.001 χ^2/NDF : 9137728.2/15

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

Right Out: 1.447+/-0.001 χ^2/NDF : 9656986.4/17

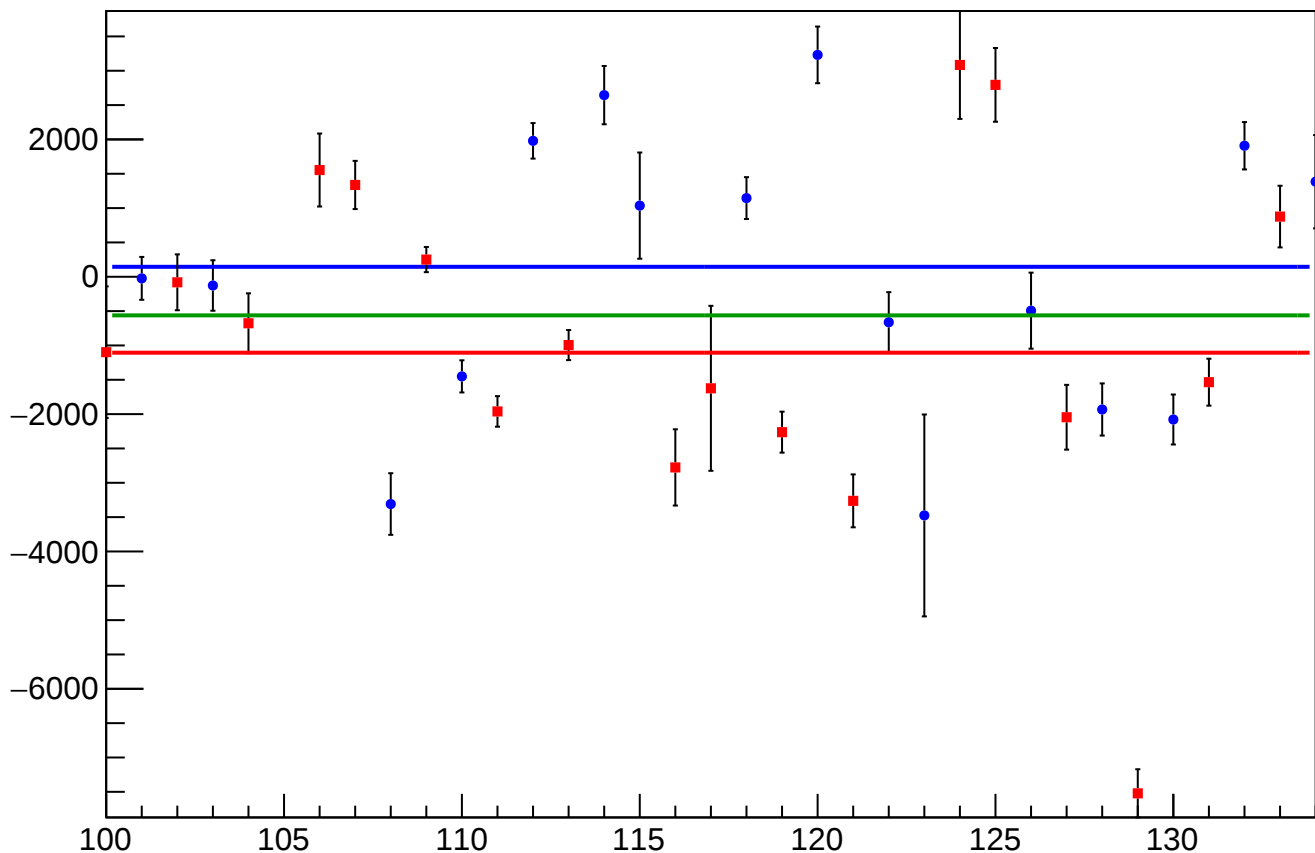
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.446+/-0.001 χ^2/NDF : 9137728.2/15

1.446+/-0.001 χ^2/NDF : 18794715.0/33

1.447+/-0.001 χ^2/NDF : 9656986.4/17

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 145.028+/-93.777 χ^2/NDF : 367.2/15

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

Right Out: -1105.604+/-82.217 χ^2/NDF : 646.5/17

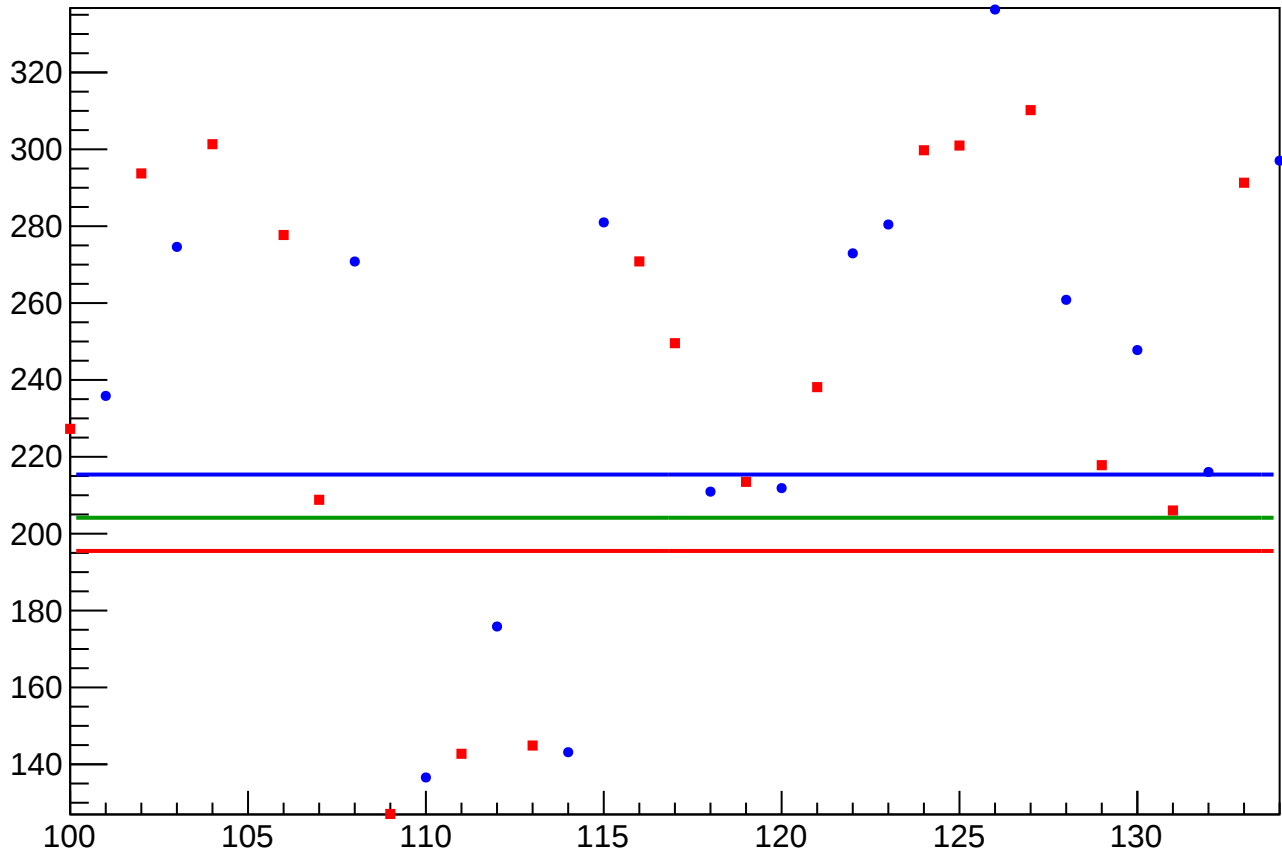
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.028+/-93.777 χ^2/NDF : 367.2/15

-562.079+/-61.822 χ^2/NDF : 1114.3/33

-1105.604+/-82.217 χ^2/NDF : 646.5/17

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 215.384 $\pm$ 0.066 χ^2 /NDF: 644920.4/15

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

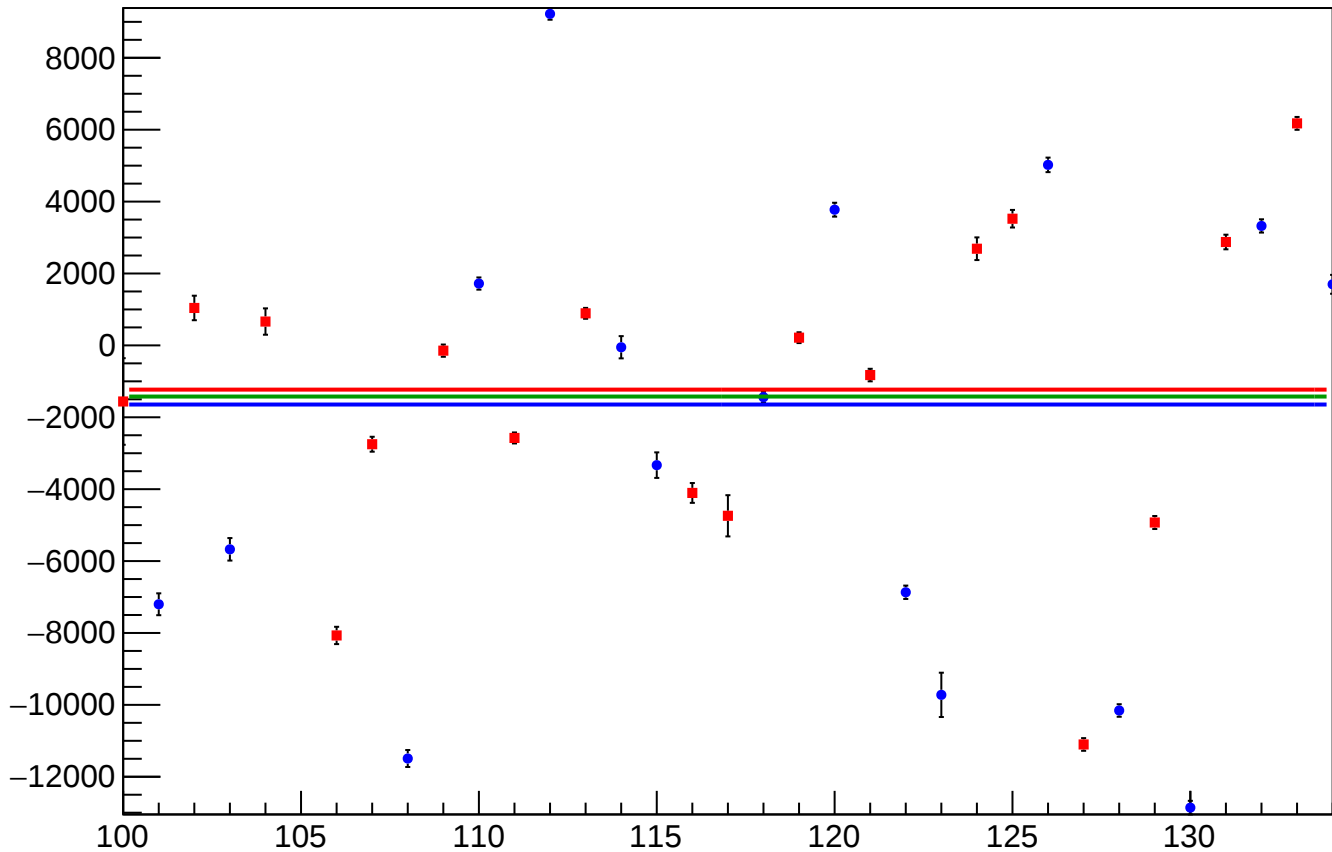
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

215.384 $\pm$ 0.066 χ^2 /NDF: 644920.4/15

204.145 $\pm$ 0.044 χ^2 /NDF: 1885243.3/33

195.507 $\pm$ 0.058 χ^2 /NDF: 1189518.6/17

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1645.188 ± 52.598 $\chi^2/\text{NDF}: 16733.8/15$

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

Right Out: -1230.372 ± 49.017 $\chi^2/\text{NDF}: 7694.2/17$

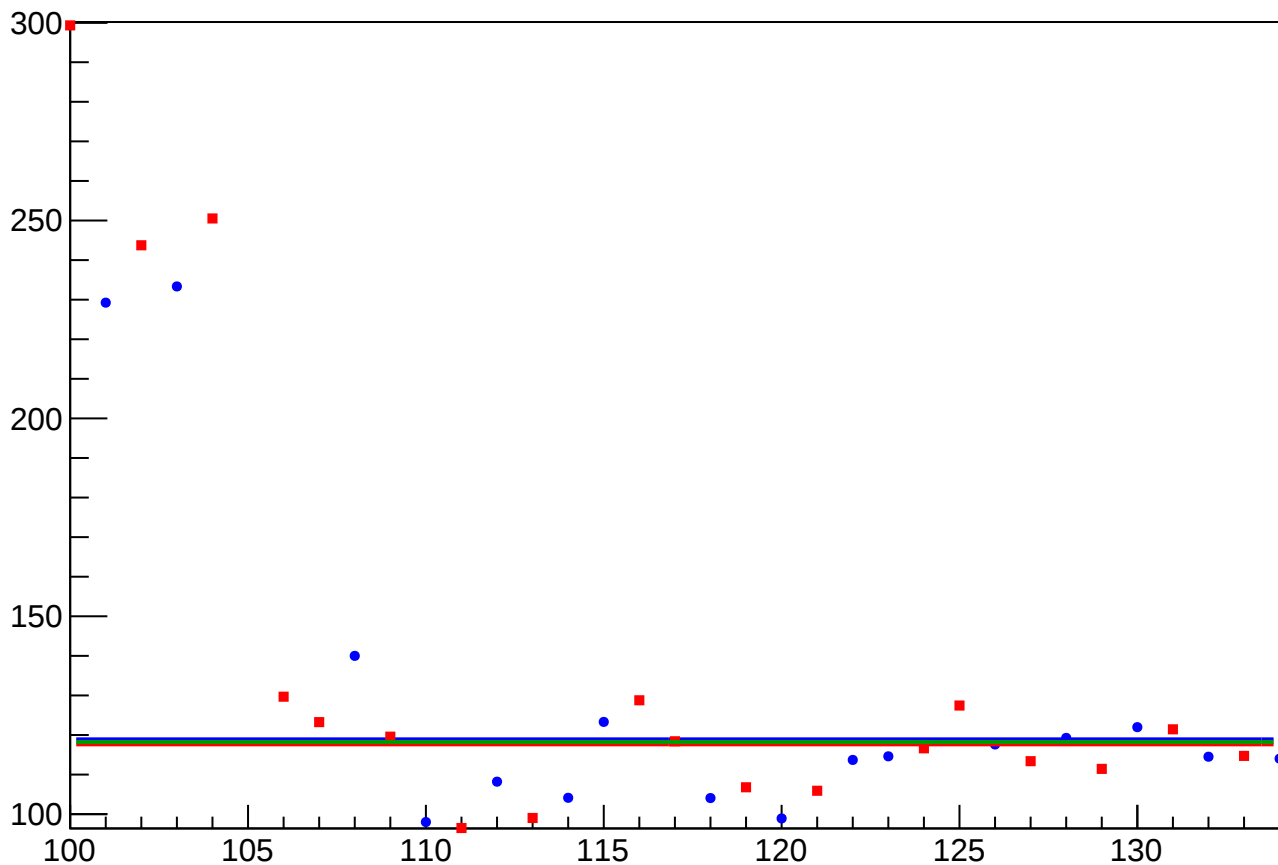
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1645.188 ± 52.598 $\chi^2/\text{NDF}: 16733.8/15$

-1423.178 ± 35.859 $\chi^2/\text{NDF}: 24461.3/33$

-1230.372 ± 49.017 $\chi^2/\text{NDF}: 7694.2/17$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.904 +/- 0.037 χ^2/NDF : 635019.6/15

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

Right Out: 117.642 +/- 0.035 χ^2/NDF : 687693.3/17

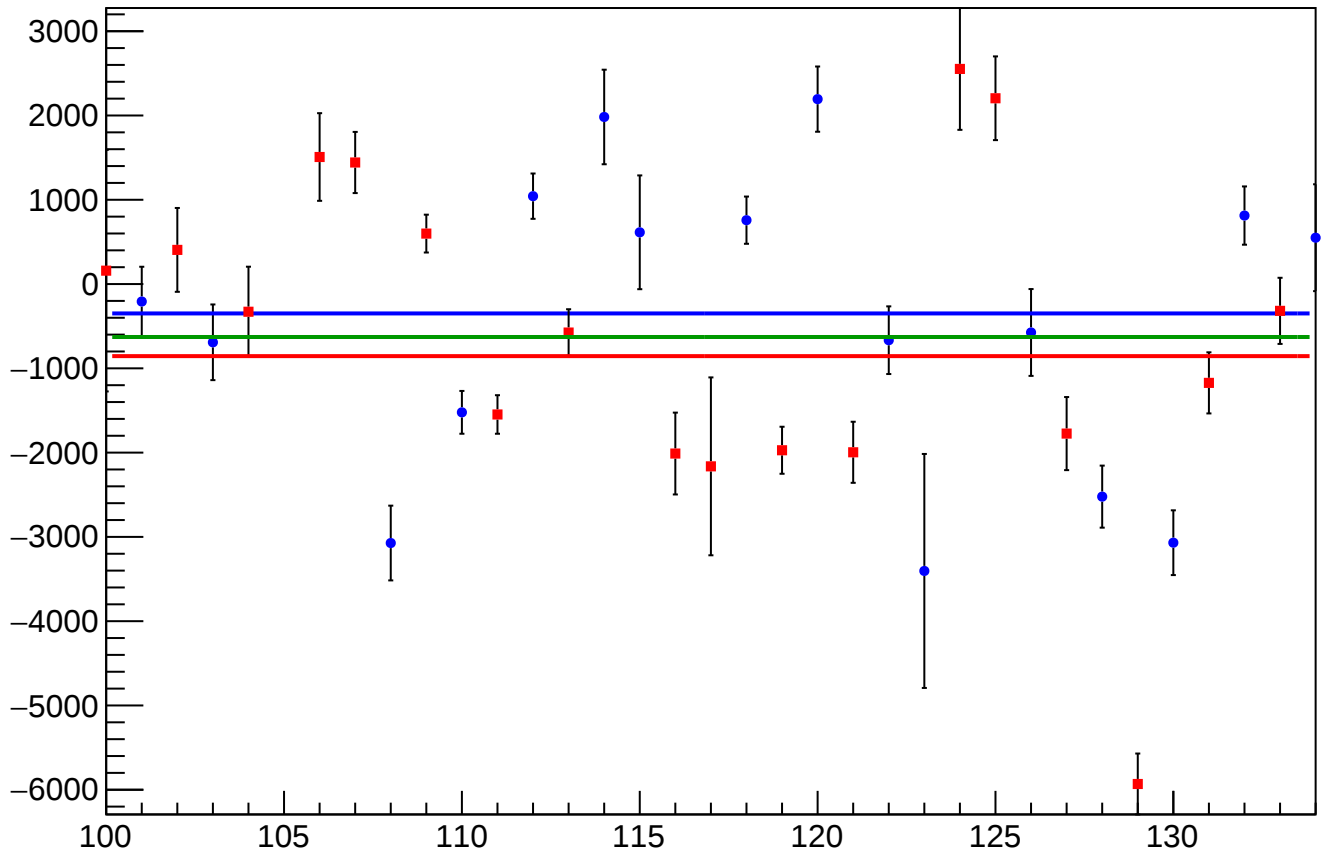
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

118.904 +/- 0.037 χ^2/NDF : 635019.6/15

118.229 +/- 0.025 χ^2/NDF : 1323329.6/33

117.642 +/- 0.035 χ^2/NDF : 687693.3/17

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -348.610+/-97.335 χ^2/NDF : 268.6/15

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

Right Out: -855.155+/-87.704 χ^2/NDF : 418.5/17

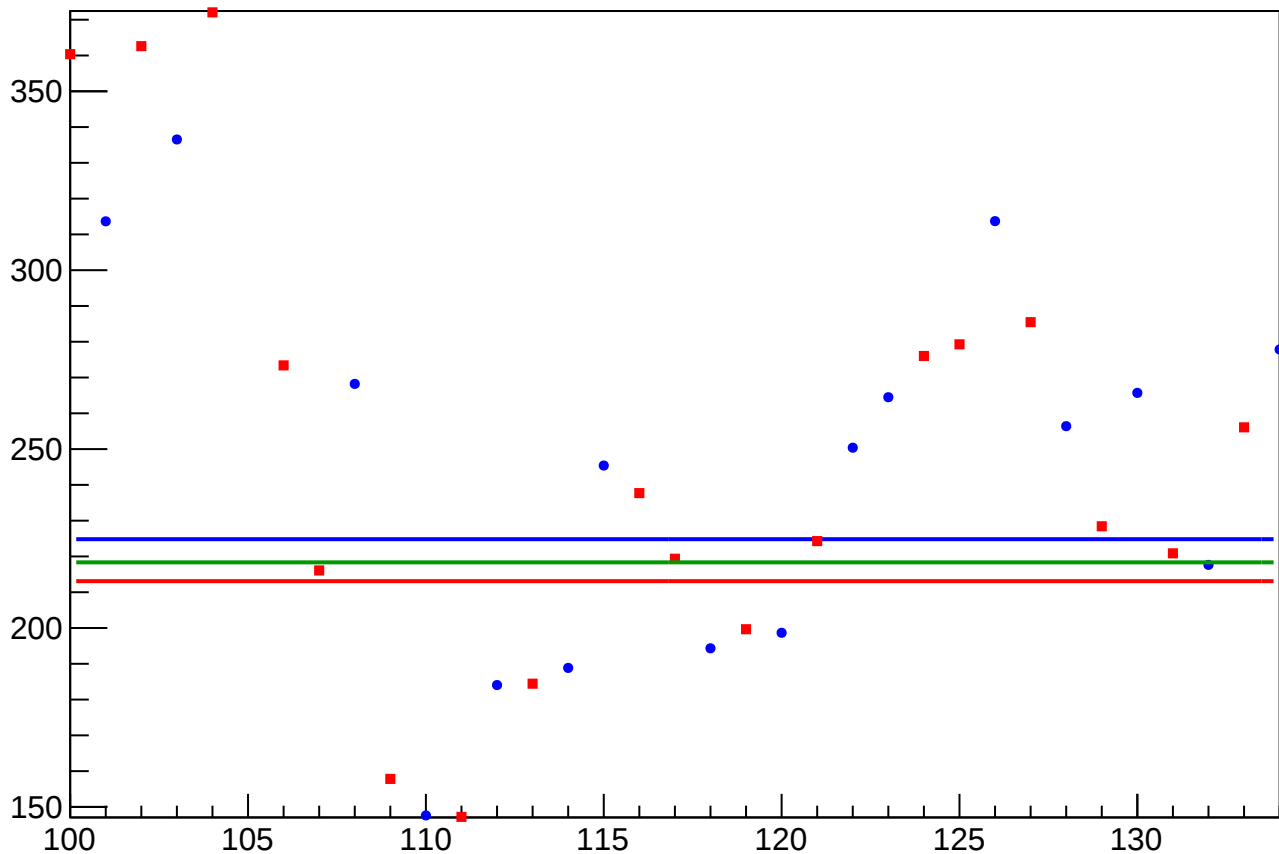
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-348.610+/-97.335 χ^2/NDF : 268.6/15

-628.175+/-65.156 χ^2/NDF : 702.1/33

-855.155+/-87.704 χ^2/NDF : 418.5/17

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 224.819+/-0.069 χ^2/NDF : 630959.8/15

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

Right Out: 213.095+/-0.062 χ^2/NDF : 861060.4/17

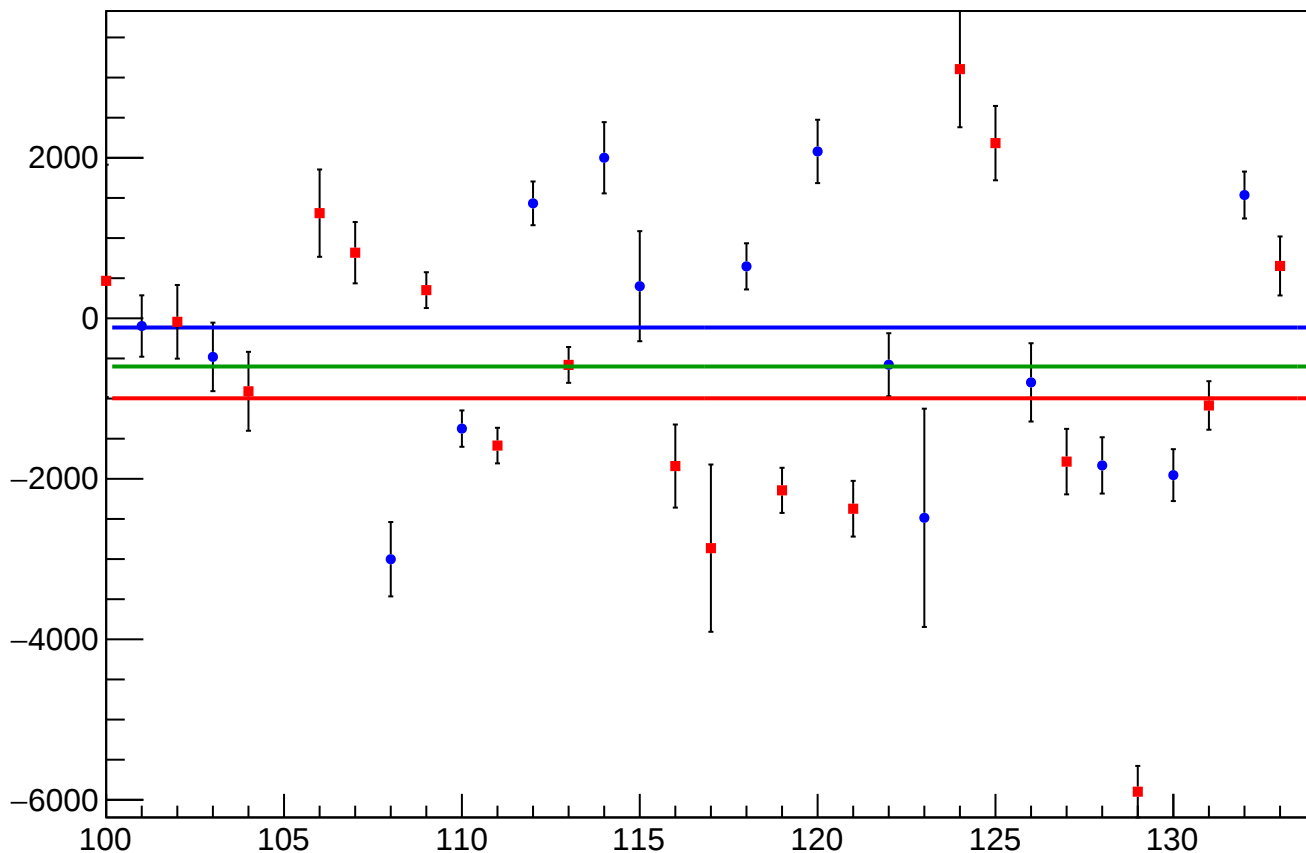
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

224.819+/-0.069 χ^2/NDF : 630959.8/15

218.348+/-0.046 χ^2/NDF : 1508035.5/33

213.095+/-0.062 χ^2/NDF : 861060.4/17

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -114.400+/-91.549 χ^2/NDF : 262.3/15

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

Right Out: -996.461+/-82.676 χ^2/NDF : 467.3/17

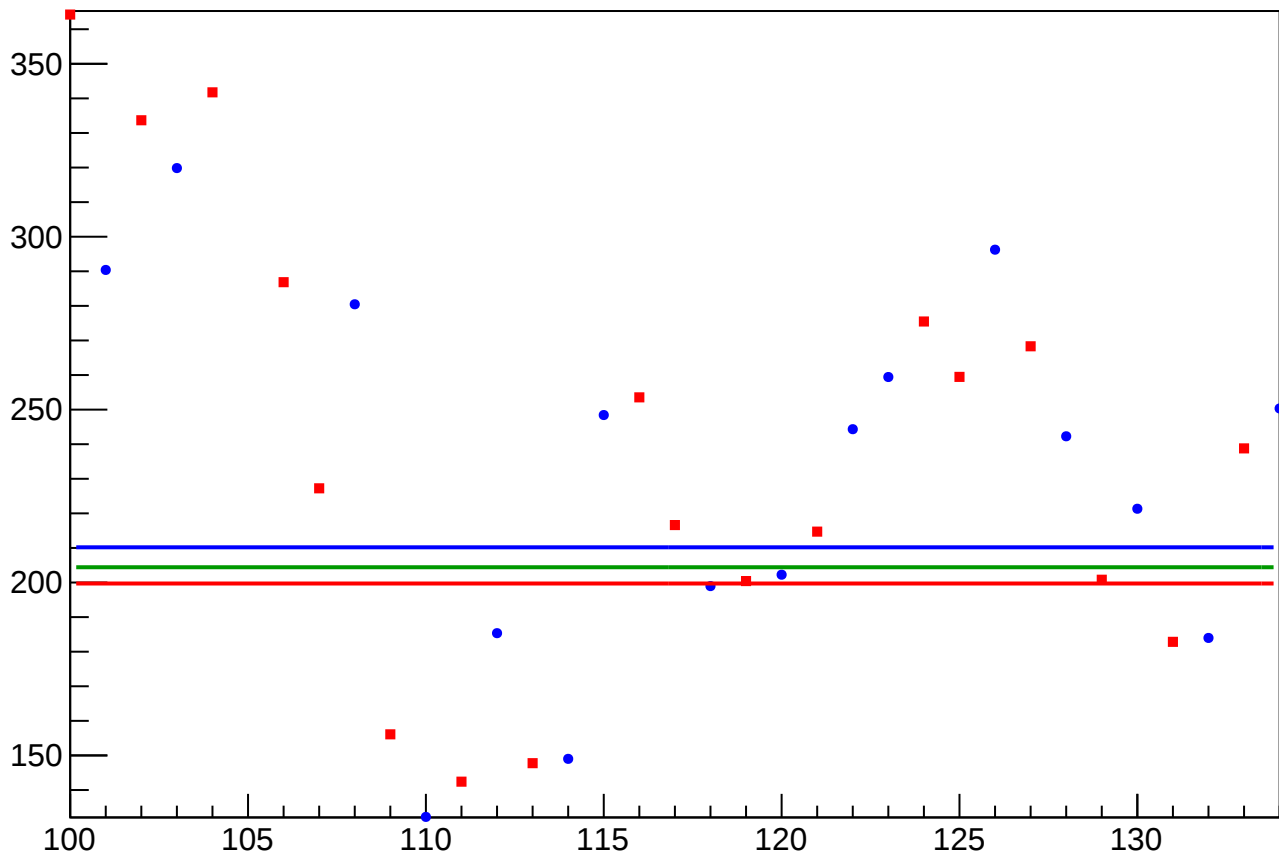
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-114.400+/-91.549 χ^2/NDF : 262.3/15

-600.235+/-61.359 χ^2/NDF : 780.7/33

-996.461+/-82.676 χ^2/NDF : 467.3/17

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 210.186+/-0.065 χ^2/NDF : 692621.8/15

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

Right Out: 199.717+/-0.058 χ^2/NDF : 909410.4/17

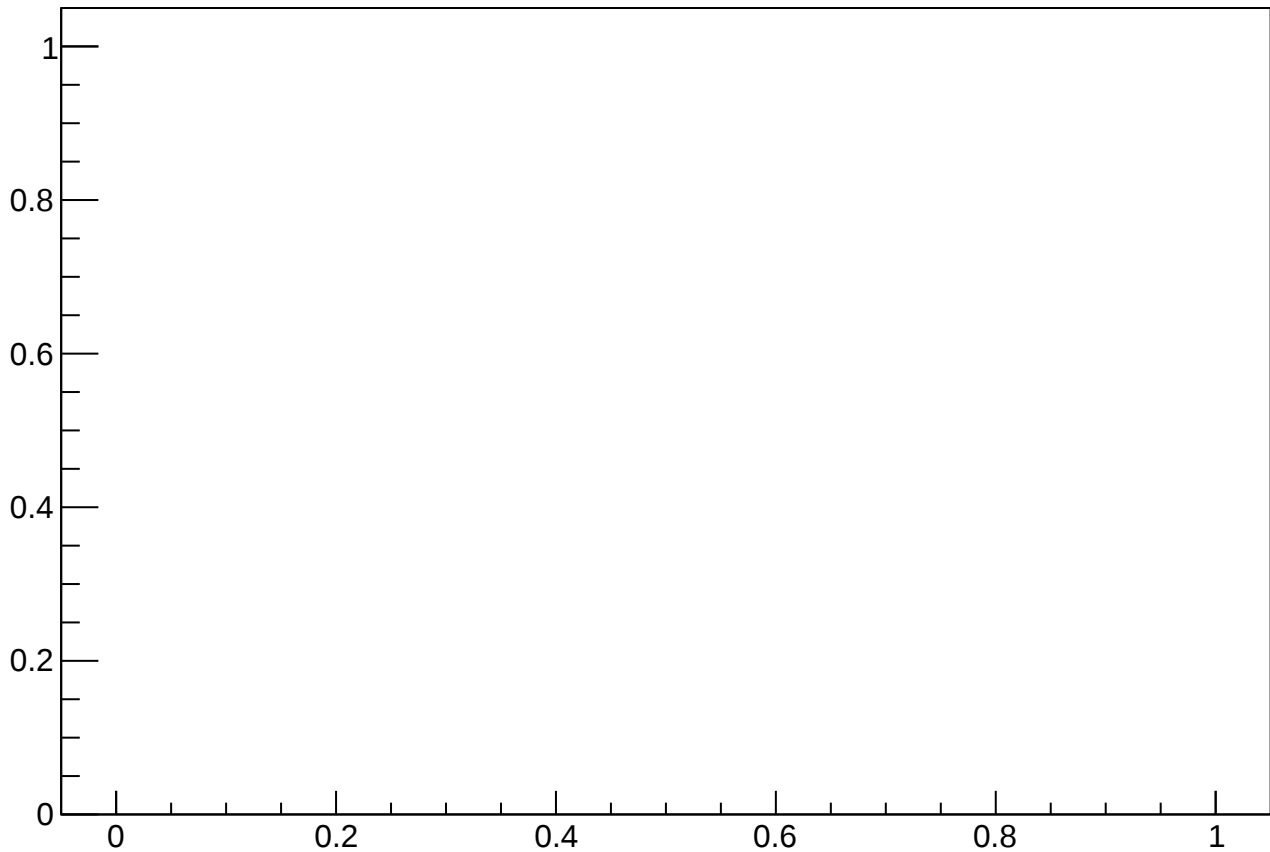
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

210.186+/-0.065 χ^2/NDF : 692621.8/15

204.420+/-0.043 χ^2/NDF : 1616435.7/33

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

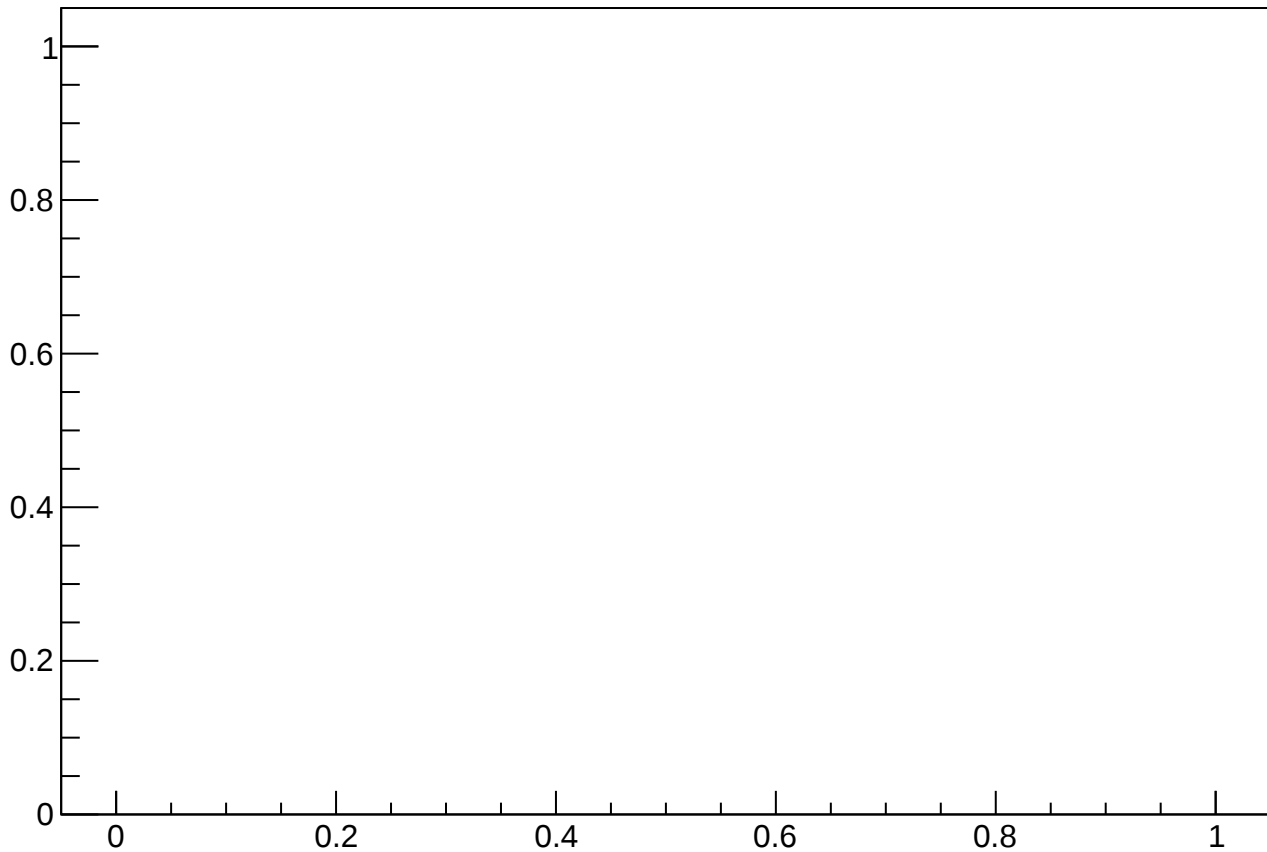
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

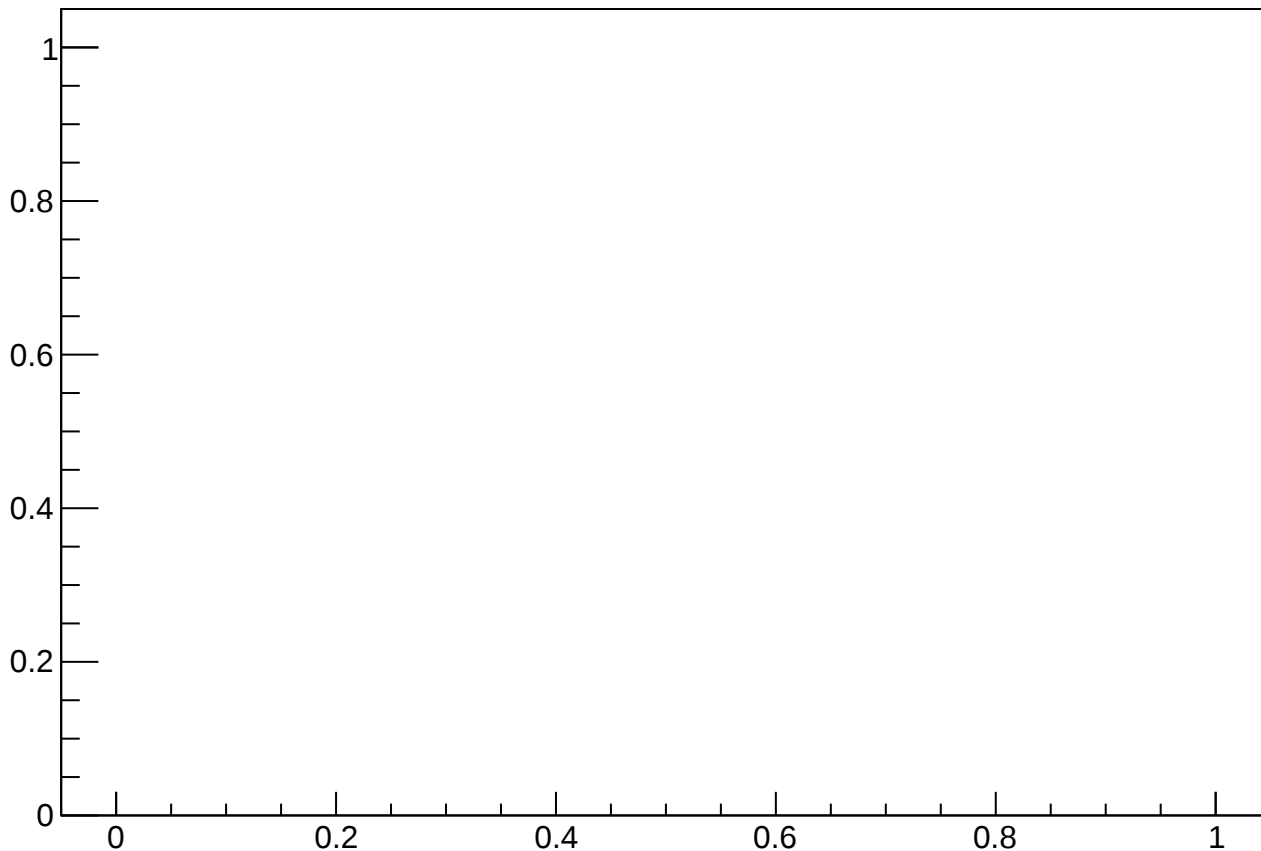
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

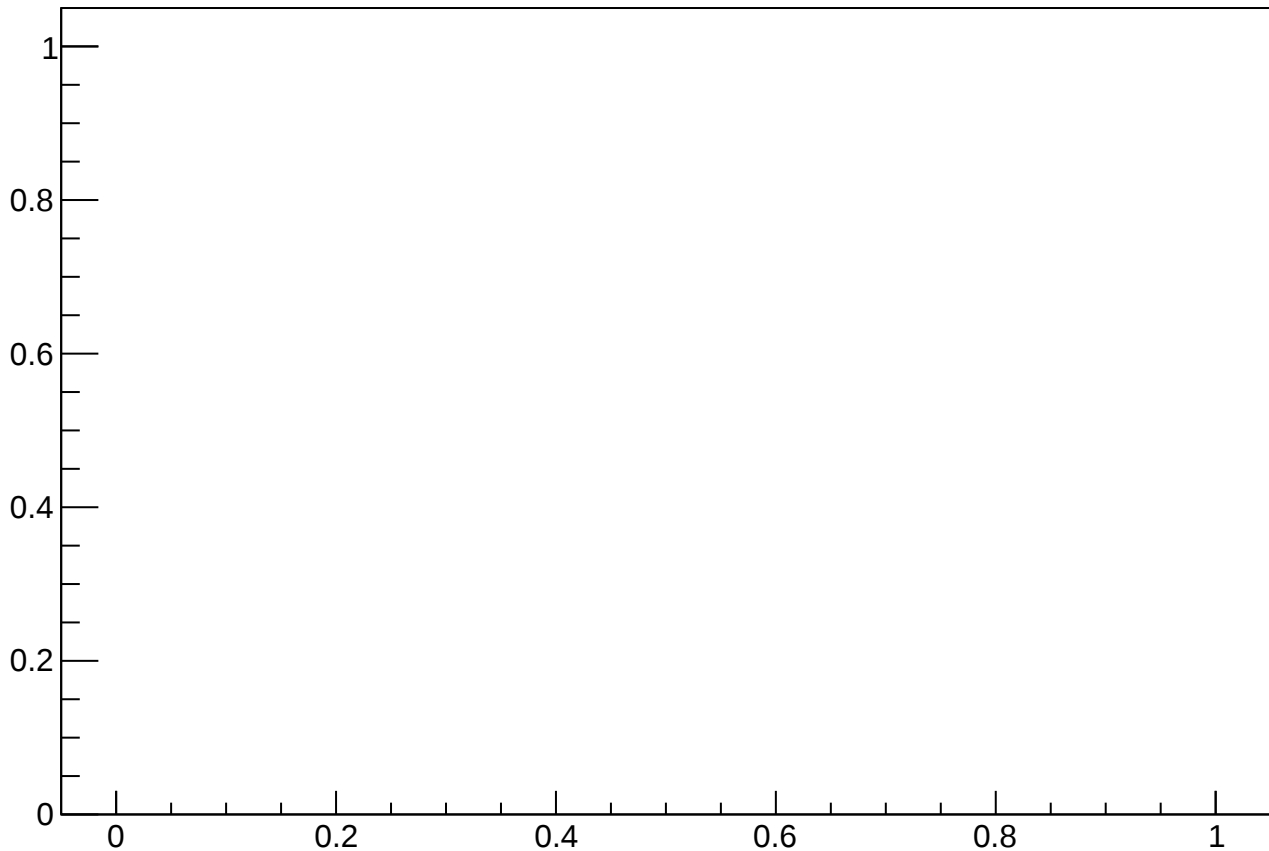
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

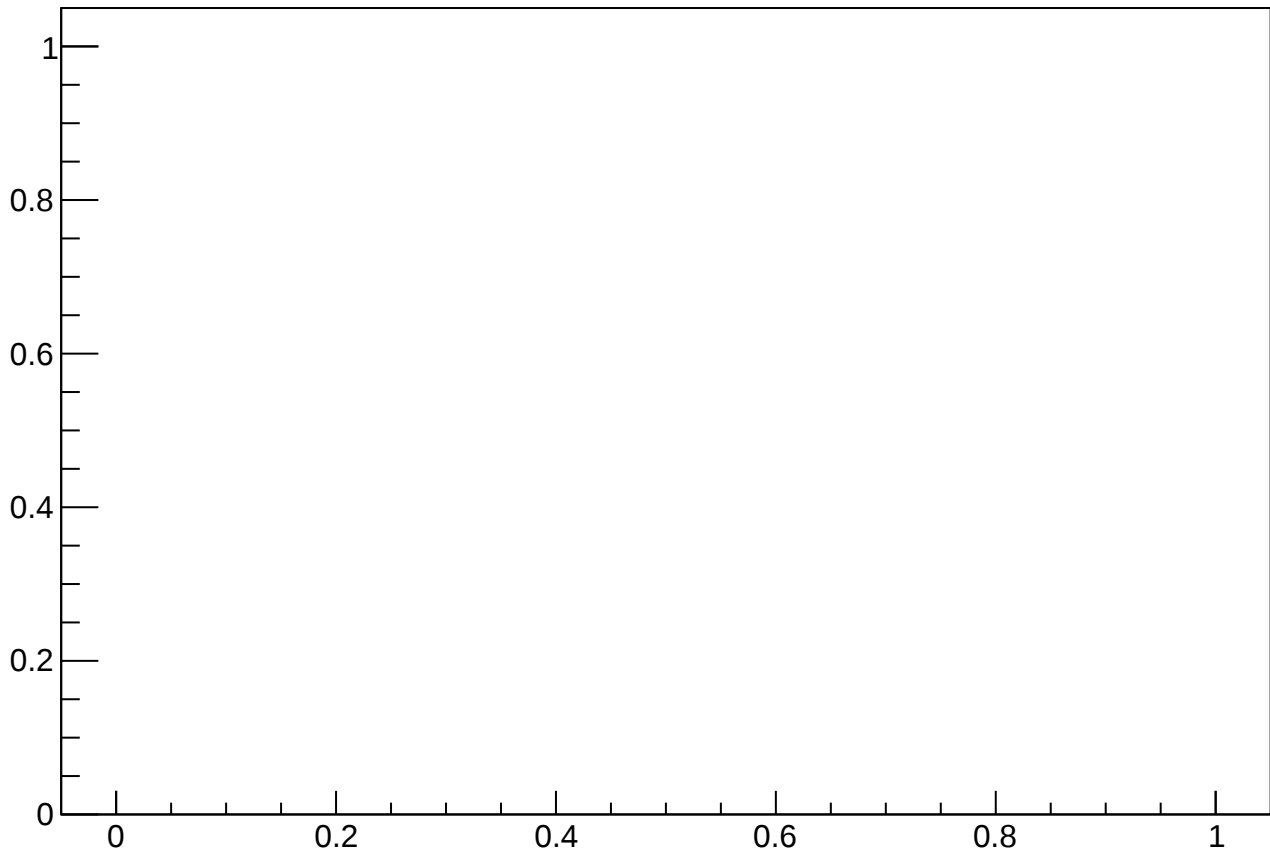
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

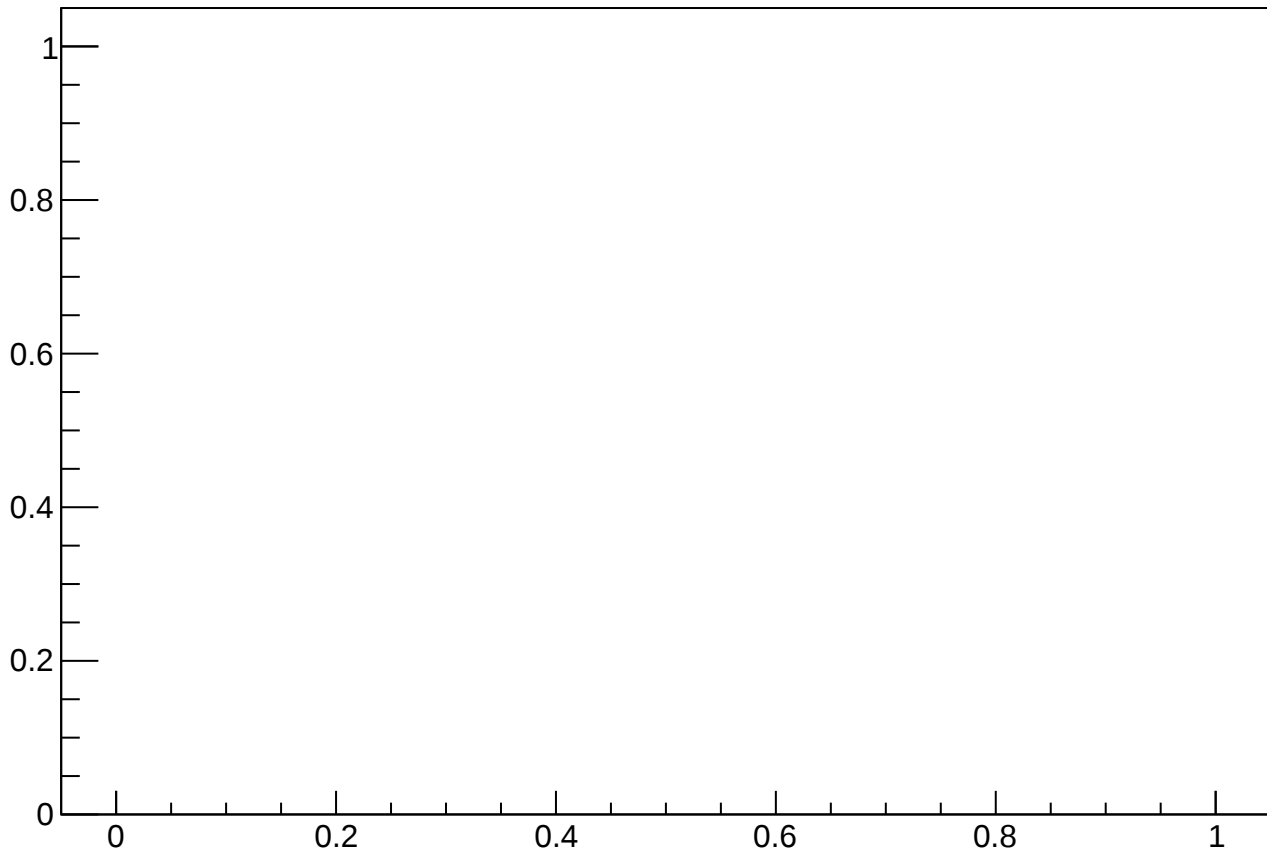
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

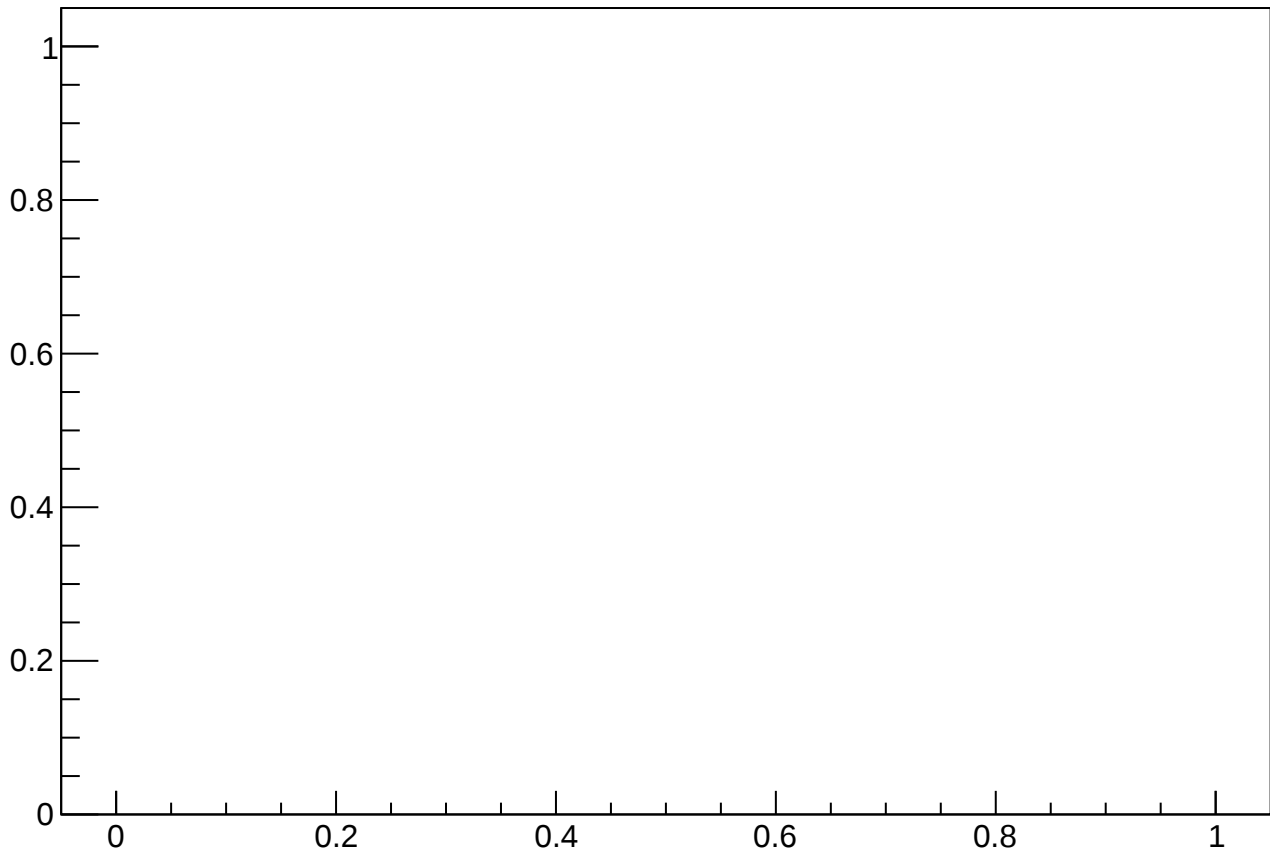
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

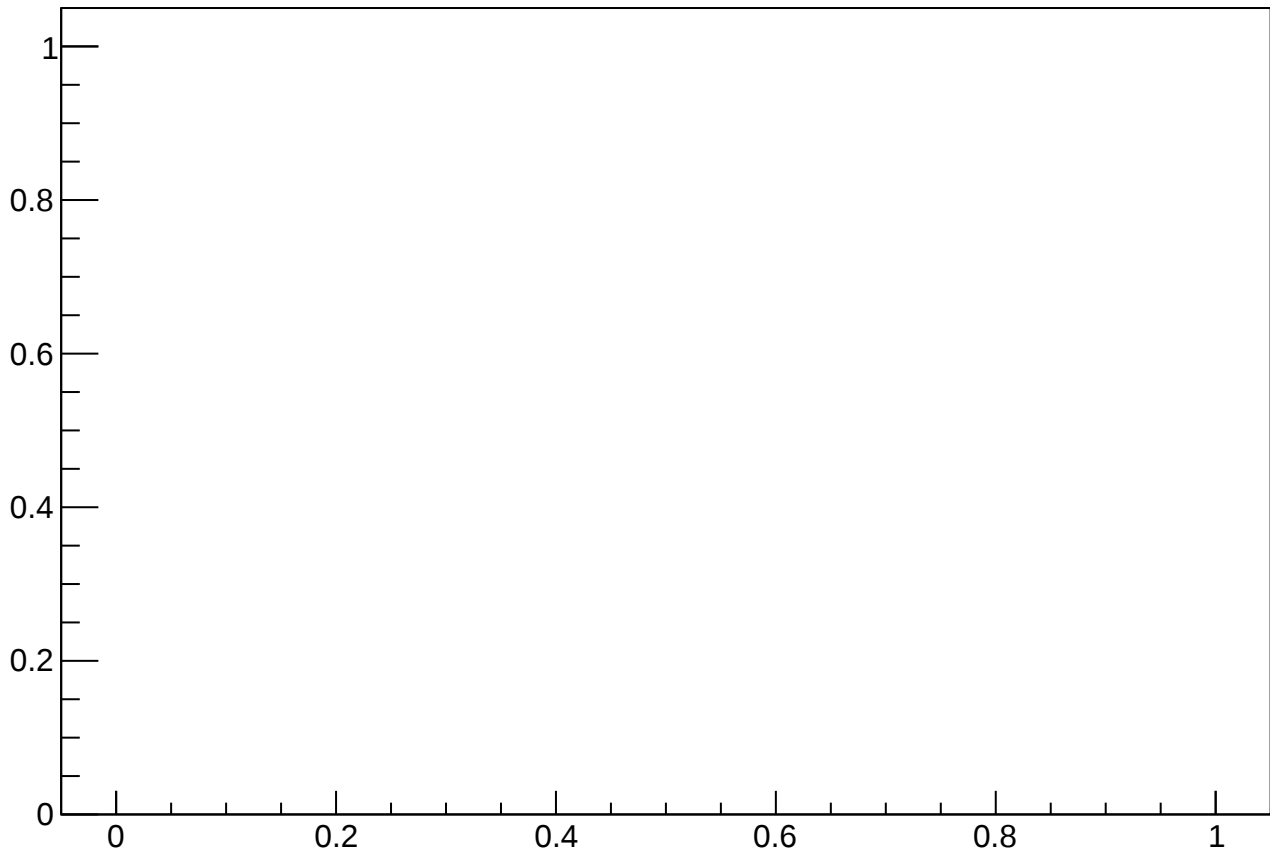
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

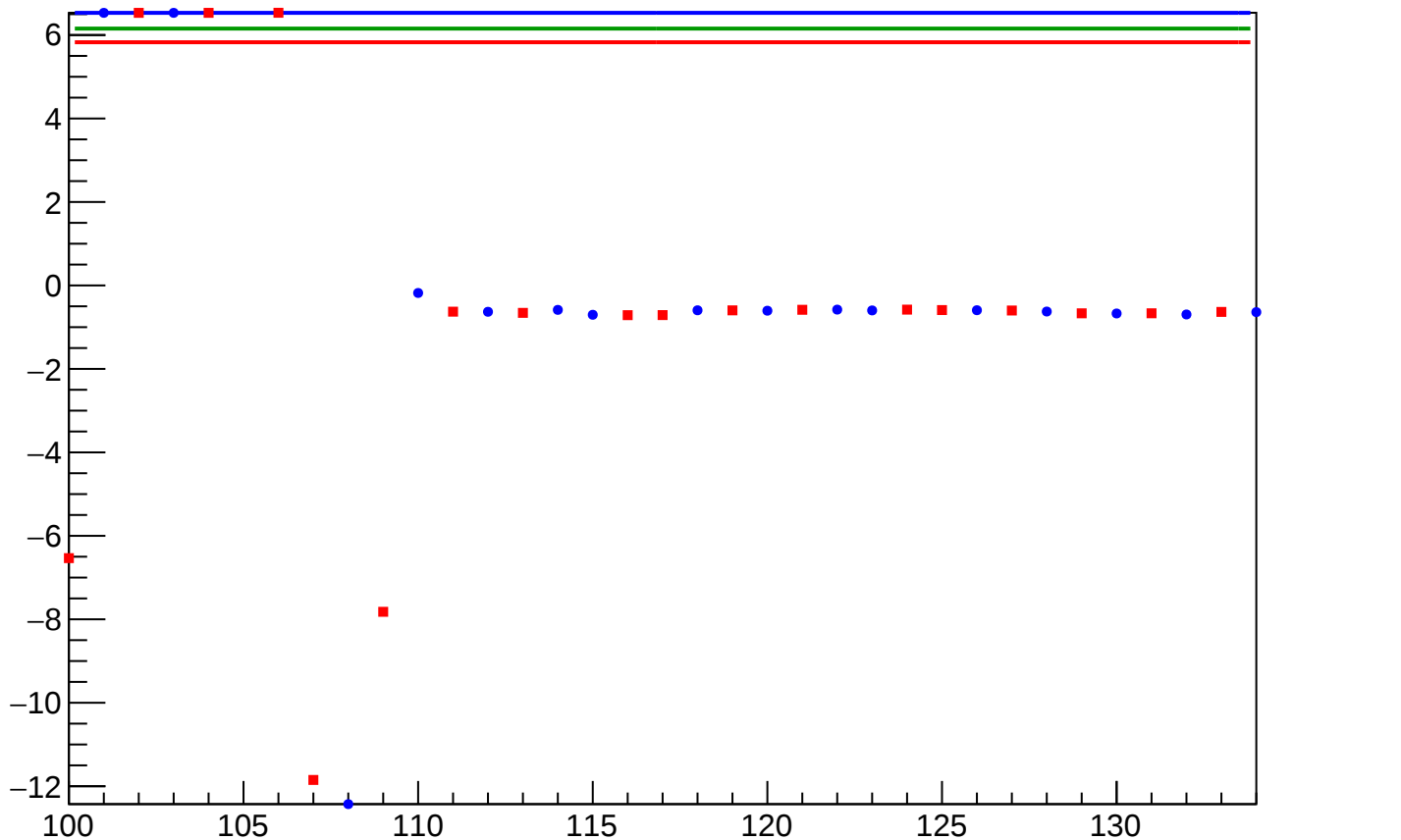
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 101624167035.8/15

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

Right Out: 5.827+/-0.000 χ^2/NDF : 755947722808395.2/17

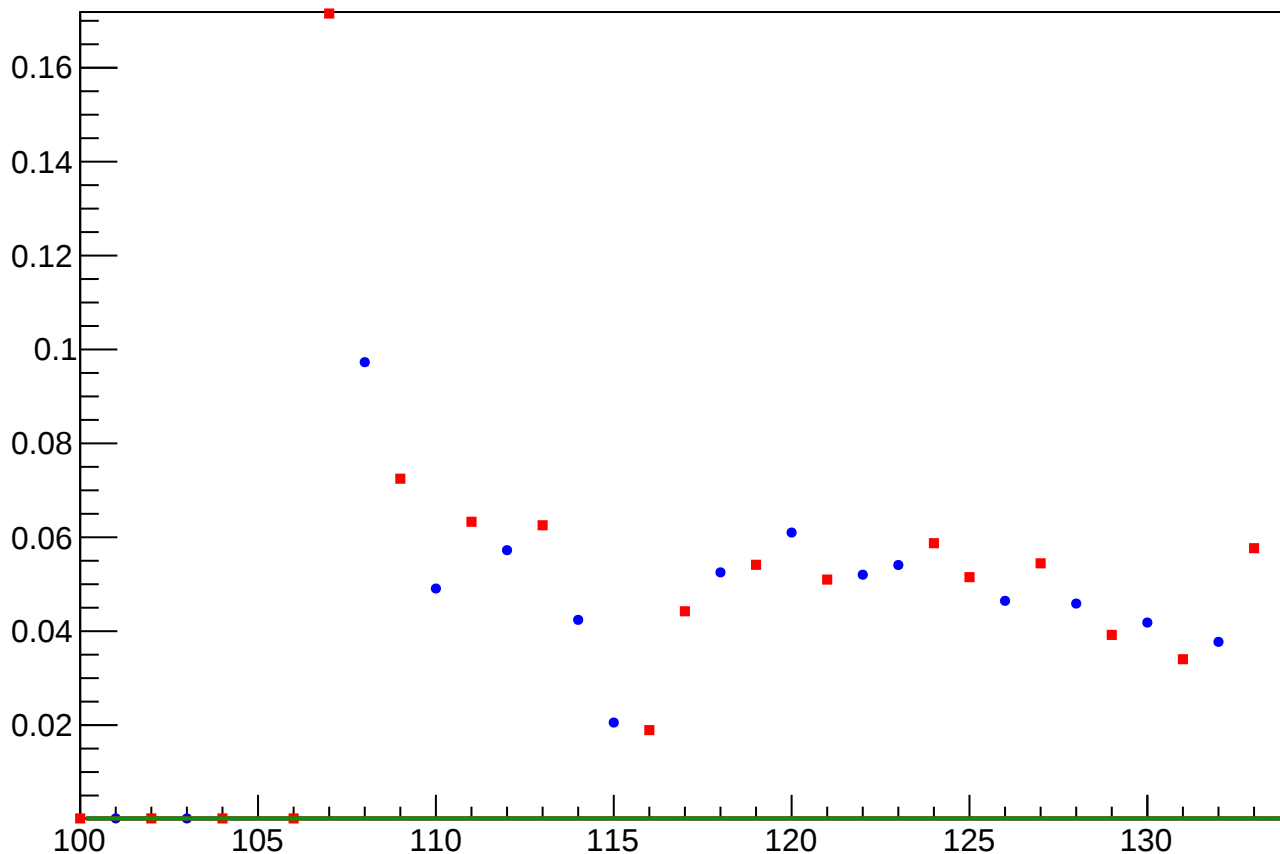
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 101624167035.8/15

6.155+/-0.000 χ^2/NDF : 77605448830170

5.827+/-0.000 χ^2/NDF : 755947722808395.2/17

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7684330.2/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8416714.9/17

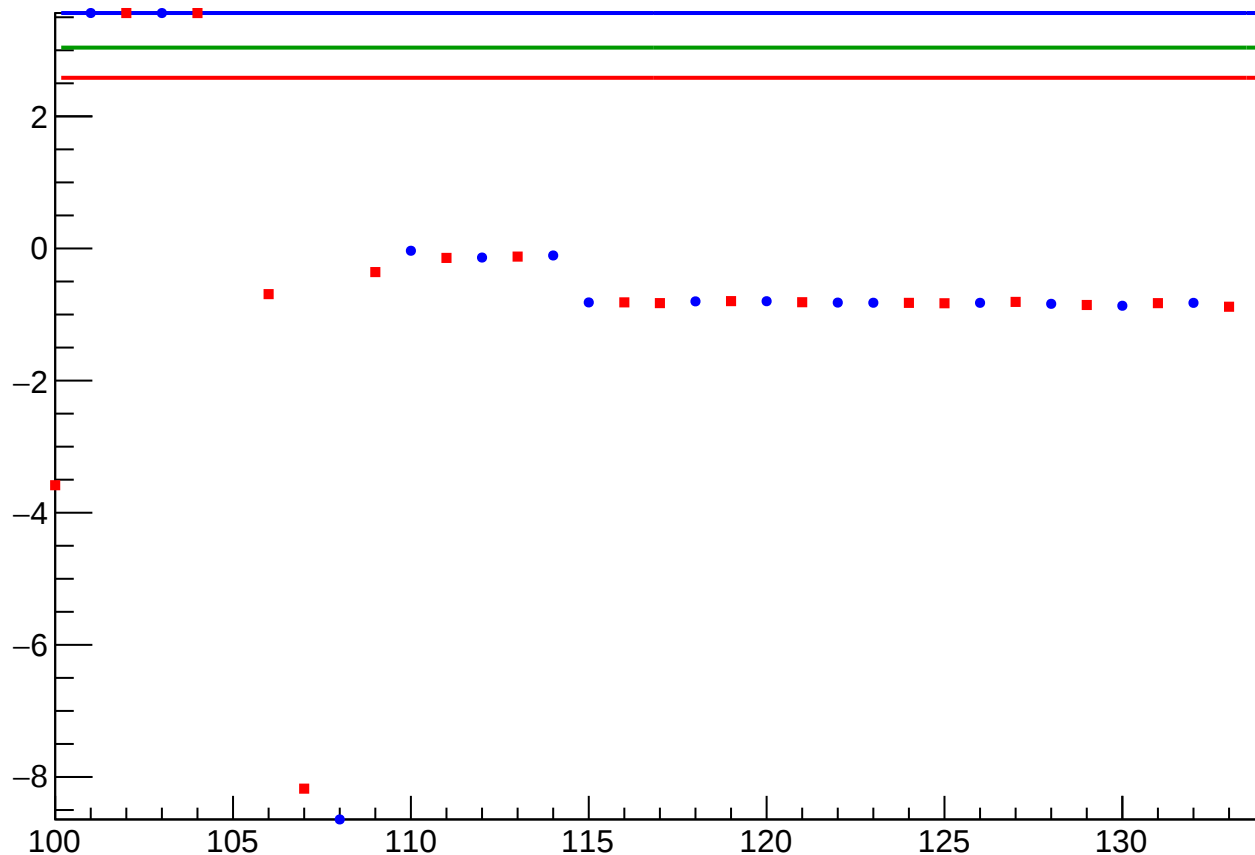
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7684330.2/15

0.000+/-0.000 χ^2/NDF : 16101269.5/33

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 : 342212596350.9/15

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

Right Out: 2.583+/-0.000 χ^2/NDF : 1253434835518325.5/17

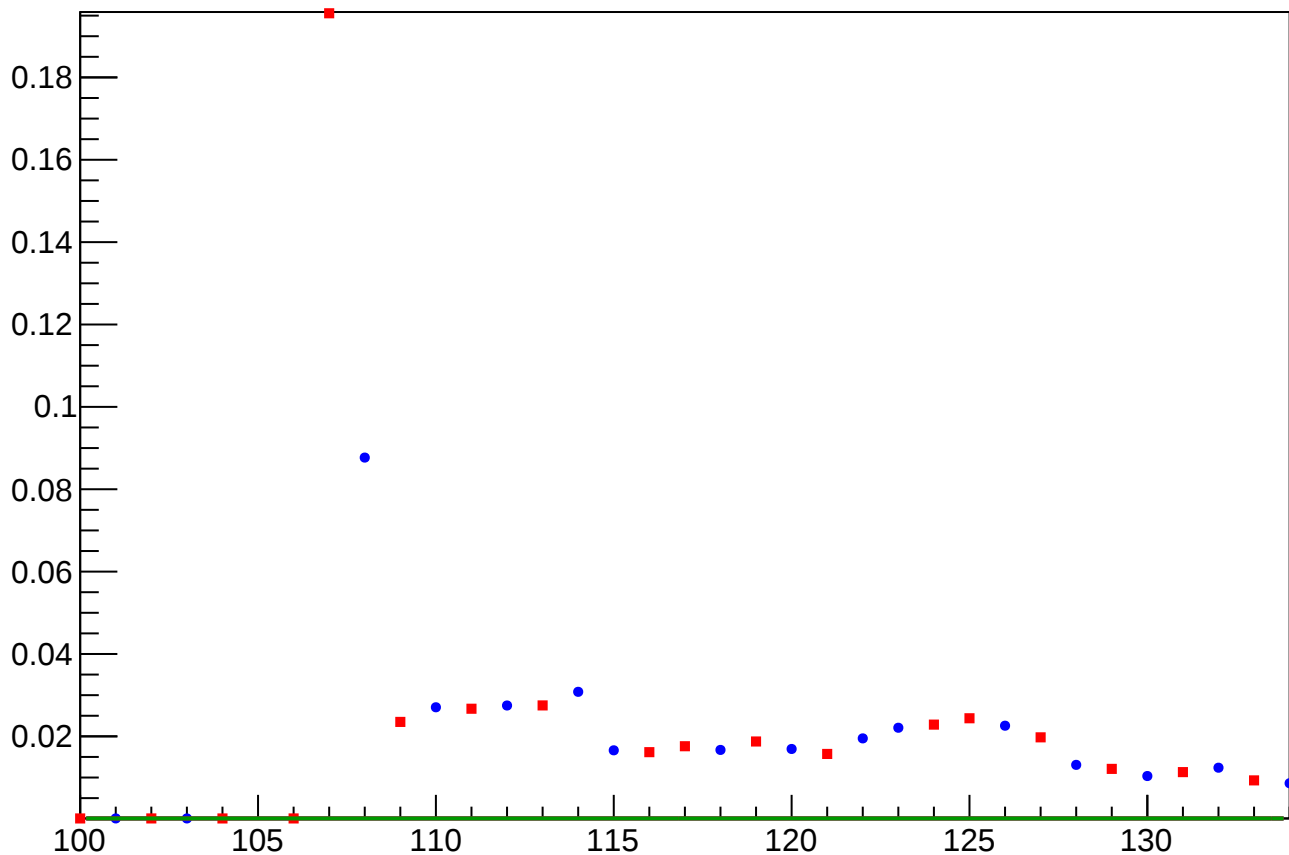
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

3.563+/-0.000 χ^2/NDF : 342212596350.9/15

3.040+/-0.000 χ^2/NDF : 13820600140415

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 : 8364000.5/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8865650.1/17

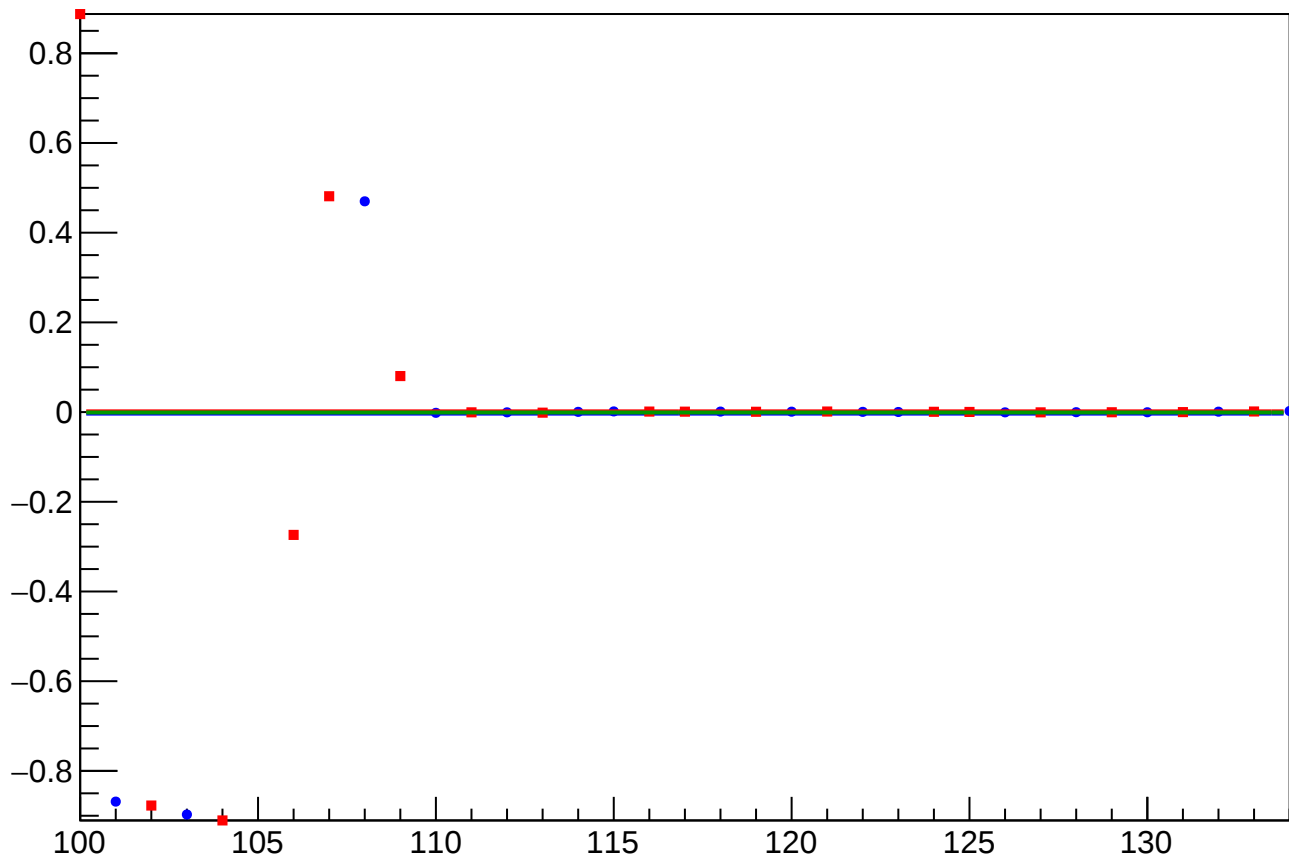
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8364000.5/15

0.000+/-0.000 χ^2/NDF : 17229876.5/33

0.000+/-0.000 χ^2/NDF : 8865650.1/17

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.000 χ^2/NDF : 9789537655.9/15

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3040516222.2/17

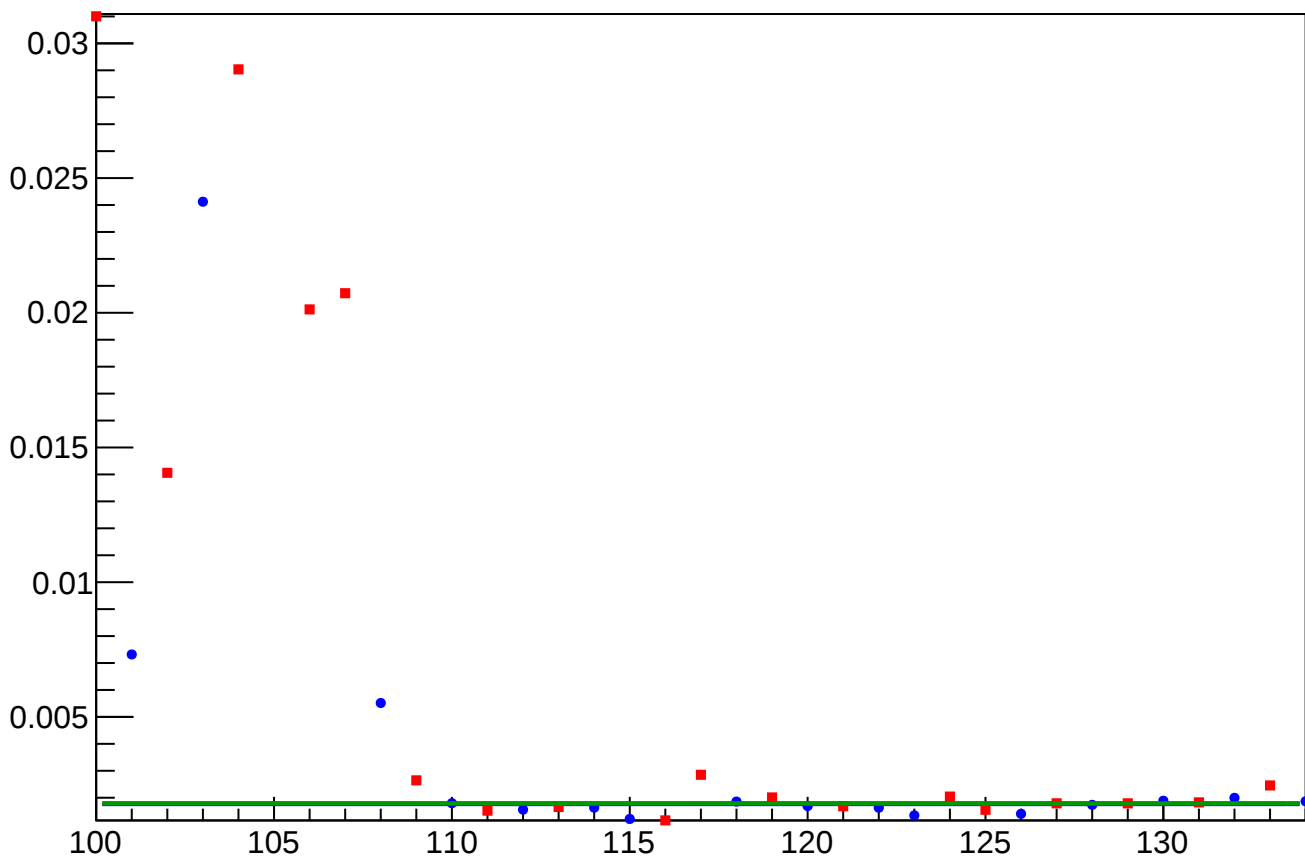
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.000 χ^2/NDF : 9789537655.9/15

-0.001+/-0.000 χ^2/NDF : 12845632322.2/17

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 : 1765289.1/15

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2920522.0/17

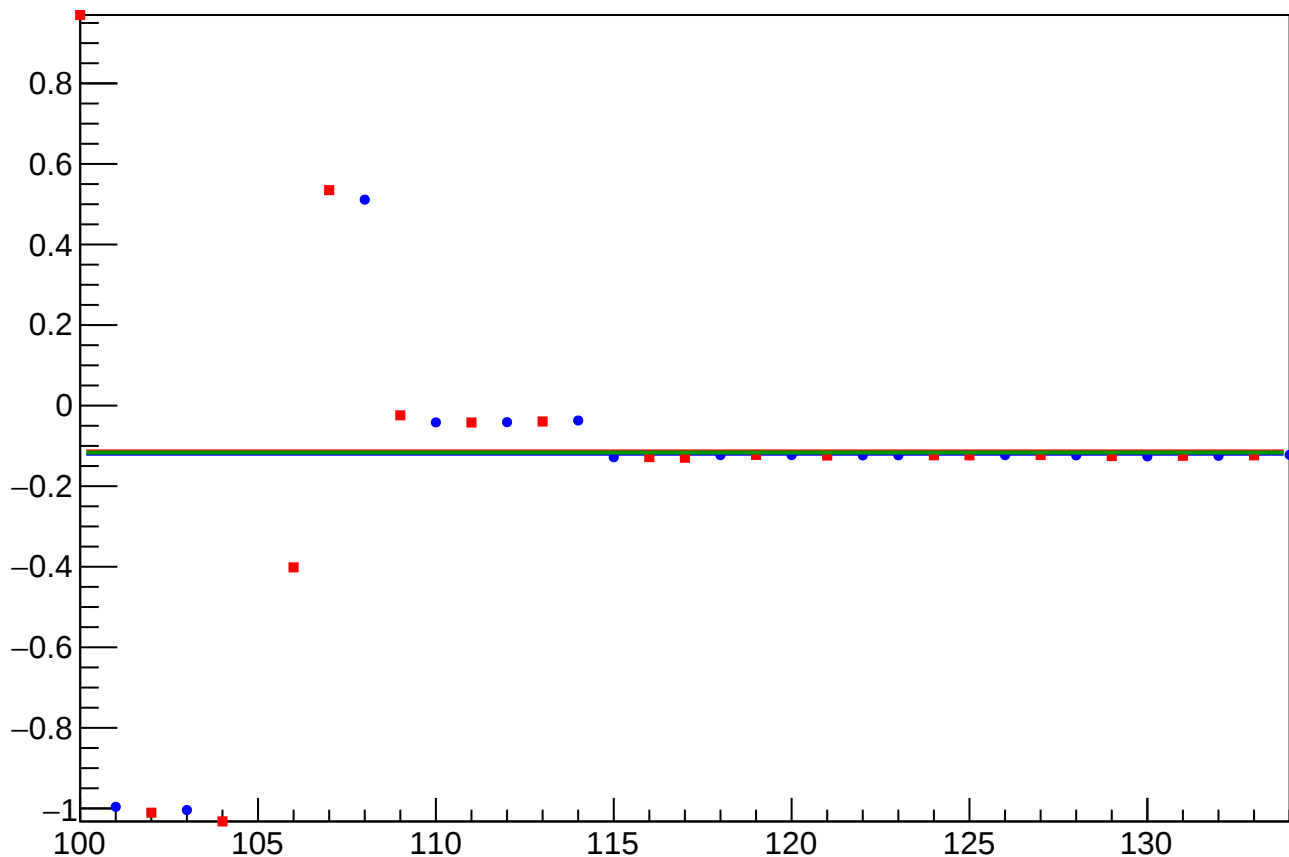
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1765289.1/15

0.002+/-0.000 χ^2/NDF : 4687594.1/33

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 : 3926952402.7/15

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

Right Out: -0.114+/-0.000 χ^2/NDF : 2431697299.8/17

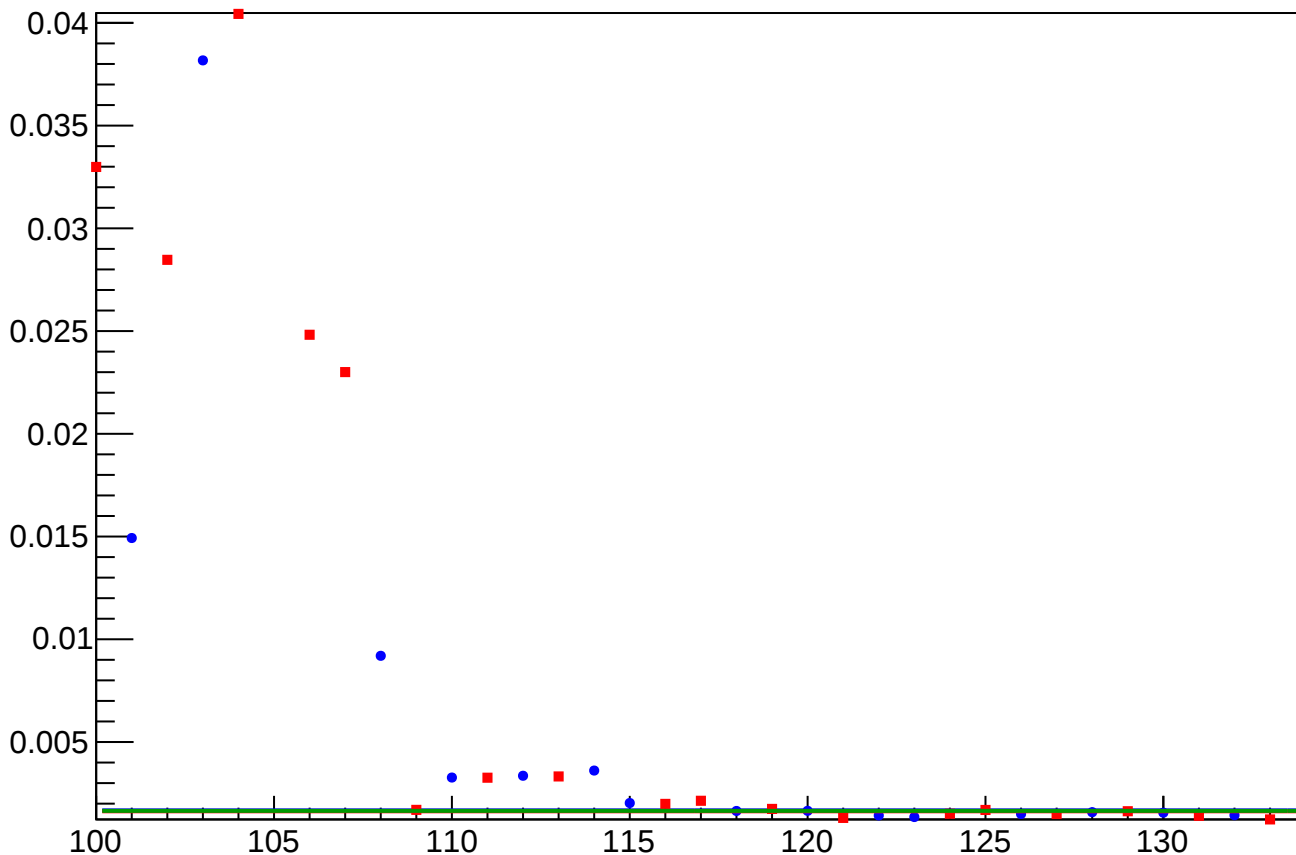
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 3926952402.7/15

-0.116+/-0.000 χ^2/NDF : 6382417674.5/3

-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 : 2744889.7/15

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3431643.3/17

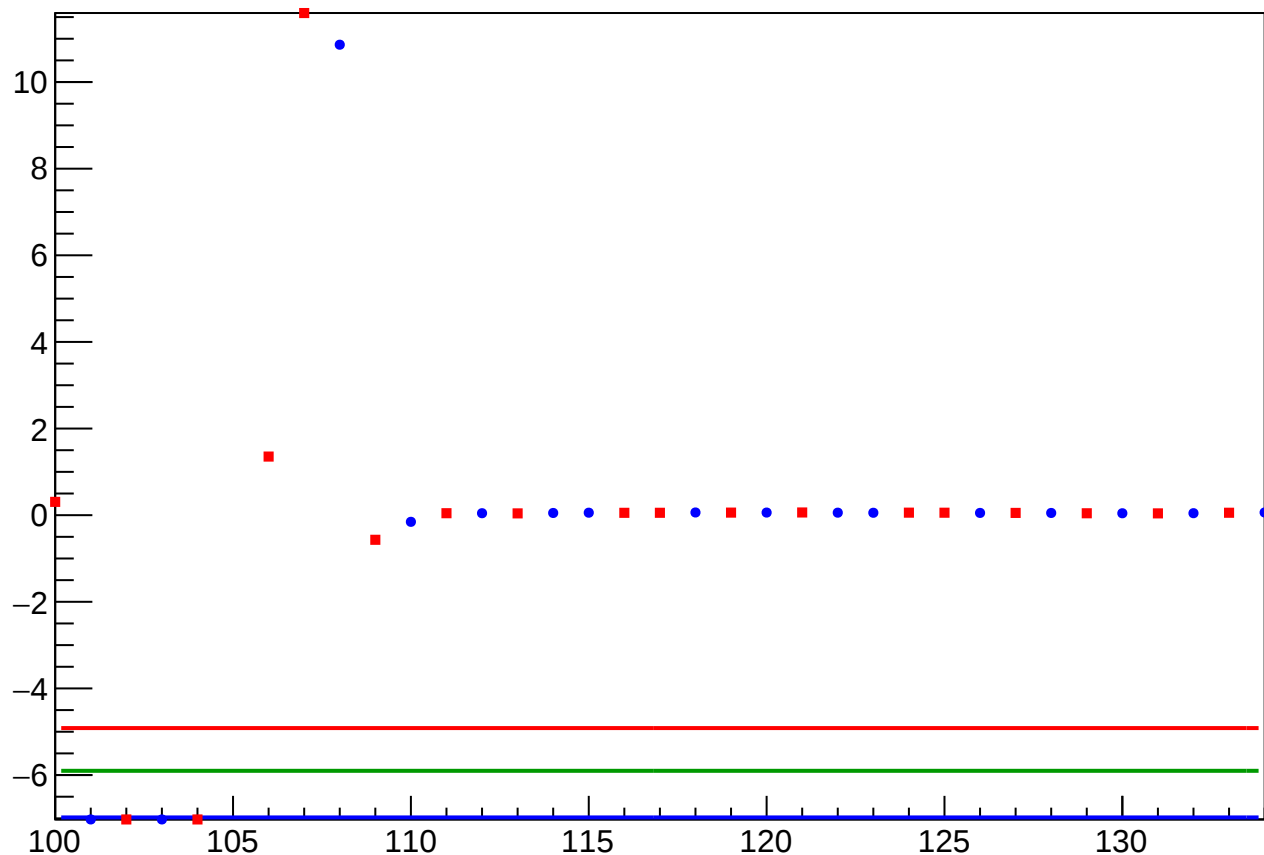
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2744889.7/15

0.002+/-0.000 χ^2/NDF : 6179562.8/33

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 : 8132697732304.5/15

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

Right Out: -4.915+/-0.000 χ^2/NDF : 365126881249778.9/17

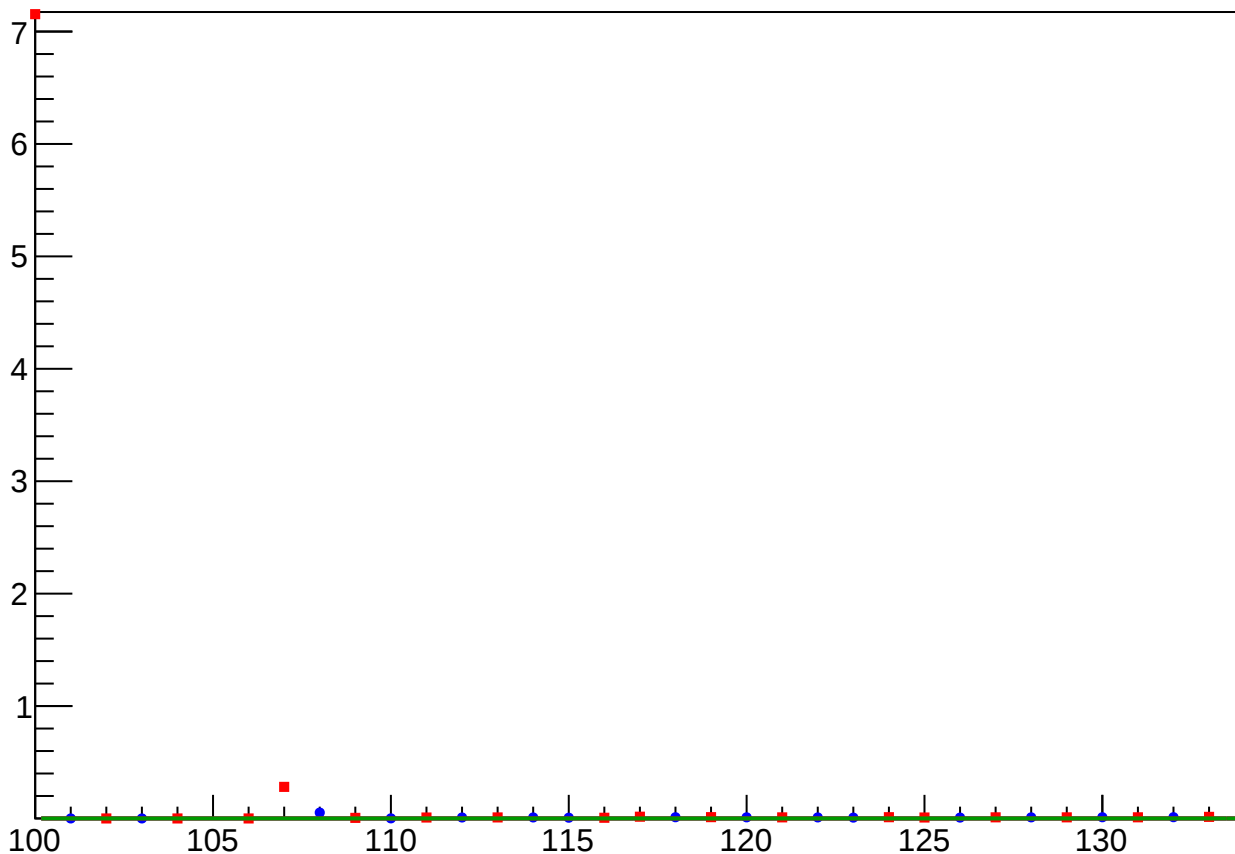
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.979+/-0.000 χ^2/NDF : 8132697732304.5/15

-5.902+/-0.000 χ^2/NDF : 42953335985109

-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 : 6958505.4/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7823000.2/17

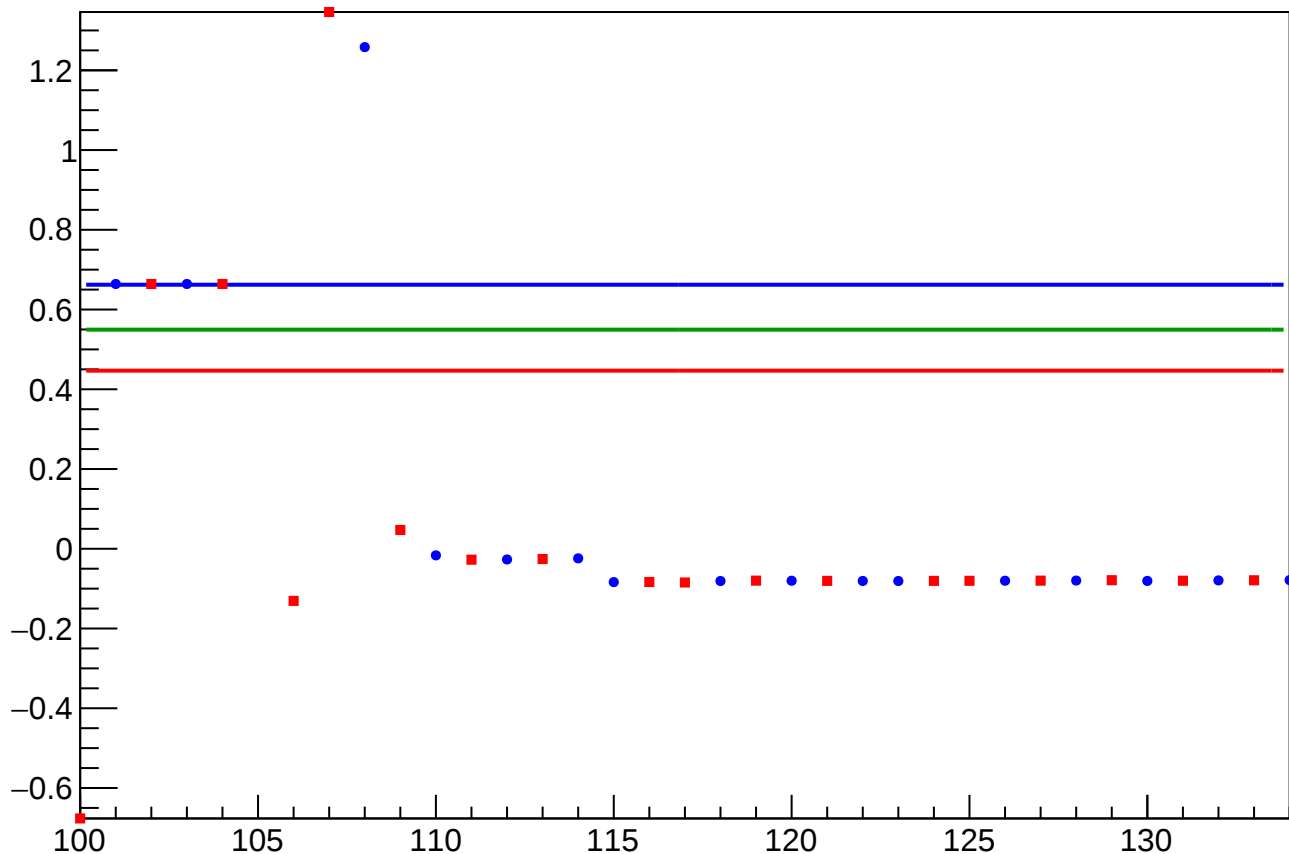
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6958505.4/15

0.000+/-0.000 χ^2/NDF : 14781634.0/33

0.000+/-0.000 χ^2/NDF : 7823000.2/17

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.662+/-0.000 χ^2/NDF : 3600941892569.6/15

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

Right Out: 0.447+/-0.000 χ^2/NDF : 404754699572133.5/17

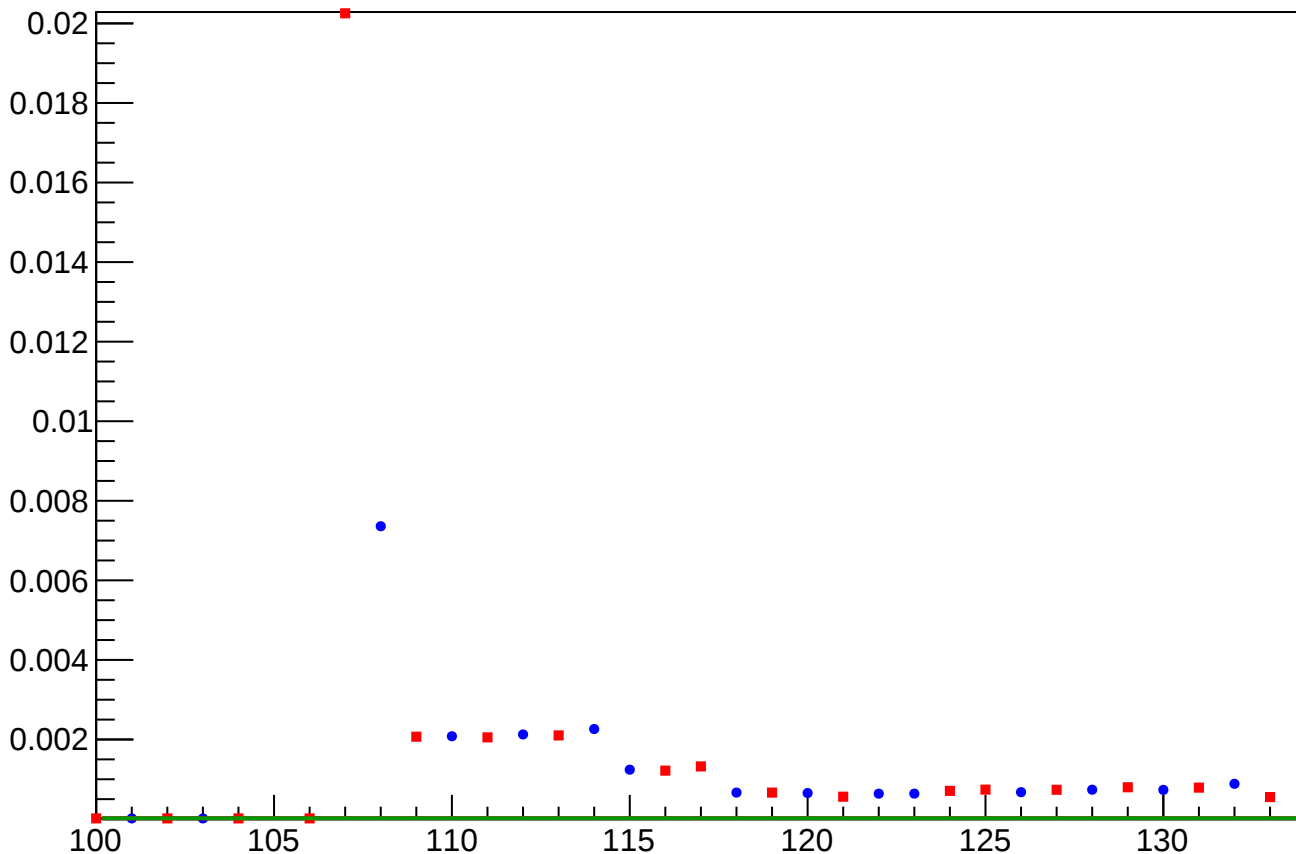
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.662+/-0.000 χ^2/NDF : 3600941892569.6/15

0.550+/-0.000 χ^2/NDF : 47155811002389

0.447+/-0.000 χ^2/NDF : 404754699572133.5/17

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8410192.8/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8415342.2/17

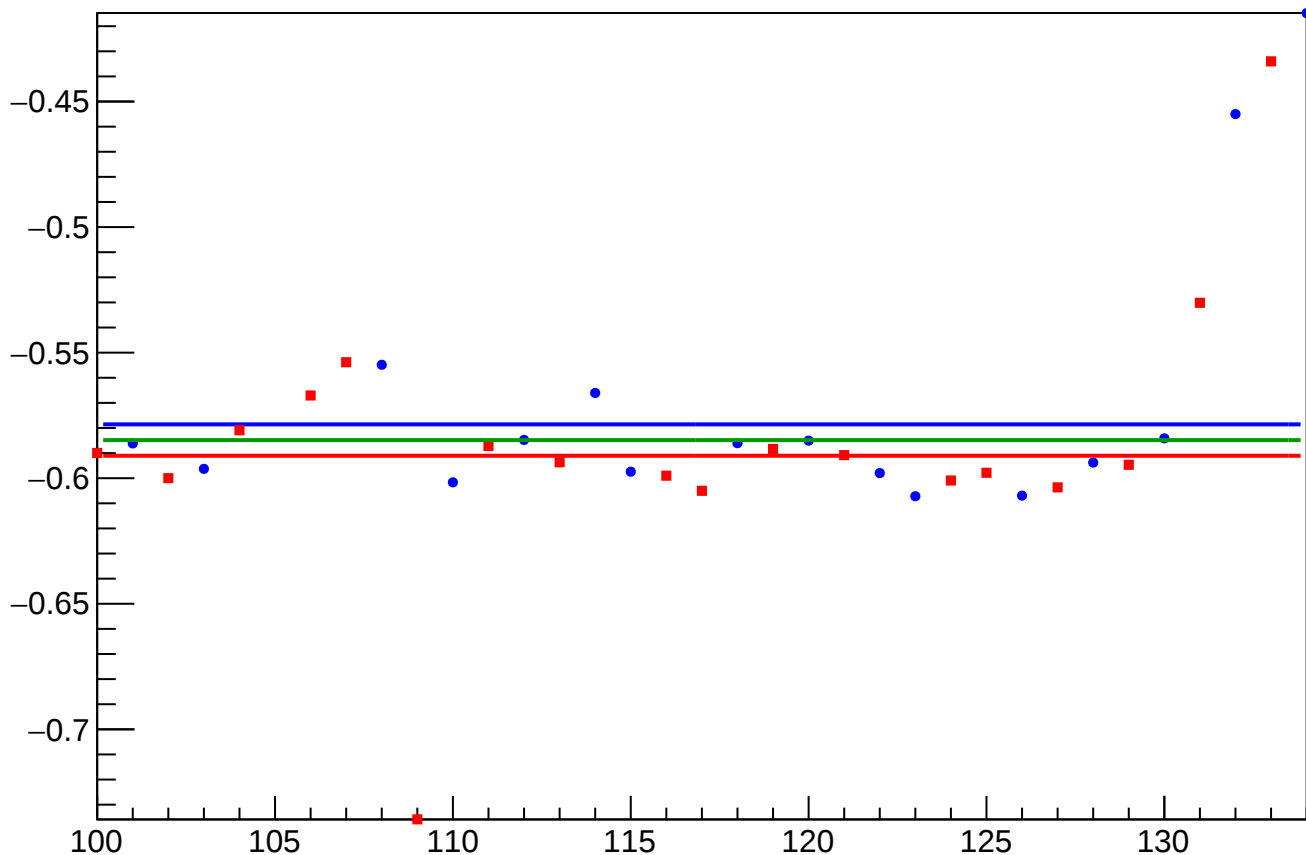
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8410192.8/15

0.000+/-0.000 χ^2/NDF : 16825617.1/33

0.000+/-0.000 χ^2/NDF : 8415342.2/17

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.579+/-0.000 χ^2/NDF : 14703225.9/15

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

Right Out: -0.591+/-0.000 χ^2/NDF : 21329664.1/17

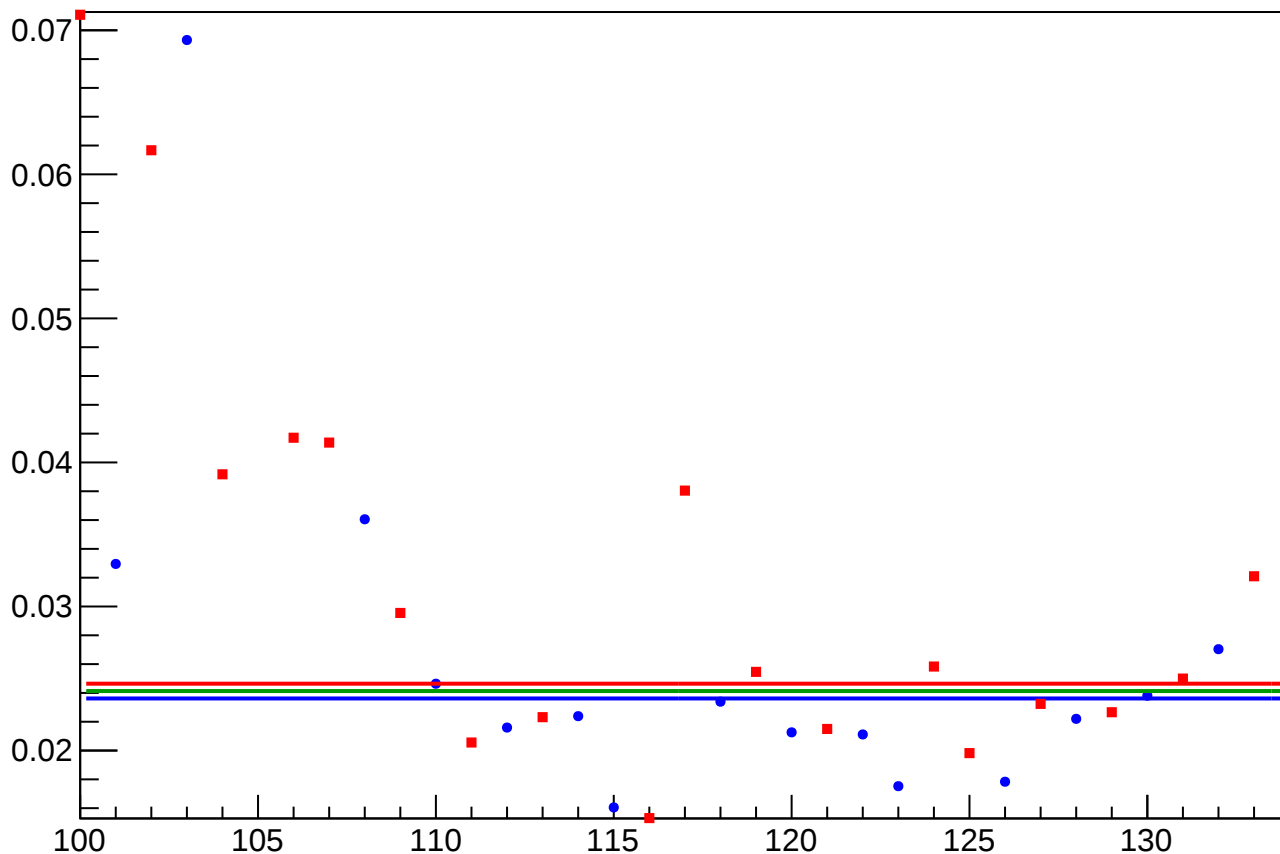
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.579+/-0.000 χ^2/NDF : 14703225.9/15

-0.585+/-0.000 χ^2/NDF : 36659540.0/33

-0.591+/-0.000 χ^2/NDF : 21329664.1/17

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 788545.0/15

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

Right Out: 0.025+/-0.000 χ^2/NDF : 993567.3/17

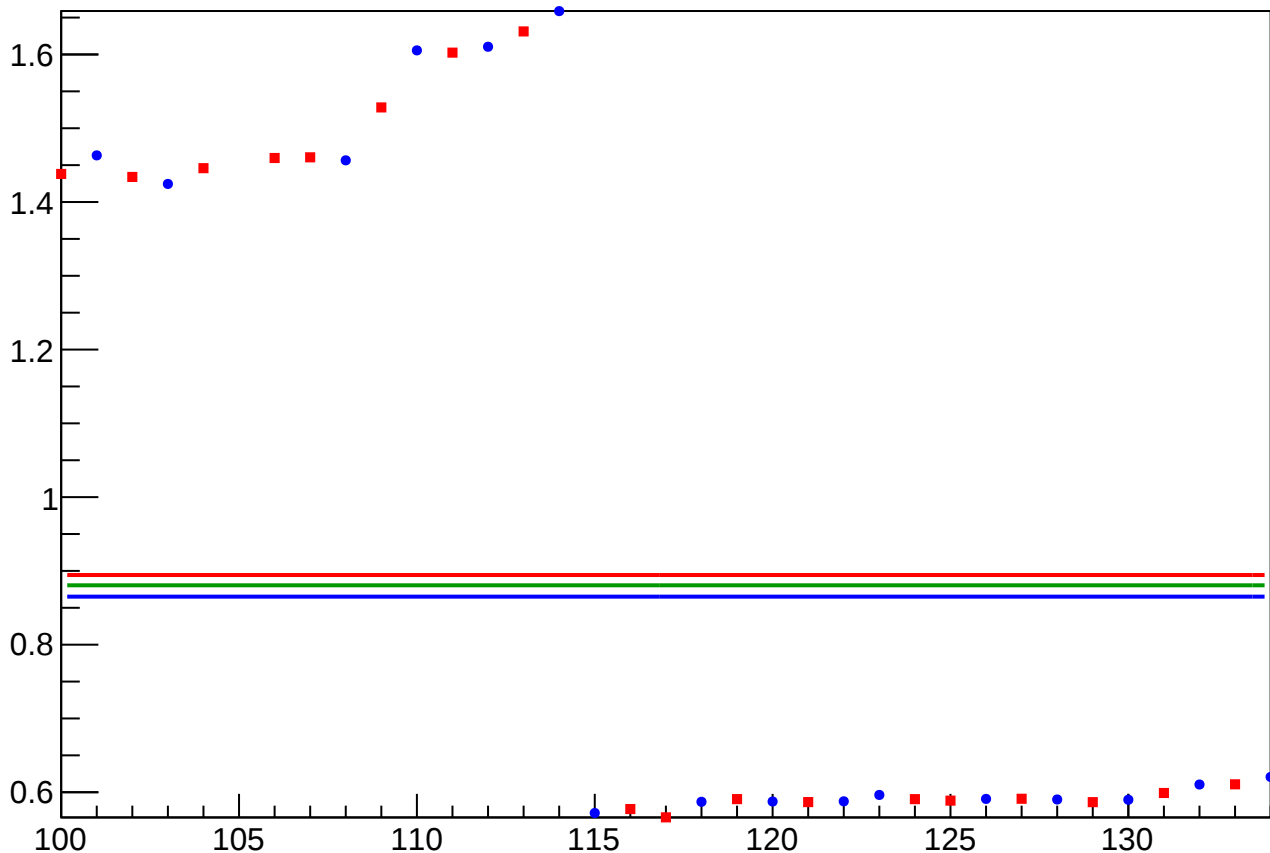
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 788545.0/15

0.024+/-0.000 χ^2/NDF : 1790573.5/33

0.025+/-0.000 χ^2/NDF : 993567.3/17

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.865+/-0.000 χ^2/NDF : 3209068185.9/15

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

Right Out: 0.894+/-0.000 χ^2/NDF : 3798259110.3/17

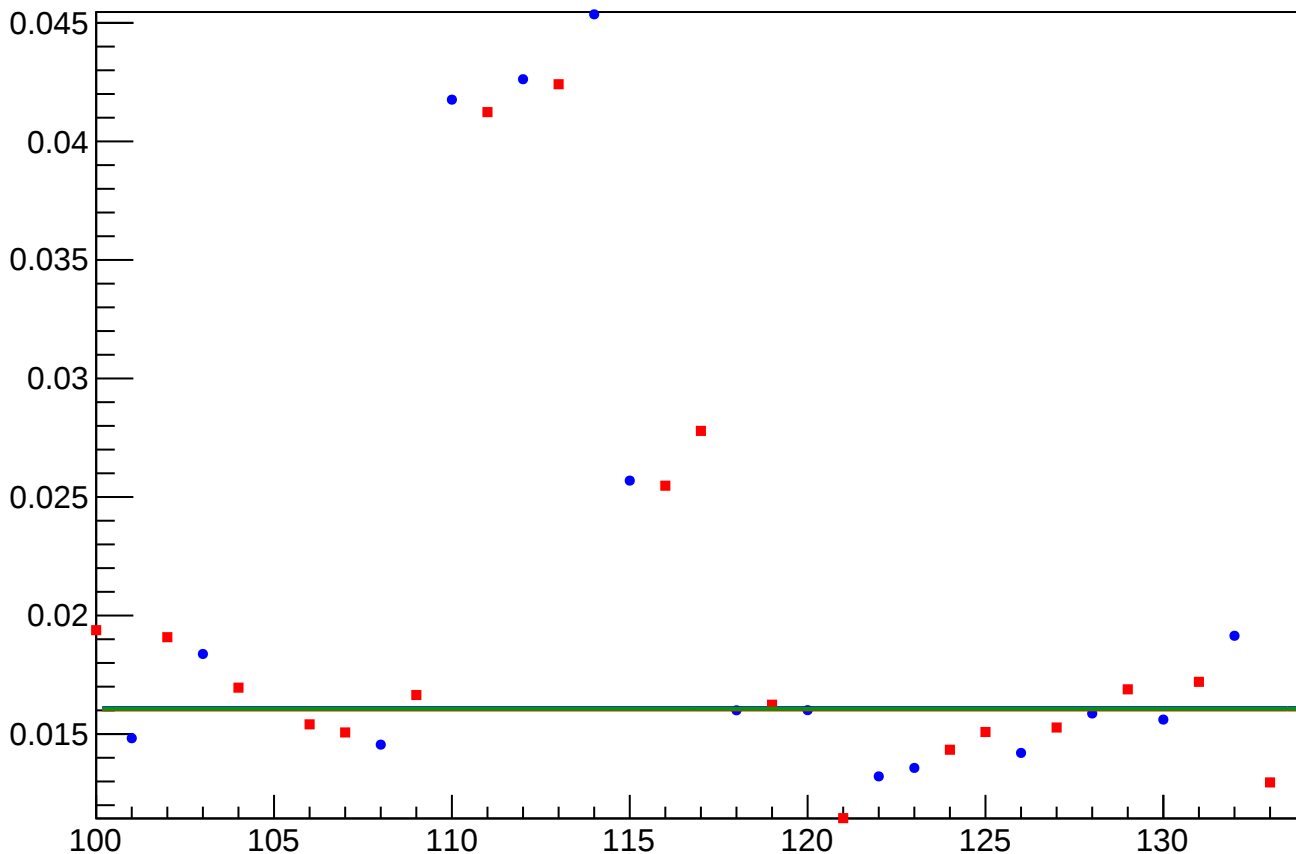
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.865+/-0.000 χ^2/NDF : 3209068185.9/15

0.880+/-0.000 χ^2/NDF : 7016173392.3/33

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 : 847168.3/15

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

Right Out: 0.016+/-0.000 χ^2/NDF : 934422.6/17

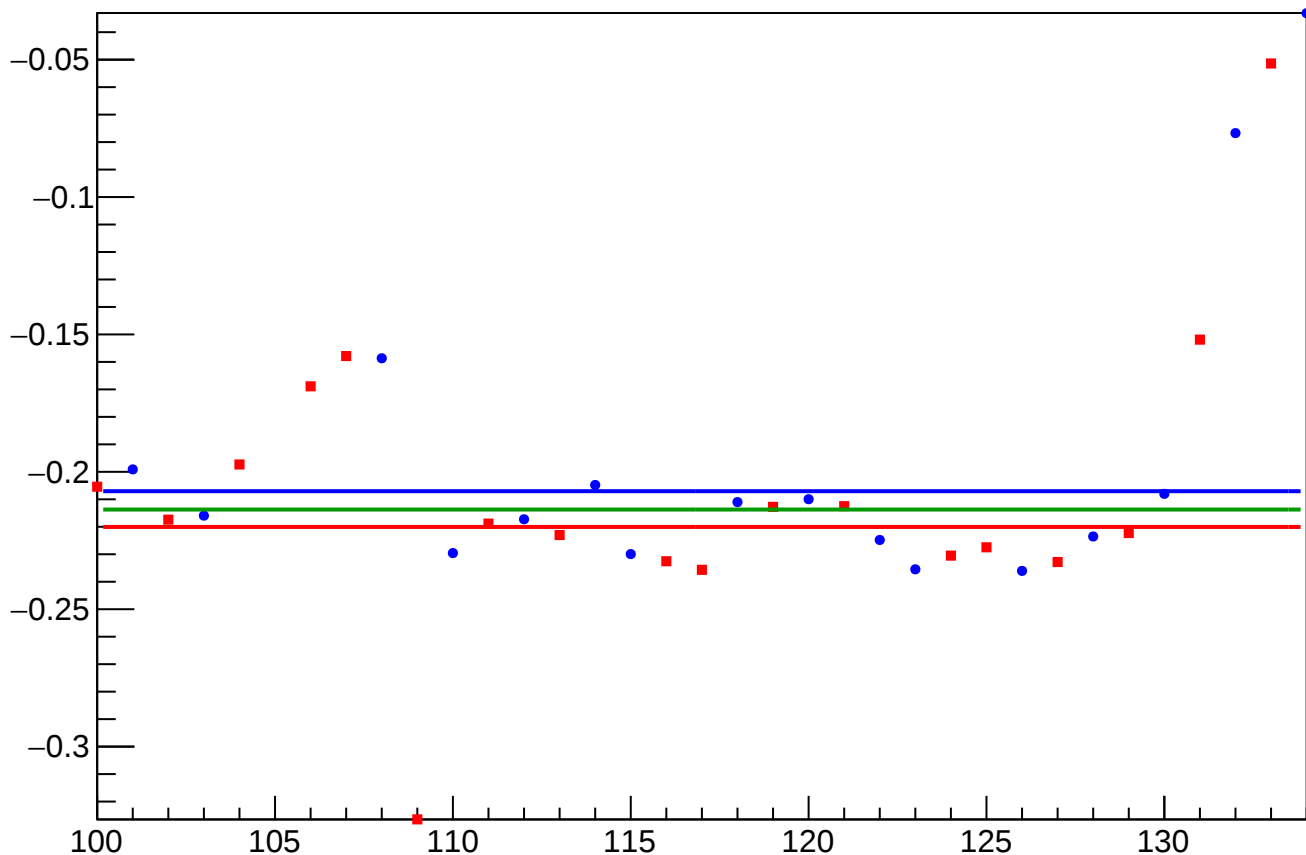
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 847168.3/15

0.016+/-0.000 χ^2/NDF : 1781656.1/33

0.016+/-0.000 χ^2/NDF : 934422.6/17

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.207 ± 0.000 $\chi^2/\text{NDF}: 20676511.6/15$

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

Right Out: -0.220 ± 0.000 $\chi^2/\text{NDF}: 26410927.4/17$

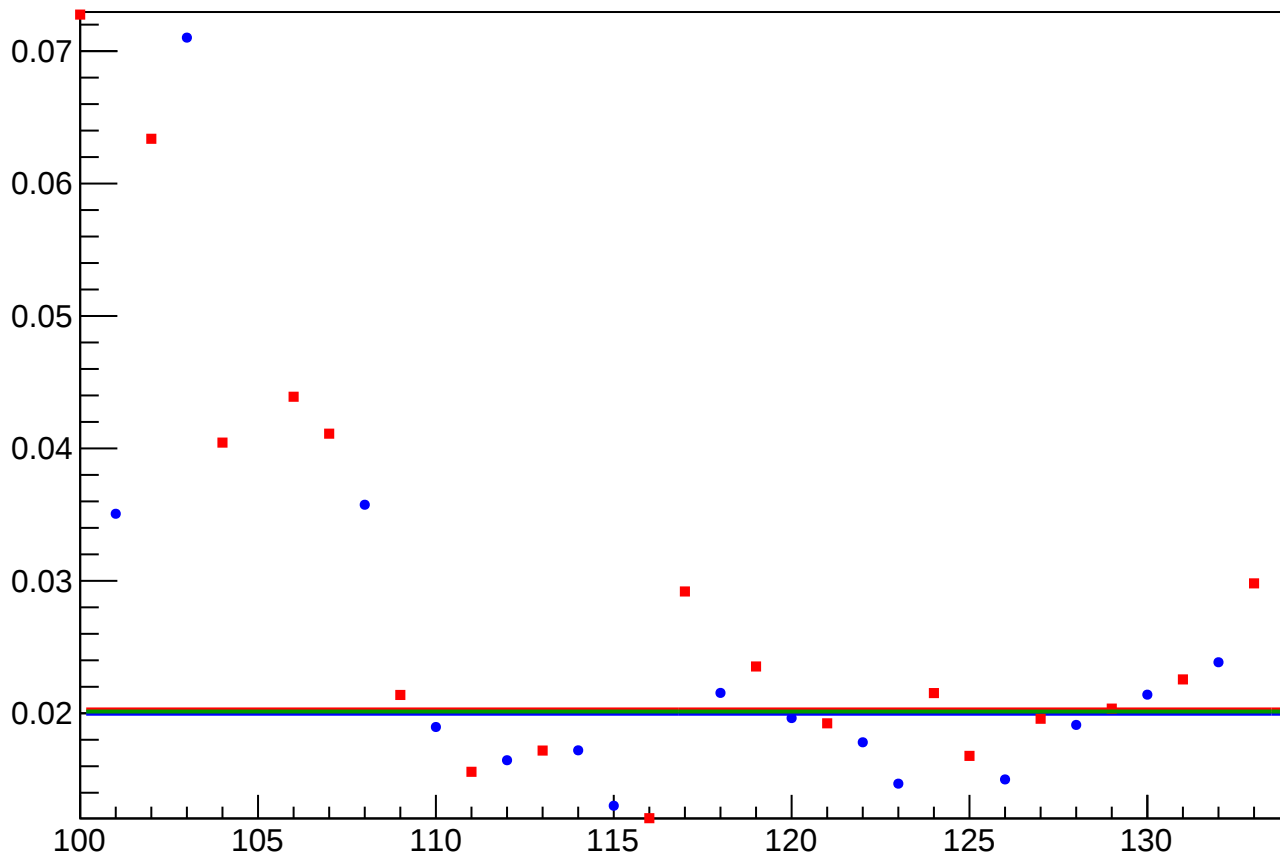
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.207 ± 0.000 $\chi^2/\text{NDF}: 20676511.6/15$

-0.214 ± 0.000 $\chi^2/\text{NDF}: 48030220.2/33$

-0.220 ± 0.000 $\chi^2/\text{NDF}: 26410927.4/17$

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1097912.1/15

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1399661.9/17

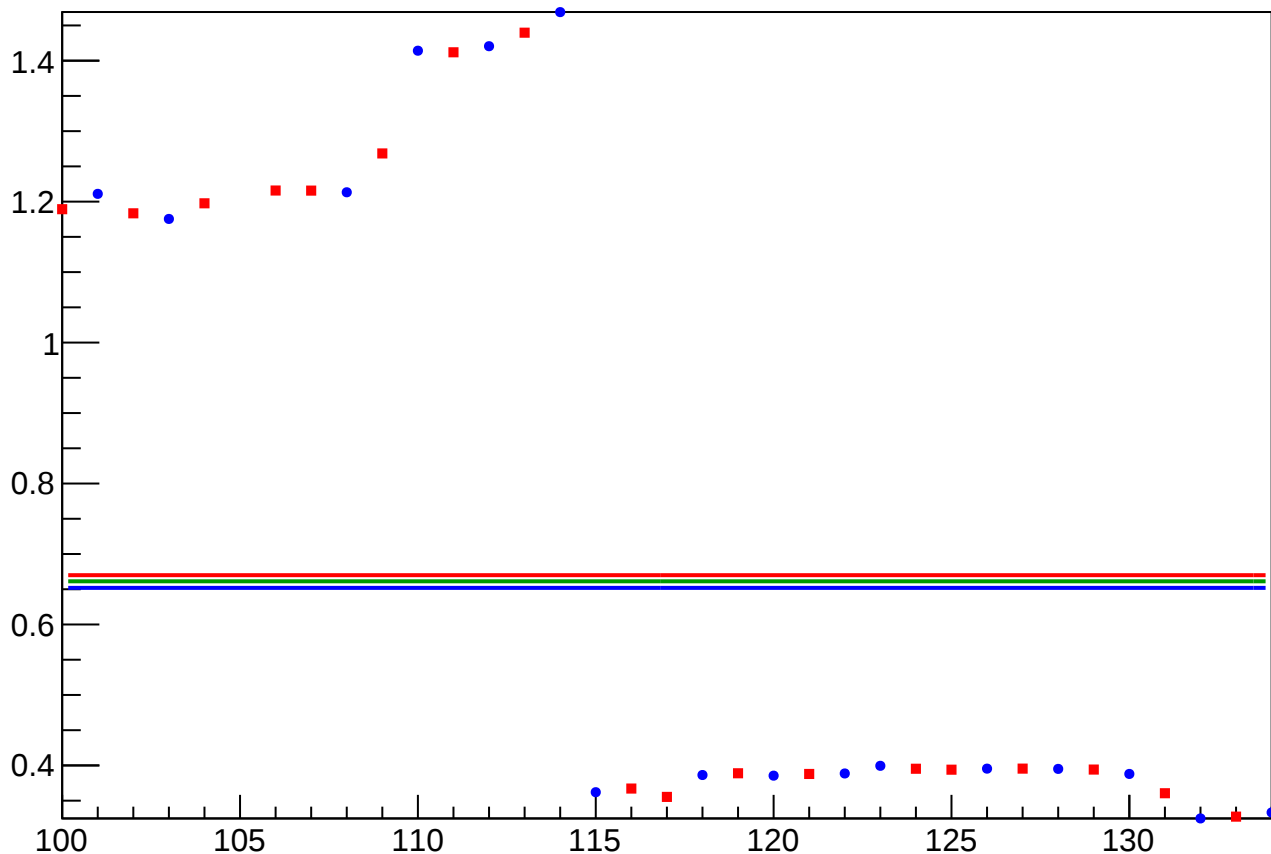
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1097912.1/15

0.020+/-0.000 χ^2/NDF : 2498733.0/33

0.020+/-0.000 χ^2/NDF : 1399661.9/17

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.652 +/- 0.000 χ^2/NDF : 4263347348.1/15

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

Right Out: 0.670 +/- 0.000 χ^2/NDF : 4880753438.3/17

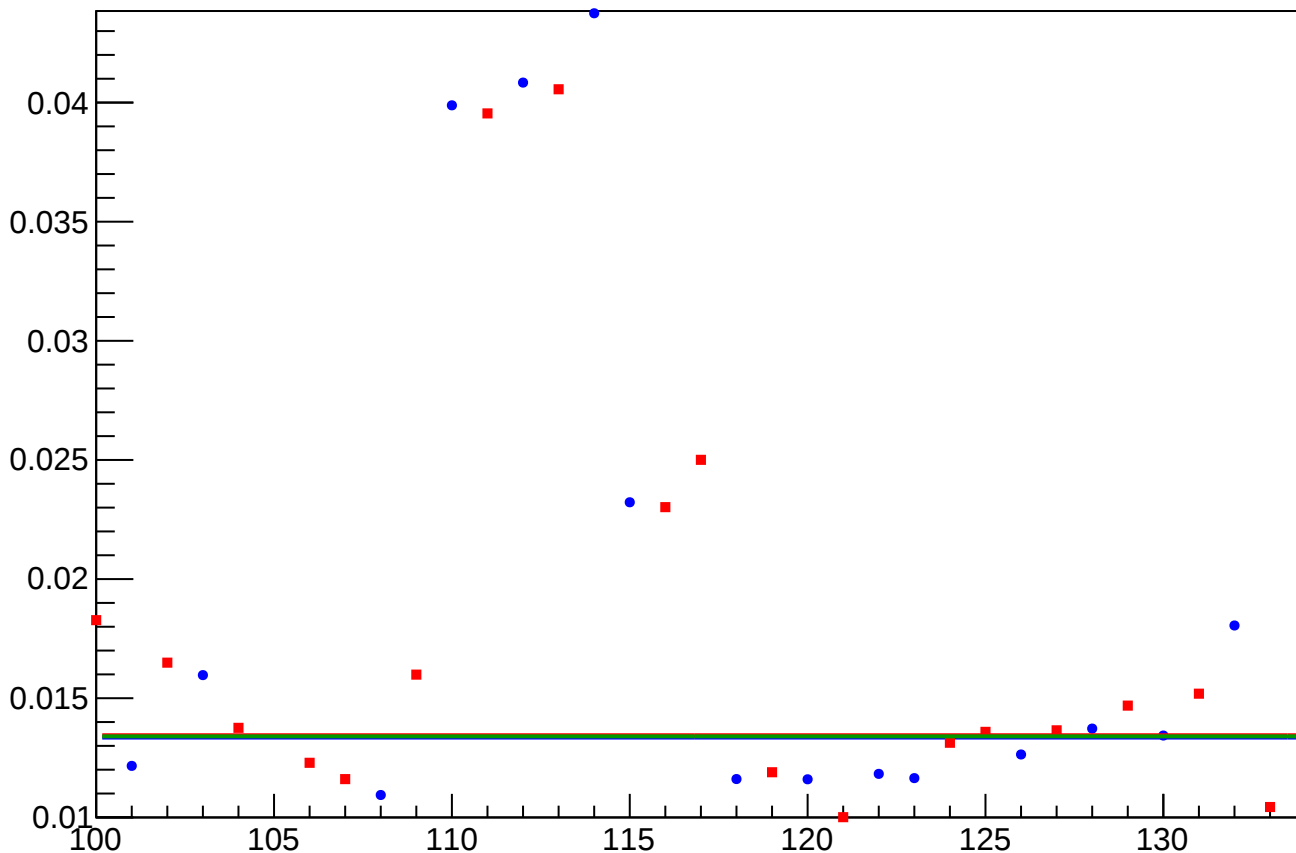
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.652 +/- 0.000 χ^2/NDF : 4263347348.1/15

0.661 +/- 0.000 χ^2/NDF : 9148763924.0/33

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 : 1012354.2/15

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

Right Out: 0.013+/-0.000 χ^2/NDF : 1102092.1/17

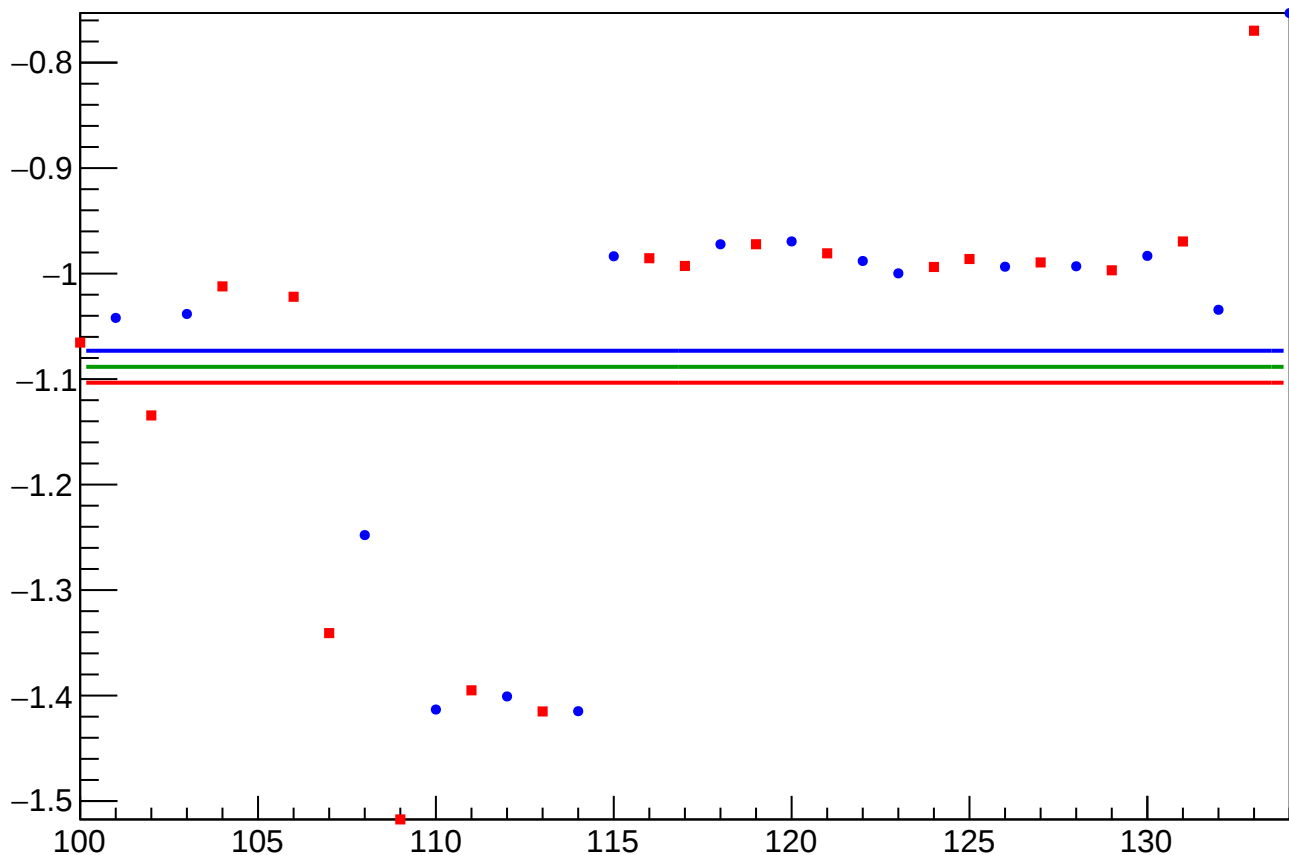
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1012354.2/15

0.013+/-0.000 χ^2/NDF : 2114715.8/33

0.013+/-0.000 χ^2/NDF : 1102092.1/17

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.073+/-0.000 χ^2 /NDF: 248628458.8/15

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

Right Out: -1.103+/-0.000 χ^2 /NDF: 365384315.8/17

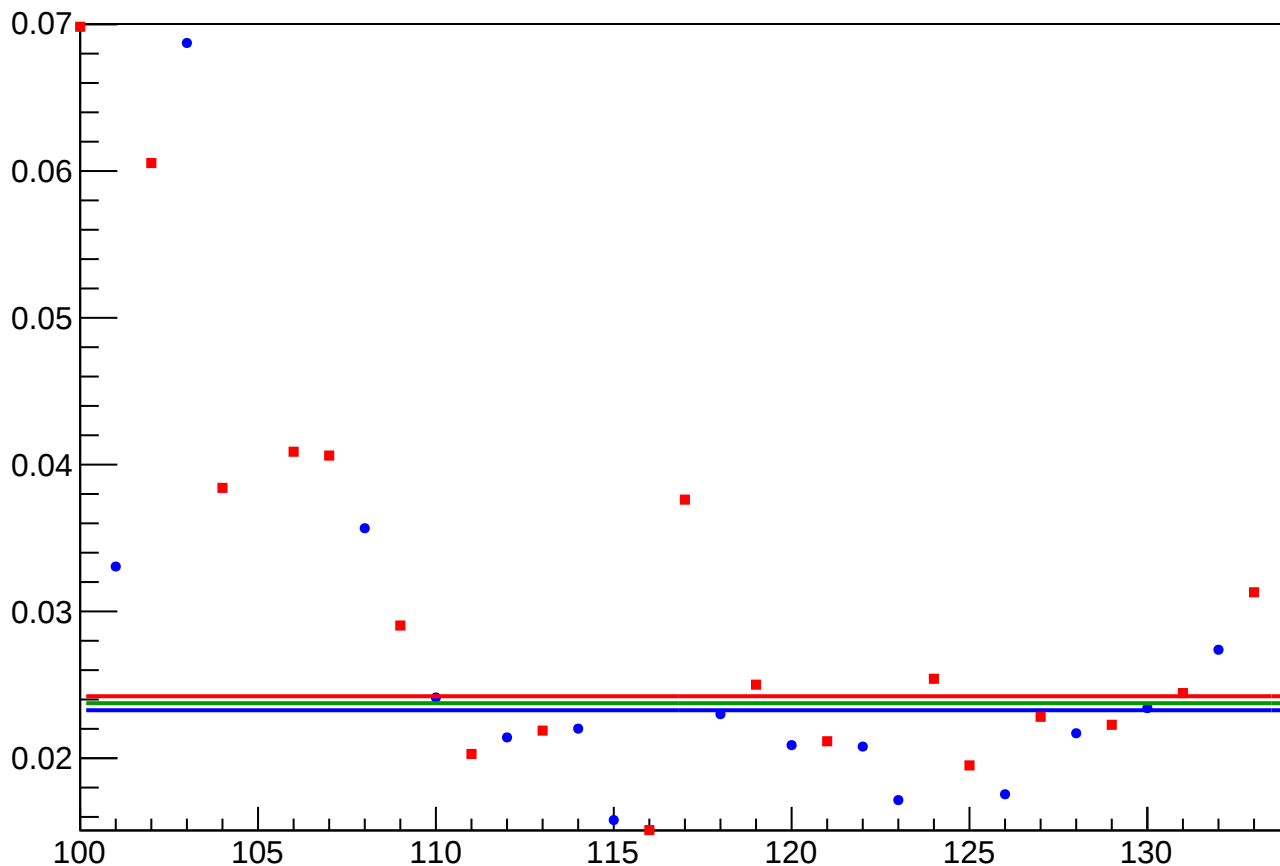
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.073+/-0.000 χ^2 /NDF: 248628458.8/15

-1.088+/-0.000 χ^2 /NDF: 617810575.7/33

-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 : 804345.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 984625.6/17

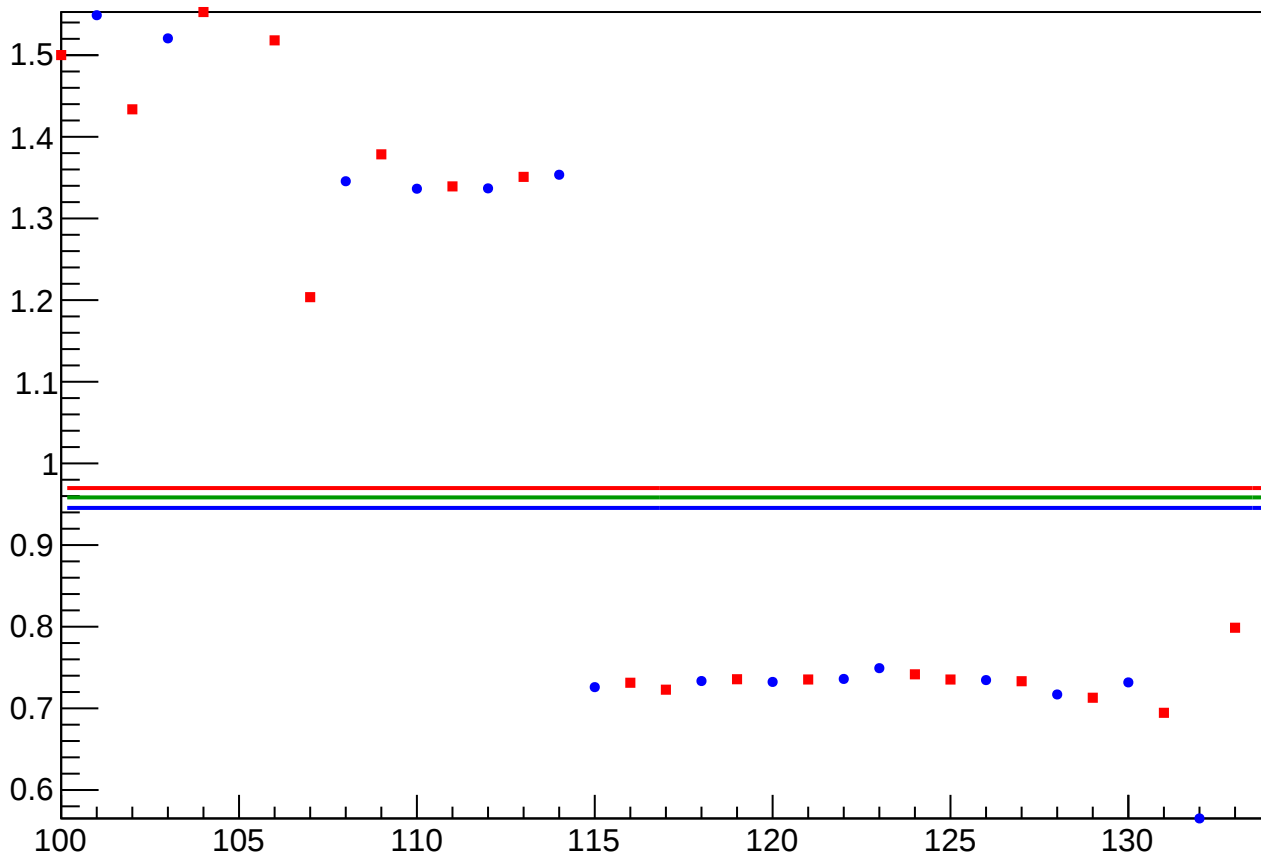
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 804345.4/15

0.024+/-0.000 χ^2/NDF : 1796506.8/33

0.024+/-0.000 χ^2/NDF : 984625.6/17

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.945+/-0.000 χ^2/NDF : 2250114738.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.970+/-0.000 χ^2/NDF : 2275282223.2/17

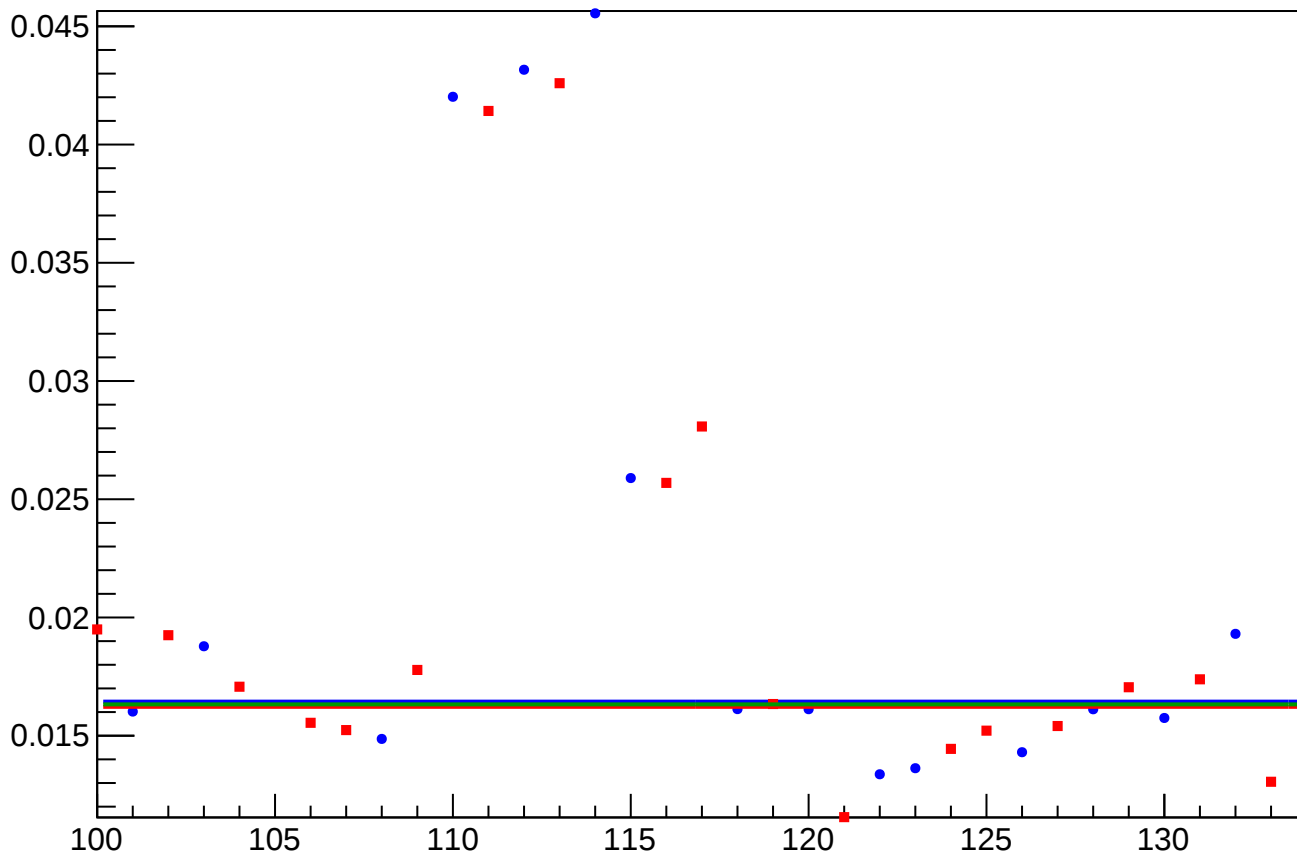
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.945+/-0.000 χ^2/NDF : 2250114738.5/15

0.958+/-0.000 χ^2/NDF : 4531266302.9/33

0.970+/-0.000 χ^2/NDF : 2275282223.2/17

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 834052.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 935873.9/17

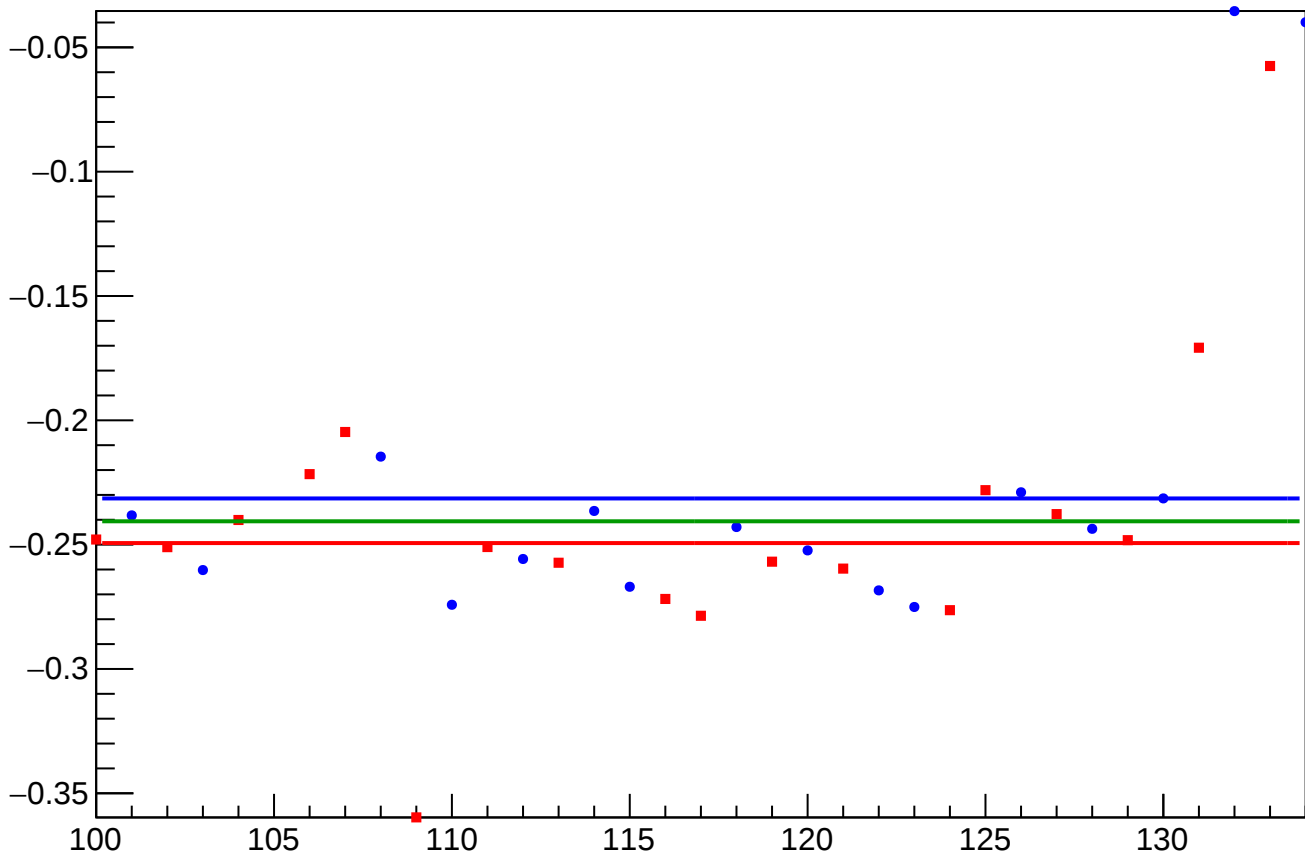
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 834052.9/15

0.016+/-0.000 χ^2/NDF : 1770881.2/33

0.016+/-0.000 χ^2/NDF : 935873.9/17

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.231 ± 0.000 $\chi^2/\text{NDF}: 38219086.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.249 ± 0.000 $\chi^2/\text{NDF}: 31729069.2/17$

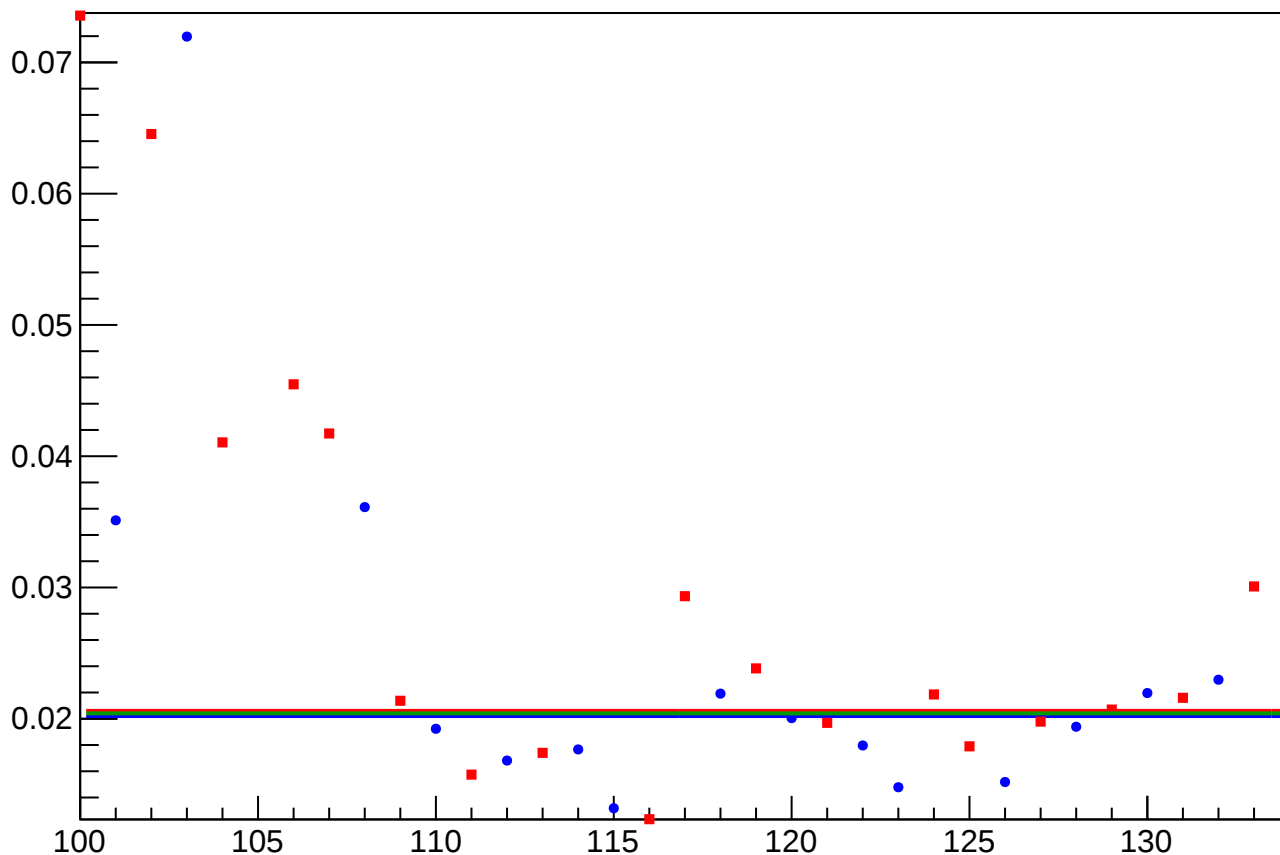
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.231 ± 0.000 $\chi^2/\text{NDF}: 38219086.4/15$

-0.241 ± 0.000 $\chi^2/\text{NDF}: 71695182.4/33$

-0.249 ± 0.000 $\chi^2/\text{NDF}: 31729069.2/17$

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1077338.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1387244.0/17

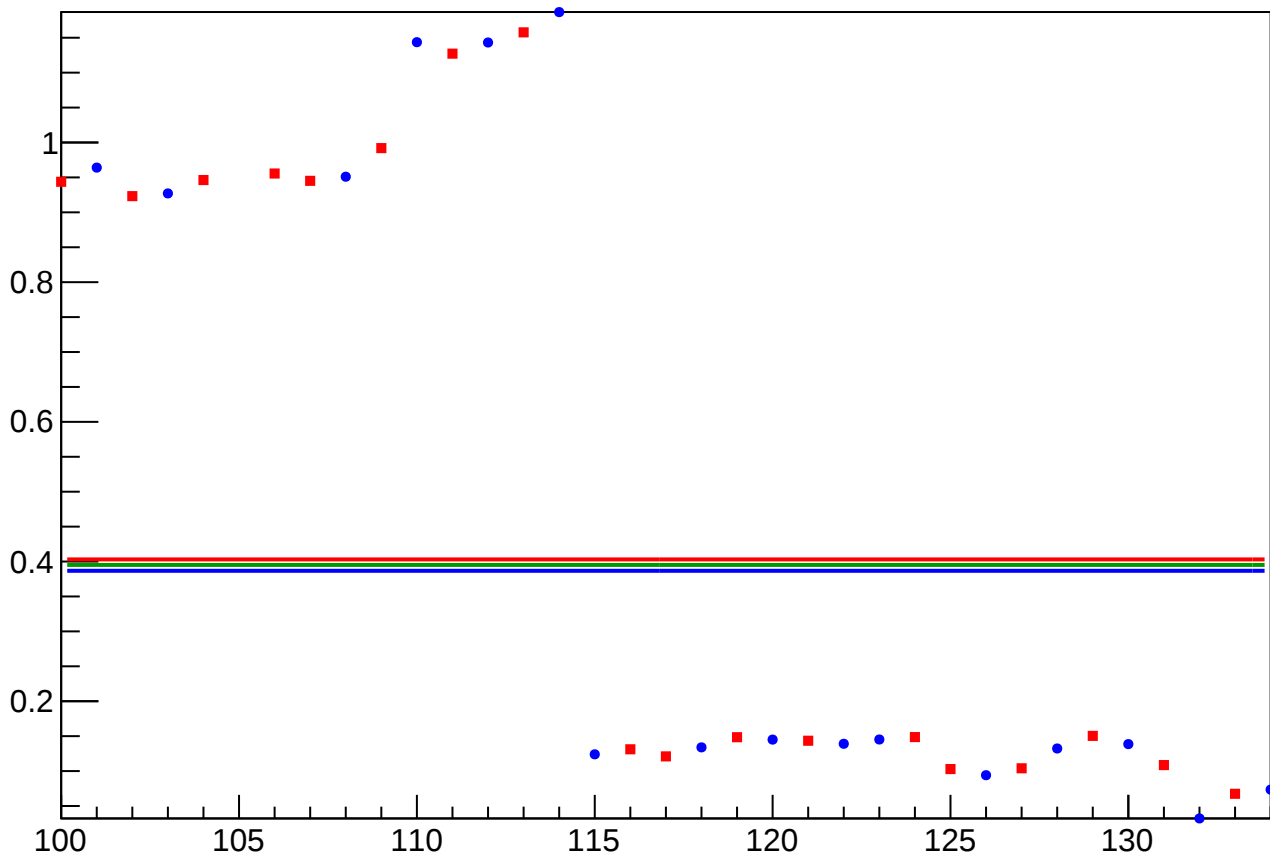
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1077338.5/15

0.020+/-0.000 χ^2/NDF : 2466227.2/33

0.021+/-0.000 χ^2/NDF : 1387244.0/17

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.387+/-0.000 χ^2/NDF : 4372688906.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.403+/-0.000 χ^2/NDF : 4810277722.8/17

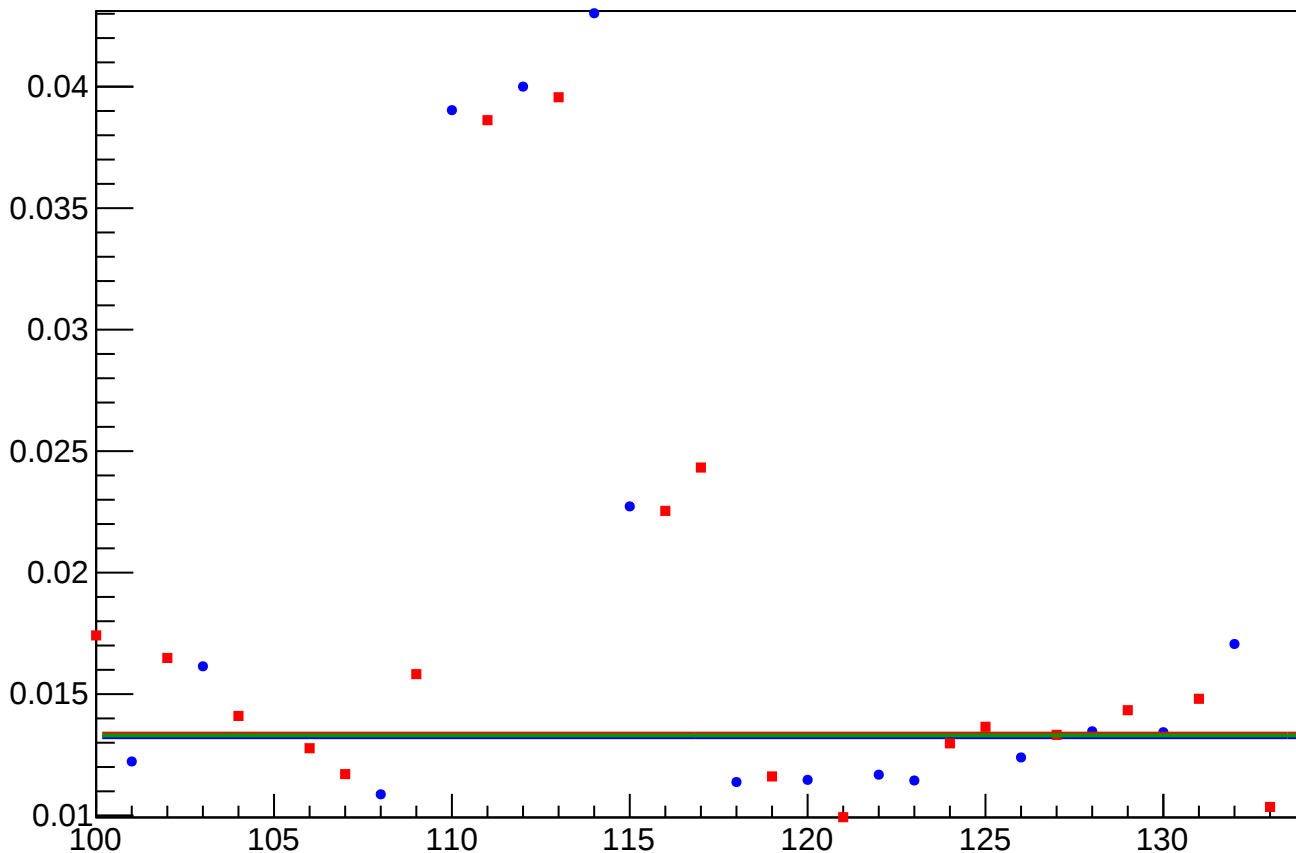
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.387+/-0.000 χ^2/NDF : 4372688906.2/15

0.395+/-0.000 χ^2/NDF : 9186852204.2/33

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 : 995872.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1081542.1/17

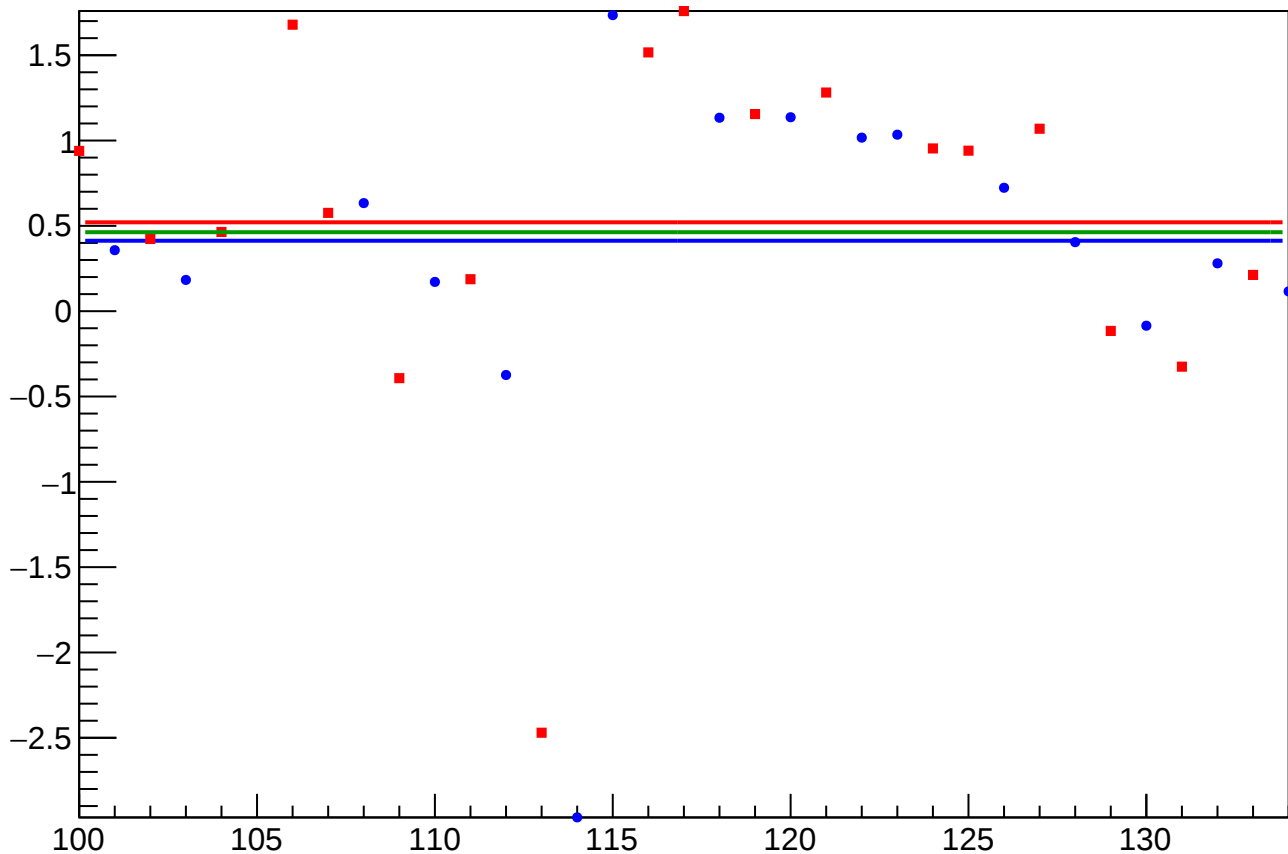
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 995872.9/15

0.013+/-0.000 χ^2/NDF : 2078021.6/33

0.013+/-0.000 χ^2/NDF : 1081542.1/17

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.413+/-0.000 χ^2/NDF : 232199051.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.521+/-0.000 χ^2/NDF : 991488628.0/17

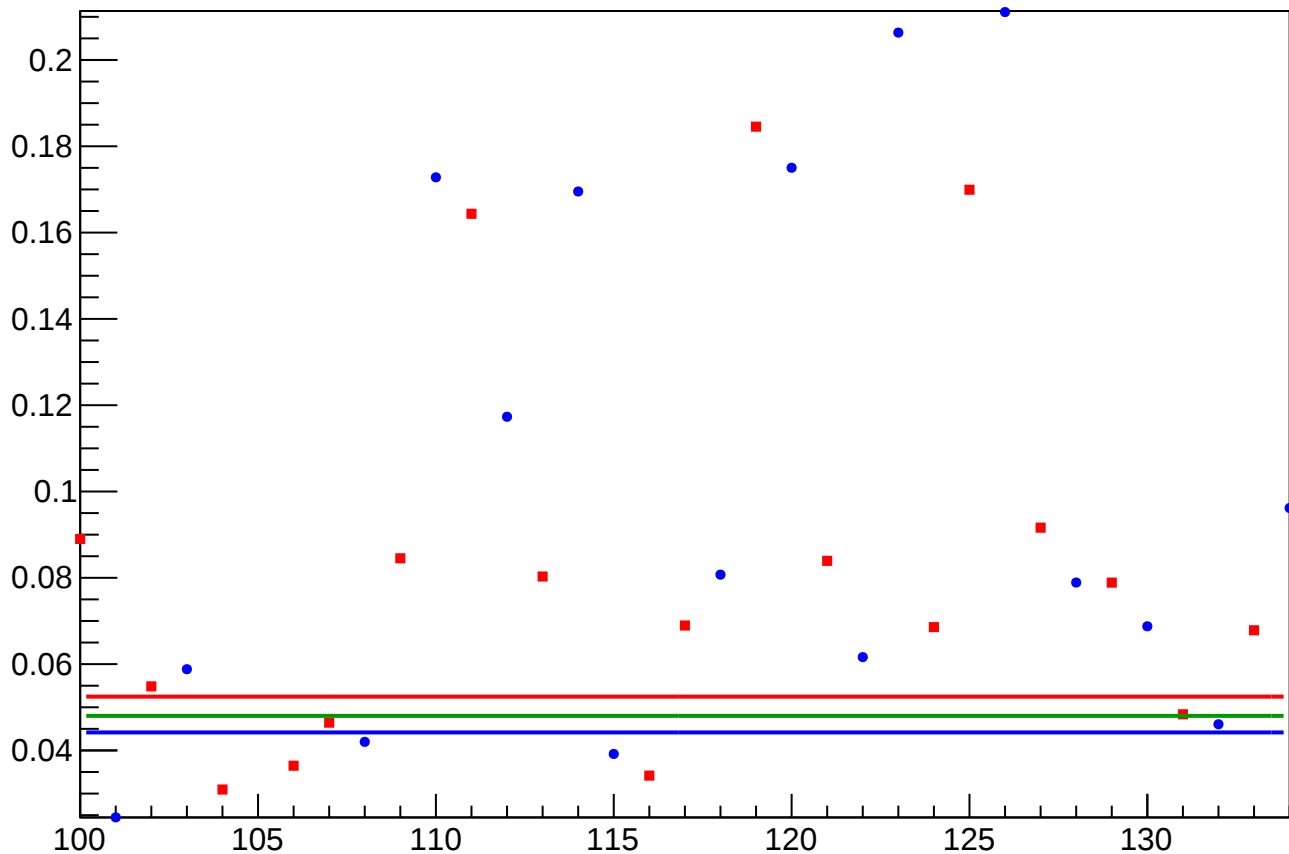
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.413+/-0.000 χ^2/NDF : 232199051.2/15

0.463+/-0.000 χ^2/NDF : 1232358061.2/33

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 : 2764798.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 2183151.9/17

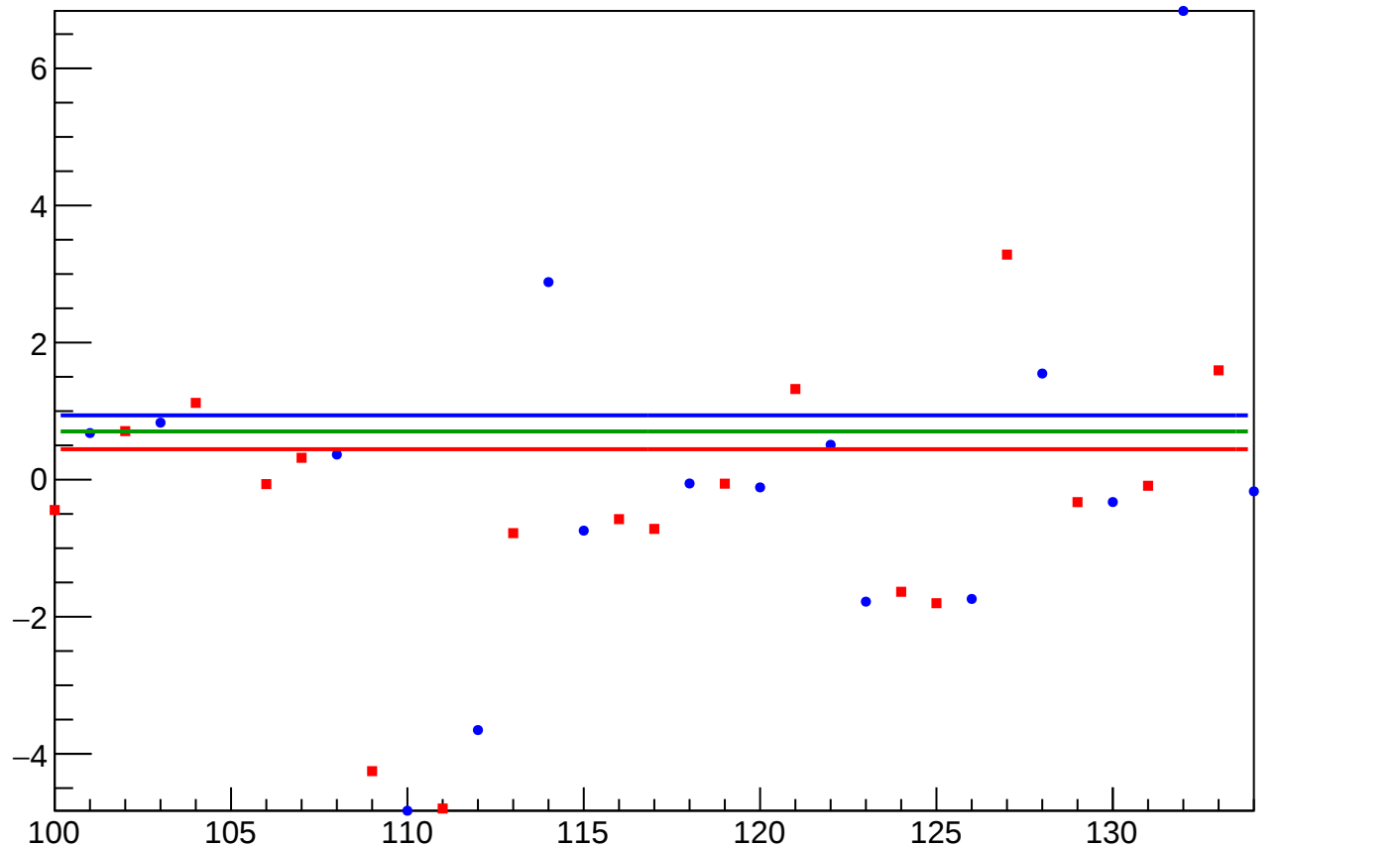
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2764798.2/15

0.048+/-0.000 χ^2/NDF : 5050357.8/33

0.052+/-0.000 χ^2/NDF : 2183151.9/17

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.938 $\pm$ 0.000 χ^2/NDF : 10069458371.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.444 $\pm$ 0.000 χ^2/NDF : 4489888118.1/17

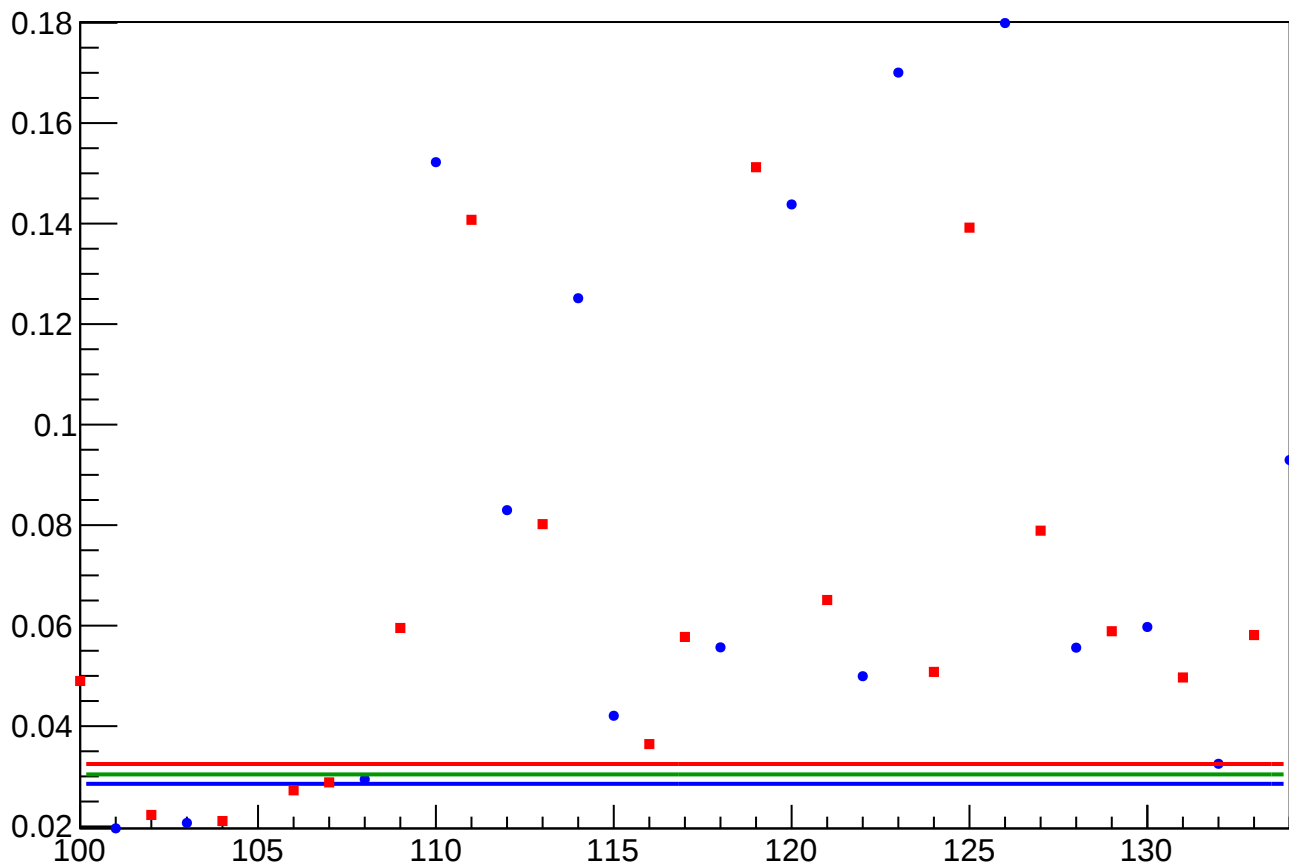
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.938 $\pm$ 0.000 χ^2/NDF : 10069458371.1/15

0.703 $\pm$ 0.000 χ^2/NDF : 14991012385.9/3

0.444 $\pm$ 0.000 χ^2/NDF : 4489888118.1/17

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 2887674.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000 χ^2/NDF : 3007439.1/17

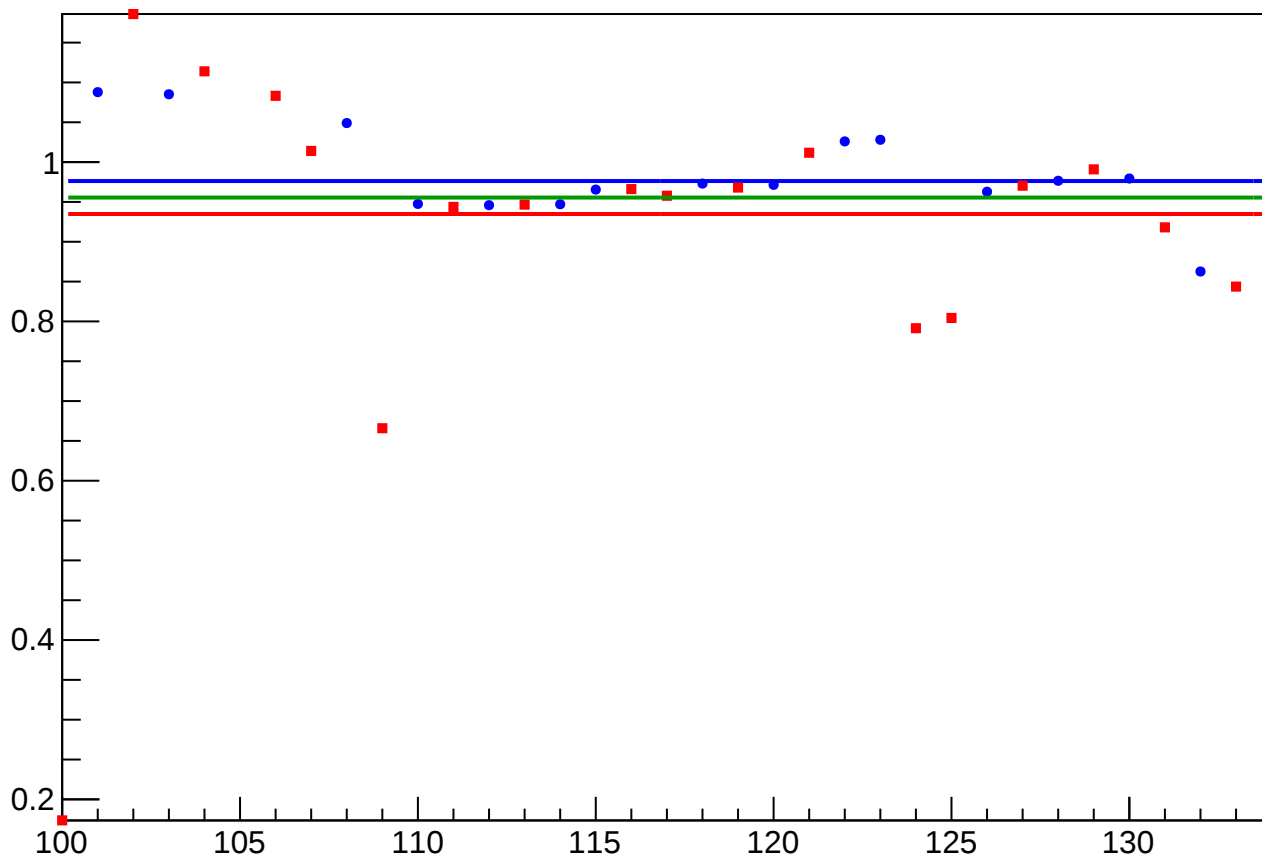
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 2887674.2/15

0.030+/-0.000 χ^2/NDF : 5950177.0/33

0.032+/-0.000 χ^2/NDF : 3007439.1/17

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.976 ± 0.000 $\chi^2/\text{NDF}: 88898833.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.935 ± 0.000 $\chi^2/\text{NDF}: 338370500.4/17$

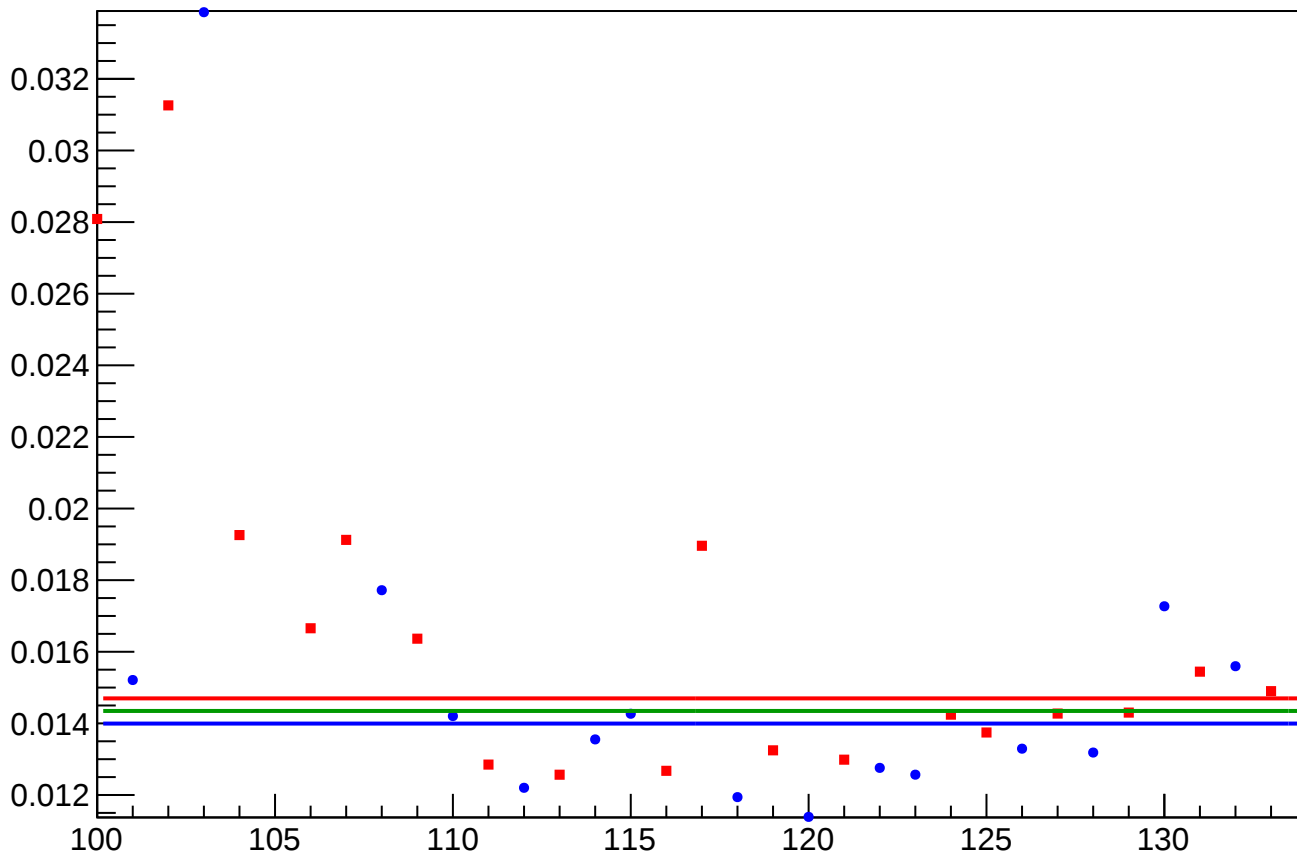
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.976 ± 0.000 $\chi^2/\text{NDF}: 88898833.4/15$

0.955 ± 0.000 $\chi^2/\text{NDF}: 449156291.3/33$

0.935 ± 0.000 $\chi^2/\text{NDF}: 338370500.4/17$

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 520391.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 475480.0/17

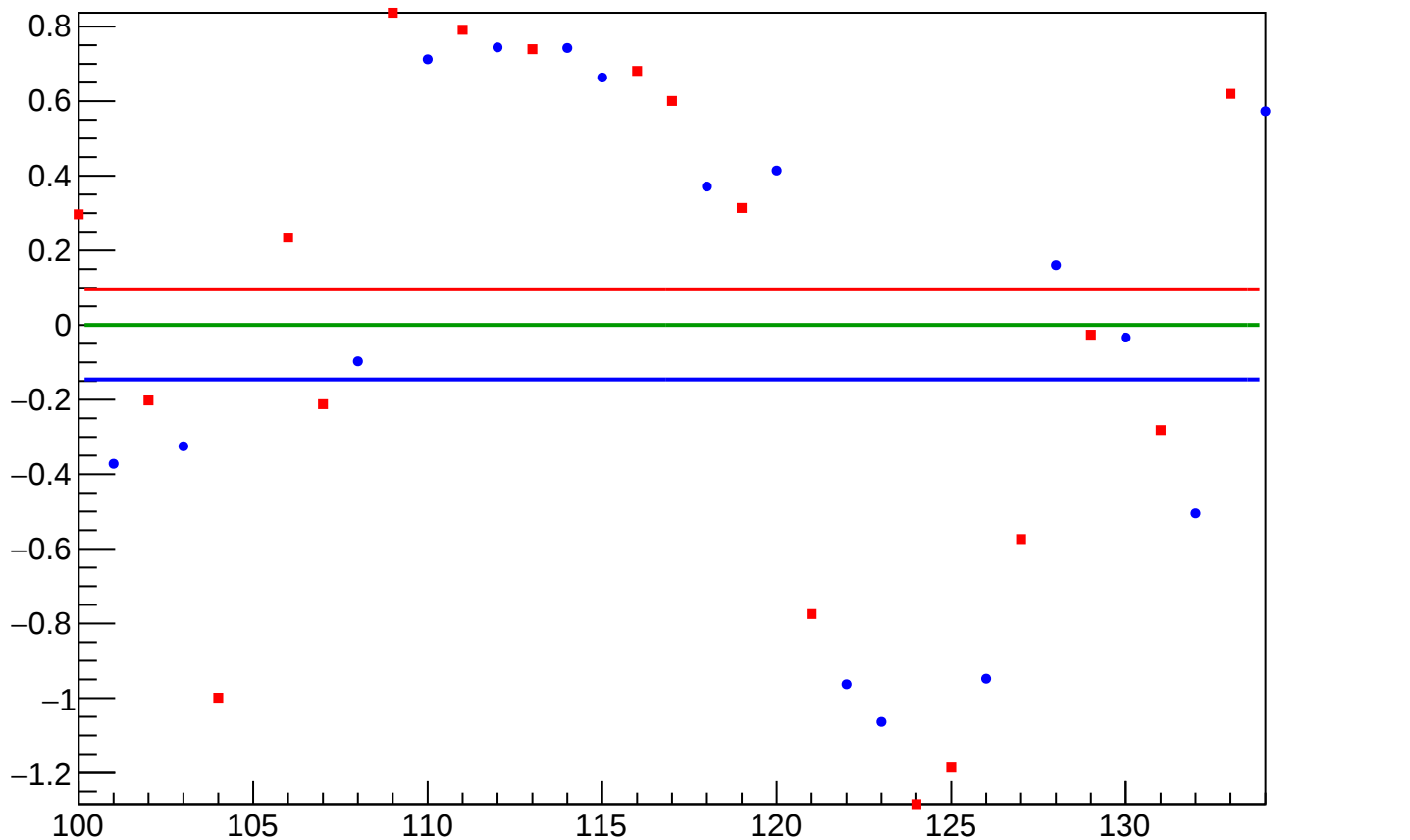
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 520391.2/15

0.014+/-0.000 χ^2/NDF : 1008518.9/33

0.015+/-0.000 χ^2/NDF : 475480.0/17

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.146+/-0.000 χ^2/NDF : 4949216302.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.000 χ^2/NDF : 12247190161.1/17

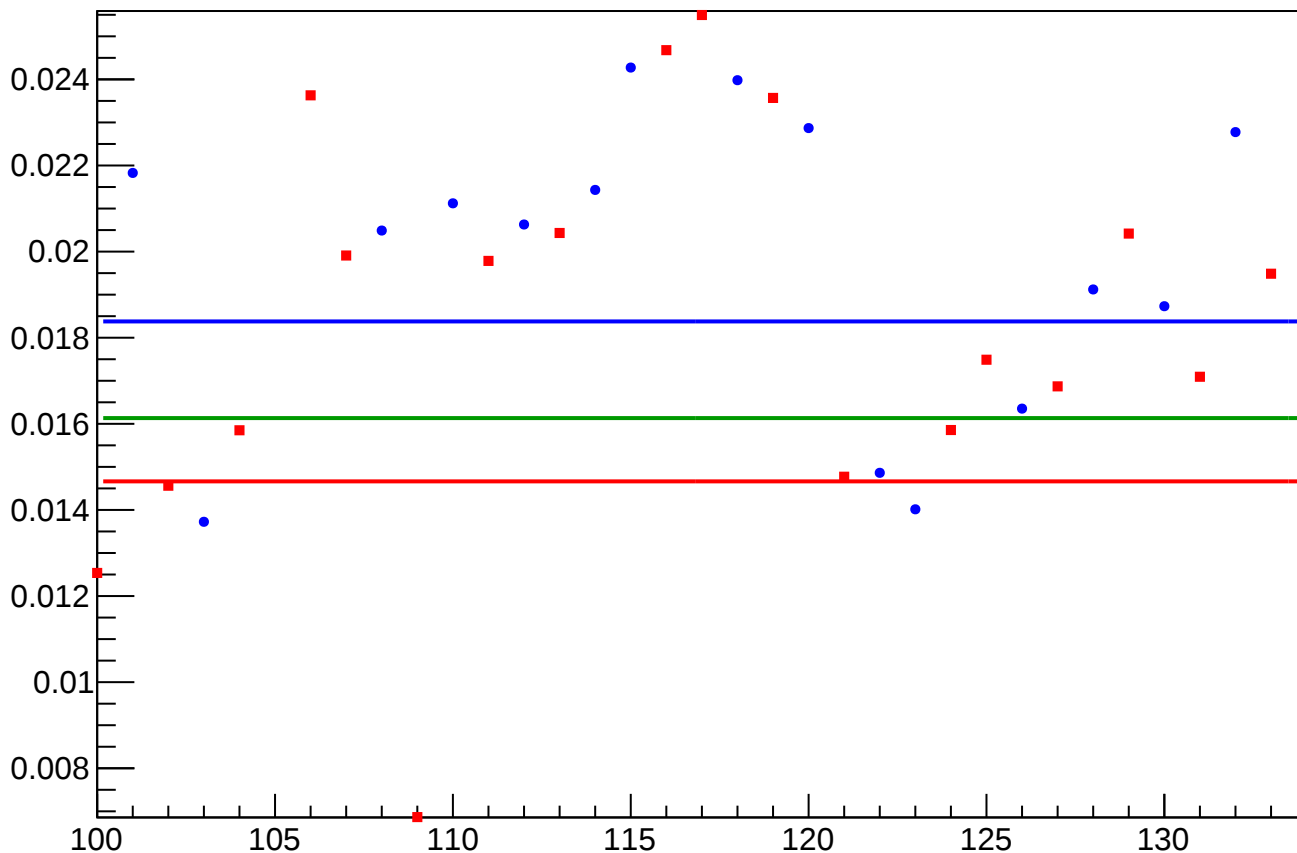
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.146+/-0.000 χ^2/NDF : 4949216302.8/15

0.000+/-0.000 χ^2/NDF : 17738484786.5/3

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 : 359407.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1466419.7/17

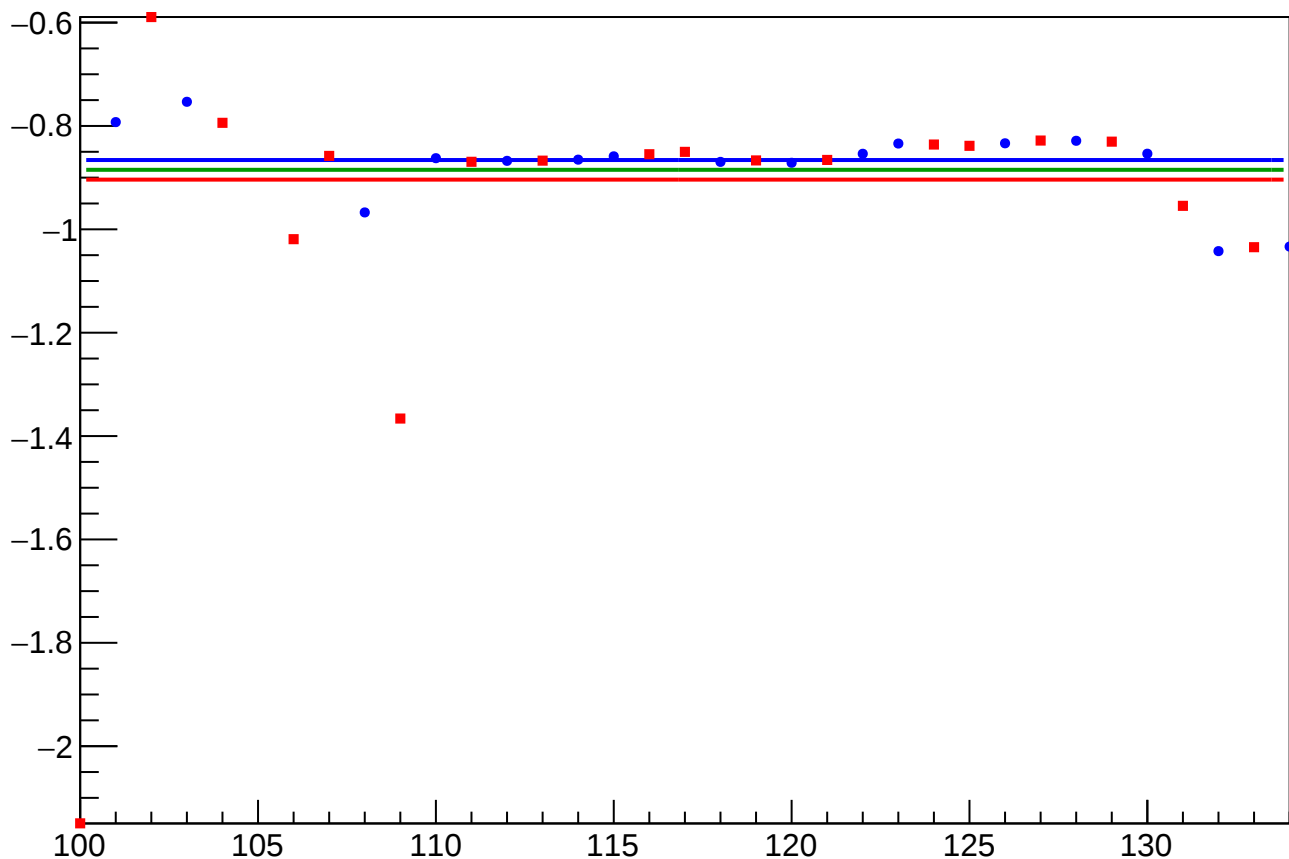
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 359407.7/15

0.016+/-0.000 χ^2/NDF : 2082311.2/33

0.015+/-0.000 χ^2/NDF : 1466419.7/17

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.866+/-0.000 χ^2 /NDF: 19854304.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.904+/-0.000 χ^2 /NDF: 120299231.5/17

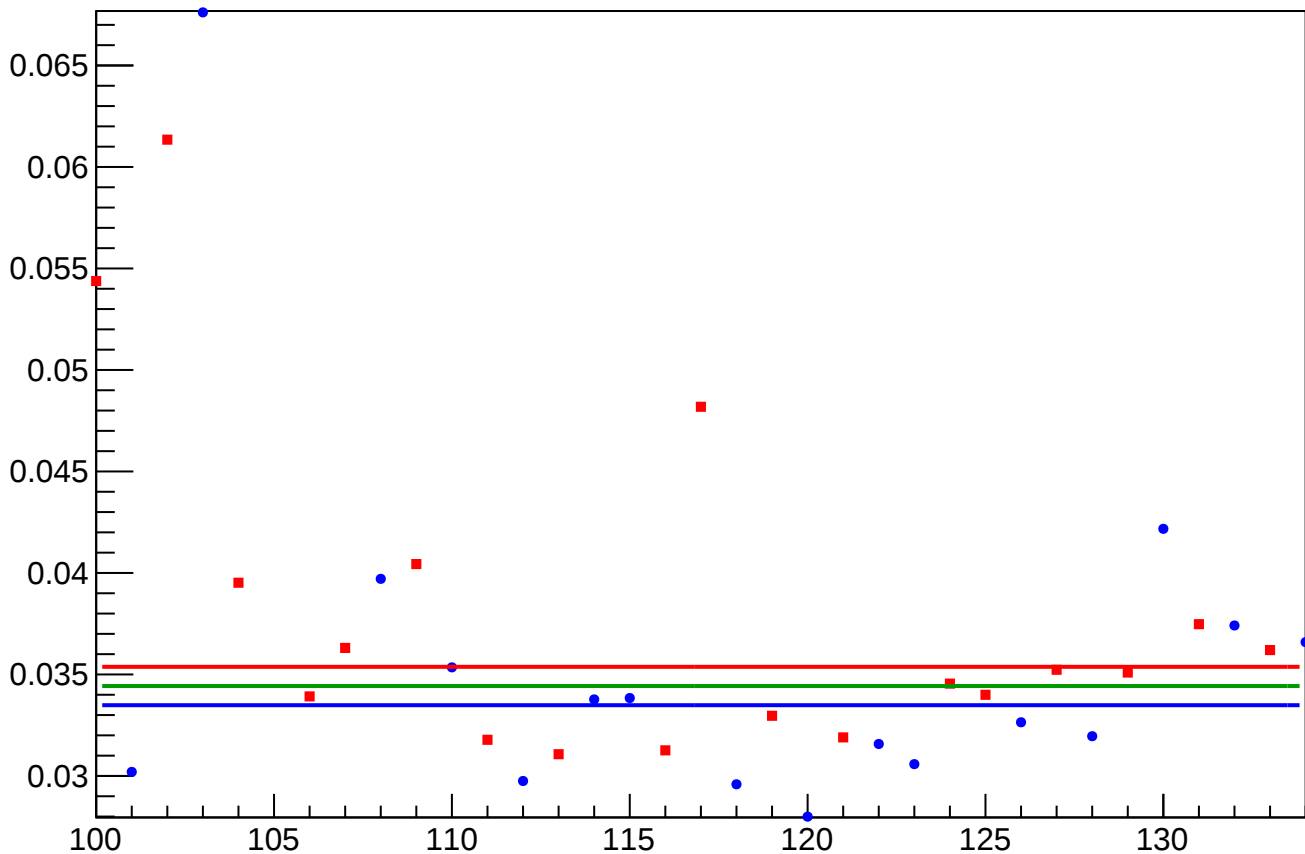
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.866+/-0.000 χ^2 /NDF: 19854304.2/15

-0.885+/-0.000 χ^2 /NDF: 143377032.8/33

-0.904+/-0.000 χ^2 /NDF: 120299231.5/17

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 394499.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 265565.2/17

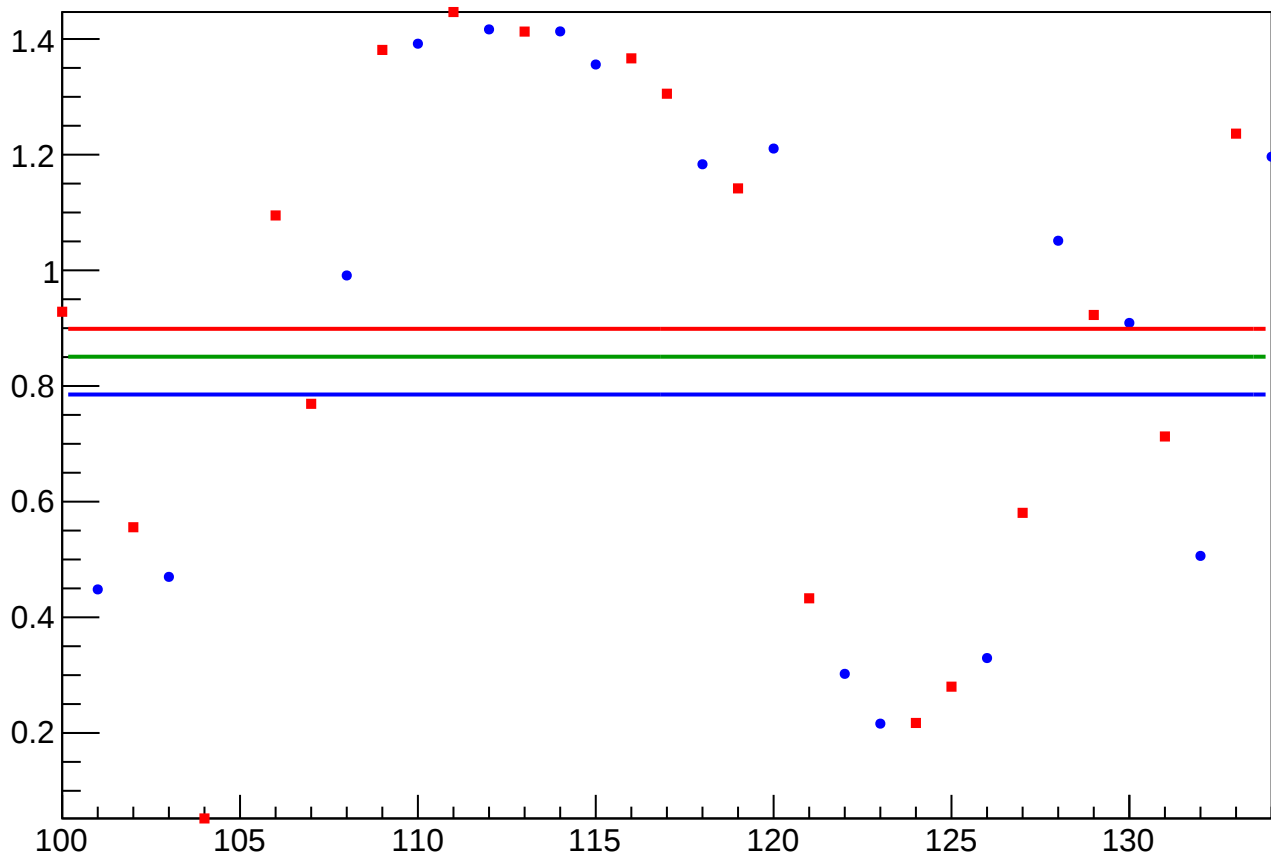
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 394499.6/15

0.034+/-0.000 χ^2/NDF : 676096.3/33

0.035+/-0.000 χ^2/NDF : 265565.2/17

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.785+/-0.000 χ^2/NDF : 5582855817.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.899+/-0.000 χ^2/NDF : 9555740687.3/17

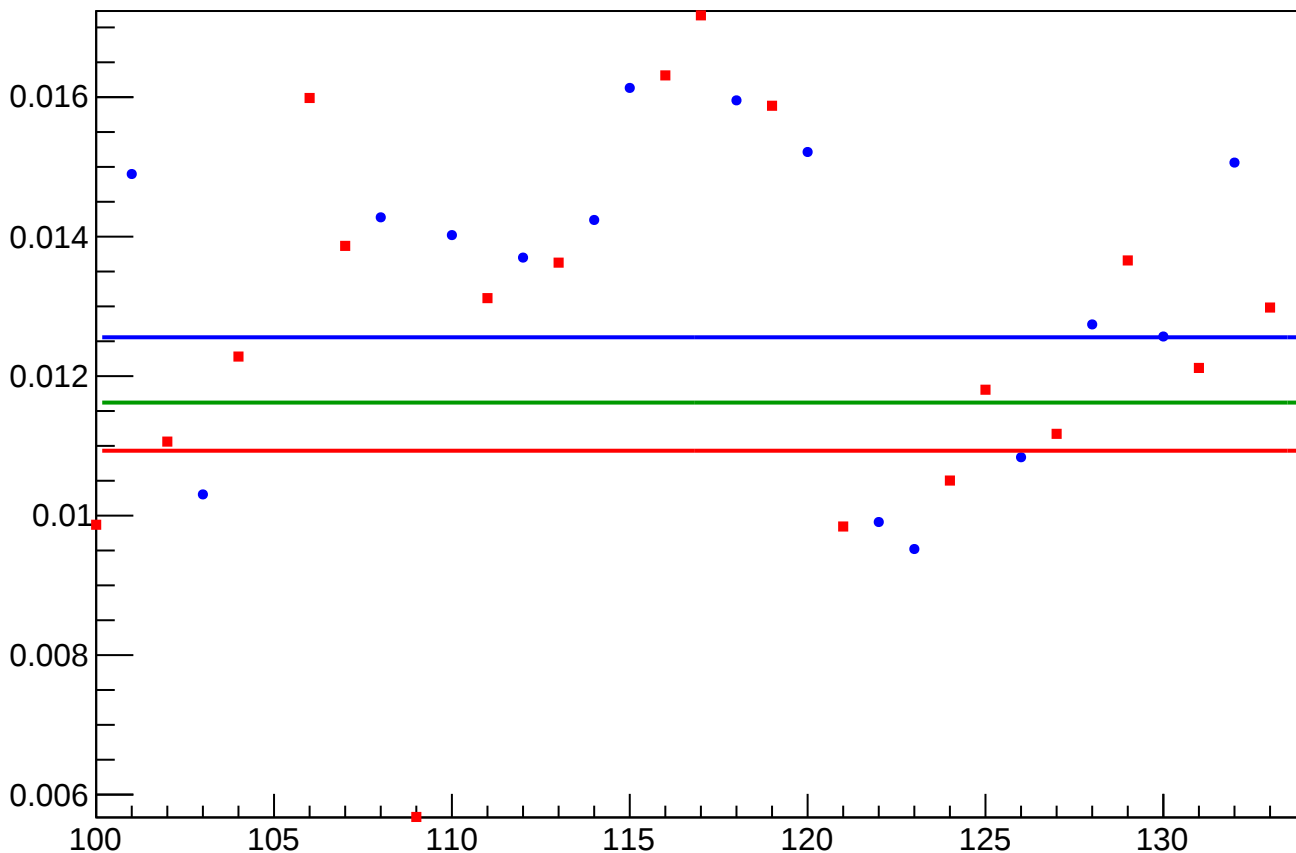
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.785+/-0.000 χ^2/NDF : 5582855817.2/15

0.851+/-0.000 χ^2/NDF : 15384804551.1/3

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 : 278752.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 921640.7/17

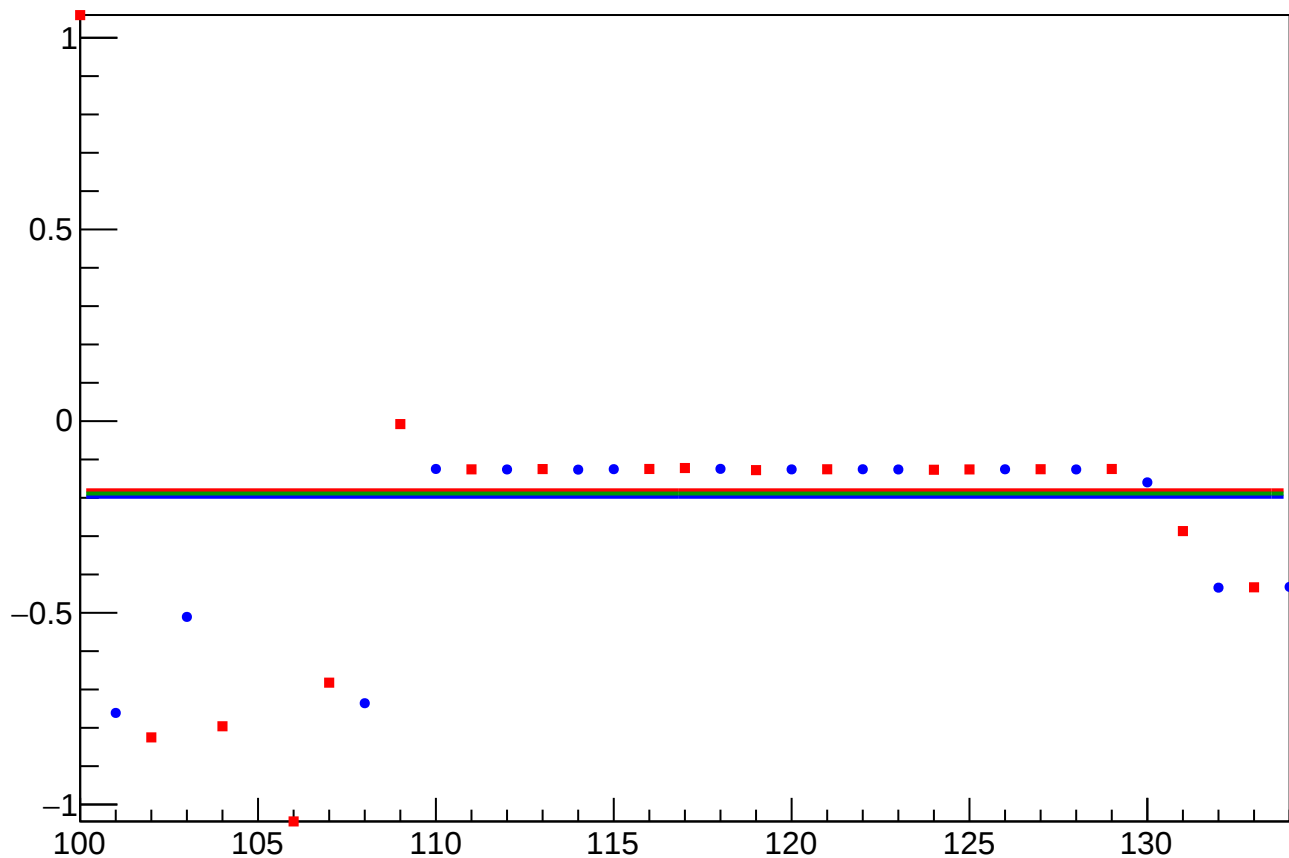
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 278752.0/15

0.012+/-0.000 χ^2/NDF : 1301355.9/33

0.011+/-0.000 χ^2/NDF : 921640.7/17

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.197+/-0.000 χ^2/NDF : 524628430.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.180+/-0.000 χ^2/NDF : 565556058.8/17

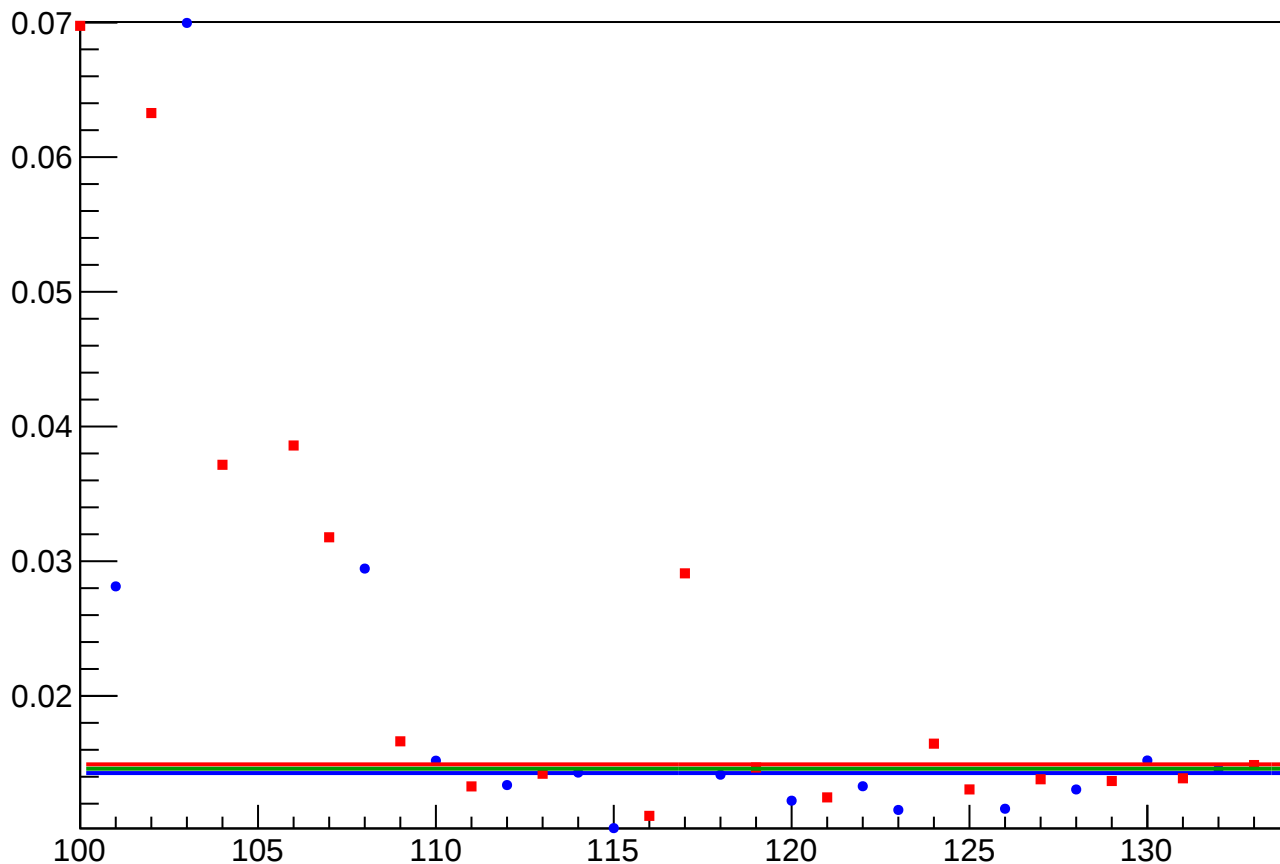
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.197+/-0.000 χ^2/NDF : 524628430.7/15

-0.189+/-0.000 χ^2/NDF : 1093096397.6/30

-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 : 1188719.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1368311.3/17

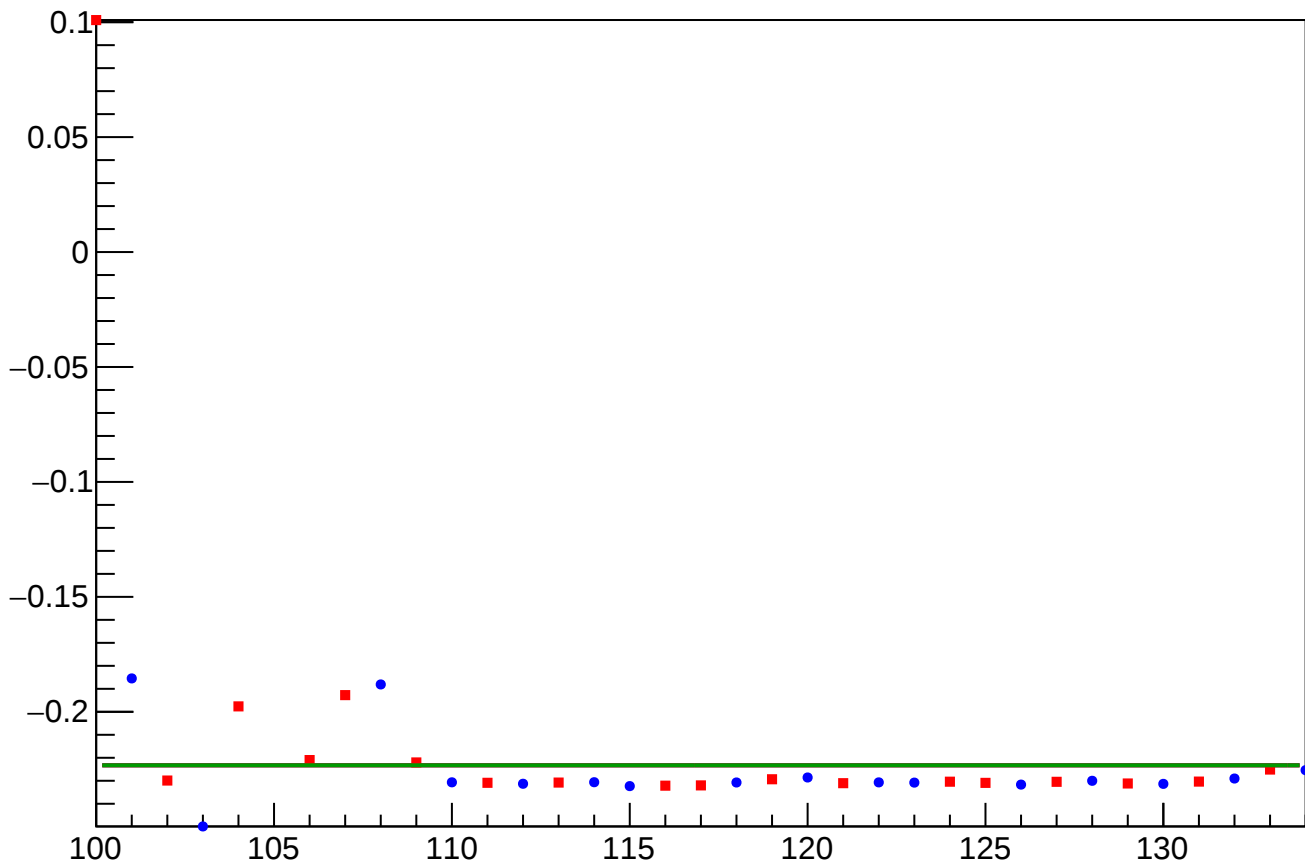
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1188719.7/15

0.015+/-0.000 χ^2/NDF : 2565639.8/33

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 : 73992216.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 168033206.7/17

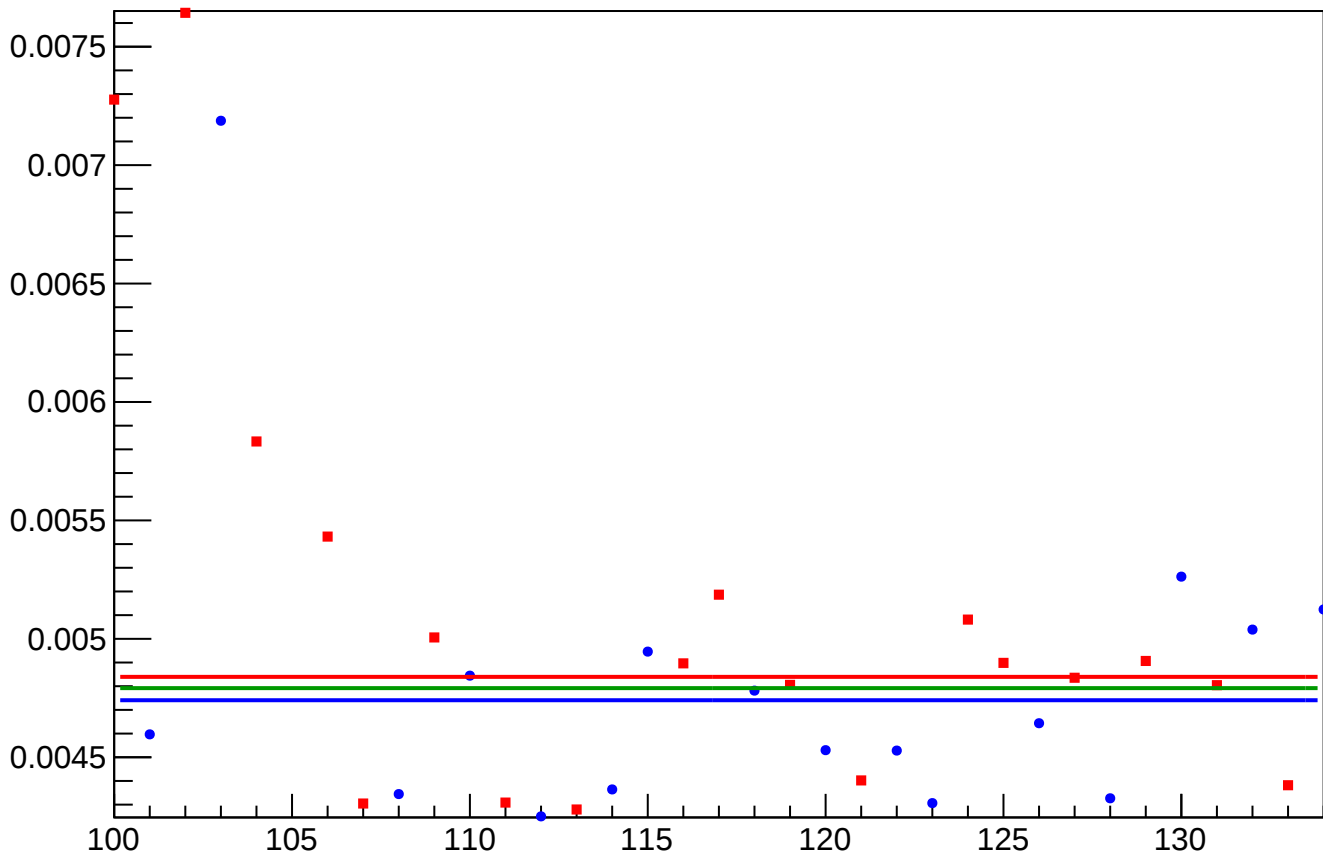
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 73992216.2/15

-0.223+/-0.000 χ^2/NDF : 242025784.4/33

-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 : 168441.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 236446.7/17

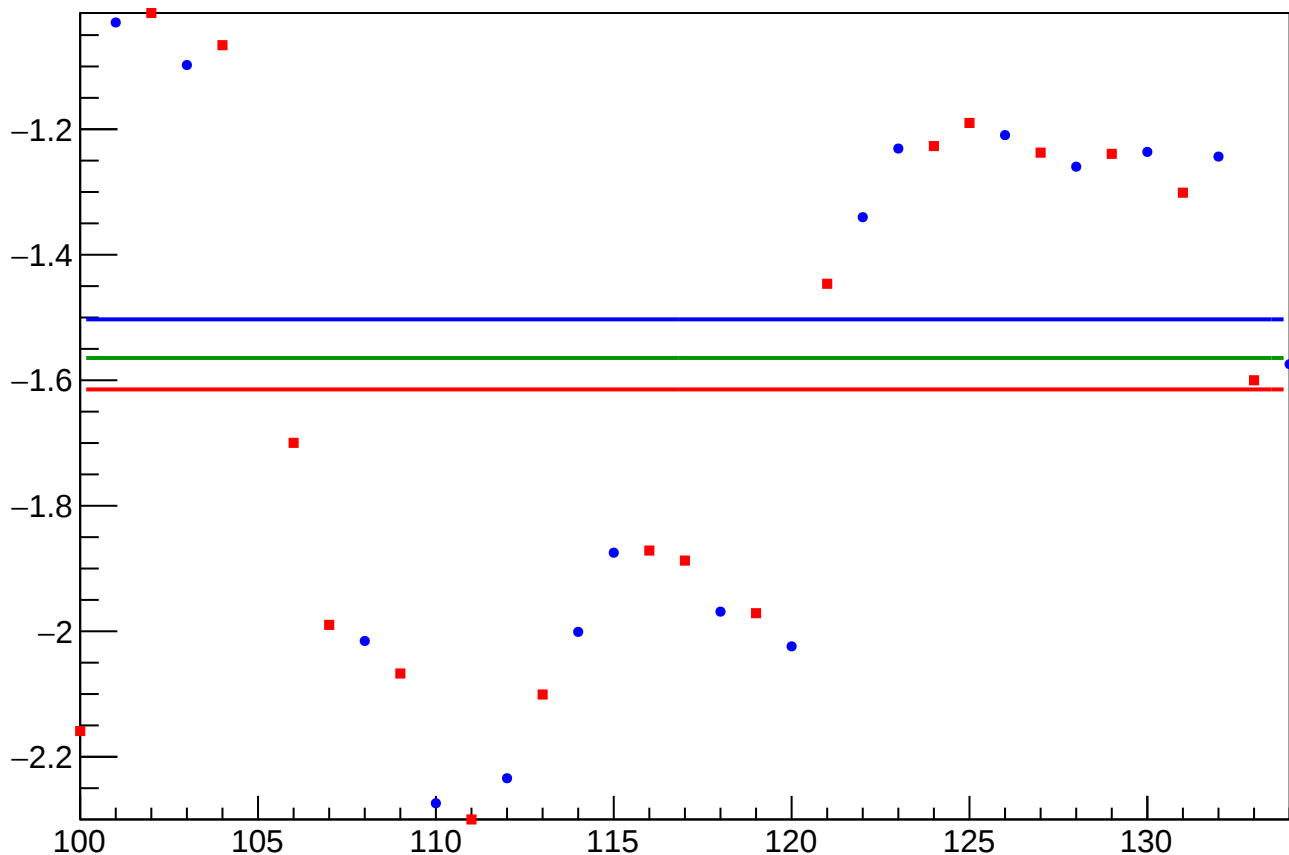
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 168441.8/15

0.005+/-0.000 χ^2/NDF : 407219.1/33

0.005+/-0.000 χ^2/NDF : 236446.7/17

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.503+/-0.000 χ^2/NDF : 22440647644.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.615+/-0.000 χ^2/NDF : 27865659911.2/17

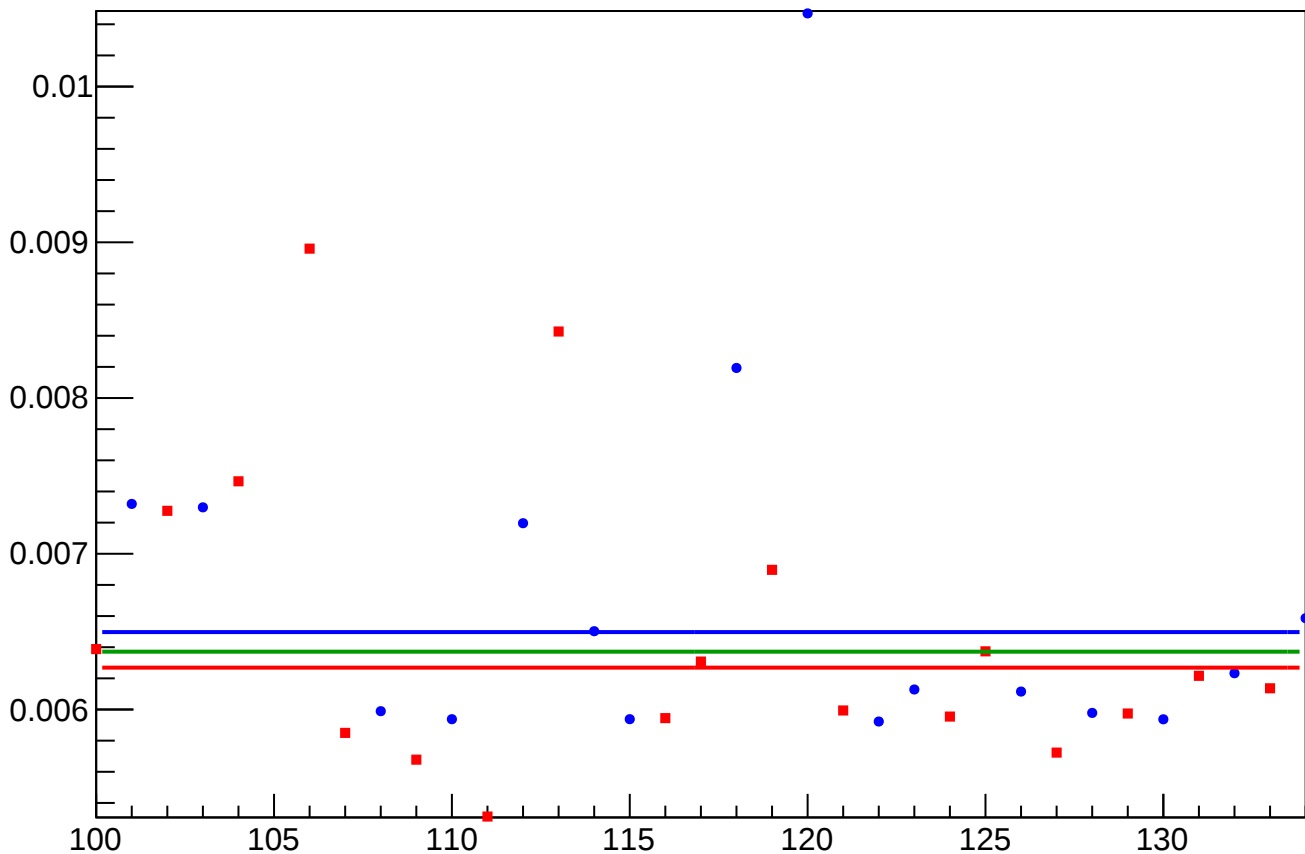
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.503+/-0.000 χ^2/NDF : 22440647644.3/15

-1.564+/-0.000 χ^2/NDF : 51159965612.8/17

-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 : 172877.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 195556.7/17

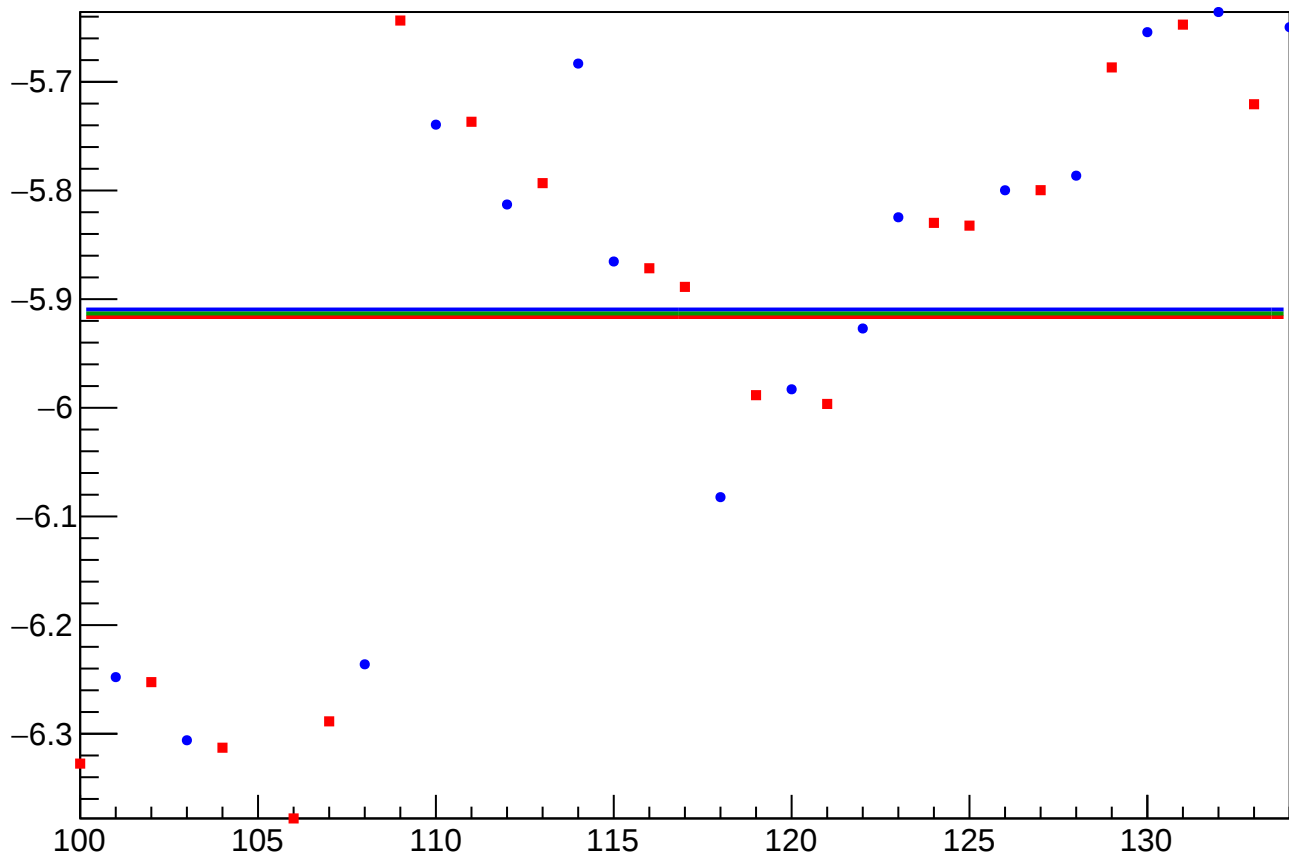
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 172877.7/15

0.006+/-0.000 χ^2/NDF : 375573.3/33

0.006+/-0.000 χ^2/NDF : 195556.7/17

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.910+/-0.000 χ^2/NDF : 11124947137.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.910+/-0.000 χ^2/NDF : 11124947137.8/15

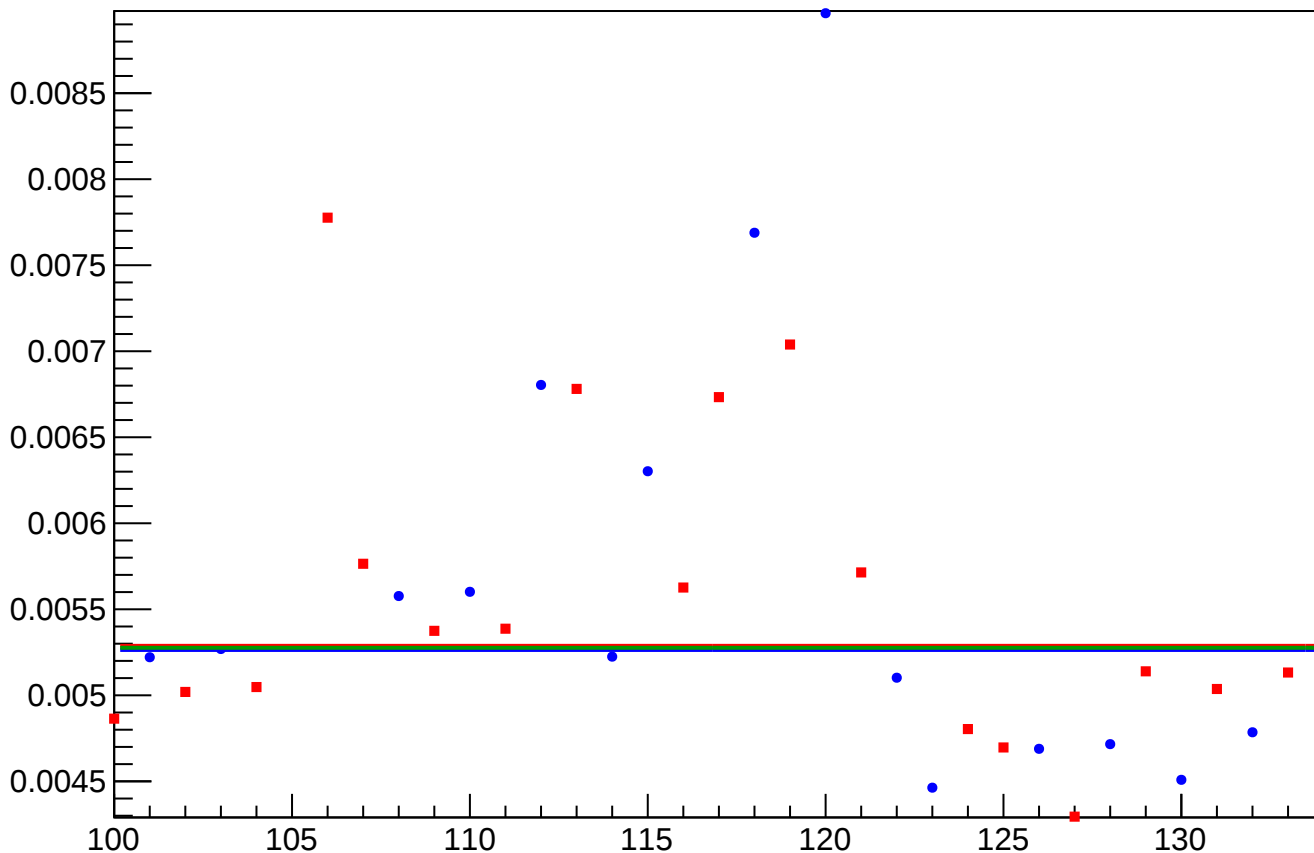
-5.913+/-0.000 χ^2/NDF : 23852710550.9/15

Right Out: -5.916+/-0.000 χ^2/NDF : 12723099338.6/17

-5.916+/-0.000 χ^2/NDF : 12723099338.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 278284.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 222309.4/17

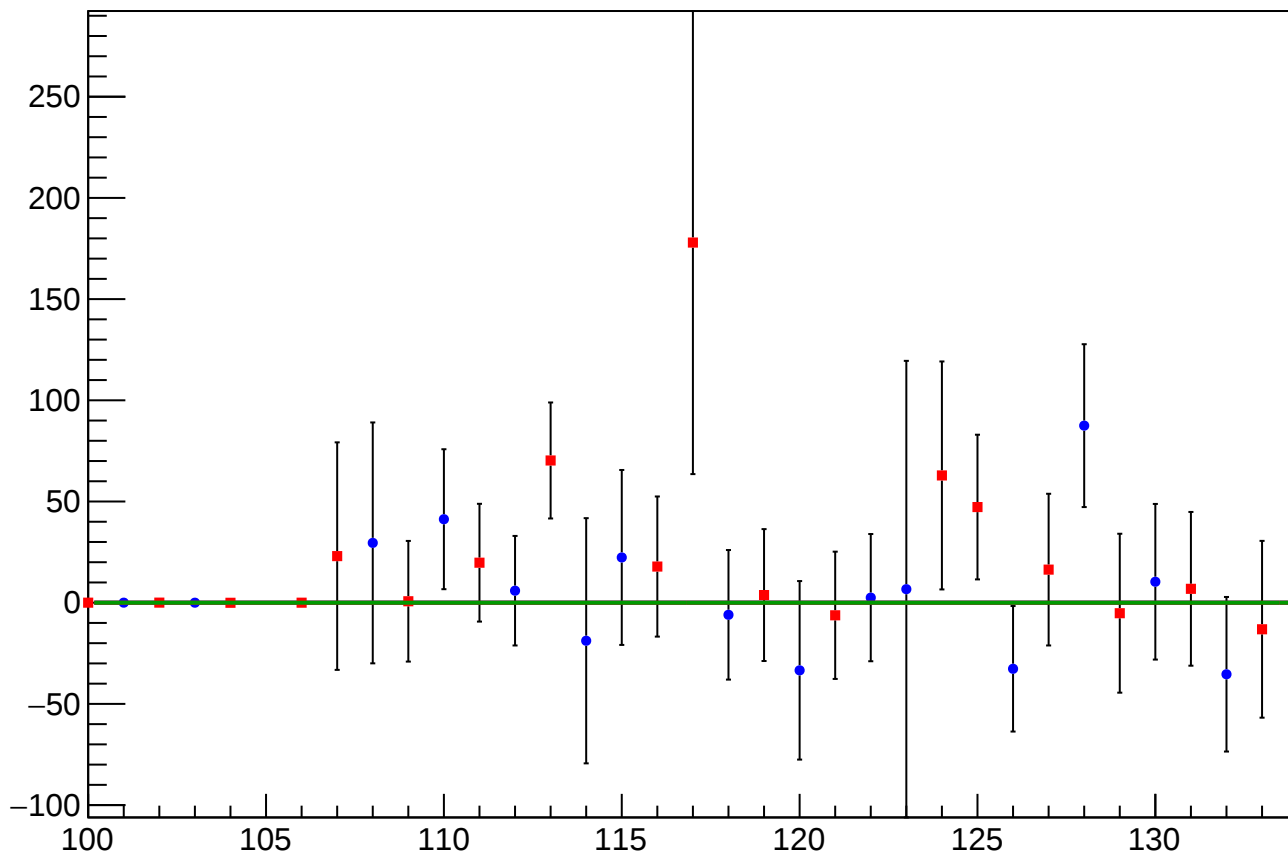
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.005+/-0.000 χ^2/NDF : 278284.6/15

0.005+/-0.000 χ^2/NDF : 500705.1/33

0.005+/-0.000 χ^2/NDF : 222309.4/17

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 10.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 17.5/17

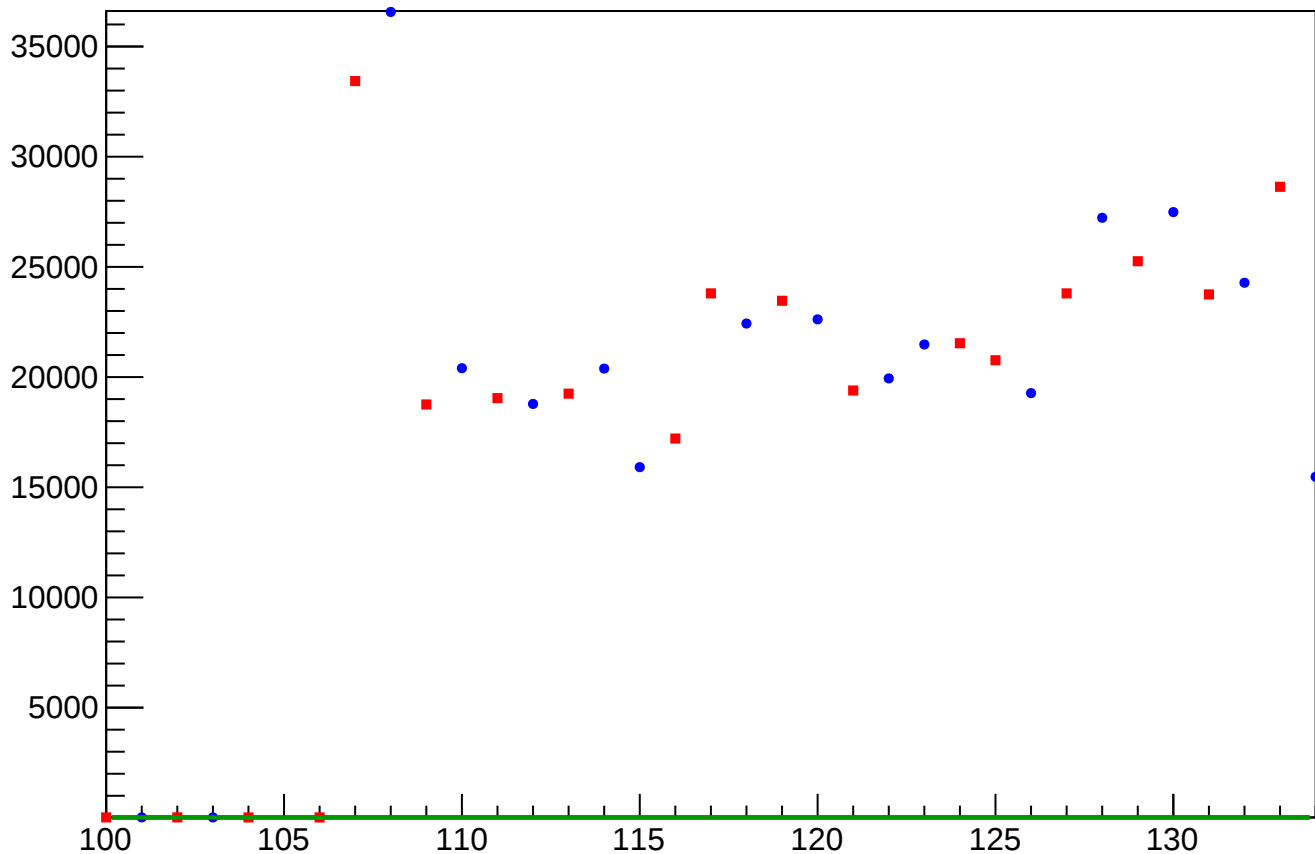
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 10.0/15

0.004 $\pm$ 0.012 χ^2 /NDF: 28.0/33

-0.003 $\pm$ 0.016 χ^2 /NDF: 17.5/17

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.622+/-0.012 χ^2 /NDF: 9166710.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.299+/-0.011 χ^2 /NDF: 9875462.9/17

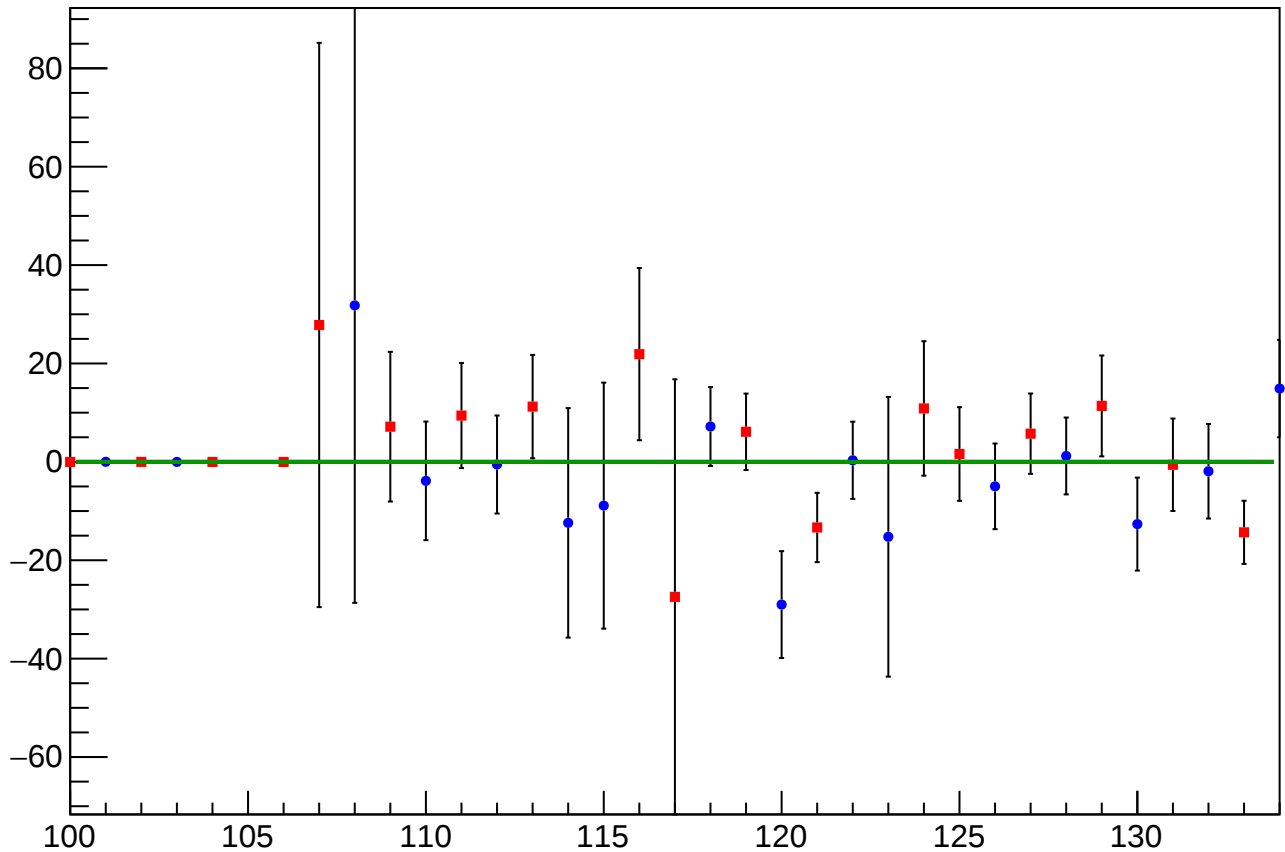
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.622+/-0.012 χ^2 /NDF: 9166710.1/15

18.449+/-0.008 χ^2 /NDF: 19042545.1/33

18.299+/-0.011 χ^2 /NDF: 9875462.9/17

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.009 χ^2/NDF : 16.6/17

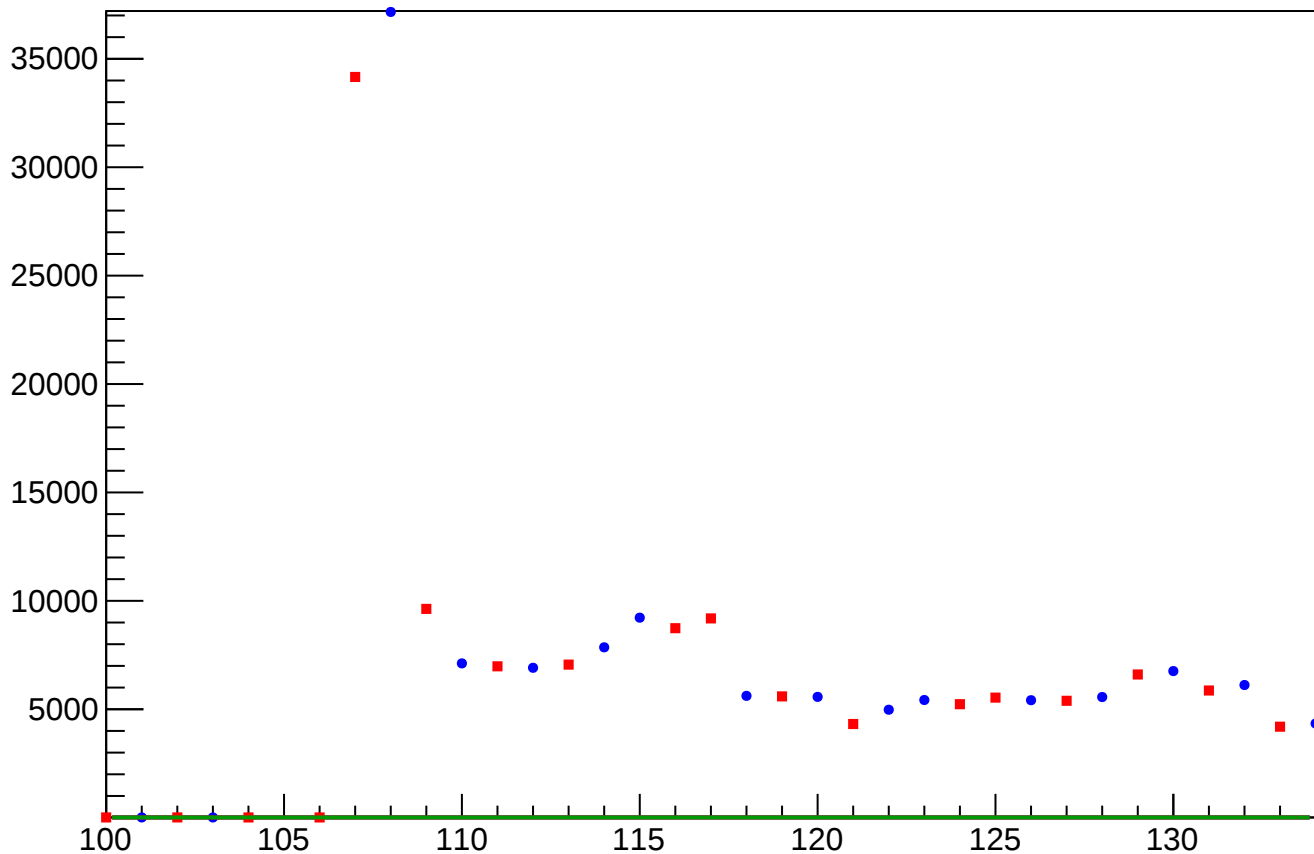
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 14.6/15

-0.007+/-0.006 χ^2/NDF : 32.6/33

-0.014+/-0.009 χ^2/NDF : 16.6/17

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.917 $\pm$ 0.007 χ^2 /NDF: 9291078.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.840 $\pm$ 0.006 χ^2 /NDF: 9929231.5/17

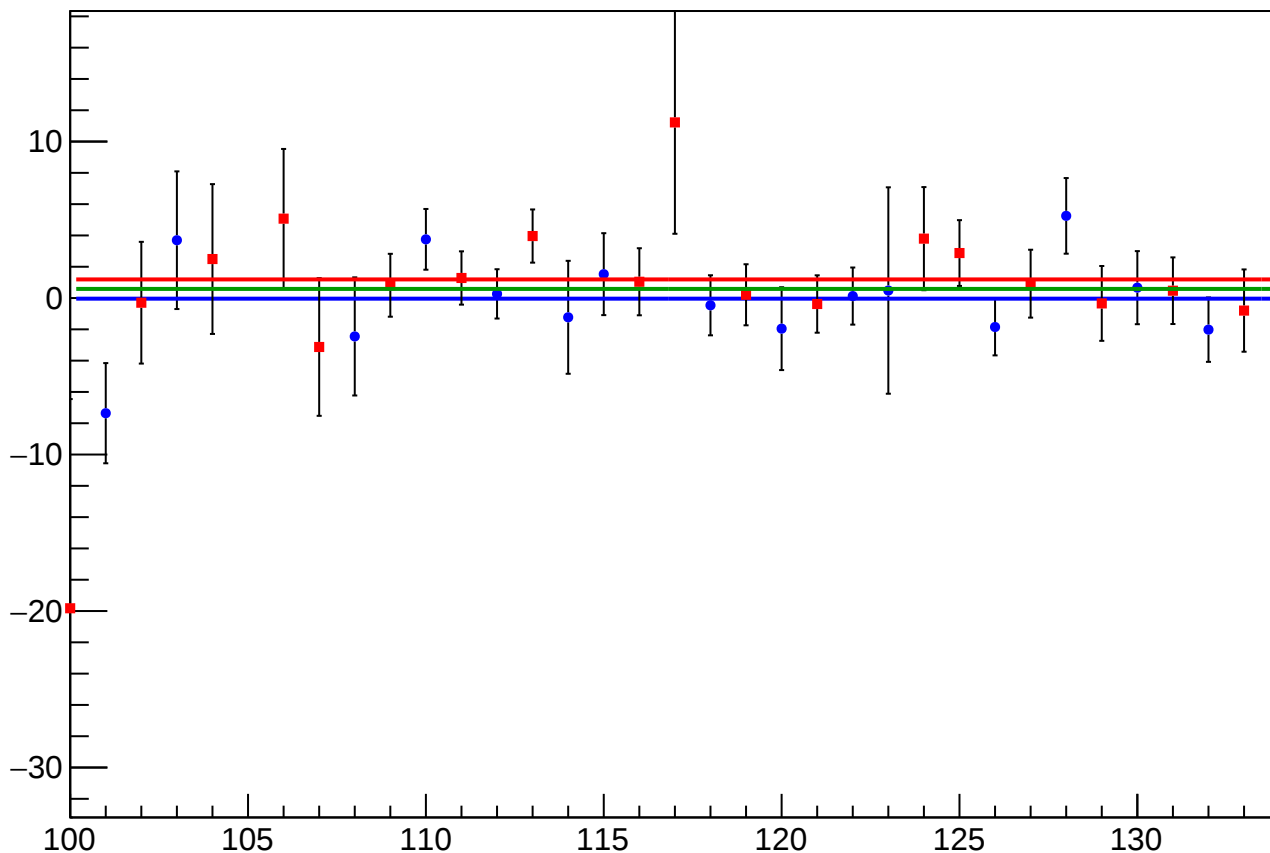
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.917 $\pm$ 0.007 χ^2 /NDF: 9291078.6/15

9.876 $\pm$ 0.004 χ^2 /NDF: 19220384.4/33

9.840 $\pm$ 0.006 χ^2 /NDF: 9929231.5/17

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.583 χ^2/NDF : 18.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.191 ± 0.575 χ^2/NDF : 12.5/17

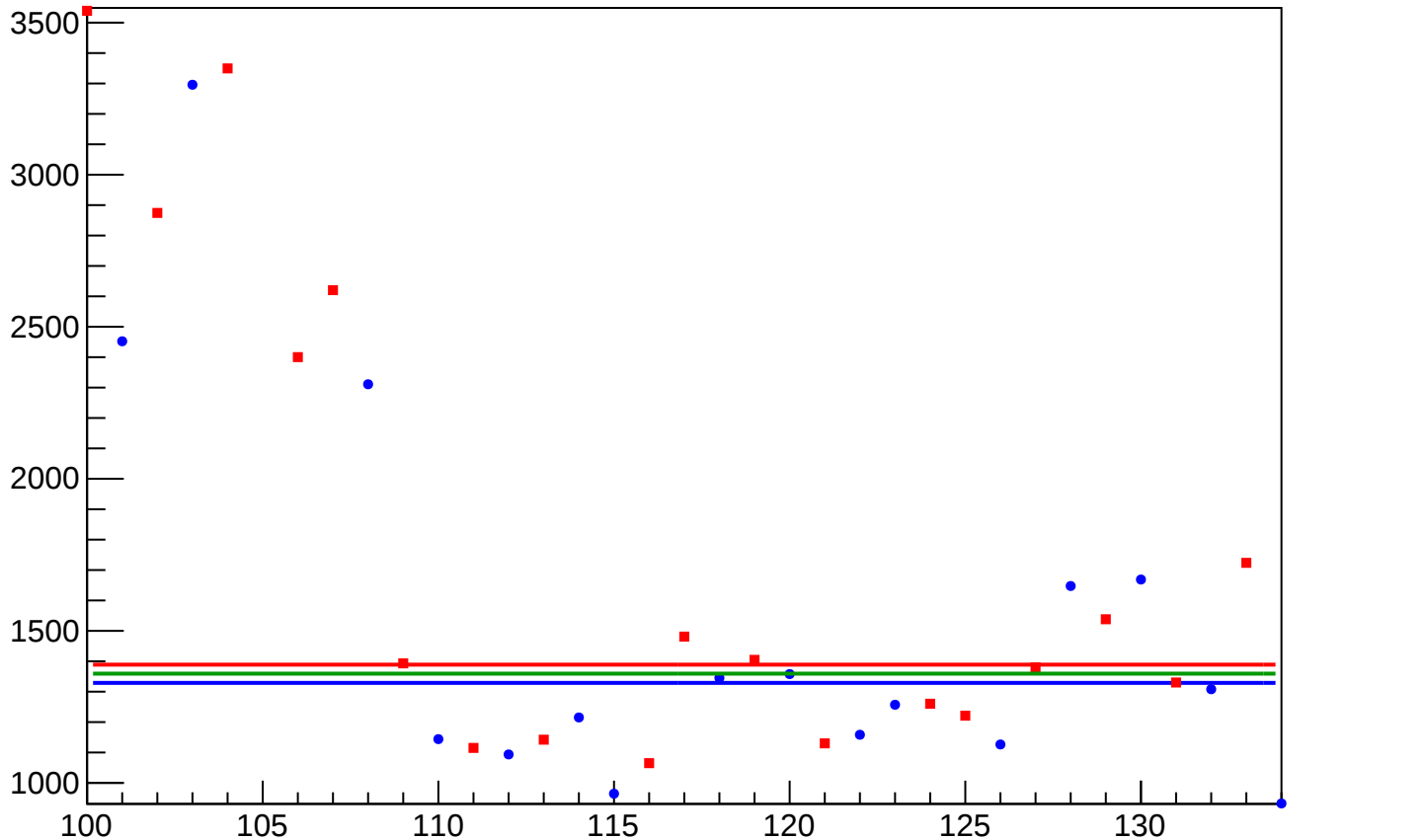
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.040 ± 0.583 χ^2/NDF : 18.4/15

0.584 ± 0.409 χ^2/NDF : 33.2/33

1.191 ± 0.575 χ^2/NDF : 12.5/17

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1328.907 $\pm$ 0.412 χ^2 /NDF: 1069295.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1388.875 $\pm$ 0.407 χ^2 /NDF: 1176317.3/17

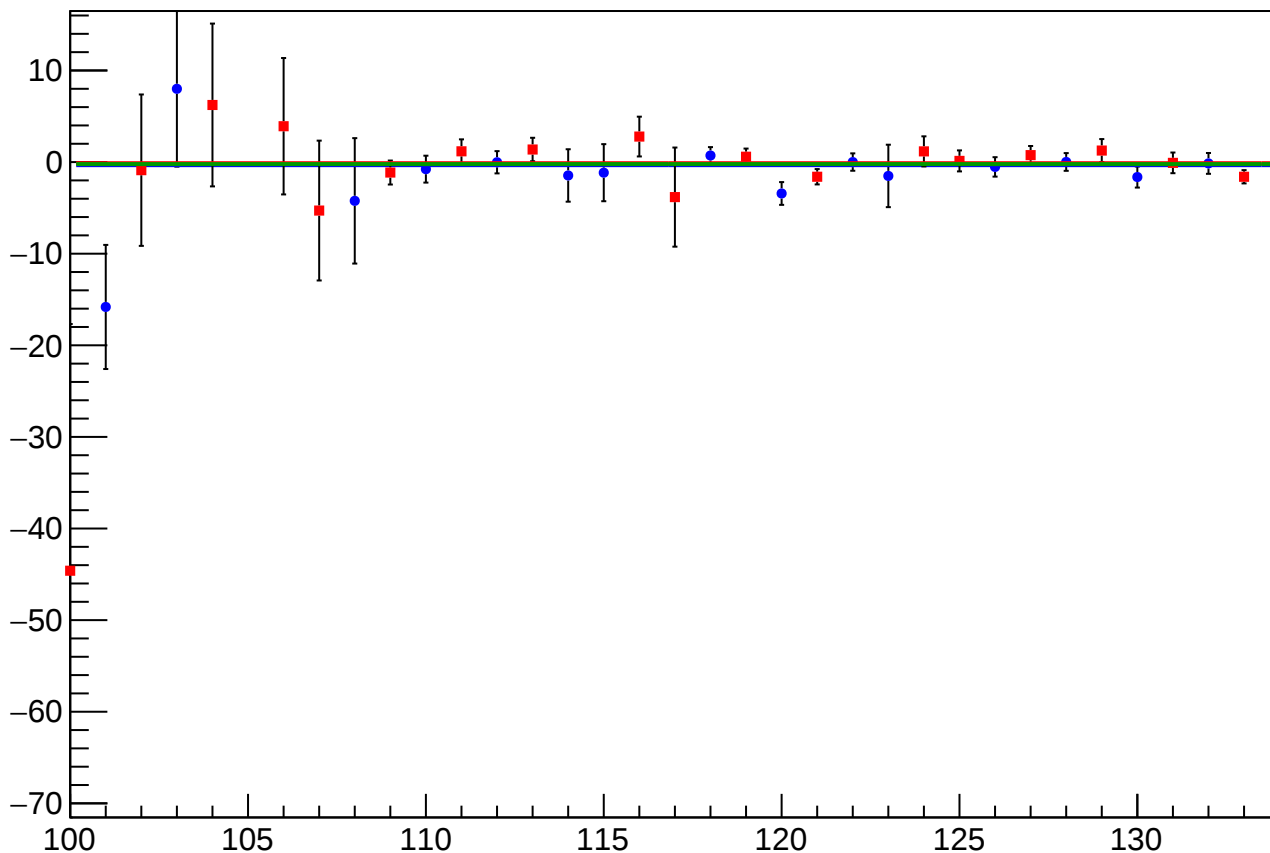
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1328.907 $\pm$ 0.412 χ^2 /NDF: 1069295.2/15

1359.287 $\pm$ 0.289 χ^2 /NDF: 2256347.3/33

1388.875 $\pm$ 0.407 χ^2 /NDF: 1176317.3/17

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.335+/-0.339 χ^2 /NDF: 19.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.122+/-0.312 χ^2 /NDF: 19.8/17

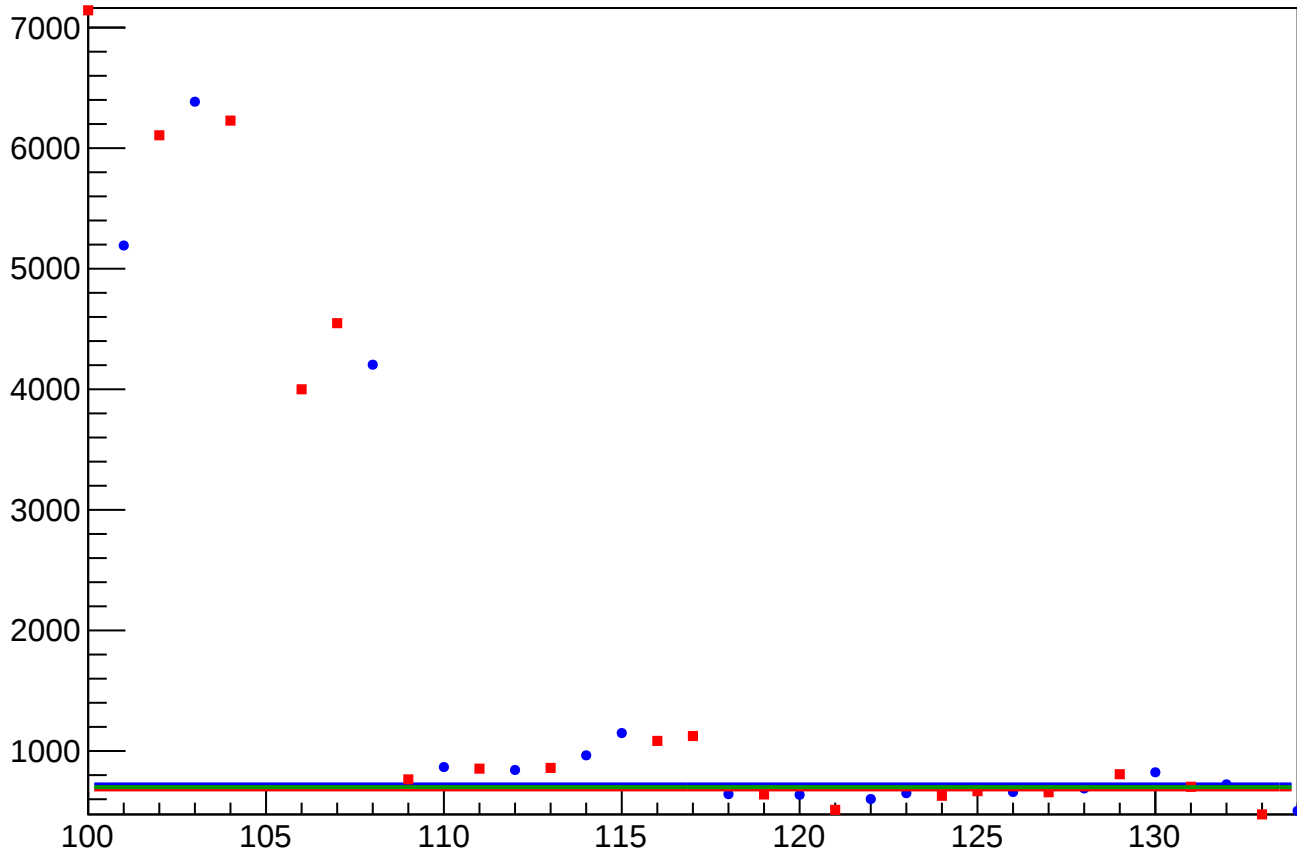
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.335+/-0.339 χ^2 /NDF: 19.6/15

-0.220+/-0.230 χ^2 /NDF: 39.6/33

-0.122+/-0.312 χ^2 /NDF: 19.8/17

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 722.761+/-0.240 χ^2/NDF : 2522423.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.350+/-0.221 χ^2/NDF : 3104883.6/17

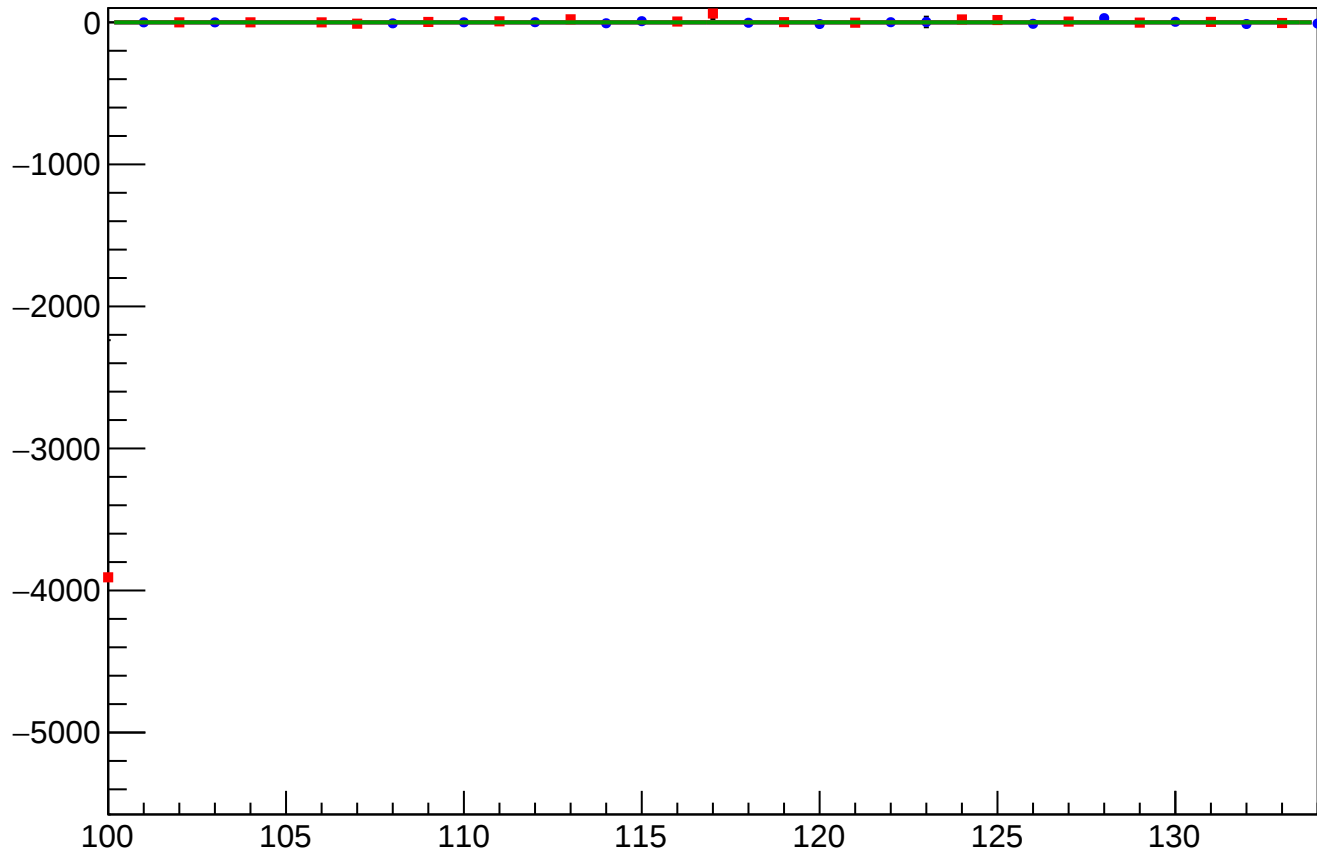
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

722.761+/-0.240 χ^2/NDF : 2522423.5/15

700.367+/-0.162 χ^2/NDF : 5643444.2/33

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: 9.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027+/-0.020 χ^2 /NDF: 19.6/17

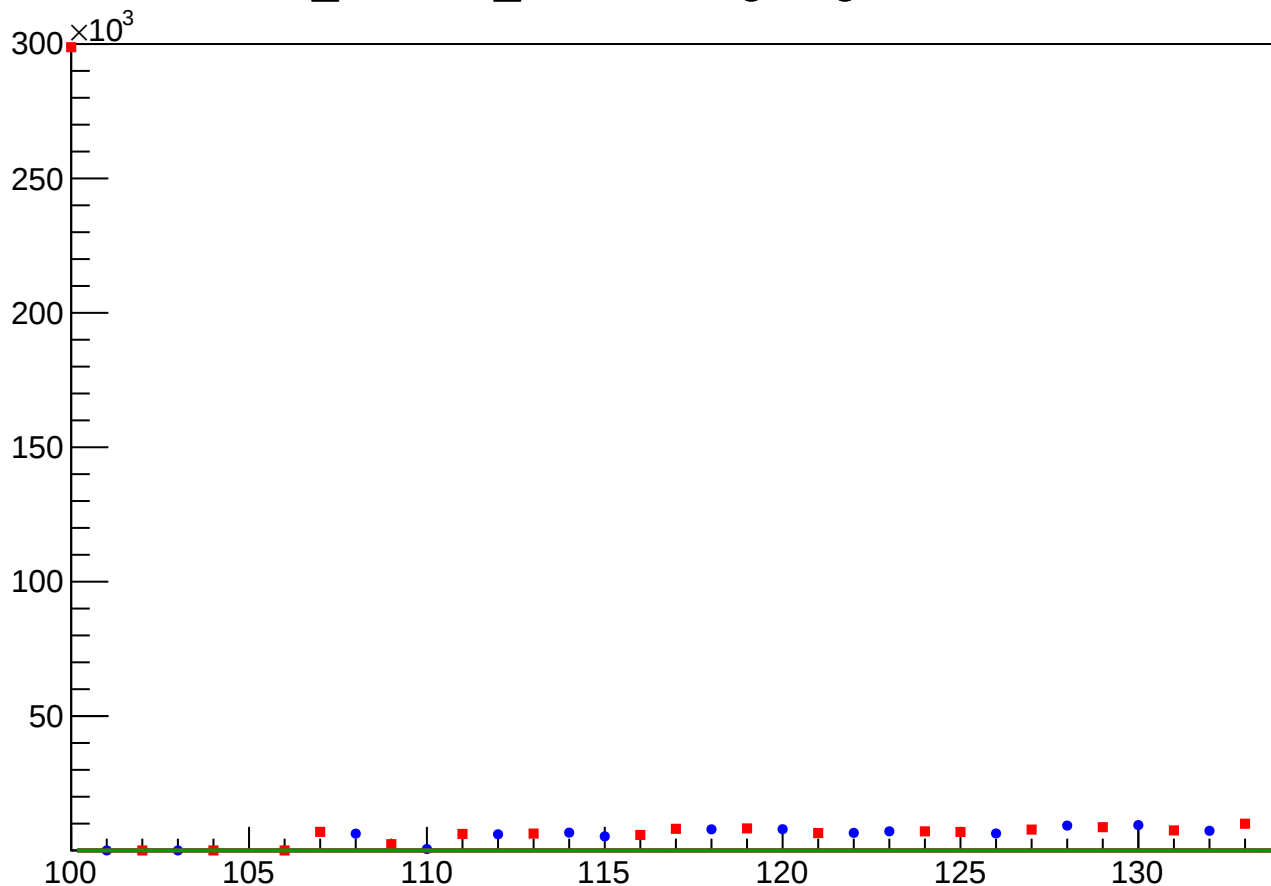
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.021+/-0.021 χ^2 /NDF: 9.3/15

0.004+/-0.014 χ^2 /NDF: 31.7/33

0.027+/-0.020 χ^2 /NDF: 19.6/17

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.259 $\pm$ 0.015 χ^2 /NDF: 8691659.1/15

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

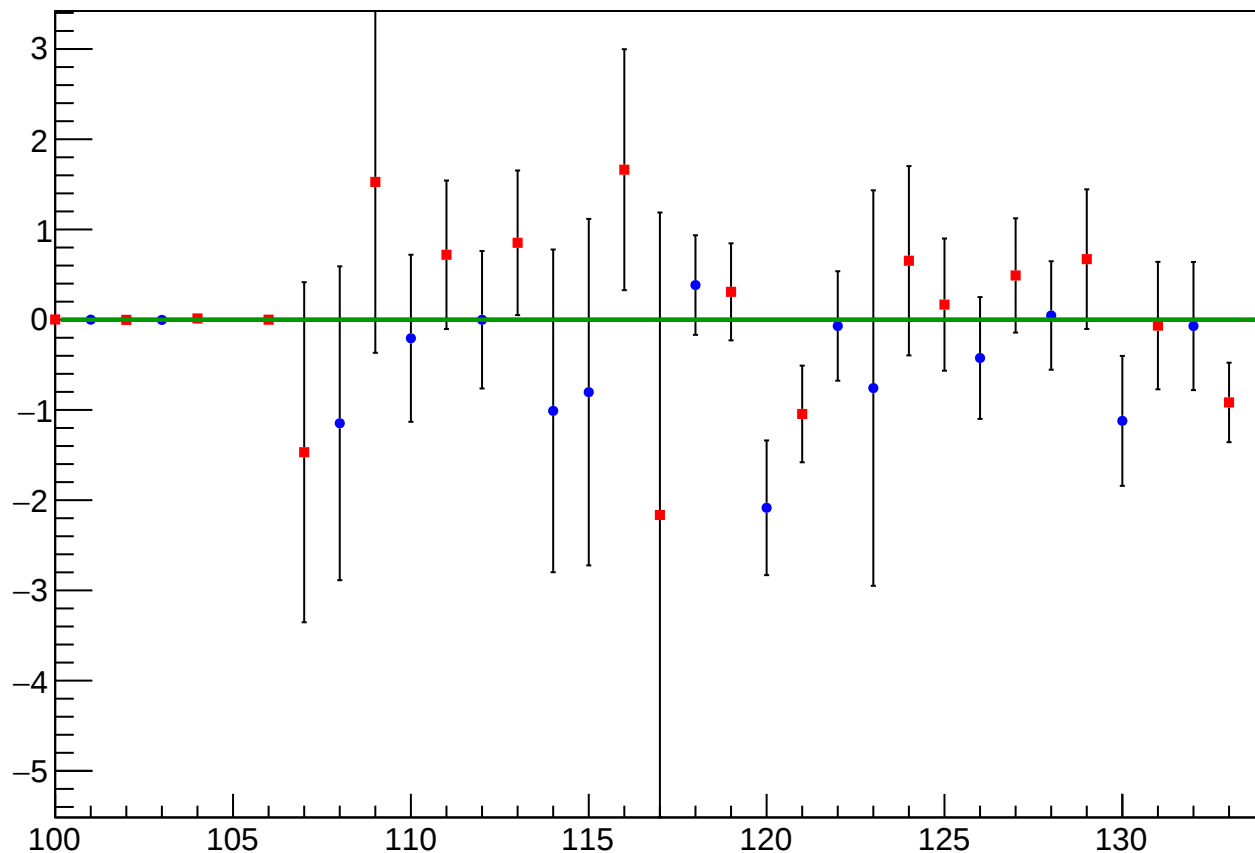
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.259 $\pm$ 0.015 χ^2 /NDF: 8691659.1/15

17.237 $\pm$ 0.010 χ^2 /NDF: 18282915.7/33

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: 14.9/15

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

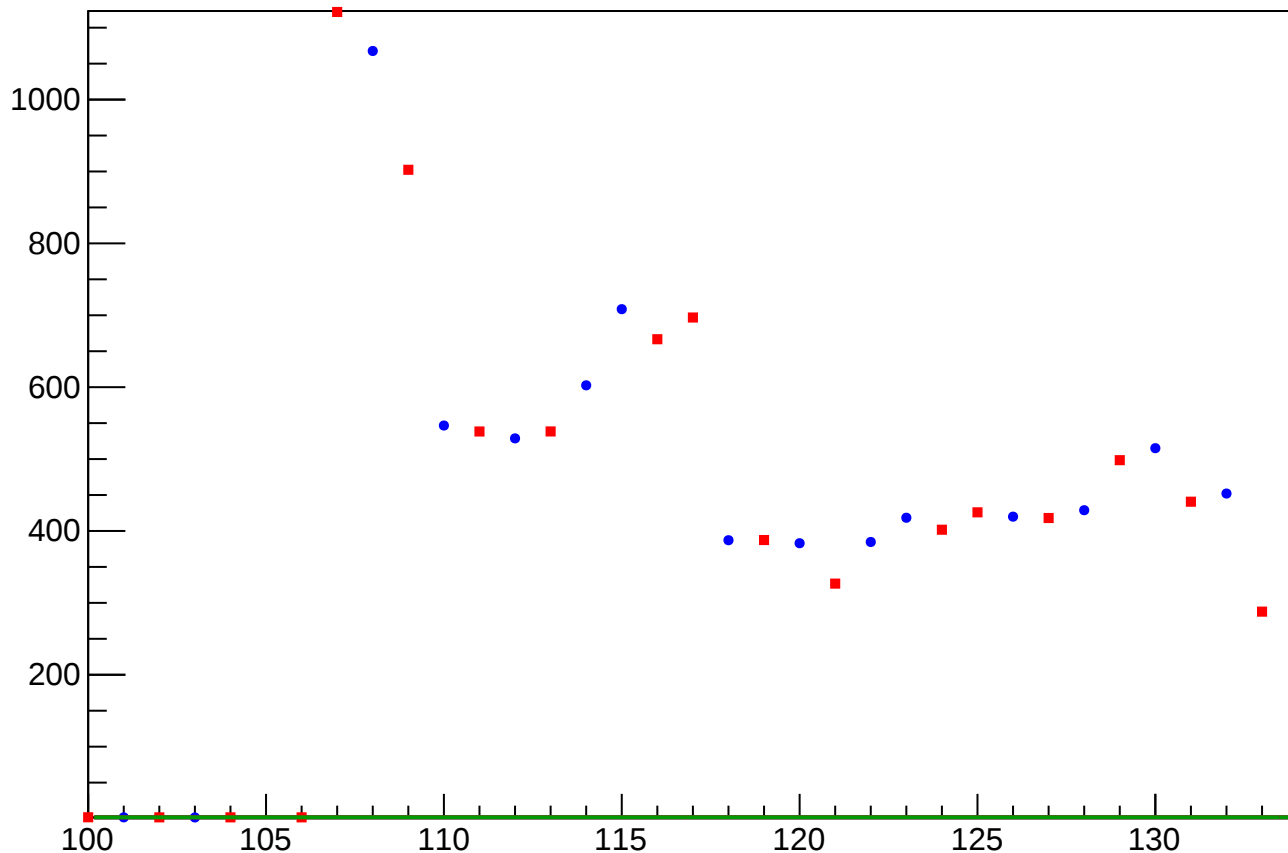
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 14.9/15

-0.000 $\pm$ 0.001 χ^2 /NDF: 31.4/33

-0.001 $\pm$ 0.002 χ^2 /NDF: 16.4/17

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.686+/-0.001 χ^2/NDF : 9242878.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.719+/-0.001 χ^2/NDF : 9522091.6/17

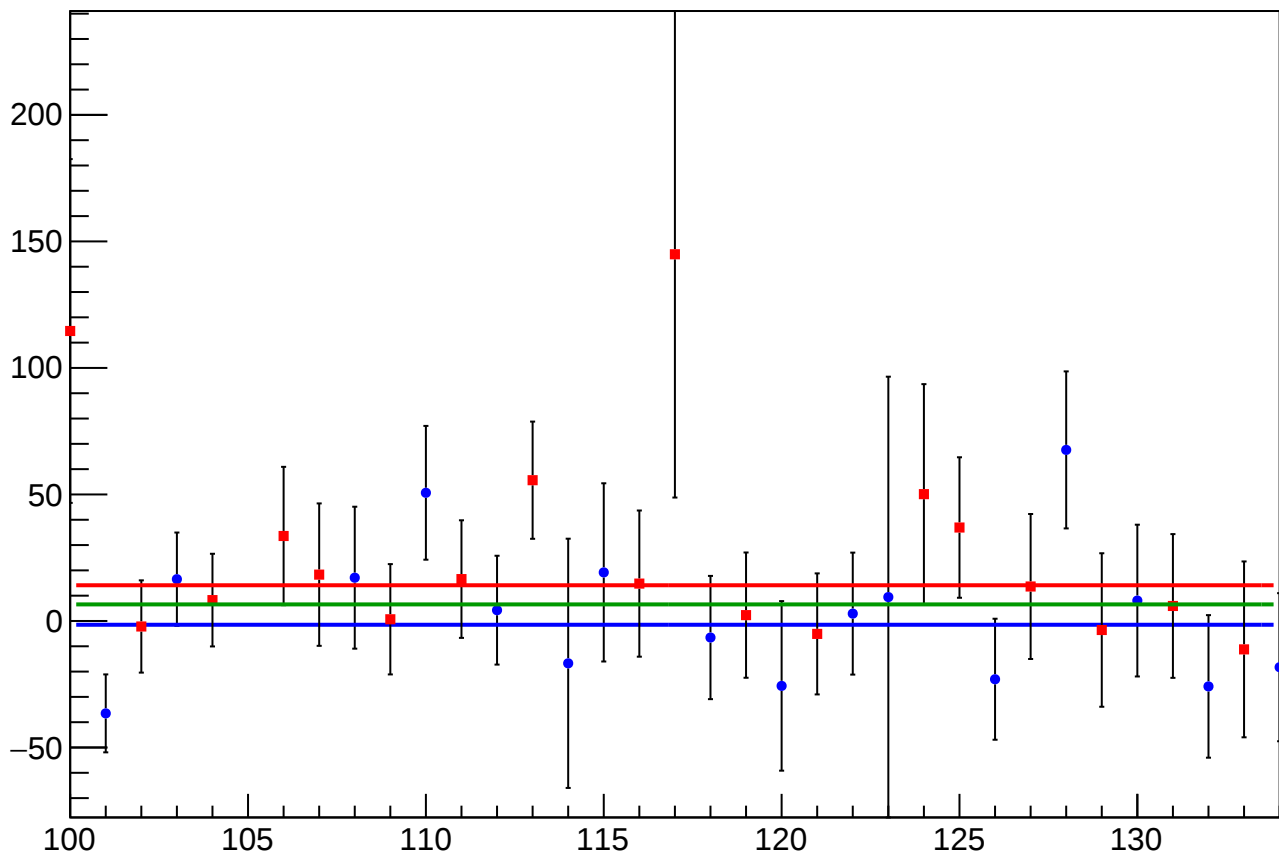
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.686+/-0.001 χ^2/NDF : 9242878.1/15

1.703+/-0.001 χ^2/NDF : 18765255.7/33

1.719+/-0.001 χ^2/NDF : 9522091.6/17

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.494+/-6.455 χ^2 /NDF: 18.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 14.117+/-6.260 χ^2 /NDF: 12.3/17

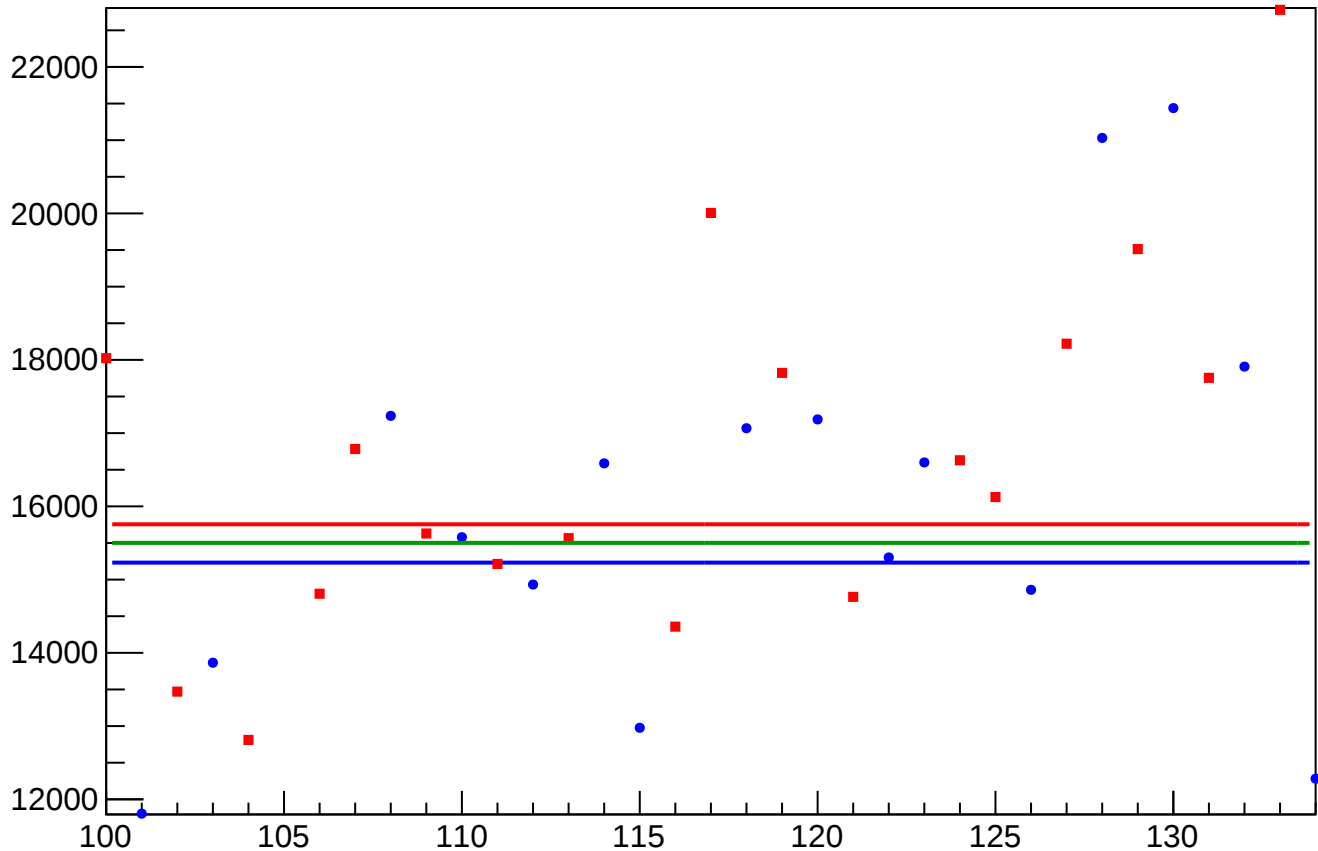
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.494+/-6.455 χ^2 /NDF: 18.5/15

6.551+/-4.494 χ^2 /NDF: 33.8/33

14.117+/-6.260 χ^2 /NDF: 12.3/17

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15232.053+/-4.564 χ^2/NDF : 343744.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15755.252+/-4.426 χ^2/NDF : 256025.5/17

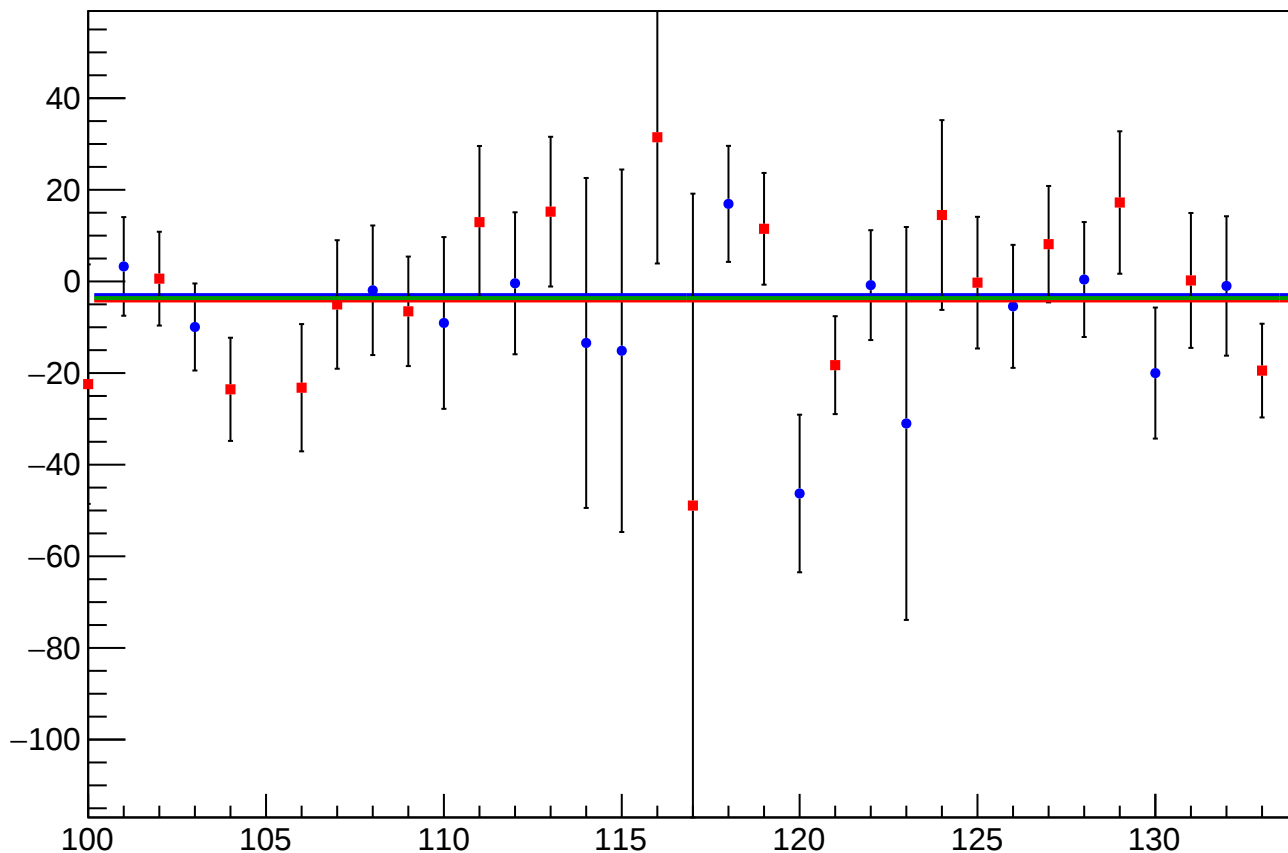
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15232.053+/-4.564 χ^2/NDF : 343744.8/15

15501.667+/-3.178 χ^2/NDF : 606541.6/33

15755.252+/-4.426 χ^2/NDF : 256025.5/17

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -2.987+/-3.643 χ^2 /NDF: 16.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.154+/-3.293 χ^2 /NDF: 19.6/17

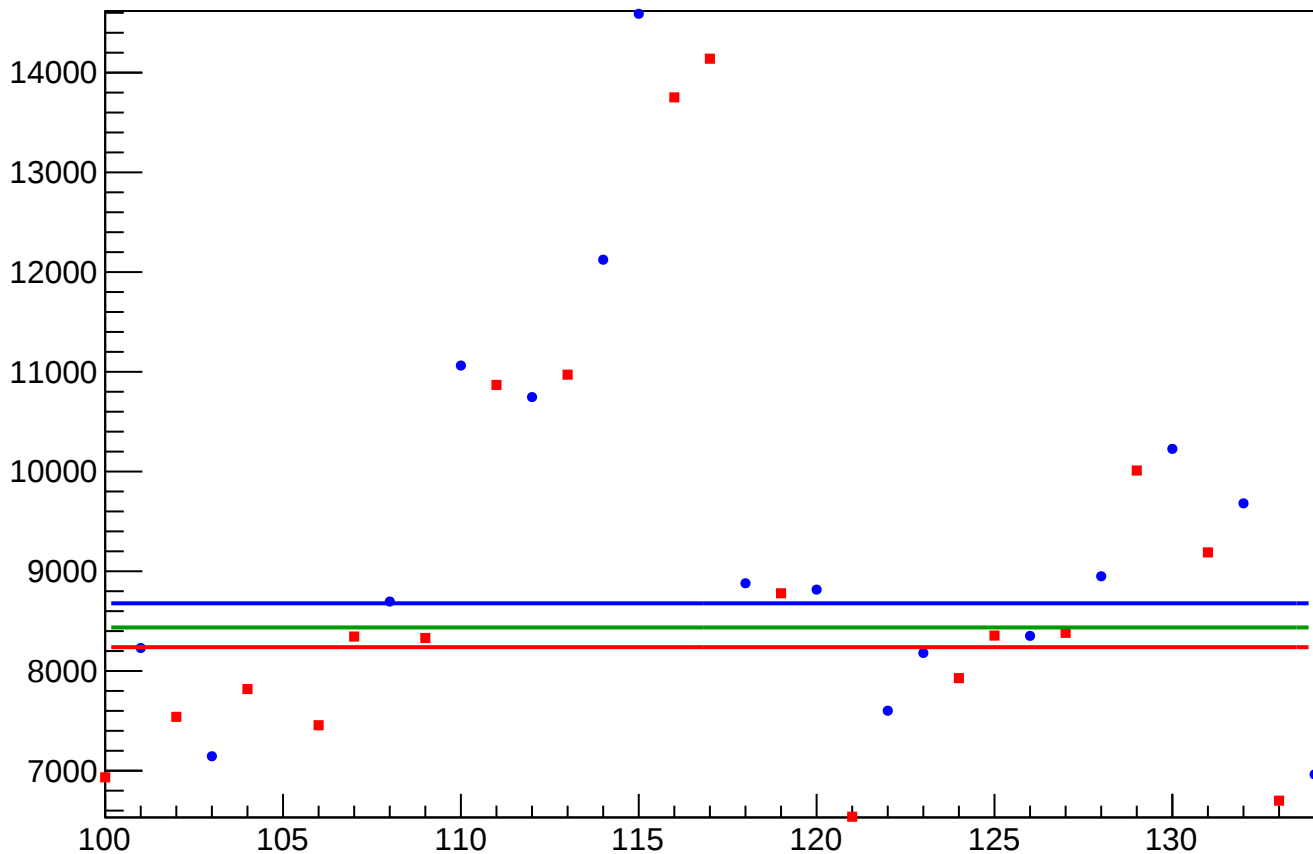
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.987+/-3.643 χ^2 /NDF: 16.2/15

-3.629+/-2.443 χ^2 /NDF: 35.8/33

-4.154+/-3.293 χ^2 /NDF: 19.6/17

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8678.772+/-2.576 χ^2/NDF : 261217.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8238.808+/-2.329 χ^2/NDF : 359678.2/17

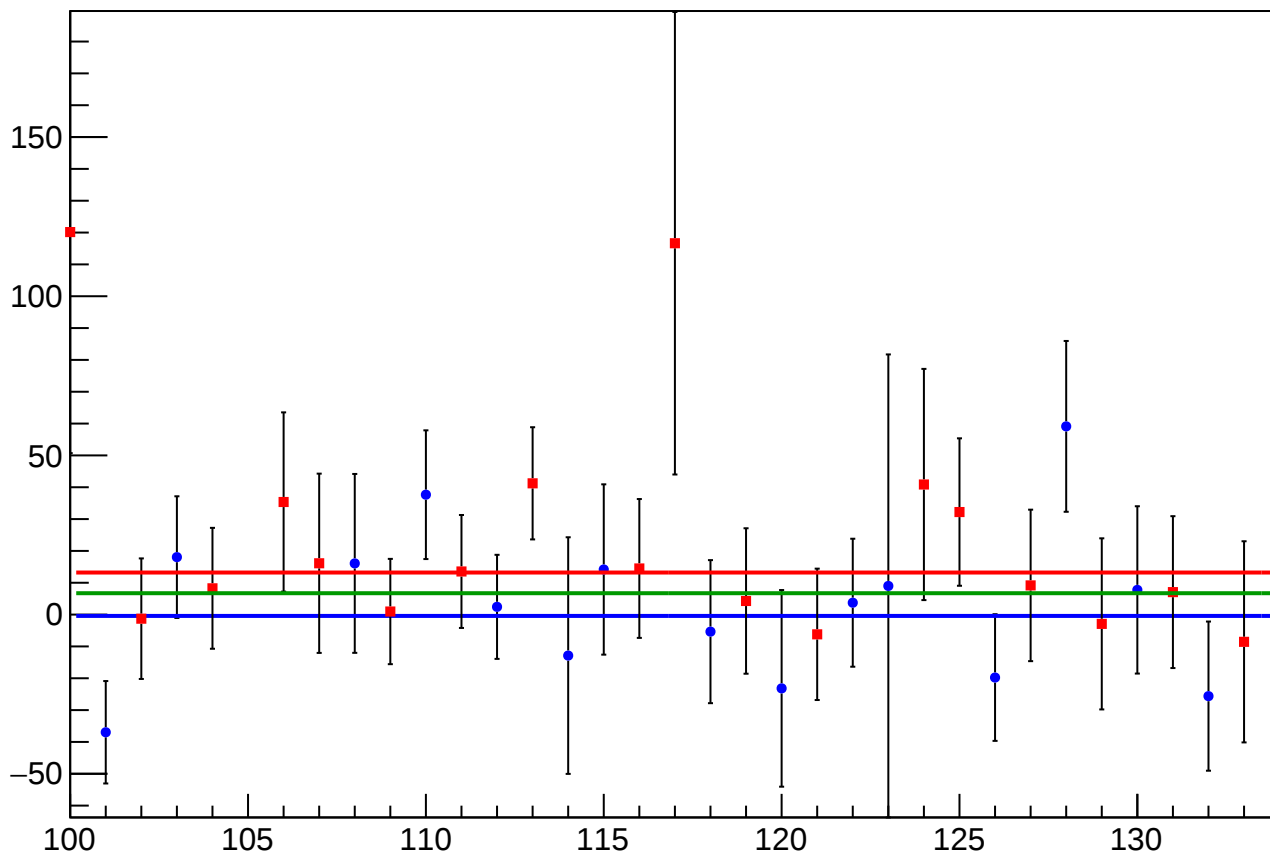
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8678.772+/-2.576 χ^2/NDF : 261217.5/15

8436.634+/-1.728 χ^2/NDF : 636946.4/33

8238.808+/-2.329 χ^2/NDF : 359678.2/17

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.418 ± 5.732 χ^2/NDF : 18.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.211 ± 5.469 χ^2/NDF : 12.0/17

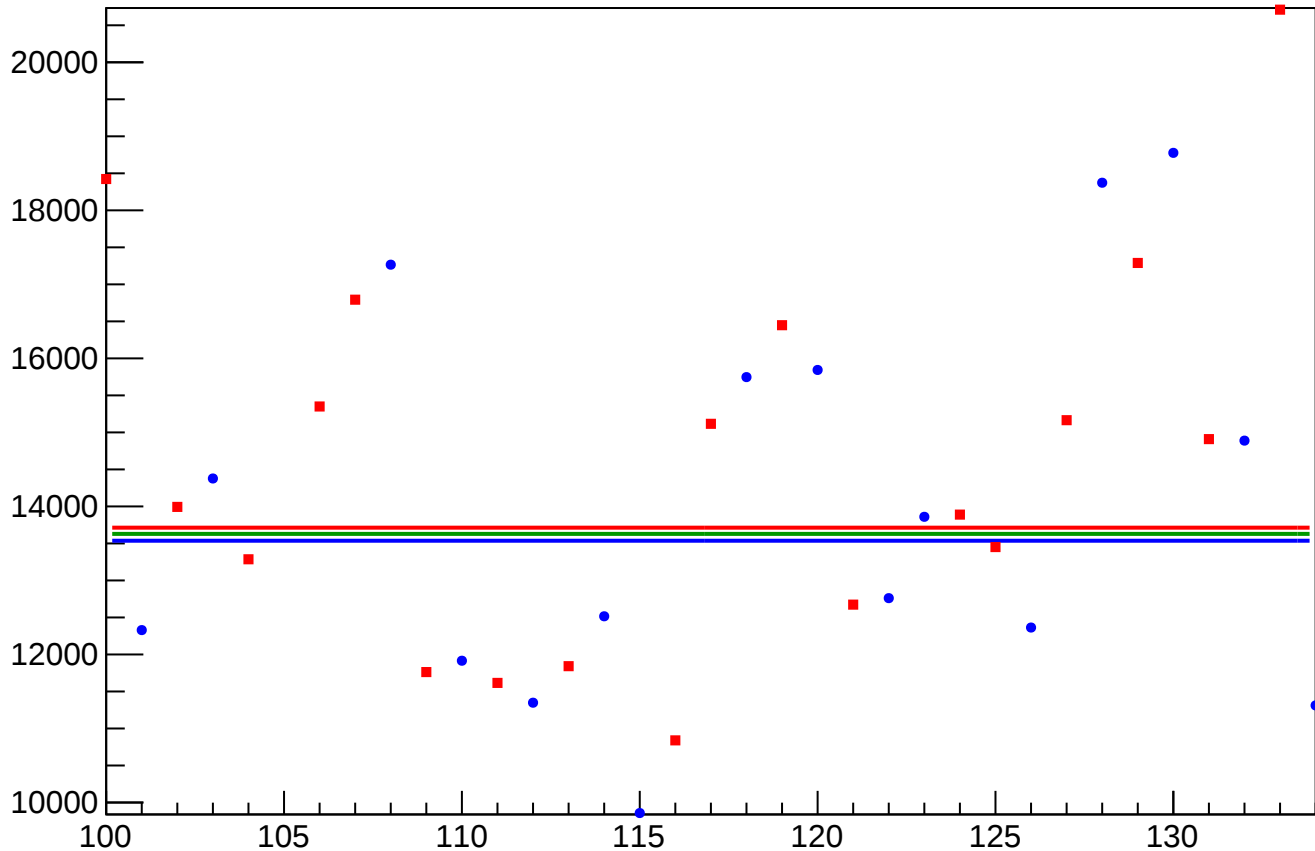
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.418 ± 5.732 χ^2/NDF : 18.6/15

6.717 ± 3.957 χ^2/NDF : 33.6/33

13.211 ± 5.469 χ^2/NDF : 12.0/17

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13536.586+/-4.053 χ^2/NDF : 343765.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13713.094+/-3.867 χ^2/NDF : 335237.6/17

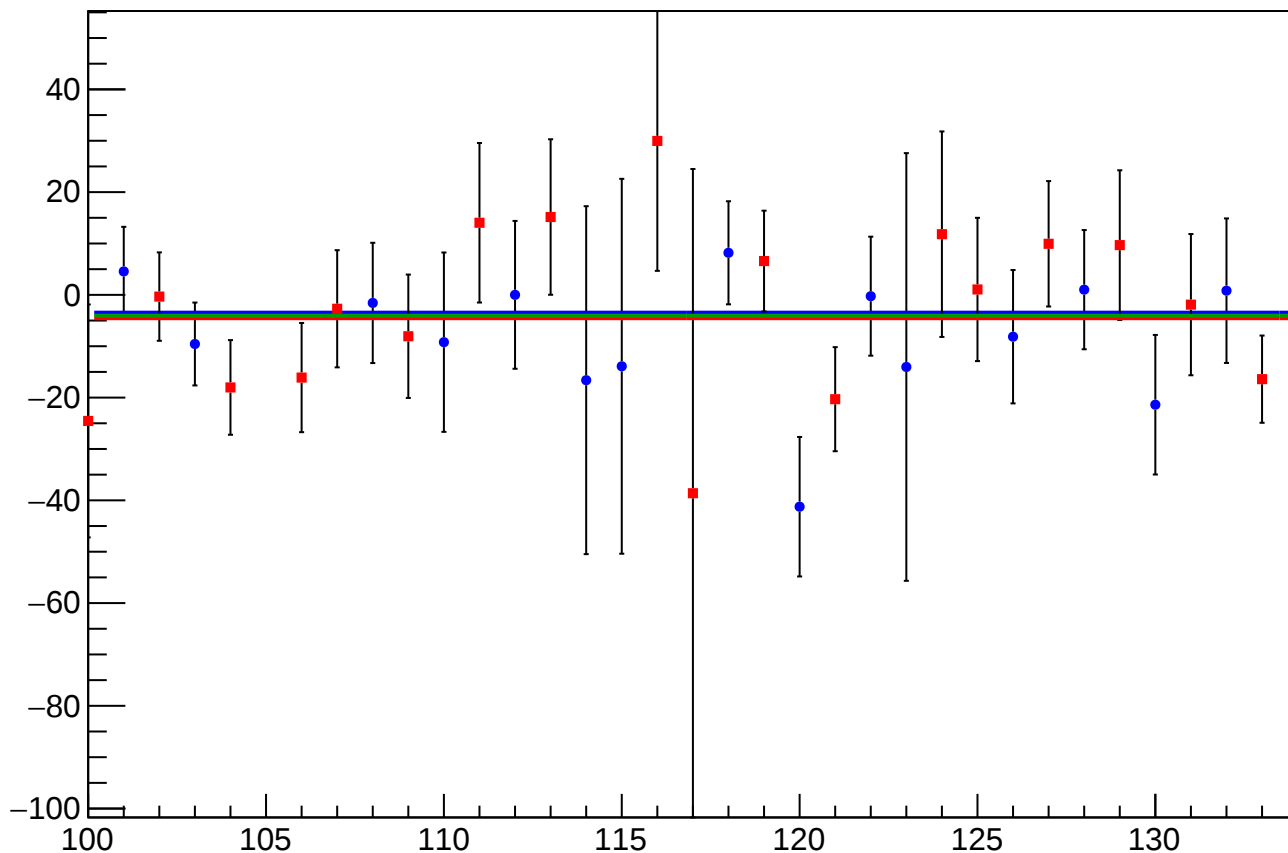
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13536.586+/-4.053 χ^2/NDF : 343765.9/15

13628.982+/-2.798 χ^2/NDF : 679996.4/33

13713.094+/-3.867 χ^2/NDF : 335237.6/17

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.466+/-3.193 χ^2/NDF : 16.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.541+/-2.894 χ^2/NDF : 18.6/17

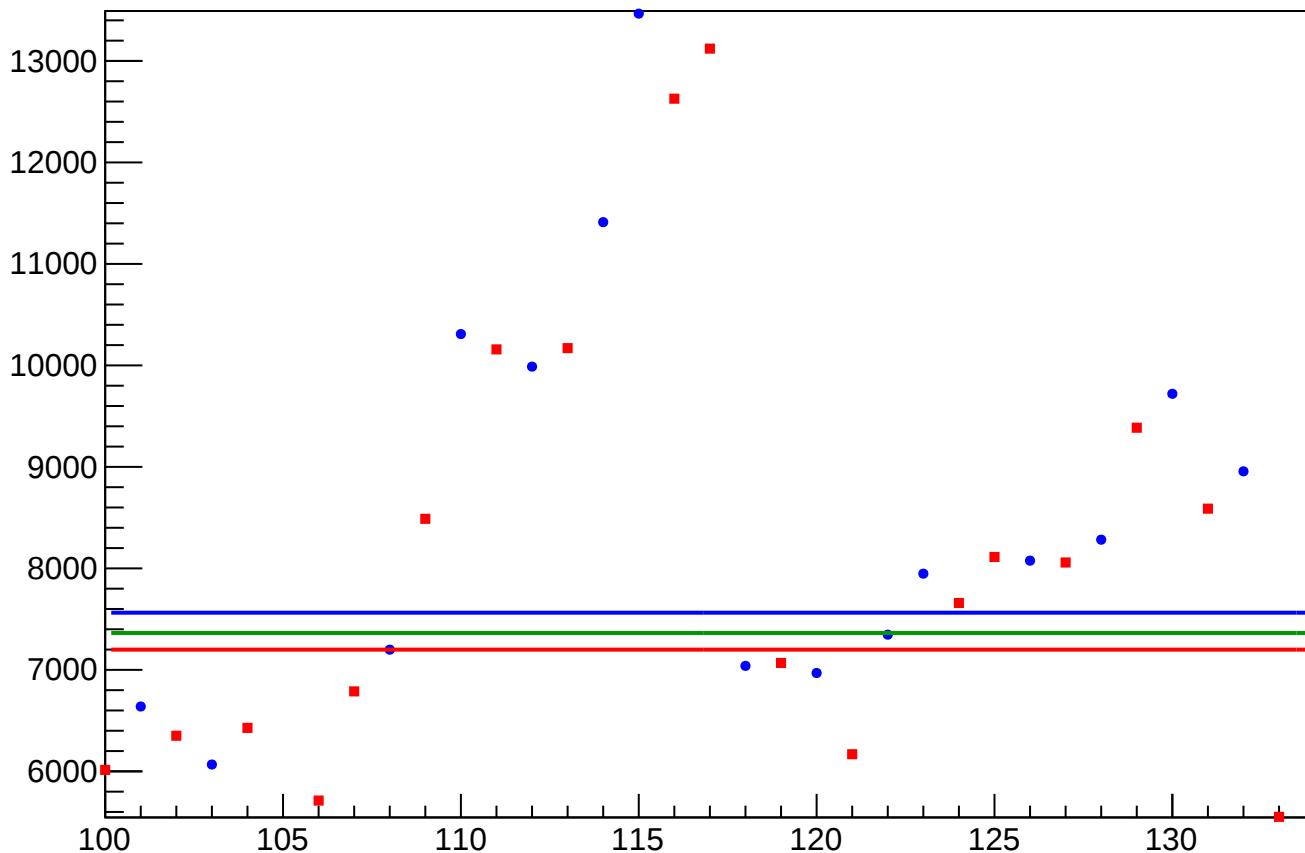
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.466+/-3.193 χ^2/NDF : 16.8/15

-4.056+/-2.144 χ^2/NDF : 35.4/33

-4.541+/-2.894 χ^2/NDF : 18.6/17

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7563.353+/-2.258 χ^2/NDF : 392806.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7199.301+/-2.046 χ^2/NDF : 544456.3/17

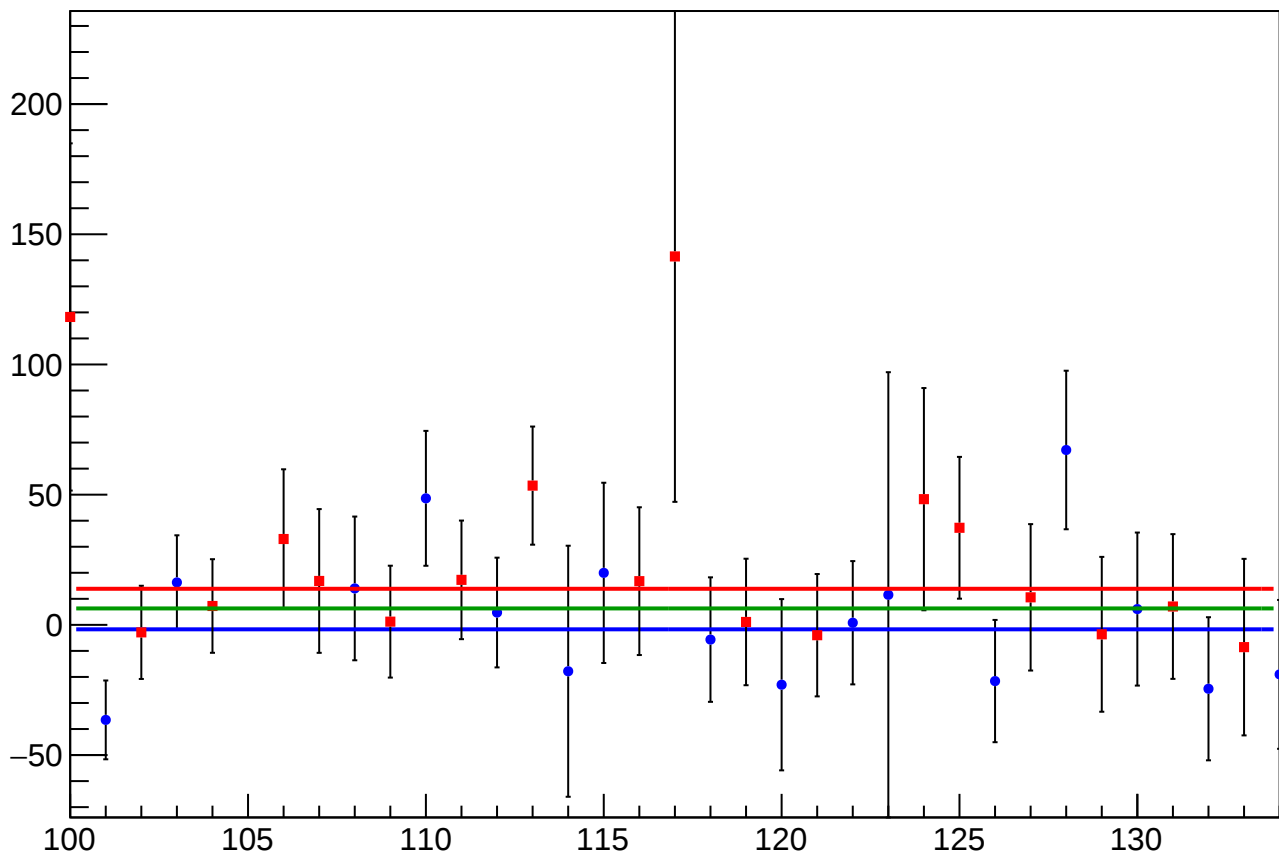
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7563.353+/-2.258 χ^2/NDF : 392806.6/15

7363.475+/-1.516 χ^2/NDF : 951533.9/33

7199.301+/-2.046 χ^2/NDF : 544456.3/17

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.713 ± 6.333 χ^2/NDF : 18.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.857 ± 6.142 χ^2/NDF : 12.3/17

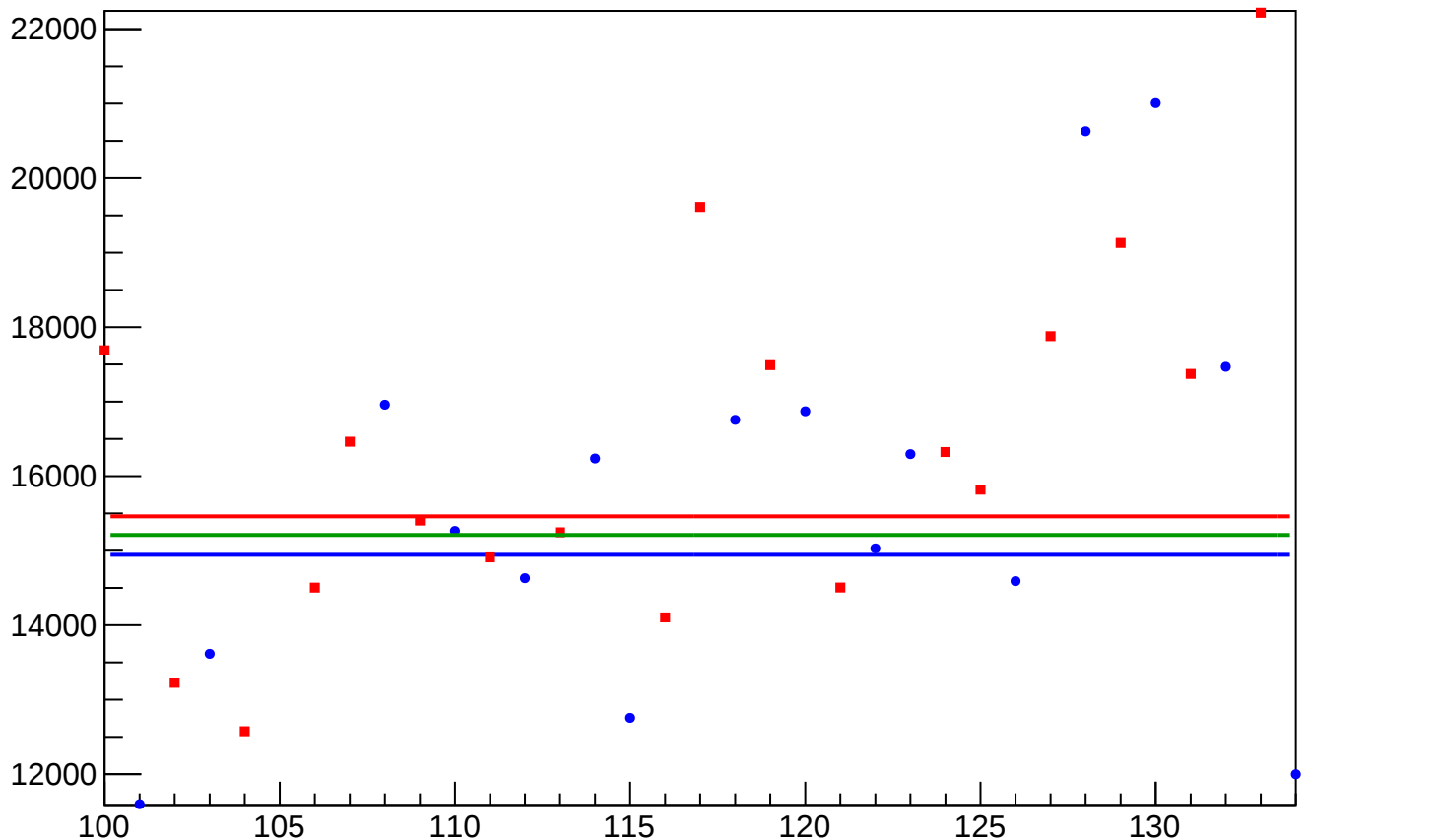
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.713 ± 6.333 χ^2/NDF : 18.4/15

6.309 ± 4.409 χ^2/NDF : 33.9/33

13.857 ± 6.142 χ^2/NDF : 12.3/17

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14944.682 $\pm$ 4.478 χ^2 /NDF: 341810.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15460.587 $\pm$ 4.343 χ^2 /NDF: 252649.6/17

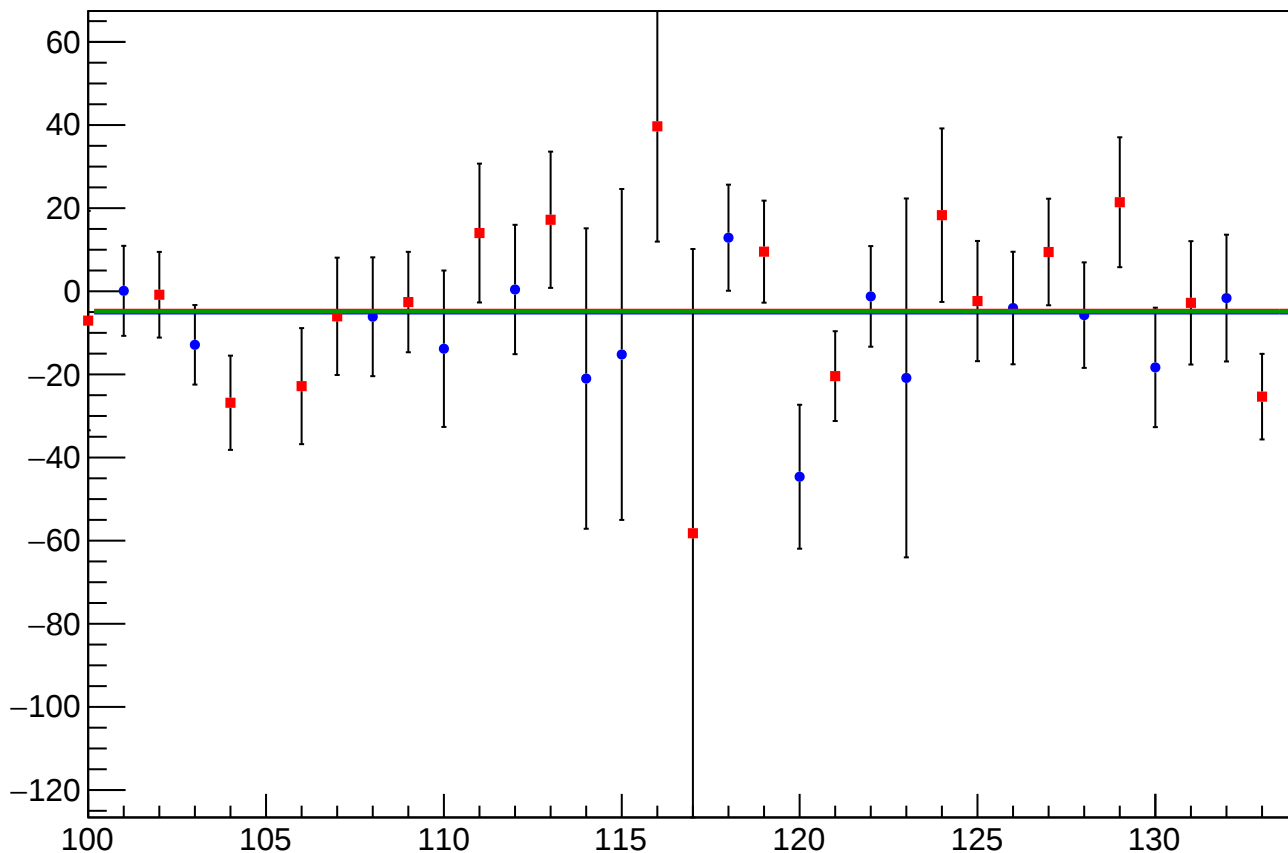
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14944.682 $\pm$ 4.478 χ^2 /NDF: 341810.3/15

15210.508 $\pm$ 3.118 χ^2 /NDF: 601299.8/33

15460.587 $\pm$ 4.343 χ^2 /NDF: 252649.6/17

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.097 $\pm$ 3.670 χ^2 /NDF: 13.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.681 $\pm$ 3.318 χ^2 /NDF: 24.6/17

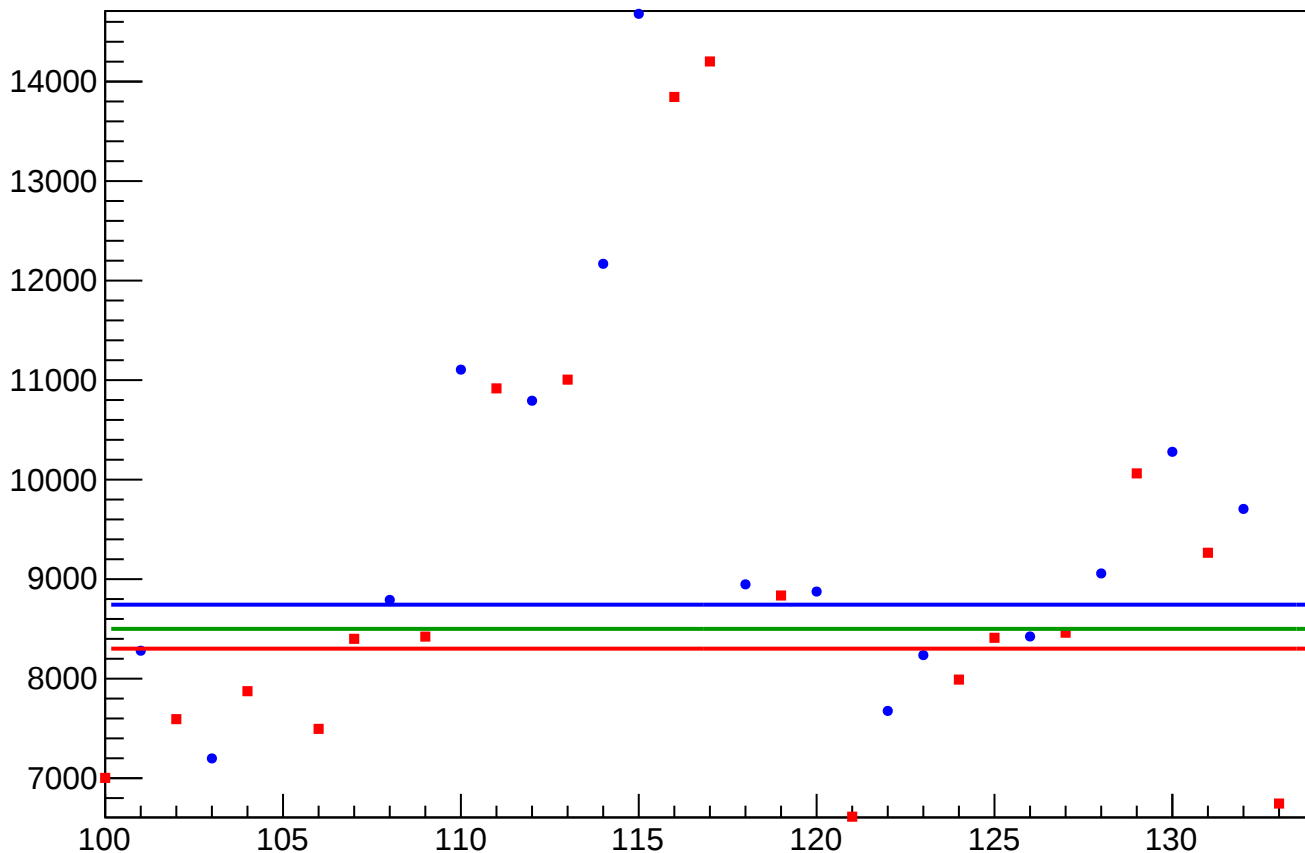
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-5.097 $\pm$ 3.670 χ^2 /NDF: 13.3/15

-4.868 $\pm$ 2.461 χ^2 /NDF: 37.9/33

-4.681 $\pm$ 3.318 χ^2 /NDF: 24.6/17

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8743.494+/-2.595 χ^2/NDF : 257800.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8301.695+/-2.346 χ^2/NDF : 355298.4/17

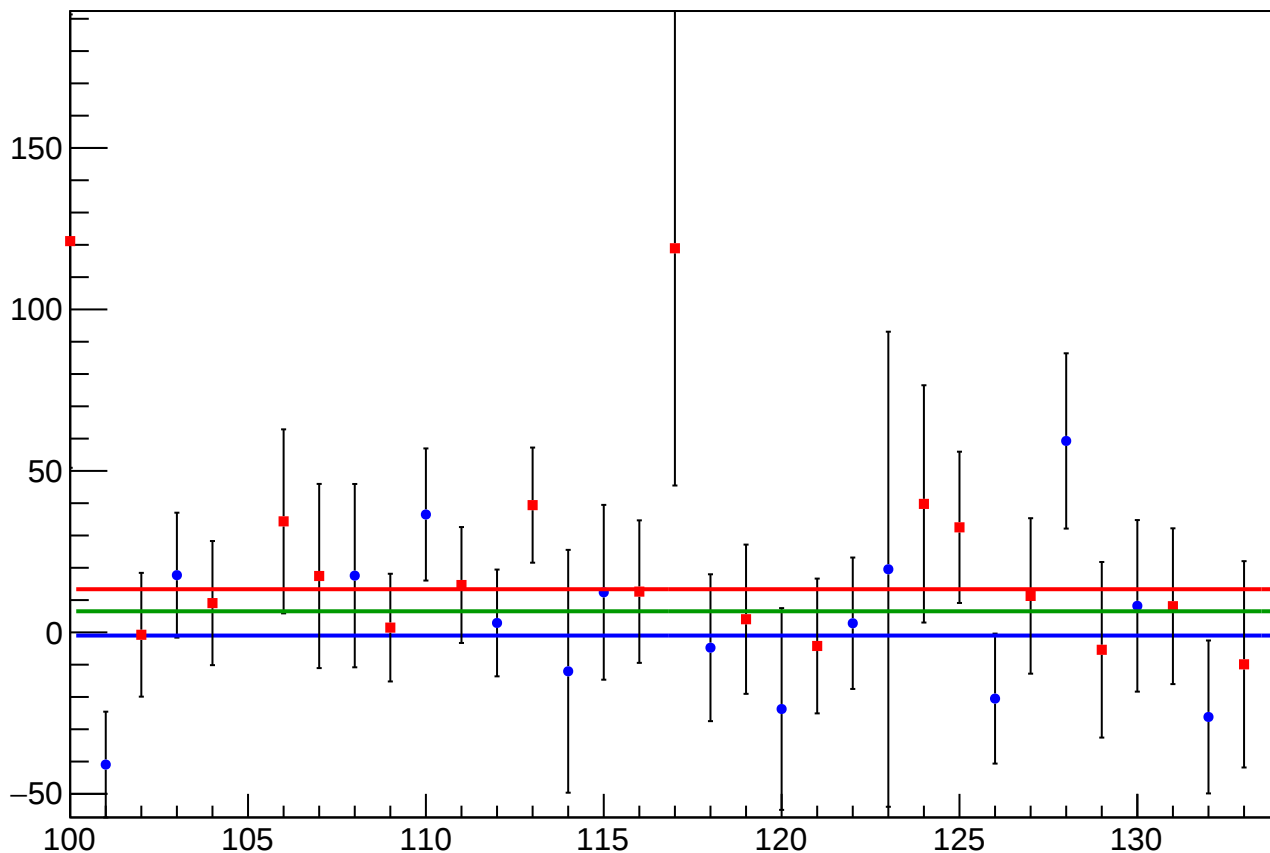
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8743.494+/-2.595 χ^2/NDF : 257800.7/15

8500.373+/-1.740 χ^2/NDF : 629049.2/33

8301.695+/-2.346 χ^2/NDF : 355298.4/17

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.983 ± 5.802 $\chi^2/\text{NDF}: 19.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.364 ± 5.531 $\chi^2/\text{NDF}: 11.3/17$

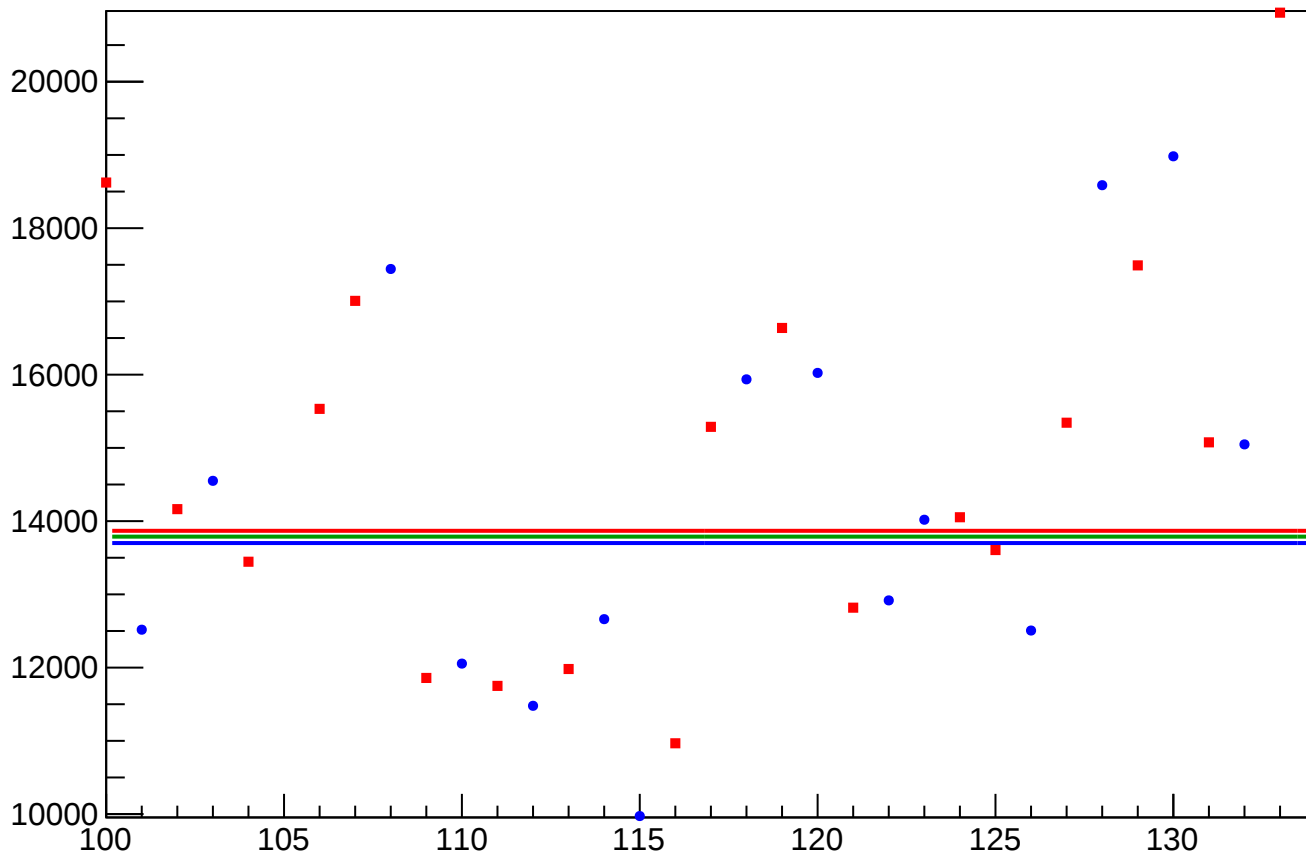
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.983 ± 5.802 $\chi^2/\text{NDF}: 19.2/15$

6.534 ± 4.003 $\chi^2/\text{NDF}: 33.8/33$

13.364 ± 5.531 $\chi^2/\text{NDF}: 11.3/17$

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13700.757+/-4.103 χ^2 /NDF: 342230.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 13867.926+/-3.911 χ^2 /NDF: 336567.1/17

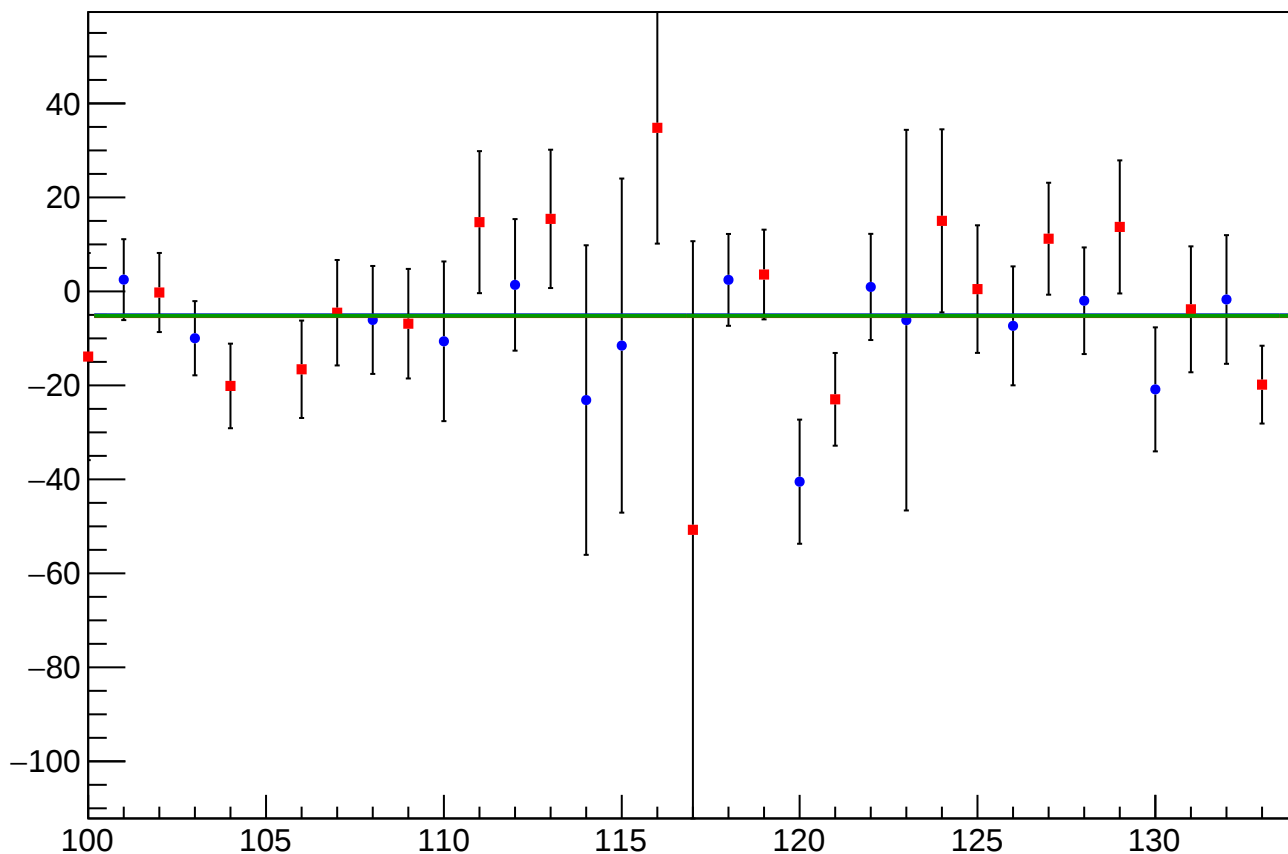
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

13700.757+/-4.103 χ^2 /NDF: 342230.3/15

13788.347+/-2.831 χ^2 /NDF: 679667.3/33

13867.926+/-3.911 χ^2 /NDF: 336567.1/17

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.101 ± 3.122 χ^2/NDF : 14.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.249 ± 2.822 χ^2/NDF : 23.5/17

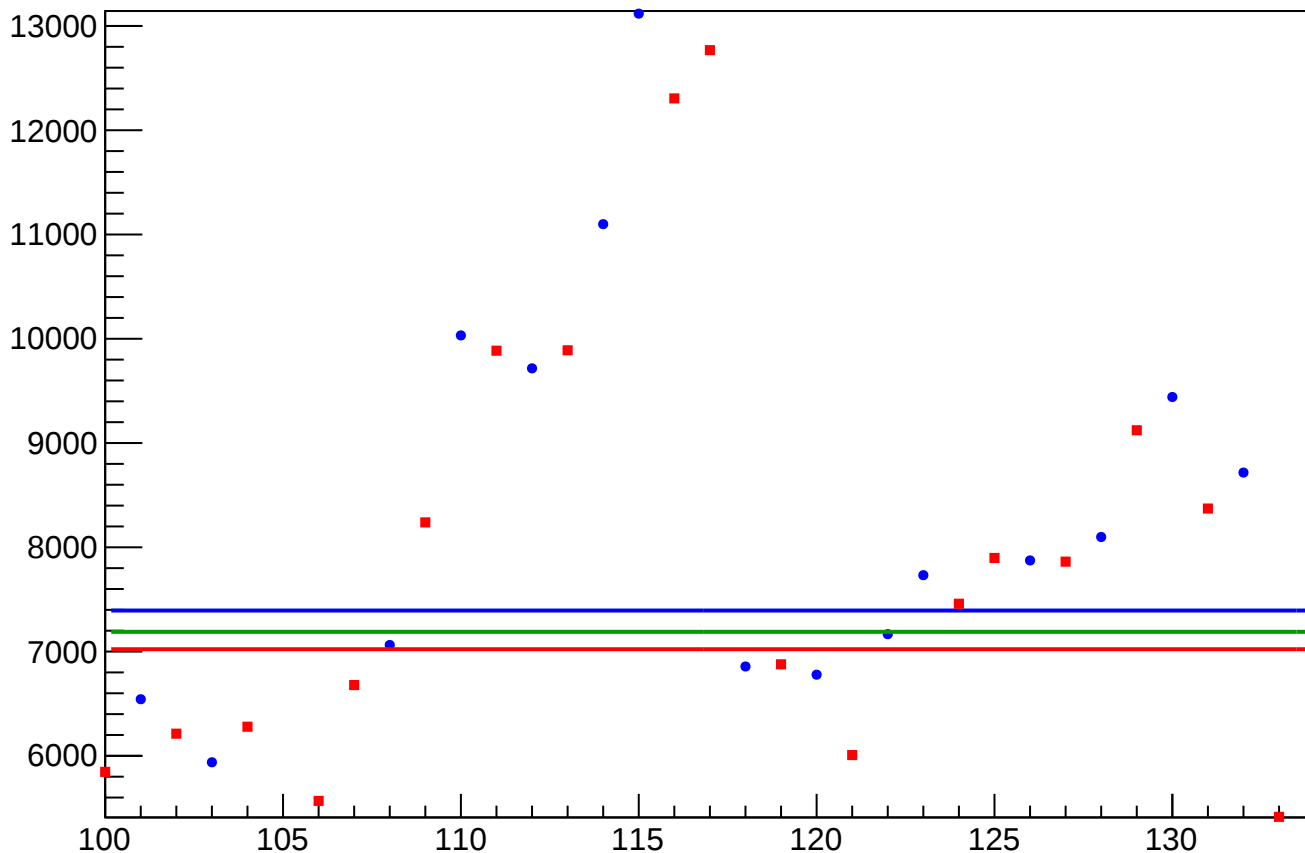
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.101 ± 3.122 χ^2/NDF : 14.6/15

-5.182 ± 2.094 χ^2/NDF : 38.1/33

-5.249 ± 2.822 χ^2/NDF : 23.5/17

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7393.578+/-2.208 χ^2/NDF : 383010.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7022.437+/-1.996 χ^2/NDF : 538552.8/17

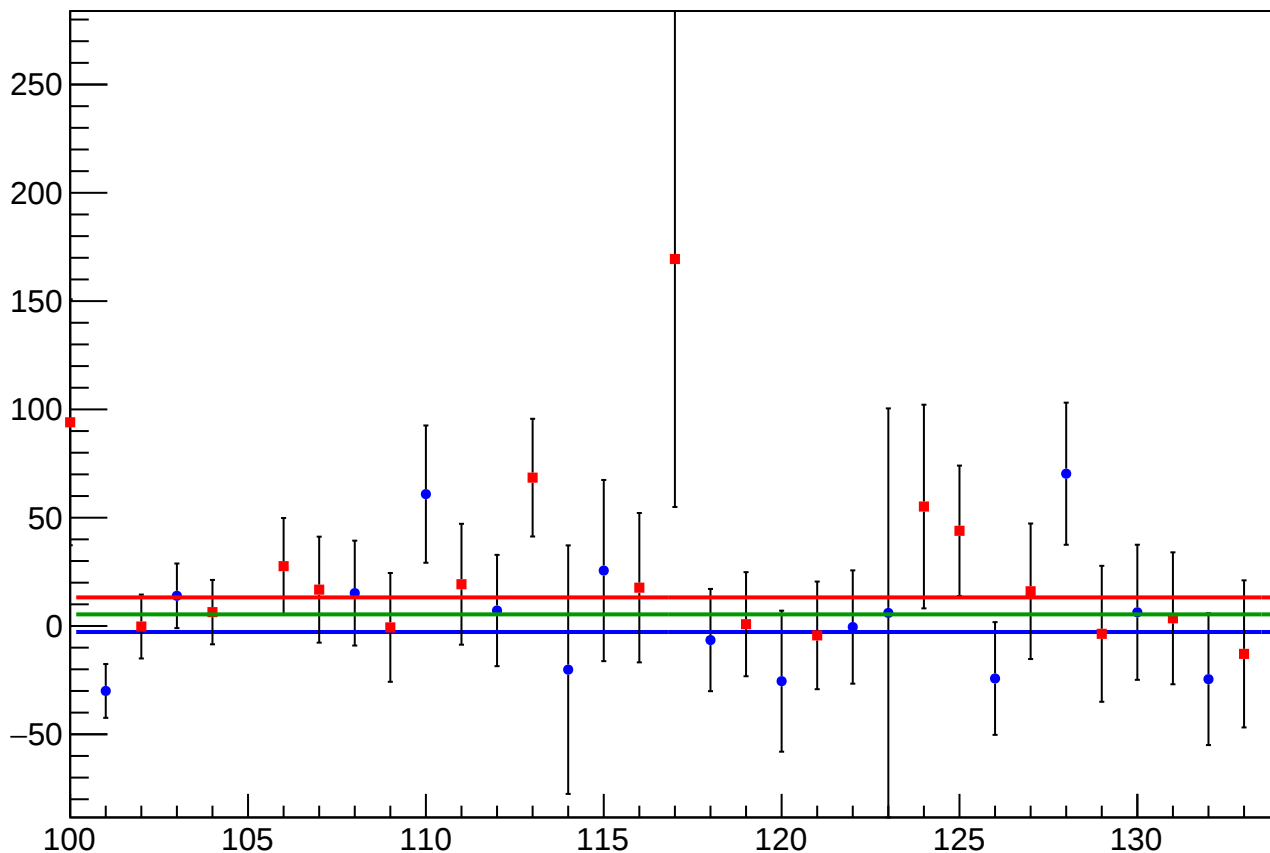
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7393.578+/-2.208 χ^2/NDF : 383010.4/15

7189.335+/-1.481 χ^2/NDF : 937114.8/33

7022.437+/-1.996 χ^2/NDF : 538552.8/17

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.779 ± 6.186 $\chi^2/\text{NDF}: 18.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.197 ± 6.068 $\chi^2/\text{NDF}: 13.5/17$

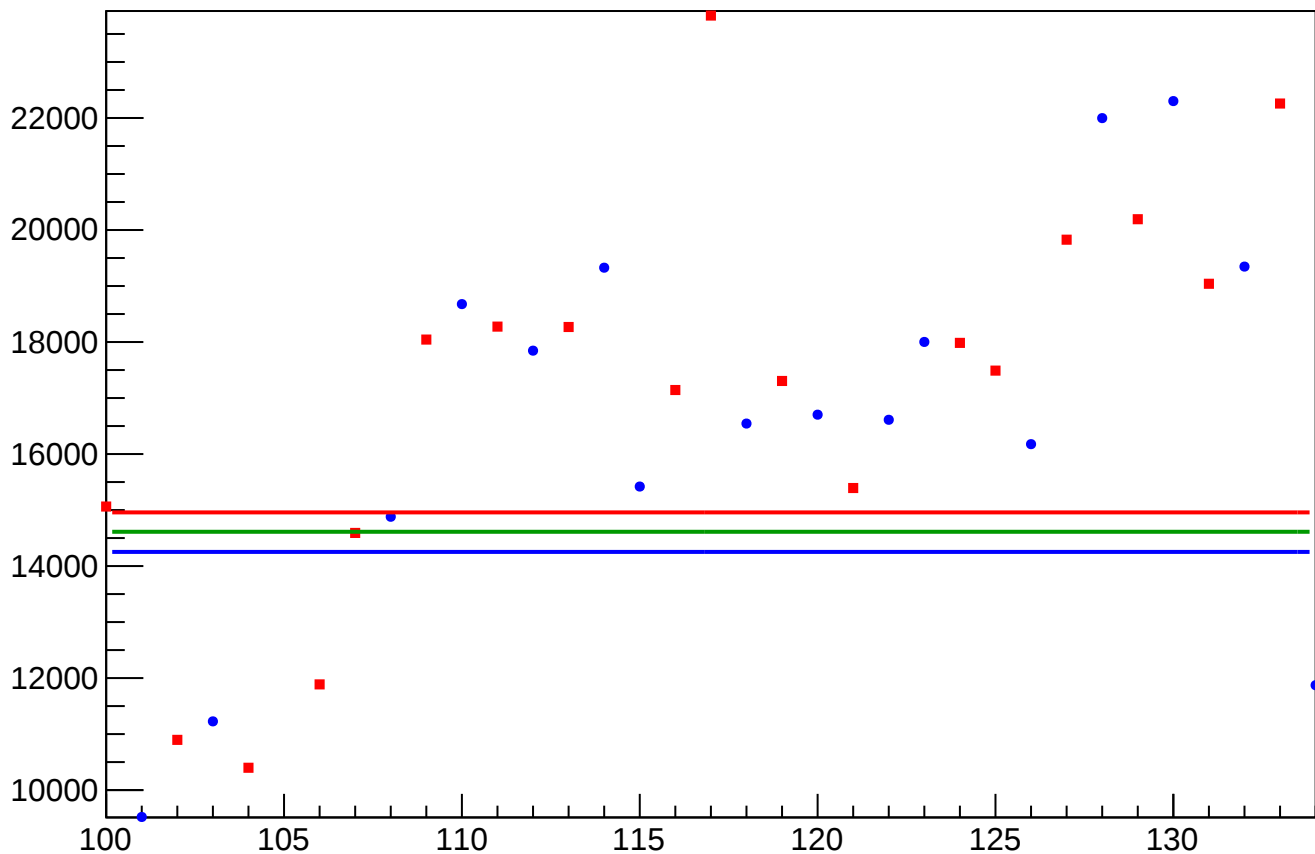
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.779 ± 6.186 $\chi^2/\text{NDF}: 18.3/15$

5.362 ± 4.332 $\chi^2/\text{NDF}: 35.2/33$

13.197 ± 6.068 $\chi^2/\text{NDF}: 13.5/17$

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14252.600+/-4.374 χ^2/NDF : 844569.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14958.020+/-4.291 χ^2/NDF : 761112.0/17

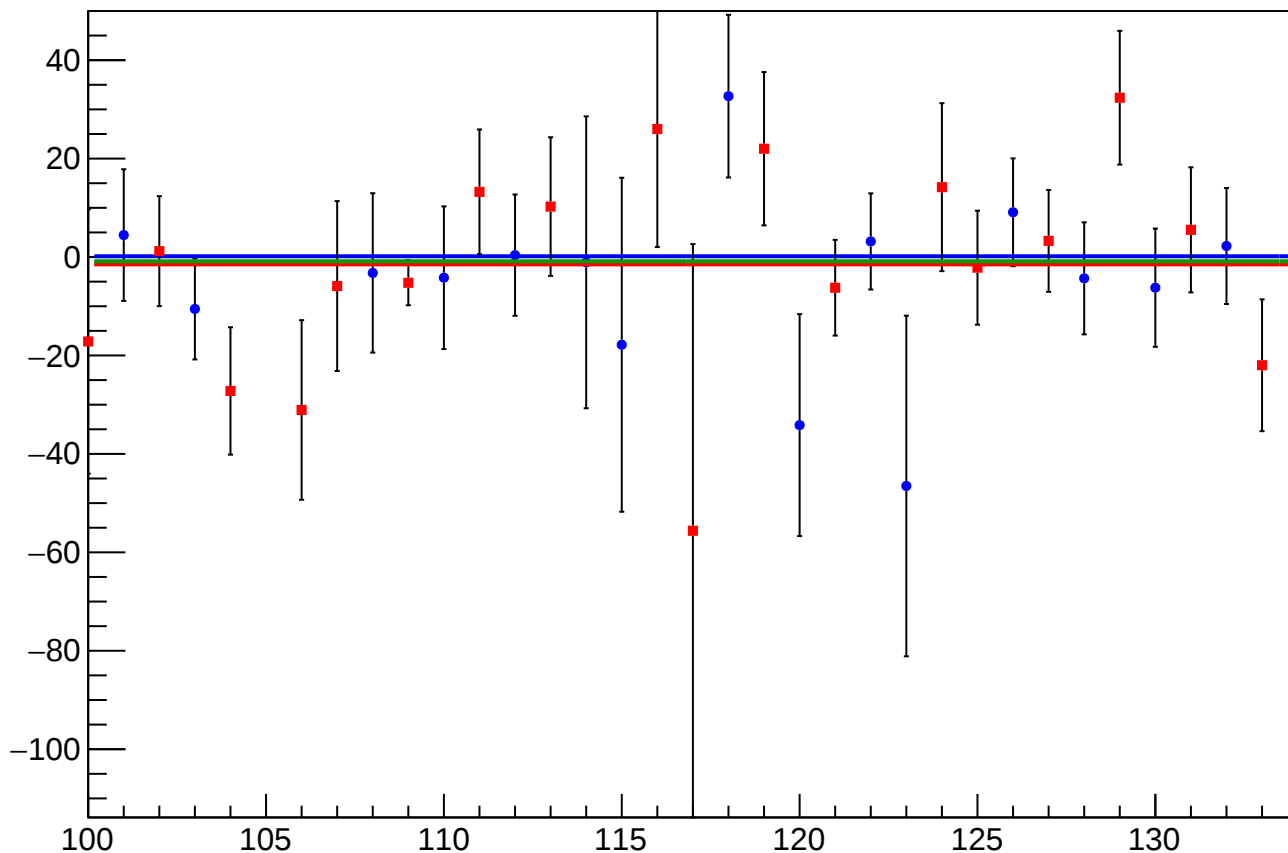
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14252.600+/-4.374 χ^2/NDF : 844569.7/15

14612.062+/-3.063 χ^2/NDF : 1618936.0/3

14958.020+/-4.291 χ^2/NDF : 761112.0/17

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.154+/-3.475 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.494+/-2.723 χ^2/NDF : 24.4/17

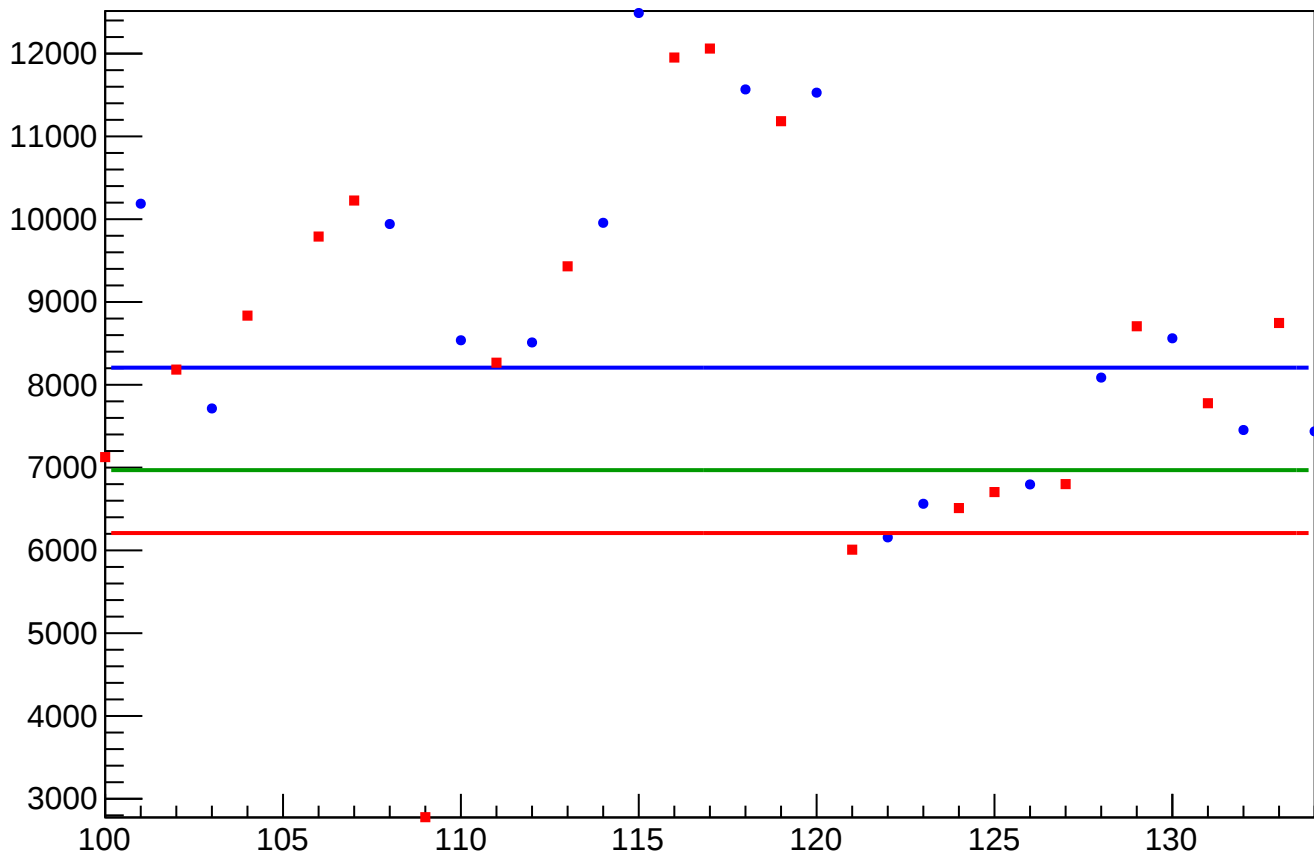
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.154+/-3.475 χ^2/NDF : 12.4/15

-0.867+/-2.143 χ^2/NDF : 36.9/33

-1.494+/-2.723 χ^2/NDF : 24.4/17

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8207.066 $\pm$ 2.457 χ^2 /NDF: 378503.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6209.406 $\pm$ 1.926 χ^2 /NDF: 2134203.0/17

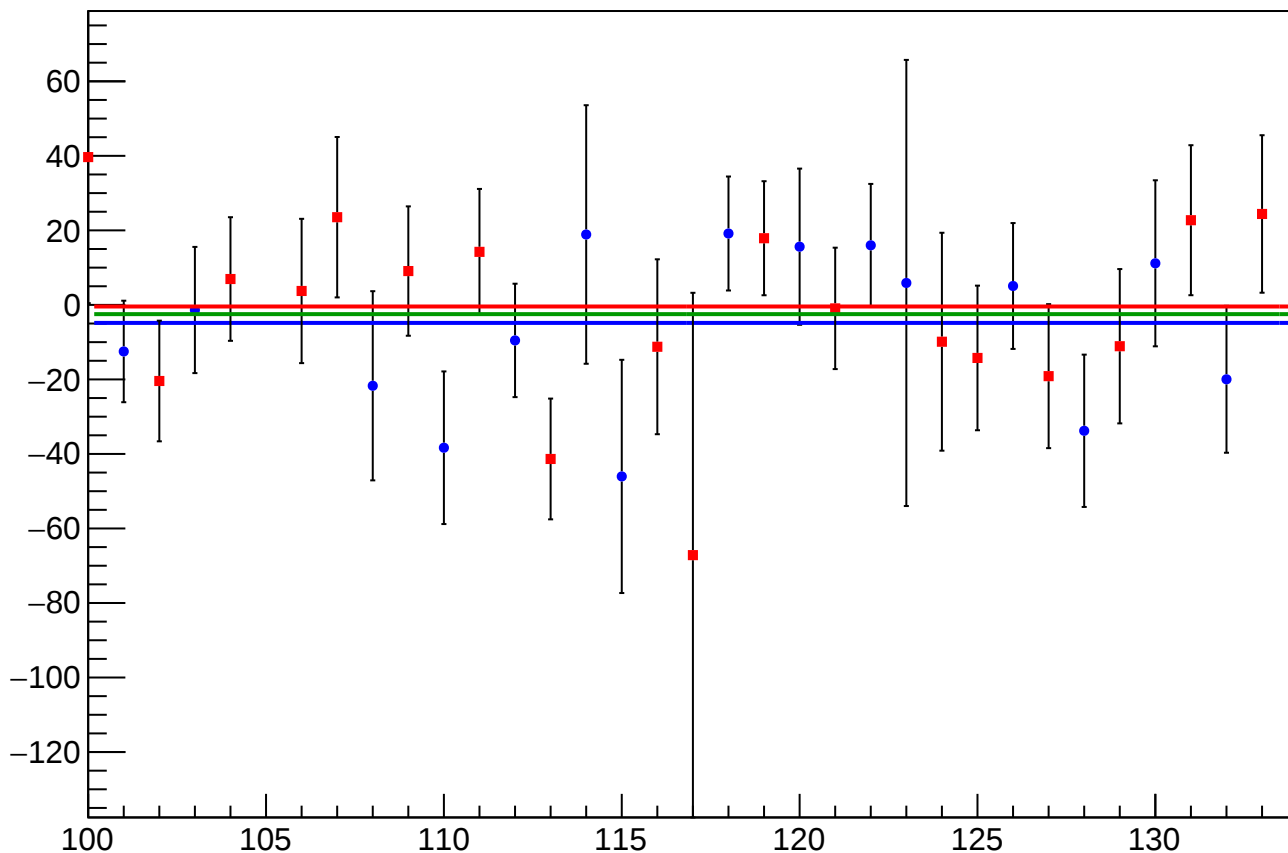
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8207.066 $\pm$ 2.457 χ^2 /NDF: 378503.3/15

6969.326 $\pm$ 1.516 χ^2 /NDF: 2922156.1/33

6209.406 $\pm$ 1.926 χ^2 /NDF: 2134203.0/17

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -4.834+/-4.934 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.431+/-4.605 χ^2/NDF : 18.5/17

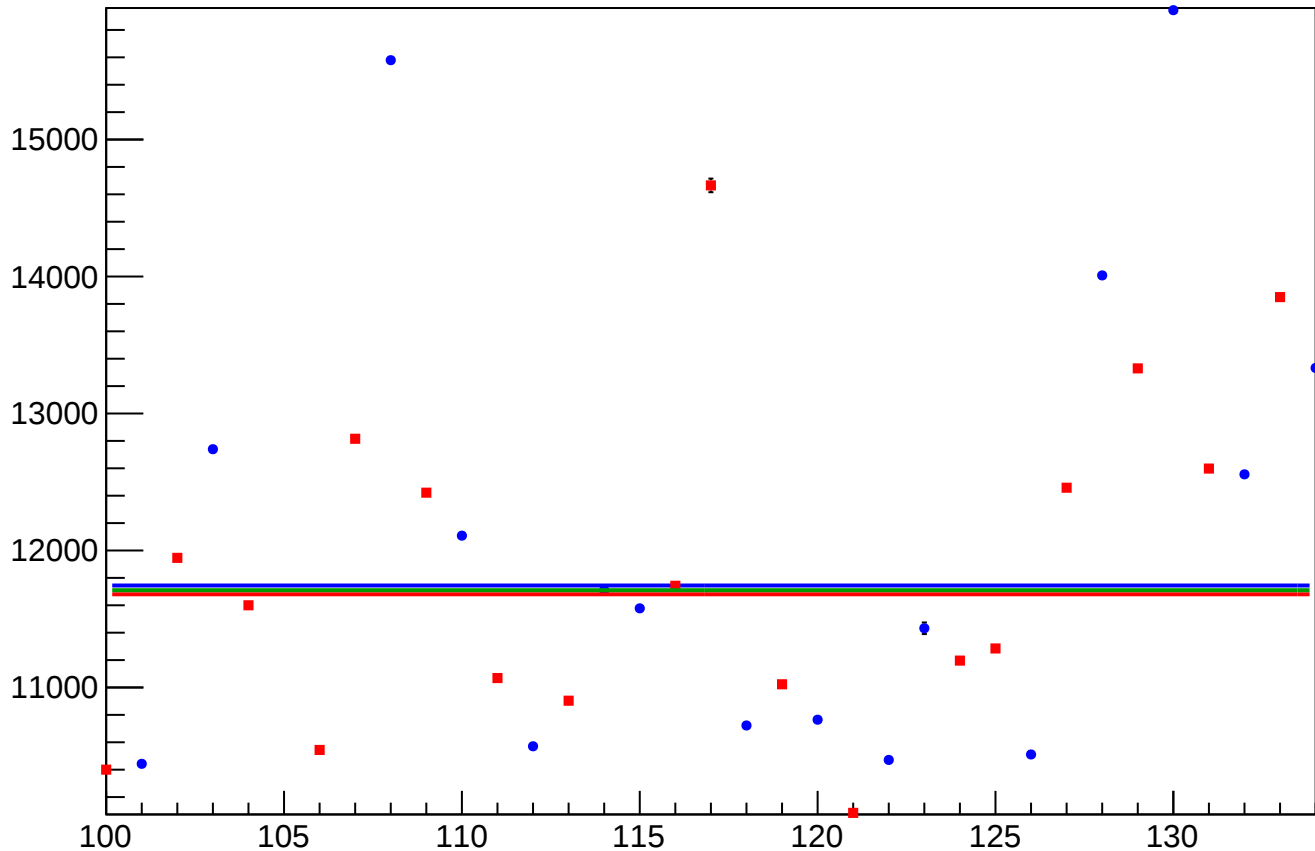
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.834+/-4.934 χ^2/NDF : 14.4/15

-2.480+/-3.366 χ^2/NDF : 33.3/33

-0.431+/-4.605 χ^2/NDF : 18.5/17

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11744.373+/-3.489 χ^2/NDF : 223865.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11680.336+/-3.256 χ^2/NDF : 95065.5/17

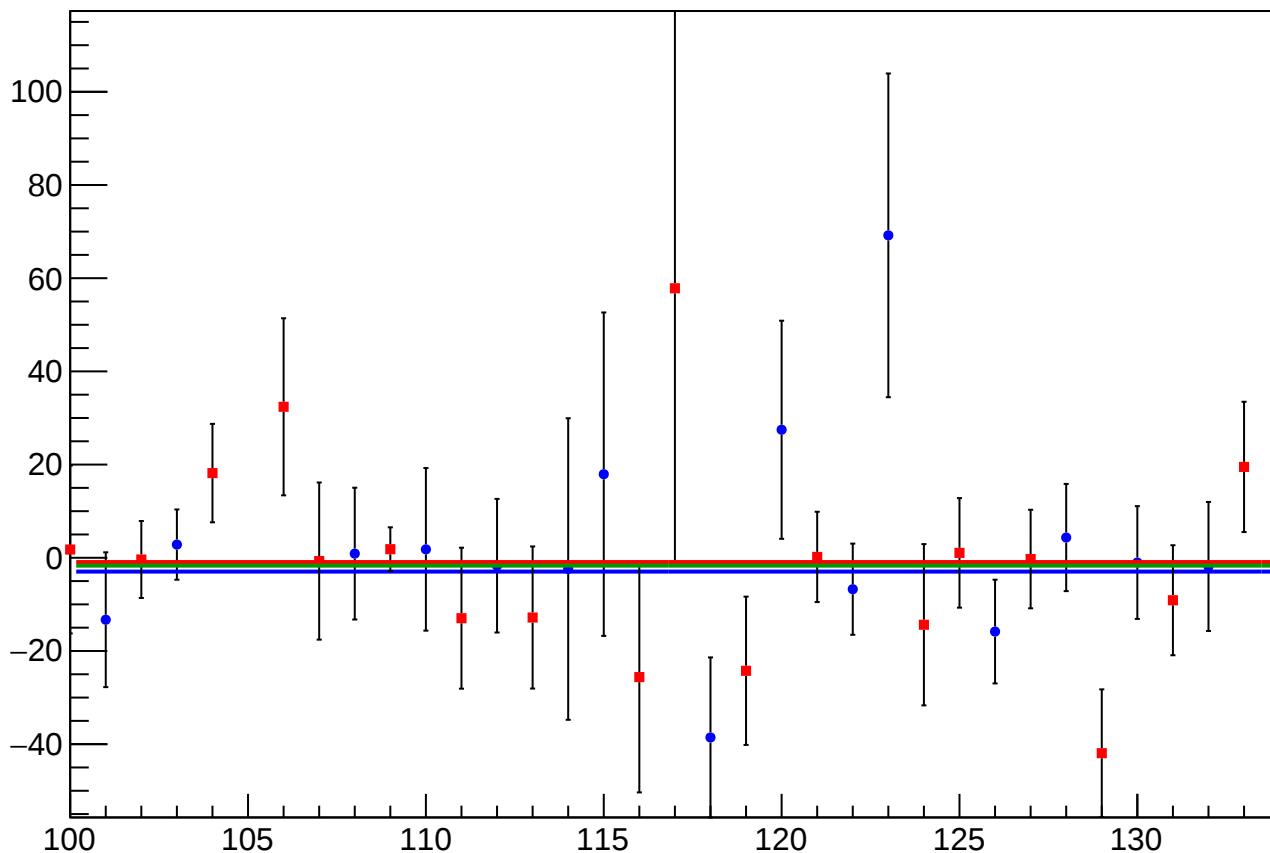
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11744.373+/-3.489 χ^2/NDF : 223865.2/15

11710.148+/-2.380 χ^2/NDF : 319110.7/33

11680.336+/-3.256 χ^2/NDF : 95065.5/17

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.965+/-3.438 χ^2 /NDF: 14.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.914+/-2.665 χ^2 /NDF: 24.3/17

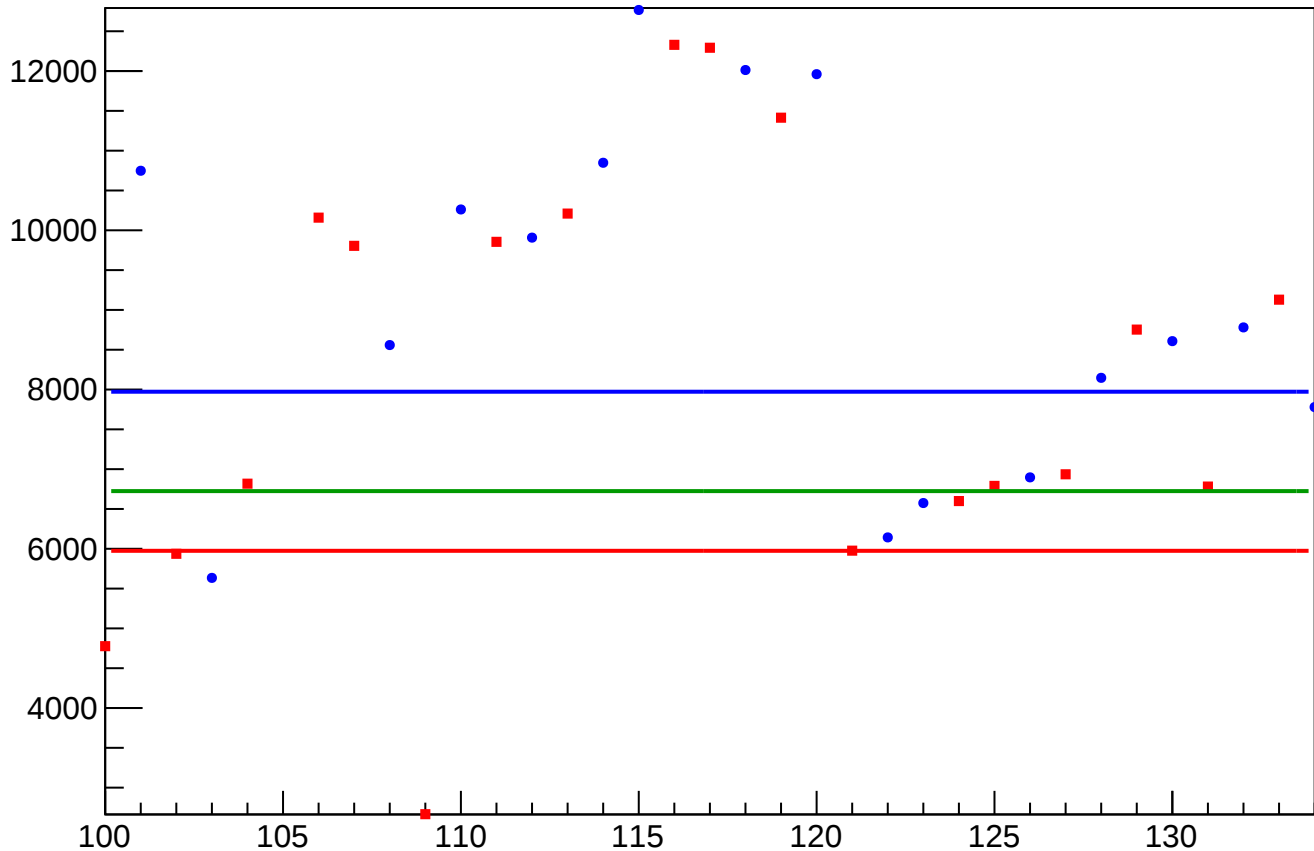
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.965+/-3.438 χ^2 /NDF: 14.3/15

-1.684+/-2.106 χ^2 /NDF: 38.8/33

-0.914+/-2.665 χ^2 /NDF: 24.3/17

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7972.633+/-2.431 χ^2 /NDF: 668007.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 5974.493+/-1.884 χ^2 /NDF: 2114097.9/17

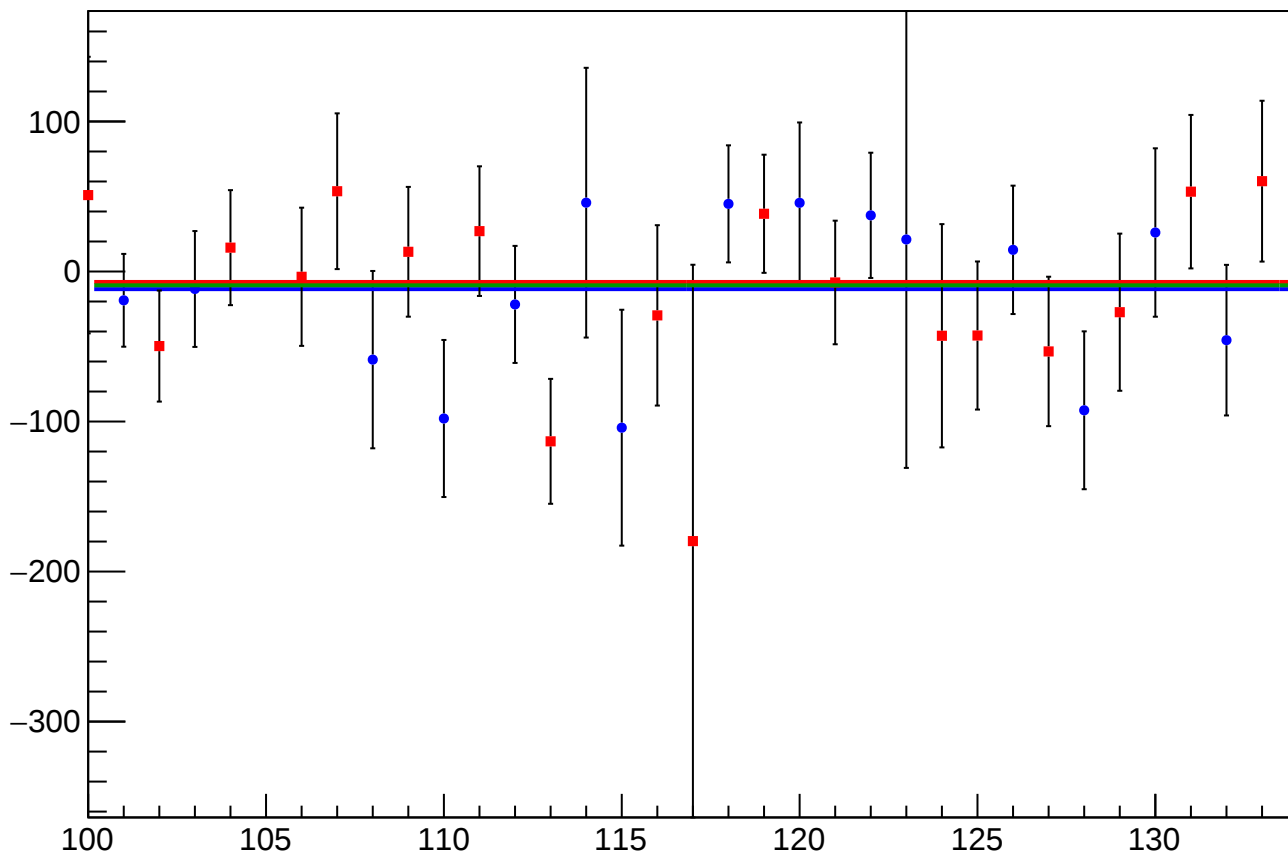
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

7972.633+/-2.431 χ^2 /NDF: 668007.0/15

6724.346+/-1.489 χ^2 /NDF: 3204108.3/33

5974.493+/-1.884 χ^2 /NDF: 2114097.9/17

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -11.751 ± 12.203 χ^2/NDF : 13.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.970 ± 11.435 χ^2/NDF : 17.9/17

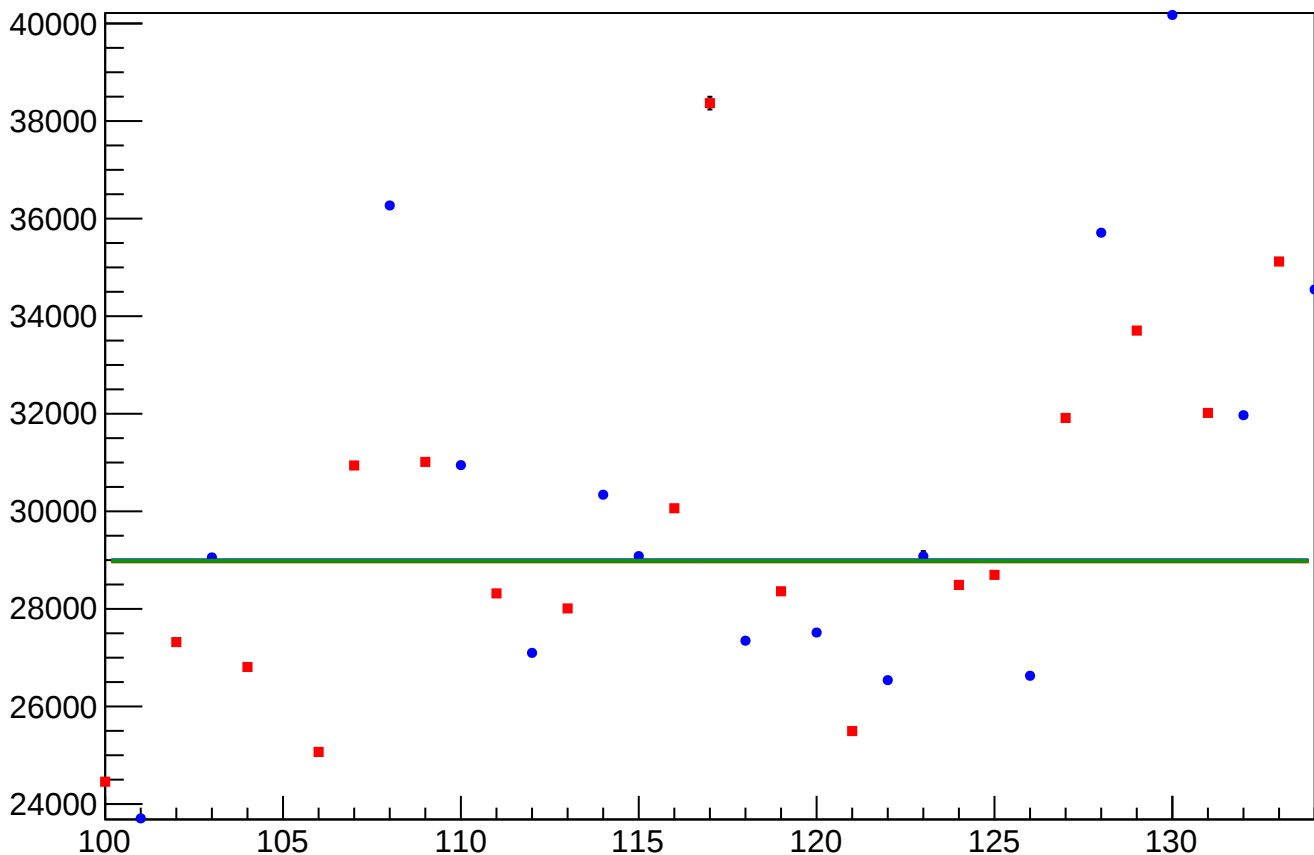
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.751 ± 12.203 χ^2/NDF : 13.7/15

-9.205 ± 8.344 χ^2/NDF : 31.6/33

-6.970 ± 11.435 χ^2/NDF : 17.9/17

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28994.923+/-8.629 χ^2/NDF : 243808.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28974.550+/-8.086 χ^2/NDF : 115820.4/17

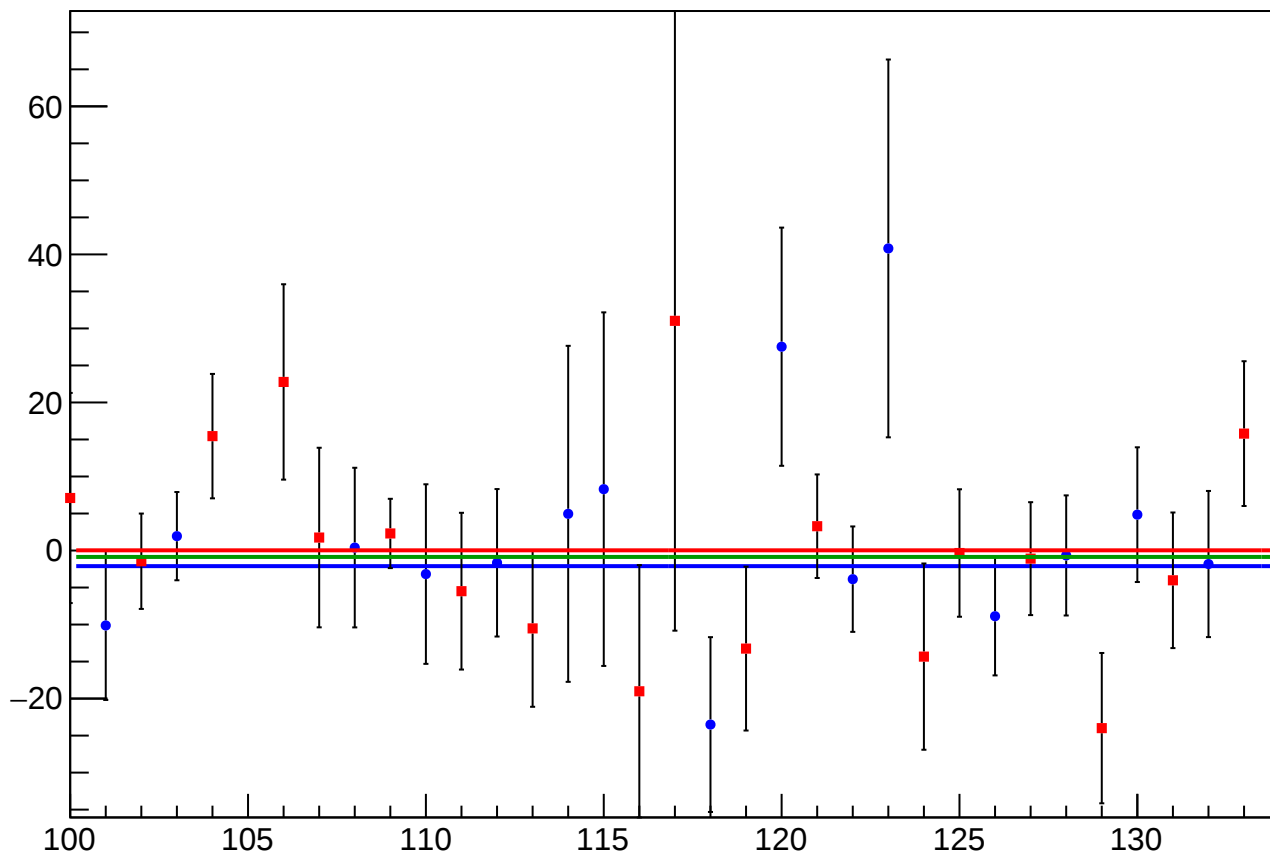
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28994.923+/-8.629 χ^2/NDF : 243808.0/15

28984.076+/-5.900 χ^2/NDF : 359631.4/33

28974.550+/-8.086 χ^2/NDF : 115820.4/17

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.110+/-2.510 χ^2 /NDF: 13.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.027+/-2.127 χ^2 /NDF: 21.3/17

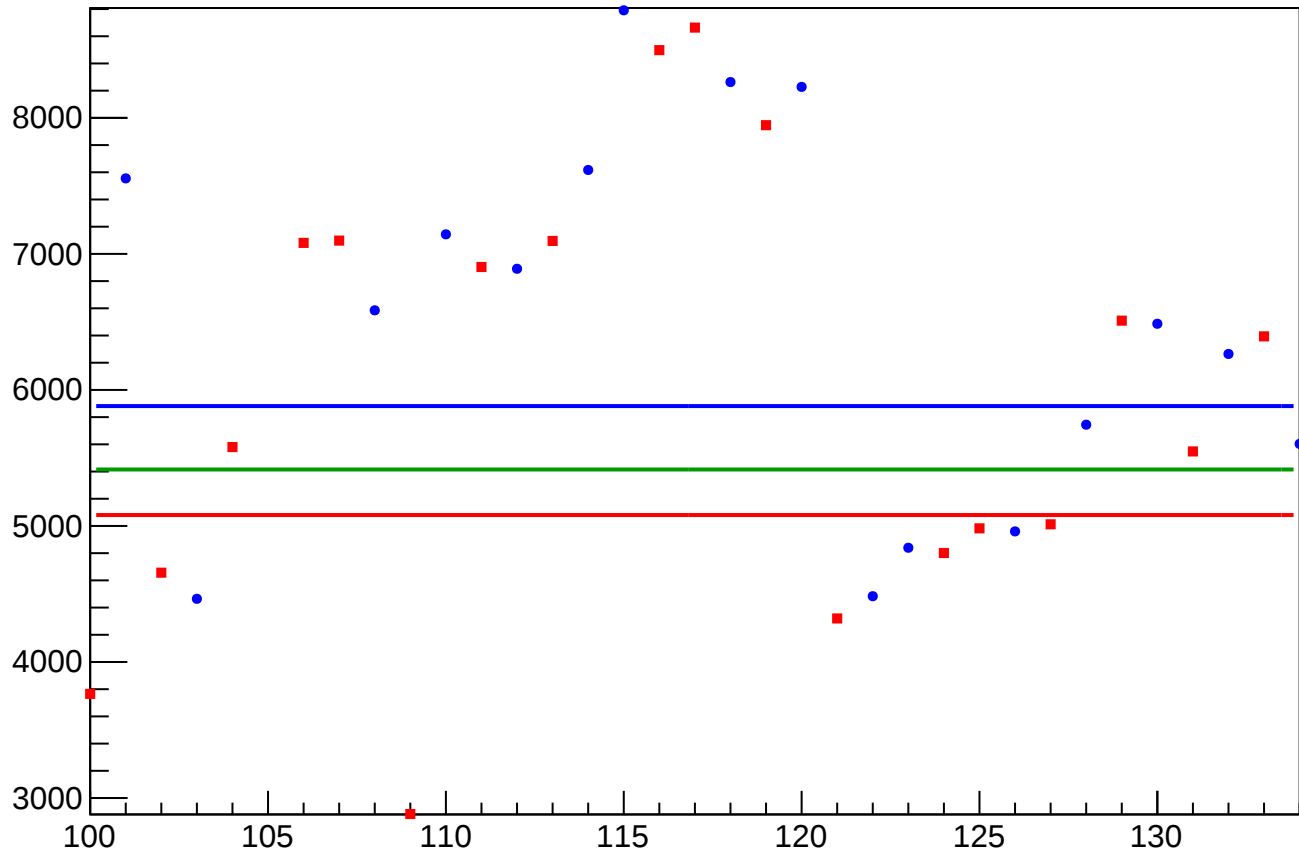
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.110+/-2.510 χ^2 /NDF: 13.4/15

-0.866+/-1.623 χ^2 /NDF: 35.2/33

0.027+/-2.127 χ^2 /NDF: 21.3/17

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5881.206 $\pm$ 1.775 χ^2 /NDF: 504672.4/15

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

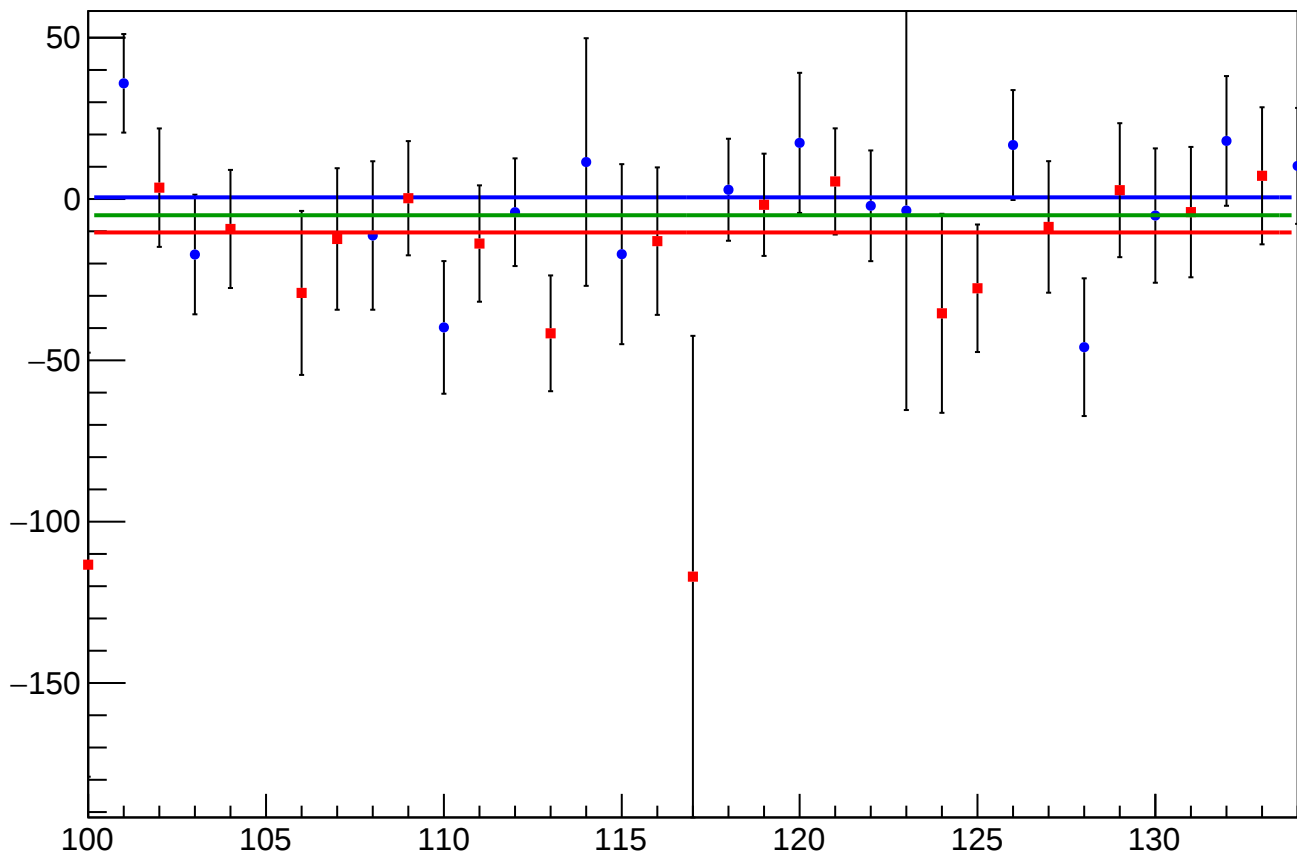
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5881.206 $\pm$ 1.775 χ^2 /NDF: 504672.4/15

5415.145 $\pm$ 1.148 χ^2 /NDF: 1665312.6/33

5080.360 $\pm$ 1.504 χ^2 /NDF: 1042161.0/17

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.523+/-4.981 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.358+/-4.882 χ^2/NDF : 12.9/17

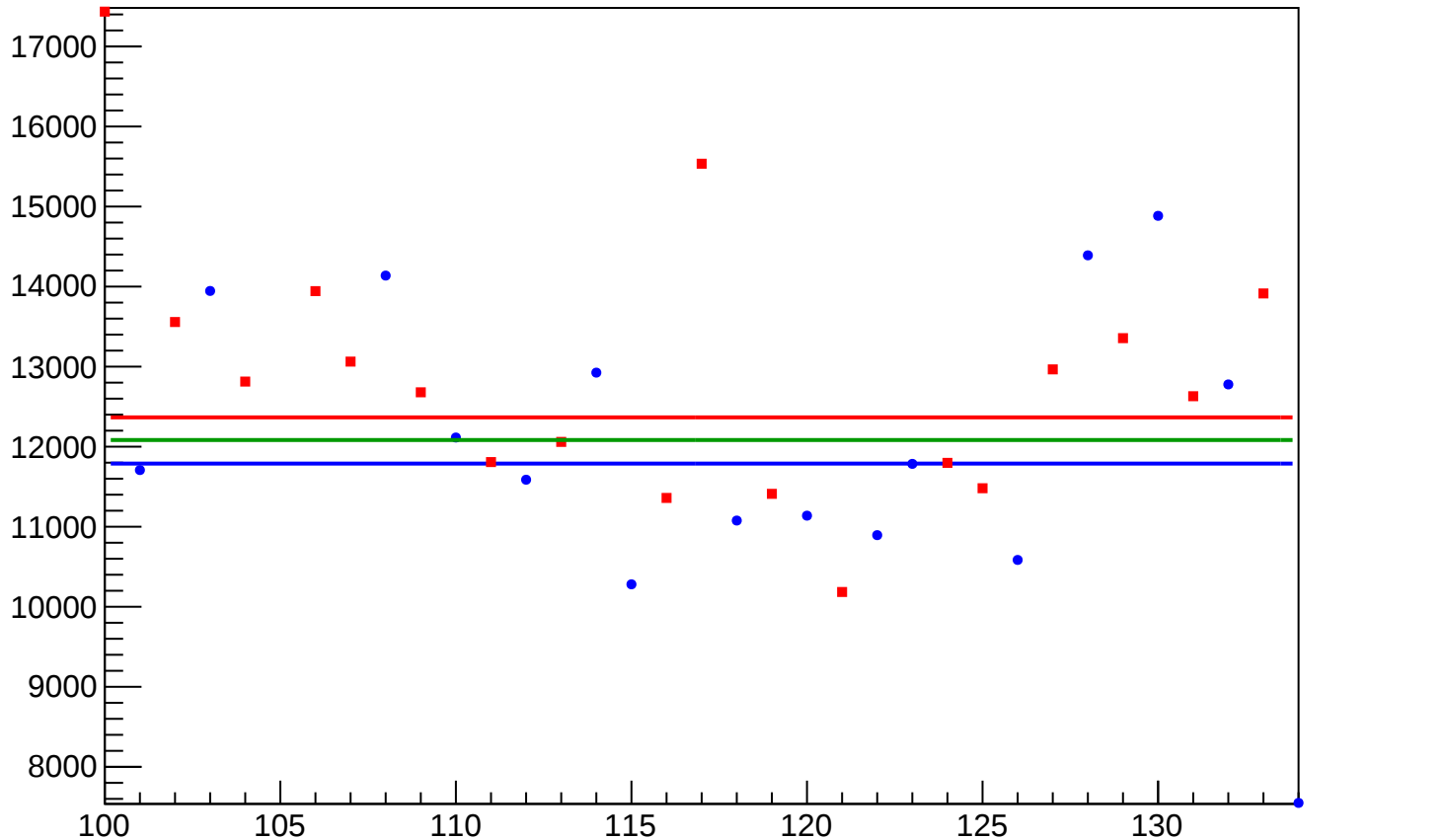
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.523+/-4.981 χ^2/NDF : 18.4/15

-5.027+/-3.486 χ^2/NDF : 33.7/33

-10.358+/-4.882 χ^2/NDF : 12.9/17

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11788.771+/-3.522 χ^2/NDF : 267744.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12366.081+/-3.452 χ^2/NDF : 106213.1/17

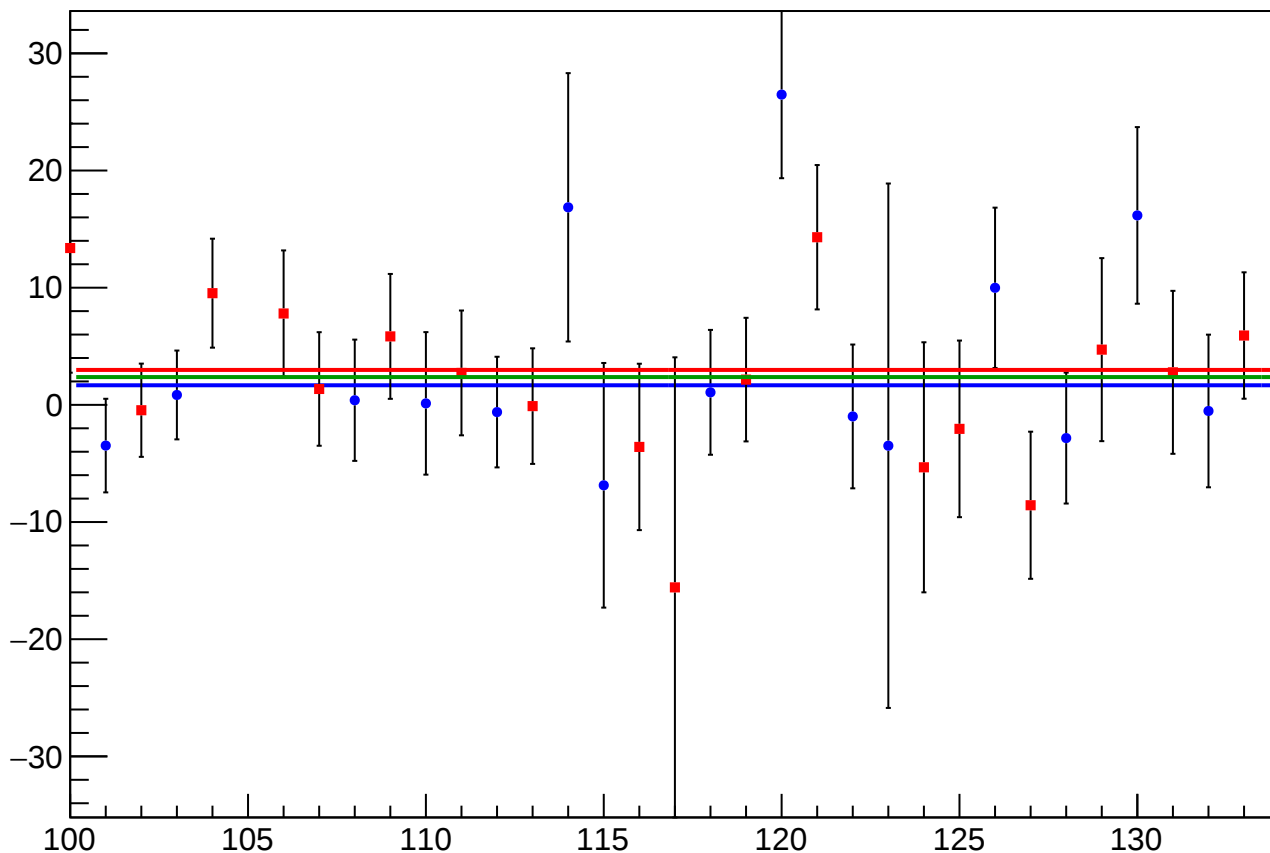
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11788.771+/-3.522 χ^2/NDF : 267744.1/15

12083.213+/-2.465 χ^2/NDF : 387661.6/33

12366.081+/-3.452 χ^2/NDF : 106213.1/17

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.672+/-1.493 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.982+/-1.394 χ^2/NDF : 15.2/17

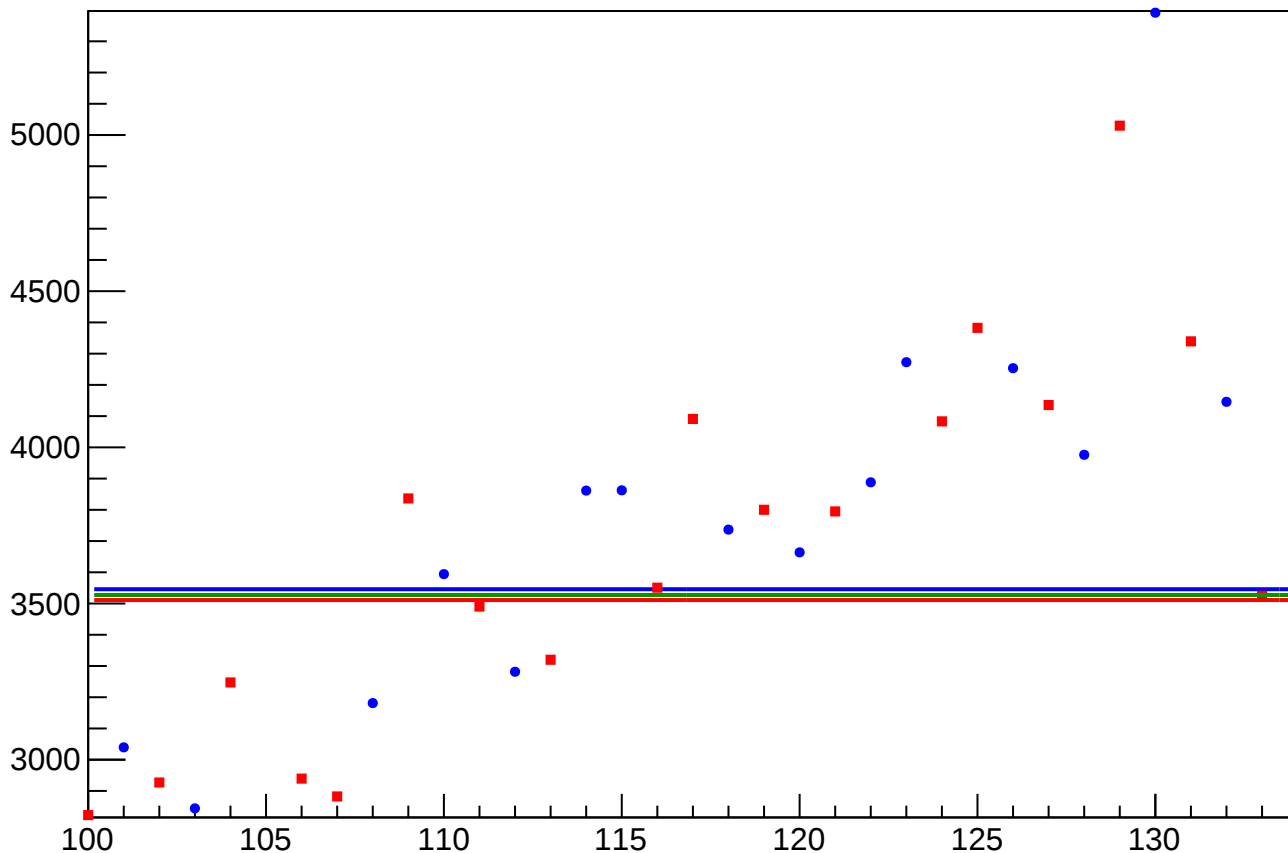
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.672+/-1.493 χ^2/NDF : 23.4/15

2.372+/-1.019 χ^2/NDF : 39.0/33

2.982+/-1.394 χ^2/NDF : 15.2/17

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3545.840+/-1.056 χ^2/NDF : 305065.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3511.166+/-0.985 χ^2/NDF : 292982.7/17

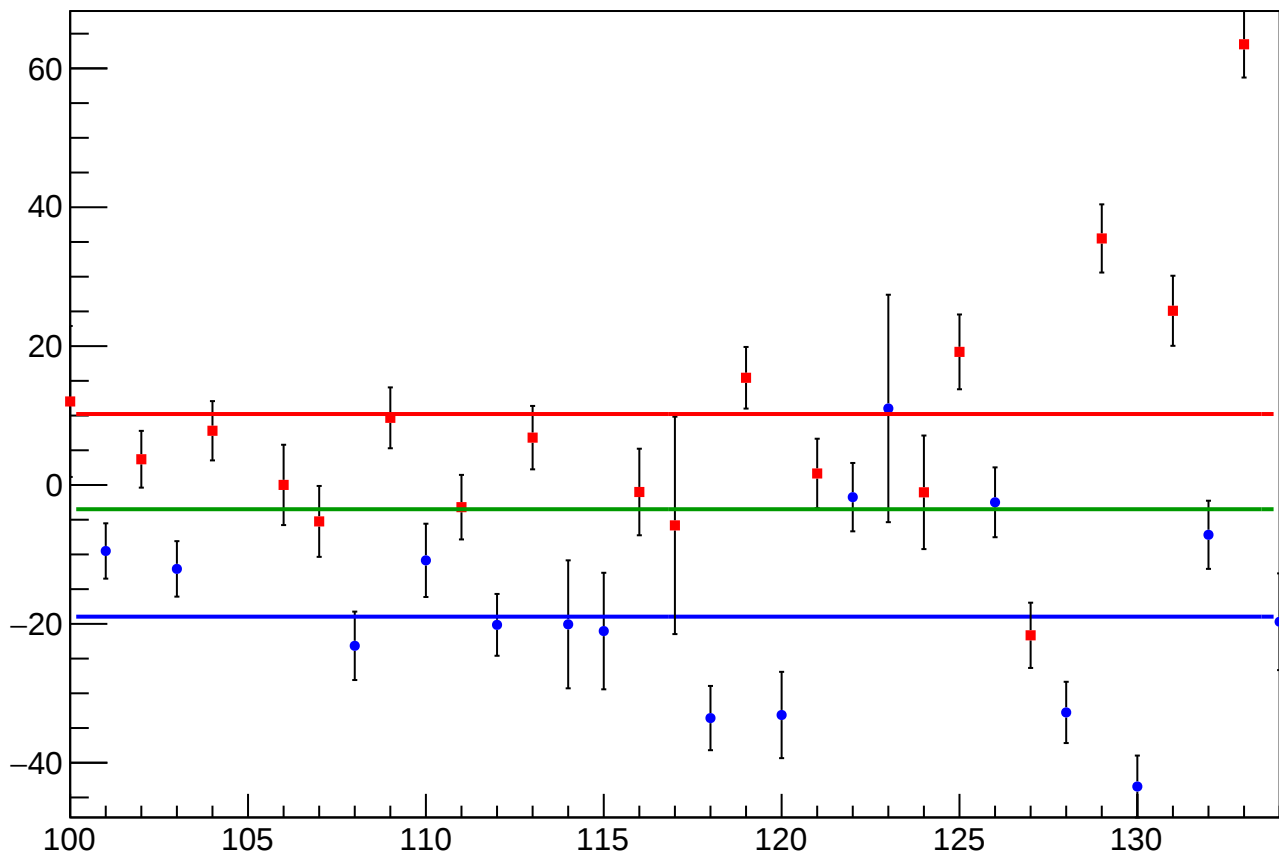
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3545.840+/-1.056 χ^2/NDF : 305065.2/15

3527.308+/-0.720 χ^2/NDF : 598624.2/33

3511.166+/-0.985 χ^2/NDF : 292982.7/17

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -18.960 ± 1.291 χ^2/NDF : 99.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.222 ± 1.215 χ^2/NDF : 242.1/17

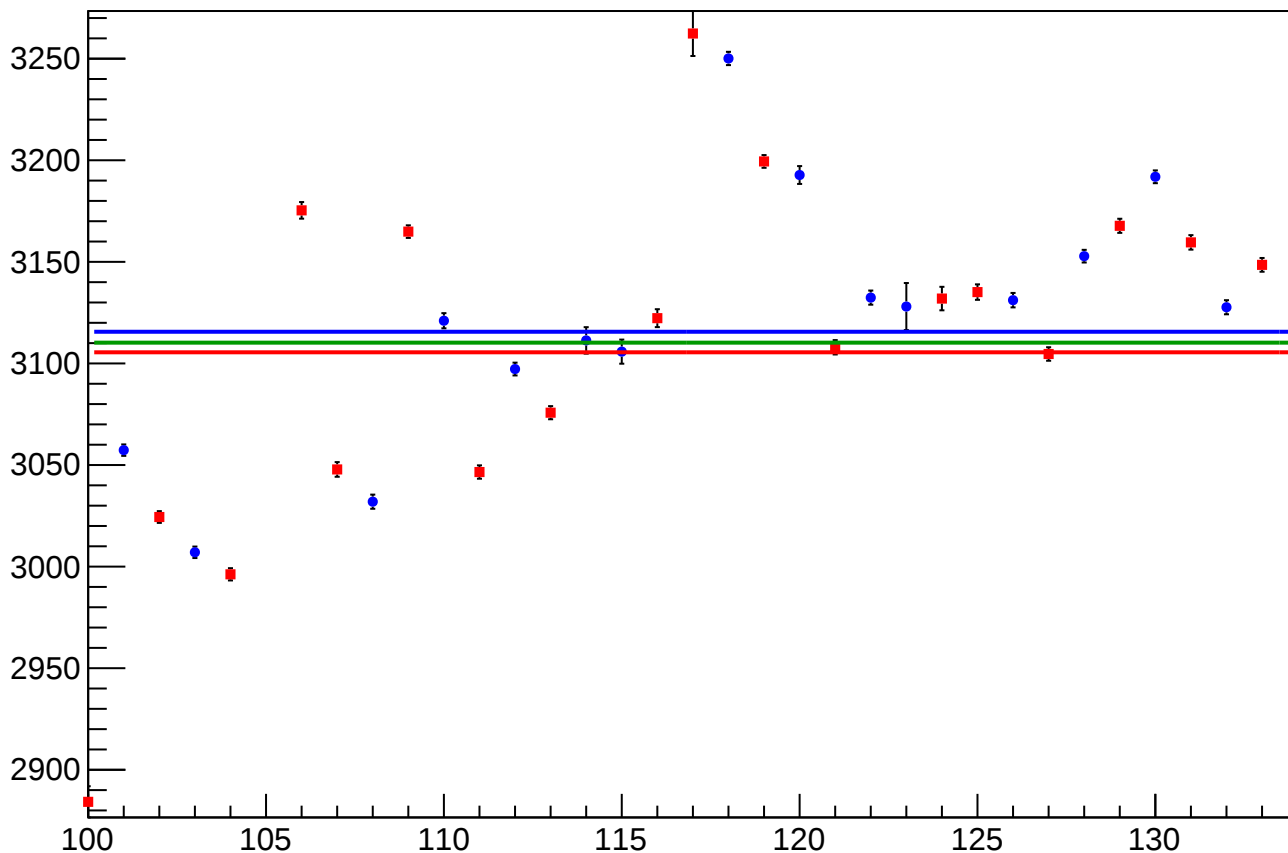
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.960 ± 1.291 χ^2/NDF : 99.0/15

-3.488 ± 0.885 χ^2/NDF : 612.0/33

10.222 ± 1.215 χ^2/NDF : 242.1/17

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3115.598 $\pm$ 0.913 χ^2 /NDF: 5408.6/15

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

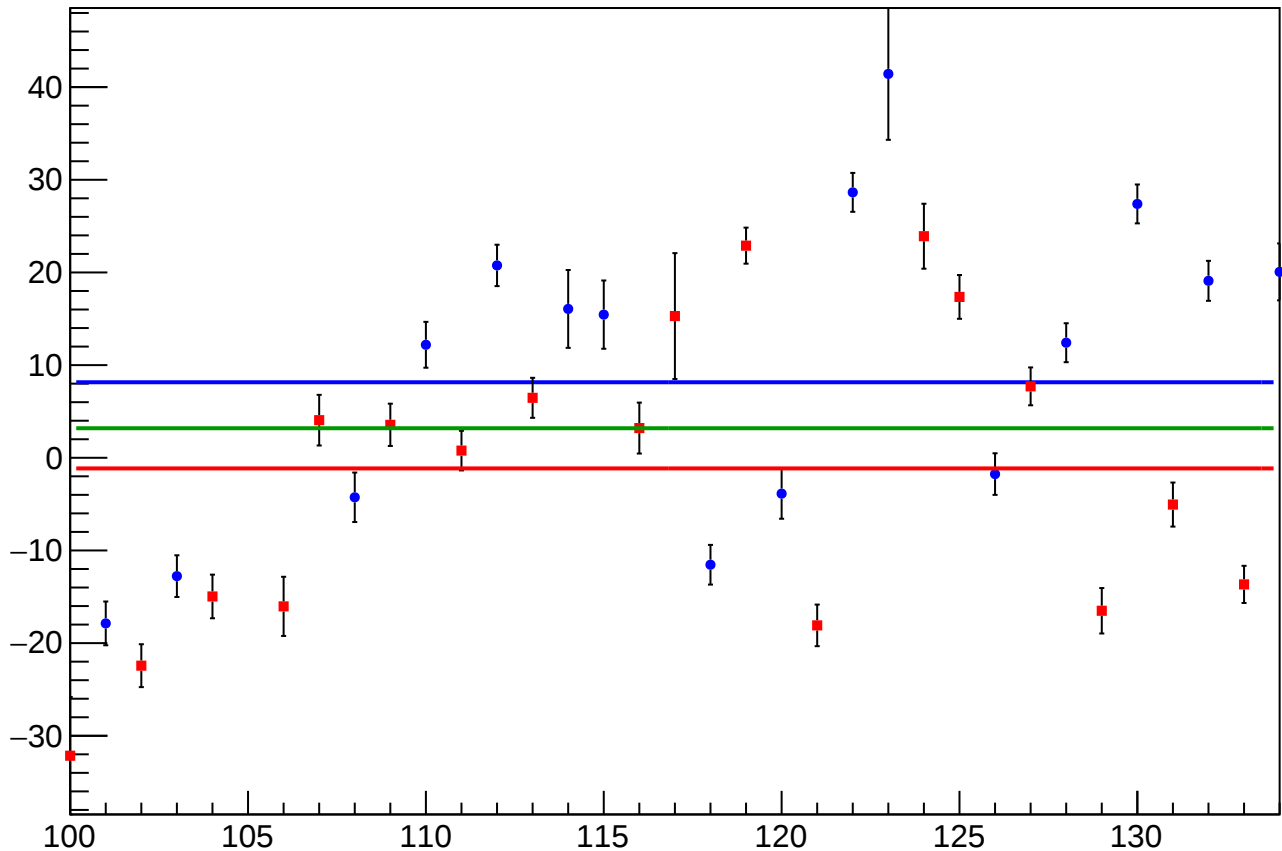
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3115.598 $\pm$ 0.913 χ^2 /NDF: 5408.6/15

3110.234 $\pm$ 0.626 χ^2 /NDF: 11626.1/33

3105.482 $\pm$ 0.859 χ^2 /NDF: 6152.3/17

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 8.150+/-0.622 χ^2/NDF : 641.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.147+/-0.581 χ^2/NDF : 616.1/17

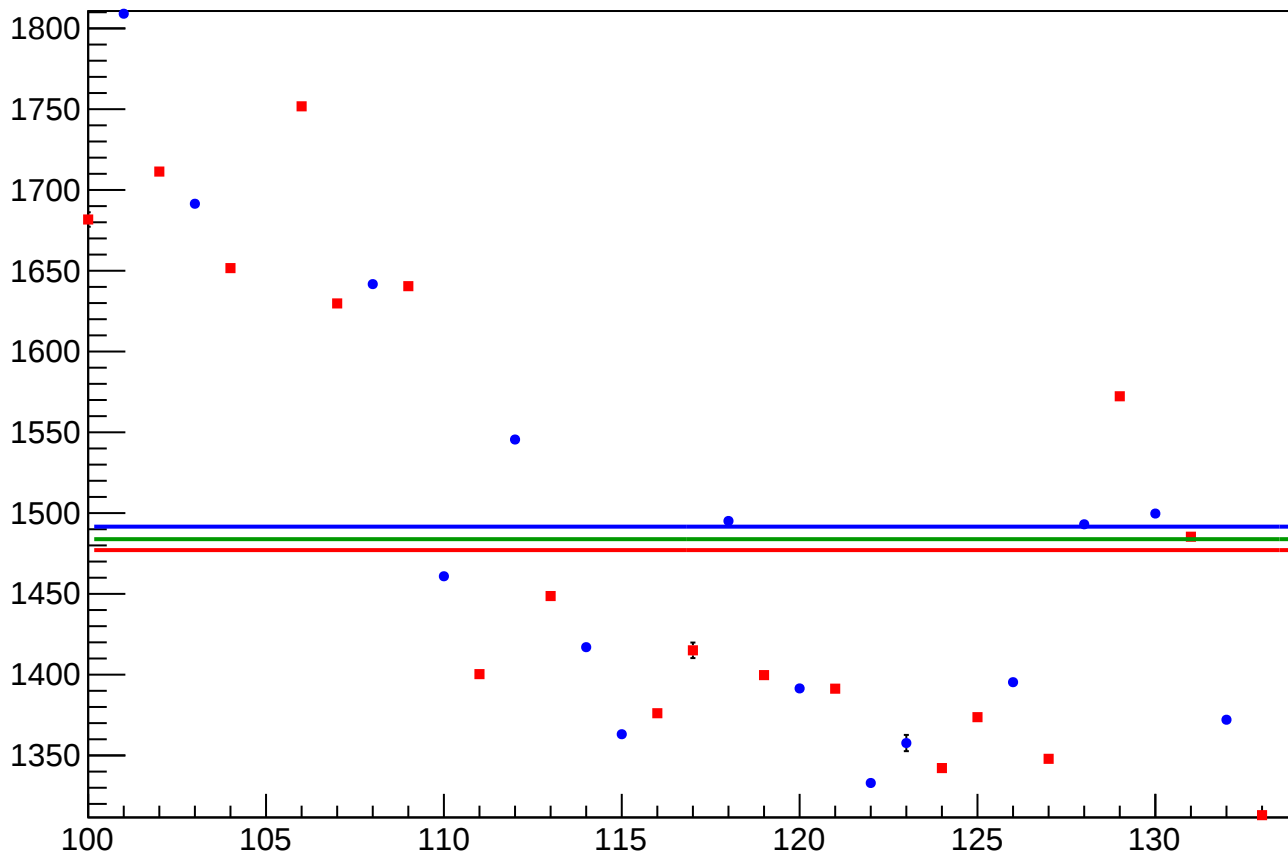
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.150+/-0.622 χ^2/NDF : 641.4/15

3.189+/-0.425 χ^2/NDF : 1376.7/33

-1.147+/-0.581 χ^2/NDF : 616.1/17

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1491.613+/-0.440 χ^2/NDF : 91984.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1477.092+/-0.411 χ^2/NDF : 107961.3/17

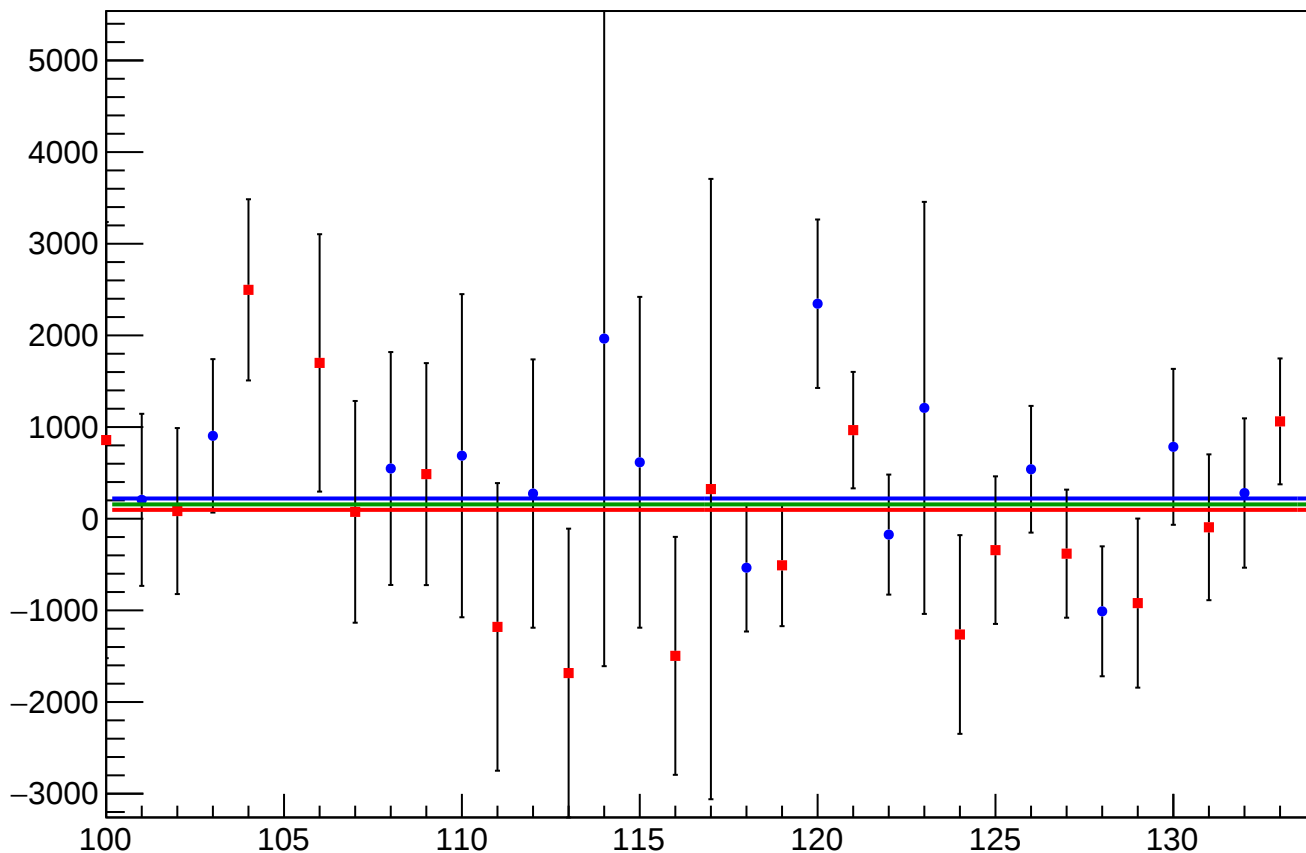
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1491.613+/-0.440 χ^2/NDF : 91984.9/15

1483.864+/-0.300 χ^2/NDF : 200528.1/33

1477.092+/-0.411 χ^2/NDF : 107961.3/17

asym_sam1_mean vs Slug, Sign Corrected



Right In: 220.655+/-233.690 χ^2/NDF : 12.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.466+/-224.466 χ^2/NDF : 19.2/17

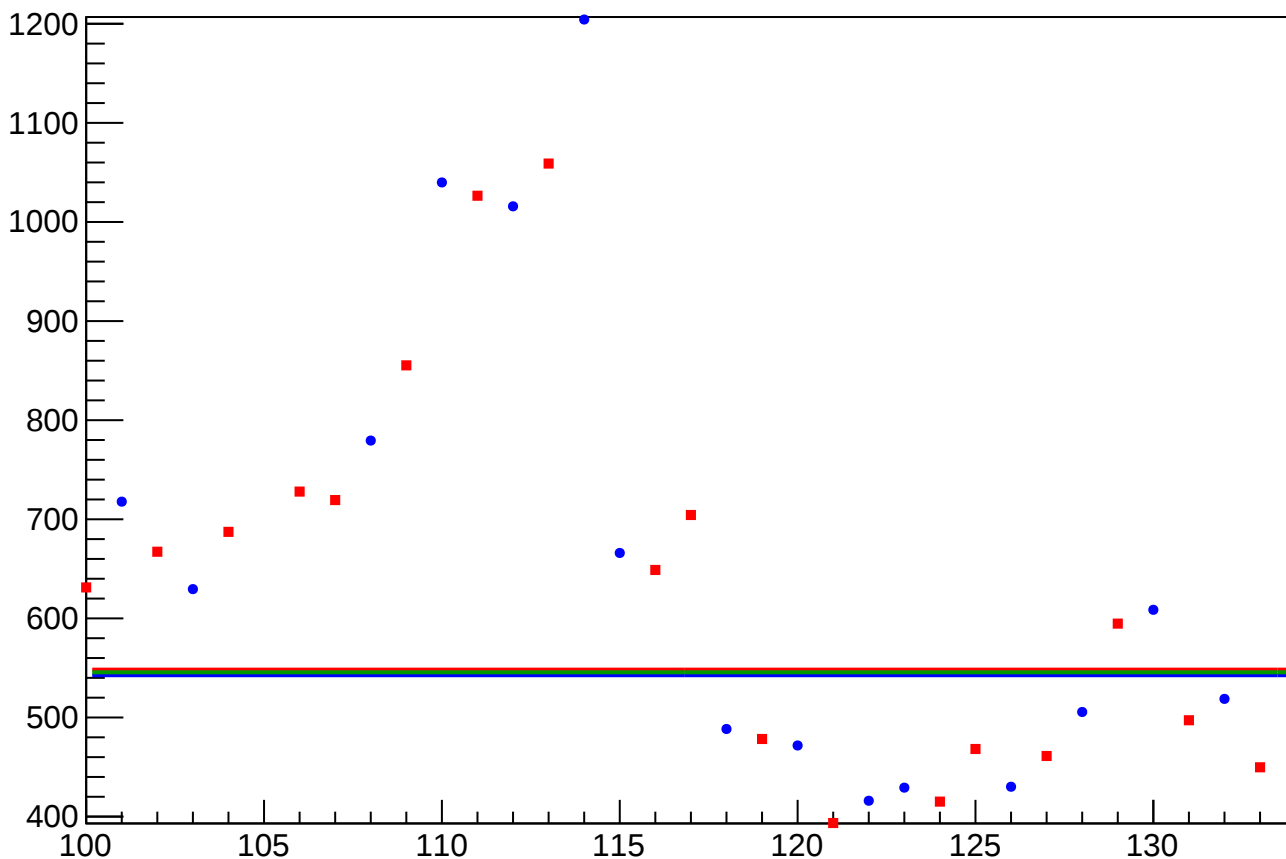
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

220.655+/-233.690 χ^2/NDF : 12.5/15

156.061+/-161.884 χ^2/NDF : 31.8/33

96.466+/-224.466 χ^2/NDF : 19.2/17

asym_sam1_rms vs Slug, Sign Corrected



Right In: 542.659+/-0.165 χ^2/NDF : 831946.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.291+/-0.159 χ^2/NDF : 966493.4/17

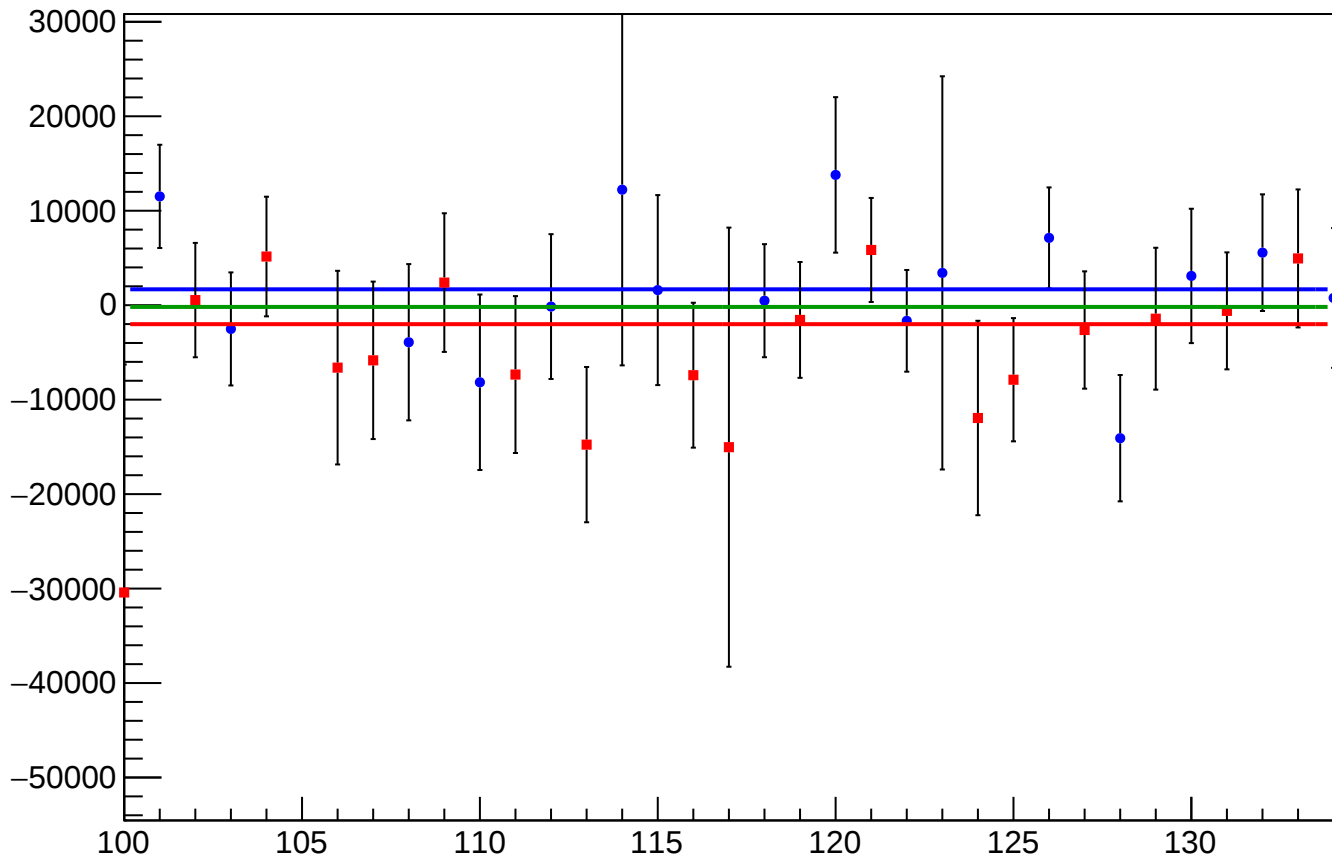
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

542.659+/-0.165 χ^2/NDF : 831946.0/15

545.589+/-0.114 χ^2/NDF : 1799043.7/33

548.291+/-0.159 χ^2/NDF : 966493.4/17

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1681.305 $\pm$ 1771.767 χ^2 /NDF: 15.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2007.760 $\pm$ 1752.587 χ^2 /NDF: 12.0/17

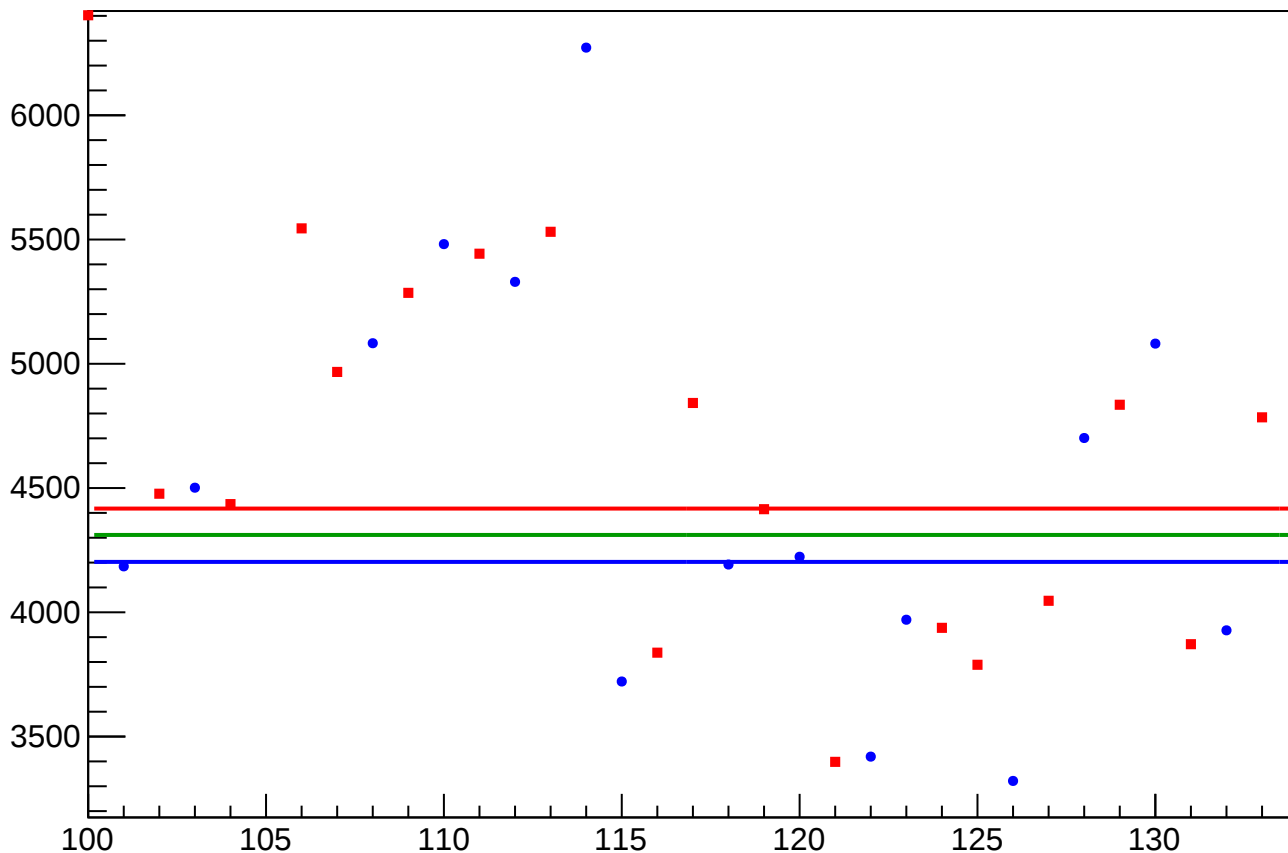
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1681.305 $\pm$ 1771.767 χ^2 /NDF: 15.3/15

-183.303 $\pm$ 1245.992 χ^2 /NDF: 29.5/33

-2007.760 $\pm$ 1752.587 χ^2 /NDF: 12.0/17

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4202.808+/-1.253 χ^2/NDF : 319012.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4417.401+/-1.239 χ^2/NDF : 279290.3/17

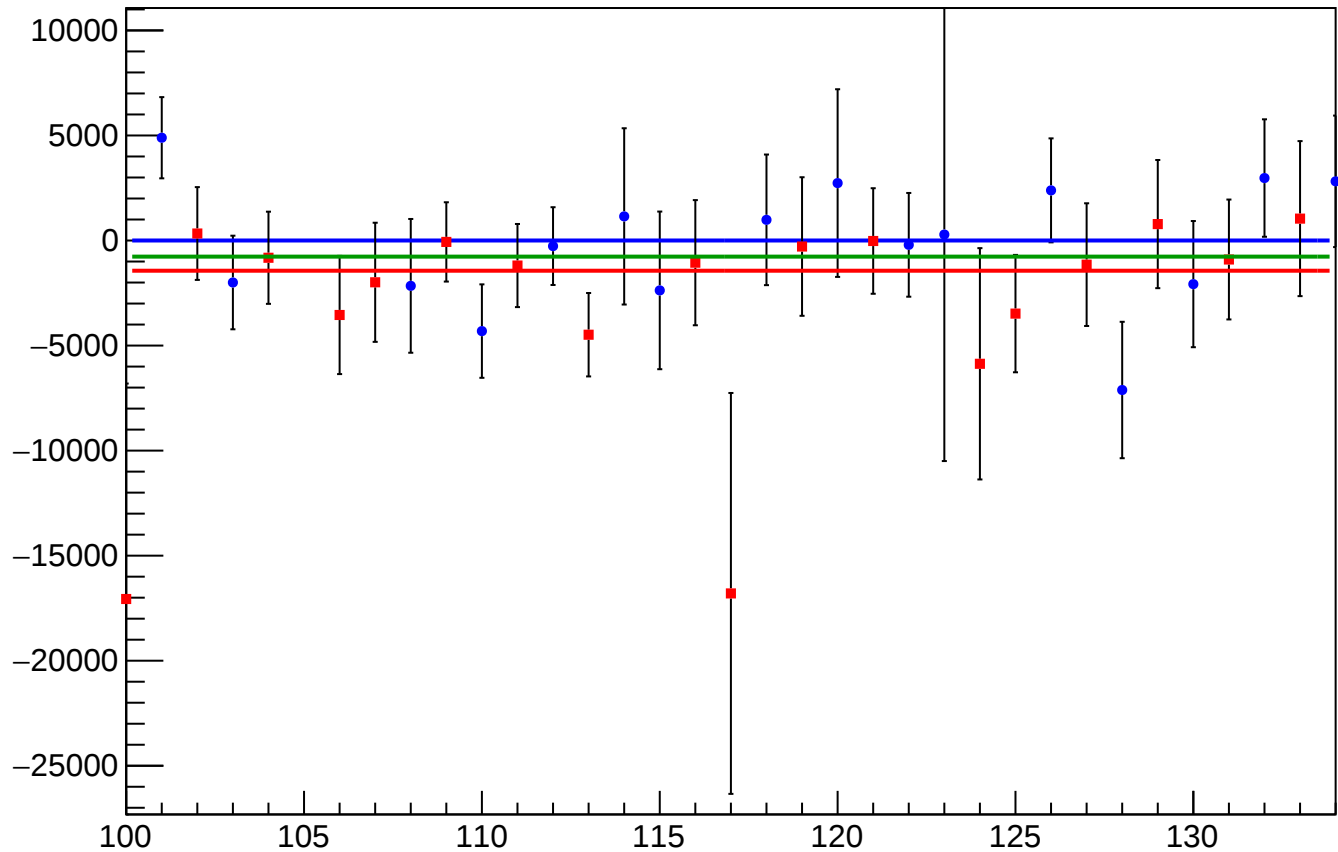
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4202.808+/-1.253 χ^2/NDF : 319012.3/15

4311.272+/-0.881 χ^2/NDF : 613131.8/33

4417.401+/-1.239 χ^2/NDF : 279290.3/17

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1.220+/-687.563 χ^2/NDF : 20.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1437.338+/-642.904 χ^2/NDF : 11.8/17

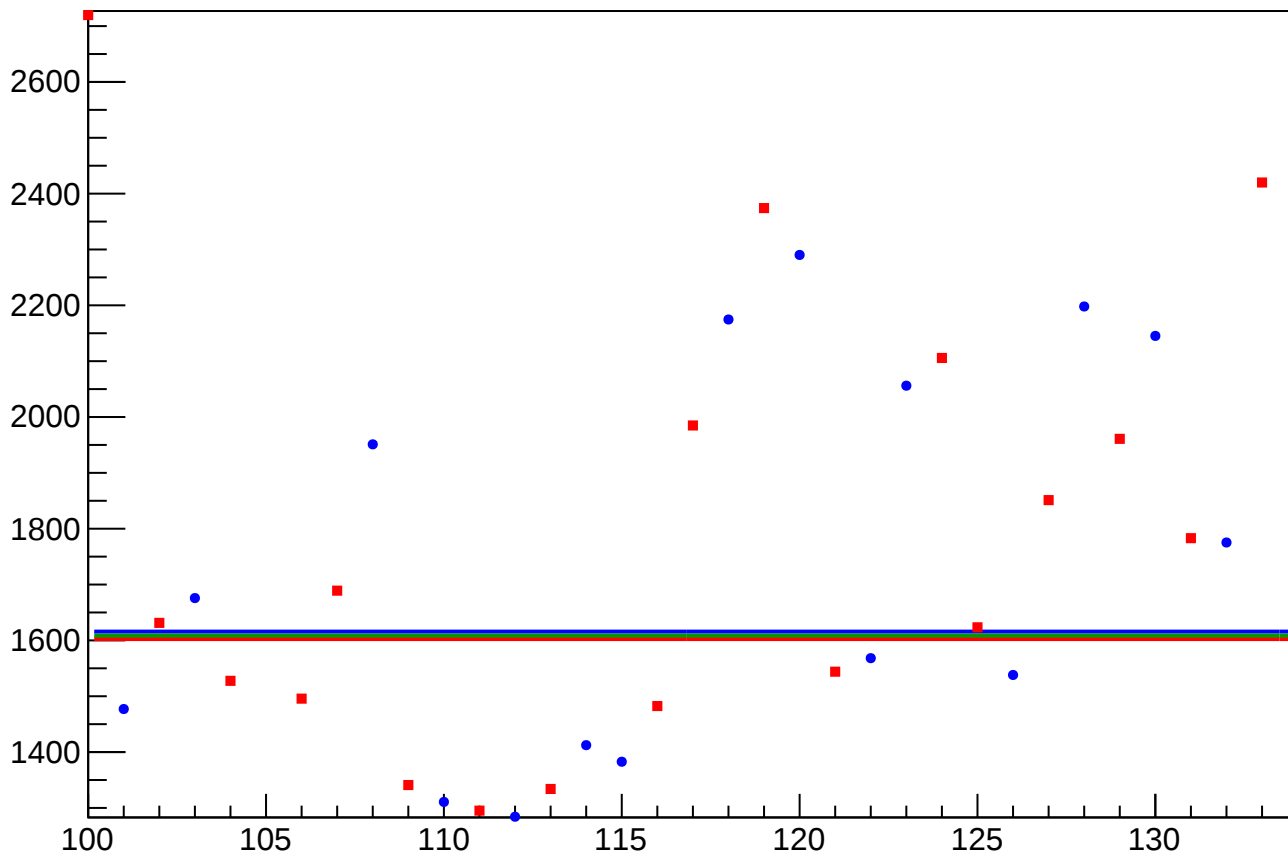
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.220+/-687.563 χ^2/NDF : 20.6/15

-766.292+/-469.597 χ^2/NDF : 34.7/33

-1437.338+/-642.904 χ^2/NDF : 11.8/17

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1615.748 $\pm$ 0.486 χ^2 /NDF: 416071.3/15

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

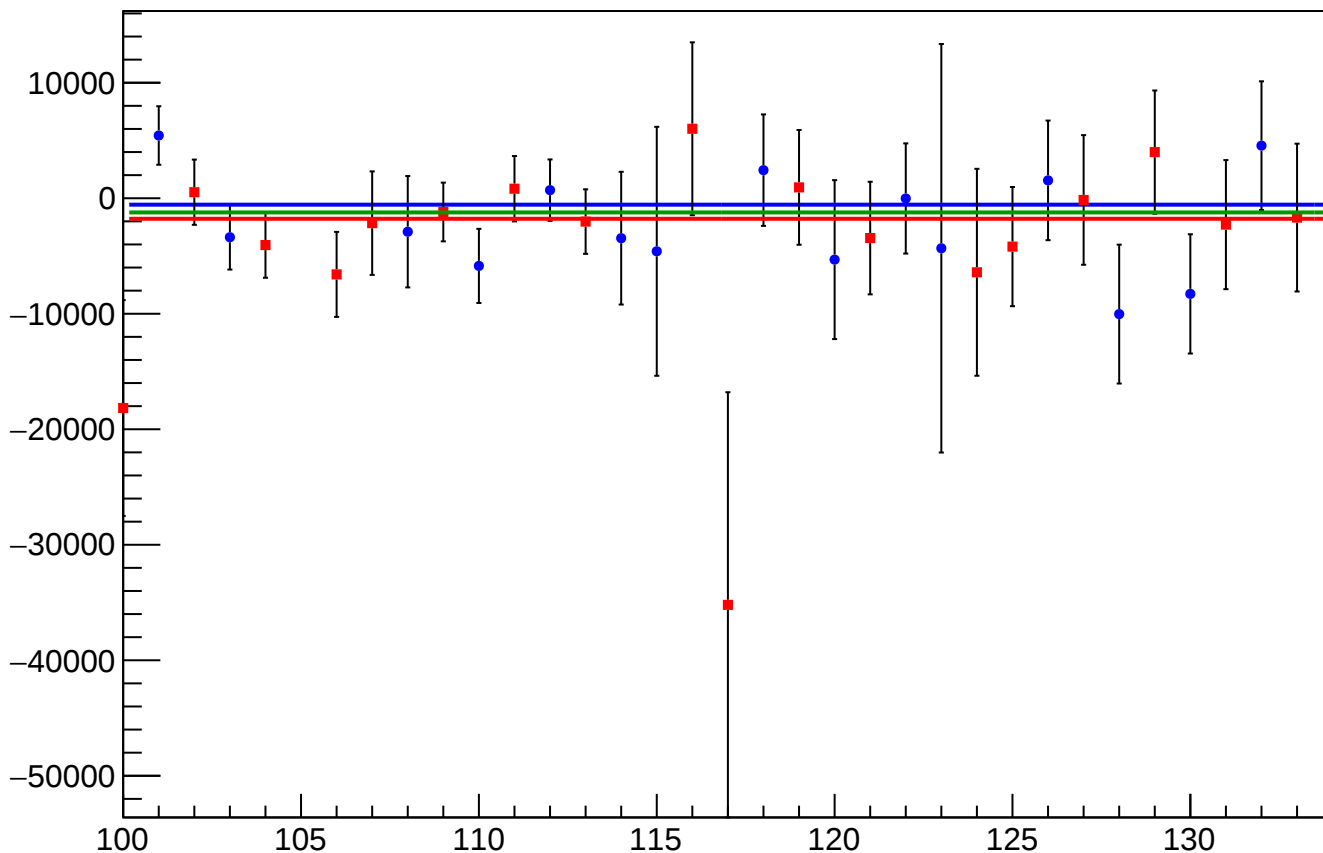
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1615.748 $\pm$ 0.486 χ^2 /NDF: 416071.3/15

1608.619 $\pm$ 0.332 χ^2 /NDF: 853066.2/33

1602.386 $\pm$ 0.455 χ^2 /NDF: 436591.8/17

asym_sam4_mean vs Slug, Sign Corrected



Right In: -555.963+/-1069.219 χ^2/NDF : 19.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1777.329+/-966.700 χ^2/NDF : 13.6/17

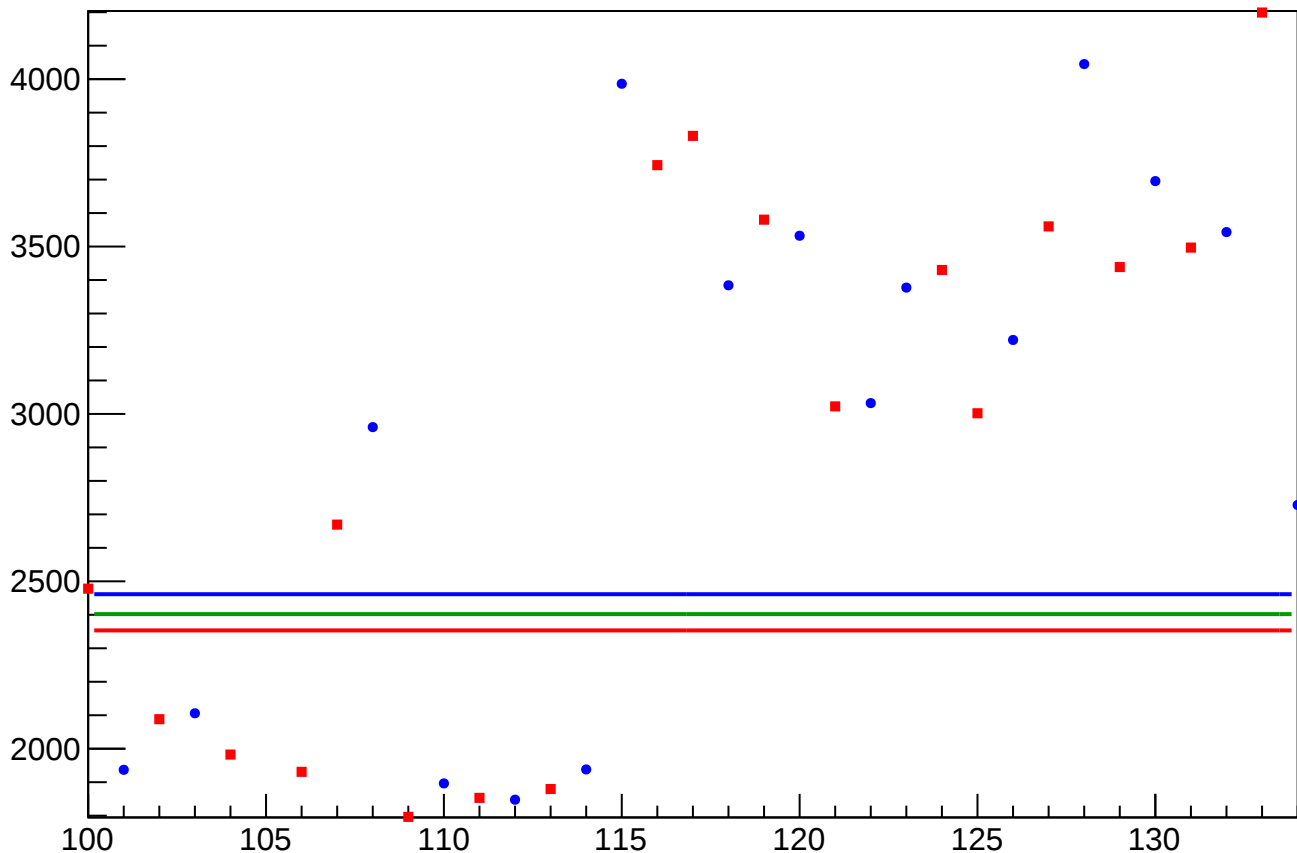
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-555.963+/-1069.219 χ^2/NDF : 19.5/15

-1227.993+/-717.072 χ^2/NDF : 33.8/33

-1777.329+/-966.700 χ^2/NDF : 13.6/17

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2461.522+/-0.756 χ^2/NDF : 895513.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.400+/-0.684 χ^2/NDF : 1032195.1/17

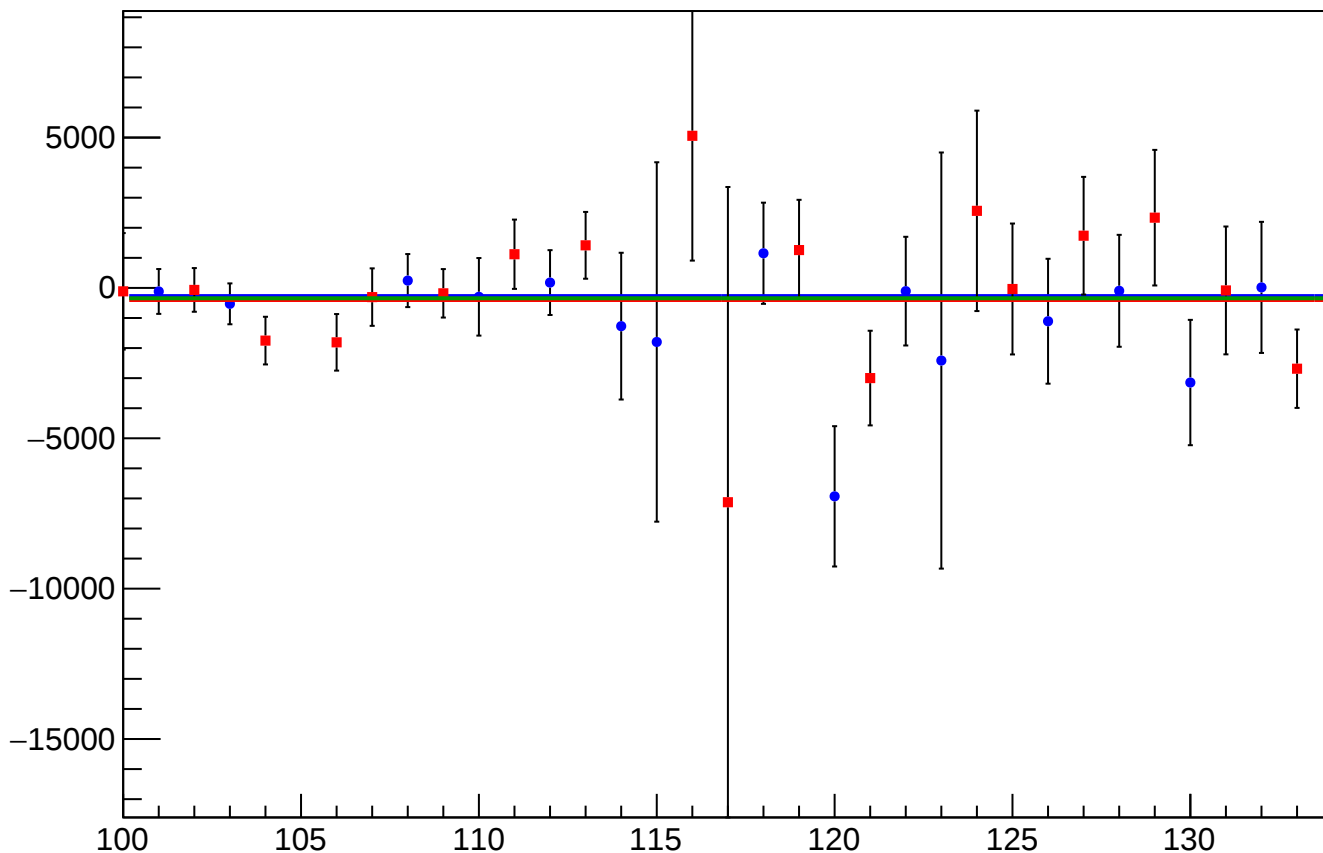
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2461.522+/-0.756 χ^2/NDF : 895513.0/15

2402.030+/-0.507 χ^2/NDF : 1938961.1/33

2353.400+/-0.684 χ^2/NDF : 1032195.1/17

asym_sam5_mean vs Slug, Sign Corrected



Right In: -271.757+/-334.133 χ^2 /NDF: 15.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -400.715+/-295.152 χ^2 /NDF: 22.3/17

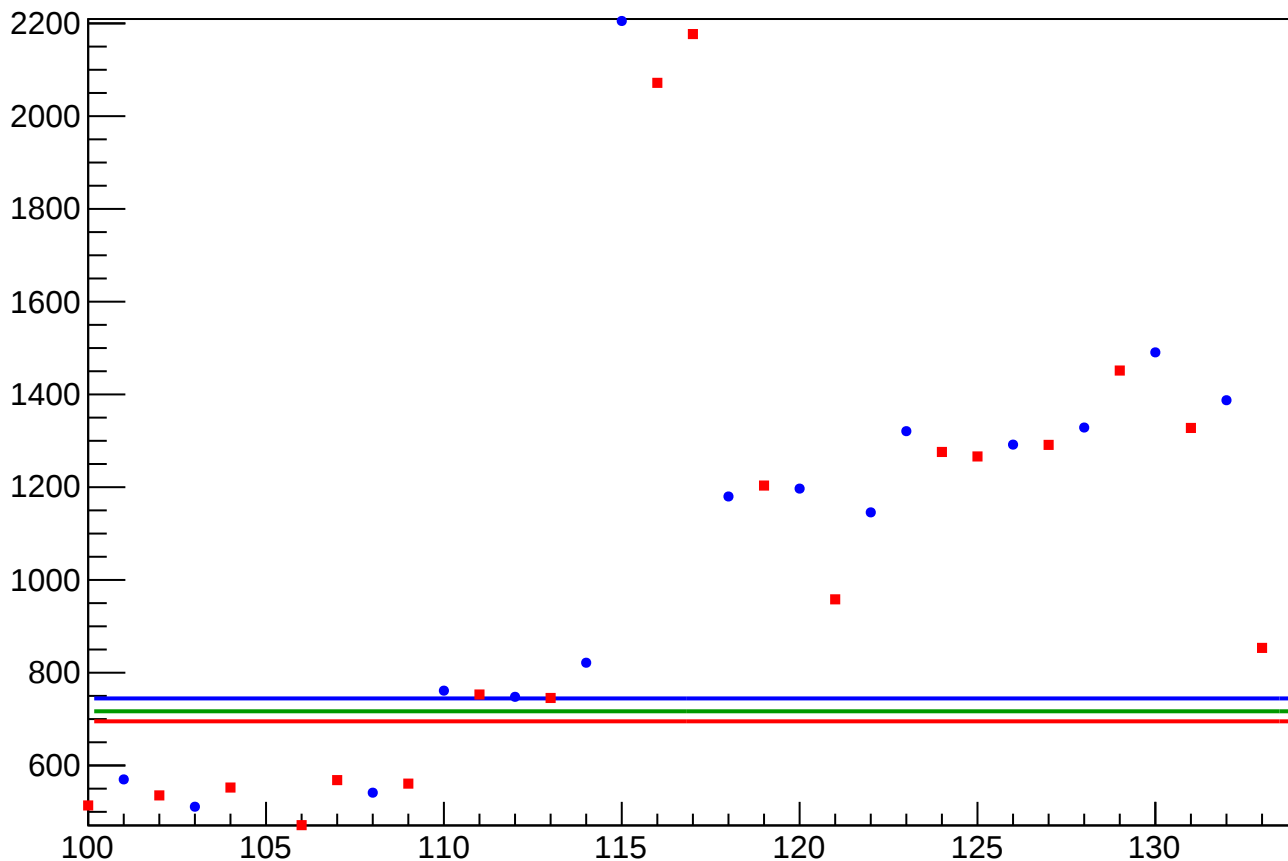
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-271.757+/-334.133 χ^2 /NDF: 15.7/15

-344.194+/-221.208 χ^2 /NDF: 38.1/33

-400.715+/-295.152 χ^2 /NDF: 22.3/17

asym_sam5_rms vs Slug, Sign Corrected



Right In: 744.552+/-0.236 χ^2/NDF : 1675386.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.167+/-0.209 χ^2/NDF : 1709107.3/17

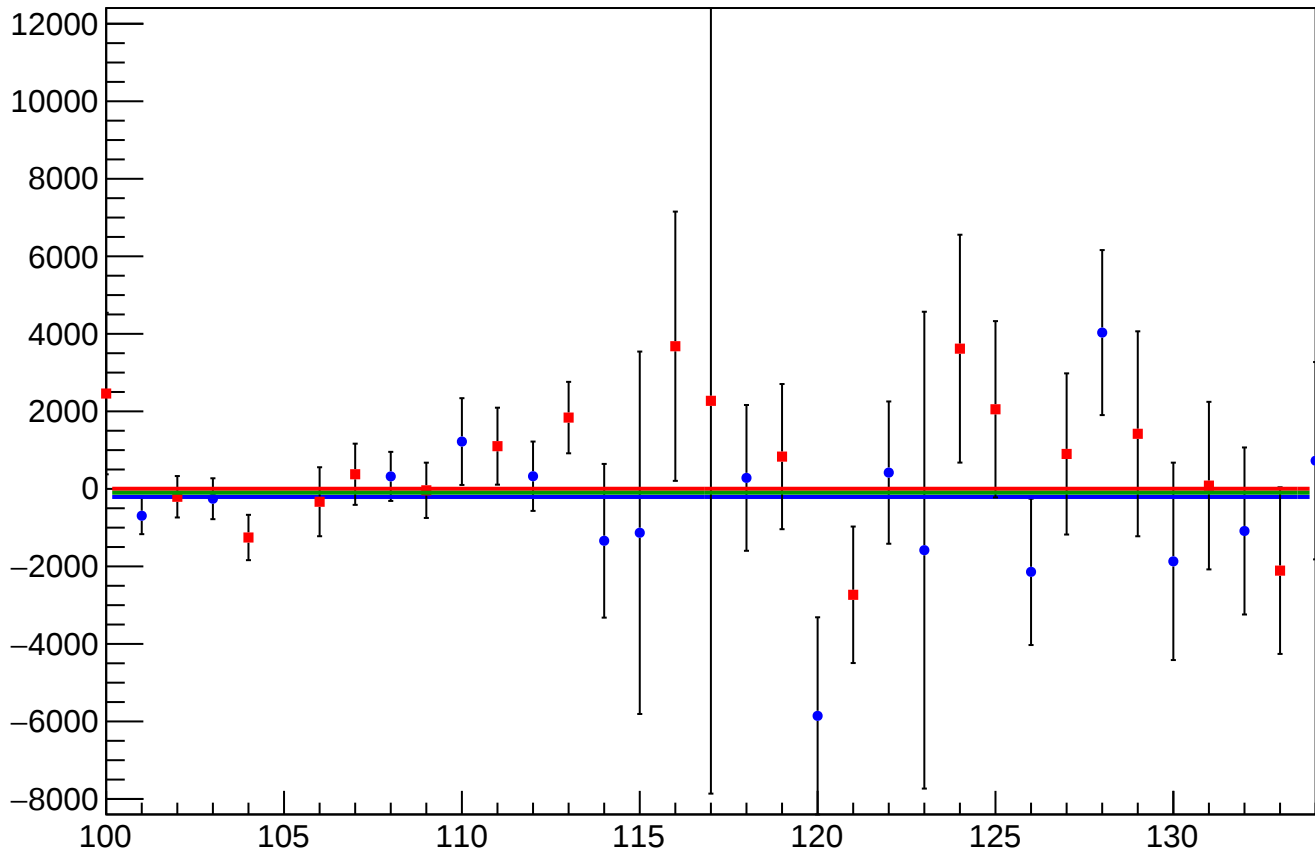
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

744.552+/-0.236 χ^2/NDF : 1675386.7/15

716.812+/-0.156 χ^2/NDF : 3409034.7/33

695.167+/-0.209 χ^2/NDF : 1709107.3/17

asym_sam6_mean vs Slug, Sign Corrected



Right In: -208.787+/-261.160 χ^2 /NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3.437+/-254.046 χ^2 /NDF: 19.3/17

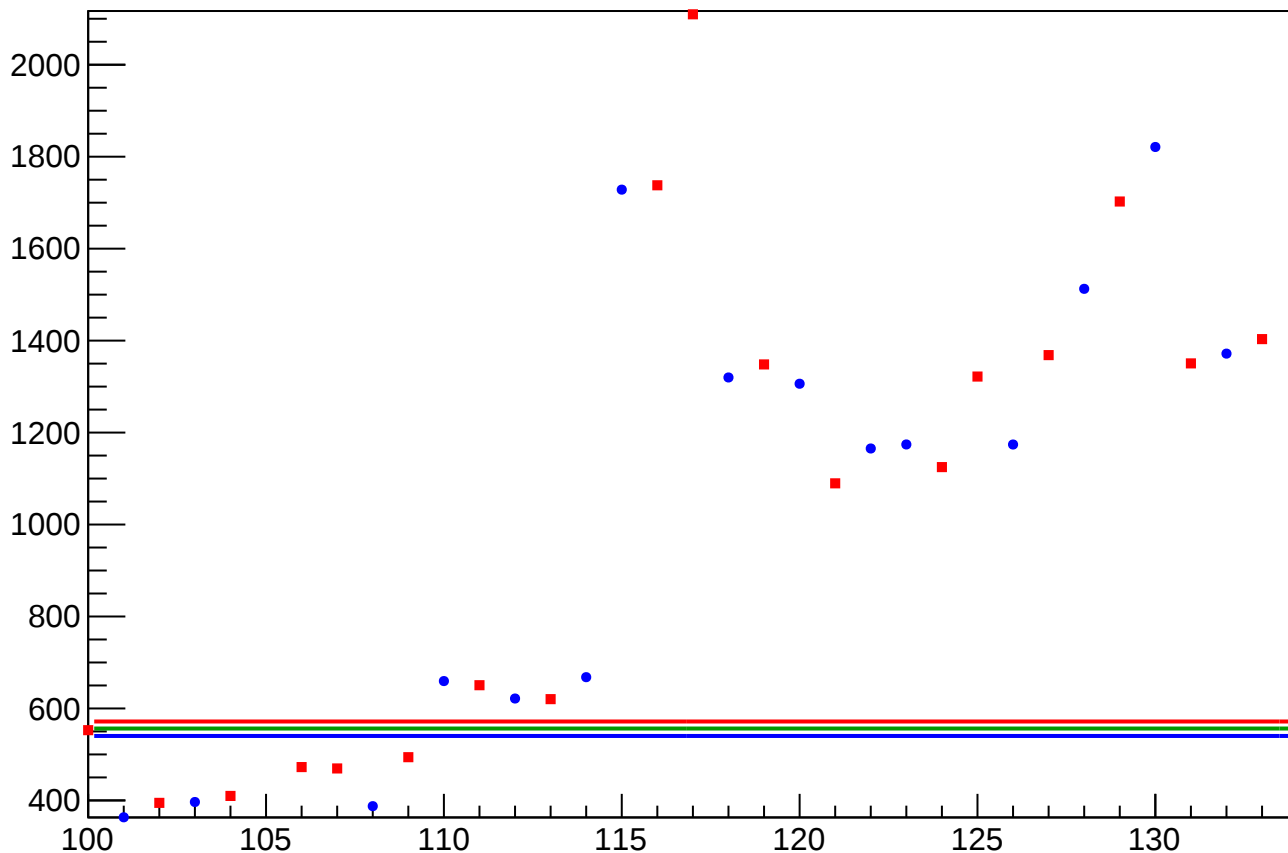
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-208.787+/-261.160 χ^2 /NDF: 15.0/15

-99.745+/-182.101 χ^2 /NDF: 34.6/33

3.437+/-254.046 χ^2 /NDF: 19.3/17

asym_sam6_rms vs Slug, Sign Corrected



Right In: 540.187+/-0.185 χ^2/NDF : 3044888.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.658+/-0.180 χ^2/NDF : 2768596.1/17

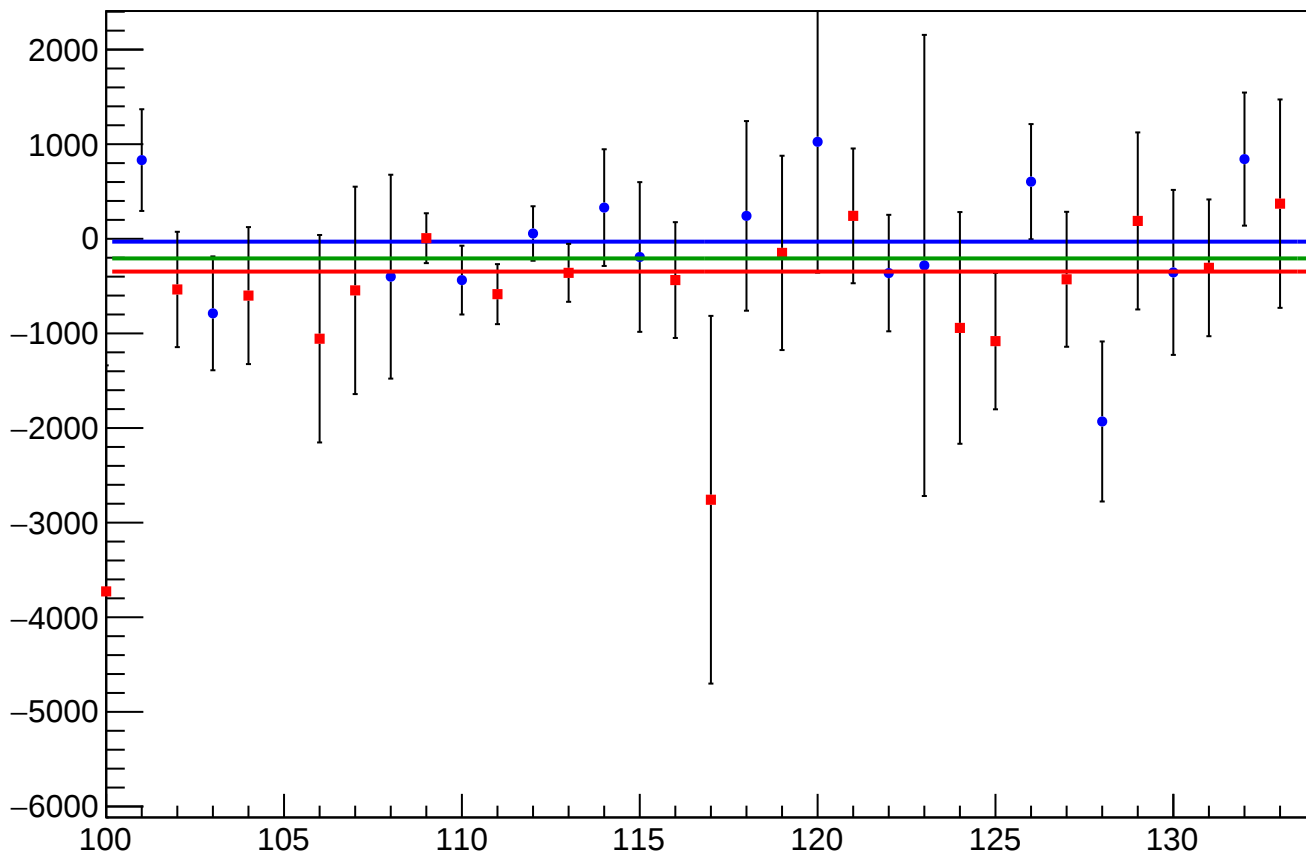
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

540.187+/-0.185 χ^2/NDF : 3044888.0/15

556.357+/-0.129 χ^2/NDF : 5828407.1/33

571.658+/-0.180 χ^2/NDF : 2768596.1/17

asym_sam7_mean vs Slug, Sign Corrected



Right In: -30.093+/-151.216 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -346.353+/-133.930 χ^2/NDF : 9.4/17

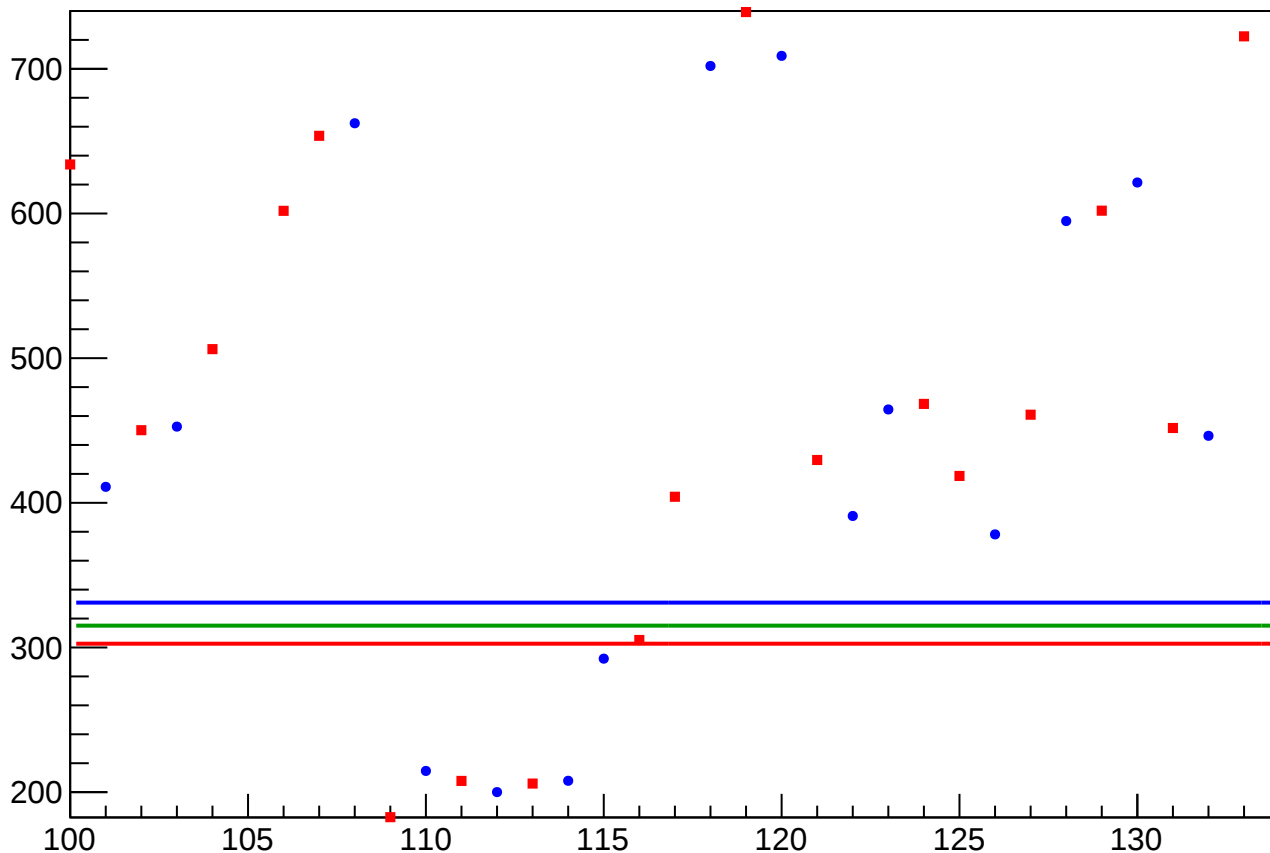
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.093+/-151.216 χ^2/NDF : 15.0/15

-207.324+/-100.260 χ^2/NDF : 26.8/33

-346.353+/-133.930 χ^2/NDF : 9.4/17

asym_sam7_rms vs Slug, Sign Corrected



Right In: 331.021+/-0.107 χ^2/NDF : 1964823.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.619+/-0.095 χ^2/NDF : 2658947.3/17

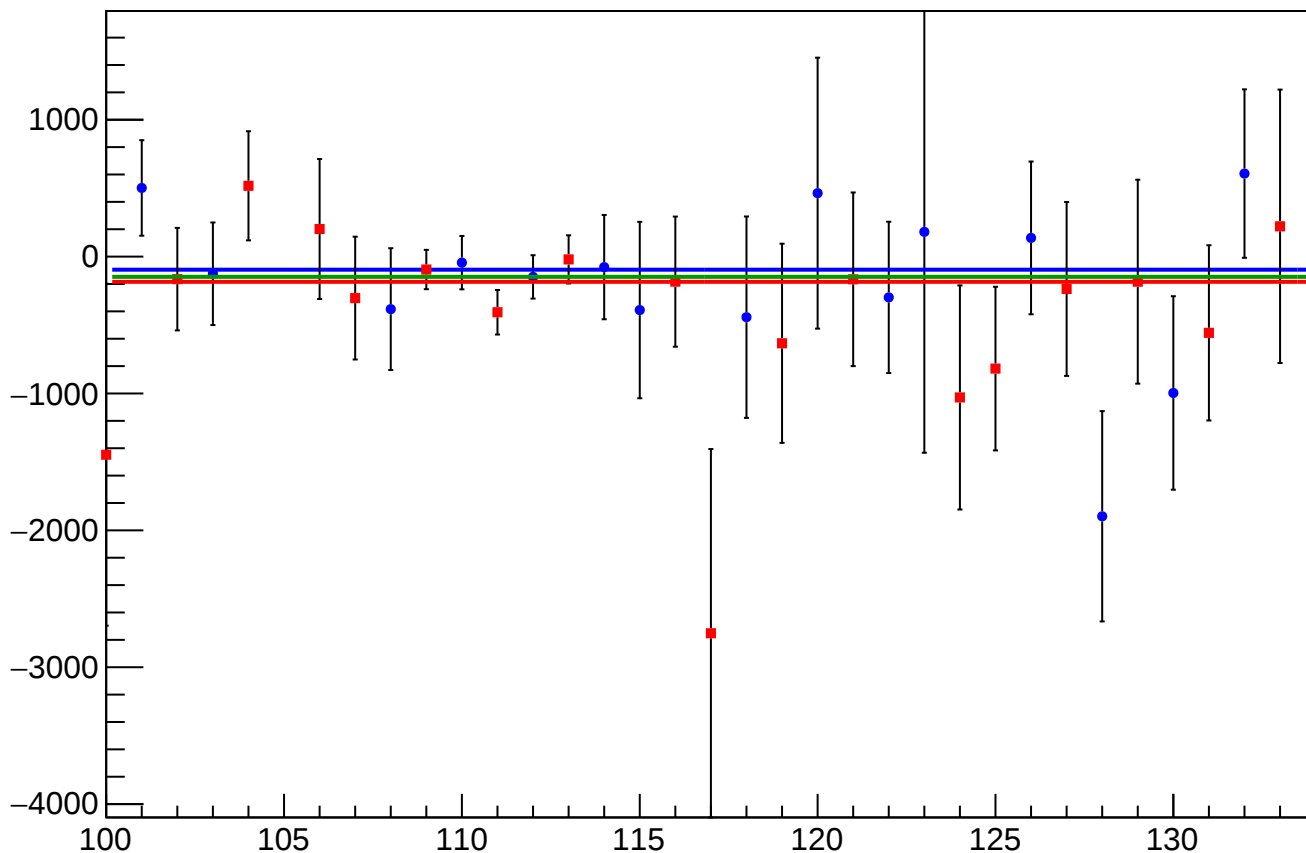
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

331.021+/-0.107 χ^2/NDF : 1964823.4/15

315.105+/-0.071 χ^2/NDF : 4663307.7/33

302.619+/-0.095 χ^2/NDF : 2658947.3/17

asym_sam8_mean vs Slug, Sign Corrected



Right In: -95.512 ± 94.009 χ^2/NDF : 13.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -184.132 ± 78.387 χ^2/NDF : 14.6/17

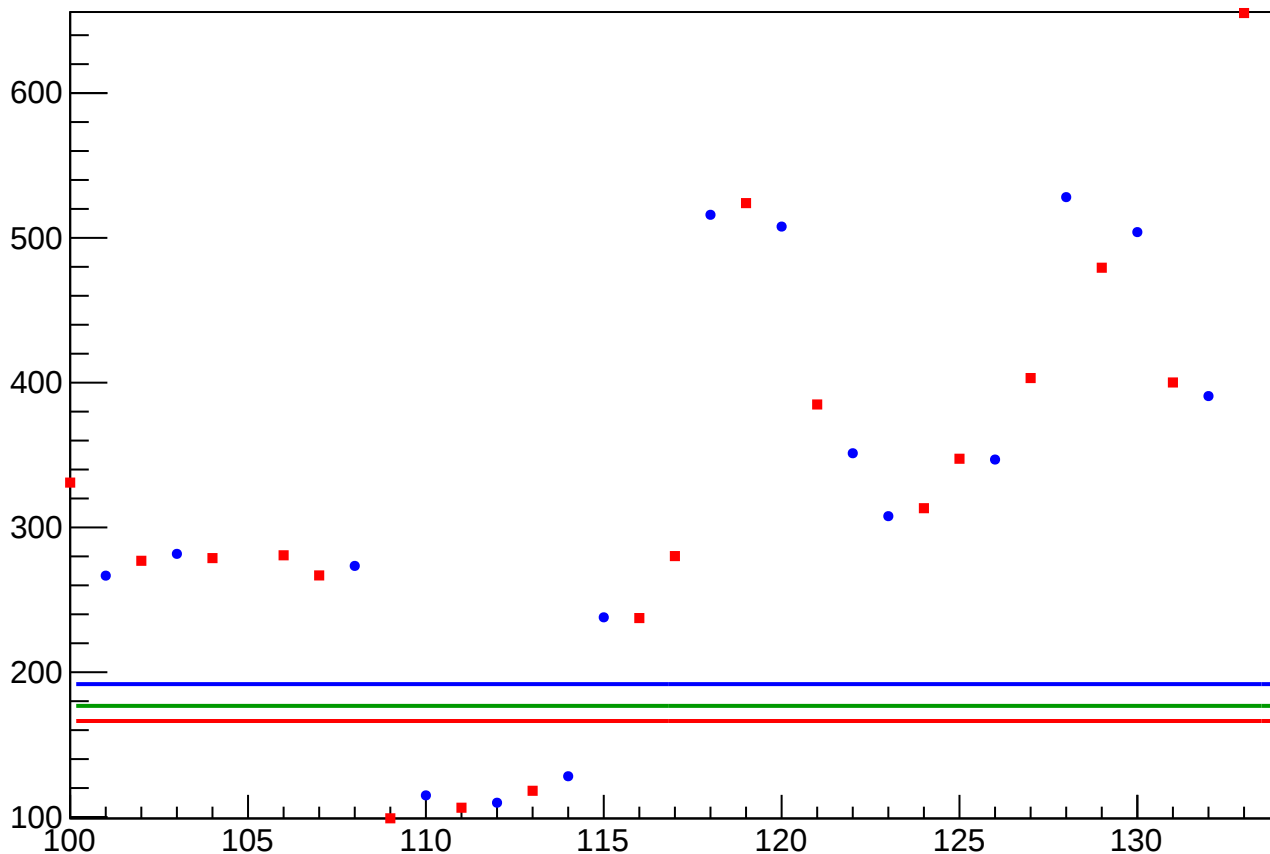
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-95.512 ± 94.009 χ^2/NDF : 13.7/15

-147.787 ± 60.204 χ^2/NDF : 28.9/33

-184.132 ± 78.387 χ^2/NDF : 14.6/17

asym_sam8_rms vs Slug, Sign Corrected



Right In: 191.781+/-0.066 χ^2/NDF : 3168787.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.303+/-0.055 χ^2/NDF : 3833799.6/17

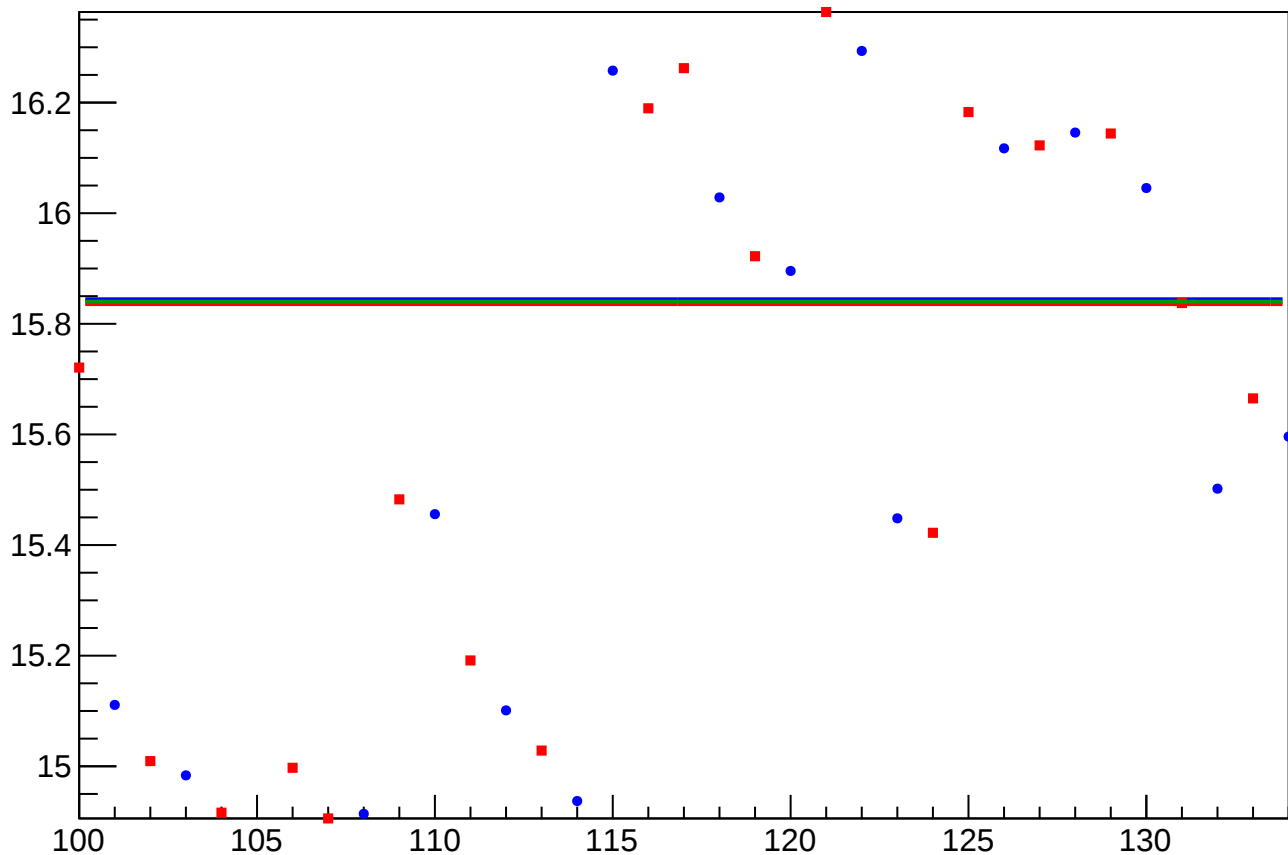
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.781+/-0.066 χ^2/NDF : 3168787.7/15

176.752+/-0.043 χ^2/NDF : 7089243.4/33

166.303+/-0.055 χ^2/NDF : 3833799.6/17

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.844+/-0.000 χ^2/NDF : 3853649058.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.836+/-0.000 χ^2/NDF : 4365028502.5/17

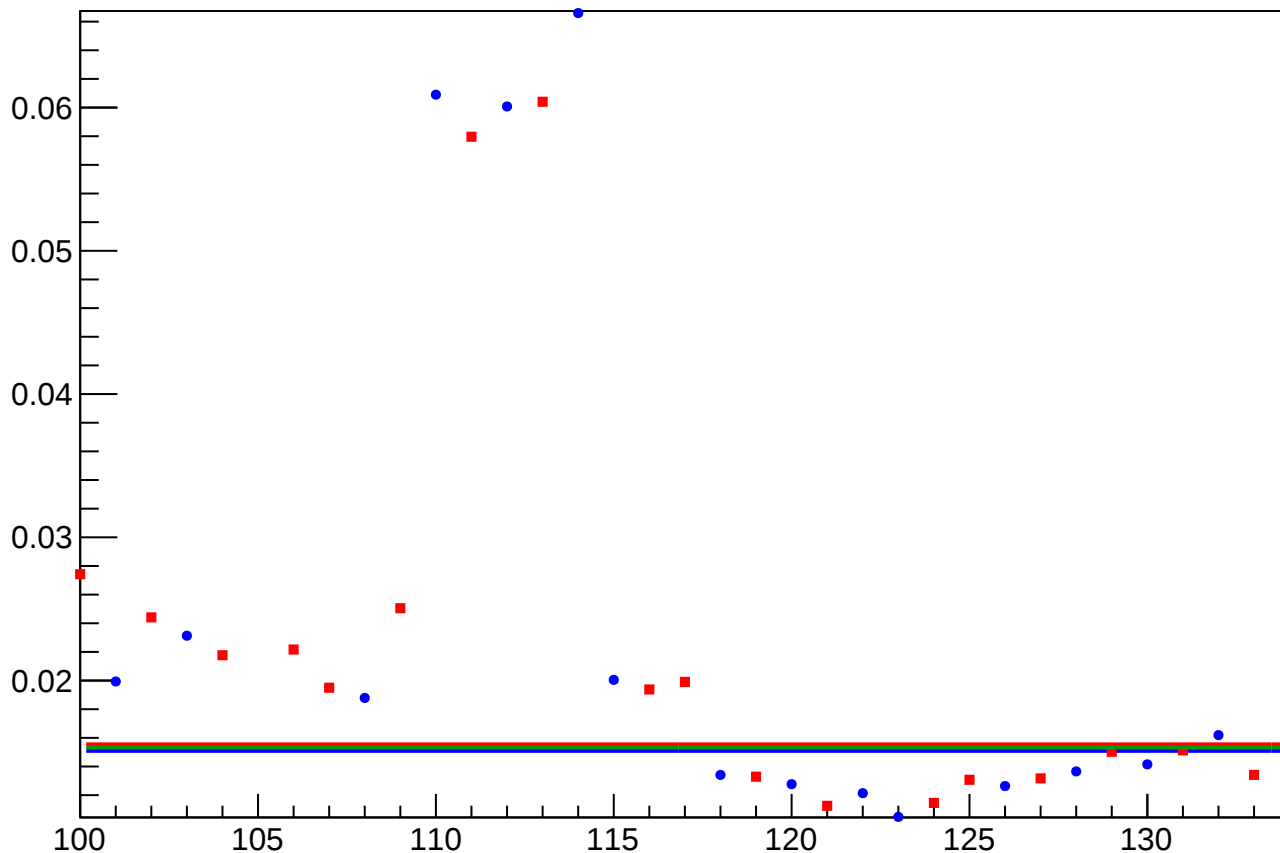
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.844+/-0.000 χ^2/NDF : 3853649058.6/15

15.840+/-0.000 χ^2/NDF : 8219457003.9/3

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 : 1378846.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1569546.3/17

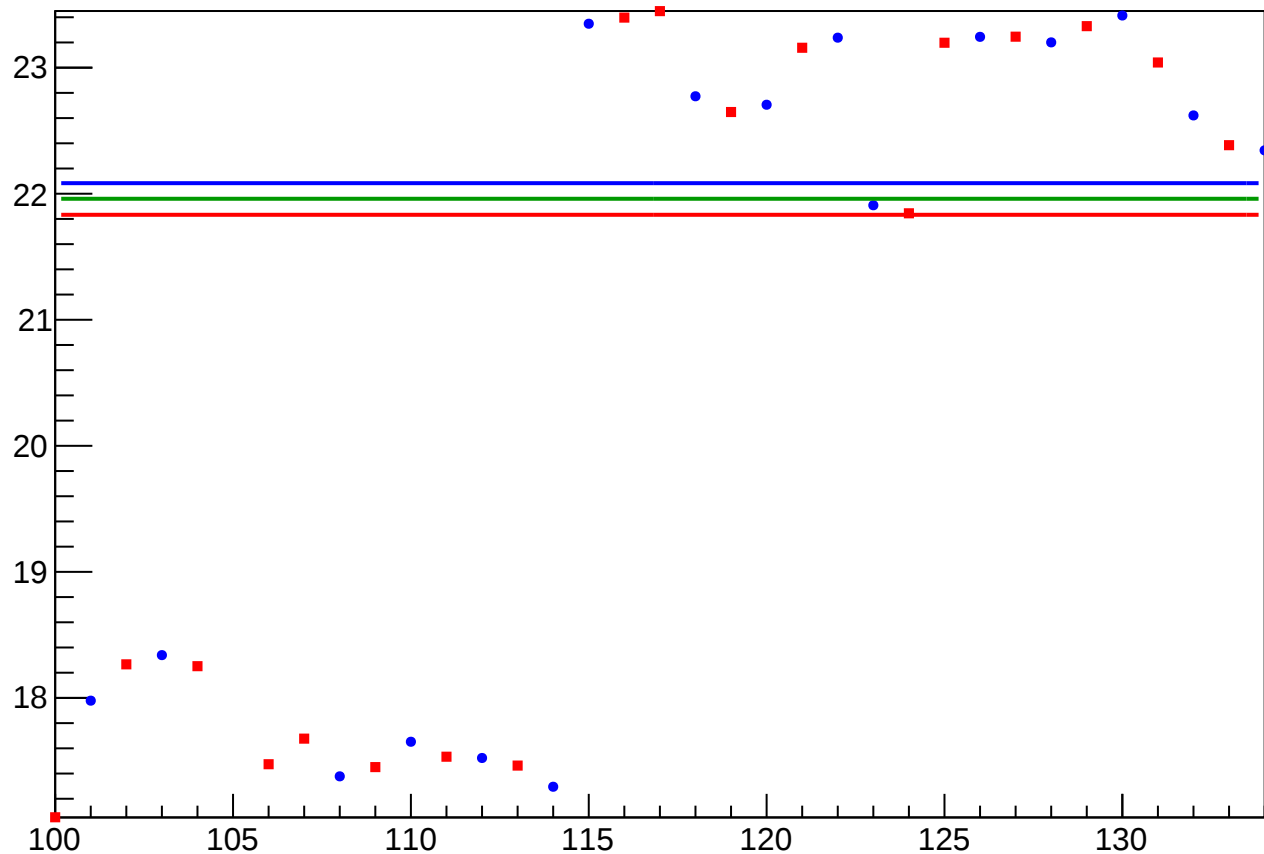
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1378846.2/15

0.015+/-0.000 χ^2/NDF : 2952662.2/33

0.016+/-0.000 χ^2/NDF : 1569546.3/17

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.084 $\pm$ 0.000 χ^2/NDF : 905516592.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 21.833 $\pm$ 0.000 χ^2/NDF : 1039346223.6/17

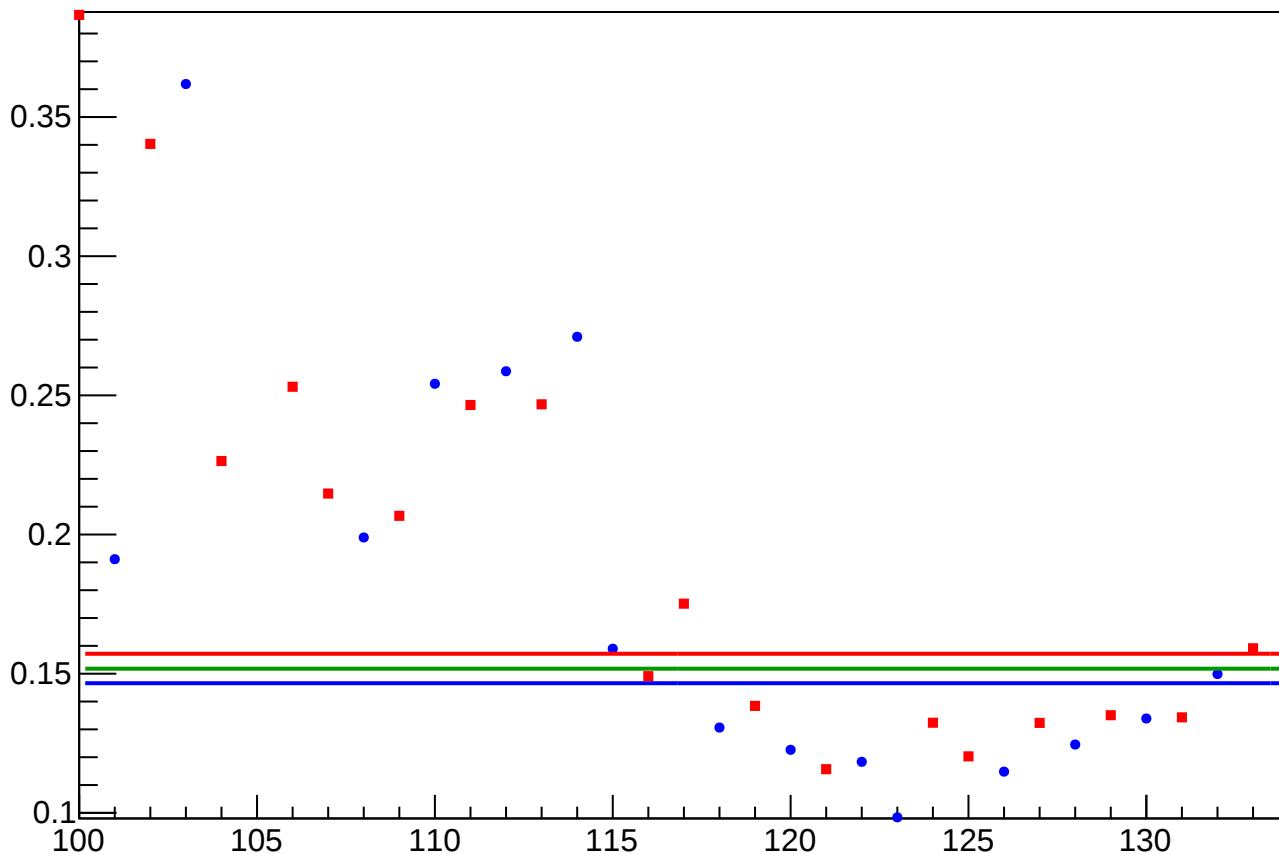
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

22.084 $\pm$ 0.000 χ^2/NDF : 905516592.9/15

21.960 $\pm$ 0.000 χ^2/NDF : 1951541965.0/3

21.833 $\pm$ 0.000 χ^2/NDF : 1039346223.6/17

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.147+/-0.000 χ^2/NDF : 994167.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.157+/-0.000 χ^2/NDF : 1029253.5/17

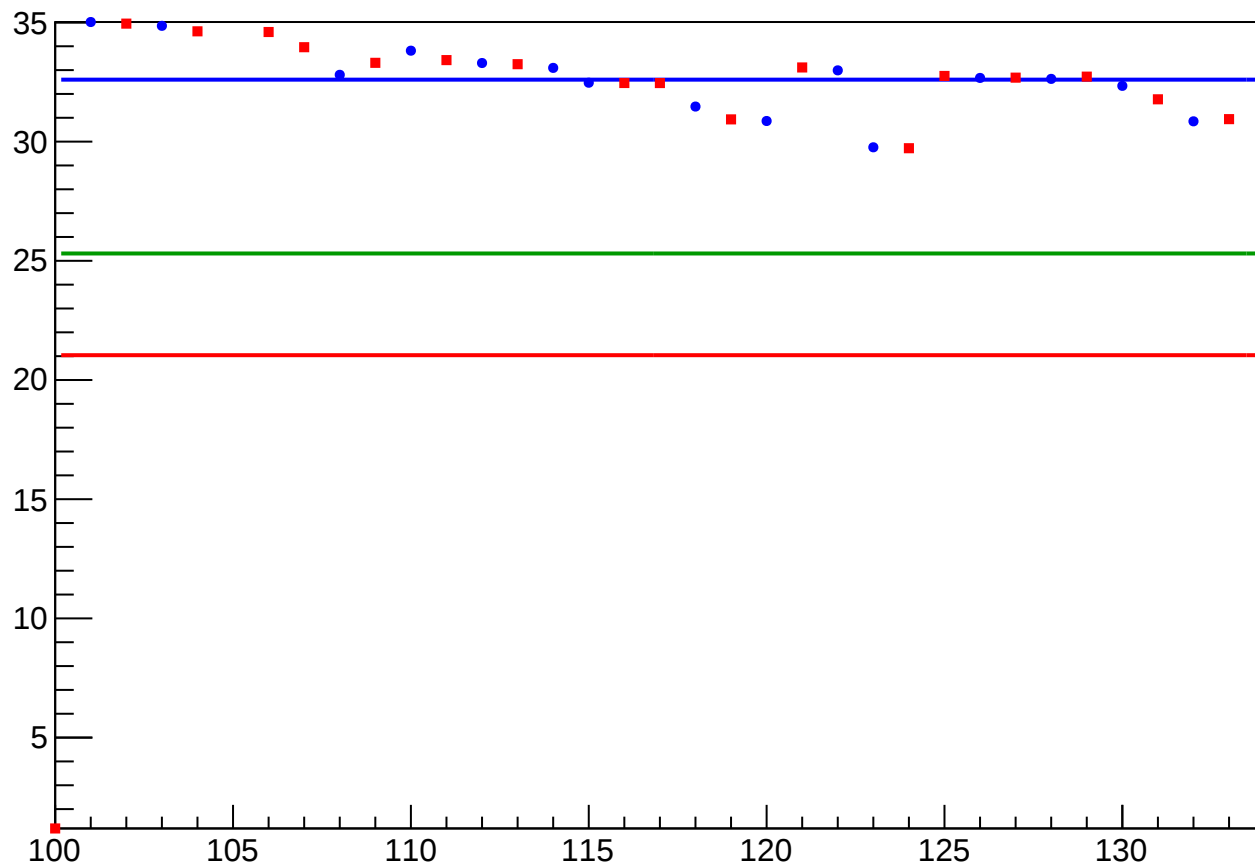
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.147+/-0.000 χ^2/NDF : 994167.1/15

0.152+/-0.000 χ^2/NDF : 2047178.9/33

0.157+/-0.000 χ^2/NDF : 1029253.5/17

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.599+/-0.000 χ^2/NDF : 609605554.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.041+/-0.000 χ^2/NDF : 223567478316.0/17

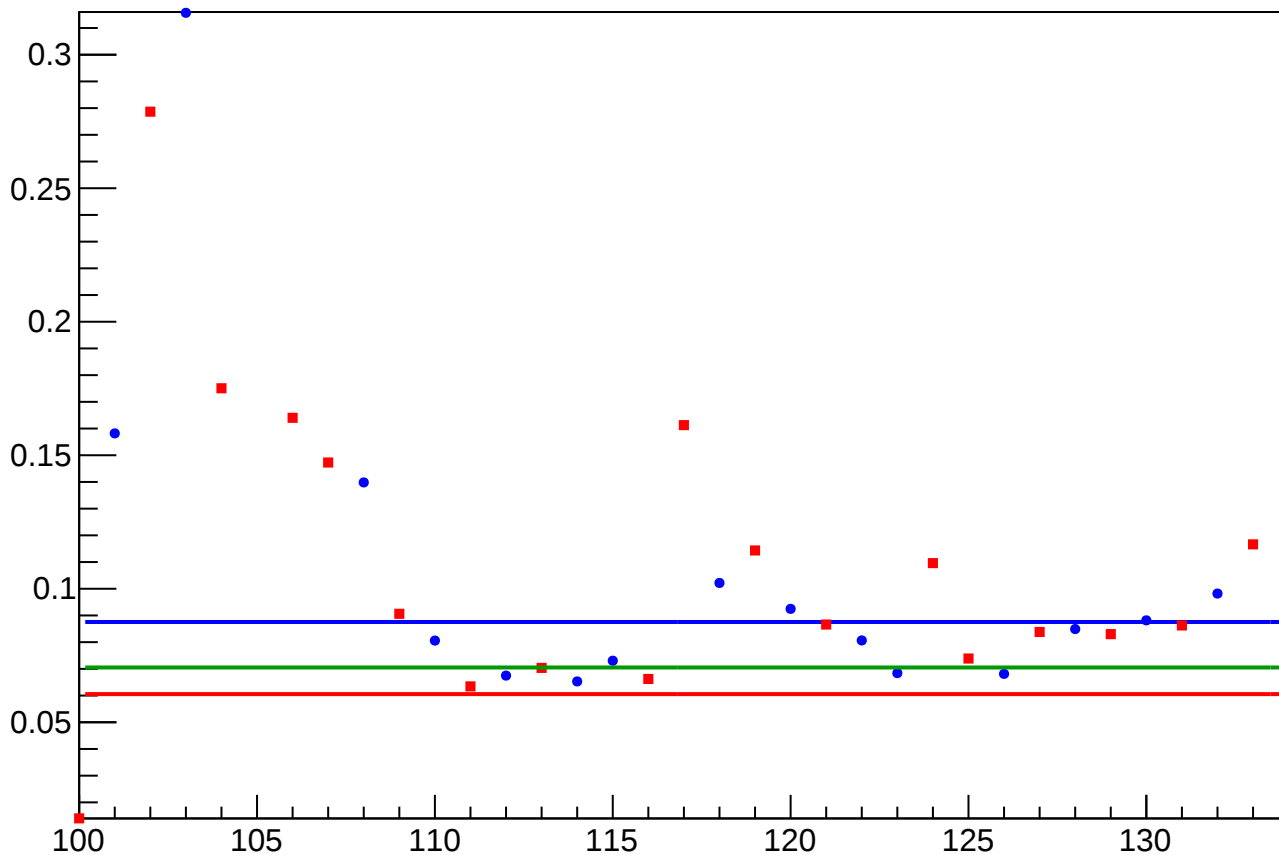
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.599+/-0.000 χ^2/NDF : 609605554.3/15

25.308+/-0.000 χ^2/NDF : 271401839119.5

21.041+/-0.000 χ^2/NDF : 223567478316.0/17

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.000 χ^2 /NDF: 1051253.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.000 χ^2 /NDF: 3619328.0/17

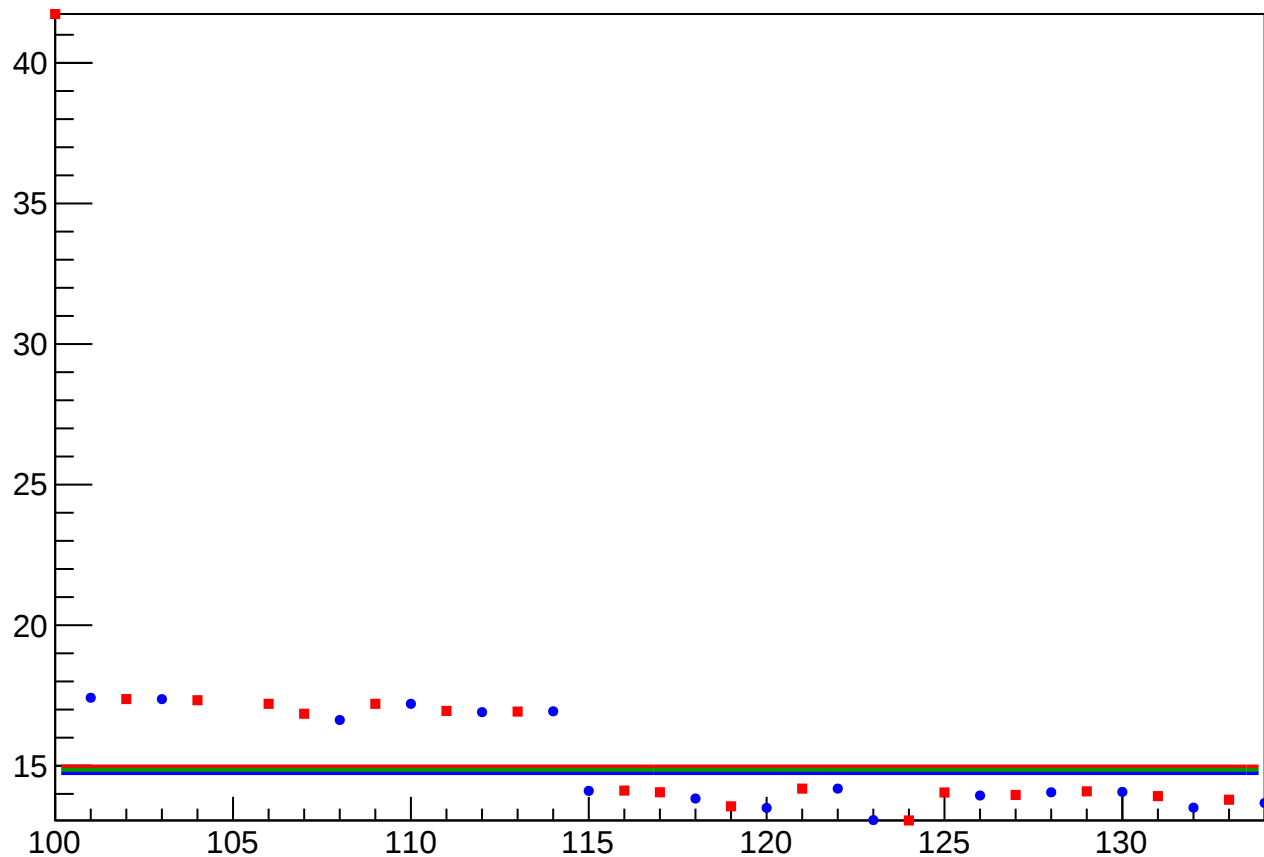
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.088 $\pm$ 0.000 χ^2 /NDF: 1051253.2/15

0.071 $\pm$ 0.000 χ^2 /NDF: 5186329.9/33

0.061 $\pm$ 0.000 χ^2 /NDF: 3619328.0/17

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.741+/-0.000 χ^2/NDF : 1355464467.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.973+/-0.000 χ^2/NDF : 1747844231.7/17

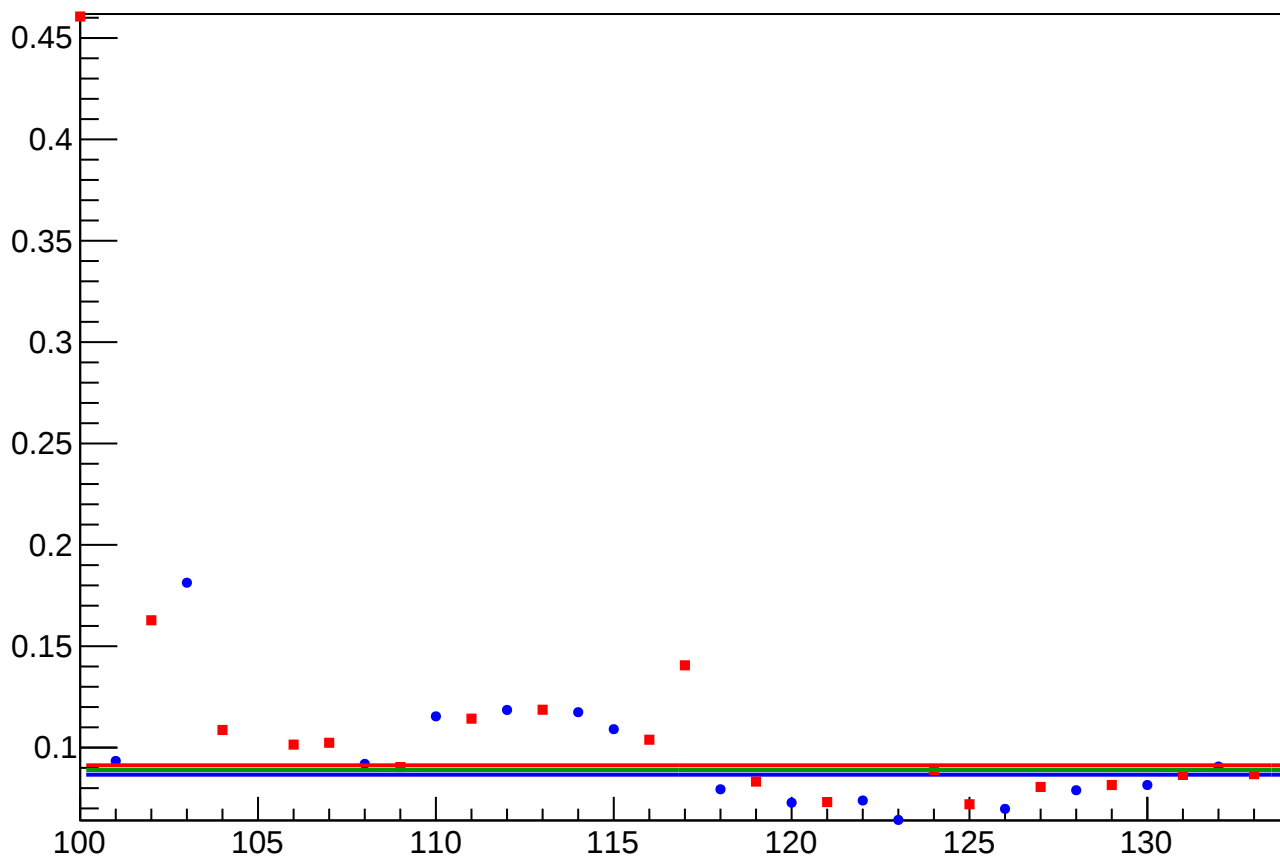
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.741+/-0.000 χ^2/NDF : 1355464467.4/15

14.857+/-0.000 χ^2/NDF : 3120770913.2/3

14.973+/-0.000 χ^2/NDF : 1747844231.7/17

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.087 $\pm$ 0.000 χ^2/NDF : 555418.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.091 $\pm$ 0.000 χ^2/NDF : 530479.2/17

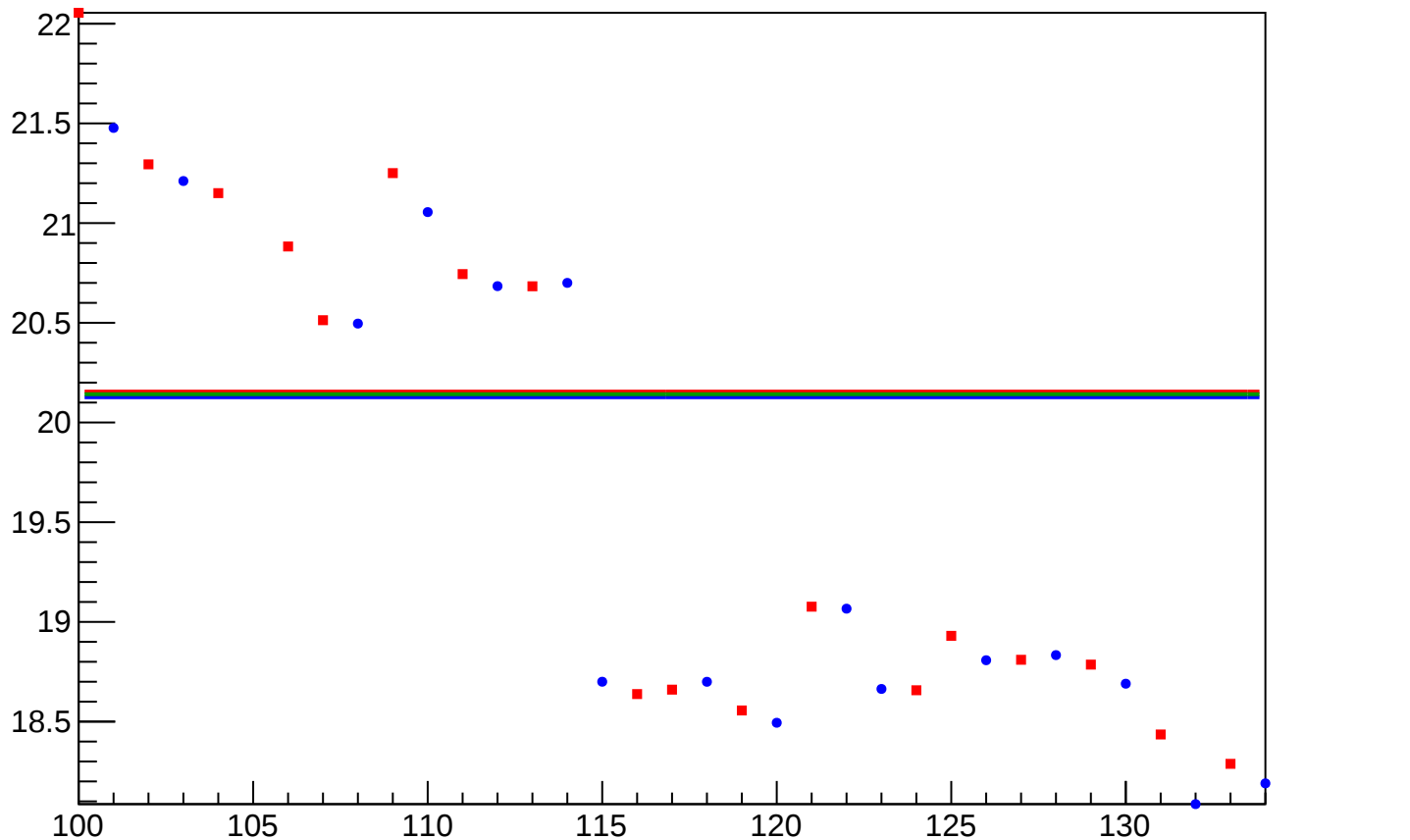
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.087 $\pm$ 0.000 χ^2/NDF : 555418.0/15

0.089 $\pm$ 0.000 χ^2/NDF : 1099790.4/33

0.091 $\pm$ 0.000 χ^2/NDF : 530479.2/17

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.127+/-0.000 χ^2/NDF : 7418187042.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.155+/-0.000 χ^2/NDF : 7831685863.8/17

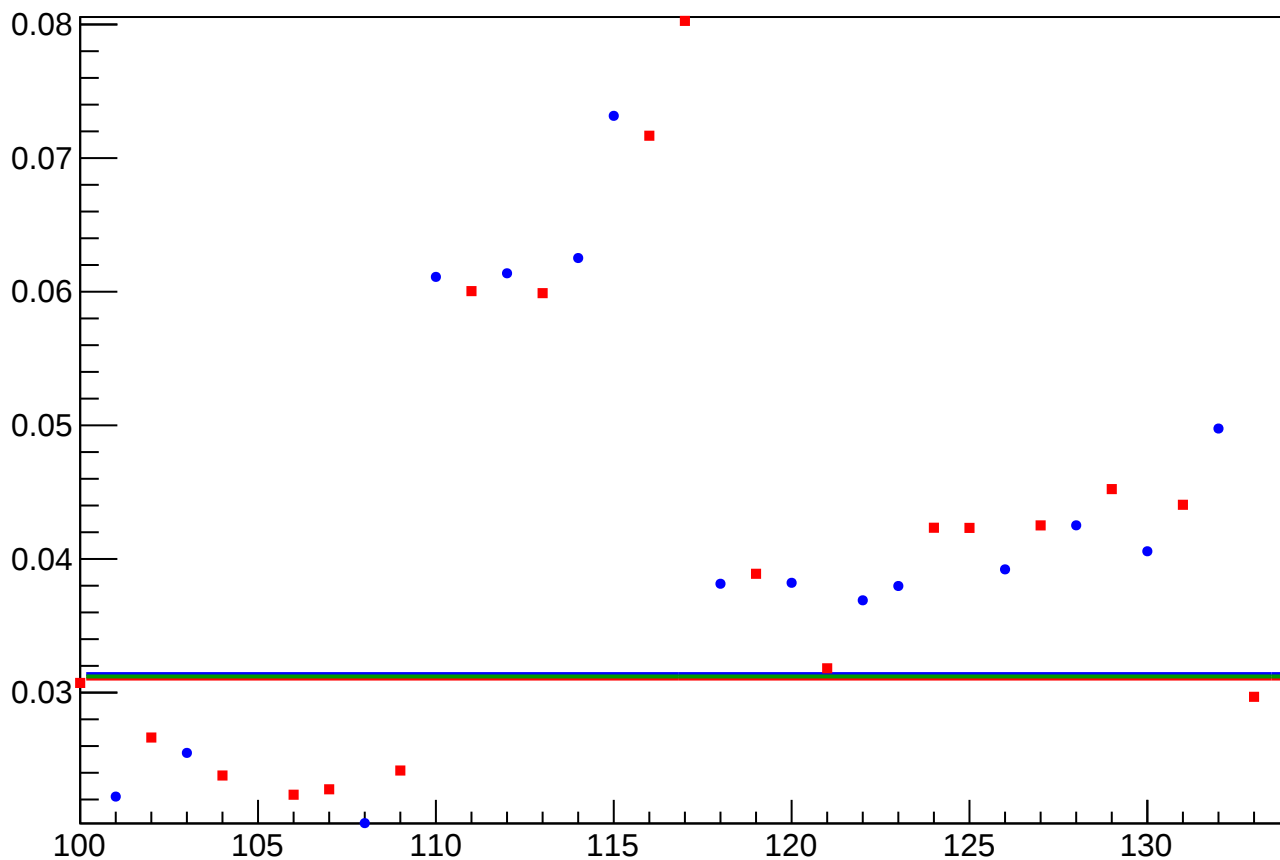
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.127+/-0.000 χ^2/NDF : 7418187042.2/15

20.142+/-0.000 χ^2/NDF : 15251921203.4/15

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 : 1257718.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1199570.7/17

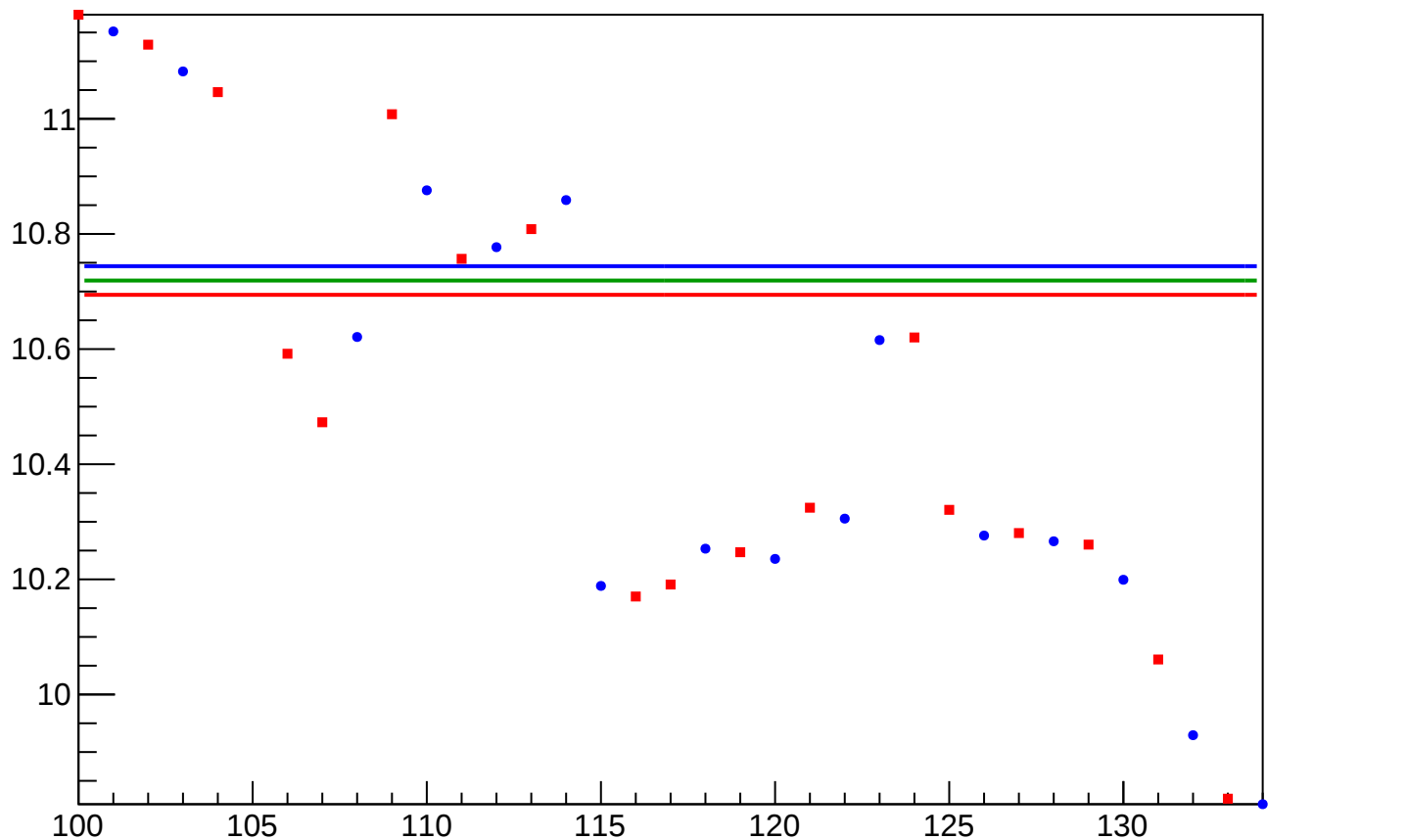
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 1257718.6/15

0.031+/-0.000 χ^2/NDF : 2457868.9/33

0.031+/-0.000 χ^2/NDF : 1199570.7/17

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.744+/-0.000 χ^2 /NDF: 3647770199.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 10.694+/-0.000 χ^2 /NDF: 3197943143.5/17

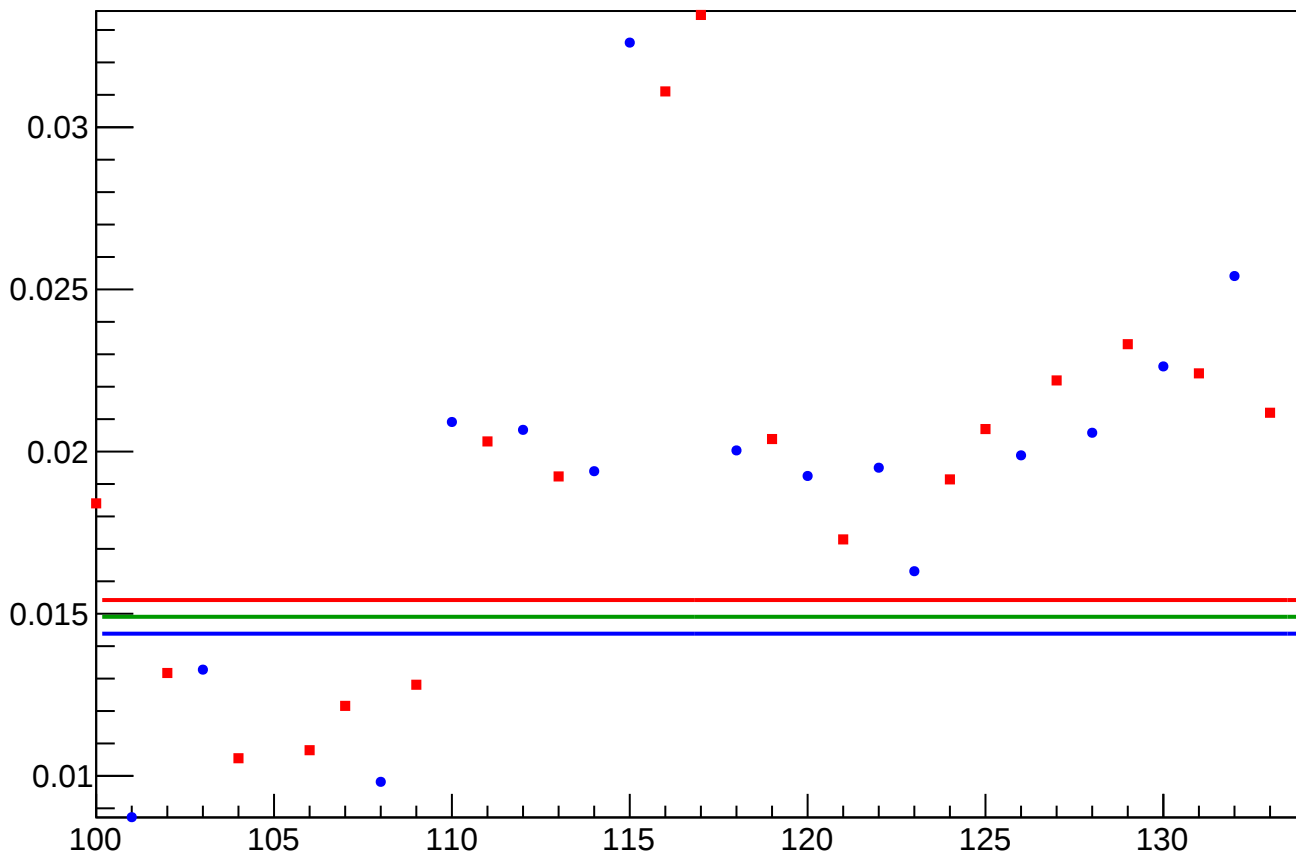
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.744+/-0.000 χ^2 /NDF: 3647770199.8/15

10.719+/-0.000 χ^2 /NDF: 6873368515.4/3

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 : 1405947.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1006466.8/17

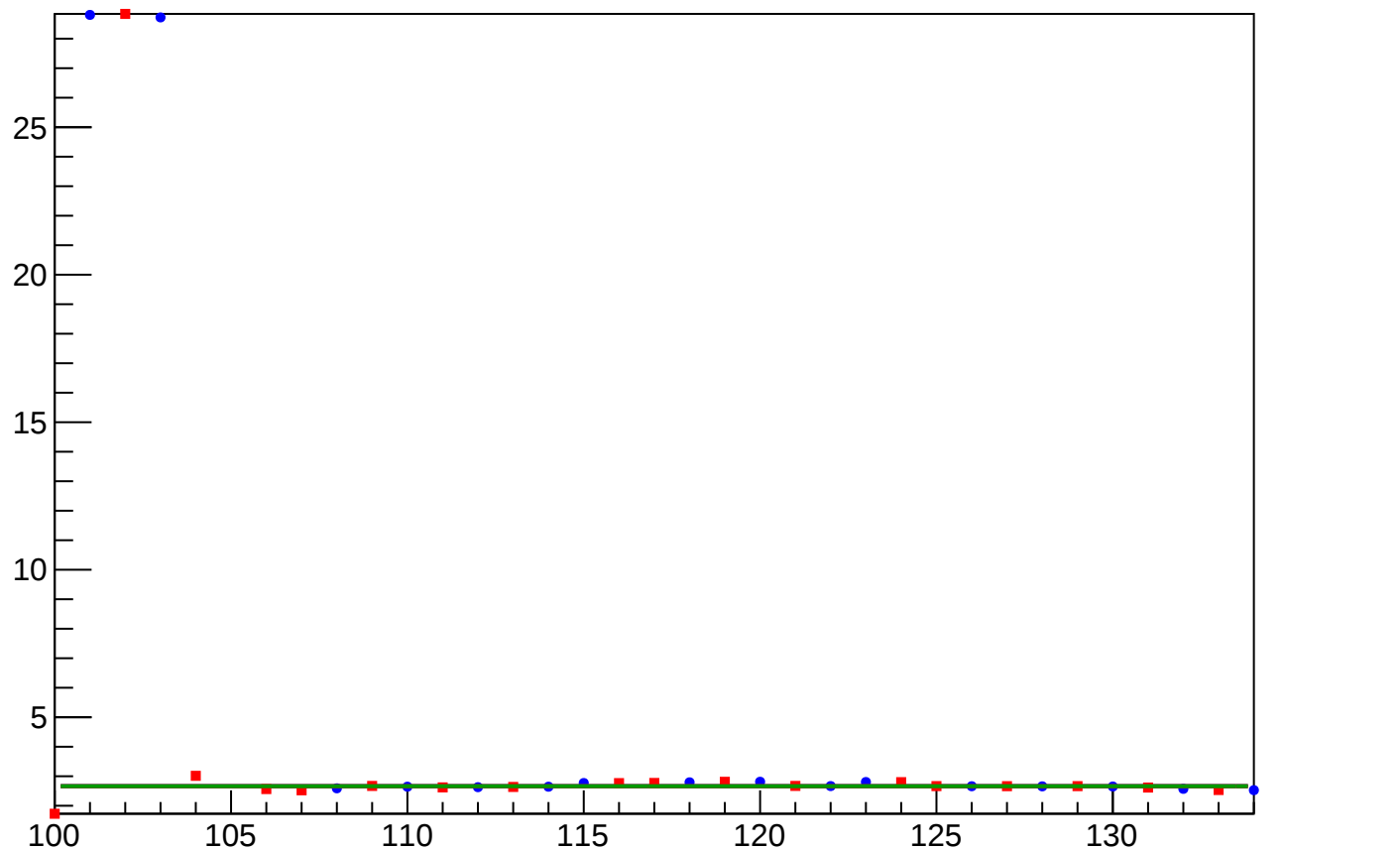
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1405947.8/15

0.015+/-0.000 χ^2/NDF : 2436415.0/33

0.015+/-0.000 χ^2/NDF : 1006466.8/17

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.664+/-0.000 χ^2/NDF : 163116146836.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.663+/-0.000 χ^2/NDF : 70462658217.2/17

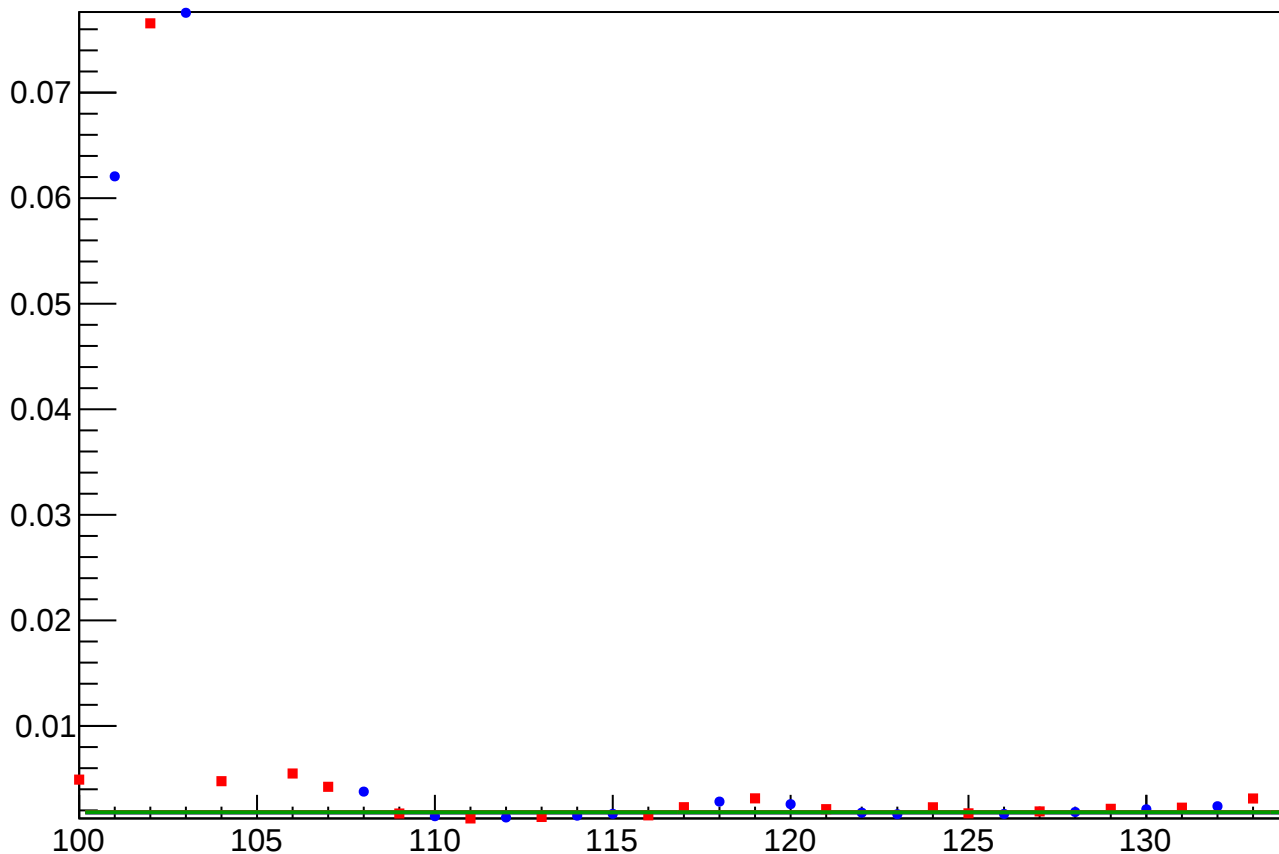
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.664+/-0.000 χ^2/NDF : 163116146836.0/15

2.663+/-0.000 χ^2/NDF : 233578949213.3/17

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 : 2660588.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2323332.7/17

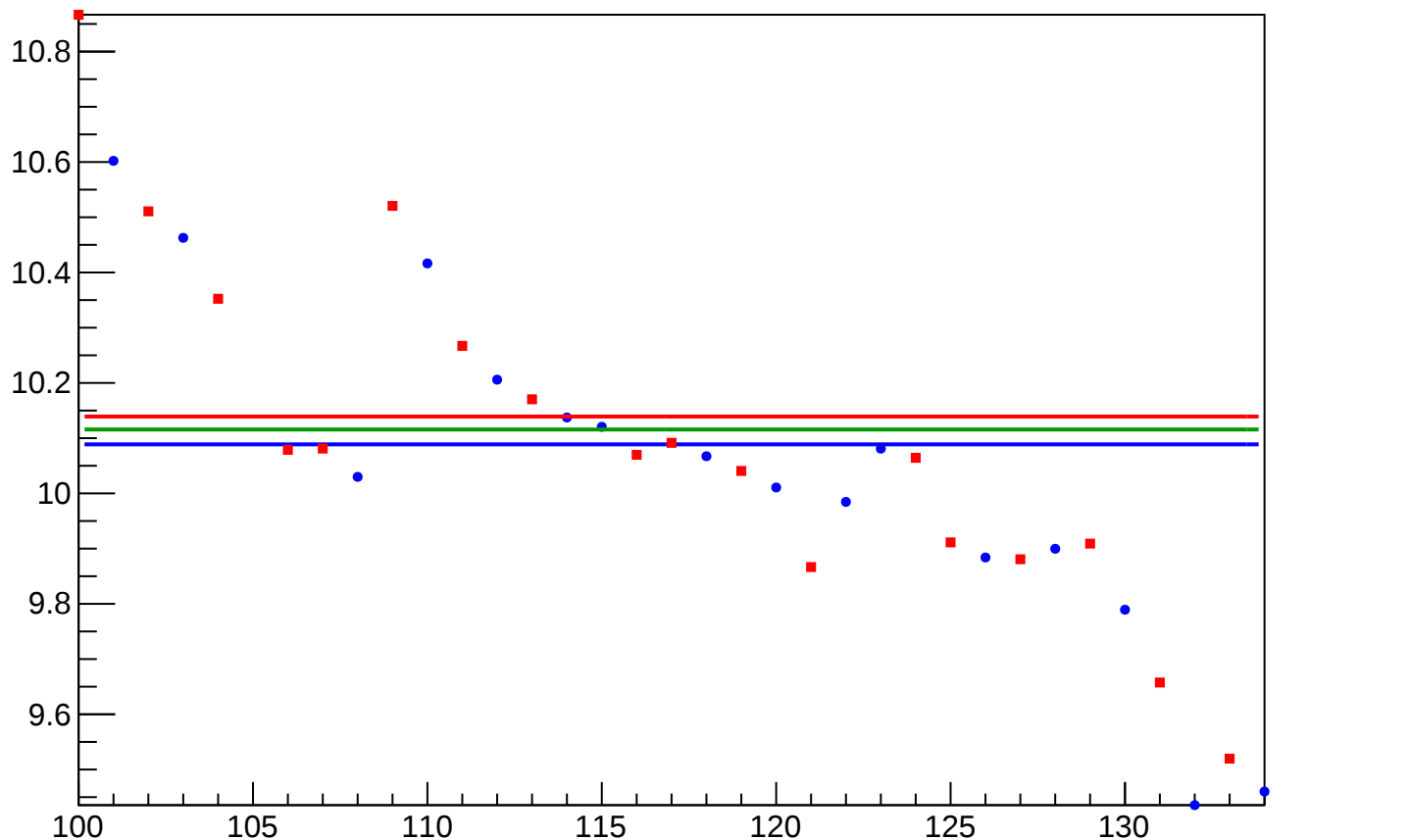
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2660588.9/15

0.002+/-0.000 χ^2/NDF : 4984458.7/33

0.002+/-0.000 χ^2/NDF : 2323332.7/17

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.089+/-0.000 χ^2/NDF : 9868978691.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.139+/-0.000 χ^2/NDF : 9033984567.7/17

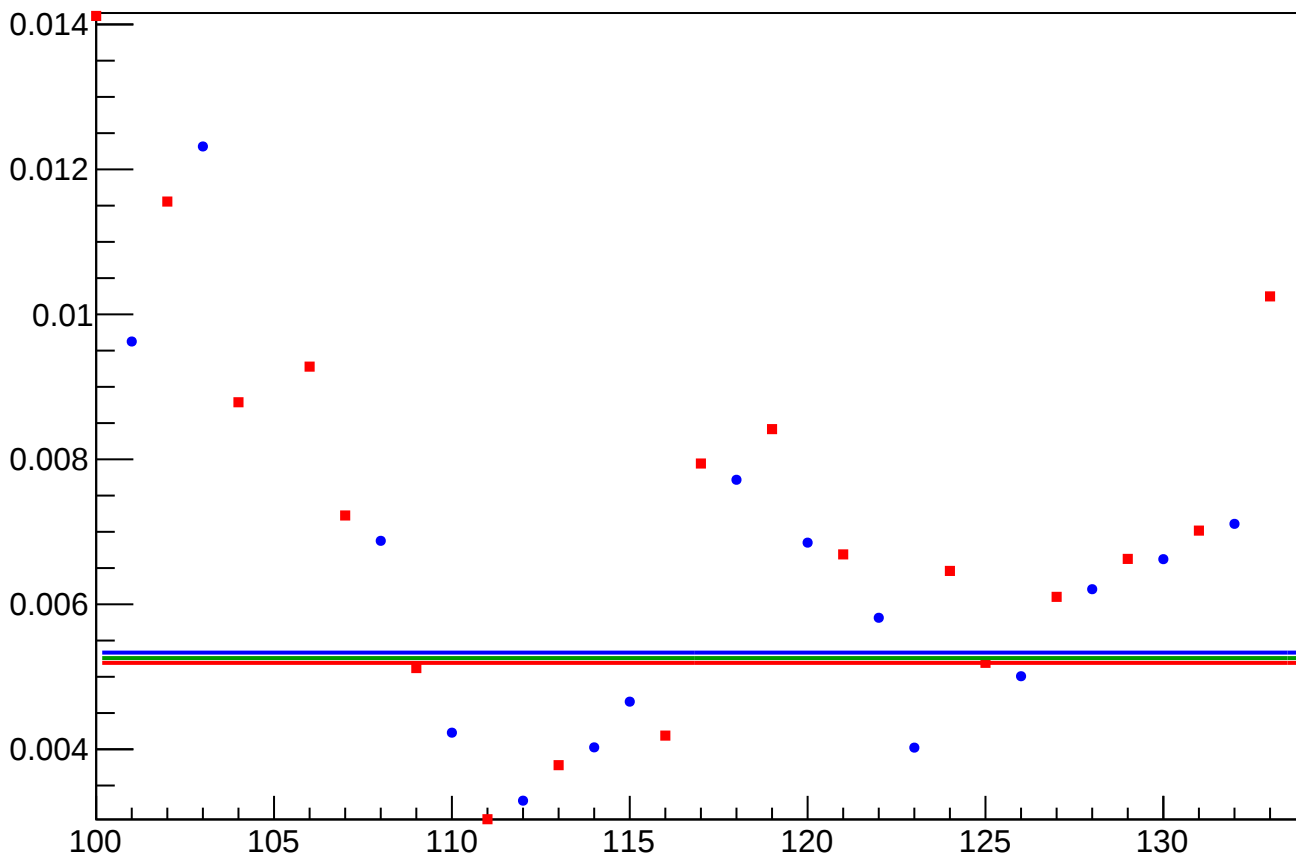
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.089+/-0.000 χ^2/NDF : 9868978691.9/15

10.116+/-0.000 χ^2/NDF : 19109982352.3/17

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 : 1238204.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1658270.5/17

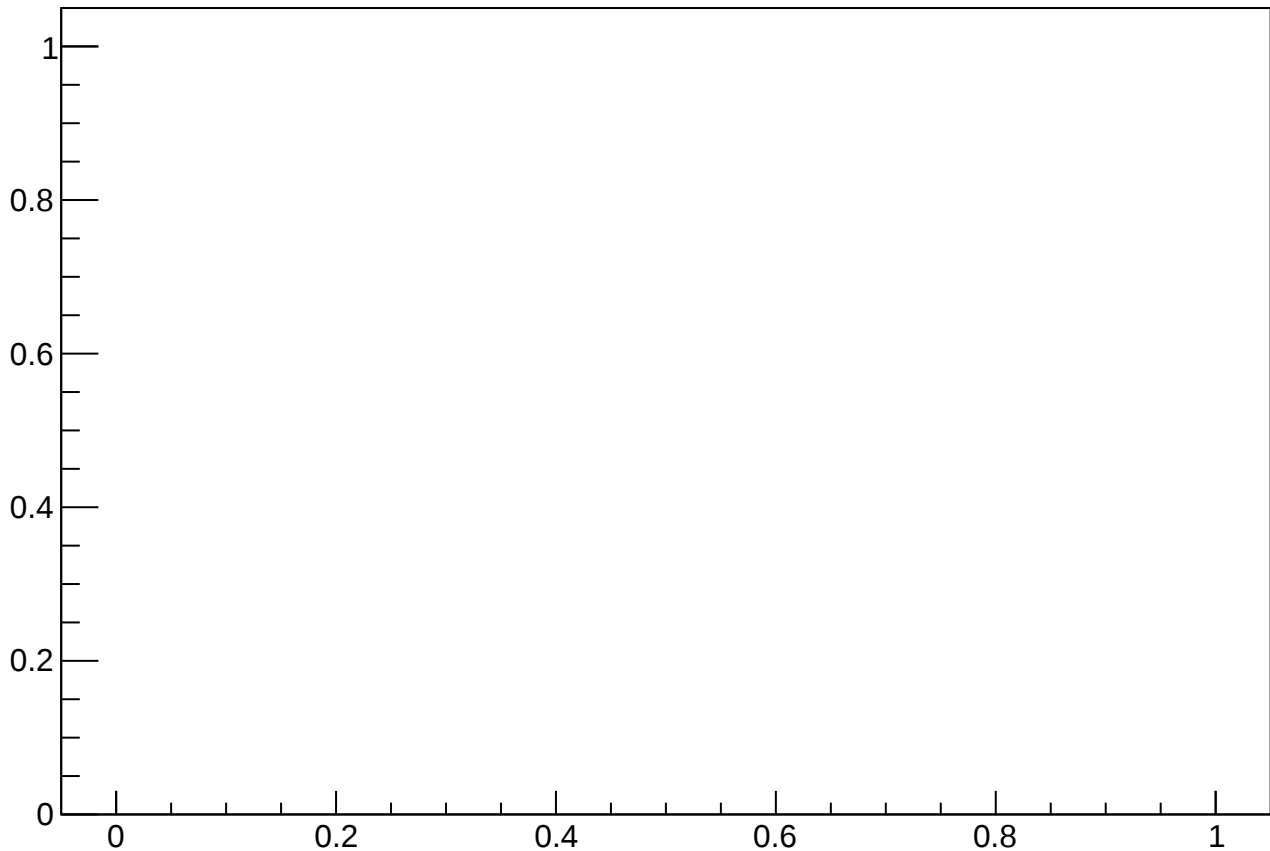
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1238204.6/15

0.005+/-0.000 χ^2/NDF : 2899767.1/33

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

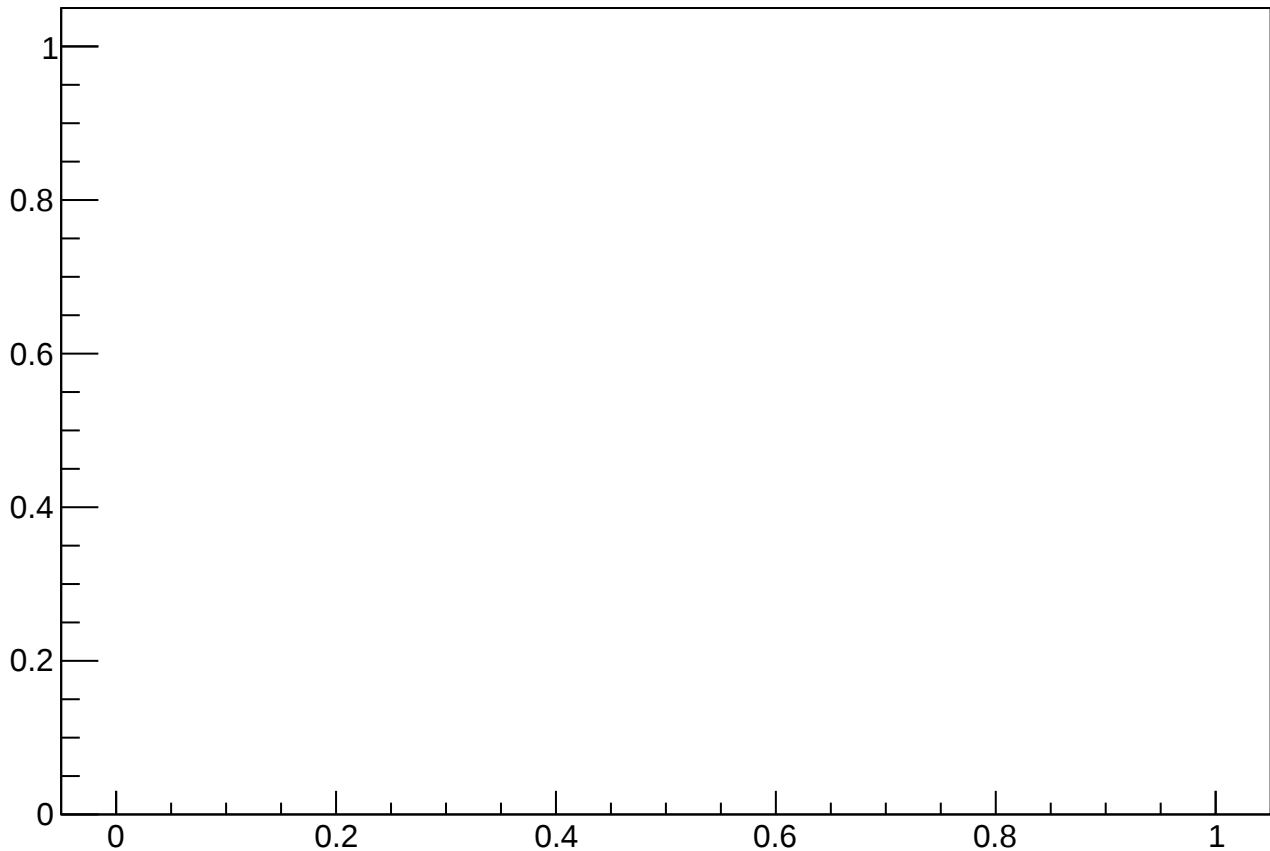
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

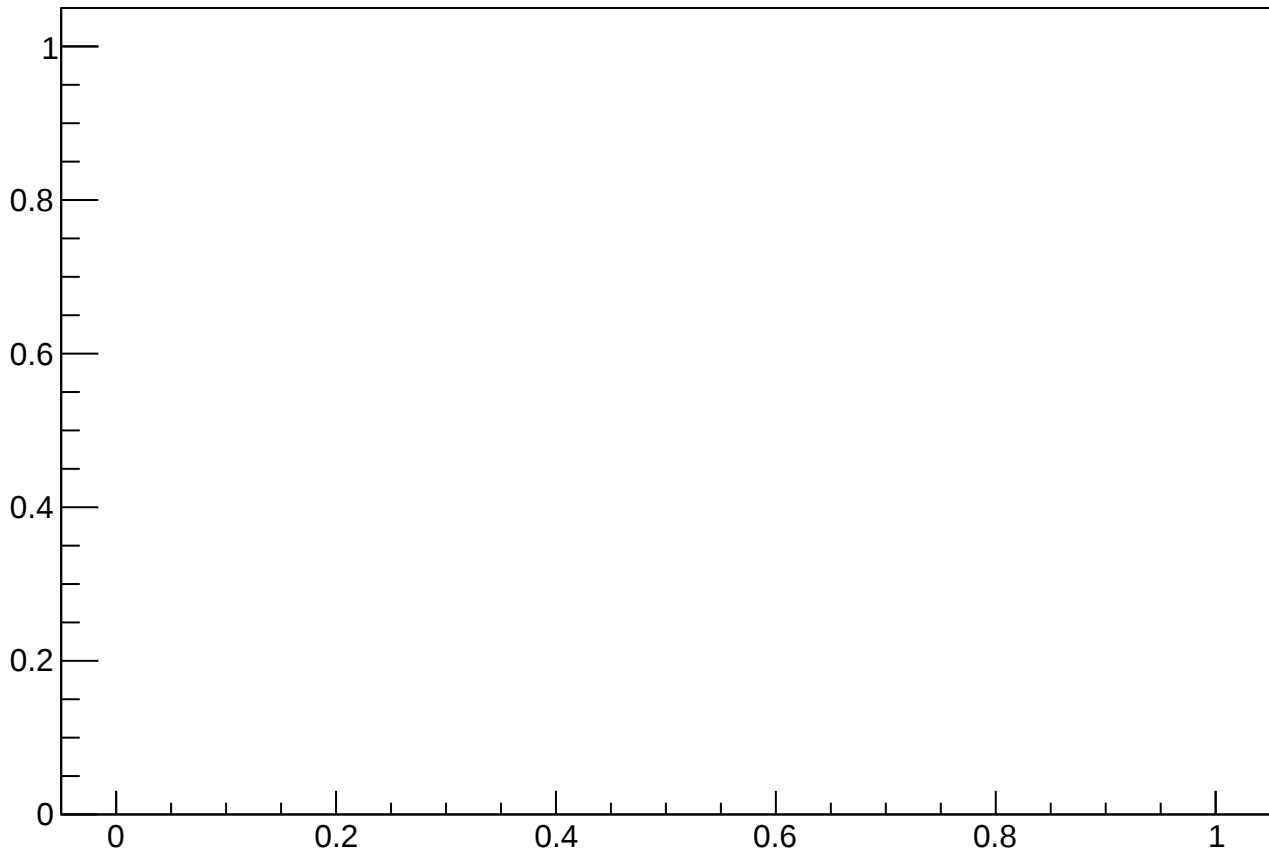
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

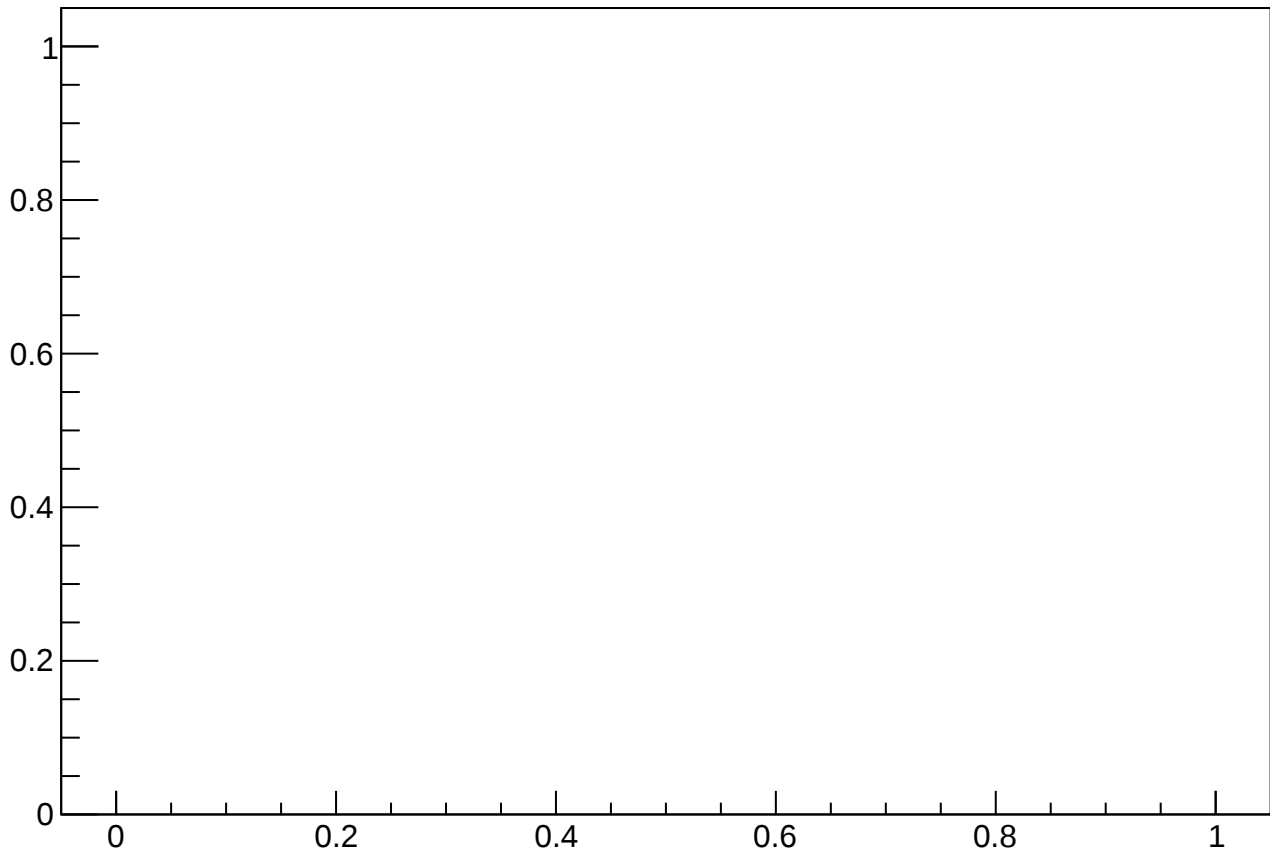
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

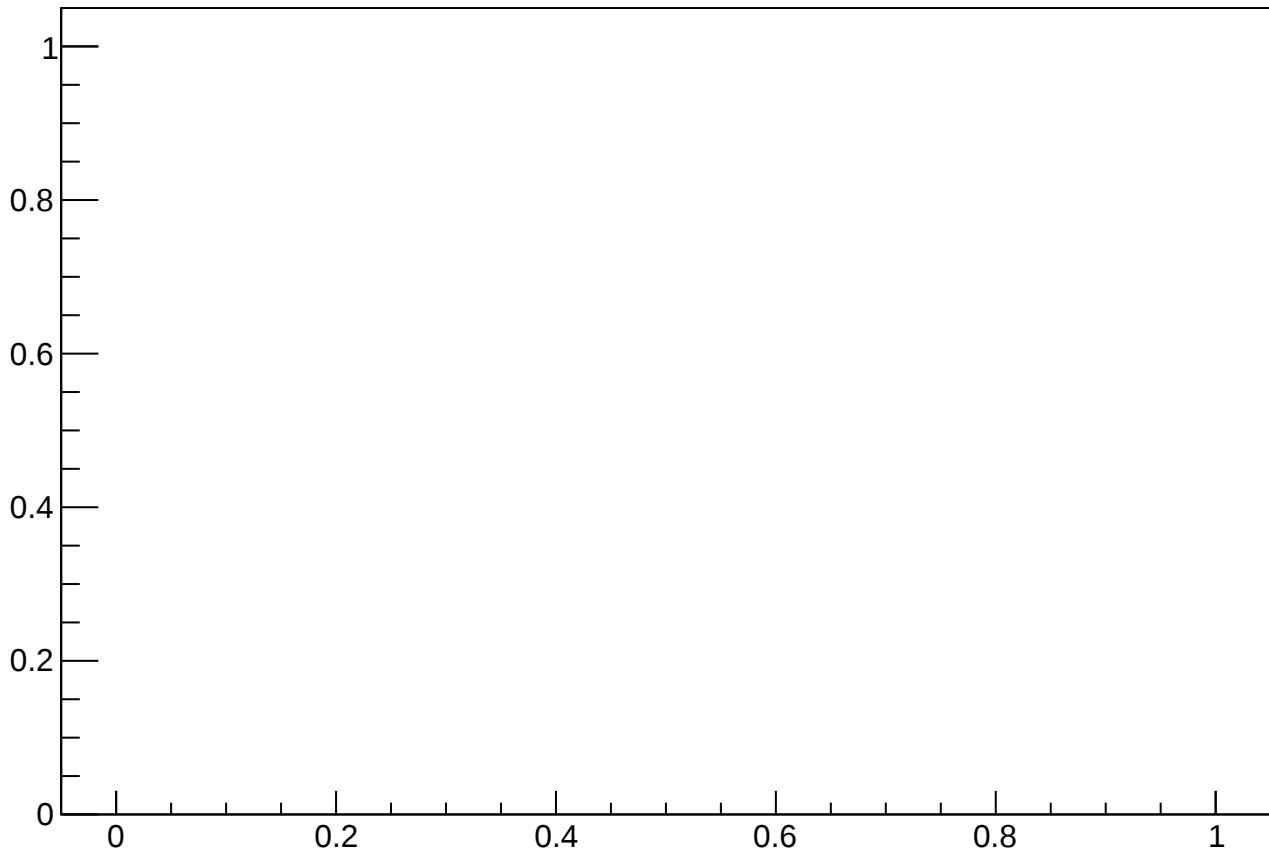
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

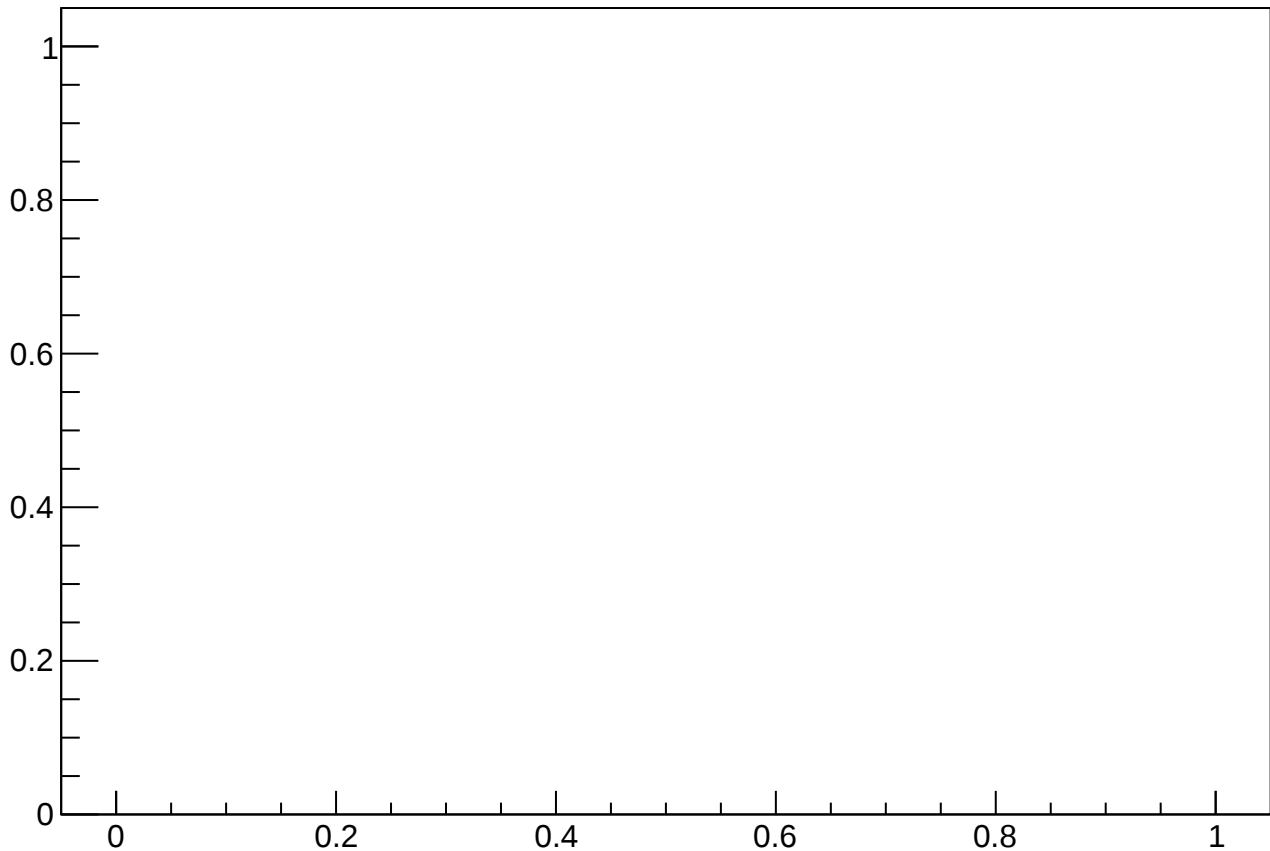
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

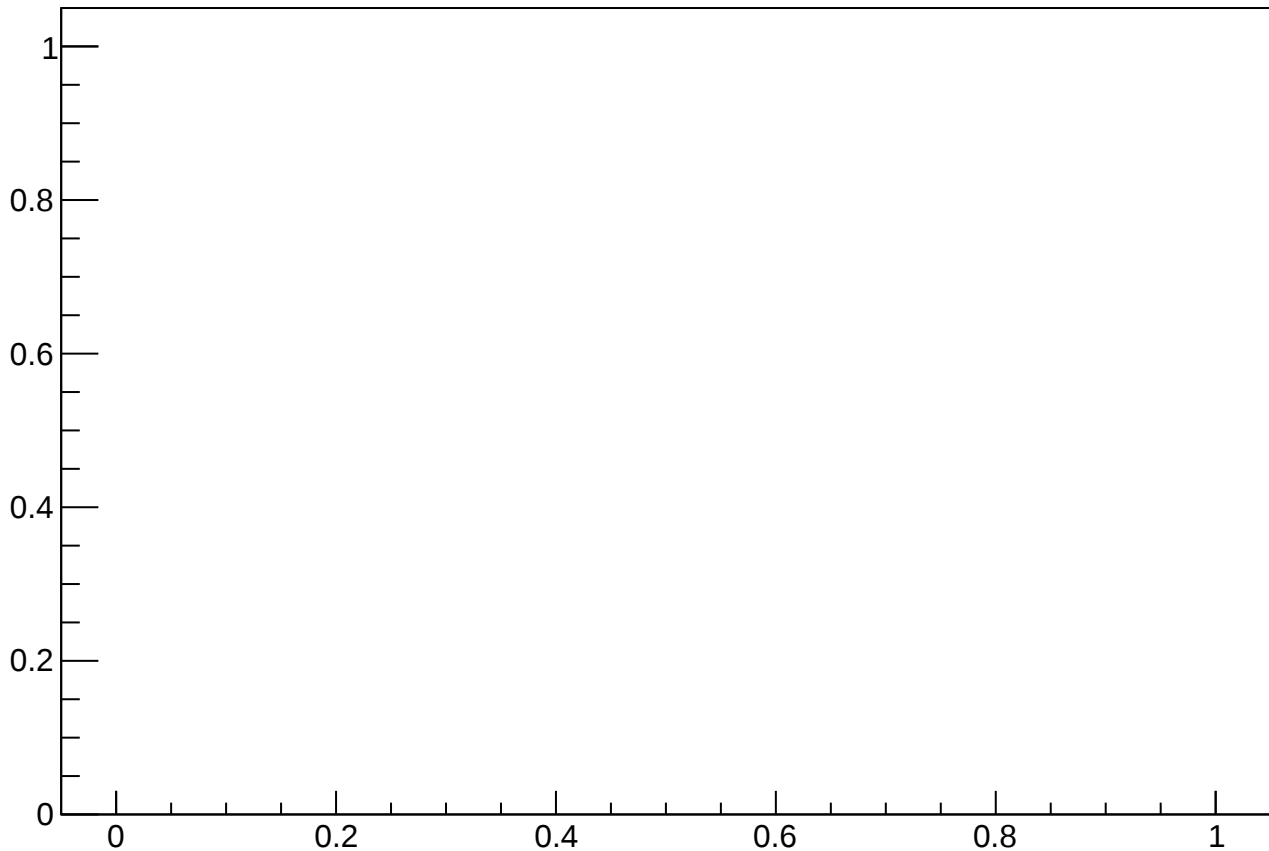
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-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

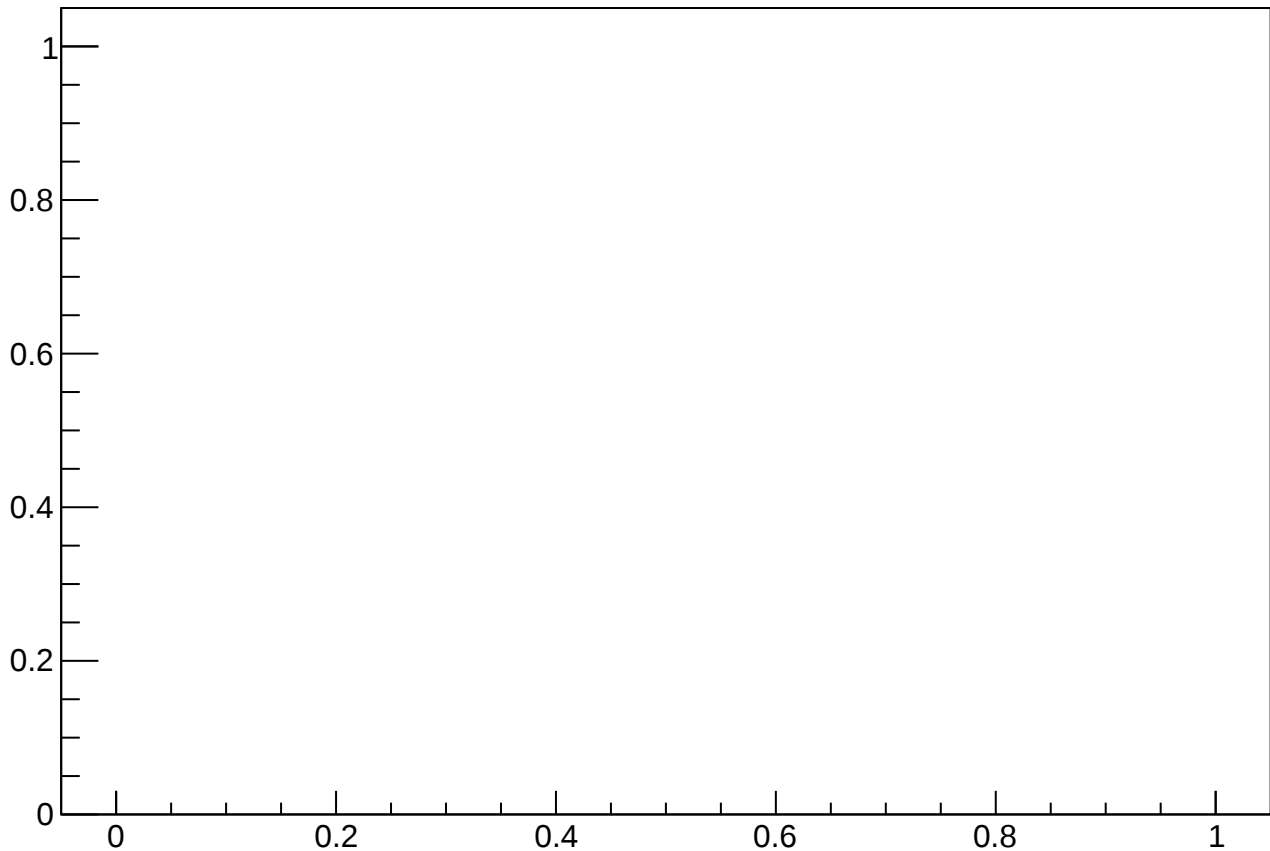
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

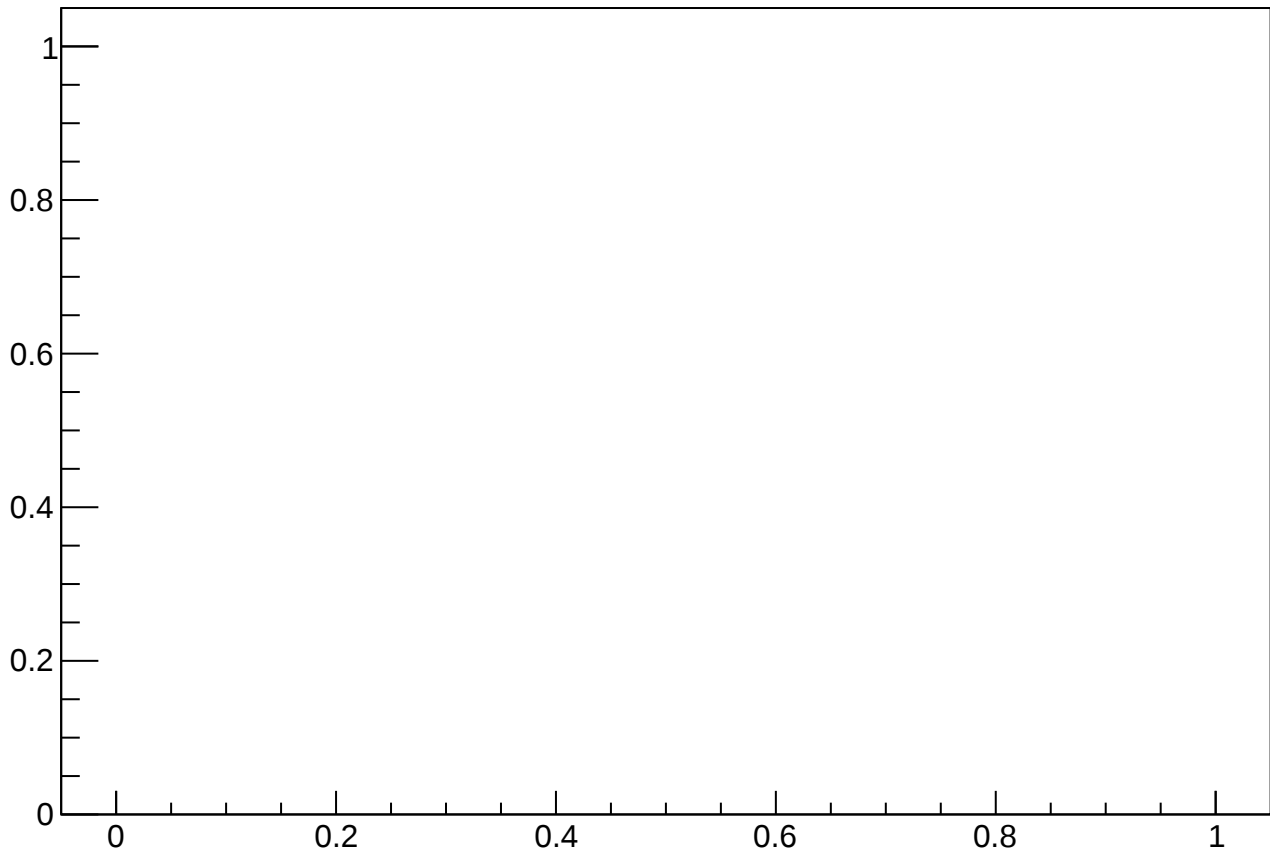
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

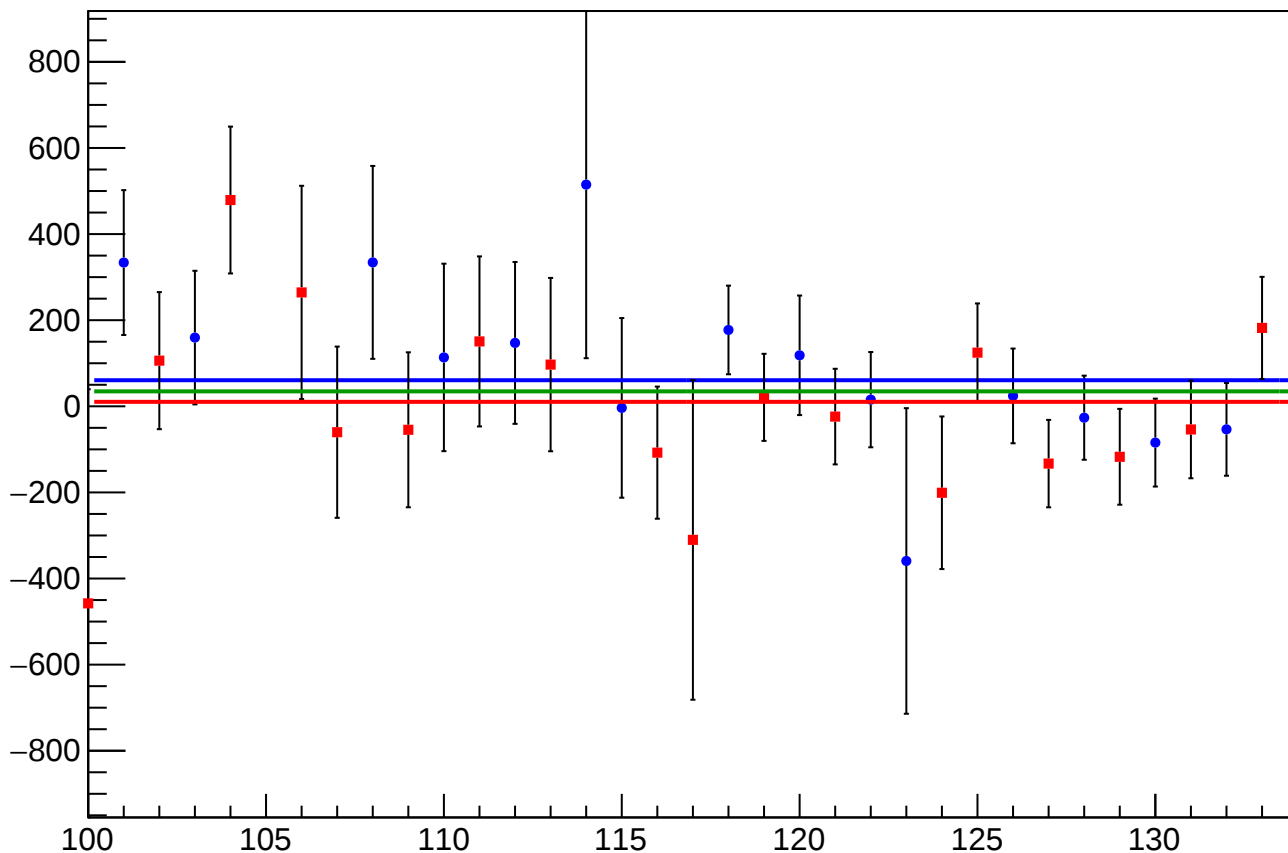
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 60.569 $\pm$ 35.092 χ^2 /NDF: 14.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.380 $\pm$ 34.015 χ^2 /NDF: 20.4/17

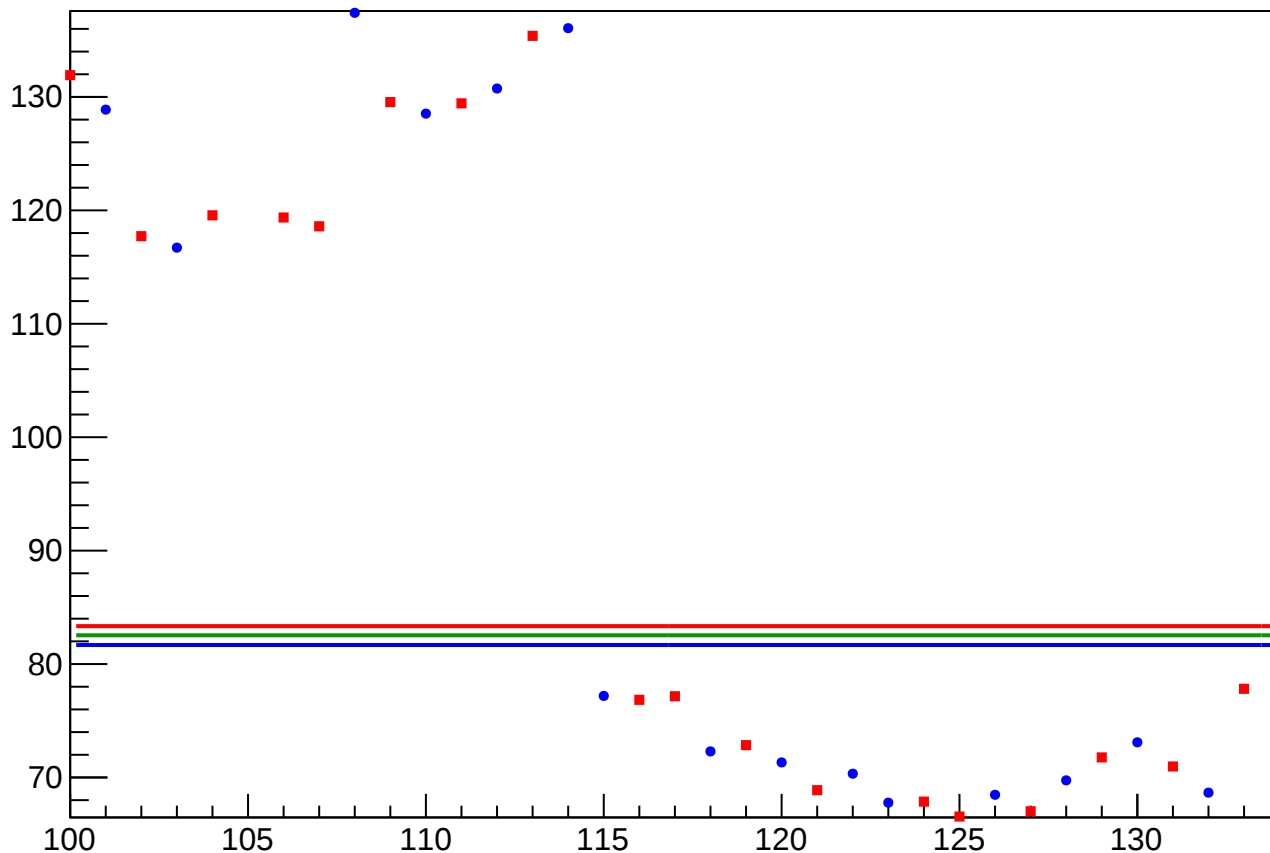
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

60.569 $\pm$ 35.092 χ^2 /NDF: 14.0/15

34.693 $\pm$ 24.424 χ^2 /NDF: 35.4/33

10.380 $\pm$ 34.015 χ^2 /NDF: 20.4/17

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.679+/-0.025 χ^2/NDF : 803871.6/15

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

81.679+/-0.025 χ^2/NDF : 803871.6/15

82.537+/-0.017 χ^2/NDF : 1707921.5/33

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

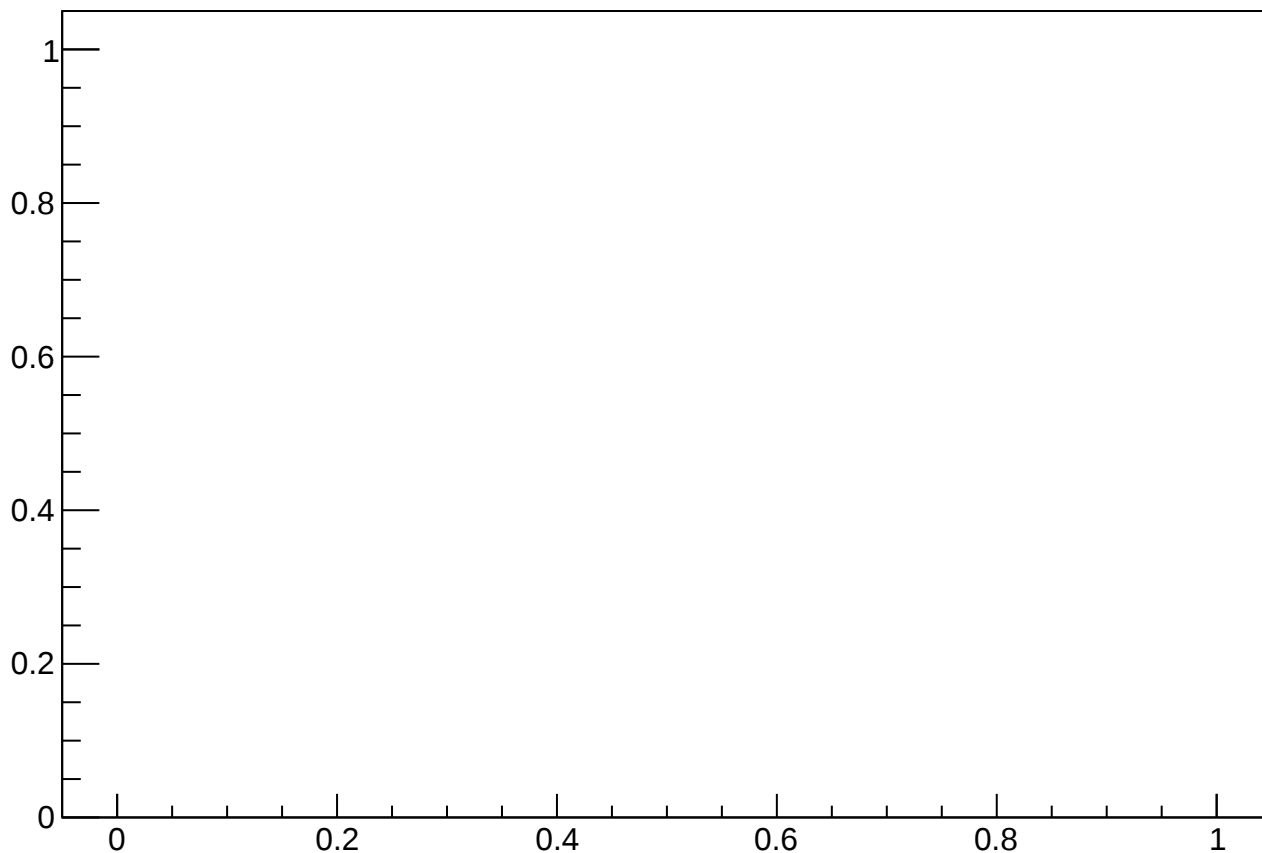
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

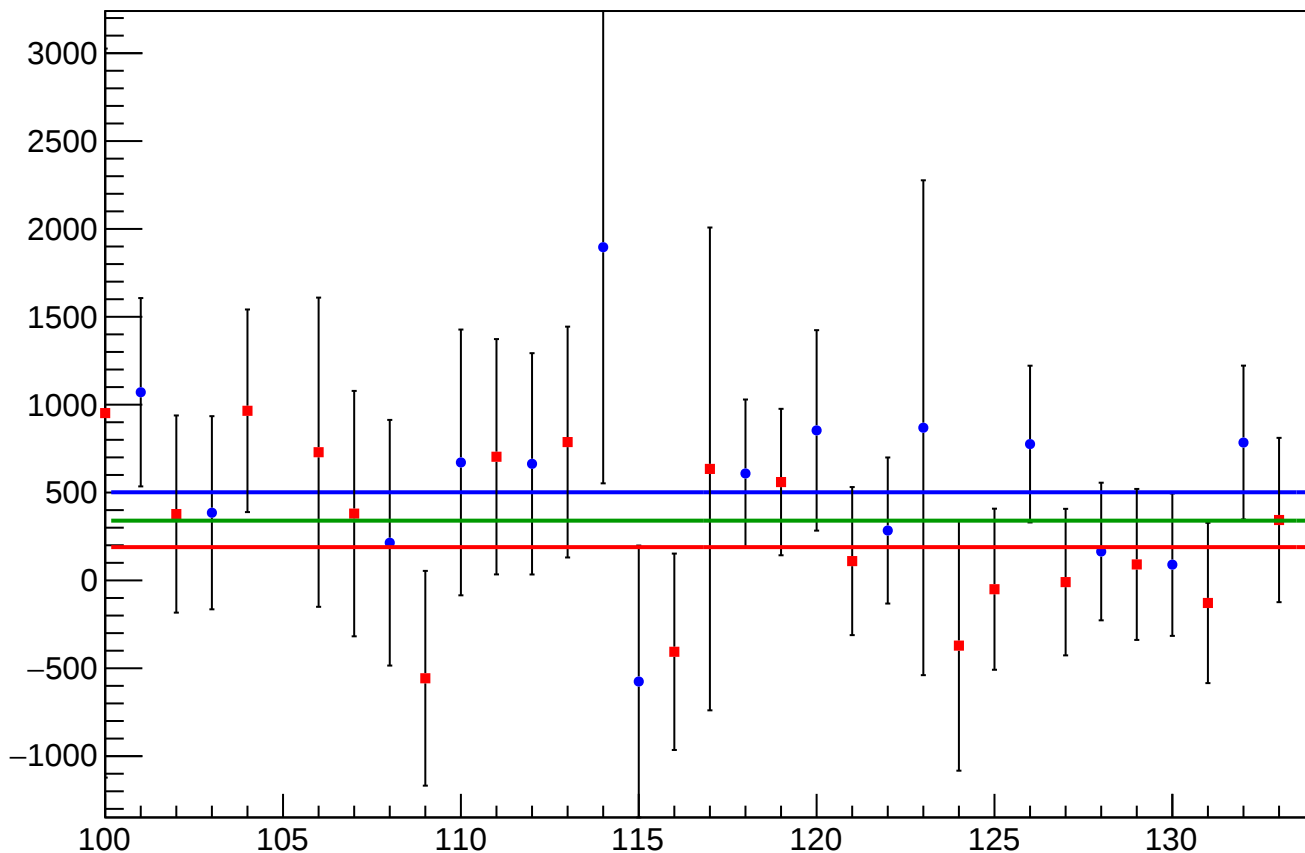
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 501.538 $\pm$ 134.337 χ^2 /NDF: 8.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 189.380 $\pm$ 129.738 χ^2 /NDF: 9.3/17

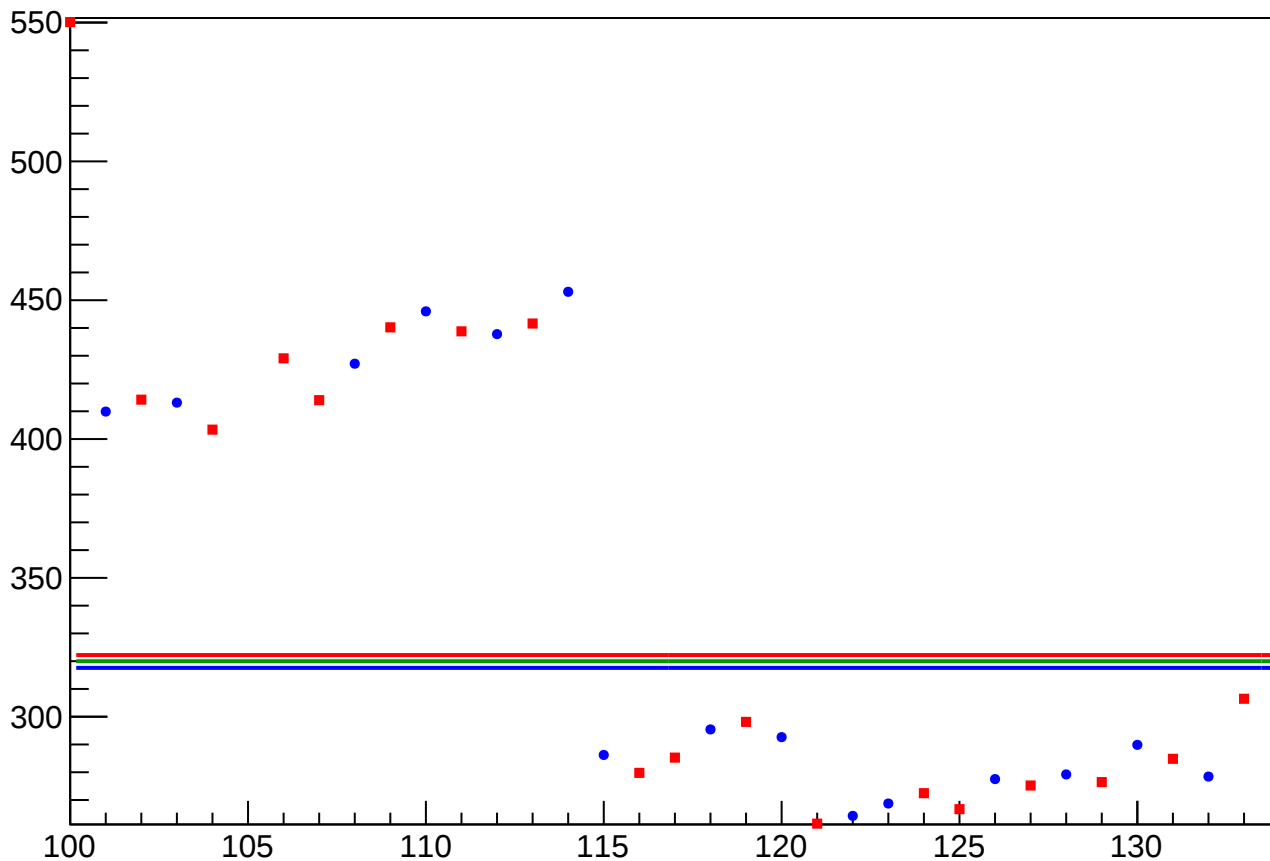
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

501.538 $\pm$ 134.337 χ^2 /NDF: 8.0/15

340.025 $\pm$ 93.322 χ^2 /NDF: 20.0/33

189.380 $\pm$ 129.738 χ^2 /NDF: 9.3/17

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 317.594+/-0.095 χ^2/NDF : 430894.9/15

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

317.594+/-0.095 χ^2/NDF : 430894.9/15

319.984+/-0.066 χ^2/NDF : 979213.7/33

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

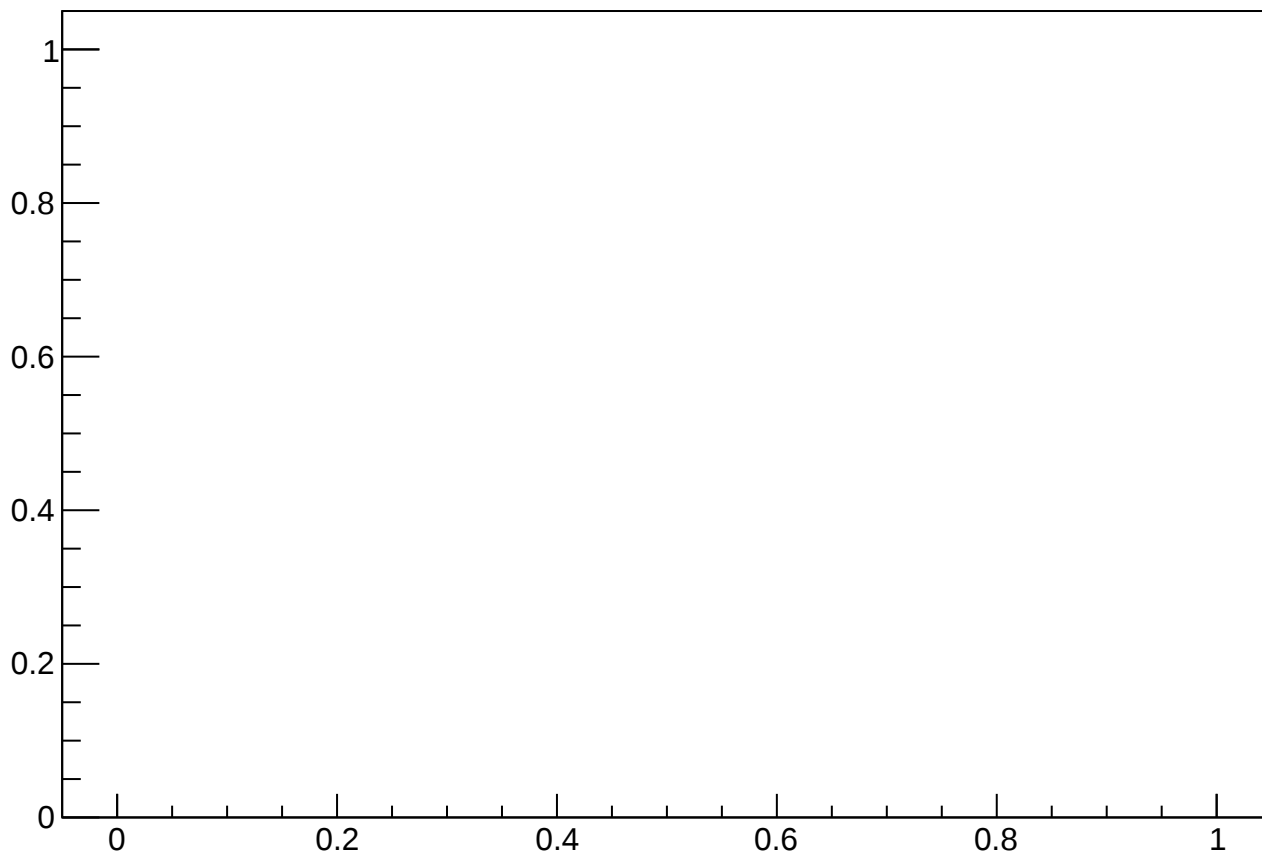
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

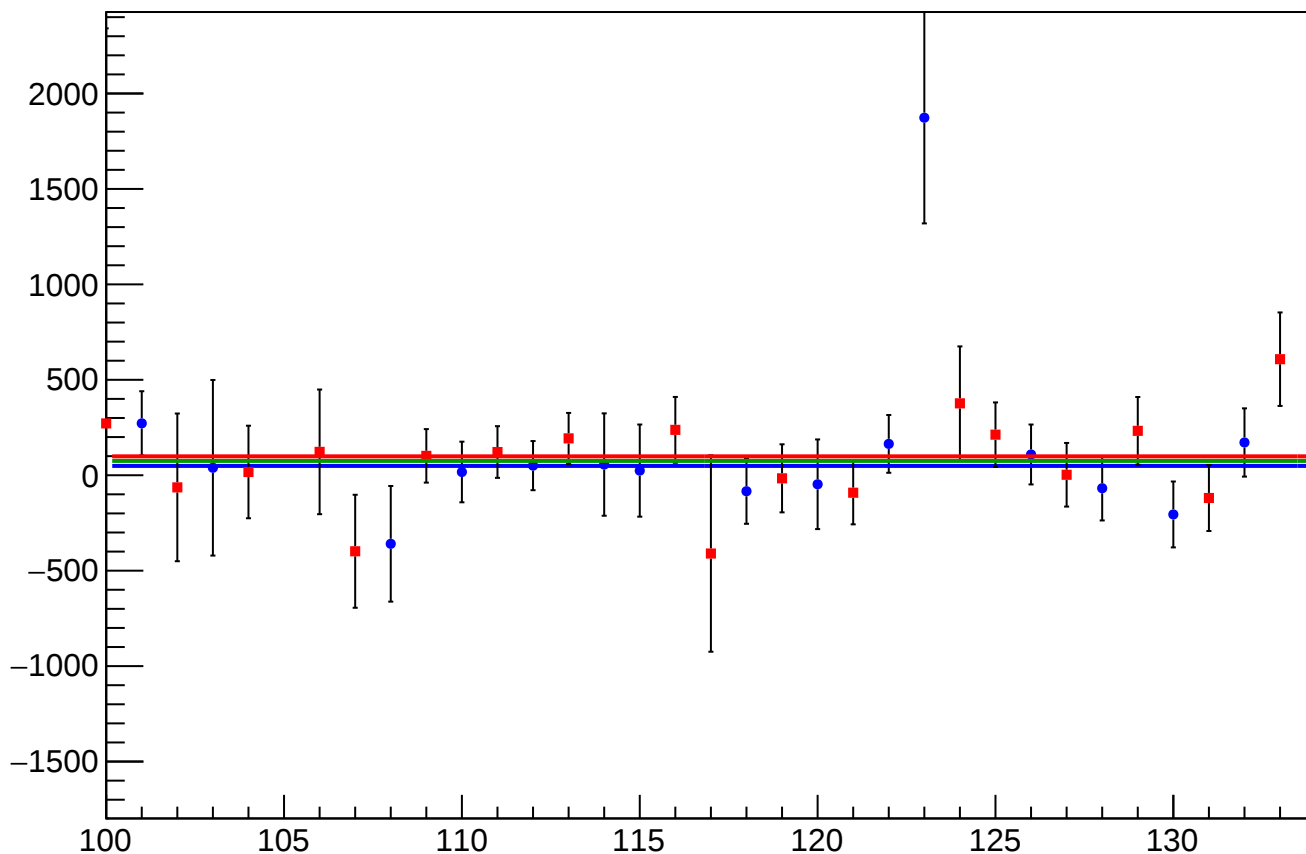
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 48.889+/-47.990 χ^2/NDF : 19.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.046+/-45.839 χ^2/NDF : 15.2/17

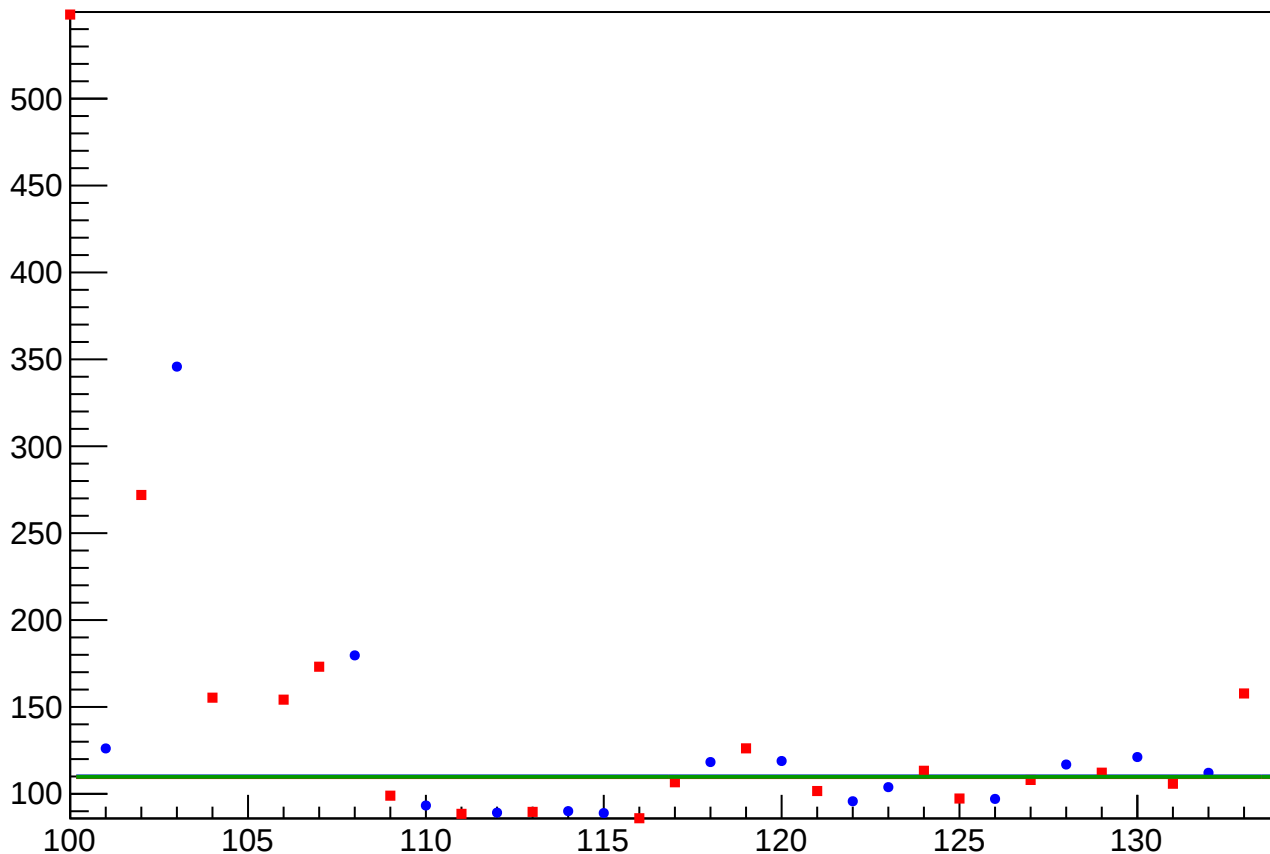
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.889+/-47.990 χ^2/NDF : 19.1/15

75.117+/-33.147 χ^2/NDF : 34.8/33

99.046+/-45.839 χ^2/NDF : 15.2/17

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 109.976+/-0.034 χ^2/NDF : 804911.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.663+/-0.032 χ^2/NDF : 897176.2/17

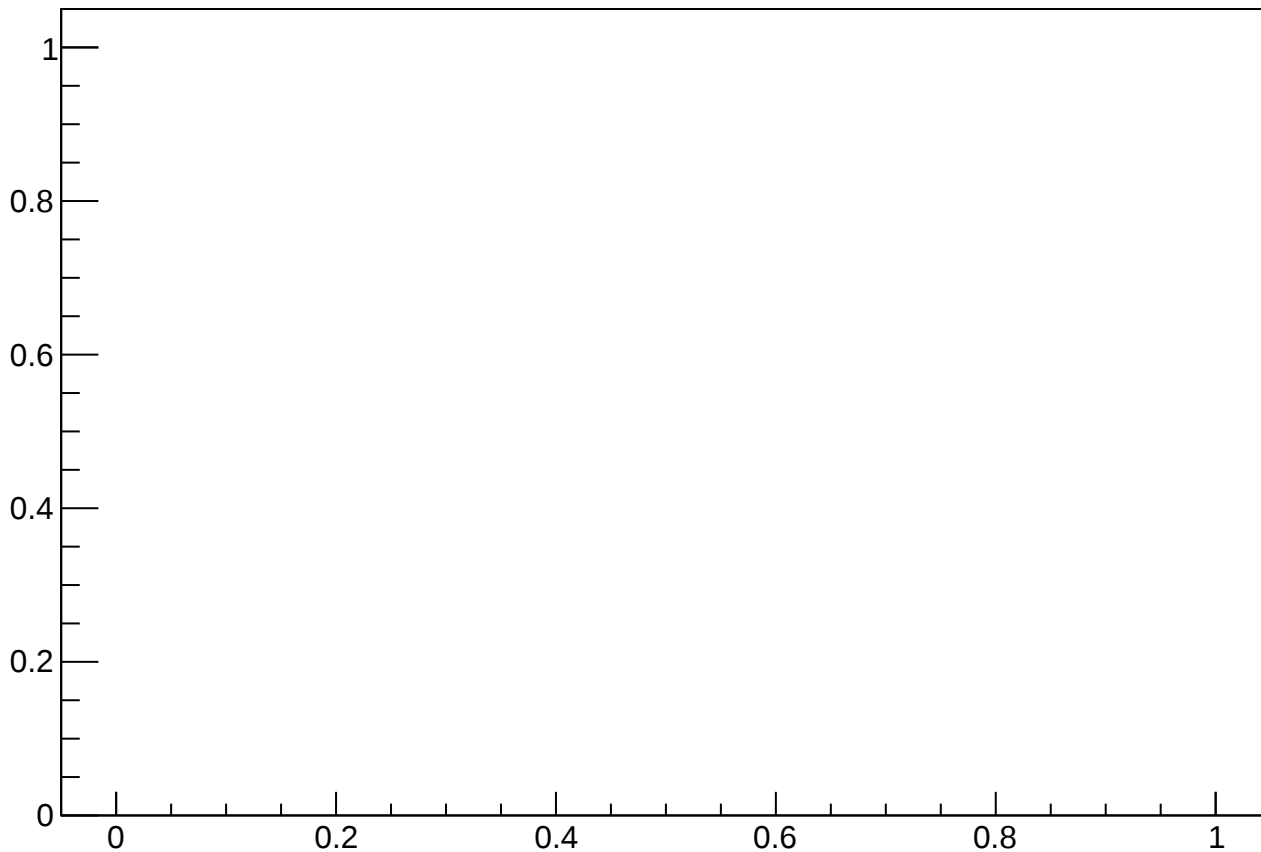
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.976+/-0.034 χ^2/NDF : 804911.4/15

109.813+/-0.023 χ^2/NDF : 1702132.0/33

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

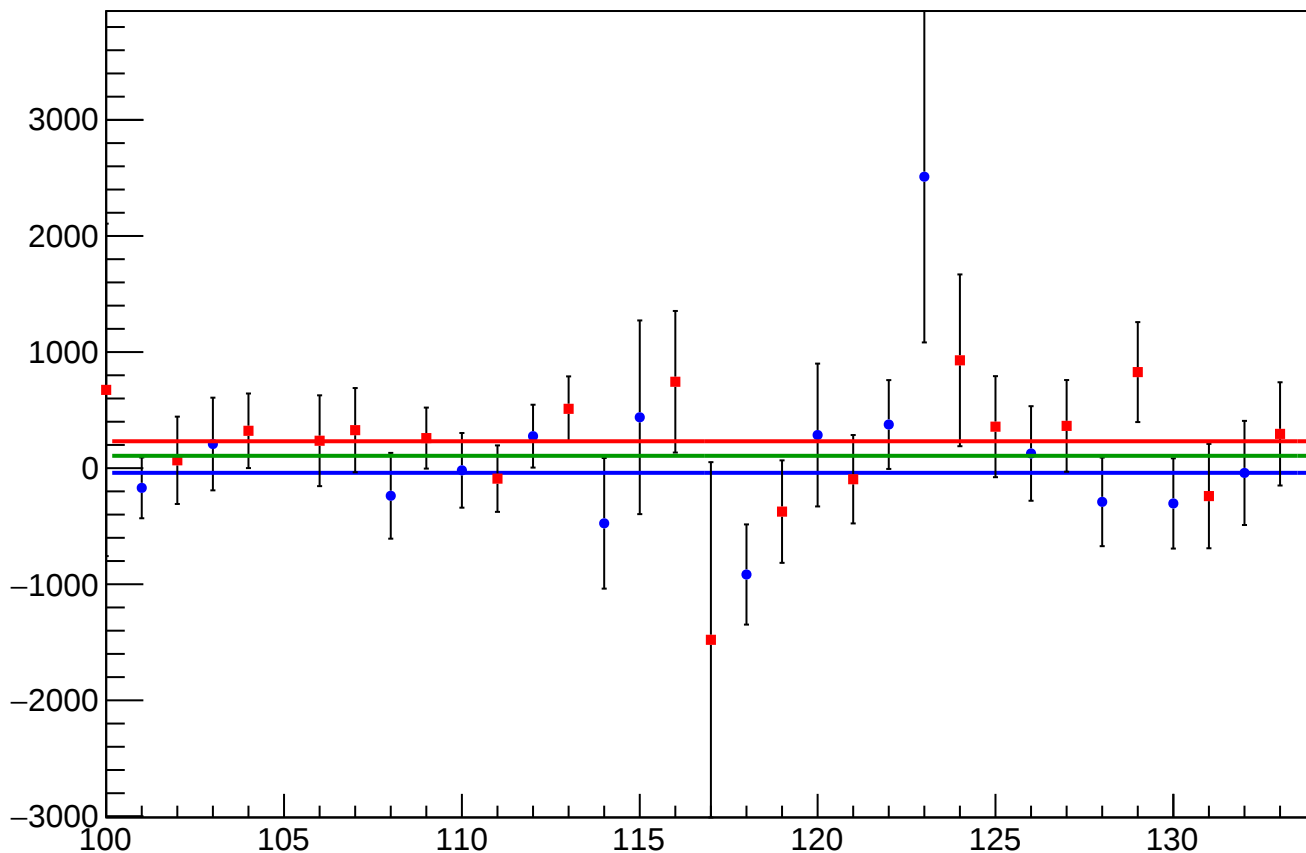
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -40.230 ± 100.853 χ^2/NDF : 13.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 231.691 ± 93.274 χ^2/NDF : 11.4/17

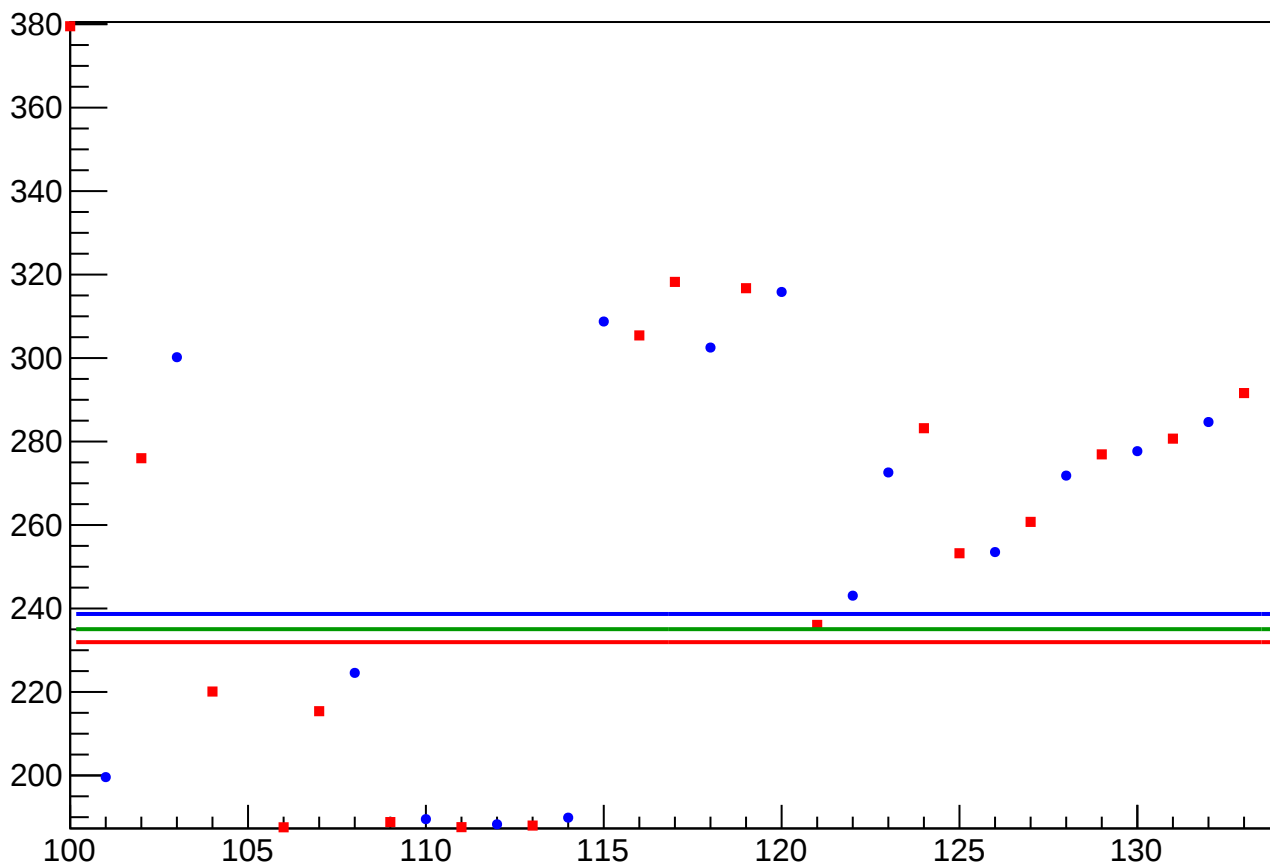
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.230 ± 100.853 χ^2/NDF : 13.1/15

106.330 ± 68.477 χ^2/NDF : 28.4/33

231.691 ± 93.274 χ^2/NDF : 11.4/17

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 238.686+/-0.071 χ^2/NDF : 385012.0/15

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

238.686+/-0.071 χ^2/NDF : 385012.0/15

235.047+/-0.048 χ^2/NDF : 838280.0/33

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

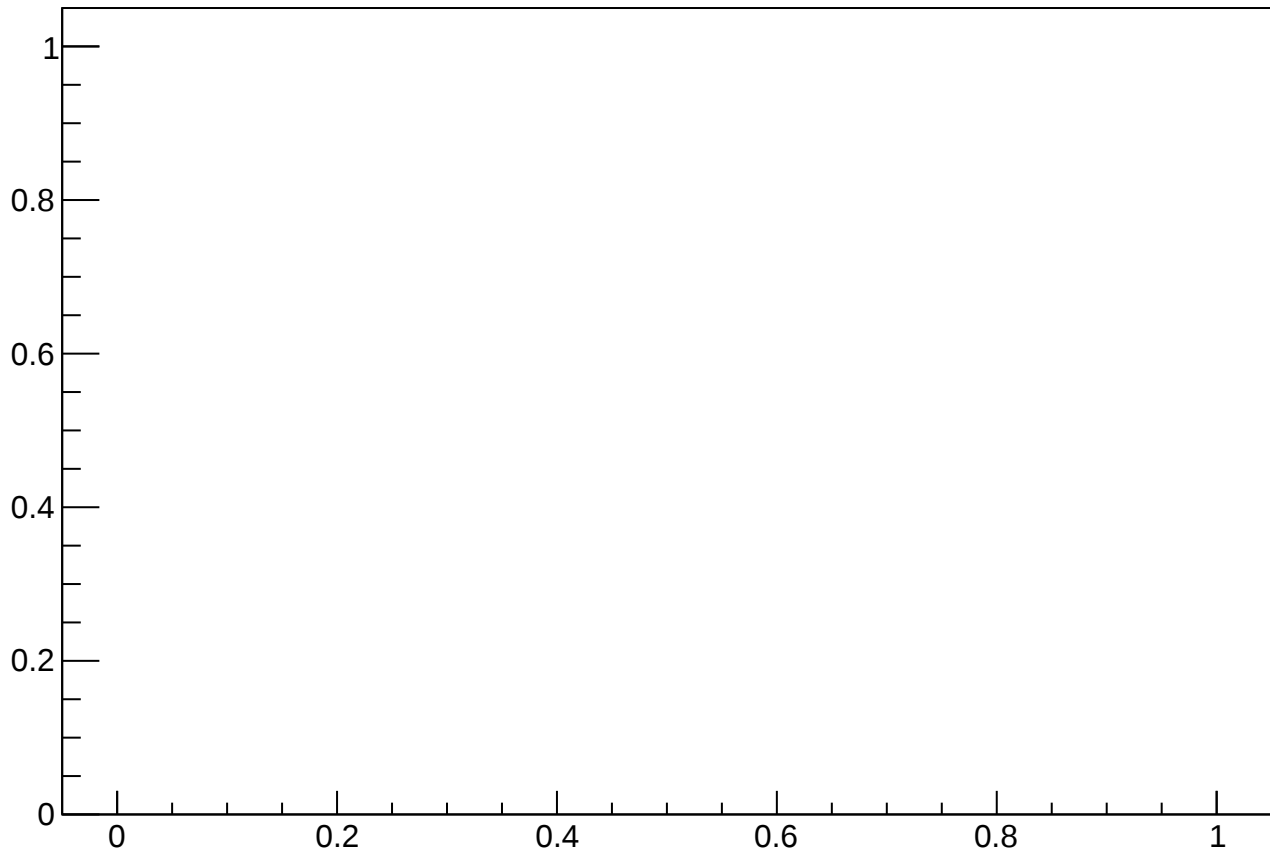
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

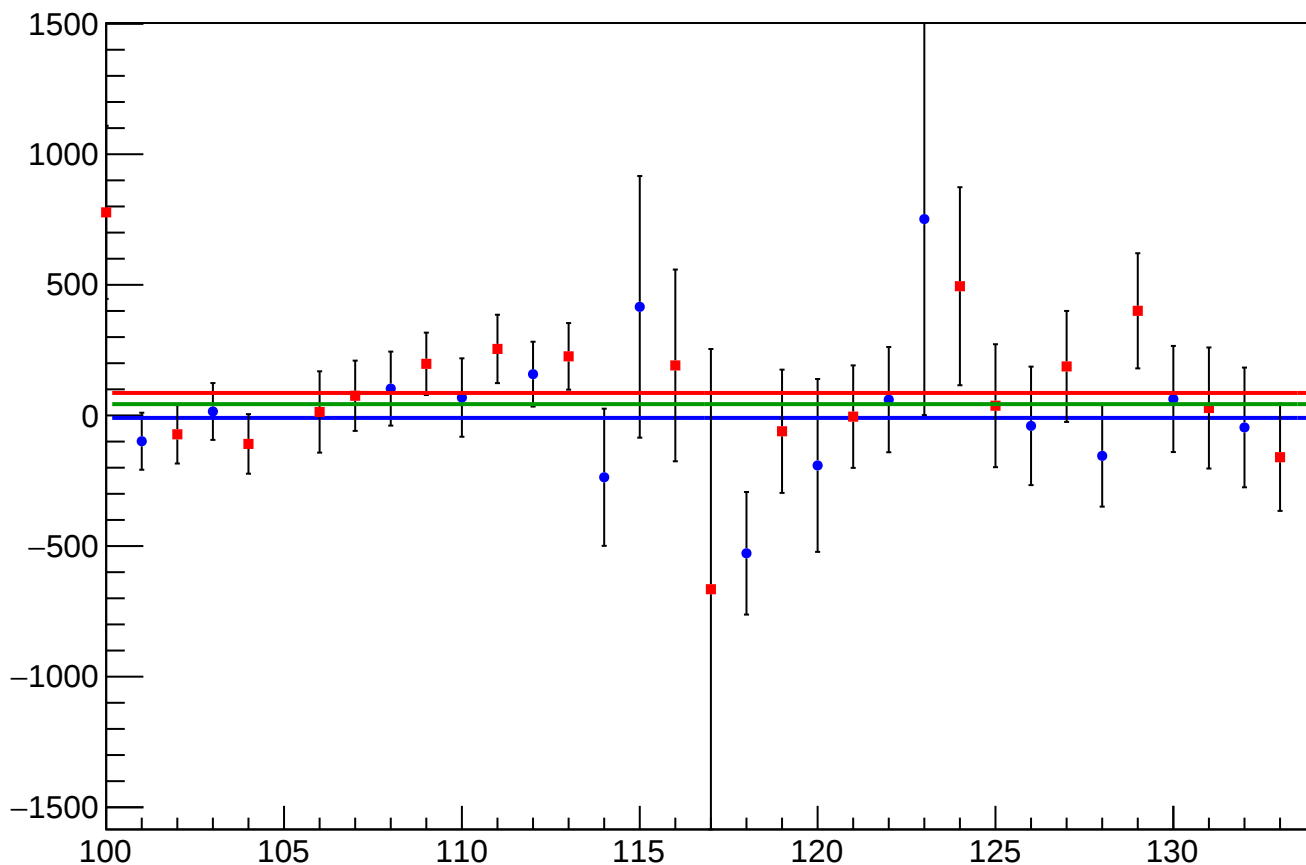
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -9.398 ± 44.750 χ^2/NDF : 12.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 86.125 ± 40.316 χ^2/NDF : 19.6/17

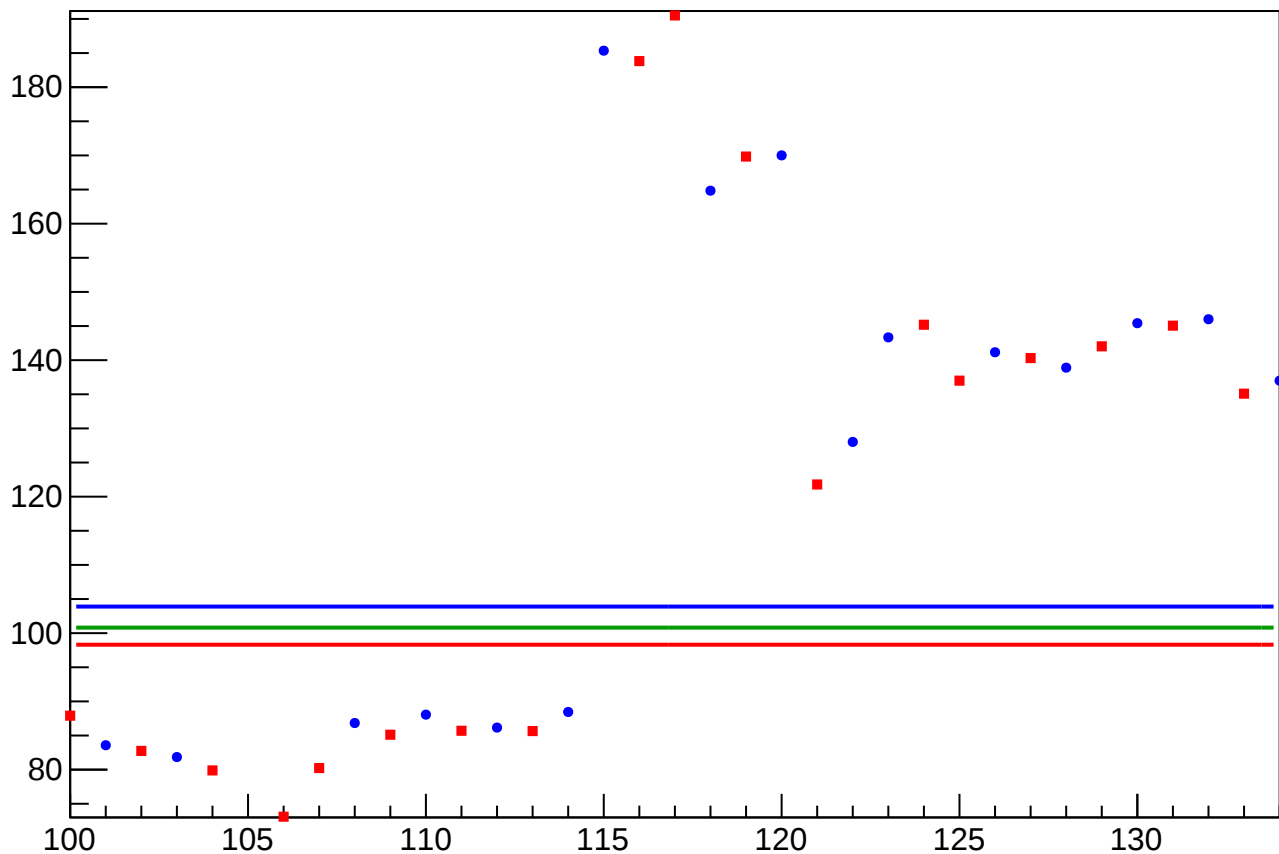
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.398 ± 44.750 χ^2/NDF : 12.2/15

43.329 ± 29.953 χ^2/NDF : 34.3/33

86.125 ± 40.316 χ^2/NDF : 19.6/17

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 103.896+/-0.032 χ^2/NDF : 844873.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.307+/-0.029 χ^2/NDF : 972272.9/17

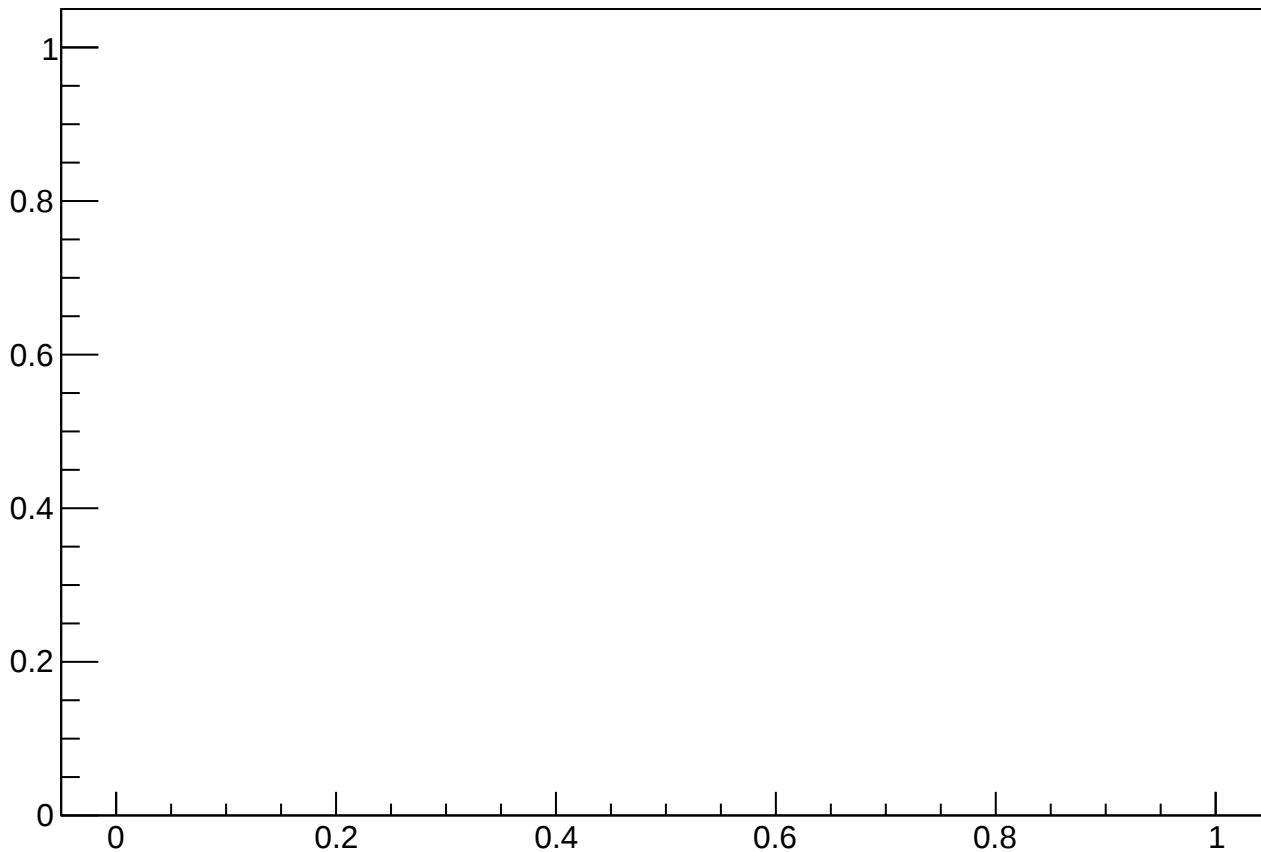
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.896+/-0.032 χ^2/NDF : 844873.2/15

100.811+/-0.021 χ^2/NDF : 1834366.0/33

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

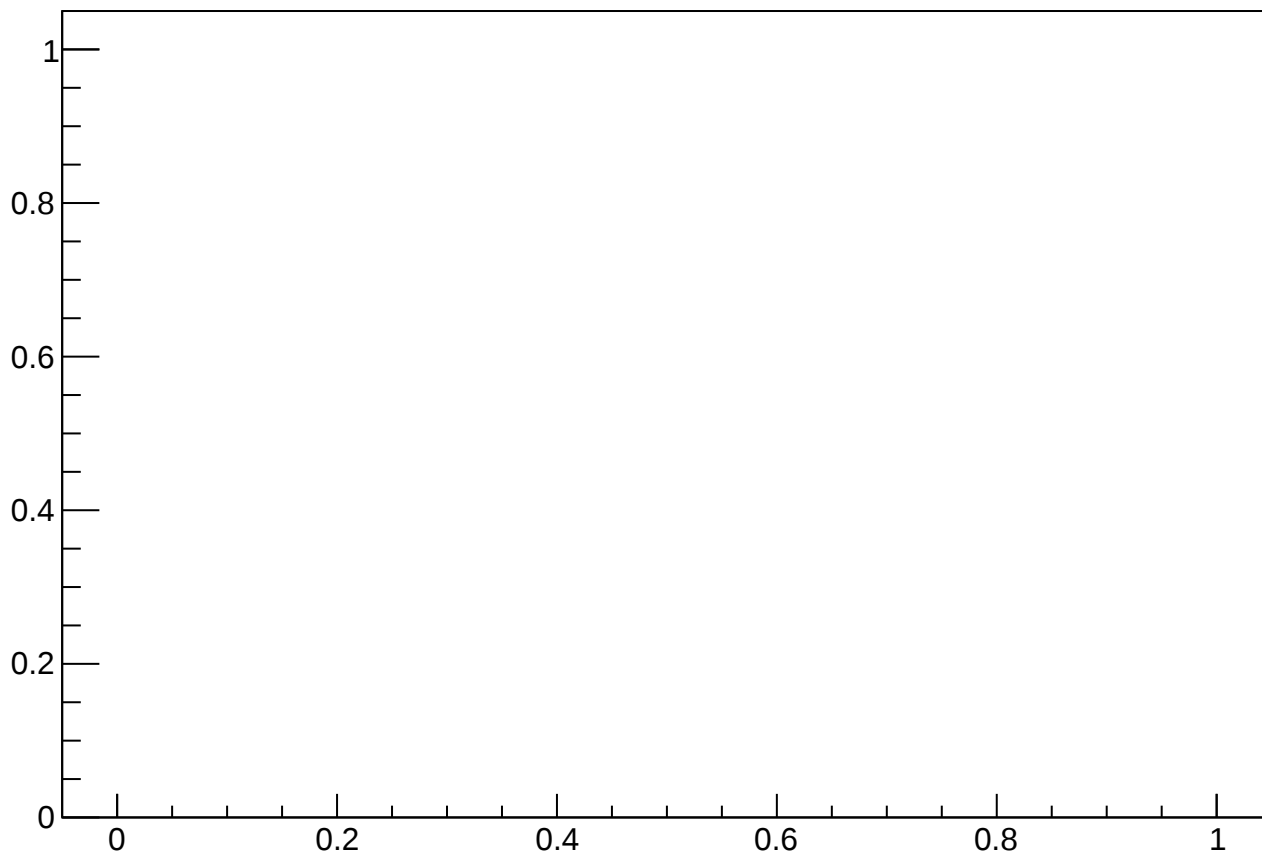
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

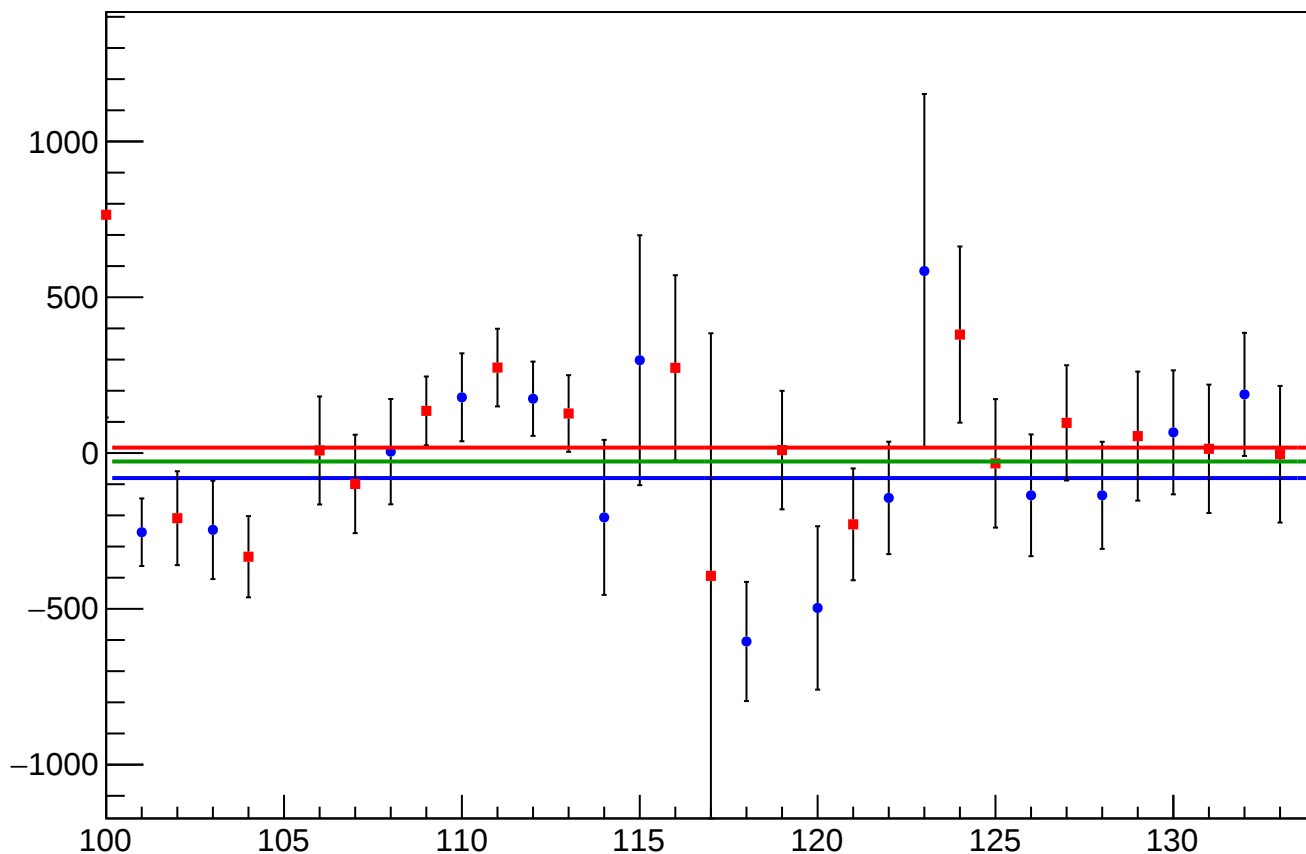
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: -80.237 ± 44.732 $\chi^2/\text{NDF}: 27.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.527 ± 40.964 $\chi^2/\text{NDF}: 22.4/17$

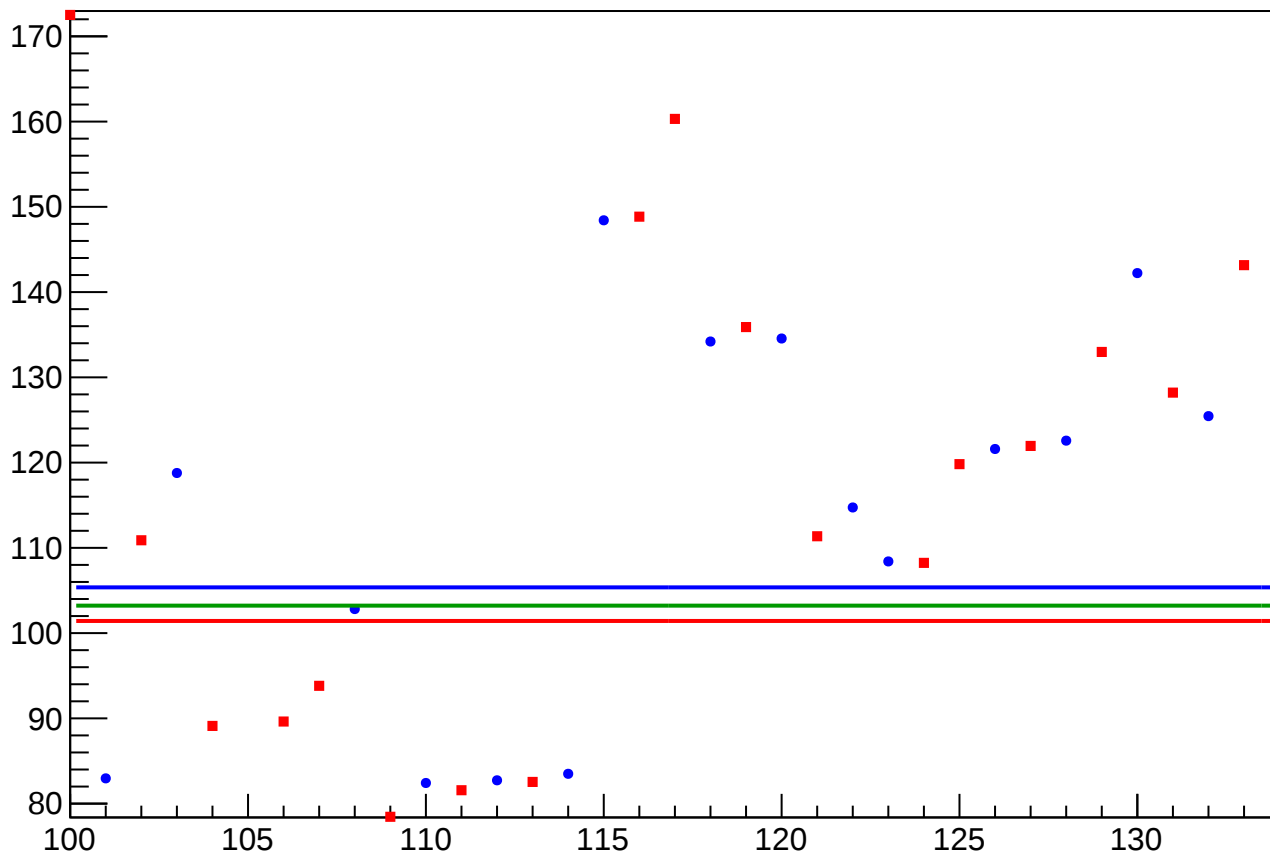
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-80.237 ± 44.732 $\chi^2/\text{NDF}: 27.1/15$

-27.065 ± 30.210 $\chi^2/\text{NDF}: 52.1/33$

17.527 ± 40.964 $\chi^2/\text{NDF}: 22.4/17$

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 105.366+/-0.032 χ^2/NDF : 483891.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.425+/-0.029 χ^2/NDF : 576793.3/17

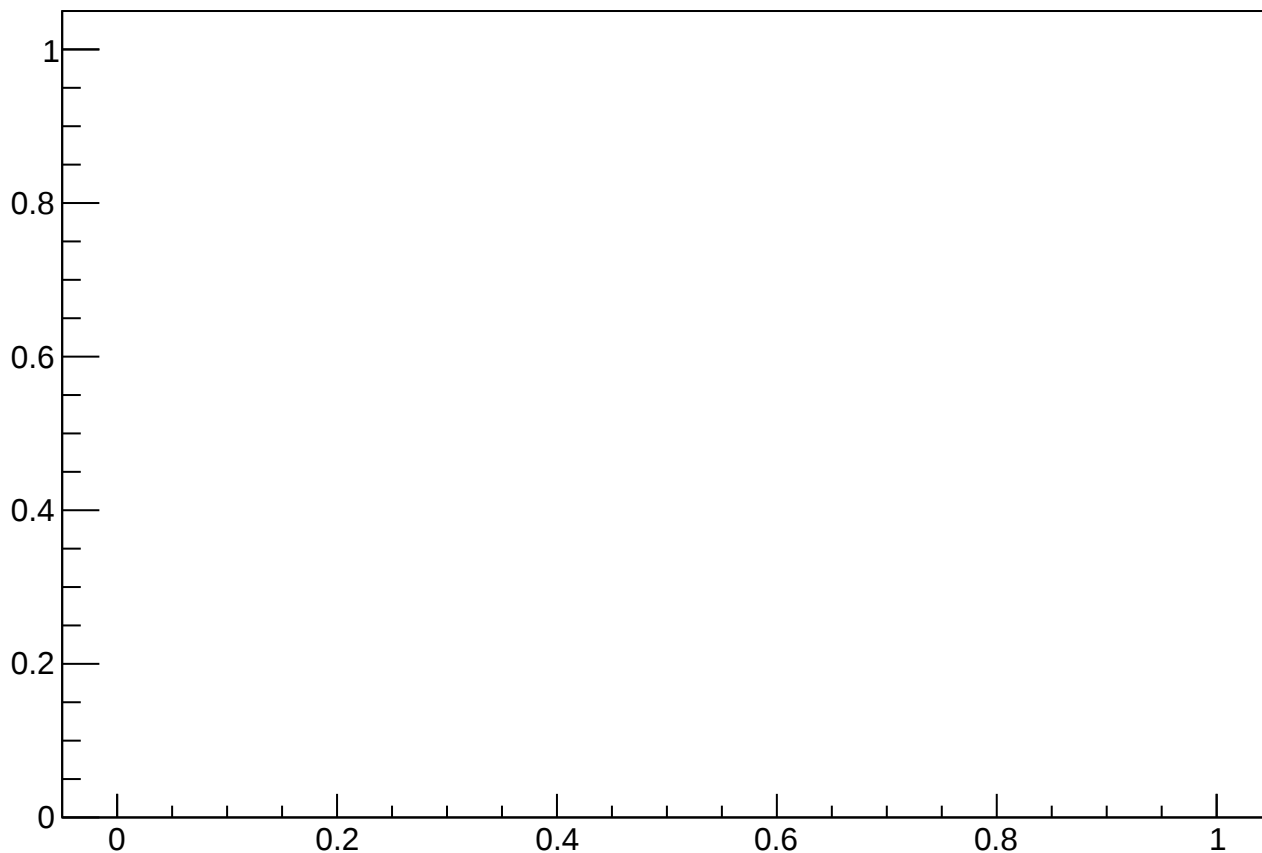
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.366+/-0.032 χ^2/NDF : 483891.9/15

103.222+/-0.021 χ^2/NDF : 1069127.9/33

101.425+/-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

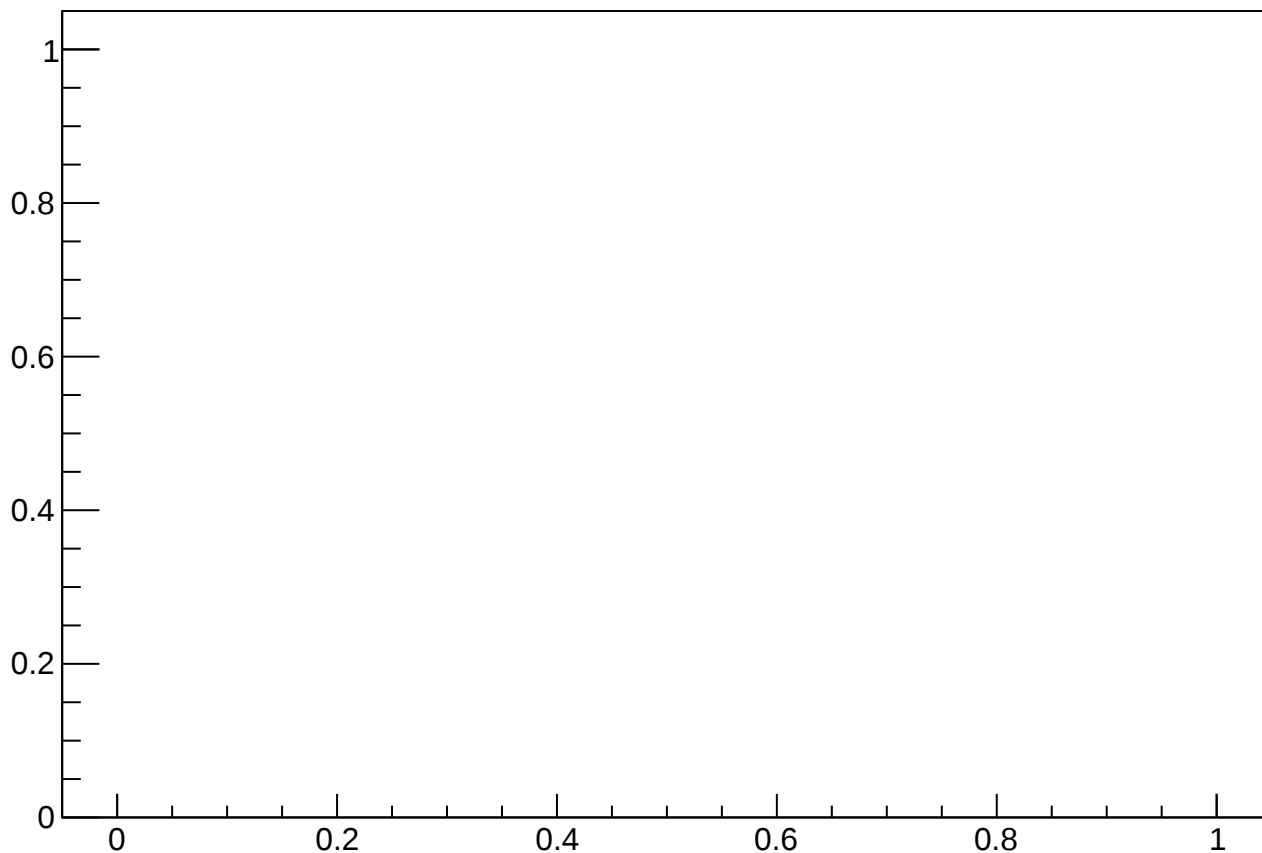
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

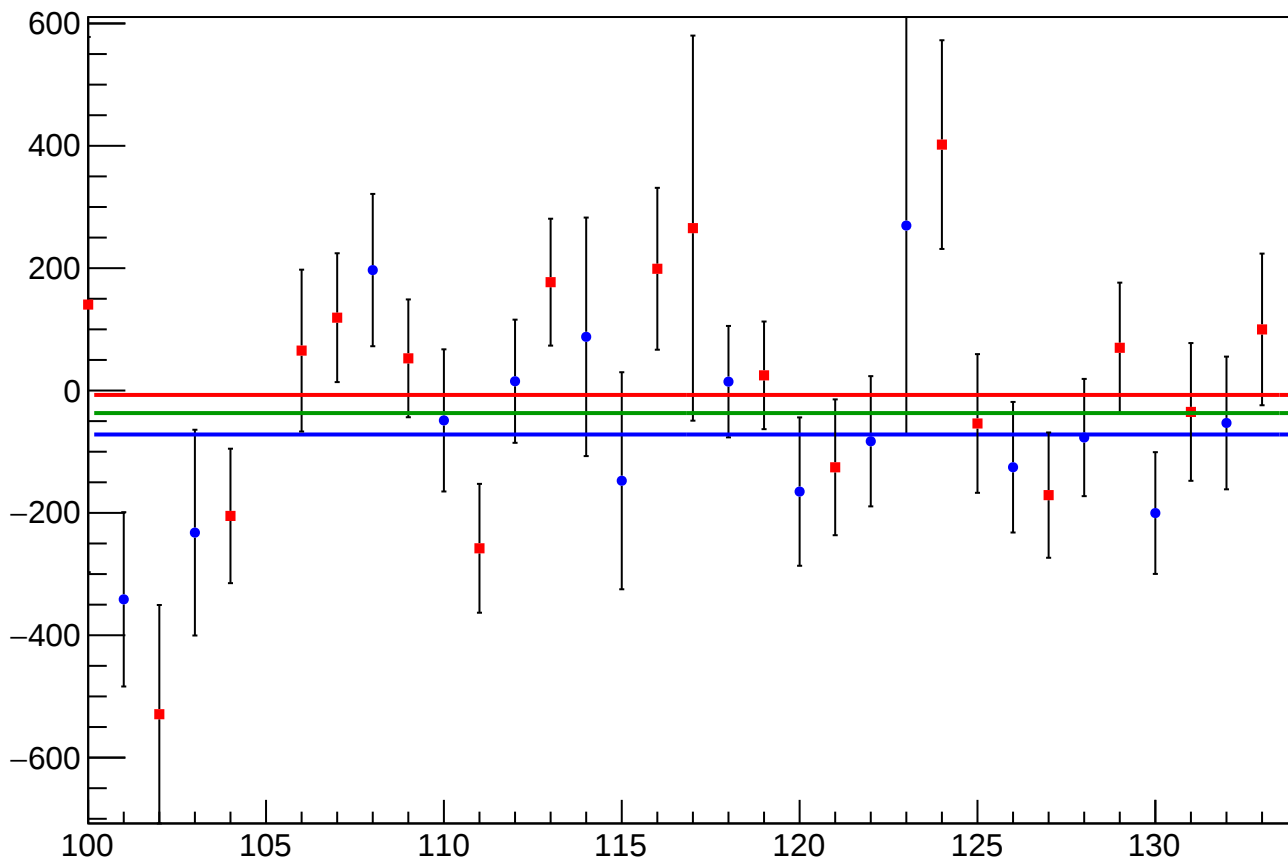
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -71.851 ± 30.430 $\chi^2/\text{NDF}: 15.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.189 ± 28.004 $\chi^2/\text{NDF}: 37.1/17$

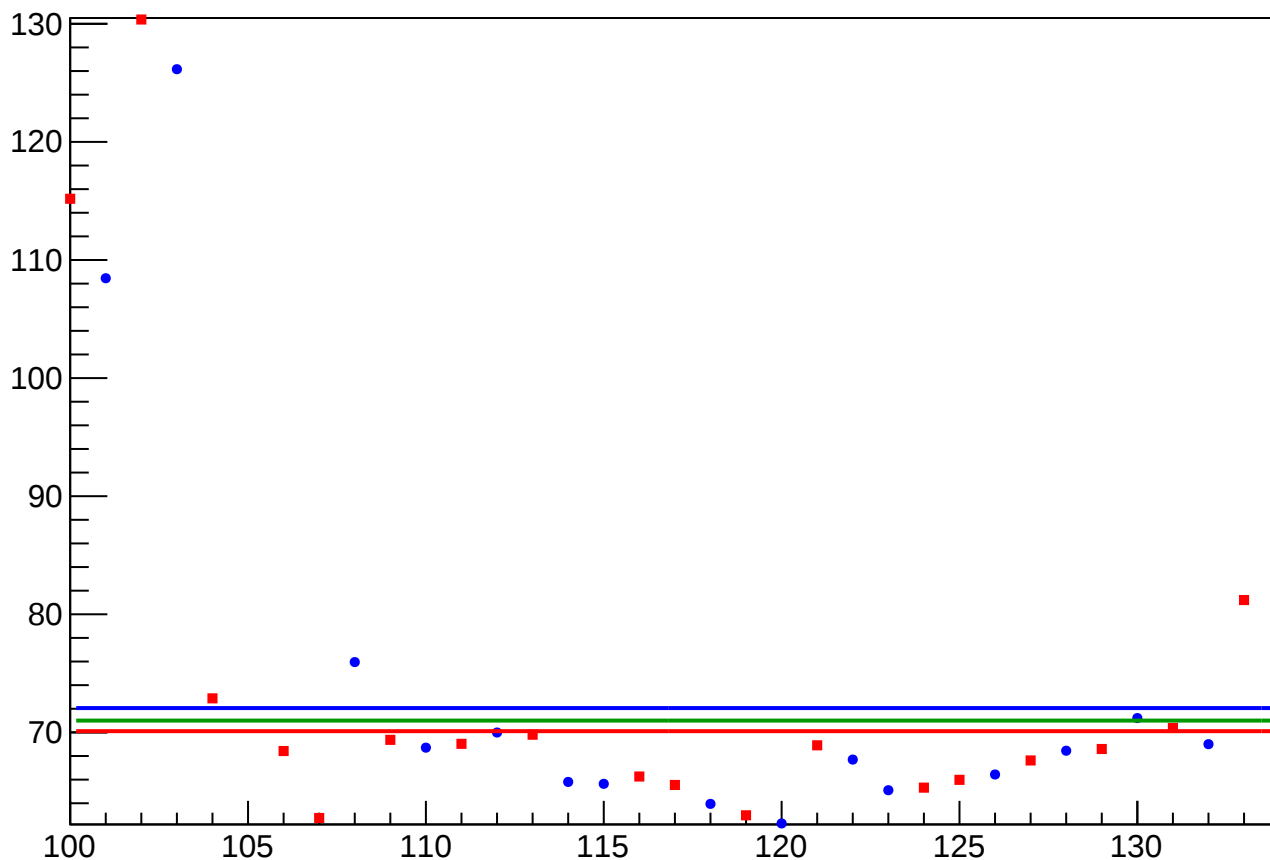
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-71.851 ± 30.430 $\chi^2/\text{NDF}: 15.2/15$

-36.840 ± 20.606 $\chi^2/\text{NDF}: 54.8/33$

-7.189 ± 28.004 $\chi^2/\text{NDF}: 37.1/17$

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.059+/-0.022 χ^2 /NDF: 391967.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 70.104+/-0.020 χ^2 /NDF: 298074.1/17

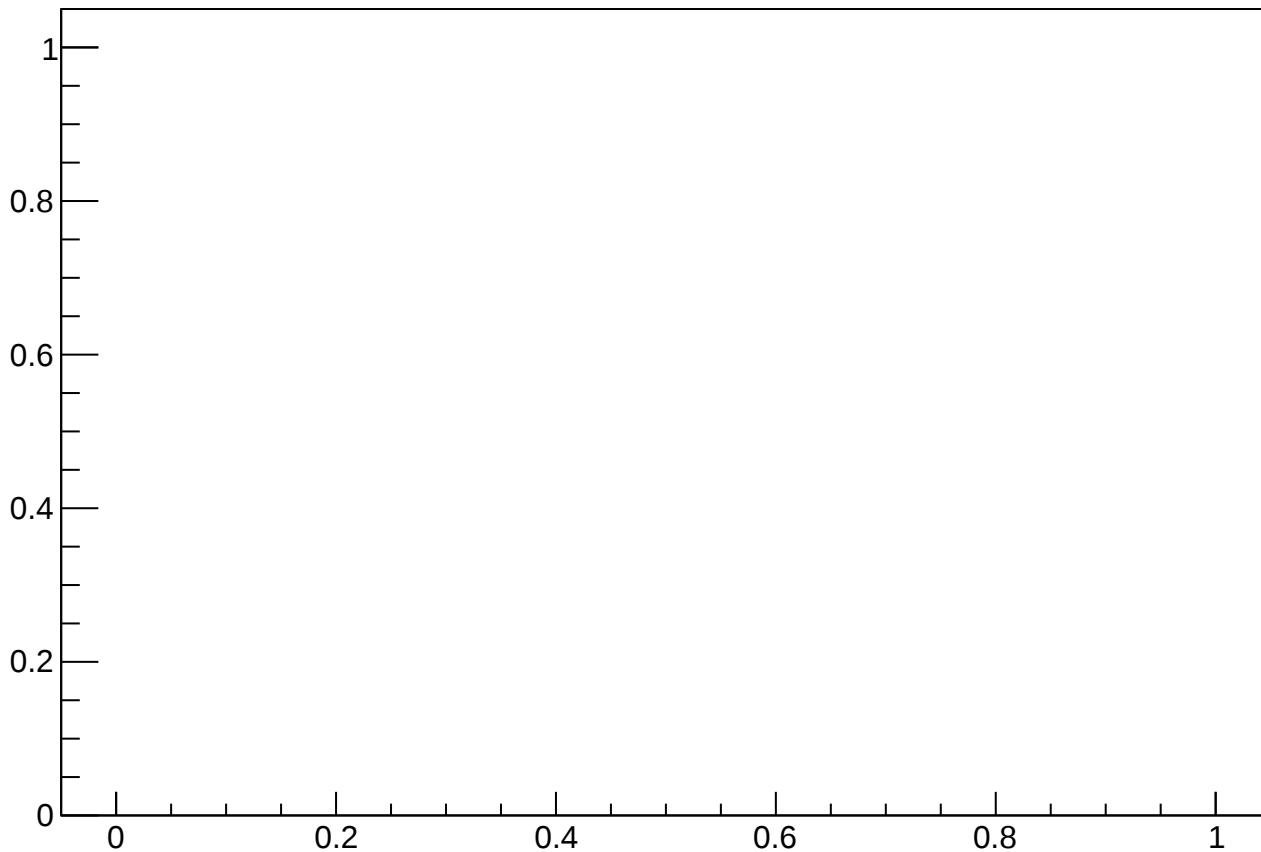
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

72.059+/-0.022 χ^2 /NDF: 391967.0/15

71.000+/-0.015 χ^2 /NDF: 694513.5/33

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

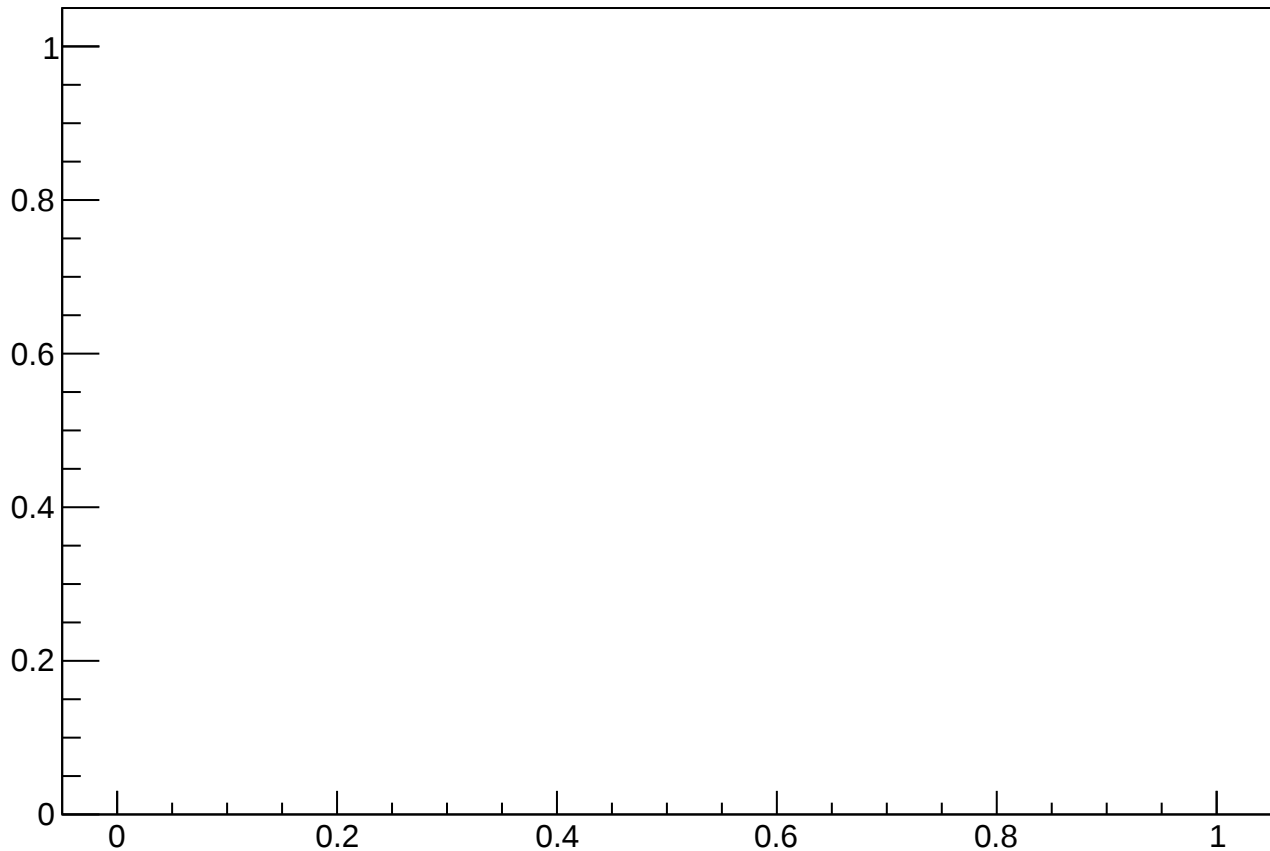
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

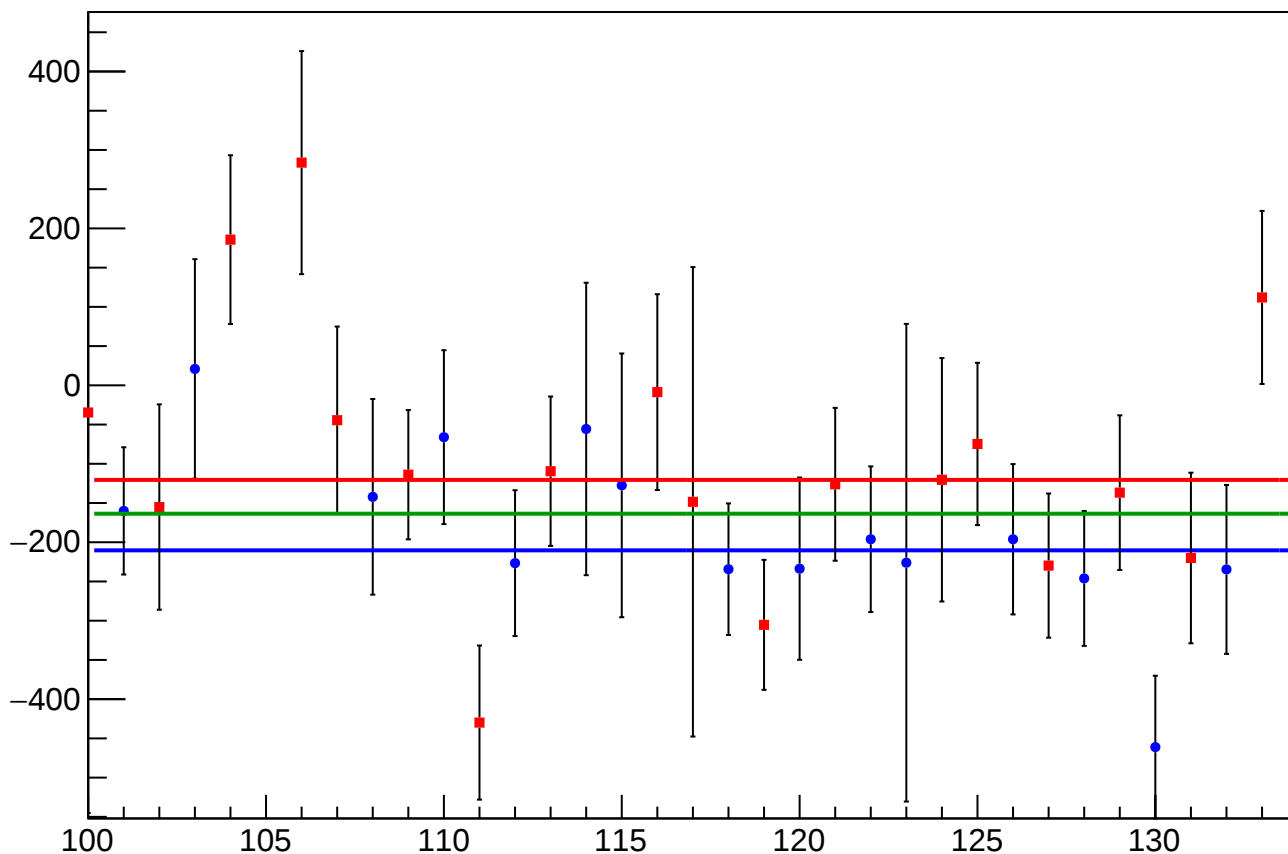
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -210.321+/-27.058 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.549+/-25.998 χ^2/NDF : 39.4/17

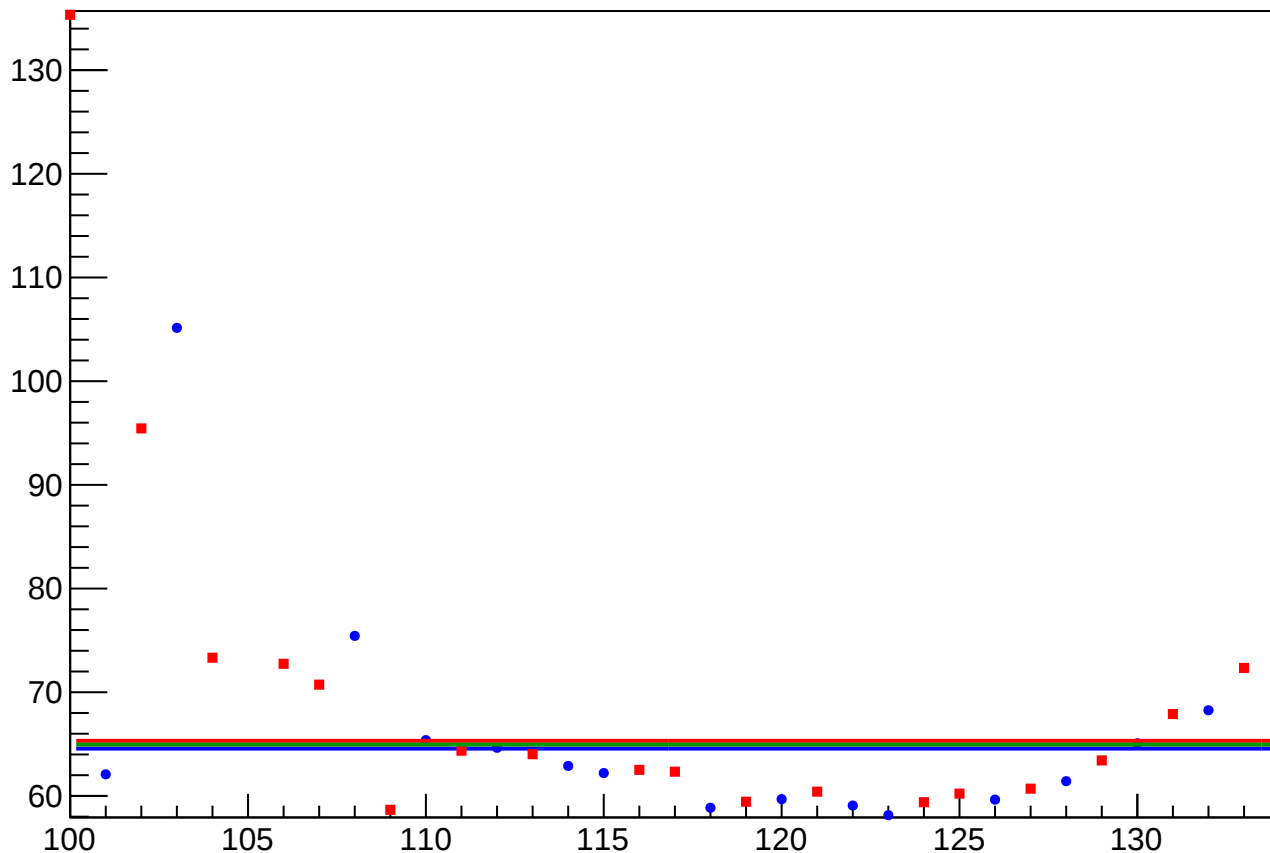
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-210.321+/-27.058 χ^2/NDF : 14.1/15

-163.641+/-18.747 χ^2/NDF : 59.2/33

-120.549+/-25.998 χ^2/NDF : 39.4/17

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.566+/-0.019 χ^2/NDF : 217742.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.311+/-0.018 χ^2/NDF : 217095.4/17

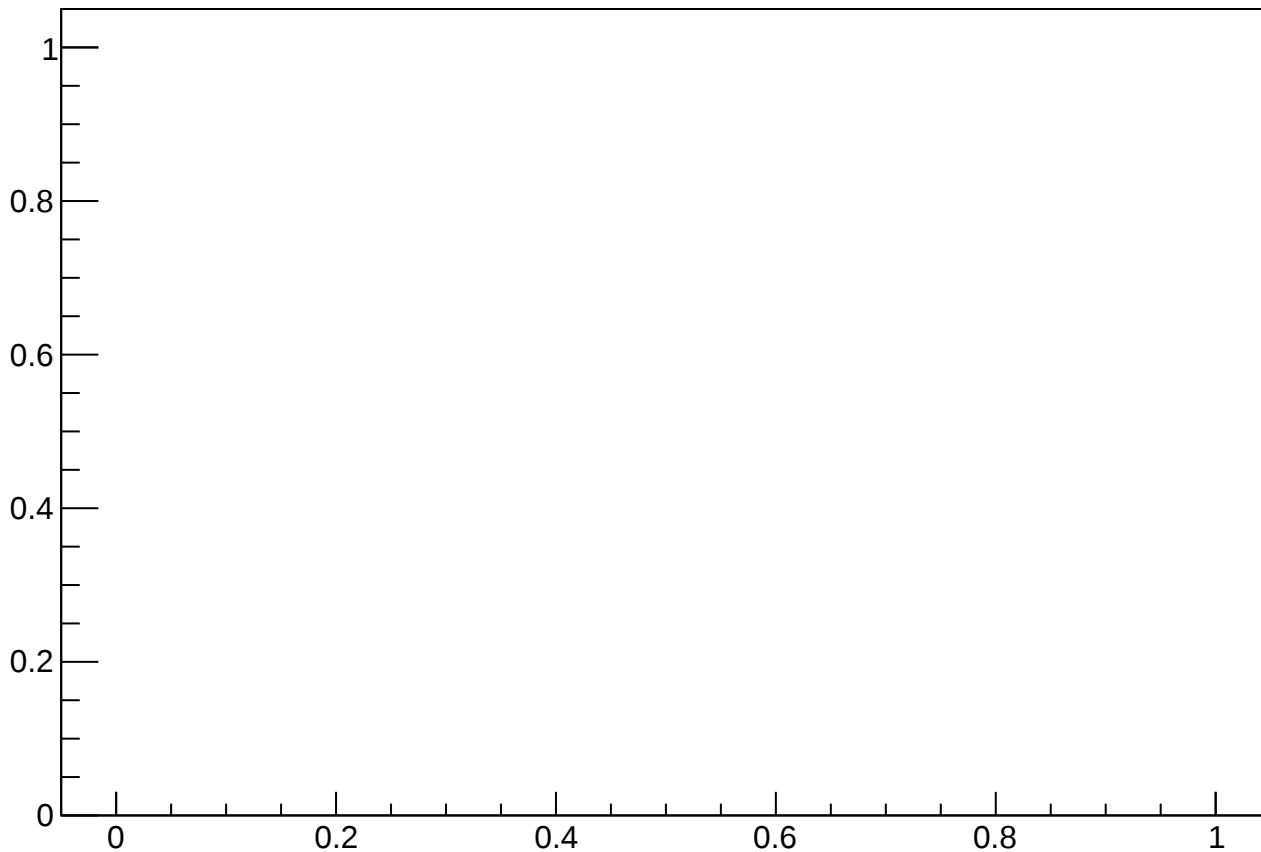
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.566+/-0.019 χ^2/NDF : 217742.3/15

64.953+/-0.013 χ^2/NDF : 435627.5/33

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

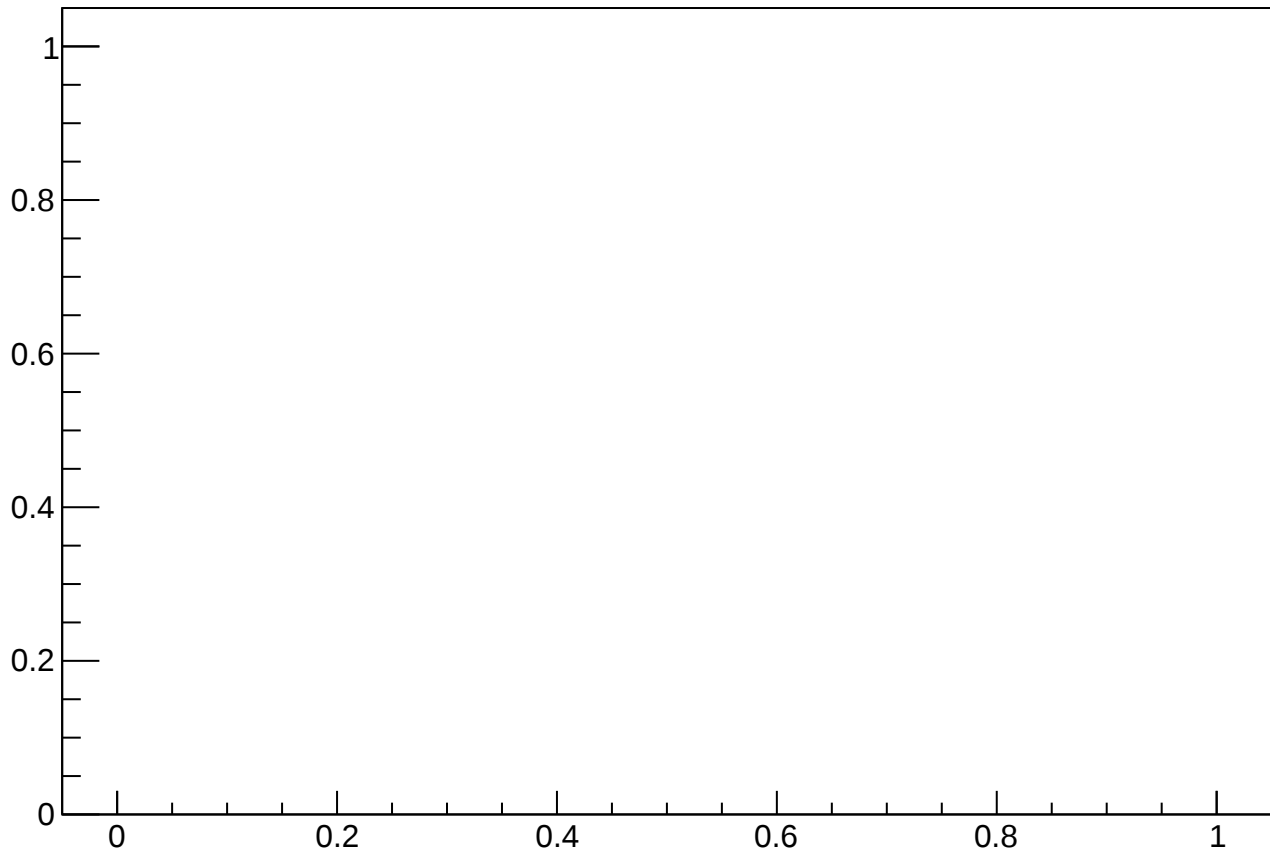
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

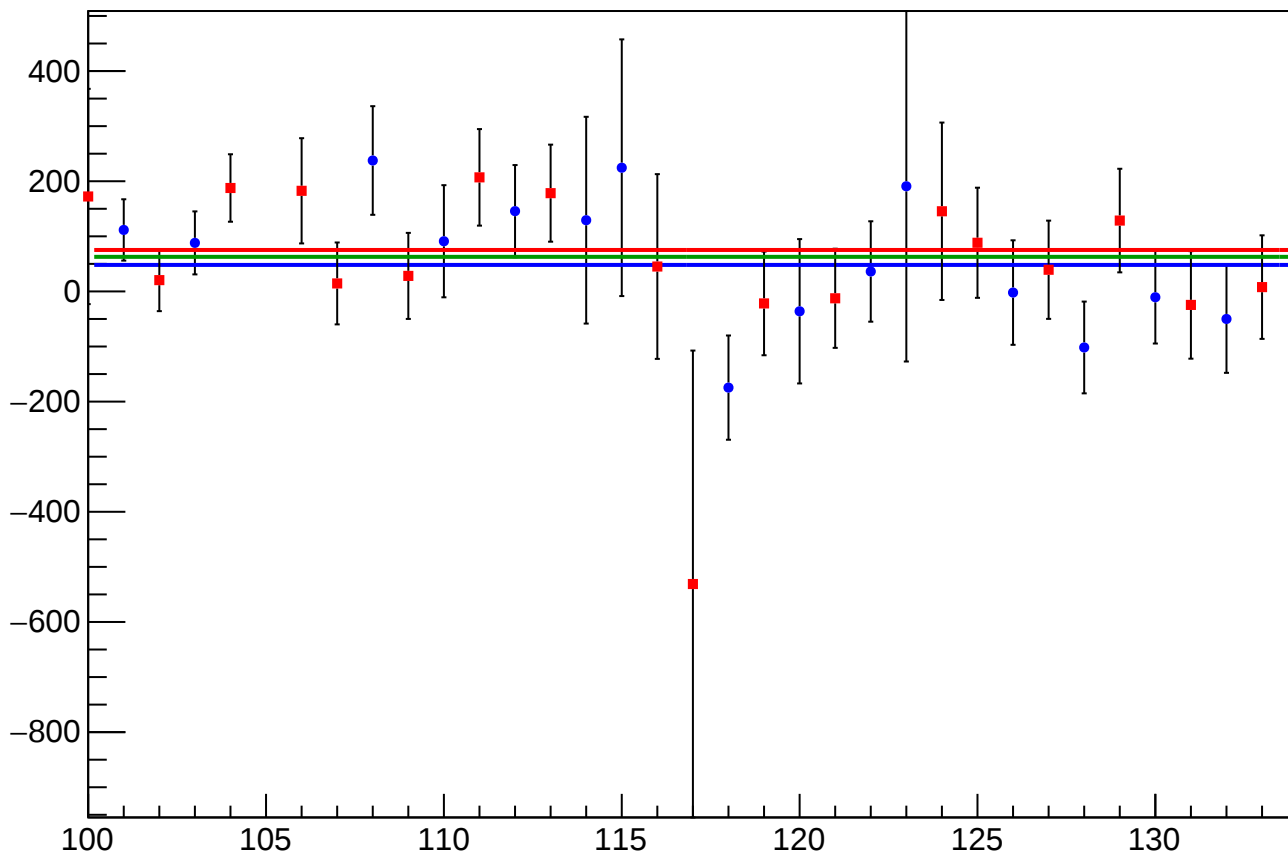
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 48.101 $\pm$ 23.127 χ^2 /NDF: 19.0/15

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

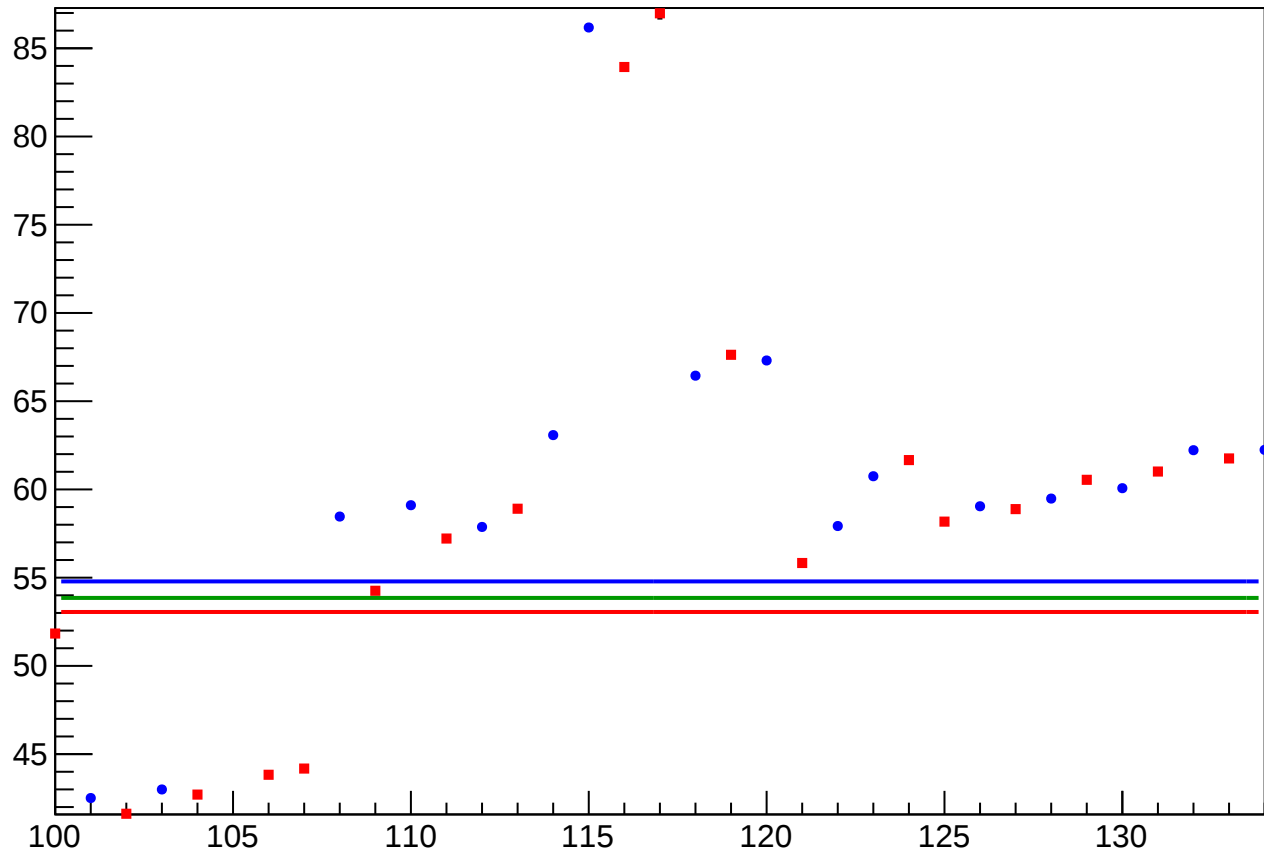
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

48.101 $\pm$ 23.127 χ^2 /NDF: 19.0/15

62.760 $\pm$ 15.684 χ^2 /NDF: 36.6/33

75.242 $\pm$ 21.342 χ^2 /NDF: 16.8/17

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.787+/-0.016 χ^2/NDF : 318737.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.055+/-0.015 χ^2/NDF : 393883.1/17

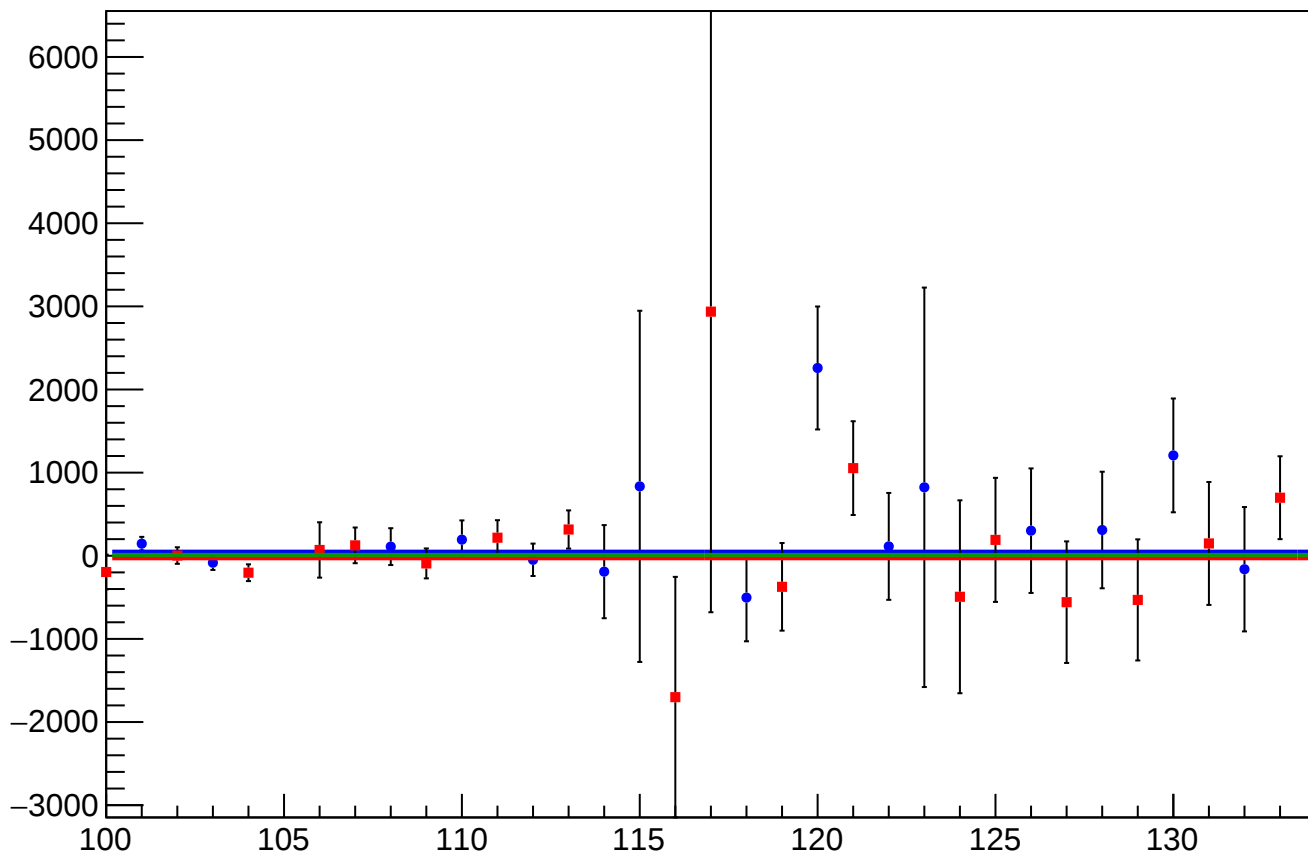
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.787+/-0.016 χ^2/NDF : 318737.4/15

53.852+/-0.011 χ^2/NDF : 718680.9/33

53.055+/-0.015 χ^2/NDF : 393883.1/17

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 49.673+/-52.184 χ^2/NDF : 22.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.263+/-53.868 χ^2/NDF : 17.6/17

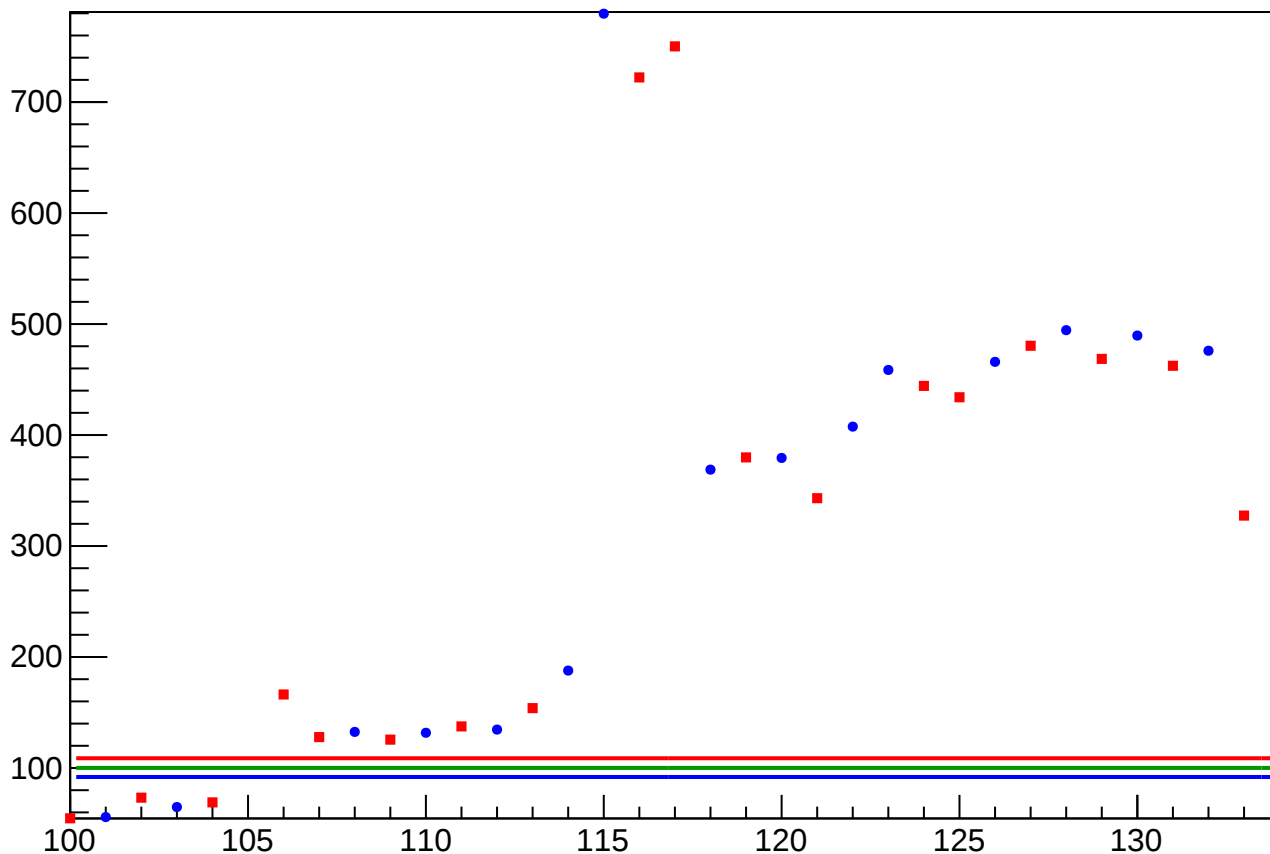
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.673+/-52.184 χ^2/NDF : 22.5/15

10.974+/-37.481 χ^2/NDF : 41.3/33

-30.263+/-53.868 χ^2/NDF : 17.6/17

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 91.895+/-0.037 χ^2/NDF : 5025100.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.790+/-0.038 χ^2/NDF : 4597006.0/17

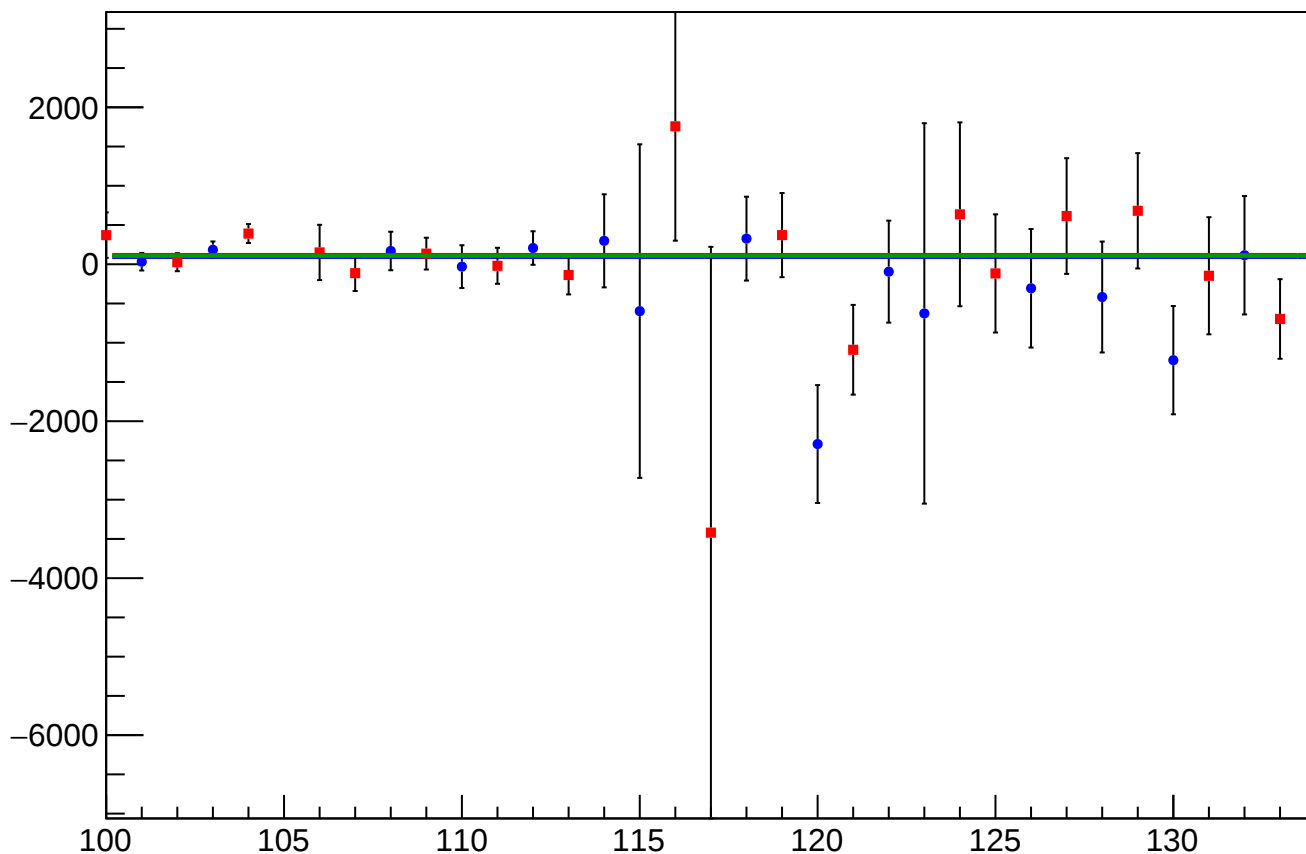
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.895+/-0.037 χ^2/NDF : 5025100.2/15

100.075+/-0.027 χ^2/NDF : 9723599.0/33

108.790+/-0.038 χ^2/NDF : 4597006.0/17

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.128+/-64.309 χ^2/NDF : 20.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.782+/-61.713 χ^2/NDF : 19.9/17

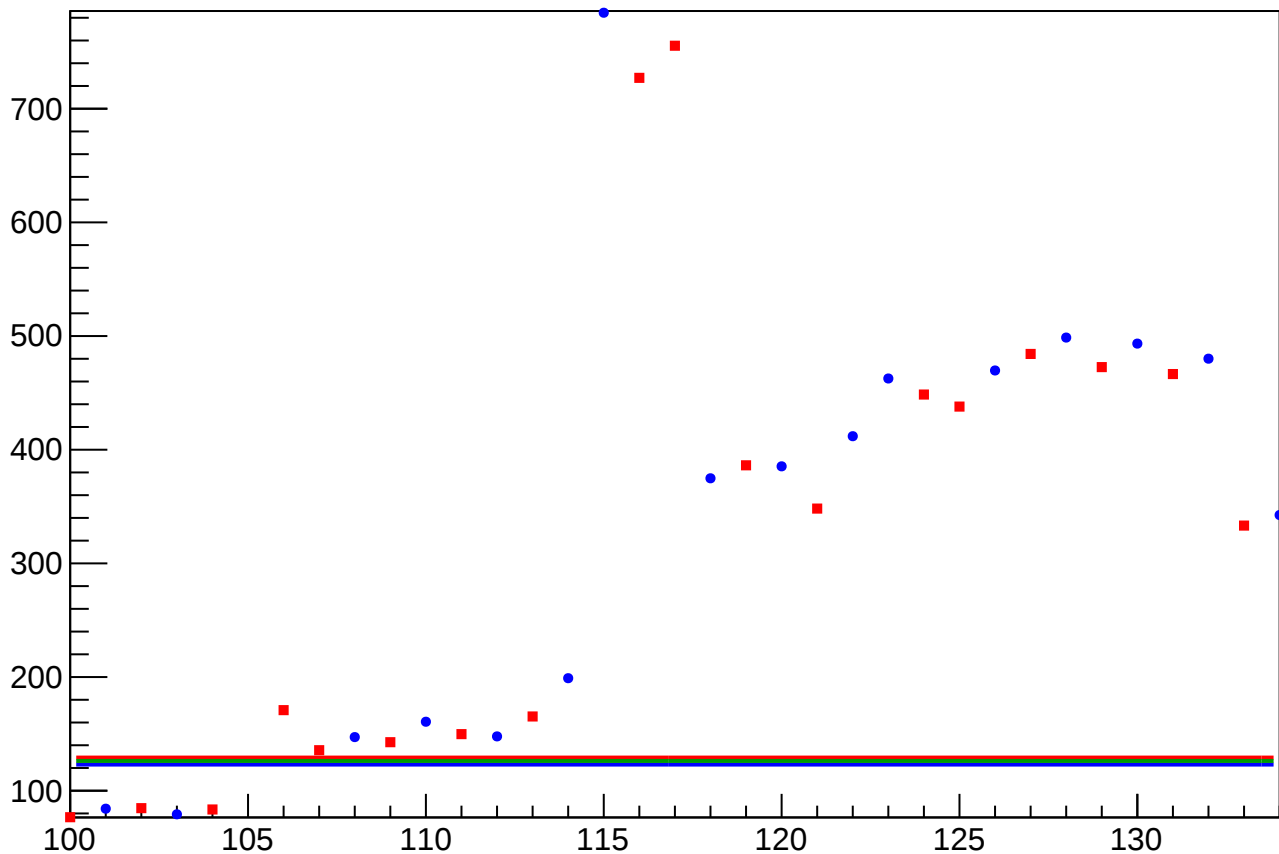
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

93.128+/-64.309 χ^2/NDF : 20.5/15

106.483+/-44.527 χ^2/NDF : 40.5/33

118.782+/-61.713 χ^2/NDF : 19.9/17

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 123.004+/-0.045 χ^2/NDF : 4188980.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.150+/-0.044 χ^2/NDF : 4019537.9/17

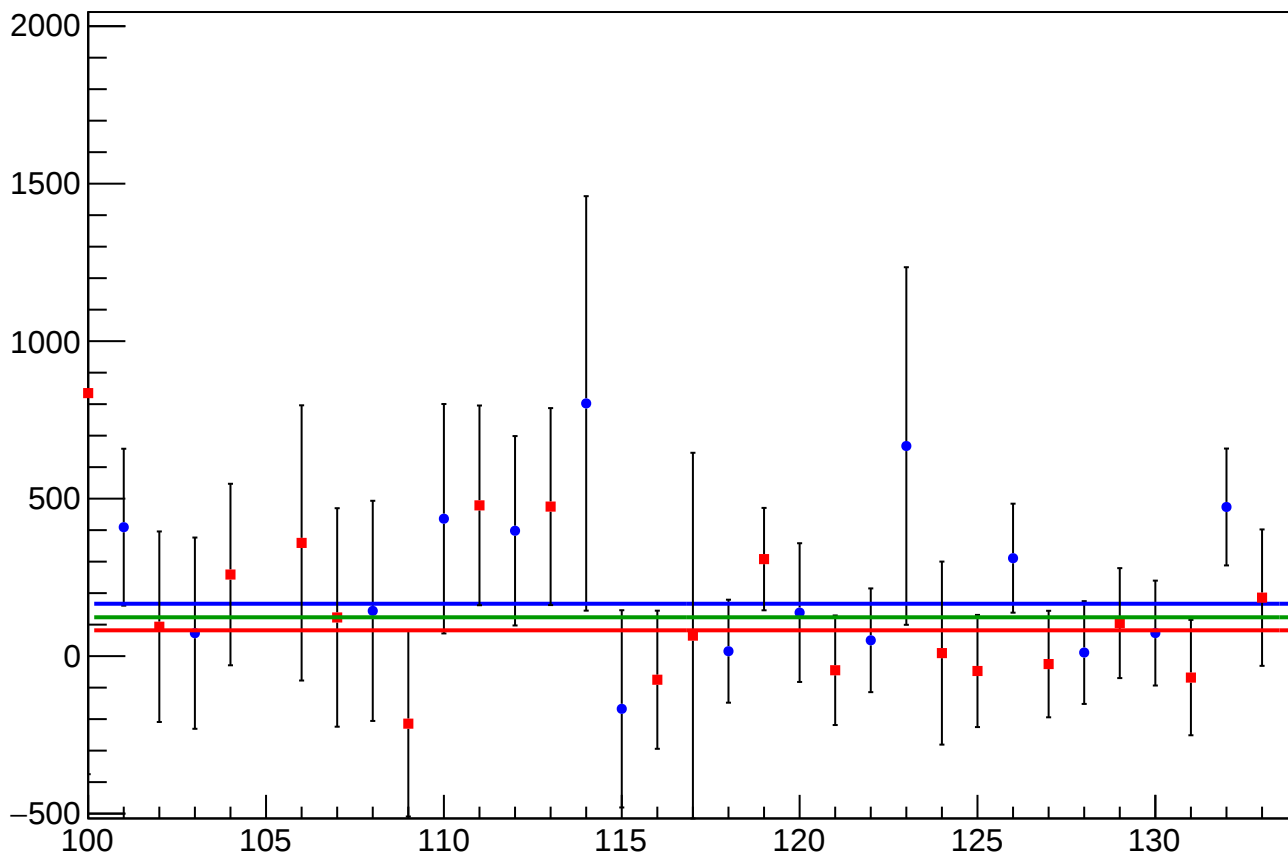
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.004+/-0.045 χ^2/NDF : 4188980.0/15

126.204+/-0.031 χ^2/NDF : 8218025.9/33

129.150+/-0.044 χ^2/NDF : 4019537.9/17

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 166.322 $\pm$ 56.417 χ^2 /NDF: 11.1/15

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

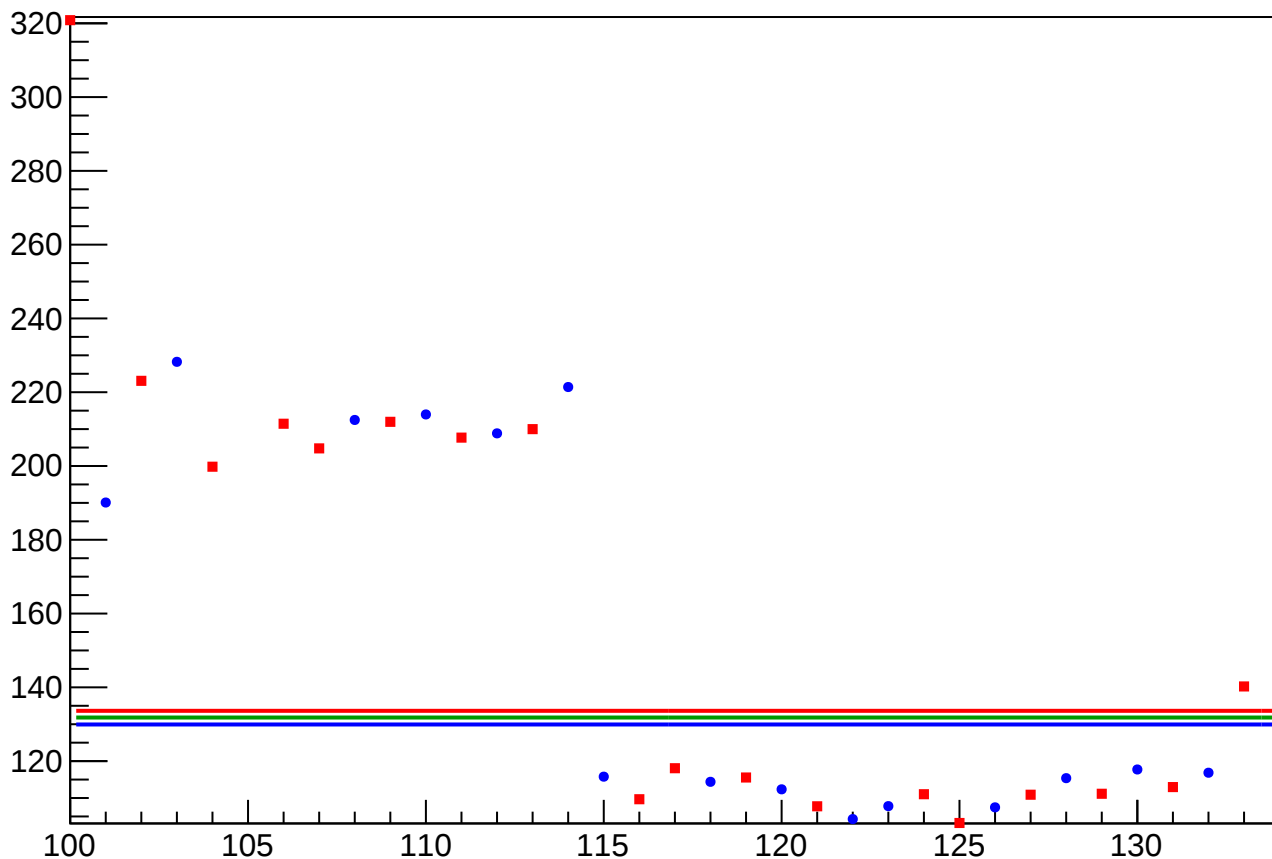
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

166.322 $\pm$ 56.417 χ^2 /NDF: 11.1/15

123.353 $\pm$ 39.526 χ^2 /NDF: 22.5/33

81.928 $\pm$ 55.394 χ^2 /NDF: 10.2/17

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 129.932+/-0.040 χ^2/NDF : 884186.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.636+/-0.039 χ^2/NDF : 1106913.3/17

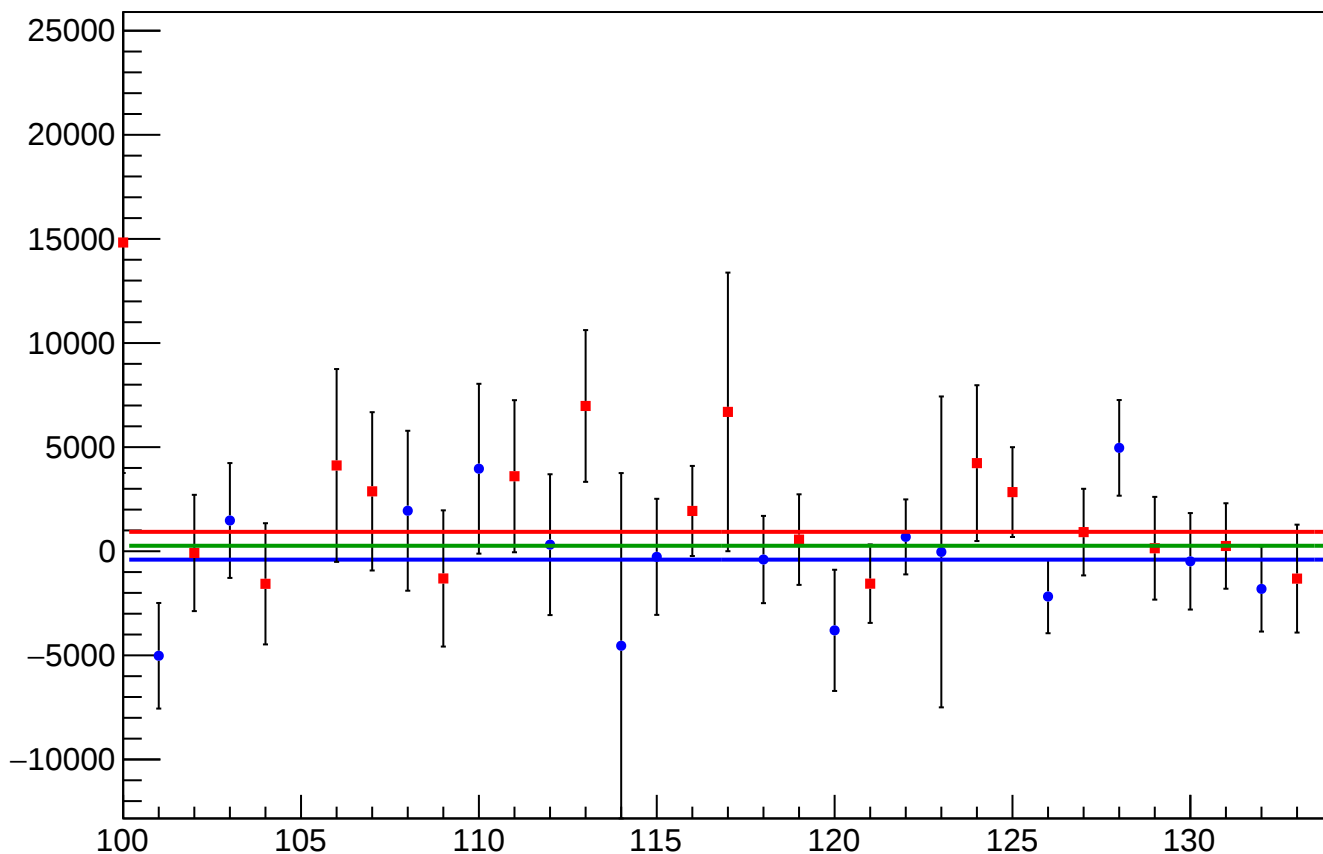
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

129.932+/-0.040 χ^2/NDF : 884186.0/15

131.818+/-0.028 χ^2/NDF : 1995489.3/33

133.636+/-0.039 χ^2/NDF : 1106913.3/17

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -402.842 $\pm$ 642.914 χ^2 /NDF: 14.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 931.962 $\pm$ 644.047 χ^2 /NDF: 12.2/17

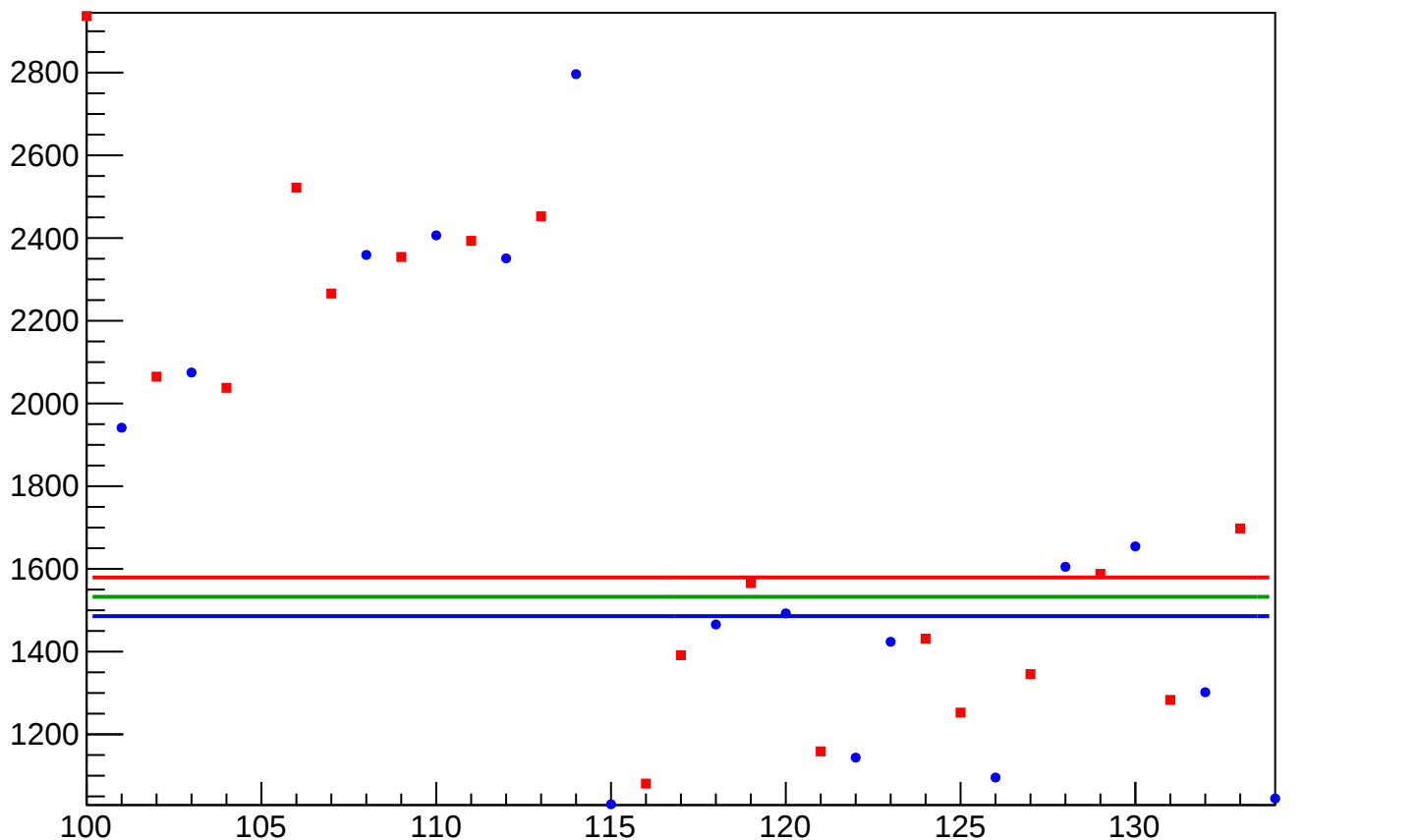
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-402.842 $\pm$ 642.914 χ^2 /NDF: 14.3/15

263.385 $\pm$ 455.009 χ^2 /NDF: 28.6/33

931.962 $\pm$ 644.047 χ^2 /NDF: 12.2/17

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1485.793+/-0.455 χ^2/NDF : 862402.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1579.399+/-0.455 χ^2/NDF : 942039.9/17

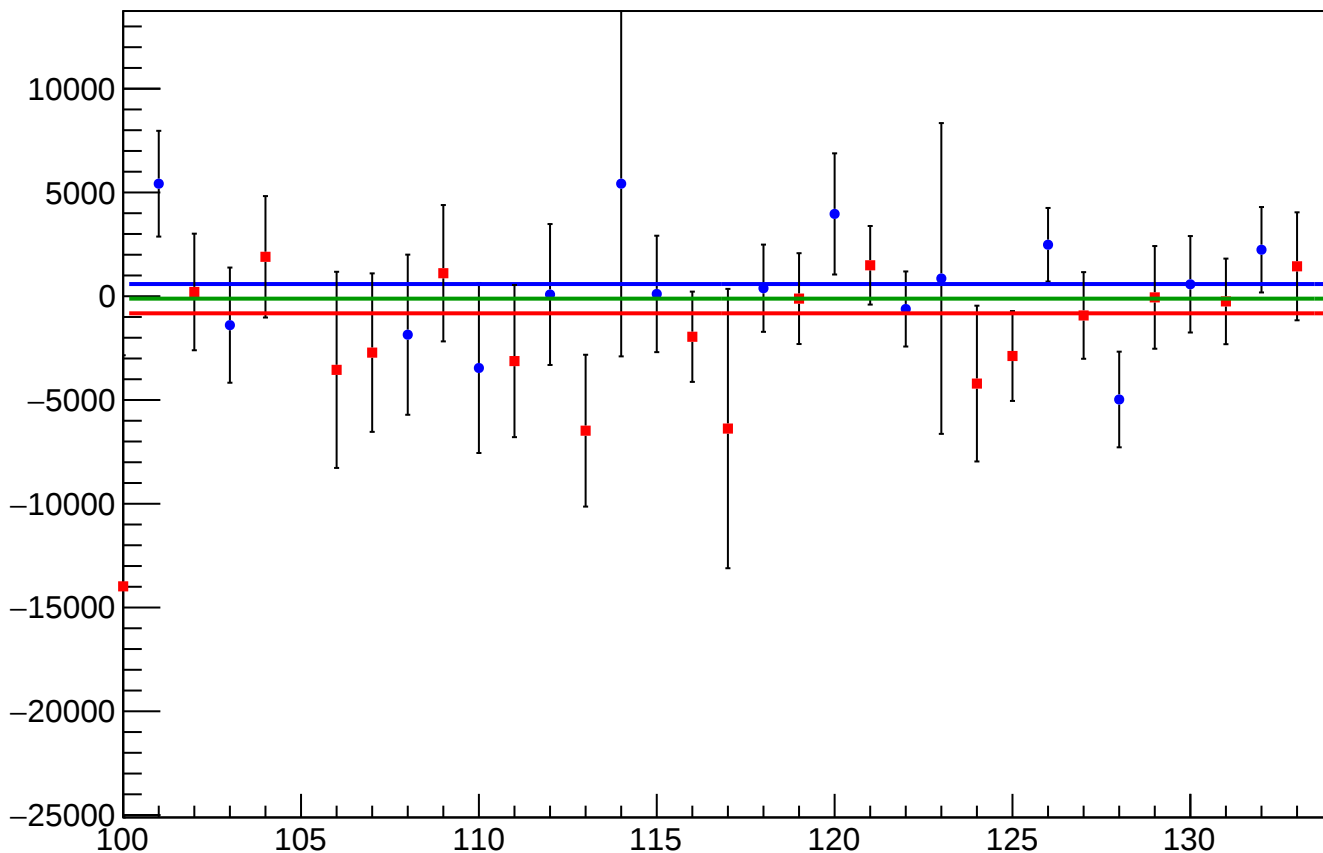
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1485.793+/-0.455 χ^2/NDF : 862402.9/15

1532.513+/-0.322 χ^2/NDF : 1825603.9/33

1579.399+/-0.455 χ^2/NDF : 942039.9/17

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 587.386+/-645.779 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -823.365+/-647.099 χ^2/NDF : 11.3/17

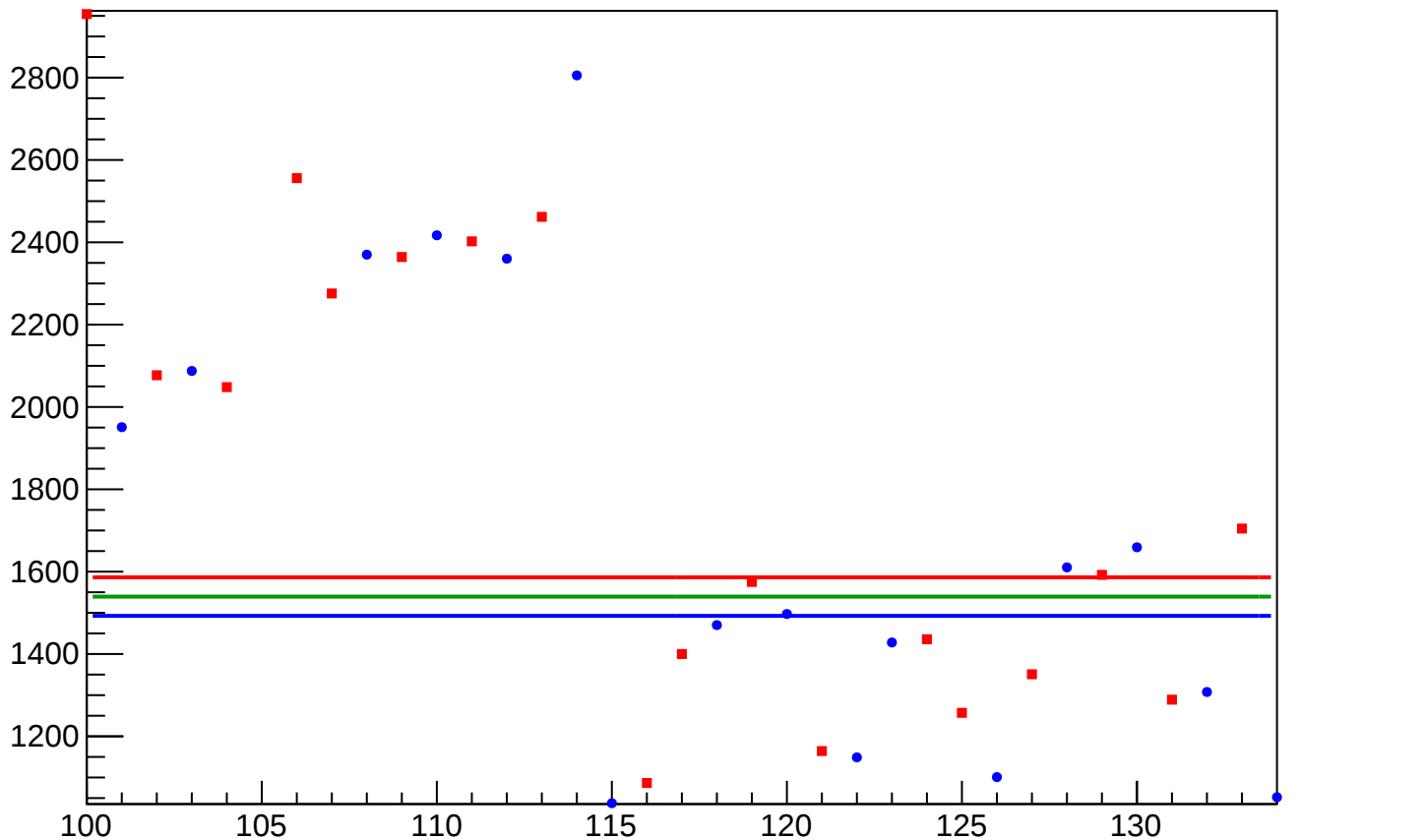
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

587.386+/-645.779 χ^2/NDF : 15.3/15

-116.549+/-457.101 χ^2/NDF : 29.0/33

-823.365+/-647.099 χ^2/NDF : 11.3/17

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1492.594 $\pm$ 0.457 χ^2 /NDF: 860476.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1586.252 $\pm$ 0.458 χ^2 /NDF: 943495.2/17

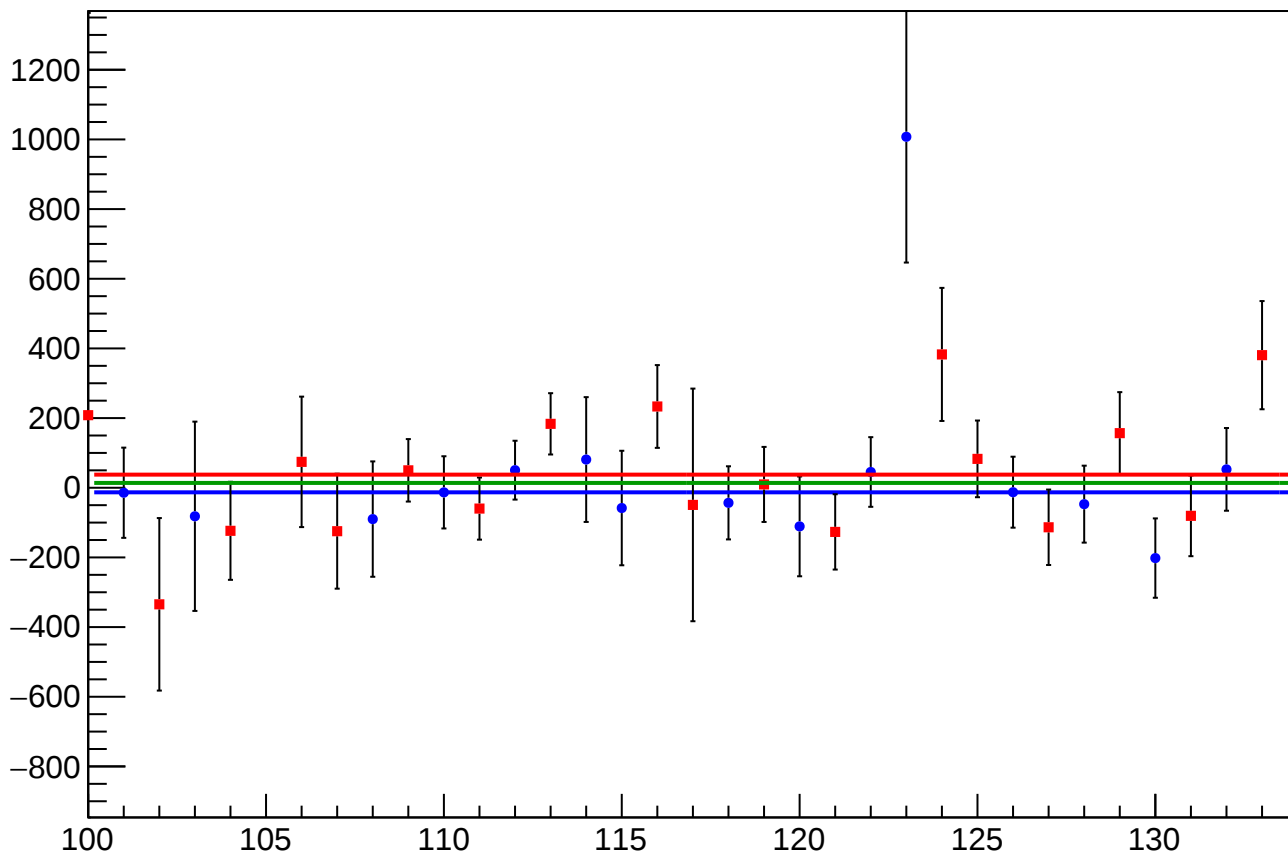
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1492.594 $\pm$ 0.457 χ^2 /NDF: 860476.2/15

1539.327 $\pm$ 0.323 χ^2 /NDF: 1824962.3/33

1586.252 $\pm$ 0.458 χ^2 /NDF: 943495.2/17

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -13.120+/-31.439 χ^2/NDF : 13.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.674+/-29.530 χ^2/NDF : 26.0/17

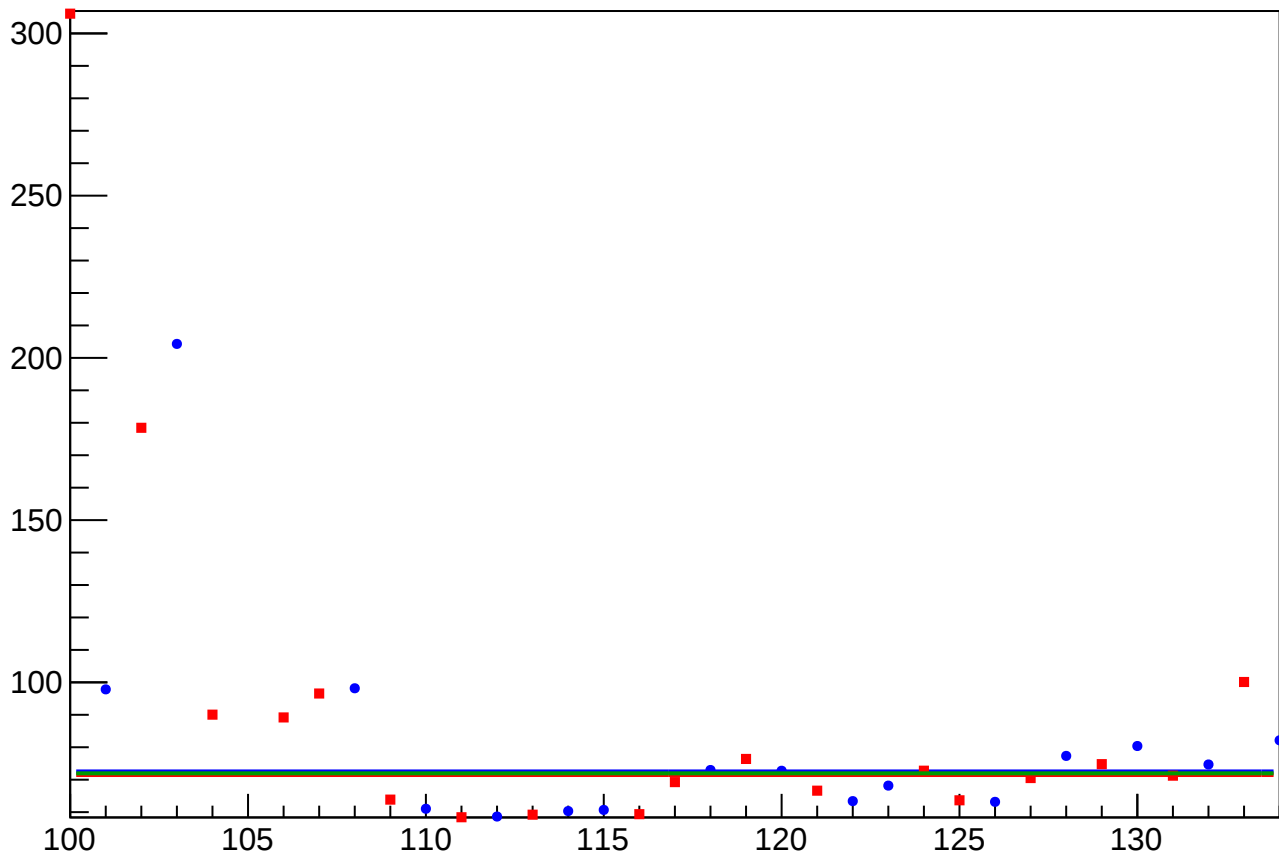
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.120+/-31.439 χ^2/NDF : 13.2/15

13.866+/-21.524 χ^2/NDF : 40.7/33

37.674+/-29.530 χ^2/NDF : 26.0/17

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 72.542 $\pm$ 0.022 χ^2 /NDF: 745996.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.443 $\pm$ 0.021 χ^2 /NDF: 759772.4/17

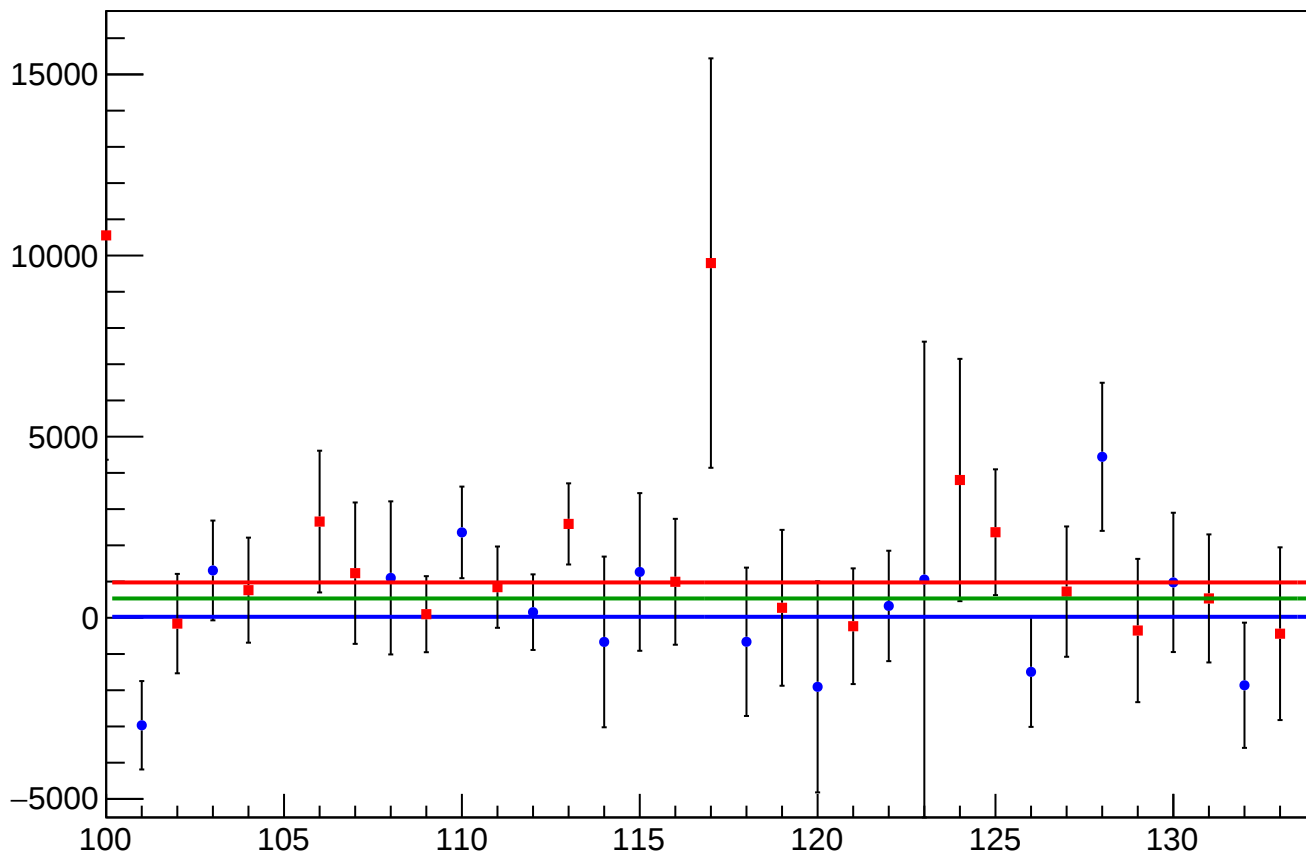
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.542 $\pm$ 0.022 χ^2 /NDF: 745996.6/15

71.958 $\pm$ 0.015 χ^2 /NDF: 1507068.3/33

71.443 $\pm$ 0.021 χ^2 /NDF: 759772.4/17

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 27.383+/-419.174 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.158+/-392.002 χ^2/NDF : 12.0/17

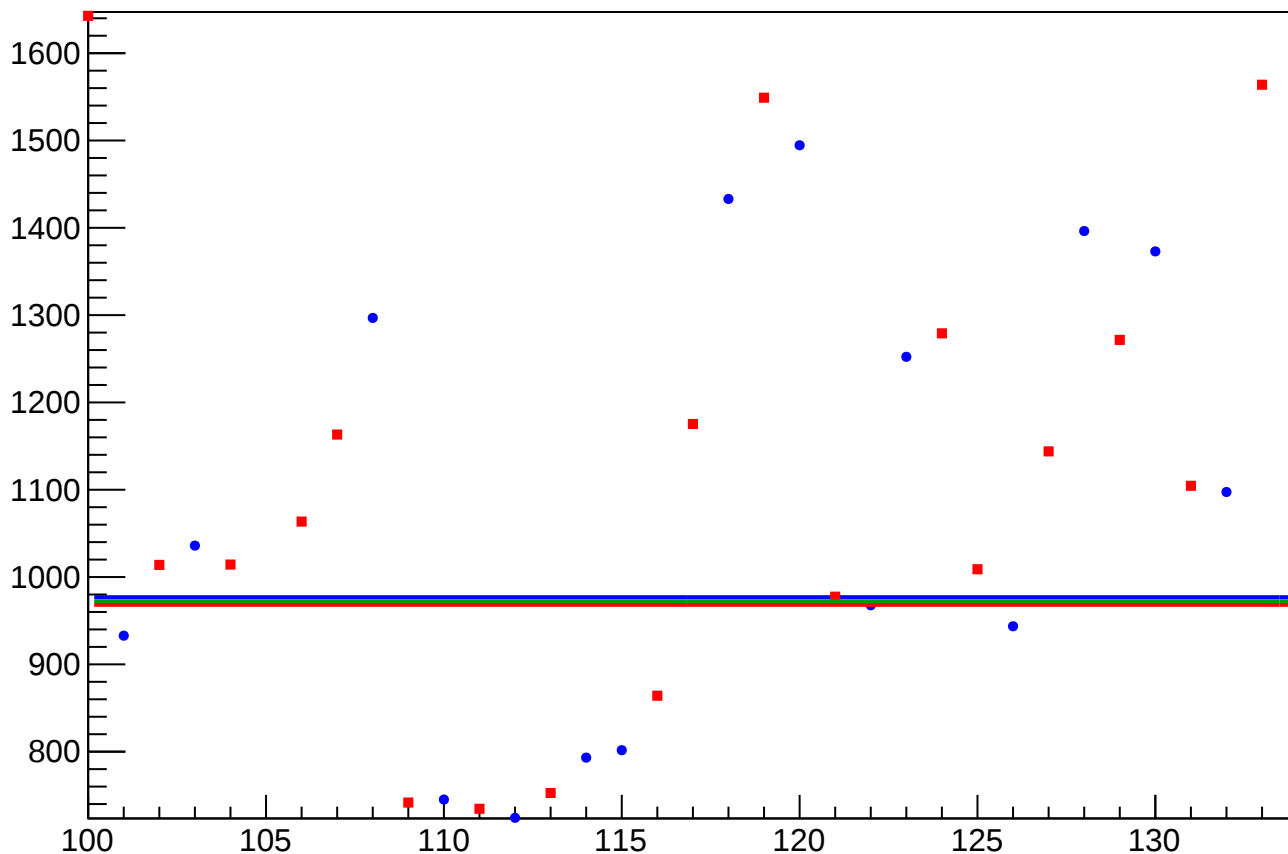
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.383+/-419.174 χ^2/NDF : 19.3/15

533.517+/-286.312 χ^2/NDF : 34.1/33

976.158+/-392.002 χ^2/NDF : 12.0/17

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 976.939+/-0.296 χ^2/NDF : 615437.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 968.172+/-0.277 χ^2/NDF : 683538.3/17

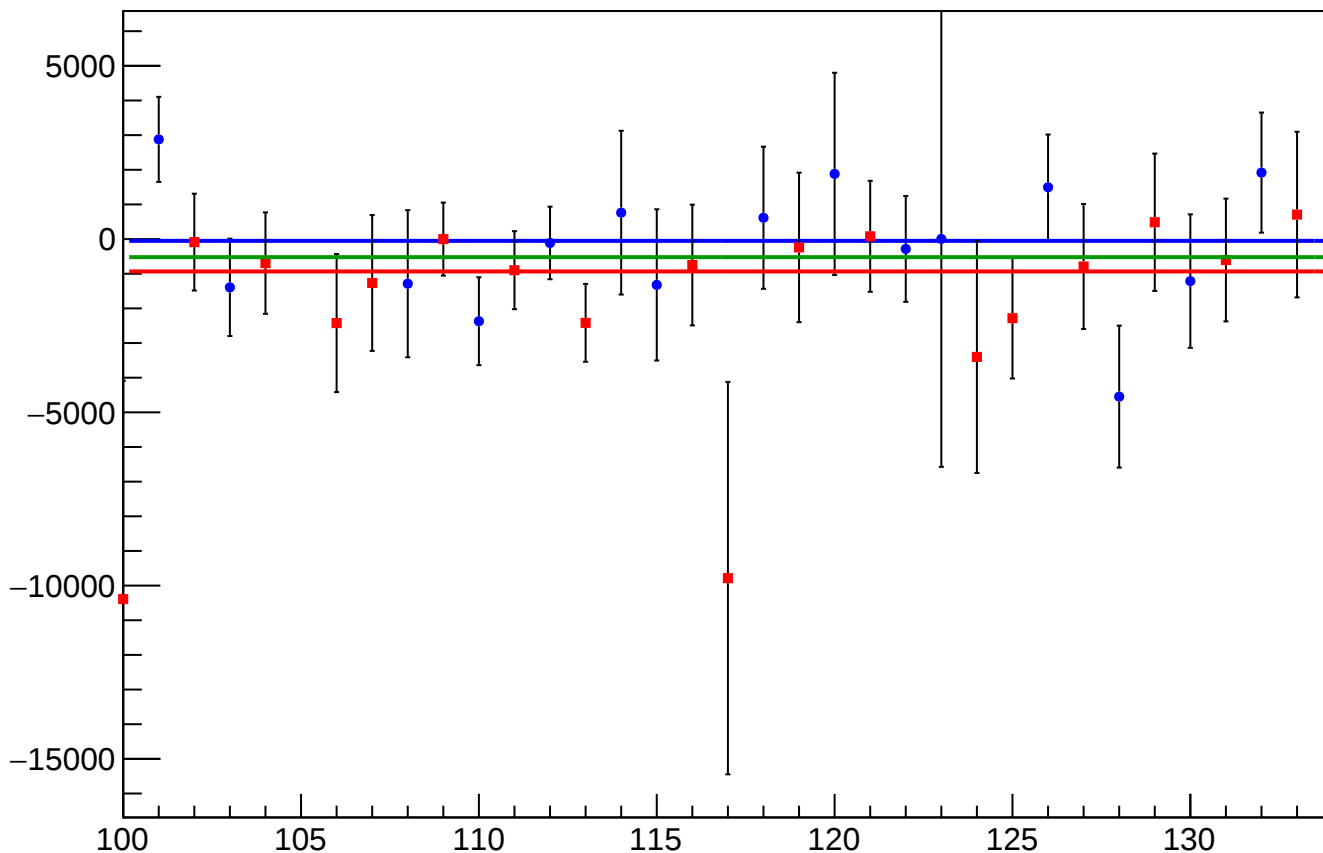
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

976.939+/-0.296 χ^2/NDF : 615437.1/15

972.262+/-0.202 χ^2/NDF : 1299442.1/33

968.172+/-0.277 χ^2/NDF : 683538.3/17

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -51.380 ± 421.179 χ^2/NDF : 19.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -933.469 ± 394.073 χ^2/NDF : 10.9/17

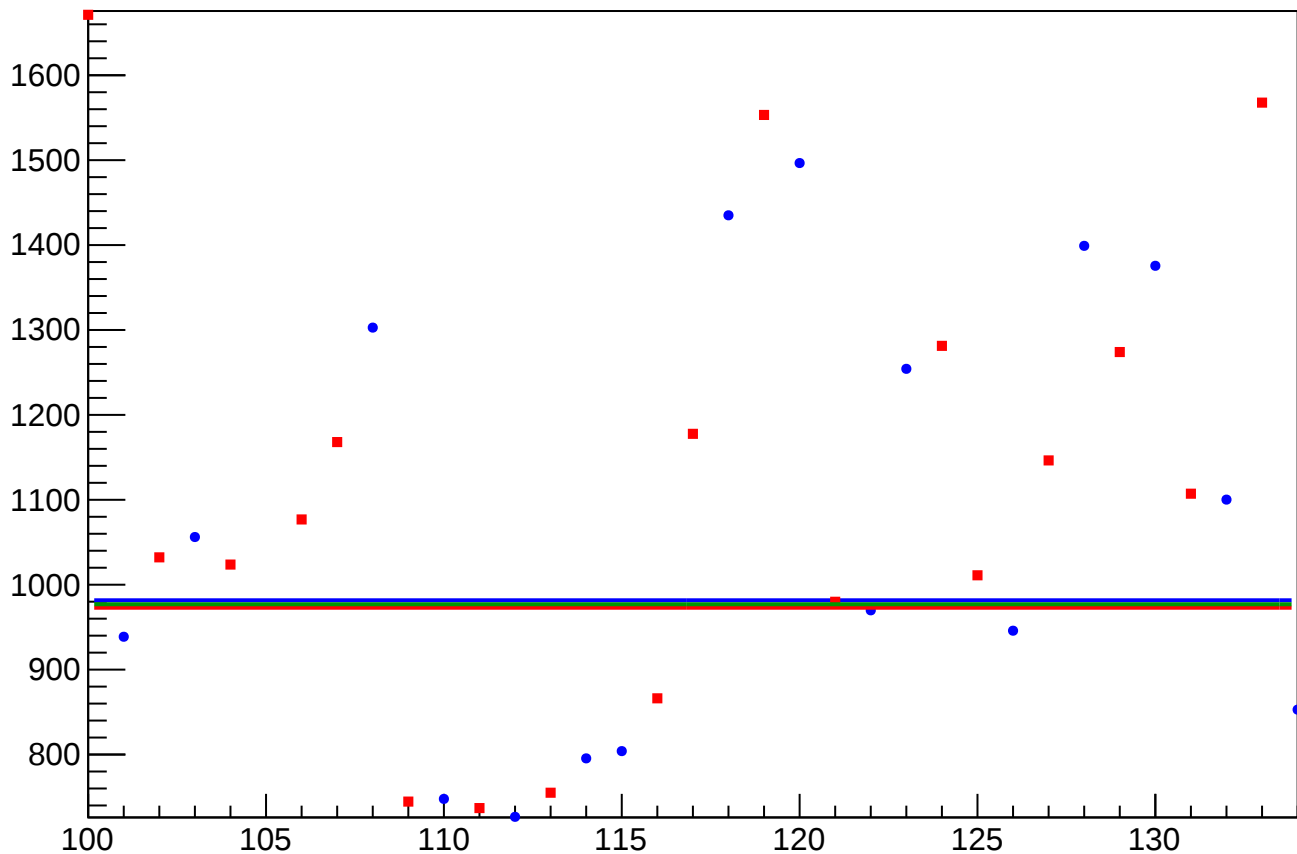
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-51.380 ± 421.179 χ^2/NDF : 19.5/15

-521.720 ± 287.757 χ^2/NDF : 32.7/33

-933.469 ± 394.073 χ^2/NDF : 10.9/17

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 981.651+/-0.298 χ^2/NDF : 614963.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 972.901+/-0.279 χ^2/NDF : 685707.9/17

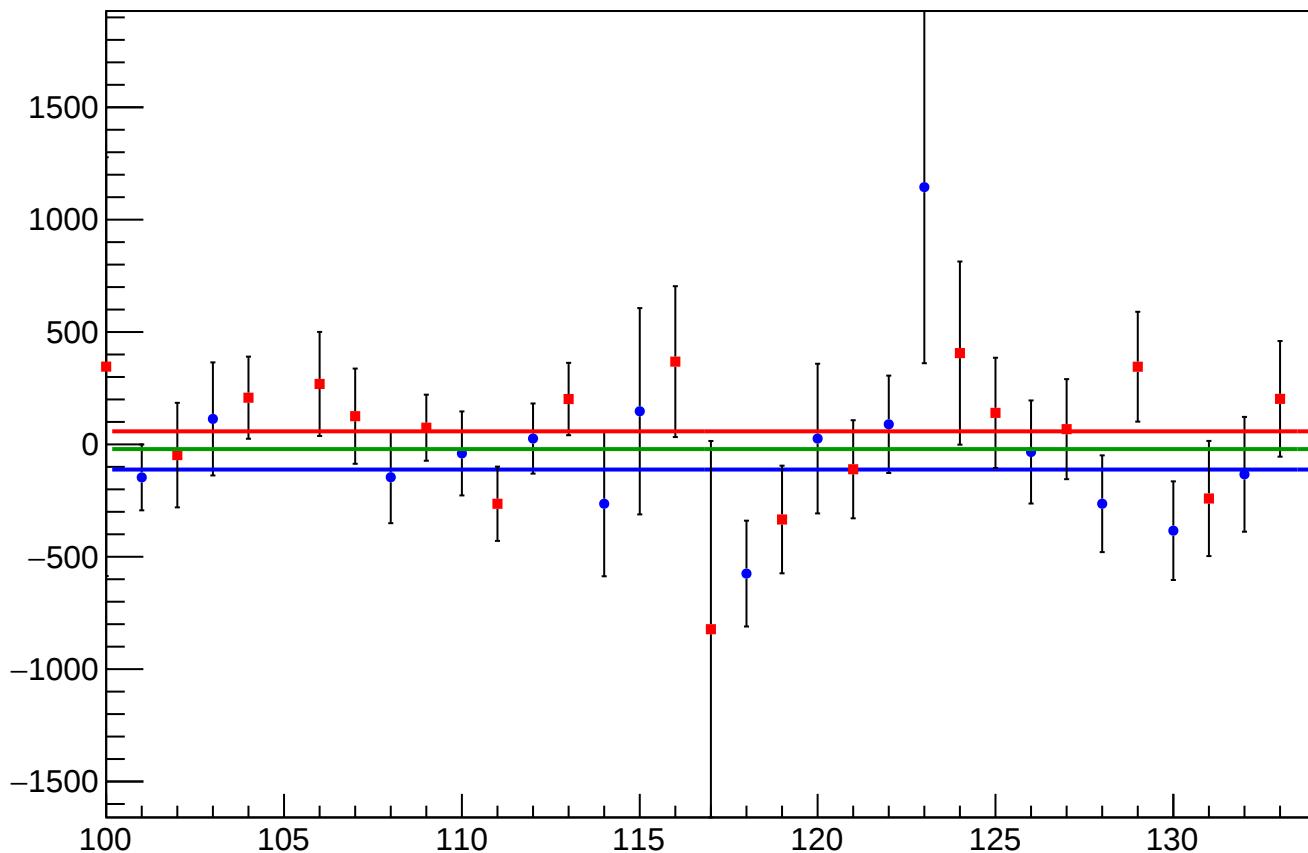
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

981.651+/-0.298 χ^2/NDF : 614963.9/15

976.985+/-0.203 χ^2/NDF : 1301132.0/33

972.901+/-0.279 χ^2/NDF : 685707.9/17

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -111.916+/-57.314 χ^2/NDF : 12.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.125+/-53.403 χ^2/NDF : 15.7/17

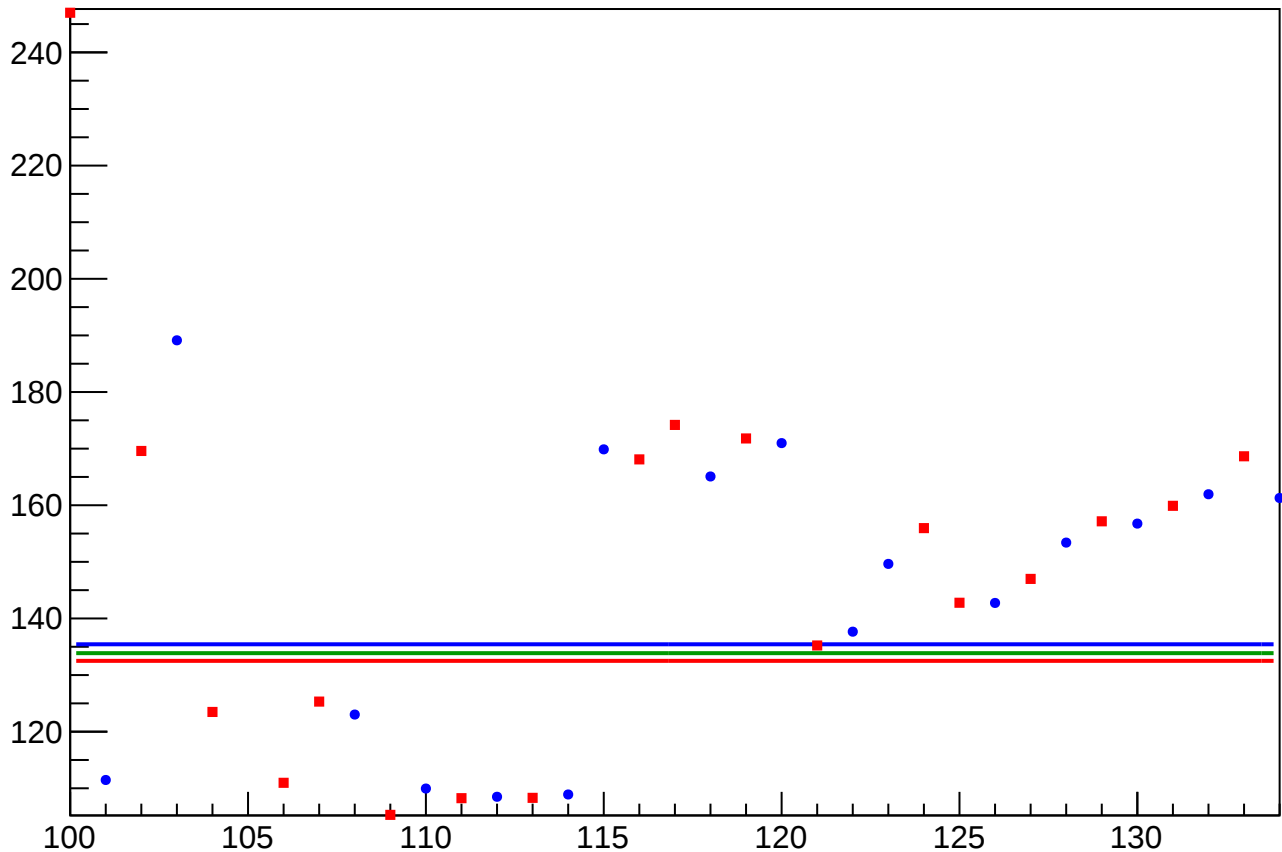
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-111.916+/-57.314 χ^2/NDF : 12.0/15

-20.897+/-39.071 χ^2/NDF : 32.4/33

58.125+/-53.403 χ^2/NDF : 15.7/17

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.438+/-0.041 χ^2/NDF : 395218.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.512+/-0.038 χ^2/NDF : 445113.7/17

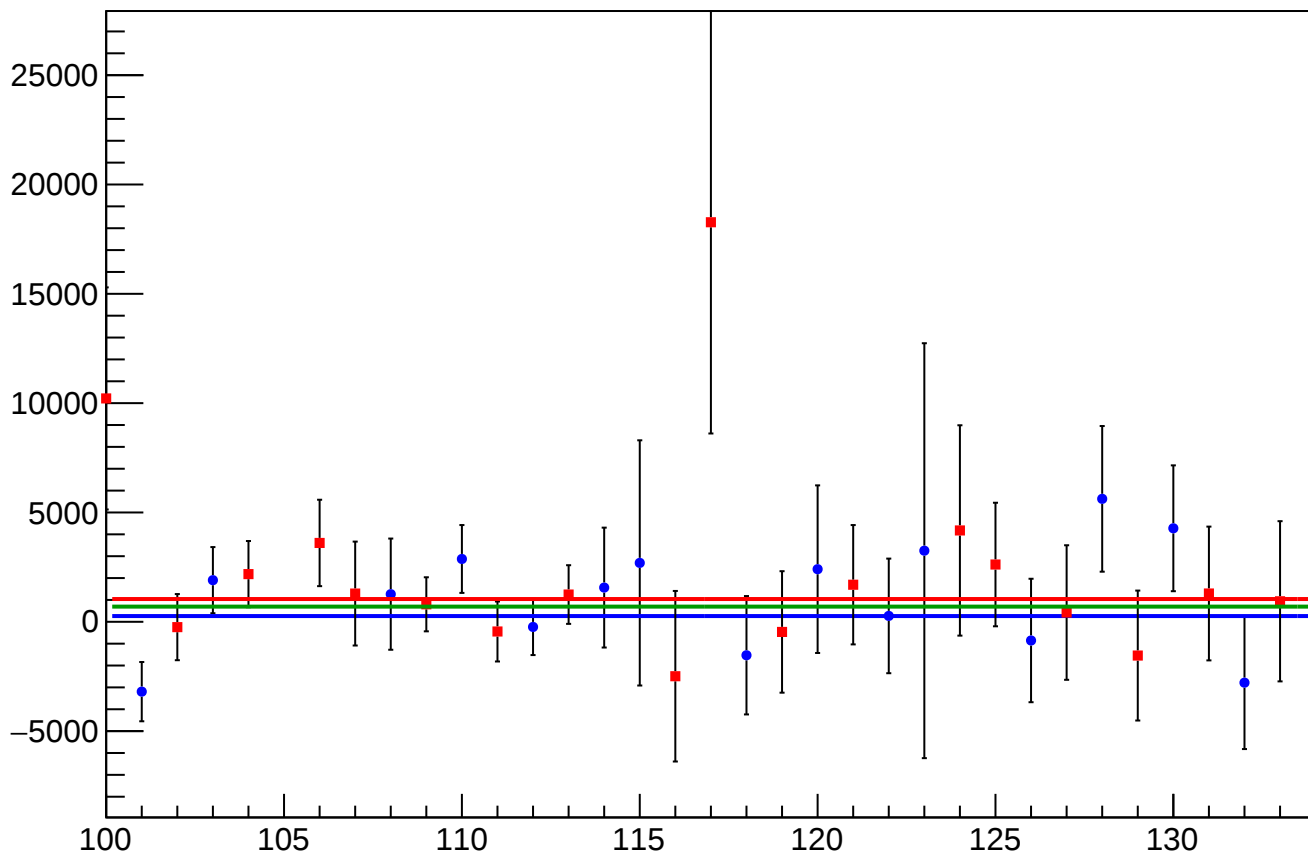
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.438+/-0.041 χ^2/NDF : 395218.1/15

133.872+/-0.028 χ^2/NDF : 843123.1/33

132.512+/-0.038 χ^2/NDF : 445113.7/17

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 262.278+/-558.346 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1041.285+/-500.259 χ^2/NDF : 13.4/17

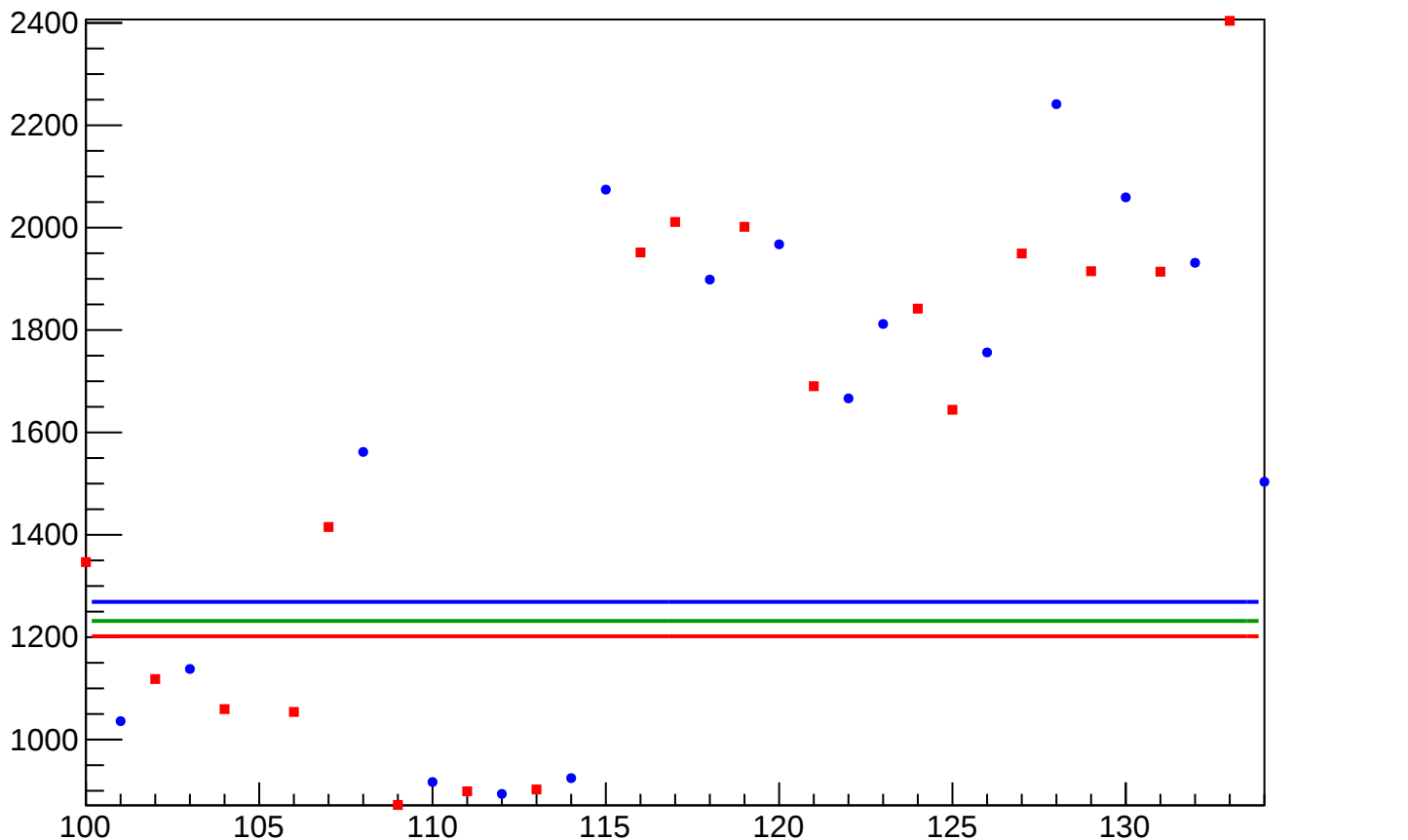
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

262.278+/-558.346 χ^2/NDF : 20.4/15

694.398+/-372.586 χ^2/NDF : 34.8/33

1041.285+/-500.259 χ^2/NDF : 13.4/17

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1269.059 ± 0.395 $\chi^2/\text{NDF}: 1158593.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1201.793 ± 0.354 $\chi^2/\text{NDF}: 1351137.8/17$

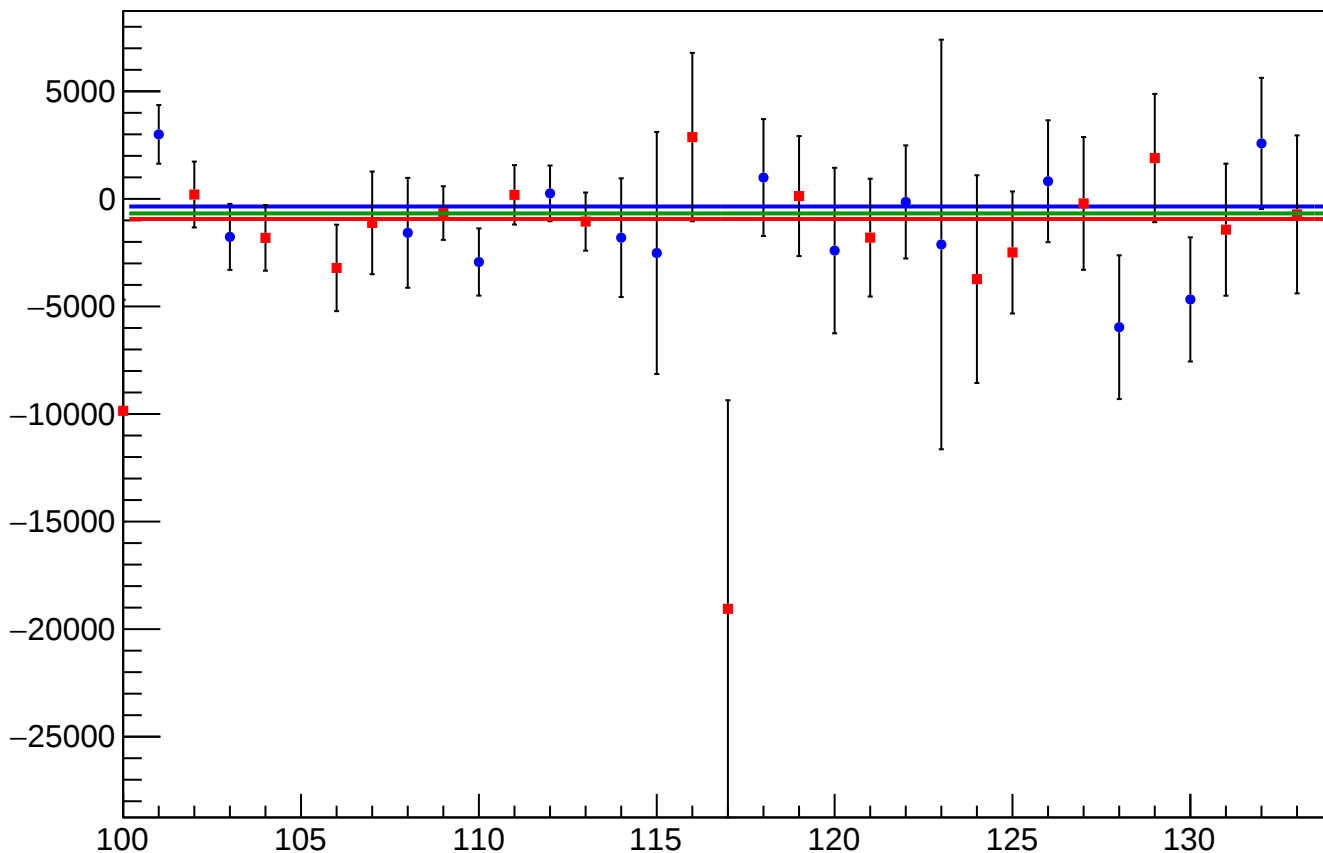
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1269.059 ± 0.395 $\chi^2/\text{NDF}: 1158593.9/15$

1231.746 ± 0.263 $\chi^2/\text{NDF}: 2525833.8/33$

1201.793 ± 0.354 $\chi^2/\text{NDF}: 1351137.8/17$

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -353.885+/-562.147 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -934.383+/-504.209 χ^2/NDF : 12.2/17

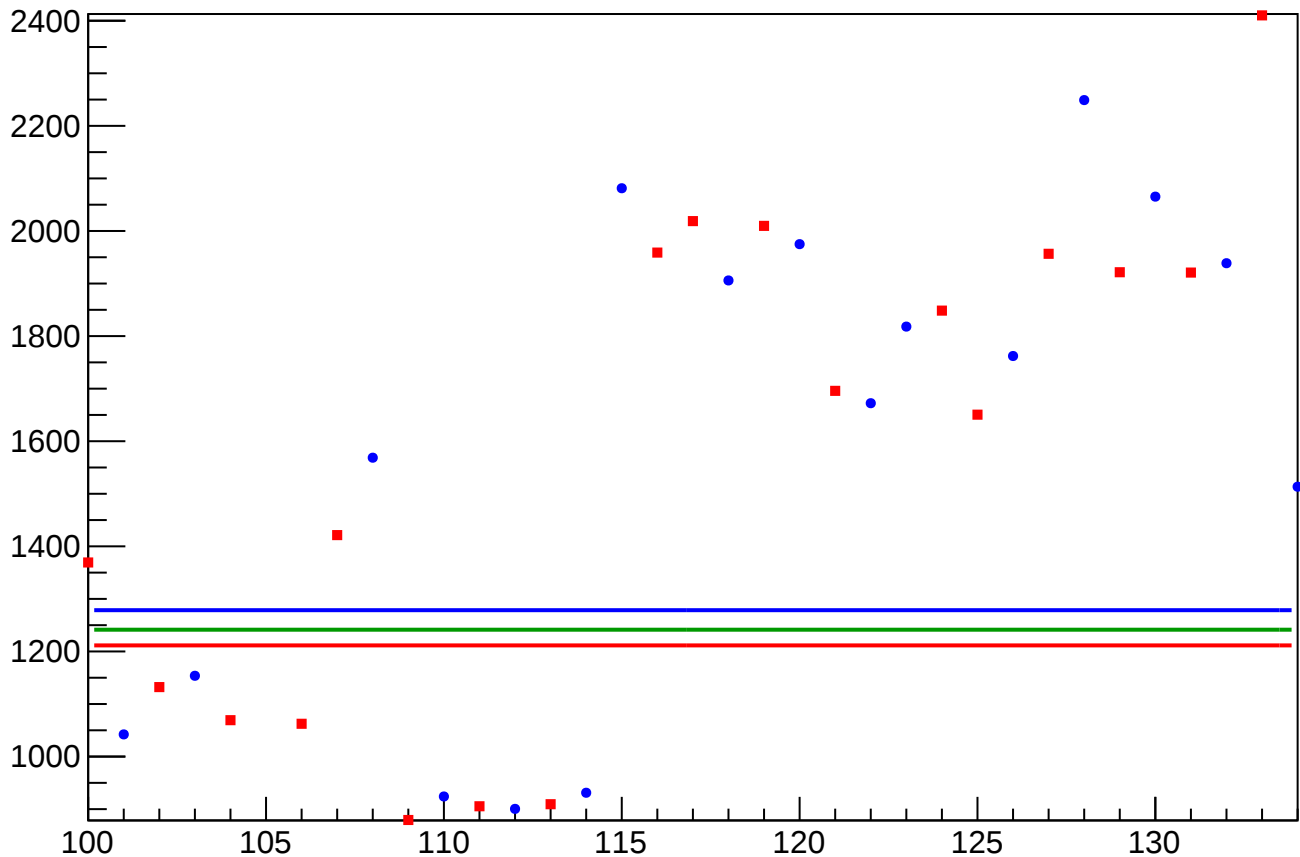
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-353.885+/-562.147 χ^2/NDF : 19.6/15

-675.581+/-375.347 χ^2/NDF : 32.4/33

-934.383+/-504.209 χ^2/NDF : 12.2/17

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1278.521+/-0.397 χ^2/NDF : 1146451.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1211.520+/-0.357 χ^2/NDF : 1336873.9/17

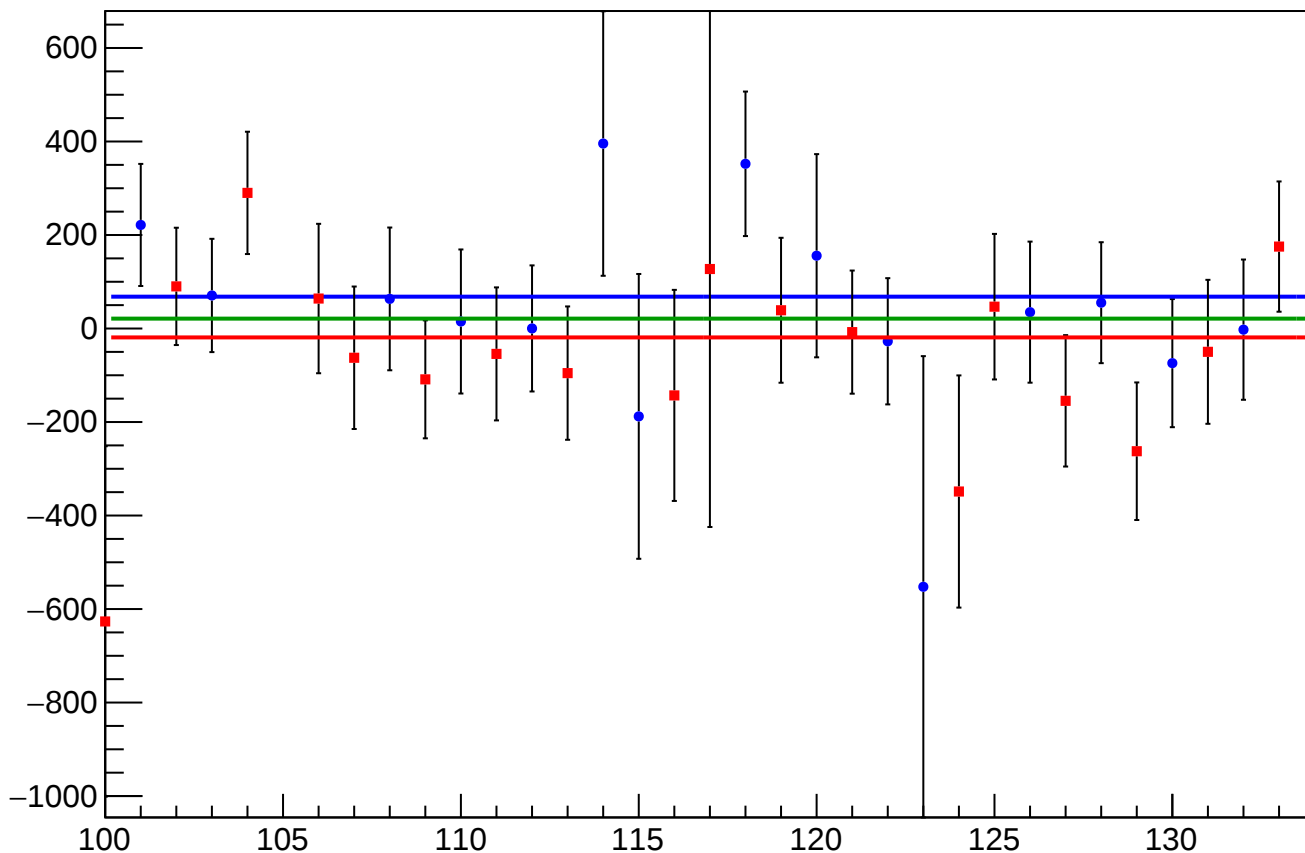
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1278.521+/-0.397 χ^2/NDF : 1146451.5/15

1241.391+/-0.265 χ^2/NDF : 2499070.1/33

1211.520+/-0.357 χ^2/NDF : 1336873.9/17

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 68.125+/-39.651 χ^2/NDF : 11.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.040+/-36.686 χ^2/NDF : 18.3/17

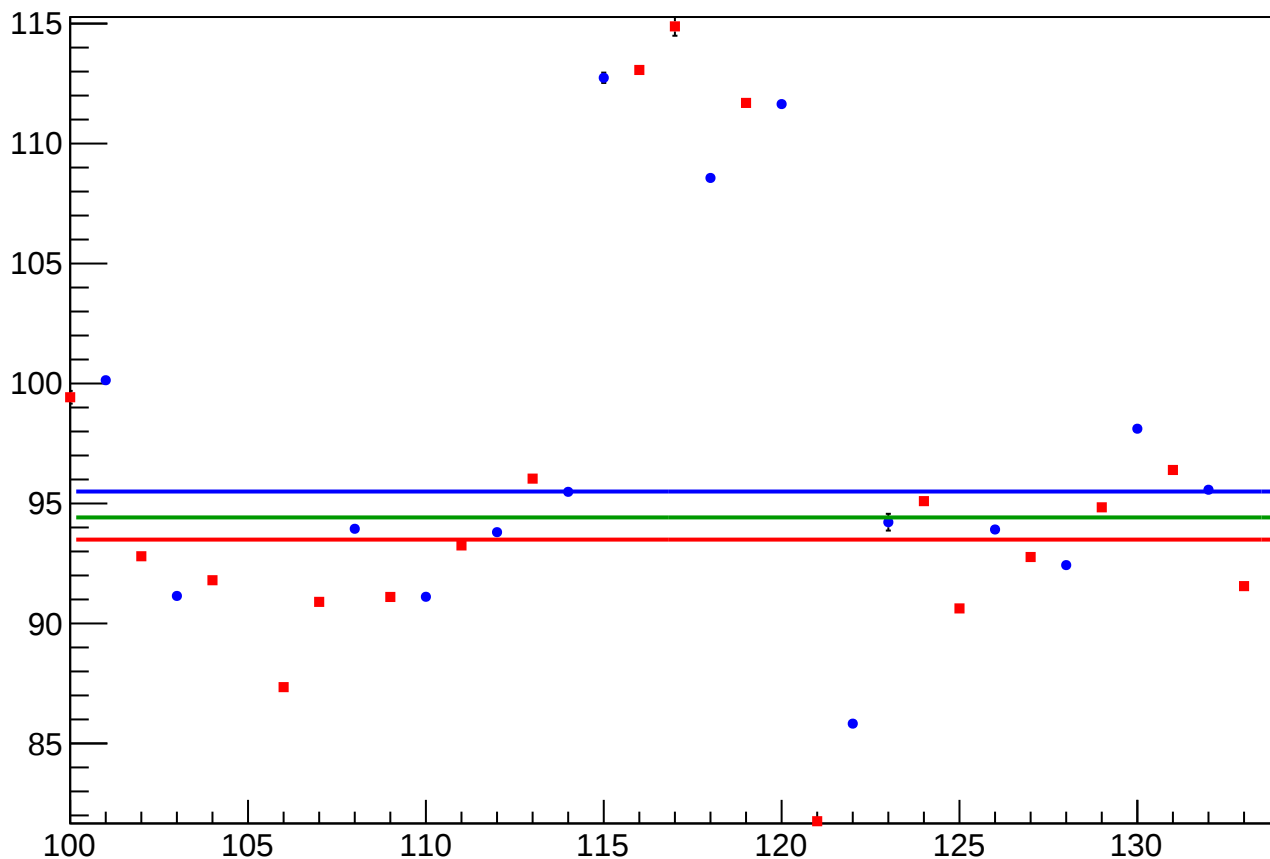
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

68.125+/-39.651 χ^2/NDF : 11.1/15

21.161+/-26.928 χ^2/NDF : 32.0/33

-19.040+/-36.686 χ^2/NDF : 18.3/17

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.499+/-0.028 χ^2/NDF : 51673.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.495+/-0.026 χ^2/NDF : 69381.0/17

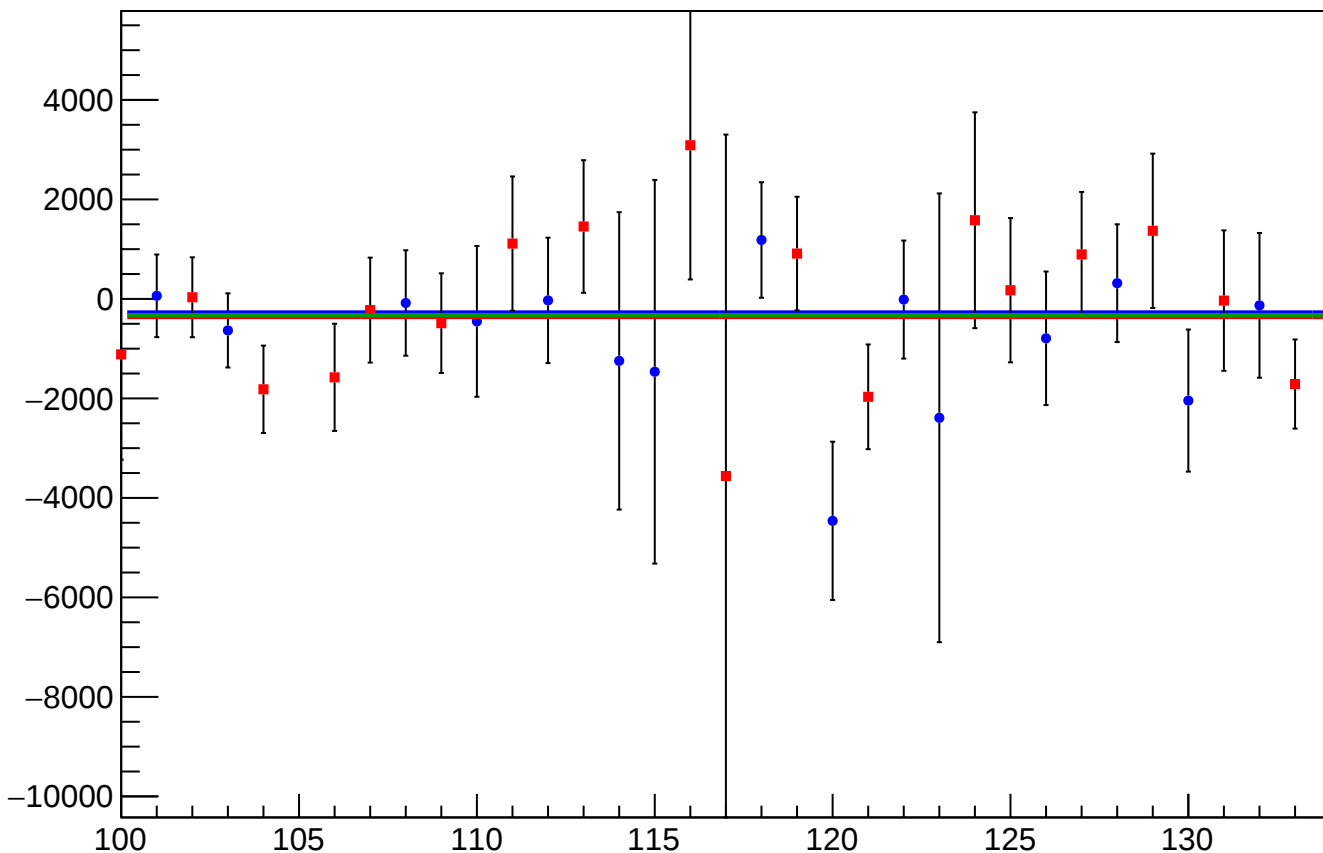
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.499+/-0.028 χ^2/NDF : 51673.5/15

94.419+/-0.019 χ^2/NDF : 123806.1/33

93.495+/-0.026 χ^2/NDF : 69381.0/17

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -269.478+/-316.150 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -366.567+/-285.669 χ^2/NDF : 18.4/17

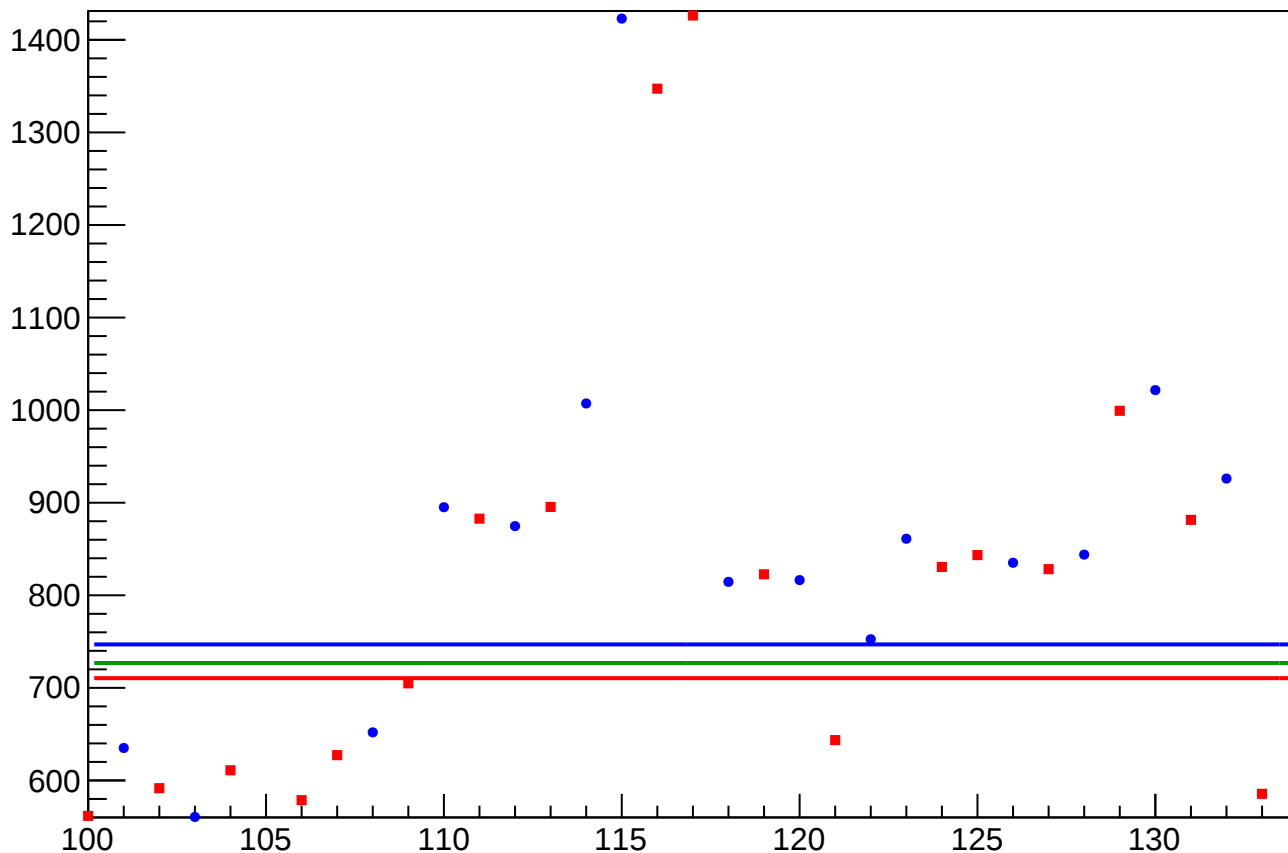
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-269.478+/-316.150 χ^2/NDF : 14.8/15

-322.927+/-211.958 χ^2/NDF : 33.3/33

-366.567+/-285.669 χ^2/NDF : 18.4/17

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 746.940+/-0.224 χ^2/NDF : 447523.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.501+/-0.202 χ^2/NDF : 531603.7/17

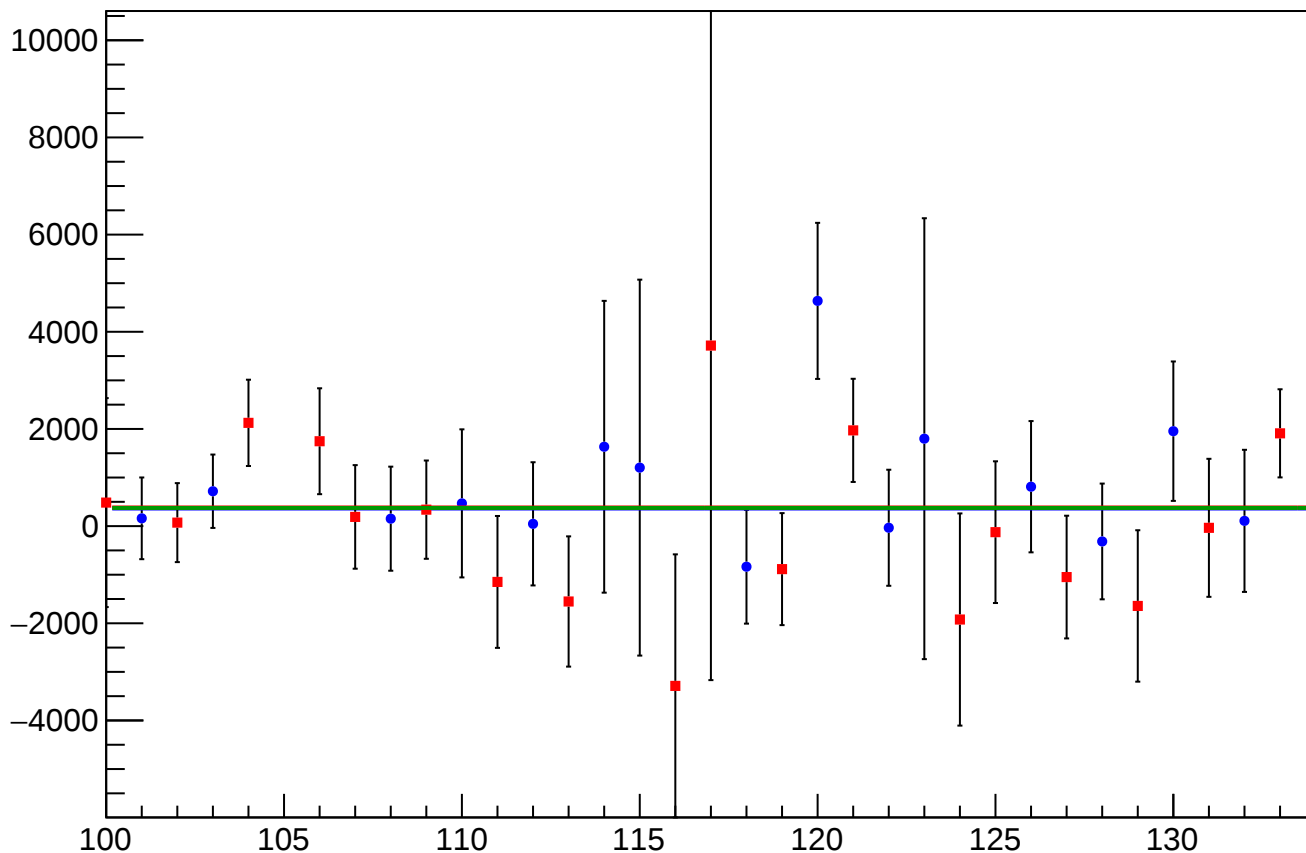
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

746.940+/-0.224 χ^2/NDF : 447523.1/15

726.880+/-0.150 χ^2/NDF : 993753.7/33

710.501+/-0.202 χ^2/NDF : 531603.7/17

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 363.050+/-319.037 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.466+/-288.401 χ^2/NDF : 21.6/17

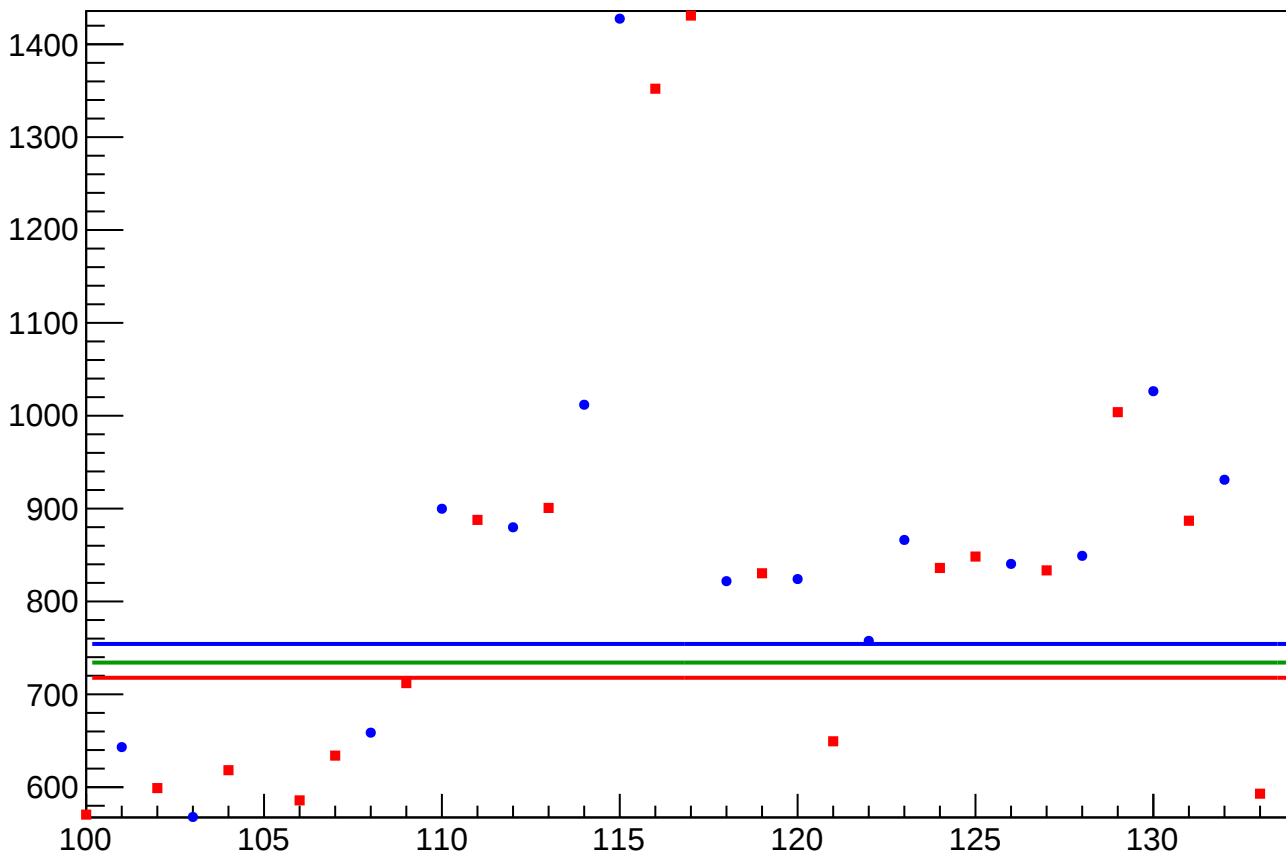
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

363.050+/-319.037 χ^2/NDF : 13.6/15

374.285+/-213.943 χ^2/NDF : 35.2/33

383.466+/-288.401 χ^2/NDF : 21.6/17

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 754.243+/-0.226 χ^2/NDF : 434565.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.812+/-0.204 χ^2/NDF : 518423.6/17

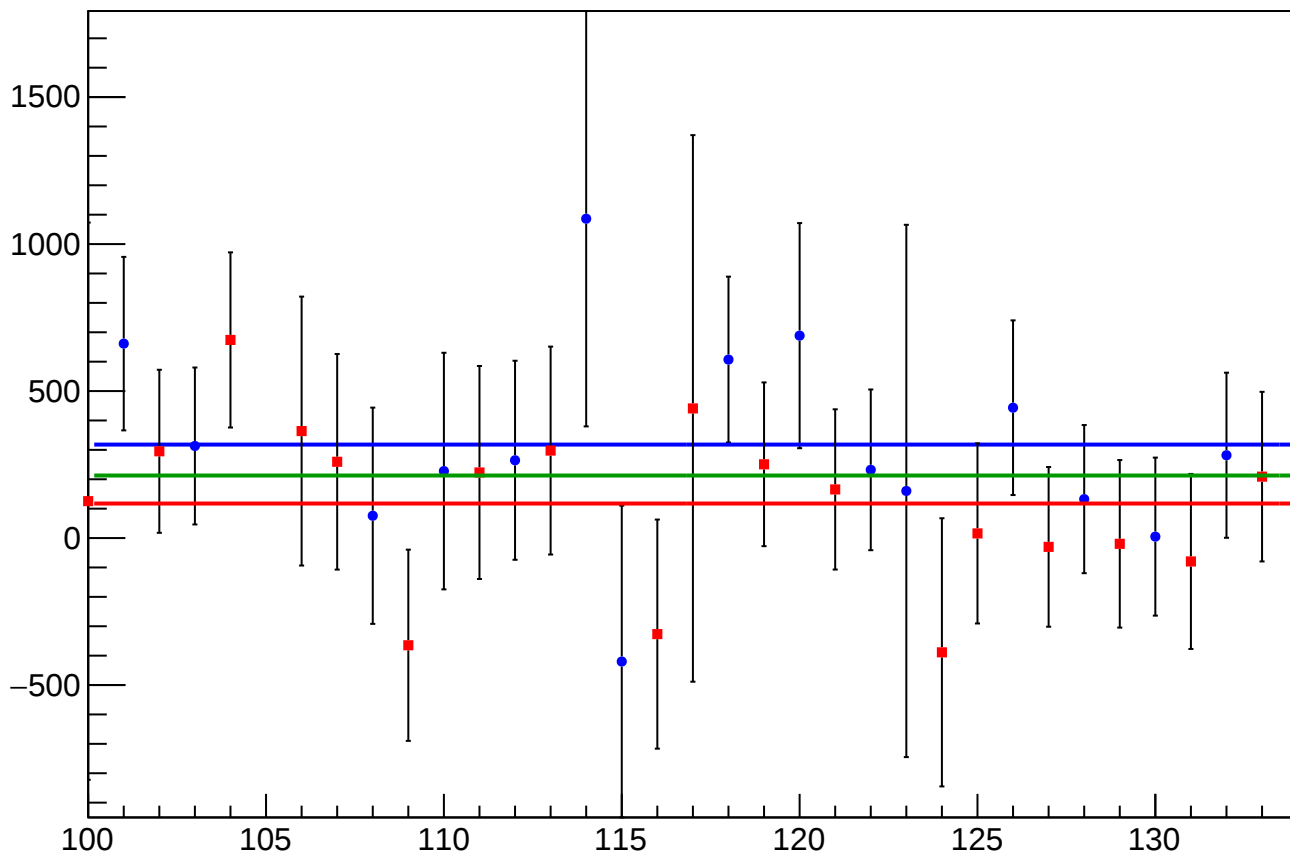
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

754.243+/-0.226 χ^2/NDF : 434565.7/15

734.194+/-0.151 χ^2/NDF : 967340.7/33

717.812+/-0.204 χ^2/NDF : 518423.6/17

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 317.996 $\pm$ 82.710 χ^2 /NDF: 9.6/15

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

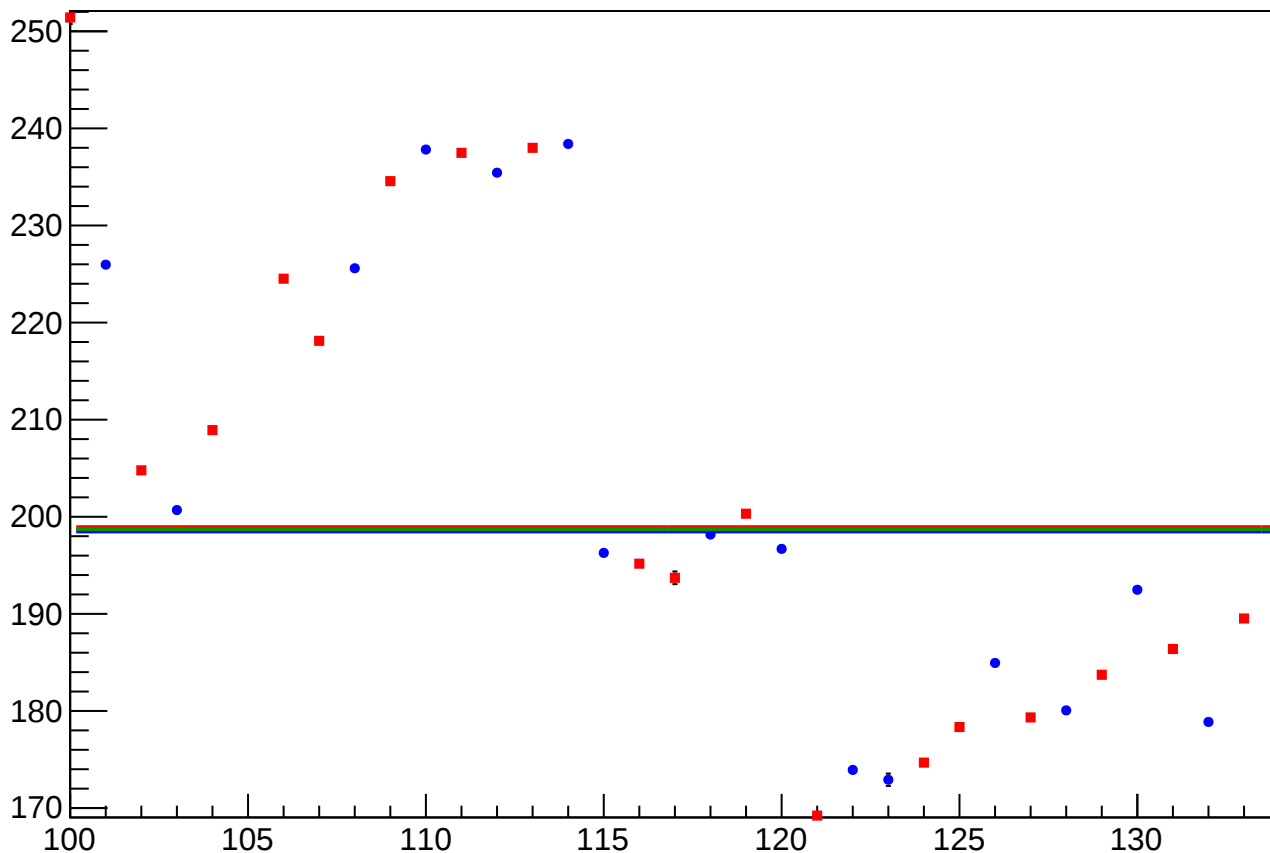
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

317.996 $\pm$ 82.710 χ^2 /NDF: 9.6/15

212.768 $\pm$ 57.020 χ^2 /NDF: 23.7/33

117.458 $\pm$ 78.716 χ^2 /NDF: 11.0/17

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 198.496+/-0.058 χ^2/NDF : 121470.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.925+/-0.056 χ^2/NDF : 152599.6/17

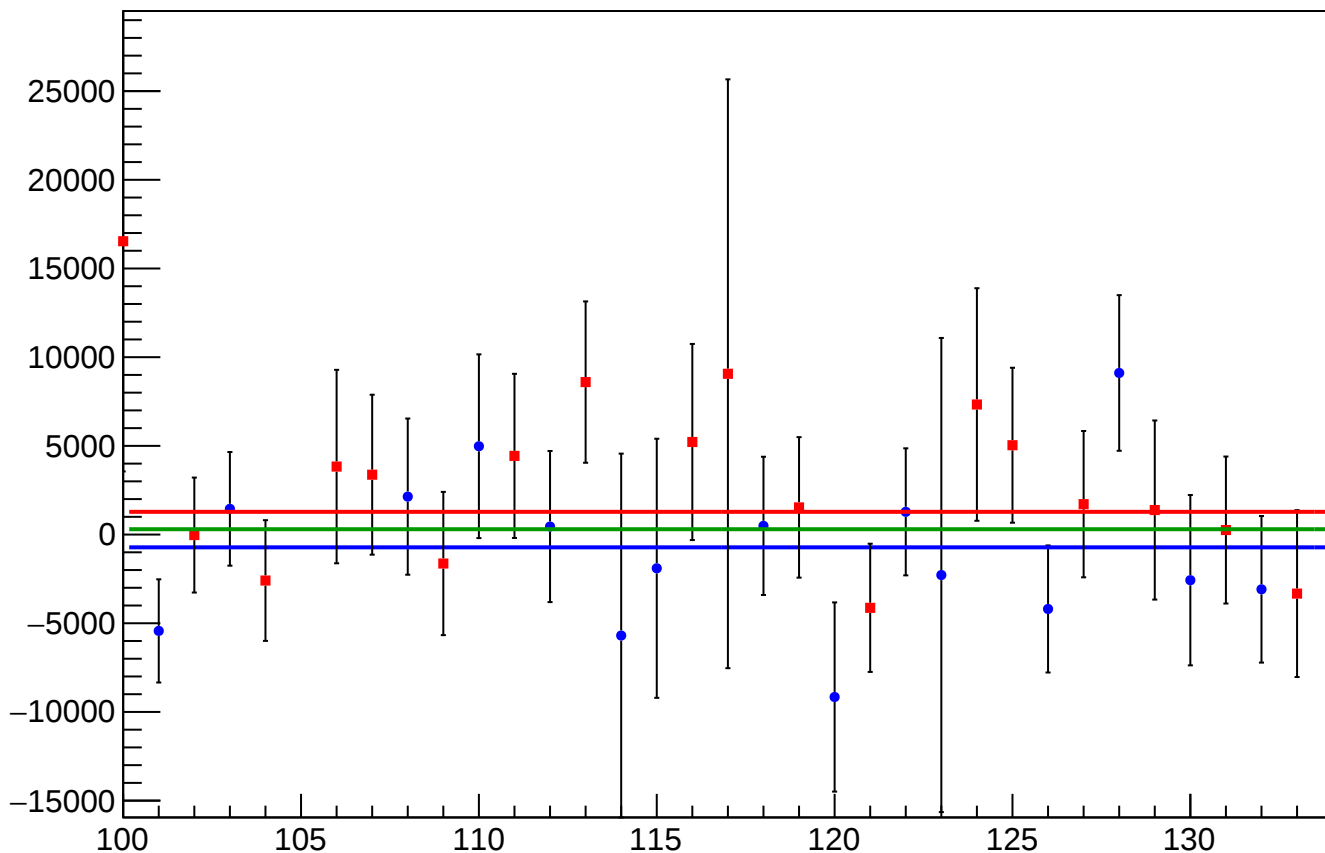
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.496+/-0.058 χ^2/NDF : 121470.4/15

198.721+/-0.040 χ^2/NDF : 274098.2/33

198.925+/-0.056 χ^2/NDF : 152599.6/17

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -720.142 $\pm$ 1087.683 χ^2 /NDF: 14.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1281.909 $\pm$ 1065.686 χ^2 /NDF: 12.4/17

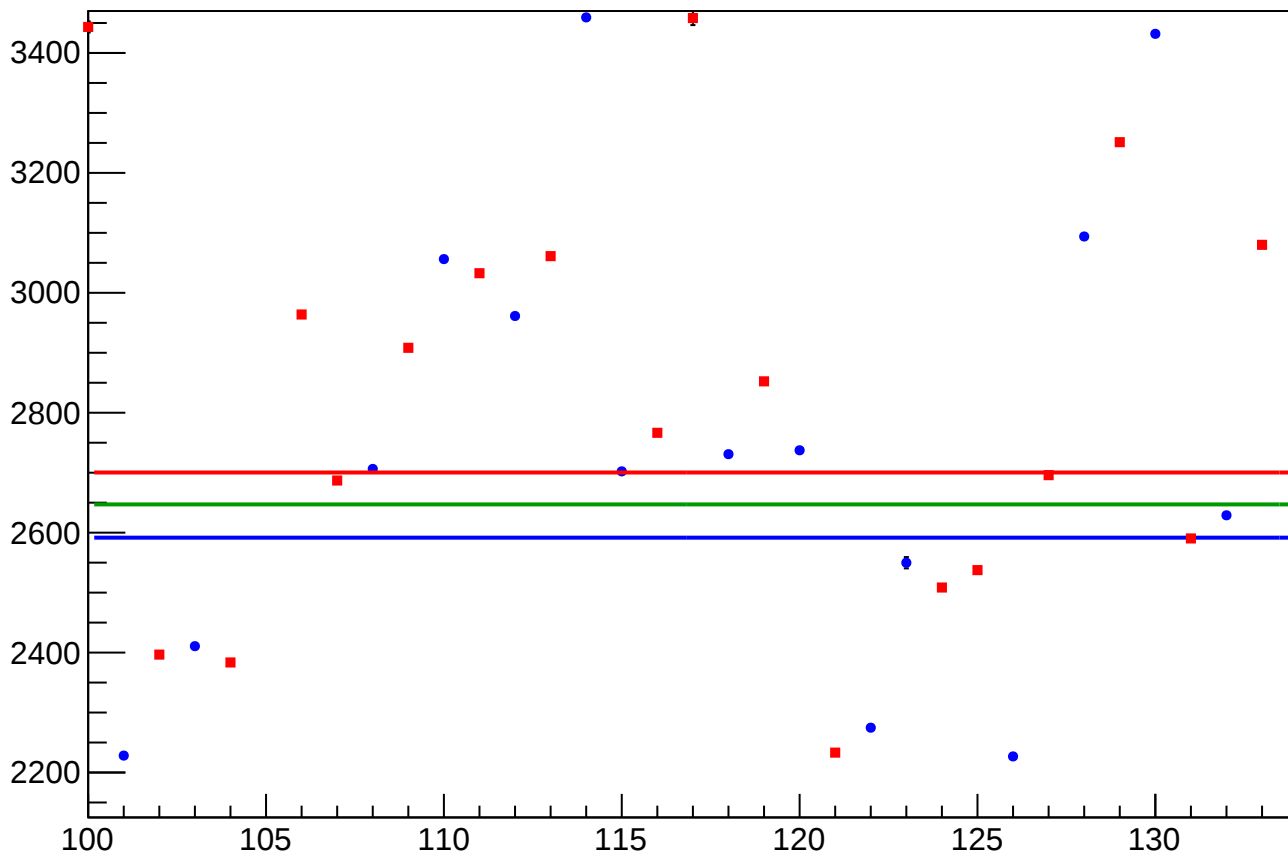
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-720.142 $\pm$ 1087.683 χ^2 /NDF: 14.5/15

301.332 $\pm$ 761.212 χ^2 /NDF: 28.6/33

1281.909 $\pm$ 1065.686 χ^2 /NDF: 12.4/17

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2591.662+/-0.769 χ^2/NDF : 230609.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2700.338+/-0.754 χ^2/NDF : 157916.1/17

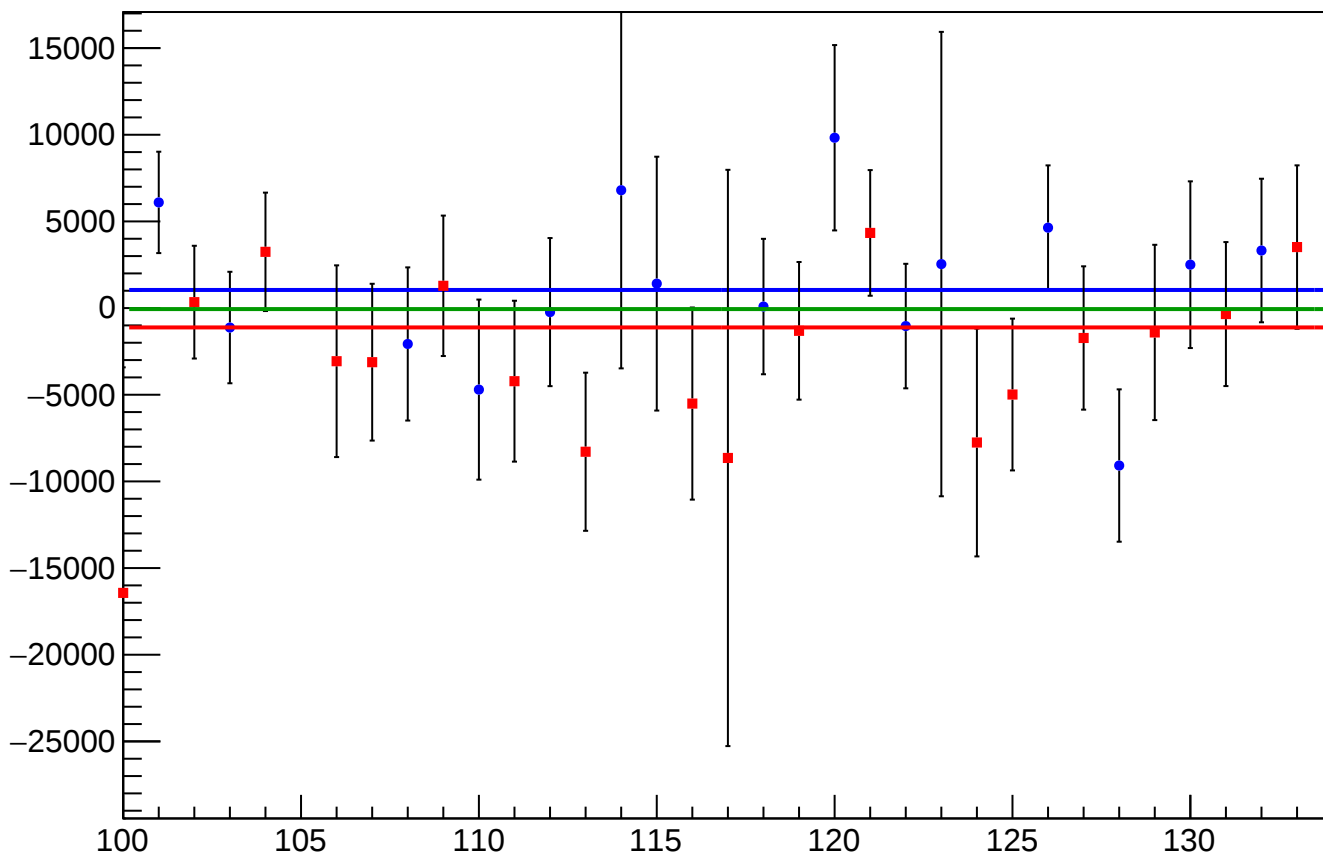
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2591.662+/-0.769 χ^2/NDF : 230609.6/15

2647.110+/-0.538 χ^2/NDF : 398712.6/33

2700.338+/-0.754 χ^2/NDF : 157916.1/17

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1044.825+/-1091.237 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1116.401+/-1069.257 χ^2/NDF : 12.7/17

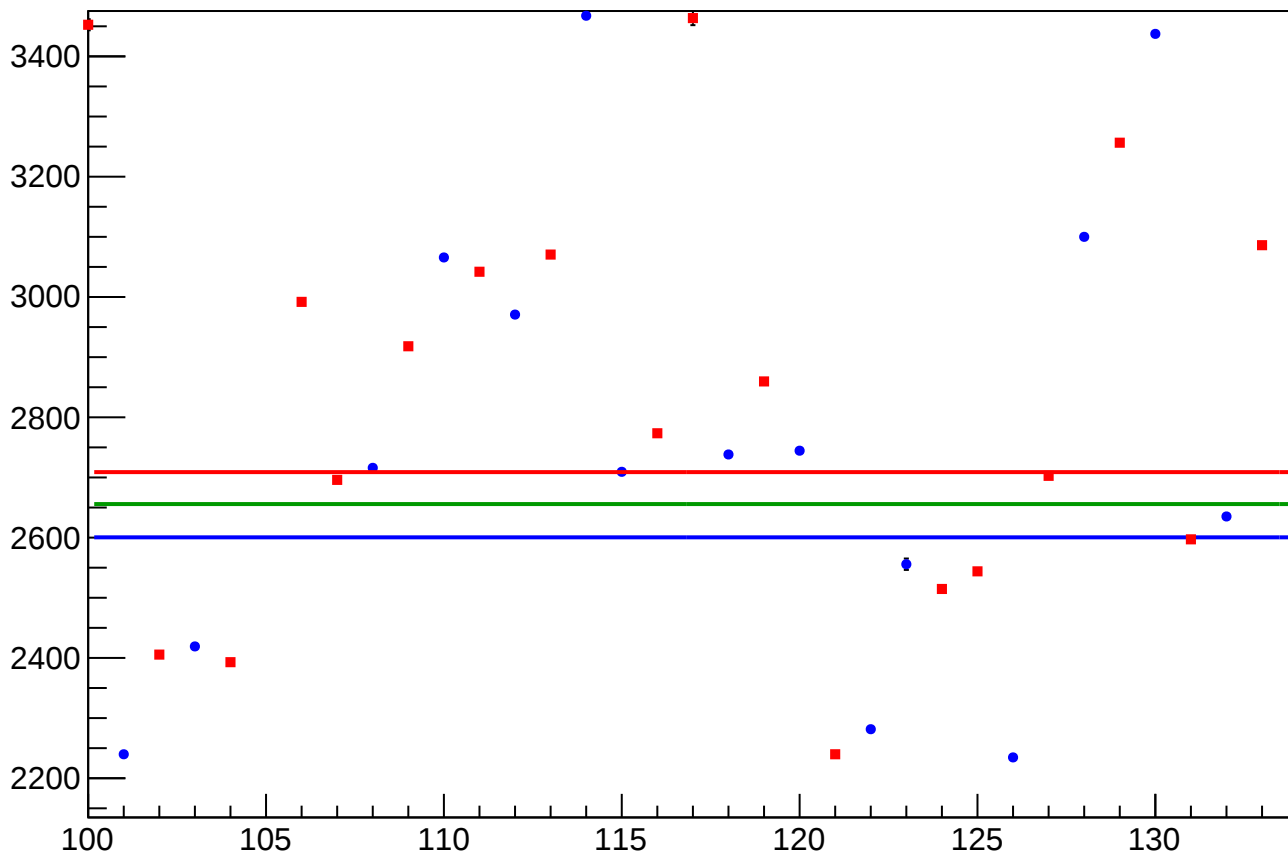
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1044.825+/-1091.237 χ^2/NDF : 15.4/15

-57.773+/-763.731 χ^2/NDF : 30.2/33

-1116.401+/-1069.257 χ^2/NDF : 12.7/17

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2600.467+/-0.772 χ^2/NDF : 228276.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2708.890+/-0.756 χ^2/NDF : 157555.9/17

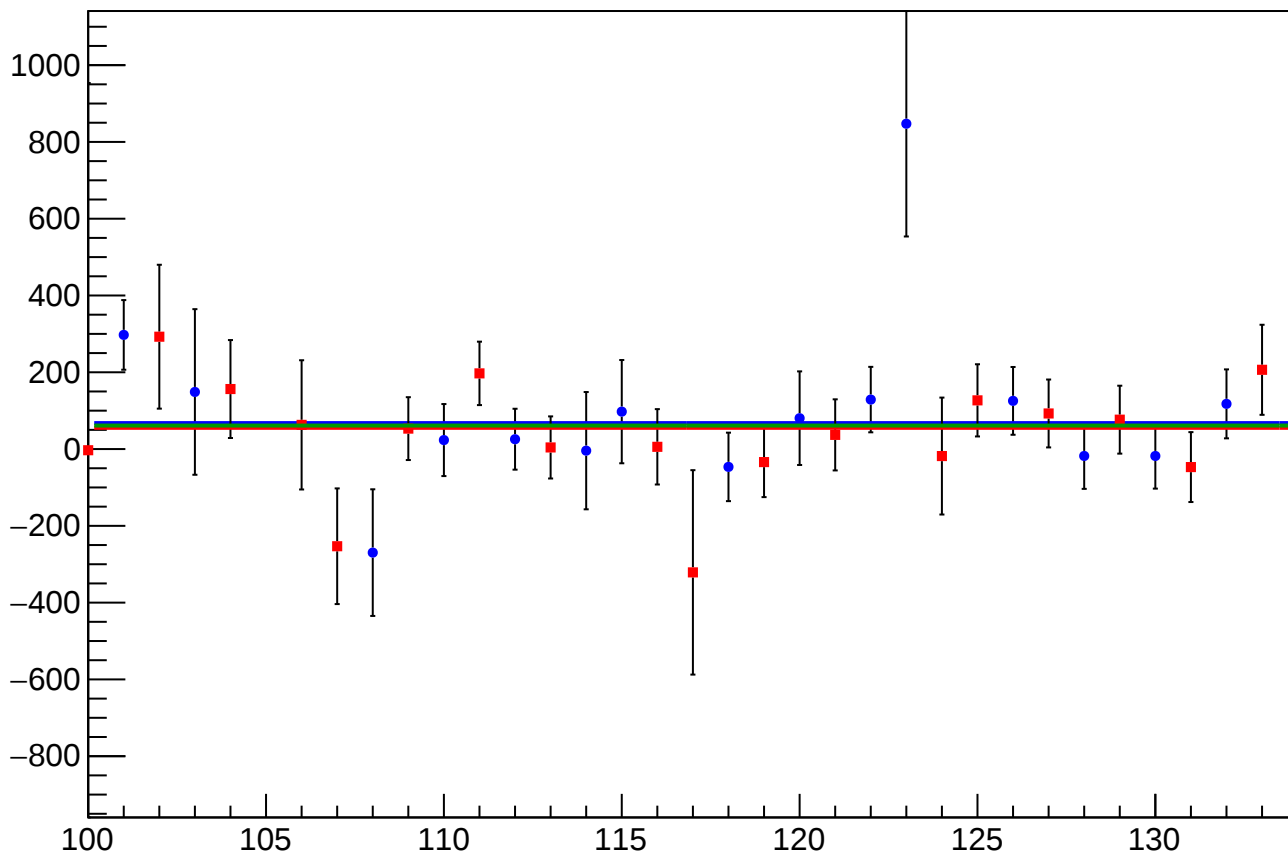
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2600.467+/-0.772 χ^2/NDF : 228276.2/15

2655.781+/-0.540 χ^2/NDF : 395904.8/33

2708.890+/-0.756 χ^2/NDF : 157555.9/17

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 67.605+/-26.109 χ^2/NDF : 23.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.320+/-25.166 χ^2/NDF : 17.0/17

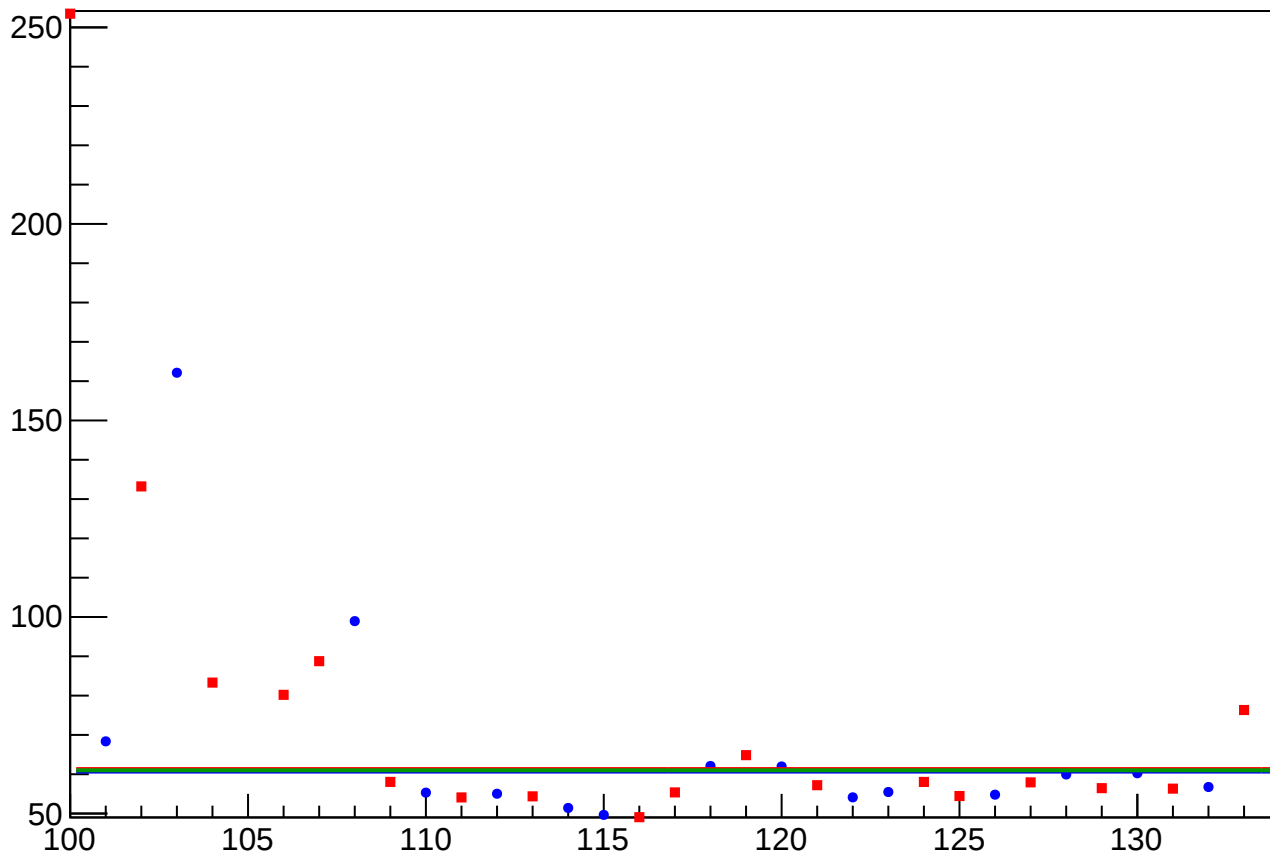
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.605+/-26.109 χ^2/NDF : 23.5/15

61.236+/-18.119 χ^2/NDF : 40.7/33

55.320+/-25.166 χ^2/NDF : 17.0/17

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 60.677 $\pm$ 0.018 χ^2 /NDF: 628491.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.309 $\pm$ 0.018 χ^2 /NDF: 657866.6/17

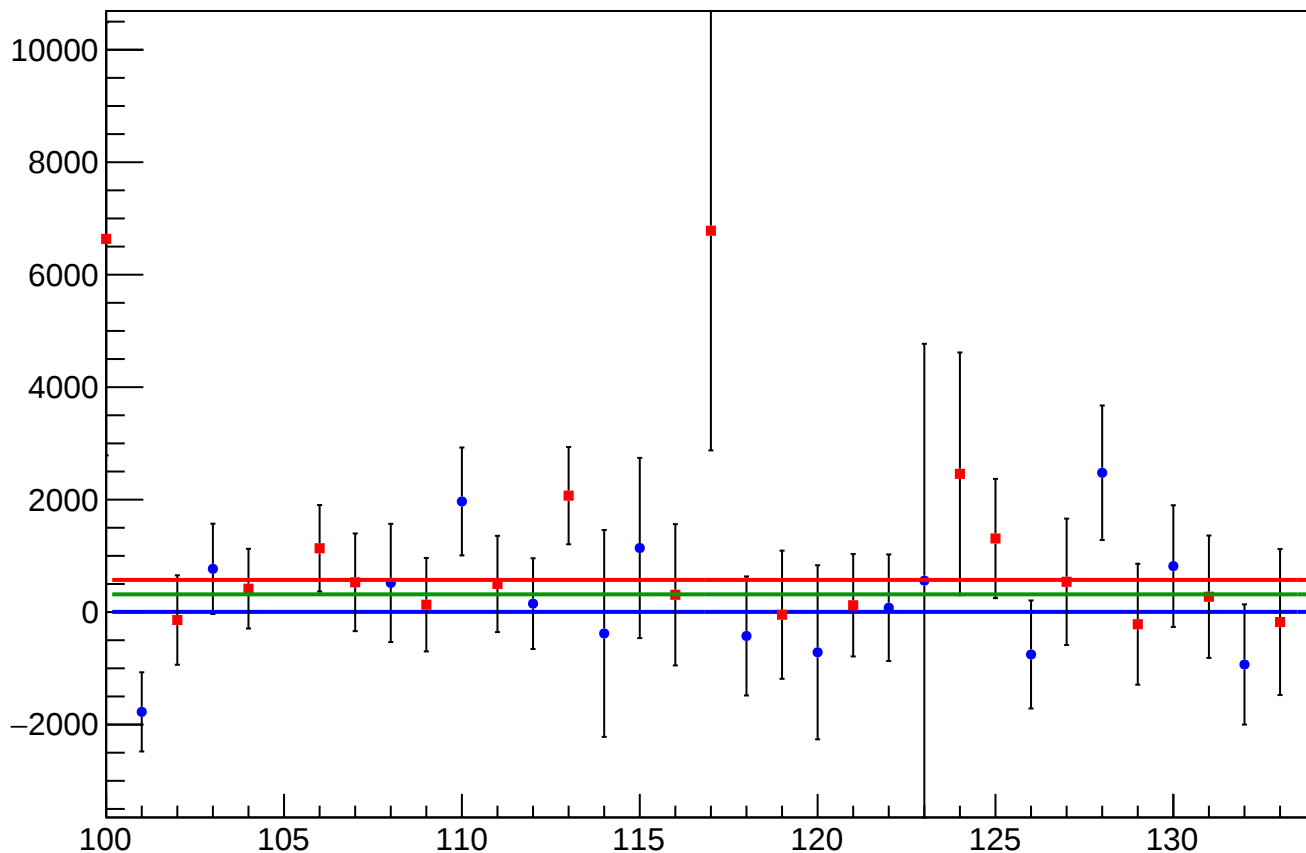
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

60.677 $\pm$ 0.018 χ^2 /NDF: 628491.0/15

61.005 $\pm$ 0.013 χ^2 /NDF: 1286964.5/33

61.309 $\pm$ 0.018 χ^2 /NDF: 657866.6/17

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 4.157+/-261.886 χ^2/NDF : 20.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.800+/-237.820 χ^2/NDF : 12.5/17

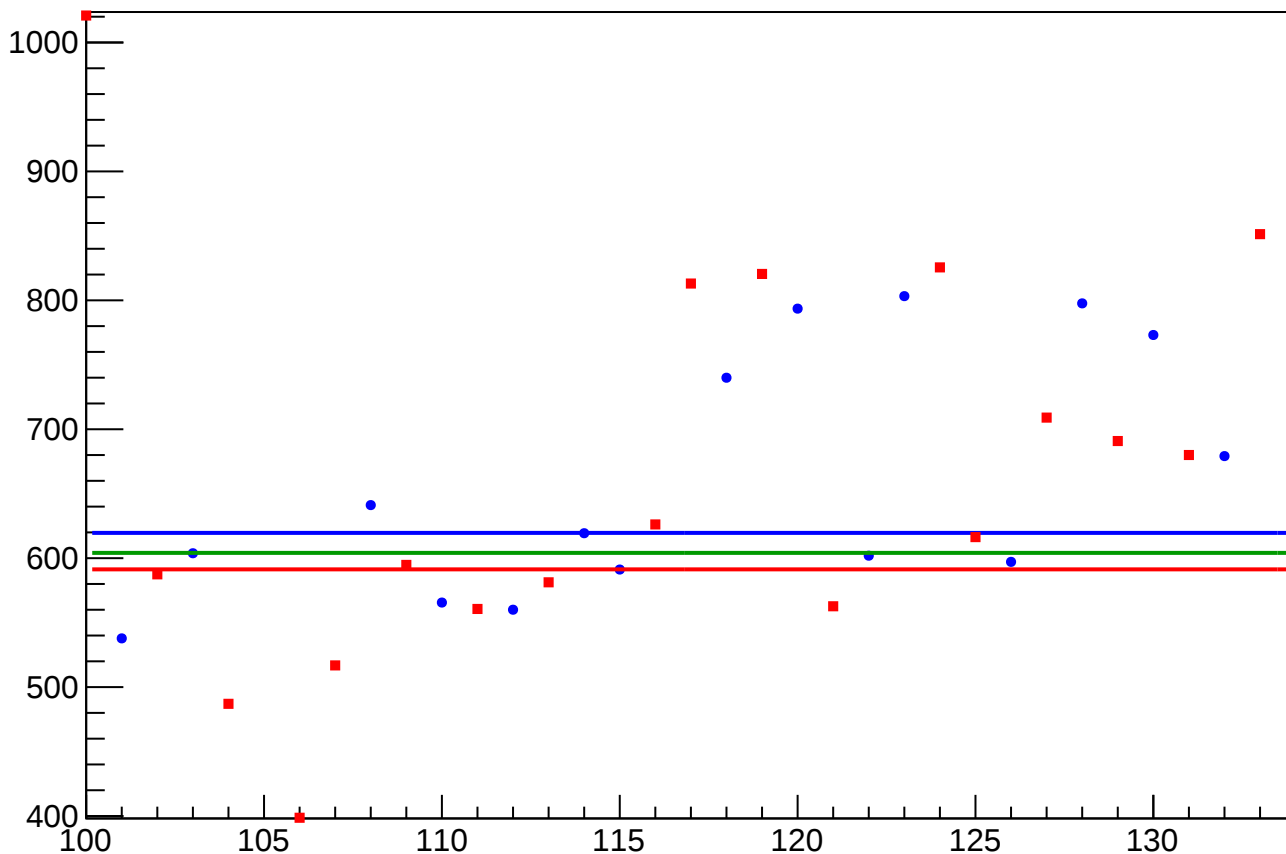
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.157+/-261.886 χ^2/NDF : 20.1/15

315.801+/-176.059 χ^2/NDF : 35.1/33

572.800+/-237.820 χ^2/NDF : 12.5/17

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 619.622 ± 0.185 $\chi^2/\text{NDF}: 231252.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 591.326 ± 0.168 $\chi^2/\text{NDF}: 459454.5/17$

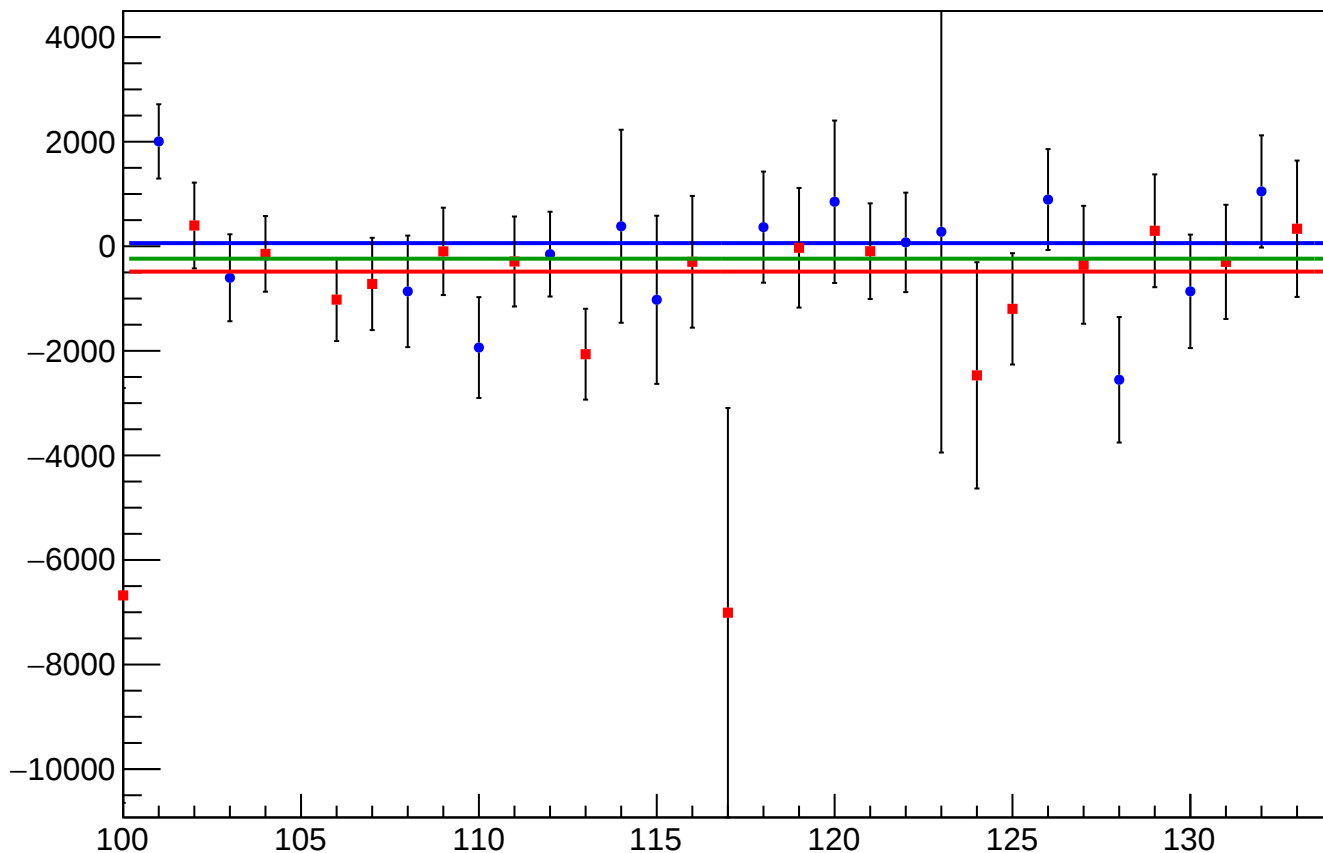
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

619.622 ± 0.185 $\chi^2/\text{NDF}: 231252.7/15$

604.114 ± 0.124 $\chi^2/\text{NDF}: 703502.5/33$

591.326 ± 0.168 $\chi^2/\text{NDF}: 459454.5/17$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 60.213+/-264.241 χ^2/NDF : 22.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -484.562+/-240.721 χ^2/NDF : 13.3/17

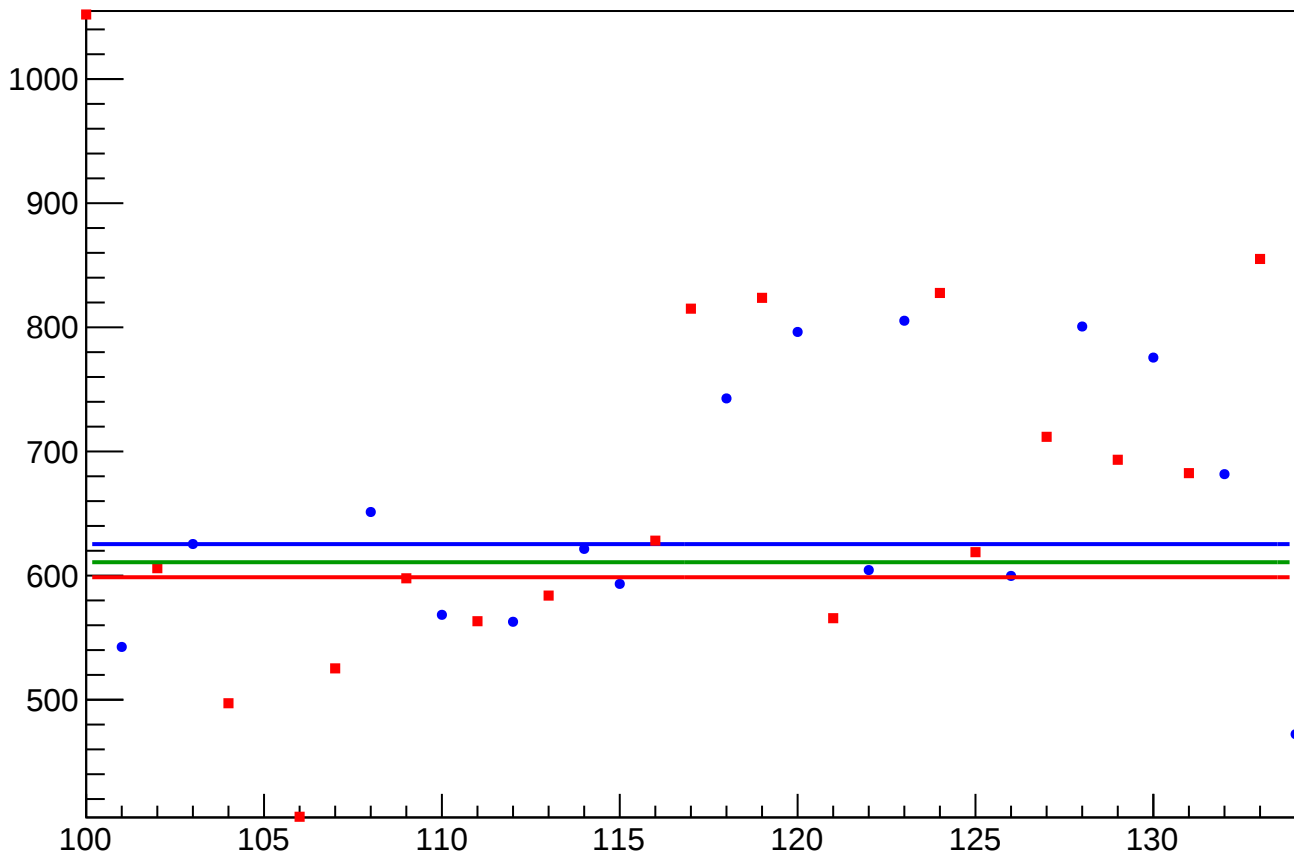
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

60.213+/-264.241 χ^2/NDF : 22.2/15

-237.494+/-177.951 χ^2/NDF : 37.8/33

-484.562+/-240.721 χ^2/NDF : 13.3/17

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 625.360+/-0.187 χ^2/NDF : 226375.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.683+/-0.170 χ^2/NDF : 436504.4/17

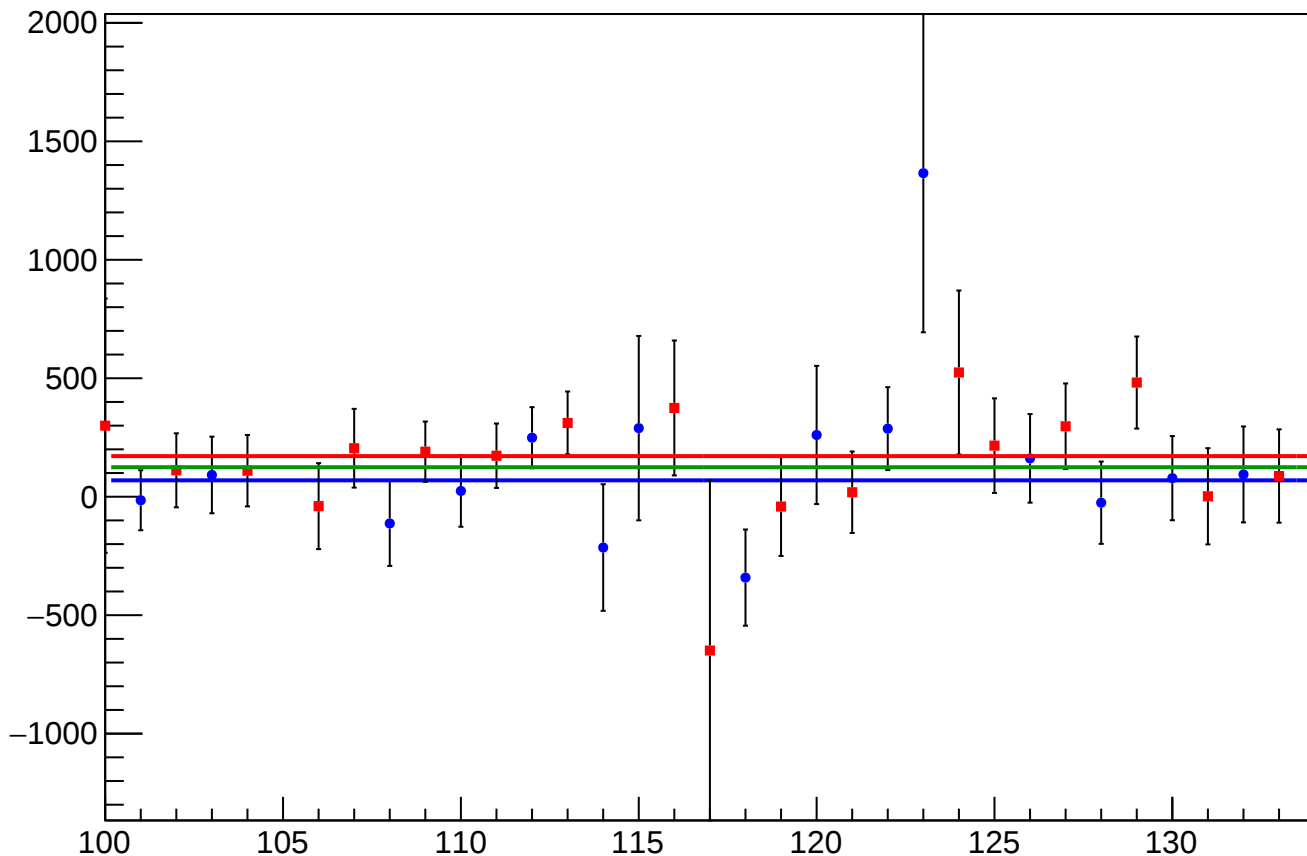
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

625.360+/-0.187 χ^2/NDF : 226375.5/15

610.782+/-0.126 χ^2/NDF : 674020.0/33

598.683+/-0.170 χ^2/NDF : 436504.4/17

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 69.143+/-46.785 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.389+/-43.053 χ^2/NDF : 11.6/17

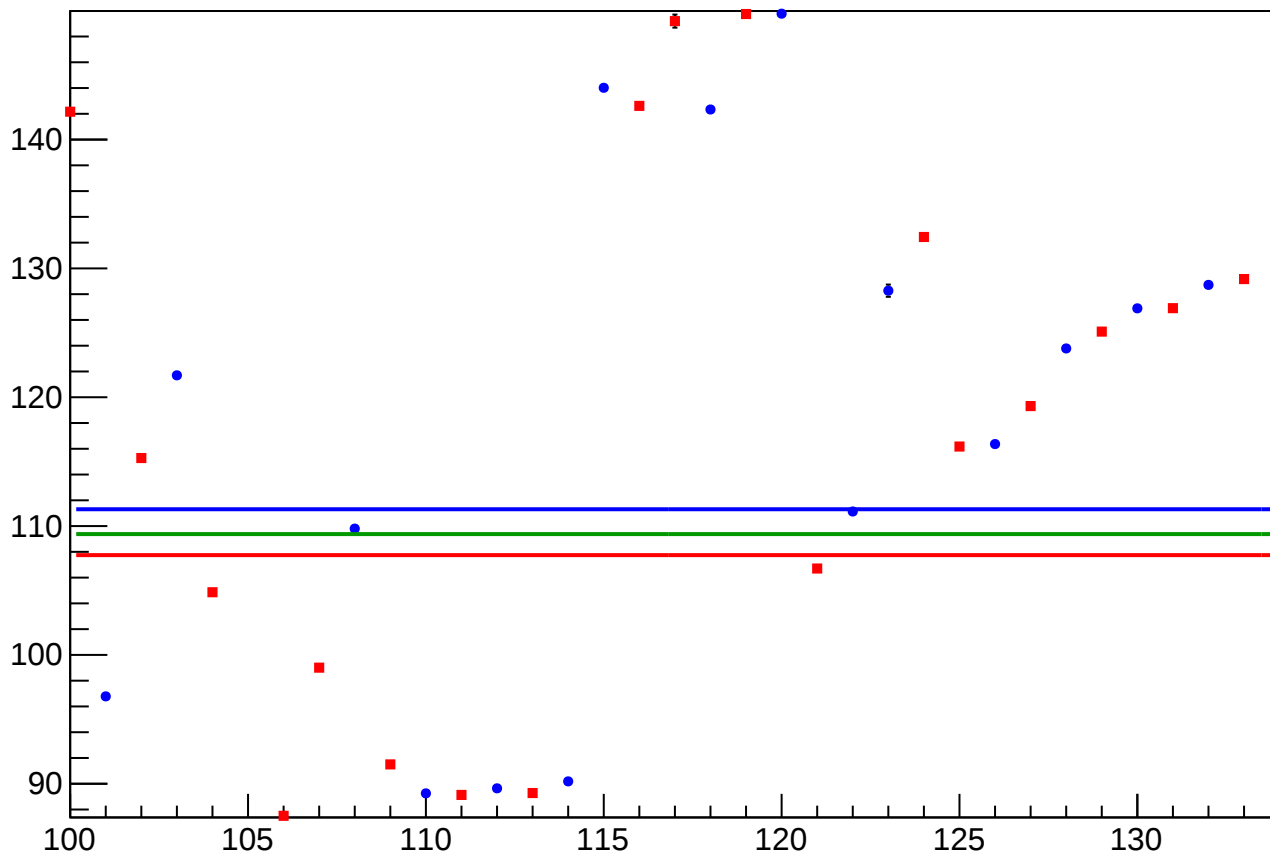
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.143+/-46.785 χ^2/NDF : 15.4/15

124.506+/-31.680 χ^2/NDF : 29.6/33

171.389+/-43.053 χ^2/NDF : 11.6/17

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.306+/-0.033 χ^2/NDF : 291306.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.746+/-0.030 χ^2/NDF : 350141.6/17

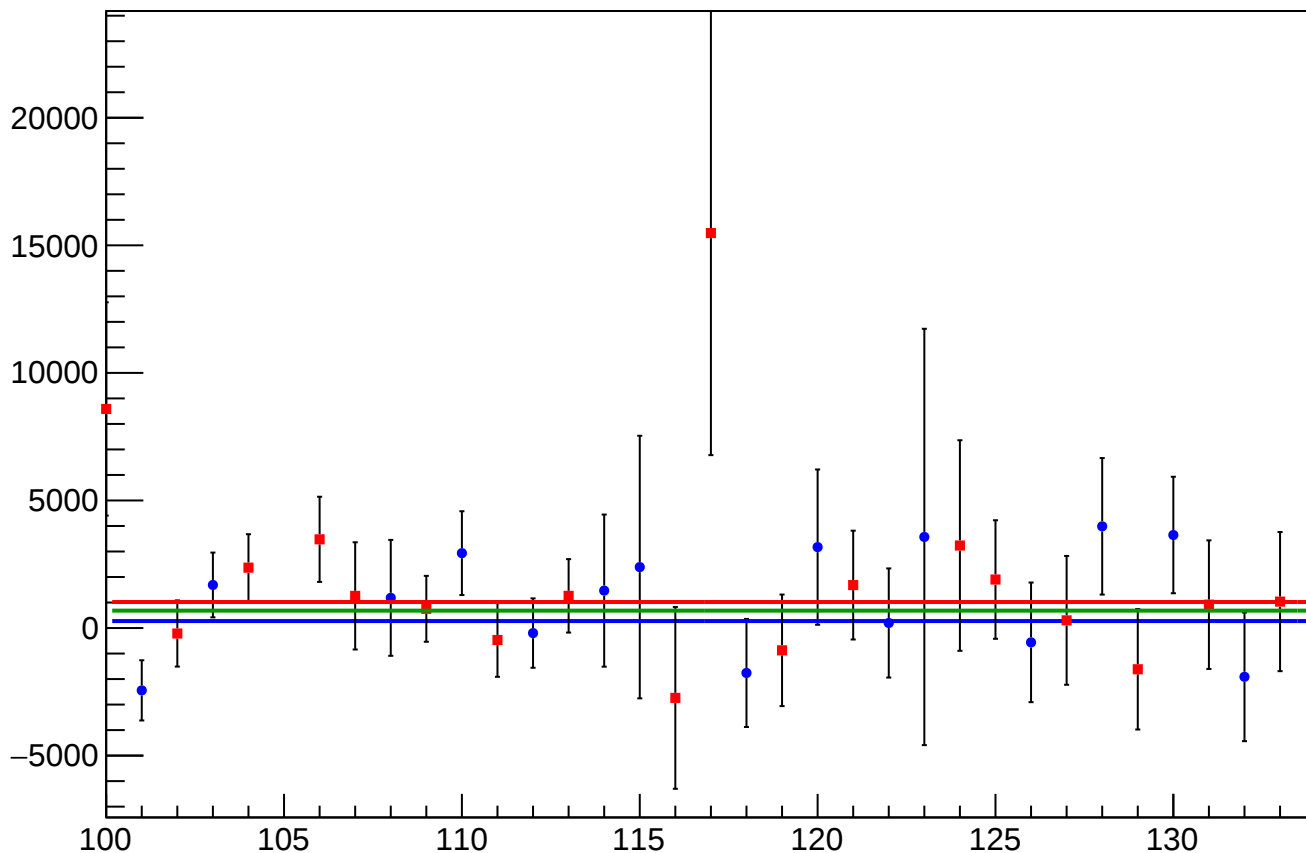
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

111.306+/-0.033 χ^2/NDF : 291306.7/15

109.378+/-0.022 χ^2/NDF : 647720.9/33

107.746+/-0.030 χ^2/NDF : 350141.6/17

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 273.601+/-502.779 χ^2/NDF : 19.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.769+/-457.654 χ^2/NDF : 15.0/17

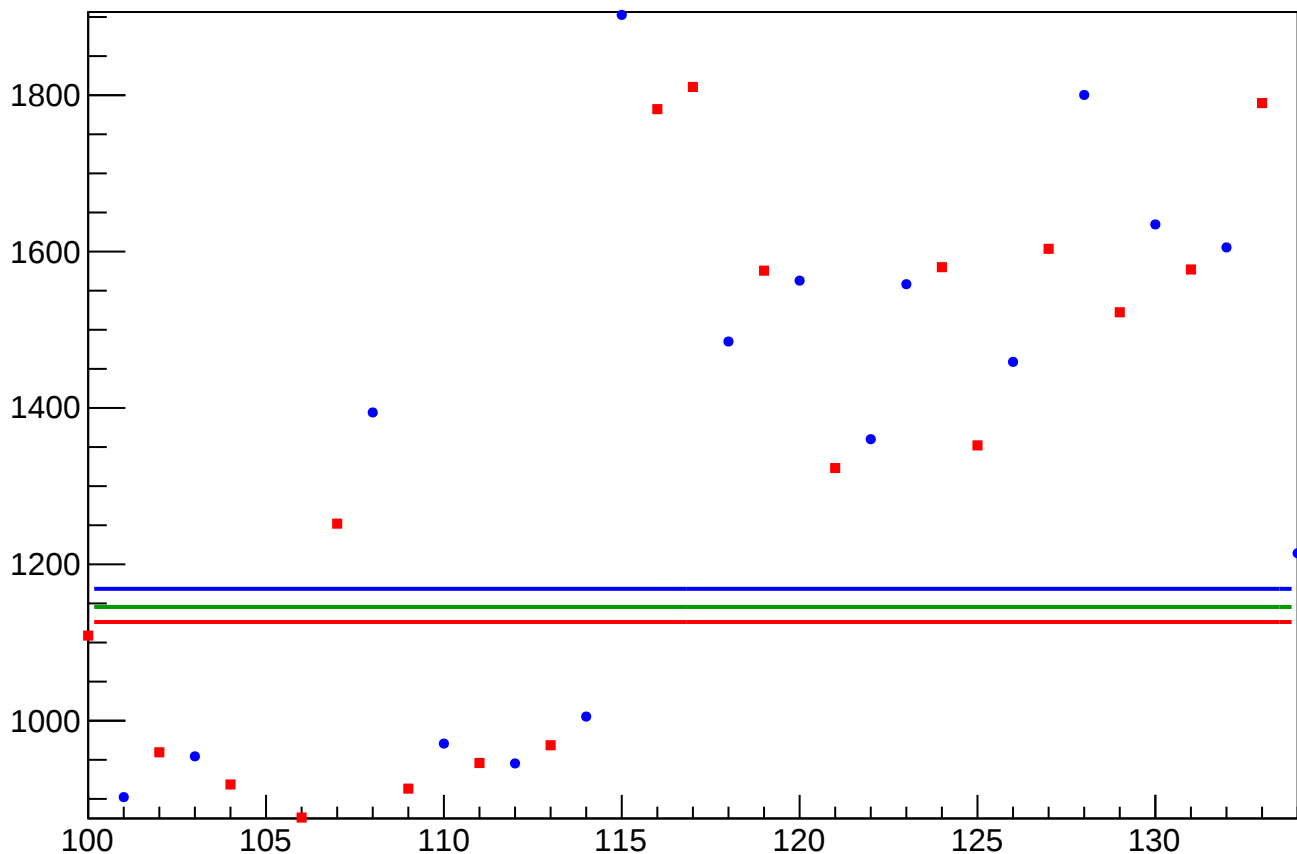
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

273.601+/-502.779 χ^2/NDF : 19.7/15

682.212+/-338.441 χ^2/NDF : 36.0/33

1020.769+/-457.654 χ^2/NDF : 15.0/17

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1168.679+/-0.356 χ^2/NDF : 693128.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.263+/-0.324 χ^2/NDF : 780087.6/17

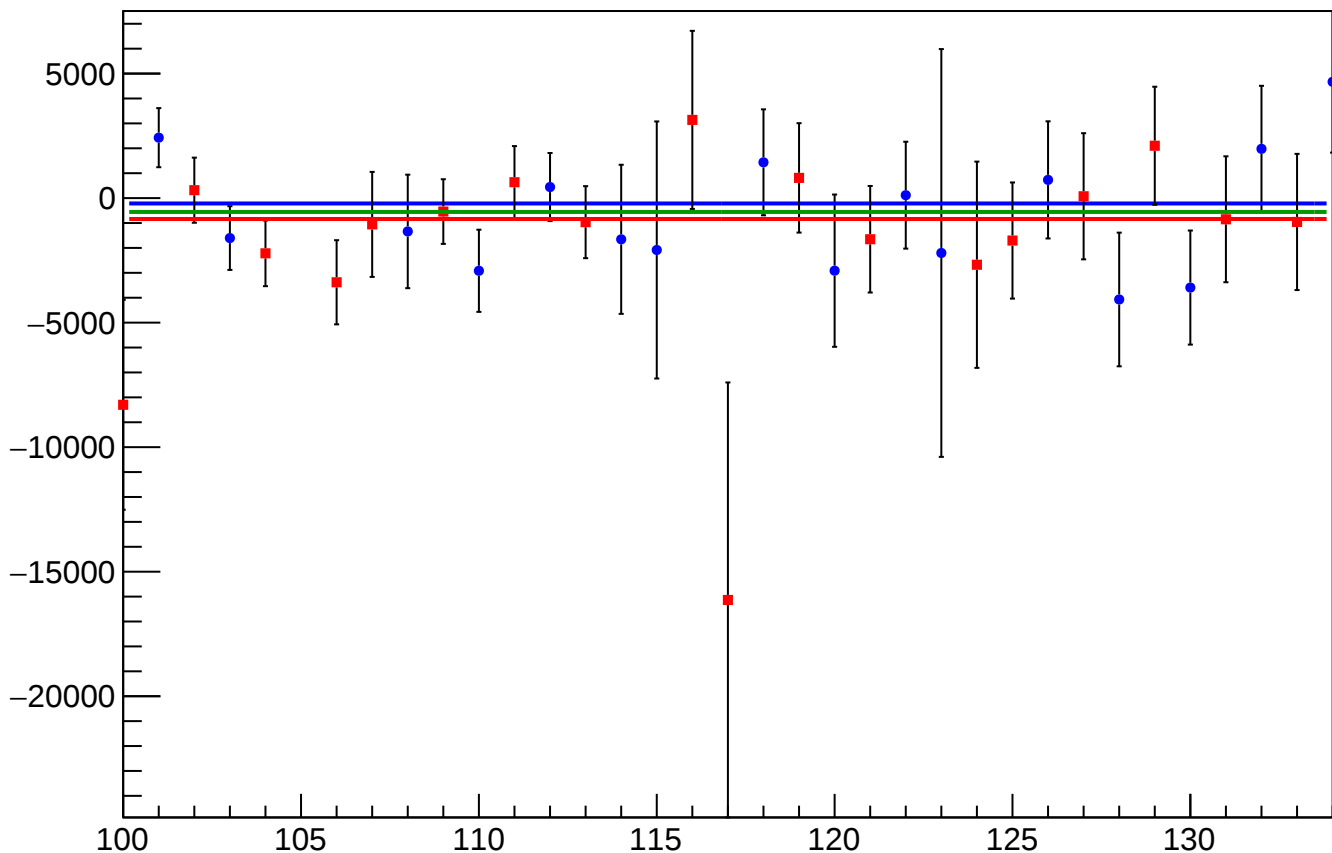
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1168.679+/-0.356 χ^2/NDF : 693128.8/15

1145.483+/-0.239 χ^2/NDF : 1481000.9/33

1126.263+/-0.324 χ^2/NDF : 780087.6/17

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -215.199+/-505.273 χ^2/NDF : 19.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -838.304+/-460.176 χ^2/NDF : 15.4/17

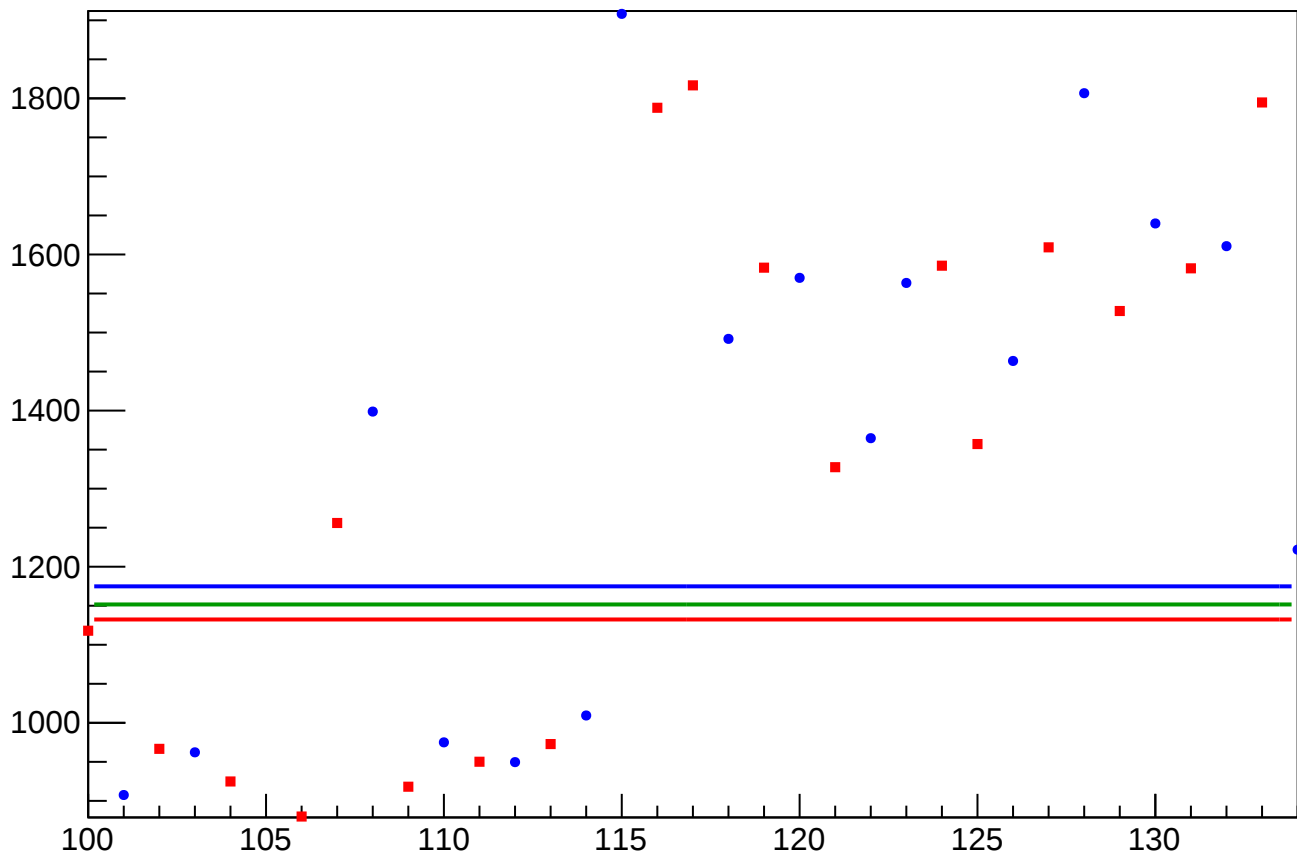
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-215.199+/-505.273 χ^2/NDF : 19.2/15

-555.794+/-340.222 χ^2/NDF : 35.5/33

-838.304+/-460.176 χ^2/NDF : 15.4/17

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1174.837+/-0.357 χ^2/NDF : 687619.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1132.397+/-0.325 χ^2/NDF : 773724.3/17

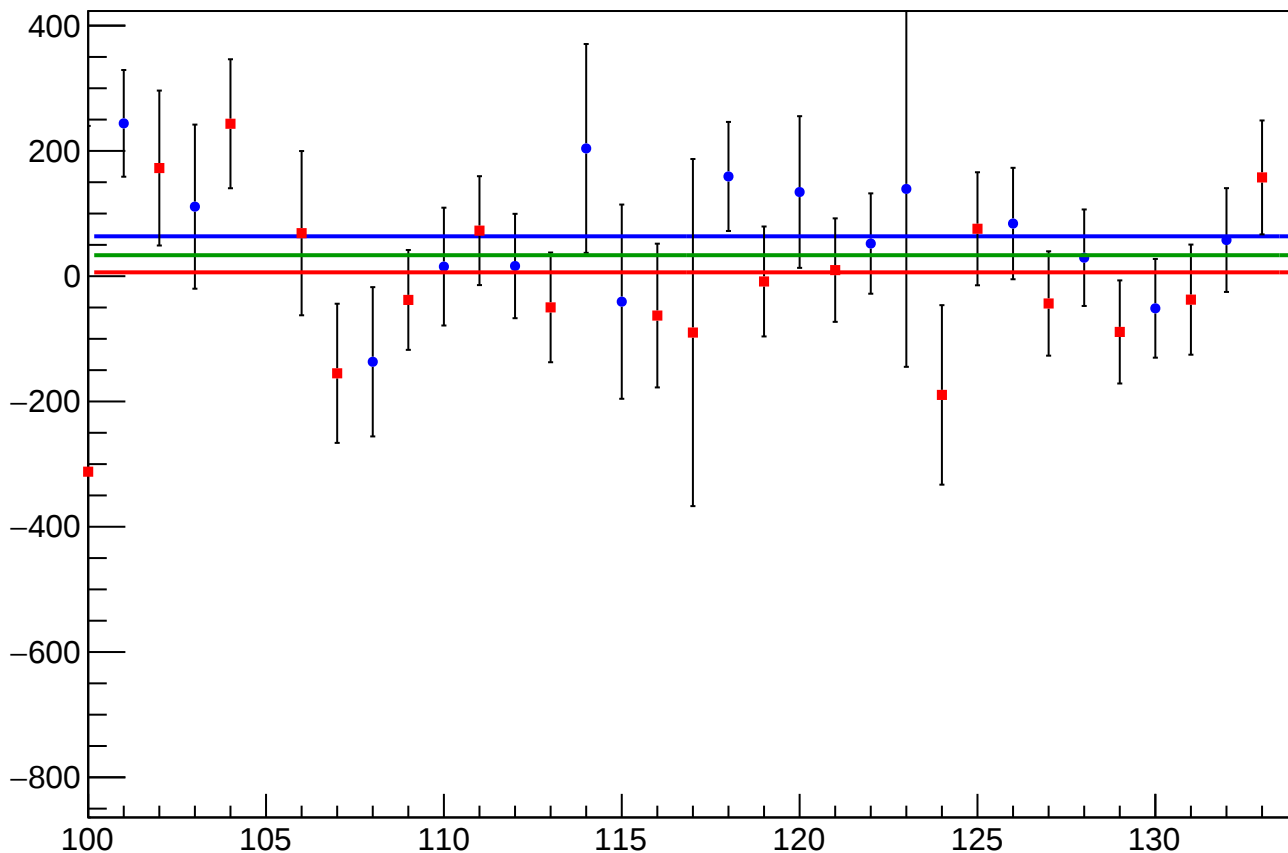
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1174.837+/-0.357 χ^2/NDF : 687619.7/15

1151.639+/-0.241 χ^2/NDF : 1469057.0/33

1132.397+/-0.325 χ^2/NDF : 773724.3/17

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 63.665 $\pm$ 24.745 χ^2 /NDF: 13.5/15

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

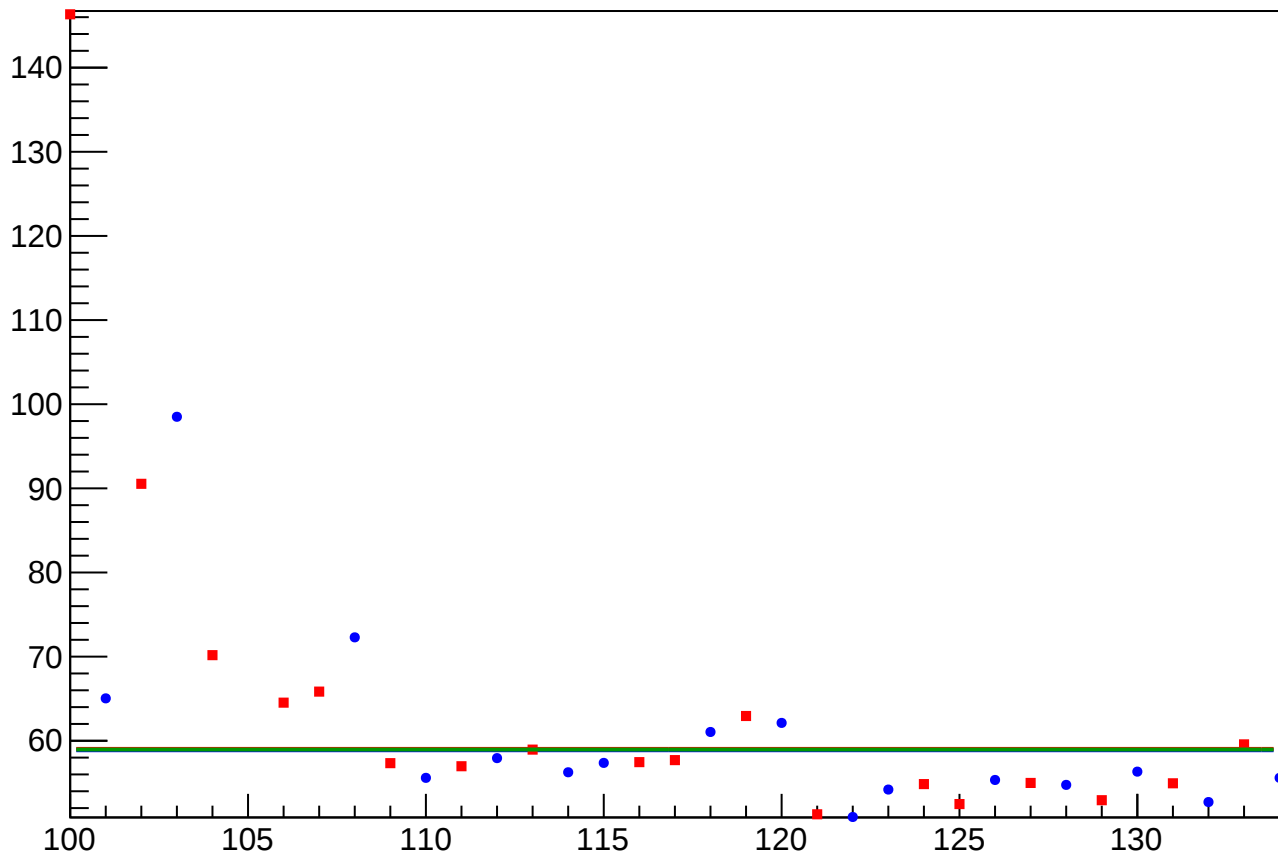
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

63.665 $\pm$ 24.745 χ^2 /NDF: 13.5/15

33.499 $\pm$ 17.063 χ^2 /NDF: 35.1/33

6.151 $\pm$ 23.561 χ^2 /NDF: 18.8/17

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 58.879+/-0.017 χ^2/NDF : 268423.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.031+/-0.017 χ^2/NDF : 270761.7/17

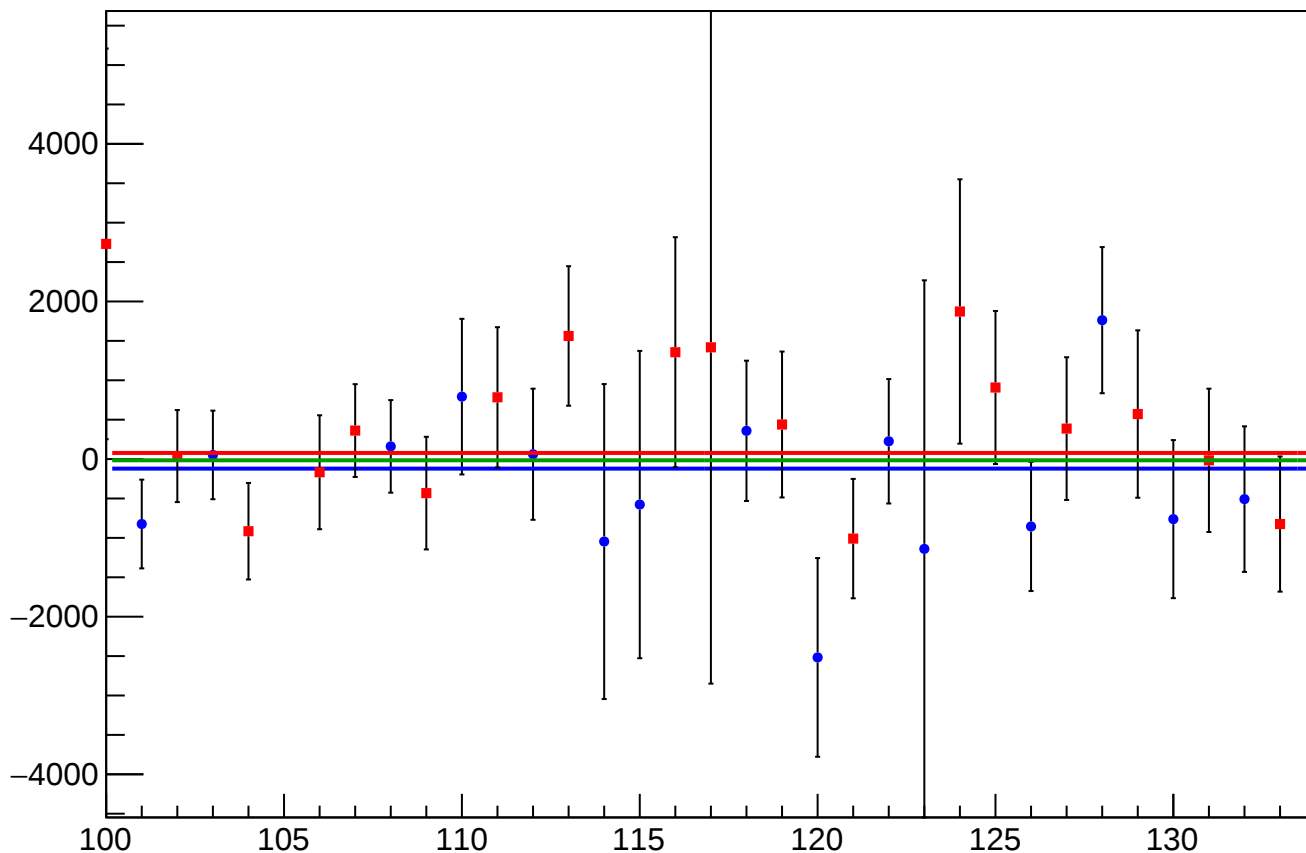
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

58.879+/-0.017 χ^2/NDF : 268423.6/15

58.959+/-0.012 χ^2/NDF : 539225.2/33

59.031+/-0.017 χ^2/NDF : 270761.7/17

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -121.056+/-215.021 χ^2/NDF : 12.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.820+/-201.706 χ^2/NDF : 14.5/17

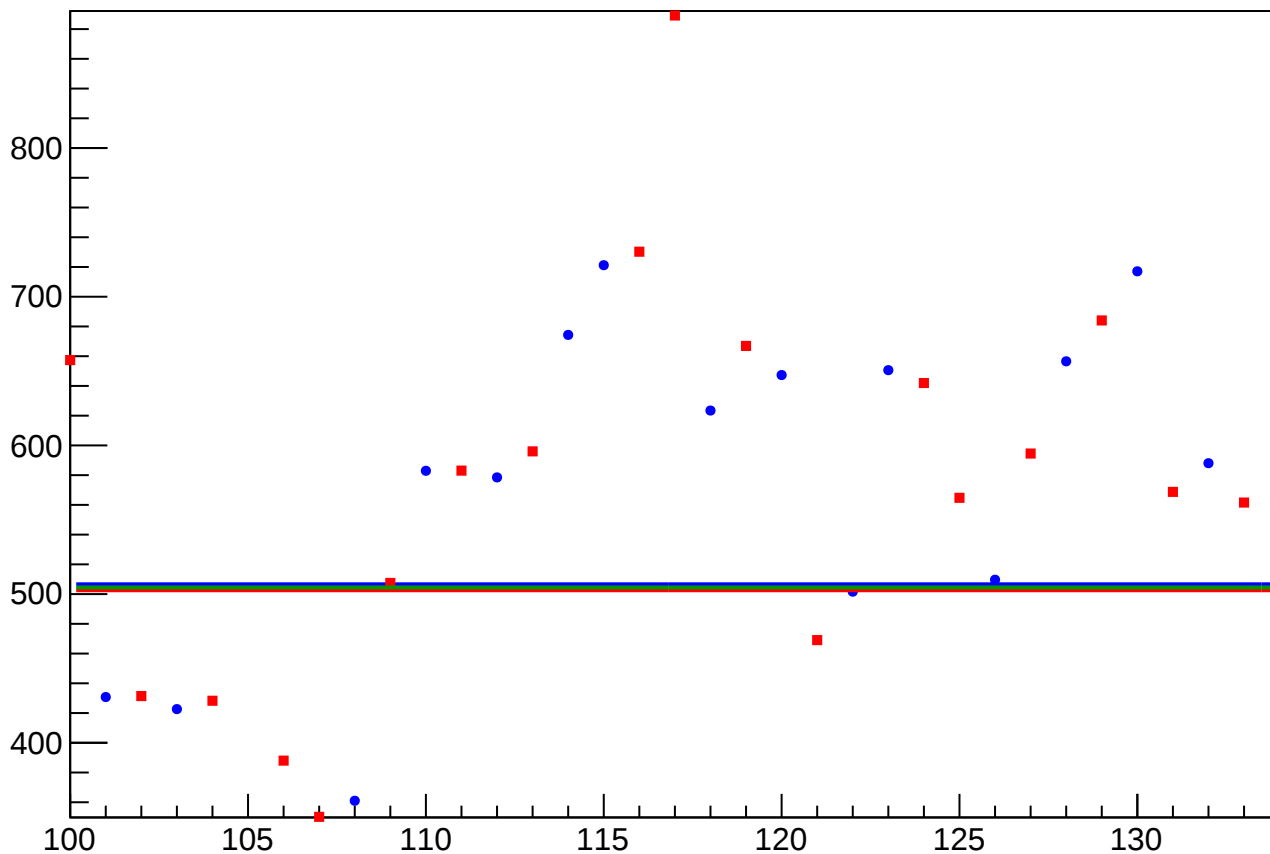
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-121.056+/-215.021 χ^2/NDF : 12.9/15

-15.270+/-147.110 χ^2/NDF : 27.9/33

77.820+/-201.706 χ^2/NDF : 14.5/17

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 506.575+/-0.152 χ^2/NDF : 500000.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.595+/-0.143 χ^2/NDF : 542936.6/17

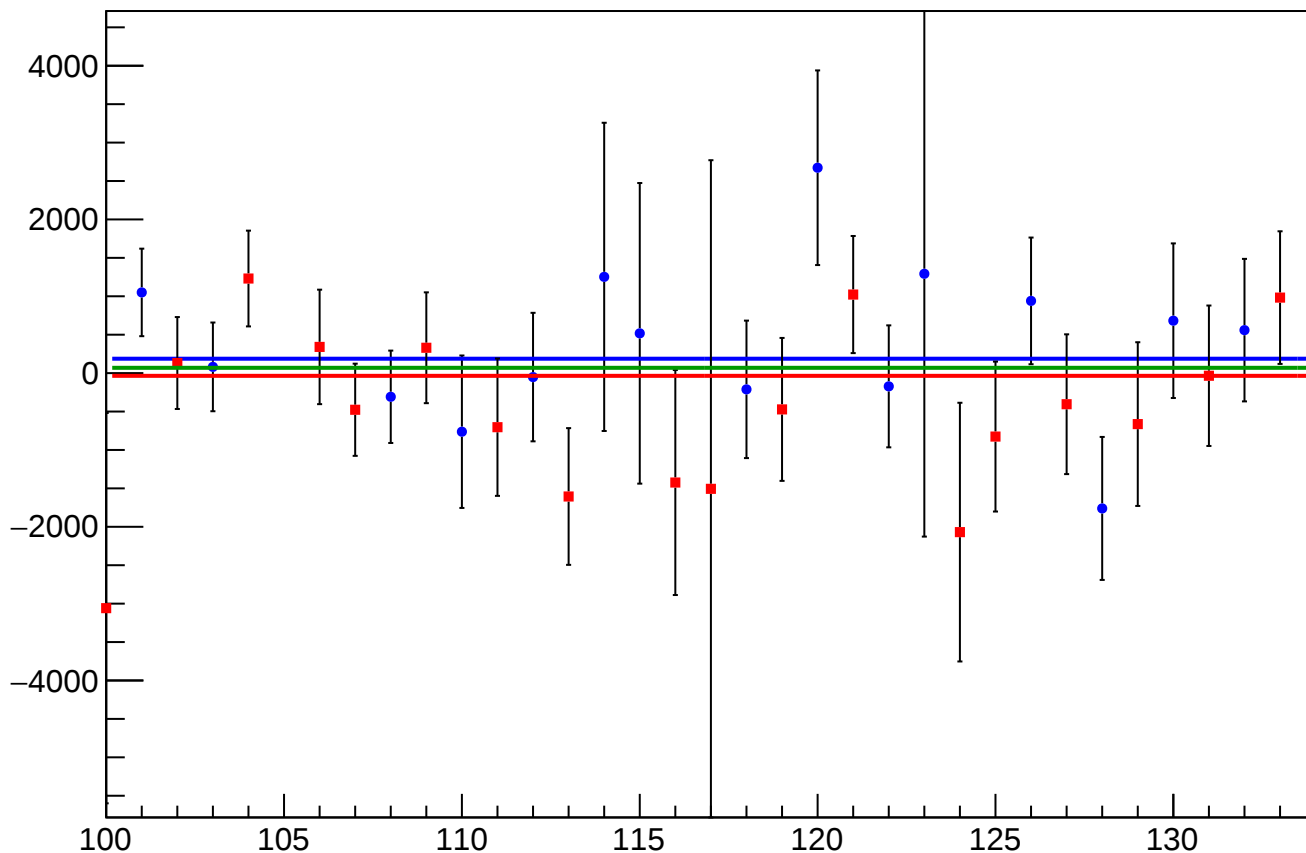
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

506.575+/-0.152 χ^2/NDF : 500000.8/15

504.458+/-0.104 χ^2/NDF : 1043301.8/33

502.595+/-0.143 χ^2/NDF : 542936.6/17

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 187.506 $\pm$ 217.487 χ^2 /NDF: 14.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.365 $\pm$ 204.220 χ^2 /NDF: 17.5/17

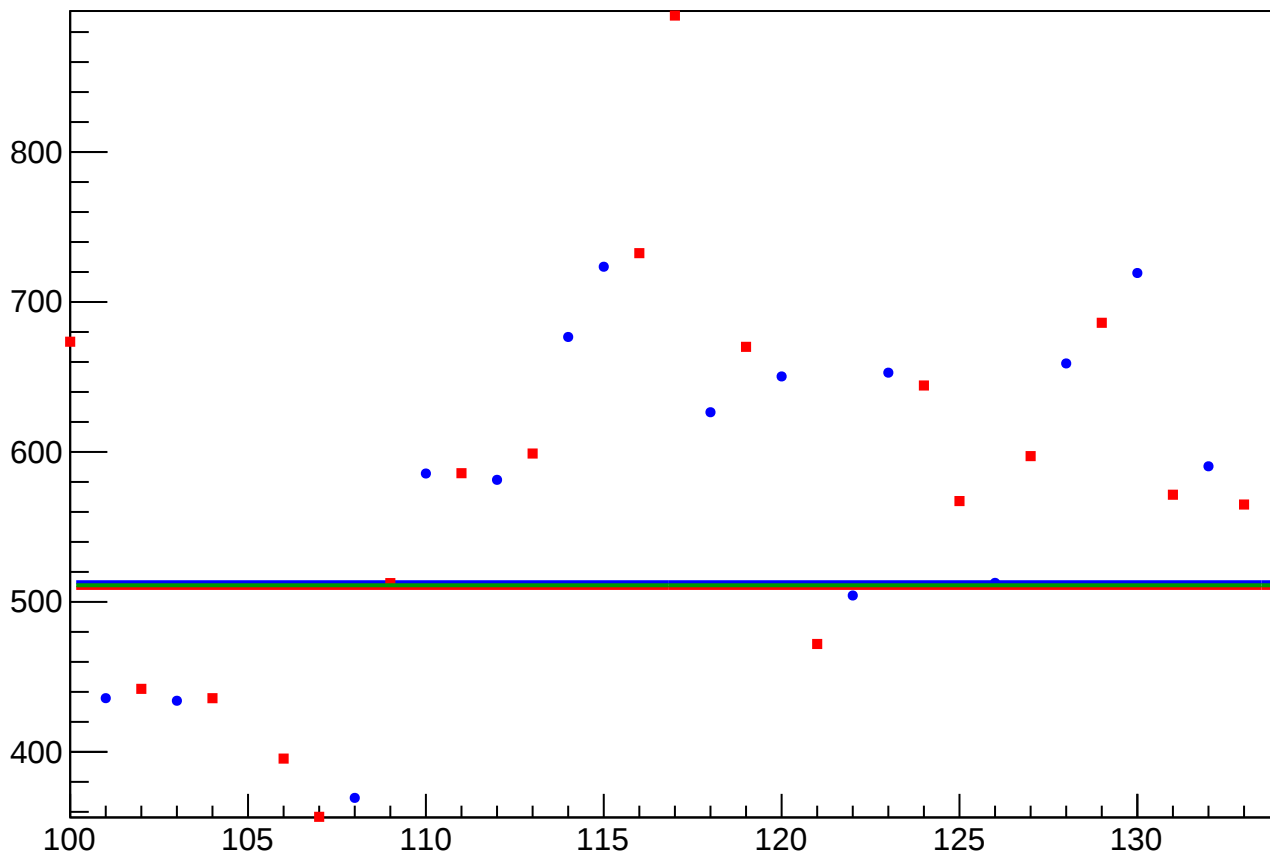
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

187.506 $\pm$ 217.487 χ^2 /NDF: 14.4/15

69.066 $\pm$ 148.874 χ^2 /NDF: 32.5/33

-35.365 $\pm$ 204.220 χ^2 /NDF: 17.5/17

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 513.129+/-0.154 χ^2/NDF : 468291.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.328+/-0.144 χ^2/NDF : 510948.2/17

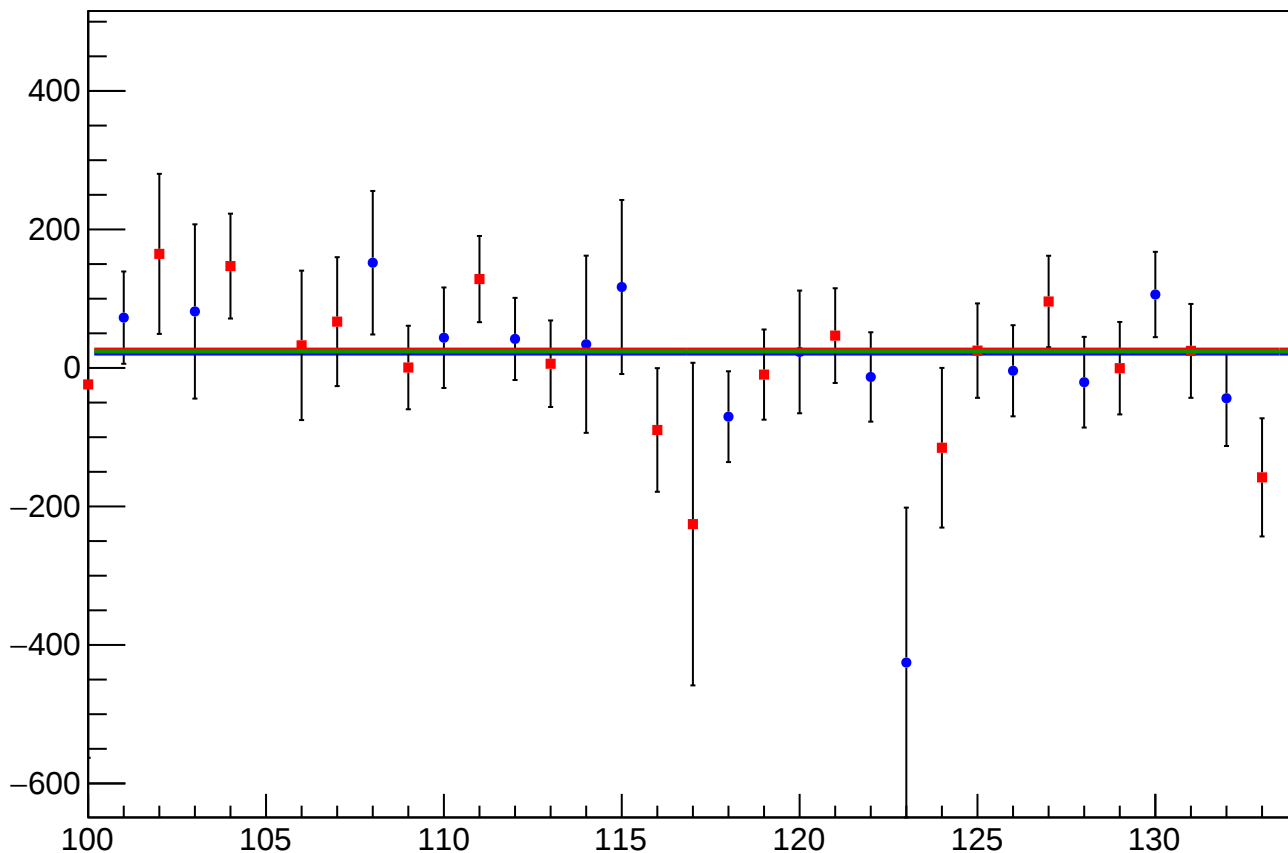
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

513.129+/-0.154 χ^2/NDF : 468291.2/15

511.109+/-0.105 χ^2/NDF : 979563.8/33

509.328+/-0.144 χ^2/NDF : 510948.2/17

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 20.793 $\pm$ 19.541 χ^2 /NDF: 12.8/15

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

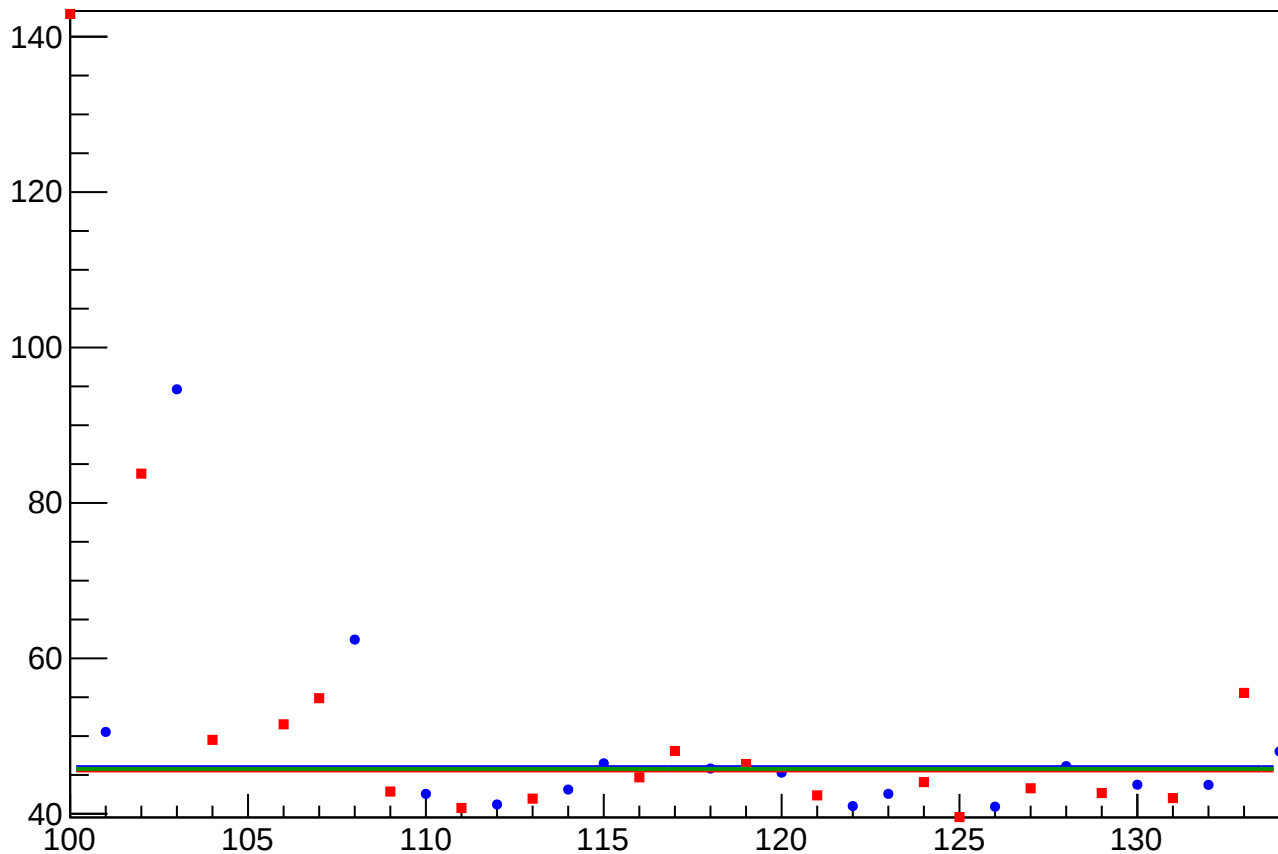
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

20.793 $\pm$ 19.541 χ^2 /NDF: 12.8/15

23.828 $\pm$ 13.418 χ^2 /NDF: 30.7/33

26.536 $\pm$ 18.457 χ^2 /NDF: 17.8/17

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 46.003 $\pm$ 0.014 χ^2 /NDF: 406812.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.579 $\pm$ 0.013 χ^2 /NDF: 397900.8/17

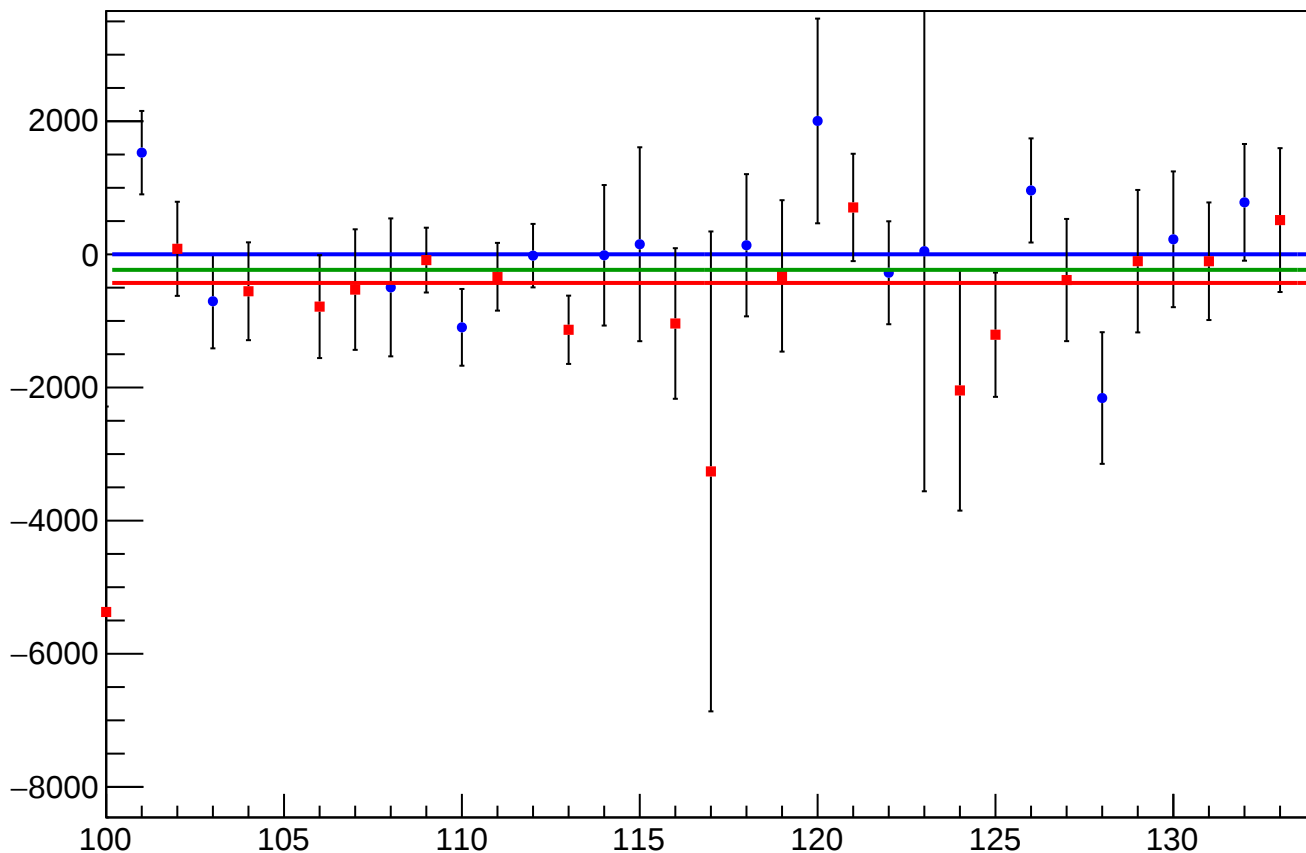
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

46.003 $\pm$ 0.014 χ^2 /NDF: 406812.3/15

45.779 $\pm$ 0.009 χ^2 /NDF: 805210.3/33

45.579 $\pm$ 0.013 χ^2 /NDF: 397900.8/17

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.232 $\pm$ 207.746 χ^2 /NDF: 19.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -429.156 $\pm$ 190.498 χ^2 /NDF: 11.1/17

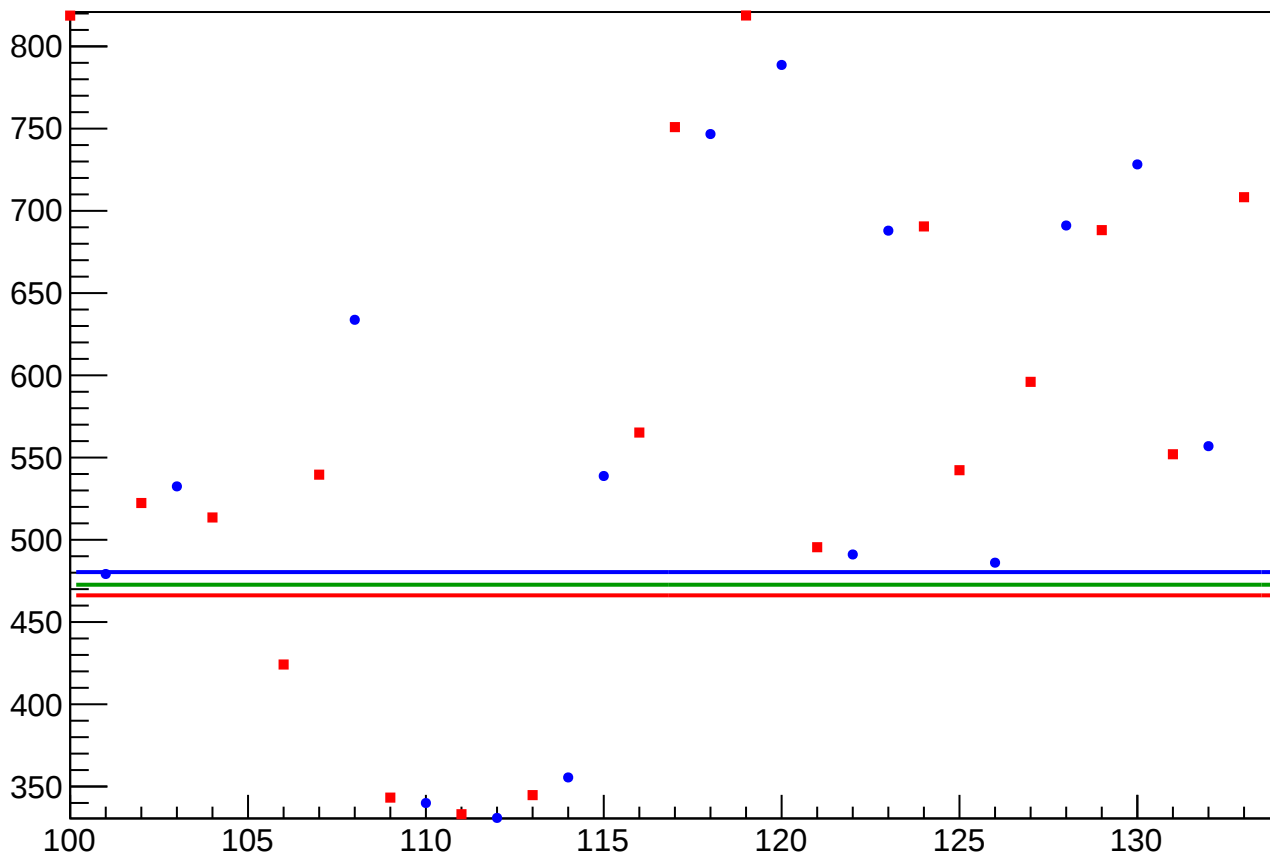
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.232 $\pm$ 207.746 χ^2 /NDF: 19.8/15

-232.567 $\pm$ 140.405 χ^2 /NDF: 33.3/33

-429.156 $\pm$ 190.498 χ^2 /NDF: 11.1/17

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 480.367+/-0.147 χ^2/NDF : 840559.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.225+/-0.135 χ^2/NDF : 954744.0/17

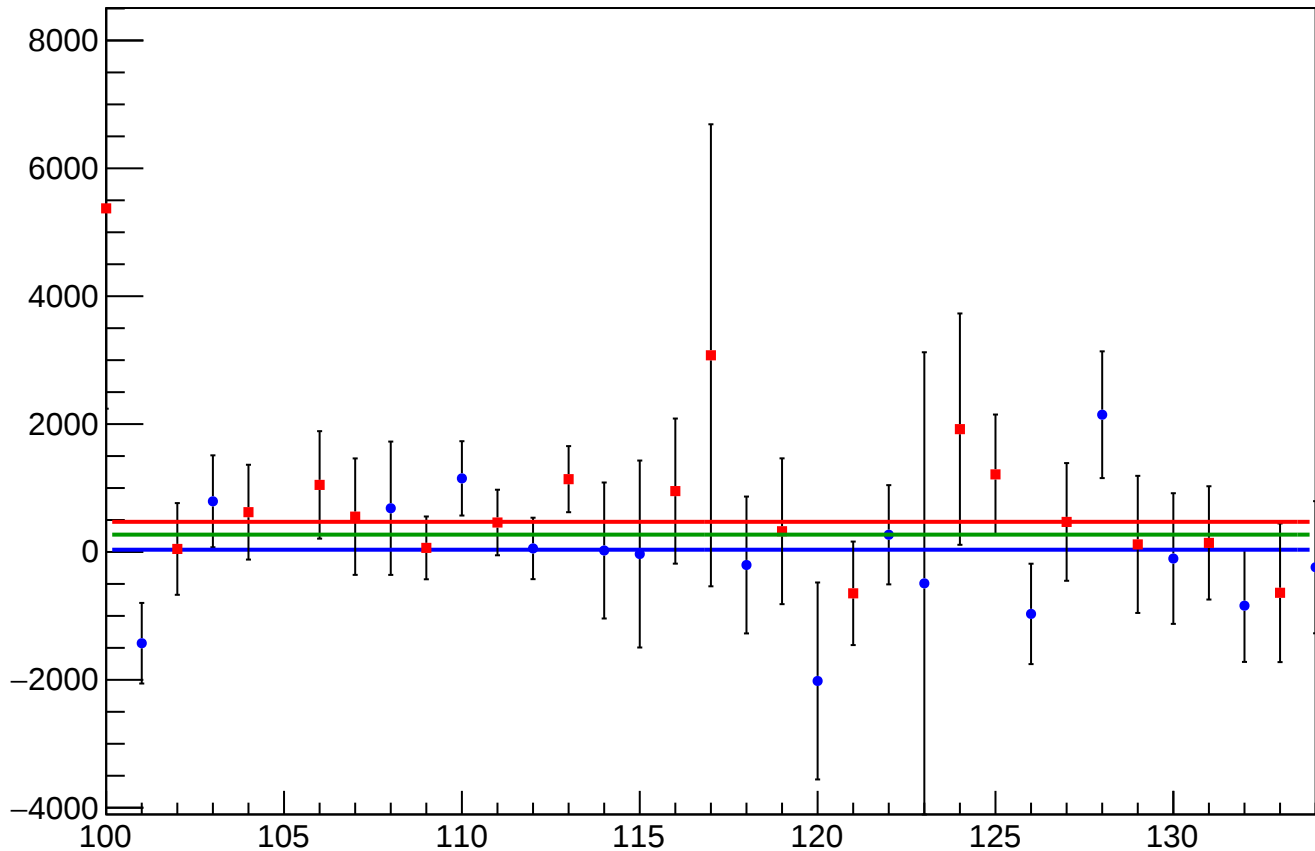
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

480.367+/-0.147 χ^2/NDF : 840559.4/15

472.685+/-0.099 χ^2/NDF : 1800337.7/33

466.225+/-0.135 χ^2/NDF : 954744.0/17

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 35.137+/-209.090 χ^2/NDF : 19.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.411+/-192.632 χ^2/NDF : 10.9/17

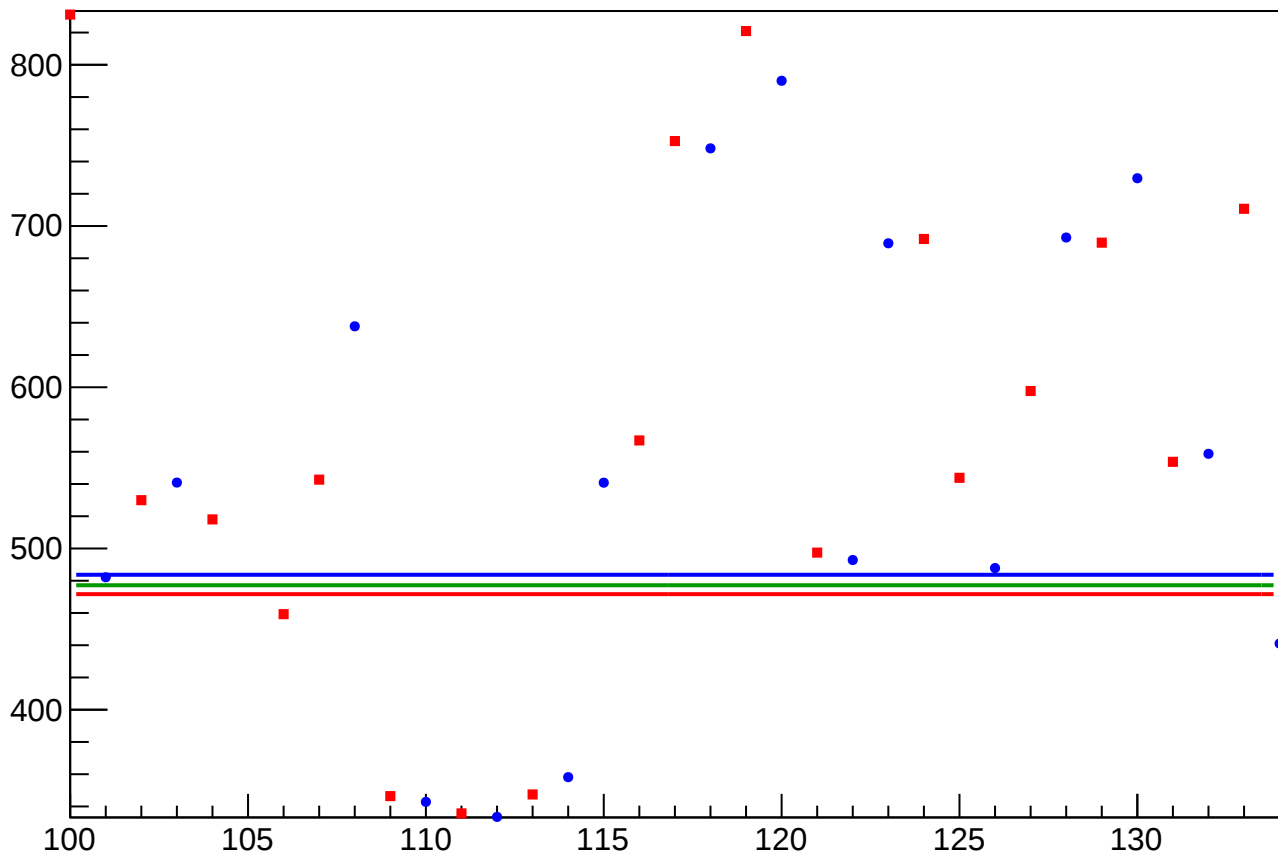
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.137+/-209.090 χ^2/NDF : 19.8/15

271.118+/-141.673 χ^2/NDF : 33.0/33

471.411+/-192.632 χ^2/NDF : 10.9/17

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 483.704+/-0.148 χ^2/NDF : 831049.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.681+/-0.136 χ^2/NDF : 938200.7/17

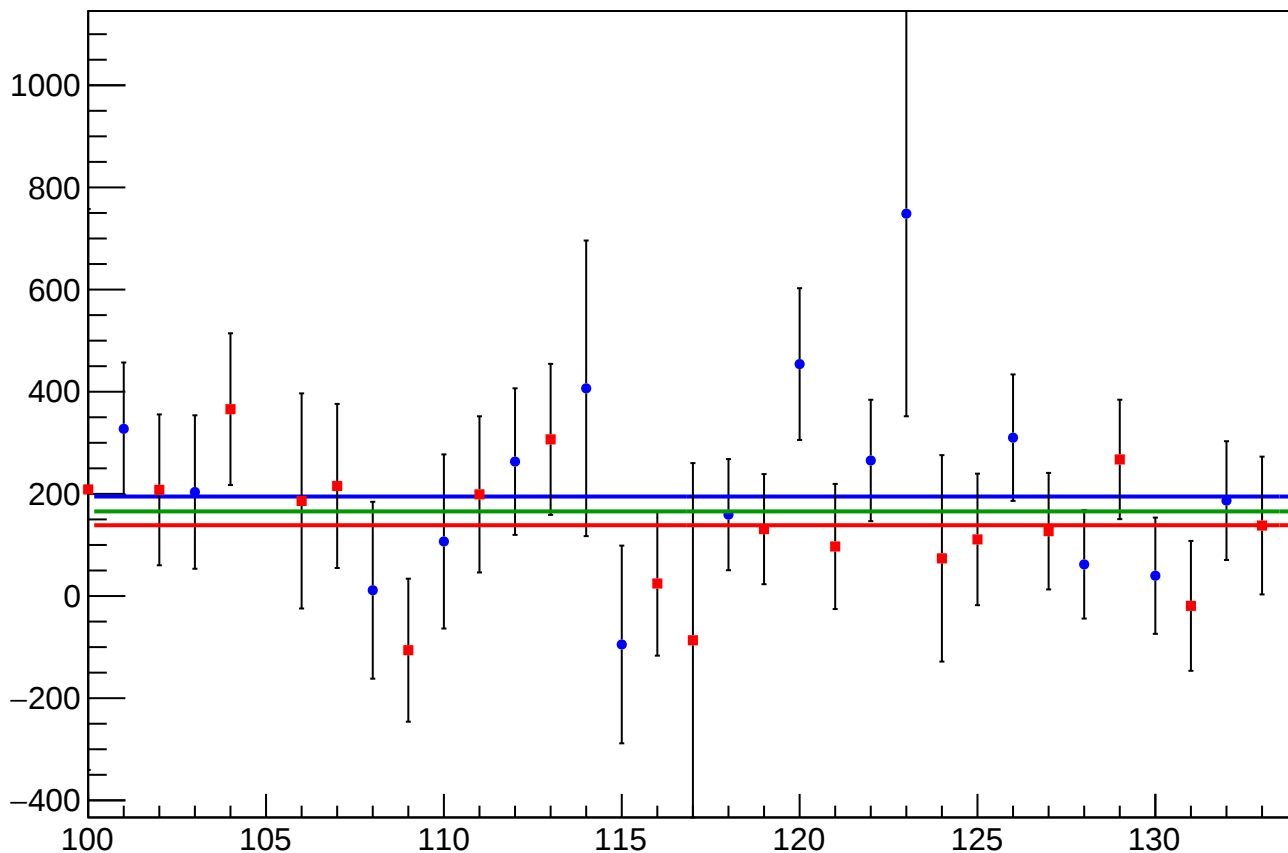
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

483.704+/-0.148 χ^2/NDF : 831049.8/15

477.201+/-0.100 χ^2/NDF : 1772827.6/33

471.681+/-0.136 χ^2/NDF : 938200.7/17

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 194.831 $\pm$ 35.416 χ^2 /NDF: 15.4/15

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

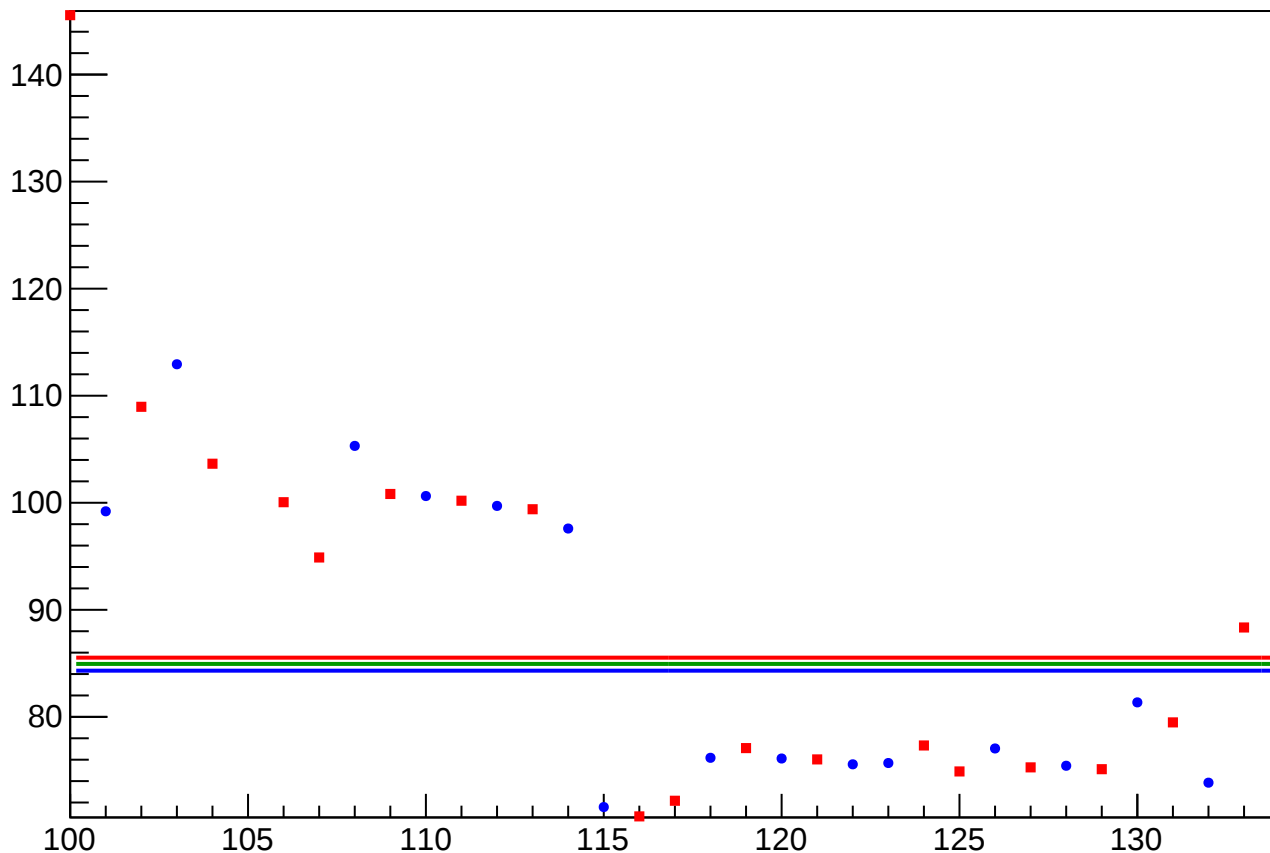
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.831 $\pm$ 35.416 χ^2 /NDF: 15.4/15

165.690 $\pm$ 24.579 χ^2 /NDF: 28.2/33

138.615 $\pm$ 34.138 χ^2 /NDF: 11.5/17

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 84.316+/-0.025 χ^2/NDF : 250092.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.532+/-0.024 χ^2/NDF : 283782.4/17

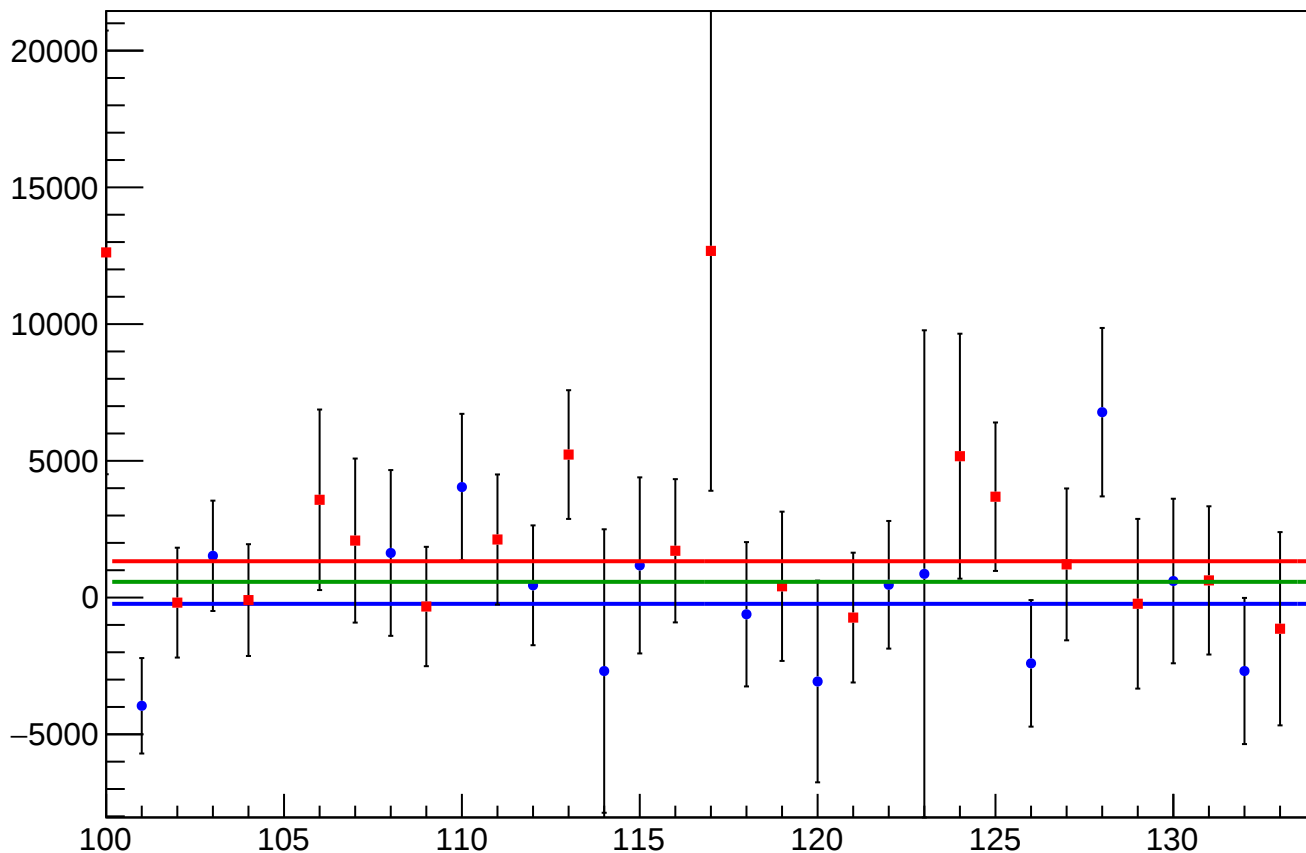
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.316+/-0.025 χ^2/NDF : 250092.4/15

84.946+/-0.017 χ^2/NDF : 535096.2/33

85.532+/-0.024 χ^2/NDF : 283782.4/17

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -229.123+/-669.989 χ^2/NDF : 16.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.712+/-648.409 χ^2/NDF : 11.8/17

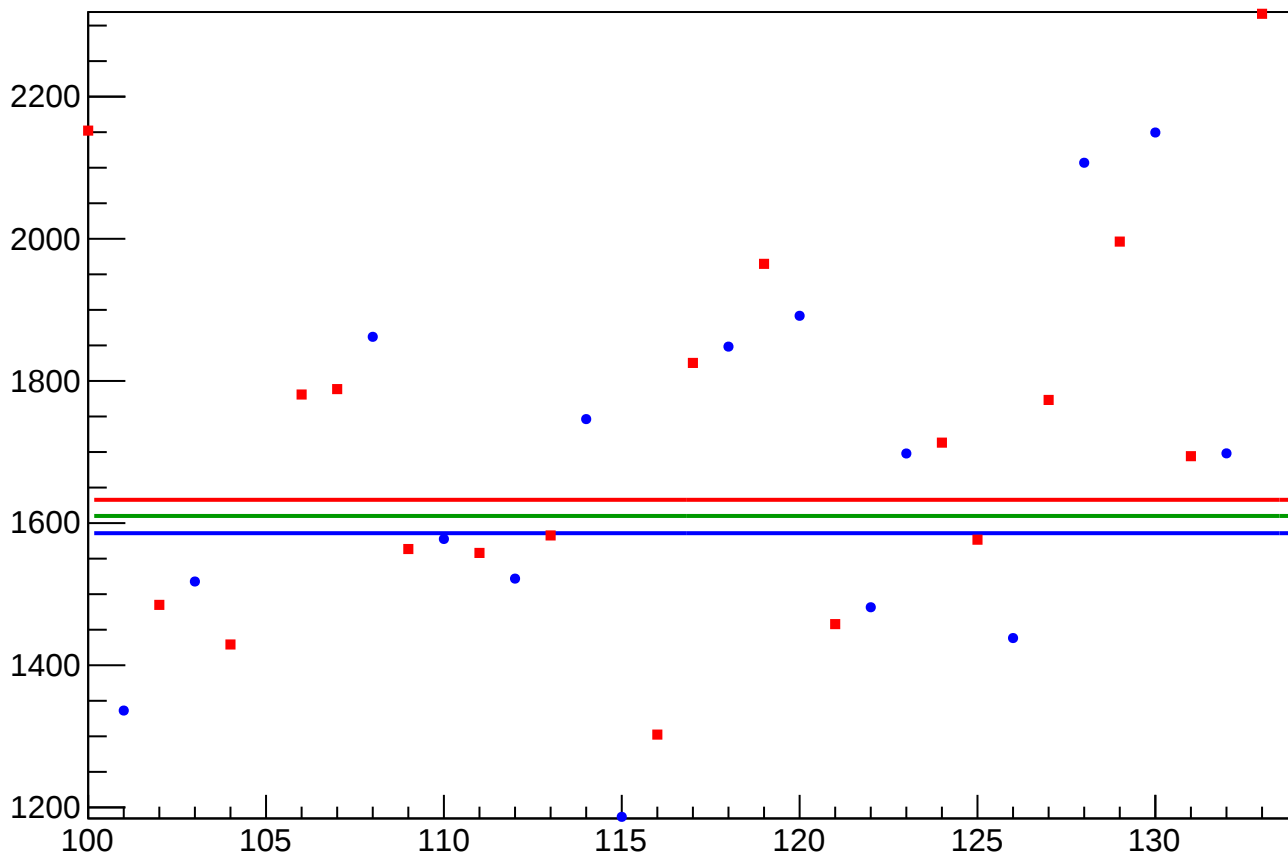
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-229.123+/-669.989 χ^2/NDF : 16.7/15

575.287+/-465.937 χ^2/NDF : 31.3/33

1328.712+/-648.409 χ^2/NDF : 11.8/17

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1585.808+/-0.474 χ^2/NDF : 290604.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.770+/-0.458 χ^2/NDF : 236368.5/17

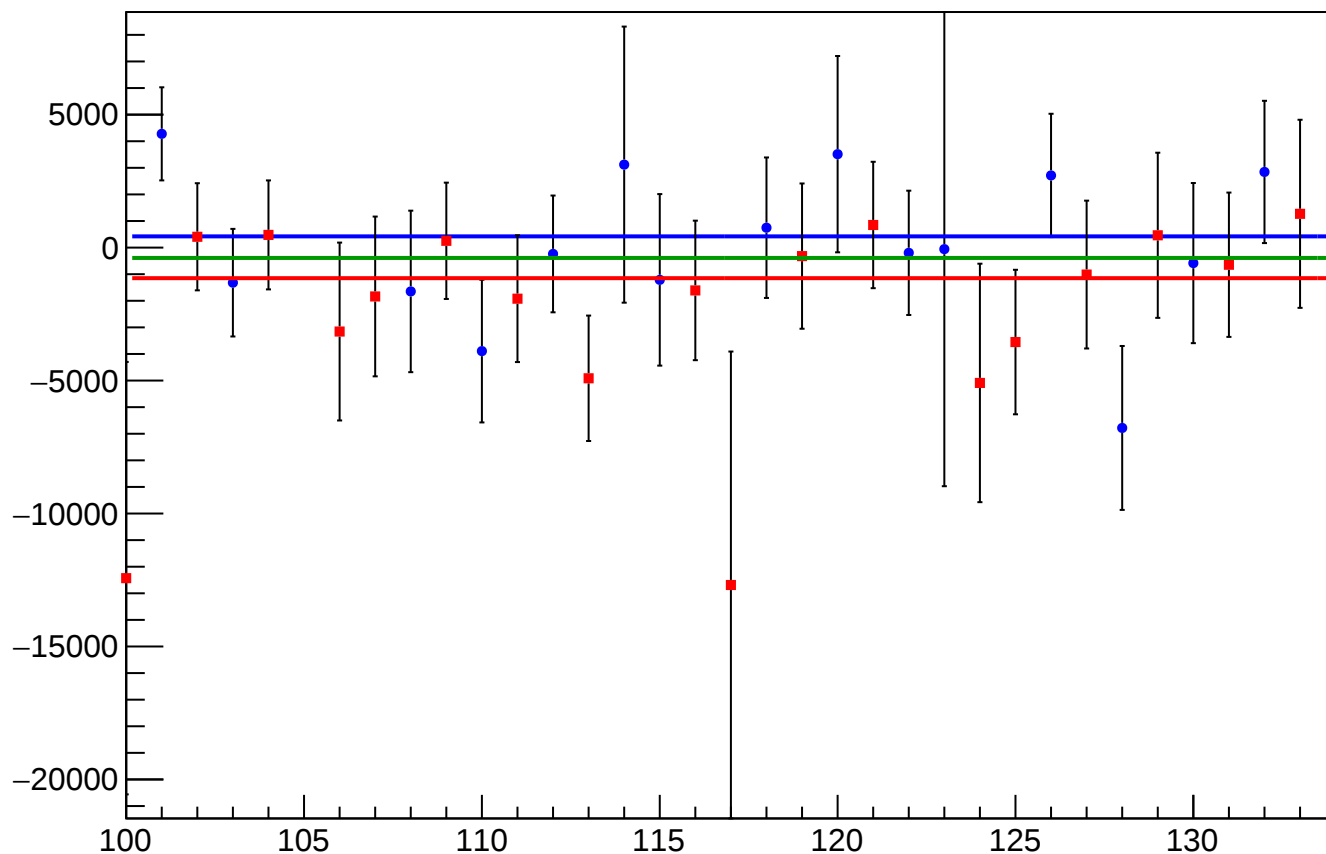
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1585.808+/-0.474 χ^2/NDF : 290604.6/15

1610.058+/-0.329 χ^2/NDF : 532046.8/33

1632.770+/-0.458 χ^2/NDF : 236368.5/17

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 422.226+/-671.210 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1149.500+/-649.816 χ^2/NDF : 11.5/17

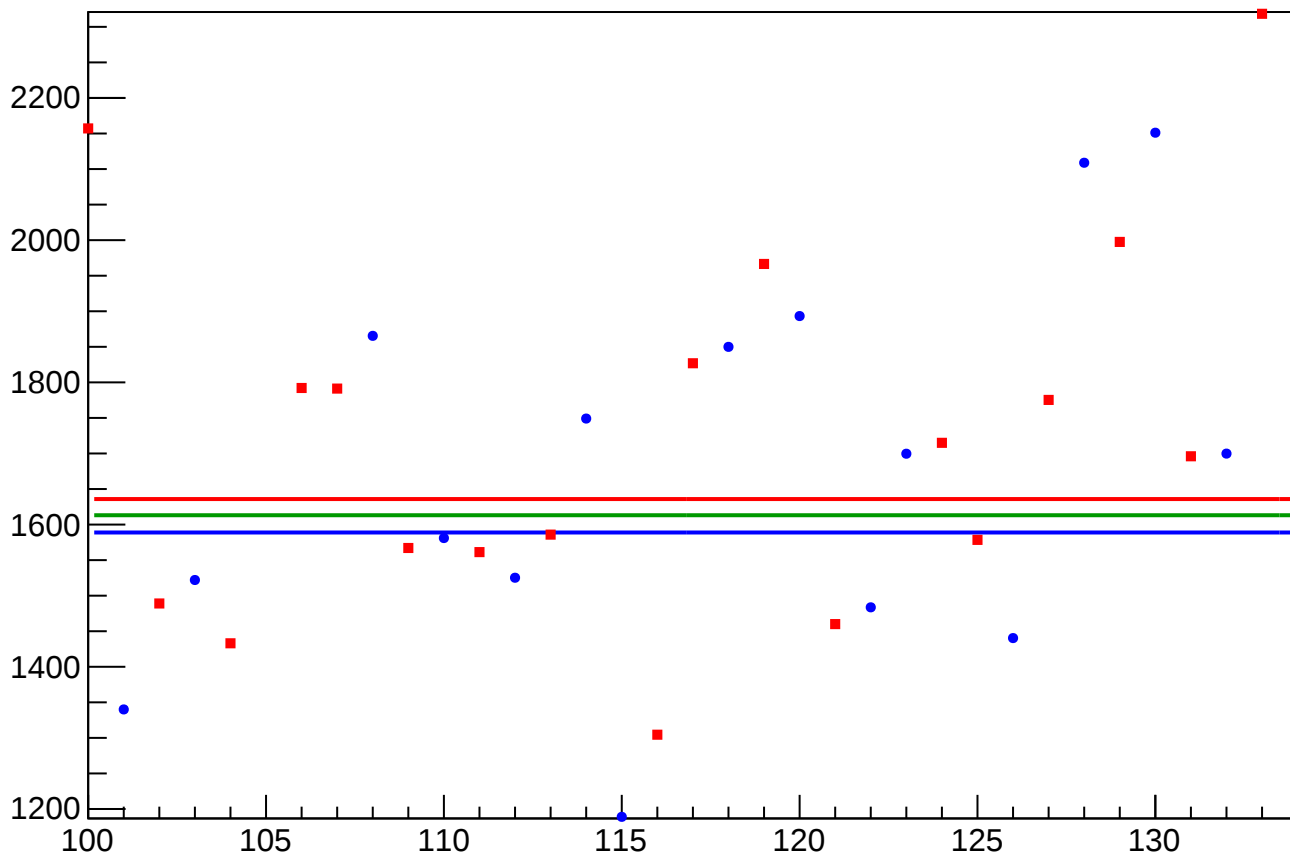
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

422.226+/-671.210 χ^2/NDF : 17.6/15

-389.084+/-466.869 χ^2/NDF : 31.9/33

-1149.500+/-649.816 χ^2/NDF : 11.5/17

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1588.862 $\pm$ 0.475 χ^2 /NDF: 288719.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1635.896 $\pm$ 0.459 χ^2 /NDF: 235265.0/17

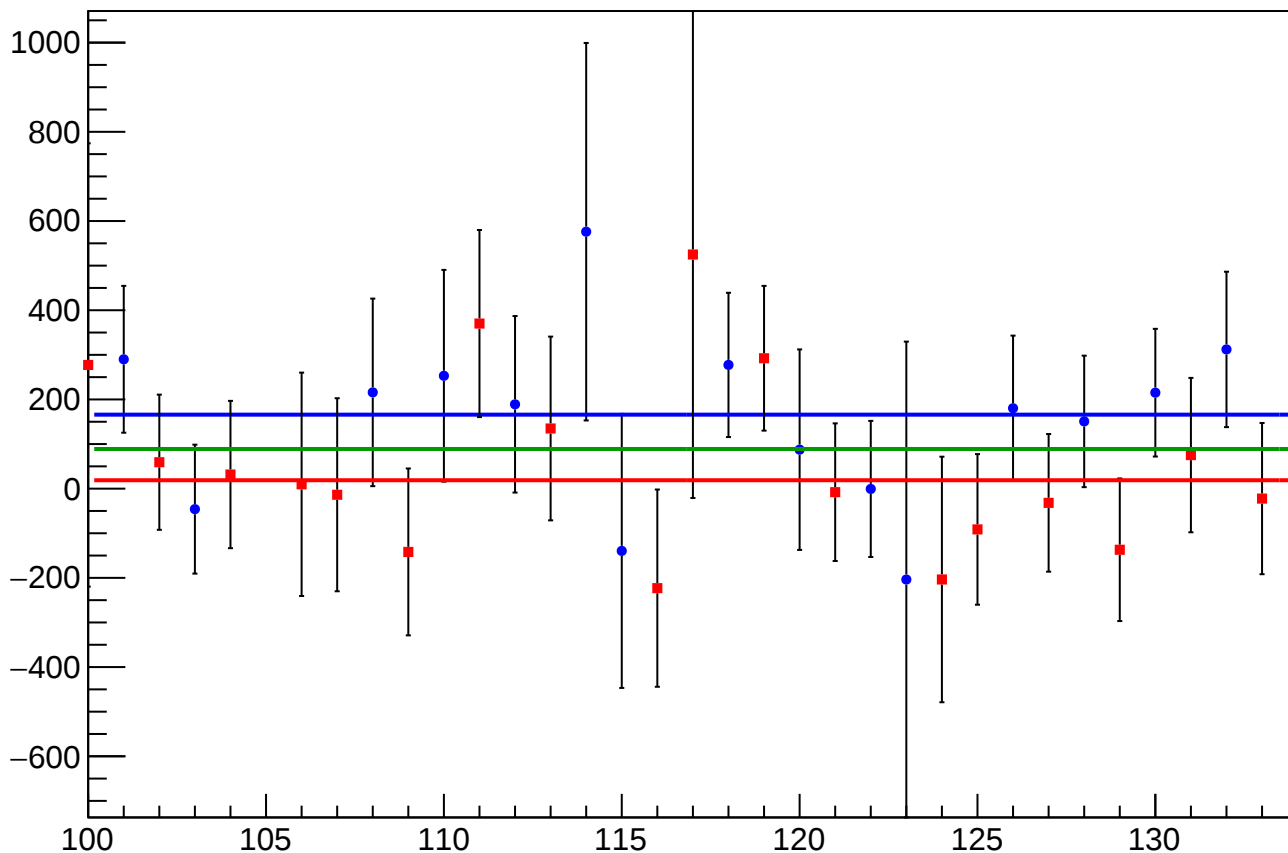
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1588.862 $\pm$ 0.475 χ^2 /NDF: 288719.9/15

1613.140 $\pm$ 0.330 χ^2 /NDF: 529054.2/33

1635.896 $\pm$ 0.459 χ^2 /NDF: 235265.0/17

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 165.899 $\pm$ 46.956 χ^2 /NDF: 8.2/15

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

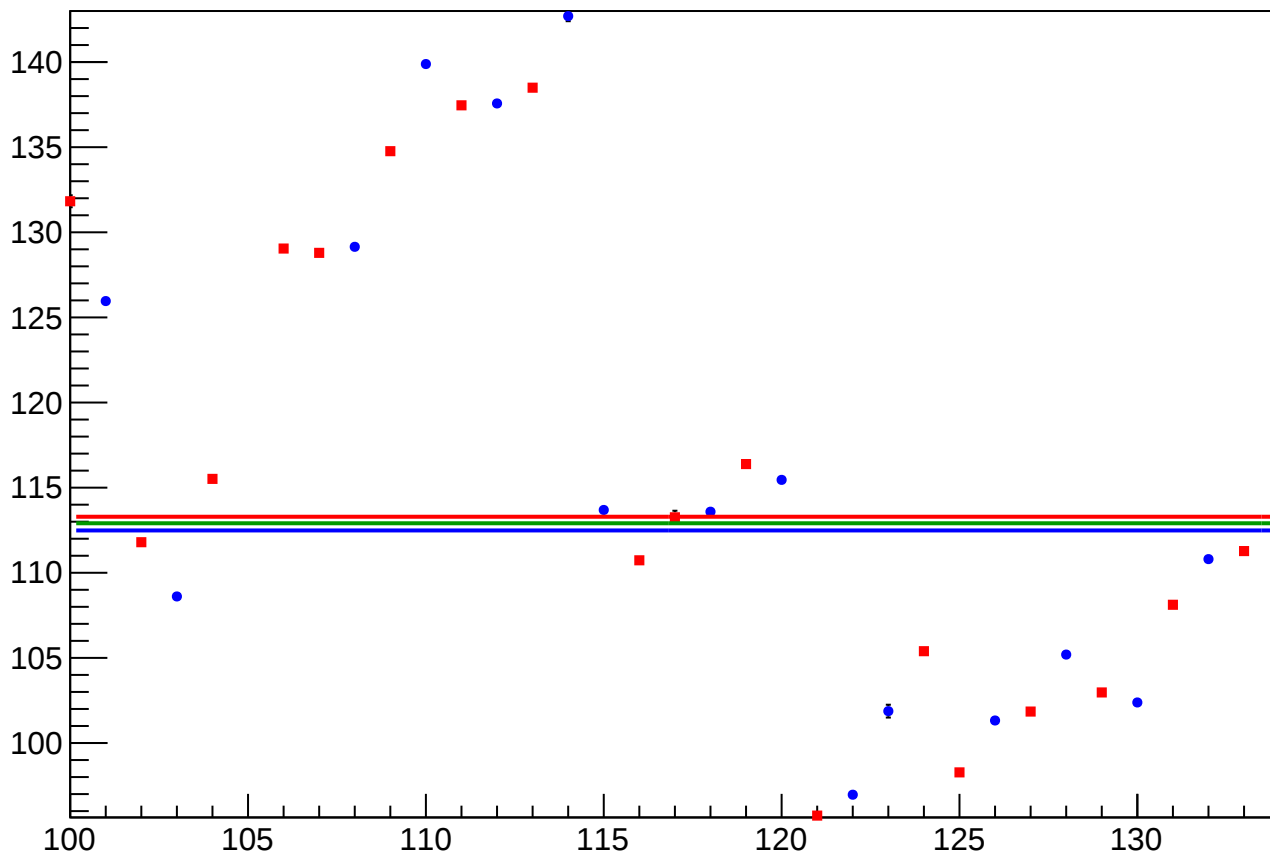
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

165.899 $\pm$ 46.956 χ^2 /NDF: 8.2/15

88.956 $\pm$ 32.421 χ^2 /NDF: 24.8/33

18.862 $\pm$ 44.818 χ^2 /NDF: 11.5/17

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 112.487+/-0.033 χ^2/NDF : 143732.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.292+/-0.032 χ^2/NDF : 170137.9/17

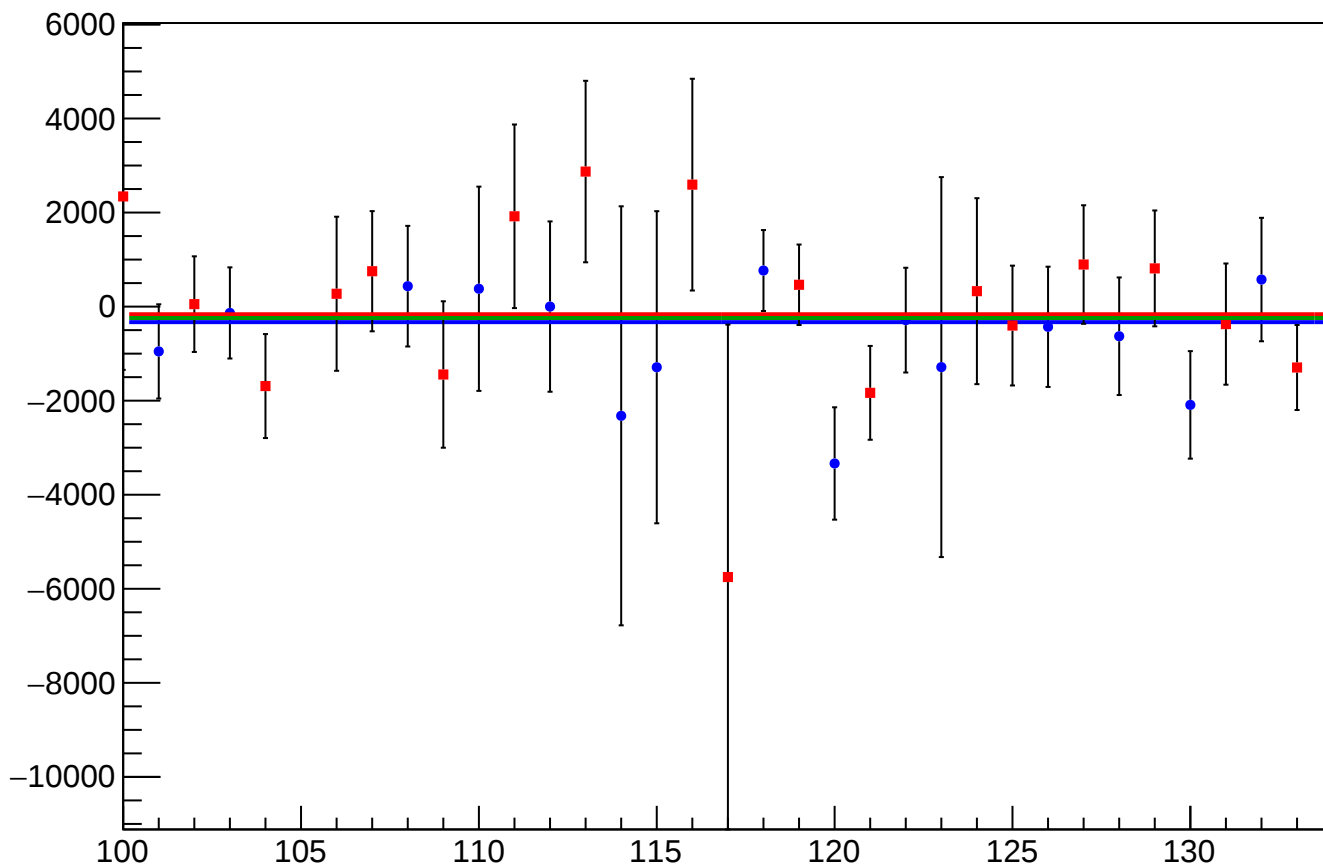
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.487+/-0.033 χ^2/NDF : 143732.5/15

112.908+/-0.023 χ^2/NDF : 314178.1/33

113.292+/-0.032 χ^2/NDF : 170137.9/17

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -330.131+/-326.742 χ^2/NDF : 17.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -162.352+/-310.444 χ^2/NDF : 16.2/17

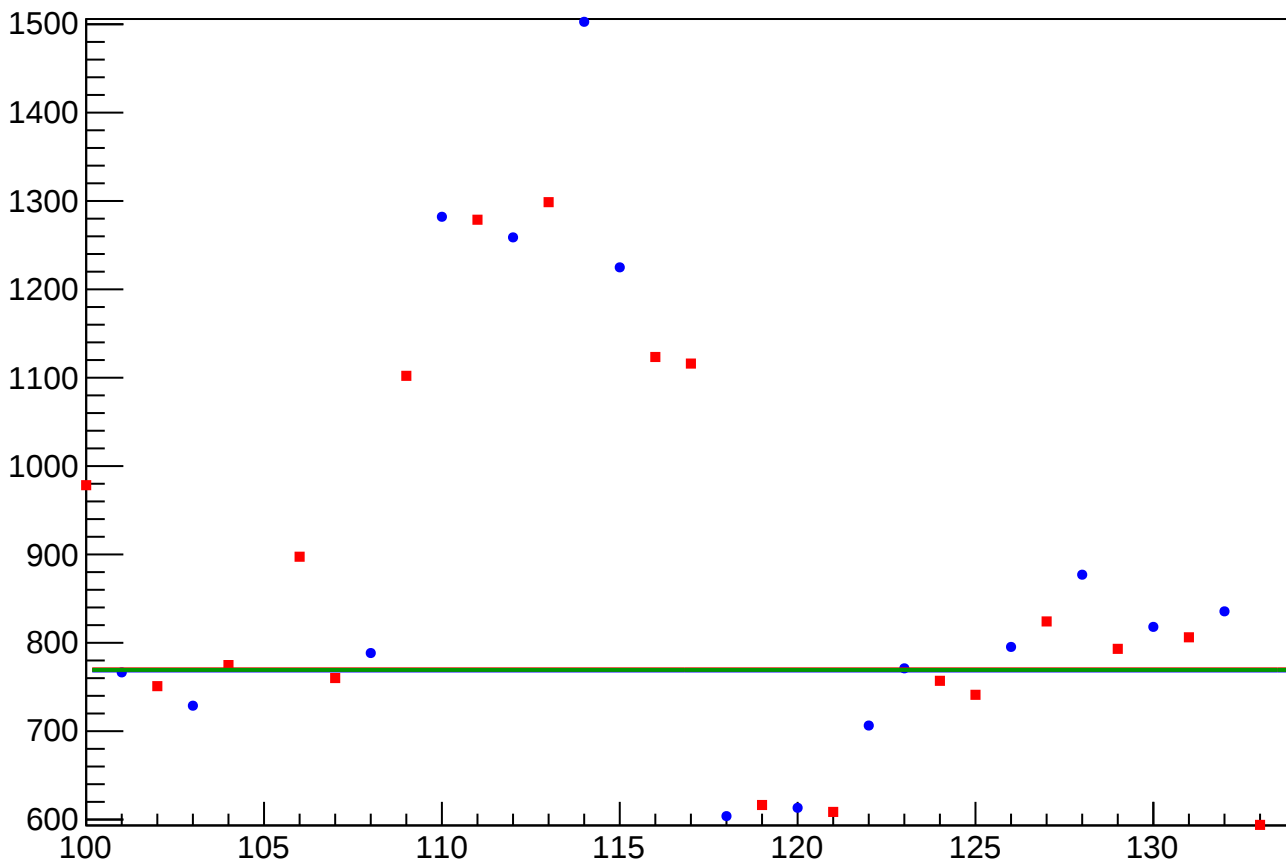
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-330.131+/-326.742 χ^2/NDF : 17.0/15

-241.953+/-225.059 χ^2/NDF : 33.4/33

-162.352+/-310.444 χ^2/NDF : 16.2/17

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 768.705+/-0.231 χ^2/NDF : 519986.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 769.941+/-0.220 χ^2/NDF : 653622.6/17

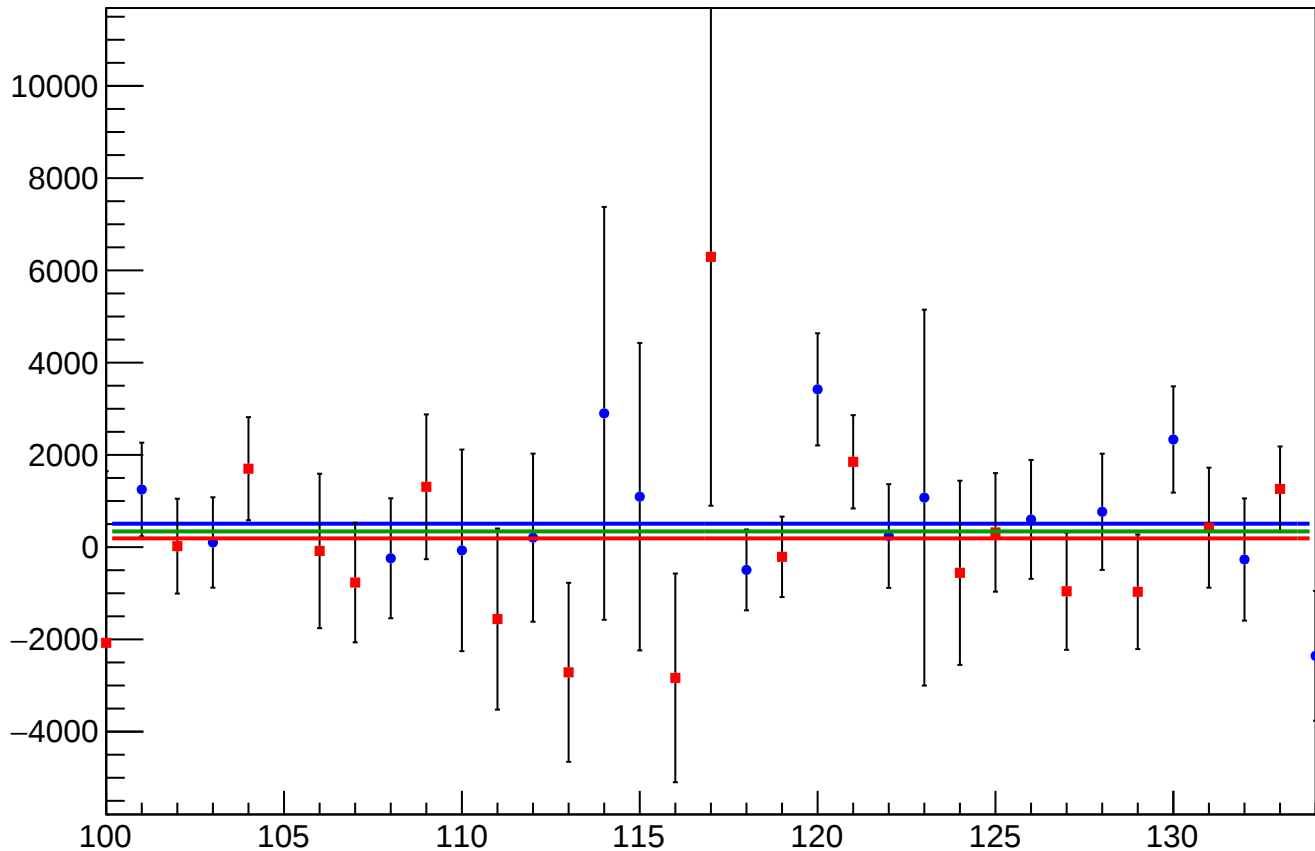
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

768.705+/-0.231 χ^2/NDF : 519986.7/15

769.355+/-0.159 χ^2/NDF : 1173624.3/33

769.941+/-0.220 χ^2/NDF : 653622.6/17

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 508.379+/-330.668 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.874+/-314.376 χ^2/NDF : 15.5/17

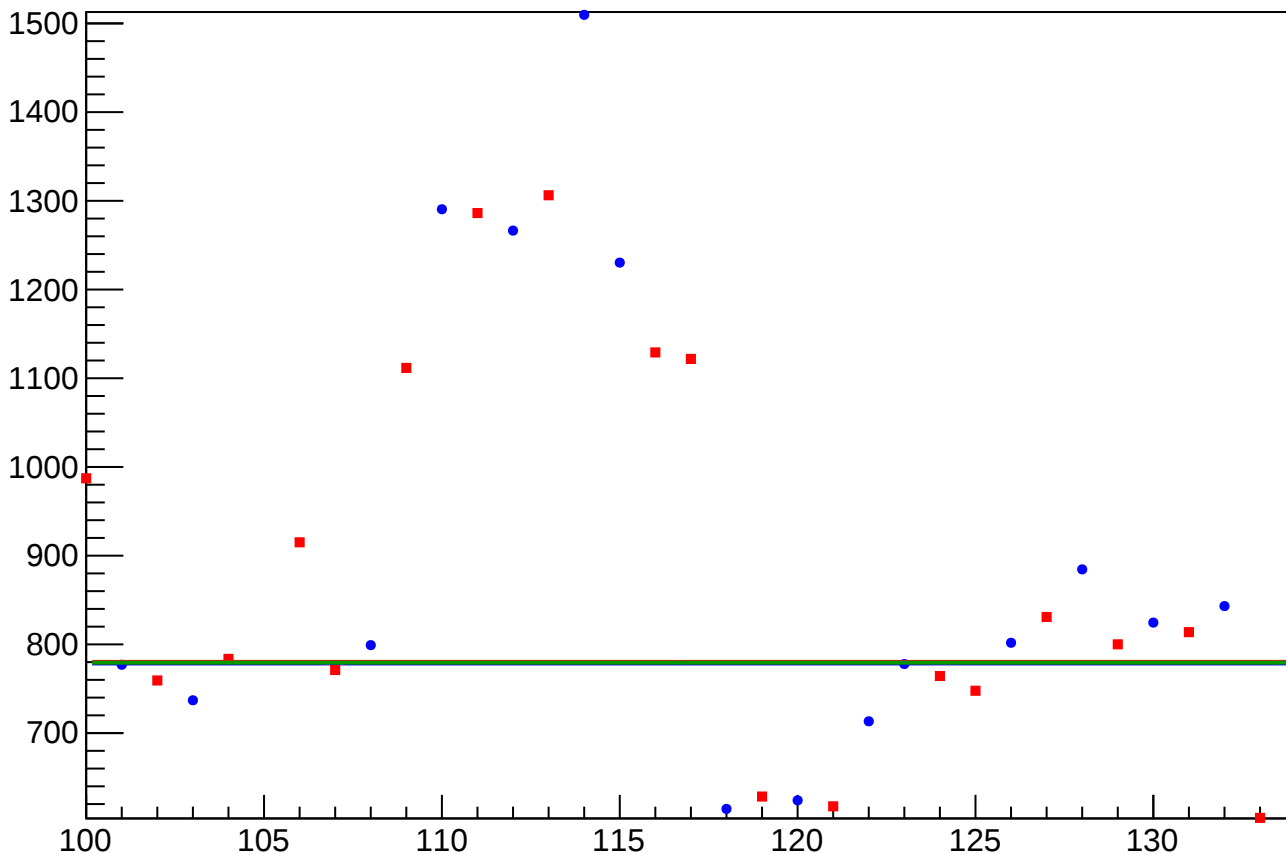
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

508.379+/-330.668 χ^2/NDF : 15.6/15

341.087+/-227.839 χ^2/NDF : 31.6/33

189.874+/-314.376 χ^2/NDF : 15.5/17

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 778.531+/-0.234 χ^2/NDF : 505388.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 780.242+/-0.222 χ^2/NDF : 636379.2/17

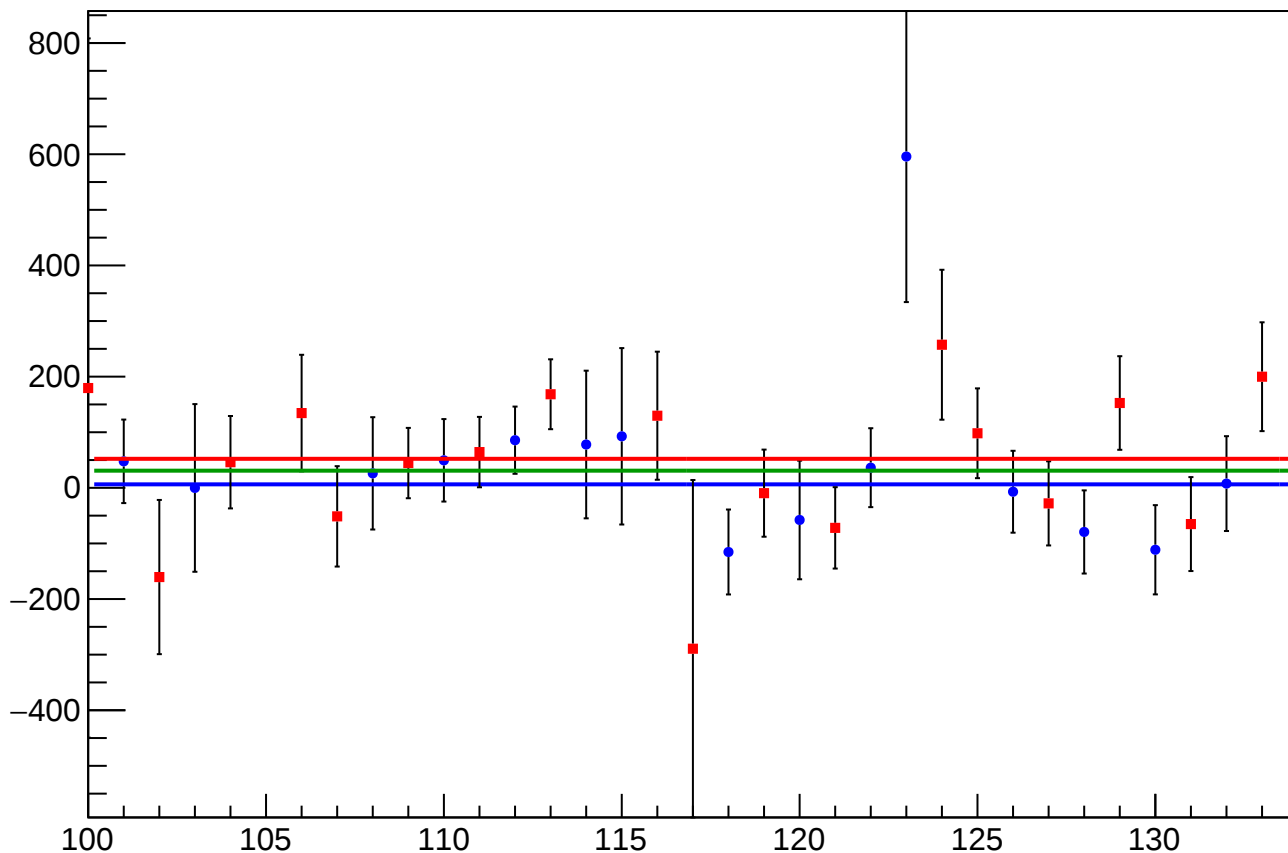
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

778.531+/-0.234 χ^2/NDF : 505388.2/15

779.429+/-0.161 χ^2/NDF : 1141795.5/33

780.242+/-0.222 χ^2/NDF : 636379.2/17

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 6.282 $\pm$ 22.046 χ^2 /NDF: 14.7/15

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

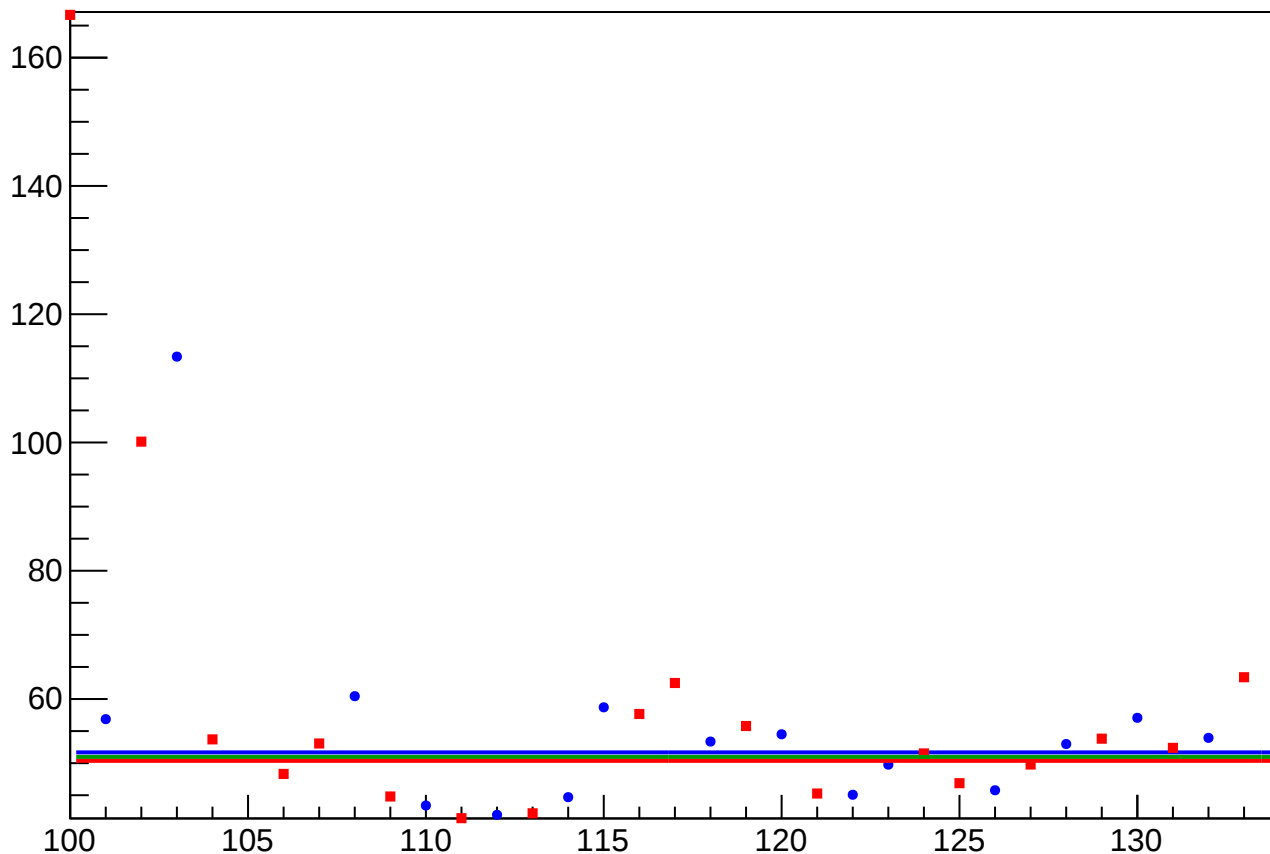
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.282 $\pm$ 22.046 χ^2 /NDF: 14.7/15

30.874 $\pm$ 15.029 χ^2 /NDF: 39.4/33

52.221 $\pm$ 20.541 χ^2 /NDF: 22.4/17

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.678+/-0.016 χ^2/NDF : 492497.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.361+/-0.015 χ^2/NDF : 495554.8/17

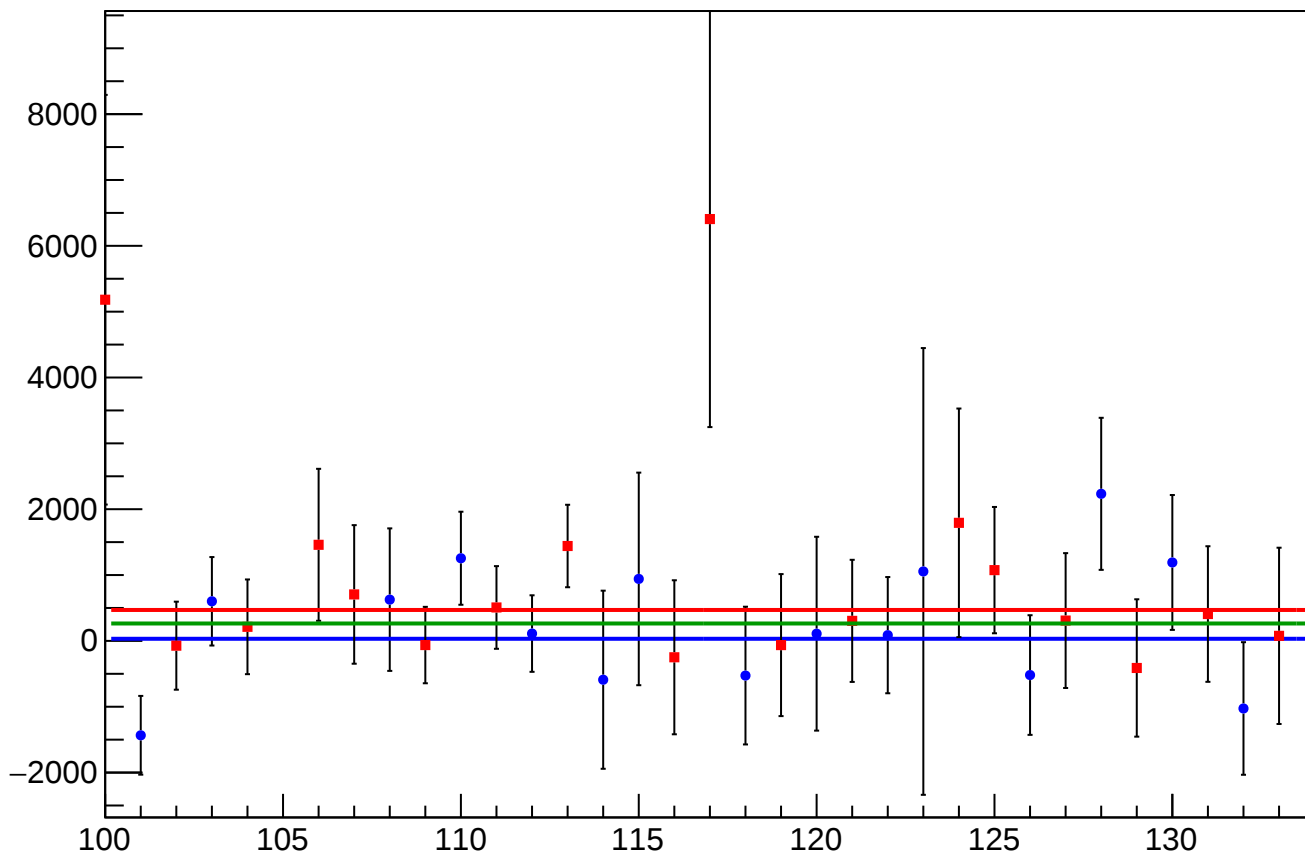
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.678+/-0.016 χ^2/NDF : 492497.7/15

50.973+/-0.011 χ^2/NDF : 991869.5/33

50.361+/-0.015 χ^2/NDF : 495554.8/17

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 32.000+/-228.677 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.638+/-215.015 χ^2/NDF : 13.1/17

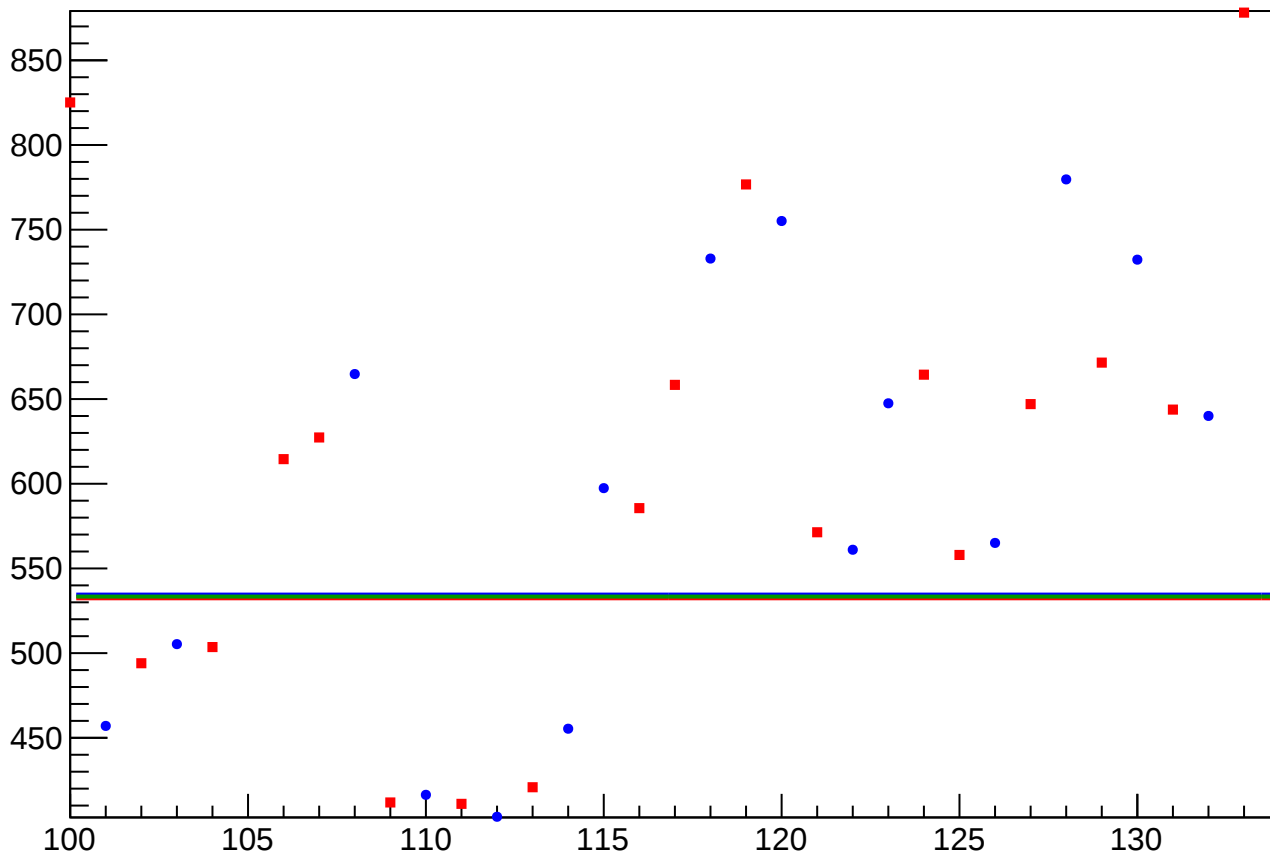
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.000+/-228.677 χ^2/NDF : 19.0/15

264.281+/-156.646 χ^2/NDF : 34.1/33

469.638+/-215.015 χ^2/NDF : 13.1/17

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 534.558+/-0.162 χ^2/NDF : 545709.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.373+/-0.152 χ^2/NDF : 622445.6/17

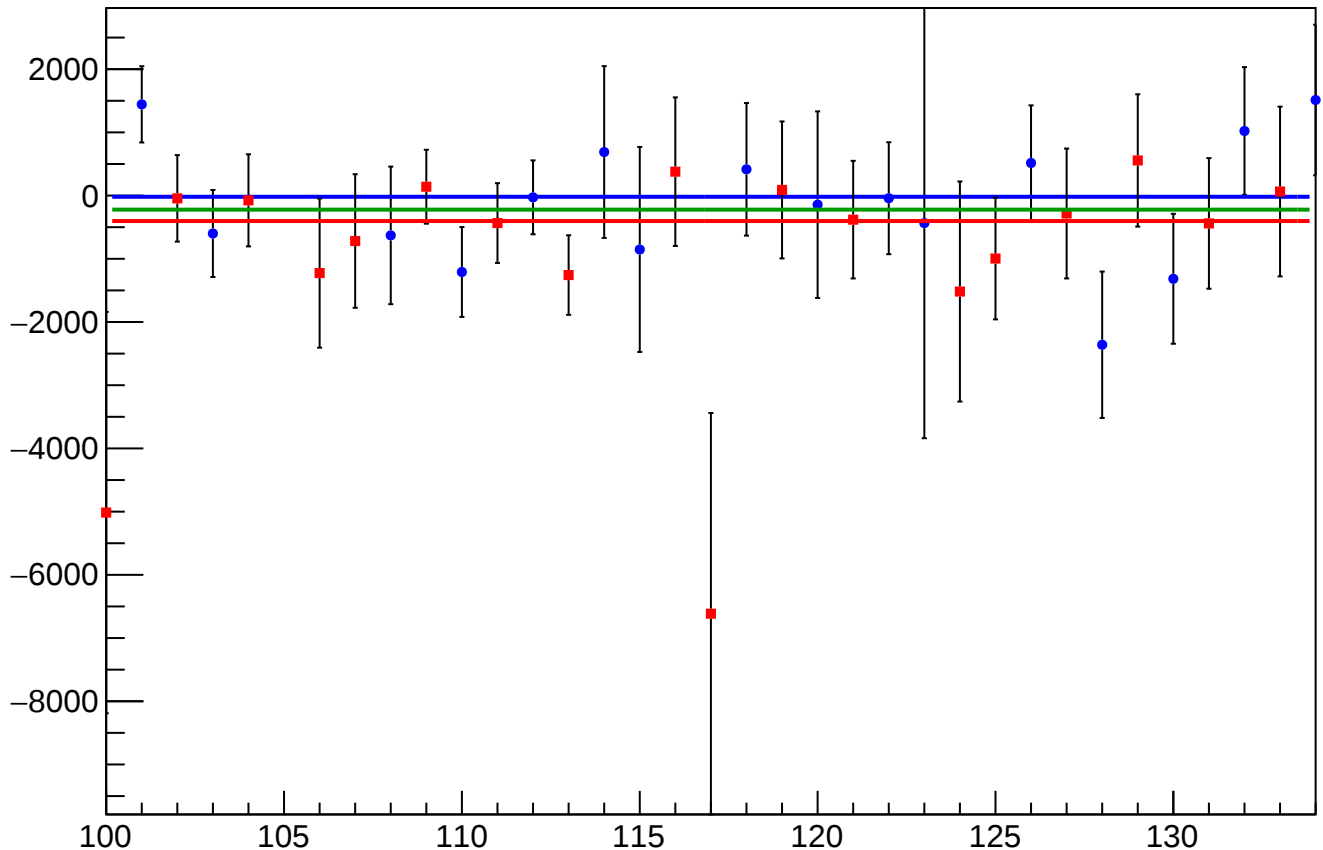
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

534.558+/-0.162 χ^2/NDF : 545709.6/15

533.398+/-0.111 χ^2/NDF : 1168252.2/33

532.373+/-0.152 χ^2/NDF : 622445.6/17

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -18.665 ± 230.383 χ^2/NDF : 19.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -402.535 ± 216.753 χ^2/NDF : 12.1/17

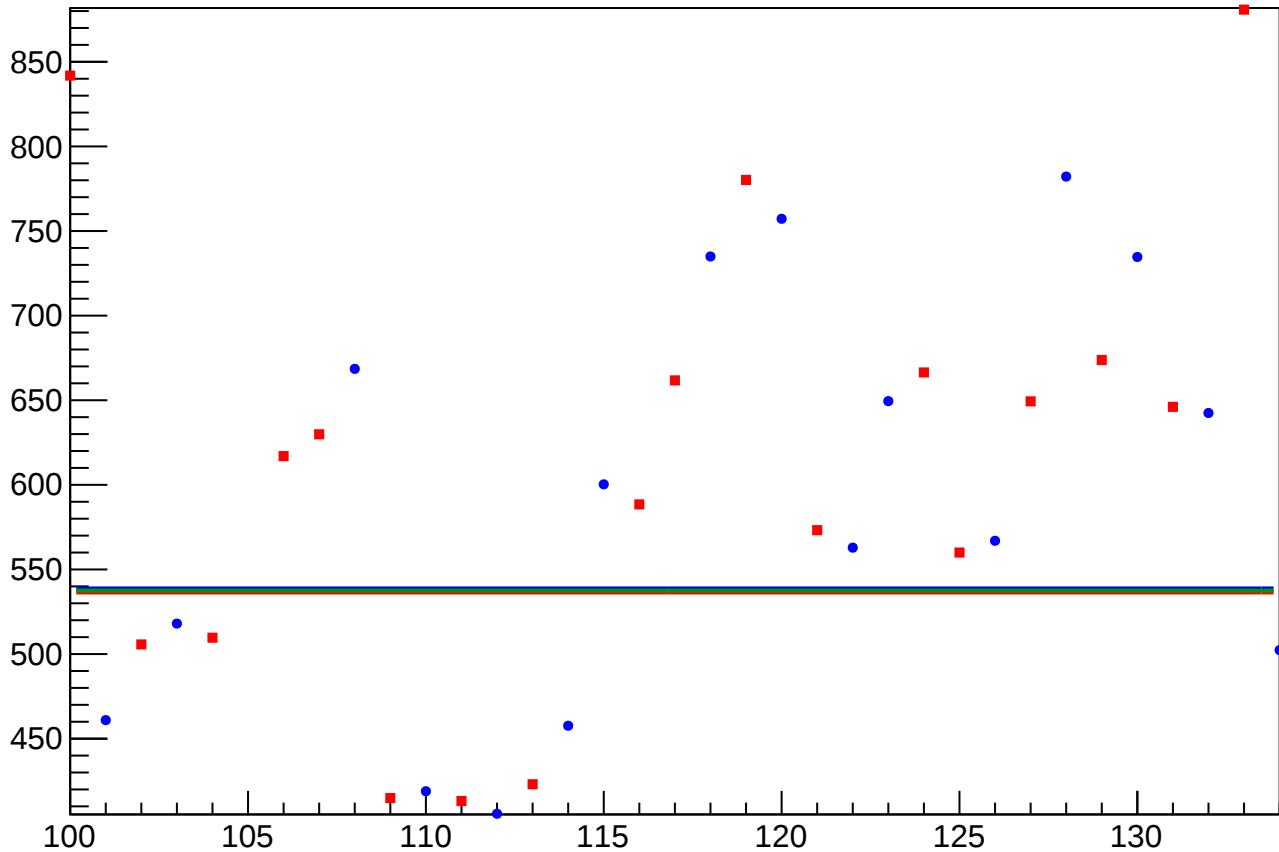
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.665 ± 230.383 χ^2/NDF : 19.2/15

-222.290 ± 157.866 χ^2/NDF : 32.8/33

-402.535 ± 216.753 χ^2/NDF : 12.1/17

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 538.774+/-0.163 χ^2/NDF : 537491.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.397+/-0.153 χ^2/NDF : 614318.0/17

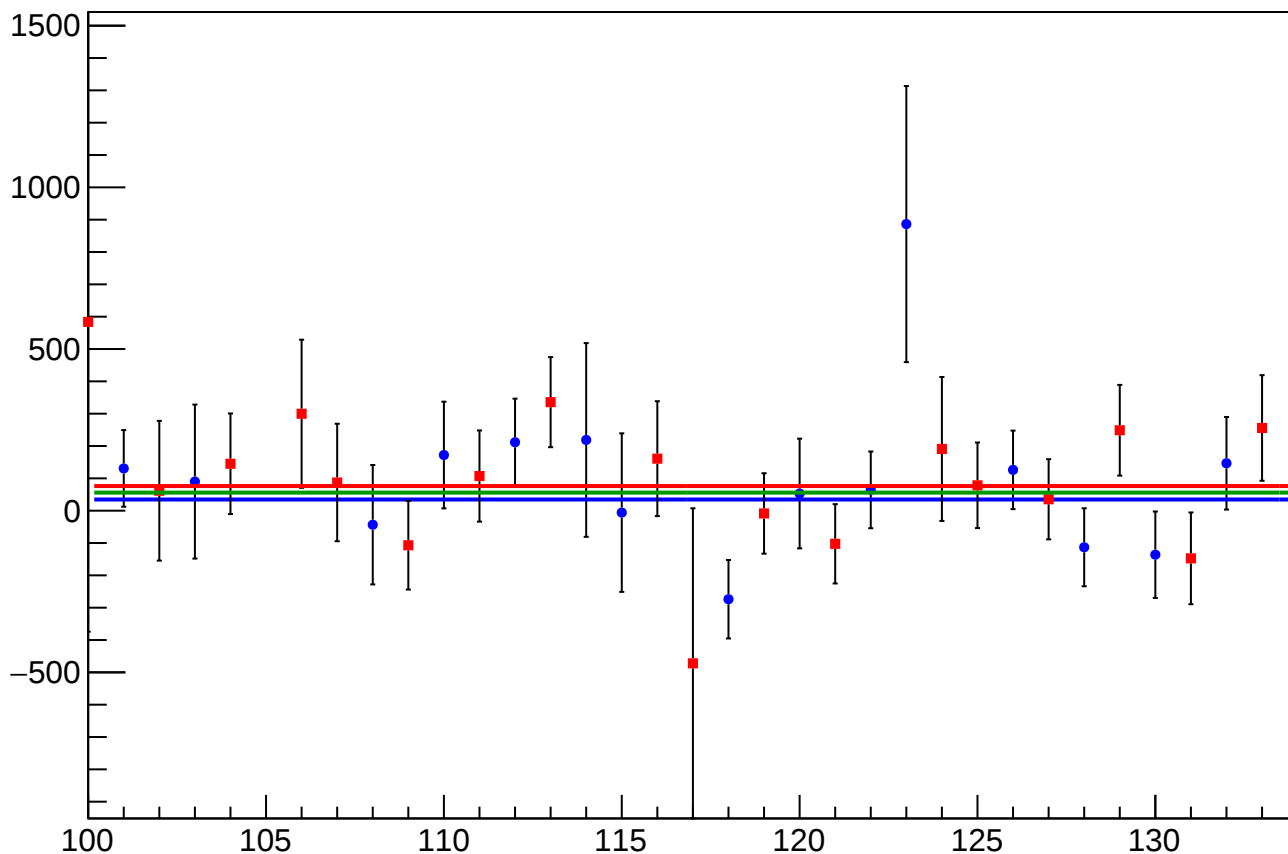
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

538.774+/-0.163 χ^2/NDF : 537491.0/15

537.513+/-0.112 χ^2/NDF : 1151922.0/33

536.397+/-0.153 χ^2/NDF : 614318.0/17

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 34.565+/-38.355 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.189+/-37.380 χ^2/NDF : 16.4/17

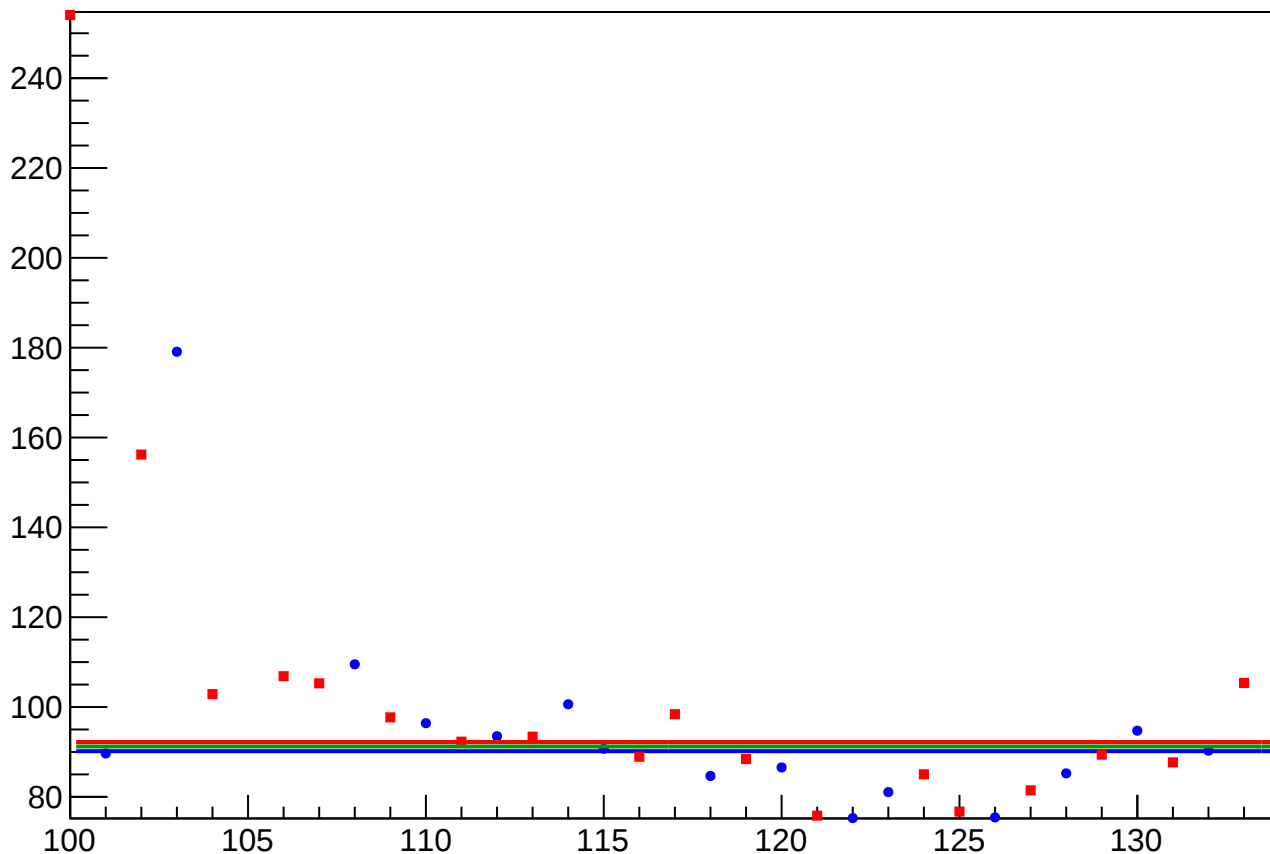
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.565+/-38.355 χ^2/NDF : 18.5/15

55.913+/-26.770 χ^2/NDF : 35.6/33

76.189+/-37.380 χ^2/NDF : 16.4/17

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 90.169+/-0.027 χ^2/NDF : 380137.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.214+/-0.026 χ^2/NDF : 362610.6/17

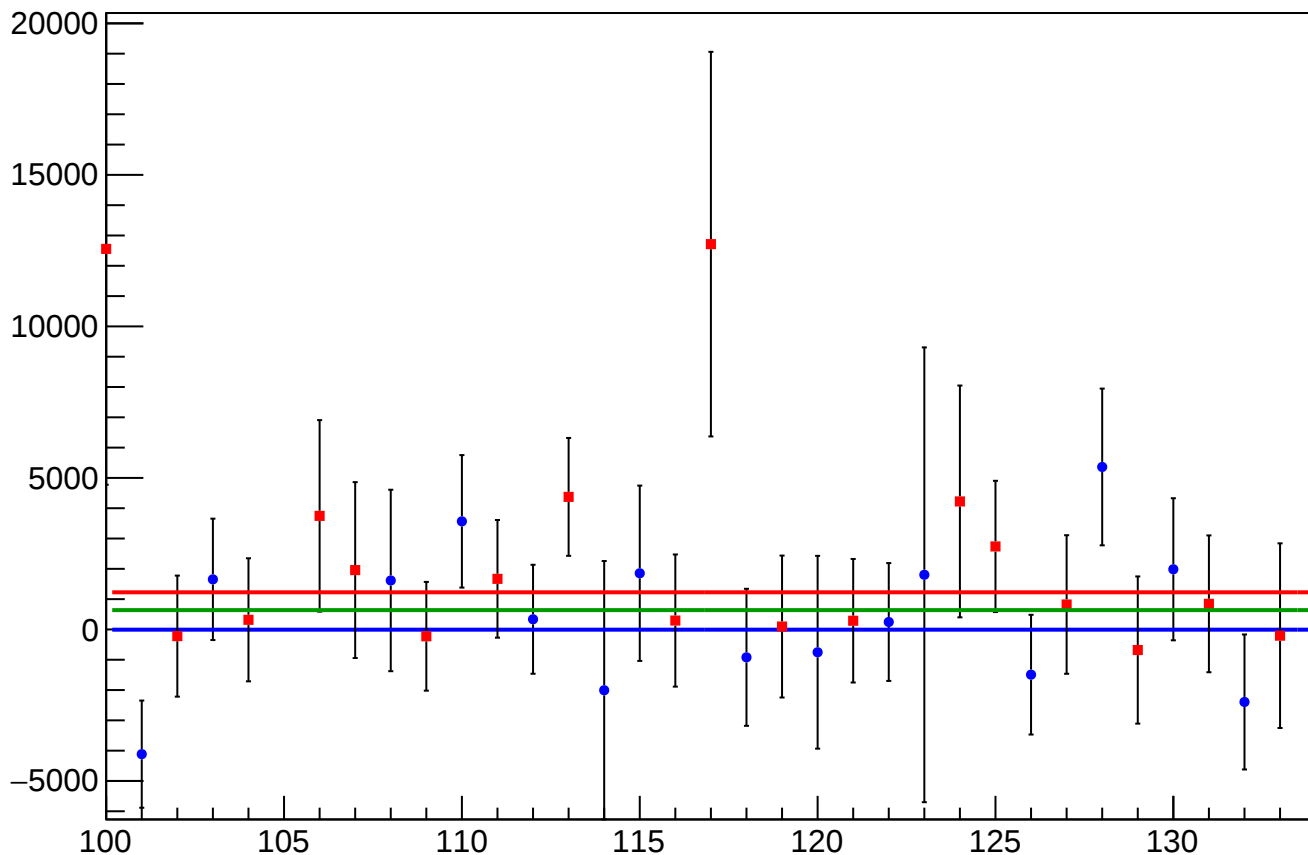
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.169+/-0.027 χ^2/NDF : 380137.6/15

91.218+/-0.019 χ^2/NDF : 745664.6/33

92.214+/-0.026 χ^2/NDF : 362610.6/17

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -7.871 ± 588.214 χ^2/NDF : 17.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1225.540 ± 561.360 χ^2/NDF : 12.8/17

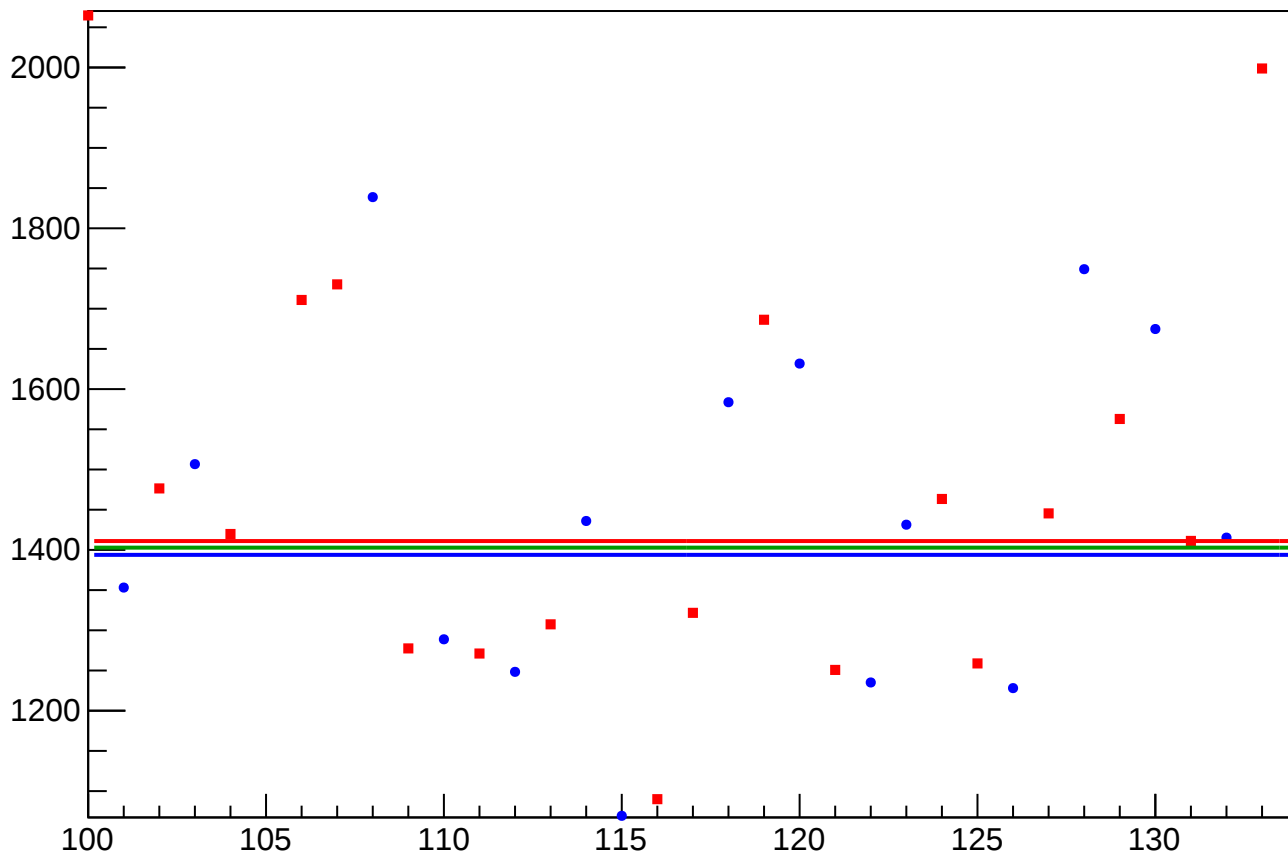
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.871 ± 588.214 χ^2/NDF : 17.8/15

637.631 ± 406.103 χ^2/NDF : 32.9/33

1225.540 ± 561.360 χ^2/NDF : 12.8/17

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1393.839+/-0.416 χ^2/NDF : 243152.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.007+/-0.397 χ^2/NDF : 262337.1/17

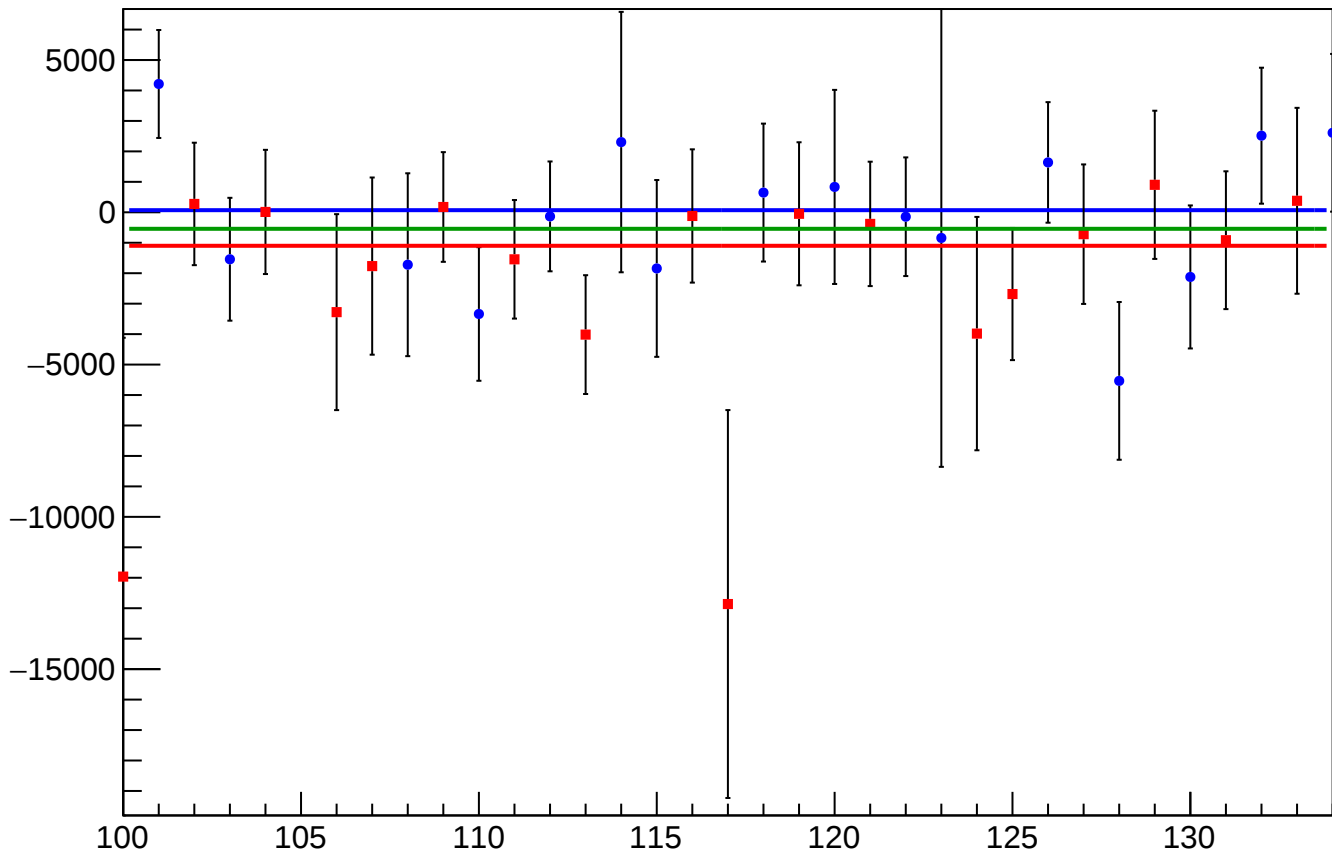
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1393.839+/-0.416 χ^2/NDF : 243152.6/15

1402.824+/-0.287 χ^2/NDF : 506381.3/33

1411.007+/-0.397 χ^2/NDF : 262337.1/17

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 69.625 ± 589.857 $\chi^2/\text{NDF}: 18.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1099.605 ± 563.285 $\chi^2/\text{NDF}: 12.0/17$

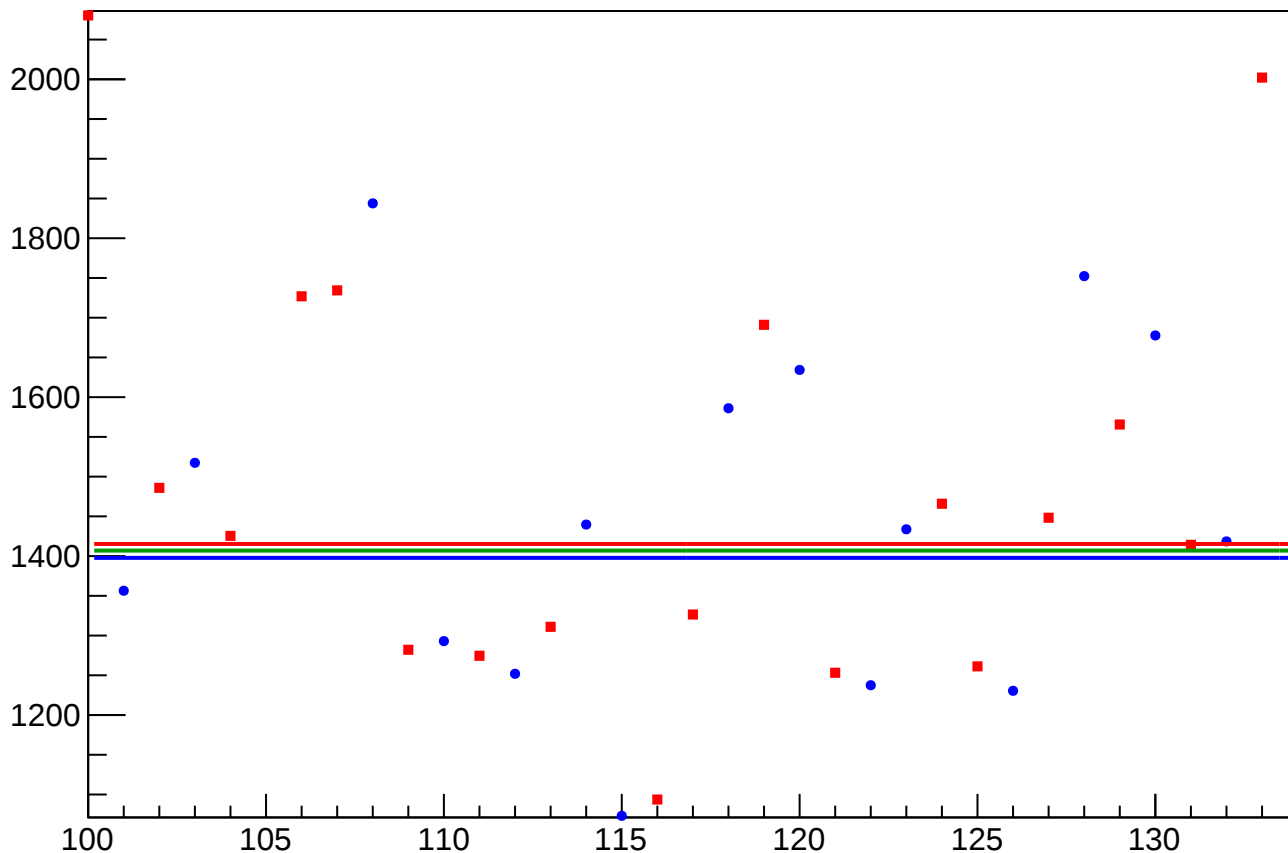
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

69.625 ± 589.857 $\chi^2/\text{NDF}: 18.1/15$

-541.918 ± 407.373 $\chi^2/\text{NDF}: 32.1/33$

-1099.605 ± 563.285 $\chi^2/\text{NDF}: 12.0/17$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1397.792+/-0.417 χ^2 /NDF: 242659.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1415.251+/-0.398 χ^2 /NDF: 263056.1/17

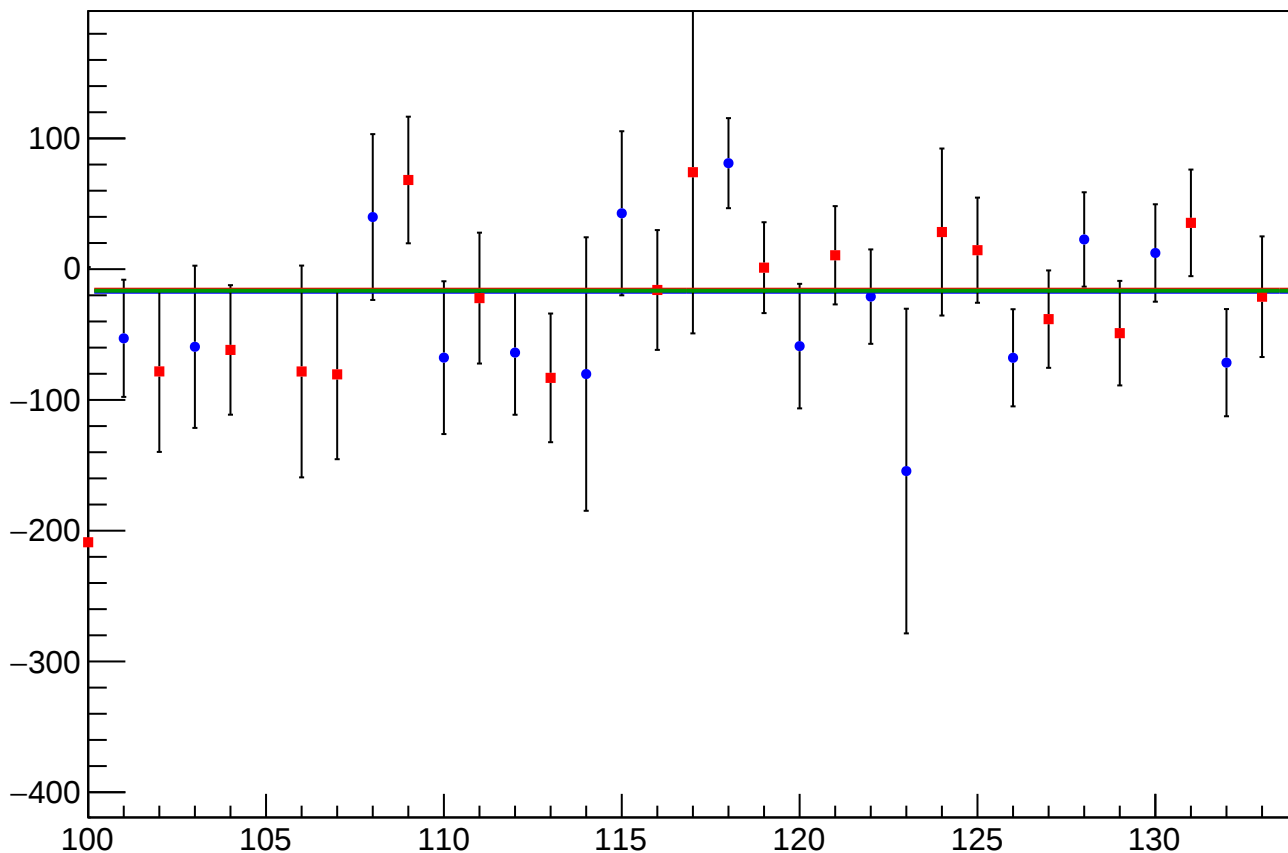
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1397.792+/-0.417 χ^2 /NDF: 242659.0/15

1406.924+/-0.288 χ^2 /NDF: 506631.5/33

1415.251+/-0.398 χ^2 /NDF: 263056.1/17

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -17.263 ± 11.703 χ^2/NDF : 20.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.706 ± 11.408 χ^2/NDF : 14.2/17

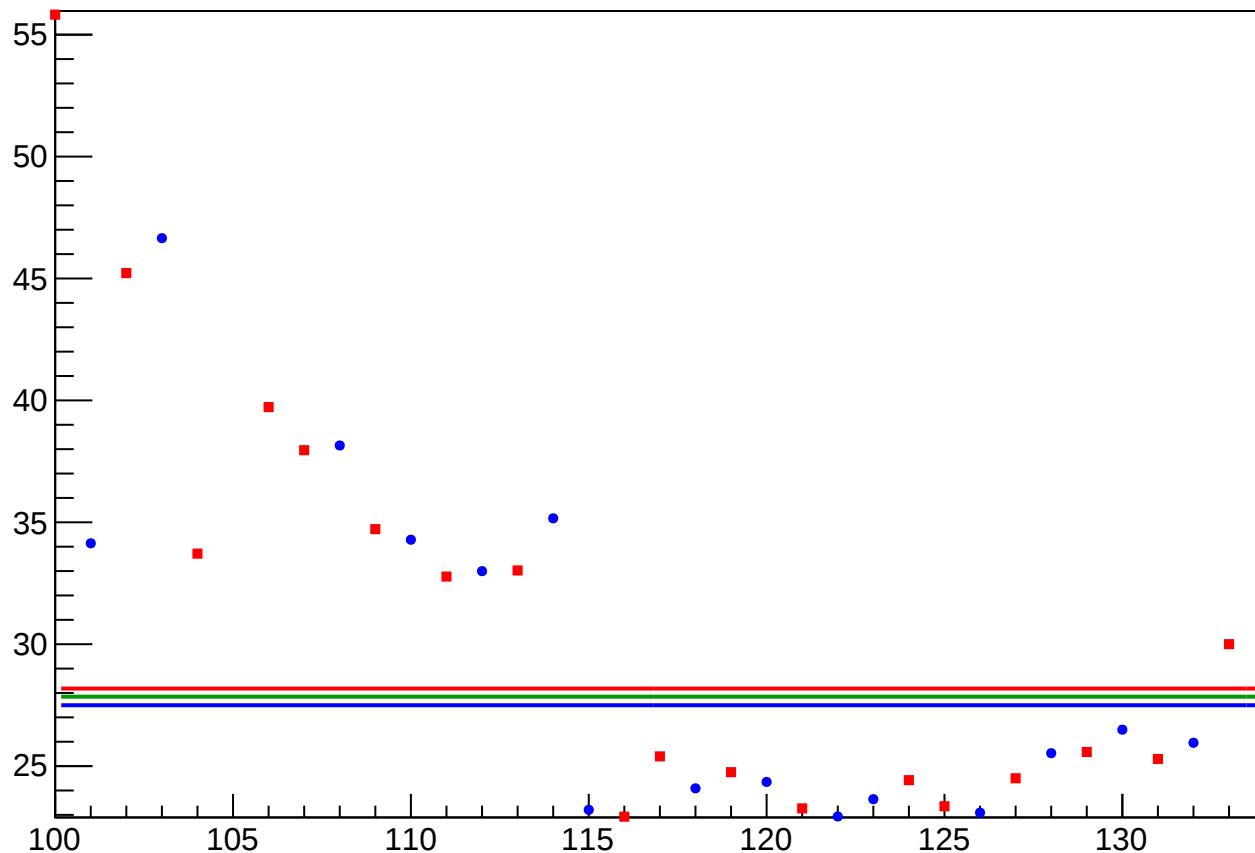
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-17.263 ± 11.703 χ^2/NDF : 20.6/15

-16.465 ± 8.169 χ^2/NDF : 34.7/33

-15.706 ± 11.408 χ^2/NDF : 14.2/17

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.497+/-0.008 χ^2/NDF : 468212.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.182+/-0.008 χ^2/NDF : 529421.1/17

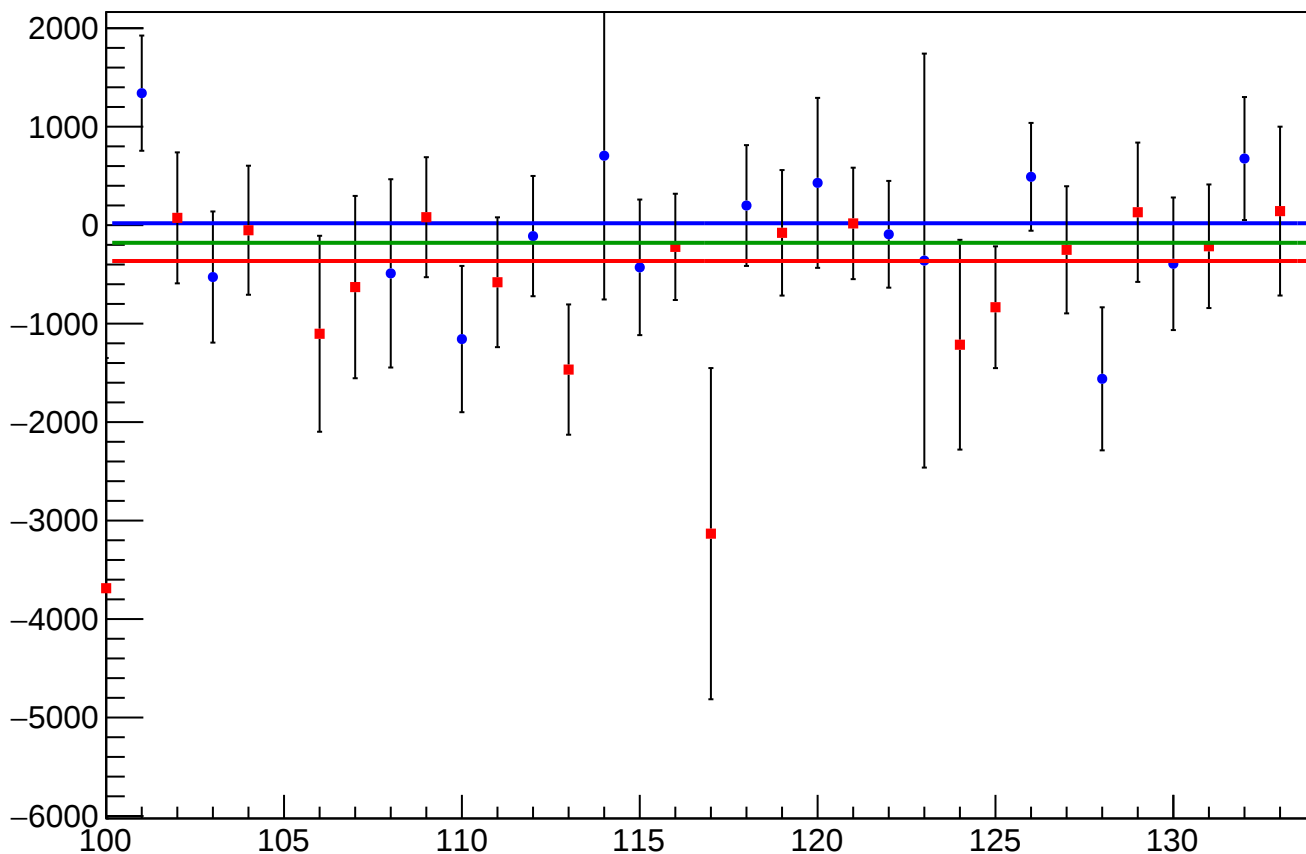
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.497+/-0.008 χ^2/NDF : 468212.7/15

27.848+/-0.006 χ^2/NDF : 1001144.0/33

28.182+/-0.008 χ^2/NDF : 529421.1/17

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 19.324+/-174.312 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -364.006+/-168.074 χ^2/NDF : 12.3/17

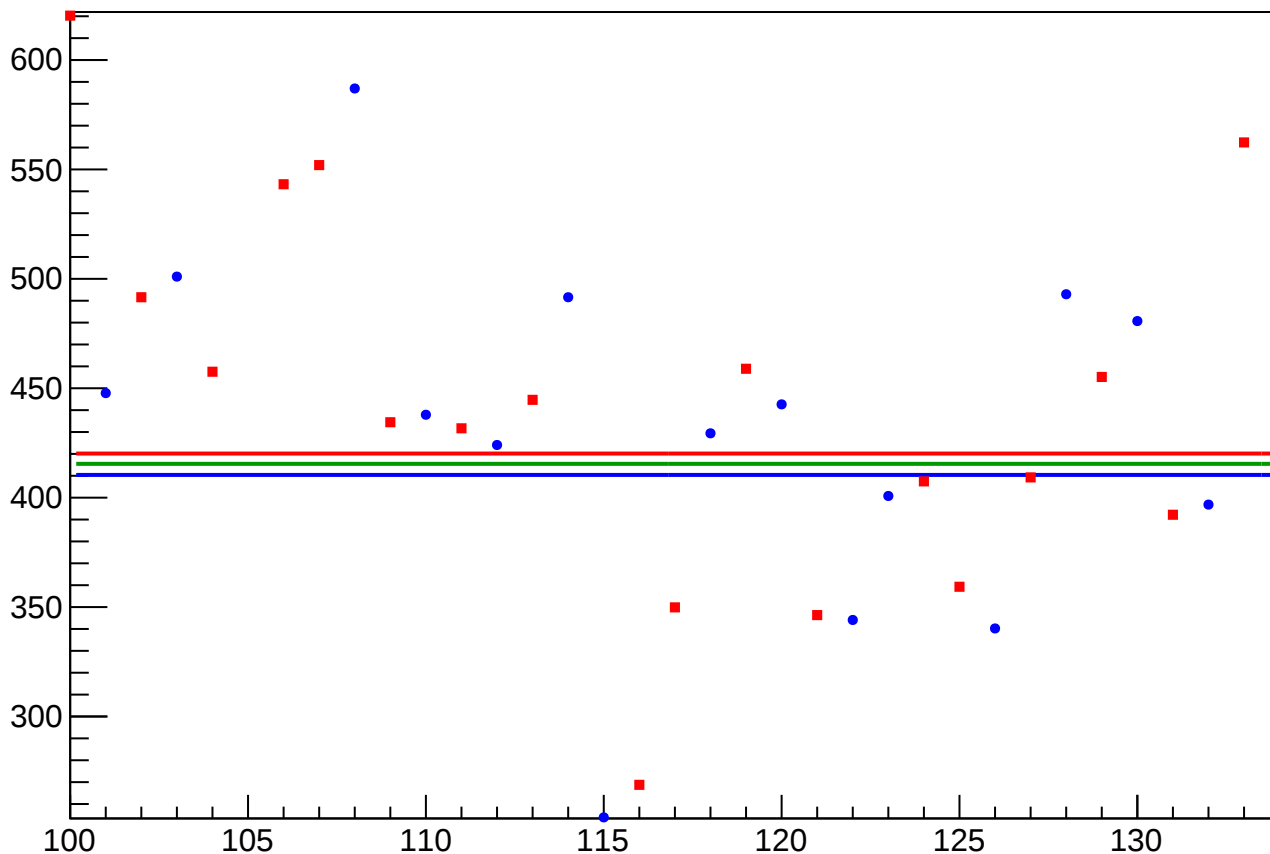
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.324+/-174.312 χ^2/NDF : 17.2/15

-179.323+/-120.991 χ^2/NDF : 32.1/33

-364.006+/-168.074 χ^2/NDF : 12.3/17

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 410.394+/-0.123 χ^2/NDF : 388536.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.164+/-0.119 χ^2/NDF : 406378.4/17

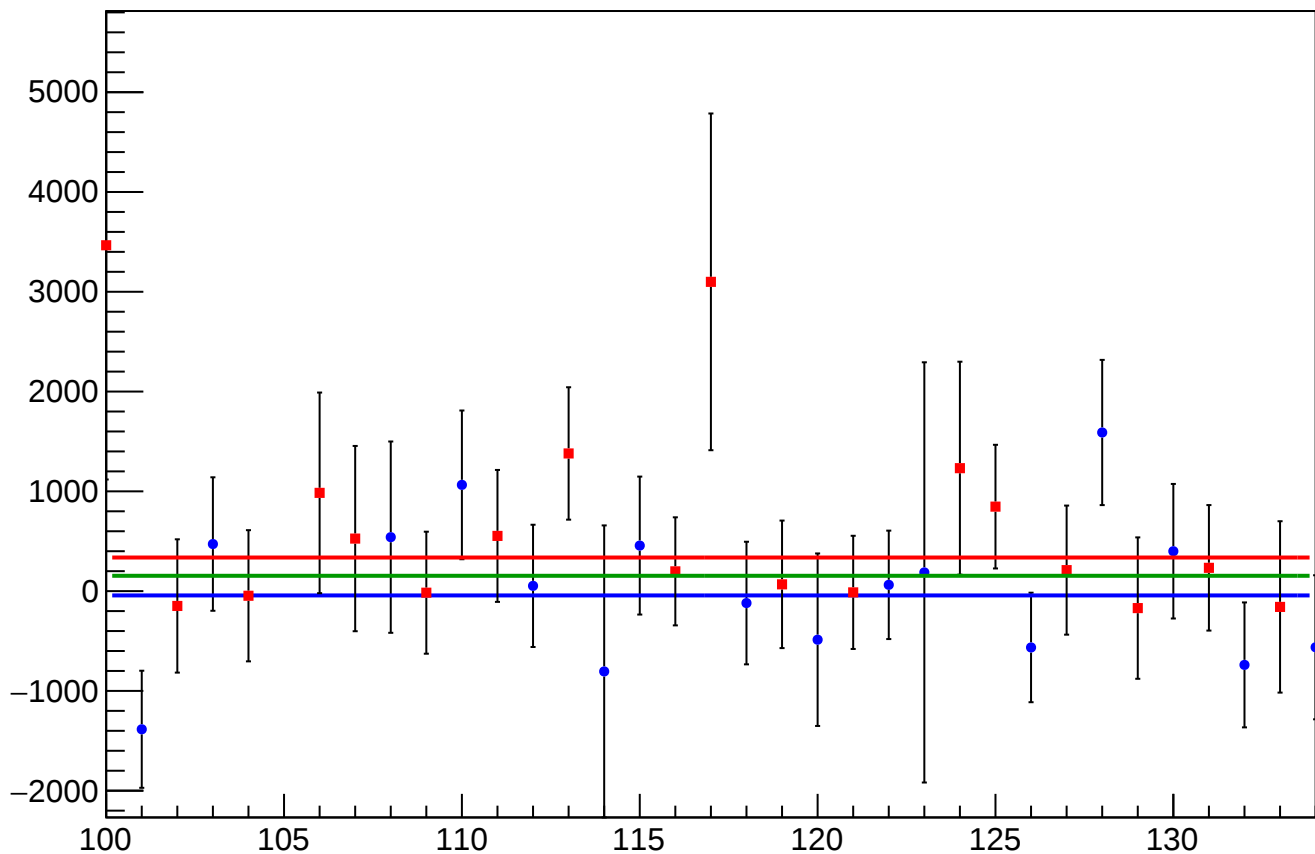
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

410.394+/-0.123 χ^2/NDF : 388536.2/15

415.457+/-0.086 χ^2/NDF : 798170.8/33

420.164+/-0.119 χ^2/NDF : 406378.4/17

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -43.124+/-174.779 χ^2/NDF : 17.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.813+/-168.574 χ^2/NDF : 11.6/17

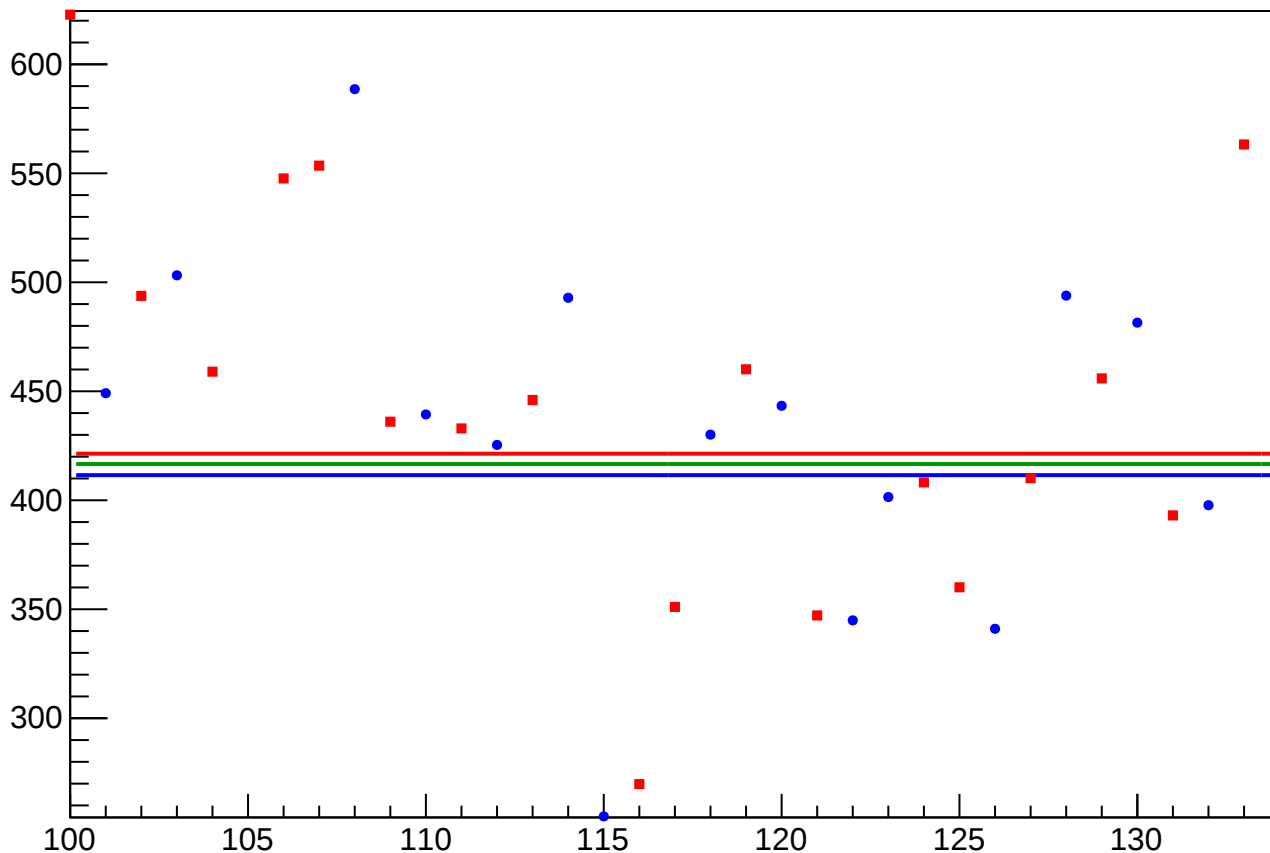
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.124+/-174.779 χ^2/NDF : 17.7/15

153.709+/-121.334 χ^2/NDF : 31.7/33

336.813+/-168.574 χ^2/NDF : 11.6/17

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 411.521+/-0.124 χ^2/NDF : 387678.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.367+/-0.119 χ^2/NDF : 407010.2/17

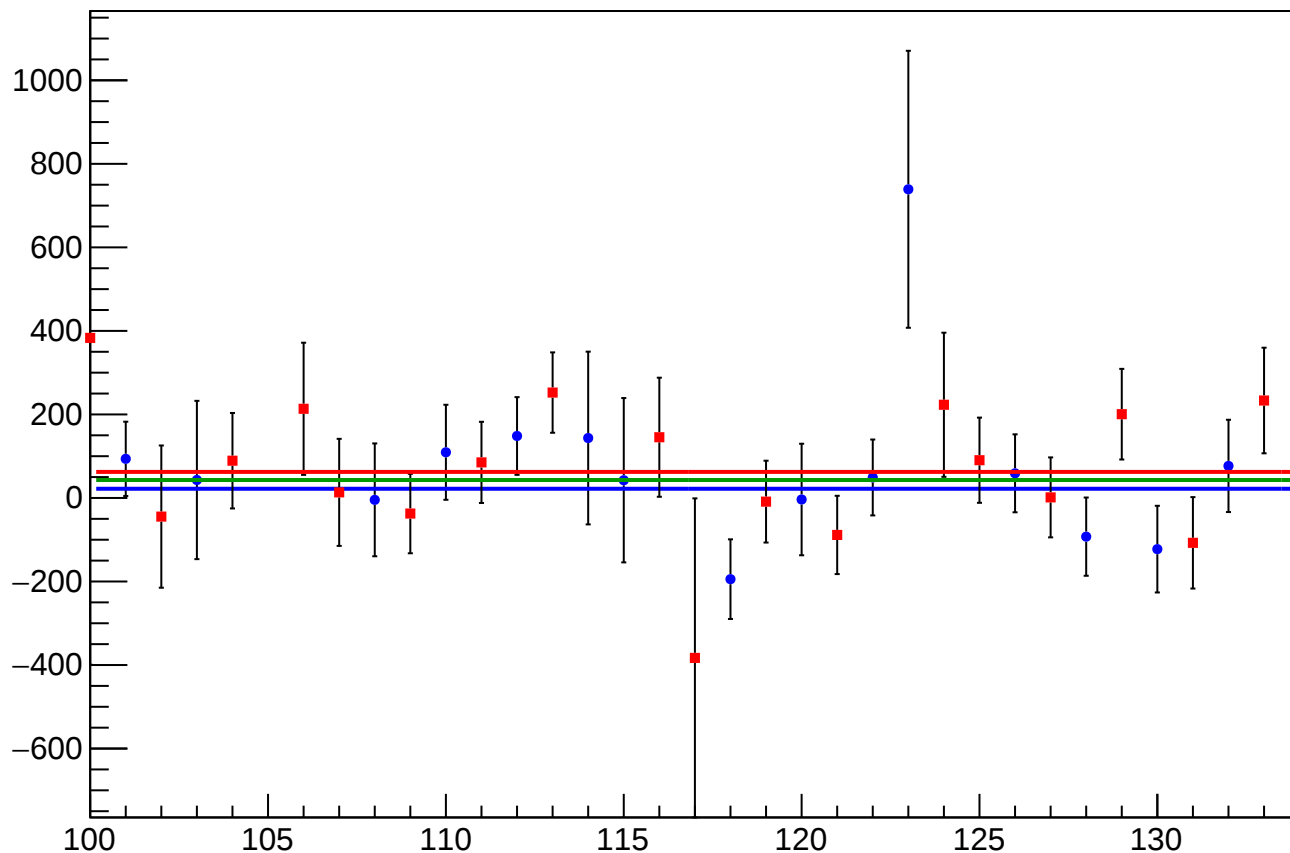
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

411.521+/-0.124 χ^2/NDF : 387678.6/15

416.622+/-0.086 χ^2/NDF : 797976.9/33

421.367+/-0.119 χ^2/NDF : 407010.2/17

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 22.027 $\pm$ 29.033 χ^2 /NDF: 17.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.386 $\pm$ 27.932 χ^2 /NDF: 18.8/17

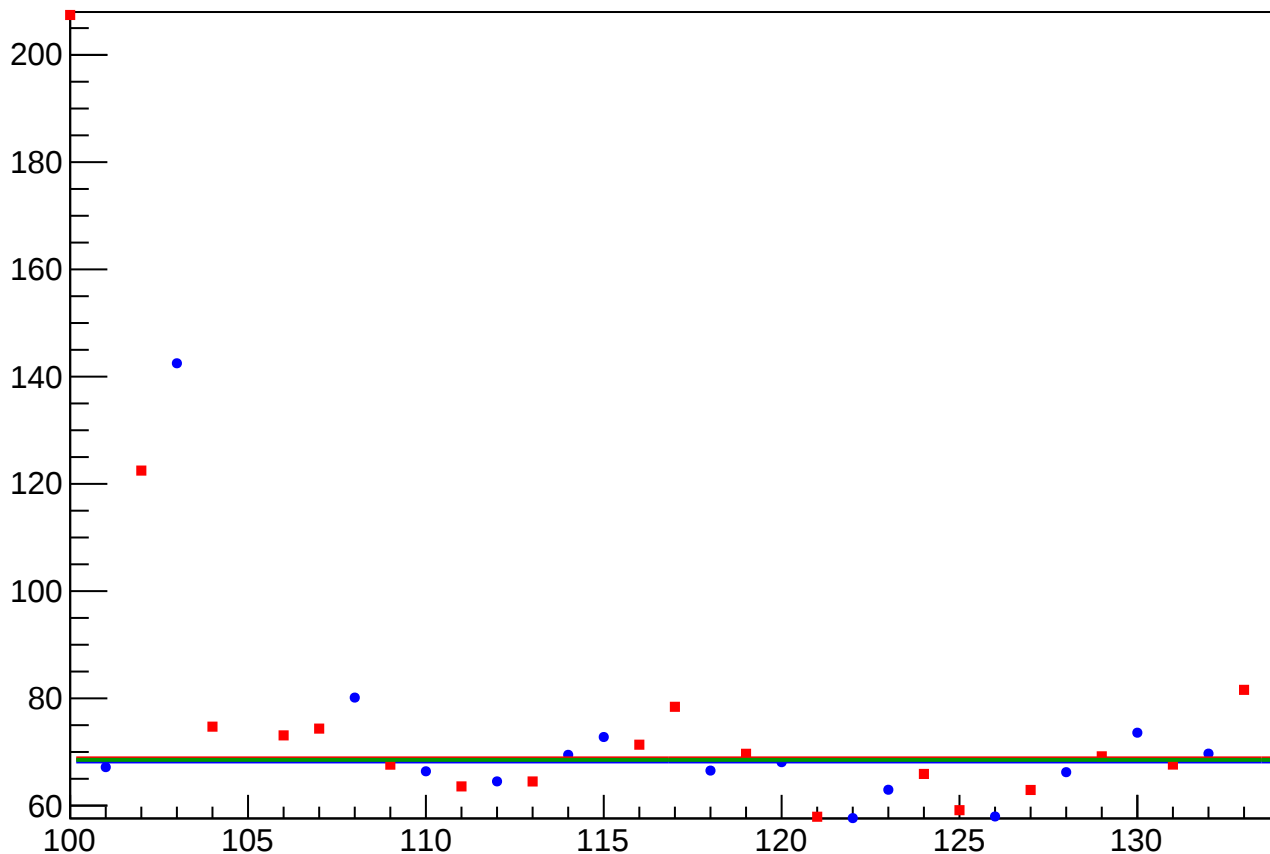
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.027 $\pm$ 29.033 χ^2 /NDF: 17.3/15

42.986 $\pm$ 20.129 χ^2 /NDF: 37.0/33

62.386 $\pm$ 27.932 χ^2 /NDF: 18.8/17

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 68.235 $\pm$ 0.021 χ^2 /NDF: 388074.1/15

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

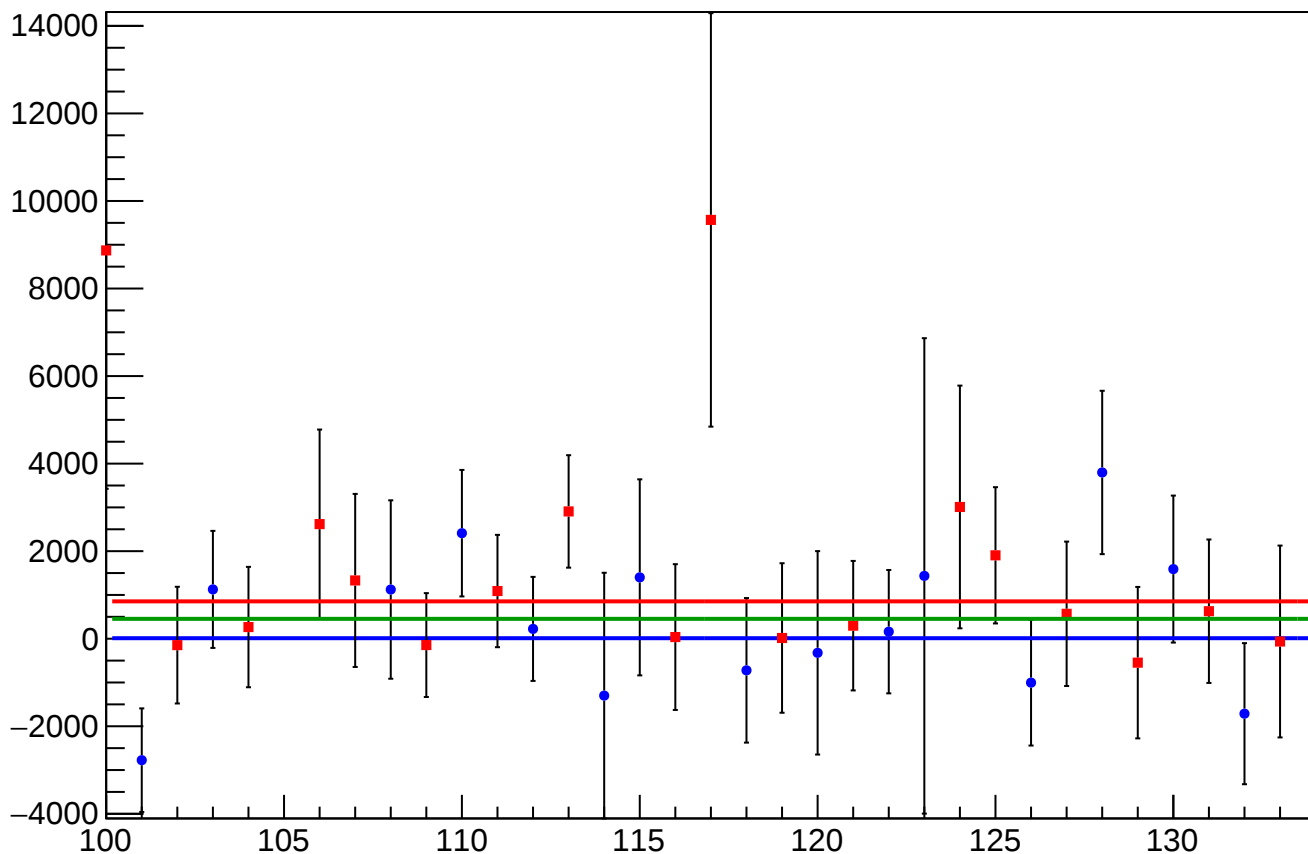
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

68.235 $\pm$ 0.021 χ^2 /NDF: 388074.1/15

68.532 $\pm$ 0.014 χ^2 /NDF: 746409.2/33

68.807 $\pm$ 0.020 χ^2 /NDF: 357931.1/17

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 11.567+/-411.214 χ^2/NDF : 18.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.292+/-390.721 χ^2/NDF : 12.9/17

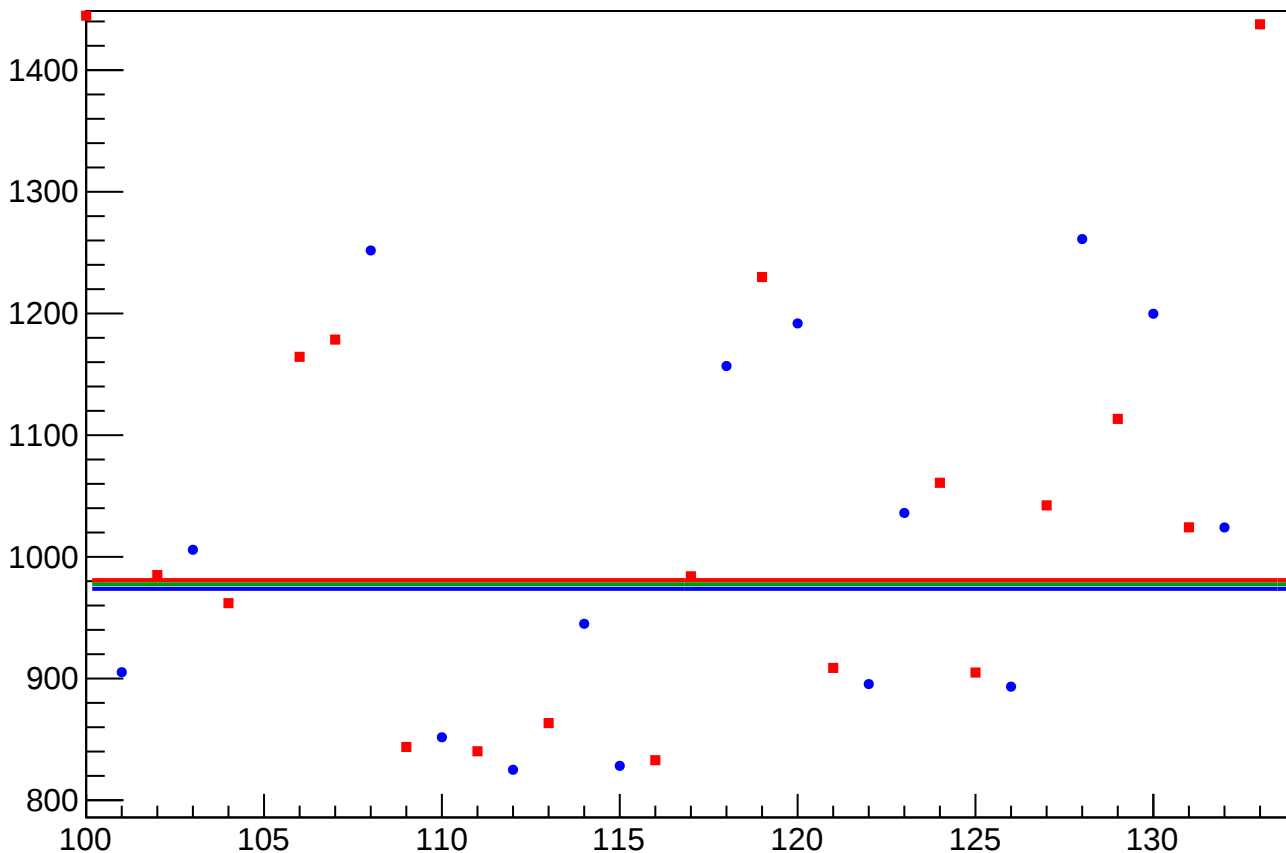
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.567+/-411.214 χ^2/NDF : 18.1/15

453.925+/-283.249 χ^2/NDF : 33.2/33

853.292+/-390.721 χ^2/NDF : 12.9/17

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 973.708+/-0.291 χ^2/NDF : 259733.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.914+/-0.276 χ^2/NDF : 289148.0/17

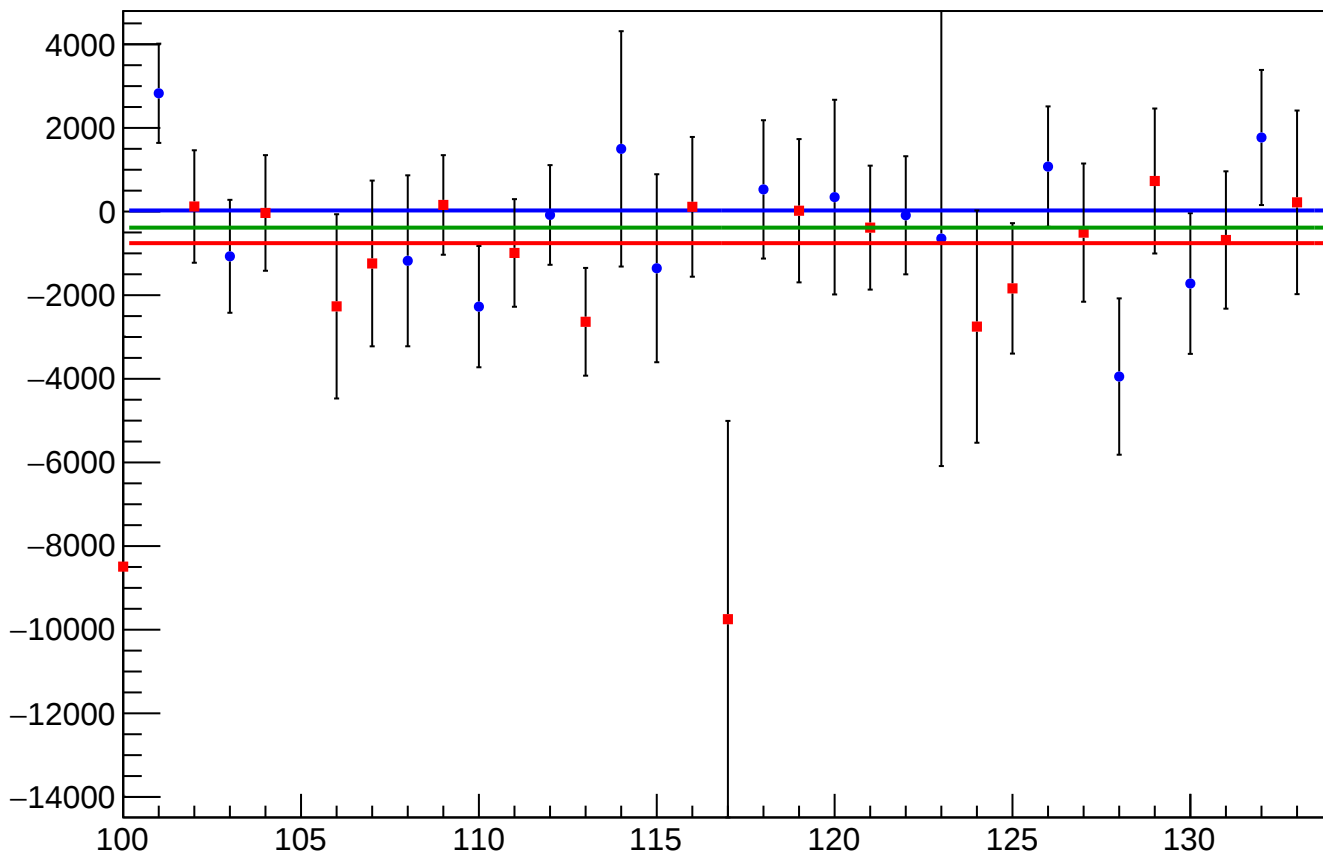
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

973.708+/-0.291 χ^2/NDF : 259733.2/15

977.495+/-0.200 χ^2/NDF : 549204.0/33

980.914+/-0.276 χ^2/NDF : 289148.0/17

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 26.080+/-412.625 χ^2 /NDF: 18.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -755.708+/-392.338 χ^2 /NDF: 12.0/17

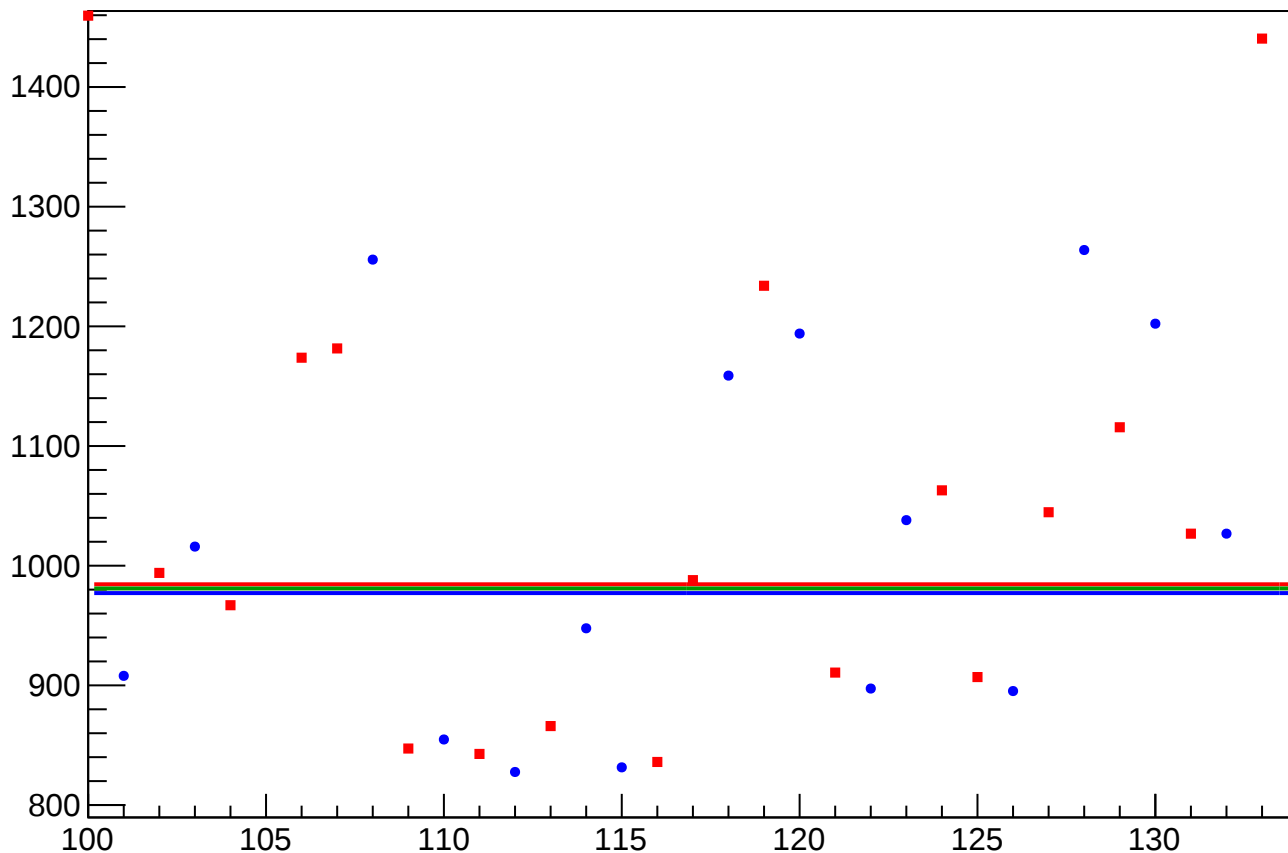
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

26.080+/-412.625 χ^2 /NDF: 18.3/15

-384.504+/-284.326 χ^2 /NDF: 32.3/33

-755.708+/-392.338 χ^2 /NDF: 12.0/17

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 977.113+/-0.292 χ^2/NDF : 258791.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.450+/-0.277 χ^2/NDF : 288999.0/17

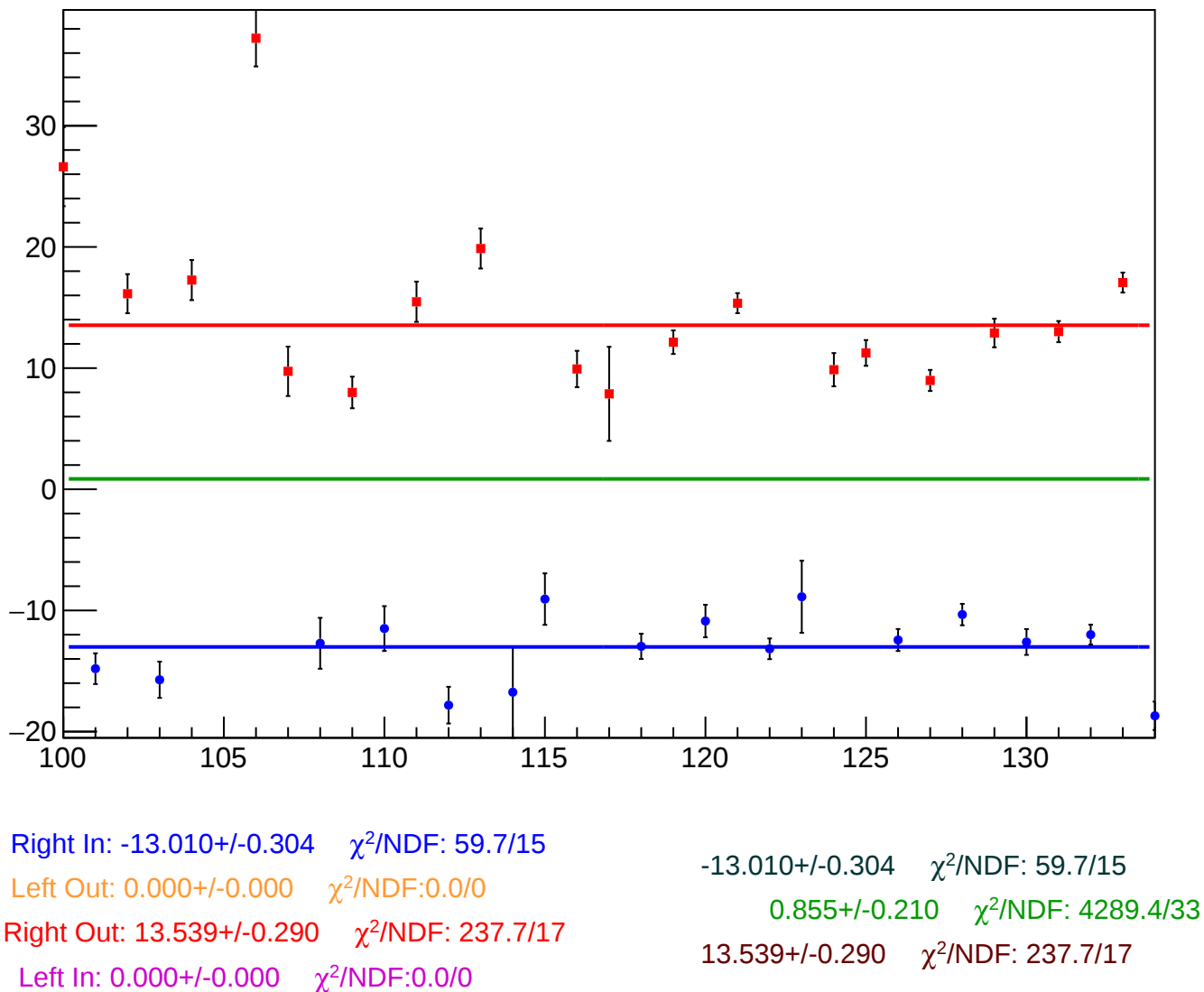
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

977.113+/-0.292 χ^2/NDF : 258791.7/15

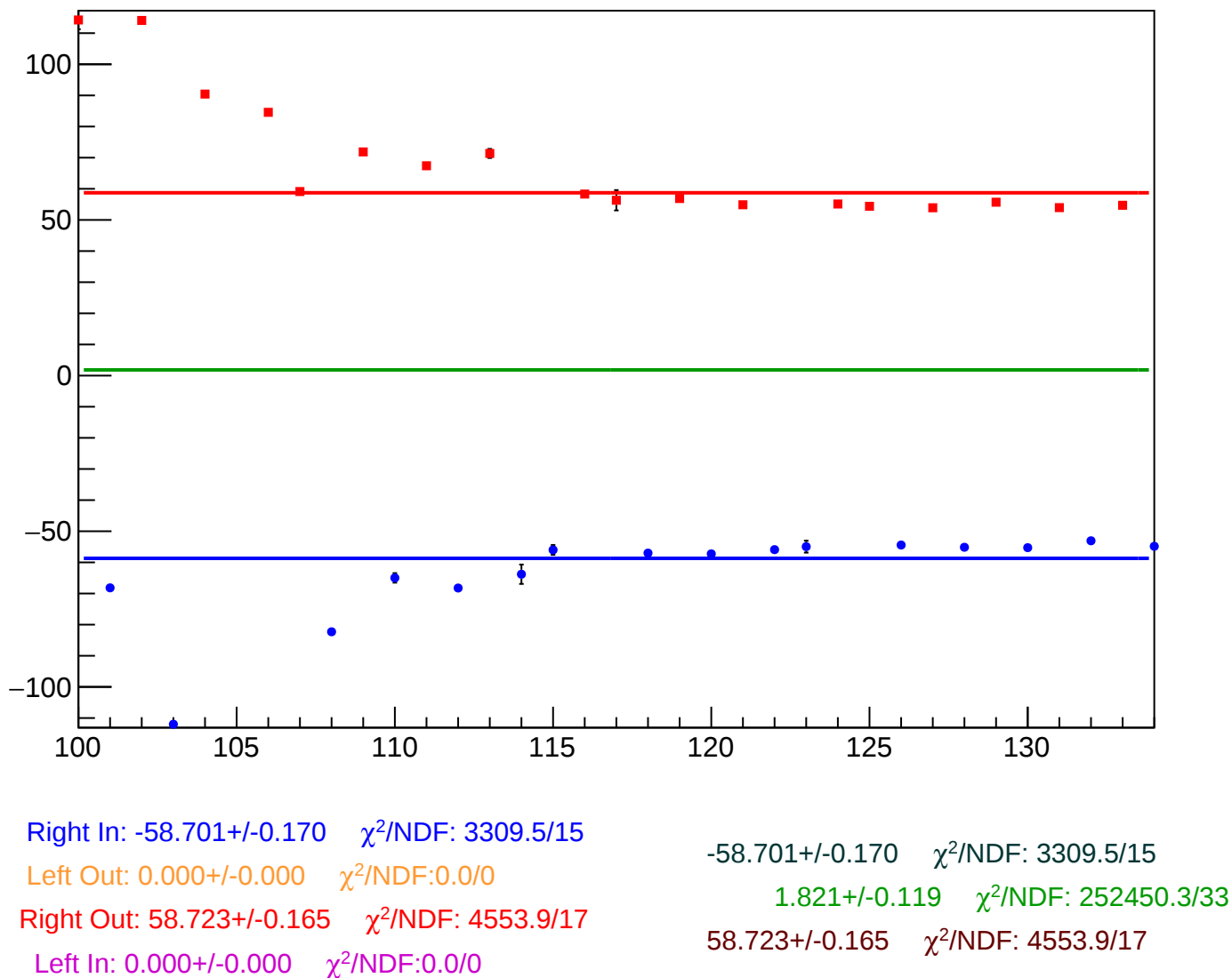
980.967+/-0.201 χ^2/NDF : 548122.9/33

984.450+/-0.277 χ^2/NDF : 288999.0/17

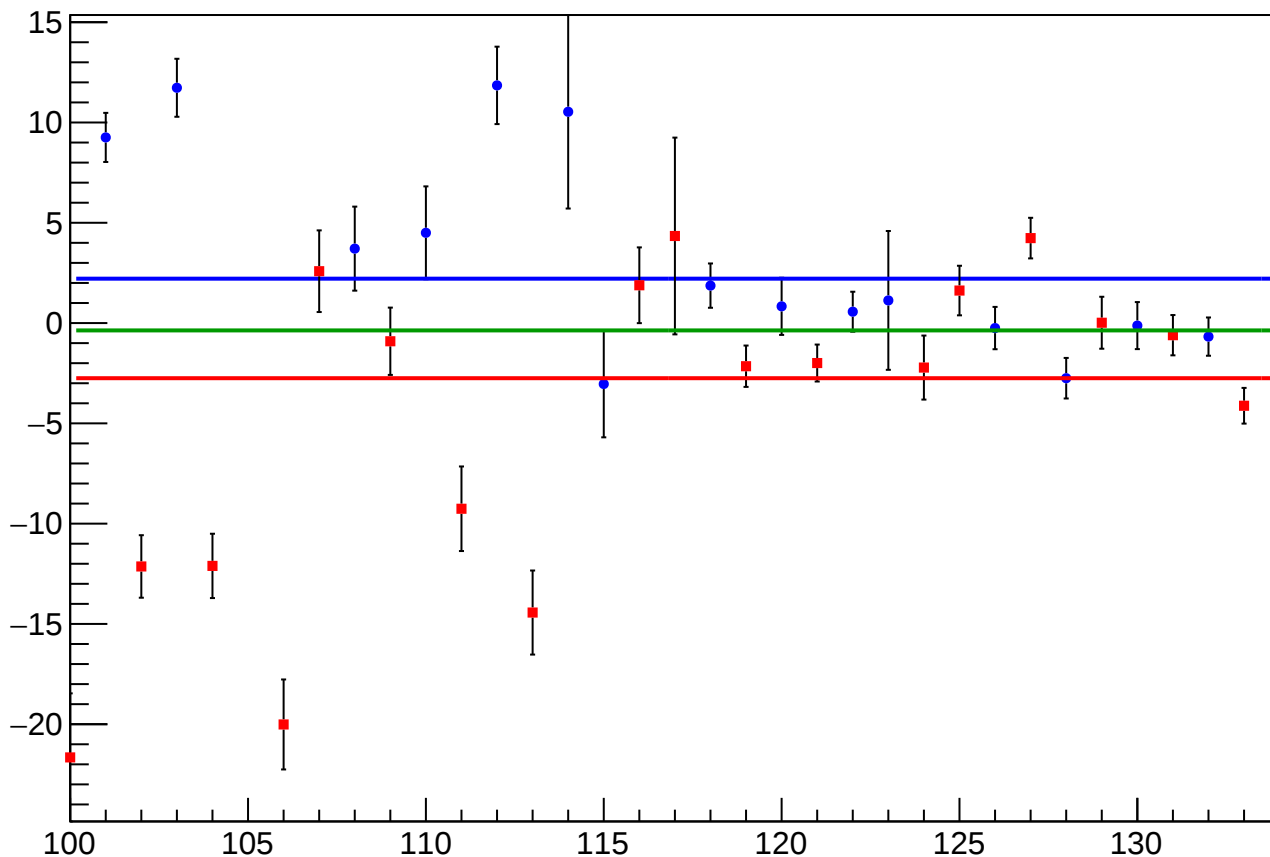
reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.213+/-0.338 χ^2/NDF : 165.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.749+/-0.325 χ^2/NDF : 294.1/17

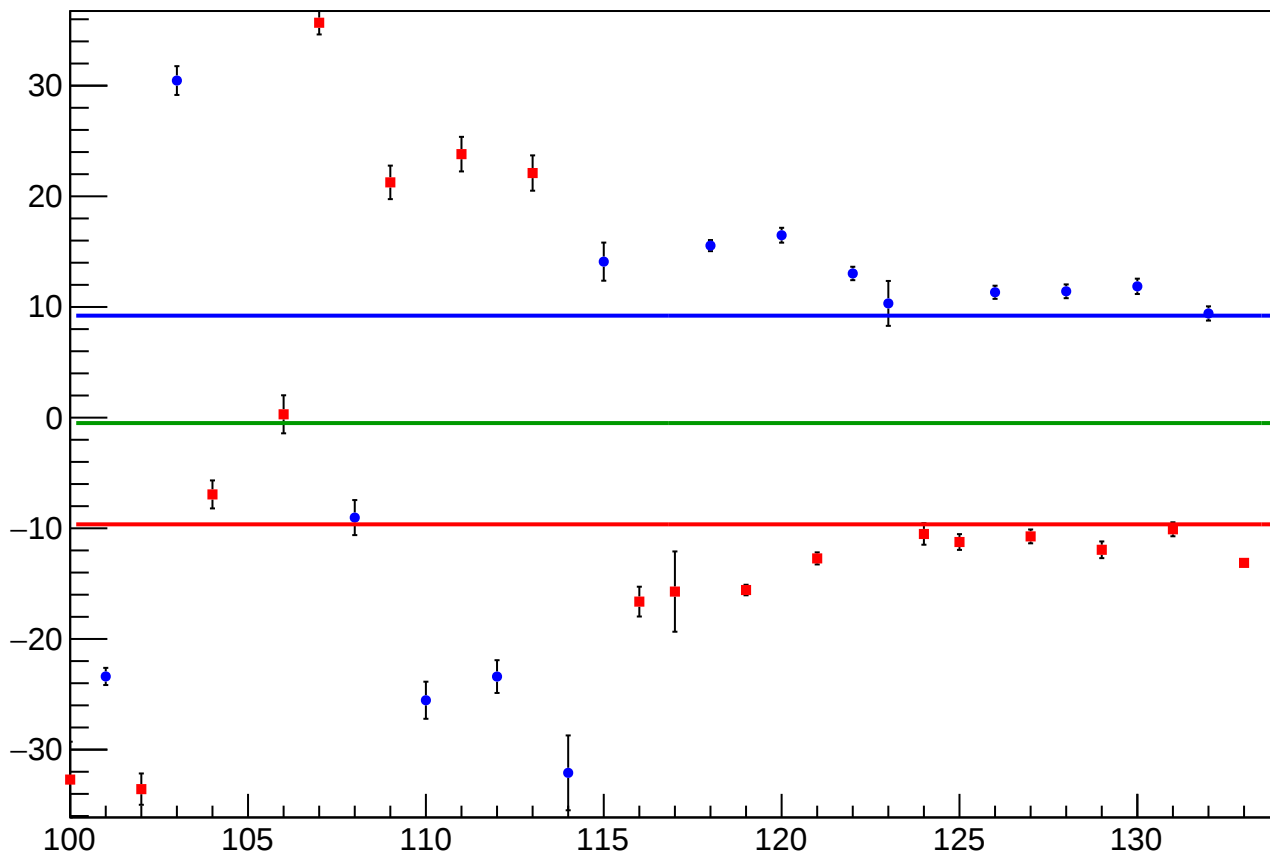
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.213+/-0.338 χ^2/NDF : 165.9/15

-0.366+/-0.234 χ^2/NDF : 571.9/33

-2.749+/-0.325 χ^2/NDF : 294.1/17

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.217 $\pm$ 0.197 χ^2 /NDF: 3621.5/15

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

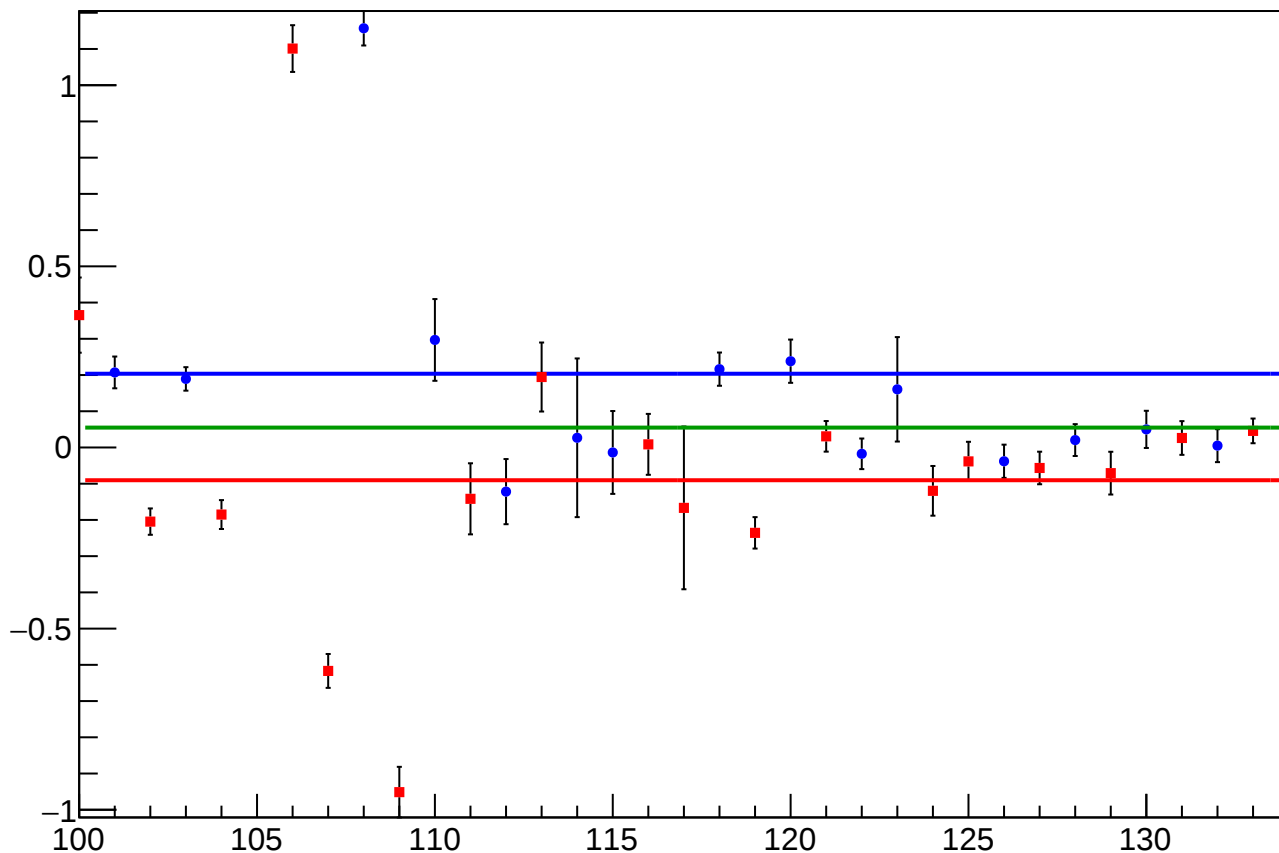
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.217 $\pm$ 0.197 χ^2 /NDF: 3621.5/15

-0.491 $\pm$ 0.138 χ^2 /NDF: 12086.1/33

-9.642 $\pm$ 0.192 χ^2 /NDF: 3770.9/17

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.204 $\pm$ 0.013 χ^2 /NDF: 536.1/15

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

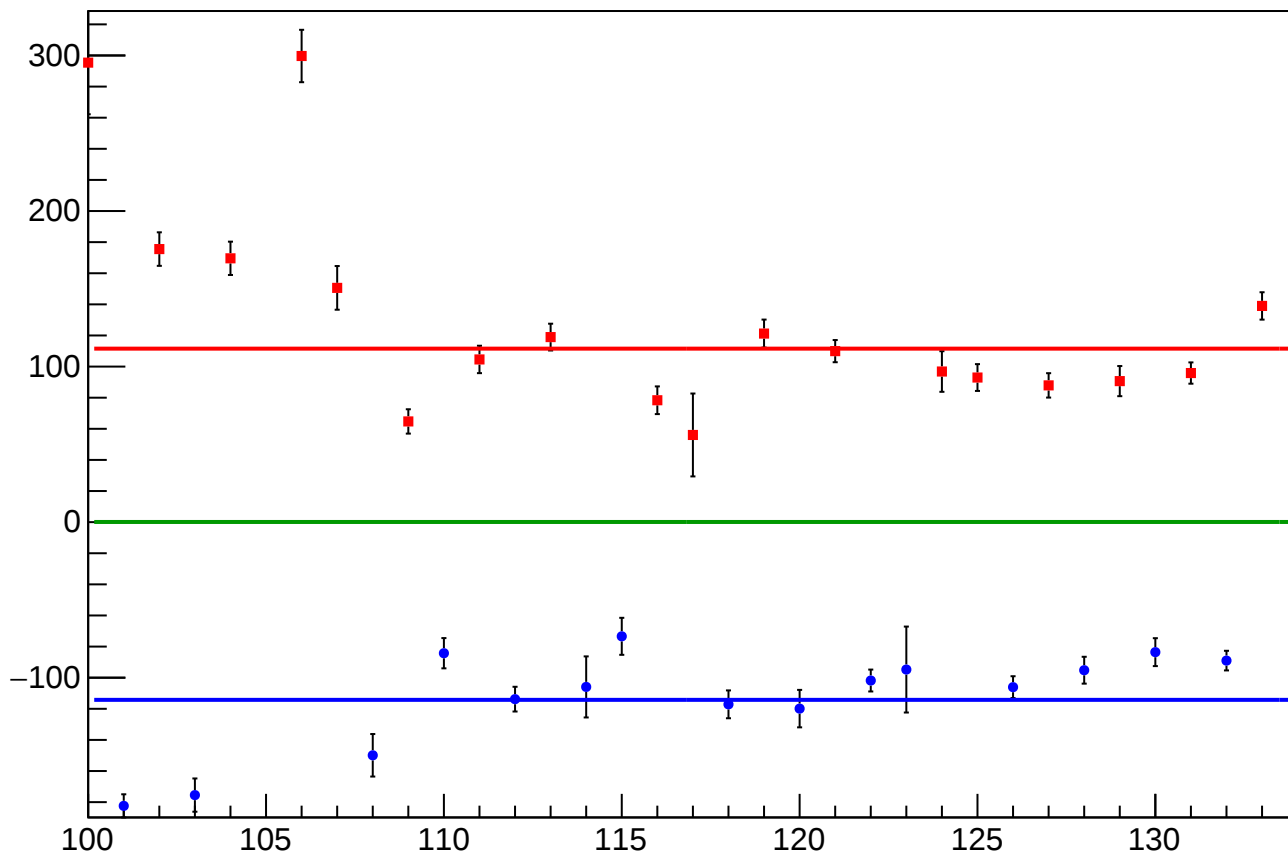
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.204 $\pm$ 0.013 χ^2 /NDF: 536.1/15

0.055 $\pm$ 0.009 χ^2 /NDF: 1522.5/33

-0.090 $\pm$ 0.012 χ^2 /NDF: 708.6/17

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -114.244 ± 2.287 $\chi^2/\text{NDF}: 192.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 111.536 ± 2.258 $\chi^2/\text{NDF}: 319.1/17$

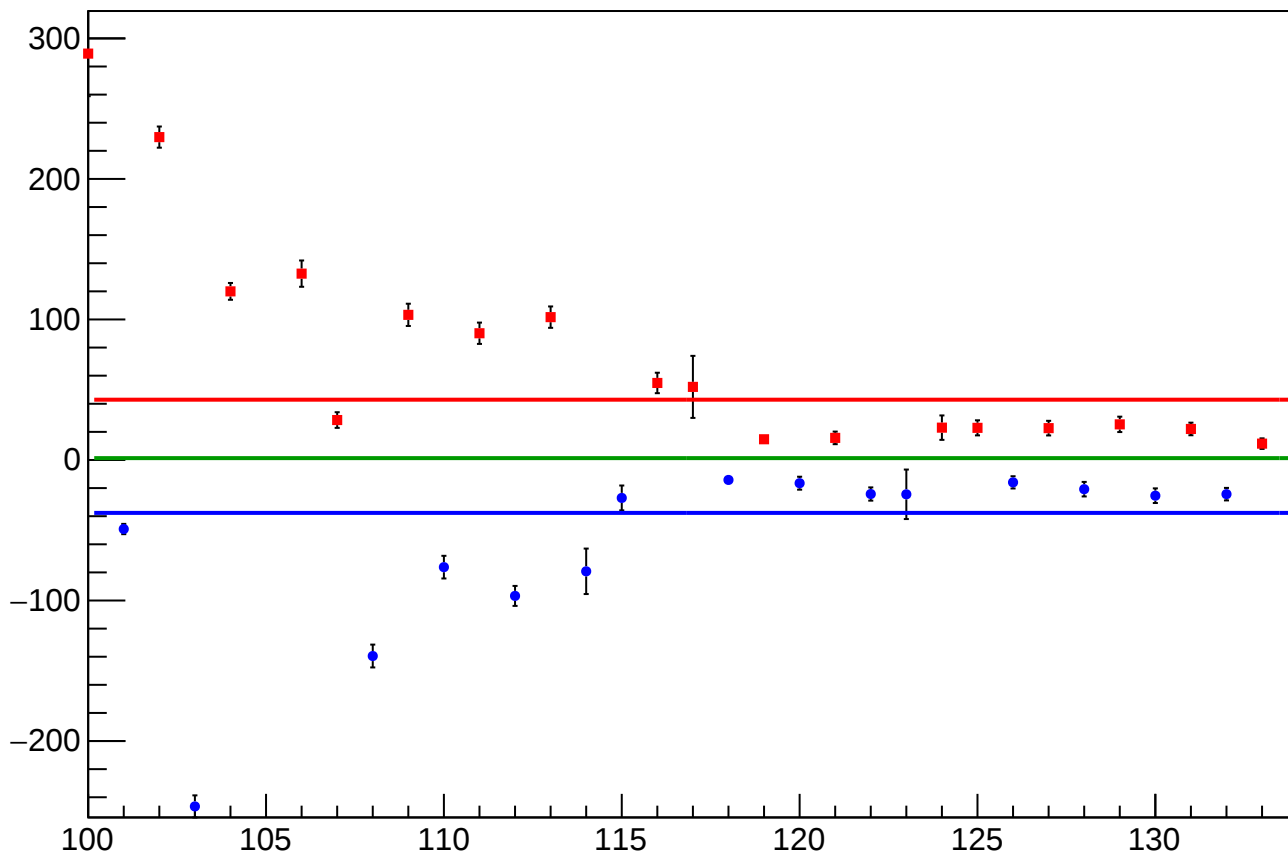
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-114.244 ± 2.287 $\chi^2/\text{NDF}: 192.0/15$

0.110 ± 1.607 $\chi^2/\text{NDF}: 5445.5/33$

111.536 ± 2.258 $\chi^2/\text{NDF}: 319.1/17$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.647 ± 1.322 χ^2/NDF : 1118.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.908 ± 1.366 χ^2/NDF : 1345.5/17

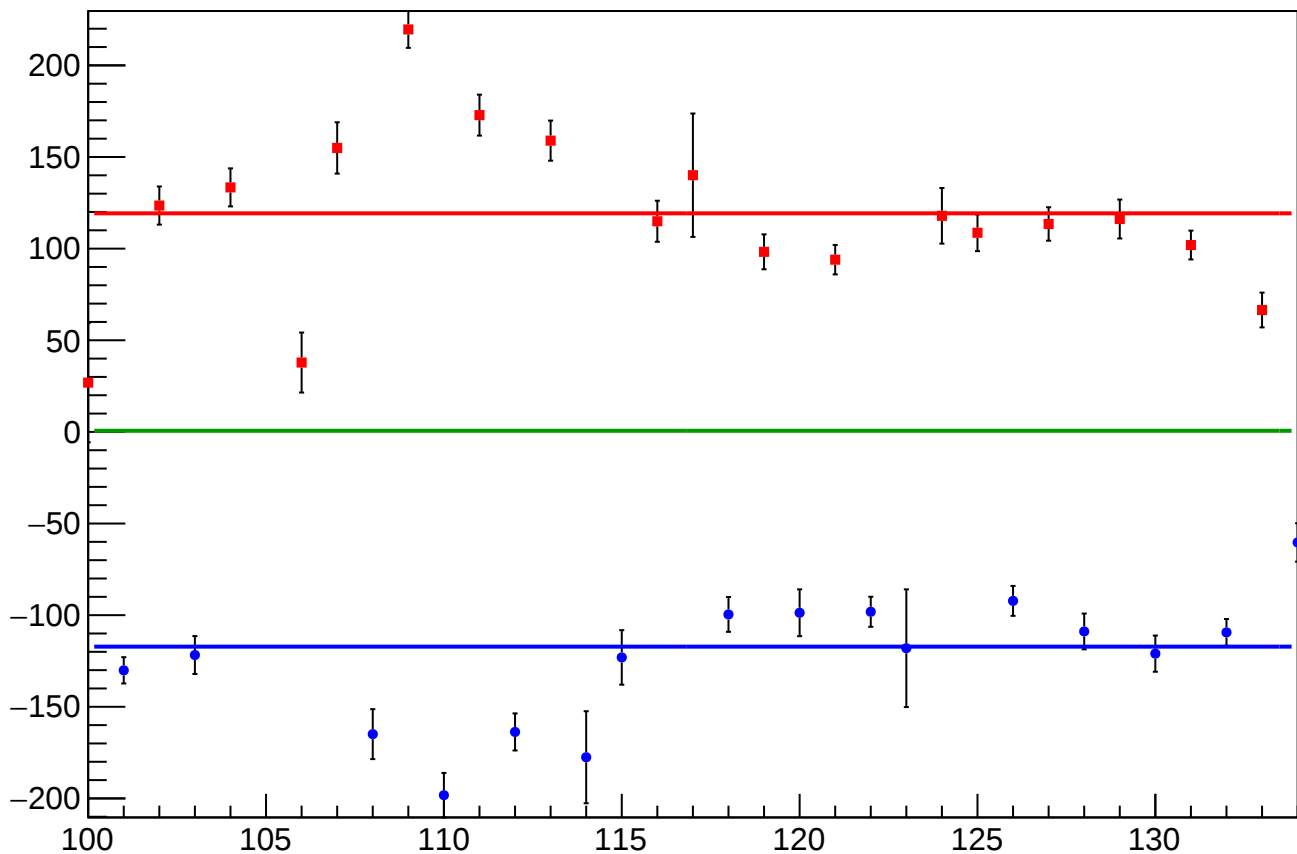
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-37.647 ± 1.322 χ^2/NDF : 1118.6/15

1.325 ± 0.950 χ^2/NDF : 4260.5/33

42.908 ± 1.366 χ^2/NDF : 1345.5/17

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -117.174 ± 2.553 $\chi^2/\text{NDF}: 139.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 119.265 ± 2.562 $\chi^2/\text{NDF}: 229.7/17$

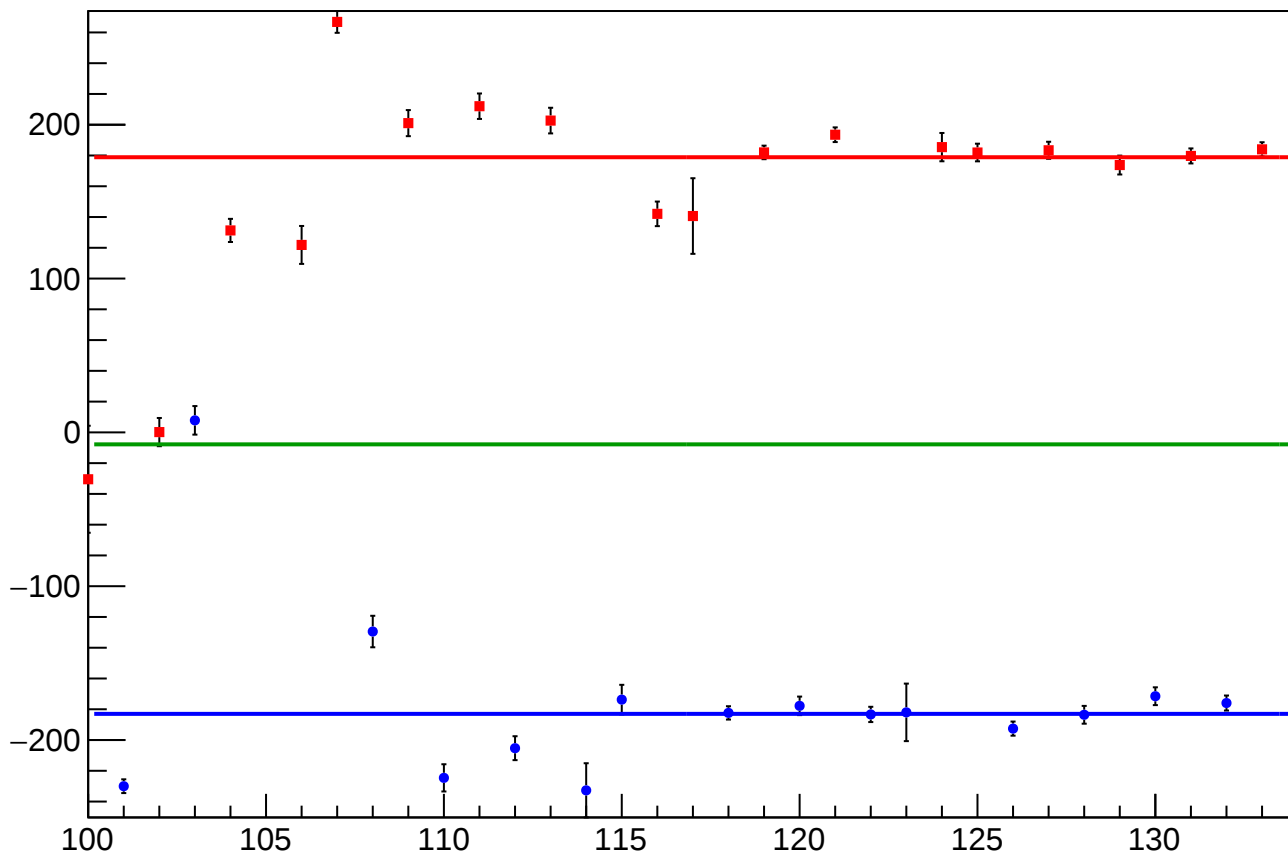
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-117.174 ± 2.553 $\chi^2/\text{NDF}: 139.0/15$

0.609 ± 1.808 $\chi^2/\text{NDF}: 4643.0/33$

119.265 ± 2.562 $\chi^2/\text{NDF}: 229.7/17$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -182.992 ± 1.527 χ^2/NDF : 612.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 178.868 ± 1.576 χ^2/NDF : 699.0/17

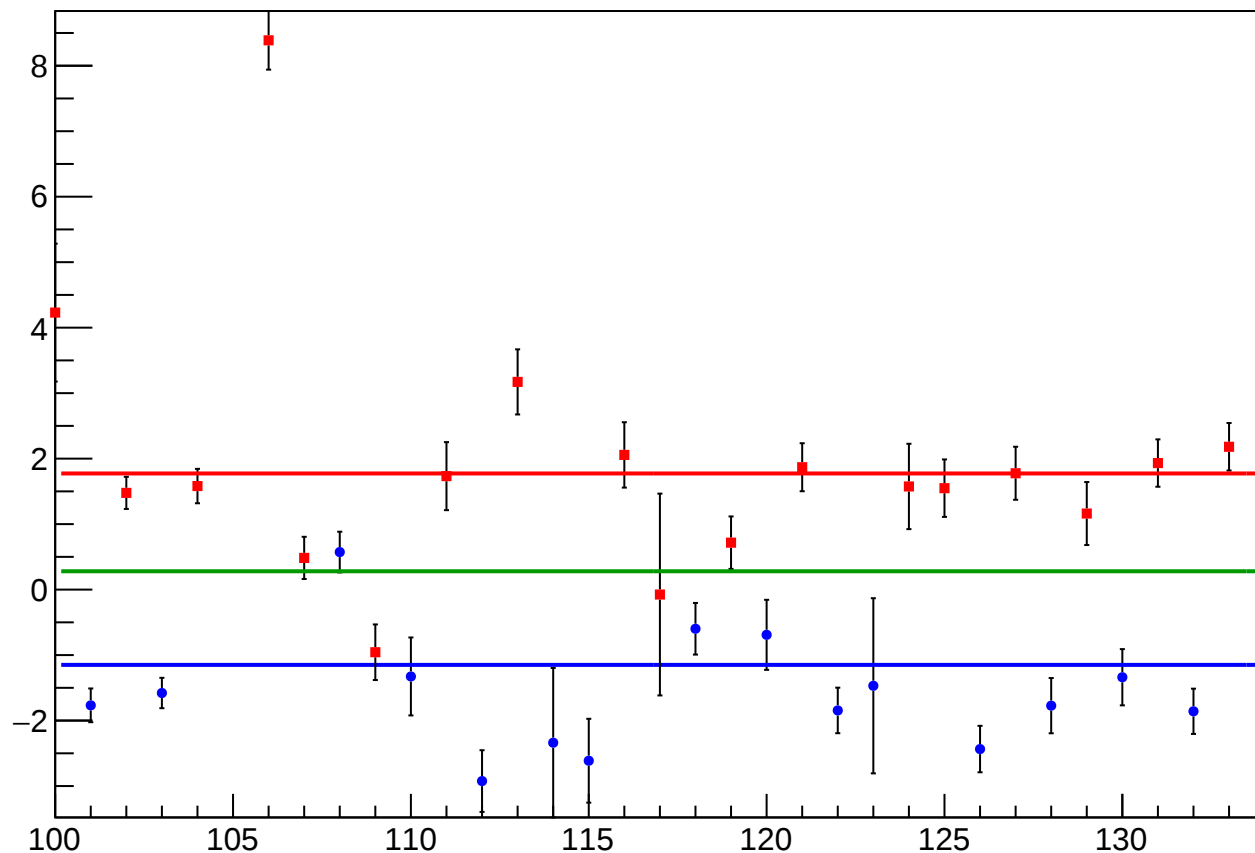
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-182.992 ± 1.527 χ^2/NDF : 612.5/15

-7.787 ± 1.096 χ^2/NDF : 28515.0/33

178.868 ± 1.576 χ^2/NDF : 699.0/17

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.150 ± 0.093 $\chi^2/\text{NDF}: 161.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.774 ± 0.095 $\chi^2/\text{NDF}: 303.3/17$

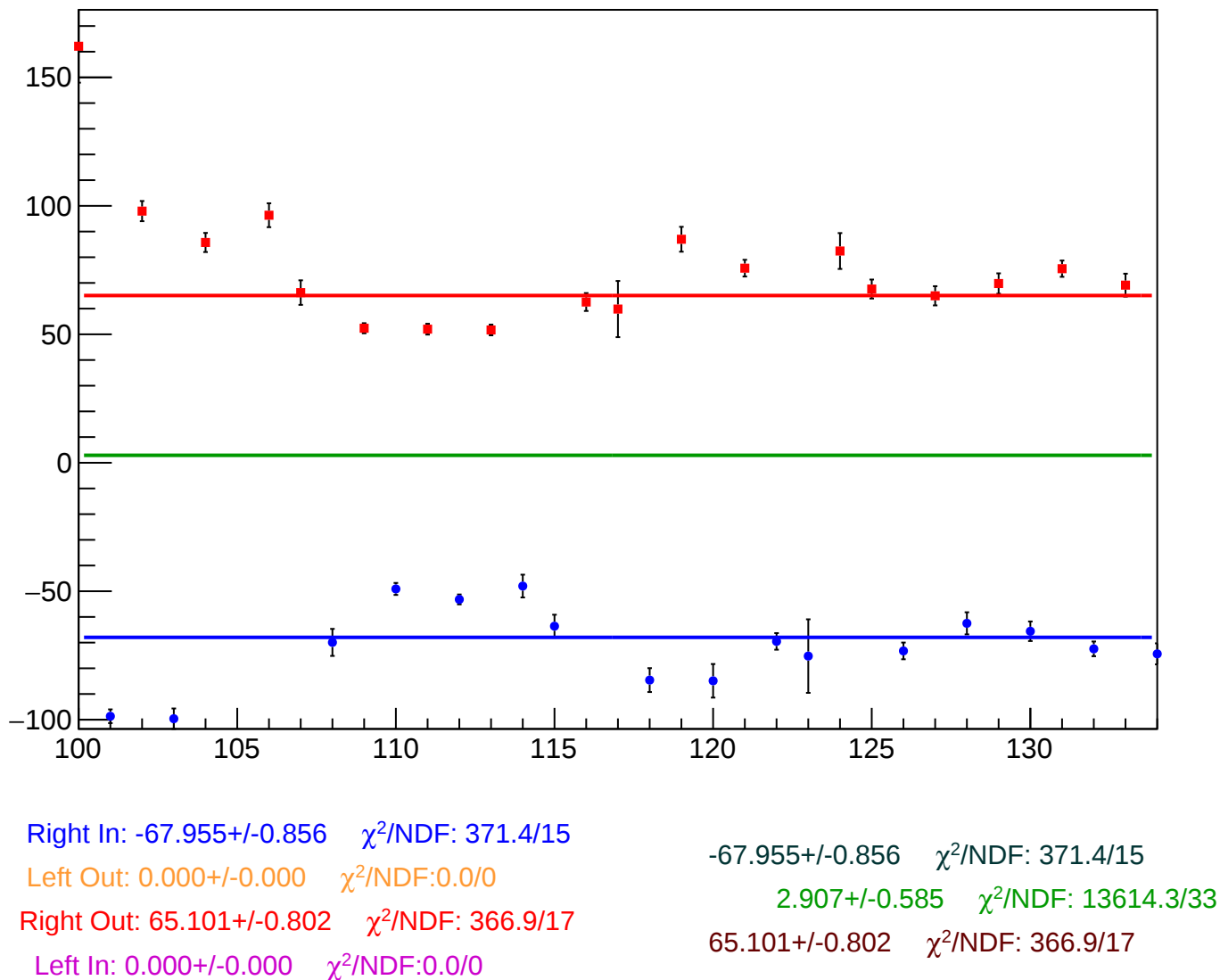
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.150 ± 0.093 $\chi^2/\text{NDF}: 161.4/15$

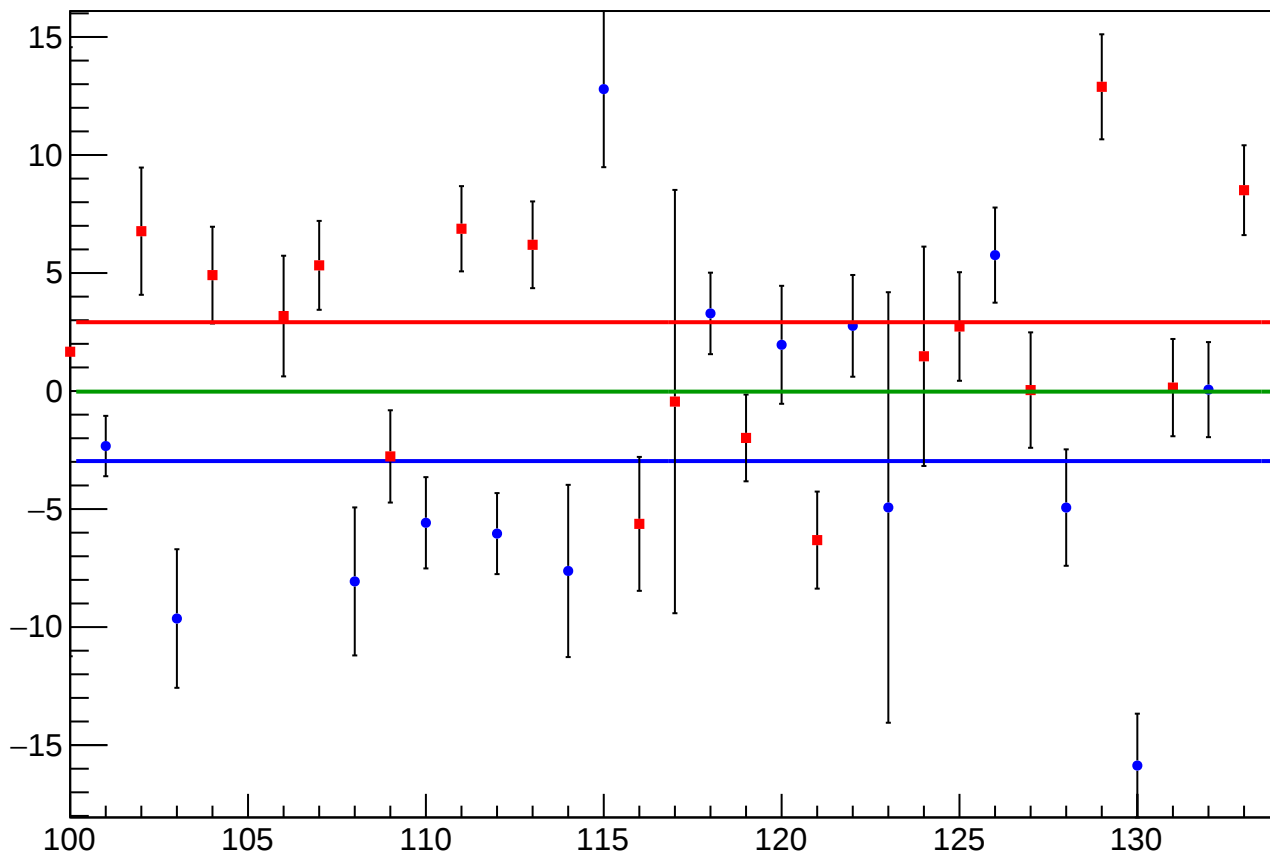
0.280 ± 0.066 $\chi^2/\text{NDF}: 950.2/33$

1.774 ± 0.095 $\chi^2/\text{NDF}: 303.3/17$

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.967 ± 0.537 $\chi^2/\text{NDF}: 139.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.917 ± 0.537 $\chi^2/\text{NDF}: 89.6/17$

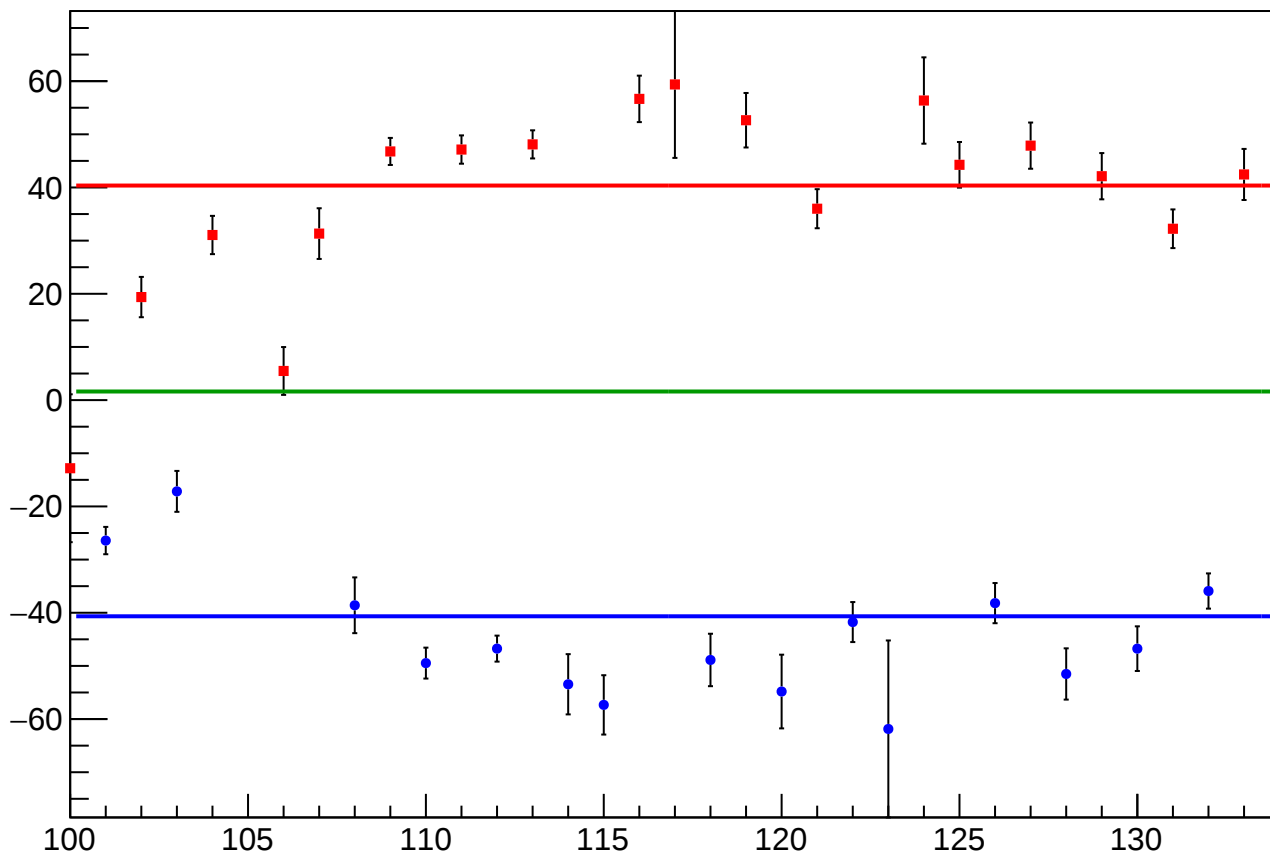
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.967 ± 0.537 $\chi^2/\text{NDF}: 139.3/15$

-0.024 ± 0.380 $\chi^2/\text{NDF}: 288.9/33$

2.917 ± 0.537 $\chi^2/\text{NDF}: 89.6/17$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.666 ± 0.975 χ^2/NDF : 116.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 40.363 ± 0.934 χ^2/NDF : 173.0/17

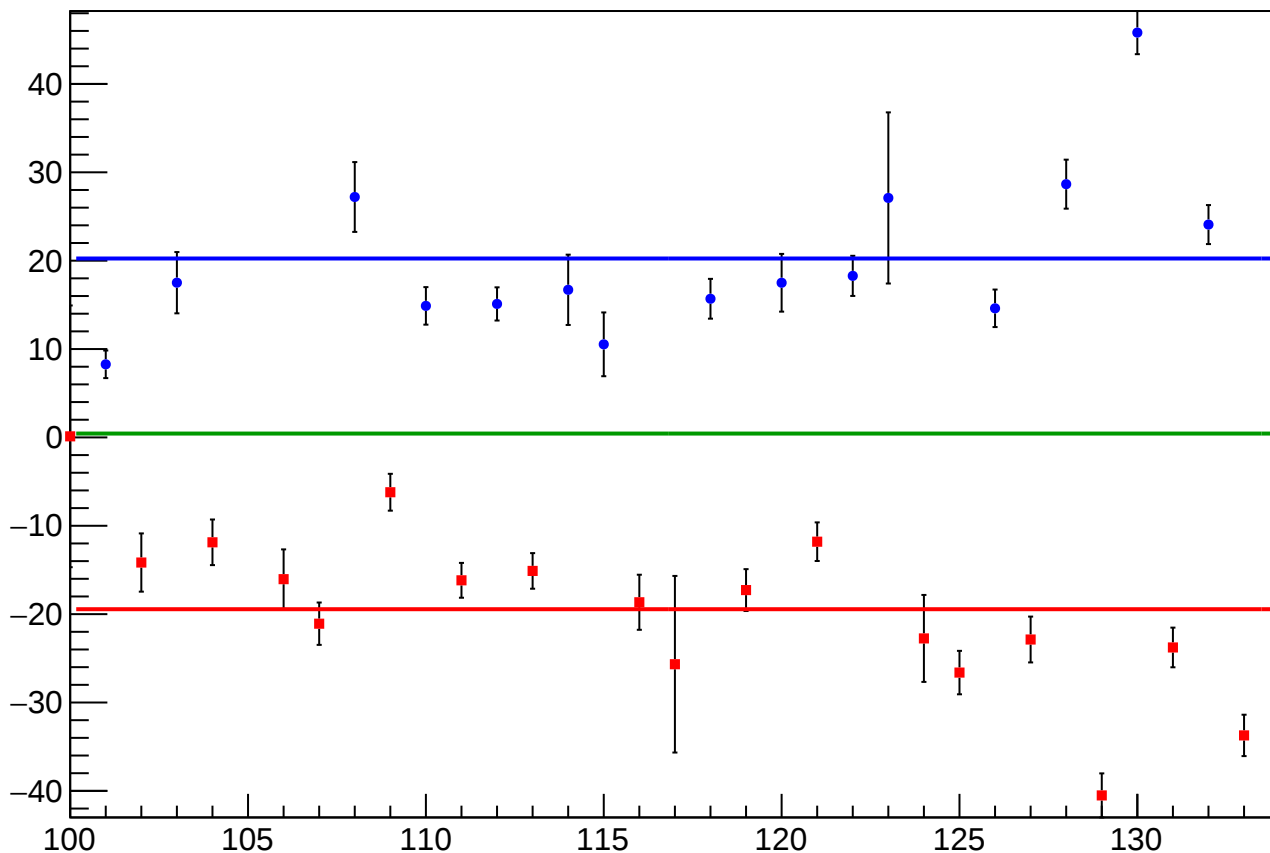
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.666 ± 0.975 χ^2/NDF : 116.4/15

1.620 ± 0.674 χ^2/NDF : 3890.9/33

40.363 ± 0.934 χ^2/NDF : 173.0/17

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.246 ± 0.614 χ^2/NDF : 323.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.441 ± 0.615 χ^2/NDF : 198.6/17

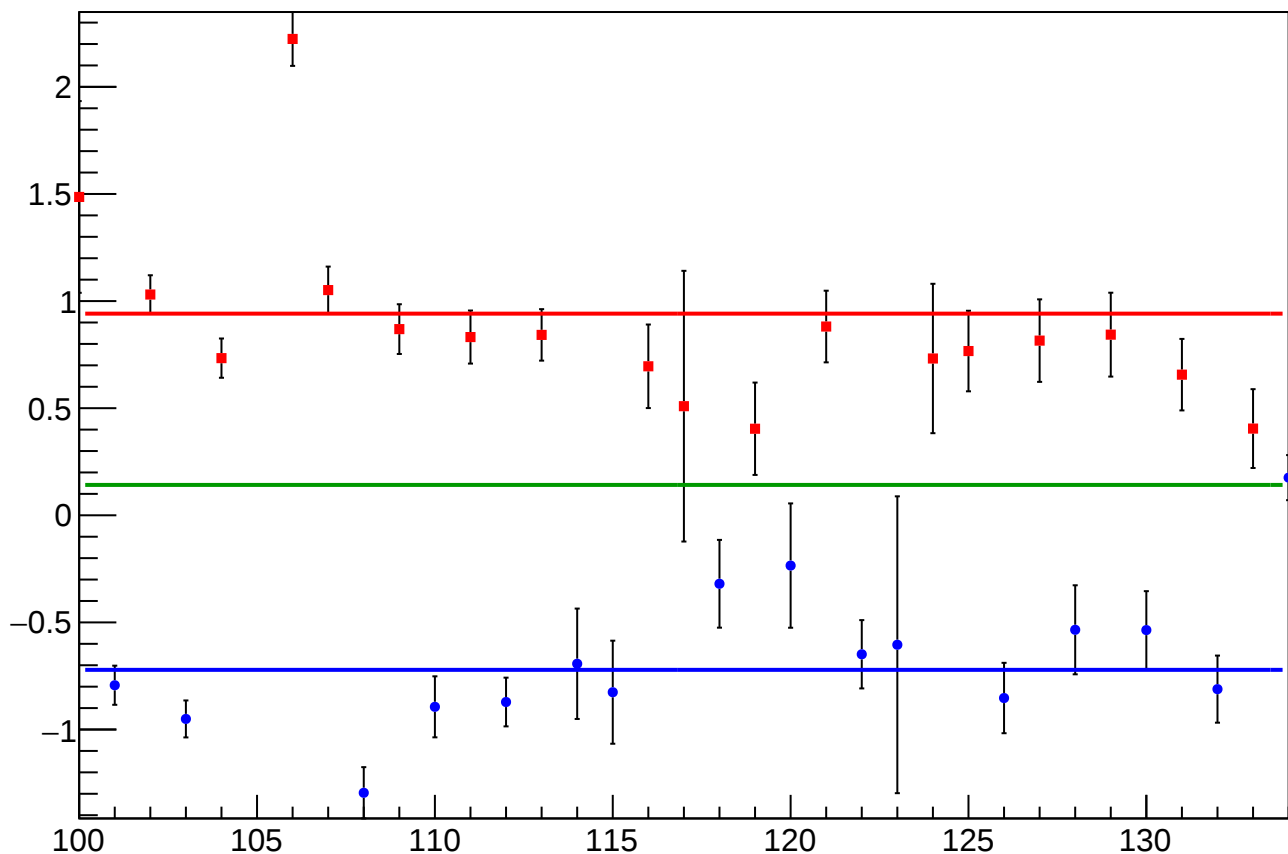
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

20.246 ± 0.614 χ^2/NDF : 323.2/15

0.436 ± 0.435 χ^2/NDF : 2605.0/33

-19.441 ± 0.615 χ^2/NDF : 198.6/17

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.721 ± 0.036 χ^2/NDF : 116.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.941 ± 0.034 χ^2/NDF : 136.2/17

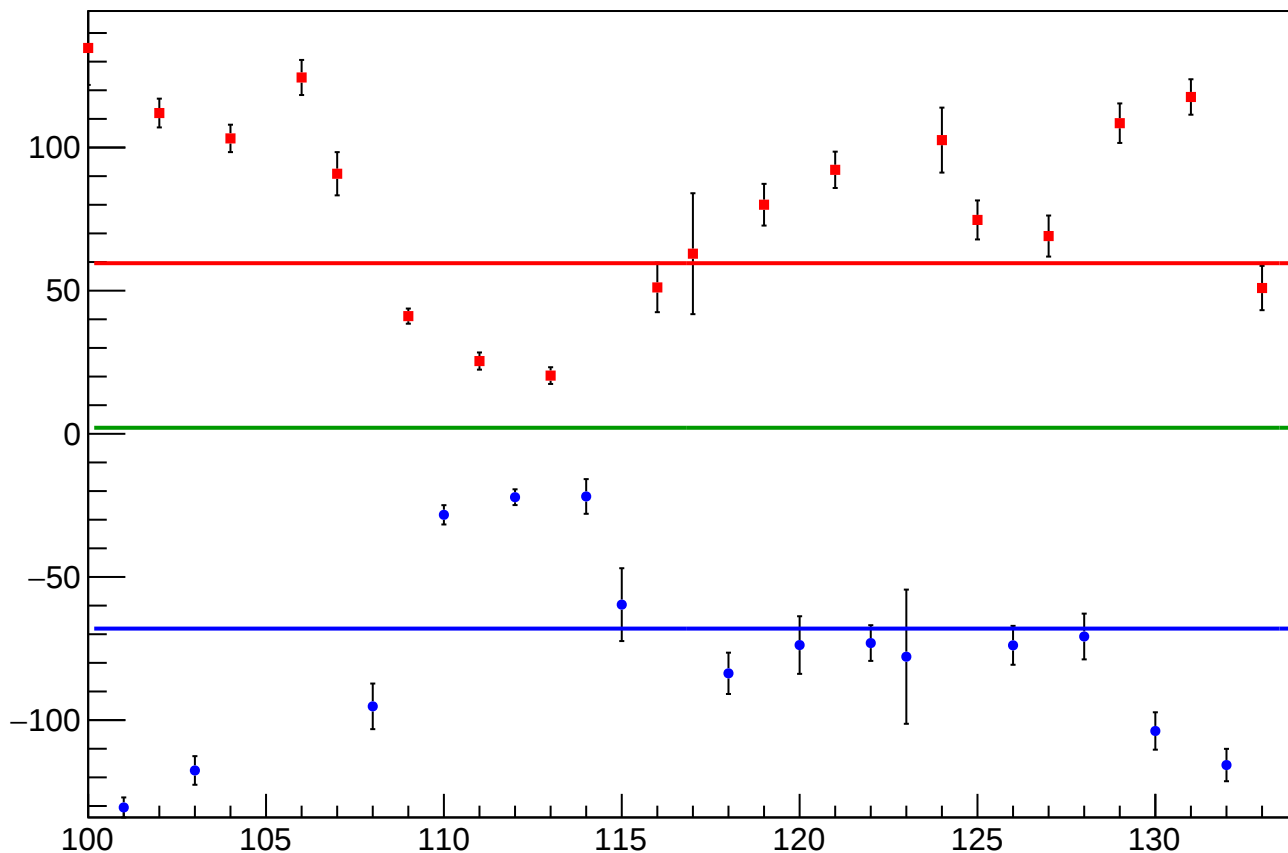
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.721 ± 0.036 χ^2/NDF : 116.5/15

0.142 ± 0.025 χ^2/NDF : 1374.6/33

0.941 ± 0.034 χ^2/NDF : 136.2/17

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -68.032 ± 1.343 $\chi^2/\text{NDF}: 1020.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 59.597 ± 1.216 $\chi^2/\text{NDF}: 909.6/17$

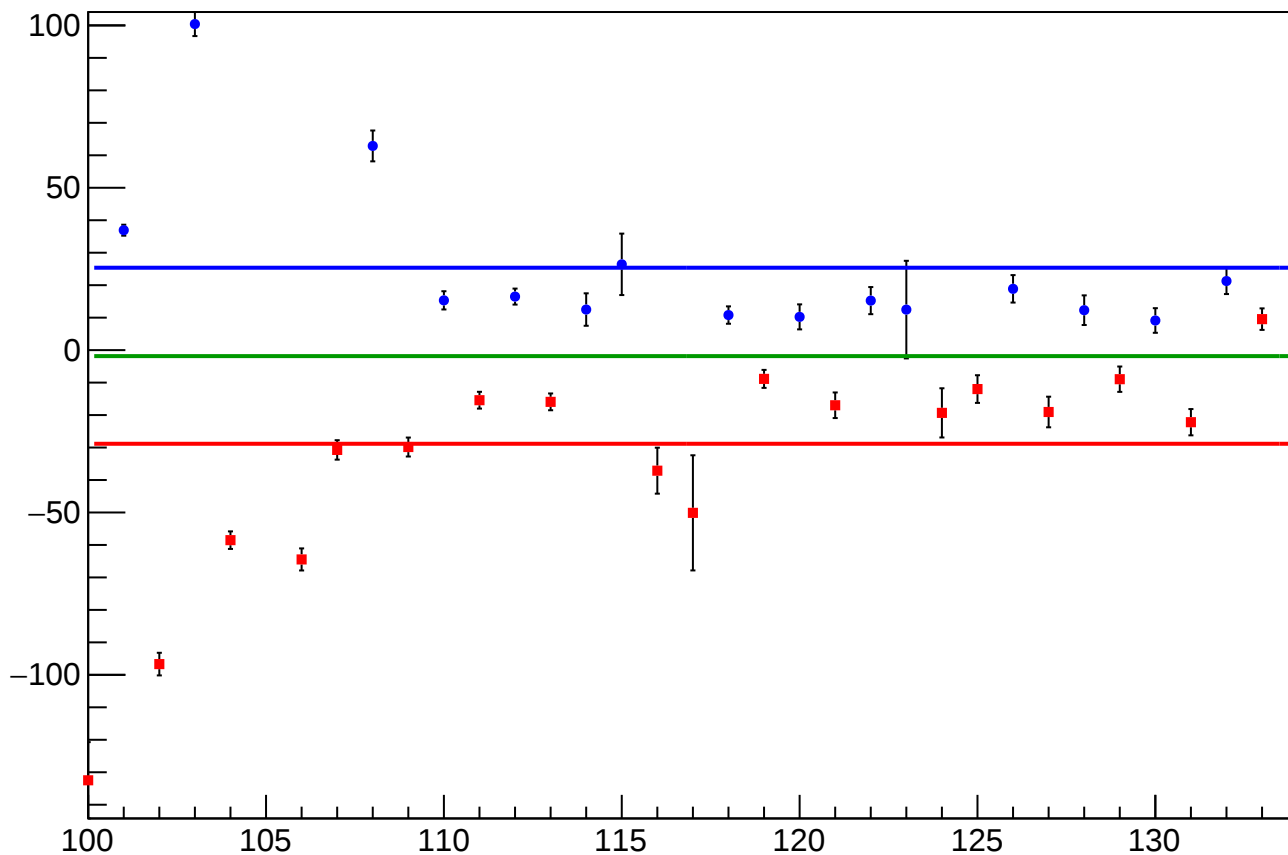
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-68.032 ± 1.343 $\chi^2/\text{NDF}: 1020.3/15$

2.115 ± 0.902 $\chi^2/\text{NDF}: 6890.7/33$

59.597 ± 1.216 $\chi^2/\text{NDF}: 909.6/17$

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.377 ± 0.850 χ^2/NDF : 684.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.840 ± 0.847 χ^2/NDF : 988.3/17

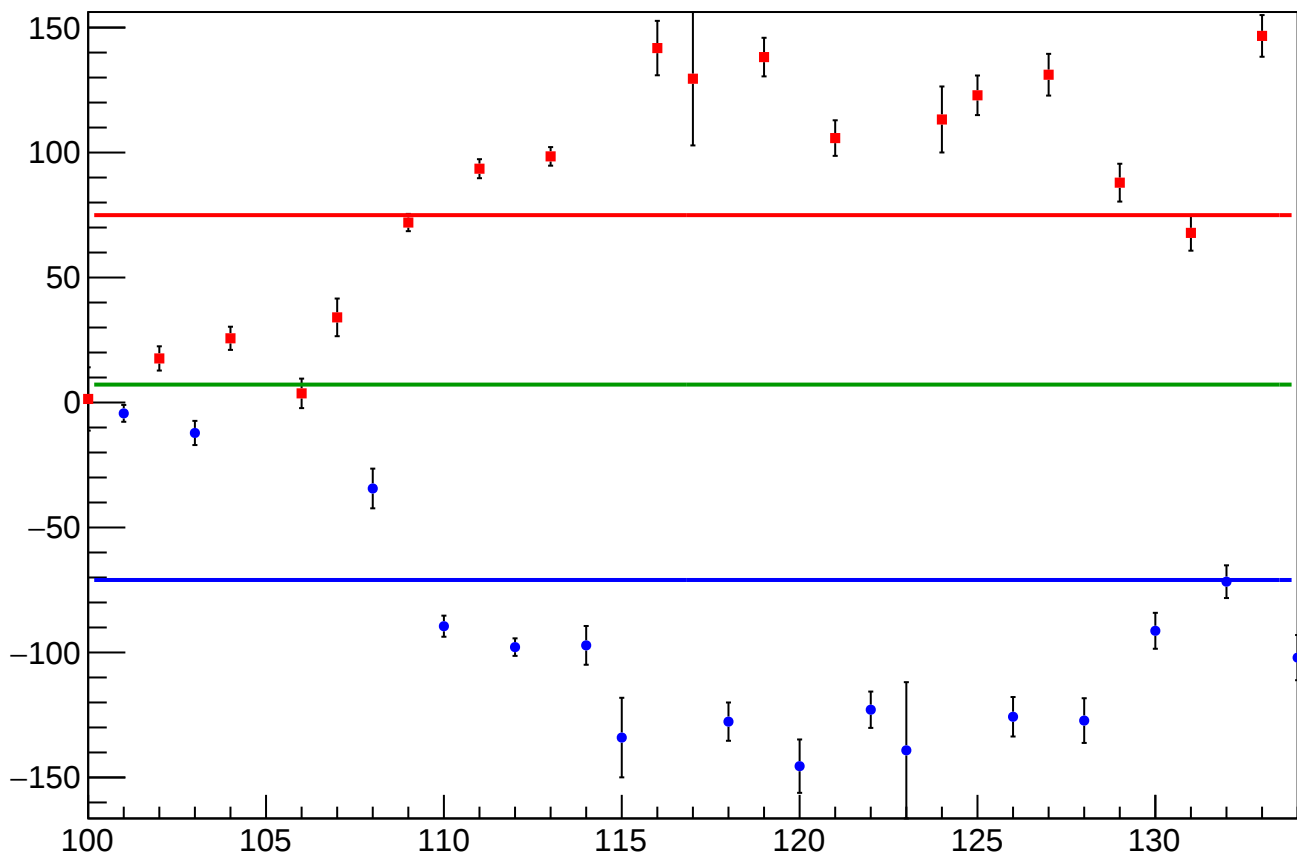
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

25.377 ± 0.850 χ^2/NDF : 684.9/15

-1.845 ± 0.600 χ^2/NDF : 3713.9/33

-28.840 ± 0.847 χ^2/NDF : 988.3/17

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.999 ± 1.517 χ^2/NDF : 933.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 74.961 ± 1.413 χ^2/NDF : 822.2/17

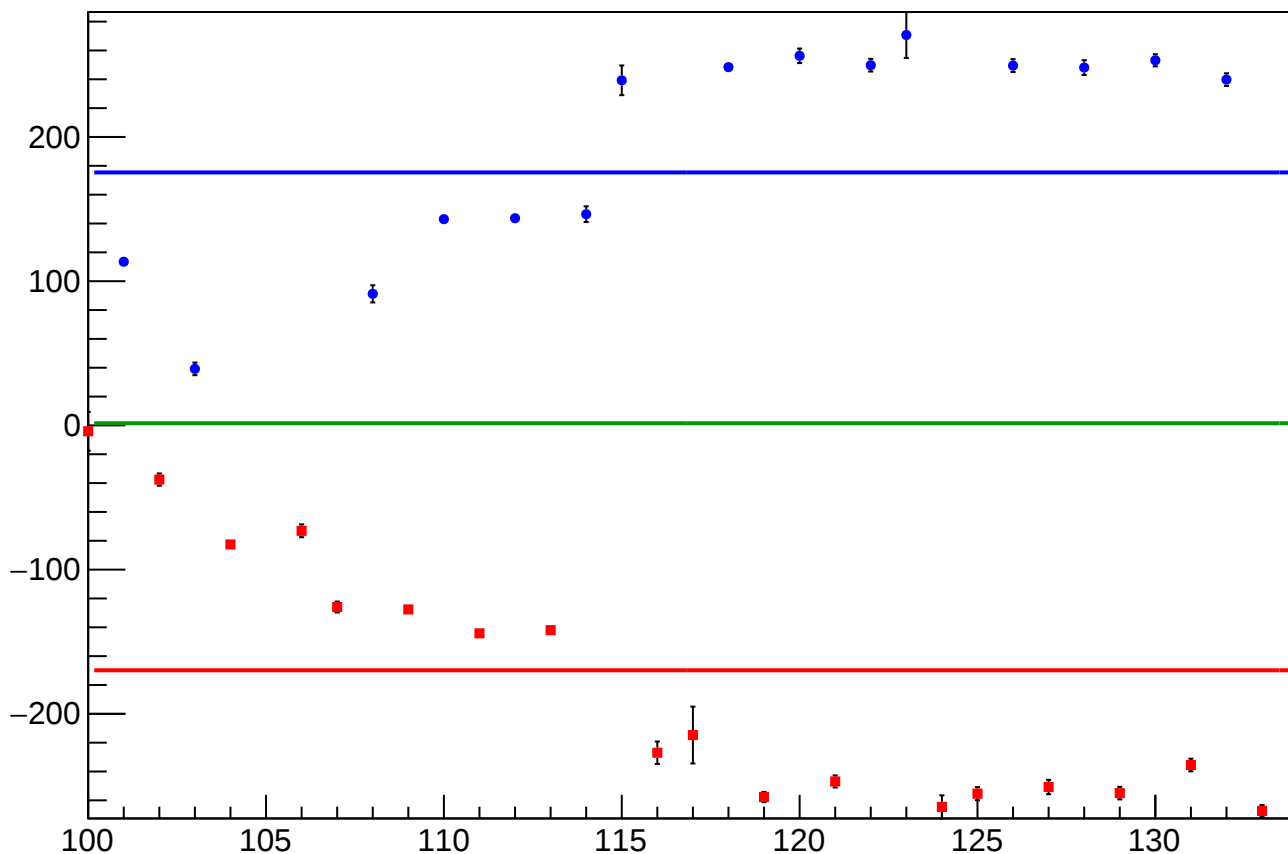
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-70.999 ± 1.517 χ^2/NDF : 933.8/15

7.170 ± 1.034 χ^2/NDF : 6712.6/33

74.961 ± 1.413 χ^2/NDF : 822.2/17

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.419+/-0.985 χ^2/NDF : 4816.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.809+/-0.977 χ^2/NDF : 5683.3/17

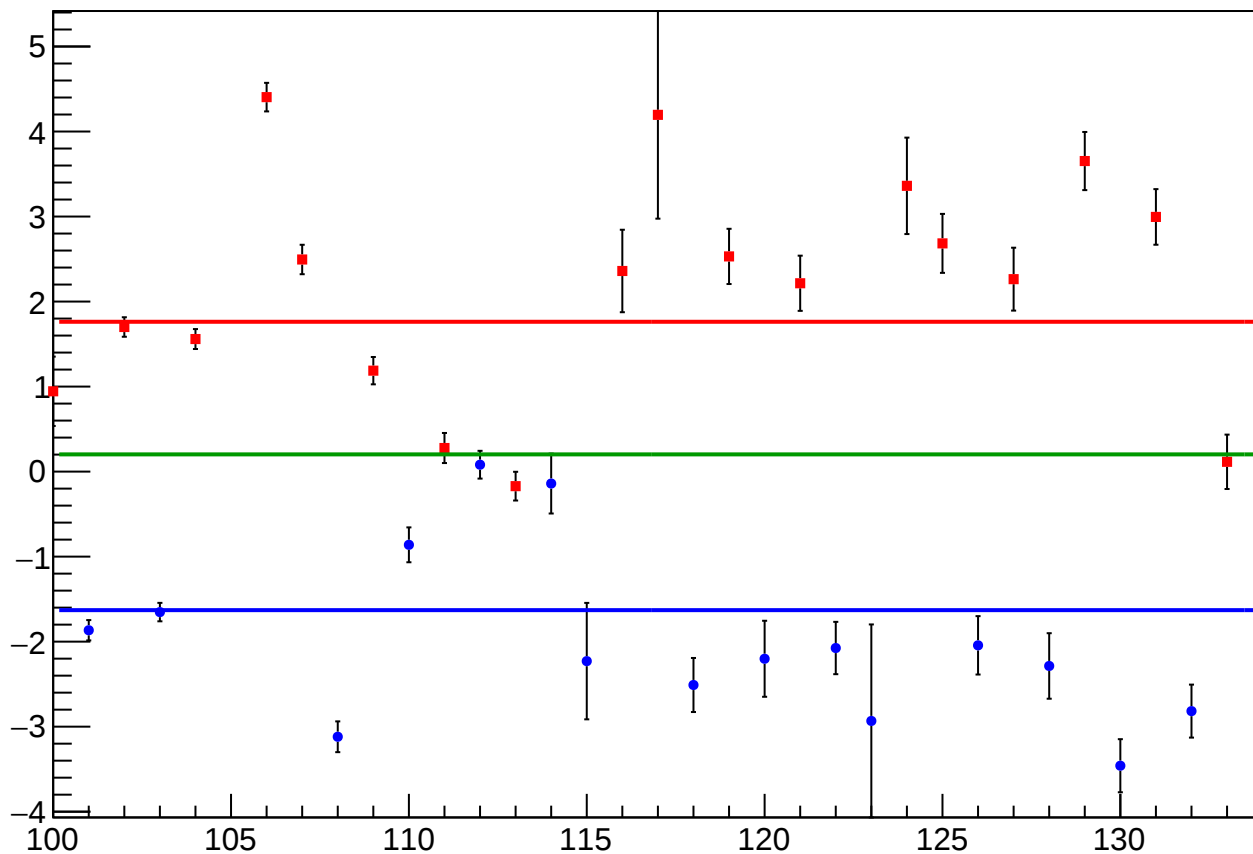
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.419+/-0.985 χ^2/NDF : 4816.3/15

1.499+/-0.694 χ^2/NDF : 72401.5/33

-169.809+/-0.977 χ^2/NDF : 5683.3/17

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.630 $\pm$ 0.054 χ^2 /NDF: 314.6/15

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

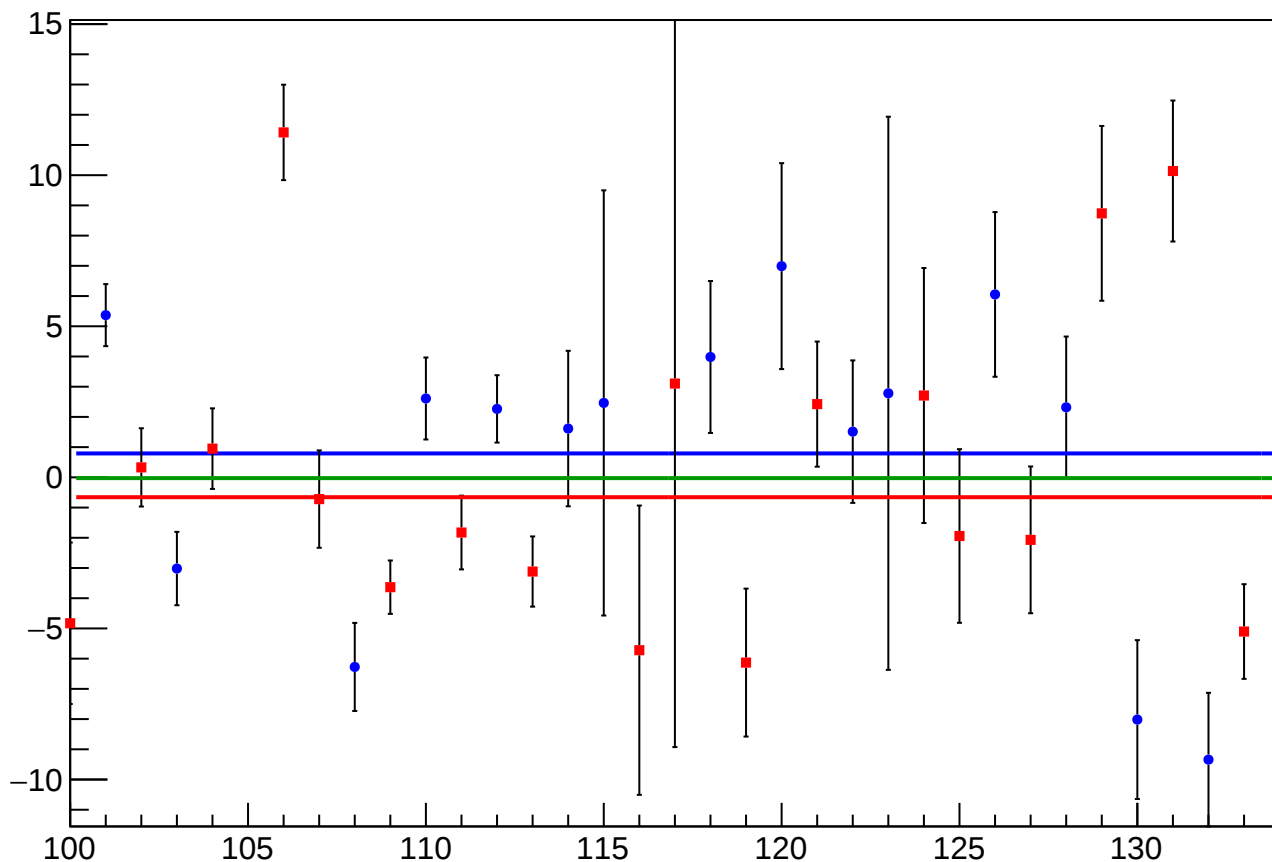
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.630 $\pm$ 0.054 χ^2 /NDF: 314.6/15

0.203 $\pm$ 0.037 χ^2 /NDF: 3015.5/33

1.762 $\pm$ 0.050 χ^2 /NDF: 587.8/17

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.792 $\pm$ 0.454 χ^2 /NDF: 99.5/15

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

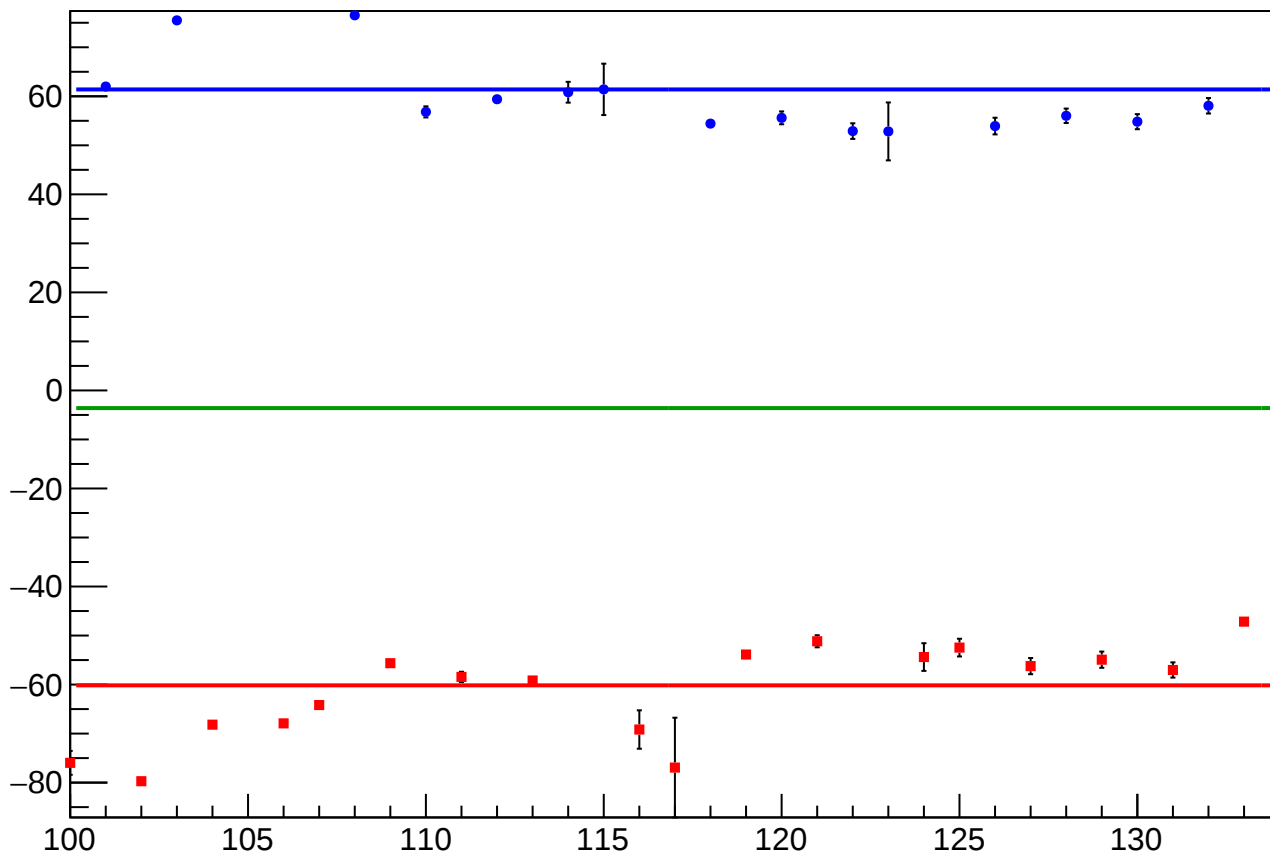
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.792 $\pm$ 0.454 χ^2 /NDF: 99.5/15

-0.025 $\pm$ 0.300 χ^2 /NDF: 234.6/33

-0.657 $\pm$ 0.399 χ^2 /NDF: 129.3/17

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 61.399 ± 0.277 χ^2/NDF : 845.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.159 ± 0.258 χ^2/NDF : 1231.7/17

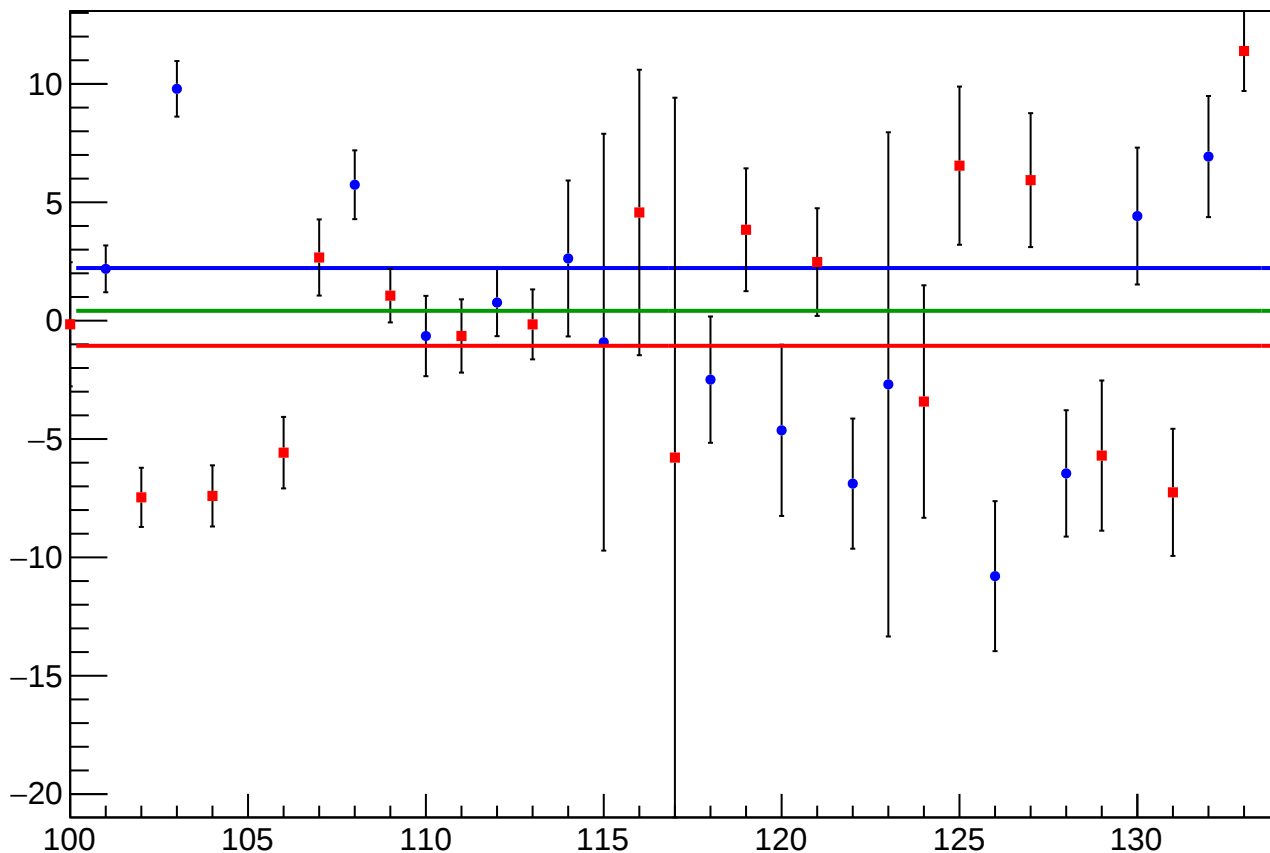
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

61.399 ± 0.277 χ^2/NDF : 845.3/15

-3.602 ± 0.189 χ^2/NDF : 105045.1/33

-60.159 ± 0.258 χ^2/NDF : 1231.7/17

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.223+/-0.490 χ^2/NDF : 118.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.062+/-0.443 χ^2/NDF : 149.0/17

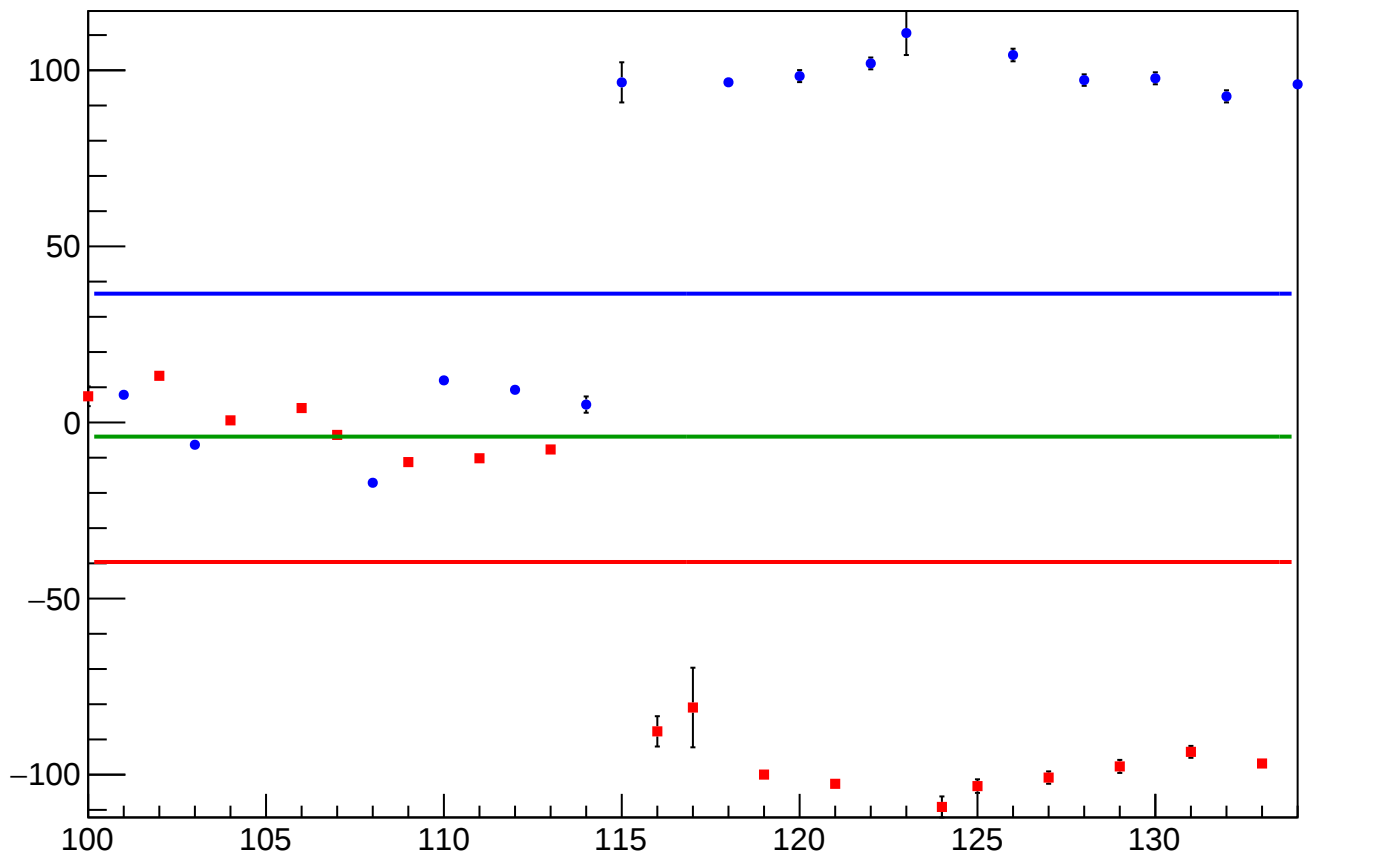
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.223+/-0.490 χ^2/NDF : 118.0/15

0.415+/-0.329 χ^2/NDF : 291.7/33

-1.062+/-0.443 χ^2/NDF : 149.0/17

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.575+/-0.327 χ^2/NDF : 19887.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.614+/-0.306 χ^2/NDF : 24079.0/17

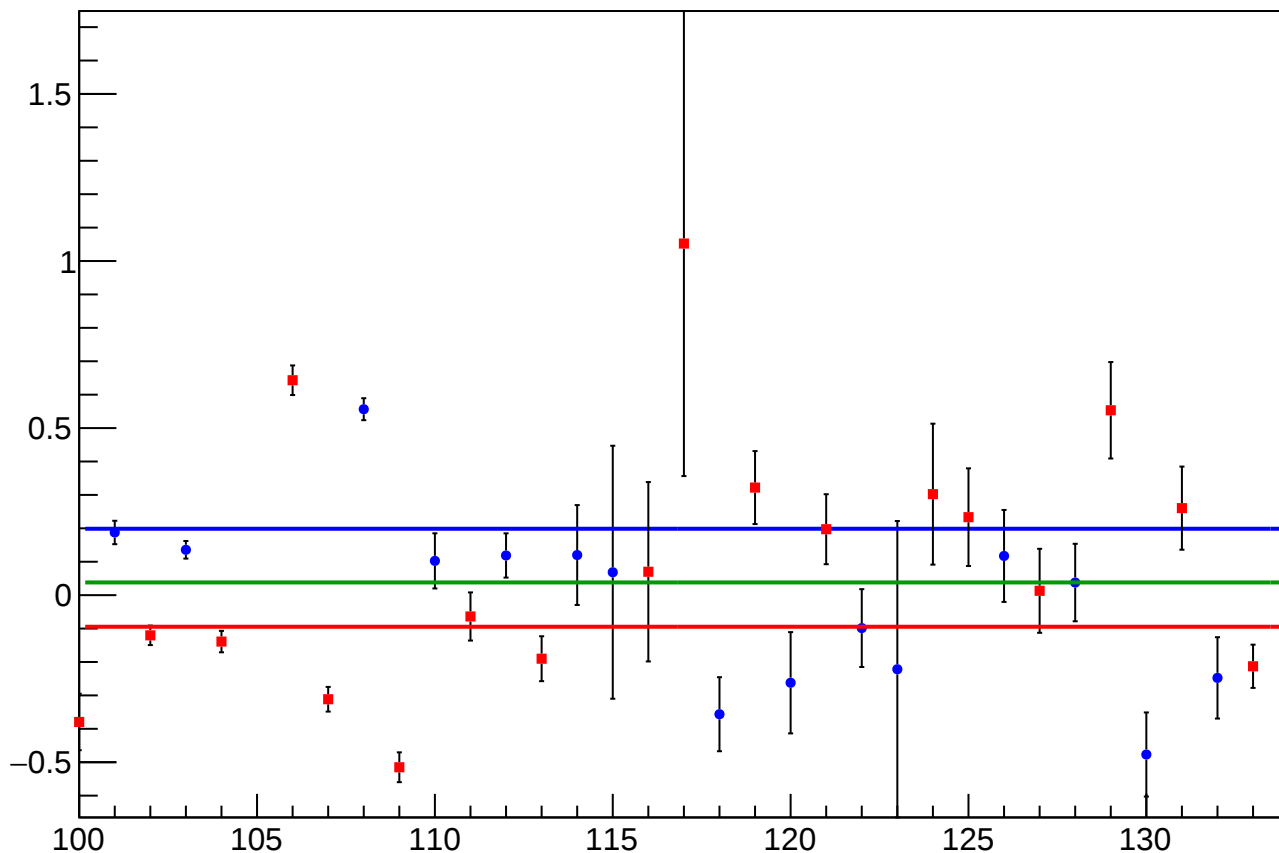
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.575+/-0.327 χ^2/NDF : 19887.8/15

-4.015+/-0.223 χ^2/NDF : 72926.0/33

-39.614+/-0.306 χ^2/NDF : 24079.0/17

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.199 $\pm$ 0.015 χ^2 /NDF: 215.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.095 $\pm$ 0.014 χ^2 /NDF: 482.7/17

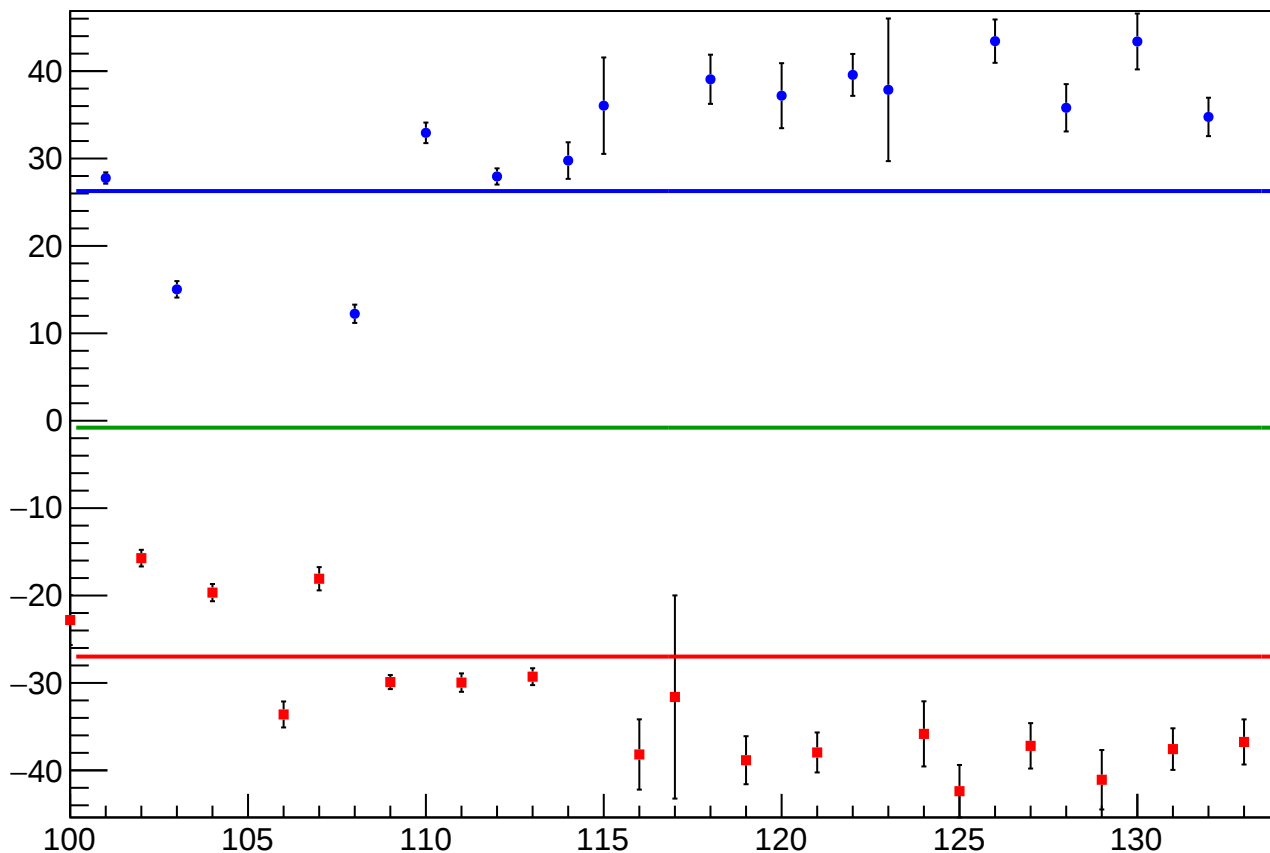
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.199 $\pm$ 0.015 χ^2 /NDF: 215.7/15

0.038 $\pm$ 0.010 χ^2 /NDF: 897.3/33

-0.095 $\pm$ 0.014 χ^2 /NDF: 482.7/17

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 26.276+/-0.361 χ^2 /NDF: 562.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -26.982+/-0.355 χ^2 /NDF: 436.9/17

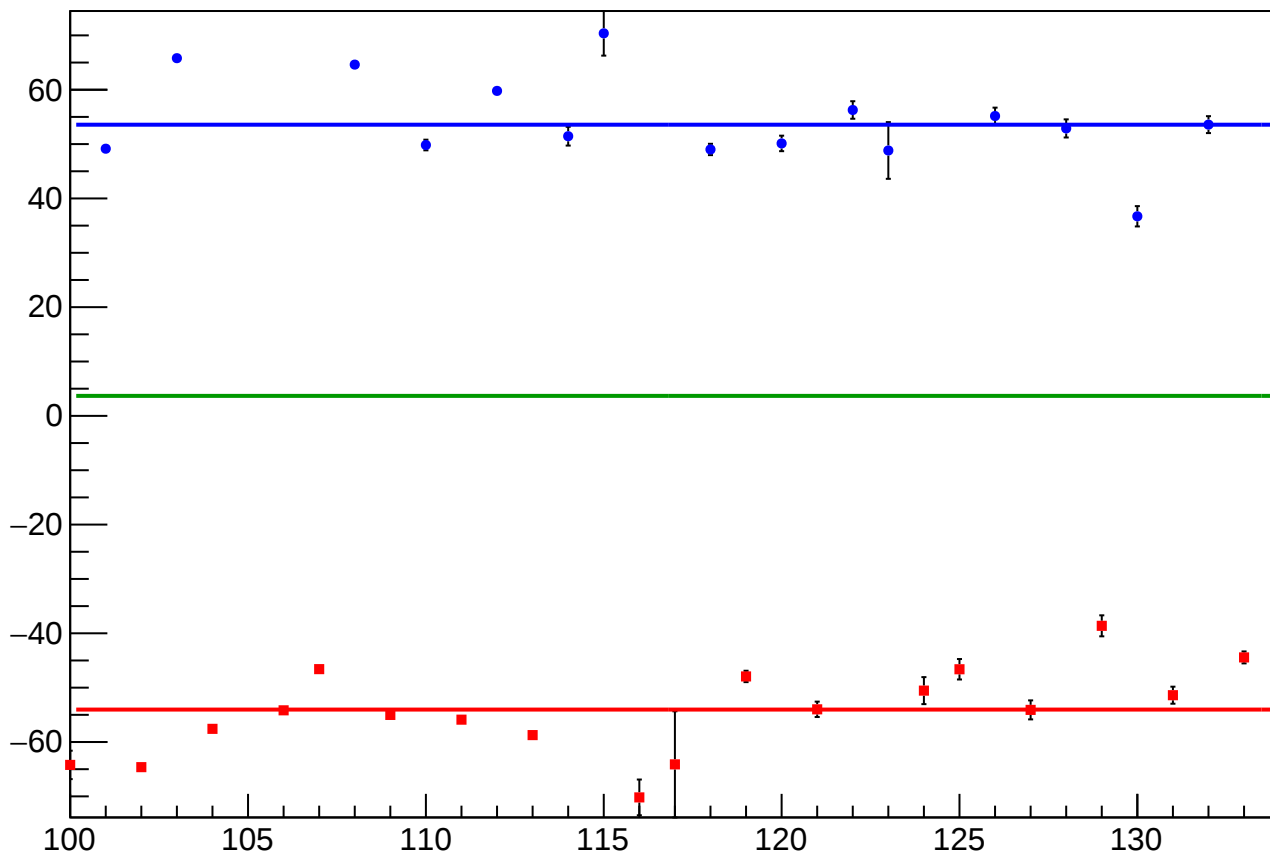
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

26.276+/-0.361 χ^2 /NDF: 562.4/15

-0.792+/-0.253 χ^2 /NDF: 12068.1/33

-26.982+/-0.355 χ^2 /NDF: 436.9/17

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 53.566 ± 0.218 χ^2/NDF : 1093.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -54.032 ± 0.235 χ^2/NDF : 741.4/17

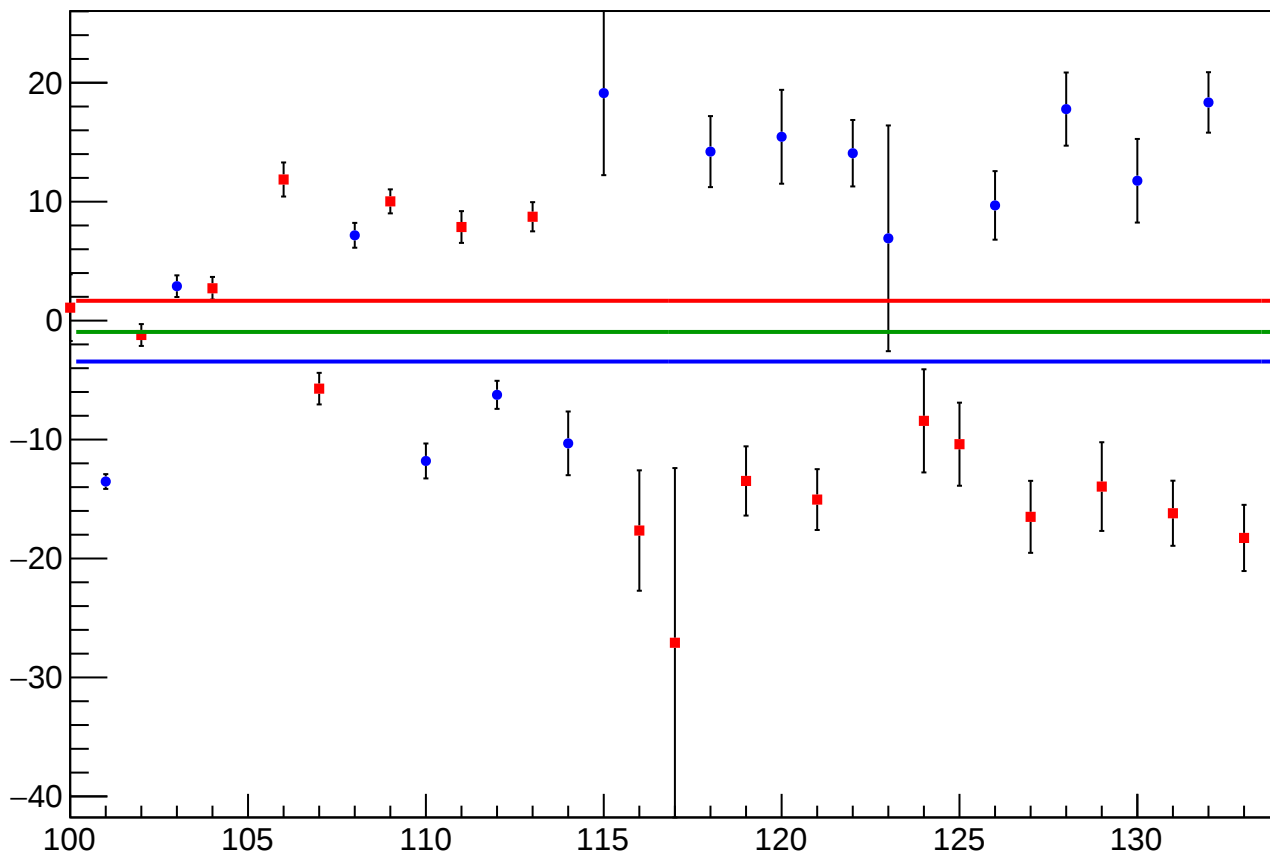
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

53.566 ± 0.218 χ^2/NDF : 1093.1/15

3.678 ± 0.160 χ^2/NDF : 114485.9/33

-54.032 ± 0.235 χ^2/NDF : 741.4/17

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.439+/-0.380 χ^2/NDF : 746.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.667+/-0.390 χ^2/NDF : 469.1/17

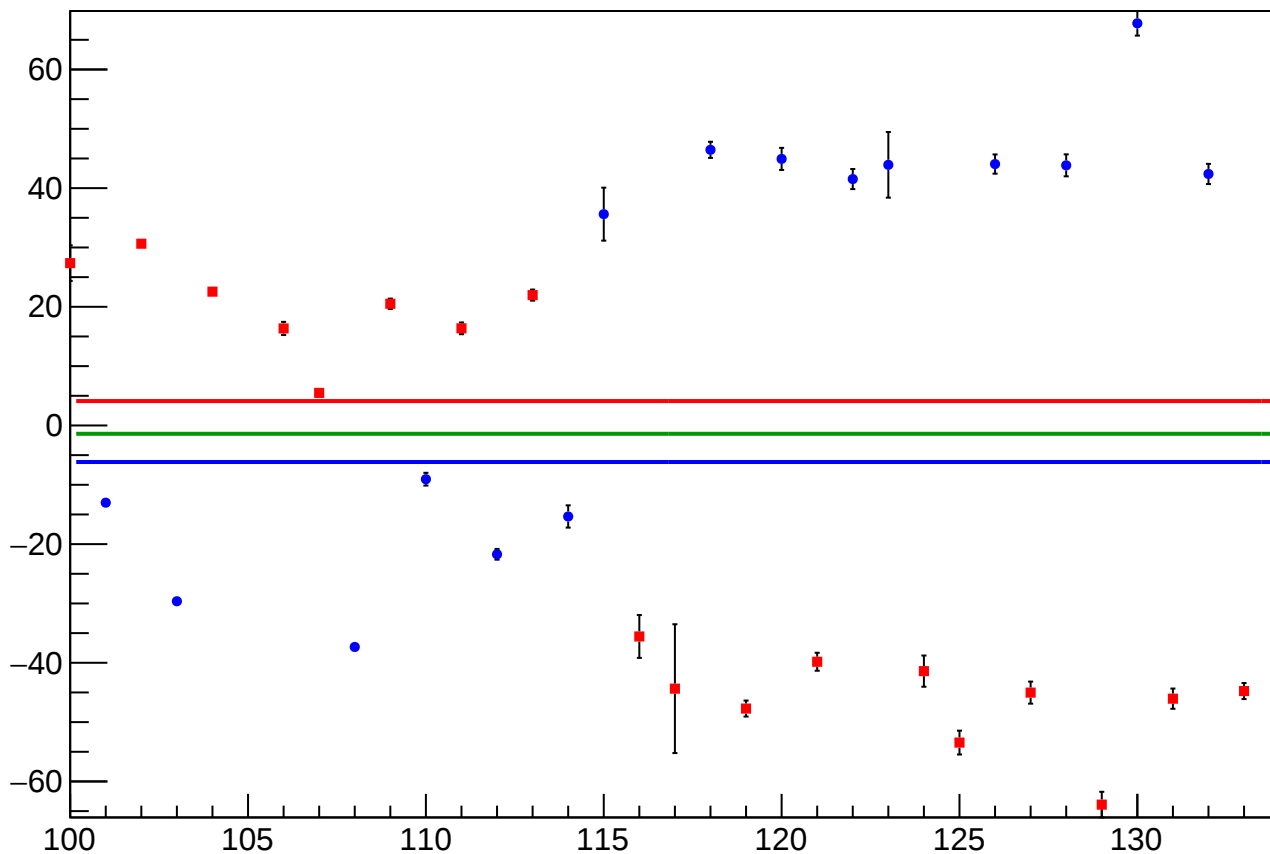
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.439+/-0.380 χ^2/NDF : 746.1/15

-0.952+/-0.272 χ^2/NDF : 1302.9/33

1.667+/-0.390 χ^2/NDF : 469.1/17

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.160+/-0.259 χ^2/NDF : 11432.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.115+/-0.279 χ^2/NDF : 10182.4/17

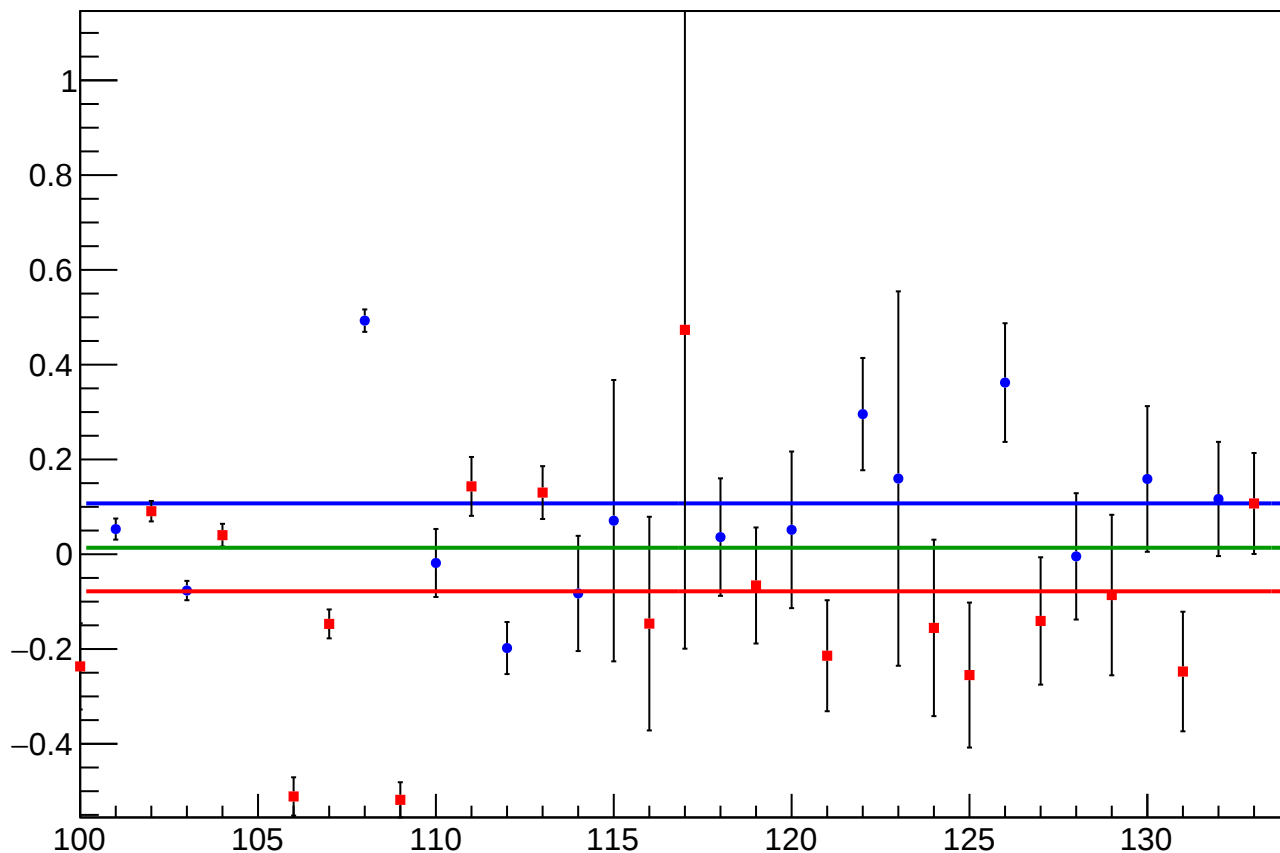
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.160+/-0.259 χ^2/NDF : 11432.8/15

-1.402+/-0.190 χ^2/NDF : 22341.2/33

4.115+/-0.279 χ^2/NDF : 10182.4/17

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.107 ± 0.012 χ^2/NDF : 400.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.078 ± 0.012 χ^2/NDF : 384.3/17

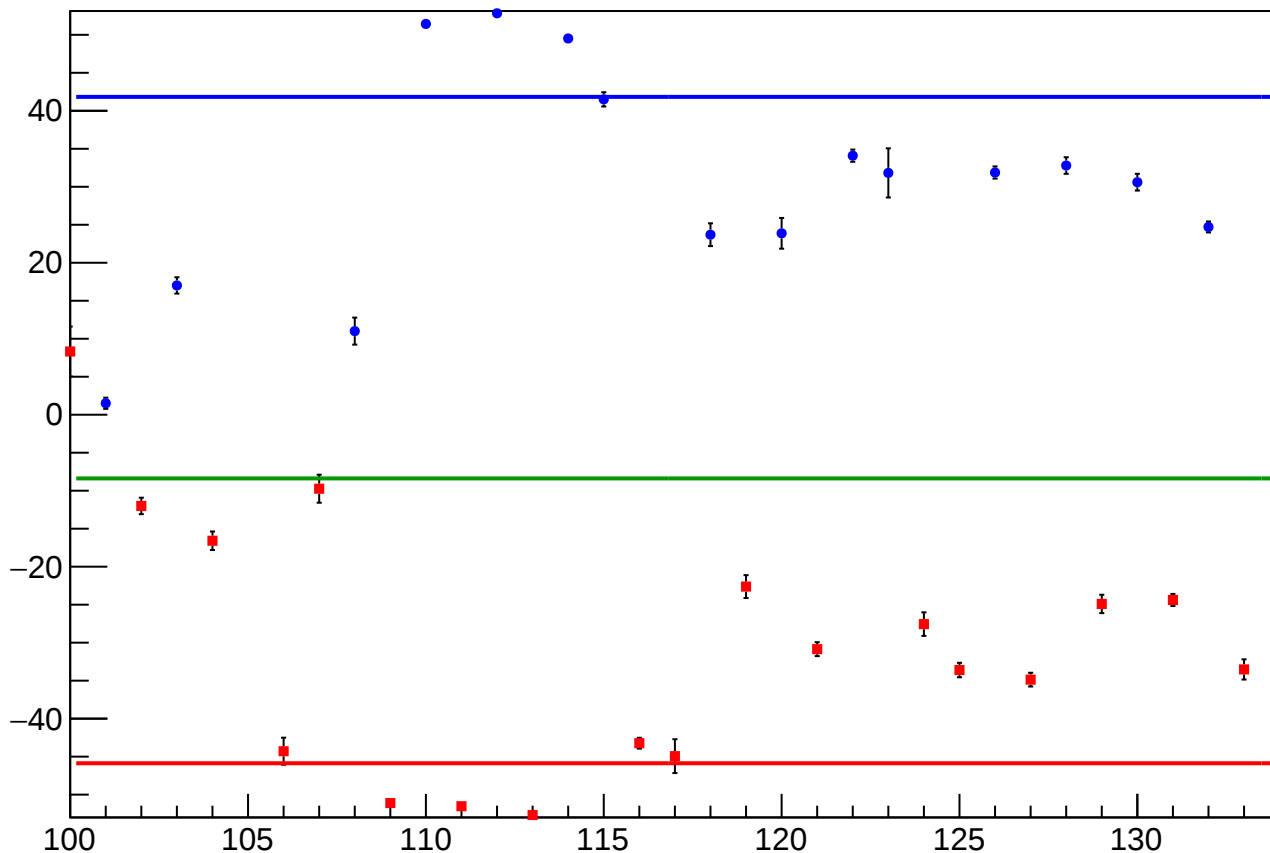
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.107 ± 0.012 χ^2/NDF : 400.3/15

0.014 ± 0.008 χ^2/NDF : 912.2/33

-0.078 ± 0.012 χ^2/NDF : 384.3/17

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 41.832+/-0.175 χ^2/NDF : 7377.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.870+/-0.151 χ^2/NDF : 5397.7/17

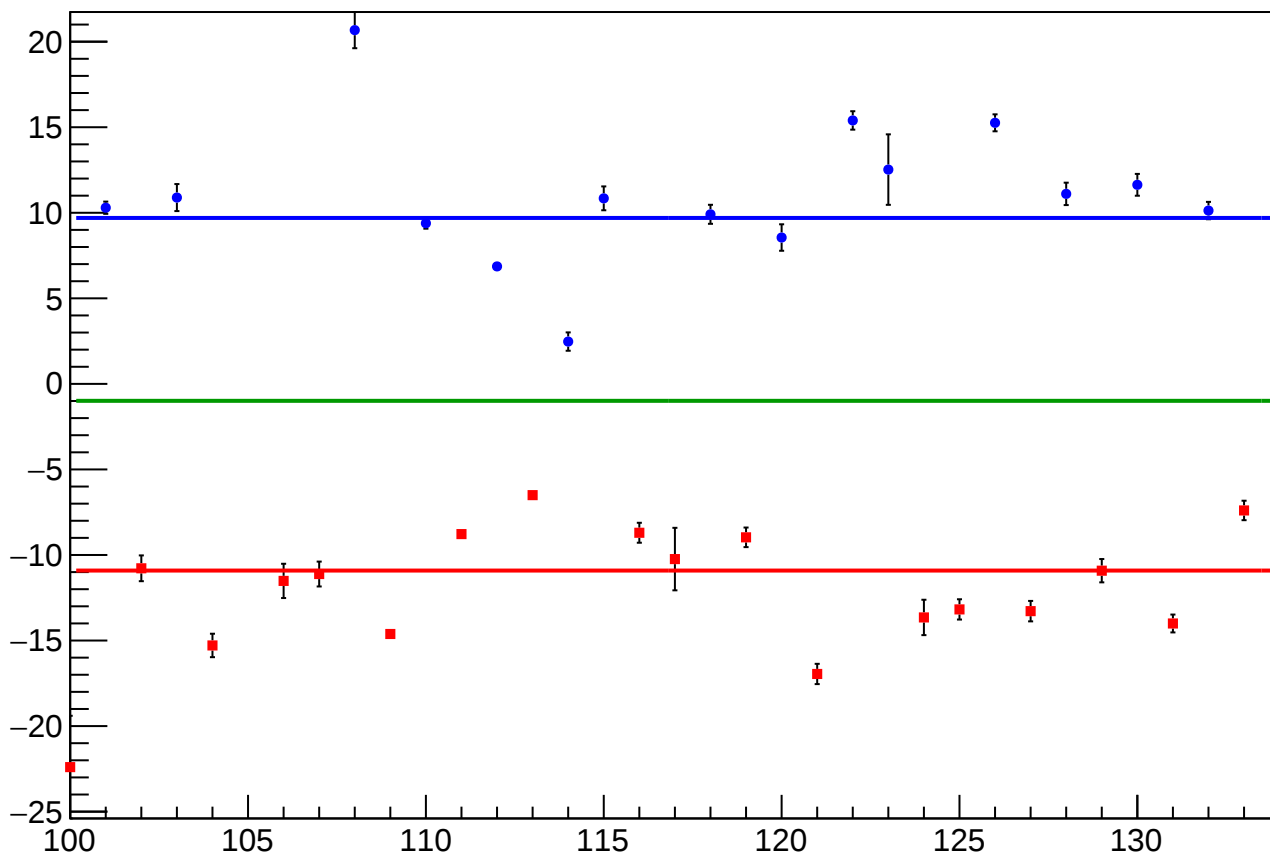
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

41.832+/-0.175 χ^2/NDF : 7377.0/15

-8.384+/-0.114 χ^2/NDF : 156656.1/33

-45.870+/-0.151 χ^2/NDF : 5397.7/17

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.698 $\pm$ 0.125 χ^2 /NDF: 669.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.910 $\pm$ 0.120 χ^2 /NDF: 771.8/17

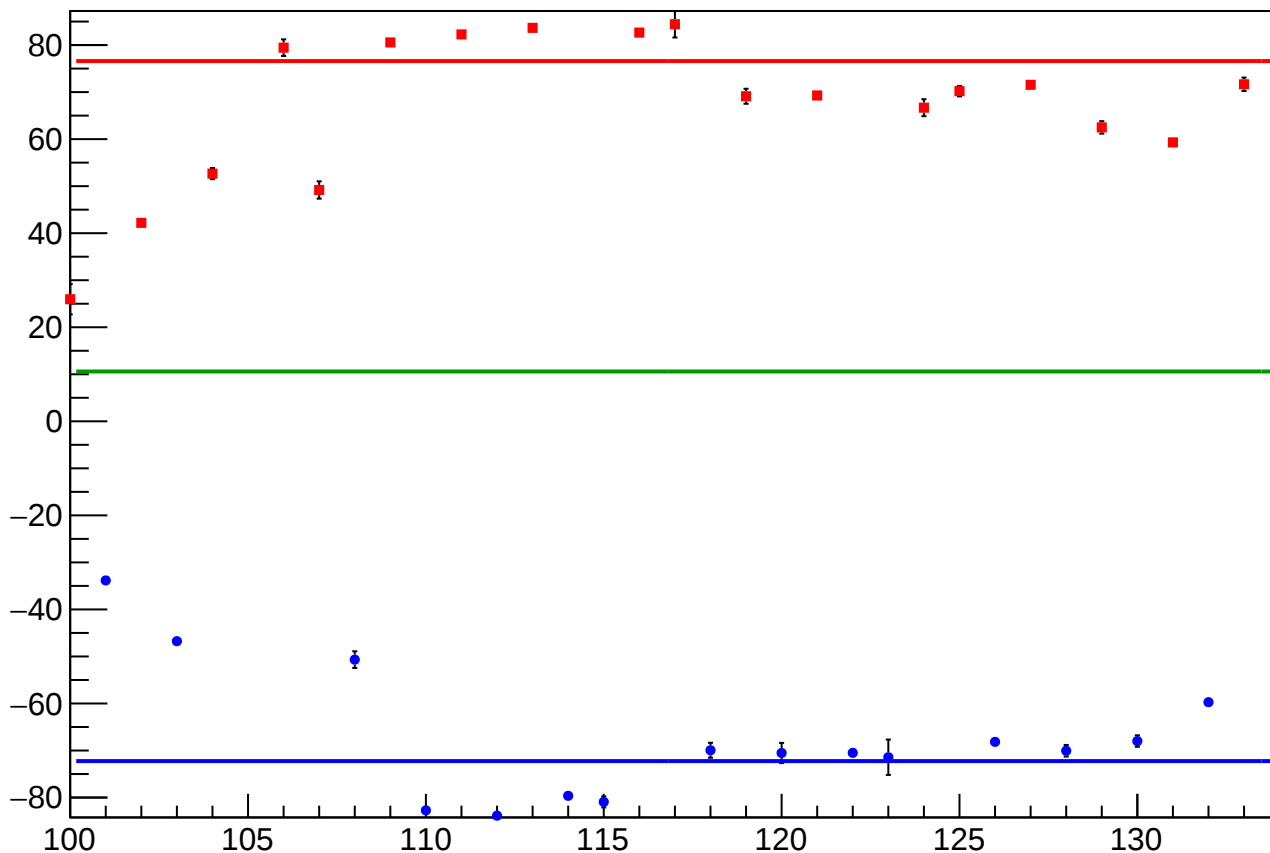
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.698 $\pm$ 0.125 χ^2 /NDF: 669.3/15

-0.991 $\pm$ 0.087 χ^2 /NDF: 15533.0/33

-10.910 $\pm$ 0.120 χ^2 /NDF: 771.8/17

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.250 ± 0.209 $\chi^2/\text{NDF}: 5565.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 76.596 ± 0.186 $\chi^2/\text{NDF}: 3253.0/17$

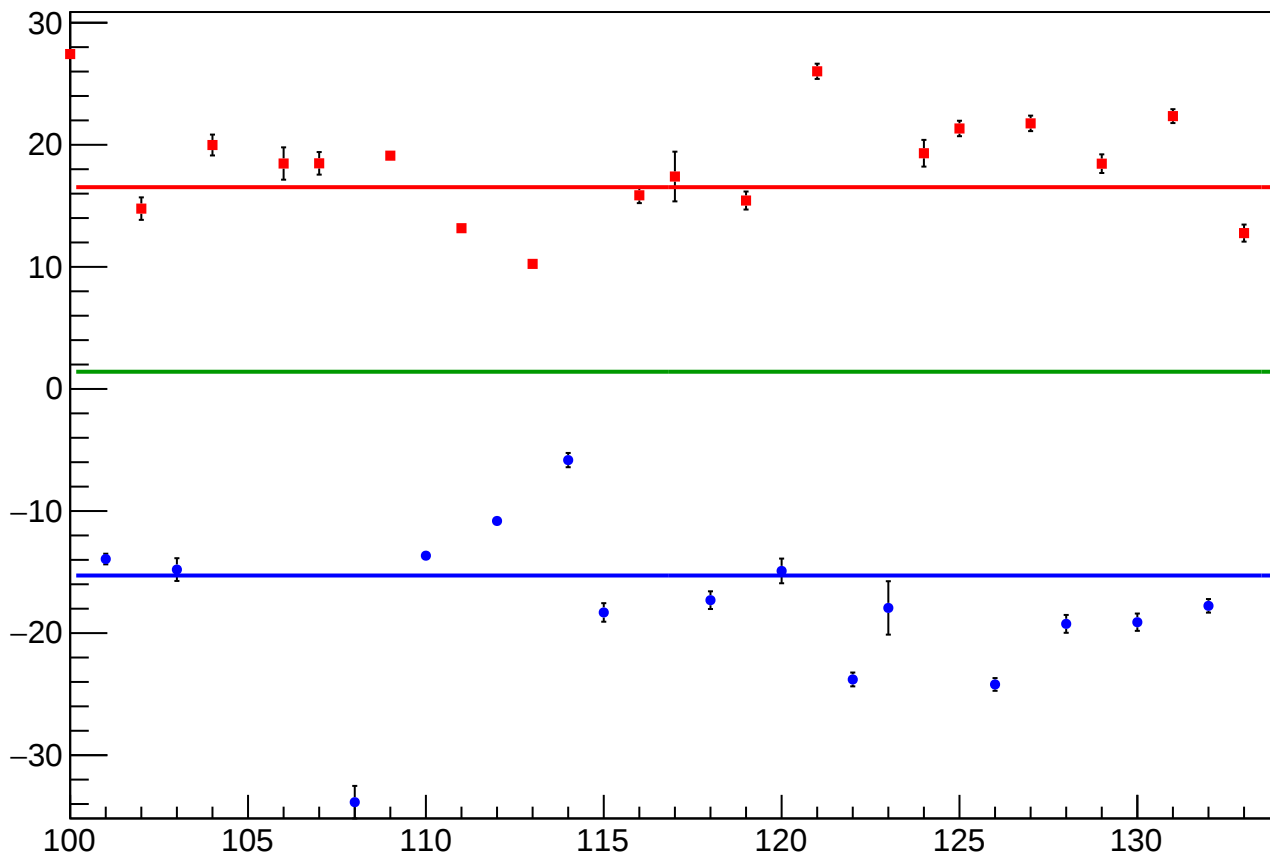
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-72.250 ± 0.209 $\chi^2/\text{NDF}: 5565.9/15$

10.591 ± 0.139 $\chi^2/\text{NDF}: 291842.0/33$

76.596 ± 0.186 $\chi^2/\text{NDF}: 3253.0/17$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.282 ± 0.140 χ^2/NDF : 1343.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.529 ± 0.133 χ^2/NDF : 1143.4/17

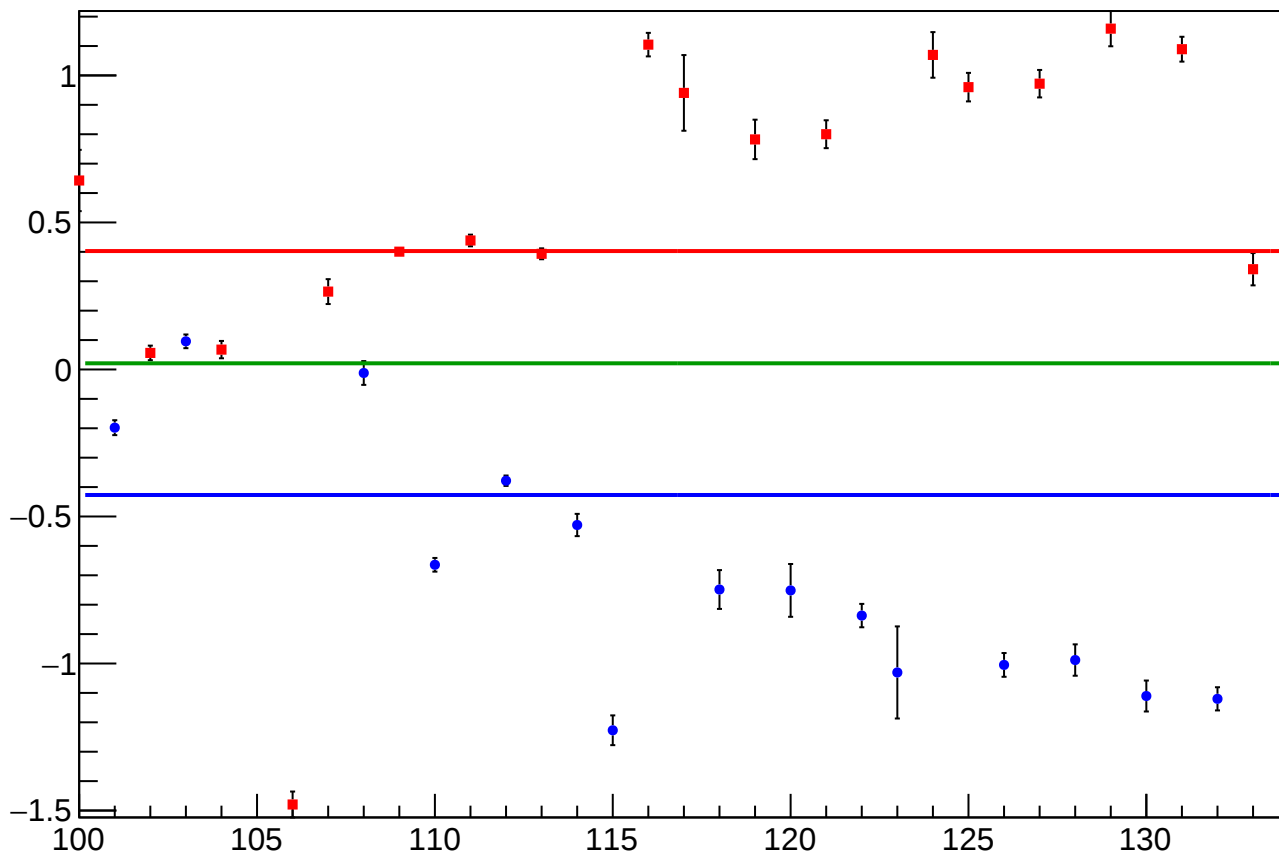
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.282 ± 0.140 χ^2/NDF : 1343.5/15

1.411 ± 0.097 χ^2/NDF : 29485.6/33

16.529 ± 0.133 χ^2/NDF : 1143.4/17

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.427 ± 0.008 χ^2/NDF : 2613.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.403 ± 0.008 χ^2/NDF : 3374.4/17

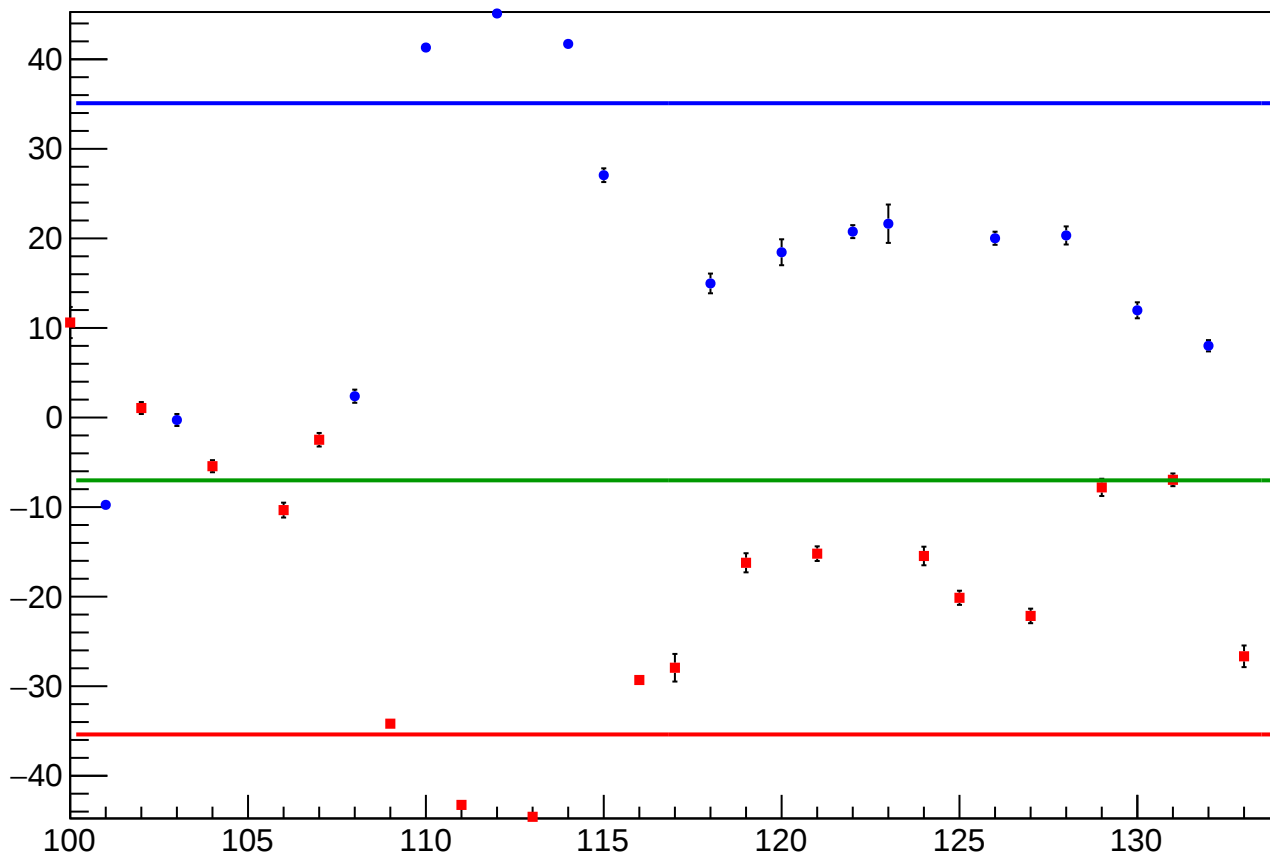
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.427 ± 0.008 χ^2/NDF : 2613.7/15

0.021 ± 0.006 χ^2/NDF : 11202.7/33

0.403 ± 0.008 χ^2/NDF : 3374.4/17

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 35.094+/-0.107 χ^2/NDF : 22919.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.386+/-0.088 χ^2/NDF : 17660.9/17

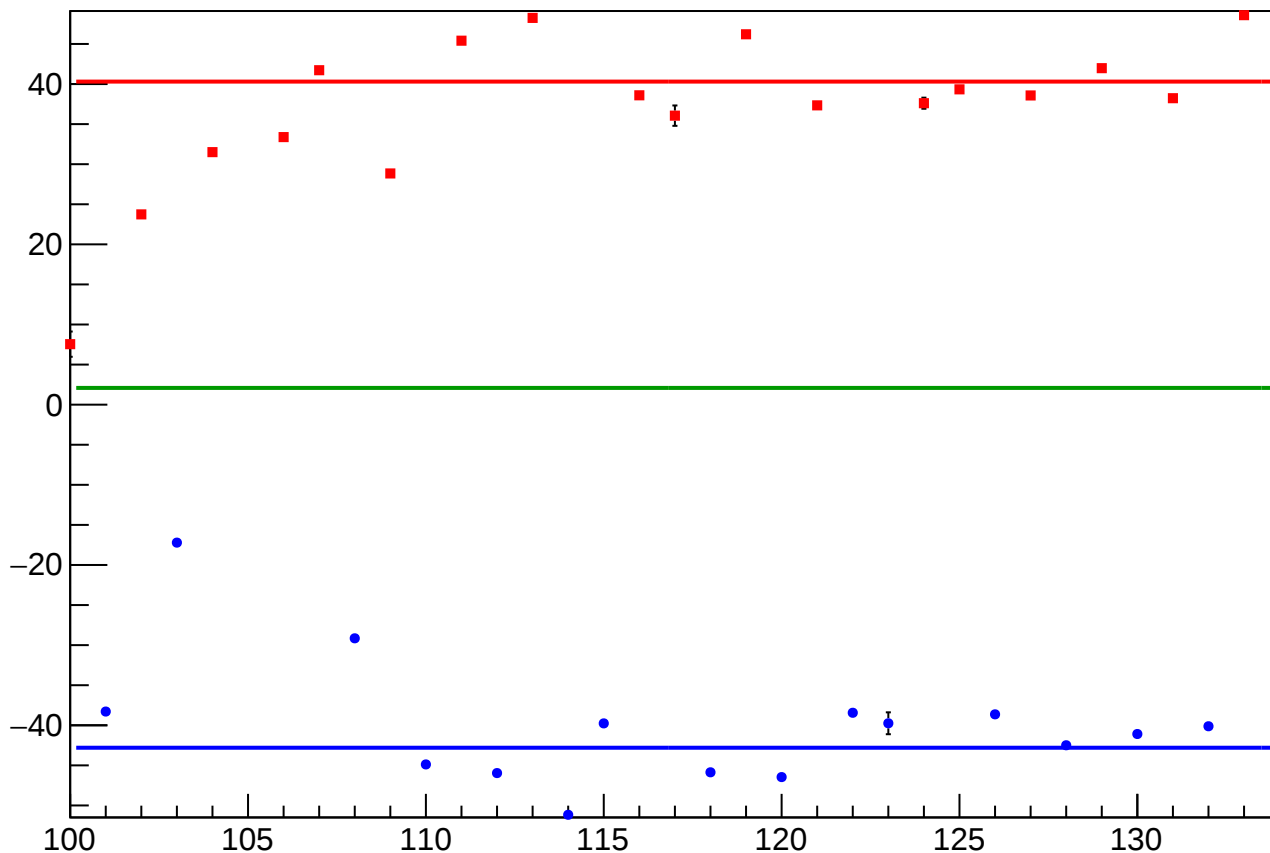
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.094+/-0.107 χ^2/NDF : 22919.4/15

-7.014+/-0.068 χ^2/NDF : 301027.2/33

-35.386+/-0.088 χ^2/NDF : 17660.9/17

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.799+/-0.081 χ^2/NDF : 5556.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.305+/-0.074 χ^2/NDF : 11072.3/17

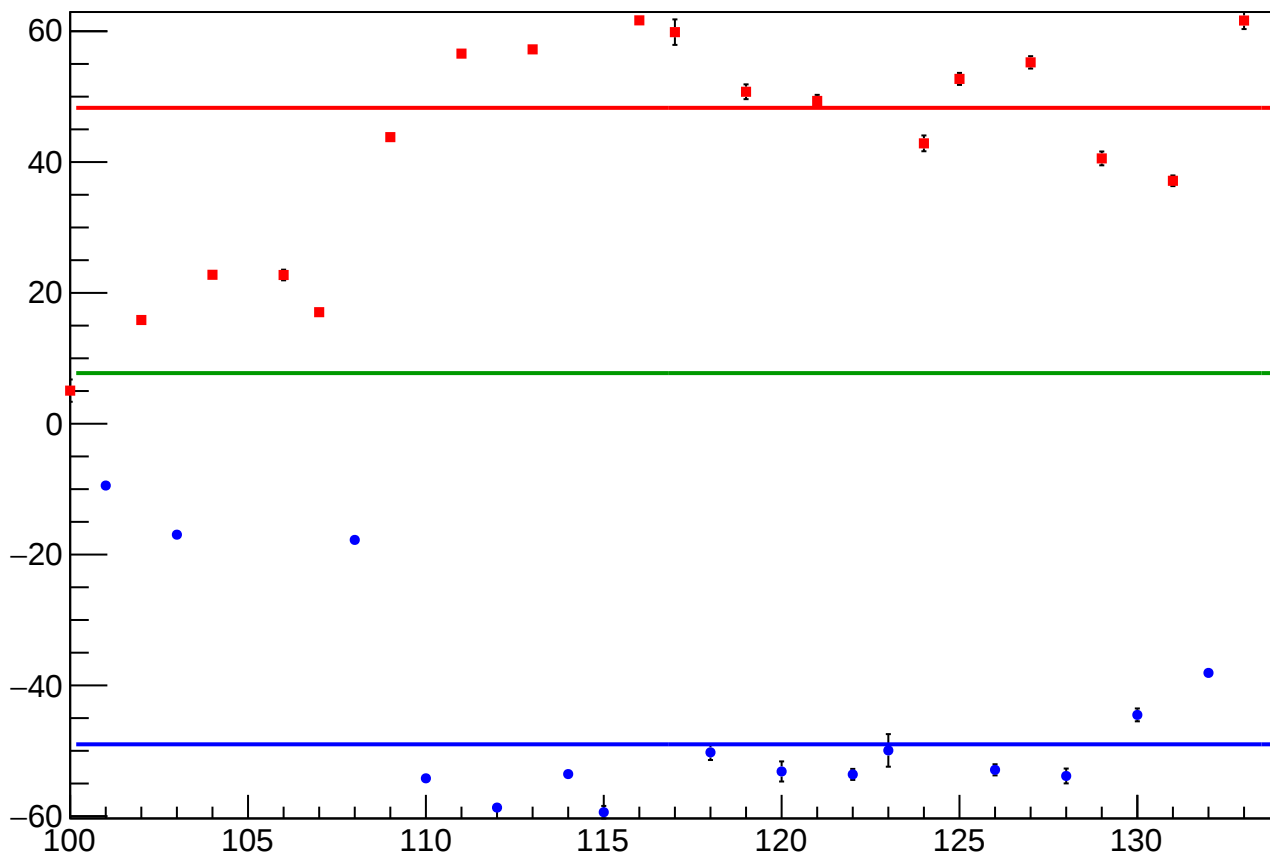
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-42.799+/-0.081 χ^2/NDF : 5556.4/15

2.090+/-0.055 χ^2/NDF : 590200.3/33

40.305+/-0.074 χ^2/NDF : 11072.3/17

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.007 $\pm$ 0.129 χ^2 /NDF: 14593.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.289 $\pm$ 0.109 χ^2 /NDF: 11676.3/17

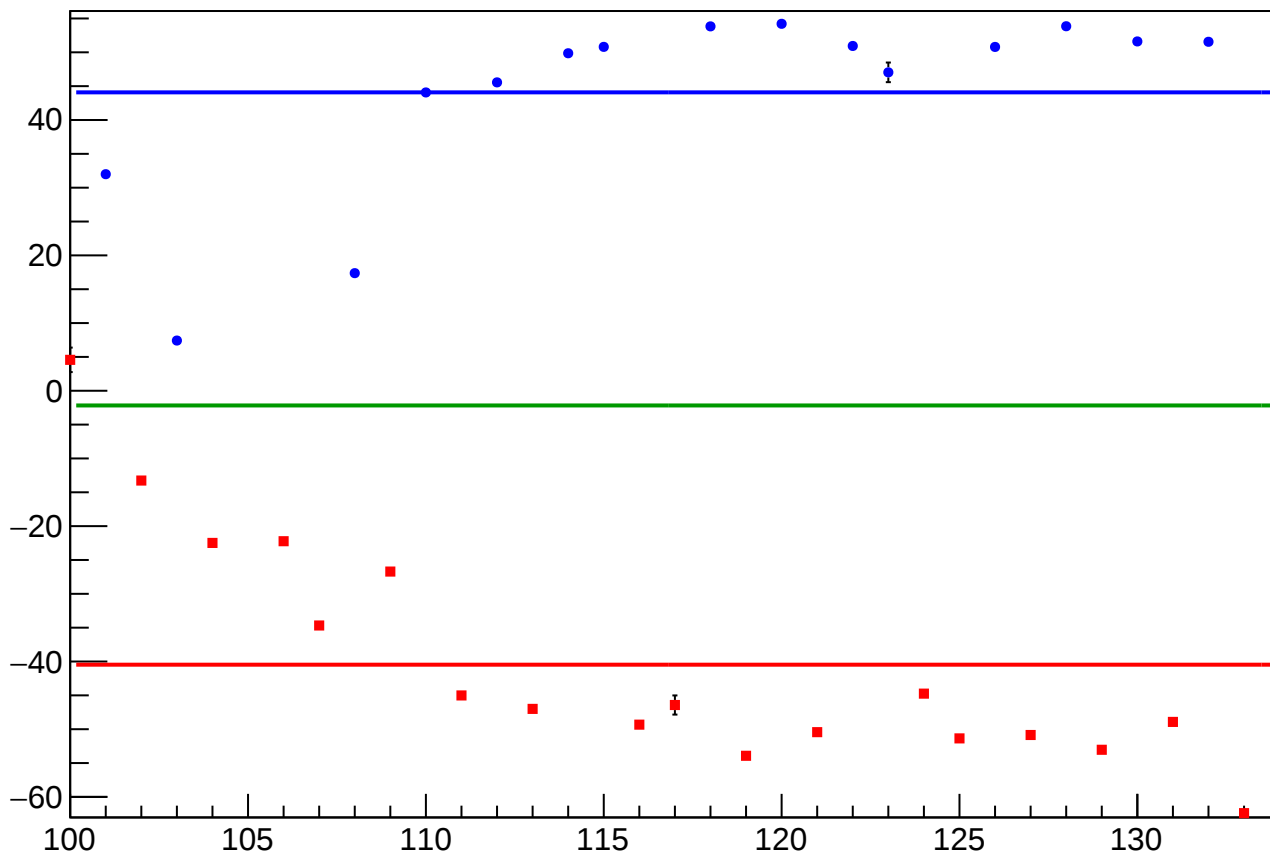
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-49.007 $\pm$ 0.129 χ^2 /NDF: 14593.9/15

7.740 $\pm$ 0.083 χ^2 /NDF: 357991.0/33

48.289 $\pm$ 0.109 χ^2 /NDF: 11676.3/17

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.084 ± 0.090 χ^2/NDF : 10373.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.469 ± 0.082 χ^2/NDF : 17584.3/17

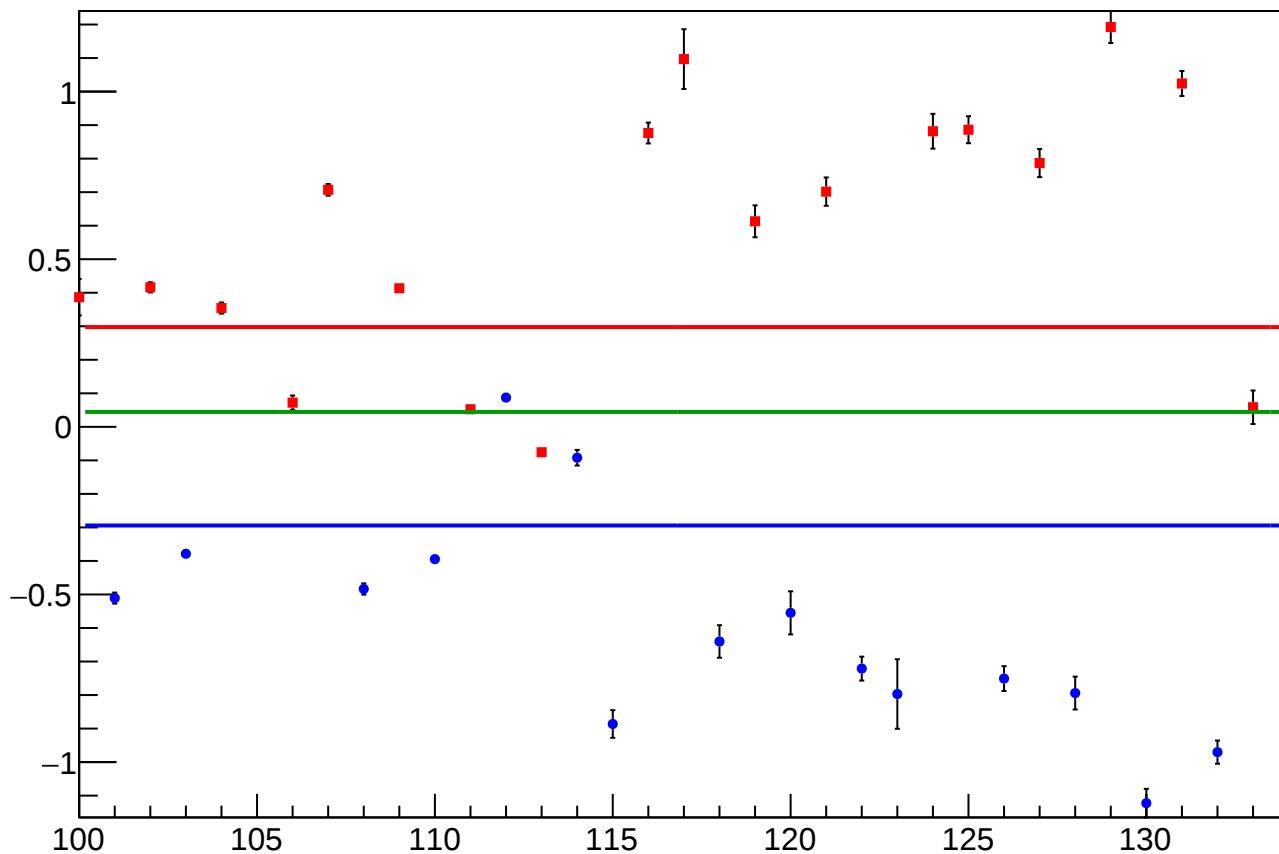
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

44.084 ± 0.090 χ^2/NDF : 10373.9/15

-2.171 ± 0.061 χ^2/NDF : 505836.0/33

-40.469 ± 0.082 χ^2/NDF : 17584.3/17

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.294 ± 0.005 χ^2/NDF : 3807.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.298 ± 0.005 χ^2/NDF : 4499.2/17

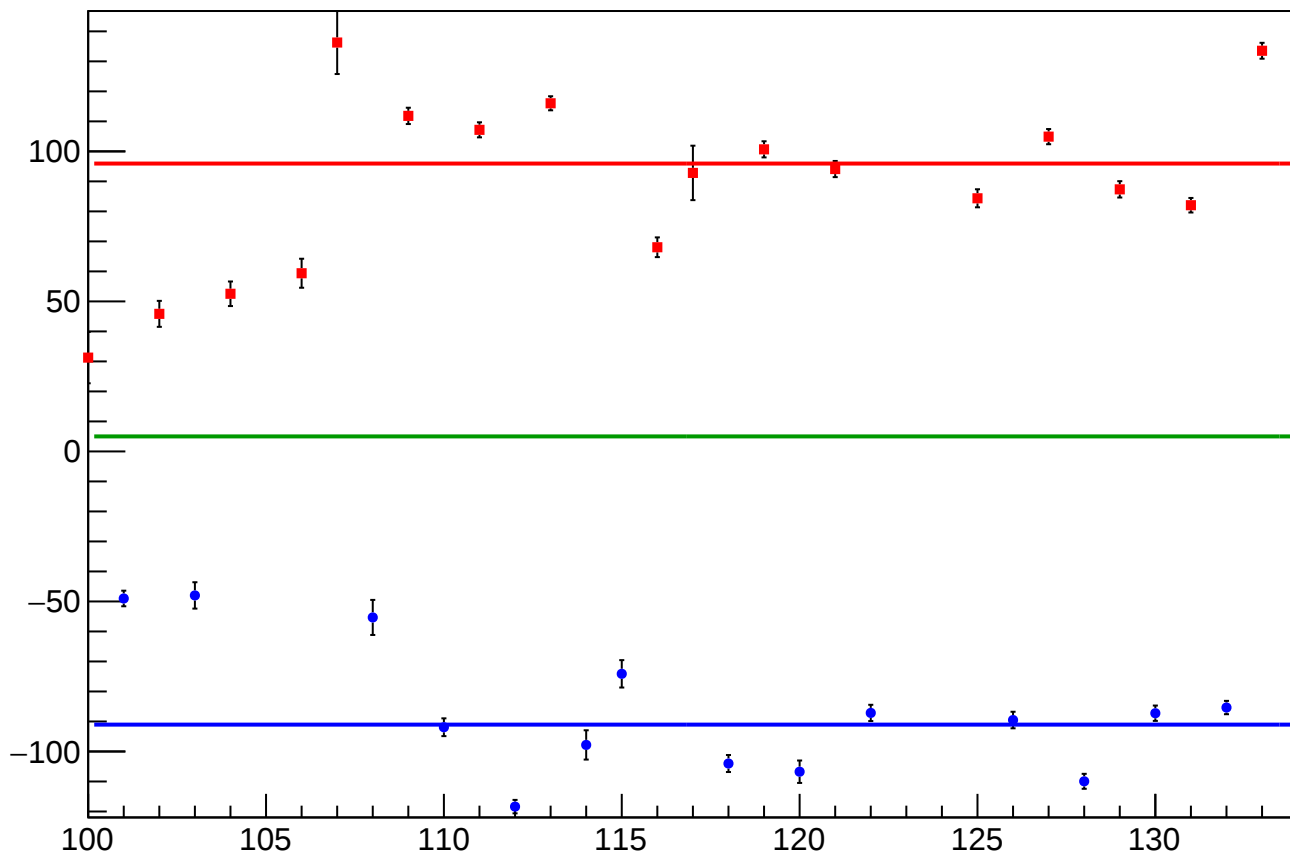
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.294 ± 0.005 χ^2/NDF : 3807.1/15

0.044 ± 0.003 χ^2/NDF : 15650.5/33

0.298 ± 0.005 χ^2/NDF : 4499.2/17

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -91.049+/-0.777 χ^2/NDF : 697.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.941+/-0.756 χ^2/NDF : 850.5/16

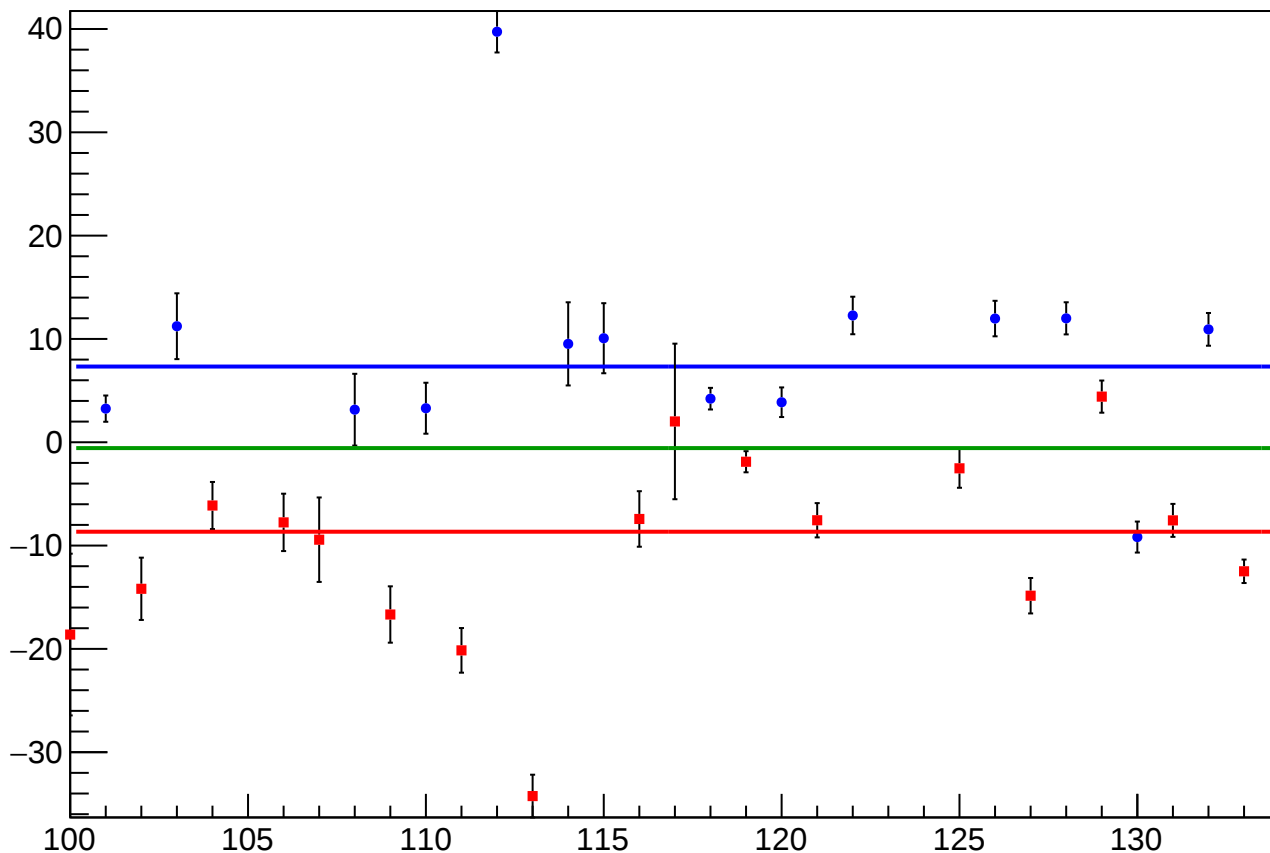
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-91.049+/-0.777 χ^2/NDF : 697.4/14

5.005+/-0.542 χ^2/NDF : 31303.5/31

95.941+/-0.756 χ^2/NDF : 850.5/16

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.328 ± 0.452 χ^2/NDF : 442.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.659 ± 0.458 χ^2/NDF : 348.8/16

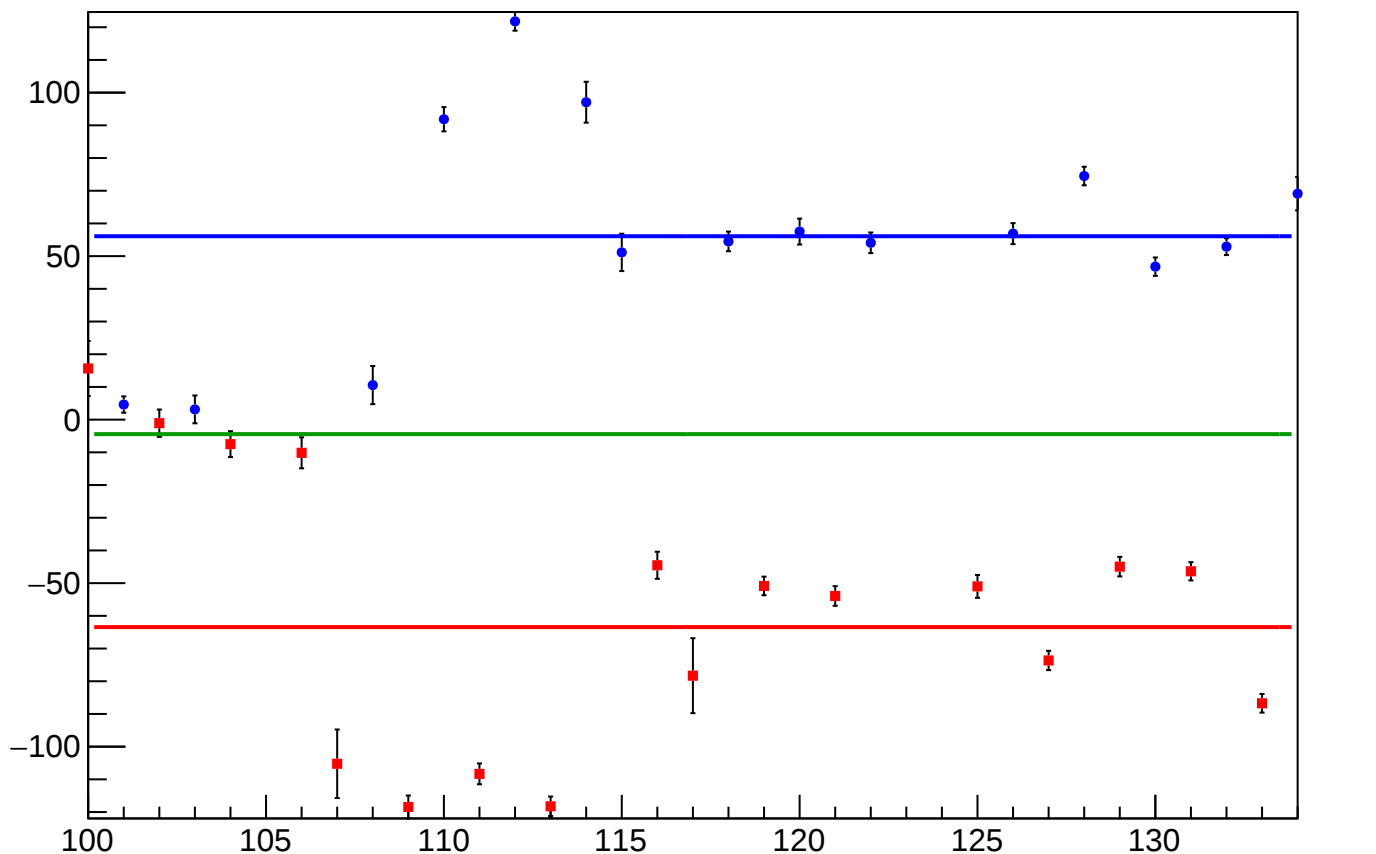
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.328 ± 0.452 χ^2/NDF : 442.3/14

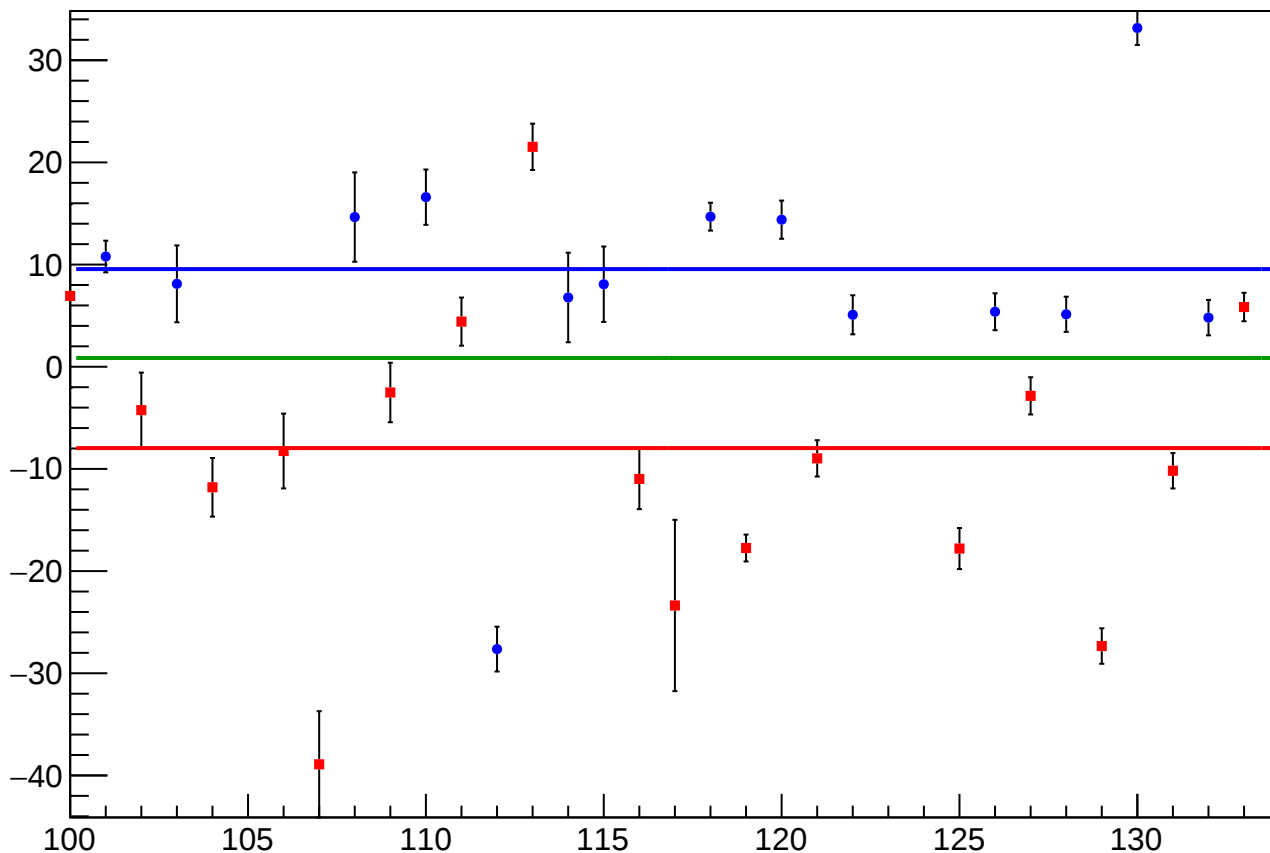
-0.565 ± 0.322 χ^2/NDF : 1408.3/31

-8.659 ± 0.458 χ^2/NDF : 348.8/16

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.558 $\pm$ 0.526 χ^2 /NDF: 548.3/14

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

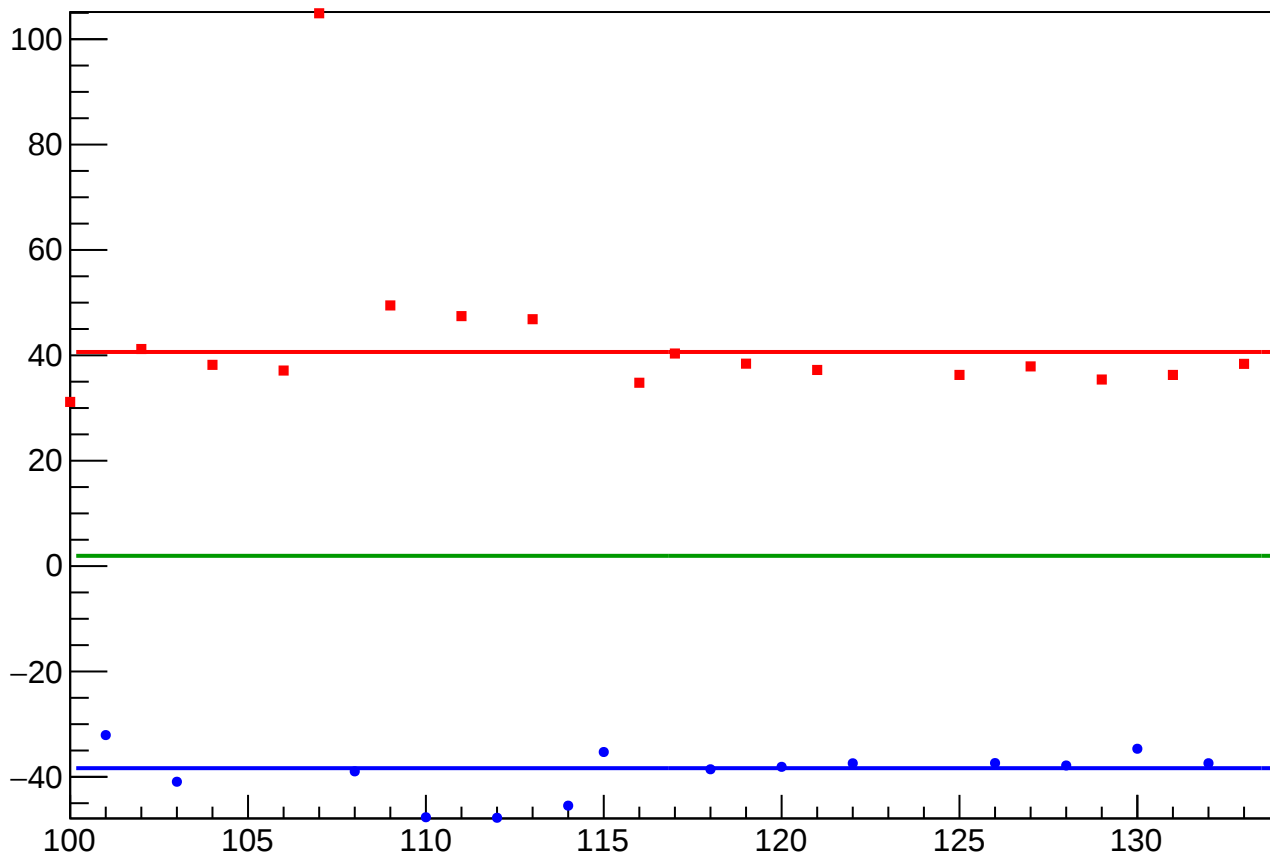
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.558 $\pm$ 0.526 χ^2 /NDF: 548.3/14

0.856 $\pm$ 0.373 χ^2 /NDF: 1656.3/31

-7.963 $\pm$ 0.530 χ^2 /NDF: 557.4/16

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.352+/-0.034 χ^2/NDF : 15167.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.638+/-0.033 χ^2/NDF : 87626.1/16

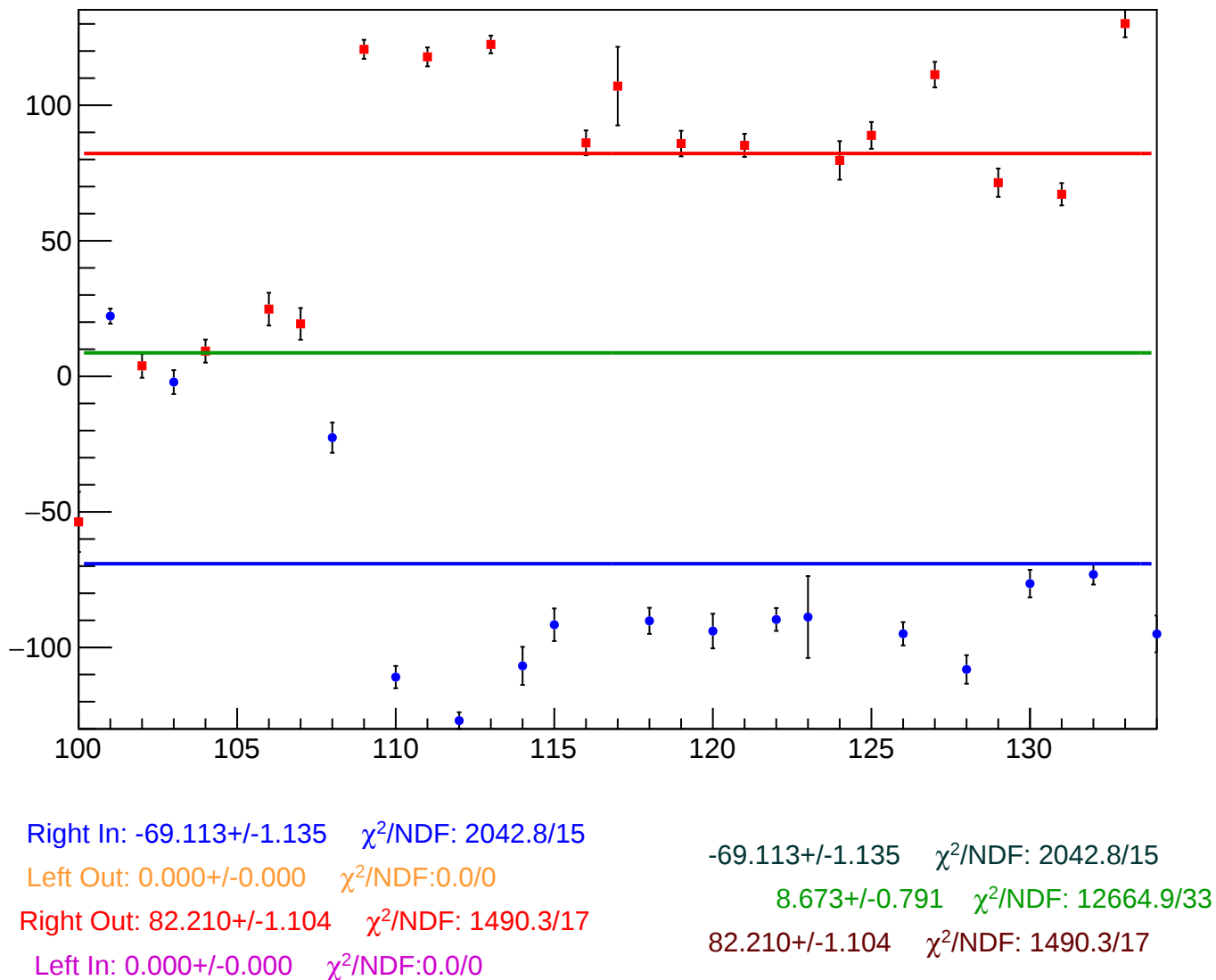
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.352+/-0.034 χ^2/NDF : 15167.2/14

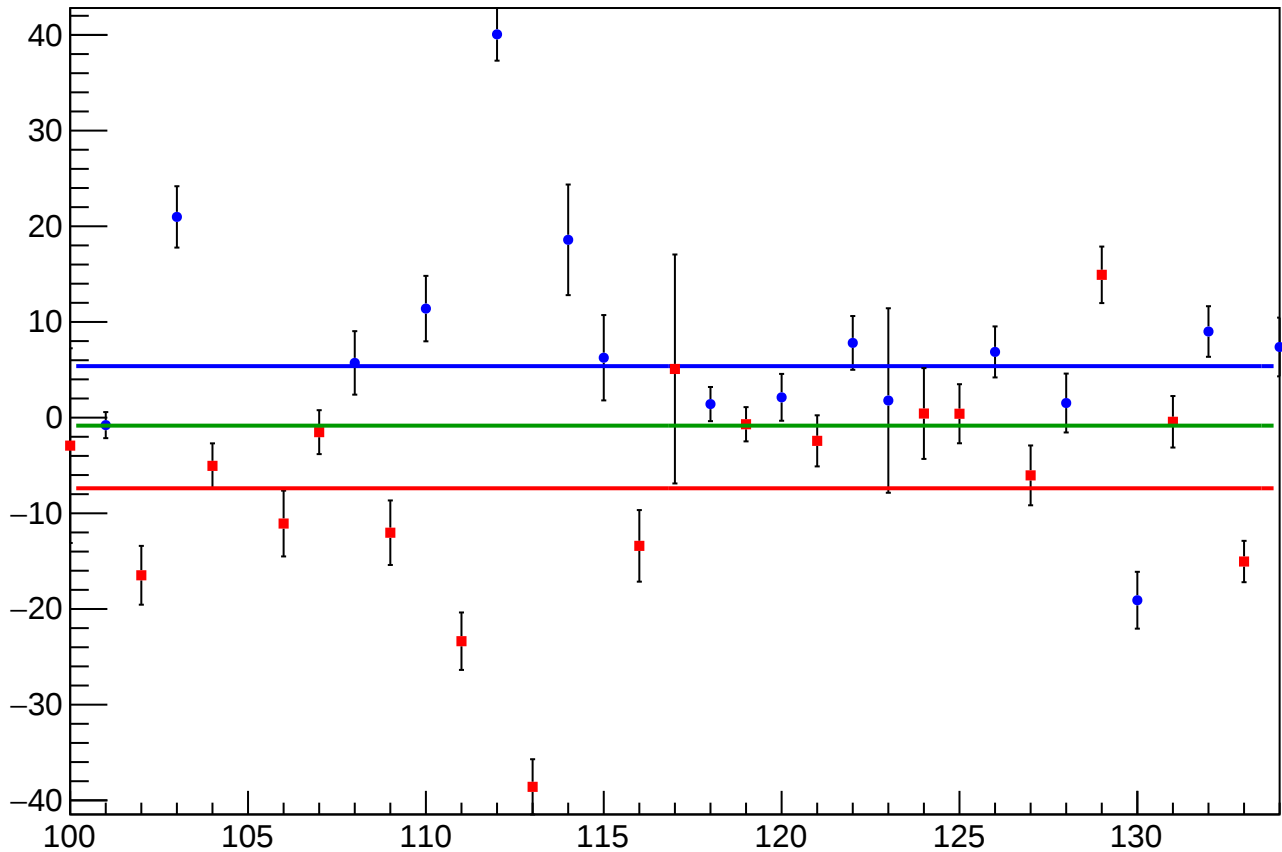
1.950+/-0.024 χ^2/NDF : 2838003.7/31

40.638+/-0.033 χ^2/NDF : 87626.1/16

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.382+/-0.666 χ^2/NDF : 290.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.384+/-0.684 χ^2/NDF : 271.4/17

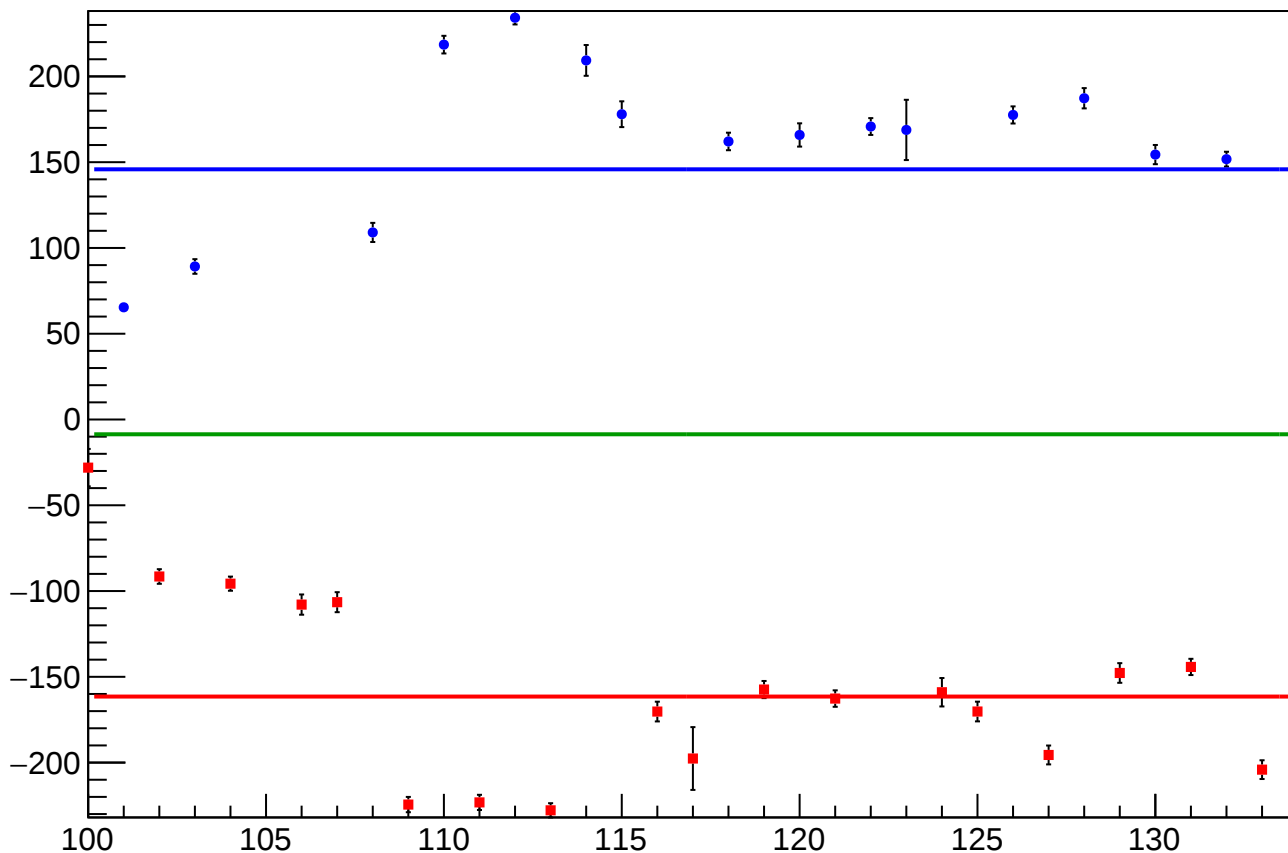
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.382+/-0.666 χ^2/NDF : 290.9/15

-0.836+/-0.477 χ^2/NDF : 741.0/33

-7.384+/-0.684 χ^2/NDF : 271.4/17

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 145.845 ± 1.254 χ^2/NDF : 2041.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -161.509 ± 1.247 χ^2/NDF : 1621.7/17

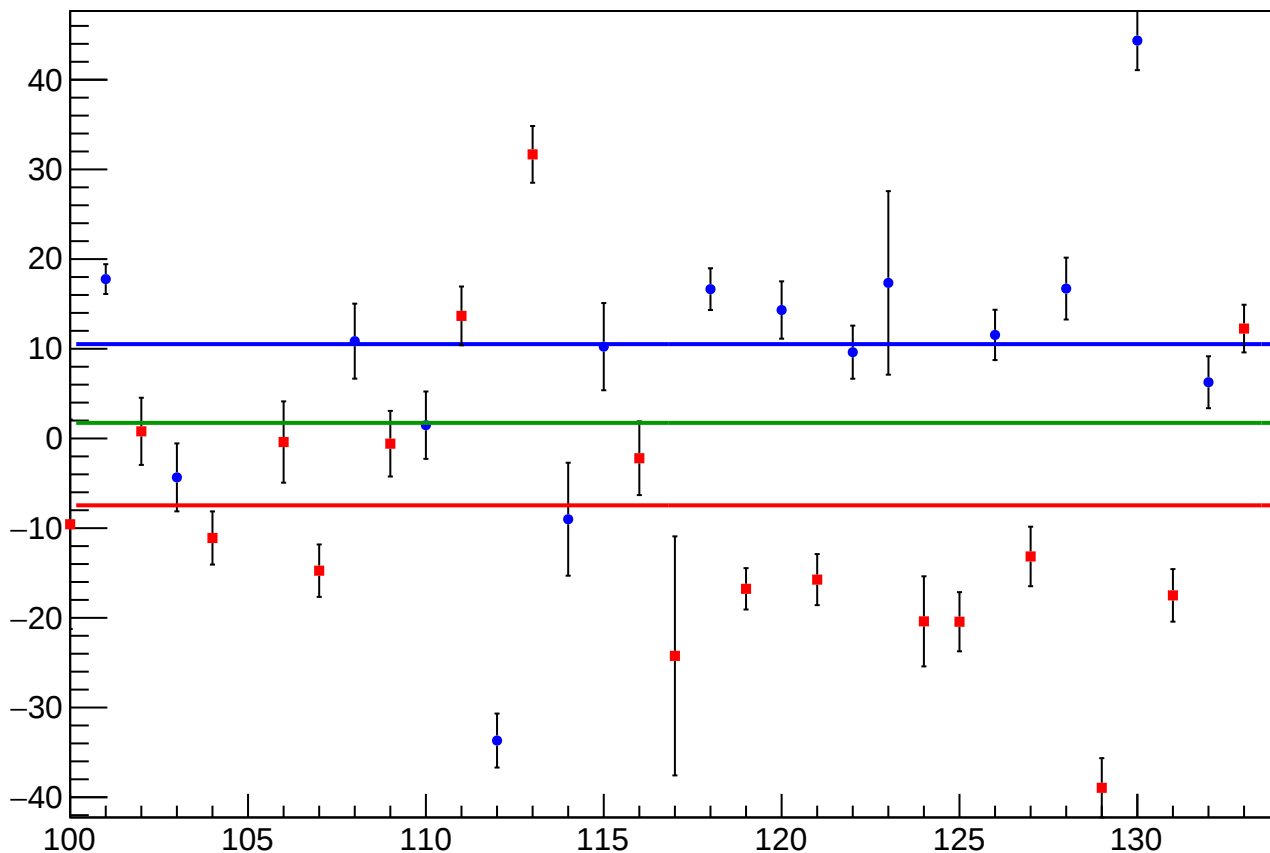
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

145.845 ± 1.254 χ^2/NDF : 2041.8/15

-8.618 ± 0.884 χ^2/NDF : 33870.9/33

-161.509 ± 1.247 χ^2/NDF : 1621.7/17

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.519+/-0.779 χ^2/NDF : 386.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.454+/-0.797 χ^2/NDF : 423.7/17

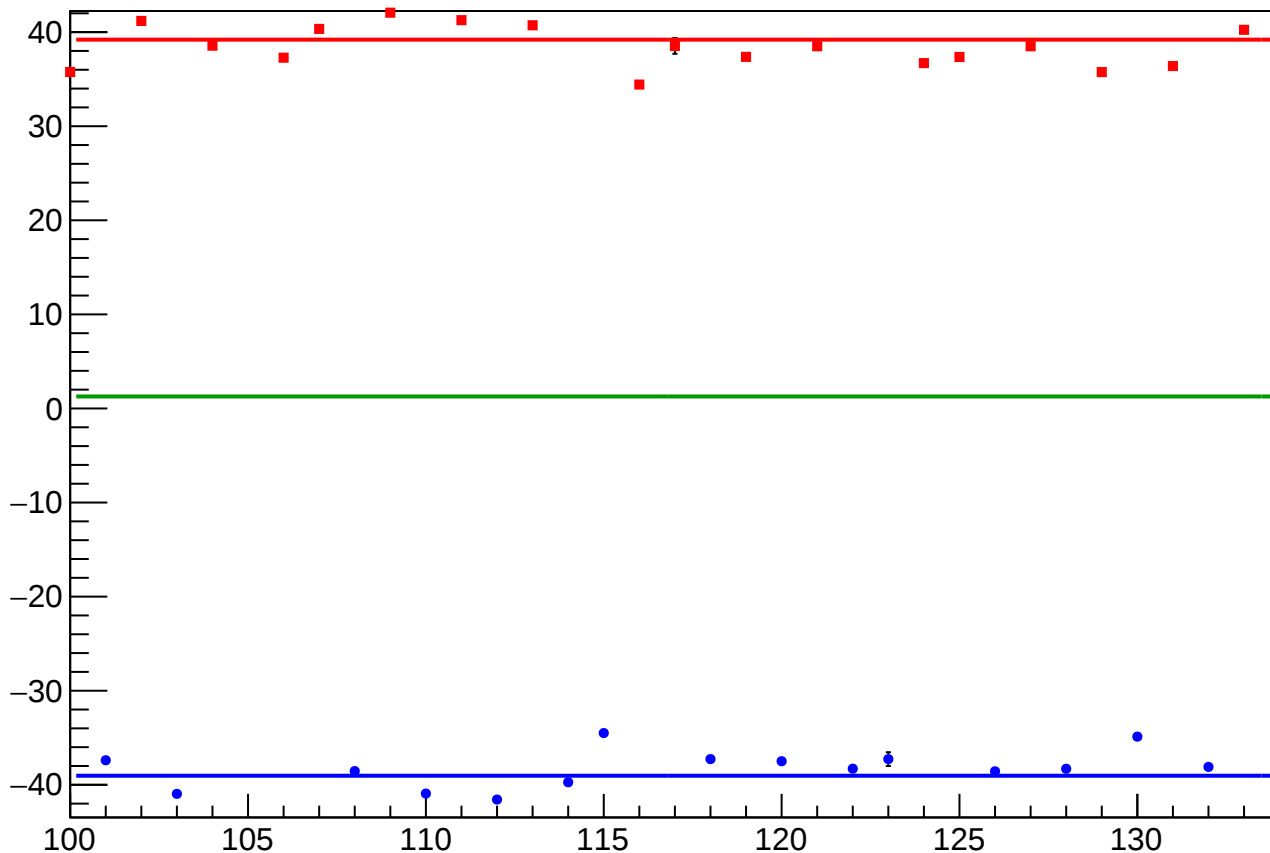
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.519+/-0.779 χ^2/NDF : 386.6/15

1.740+/-0.557 χ^2/NDF : 1070.4/33

-7.454+/-0.797 χ^2/NDF : 423.7/17

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.036+/-0.044 χ^2/NDF : 2116.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.201+/-0.043 χ^2/NDF : 2080.9/17

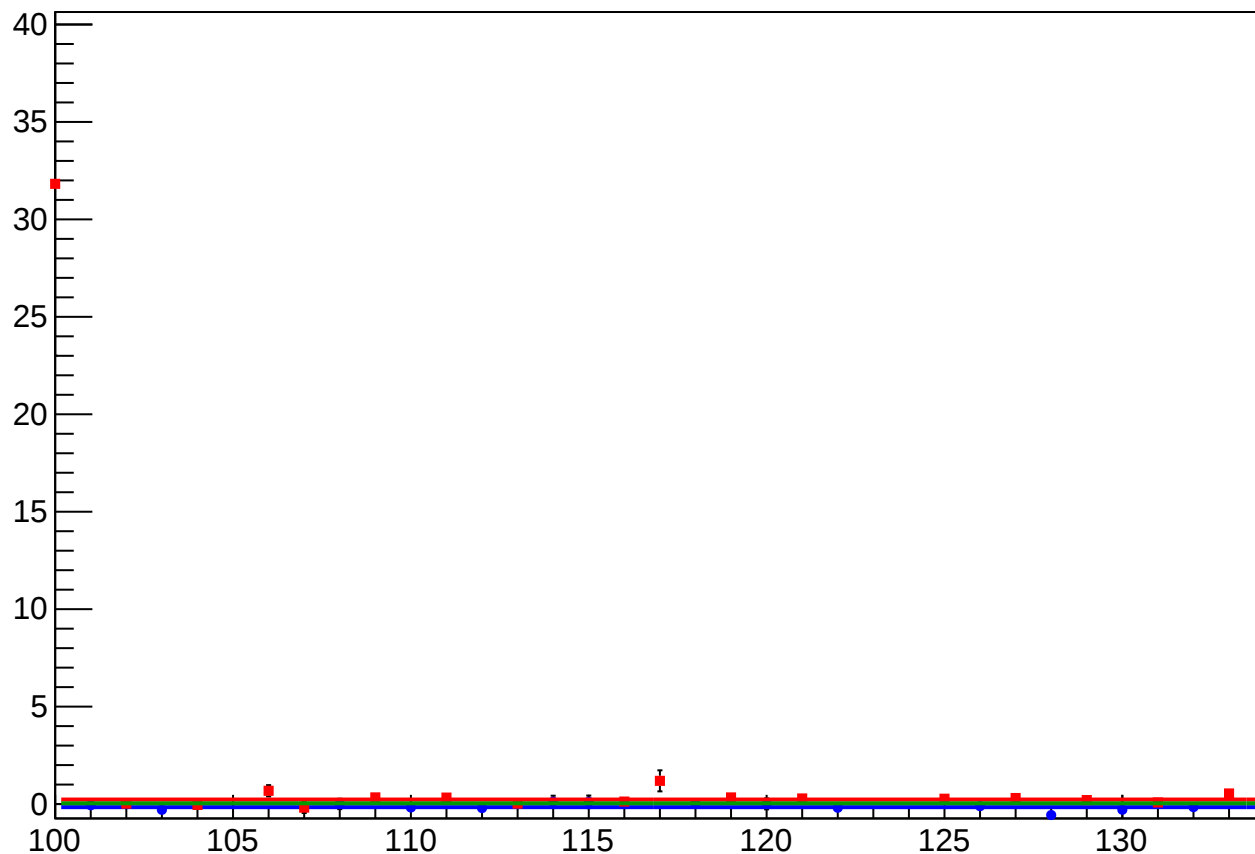
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-39.036+/-0.044 χ^2/NDF : 2116.3/15

1.275+/-0.031 χ^2/NDF : 1598048.7/33

39.201+/-0.043 χ^2/NDF : 2080.9/17

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.159+/-0.050 χ^2/NDF : 11.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.233+/-0.050 χ^2/NDF : 30.8/16

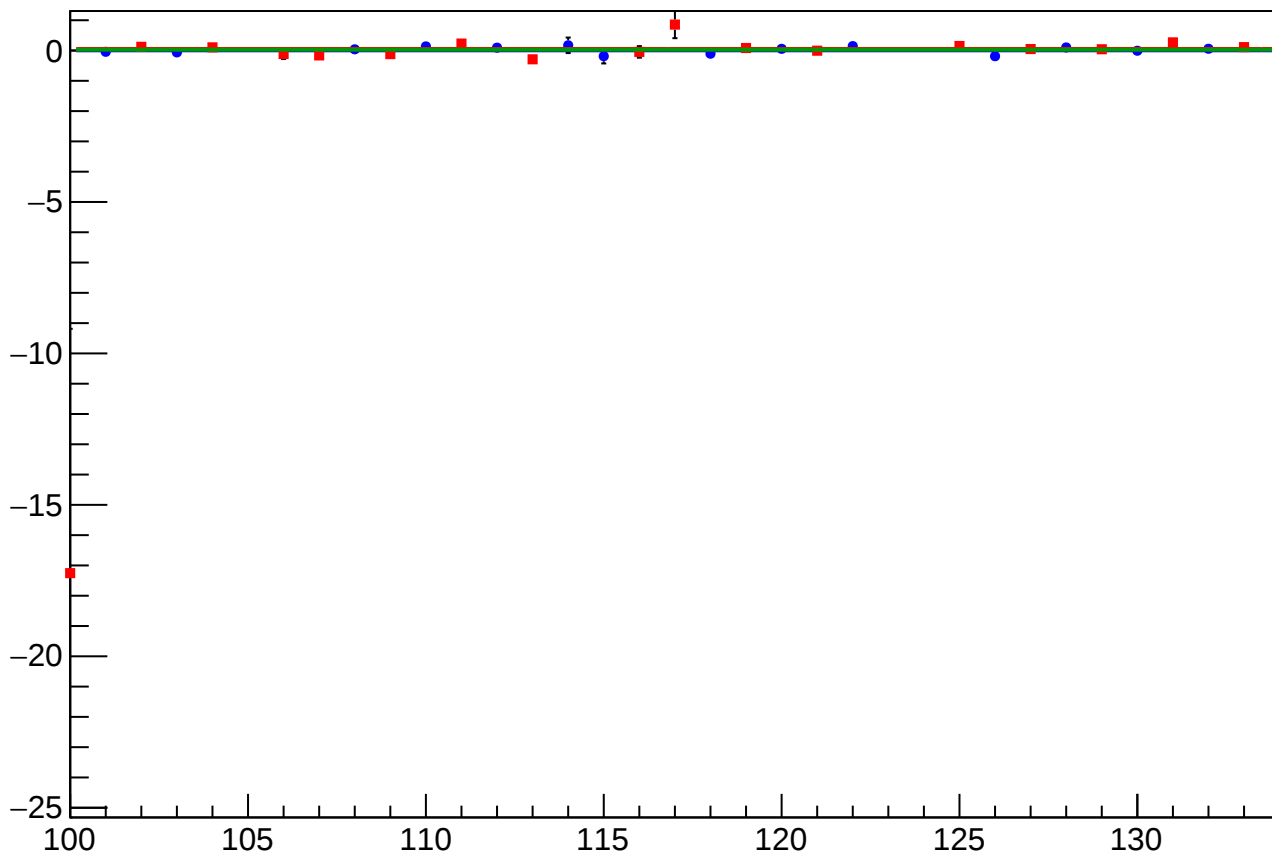
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.159+/-0.050 χ^2/NDF : 11.8/14

0.040+/-0.035 χ^2/NDF : 73.1/31

0.233+/-0.050 χ^2/NDF : 30.8/16

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.030 χ^2 /NDF: 12.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.052 $\pm$ 0.030 χ^2 /NDF: 27.5/16

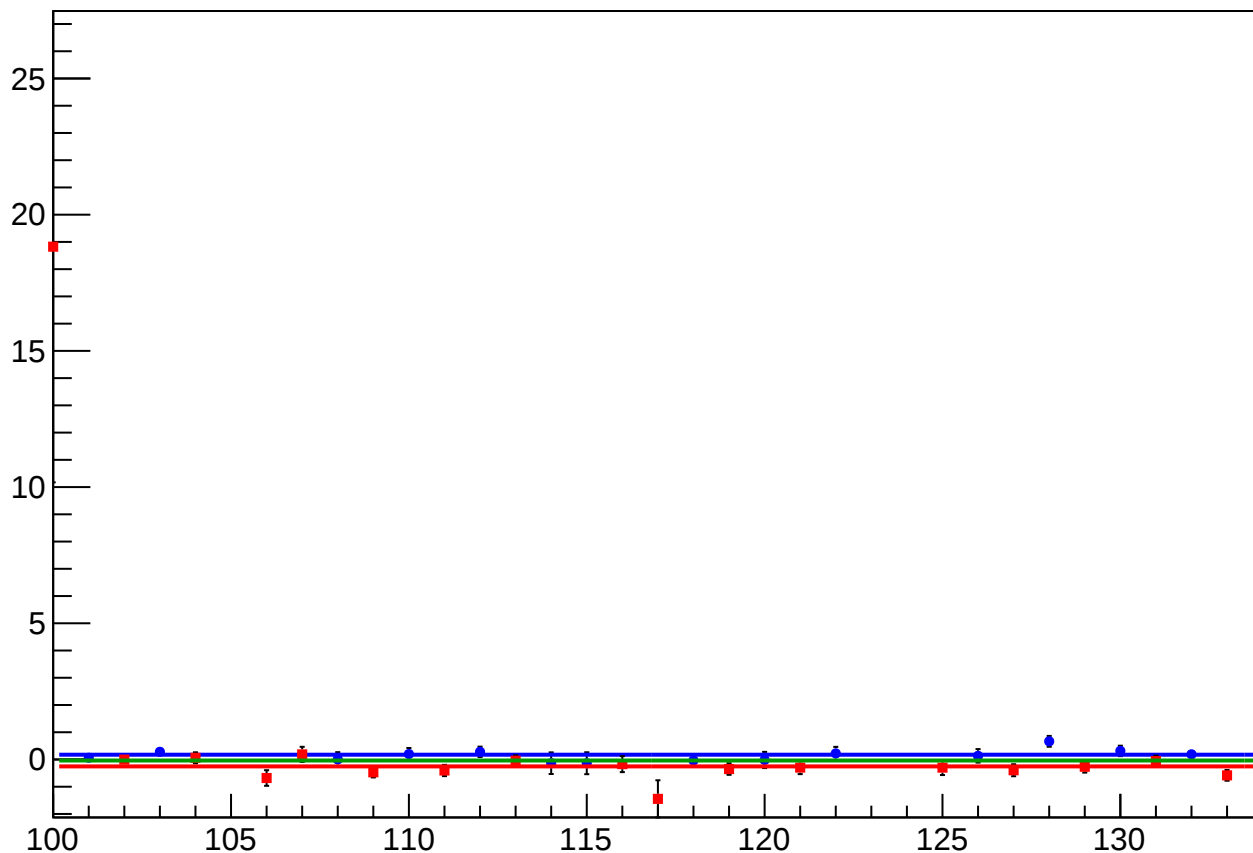
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.008 $\pm$ 0.030 χ^2 /NDF: 12.1/14

0.029 $\pm$ 0.021 χ^2 /NDF: 40.7/31

0.052 $\pm$ 0.030 χ^2 /NDF: 27.5/16

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.175+/-0.056 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.254+/-0.056 χ^2/NDF : 24.4/16

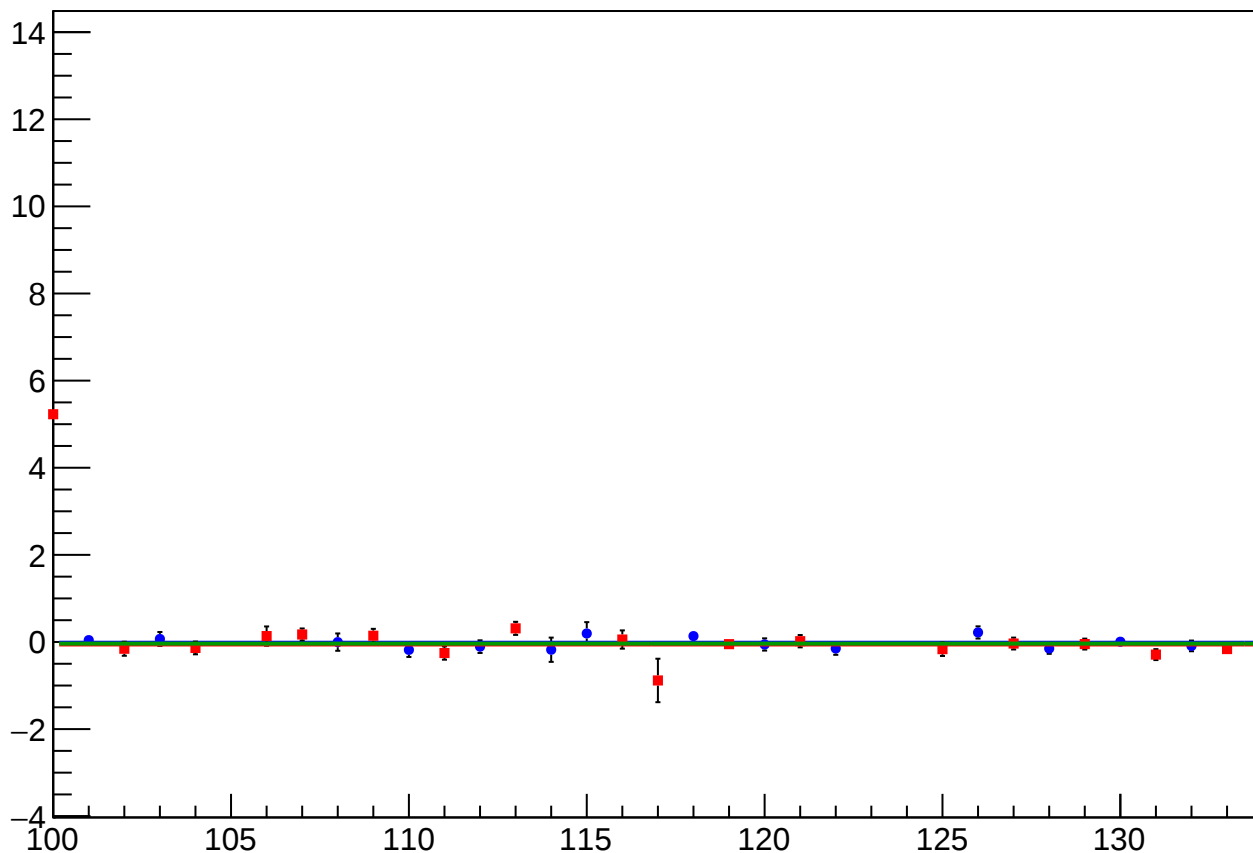
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.175+/-0.056 χ^2/NDF : 13.0/14

-0.038+/-0.040 χ^2/NDF : 66.9/31

-0.254+/-0.056 χ^2/NDF : 24.4/16

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.017 ± 0.035 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.035 χ^2/NDF : 22.3/16

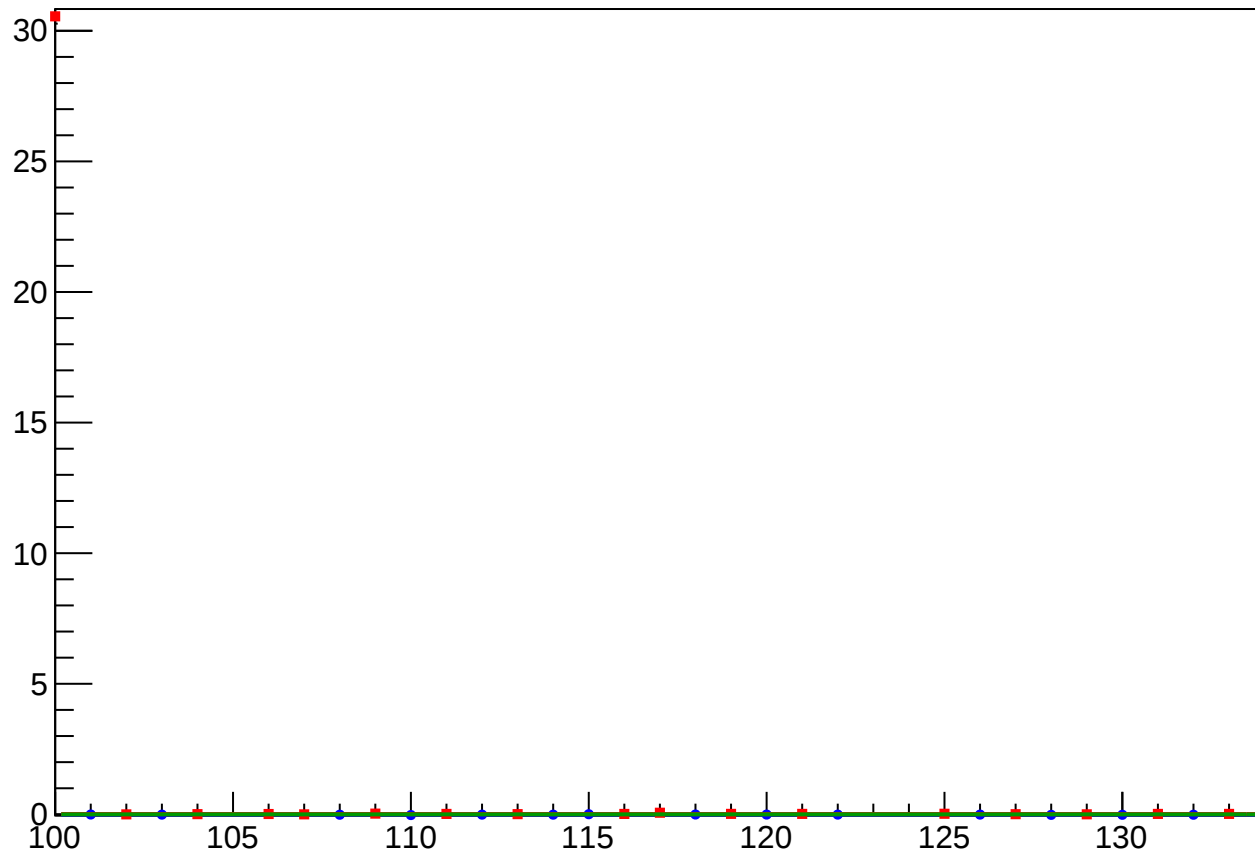
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.017 ± 0.035 χ^2/NDF : 13.5/14

-0.037 ± 0.025 χ^2/NDF : 36.4/31

-0.058 ± 0.035 χ^2/NDF : 22.3/16

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 +/- 0.002 χ^2 /NDF: 12.6/14

Left Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 +/- 0.002 χ^2 /NDF: 11889.1/16

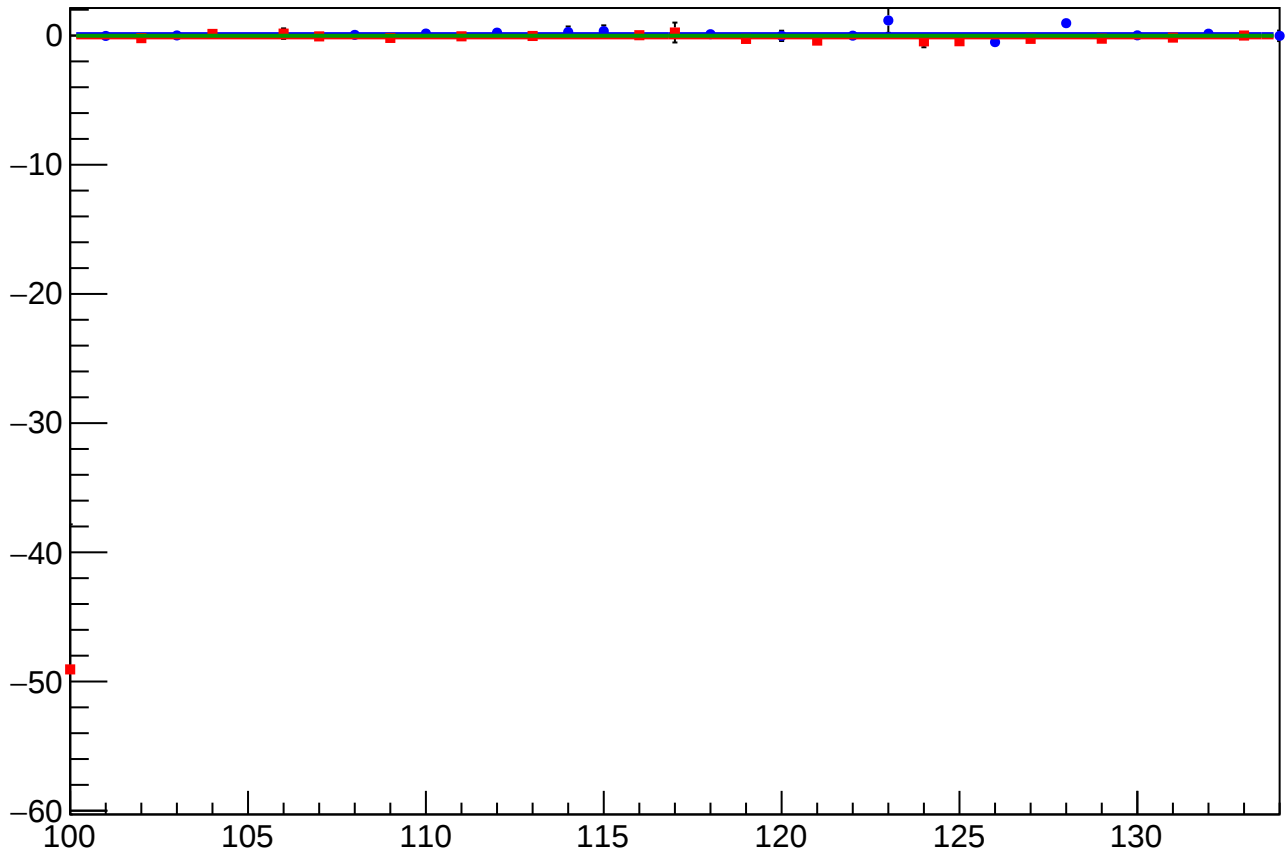
Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

-0.012 +/- 0.002 χ^2 /NDF: 12.6/14

0.001 +/- 0.001 χ^2 /NDF: 11976.0/31

0.012 +/- 0.002 χ^2 /NDF: 11889.1/16

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.111+/-0.065 χ^2/NDF : 20.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.141+/-0.066 χ^2/NDF : 24.6/17

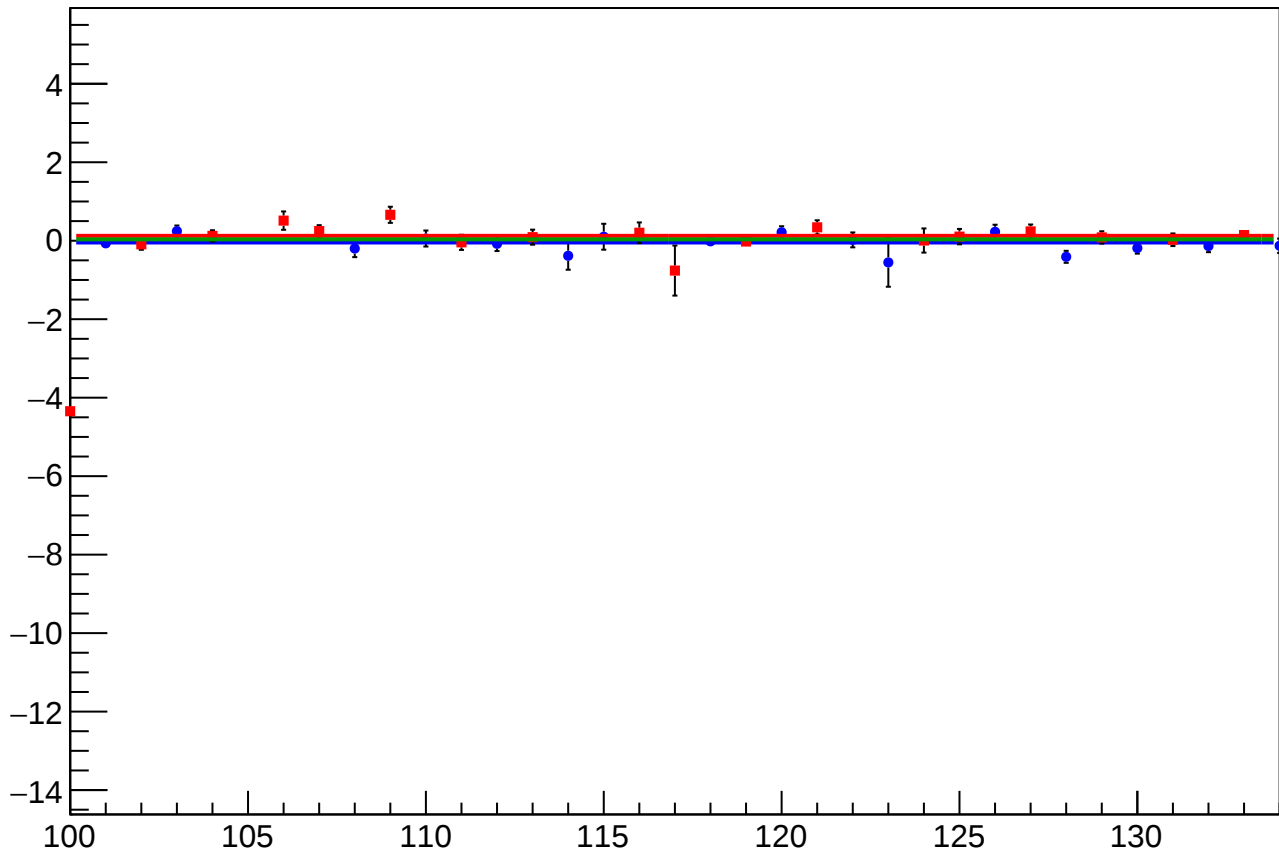
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.111+/-0.065 χ^2/NDF : 20.5/15

-0.014+/-0.046 χ^2/NDF : 52.4/33

-0.141+/-0.066 χ^2/NDF : 24.6/17

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.045 ± 0.038 χ^2/NDF : 19.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.124 ± 0.041 χ^2/NDF : 19.9/17

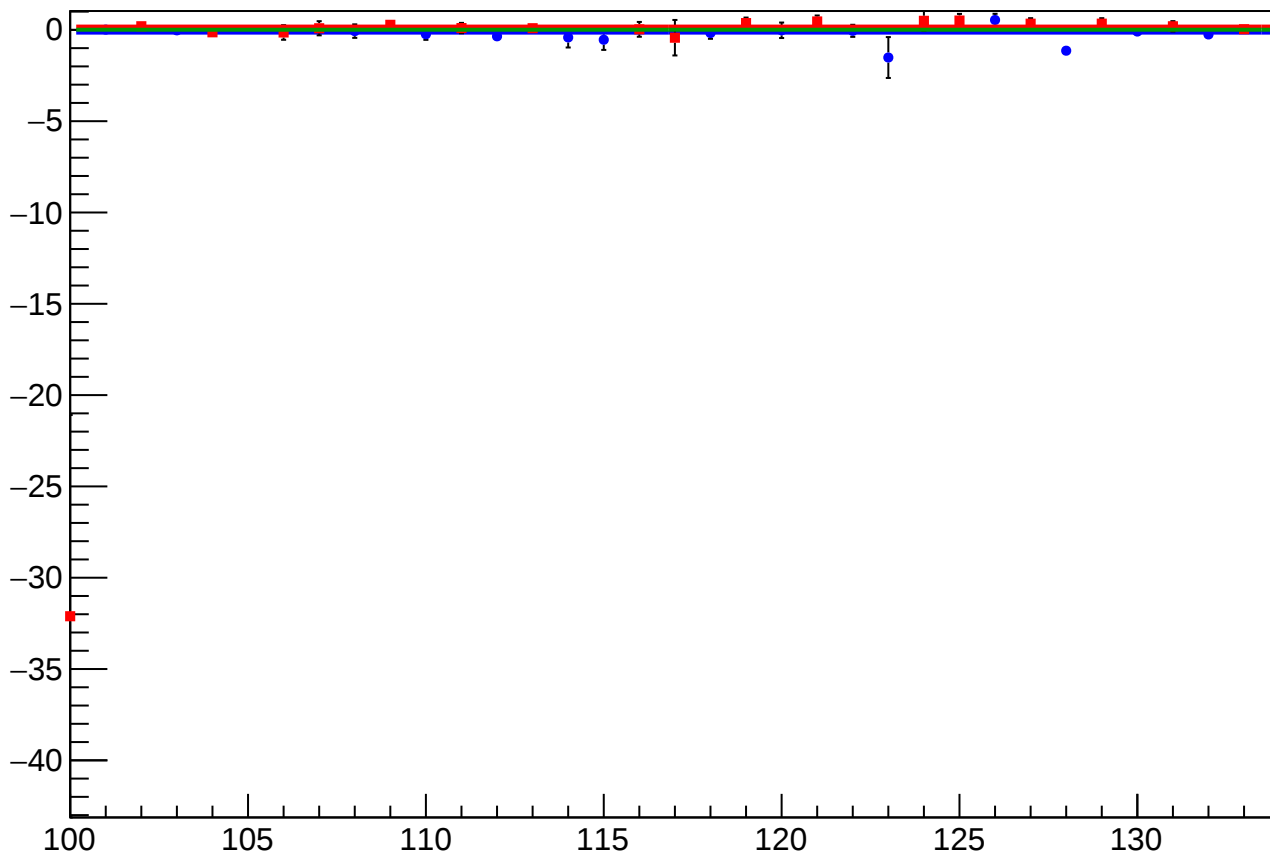
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.045 ± 0.038 χ^2/NDF : 19.2/15

0.034 ± 0.028 χ^2/NDF : 48.3/33

0.124 ± 0.041 χ^2/NDF : 19.9/17

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.150 ± 0.071 χ^2/NDF : 22.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.180 ± 0.074 χ^2/NDF : 15.0/17

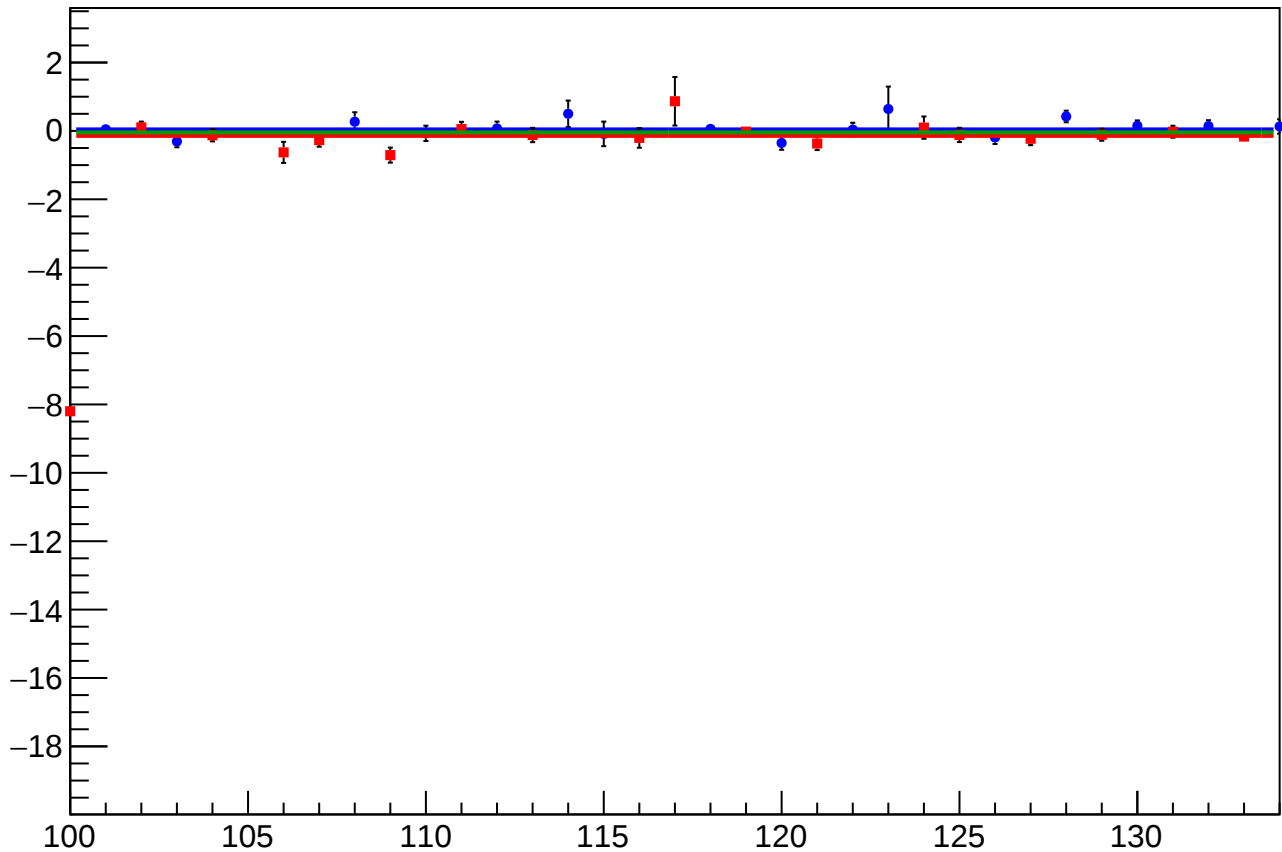
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.150 ± 0.071 χ^2/NDF : 22.3/15

0.009 ± 0.051 χ^2/NDF : 47.7/33

0.180 ± 0.074 χ^2/NDF : 15.0/17

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.044 $\pm$ 0.045 χ^2 /NDF: 19.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.144 $\pm$ 0.047 χ^2 /NDF: 18.4/17

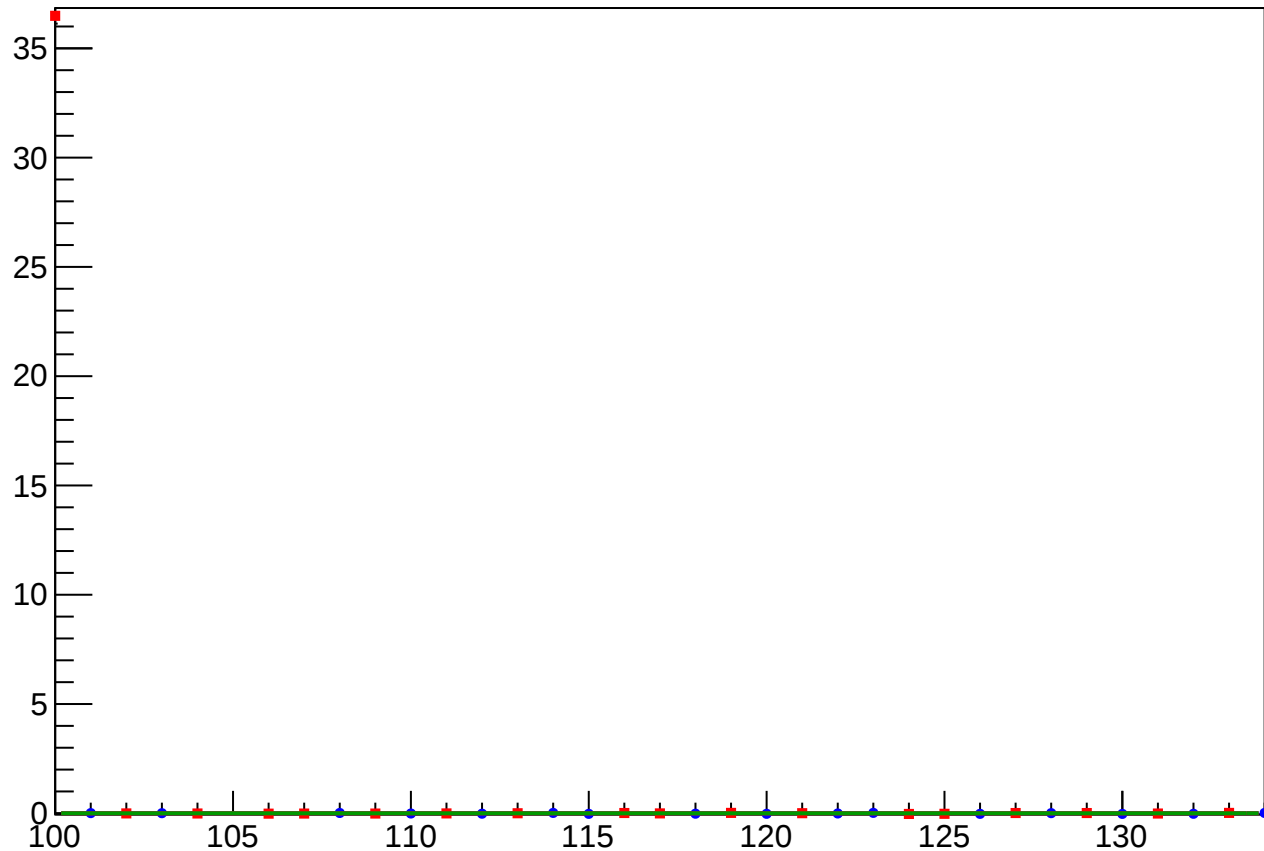
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.044 $\pm$ 0.045 χ^2 /NDF: 19.0/15

-0.045 $\pm$ 0.033 χ^2 /NDF: 45.8/33

-0.144 $\pm$ 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 : 29.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.002 χ^2/NDF : 10447.5/17

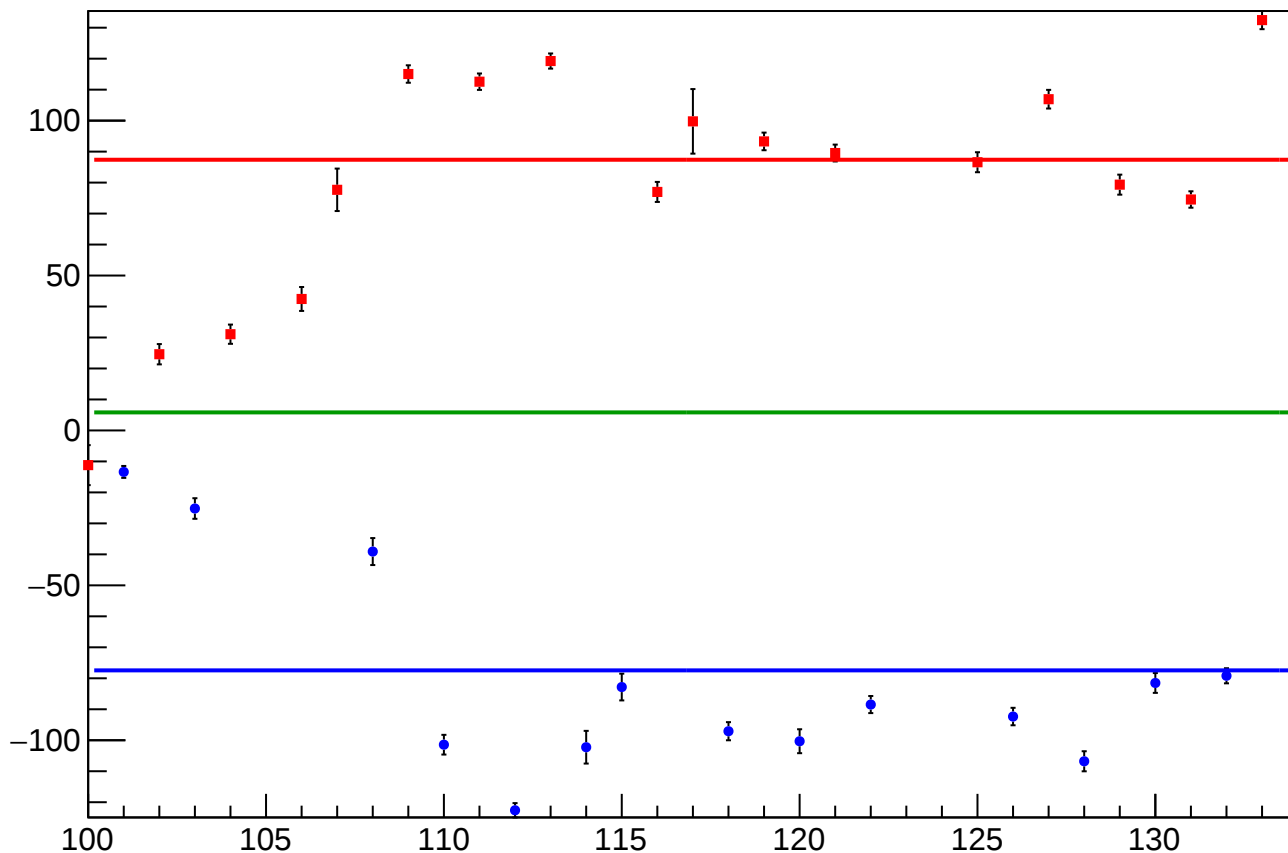
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.000 ± 0.002 χ^2/NDF : 29.5/15

-0.001 ± 0.002 χ^2/NDF : 10477.5/33

-0.002 ± 0.002 χ^2/NDF : 10447.5/17

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -77.446 ± 0.782 χ^2/NDF : 2152.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 87.375 ± 0.774 χ^2/NDF : 1748.7/16

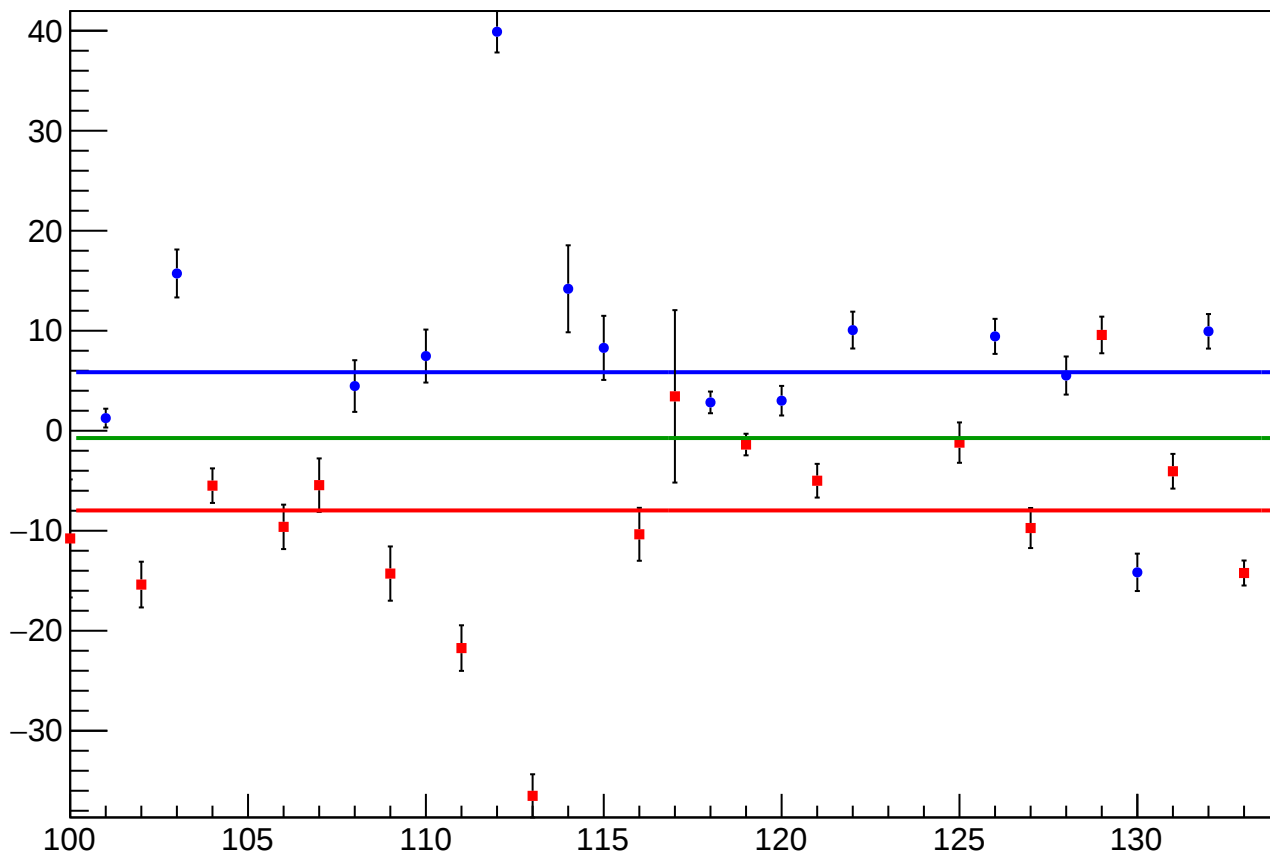
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-77.446 ± 0.782 χ^2/NDF : 2152.9/14

5.823 ± 0.550 χ^2/NDF : 26351.5/31

87.375 ± 0.774 χ^2/NDF : 1748.7/16

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.854+/-0.446 χ^2/NDF : 459.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.970+/-0.468 χ^2/NDF : 407.9/16

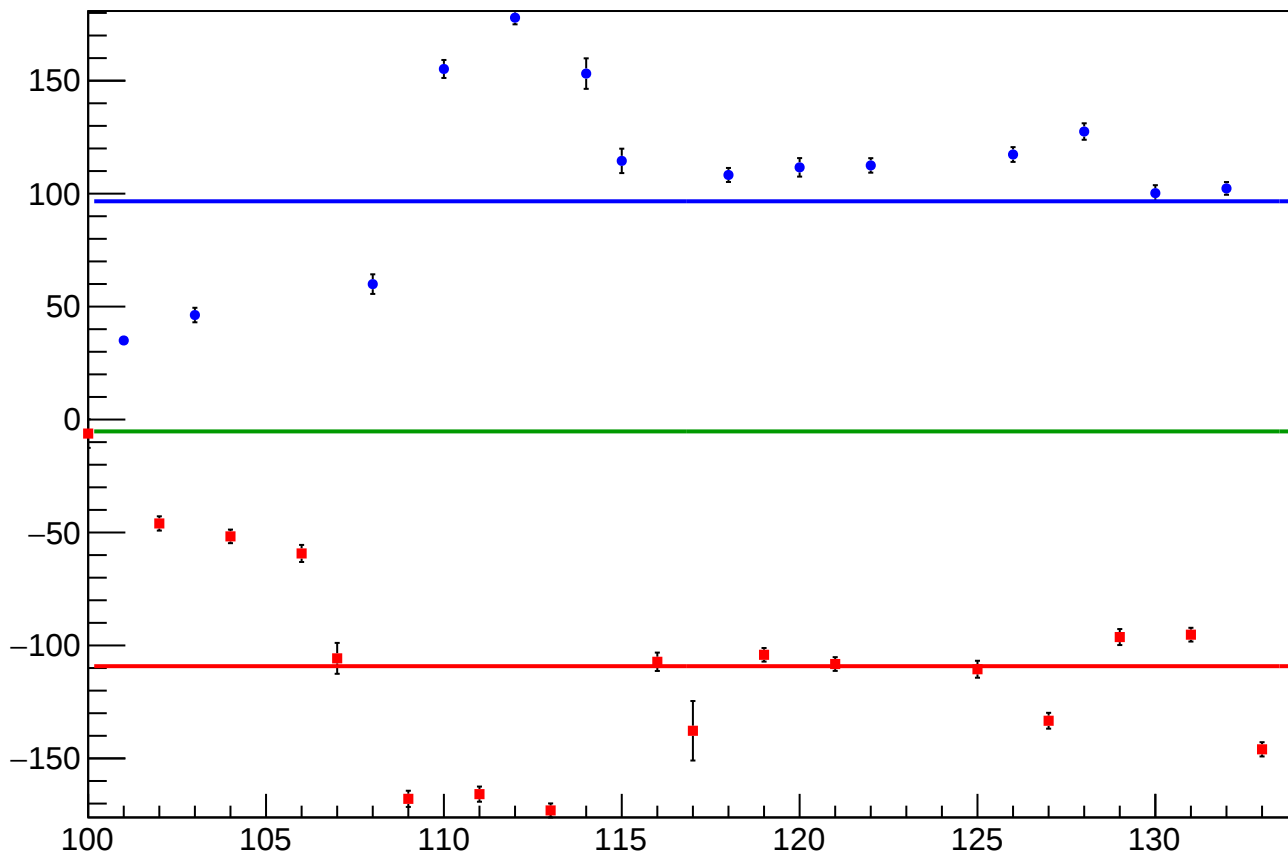
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.854+/-0.446 χ^2/NDF : 459.1/14

-0.731+/-0.323 χ^2/NDF : 1324.7/31

-7.970+/-0.468 χ^2/NDF : 407.9/16

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 96.619+/-0.861 χ^2 /NDF: 2674.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -109.177+/-0.870 χ^2 /NDF: 2404.7/16

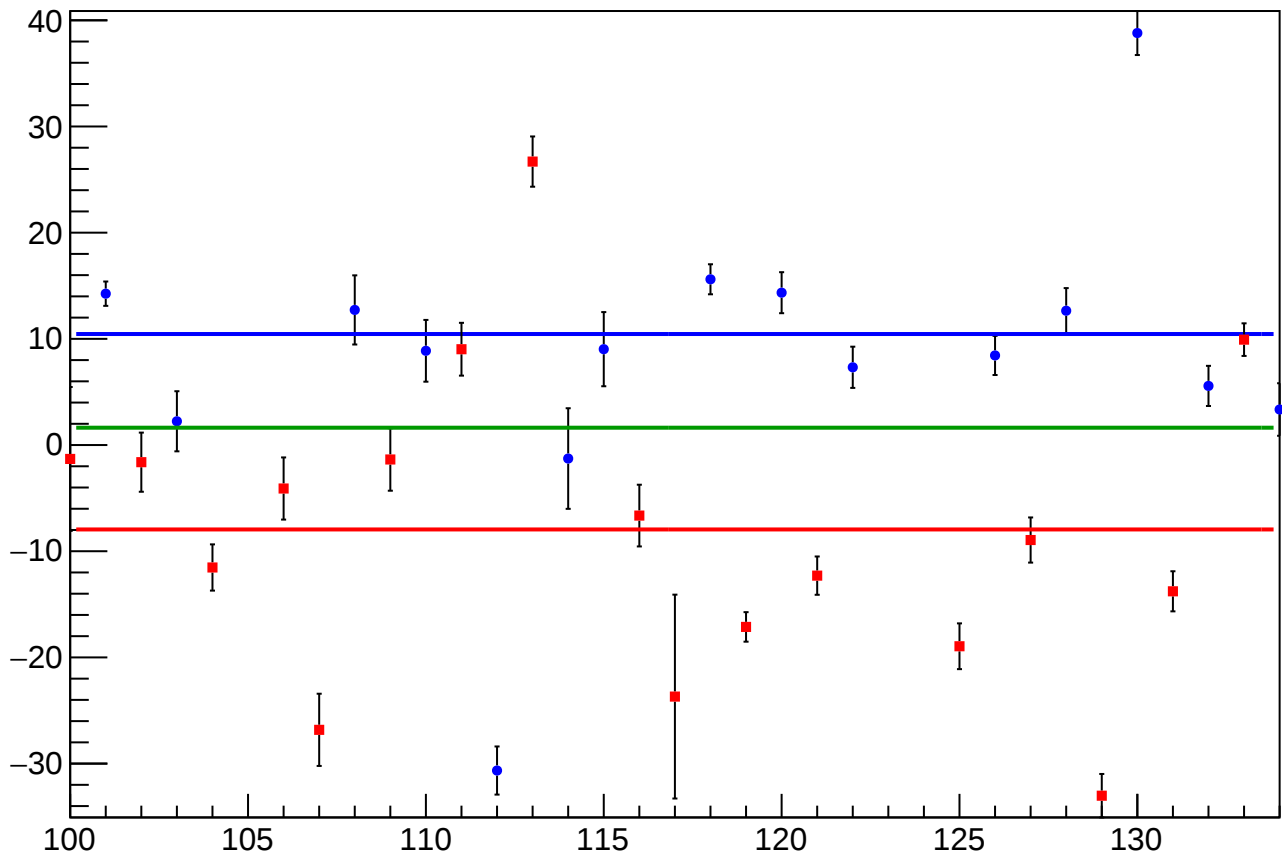
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

96.619+/-0.861 χ^2 /NDF: 2674.4/14

-5.250+/-0.612 χ^2 /NDF: 33348.1/31

-109.177+/-0.870 χ^2 /NDF: 2404.7/16

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.455+/-0.524 χ^2 /NDF: 579.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -7.949+/-0.546 χ^2 /NDF: 681.0/16

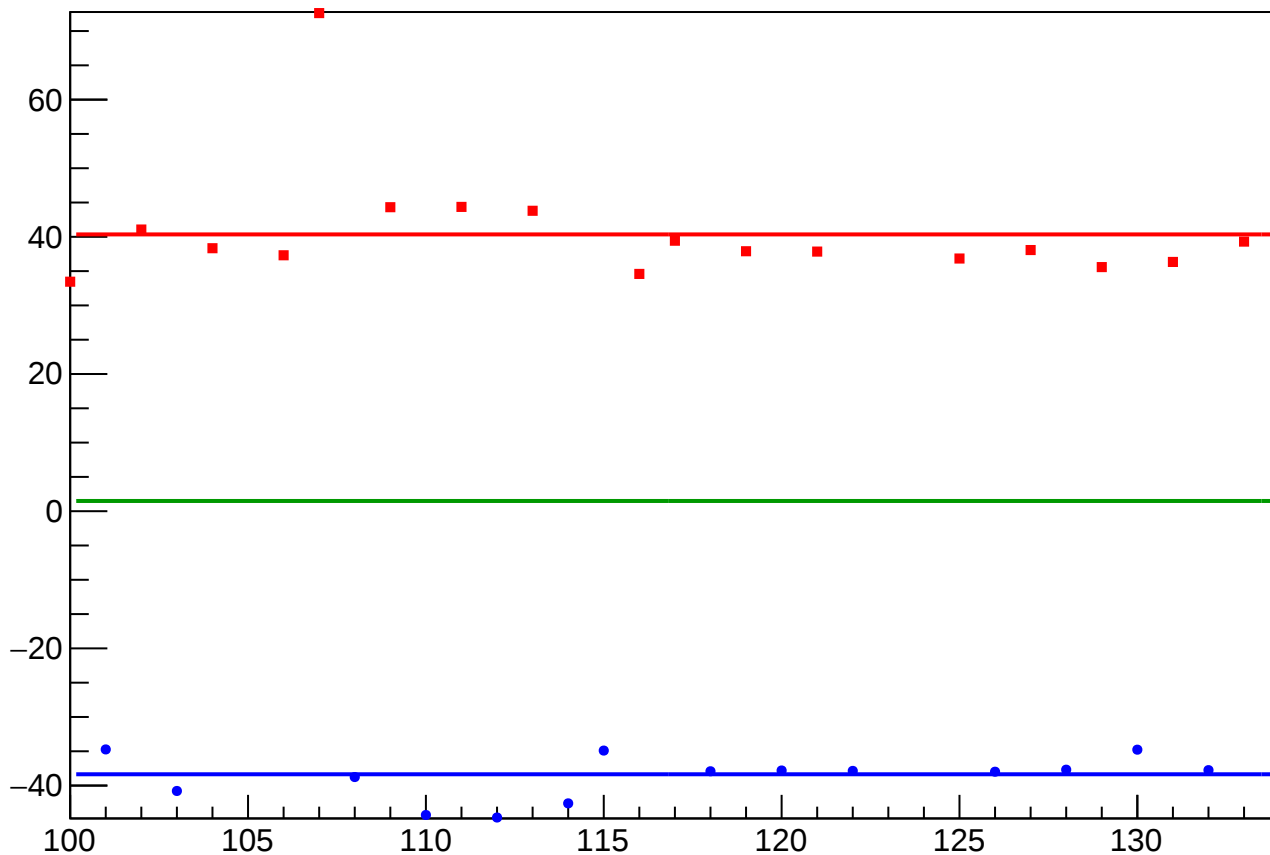
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.455+/-0.524 χ^2 /NDF: 579.7/14

1.633+/-0.378 χ^2 /NDF: 1852.2/31

-7.949+/-0.546 χ^2 /NDF: 681.0/16

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.353 ± 0.031 $\chi^2/\text{NDF}: 8557.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 40.352 ± 0.031 $\chi^2/\text{NDF}: 51115.6/16$

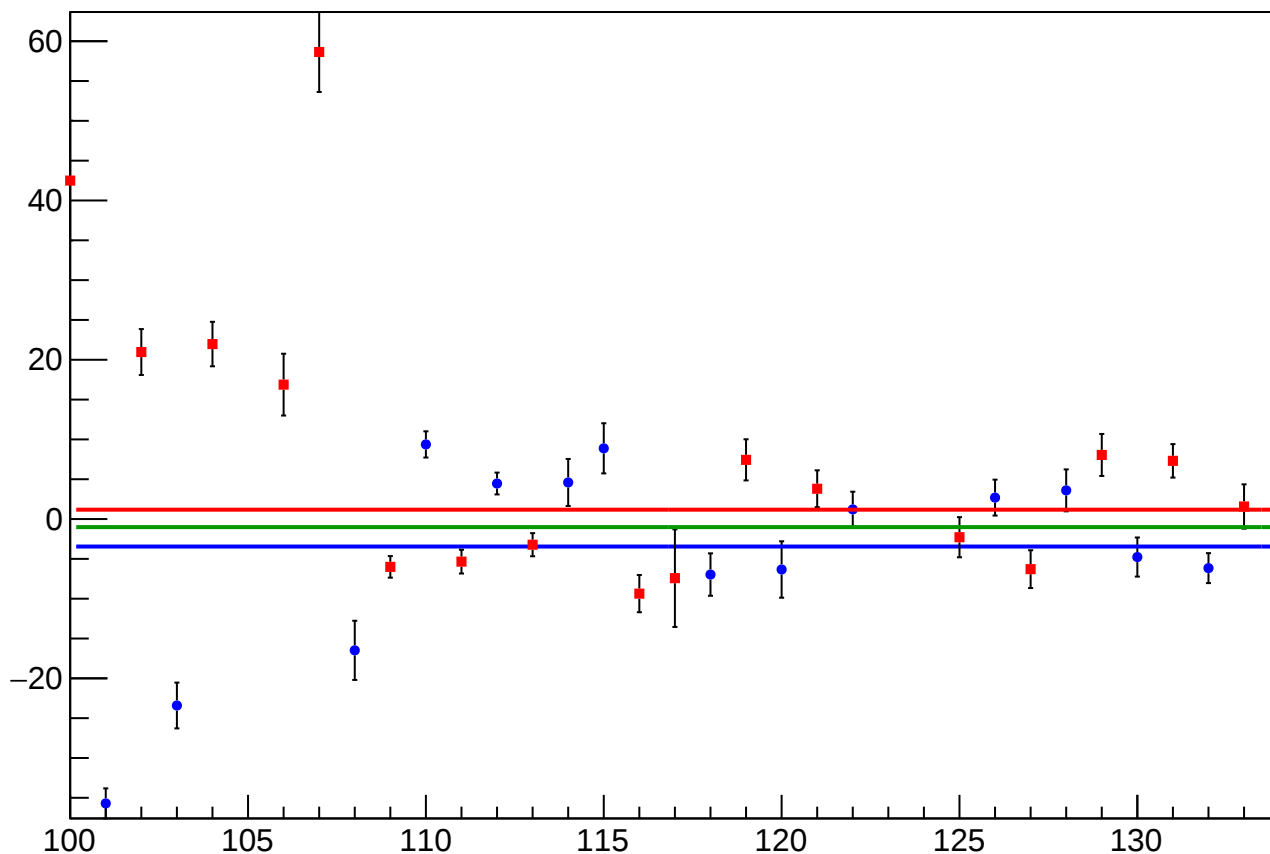
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-38.353 ± 0.031 $\chi^2/\text{NDF}: 8557.1/14$

1.491 ± 0.022 $\chi^2/\text{NDF}: 3238953.6/31$

40.352 ± 0.031 $\chi^2/\text{NDF}: 51115.6/16$

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.450+/-0.588 χ^2/NDF : 493.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.177+/-0.557 χ^2/NDF : 393.1/16

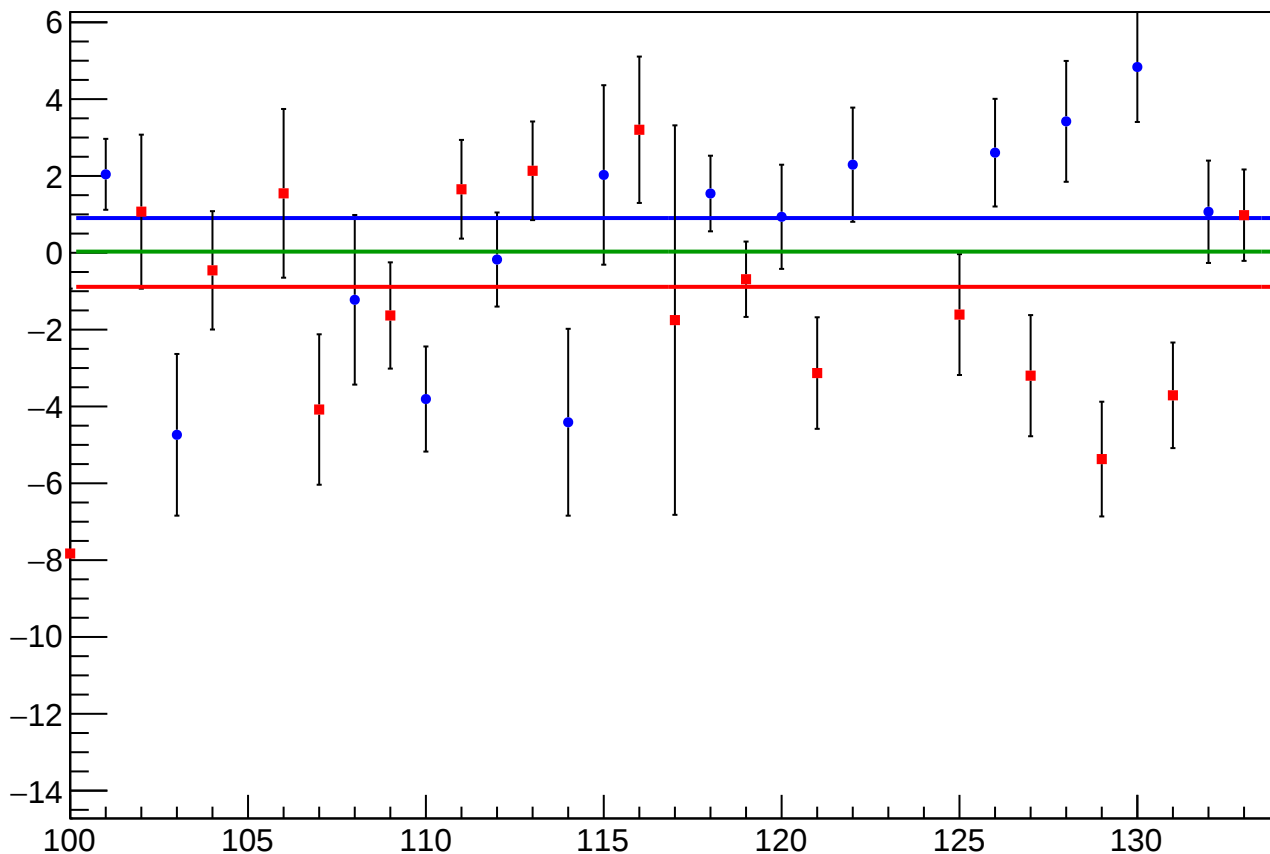
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.450+/-0.588 χ^2/NDF : 493.1/14

-1.012+/-0.404 χ^2/NDF : 918.7/31

1.177+/-0.557 χ^2/NDF : 393.1/16

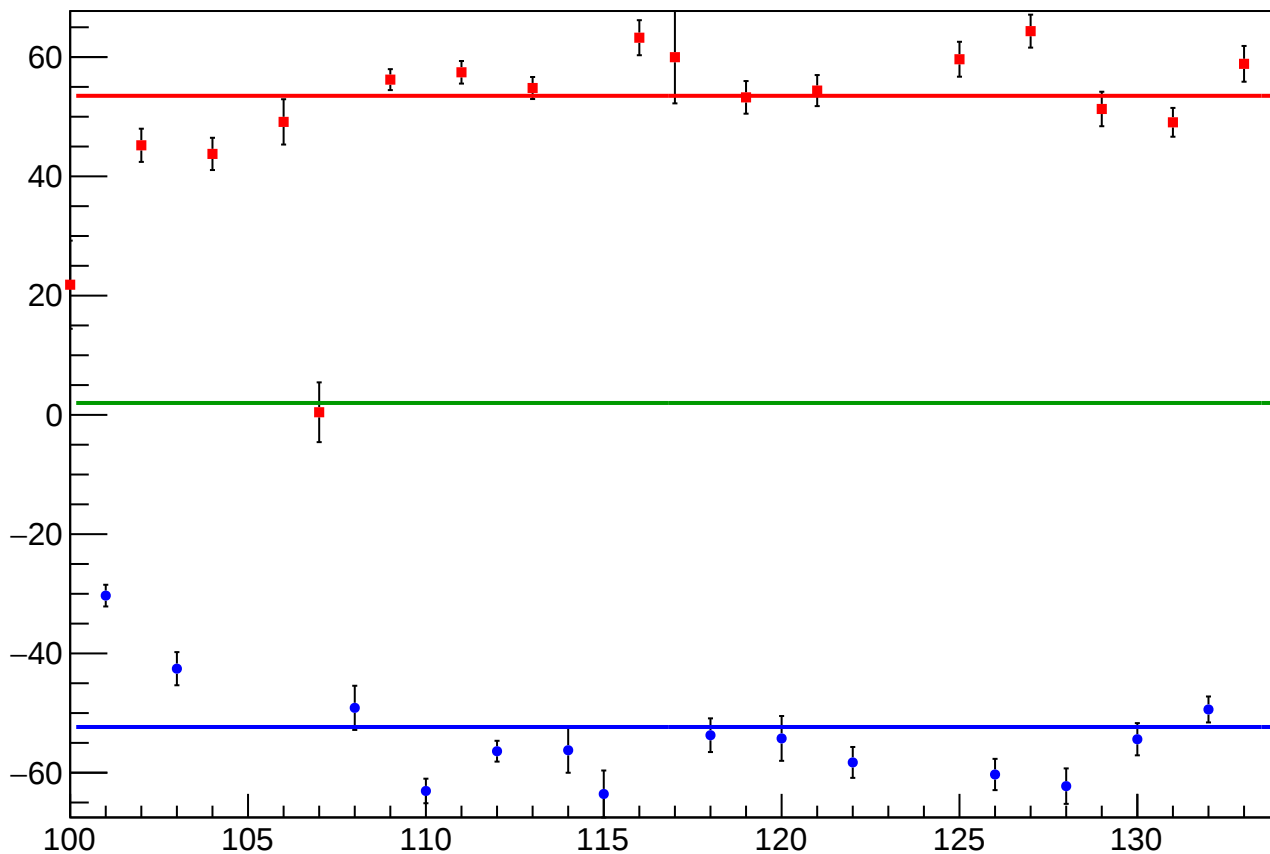
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.904 $\pm$ 0.363 χ^2 /NDF: 42.1/14
 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

0.904 $\pm$ 0.363 χ^2 /NDF: 42.1/14
 0.031 $\pm$ 0.260 χ^2 /NDF: 94.7/31
 -0.886 $\pm$ 0.372 χ^2 /NDF: 40.8/16

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.336 ± 0.670 $\chi^2/\text{NDF}: 230.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 53.507 ± 0.652 $\chi^2/\text{NDF}: 199.7/16$

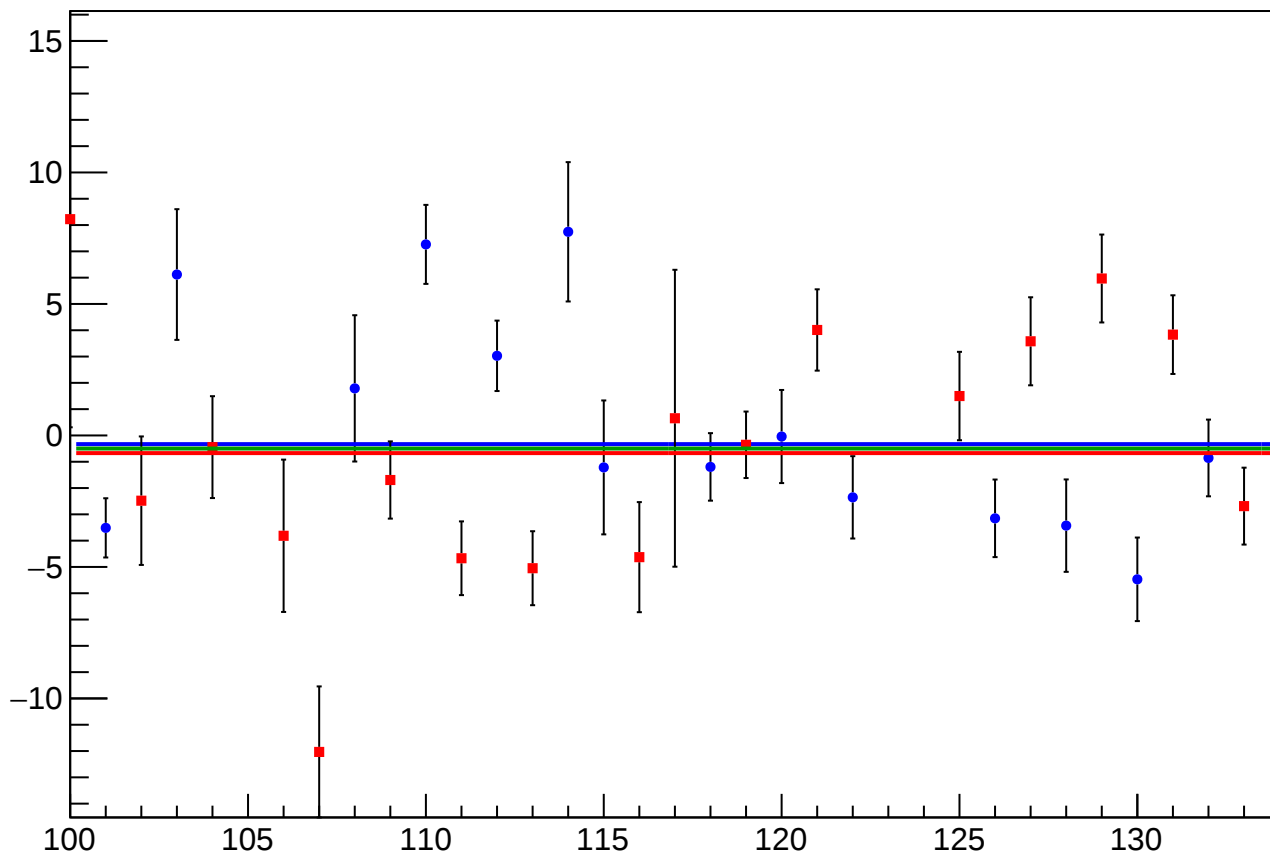
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-52.336 ± 0.670 $\chi^2/\text{NDF}: 230.4/14$

1.999 ± 0.467 $\chi^2/\text{NDF}: 13257.7/31$

53.507 ± 0.652 $\chi^2/\text{NDF}: 199.7/16$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.330+/-0.419 χ^2/NDF : 77.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.671+/-0.427 χ^2/NDF : 89.8/16

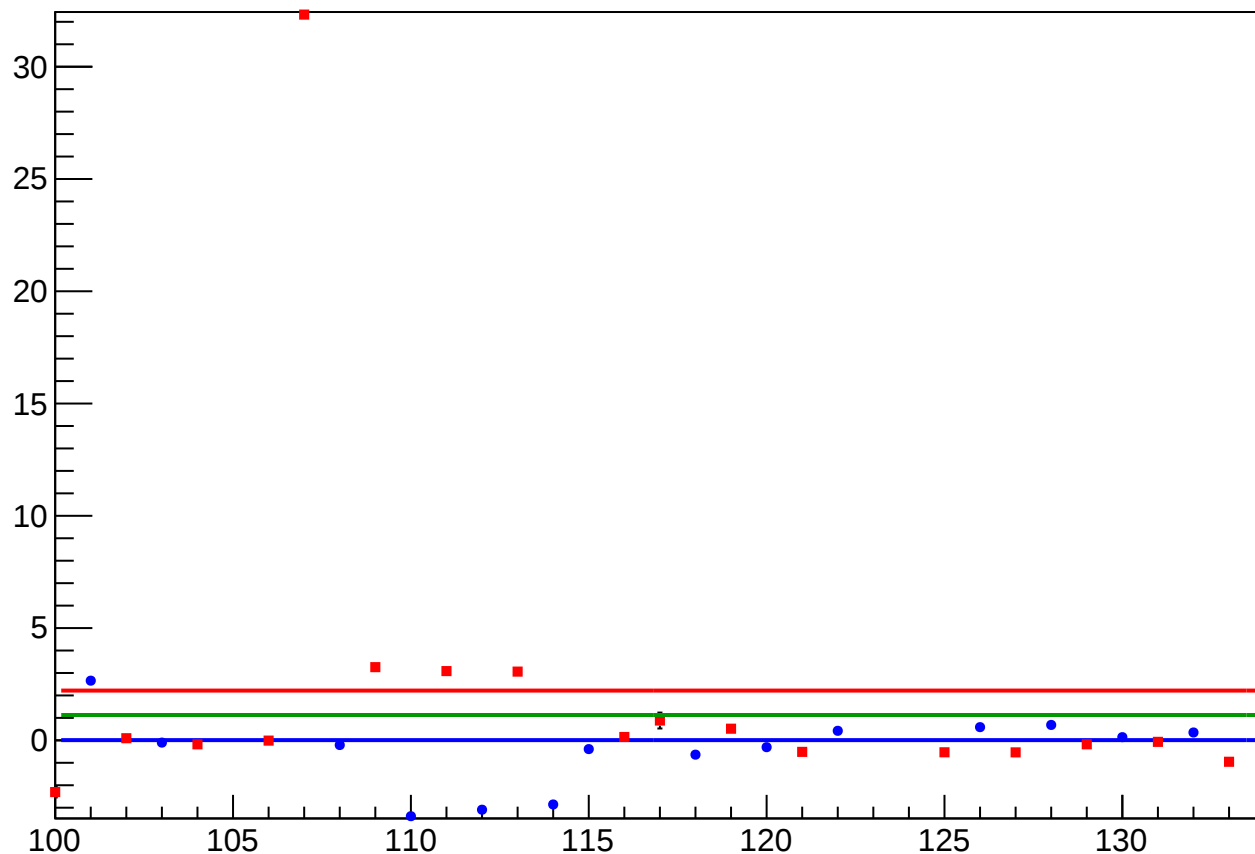
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.330+/-0.419 χ^2/NDF : 77.9/14

-0.498+/-0.299 χ^2/NDF : 168.1/31

-0.671+/-0.427 χ^2/NDF : 89.8/16

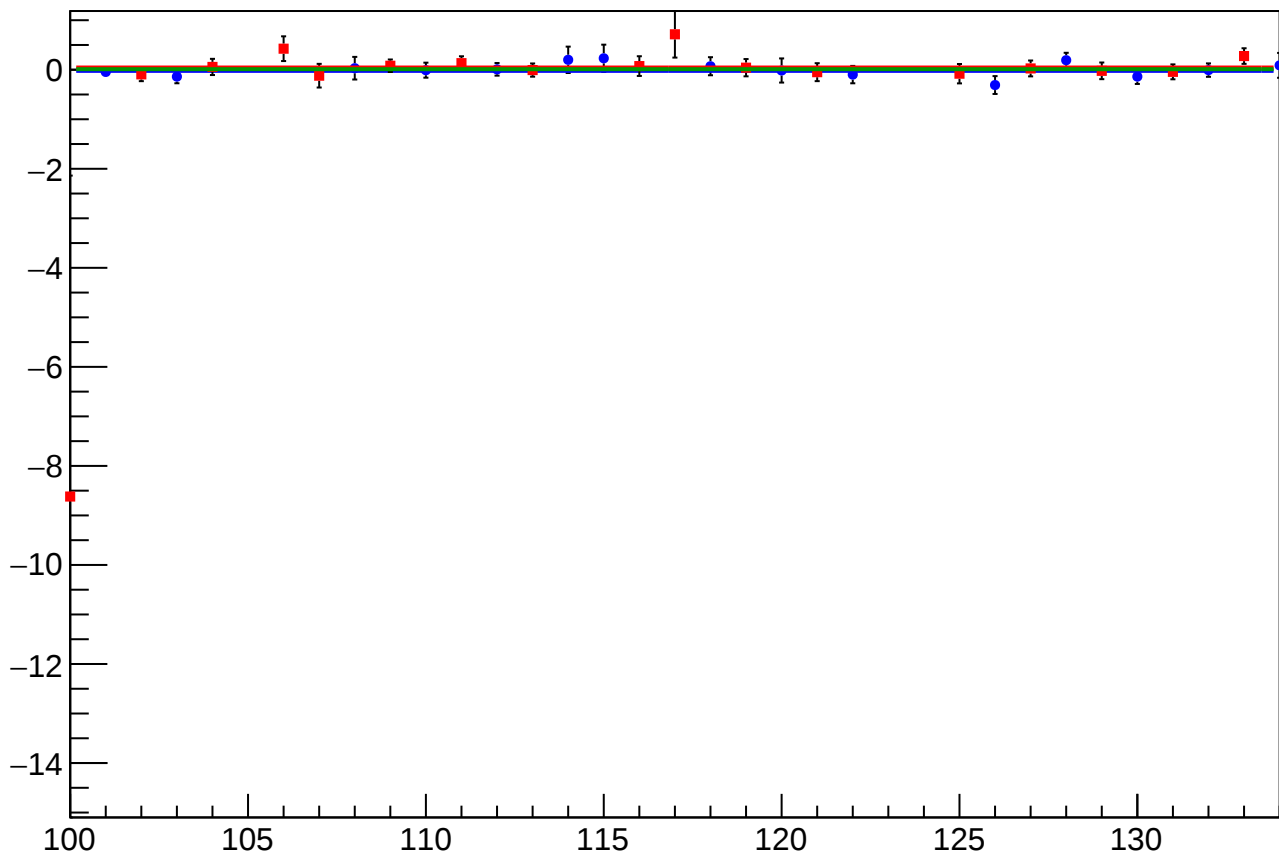
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.025 χ^2/NDF : 5160.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.217+/-0.025 χ^2/NDF : 75453.2/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.025 χ^2/NDF : 5160.0/14
 1.129+/-0.018 χ^2/NDF : 84503.8/31
 2.217+/-0.025 χ^2/NDF : 75453.2/16

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.042 χ^2/NDF : 8.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.045 ± 0.042 χ^2/NDF : 11.6/16

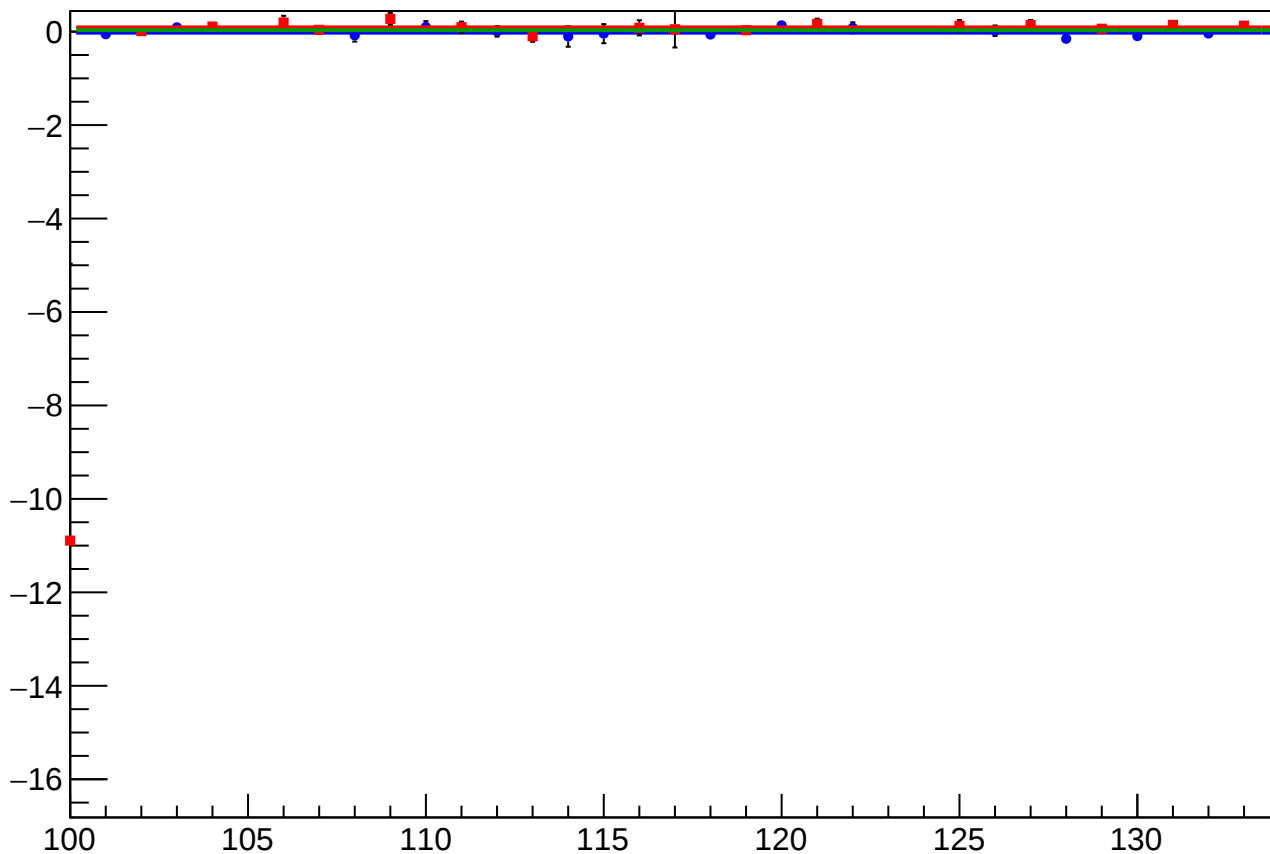
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.022 ± 0.042 χ^2/NDF : 8.3/14

0.011 ± 0.029 χ^2/NDF : 21.3/31

0.045 ± 0.042 χ^2/NDF : 11.6/16

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.021 ± 0.024 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.090 ± 0.026 χ^2/NDF : 11.9/16

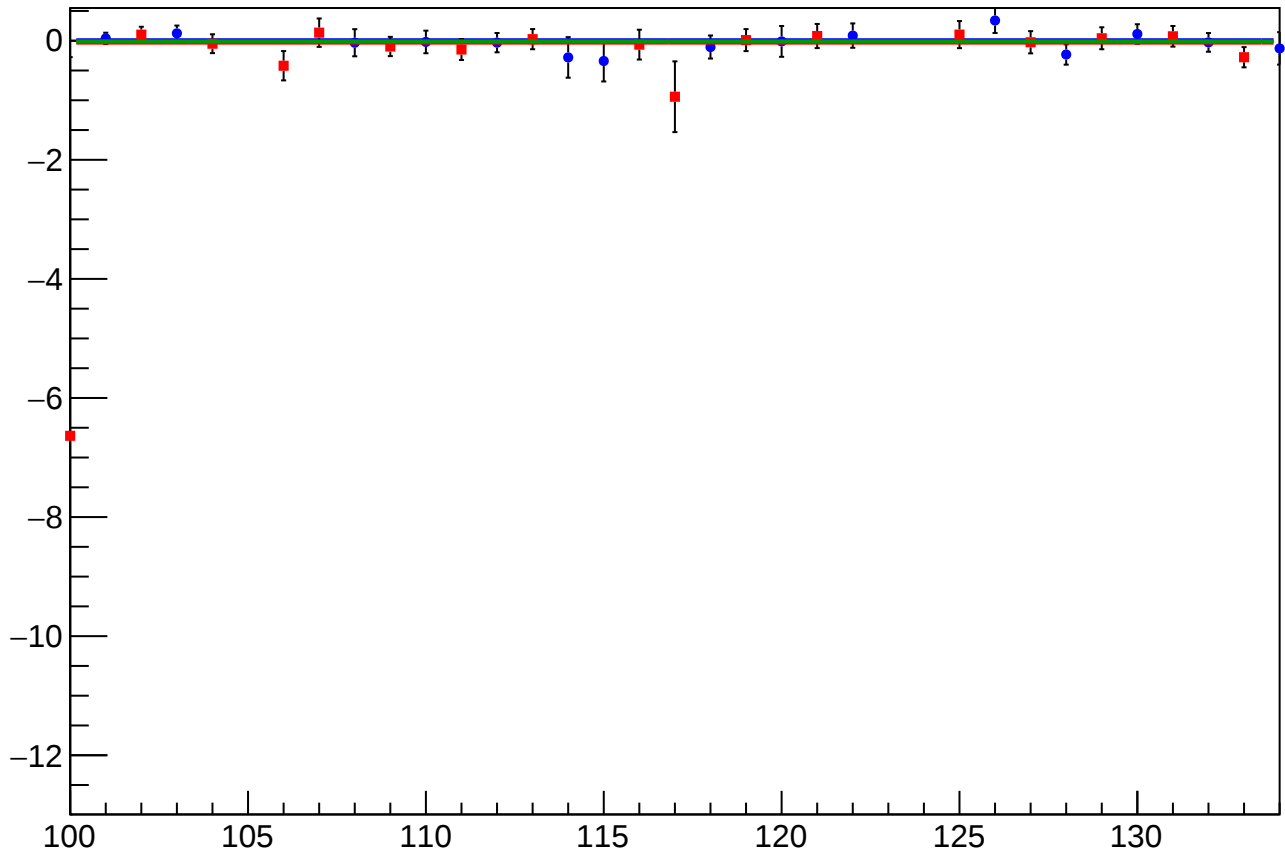
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.021 ± 0.024 χ^2/NDF : 10.2/14

0.032 ± 0.018 χ^2/NDF : 32.1/31

0.090 ± 0.026 χ^2/NDF : 11.9/16

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.045 χ^2/NDF : 8.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.047 χ^2/NDF : 11.5/16

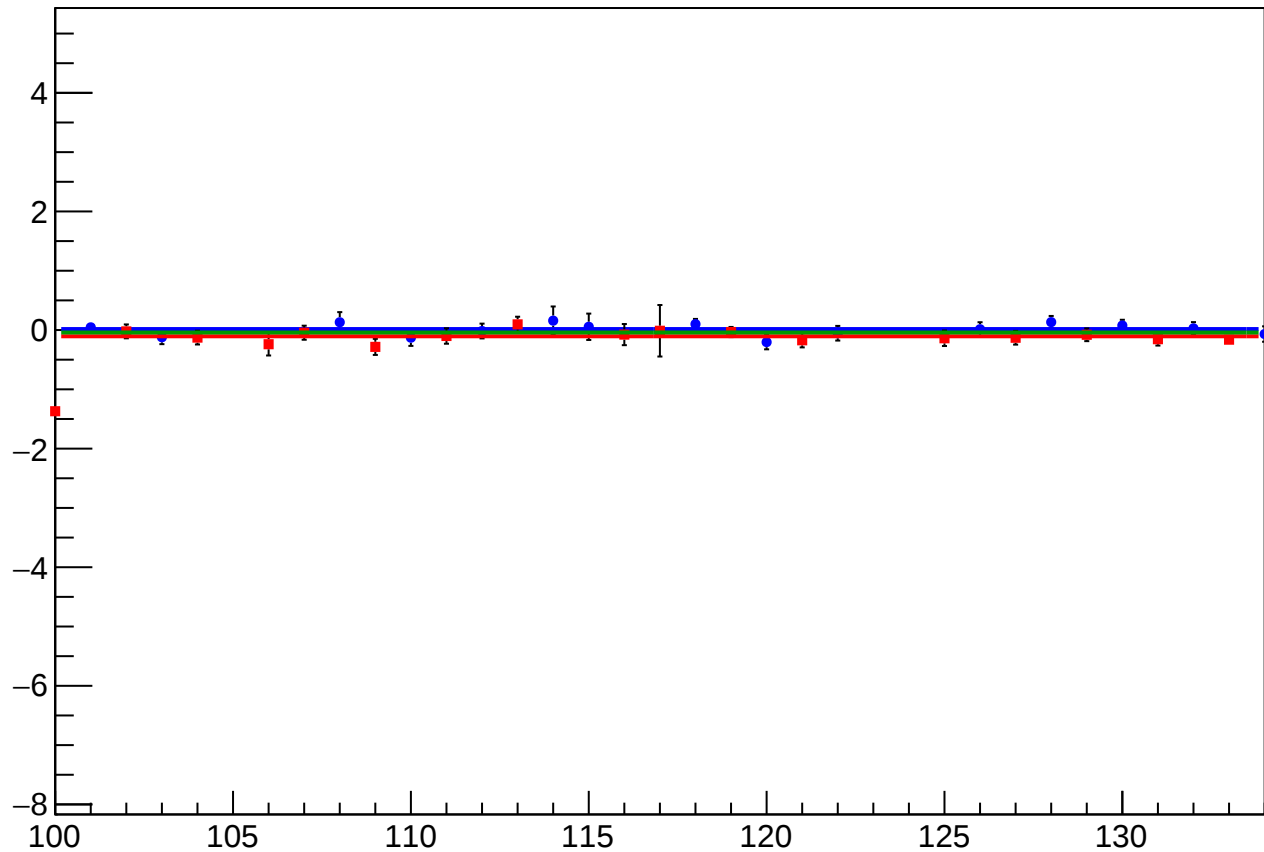
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.045 χ^2/NDF : 8.5/14

-0.011+/-0.033 χ^2/NDF : 20.3/31

-0.032+/-0.047 χ^2/NDF : 11.5/16

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.029 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.105 $\pm$ 0.030 χ^2 /NDF: 7.4/16

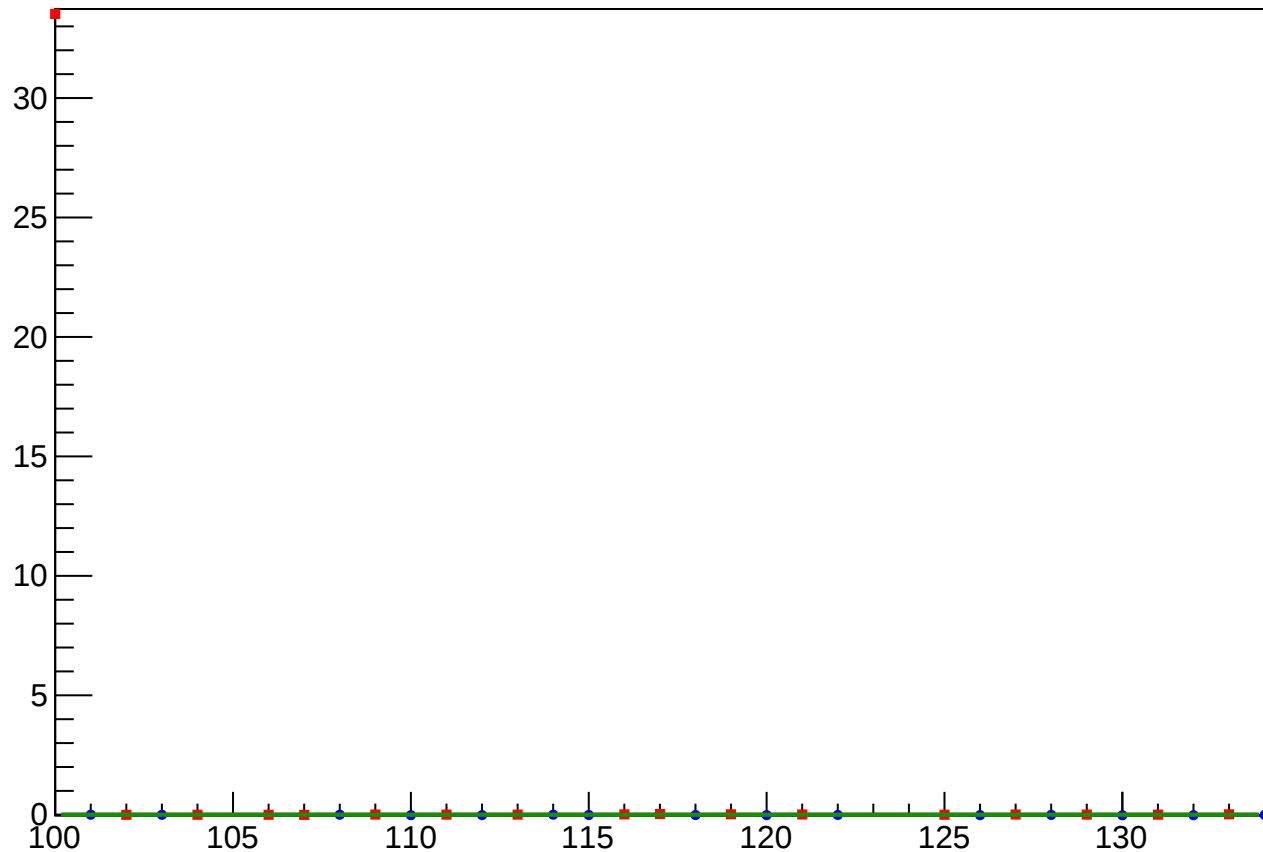
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.017 $\pm$ 0.029 χ^2 /NDF: 10.2/14

-0.041 $\pm$ 0.021 χ^2 /NDF: 26.4/31

-0.105 $\pm$ 0.030 χ^2 /NDF: 7.4/16

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.002 χ^2/NDF : 21.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.002 χ^2/NDF : 26507.1/16

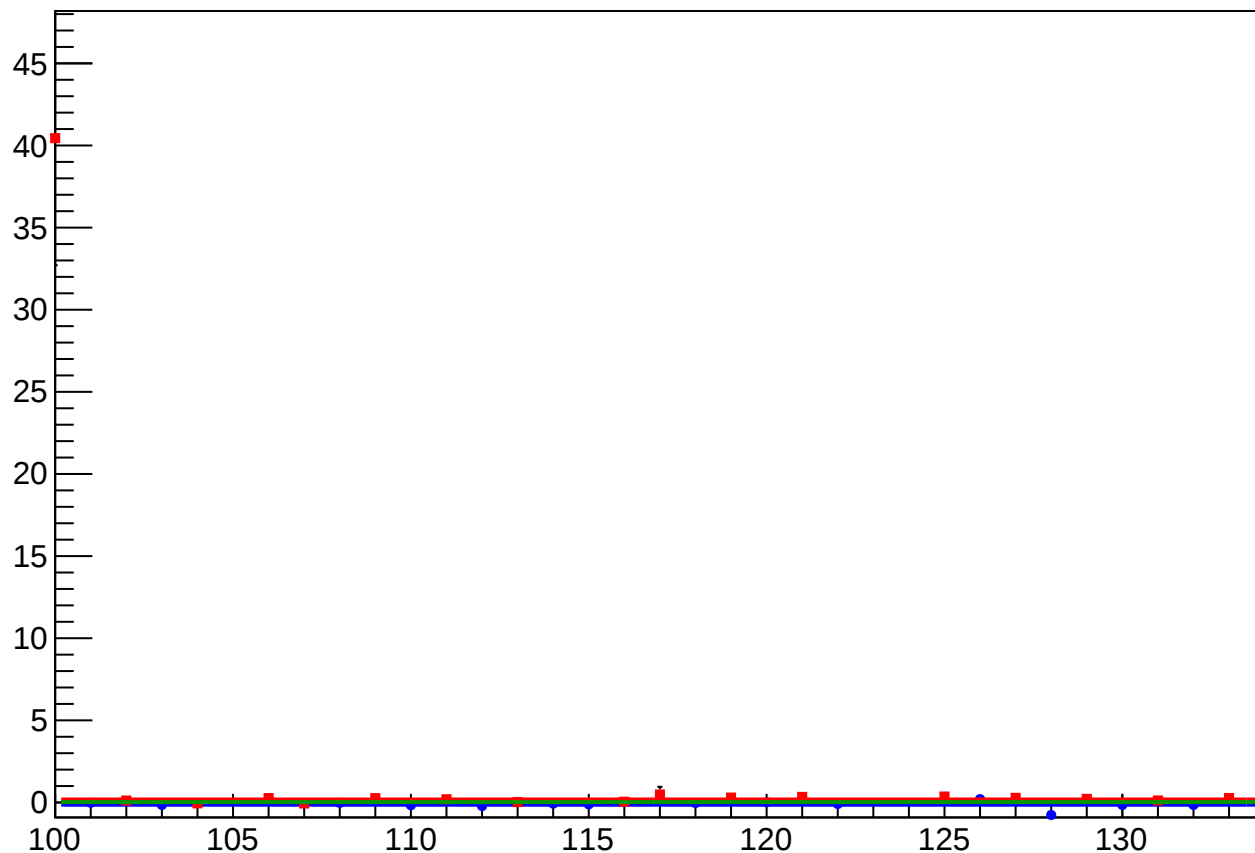
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.006 ± 0.002 χ^2/NDF : 21.4/14

-0.000 ± 0.001 χ^2/NDF : 26553.6/31

0.006 ± 0.002 χ^2/NDF : 26507.1/16

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.137 ± 0.042 $\chi^2/\text{NDF}: 24.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.182 ± 0.042 $\chi^2/\text{NDF}: 36.2/16$

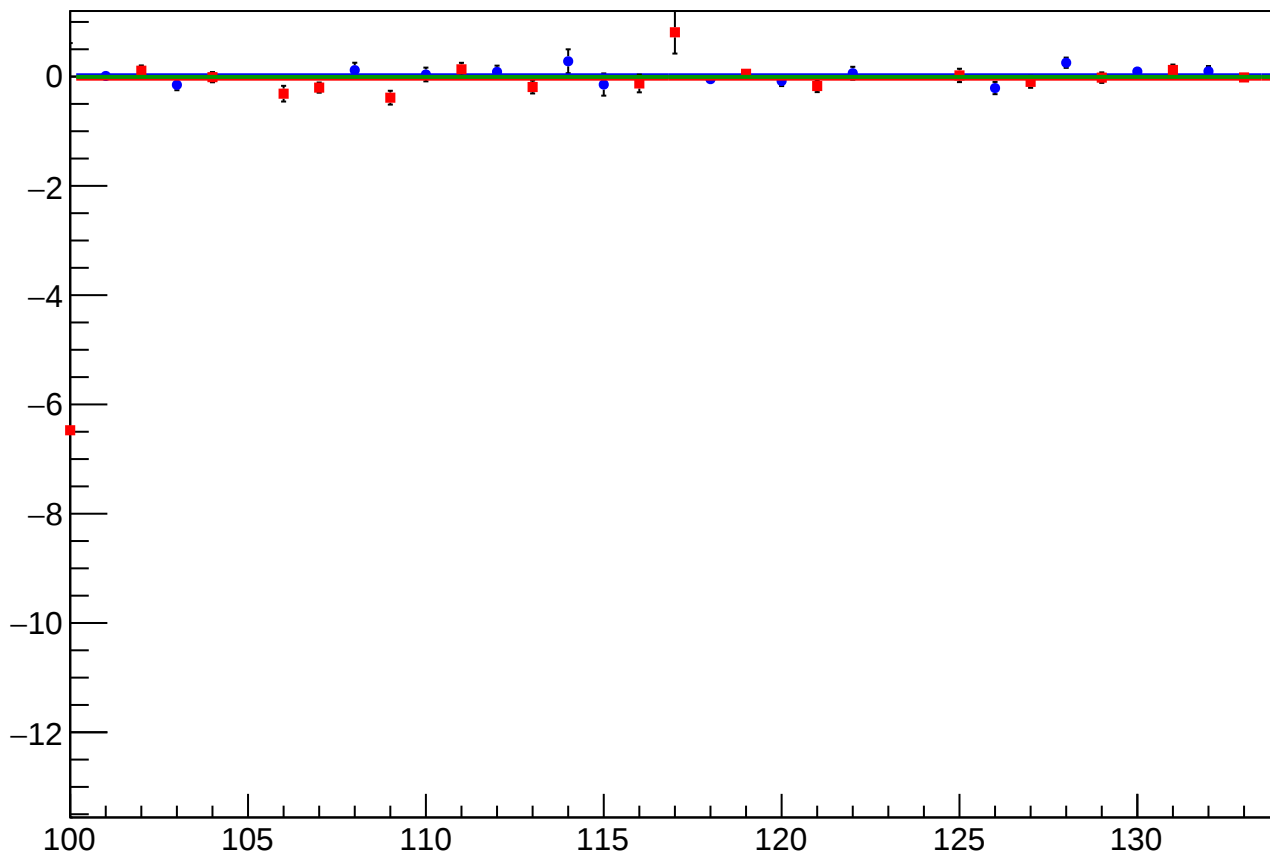
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.137 ± 0.042 $\chi^2/\text{NDF}: 24.9/14$

0.022 ± 0.029 $\chi^2/\text{NDF}: 90.3/31$

0.182 ± 0.042 $\chi^2/\text{NDF}: 36.2/16$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.024+/-0.024 χ^2/NDF : 21.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.026 χ^2/NDF : 32.9/16

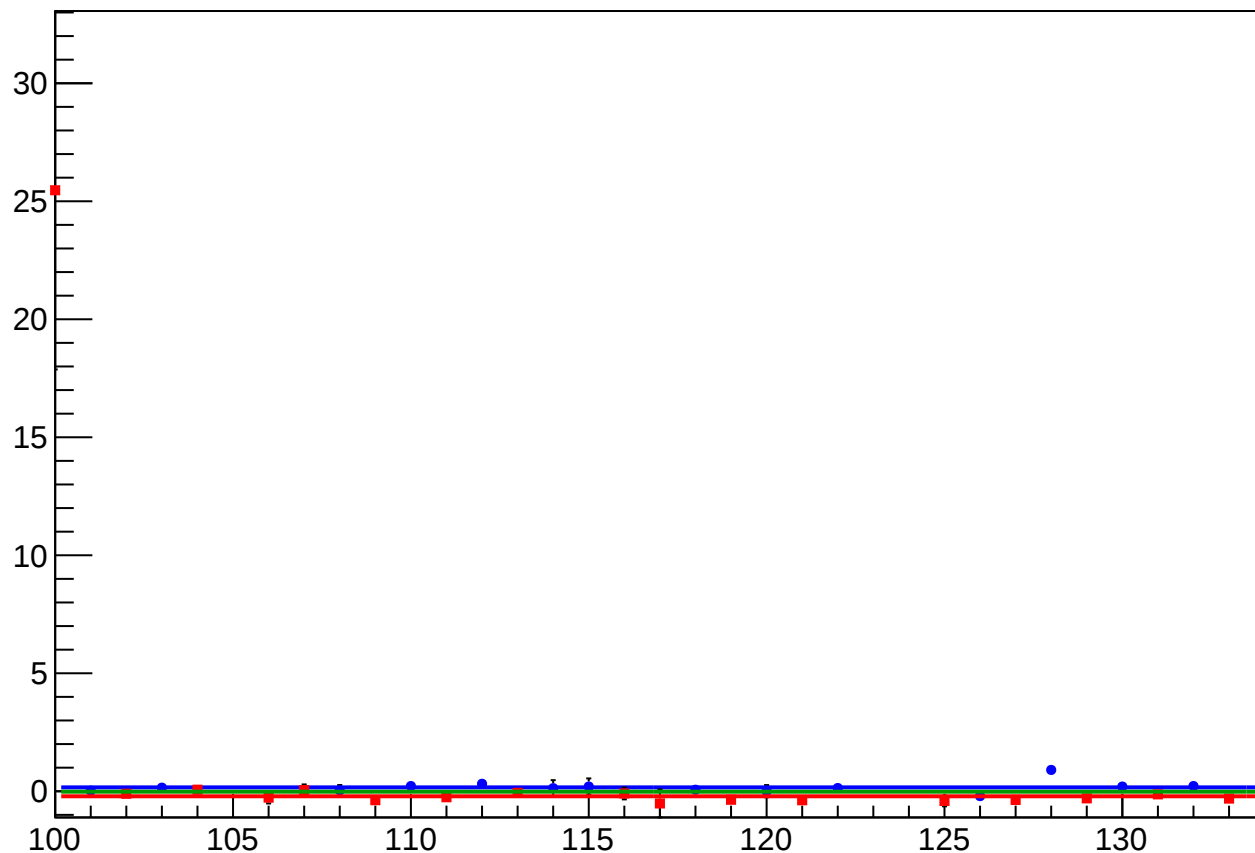
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.024 χ^2/NDF : 21.8/14

-0.005+/-0.018 χ^2/NDF : 57.8/31

-0.038+/-0.026 χ^2/NDF : 32.9/16

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.165 $\pm$ 0.045 χ^2/NDF : 27.4/14

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

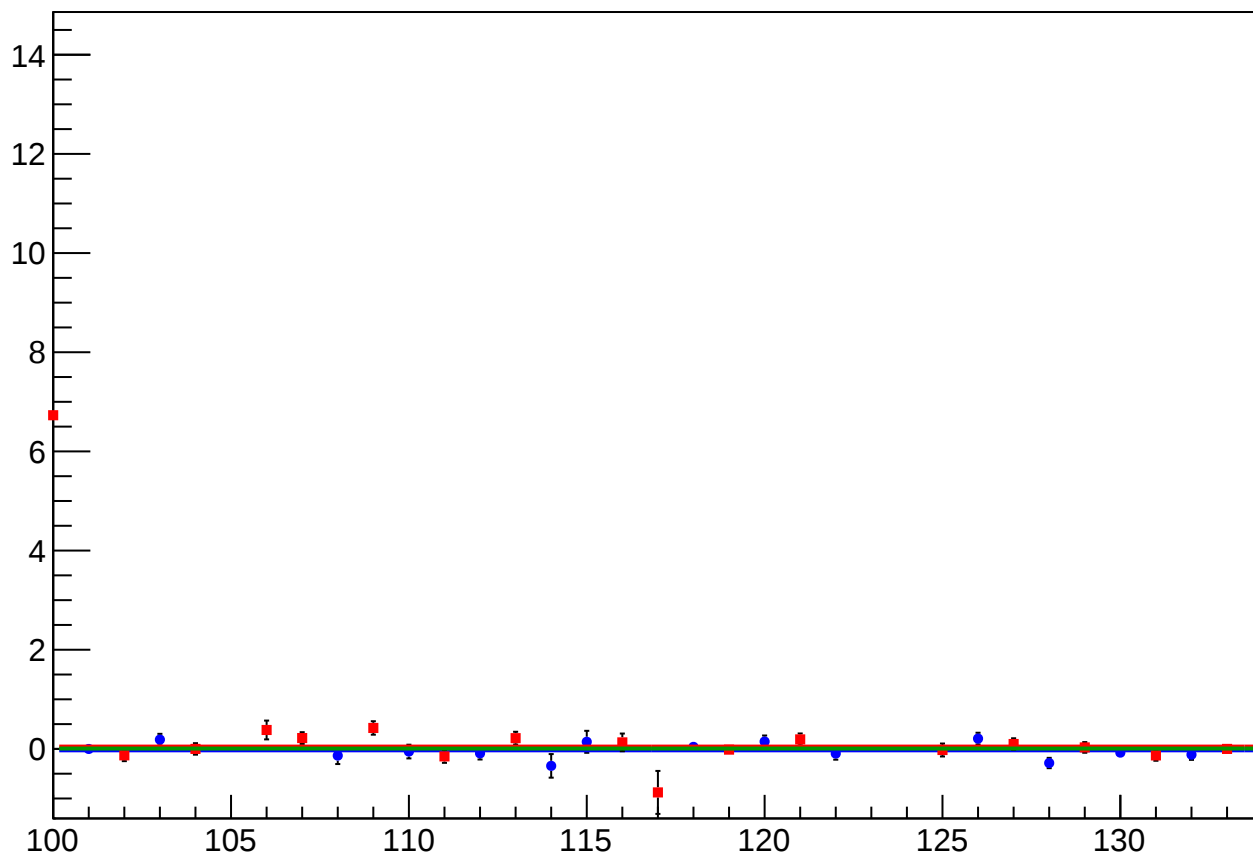
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.165 $\pm$ 0.045 χ^2/NDF : 27.4/14

-0.018 $\pm$ 0.033 χ^2/NDF : 83.2/31

-0.212 $\pm$ 0.047 χ^2/NDF : 22.3/16

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.028+/-0.028 χ^2/NDF : 22.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.030 χ^2/NDF : 30.4/16

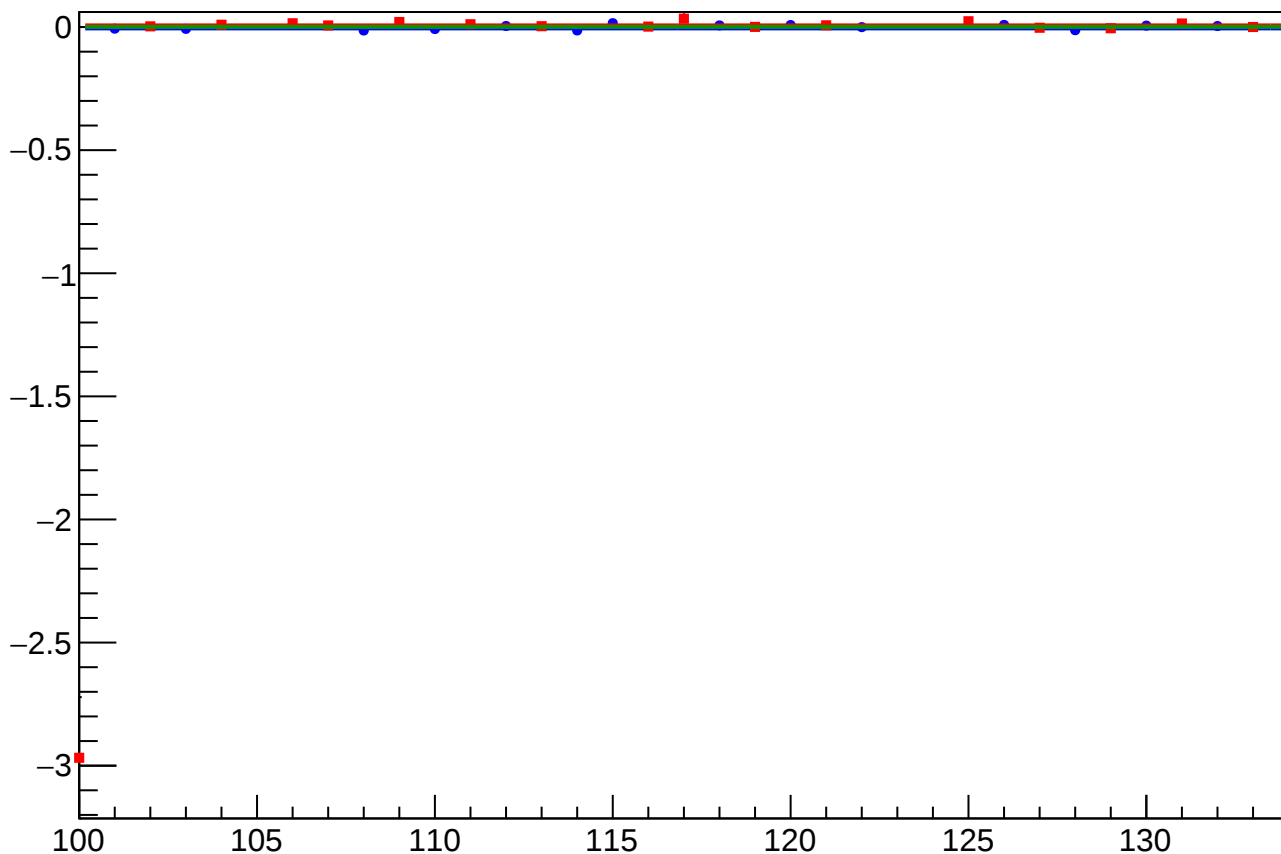
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.028+/-0.028 χ^2/NDF : 22.3/14

0.007+/-0.021 χ^2/NDF : 56.0/31

0.047+/-0.030 χ^2/NDF : 30.4/16

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.002 χ^2 /NDF: 25.9/14

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

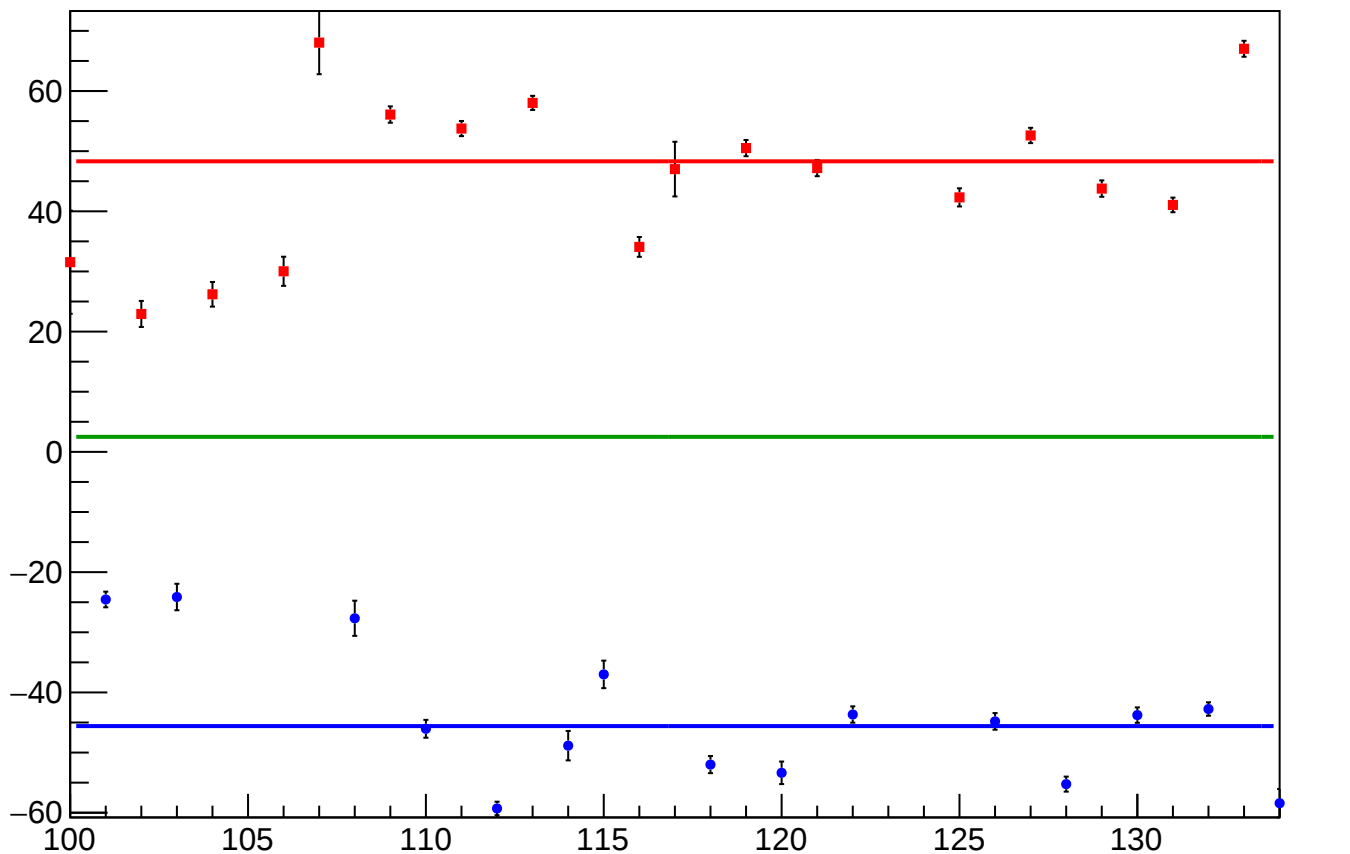
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.005 $\pm$ 0.002 χ^2 /NDF: 25.9/14

0.001 $\pm$ 0.001 χ^2 /NDF: 219.2/31

0.007 $\pm$ 0.002 χ^2 /NDF: 164.1/16

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.596 ± 0.389 χ^2/NDF : 696.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 48.313 ± 0.380 χ^2/NDF : 798.7/16

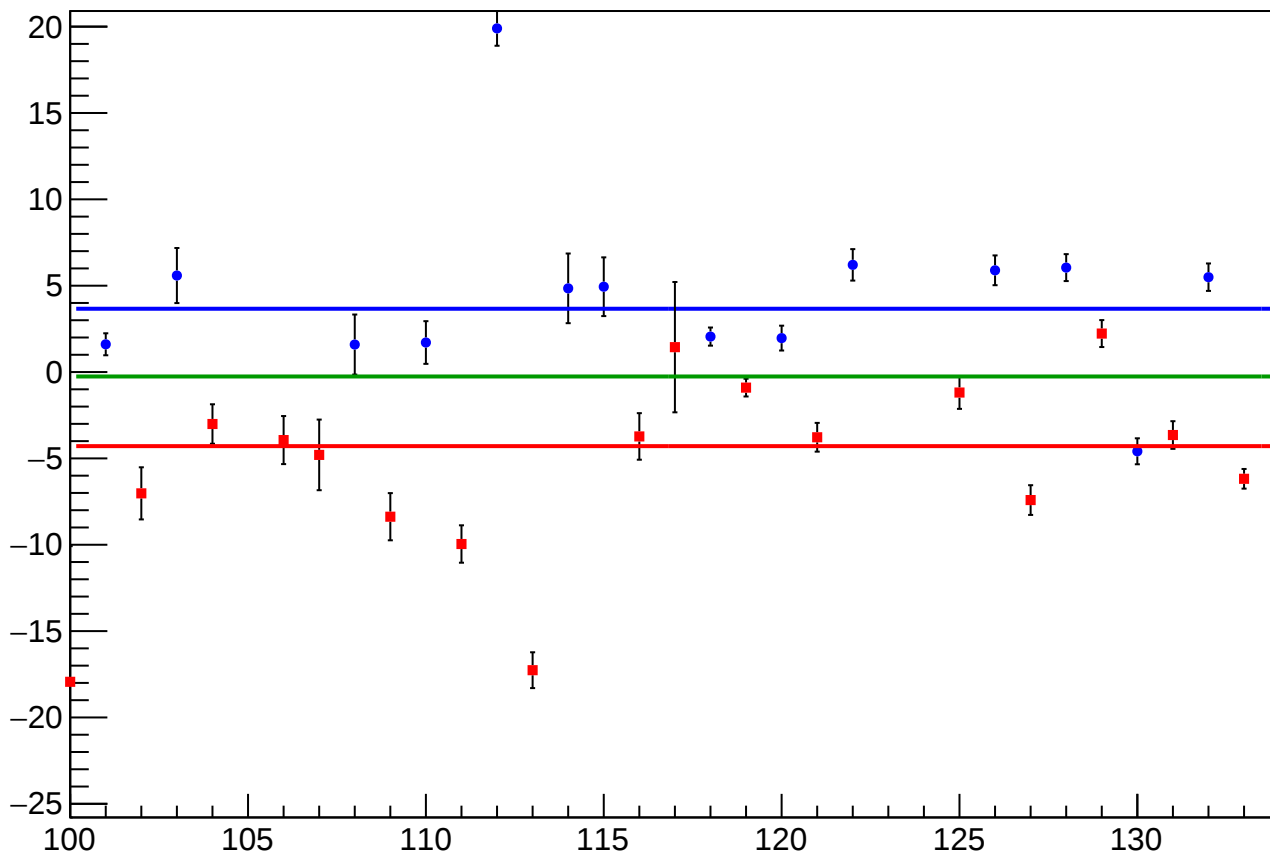
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.596 ± 0.389 χ^2/NDF : 696.1/14

2.500 ± 0.272 χ^2/NDF : 31268.1/31

48.313 ± 0.380 χ^2/NDF : 798.7/16

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.665 ± 0.227 χ^2/NDF : 441.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.290 ± 0.230 χ^2/NDF : 352.4/16

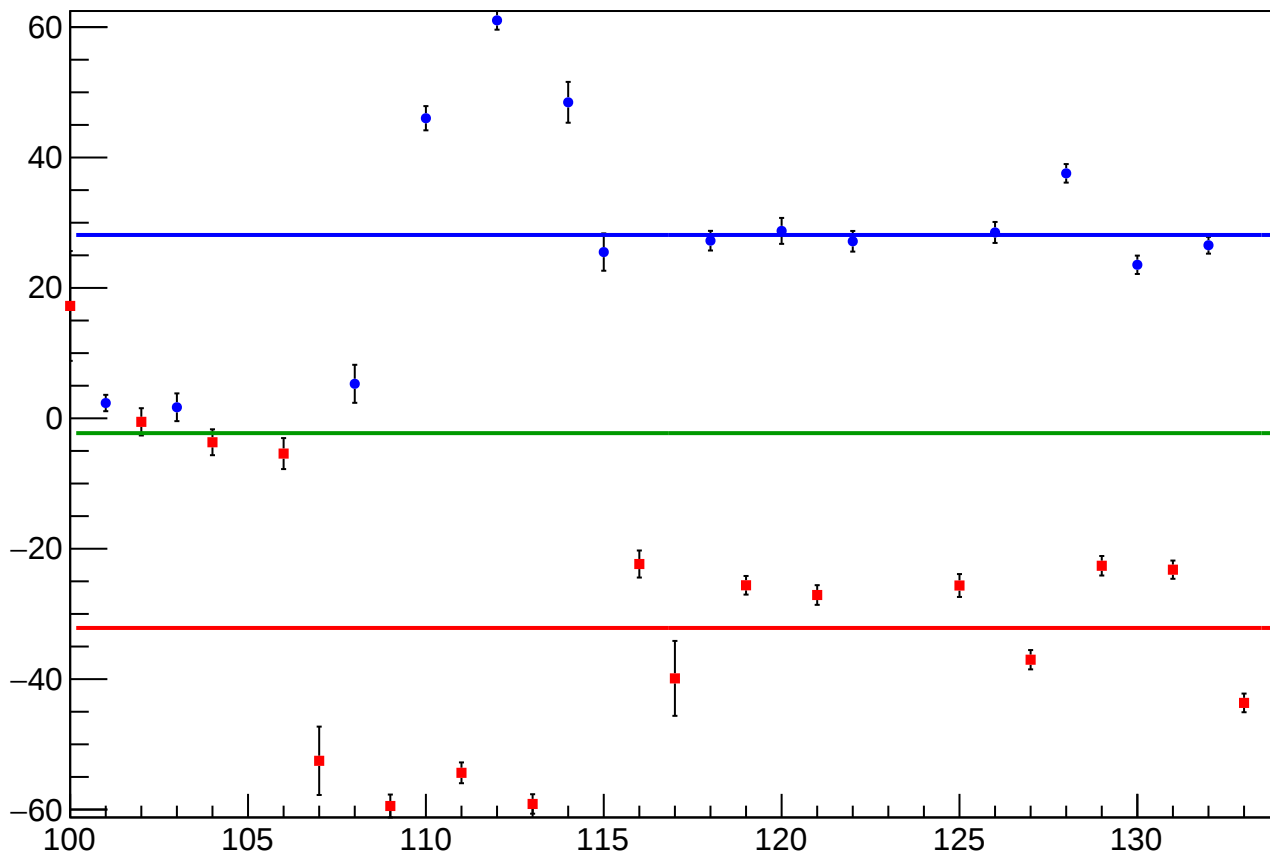
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.665 ± 0.227 χ^2/NDF : 441.9/14

-0.257 ± 0.161 χ^2/NDF : 1401.3/31

-4.290 ± 0.230 χ^2/NDF : 352.4/16

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.123+/-0.438 χ^2/NDF : 1365.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.150+/-0.435 χ^2/NDF : 1599.9/16

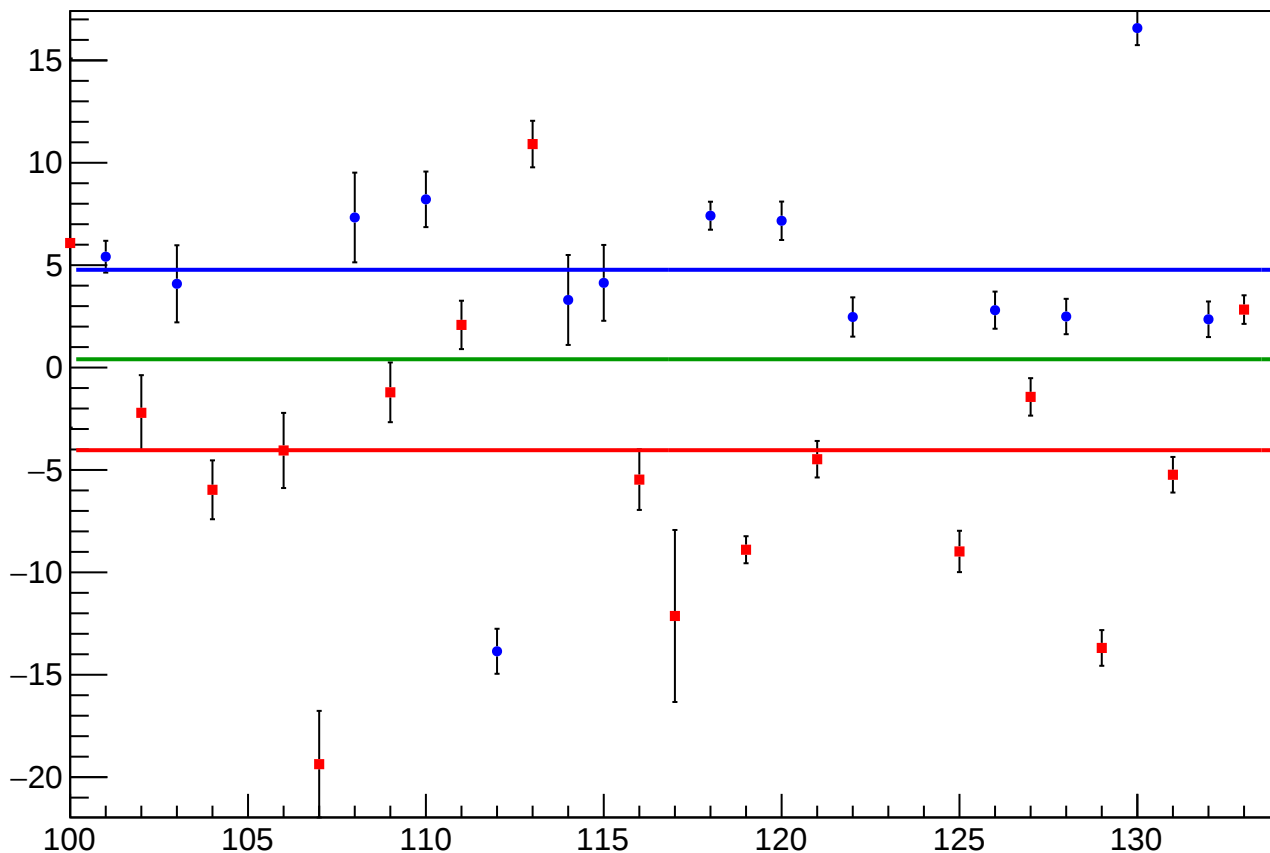
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.123+/-0.438 χ^2/NDF : 1365.9/14

-2.271+/-0.309 χ^2/NDF : 12500.0/31

-32.150+/-0.435 χ^2/NDF : 1599.9/16

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.774+/-0.264 χ^2/NDF : 547.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.035+/-0.266 χ^2/NDF : 555.2/16

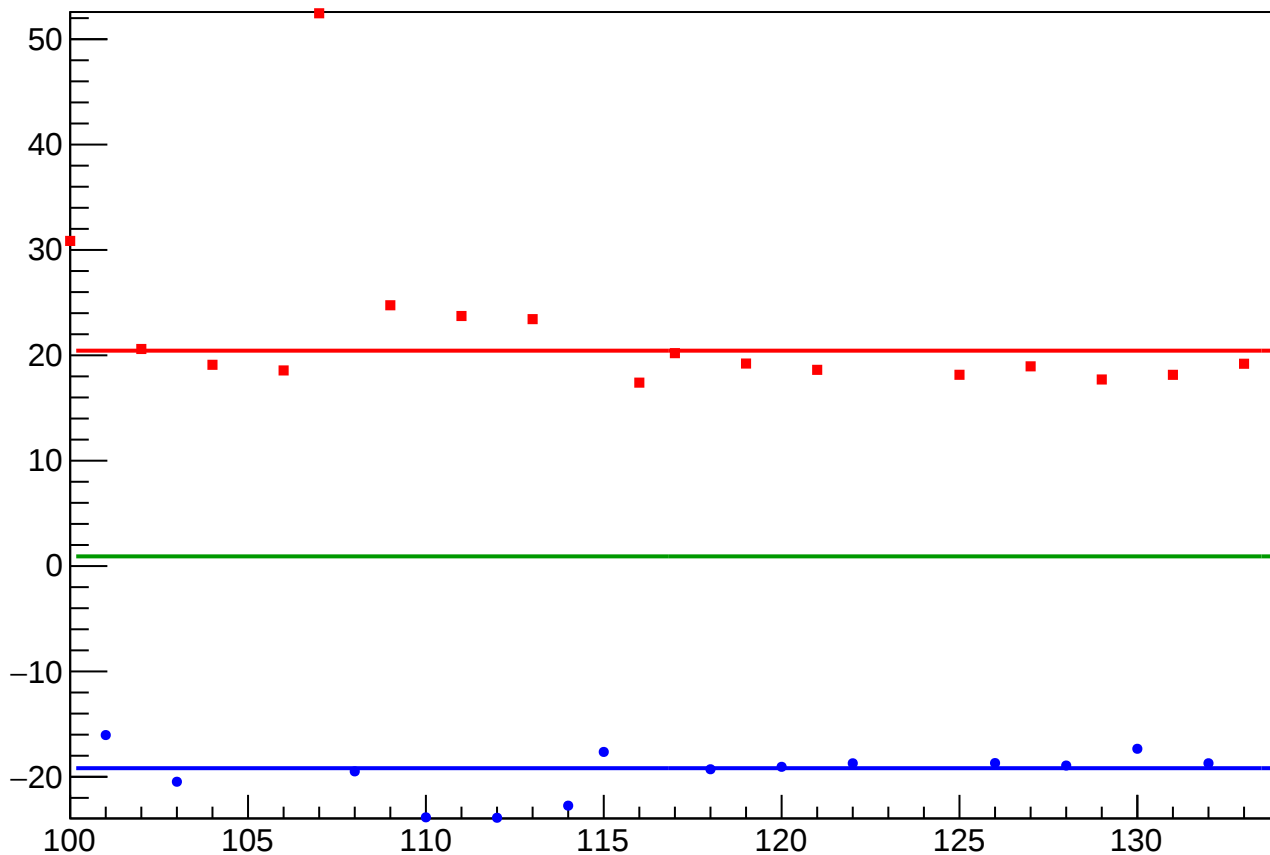
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.774+/-0.264 χ^2/NDF : 547.8/14

0.406+/-0.187 χ^2/NDF : 1655.9/31

-4.035+/-0.266 χ^2/NDF : 555.2/16

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.182 $\pm$ 0.017 χ^2 /NDF: 15120.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.442 $\pm$ 0.017 χ^2 /NDF: 87687.8/16

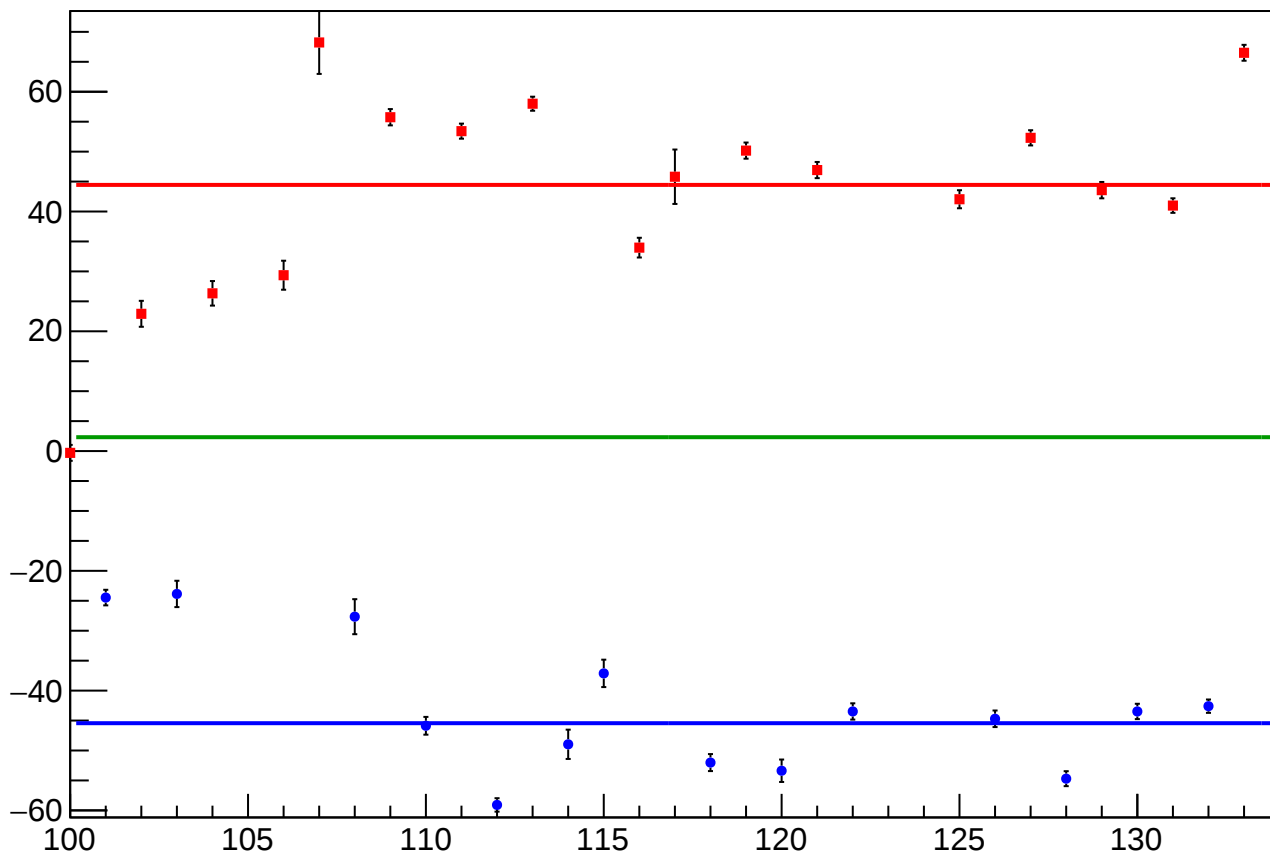
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.182 $\pm$ 0.017 χ^2 /NDF: 15120.5/14

0.920 $\pm$ 0.012 χ^2 /NDF: 2827430.6/31

20.442 $\pm$ 0.017 χ^2 /NDF: 87687.8/16

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.440 $\pm$ 0.389 χ^2 /NDF: 694.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.444 $\pm$ 0.366 χ^2 /NDF: 2009.3/16

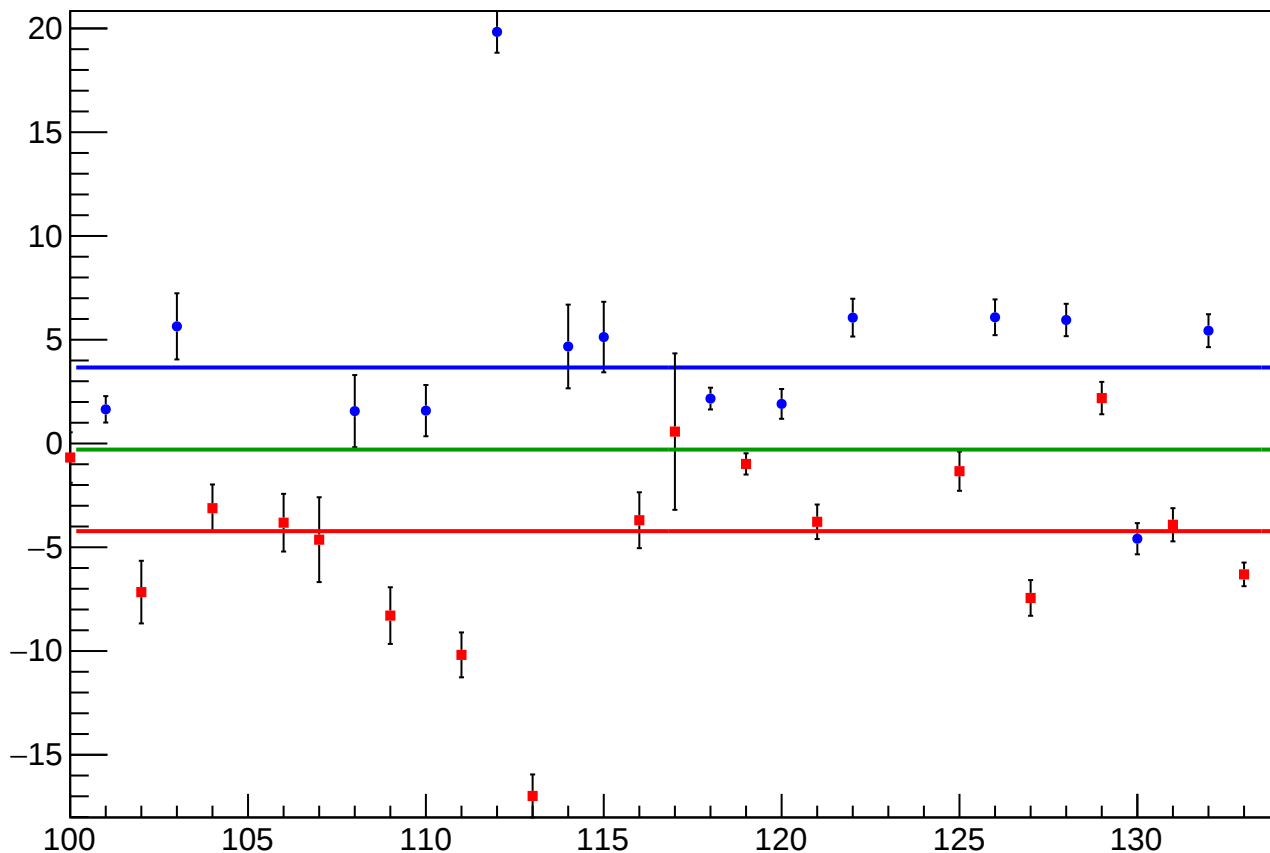
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-45.440 $\pm$ 0.389 χ^2 /NDF: 694.0/14

2.316 $\pm$ 0.266 χ^2 /NDF: 31037.7/31

44.444 $\pm$ 0.366 χ^2 /NDF: 2009.3/16

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.663+/-0.227 χ^2/NDF : 438.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.223+/-0.226 χ^2/NDF : 350.7/16

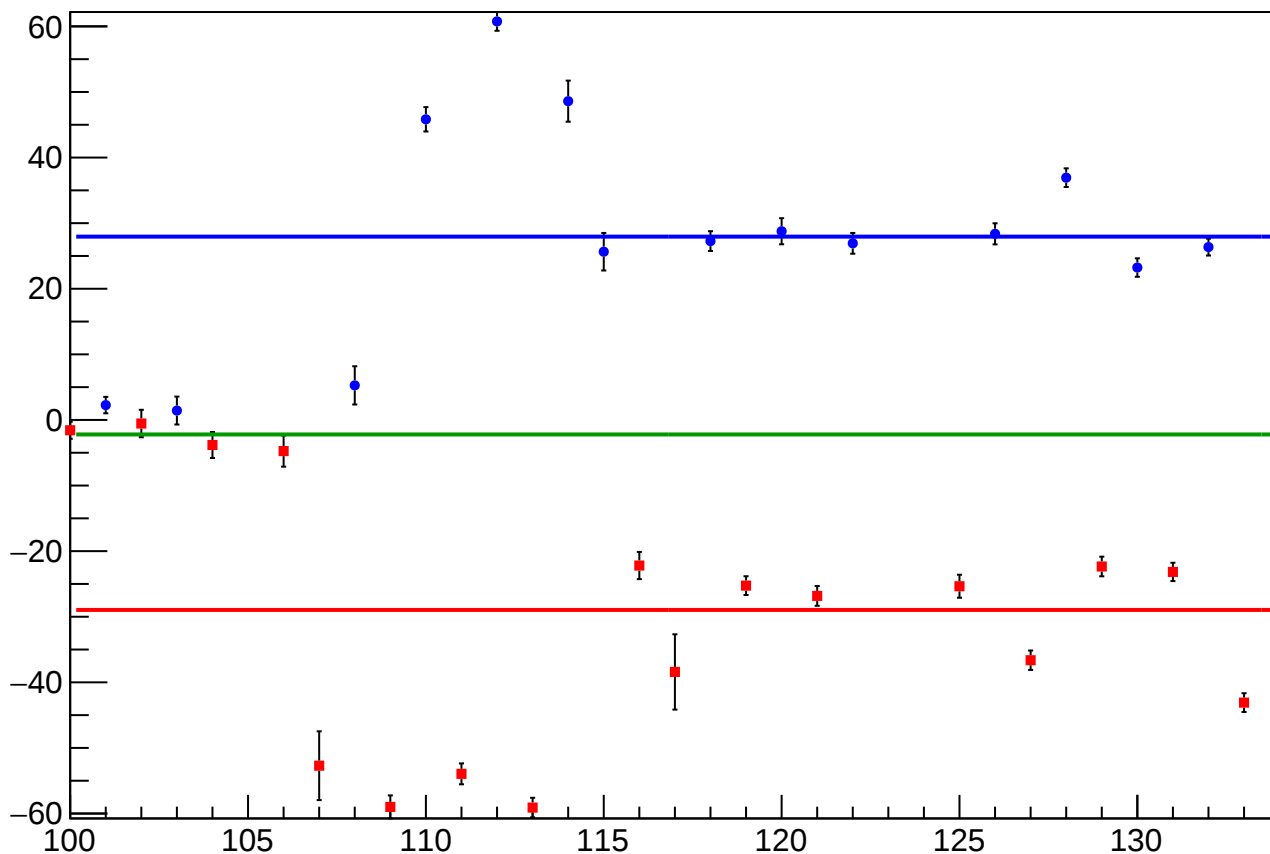
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.663+/-0.227 χ^2/NDF : 438.9/14

-0.293+/-0.160 χ^2/NDF : 1397.3/31

-4.223+/-0.226 χ^2/NDF : 350.7/16

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.947+/-0.438 χ^2 /NDF: 1359.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -28.962+/-0.413 χ^2 /NDF: 2044.7/16

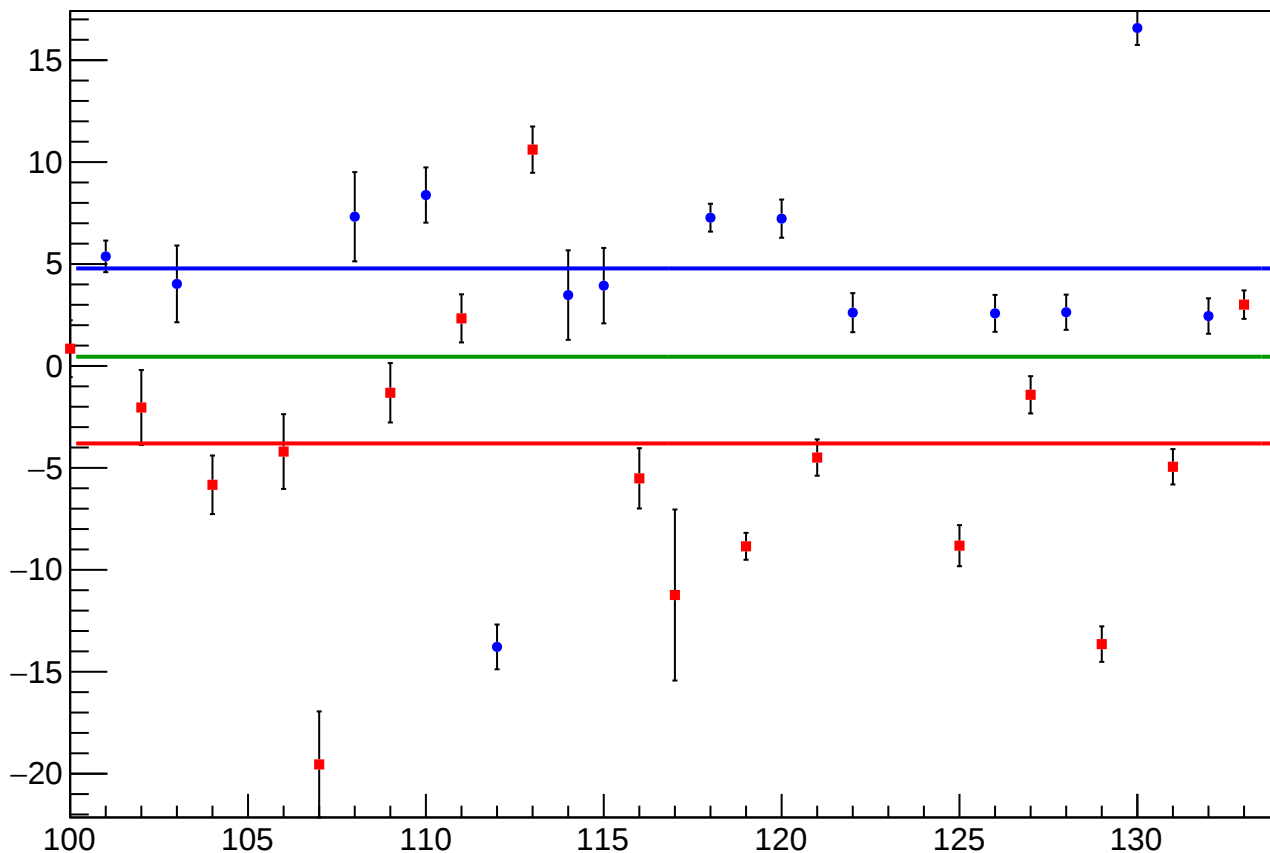
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.947+/-0.438 χ^2 /NDF: 1359.8/14

-2.211+/-0.300 χ^2 /NDF: 12348.9/31

-28.962+/-0.413 χ^2 /NDF: 2044.7/16

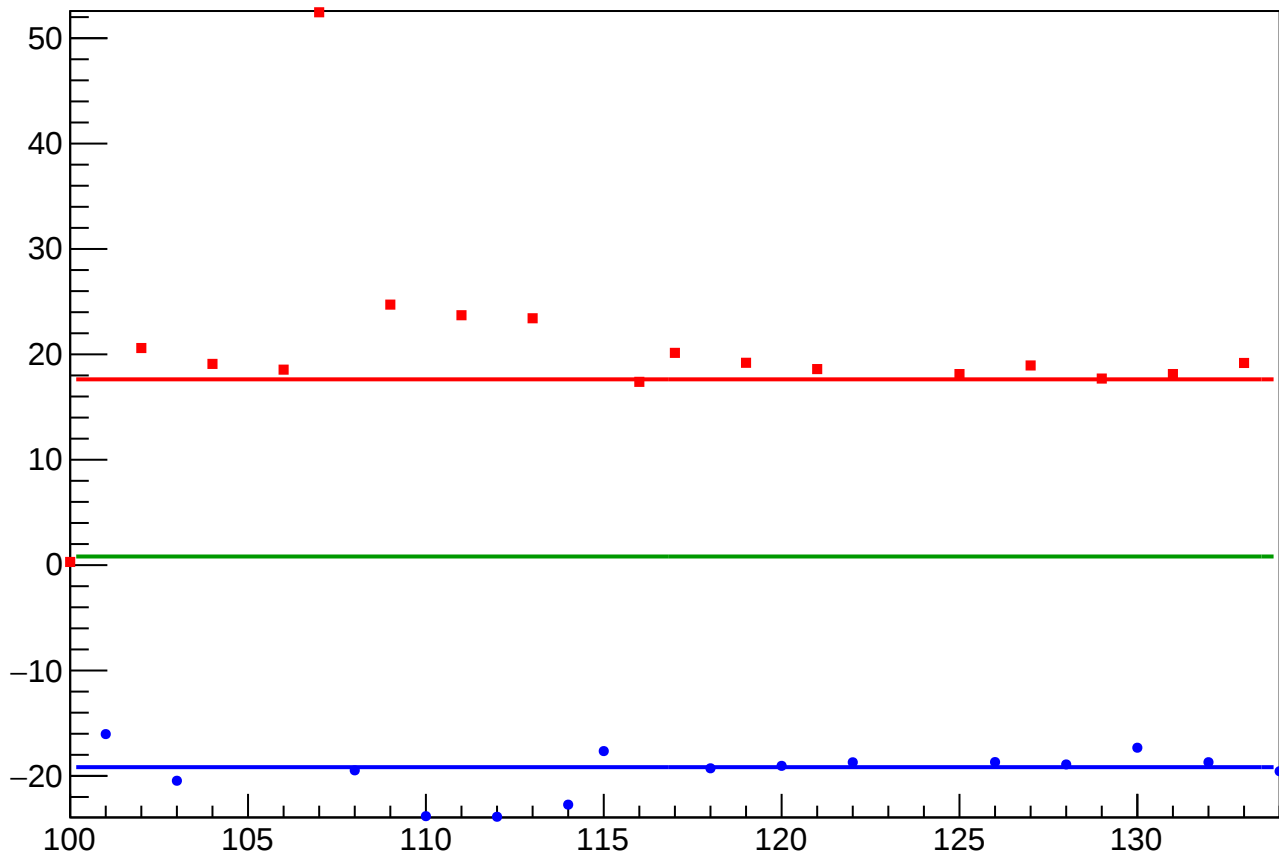
reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.784+/-0.264 χ^2/NDF : 544.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.801+/-0.261 χ^2/NDF : 561.7/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.784+/-0.264 χ^2/NDF : 544.0/14
 0.452+/-0.186 χ^2/NDF : 1640.8/31
 -3.801+/-0.261 χ^2/NDF : 561.7/16

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.170 $\pm$ 0.017 χ^2 /NDF: 15105.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.629 $\pm$ 0.016 χ^2 /NDF: 281060.1/16

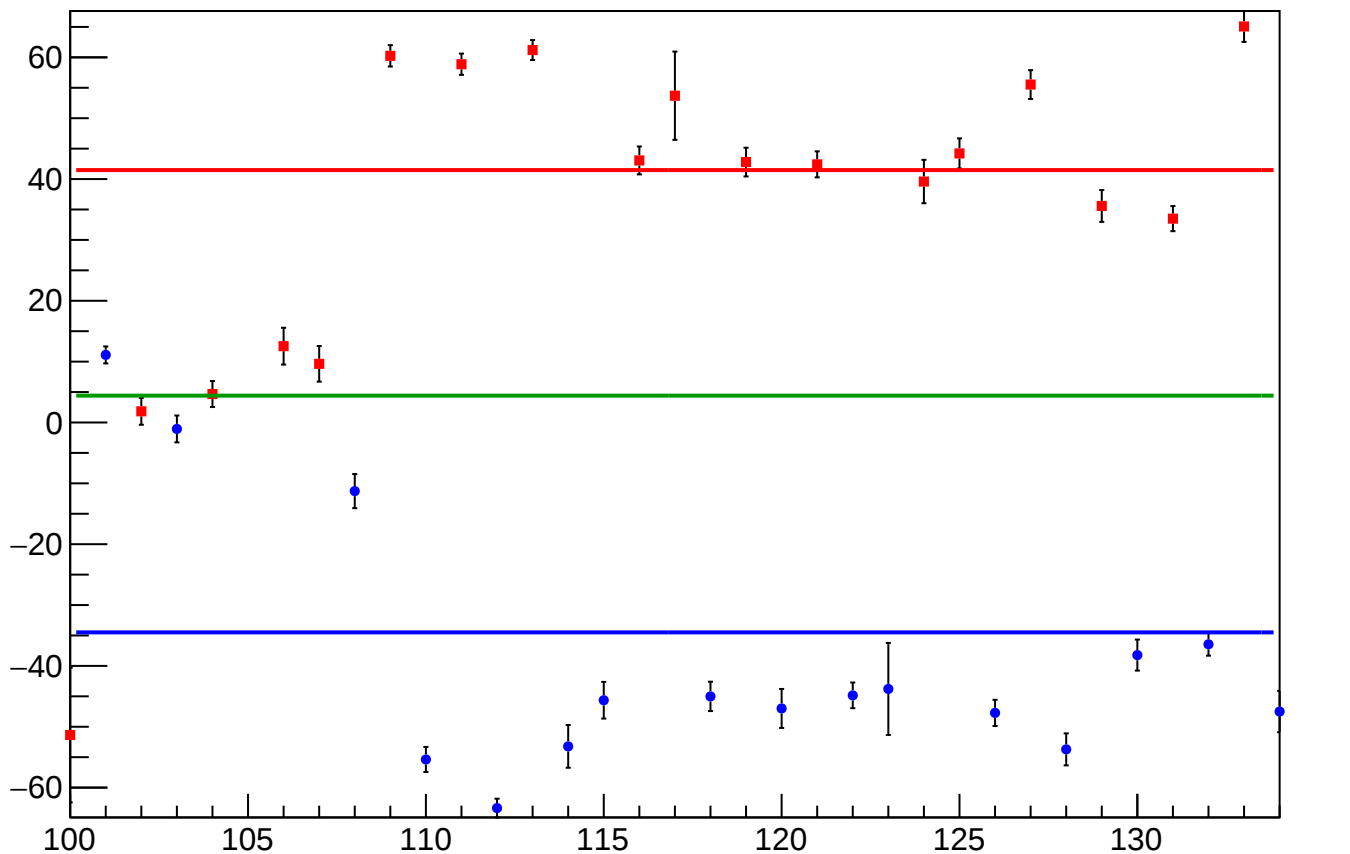
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.170 $\pm$ 0.017 χ^2 /NDF: 15105.9/14

0.819 $\pm$ 0.012 χ^2 /NDF: 2815742.3/31

17.629 $\pm$ 0.016 χ^2 /NDF: 281060.1/16

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.492 ± 0.569 χ^2/NDF : 2031.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 41.475 ± 0.555 χ^2/NDF : 1405.0/17

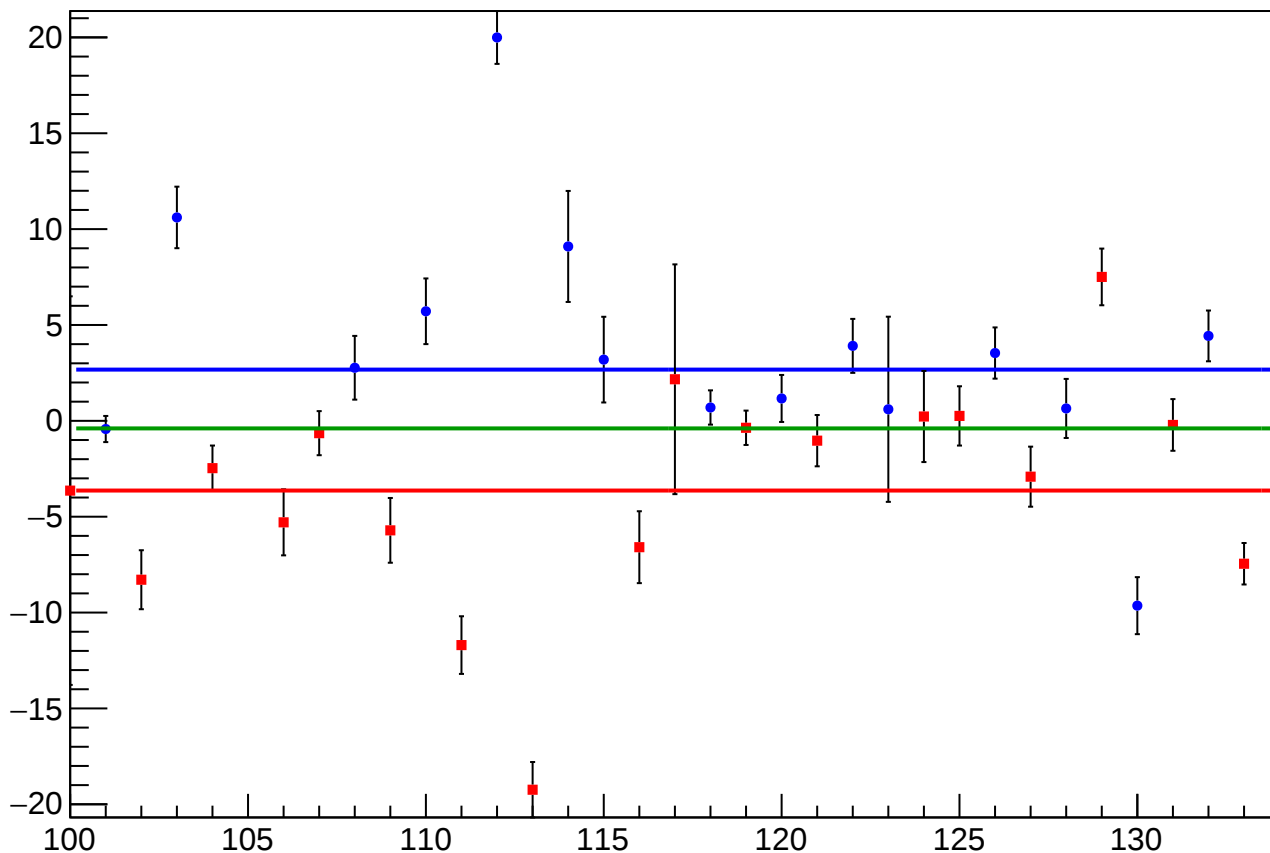
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.492 ± 0.569 χ^2/NDF : 2031.2/15

4.414 ± 0.397 χ^2/NDF : 12579.5/33

41.475 ± 0.555 χ^2/NDF : 1405.0/17

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.672 ± 0.334 χ^2/NDF : 291.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.636 ± 0.343 χ^2/NDF : 270.0/17

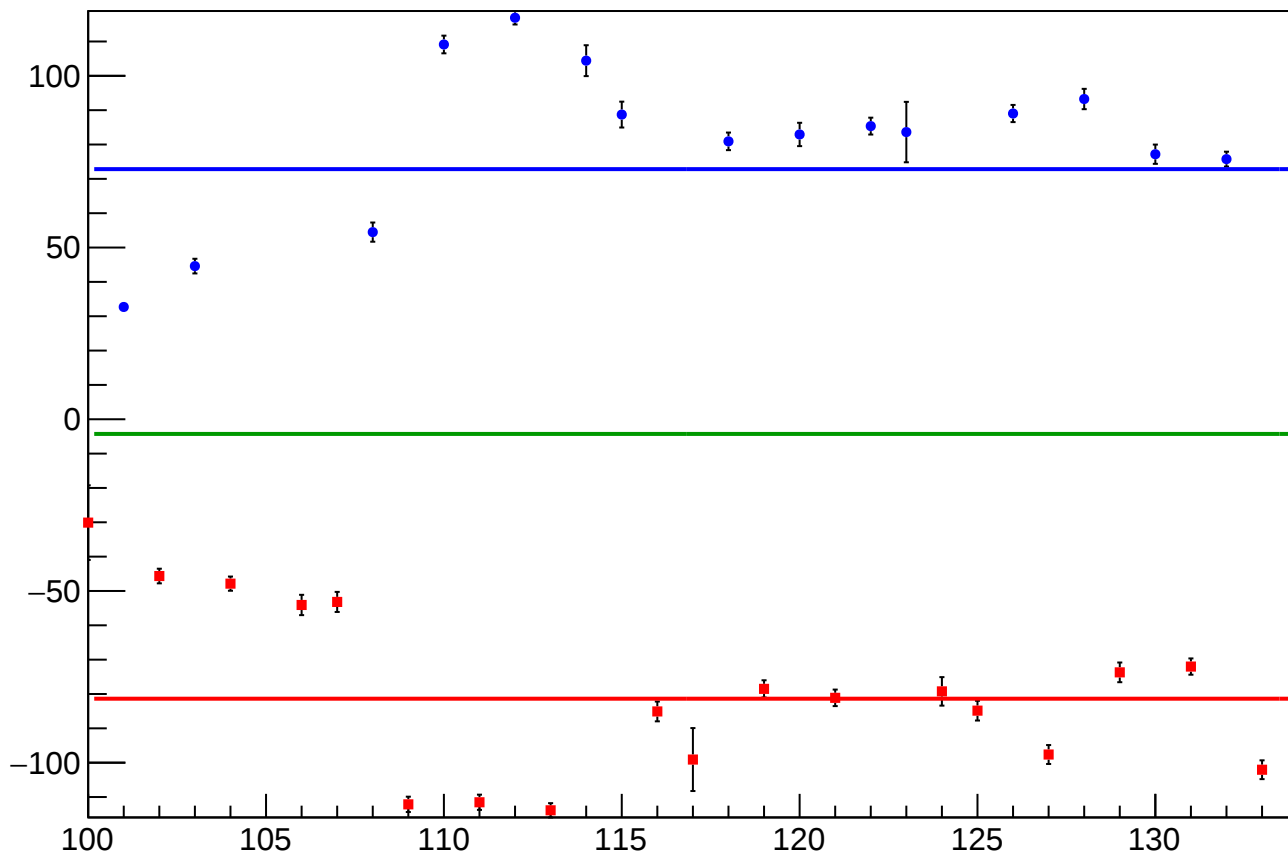
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.672 ± 0.334 χ^2/NDF : 291.3/15

-0.395 ± 0.239 χ^2/NDF : 735.0/33

-3.636 ± 0.343 χ^2/NDF : 270.0/17

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.834+/-0.628 χ^2 /NDF: 2027.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -81.369+/-0.628 χ^2 /NDF: 1485.9/17

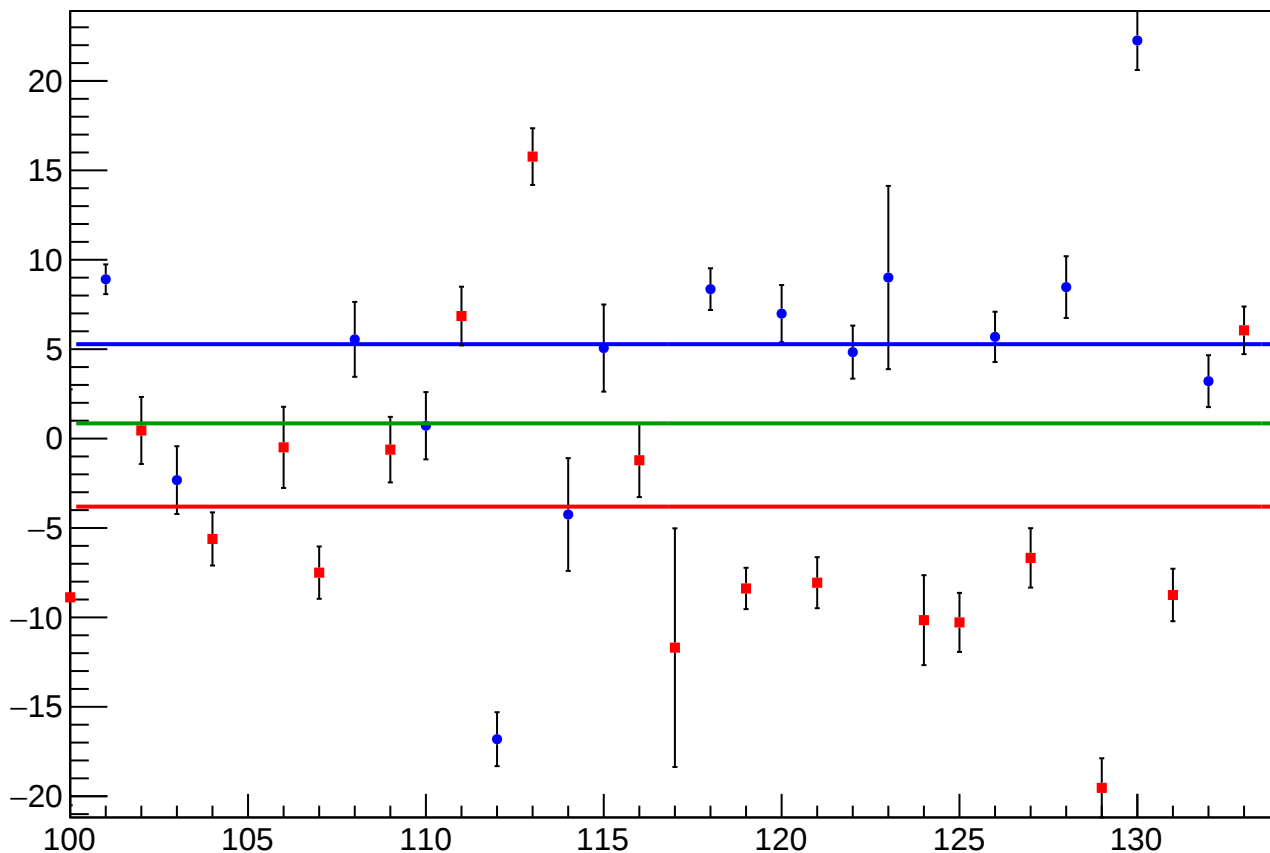
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

72.834+/-0.628 χ^2 /NDF: 2027.5/15

-4.271+/-0.444 χ^2 /NDF: 33685.0/33

-81.369+/-0.628 χ^2 /NDF: 1485.9/17

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.280 $\pm$ 0.390 χ^2 /NDF: 386.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.804 $\pm$ 0.400 χ^2 /NDF: 422.0/17

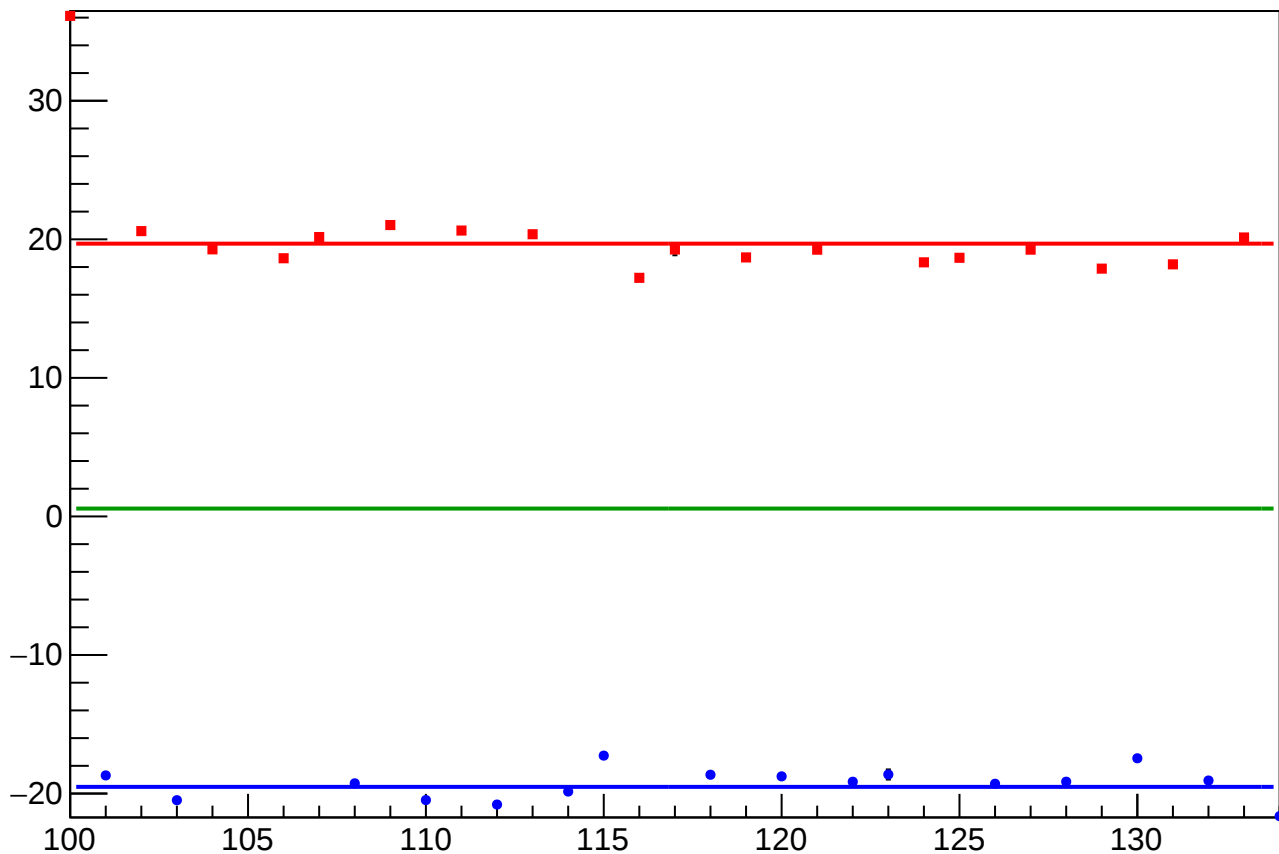
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.280 $\pm$ 0.390 χ^2 /NDF: 386.1/15

0.851 $\pm$ 0.279 χ^2 /NDF: 1072.6/33

-3.804 $\pm$ 0.400 χ^2 /NDF: 422.0/17

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.518 $\pm$ 0.022 χ^2 /NDF: 2100.5/15

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

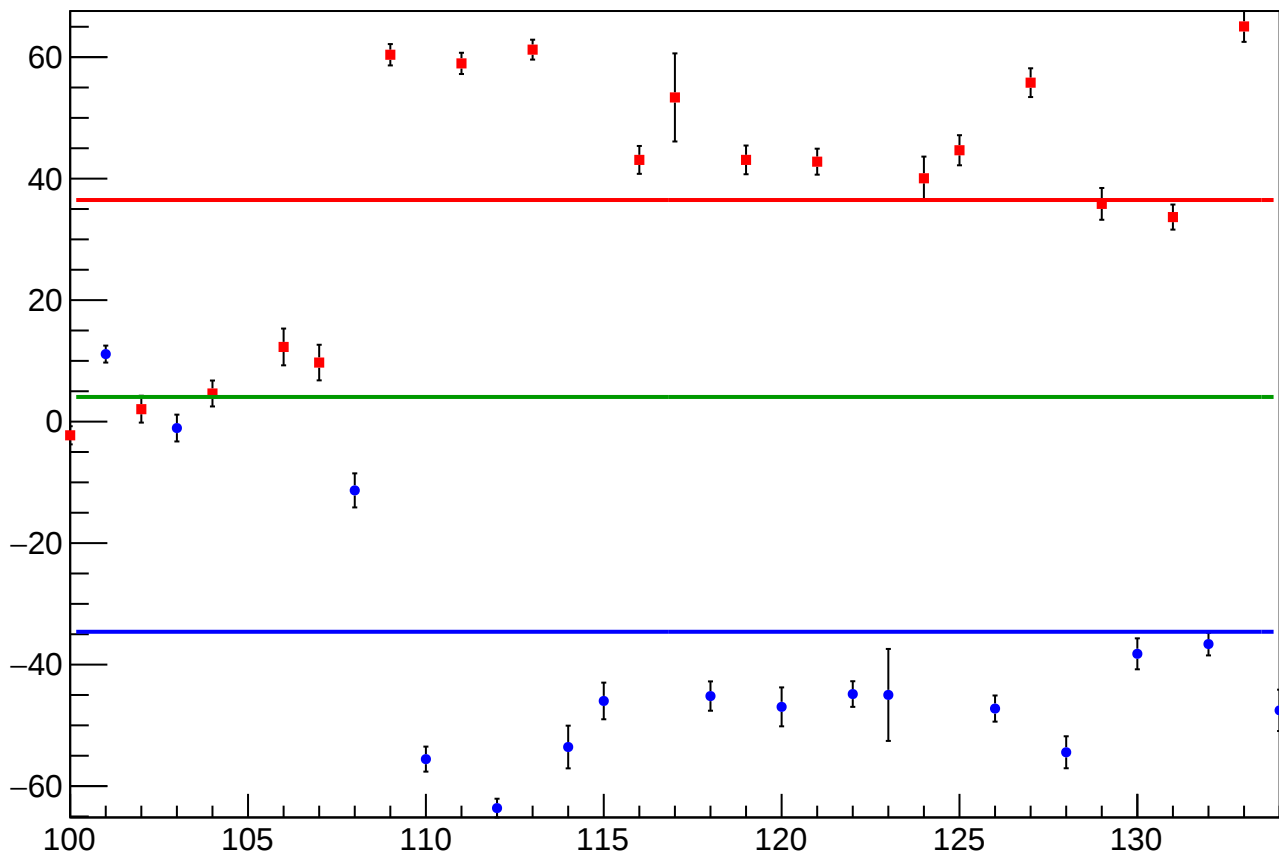
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.518 $\pm$ 0.022 χ^2 /NDF: 2100.5/15

0.568 $\pm$ 0.016 χ^2 /NDF: 1593841.7/33

19.687 $\pm$ 0.022 χ^2 /NDF: 4161.4/17

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.594 ± 0.569 χ^2/NDF : 2042.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.481 ± 0.521 χ^2/NDF : 2102.2/17

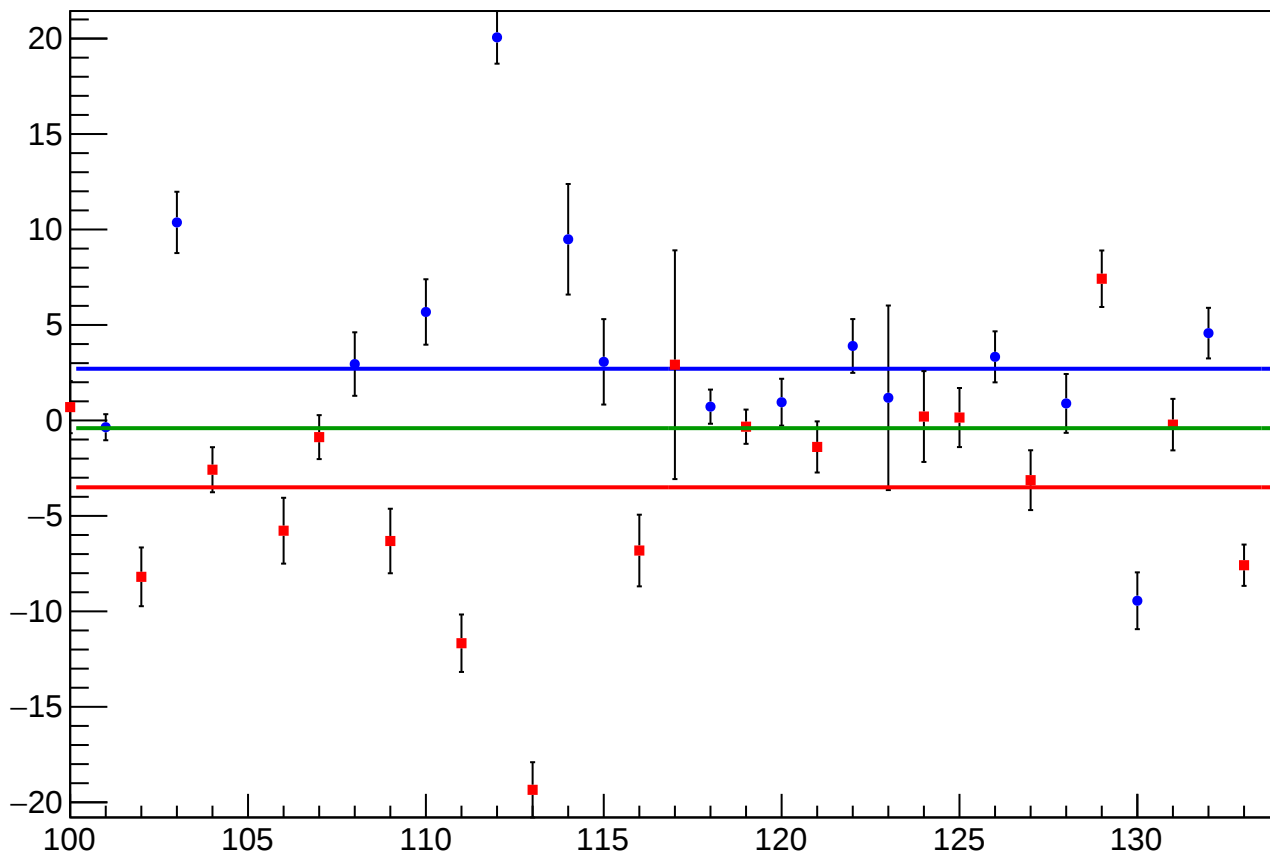
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.594 ± 0.569 χ^2/NDF : 2042.0/15

4.060 ± 0.384 χ^2/NDF : 12634.1/33

36.481 ± 0.521 χ^2/NDF : 2102.2/17

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.334 χ^2/NDF : 288.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.503+/-0.333 χ^2/NDF : 280.5/17

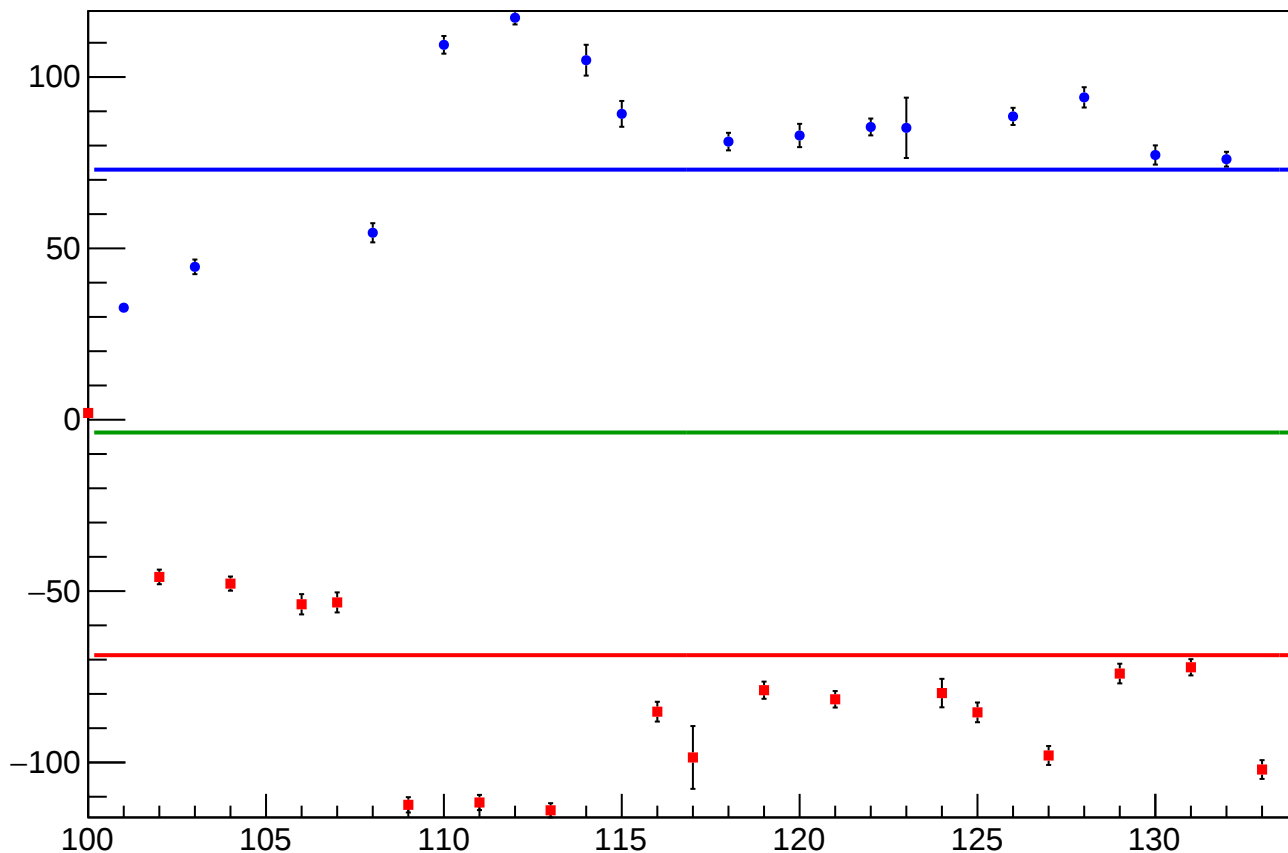
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.706+/-0.334 χ^2/NDF : 288.4/15

-0.406+/-0.236 χ^2/NDF : 742.3/33

-3.503+/-0.333 χ^2/NDF : 280.5/17

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.980+/-0.628 χ^2 /NDF: 2042.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -68.695+/-0.578 χ^2 /NDF: 4223.9/17

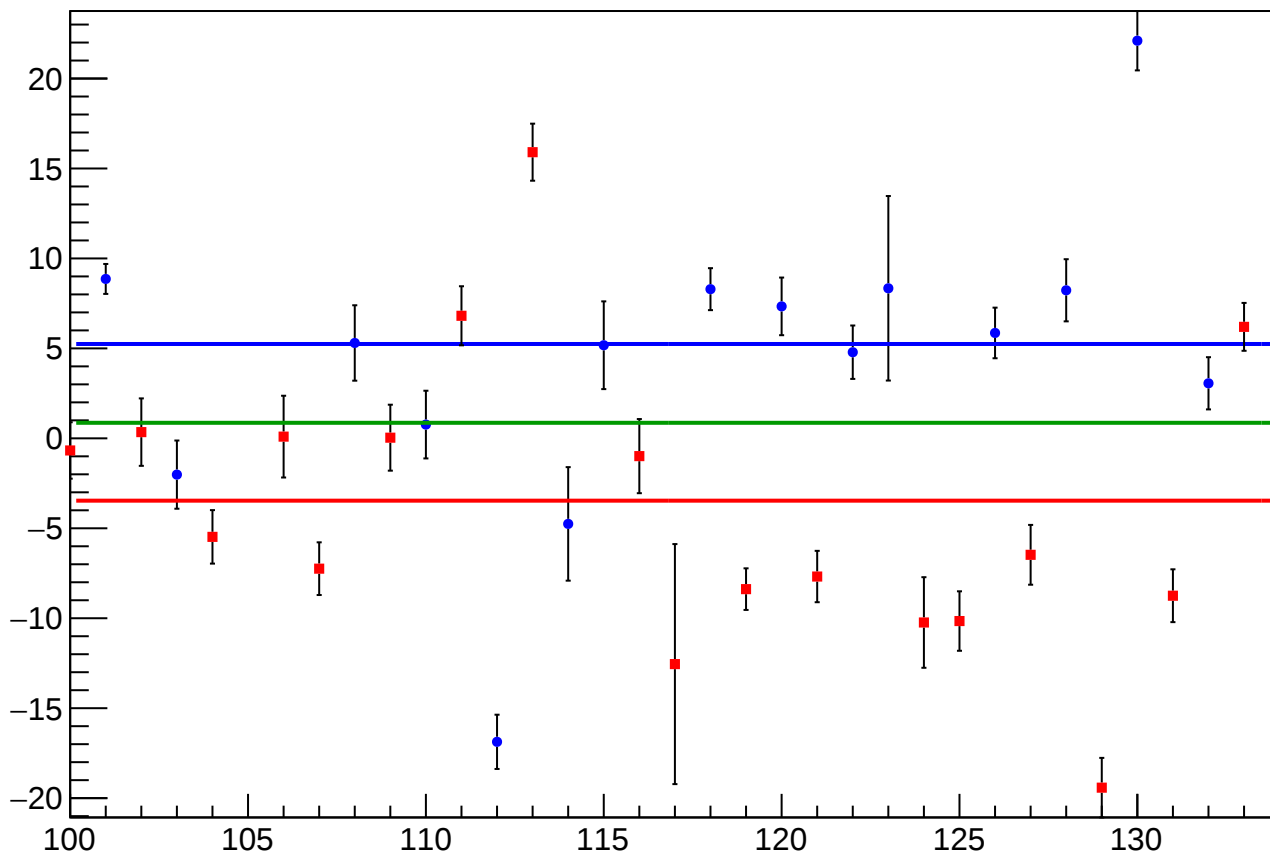
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

72.980+/-0.628 χ^2 /NDF: 2042.9/15

-3.724+/-0.425 χ^2 /NDF: 33812.8/33

-68.695+/-0.578 χ^2 /NDF: 4223.9/17

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.244+/-0.390 χ^2/NDF : 384.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.464+/-0.388 χ^2/NDF : 425.8/17

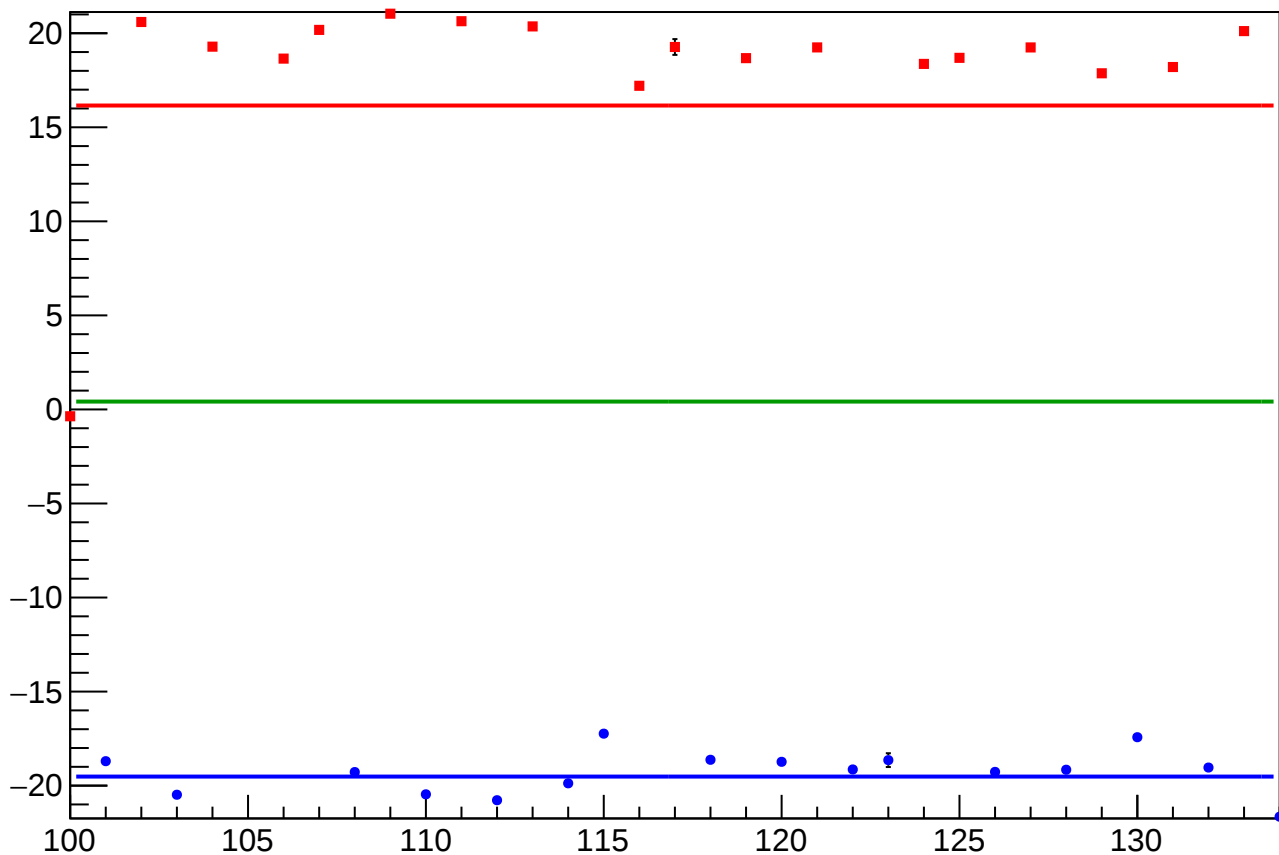
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.244+/-0.390 χ^2/NDF : 384.3/15

0.864+/-0.275 χ^2/NDF : 1060.6/33

-3.464+/-0.388 χ^2/NDF : 425.8/17

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.518 ± 0.022 χ^2/NDF : 2117.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.157 ± 0.020 χ^2/NDF : 148299.5/17

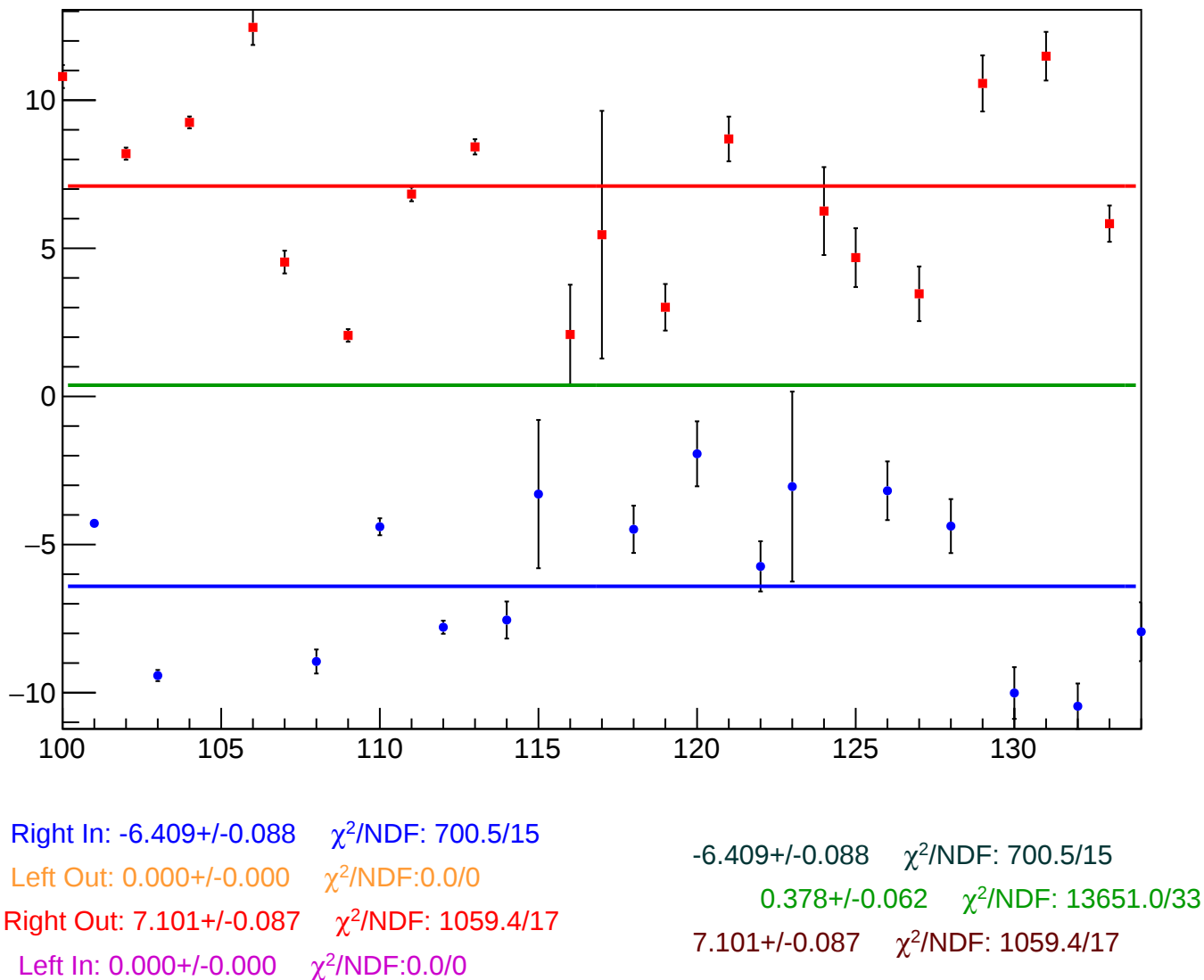
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-19.518 ± 0.022 χ^2/NDF : 2117.9/15

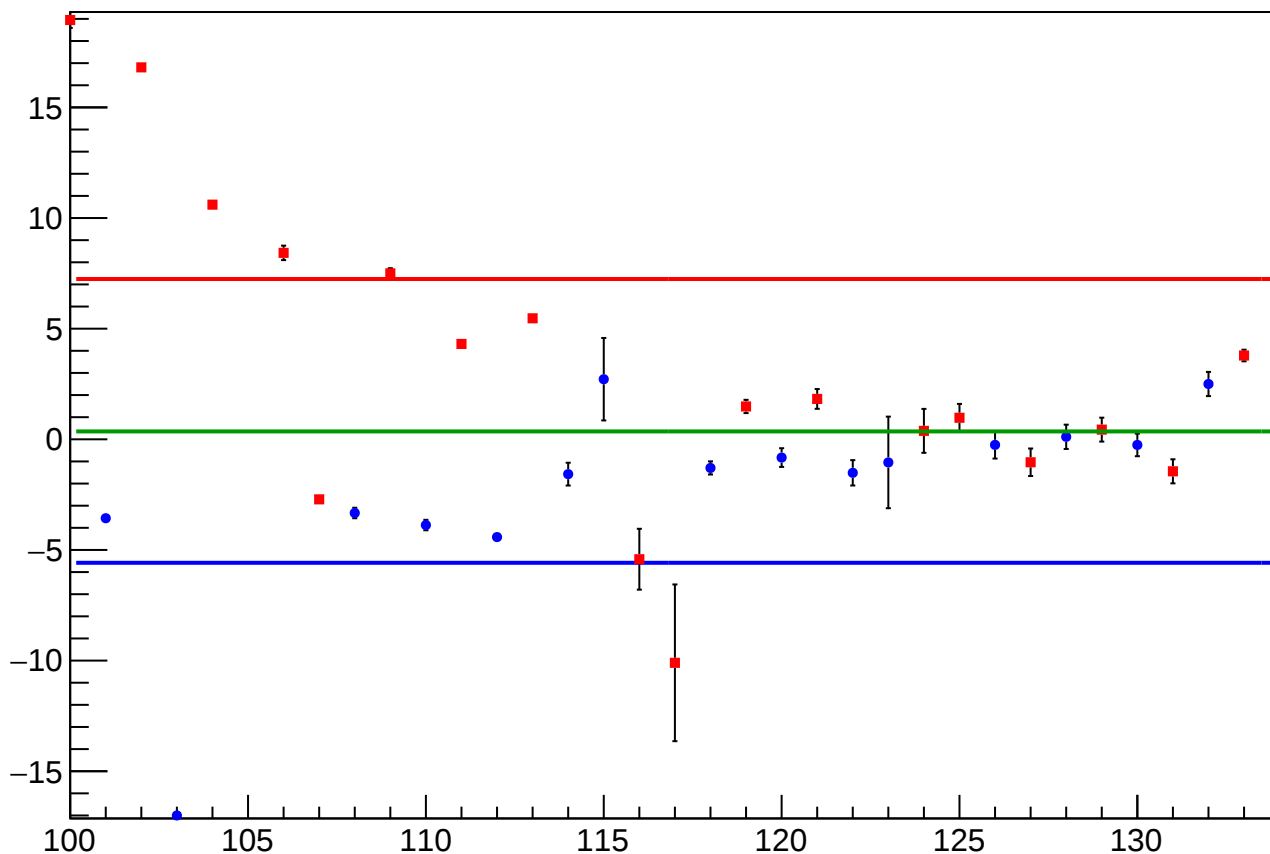
0.418 ± 0.015 χ^2/NDF : 1582565.4/33

16.157 ± 0.020 χ^2/NDF : 148299.5/17

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



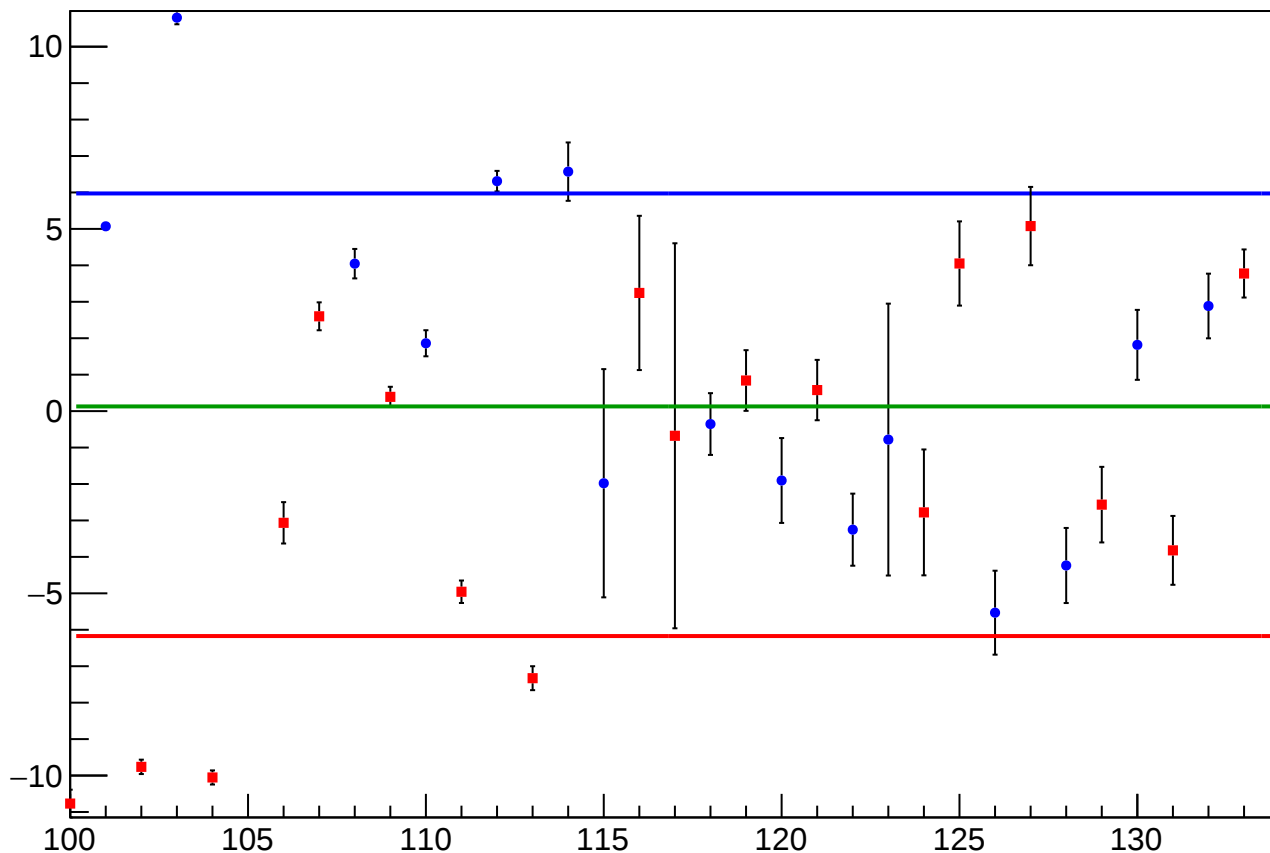
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.580+/-0.056 χ^2 /NDF: 9002.0/15
 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

-5.580+/-0.056 χ^2 /NDF: 9002.0/15
 0.356+/-0.041 χ^2 /NDF: 45561.2/33
 7.245+/-0.060 χ^2 /NDF: 12051.8/17

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.973 ± 0.091 $\chi^2/\text{NDF}: 1375.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.172 ± 0.095 $\chi^2/\text{NDF}: 2618.9/17$

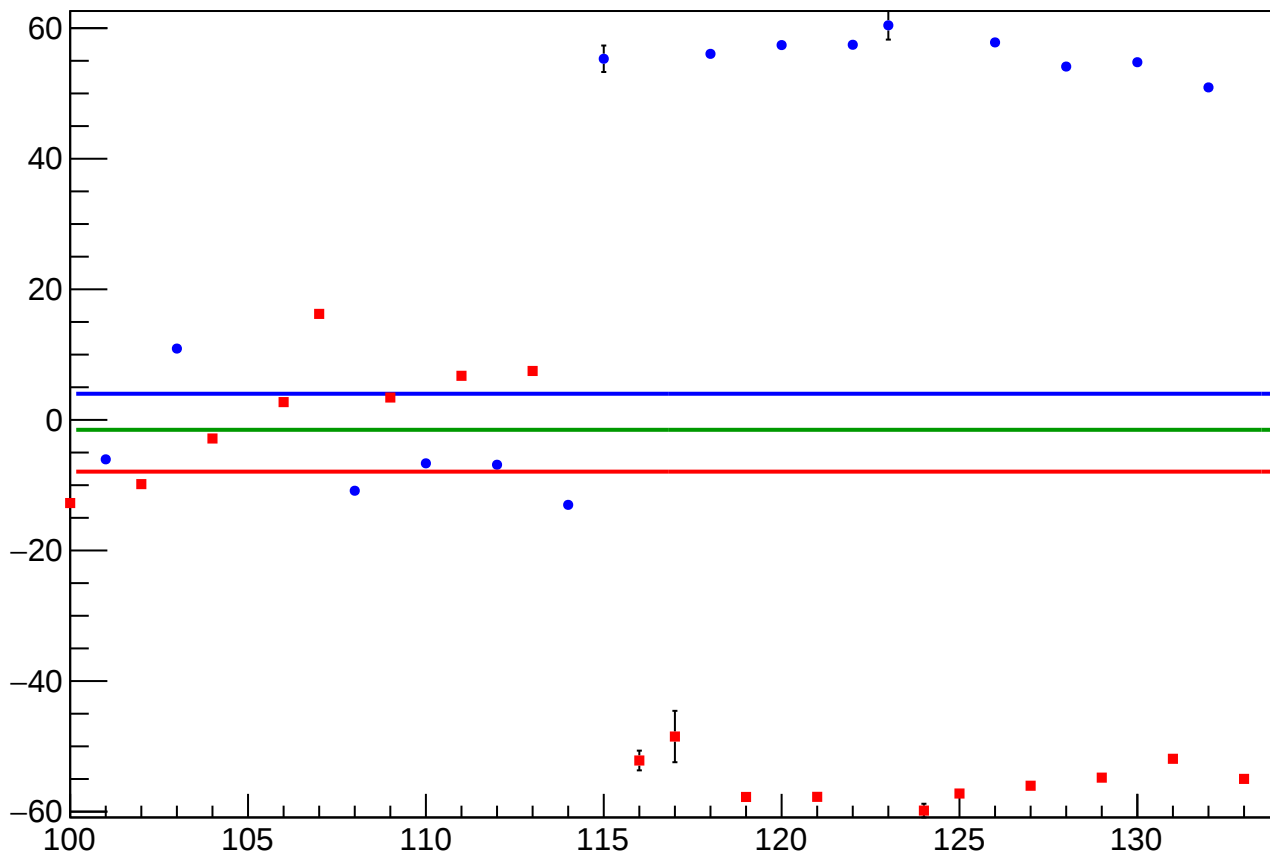
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

5.973 ± 0.091 $\chi^2/\text{NDF}: 1375.5/15$

0.129 ± 0.066 $\chi^2/\text{NDF}: 12522.0/33$

-6.172 ± 0.095 $\chi^2/\text{NDF}: 2618.9/17$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.006 ± 0.066 χ^2/NDF : 94778.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.924 ± 0.071 χ^2/NDF : 101753.8/17

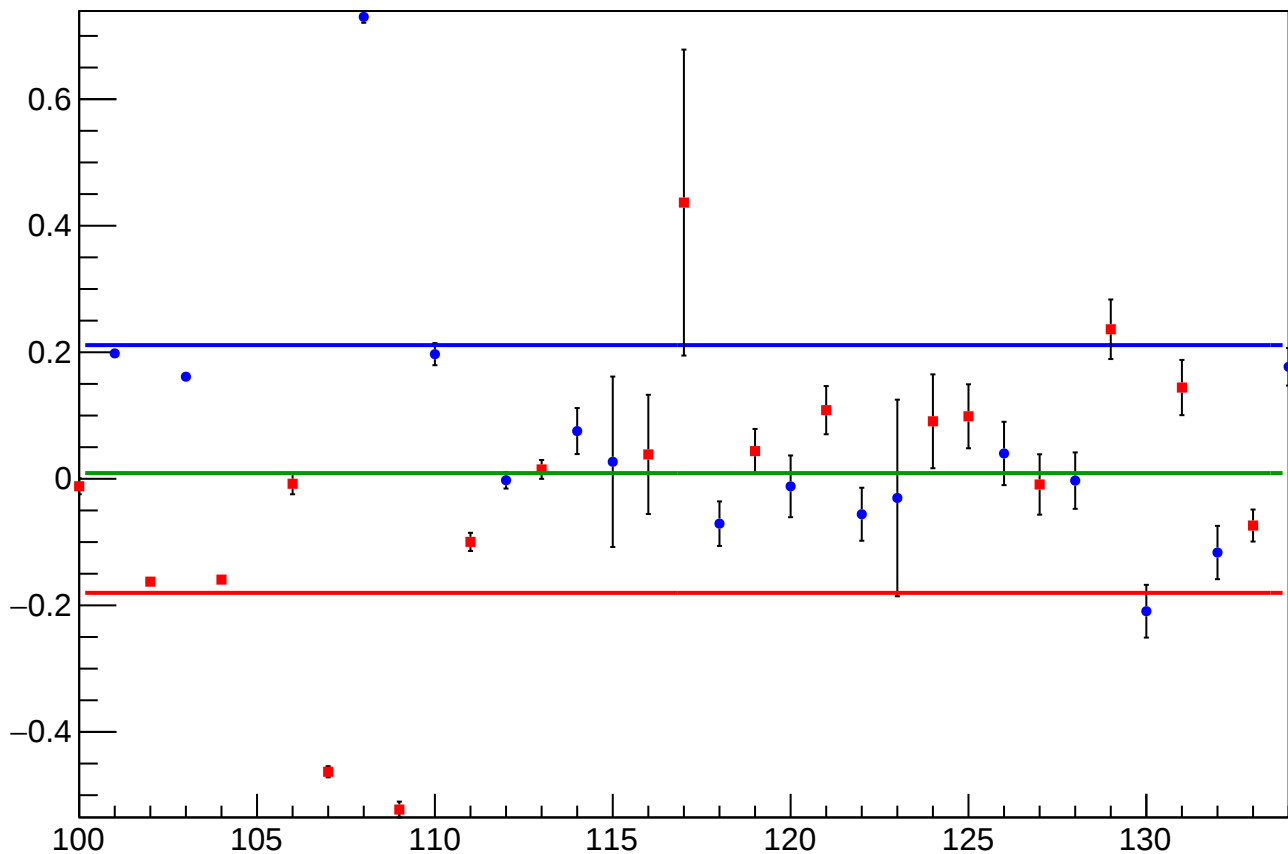
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.006 ± 0.066 χ^2/NDF : 94778.2/15

-1.519 ± 0.049 χ^2/NDF : 211539.7/33

-7.924 ± 0.071 χ^2/NDF : 101753.8/17

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.211 $\pm$ 0.003 χ^2 /NDF: 3885.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.180 $\pm$ 0.003 χ^2 /NDF: 2621.2/17

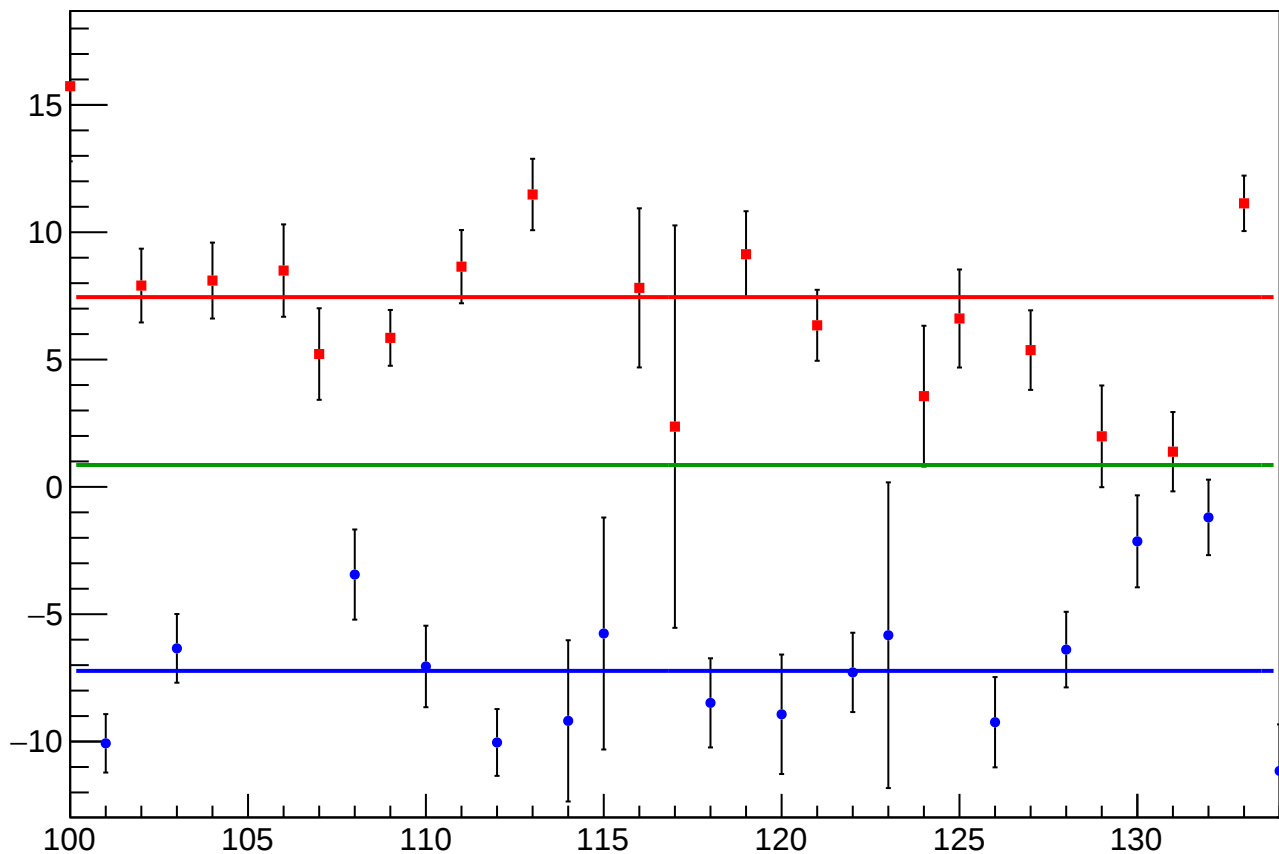
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.211 $\pm$ 0.003 χ^2 /NDF: 3885.9/15

0.009 $\pm$ 0.002 χ^2 /NDF: 16345.3/33

-0.180 $\pm$ 0.003 χ^2 /NDF: 2621.2/17

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.225 ± 0.425 χ^2/NDF : 48.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.453 ± 0.384 χ^2/NDF : 61.2/17

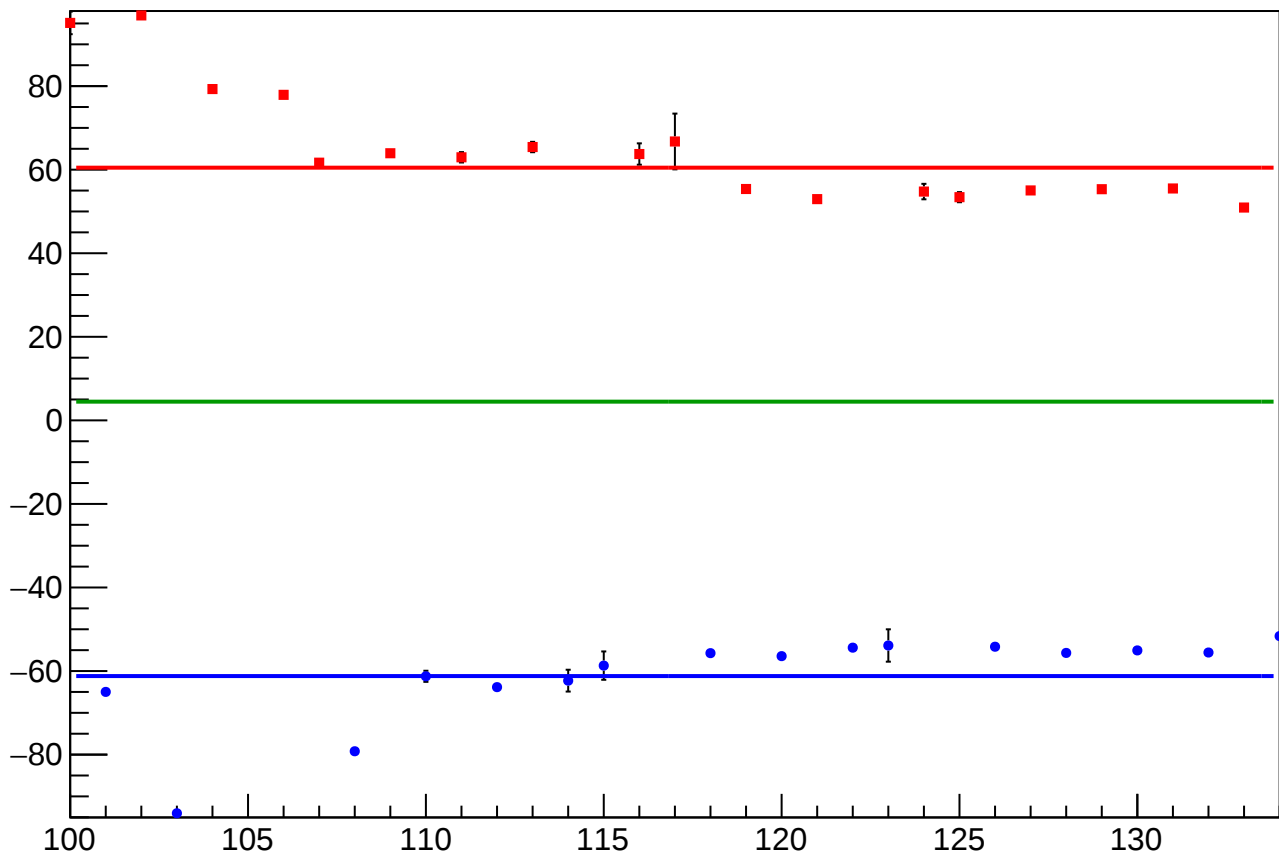
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.225 ± 0.425 χ^2/NDF : 48.0/15

0.859 ± 0.285 χ^2/NDF : 765.4/33

7.453 ± 0.384 χ^2/NDF : 61.2/17

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -61.201 ± 0.248 $\chi^2/\text{NDF}: 1836.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 60.480 ± 0.229 $\chi^2/\text{NDF}: 2772.6/17$

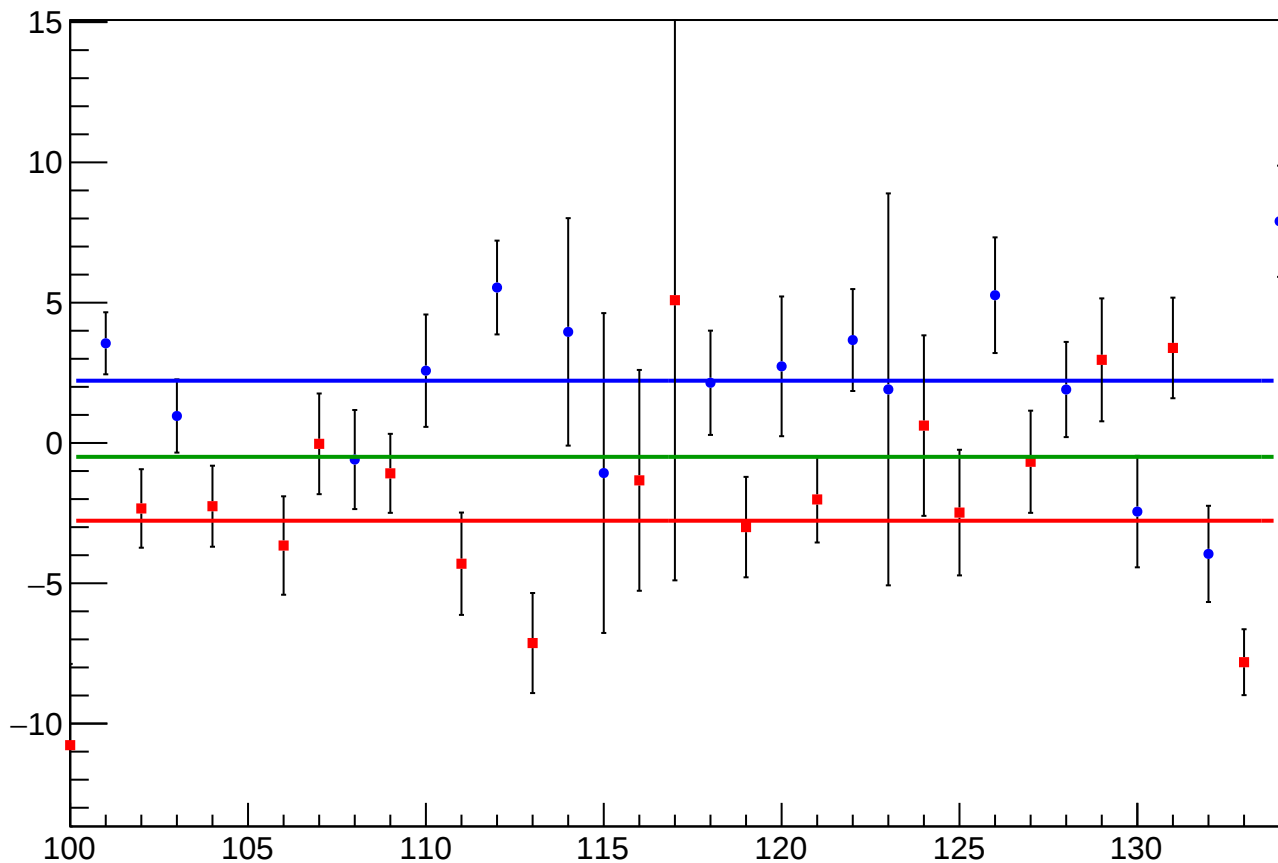
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-61.201 ± 0.248 $\chi^2/\text{NDF}: 1836.5/15$

4.479 ± 0.168 $\chi^2/\text{NDF}: 134929.7/33$

60.480 ± 0.229 $\chi^2/\text{NDF}: 2772.6/17$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.219 $\pm$ 0.465 χ^2 /NDF: 39.0/15

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

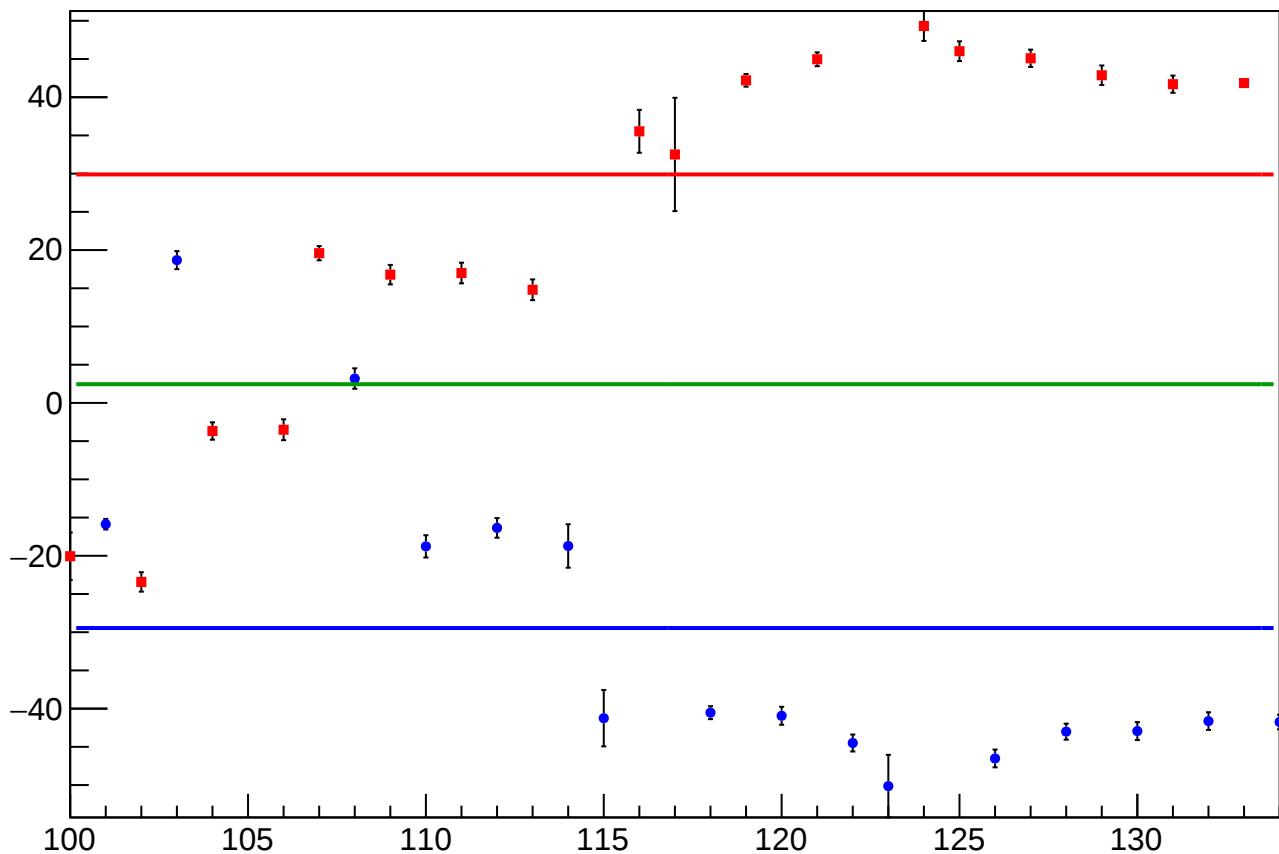
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.219 $\pm$ 0.465 χ^2 /NDF: 39.0/15

-0.494 $\pm$ 0.314 χ^2 /NDF: 160.8/33

-2.771 $\pm$ 0.426 χ^2 /NDF: 59.1/17

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -29.452 ± 0.290 $\chi^2/\text{NDF}: 4095.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 29.896 ± 0.269 $\chi^2/\text{NDF}: 5517.9/17$

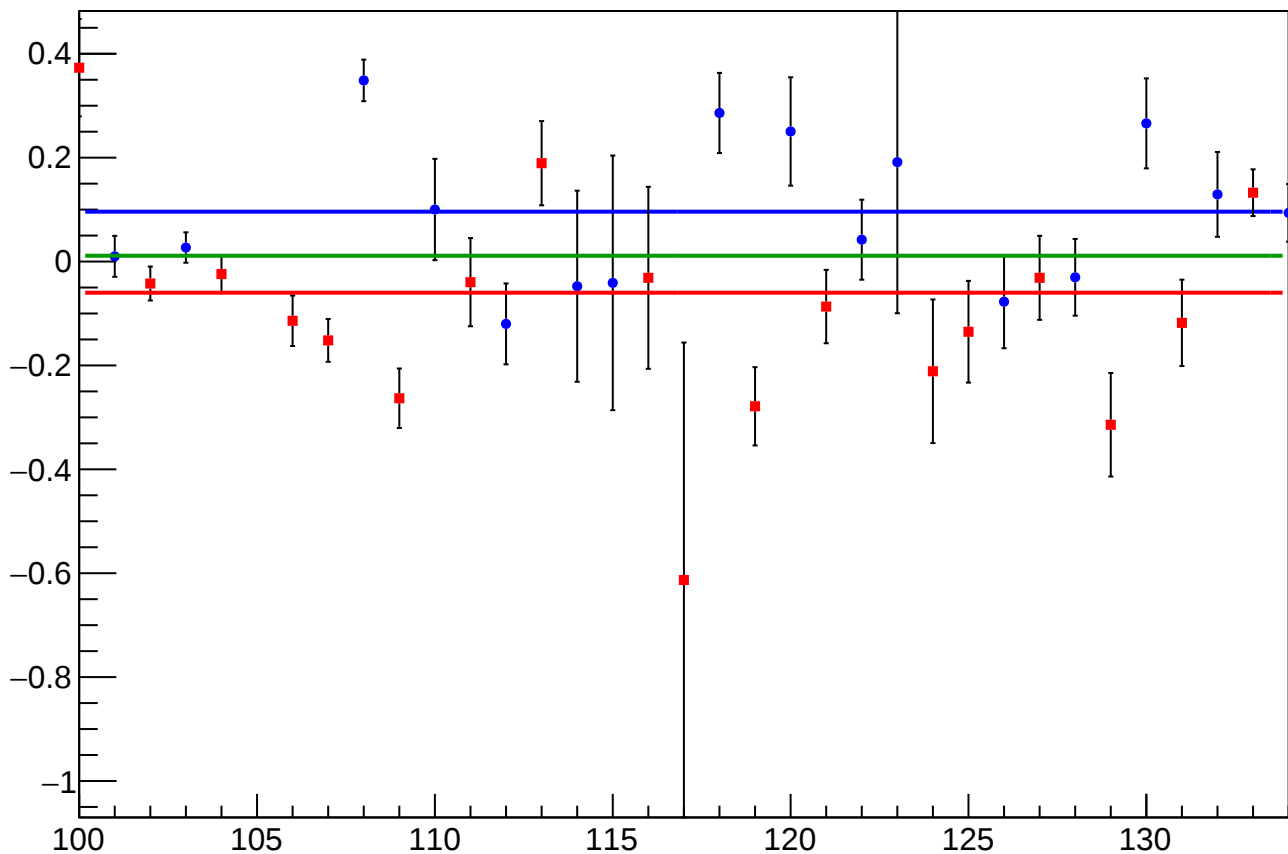
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-29.452 ± 0.290 $\chi^2/\text{NDF}: 4095.0/15$

2.448 ± 0.197 $\chi^2/\text{NDF}: 32064.9/33$

29.896 ± 0.269 $\chi^2/\text{NDF}: 5517.9/17$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.096+/-0.016 χ^2/NDF : 78.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.014 χ^2/NDF : 88.2/17

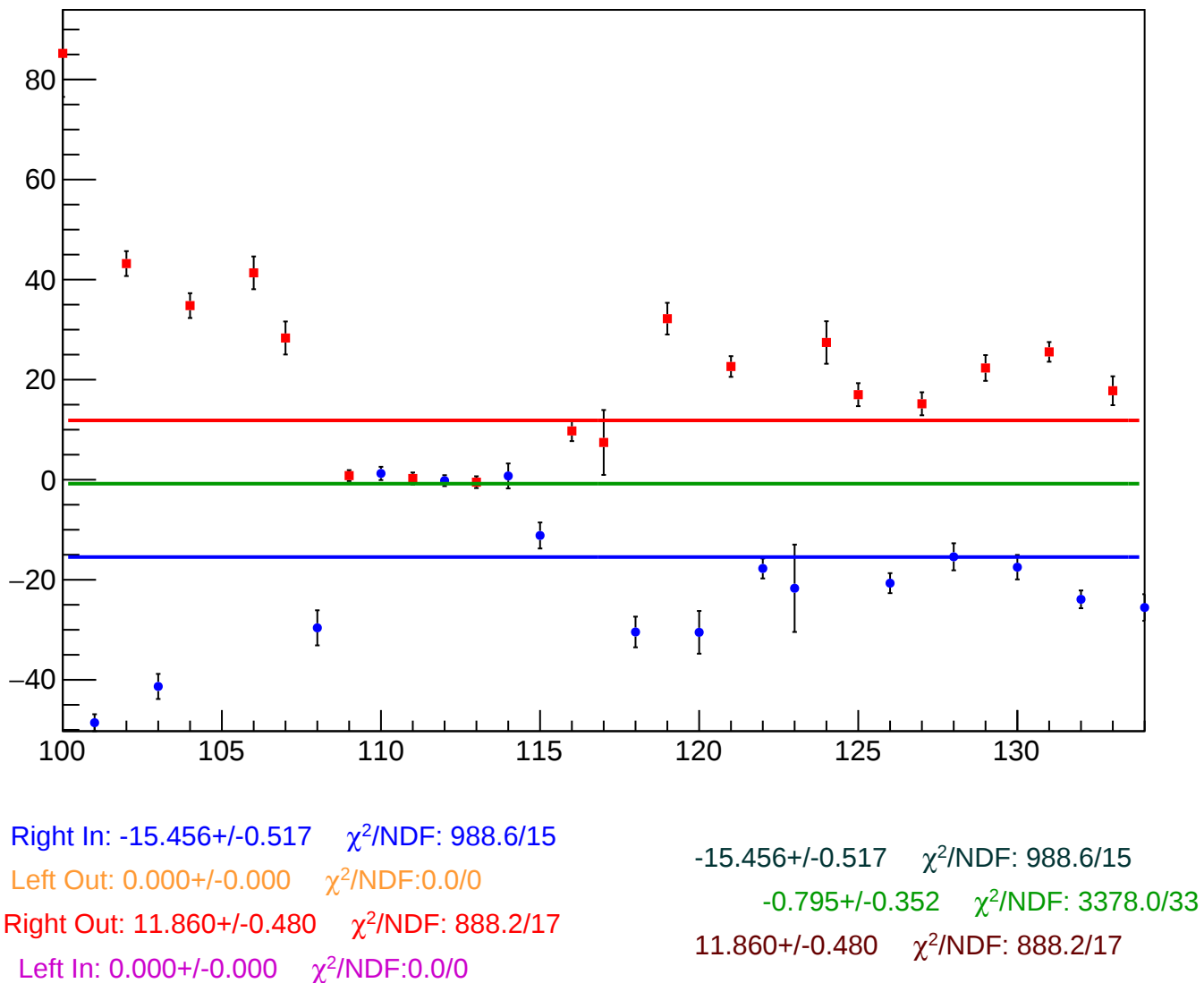
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.096+/-0.016 χ^2/NDF : 78.4/15

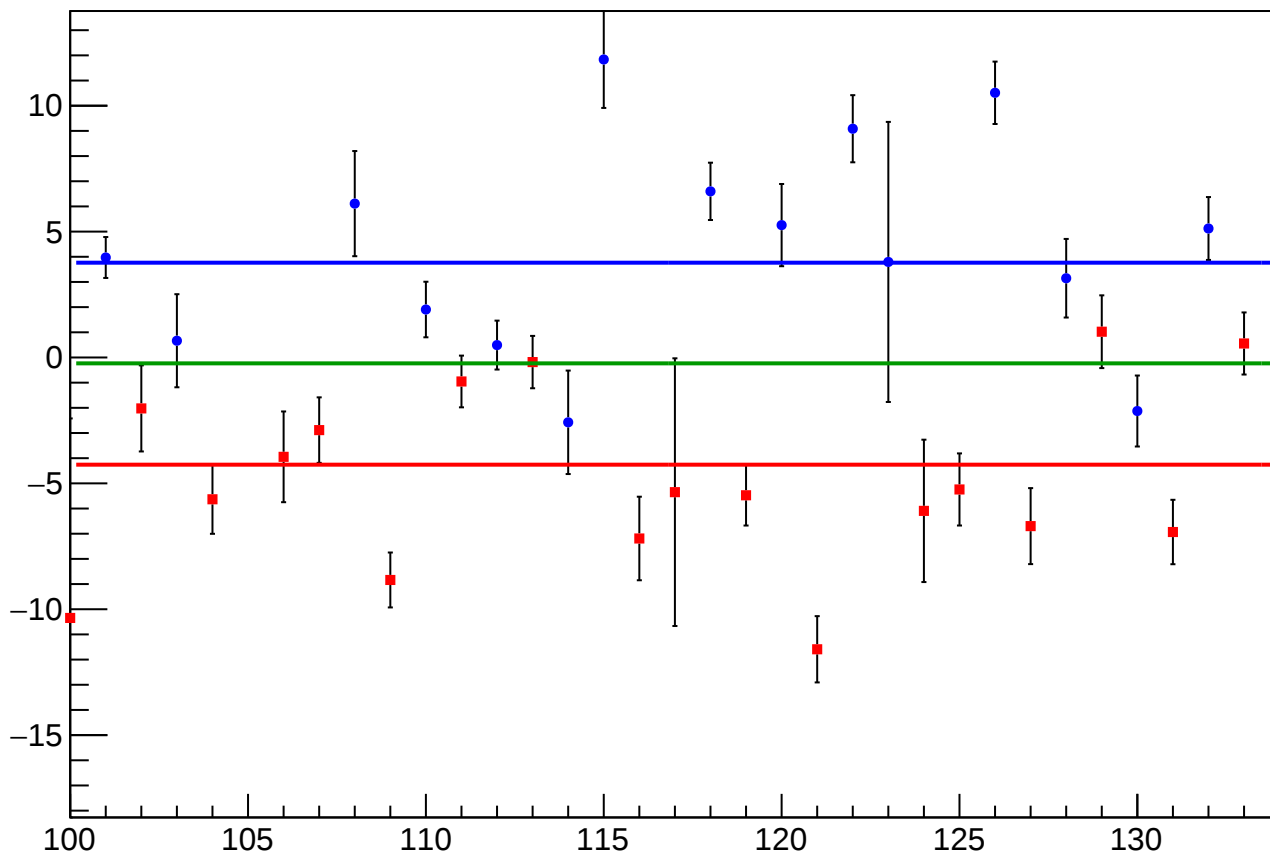
0.011+/-0.011 χ^2/NDF : 221.0/33

-0.060+/-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: 3.765 $\pm$ 0.333 χ^2/NDF : 134.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.258 $\pm$ 0.334 χ^2/NDF : 119.5/17

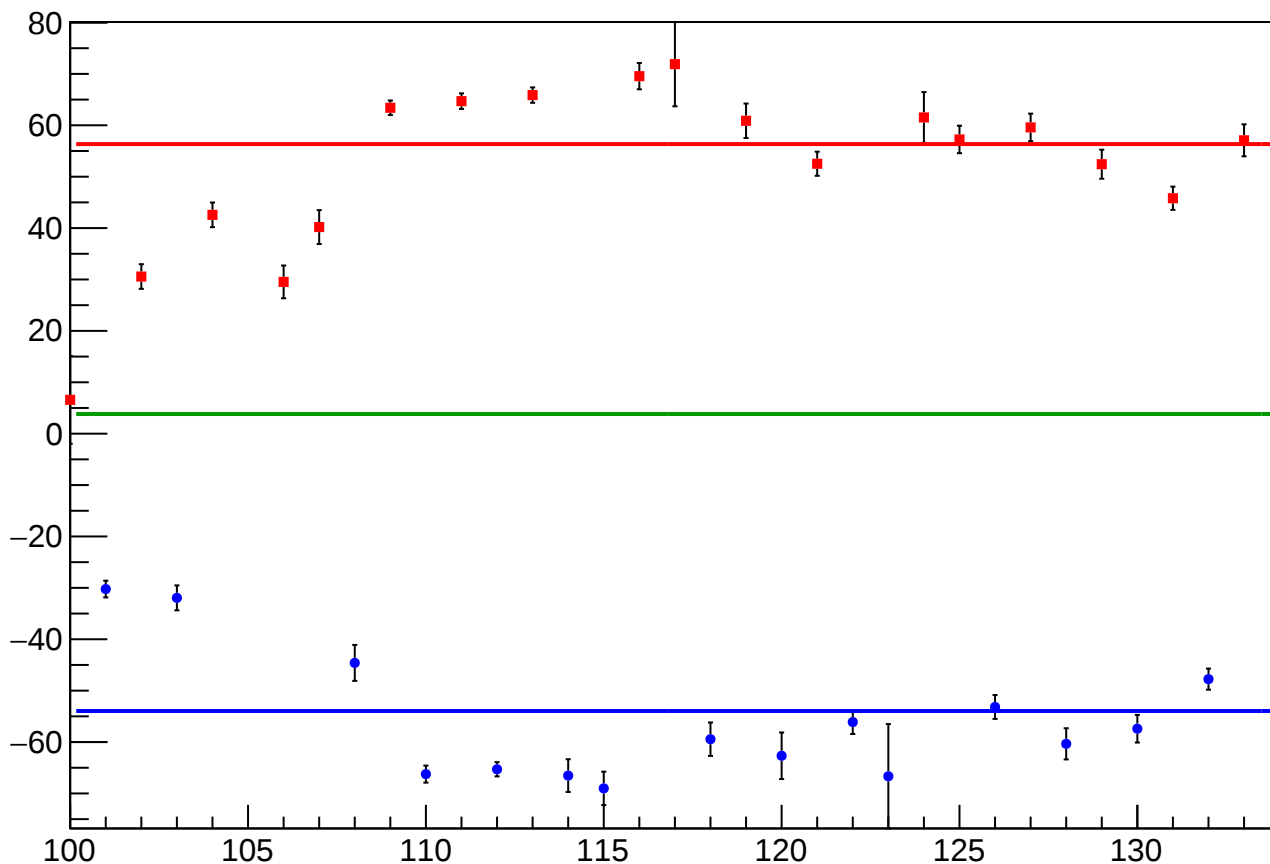
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

3.765 $\pm$ 0.333 χ^2/NDF : 134.6/15

-0.234 $\pm$ 0.236 χ^2/NDF : 543.6/33

-4.258 $\pm$ 0.334 χ^2/NDF : 119.5/17

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.957 $\pm$ 0.594 χ^2/NDF : 487.7/15

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

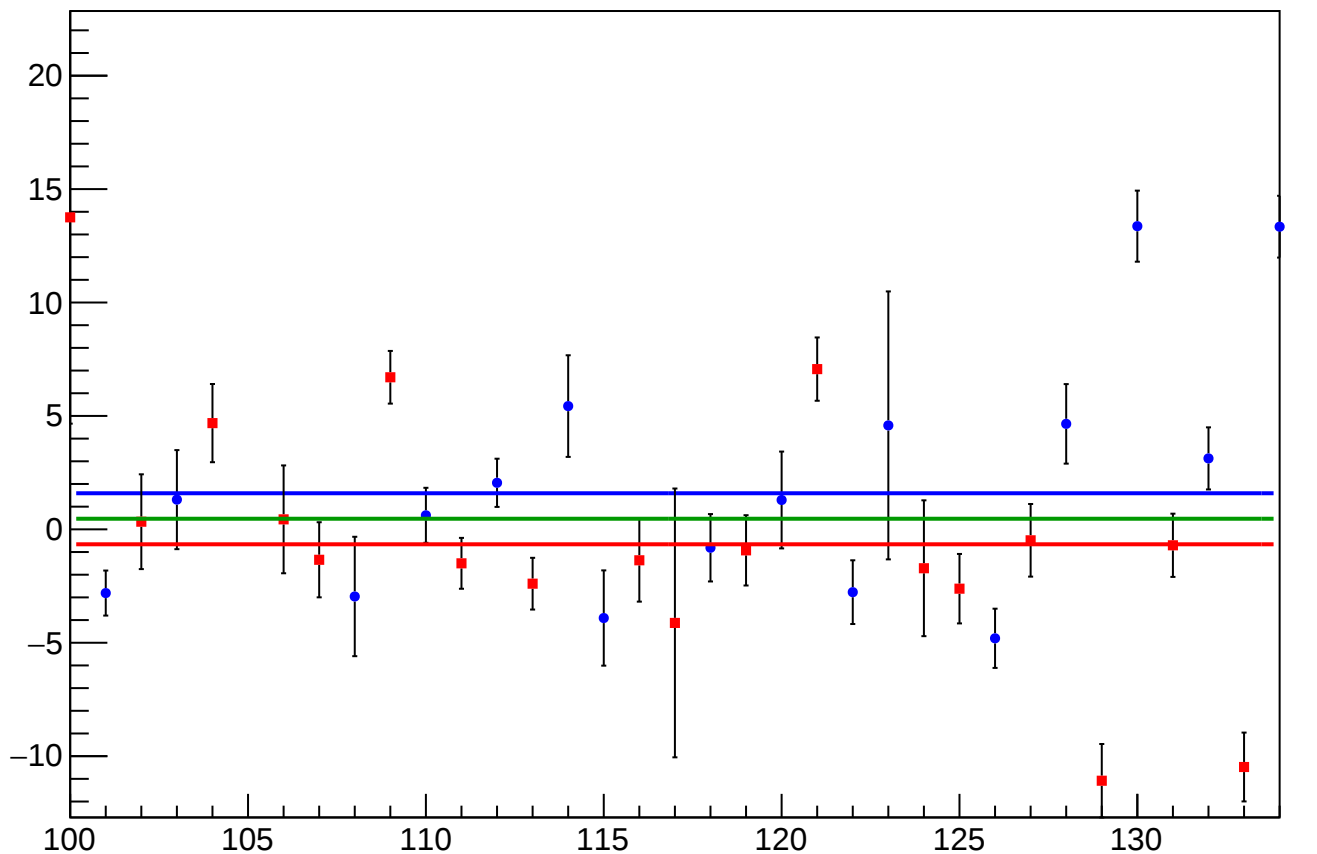
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-53.957 $\pm$ 0.594 χ^2/NDF : 487.7/15

3.823 $\pm$ 0.410 χ^2/NDF : 18965.2/33

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: 1.591+/-0.379 χ^2/NDF : 205.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.659+/-0.380 χ^2/NDF : 172.1/17

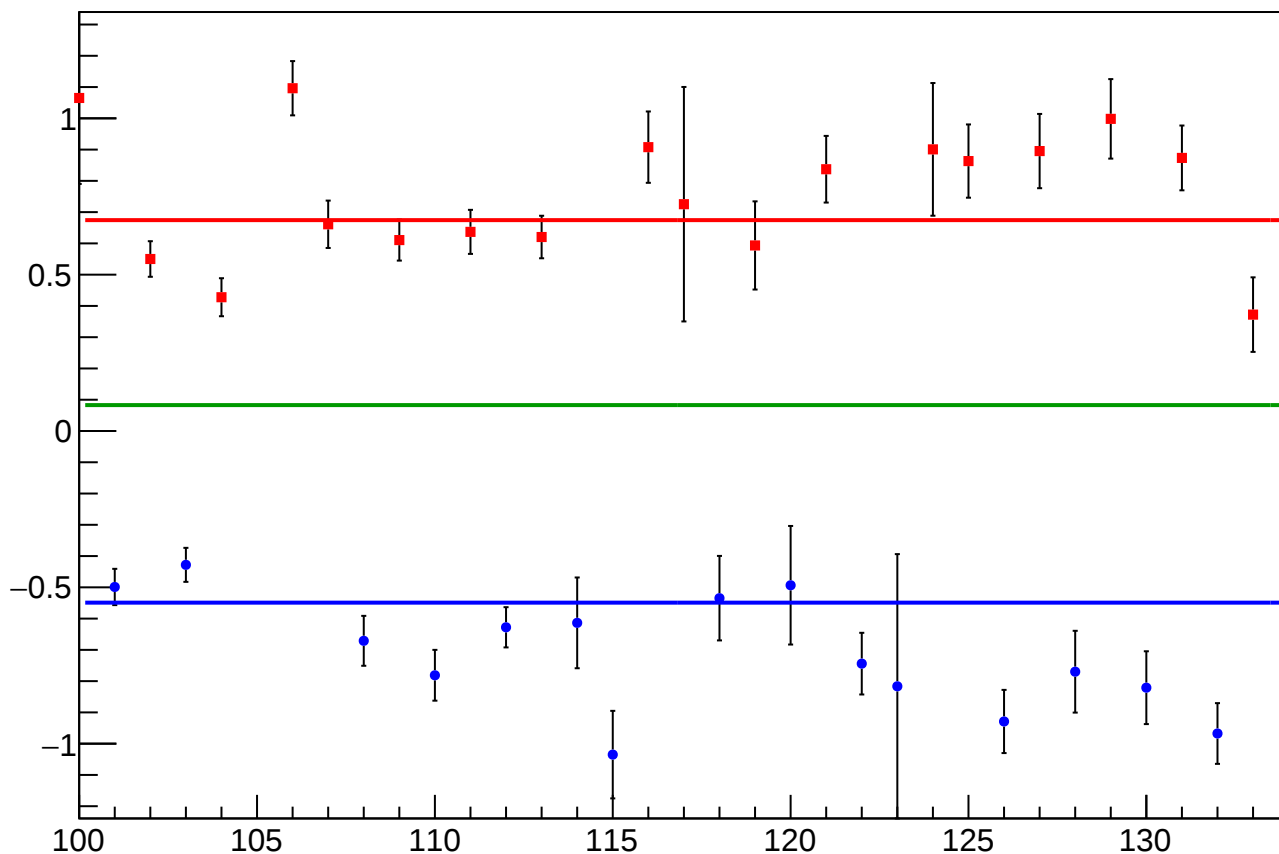
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.591+/-0.379 χ^2/NDF : 205.1/15

0.468+/-0.268 χ^2/NDF : 394.7/33

-0.659+/-0.380 χ^2/NDF : 172.1/17

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.549+/-0.022 χ^2/NDF : 225.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.674+/-0.022 χ^2/NDF : 79.4/17

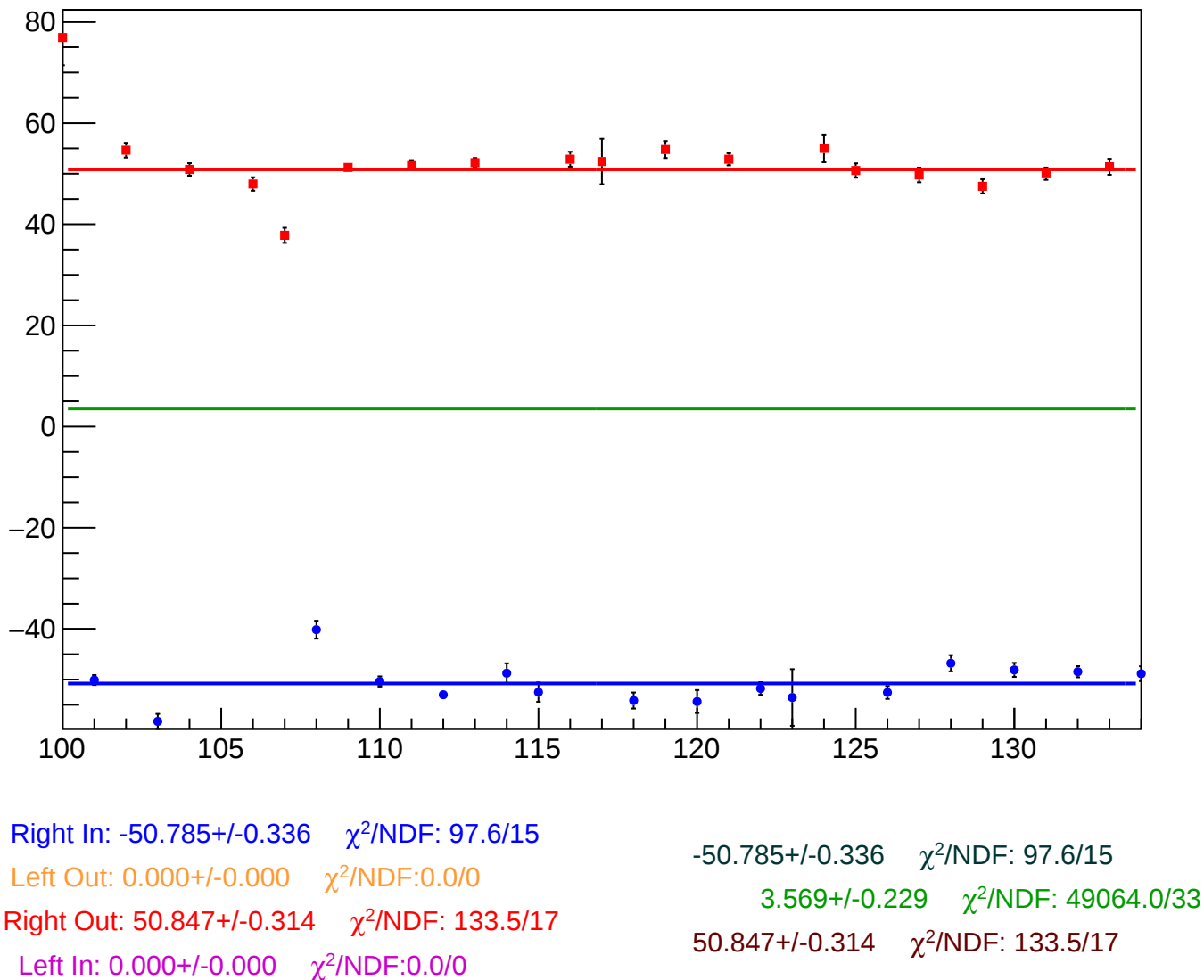
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.549+/-0.022 χ^2/NDF : 225.3/15

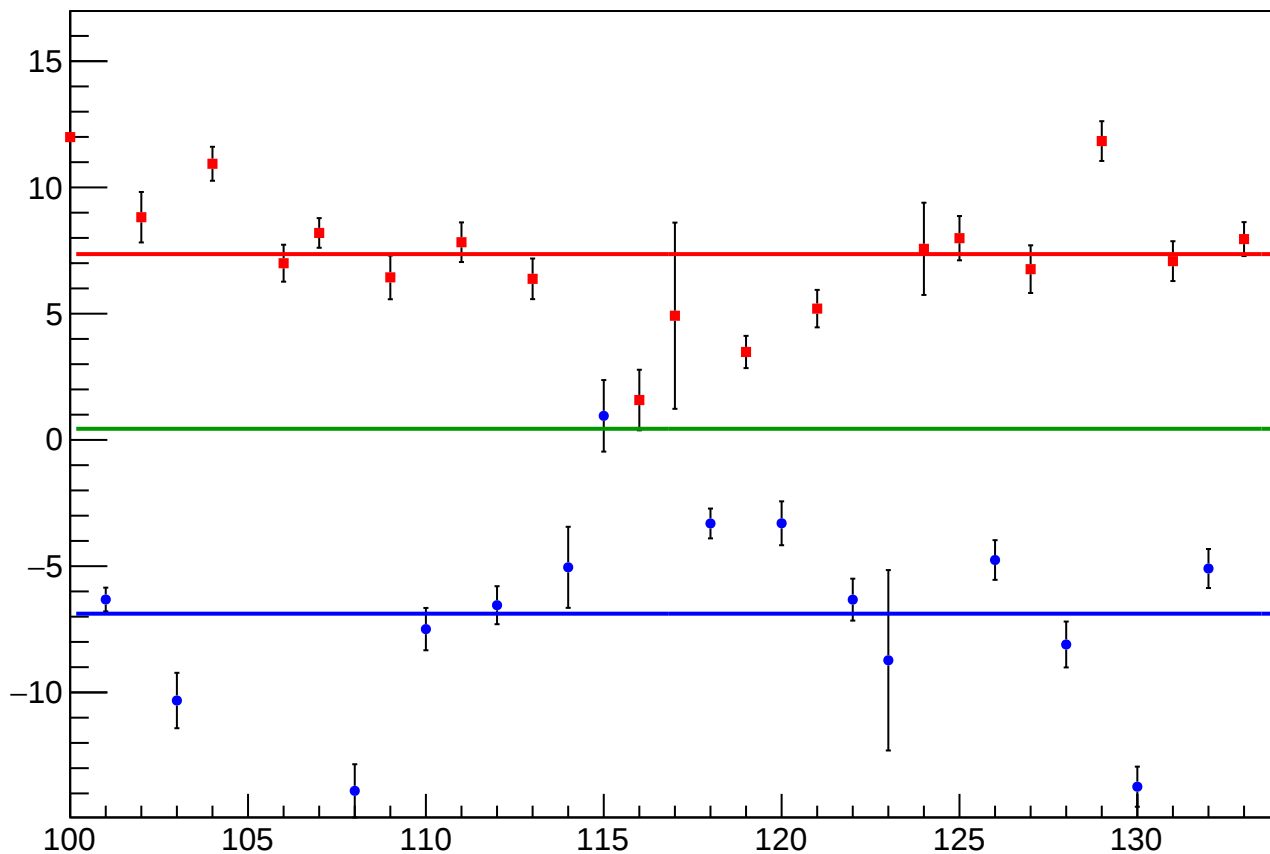
0.083+/-0.015 χ^2/NDF : 1870.3/33

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: -6.881+/-0.203 χ^2 /NDF: 257.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.359+/-0.197 χ^2 /NDF: 139.6/17

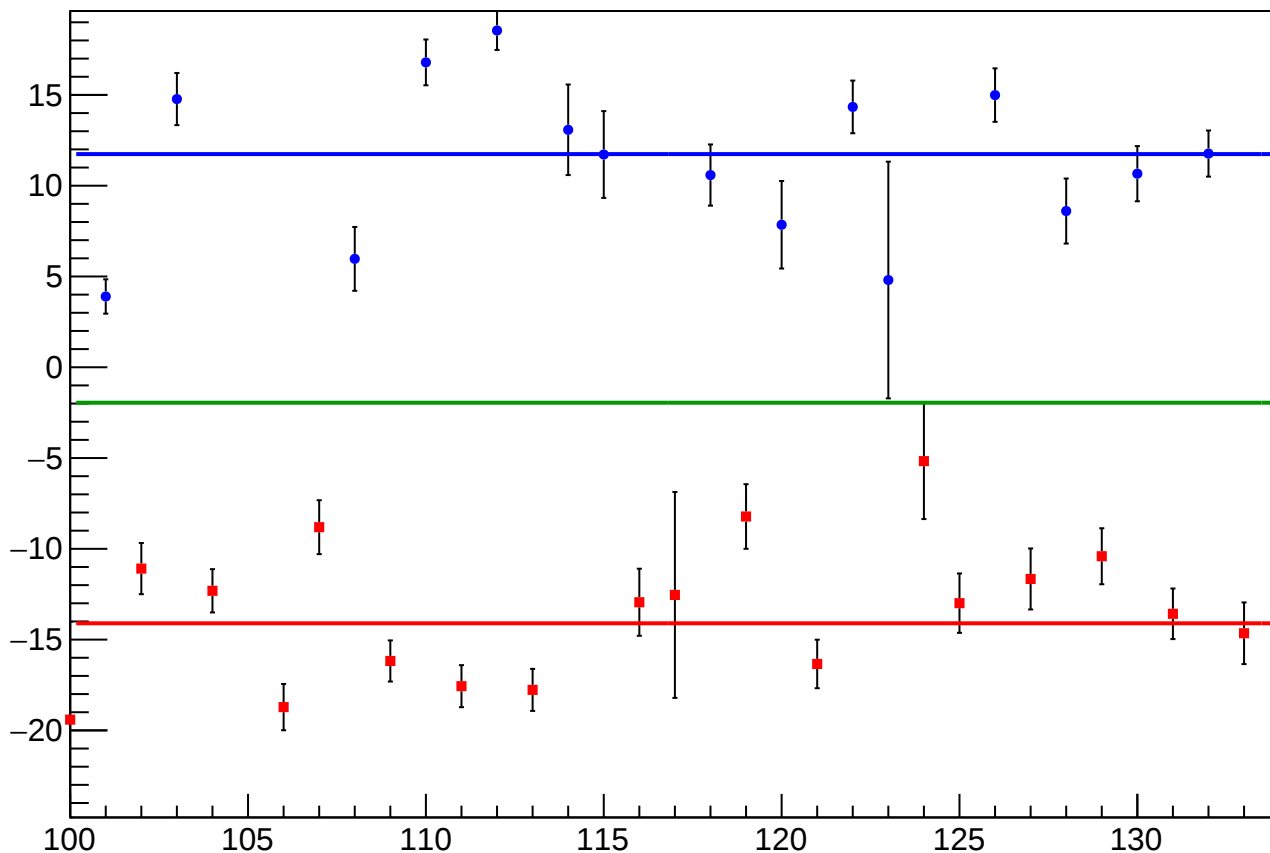
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.881+/-0.203 χ^2 /NDF: 257.3/15

0.441+/-0.141 χ^2 /NDF: 2929.8/33

7.359+/-0.197 χ^2 /NDF: 139.6/17

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.741 $\pm$ 0.378 χ^2 /NDF: 156.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.102 $\pm$ 0.356 χ^2 /NDF: 86.5/17

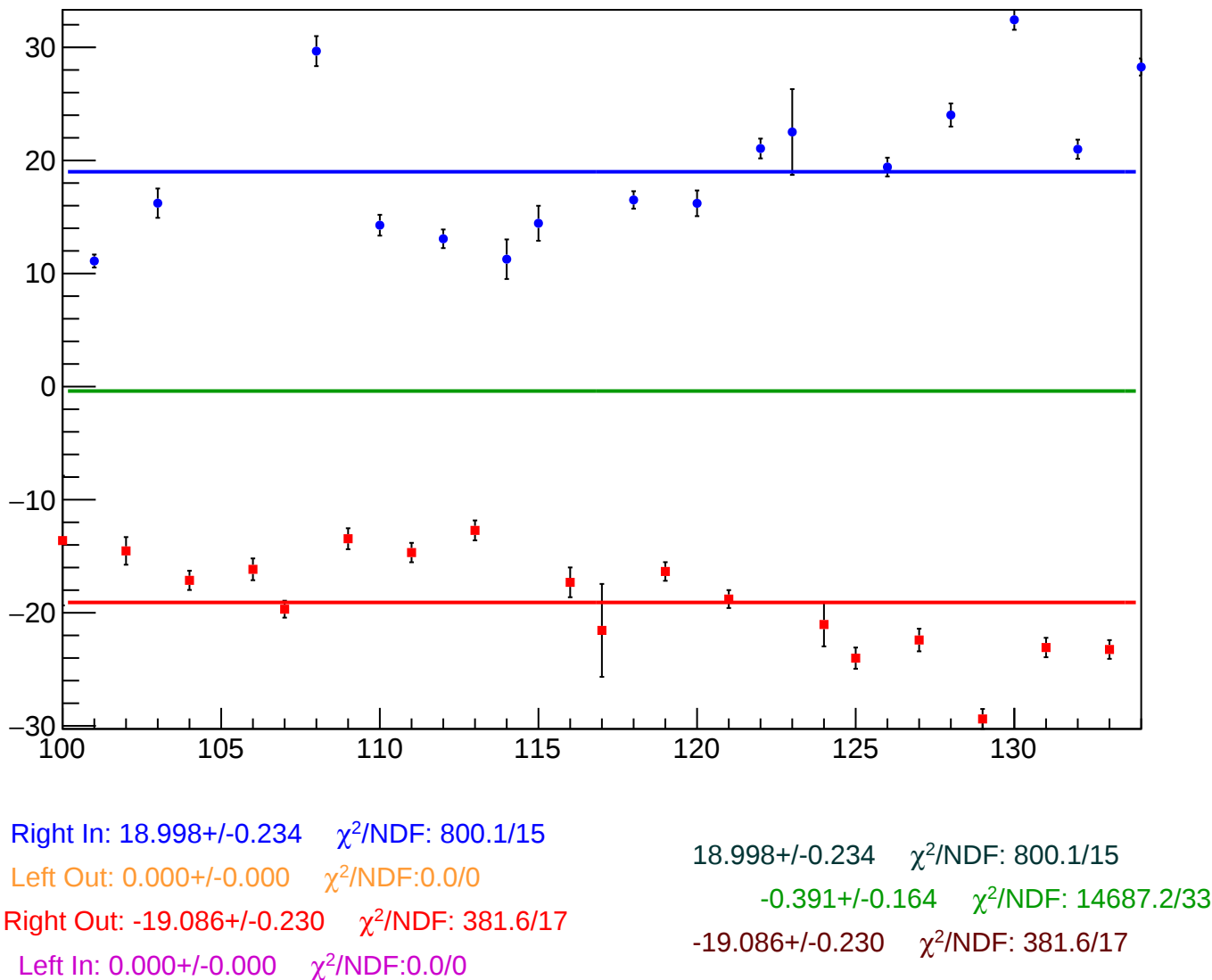
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.741 $\pm$ 0.378 χ^2 /NDF: 156.7/15

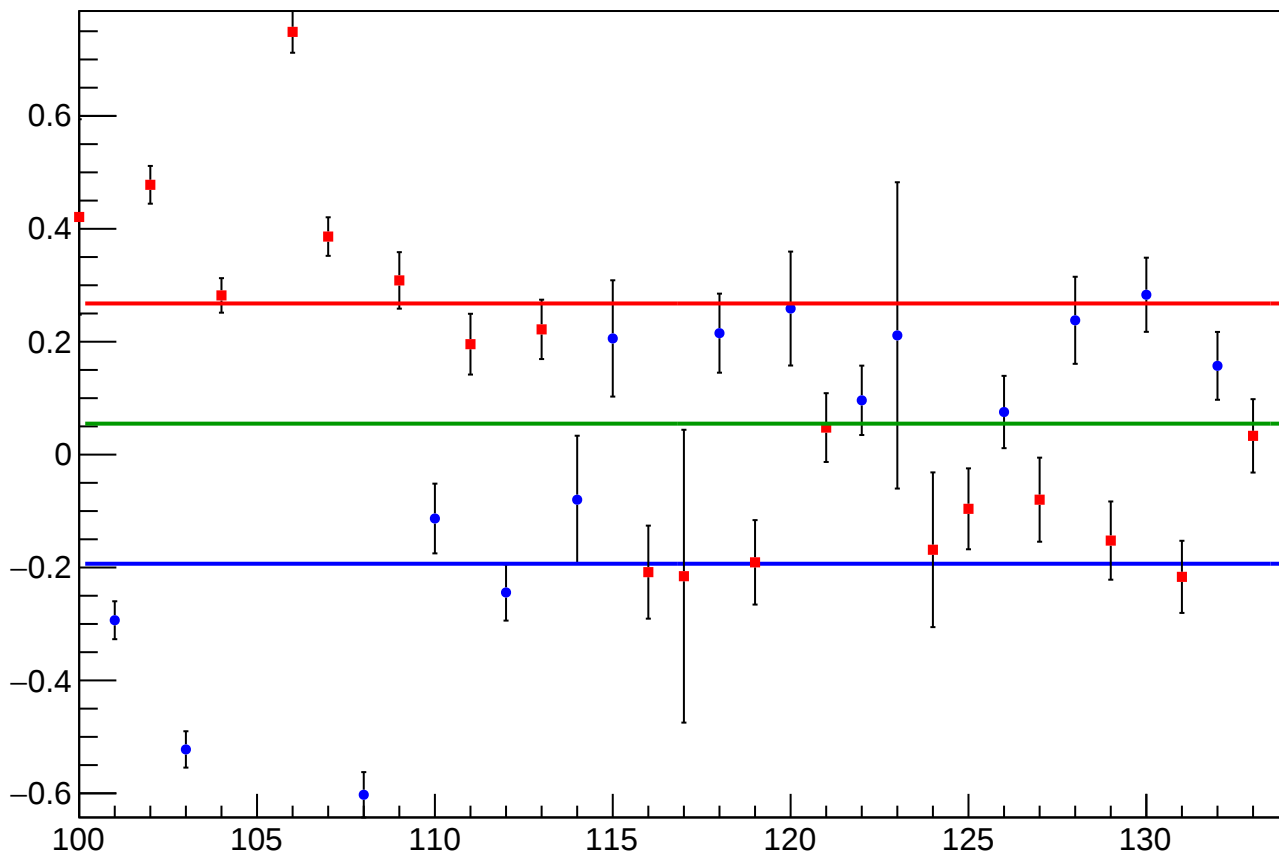
-1.952 $\pm$ 0.259 χ^2 /NDF: 2721.0/33

-14.102 $\pm$ 0.356 χ^2 /NDF: 86.5/17

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.193 ± 0.013 χ^2/NDF : 454.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.268 ± 0.012 χ^2/NDF : 477.5/17

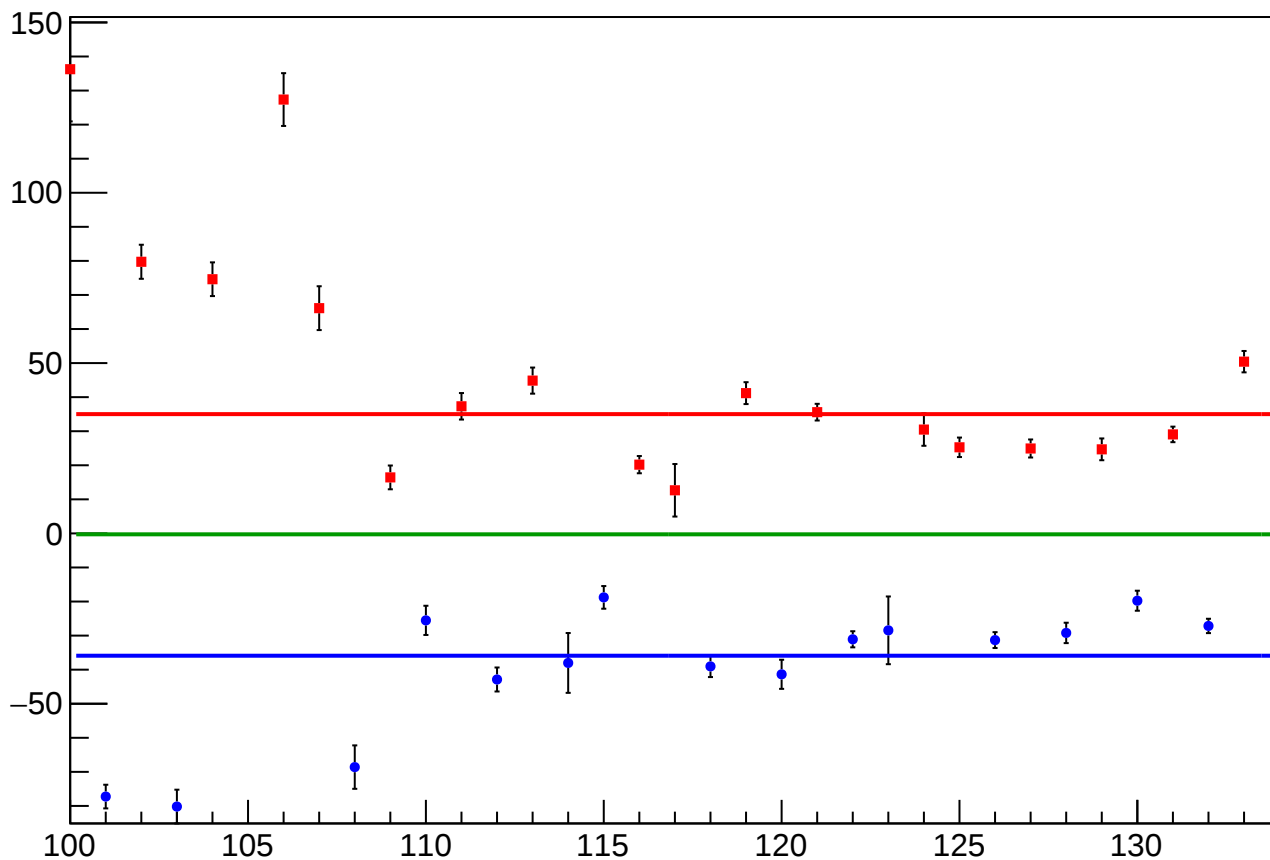
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.193 ± 0.013 χ^2/NDF : 454.5/15

0.055 ± 0.009 χ^2/NDF : 1562.1/33

0.268 ± 0.012 χ^2/NDF : 477.5/17

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -35.904+/-0.826 χ^2/NDF : 363.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.018+/-0.822 χ^2/NDF : 503.2/17

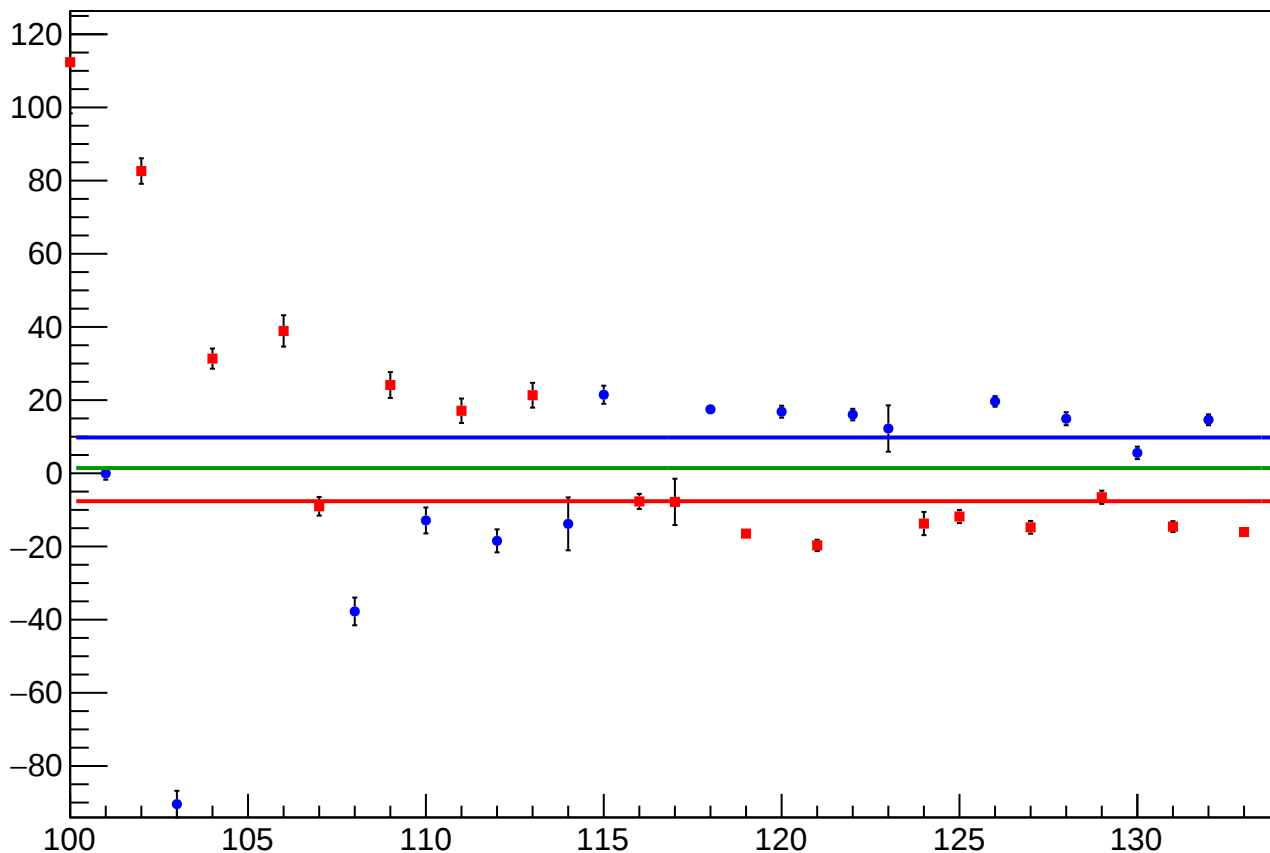
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-35.904+/-0.826 χ^2/NDF : 363.8/15

-0.268+/-0.583 χ^2/NDF : 4569.9/33

35.018+/-0.822 χ^2/NDF : 503.2/17

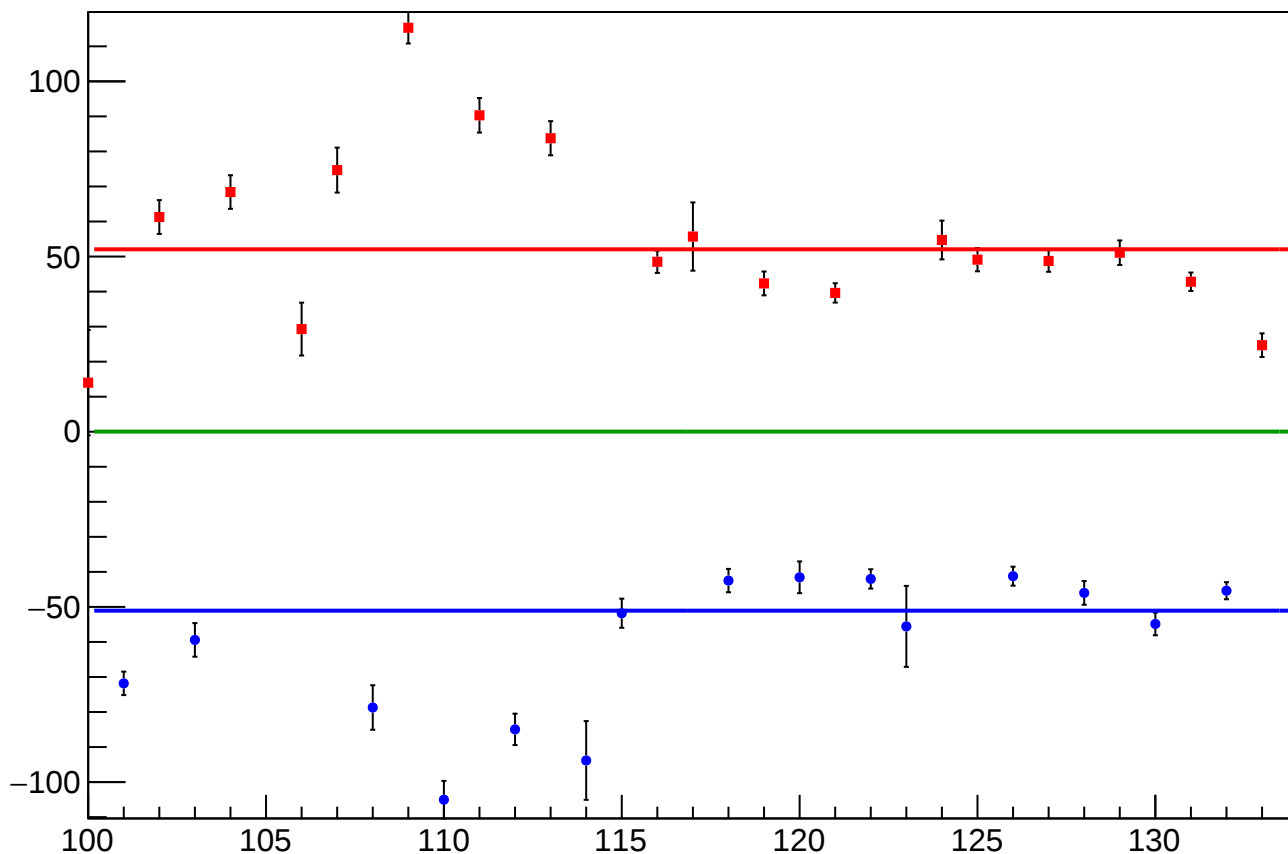
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.794+/-0.475 χ^2/NDF : 1251.9/15
 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

9.794+/-0.475 χ^2/NDF : 1251.9/15
 1.440+/-0.343 χ^2/NDF : 3367.6/33
 -7.628+/-0.495 χ^2/NDF : 1470.0/17

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.070±/0.931 χ^2/NDF : 330.2/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 52.068±/0.939 χ^2/NDF : 454.0/17

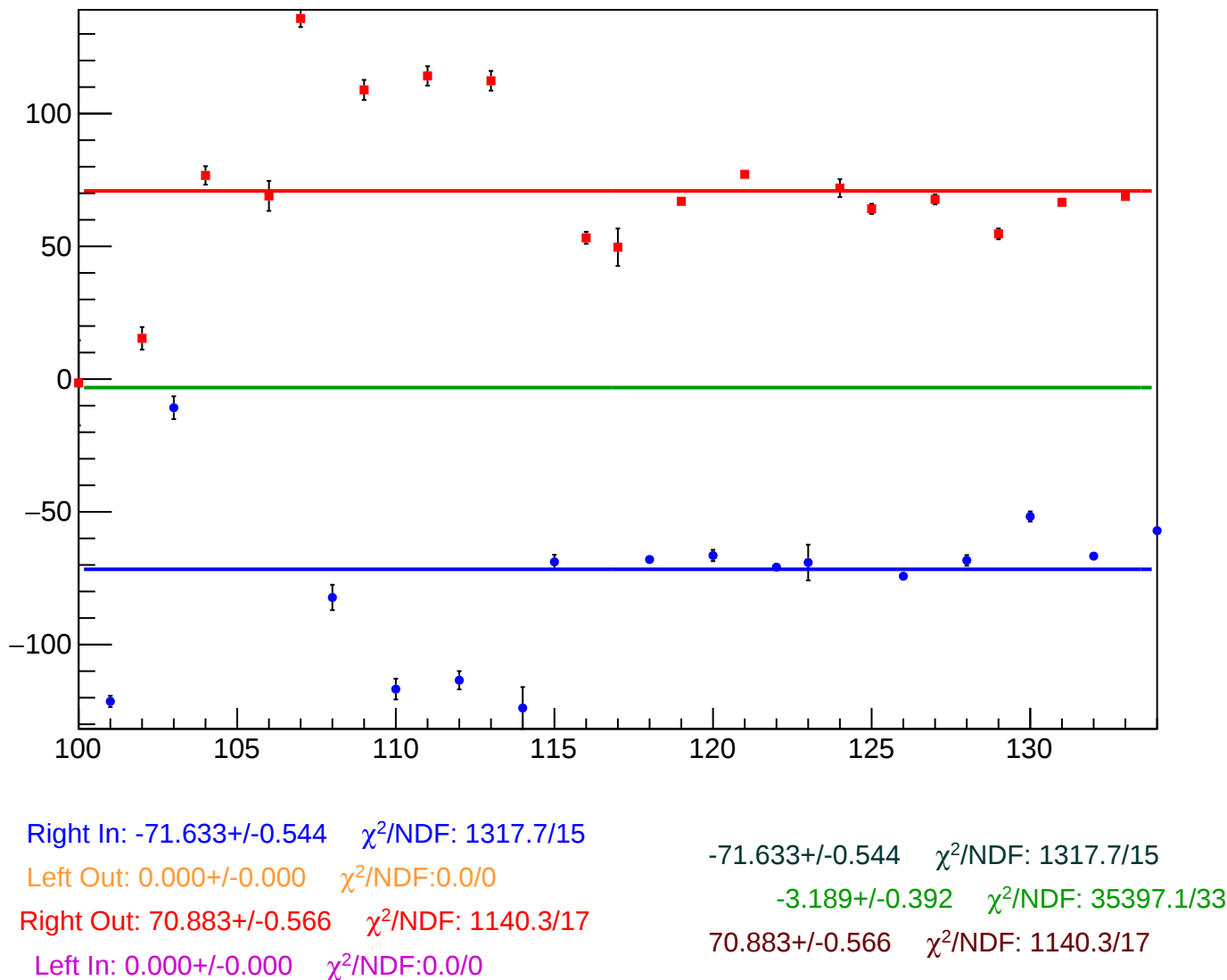
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-51.070±/0.931 χ^2/NDF : 330.2/15

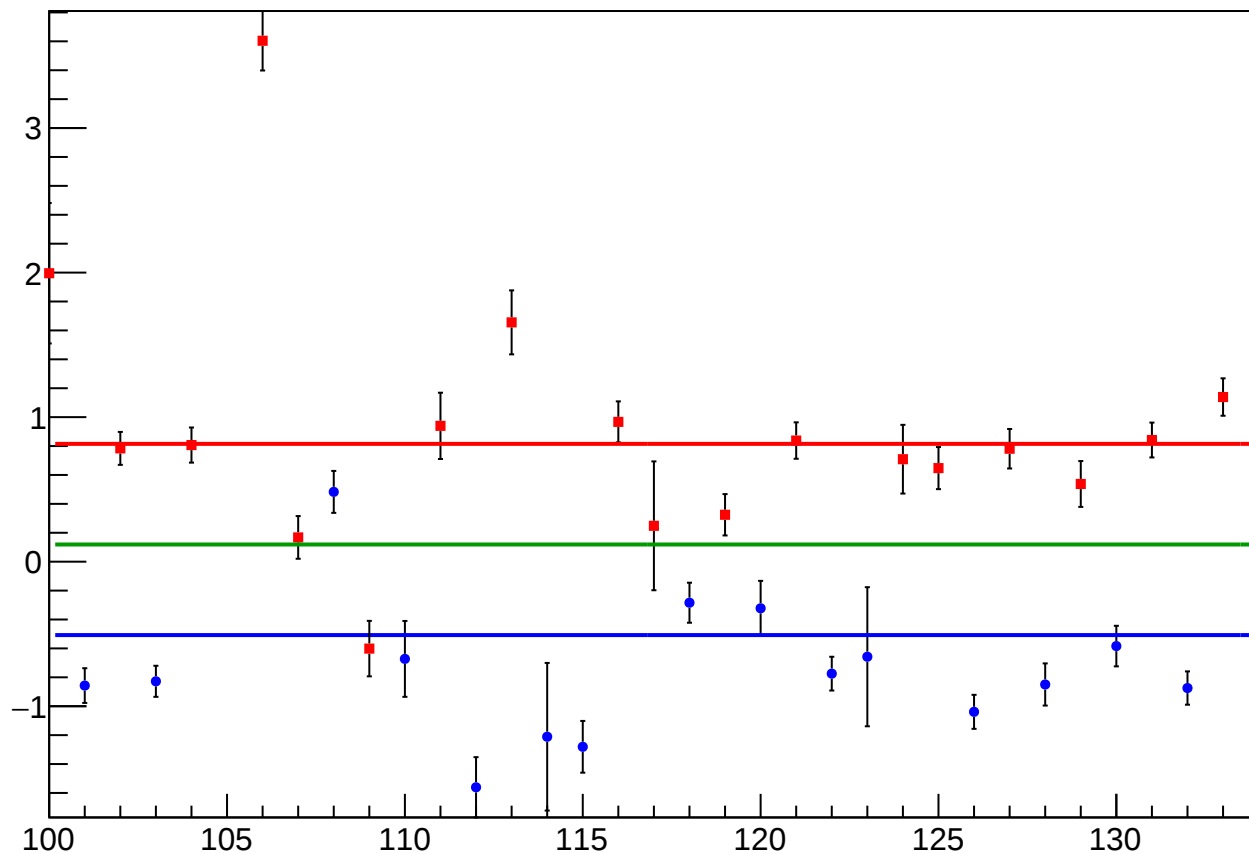
0.037±/0.661 χ^2/NDF : 6871.6/33

52.068±/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: -0.508 ± 0.035 χ^2/NDF : 309.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.815 ± 0.037 χ^2/NDF : 303.7/17

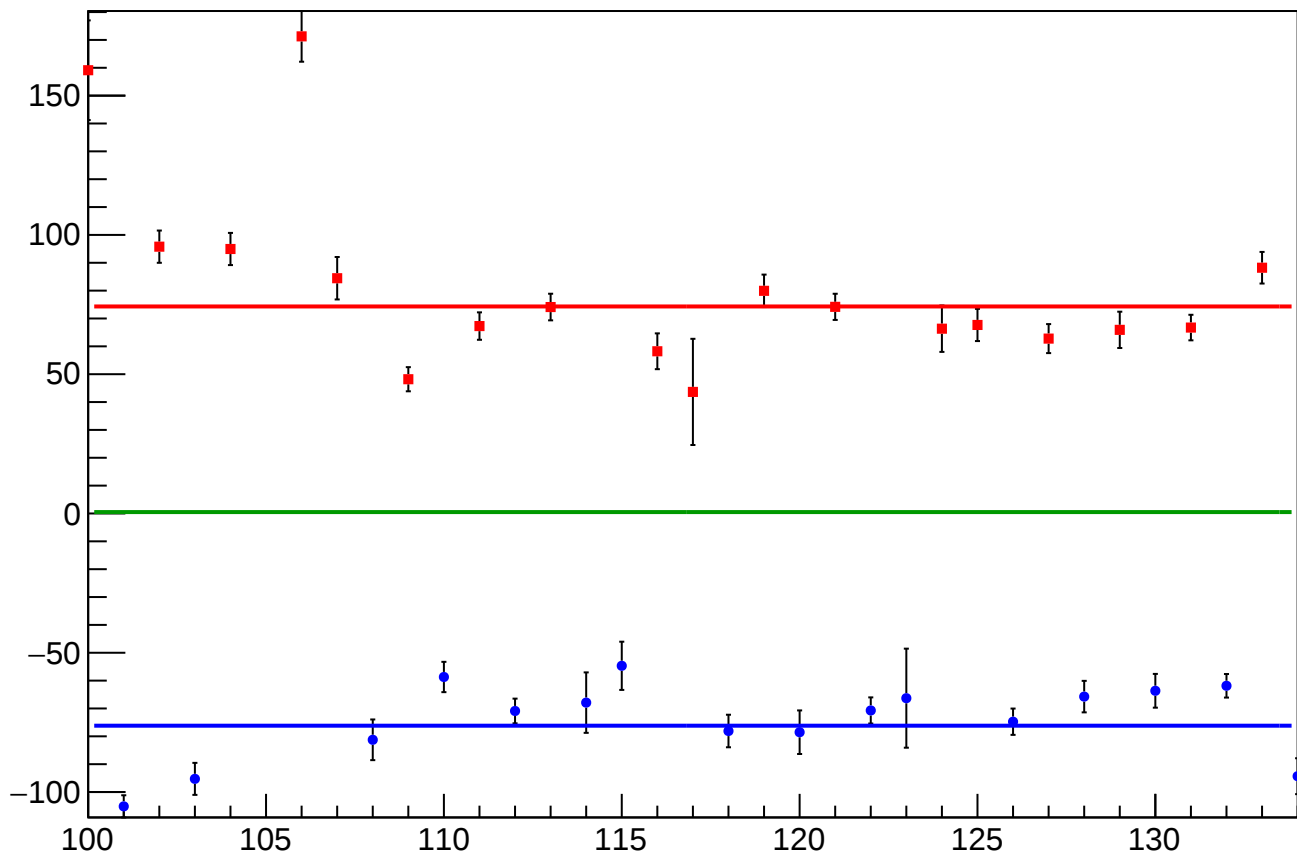
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.508 ± 0.035 χ^2/NDF : 309.3/15

0.119 ± 0.025 χ^2/NDF : 1293.0/33

0.815 ± 0.037 χ^2/NDF : 303.7/17

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -76.185+/-1.420 χ^2/NDF : 111.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.317+/-1.393 χ^2/NDF : 229.9/17

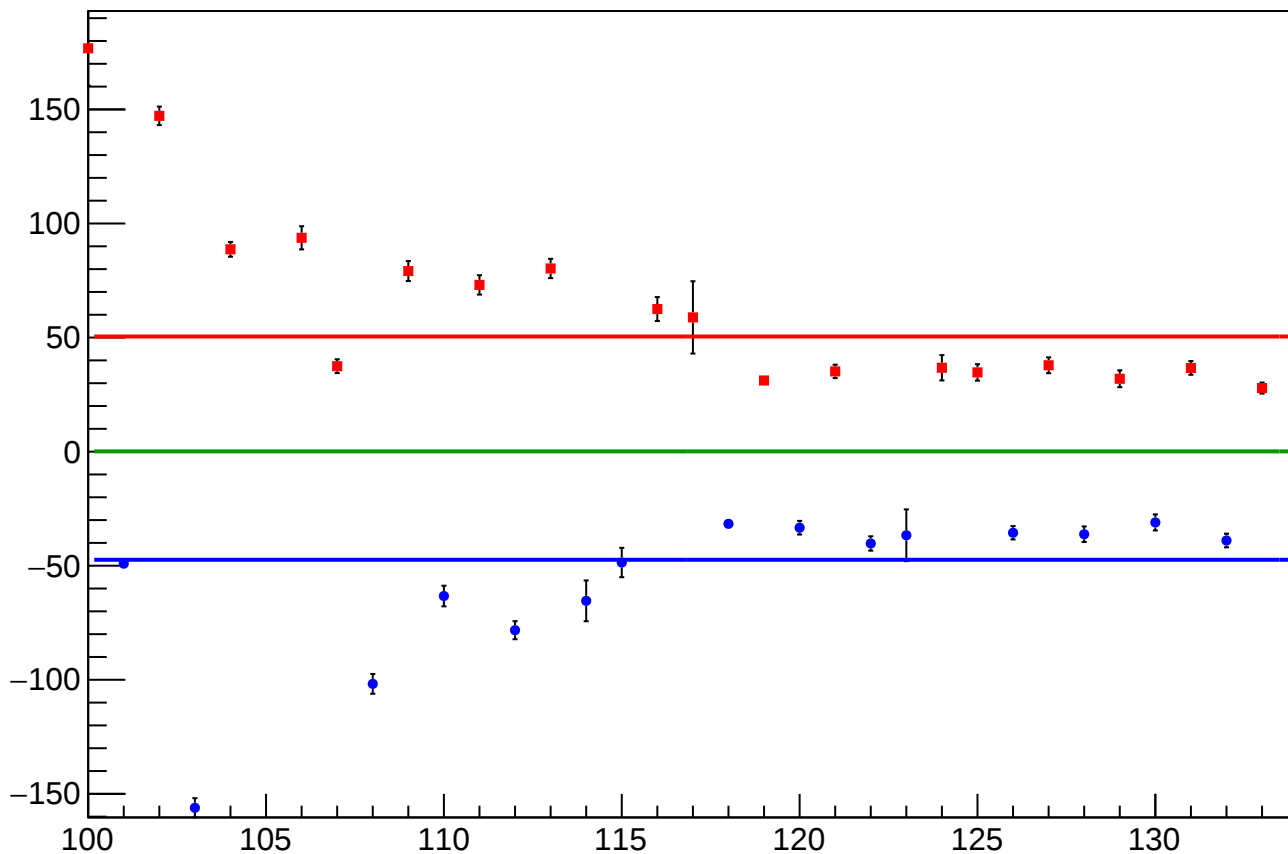
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-76.185+/-1.420 χ^2/NDF : 111.9/15

0.503+/-0.994 χ^2/NDF : 6069.2/33

74.317+/-1.393 χ^2/NDF : 229.9/17

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -47.396 ± 0.827 $\chi^2/\text{NDF}: 1072.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 50.476 ± 0.851 $\chi^2/\text{NDF}: 1260.8/17$

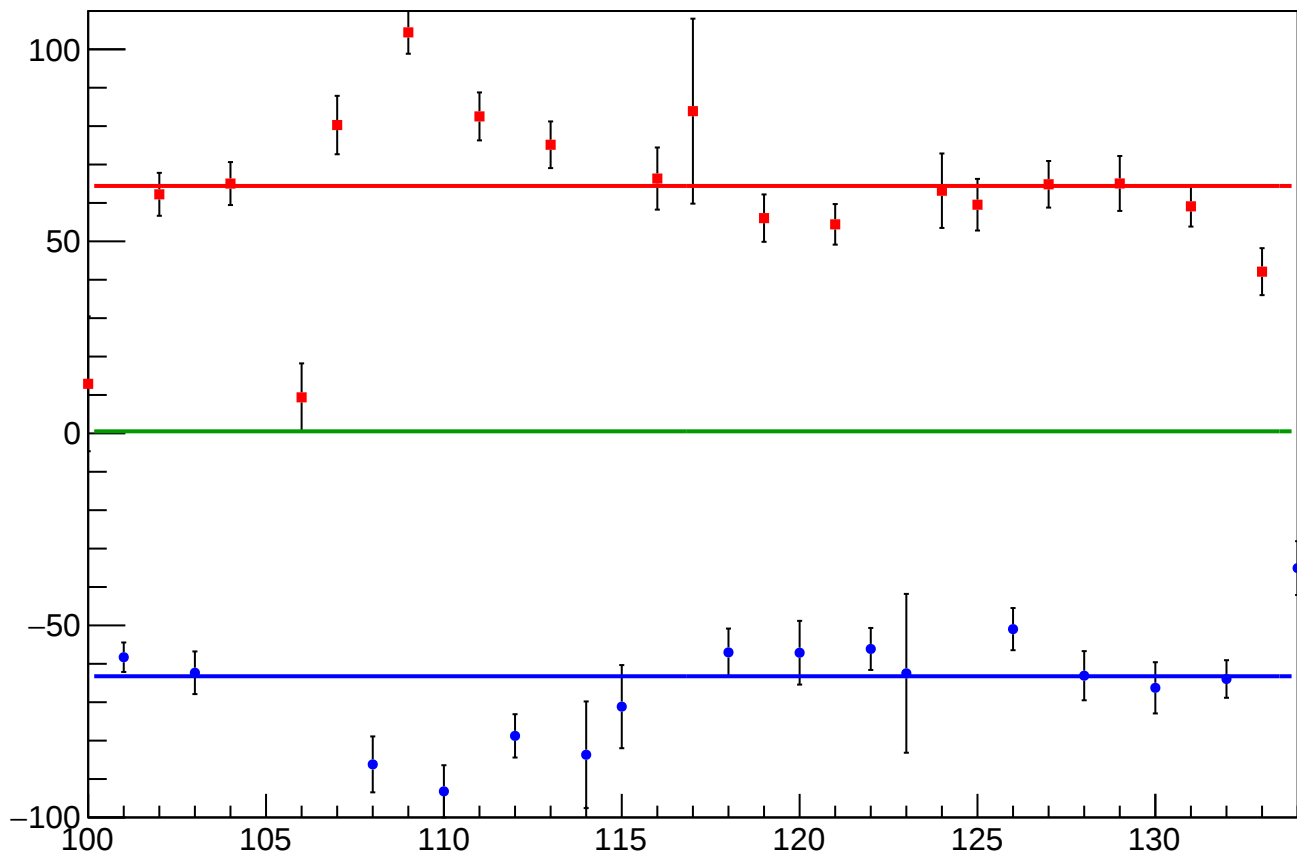
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-47.396 ± 0.827 $\chi^2/\text{NDF}: 1072.0/15$

0.118 ± 0.593 $\chi^2/\text{NDF}: 9130.5/33$

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: -63.239 ± 1.572 $\chi^2/\text{NDF}: 66.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 64.424 ± 1.574 $\chi^2/\text{NDF}: 136.1/17$

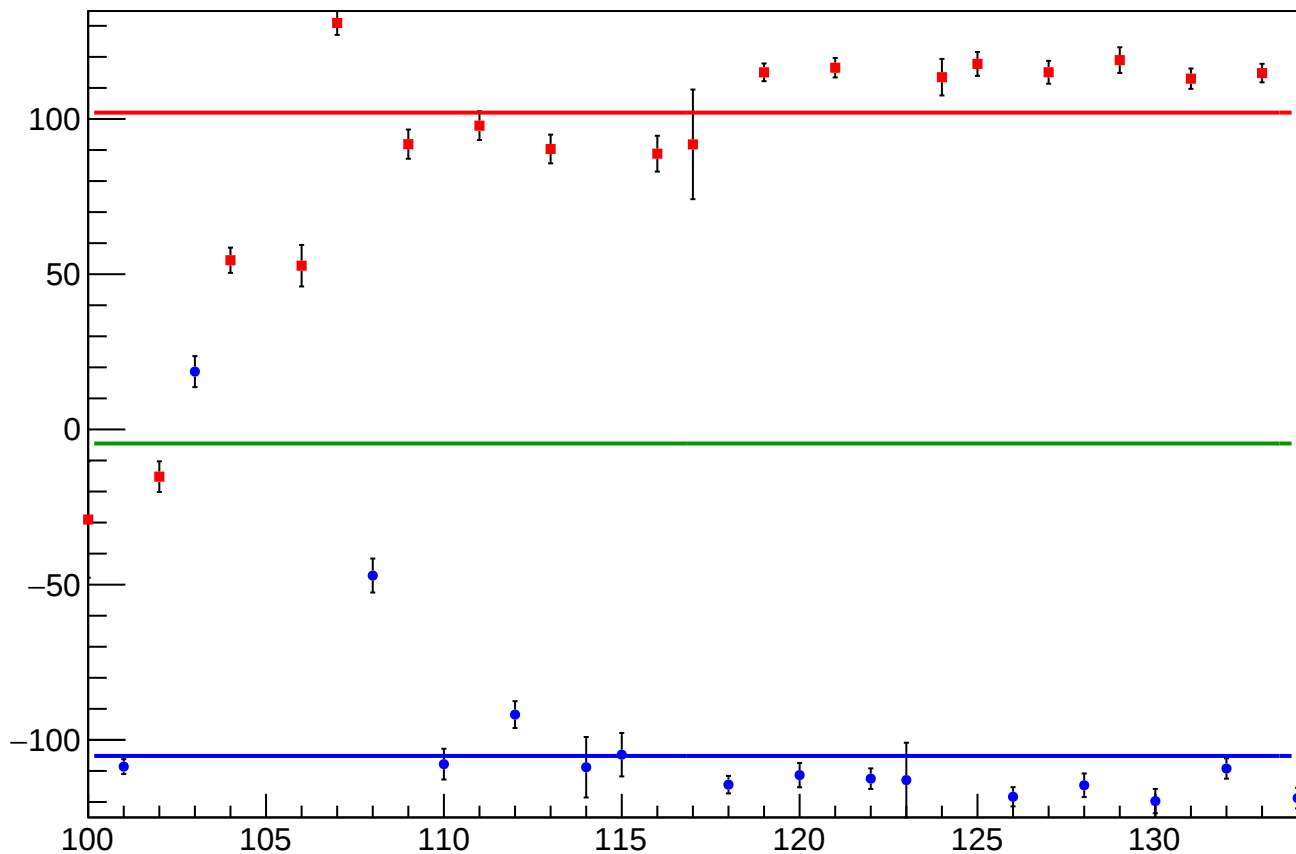
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-63.239 ± 1.572 $\chi^2/\text{NDF}: 66.0/15$

0.534 ± 1.112 $\chi^2/\text{NDF}: 3494.8/33$

64.424 ± 1.574 $\chi^2/\text{NDF}: 136.1/17$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.166 ± 0.960 χ^2/NDF : 814.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 102.052 ± 0.988 χ^2/NDF : 998.9/17

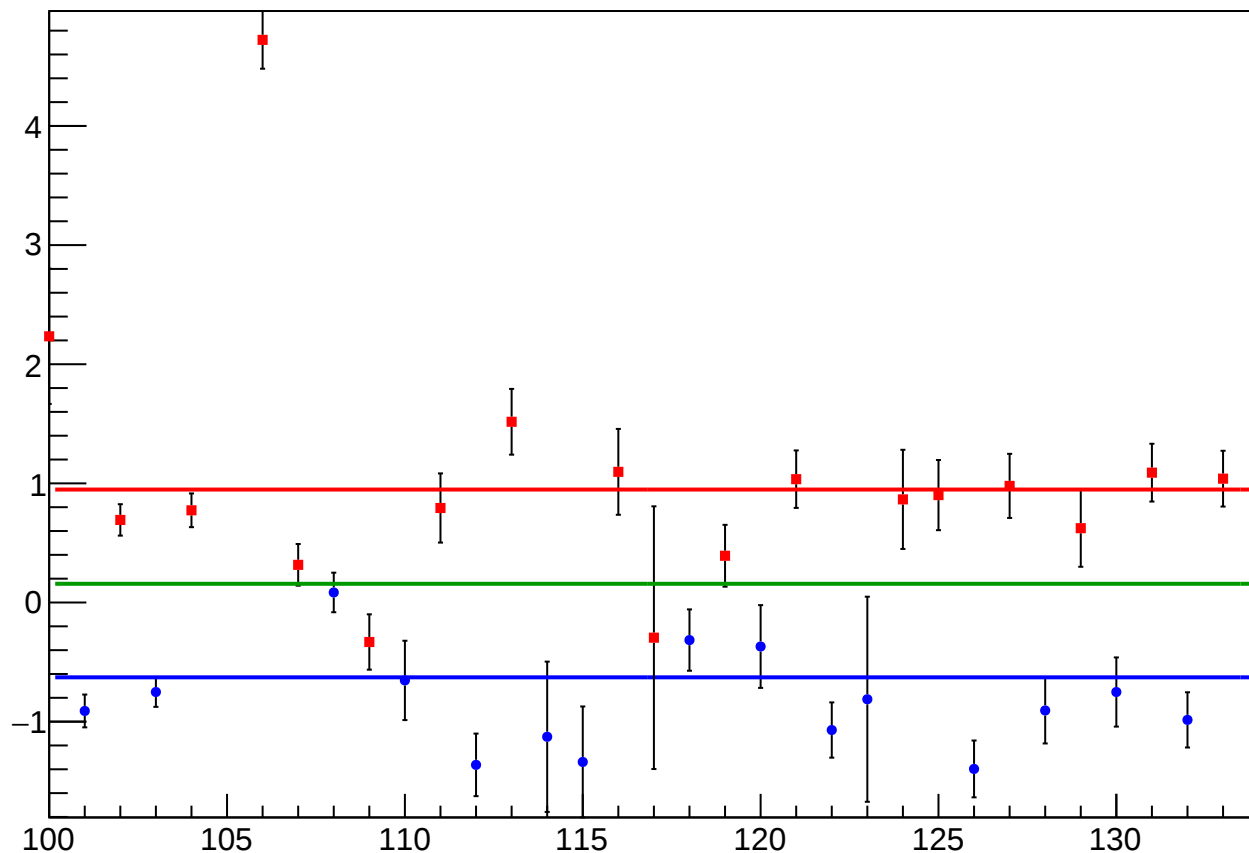
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-105.166 ± 0.960 χ^2/NDF : 814.6/15

-4.526 ± 0.688 χ^2/NDF : 24451.2/33

102.052 ± 0.988 χ^2/NDF : 998.9/17

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.628 $\pm$ 0.056 χ^2/NDF : 99.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.948 $\pm$ 0.056 χ^2/NDF : 309.0/17

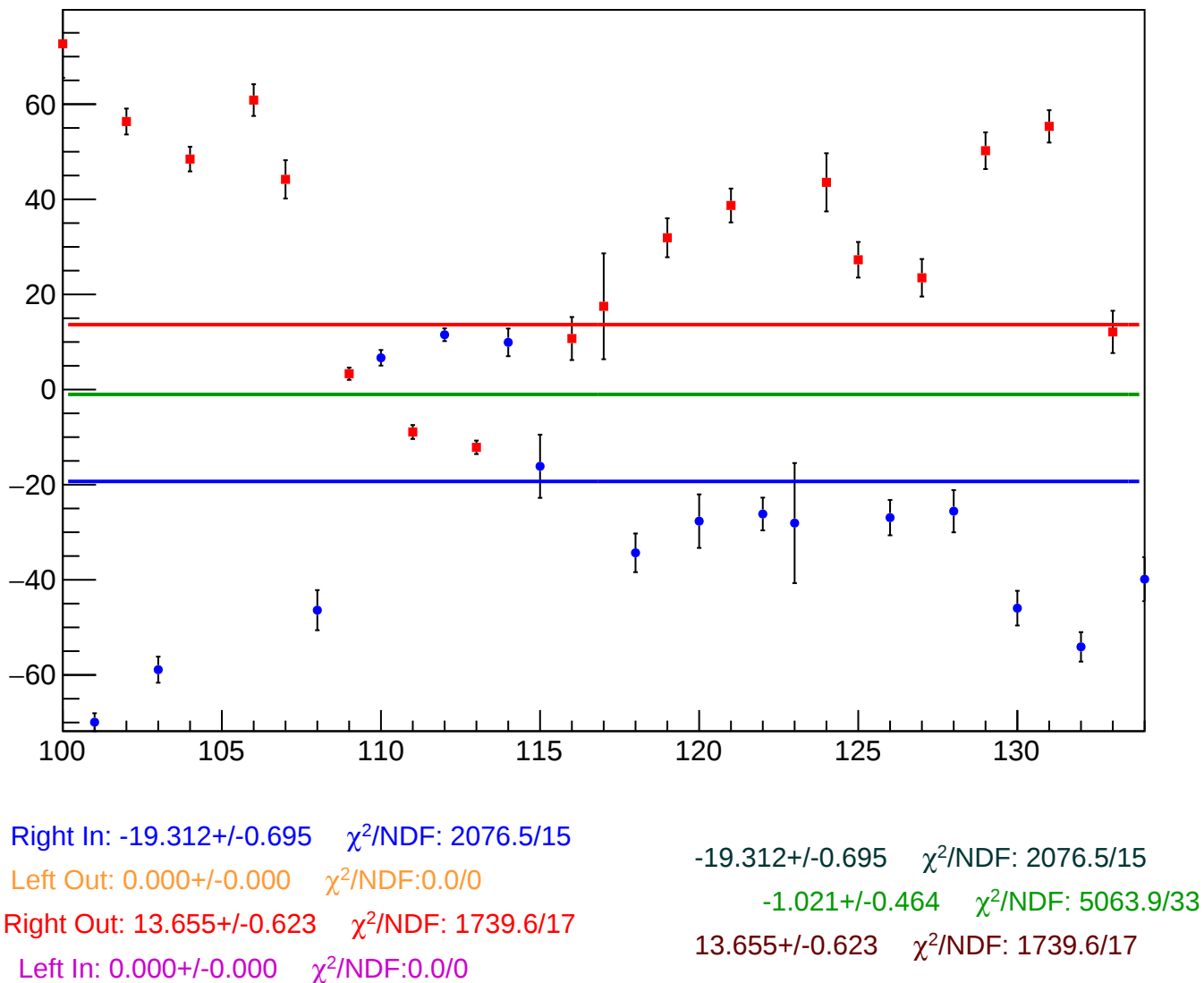
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.628 $\pm$ 0.056 χ^2/NDF : 99.3/15

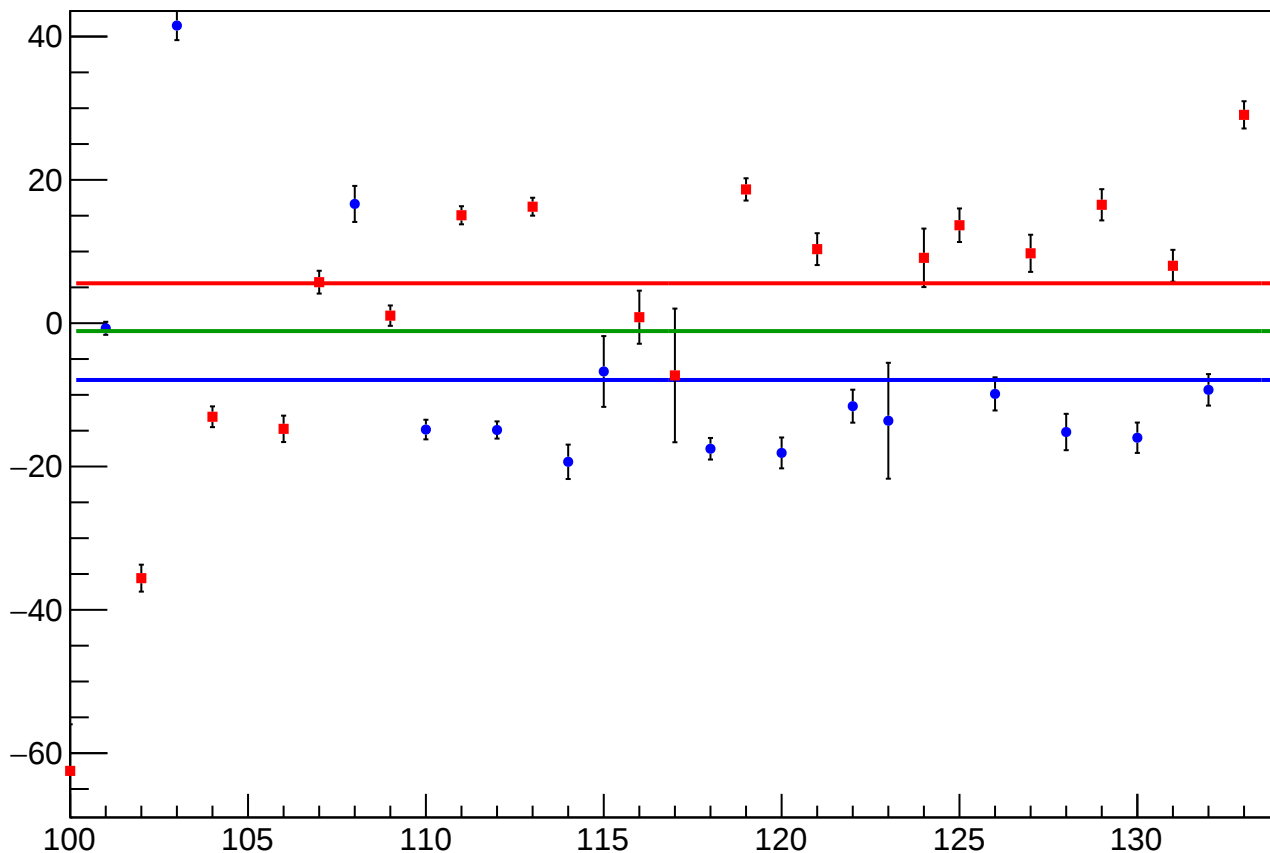
0.157 $\pm$ 0.039 χ^2/NDF : 807.6/33

0.948 $\pm$ 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: -7.924+/-0.452 χ^2 /NDF: 973.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5.568+/-0.447 χ^2 /NDF: 1289.2/17

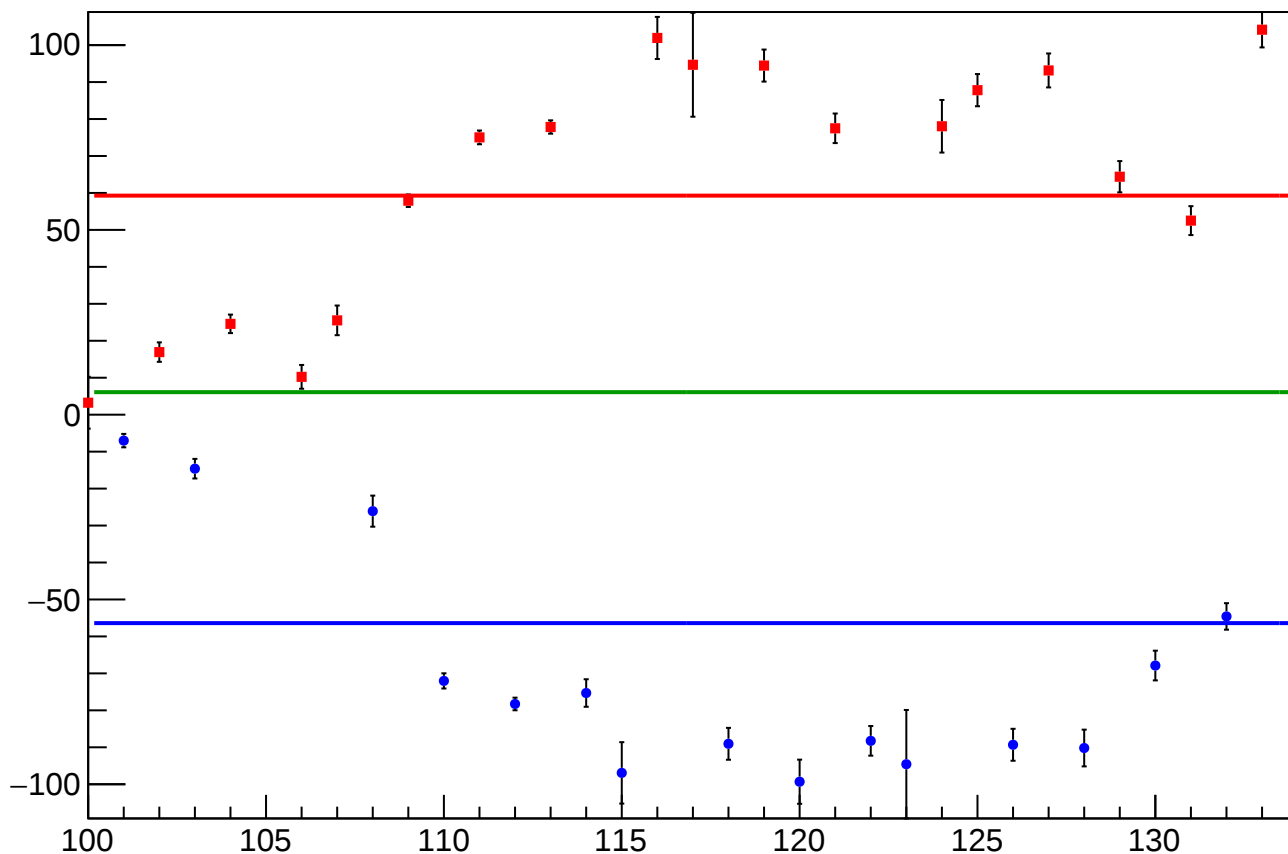
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.924+/-0.452 χ^2 /NDF: 973.0/15

-1.101+/-0.318 χ^2 /NDF: 2713.4/33

5.568+/-0.447 χ^2 /NDF: 1289.2/17

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.396+/-0.793 χ^2/NDF : 1614.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.273+/-0.732 χ^2/NDF : 1342.2/17

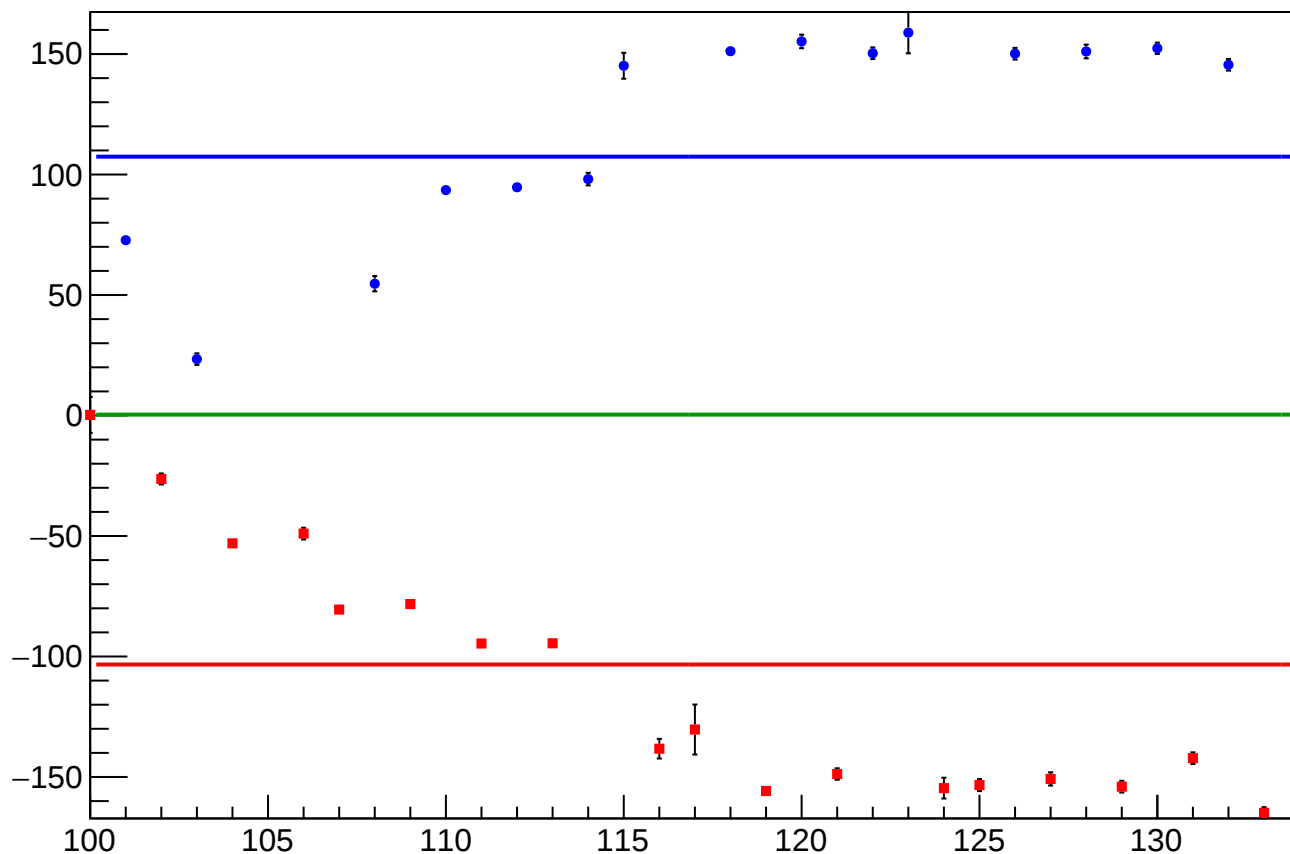
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-56.396+/-0.793 χ^2/NDF : 1614.0/15

6.096+/-0.538 χ^2/NDF : 14445.5/33

59.273+/-0.732 χ^2/NDF : 1342.2/17

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.415+/-0.521 χ^2/NDF : 5447.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.315+/-0.513 χ^2/NDF : 6430.2/17

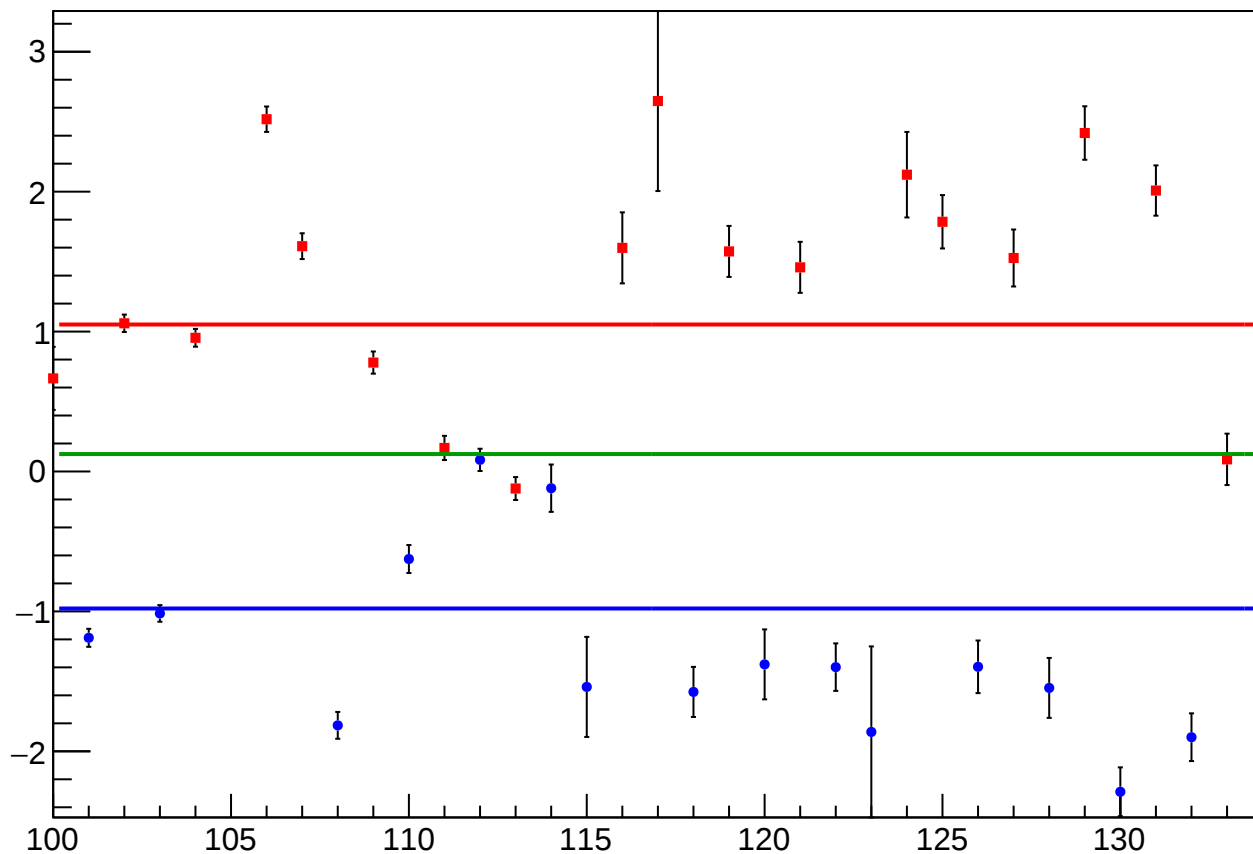
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.415+/-0.521 χ^2/NDF : 5447.4/15

0.372+/-0.366 χ^2/NDF : 94904.8/33

-103.315+/-0.513 χ^2/NDF : 6430.2/17

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.979+/-0.029 χ^2/NDF : 483.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.051+/-0.026 χ^2/NDF : 788.4/17

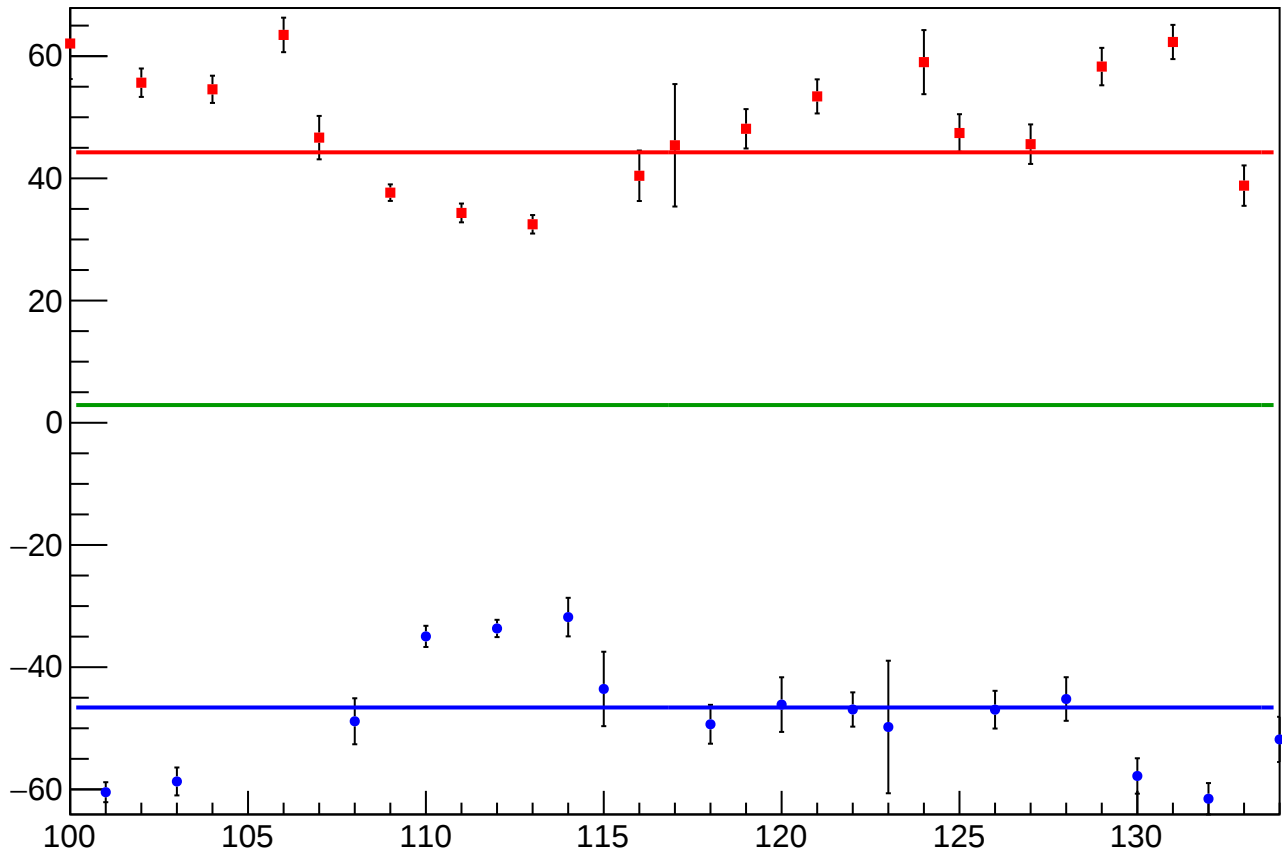
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.979+/-0.029 χ^2/NDF : 483.4/15

0.125+/-0.019 χ^2/NDF : 3969.9/33

1.051+/-0.026 χ^2/NDF : 788.4/17

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -46.595±/-0.644 χ^2 /NDF: 303.1/15

Left Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Right Out: 44.261±/-0.589 χ^2 /NDF: 315.1/17

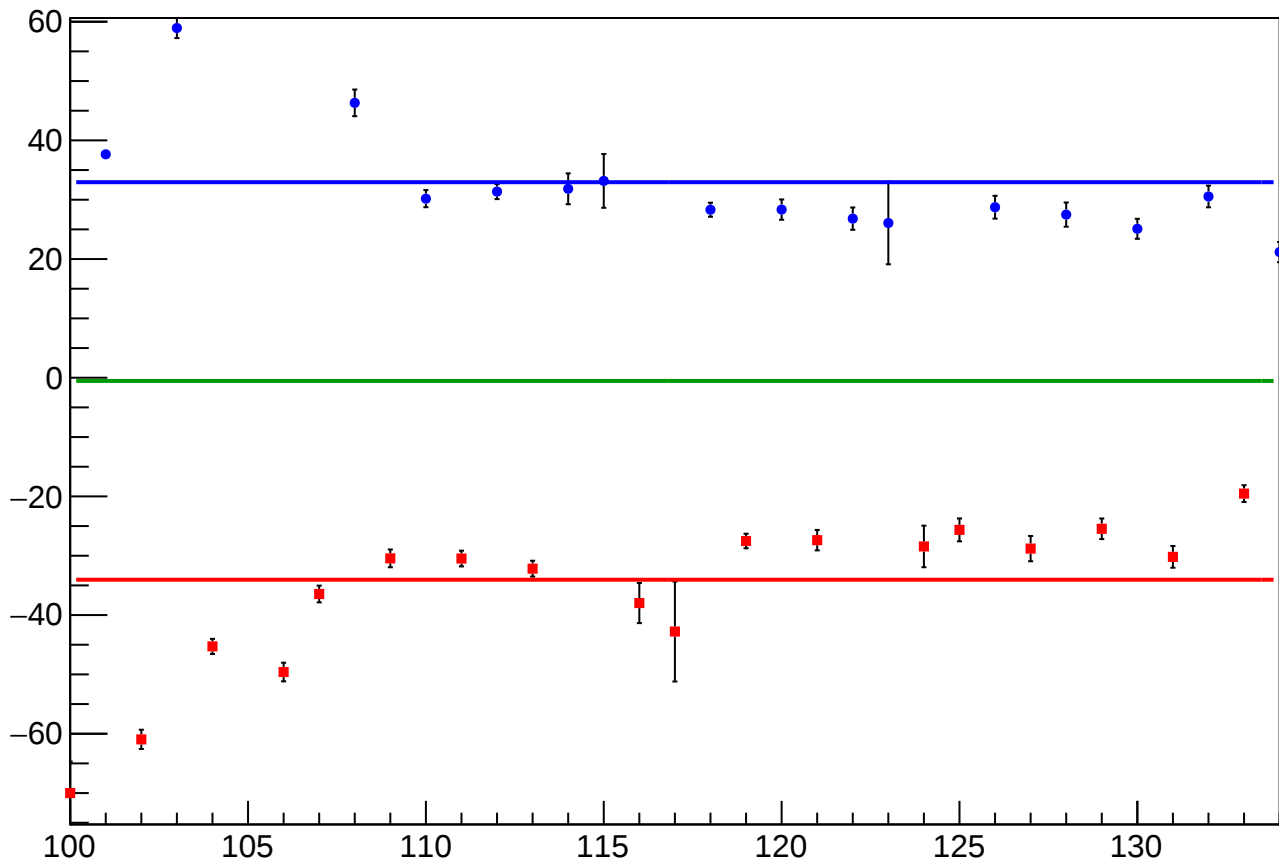
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

-46.595±/-0.644 χ^2 /NDF: 303.1/15

2.900±/-0.435 χ^2 /NDF: 11449.5/33

44.261±/-0.589 χ^2 /NDF: 315.1/17

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.951+/-0.398 χ^2 /NDF: 430.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -34.042+/-0.398 χ^2 /NDF: 721.4/17

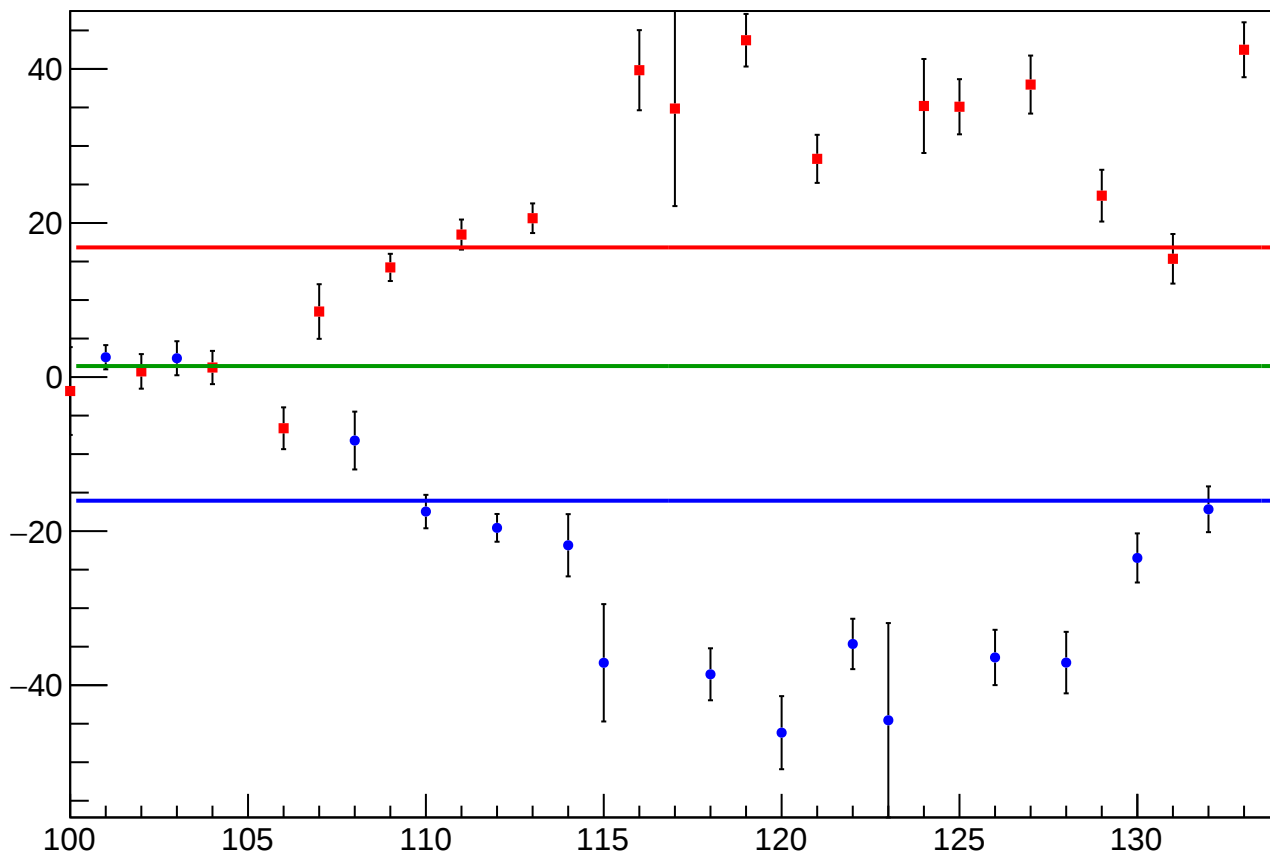
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.951+/-0.398 χ^2 /NDF: 430.0/15

-0.537+/-0.281 χ^2 /NDF: 15325.2/33

-34.042+/-0.398 χ^2 /NDF: 721.4/17

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -16.050 ± 0.721 χ^2/NDF : 425.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.831 ± 0.677 χ^2/NDF : 421.3/17

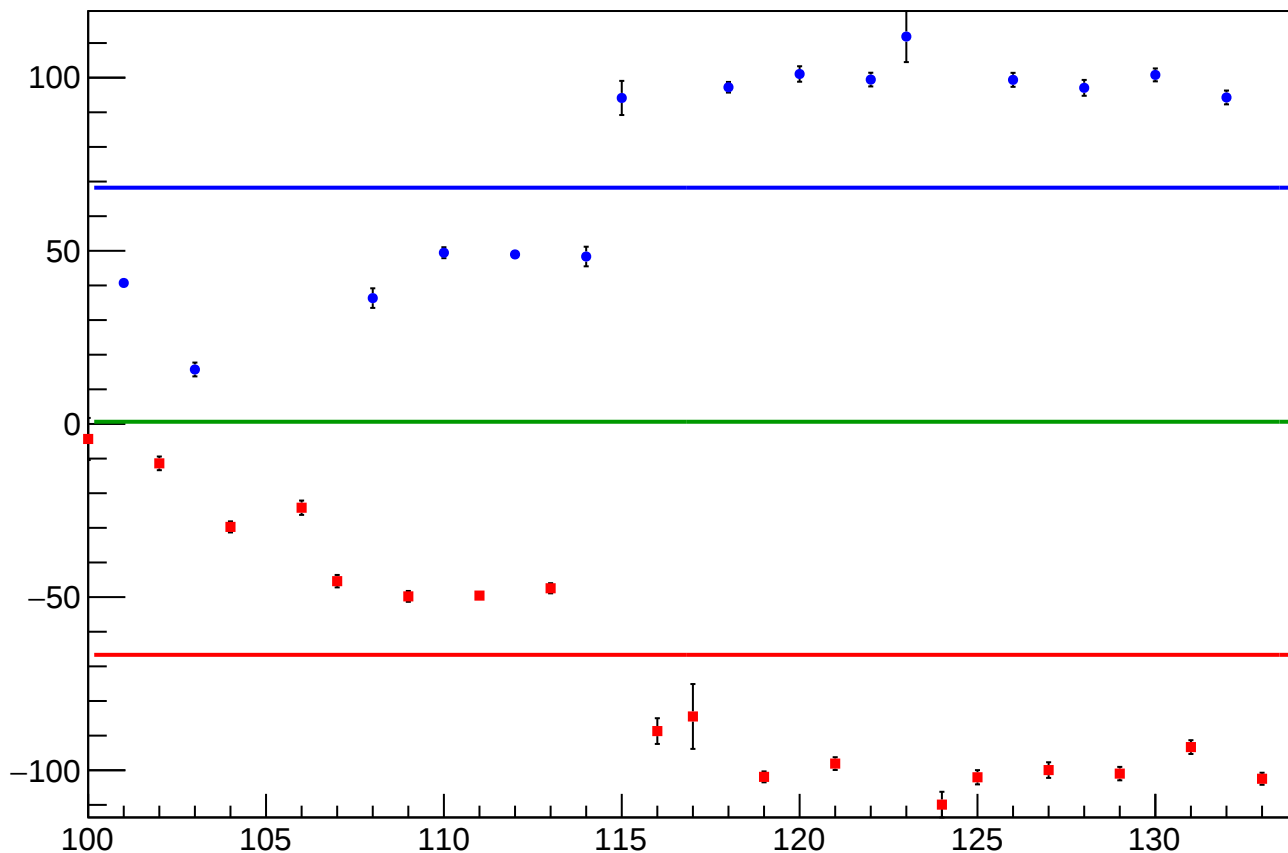
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-16.050 ± 0.721 χ^2/NDF : 425.7/15

1.430 ± 0.493 χ^2/NDF : 1953.0/33

16.831 ± 0.677 χ^2/NDF : 421.3/17

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 68.232+/-0.462 χ^2 /NDF: 4068.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -66.670+/-0.461 χ^2 /NDF: 4802.1/17

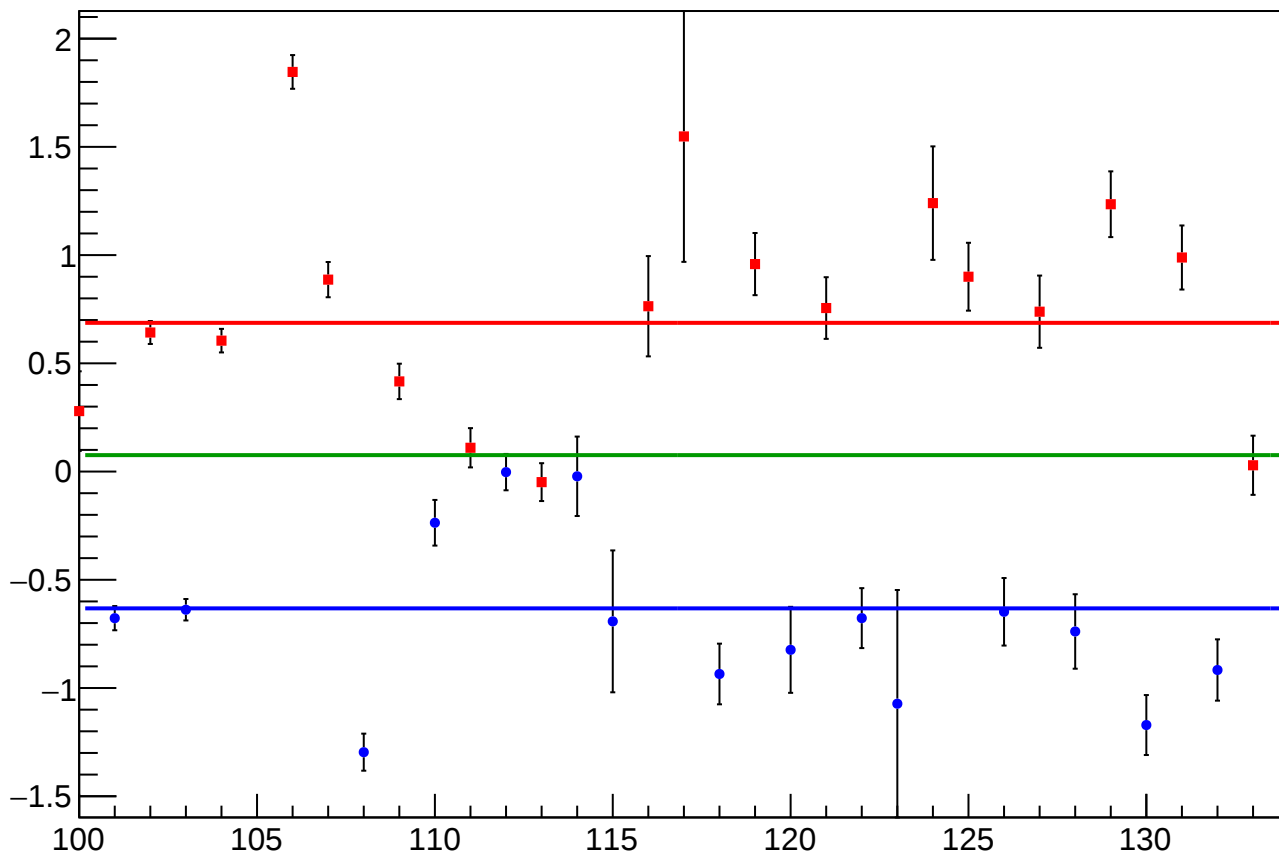
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

68.232+/-0.462 χ^2 /NDF: 4068.8/15

0.638+/-0.326 χ^2 /NDF: 51567.8/33

-66.670+/-0.461 χ^2 /NDF: 4802.1/17

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.632 ± 0.025 χ^2/NDF : 180.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.687 ± 0.024 χ^2/NDF : 410.3/17

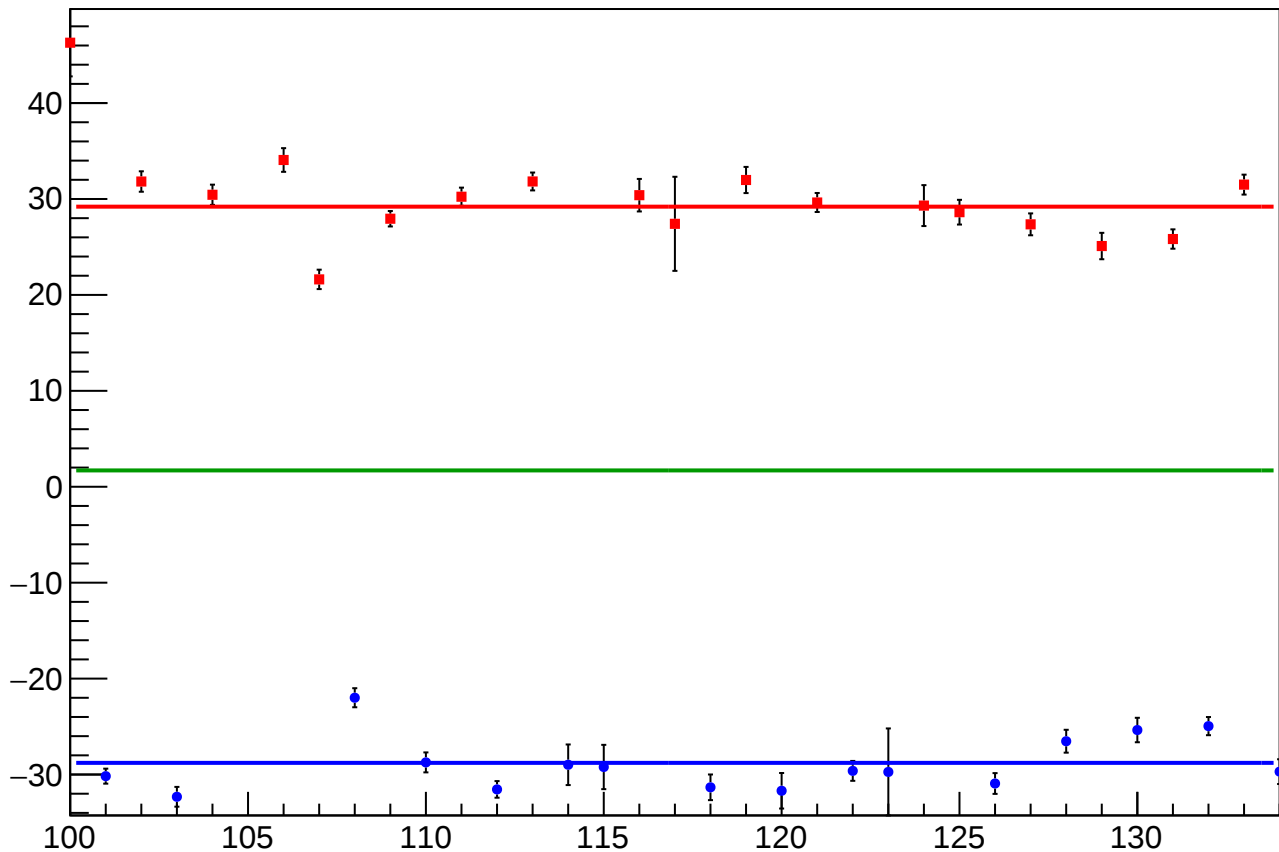
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.632 ± 0.025 χ^2/NDF : 180.7/15

0.076 ± 0.017 χ^2/NDF : 2036.7/33

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: -28.784 ± 0.289 χ^2/NDF : 110.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.201 ± 0.274 χ^2/NDF : 147.2/17

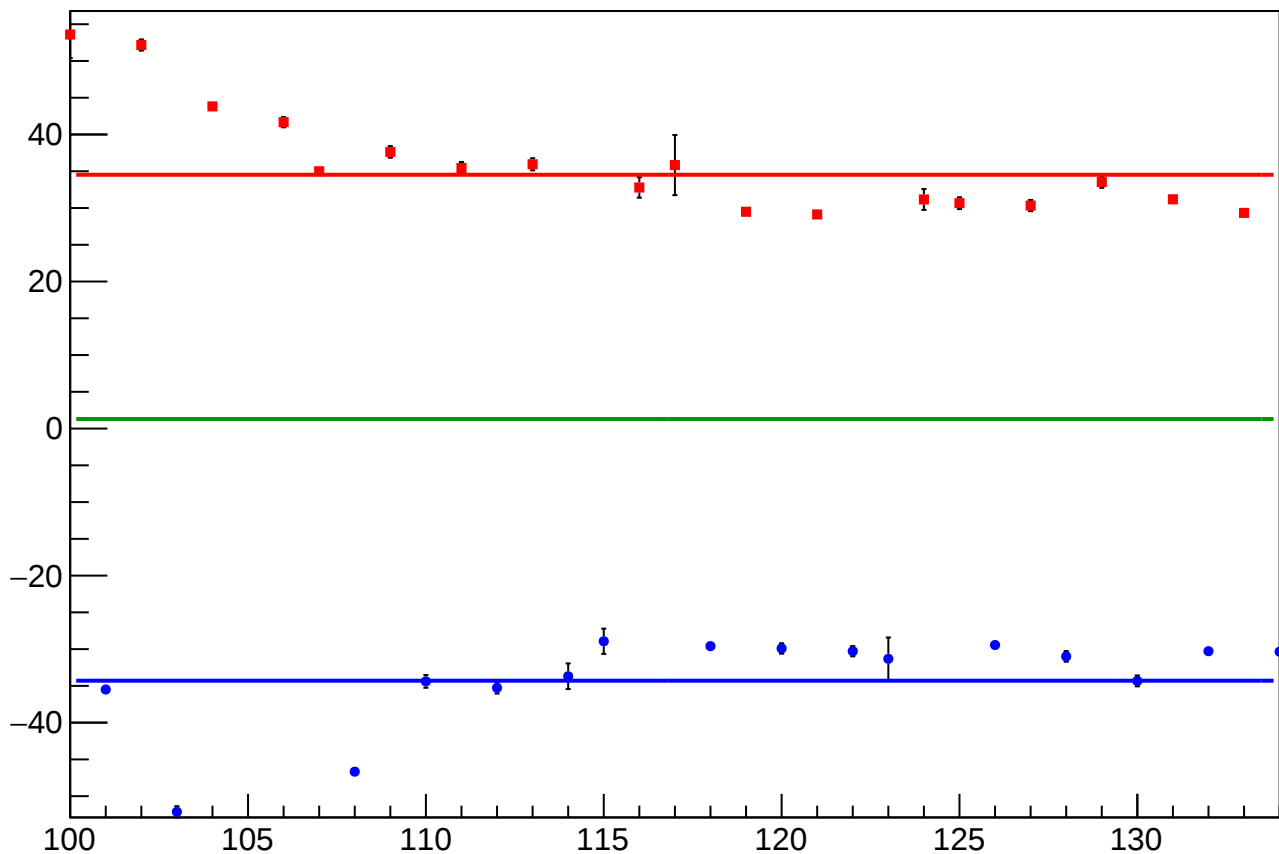
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.784 ± 0.289 χ^2/NDF : 110.2/15

1.703 ± 0.199 χ^2/NDF : 21425.6/33

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: -34.294 ± 0.170 χ^2/NDF : 1317.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.524 ± 0.165 χ^2/NDF : 1338.8/17

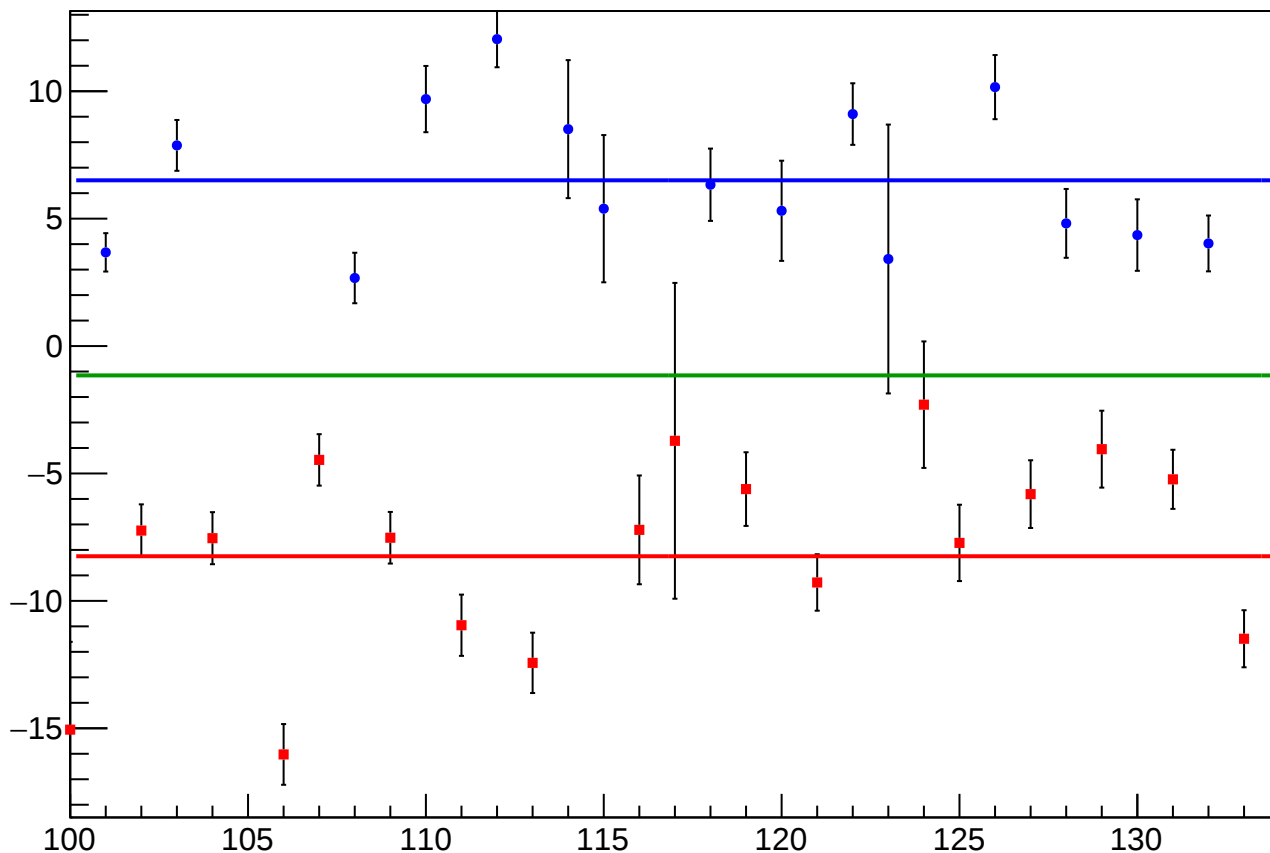
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.294 ± 0.170 χ^2/NDF : 1317.5/15

1.303 ± 0.118 χ^2/NDF : 86955.8/33

34.524 ± 0.165 χ^2/NDF : 1338.8/17

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.504 $\pm$ 0.317 χ^2 /NDF: 89.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.248 $\pm$ 0.305 χ^2 /NDF: 117.1/17

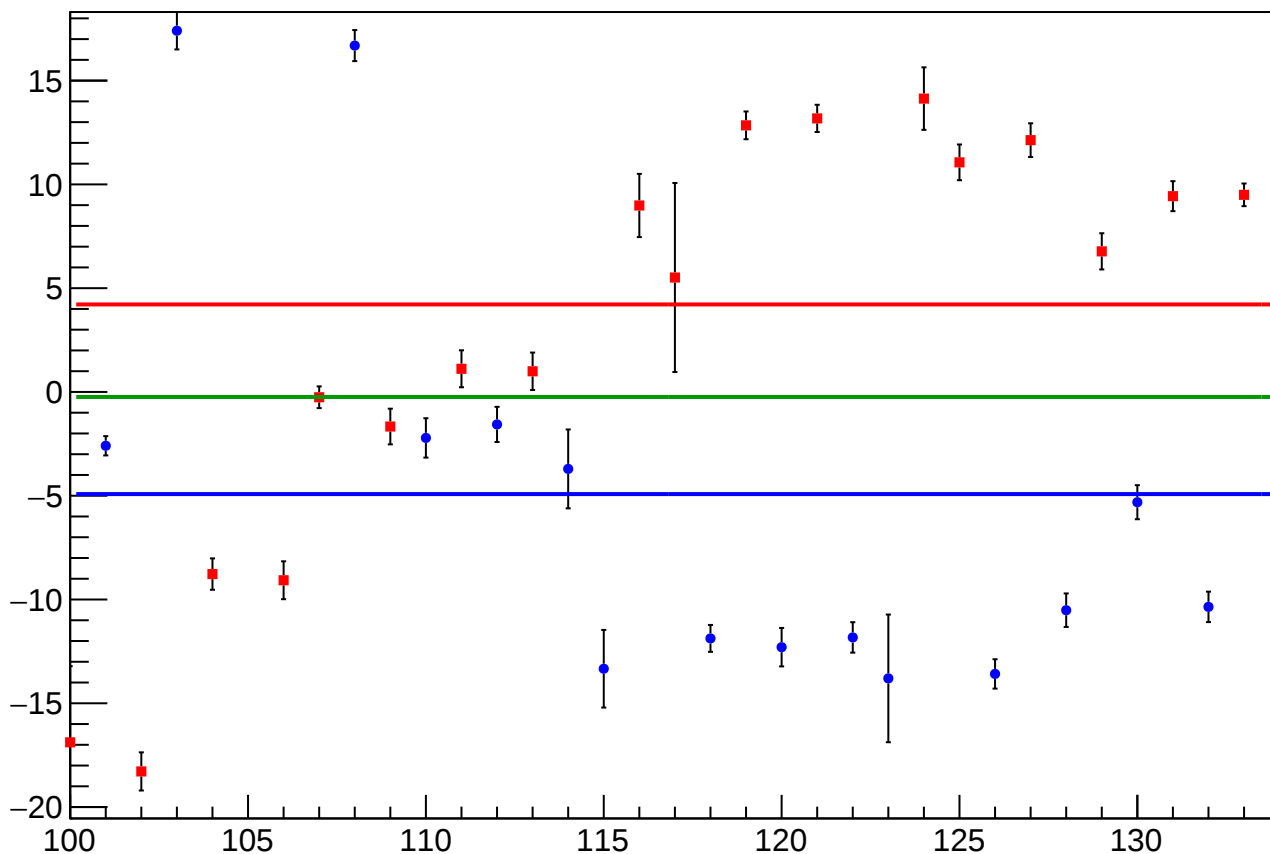
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.504 $\pm$ 0.317 χ^2 /NDF: 89.7/15

-1.152 $\pm$ 0.220 χ^2 /NDF: 1331.9/33

-8.248 $\pm$ 0.305 χ^2 /NDF: 117.1/17

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.921 ± 0.199 χ^2/NDF : 2068.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.216 ± 0.194 χ^2/NDF : 2003.1/17

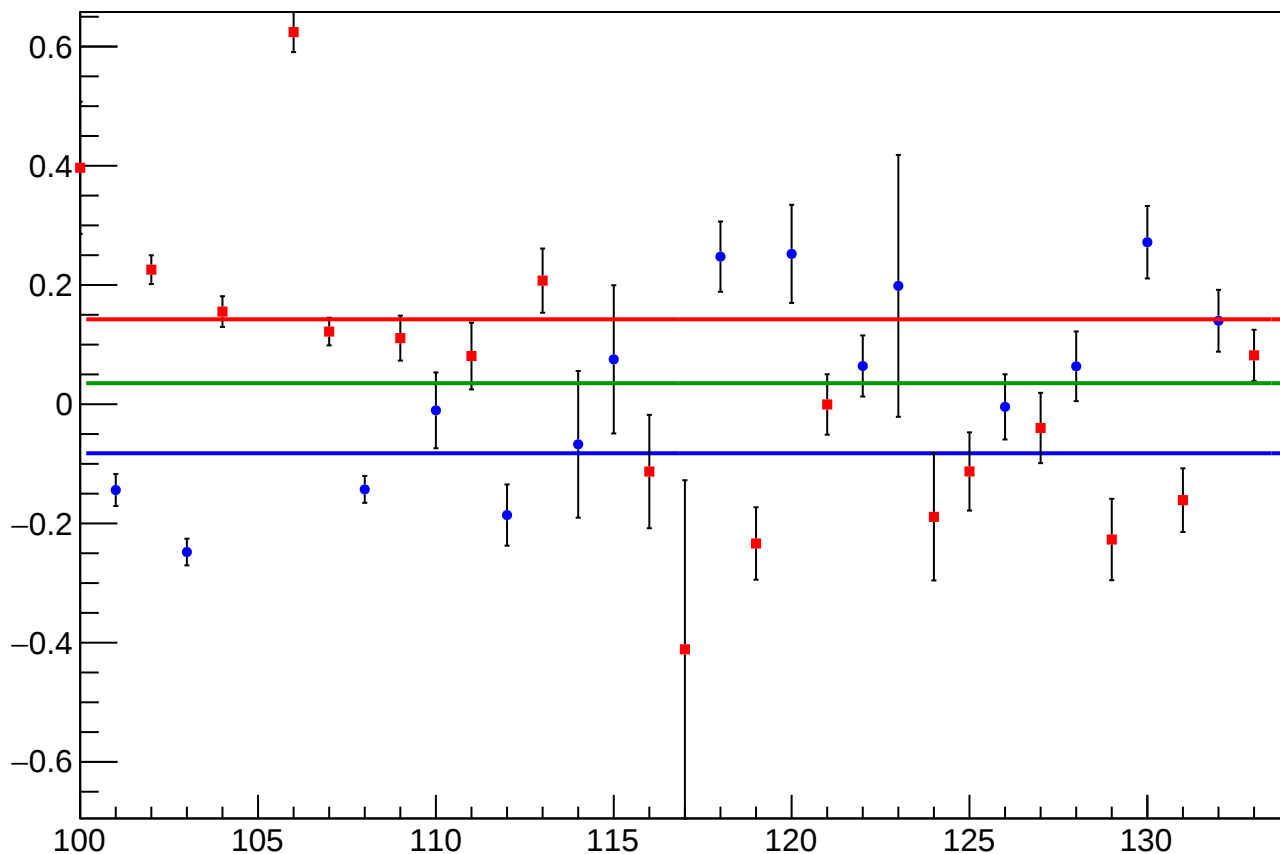
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.921 ± 0.199 χ^2/NDF : 2068.6/15

-0.241 ± 0.139 χ^2/NDF : 5156.8/33

4.216 ± 0.194 χ^2/NDF : 2003.1/17

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.082+/-0.011 χ^2/NDF : 203.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.142+/-0.010 χ^2/NDF : 382.2/17

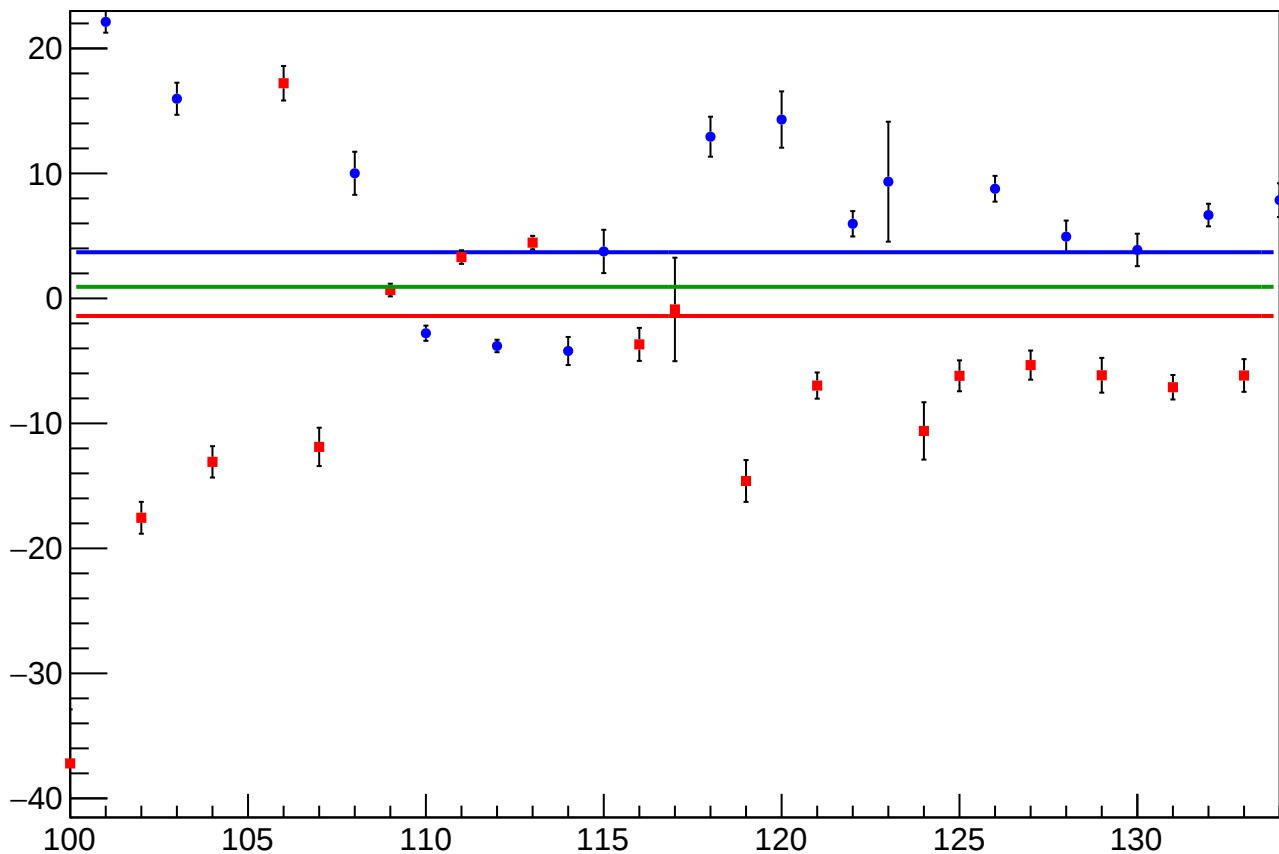
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.082+/-0.011 χ^2/NDF : 203.2/15

0.035+/-0.007 χ^2/NDF : 824.0/33

0.142+/-0.010 χ^2/NDF : 382.2/17

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.694+/-0.253 χ^2/NDF : 1053.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.406+/-0.232 χ^2/NDF : 947.3/17

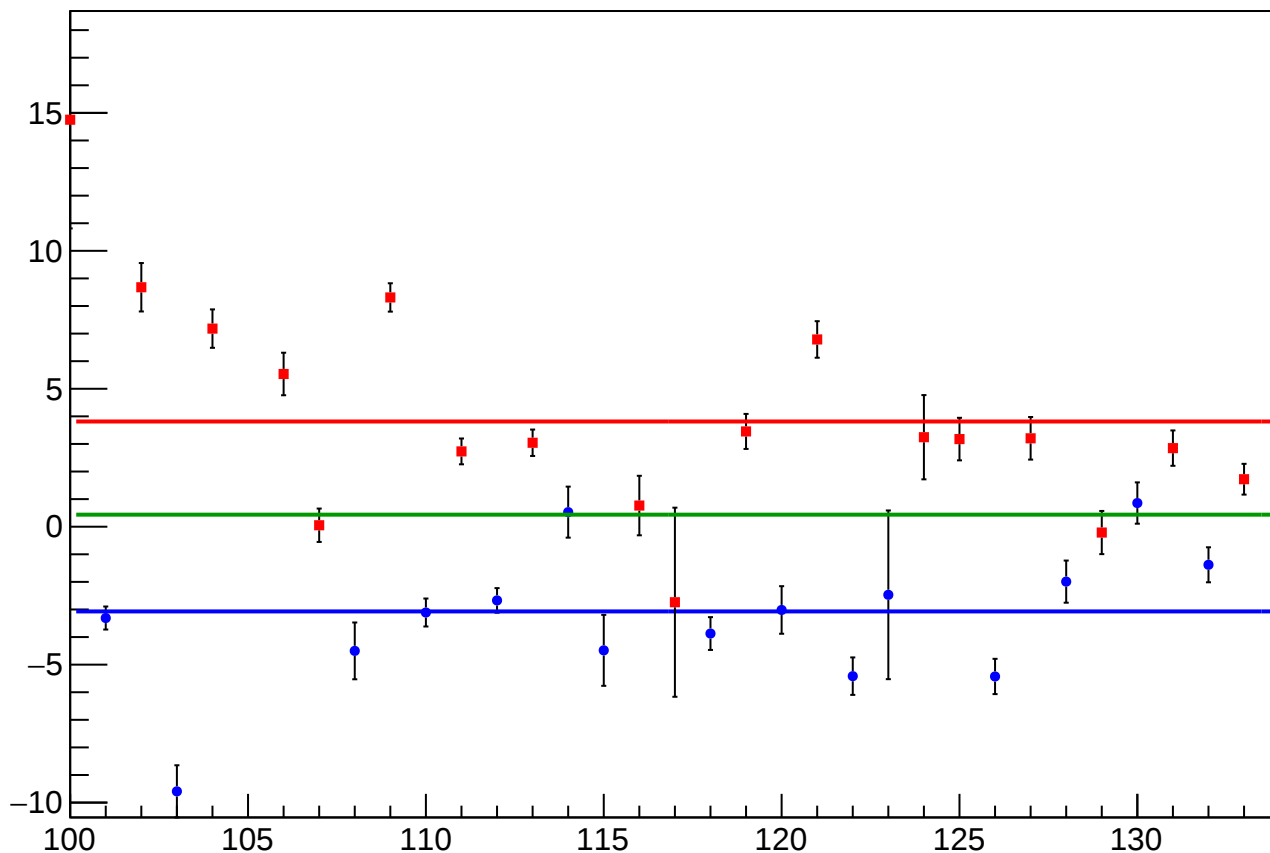
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.694+/-0.253 χ^2/NDF : 1053.0/15

0.927+/-0.171 χ^2/NDF : 2220.8/33

-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: -3.070 $\pm$ 0.167 χ^2 /NDF: 139.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.814 $\pm$ 0.164 χ^2 /NDF: 266.3/17

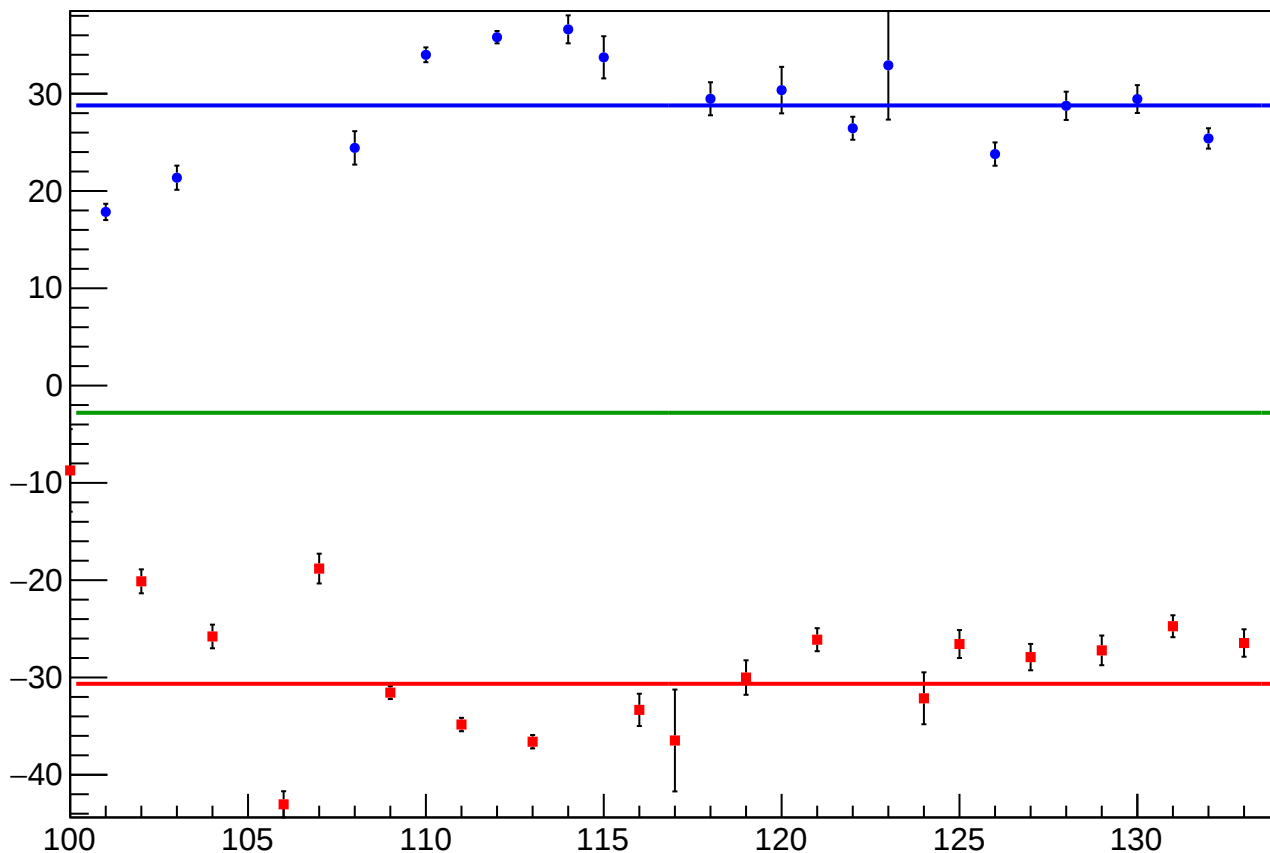
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-3.070 $\pm$ 0.167 χ^2 /NDF: 139.7/15

0.436 $\pm$ 0.117 χ^2 /NDF: 1274.3/33

3.814 $\pm$ 0.164 χ^2 /NDF: 266.3/17

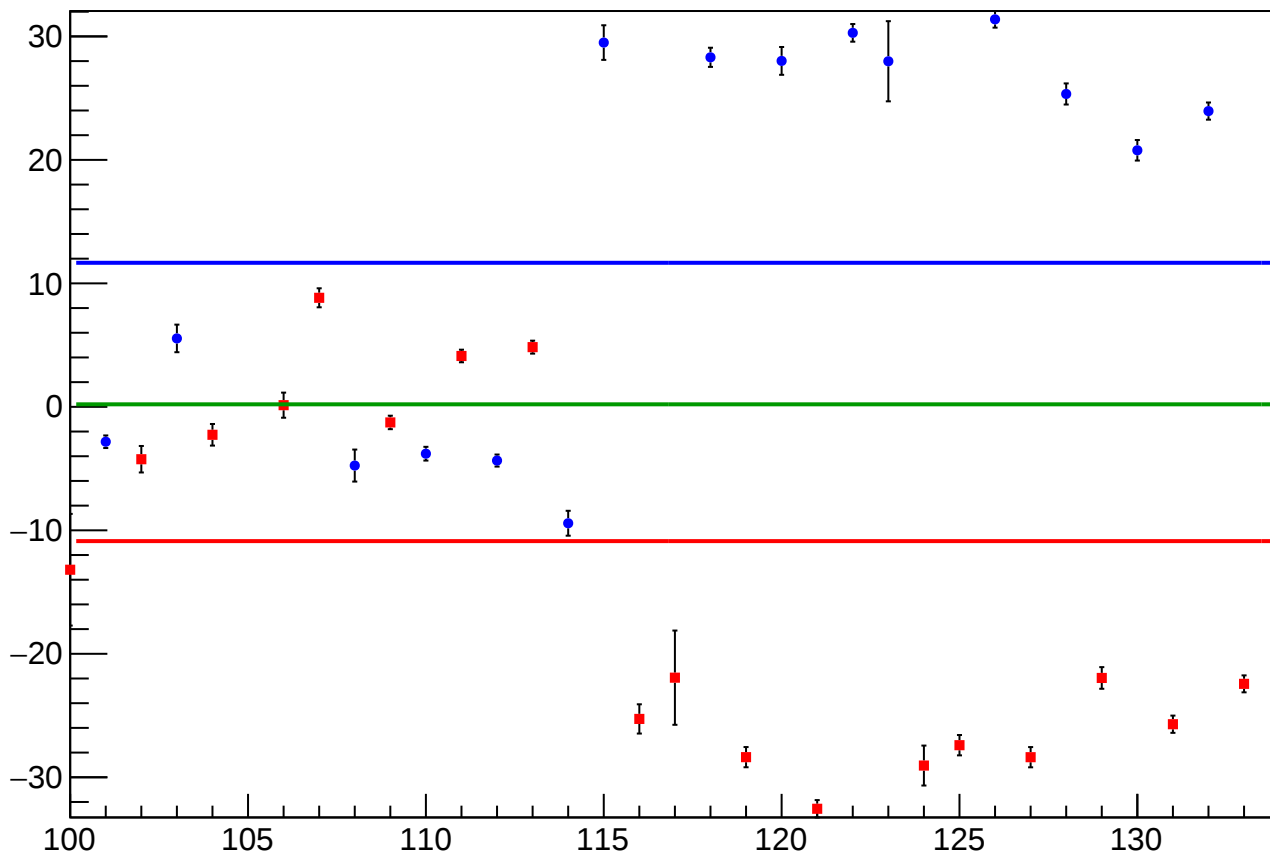
reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.793 ± 0.293 χ^2/NDF : 458.6/15
 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

28.793 ± 0.293 χ^2/NDF : 458.6/15
 -2.795 ± 0.201 χ^2/NDF : 22743.2/33
 -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: 11.666+/-0.189 χ^2 /NDF: 6562.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -10.874+/-0.186 χ^2 /NDF: 6417.1/17

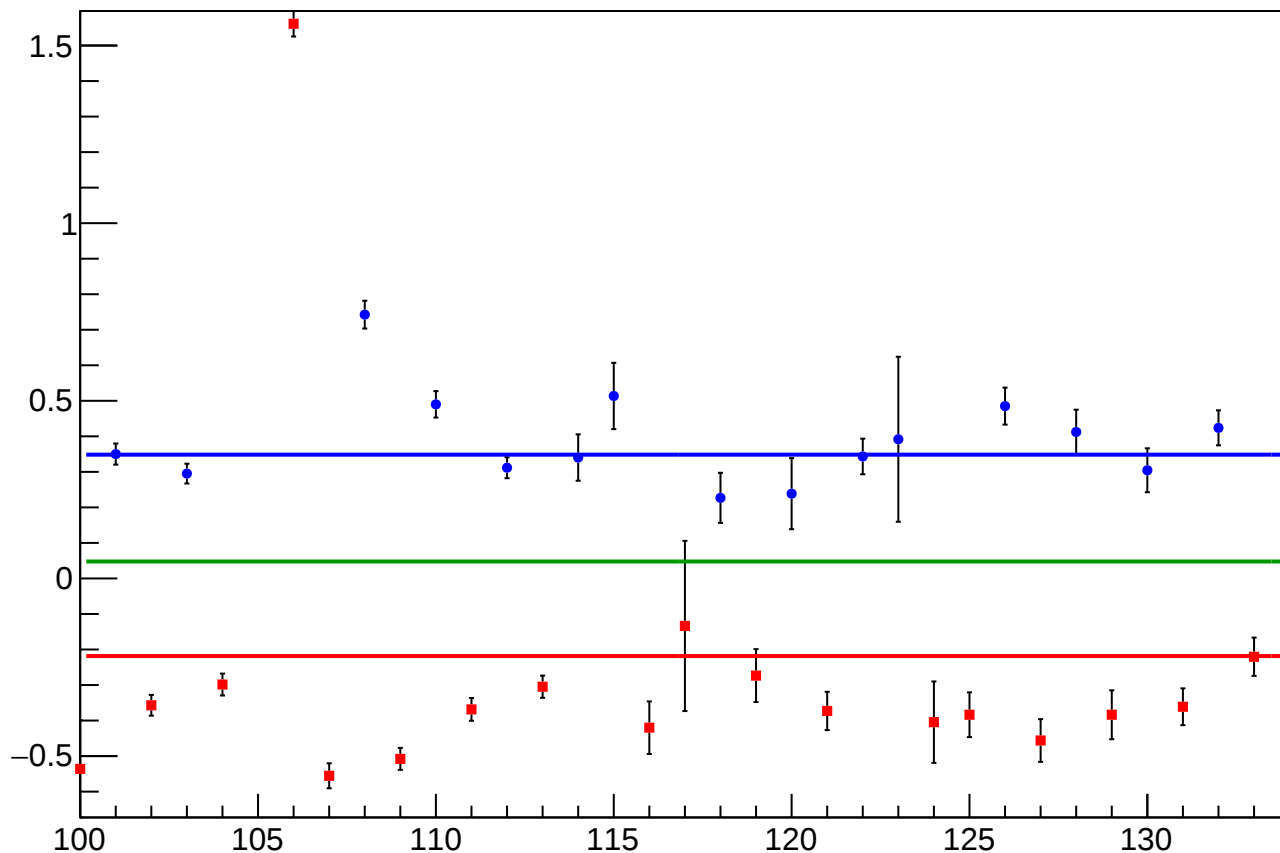
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

11.666+/-0.189 χ^2 /NDF: 6562.3/15

0.204+/-0.133 χ^2 /NDF: 20174.5/33

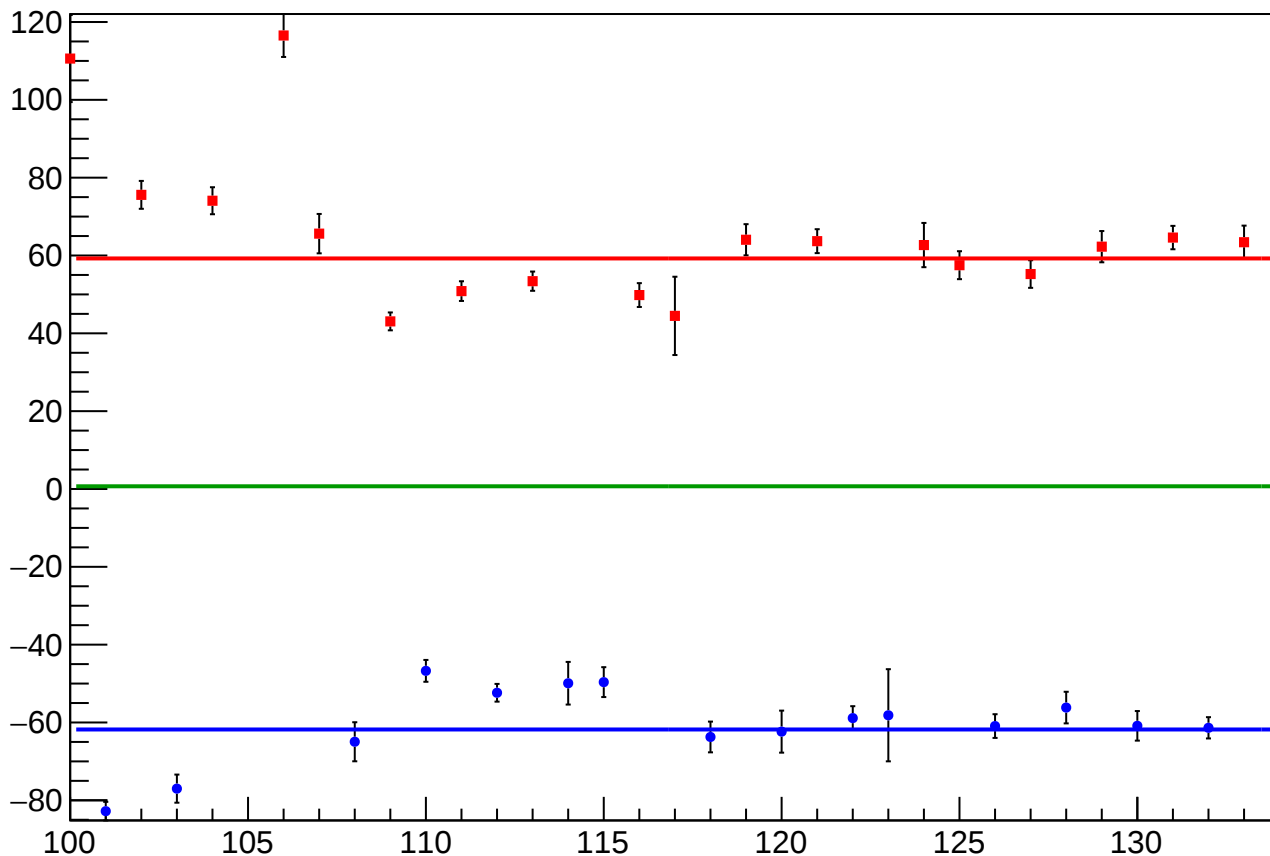
-10.874+/-0.186 χ^2 /NDF: 6417.1/17

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



0.348 ± 0.011 $\chi^2/\text{NDF}: 263.1/15$
 0.048 ± 0.008 $\chi^2/\text{NDF}: 4402.5/33$
 -0.218 ± 0.010 $\chi^2/\text{NDF}: 2757.1/17$

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.800 $\pm$ 0.858 χ^2 /NDF: 168.1/15

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

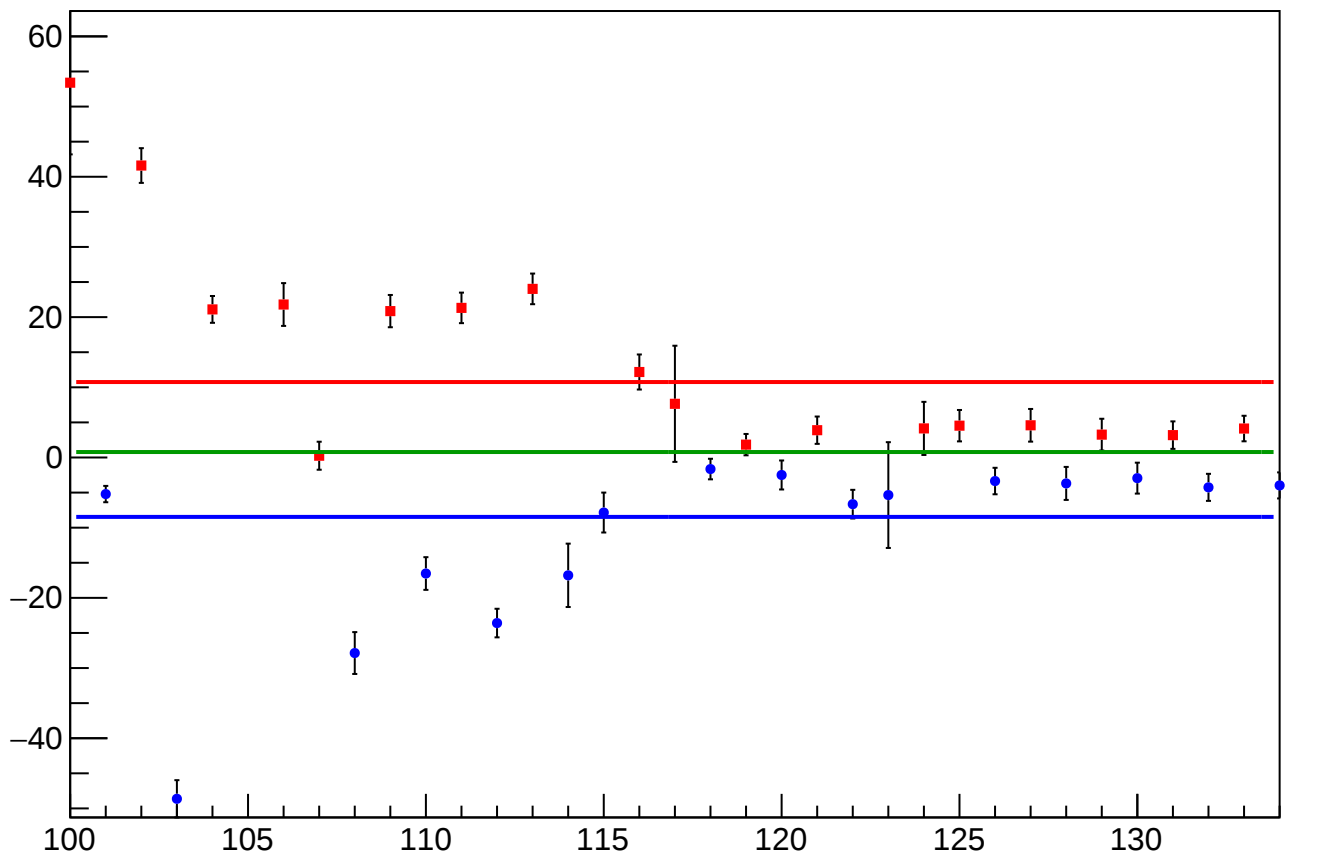
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-61.800 $\pm$ 0.858 χ^2 /NDF: 168.1/15

0.693 $\pm$ 0.597 χ^2 /NDF: 10704.0/33

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: -8.464±/0.515 χ^2/NDF : 408.6/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 10.751±/0.535 χ^2/NDF : 427.1/17

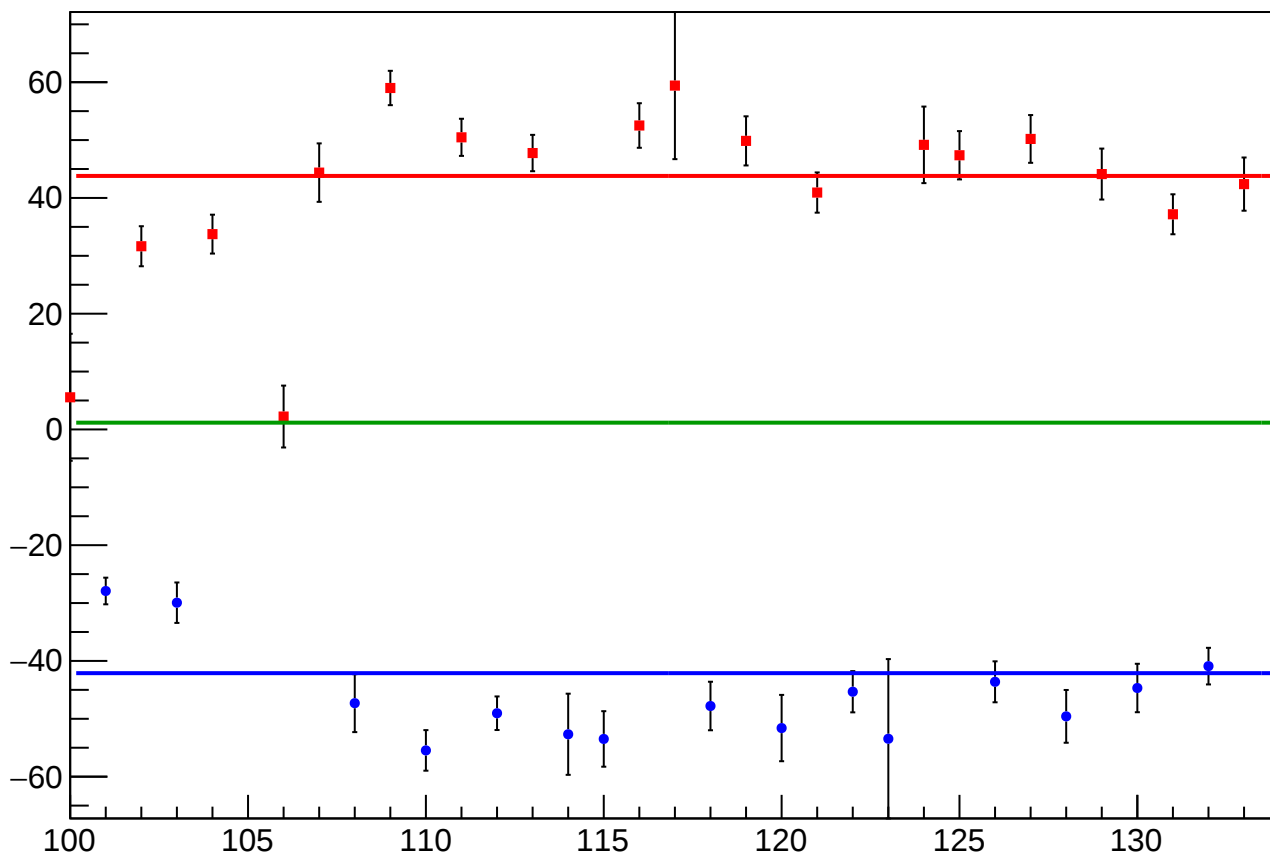
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-8.464±/0.515 χ^2/NDF : 408.6/15

0.779±/0.371 χ^2/NDF : 1506.2/33

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: -42.115 ± 0.961 χ^2/NDF : 95.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 43.804 ± 0.953 χ^2/NDF : 143.0/17

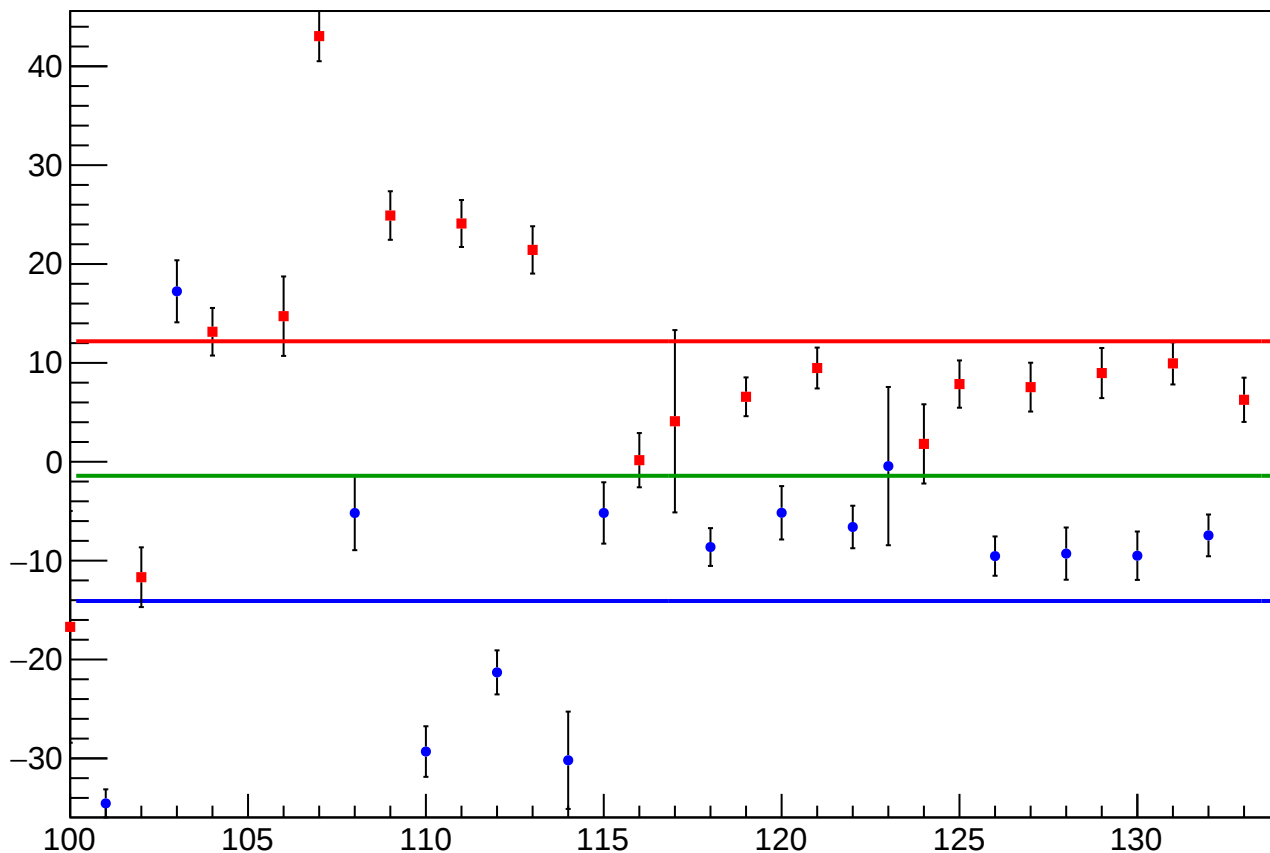
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-42.115 ± 0.961 χ^2/NDF : 95.1/15

1.170 ± 0.677 χ^2/NDF : 4268.5/33

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: -14.081 ± 0.594 χ^2/NDF : 439.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.186 ± 0.616 χ^2/NDF : 336.8/17

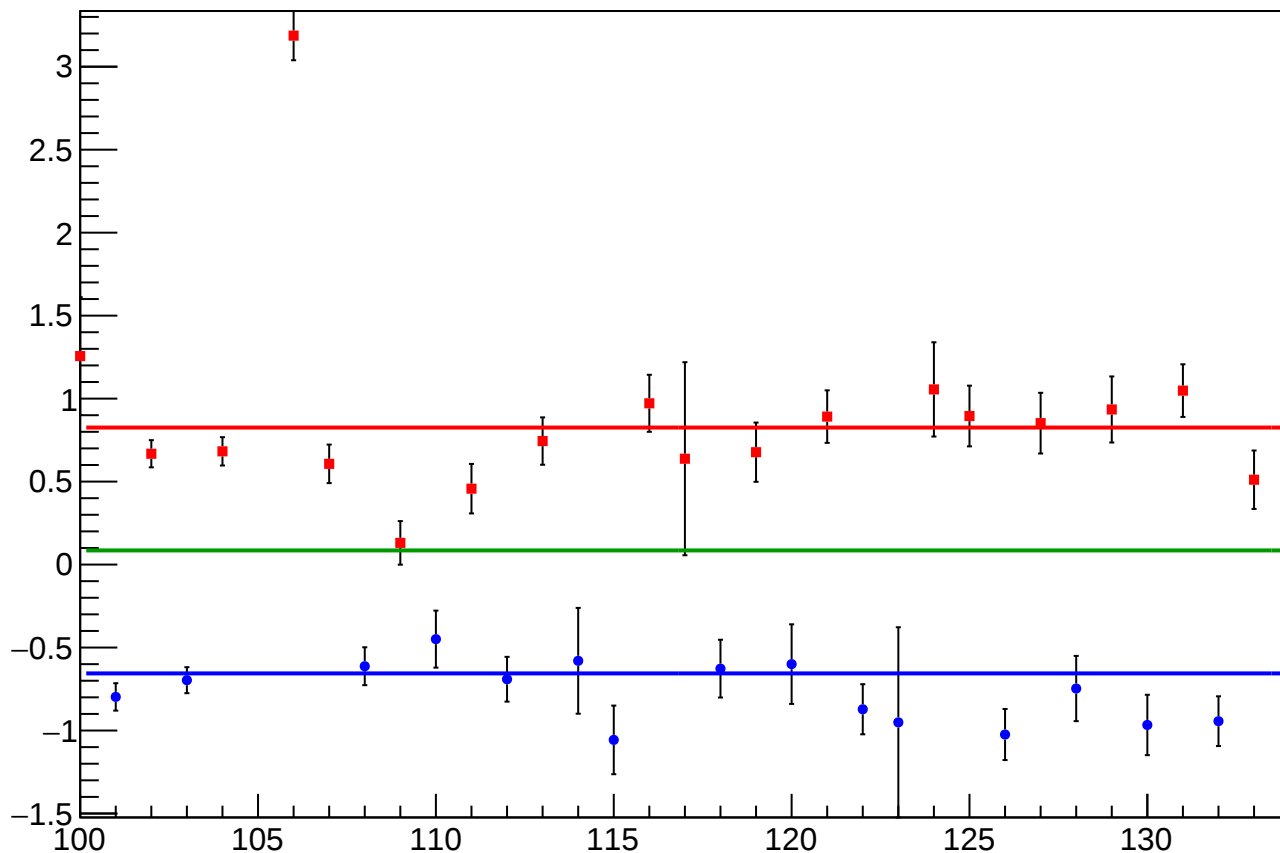
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-14.081 ± 0.594 χ^2/NDF : 439.5/15

-1.419 ± 0.427 χ^2/NDF : 1719.3/33

12.186 ± 0.616 χ^2/NDF : 336.8/17

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.656 ± 0.034 χ^2/NDF : 85.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.826 ± 0.034 χ^2/NDF : 307.5/17

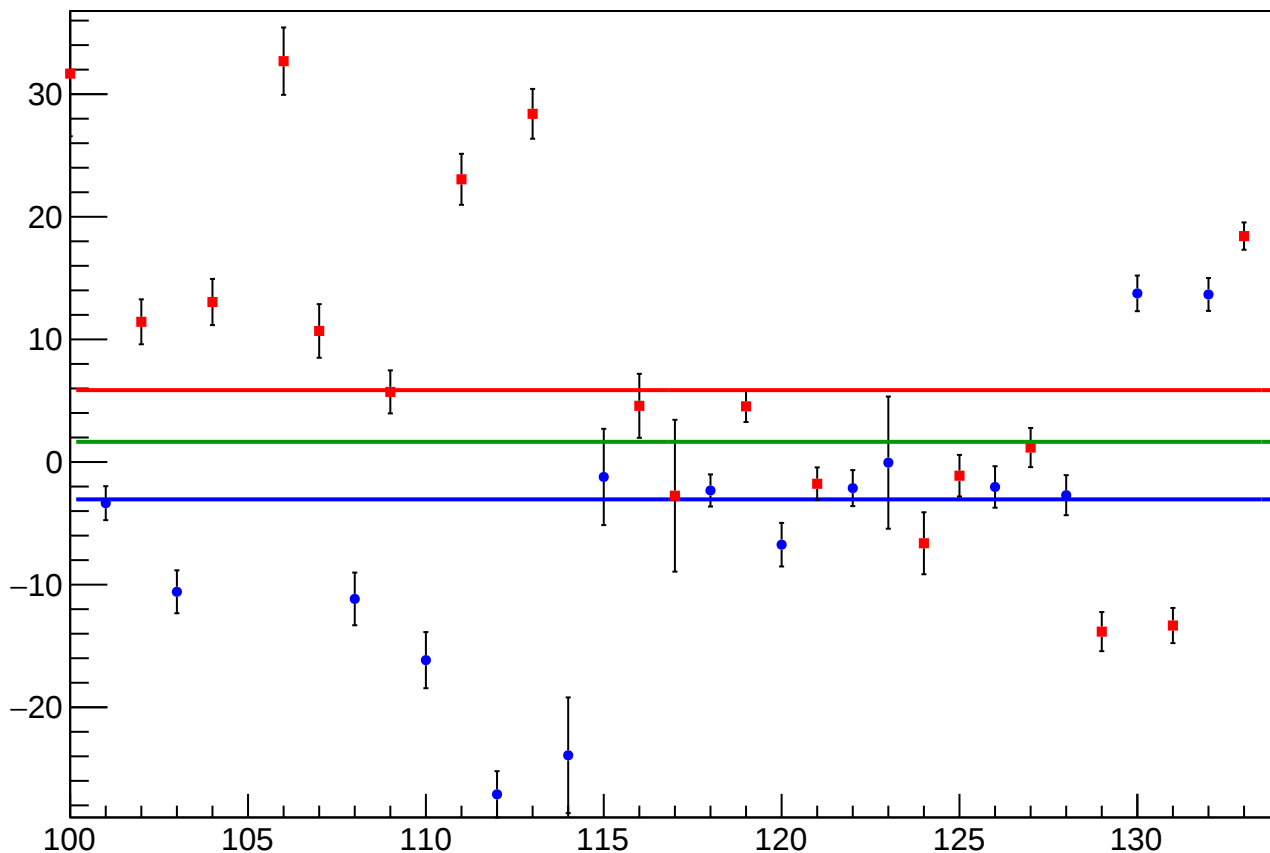
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.656 ± 0.034 χ^2/NDF : 85.5/15

0.085 ± 0.024 χ^2/NDF : 1318.1/33

0.826 ± 0.034 χ^2/NDF : 307.5/17

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.045 $\pm$ 0.442 χ^2/NDF : 572.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5.863 $\pm$ 0.419 χ^2/NDF : 885.9/17

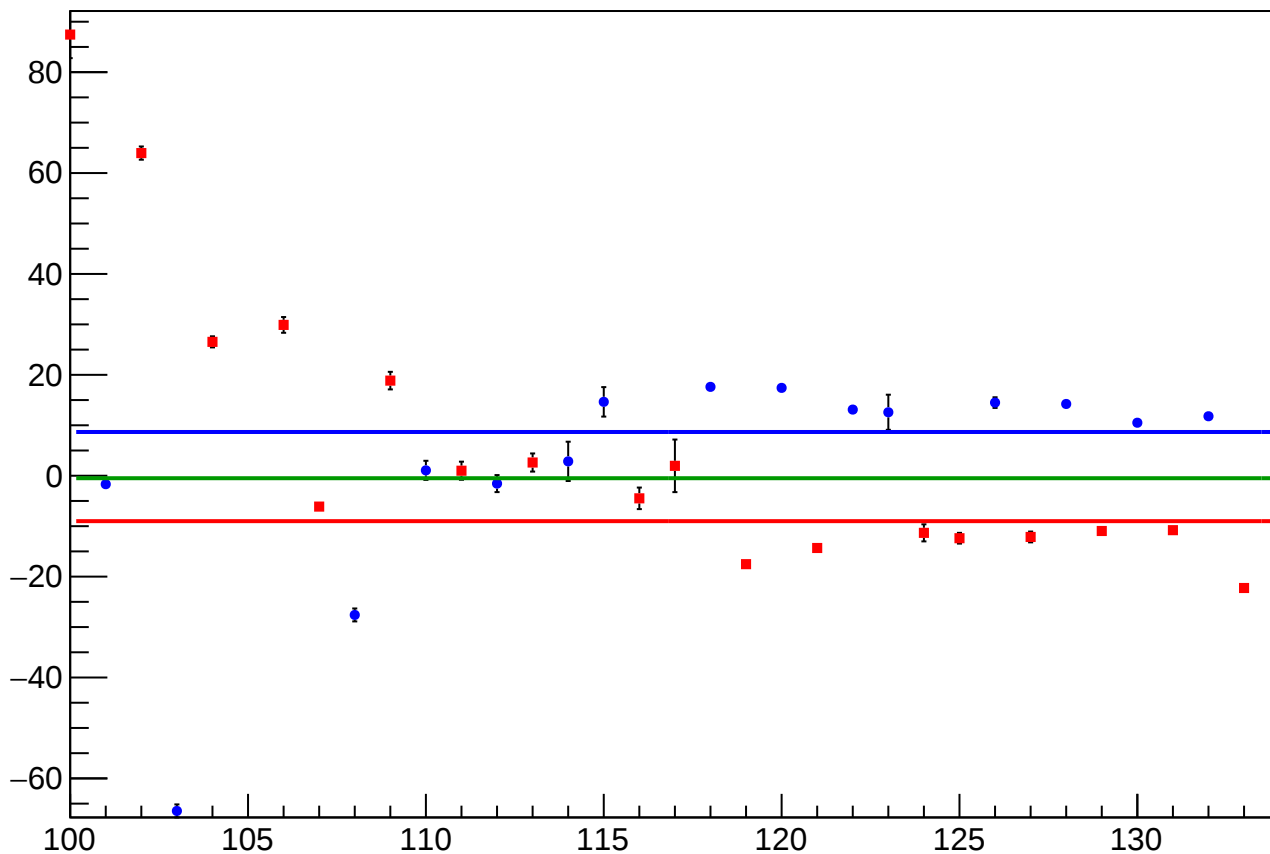
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-3.045 $\pm$ 0.442 χ^2/NDF : 572.6/15

1.648 $\pm$ 0.304 χ^2/NDF : 1672.0/33

5.863 $\pm$ 0.419 χ^2/NDF : 885.9/17

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.671+/-0.239 χ^2/NDF : 5207.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.004+/-0.230 χ^2/NDF : 6685.8/17

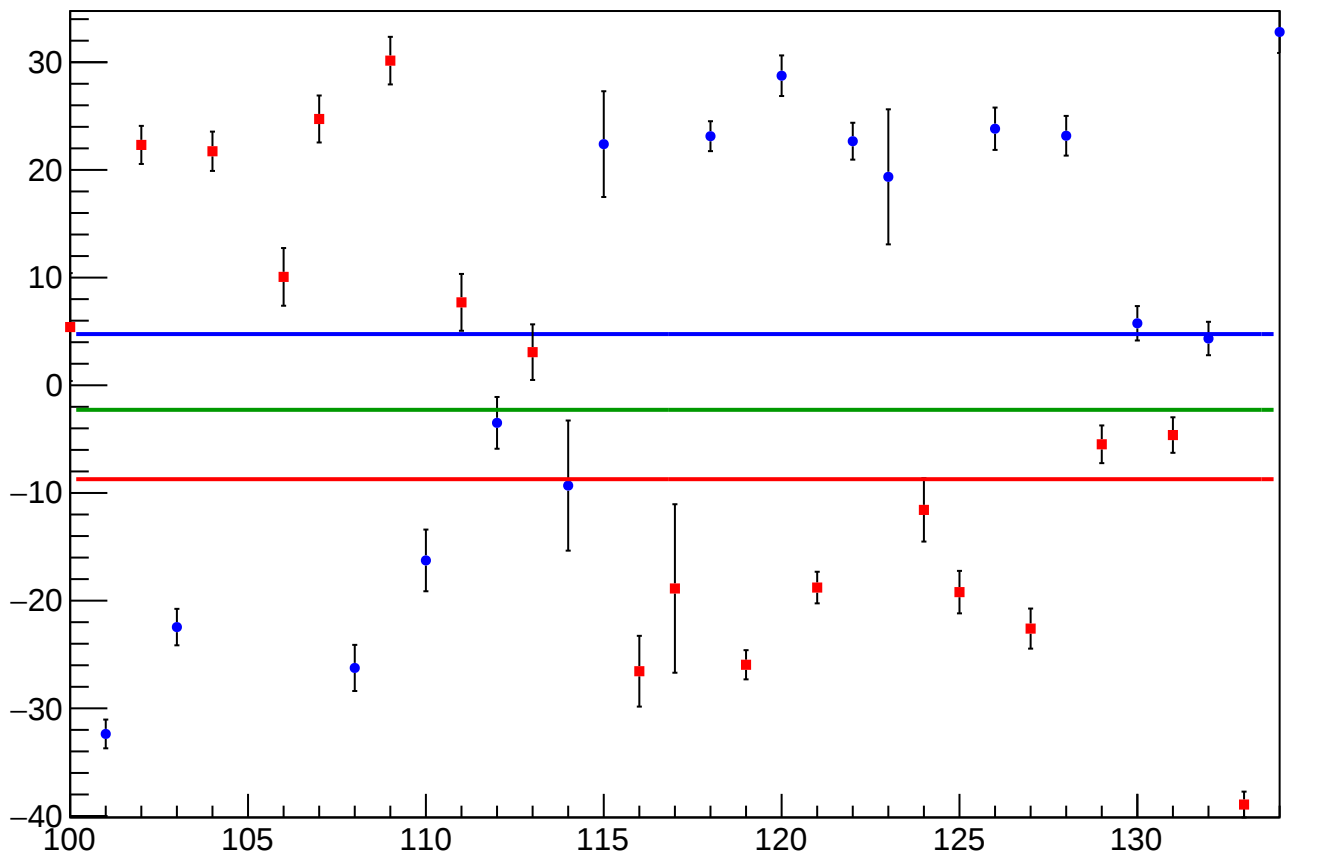
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.671+/-0.239 χ^2/NDF : 5207.0/15

-0.493+/-0.166 χ^2/NDF : 14740.1/33

-9.004+/-0.230 χ^2/NDF : 6685.8/17

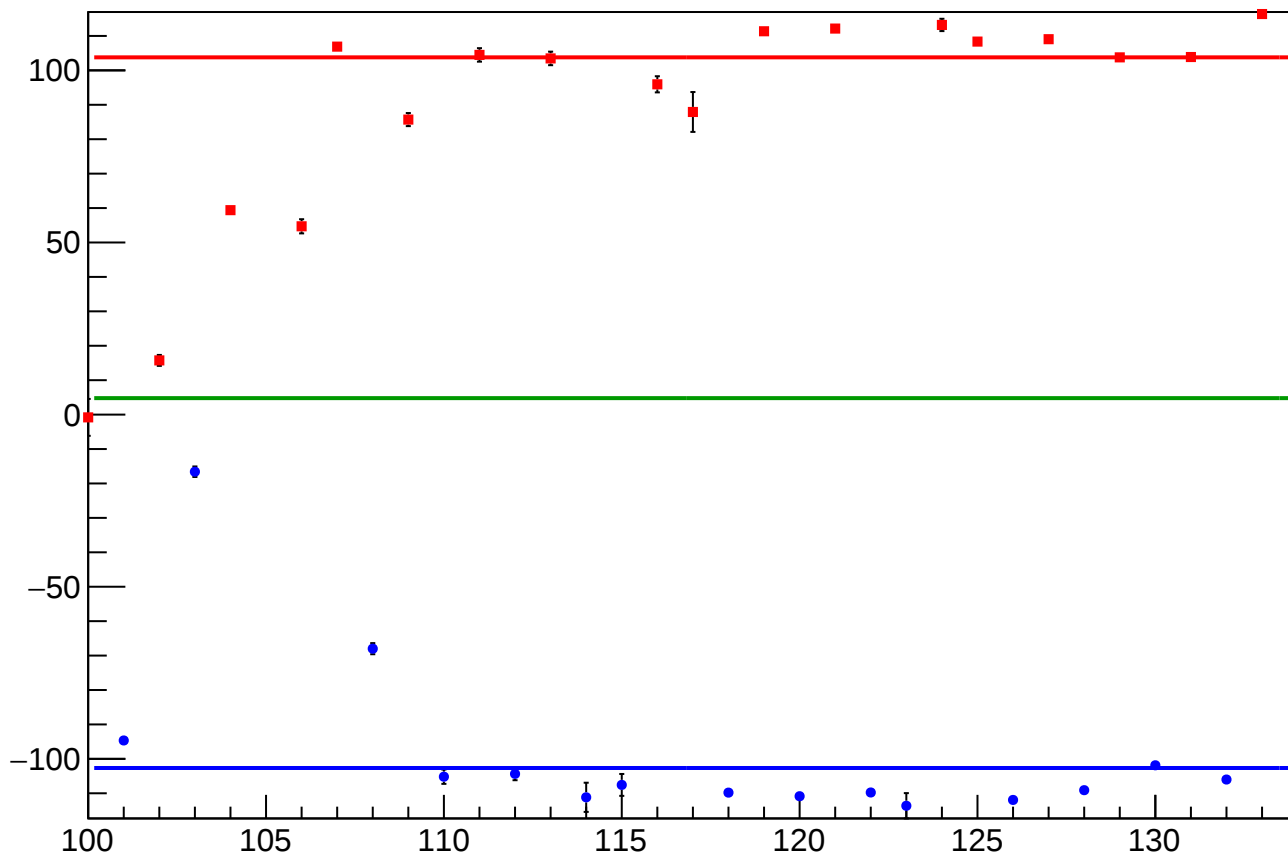
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.755+/-0.483 χ^2/NDF : 2179.2/15
 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

4.755+/-0.483 χ^2/NDF : 2179.2/15
 -2.279+/-0.334 χ^2/NDF : 4802.1/33
 -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: -102.654+/-0.283 χ^2/NDF : 4180.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.780+/-0.272 χ^2/NDF : 5942.2/17

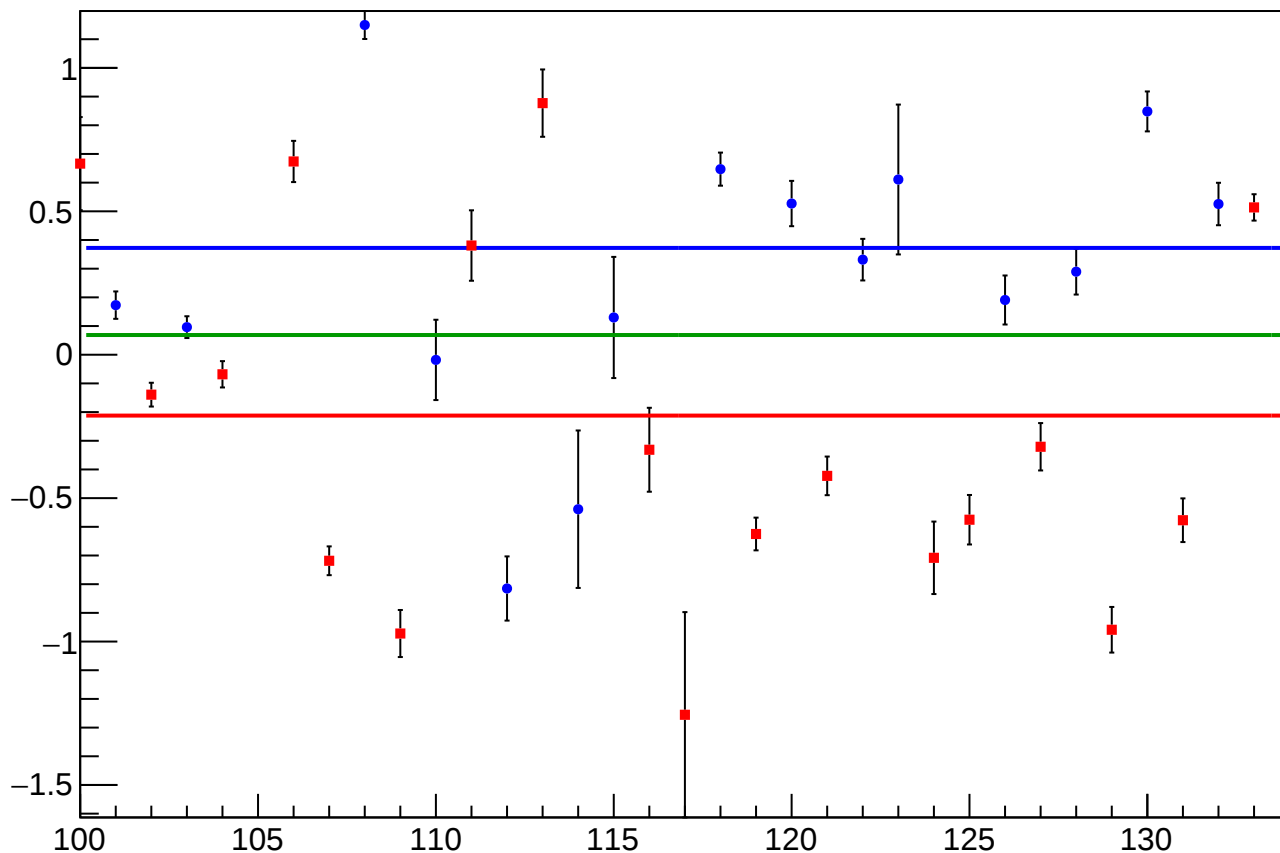
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-102.654+/-0.283 χ^2/NDF : 4180.6/15

4.787+/-0.196 χ^2/NDF : 287109.7/33

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: 0.372 $\pm$ 0.017 χ^2 /NDF: 573.3/15

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

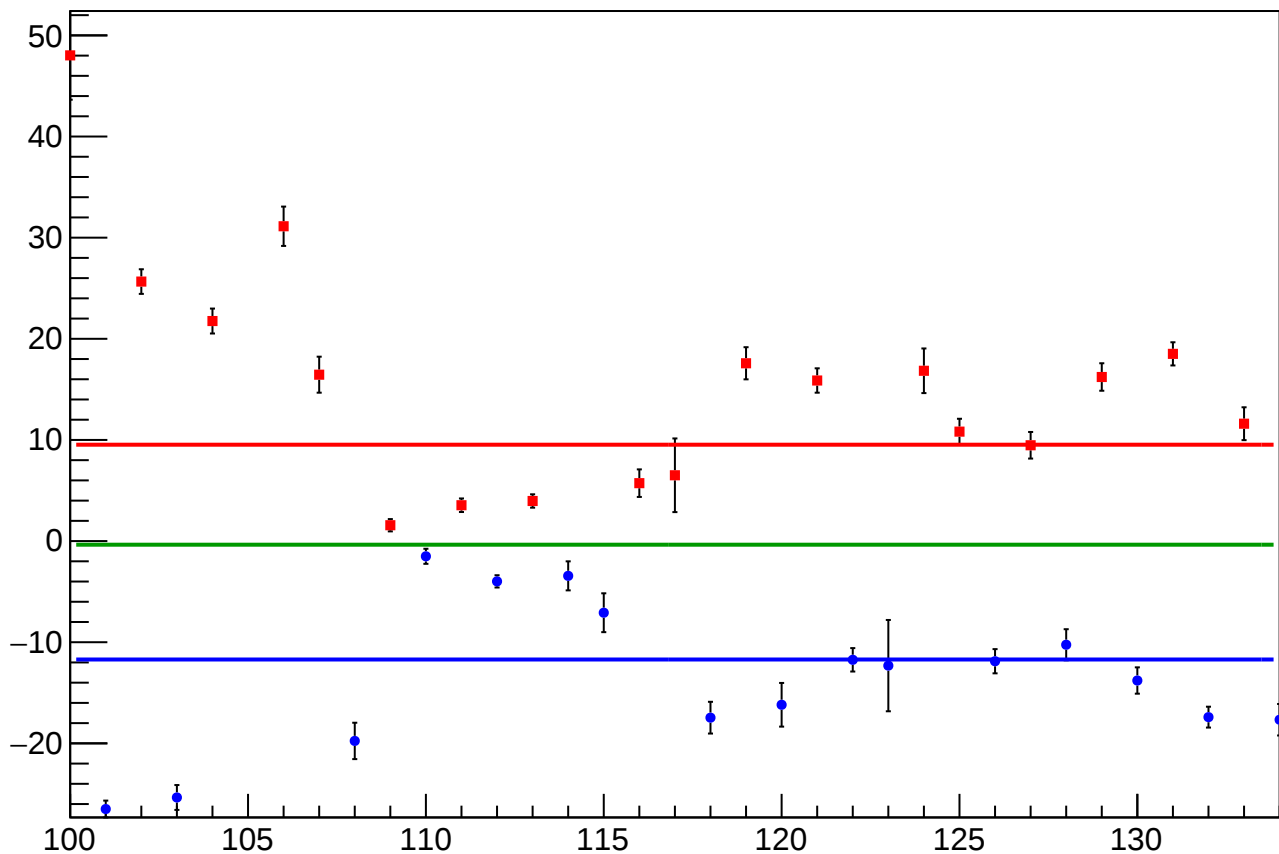
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.372 $\pm$ 0.017 χ^2 /NDF: 573.3/15

0.069 $\pm$ 0.012 χ^2 /NDF: 2138.9/33

-0.212 $\pm$ 0.016 χ^2 /NDF: 957.7/17

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -11.709 $\pm$ 0.287 χ^2 /NDF: 913.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.529 $\pm$ 0.268 χ^2 /NDF: 972.9/17

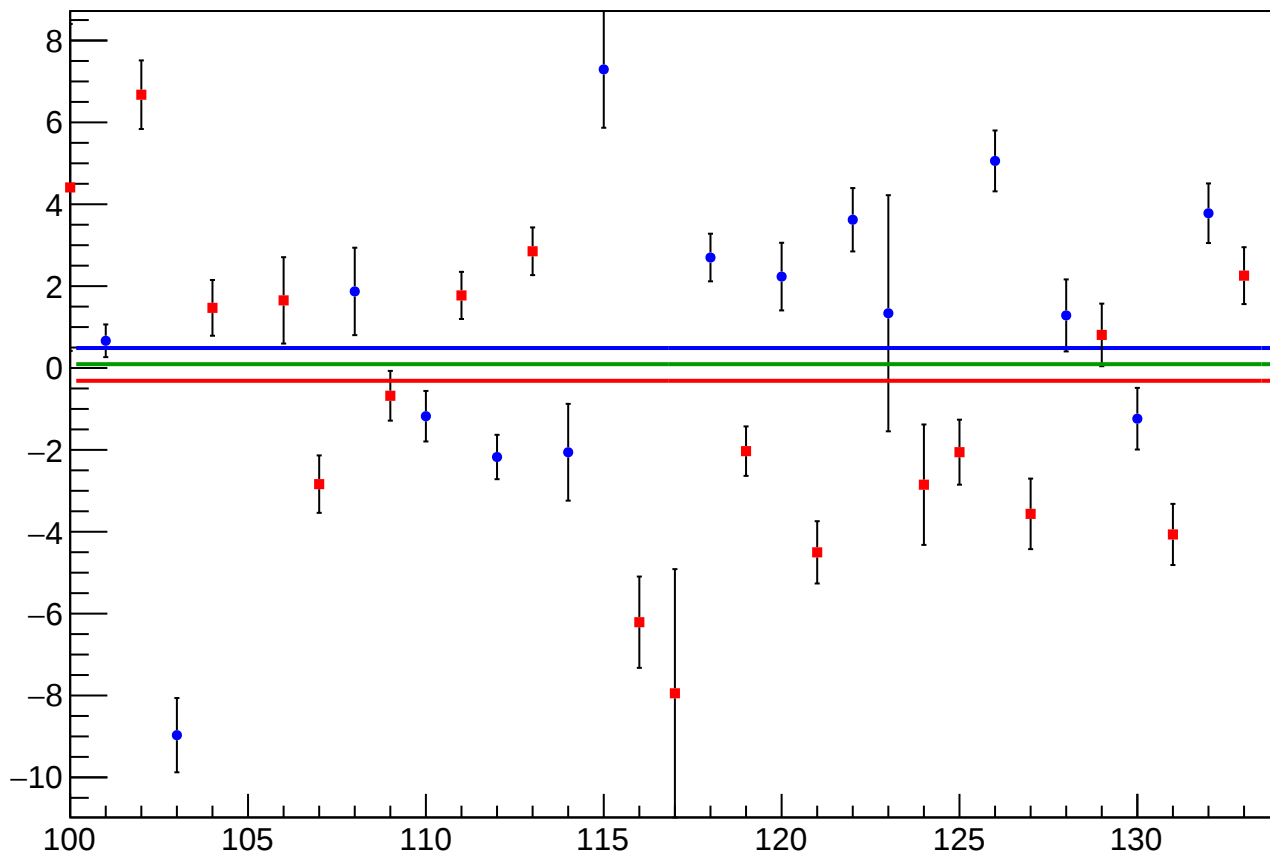
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.709 $\pm$ 0.287 χ^2 /NDF: 913.7/15

-0.358 $\pm$ 0.196 χ^2 /NDF: 4820.5/33

9.529 $\pm$ 0.268 χ^2 /NDF: 972.9/17

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.488 $\pm$ 0.181 χ^2 /NDF: 286.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.312 $\pm$ 0.184 χ^2 /NDF: 273.0/17

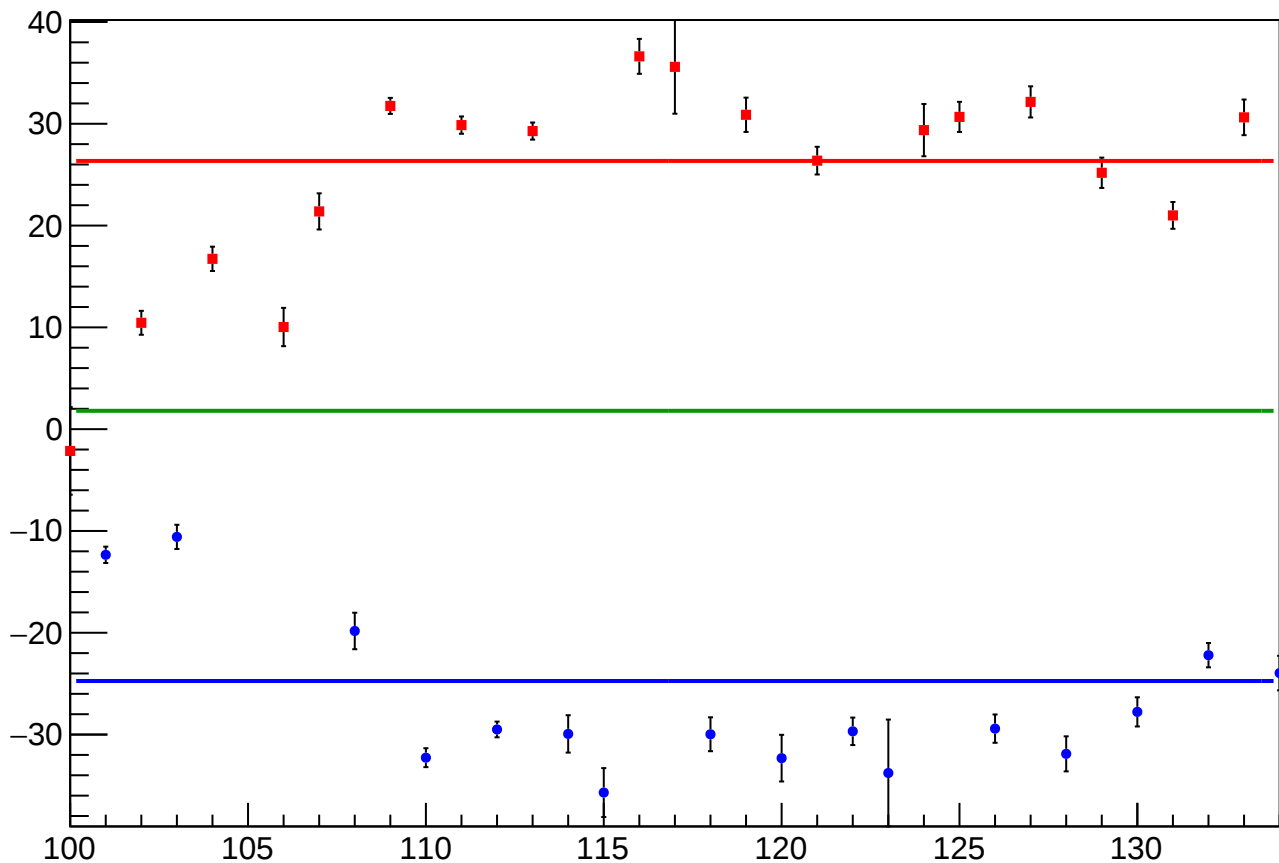
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.488 $\pm$ 0.181 χ^2 /NDF: 286.7/15

0.094 $\pm$ 0.129 χ^2 /NDF: 569.3/33

-0.312 $\pm$ 0.184 χ^2 /NDF: 273.0/17

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.739+/-0.326 χ^2/NDF : 595.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.351+/-0.314 χ^2/NDF : 545.8/17

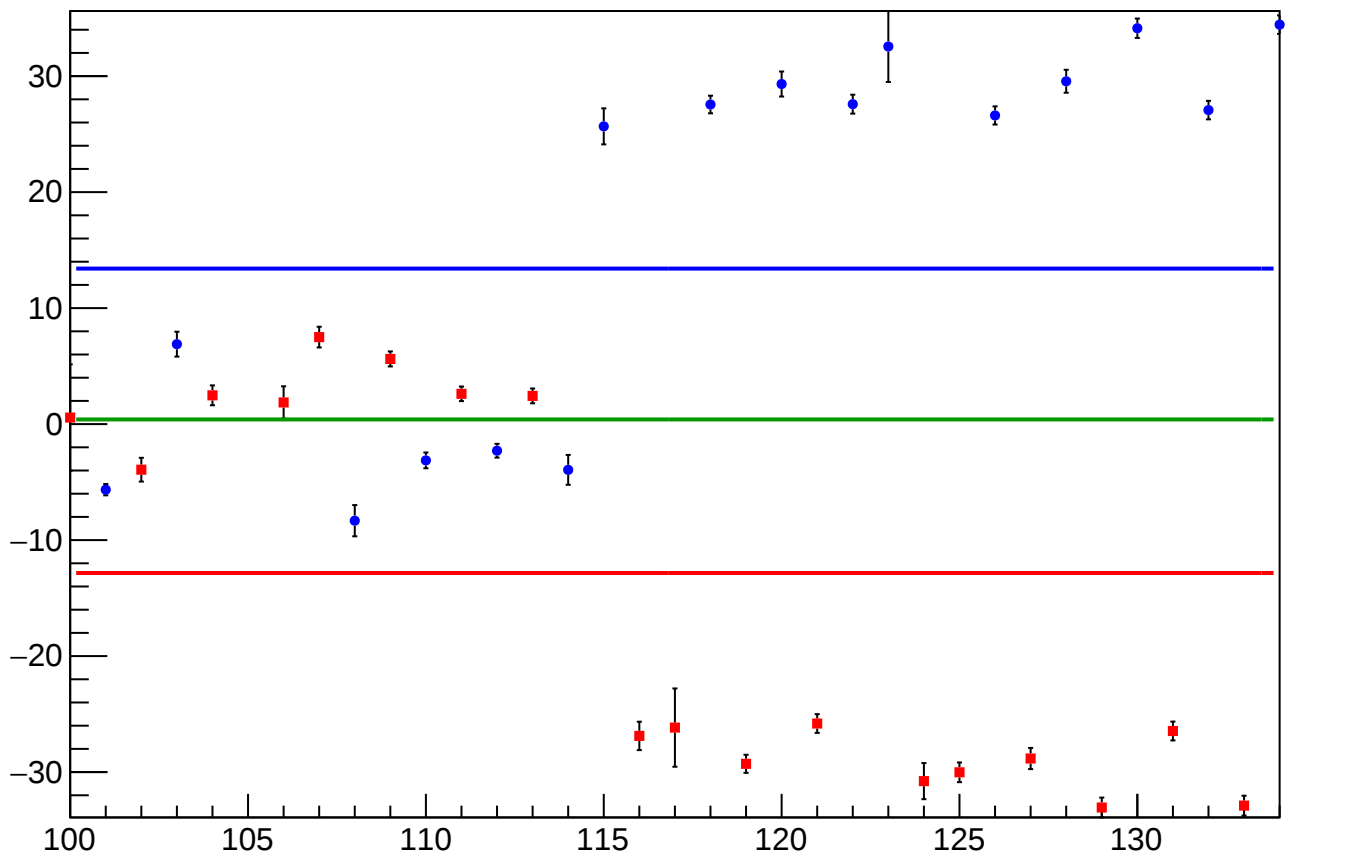
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.739+/-0.326 χ^2/NDF : 595.2/15

1.803+/-0.226 χ^2/NDF : 13890.8/33

26.351+/-0.314 χ^2/NDF : 545.8/17

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.408+/-0.208 χ^2 /NDF: 6420.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -12.836+/-0.210 χ^2 /NDF: 6112.9/17

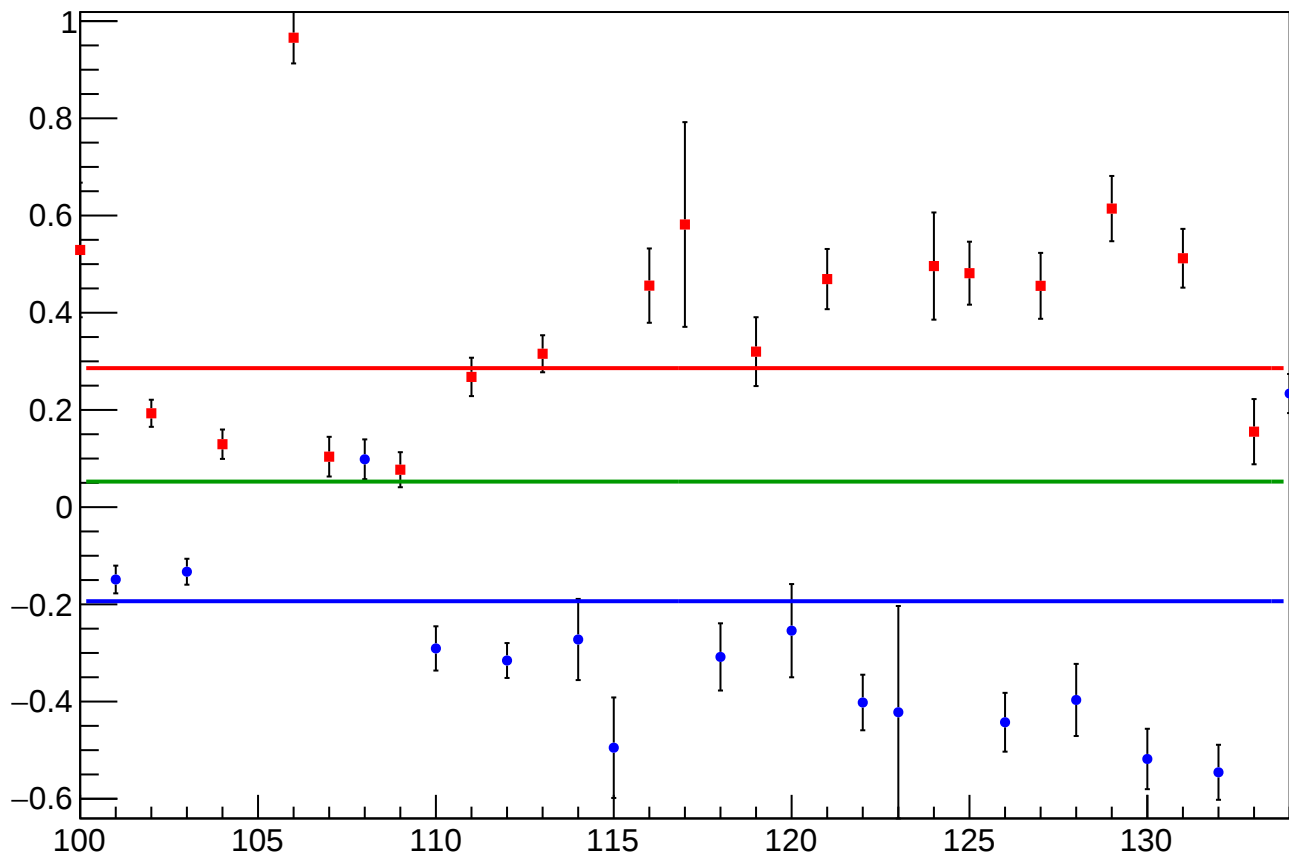
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

13.408+/-0.208 χ^2 /NDF: 6420.7/15

0.402+/-0.148 χ^2 /NDF: 20413.8/33

-12.836+/-0.210 χ^2 /NDF: 6112.9/17

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.194+/-0.012 χ^2/NDF : 305.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.286+/-0.012 χ^2/NDF : 337.0/17

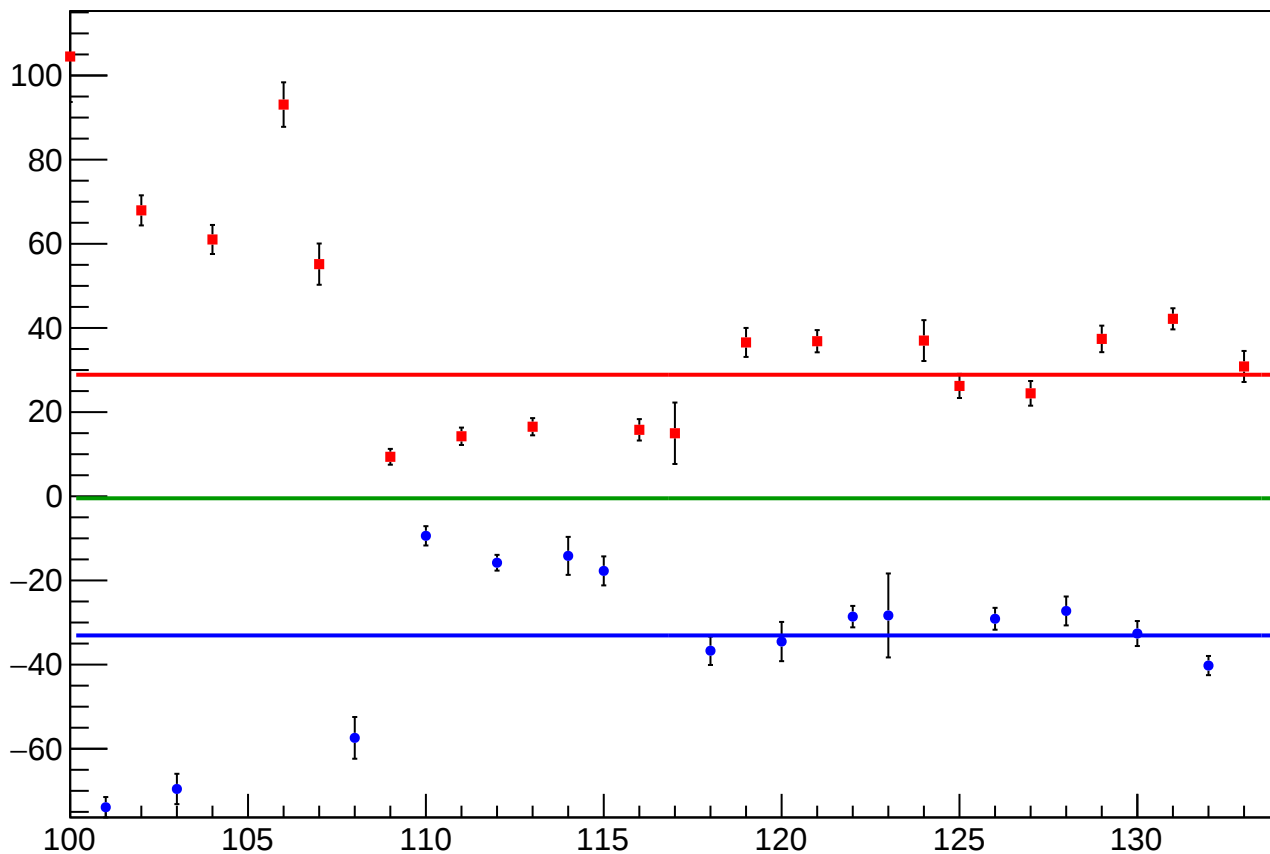
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.194+/-0.012 χ^2/NDF : 305.0/15

0.053+/-0.008 χ^2/NDF : 1470.2/33

0.286+/-0.012 χ^2/NDF : 337.0/17

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.069 $\pm$ 0.741 χ^2 /NDF: 670.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.885 $\pm$ 0.704 χ^2 /NDF: 711.1/17

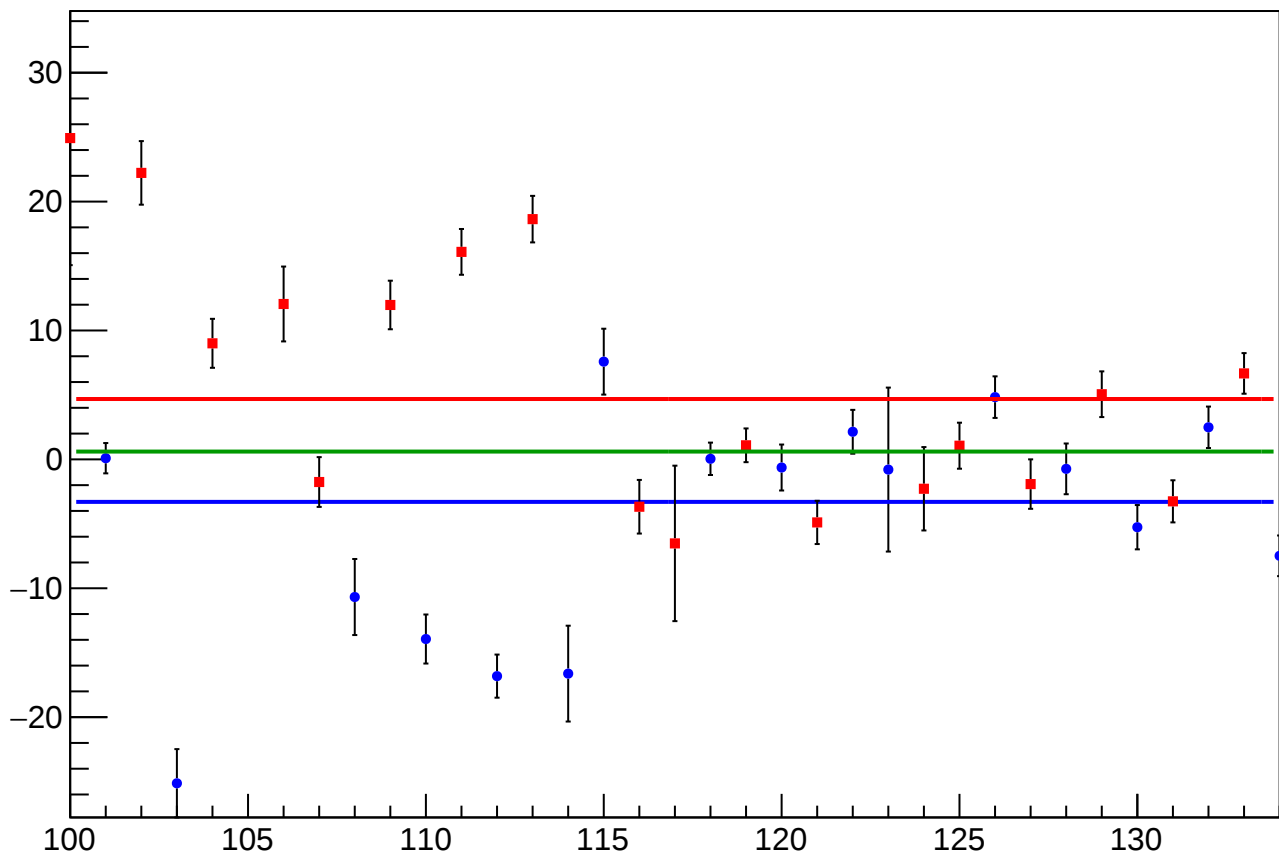
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-33.069 $\pm$ 0.741 χ^2 /NDF: 670.3/15

-0.477 $\pm$ 0.510 χ^2 /NDF: 5054.2/33

28.885 $\pm$ 0.704 χ^2 /NDF: 711.1/17

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.298+/-0.450 χ^2/NDF : 278.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.684+/-0.460 χ^2/NDF : 299.1/17

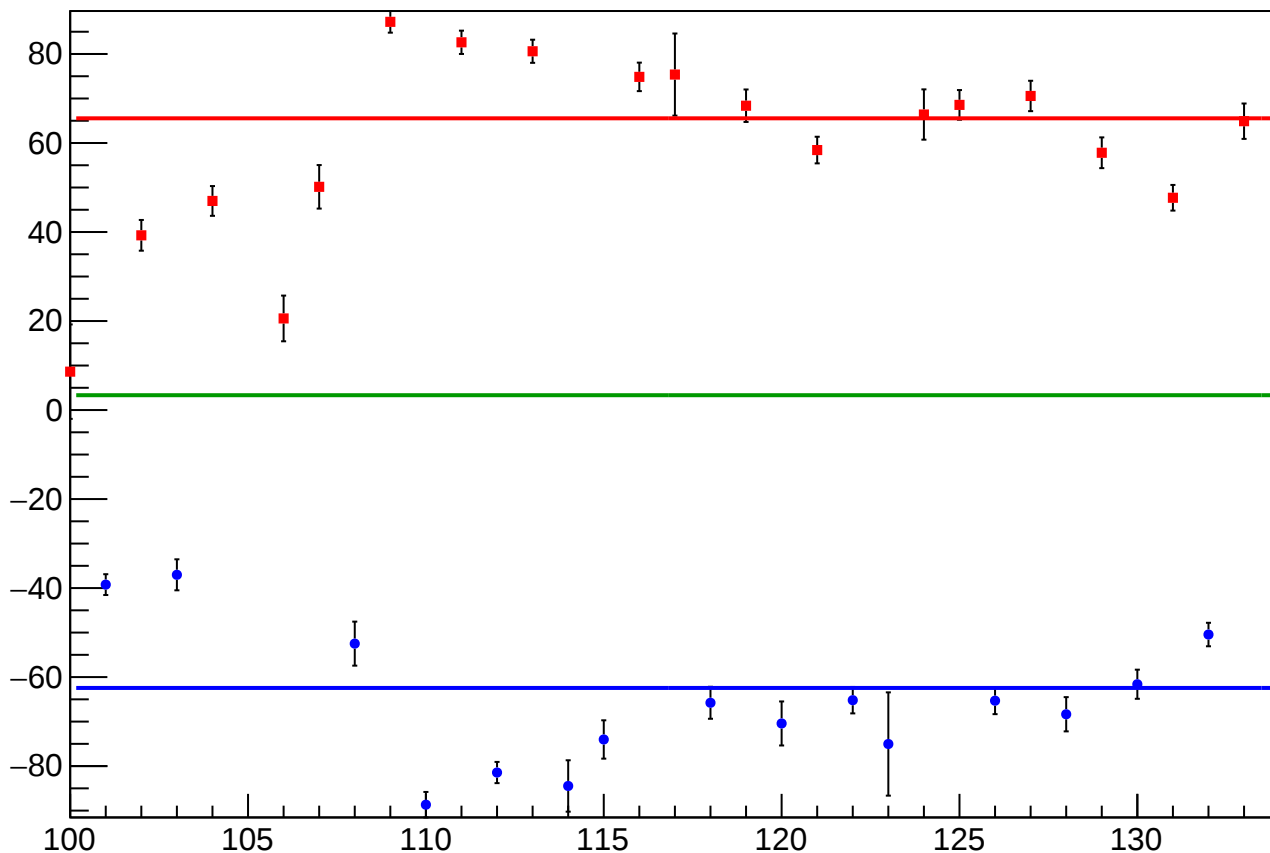
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.298+/-0.450 χ^2/NDF : 278.0/15

0.606+/-0.322 χ^2/NDF : 730.7/33

4.684+/-0.460 χ^2/NDF : 299.1/17

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.440±/0.841 χ^2/NDF : 367.6/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 65.546±/0.818 χ^2/NDF : 422.0/17

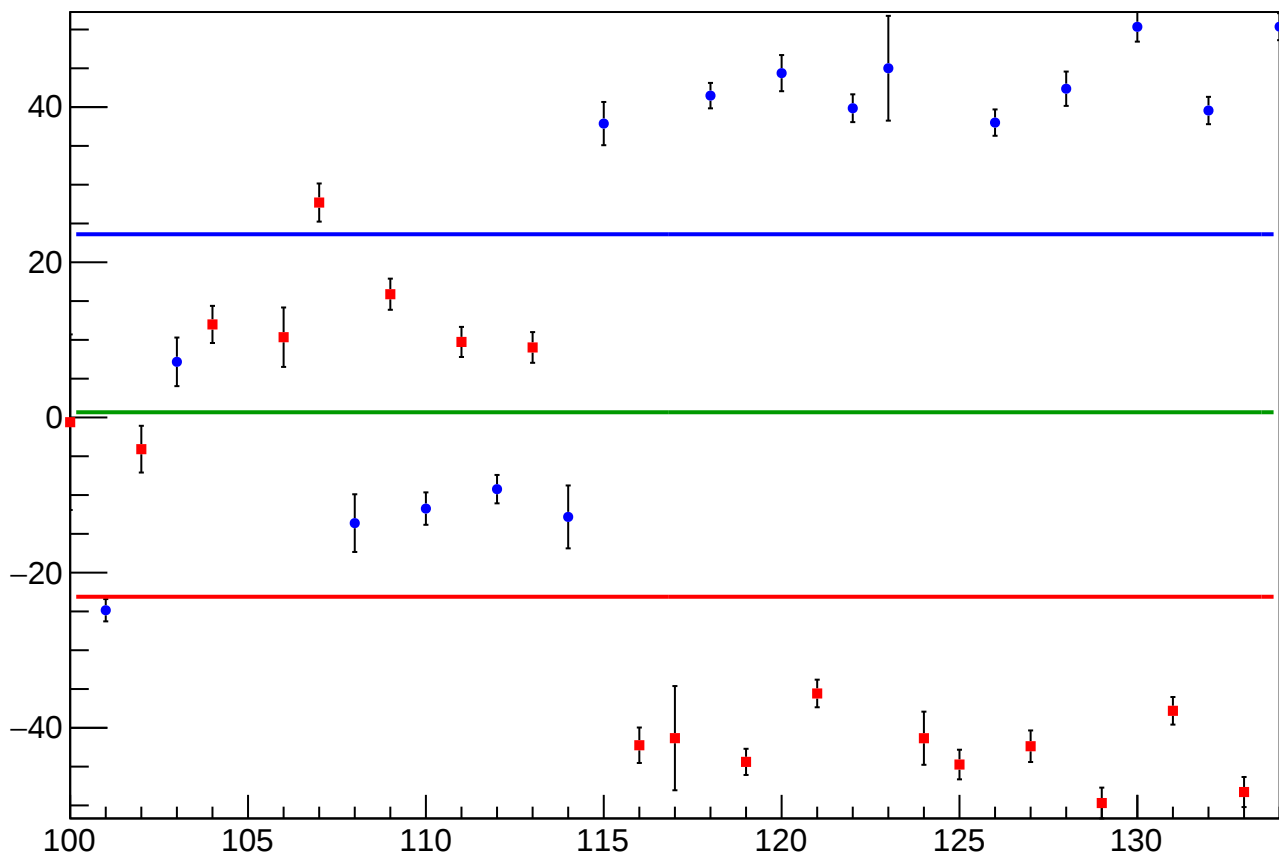
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-62.440±/0.841 χ^2/NDF : 367.6/15

3.334±/0.586 χ^2/NDF : 12697.7/33

65.546±/0.818 χ^2/NDF : 422.0/17

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.612+/-0.517 χ^2 /NDF: 2930.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -23.107+/-0.526 χ^2 /NDF: 2638.3/17

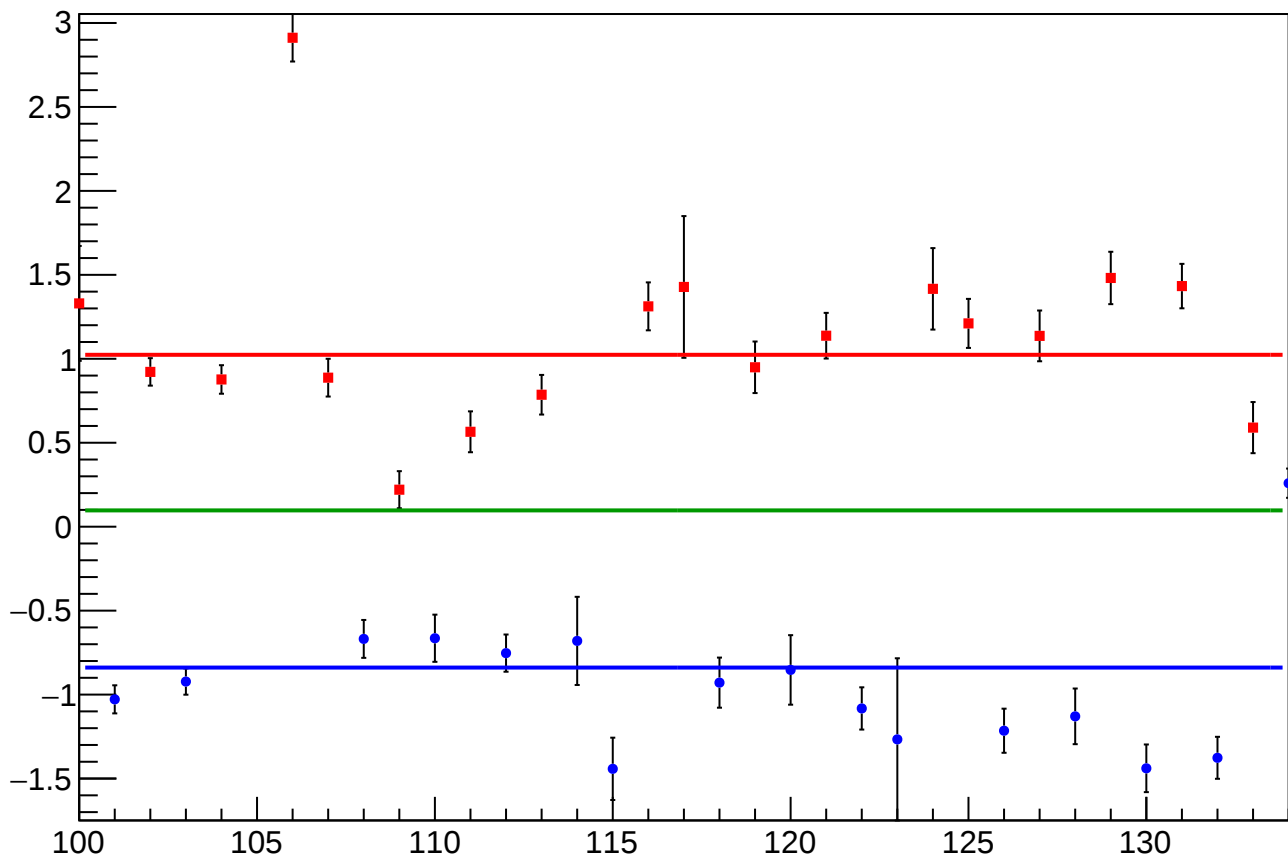
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

23.612+/-0.517 χ^2 /NDF: 2930.7/15

0.670+/-0.369 χ^2 /NDF: 9582.8/33

-23.107+/-0.526 χ^2 /NDF: 2638.3/17

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.839 ± 0.031 χ^2/NDF : 233.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.024 ± 0.031 χ^2/NDF : 293.2/17

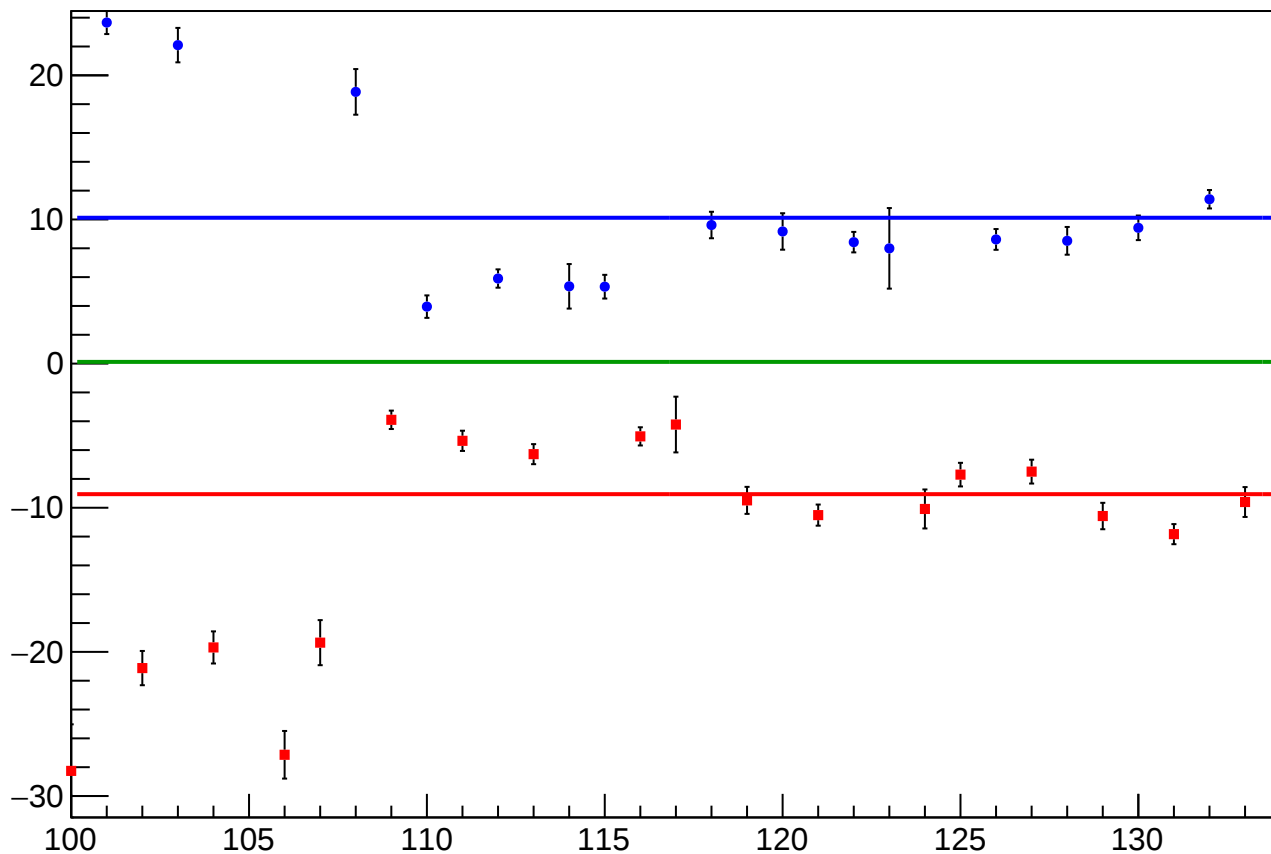
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.839 ± 0.031 χ^2/NDF : 233.1/15

0.097 ± 0.022 χ^2/NDF : 2333.6/33

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: 10.119+/-0.221 χ^2 /NDF: 599.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.058+/-0.211 χ^2 /NDF: 578.1/17

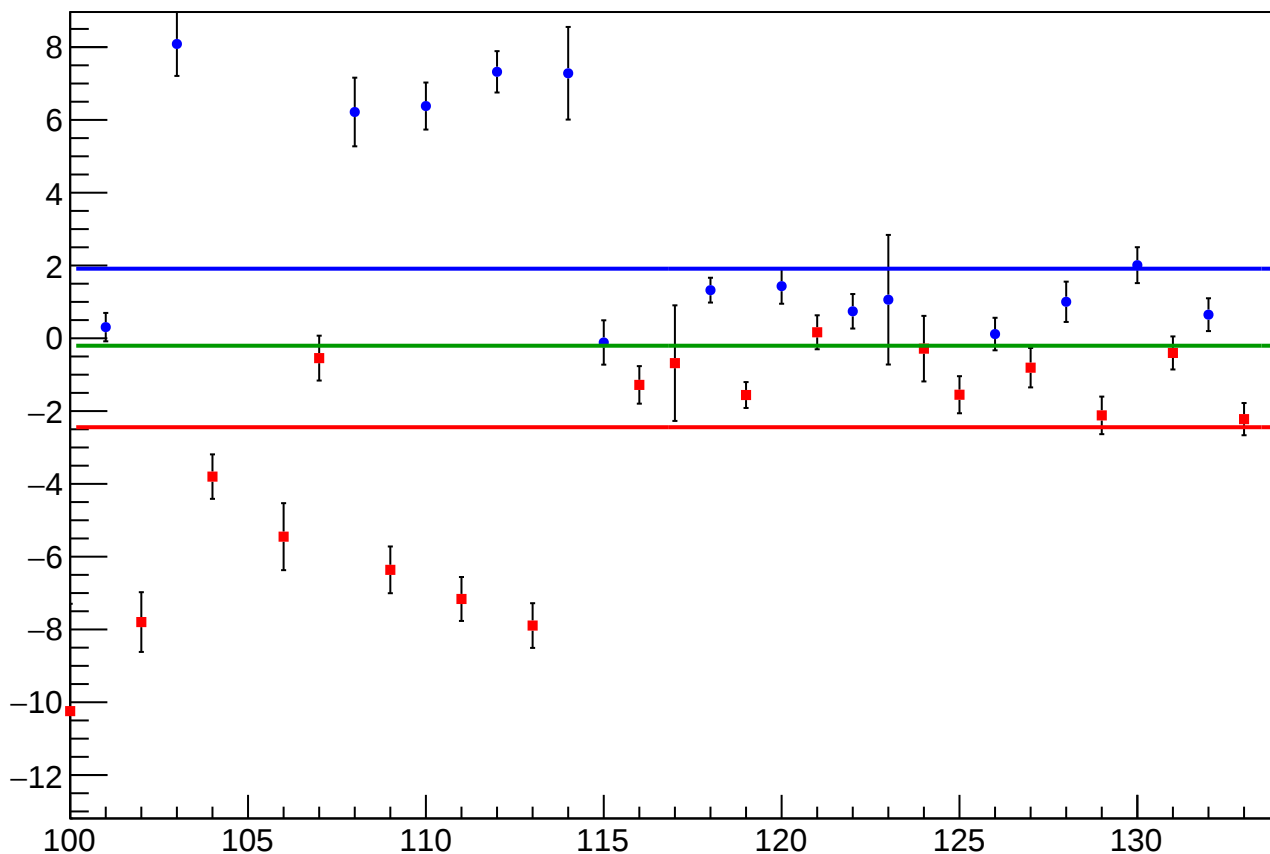
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.119+/-0.221 χ^2 /NDF: 599.8/15

0.119+/-0.153 χ^2 /NDF: 5117.7/33

-9.058+/-0.211 χ^2 /NDF: 578.1/17

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.912 $\pm$ 0.131 χ^2 /NDF: 293.1/15

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

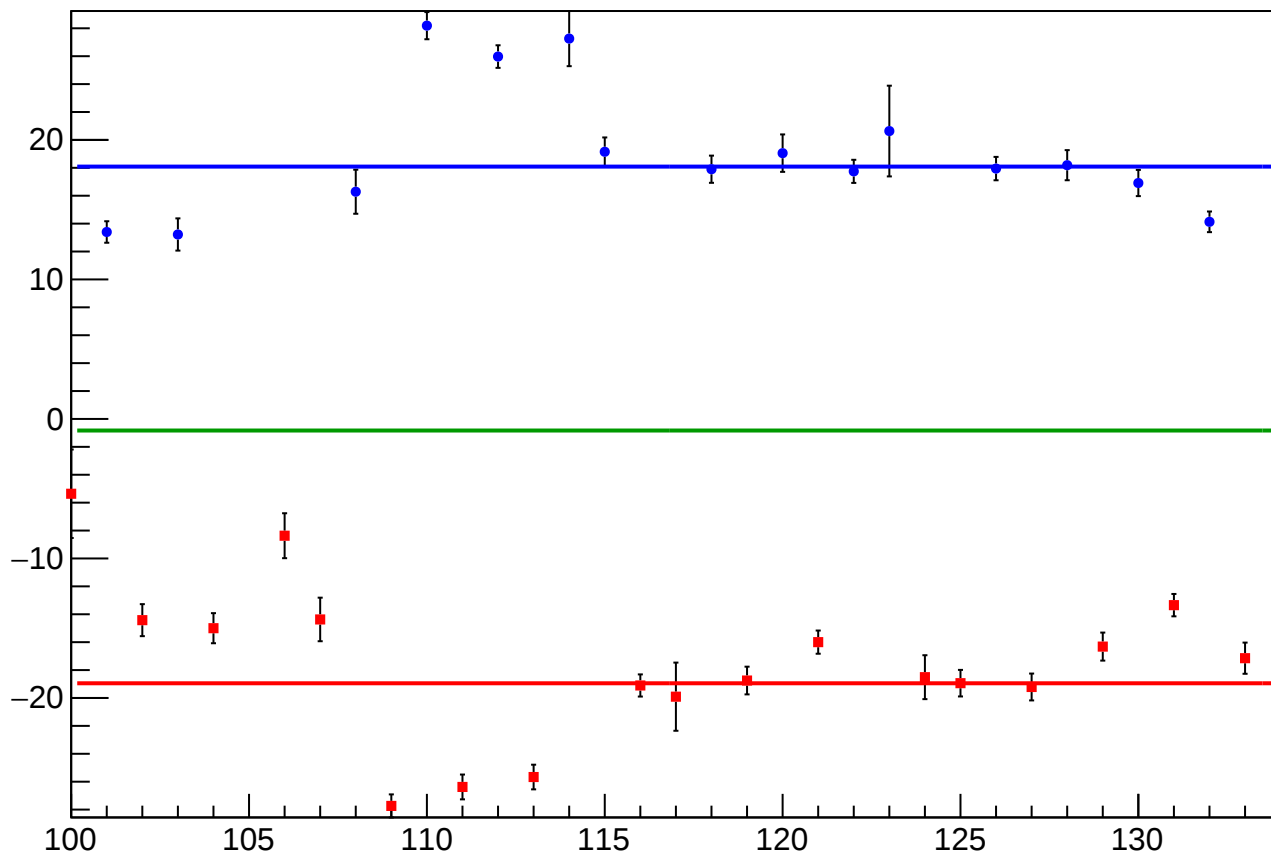
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.912 $\pm$ 0.131 χ^2 /NDF: 293.1/15

-0.204 $\pm$ 0.094 χ^2 /NDF: 1161.4/33

-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: 18.087 ± 0.250 χ^2/NDF : 341.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.946 ± 0.245 χ^2/NDF : 410.9/17

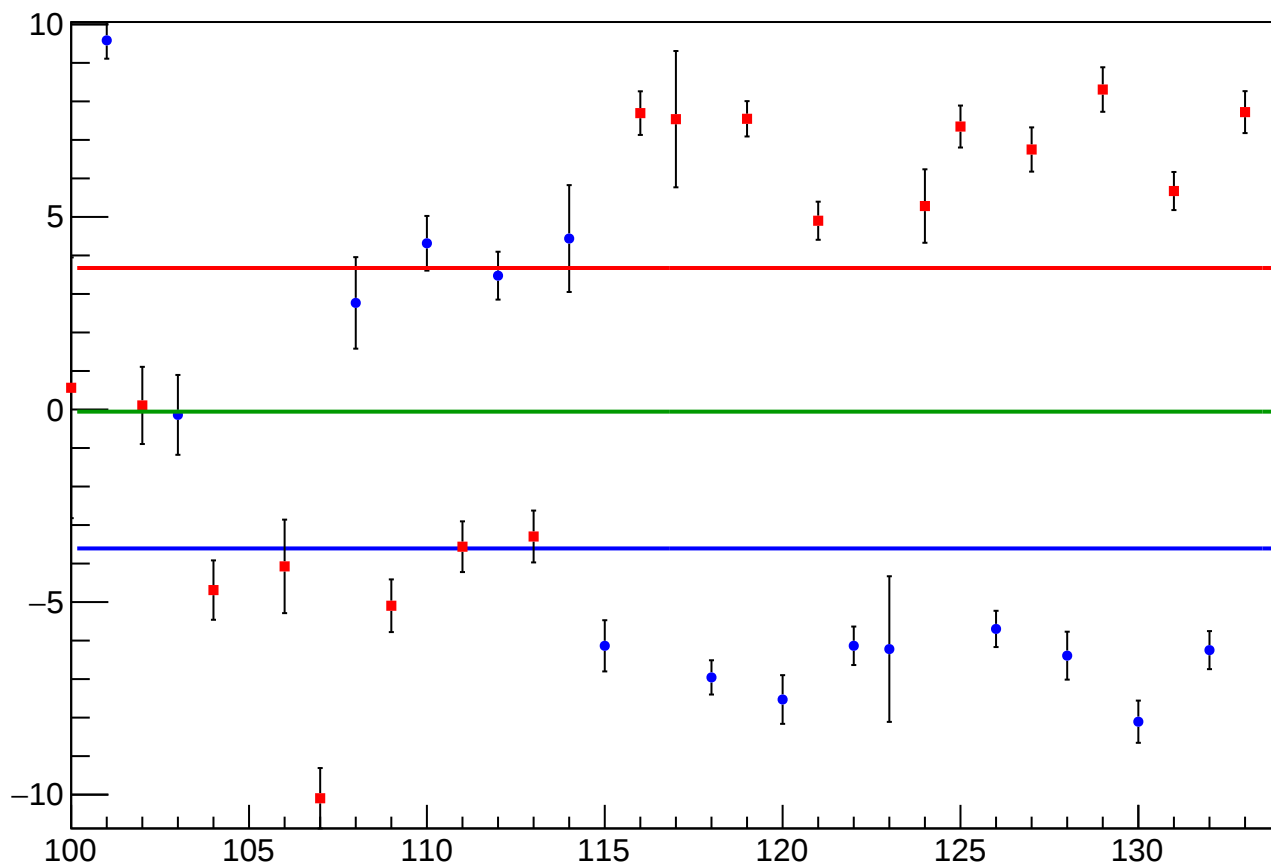
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

18.087 ± 0.250 χ^2/NDF : 341.2/15

-0.830 ± 0.175 χ^2/NDF : 11938.0/33

-18.946 ± 0.245 χ^2/NDF : 410.9/17

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.607 $\pm$ 0.151 χ^2 /NDF: 1448.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.674 $\pm$ 0.154 χ^2 /NDF: 1217.6/17

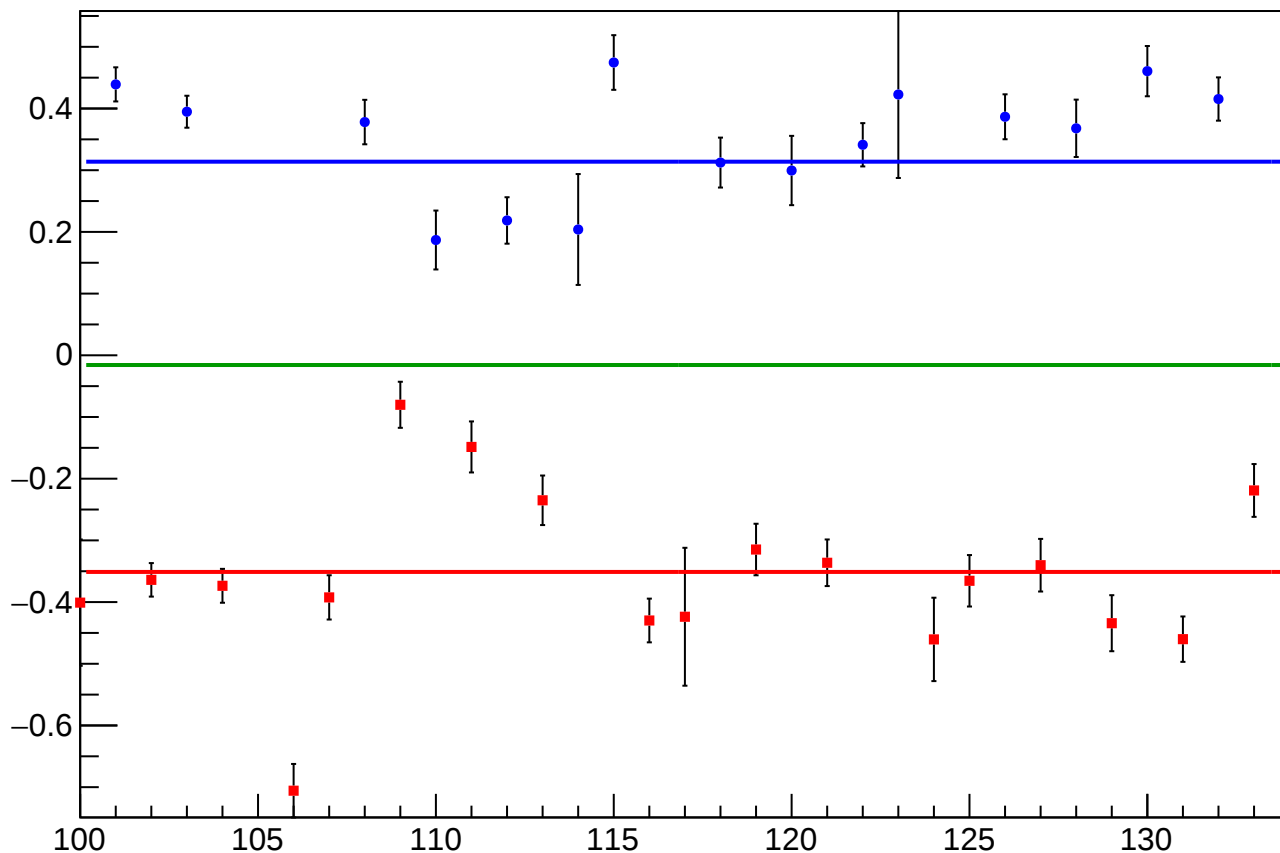
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-3.607 $\pm$ 0.151 χ^2 /NDF: 1448.2/15

-0.055 $\pm$ 0.108 χ^2 /NDF: 3804.8/33

3.674 $\pm$ 0.154 χ^2 /NDF: 1217.6/17

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.314 $\pm$ 0.009 χ^2 /NDF: 269.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.351 $\pm$ 0.009 χ^2 /NDF: 185.0/17

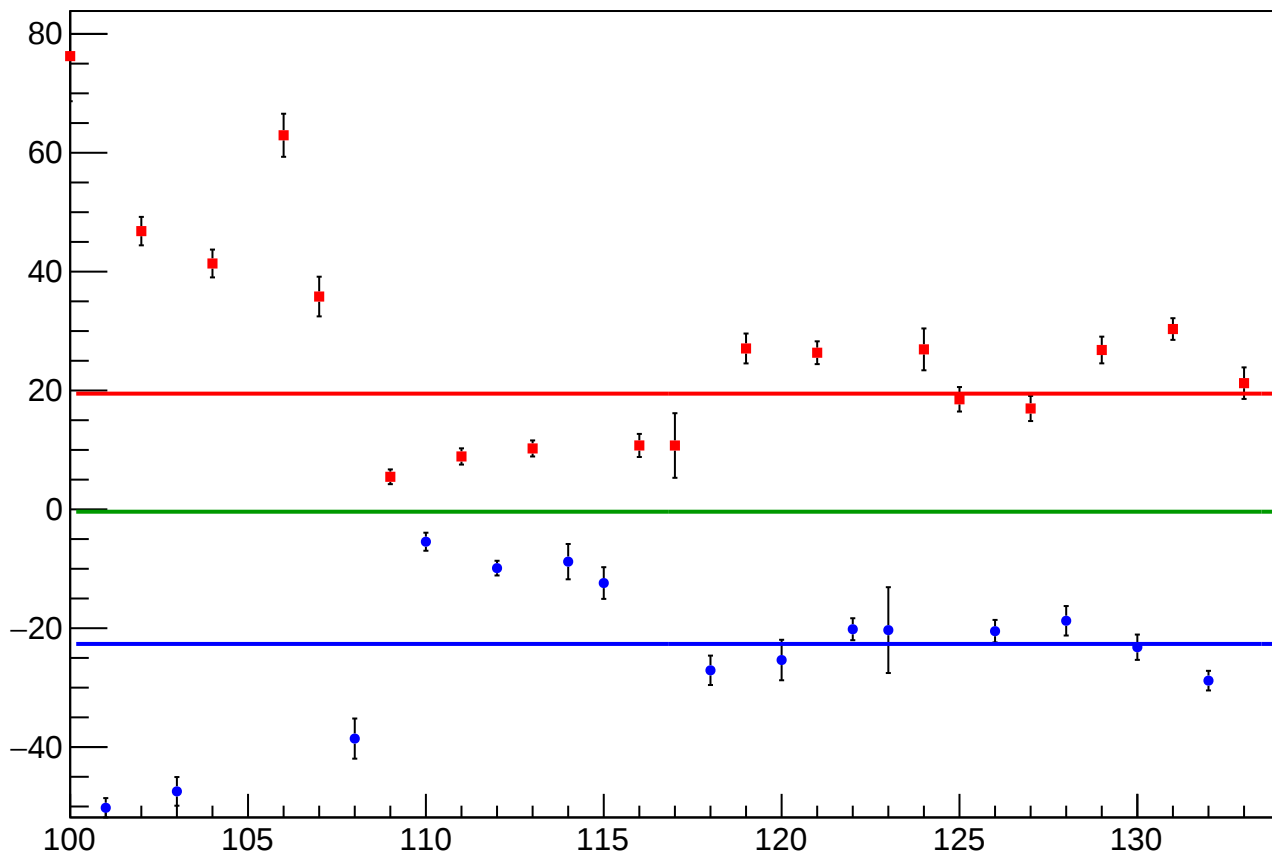
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.314 $\pm$ 0.009 χ^2 /NDF: 269.7/15

-0.016 $\pm$ 0.007 χ^2 /NDF: 2968.4/33

-0.351 $\pm$ 0.009 χ^2 /NDF: 185.0/17

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -22.646+/-0.517 χ^2/NDF : 721.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.471+/-0.489 χ^2/NDF : 773.0/17

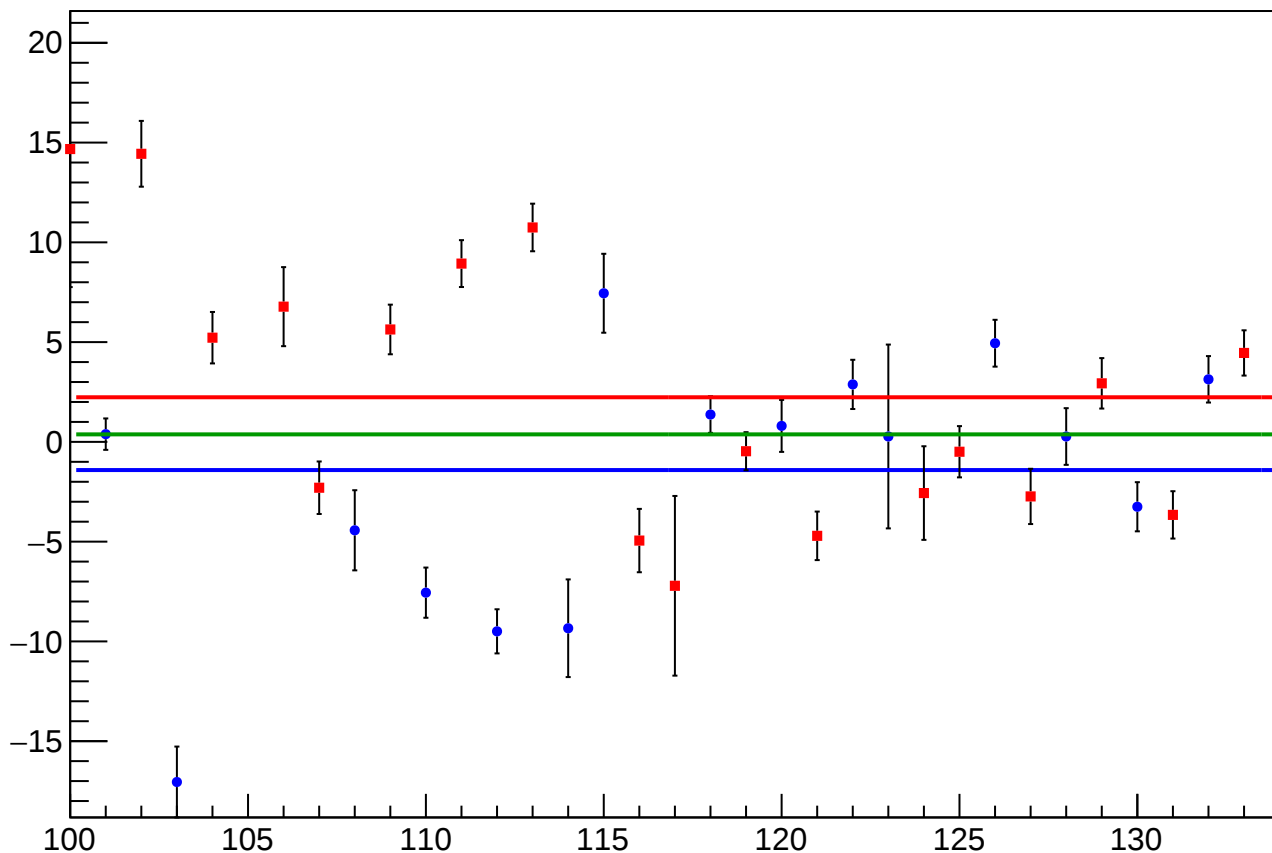
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-22.646+/-0.517 χ^2/NDF : 721.6/15

-0.396+/-0.355 χ^2/NDF : 4994.5/33

19.471+/-0.489 χ^2/NDF : 773.0/17

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.412+/-0.318 χ^2 /NDF: 275.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2.236+/-0.324 χ^2 /NDF: 287.3/17

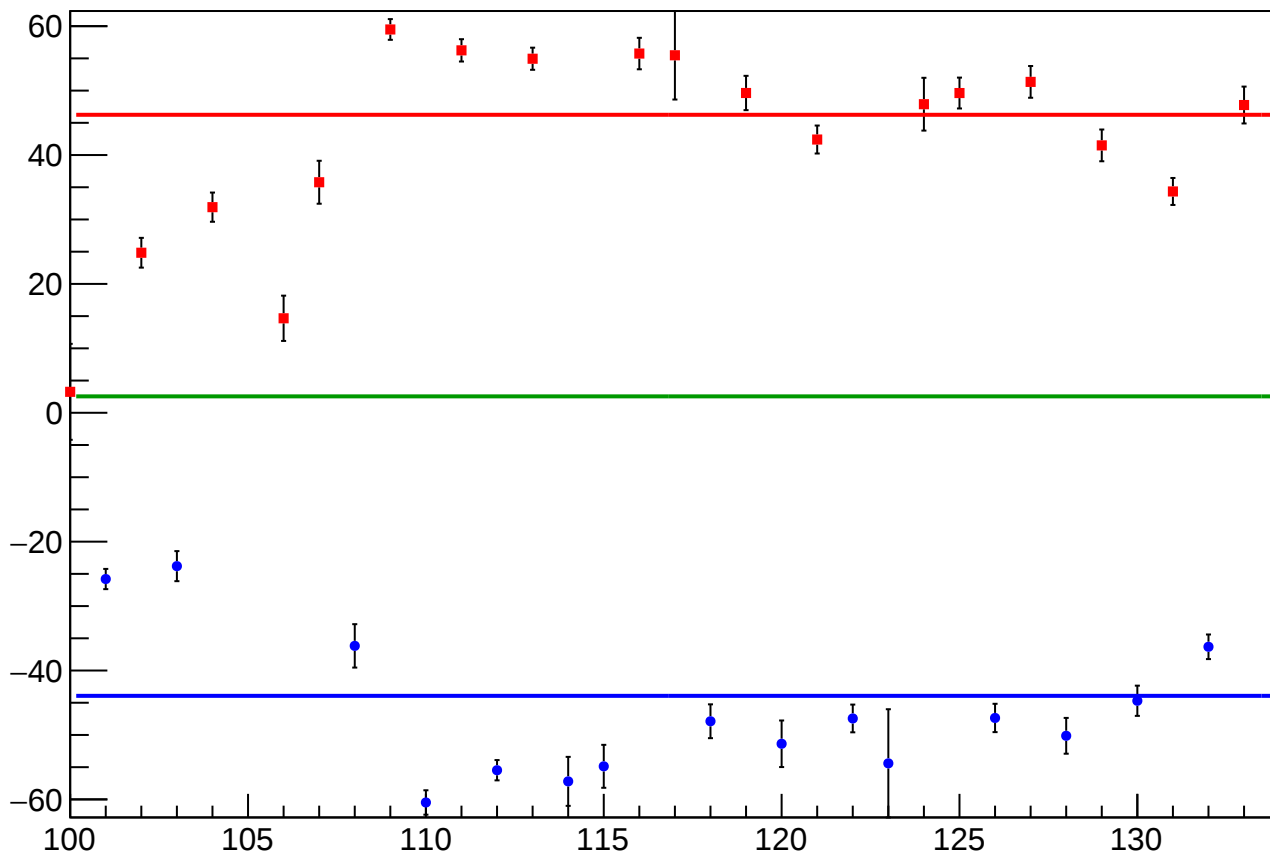
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.412+/-0.318 χ^2 /NDF: 275.3/15

0.376+/-0.227 χ^2 /NDF: 627.3/33

2.236+/-0.324 χ^2 /NDF: 287.3/17

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.930 ± 0.587 χ^2/NDF : 407.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 46.246 ± 0.569 χ^2/NDF : 441.2/17

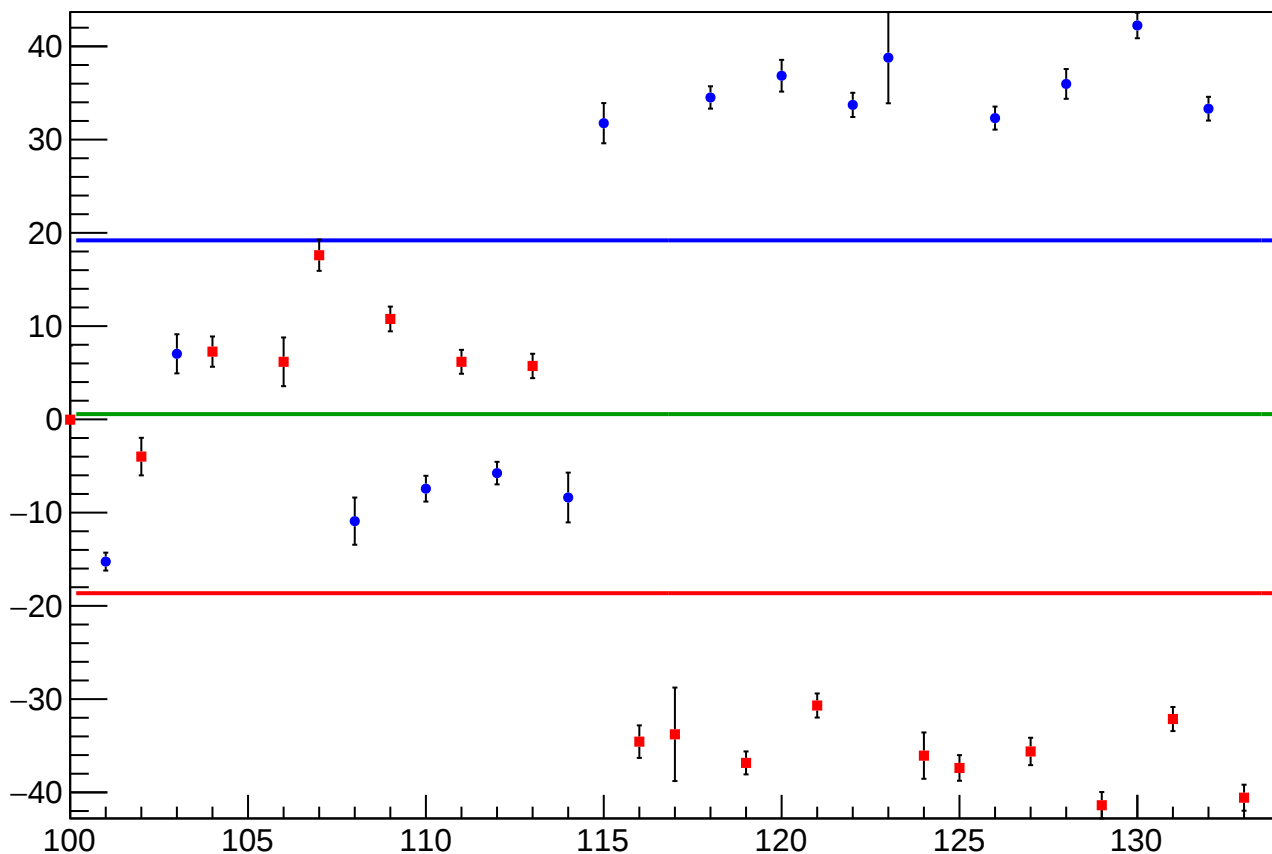
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-43.930 ± 0.587 χ^2/NDF : 407.9/15

2.547 ± 0.409 χ^2/NDF : 13011.8/33

46.246 ± 0.569 χ^2/NDF : 441.2/17

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.194+/-0.364 χ^2 /NDF: 3777.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -18.640+/-0.370 χ^2 /NDF: 3467.3/17

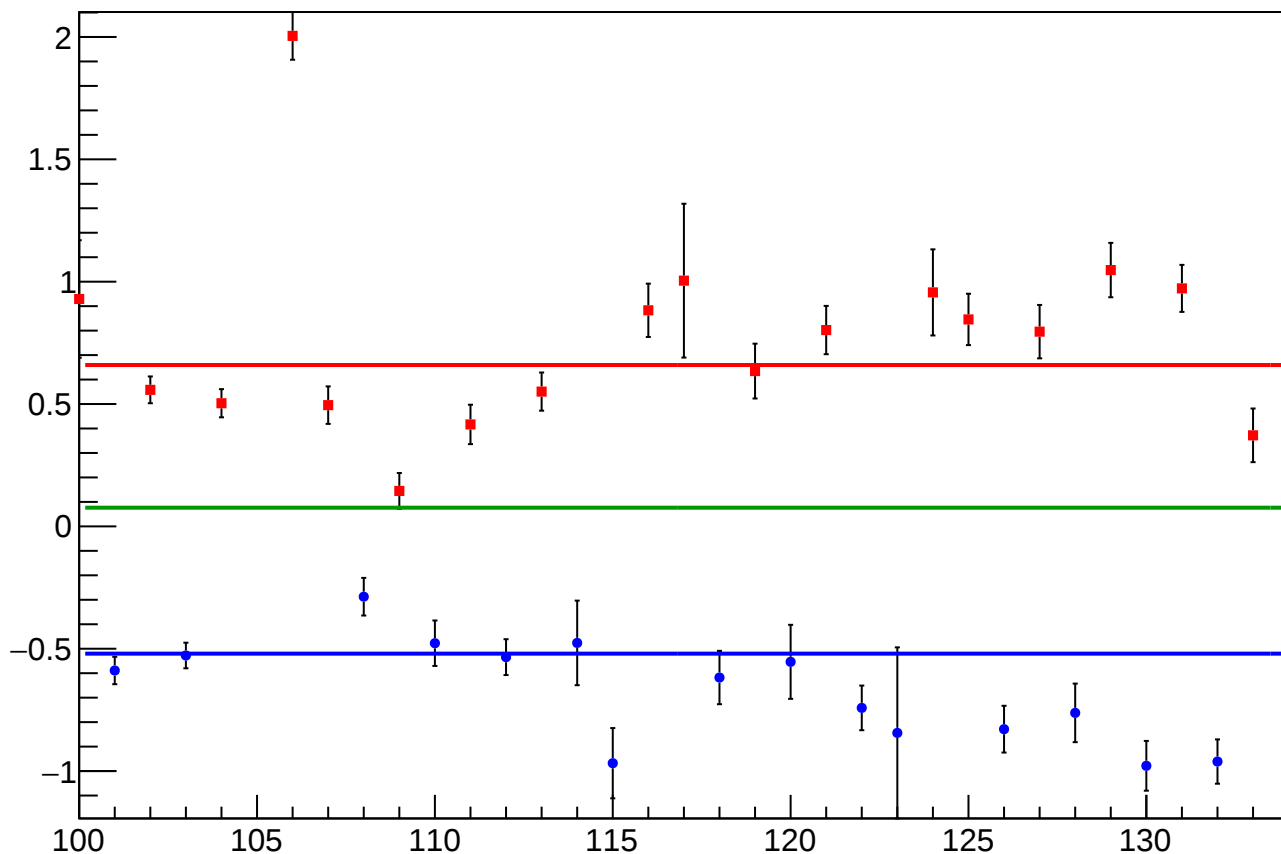
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

19.194+/-0.364 χ^2 /NDF: 3777.4/15

0.563+/-0.260 χ^2 /NDF: 12551.4/33

-18.640+/-0.370 χ^2 /NDF: 3467.3/17

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.520+/-0.022 χ^2 /NDF: 233.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.659+/-0.021 χ^2 /NDF: 312.2/17

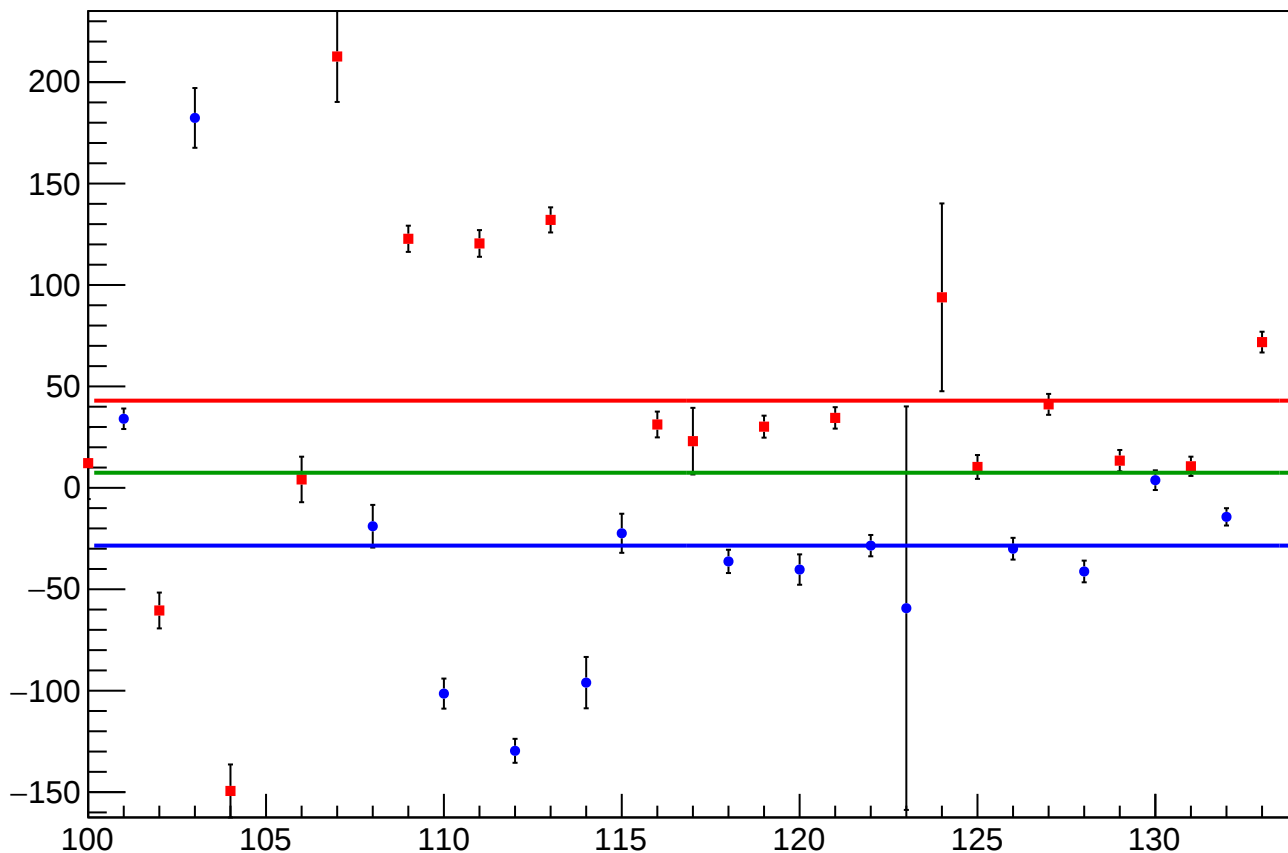
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.520+/-0.022 χ^2 /NDF: 233.5/15

0.076+/-0.015 χ^2 /NDF: 2052.2/33

0.659+/-0.021 χ^2 /NDF: 312.2/17

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -28.471 ± 1.612 χ^2/NDF : 844.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.984 ± 1.603 χ^2/NDF : 1079.9/17

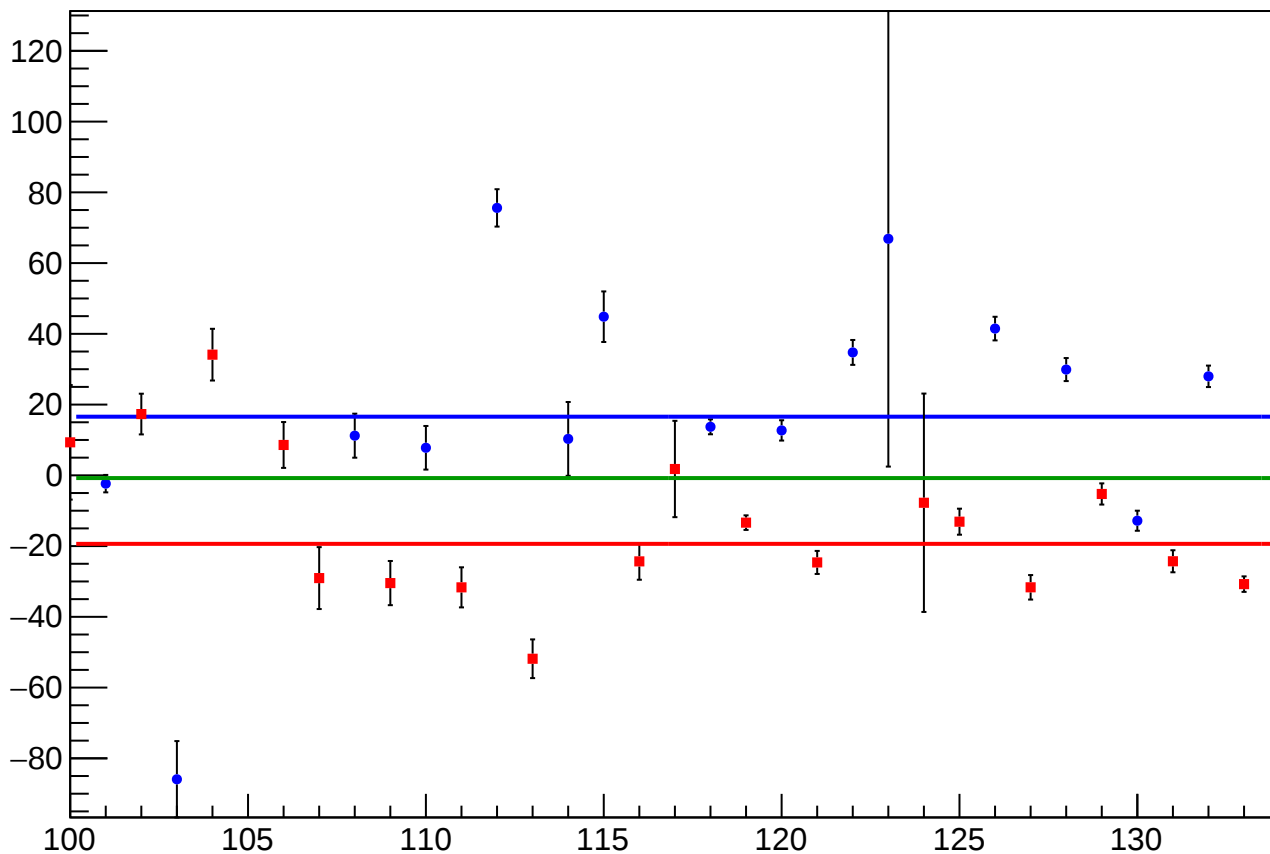
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.471 ± 1.612 χ^2/NDF : 844.2/15

7.449 ± 1.137 χ^2/NDF : 2911.7/33

42.984 ± 1.603 χ^2/NDF : 1079.9/17

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.580 ± 0.908 χ^2/NDF : 518.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.369 ± 0.940 χ^2/NDF : 241.9/17

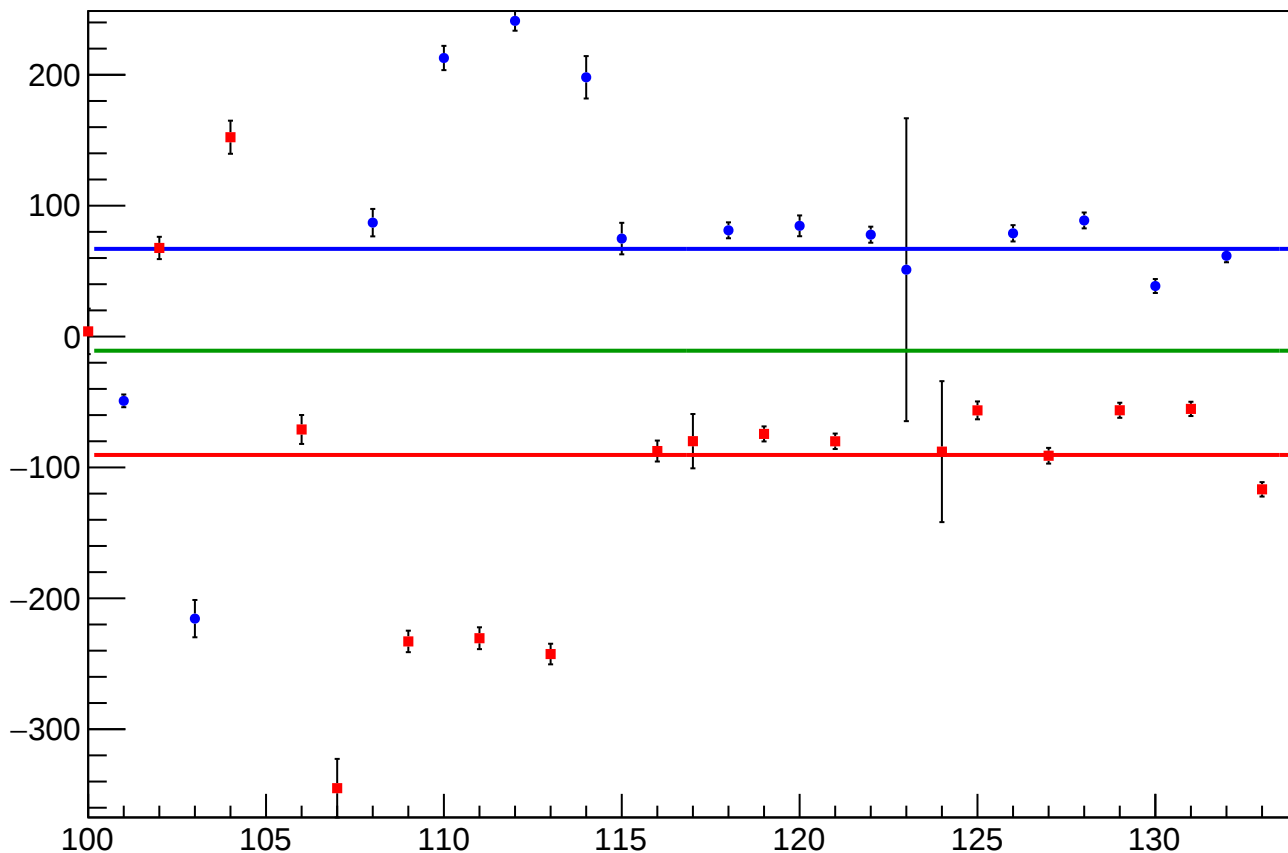
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

16.580 ± 0.908 χ^2/NDF : 518.9/15

-0.772 ± 0.653 χ^2/NDF : 1518.0/33

-19.369 ± 0.940 χ^2/NDF : 241.9/17

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.998 $\pm$ 1.799 χ^2 /NDF: 1877.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.459 $\pm$ 1.820 χ^2 /NDF: 1966.8/17

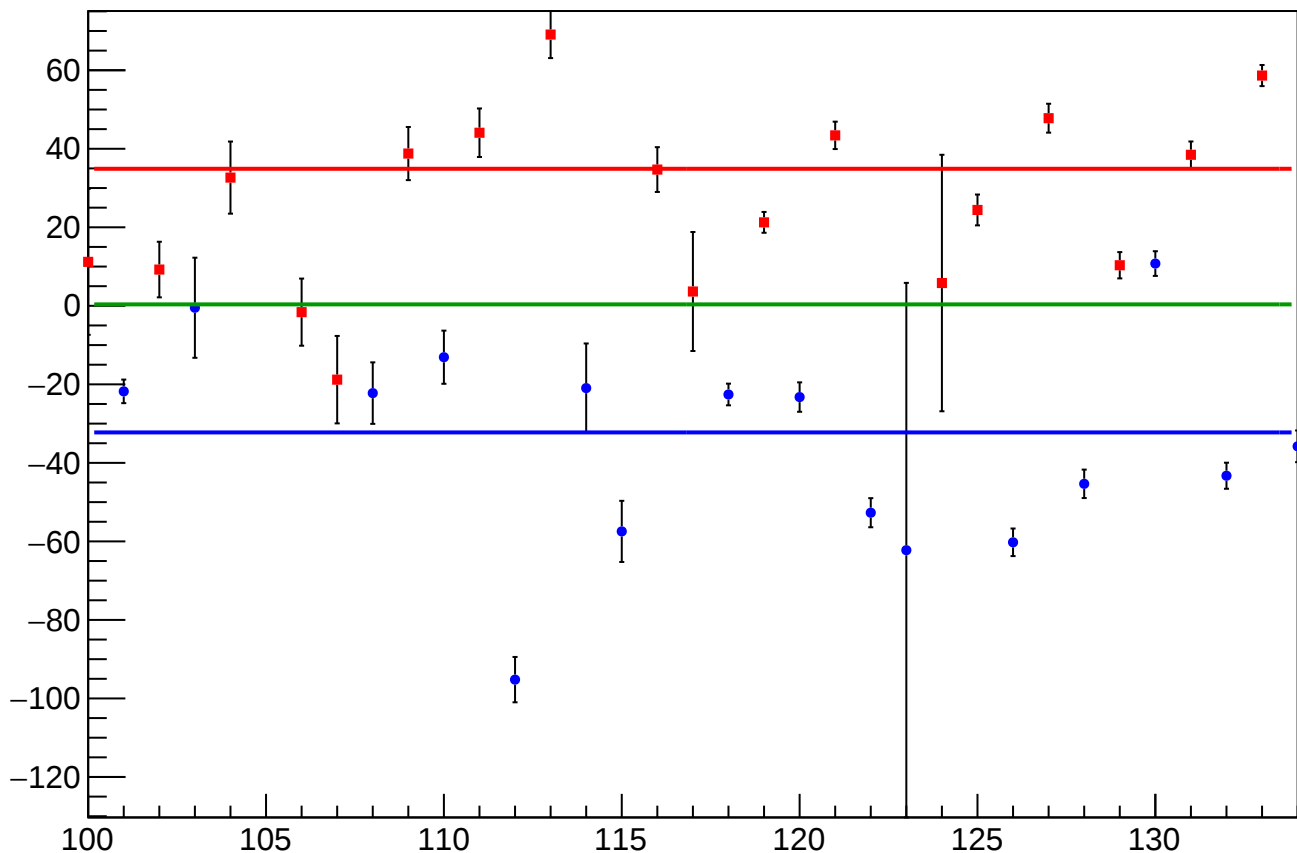
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

66.998 $\pm$ 1.799 χ^2 /NDF: 1877.1/15

-10.814 $\pm$ 1.280 χ^2 /NDF: 7627.9/33

-90.459 $\pm$ 1.820 χ^2 /NDF: 1966.8/17

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.244 ± 1.057 χ^2/NDF : 482.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.905 ± 1.087 χ^2/NDF : 281.1/17

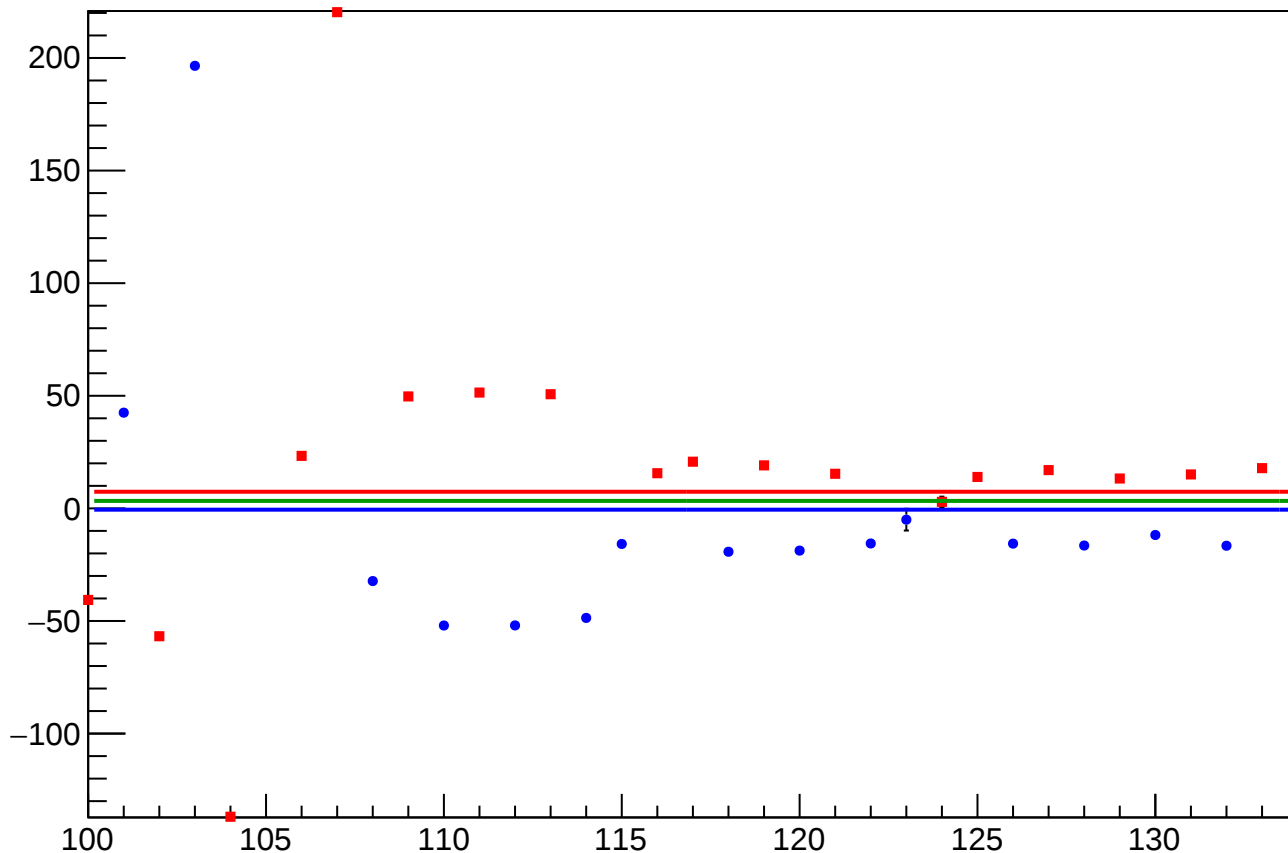
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.244 ± 1.057 χ^2/NDF : 482.4/15

0.366 ± 0.758 χ^2/NDF : 2724.7/33

34.905 ± 1.087 χ^2/NDF : 281.1/17

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.577+/-0.070 χ^2/NDF : 530139.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.390+/-0.072 χ^2/NDF : 533840.0/17

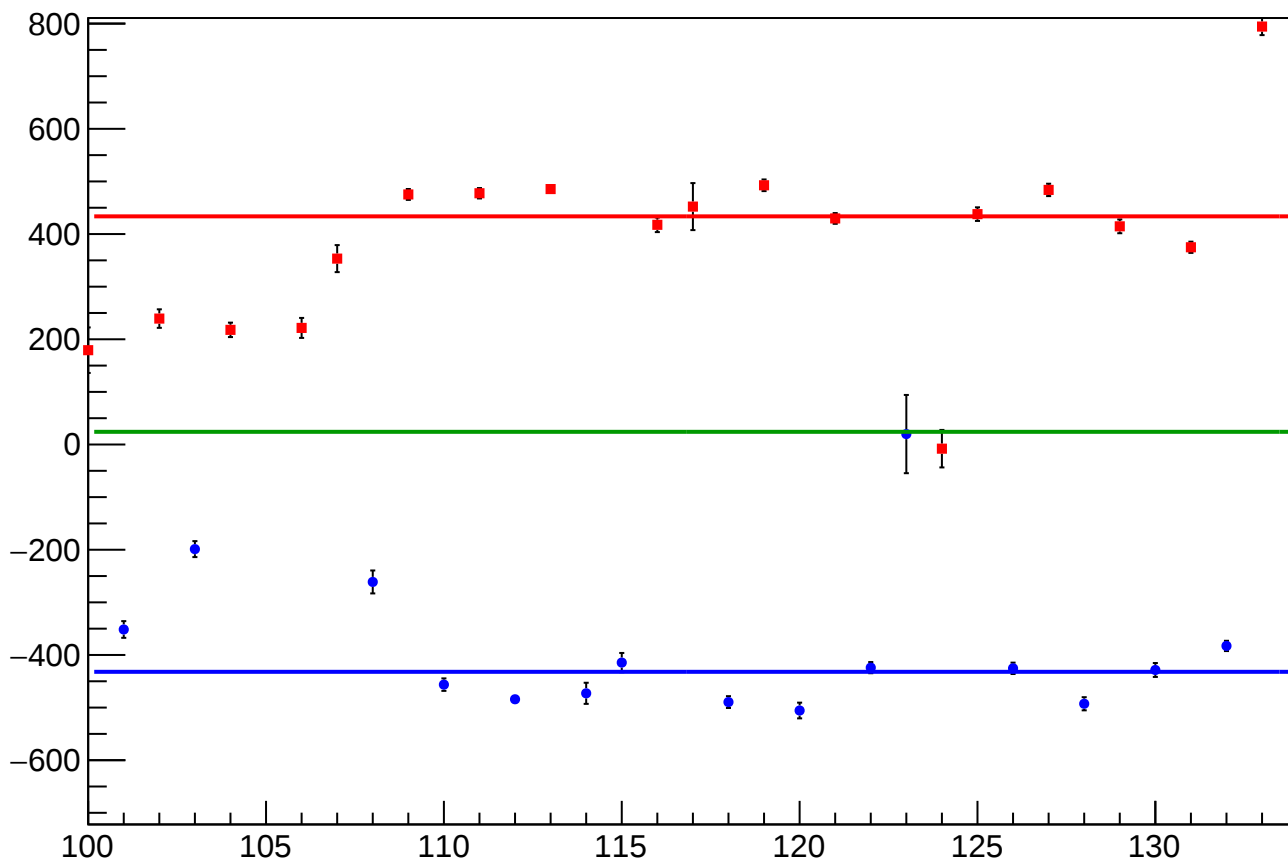
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.577+/-0.070 χ^2/NDF : 530139.6/15

3.320+/-0.050 χ^2/NDF : 1070285.4/33

7.390+/-0.072 χ^2/NDF : 533840.0/17

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -432.021 ± 3.323 χ^2/NDF : 592.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 433.634 ± 3.149 χ^2/NDF : 1334.1/17

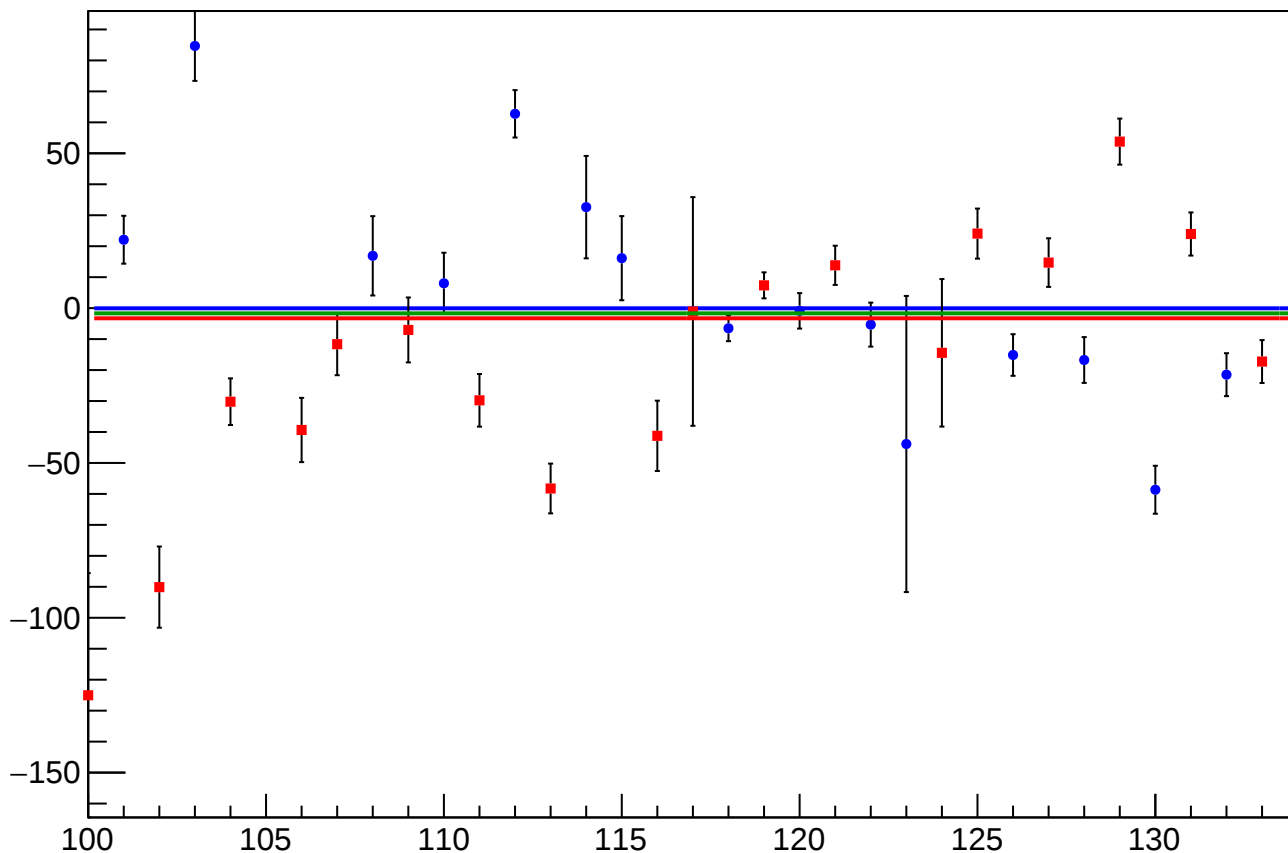
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-432.021 ± 3.323 χ^2/NDF : 592.6/15

24.122 ± 2.286 χ^2/NDF : 37677.0/33

433.634 ± 3.149 χ^2/NDF : 1334.1/17

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.058 ± 1.962 $\chi^2/\text{NDF}: 221.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.284 ± 1.944 $\chi^2/\text{NDF}: 255.5/17$

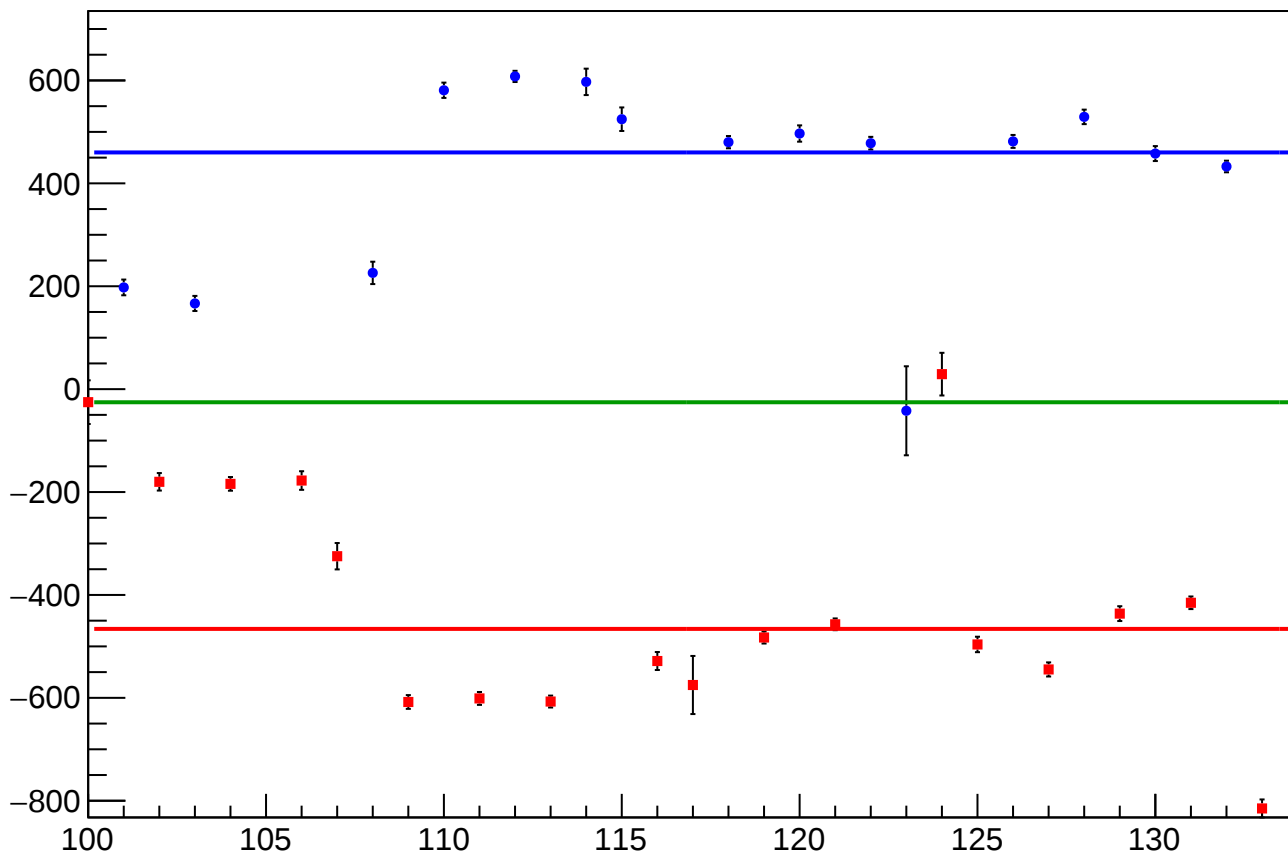
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.058 ± 1.962 $\chi^2/\text{NDF}: 221.4/15$

-1.686 ± 1.381 $\chi^2/\text{NDF}: 478.3/33$

-3.284 ± 1.944 $\chi^2/\text{NDF}: 255.5/17$

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 460.078+/-3.776 χ^2/NDF : 1237.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.994+/-3.597 χ^2/NDF : 2120.9/17

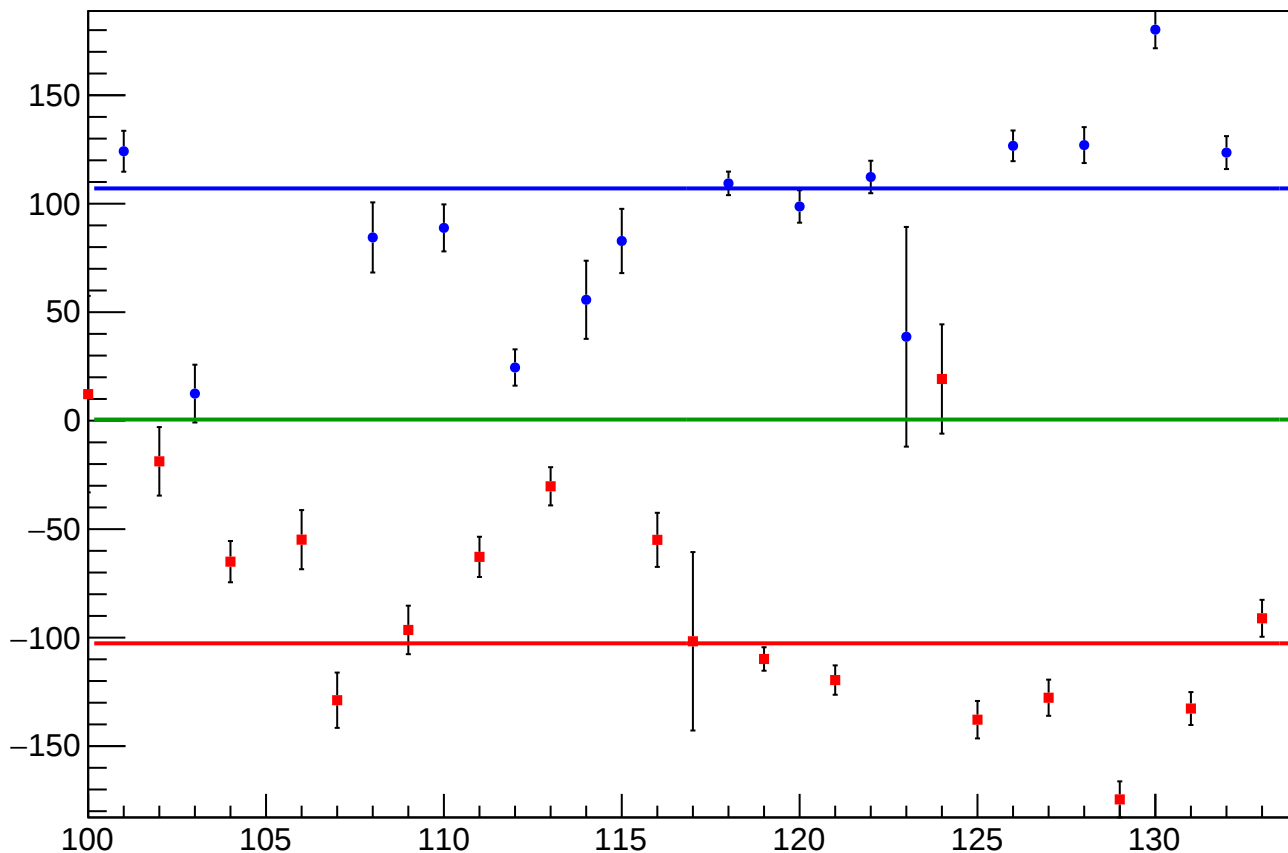
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

460.078+/-3.776 χ^2/NDF : 1237.2/15

-25.482+/-2.605 χ^2/NDF : 34887.4/33

-465.994+/-3.597 χ^2/NDF : 2120.9/17

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.042 $\pm$ 2.286 χ^2/NDF : 262.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -102.632 $\pm$ 2.250 χ^2/NDF : 317.2/17

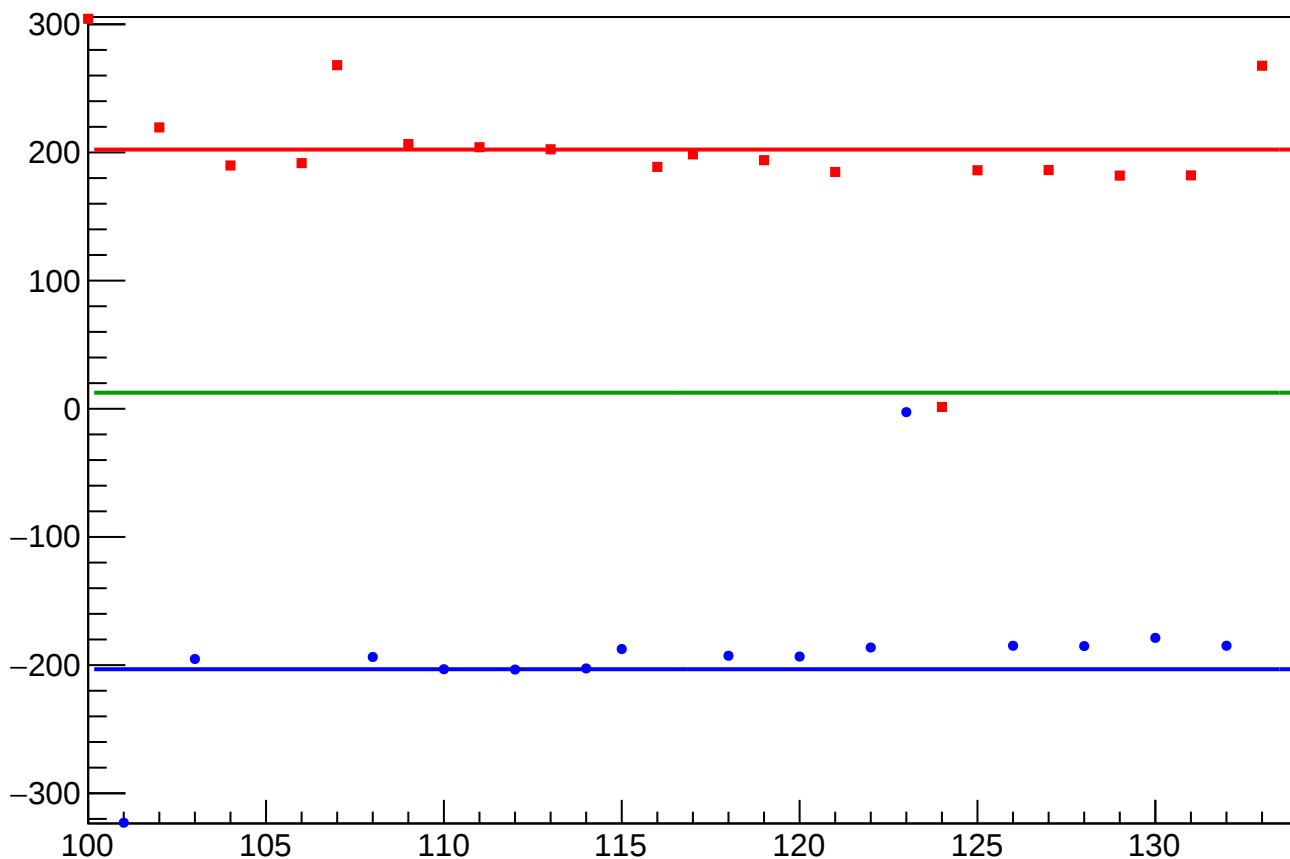
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

107.042 $\pm$ 2.286 χ^2/NDF : 262.3/15

0.523 $\pm$ 1.603 χ^2/NDF : 4853.2/33

-102.632 $\pm$ 2.250 χ^2/NDF : 317.2/17

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -203.207+/-0.145 χ^2 /NDF: 67168.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 202.244+/-0.136 χ^2 /NDF: 49217.7/17

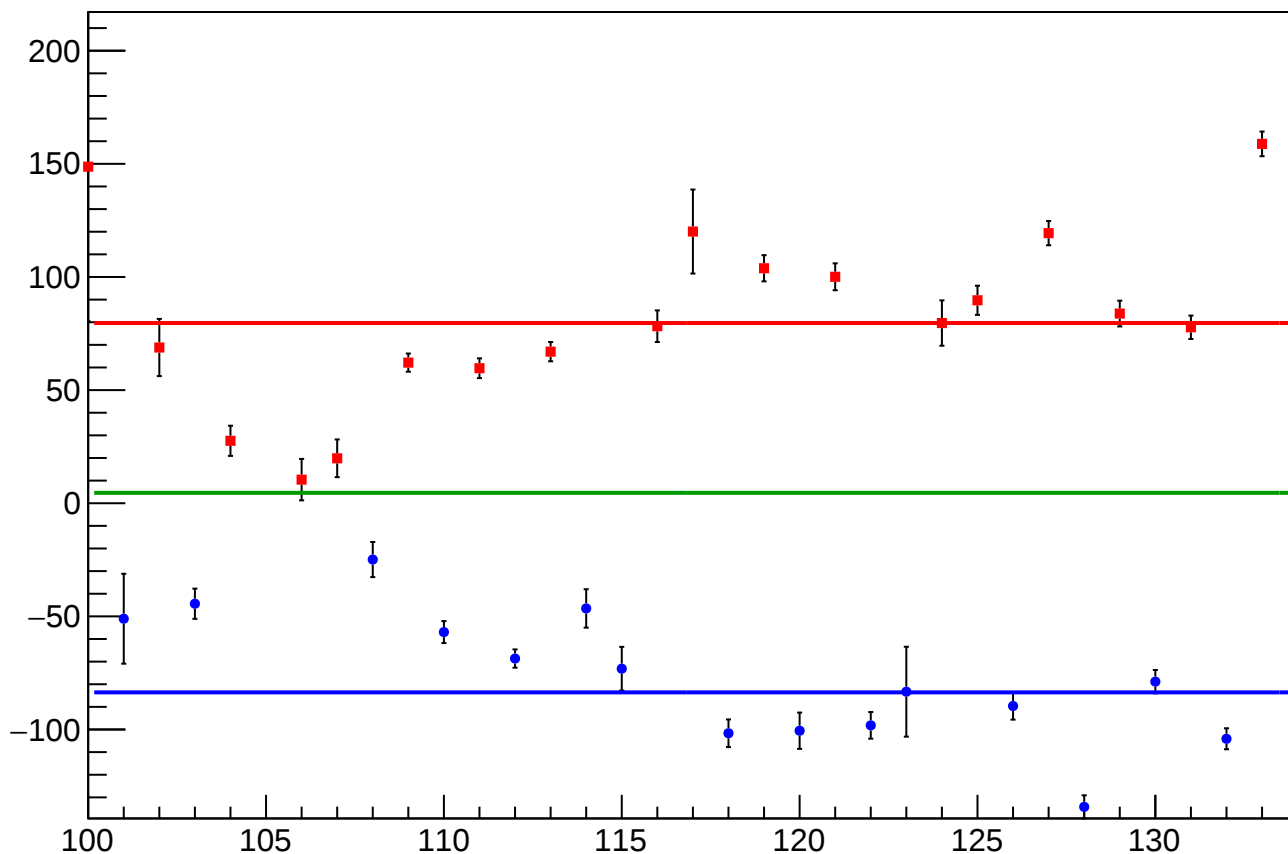
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-203.207+/-0.145 χ^2 /NDF: 67168.7/15

12.545+/-0.099 χ^2 /NDF: 4263962.1/33

202.244+/-0.136 χ^2 /NDF: 49217.7/17

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -83.597 $\pm$ 1.569 χ^2 /NDF: 322.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.654 $\pm$ 1.448 χ^2 /NDF: 523.6/17

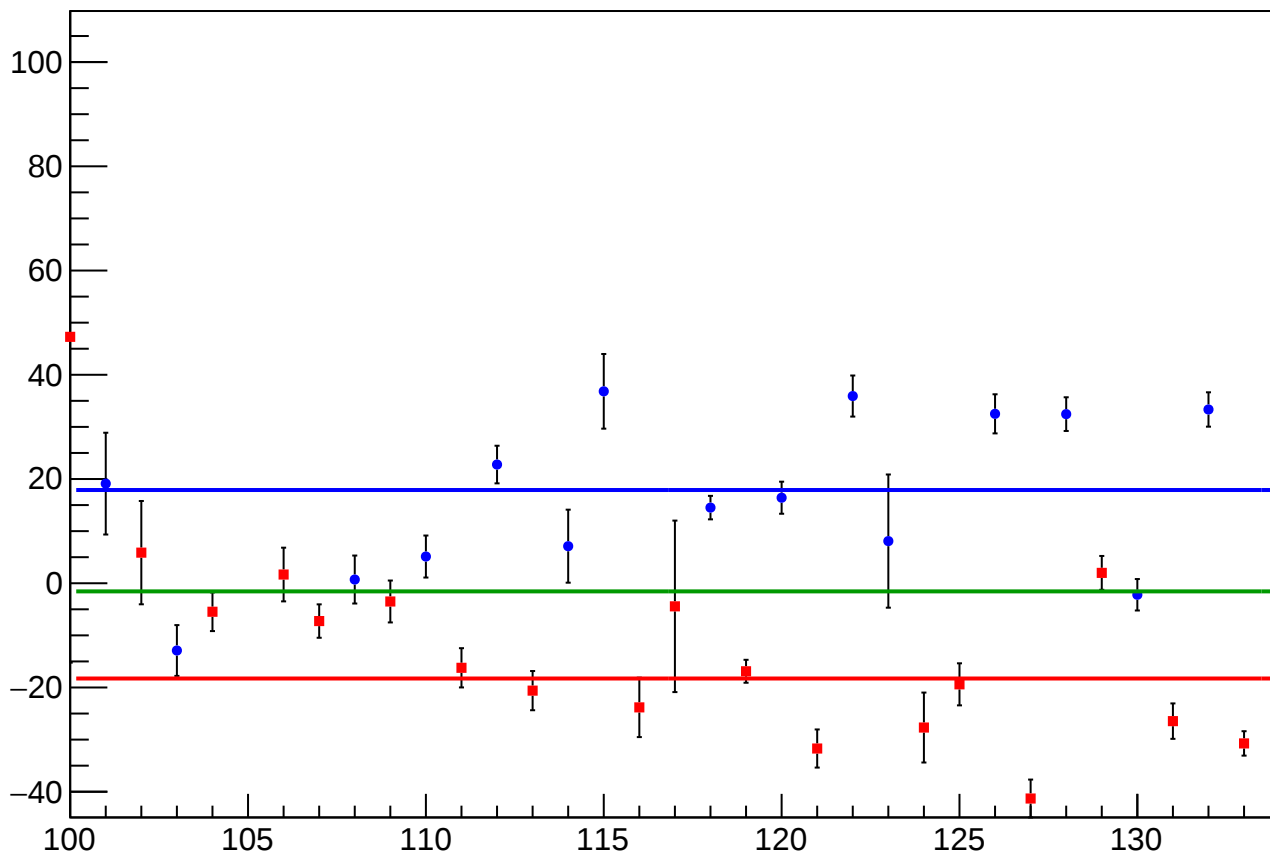
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-83.597 $\pm$ 1.569 χ^2 /NDF: 322.7/15

4.594 $\pm$ 1.064 χ^2 /NDF: 6692.9/33

79.654 $\pm$ 1.448 χ^2 /NDF: 523.6/17

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.890 $\pm$ 0.961 χ^2/NDF : 203.8/15

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

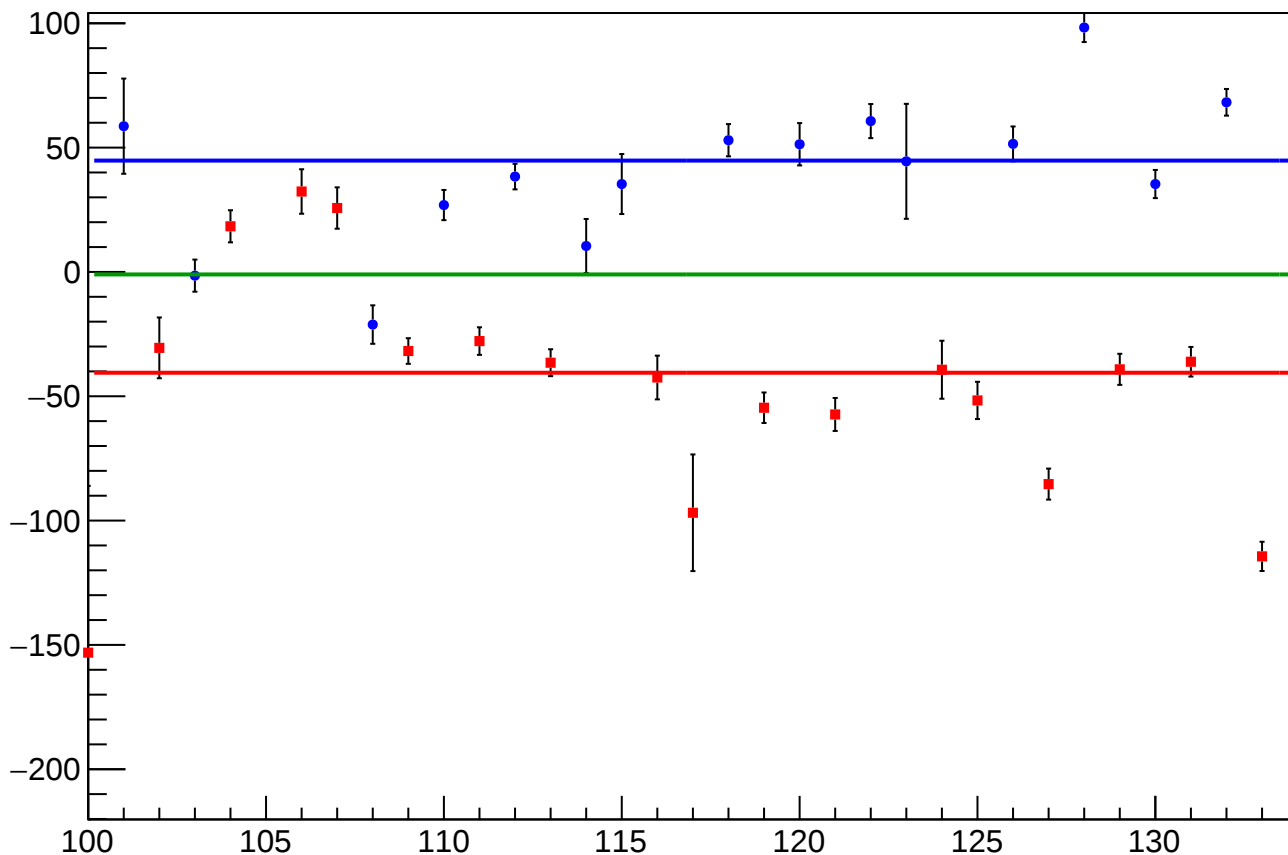
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.890 $\pm$ 0.961 χ^2/NDF : 203.8/15

-1.560 $\pm$ 0.653 χ^2/NDF : 1156.1/33

-18.277 $\pm$ 0.891 χ^2/NDF : 190.7/17

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.782+/-1.794 χ^2 /NDF: 275.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -40.536+/-1.667 χ^2 /NDF: 455.1/17

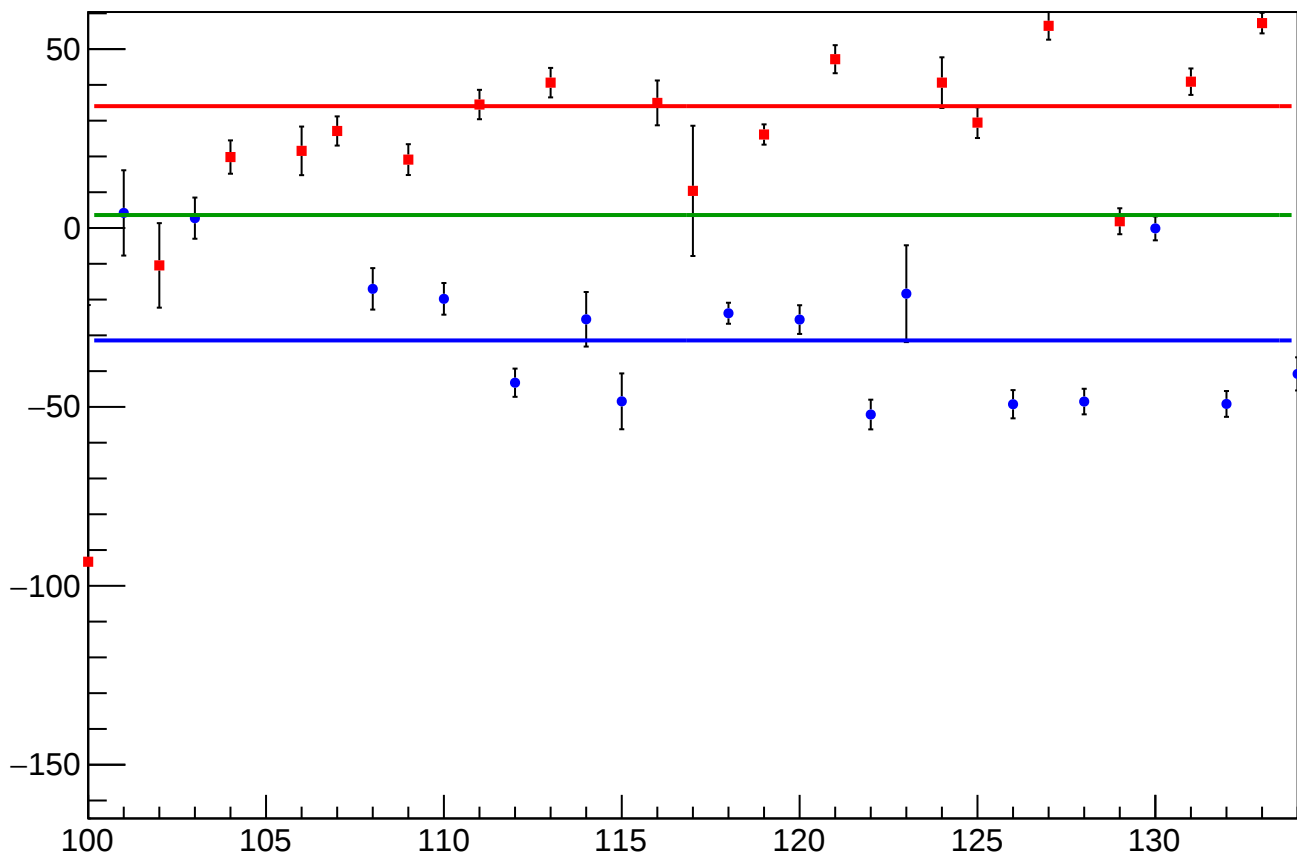
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

44.782+/-1.794 χ^2 /NDF: 275.2/15

-1.008+/-1.221 χ^2 /NDF: 1944.2/33

-40.536+/-1.667 χ^2 /NDF: 455.1/17

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.420 $\pm$ 1.109 χ^2 /NDF: 265.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.055 $\pm$ 1.033 χ^2 /NDF: 251.4/17

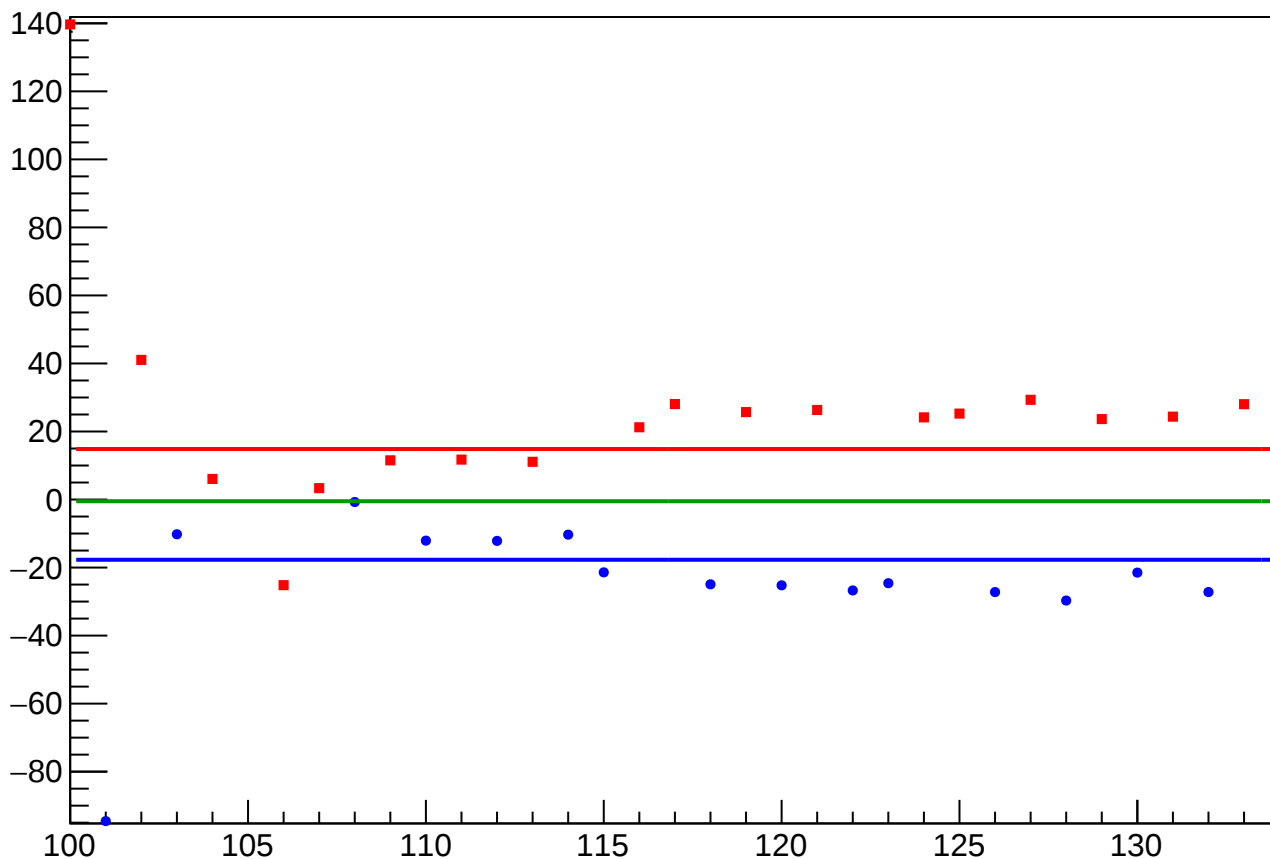
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-31.420 $\pm$ 1.109 χ^2 /NDF: 265.5/15

3.628 $\pm$ 0.756 χ^2 /NDF: 2382.6/33

34.055 $\pm$ 1.033 χ^2 /NDF: 251.4/17

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.709 $\pm$ 0.067 χ^2 /NDF: 34329.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.846 $\pm$ 0.063 χ^2 /NDF: 60377.7/17

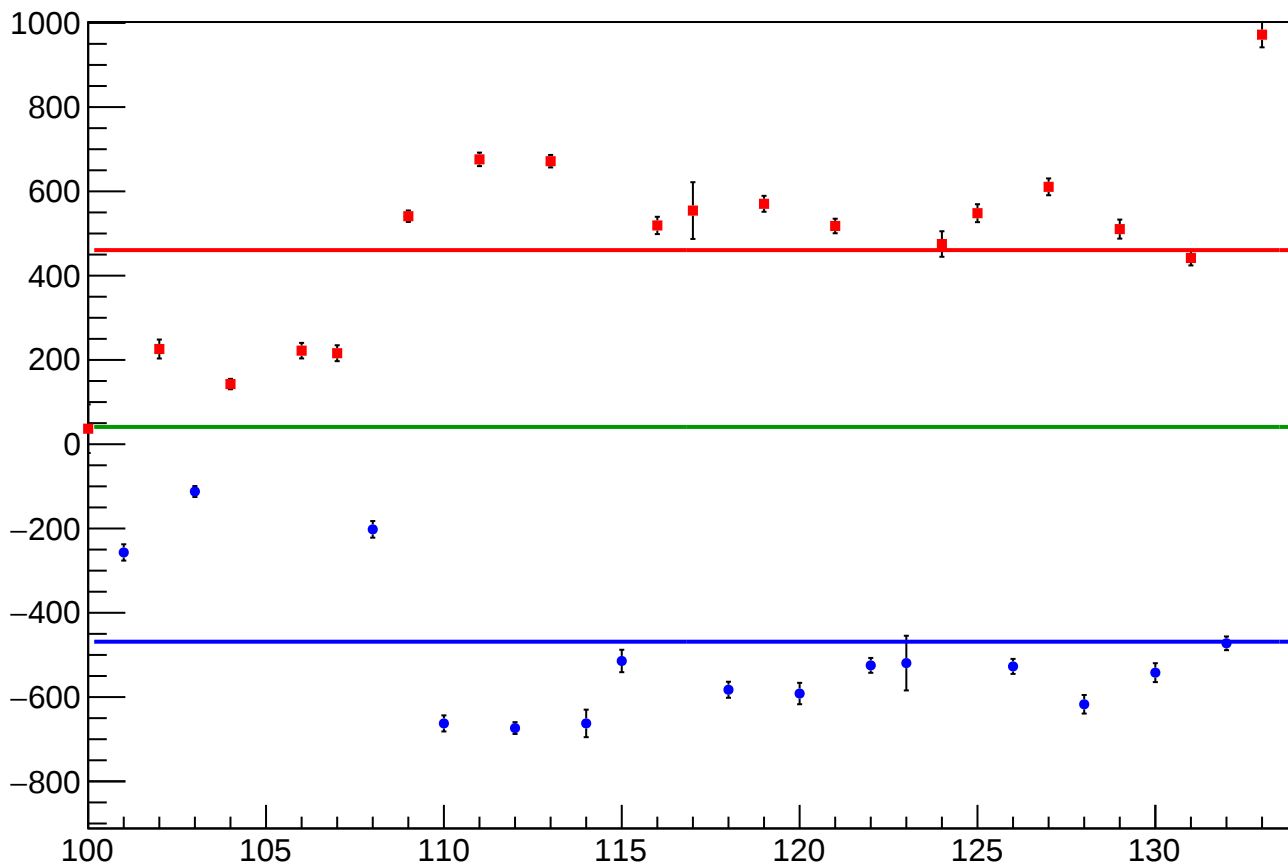
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.709 $\pm$ 0.067 χ^2 /NDF: 34329.8/15

-0.502 $\pm$ 0.046 χ^2 /NDF: 221367.9/33

14.846 $\pm$ 0.063 χ^2 /NDF: 60377.7/17

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -468.599+/-4.965 χ^2 /NDF: 1615.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 460.600+/-4.505 χ^2 /NDF: 2007.8/17

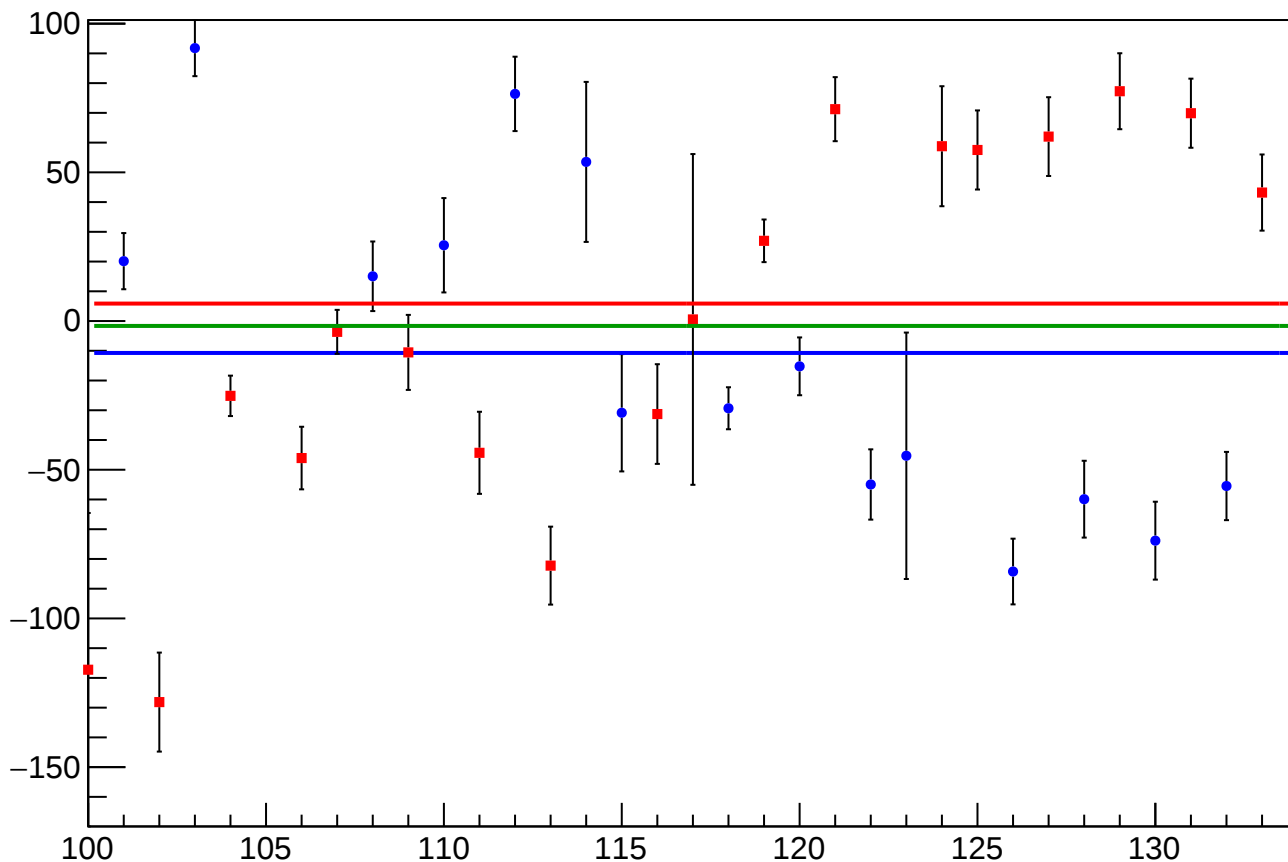
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-468.599+/-4.965 χ^2 /NDF: 1615.2/15

41.033+/-3.337 χ^2 /NDF: 22830.6/33

460.600+/-4.505 χ^2 /NDF: 2007.8/17

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.729 ± 2.984 χ^2/NDF : 314.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.873 ± 2.714 χ^2/NDF : 337.7/17

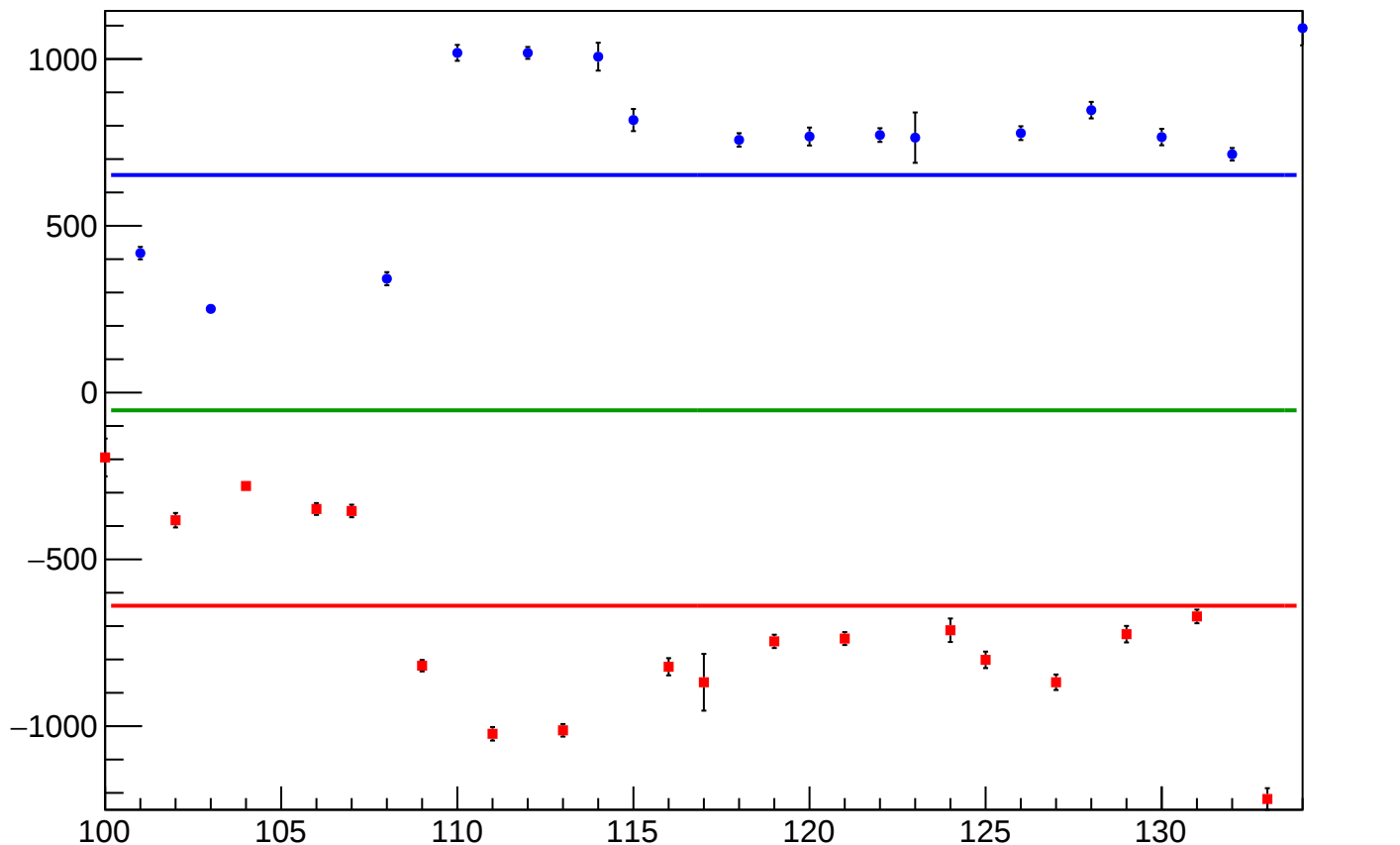
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.729 ± 2.984 χ^2/NDF : 314.6/15

-1.643 ± 2.008 χ^2/NDF : 669.3/33

5.873 ± 2.714 χ^2/NDF : 337.7/17

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 652.258 +/- 5.476 χ^2/NDF : 2463.9/15

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -638.949 +/- 4.991 χ^2/NDF : 3053.0/17

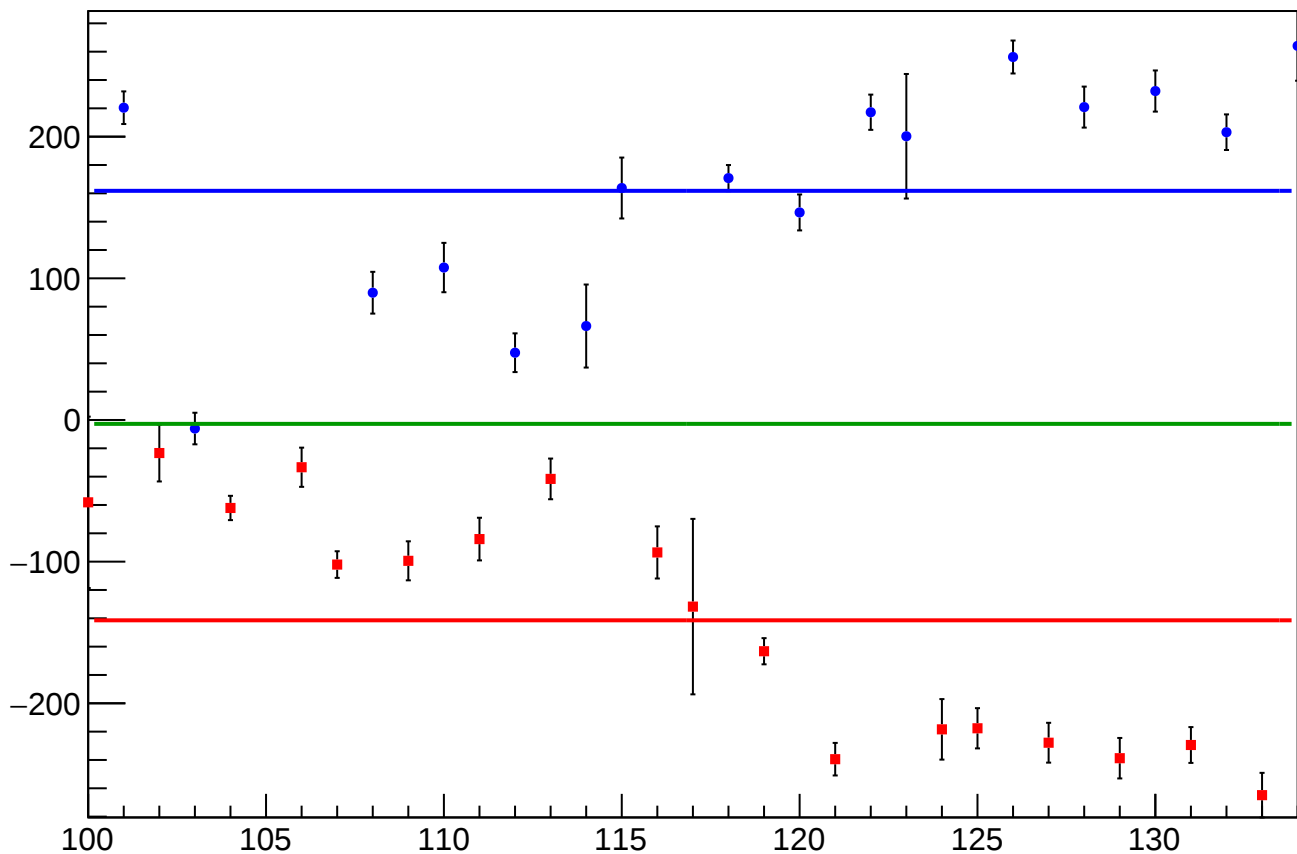
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

652.258 +/- 5.476 χ^2/NDF : 2463.9/15

-53.141 +/- 3.689 χ^2/NDF : 35887.9/33

-638.949 +/- 4.991 χ^2/NDF : 3053.0/17

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 161.764 $\pm$ 3.491 χ^2 /NDF: 524.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -141.420 $\pm$ 3.206 χ^2 /NDF: 593.7/17

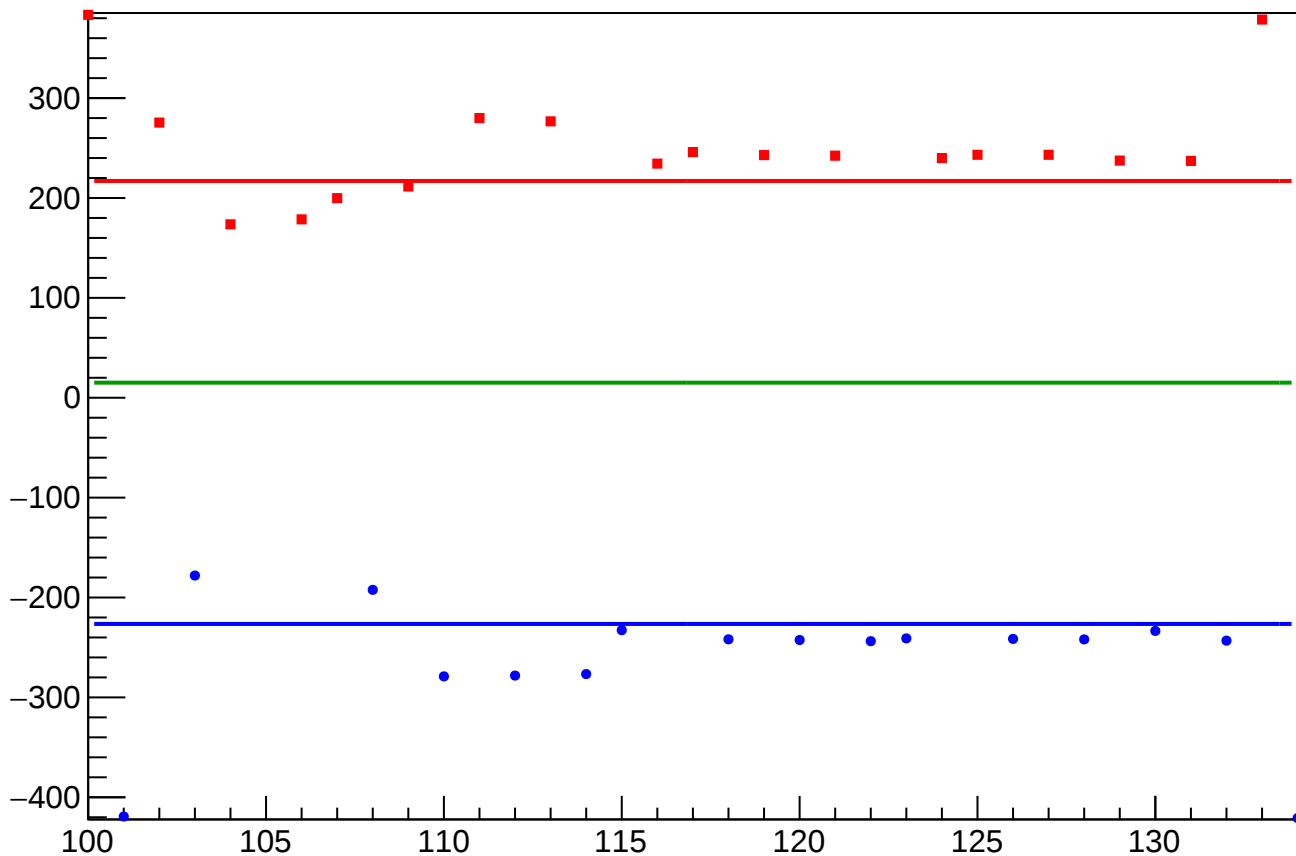
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.764 $\pm$ 3.491 χ^2 /NDF: 524.0/15

-2.744 $\pm$ 2.361 χ^2 /NDF: 5209.3/33

-141.420 $\pm$ 3.206 χ^2 /NDF: 593.7/17

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -226.463+/-0.179 χ^2/NDF : 145702.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.037+/-0.164 χ^2/NDF : 79969.7/17

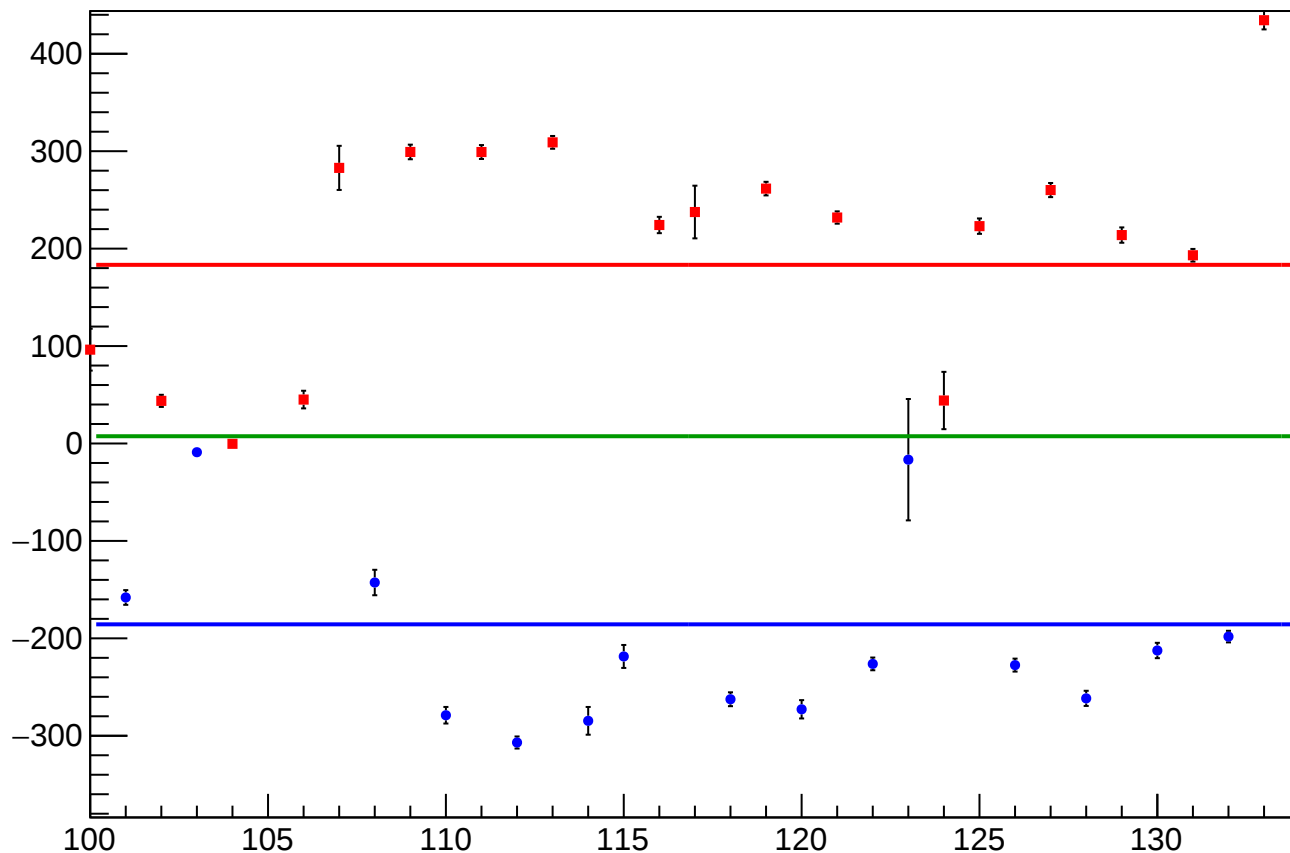
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-226.463+/-0.179 χ^2/NDF : 145702.5/15

15.120+/-0.121 χ^2/NDF : 3553335.8/33

217.037+/-0.164 χ^2/NDF : 79969.7/17

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -185.630+/-1.880 χ^2/NDF : 3153.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.355+/-1.795 χ^2/NDF : 4744.9/17

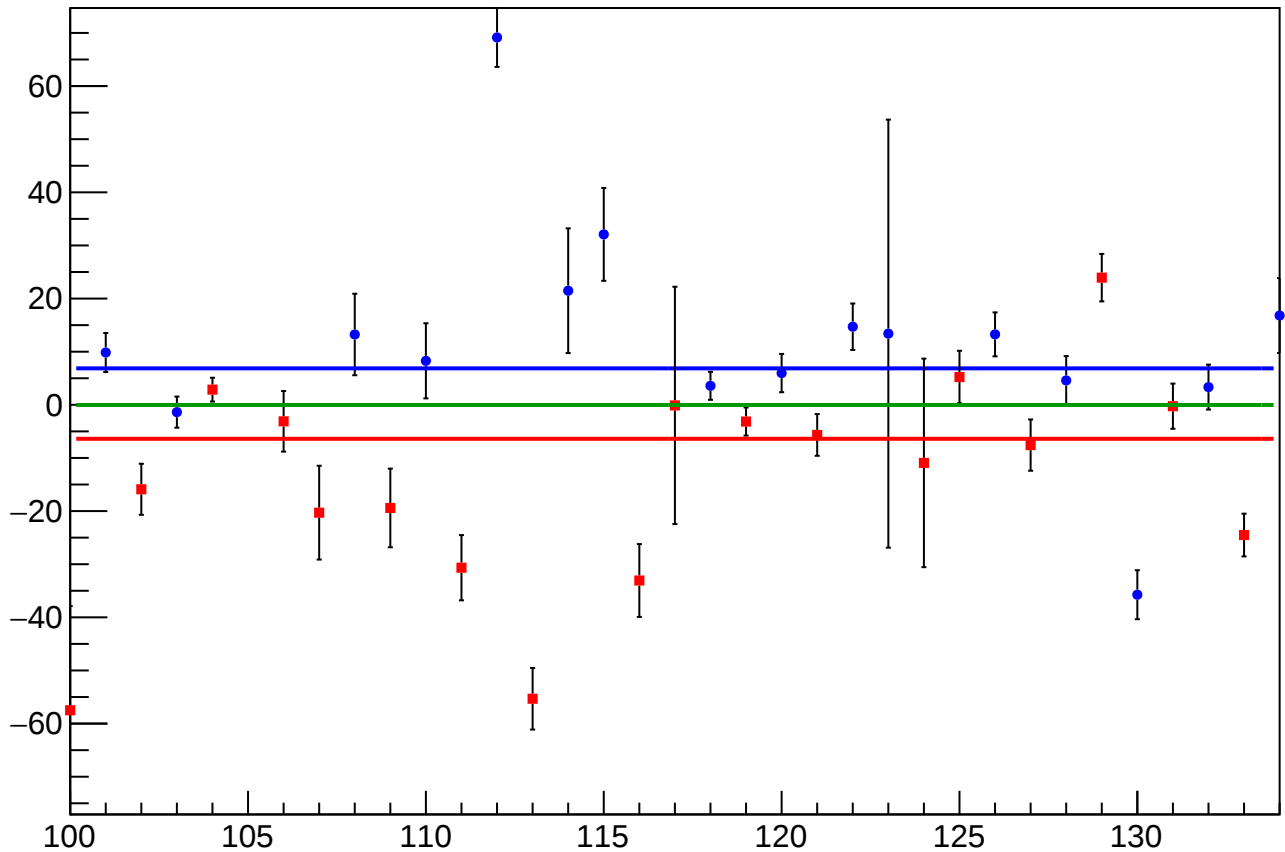
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-185.630+/-1.880 χ^2/NDF : 3153.9/15

7.439+/-1.298 χ^2/NDF : 28053.0/33

183.355+/-1.795 χ^2/NDF : 4744.9/17

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.863+/-1.130 χ^2/NDF : 241.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.392+/-1.086 χ^2/NDF : 211.4/17

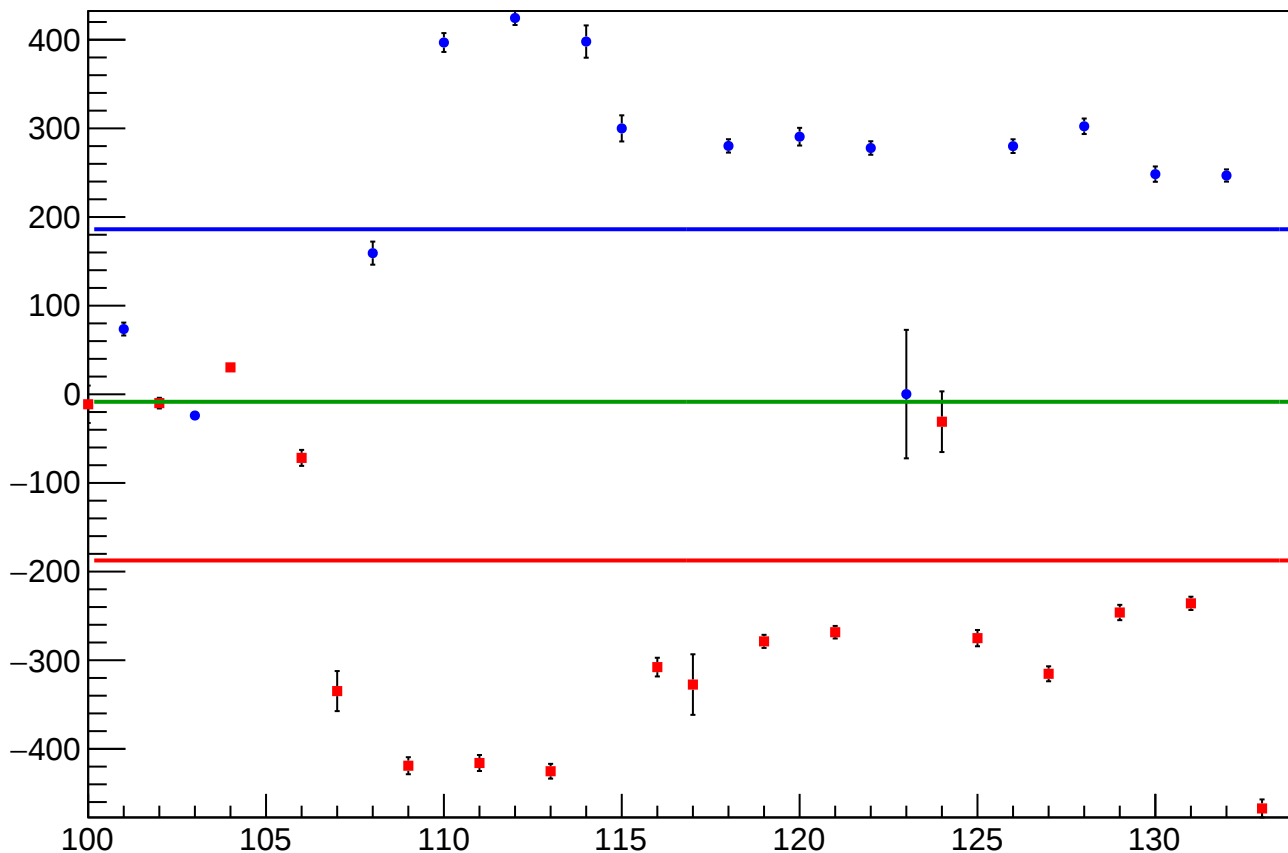
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.863+/-1.130 χ^2/NDF : 241.0/15

-0.029+/-0.783 χ^2/NDF : 524.0/33

-6.392+/-1.086 χ^2/NDF : 211.4/17

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 186.198 $\pm$ 2.042 χ^2 /NDF: 5841.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -187.455 $\pm$ 1.959 χ^2 /NDF: 7800.9/17

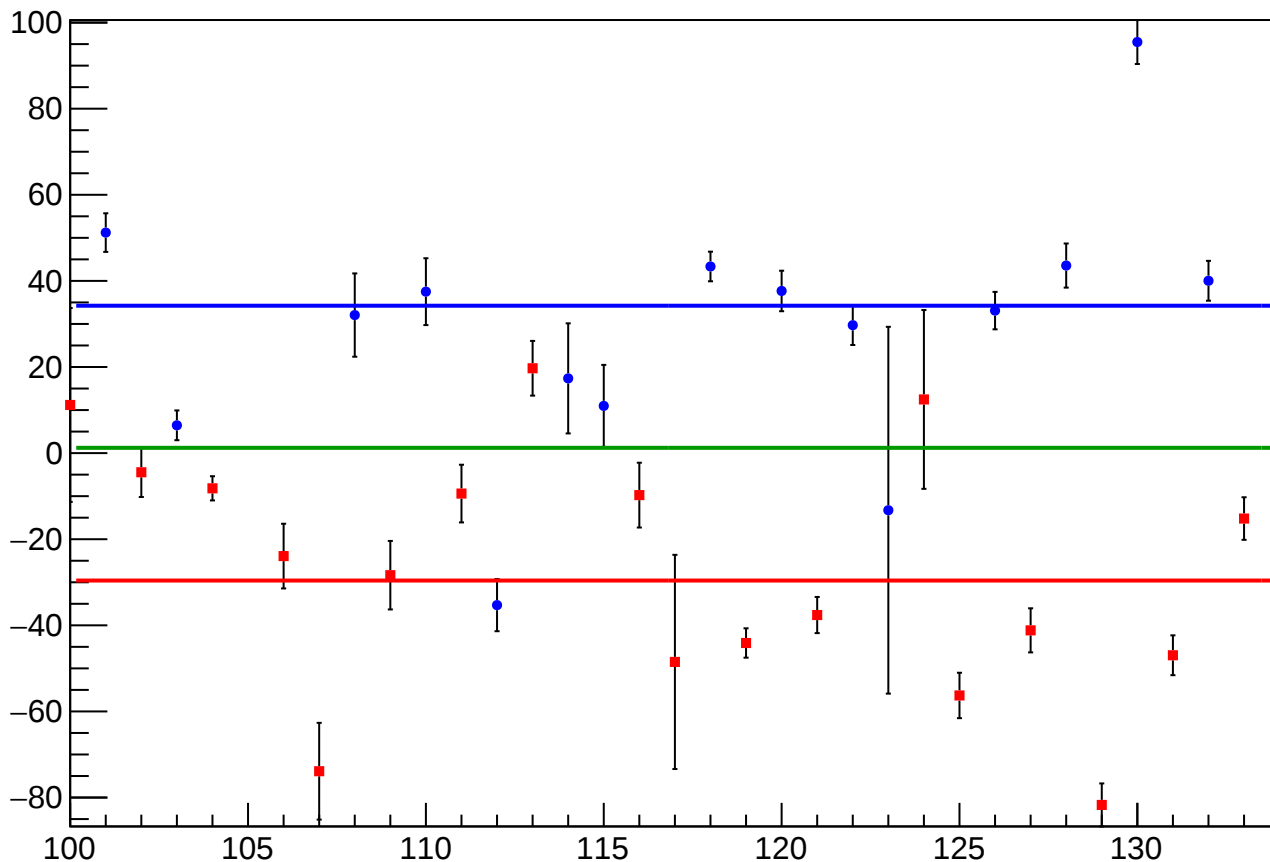
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

186.198 $\pm$ 2.042 χ^2 /NDF: 5841.0/15

-8.443 $\pm$ 1.414 χ^2 /NDF: 31077.3/33

-187.455 $\pm$ 1.959 χ^2 /NDF: 7800.9/17

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.235+/-1.321 χ^2/NDF : 377.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.597+/-1.277 χ^2/NDF : 361.5/17

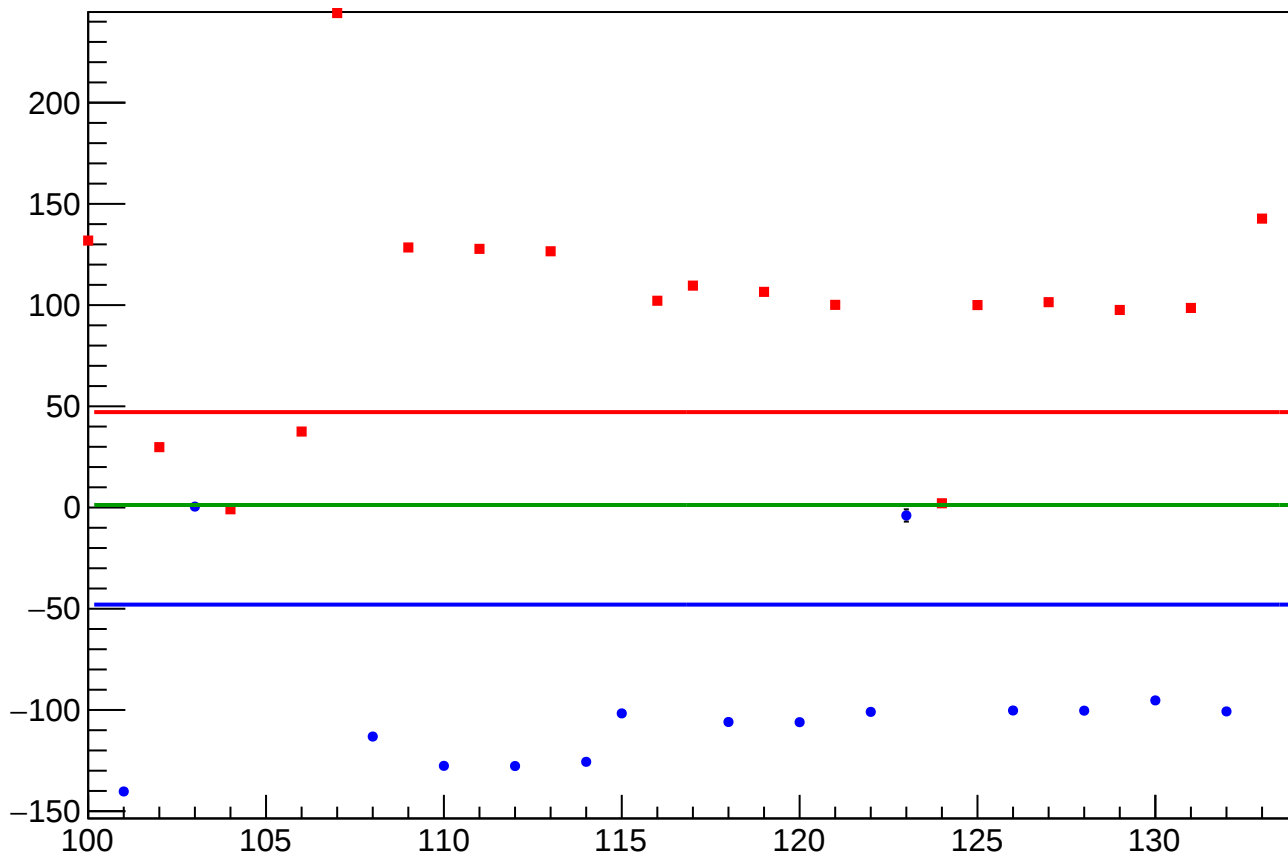
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.235+/-1.321 χ^2/NDF : 377.6/15

1.229+/-0.918 χ^2/NDF : 1945.9/33

-29.597+/-1.277 χ^2/NDF : 361.5/17

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -47.949 ± 0.064 χ^2/NDF : 795852.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.140 ± 0.062 χ^2/NDF : 744650.9/17

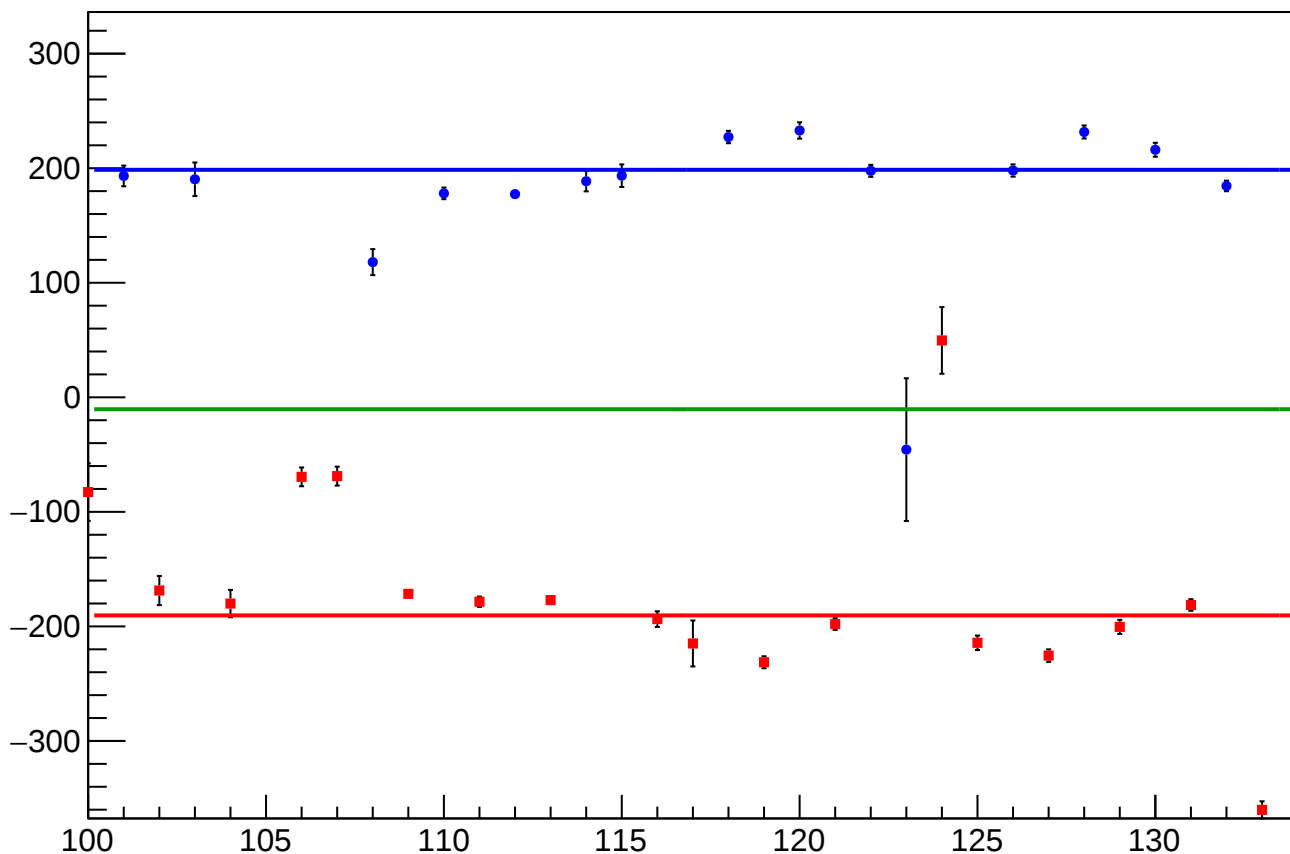
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-47.949 ± 0.064 χ^2/NDF : 795852.9/15

1.257 ± 0.045 χ^2/NDF : 2671553.2/33

47.140 ± 0.062 χ^2/NDF : 744650.9/17

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 198.616 ± 1.610 $\chi^2/\text{NDF}: 301.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -190.385 ± 1.494 $\chi^2/\text{NDF}: 1202.5/17$

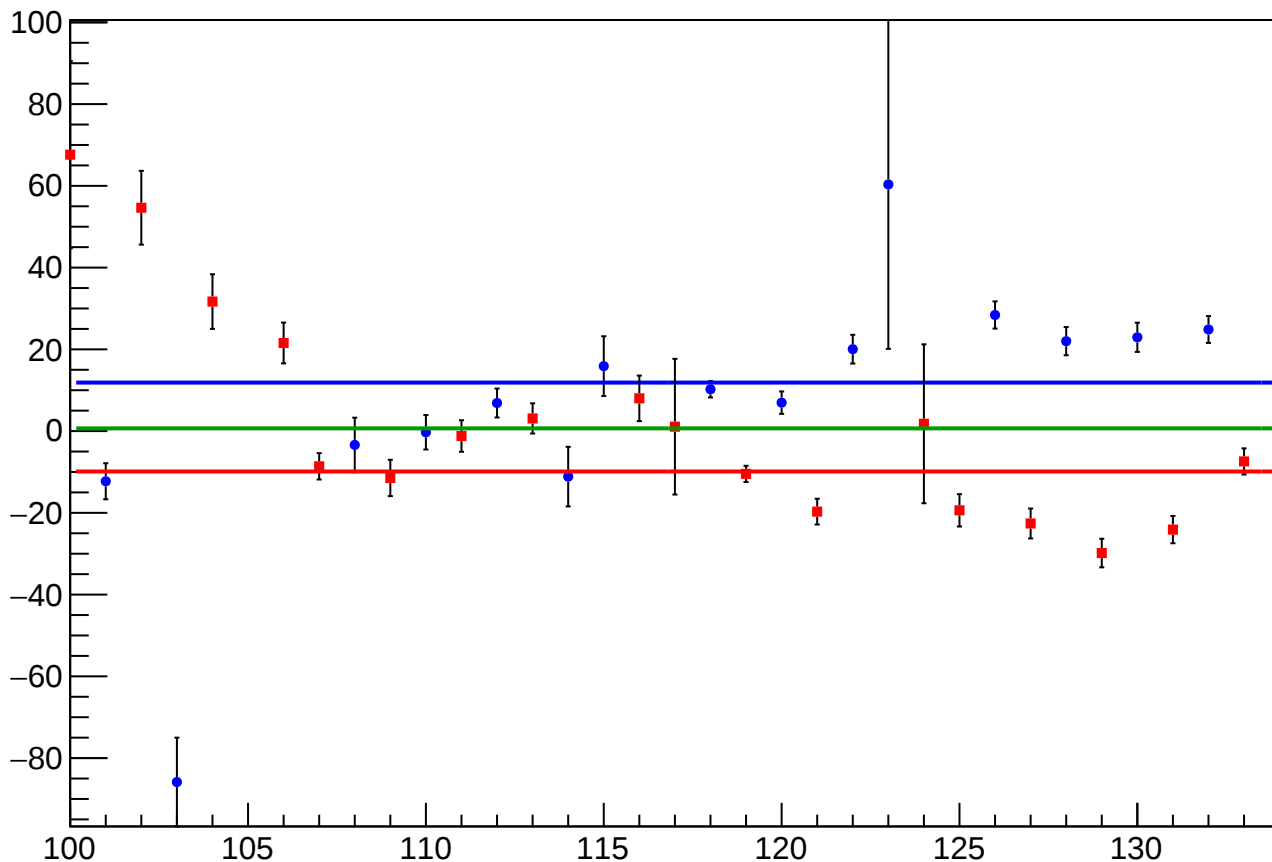
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

198.616 ± 1.610 $\chi^2/\text{NDF}: 301.3/15$

-10.416 ± 1.095 $\chi^2/\text{NDF}: 32881.2/33$

-190.385 ± 1.494 $\chi^2/\text{NDF}: 1202.5/17$

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.871+/-0.956 χ^2/NDF : 207.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.885+/-0.927 χ^2/NDF : 248.7/17

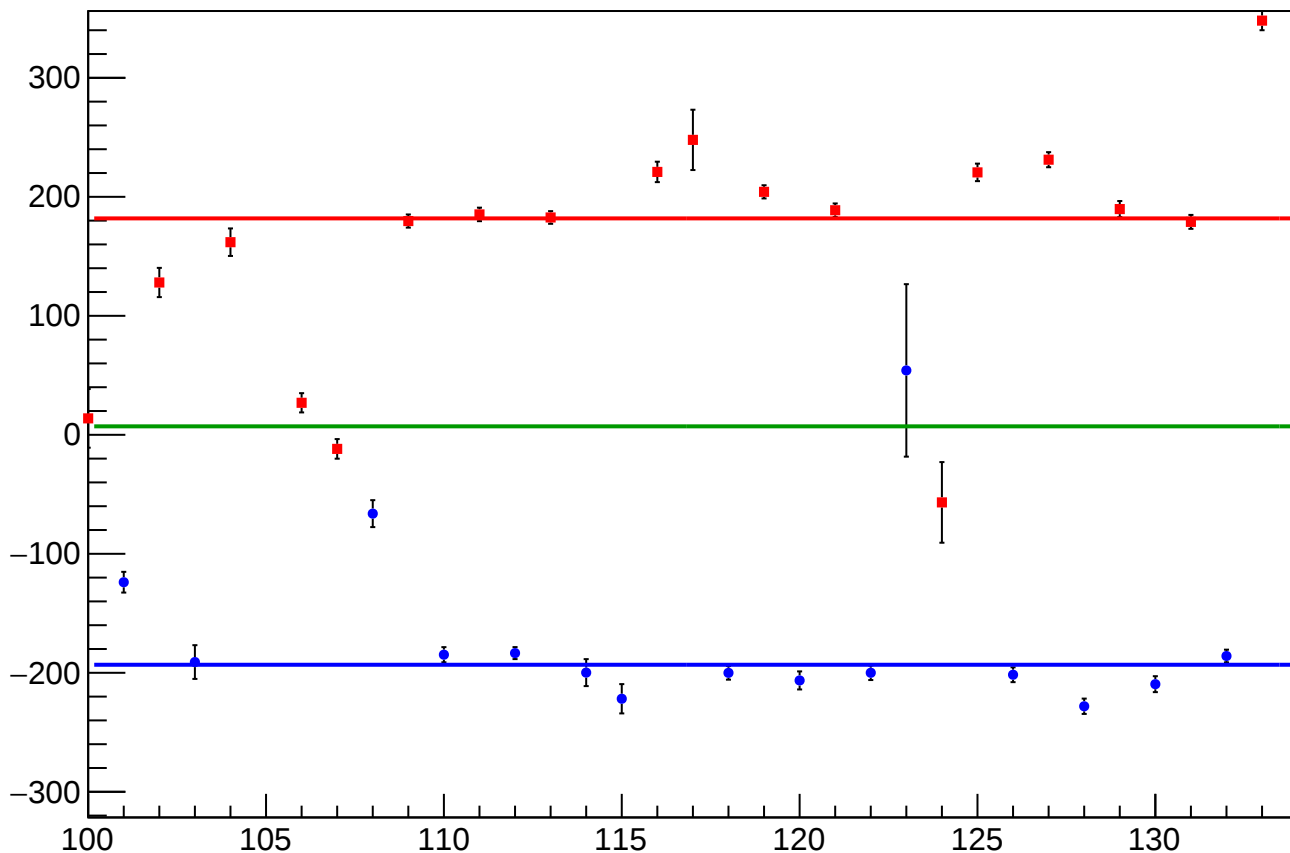
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.871+/-0.956 χ^2/NDF : 207.2/15

0.664+/-0.665 χ^2/NDF : 722.9/33

-9.885+/-0.927 χ^2/NDF : 248.7/17

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -193.242 ± 1.853 χ^2/NDF : 318.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 181.871 ± 1.731 χ^2/NDF : 1596.7/17

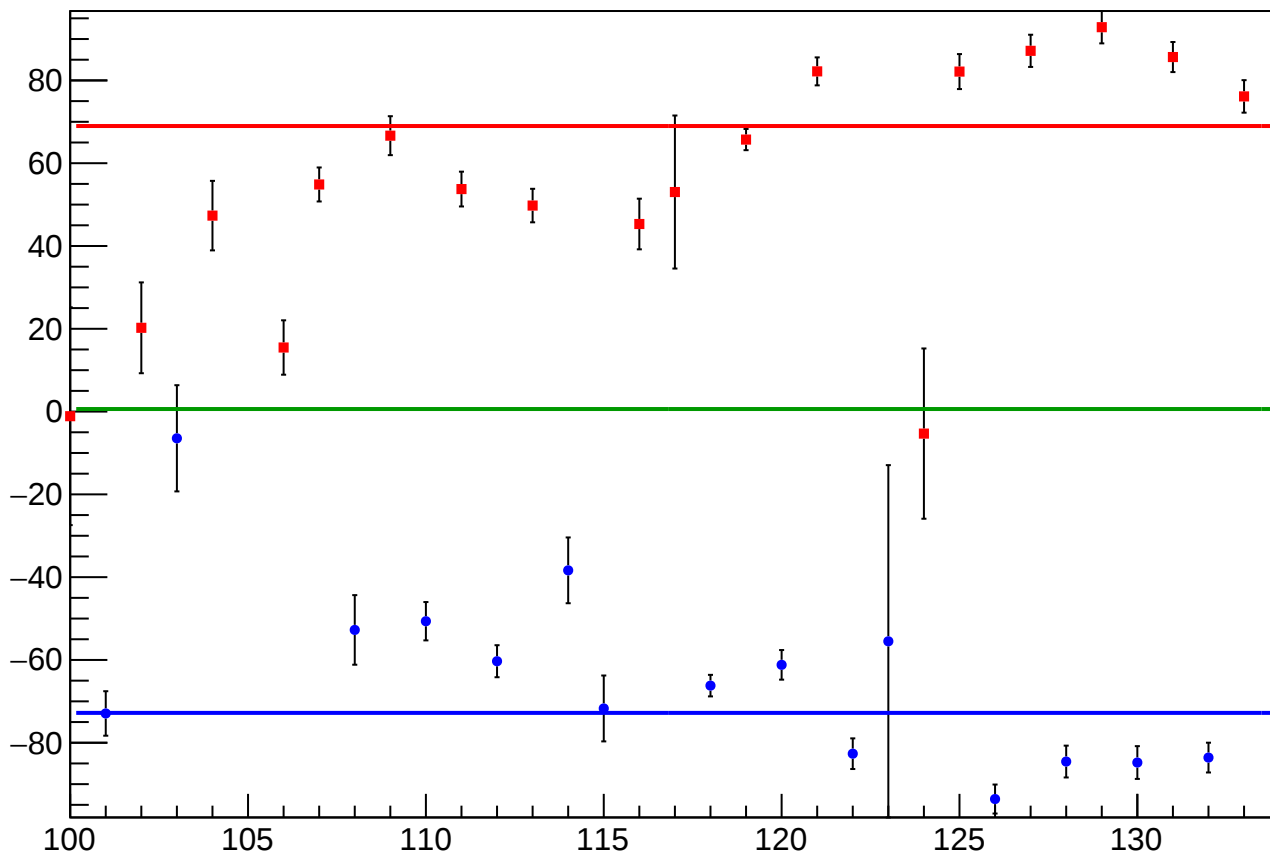
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-193.242 ± 1.853 χ^2/NDF : 318.1/15

7.117 ± 1.265 χ^2/NDF : 23799.6/33

181.871 ± 1.731 χ^2/NDF : 1596.7/17

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -72.786+/-1.111 χ^2/NDF : 173.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.982+/-1.072 χ^2/NDF : 286.4/17

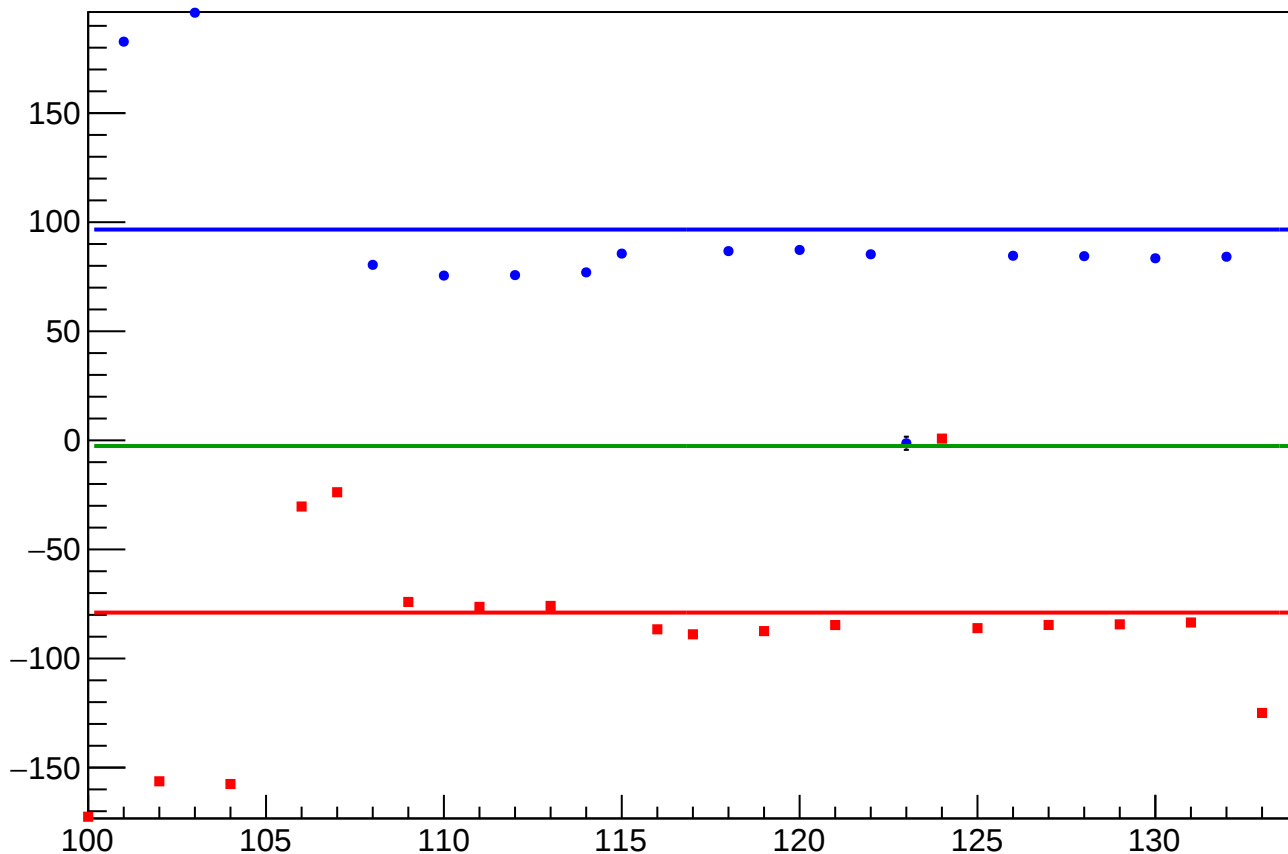
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-72.786+/-1.111 χ^2/NDF : 173.3/15

0.618+/-0.772 χ^2/NDF : 8887.9/33

68.982+/-1.072 χ^2/NDF : 286.4/17

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 96.632+/-0.076 χ^2/NDF : 212954.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.947+/-0.067 χ^2/NDF : 331377.7/17

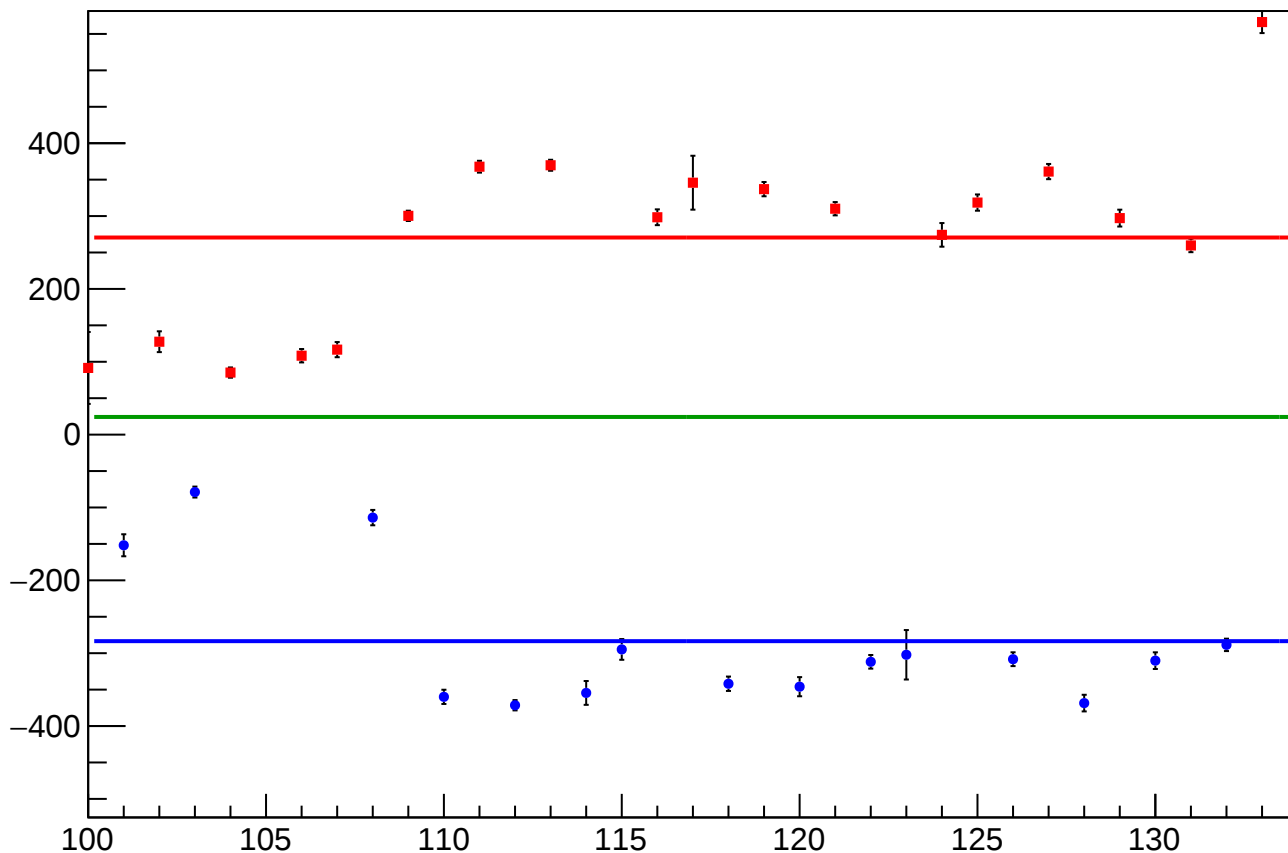
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.632+/-0.076 χ^2/NDF : 212954.6/15

-2.598+/-0.050 χ^2/NDF : 3549517.7/33

-78.947+/-0.067 χ^2/NDF : 331377.7/17

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -283.481+/-2.669 χ^2 /NDF: 1523.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 270.556+/-2.388 χ^2 /NDF: 2227.9/17

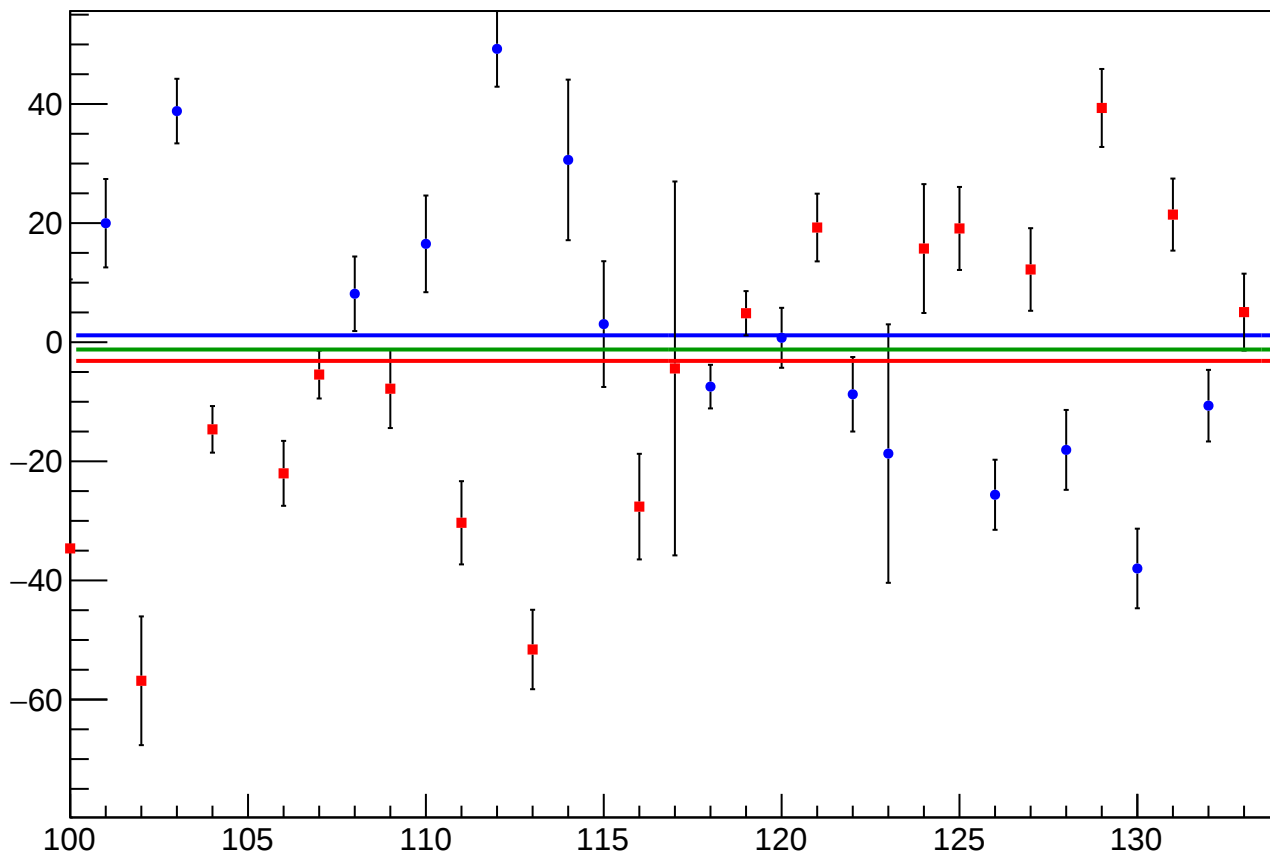
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-283.481+/-2.669 χ^2 /NDF: 1523.7/15

24.261+/-1.780 χ^2 /NDF: 27685.8/33

270.556+/-2.388 χ^2 /NDF: 2227.9/17

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.157 ± 1.615 χ^2/NDF : 197.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.137 ± 1.447 χ^2/NDF : 220.6/17

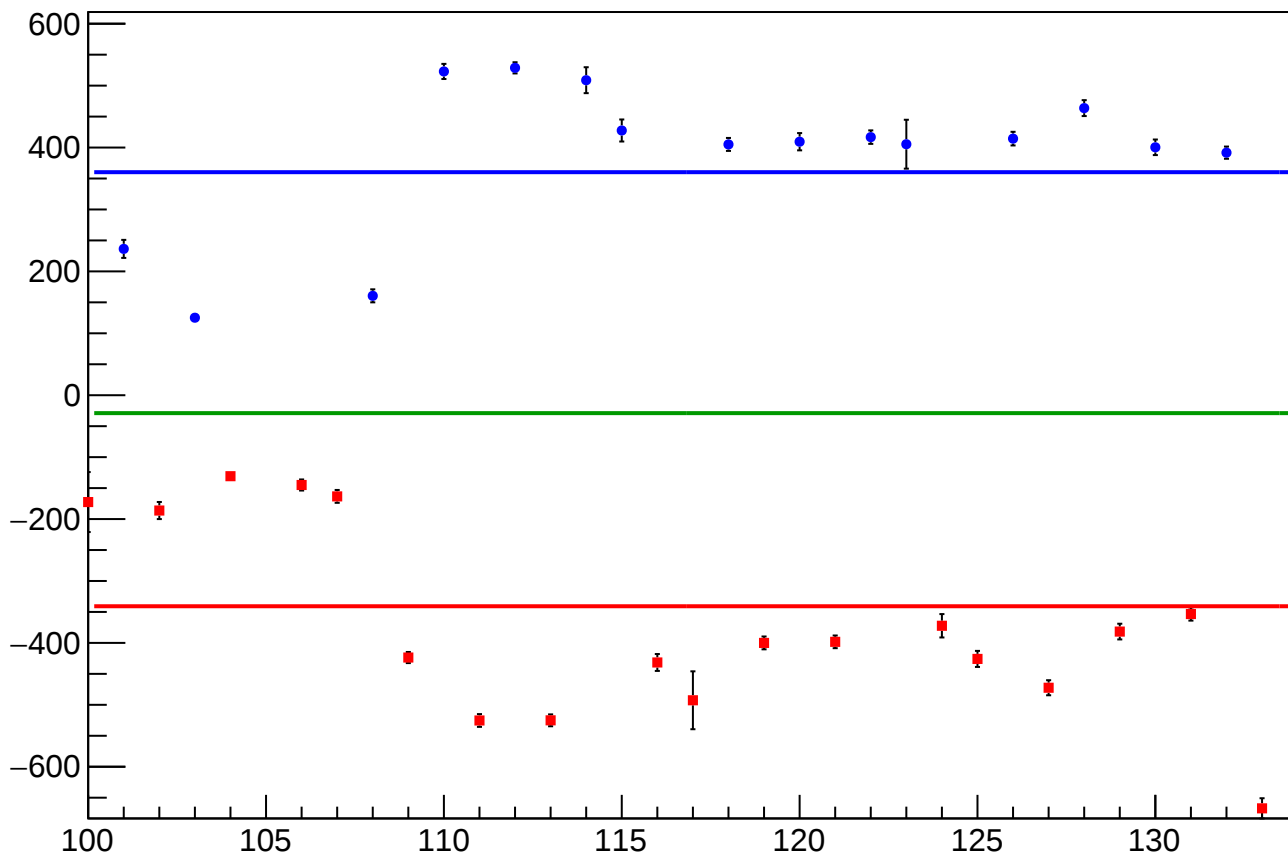
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.157 ± 1.615 χ^2/NDF : 197.8/15

-1.225 ± 1.078 χ^2/NDF : 422.3/33

-3.137 ± 1.447 χ^2/NDF : 220.6/17

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 360.216 ± 2.978 χ^2/NDF : 2312.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -340.813 ± 2.666 χ^2/NDF : 3327.2/17

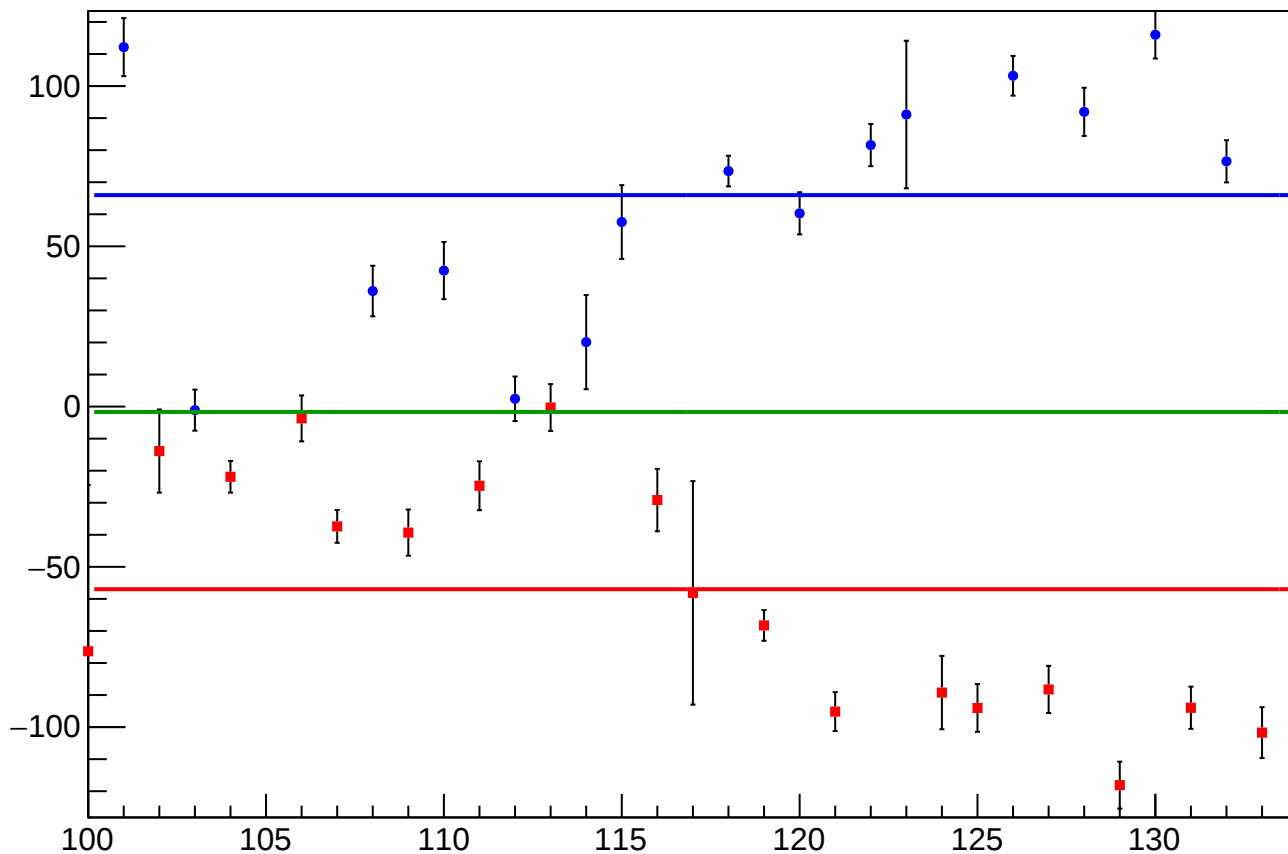
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

360.216 ± 2.978 χ^2/NDF : 2312.8/15

-28.921 ± 1.986 χ^2/NDF : 36396.2/33

-340.813 ± 2.666 χ^2/NDF : 3327.2/17

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.978+/-1.885 χ^2/NDF : 368.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.971+/-1.705 χ^2/NDF : 452.8/17

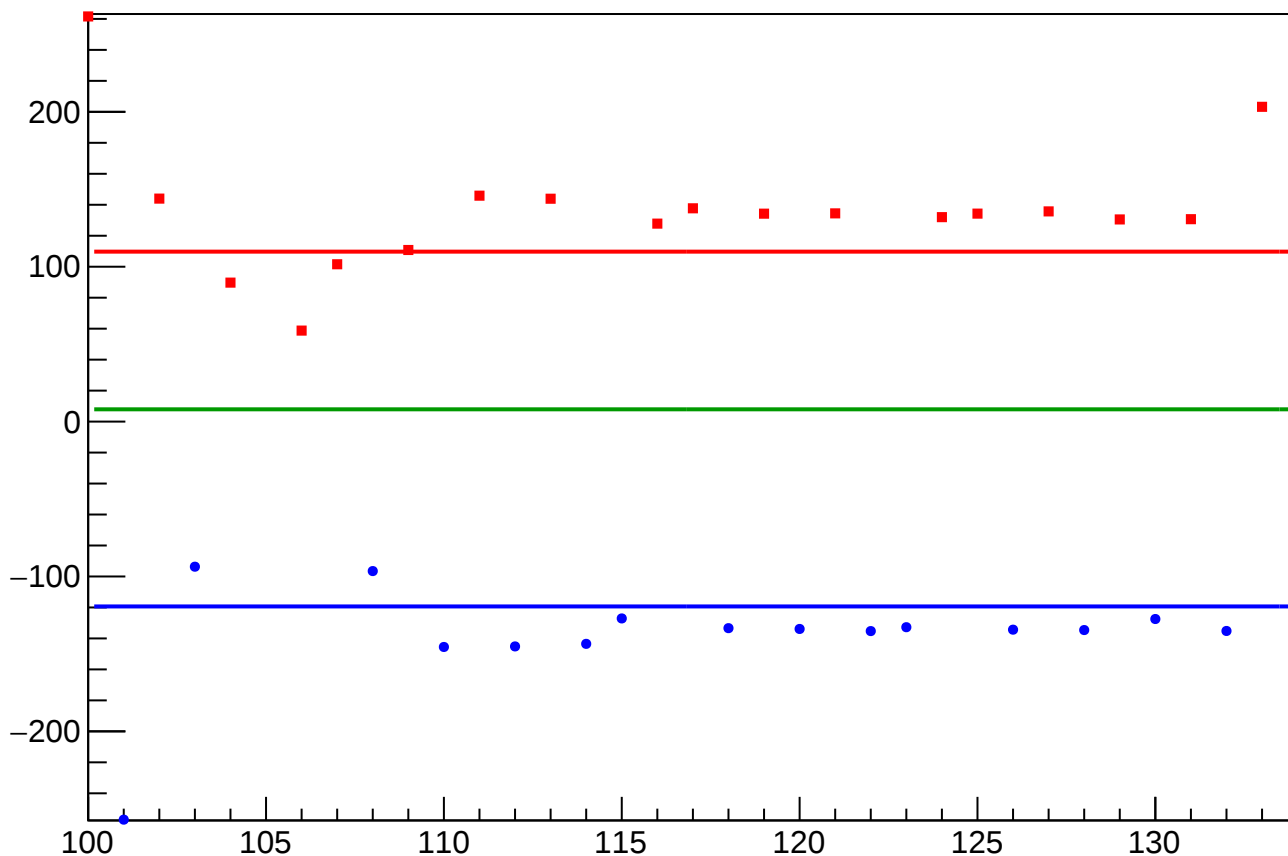
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.978+/-1.885 χ^2/NDF : 368.0/15

-1.669+/-1.265 χ^2/NDF : 3160.3/33

-56.971+/-1.705 χ^2/NDF : 452.8/17

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -119.345+/-0.100 χ^2/NDF : 135430.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.736+/-0.089 χ^2/NDF : 126728.6/17

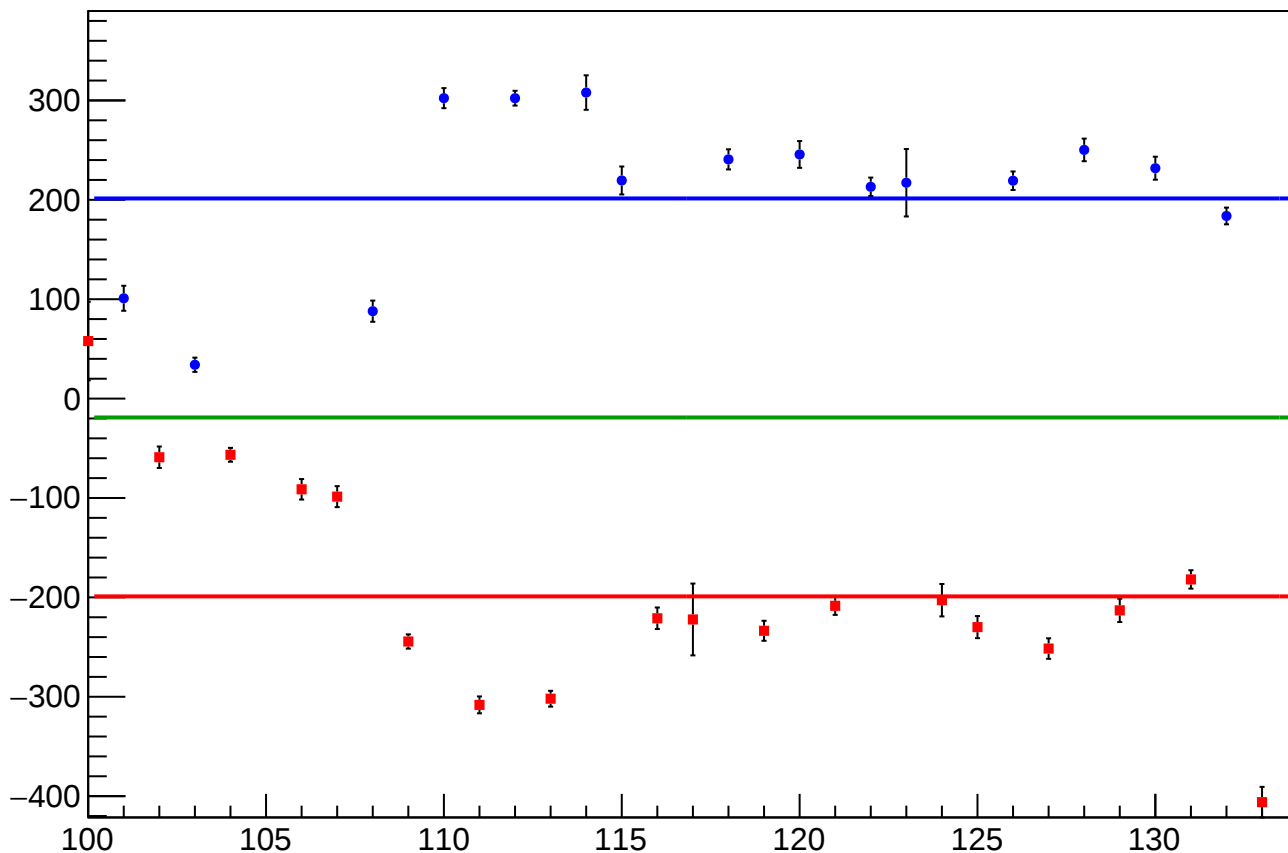
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-119.345+/-0.100 χ^2/NDF : 135430.9/15

7.927+/-0.066 χ^2/NDF : 3195598.4/33

109.736+/-0.089 χ^2/NDF : 126728.6/17

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 201.378 $\pm$ 2.663 χ^2 /NDF: 1152.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -199.008 $\pm$ 2.406 χ^2 /NDF: 1435.8/17

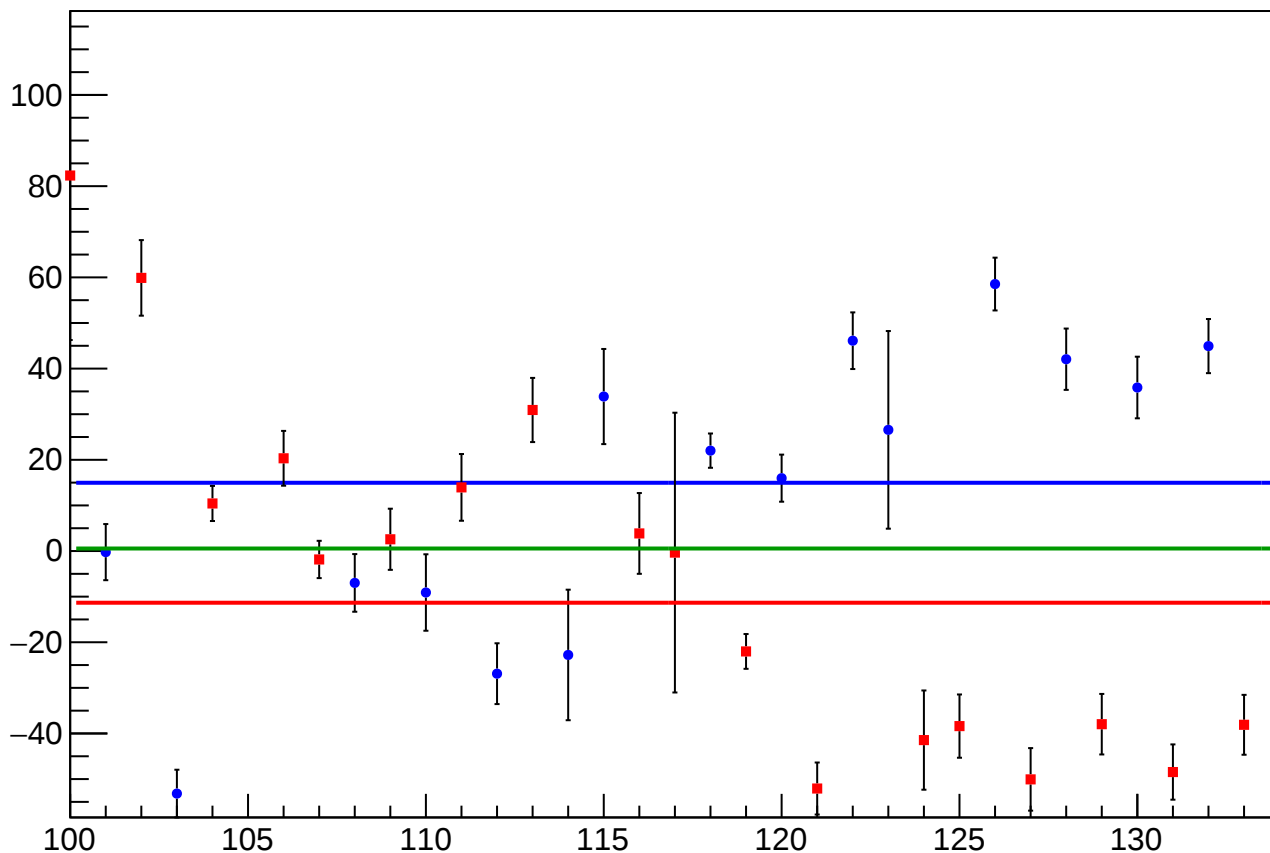
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

201.378 $\pm$ 2.663 χ^2 /NDF: 1152.1/15

-19.002 $\pm$ 1.785 χ^2 /NDF: 15034.9/33

-199.008 $\pm$ 2.406 χ^2 /NDF: 1435.8/17

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.967+/-1.609 χ^2 /NDF: 385.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -11.334+/-1.461 χ^2 /NDF: 385.1/17

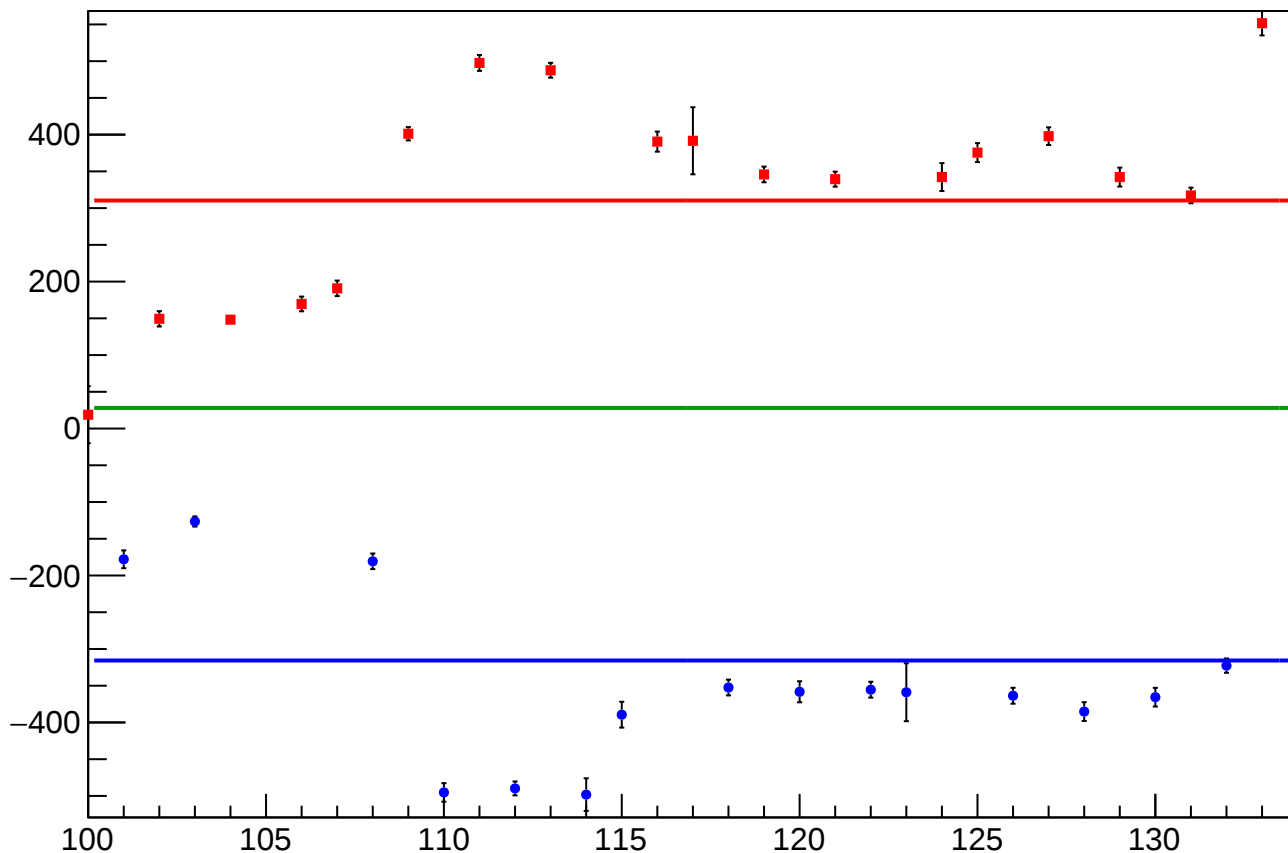
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.967+/-1.609 χ^2 /NDF: 385.4/15

0.553+/-1.082 χ^2 /NDF: 917.0/33

-11.334+/-1.461 χ^2 /NDF: 385.1/17

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -315.672+/-2.954 χ^2 /NDF: 1810.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 310.384+/-2.677 χ^2 /NDF: 2261.4/17

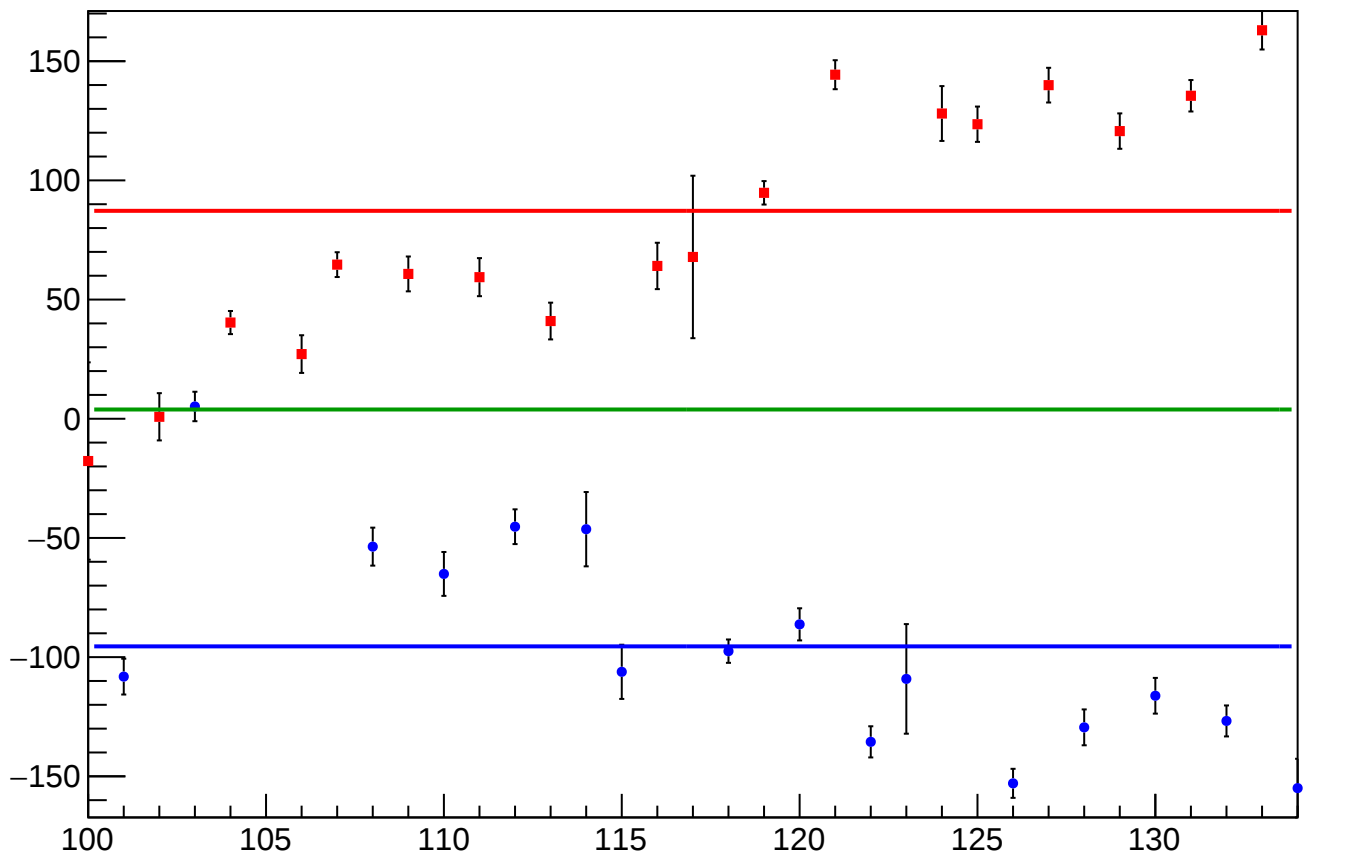
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-315.672+/-2.954 χ^2 /NDF: 1810.3/15

28.070+/-1.984 χ^2 /NDF: 28736.3/33

310.384+/-2.677 χ^2 /NDF: 2261.4/17

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.486 ± 1.877 χ^2/NDF : 568.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 87.226 ± 1.719 χ^2/NDF : 661.1/17

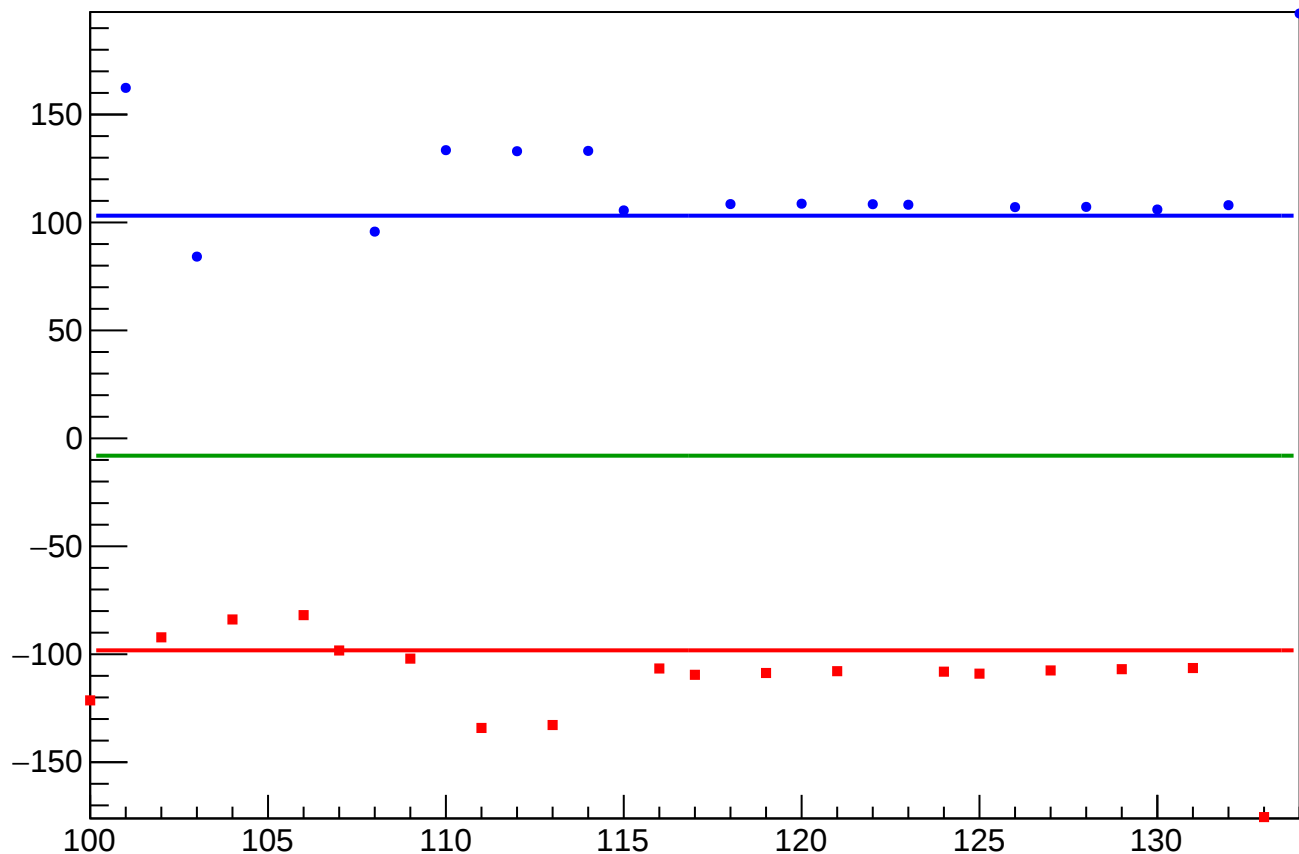
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-95.486 ± 1.877 χ^2/NDF : 568.3/15

3.885 ± 1.268 χ^2/NDF : 6381.7/33

87.226 ± 1.719 χ^2/NDF : 661.1/17

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.143+/-0.098 χ^2/NDF : 61105.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.188+/-0.088 χ^2/NDF : 39696.0/17

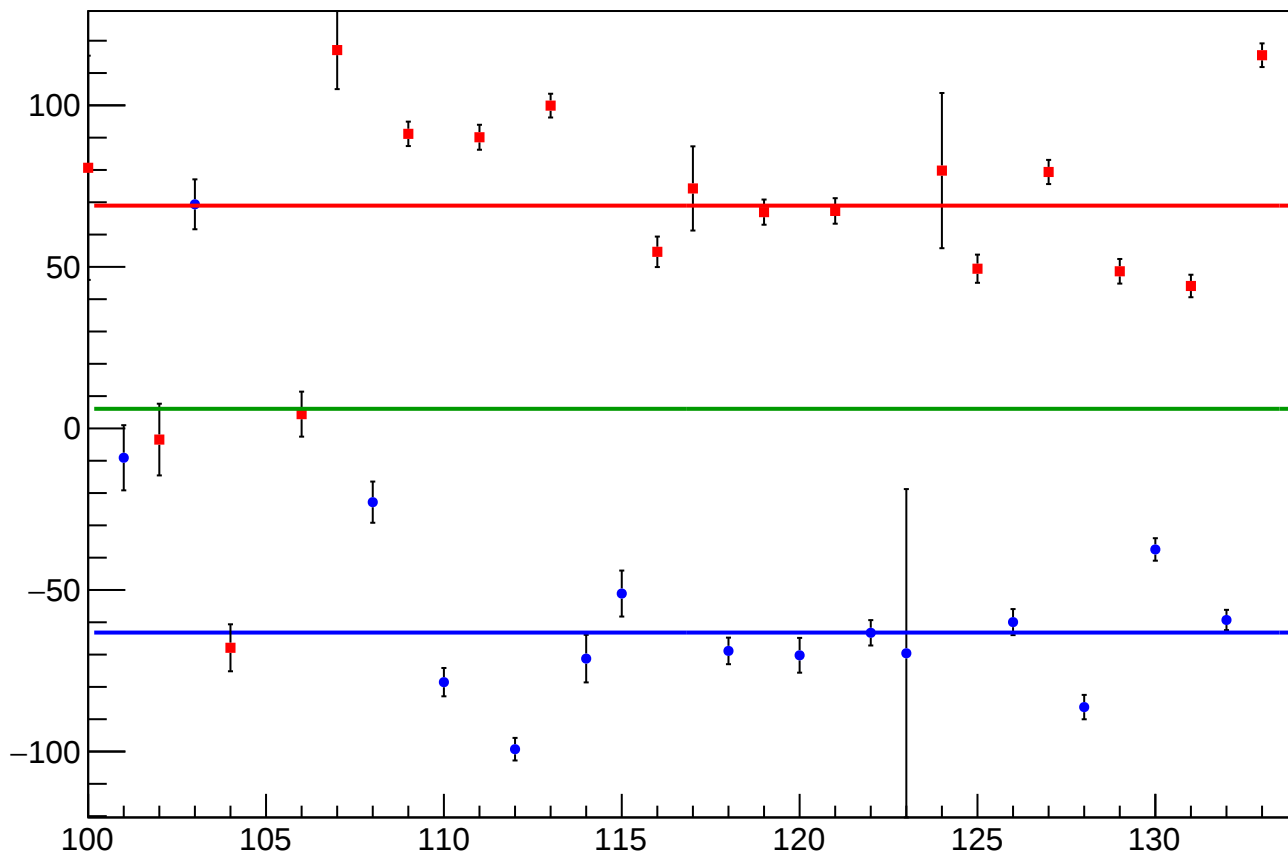
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.143+/-0.098 χ^2/NDF : 61105.0/15

-8.022+/-0.065 χ^2/NDF : 2446241.8/33

-98.188+/-0.088 χ^2/NDF : 39696.0/17

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -63.181 ± 1.174 χ^2/NDF : 597.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 68.961 ± 1.119 χ^2/NDF : 912.7/17

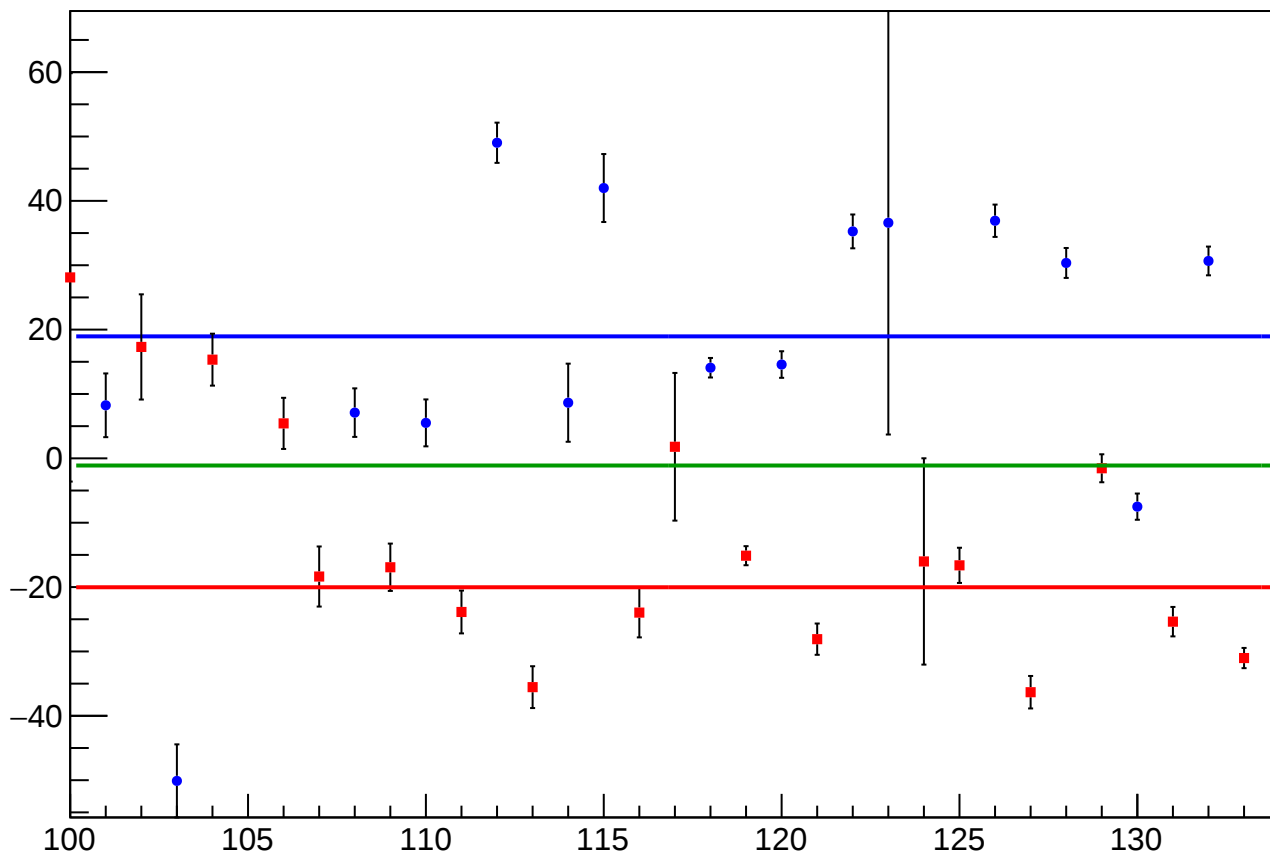
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-63.181 ± 1.174 χ^2/NDF : 597.3/15

6.072 ± 0.810 χ^2/NDF : 8146.9/33

68.961 ± 1.119 χ^2/NDF : 912.7/17

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.949+/-0.687 χ^2/NDF : 618.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.027+/-0.667 χ^2/NDF : 362.8/17

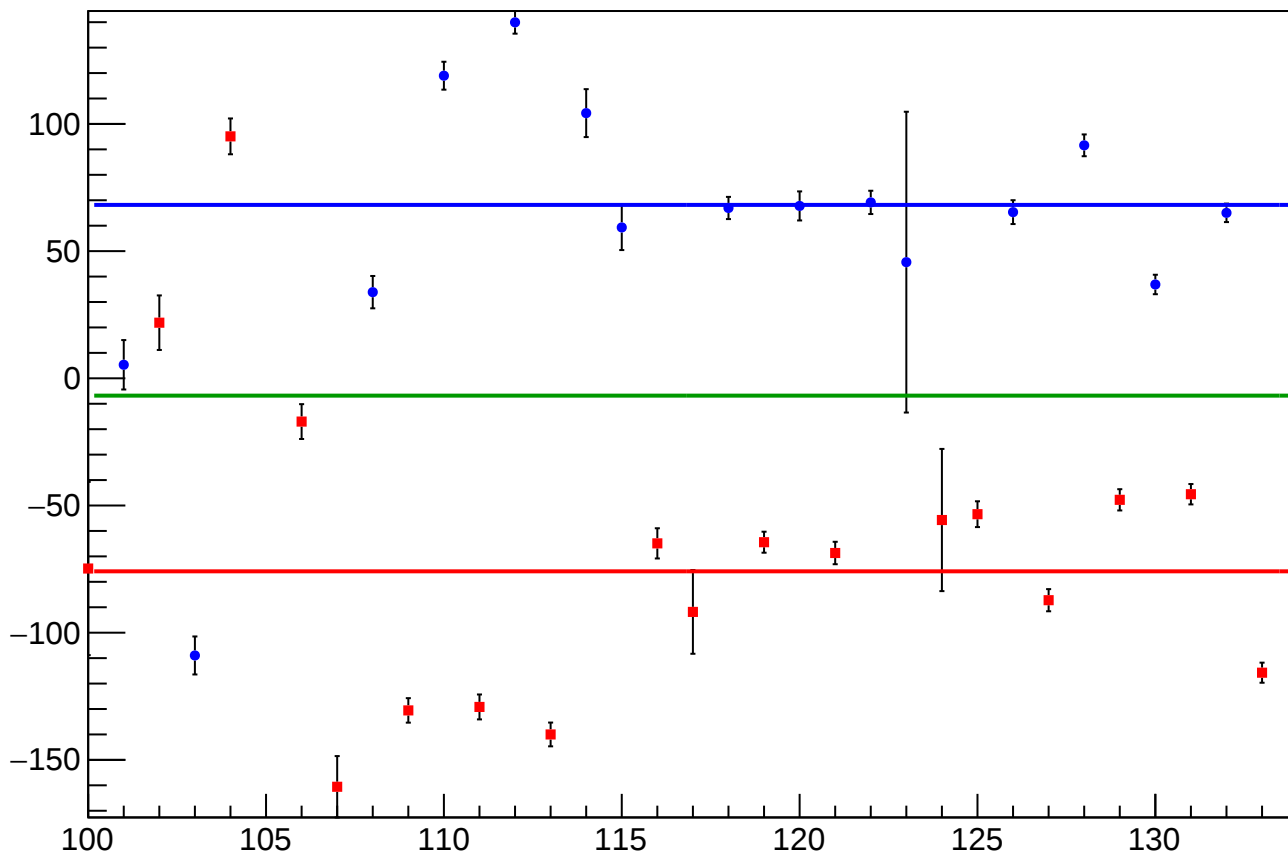
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.949+/-0.687 χ^2/NDF : 618.4/15

-1.113+/-0.478 χ^2/NDF : 2638.8/33

-20.027+/-0.667 χ^2/NDF : 362.8/17

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.172+/-1.337 χ^2/NDF : 1097.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.874+/-1.283 χ^2/NDF : 1477.8/17

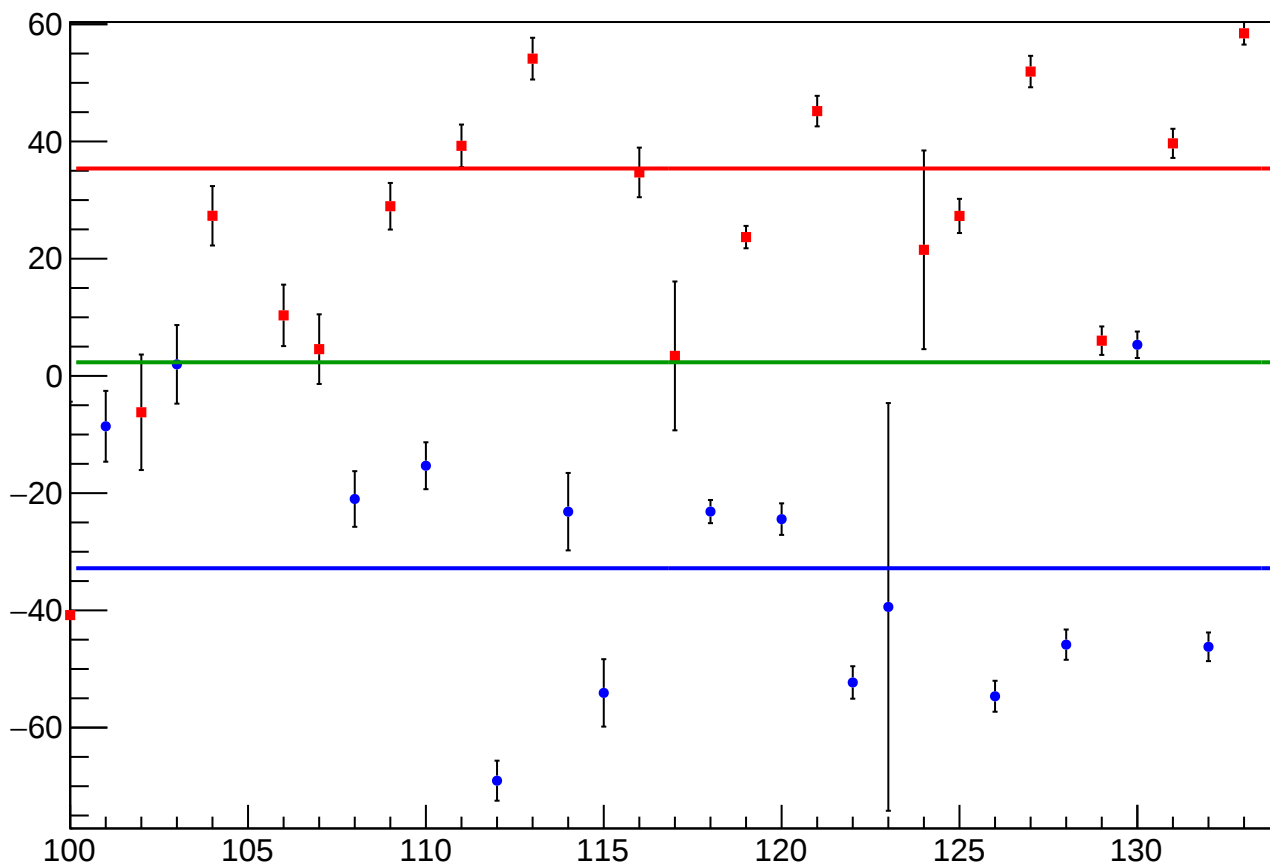
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

68.172+/-1.337 χ^2/NDF : 1097.9/15

-6.806+/-0.926 χ^2/NDF : 8617.0/33

-75.874+/-1.283 χ^2/NDF : 1477.8/17

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.810+/-0.796 χ^2/NDF : 694.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.389+/-0.772 χ^2/NDF : 503.2/17

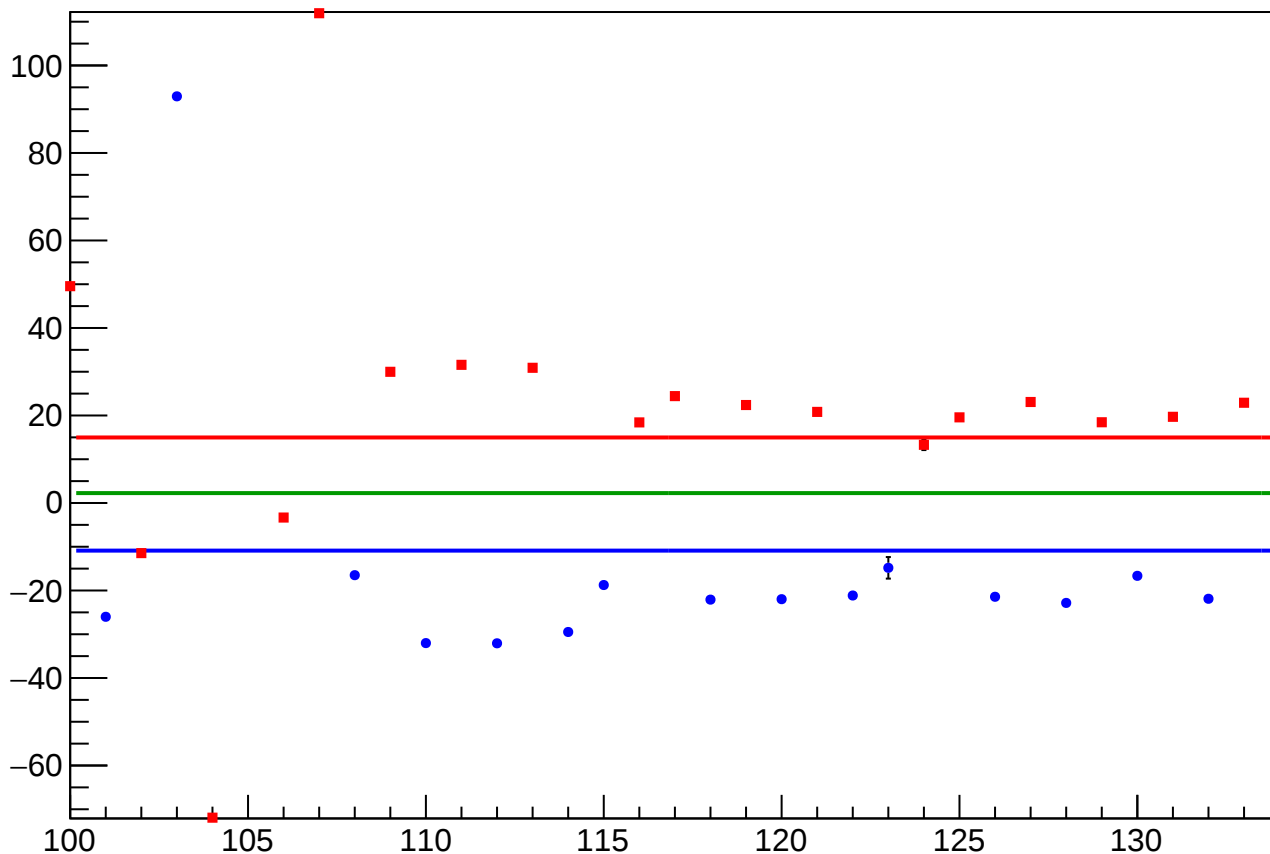
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.810+/-0.796 χ^2/NDF : 694.5/15

2.326+/-0.554 χ^2/NDF : 4980.7/33

35.389+/-0.772 χ^2/NDF : 503.2/17

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.884 ± 0.052 $\chi^2/\text{NDF}: 432120.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 14.975 ± 0.051 $\chi^2/\text{NDF}: 406646.1/17$

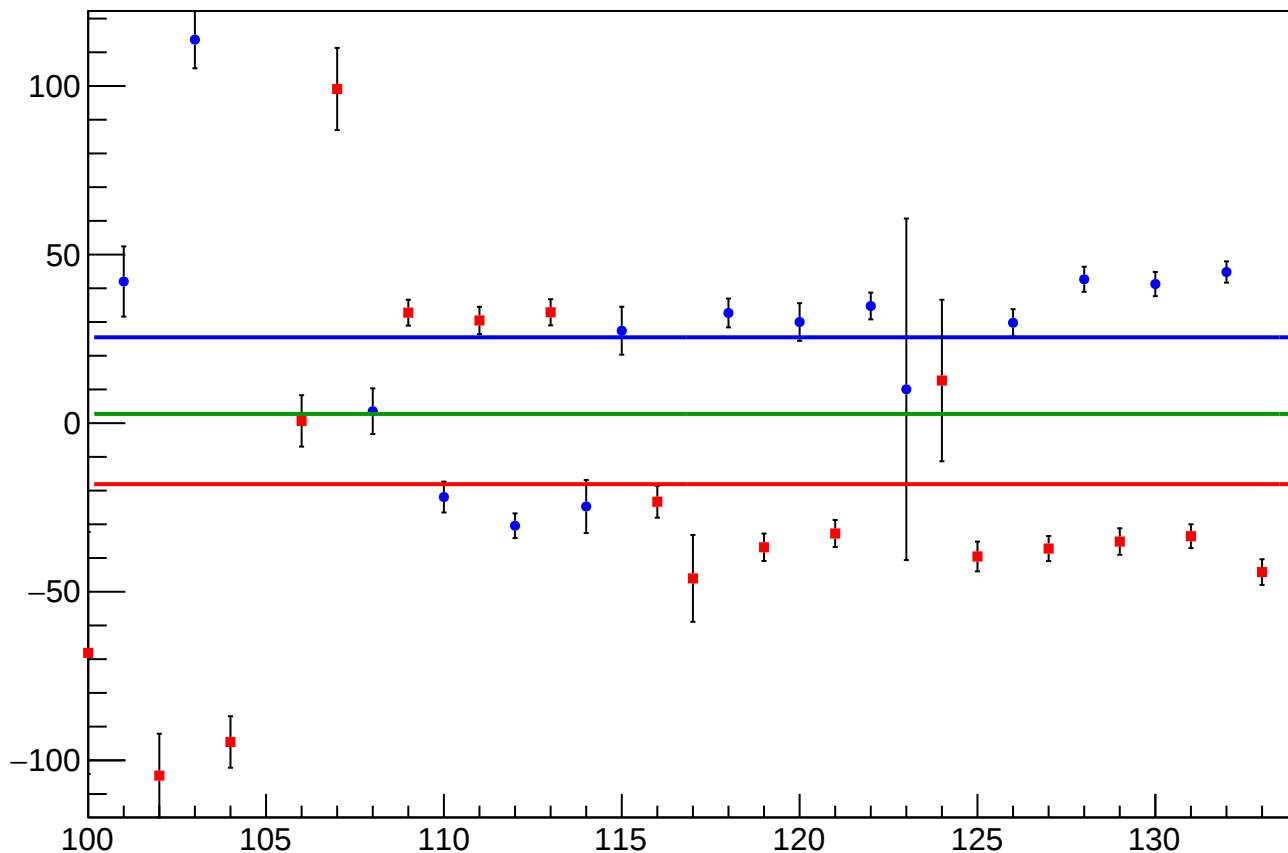
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-10.884 ± 0.052 $\chi^2/\text{NDF}: 432120.2/15$

2.262 ± 0.036 $\chi^2/\text{NDF}: 964547.9/33$

14.975 ± 0.051 $\chi^2/\text{NDF}: 406646.1/17$

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 25.468 $\pm$ 1.202 χ^2 /NDF: 600.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.089 $\pm$ 1.150 χ^2 /NDF: 917.5/17

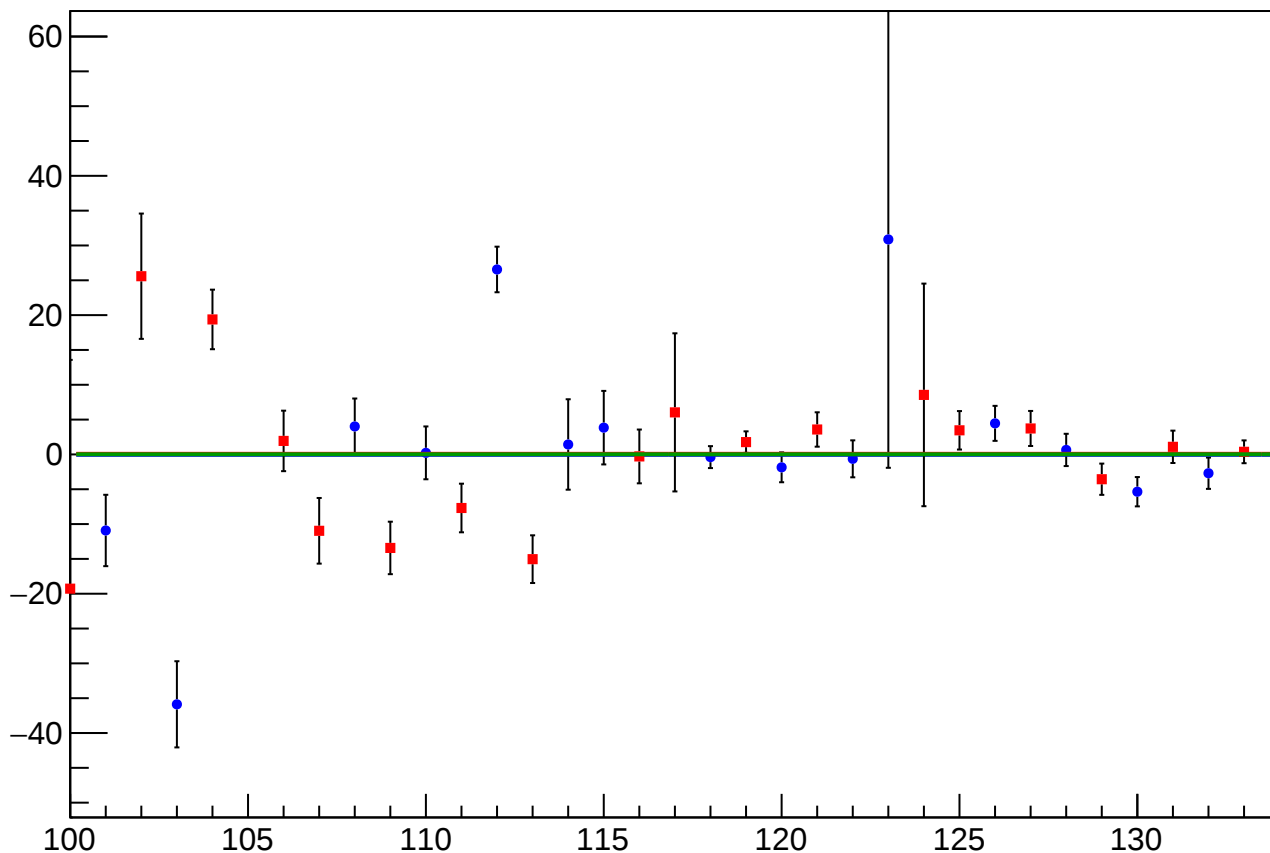
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.468 $\pm$ 1.202 χ^2 /NDF: 600.8/15

2.744 $\pm$ 0.831 χ^2 /NDF: 2203.9/33

-18.089 $\pm$ 1.150 χ^2 /NDF: 917.5/17

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.053 ± 0.704 χ^2/NDF : 118.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.084 ± 0.688 χ^2/NDF : 82.0/17

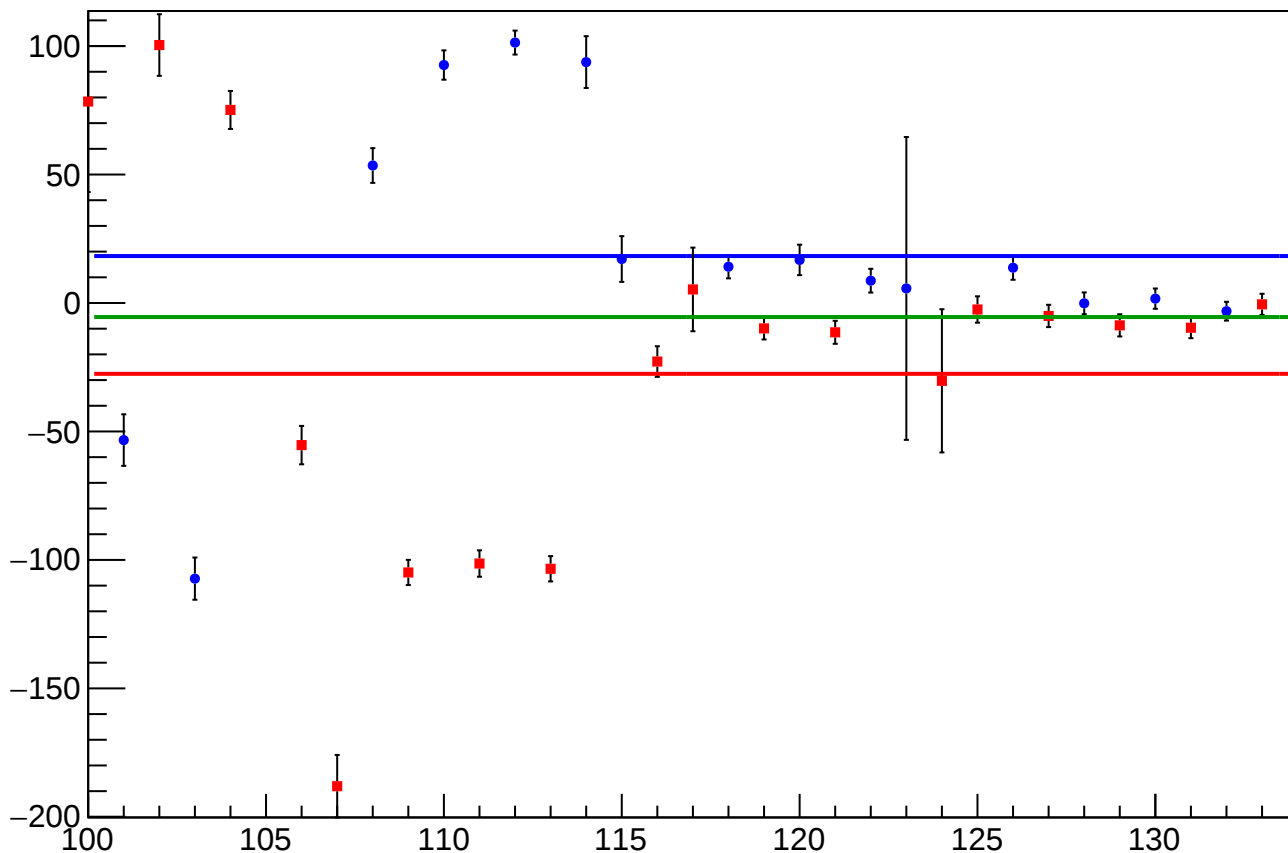
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.053 ± 0.704 χ^2/NDF : 118.6/15

0.017 ± 0.492 χ^2/NDF : 200.6/33

0.084 ± 0.688 χ^2/NDF : 82.0/17

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.271+/-1.369 χ^2/NDF : 940.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.574+/-1.321 χ^2/NDF : 1362.7/17

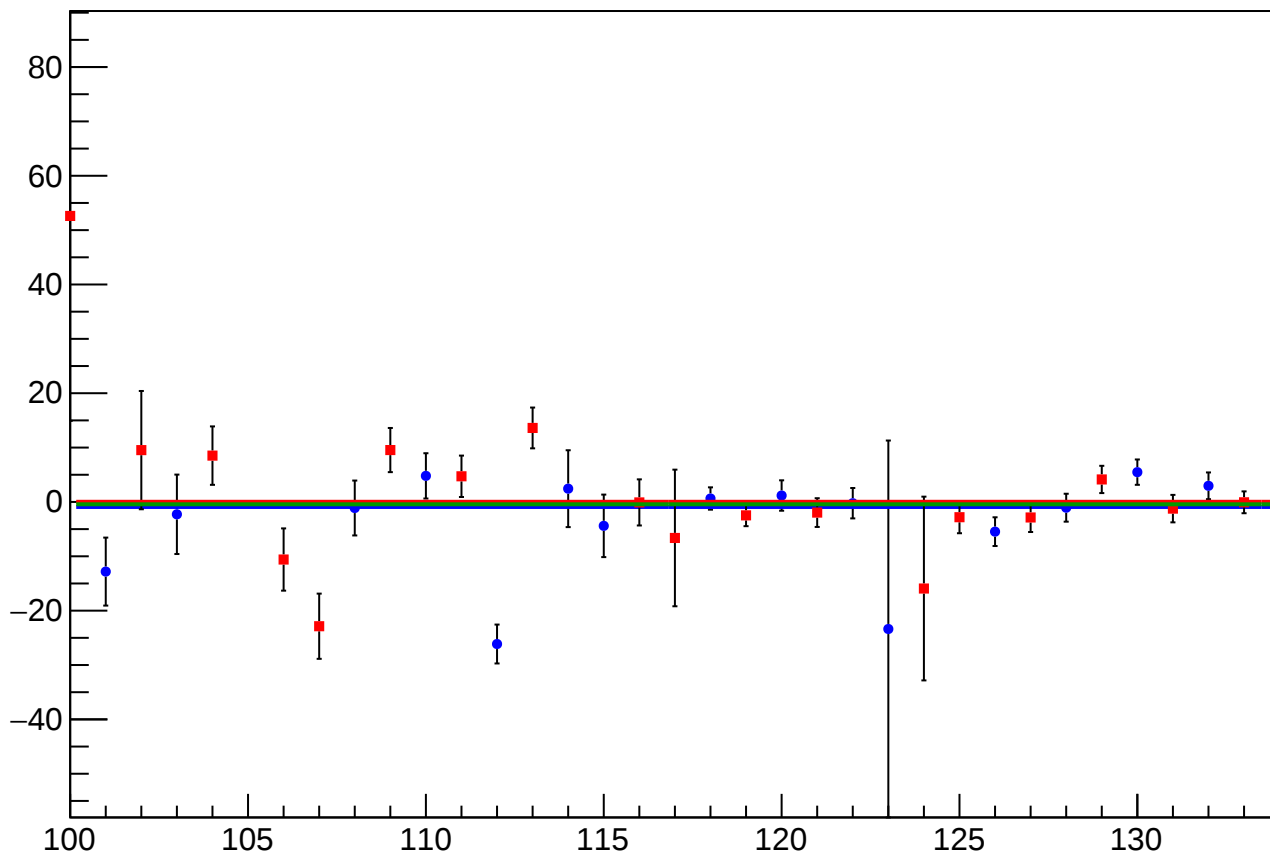
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.271+/-1.369 χ^2/NDF : 940.4/15

-5.469+/-0.951 χ^2/NDF : 2883.6/33

-27.574+/-1.321 χ^2/NDF : 1362.7/17

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.922 ± 0.814 χ^2/NDF : 70.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.795 χ^2/NDF : 51.7/17

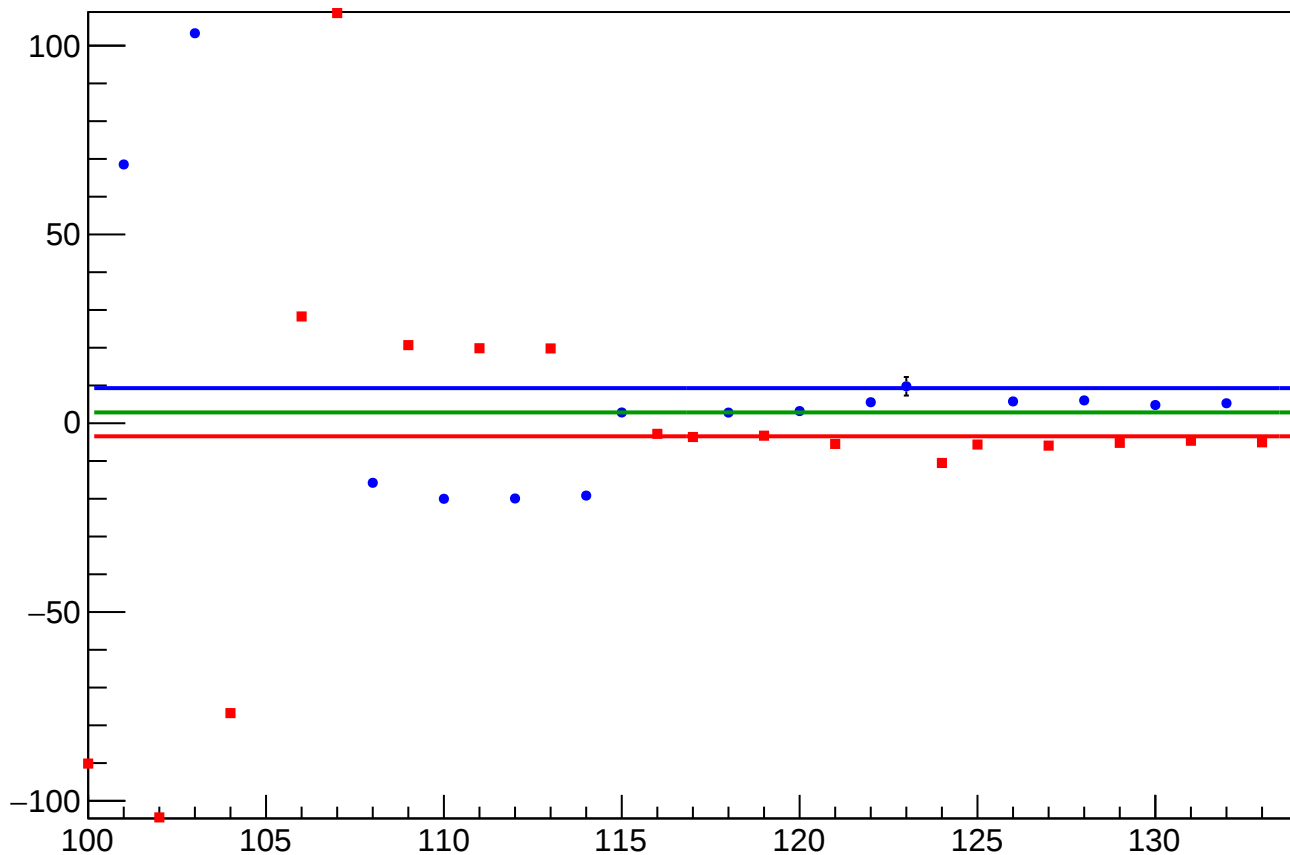
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.922 ± 0.814 χ^2/NDF : 70.7/15

-0.437 ± 0.569 χ^2/NDF : 123.0/33

0.027 ± 0.795 χ^2/NDF : 51.7/17

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.300 $\pm$ 0.053 χ^2/NDF : 352219.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3.457 $\pm$ 0.053 χ^2/NDF : 510576.5/17

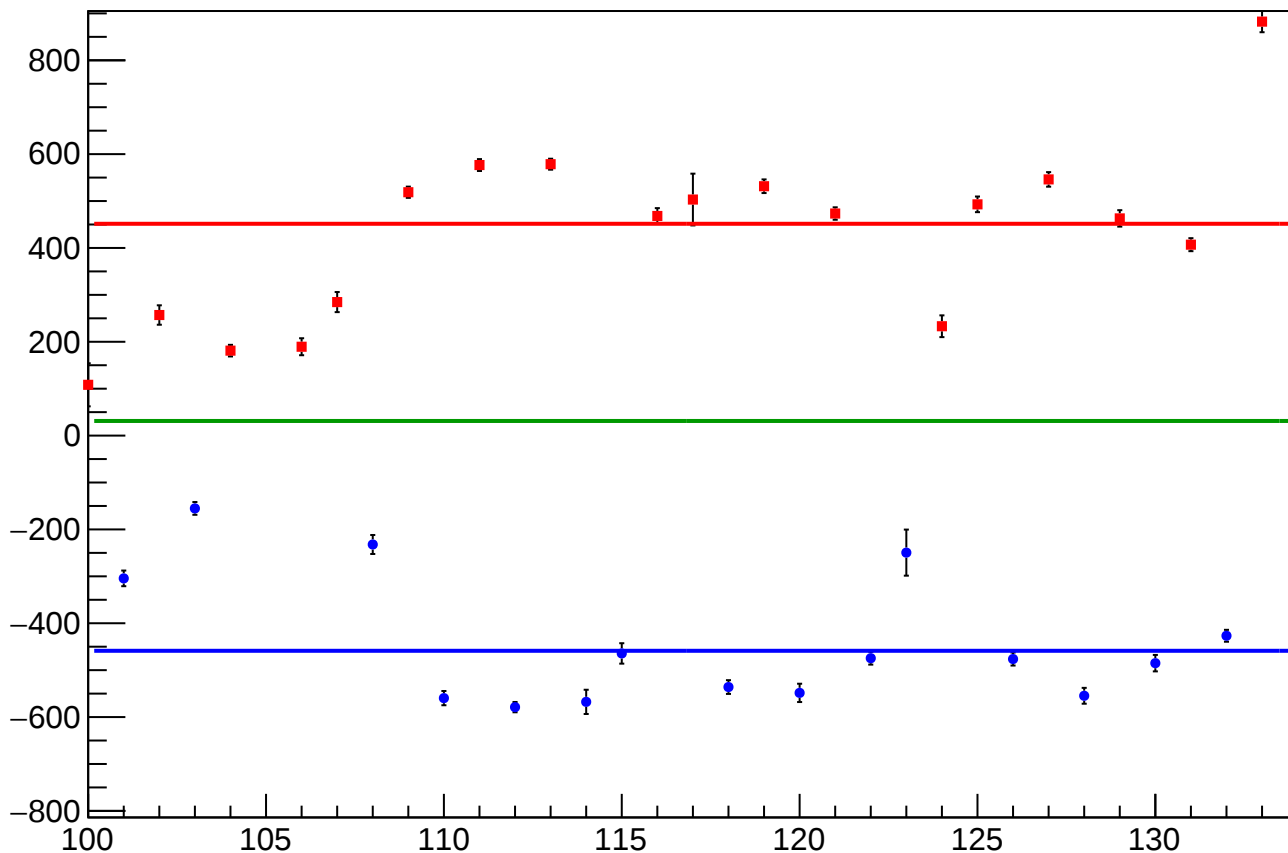
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.300 $\pm$ 0.053 χ^2/NDF : 352219.8/15

2.868 $\pm$ 0.038 χ^2/NDF : 891467.6/33

-3.457 $\pm$ 0.053 χ^2/NDF : 510576.5/17

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -458.722+/-4.096 χ^2/NDF : 1073.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 451.528+/-3.794 χ^2/NDF : 1680.8/17

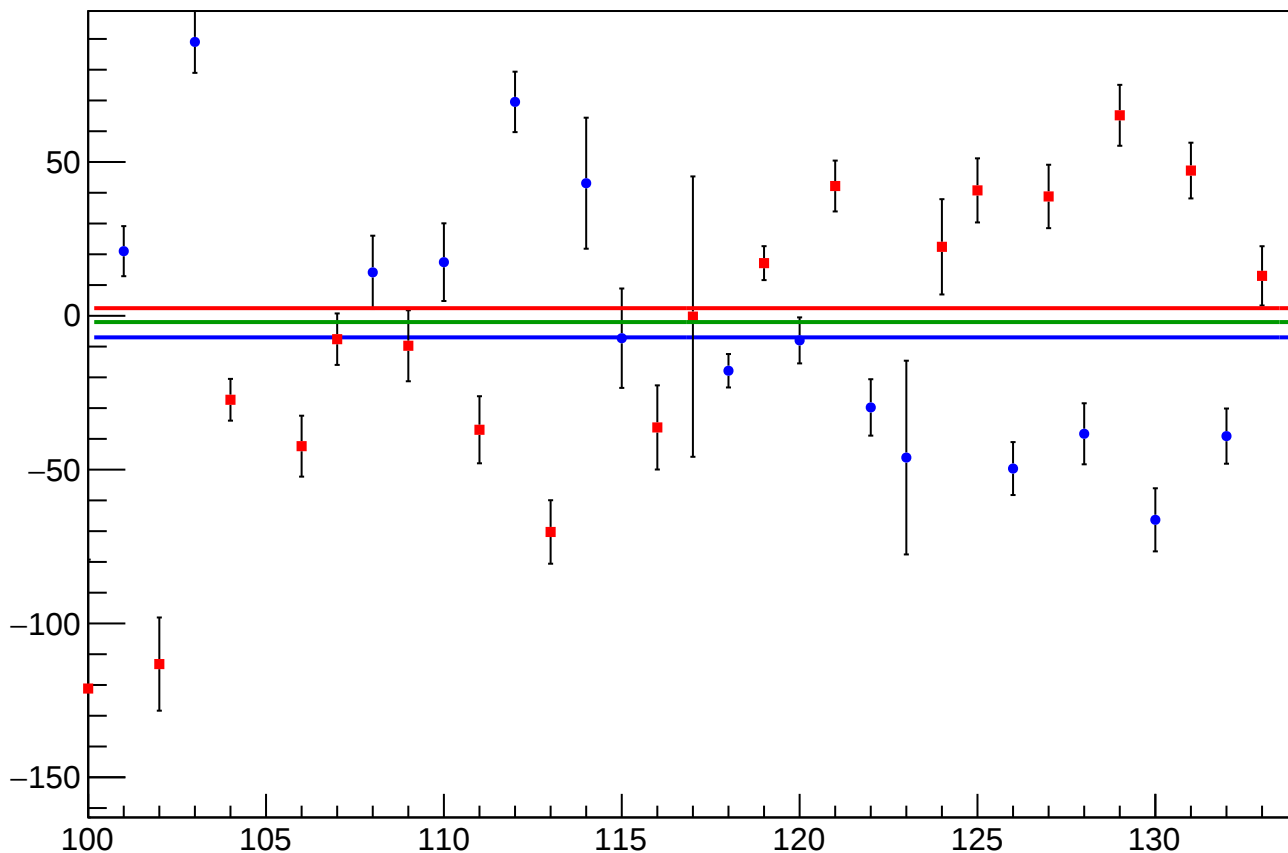
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-458.722+/-4.096 χ^2/NDF : 1073.8/15

31.193+/-2.783 χ^2/NDF : 29340.5/33

451.528+/-3.794 χ^2/NDF : 1680.8/17

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.004 ± 2.435 $\chi^2/\text{NDF}: 268.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.484 ± 2.320 $\chi^2/\text{NDF}: 303.6/17$

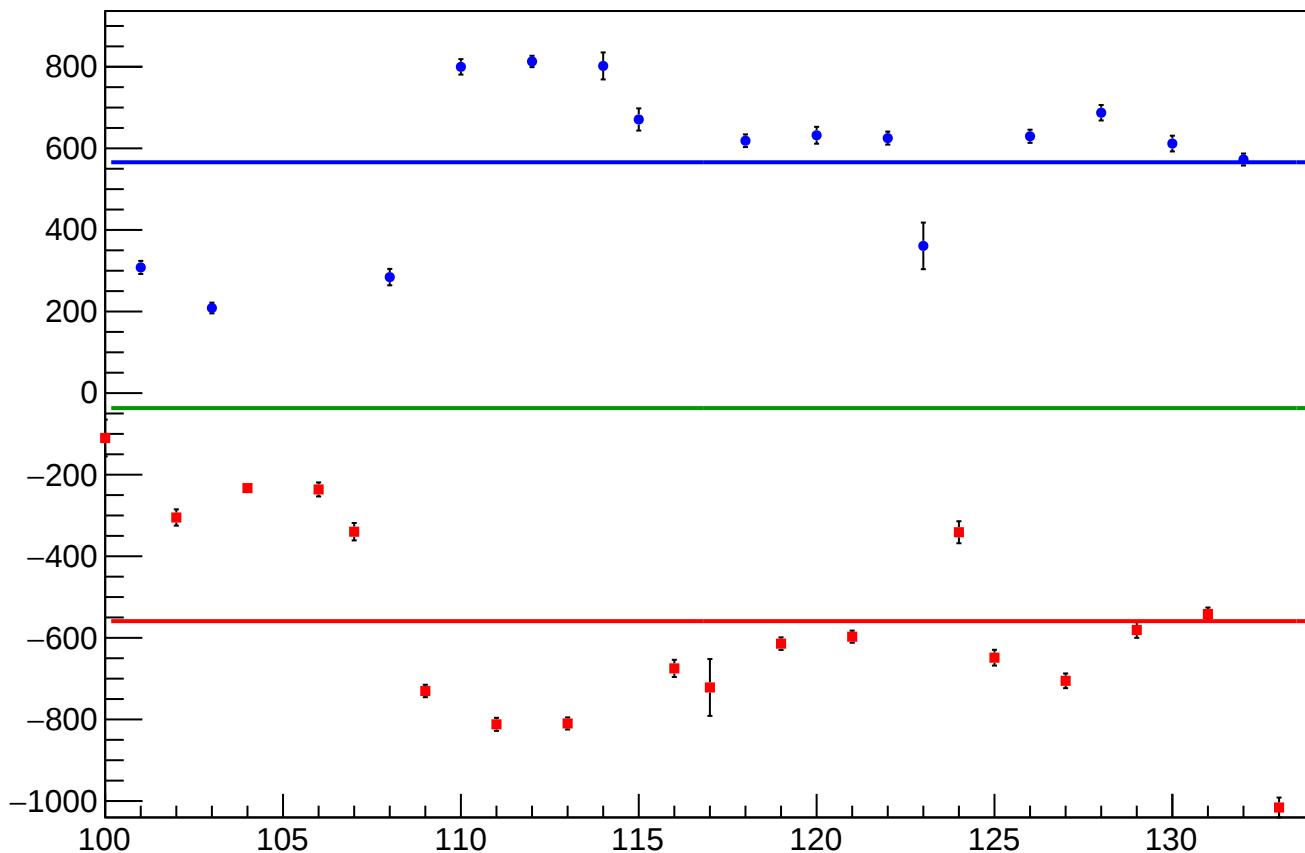
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-7.004 ± 2.435 $\chi^2/\text{NDF}: 268.9/15$

-2.032 ± 1.680 $\chi^2/\text{NDF}: 580.5/33$

2.484 ± 2.320 $\chi^2/\text{NDF}: 303.6/17$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 565.890+/-4.587 χ^2/NDF : 1896.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.021+/-4.271 χ^2/NDF : 2677.9/17

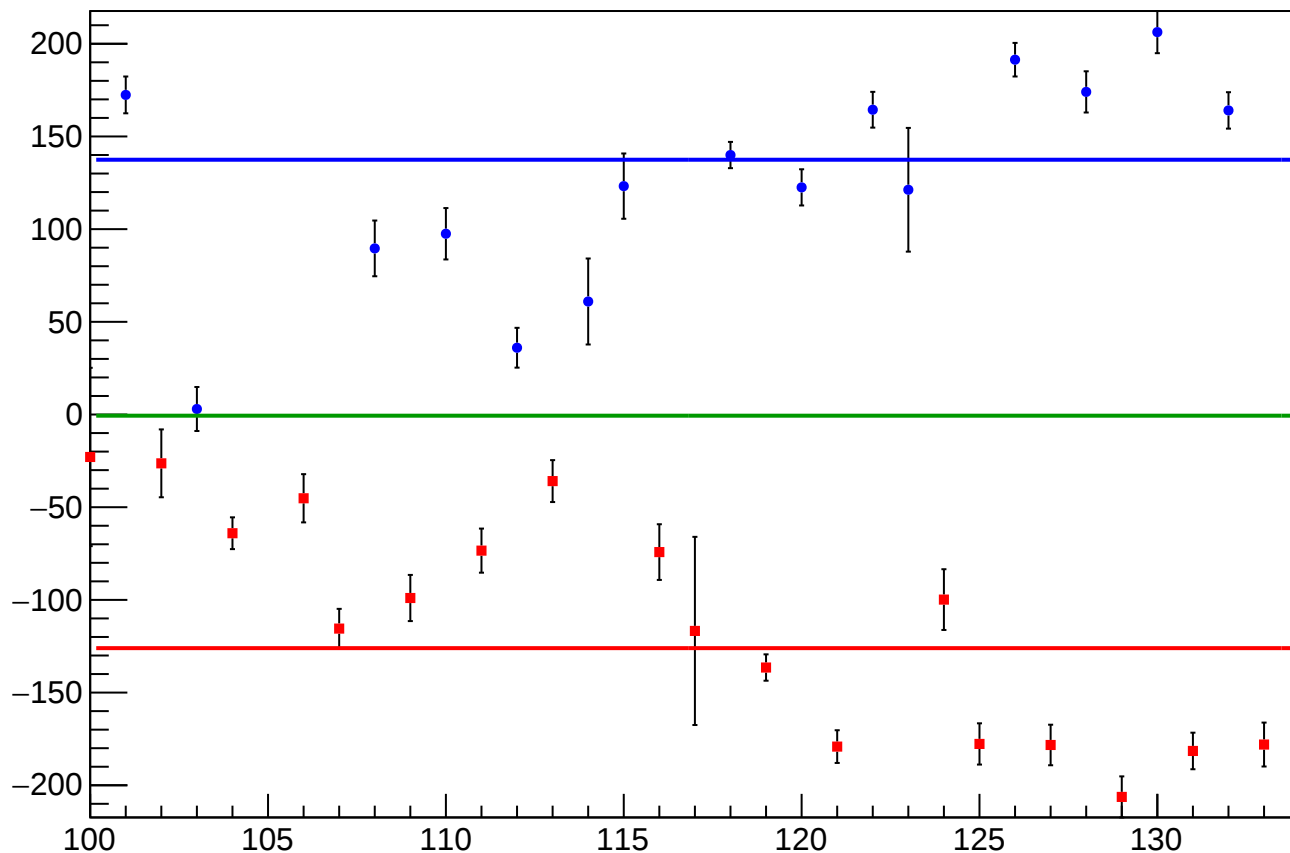
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

565.890+/-4.587 χ^2/NDF : 1896.5/15

-36.706+/-3.126 χ^2/NDF : 36789.0/33

-559.021+/-4.271 χ^2/NDF : 2677.9/17

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 137.445+/-2.843 χ^2/NDF : 369.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.026+/-2.709 χ^2/NDF : 414.5/17

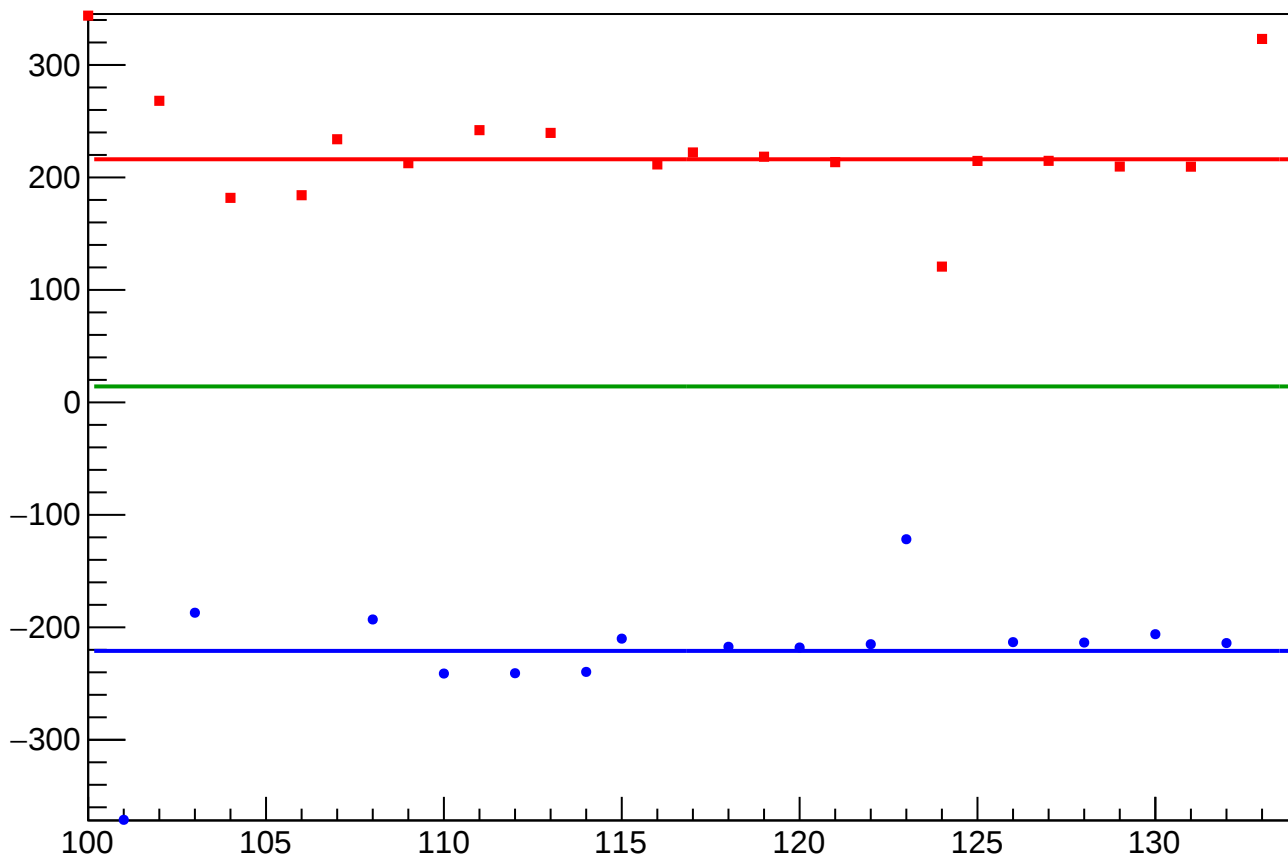
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.445+/-2.843 χ^2/NDF : 369.8/15

-0.628+/-1.961 χ^2/NDF : 5286.2/33

-126.026+/-2.709 χ^2/NDF : 414.5/17

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.947 $\pm$ 0.163 χ^2/NDF : 102415.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 216.152 $\pm$ 0.151 χ^2/NDF : 60452.9/17

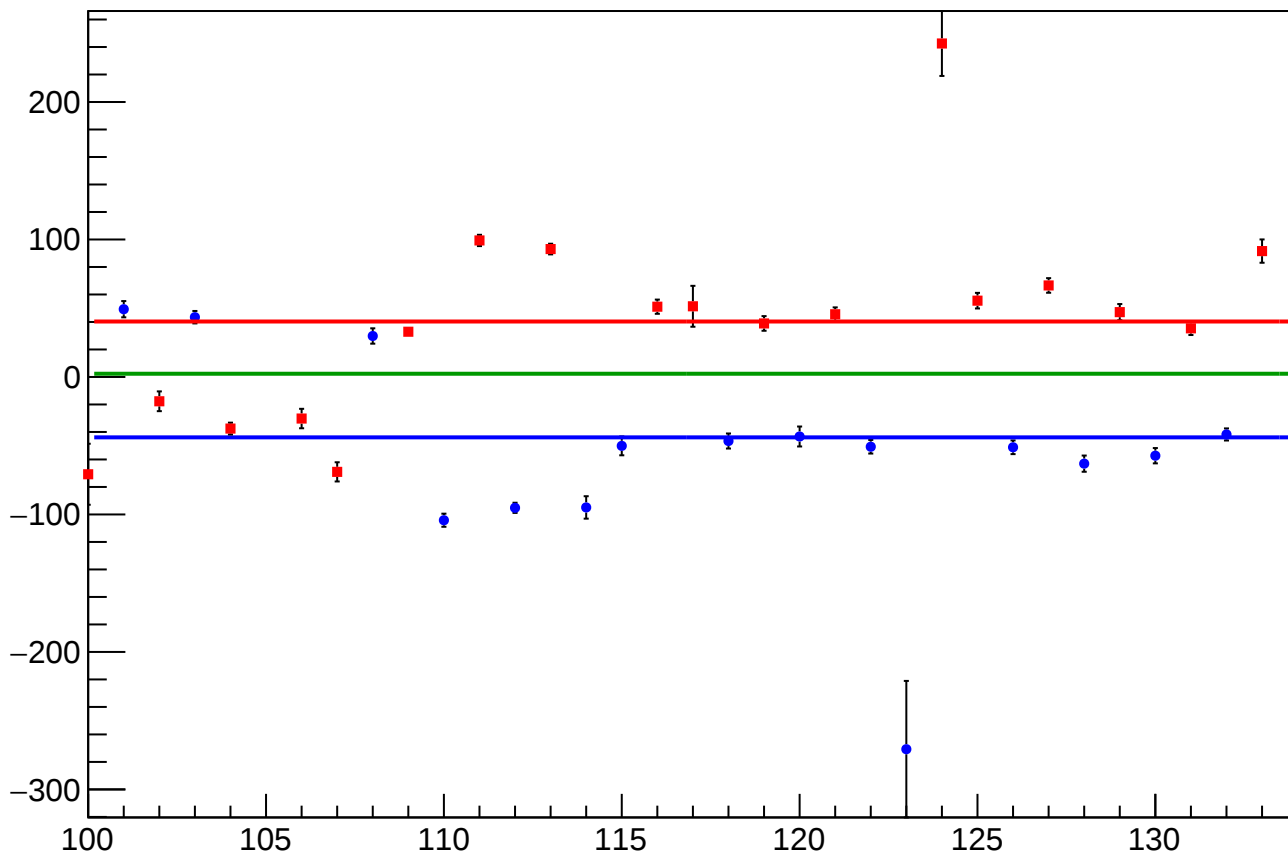
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-220.947 $\pm$ 0.163 χ^2/NDF : 102415.4/15

14.183 $\pm$ 0.111 χ^2/NDF : 4038426.0/33

216.152 $\pm$ 0.151 χ^2/NDF : 60452.9/17

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -43.924+/-1.391 χ^2/NDF : 1252.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.346+/-1.260 χ^2/NDF : 1309.8/17

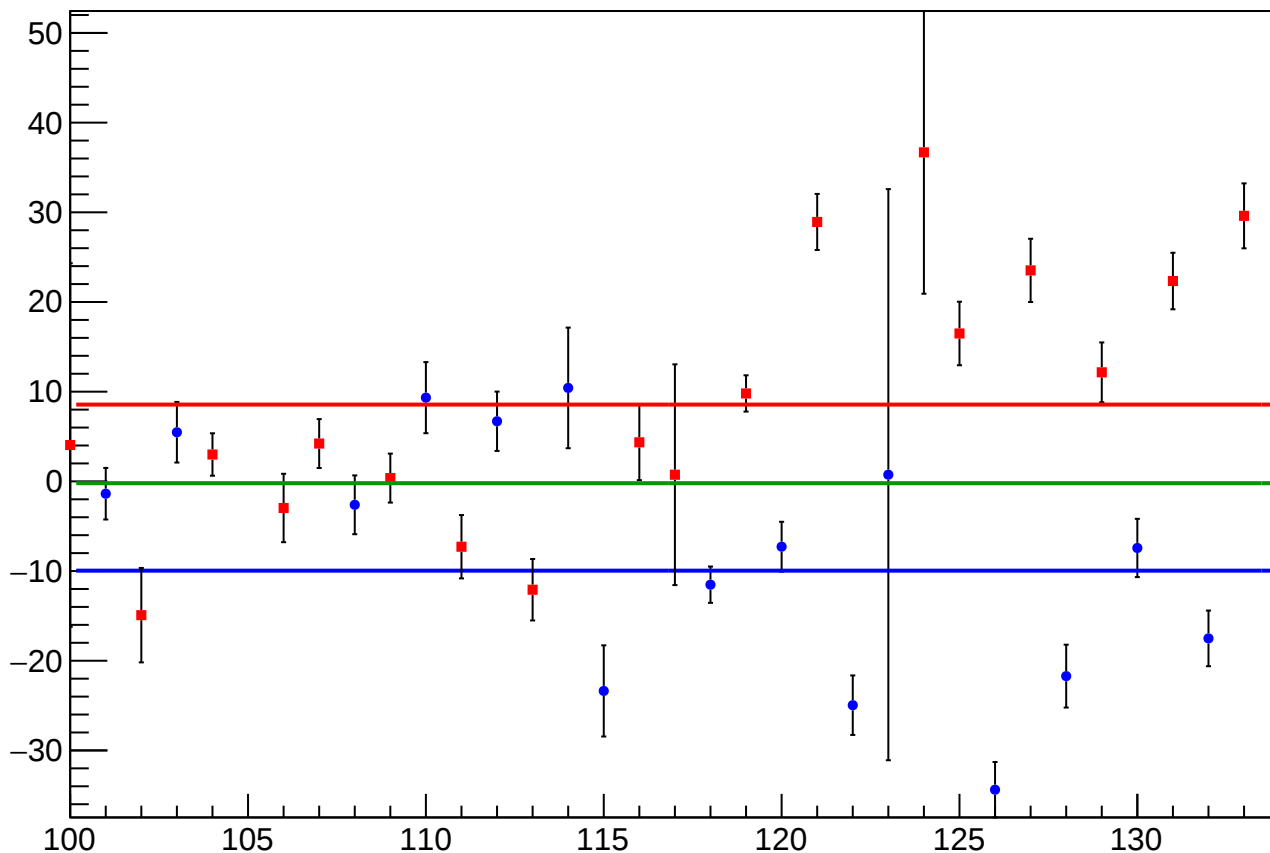
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.924+/-1.391 χ^2/NDF : 1252.4/15

2.351+/-0.934 χ^2/NDF : 4577.9/33

40.346+/-1.260 χ^2/NDF : 1309.8/17

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.955+/-0.844 χ^2/NDF : 204.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.563+/-0.800 χ^2/NDF : 227.1/17

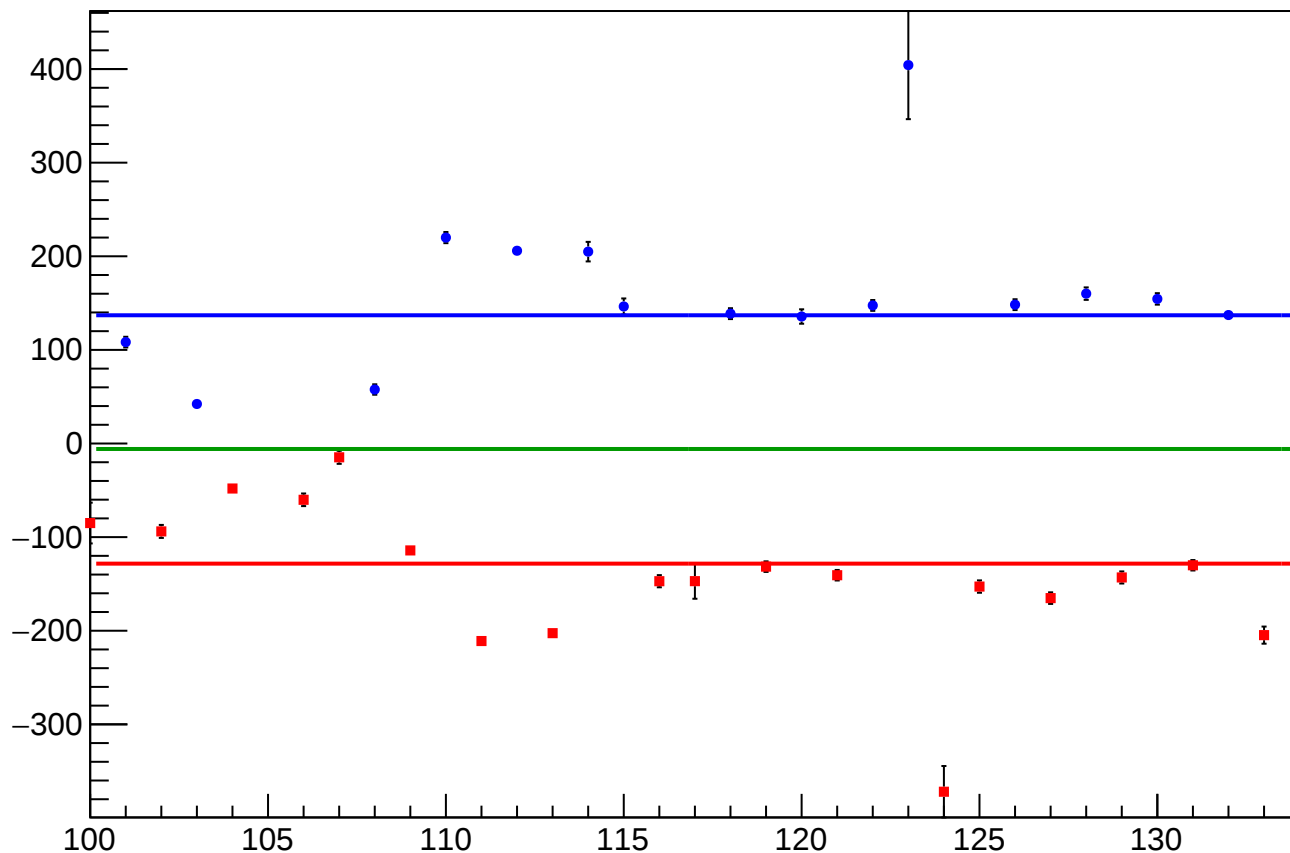
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.955+/-0.844 χ^2/NDF : 204.9/15

-0.202+/-0.581 χ^2/NDF : 685.3/33

8.563+/-0.800 χ^2/NDF : 227.1/17

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 136.987 $\pm$ 1.558 χ^2 /NDF: 1229.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.328 $\pm$ 1.443 χ^2 /NDF: 1478.4/17

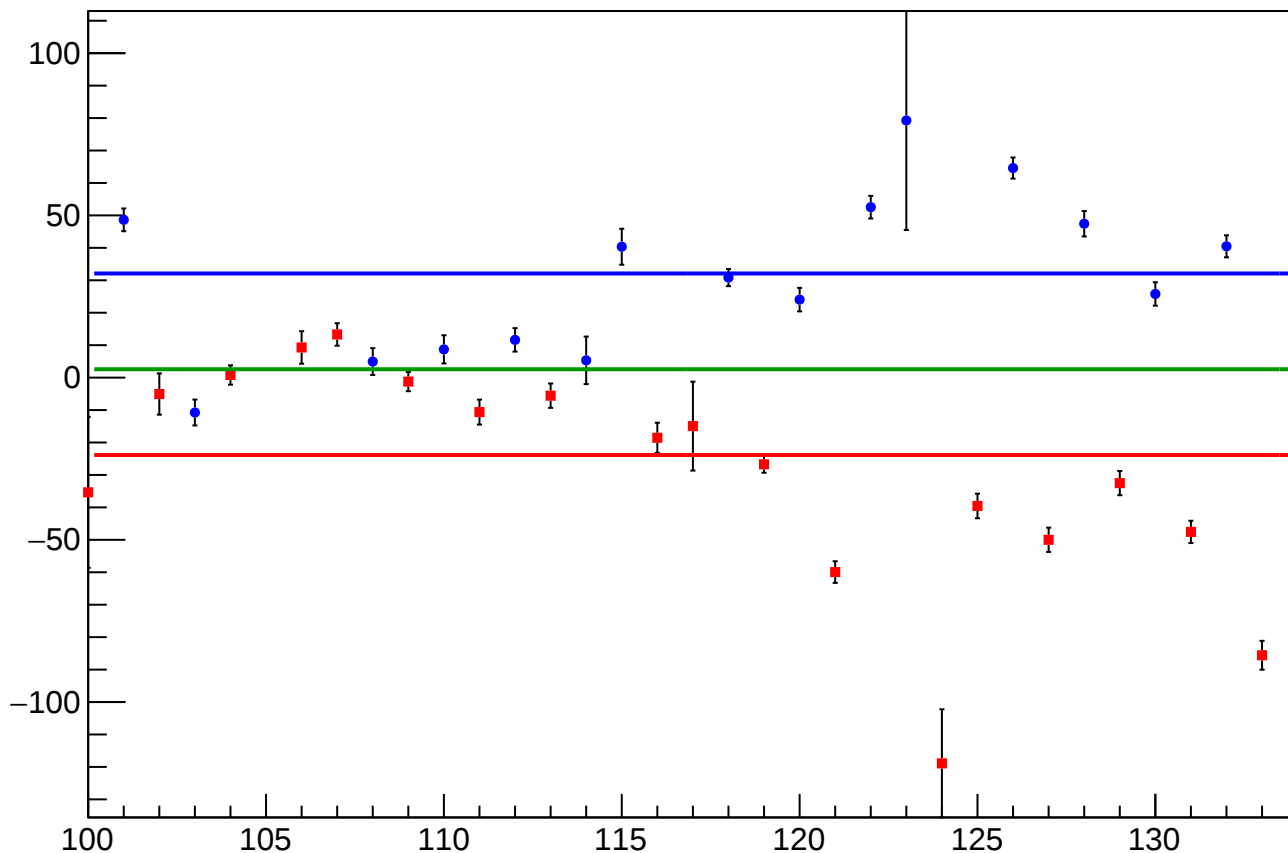
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

136.987 $\pm$ 1.558 χ^2 /NDF: 1229.5/15

-5.847 $\pm$ 1.058 χ^2 /NDF: 18322.7/33

-128.328 $\pm$ 1.443 χ^2 /NDF: 1478.4/17

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.099+/-0.983 χ^2/NDF : 442.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.852+/-0.930 χ^2/NDF : 794.3/17

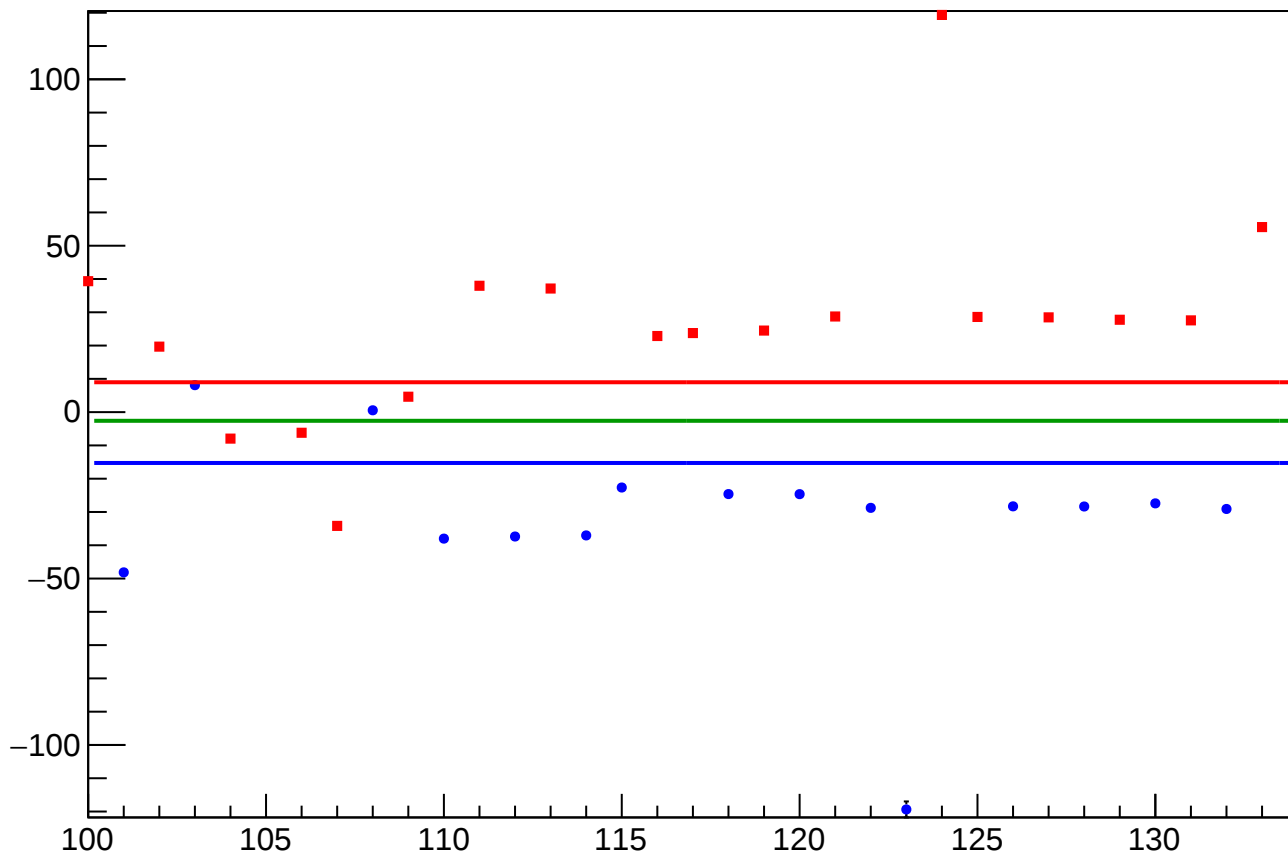
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.099+/-0.983 χ^2/NDF : 442.6/15

2.580+/-0.675 χ^2/NDF : 2947.3/33

-23.852+/-0.930 χ^2/NDF : 794.3/17

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.273+/-0.054 χ^2/NDF : 158330.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.977+/-0.051 χ^2/NDF : 199688.6/17

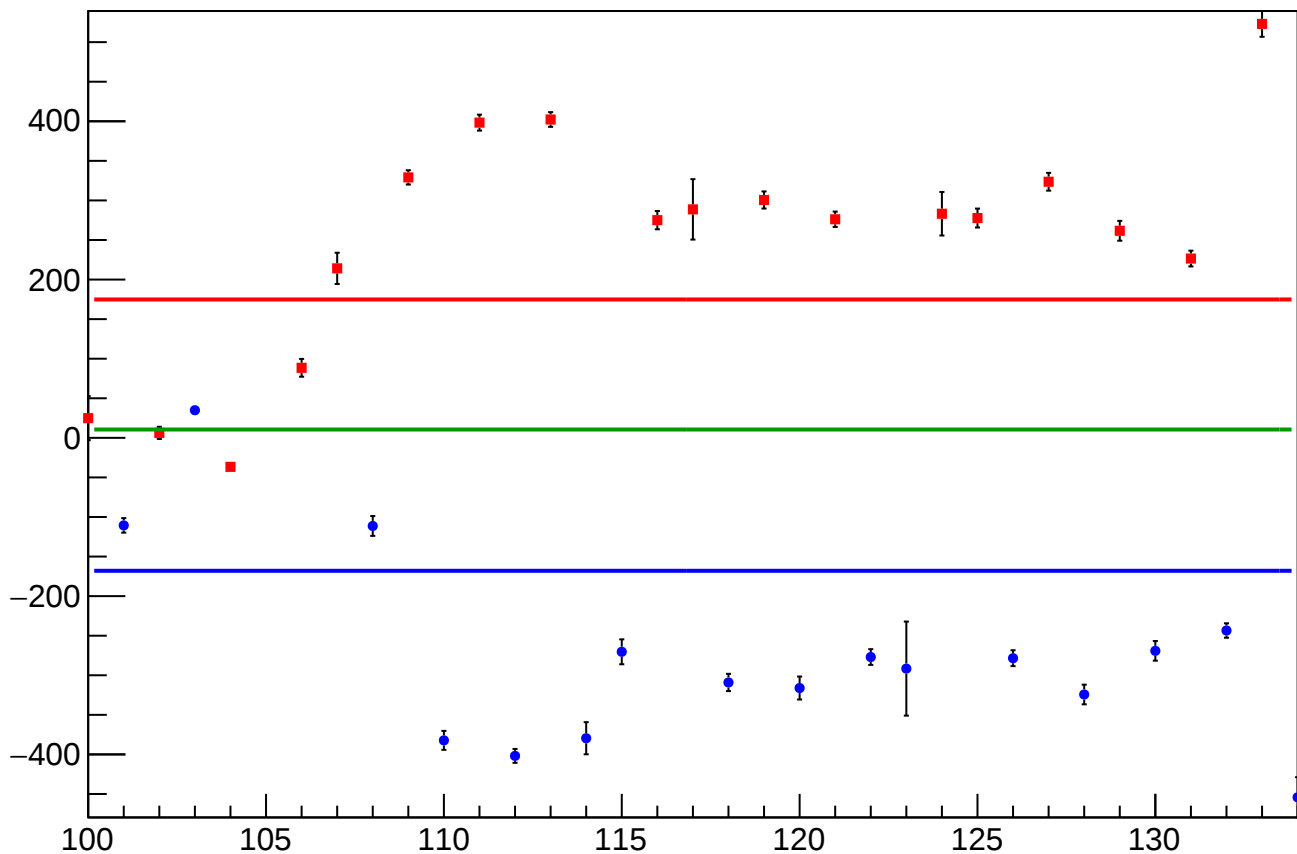
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-15.273+/-0.054 χ^2/NDF : 158330.2/15

-2.604+/-0.037 χ^2/NDF : 464267.1/33

8.977+/-0.051 χ^2/NDF : 199688.6/17

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -167.983+/-2.488 χ^2/NDF : 4525.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.860+/-2.386 χ^2/NDF : 5295.1/17

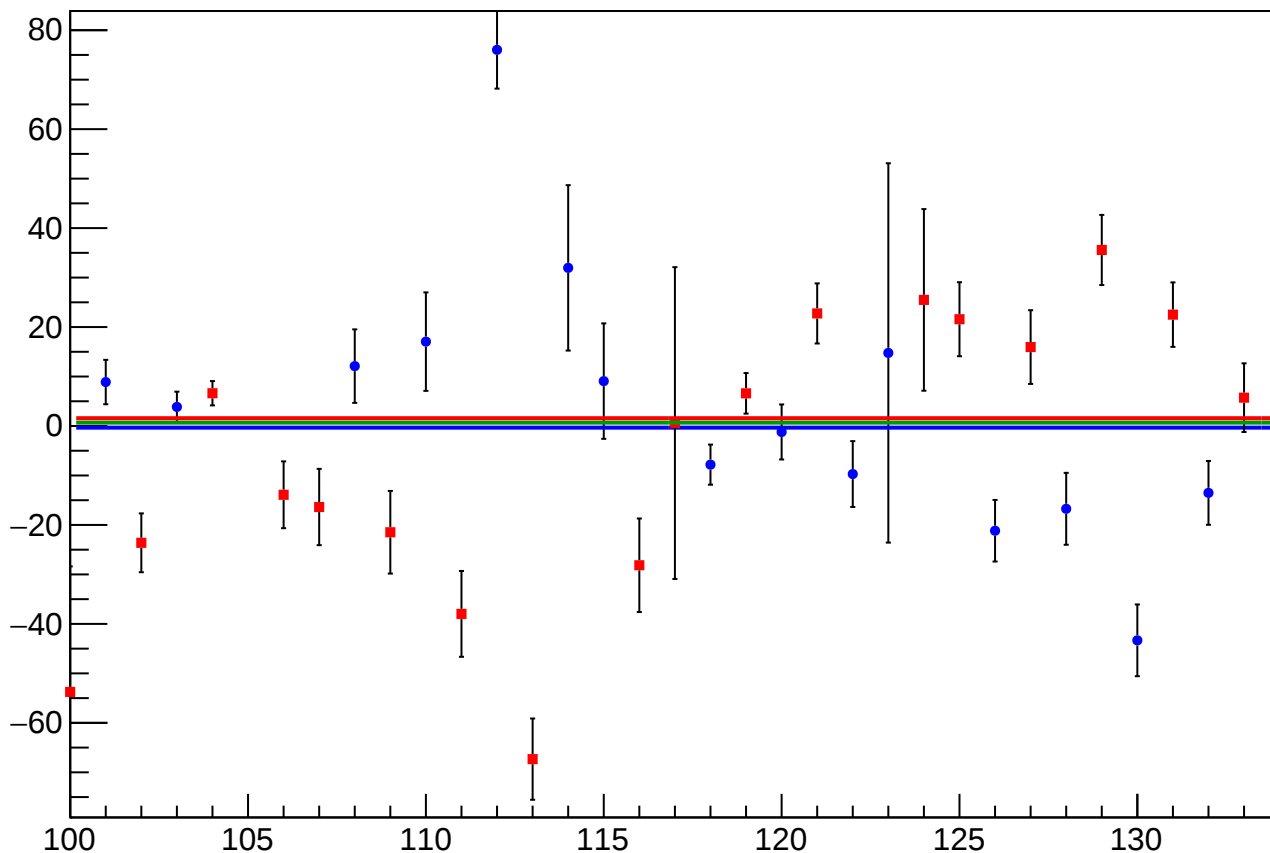
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-167.983+/-2.488 χ^2/NDF : 4525.1/15

10.546+/-1.722 χ^2/NDF : 19711.6/33

174.860+/-2.386 χ^2/NDF : 5295.1/17

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.332 ± 1.538 $\chi^2/\text{NDF}: 172.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.578 ± 1.446 $\chi^2/\text{NDF}: 206.2/17$

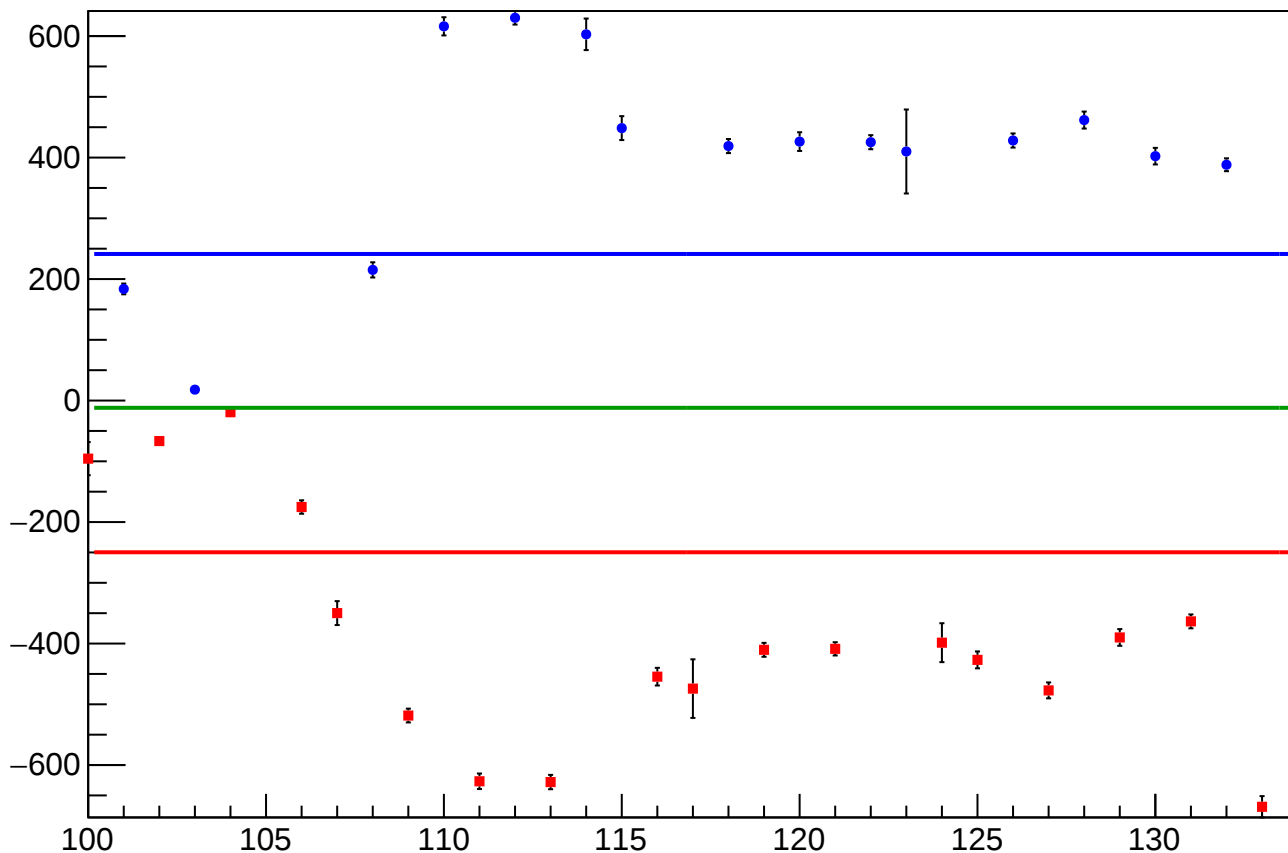
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.332 ± 1.538 $\chi^2/\text{NDF}: 172.7/15$

0.682 ± 1.053 $\chi^2/\text{NDF}: 379.7/33$

1.578 ± 1.446 $\chi^2/\text{NDF}: 206.2/17$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 241.312+/-2.635 χ^2/NDF : 6864.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -249.732+/-2.553 χ^2/NDF : 7856.8/17

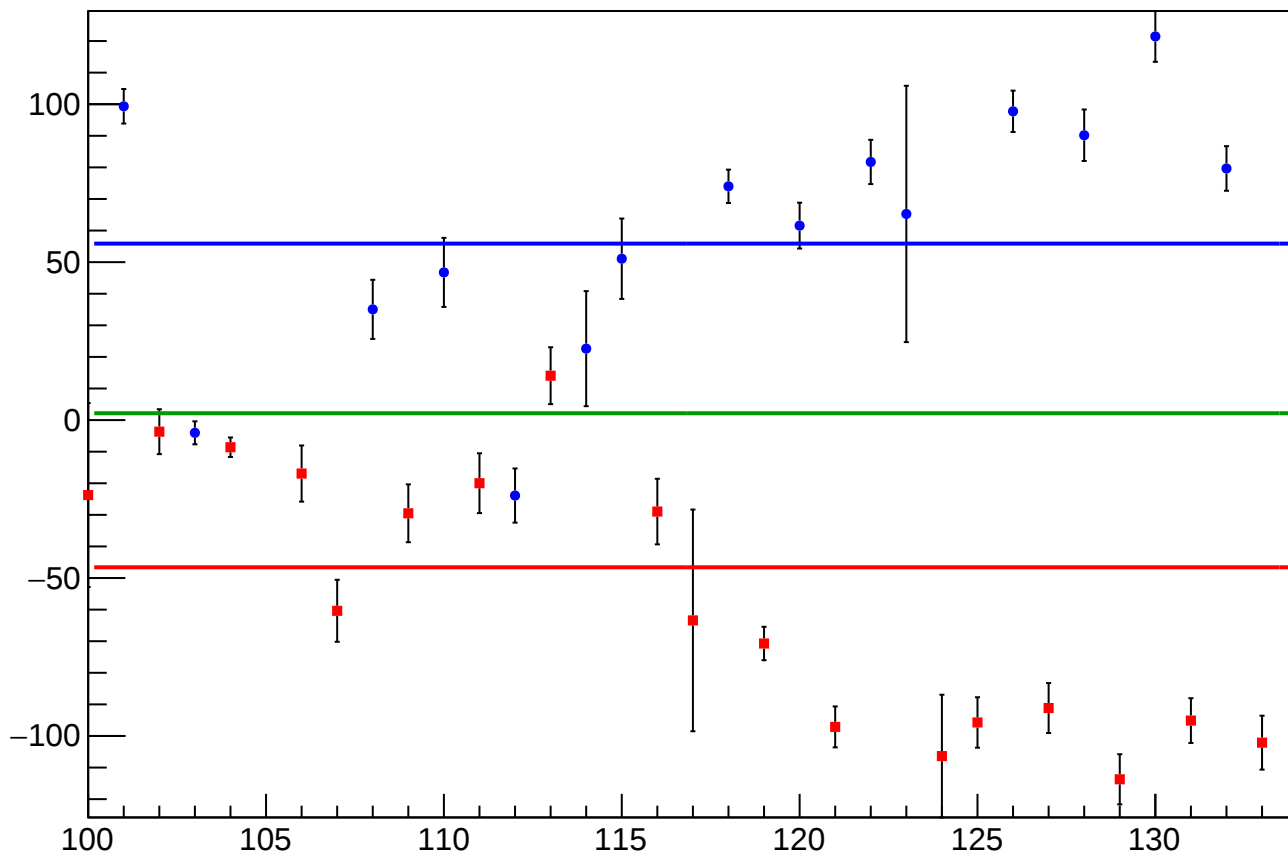
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

241.312+/-2.635 χ^2/NDF : 6864.3/15

-11.917+/-1.834 χ^2/NDF : 32632.2/33

-249.732+/-2.553 χ^2/NDF : 7856.8/17

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.867 $\pm$ 1.805 χ^2 /NDF: 610.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.601 $\pm$ 1.720 χ^2 /NDF: 583.3/17

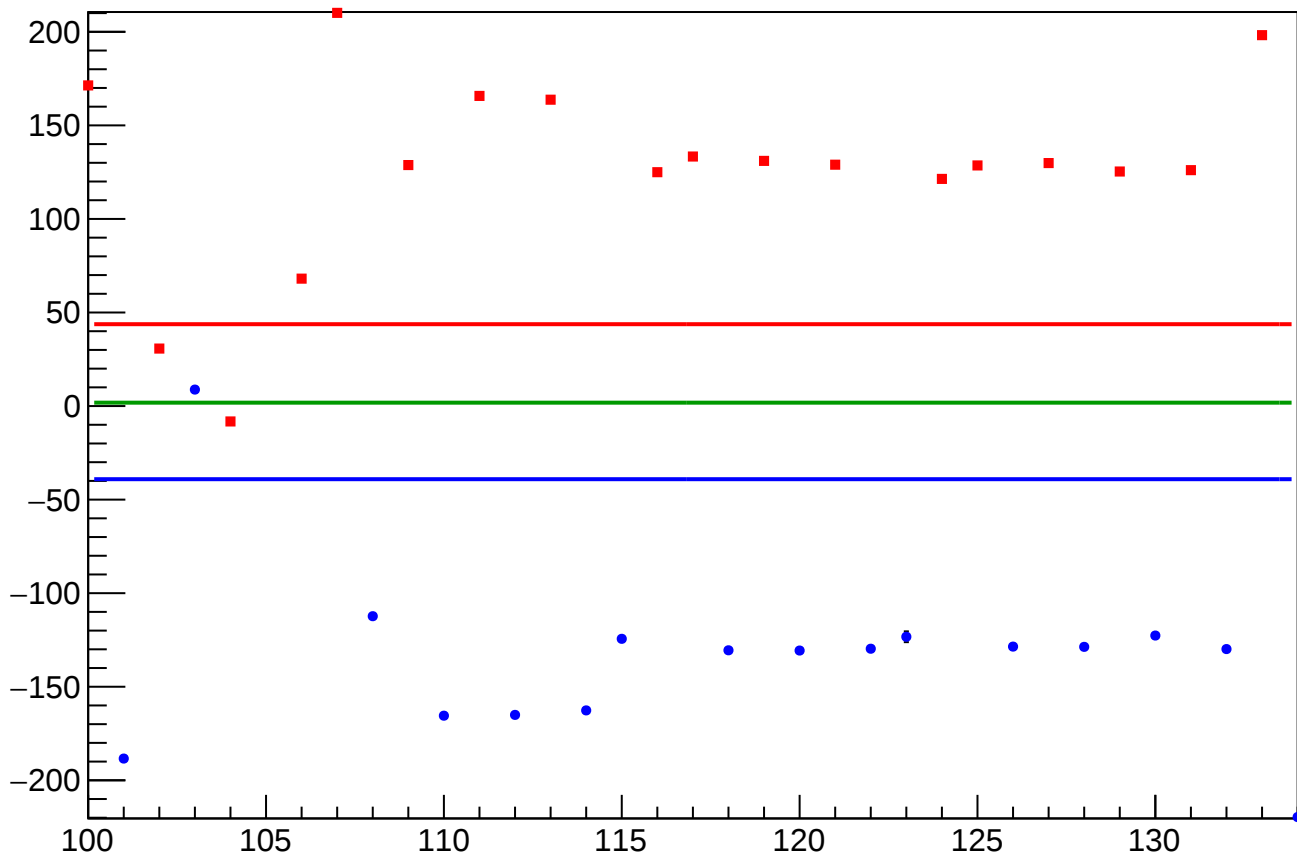
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

55.867 $\pm$ 1.805 χ^2 /NDF: 610.8/15

2.173 $\pm$ 1.245 χ^2 /NDF: 2883.1/33

-46.601 $\pm$ 1.720 χ^2 /NDF: 583.3/17

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.083 ± 0.075 $\chi^2/\text{NDF}: 929515.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.751 ± 0.076 $\chi^2/\text{NDF}: 743140.1/17$

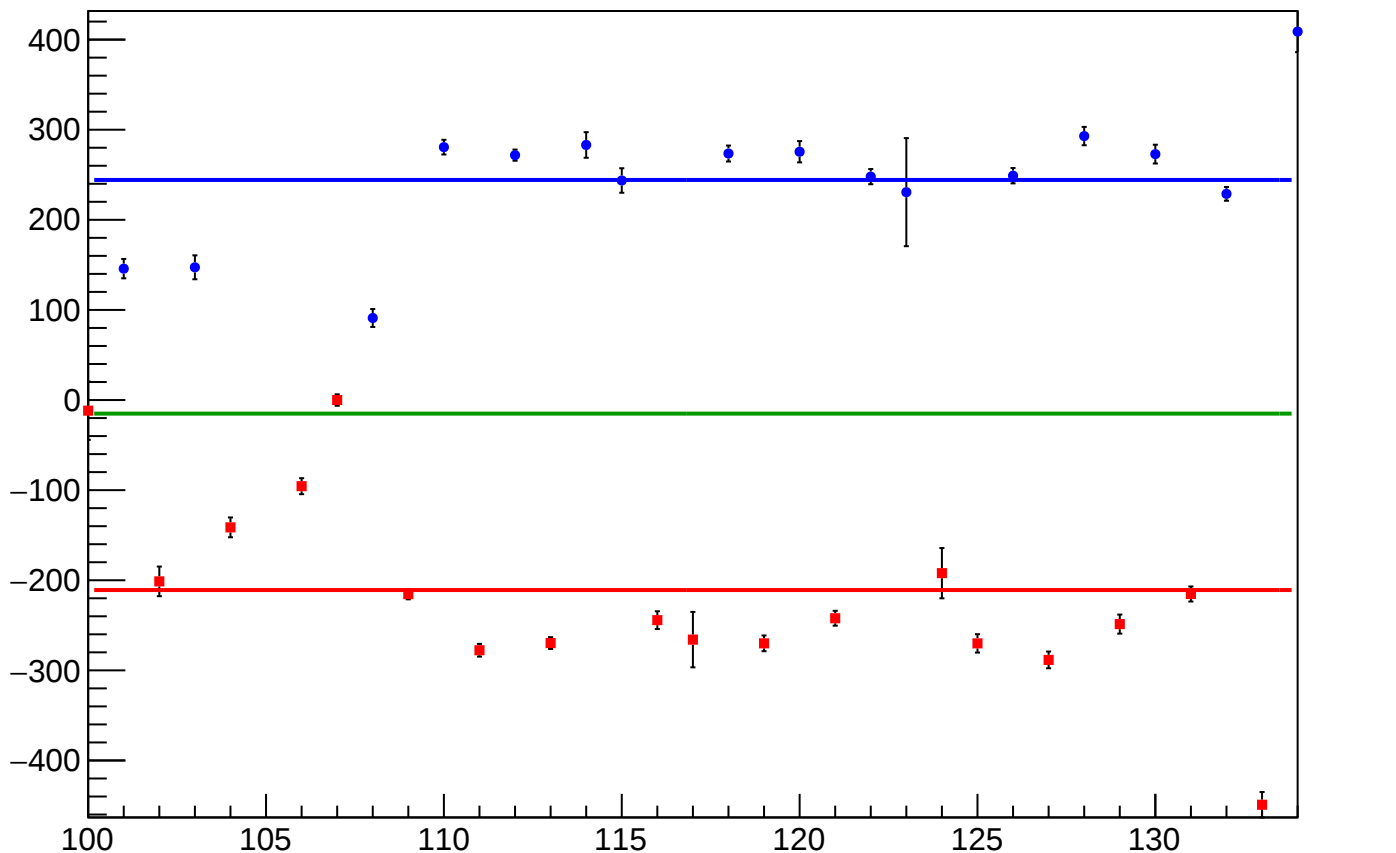
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-39.083 ± 0.075 $\chi^2/\text{NDF}: 929515.0/15$

1.816 ± 0.053 $\chi^2/\text{NDF}: 2273643.3/33$

43.751 ± 0.076 $\chi^2/\text{NDF}: 743140.1/17$

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 244.244 ± 2.484 χ^2/NDF : 526.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -210.863 ± 2.159 χ^2/NDF : 2005.0/17

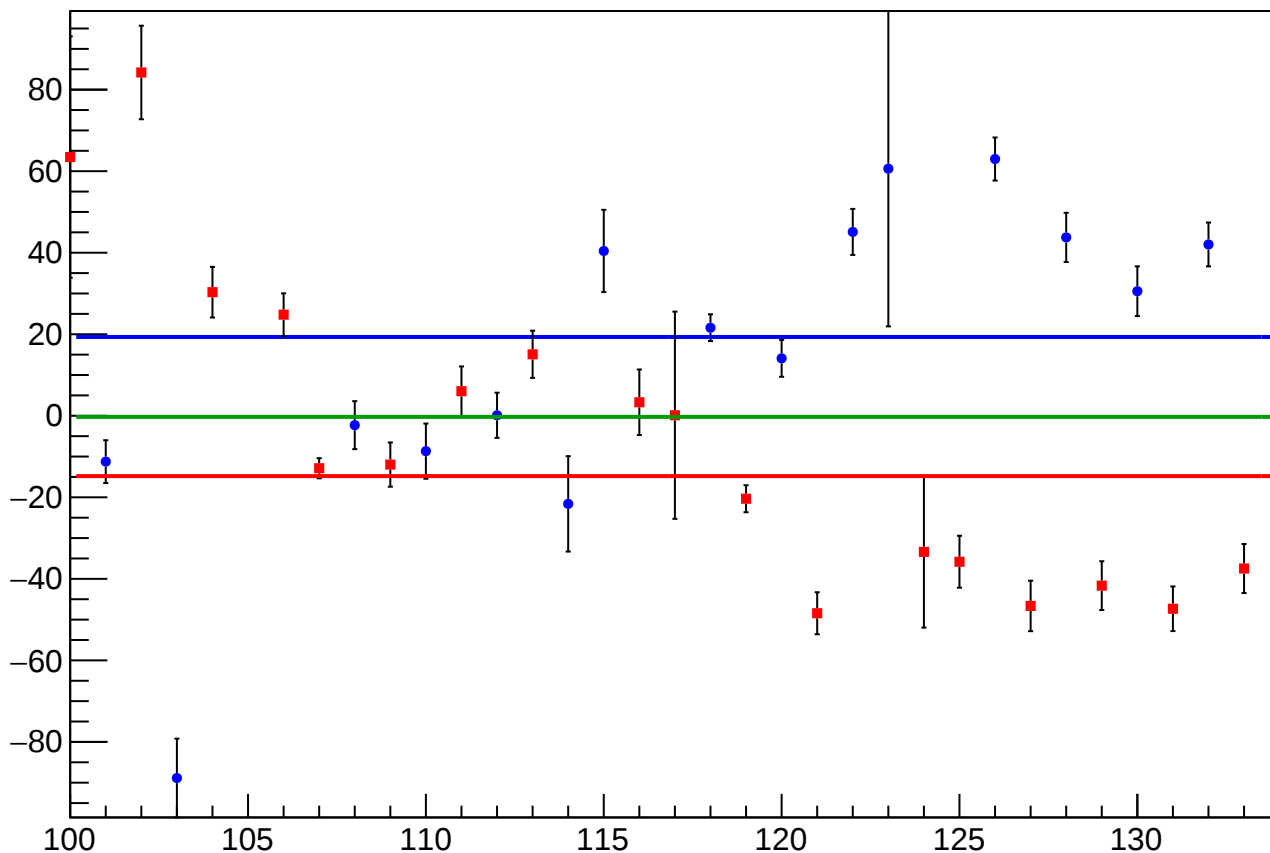
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

244.244 ± 2.484 χ^2/NDF : 526.5/15

-15.070 ± 1.629 χ^2/NDF : 21654.8/33

-210.863 ± 2.159 χ^2/NDF : 2005.0/17

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.332 $\pm$ 1.482 χ^2 /NDF: 349.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.800 $\pm$ 1.275 χ^2 /NDF: 390.1/17

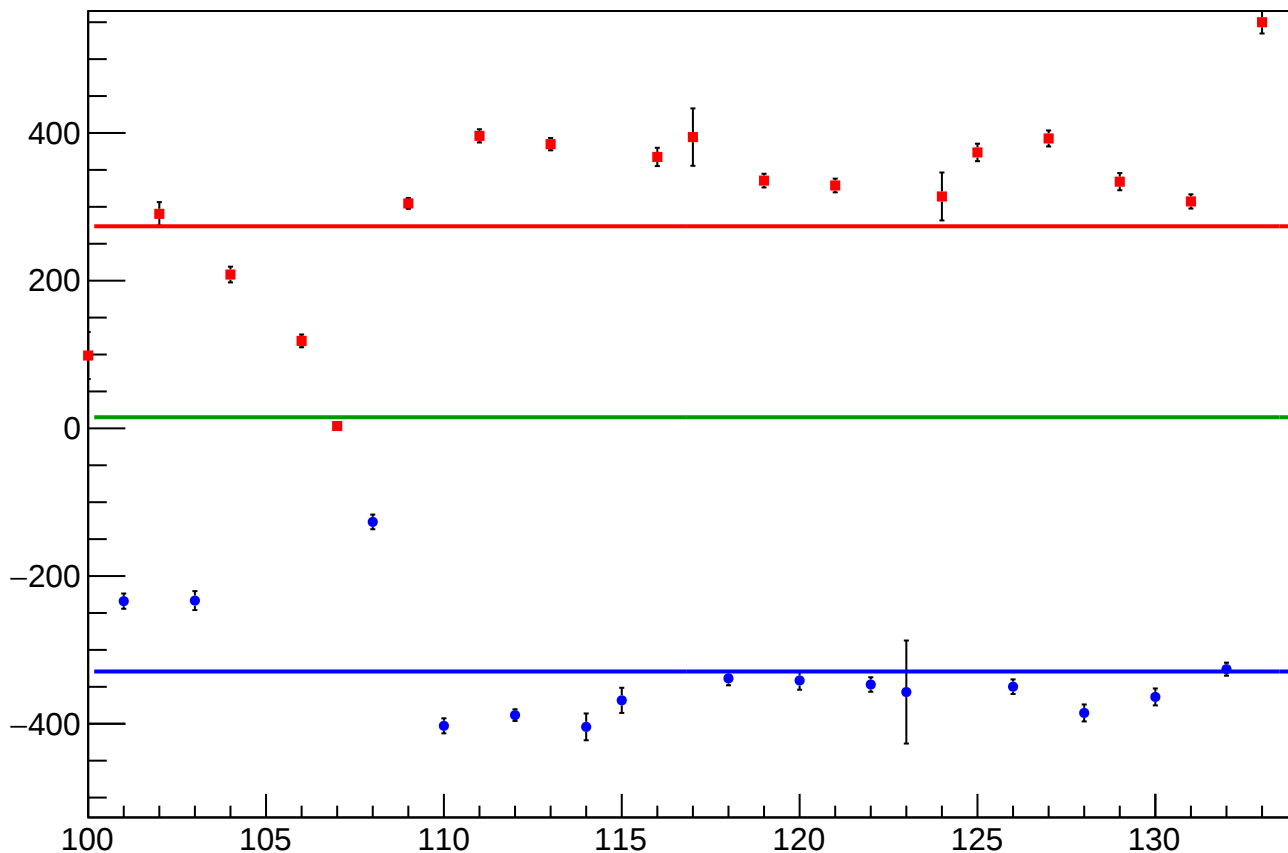
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

19.332 $\pm$ 1.482 χ^2 /NDF: 349.4/15

-0.273 $\pm$ 0.967 χ^2 /NDF: 1044.3/33

-14.800 $\pm$ 1.275 χ^2 /NDF: 390.1/17

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -329.264 ± 2.818 χ^2/NDF : 779.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 273.675 ± 2.442 χ^2/NDF : 3319.2/17

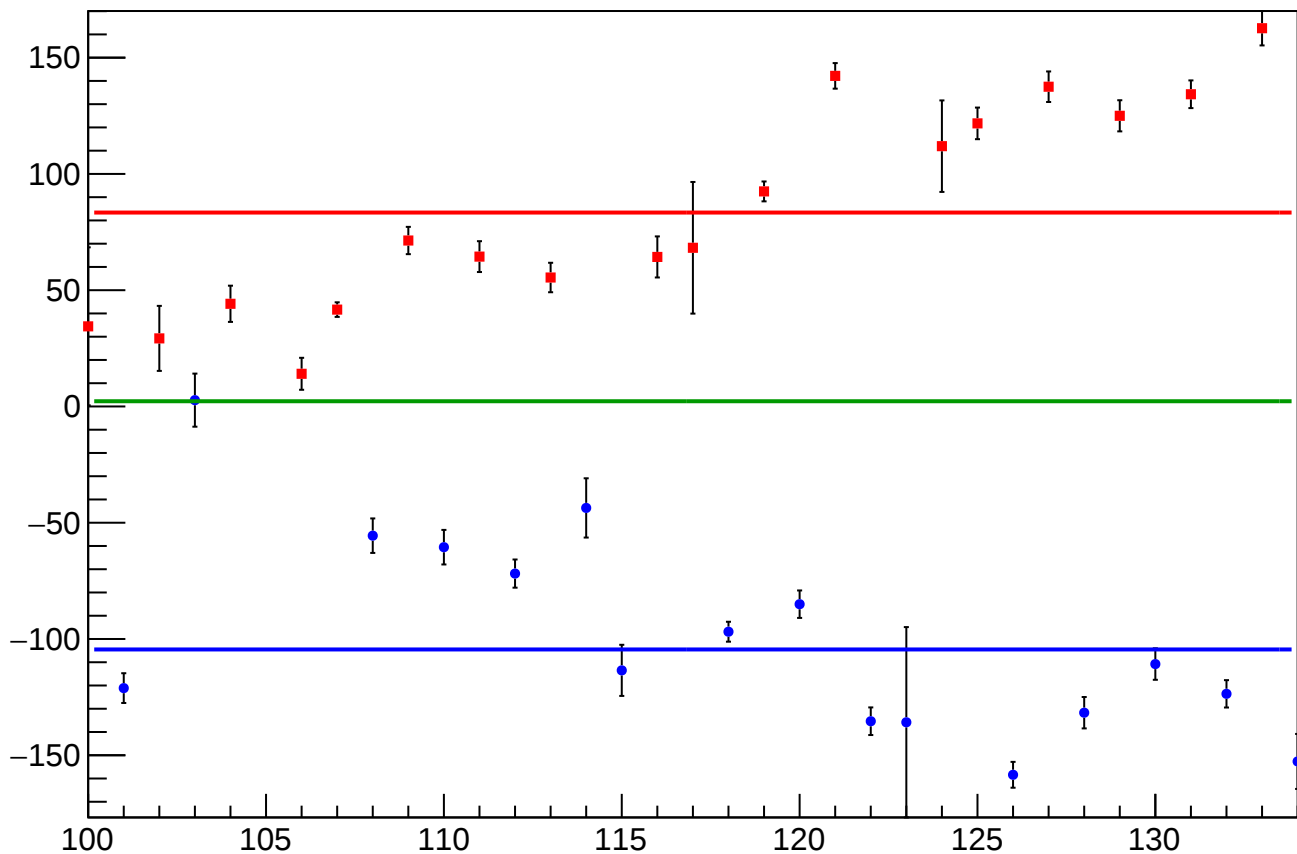
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-329.264 ± 2.818 χ^2/NDF : 779.2/15

15.074 ± 1.846 χ^2/NDF : 30242.6/33

273.675 ± 2.442 χ^2/NDF : 3319.2/17

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -104.502 $\pm$ 1.729 χ^2 /NDF: 405.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.392 $\pm$ 1.508 χ^2 /NDF: 804.7/17

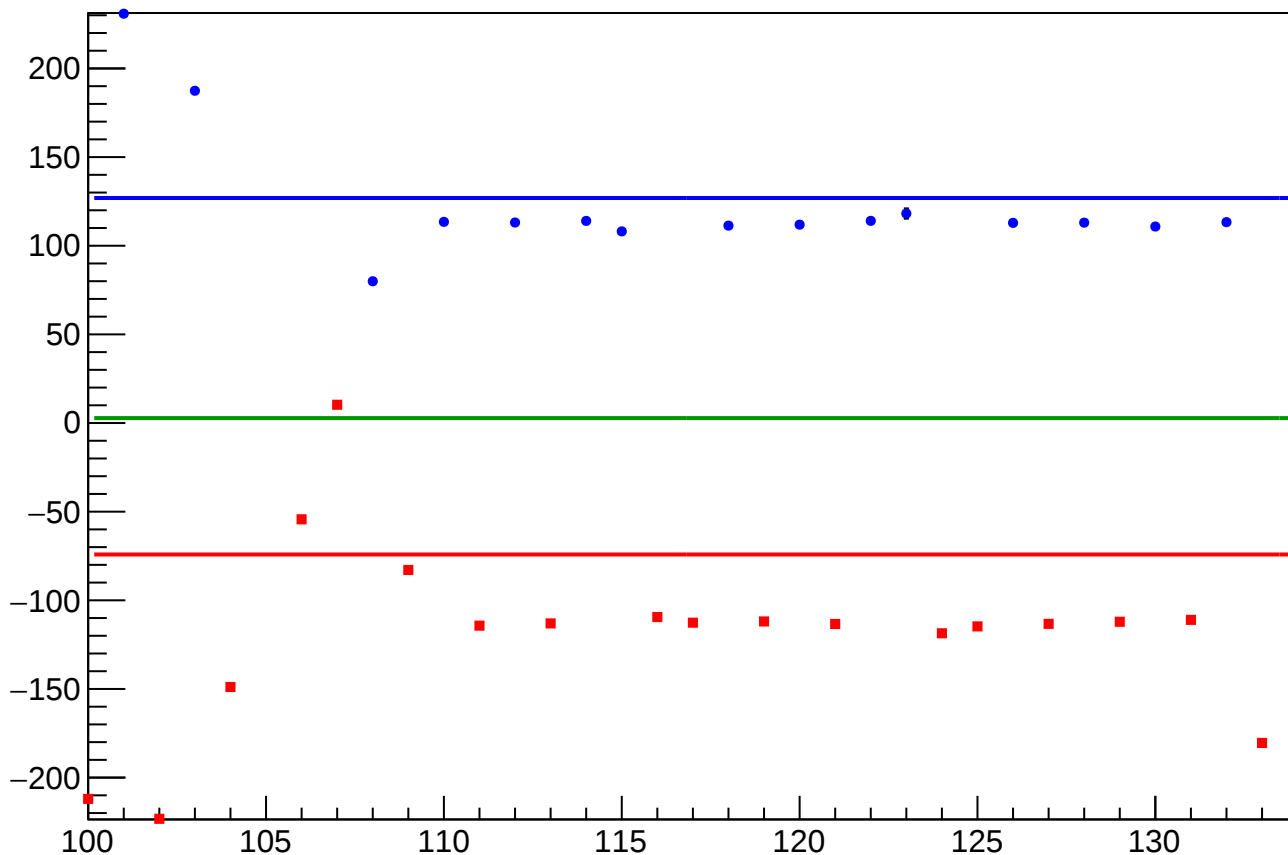
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-104.502 $\pm$ 1.729 χ^2 /NDF: 405.9/15

2.244 $\pm$ 1.137 χ^2 /NDF: 7916.9/33

83.392 $\pm$ 1.508 χ^2 /NDF: 804.7/17

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 126.930+/-0.105 χ^2/NDF : 187724.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.153+/-0.082 χ^2/NDF : 701122.0/17

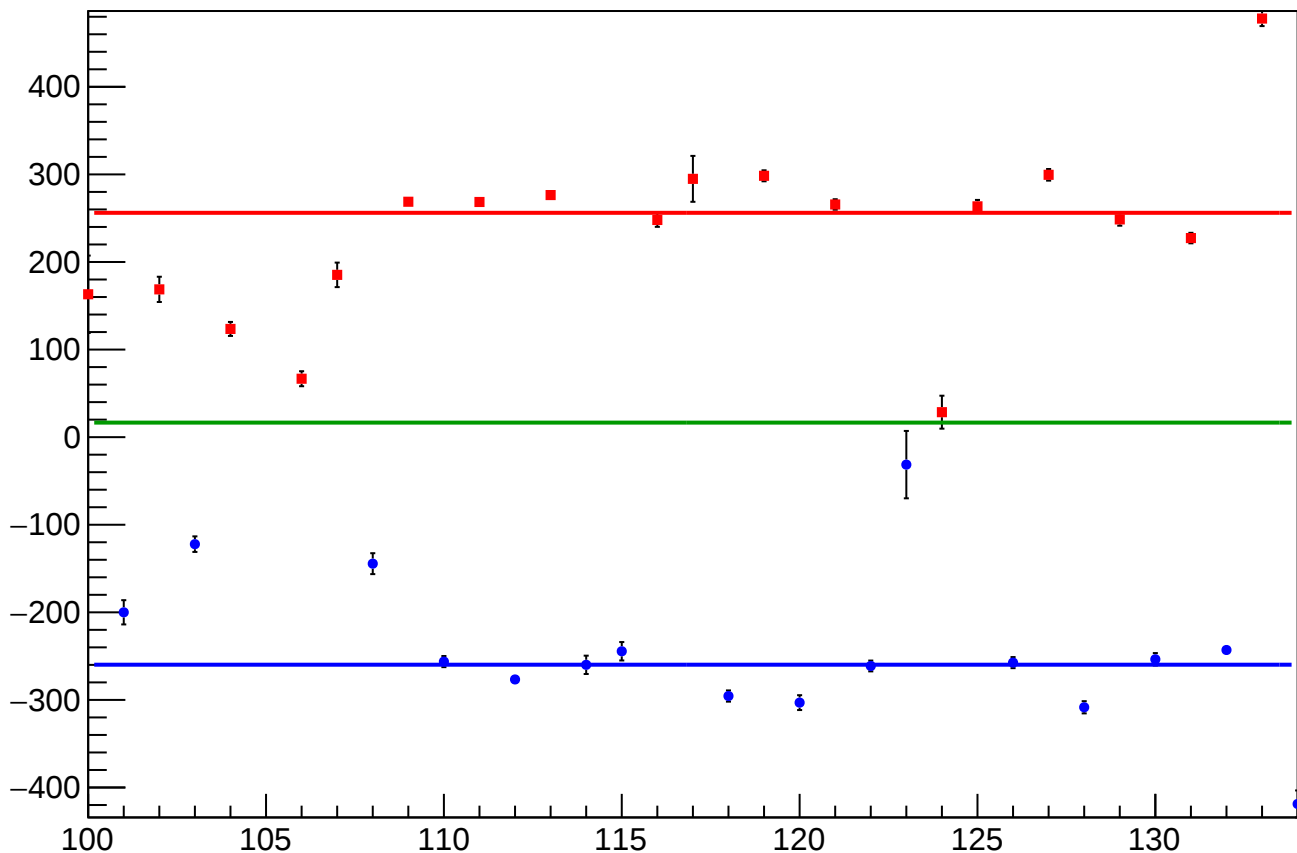
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

126.930+/-0.105 χ^2/NDF : 187724.5/15

2.786+/-0.065 χ^2/NDF : 3165237.5/33

-74.153+/-0.082 χ^2/NDF : 701122.0/17

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -259.801 $\pm$ 1.881 χ^2/NDF : 625.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 256.148 $\pm$ 1.751 χ^2/NDF : 1789.7/17

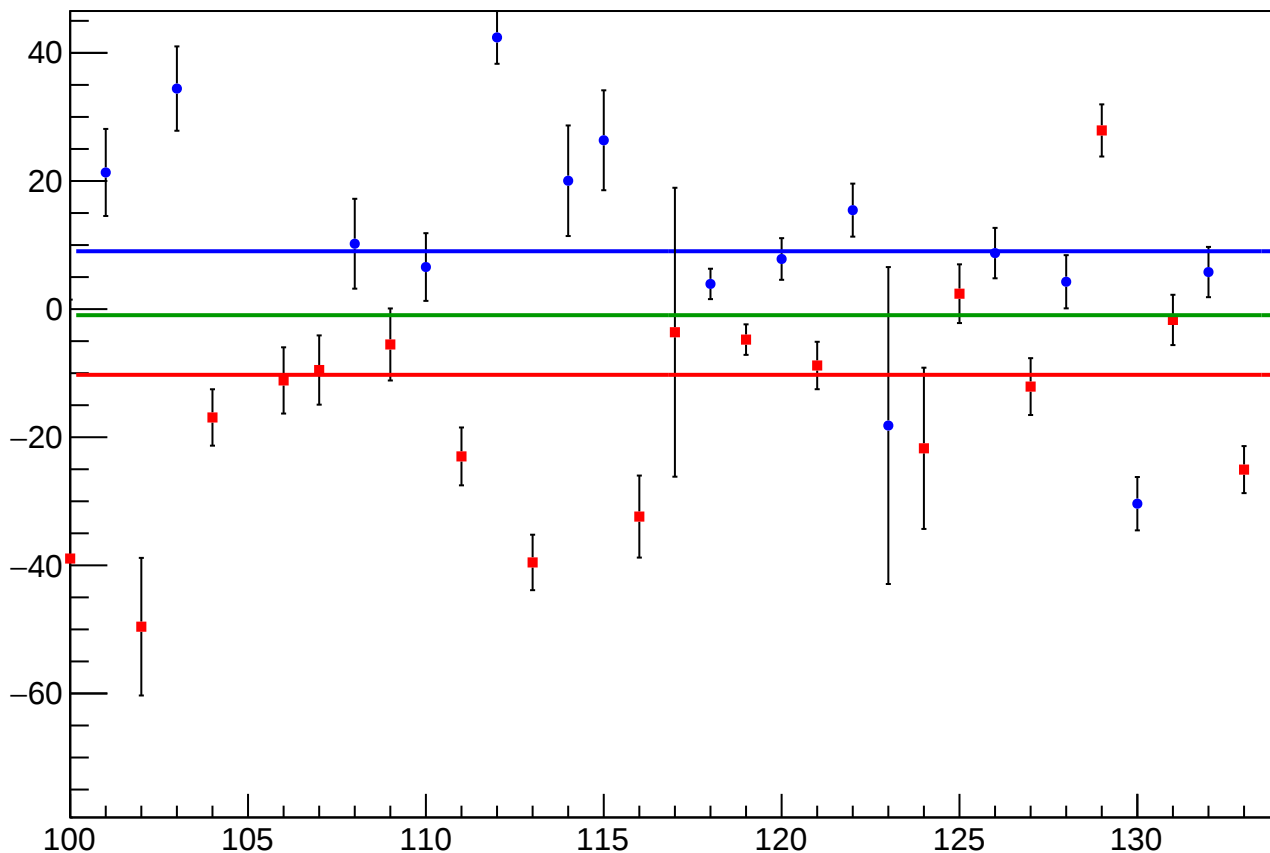
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-259.801 $\pm$ 1.881 χ^2/NDF : 625.2/15

16.618 $\pm$ 1.282 χ^2/NDF : 42718.9/33

256.148 $\pm$ 1.751 χ^2/NDF : 1789.7/17

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.035 ± 1.126 χ^2/NDF : 194.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.258 ± 1.087 χ^2/NDF : 205.7/17

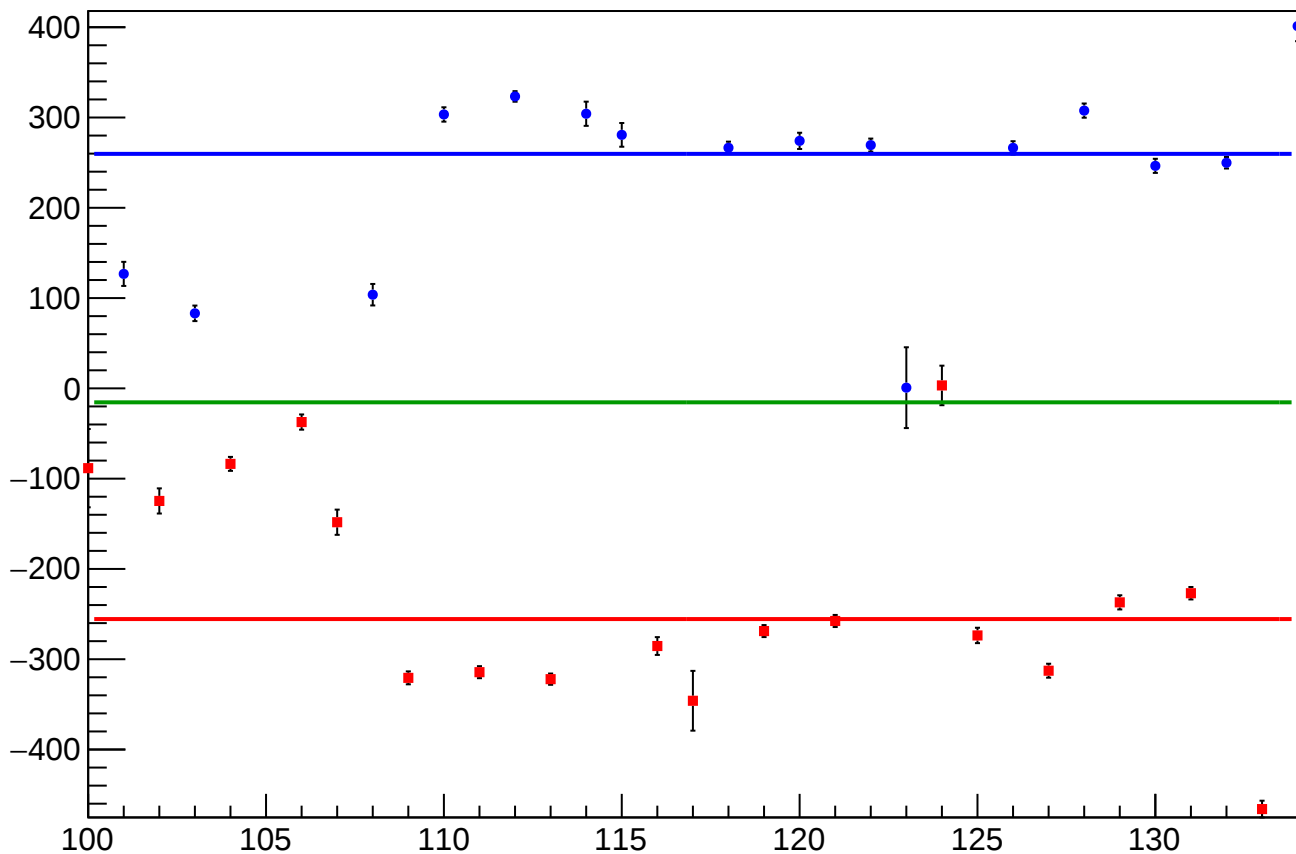
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.035 ± 1.126 χ^2/NDF : 194.2/15

-0.947 ± 0.782 χ^2/NDF : 551.9/33

-10.258 ± 1.087 χ^2/NDF : 205.7/17

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 259.733 $\pm$ 2.154 χ^2/NDF : 1008.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -255.515 $\pm$ 2.012 χ^2/NDF : 2358.9/17

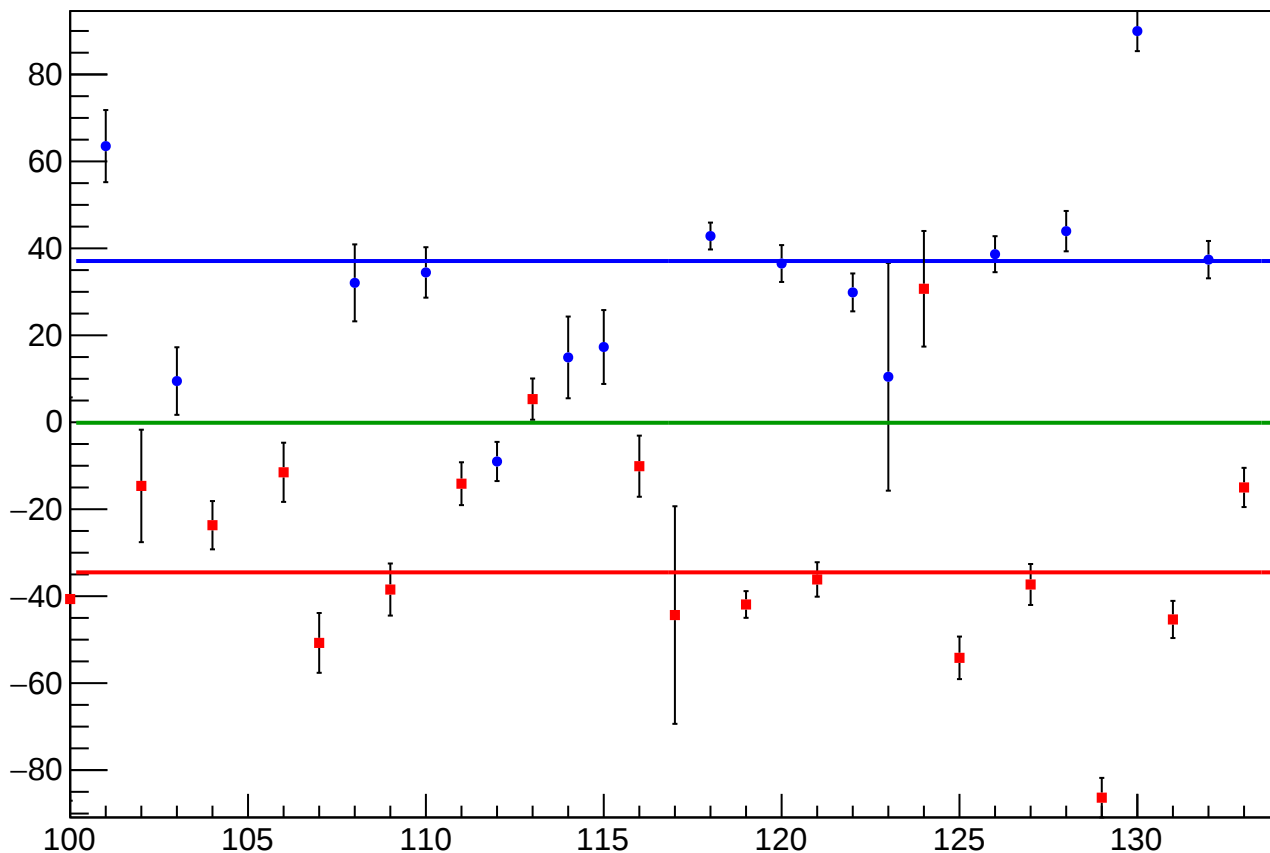
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

259.733 $\pm$ 2.154 χ^2/NDF : 1008.0/15

-15.464 $\pm$ 1.471 χ^2/NDF : 33916.3/33

-255.515 $\pm$ 2.012 χ^2/NDF : 2358.9/17

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.087 ± 1.309 χ^2/NDF : 280.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.521 ± 1.258 χ^2/NDF : 325.0/17

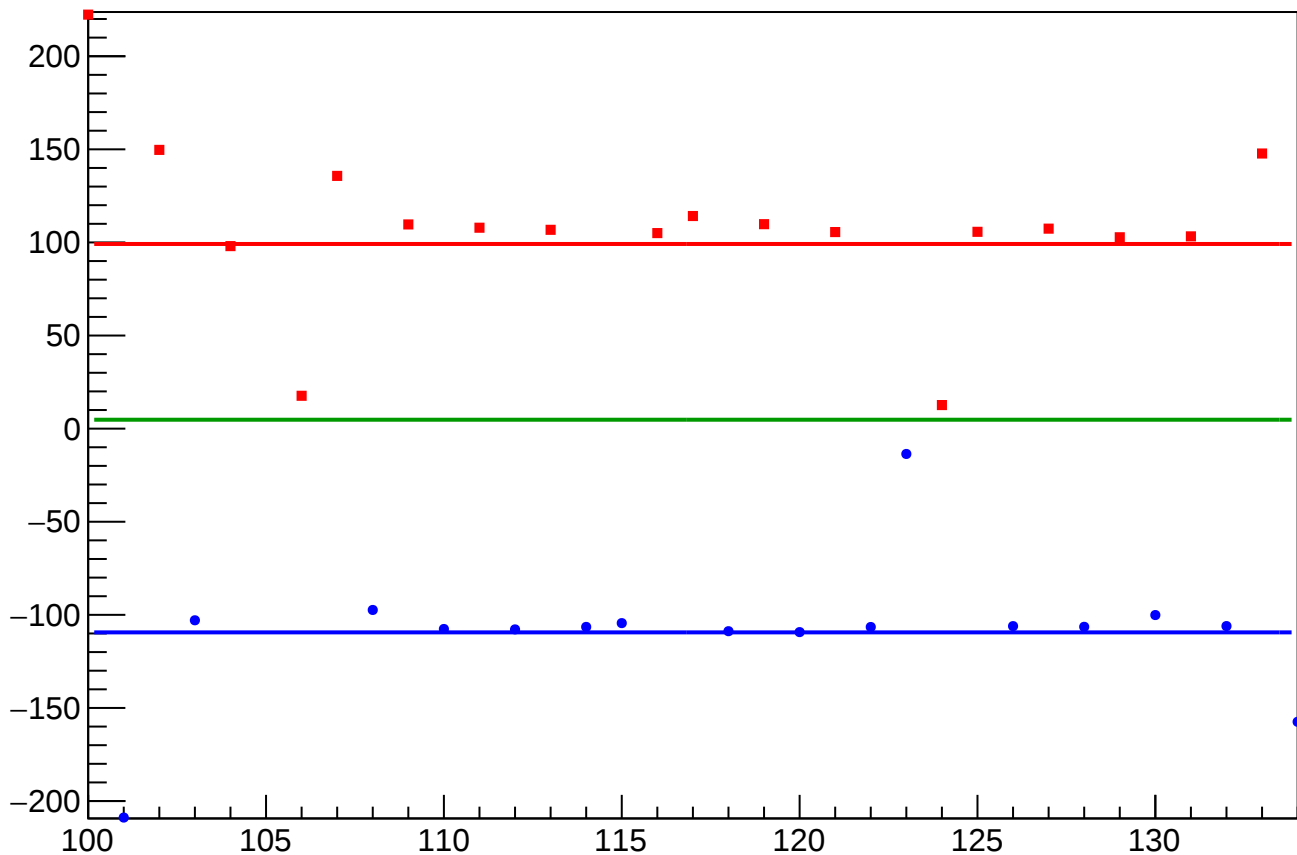
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

37.087 ± 1.309 χ^2/NDF : 280.3/15

-0.114 ± 0.907 χ^2/NDF : 2160.9/33

-34.521 ± 1.258 χ^2/NDF : 325.0/17

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.415+/-0.084 χ^2/NDF : 59751.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.171+/-0.076 χ^2/NDF : 231804.9/17

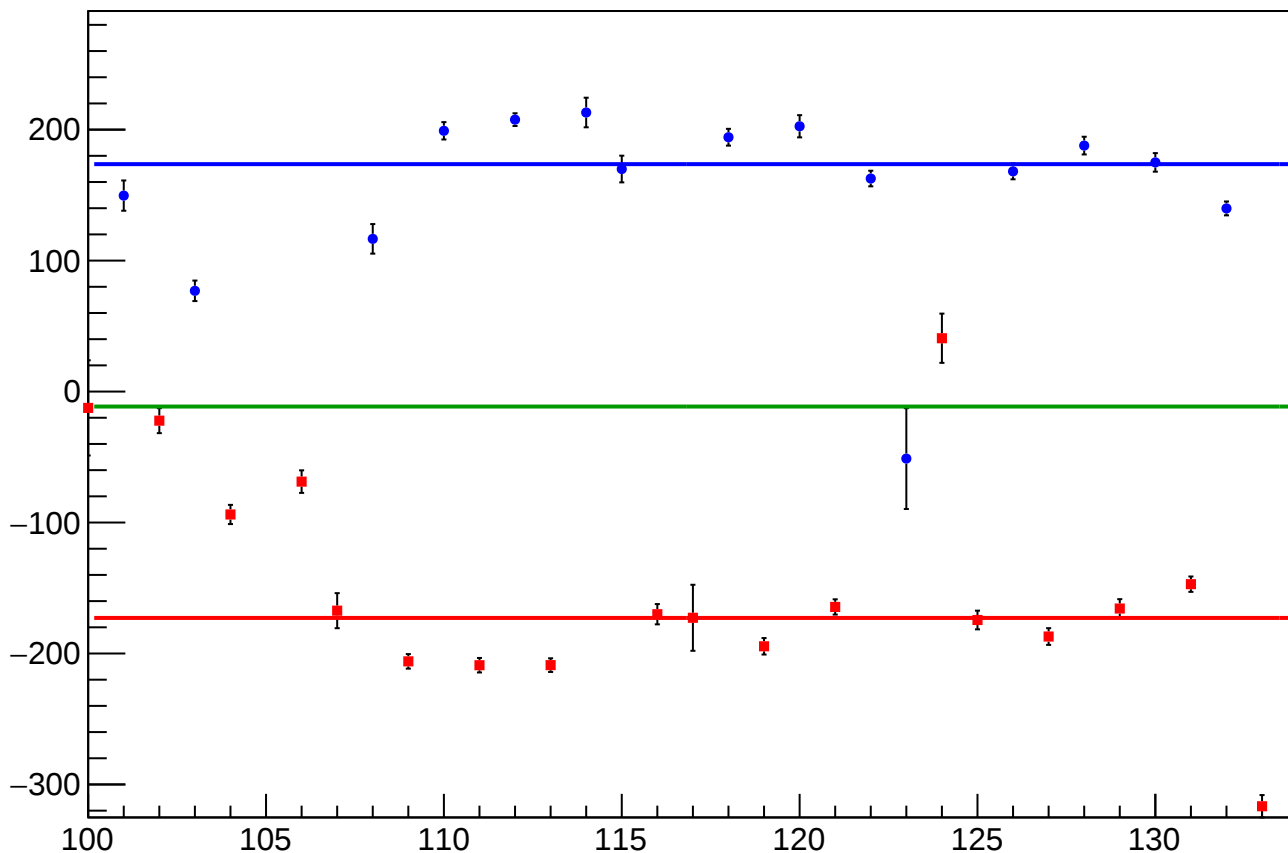
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-109.415+/-0.084 χ^2/NDF : 59751.8/15

4.789+/-0.056 χ^2/NDF : 3700746.9/33

99.171+/-0.076 χ^2/NDF : 231804.9/17

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 173.648 ± 1.854 $\chi^2/\text{NDF}: 414.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -172.843 ± 1.732 $\chi^2/\text{NDF}: 1108.5/17$

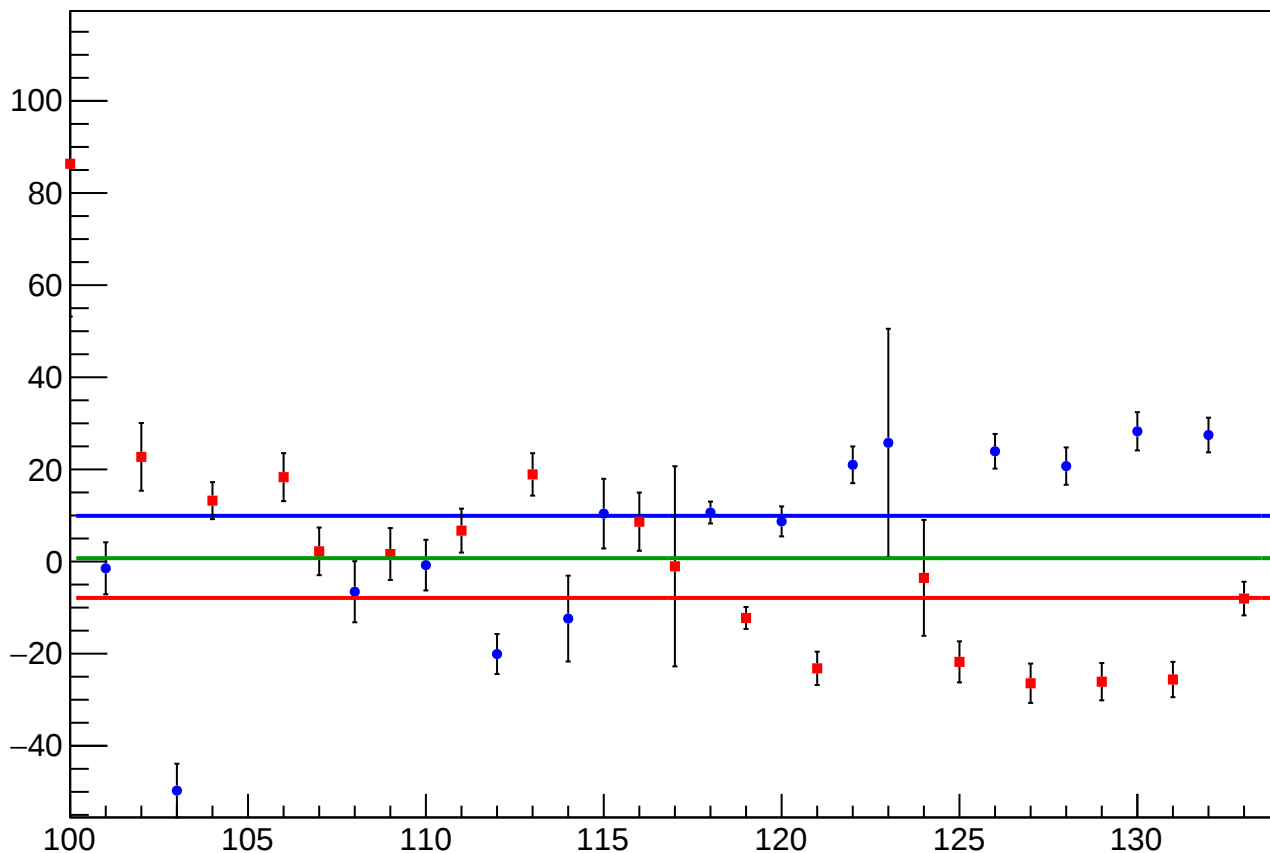
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

173.648 ± 1.854 $\chi^2/\text{NDF}: 414.1/15$

-11.435 ± 1.266 $\chi^2/\text{NDF}: 20169.9/33$

-172.843 ± 1.732 $\chi^2/\text{NDF}: 1108.5/17$

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.923 $\pm$ 1.105 χ^2/NDF : 242.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -7.897 $\pm$ 1.070 χ^2/NDF : 226.6/17

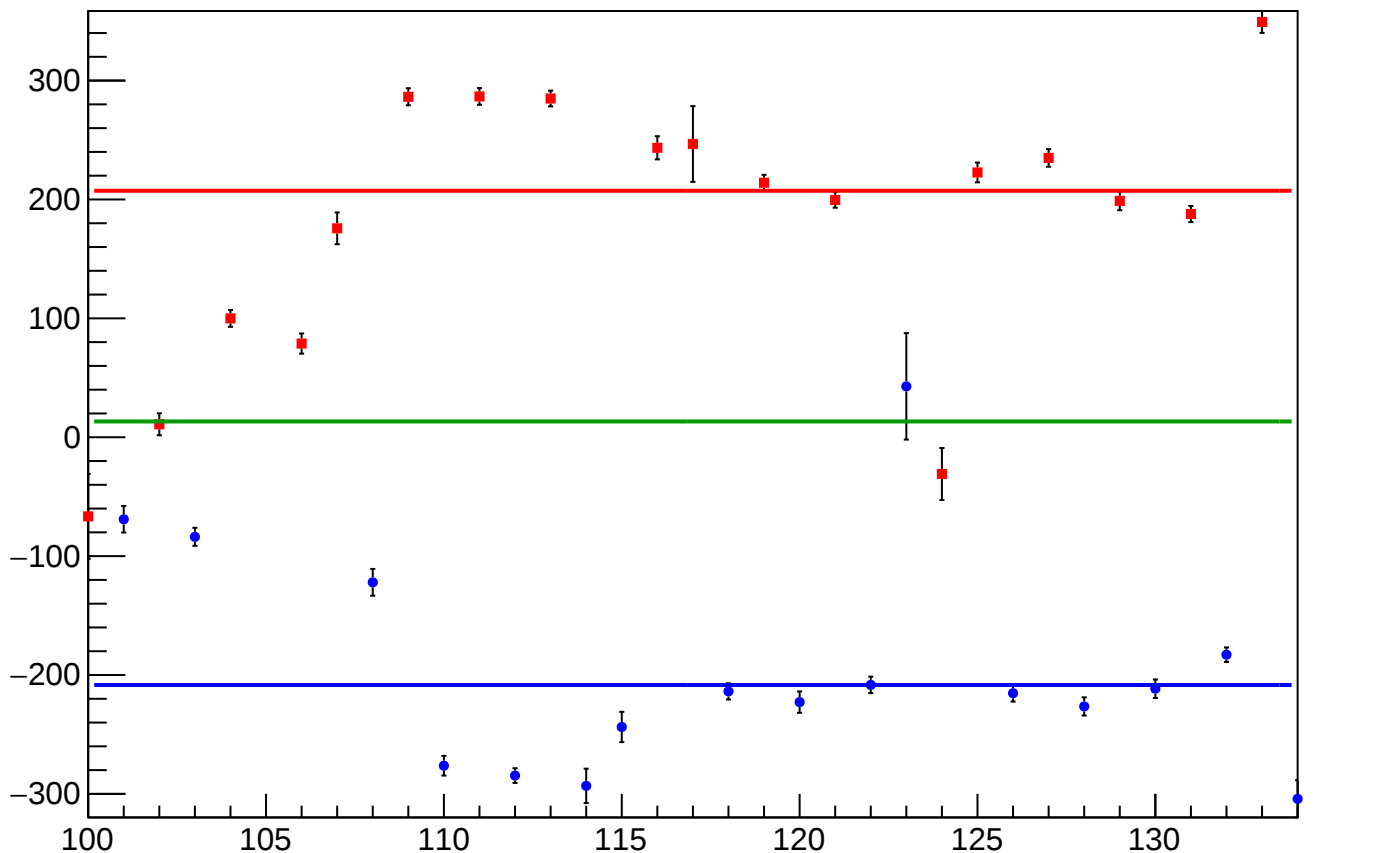
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.923 $\pm$ 1.105 χ^2/NDF : 242.7/15

0.733 $\pm$ 0.769 χ^2/NDF : 603.4/33

-7.897 $\pm$ 1.070 χ^2/NDF : 226.6/17

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -208.401 $\pm$ 2.110 χ^2/NDF : 843.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 207.350 $\pm$ 1.974 χ^2/NDF : 1763.8/17

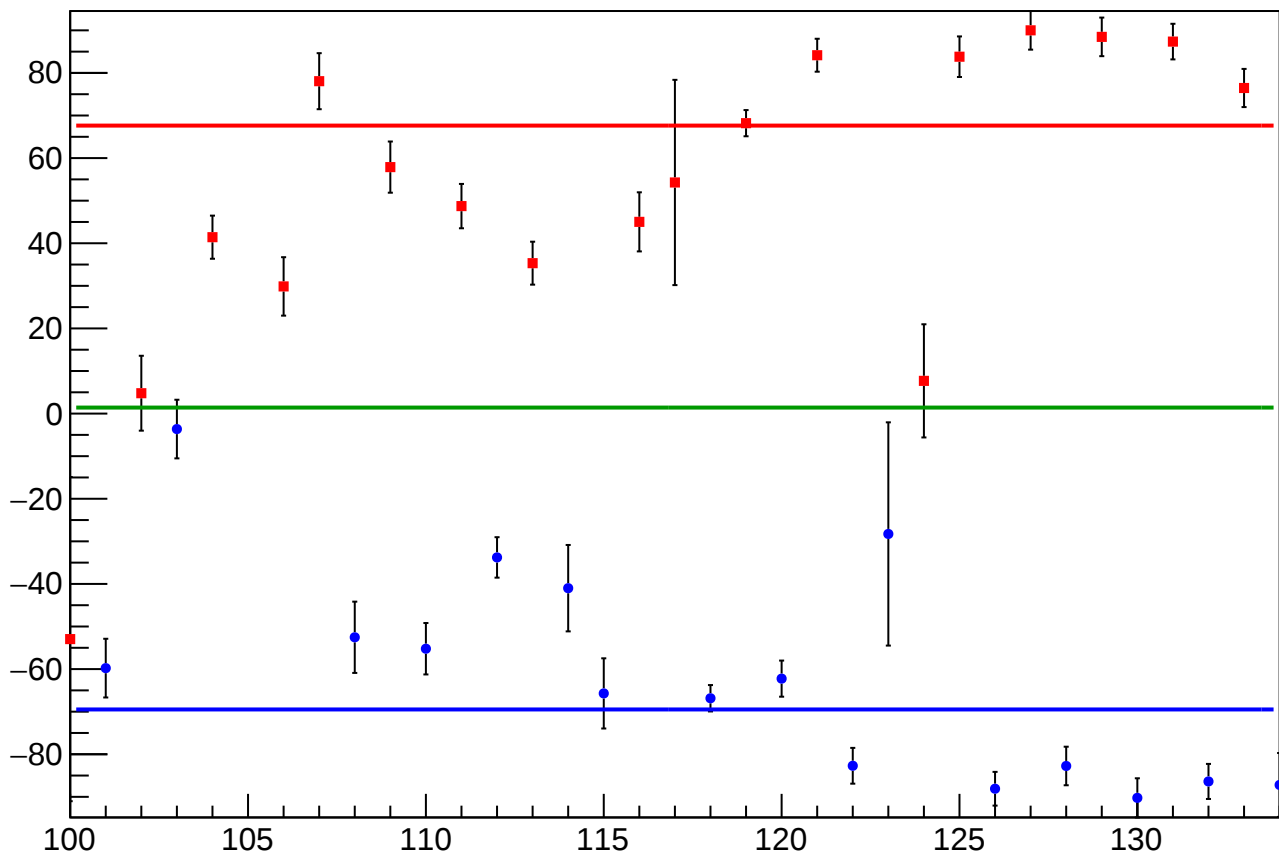
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-208.401 $\pm$ 2.110 χ^2/NDF : 843.4/15

13.271 $\pm$ 1.441 χ^2/NDF : 23312.6/33

207.350 $\pm$ 1.974 χ^2/NDF : 1763.8/17

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -69.480 ± 1.283 χ^2/NDF : 257.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 67.631 ± 1.240 χ^2/NDF : 310.2/17

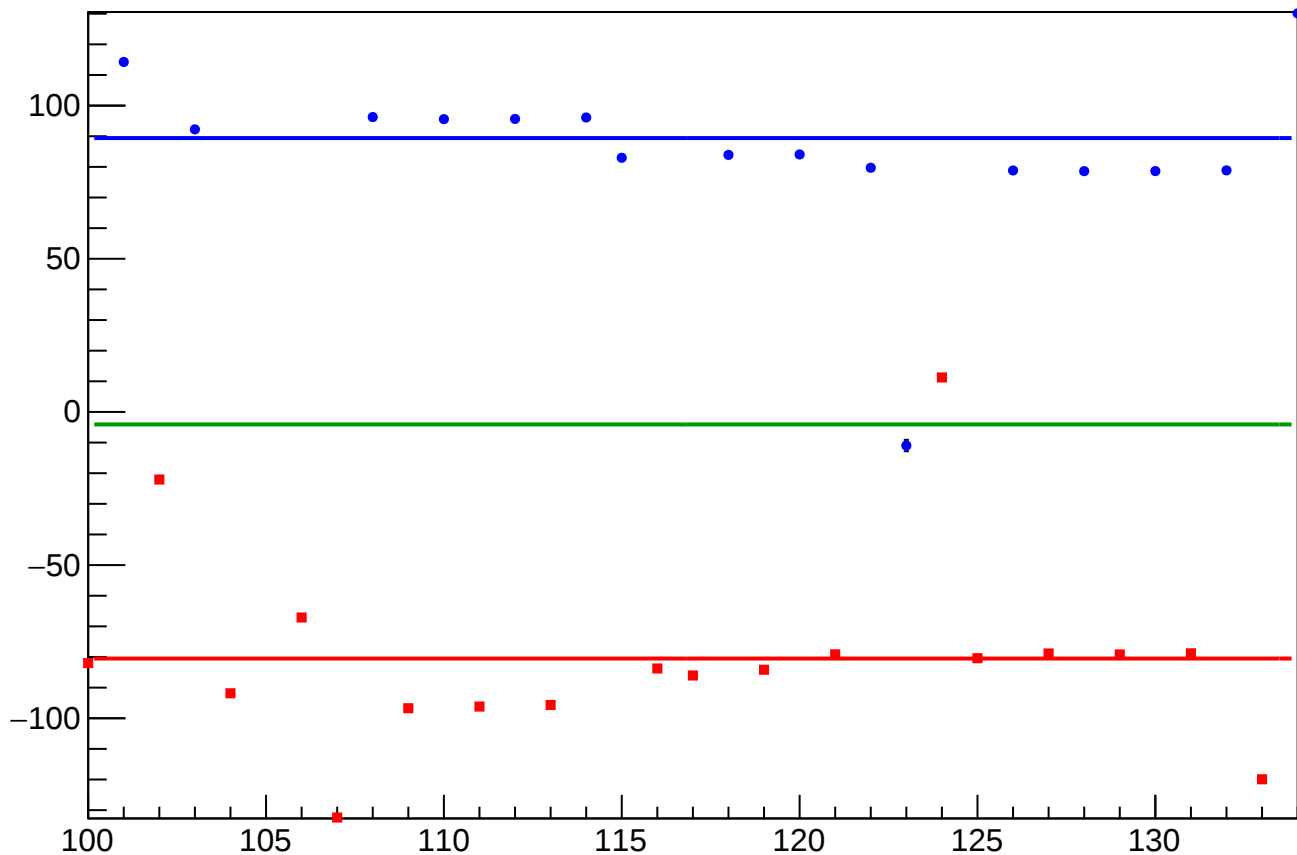
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-69.480 ± 1.283 χ^2/NDF : 257.2/15

1.414 ± 0.892 χ^2/NDF : 6468.2/33

67.631 ± 1.240 χ^2/NDF : 310.2/17

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 89.404+/-0.080 χ^2 /NDF: 23519.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -80.504+/-0.072 χ^2 /NDF: 142048.2/17

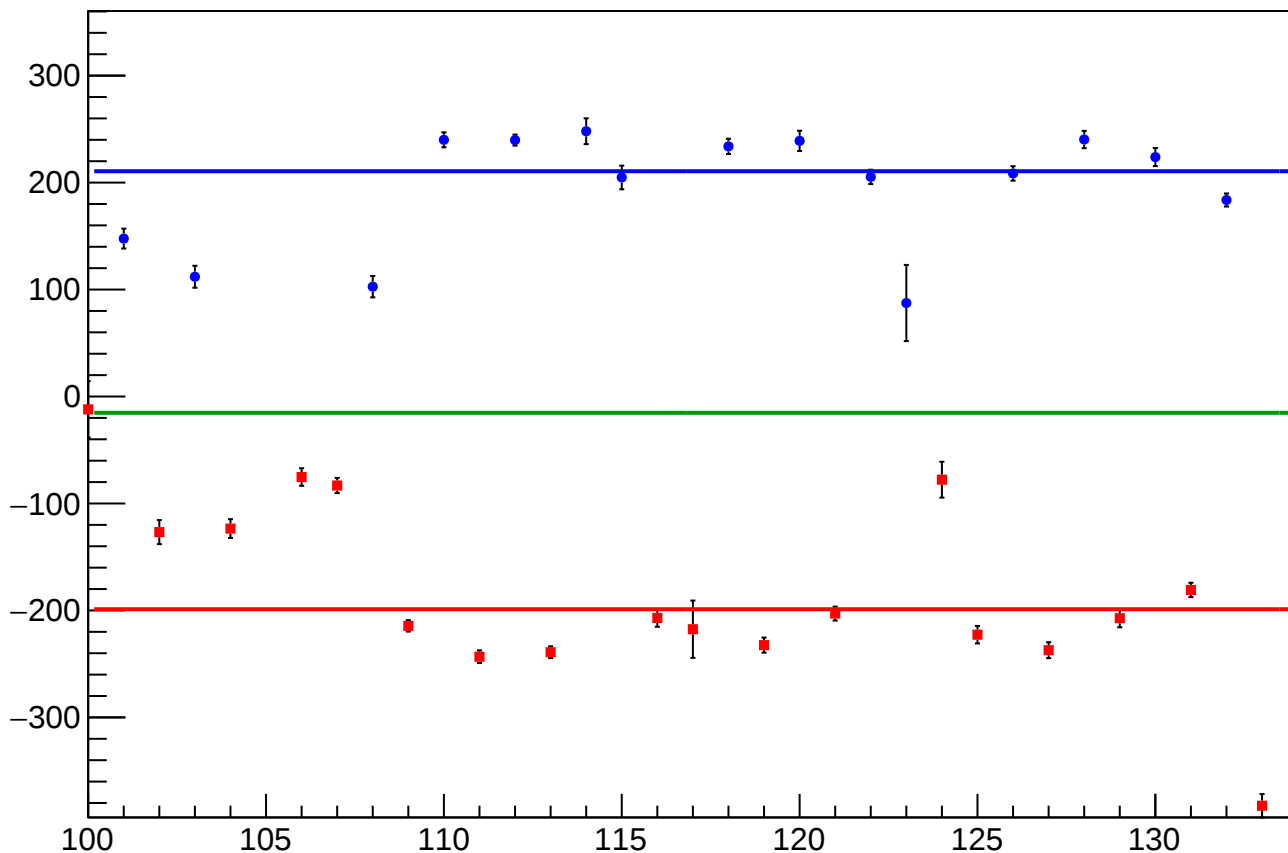
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

89.404+/-0.080 χ^2 /NDF: 23519.7/15

-4.087+/-0.054 χ^2 /NDF: 2651223.3/33

-80.504+/-0.072 χ^2 /NDF: 142048.2/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 210.613 $\pm$ 2.044 χ^2/NDF : 435.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -198.869 $\pm$ 1.843 χ^2/NDF : 1175.5/17

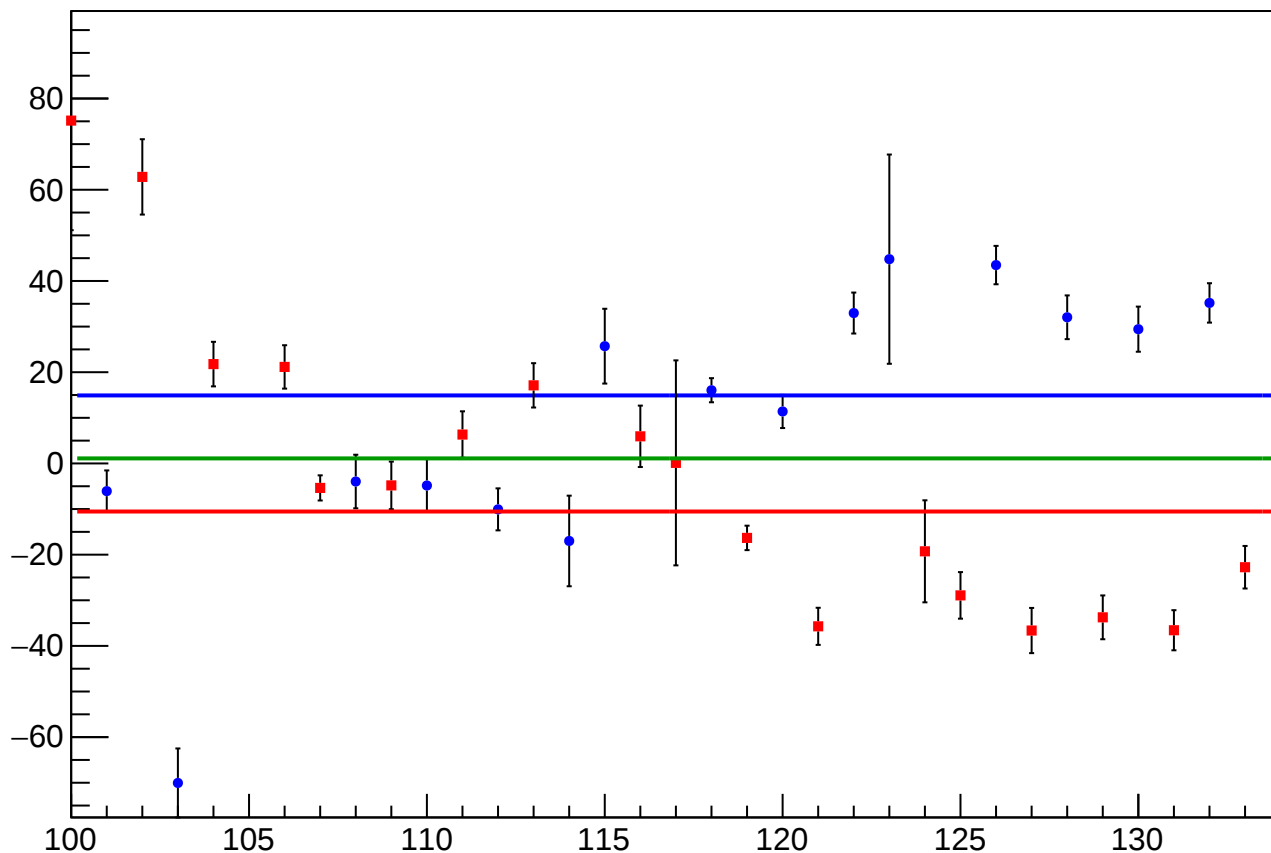
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

210.613 $\pm$ 2.044 χ^2/NDF : 435.8/15

-15.233 $\pm$ 1.369 χ^2/NDF : 23738.3/33

-198.869 $\pm$ 1.843 χ^2/NDF : 1175.5/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.909+/-1.215 χ^2 /NDF: 320.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -10.540+/-1.116 χ^2 /NDF: 383.6/17

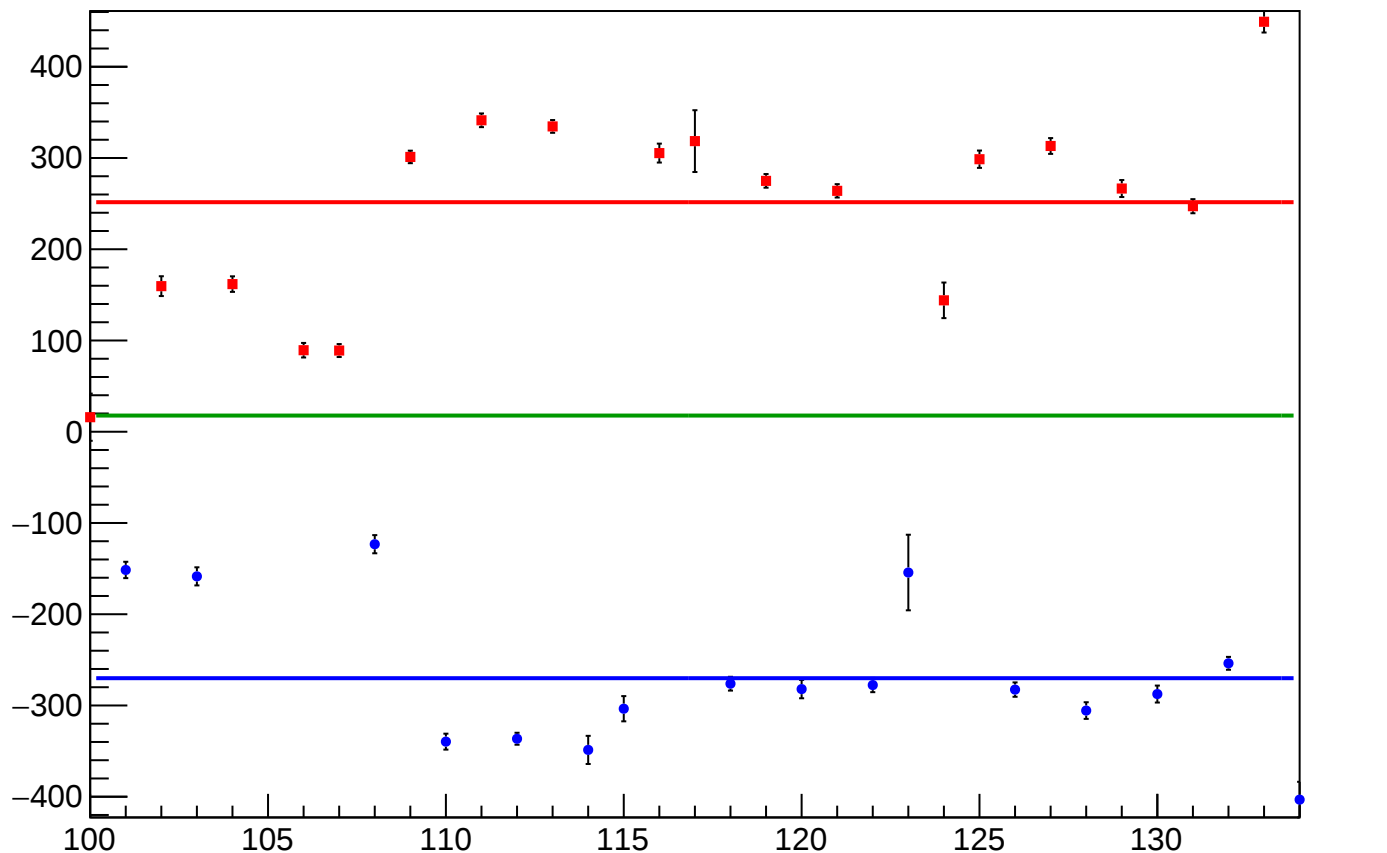
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.909+/-1.215 χ^2 /NDF: 320.0/15

1.103+/-0.822 χ^2 /NDF: 941.7/33

-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: -270.097+/-2.323 χ^2 /NDF: 800.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 251.574+/-2.094 χ^2 /NDF: 1973.4/17

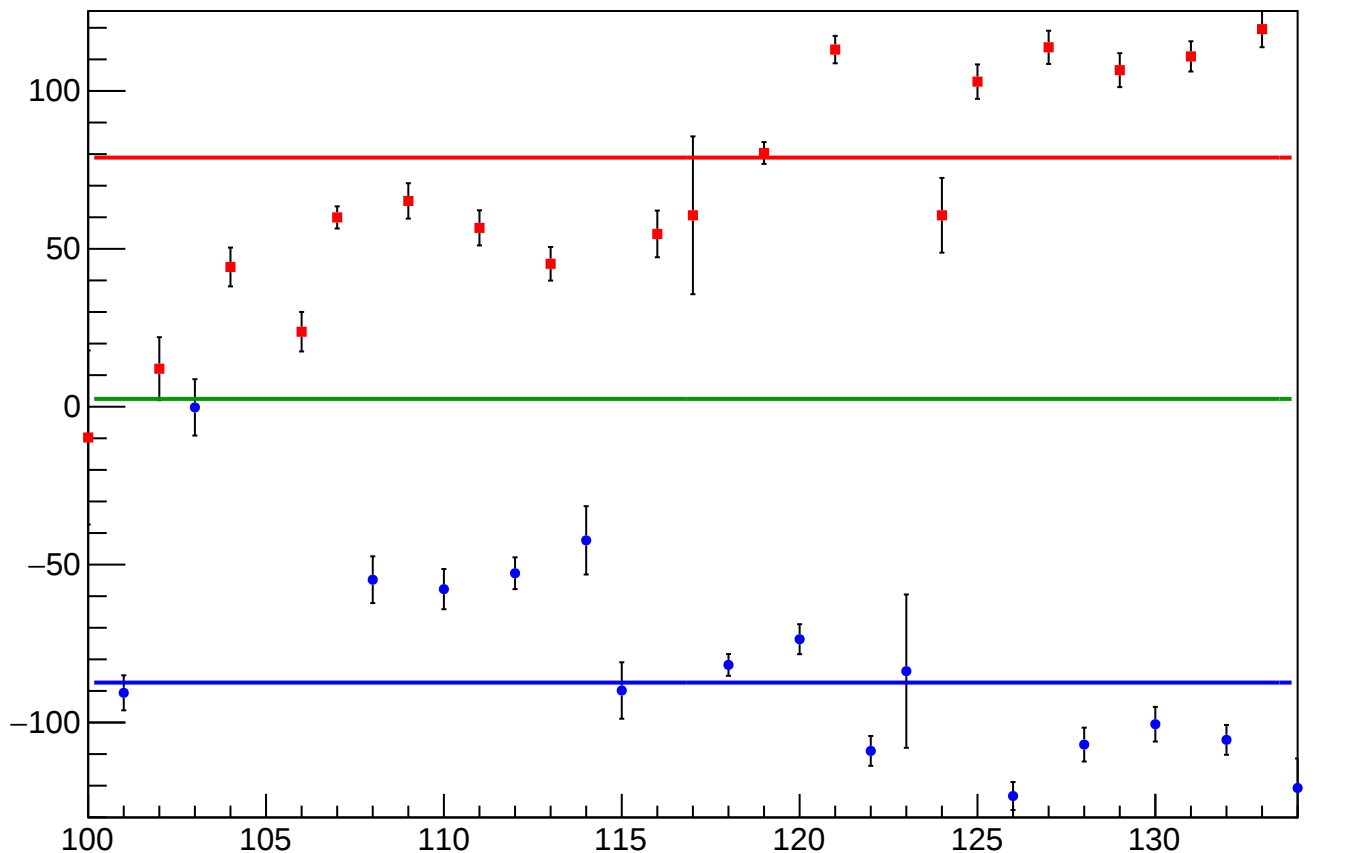
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-270.097+/-2.323 χ^2 /NDF: 800.8/15

17.735+/-1.556 χ^2 /NDF: 30587.7/33

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: -87.357 ± 1.416 χ^2/NDF : 345.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 78.899 ± 1.306 χ^2/NDF : 516.9/17

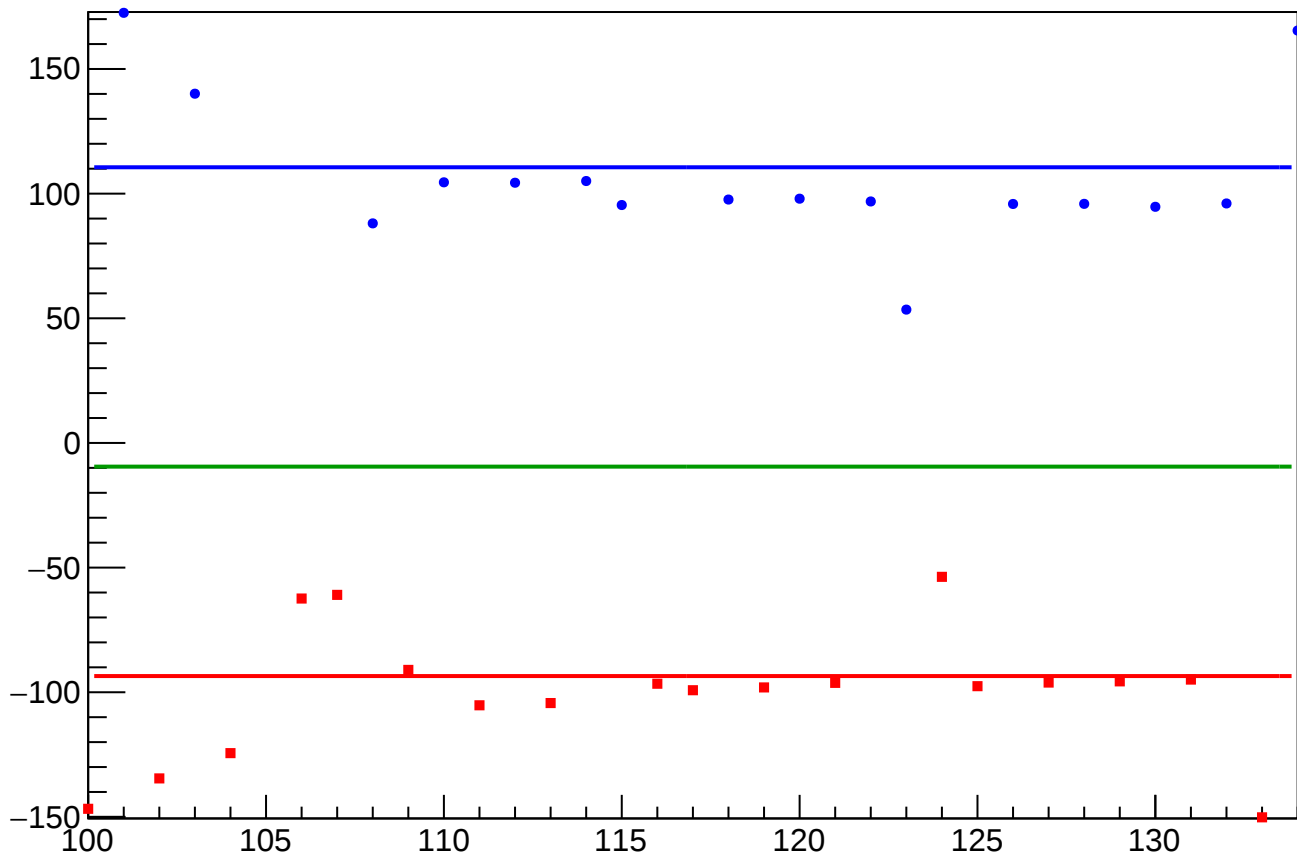
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-87.357 ± 1.416 χ^2/NDF : 345.8/15

2.477 ± 0.960 χ^2/NDF : 8313.8/33

78.899 ± 1.306 χ^2/NDF : 516.9/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.577 ± 0.088 $\chi^2/\text{NDF}: 88043.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -93.507 ± 0.074 $\chi^2/\text{NDF}: 132525.0/17$

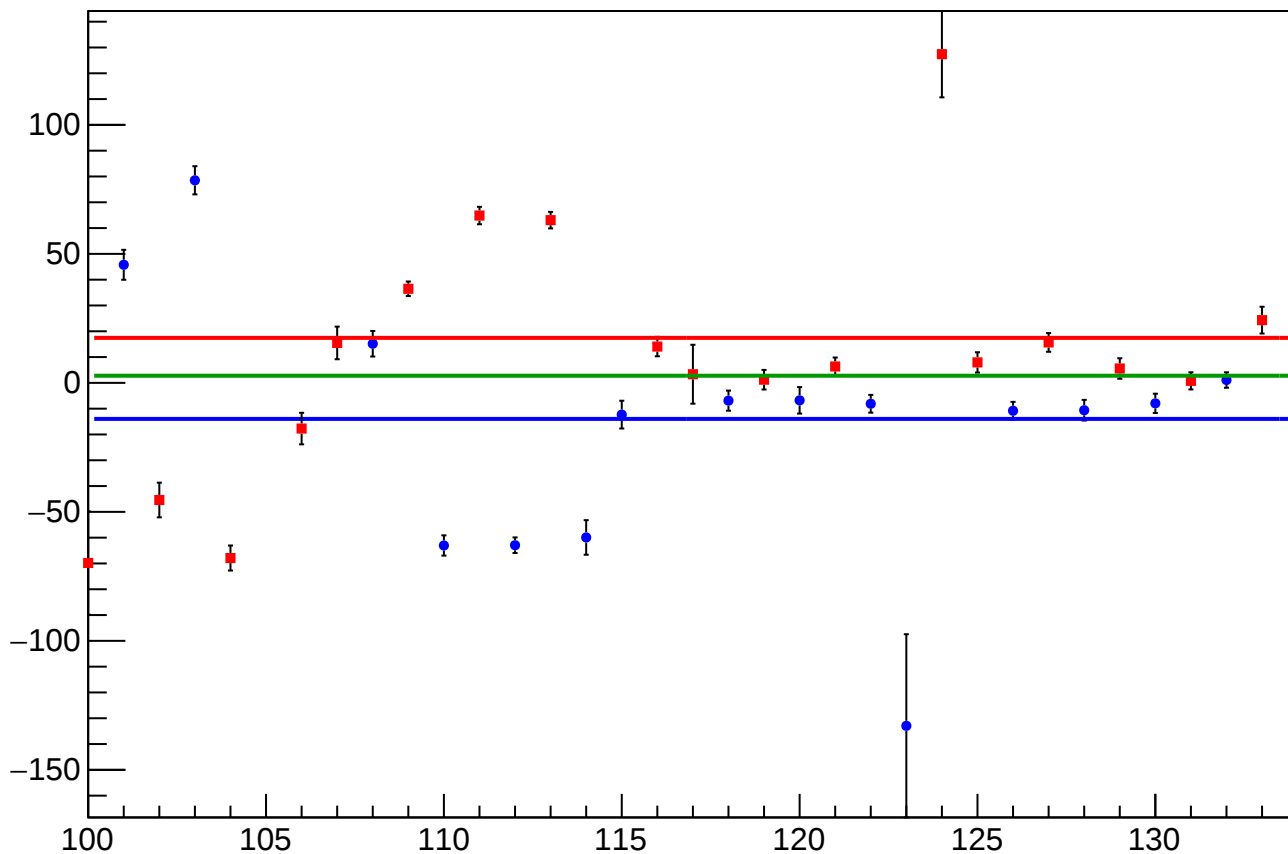
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

110.577 ± 0.088 $\chi^2/\text{NDF}: 88043.2/15$

-9.498 ± 0.057 $\chi^2/\text{NDF}: 3377153.5/33$

-93.507 ± 0.074 $\chi^2/\text{NDF}: 132525.0/17$

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.969 ± 1.070 χ^2/NDF : 946.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.450 ± 1.003 χ^2/NDF : 1009.7/17

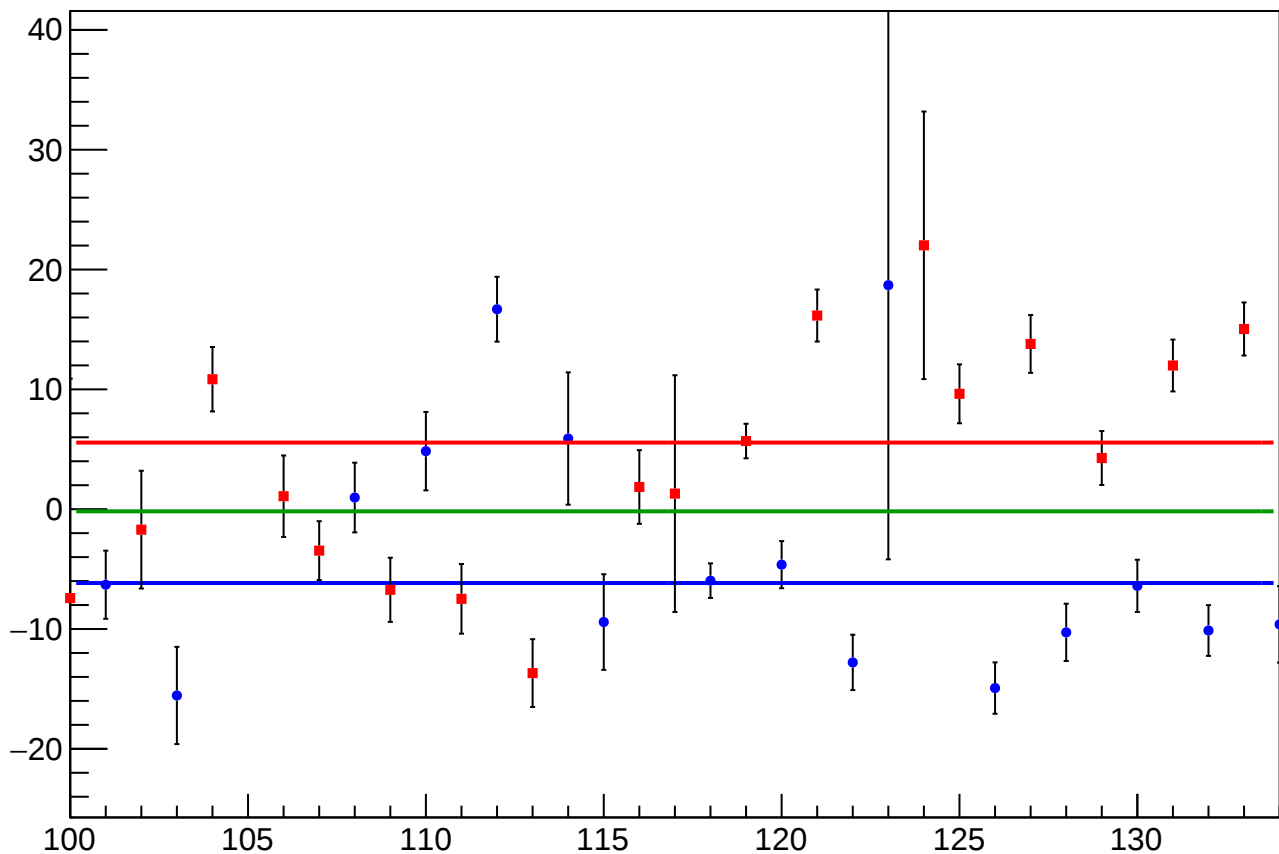
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-13.969 ± 1.070 χ^2/NDF : 946.1/15

2.767 ± 0.732 χ^2/NDF : 2414.6/33

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: -6.163 ± 0.635 $\chi^2/\text{NDF}: 133.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.559 ± 0.622 $\chi^2/\text{NDF}: 178.7/17$

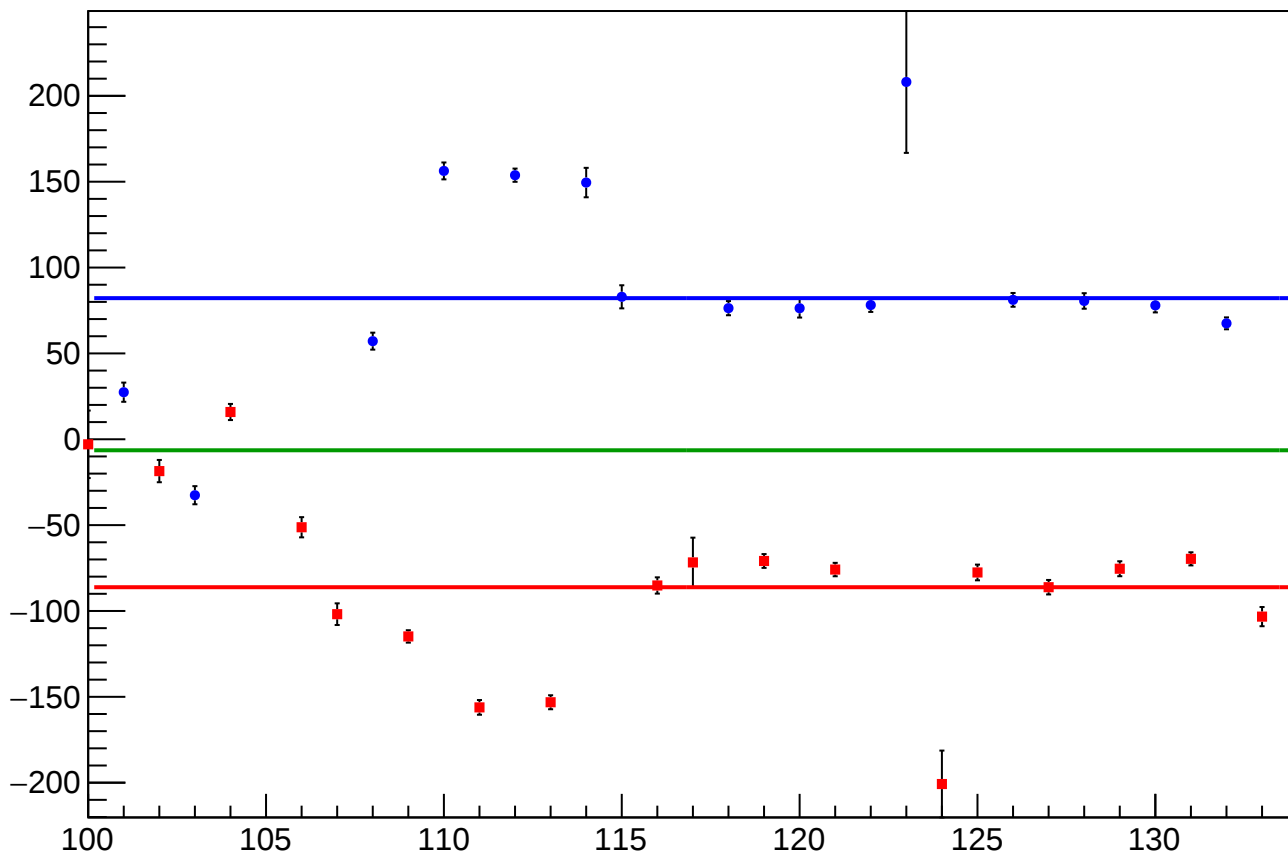
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-6.163 ± 0.635 $\chi^2/\text{NDF}: 133.9/15$

-0.179 ± 0.444 $\chi^2/\text{NDF}: 486.7/33$

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: 82.186+/-1.214 χ^2 /NDF: 1271.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -86.165+/-1.152 χ^2 /NDF: 1334.9/17

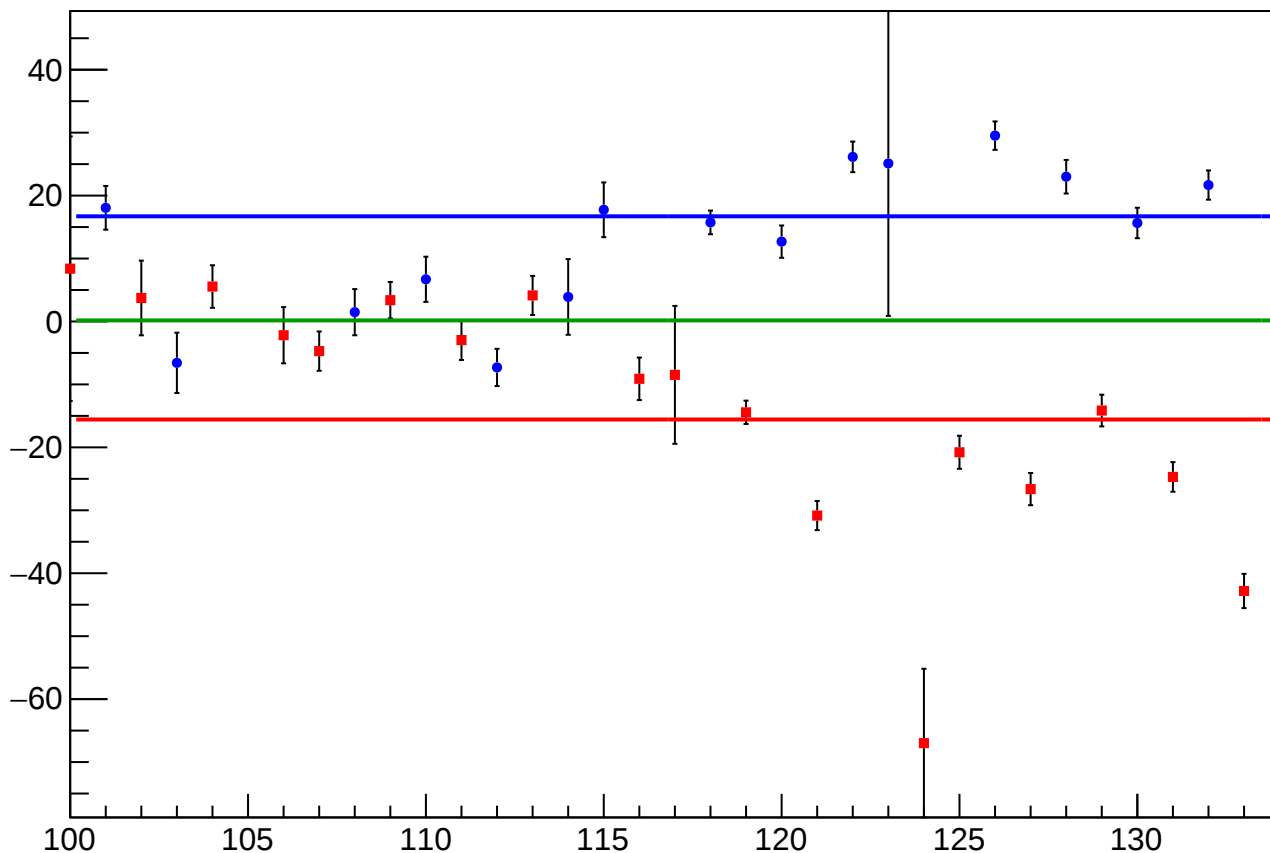
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

82.186+/-1.214 χ^2 /NDF: 1271.2/15

-6.415+/-0.836 χ^2 /NDF: 12722.9/33

-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: 16.708+/-0.736 χ^2 /NDF: 192.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -15.570+/-0.717 χ^2 /NDF: 375.9/17

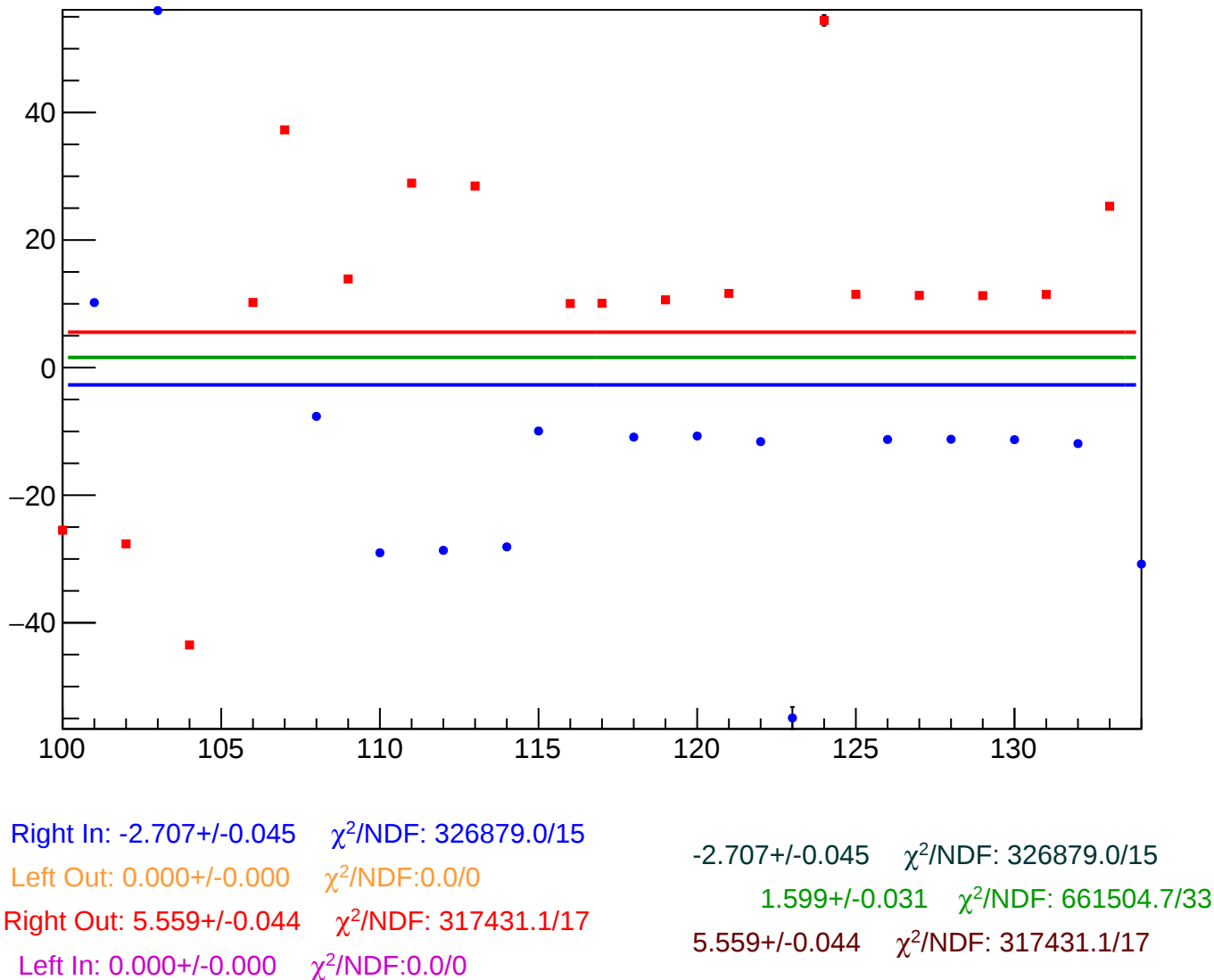
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.708+/-0.736 χ^2 /NDF: 192.9/15

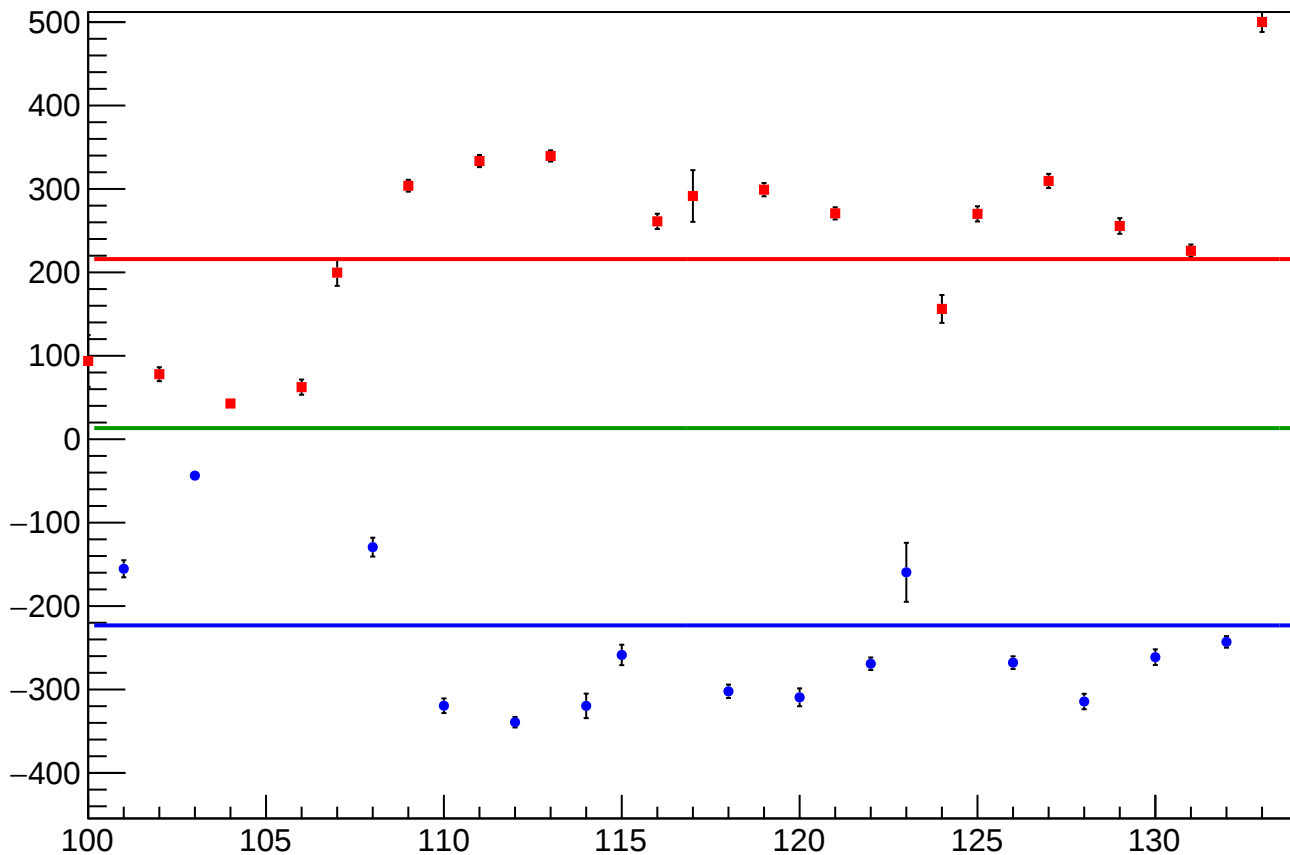
0.167+/-0.514 χ^2 /NDF: 1555.6/33

-15.570+/-0.717 χ^2 /NDF: 375.9/17

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -223.165 ± 2.108 $\chi^2/\text{NDF}: 2780.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 215.927 ± 1.951 $\chi^2/\text{NDF}: 4003.8/17$

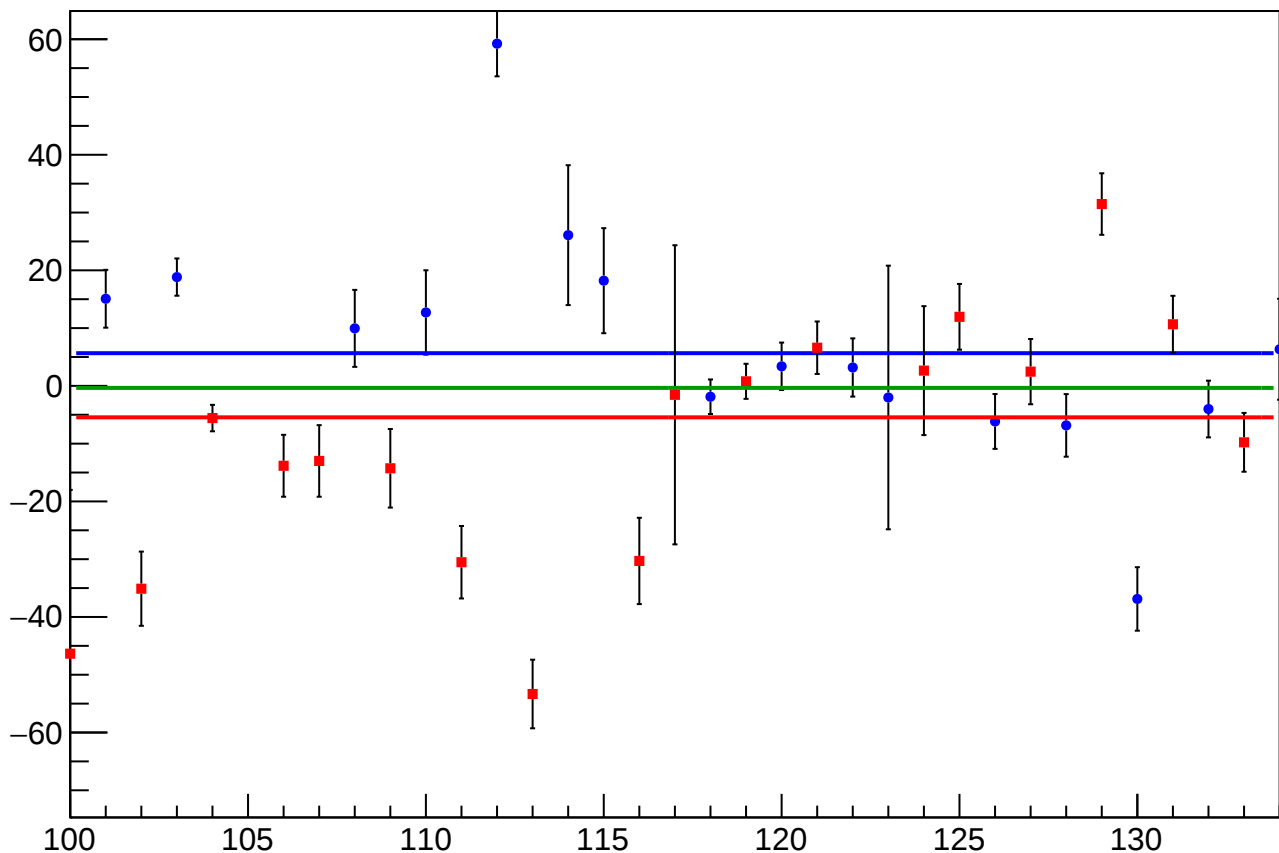
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-223.165 ± 2.108 $\chi^2/\text{NDF}: 2780.1/15$

13.327 ± 1.432 $\chi^2/\text{NDF}: 30153.6/33$

215.927 ± 1.951 $\chi^2/\text{NDF}: 4003.8/17$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.657 ± 1.284 χ^2/NDF : 198.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.446 ± 1.183 χ^2/NDF : 203.7/17

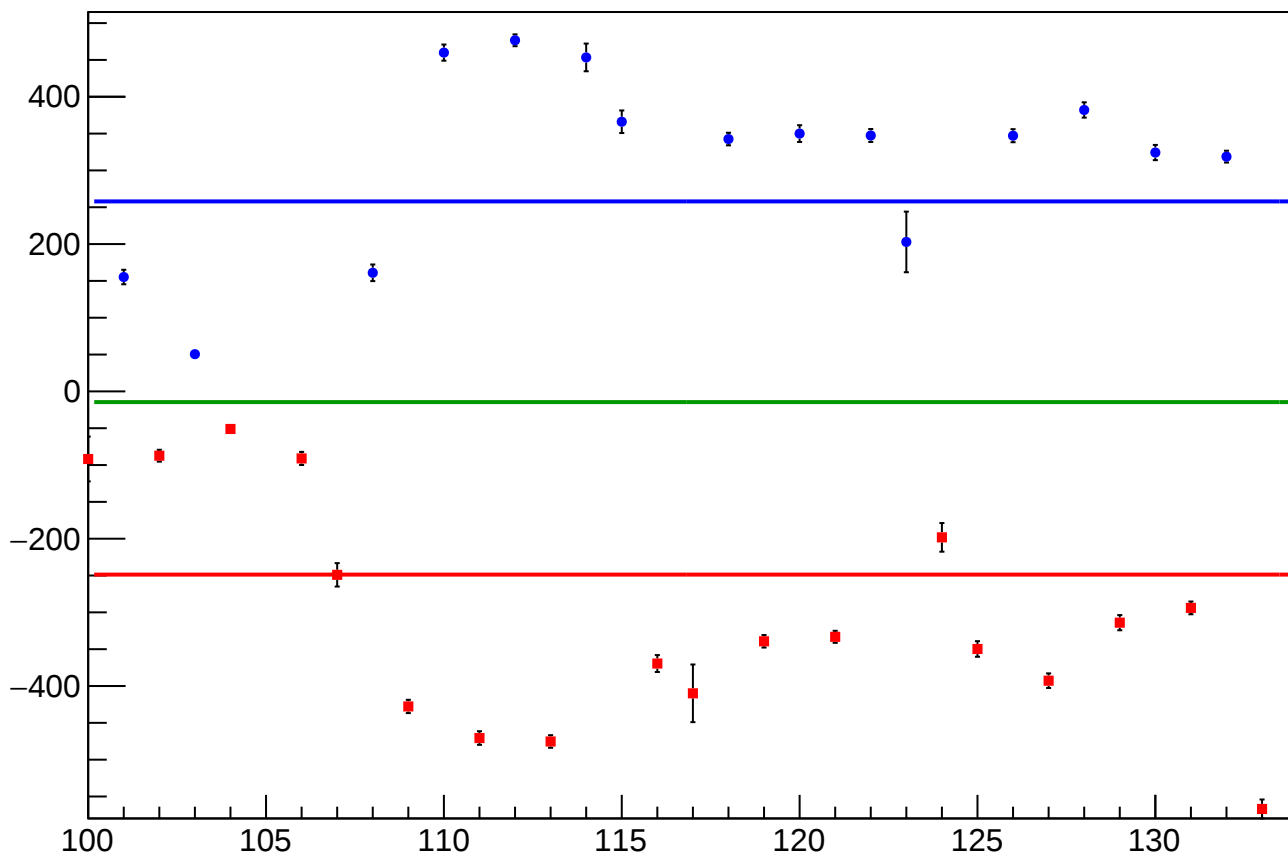
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.657 ± 1.284 χ^2/NDF : 198.5/15

-0.350 ± 0.870 χ^2/NDF : 442.6/33

-5.446 ± 1.183 χ^2/NDF : 203.7/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 257.904+/-2.301 χ^2/NDF : 4556.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.733+/-2.133 χ^2/NDF : 6151.6/17

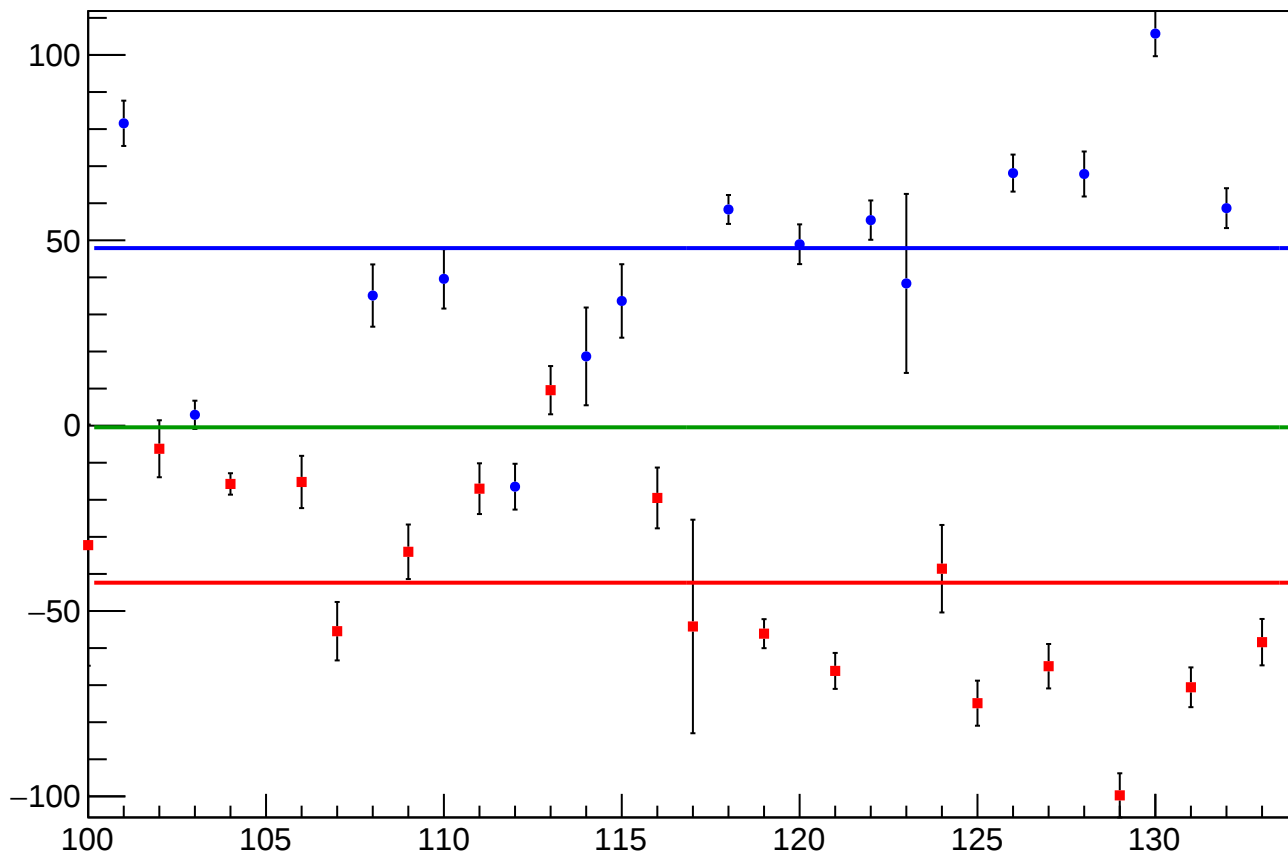
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

257.904+/-2.301 χ^2/NDF : 4556.1/15

-14.556+/-1.564 χ^2/NDF : 36782.5/33

-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: 47.897 ± 1.501 $\chi^2/\text{NDF}: 426.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.362 ± 1.398 $\chi^2/\text{NDF}: 417.7/17$

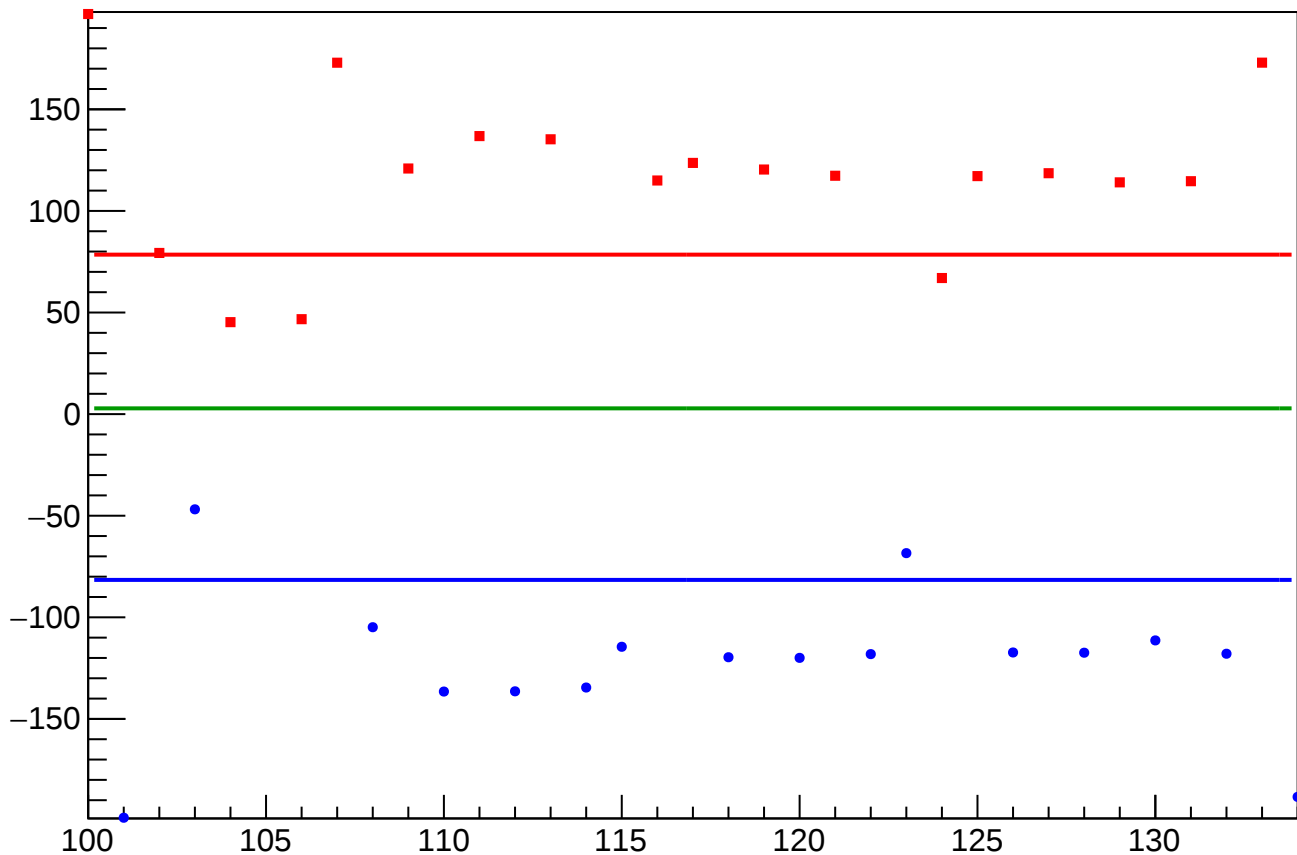
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

47.897 ± 1.501 $\chi^2/\text{NDF}: 426.4/15$

-0.446 ± 1.023 $\chi^2/\text{NDF}: 2780.0/33$

-42.362 ± 1.398 $\chi^2/\text{NDF}: 417.7/17$

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -81.588+/-0.072 χ^2/NDF : 377244.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.485+/-0.068 χ^2/NDF : 355187.1/17

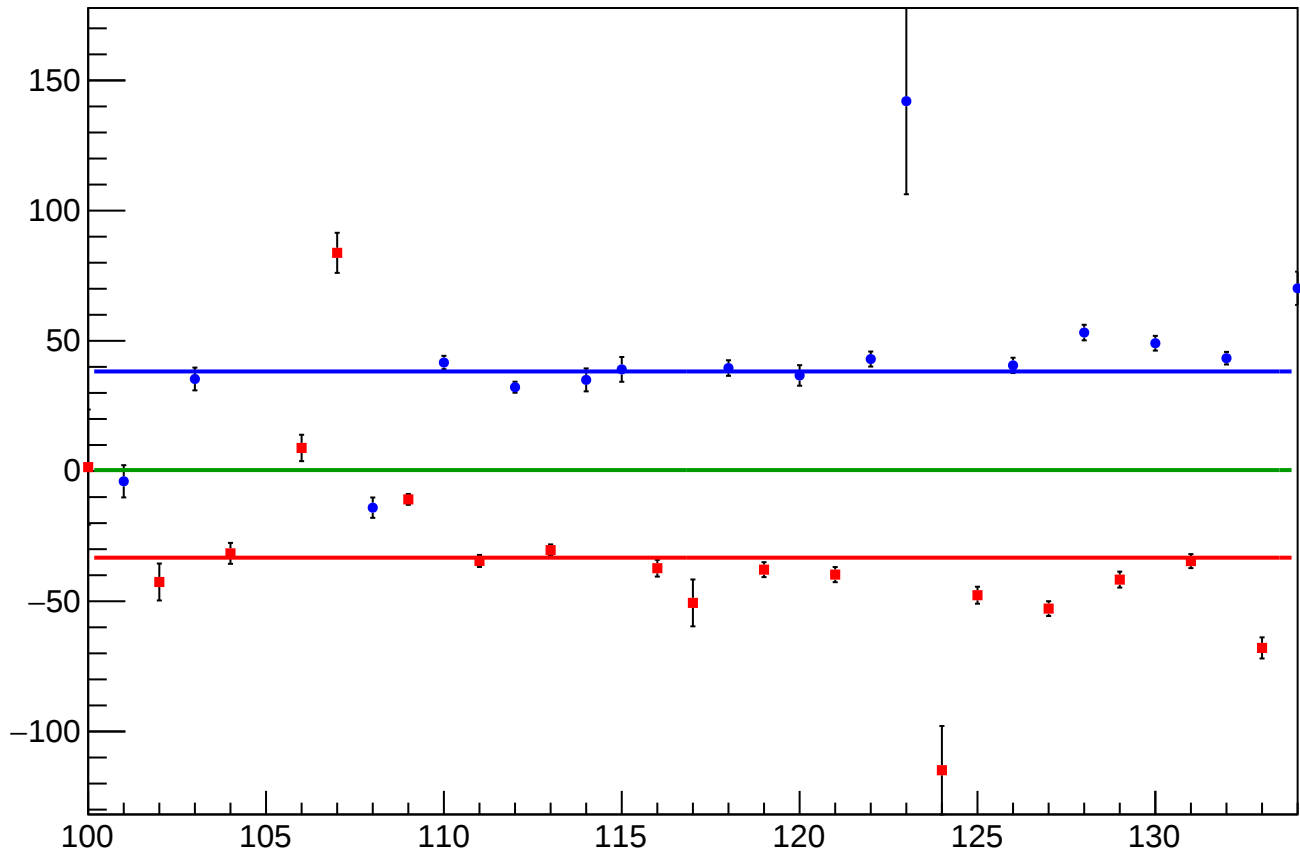
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-81.588+/-0.072 χ^2/NDF : 377244.4/15

2.836+/-0.049 χ^2/NDF : 3359815.4/33

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: 38.244 ± 0.828 $\chi^2/\text{NDF}: 317.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -33.262 ± 0.780 $\chi^2/\text{NDF}: 607.0/17$

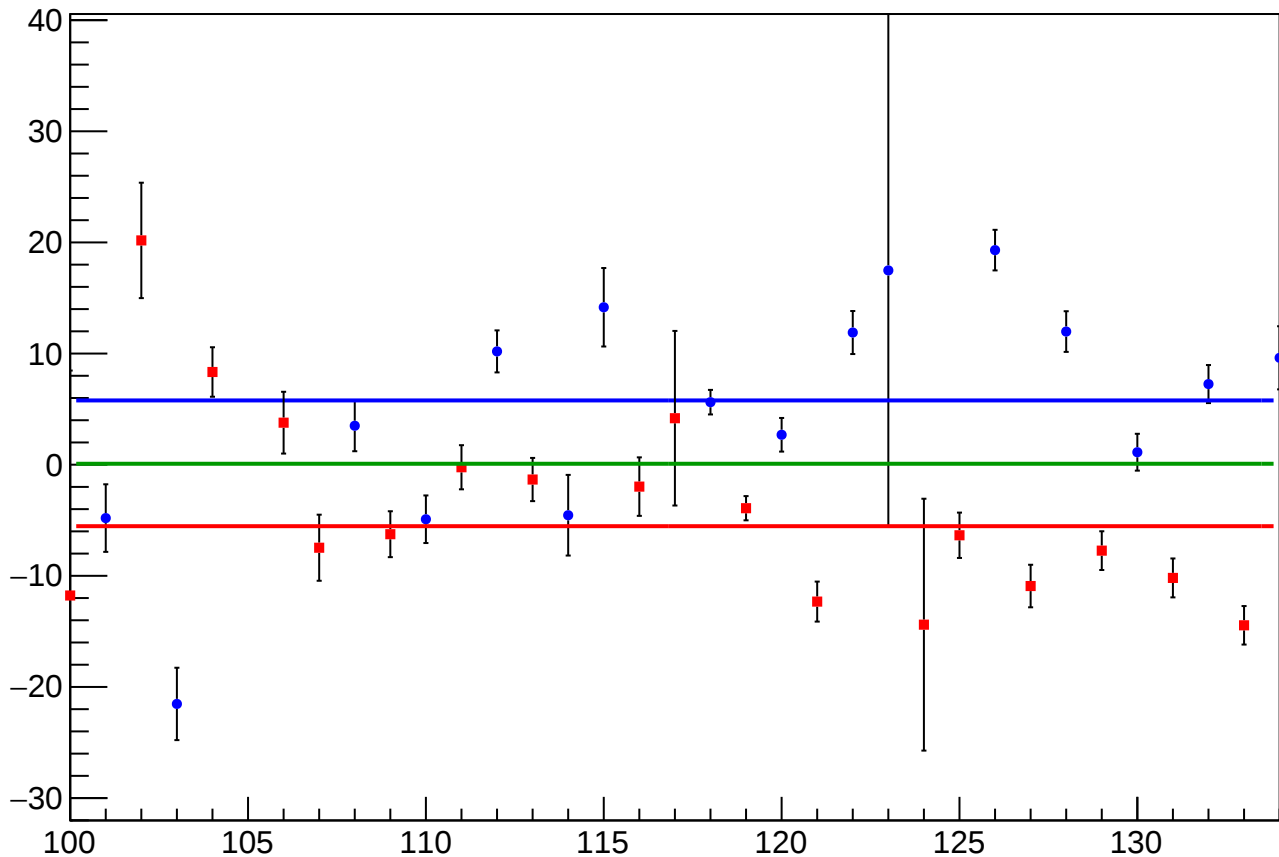
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

38.244 ± 0.828 $\chi^2/\text{NDF}: 317.8/15$

0.371 ± 0.568 $\chi^2/\text{NDF}: 4874.4/33$

-33.262 ± 0.780 $\chi^2/\text{NDF}: 607.0/17$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.782 $\pm$ 0.500 χ^2/NDF : 218.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -5.534 $\pm$ 0.496 χ^2/NDF : 150.6/17

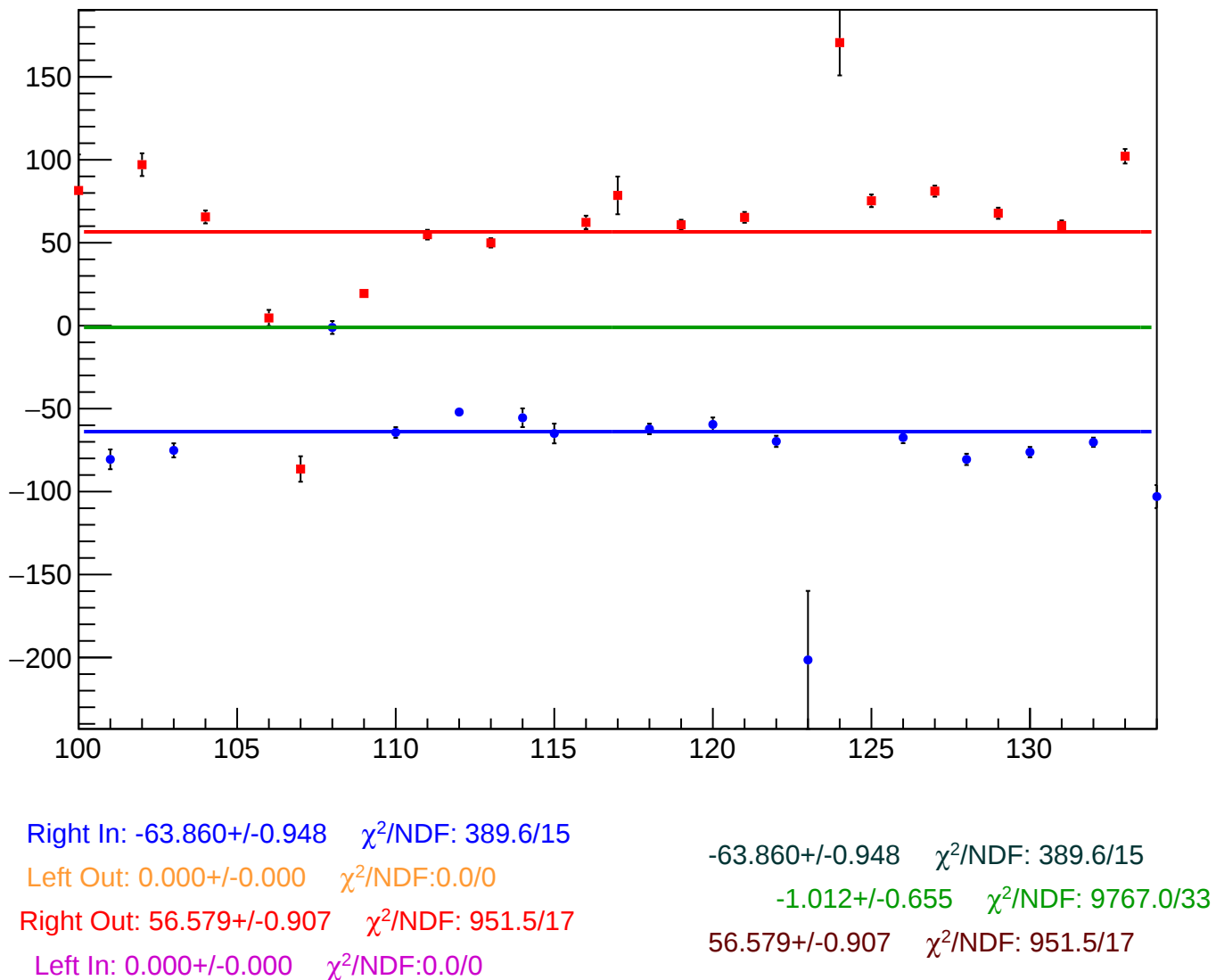
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5.782 $\pm$ 0.500 χ^2/NDF : 218.8/15

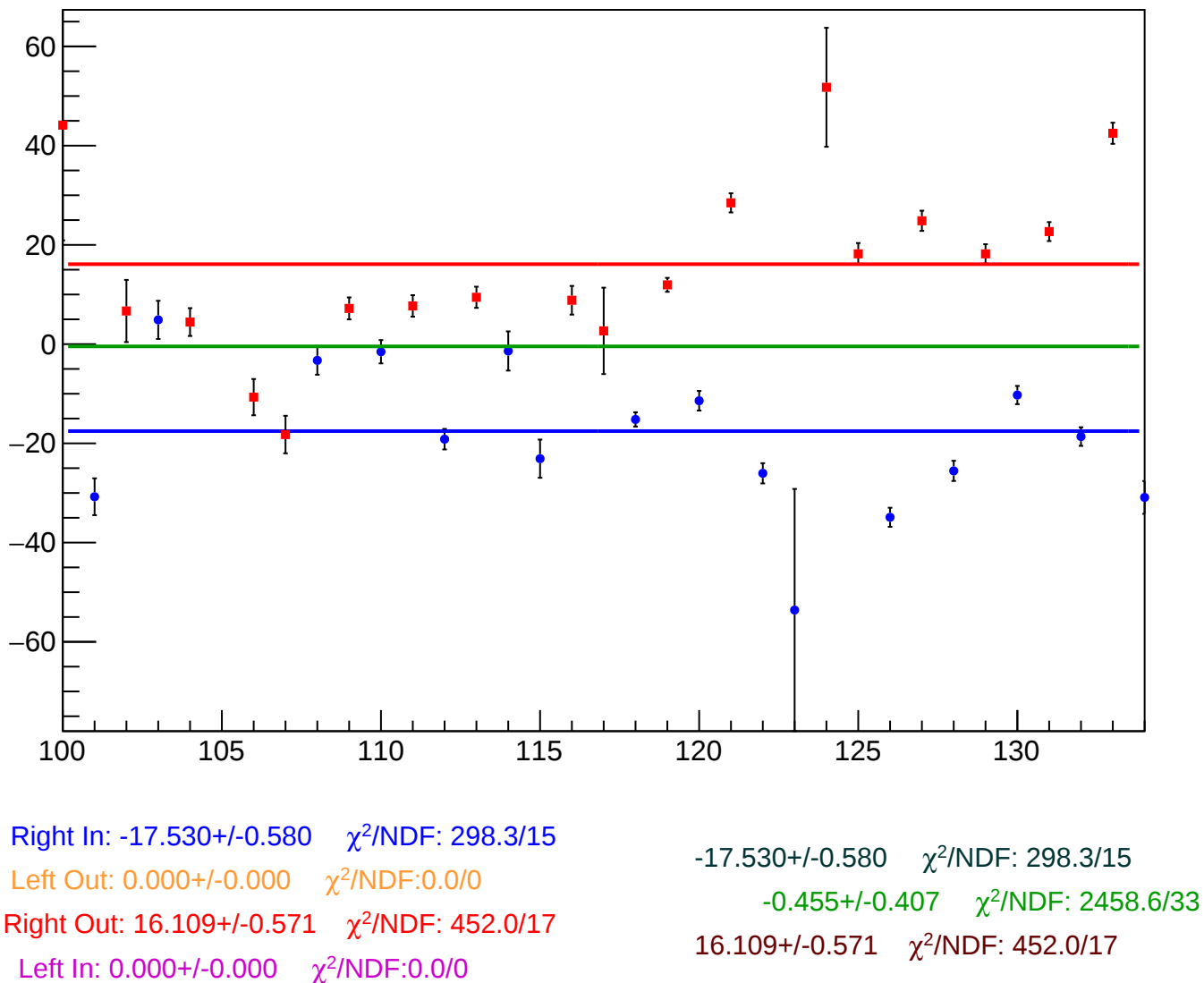
0.083 $\pm$ 0.352 χ^2/NDF : 627.3/33

-5.534 $\pm$ 0.496 χ^2/NDF : 150.6/17

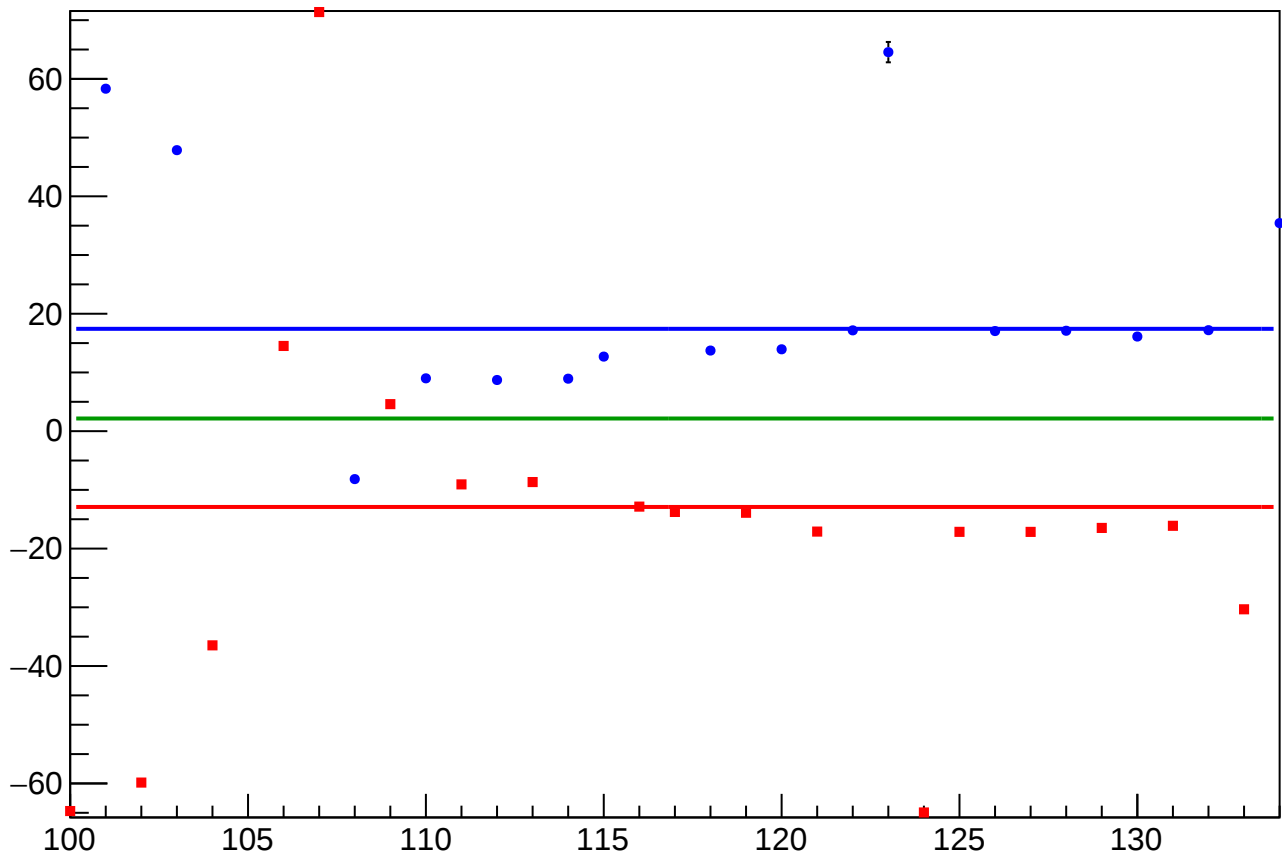
reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.431+/-0.036 χ^2/NDF : 242939.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.909+/-0.036 χ^2/NDF : 460907.1/17

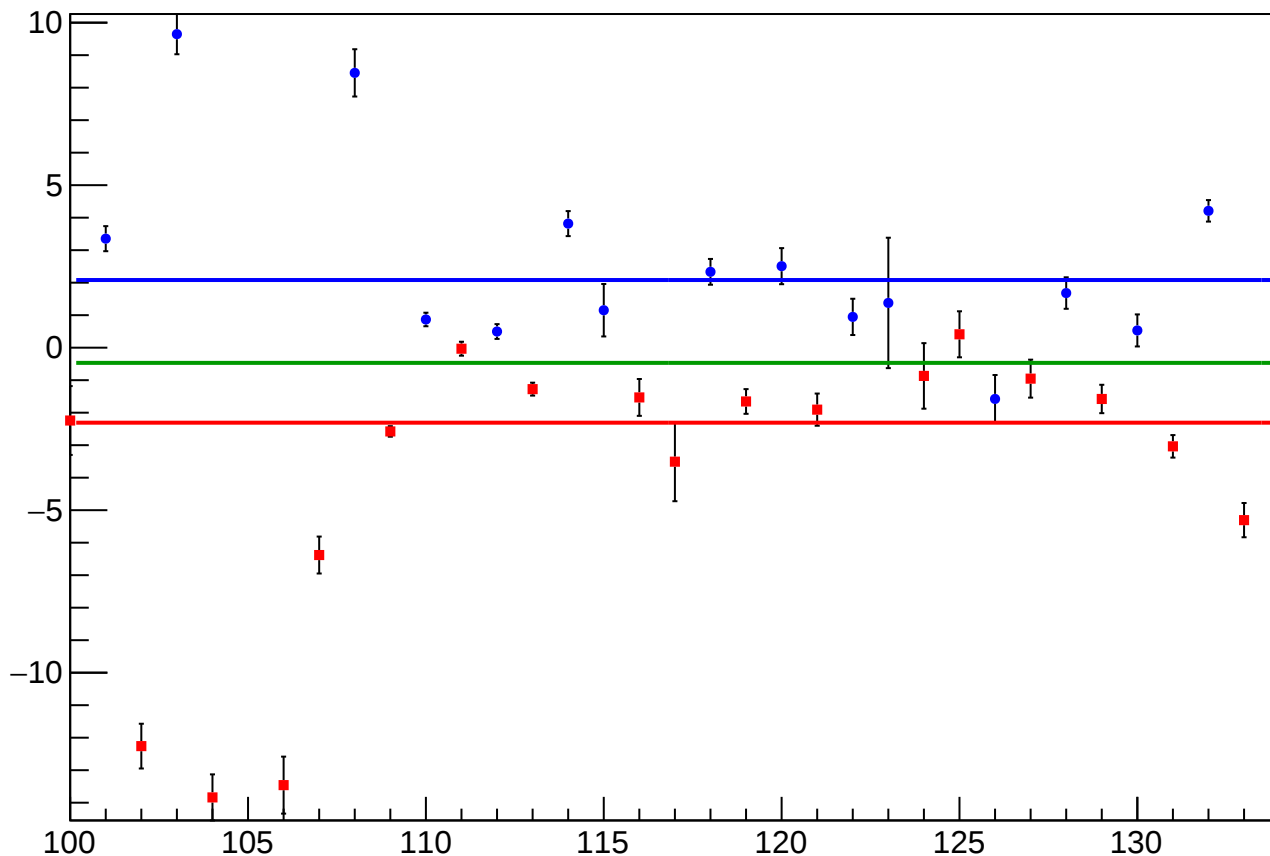
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.431+/-0.036 χ^2/NDF : 242939.3/15

2.157+/-0.025 χ^2/NDF : 1058512.9/33

-12.909+/-0.036 χ^2/NDF : 460907.1/17

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.082 $\pm$ 0.102 χ^2 /NDF: 434.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.308 $\pm$ 0.087 χ^2 /NDF: 897.3/17

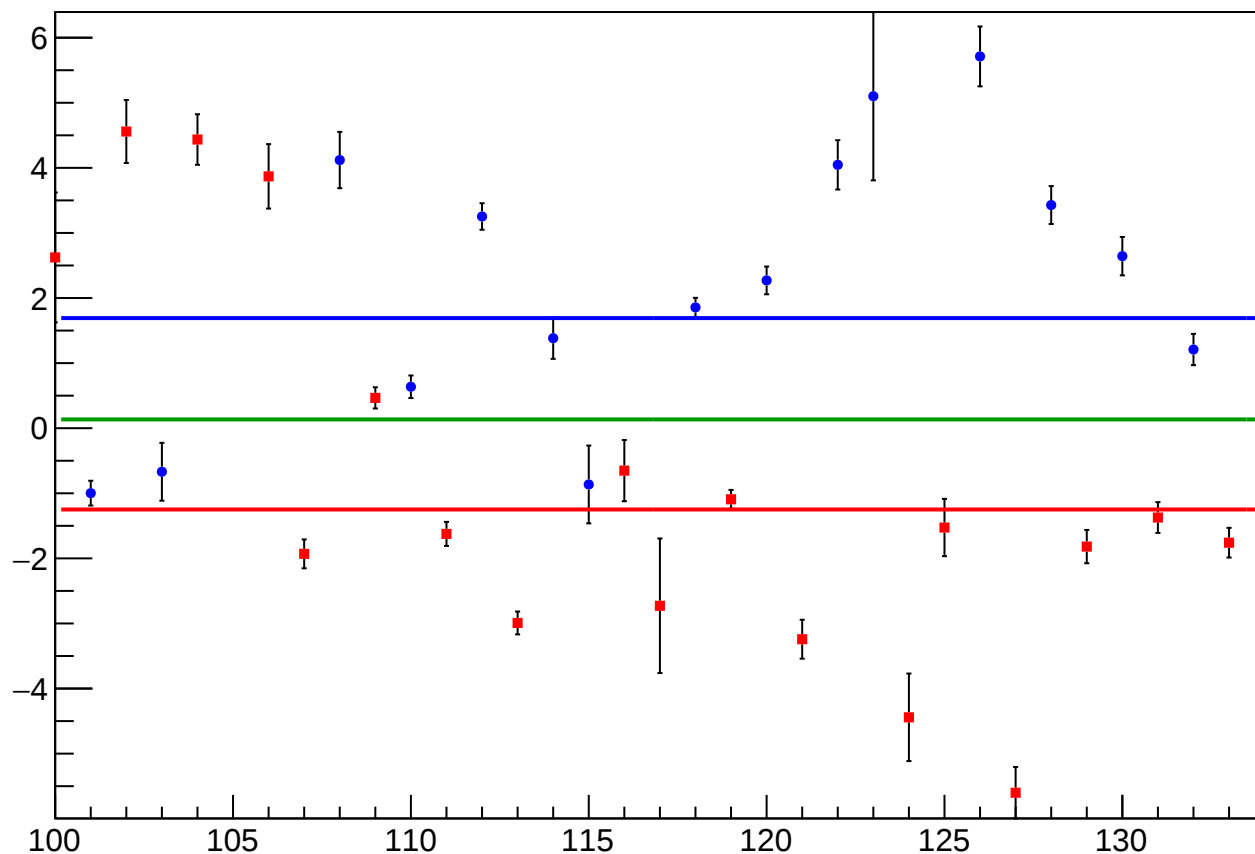
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.082 $\pm$ 0.102 χ^2 /NDF: 434.6/15

-0.467 $\pm$ 0.066 χ^2 /NDF: 2403.3/33

-2.308 $\pm$ 0.087 χ^2 /NDF: 897.3/17

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.692 $\pm$ 0.065 χ^2 /NDF: 554.7/15

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

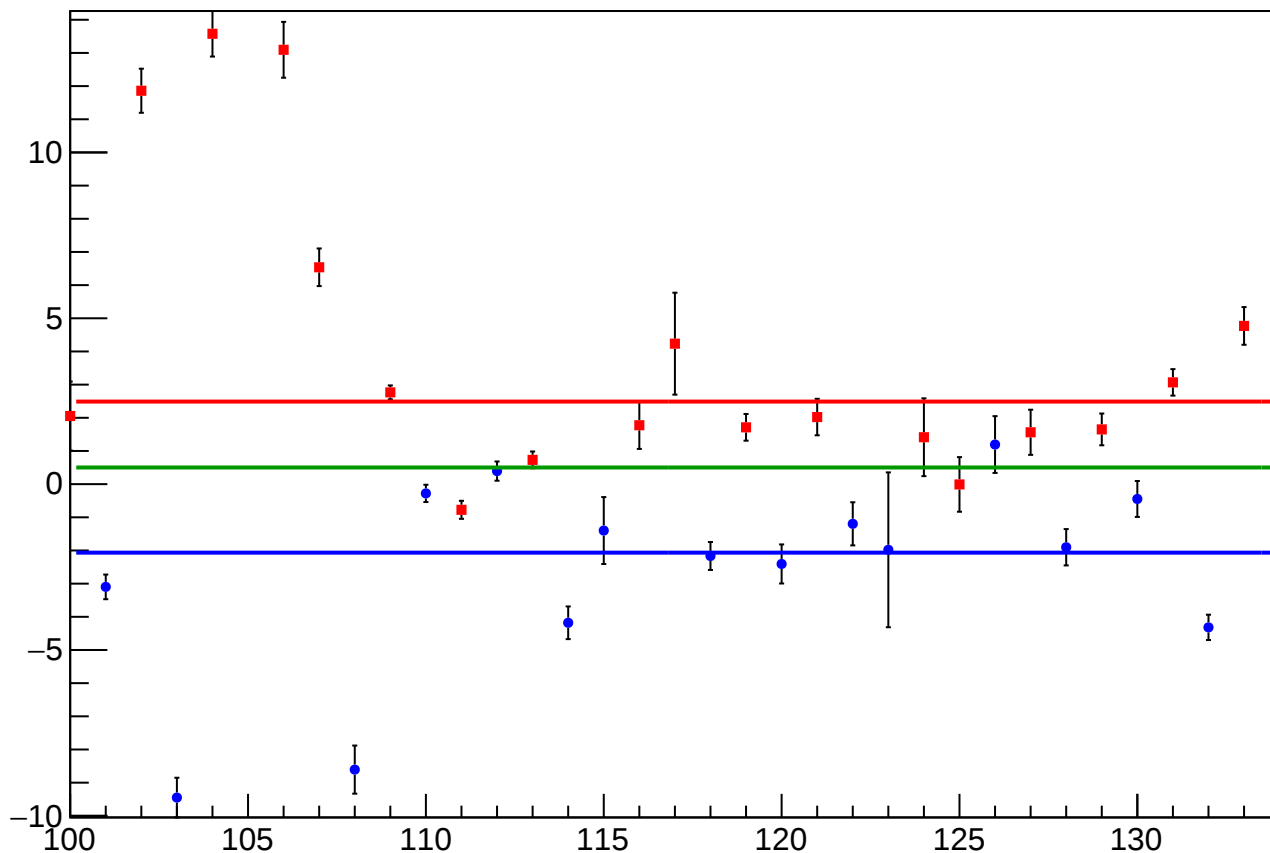
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.692 $\pm$ 0.065 χ^2 /NDF: 554.7/15

0.135 $\pm$ 0.045 χ^2 /NDF: 2547.2/33

-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: -2.065+/-0.119 χ^2/NDF : 444.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.489+/-0.104 χ^2/NDF : 903.9/17

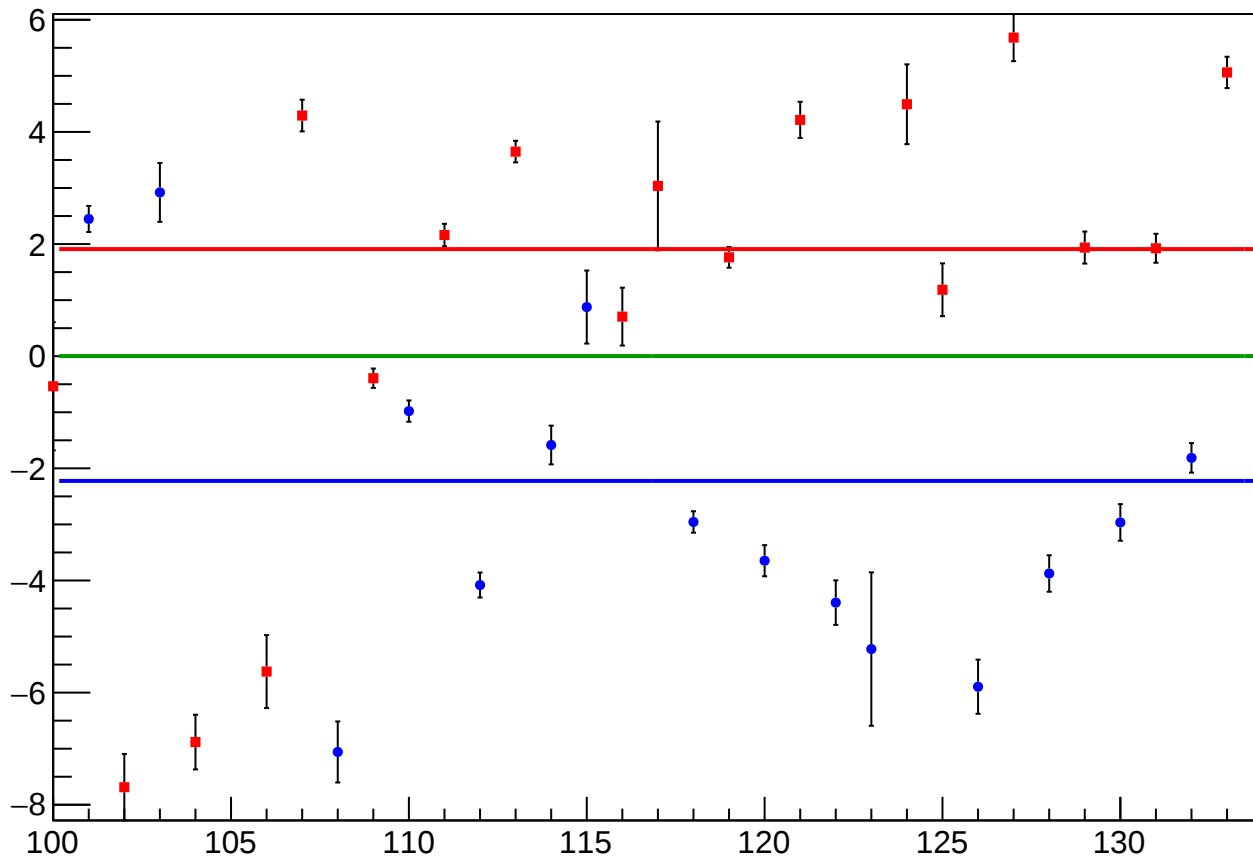
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.065+/-0.119 χ^2/NDF : 444.9/15

0.502+/-0.078 χ^2/NDF : 2178.5/33

2.489+/-0.104 χ^2/NDF : 903.9/17

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.224+/-0.076 χ^2/NDF : 908.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.911+/-0.070 χ^2/NDF : 1339.7/17

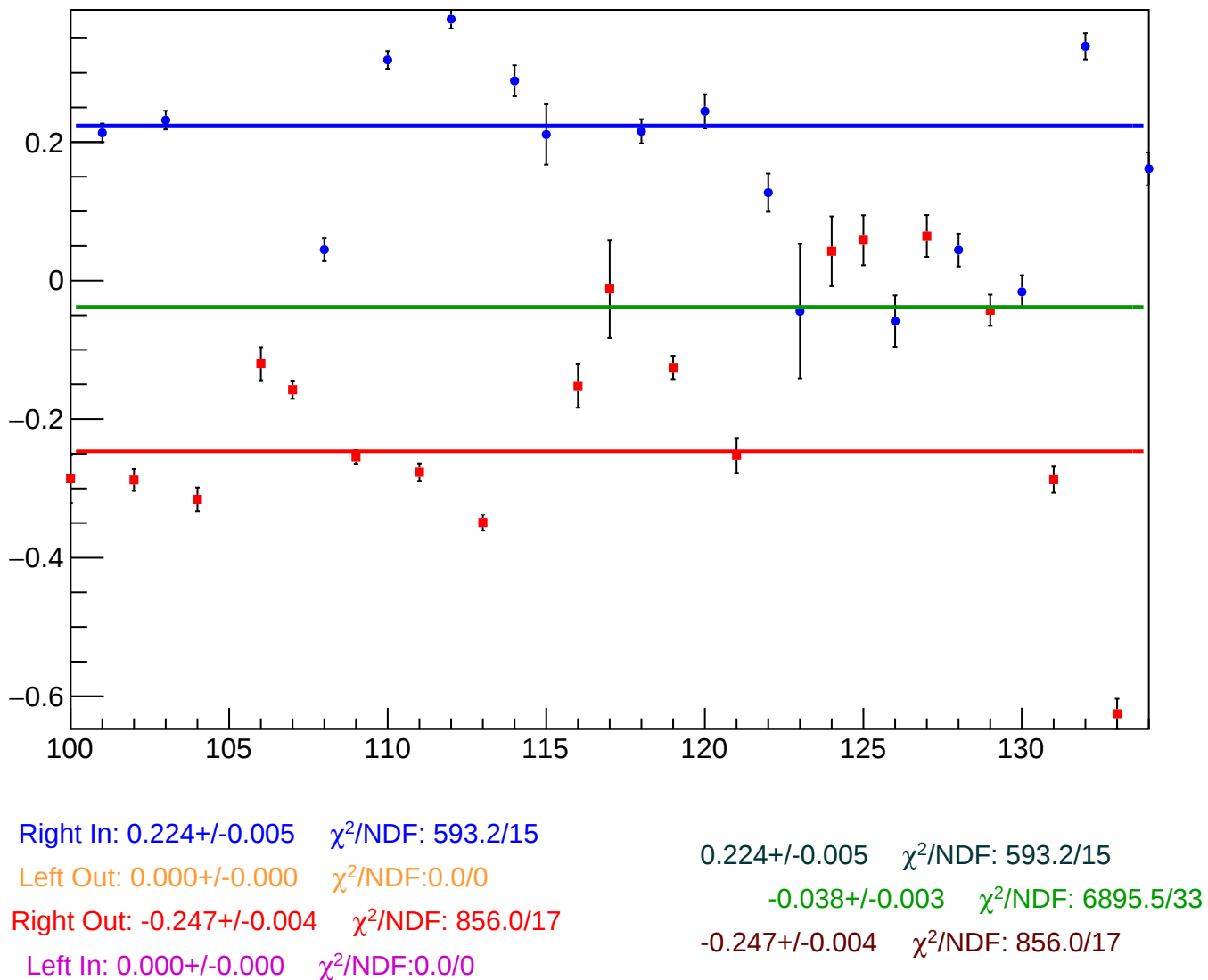
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.224+/-0.076 χ^2/NDF : 908.6/15

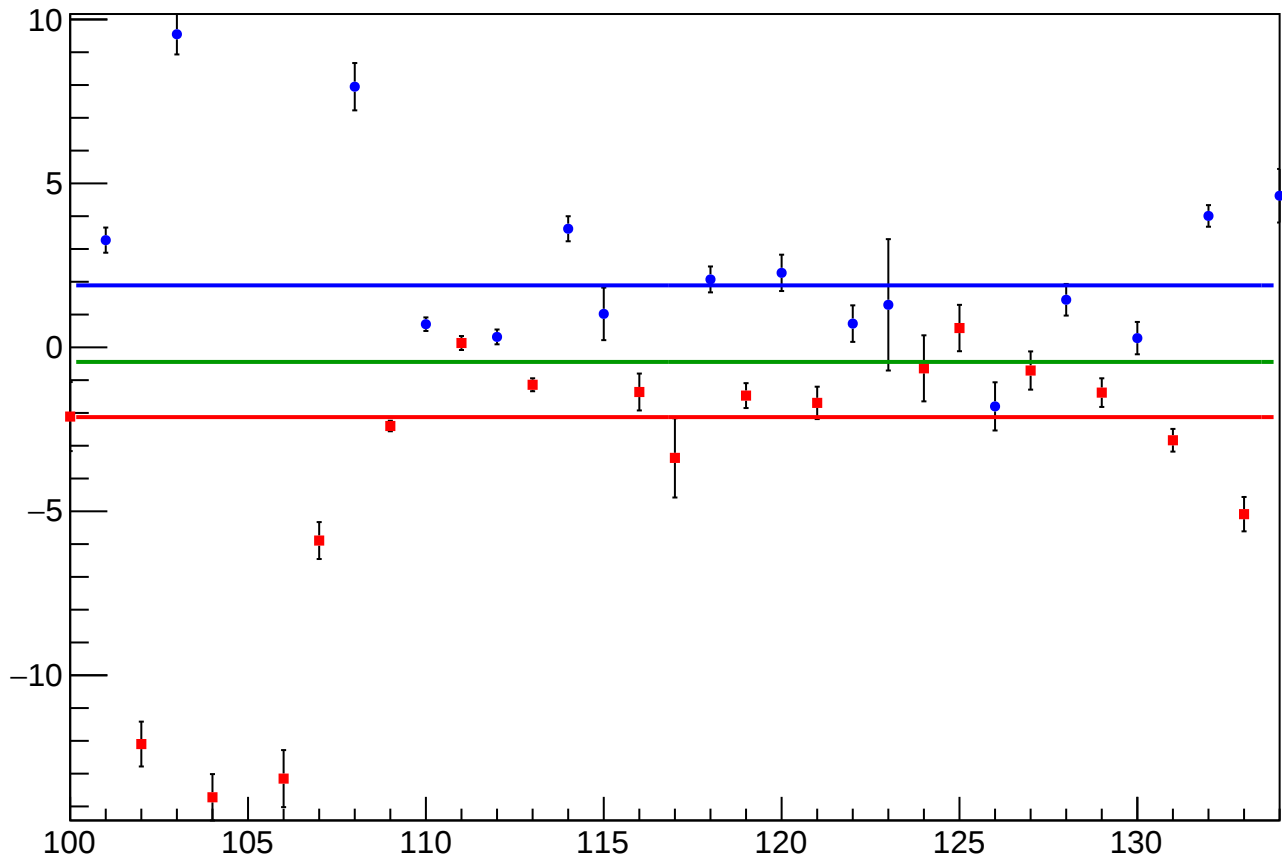
0.002+/-0.051 χ^2/NDF : 3854.6/33

1.911+/-0.070 χ^2/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: 1.890 $\pm$ 0.102 χ^2/NDF : 434.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.127 $\pm$ 0.086 χ^2/NDF : 896.2/17

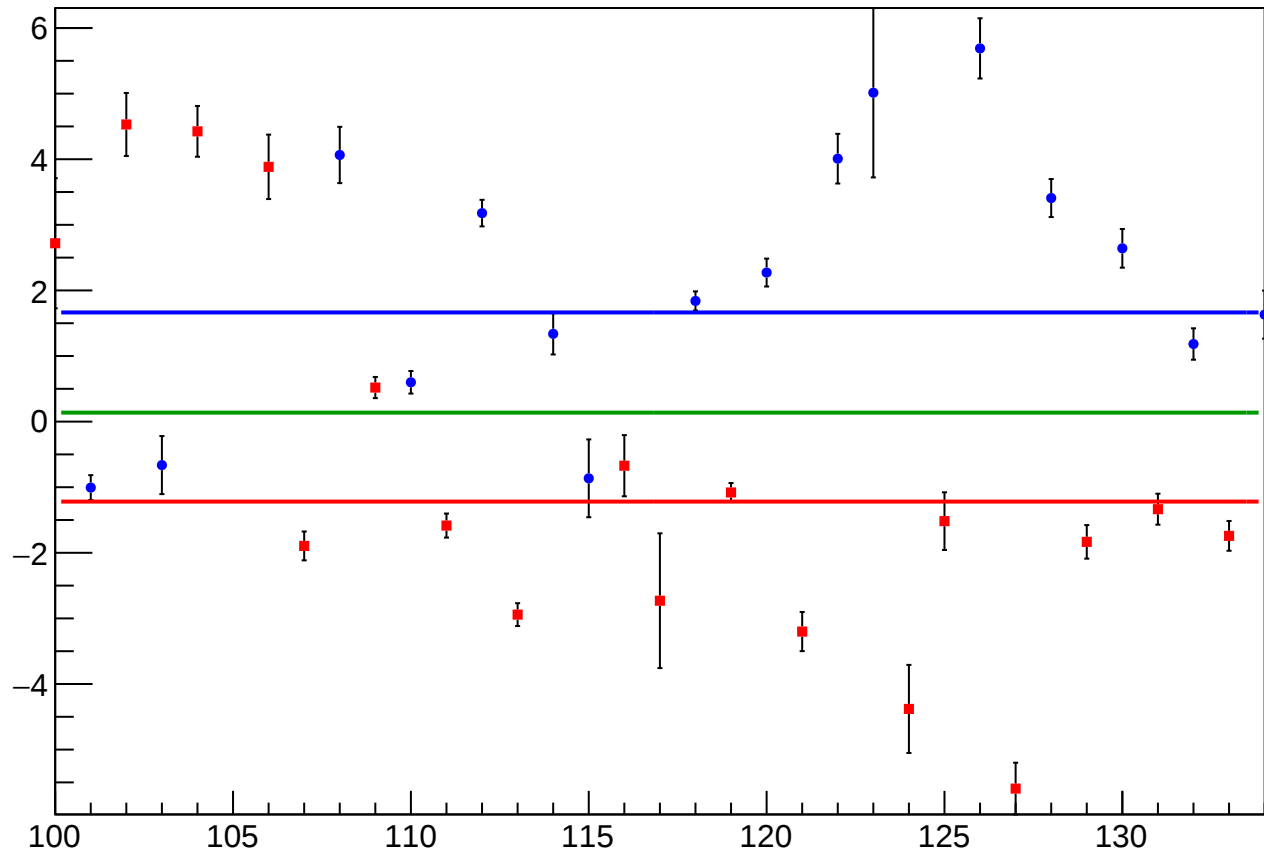
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.890 $\pm$ 0.102 χ^2/NDF : 434.8/15

-0.444 $\pm$ 0.066 χ^2/NDF : 2238.5/33

-2.127 $\pm$ 0.086 χ^2/NDF : 896.2/17

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.664 $\pm$ 0.065 χ^2 /NDF: 553.5/15

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

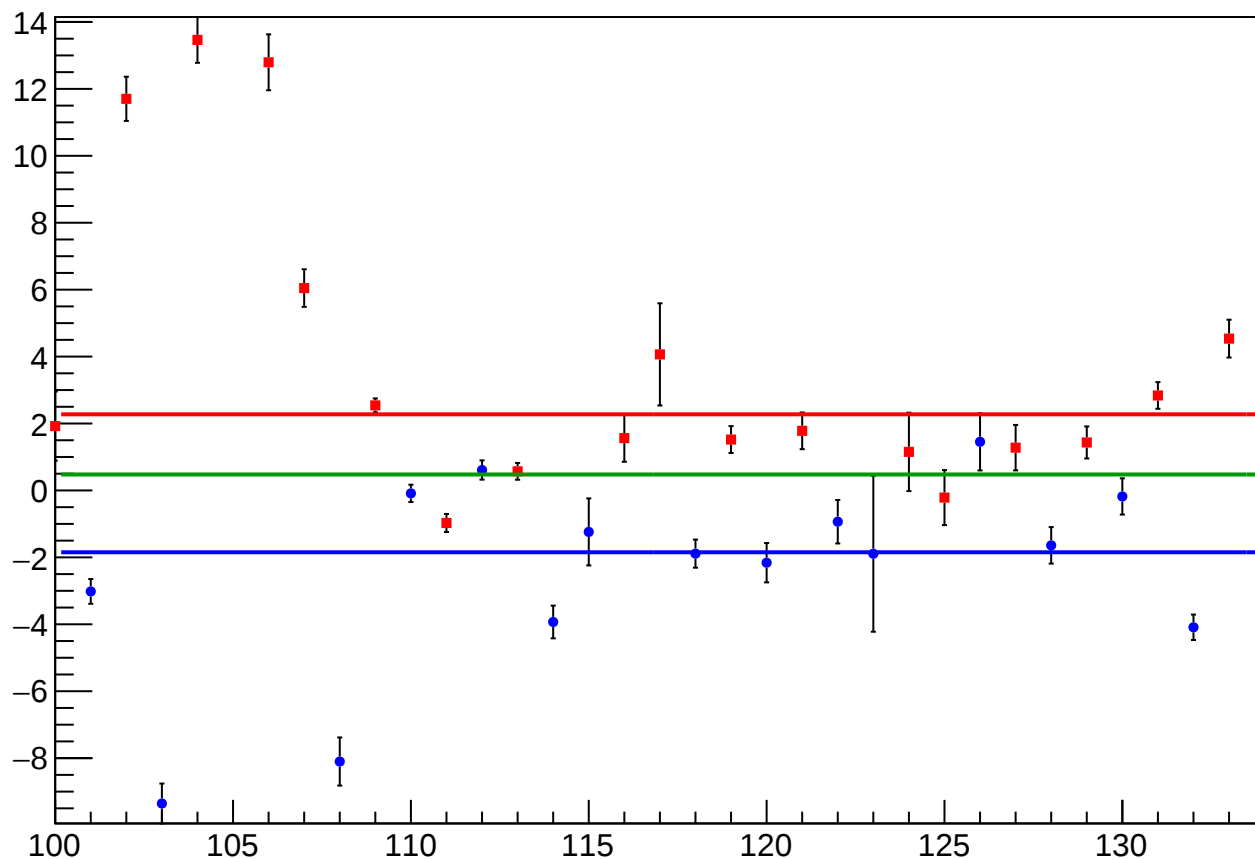
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.664 $\pm$ 0.065 χ^2 /NDF: 553.5/15

0.137 $\pm$ 0.044 χ^2 /NDF: 2518.7/33

-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: -1.848 ± 0.118 χ^2/NDF : 448.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.275 ± 0.104 χ^2/NDF : 907.9/17

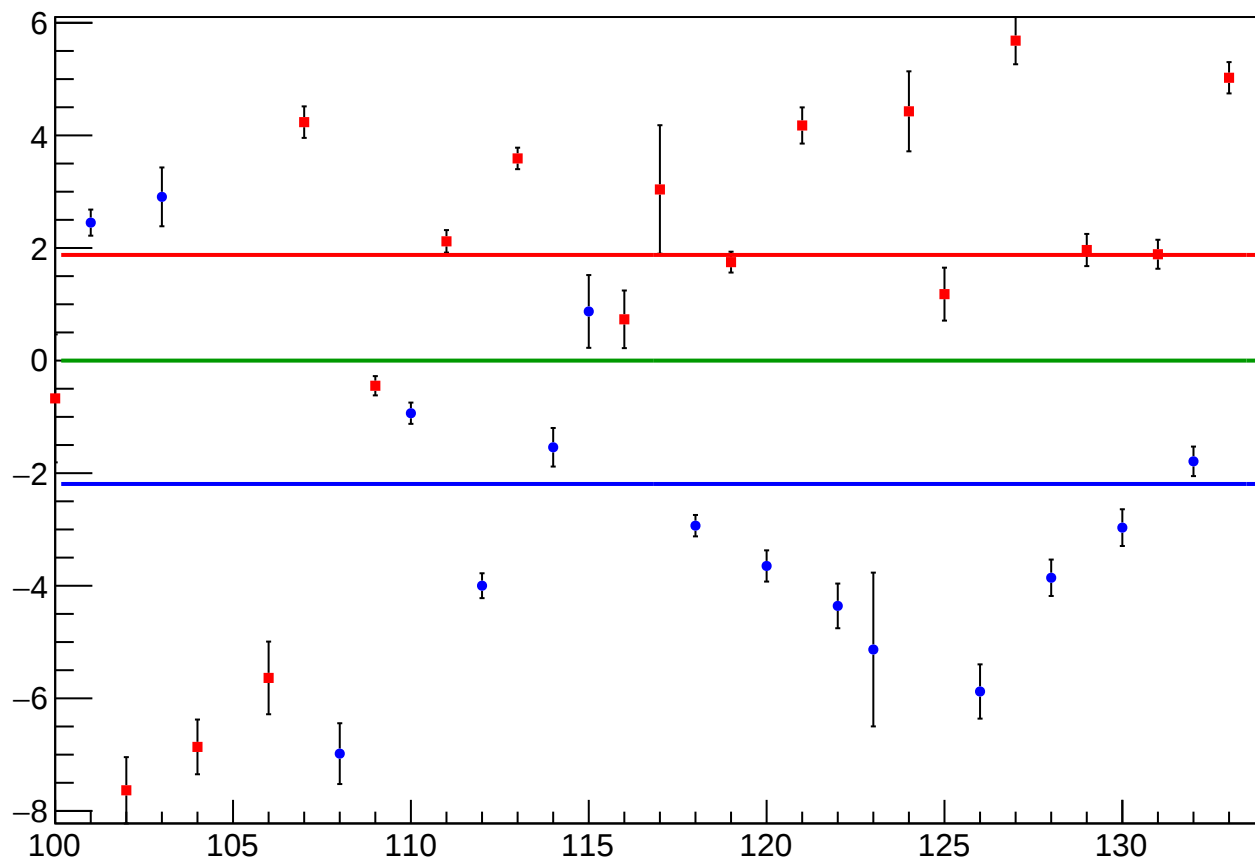
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.848 ± 0.118 χ^2/NDF : 448.5/15

0.477 ± 0.078 χ^2/NDF : 2043.8/33

2.275 ± 0.104 χ^2/NDF : 907.9/17

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.192 ± 0.075 χ^2/NDF : 907.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.877 ± 0.070 χ^2/NDF : 1345.3/17

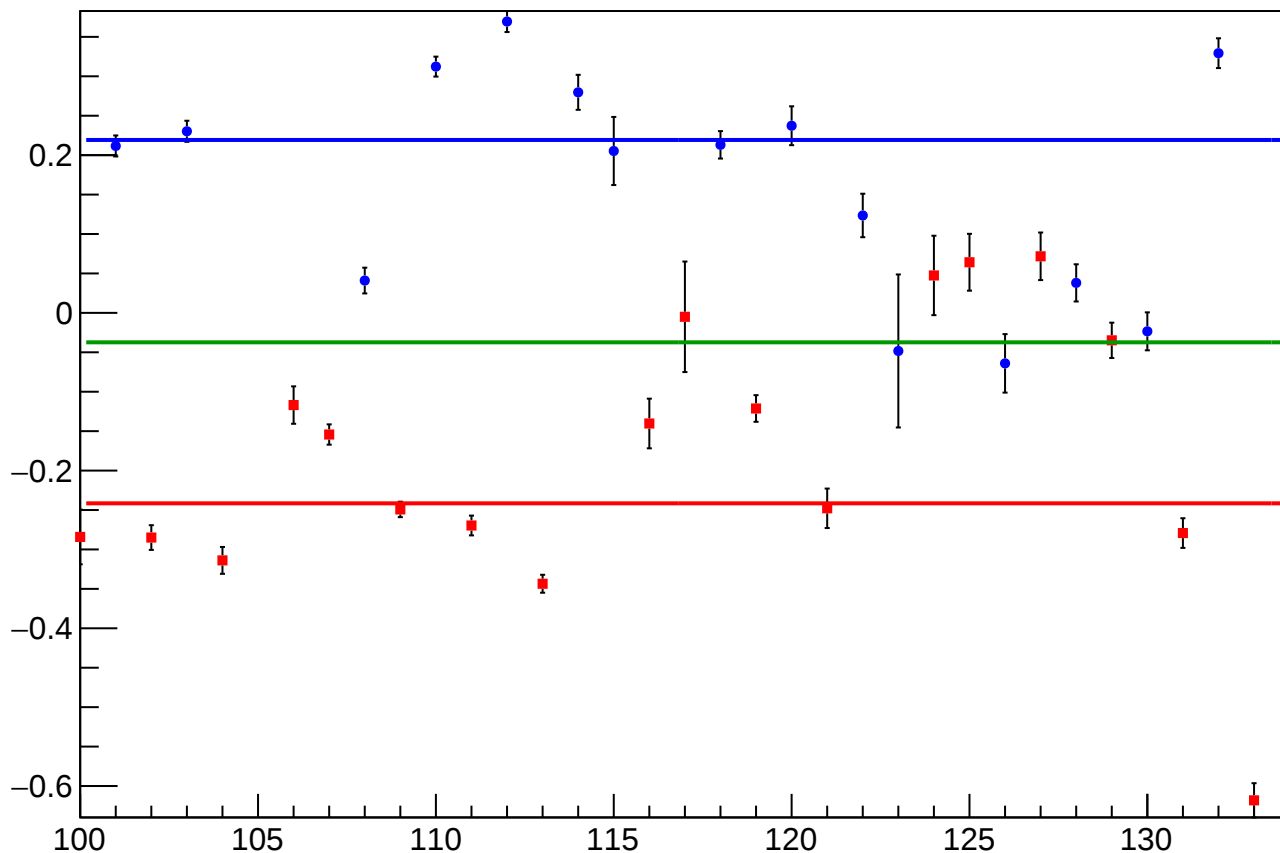
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.192 ± 0.075 χ^2/NDF : 907.0/15

-0.000 ± 0.051 χ^2/NDF : 3822.4/33

1.877 ± 0.070 χ^2/NDF : 1345.3/17

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.219+/-0.005 χ^2/NDF : 588.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.242+/-0.004 χ^2/NDF : 861.9/17

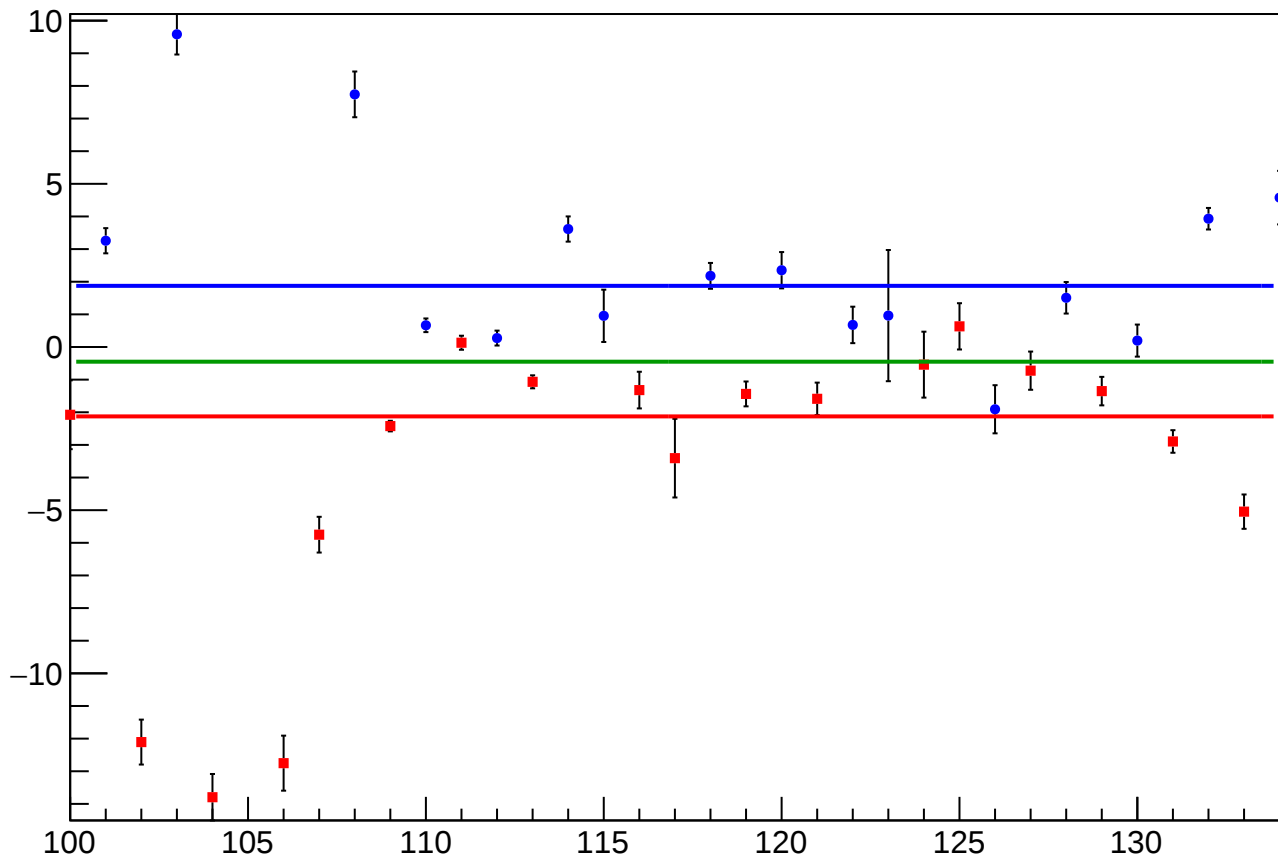
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.219+/-0.005 χ^2/NDF : 588.1/15

-0.037+/-0.003 χ^2/NDF : 6730.4/33

-0.242+/-0.004 χ^2/NDF : 861.9/17

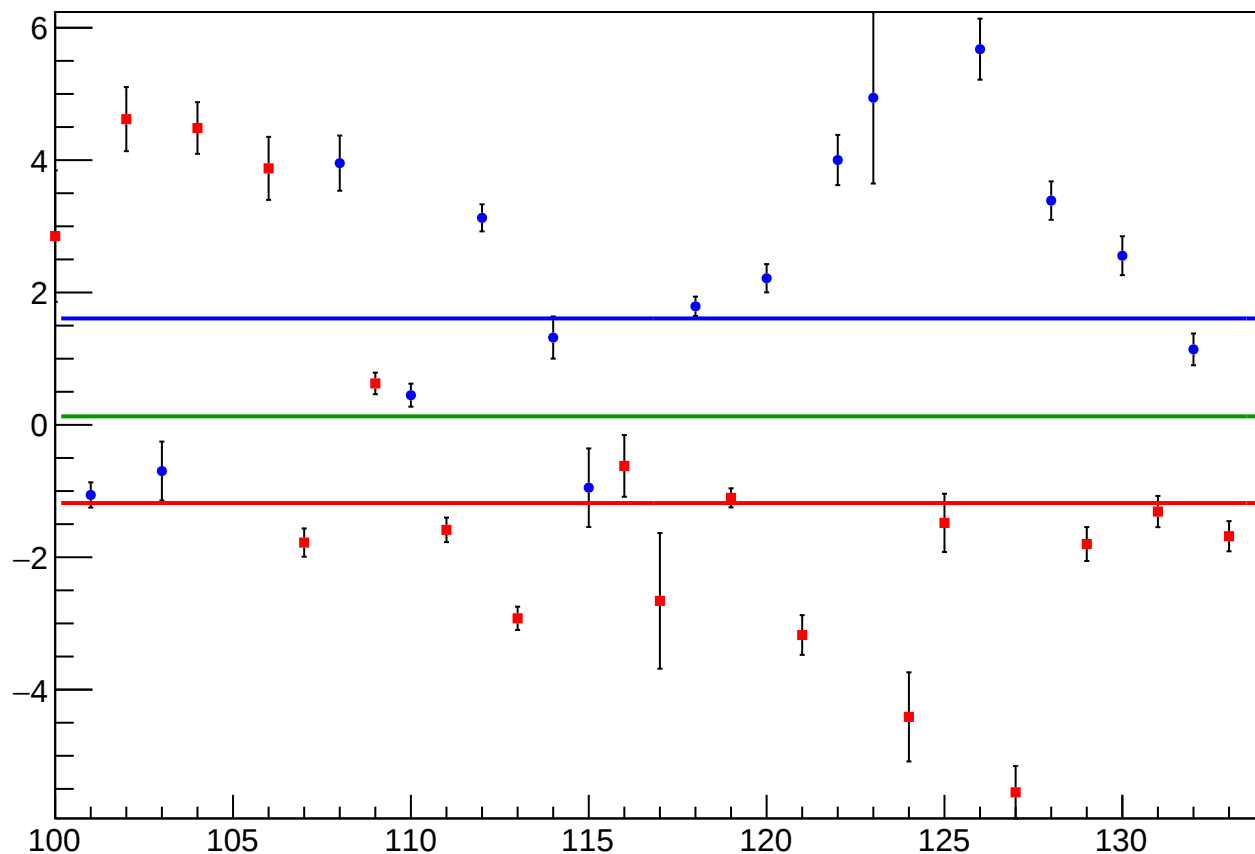
reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.874 $\pm$ 0.102 χ^2/NDF : 435.6/15
 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

1.874 $\pm$ 0.102 χ^2/NDF : 435.6/15
 -0.450 $\pm$ 0.066 χ^2/NDF : 2217.5/33
 -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: 1.608 $\pm$ 0.065 χ^2 /NDF: 558.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.181 $\pm$ 0.061 χ^2 /NDF: 921.4/17

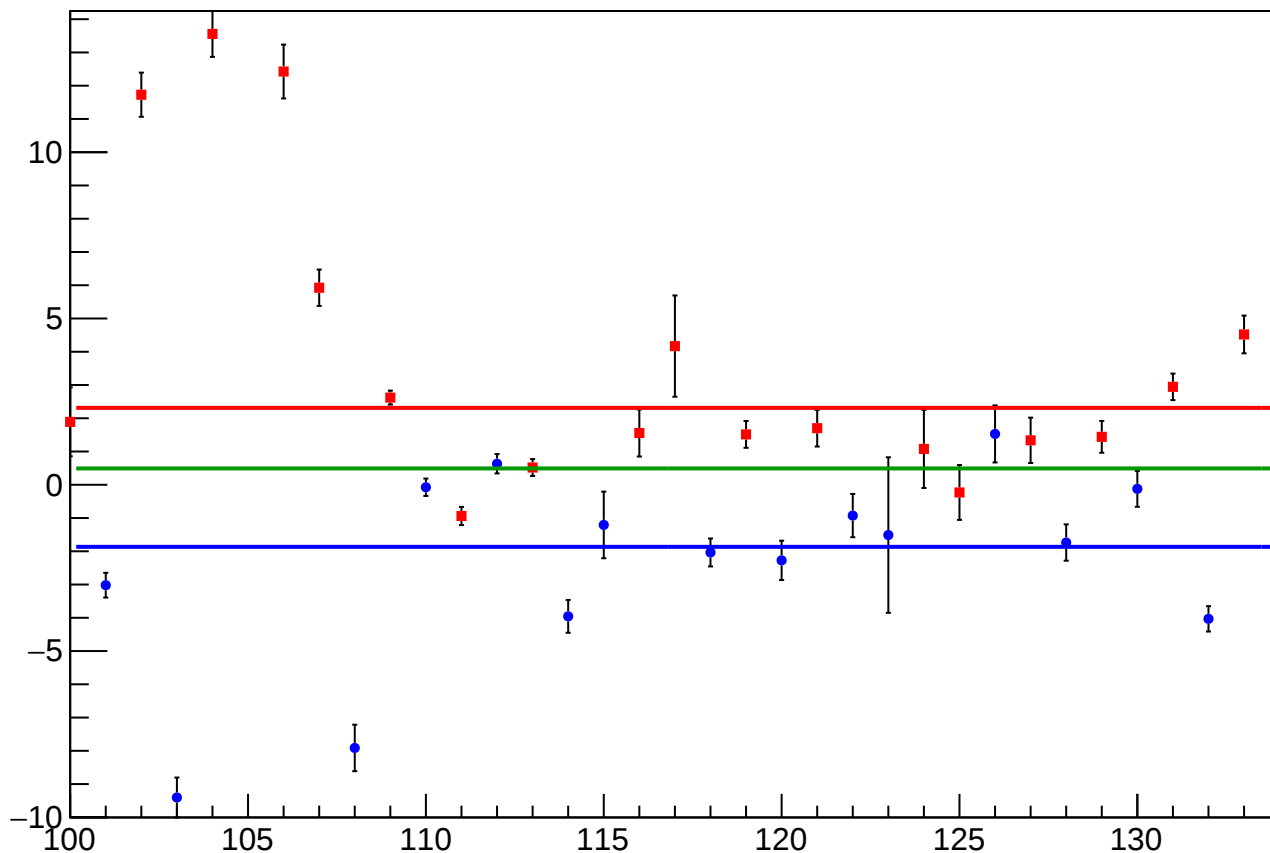
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.608 $\pm$ 0.065 χ^2 /NDF: 558.8/15

0.129 $\pm$ 0.044 χ^2 /NDF: 2458.8/33

-1.181 $\pm$ 0.061 χ^2 /NDF: 921.4/17

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.866±/0.119 χ^2/NDF : 447.3/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 2.313±/0.104 χ^2/NDF : 902.6/17

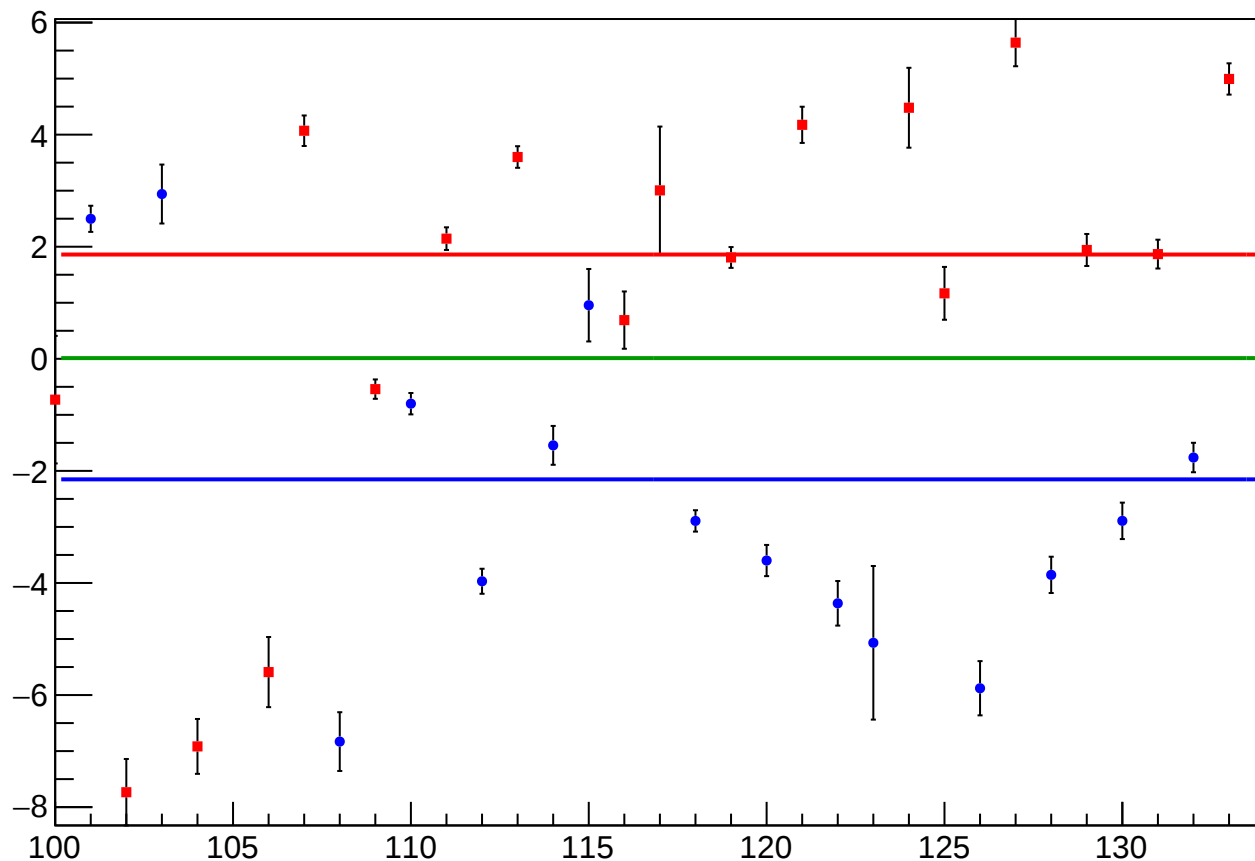
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-1.866±/0.119 χ^2/NDF : 447.3/15

0.491±/0.078 χ^2/NDF : 2048.9/33

2.313±/0.104 χ^2/NDF : 902.6/17

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.151+/-0.076 χ^2/NDF : 910.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.861+/-0.070 χ^2/NDF : 1352.1/17

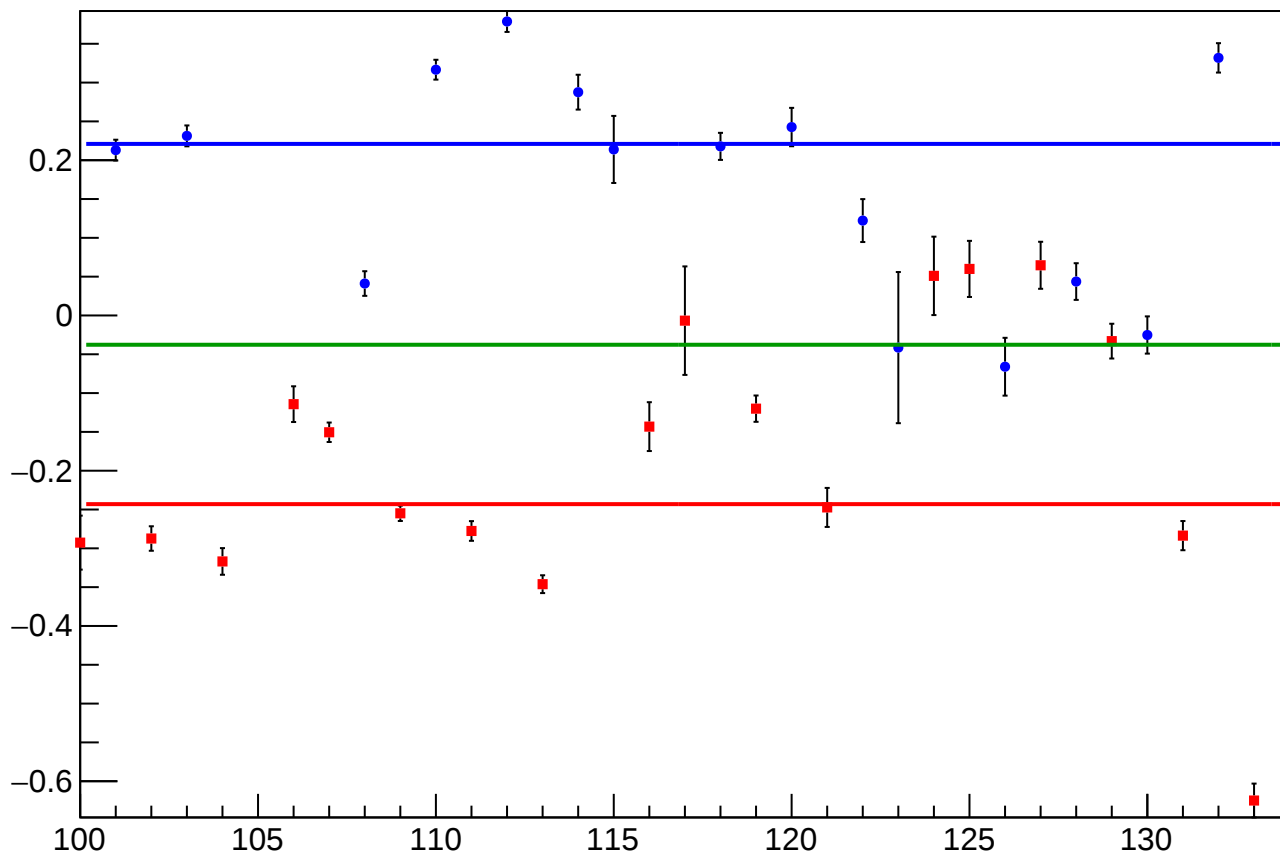
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.151+/-0.076 χ^2/NDF : 910.2/15

0.012+/-0.051 χ^2/NDF : 3776.6/33

1.861+/-0.070 χ^2/NDF : 1352.1/17

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.221+/-0.005 χ^2/NDF : 613.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.243+/-0.004 χ^2/NDF : 884.6/17

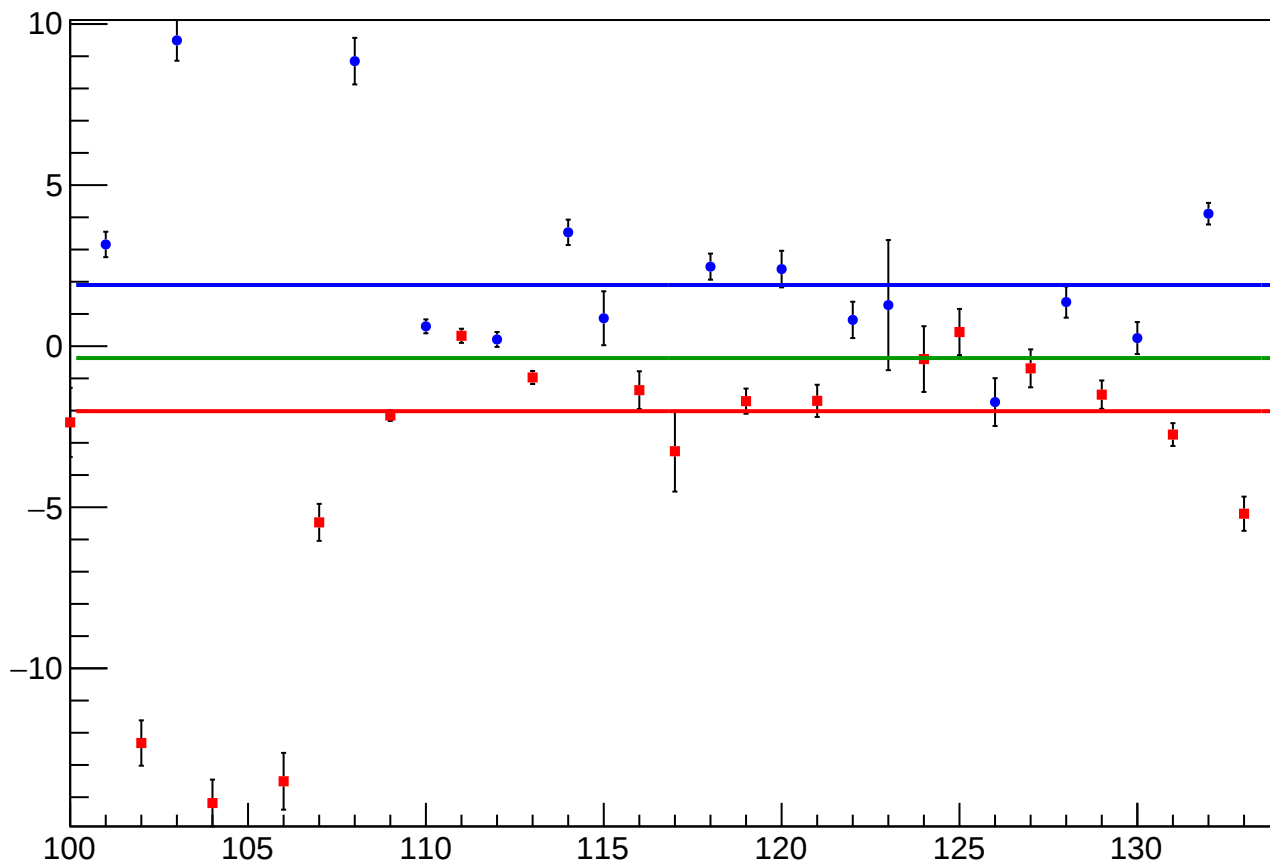
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.221+/-0.005 χ^2/NDF : 613.6/15

-0.038+/-0.003 χ^2/NDF : 6826.4/33

-0.243+/-0.004 χ^2/NDF : 884.6/17

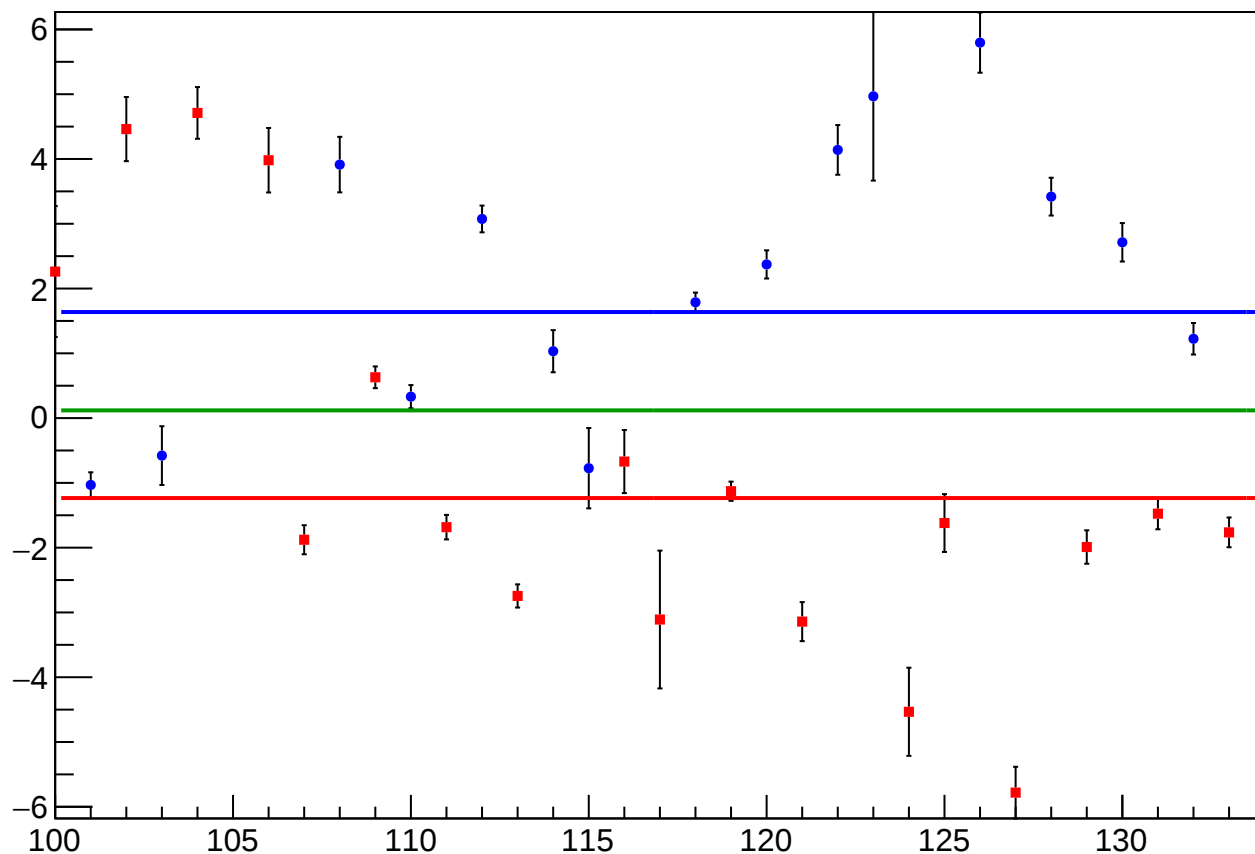
reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.899 ± 0.104 χ^2/NDF : 454.3/15
 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

1.899 ± 0.104 χ^2/NDF : 454.3/15
 -0.369 ± 0.068 χ^2/NDF : 2177.8/33
 -2.017 ± 0.089 χ^2/NDF : 905.2/17

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.637+/-0.066 χ^2/NDF : 554.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.234+/-0.062 χ^2/NDF : 898.4/17

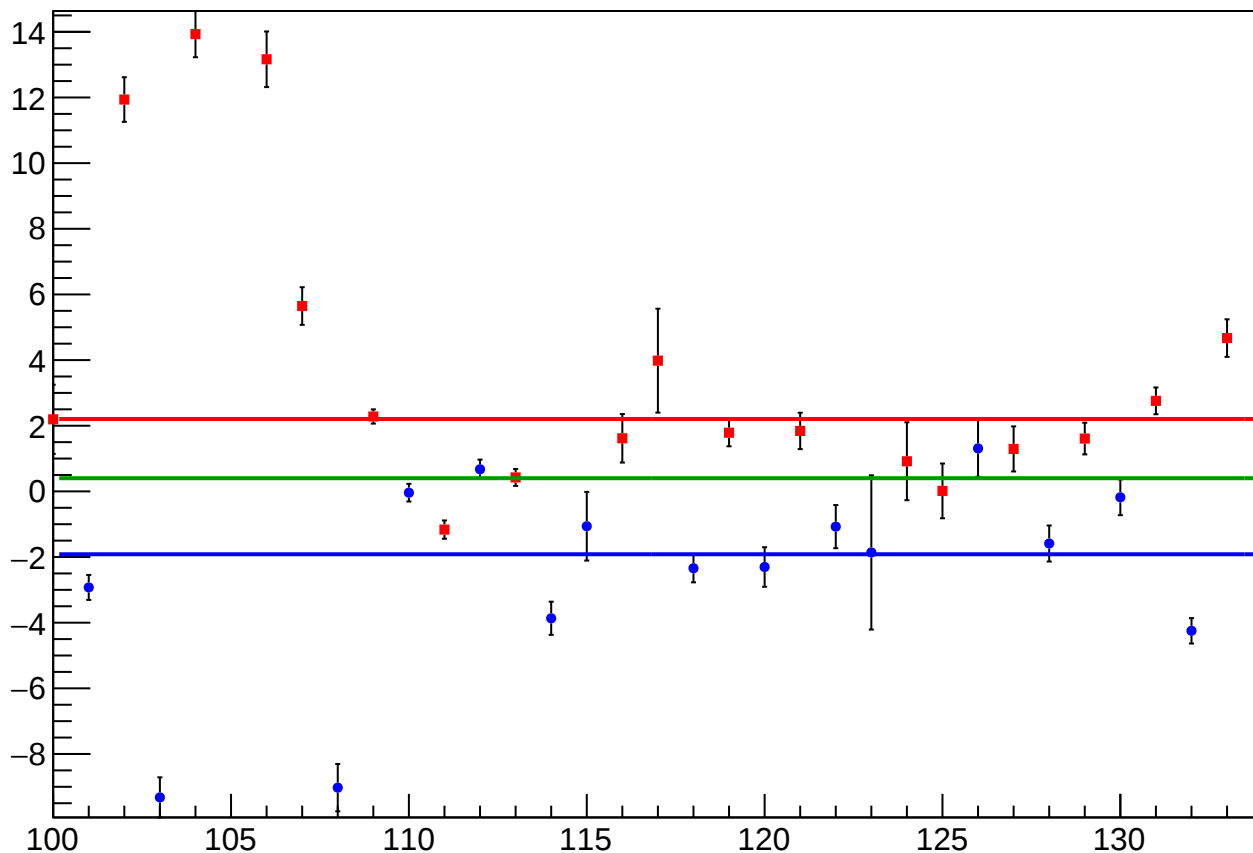
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.637+/-0.066 χ^2/NDF : 554.4/15

0.119+/-0.045 χ^2/NDF : 2448.9/33

-1.234+/-0.062 χ^2/NDF : 898.4/17

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.916 $\pm$ 0.121 χ^2/NDF : 463.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.206 $\pm$ 0.107 χ^2/NDF : 915.6/17

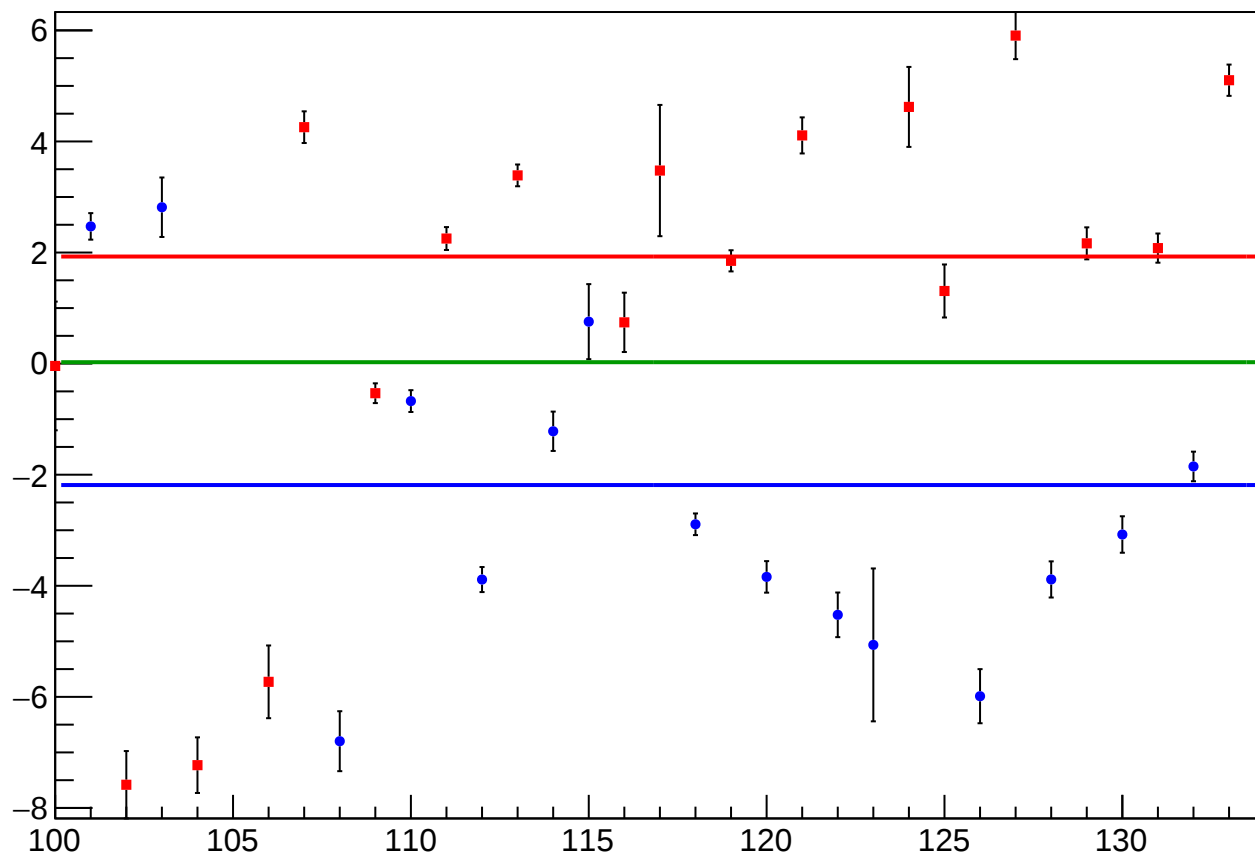
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.916 $\pm$ 0.121 χ^2/NDF : 463.2/15

0.402 $\pm$ 0.080 χ^2/NDF : 2031.7/33

2.206 $\pm$ 0.107 χ^2/NDF : 915.6/17

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.186 ± 0.077 χ^2/NDF : 894.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.928 ± 0.072 χ^2/NDF : 1319.4/17

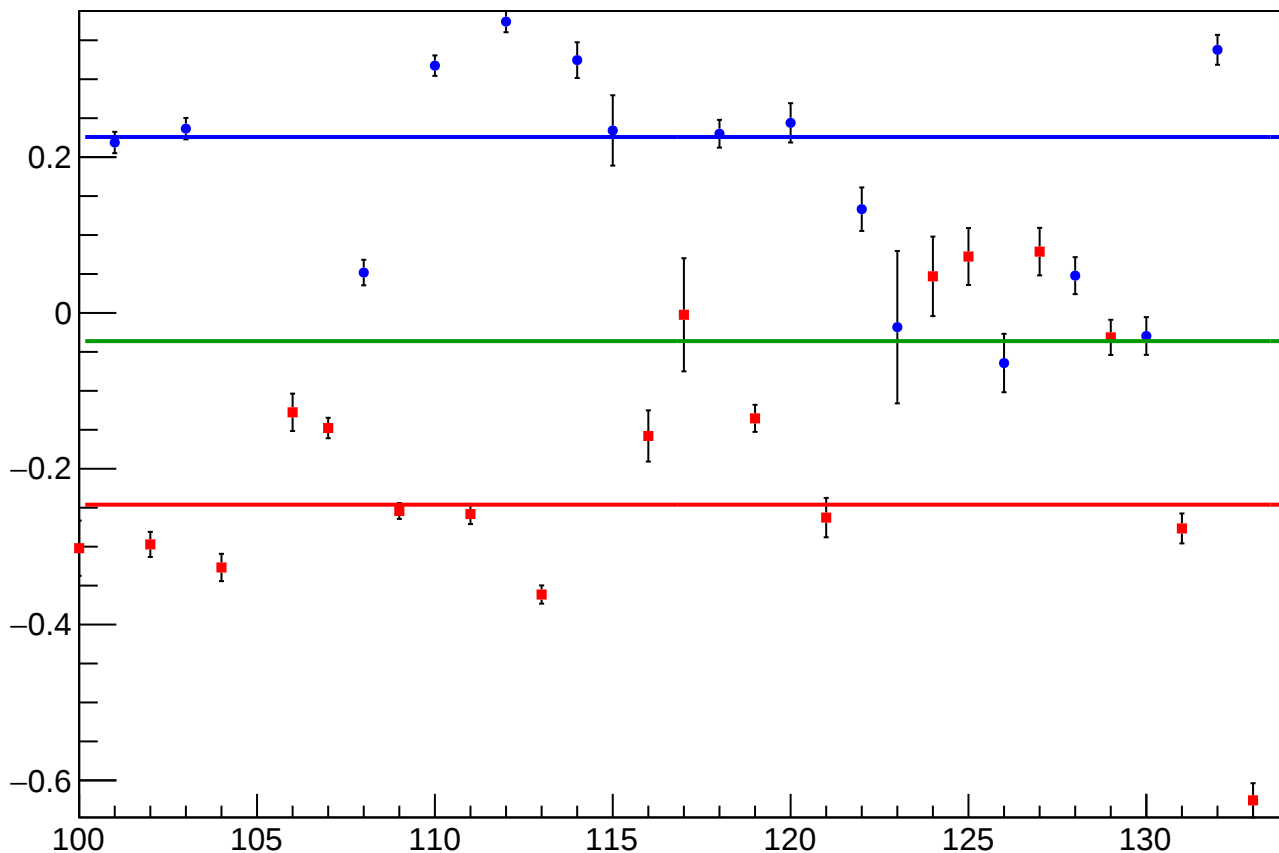
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.186 ± 0.077 χ^2/NDF : 894.0/15

0.026 ± 0.052 χ^2/NDF : 3743.9/33

1.928 ± 0.072 χ^2/NDF : 1319.4/17

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.226 $\pm$ 0.005 χ^2/NDF : 588.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 $\pm$ 0.004 χ^2/NDF : 885.8/17

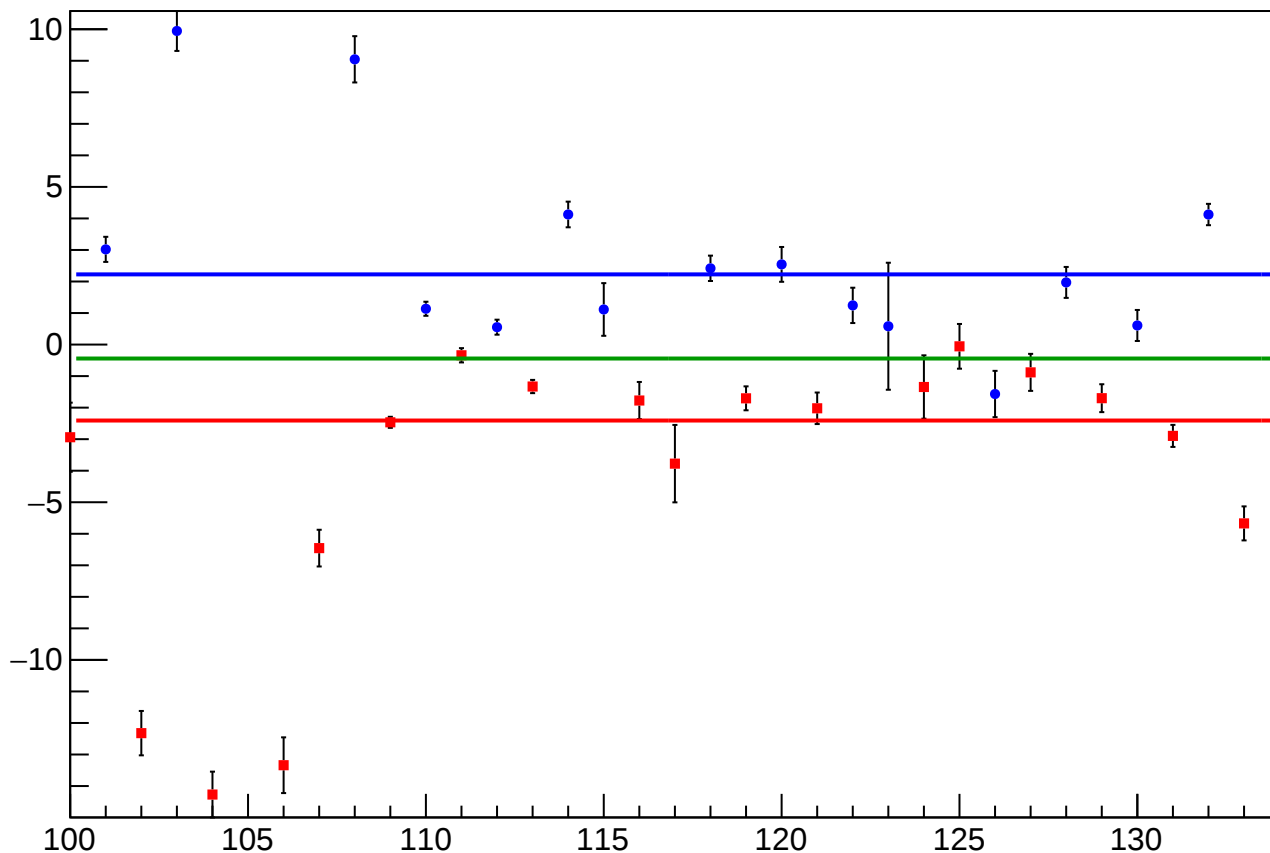
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.226 $\pm$ 0.005 χ^2/NDF : 588.9/15

-0.036 $\pm$ 0.003 χ^2/NDF : 6756.0/33

-0.246 $\pm$ 0.004 χ^2/NDF : 885.8/17

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.226 $\pm$ 0.106 χ^2/NDF : 421.8/15

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

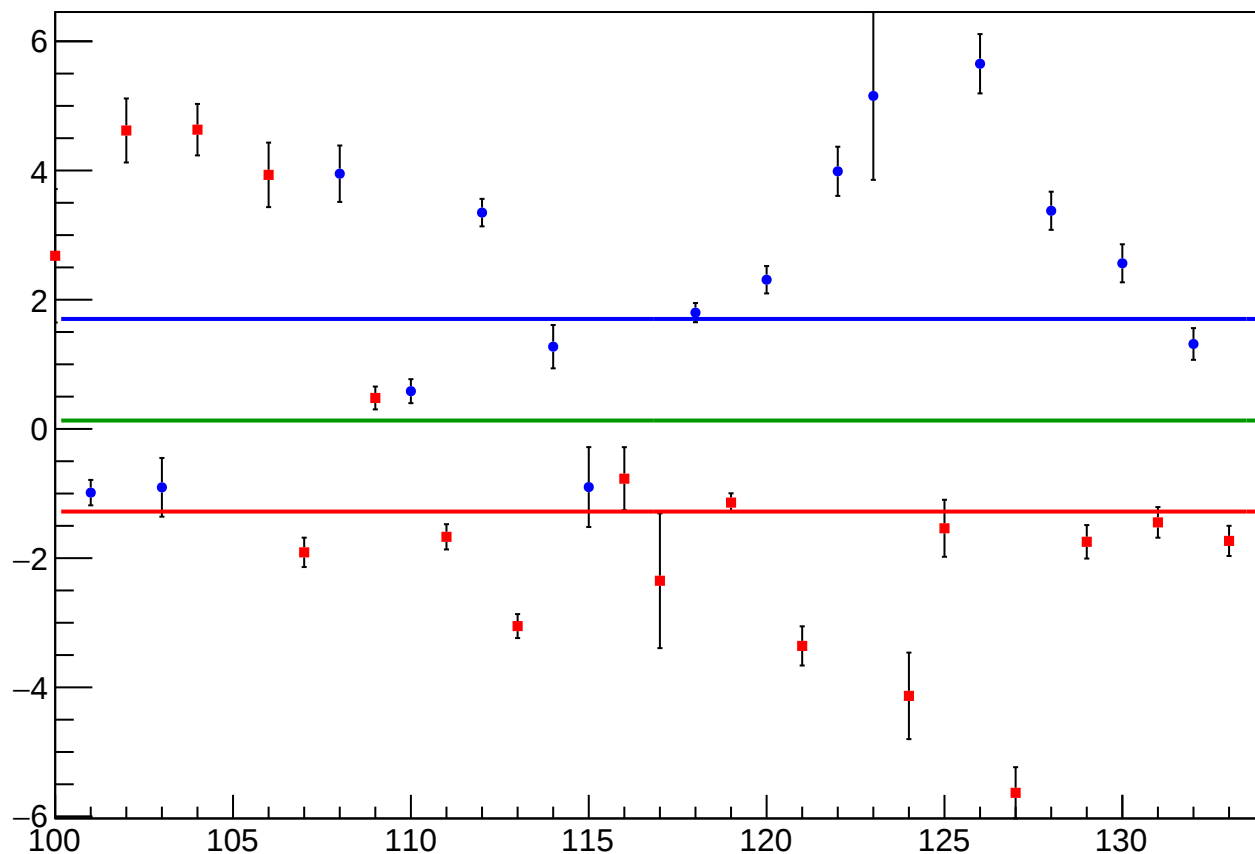
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.226 $\pm$ 0.106 χ^2/NDF : 421.8/15

-0.442 $\pm$ 0.069 χ^2/NDF : 2365.9/33

-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: 1.702 $\pm$ 0.067 χ^2 /NDF: 530.4/15

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

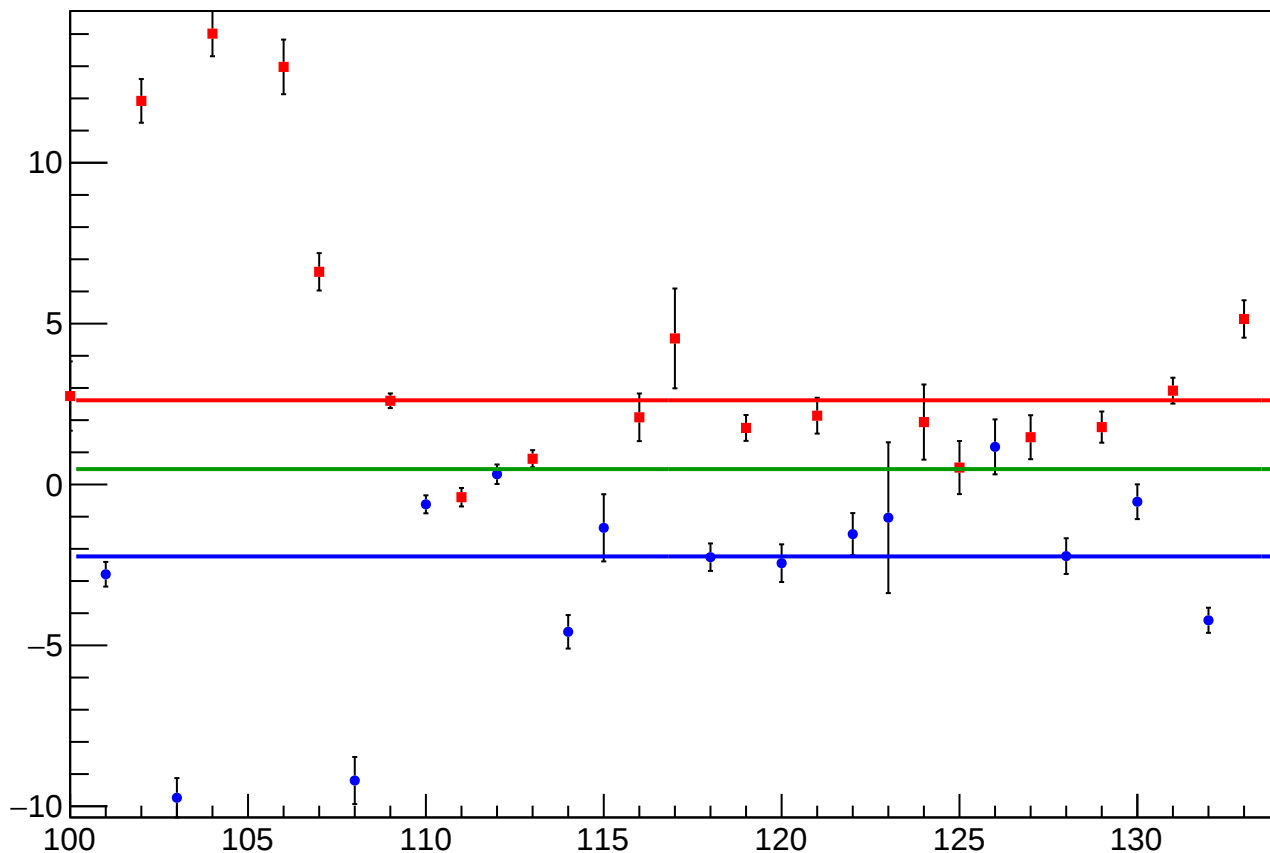
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.702 $\pm$ 0.067 χ^2 /NDF: 530.4/15

0.130 $\pm$ 0.046 χ^2 /NDF: 2470.0/33

-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: -2.235±/0.123 χ^2/NDF : 427.4/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 2.617±/0.109 χ^2/NDF : 842.1/17

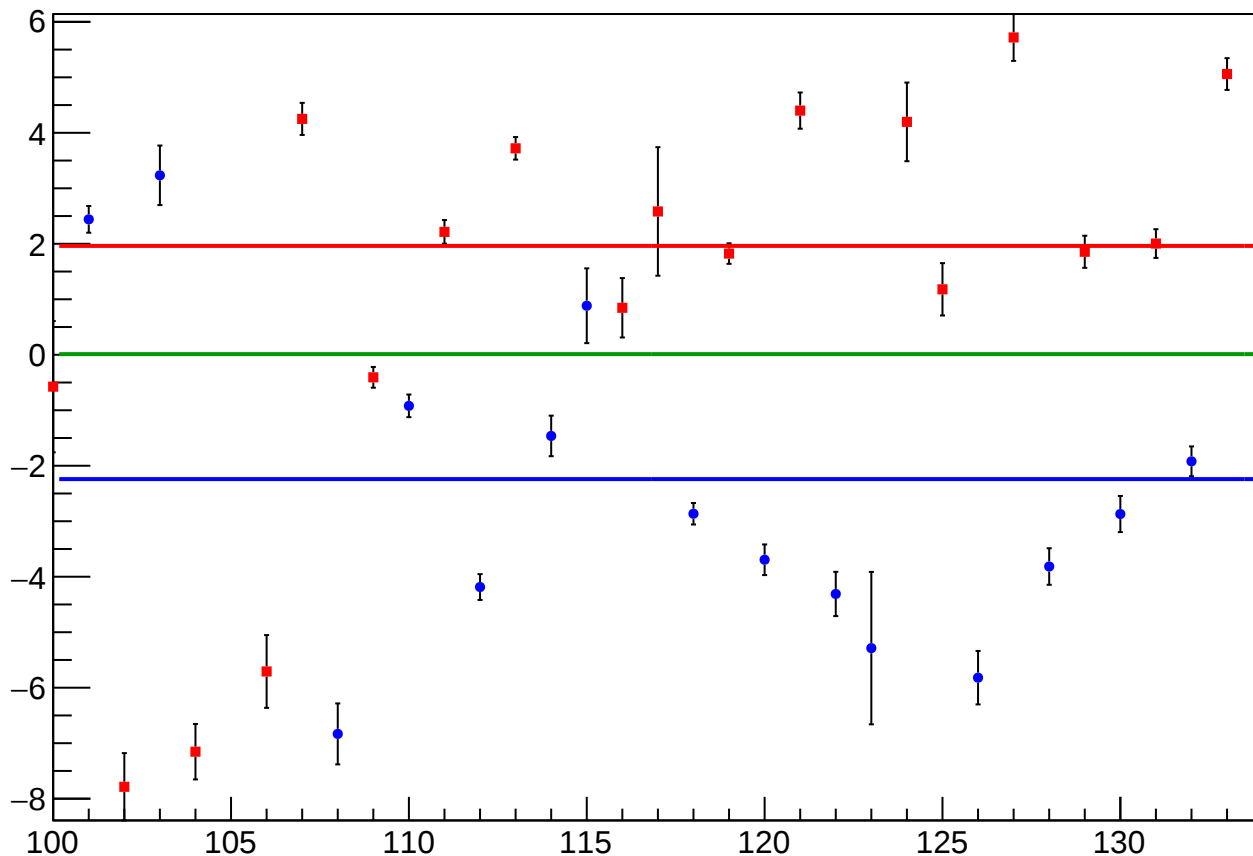
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-2.235±/0.123 χ^2/NDF : 427.4/15

0.478±/0.081 χ^2/NDF : 2143.8/33

2.617±/0.109 χ^2/NDF : 842.1/17

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.241+/-0.078 χ^2 /NDF: 867.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.962+/-0.072 χ^2 /NDF: 1301.4/17

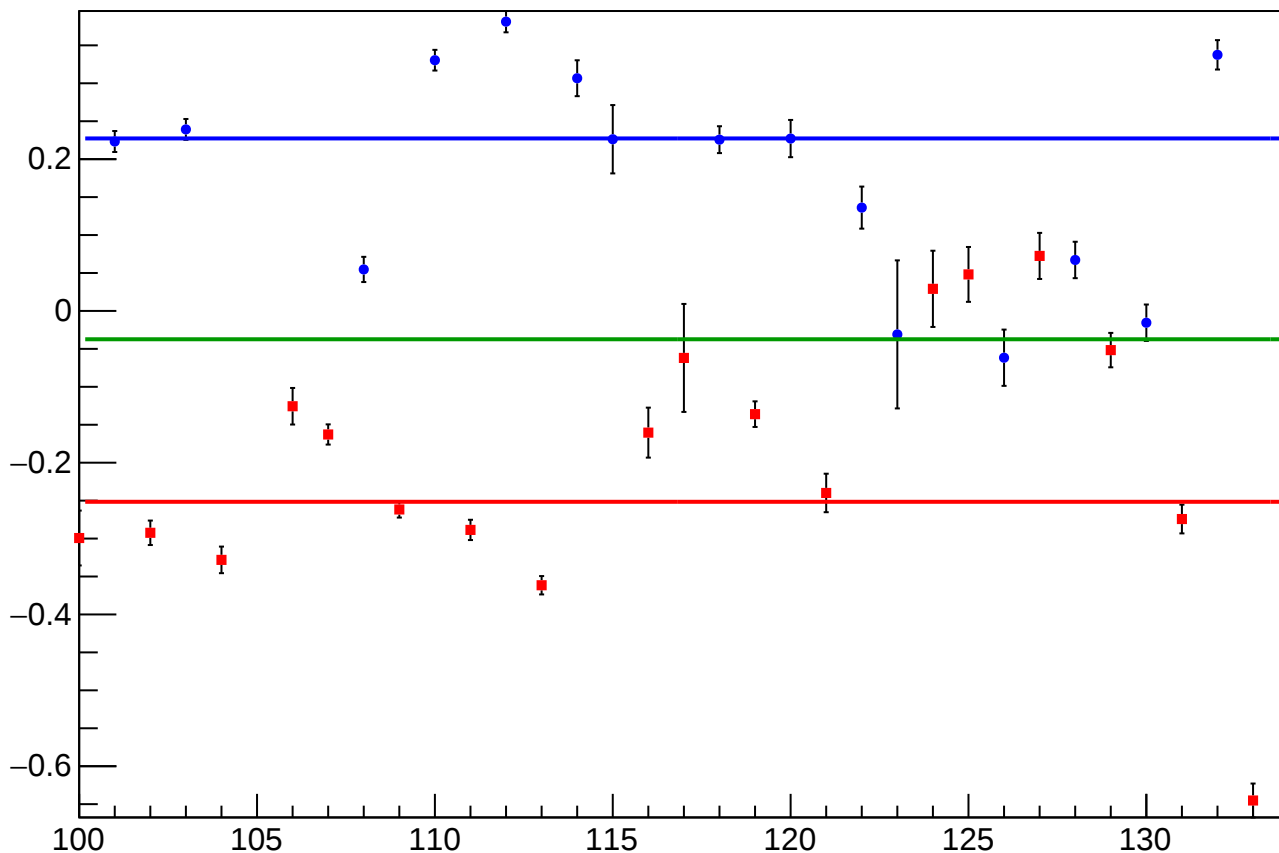
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.241+/-0.078 χ^2 /NDF: 867.9/15

0.011+/-0.053 χ^2 /NDF: 3732.3/33

1.962+/-0.072 χ^2 /NDF: 1301.4/17

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.227 ± 0.005 χ^2/NDF : 564.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.252 ± 0.004 χ^2/NDF : 855.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.227 ± 0.005 χ^2/NDF : 564.5/15

-0.037 ± 0.003 χ^2/NDF : 6709.8/33

-0.252 ± 0.004 χ^2/NDF : 855.1/17