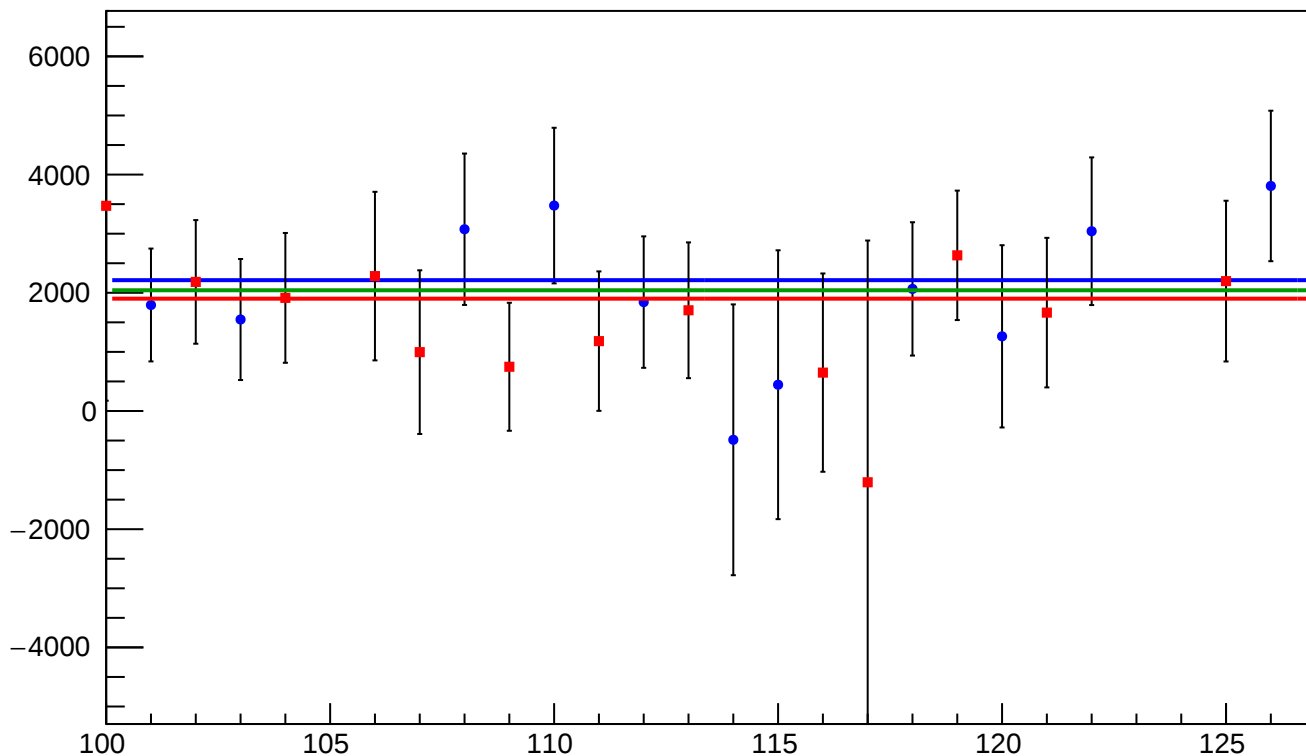


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2213.489+/-380.844 χ^2/NDF : 6.5/10

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

Right Out: 1900.573+/-347.375 χ^2/NDF : 7.3/13

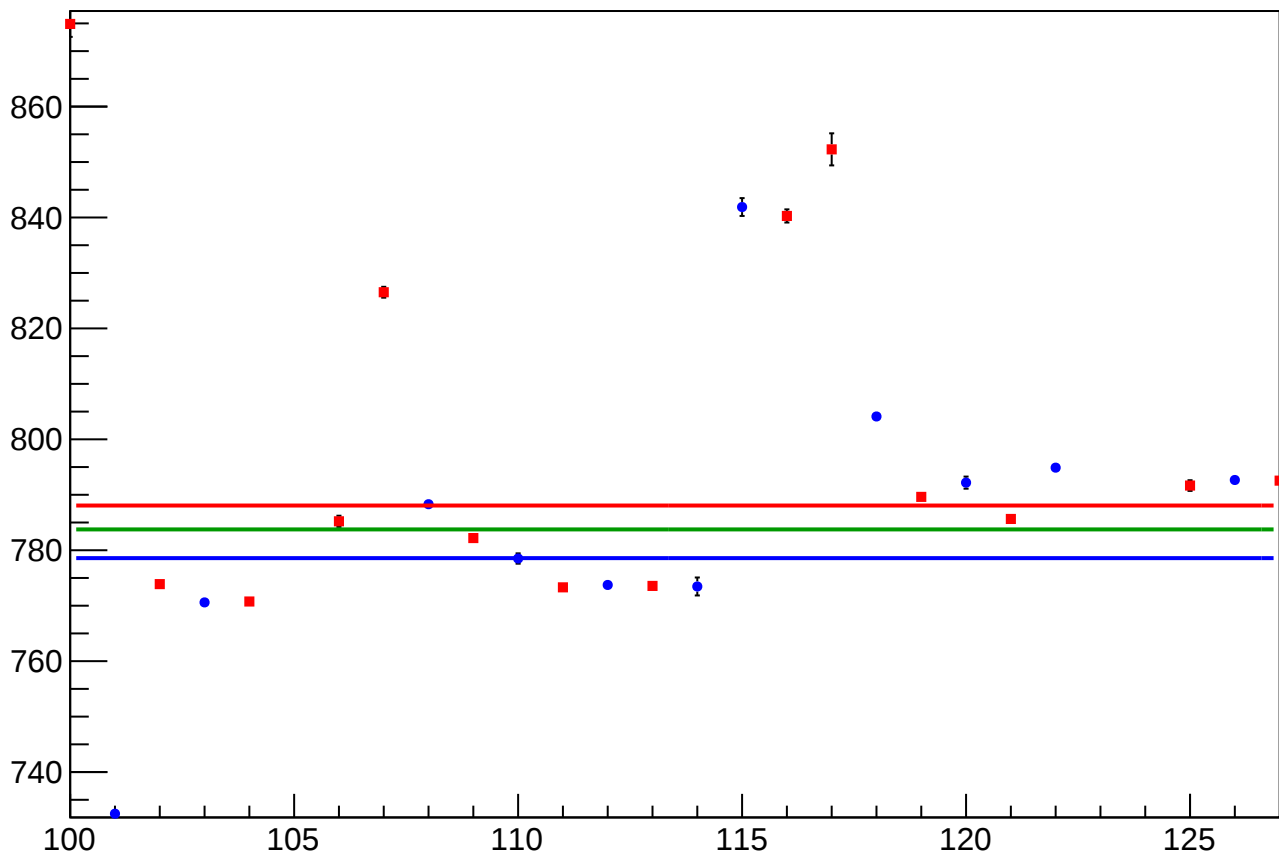
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2213.489+/-380.844 χ^2/NDF : 6.5/10

2042.679+/-256.650 χ^2/NDF : 14.2/24

1900.573+/-347.375 χ^2/NDF : 7.3/13

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 778.578+/-0.269 χ^2/NDF : 8263.5/10

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

Right Out: 788.063+/-0.246 χ^2/NDF : 6976.0/13

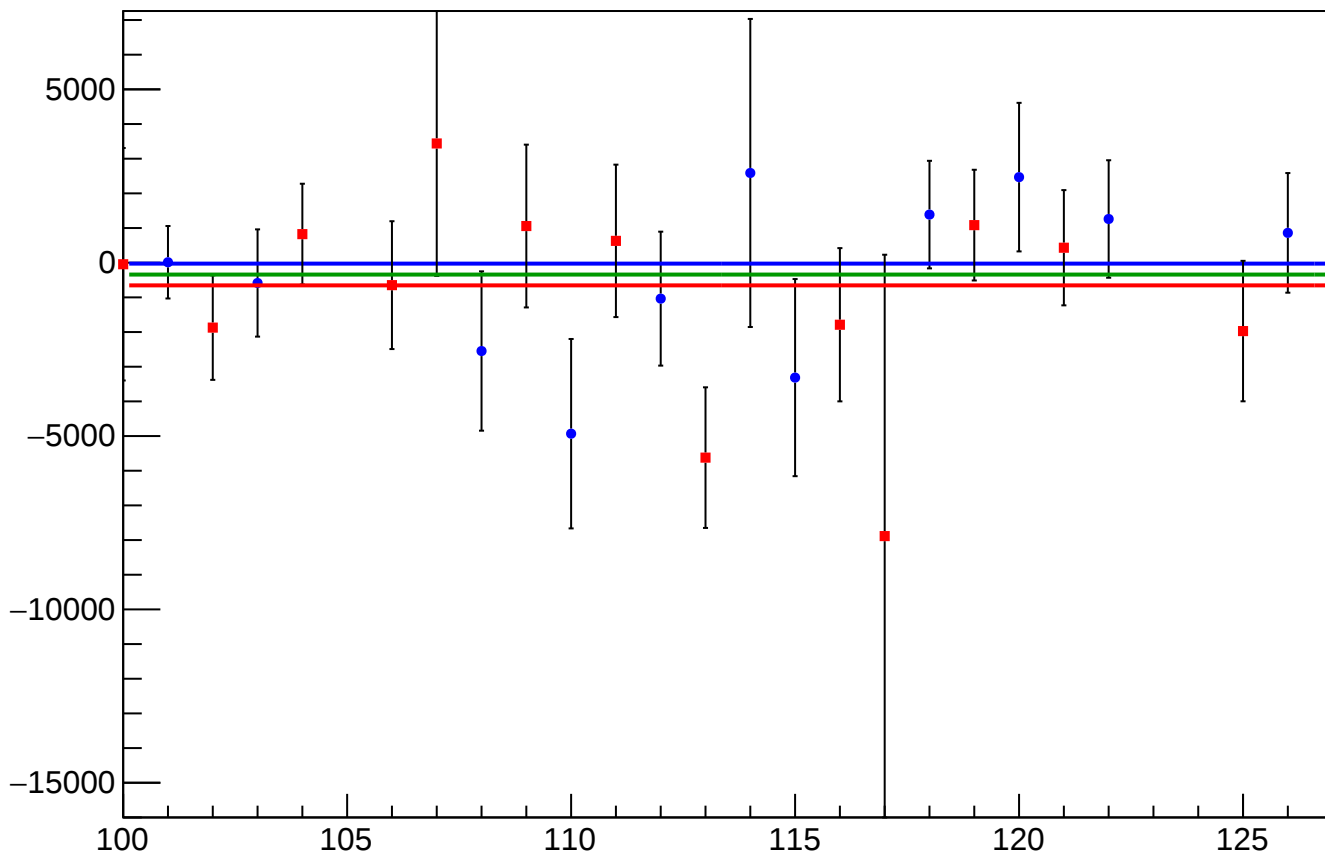
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

778.578+/-0.269 χ^2/NDF : 8263.5/10

783.755+/-0.181 χ^2/NDF : 15916.6/24

788.063+/-0.246 χ^2/NDF : 6976.0/13

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -26.377 ± 540.999 χ^2/NDF : 9.5/10

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

Right Out: -653.849 ± 537.483 χ^2/NDF : 13.2/13

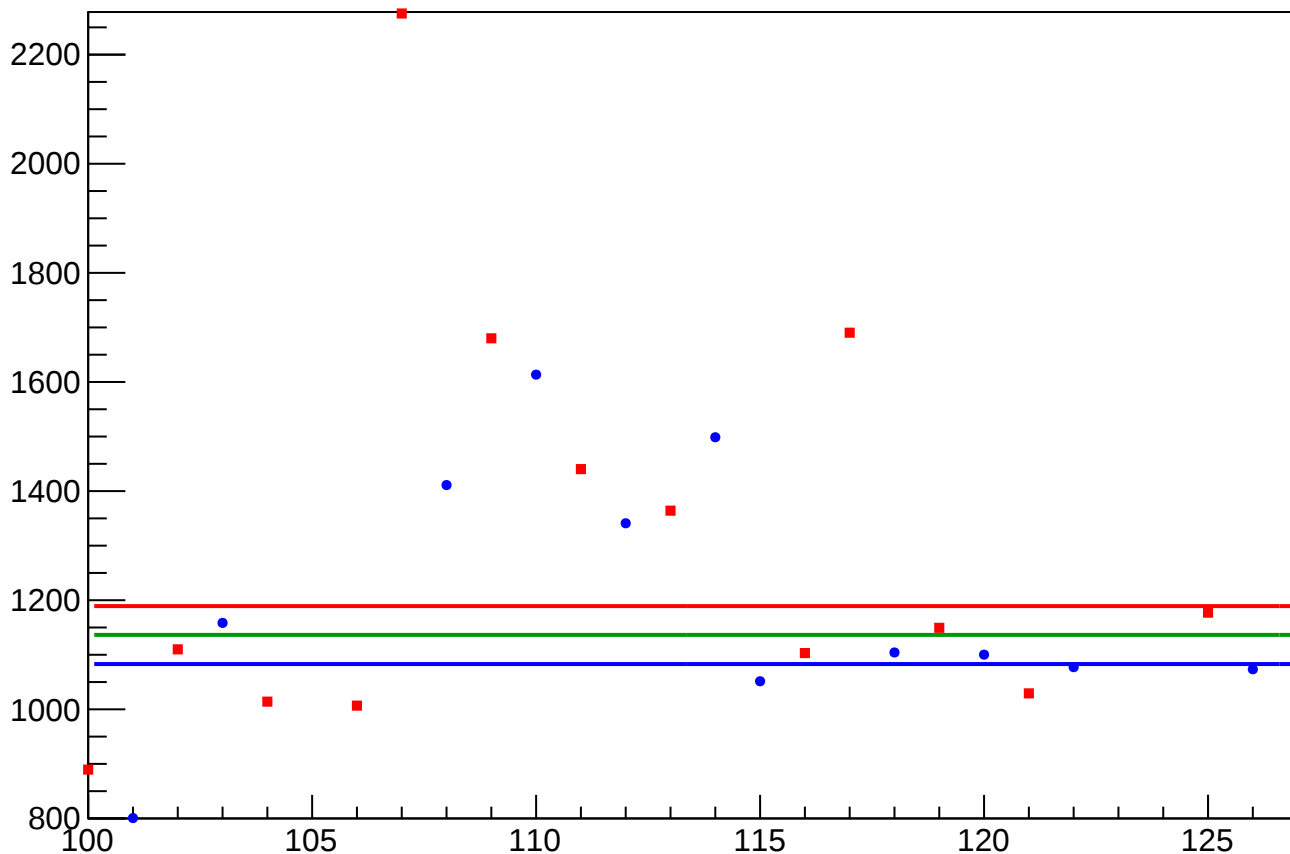
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-26.377 ± 540.999 χ^2/NDF : 9.5/10

-342.158 ± 381.295 χ^2/NDF : 23.4/24

-653.849 ± 537.483 χ^2/NDF : 13.2/13

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1083.000+/-0.383 χ^2/NDF : 320840.1/10

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

Right Out: 1189.189+/-0.380 χ^2/NDF : 396404.8/13

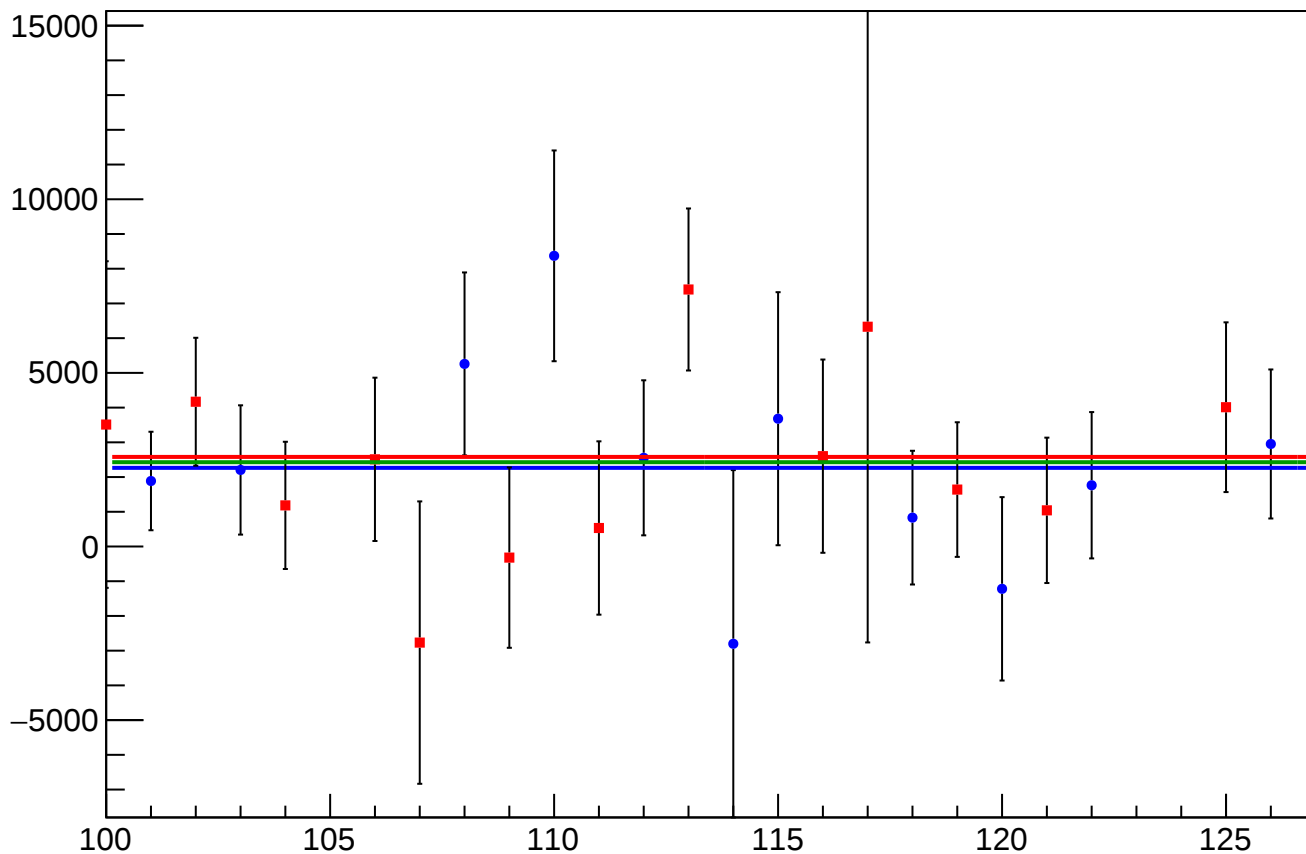
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1083.000+/-0.383 χ^2/NDF : 320840.1/10

1136.441+/-0.270 χ^2/NDF : 756023.0/24

1189.189+/-0.380 χ^2/NDF : 396404.8/13

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2265.206 $\pm$ 672.732 χ^2 /NDF: 9.1/10

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

Right Out: 2580.145 $\pm$ 652.241 χ^2 /NDF: 11.6/13

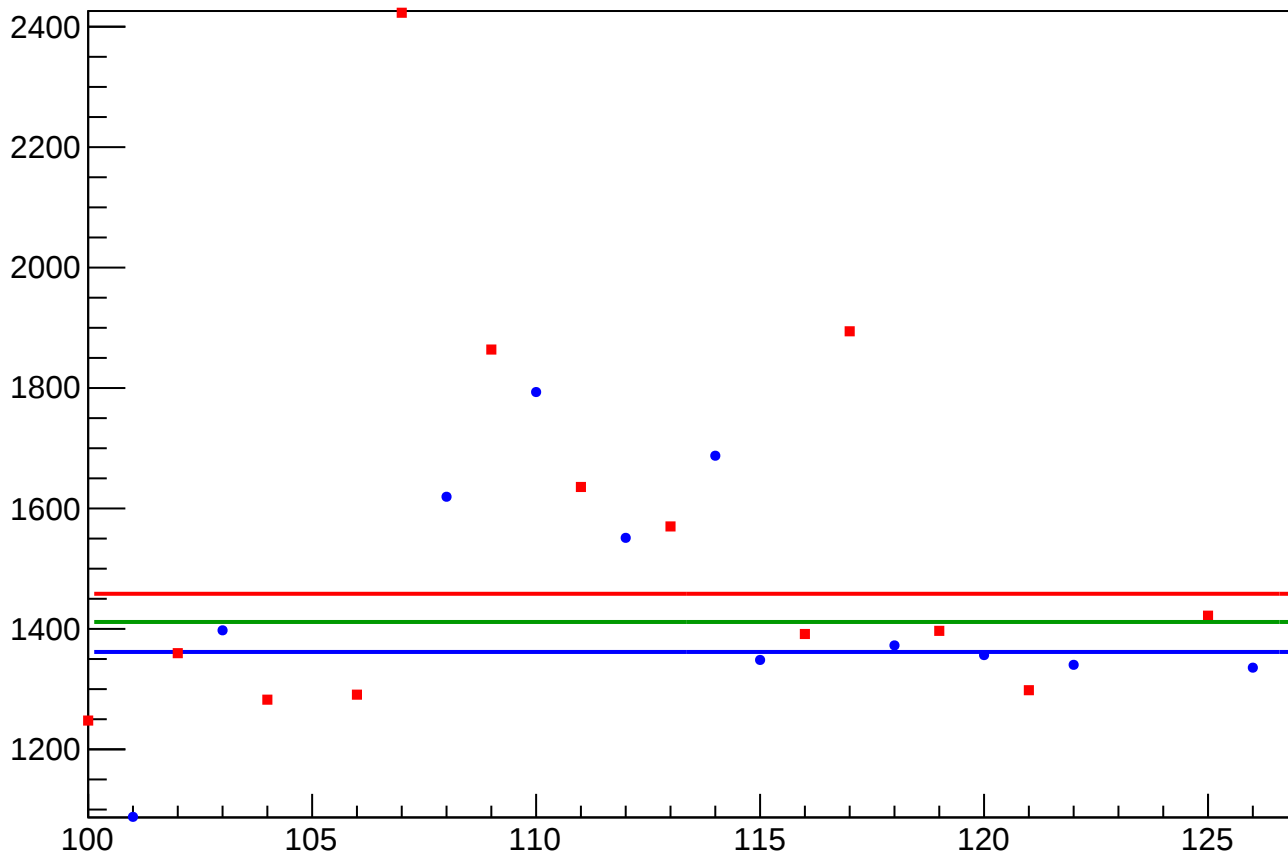
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2265.206 $\pm$ 672.732 χ^2 /NDF: 9.1/10

2427.545 $\pm$ 468.280 χ^2 /NDF: 20.8/24

2580.145 $\pm$ 652.241 χ^2 /NDF: 11.6/13

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1361.712 ± 0.476 χ^2/NDF : 158383.7/10

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

Right Out: 1458.316 ± 0.461 χ^2/NDF : 237246.1/13

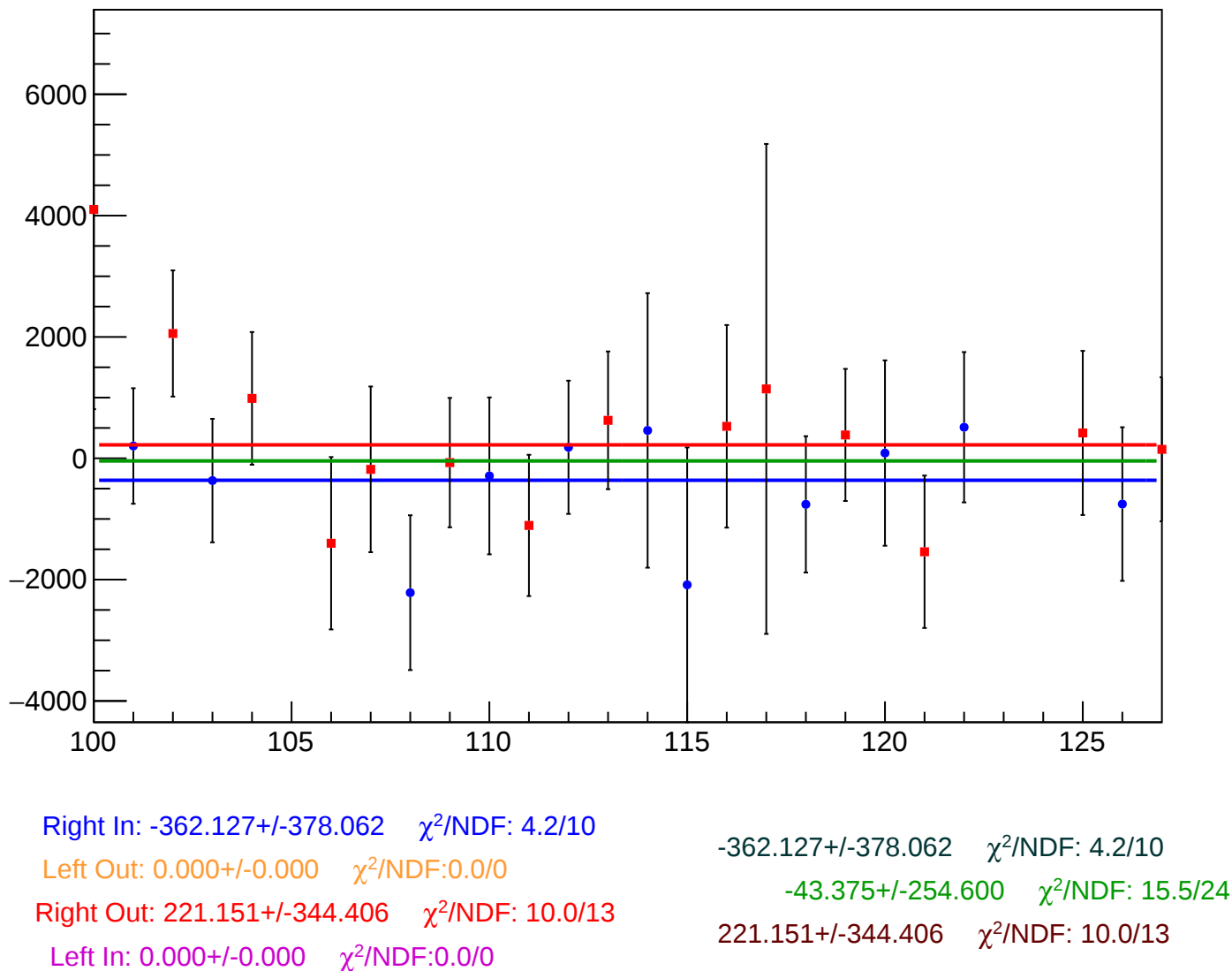
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1361.712 ± 0.476 χ^2/NDF : 158383.7/10

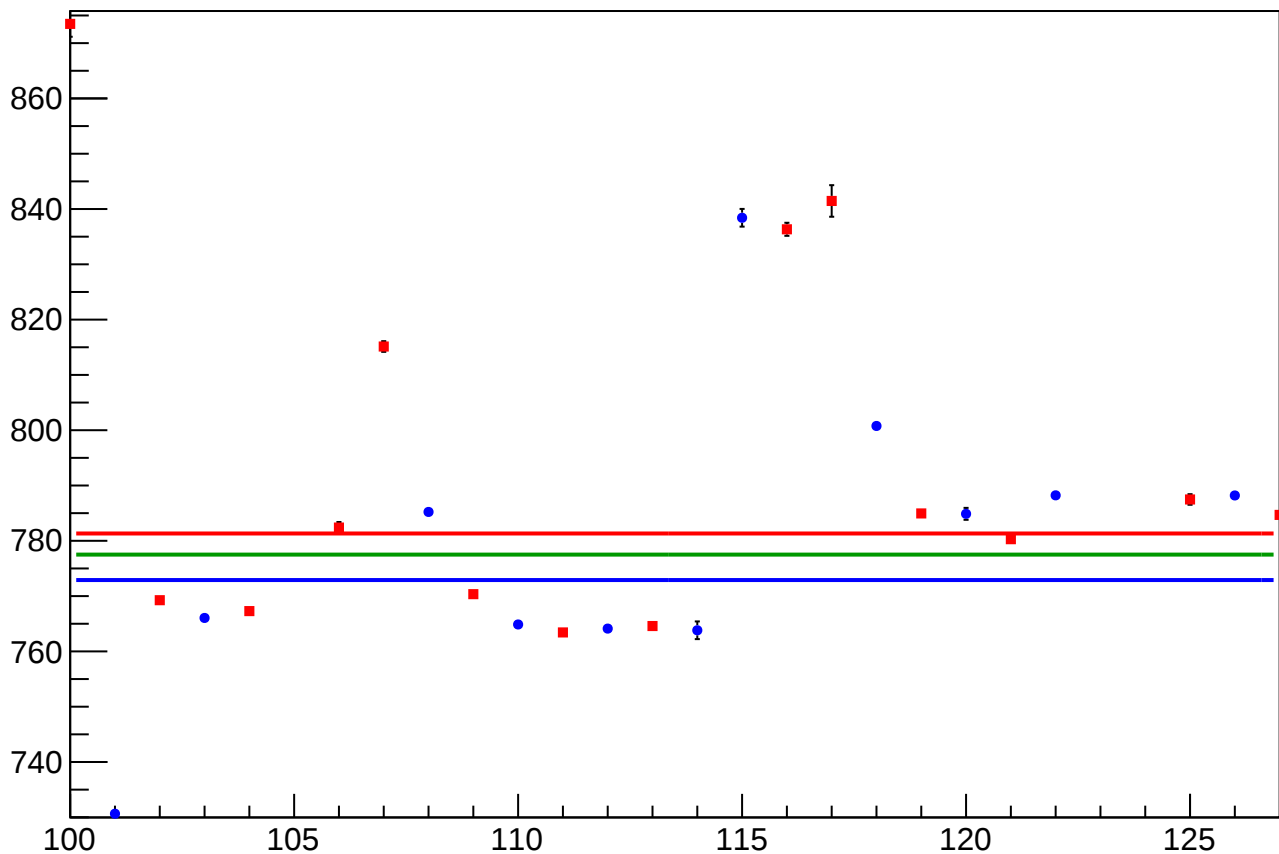
1411.508 ± 0.331 χ^2/NDF : 416888.2/24

1458.316 ± 0.461 χ^2/NDF : 237246.1/13

reg_asym_us_dd_mean vs Slug, Sign Corrected



reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 772.903 $\pm$ 0.267 χ^2 /NDF: 8078.7/10

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

Right Out: 781.324 $\pm$ 0.244 χ^2 /NDF: 7207.3/13

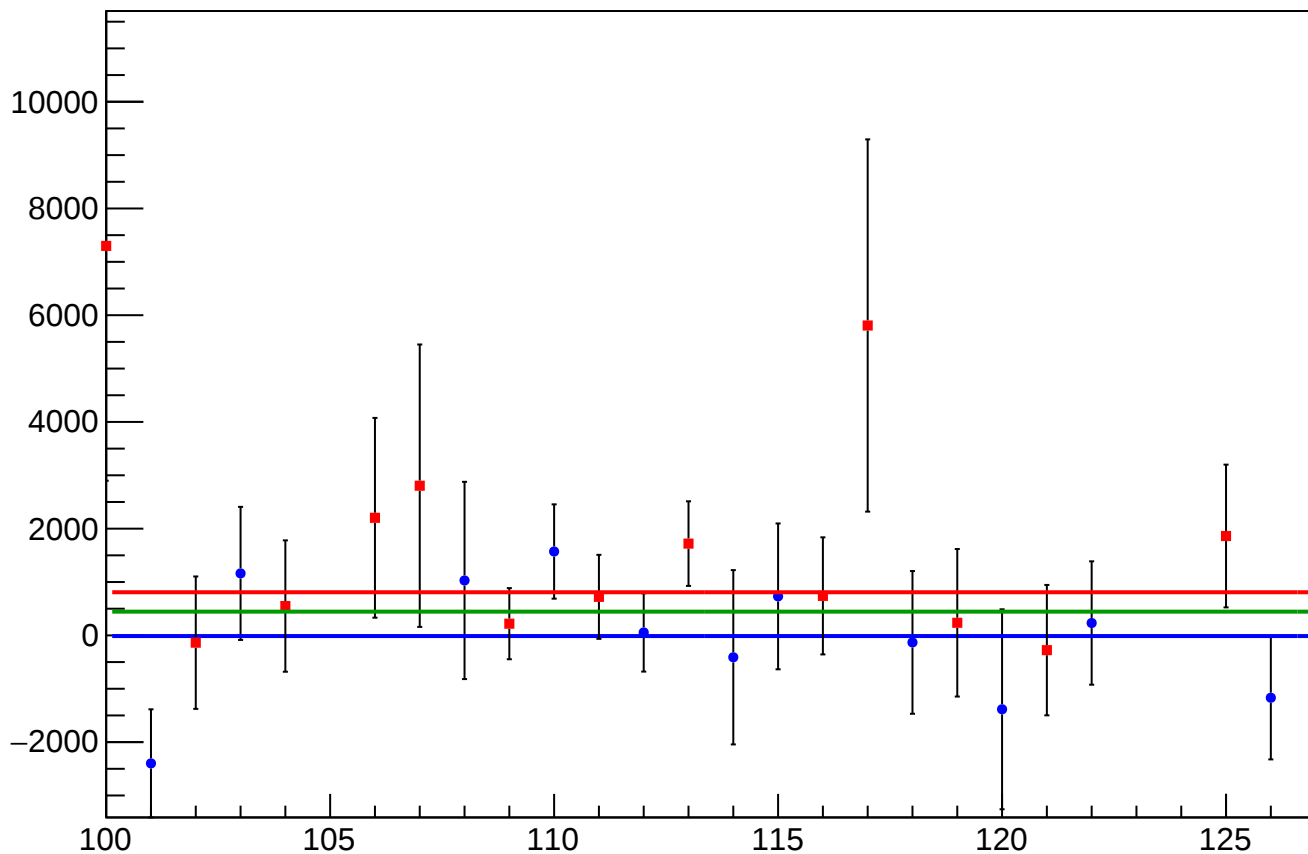
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

772.903 $\pm$ 0.267 χ^2 /NDF: 8078.7/10

777.505 $\pm$ 0.180 χ^2 /NDF: 15828.2/24

781.324 $\pm$ 0.244 χ^2 /NDF: 7207.3/13

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -12.497+/-347.084 χ^2/NDF : 11.9/10

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

Right Out: 808.354+/-309.469 χ^2/NDF : 9.7/13

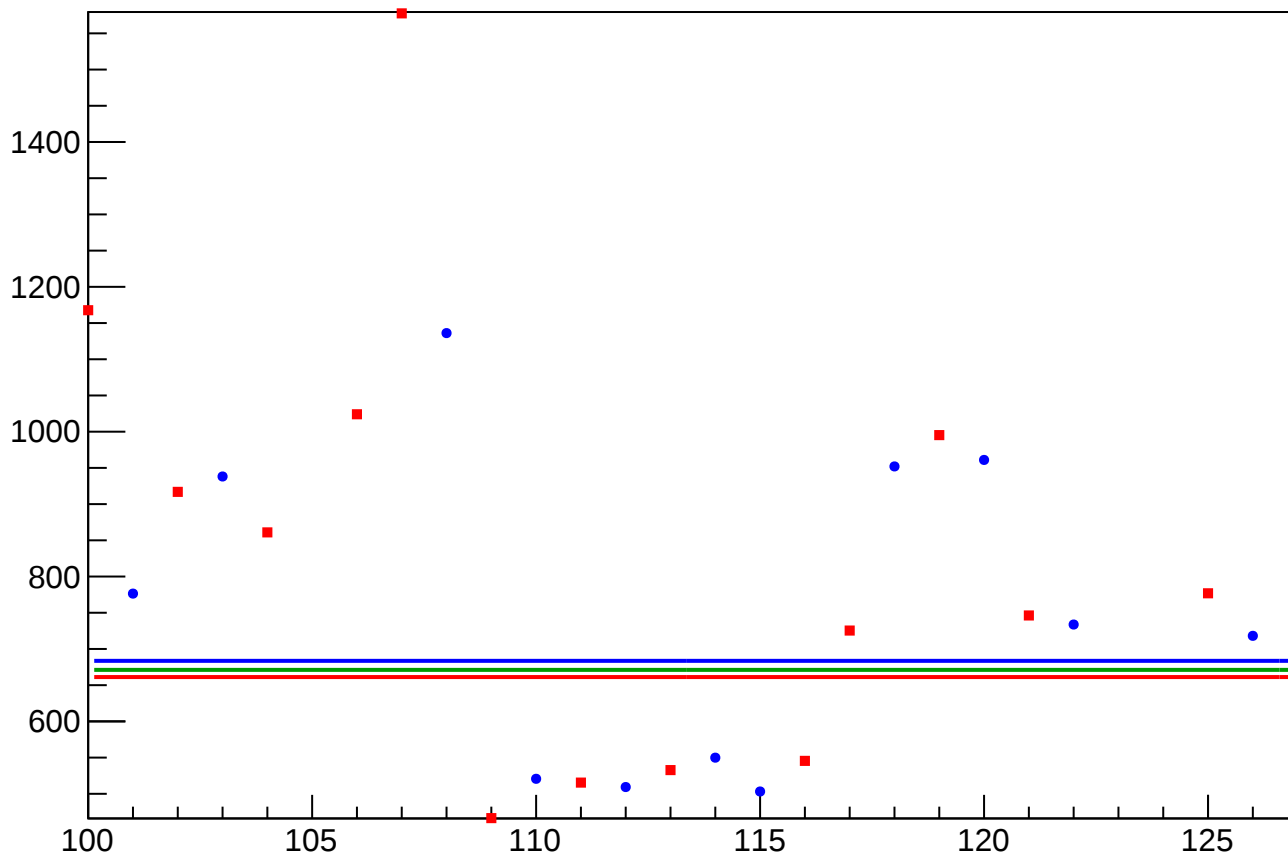
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.497+/-347.084 χ^2/NDF : 11.9/10

444.803+/-230.986 χ^2/NDF : 24.7/24

808.354+/-309.469 χ^2/NDF : 9.7/13

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 683.595+/-0.245 χ^2/NDF : 579103.3/10

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

Right Out: 661.200+/-0.219 χ^2/NDF : 984499.7/13

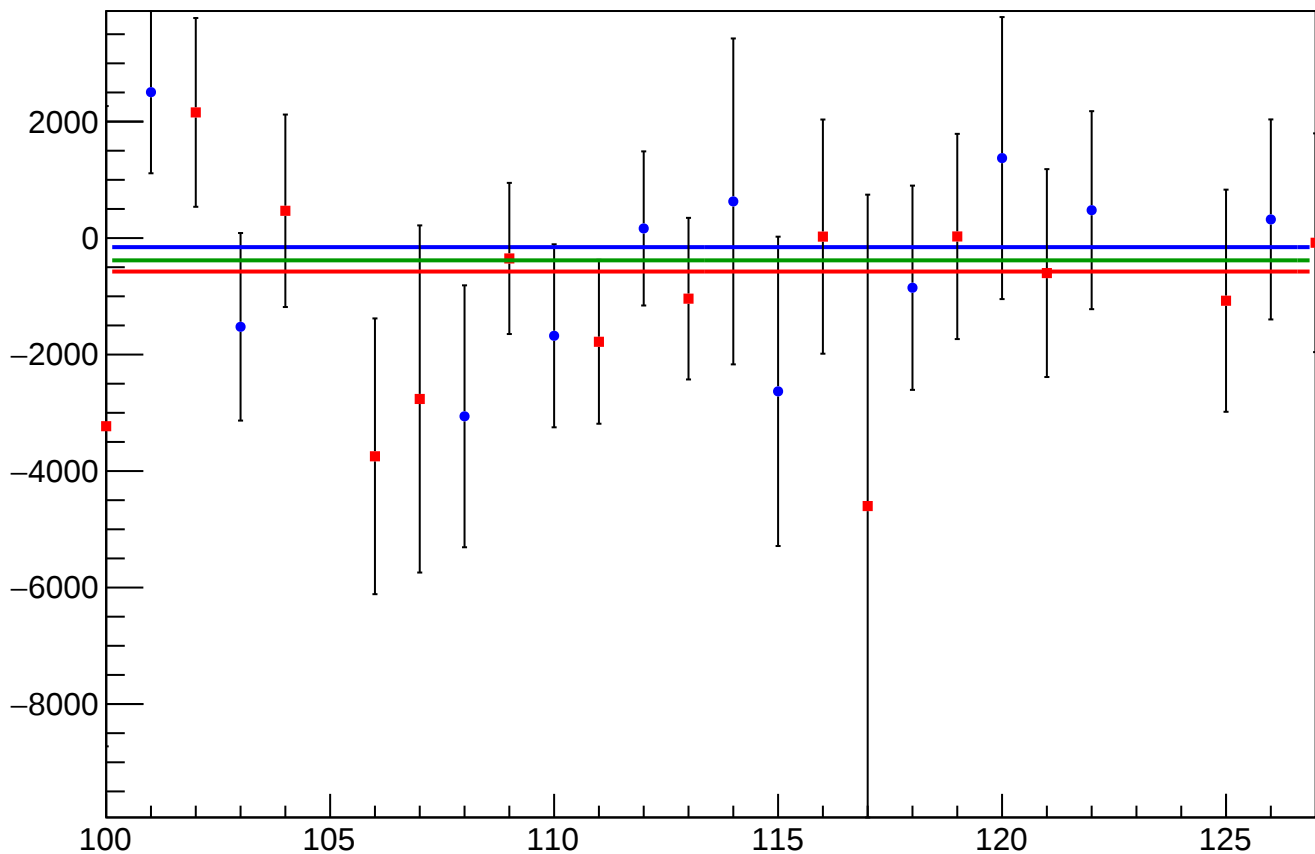
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

683.595+/-0.245 χ^2/NDF : 579103.3/10

671.118+/-0.163 χ^2/NDF : 1568241.6/24

661.200+/-0.219 χ^2/NDF : 984499.7/13

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -155.411+/-532.547 χ^2/NDF : 8.8/10

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

Right Out: -574.438+/-489.866 χ^2/NDF : 7.6/13

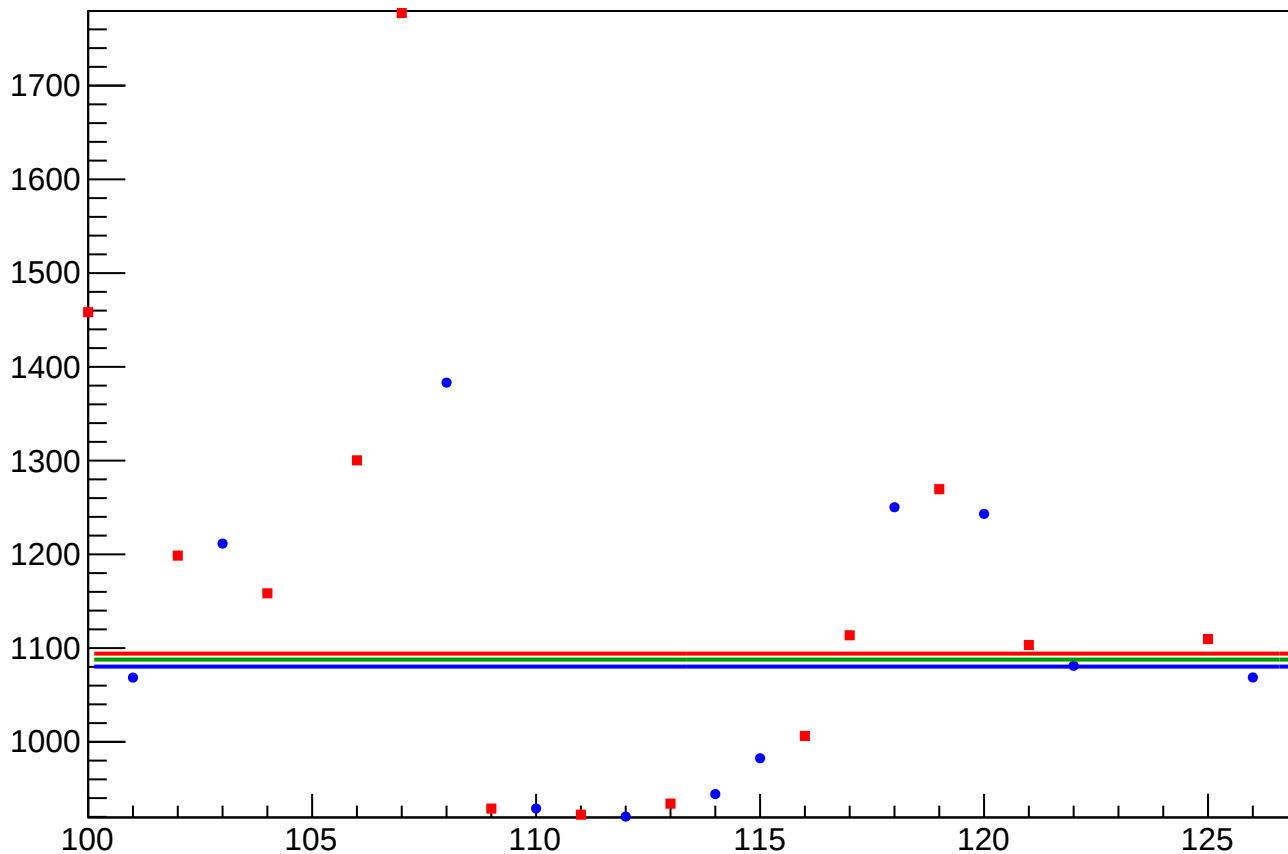
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-155.411+/-532.547 χ^2/NDF : 8.8/10

-382.386+/-360.534 χ^2/NDF : 16.7/24

-574.438+/-489.866 χ^2/NDF : 7.6/13

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1080.277+/-0.377 χ^2/NDF : 132908.1/10

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

Right Out: 1094.127+/-0.346 χ^2/NDF : 262483.8/13

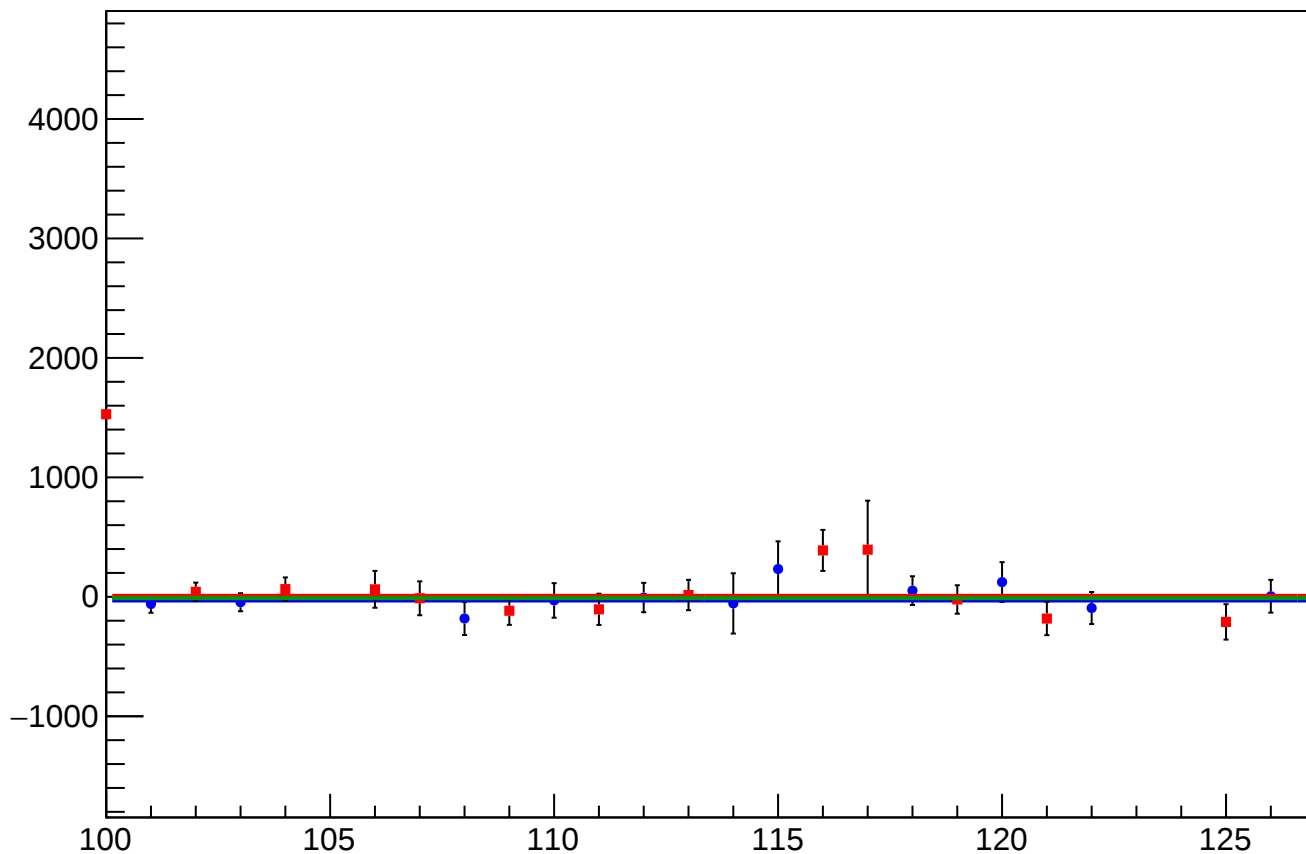
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1080.277+/-0.377 χ^2/NDF : 132908.1/10

1087.779+/-0.255 χ^2/NDF : 396124.6/24

1094.127+/-0.346 χ^2/NDF : 262483.8/13

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -30.906+/-35.901 χ^2 /NDF: 4.3/10

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

Right Out: 8.227+/-34.816 χ^2 /NDF: 14.0/13

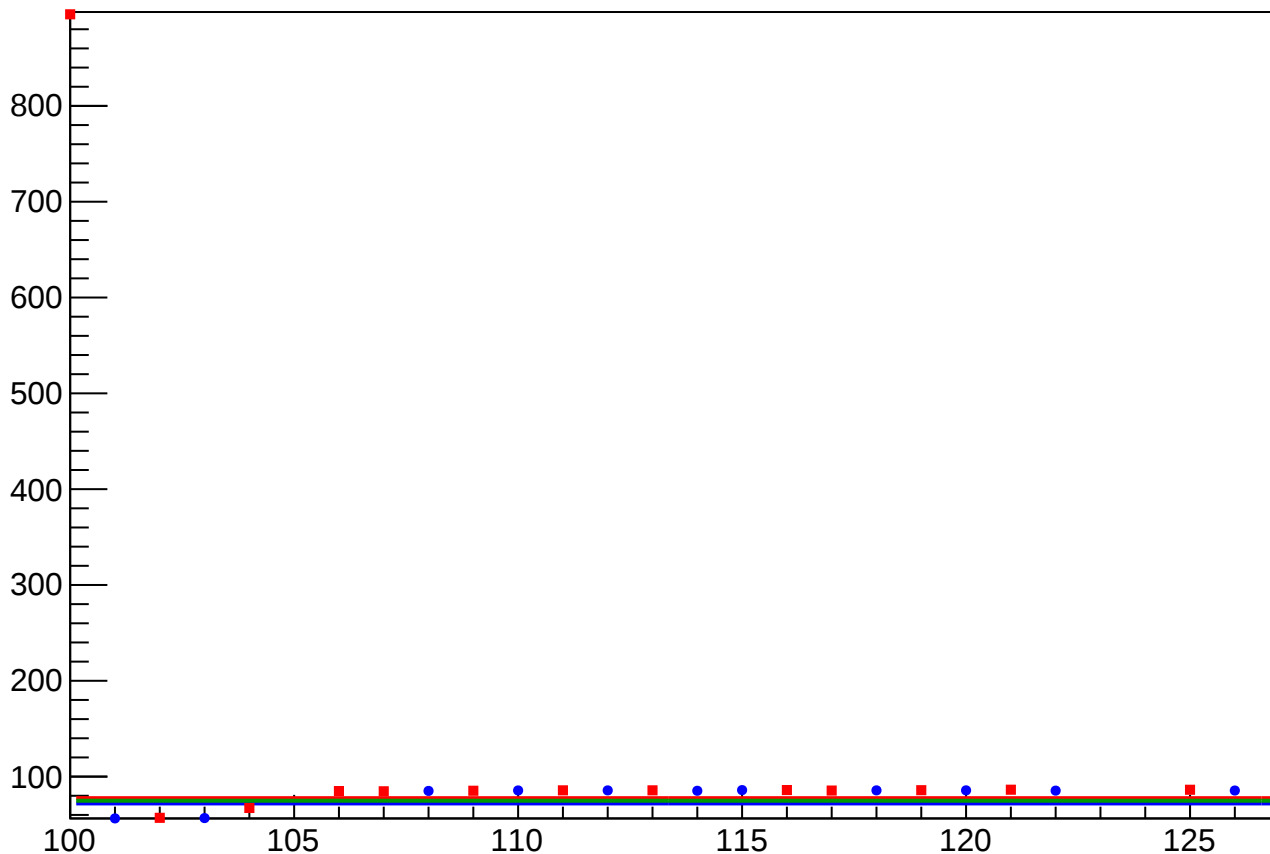
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-30.906+/-35.901 χ^2 /NDF: 4.3/10

-10.739+/-24.993 χ^2 /NDF: 18.9/24

8.227+/-34.816 χ^2 /NDF: 14.0/13

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 72.005 $\pm$ 0.025 χ^2 /NDF: 323793.3/10

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

Right Out: 77.496 $\pm$ 0.025 χ^2 /NDF: 353269.8/13

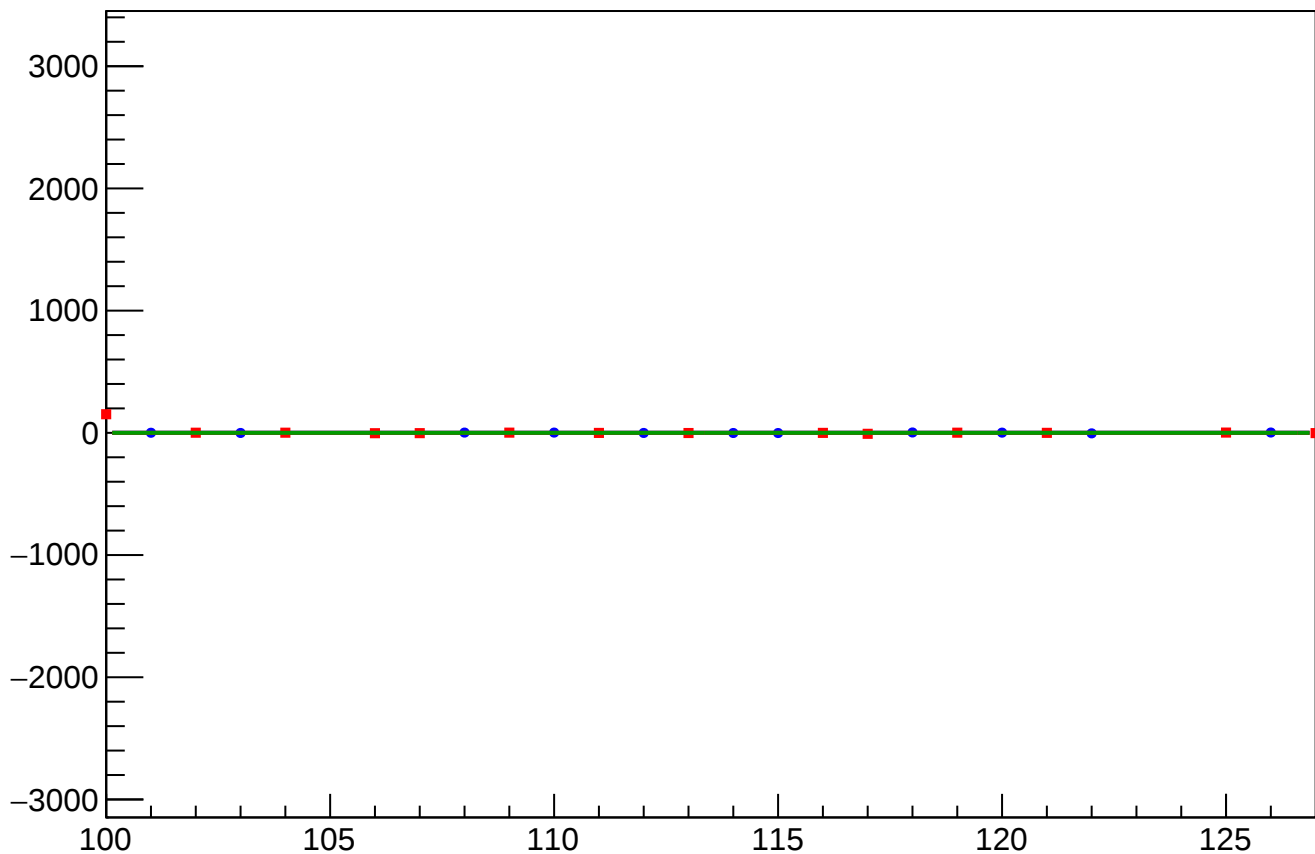
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.005 $\pm$ 0.025 χ^2 /NDF: 323793.3/10

74.835 $\pm$ 0.018 χ^2 /NDF: 701174.5/24

77.496 $\pm$ 0.025 χ^2 /NDF: 353269.8/13

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.488 $\pm$ 0.590 χ^2 /NDF: 9.4/10

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

Right Out: 0.072 $\pm$ 0.608 χ^2 /NDF: 7.5/13

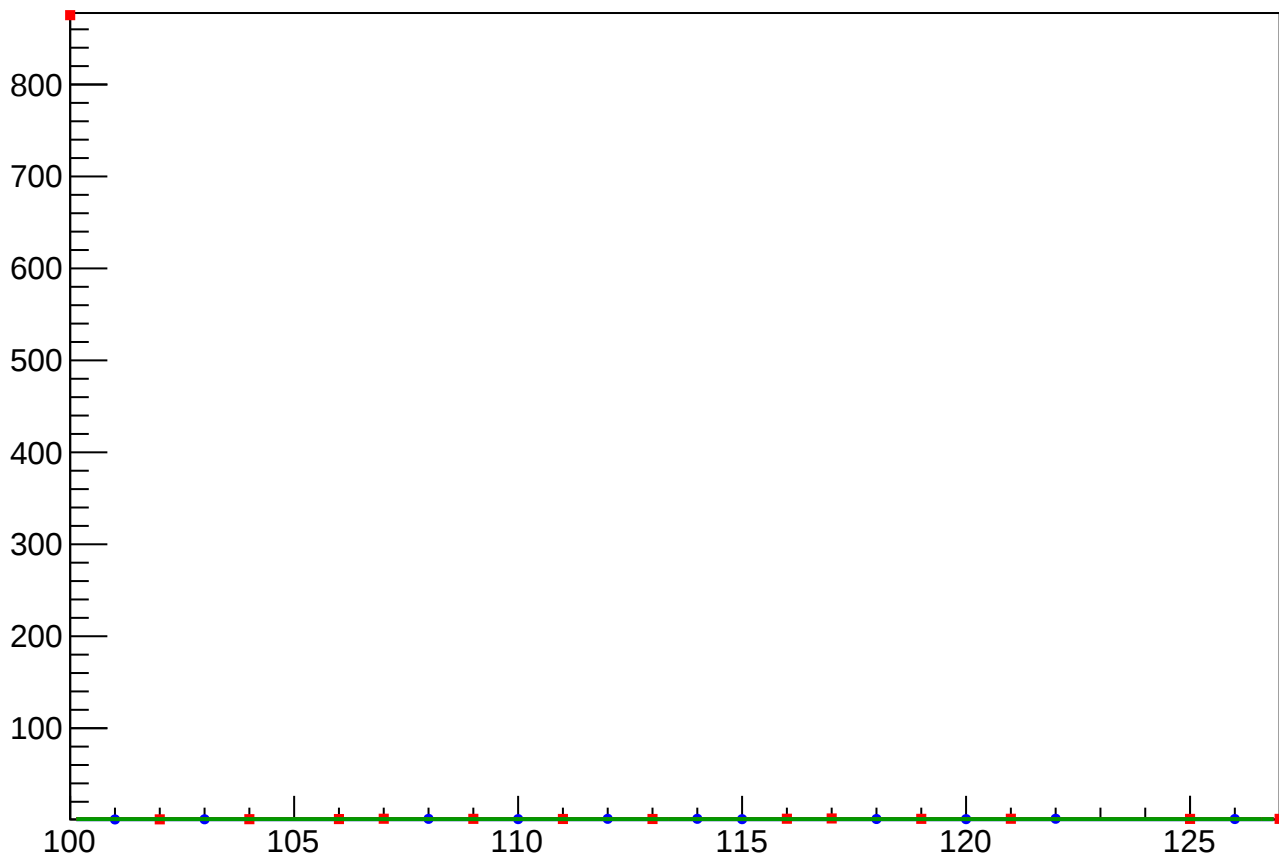
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.488 $\pm$ 0.590 χ^2 /NDF: 9.4/10

0.286 $\pm$ 0.423 χ^2 /NDF: 17.1/24

0.072 $\pm$ 0.608 χ^2 /NDF: 7.5/13

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.081+/-0.000 χ^2/NDF : 360928.3/10

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

Right Out: 1.249+/-0.000 χ^2/NDF : 433276.8/13

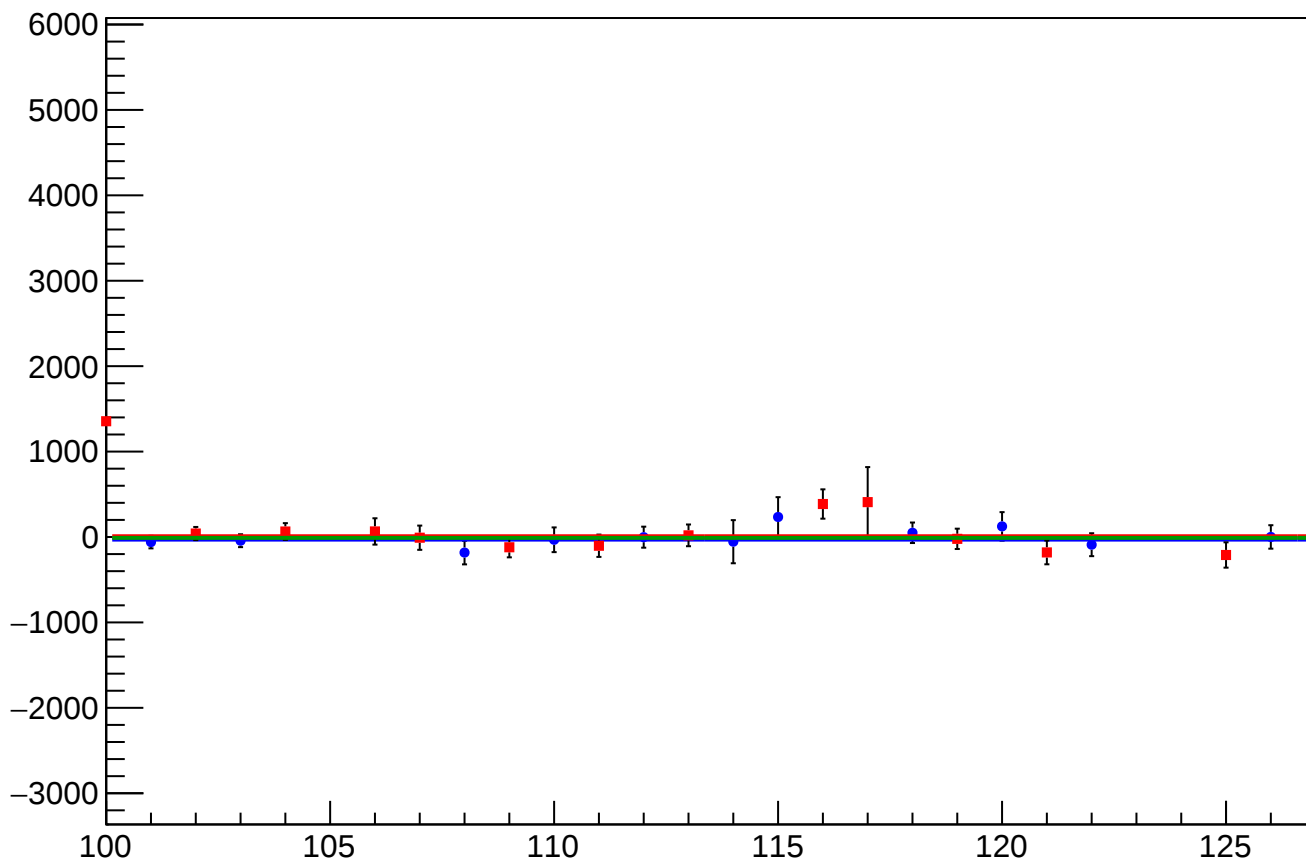
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.081+/-0.000 χ^2/NDF : 360928.3/10

1.162+/-0.000 χ^2/NDF : 872754.6/24

1.249+/-0.000 χ^2/NDF : 433276.8/13

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -30.332 ± 35.910 χ^2/NDF : 4.3/10

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

Right Out: 8.708 ± 34.826 χ^2/NDF : 13.9/13

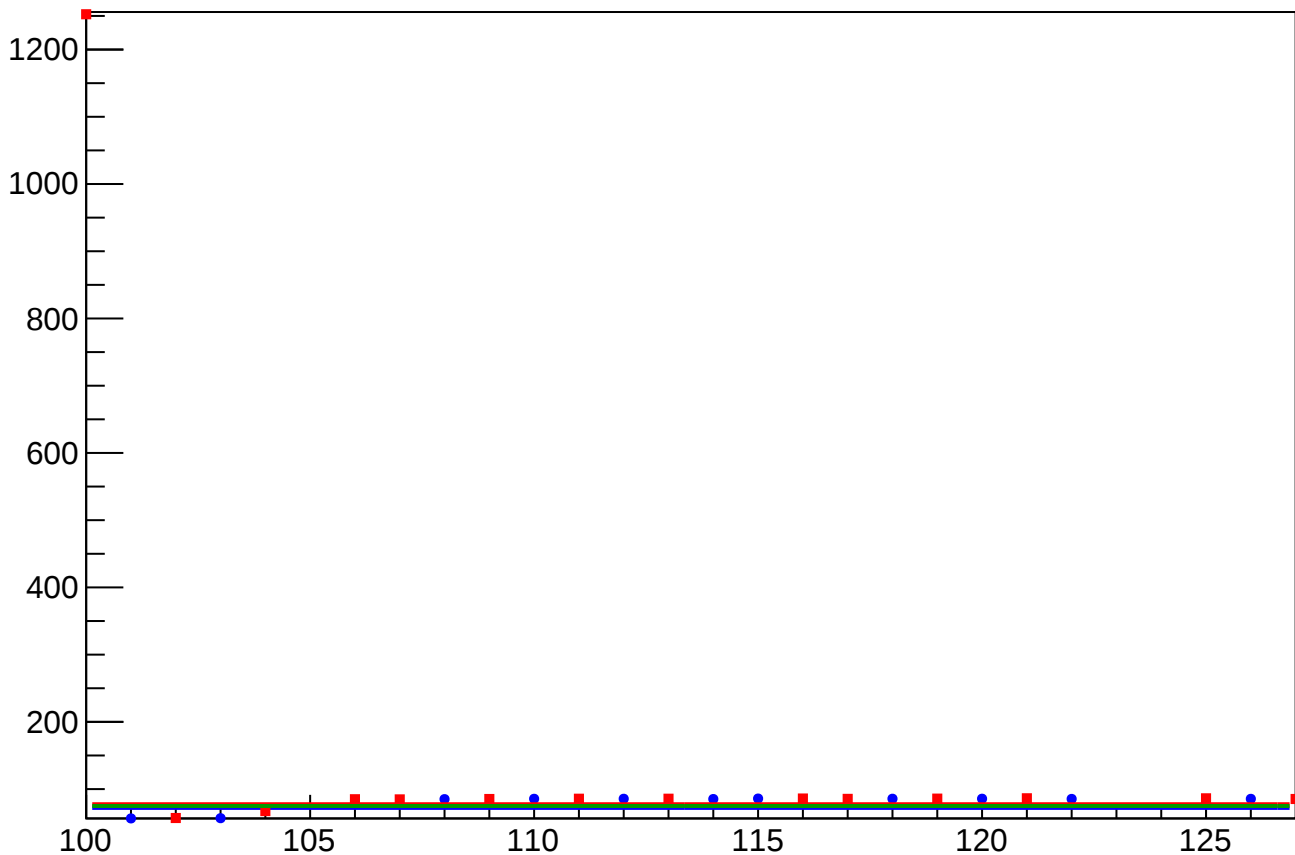
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-30.332 ± 35.910 χ^2/NDF : 4.3/10

-10.214 ± 25.000 χ^2/NDF : 18.8/24

8.708 ± 34.826 χ^2/NDF : 13.9/13

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 72.023+/-0.025 χ^2 /NDF: 323783.7/10

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

Right Out: 77.494+/-0.025 χ^2 /NDF: 359655.1/13

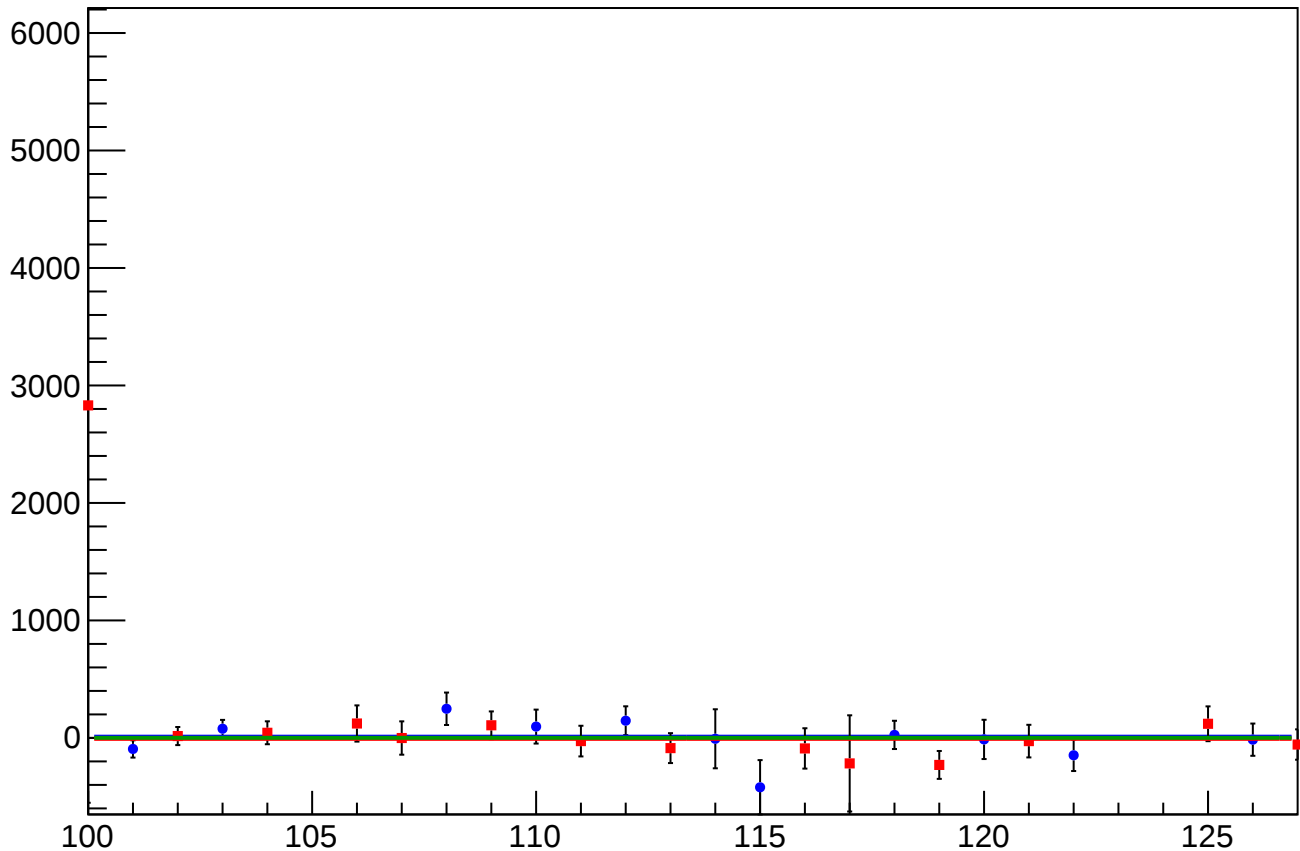
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

72.023+/-0.025 χ^2 /NDF: 323783.7/10

74.842+/-0.018 χ^2 /NDF: 707359.2/24

77.494+/-0.025 χ^2 /NDF: 359655.1/13

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 10.438+/-35.878 χ^2/NDF : 12.3/10

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

Right Out: -7.941+/-34.799 χ^2/NDF : 8.1/13

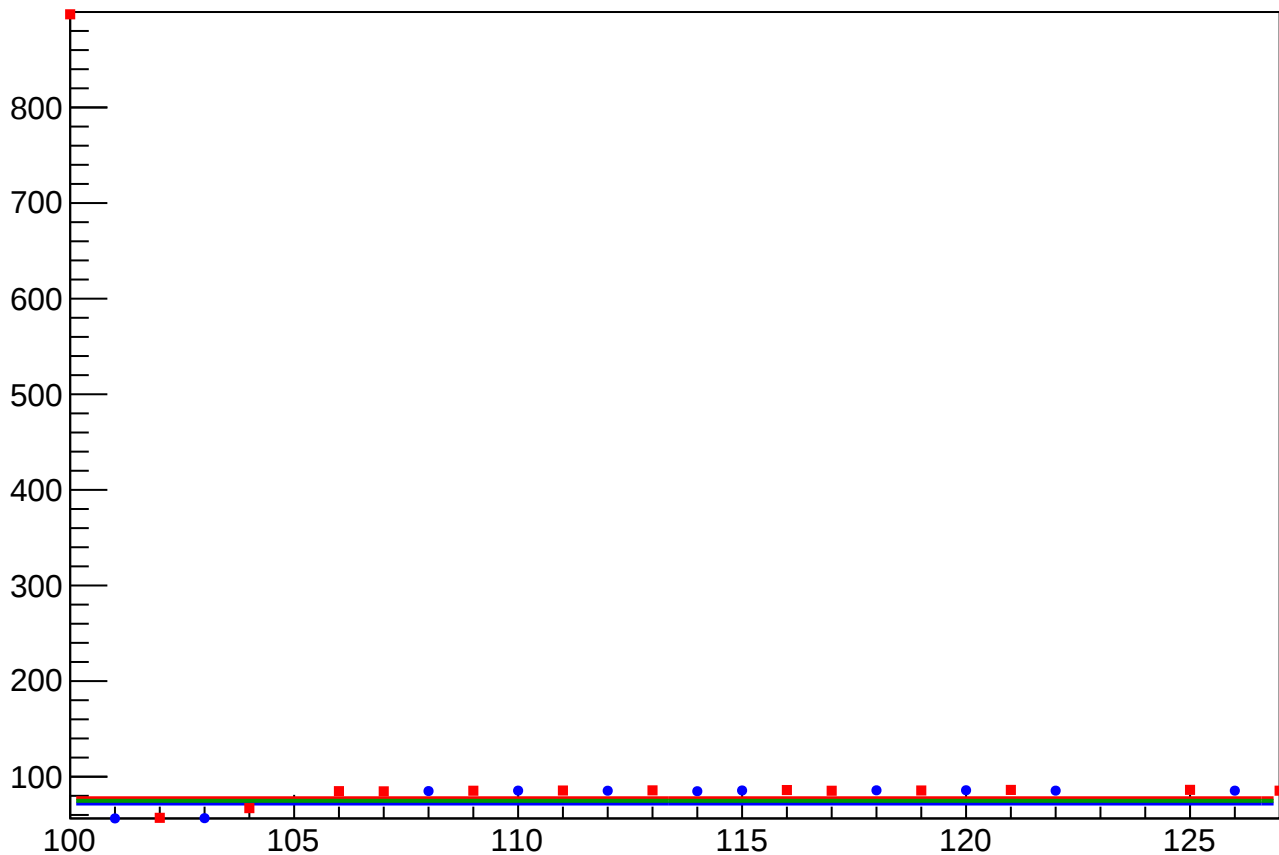
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.438+/-35.878 χ^2/NDF : 12.3/10

0.968+/-24.980 χ^2/NDF : 20.5/24

-7.941+/-34.799 χ^2/NDF : 8.1/13

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 71.960 $\pm$ 0.025 χ^2 /NDF: 323586.1/10

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

Right Out: 77.458 $\pm$ 0.025 χ^2 /NDF: 353392.7/13

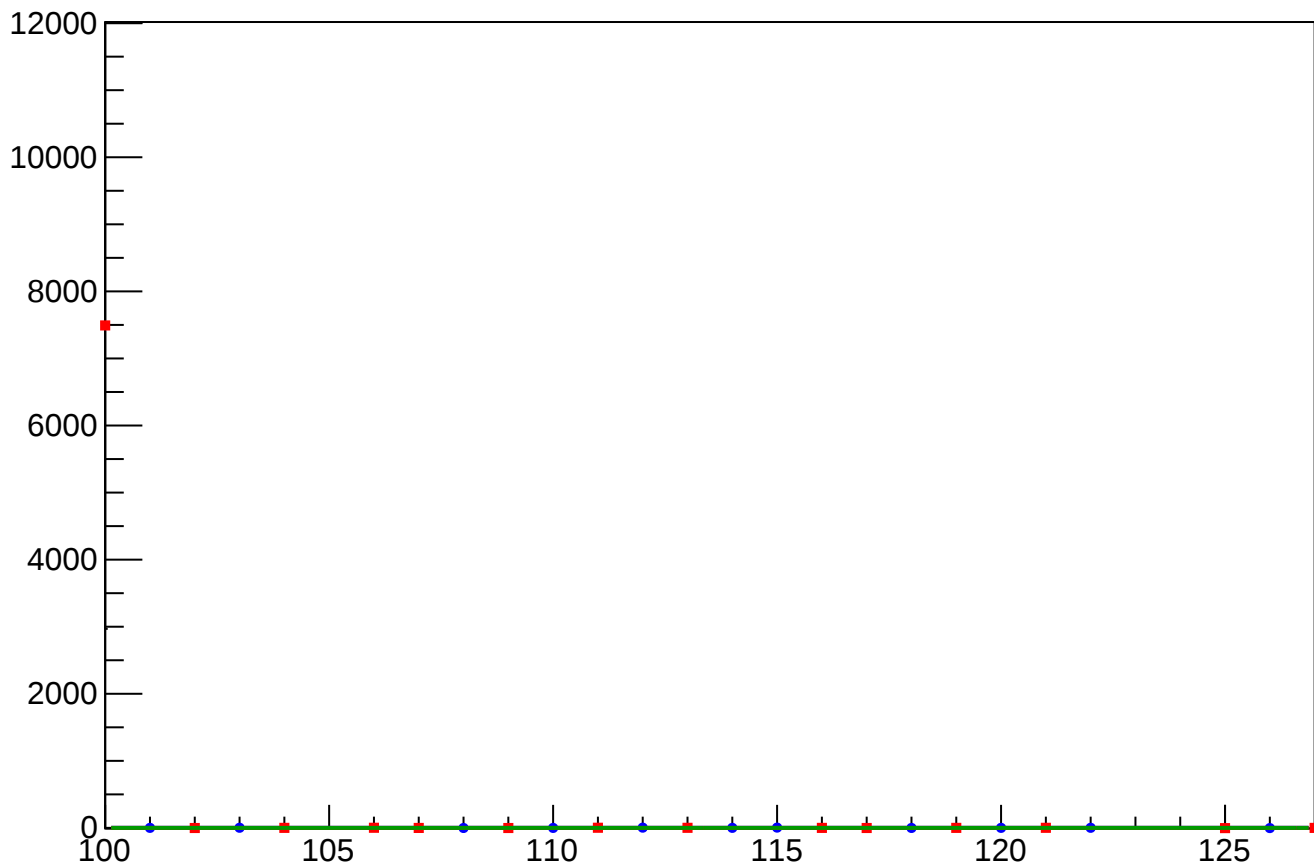
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

71.960 $\pm$ 0.025 χ^2 /NDF: 323586.1/10

74.793 $\pm$ 0.018 χ^2 /NDF: 701172.2/24

77.458 $\pm$ 0.025 χ^2 /NDF: 353392.7/13

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.070 $\pm$ 0.628 χ^2 /NDF: 7.8/10

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

Right Out: 0.078 $\pm$ 0.613 χ^2 /NDF: 9.4/13

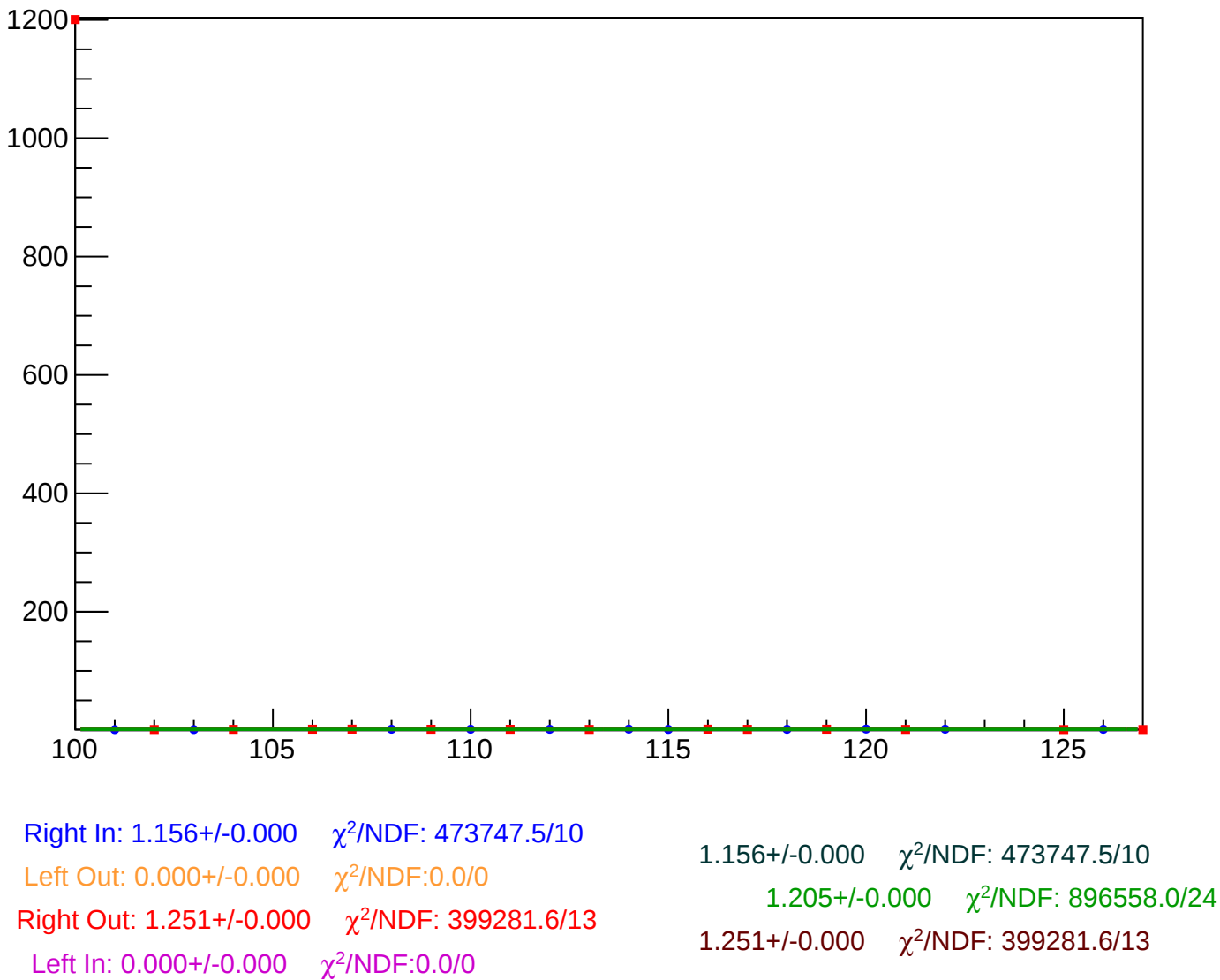
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.070 $\pm$ 0.628 χ^2 /NDF: 7.8/10

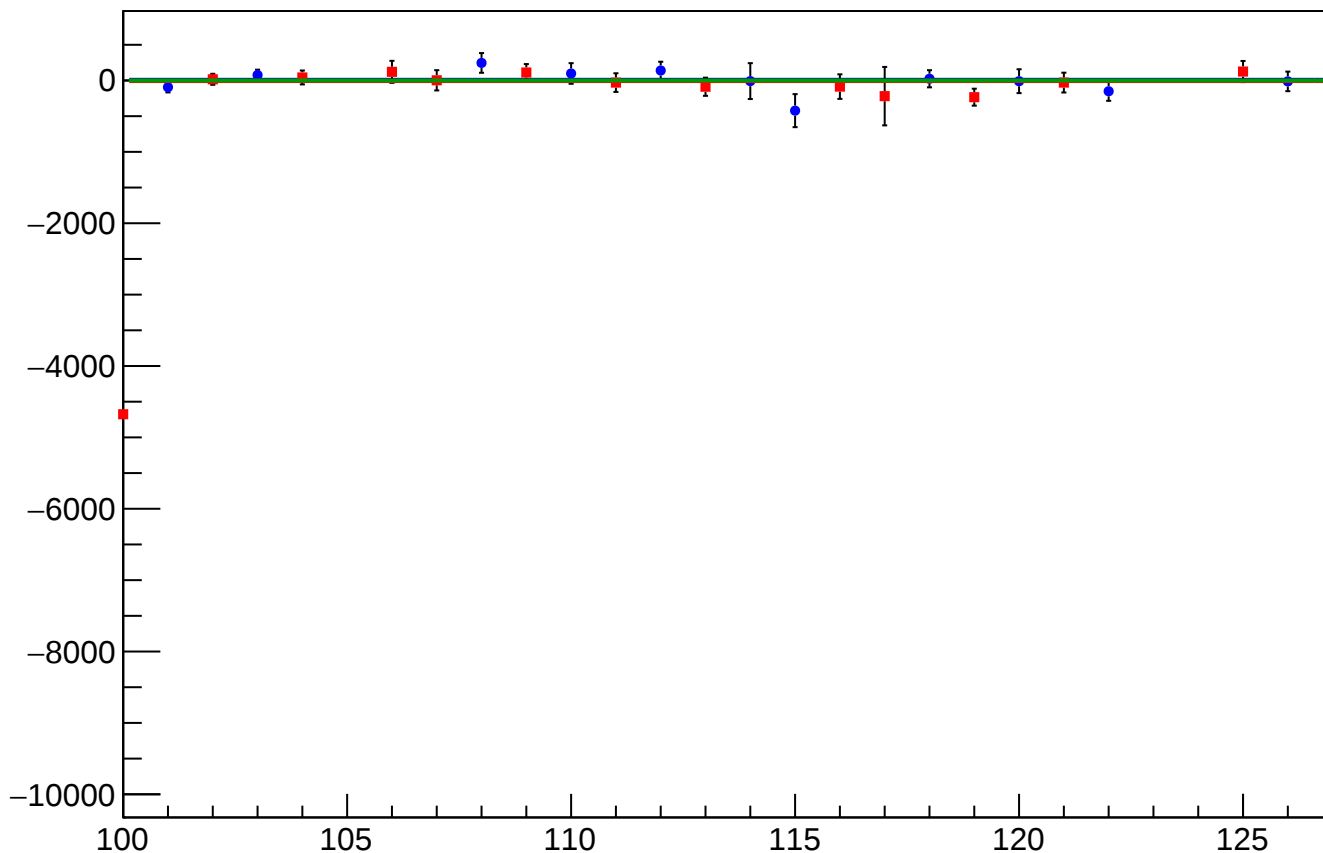
0.562 $\pm$ 0.439 χ^2 /NDF: 18.5/24

0.078 $\pm$ 0.613 χ^2 /NDF: 9.4/13

asym_ds_dd_correction_rms vs Slug, Sign Corrected



asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 9.352+/-35.888 χ^2 /NDF: 12.2/10

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

Right Out: -8.284+/-34.810 χ^2 /NDF: 8.3/13

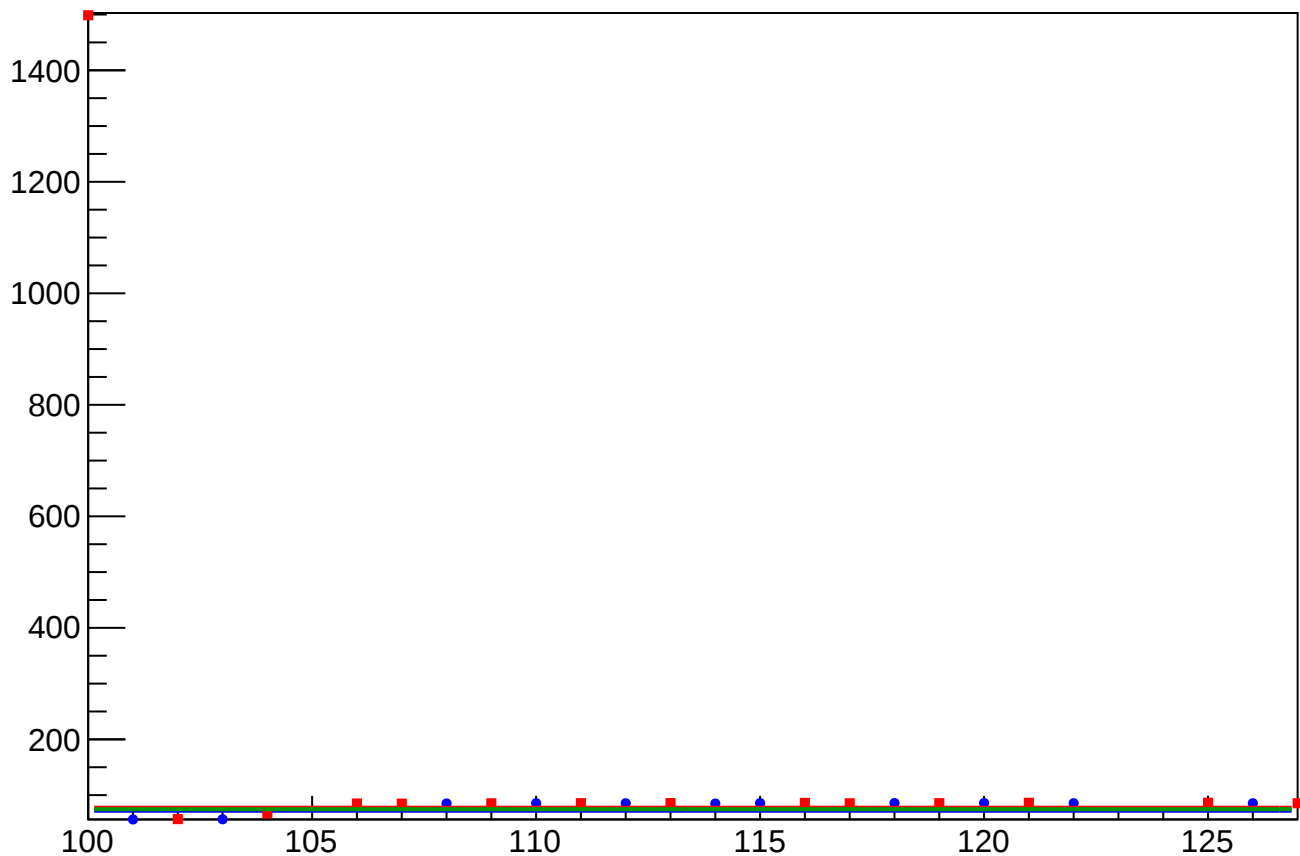
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

9.352+/-35.888 χ^2 /NDF: 12.2/10

0.265+/-24.987 χ^2 /NDF: 20.6/24

-8.284+/-34.810 χ^2 /NDF: 8.3/13

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 71.979+/-0.025 χ^2/NDF : 323599.1/10

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

Right Out: 77.446+/-0.025 χ^2/NDF : 362439.4/13

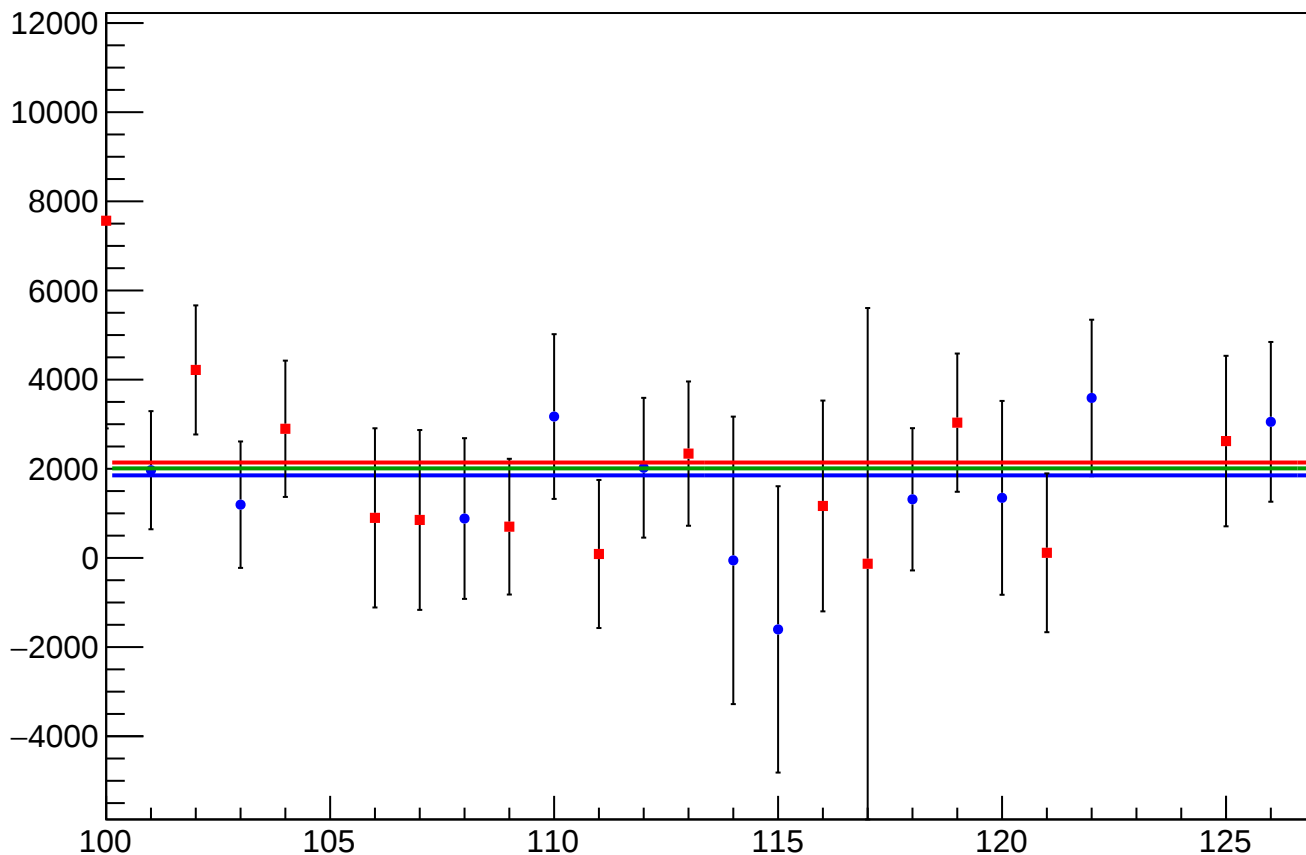
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.979+/-0.025 χ^2/NDF : 323599.1/10

74.796+/-0.018 χ^2/NDF : 709948.2/24

77.446+/-0.025 χ^2/NDF : 362439.4/13

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1852.113+/-533.935 χ^2/NDF : 4.1/10

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

Right Out: 2140.564+/-488.739 χ^2/NDF : 10.4/13

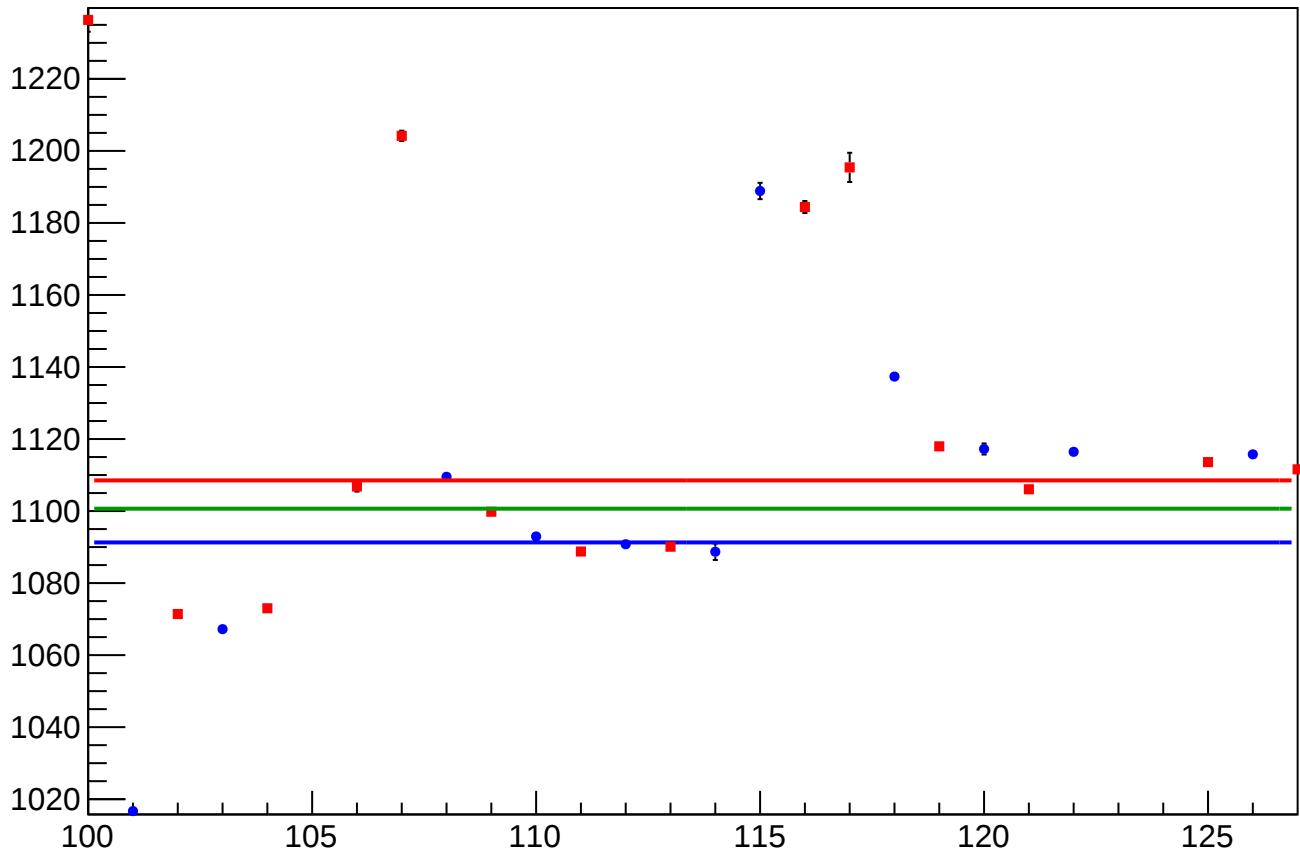
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1852.113+/-533.935 χ^2/NDF : 4.1/10

2009.061+/-360.512 χ^2/NDF : 14.7/24

2140.564+/-488.739 χ^2/NDF : 10.4/13

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1091.289 $\pm$ 0.378 χ^2 /NDF: 11703.4/10

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

Right Out: 1108.516 $\pm$ 0.346 χ^2 /NDF: 11622.9/13

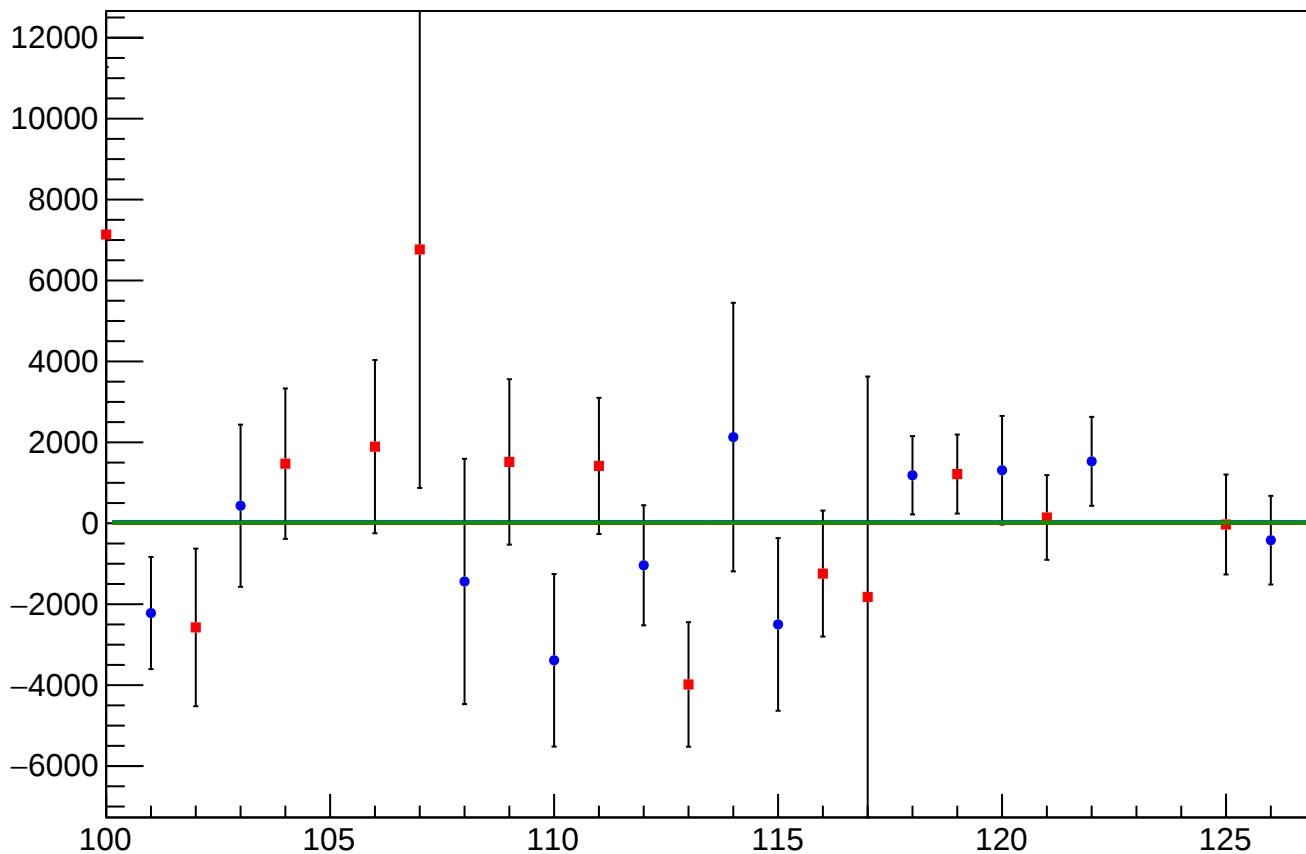
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1091.289 $\pm$ 0.378 χ^2 /NDF: 11703.4/10

1100.662 $\pm$ 0.255 χ^2 /NDF: 24459.1/24

1108.516 $\pm$ 0.346 χ^2 /NDF: 11622.9/13

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 26.517+/-440.759 χ^2 /NDF: 12.2/10

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

Right Out: 7.193+/-418.391 χ^2 /NDF: 18.4/13

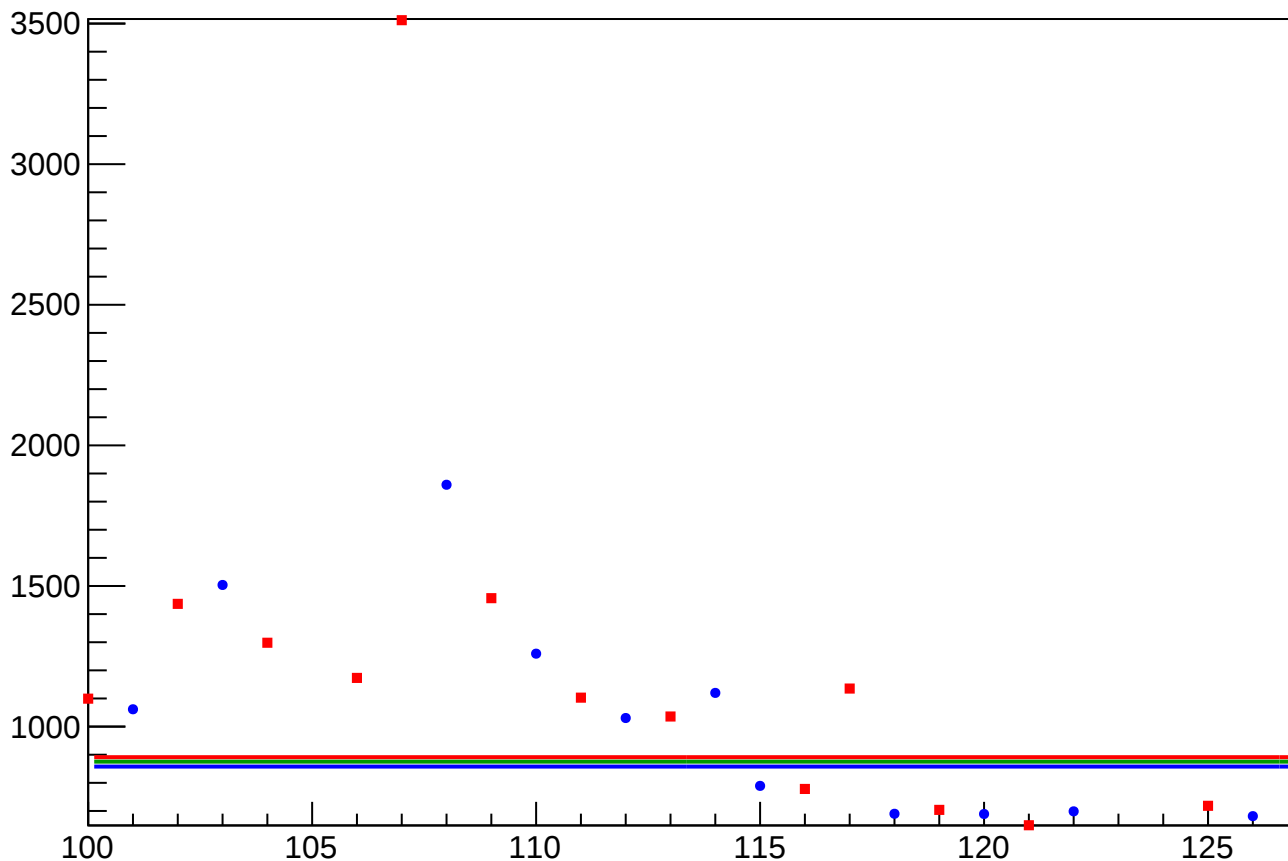
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

26.517+/-440.759 χ^2 /NDF: 12.2/10

16.352+/-303.447 χ^2 /NDF: 30.6/24

7.193+/-418.391 χ^2 /NDF: 18.4/13

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 857.849+/-0.312 χ^2/NDF : 767540.9/10

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

Right Out: 891.214+/-0.296 χ^2/NDF : 1157179.6/13

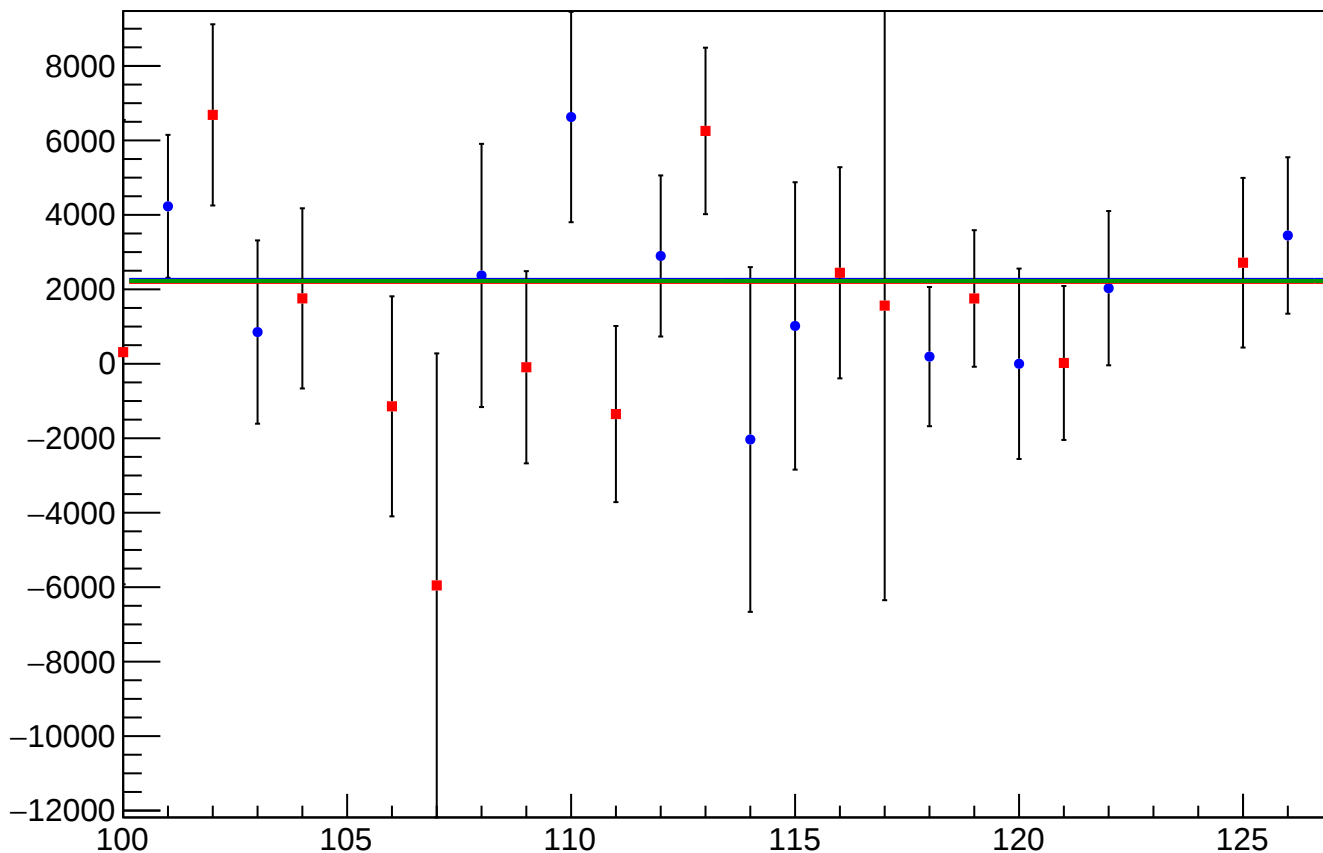
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

857.849+/-0.312 χ^2/NDF : 767540.9/10

875.400+/-0.215 χ^2/NDF : 1930749.3/24

891.214+/-0.296 χ^2/NDF : 1157179.6/13

asym_usl_mean vs Slug, Sign Corrected



Right In: 2254.550+/-731.710 χ^2/NDF : 7.2/10

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

Right Out: 2199.224+/-683.624 χ^2/NDF : 15.8/13

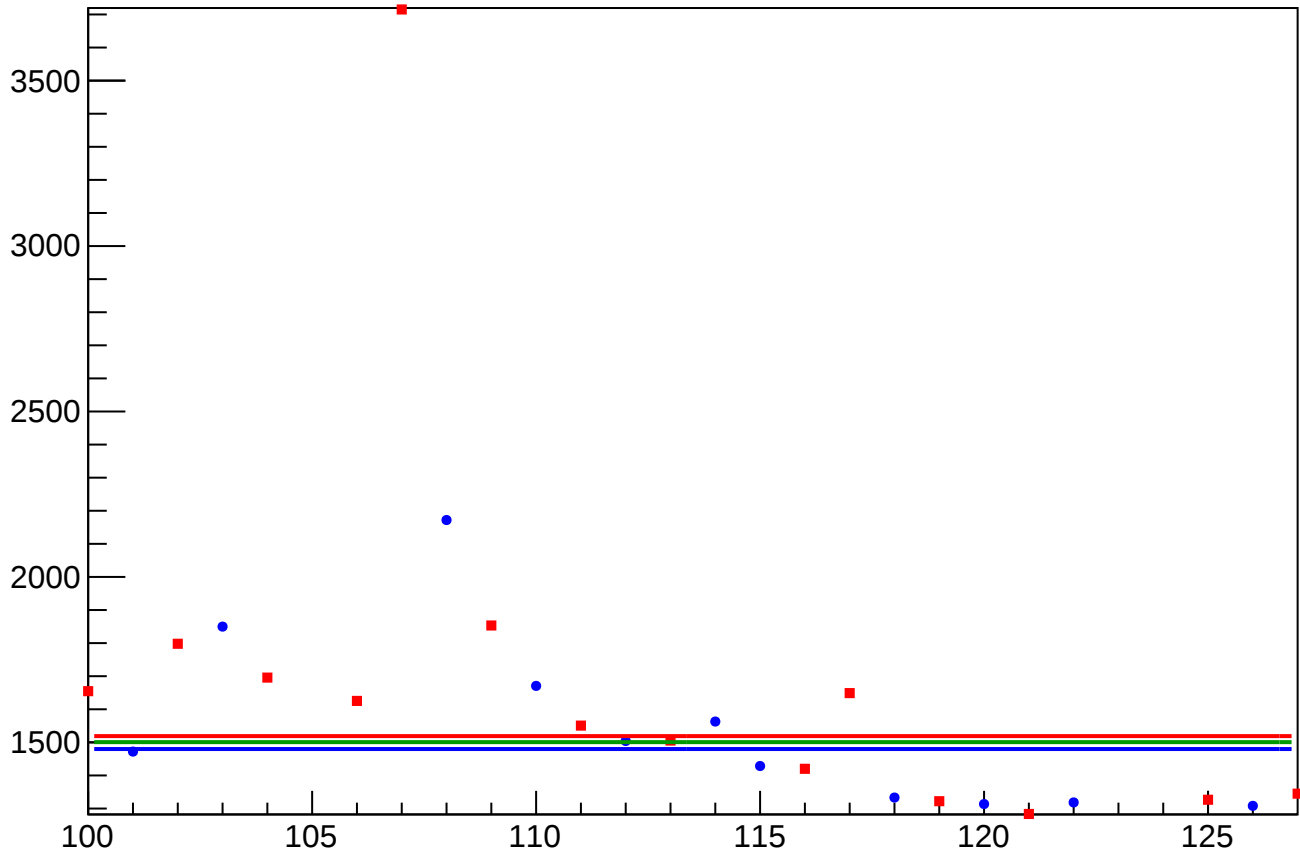
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2254.550+/-731.710 χ^2/NDF : 7.2/10

2225.010+/-499.530 χ^2/NDF : 23.0/24

2199.224+/-683.624 χ^2/NDF : 15.8/13

asym_usl_rms vs Slug, Sign Corrected



Right In: 1479.857+/-0.517 χ^2/NDF : 178514.3/10

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

Right Out: 1518.893+/-0.483 χ^2/NDF : 403615.2/13

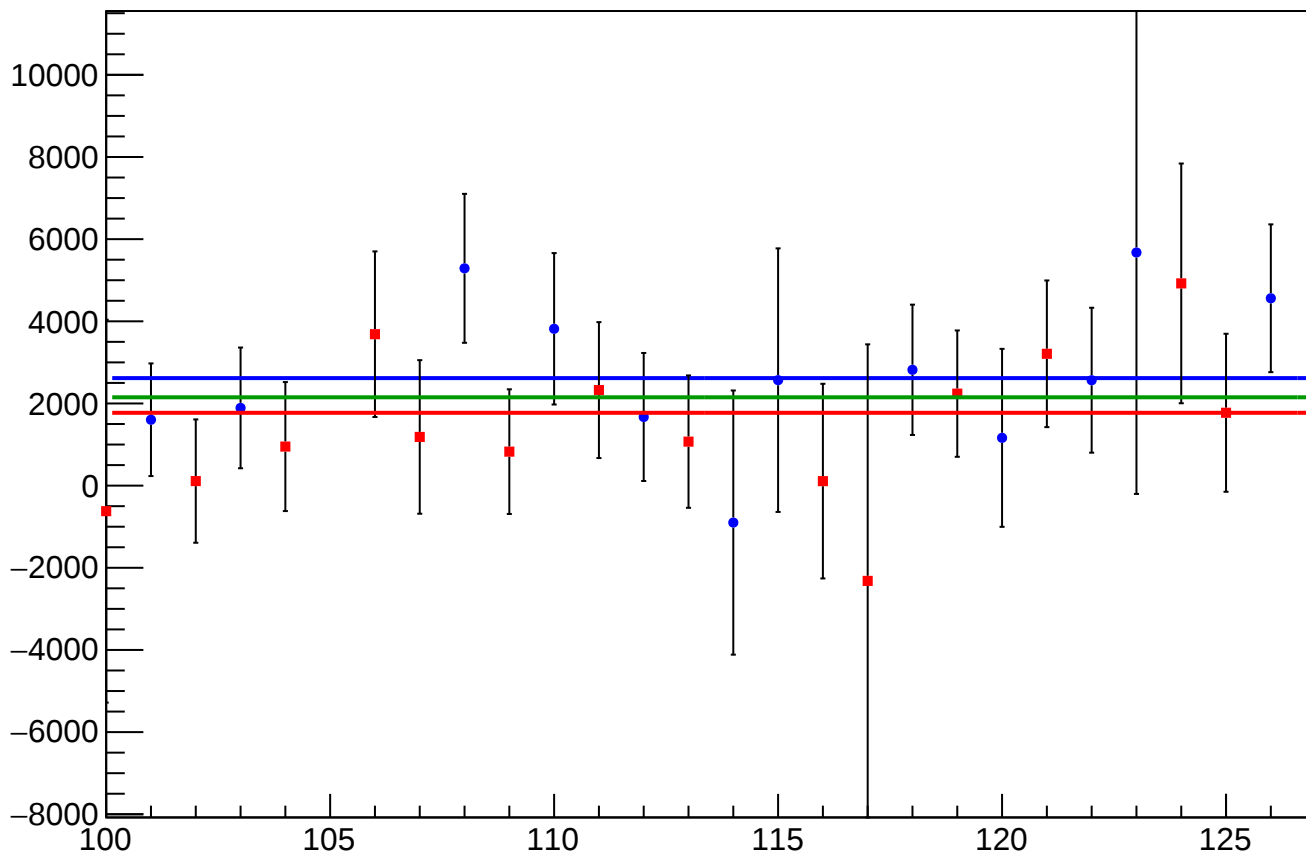
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1479.857+/-0.517 χ^2/NDF : 178514.3/10

1500.700+/-0.353 χ^2/NDF : 585168.8/24

1518.893+/-0.483 χ^2/NDF : 403615.2/13

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2617.439+/-536.857 χ^2/NDF : 6.9/11

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

Right Out: 1772.962+/-482.565 χ^2/NDF : 8.0/14

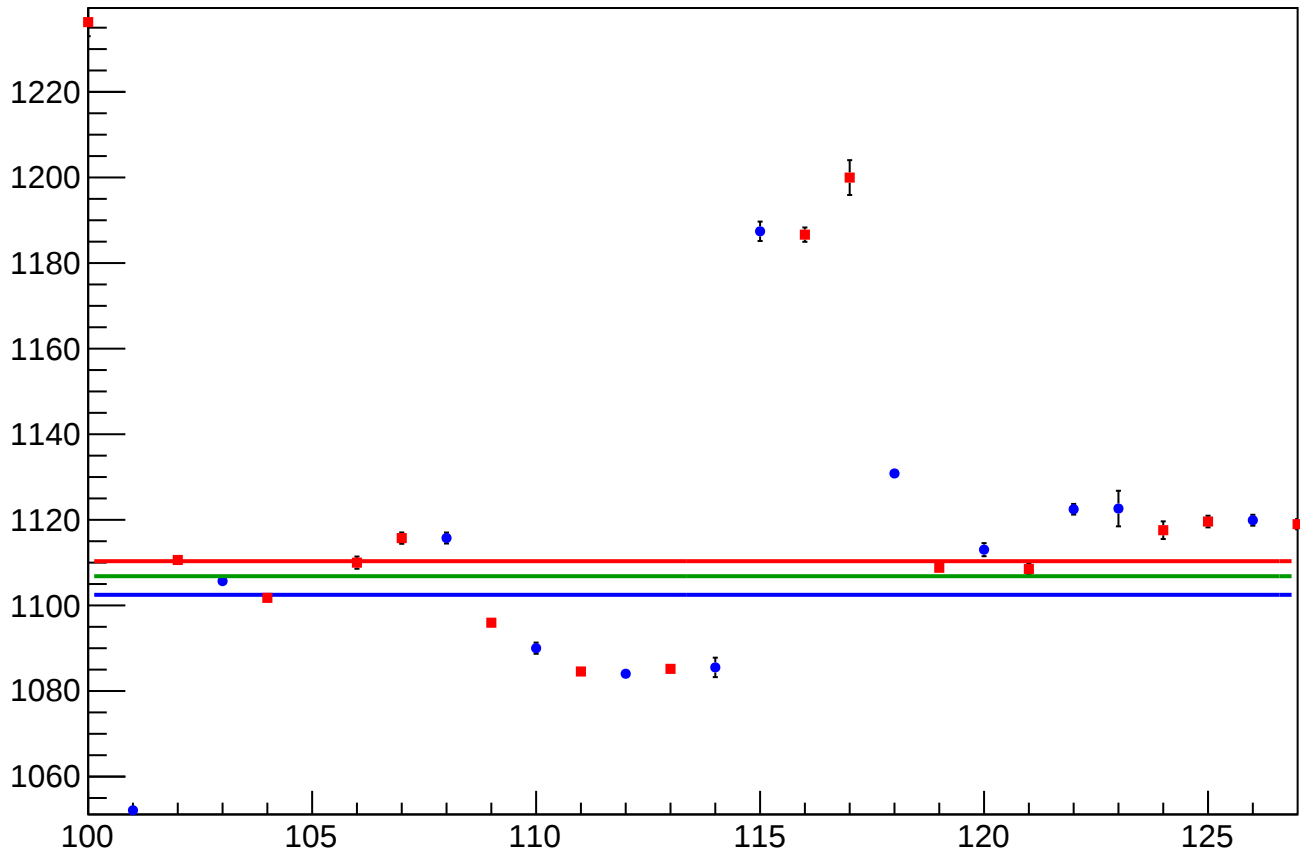
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2617.439+/-536.857 χ^2/NDF : 6.9/11

2150.353+/-358.890 χ^2/NDF : 16.2/26

1772.962+/-482.565 χ^2/NDF : 8.0/14

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.479+/-0.380 χ^2/NDF : 5798.7/11

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

Right Out: 1110.339+/-0.341 χ^2/NDF : 5364.8/14

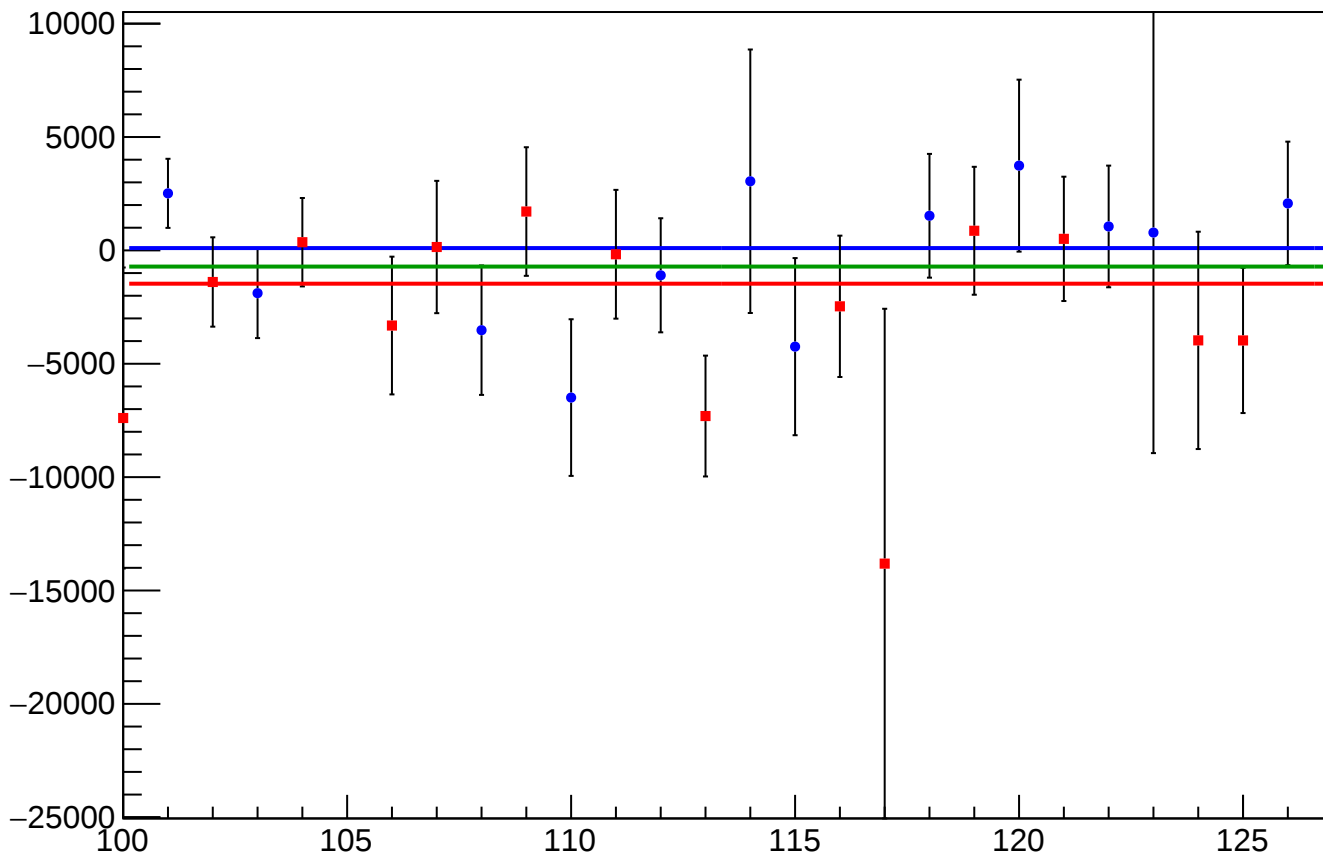
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1102.479+/-0.380 χ^2/NDF : 5798.7/11

1106.826+/-0.254 χ^2/NDF : 11400.7/26

1110.339+/-0.341 χ^2/NDF : 5364.8/14

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 101.891+/-782.531 χ^2/NDF : 12.3/11

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

Right Out: -1468.709+/-752.868 χ^2/NDF : 12.1/14

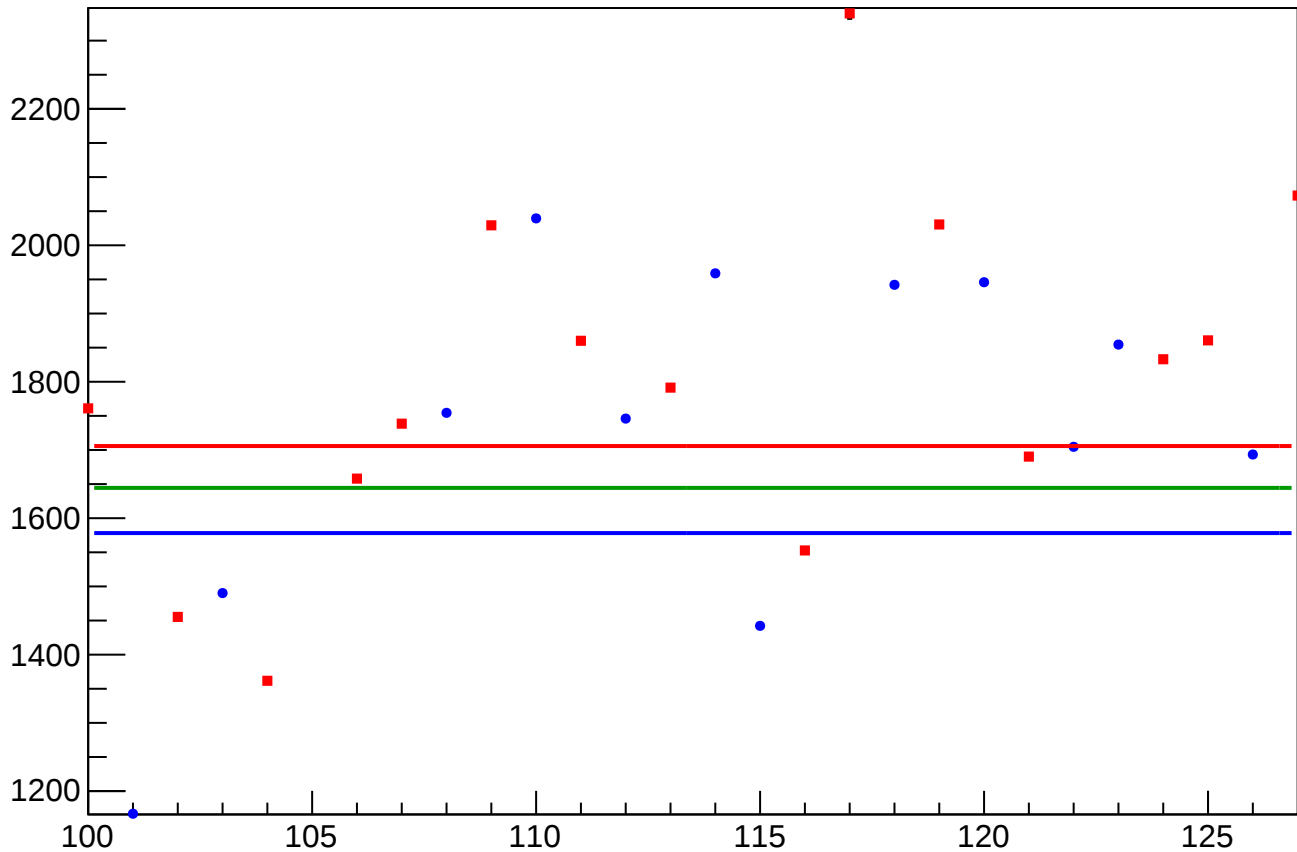
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

101.891+/-782.531 χ^2/NDF : 12.3/11

-713.741+/-542.542 χ^2/NDF : 26.5/26

-1468.709+/-752.868 χ^2/NDF : 12.1/14

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1578.210+/-0.553 χ^2/NDF : 276921.3/11

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

Right Out: 1705.774+/-0.532 χ^2/NDF : 199010.5/14

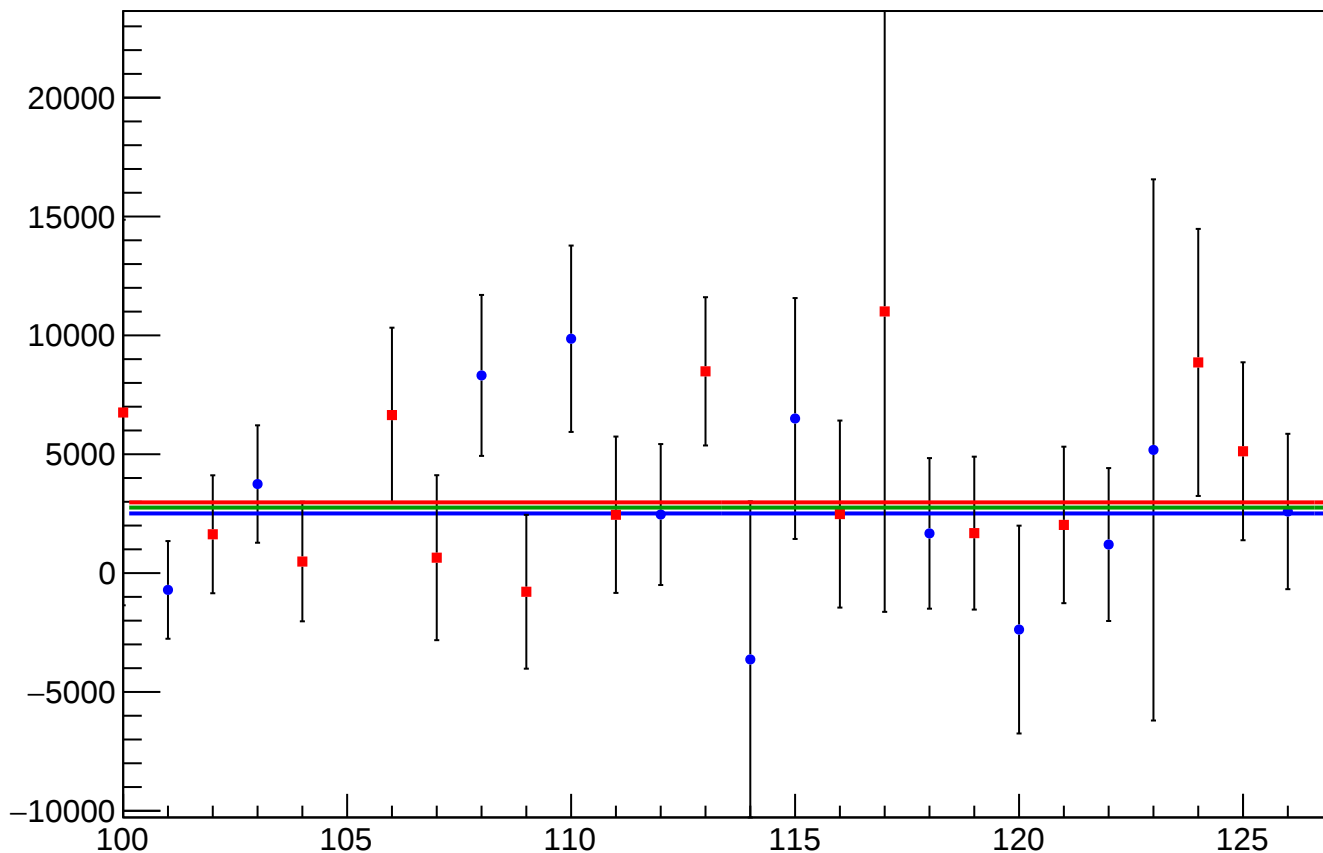
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1578.210+/-0.553 χ^2/NDF : 276921.3/11

1644.456+/-0.384 χ^2/NDF : 503532.2/26

1705.774+/-0.532 χ^2/NDF : 199010.5/14

asym_usr_mean vs Slug, Sign Corrected



Right In: 2509.228+/-962.936 χ^2/NDF : 12.2/11

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

Right Out: 2975.053+/-905.855 χ^2/NDF : 9.9/14

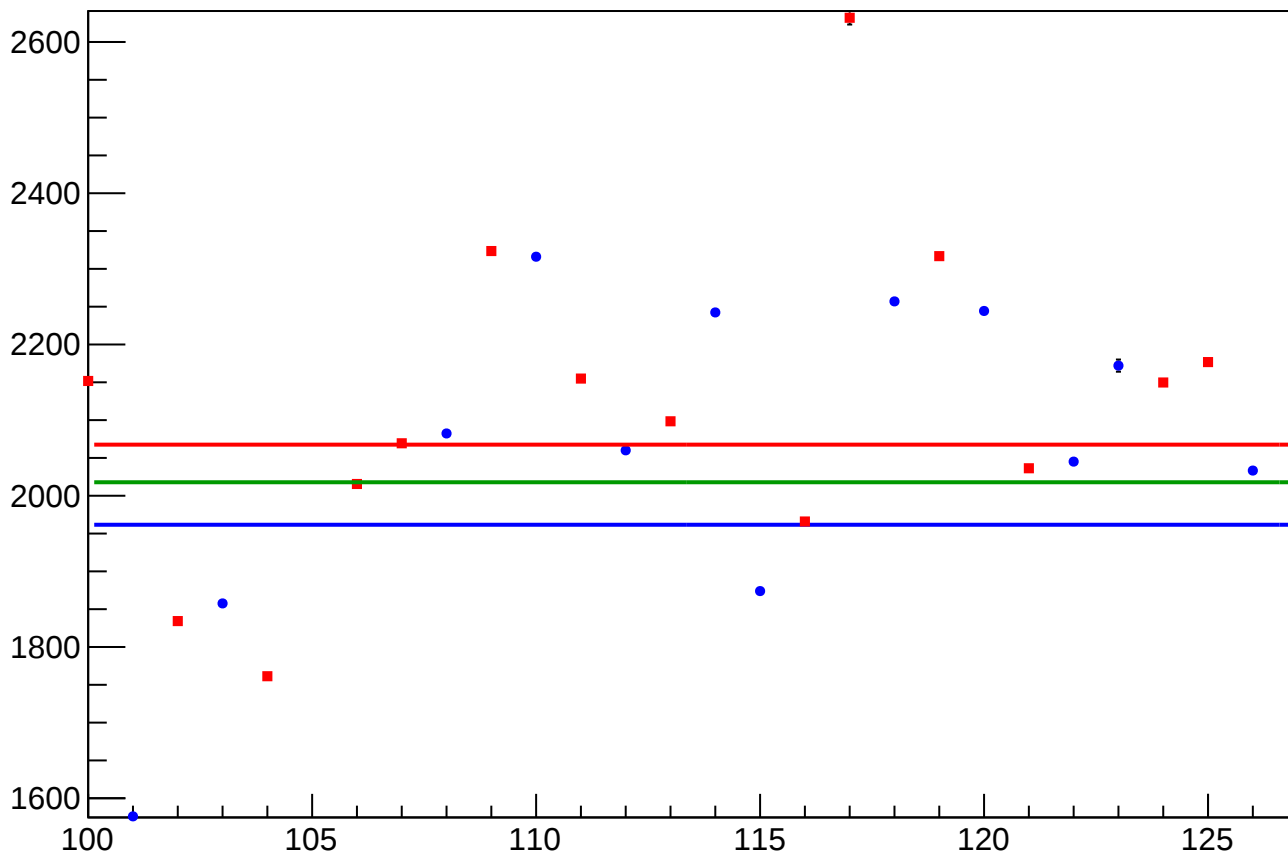
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2509.228+/-962.936 χ^2/NDF : 12.2/11

2756.356+/-659.793 χ^2/NDF : 22.2/26

2975.053+/-905.855 χ^2/NDF : 9.9/14

asym_usr_rms vs Slug, Sign Corrected



Right In: 1961.632 $\pm$ 0.681 χ^2 /NDF: 127982.6/11

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

Right Out: 2067.562 $\pm$ 0.641 χ^2 /NDF: 98360.4/14

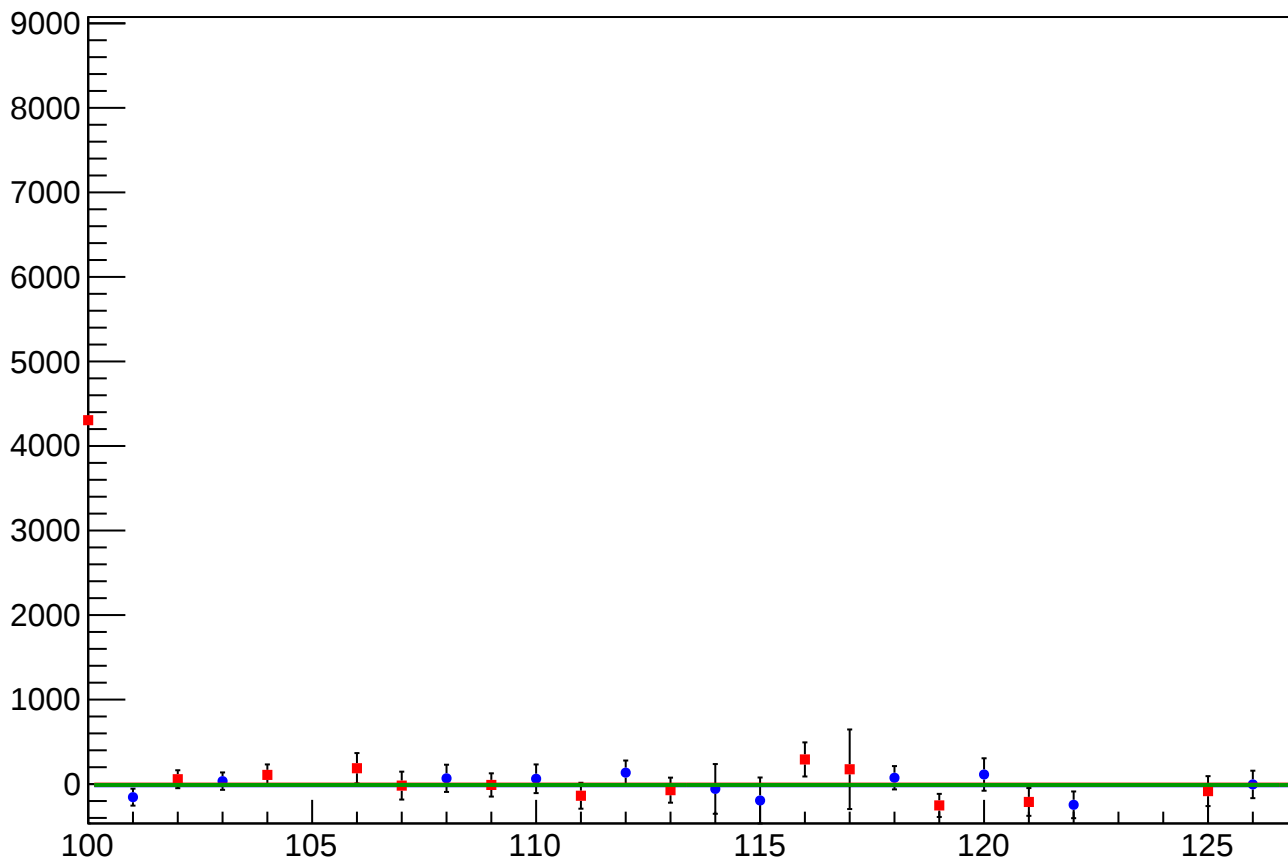
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1961.632 $\pm$ 0.681 χ^2 /NDF: 127982.6/11

2017.830 $\pm$ 0.467 χ^2 /NDF: 239183.0/26

2067.562 $\pm$ 0.641 χ^2 /NDF: 98360.4/14

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -13.578+/-44.785 χ^2/NDF : 7.2/10

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

Right Out: -6.166+/-42.343 χ^2/NDF : 12.0/13

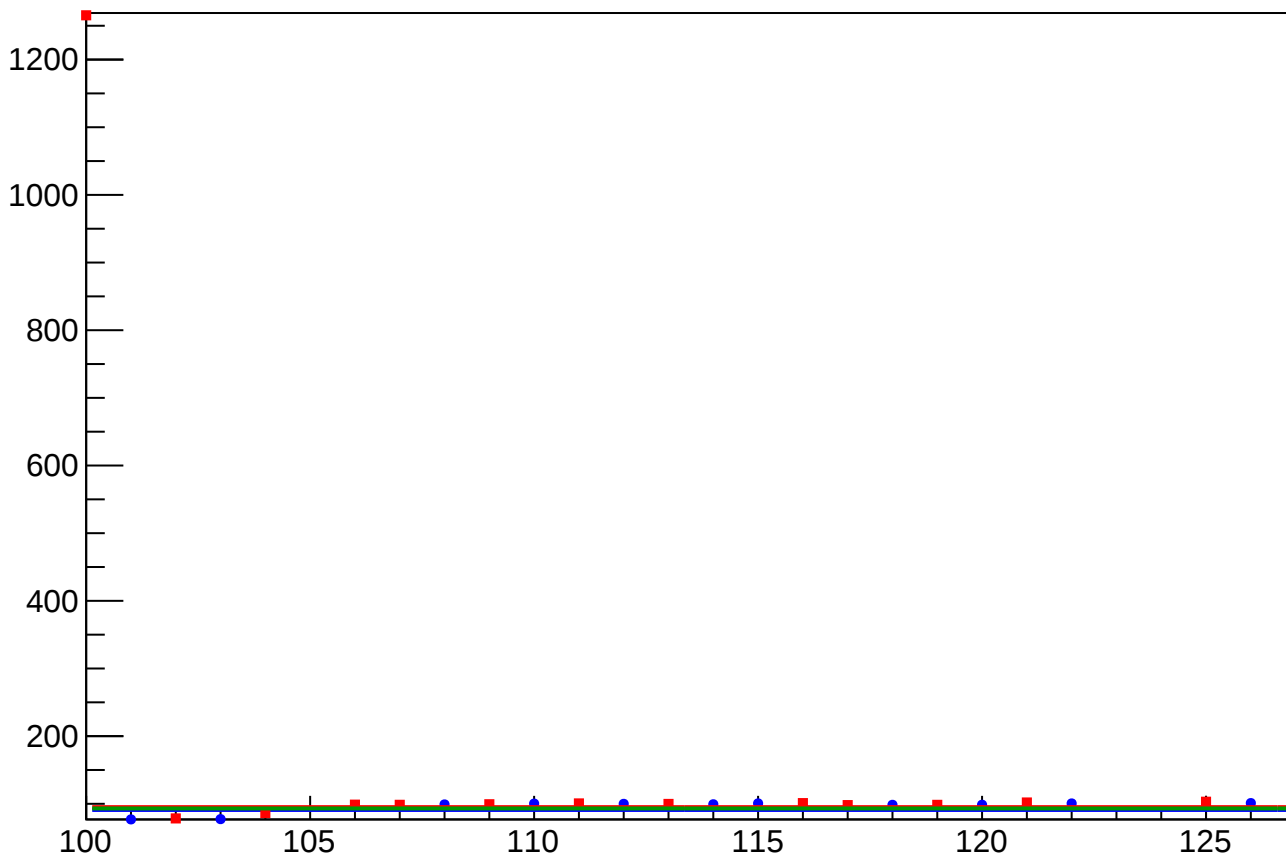
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.578+/-44.785 χ^2/NDF : 7.2/10

-9.665+/-30.768 χ^2/NDF : 19.2/24

-6.166+/-42.343 χ^2/NDF : 12.0/13

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.946+/-0.032 χ^2 /NDF: 121591.8/10

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

Right Out: 95.085+/-0.030 χ^2 /NDF: 201297.7/13

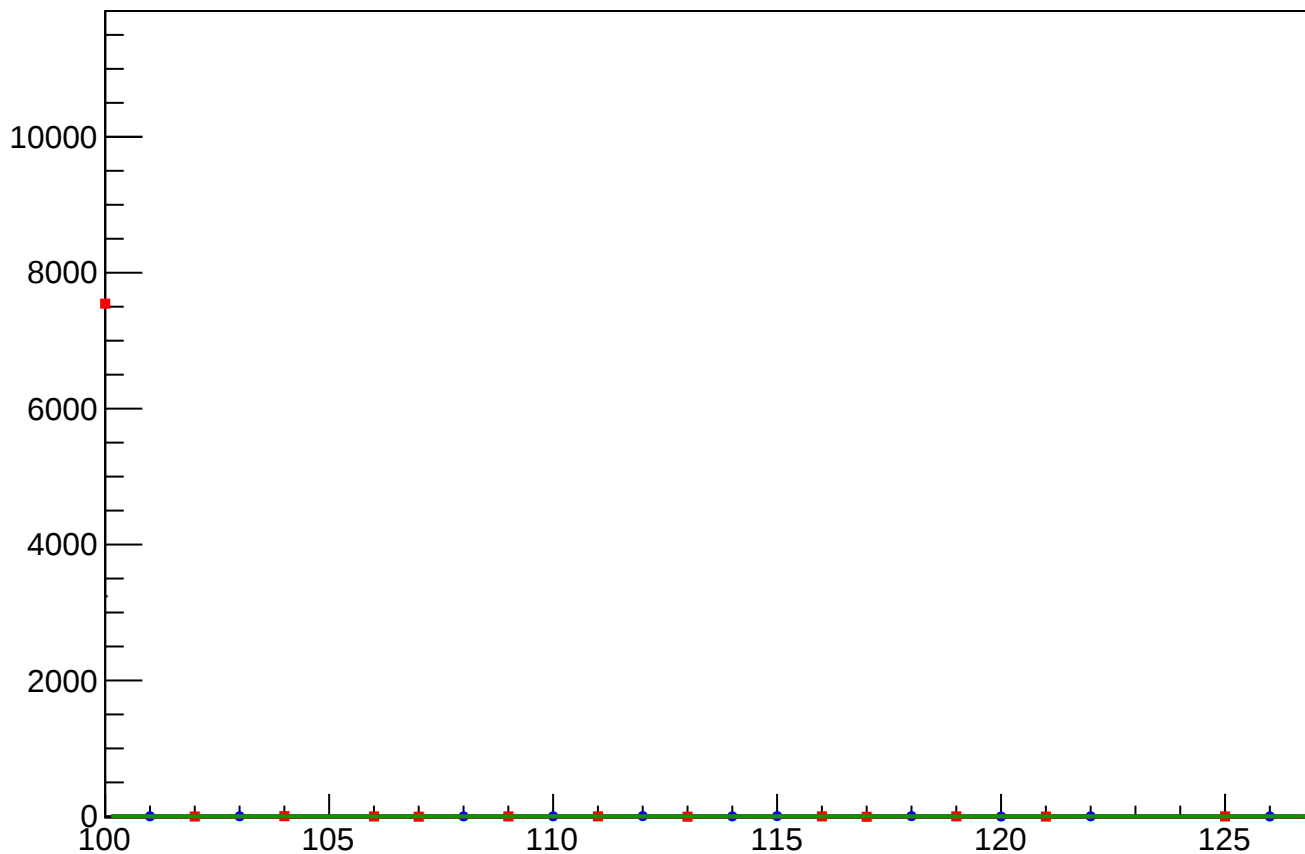
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

90.946+/-0.032 χ^2 /NDF: 121591.8/10

93.131+/-0.022 χ^2 /NDF: 331909.2/24

95.085+/-0.030 χ^2 /NDF: 201297.7/13

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.113 $\pm$ 0.727 χ^2 /NDF: 4.4/10

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

Right Out: -1.128 $\pm$ 0.730 χ^2 /NDF: 11.8/13

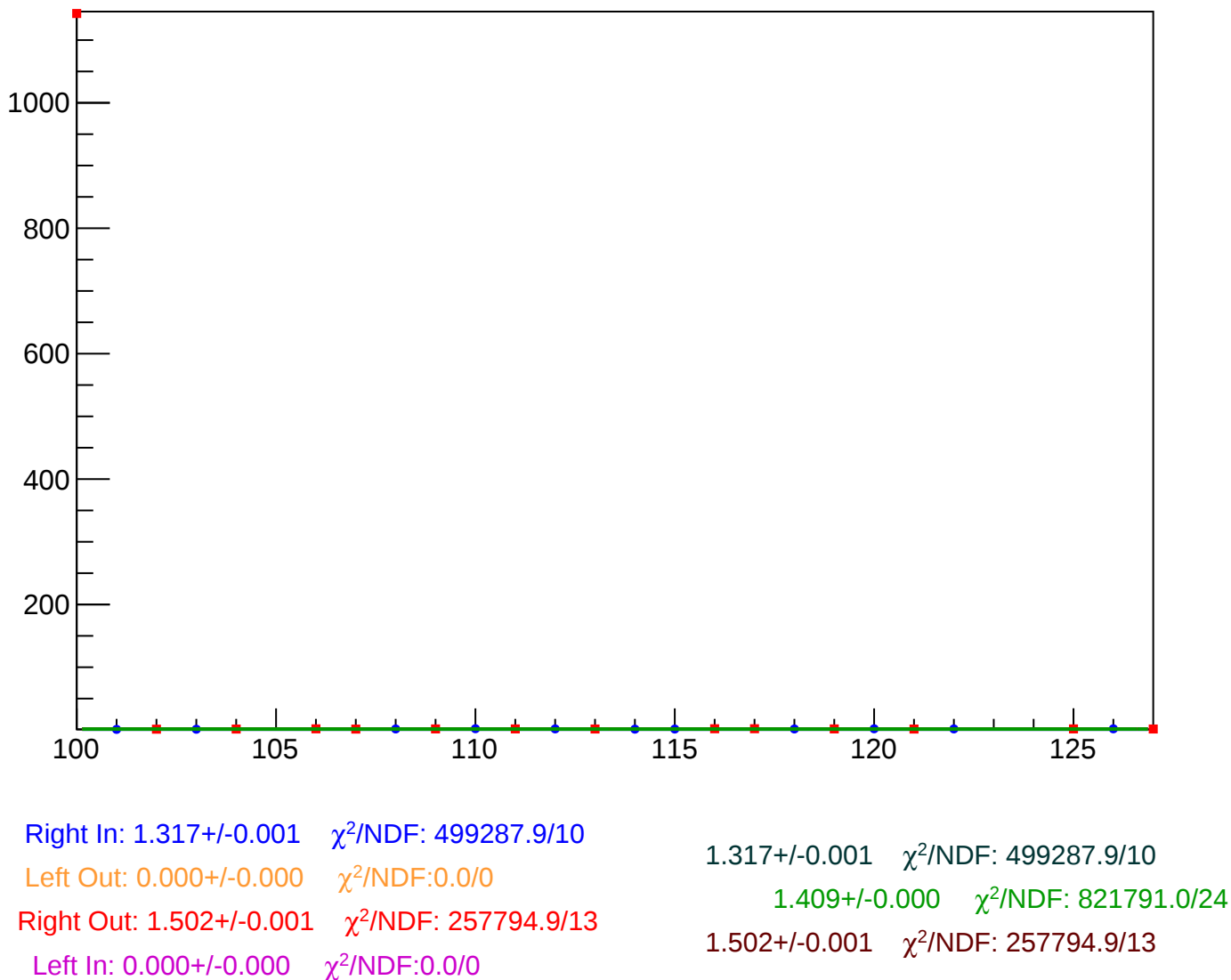
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.113 $\pm$ 0.727 χ^2 /NDF: 4.4/10

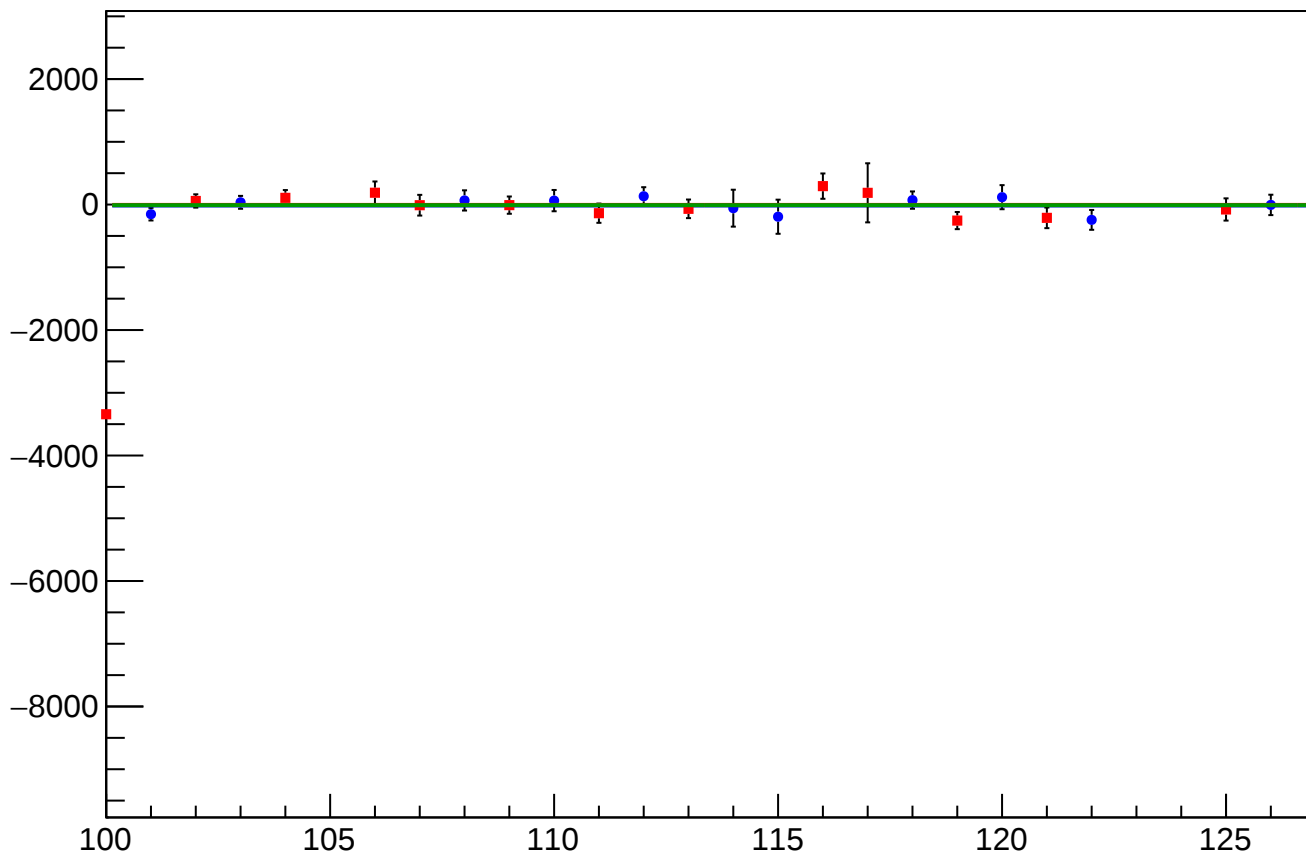
-0.002 $\pm$ 0.515 χ^2 /NDF: 20.9/24

-1.128 $\pm$ 0.730 χ^2 /NDF: 11.8/13

asym_dsl_correction_rms vs Slug, Sign Corrected



asym_dsl_mean vs Slug, Sign Corrected



Right In: -14.265+/-44.796 χ^2 /NDF: 7.1/10

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

Right Out: -5.844+/-42.355 χ^2 /NDF: 11.6/13

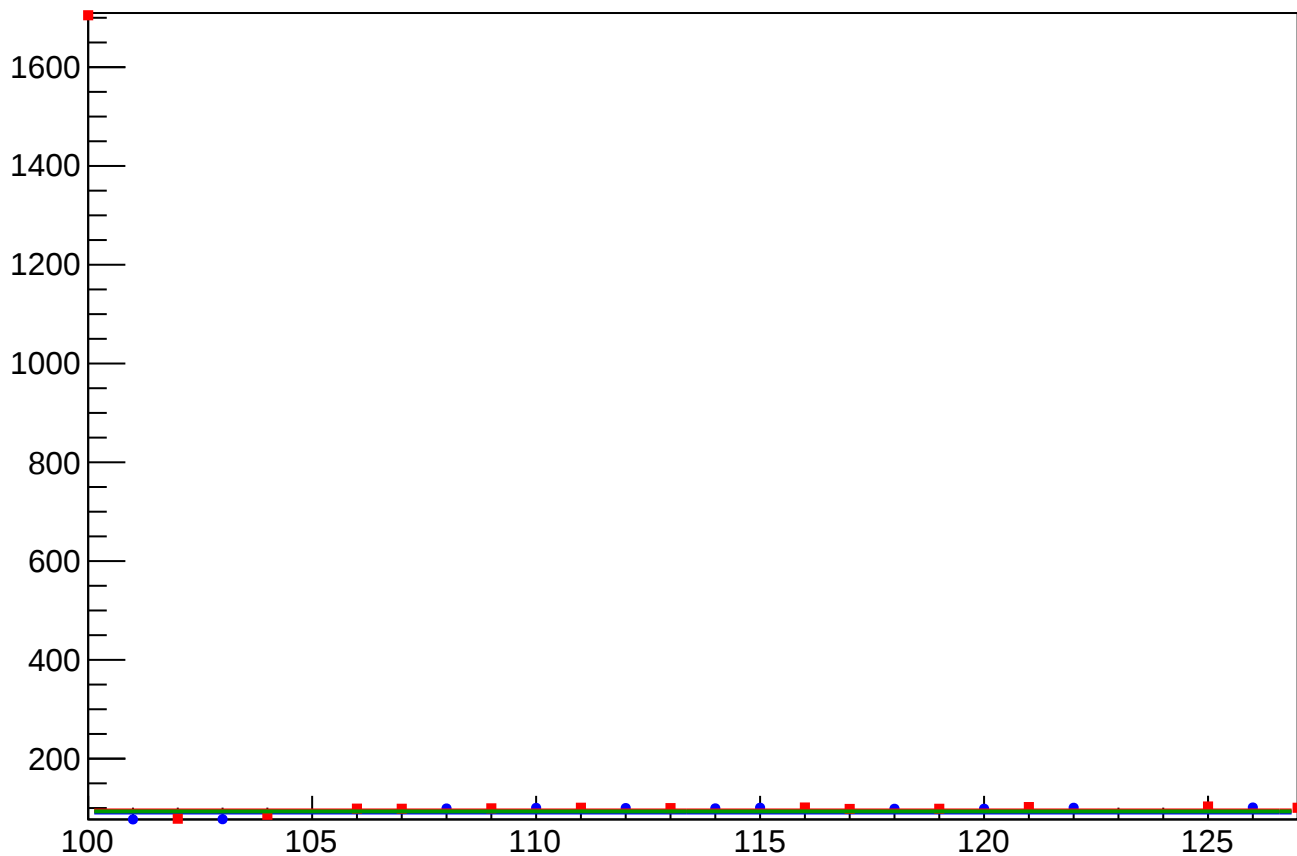
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-14.265+/-44.796 χ^2 /NDF: 7.1/10

-9.819+/-30.776 χ^2 /NDF: 18.7/24

-5.844+/-42.355 χ^2 /NDF: 11.6/13

asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.969+/-0.032 χ^2/NDF : 121603.5/10

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

Right Out: 95.088+/-0.030 χ^2/NDF : 206367.6/13

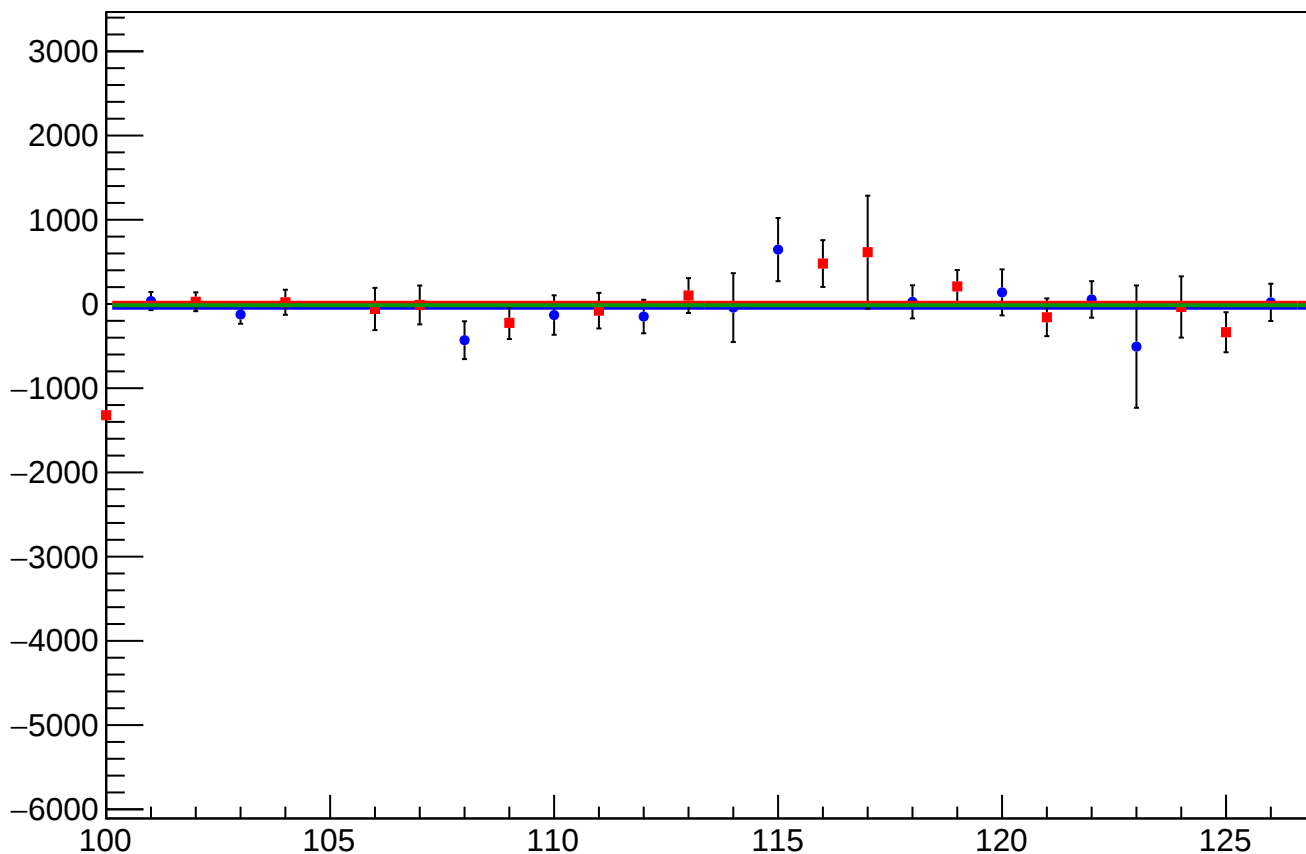
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.969+/-0.032 χ^2/NDF : 121603.5/10

93.144+/-0.022 χ^2/NDF : 336898.3/24

95.088+/-0.030 χ^2/NDF : 206367.6/13

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -44.322+/-55.177 χ^2 /NDF: 9.1/11

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

Right Out: 14.424+/-54.032 χ^2 /NDF: 10.4/14

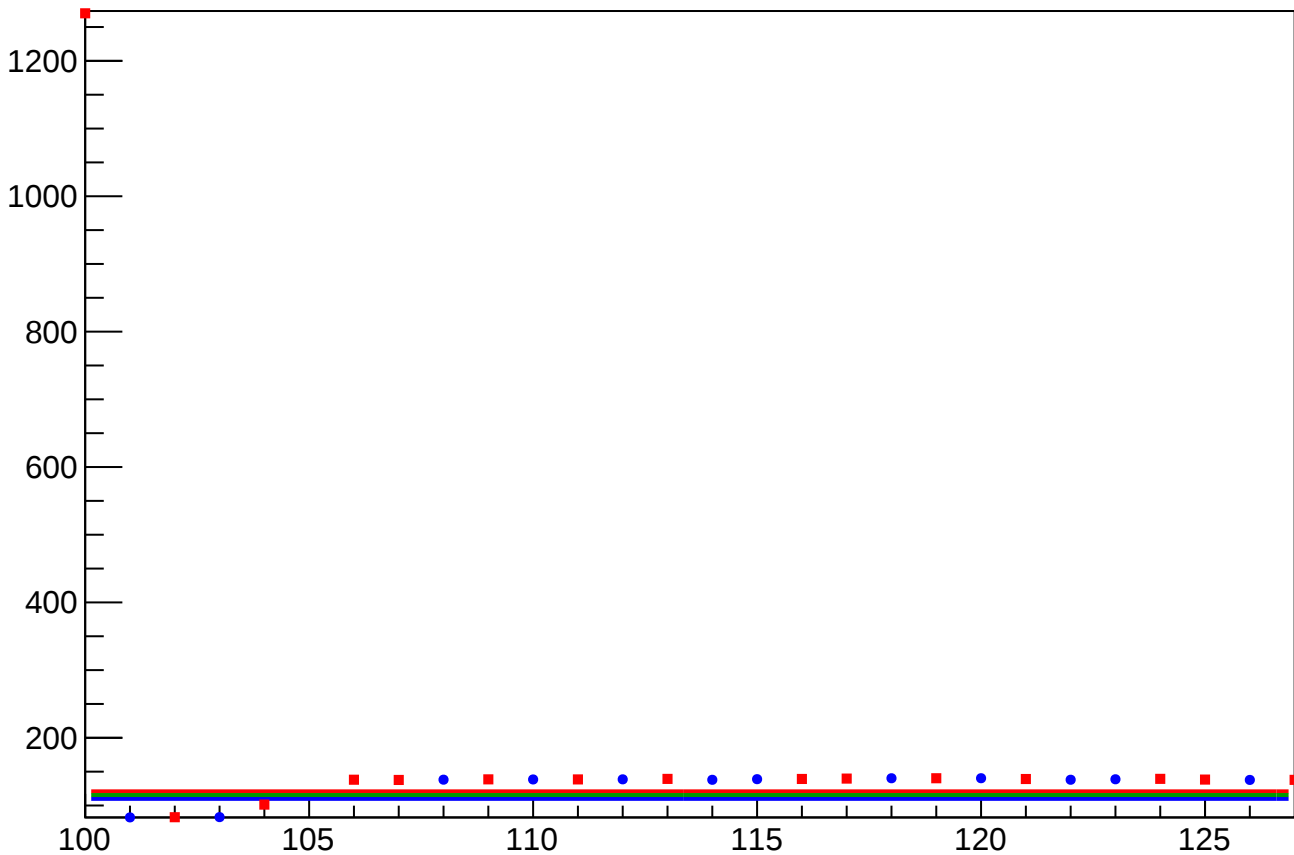
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-44.322+/-55.177 χ^2 /NDF: 9.1/11

-14.333+/-38.605 χ^2 /NDF: 20.1/26

14.424+/-54.032 χ^2 /NDF: 10.4/14

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 109.827+/-0.039 χ^2/NDF : 517551.0/11

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

Right Out: 120.881+/-0.038 χ^2/NDF : 522896.7/14

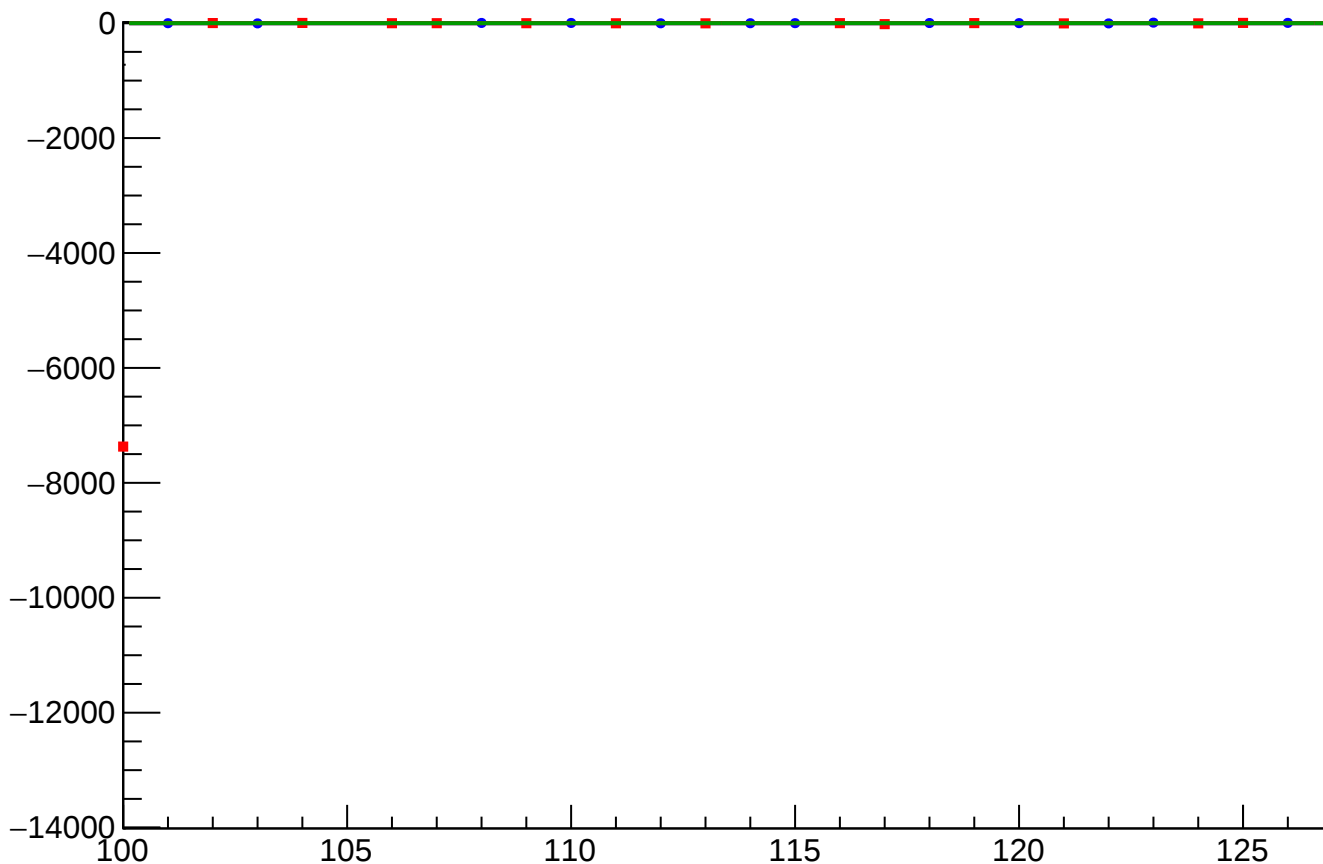
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.827+/-0.039 χ^2/NDF : 517551.0/11

115.470+/-0.027 χ^2/NDF : 1081424.1/26

120.881+/-0.038 χ^2/NDF : 522896.7/14

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -0.794+/-0.956 χ^2/NDF : 10.5/11

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

Right Out: -0.228+/-0.964 χ^2/NDF : 10.2/14

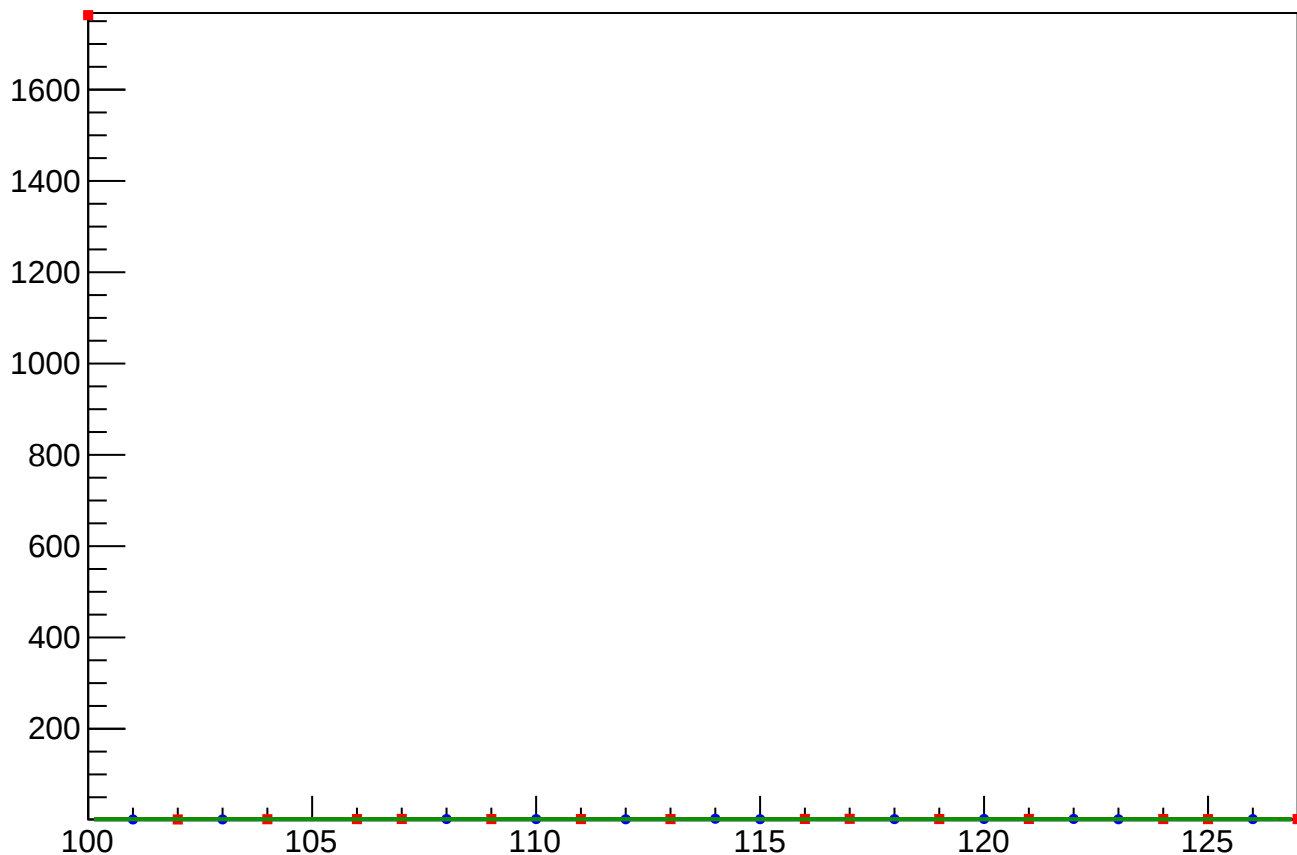
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.794+/-0.956 χ^2/NDF : 10.5/11

-0.513+/-0.679 χ^2/NDF : 20.8/26

-0.228+/-0.964 χ^2/NDF : 10.2/14

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.771 $\pm$ 0.001 χ^2 /NDF: 350798.9/11

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

Right Out: 2.007 $\pm$ 0.001 χ^2 /NDF: 464282.9/14

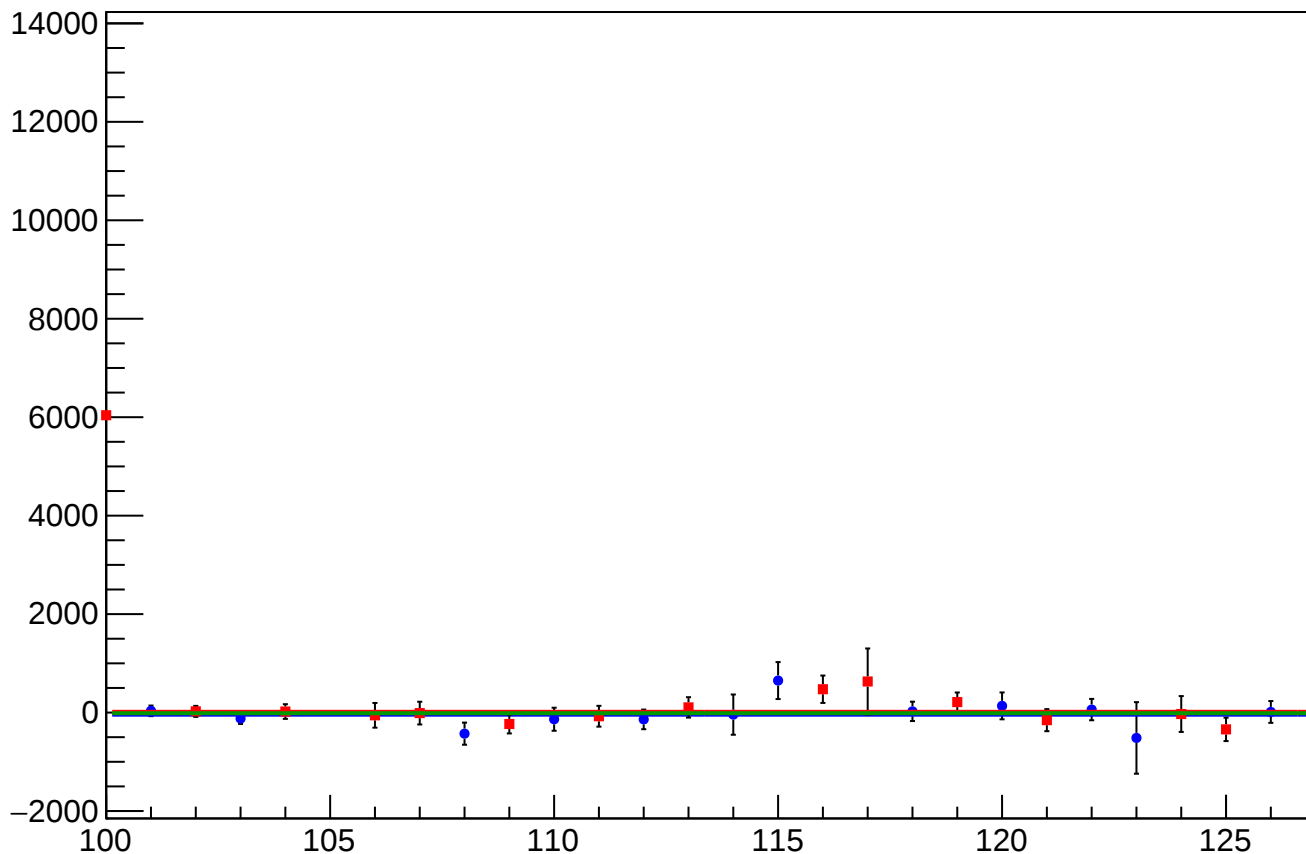
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.771 $\pm$ 0.001 χ^2 /NDF: 350798.9/11

1.888 $\pm$ 0.000 χ^2 /NDF: 875386.5/26

2.007 $\pm$ 0.001 χ^2 /NDF: 464282.9/14

asym_dsr_mean vs Slug, Sign Corrected



Right In: -42.674+/-55.191 χ^2 /NDF: 9.0/11

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

Right Out: 15.265+/-54.049 χ^2 /NDF: 11.1/14

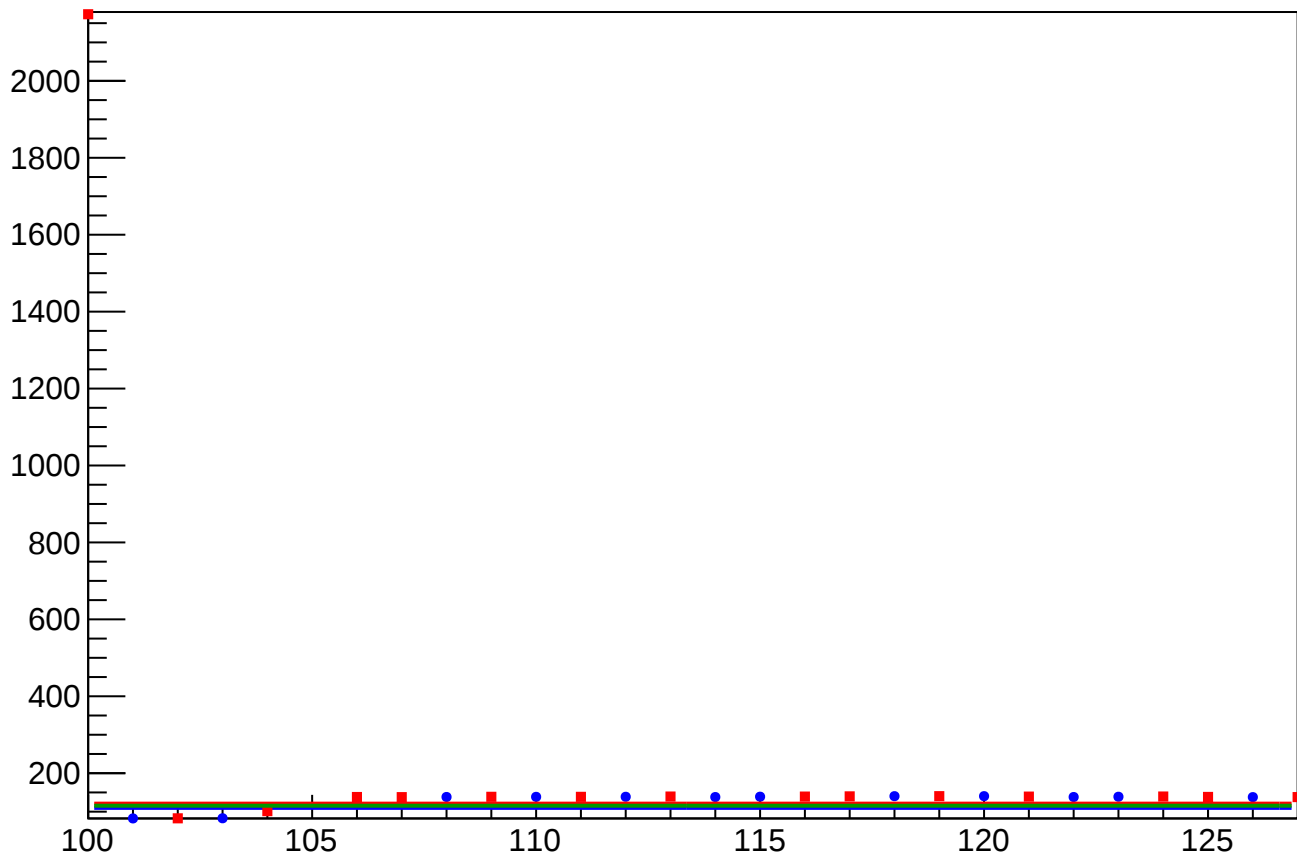
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-42.674+/-55.191 χ^2 /NDF: 9.0/11

-13.099+/-38.616 χ^2 /NDF: 20.7/26

15.265+/-54.049 χ^2 /NDF: 11.1/14

asym_dsr_rms vs Slug, Sign Corrected



Right In: 109.856+/-0.039 χ^2/NDF : 517534.7/11

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

Right Out: 120.856+/-0.038 χ^2/NDF : 533166.5/14

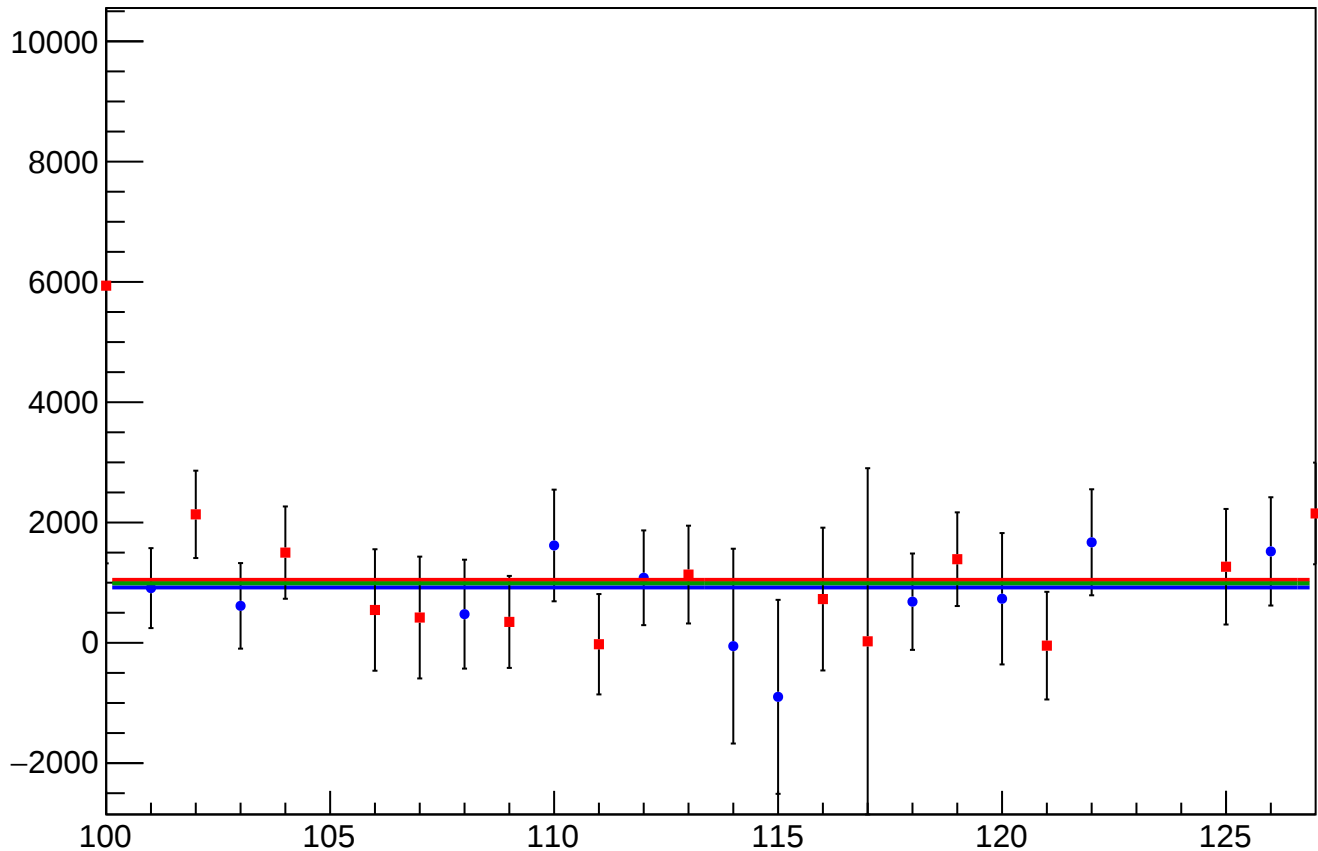
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.856+/-0.039 χ^2/NDF : 517534.7/11

115.471+/-0.027 χ^2/NDF : 1091258.8/26

120.856+/-0.038 χ^2/NDF : 533166.5/14

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 921.165+/-268.044 χ^2/NDF : 4.0/10

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

Right Out: 1046.572+/-246.406 χ^2/NDF : 10.5/13

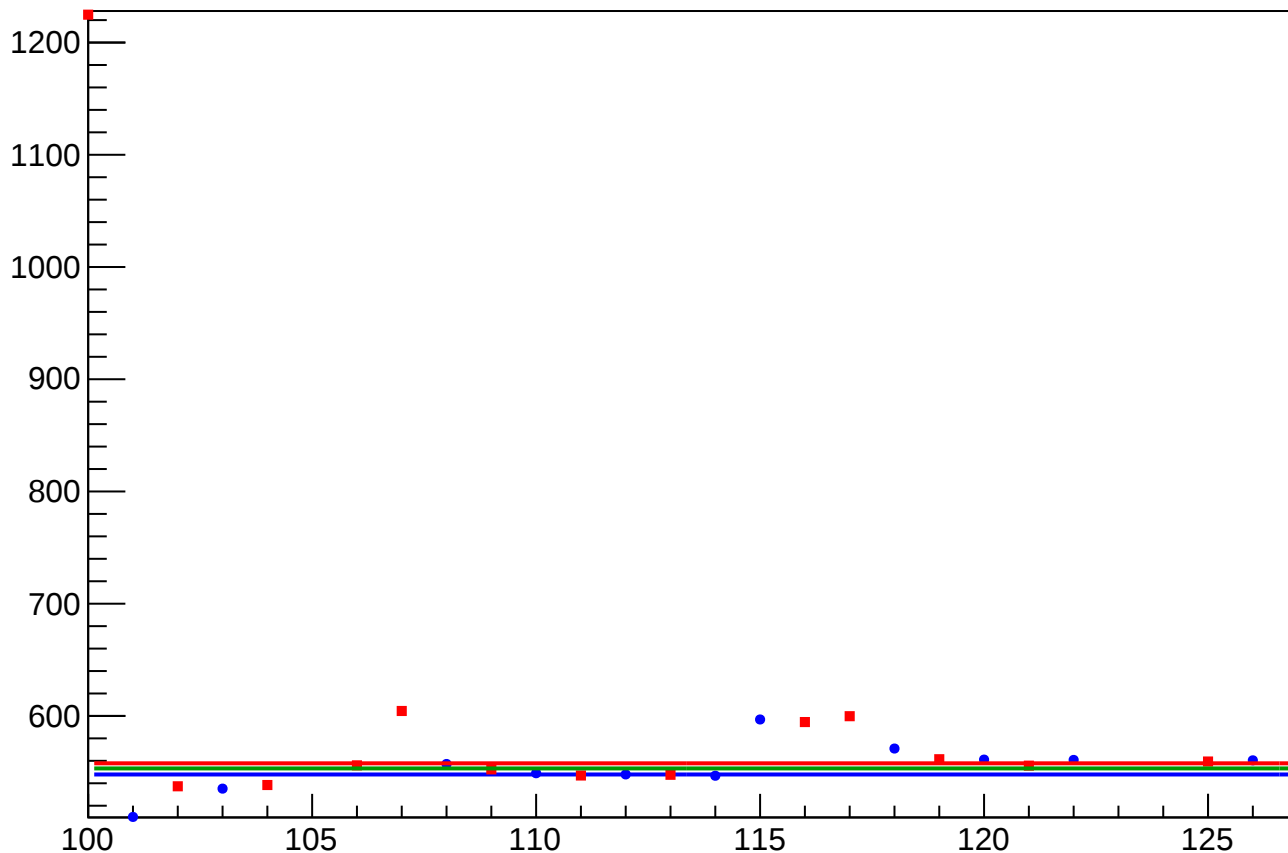
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

921.165+/-268.044 χ^2/NDF : 4.0/10

989.134+/-181.404 χ^2/NDF : 14.6/24

1046.572+/-246.406 χ^2/NDF : 10.5/13

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 547.837+/-0.190 χ^2/NDF : 11954.1/10

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

Right Out: 557.779+/-0.174 χ^2/NDF : 52027.1/13

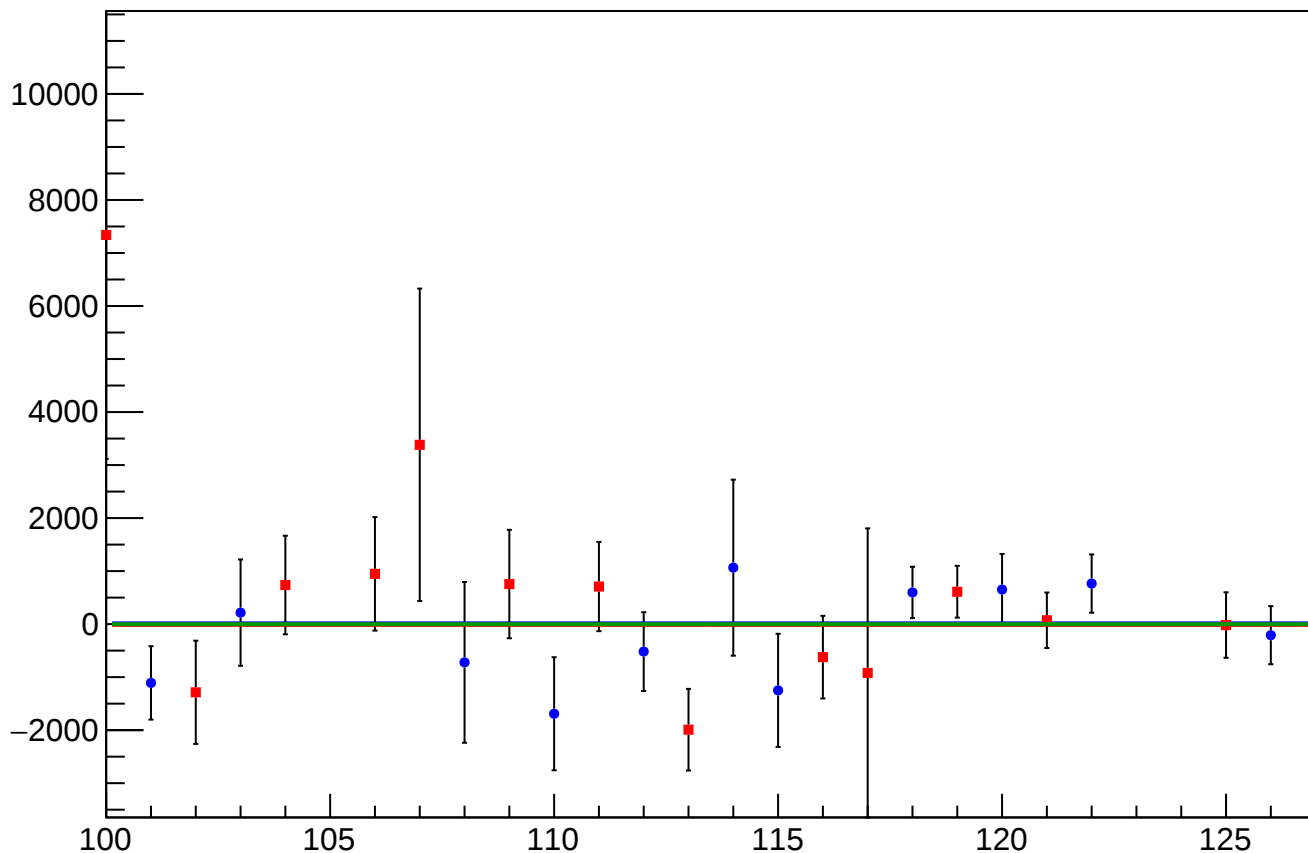
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

547.837+/-0.190 χ^2/NDF : 11954.1/10

553.226+/-0.128 χ^2/NDF : 65472.6/24

557.779+/-0.174 χ^2/NDF : 52027.1/13

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 13.863+/-220.423 χ^2/NDF : 12.2/10

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

Right Out: -14.947+/-210.068 χ^2/NDF : 18.5/13

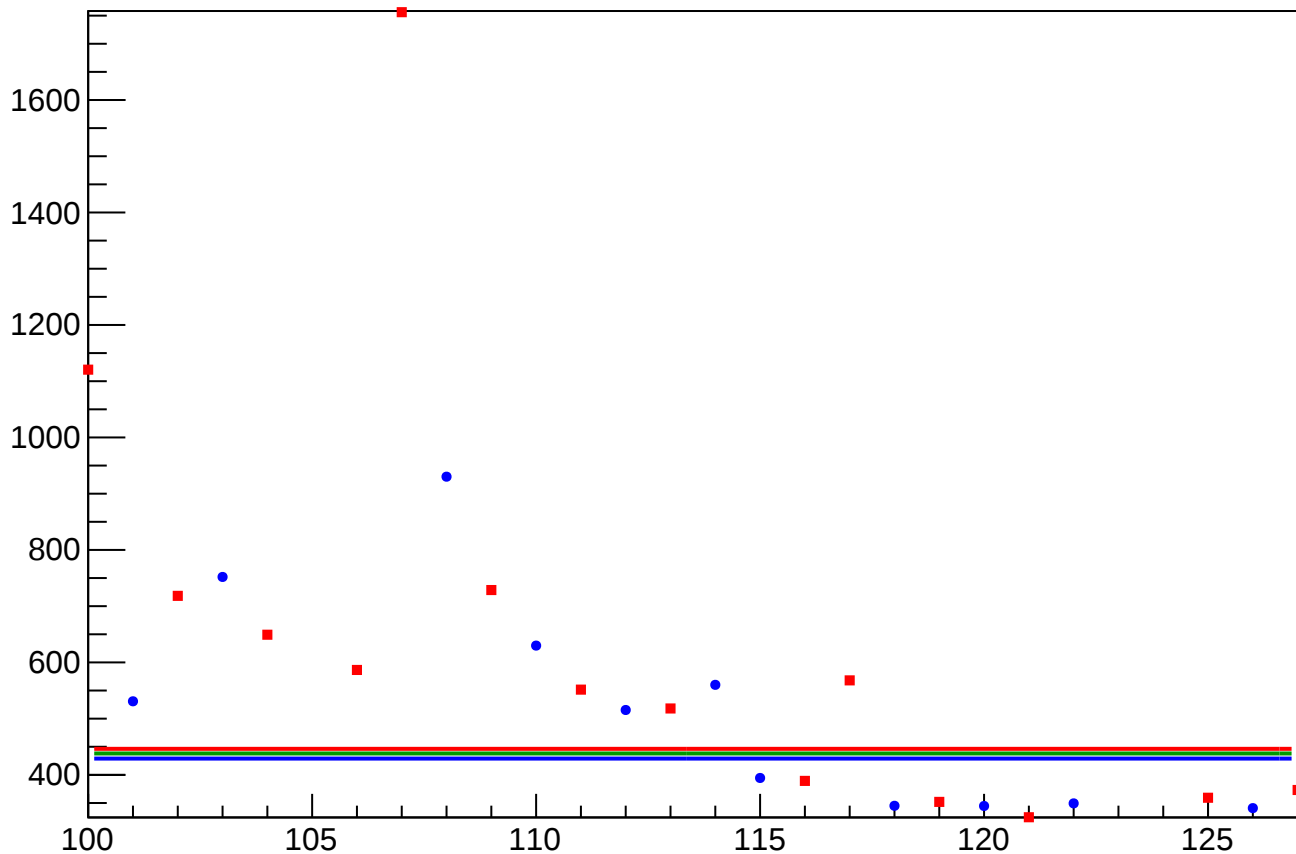
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.863+/-220.423 χ^2/NDF : 12.2/10

-1.234+/-152.070 χ^2/NDF : 30.6/24

-14.947+/-210.068 χ^2/NDF : 18.5/13

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 429.007+/-0.156 χ^2/NDF : 767549.7/10

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

Right Out: 446.332+/-0.149 χ^2/NDF : 1203028.9/13

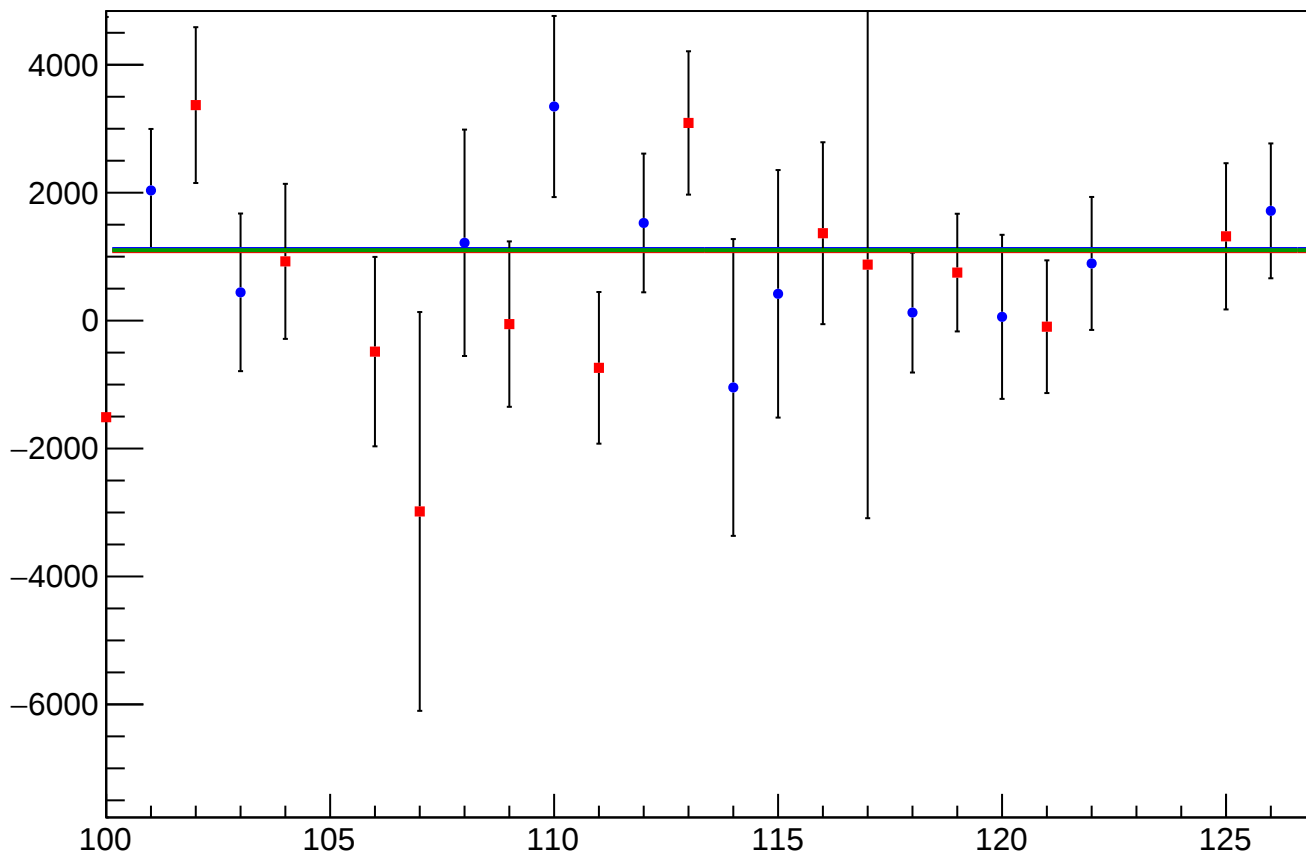
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

429.007+/-0.156 χ^2/NDF : 767549.7/10

438.086+/-0.108 χ^2/NDF : 1977053.6/24

446.332+/-0.149 χ^2/NDF : 1203028.9/13

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1119.334+/-366.784 χ^2/NDF : 7.0/10

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

Right Out: 1086.191+/-344.267 χ^2/NDF : 16.3/13

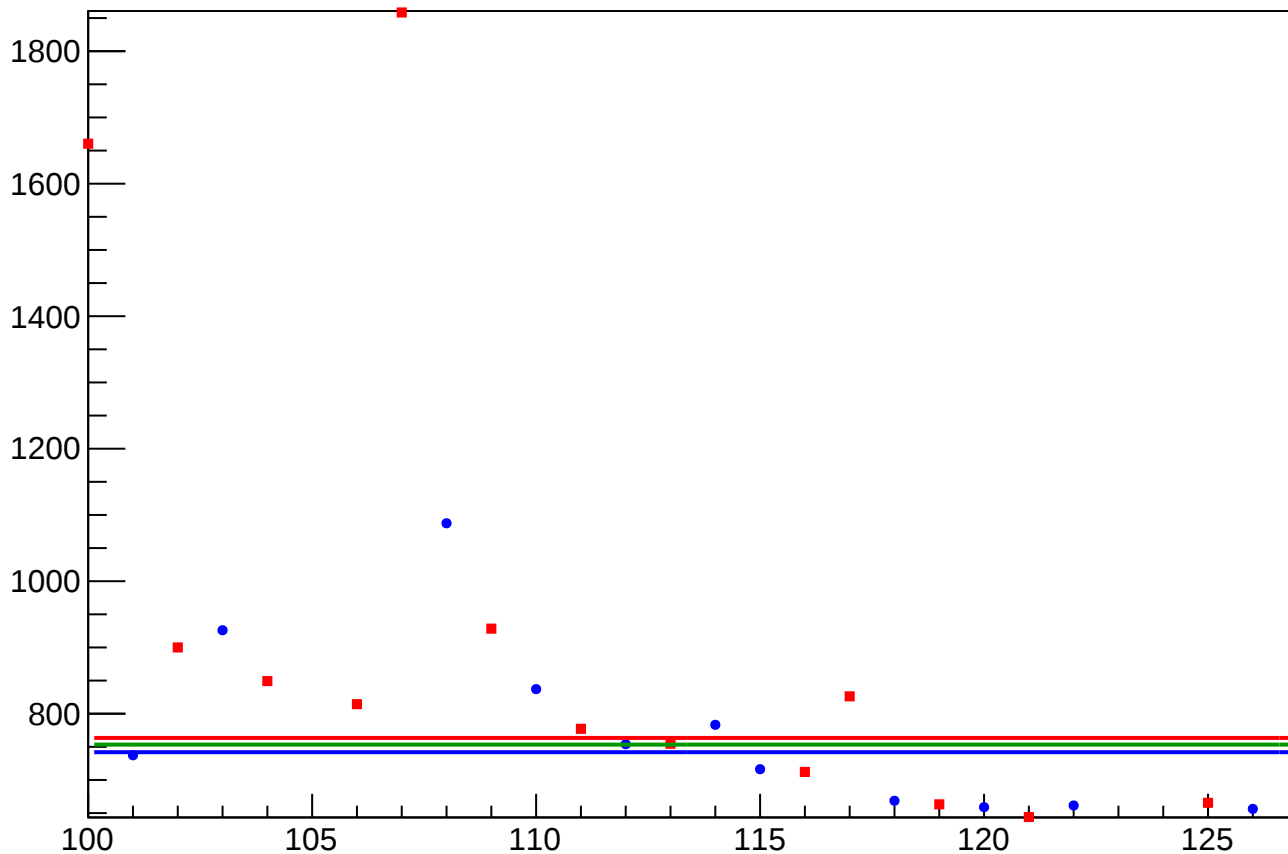
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1119.334+/-366.784 χ^2/NDF : 7.0/10

1101.714+/-251.017 χ^2/NDF : 23.3/24

1086.191+/-344.267 χ^2/NDF : 16.3/13

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 741.879+/-0.259 χ^2/NDF : 176966.6/10

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

Right Out: 763.442+/-0.243 χ^2/NDF : 441417.2/13

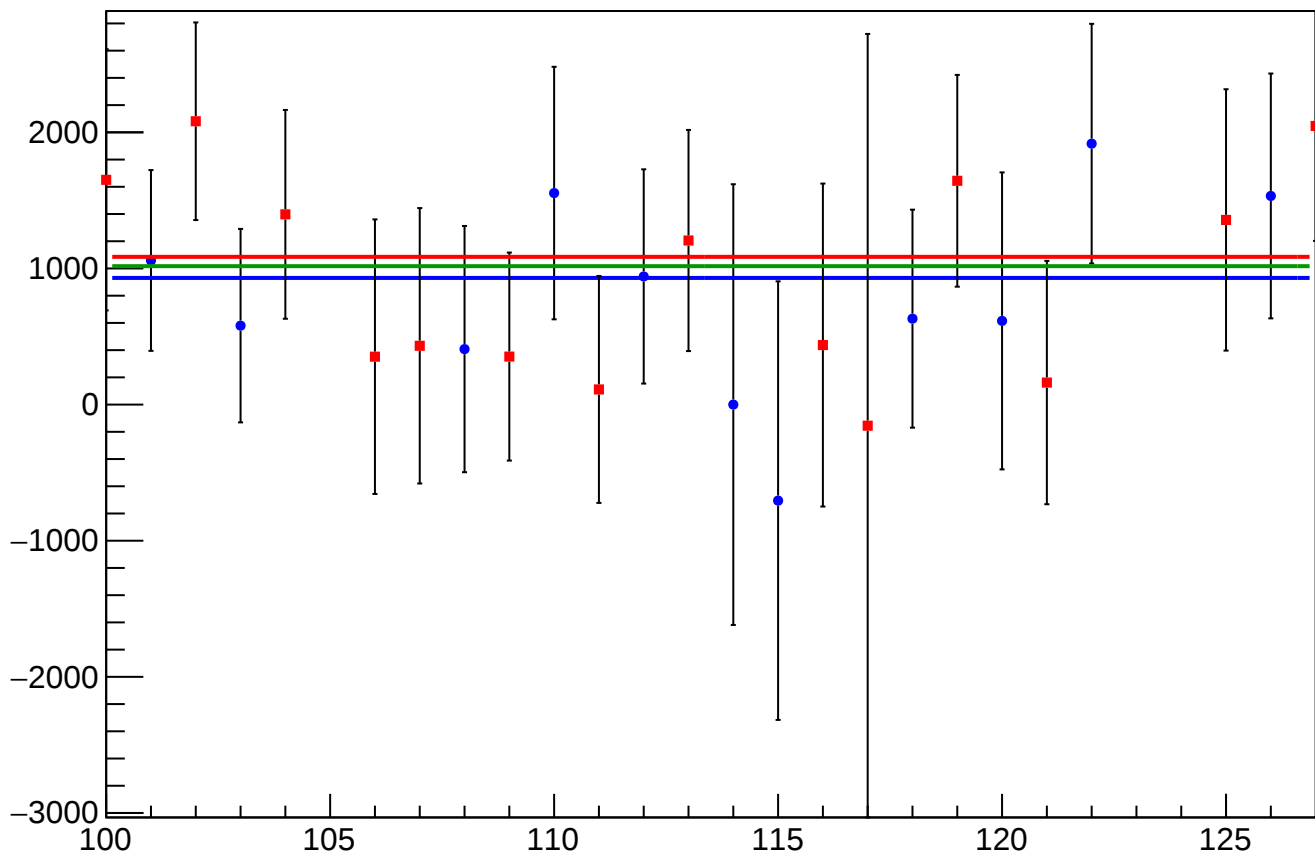
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

741.879+/-0.259 χ^2/NDF : 176966.6/10

753.343+/-0.177 χ^2/NDF : 622058.7/24

763.442+/-0.243 χ^2/NDF : 441417.2/13

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 930.483+/-267.829 χ^2/NDF : 4.4/10

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

Right Out: 1085.460+/-238.802 χ^2/NDF : 9.1/13

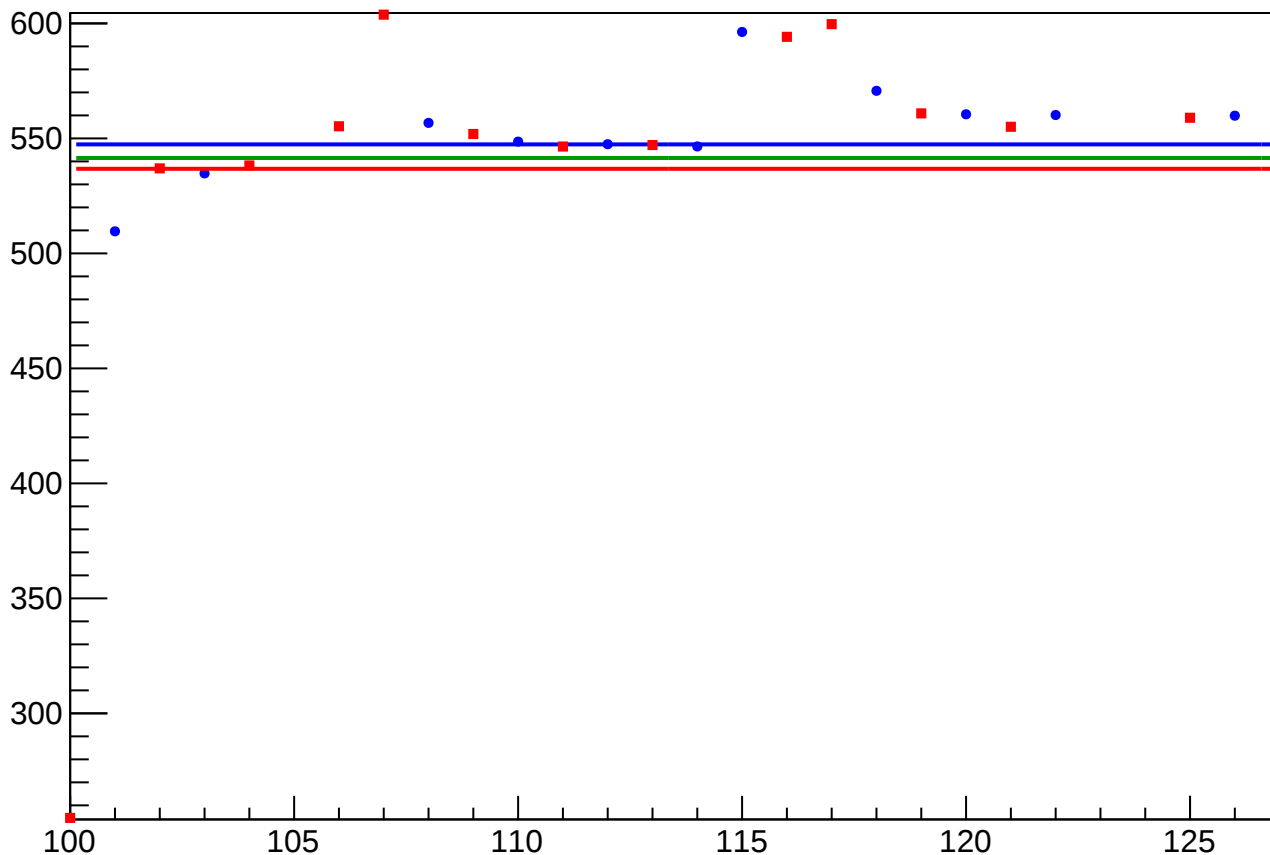
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

930.483+/-267.829 χ^2/NDF : 4.4/10

1016.821+/-178.241 χ^2/NDF : 13.6/24

1085.460+/-238.802 χ^2/NDF : 9.1/13

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 547.399+/-0.189 χ^2/NDF : 11956.2/10

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

Right Out: 536.792+/-0.169 χ^2/NDF : 194627.9/13

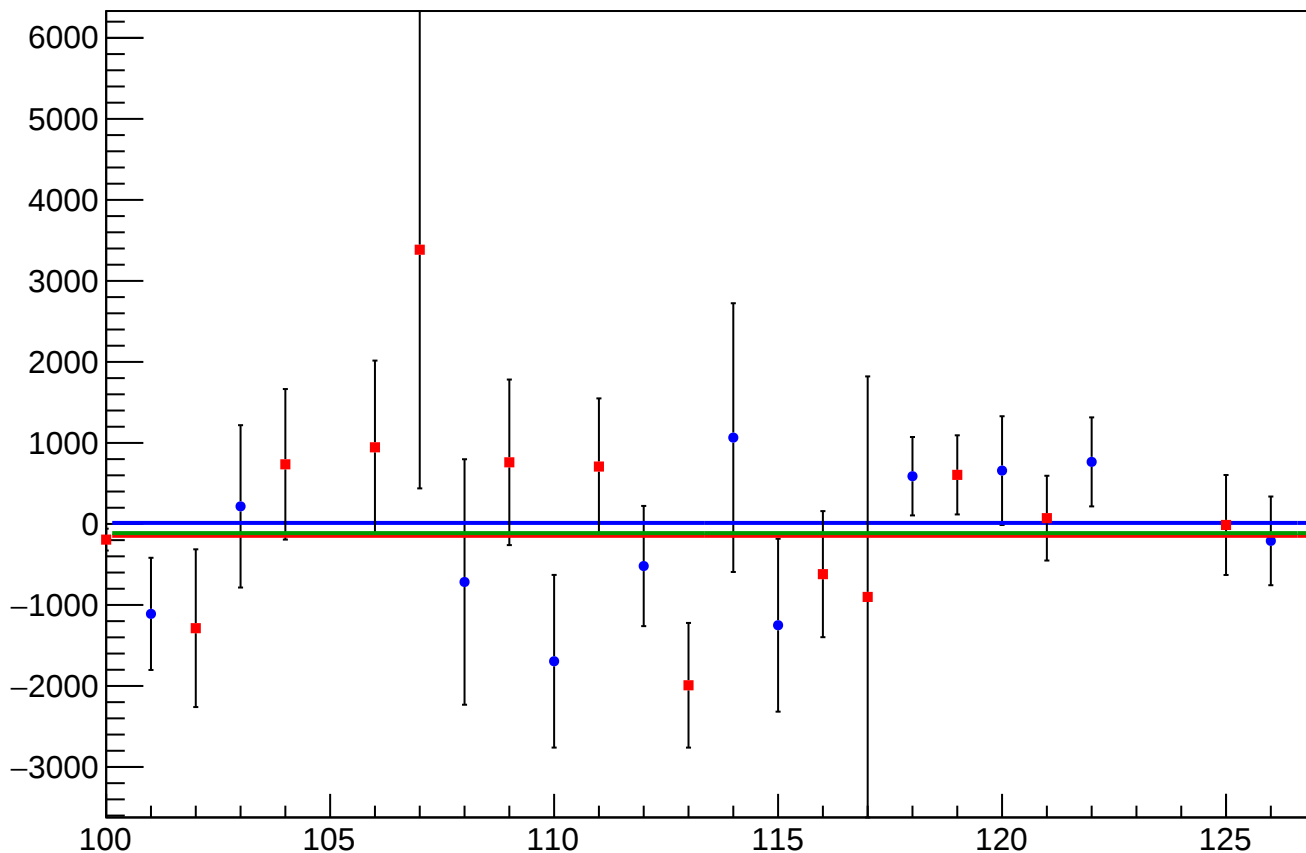
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

547.399+/-0.189 χ^2/NDF : 11956.2/10

541.490+/-0.126 χ^2/NDF : 208331.5/24

536.792+/-0.169 χ^2/NDF : 194627.9/13

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 12.655+/-220.336 χ^2/NDF : 12.2/10

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

Right Out: -146.660+/-113.572 χ^2/NDF : 15.8/13

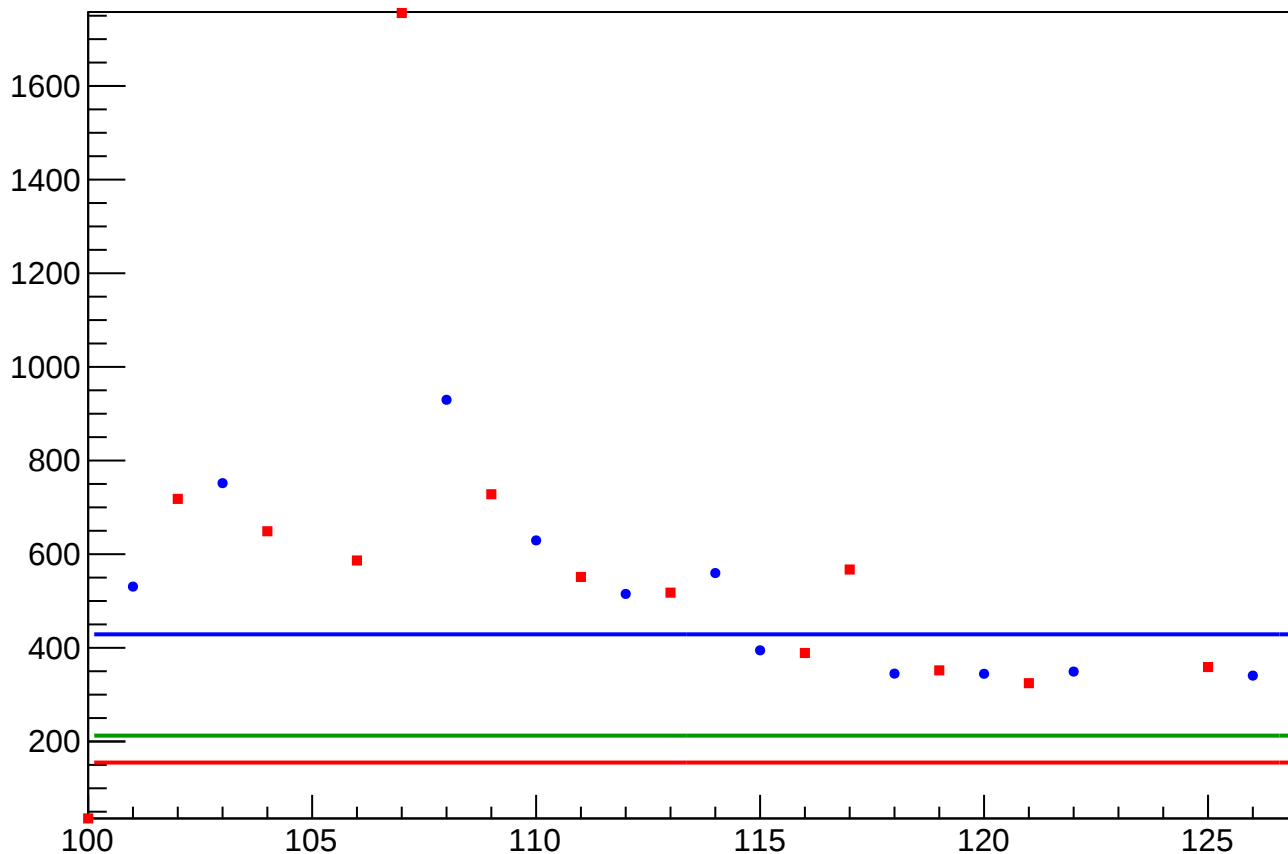
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.655+/-220.336 χ^2/NDF : 12.2/10

-113.217+/-100.950 χ^2/NDF : 28.4/24

-146.660+/-113.572 χ^2/NDF : 15.8/13

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 428.842+/-0.156 χ^2/NDF : 767530.0/10

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

Right Out: 154.988+/-0.080 χ^2/NDF : 6506204.8/13

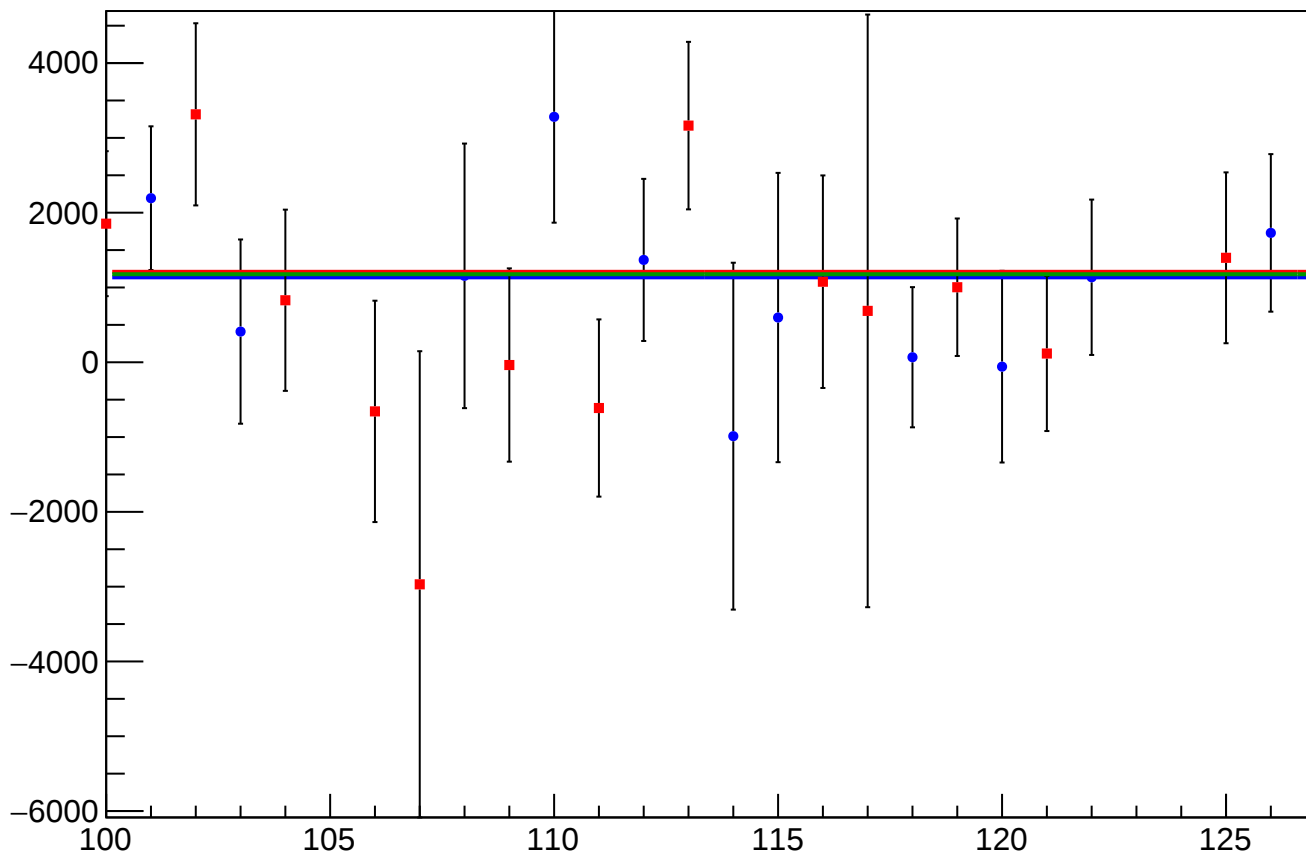
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

428.842+/-0.156 χ^2/NDF : 767530.0/10

212.474+/-0.071 χ^2/NDF : 9714753.5/24

154.988+/-0.080 χ^2/NDF : 6506204.8/13

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1135.507 $\pm$ 366.542 χ^2 /NDF: 7.3/10

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

Right Out: 1209.361 $\pm$ 324.643 χ^2 /NDF: 15.8/13

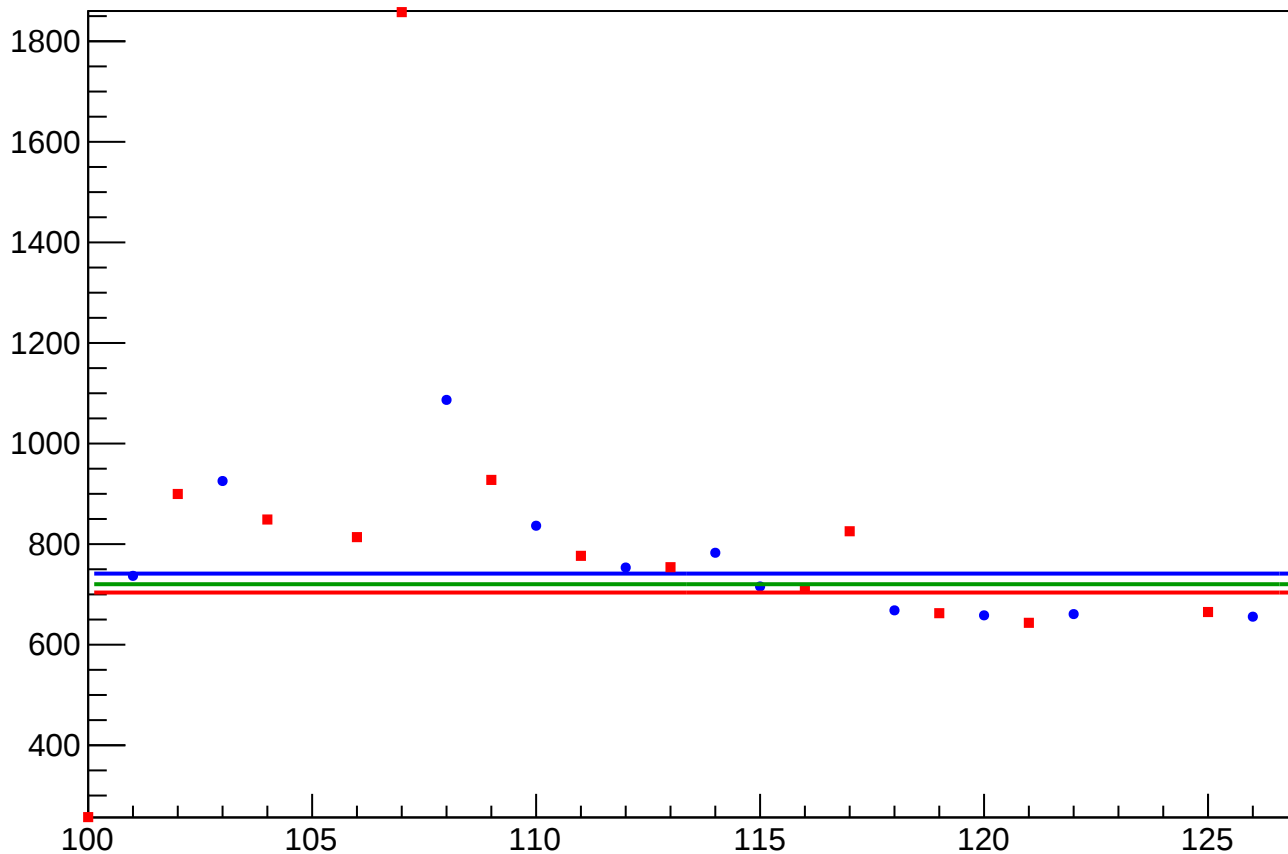
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1135.507 $\pm$ 366.542 χ^2 /NDF: 7.3/10

1176.895 $\pm$ 243.027 χ^2 /NDF: 23.1/24

1209.361 $\pm$ 324.643 χ^2 /NDF: 15.8/13

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 741.385 $\pm$ 0.259 χ^2 /NDF: 177140.0/10

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

Right Out: 703.724 $\pm$ 0.230 χ^2 /NDF: 879070.8/13

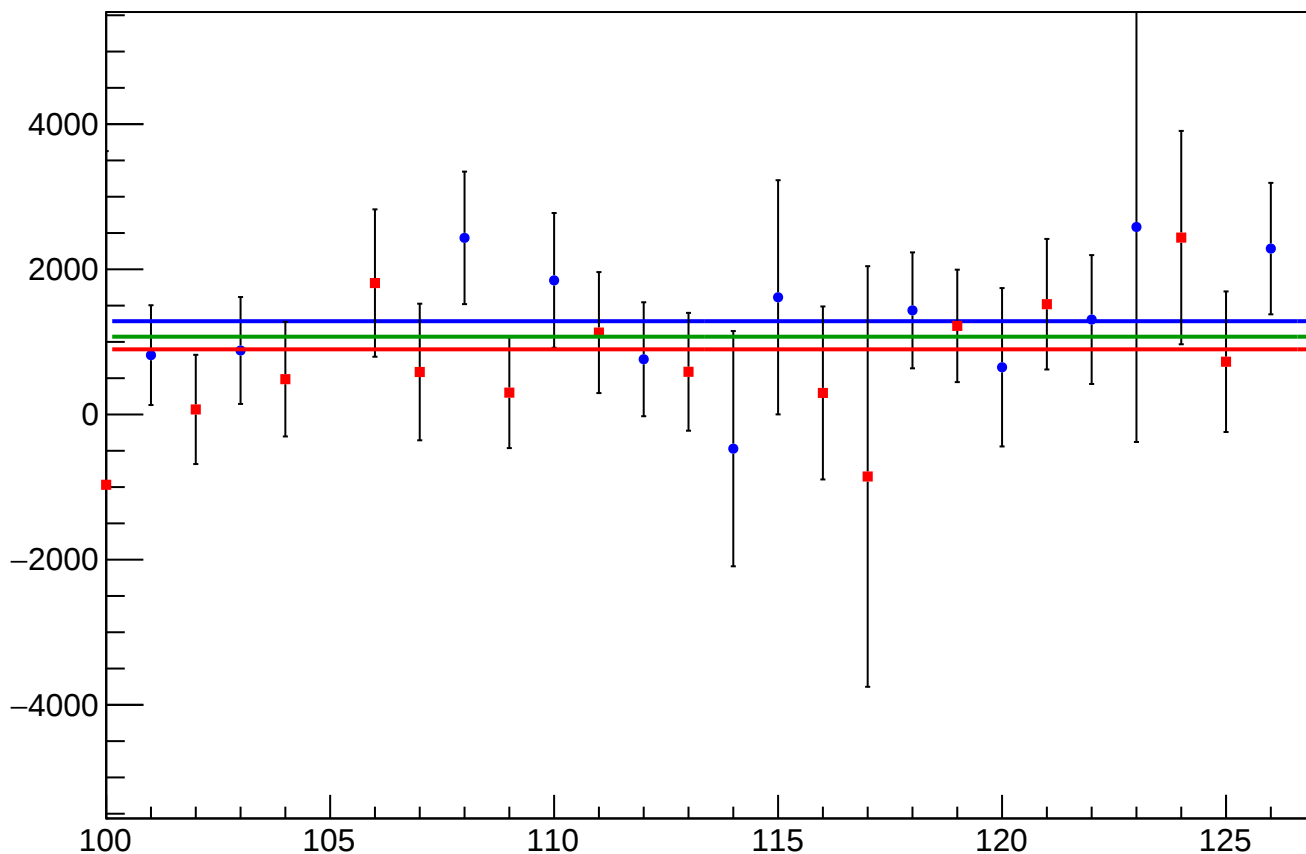
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

741.385 $\pm$ 0.259 χ^2 /NDF: 177140.0/10

720.280 $\pm$ 0.172 χ^2 /NDF: 1068042.7/24

703.724 $\pm$ 0.230 χ^2 /NDF: 879070.8/13

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1285.363+/-269.984 χ^2/NDF : 6.2/11

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

Right Out: 897.554+/-243.815 χ^2/NDF : 7.7/14

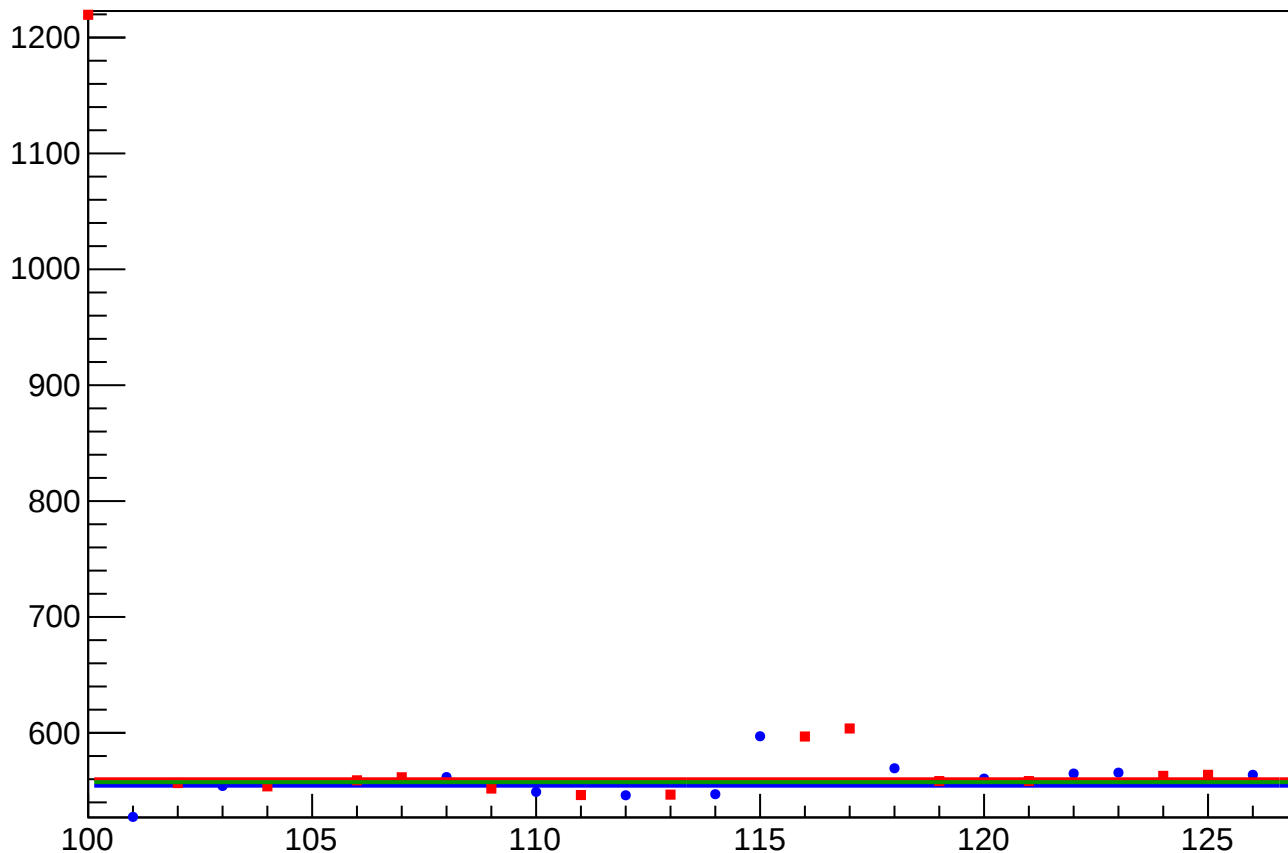
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1285.363+/-269.984 χ^2/NDF : 6.2/11

1071.758+/-180.950 χ^2/NDF : 15.0/26

897.554+/-243.815 χ^2/NDF : 7.7/14

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 554.422 $\pm$ 0.191 χ^2/NDF : 6221.5/11

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

Right Out: 559.943 $\pm$ 0.172 χ^2/NDF : 45101.3/14

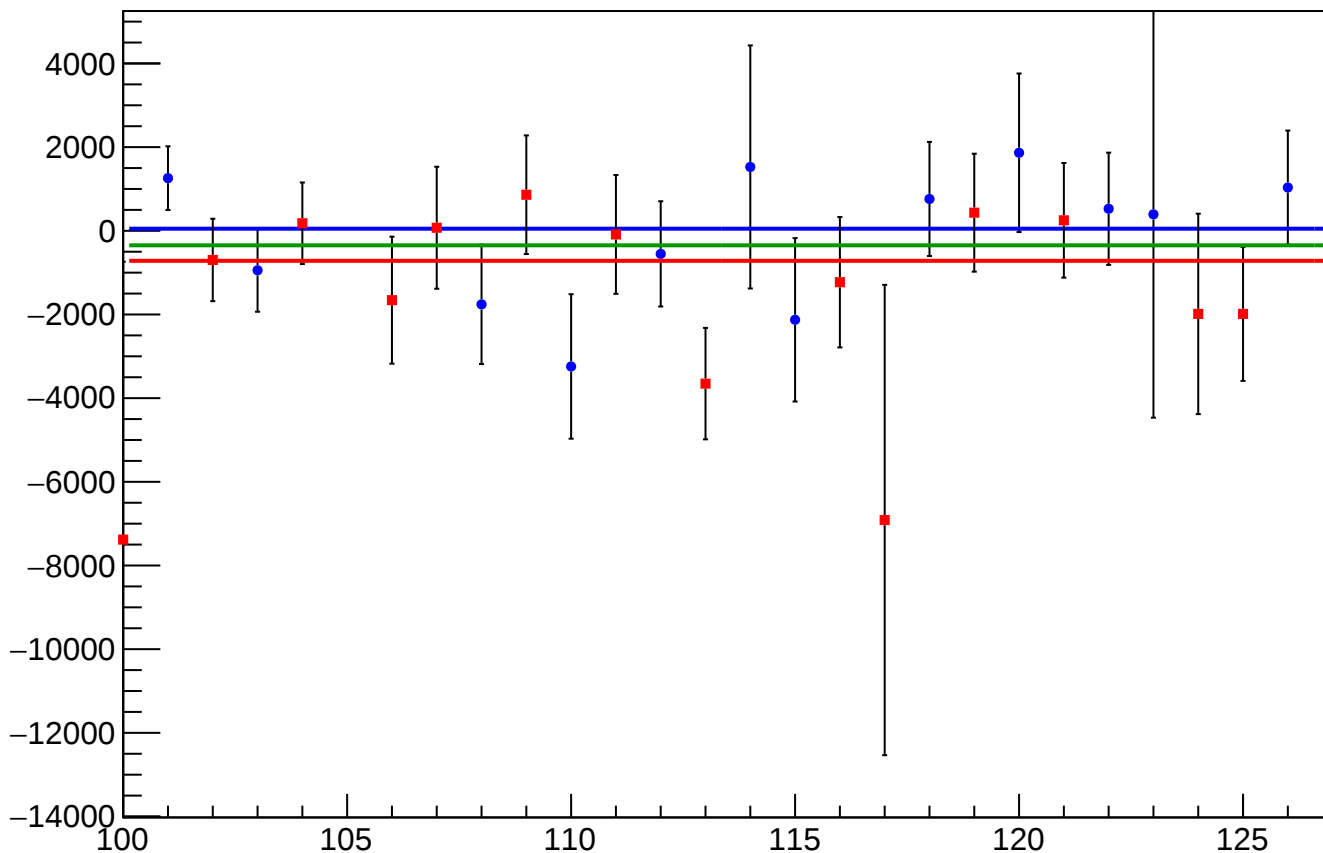
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

554.422 $\pm$ 0.191 χ^2/NDF : 6221.5/11

557.463 $\pm$ 0.128 χ^2/NDF : 51783.4/26

559.943 $\pm$ 0.172 χ^2/NDF : 45101.3/14

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: 50.342+/-391.210 χ^2/NDF : 12.3/11

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

Right Out: -717.442+/-378.194 χ^2/NDF : 12.3/14

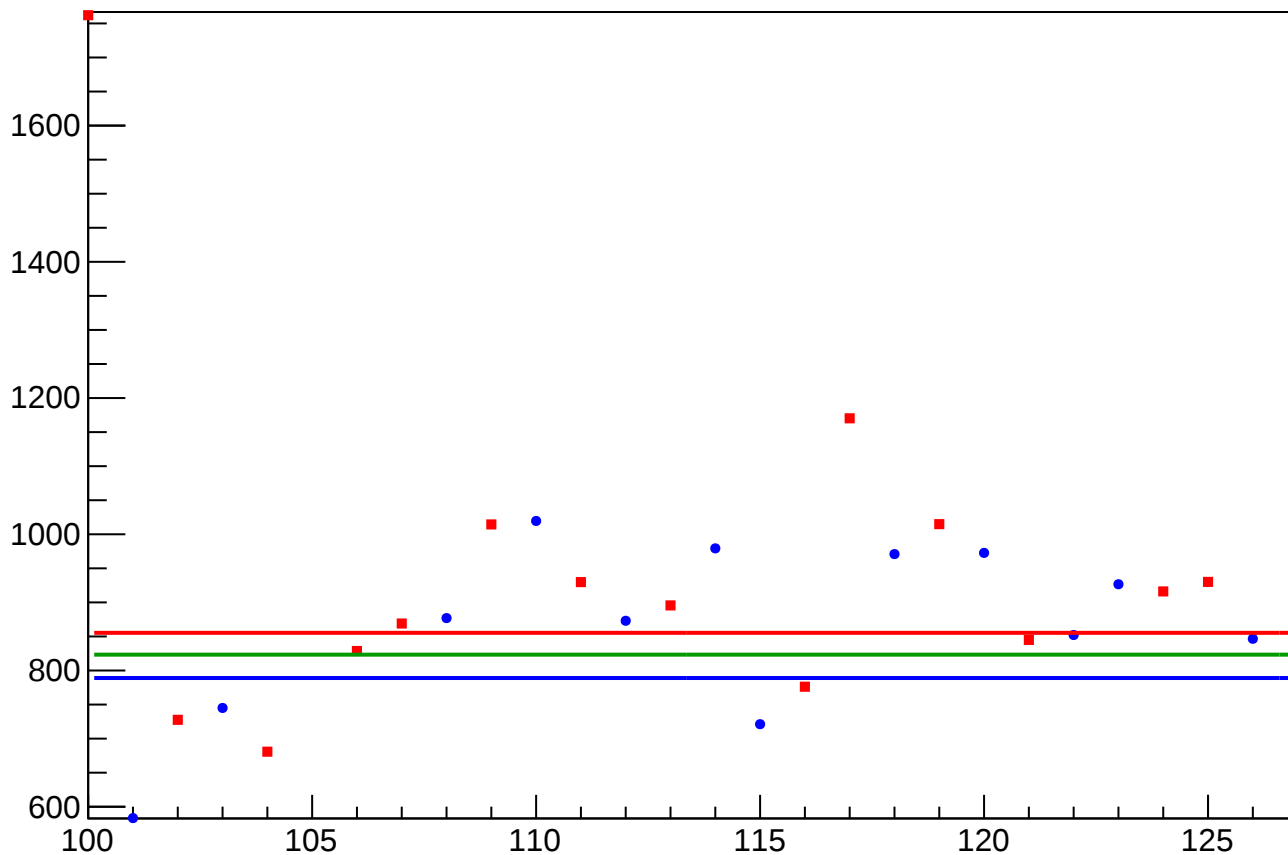
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.342+/-391.210 χ^2/NDF : 12.3/11

-346.535+/-271.908 χ^2/NDF : 26.6/26

-717.442+/-378.194 χ^2/NDF : 12.3/14

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 788.993+/-0.277 χ^2/NDF : 276878.2/11

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

Right Out: 855.320+/-0.267 χ^2/NDF : 236129.6/14

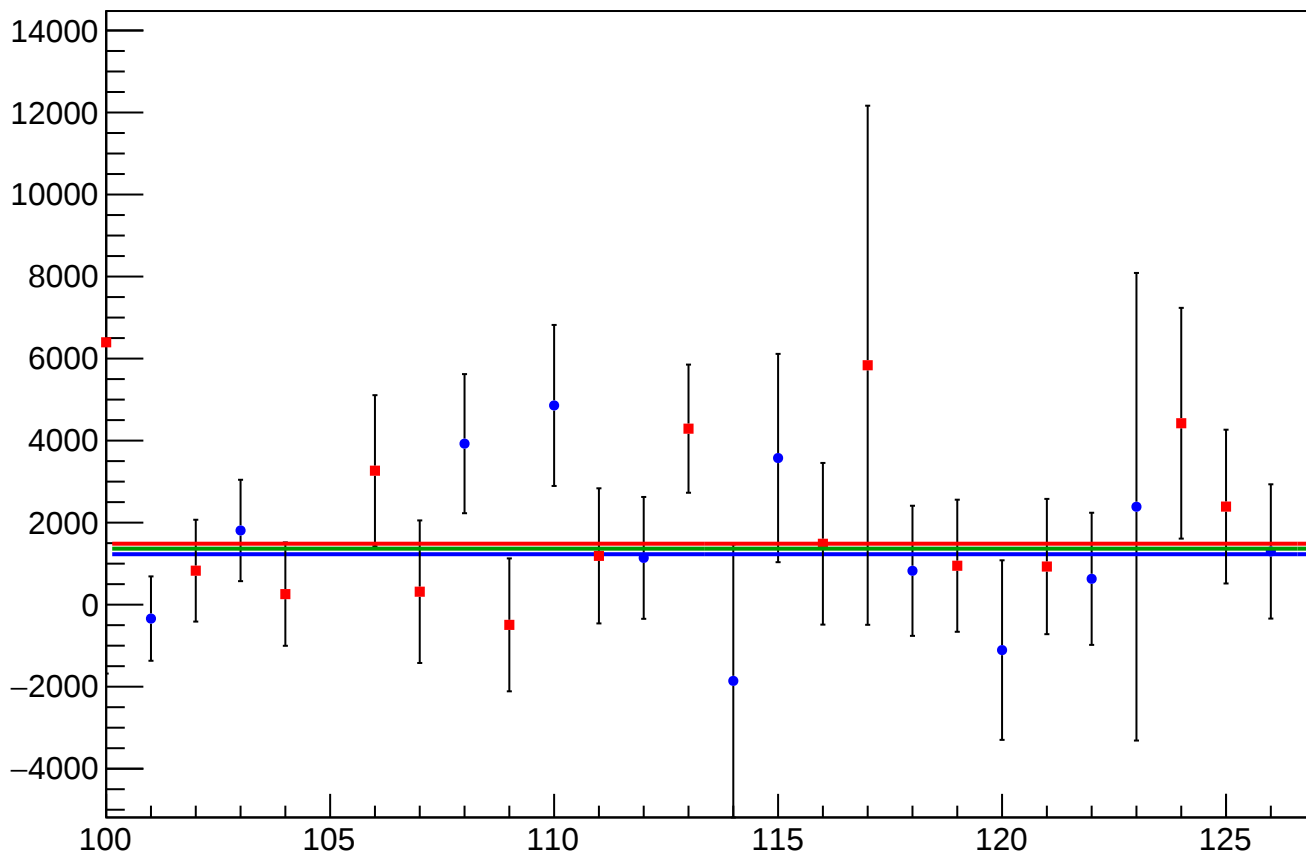
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

788.993+/-0.277 χ^2/NDF : 276878.2/11

823.278+/-0.192 χ^2/NDF : 542724.4/26

855.320+/-0.267 χ^2/NDF : 236129.6/14

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1229.840 $\pm$ 482.207 χ^2 /NDF: 11.6/11

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

Right Out: 1486.300 $\pm$ 455.833 χ^2 /NDF: 10.3/14

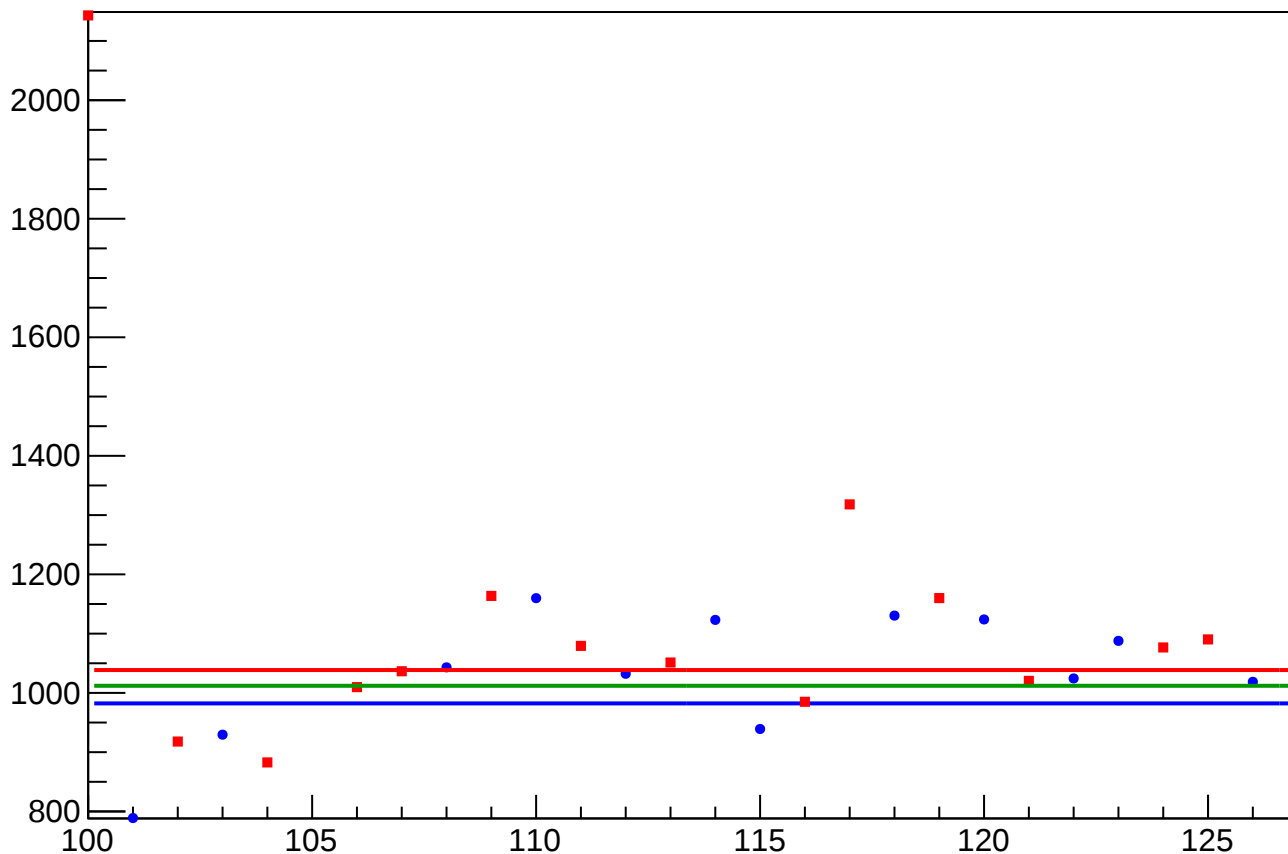
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1229.840 $\pm$ 482.207 χ^2 /NDF: 11.6/11

1365.275 $\pm$ 331.254 χ^2 /NDF: 22.0/26

1486.300 $\pm$ 455.833 χ^2 /NDF: 10.3/14

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 982.293+/-0.341 χ^2/NDF : 128564.2/11

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

Right Out: 1038.579+/-0.322 χ^2/NDF : 135559.9/14

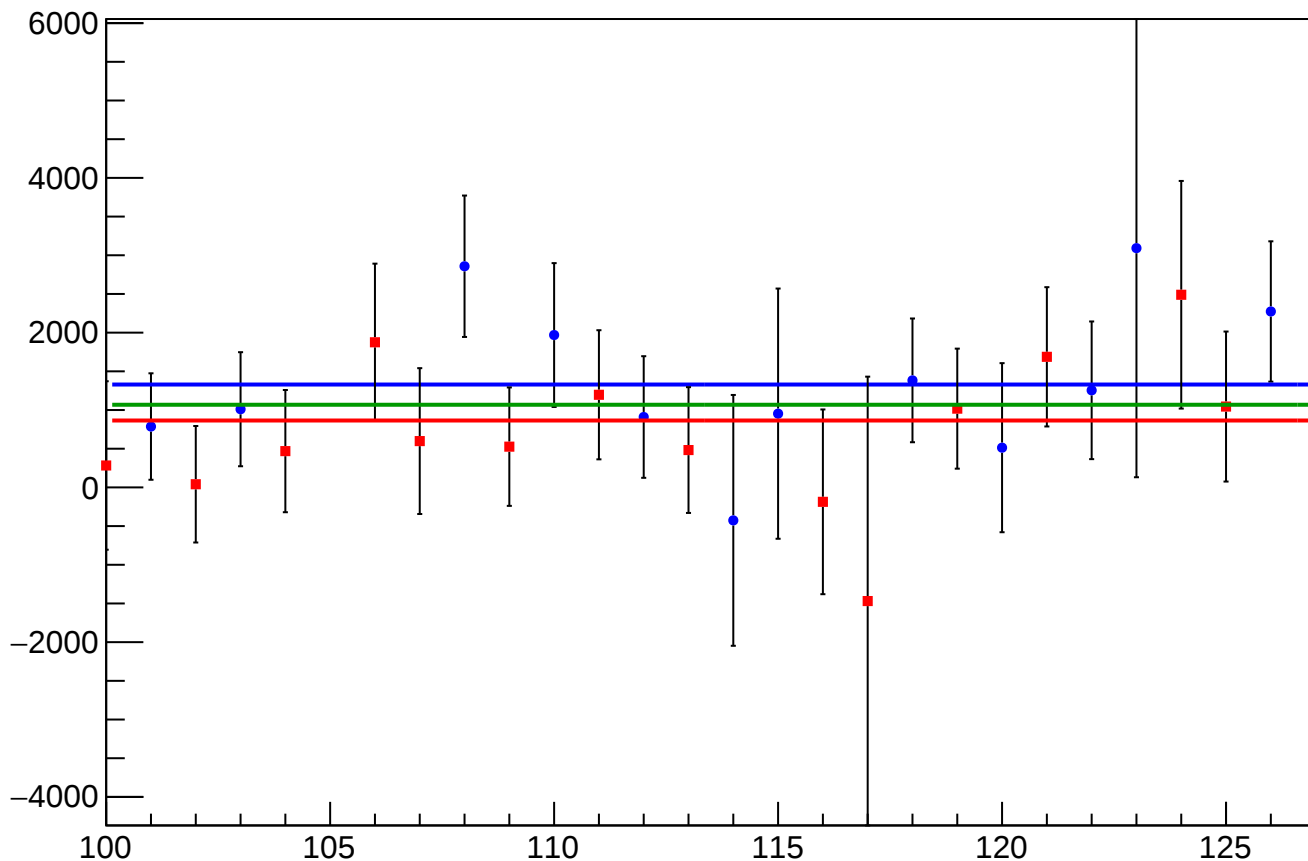
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

982.293+/-0.341 χ^2/NDF : 128564.2/11

1012.017+/-0.234 χ^2/NDF : 278514.6/26

1038.579+/-0.322 χ^2/NDF : 135559.9/14

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1329.435 $\pm$ 270.295 χ^2 /NDF: 7.6/11

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

Right Out: 864.522 $\pm$ 238.510 χ^2 /NDF: 8.3/14

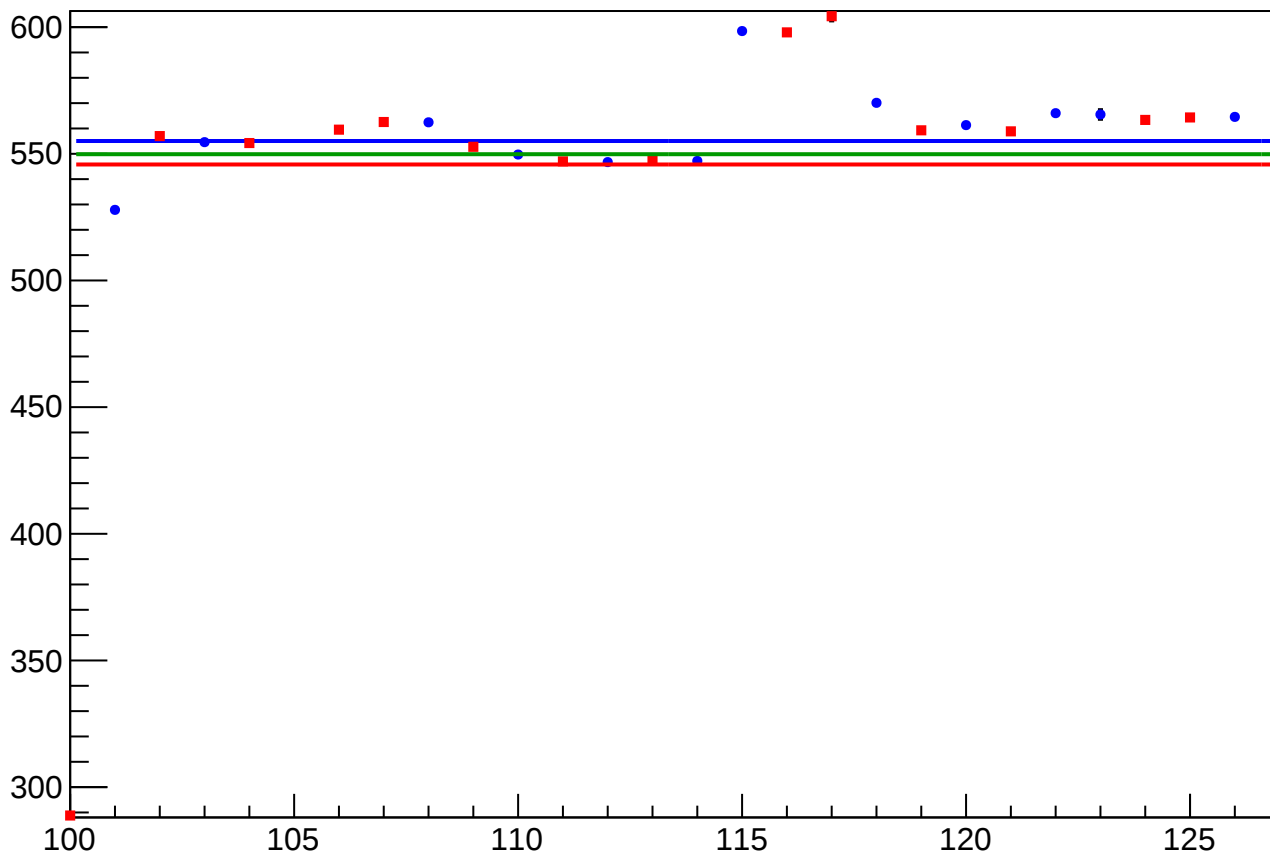
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1329.435 $\pm$ 270.295 χ^2 /NDF: 7.6/11

1068.048 $\pm$ 178.839 χ^2 /NDF: 17.6/26

864.522 $\pm$ 238.510 χ^2 /NDF: 8.3/14

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 555.055+/-0.191 χ^2/NDF : 6359.8/11

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

Right Out: 545.786+/-0.169 χ^2/NDF : 120929.4/14

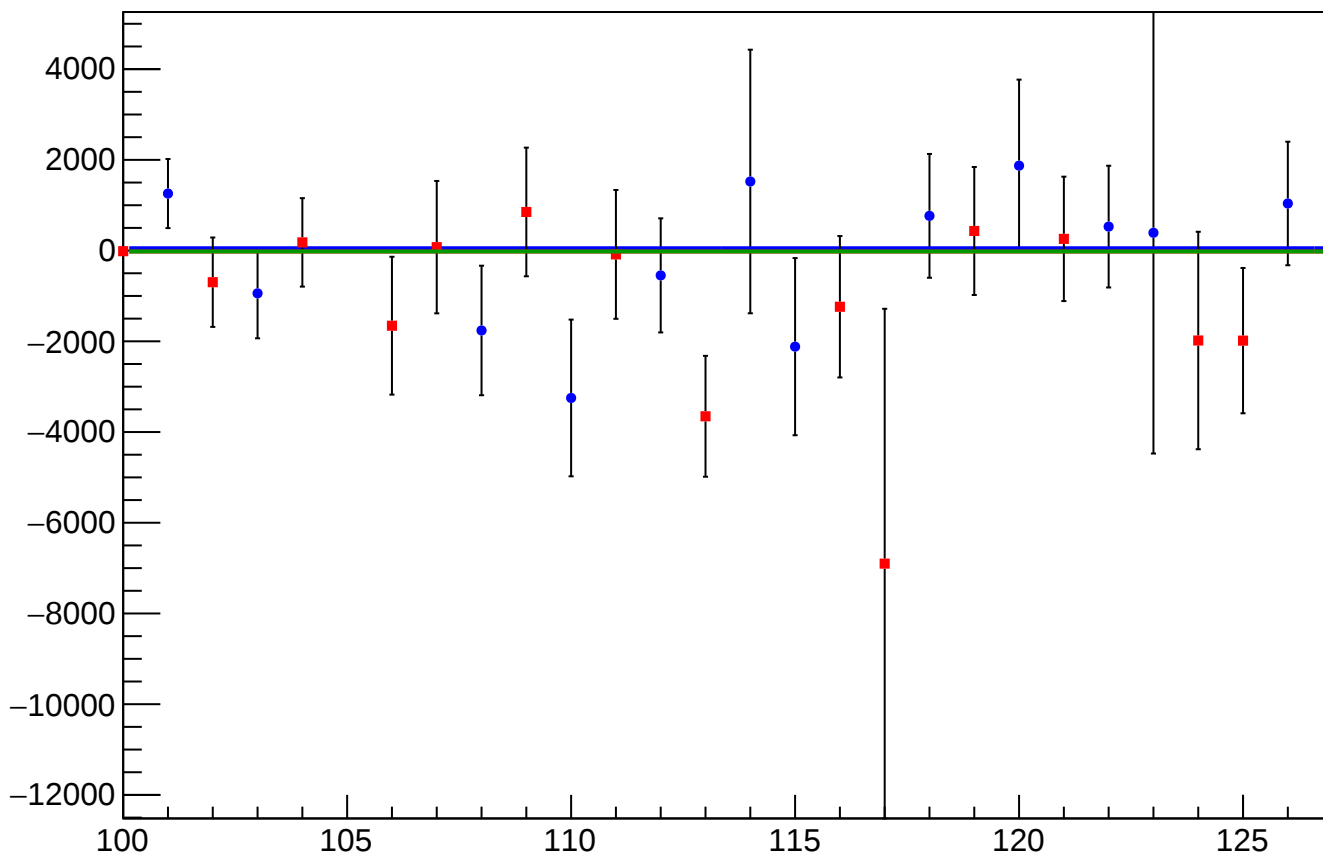
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

555.055+/-0.191 χ^2/NDF : 6359.8/11

549.844+/-0.126 χ^2/NDF : 128611.3/26

545.786+/-0.169 χ^2/NDF : 120929.4/14

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: 51.546+/-391.321 χ^2 /NDF: 12.3/11

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

Right Out: -20.239+/-39.015 χ^2 /NDF: 14.5/14

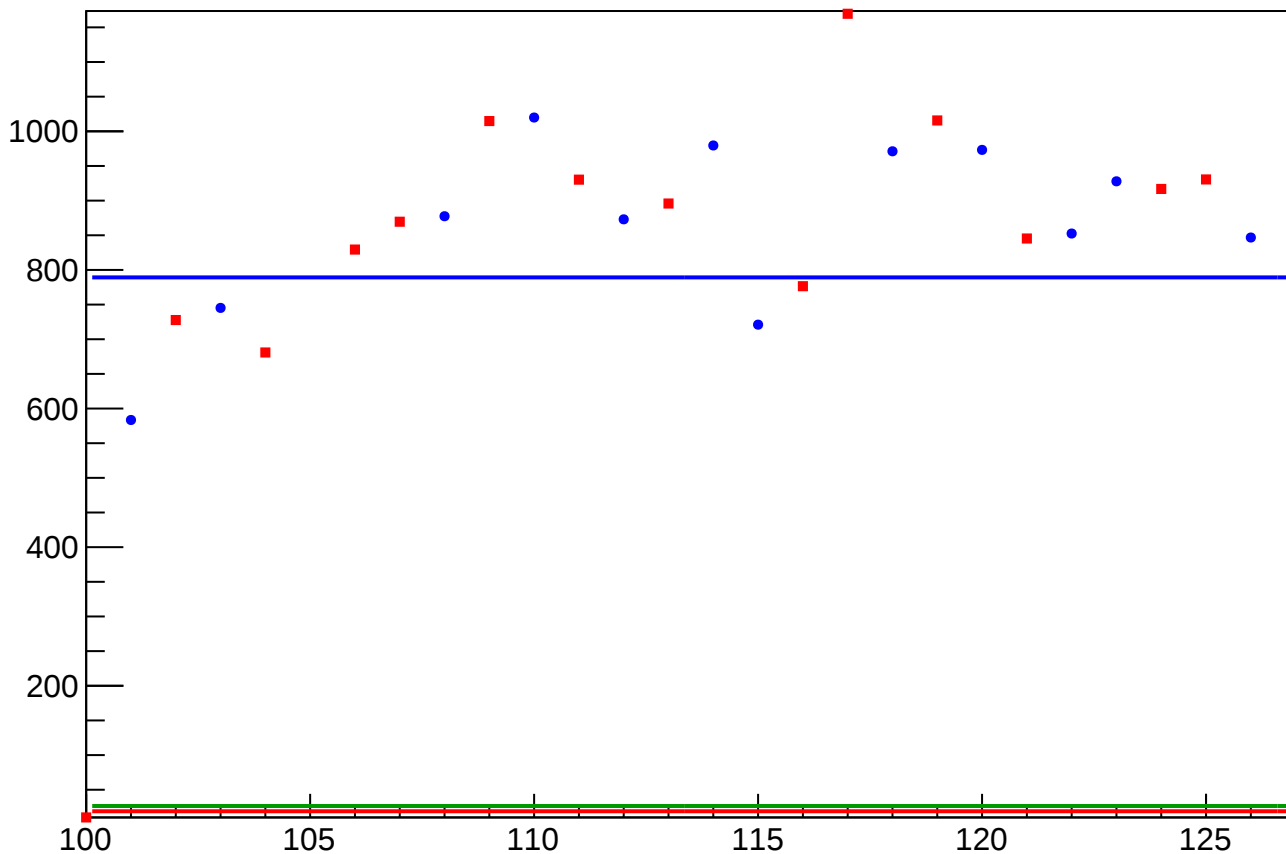
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

51.546+/-391.321 χ^2 /NDF: 12.3/11

-19.532+/-38.823 χ^2 /NDF: 26.9/26

-20.239+/-39.015 χ^2 /NDF: 14.5/14

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 789.217 $\pm$ 0.277 χ^2 /NDF: 276964.7/11

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

Right Out: 18.975 $\pm$ 0.028 χ^2 /NDF: 9983161.9/14

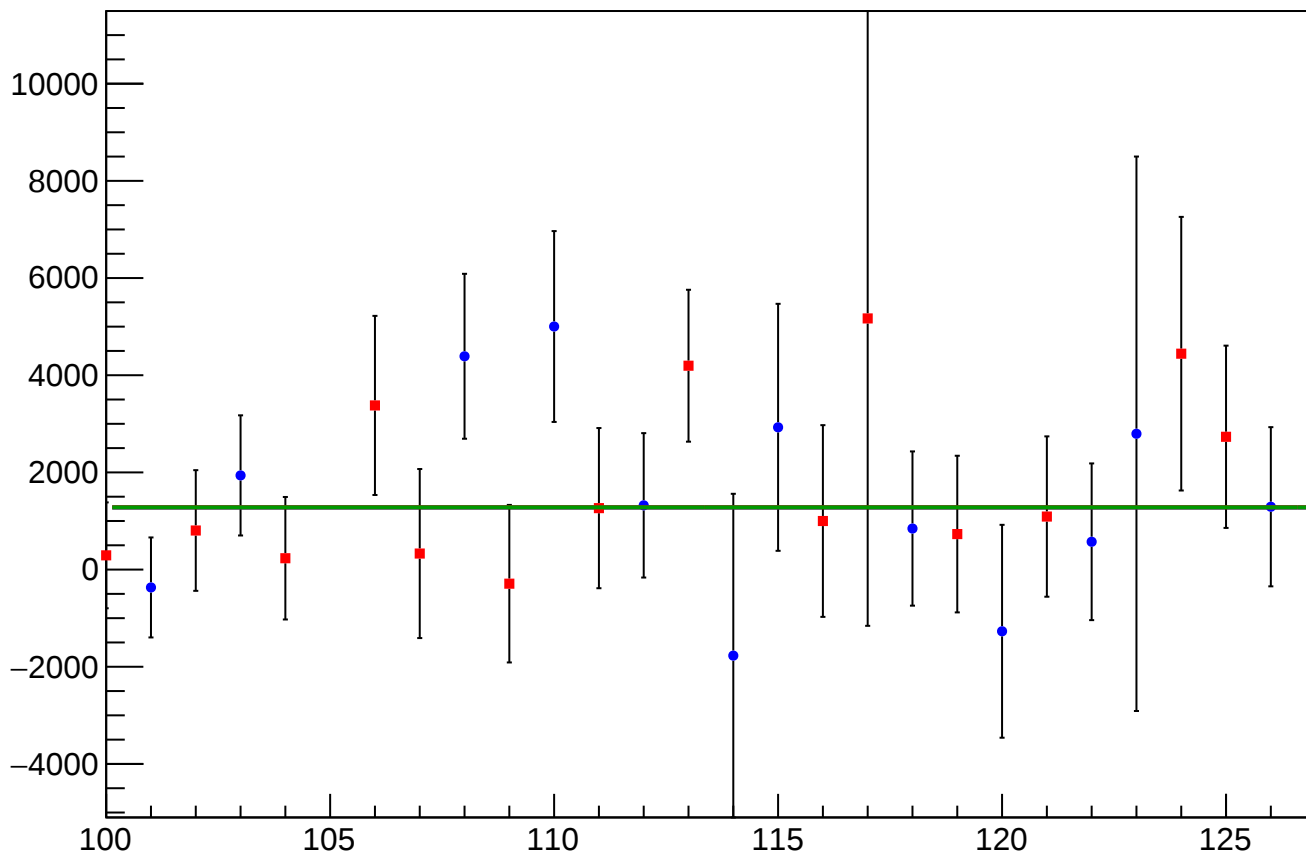
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

789.217 $\pm$ 0.277 χ^2 /NDF: 276964.7/11

26.556 $\pm$ 0.027 χ^2 /NDF: 17932341.9/26

18.975 $\pm$ 0.028 χ^2 /NDF: 9983161.9/14

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1278.563+/-482.477 χ^2/NDF : 12.8/11

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

Right Out: 1282.134+/-421.294 χ^2/NDF : 10.5/14

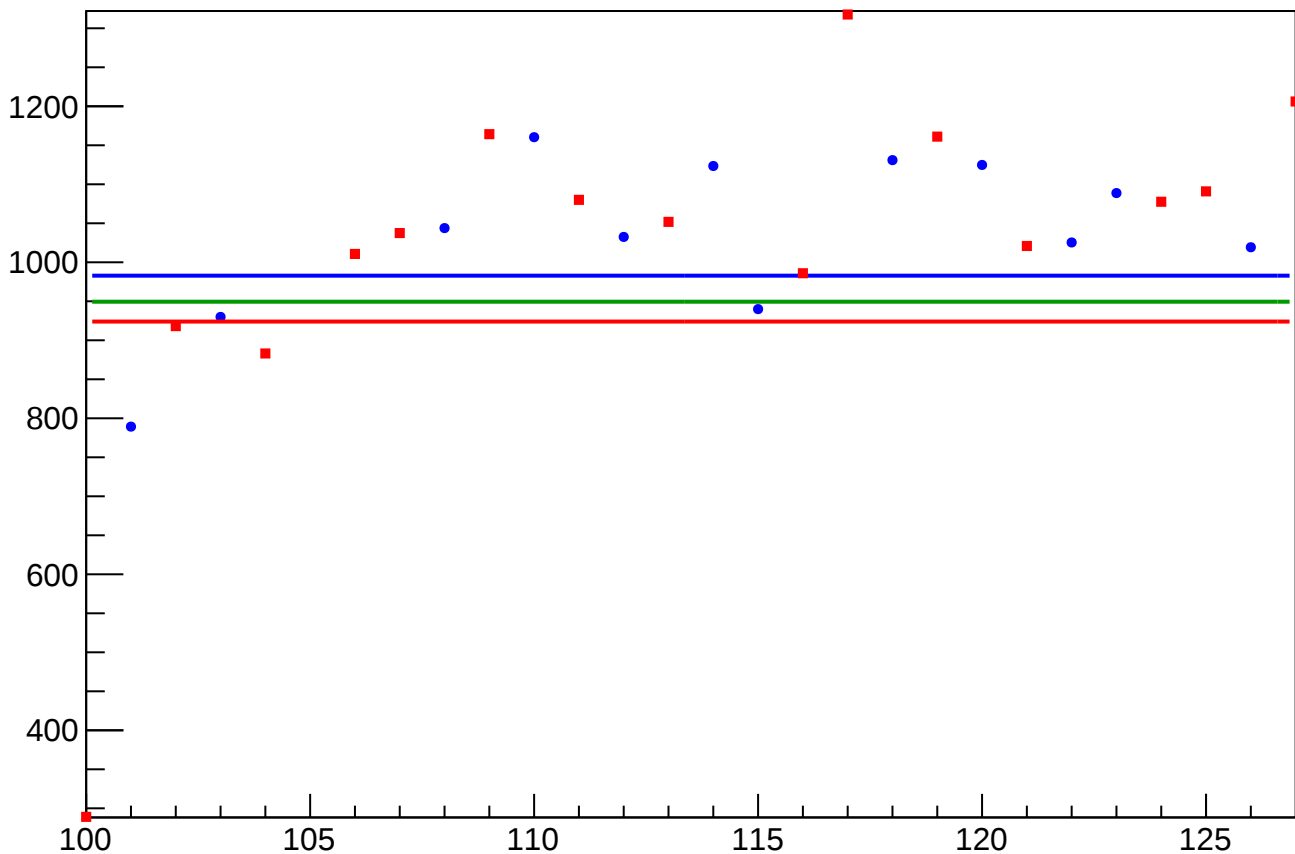
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1278.563+/-482.477 χ^2/NDF : 12.8/11

1280.590+/-317.340 χ^2/NDF : 23.3/26

1282.134+/-421.294 χ^2/NDF : 10.5/14

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 982.842 $\pm$ 0.341 χ^2 /NDF: 128578.5/11

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

Right Out: 924.017 $\pm$ 0.298 χ^2 /NDF: 897111.8/14

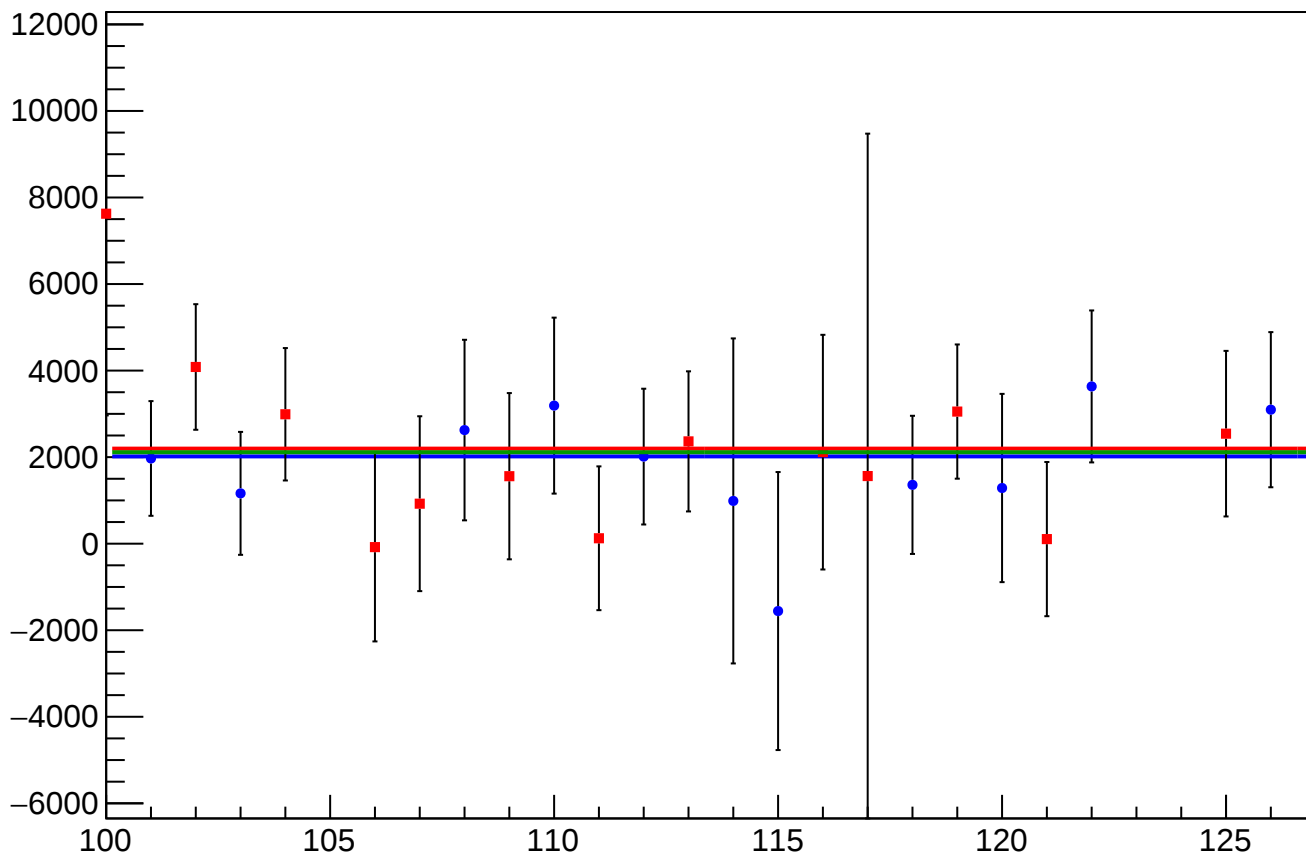
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

982.842 $\pm$ 0.341 χ^2 /NDF: 128578.5/11

949.466 $\pm$ 0.224 χ^2 /NDF: 1042559.3/26

924.017 $\pm$ 0.298 χ^2 /NDF: 897111.8/14

cor_usl_mean vs Slug, Sign Corrected



Right In: 2017.007 +/- 546.353 χ^2/NDF : 3.6/10

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

Right Out: 2196.565 +/- 508.058 χ^2/NDF : 8.7/13

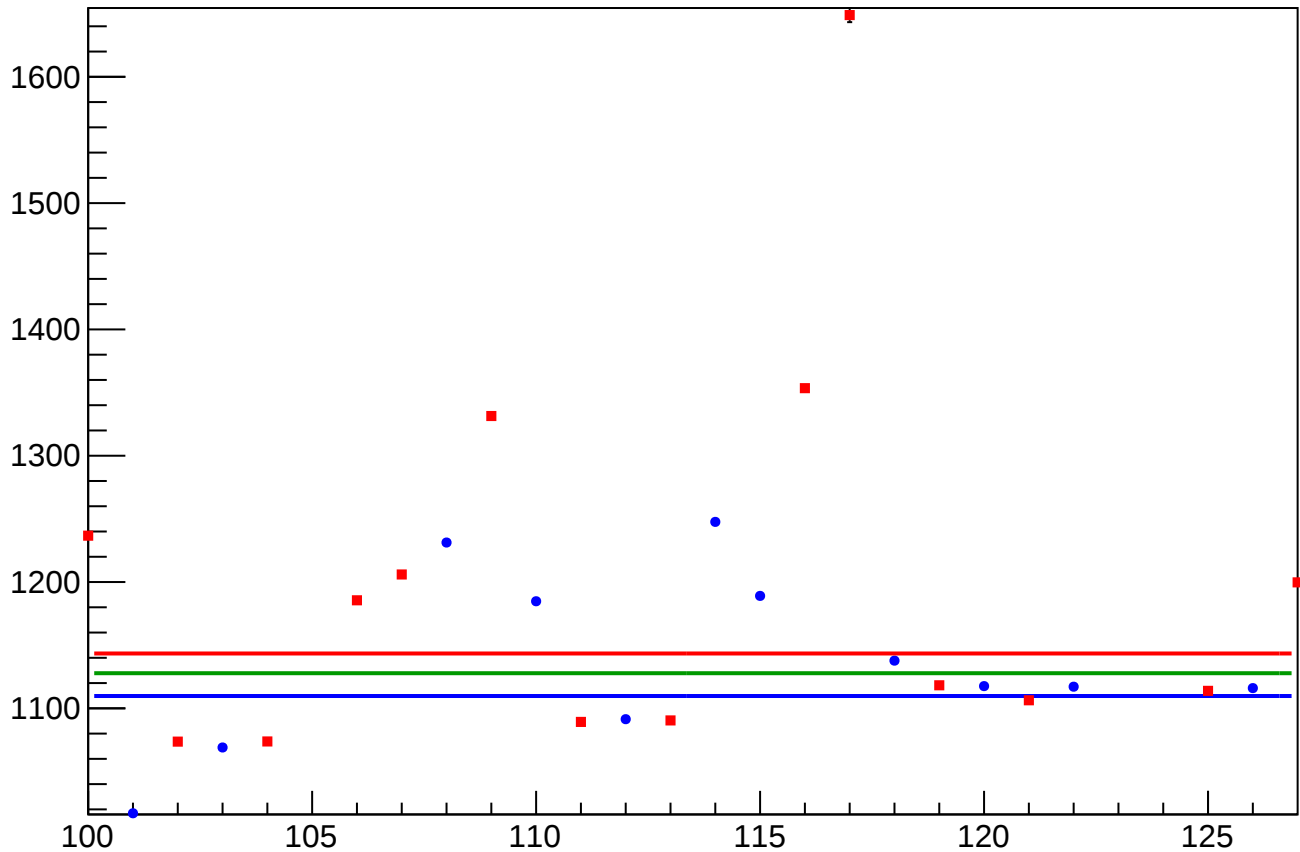
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

2017.007 +/- 546.353 χ^2/NDF : 3.6/10

2113.299 +/- 372.054 χ^2/NDF : 12.4/24

2196.565 +/- 508.058 χ^2/NDF : 8.7/13

cor_usl_rms vs Slug, Sign Corrected



Right In: 1109.757+/-0.386 χ^2/NDF : 25857.7/10

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

Right Out: 1143.425+/-0.359 χ^2/NDF : 59599.5/13

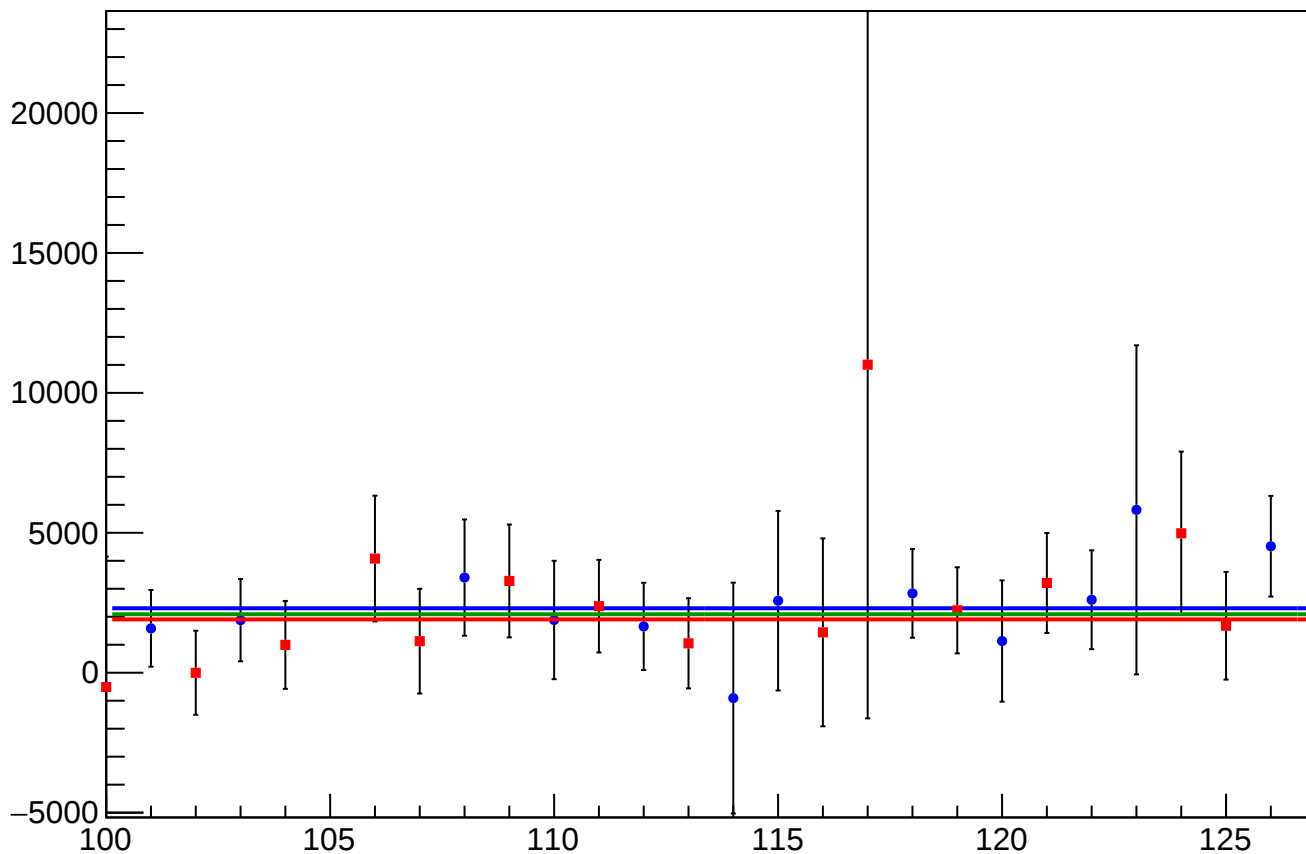
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1109.757+/-0.386 χ^2/NDF : 25857.7/10

1127.812+/-0.263 χ^2/NDF : 89530.2/24

1143.425+/-0.359 χ^2/NDF : 59599.5/13

cor_usr_mean vs Slug, Sign Corrected



Right In: 2303.216 $\pm$ 551.738 χ^2 /NDF: 3.8/11

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

Right Out: 1905.331 $\pm$ 512.256 χ^2 /NDF: 6.4/14

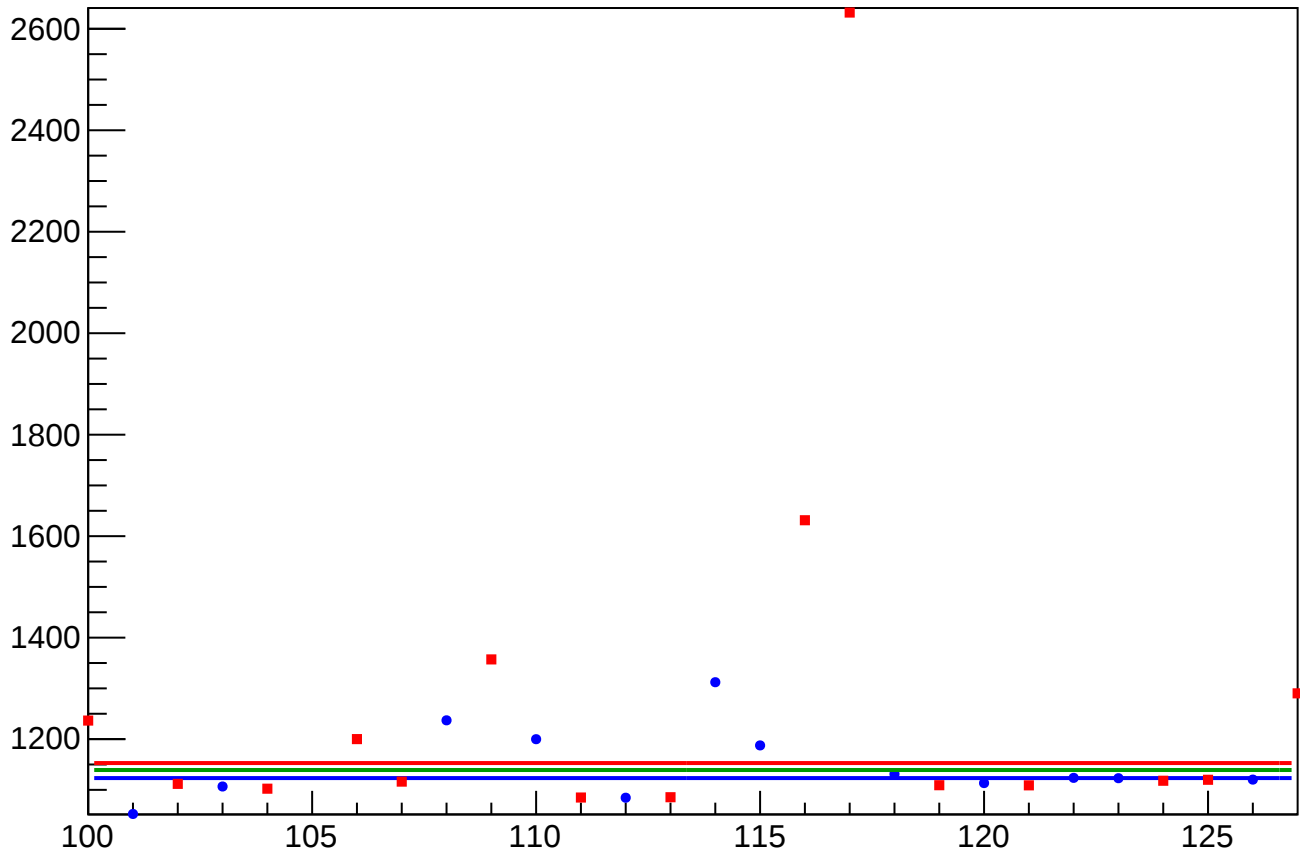
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2303.216 $\pm$ 551.738 χ^2 /NDF: 3.8/11

2089.529 $\pm$ 375.402 χ^2 /NDF: 10.5/26

1905.331 $\pm$ 512.256 χ^2 /NDF: 6.4/14

cor_usr_rms vs Slug, Sign Corrected



Right In: 1123.205 $\pm$ 0.390 χ^2/NDF : 20537.0/11

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

Right Out: 1152.831 $\pm$ 0.362 χ^2/NDF : 113186.3/14

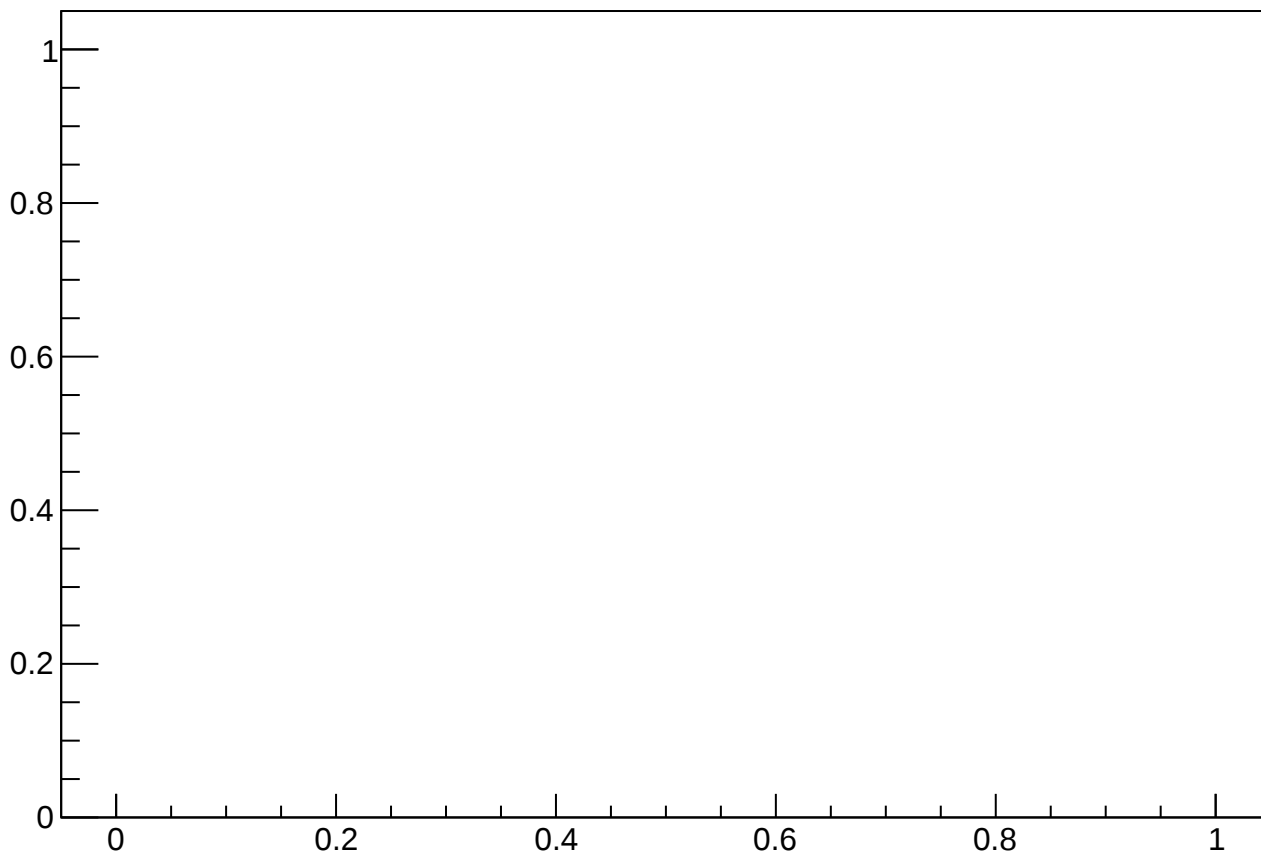
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1123.205 $\pm$ 0.390 χ^2/NDF : 20537.0/11

1139.116 $\pm$ 0.265 χ^2/NDF : 136820.1/26

1152.831 $\pm$ 0.362 χ^2/NDF : 113186.3/14

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

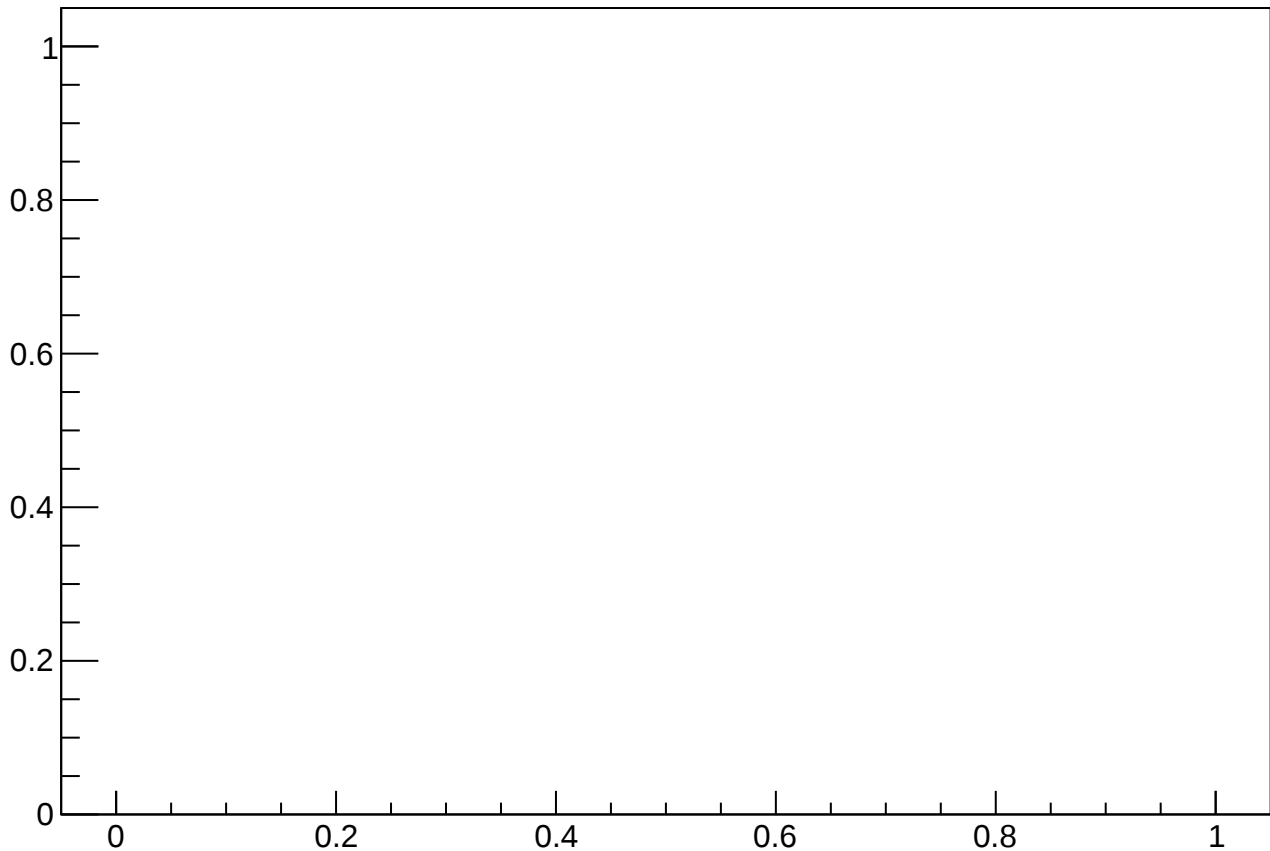
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

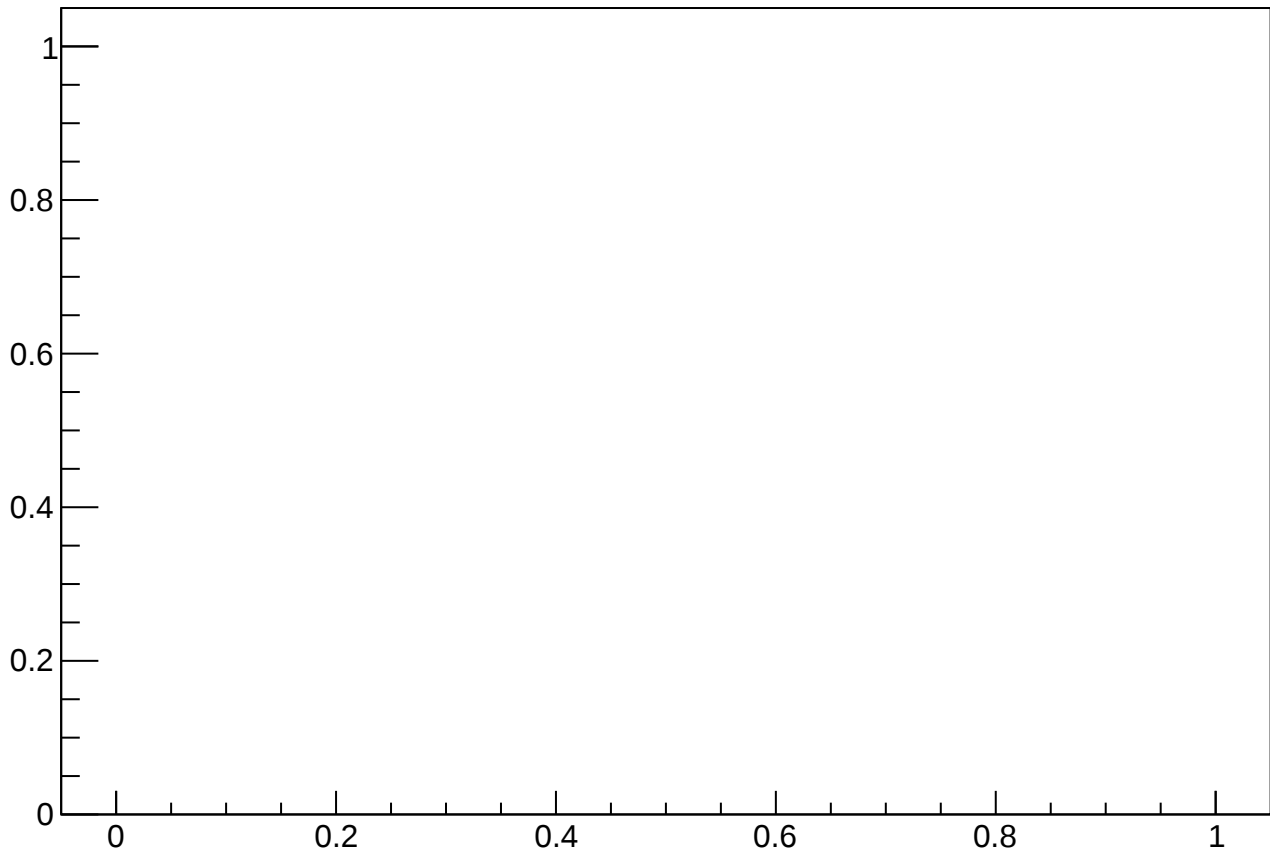
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_dsr_mean vs Slug, Sign Corrected



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

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

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

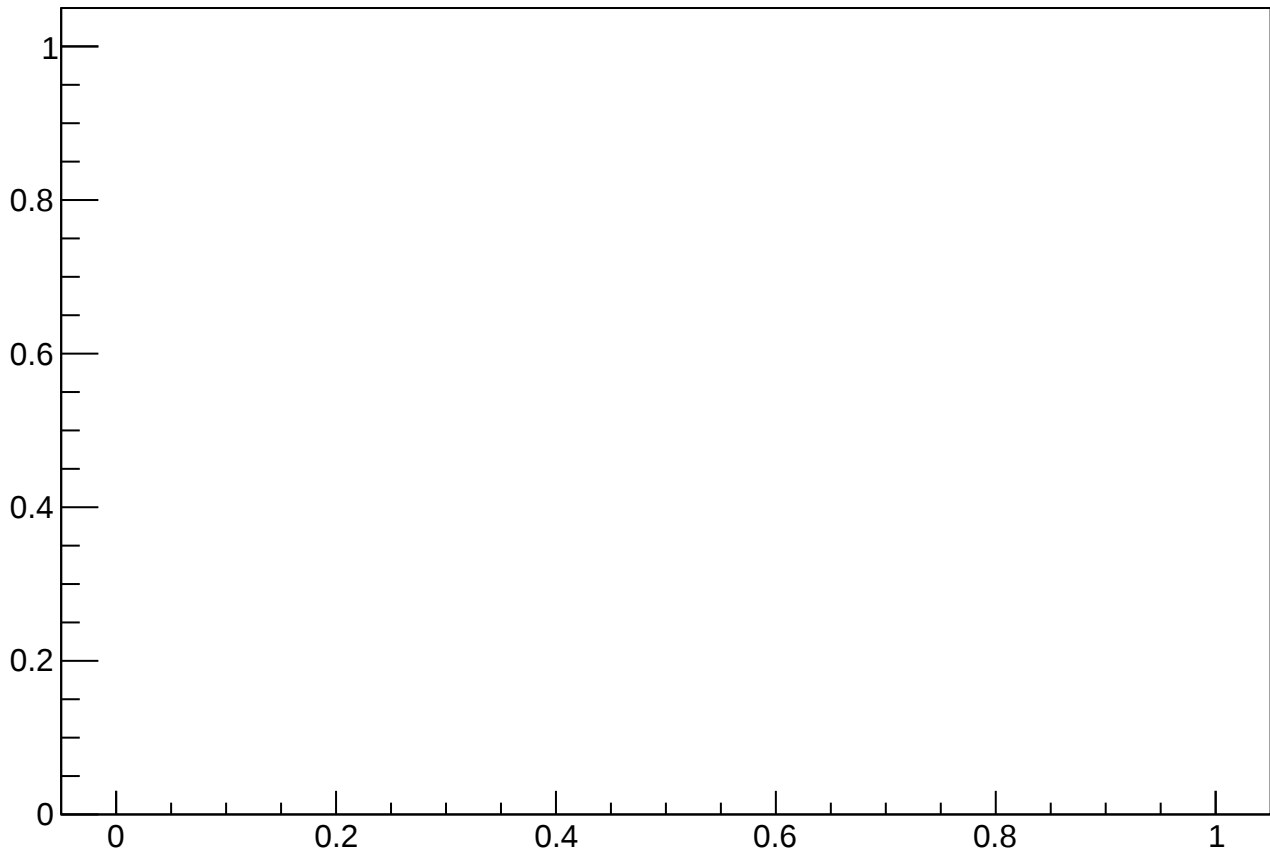
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_rms vs Slug, Sign Corrected



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

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

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

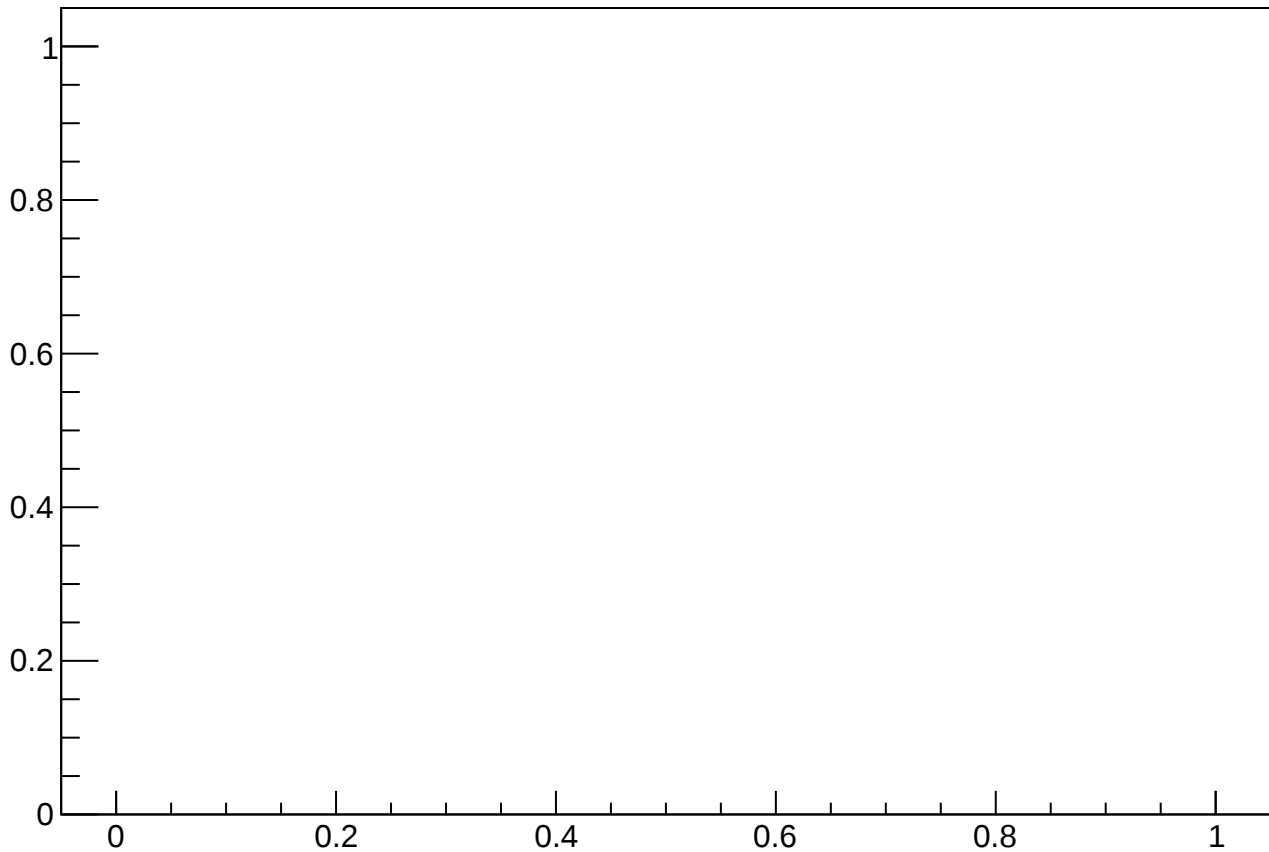
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_mean vs Slug, Sign Corrected



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

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

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

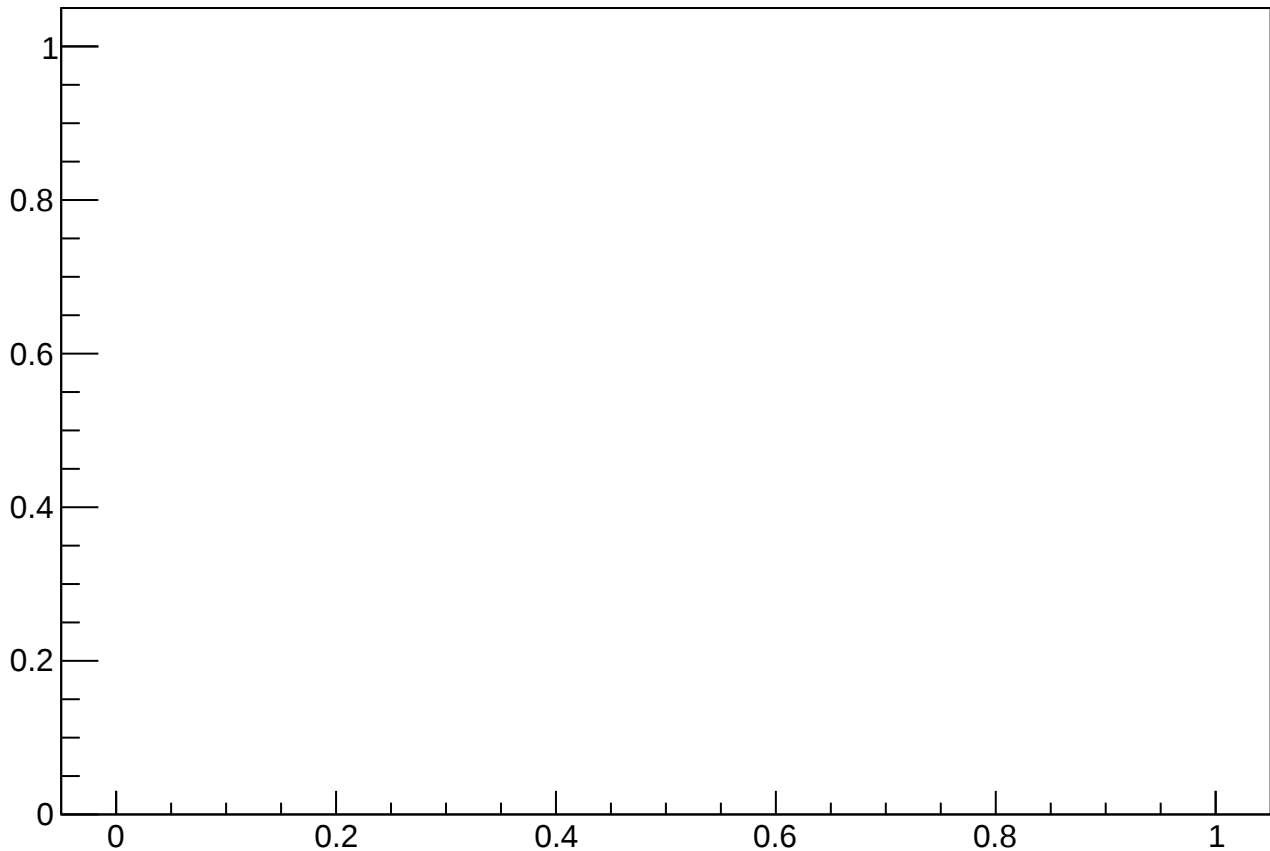
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_rms vs Slug, Sign Corrected



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

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

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

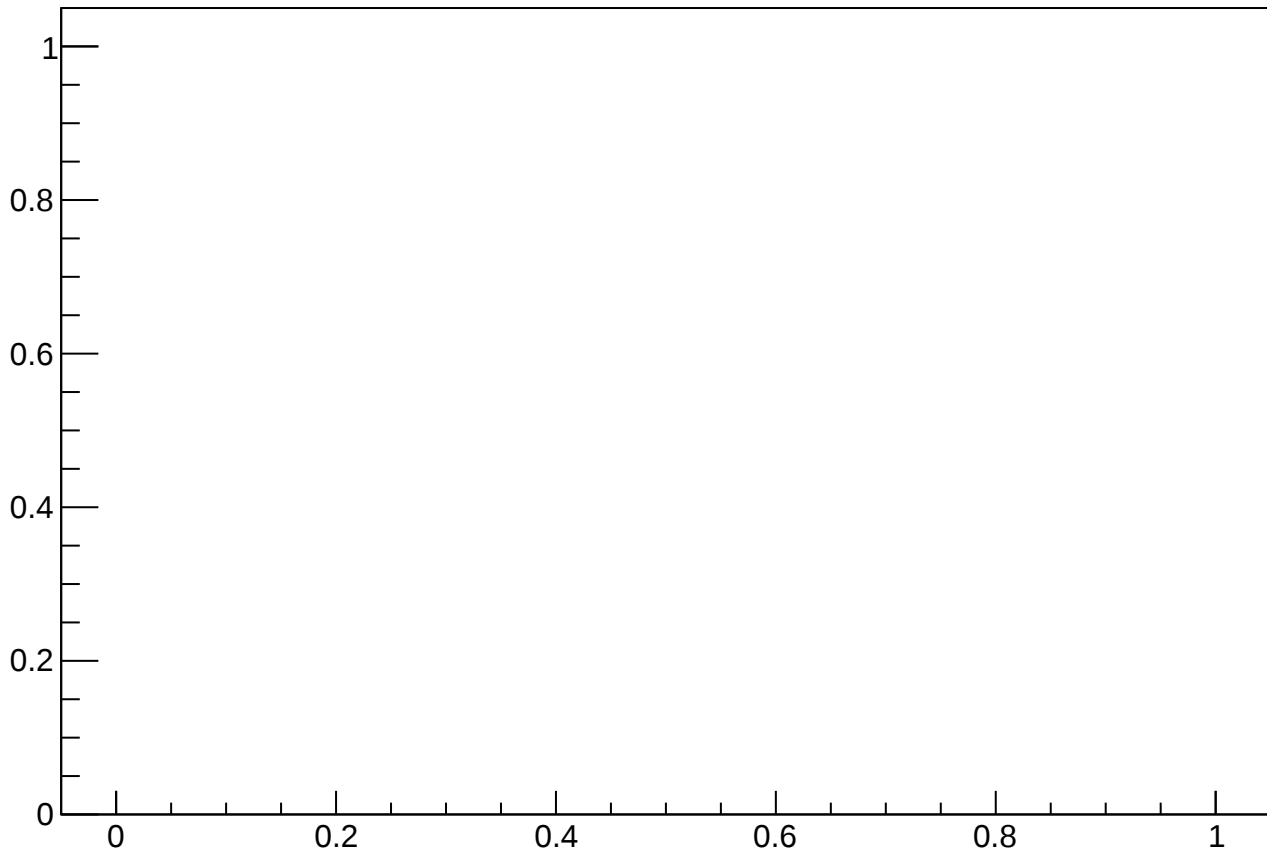
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

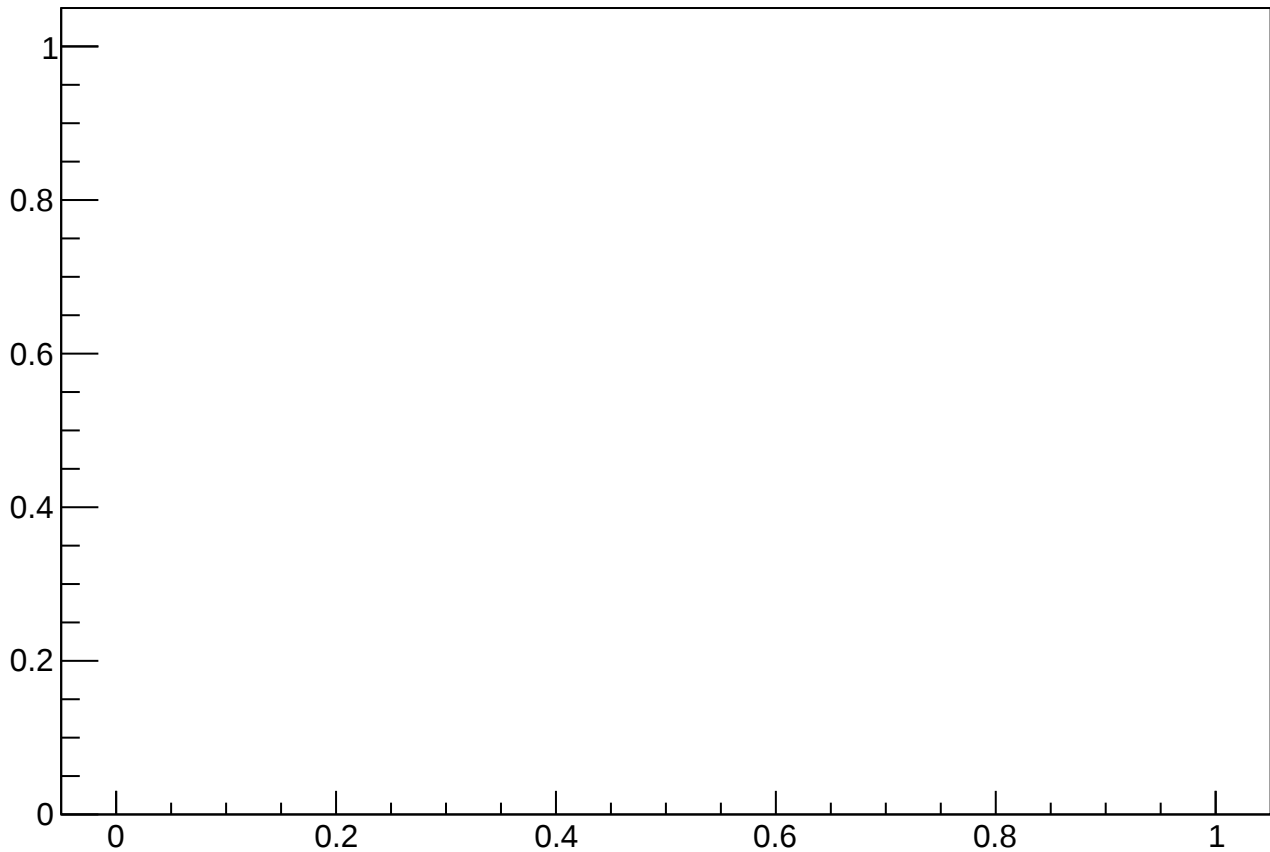
cor_us_dd_mean vs Slug, Sign Corrected



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

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

cor_us_dd_rms vs Slug, Sign Corrected



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

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

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

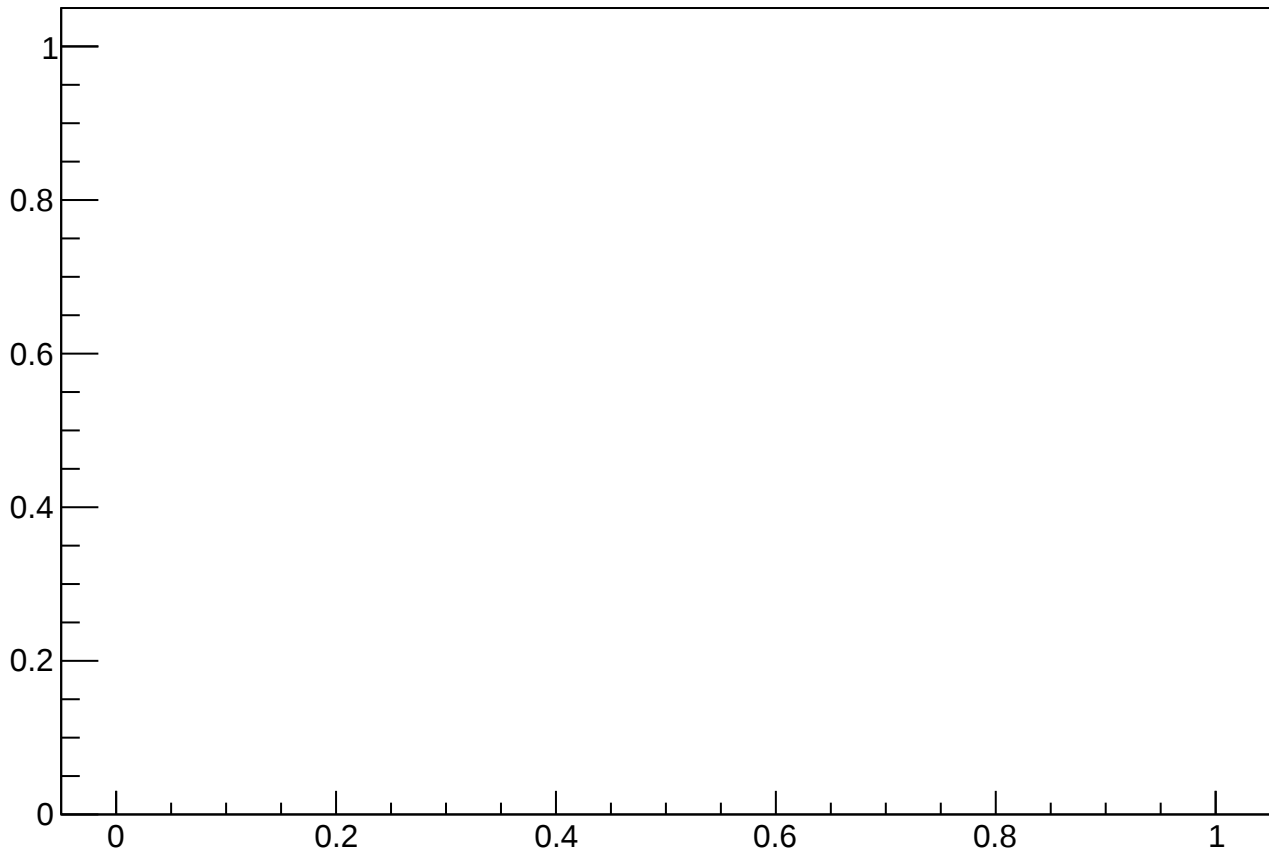
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_ds_avg_mean vs Slug, Sign Corrected



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

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

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

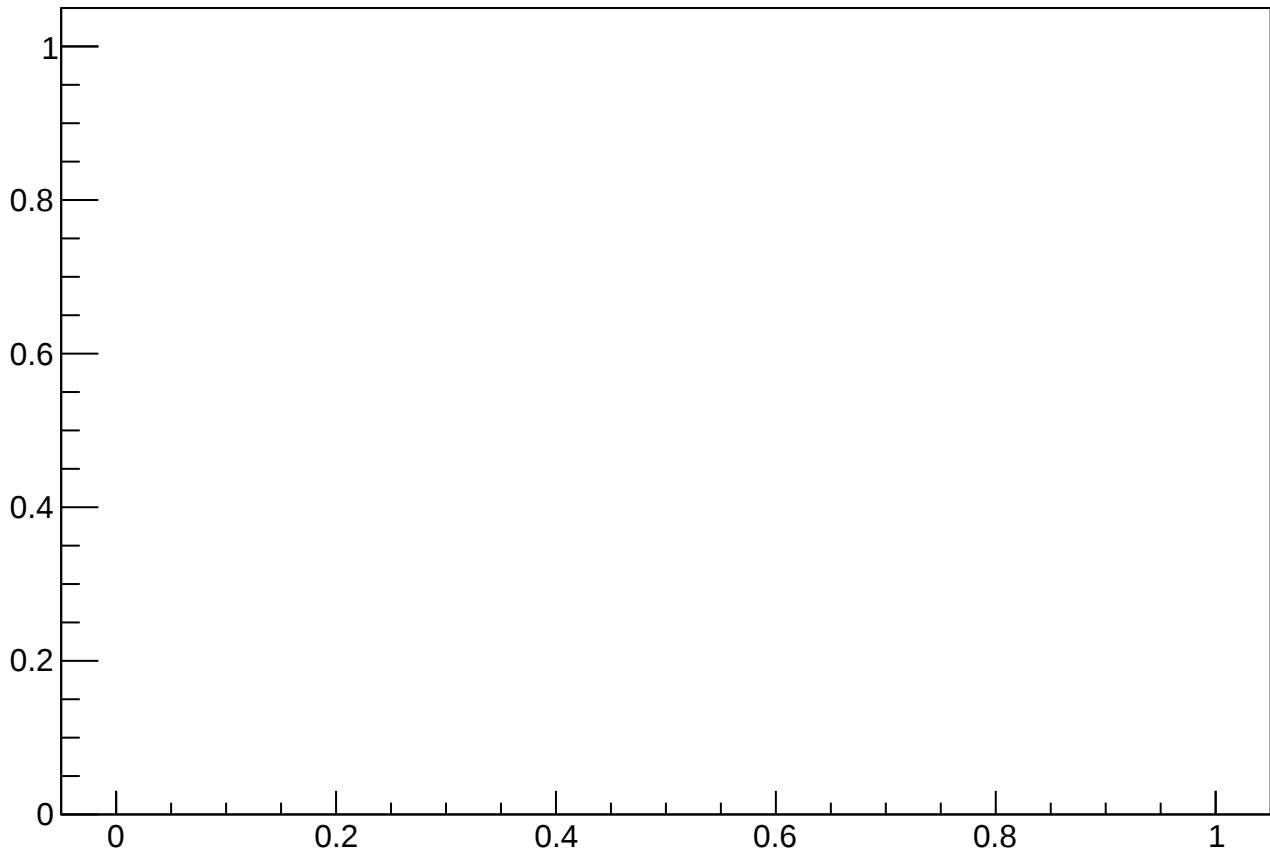
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



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

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

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

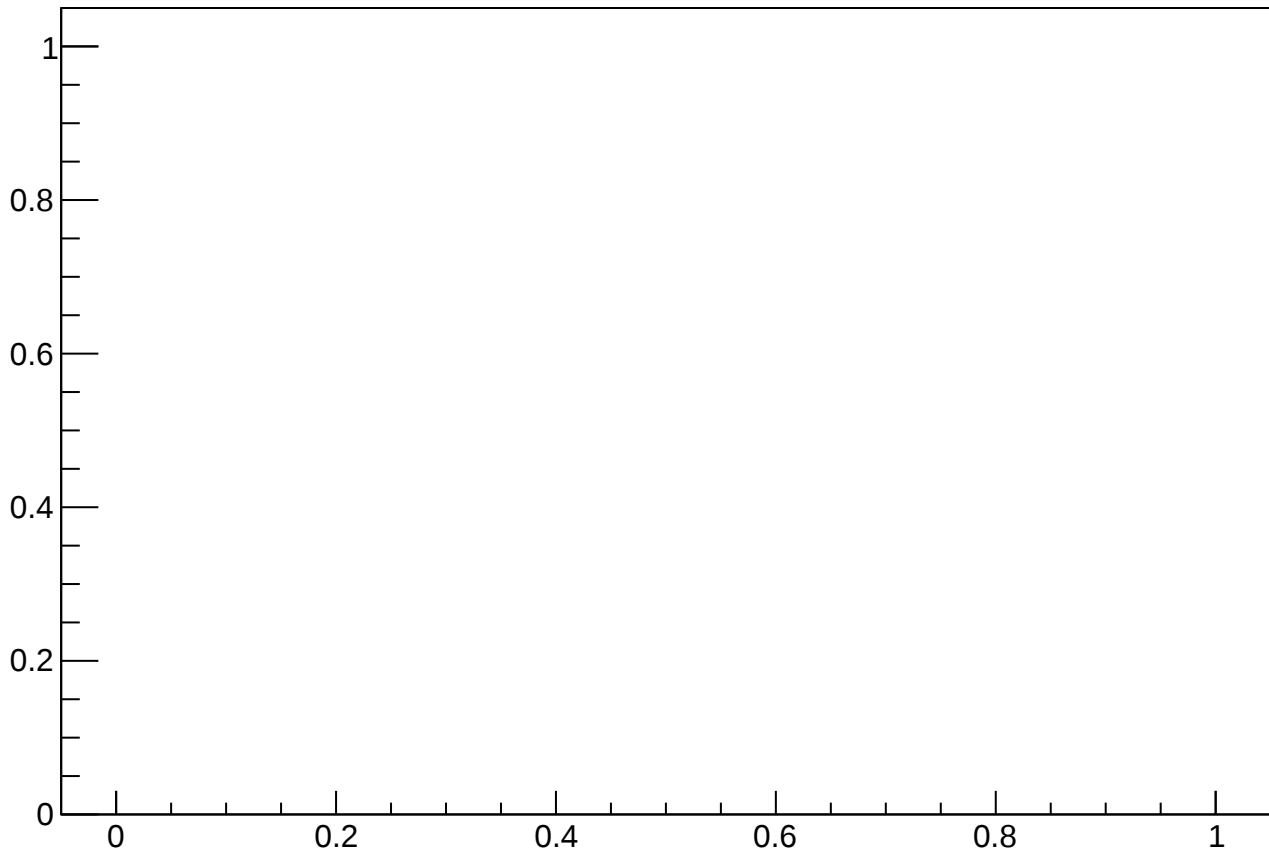
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

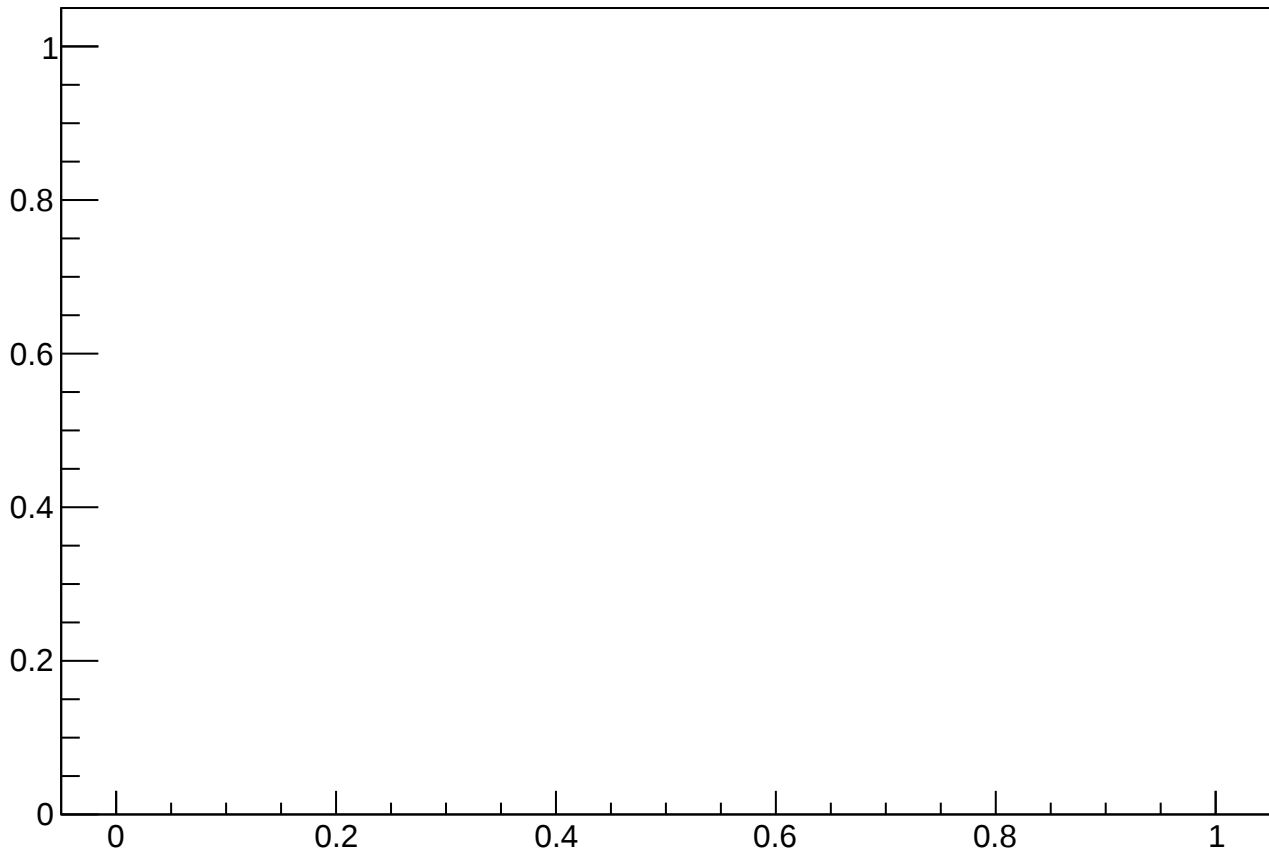
cor_ds_dd_mean vs Slug, Sign Corrected



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

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

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

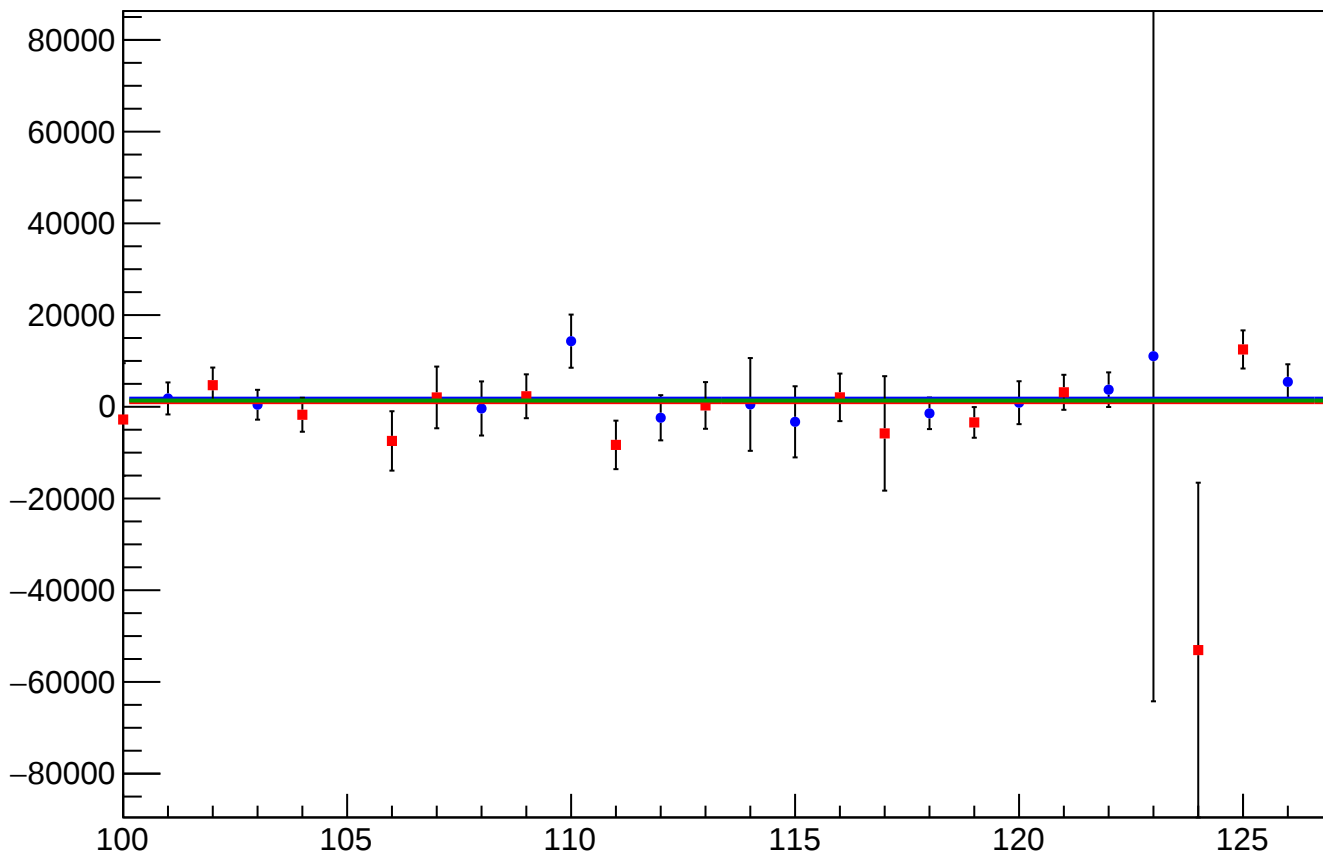
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1771.591+/-1323.495 χ^2/NDF : 8.2/11

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

Right Out: 1007.922+/-1241.886 χ^2/NDF : 18.8/14

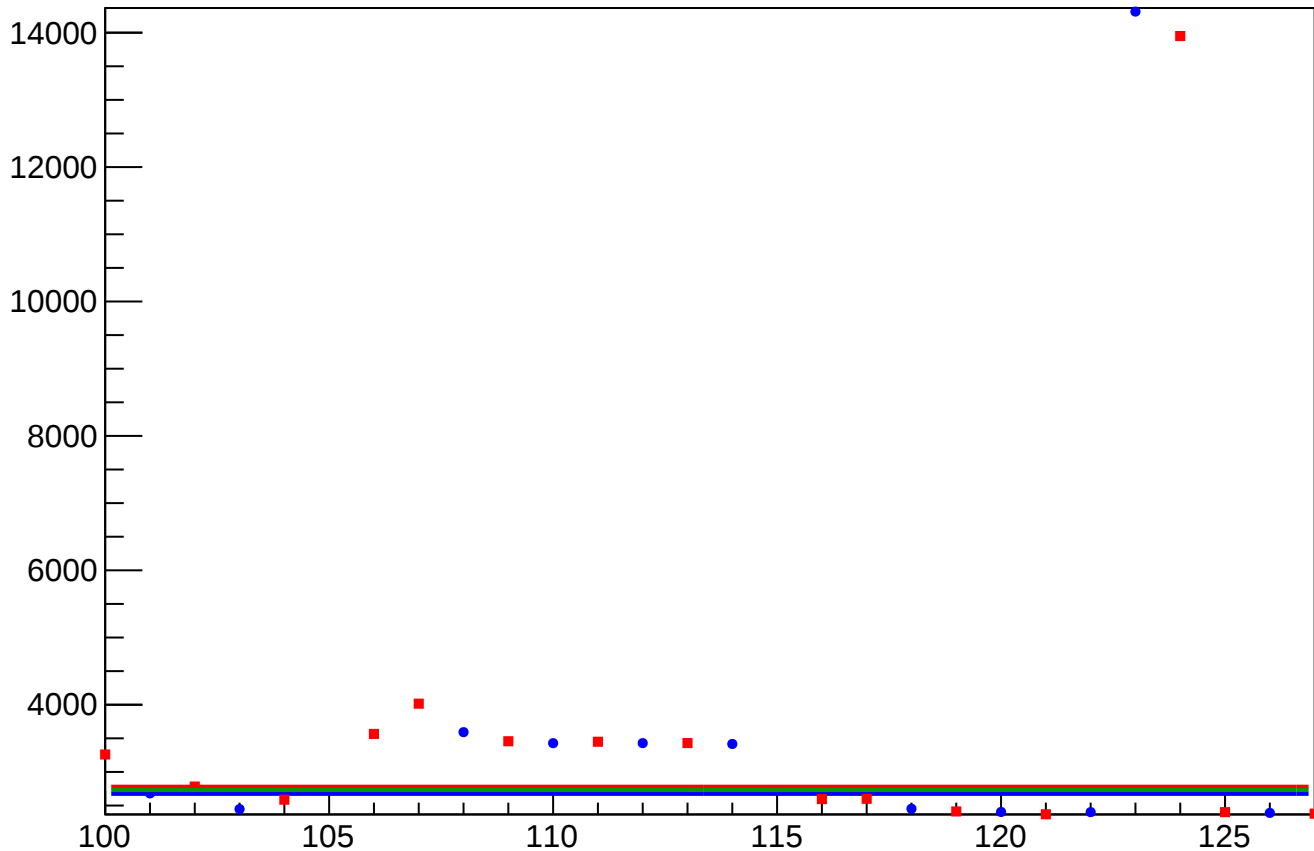
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1771.591+/-1323.495 χ^2/NDF : 8.2/11

1365.488+/-905.623 χ^2/NDF : 27.2/26

1007.922+/-1241.886 χ^2/NDF : 18.8/14

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2673.570+/-0.936 χ^2/NDF : 233832.9/11

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

Right Out: 2780.669+/-0.878 χ^2/NDF : 488761.3/14

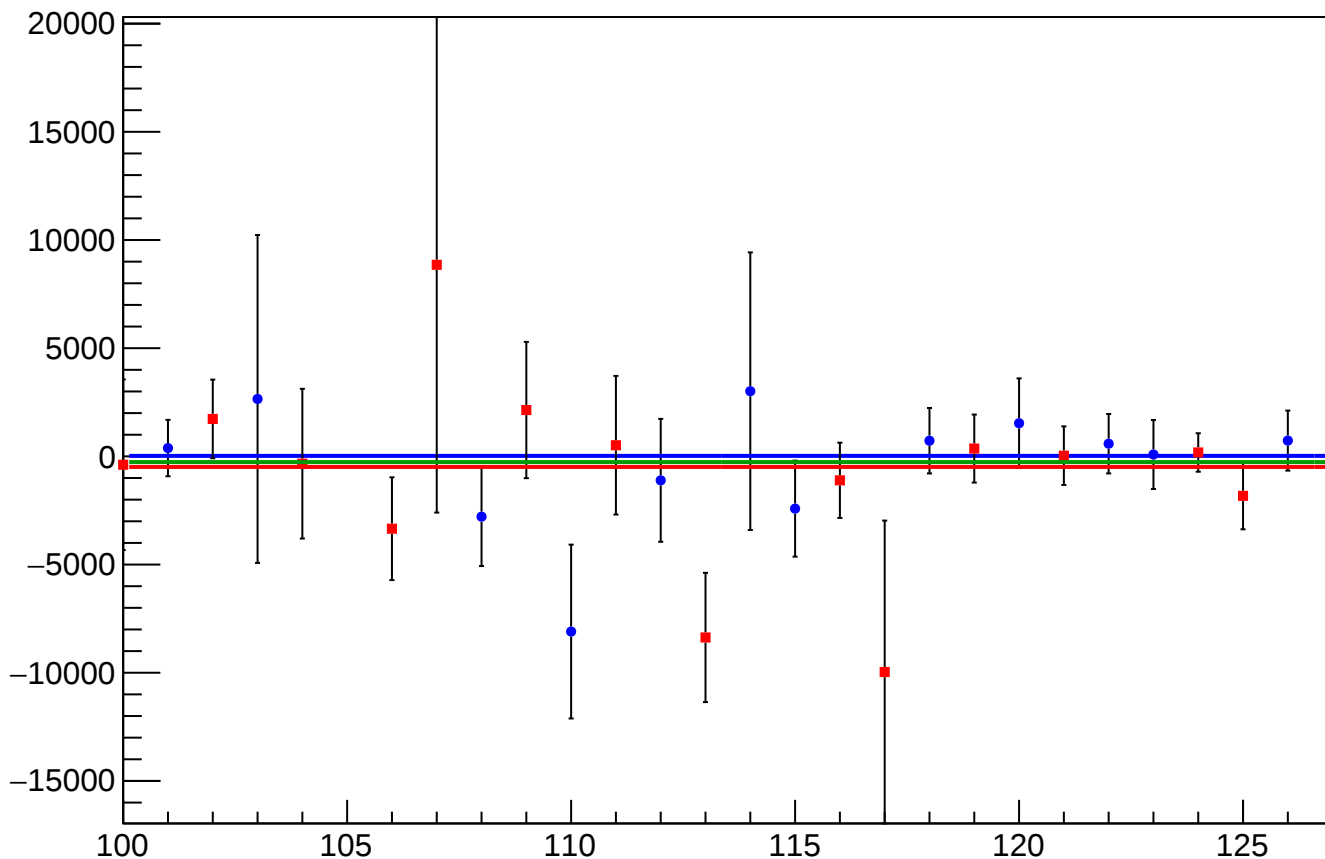
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2673.570+/-0.936 χ^2/NDF : 233832.9/11

2730.523+/-0.640 χ^2/NDF : 729558.7/26

2780.669+/-0.878 χ^2/NDF : 488761.3/14

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 23.630+/-548.384 χ^2 /NDF: 8.6/11

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

Right Out: -487.850+/-481.945 χ^2 /NDF: 15.2/14

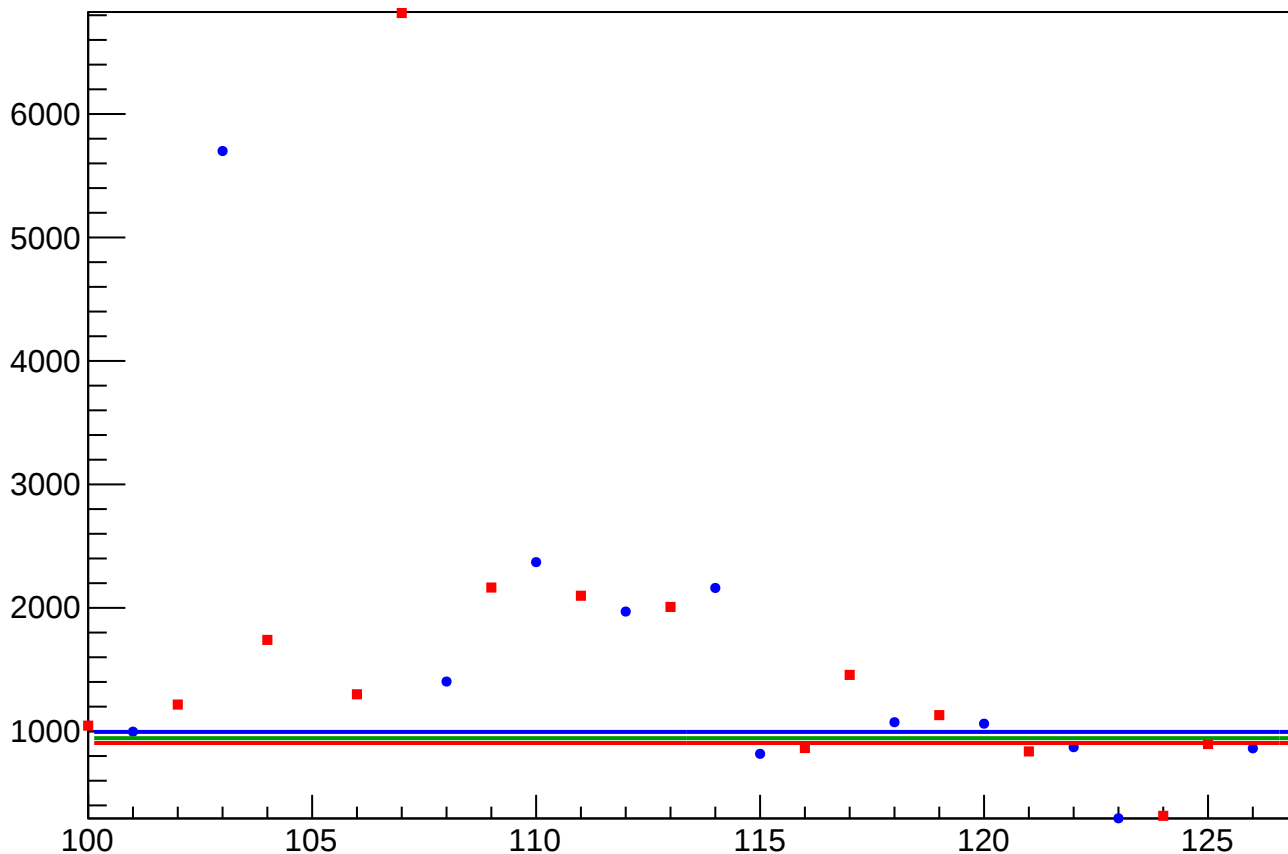
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

23.630+/-548.384 χ^2 /NDF: 8.6/11

-264.955+/-362.010 χ^2 /NDF: 24.3/26

-487.850+/-481.945 χ^2 /NDF: 15.2/14

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 995.357+/-0.388 χ^2/NDF : 1810721.2/11

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

Right Out: 905.616+/-0.341 χ^2/NDF : 2584903.5/14

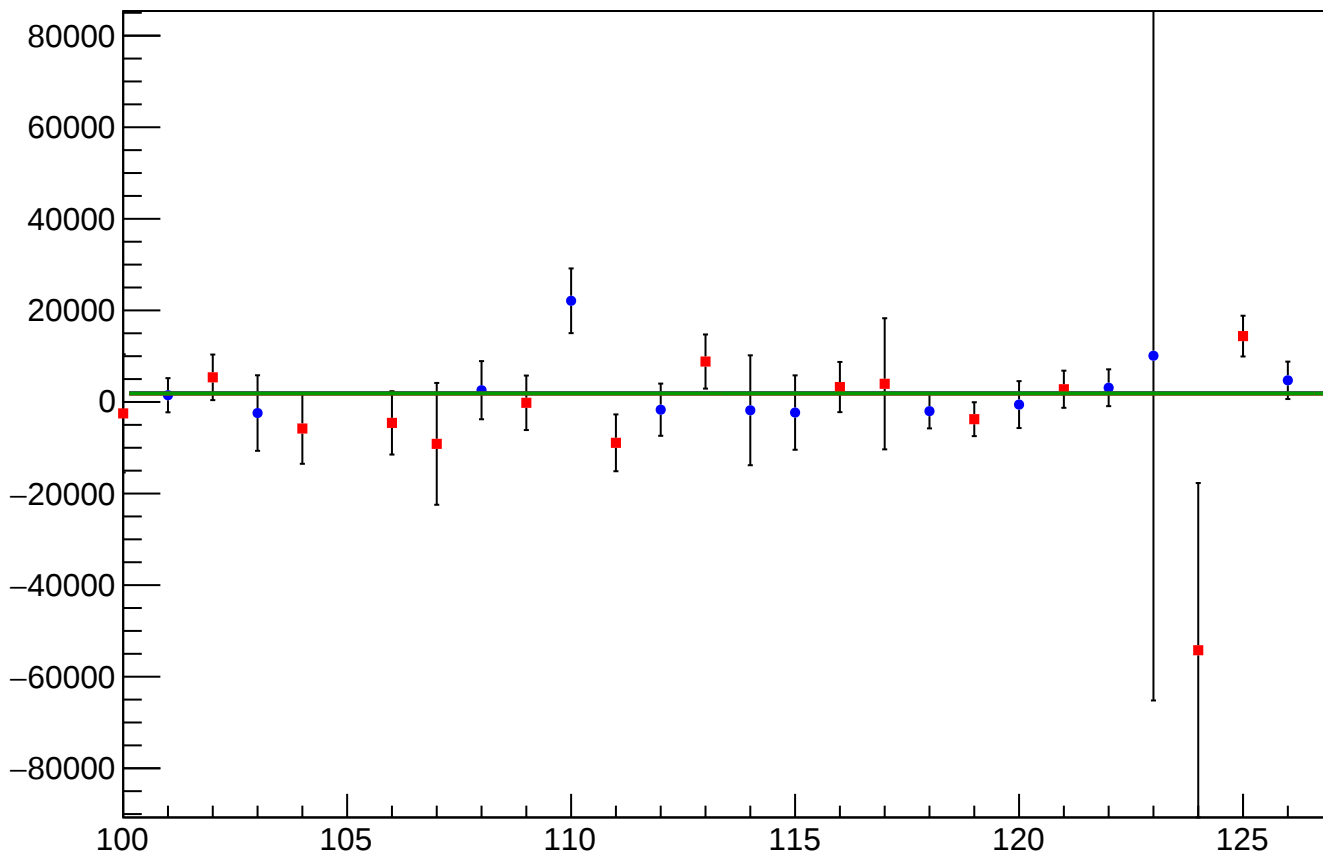
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

995.357+/-0.388 χ^2/NDF : 1810721.2/11

944.724+/-0.256 χ^2/NDF : 4425844.5/26

905.616+/-0.341 χ^2/NDF : 2584903.5/14

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1910.694+/-1553.159 χ^2 /NDF: 11.1/11

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

Right Out: 1825.897+/-1482.962 χ^2 /NDF: 20.4/14

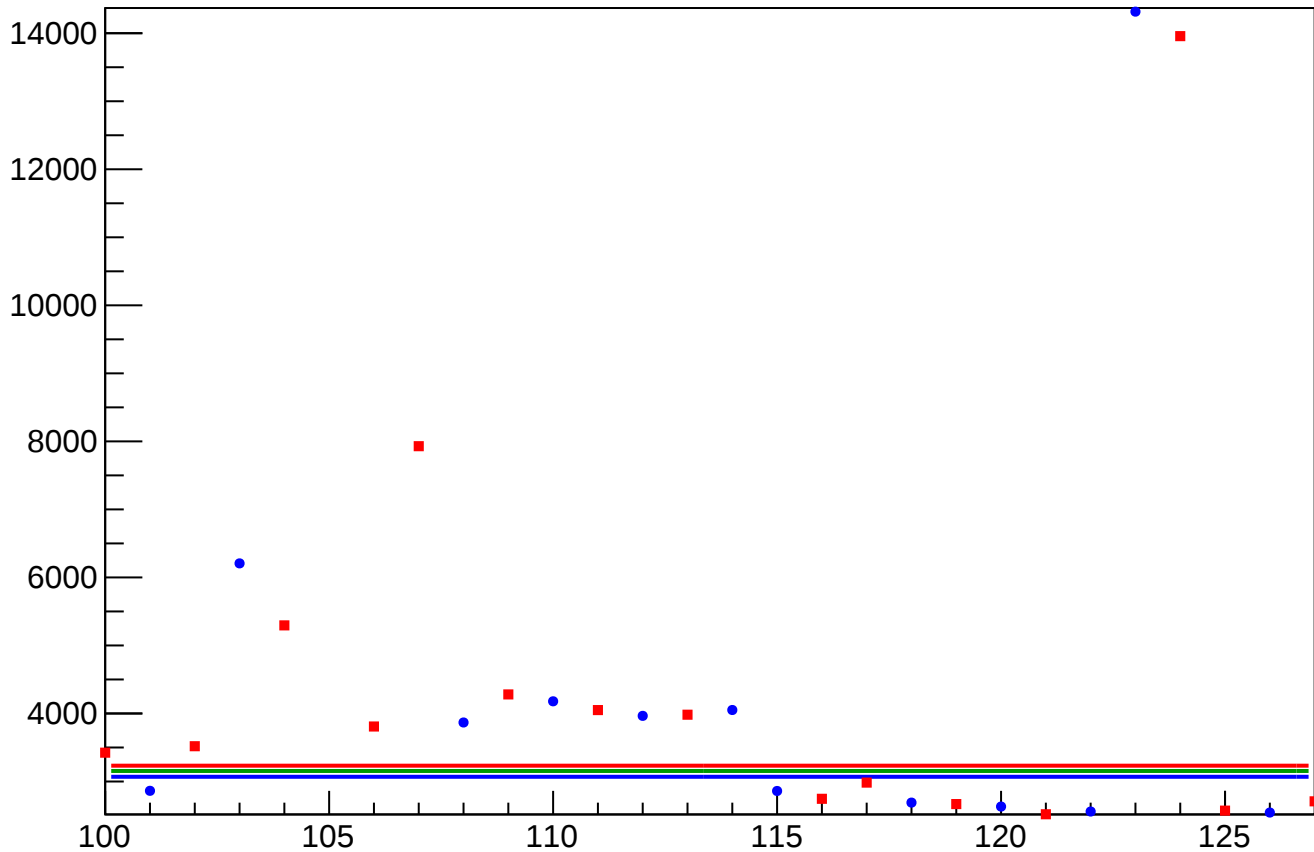
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1910.694+/-1553.159 χ^2 /NDF: 11.1/11

1866.336+/-1072.571 χ^2 /NDF: 31.5/26

1825.897+/-1482.962 χ^2 /NDF: 20.4/14

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3069.587+/-1.098 χ^2/NDF : 585204.7/11

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

Right Out: 3232.667+/-1.049 χ^2/NDF : 915985.0/14

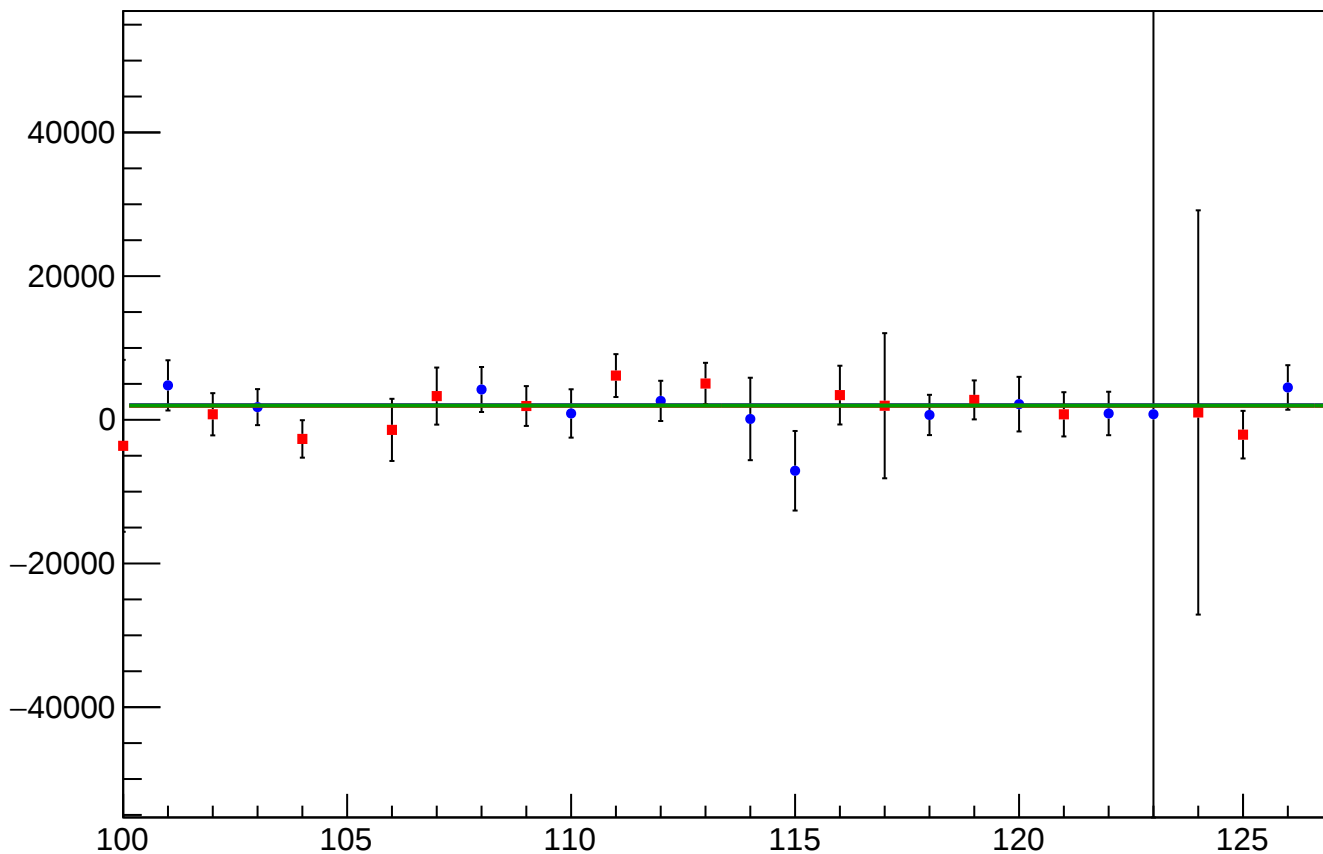
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3069.587+/-1.098 χ^2/NDF : 585204.7/11

3154.895+/-0.758 χ^2/NDF : 1512723.9/26

3232.667+/-1.049 χ^2/NDF : 915985.0/14

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2027.315+/-984.513 χ^2/NDF : 5.1/11

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

Right Out: 1951.413+/-887.611 χ^2/NDF : 10.6/14

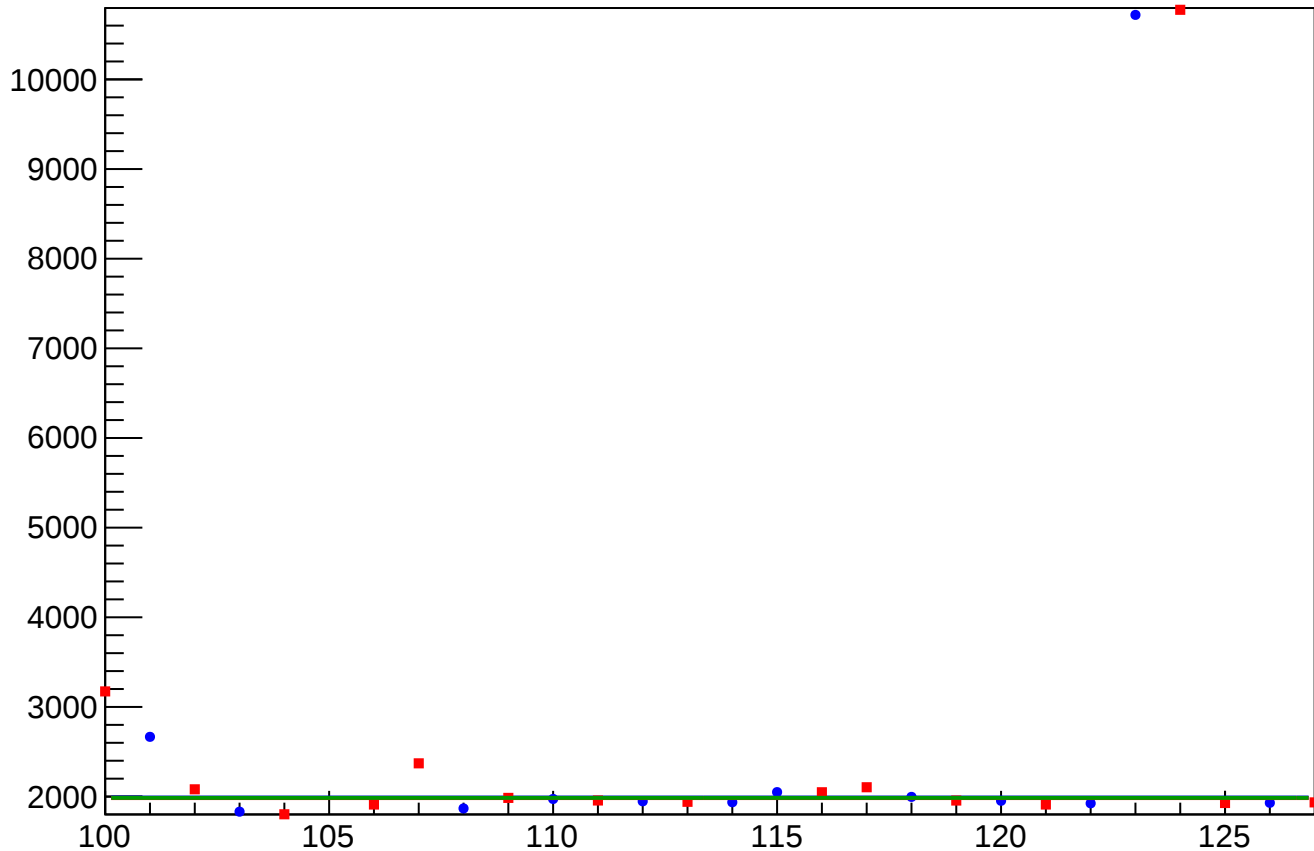
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2027.315+/-984.513 χ^2/NDF : 5.1/11

1985.446+/-659.240 χ^2/NDF : 15.7/26

1951.413+/-887.611 χ^2/NDF : 10.6/14

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1989.087+/-0.696 χ^2/NDF : 137068.7/11

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

Right Out: 1983.642+/-0.628 χ^2/NDF : 250272.6/14

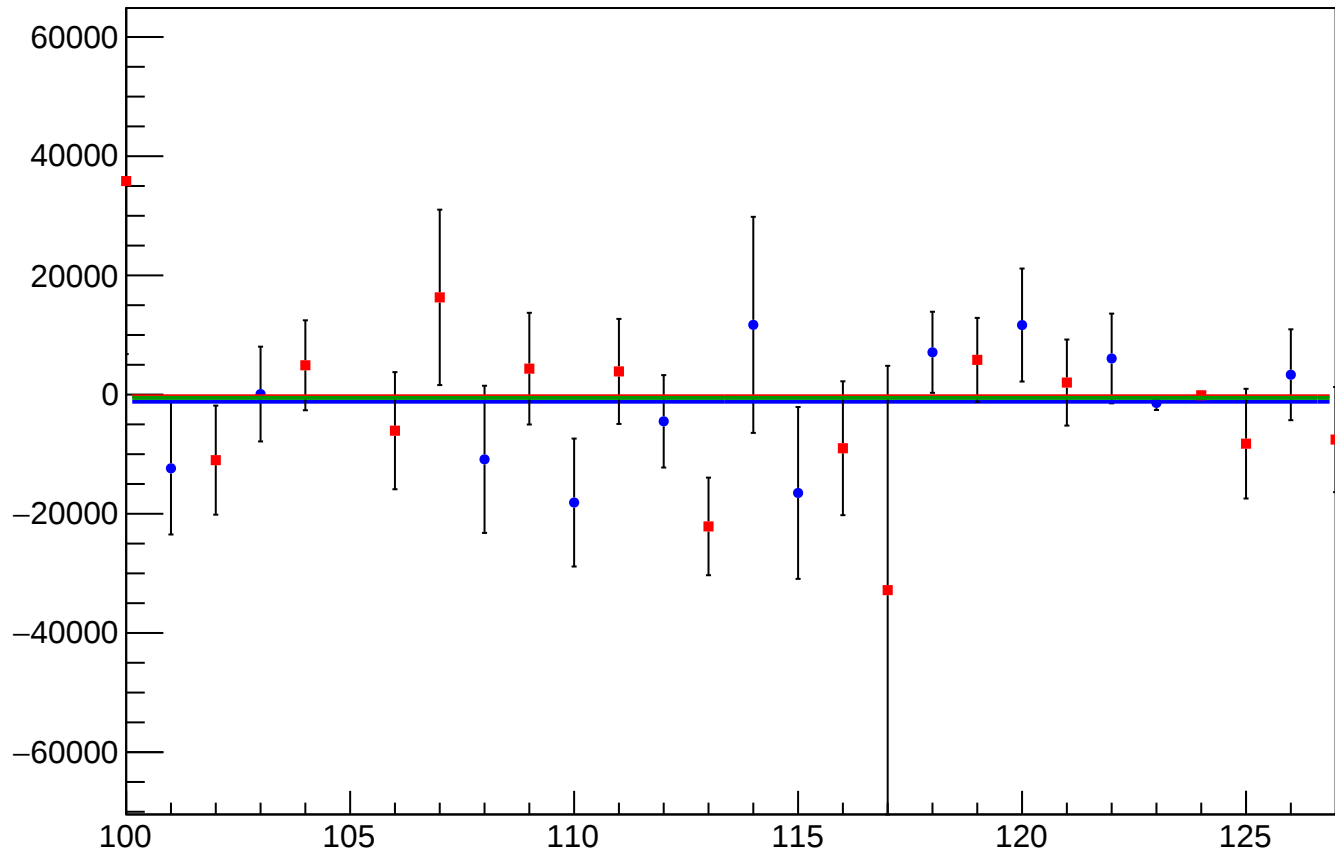
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1989.087+/-0.696 χ^2/NDF : 137068.7/11

1986.083+/-0.466 χ^2/NDF : 387375.0/26

1983.642+/-0.628 χ^2/NDF : 250272.6/14

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1189.770+/-1081.715 χ^2/NDF : 10.6/11

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

Right Out: -282.254+/-701.312 χ^2/NDF : 16.3/14

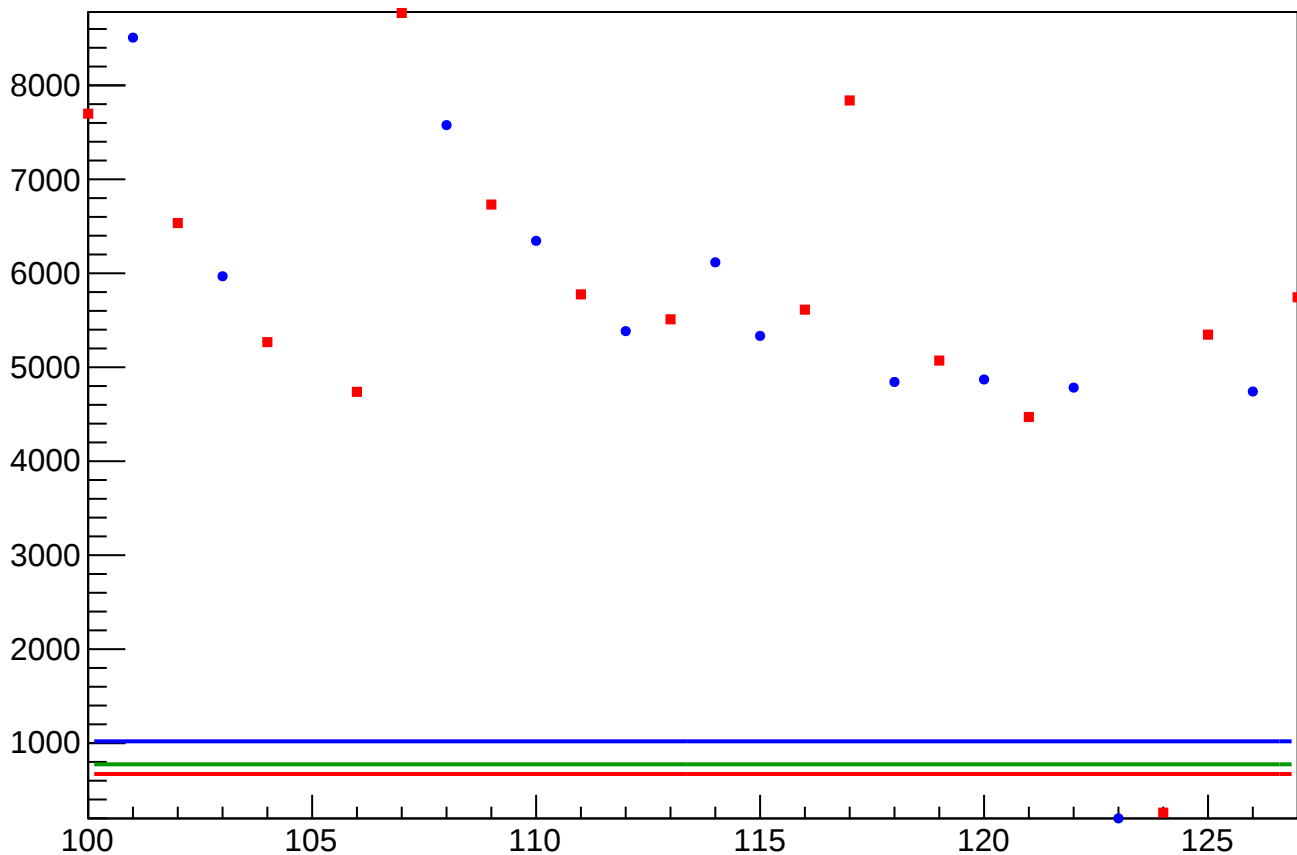
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1189.770+/-1081.715 χ^2/NDF : 10.6/11

-550.826+/-588.458 χ^2/NDF : 27.4/26

-282.254+/-701.312 χ^2/NDF : 16.3/14

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1019.184+/-0.765 χ^2/NDF : 6624847.2/11

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

Right Out: 671.448+/-0.496 χ^2/NDF : 8439861.5/14

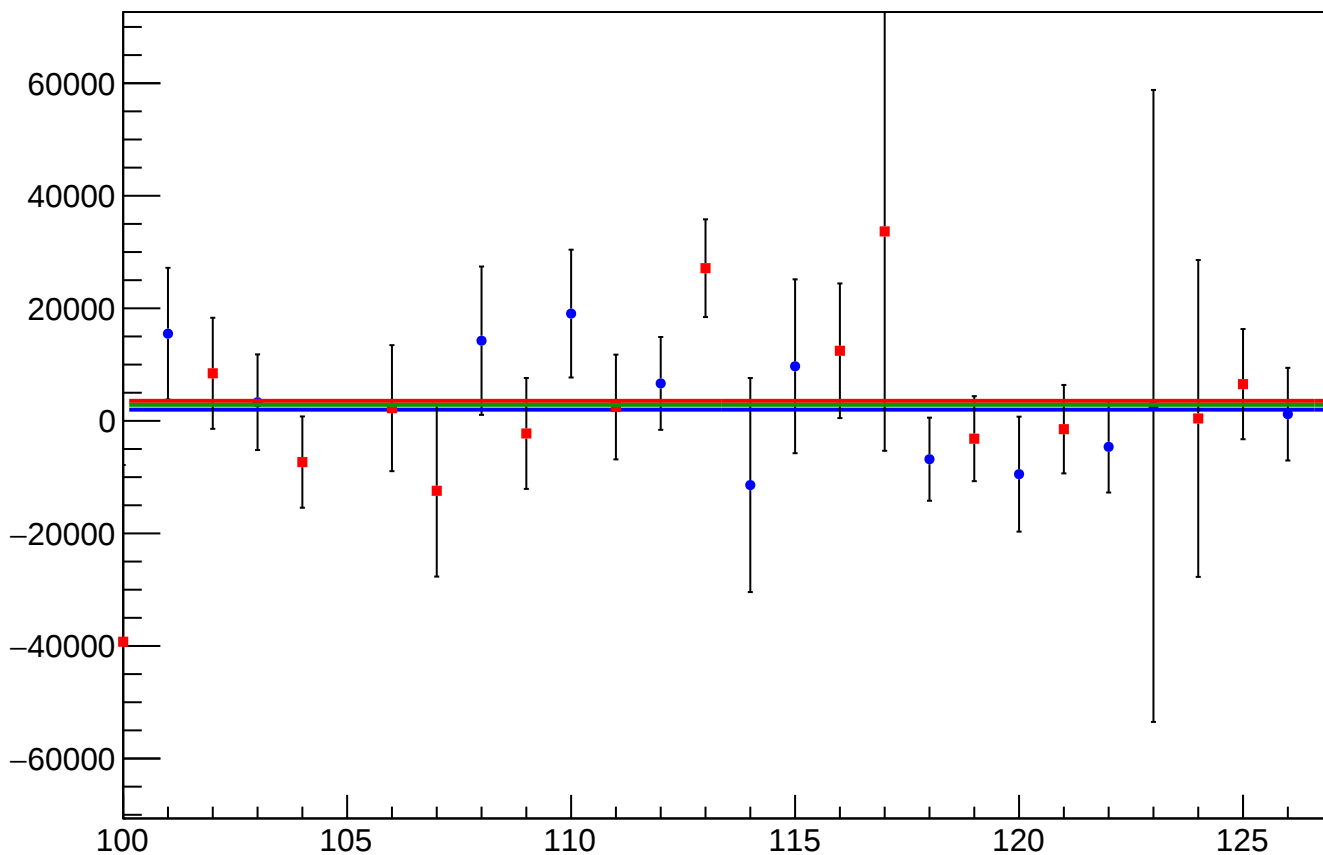
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1019.184+/-0.765 χ^2/NDF : 6624847.2/11

774.357+/-0.416 χ^2/NDF : 15210225.0/26

671.448+/-0.496 χ^2/NDF : 8439861.5/14

asym_atl2_mean vs Slug, Sign Corrected



Right In: 1995.977+/-2955.172 χ^2/NDF : 8.9/11

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

Right Out: 3560.476+/-2688.012 χ^2/NDF : 15.9/14

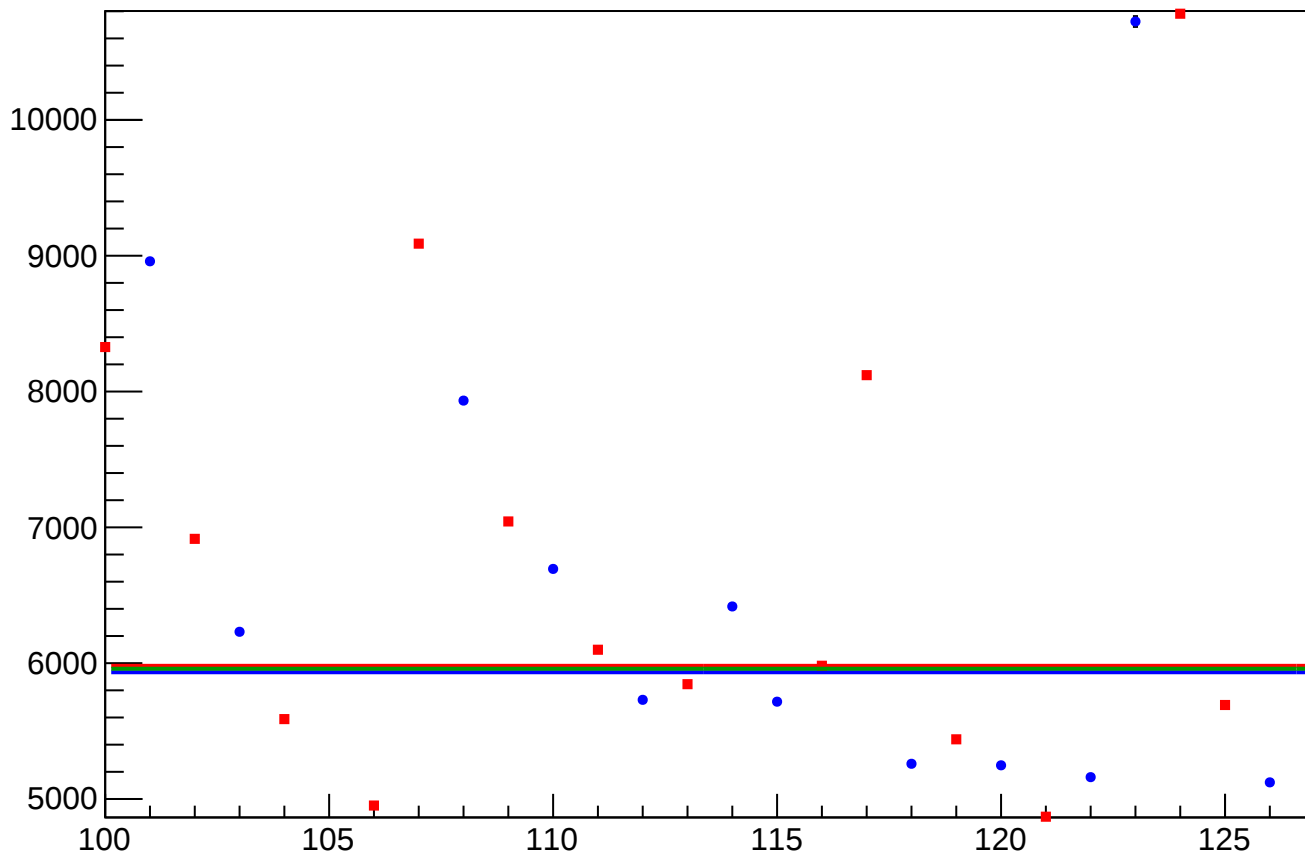
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1995.977+/-2955.172 χ^2/NDF : 8.9/11

2852.127+/-1988.468 χ^2/NDF : 24.9/26

3560.476+/-2688.012 χ^2/NDF : 15.9/14

asym_atl2_rms vs Slug, Sign Corrected



Right In: 5933.155+/-2.090 χ^2/NDF : 271943.8/11

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

Right Out: 5980.397+/-1.901 χ^2/NDF : 274373.1/14

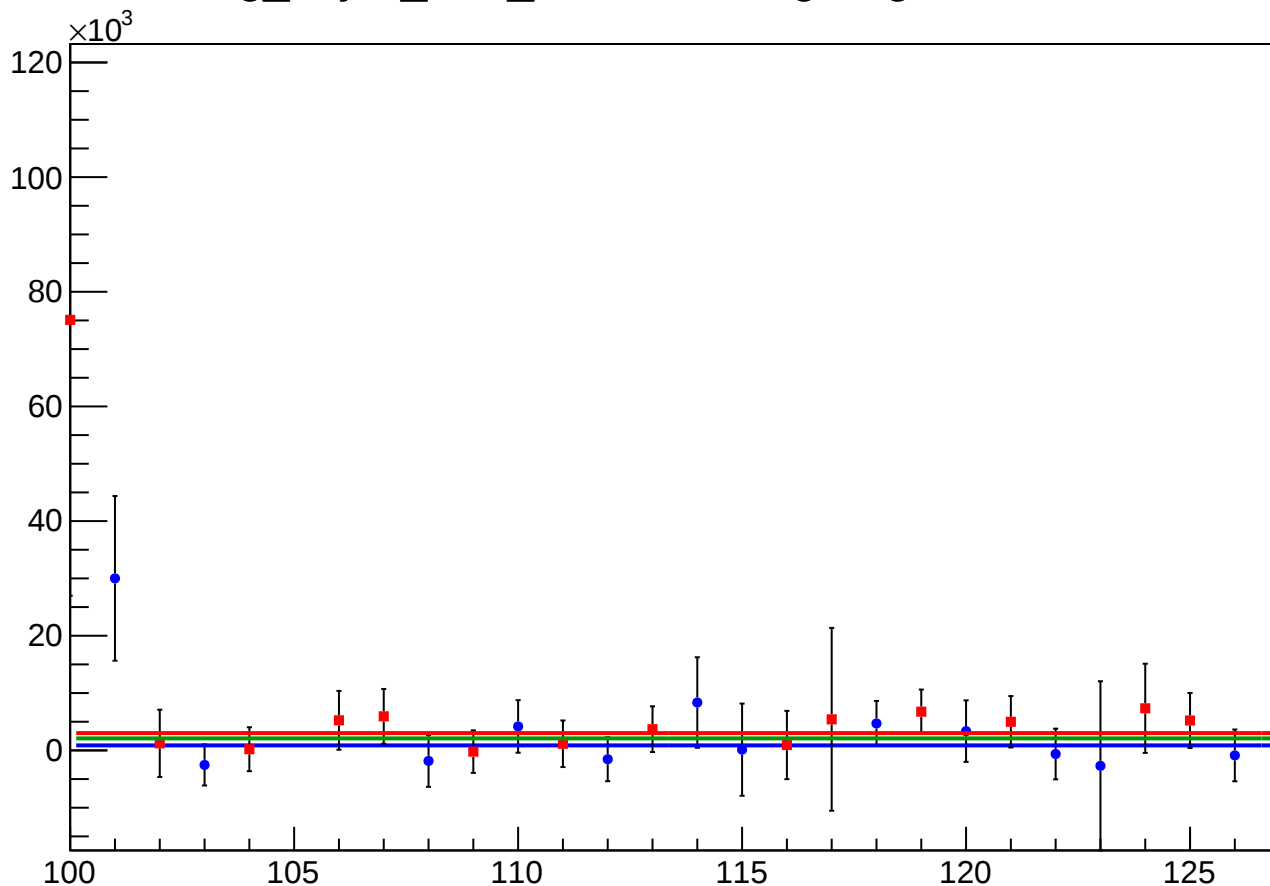
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5933.155+/-2.090 χ^2/NDF : 271943.8/11

5959.008+/-1.406 χ^2/NDF : 546596.6/26

5980.397+/-1.901 χ^2/NDF : 274373.1/14

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 874.551 ± 1439.021 χ^2/NDF : 8.7/11

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

Right Out: 3015.729 ± 1249.577 χ^2/NDF : 6.7/14

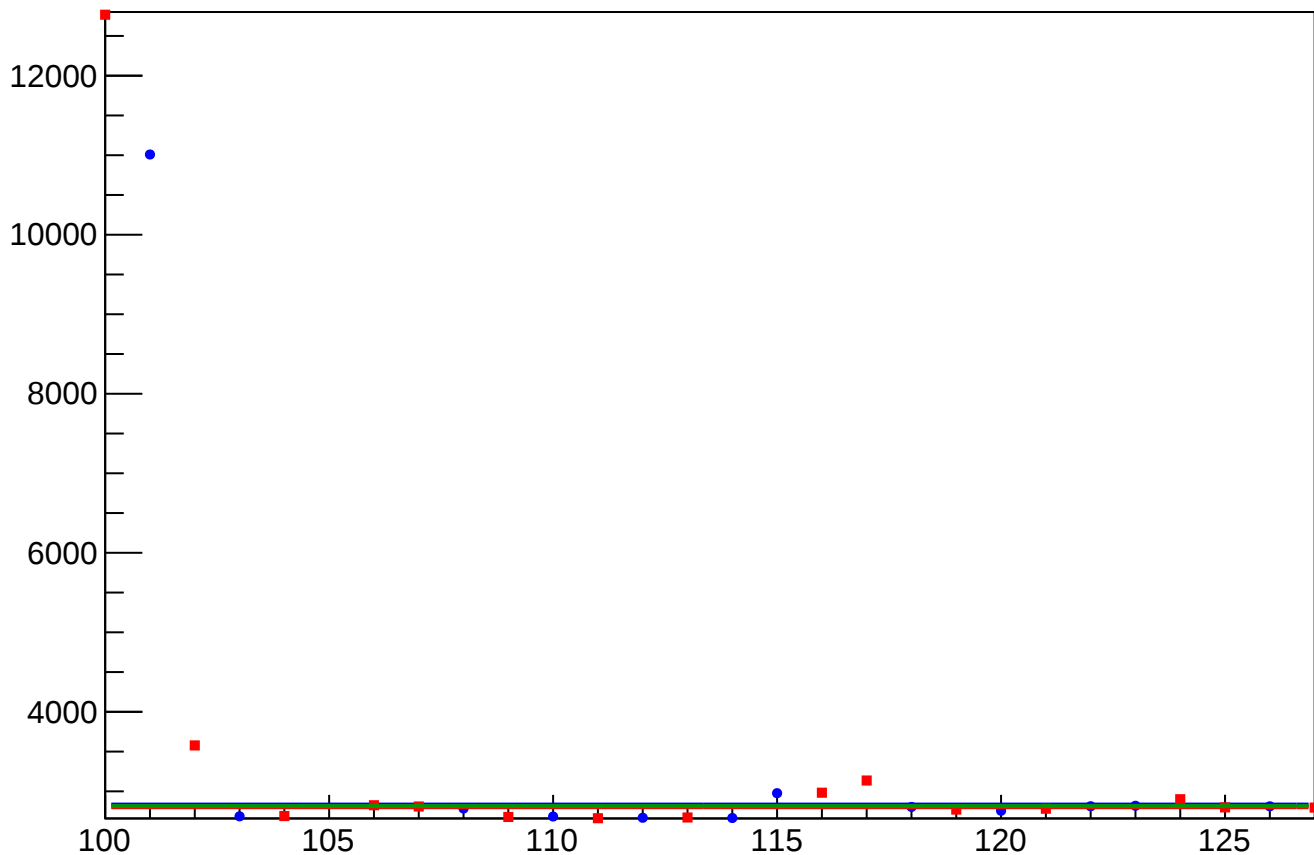
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

874.551 ± 1439.021 χ^2/NDF : 8.7/11

2095.266 ± 943.504 χ^2/NDF : 16.7/26

3015.729 ± 1249.577 χ^2/NDF : 6.7/14

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2833.451+/-1.018 χ^2/NDF : 659759.8/11

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

Right Out: 2800.561+/-0.884 χ^2/NDF : 132504.8/14

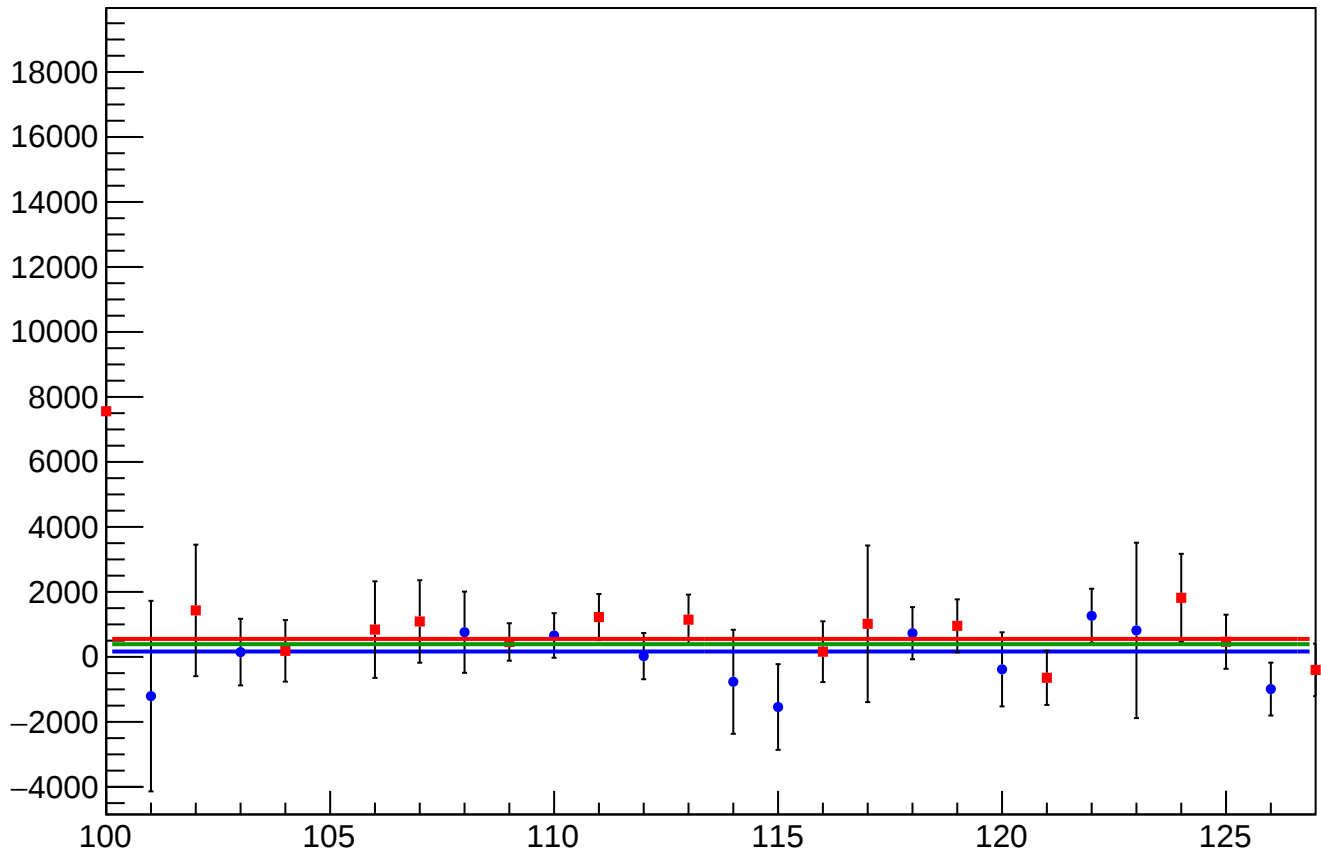
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2833.451+/-1.018 χ^2/NDF : 659759.8/11

2814.700+/-0.667 χ^2/NDF : 792860.2/26

2800.561+/-0.884 χ^2/NDF : 132504.8/14

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 166.182+/-286.496 χ^2 /NDF: 7.6/11

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

Right Out: 552.704+/-243.330 χ^2 /NDF: 7.2/14

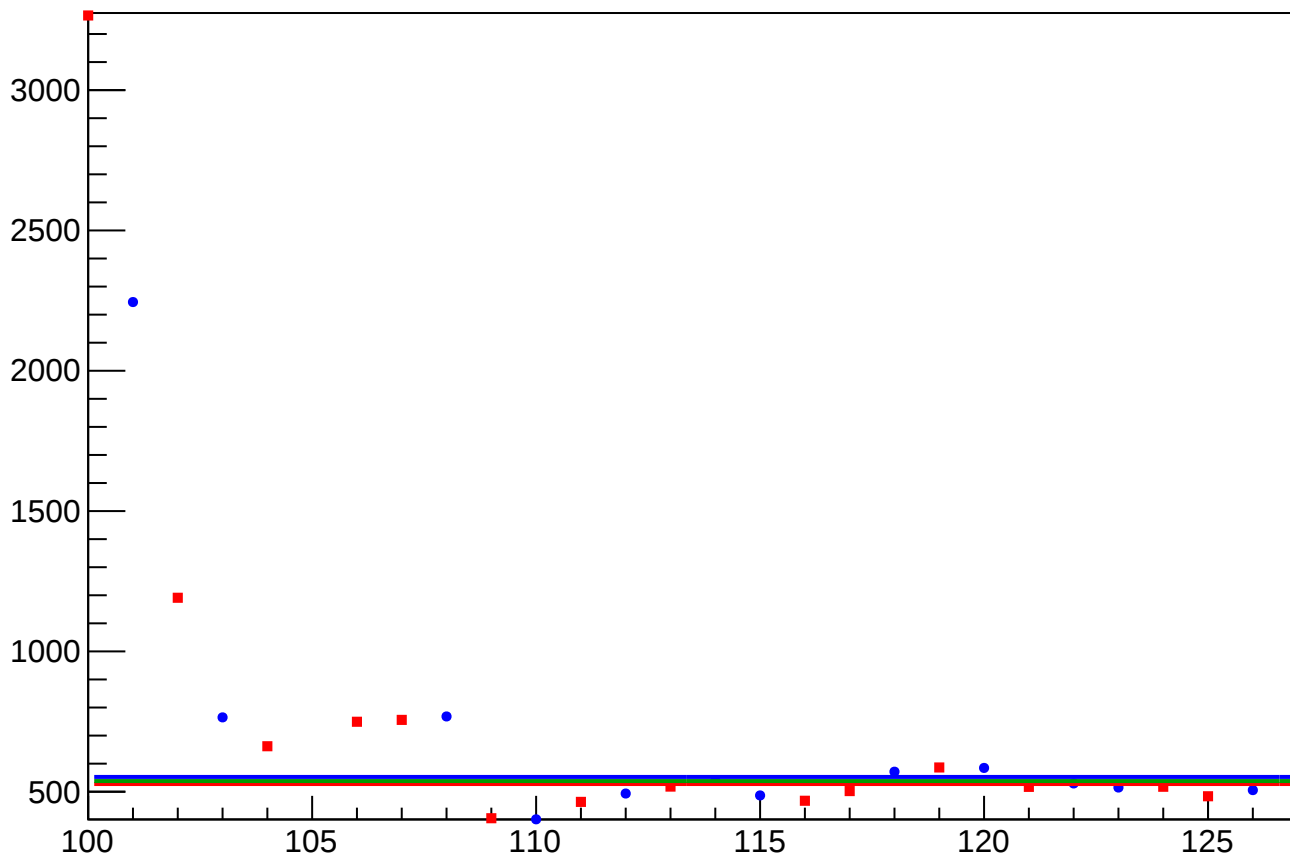
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

166.182+/-286.496 χ^2 /NDF: 7.6/11

390.726+/-185.464 χ^2 /NDF: 15.8/26

552.704+/-243.330 χ^2 /NDF: 7.2/14

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 552.688+/-0.203 χ^2/NDF : 938774.7/11

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

Right Out: 527.380+/-0.172 χ^2/NDF : 593151.8/14

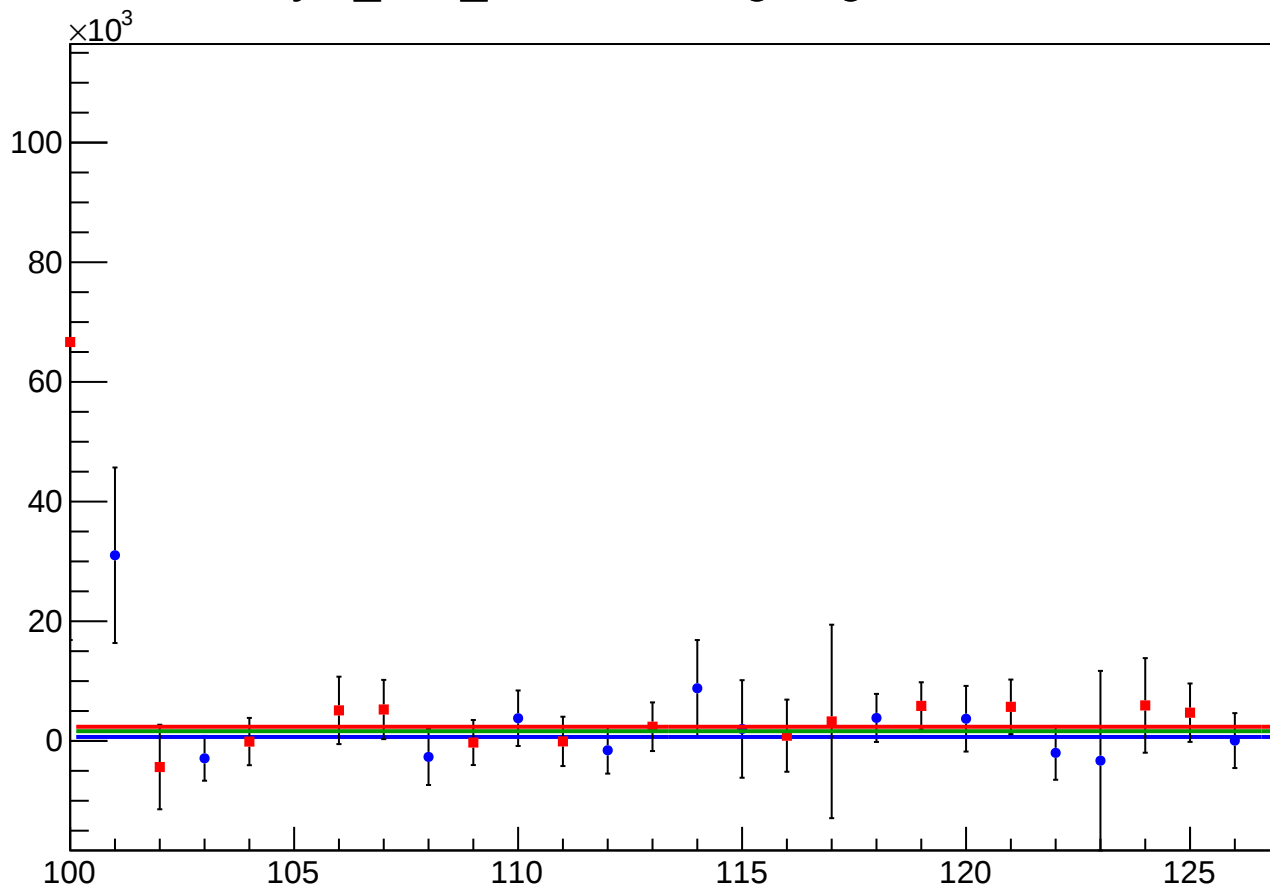
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

552.688+/-0.203 χ^2/NDF : 938774.7/11

537.986+/-0.131 χ^2/NDF : 1540992.8/26

527.380+/-0.172 χ^2/NDF : 593151.8/14

asym_atr1_mean vs Slug, Sign Corrected



Right In: 664.914 $\pm$ 1473.312 χ^2 /NDF: 8.9/11

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

Right Out: 2367.538 $\pm$ 1288.953 χ^2 /NDF: 6.4/14

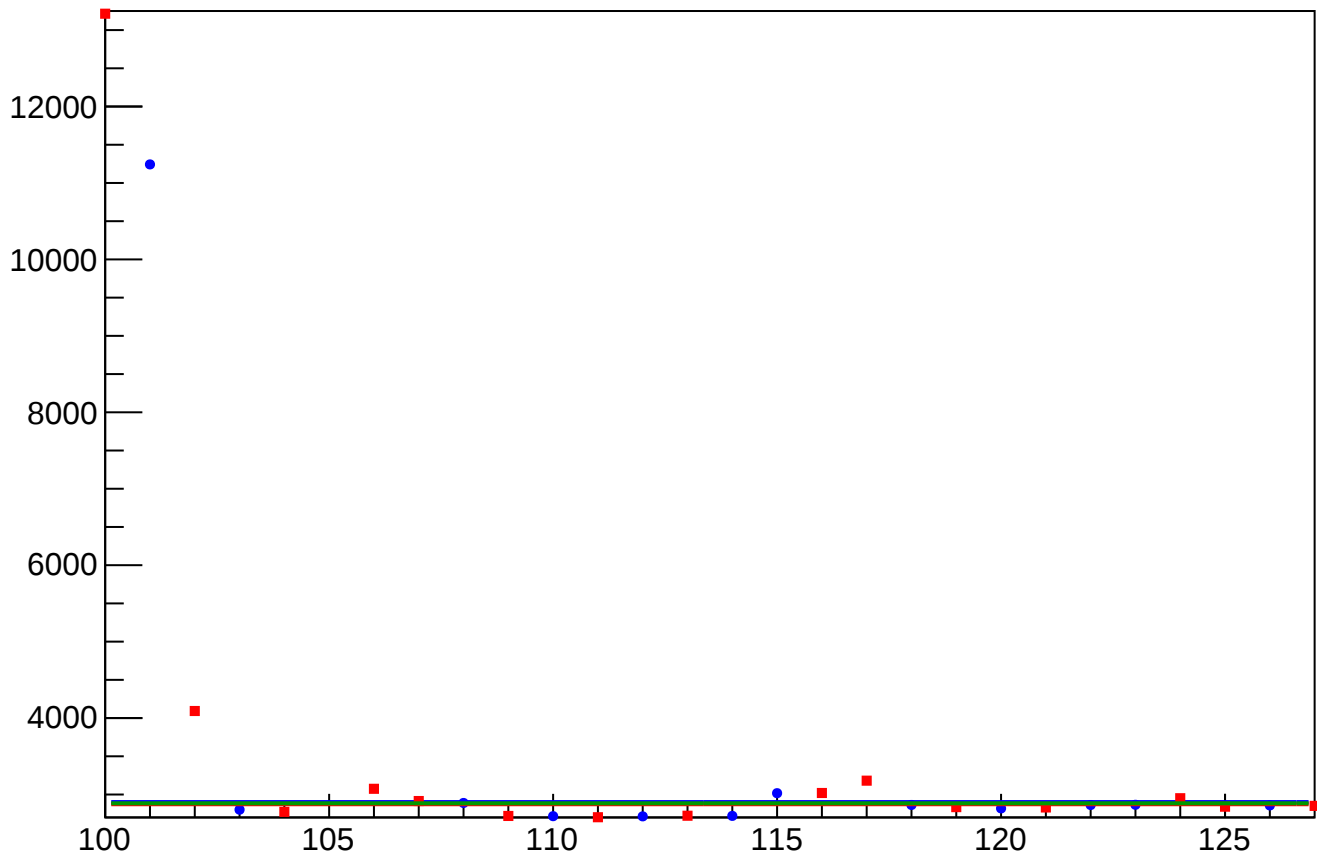
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

664.914 $\pm$ 1473.312 χ^2 /NDF: 8.9/11

1629.358 $\pm$ 970.100 χ^2 /NDF: 16.1/26

2367.538 $\pm$ 1288.953 χ^2 /NDF: 6.4/14

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2901.324+/-1.042 χ^2/NDF : 658538.6/11

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

Right Out: 2872.705+/-0.911 χ^2/NDF : 161898.2/14

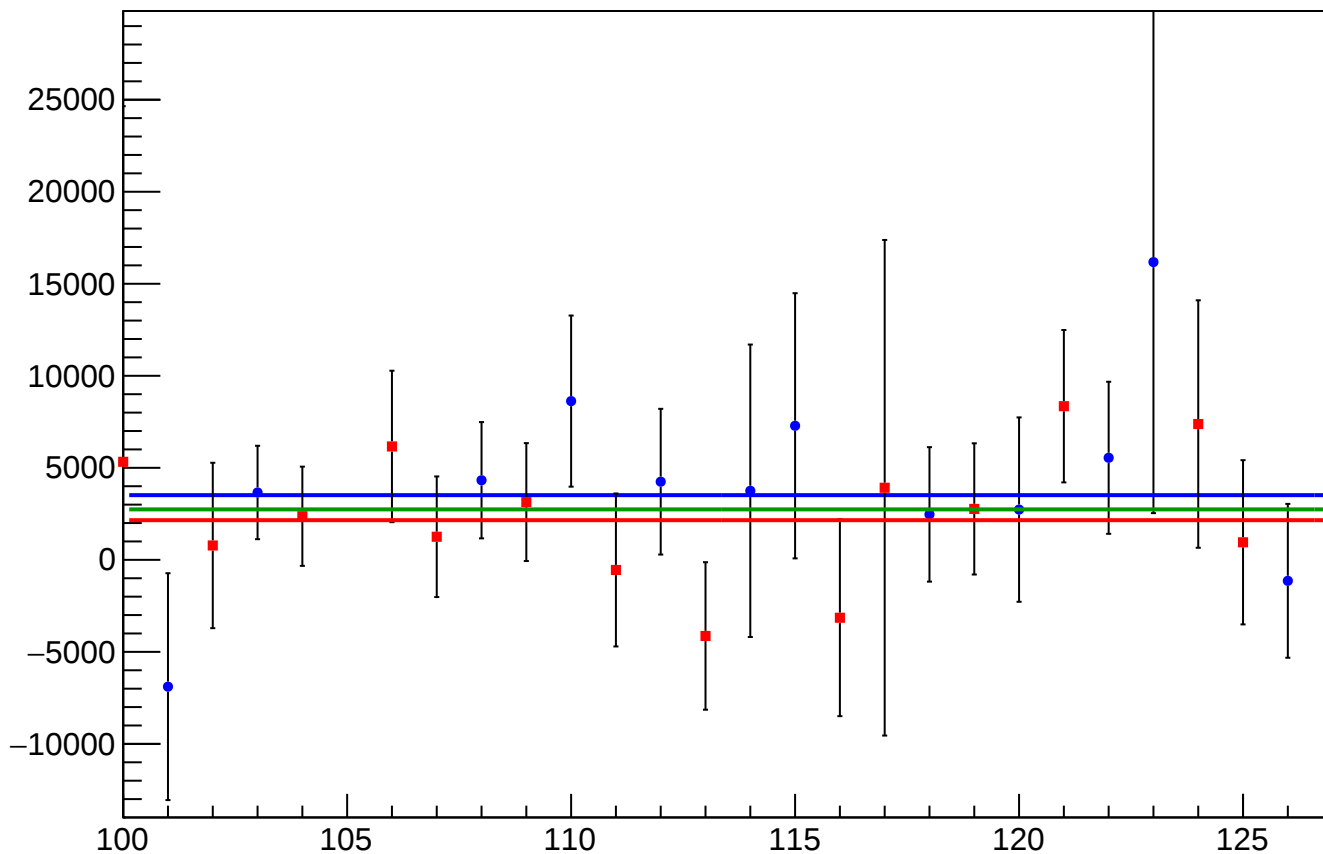
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2901.324+/-1.042 χ^2/NDF : 658538.6/11

2885.113+/-0.686 χ^2/NDF : 820864.3/26

2872.705+/-0.911 χ^2/NDF : 161898.2/14

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3515.431+/-1228.120 χ^2/NDF : 6.9/11

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

Right Out: 2154.883+/-1070.108 χ^2/NDF : 8.1/14

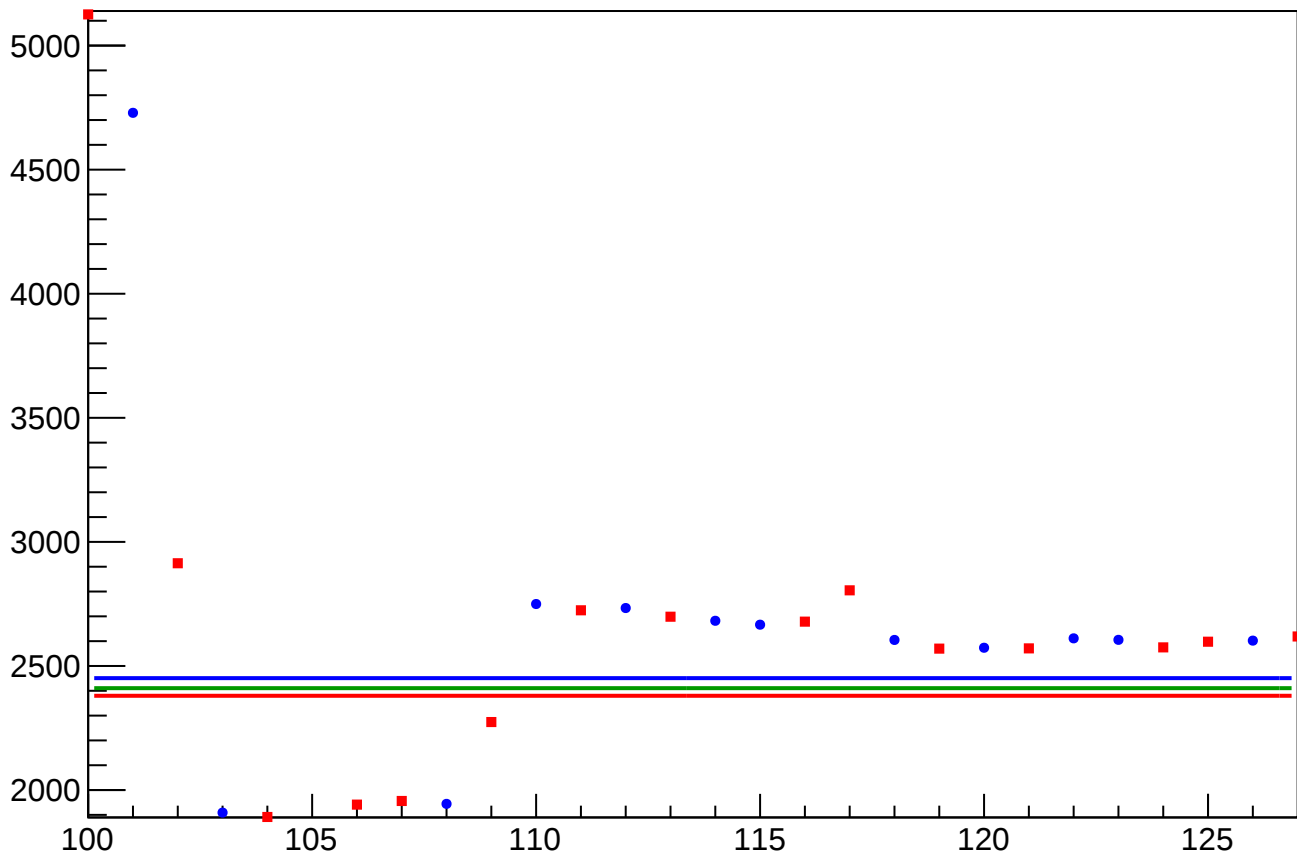
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3515.431+/-1228.120 χ^2/NDF : 6.9/11

2742.055+/-806.801 χ^2/NDF : 15.7/26

2154.883+/-1070.108 χ^2/NDF : 8.1/14

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2450.985 $\pm$ 0.868 χ^2 /NDF: 448453.9/11

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

Right Out: 2379.918 $\pm$ 0.757 χ^2 /NDF: 250975.1/14

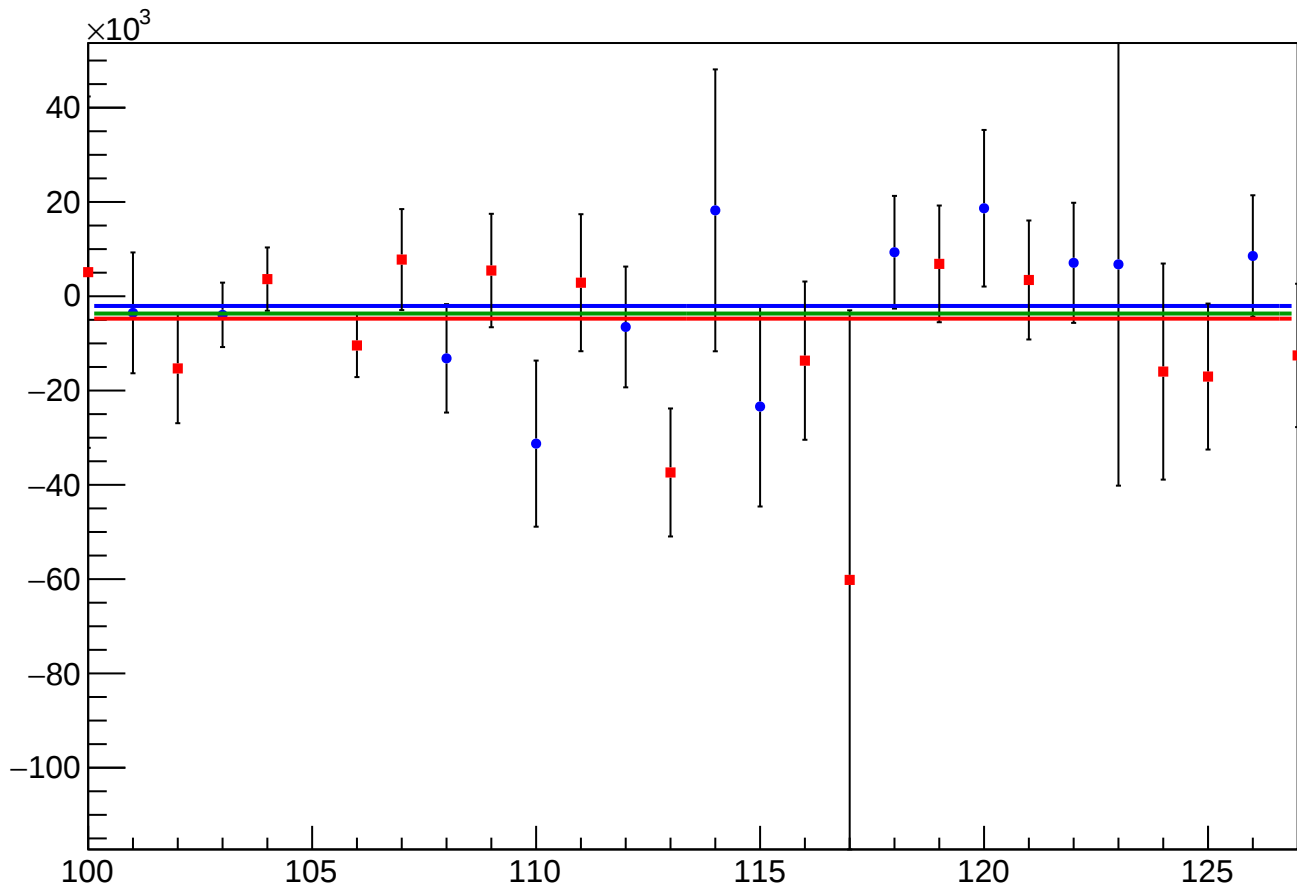
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2450.985 $\pm$ 0.868 χ^2 /NDF: 448453.9/11

2410.588 $\pm$ 0.570 χ^2 /NDF: 703235.8/26

2379.918 $\pm$ 0.757 χ^2 /NDF: 250975.1/14

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -2058.038+/-3753.079 χ^2 /NDF: 9.1/11

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

Right Out: -4750.348+/-3080.767 χ^2 /NDF: 15.0/14

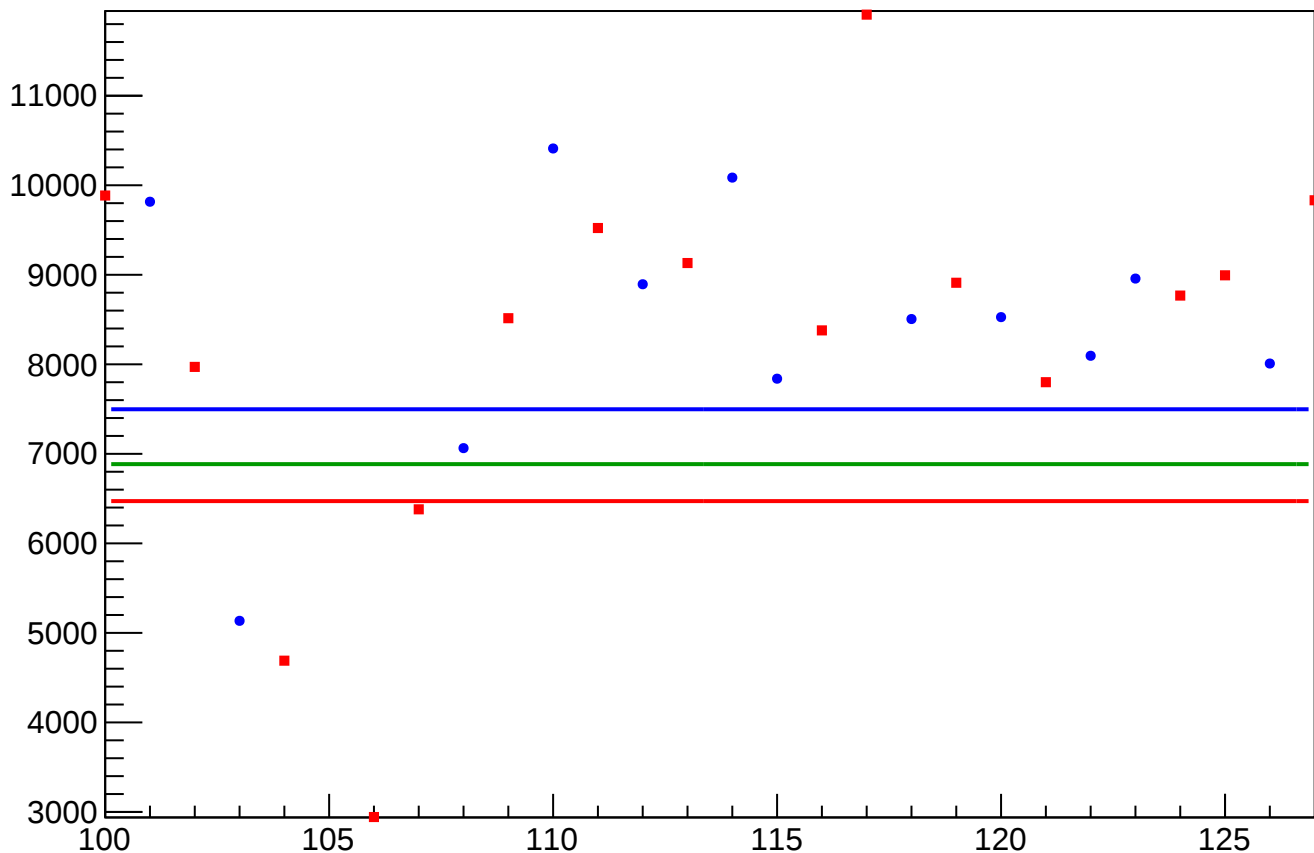
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2058.038+/-3753.079 χ^2 /NDF: 9.1/11

-3666.523+/-2381.249 χ^2 /NDF: 24.3/26

-4750.348+/-3080.767 χ^2 /NDF: 15.0/14

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7497.898+/-2.654 χ^2/NDF : 432805.0/11

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

Right Out: 6472.106+/-2.178 χ^2/NDF : 1281210.6/14

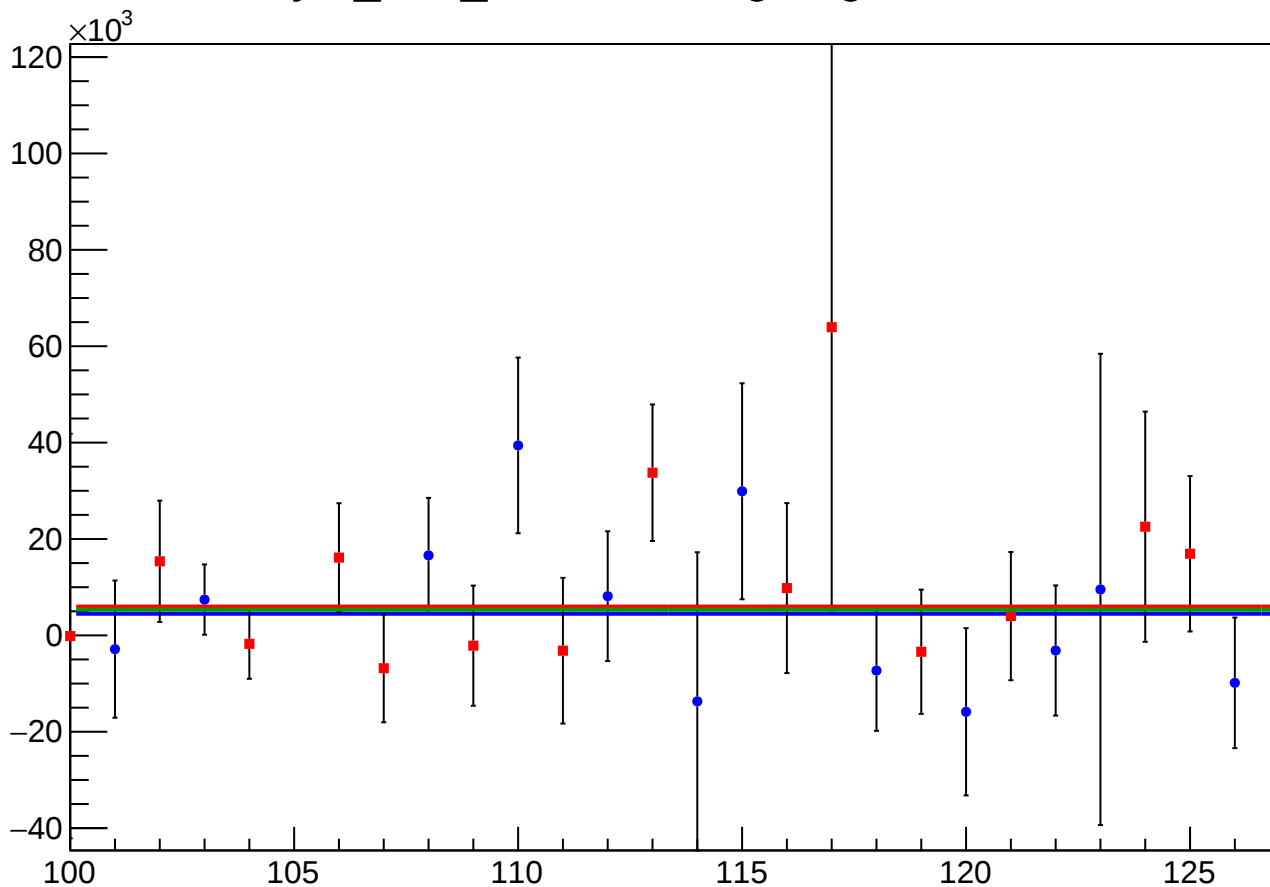
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7497.898+/-2.654 χ^2/NDF : 432805.0/11

6885.052+/-1.684 χ^2/NDF : 1803277.3/26

6472.106+/-2.178 χ^2/NDF : 1281210.6/14

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4492.839+/-3971.964 χ^2 /NDF: 10.5/11

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

Right Out: 5983.074+/-3485.619 χ^2 /NDF: 11.3/14

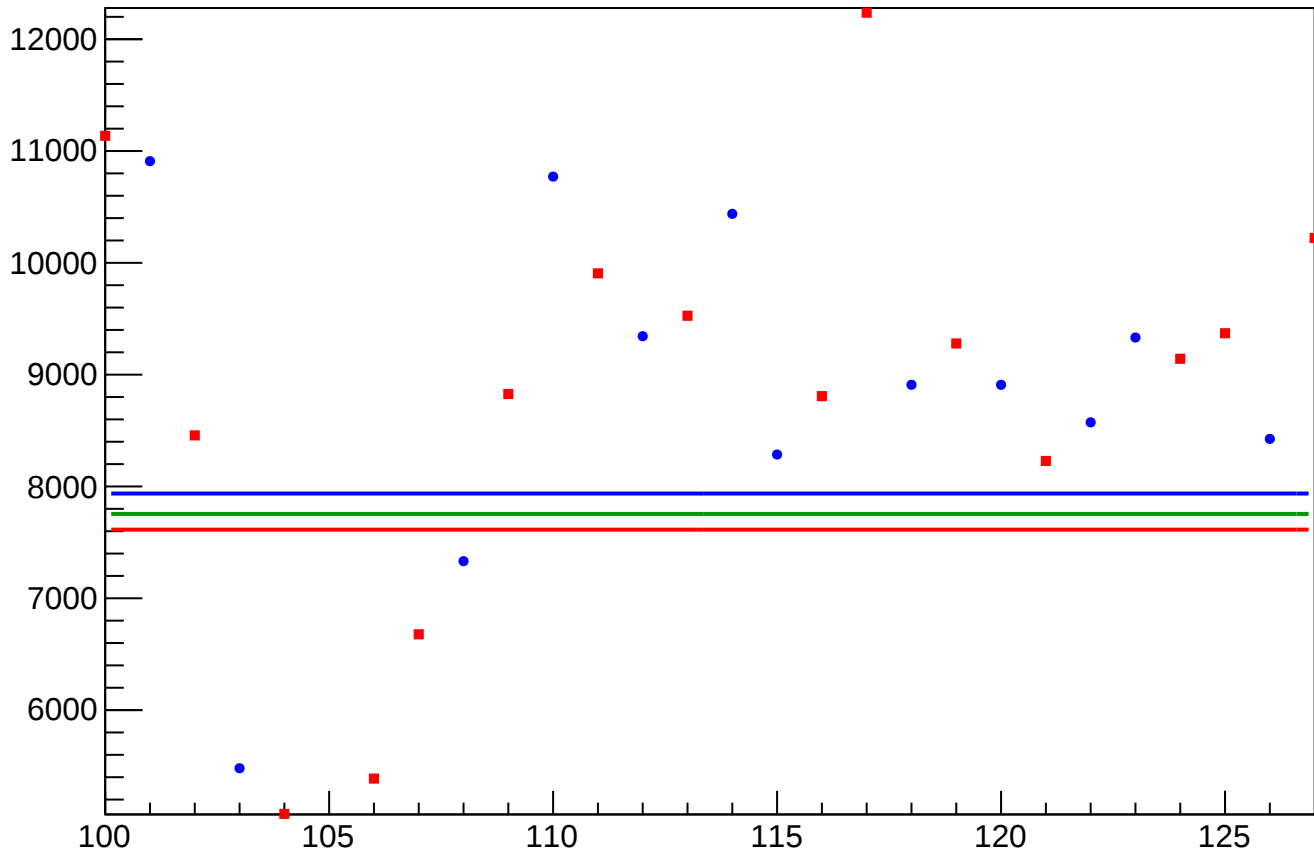
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4492.839+/-3971.964 χ^2 /NDF: 10.5/11

5334.731+/-2619.875 χ^2 /NDF: 21.9/26

5983.074+/-3485.619 χ^2 /NDF: 11.3/14

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7936.822+/-2.809 χ^2/NDF : 430209.7/11

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

Right Out: 7614.073+/-2.465 χ^2/NDF : 607884.4/14

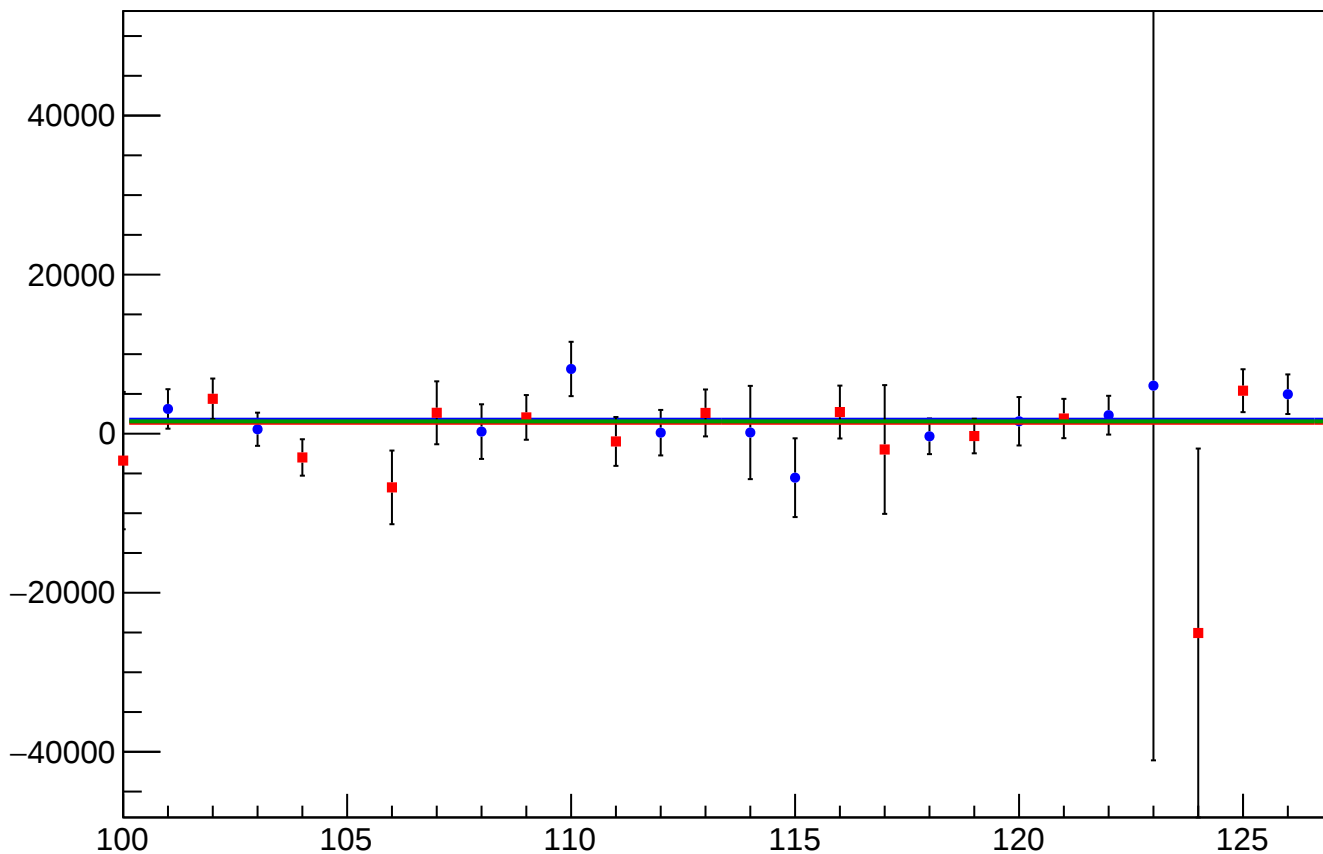
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7936.822+/-2.809 χ^2/NDF : 430209.7/11

7754.482+/-1.852 χ^2/NDF : 1045554.6/26

7614.073+/-2.465 χ^2/NDF : 607884.4/14

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1756.692 $\pm$ 847.836 χ^2 /NDF: 9.5/11

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

Right Out: 1370.856 $\pm$ 786.079 χ^2 /NDF: 14.9/14

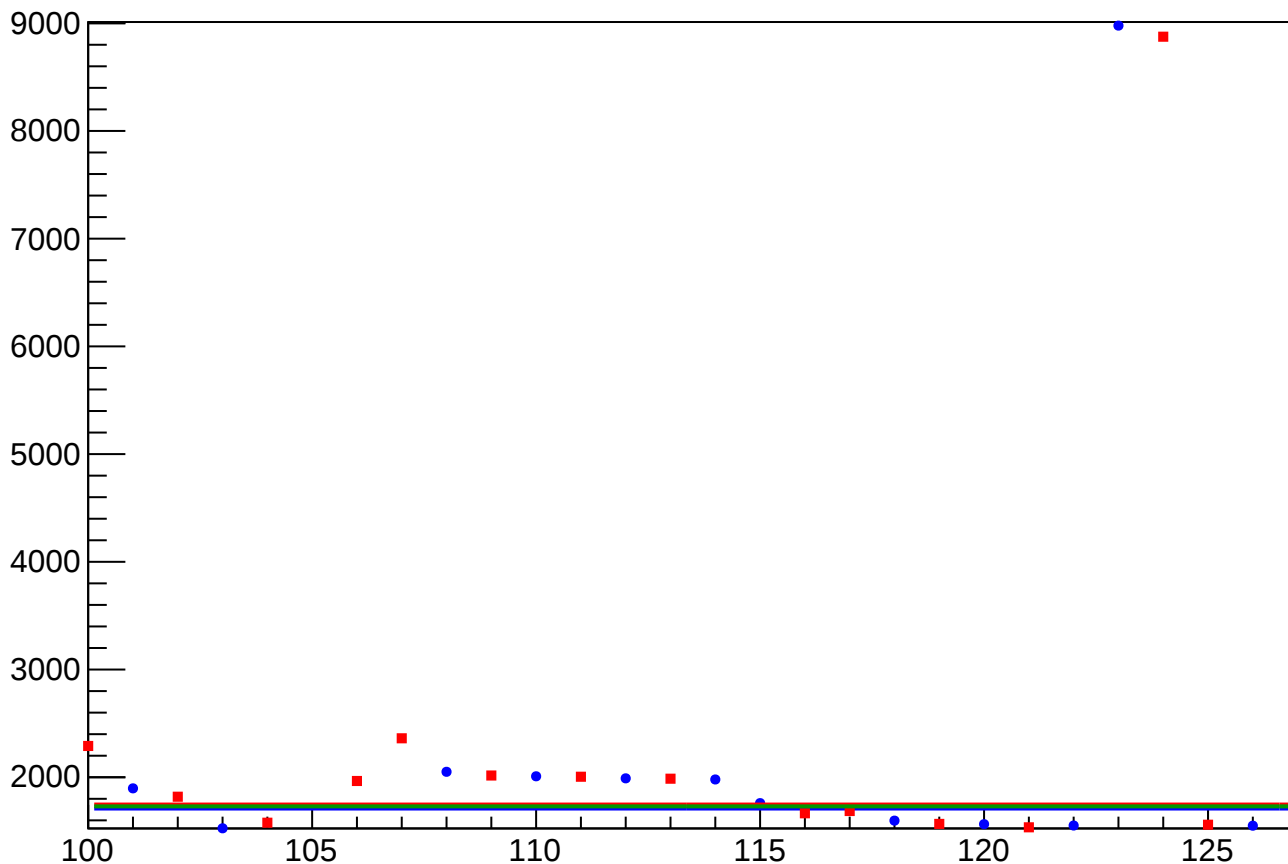
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1756.692 $\pm$ 847.836 χ^2 /NDF: 9.5/11

1549.212 $\pm$ 576.439 χ^2 /NDF: 24.5/26

1370.856 $\pm$ 786.079 χ^2 /NDF: 14.9/14

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1709.737+/-0.600 χ^2/NDF : 159287.9/11

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

Right Out: 1746.666+/-0.552 χ^2/NDF : 363203.7/14

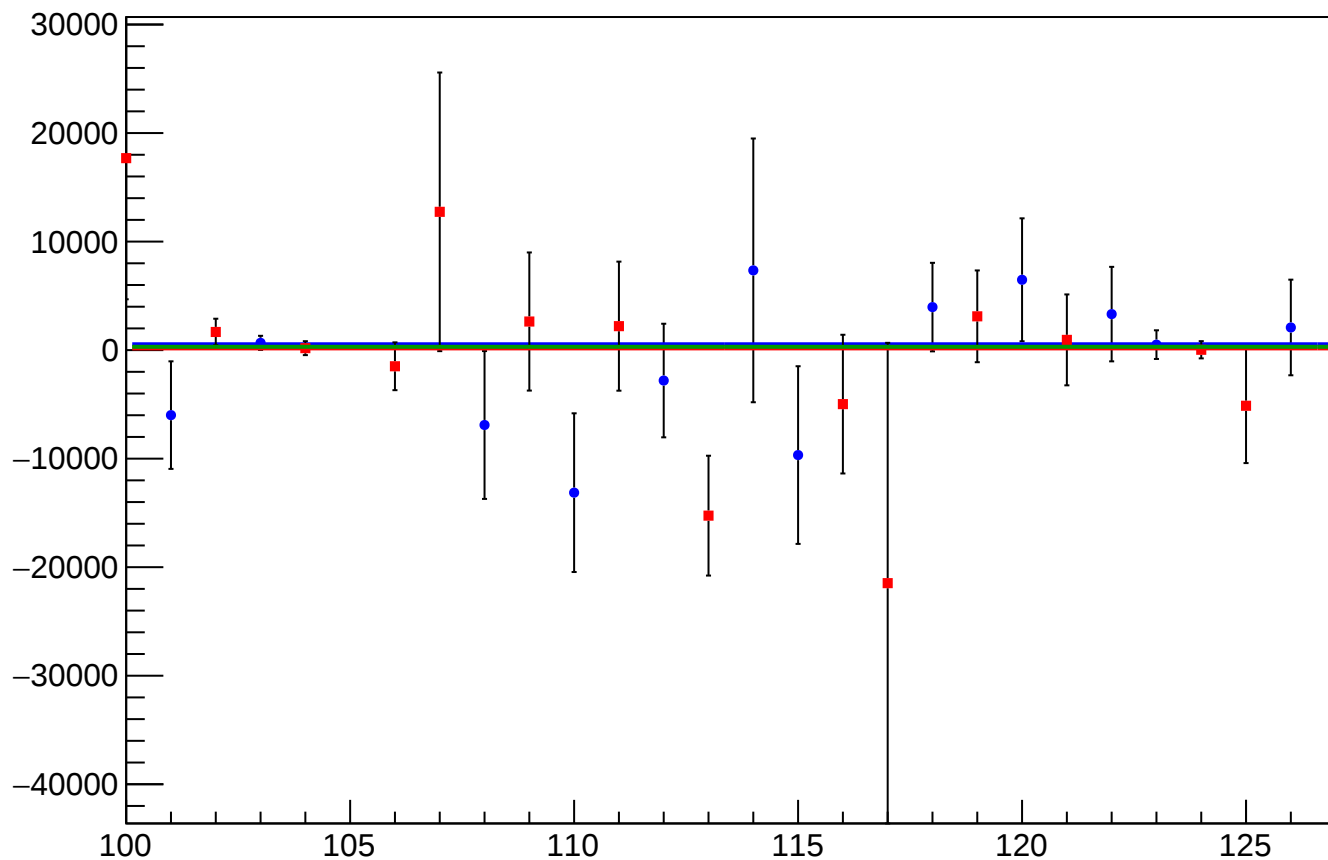
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1709.737+/-0.600 χ^2/NDF : 159287.9/11

1729.707+/-0.406 χ^2/NDF : 524543.6/26

1746.666+/-0.552 χ^2/NDF : 363203.7/14

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 538.880+/-551.758 χ^2/NDF : 11.1/11

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

Right Out: 158.326+/-438.159 χ^2/NDF : 16.9/14

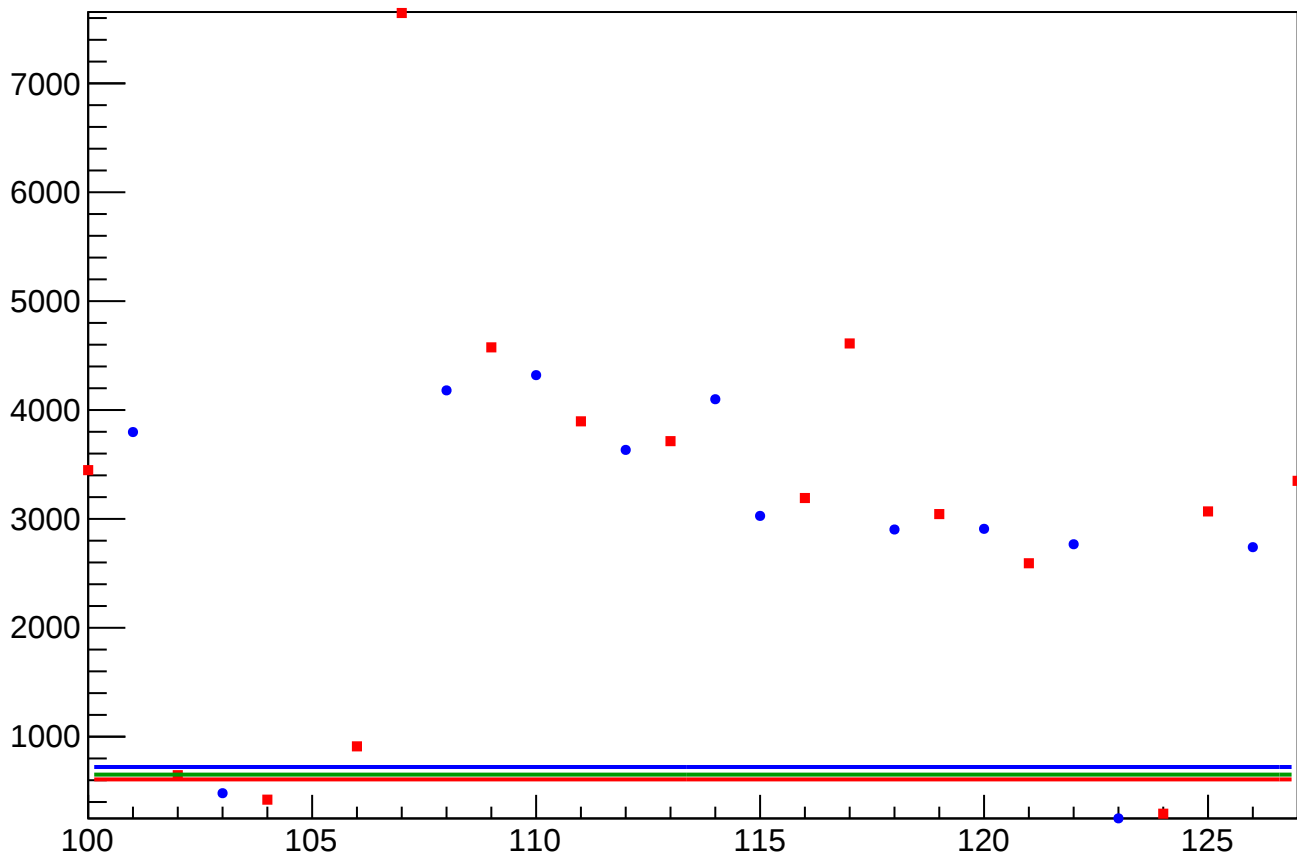
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

538.880+/-551.758 χ^2/NDF : 11.1/11

305.500+/-343.128 χ^2/NDF : 28.3/26

158.326+/-438.159 χ^2/NDF : 16.9/14

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 721.538+/-0.390 χ^2/NDF : 4965621.8/11

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

Right Out: 607.537+/-0.310 χ^2/NDF : 5744318.6/14

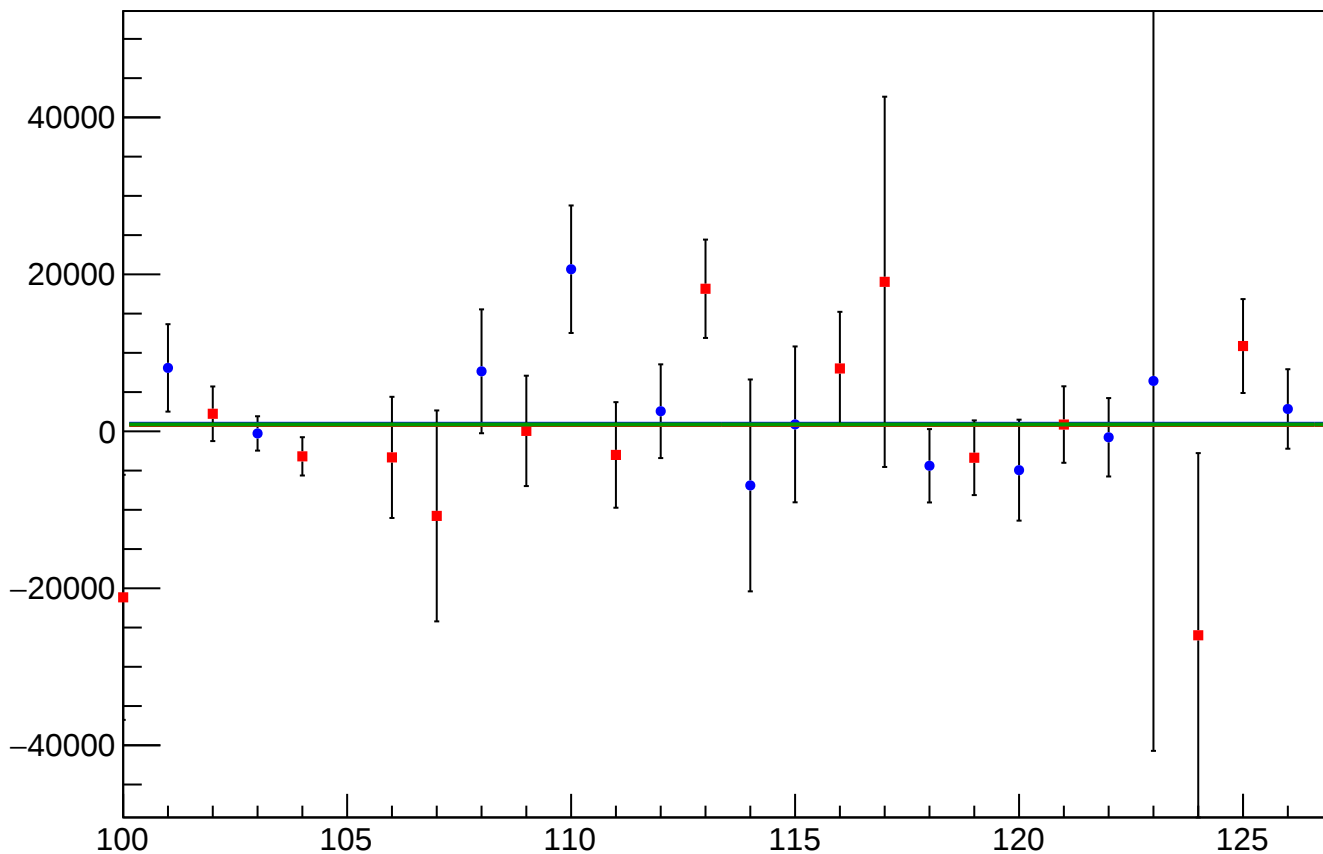
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

721.538+/-0.390 χ^2/NDF : 4965621.8/11

651.625+/-0.243 χ^2/NDF : 10762300.1/26

607.537+/-0.310 χ^2/NDF : 5744318.6/14

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 959.907+/-1465.885 χ^2/NDF : 11.4/11

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

Right Out: 808.401+/-1397.351 χ^2/NDF : 21.9/14

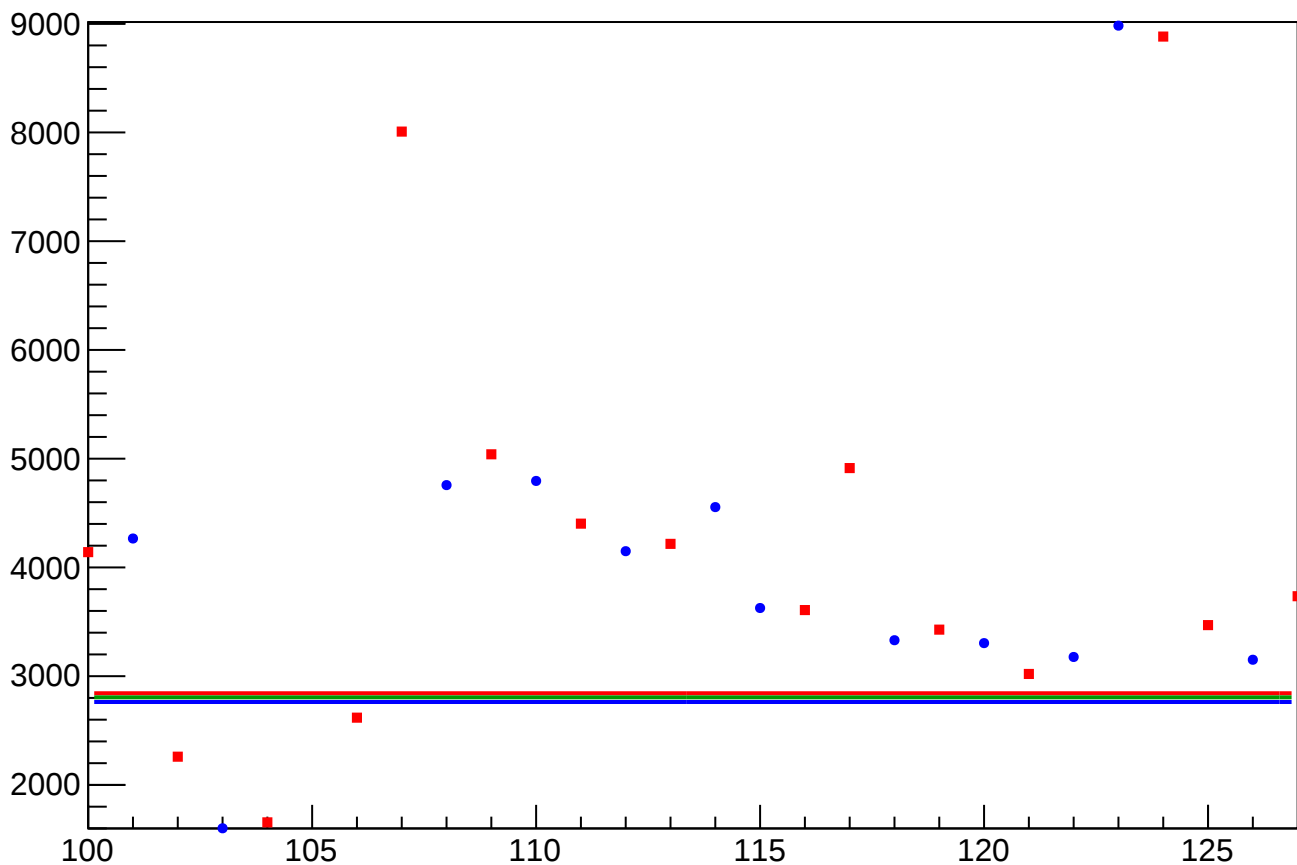
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

959.907+/-1465.885 χ^2/NDF : 11.4/11

880.530+/-1011.437 χ^2/NDF : 33.3/26

808.401+/-1397.351 χ^2/NDF : 21.9/14

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2762.540+/-1.037 χ^2/NDF : 1224174.4/11

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

Right Out: 2843.033+/-0.971 χ^2/NDF : 1517586.0/14

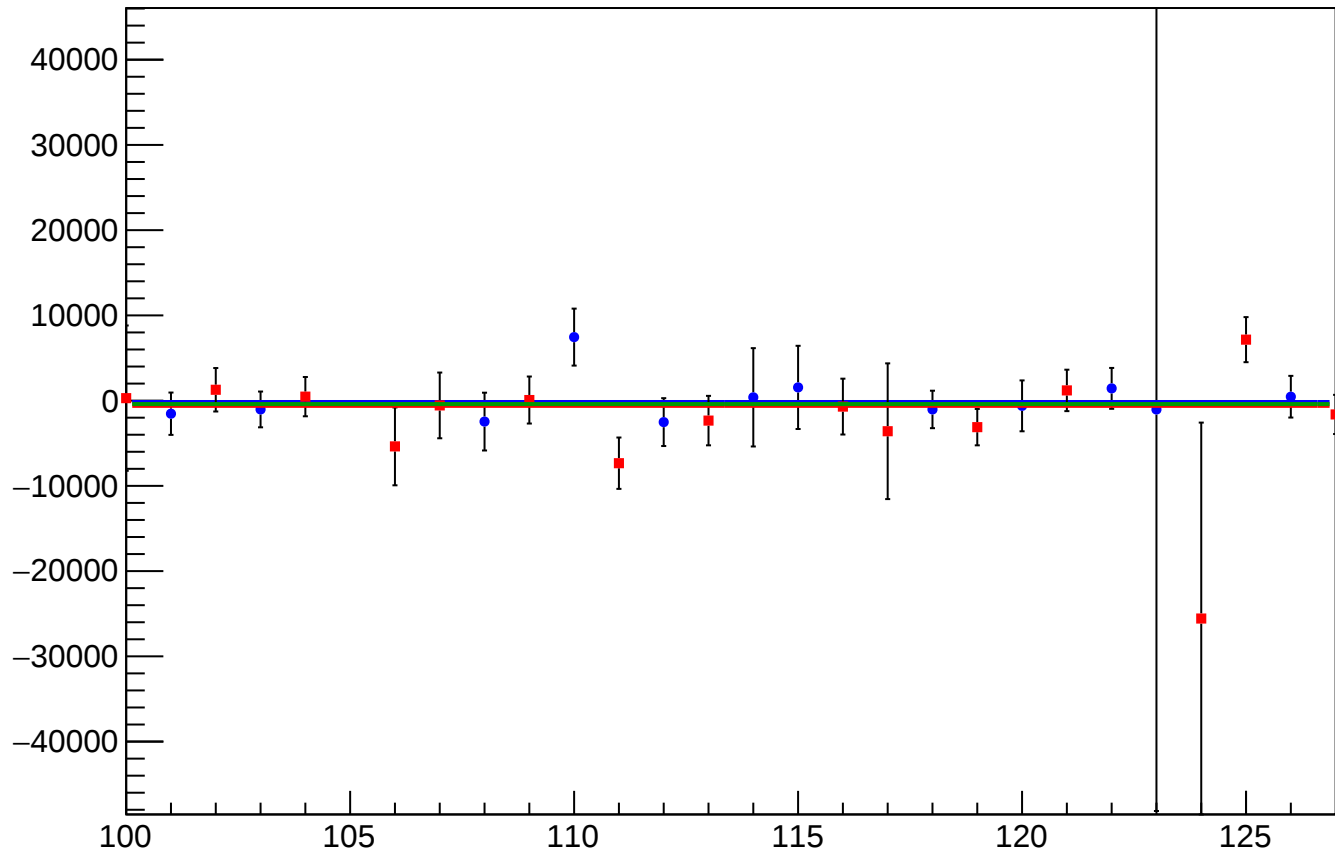
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2762.540+/-1.037 χ^2/NDF : 1224174.4/11

2805.400+/-0.709 χ^2/NDF : 2744971.5/26

2843.033+/-0.971 χ^2/NDF : 1517586.0/14

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -160.399+/-837.563 χ^2/NDF : 7.7/11

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

Right Out: -612.476+/-775.289 χ^2/NDF : 19.3/14

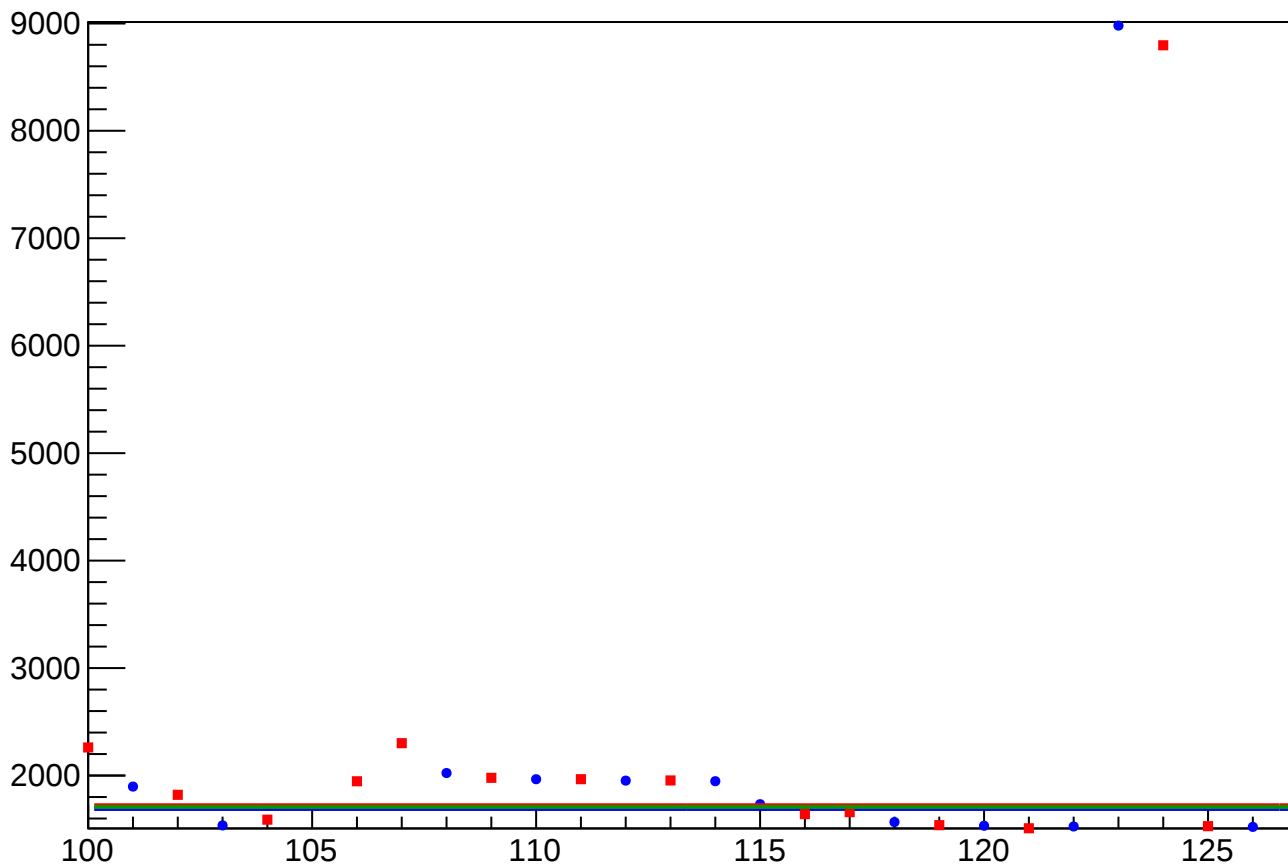
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-160.399+/-837.563 χ^2/NDF : 7.7/11

-403.867+/-568.955 χ^2/NDF : 27.1/26

-612.476+/-775.289 χ^2/NDF : 19.3/14

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1689.240+/-0.592 χ^2/NDF : 157815.7/11

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

Right Out: 1723.409+/-0.545 χ^2/NDF : 360202.2/14

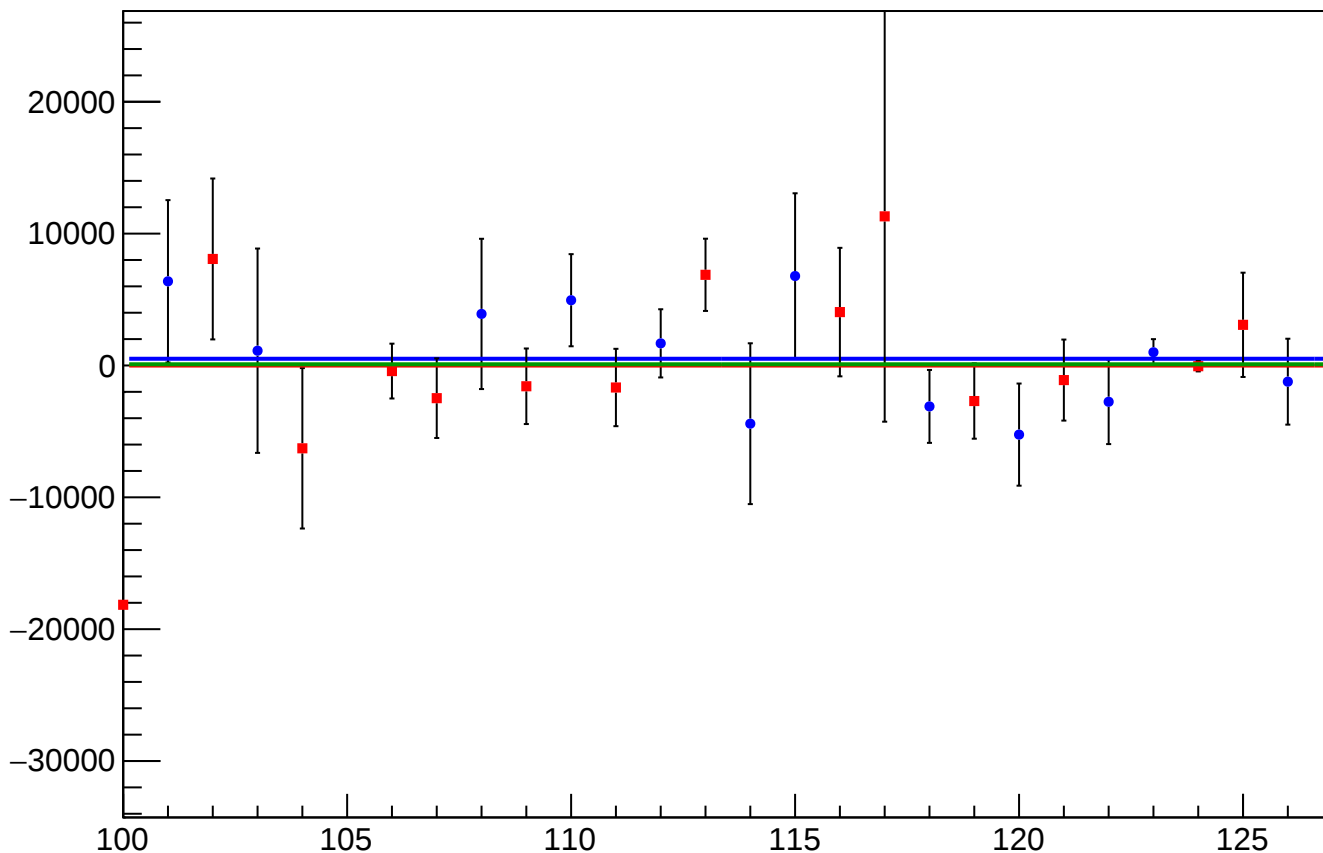
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1689.240+/-0.592 χ^2/NDF : 157815.7/11

1707.743+/-0.401 χ^2/NDF : 519820.4/26

1723.409+/-0.545 χ^2/NDF : 360202.2/14

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 509.315 $\pm$ 753.698 χ^2 /NDF: 10.2/11

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

Right Out: -5.972 $\pm$ 361.658 χ^2 /NDF: 15.3/14

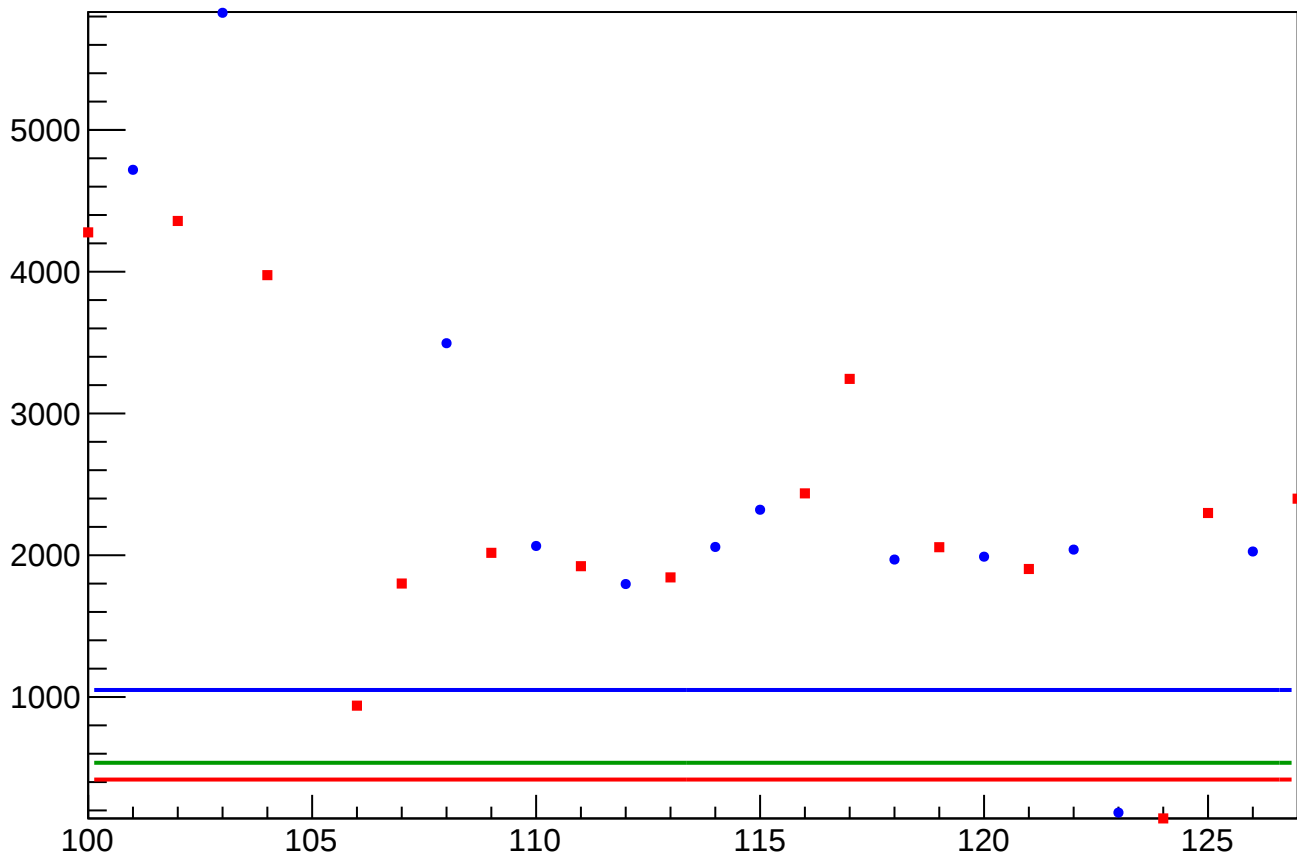
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

509.315 $\pm$ 753.698 χ^2 /NDF: 10.2/11

90.468 $\pm$ 326.063 χ^2 /NDF: 25.9/26

-5.972 $\pm$ 361.658 χ^2 /NDF: 15.3/14

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1049.598 $\pm$ 0.533 χ^2 /NDF: 4538187.1/11

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

Right Out: 417.786 $\pm$ 0.256 χ^2 /NDF: 7413047.4/14

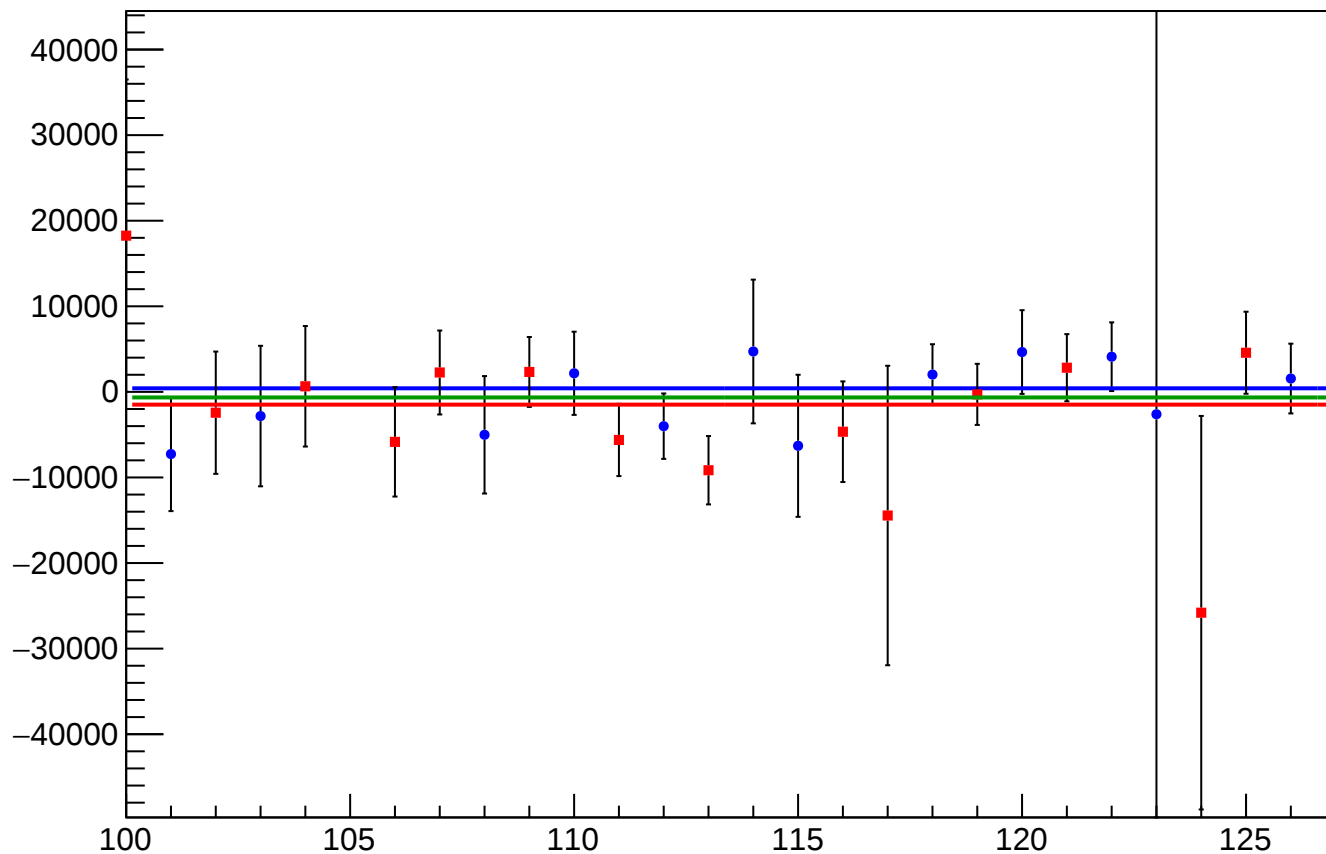
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1049.598 $\pm$ 0.533 χ^2 /NDF: 4538187.1/11

536.034 $\pm$ 0.231 χ^2 /NDF: 13093632.9/26

417.786 $\pm$ 0.256 χ^2 /NDF: 7413047.4/14

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 417.247+/-1503.778 χ^2/NDF : 6.4/11

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

Right Out: -1490.689+/-1334.554 χ^2/NDF : 12.9/14

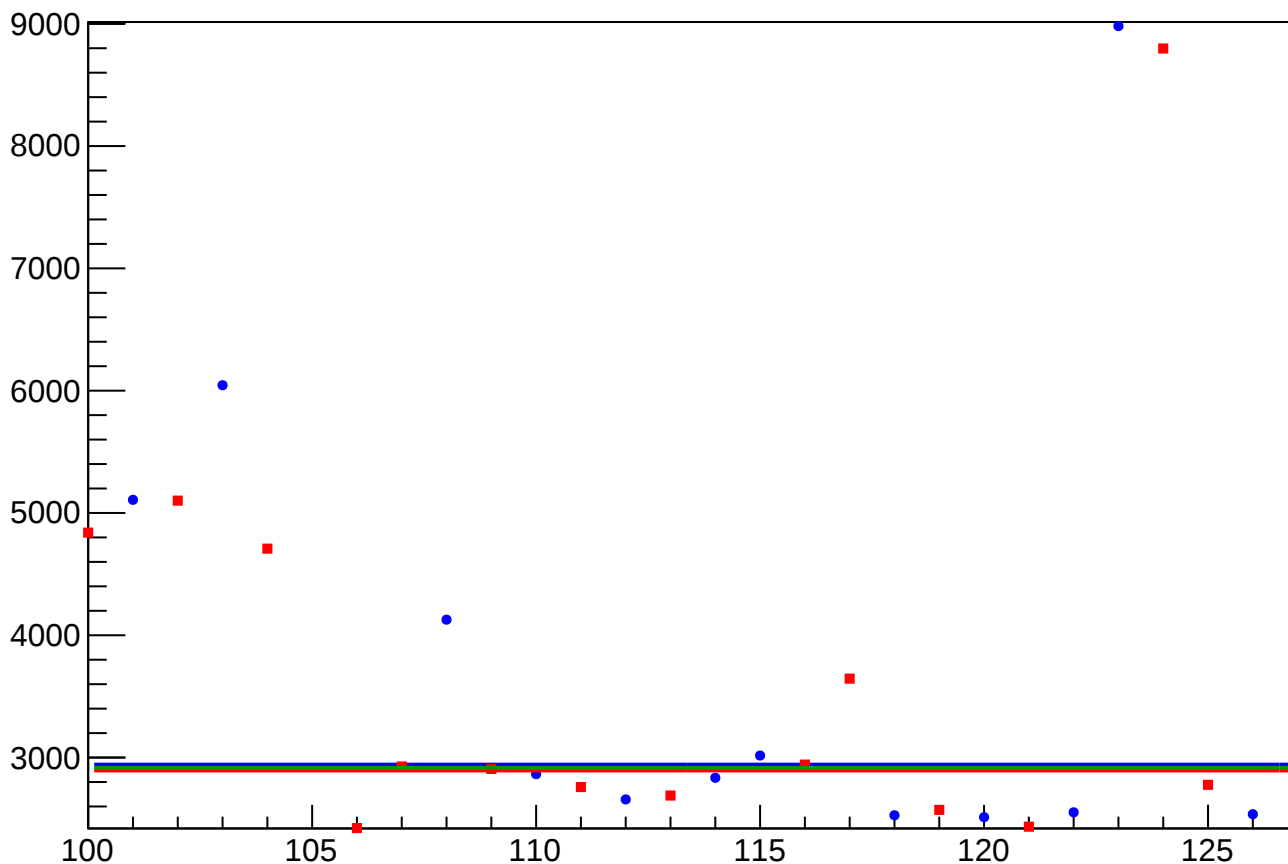
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

417.247+/-1503.778 χ^2/NDF : 6.4/11

-650.072+/-998.162 χ^2/NDF : 20.2/26

-1490.689+/-1334.554 χ^2/NDF : 12.9/14

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2941.988 $\pm$ 1.063 χ^2 /NDF: 682673.7/11

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

Right Out: 2894.951 $\pm$ 0.929 χ^2 /NDF: 553063.3/14

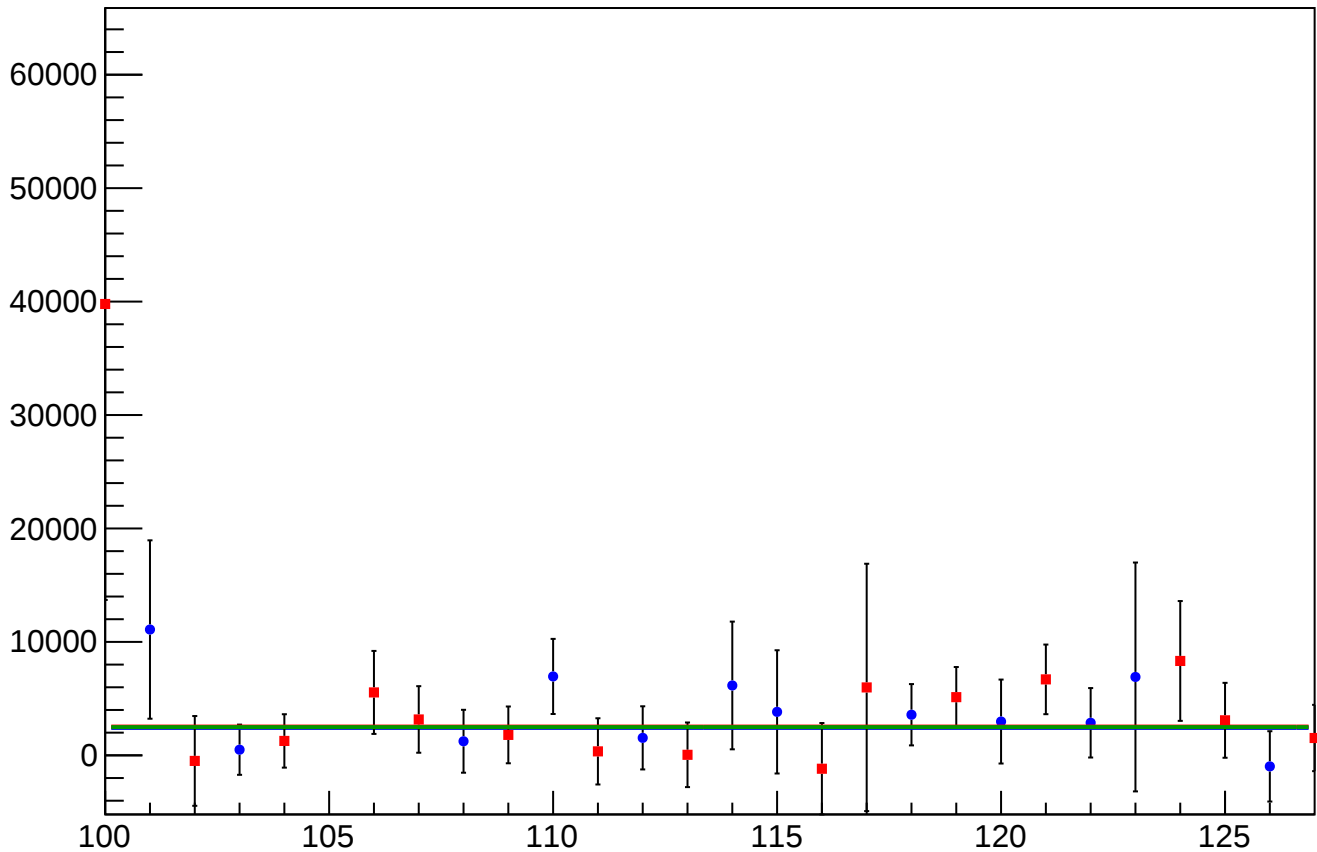
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2941.988 $\pm$ 1.063 χ^2 /NDF: 682673.7/11

2915.312 $\pm$ 0.700 χ^2 /NDF: 1236846.8/26

2894.951 $\pm$ 0.929 χ^2 /NDF: 553063.3/14

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2419.369+/-968.260 χ^2/NDF : 6.3/11

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

Right Out: 2536.322+/-845.276 χ^2/NDF : 10.1/14

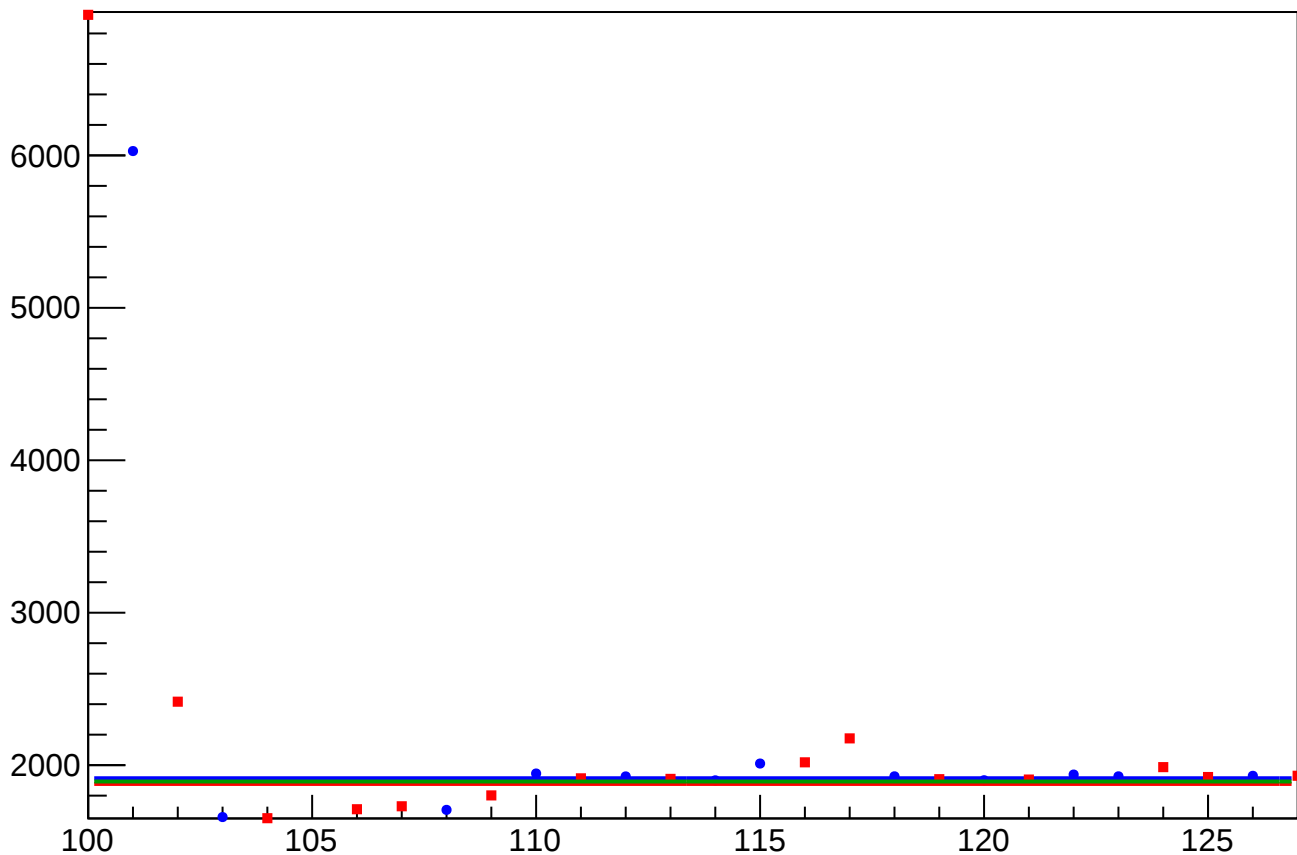
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2419.369+/-968.260 χ^2/NDF : 6.3/11

2485.740+/-636.771 χ^2/NDF : 16.4/26

2536.322+/-845.276 χ^2/NDF : 10.1/14

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1914.062+/-0.685 χ^2/NDF : 586356.9/11

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

Right Out: 1876.762+/-0.596 χ^2/NDF : 148540.6/14

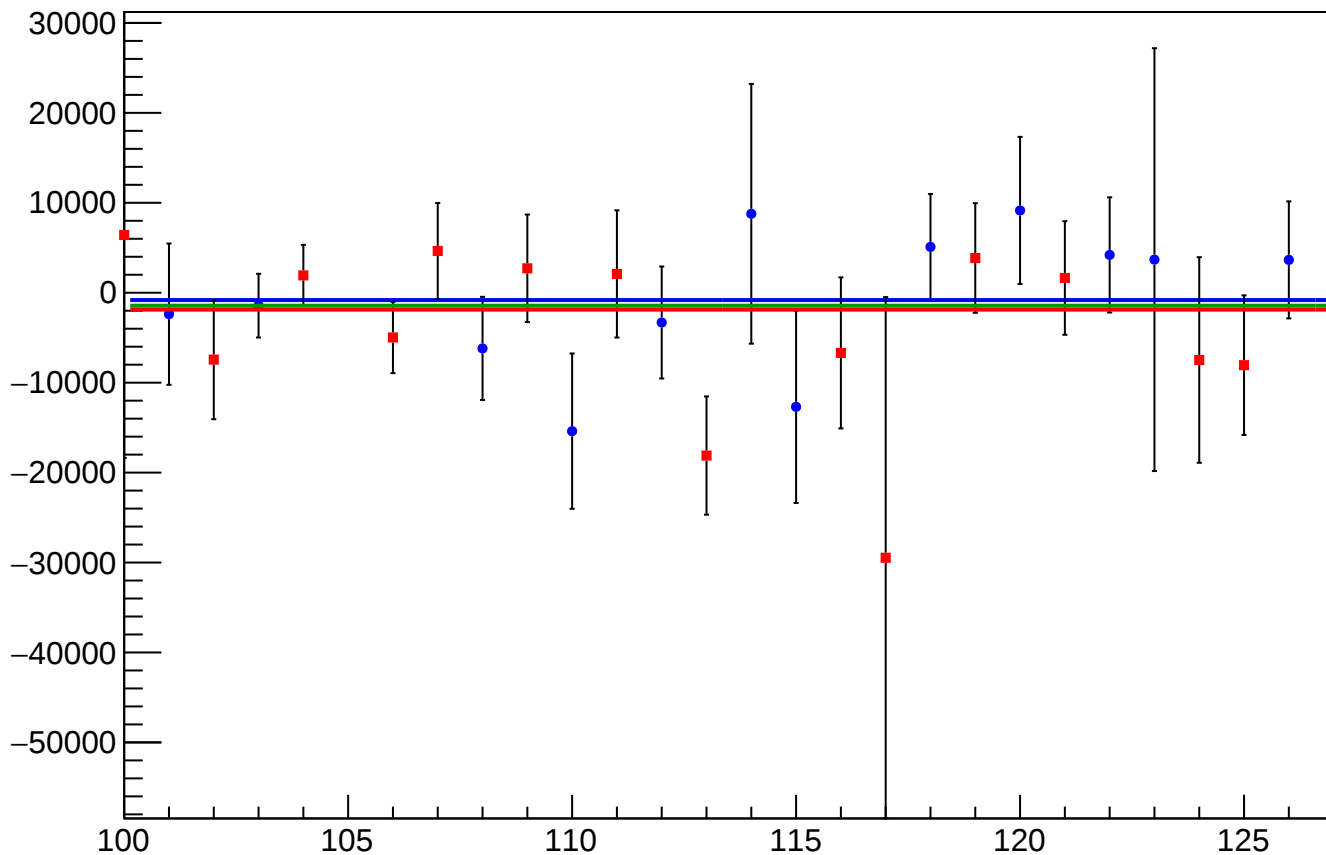
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1914.062+/-0.685 χ^2/NDF : 586356.9/11

1892.838+/-0.449 χ^2/NDF : 736586.2/26

1876.762+/-0.596 χ^2/NDF : 148540.6/14

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -815.731+/-1915.121 χ^2/NDF : 9.2/11

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

Right Out: -1879.478+/-1602.146 χ^2/NDF : 14.8/14

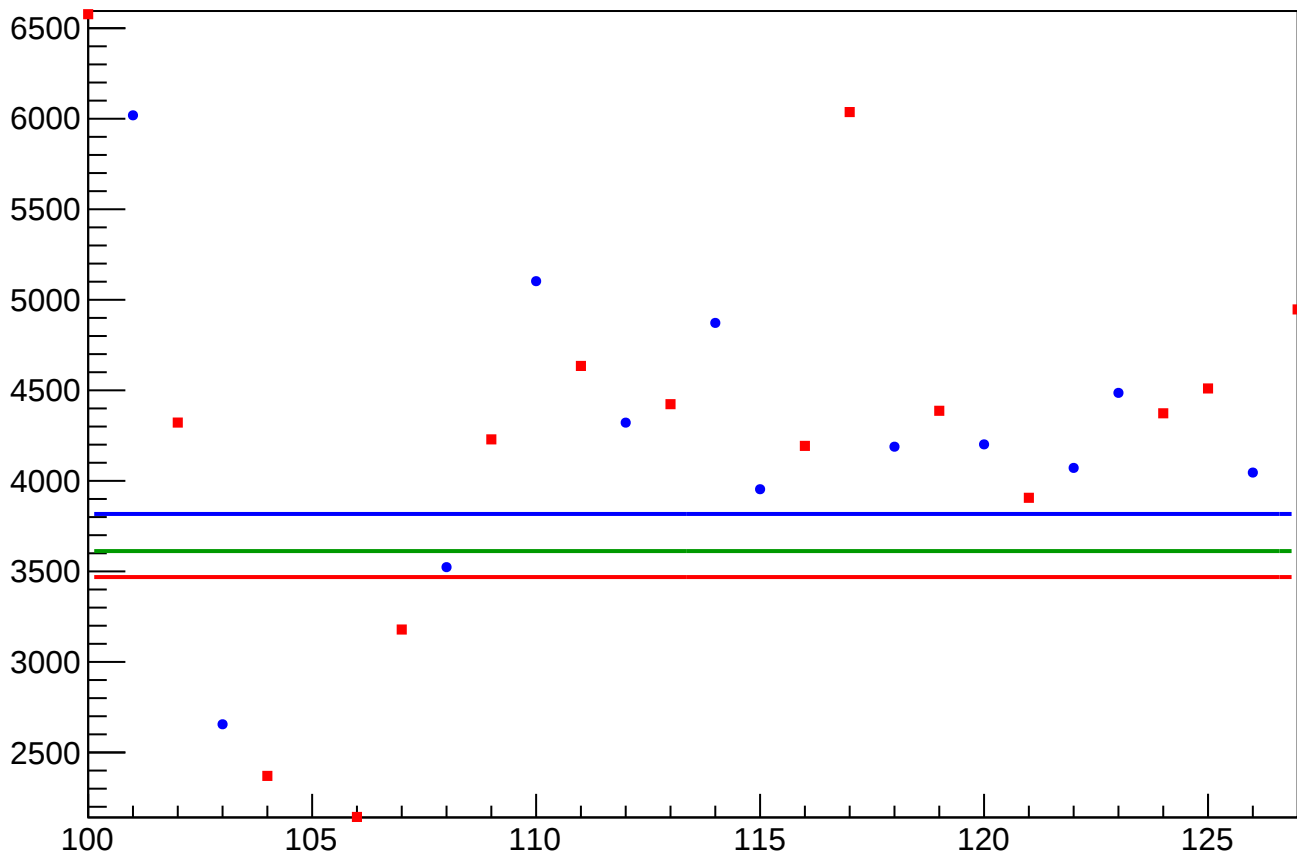
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-815.731+/-1915.121 χ^2/NDF : 9.2/11

-1441.516+/-1228.840 χ^2/NDF : 24.3/26

-1879.478+/-1602.146 χ^2/NDF : 14.8/14

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3817.238+/-1.354 χ^2/NDF : 465437.1/11

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

Right Out: 3468.733+/-1.133 χ^2/NDF : 840474.8/14

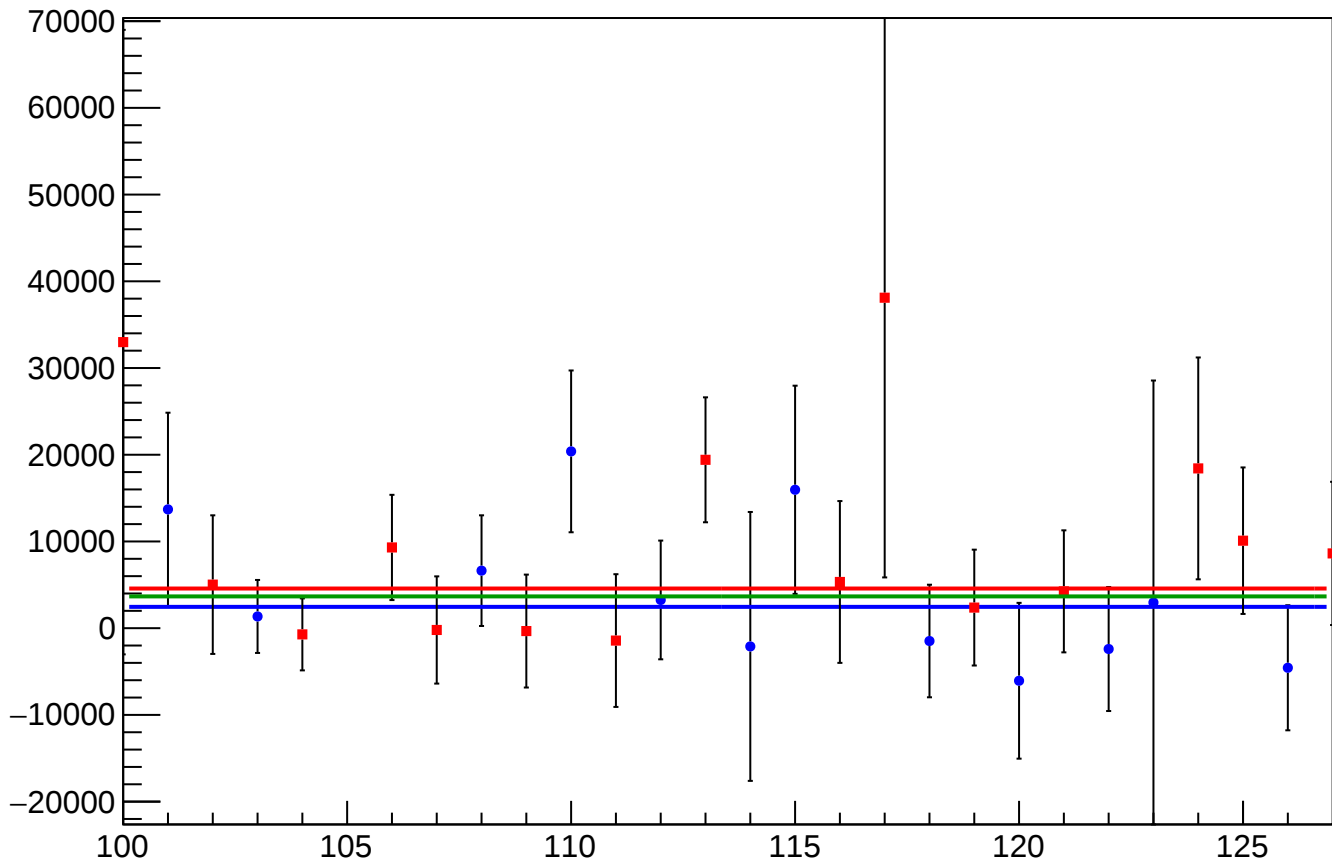
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3817.238+/-1.354 χ^2/NDF : 465437.1/11

3612.218+/-0.869 χ^2/NDF : 1344874.0/26

3468.733+/-1.133 χ^2/NDF : 840474.8/14

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2458.471+/-2185.073 χ^2/NDF : 9.3/11

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

Right Out: 4573.003+/-1898.084 χ^2/NDF : 11.9/14

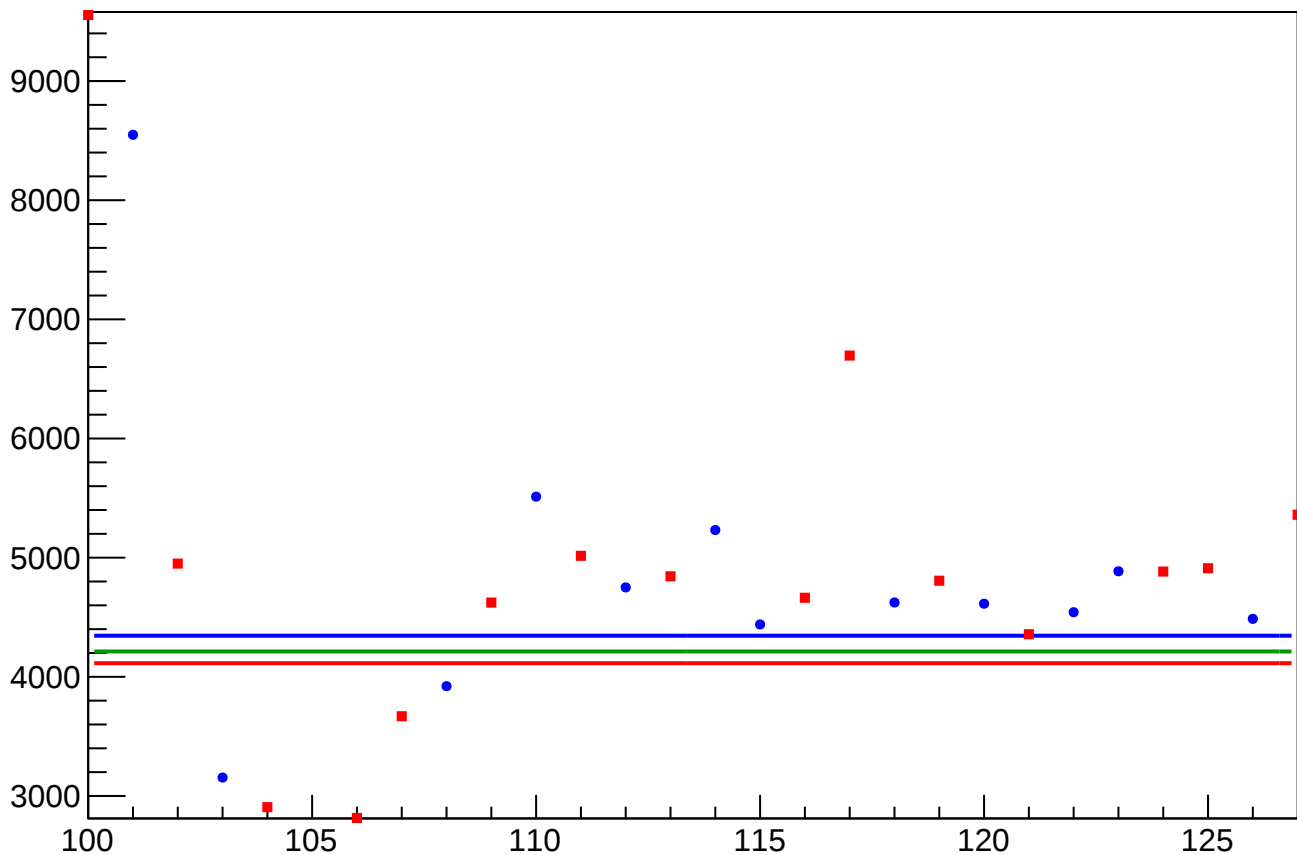
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2458.471+/-2185.073 χ^2/NDF : 9.3/11

3663.629+/-1432.947 χ^2/NDF : 21.7/26

4573.003+/-1898.084 χ^2/NDF : 11.9/14

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4344.974+/-1.545 χ^2/NDF : 506859.9/11

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

Right Out: 4114.308+/-1.333 χ^2/NDF : 526752.9/14

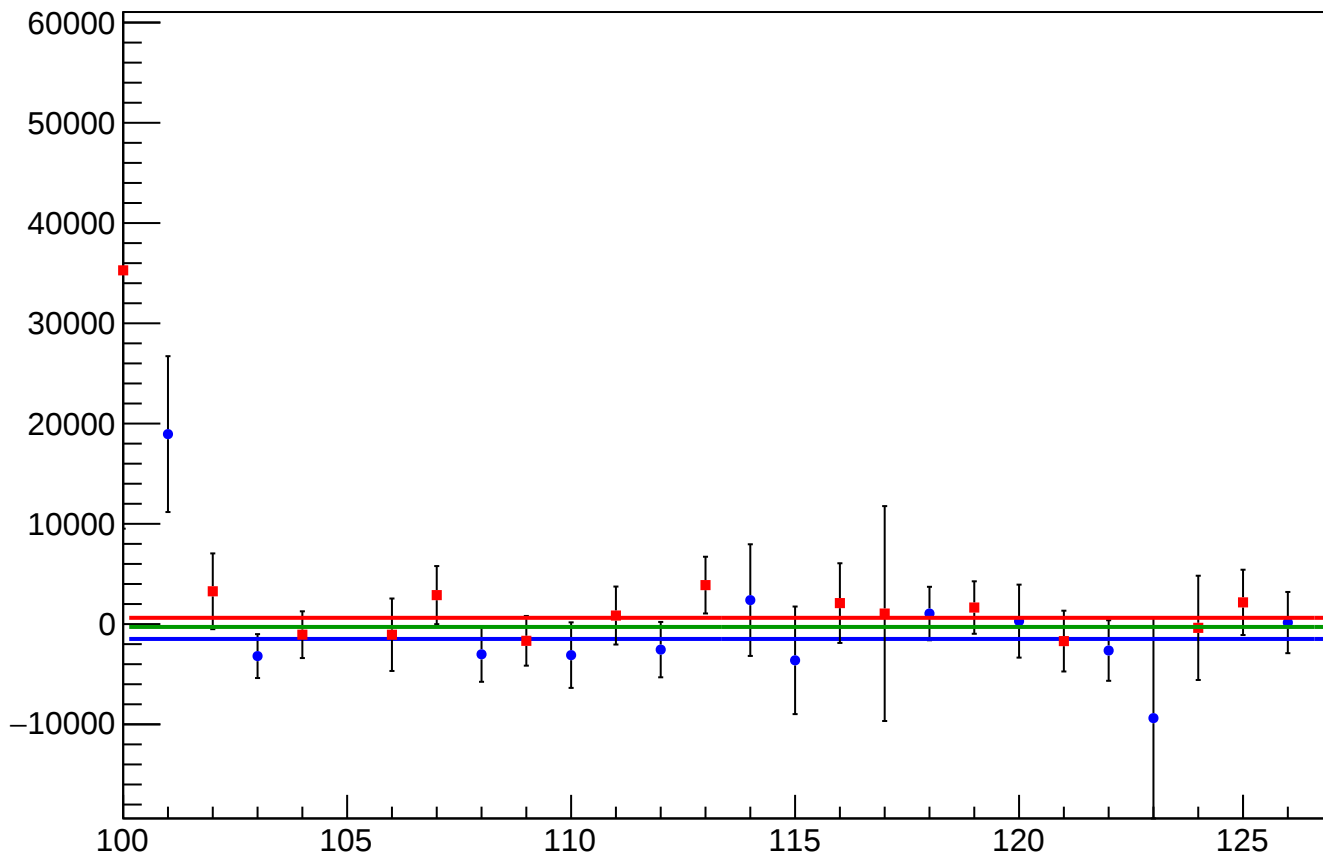
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4344.974+/-1.545 χ^2/NDF : 506859.9/11

4212.717+/-1.009 χ^2/NDF : 1046392.0/26

4114.308+/-1.333 χ^2/NDF : 526752.9/14

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1482.801+/-956.654 χ^2/NDF : 11.1/11

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

Right Out: 625.269+/-834.085 χ^2/NDF : 7.4/14

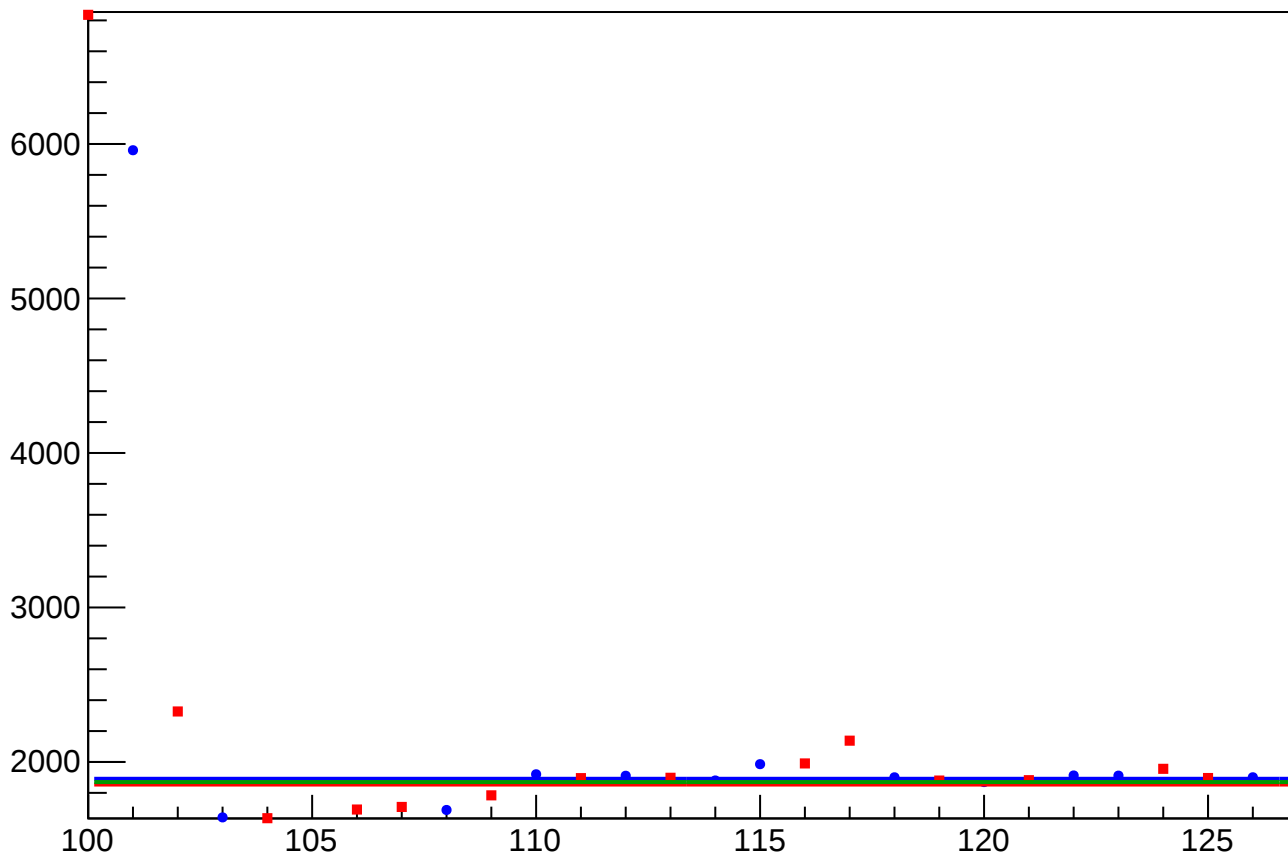
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1482.801+/-956.654 χ^2/NDF : 11.1/11

-285.151+/-628.685 χ^2/NDF : 21.2/26

625.269+/-834.085 χ^2/NDF : 7.4/14

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1891.120+/-0.676 χ^2/NDF : 585871.3/11

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

Right Out: 1853.866+/-0.588 χ^2/NDF : 141295.7/14

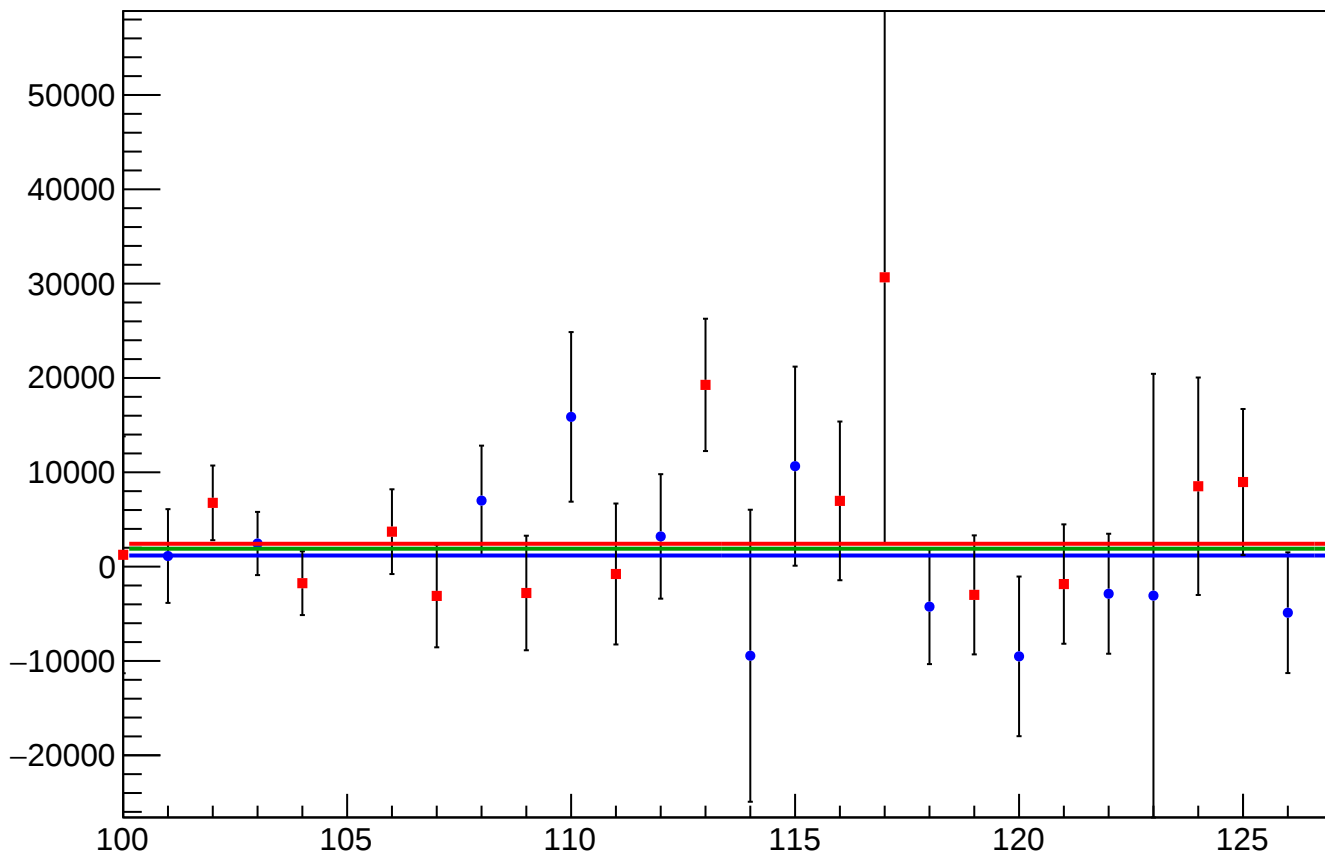
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1891.120+/-0.676 χ^2/NDF : 585871.3/11

1869.901+/-0.444 χ^2/NDF : 728894.5/26

1853.866+/-0.588 χ^2/NDF : 141295.7/14

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1178.511 $\pm$ 1827.593 χ^2 /NDF: 8.9/11

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

Right Out: 2422.676 $\pm$ 1555.262 χ^2 /NDF: 14.2/14

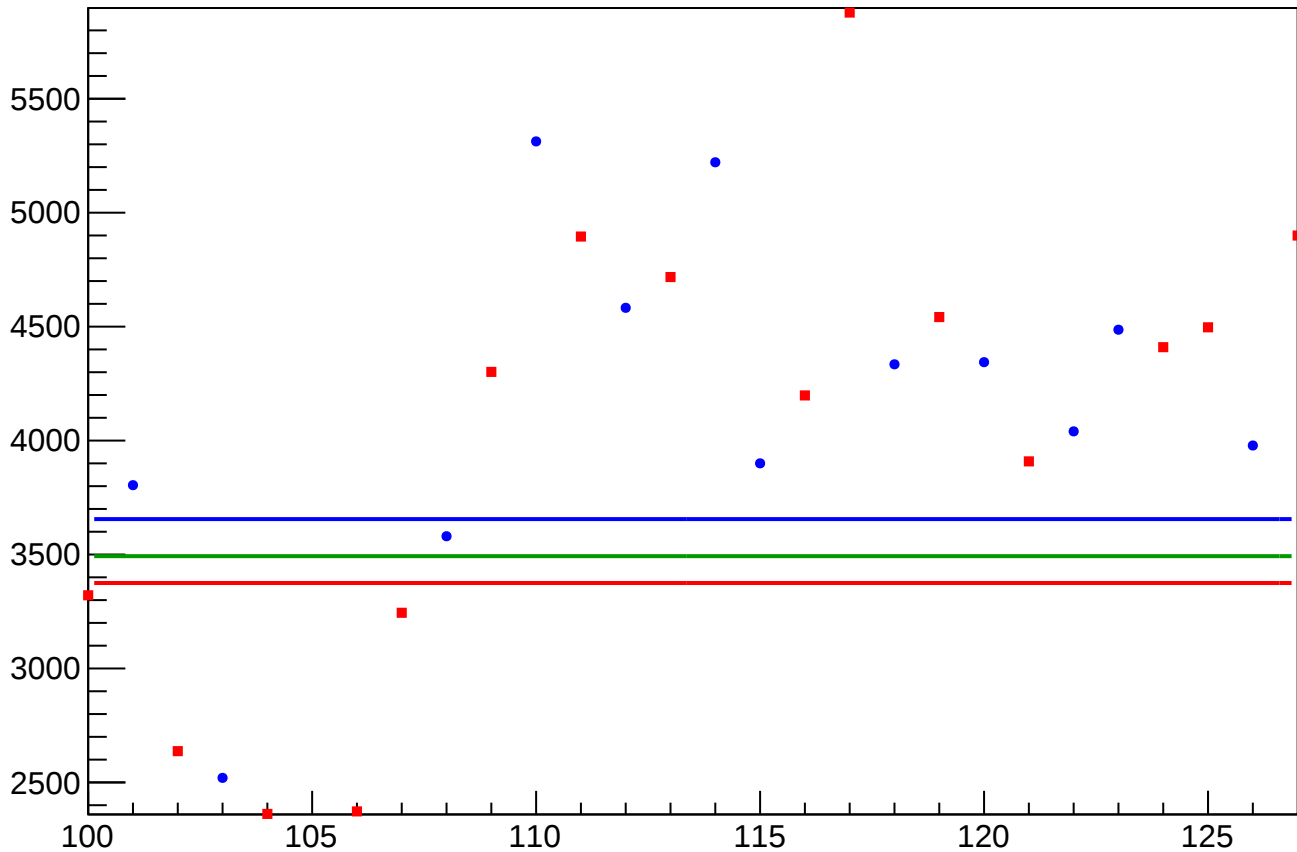
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1178.511 $\pm$ 1827.593 χ^2 /NDF: 8.9/11

1900.108 $\pm$ 1184.437 χ^2 /NDF: 23.4/26

2422.676 $\pm$ 1555.262 χ^2 /NDF: 14.2/14

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3655.474+/-1.292 χ^2/NDF : 413930.8/11

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

Right Out: 3375.053+/-1.100 χ^2/NDF : 809262.5/14

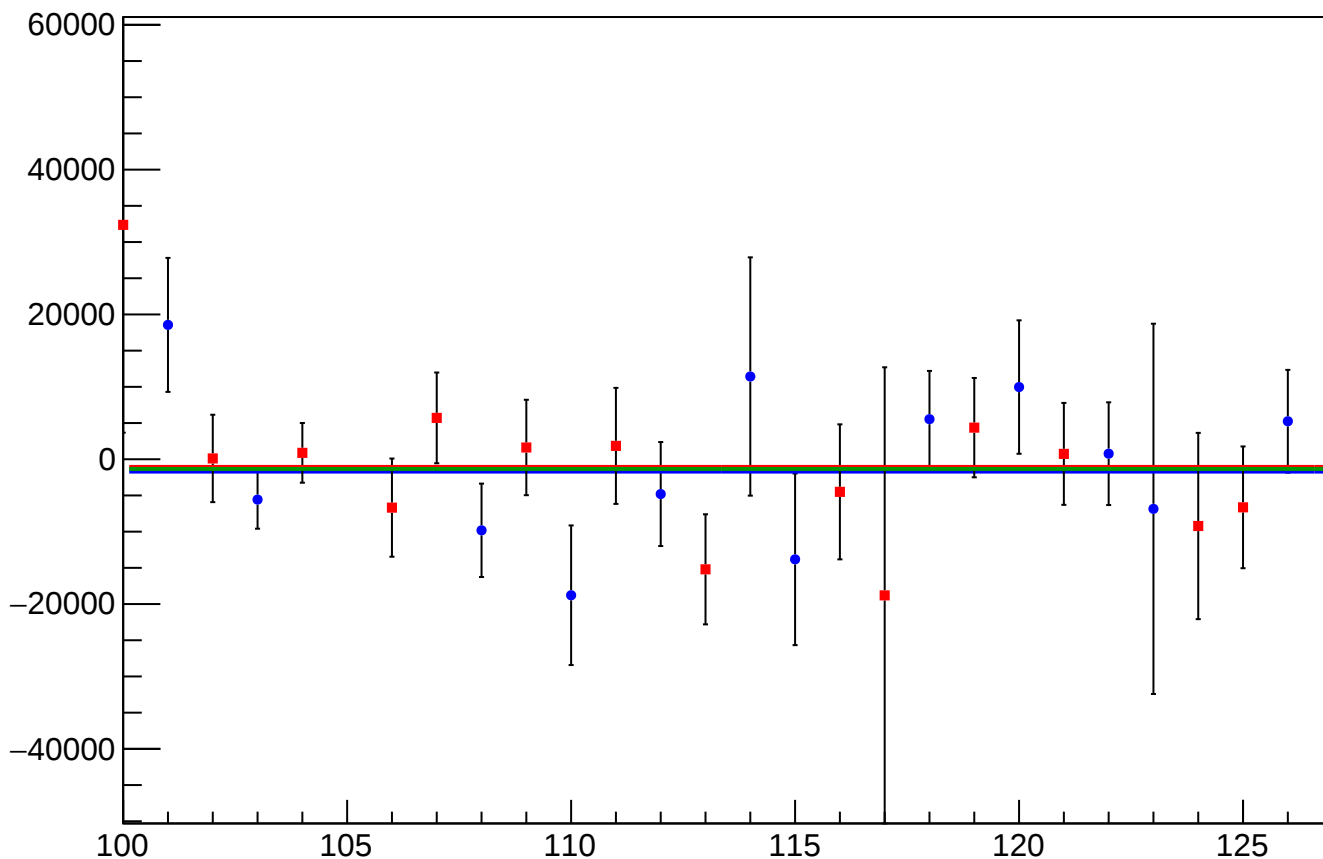
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3655.474+/-1.292 χ^2/NDF : 413930.8/11

3492.834+/-0.838 χ^2/NDF : 1250502.6/26

3375.053+/-1.100 χ^2/NDF : 809262.5/14

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1702.235+/-2161.257 χ^2 /NDF: 16.2/11

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

Right Out: -1061.592+/-1890.767 χ^2 /NDF: 9.5/14

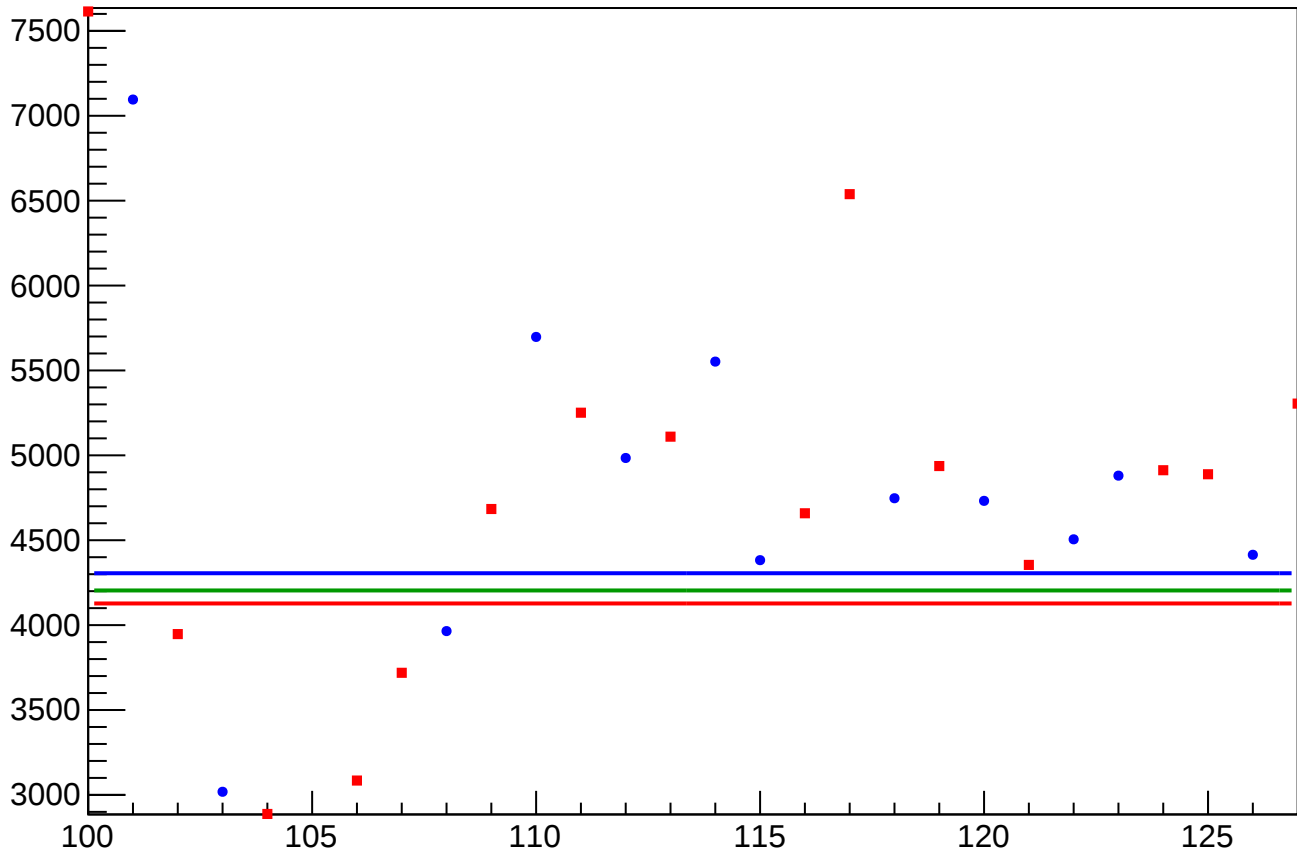
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1702.235+/-2161.257 χ^2 /NDF: 16.2/11

-1339.338+/-1423.056 χ^2 /NDF: 25.8/26

-1061.592+/-1890.767 χ^2 /NDF: 9.5/14

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4305.592+/-1.528 χ^2/NDF : 479695.0/11

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

Right Out: 4127.542+/-1.328 χ^2/NDF : 476915.6/14

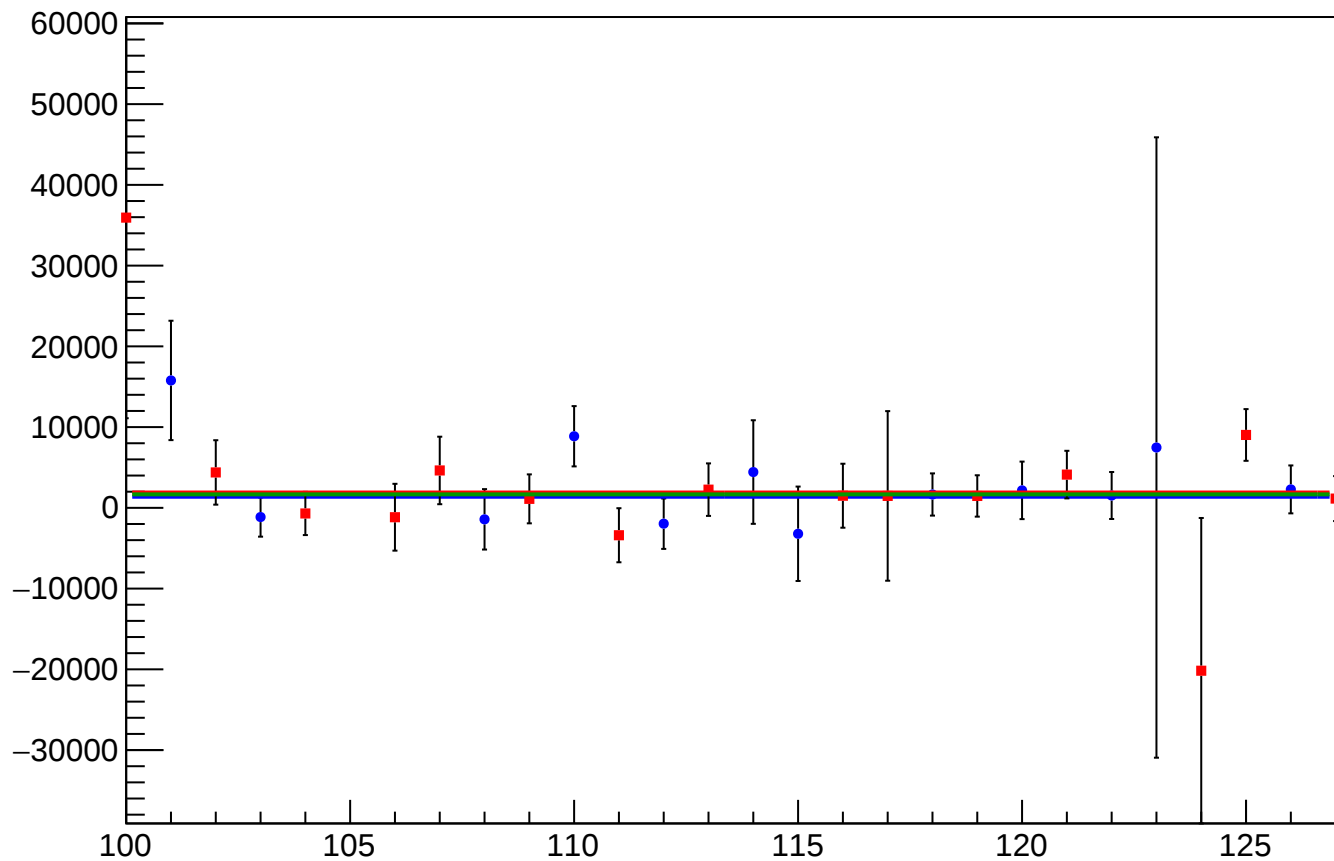
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4305.592+/-1.528 χ^2/NDF : 479695.0/11

4204.127+/-1.002 χ^2/NDF : 964345.8/26

4127.542+/-1.328 χ^2/NDF : 476915.6/14

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1377.667 $\pm$ 1028.965 χ^2 /NDF: 11.6/11

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

Right Out: 1898.758 $\pm$ 919.841 χ^2 /NDF: 13.8/14

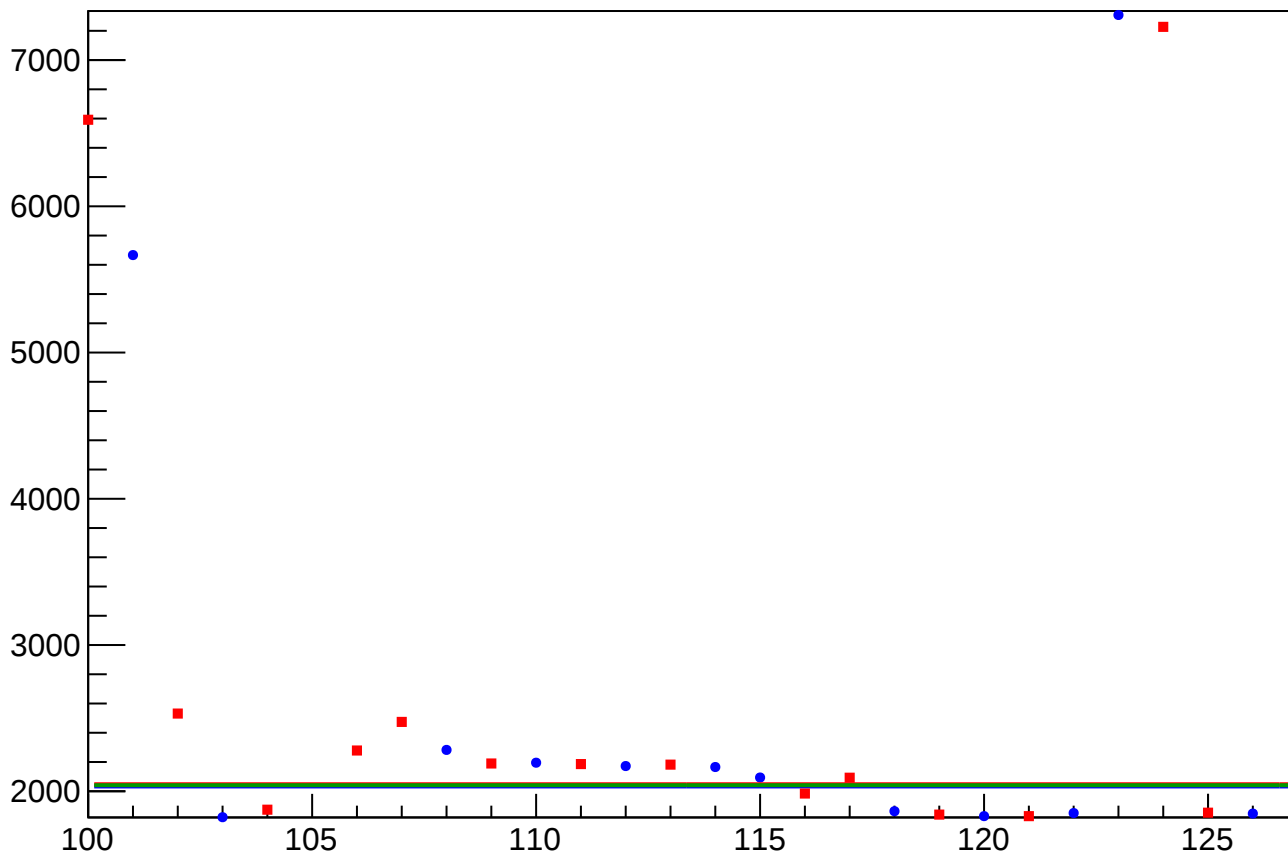
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1377.667 $\pm$ 1028.965 χ^2 /NDF: 11.6/11

1667.300 $\pm$ 685.772 χ^2 /NDF: 25.5/26

1898.758 $\pm$ 919.841 χ^2 /NDF: 13.8/14

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2032.842+/-0.728 χ^2/NDF : 584257.3/11

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

Right Out: 2047.892+/-0.650 χ^2/NDF : 336046.5/14

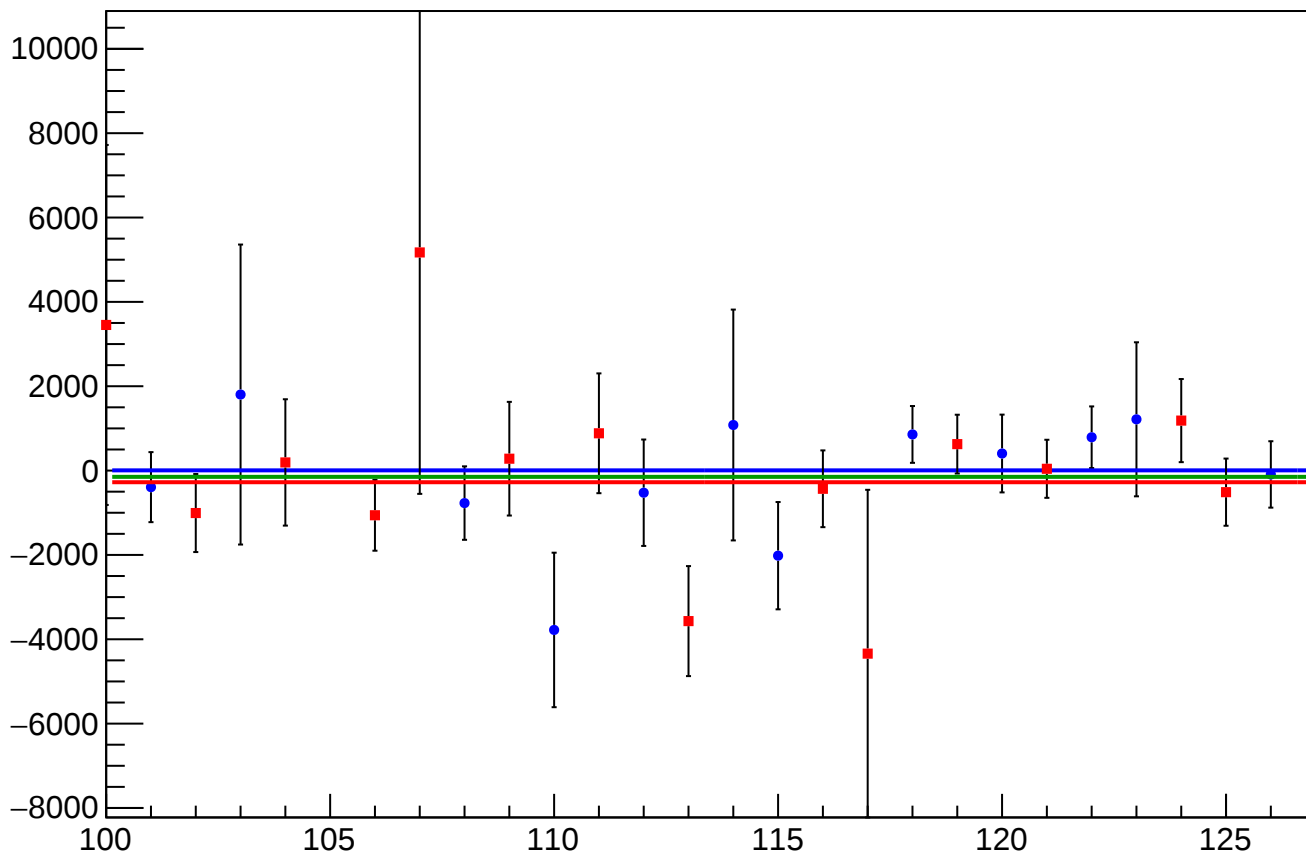
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2032.842+/-0.728 χ^2/NDF : 584257.3/11

2041.207+/-0.485 χ^2/NDF : 920541.7/26

2047.892+/-0.650 χ^2/NDF : 336046.5/14

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 5.299+/-292.444 χ^2/NDF : 11.8/11

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

Right Out: -276.203+/-266.187 χ^2/NDF : 16.2/14

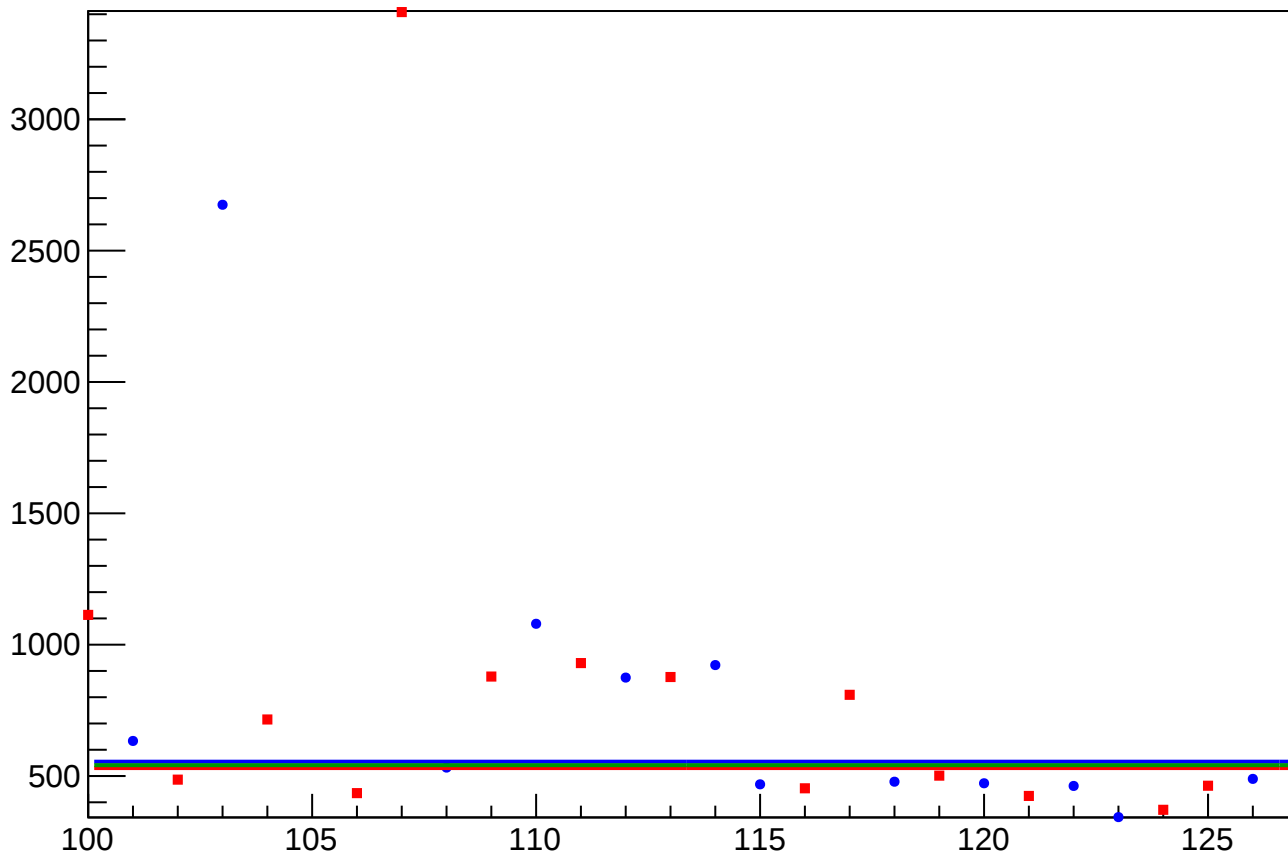
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.299+/-292.444 χ^2/NDF : 11.8/11

-148.654+/-196.852 χ^2/NDF : 28.5/26

-276.203+/-266.187 χ^2/NDF : 16.2/14

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 554.554 $\pm$ 0.207 χ^2 /NDF: 1182366.8/11

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

Right Out: 530.278 $\pm$ 0.188 χ^2 /NDF: 1179162.7/14

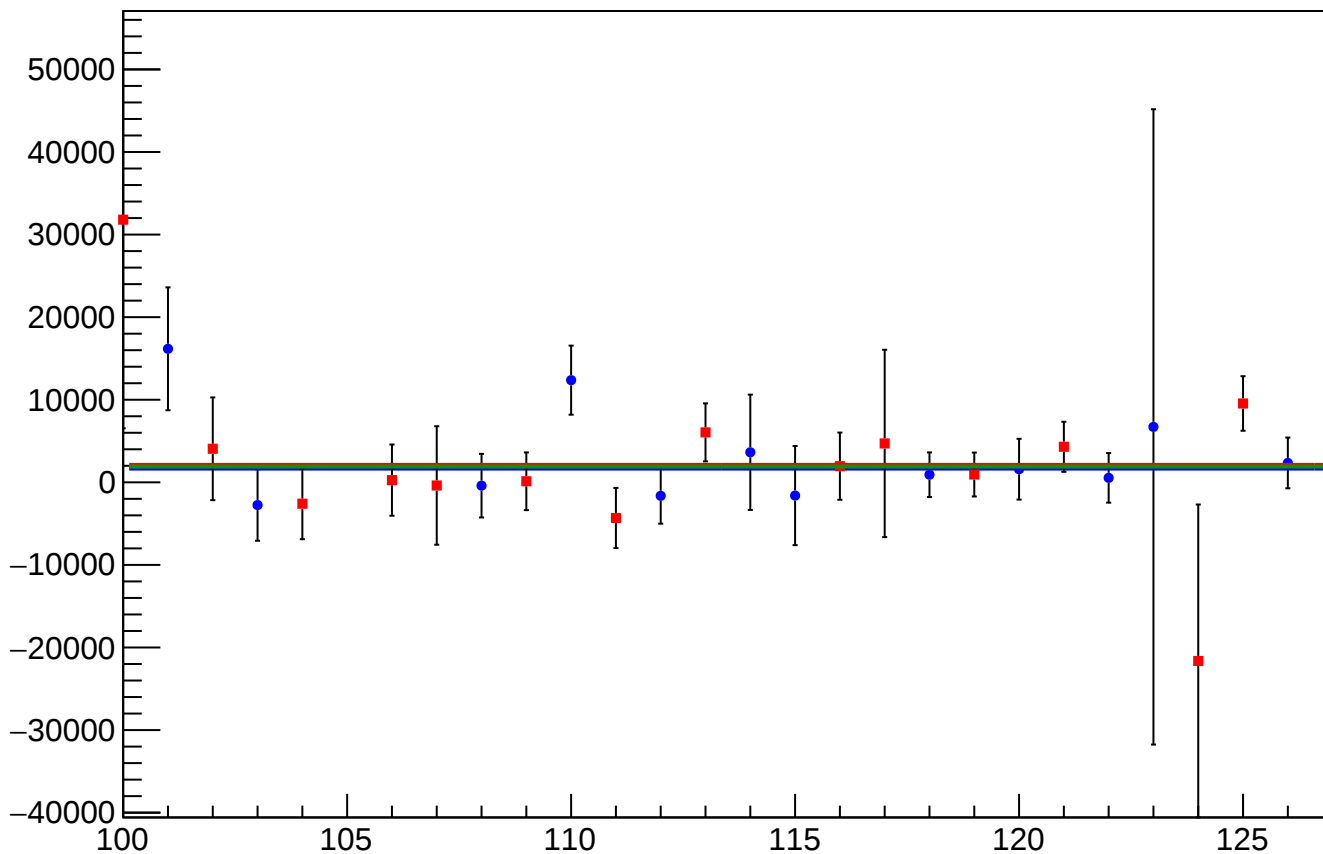
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

554.554 $\pm$ 0.207 χ^2 /NDF: 1182366.8/11

541.278 $\pm$ 0.139 χ^2 /NDF: 2369066.7/26

530.278 $\pm$ 0.188 χ^2 /NDF: 1179162.7/14

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1666.587 $\pm$ 1146.750 χ^2 /NDF: 13.3/11

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

Right Out: 2113.940 $\pm$ 1044.159 χ^2 /NDF: 15.1/14

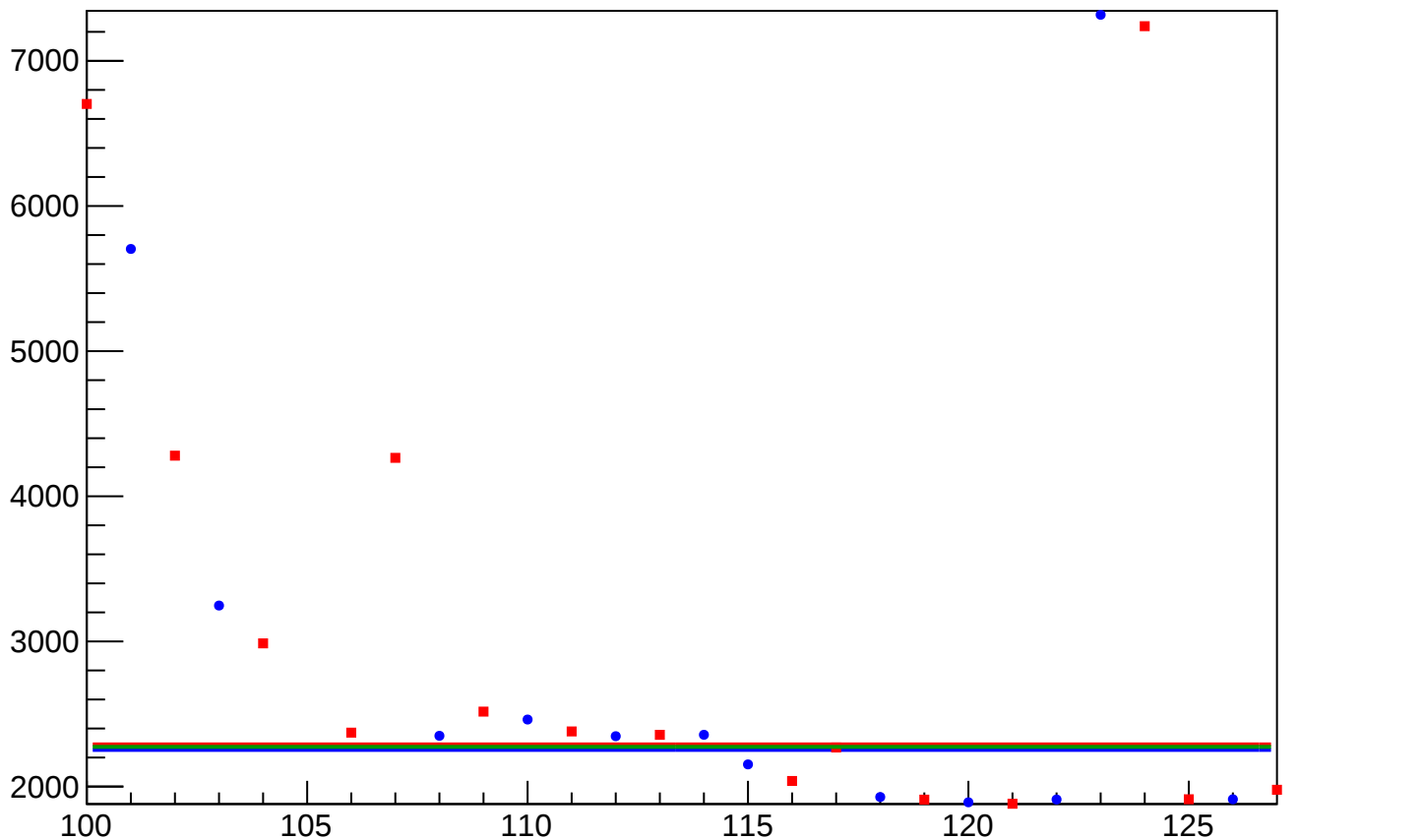
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1666.587 $\pm$ 1146.750 χ^2 /NDF: 13.3/11

1911.165 $\pm$ 772.059 χ^2 /NDF: 28.5/26

2113.940 $\pm$ 1044.159 χ^2 /NDF: 15.1/14

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2252.670+/-0.811 χ^2/NDF : 678185.0/11

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

Right Out: 2290.415+/-0.738 χ^2/NDF : 749909.6/14

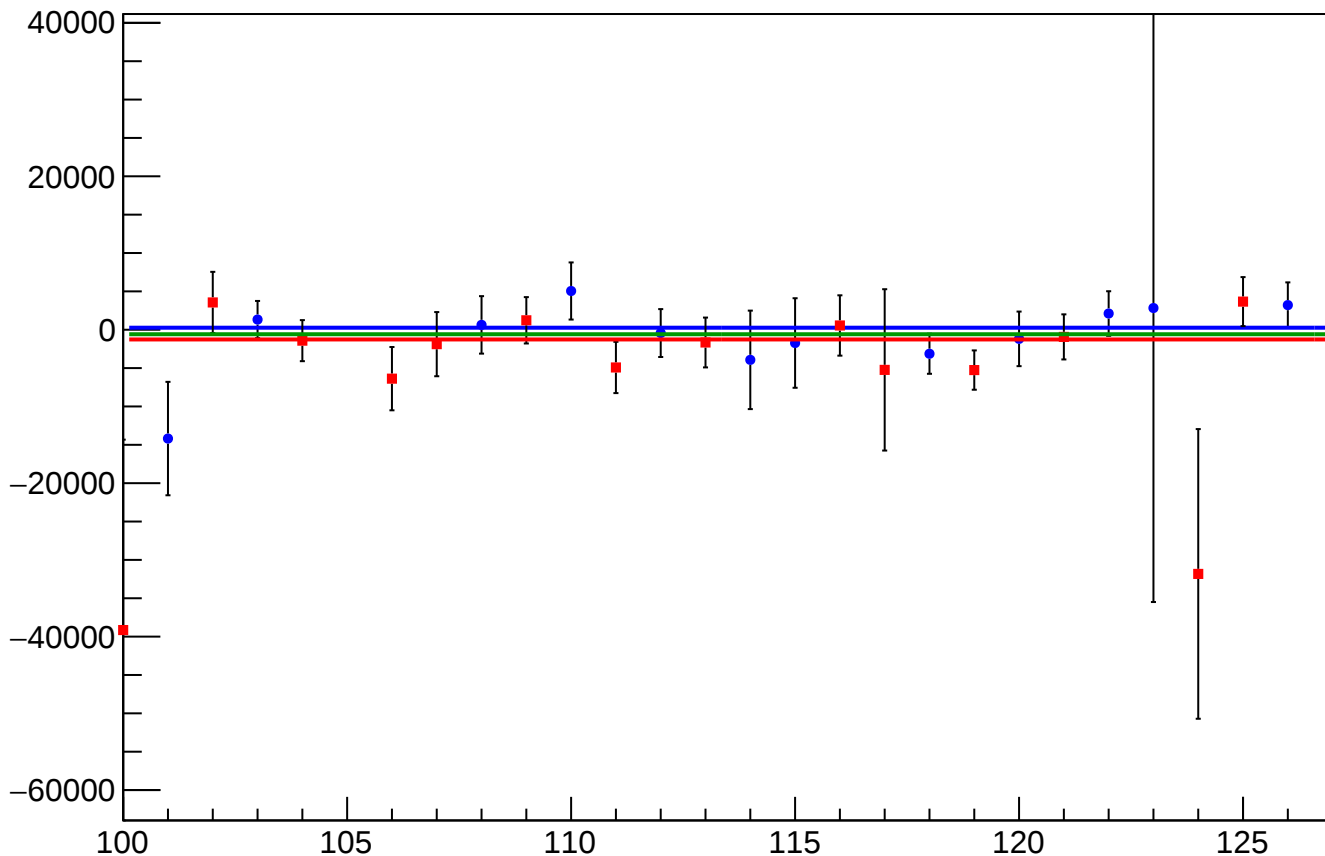
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2252.670+/-0.811 χ^2/NDF : 678185.0/11

2273.306+/-0.546 χ^2/NDF : 1429279.2/26

2290.415+/-0.738 χ^2/NDF : 749909.6/14

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 264.506 $\pm$ 1027.580 χ^2 /NDF: 9.5/11

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

Right Out: -1267.432 $\pm$ 918.025 χ^2 /NDF: 15.7/14

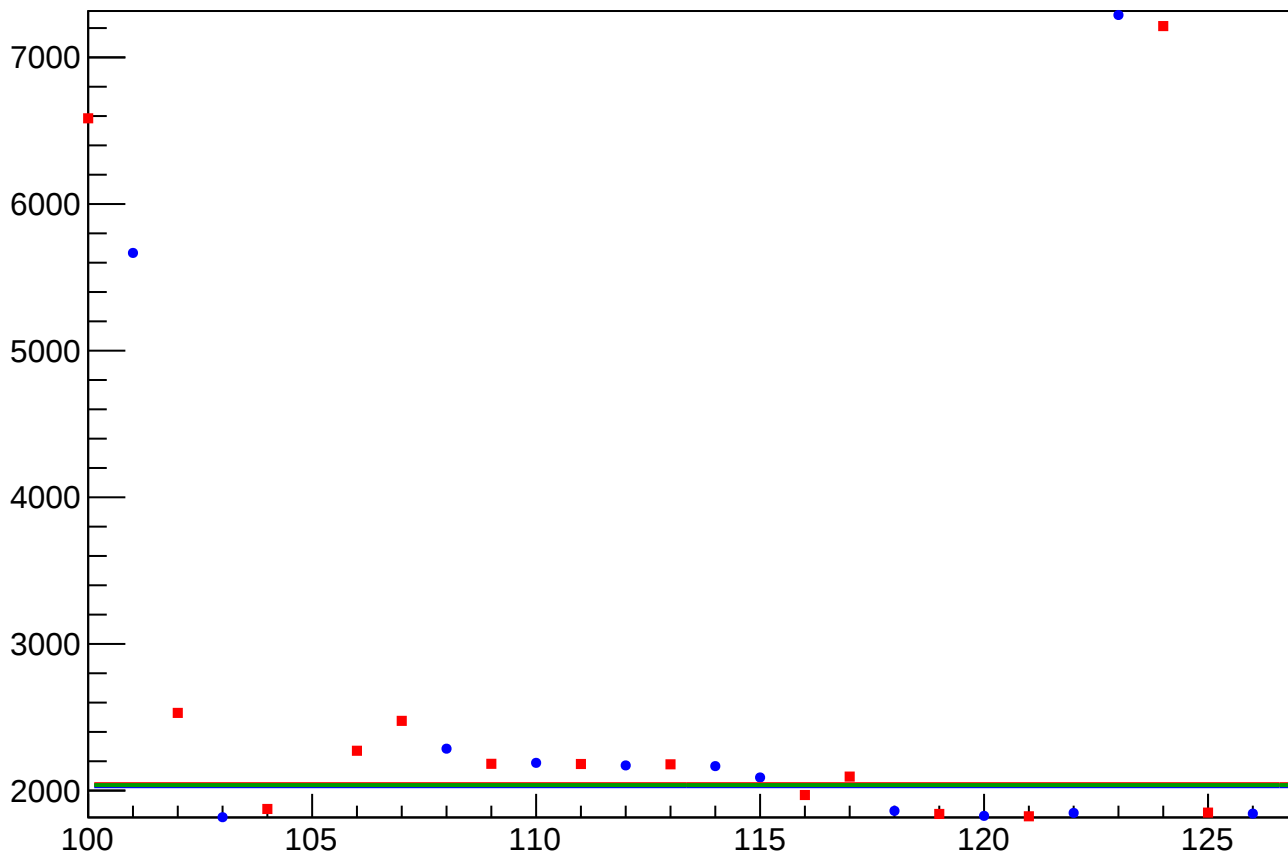
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

264.506 $\pm$ 1027.580 χ^2 /NDF: 9.5/11

-587.452 $\pm$ 684.610 χ^2 /NDF: 26.5/26

-1267.432 $\pm$ 918.025 χ^2 /NDF: 15.7/14

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2029.842+/-0.727 χ^2/NDF : 585818.9/11

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

Right Out: 2043.745+/-0.649 χ^2/NDF : 336632.6/14

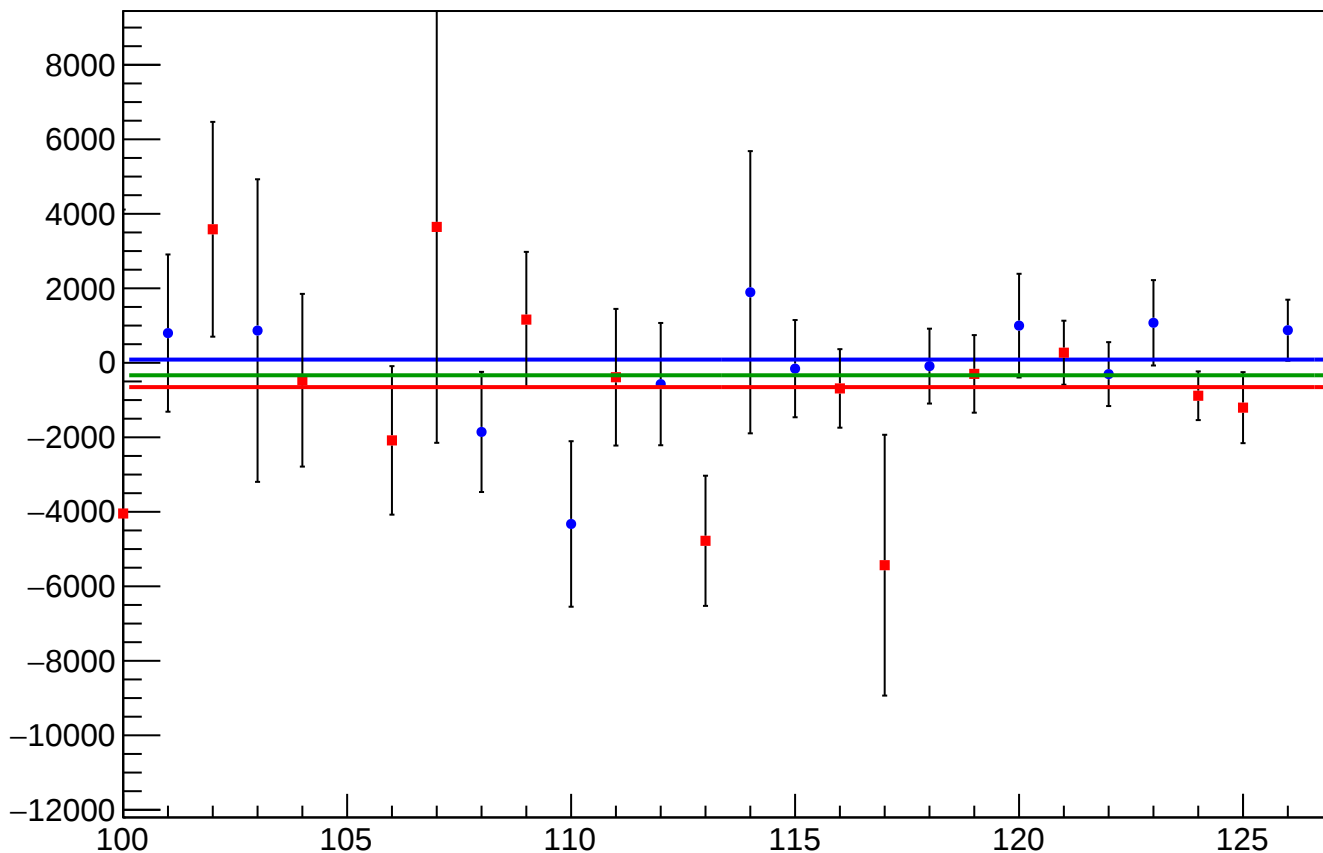
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2029.842+/-0.727 χ^2/NDF : 585818.9/11

2037.574+/-0.484 χ^2/NDF : 922655.2/26

2043.745+/-0.649 χ^2/NDF : 336632.6/14

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 86.958+/-377.458 χ^2/NDF : 8.3/11

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

Right Out: -652.098+/-327.781 χ^2/NDF : 13.8/14

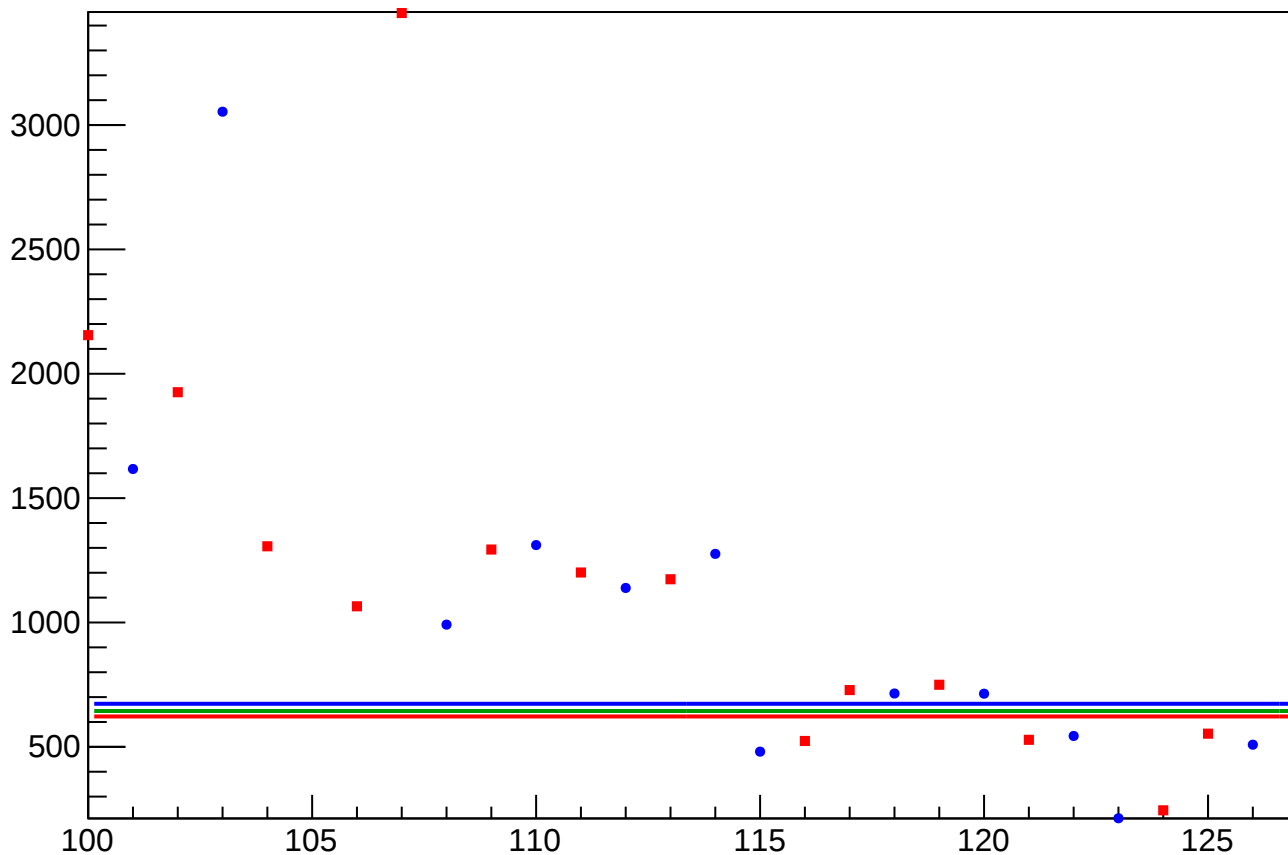
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.958+/-377.458 χ^2/NDF : 8.3/11

-334.372+/-247.489 χ^2/NDF : 24.3/26

-652.098+/-327.781 χ^2/NDF : 13.8/14

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 673.146+/-0.267 χ^2/NDF : 2038849.7/11

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

Right Out: 622.168+/-0.232 χ^2/NDF : 2649720.0/14

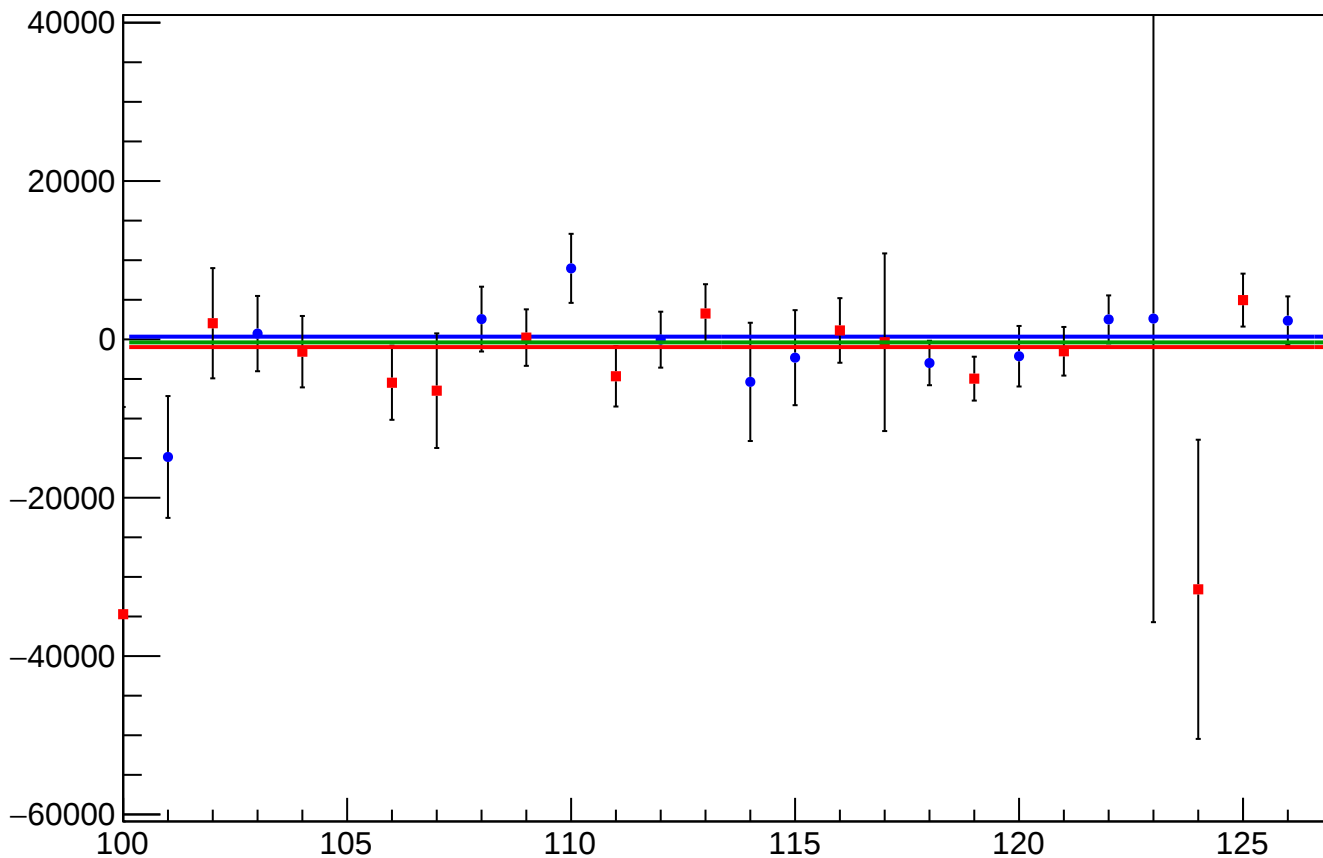
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

673.146+/-0.267 χ^2/NDF : 2038849.7/11

644.084+/-0.175 χ^2/NDF : 4709366.3/26

622.168+/-0.232 χ^2/NDF : 2649720.0/14

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 343.695+/-1186.756 χ^2 /NDF: 11.7/11

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

Right Out: -974.536+/-1075.603 χ^2 /NDF: 14.1/14

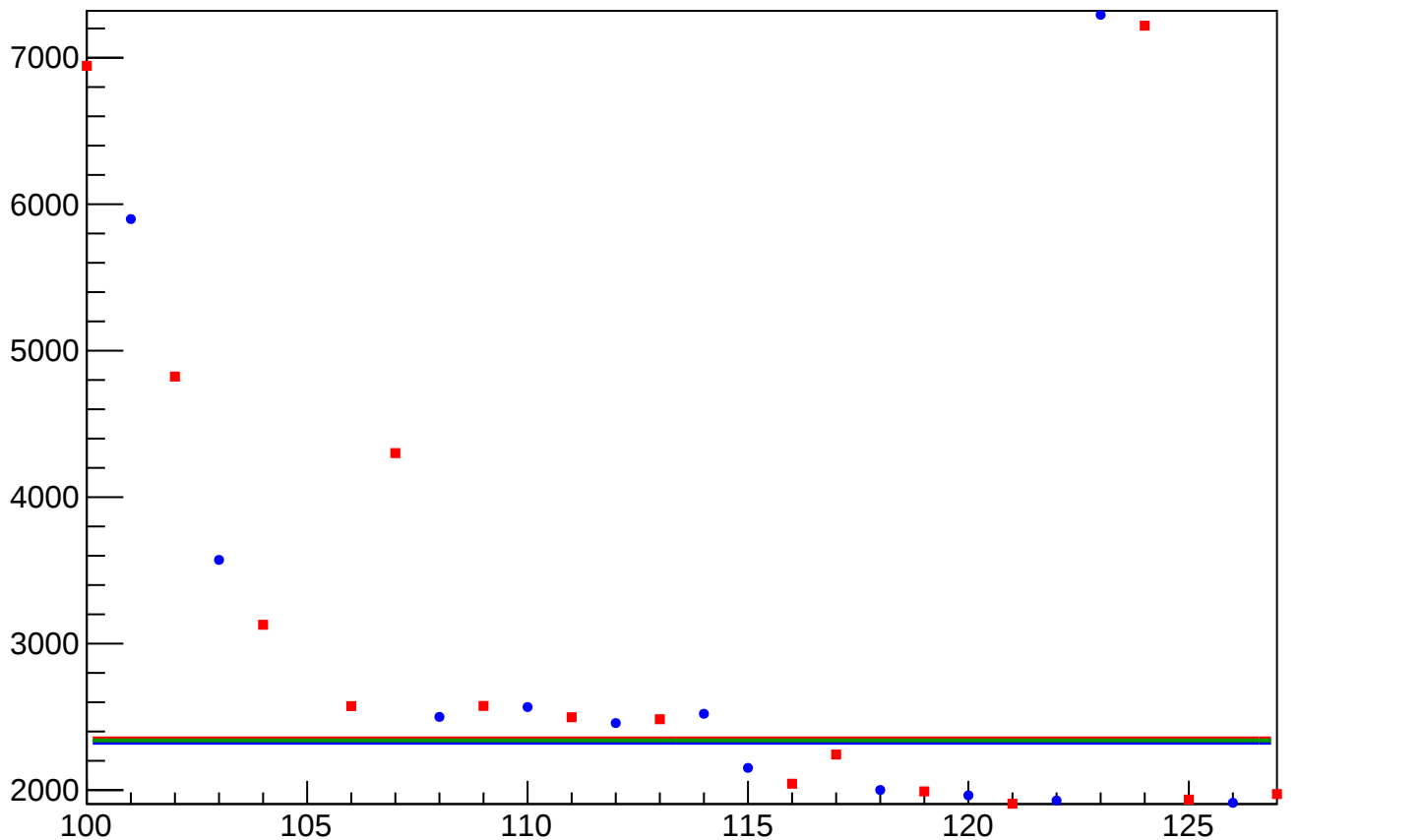
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

343.695+/-1186.756 χ^2 /NDF: 11.7/11

-380.031+/-796.972 χ^2 /NDF: 26.5/26

-974.536+/-1075.603 χ^2 /NDF: 14.1/14

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2323.308+/-0.839 χ^2/NDF : 732776.6/11

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

Right Out: 2352.721+/-0.761 χ^2/NDF : 819308.1/14

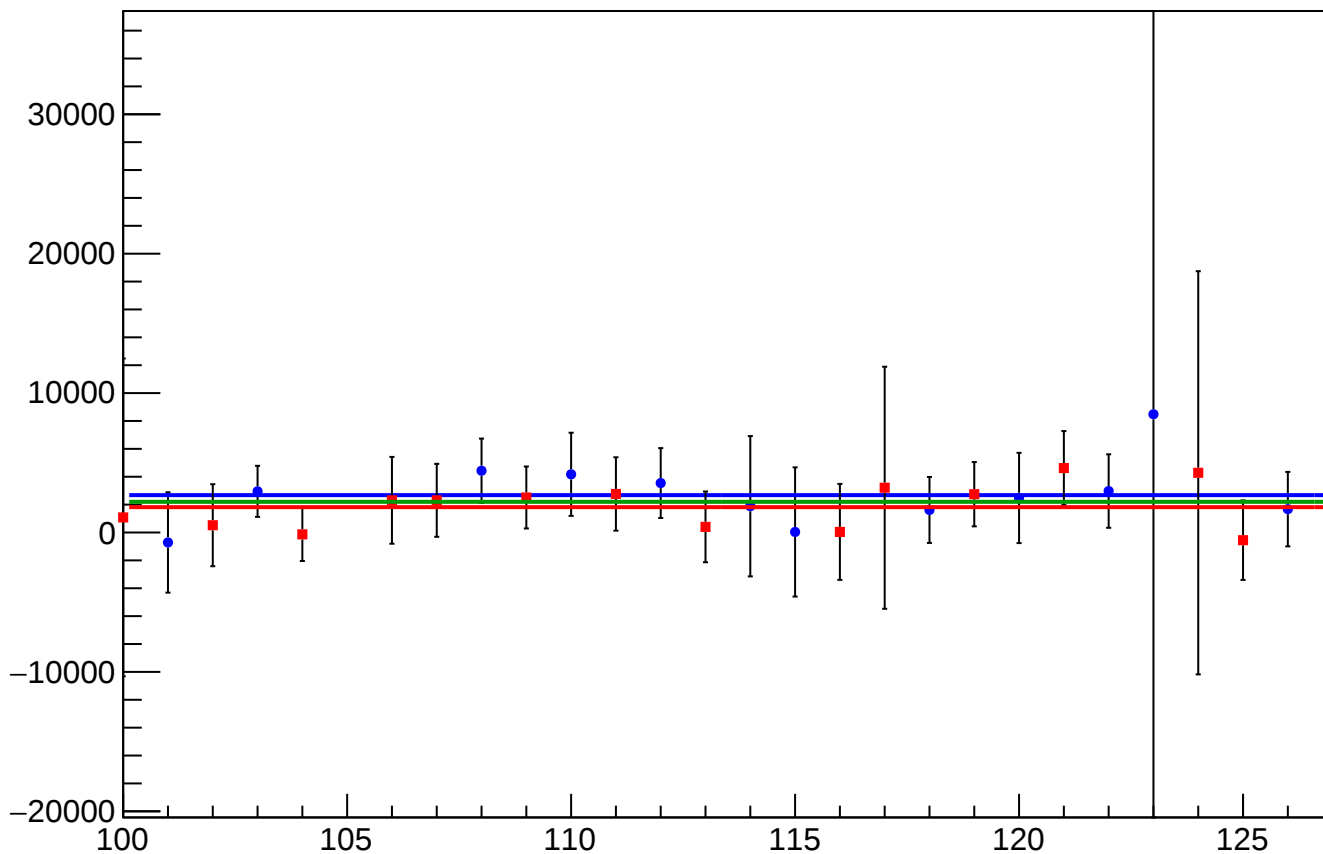
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2323.308+/-0.839 χ^2/NDF : 732776.6/11

2339.456+/-0.564 χ^2/NDF : 1552759.2/26

2352.721+/-0.761 χ^2/NDF : 819308.1/14

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2679.828 ± 821.879 χ^2/NDF : 2.6/11

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

Right Out: 1818.322 ± 733.455 χ^2/NDF : 4.9/14

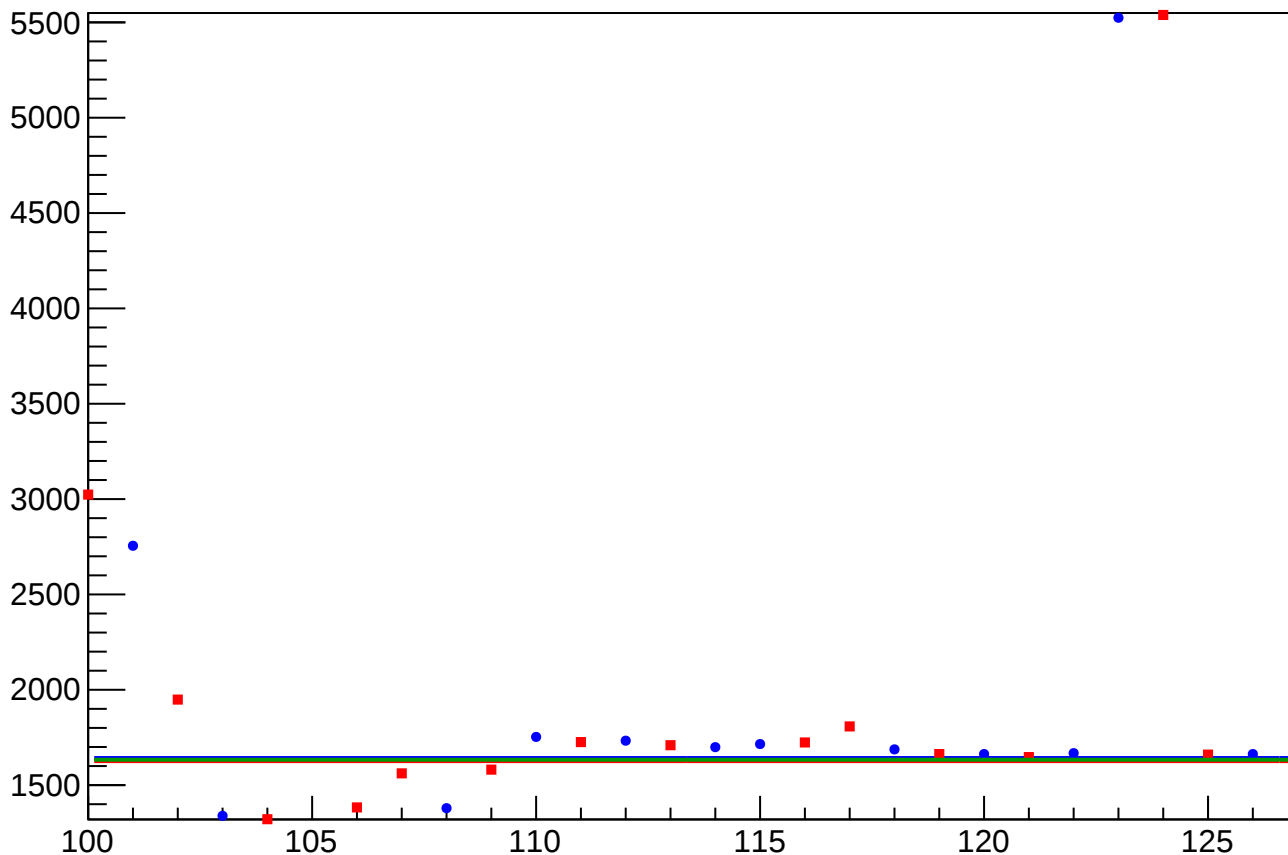
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2679.828 ± 821.879 χ^2/NDF : 2.6/11

2200.255 ± 547.232 χ^2/NDF : 8.1/26

1818.322 ± 733.455 χ^2/NDF : 4.9/14

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1642.108+/-0.581 χ^2 /NDF: 315368.6/11

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

Right Out: 1626.021+/-0.519 χ^2 /NDF: 274854.0/14

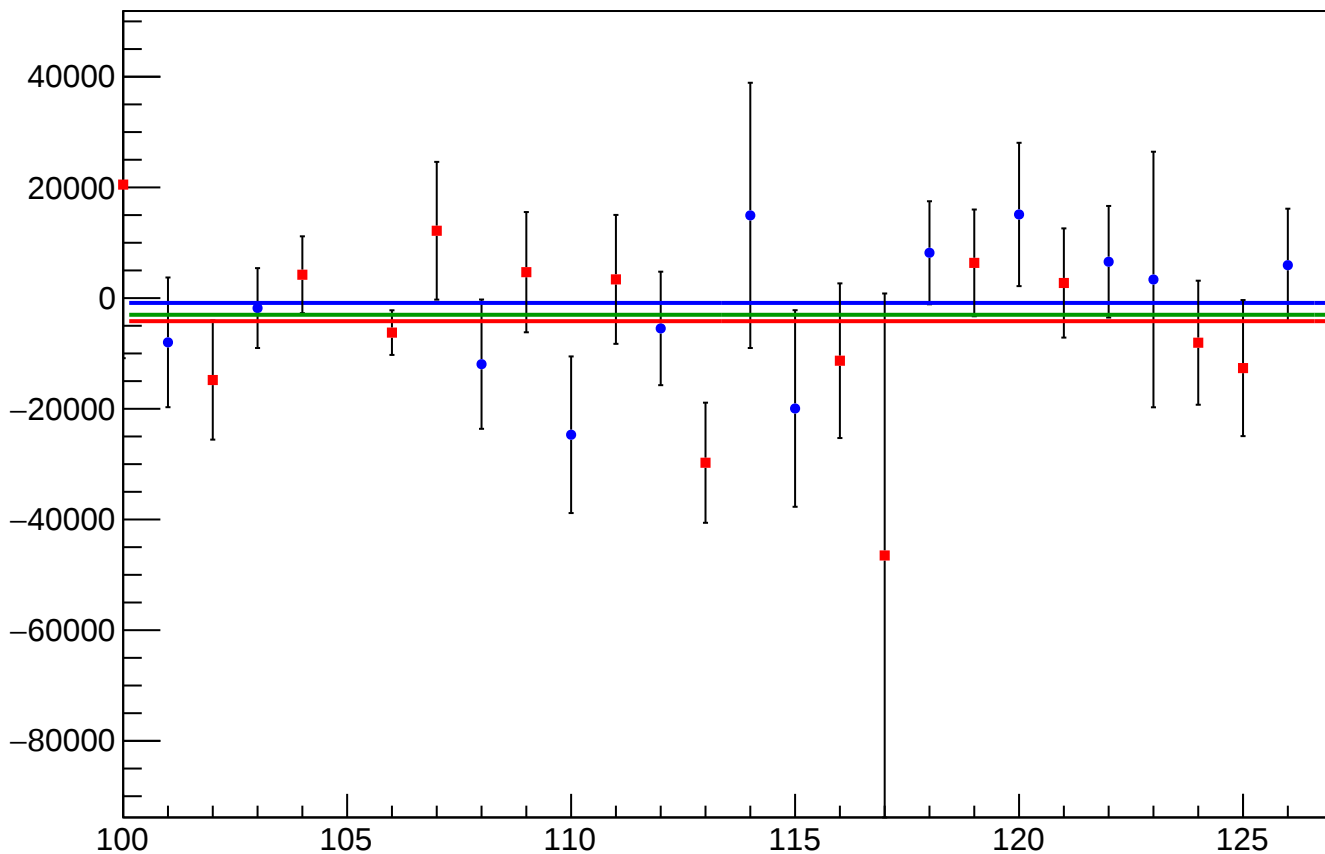
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1642.108+/-0.581 χ^2 /NDF: 315368.6/11

1633.153+/-0.387 χ^2 /NDF: 590649.2/26

1626.021+/-0.519 χ^2 /NDF: 274854.0/14

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -869.014+/-3295.795 χ^2/NDF : 9.4/11

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

Right Out: -4167.615+/-2419.588 χ^2/NDF : 15.3/14

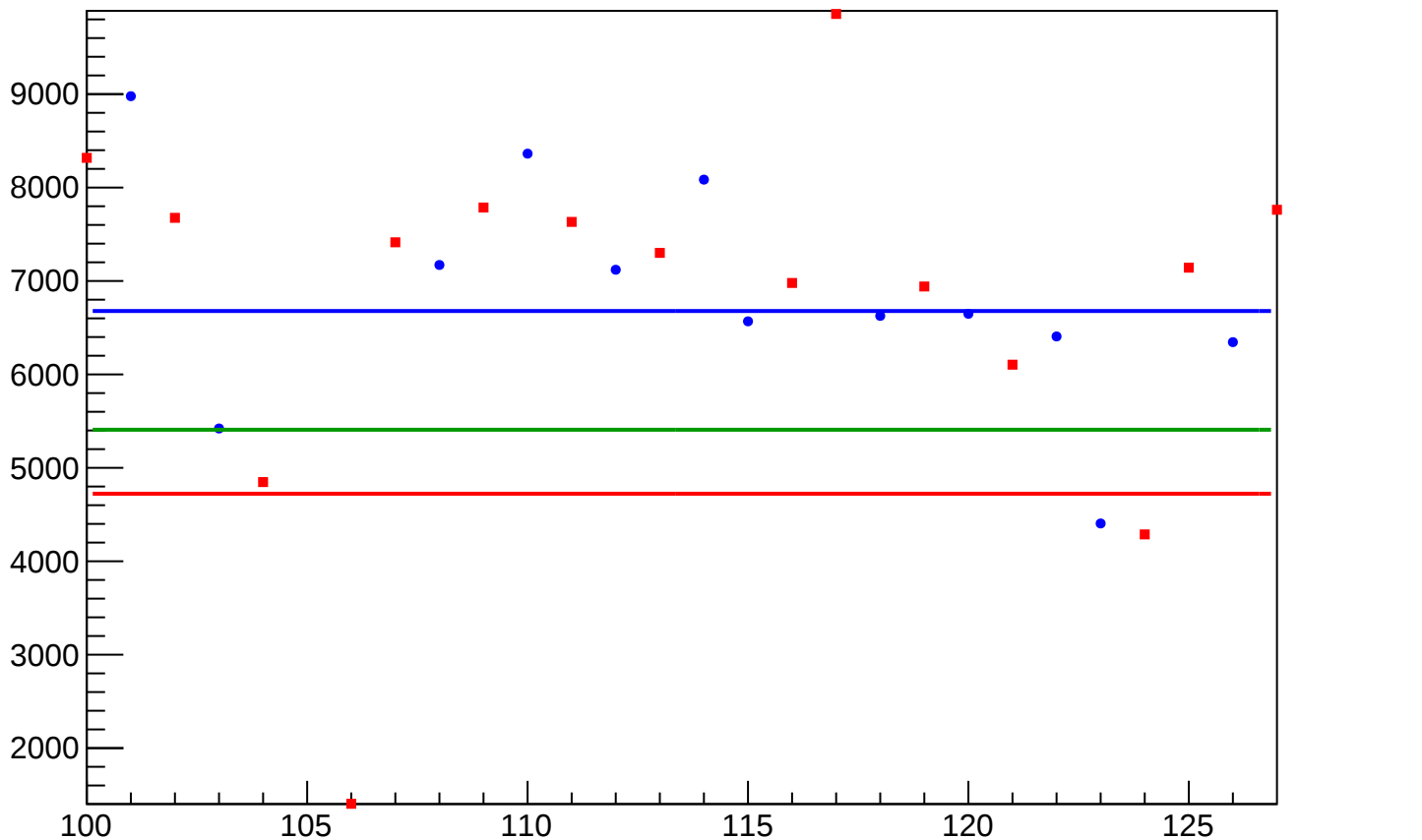
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-869.014+/-3295.795 χ^2/NDF : 9.4/11

-3012.400+/-1950.414 χ^2/NDF : 25.3/26

-4167.615+/-2419.588 χ^2/NDF : 15.3/14

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6678.590 ± 2.330 $\chi^2/\text{NDF}: 203375.9/11$

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

Right Out: 4723.056 ± 1.711 $\chi^2/\text{NDF}: 2451791.9/14$

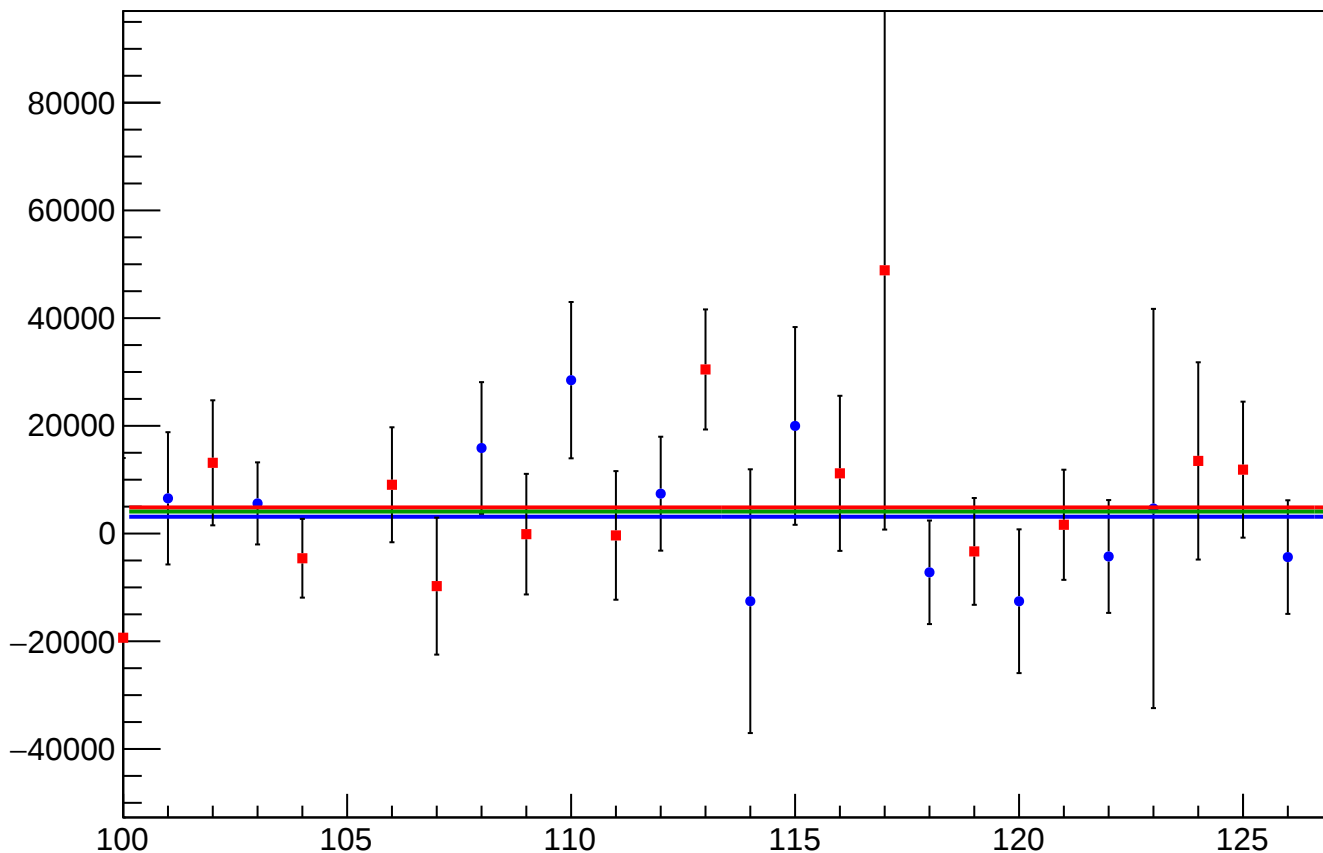
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

6678.590 ± 2.330 $\chi^2/\text{NDF}: 203375.9/11$

5407.911 ± 1.379 $\chi^2/\text{NDF}: 3112688.3/26$

4723.056 ± 1.711 $\chi^2/\text{NDF}: 2451791.9/14$

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3122.402+/-3448.090 χ^2/NDF : 9.3/11

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

Right Out: 4848.541+/-3072.620 χ^2/NDF : 12.6/14

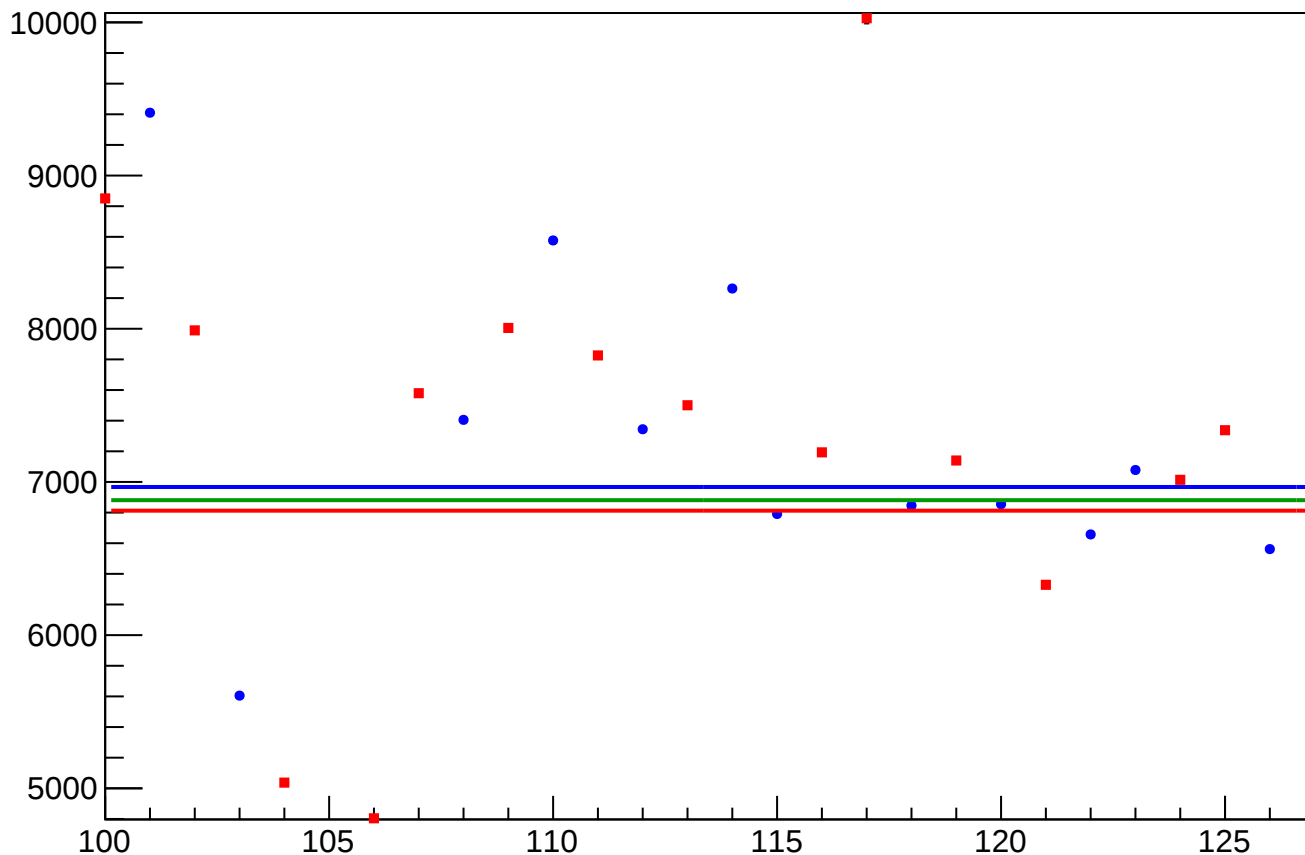
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3122.402+/-3448.090 χ^2/NDF : 9.3/11

4084.536+/-2293.975 χ^2/NDF : 22.0/26

4848.541+/-3072.620 χ^2/NDF : 12.6/14

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6967.078+/-2.438 χ^2/NDF : 183702.8/11

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

Right Out: 6812.573+/-2.172 χ^2/NDF : 307336.2/14

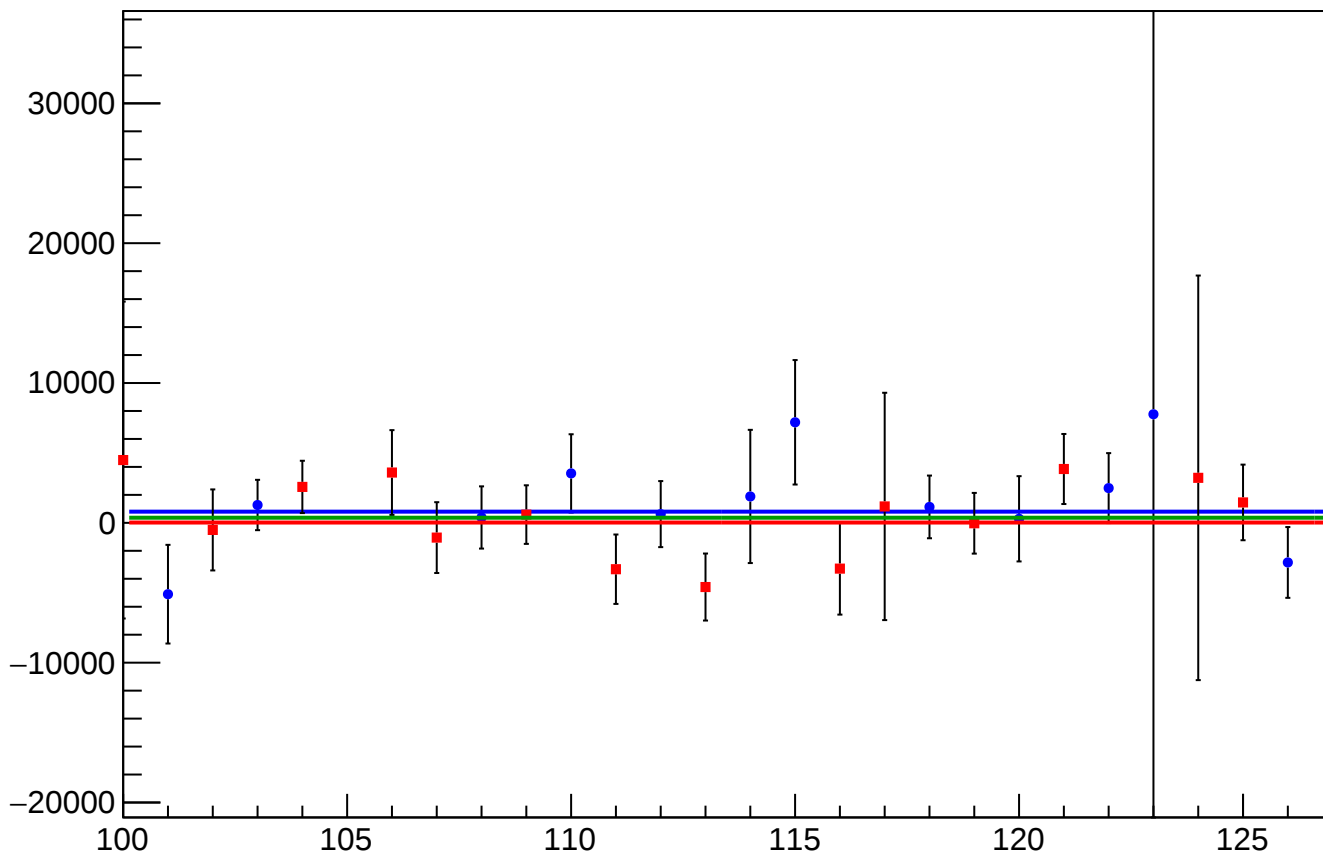
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6967.078+/-2.438 χ^2/NDF : 183702.8/11

6880.949+/-1.622 χ^2/NDF : 493277.7/26

6812.573+/-2.172 χ^2/NDF : 307336.2/14

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 800.881+/-786.588 χ^2/NDF : 8.6/11

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

Right Out: 22.221+/-700.427 χ^2/NDF : 13.2/14

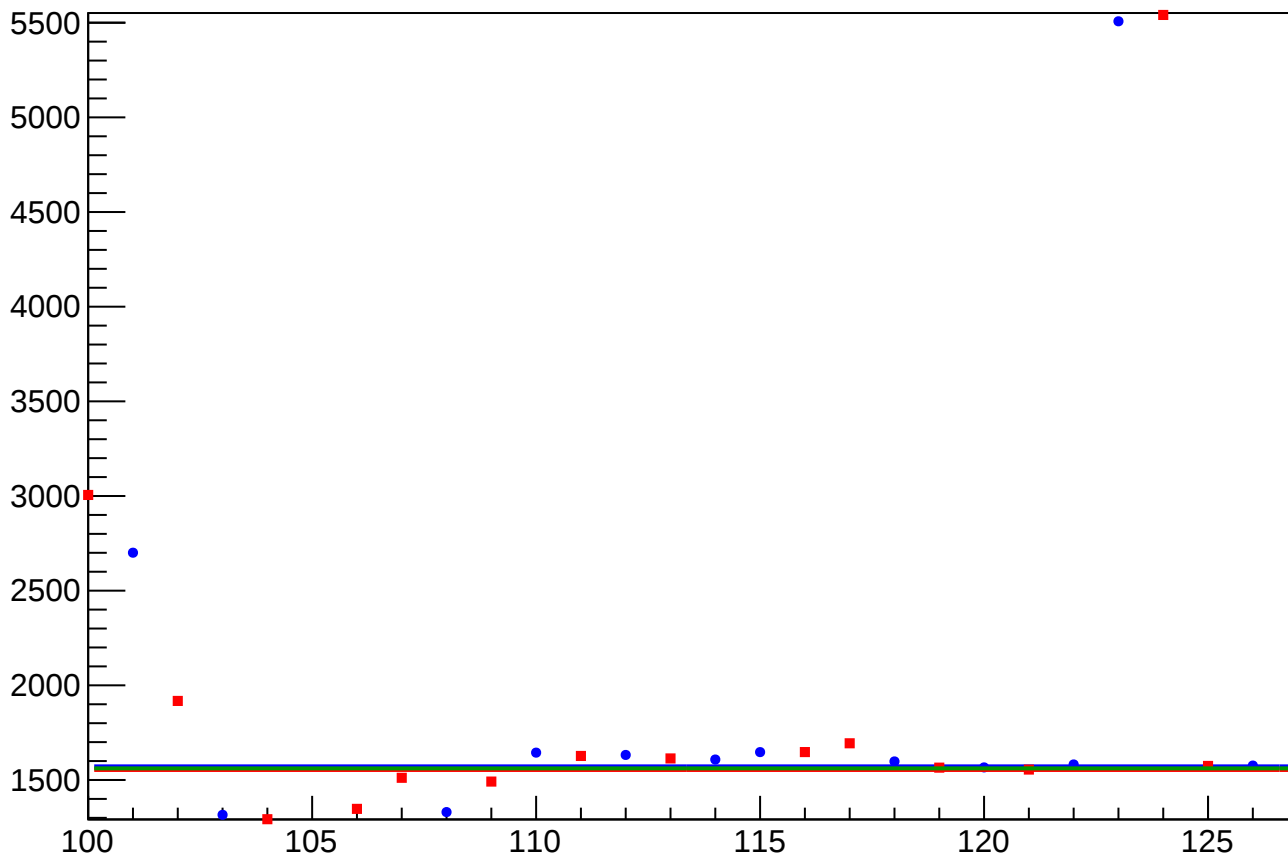
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

800.881+/-786.588 χ^2/NDF : 8.6/11

366.585+/-523.097 χ^2/NDF : 22.3/26

22.221+/-700.427 χ^2/NDF : 13.2/14

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1571.925+/-0.556 χ^2/NDF : 309563.7/11

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

Right Out: 1553.009+/-0.495 χ^2/NDF : 272352.6/14

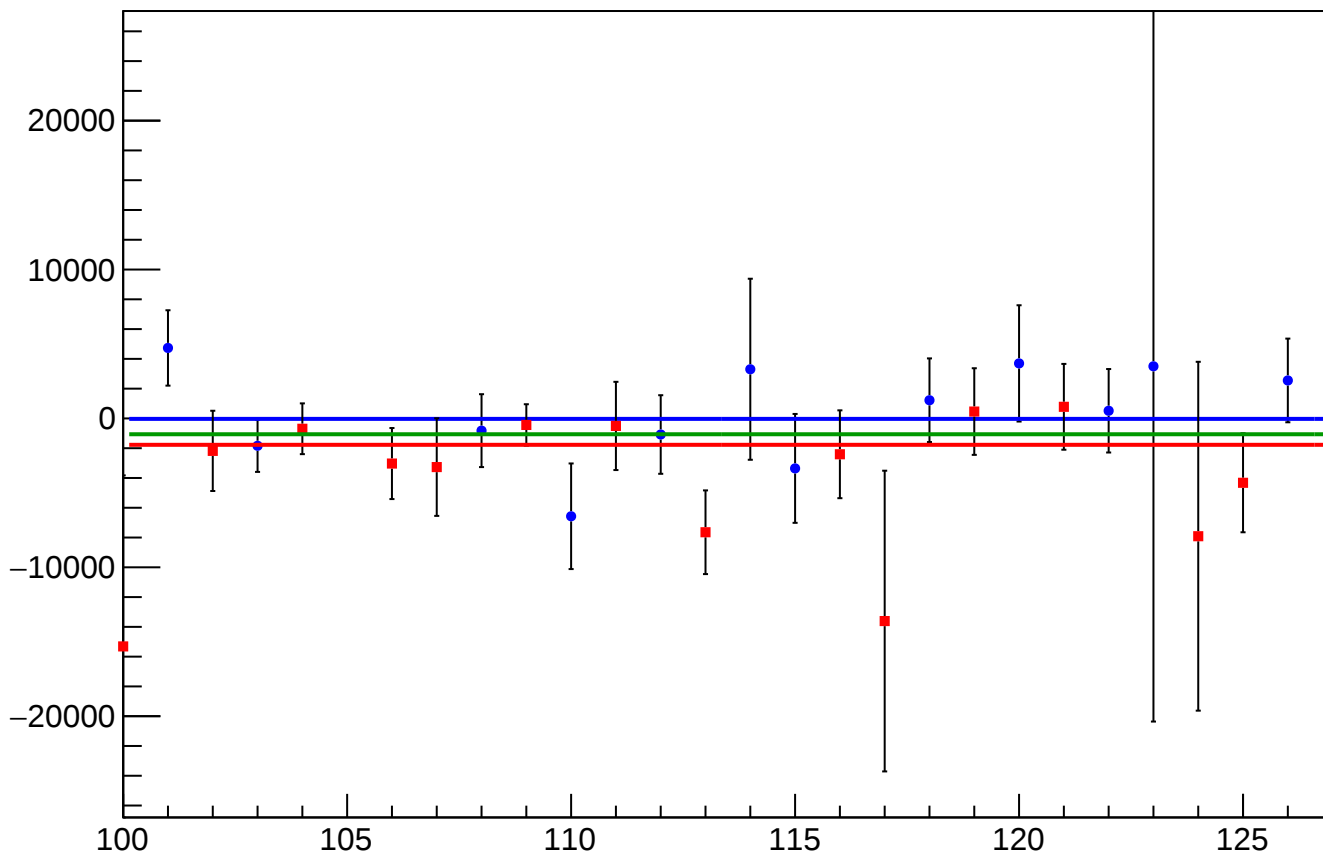
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1571.925+/-0.556 χ^2/NDF : 309563.7/11

1561.375+/-0.370 χ^2/NDF : 582561.5/26

1553.009+/-0.495 χ^2/NDF : 272352.6/14

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -30.492 ± 838.971 χ^2/NDF : 11.4/11

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

Right Out: -1772.360 ± 695.651 χ^2/NDF : 11.5/14

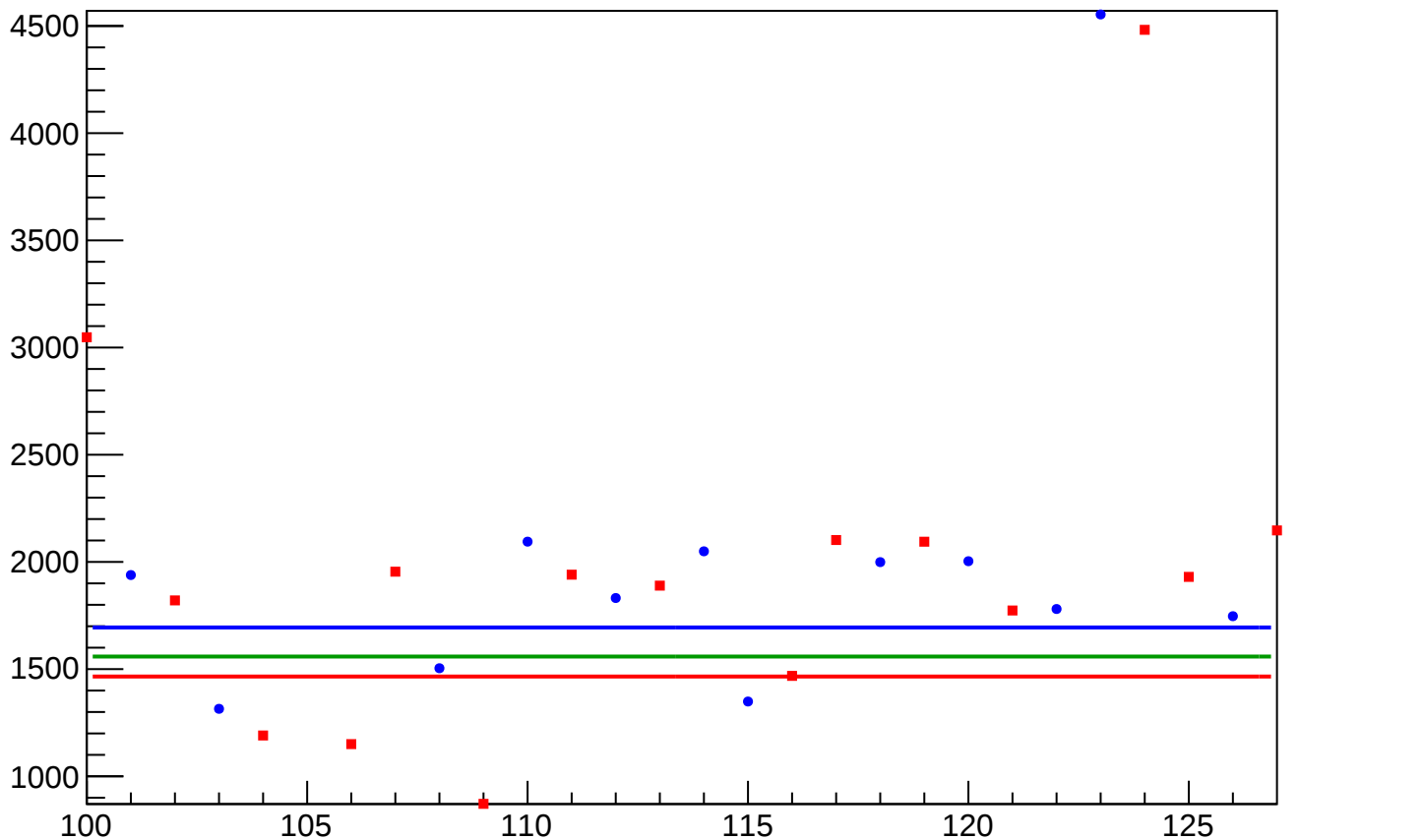
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-30.492 ± 838.971 χ^2/NDF : 11.4/11

-1062.694 ± 535.509 χ^2/NDF : 25.4/26

-1772.360 ± 695.651 χ^2/NDF : 11.5/14

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1694.232 $\pm$ 0.593 χ^2 /NDF: 247287.4/11

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

Right Out: 1465.463 $\pm$ 0.492 χ^2 /NDF: 1045034.1/14

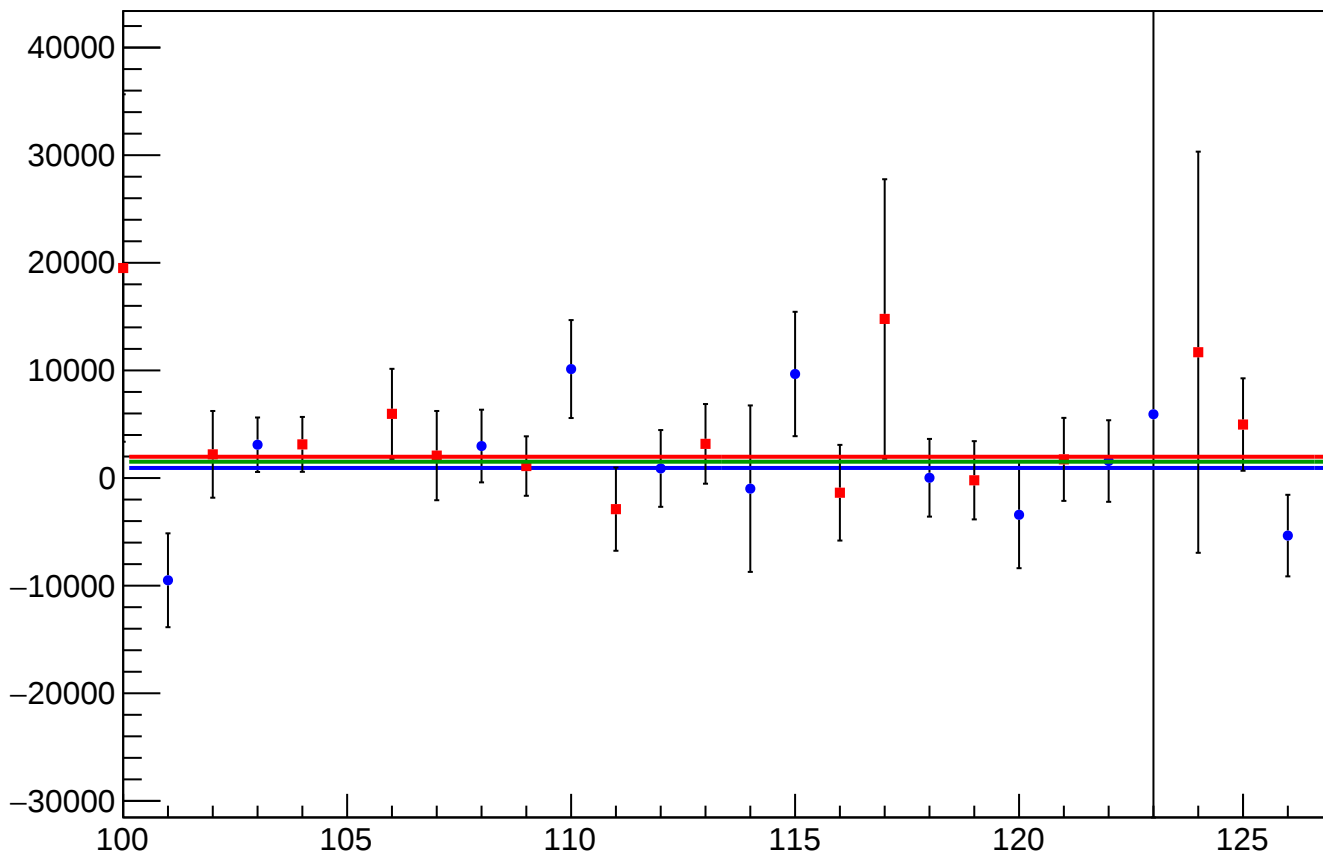
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1694.232 $\pm$ 0.593 χ^2 /NDF: 247287.4/11

1558.667 $\pm$ 0.379 χ^2 /NDF: 1380442.7/26

1465.463 $\pm$ 0.492 χ^2 /NDF: 1045034.1/14

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 937.127+/-1172.649 χ^2/NDF : 16.9/11

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

Right Out: 1978.258+/-1043.373 χ^2/NDF : 6.8/14

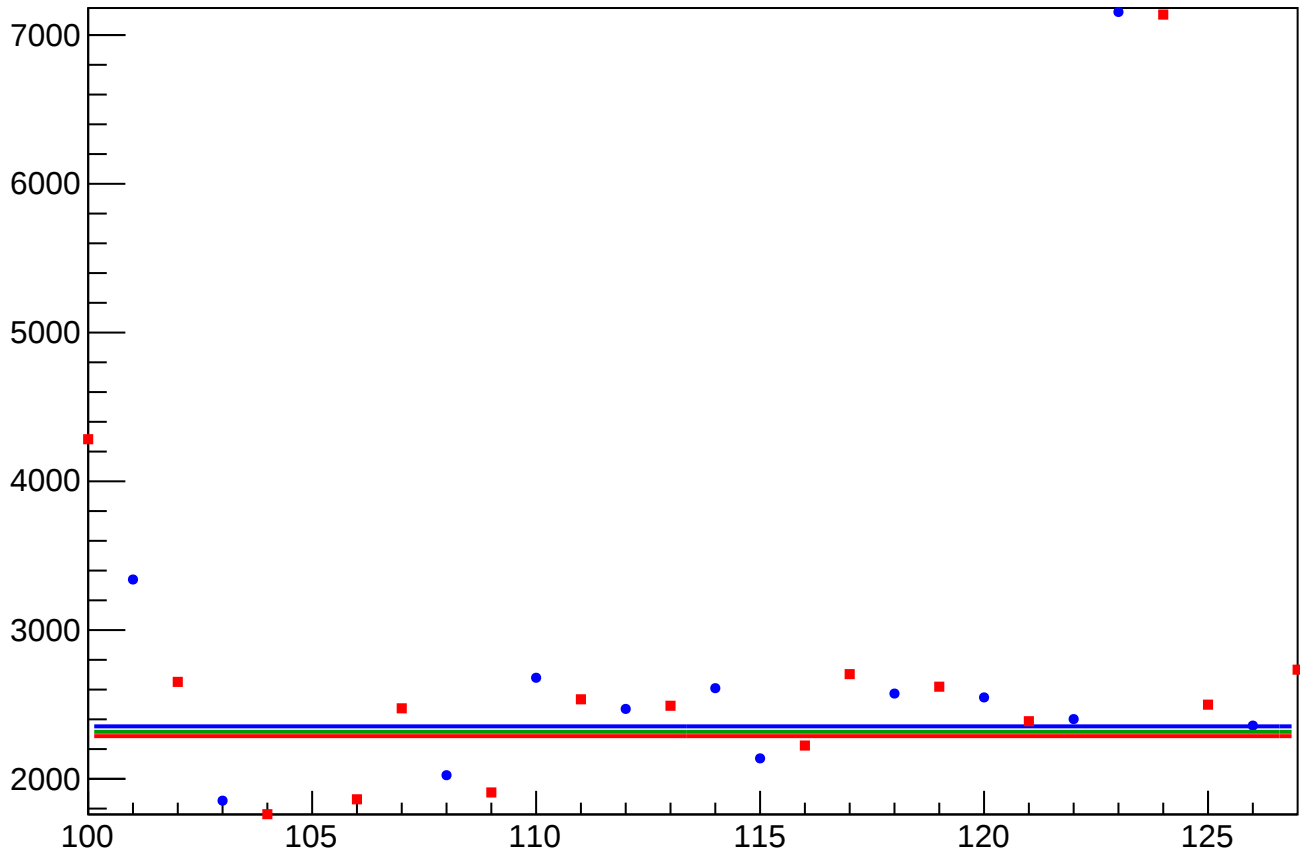
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.127+/-1172.649 χ^2/NDF : 16.9/11

1518.223+/-779.491 χ^2/NDF : 24.1/26

1978.258+/-1043.373 χ^2/NDF : 6.8/14

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2352.794 $\pm$ 0.829 χ^2 /NDF: 260469.6/11

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

Right Out: 2286.836 $\pm$ 0.738 χ^2 /NDF: 391614.6/14

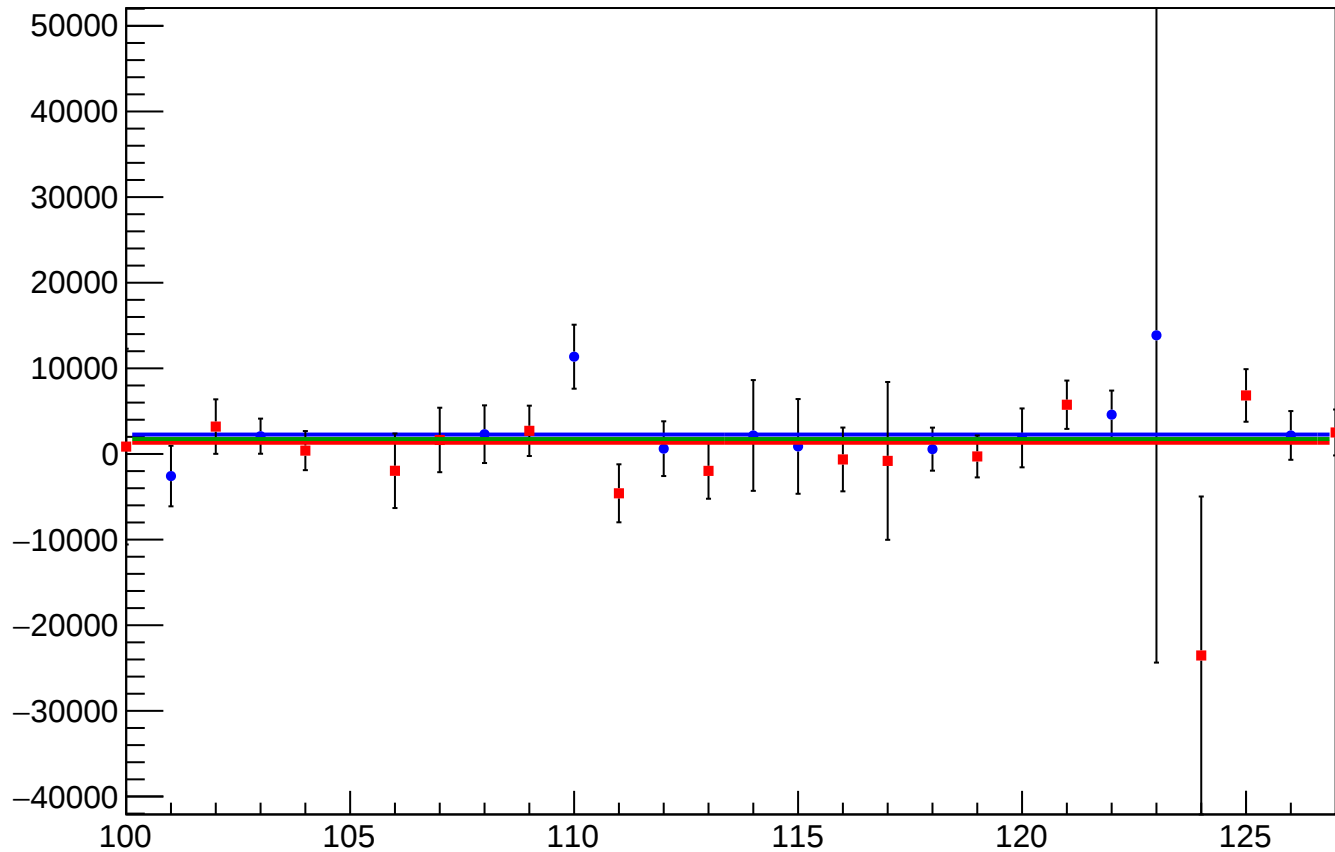
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2352.794 $\pm$ 0.829 χ^2 /NDF: 260469.6/11

2315.980 $\pm$ 0.551 χ^2 /NDF: 655615.9/26

2286.836 $\pm$ 0.738 χ^2 /NDF: 391614.6/14

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2267.386+/-942.719 χ^2/NDF : 9.4/11

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

Right Out: 1310.103+/-862.890 χ^2/NDF : 13.8/14

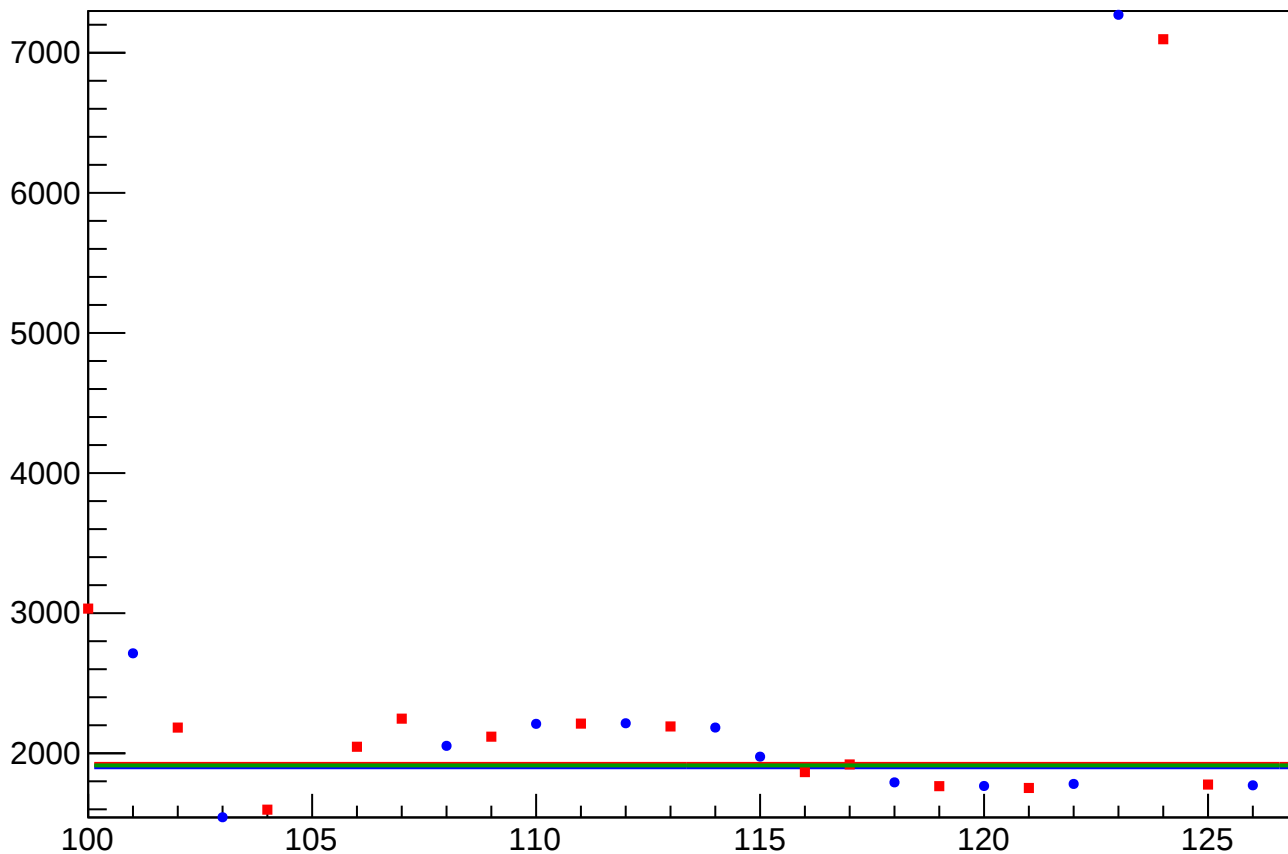
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2267.386+/-942.719 χ^2/NDF : 9.4/11

1746.504+/-636.510 χ^2/NDF : 23.8/26

1310.103+/-862.890 χ^2/NDF : 13.8/14

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1900.431+/-0.667 χ^2/NDF : 261565.8/11

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

Right Out: 1924.249+/-0.609 χ^2/NDF : 308705.3/14

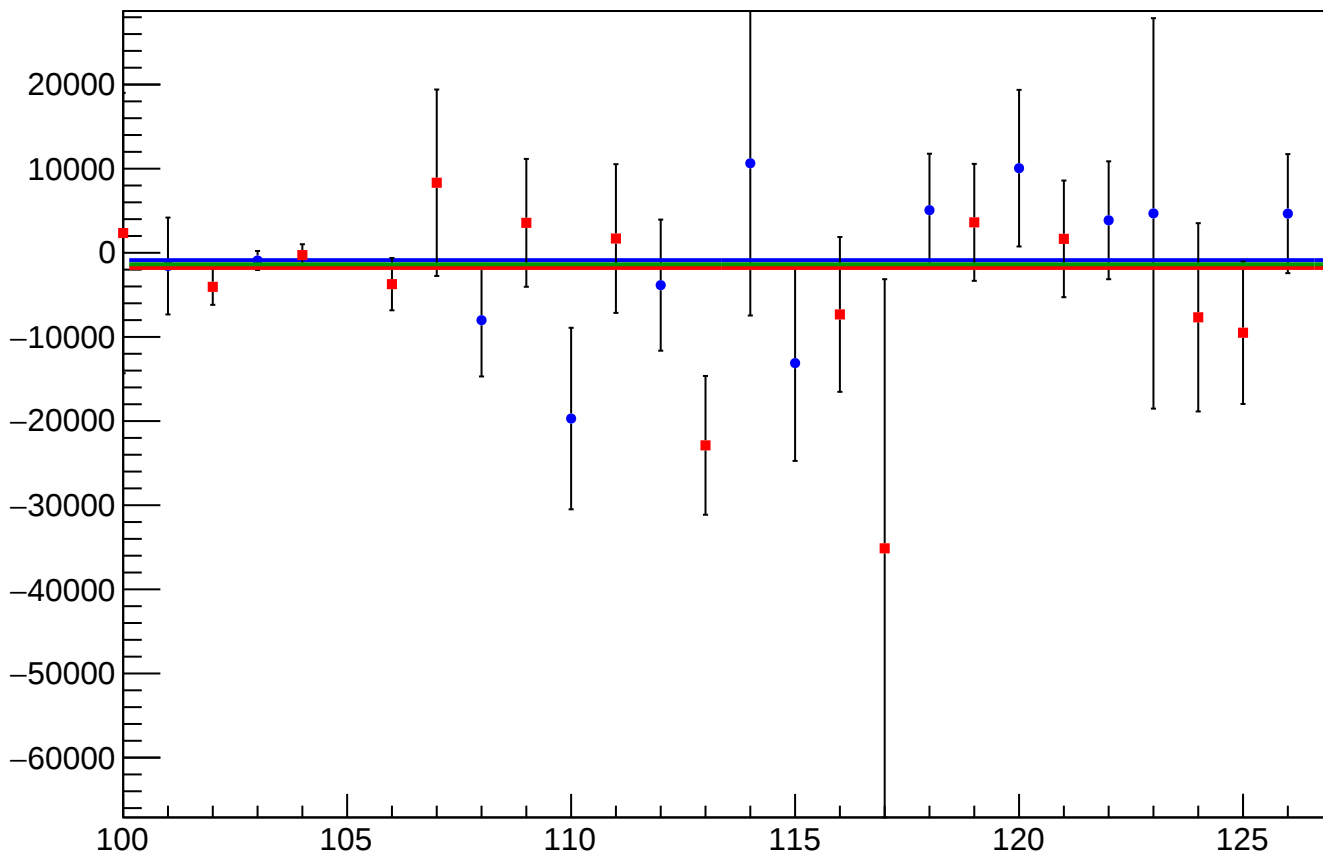
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1900.431+/-0.667 χ^2/NDF : 261565.8/11

1913.416+/-0.450 χ^2/NDF : 570967.0/26

1924.249+/-0.609 χ^2/NDF : 308705.3/14

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -874.974+/-1026.684 χ^2/NDF : 9.1/11

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

Right Out: -1797.958+/-969.016 χ^2/NDF : 14.7/14

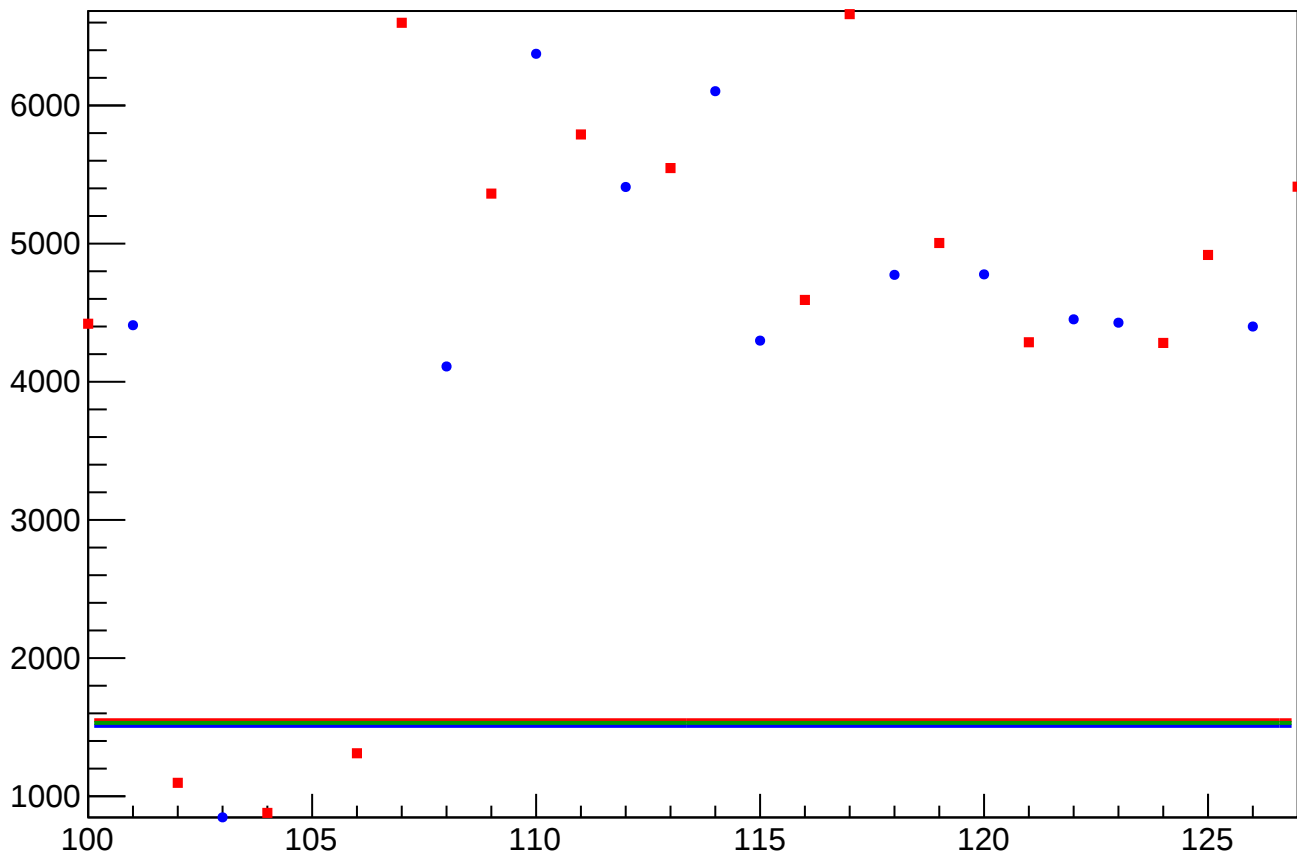
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-874.974+/-1026.684 χ^2/NDF : 9.1/11

-1363.115+/-704.703 χ^2/NDF : 24.3/26

-1797.958+/-969.016 χ^2/NDF : 14.7/14

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1509.566+/-0.726 χ^2/NDF : 4088264.8/11

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

Right Out: 1550.128+/-0.685 χ^2/NDF : 4479535.3/14

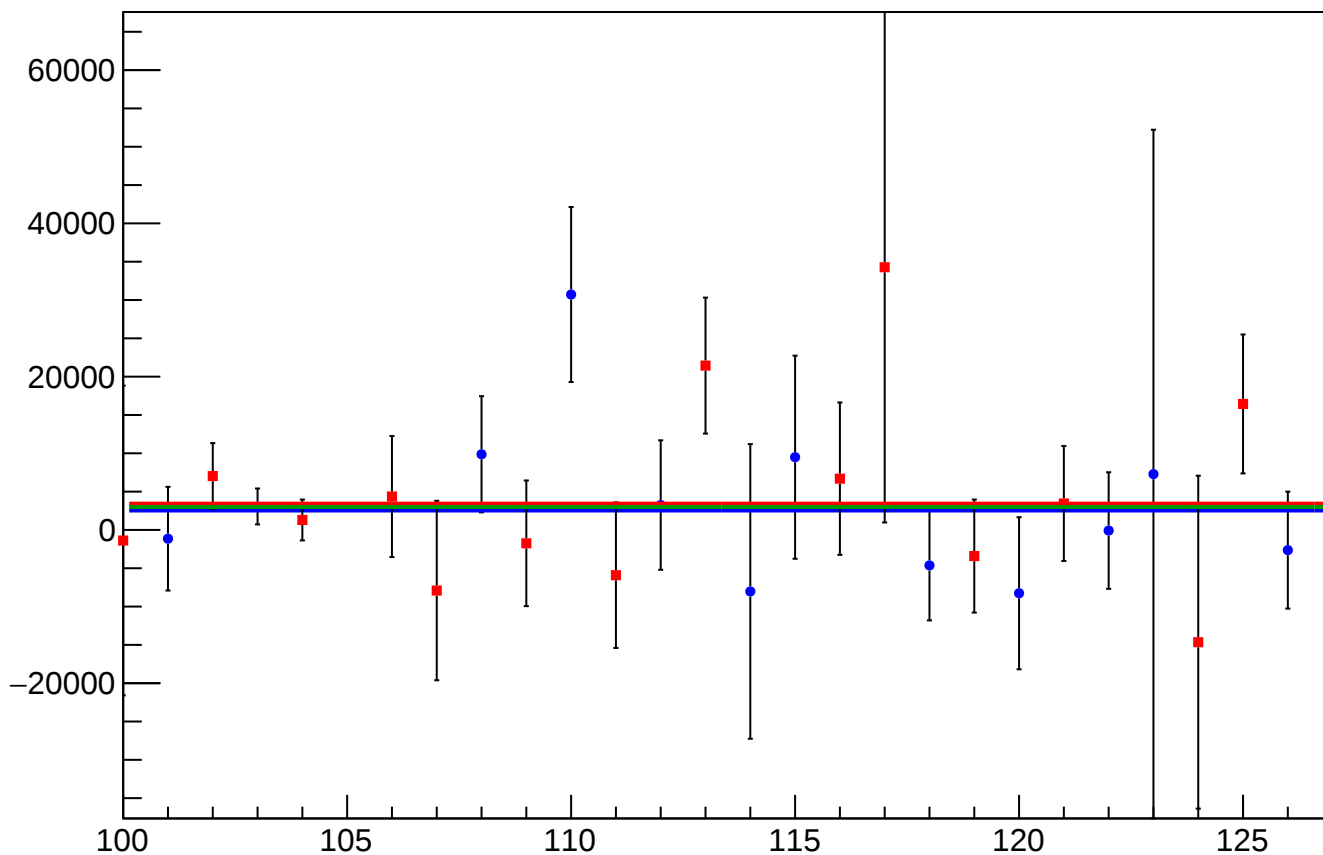
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1509.566+/-0.726 χ^2/NDF : 4088264.8/11

1531.018+/-0.498 χ^2/NDF : 8569451.1/26

1550.128+/-0.685 χ^2/NDF : 4479535.3/14

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2535.121+/-1779.715 χ^2/NDF : 10.7/11

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

Right Out: 3427.921+/-1732.695 χ^2/NDF : 12.9/14

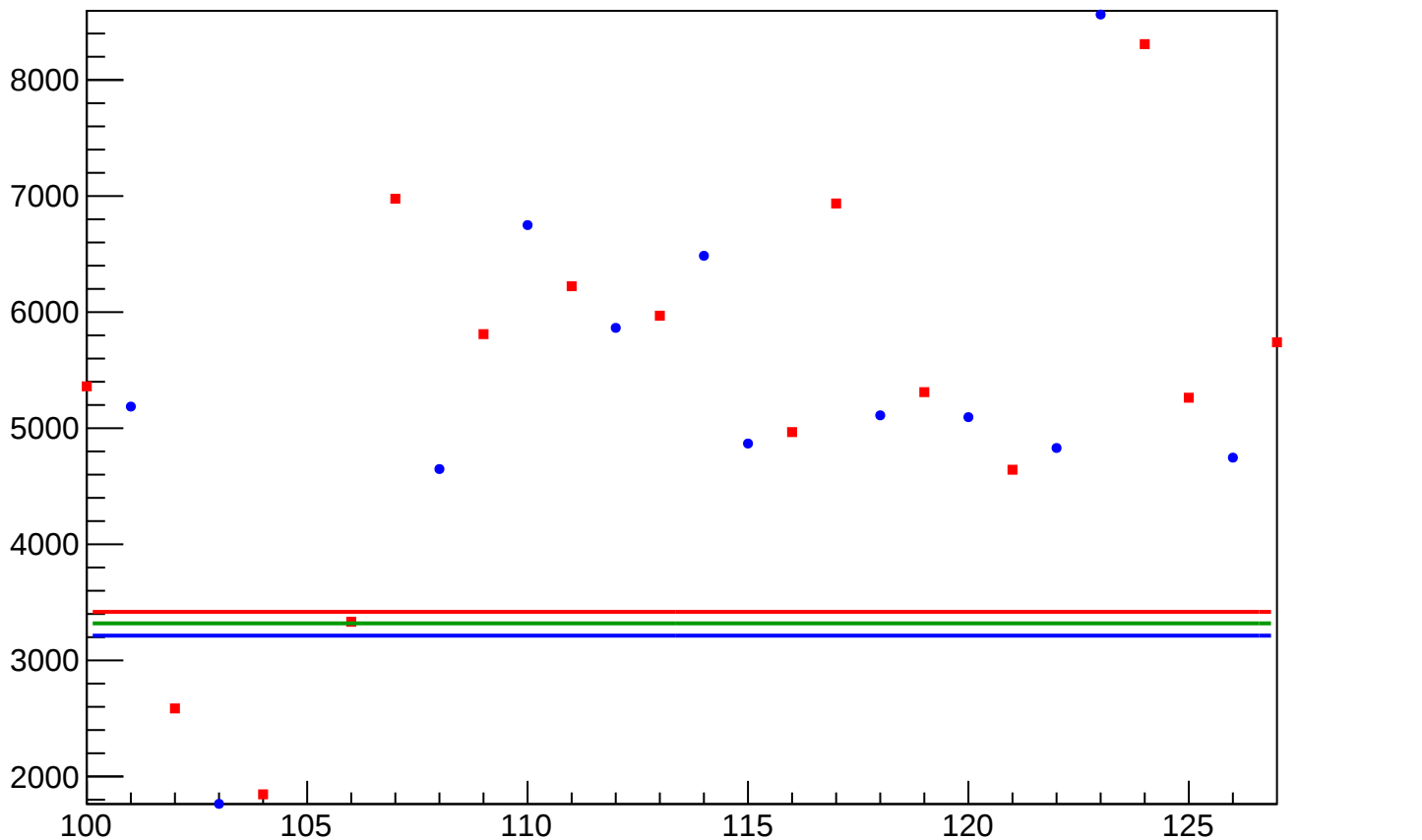
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2535.121+/-1779.715 χ^2/NDF : 10.7/11

2993.471+/-1241.491 χ^2/NDF : 23.8/26

3427.921+/-1732.695 χ^2/NDF : 12.9/14

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3213.156+/-1.258 χ^2/NDF : 1894737.3/11

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

Right Out: 3417.724+/-1.216 χ^2/NDF : 2059688.1/14

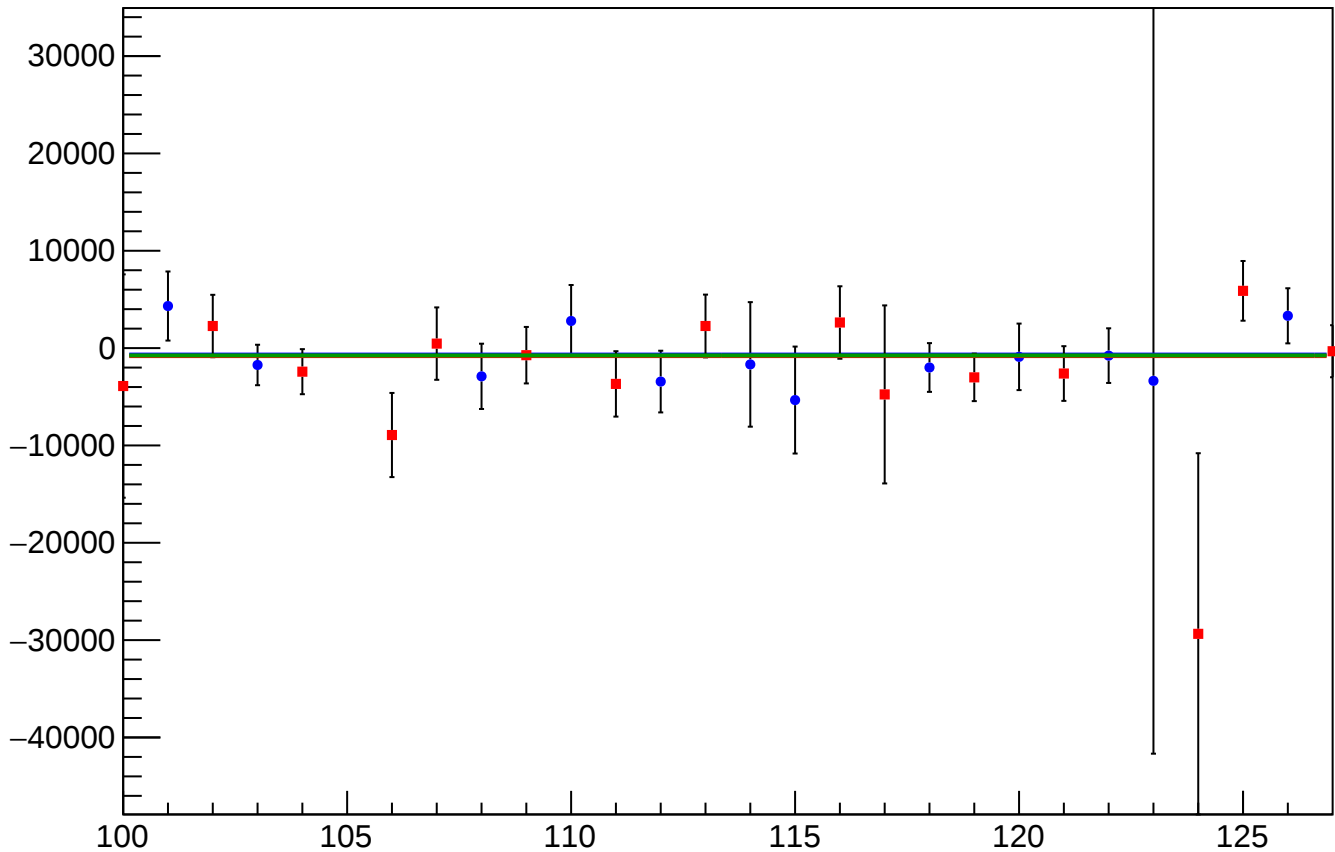
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3213.156+/-1.258 χ^2/NDF : 1894737.3/11

3318.970+/-0.874 χ^2/NDF : 3968093.5/26

3417.724+/-1.216 χ^2/NDF : 2059688.1/14

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -667.110+/-941.662 χ^2/NDF : 7.3/11

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

Right Out: -820.437+/-861.044 χ^2/NDF : 16.2/14

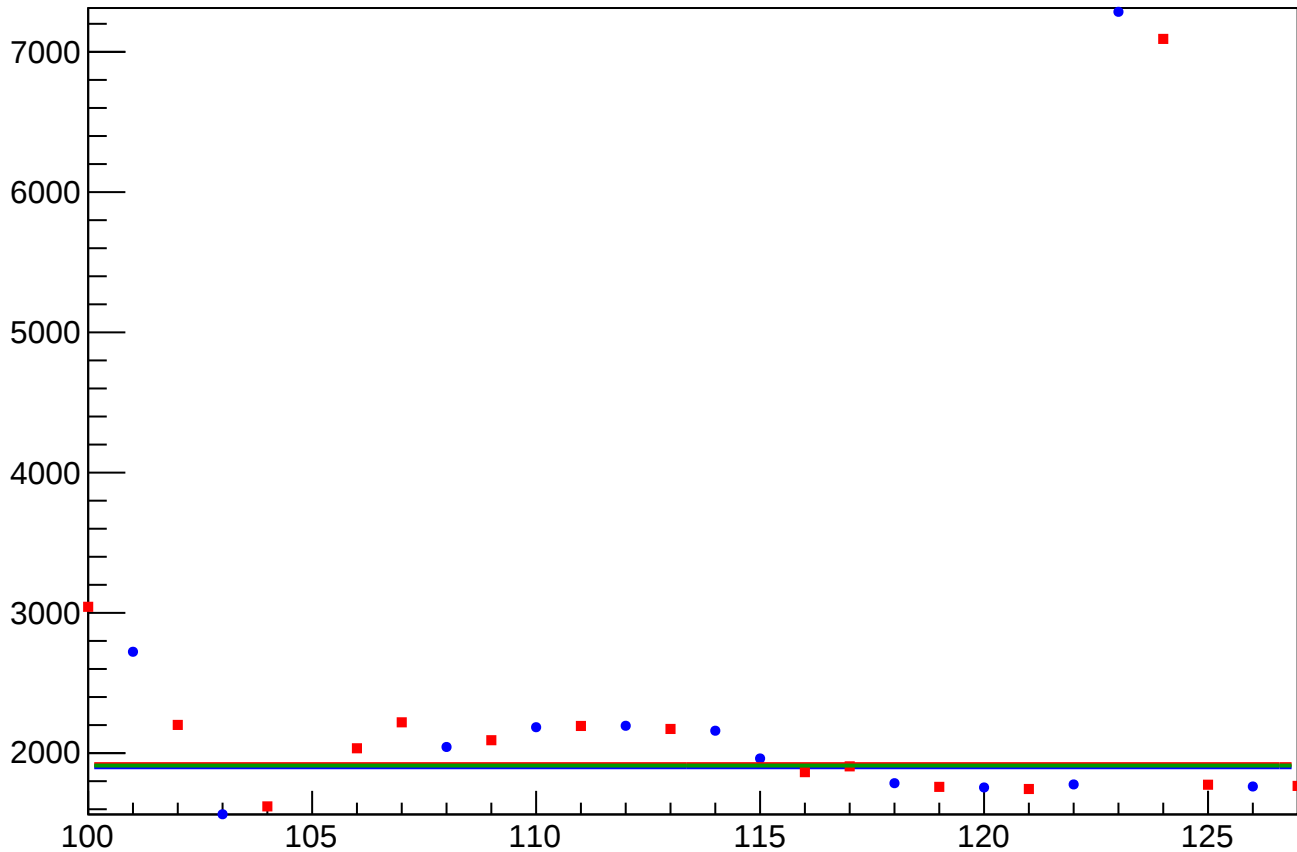
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-667.110+/-941.662 χ^2/NDF : 7.3/11

-750.617+/-635.443 χ^2/NDF : 23.5/26

-820.437+/-861.044 χ^2/NDF : 16.2/14

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1899.369+/-0.666 χ^2/NDF : 252055.6/11

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

Right Out: 1921.488+/-0.608 χ^2/NDF : 298643.7/14

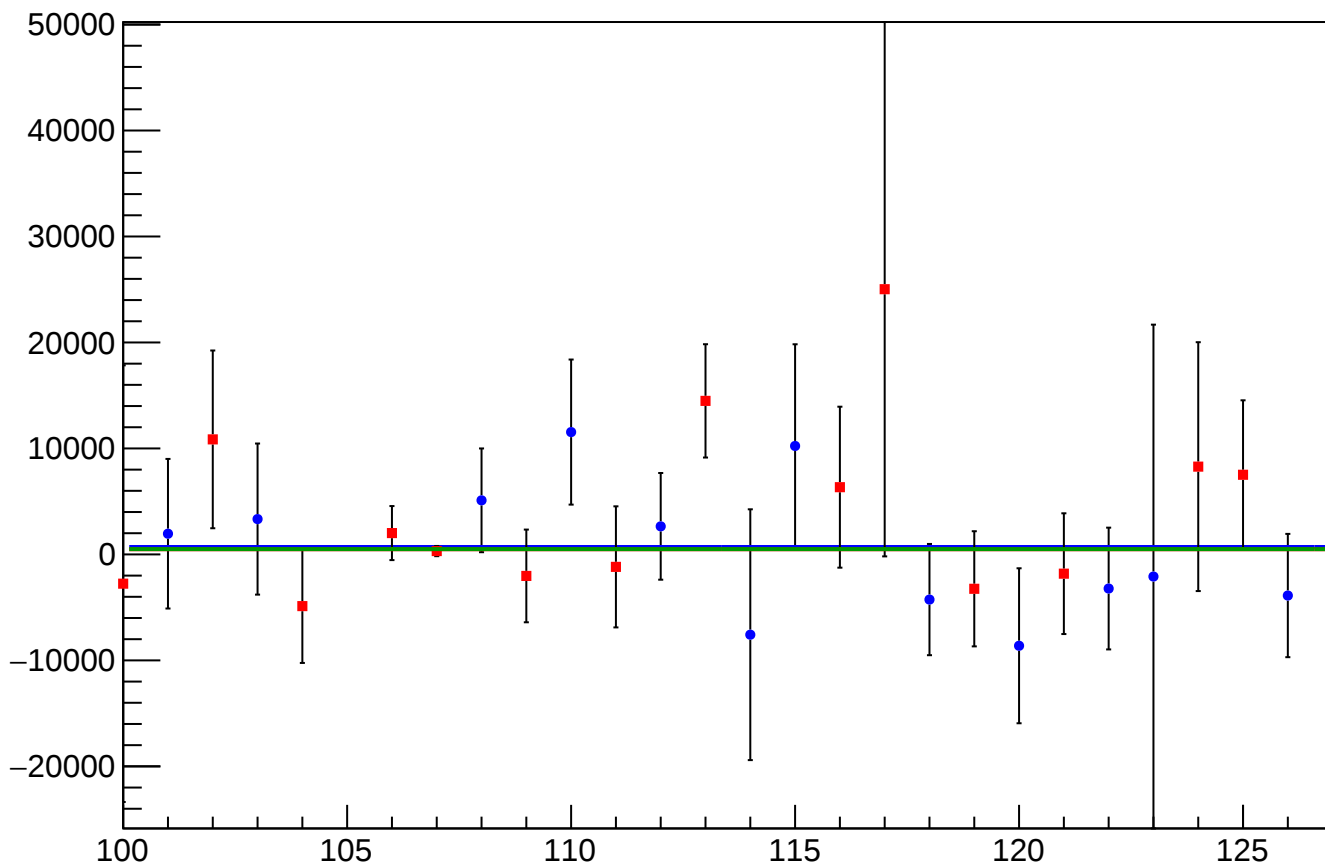
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1899.369+/-0.666 χ^2/NDF : 252055.6/11

1911.439+/-0.449 χ^2/NDF : 551301.4/26

1921.488+/-0.608 χ^2/NDF : 298643.7/14

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 699.497+/-1900.370 χ^2/NDF : 8.7/11

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

Right Out: 488.317+/-458.164 χ^2/NDF : 14.5/14

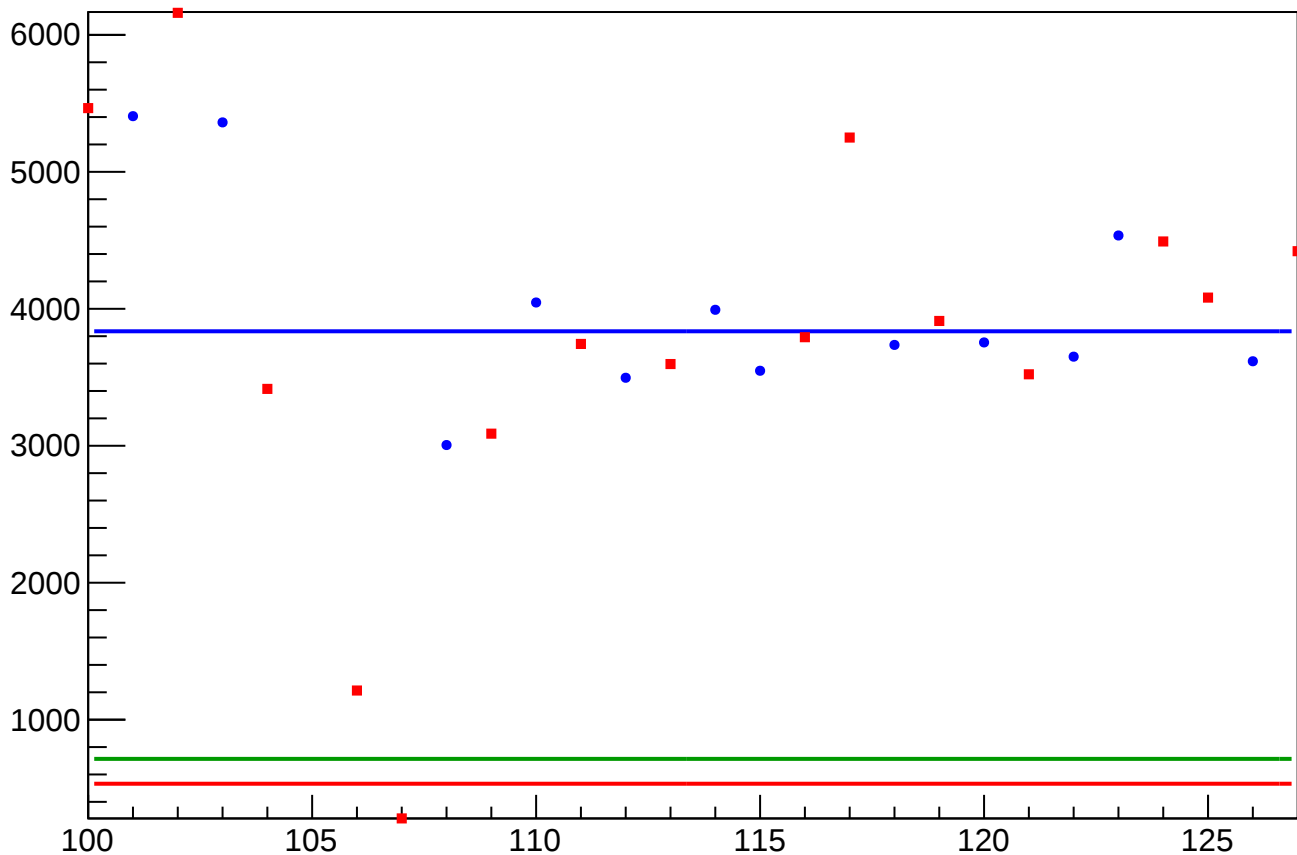
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

699.497+/-1900.370 χ^2/NDF : 8.7/11

499.918+/-445.403 χ^2/NDF : 23.2/26

488.317+/-458.164 χ^2/NDF : 14.5/14

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3835.871+/-1.344 χ^2/NDF : 268903.0/11

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

Right Out: 532.357+/-0.324 χ^2/NDF : 7413636.5/14

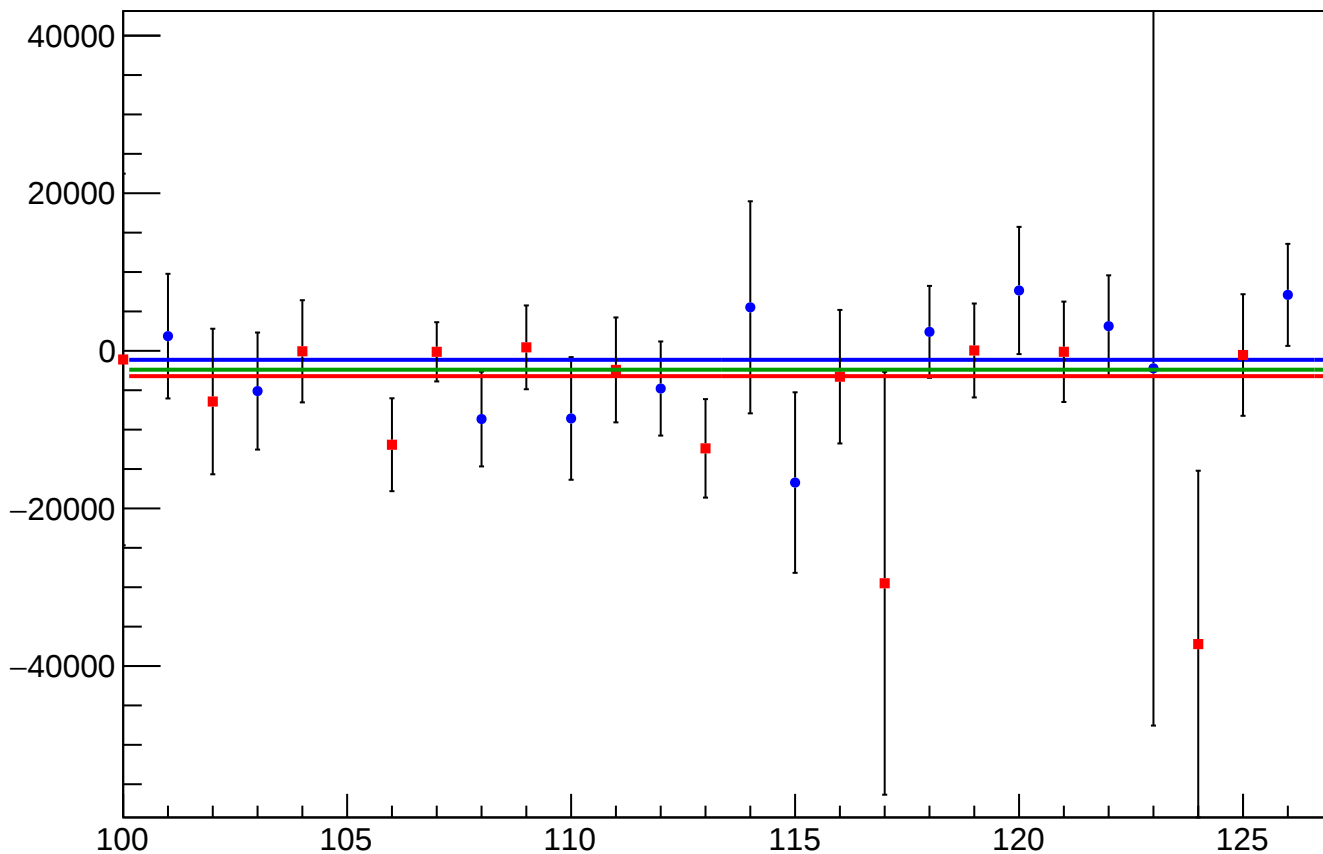
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3835.871+/-1.344 χ^2/NDF : 268903.0/11

713.827+/-0.315 χ^2/NDF : 13394287.7/26

532.357+/-0.324 χ^2/NDF : 7413636.5/14

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1139.828+/-2168.698 χ^2/NDF : 9.0/11

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

Right Out: -3212.824+/-1751.770 χ^2/NDF : 9.9/14

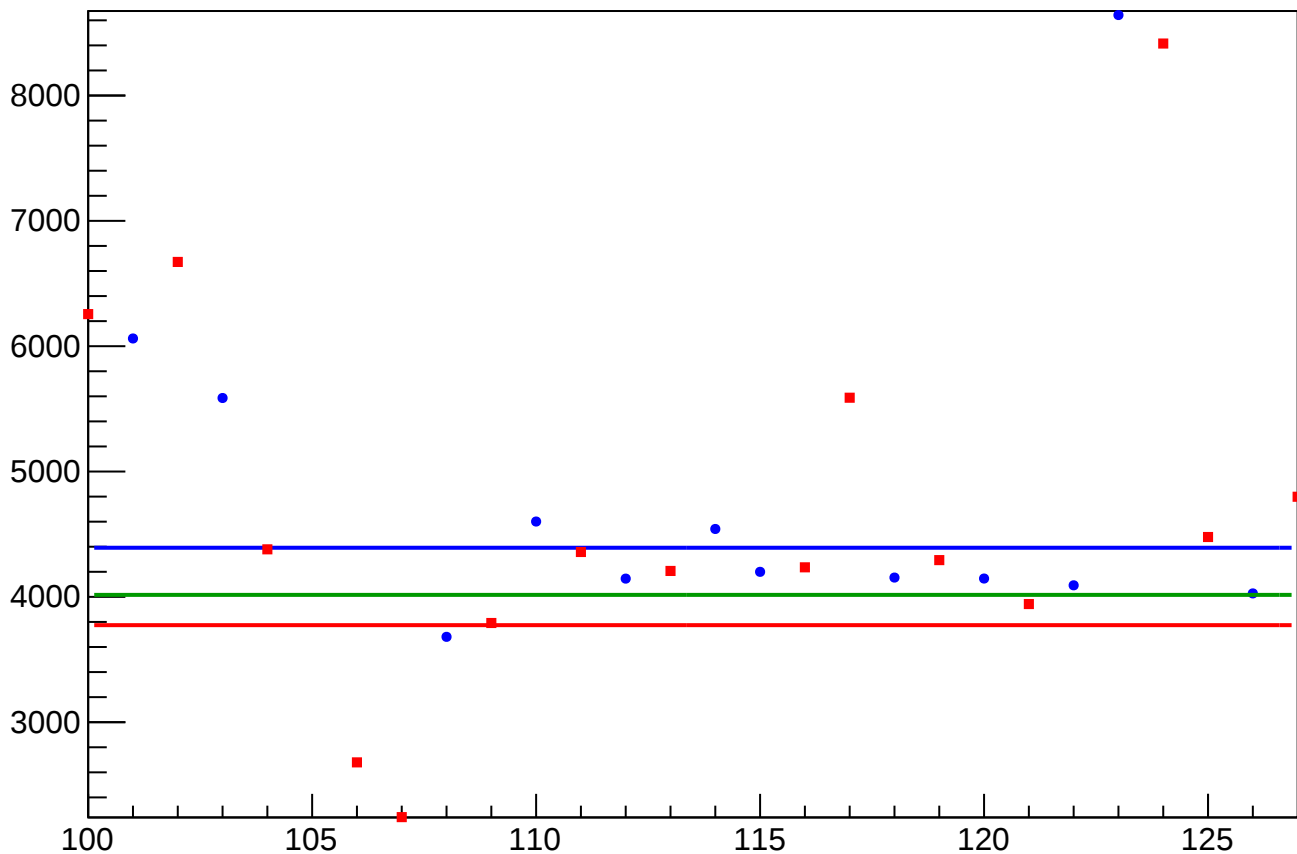
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1139.828+/-2168.698 χ^2/NDF : 9.0/11

-2394.316+/-1362.734 χ^2/NDF : 19.4/26

-3212.824+/-1751.770 χ^2/NDF : 9.9/14

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4391.940+/-1.534 χ^2/NDF : 207904.9/11

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

Right Out: 3774.314+/-1.229 χ^2/NDF : 851062.6/14

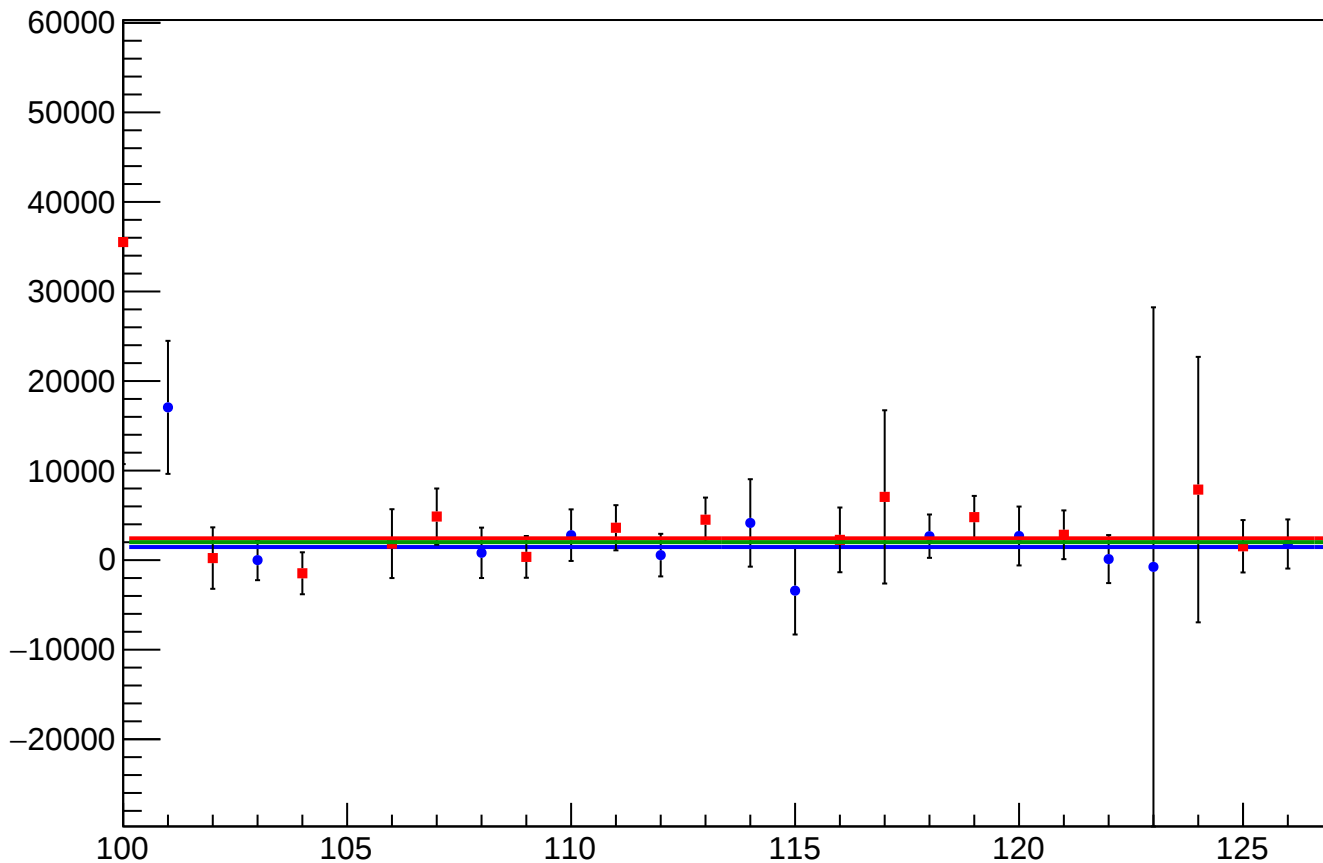
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4391.940+/-1.534 χ^2/NDF : 207904.9/11

4015.846+/-0.959 χ^2/NDF : 1157743.9/26

3774.314+/-1.229 χ^2/NDF : 851062.6/14

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1460.614+/-890.668 χ^2/NDF : 7.2/11

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

Right Out: 2435.004+/-787.078 χ^2/NDF : 8.8/14

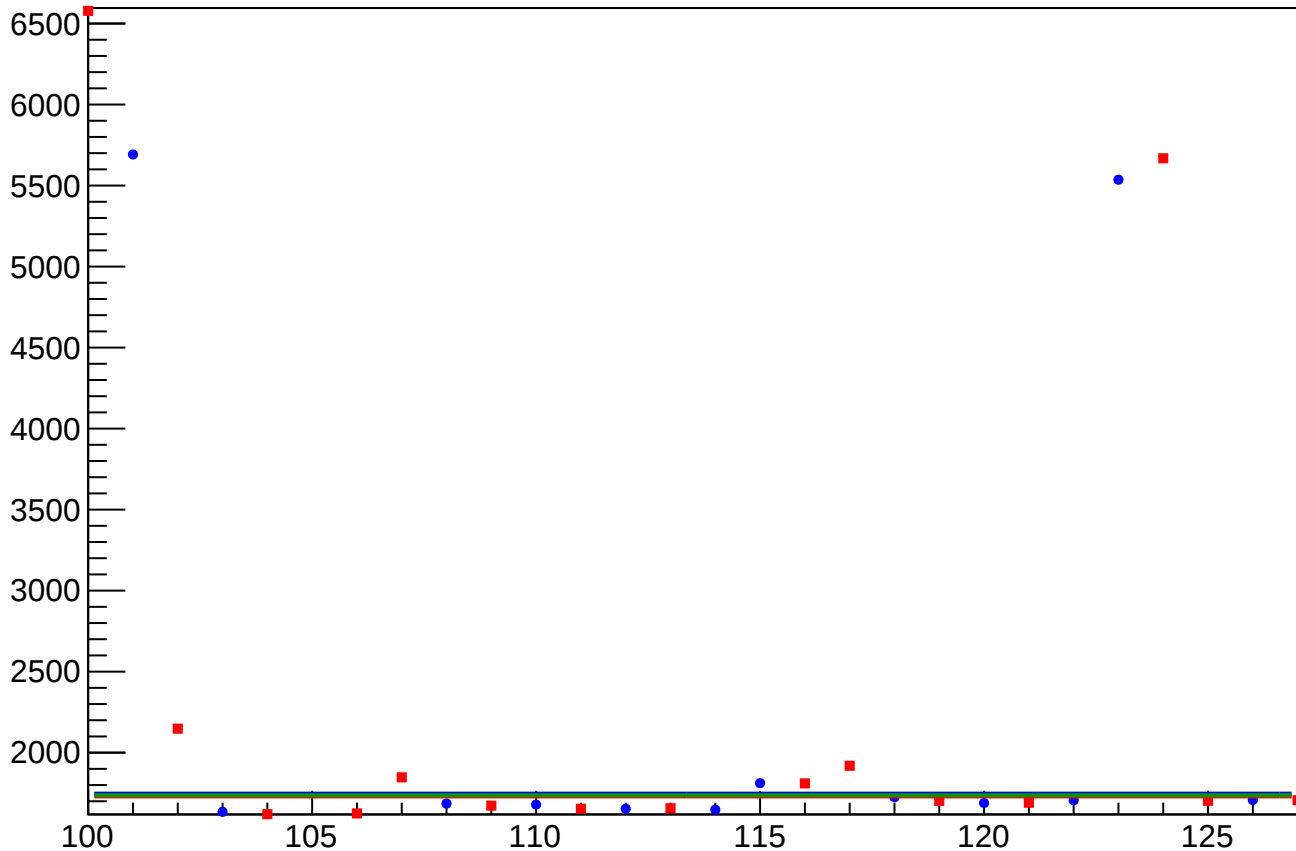
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1460.614+/-890.668 χ^2/NDF : 7.2/11

2007.743+/-589.789 χ^2/NDF : 16.7/26

2435.004+/-787.078 χ^2/NDF : 8.8/14

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1747.024+/-0.630 χ^2/NDF : 611244.9/11

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

Right Out: 1729.932+/-0.552 χ^2/NDF : 264219.2/14

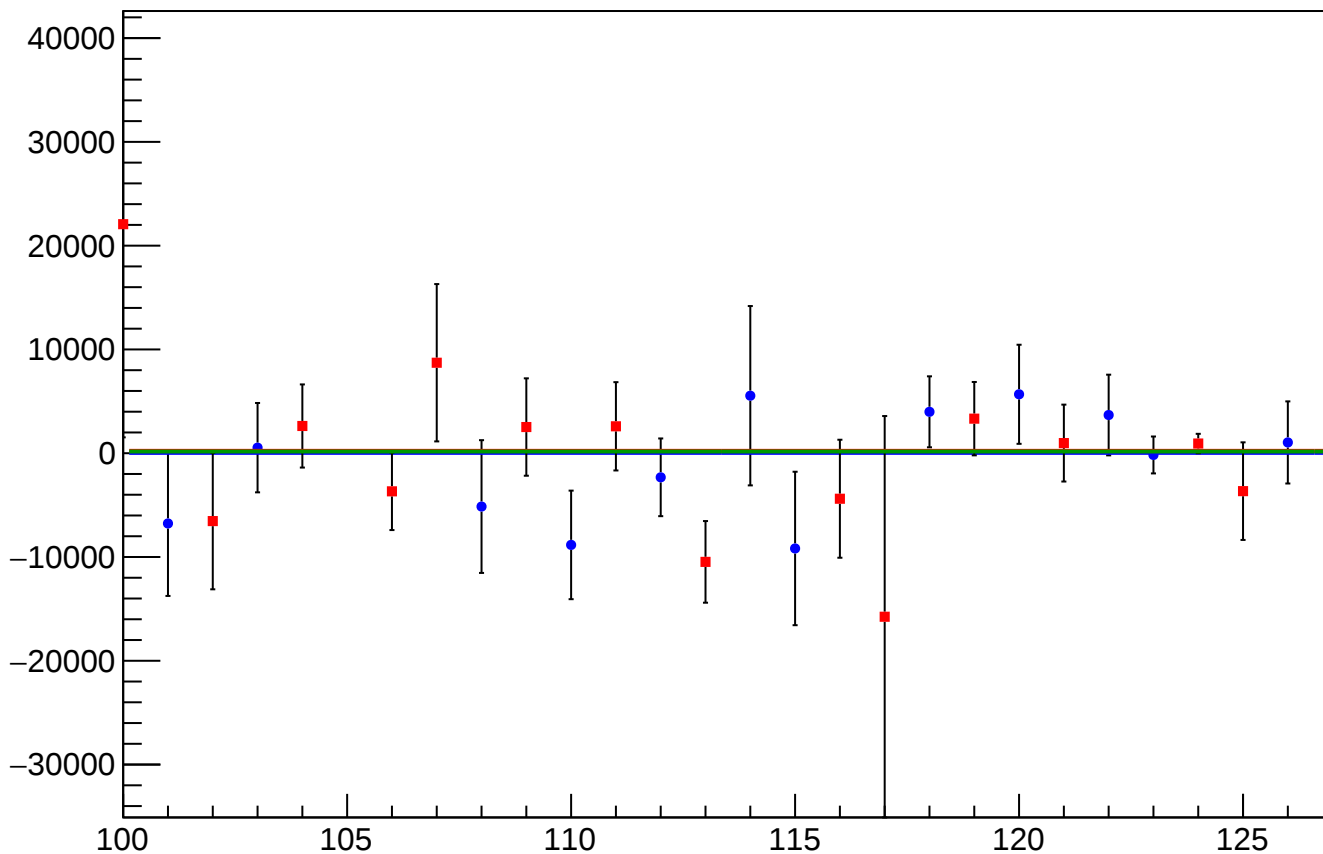
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1747.024+/-0.630 χ^2/NDF : 611244.9/11

1737.351+/-0.415 χ^2/NDF : 875880.9/26

1729.932+/-0.552 χ^2/NDF : 264219.2/14

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: 35.928+/-1108.286 χ^2/NDF : 10.5/11

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

Right Out: 227.282+/-752.486 χ^2/NDF : 17.1/14

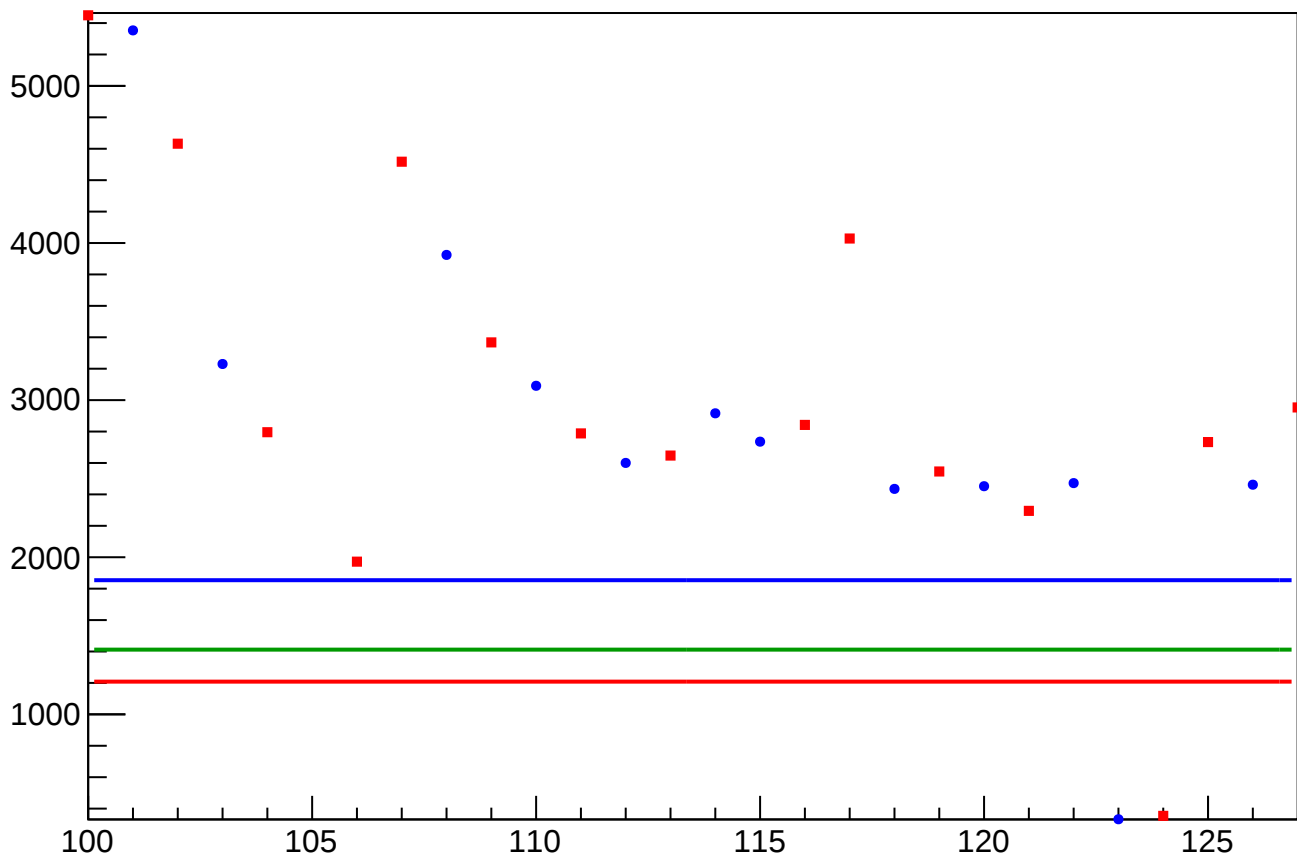
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.928+/-1108.286 χ^2/NDF : 10.5/11

166.904+/-622.550 χ^2/NDF : 27.7/26

227.282+/-752.486 χ^2/NDF : 17.1/14

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1853.834 ± 0.784 $\chi^2/\text{NDF}: 2817268.1/11$

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

Right Out: 1208.220 ± 0.532 $\chi^2/\text{NDF}: 5215502.2/14$

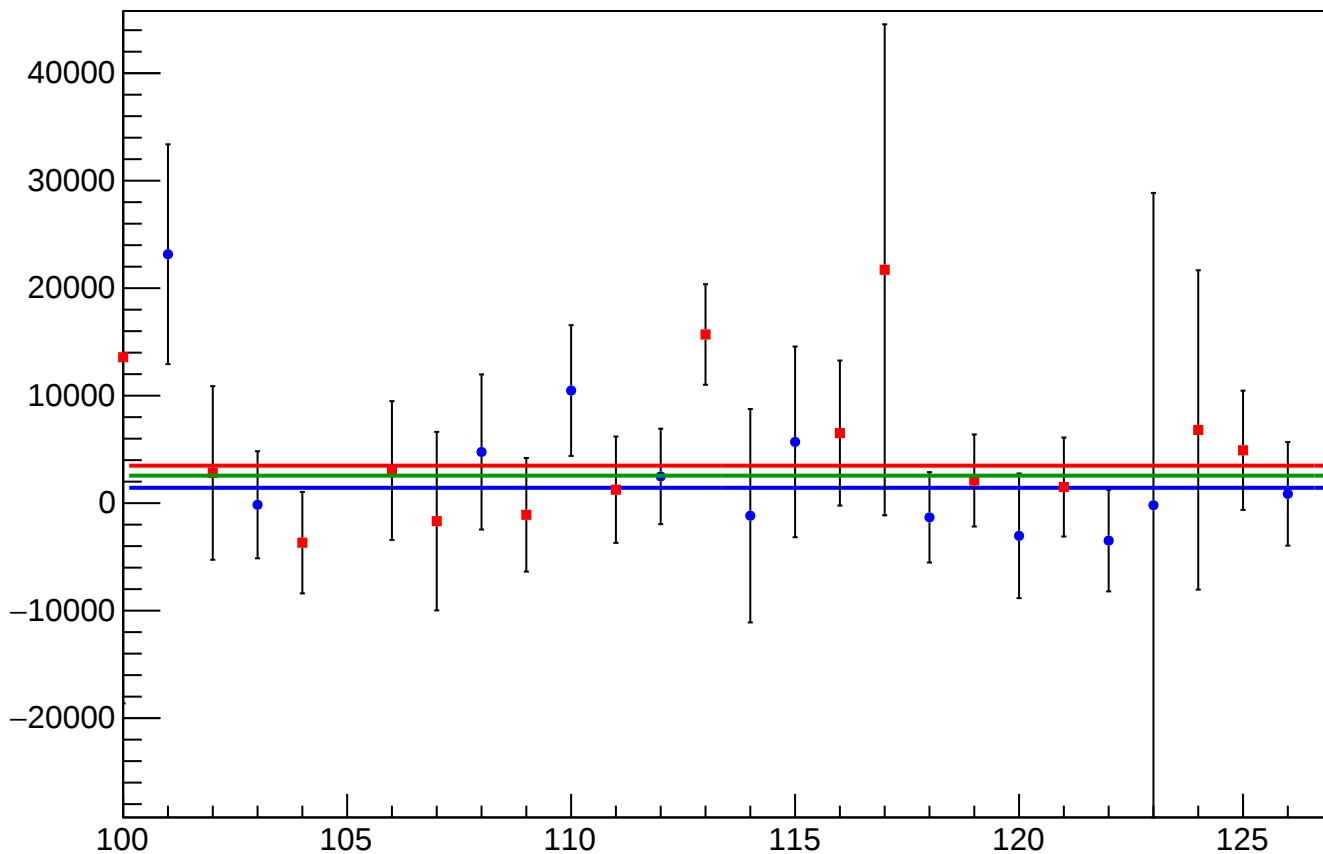
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1853.834 ± 0.784 $\chi^2/\text{NDF}: 2817268.1/11$

1411.933 ± 0.440 $\chi^2/\text{NDF}: 8497311.9/26$

1208.220 ± 0.532 $\chi^2/\text{NDF}: 5215502.2/14$

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1427.345+/-1702.421 χ^2/NDF : 9.5/11

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

Right Out: 3487.452+/-1542.065 χ^2/NDF : 12.1/14

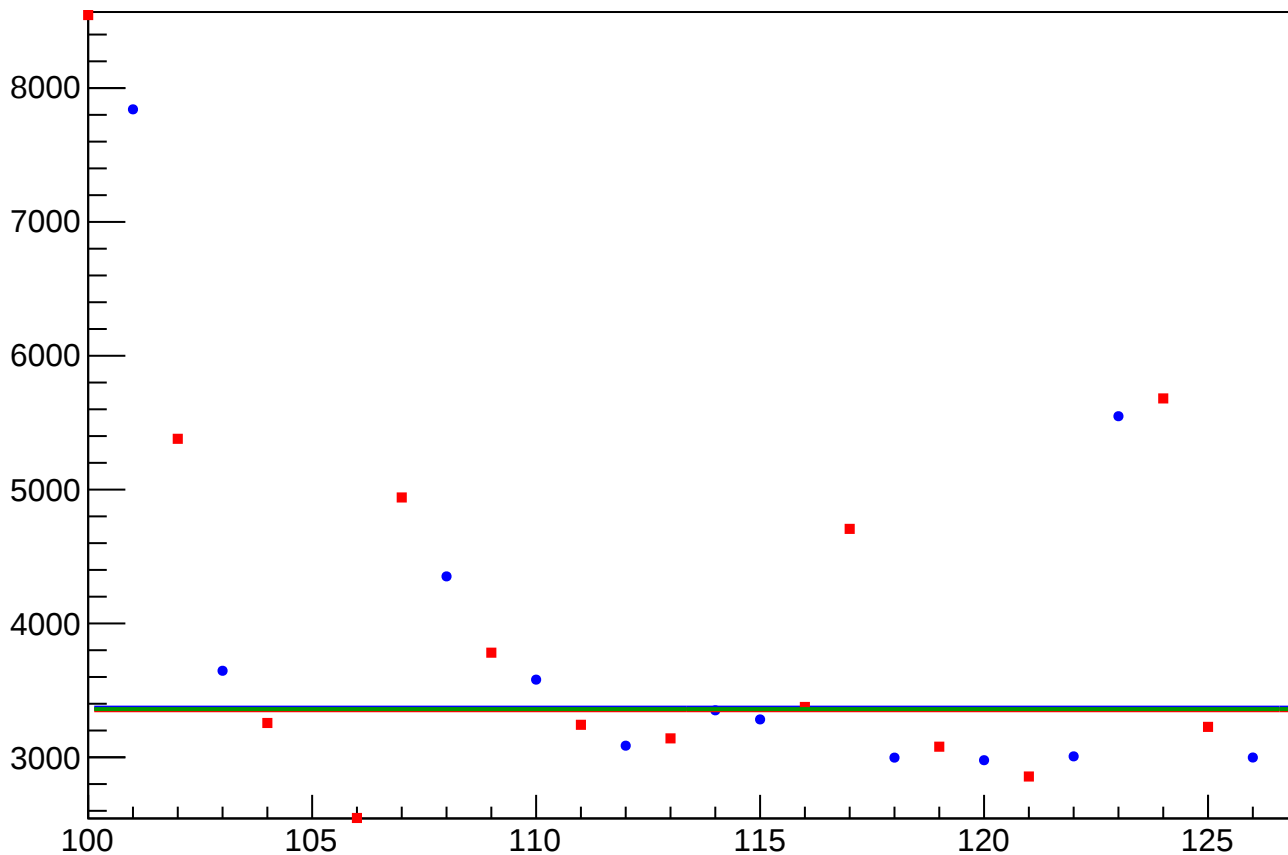
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1427.345+/-1702.421 χ^2/NDF : 9.5/11

2558.970+/-1142.902 χ^2/NDF : 22.5/26

3487.452+/-1542.065 χ^2/NDF : 12.1/14

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3371.047+/-1.204 χ^2/NDF : 496041.4/11

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

Right Out: 3351.511+/-1.072 χ^2/NDF : 410050.3/14

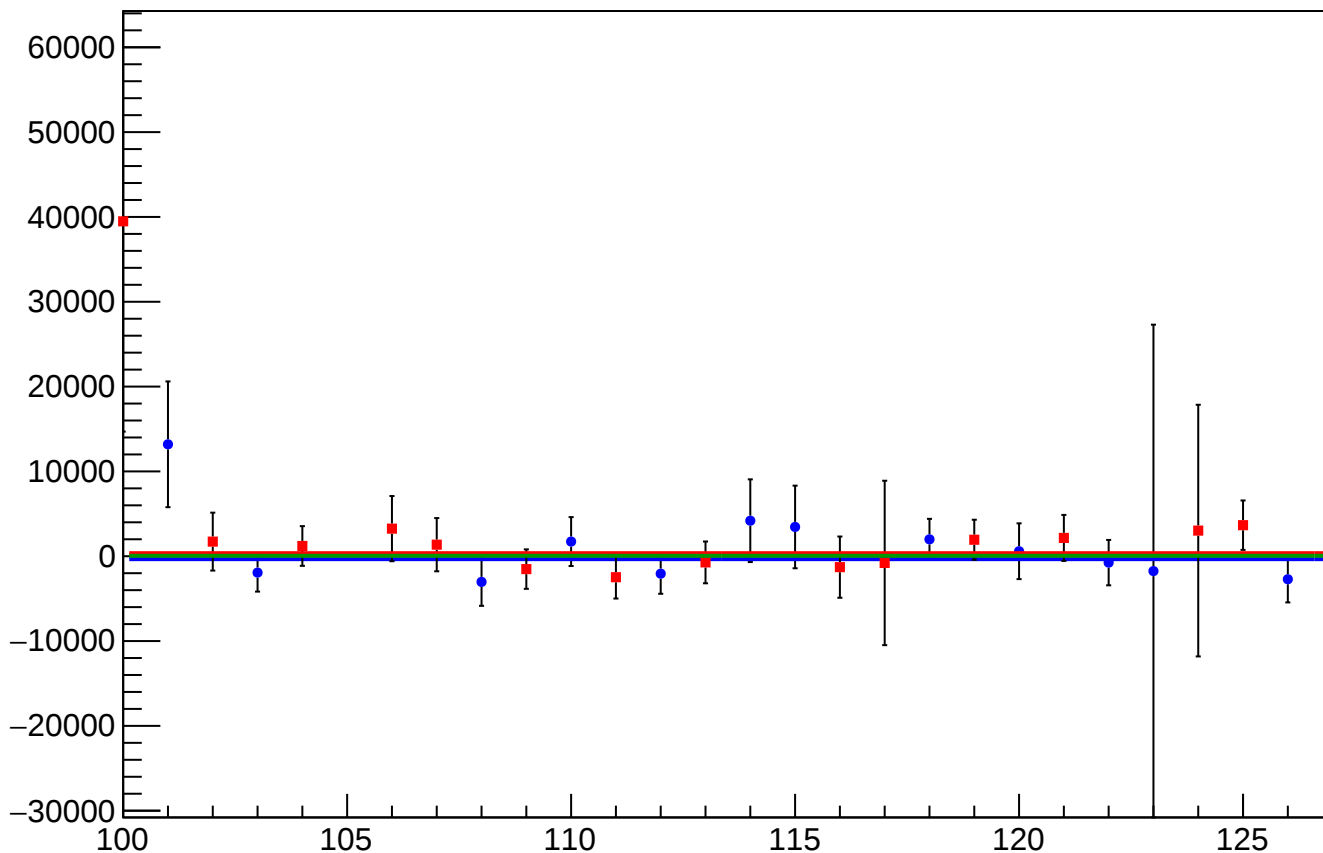
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3371.047+/-1.204 χ^2/NDF : 496041.4/11

3360.147+/-0.800 χ^2/NDF : 906238.6/26

3351.511+/-1.072 χ^2/NDF : 410050.3/14

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -345.031+/-889.196 χ^2/NDF : 9.0/11

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

Right Out: 358.212+/-784.711 χ^2/NDF : 9.3/14

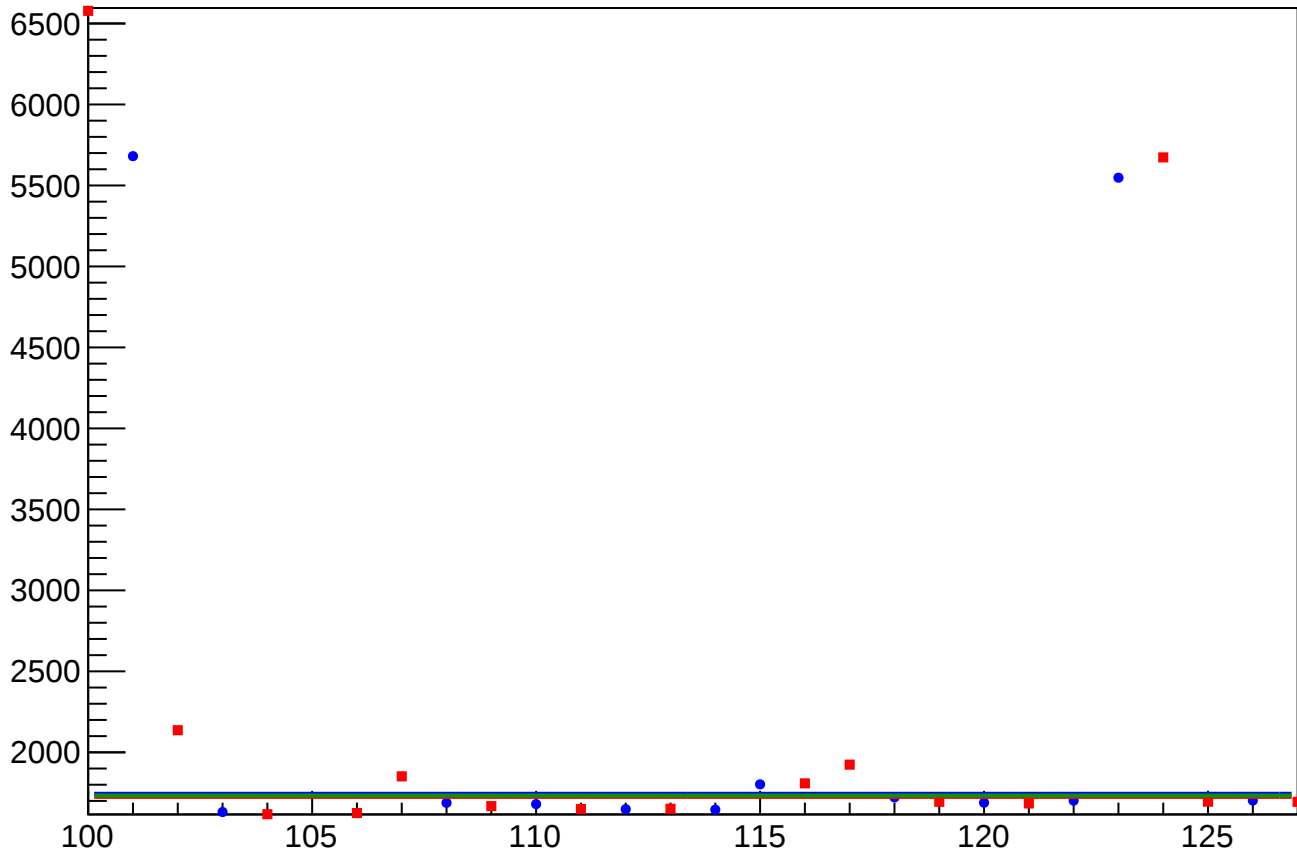
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-345.031+/-889.196 χ^2/NDF : 9.0/11

50.316+/-588.365 χ^2/NDF : 18.7/26

358.212+/-784.711 χ^2/NDF : 9.3/14

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1744.113+/-0.629 χ^2/NDF : 611059.8/11

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

Right Out: 1724.815+/-0.550 χ^2/NDF : 264678.9/14

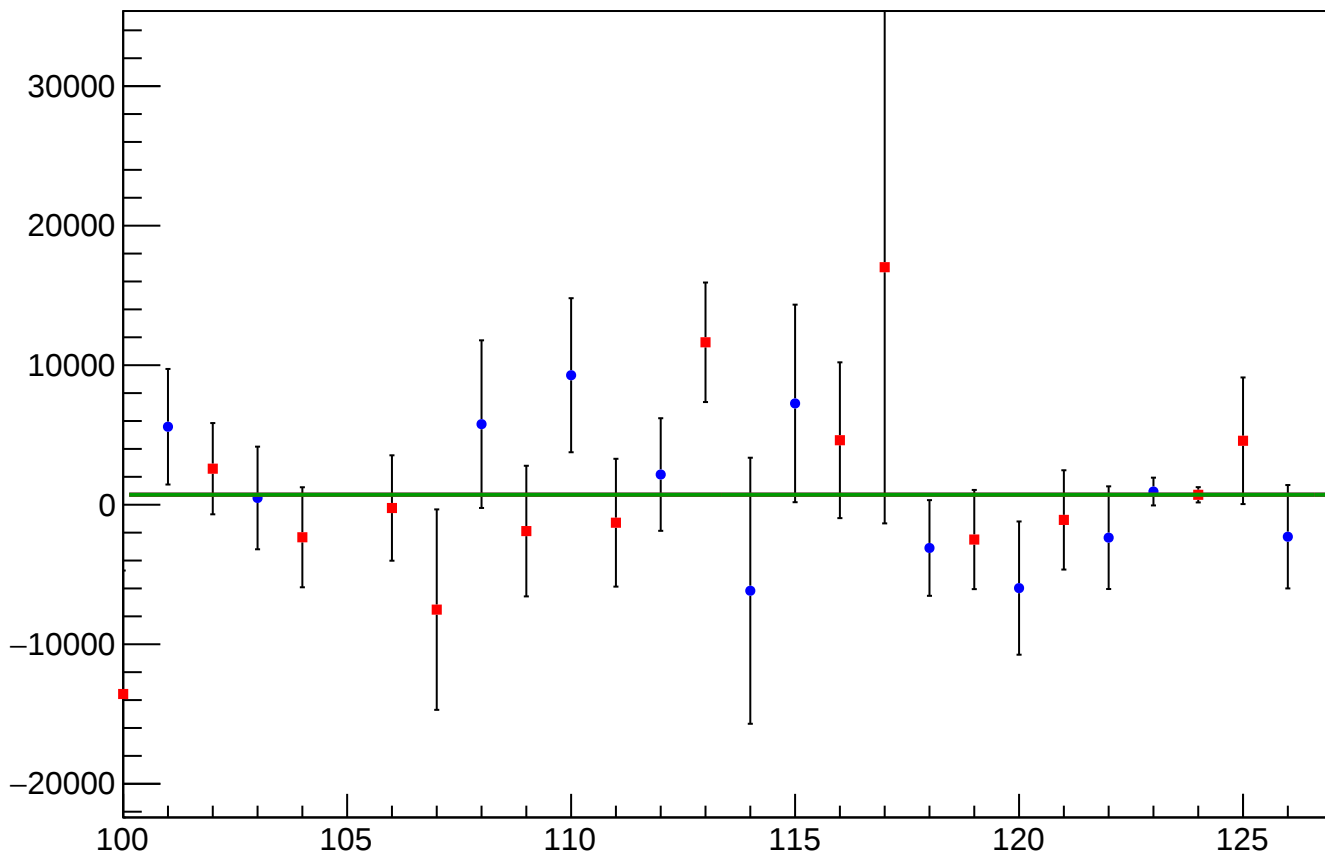
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1744.113+/-0.629 χ^2/NDF : 611059.8/11

1733.179+/-0.414 χ^2/NDF : 876272.5/26

1724.815+/-0.550 χ^2/NDF : 264678.9/14

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 715.052+/-798.046 χ^2/NDF : 10.6/11

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

Right Out: 719.266+/-497.214 χ^2/NDF : 15.5/14

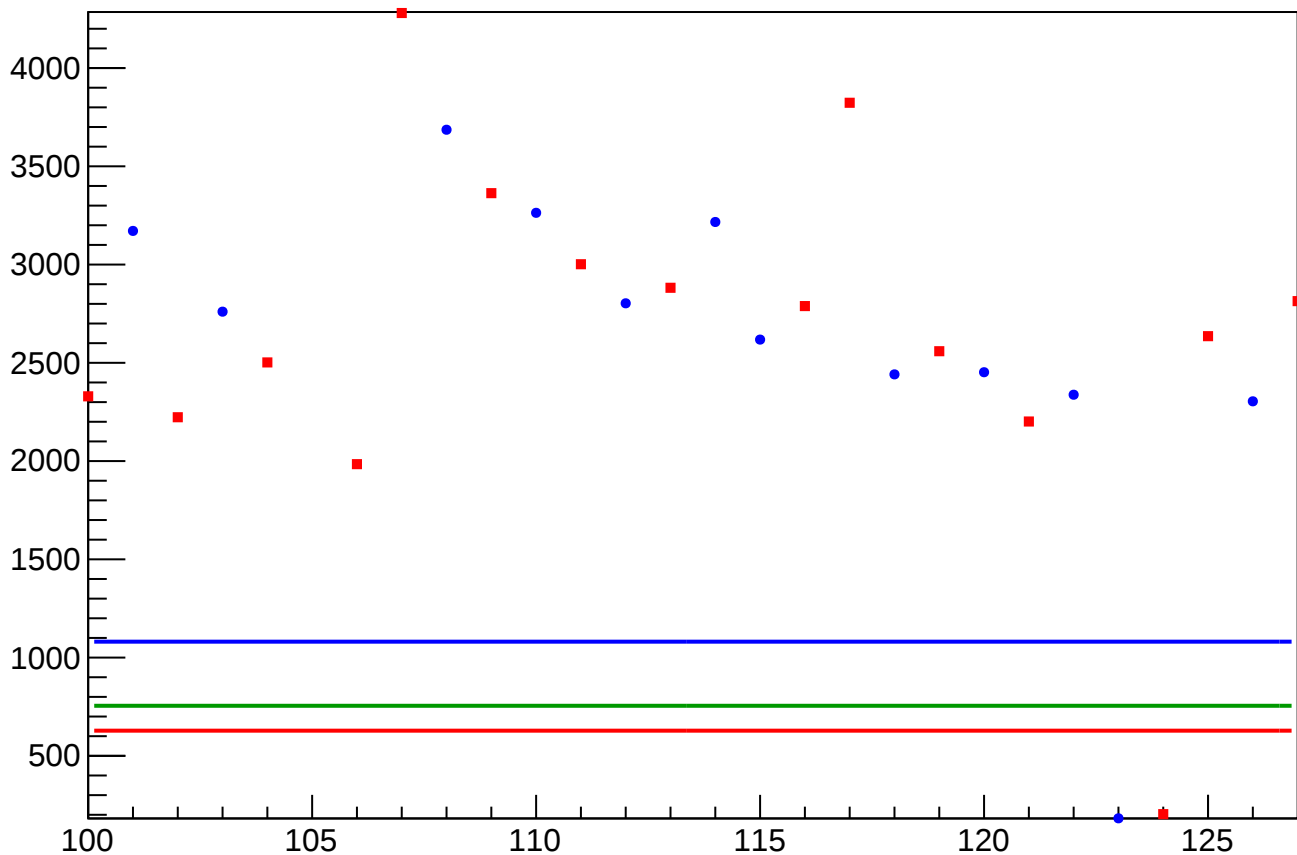
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

715.052+/-798.046 χ^2/NDF : 10.6/11

718.088+/-422.008 χ^2/NDF : 26.2/26

719.266+/-497.214 χ^2/NDF : 15.5/14

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1080.997+/-0.564 χ^2/NDF : 4736135.4/11

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

Right Out: 628.108+/-0.352 χ^2/NDF : 7090405.7/14

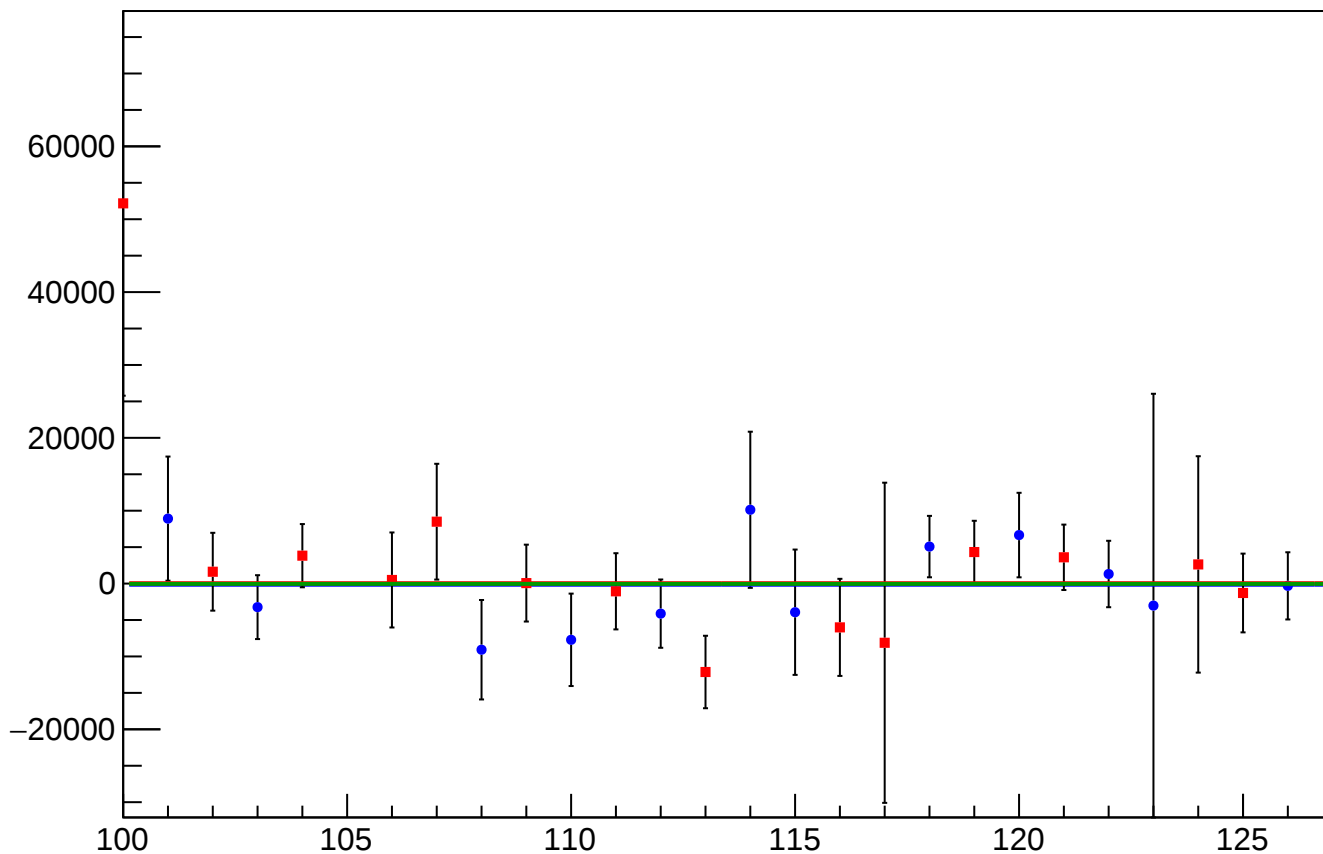
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1080.997+/-0.564 χ^2/NDF : 4736135.4/11

754.750+/-0.298 χ^2/NDF : 12290537.0/26

628.108+/-0.352 χ^2/NDF : 7090405.7/14

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -155.817+/-1661.154 χ^2/NDF : 9.6/11

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

Right Out: 49.619+/-1493.837 χ^2/NDF : 15.3/14

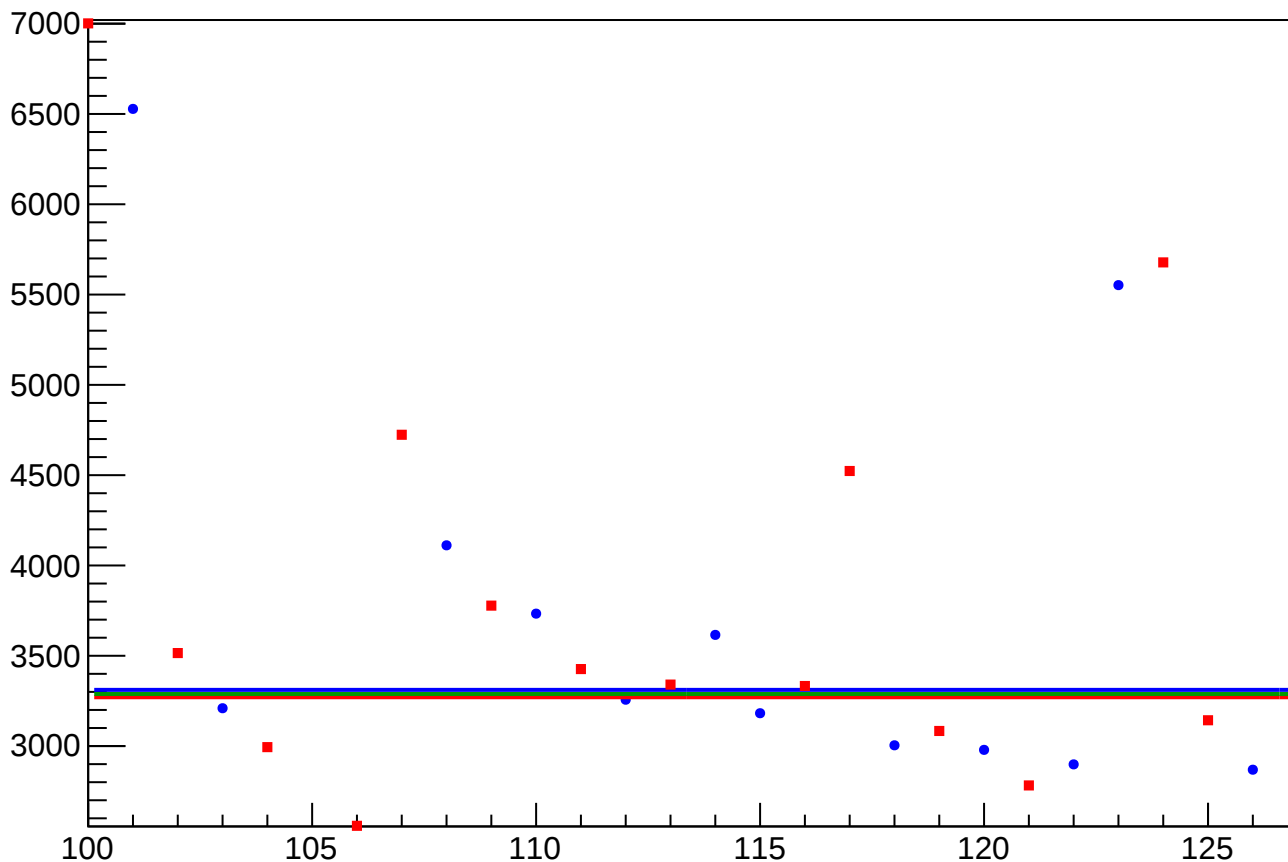
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-155.817+/-1661.154 χ^2/NDF : 9.6/11

-42.234+/-1110.759 χ^2/NDF : 24.9/26

49.619+/-1493.837 χ^2/NDF : 15.3/14

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3311.225+/-1.175 χ^2/NDF : 388982.8/11

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

Right Out: 3270.307+/-1.039 χ^2/NDF : 266922.4/14

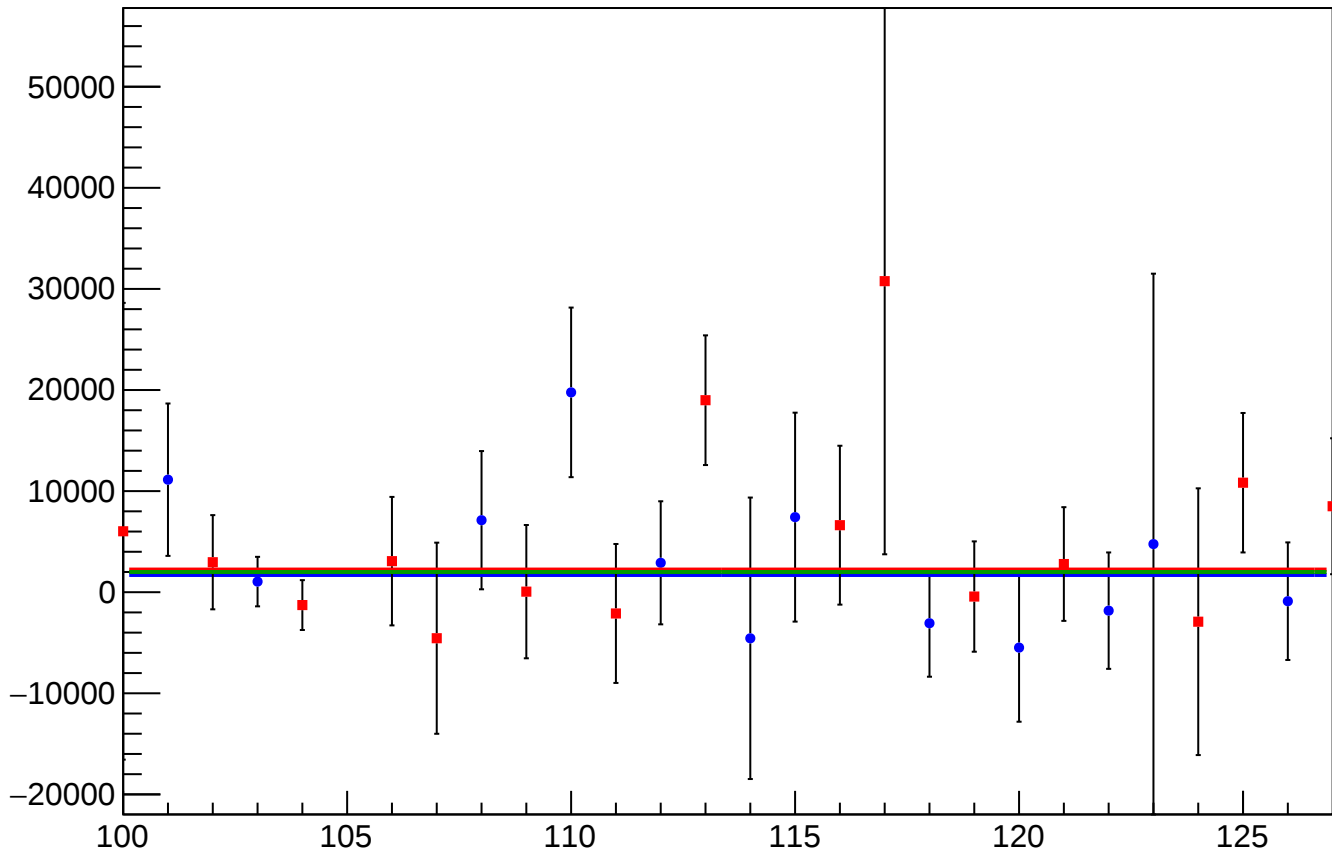
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3311.225+/-1.175 χ^2/NDF : 388982.8/11

3288.271+/-0.778 χ^2/NDF : 656585.9/26

3270.307+/-1.039 χ^2/NDF : 266922.4/14

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1705.198+/-1628.839 χ^2/NDF : 9.8/11

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

Right Out: 2239.746+/-1492.993 χ^2/NDF : 14.2/14

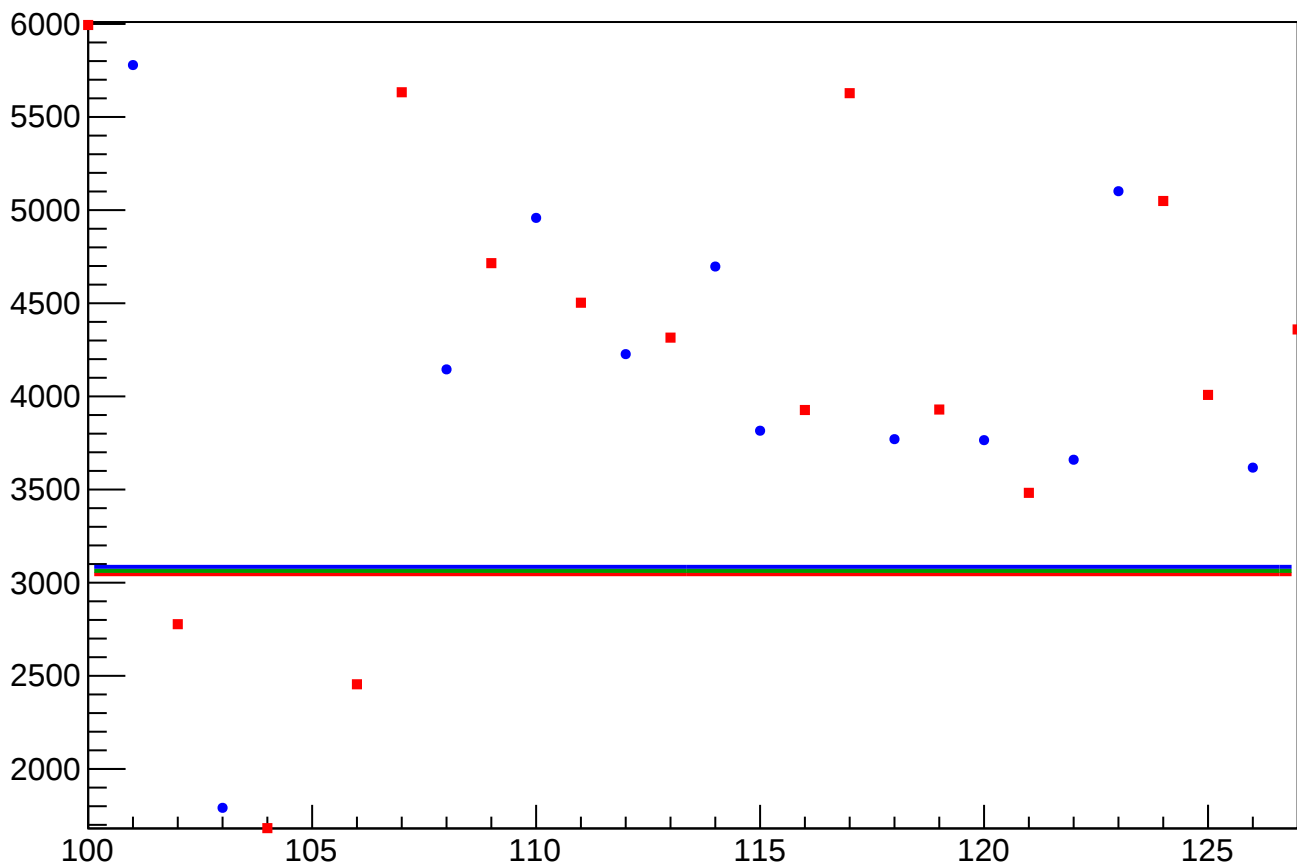
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1705.198+/-1628.839 χ^2/NDF : 9.8/11

1995.689+/-1100.603 χ^2/NDF : 24.1/26

2239.746+/-1492.993 χ^2/NDF : 14.2/14

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3085.000+/-1.152 χ^2/NDF : 1167588.4/11

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

Right Out: 3045.509+/-1.044 χ^2/NDF : 1392016.9/14

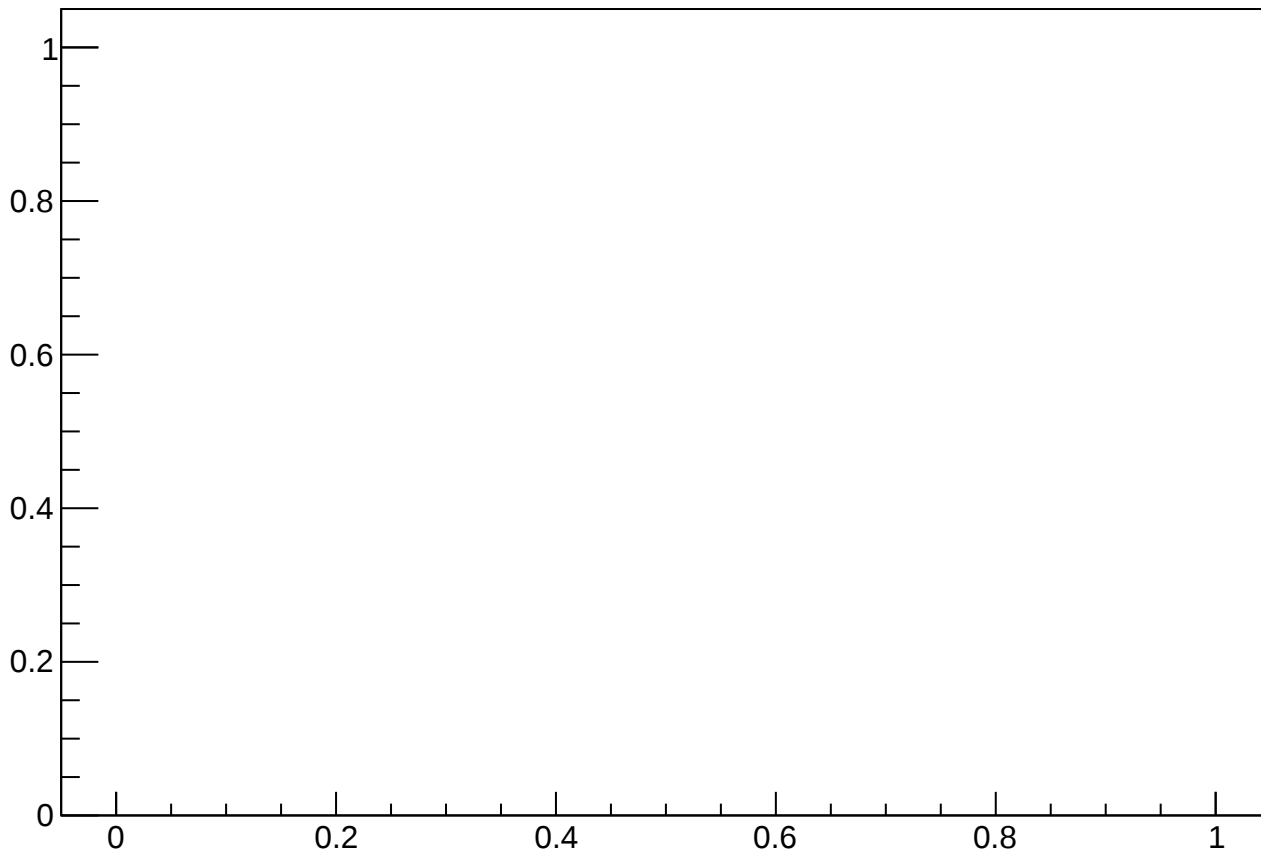
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3085.000+/-1.152 χ^2/NDF : 1167588.4/11

3063.330+/-0.774 χ^2/NDF : 2560250.5/26

3045.509+/-1.044 χ^2/NDF : 1392016.9/14

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

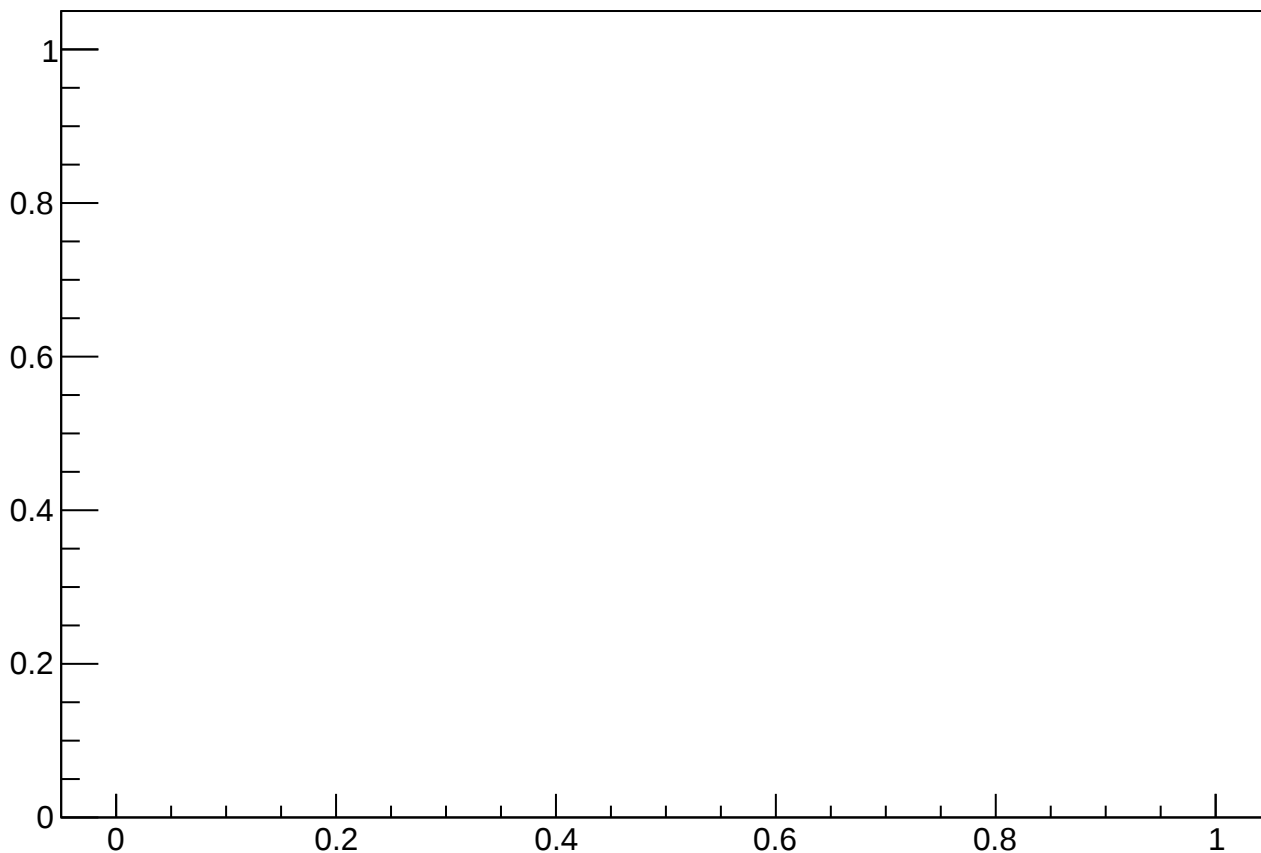
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

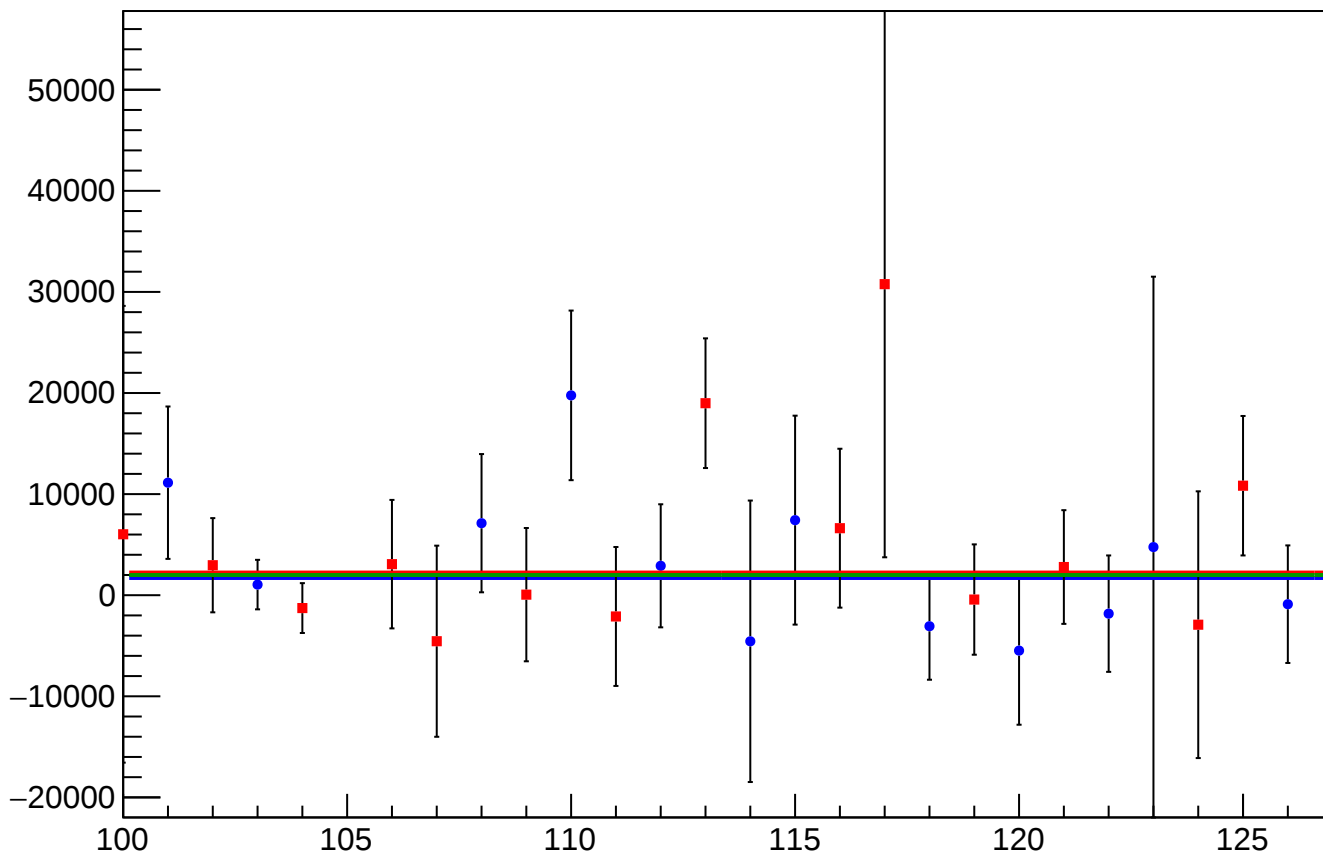
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 1705.198+/-1628.839 χ^2 /NDF: 9.8/11

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

Right Out: 2239.746+/-1492.993 χ^2 /NDF: 14.2/14

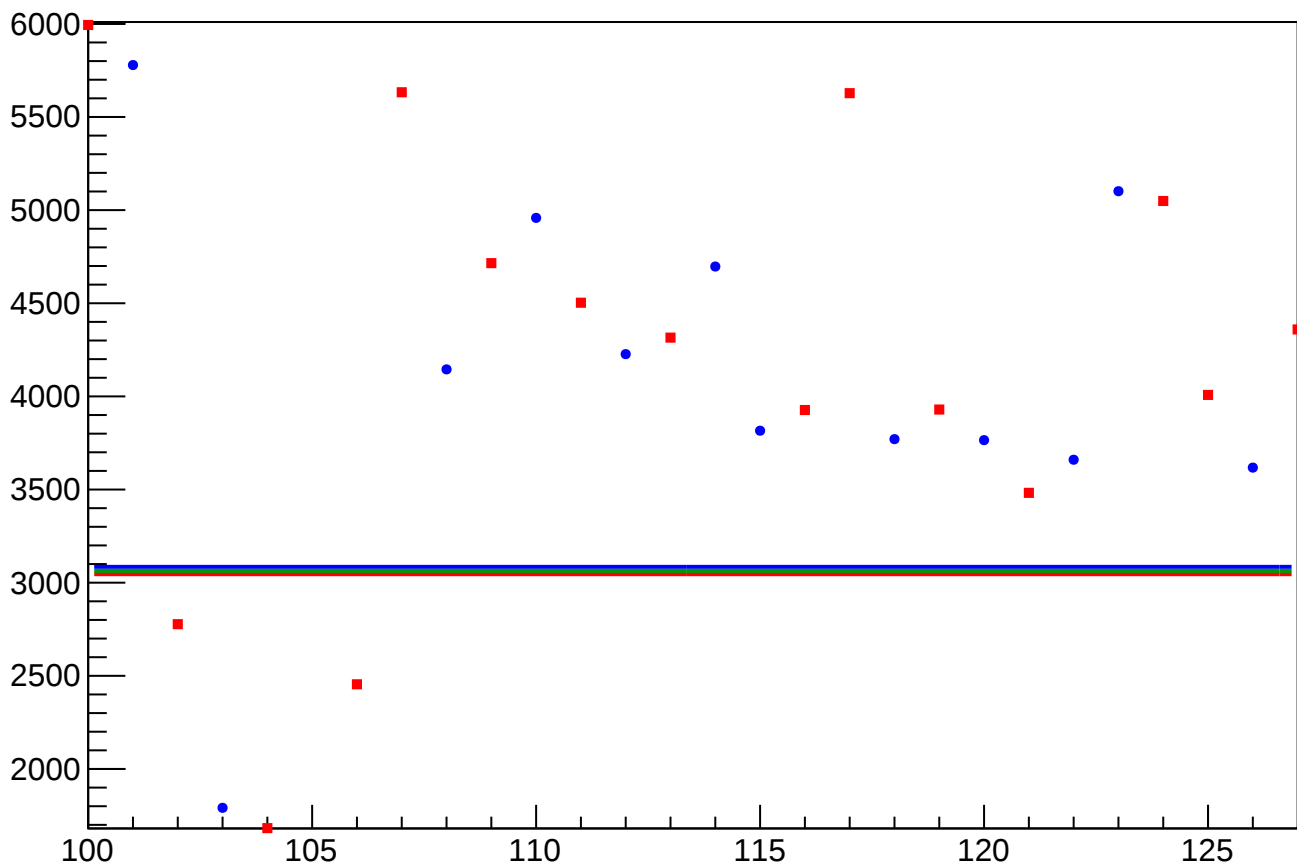
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1705.198+/-1628.839 χ^2 /NDF: 9.8/11

1995.689+/-1100.603 χ^2 /NDF: 24.1/26

2239.746+/-1492.993 χ^2 /NDF: 14.2/14

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3085.000+/-1.152 χ^2/NDF : 1167588.4/11

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

Right Out: 3045.509+/-1.044 χ^2/NDF : 1392016.9/14

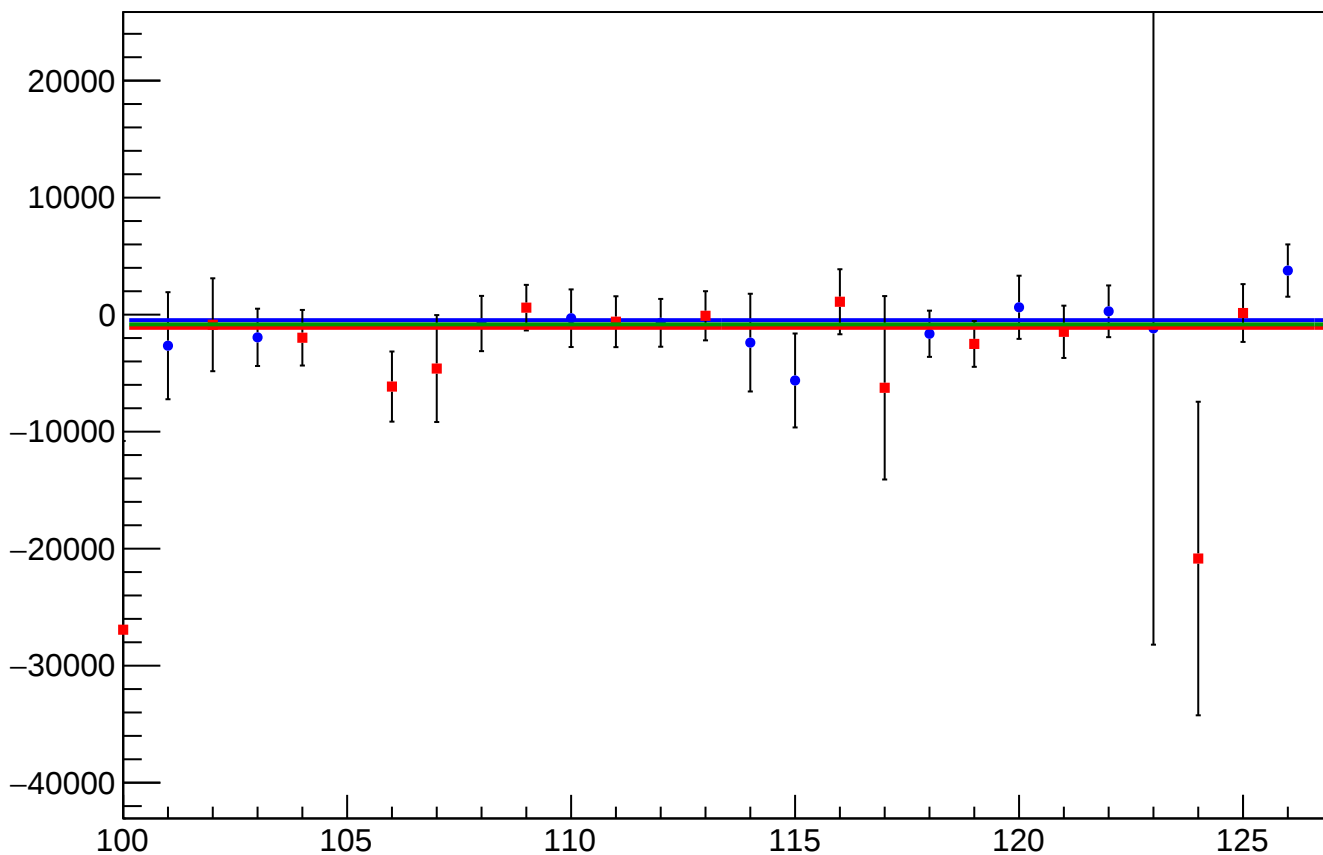
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3085.000+/-1.152 χ^2/NDF : 1167588.4/11

3063.330+/-0.774 χ^2/NDF : 2560250.5/26

3045.509+/-1.044 χ^2/NDF : 1392016.9/14

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -472.682 ± 763.014 χ^2/NDF : 6.7/11

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

Right Out: -1125.277 ± 694.132 χ^2/NDF : 11.6/14

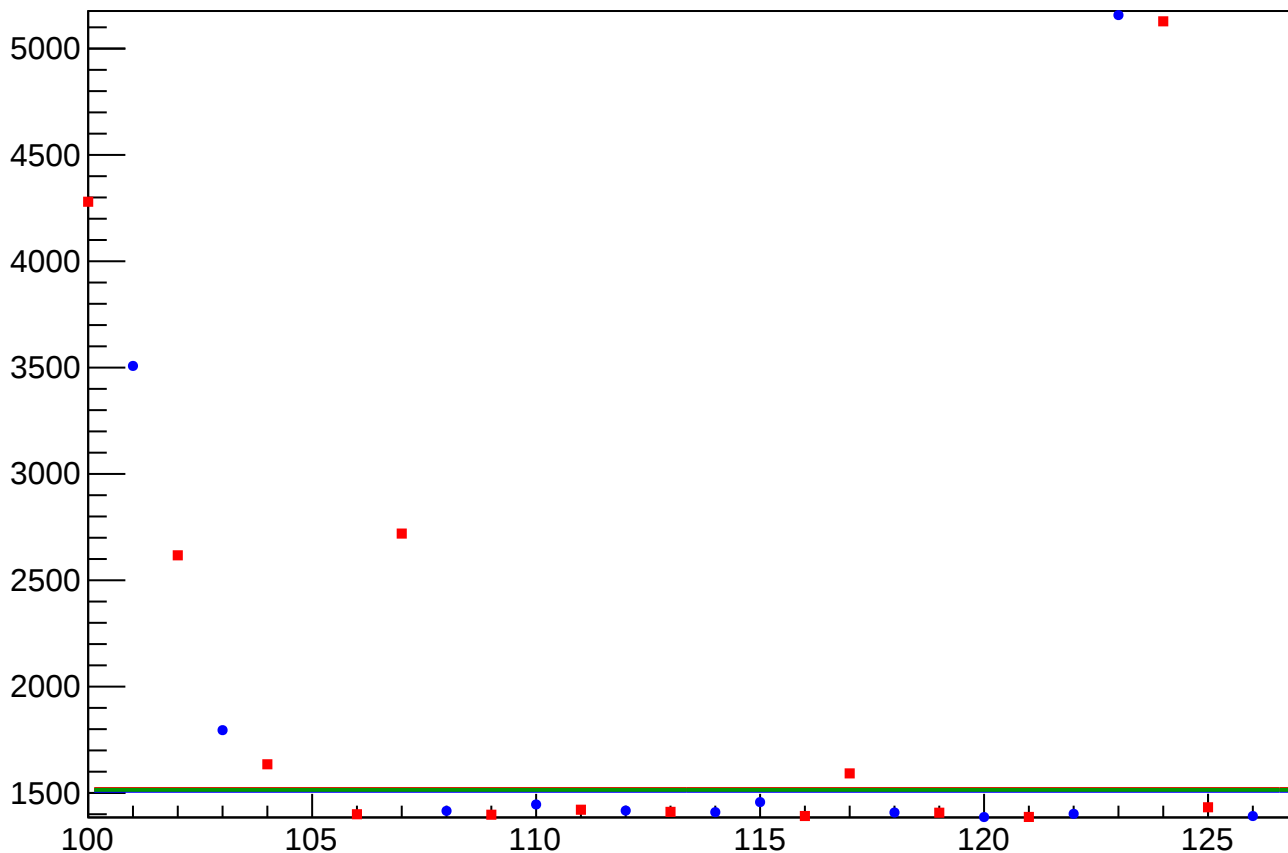
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-472.682 ± 763.014 χ^2/NDF : 6.7/11

-829.760 ± 513.454 χ^2/NDF : 18.7/26

-1125.277 ± 694.132 χ^2/NDF : 11.6/14

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1510.201+/-0.540 χ^2/NDF : 475095.9/11

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

Right Out: 1518.428+/-0.491 χ^2/NDF : 540329.5/14

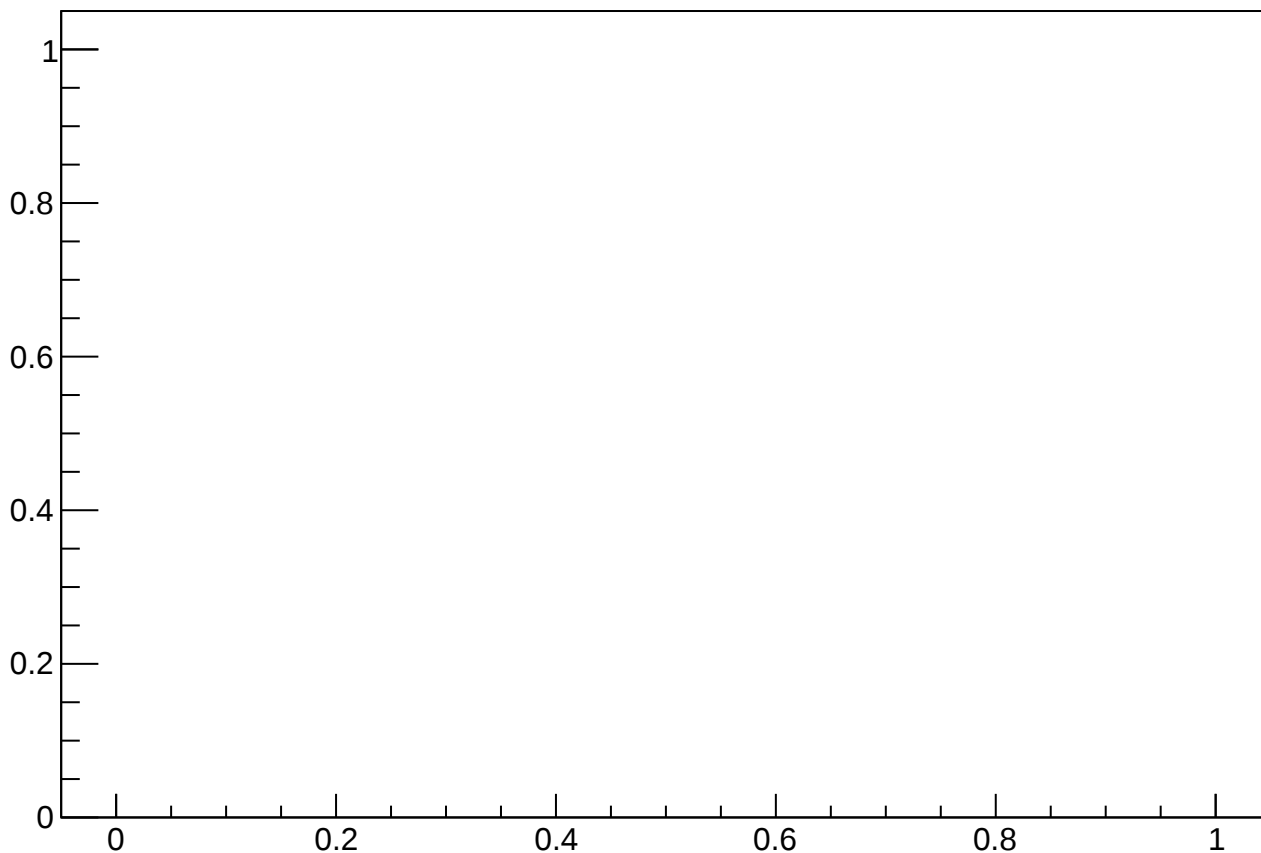
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1510.201+/-0.540 χ^2/NDF : 475095.9/11

1514.702+/-0.363 χ^2/NDF : 1015552.6/26

1518.428+/-0.491 χ^2/NDF : 540329.5/14

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

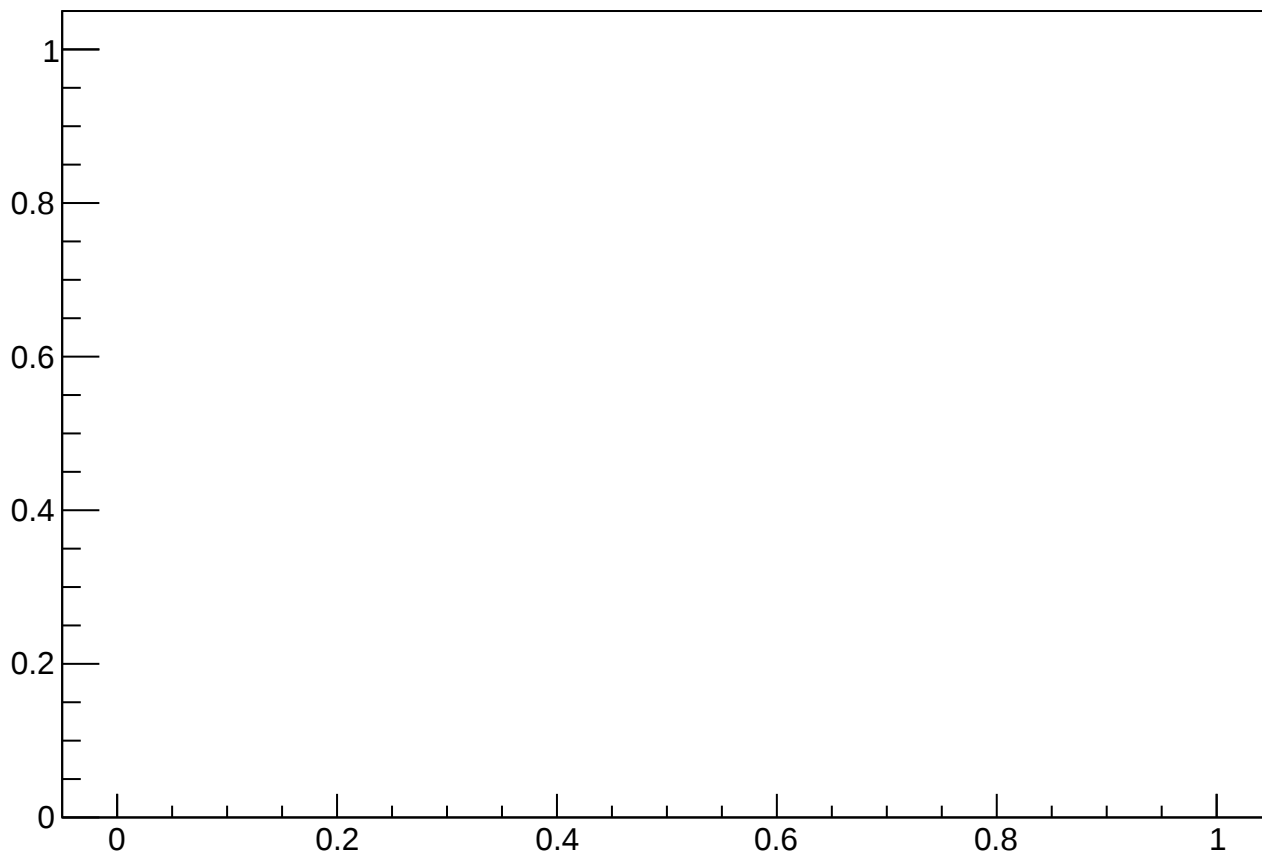
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

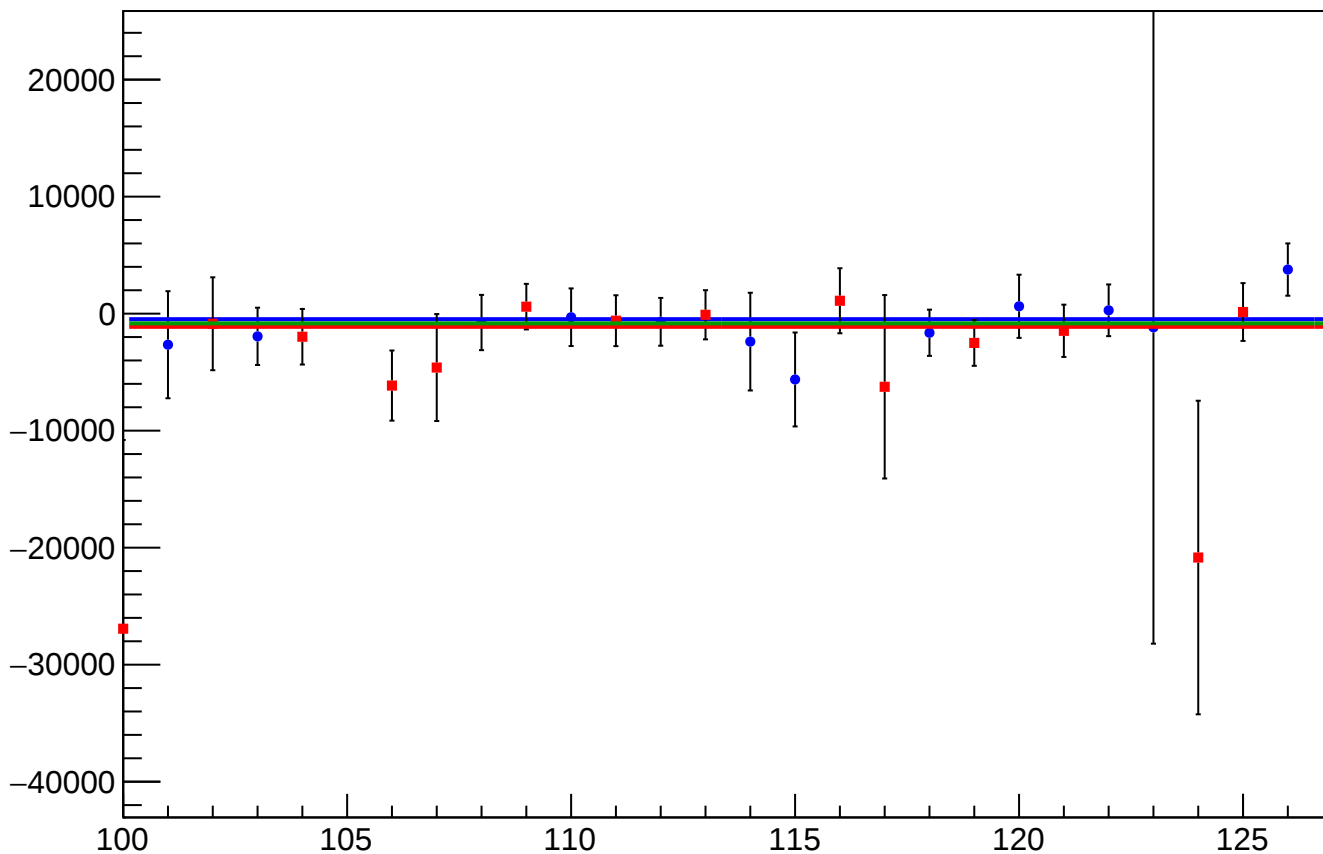
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -472.682 ± 763.014 χ^2/NDF : 6.7/11

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

Right Out: -1125.277 ± 694.132 χ^2/NDF : 11.6/14

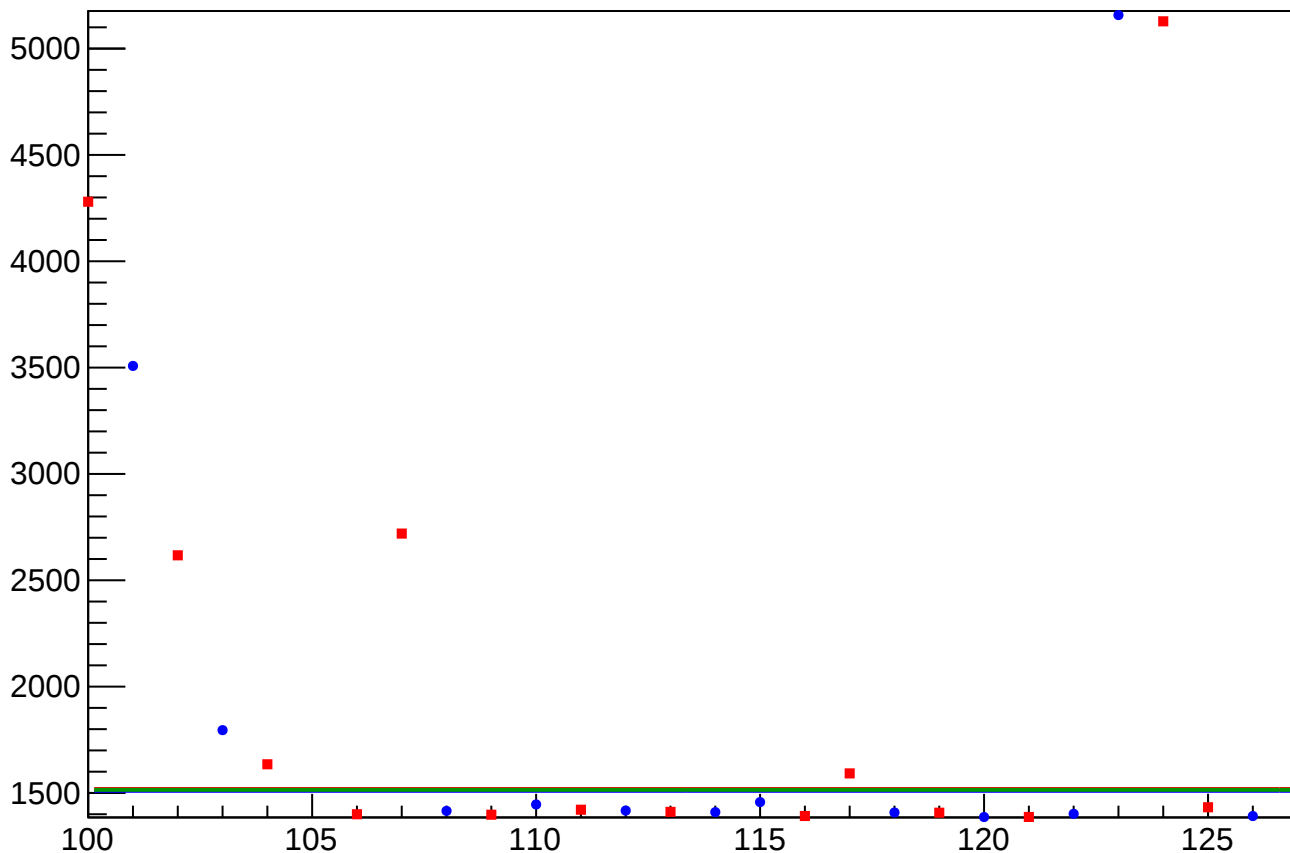
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-472.682 ± 763.014 χ^2/NDF : 6.7/11

-829.760 ± 513.454 χ^2/NDF : 18.7/26

-1125.277 ± 694.132 χ^2/NDF : 11.6/14

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1510.201+/-0.540 χ^2/NDF : 475095.9/11

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

Right Out: 1518.428+/-0.491 χ^2/NDF : 540329.5/14

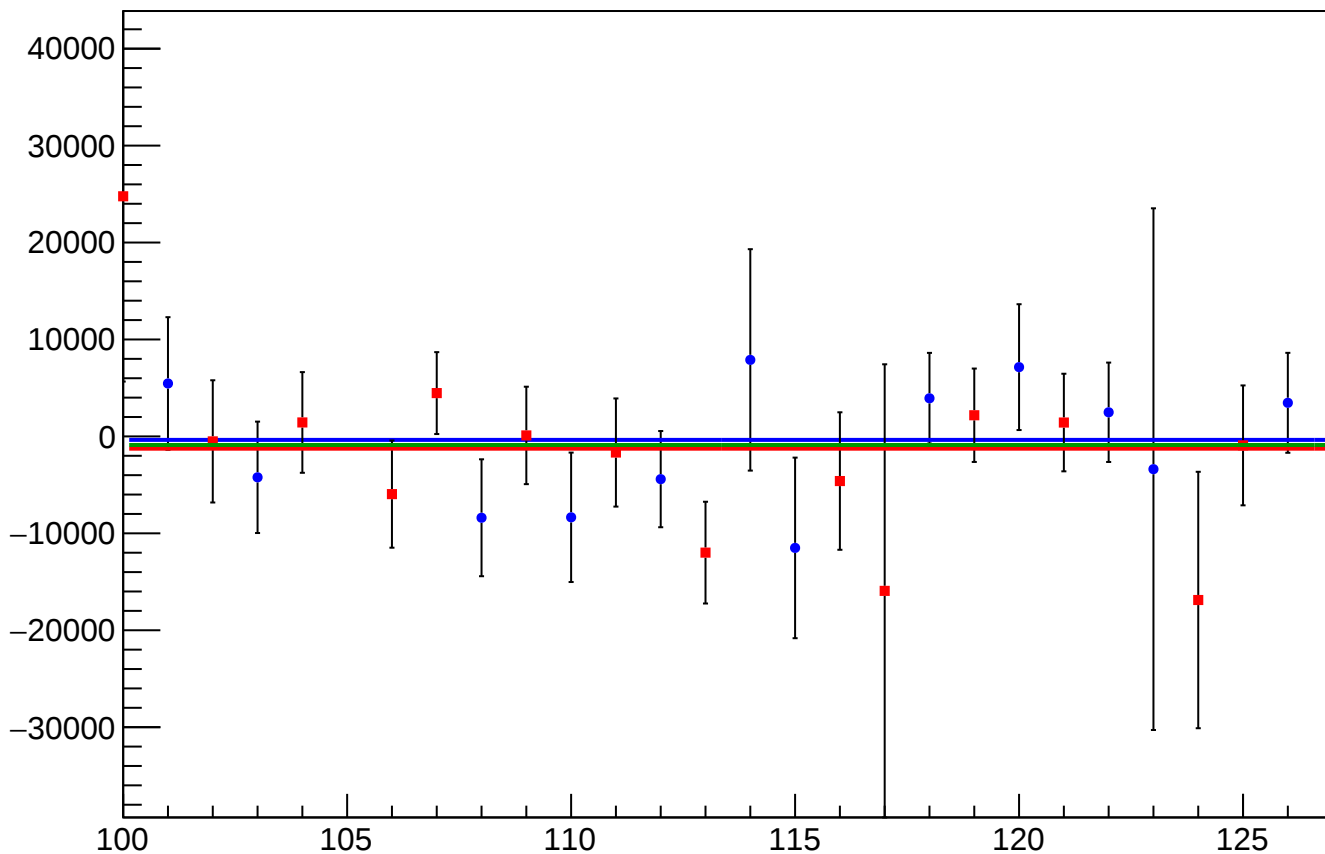
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1510.201+/-0.540 χ^2/NDF : 475095.9/11

1514.702+/-0.363 χ^2/NDF : 1015552.6/26

1518.428+/-0.491 χ^2/NDF : 540329.5/14

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -359.734+/-1802.504 χ^2/NDF : 10.1/11

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

Right Out: -1266.794+/-1531.093 χ^2/NDF : 12.1/14

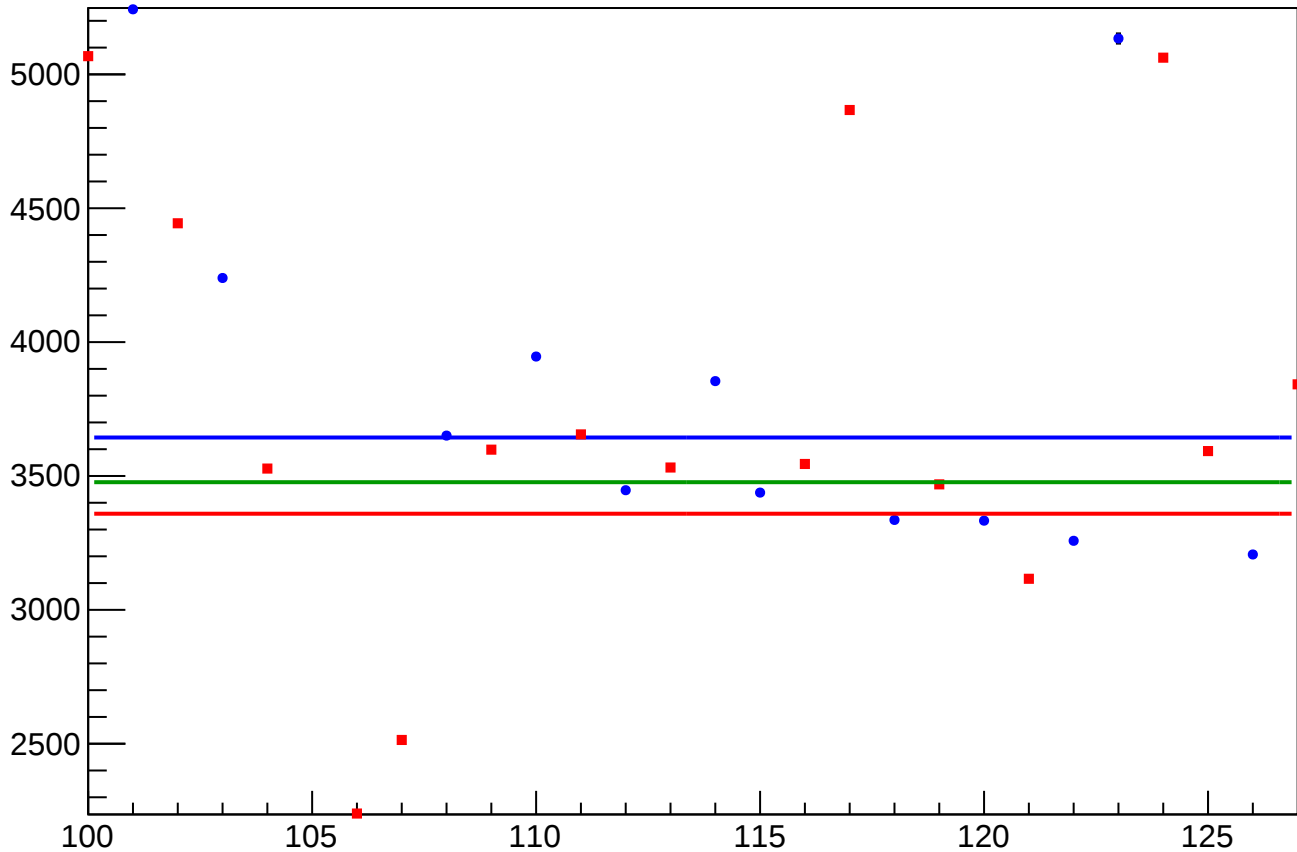
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-359.734+/-1802.504 χ^2/NDF : 10.1/11

-886.628+/-1166.931 χ^2/NDF : 22.3/26

-1266.794+/-1531.093 χ^2/NDF : 12.1/14

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3643.734+/-1.275 χ^2/NDF : 184842.2/11

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

Right Out: 3359.064+/-1.071 χ^2/NDF : 340818.0/14

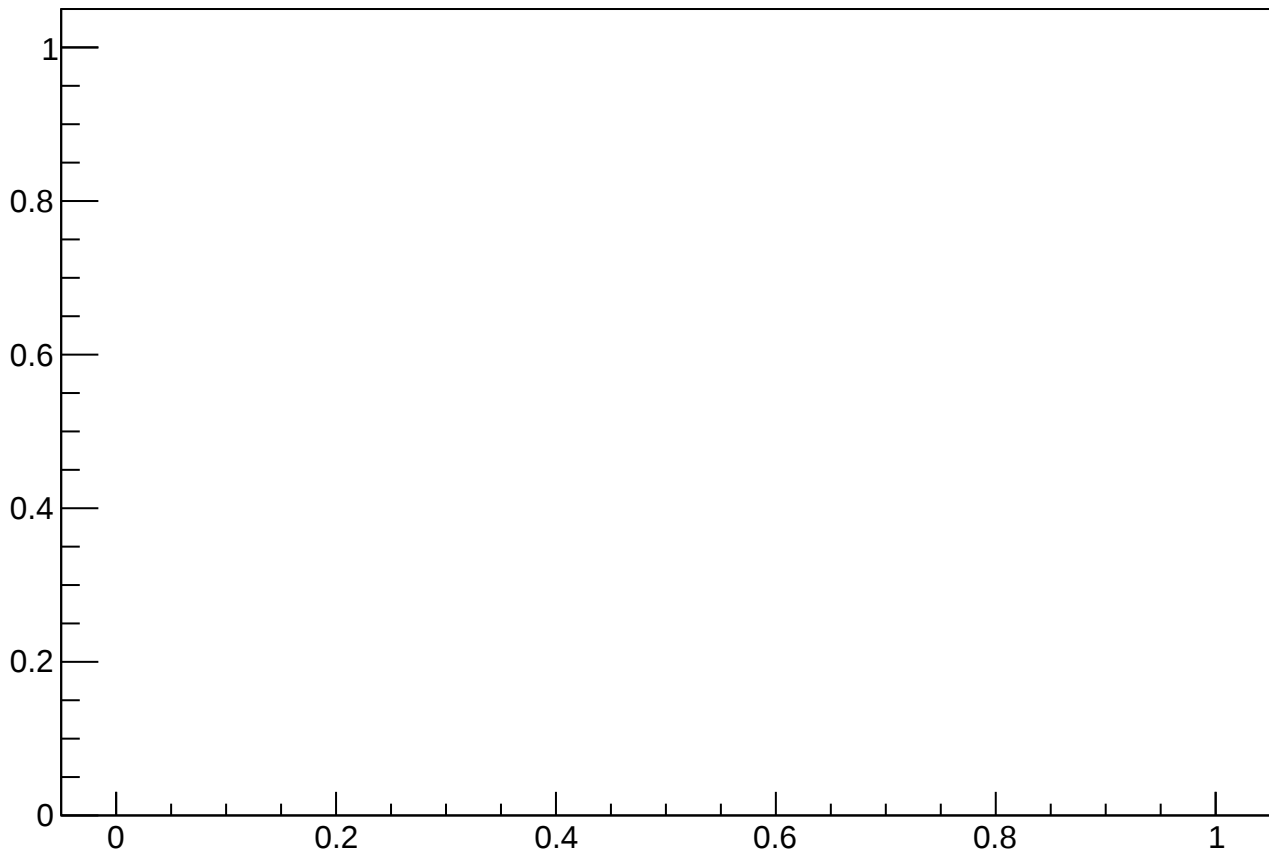
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3643.734+/-1.275 χ^2/NDF : 184842.2/11

3476.826+/-0.820 χ^2/NDF : 554910.5/26

3359.064+/-1.071 χ^2/NDF : 340818.0/14

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

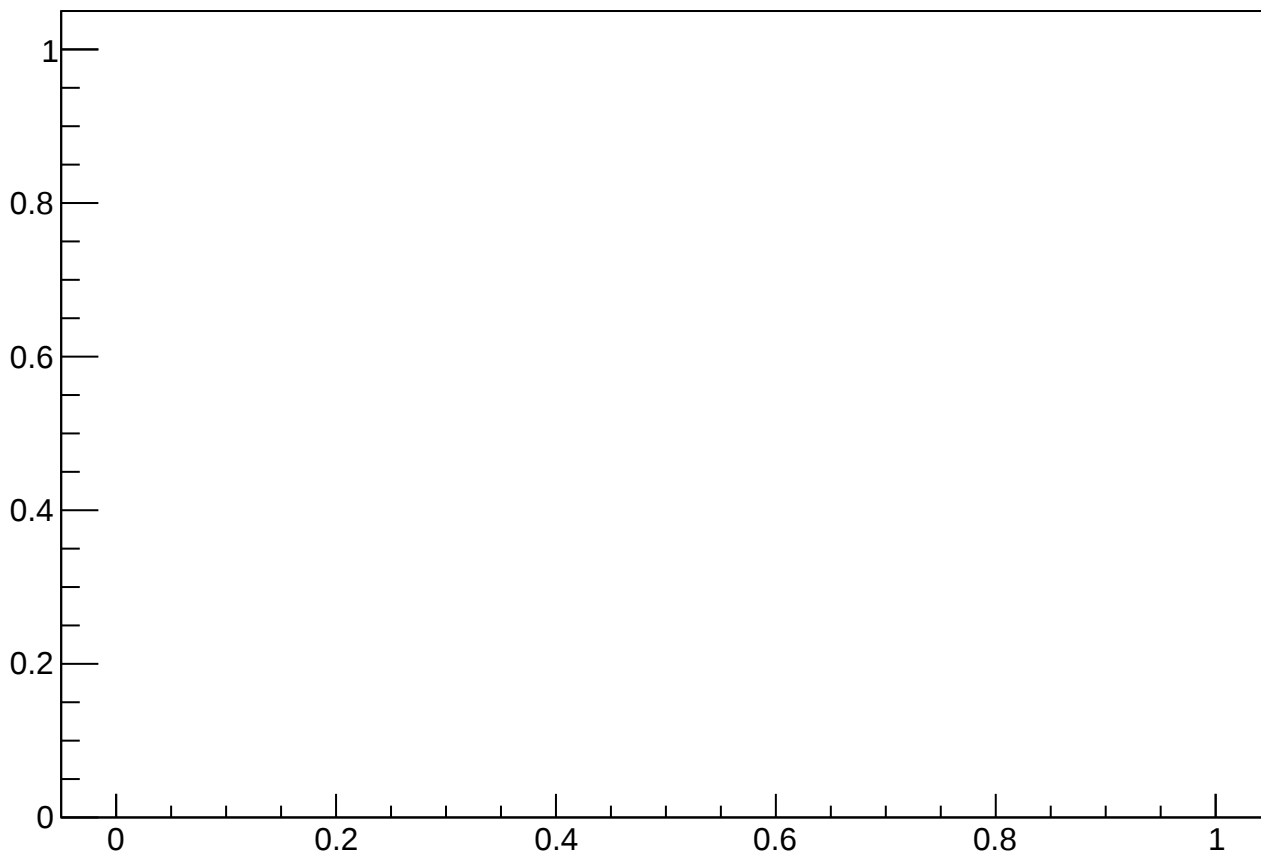
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

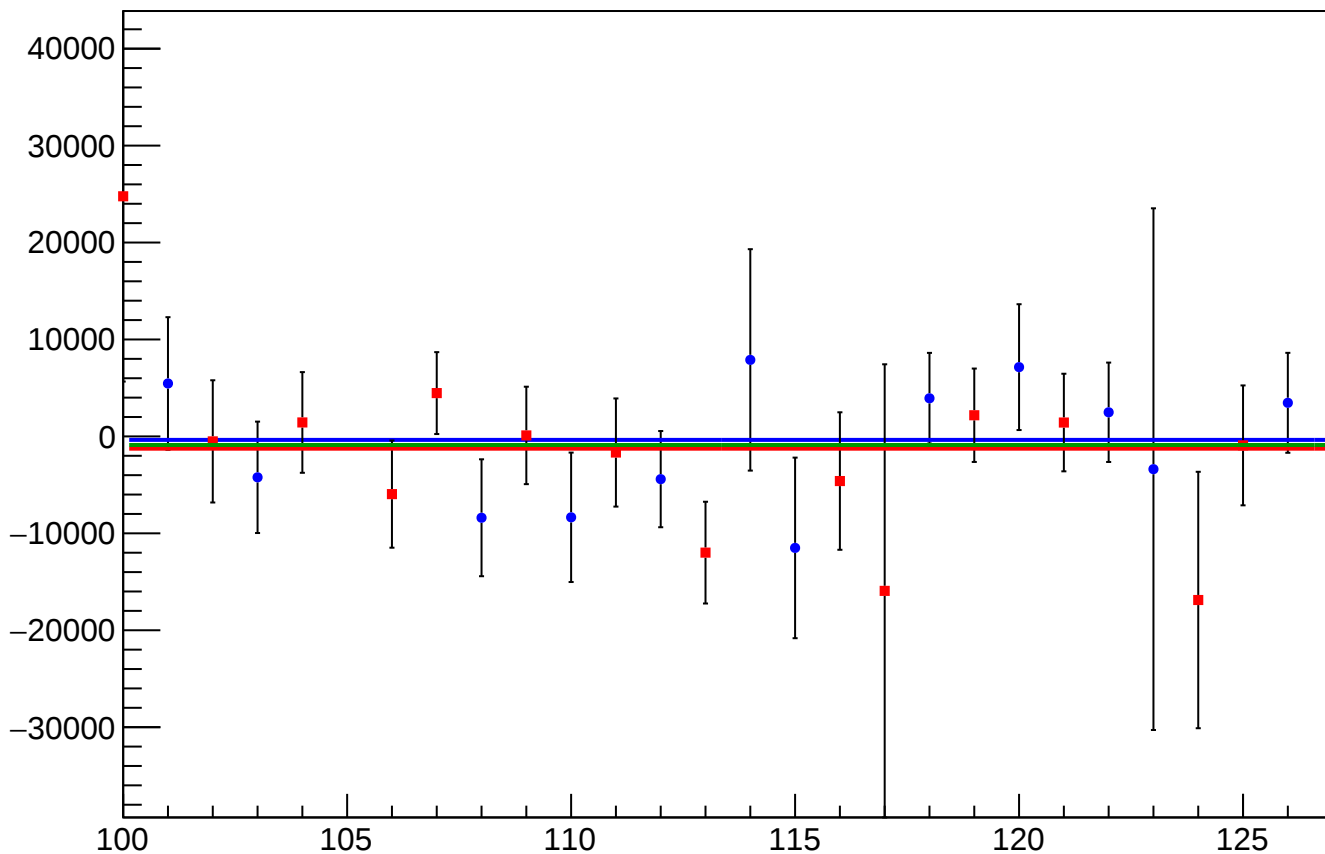
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -359.734+/-1802.504 χ^2/NDF : 10.1/11

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

Right Out: -1266.794+/-1531.093 χ^2/NDF : 12.1/14

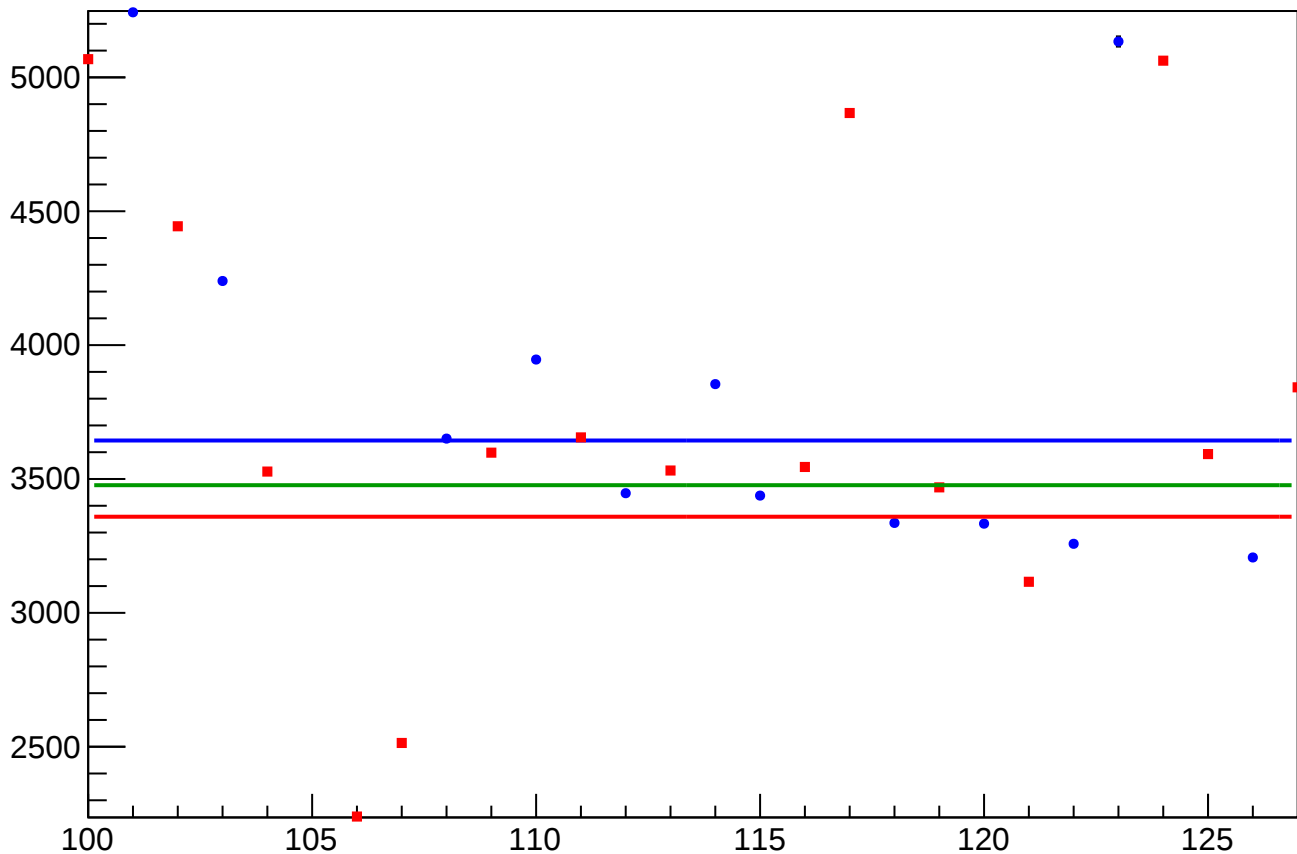
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-359.734+/-1802.504 χ^2/NDF : 10.1/11

-886.628+/-1166.931 χ^2/NDF : 22.3/26

-1266.794+/-1531.093 χ^2/NDF : 12.1/14

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3643.734+/-1.275 χ^2/NDF : 184842.2/11

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

Right Out: 3359.064+/-1.071 χ^2/NDF : 340818.0/14

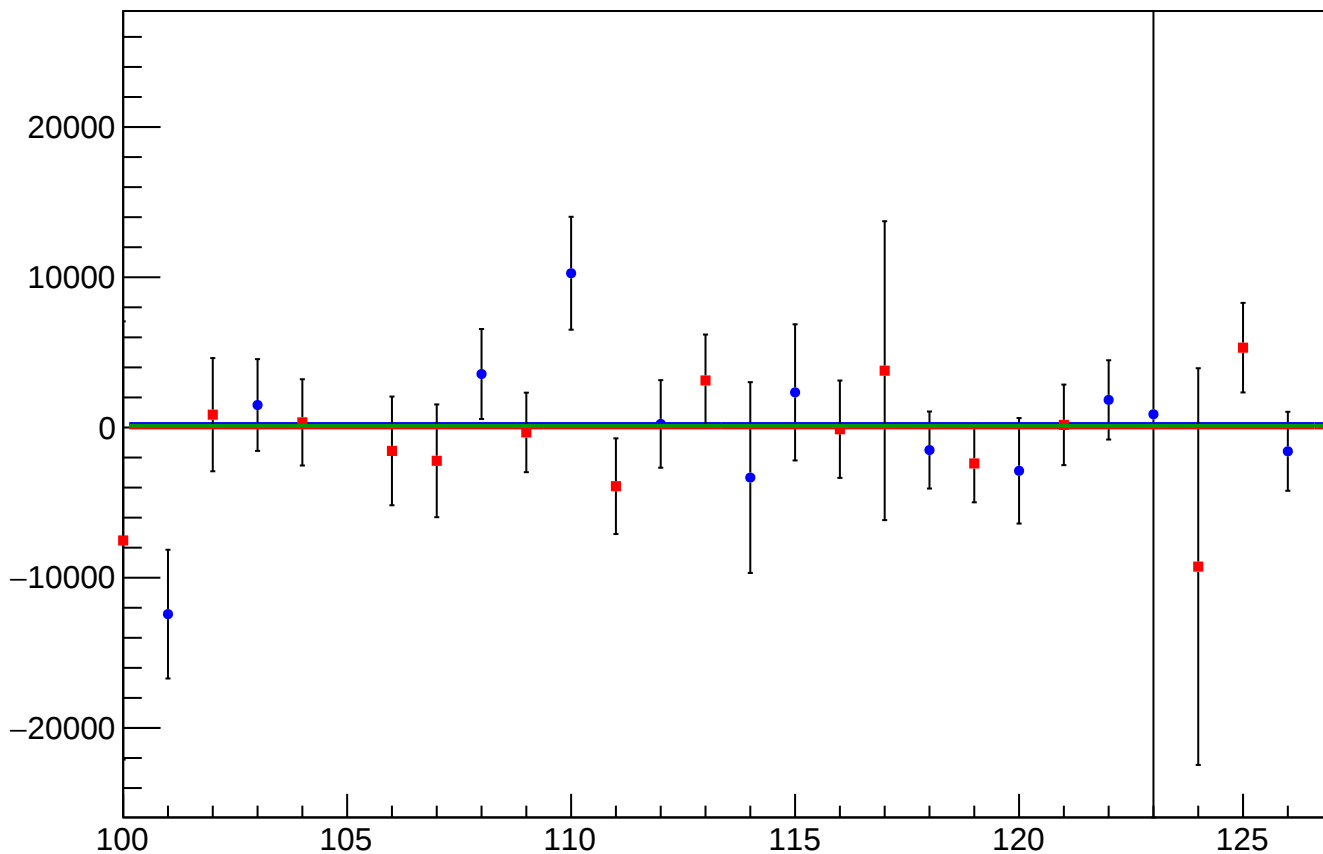
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3643.734+/-1.275 χ^2/NDF : 184842.2/11

3476.826+/-0.820 χ^2/NDF : 554910.5/26

3359.064+/-1.071 χ^2/NDF : 340818.0/14

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 227.544+/-972.135 χ^2/NDF : 19.9/11

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

Right Out: 8.045+/-868.636 χ^2/NDF : 8.2/14

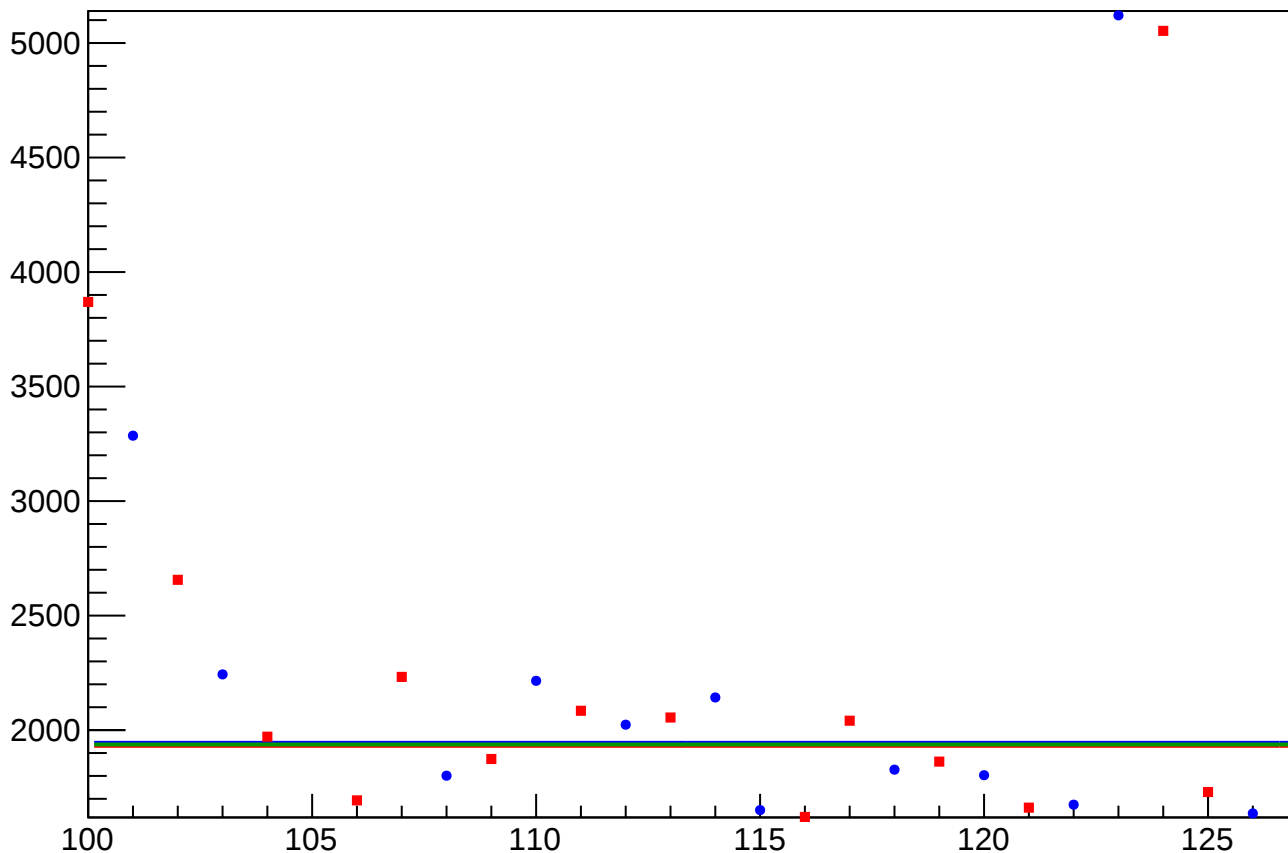
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

227.544+/-972.135 χ^2/NDF : 19.9/11

105.492+/-647.730 χ^2/NDF : 28.1/26

8.045+/-868.636 χ^2/NDF : 8.2/14

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1944.396+/-0.687 χ^2/NDF : 325660.6/11

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

Right Out: 1931.436+/-0.614 χ^2/NDF : 302175.0/14

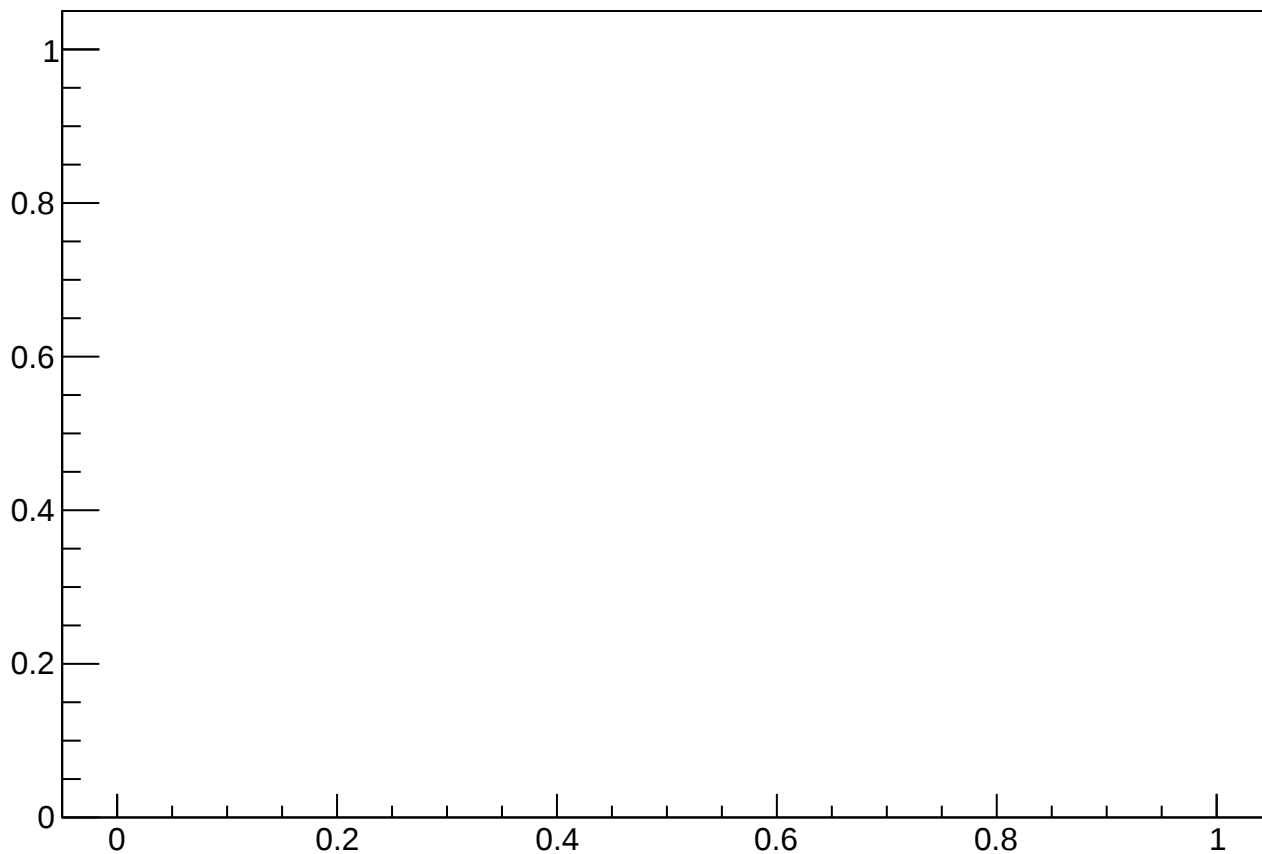
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1944.396+/-0.687 χ^2/NDF : 325660.6/11

1937.190+/-0.458 χ^2/NDF : 628033.4/26

1931.436+/-0.614 χ^2/NDF : 302175.0/14

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

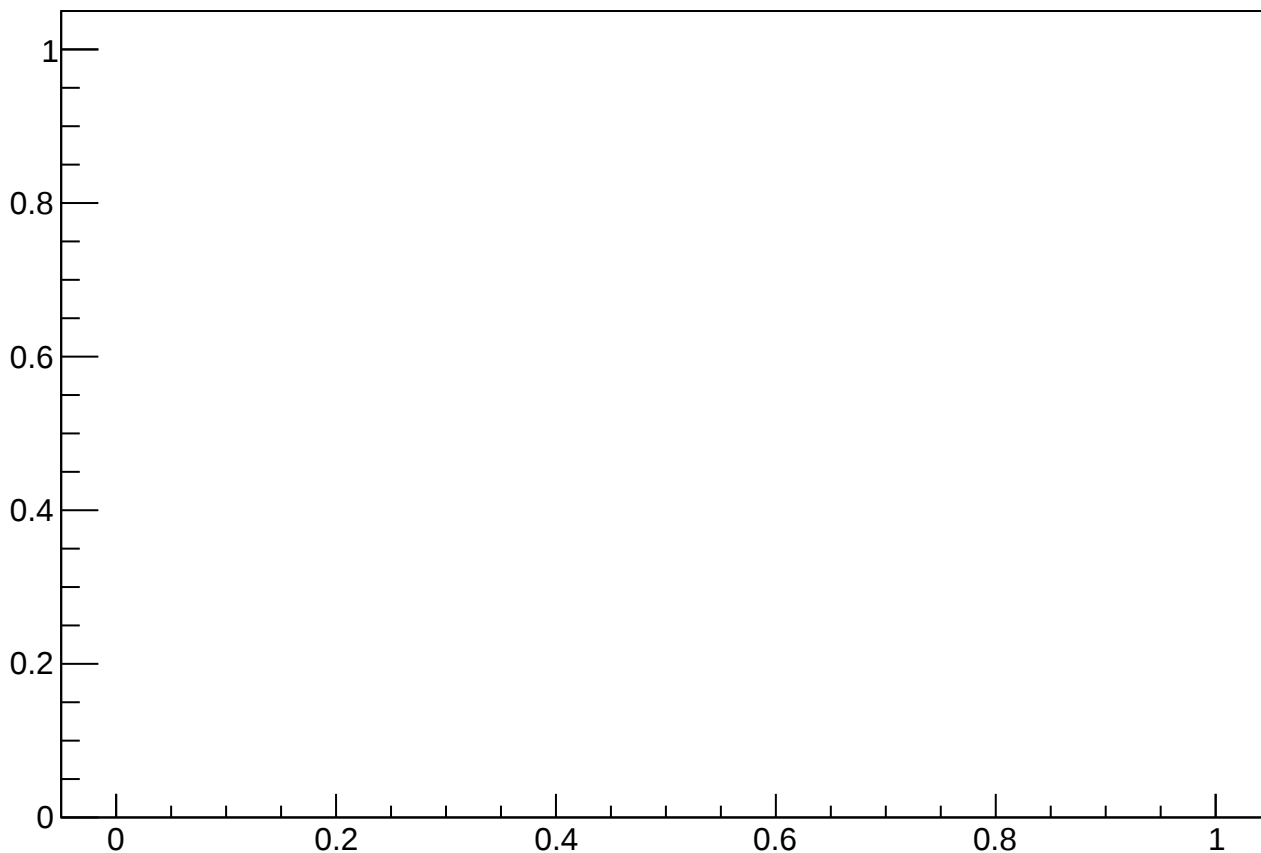
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

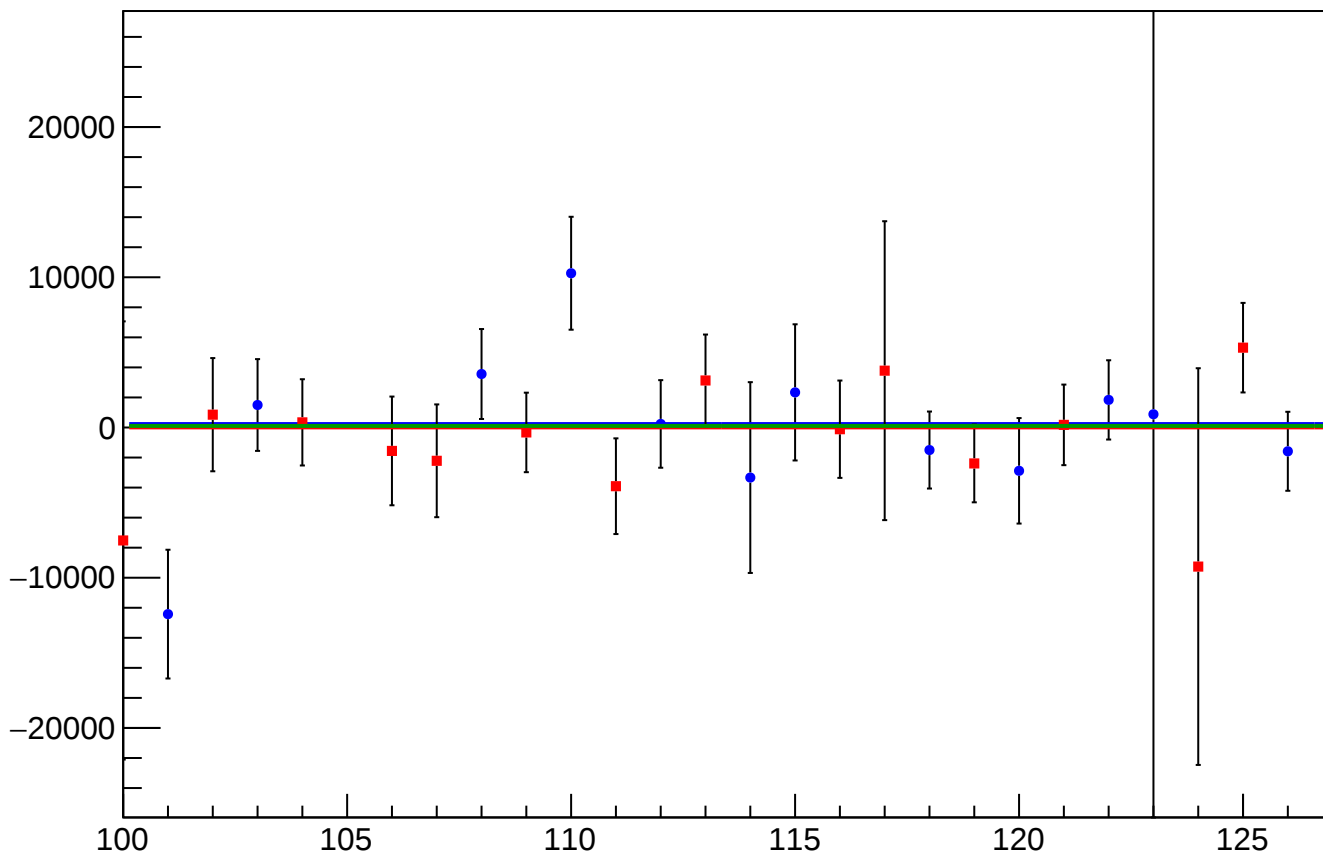
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 227.544+/-972.135 χ^2/NDF : 19.9/11

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

Right Out: 8.045+/-868.636 χ^2/NDF : 8.2/14

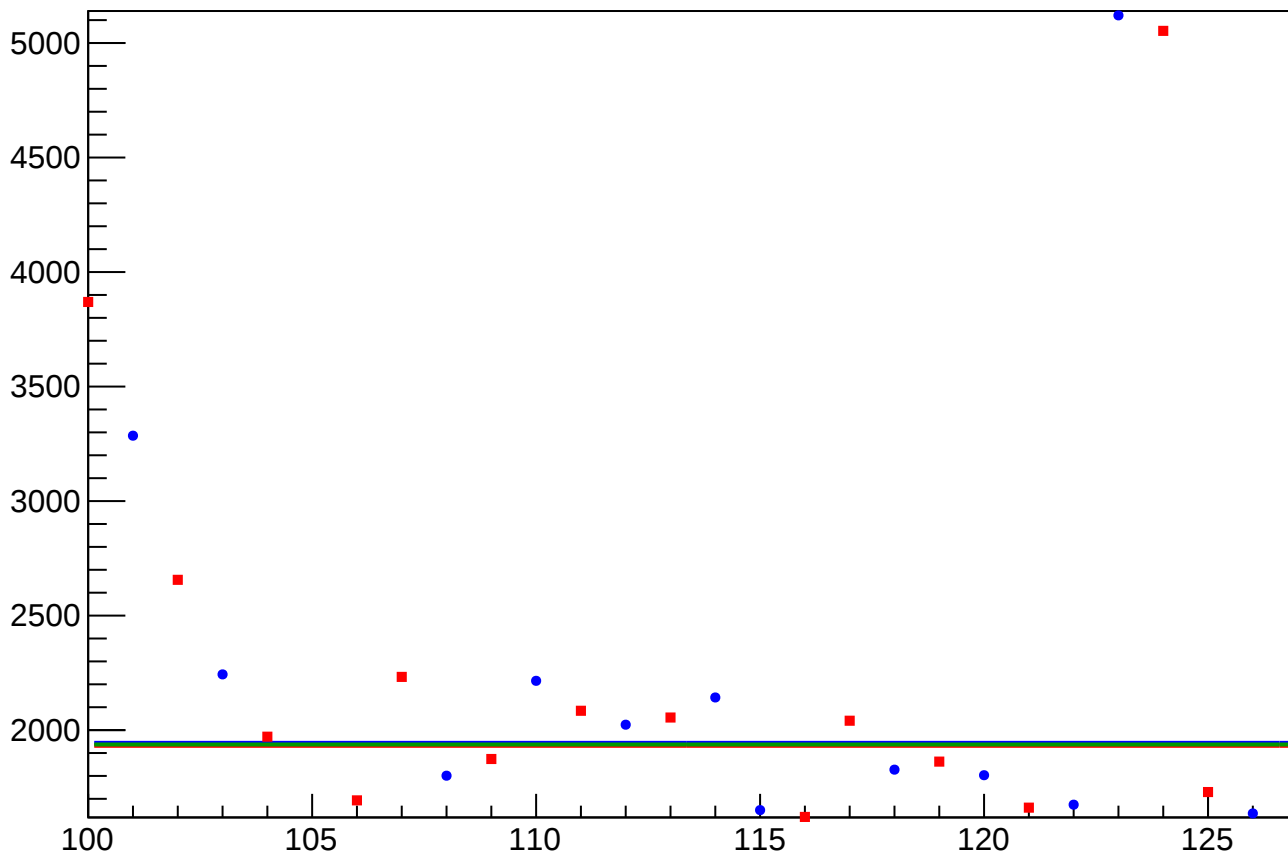
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

227.544+/-972.135 χ^2/NDF : 19.9/11

105.492+/-647.730 χ^2/NDF : 28.1/26

8.045+/-868.636 χ^2/NDF : 8.2/14

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1944.396+/-0.687 χ^2/NDF : 325660.6/11

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

Right Out: 1931.436+/-0.614 χ^2/NDF : 302175.0/14

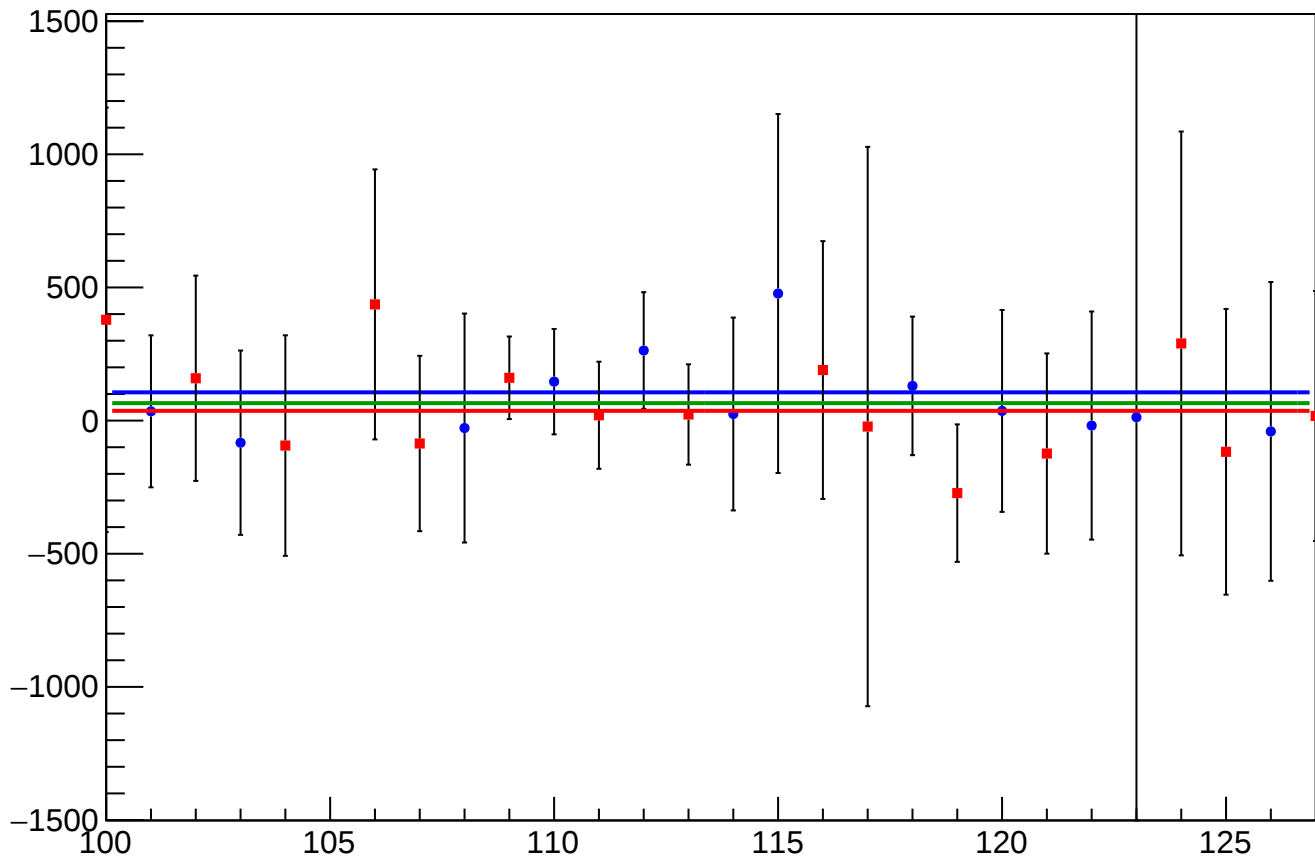
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1944.396+/-0.687 χ^2/NDF : 325660.6/11

1937.190+/-0.458 χ^2/NDF : 628033.4/26

1931.436+/-0.614 χ^2/NDF : 302175.0/14

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.132 $\pm$ 94.051 χ^2 /NDF: 1.6/11

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

Right Out: 36.658 $\pm$ 79.407 χ^2 /NDF: 3.7/14

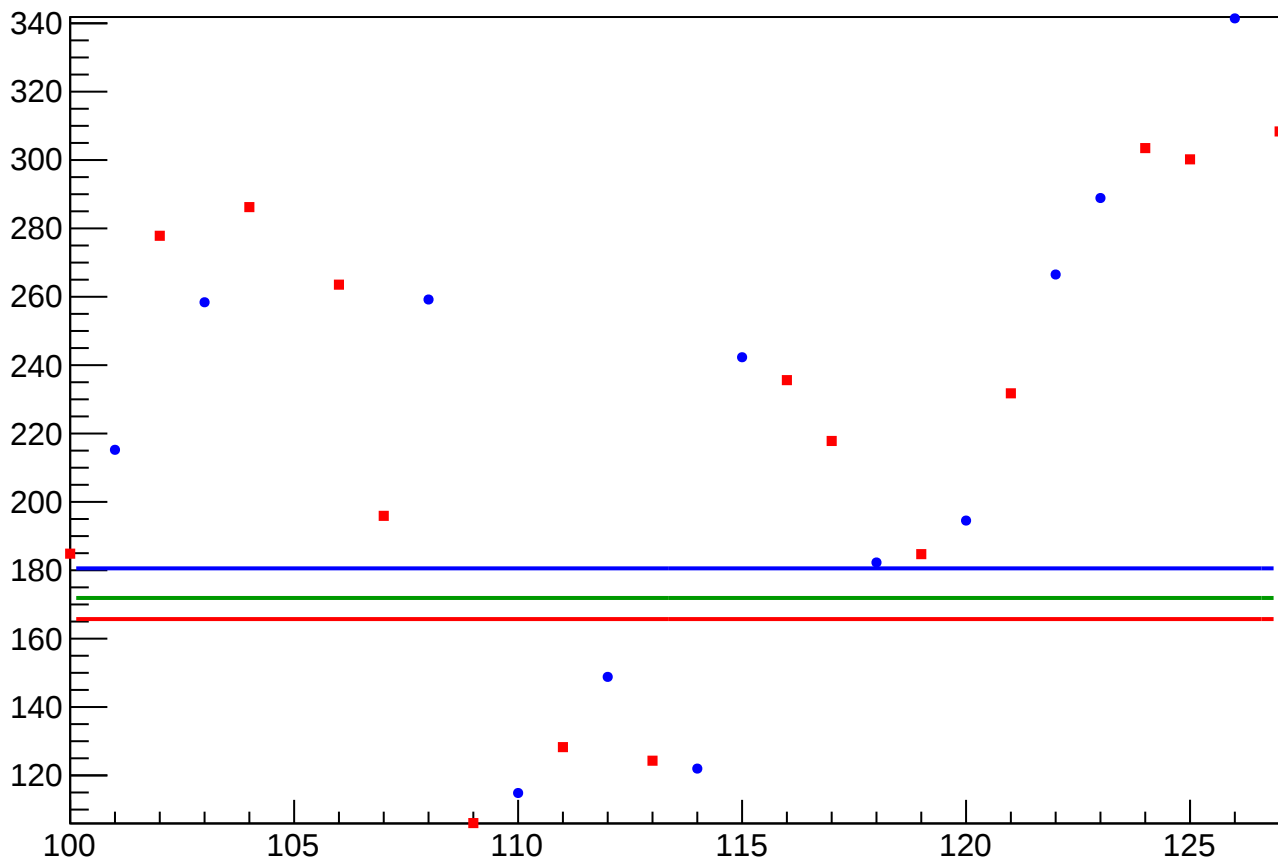
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.132 $\pm$ 94.051 χ^2 /NDF: 1.6/11

65.571 $\pm$ 60.674 χ^2 /NDF: 5.6/26

36.658 $\pm$ 79.407 χ^2 /NDF: 3.7/14

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.560 $\pm$ 0.067 χ^2 /NDF: 787415.6/11

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

Right Out: 165.726 $\pm$ 0.056 χ^2 /NDF: 1382678.6/14

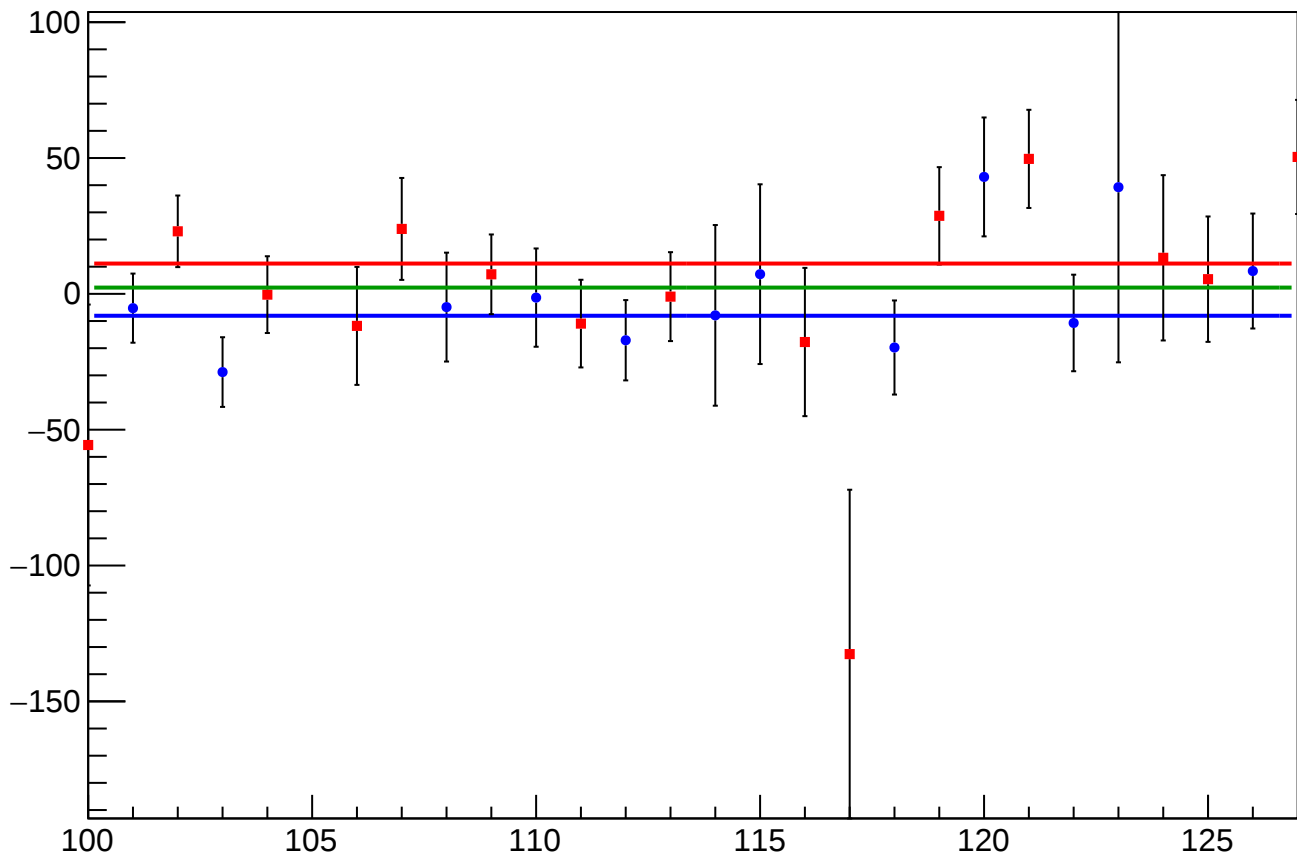
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

180.560 $\pm$ 0.067 χ^2 /NDF: 787415.6/11

171.899 $\pm$ 0.043 χ^2 /NDF: 2199140.0/26

165.726 $\pm$ 0.056 χ^2 /NDF: 1382678.6/14

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.061+/-5.325 χ^2/NDF : 10.5/11

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

Right Out: 11.154+/-4.918 χ^2/NDF : 23.1/14

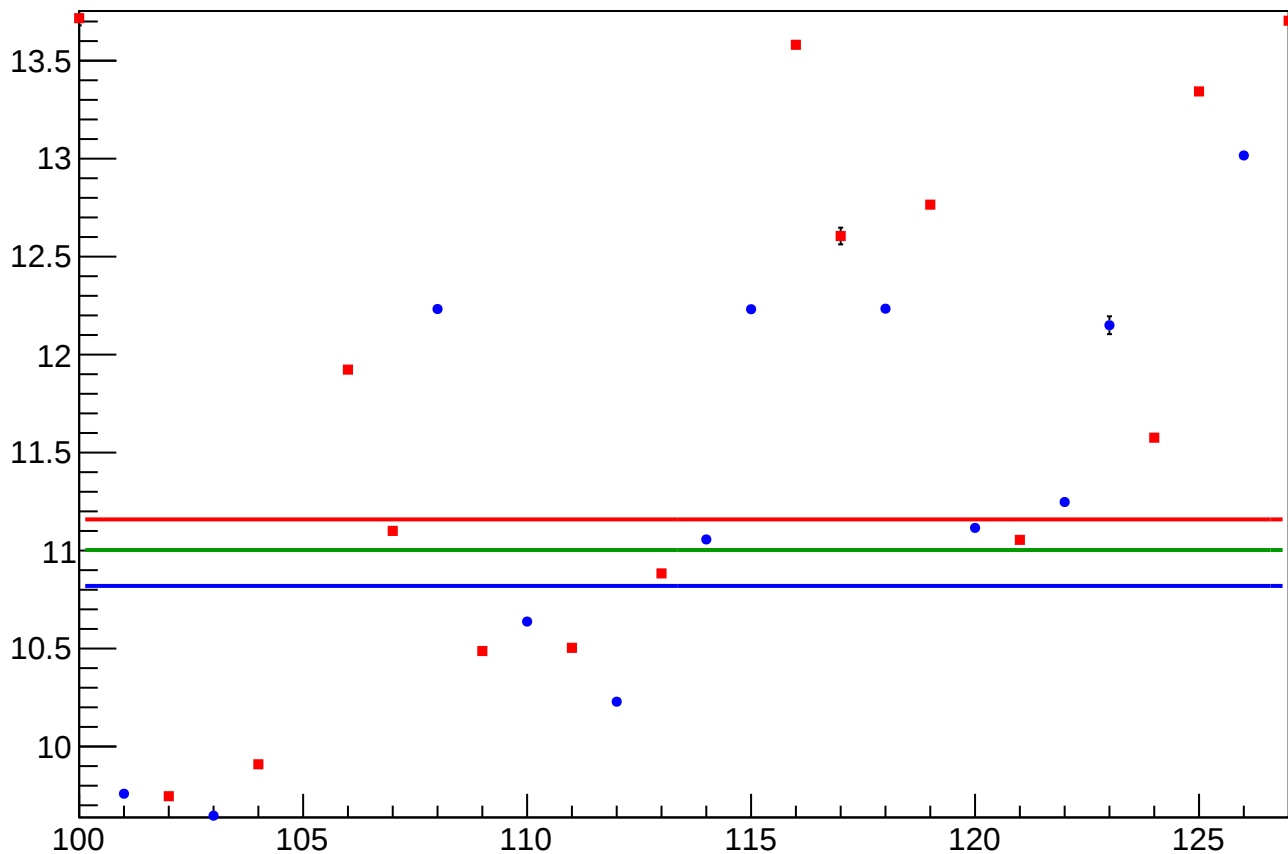
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.061+/-5.325 χ^2/NDF : 10.5/11

2.310+/-3.613 χ^2/NDF : 40.6/26

11.154+/-4.918 χ^2/NDF : 23.1/14

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.820+/-0.004 χ^2/NDF : 84994.4/11

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

Right Out: 11.159+/-0.003 χ^2/NDF : 134794.1/14

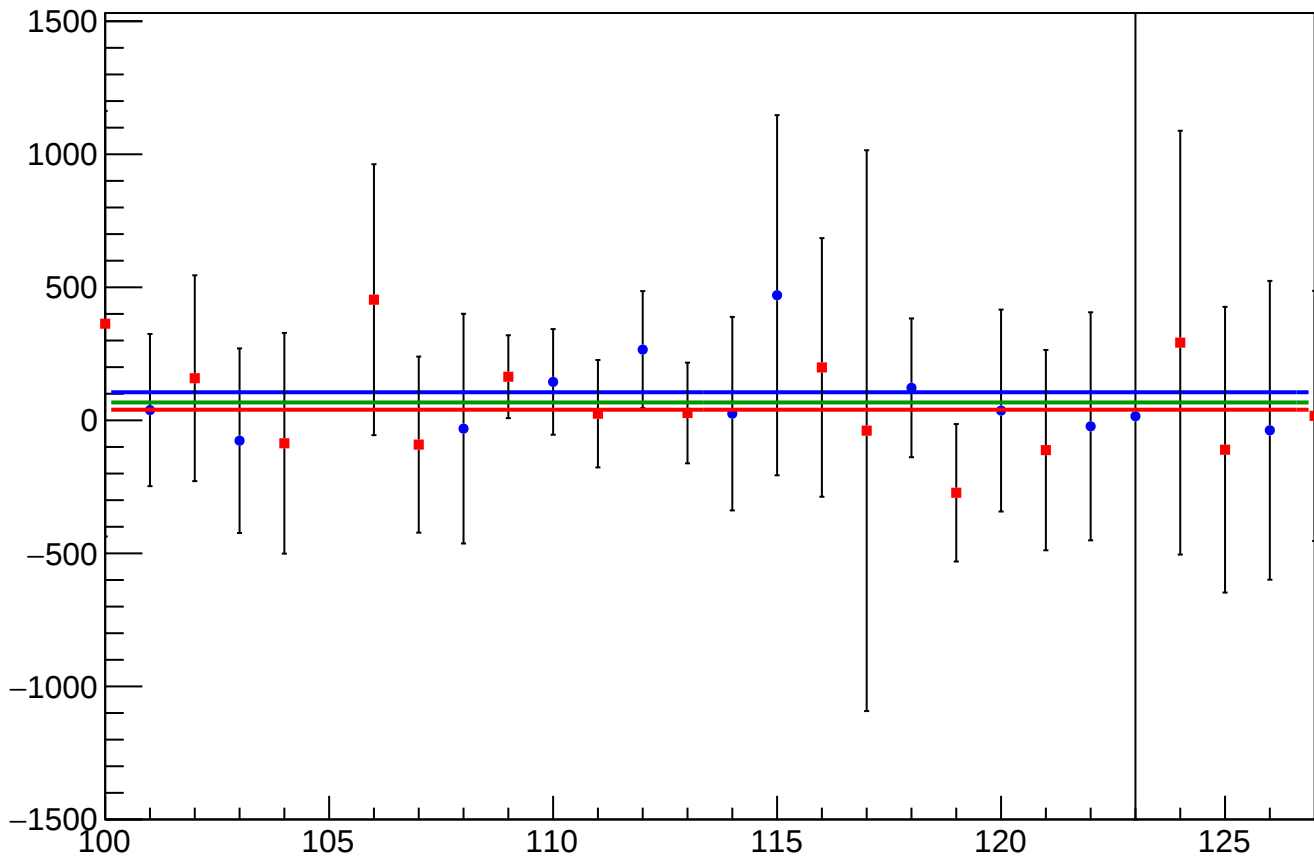
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.820+/-0.004 χ^2/NDF : 84994.4/11

11.003+/-0.003 χ^2/NDF : 224174.5/26

11.159+/-0.003 χ^2/NDF : 134794.1/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 105.587 $\pm$ 94.322 χ^2 /NDF: 1.5/11

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

Right Out: 39.904 $\pm$ 79.678 χ^2 /NDF: 3.7/14

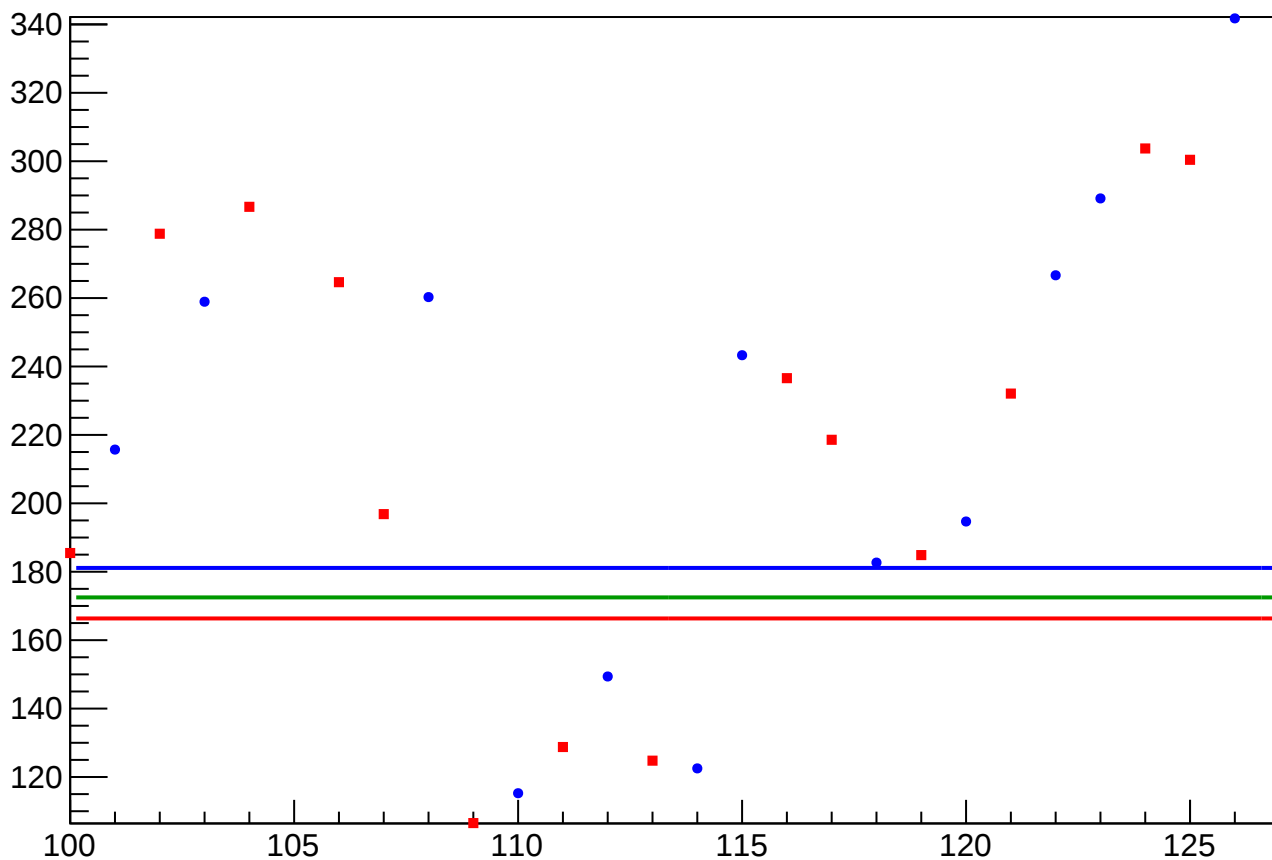
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.587 $\pm$ 94.322 χ^2 /NDF: 1.5/11

67.256 $\pm$ 60.867 χ^2 /NDF: 5.5/26

39.904 $\pm$ 79.678 χ^2 /NDF: 3.7/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.118+/-0.067 χ^2/NDF : 783884.9/11

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

Right Out: 166.348+/-0.056 χ^2/NDF : 1376662.1/14

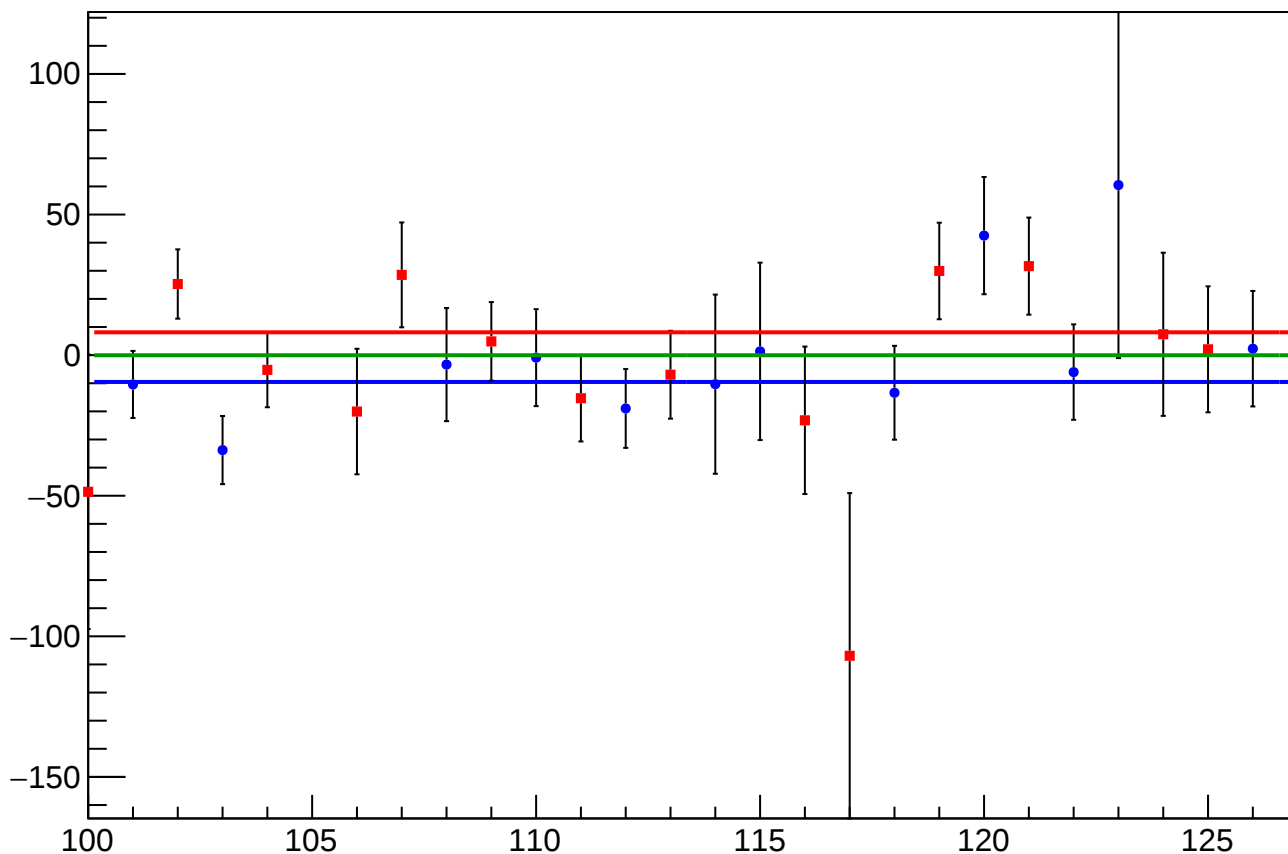
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.118+/-0.067 χ^2/NDF : 783884.9/11

172.498+/-0.043 χ^2/NDF : 2189164.8/26

166.348+/-0.056 χ^2/NDF : 1376662.1/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.536+/-5.080 χ^2/NDF : 12.9/11

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

Right Out: 8.122+/-4.711 χ^2/NDF : 23.6/14

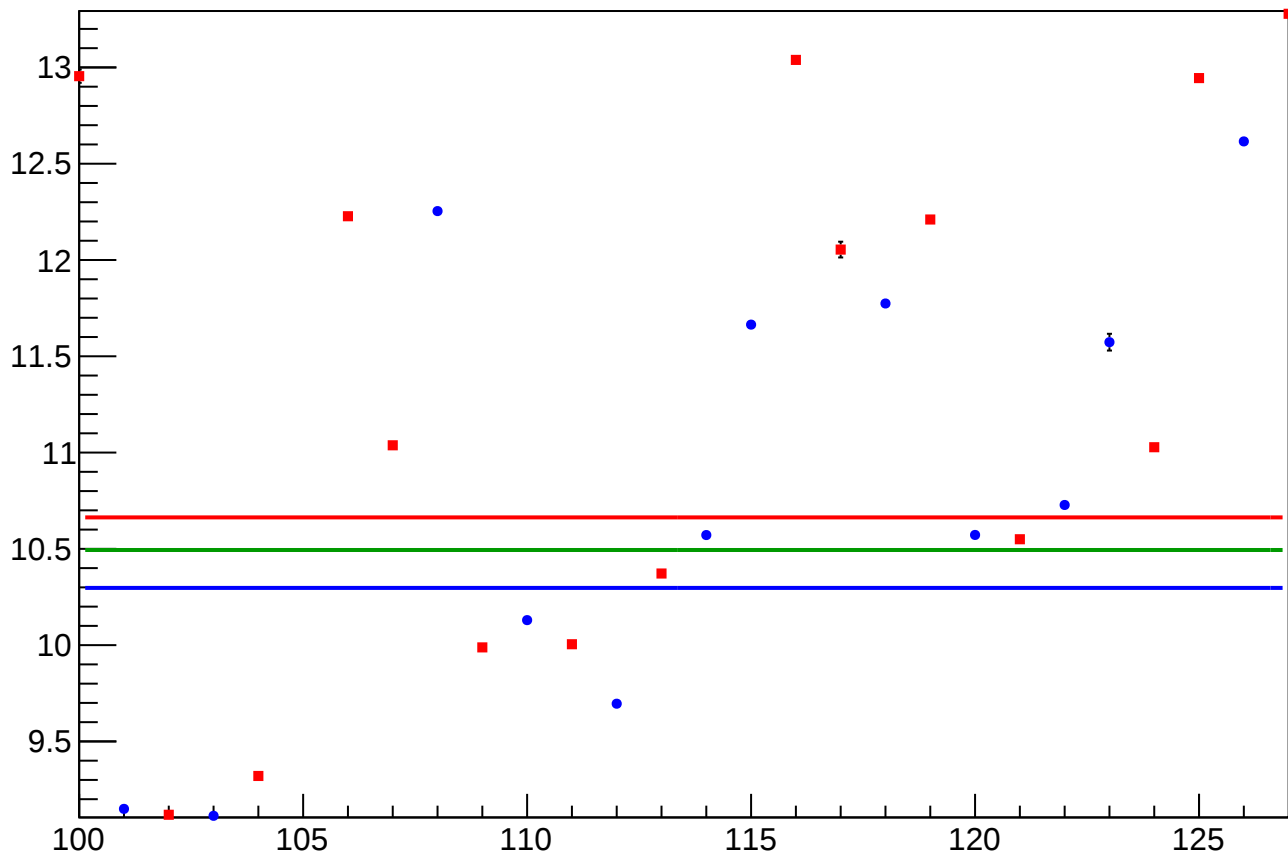
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.536+/-5.080 χ^2/NDF : 12.9/11

-0.042+/-3.454 χ^2/NDF : 43.0/26

8.122+/-4.711 χ^2/NDF : 23.6/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.297 $\pm$ 0.004 χ^2 /NDF: 107939.0/11

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

Right Out: 10.663 $\pm$ 0.003 χ^2 /NDF: 163742.4/14

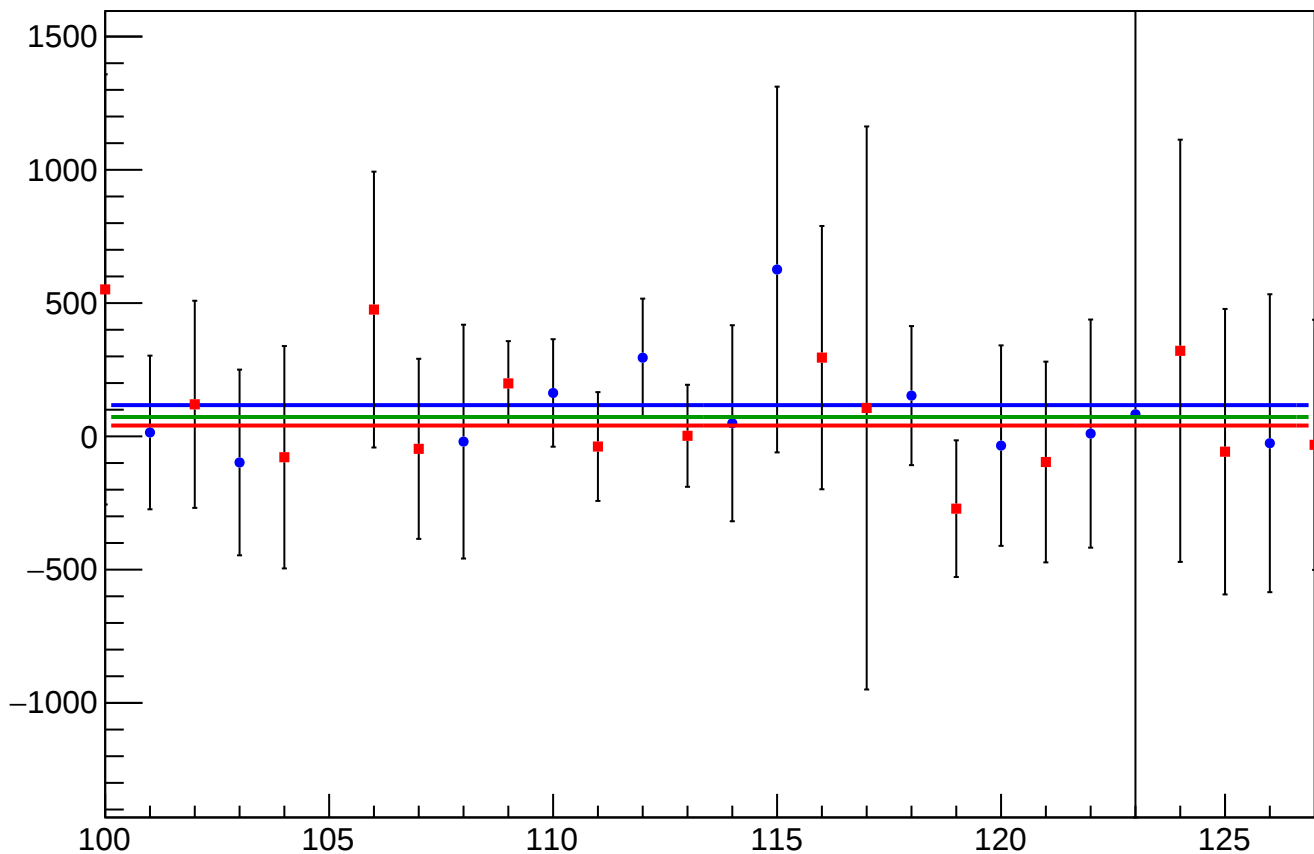
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.297 $\pm$ 0.004 χ^2 /NDF: 107939.0/11

10.494 $\pm$ 0.002 χ^2 /NDF: 277268.2/26

10.663 $\pm$ 0.003 χ^2 /NDF: 163742.4/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.188 $\pm$ 94.996 χ^2 /NDF: 2.2/11

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

Right Out: 40.630 $\pm$ 80.496 χ^2 /NDF: 4.5/14

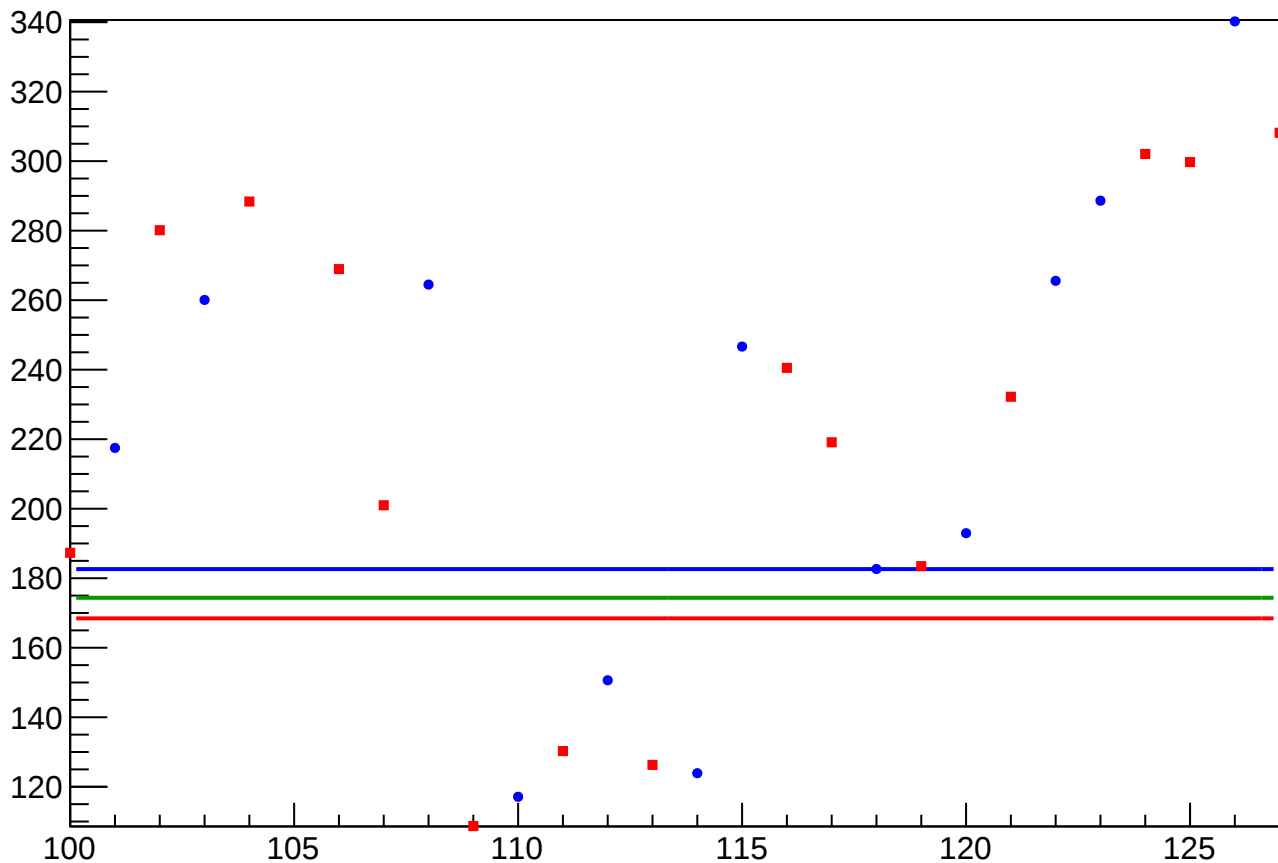
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.188 $\pm$ 94.996 χ^2 /NDF: 2.2/11

72.626 $\pm$ 61.413 χ^2 /NDF: 7.1/26

40.630 $\pm$ 80.496 χ^2 /NDF: 4.5/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.628 ± 0.067 $\chi^2/\text{NDF}: 764338.1/11$

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

Right Out: 168.451 ± 0.057 $\chi^2/\text{NDF}: 1342261.0/14$

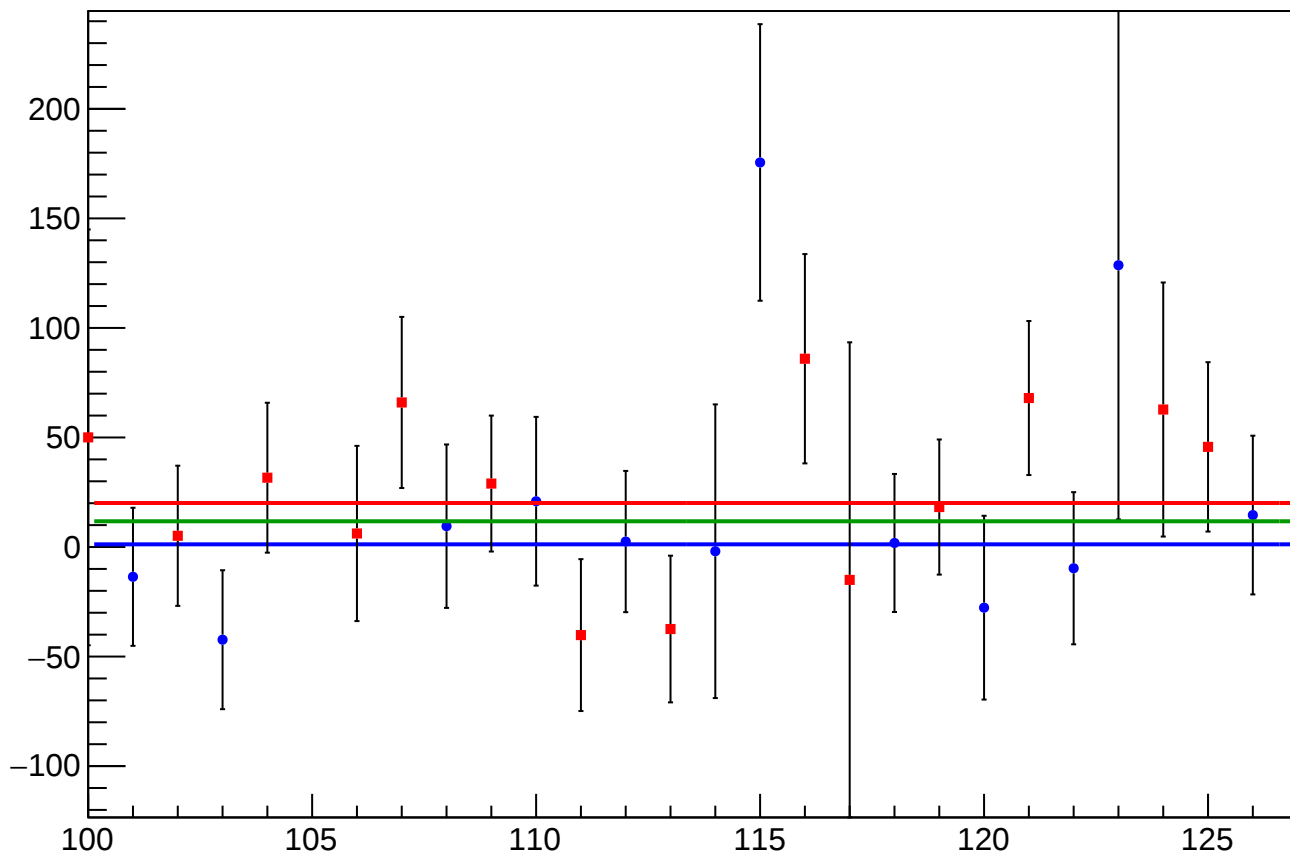
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

182.628 ± 0.067 $\chi^2/\text{NDF}: 764338.1/11$

174.376 ± 0.043 $\chi^2/\text{NDF}: 2132525.3/26$

168.451 ± 0.057 $\chi^2/\text{NDF}: 1342261.0/14$

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.229+/-11.130 χ^2/NDF : 12.0/11

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

Right Out: 20.099+/-9.917 χ^2/NDF : 13.3/14

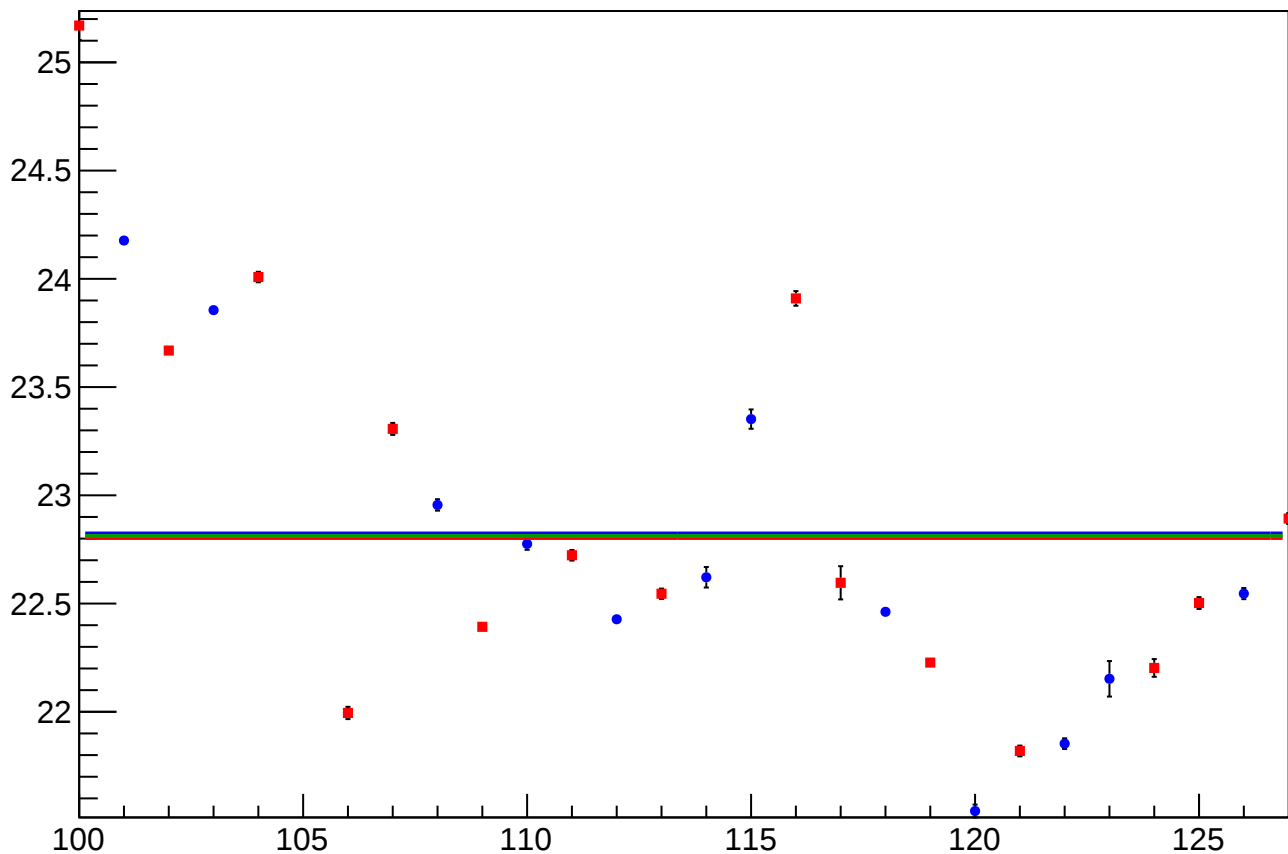
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.229+/-11.130 χ^2/NDF : 12.0/11

11.748+/-7.404 χ^2/NDF : 26.9/26

20.099+/-9.917 χ^2/NDF : 13.3/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.823+/-0.008 χ^2/NDF : 10176.5/11

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

Right Out: 22.803+/-0.007 χ^2/NDF : 10513.1/14

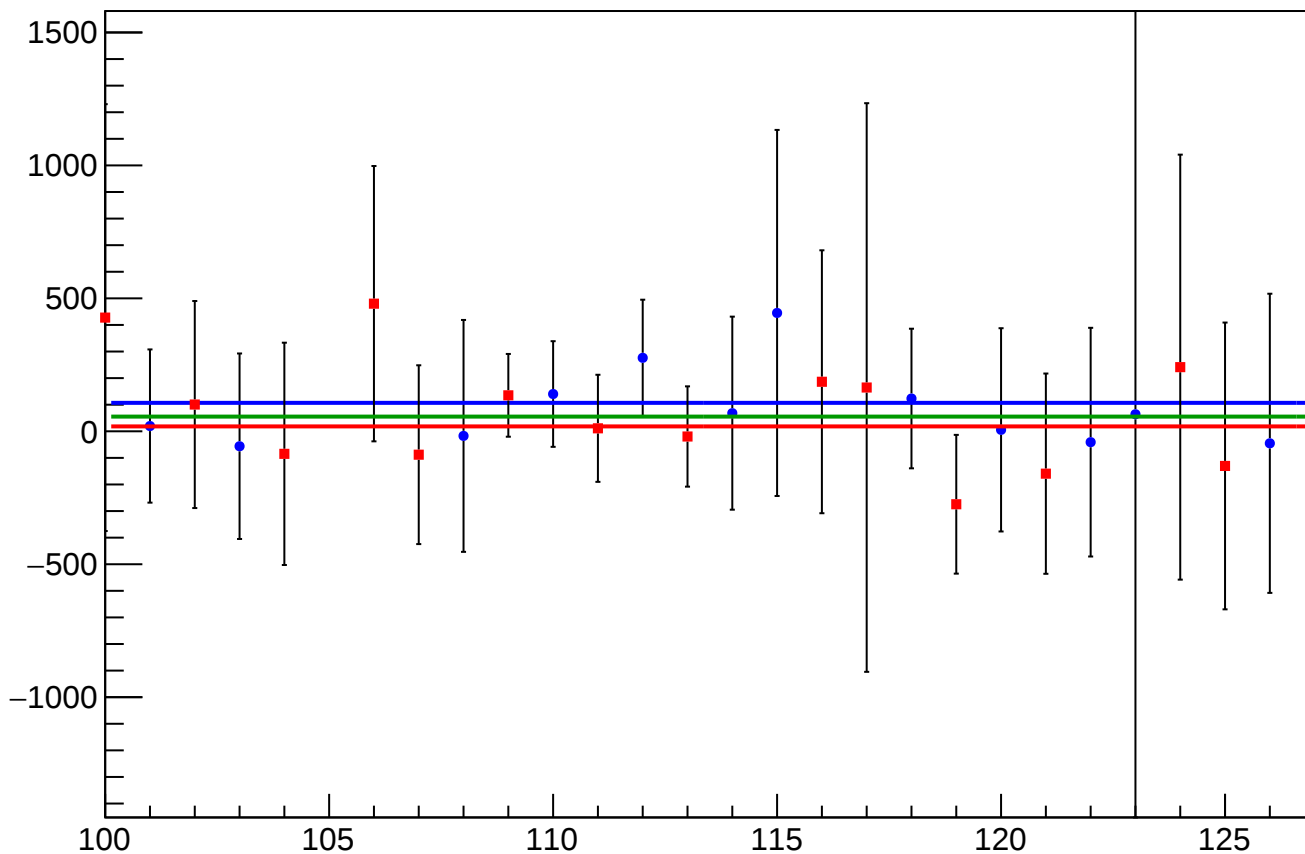
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.823+/-0.008 χ^2/NDF : 10176.5/11

22.812+/-0.005 χ^2/NDF : 20693.4/26

22.803+/-0.007 χ^2/NDF : 10513.1/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.003 $\pm$ 94.561 χ^2 /NDF: 1.5/11

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

Right Out: 18.387 $\pm$ 79.883 χ^2 /NDF: 3.6/14

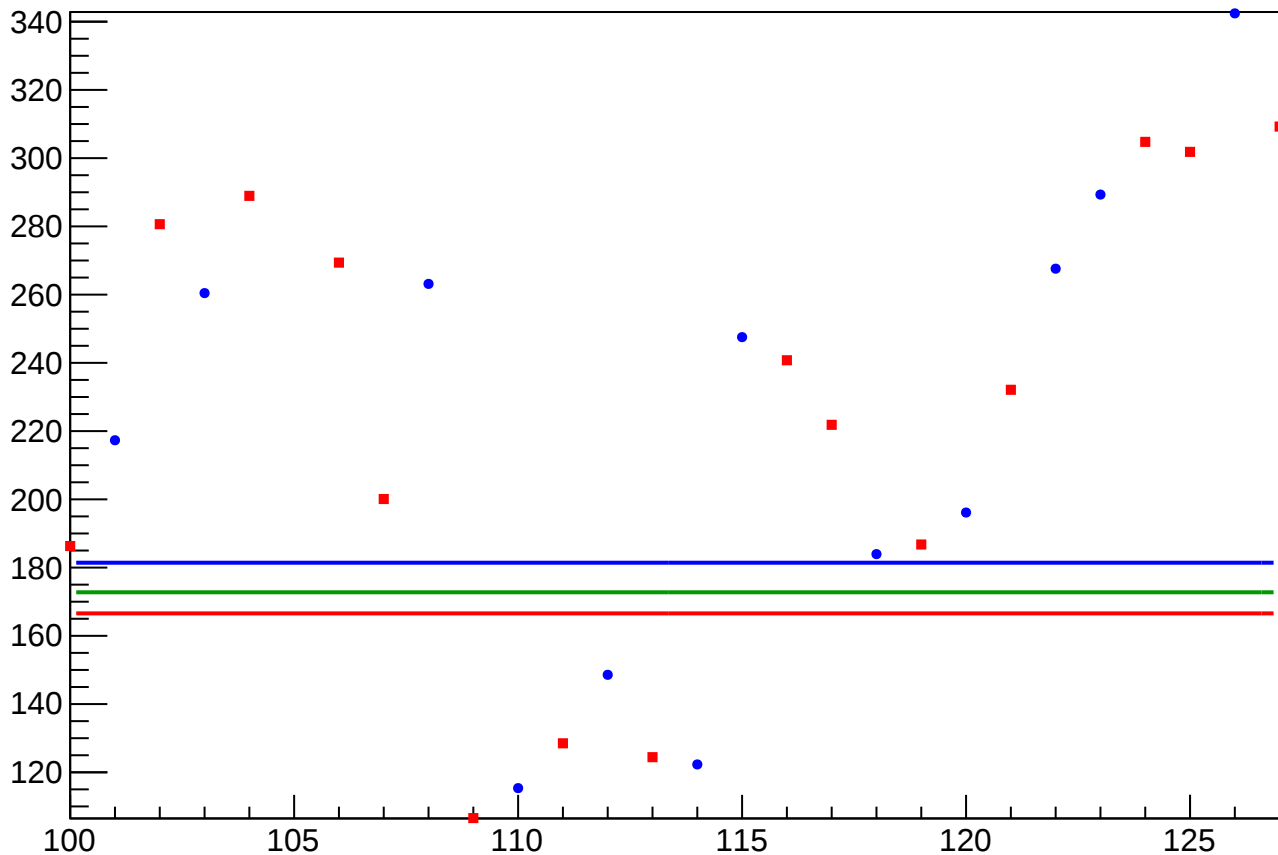
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.003 $\pm$ 94.561 χ^2 /NDF: 1.5/11

55.292 $\pm$ 61.023 χ^2 /NDF: 5.7/26

18.387 $\pm$ 79.883 χ^2 /NDF: 3.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.429+/-0.067 χ^2/NDF : 799096.8/11

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

Right Out: 166.574+/-0.056 χ^2/NDF : 1403567.2/14

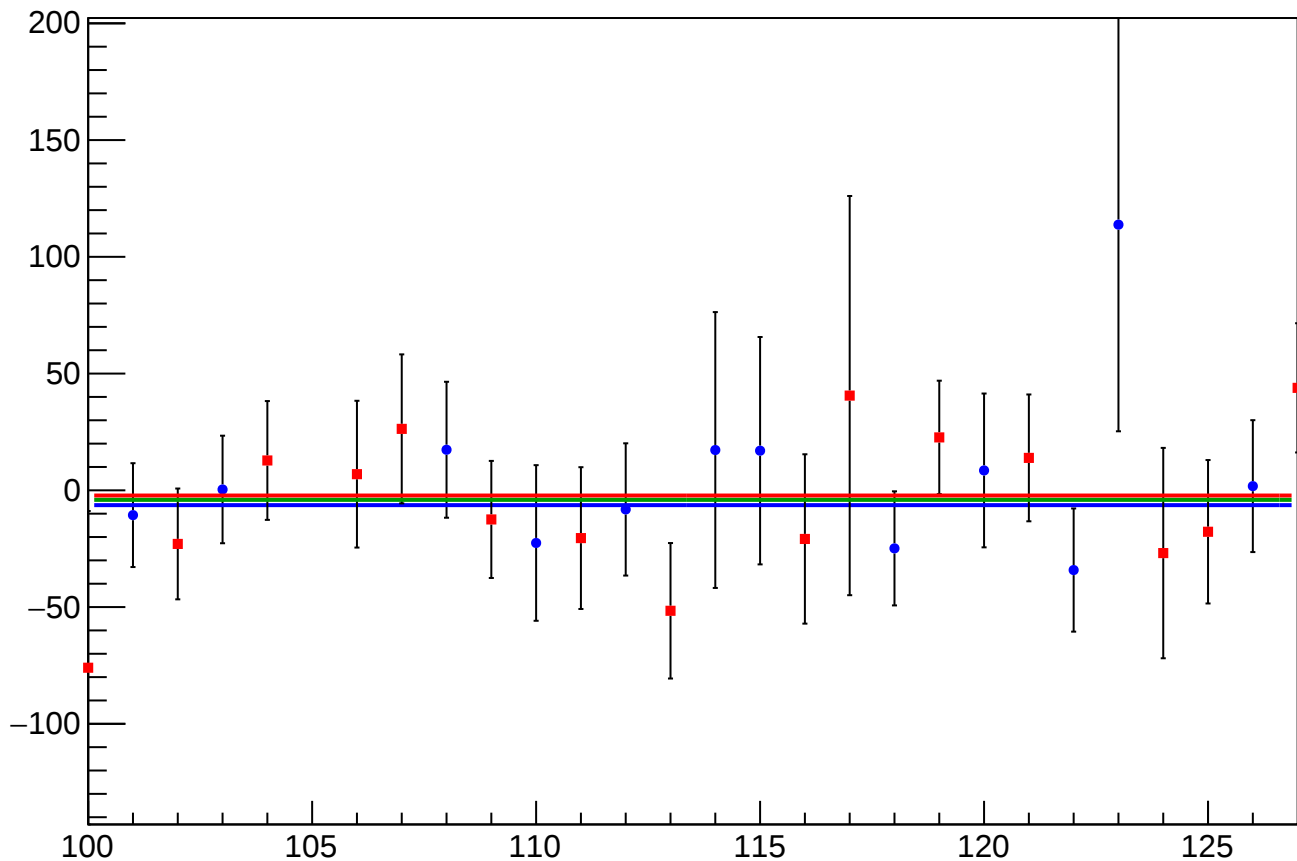
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.429+/-0.067 χ^2/NDF : 799096.8/11

172.760+/-0.043 χ^2/NDF : 2231464.8/26

166.574+/-0.056 χ^2/NDF : 1403567.2/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.345+/-8.653 χ^2/NDF : 5.2/11

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

Right Out: -2.229+/-7.855 χ^2/NDF : 11.9/14

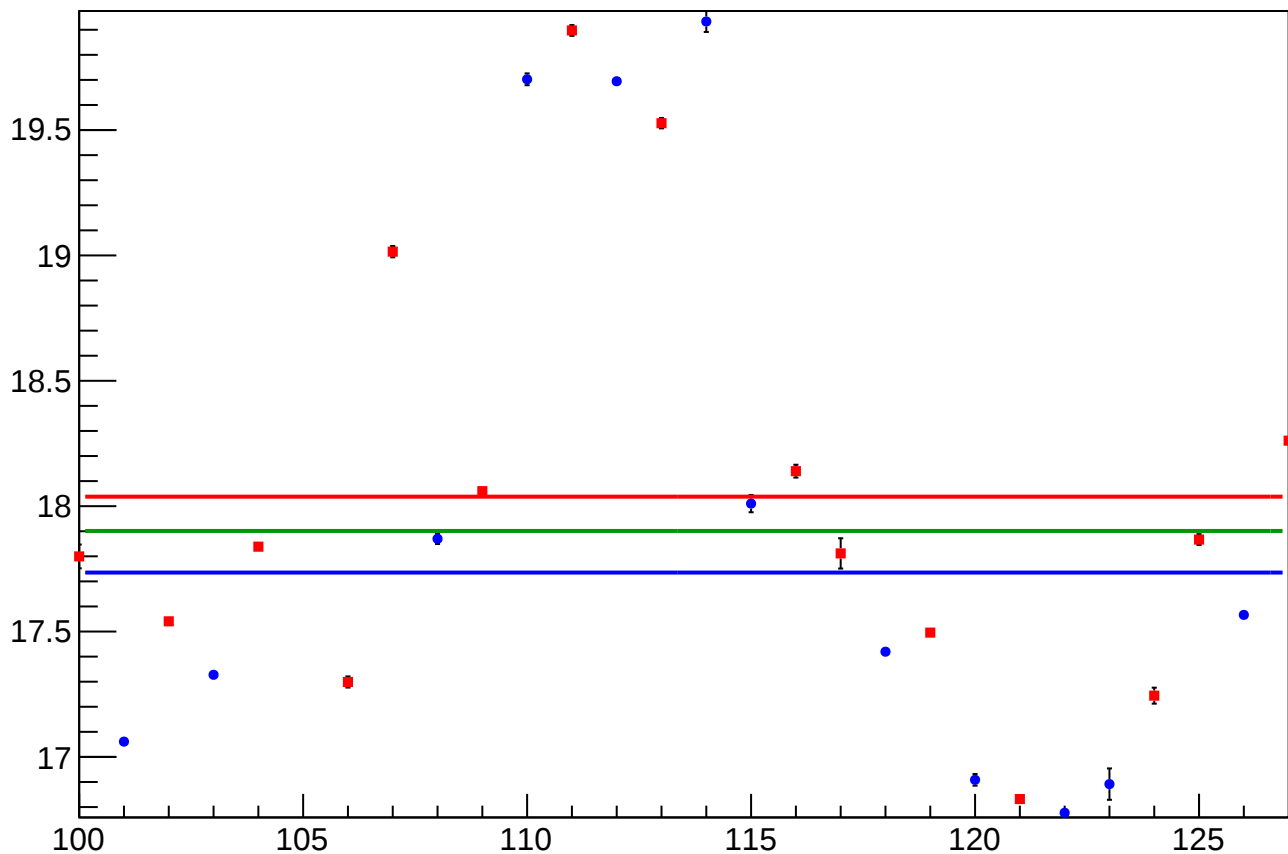
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.345+/-8.653 χ^2/NDF : 5.2/11

-4.089+/-5.816 χ^2/NDF : 17.2/26

-2.229+/-7.855 χ^2/NDF : 11.9/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.735 ± 0.006 χ^2/NDF : 26366.4/11

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

Right Out: 18.038 ± 0.006 χ^2/NDF : 22563.8/14

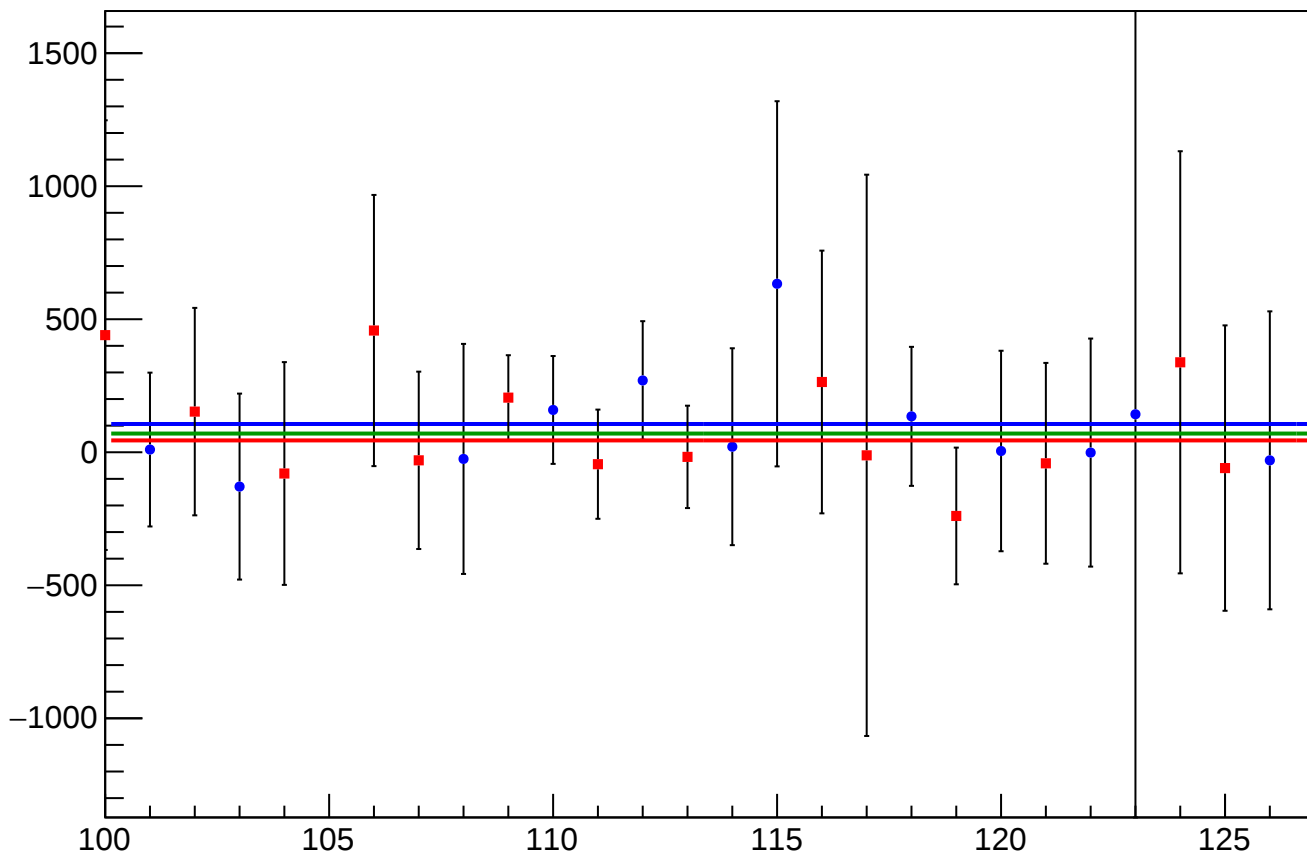
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.735 ± 0.006 χ^2/NDF : 26366.4/11

17.901 ± 0.004 χ^2/NDF : 50272.2/26

18.038 ± 0.006 χ^2/NDF : 22563.8/14

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.215 $\pm$ 95.271 χ^2 /NDF: 2.1/11

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

Right Out: 44.505 $\pm$ 80.709 χ^2 /NDF: 4.1/14

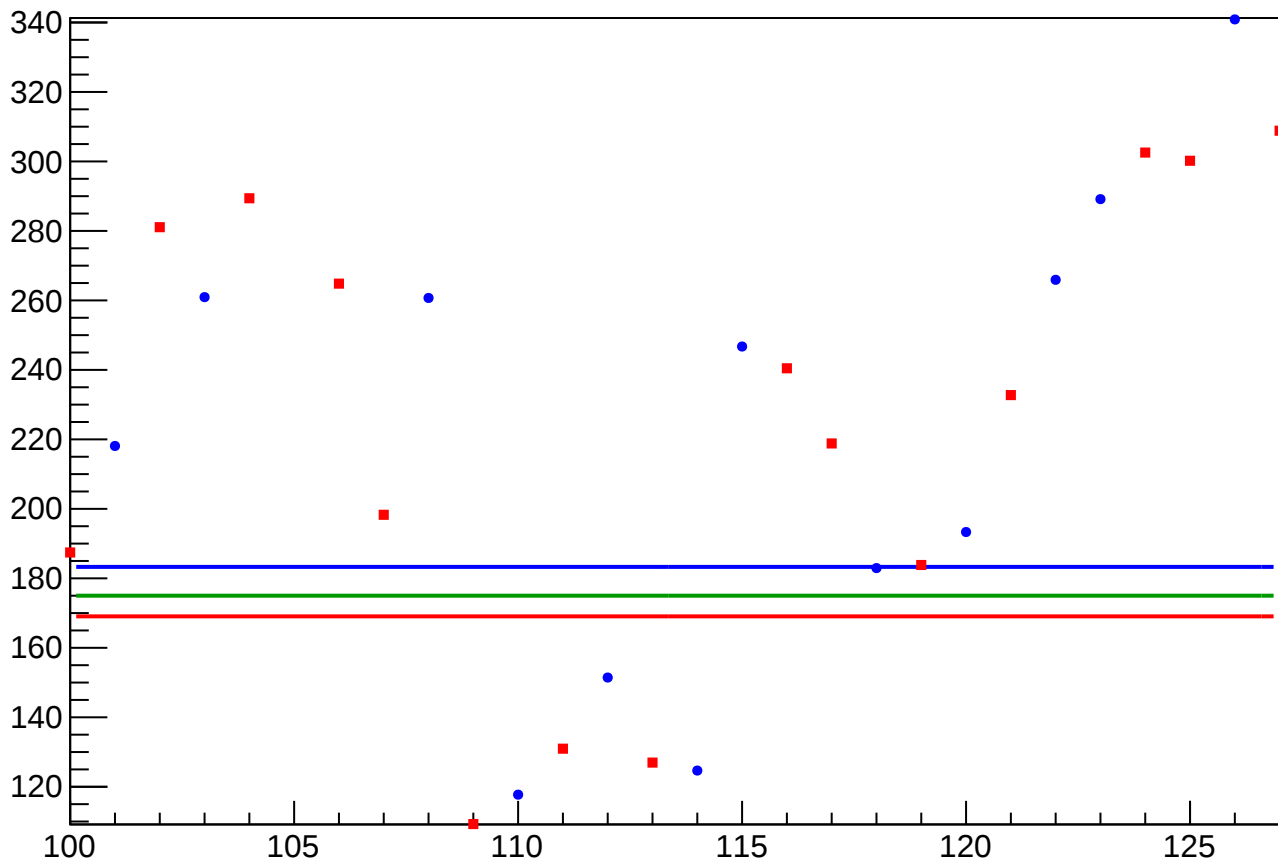
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.215 $\pm$ 95.271 χ^2 /NDF: 2.1/11

70.288 $\pm$ 61.582 χ^2 /NDF: 6.4/26

44.505 $\pm$ 80.709 χ^2 /NDF: 4.1/14

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.295 ± 0.067 $\chi^2/\text{NDF}: 753098.0/11$

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

Right Out: 169.055 ± 0.057 $\chi^2/\text{NDF}: 1325979.2/14$

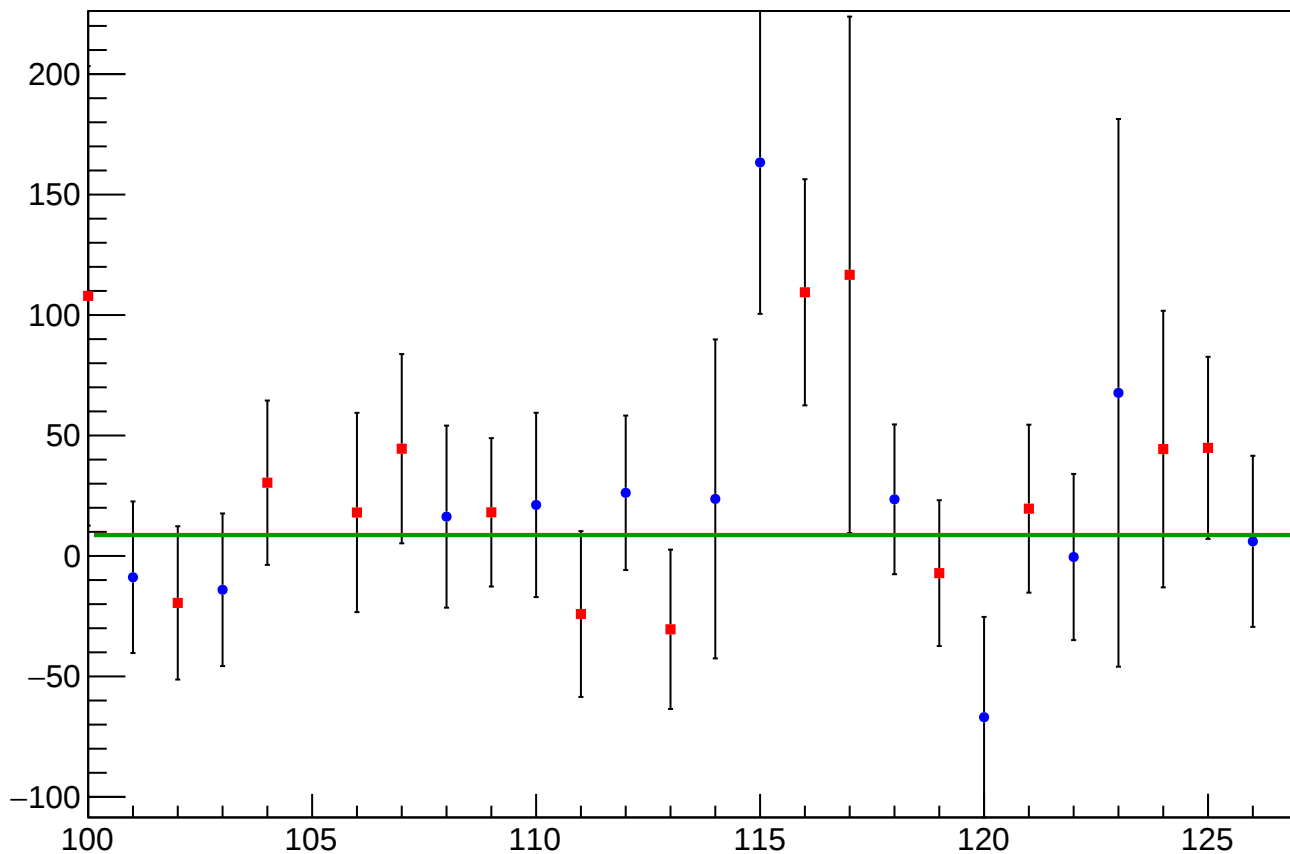
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

183.295 ± 0.067 $\chi^2/\text{NDF}: 753098.0/11$

175.005 ± 0.044 $\chi^2/\text{NDF}: 2105089.6/26$

169.055 ± 0.057 $\chi^2/\text{NDF}: 1325979.2/14$

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.650+/-11.065 χ^2 /NDF: 11.2/11

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

Right Out: 8.741+/-9.833 χ^2 /NDF: 16.9/14

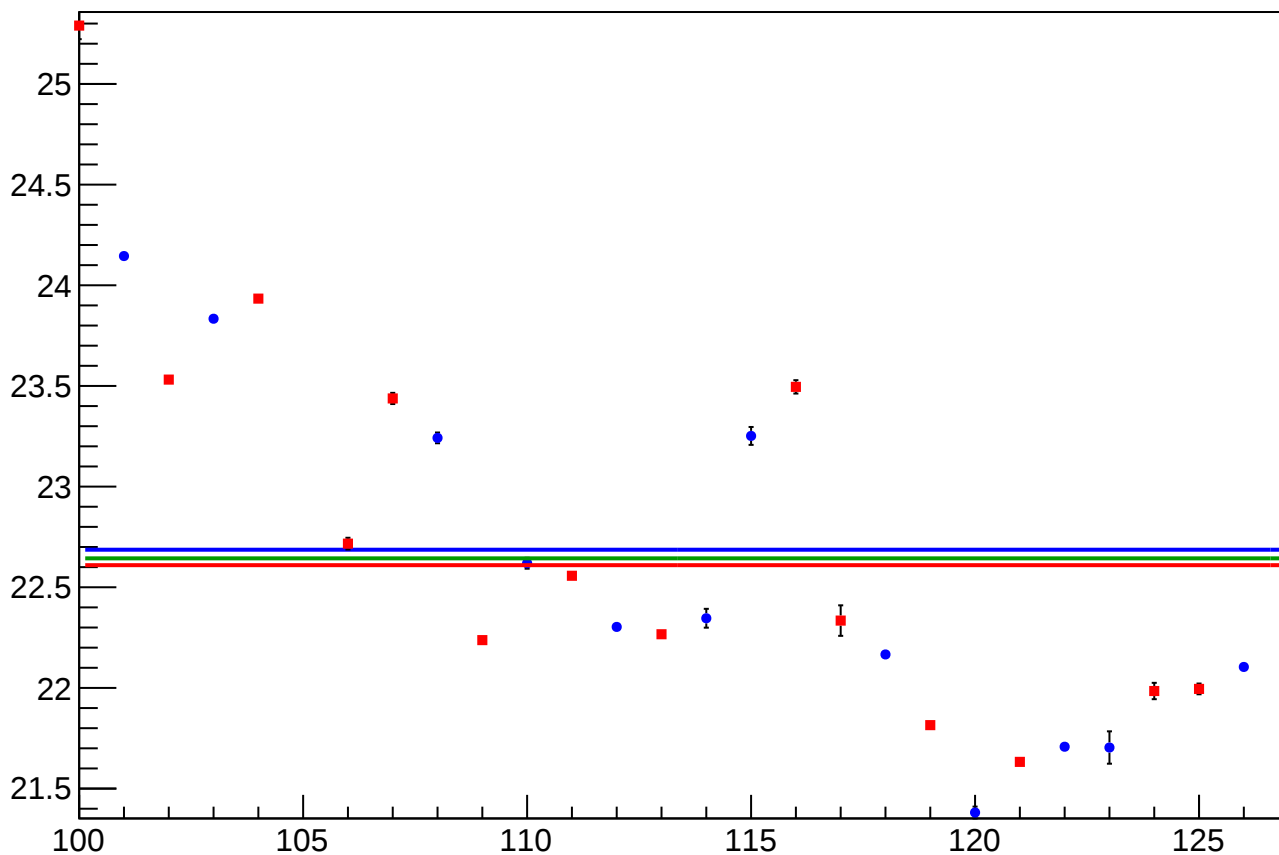
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

8.650+/-11.065 χ^2 /NDF: 11.2/11

8.701+/-7.350 χ^2 /NDF: 28.1/26

8.741+/-9.833 χ^2 /NDF: 16.9/14

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.687+/-0.008 χ^2 /NDF: 12686.7/11

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

Right Out: 22.610+/-0.007 χ^2 /NDF: 12307.2/14

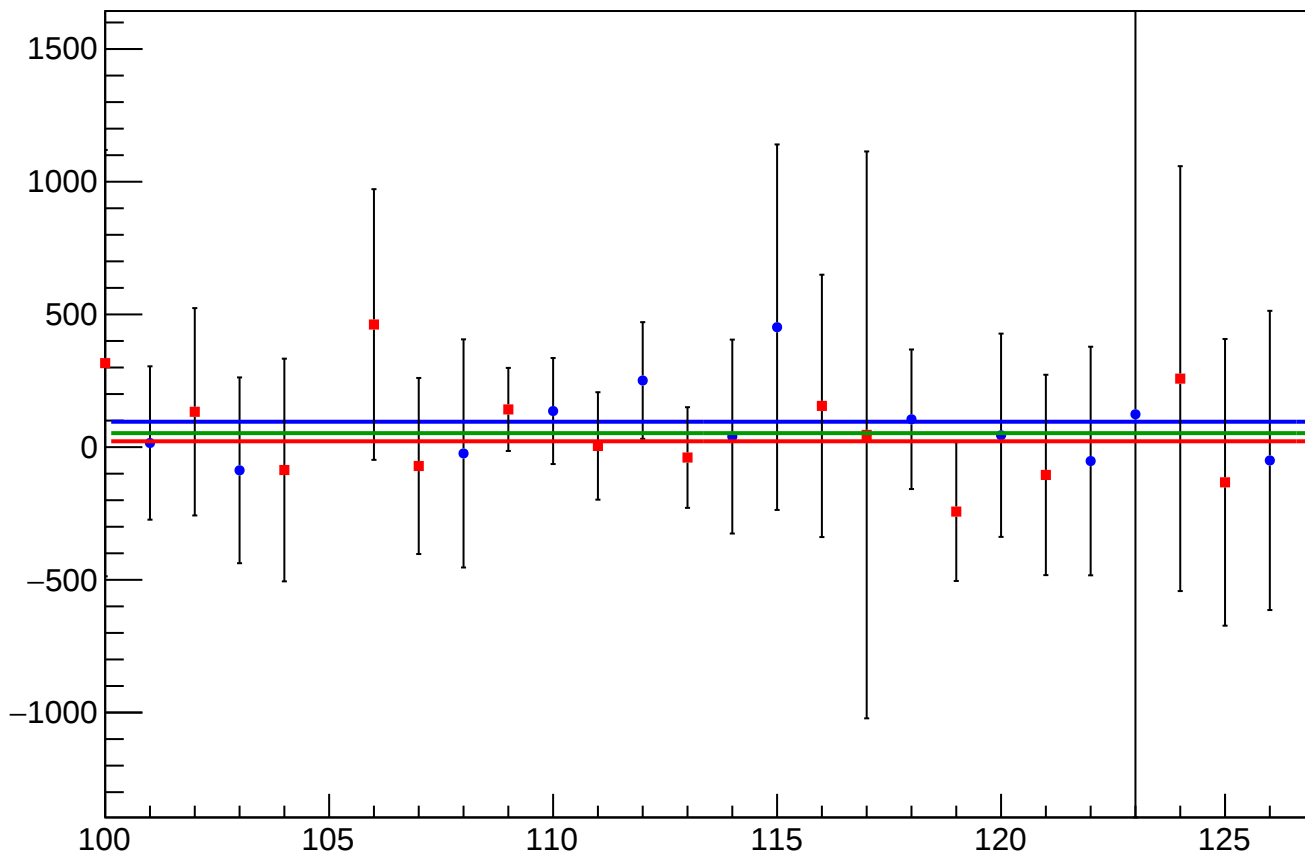
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.687+/-0.008 χ^2 /NDF: 12686.7/11

22.644+/-0.005 χ^2 /NDF: 25047.6/26

22.610+/-0.007 χ^2 /NDF: 12307.2/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 95.708+/-94.840 χ^2/NDF : 1.5/11

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

Right Out: 22.041+/-80.102 χ^2/NDF : 3.2/14

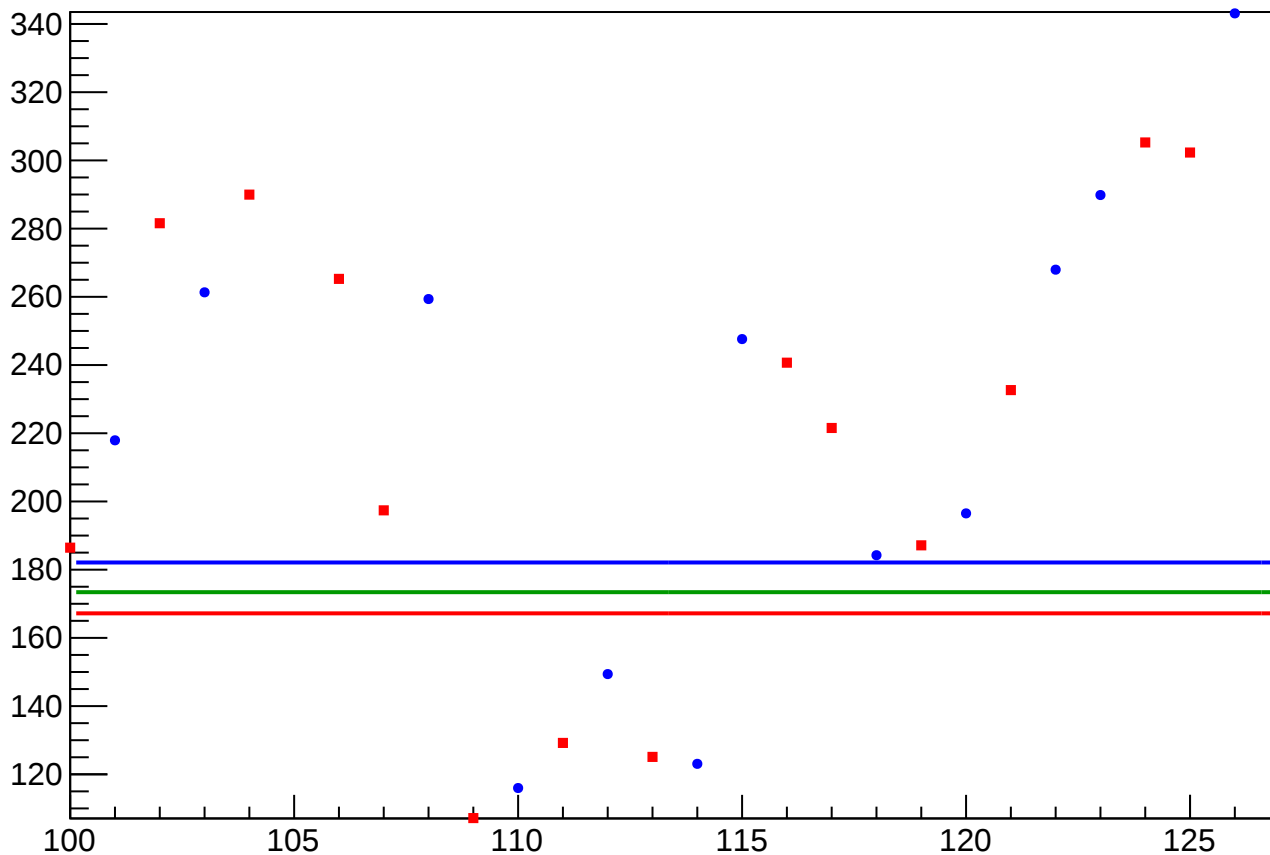
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.708+/-94.840 χ^2/NDF : 1.5/11

52.712+/-61.196 χ^2/NDF : 5.0/26

22.041+/-80.102 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.109+/-0.067 χ^2/NDF : 787330.8/11

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

Right Out: 167.195+/-0.057 χ^2/NDF : 1386552.7/14

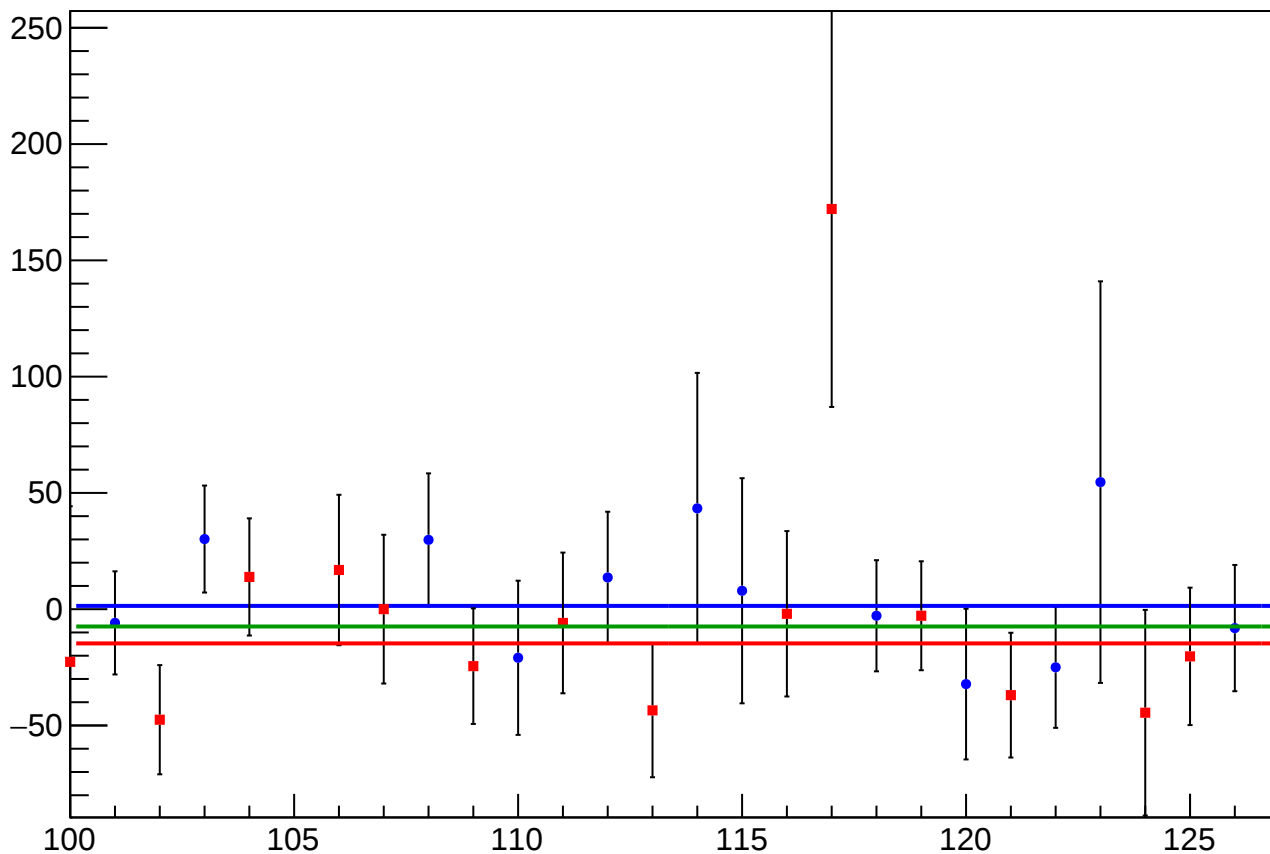
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

182.109+/-0.067 χ^2/NDF : 787330.8/11

173.404+/-0.043 χ^2/NDF : 2202748.7/26

167.195+/-0.057 χ^2/NDF : 1386552.7/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.423+/-8.543 χ^2/NDF : 6.5/11

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

Right Out: -14.709+/-7.741 χ^2/NDF : 12.1/14

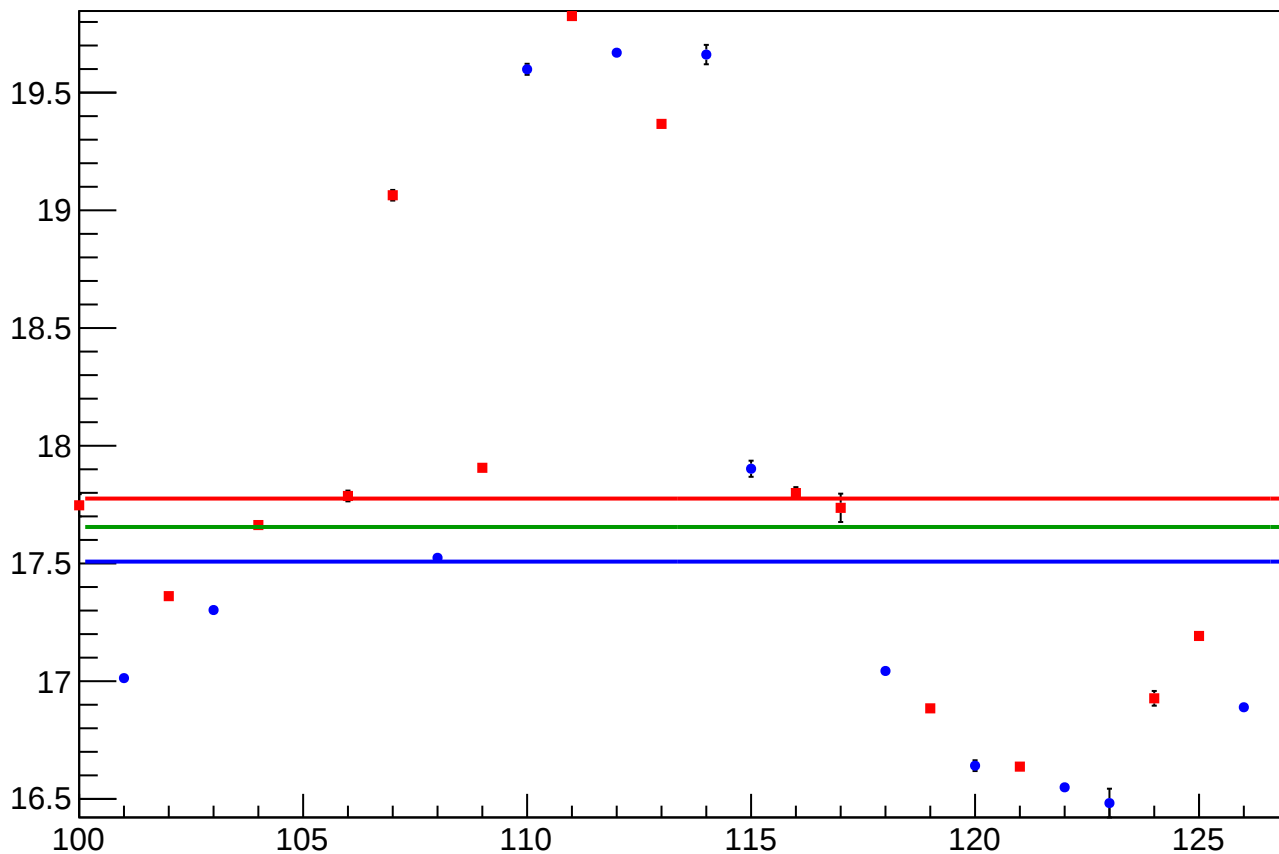
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.423+/-8.543 χ^2/NDF : 6.5/11

-7.436+/-5.736 χ^2/NDF : 20.5/26

-14.709+/-7.741 χ^2/NDF : 12.1/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.508 $\pm$ 0.006 χ^2 /NDF: 29885.4/11

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

Right Out: 17.776 $\pm$ 0.005 χ^2 /NDF: 27517.8/14

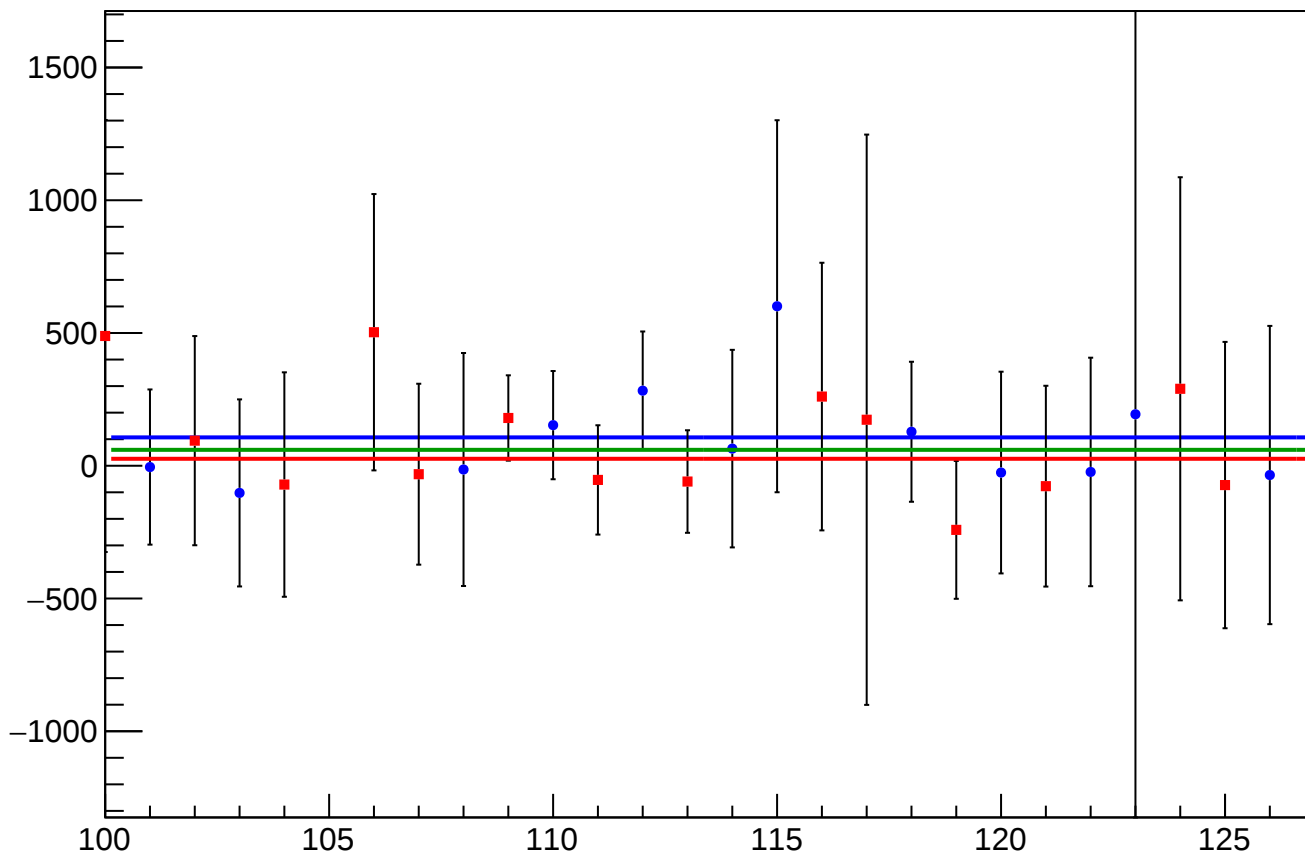
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.508 $\pm$ 0.006 χ^2 /NDF: 29885.4/11

17.655 $\pm$ 0.004 χ^2 /NDF: 58482.0/26

17.776 $\pm$ 0.005 χ^2 /NDF: 27517.8/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.839 $\pm$ 95.906 χ^2/NDF : 2.0/11

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

Right Out: 26.227 $\pm$ 81.348 χ^2/NDF : 4.1/14

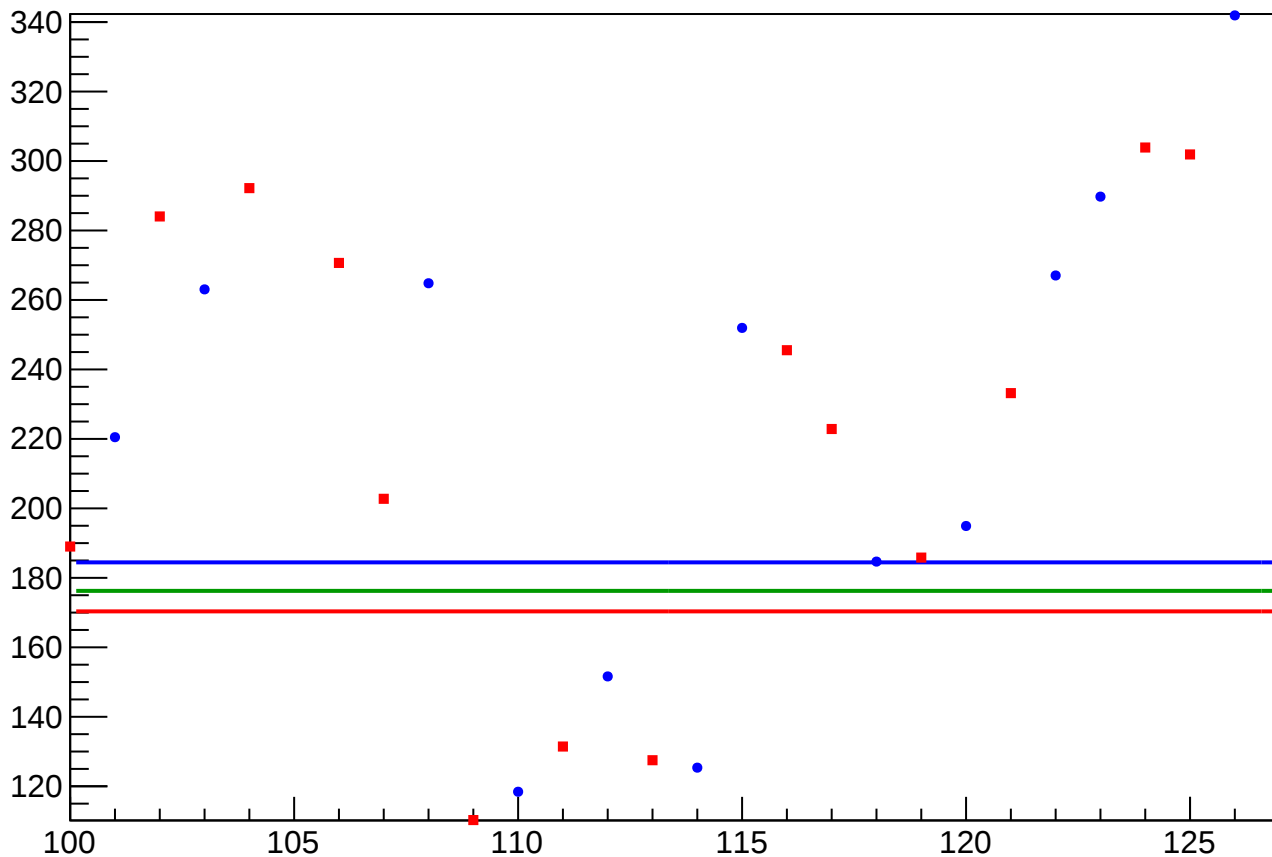
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

106.839 $\pm$ 95.906 χ^2/NDF : 2.0/11

59.957 $\pm$ 62.037 χ^2/NDF : 6.5/26

26.227 $\pm$ 81.348 χ^2/NDF : 4.1/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.456 ± 0.068 $\chi^2/\text{NDF}: 761275.7/11$

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

Right Out: 170.349 ± 0.058 $\chi^2/\text{NDF}: 1337134.4/14$

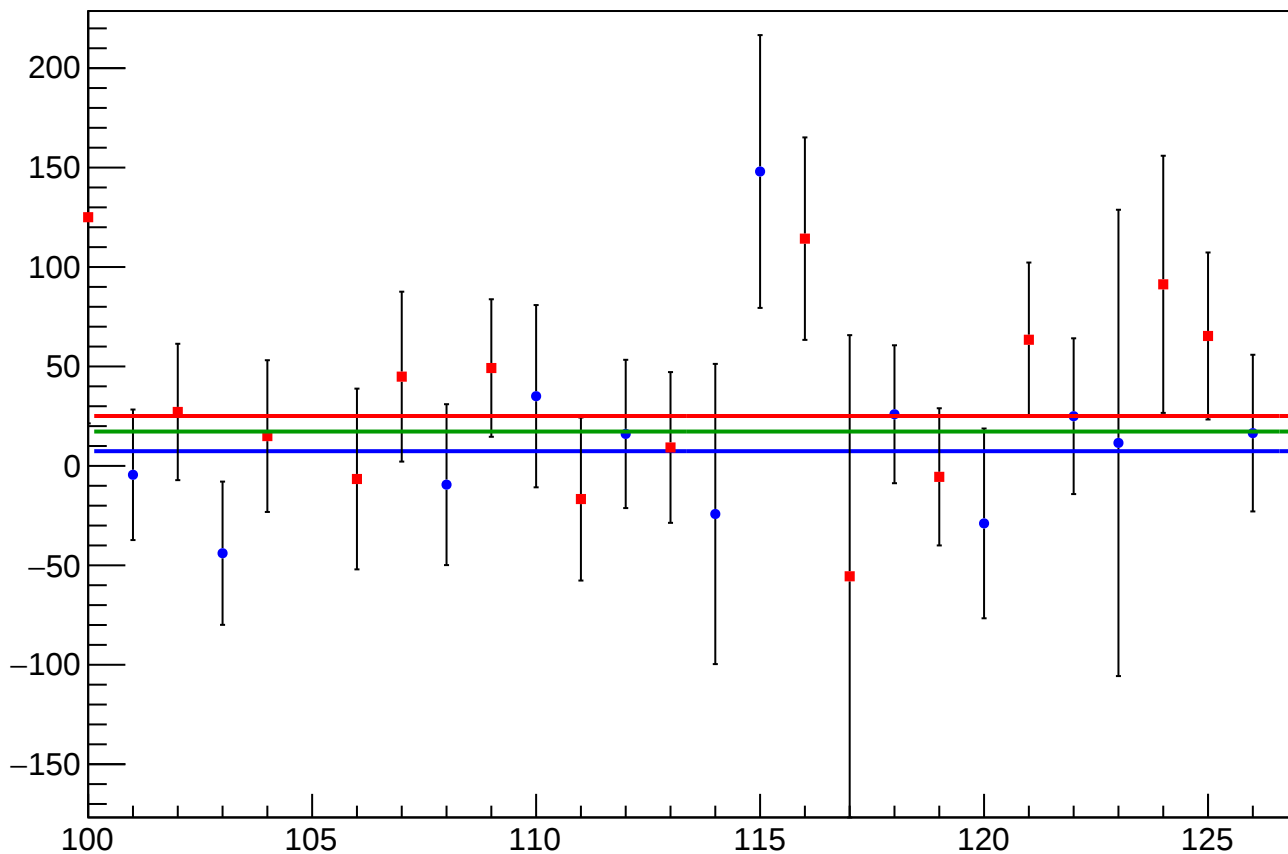
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

184.456 ± 0.068 $\chi^2/\text{NDF}: 761275.7/11$

176.252 ± 0.044 $\chi^2/\text{NDF}: 2123576.2/26$

170.349 ± 0.058 $\chi^2/\text{NDF}: 1337134.4/14$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.400+/-12.371 χ^2/NDF : 8.3/11

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

Right Out: 25.088+/-11.001 χ^2/NDF : 14.3/14

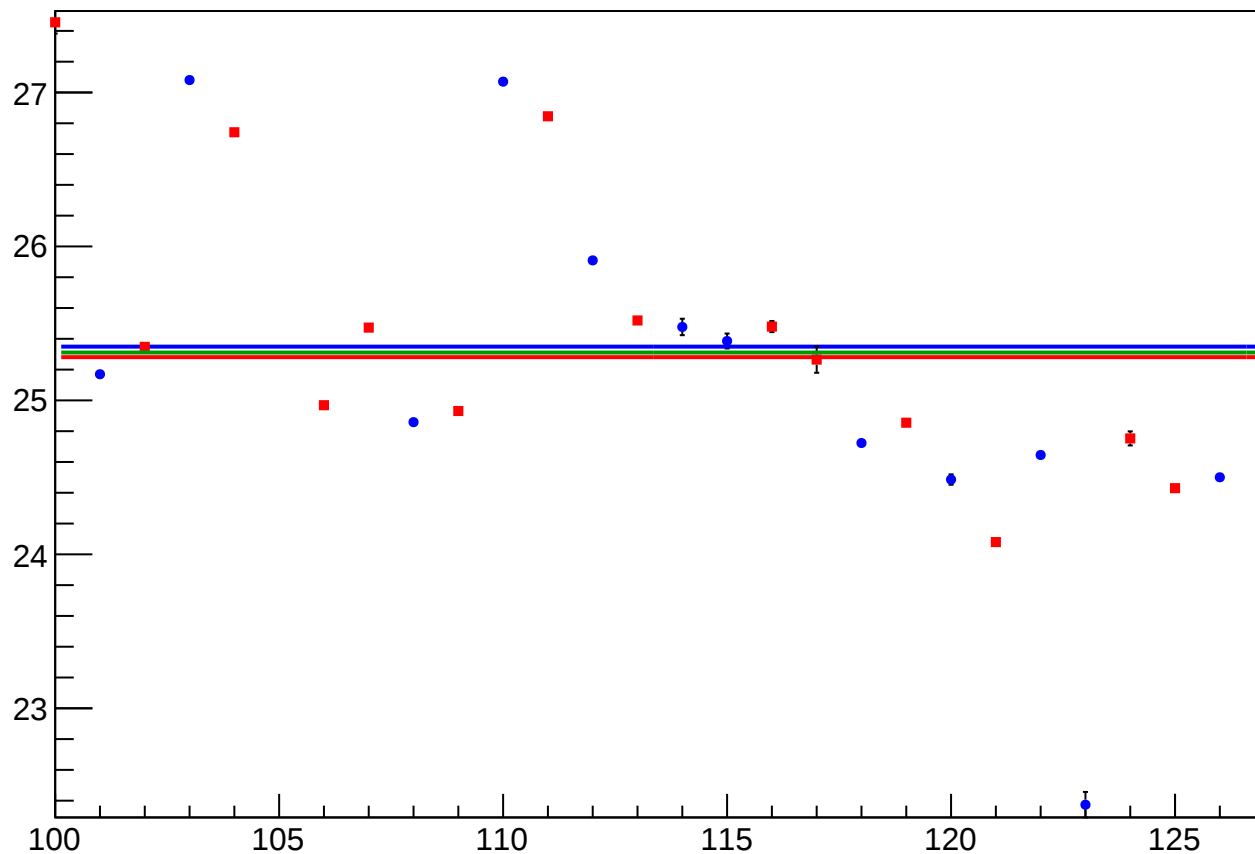
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.400+/-12.371 χ^2/NDF : 8.3/11

17.278+/-8.220 χ^2/NDF : 23.7/26

25.088+/-11.001 χ^2/NDF : 14.3/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.349+/-0.009 χ^2 /NDF: 12425.5/11

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

Right Out: 25.281+/-0.008 χ^2 /NDF: 10672.6/14

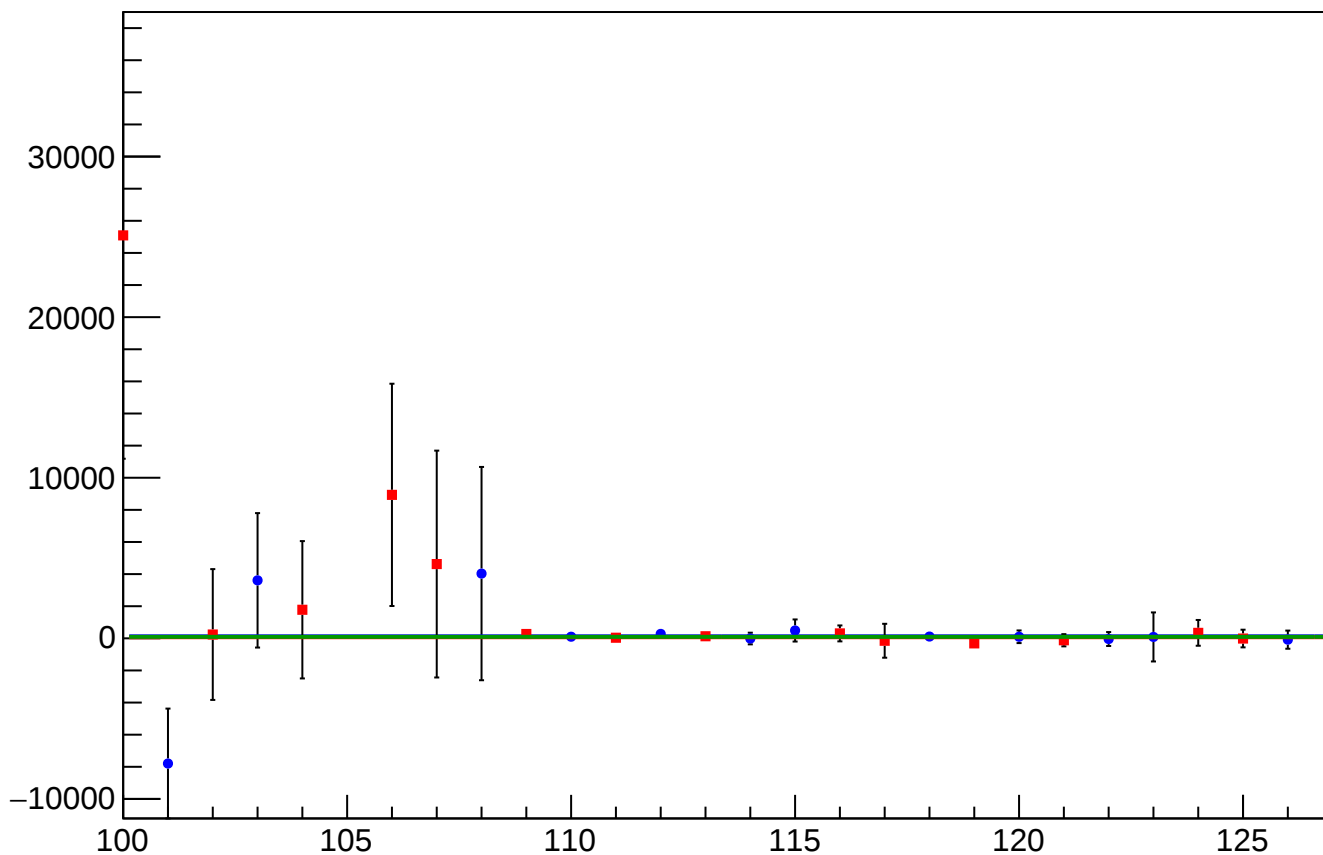
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.349+/-0.009 χ^2 /NDF: 12425.5/11

25.311+/-0.006 χ^2 /NDF: 23132.4/26

25.281+/-0.008 χ^2 /NDF: 10672.6/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 124.112 $\pm$ 108.526 χ^2 /NDF: 7.6/11

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

Right Out: 70.077 $\pm$ 95.863 χ^2 /NDF: 9.1/14

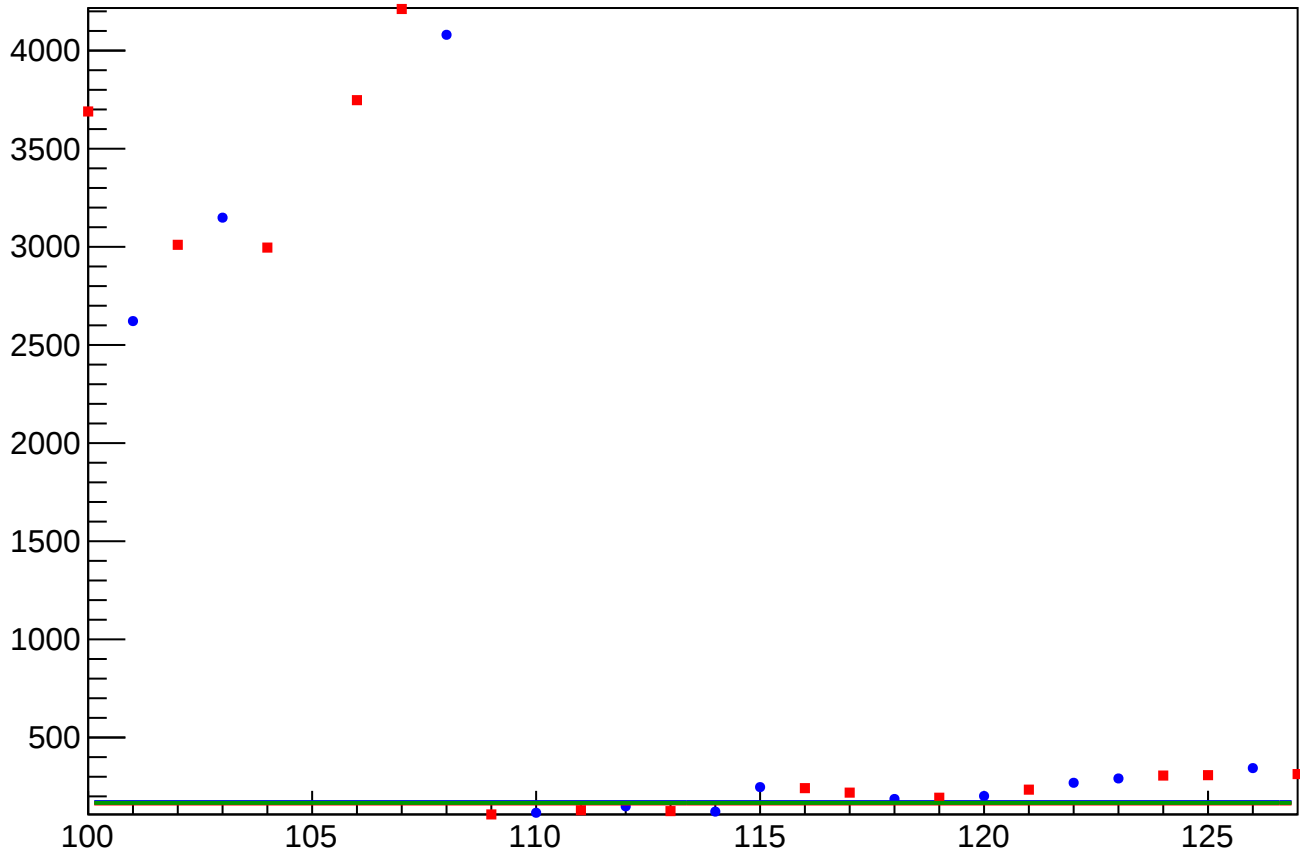
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

124.112 $\pm$ 108.526 χ^2 /NDF: 7.6/11

93.759 $\pm$ 71.847 χ^2 /NDF: 16.9/26

70.077 $\pm$ 95.863 χ^2 /NDF: 9.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.971 $\pm$ 0.077 χ^2 /NDF: 3281389.2/11

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

Right Out: 163.686 $\pm$ 0.068 χ^2 /NDF: 3996950.1/14

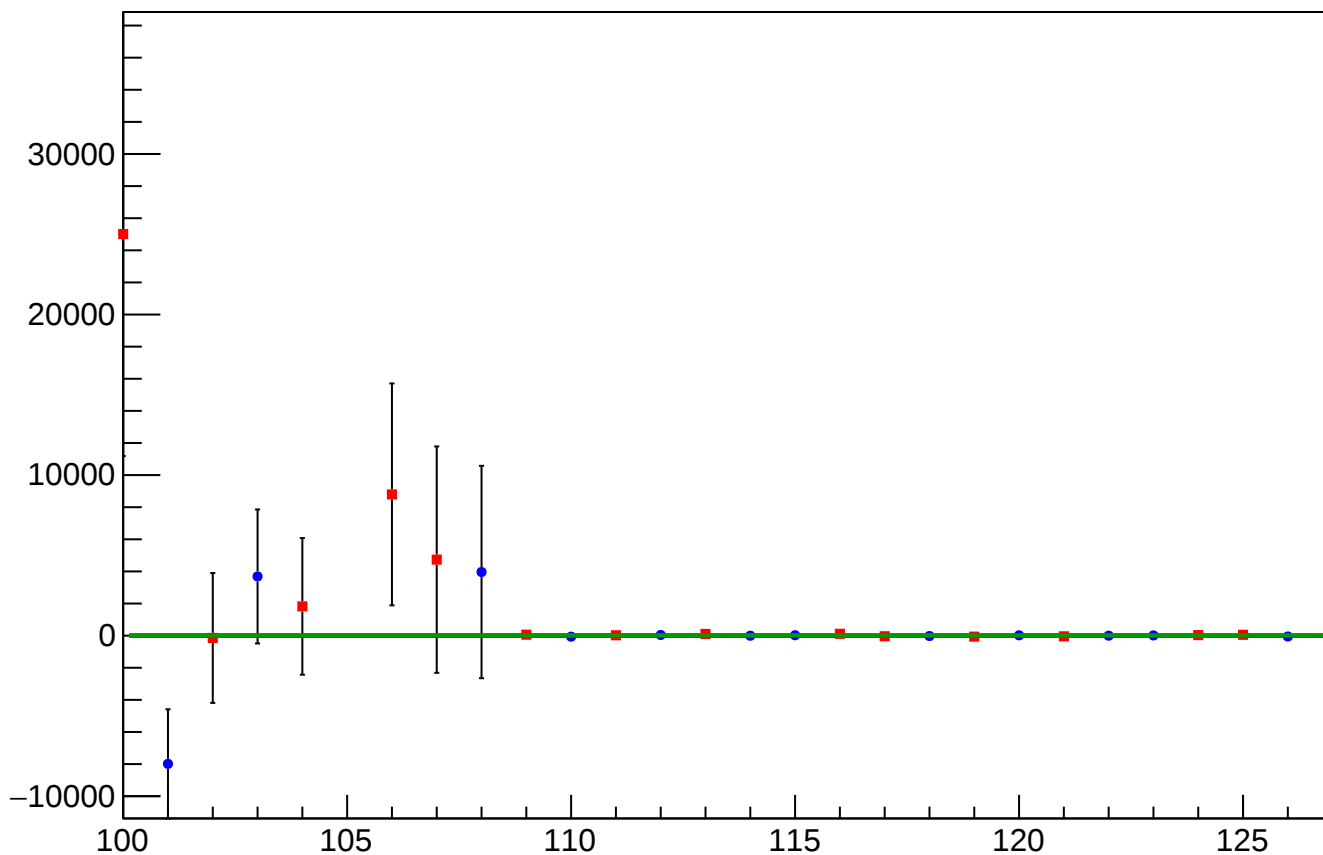
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.971 $\pm$ 0.077 χ^2 /NDF: 3281389.2/11

166.879 $\pm$ 0.051 χ^2 /NDF: 7283401.1/26

163.686 $\pm$ 0.068 χ^2 /NDF: 3996950.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.399 $\pm$ 16.681 χ^2 /NDF: 11.6/11

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

Right Out: 24.416 $\pm$ 15.305 χ^2 /NDF: 20.1/14

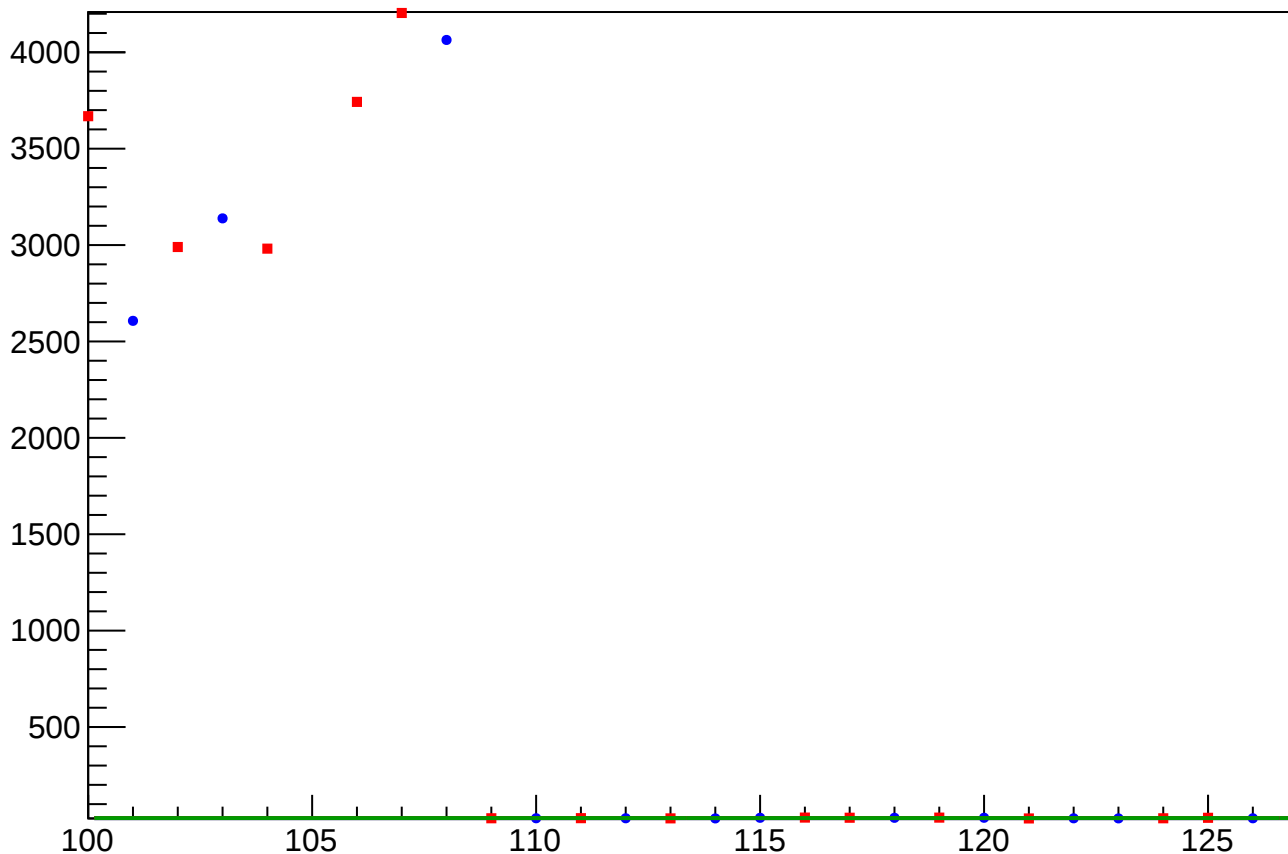
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.399 $\pm$ 16.681 χ^2 /NDF: 11.6/11

8.503 $\pm$ 11.277 χ^2 /NDF: 34.1/26

24.416 $\pm$ 15.305 χ^2 /NDF: 20.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.429+/-0.012 χ^2/NDF : 3017691.3/11

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

Right Out: 27.706+/-0.011 χ^2/NDF : 3475480.8/14

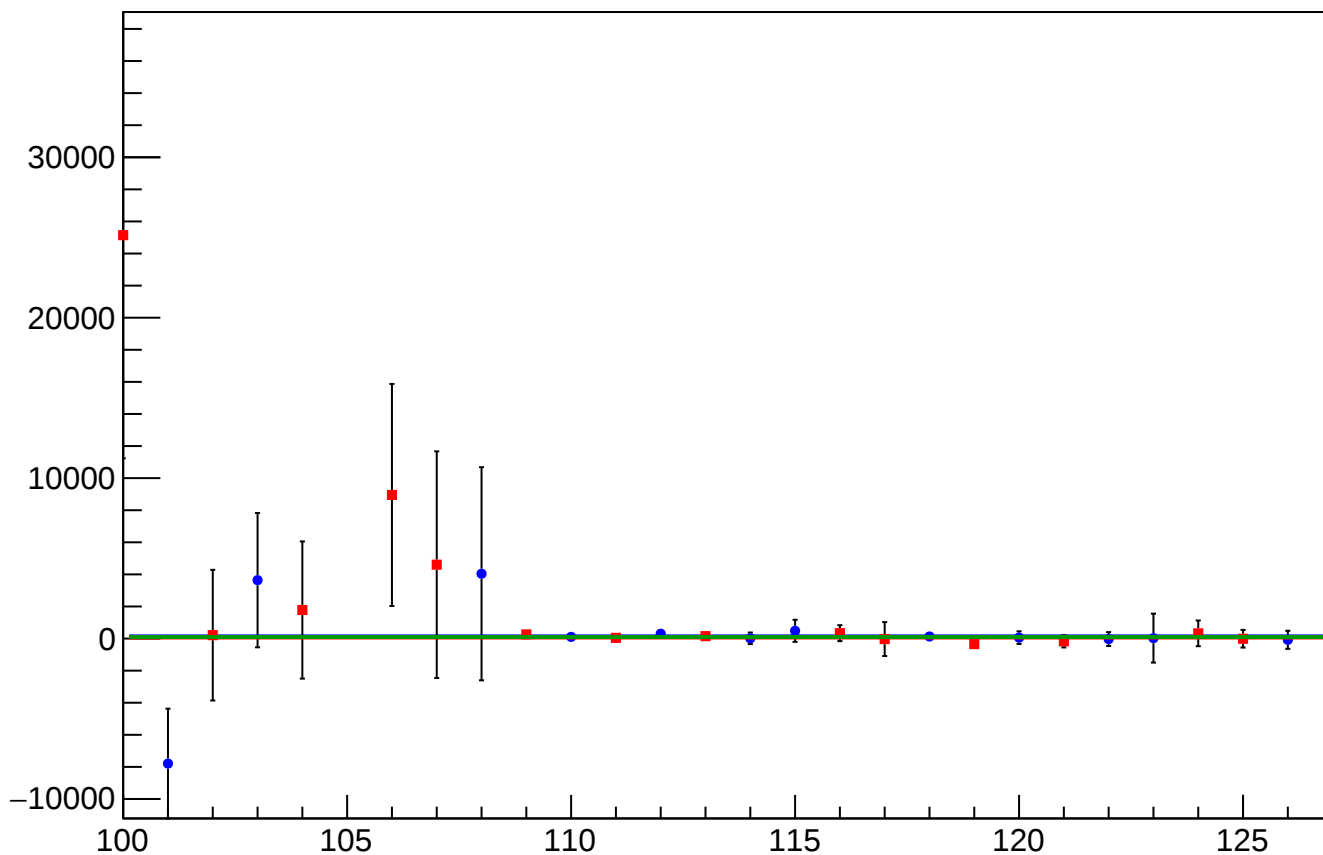
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.429+/-0.012 χ^2/NDF : 3017691.3/11

27.579+/-0.008 χ^2/NDF : 6493471.7/26

27.706+/-0.011 χ^2/NDF : 3475480.8/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 134.491+/-108.094 χ^2/NDF : 7.7/11

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

Right Out: 67.392+/-95.458 χ^2/NDF : 9.7/14

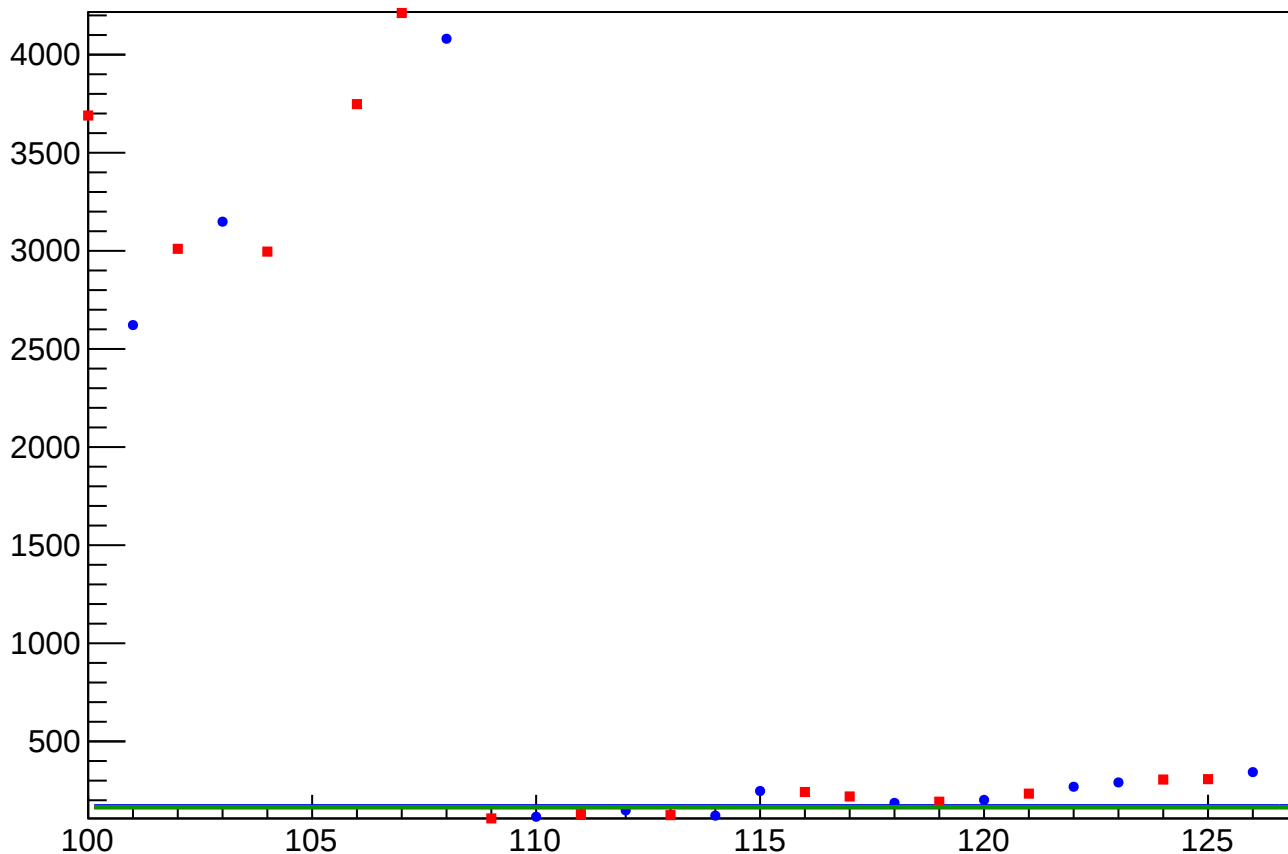
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.491+/-108.094 χ^2/NDF : 7.7/11

96.792+/-71.551 χ^2/NDF : 17.6/26

67.392+/-95.458 χ^2/NDF : 9.7/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.181+/-0.076 χ^2/NDF : 3287765.9/11

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

Right Out: 162.871+/-0.067 χ^2/NDF : 4005445.3/14

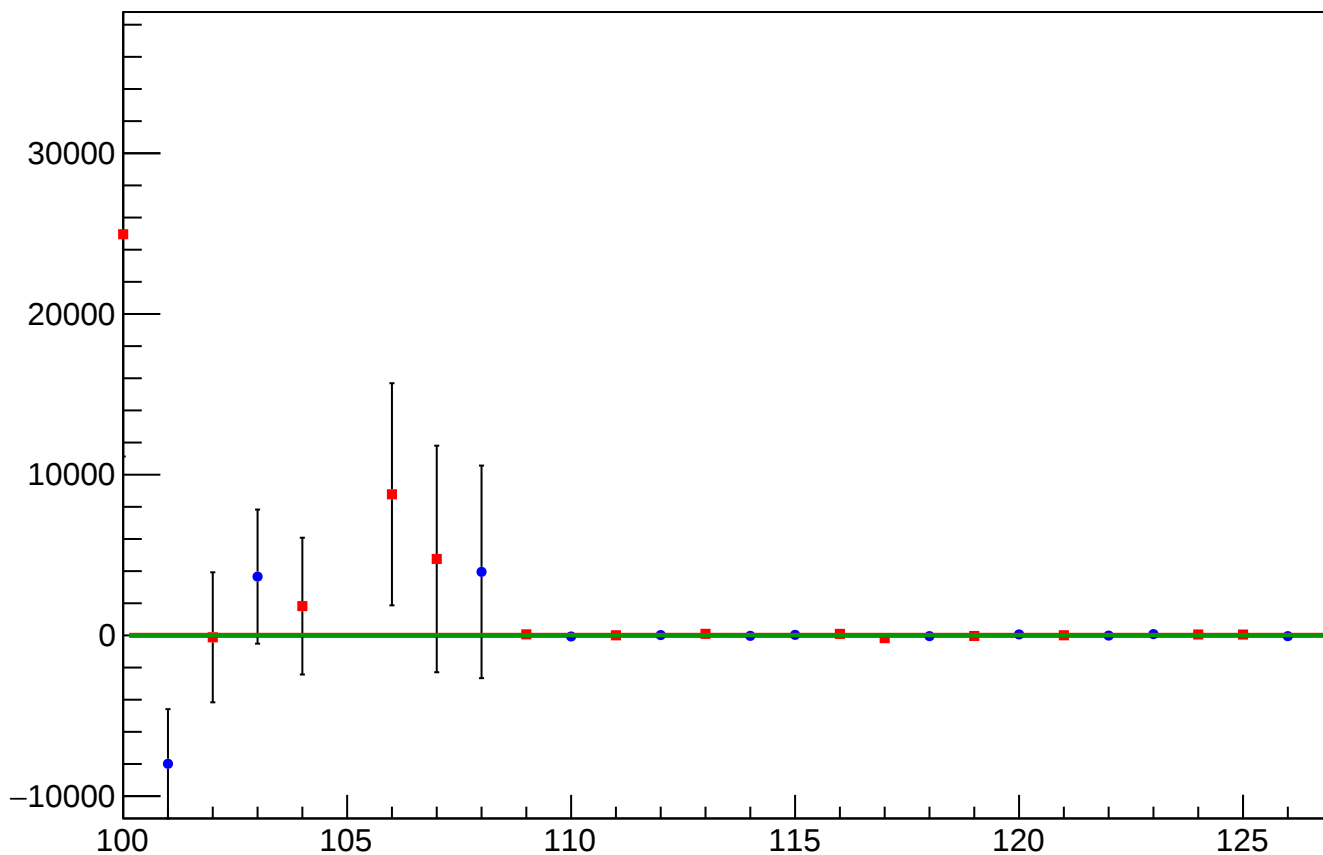
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.181+/-0.076 χ^2/NDF : 3287765.9/11

166.074+/-0.051 χ^2/NDF : 7298350.3/26

162.871+/-0.067 χ^2/NDF : 4005445.3/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.629+/-16.792 χ^2 /NDF: 12.6/11

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

Right Out: 37.526+/-15.453 χ^2 /NDF: 15.4/14

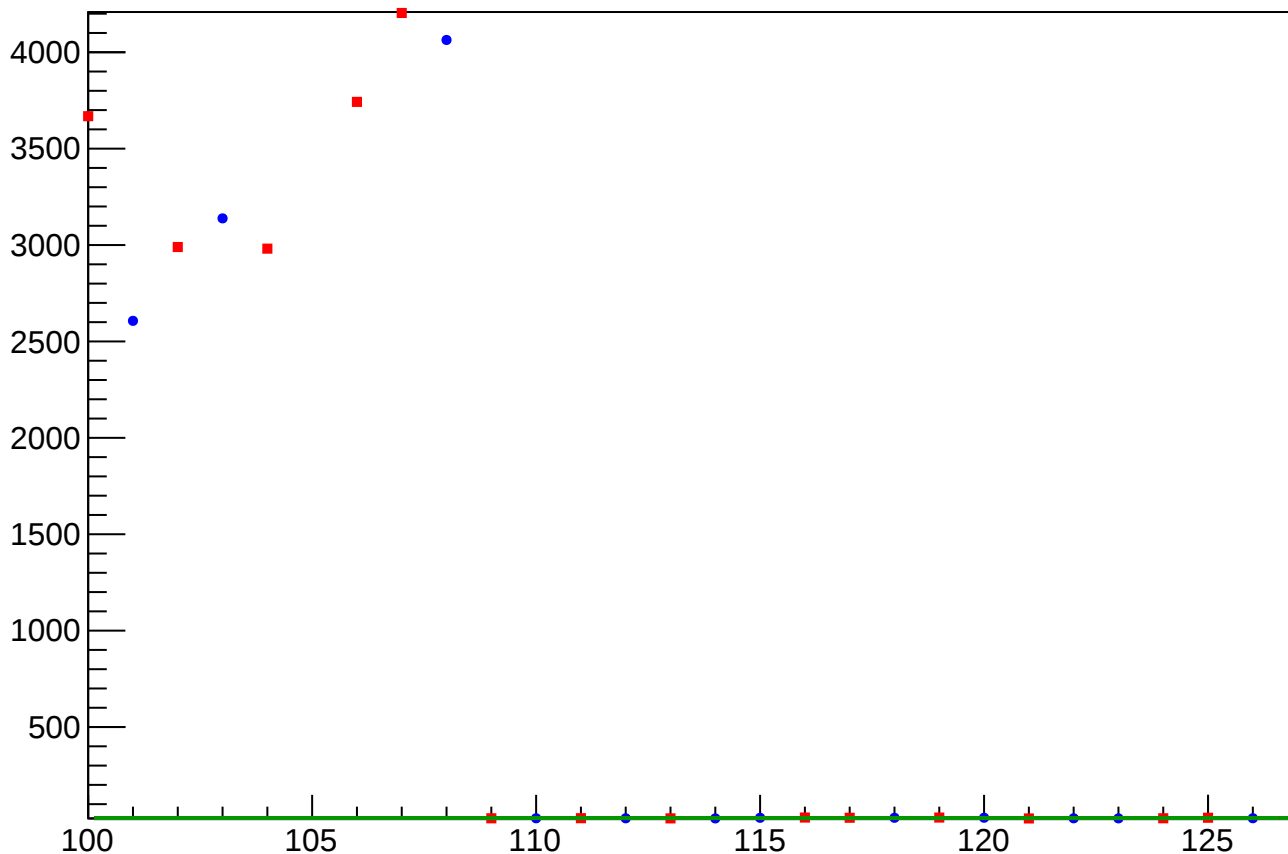
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-14.629+/-16.792 χ^2 /NDF: 12.6/11

13.610+/-11.371 χ^2 /NDF: 33.3/26

37.526+/-15.453 χ^2 /NDF: 15.4/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.609+/-0.012 χ^2/NDF : 3017903.2/11

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

Right Out: 27.965+/-0.011 χ^2/NDF : 3478330.0/14

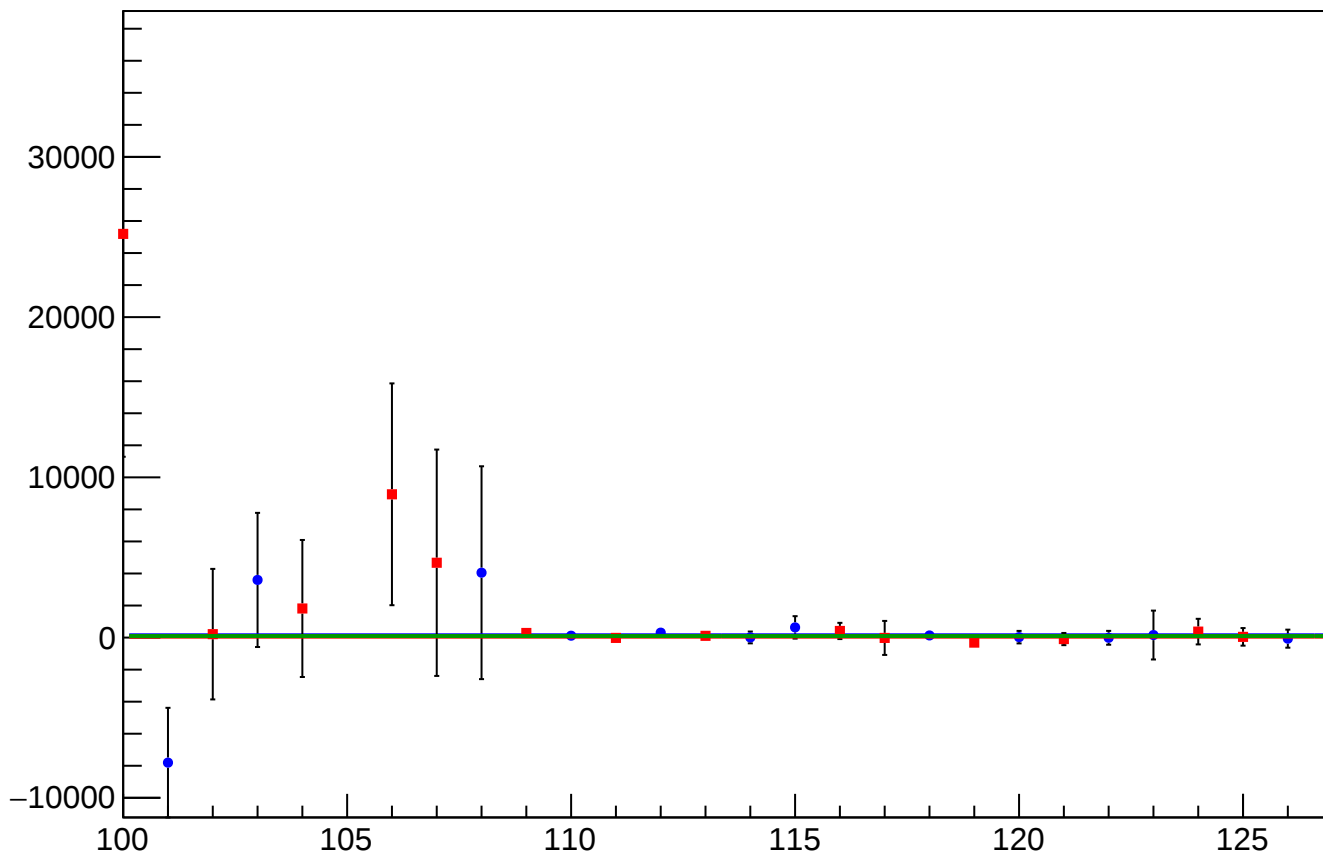
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.609+/-0.012 χ^2/NDF : 3017903.2/11

27.802+/-0.008 χ^2/NDF : 6496720.3/26

27.965+/-0.011 χ^2/NDF : 3478330.0/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 142.551+/-109.574 χ^2/NDF : 8.0/11

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

Right Out: 59.695+/-96.931 χ^2/NDF : 9.6/14

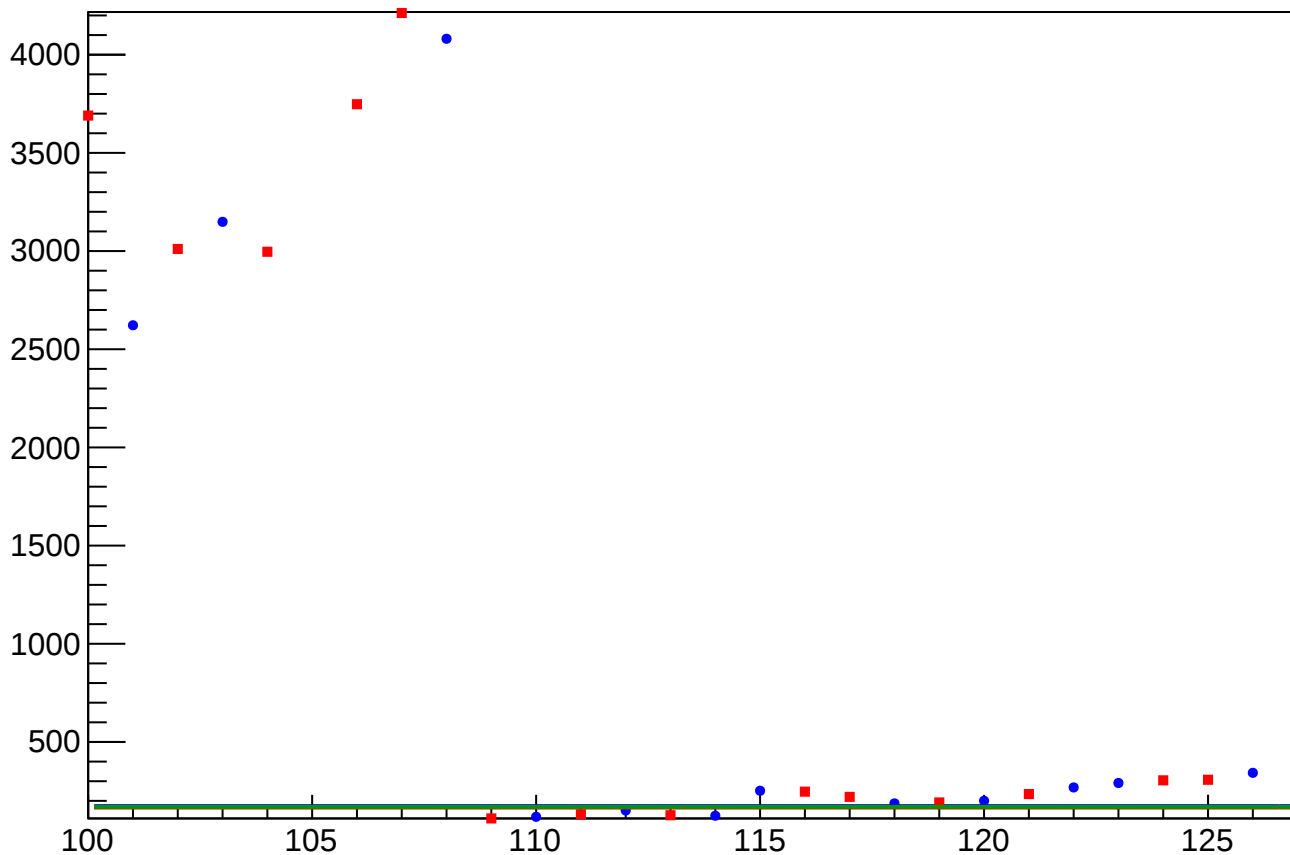
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.551+/-109.574 χ^2/NDF : 8.0/11

96.070+/-72.601 χ^2/NDF : 17.9/26

59.695+/-96.931 χ^2/NDF : 9.6/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.031+/-0.077 χ^2/NDF : 3254566.9/11

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

Right Out: 166.070+/-0.069 χ^2/NDF : 3962123.3/14

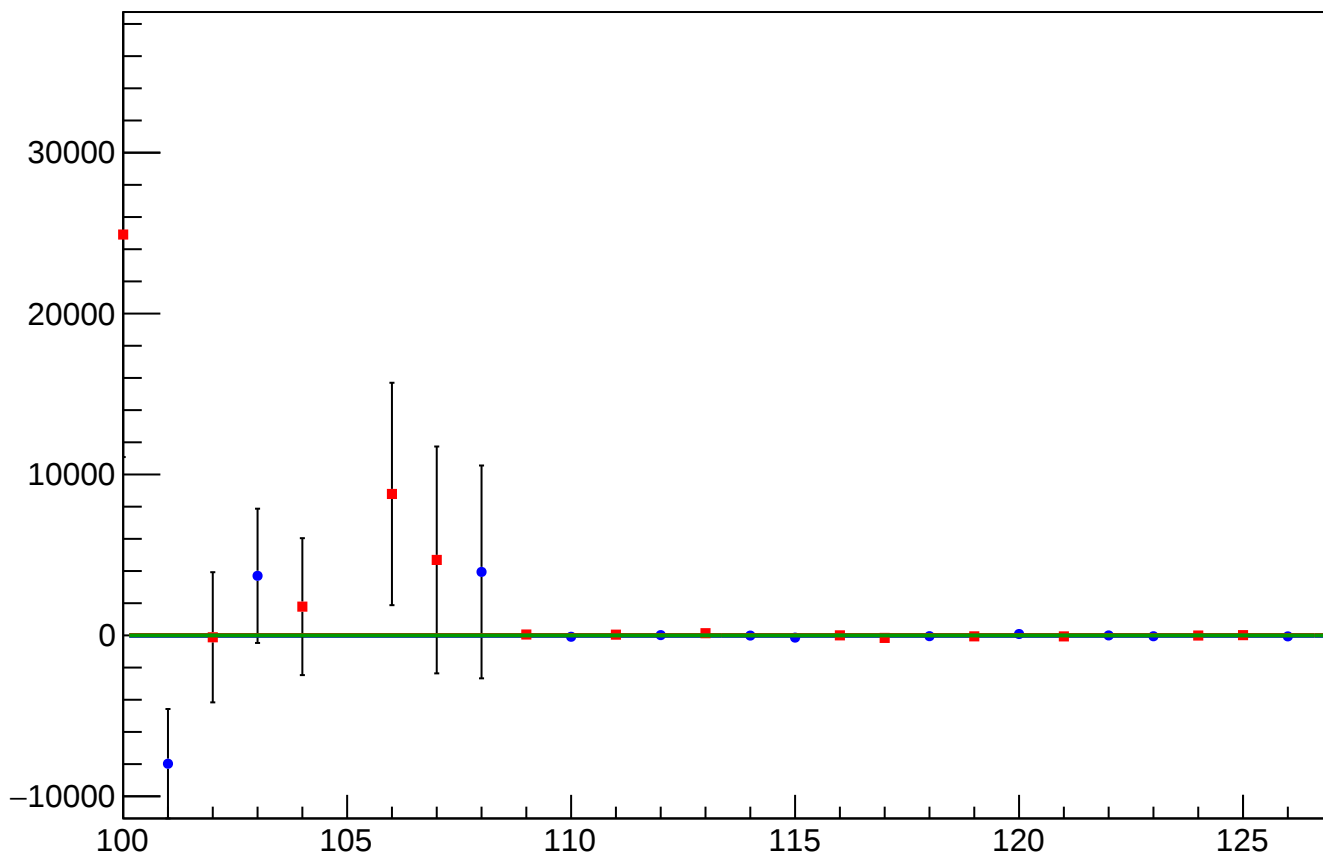
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

173.031+/-0.077 χ^2/NDF : 3254566.9/11

169.126+/-0.051 χ^2/NDF : 7221218.0/26

166.070+/-0.069 χ^2/NDF : 3962123.3/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -26.868 $\pm$ 20.473 χ^2 /NDF: 13.6/11

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

Right Out: 21.176 $\pm$ 18.650 χ^2 /NDF: 18.9/14

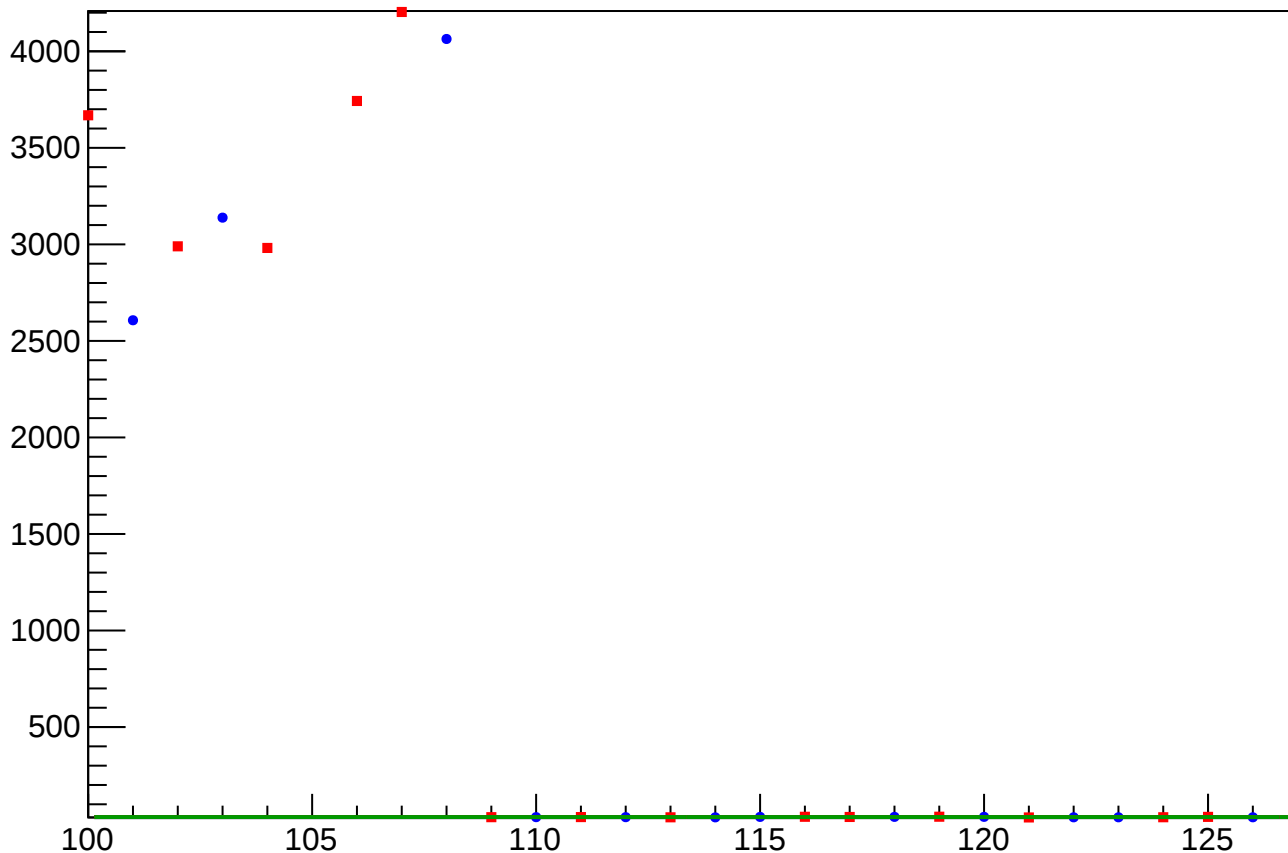
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-26.868 $\pm$ 20.473 χ^2 /NDF: 13.6/11

-0.612 $\pm$ 13.787 χ^2 /NDF: 35.5/26

21.176 $\pm$ 18.650 χ^2 /NDF: 18.9/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.680+/-0.014 χ^2/NDF : 2999270.2/11

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

Right Out: 33.841+/-0.013 χ^2/NDF : 3450724.4/14

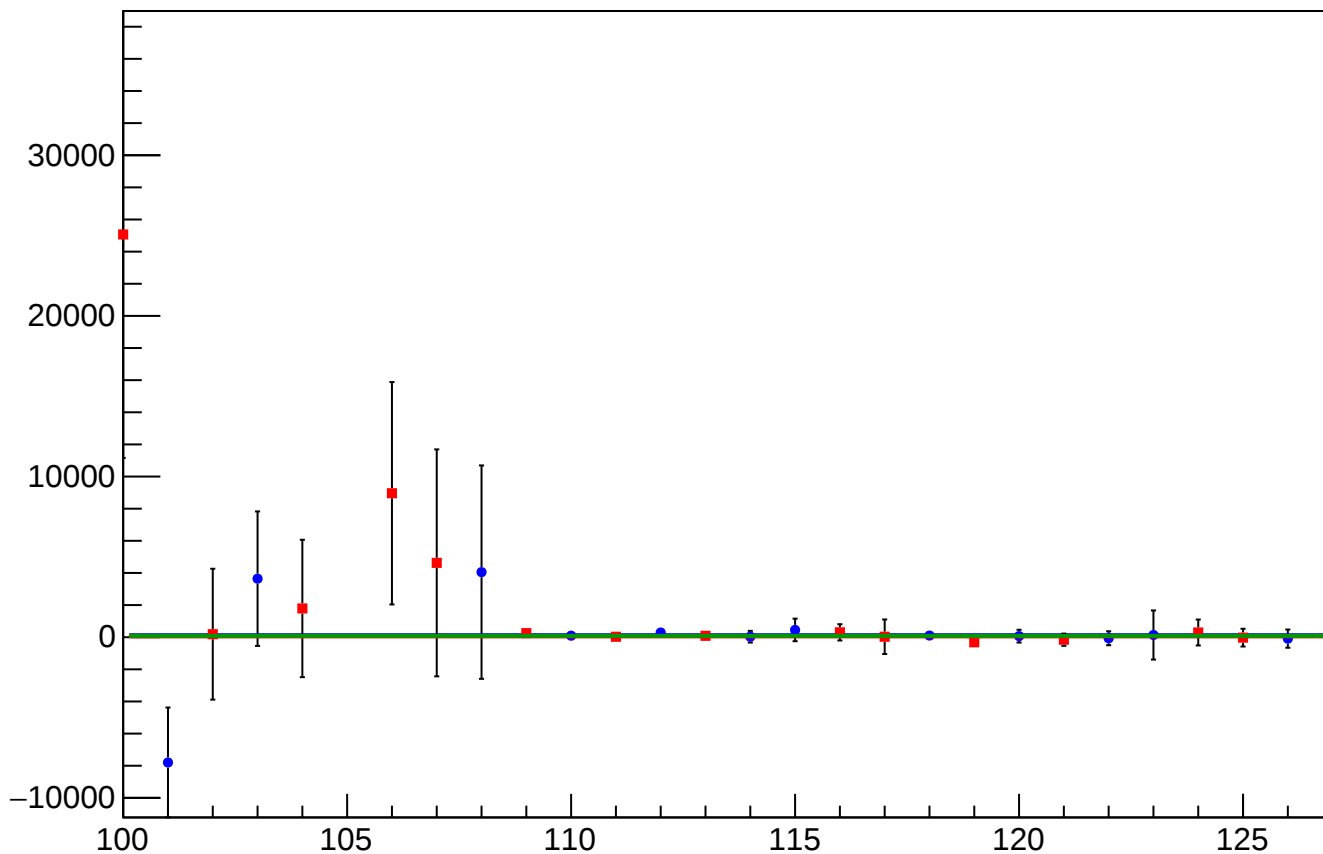
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.680+/-0.014 χ^2/NDF : 2999270.2/11

33.768+/-0.010 χ^2/NDF : 6450062.2/26

33.841+/-0.013 χ^2/NDF : 3450724.4/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 123.738+/-108.947 χ^2/NDF : 7.7/11

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

Right Out: 51.428+/-96.262 χ^2/NDF : 8.9/14

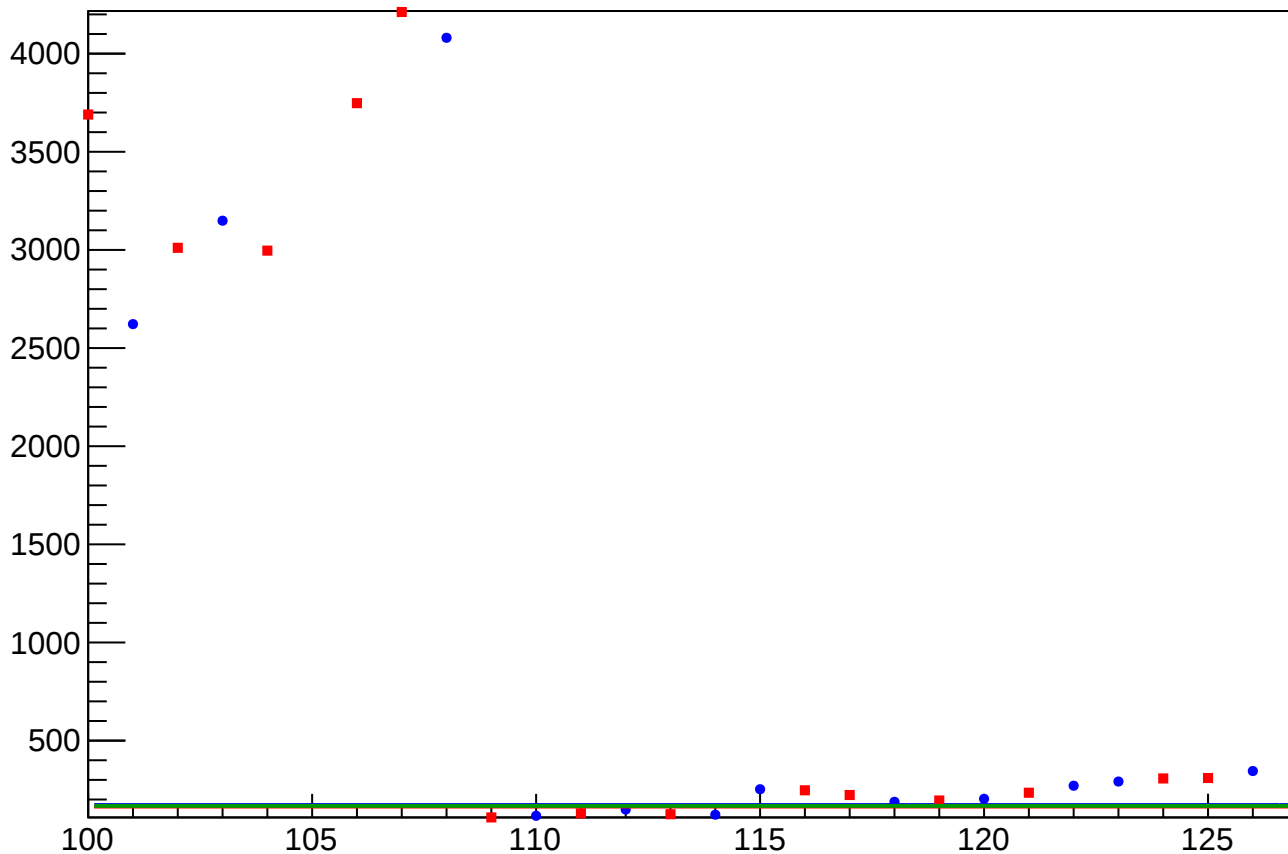
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.738+/-108.947 χ^2/NDF : 7.7/11

83.130+/-72.137 χ^2/NDF : 16.8/26

51.428+/-96.262 χ^2/NDF : 8.9/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.612 $\pm$ 0.077 χ^2 /NDF: 3284137.7/11

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

Right Out: 164.347 $\pm$ 0.068 χ^2 /NDF: 4001576.9/14

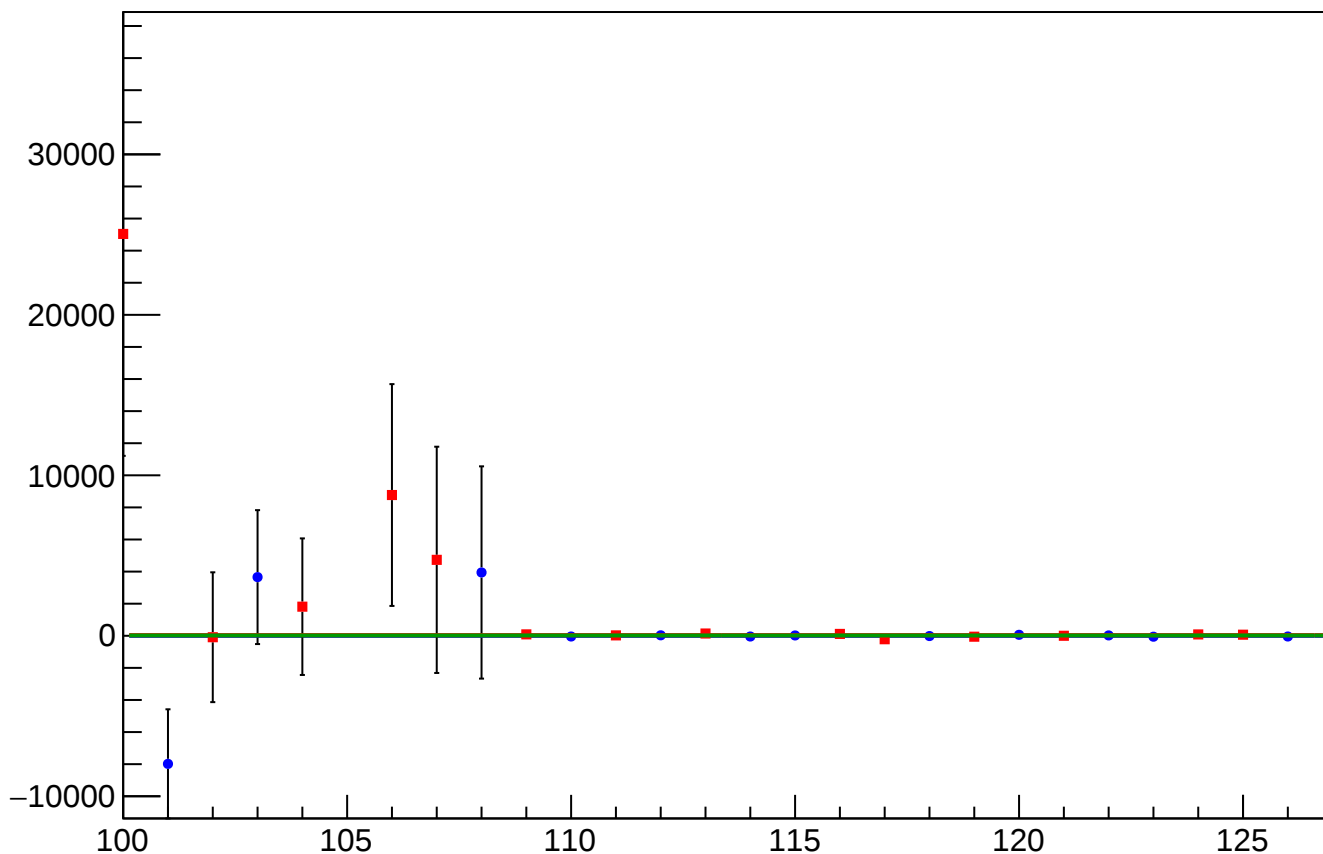
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

171.612 $\pm$ 0.077 χ^2 /NDF: 3284137.7/11

167.532 $\pm$ 0.051 χ^2 /NDF: 7290708.6/26

164.347 $\pm$ 0.068 χ^2 /NDF: 4001576.9/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.275+/-18.729 χ^2/NDF : 10.4/11

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

Right Out: 40.096+/-17.137 χ^2/NDF : 21.9/14

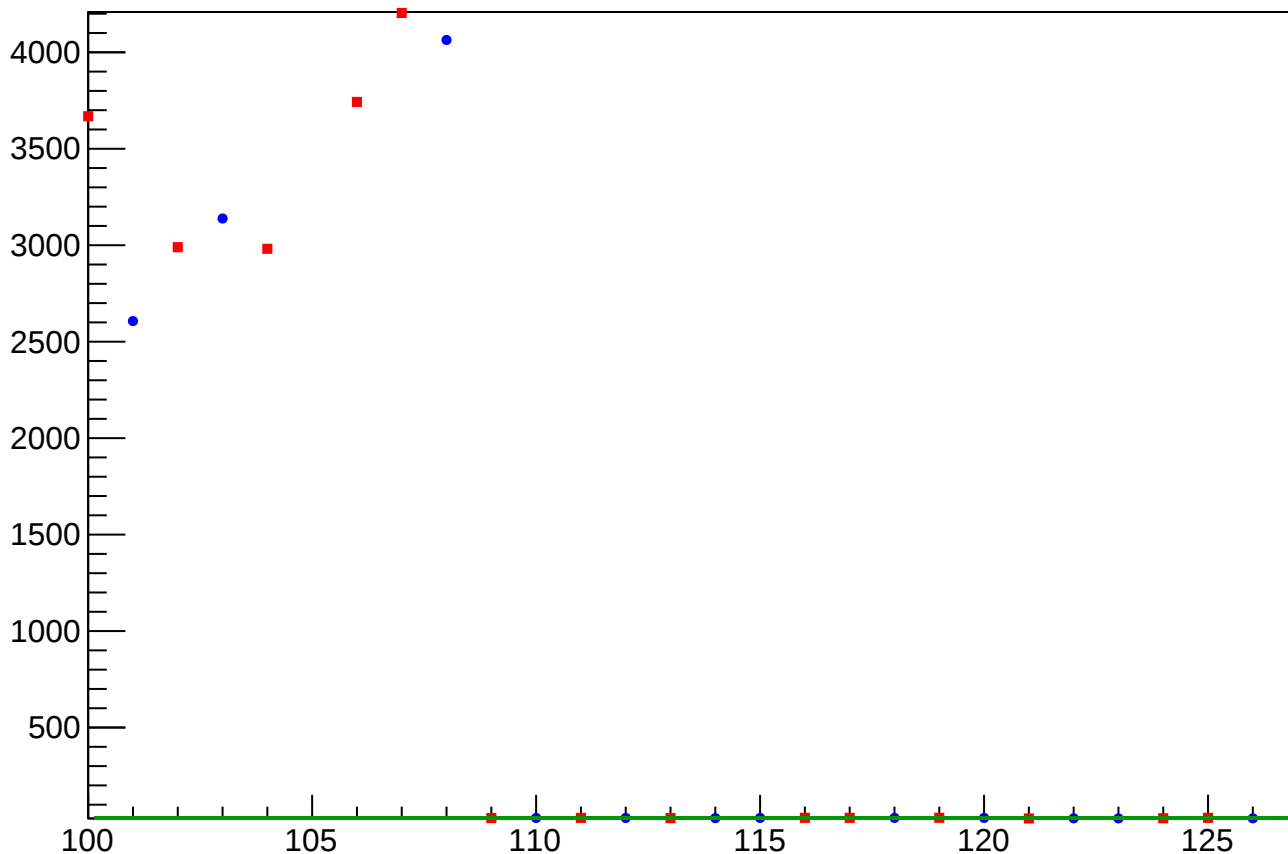
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.275+/-18.729 χ^2/NDF : 10.4/11

20.332+/-12.643 χ^2/NDF : 35.2/26

40.096+/-17.137 χ^2/NDF : 21.9/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.835+/-0.013 χ^2/NDF : 3006271.6/11

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

Right Out: 31.077+/-0.012 χ^2/NDF : 3456069.8/14

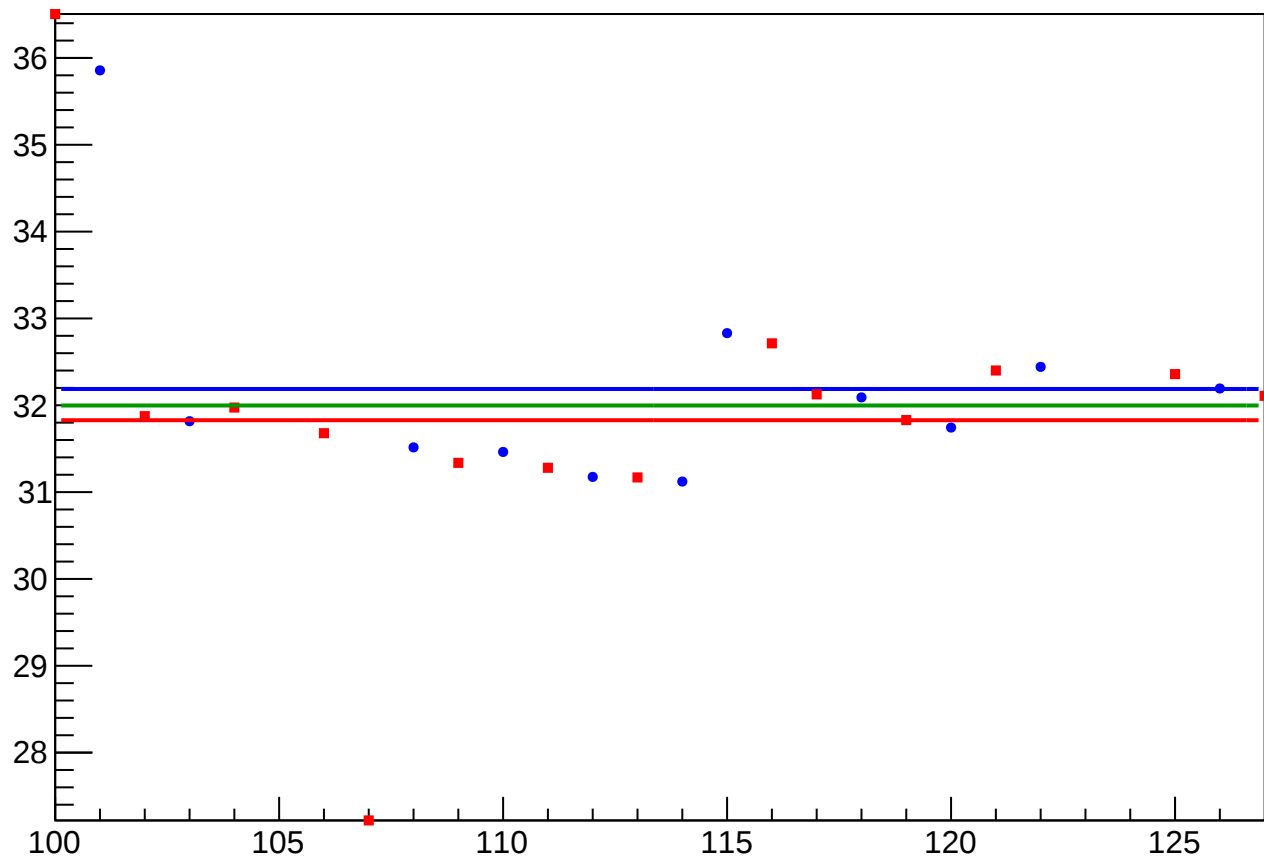
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.835+/-0.013 χ^2/NDF : 3006271.6/11

30.967+/-0.009 χ^2/NDF : 6462523.0/26

31.077+/-0.012 χ^2/NDF : 3456069.8/14

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.188+/-0.000 χ^2 /NDF: 987377212.8/10

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

Right Out: 31.828+/-0.000 χ^2 /NDF: 596907025.9/13

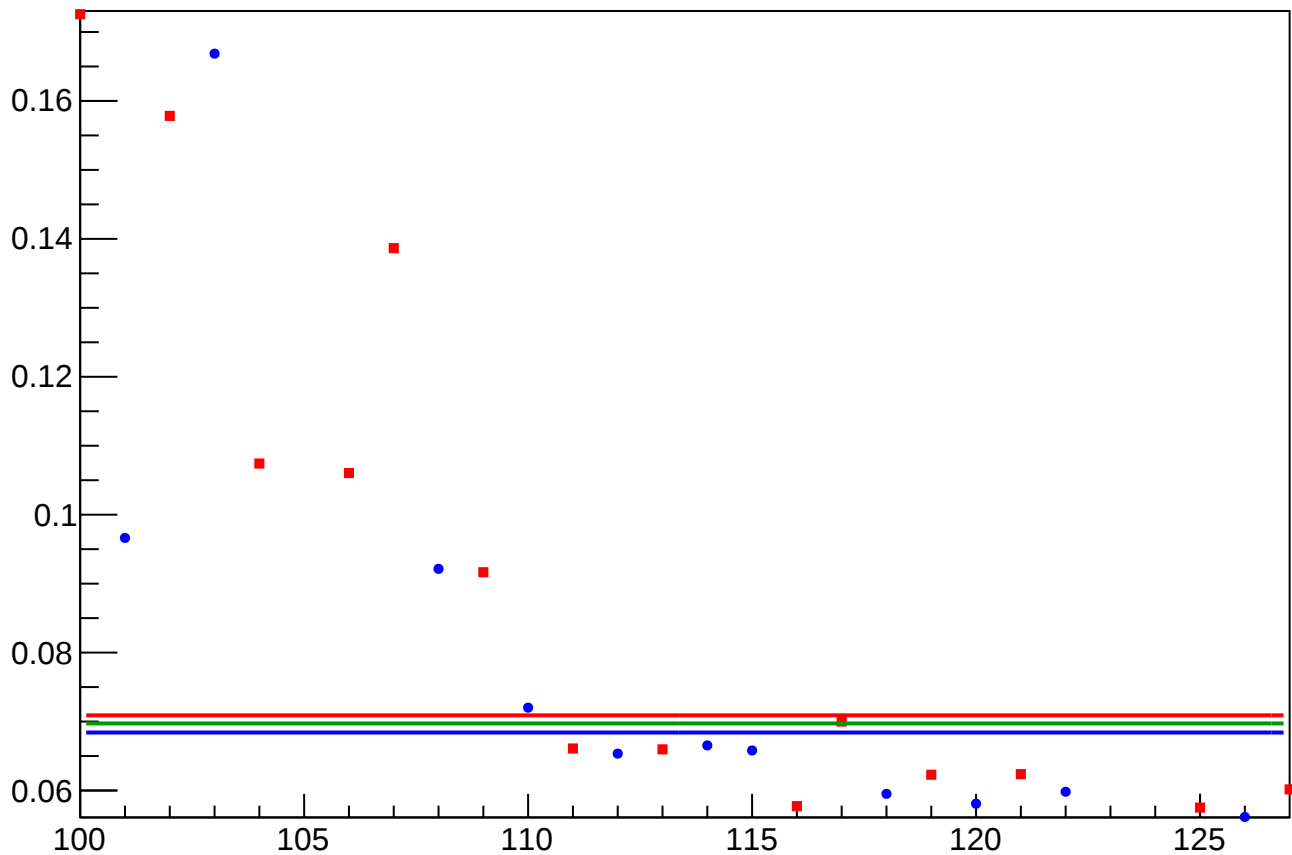
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.188+/-0.000 χ^2 /NDF: 987377212.8/10

31.998+/-0.000 χ^2 /NDF: 1635912915.5/2

31.828+/-0.000 χ^2 /NDF: 596907025.9/13

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 604534.7/10

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

Right Out: 0.071+/-0.000 χ^2/NDF : 819794.8/13

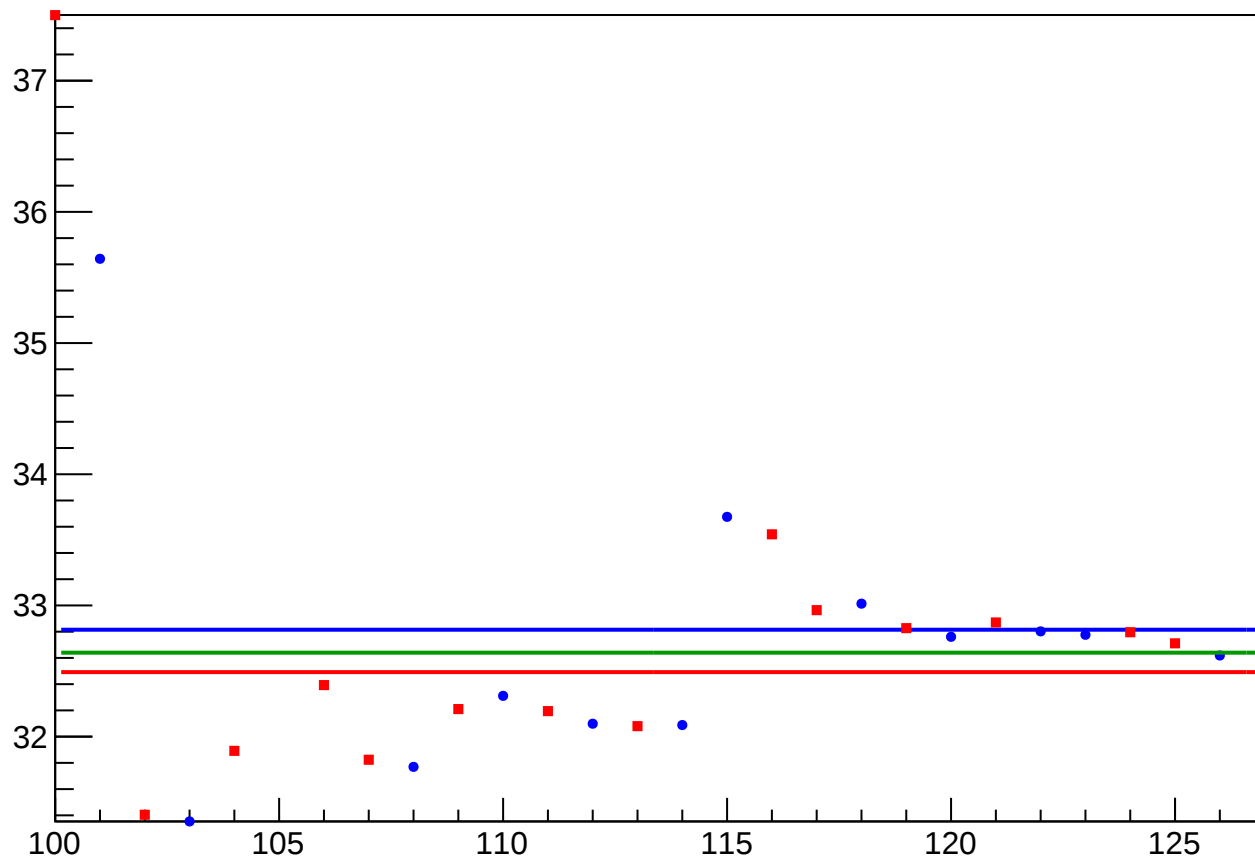
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.068+/-0.000 χ^2/NDF : 604534.7/10

0.070+/-0.000 χ^2/NDF : 1429297.4/24

0.071+/-0.000 χ^2/NDF : 819794.8/13

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.815 +/- 0.000 χ^2/NDF : 457629219.0/11

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

Right Out: 32.492 +/- 0.000 χ^2/NDF : 158842132.8/14

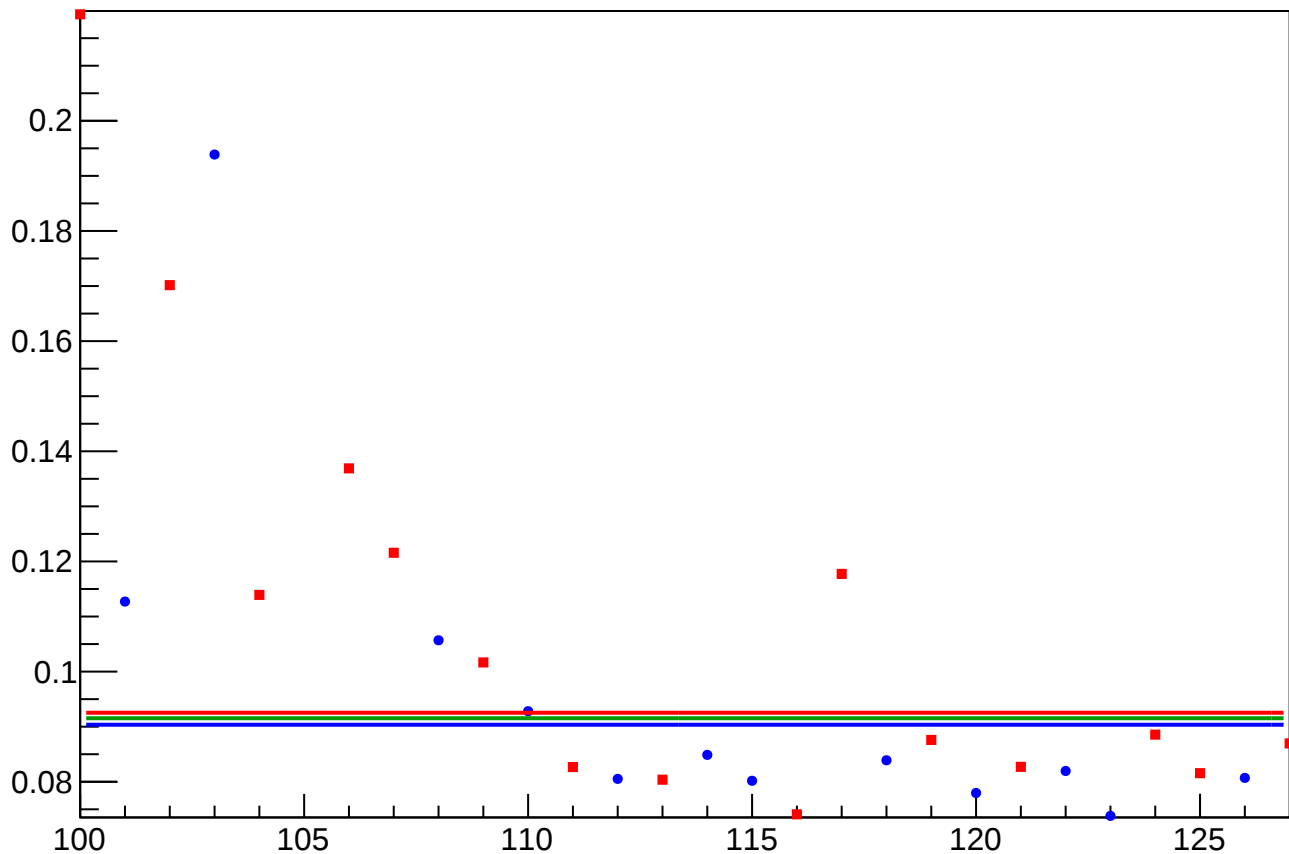
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

32.815 +/- 0.000 χ^2/NDF : 457629219.0/11

32.640 +/- 0.000 χ^2/NDF : 641563860.8/26

32.492 +/- 0.000 χ^2/NDF : 158842132.8/14

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 424828.9/11

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

Right Out: 0.093+/-0.000 χ^2/NDF : 463416.4/14

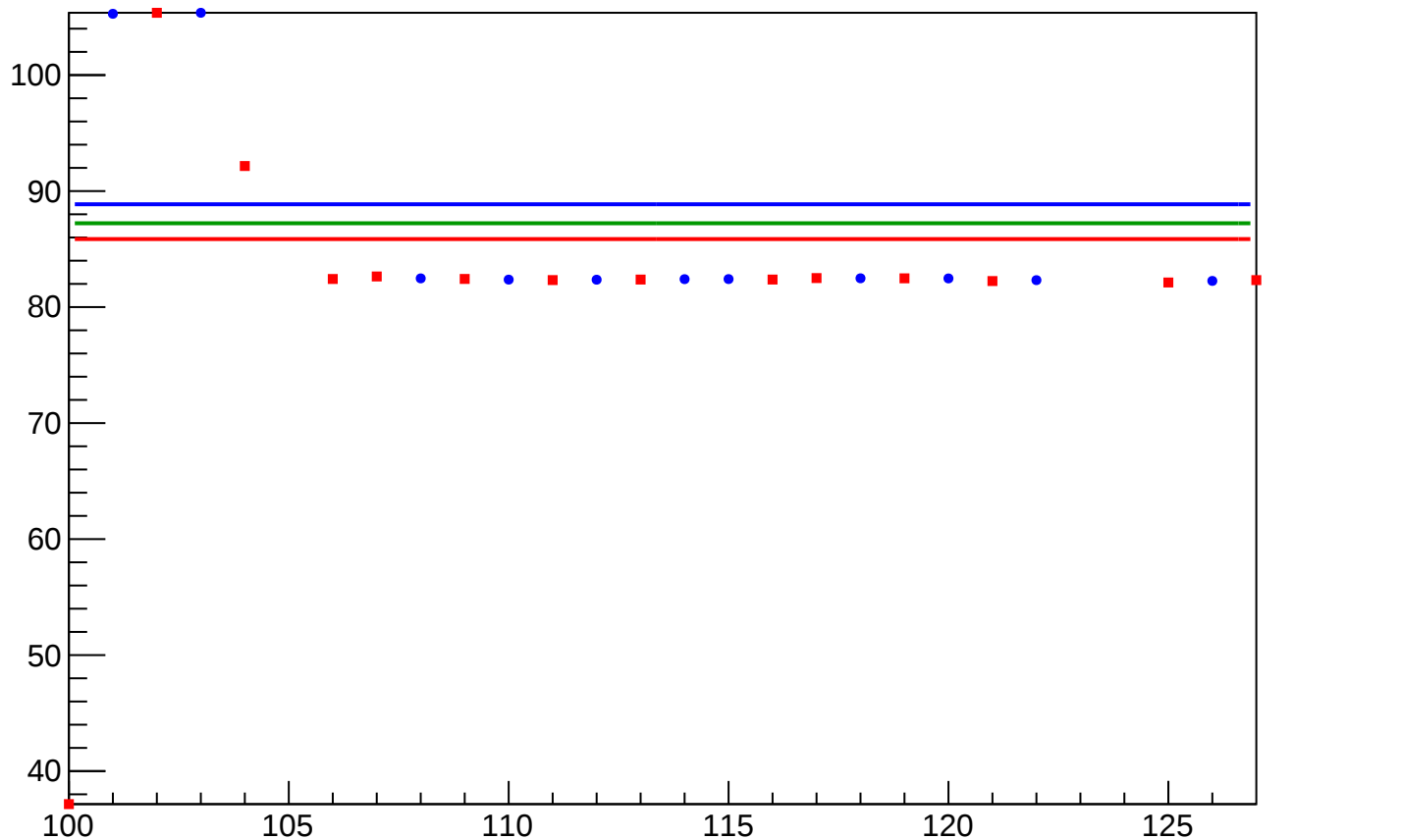
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.090+/-0.000 χ^2/NDF : 424828.9/11

0.092+/-0.000 χ^2/NDF : 890522.6/26

0.093+/-0.000 χ^2/NDF : 463416.4/14

yield_dsl_mean vs Slug, Sign Corrected



Right In: 88.863+/-0.000 χ^2/NDF : 253850017967.3/10

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

Right Out: 85.864+/-0.000 χ^2/NDF : 162595838184.1/13

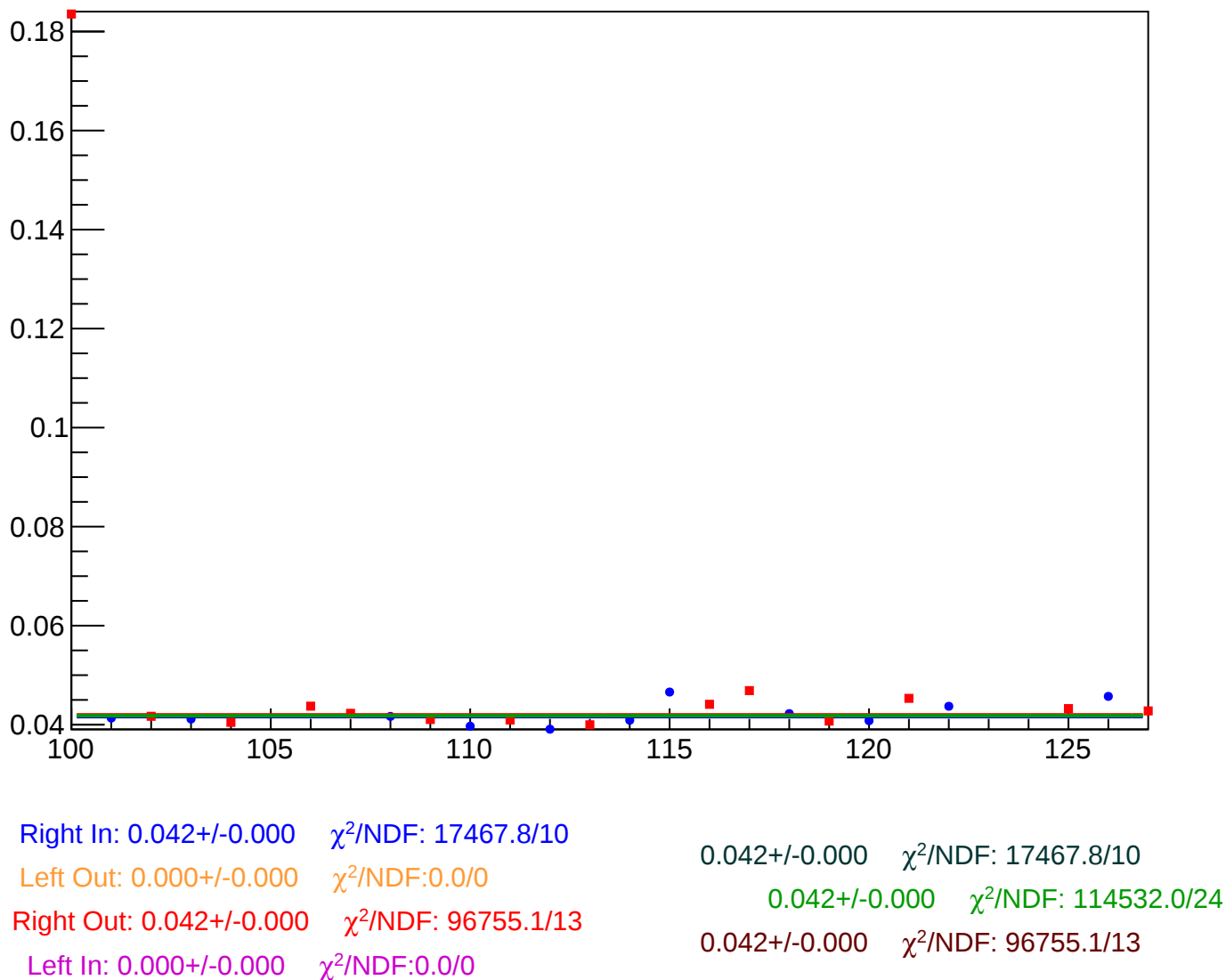
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.863+/-0.000 χ^2/NDF : 253850017967.3/10

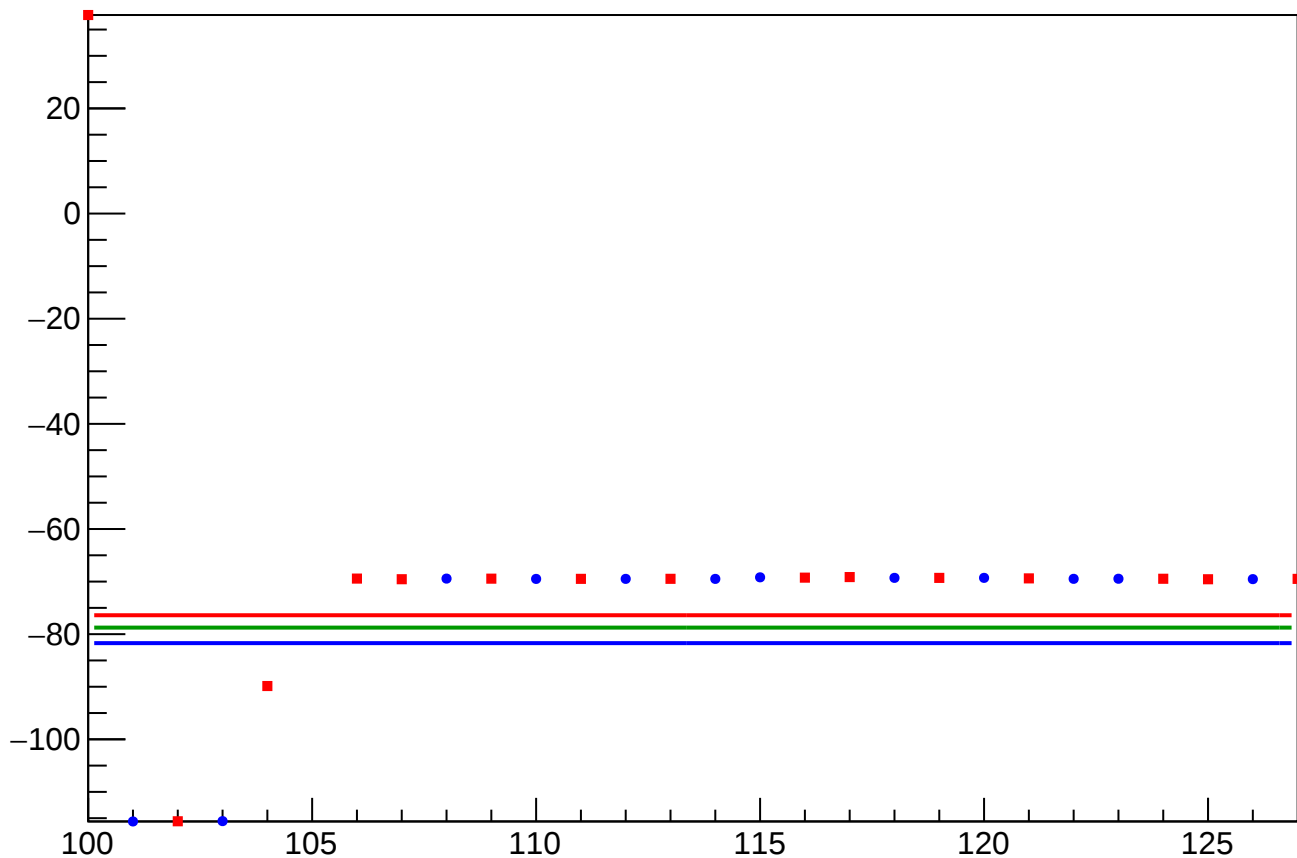
87.226+/-0.000 χ^2/NDF : 428144784901.9

85.864+/-0.000 χ^2/NDF : 162595838184.1/13

yield_dsl_rms vs Slug, Sign Corrected



yield_dsr_mean vs Slug, Sign Corrected



Right In: -81.706+/-0.000 χ^2 /NDF: 497284964346.8/11

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

Right Out: -76.401+/-0.000 χ^2 /NDF: 352424556254.5/14

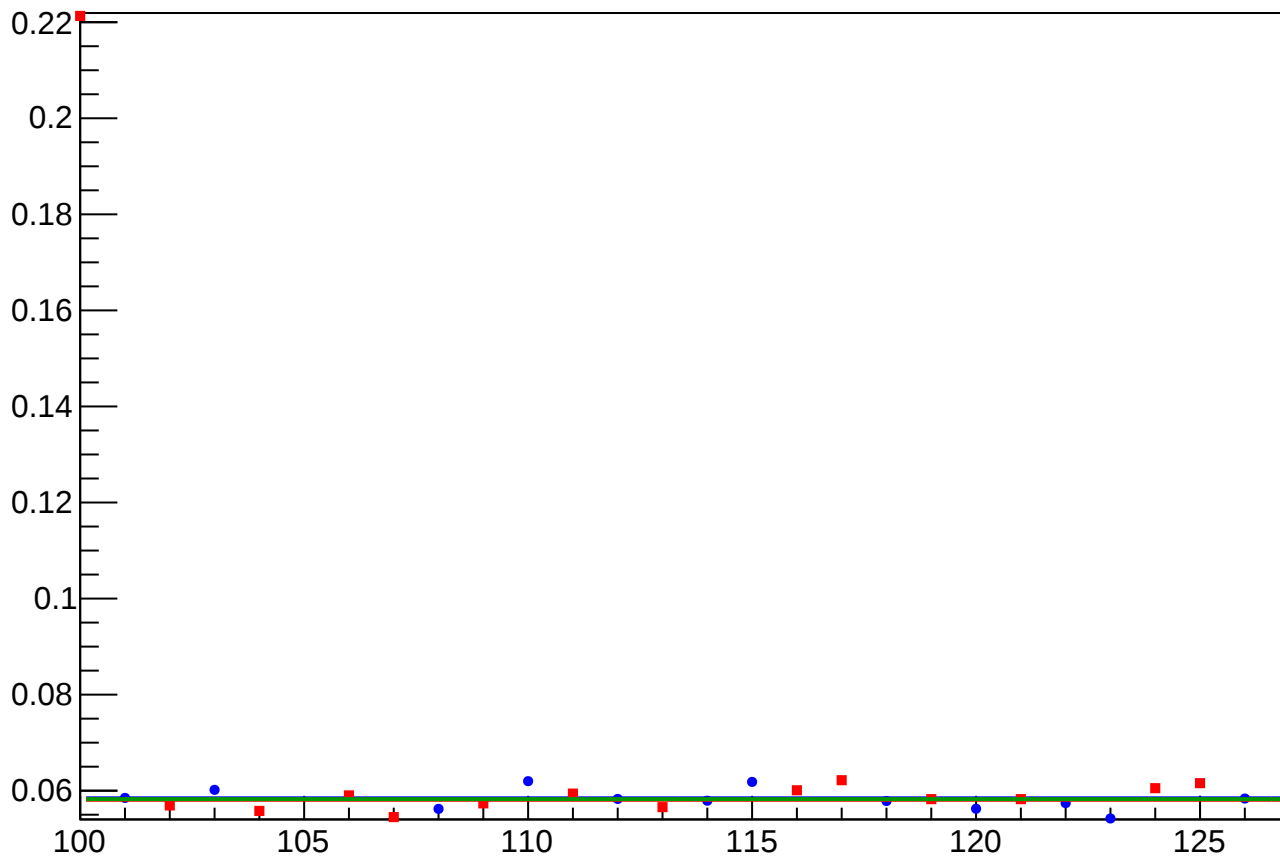
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-81.706+/-0.000 χ^2 /NDF: 497284964346.8/11

-78.752+/-0.000 χ^2 /NDF: 868425852033

-76.401+/-0.000 χ^2 /NDF: 352424556254.5/14

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 6646.1/11

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

Right Out: 0.058+/-0.000 χ^2/NDF : 84164.4/14

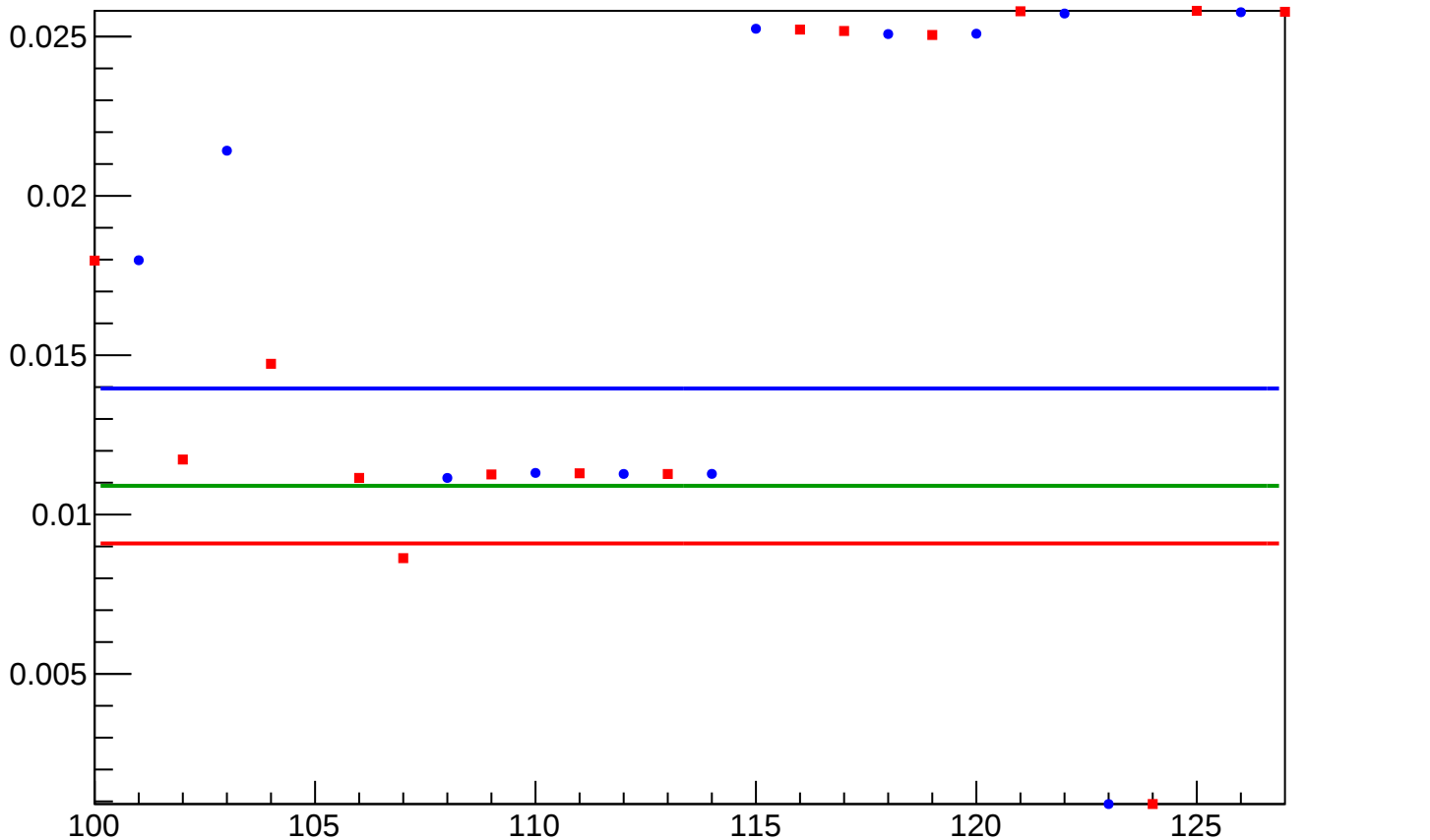
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 6646.1/11

0.058+/-0.000 χ^2/NDF : 90926.0/26

0.058+/-0.000 χ^2/NDF : 84164.4/14

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 87343304478.0/11

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

0.014+/-0.000 χ^2/NDF : 87343304478.0/11

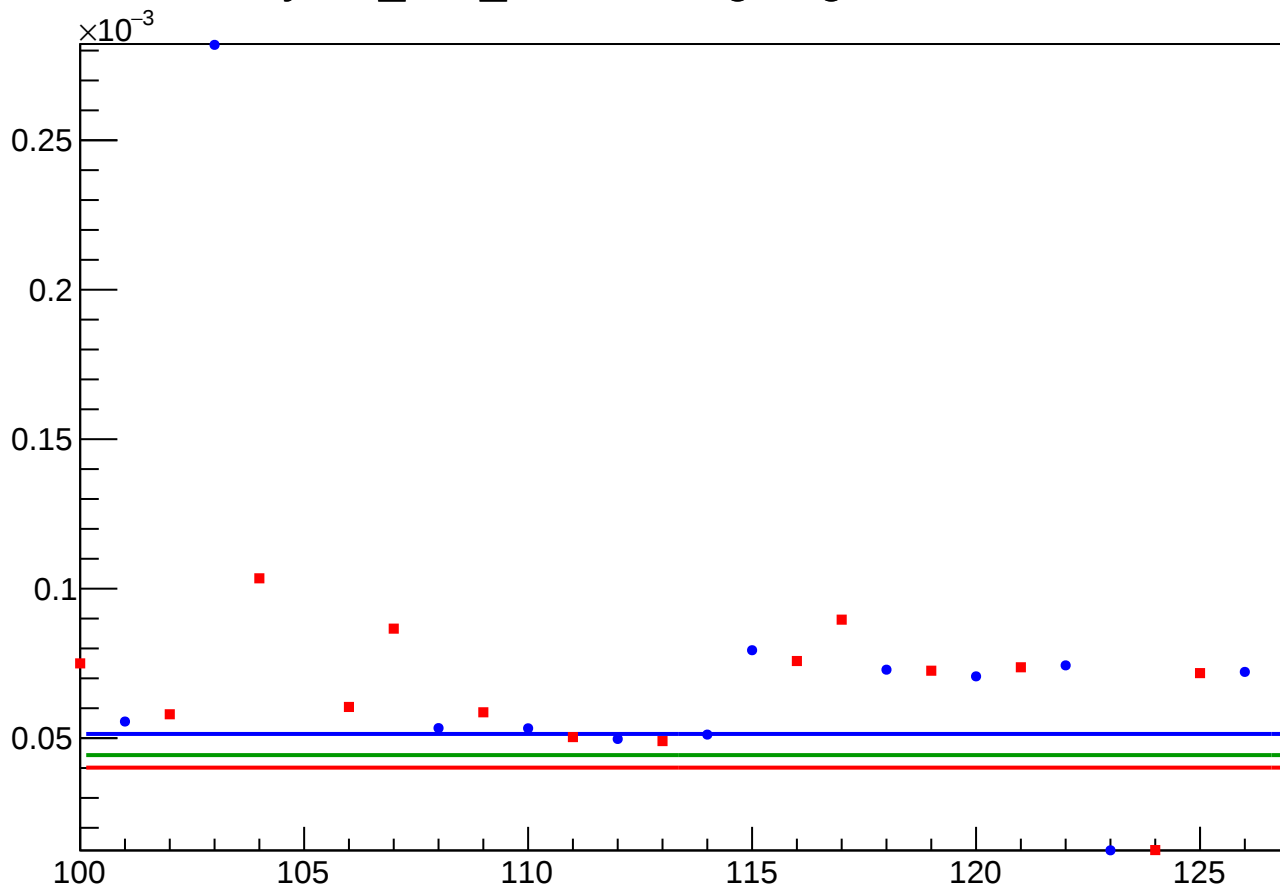
0.011+/-0.000 χ^2/NDF : 268559031279.9/14

Right Out: 0.009+/-0.000 χ^2/NDF : 163150417209.2/14

0.009+/-0.000 χ^2/NDF : 163150417209.2/14

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 : 1698547.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2958550.4/14

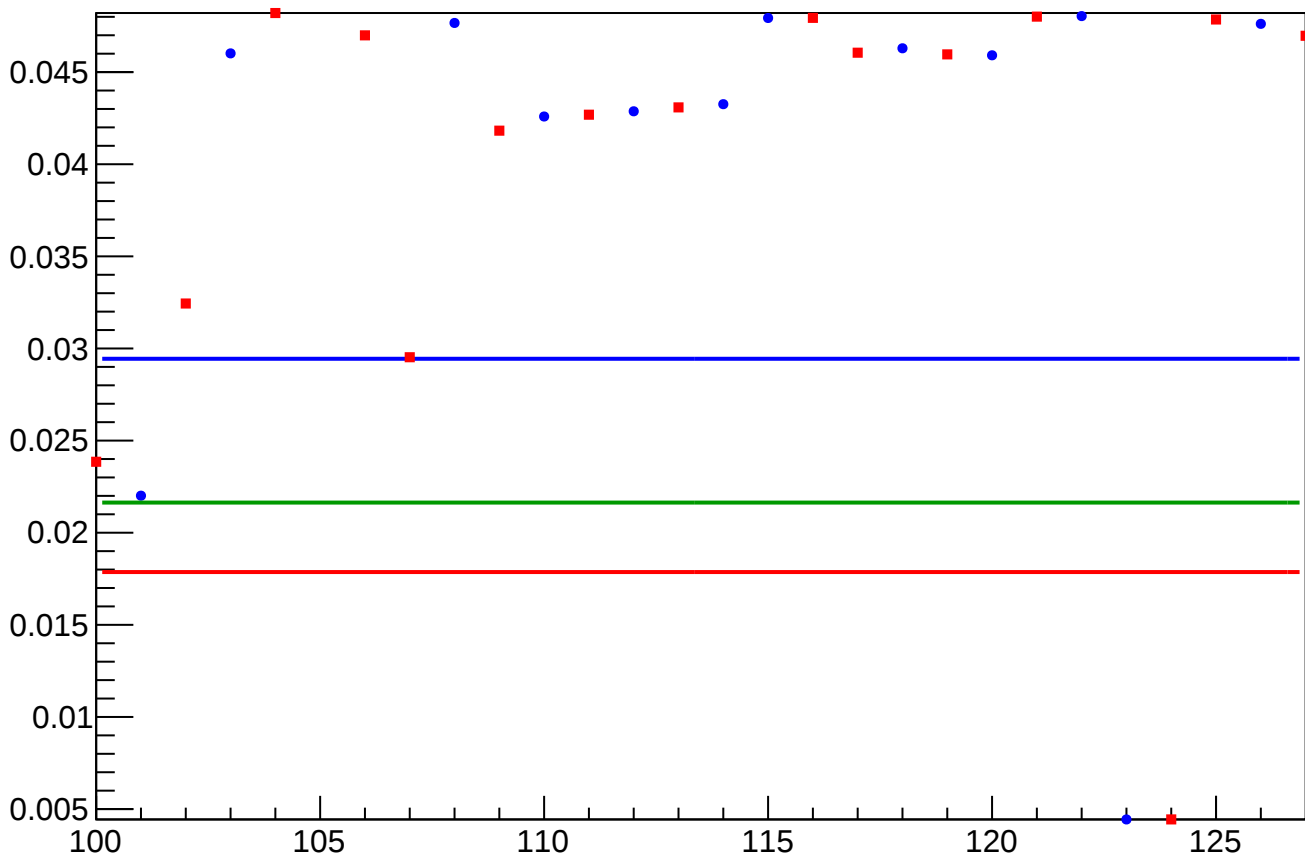
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1698547.5/11

0.000+/-0.000 χ^2/NDF : 4850905.4/26

0.000+/-0.000 χ^2/NDF : 2958550.4/14

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 17409481889.4/11

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

Right Out: 0.018+/-0.000 χ^2/NDF : 34977459549.1/14

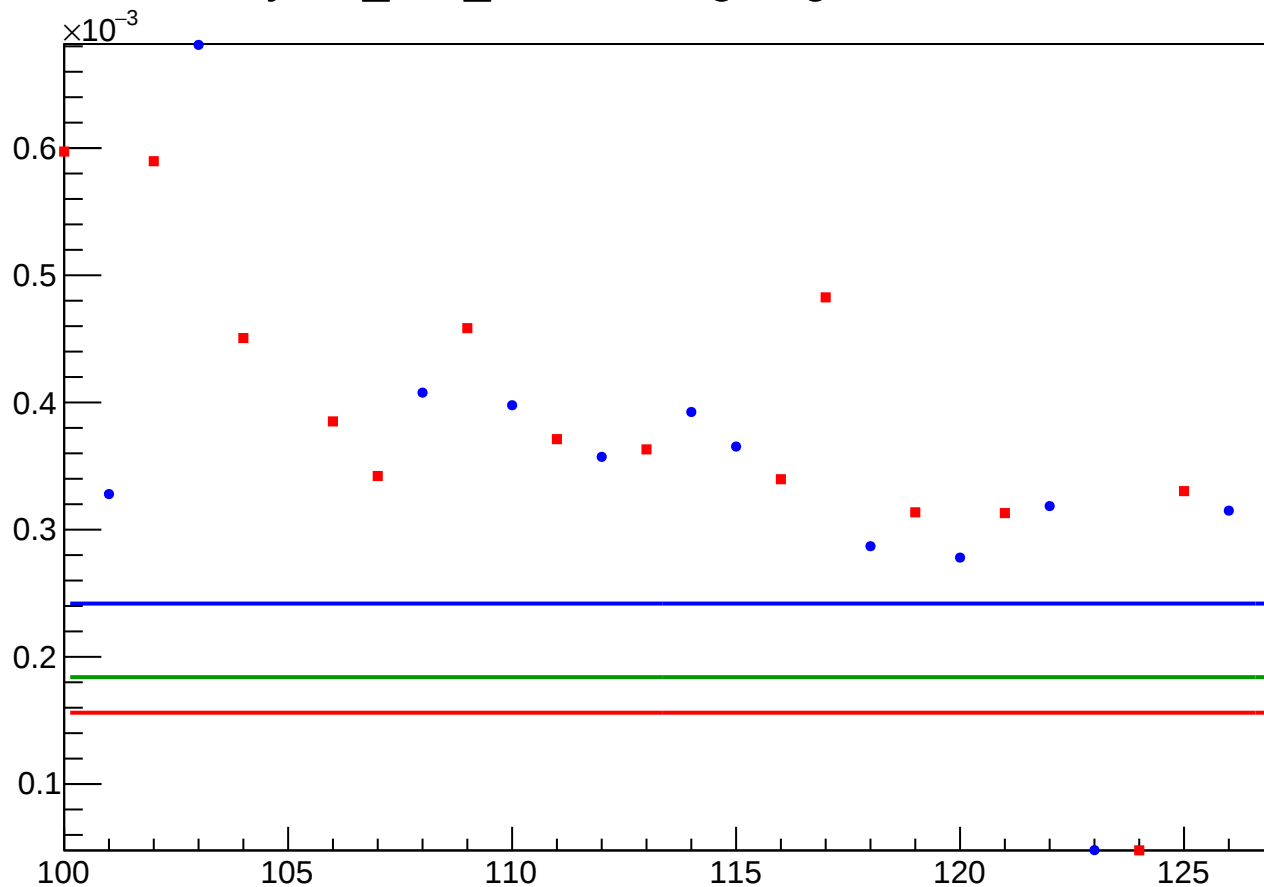
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 17409481889.4/11

0.022+/-0.000 χ^2/NDF : 56620685292.8/2

0.018+/-0.000 χ^2/NDF : 34977459549.1/14

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2156160.7/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4702795.0/14

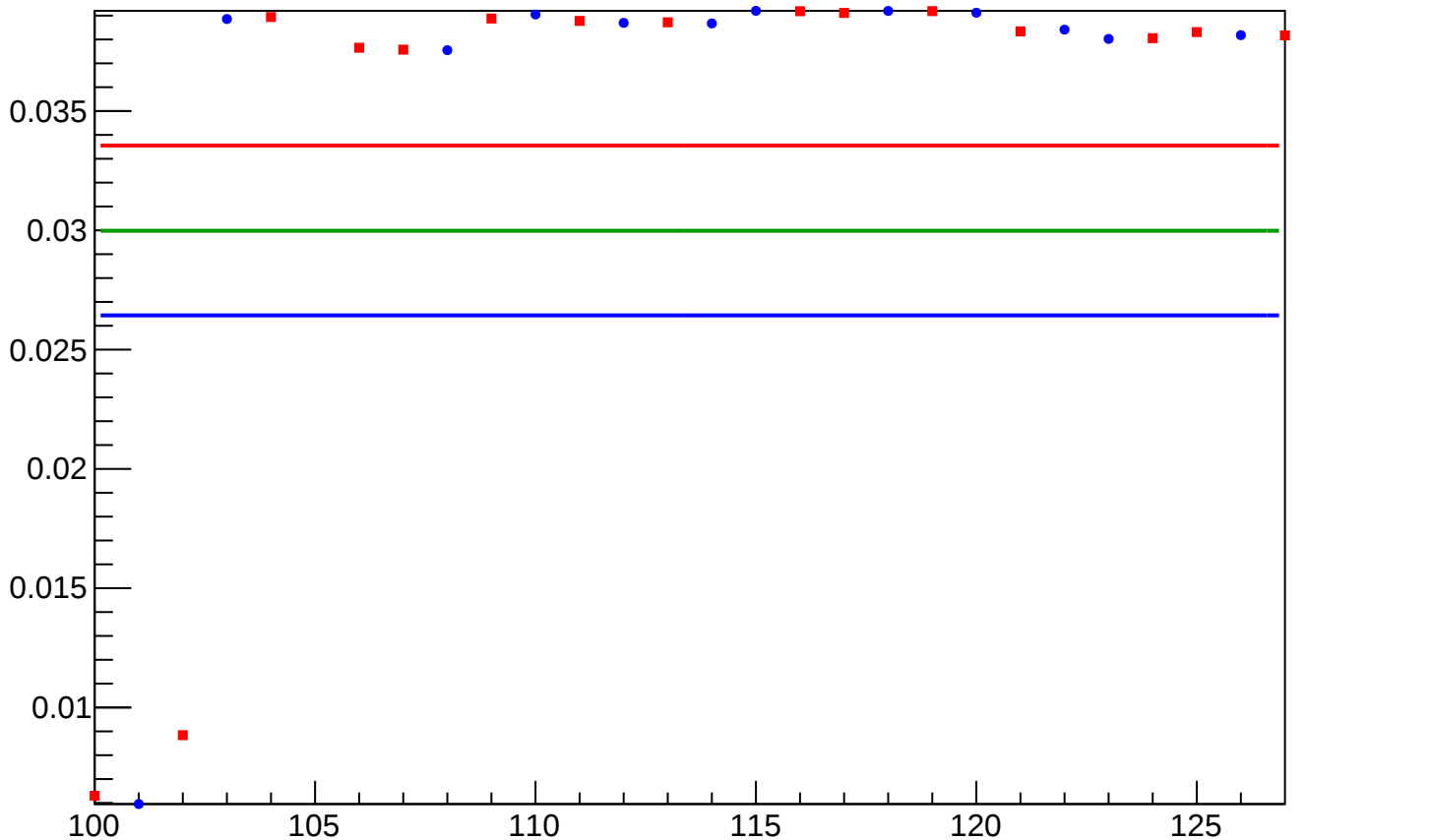
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2156160.7/11

0.000+/-0.000 χ^2/NDF : 7324279.2/26

0.000+/-0.000 χ^2/NDF : 4702795.0/14

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 83948329154.4/11

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

Right Out: 0.034+/-0.000 χ^2/NDF : 42092729625.0/14

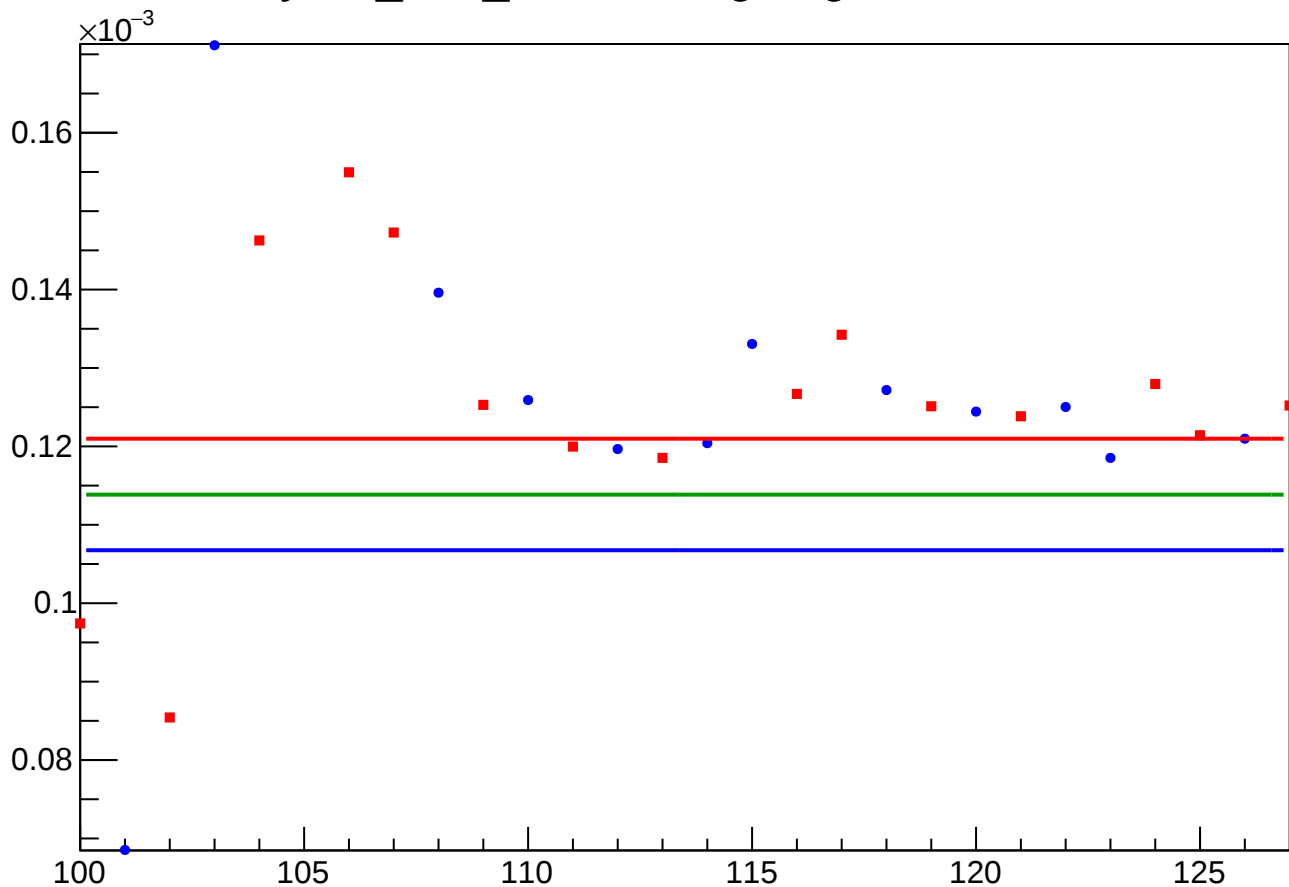
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.000 χ^2/NDF : 83948329154.4/11

0.030+/-0.000 χ^2/NDF : 134502770302.2/11

0.034+/-0.000 χ^2/NDF : 42092729625.0/14

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 670061.1/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 214000.5/14

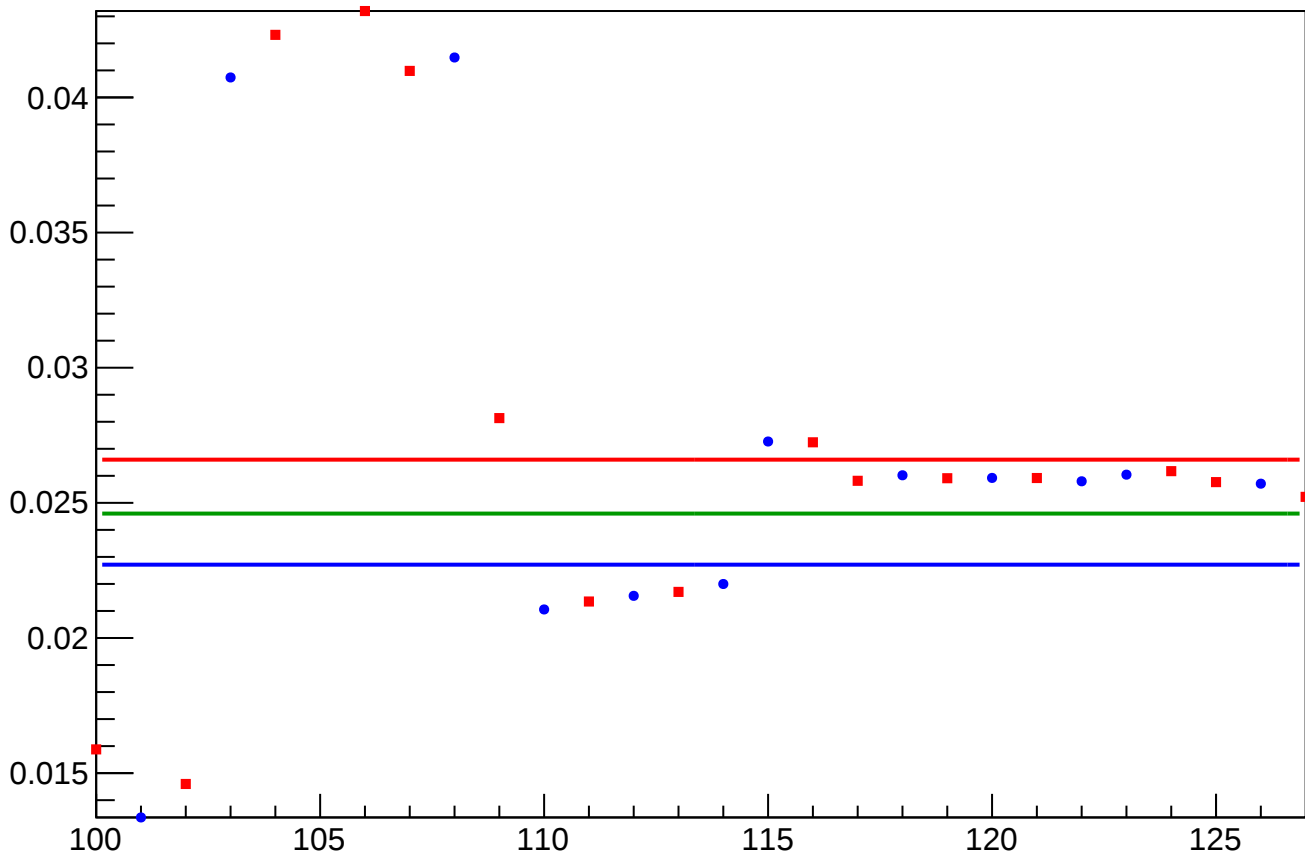
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 670061.1/11

0.000+/-0.000 χ^2/NDF : 951617.6/26

0.000+/-0.000 χ^2/NDF : 214000.5/14

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 3324365517.4/11

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2899278914.2/14

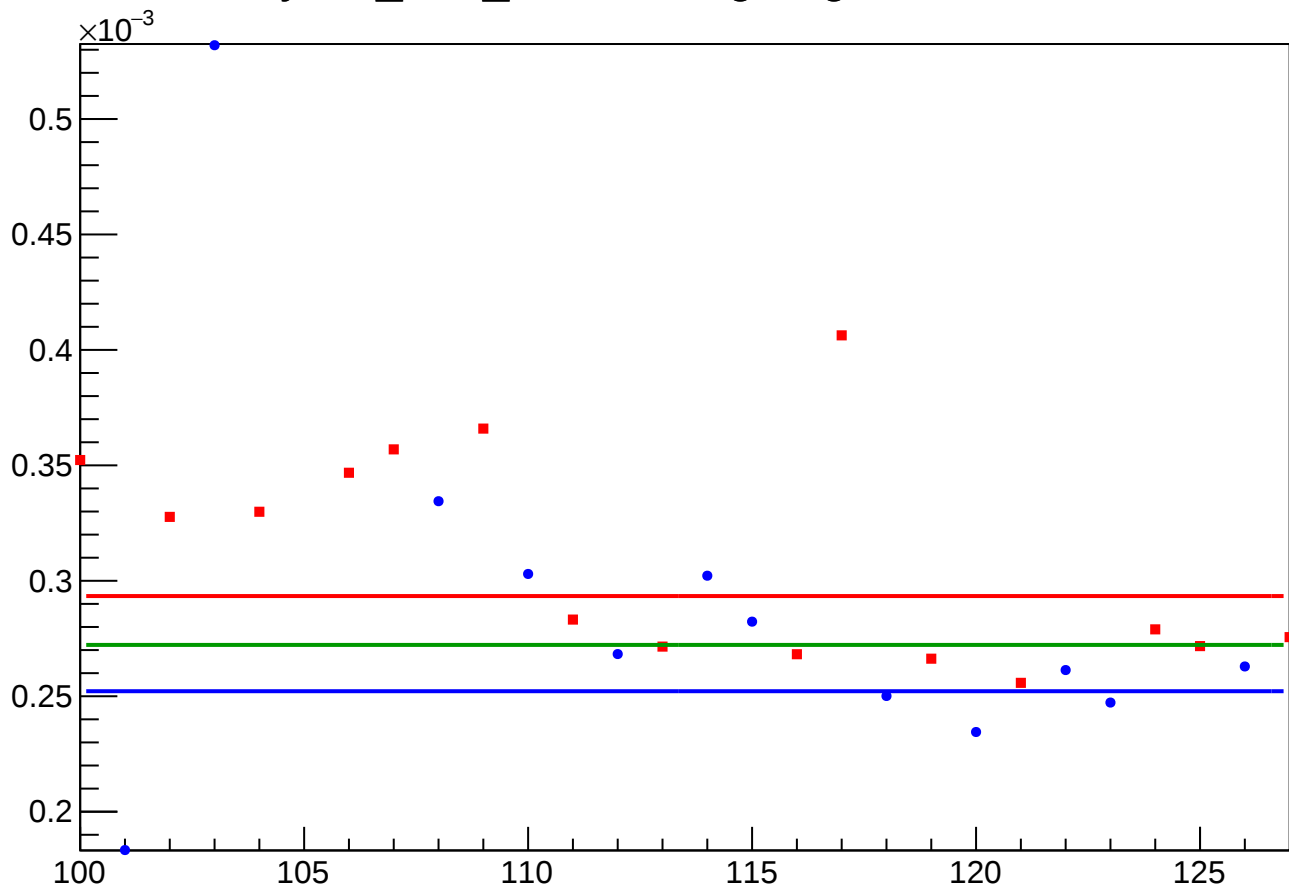
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 3324365517.4/11

0.025+/-0.000 χ^2/NDF : 6636562269.3/26

0.027+/-0.000 χ^2/NDF : 2899278914.2/14

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 513160.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 138437.8/14

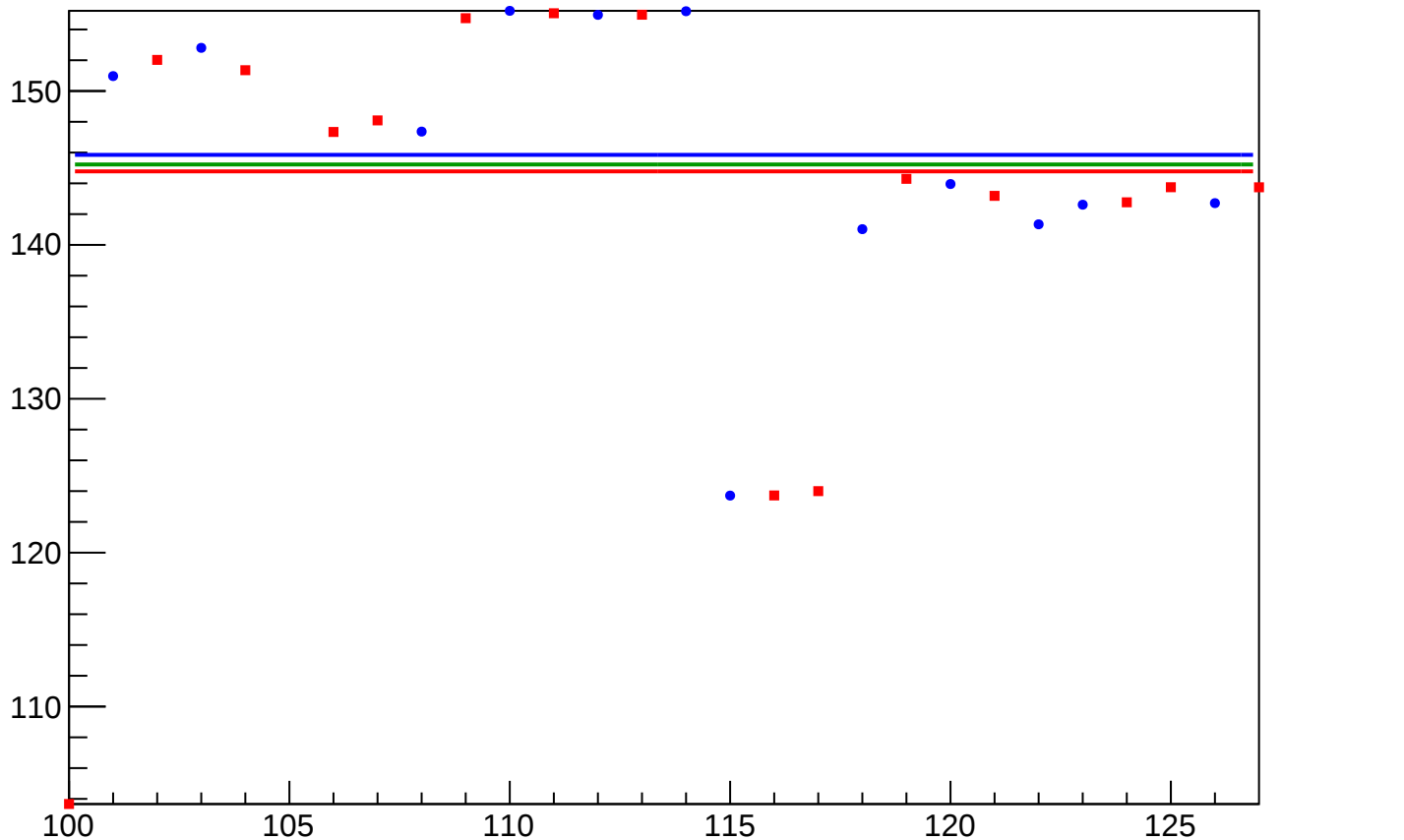
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 513160.5/11

0.000+/-0.000 χ^2/NDF : 744498.2/26

0.000+/-0.000 χ^2/NDF : 138437.8/14

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 145.851+/-0.000 χ^2/NDF : 2003795837.8/11

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

Right Out: 144.779+/-0.000 χ^2/NDF : 4257810083.2/14

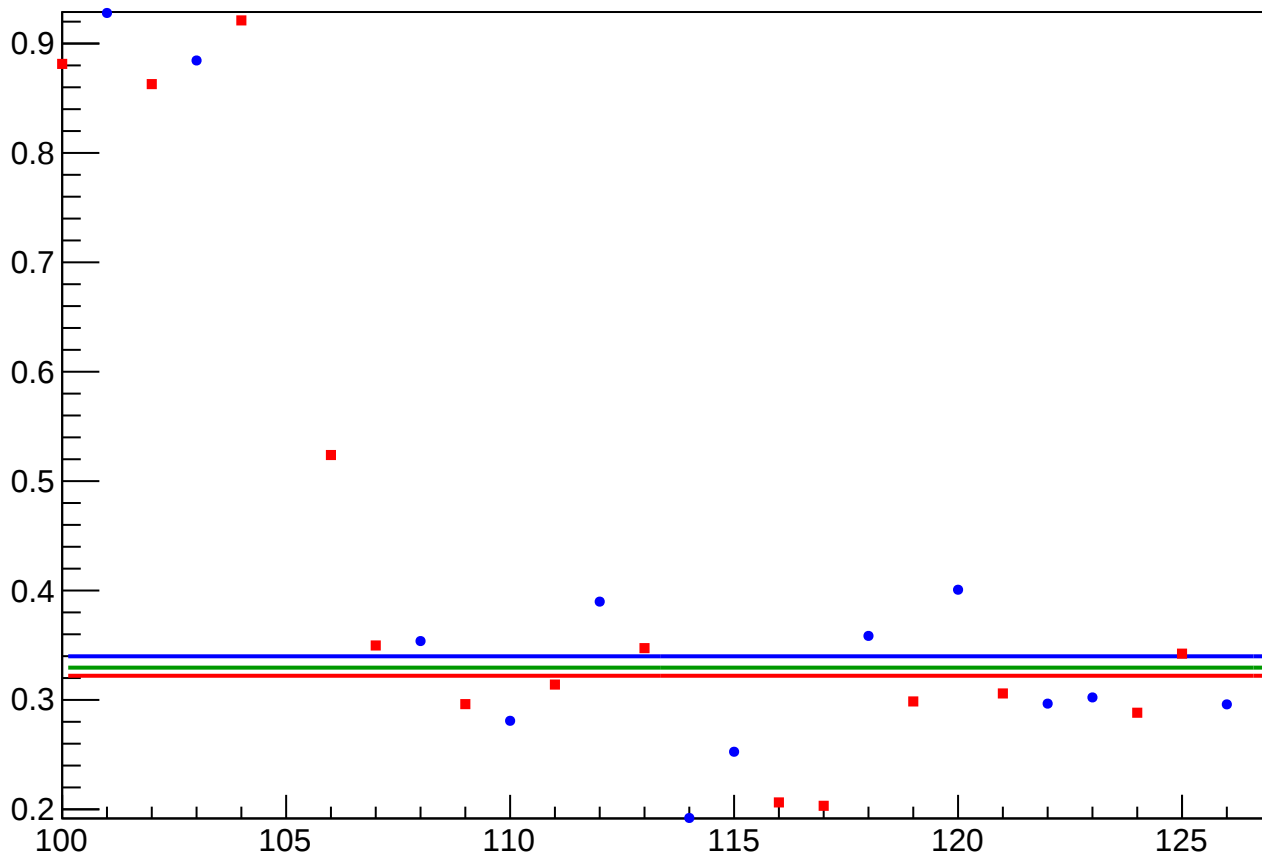
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.851+/-0.000 χ^2/NDF : 2003795837.8/11

145.227+/-0.000 χ^2/NDF : 6280906475.5/11

144.779+/-0.000 χ^2/NDF : 4257810083.2/14

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.340+/-0.000 χ^2/NDF : 1107454.3/11

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

Right Out: 0.322+/-0.000 χ^2/NDF : 1144596.4/14

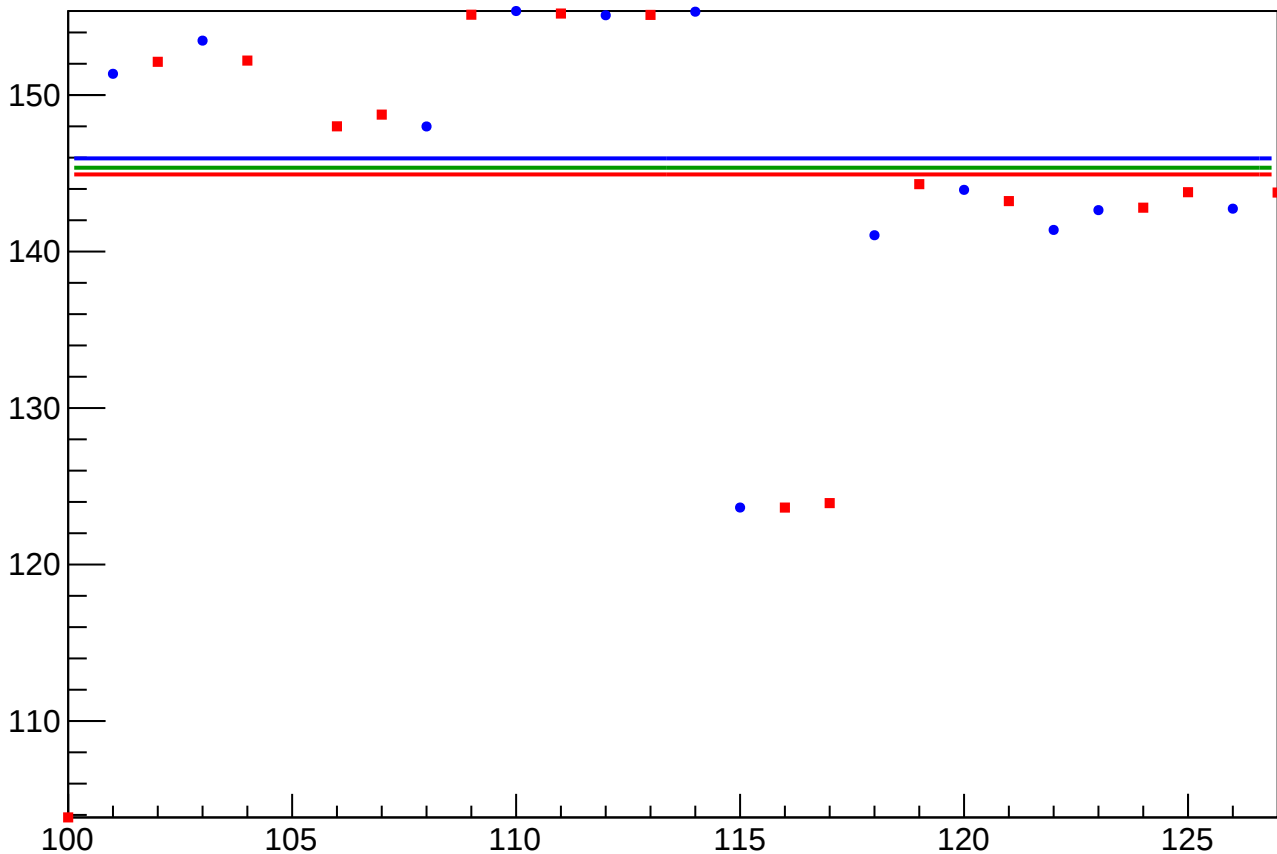
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.340+/-0.000 χ^2/NDF : 1107454.3/11

0.330+/-0.000 χ^2/NDF : 2262673.6/26

0.322+/-0.000 χ^2/NDF : 1144596.4/14

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 145.954+/-0.000 χ^2/NDF : 2020020396.6/11

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

Right Out: 144.928+/-0.000 χ^2/NDF : 4272754636.6/14

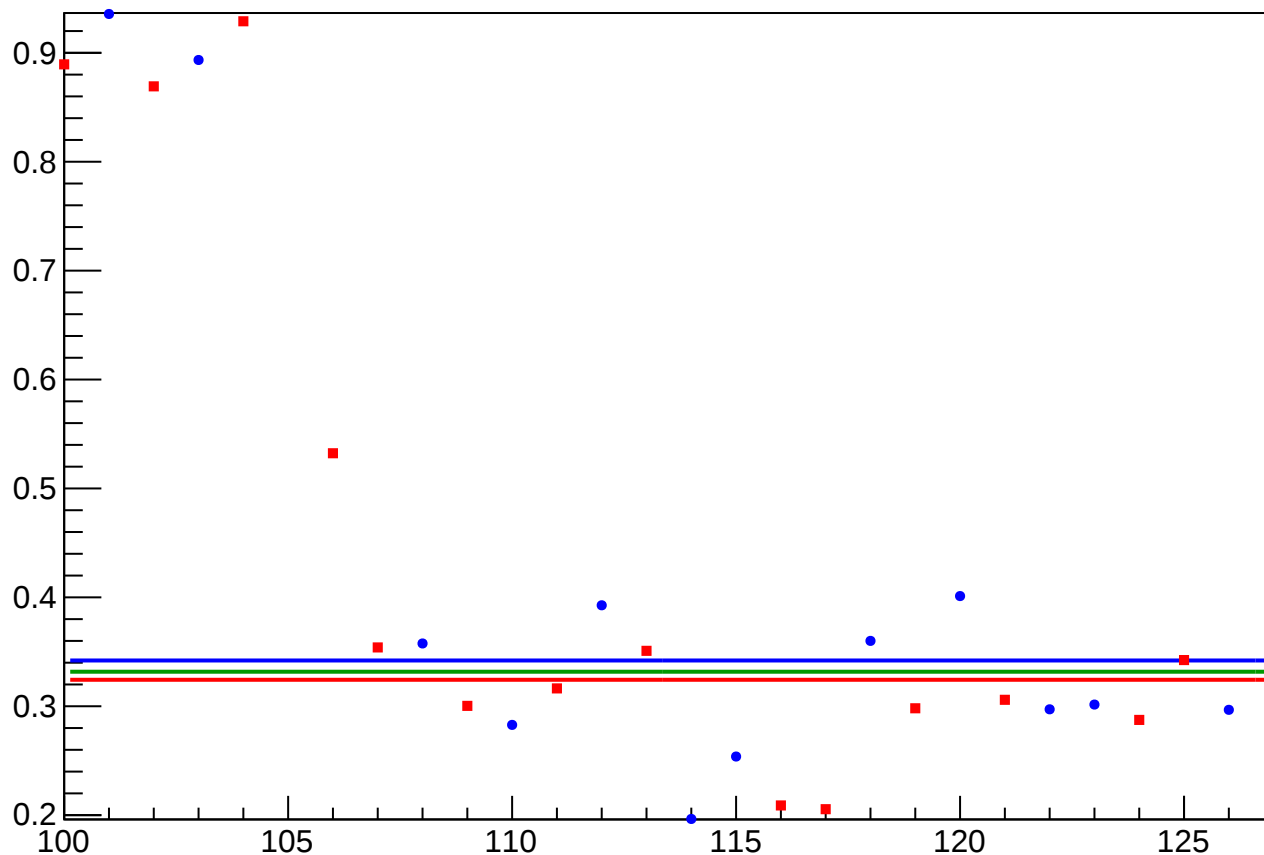
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.954+/-0.000 χ^2/NDF : 2020020396.6/11

145.356+/-0.000 χ^2/NDF : 6310217213.0/11

144.928+/-0.000 χ^2/NDF : 4272754636.6/14

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.342+/-0.000 χ^2/NDF : 1105704.9/11

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1145417.4/14

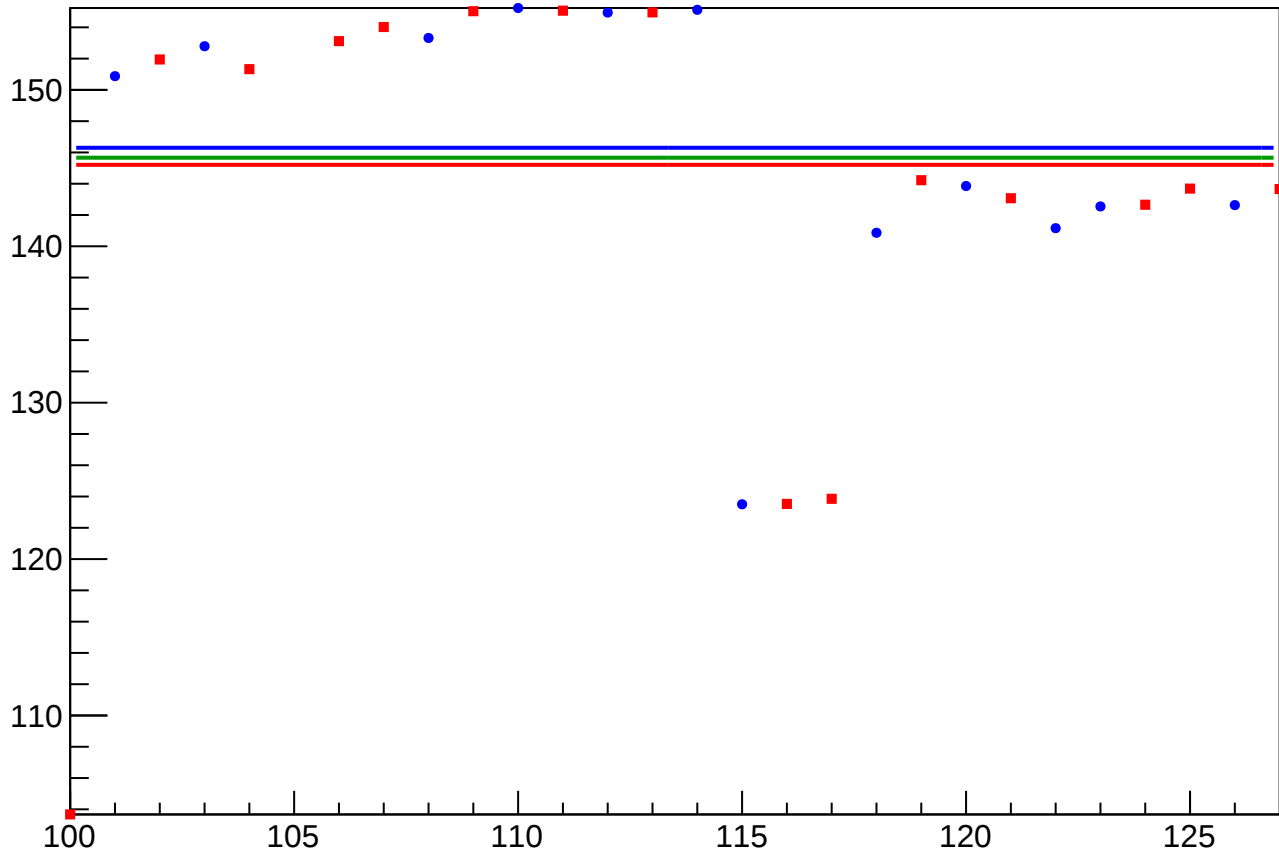
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.342+/-0.000 χ^2/NDF : 1105704.9/11

0.332+/-0.000 χ^2/NDF : 2261532.9/26

0.324+/-0.000 χ^2/NDF : 1145417.4/14

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.300+/-0.000 χ^2/NDF : 2161071453.3/11

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

Right Out: 145.208+/-0.000 χ^2/NDF : 4522015837.2/14

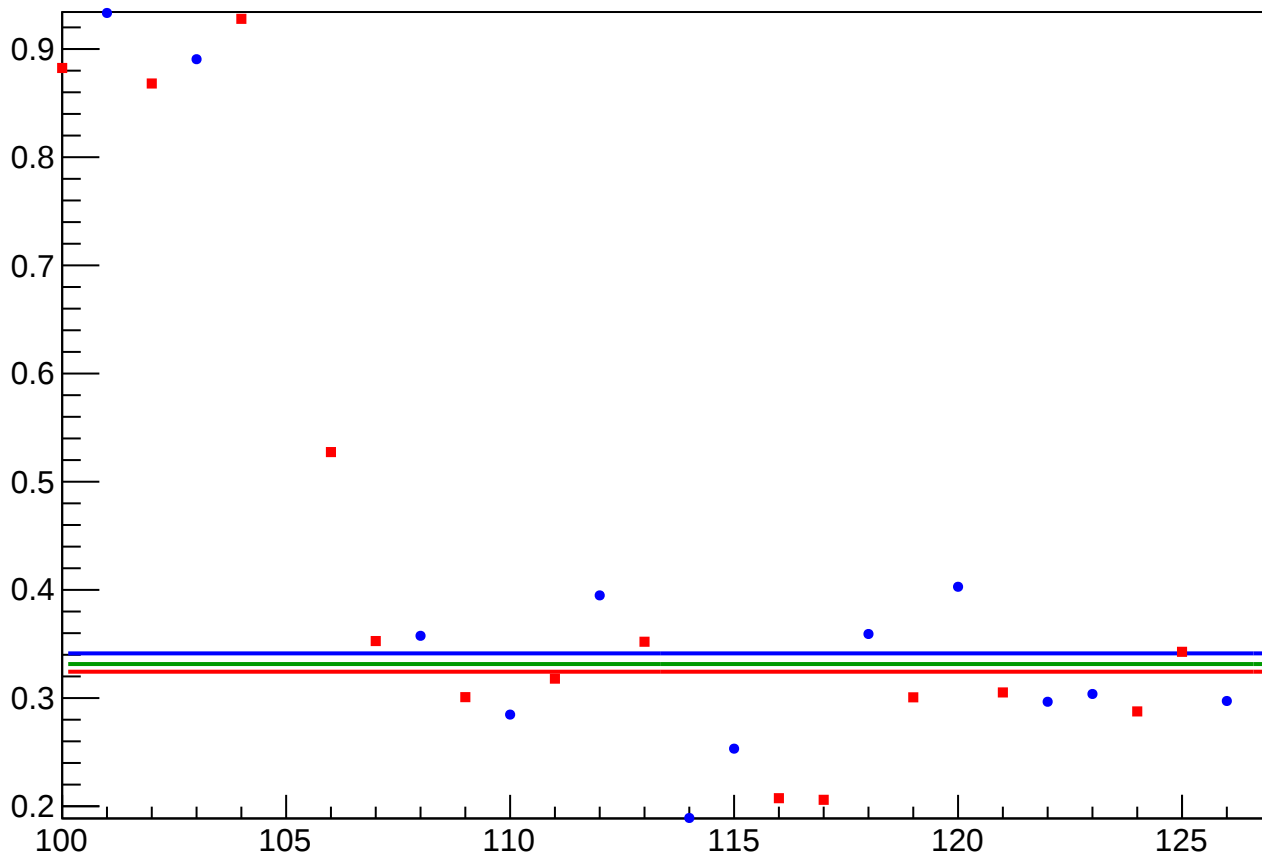
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.300+/-0.000 χ^2/NDF : 2161071453.3/11

145.664+/-0.000 χ^2/NDF : 6702877118.5/11

145.208+/-0.000 χ^2/NDF : 4522015837.2/14

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.341+/-0.000 χ^2/NDF : 1118109.1/11

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1145510.8/14

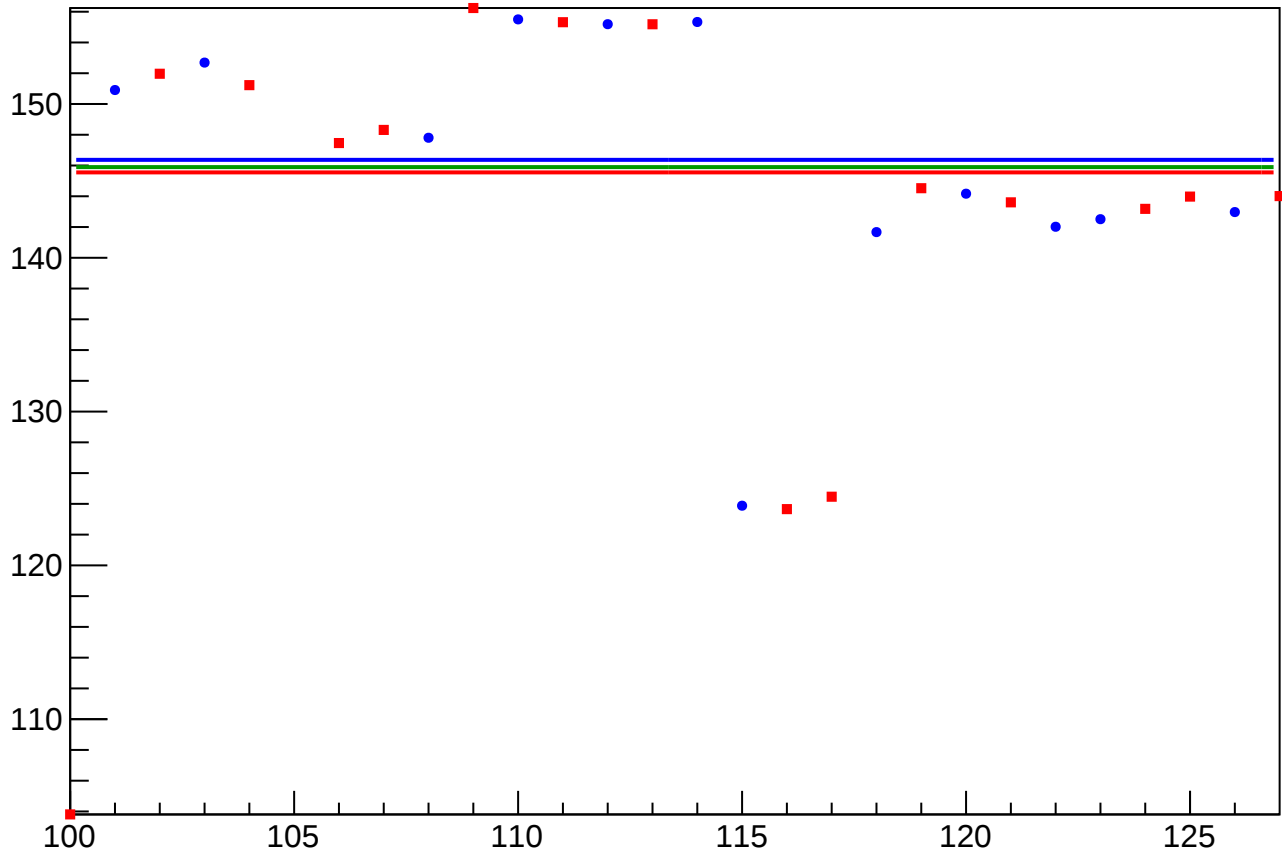
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.341+/-0.000 χ^2/NDF : 1118109.1/11

0.331+/-0.000 χ^2/NDF : 2273145.1/26

0.324+/-0.000 χ^2/NDF : 1145510.8/14

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 146.368+/-0.000 χ^2/NDF : 1796152077.8/11

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

146.368+/-0.000 χ^2/NDF : 1796152077.8/11

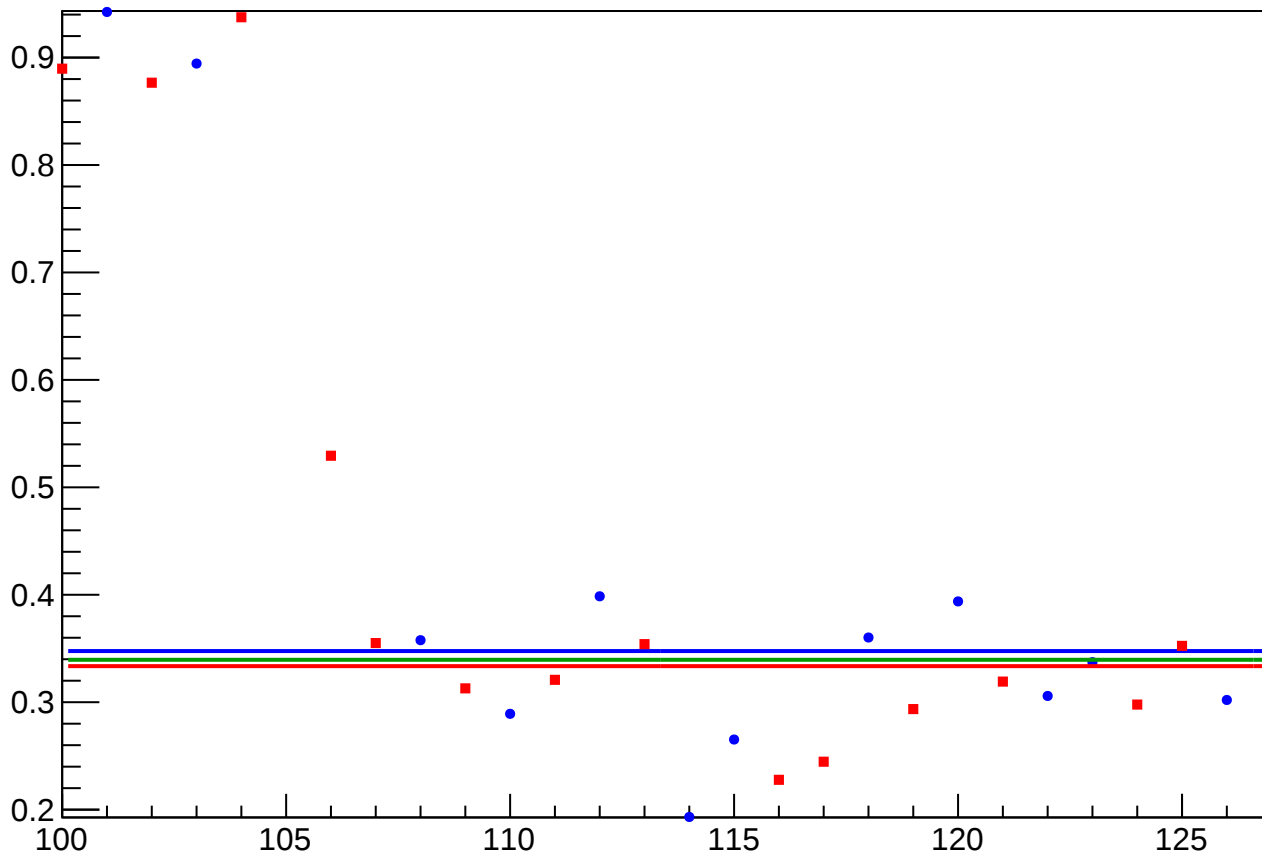
145.896+/-0.000 χ^2/NDF : 5634203578.7/14

Right Out: 145.552+/-0.000 χ^2/NDF : 3827449875.4/14

145.552+/-0.000 χ^2/NDF : 3827449875.4/14

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

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1086769.3/11

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

Right Out: 0.334+/-0.000 χ^2/NDF : 1072907.6/14

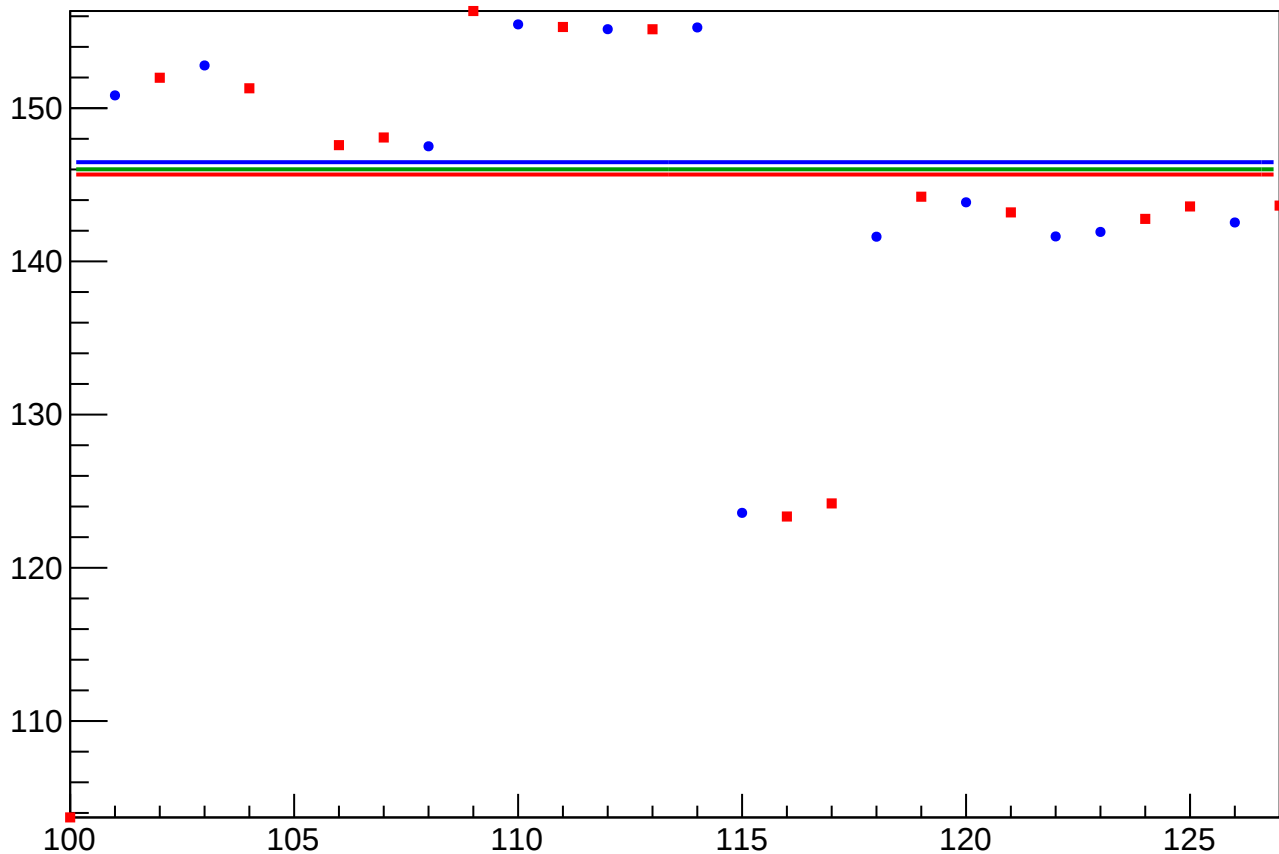
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.348+/-0.000 χ^2/NDF : 1086769.3/11

0.339+/-0.000 χ^2/NDF : 2165951.4/26

0.334+/-0.000 χ^2/NDF : 1072907.6/14

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 146.474+/-0.000 χ^2/NDF : 1839728197.2/11

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

Right Out: 145.670+/-0.000 χ^2/NDF : 3848437089.9/14

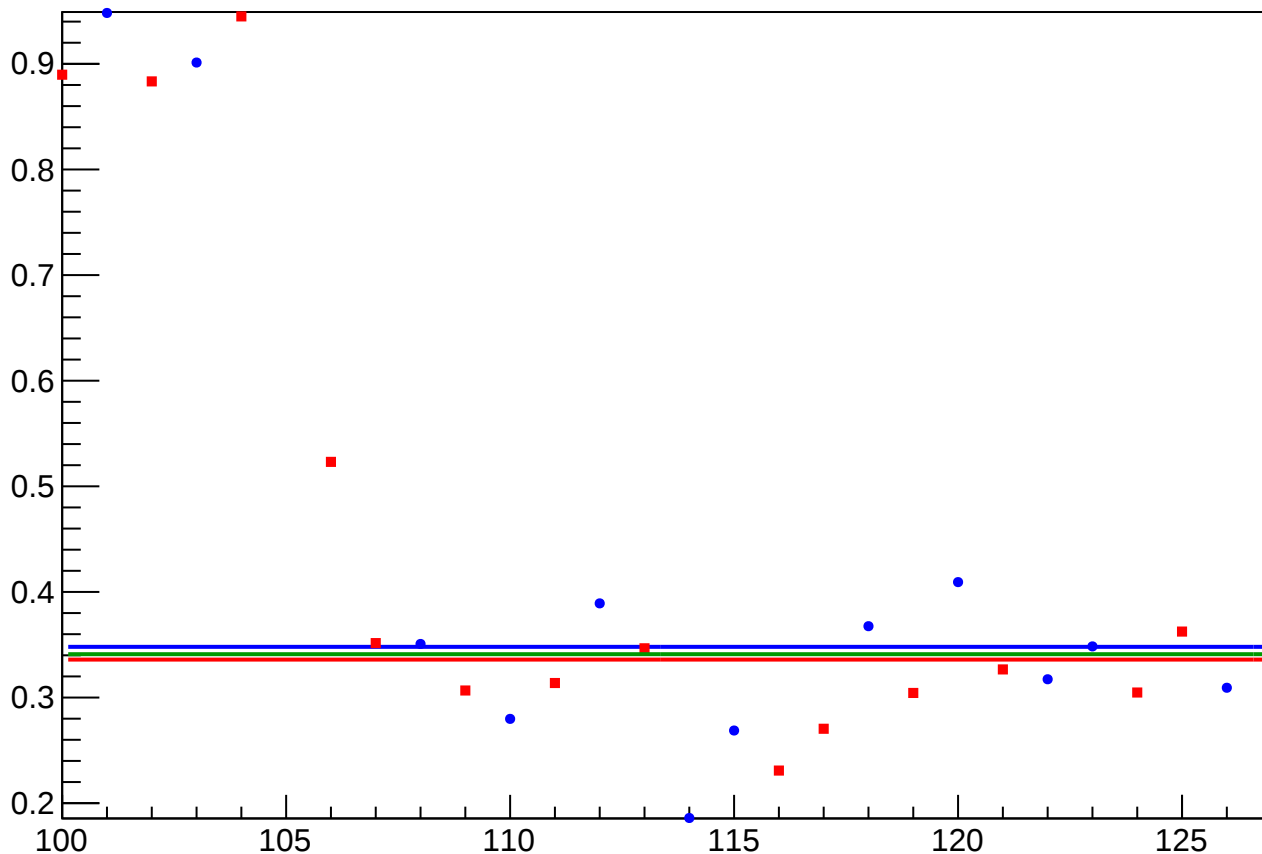
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.474+/-0.000 χ^2/NDF : 1839728197.2/11

146.010+/-0.000 χ^2/NDF : 5698363133.0/14

145.670+/-0.000 χ^2/NDF : 3848437089.9/14

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1109042.4/11

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

Right Out: 0.336+/-0.000 χ^2/NDF : 1054947.5/14

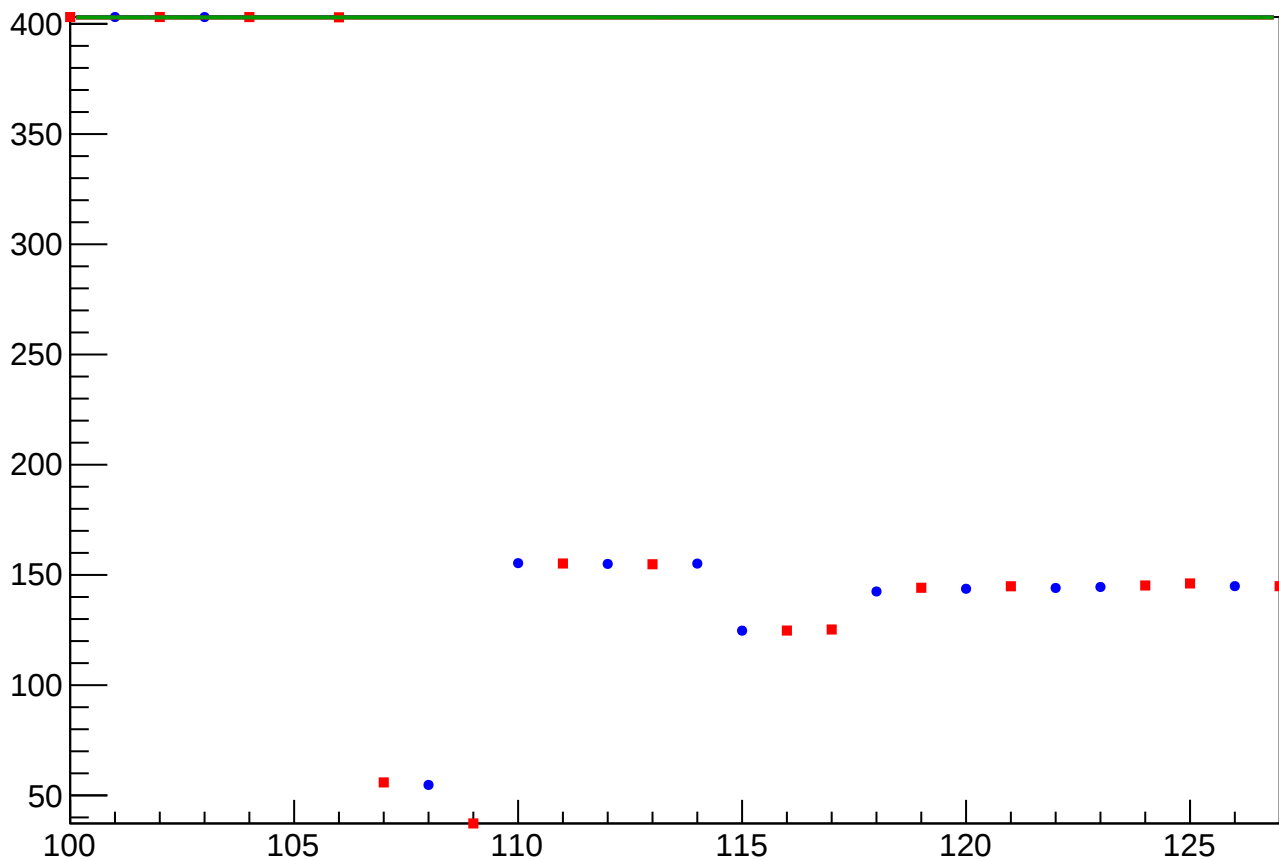
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.348+/-0.000 χ^2/NDF : 1109042.4/11

0.341+/-0.000 χ^2/NDF : 2168583.4/26

0.336+/-0.000 χ^2/NDF : 1054947.5/14

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.032+/-0.000 χ^2/NDF : 493457373499.6/11

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

Right Out: 402.850+/-0.000 χ^2/NDF : 2637700824542.9/14

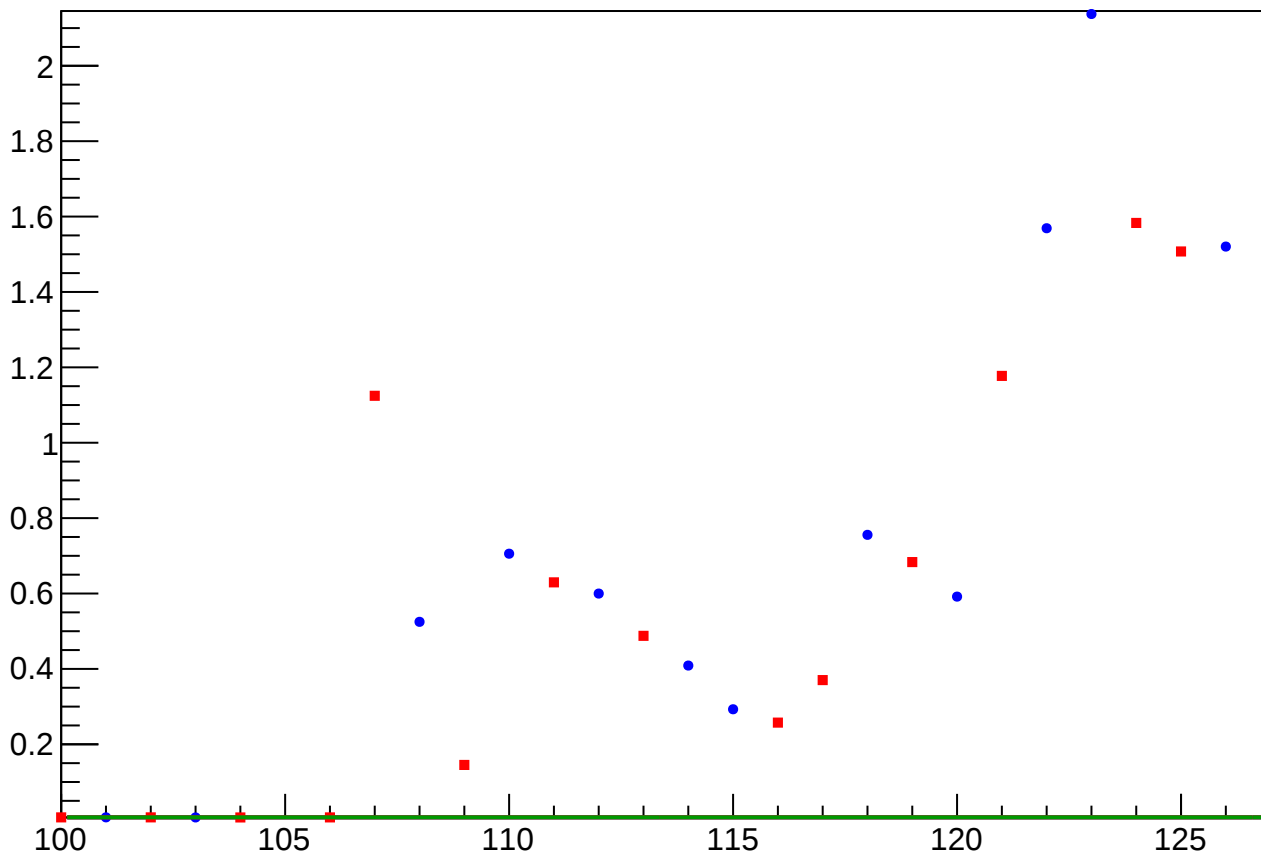
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.032+/-0.000 χ^2/NDF : 493457373499.6/11

402.935+/-0.000 χ^2/NDF : 313171043789

402.850+/-0.000 χ^2/NDF : 2637700824542.9/14

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 5022709.1/11

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

Right Out: 0.006+/-0.000 χ^2/NDF : 6098295.8/14

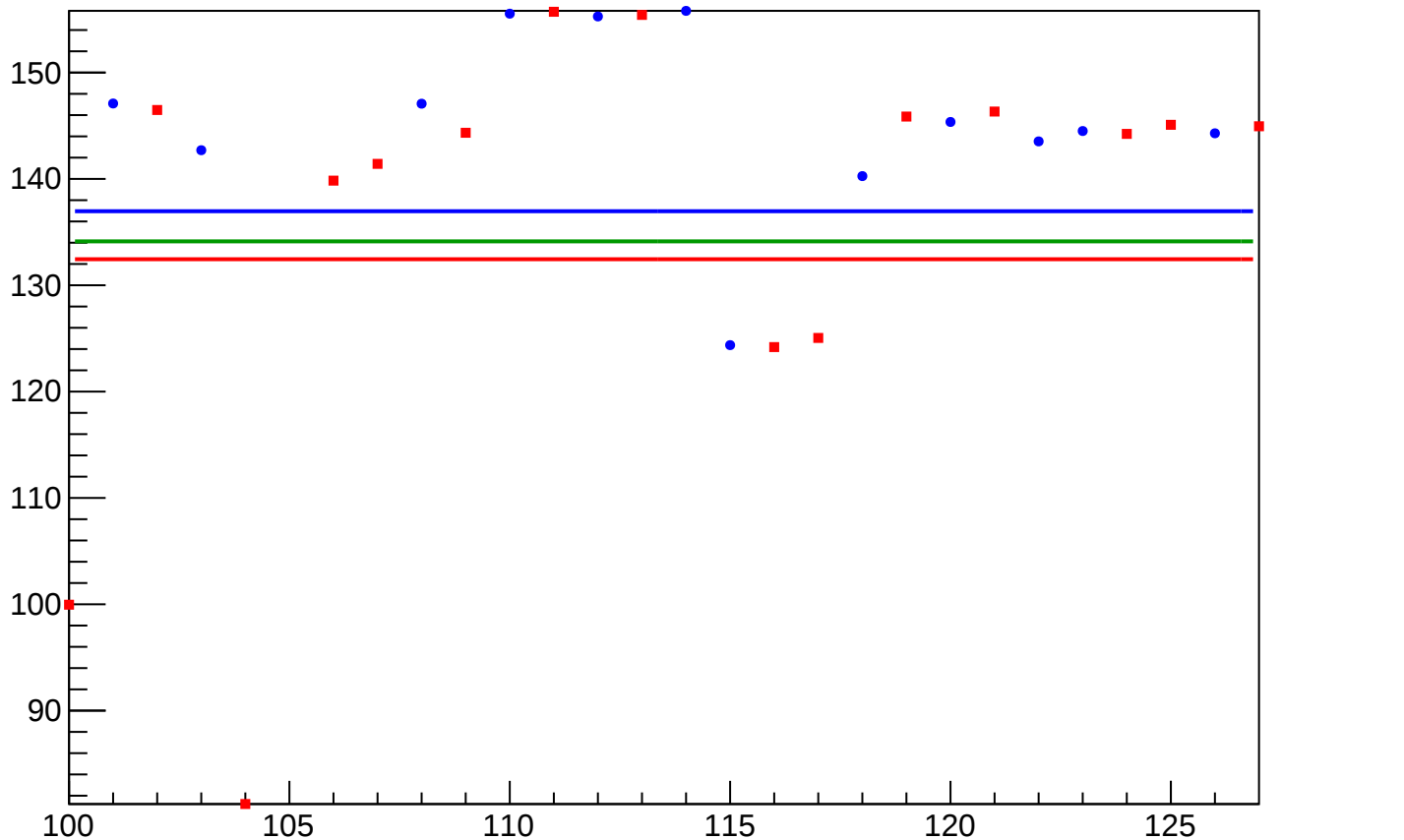
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 5022709.1/11

0.006+/-0.000 χ^2/NDF : 11121041.1/26

0.006+/-0.000 χ^2/NDF : 6098295.8/14

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.962±0.001 χ^2/NDF : 504358562.0/11

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 132.448±0.000 χ^2/NDF : 1005163729.6/14

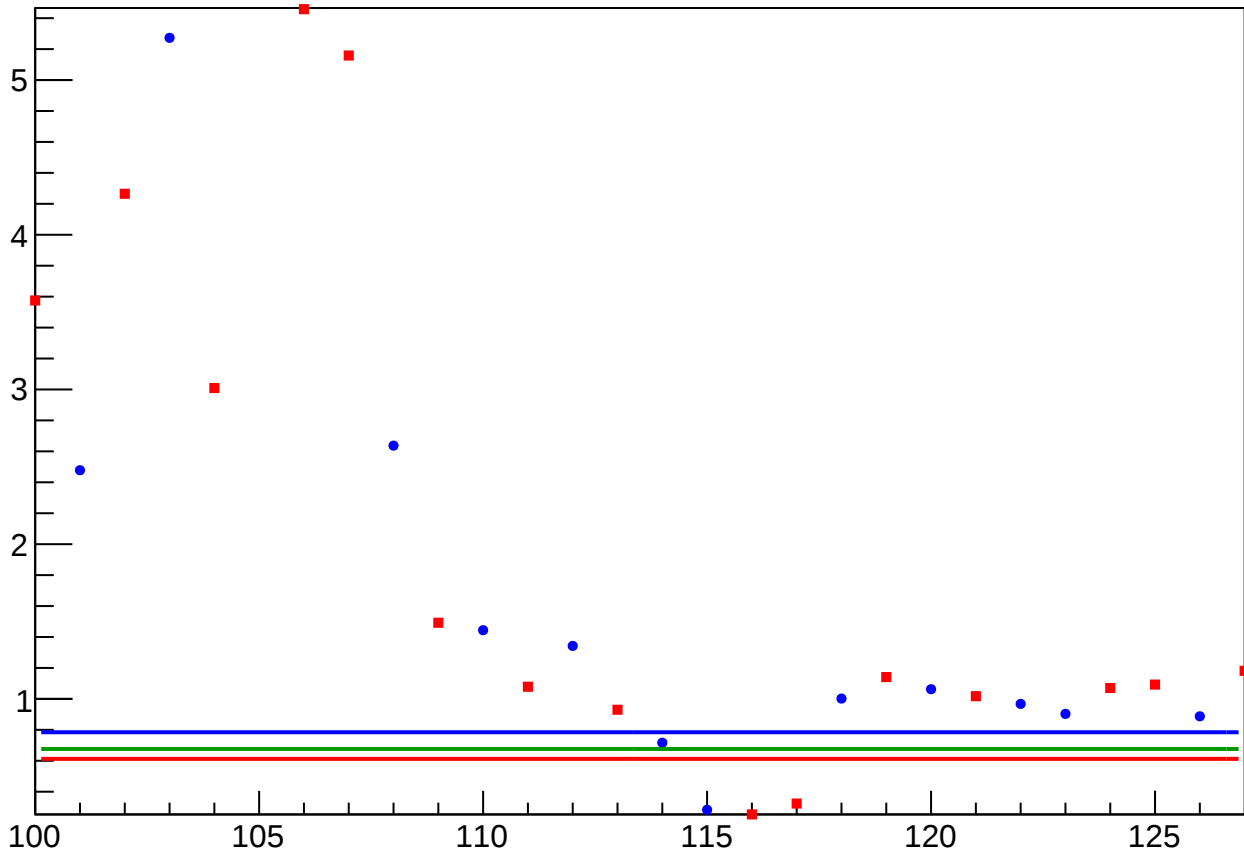
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

136.962±0.001 χ^2/NDF : 504358562.0/11

134.127±0.000 χ^2/NDF : 1556760251.5/11

132.448±0.000 χ^2/NDF : 1005163729.6/14

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.784+/-0.000 χ^2/NDF : 2762414.6/11

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

Right Out: 0.612+/-0.000 χ^2/NDF : 4467926.1/14

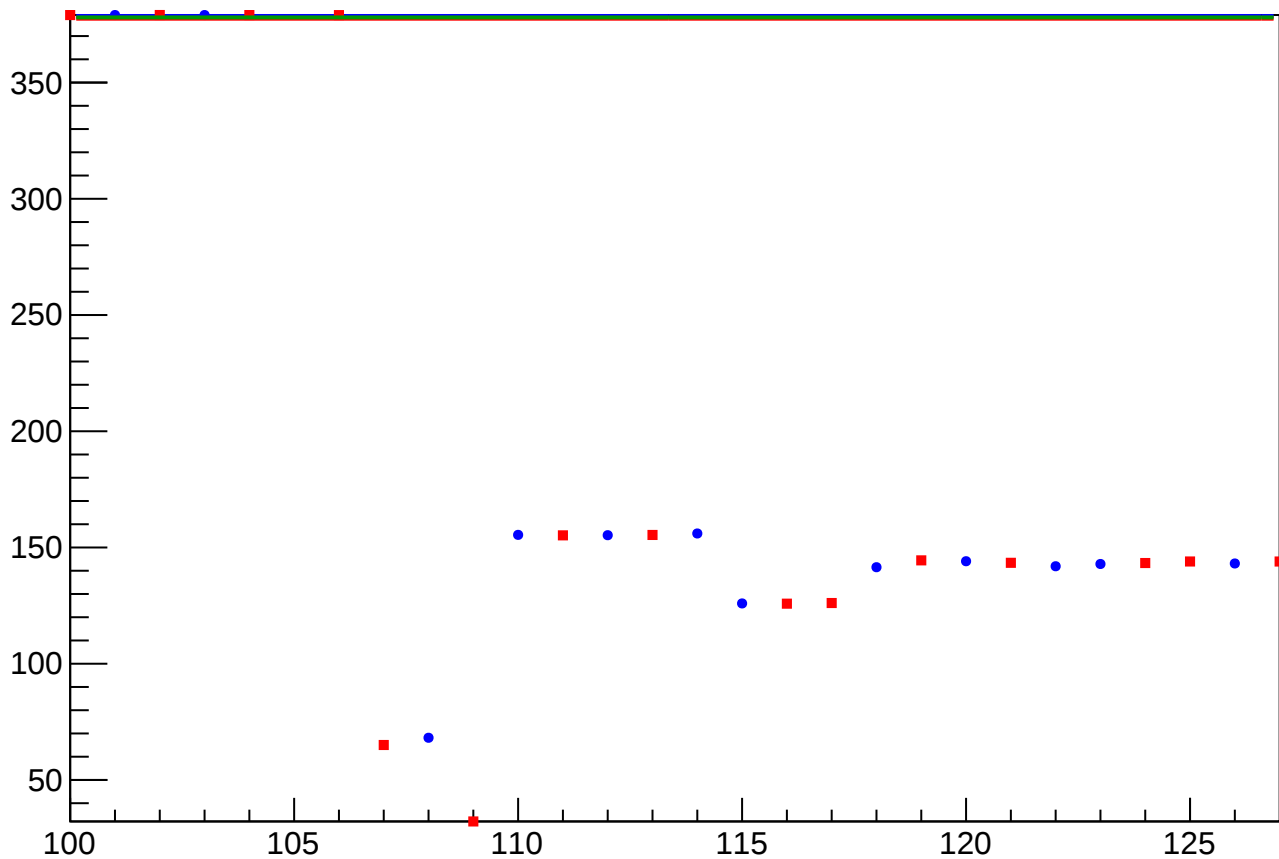
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.784+/-0.000 χ^2/NDF : 2762414.6/11

0.676+/-0.000 χ^2/NDF : 7367526.2/26

0.612+/-0.000 χ^2/NDF : 4467926.1/14

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.635+/-0.000 χ^2/NDF : 1401067735987.1/11

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

Right Out: 377.474+/-0.000 χ^2/NDF : 7625931608777.6/14

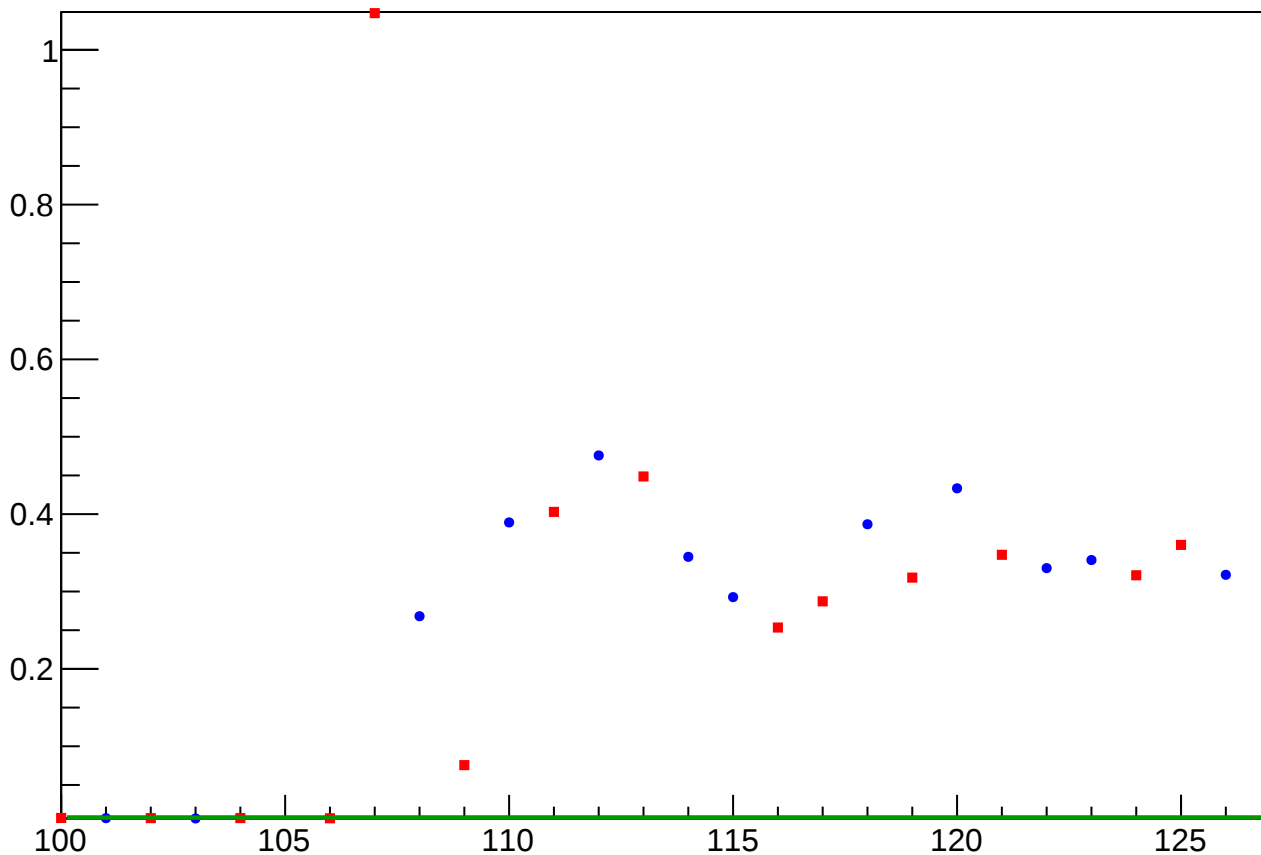
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.635+/-0.000 χ^2/NDF : 1401067735987.1/11

378.016+/-0.000 χ^2/NDF : 903655064527

377.474+/-0.000 χ^2/NDF : 7625931608777.6/14

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 5329482.0/11

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

Right Out: 0.008+/-0.000 χ^2/NDF : 6168391.0/14

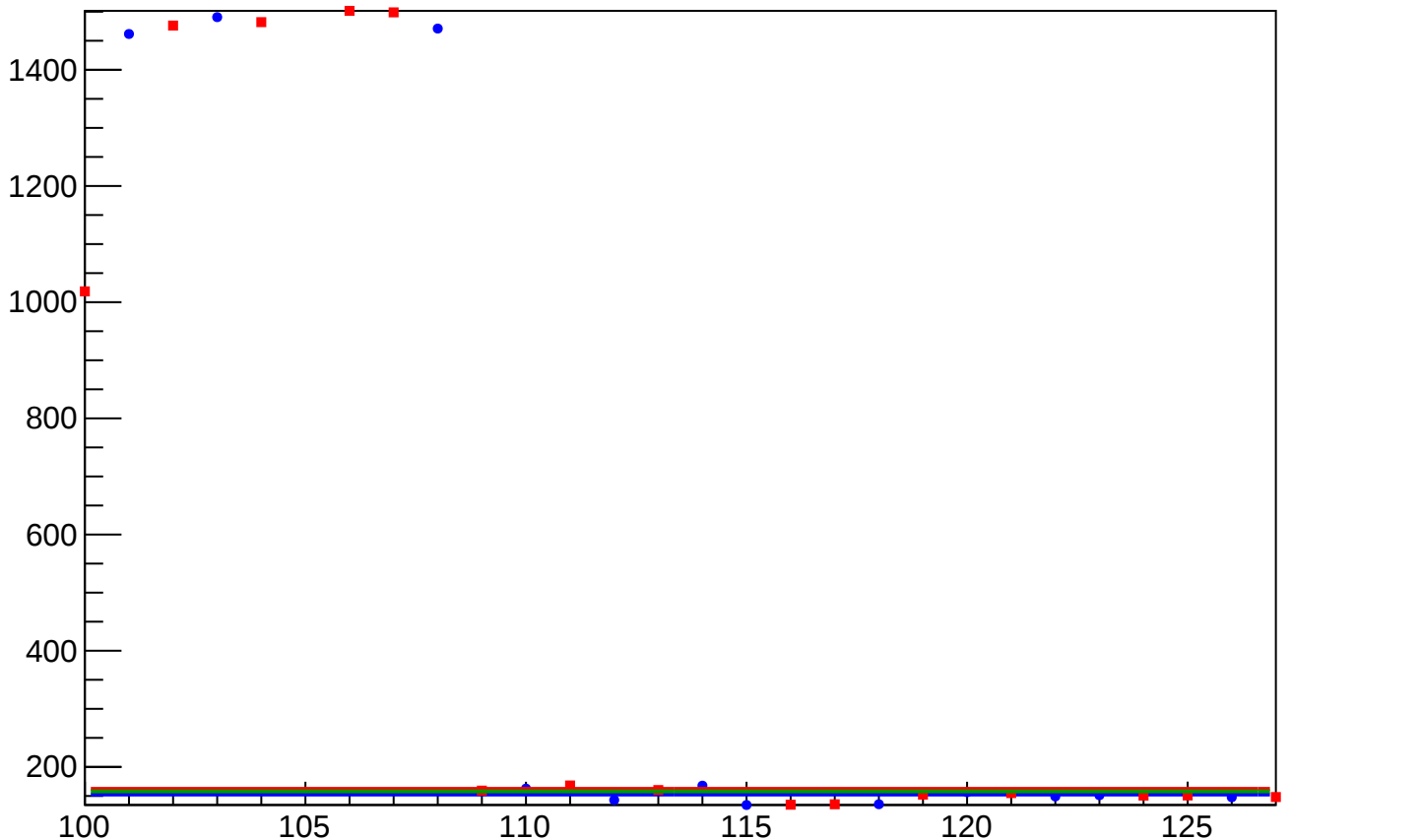
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 5329482.0/11

0.008+/-0.000 χ^2/NDF : 11498606.1/26

0.008+/-0.000 χ^2/NDF : 6168391.0/14

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 152.548+/-0.001 χ^2/NDF : 24070945060.4/11

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

Right Out: 162.158+/-0.001 χ^2/NDF : 32971567323.7/14

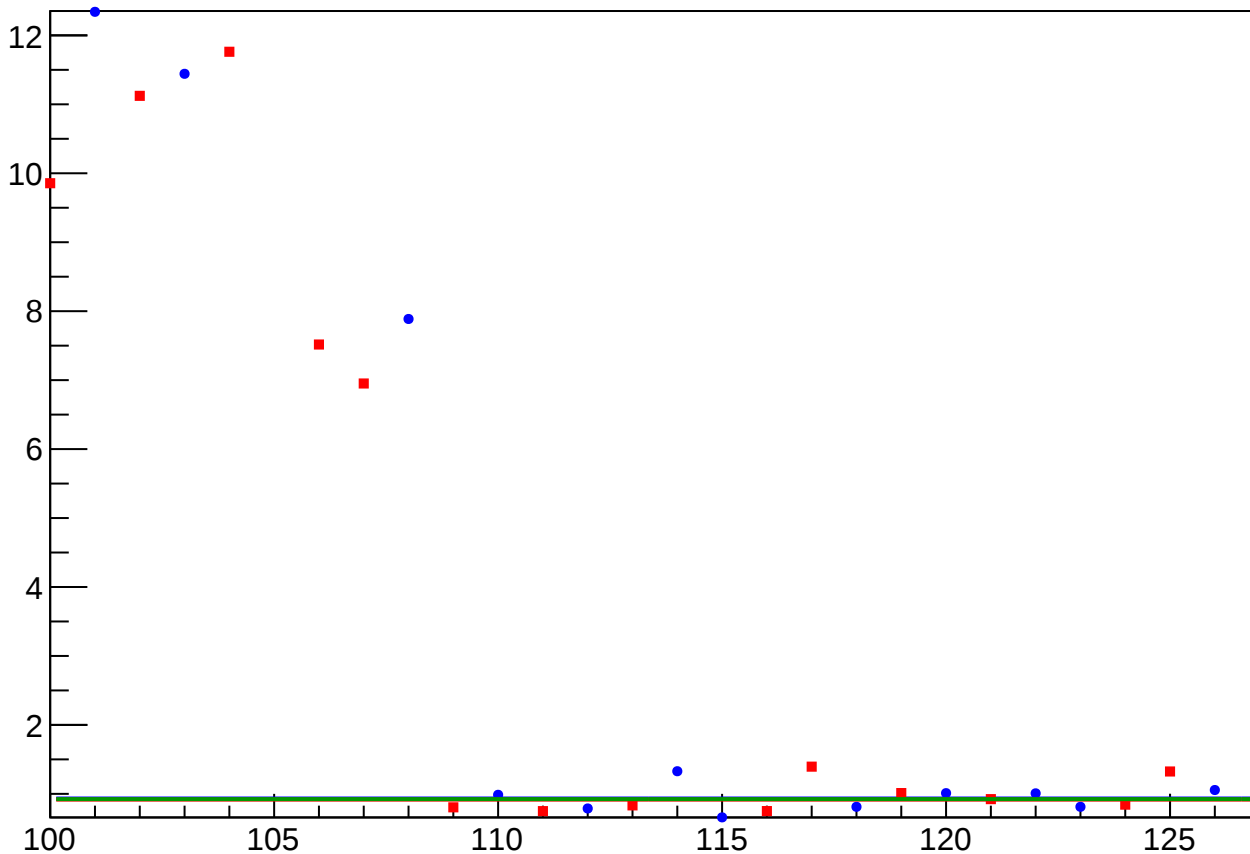
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.548+/-0.001 χ^2/NDF : 24070945060.4/11

157.970+/-0.000 χ^2/NDF : 57176923035.0

162.158+/-0.001 χ^2/NDF : 32971567323.7/14

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.932+/-0.000 χ^2/NDF : 2546763.9/11

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

Right Out: 0.917+/-0.000 χ^2/NDF : 2744815.7/14

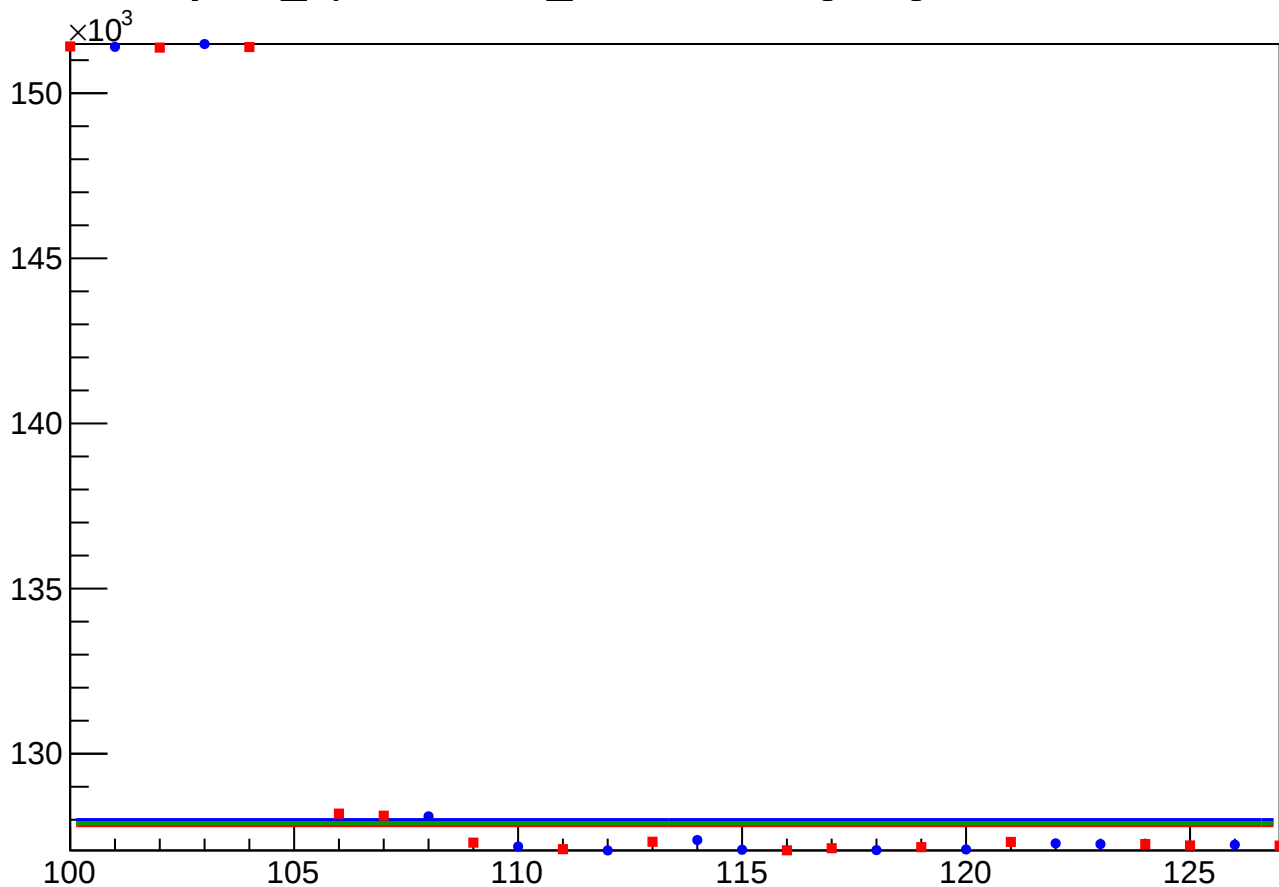
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.932+/-0.000 χ^2/NDF : 2546763.9/11

0.924+/-0.000 χ^2/NDF : 5292262.8/26

0.917+/-0.000 χ^2/NDF : 2744815.7/14

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127990.350 $\pm$ 0.065 χ^2 /NDF: 4163206215.1/11

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

Right Out: 127834.943 $\pm$ 0.056 χ^2 /NDF: 3647867500.5/14

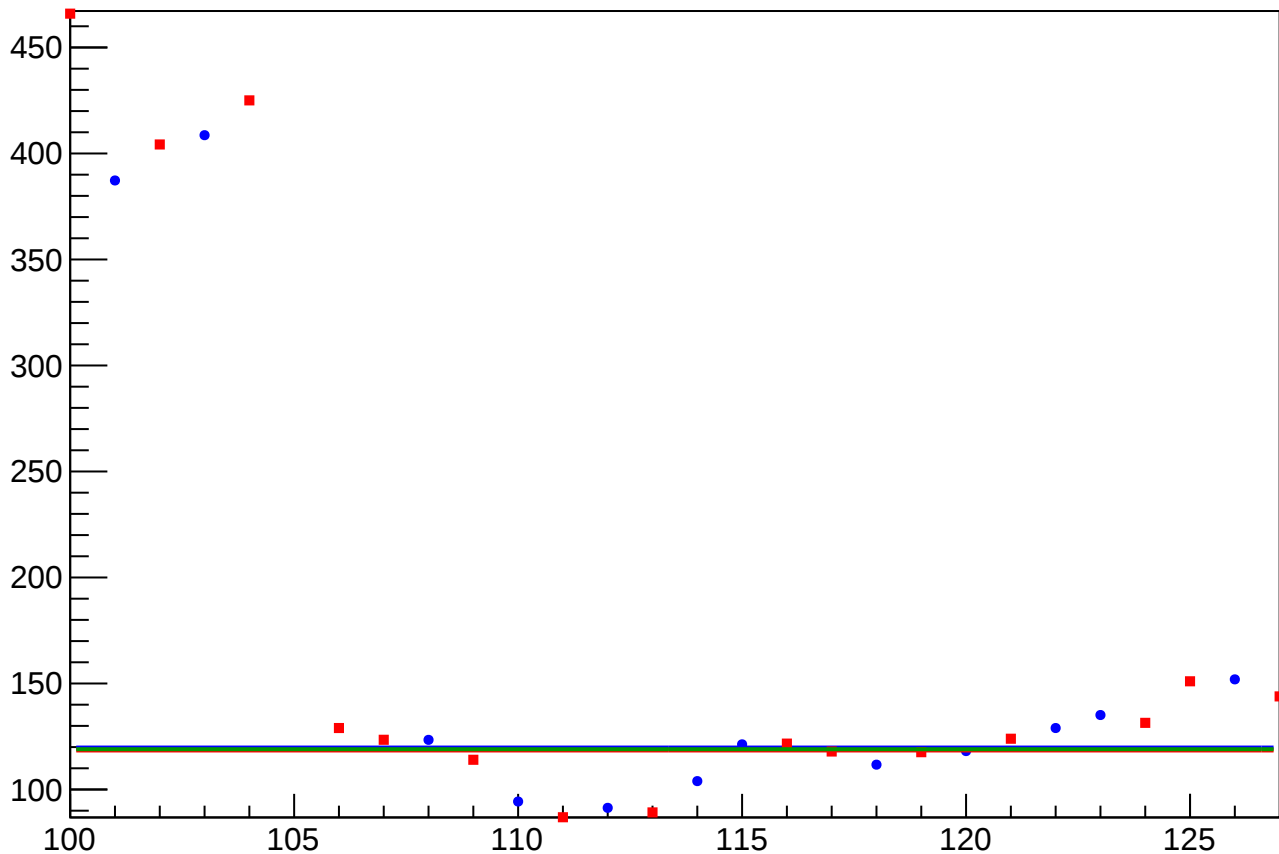
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127990.350 $\pm$ 0.065 χ^2 /NDF: 4163206215.1/11

127901.891 $\pm$ 0.042 χ^2 /NDF: 781436879

127834.943 $\pm$ 0.056 χ^2 /NDF: 3647867500.5/14

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.783+/-0.046 χ^2/NDF : 1304705.2/11

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

Right Out: 118.405+/-0.040 χ^2/NDF : 1403552.8/14

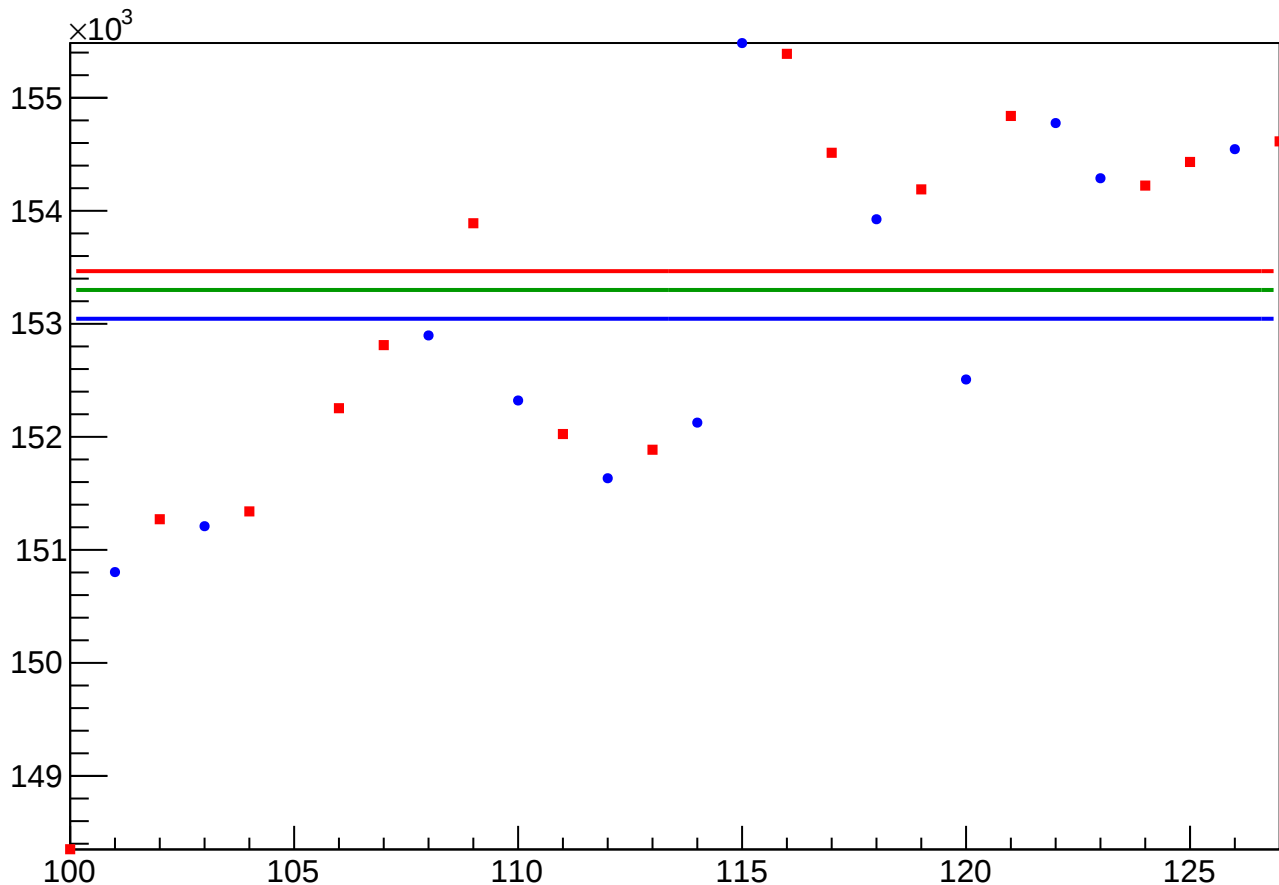
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.783+/-0.046 χ^2/NDF : 1304705.2/11

118.999+/-0.030 χ^2/NDF : 2708775.8/26

118.405+/-0.040 χ^2/NDF : 1403552.8/14

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153044.930 $\pm$ 0.096 χ^2 /NDF: 181410757.7/11

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

Right Out: 153466.178 $\pm$ 0.078 χ^2 /NDF: 260019273.6/14

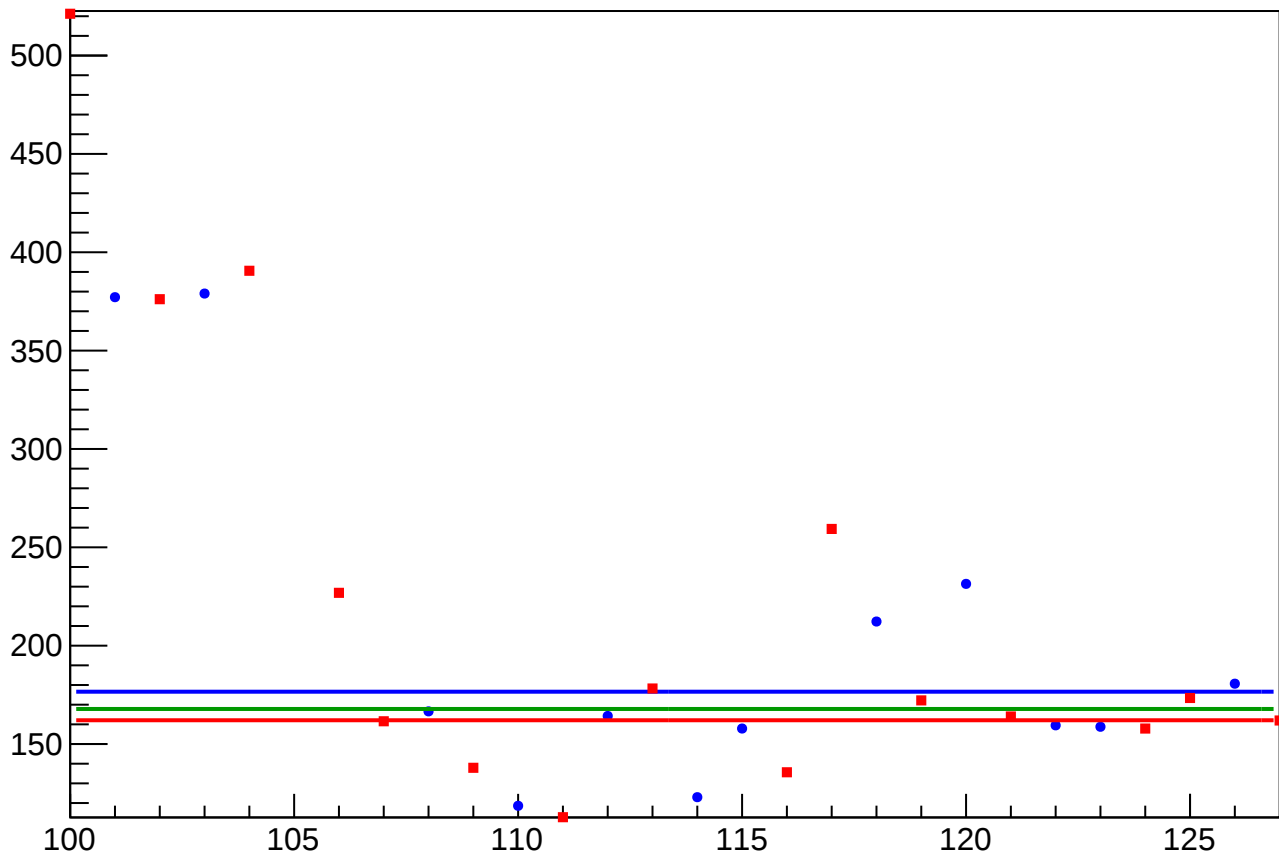
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153044.930 $\pm$ 0.096 χ^2 /NDF: 181410757.7/11

153299.657 $\pm$ 0.060 χ^2 /NDF: 453046744

153466.178 $\pm$ 0.078 χ^2 /NDF: 260019273.6/14

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 176.600 $\pm$ 0.068 χ^2 /NDF: 906002.7/11

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

Right Out: 162.082 $\pm$ 0.055 χ^2 /NDF: 1018549.6/14

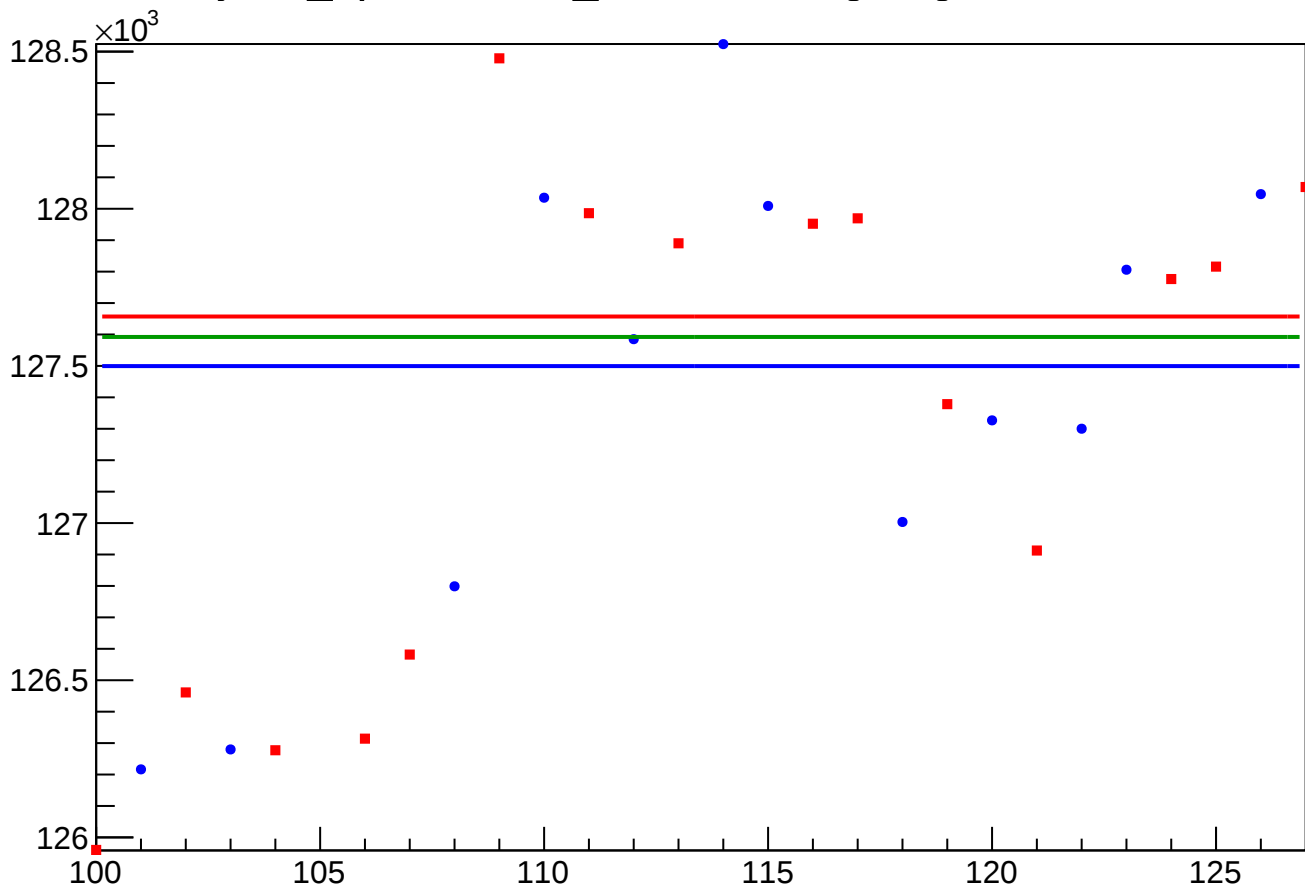
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.600 $\pm$ 0.068 χ^2 /NDF: 906002.7/11

167.821 $\pm$ 0.043 χ^2 /NDF: 1952145.6/26

162.082 $\pm$ 0.055 χ^2 /NDF: 1018549.6/14

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127499.438 $\pm$ 0.075 χ^2 /NDF: 61442063.2/11

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

Right Out: 127657.182 $\pm$ 0.063 χ^2 /NDF: 95821331.9/14

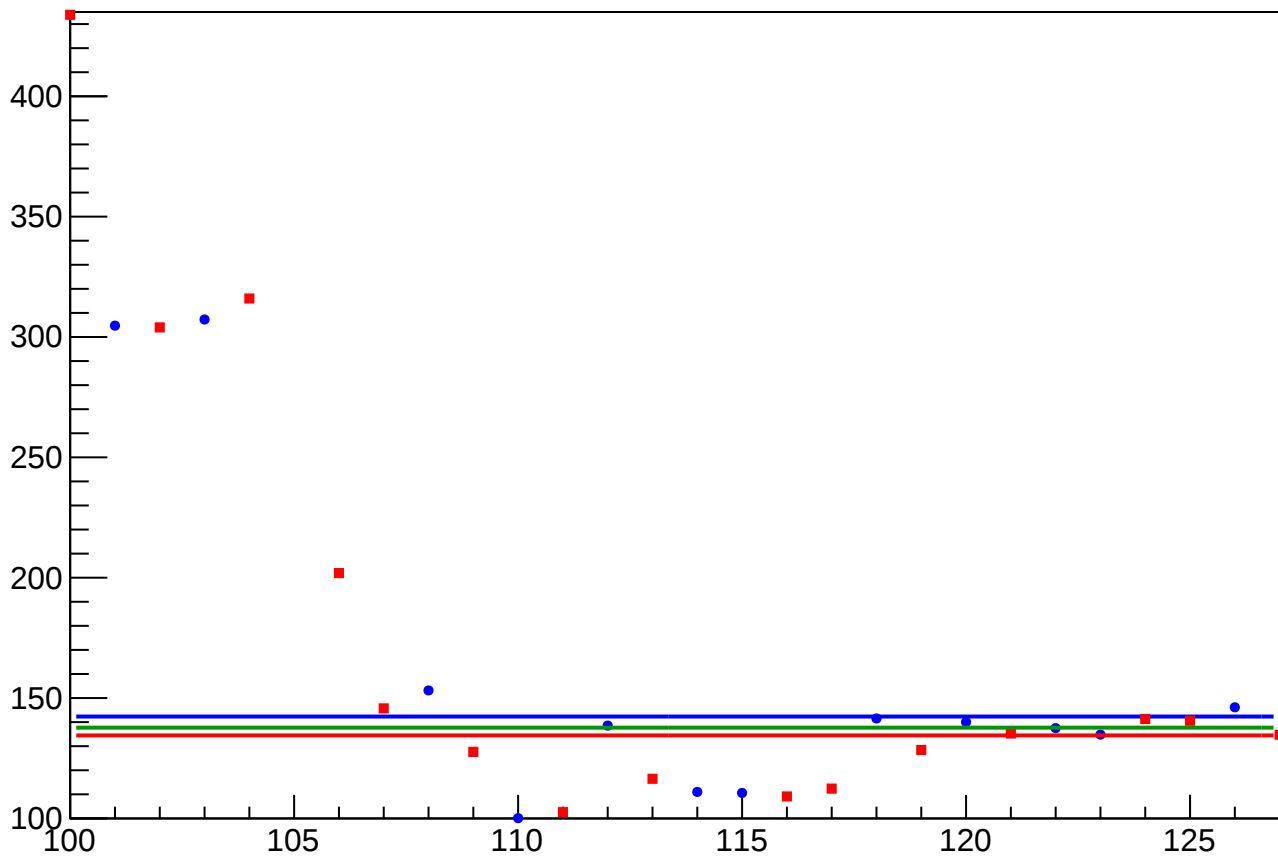
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127499.438 $\pm$ 0.075 χ^2 /NDF: 61442063.2/11

127592.143 $\pm$ 0.048 χ^2 /NDF: 159885993

127657.182 $\pm$ 0.063 χ^2 /NDF: 95821331.9/14

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.318+/-0.053 χ^2/NDF : 821986.9/11

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

Right Out: 134.470+/-0.044 χ^2/NDF : 928473.5/14

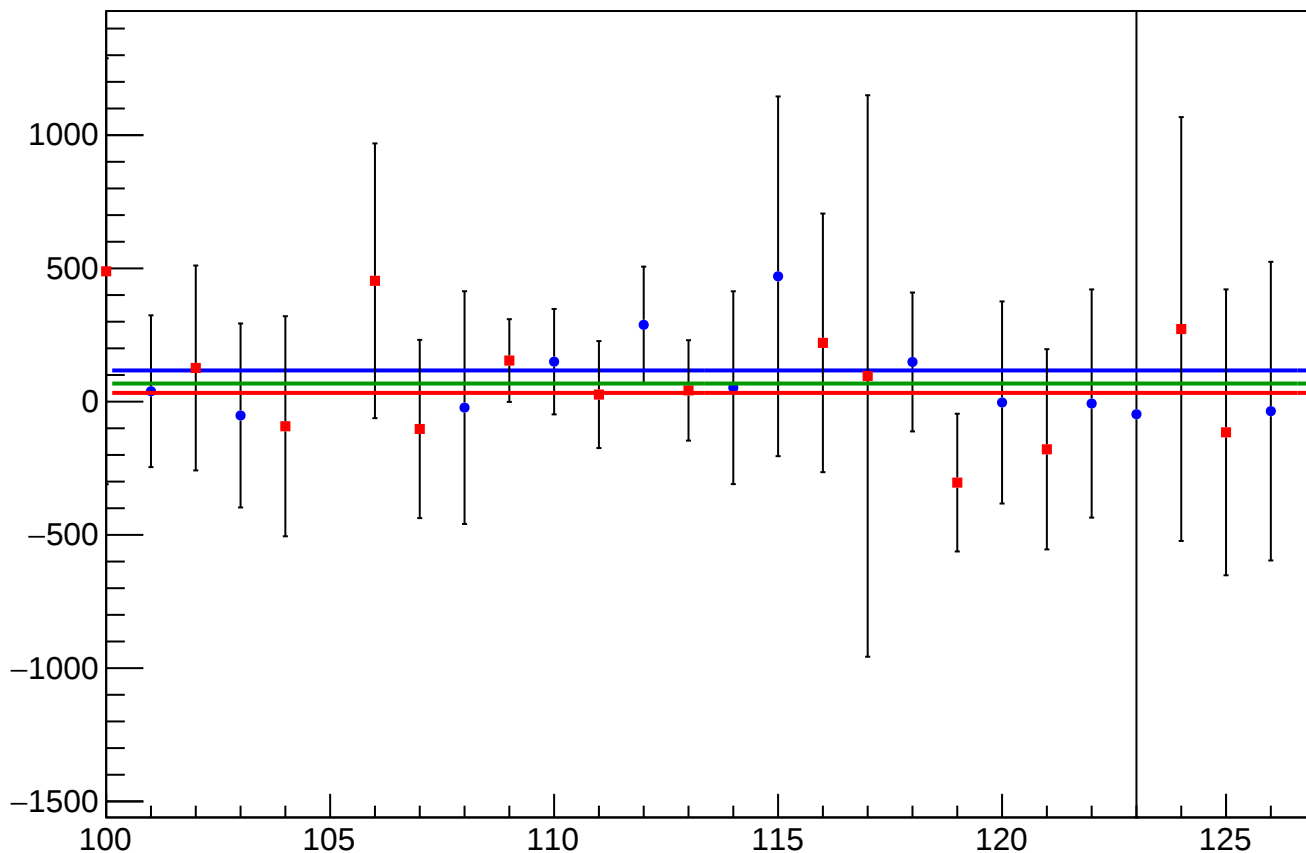
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.318+/-0.053 χ^2/NDF : 821986.9/11

137.706+/-0.034 χ^2/NDF : 1763440.7/26

134.470+/-0.044 χ^2/NDF : 928473.5/14

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 117.076 $\pm$ 94.035 χ^2/NDF : 1.6/11

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

Right Out: 32.847 $\pm$ 79.502 χ^2/NDF : 4.3/14

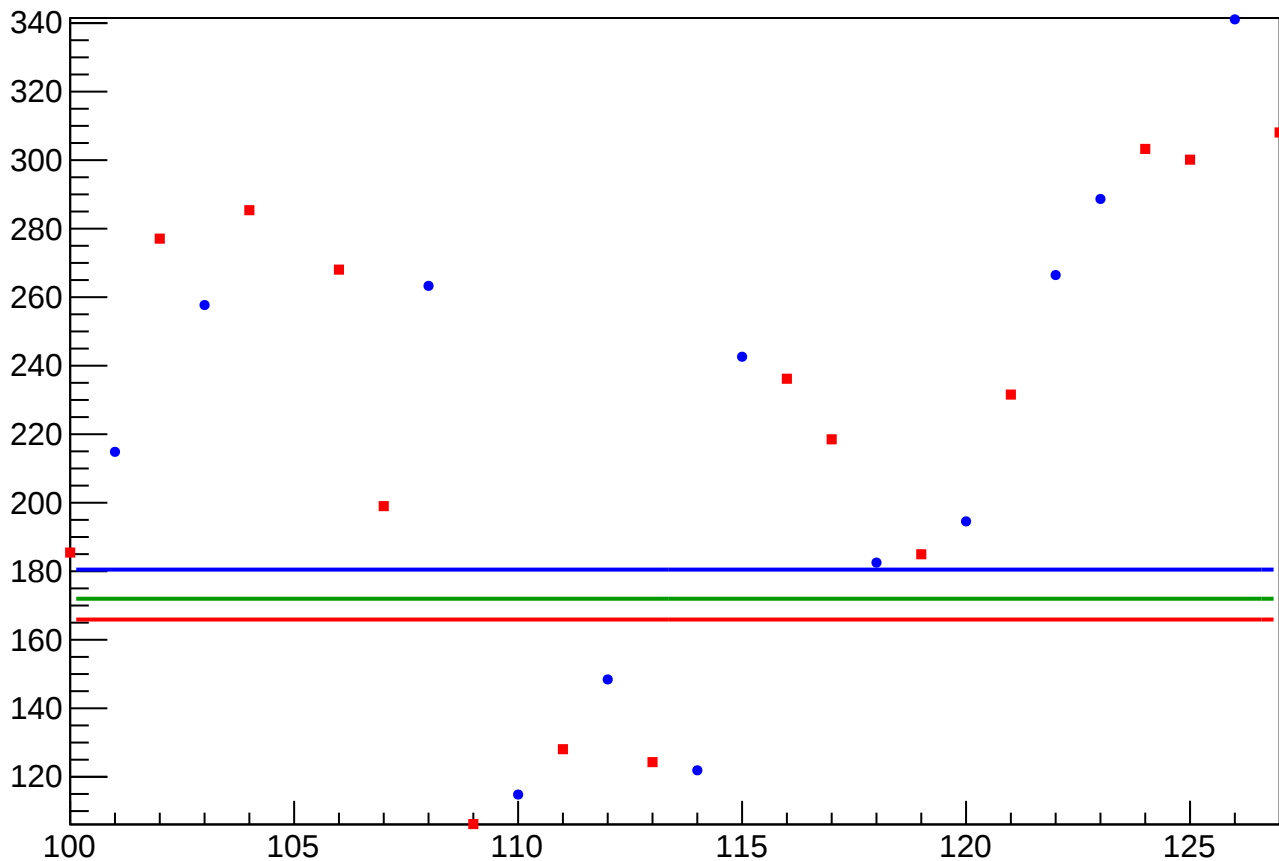
Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

117.076 $\pm$ 94.035 χ^2/NDF : 1.6/11

67.957 $\pm$ 60.712 χ^2/NDF : 6.4/26

32.847 $\pm$ 79.502 χ^2/NDF : 4.3/14

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 180.486+/-0.066 χ^2/NDF : 792133.2/11

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

Right Out: 165.911+/-0.056 χ^2/NDF : 1386298.6/14

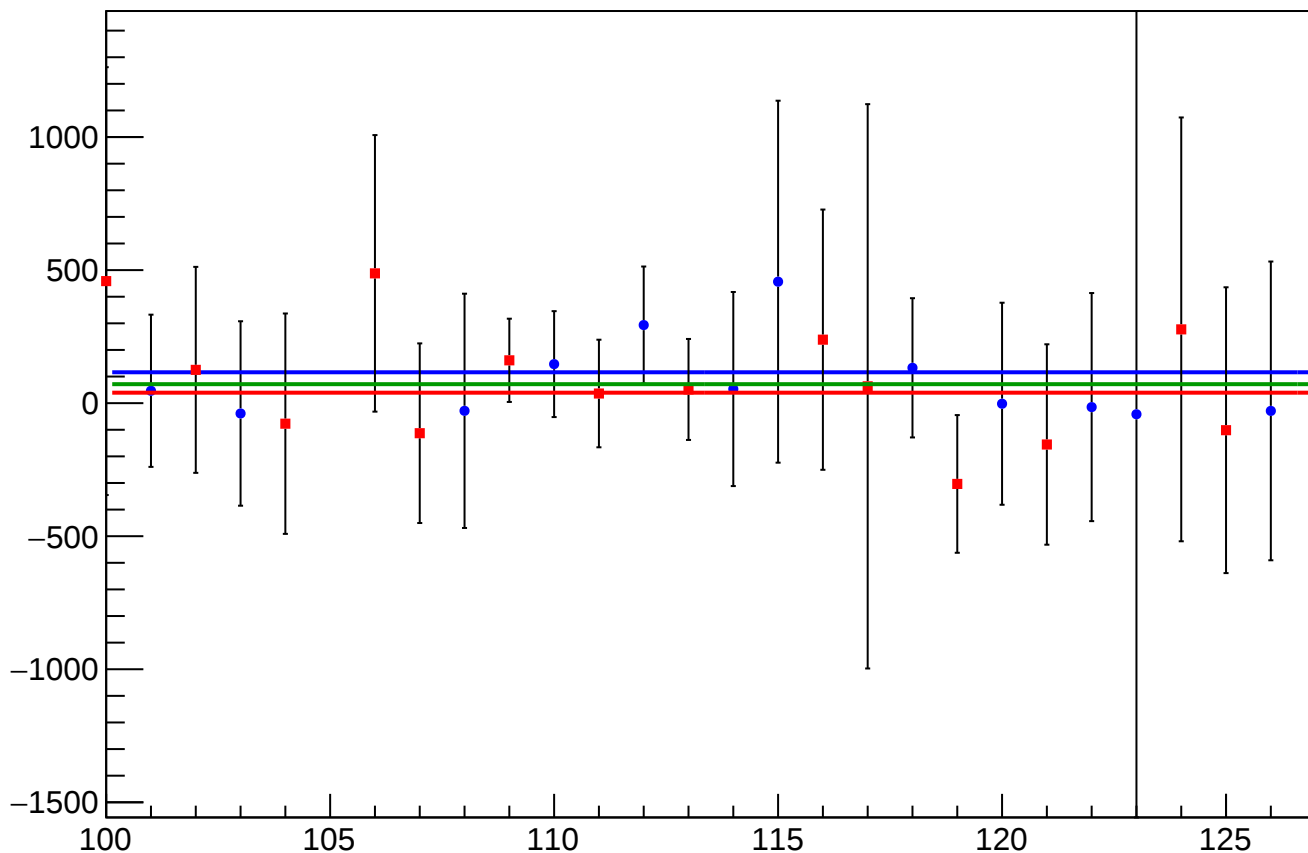
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.486+/-0.066 χ^2/NDF : 792133.2/11

171.986+/-0.043 χ^2/NDF : 2206452.5/26

165.911+/-0.056 χ^2/NDF : 1386298.6/14

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 116.044 $\pm$ 94.535 χ^2/NDF : 1.6/11

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

Right Out: 39.335 $\pm$ 79.997 χ^2/NDF : 4.3/14

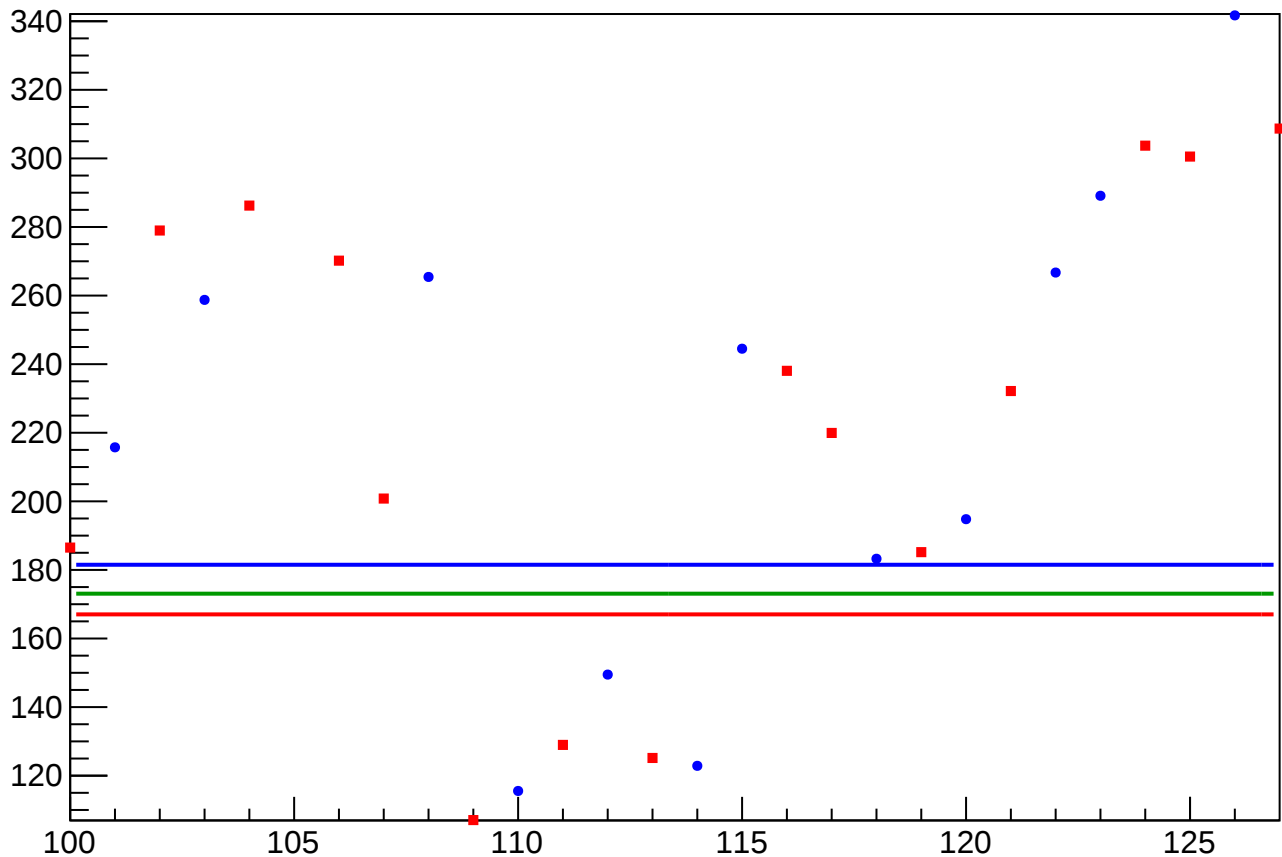
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

116.044 $\pm$ 94.535 χ^2/NDF : 1.6/11

71.344 $\pm$ 61.067 χ^2/NDF : 6.3/26

39.335 $\pm$ 79.997 χ^2/NDF : 4.3/14

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 181.505+/-0.067 χ^2/NDF : 786149.6/11

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

Right Out: 167.035+/-0.057 χ^2/NDF : 1376277.9/14

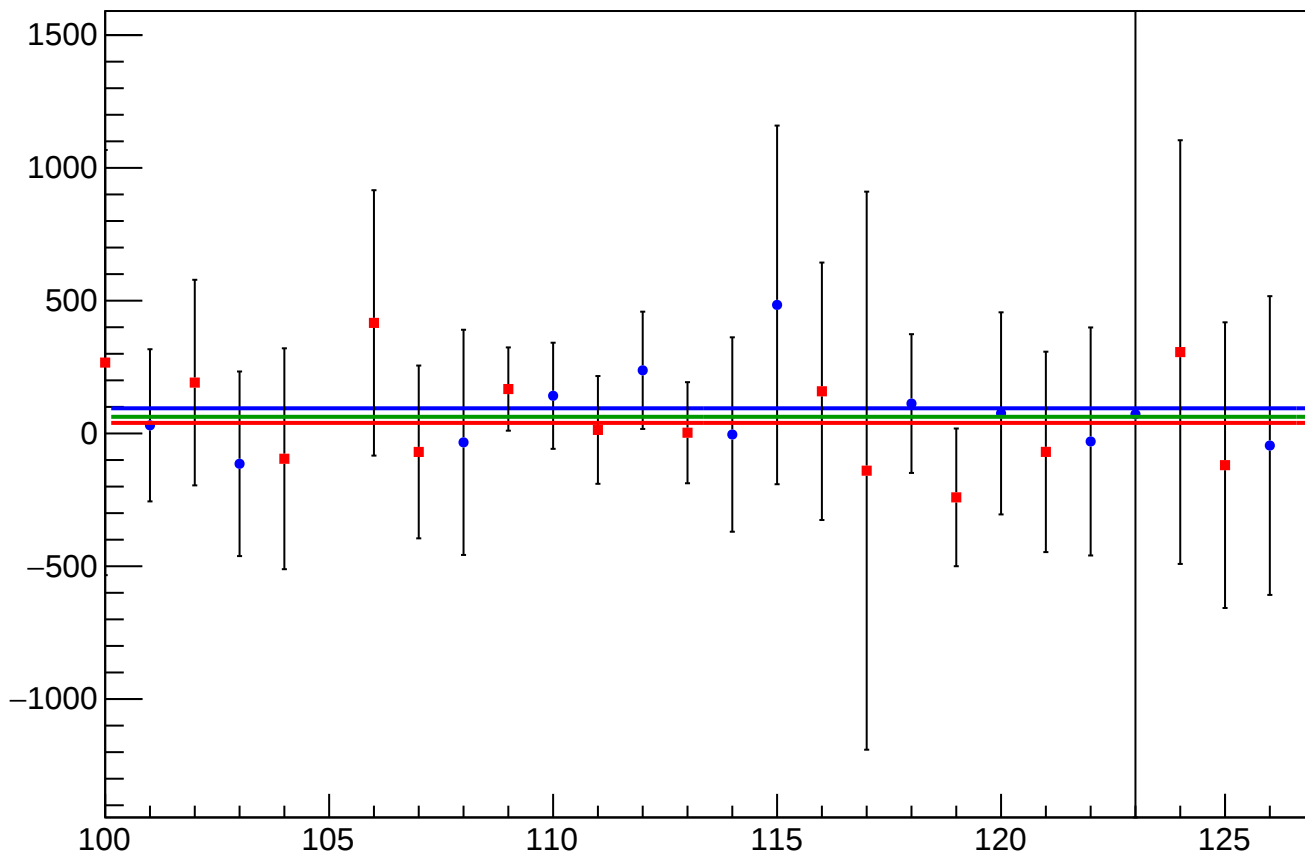
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.505+/-0.067 χ^2/NDF : 786149.6/11

173.074+/-0.043 χ^2/NDF : 2189732.7/26

167.035+/-0.057 χ^2/NDF : 1376277.9/14

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 94.817+/-94.567 χ^2/NDF : 1.5/11

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

Right Out: 39.765+/-79.896 χ^2/NDF : 3.3/14

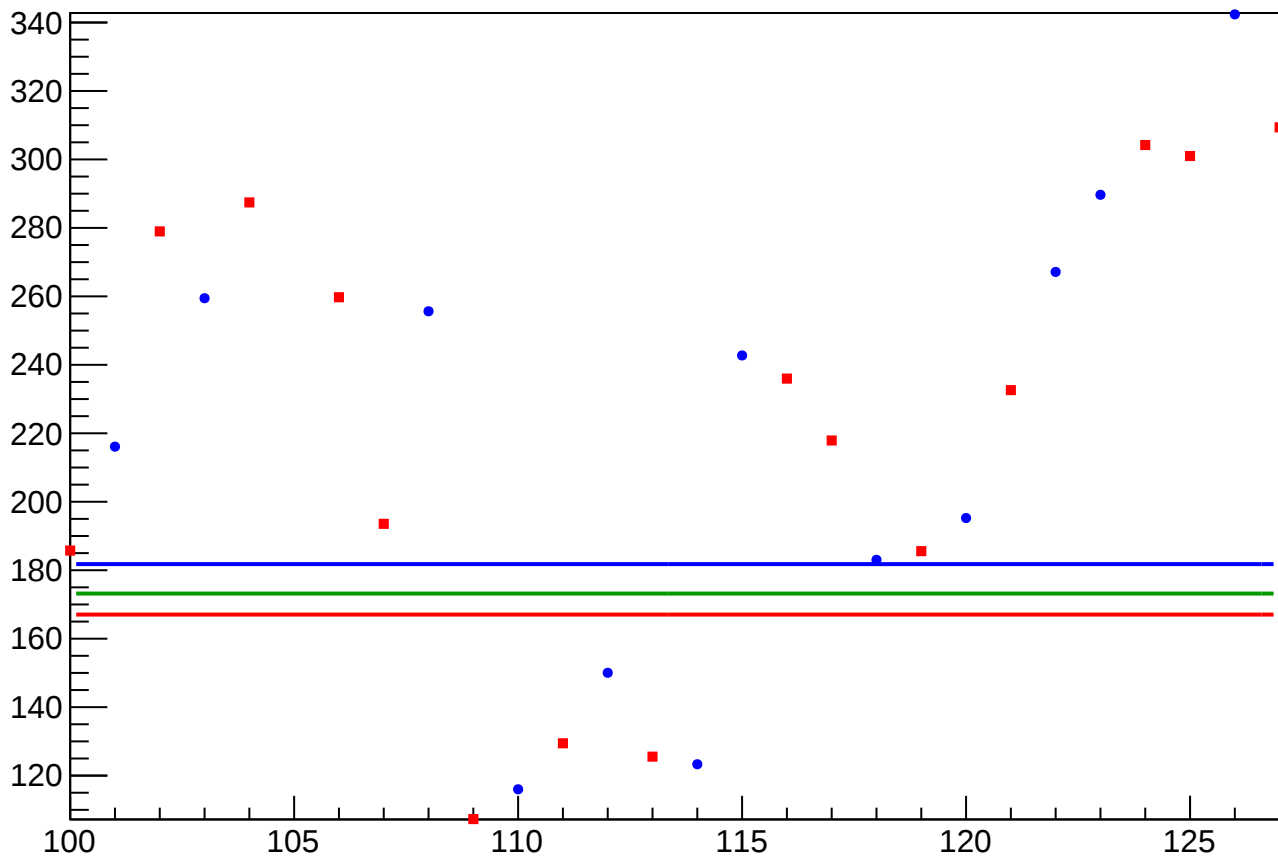
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.817+/-94.567 χ^2/NDF : 1.5/11

62.694+/-61.030 χ^2/NDF : 5.0/26

39.765+/-79.896 χ^2/NDF : 3.3/14

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 181.783 $\pm$ 0.067 χ^2 /NDF: 769404.8/11

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

Right Out: 167.044 $\pm$ 0.056 χ^2 /NDF: 1353852.8/14

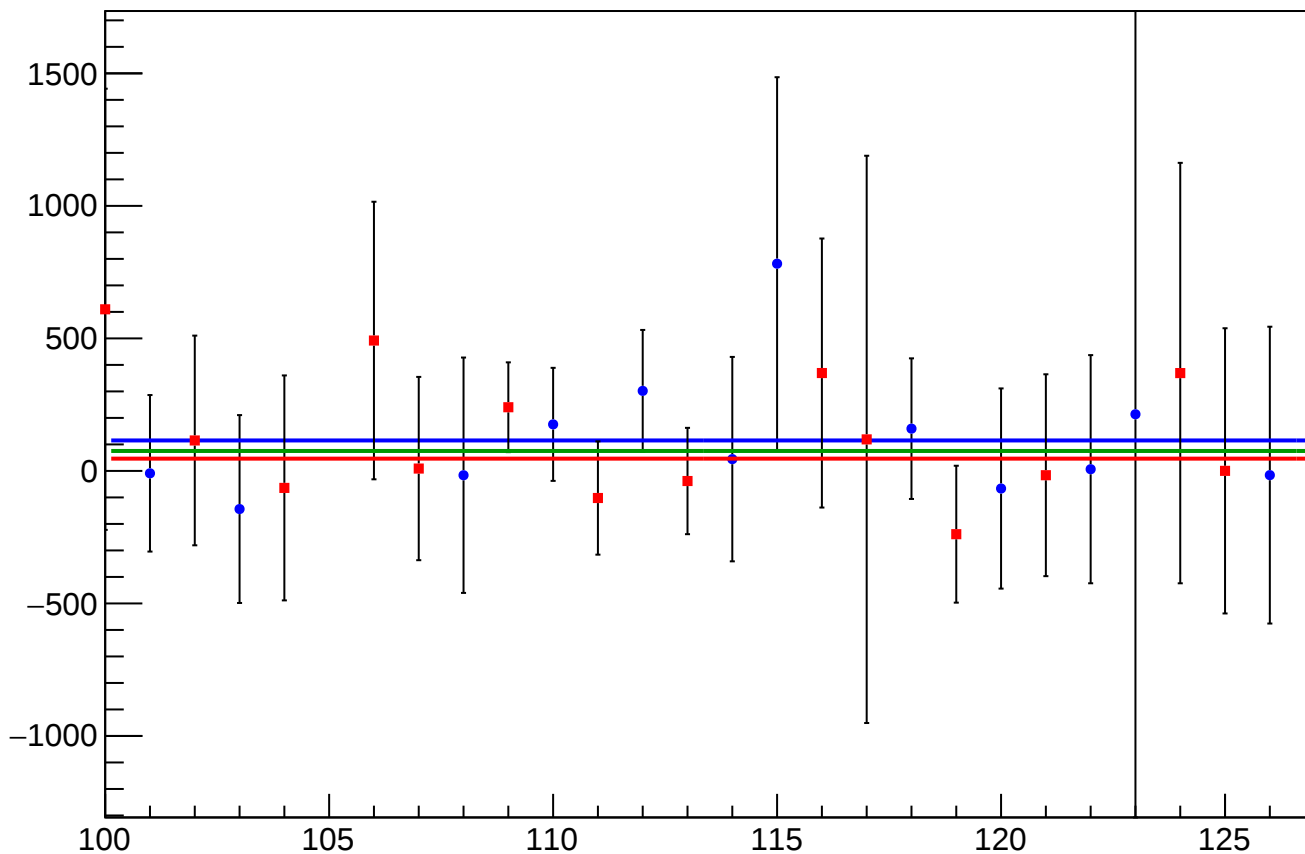
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

181.783 $\pm$ 0.067 χ^2 /NDF: 769404.8/11

173.183 $\pm$ 0.043 χ^2 /NDF: 2151603.9/26

167.044 $\pm$ 0.056 χ^2 /NDF: 1353852.8/14

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 114.967 +/- 97.875 χ^2/NDF : 2.9/11

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

Right Out: 46.336 +/- 83.574 χ^2/NDF : 5.1/14

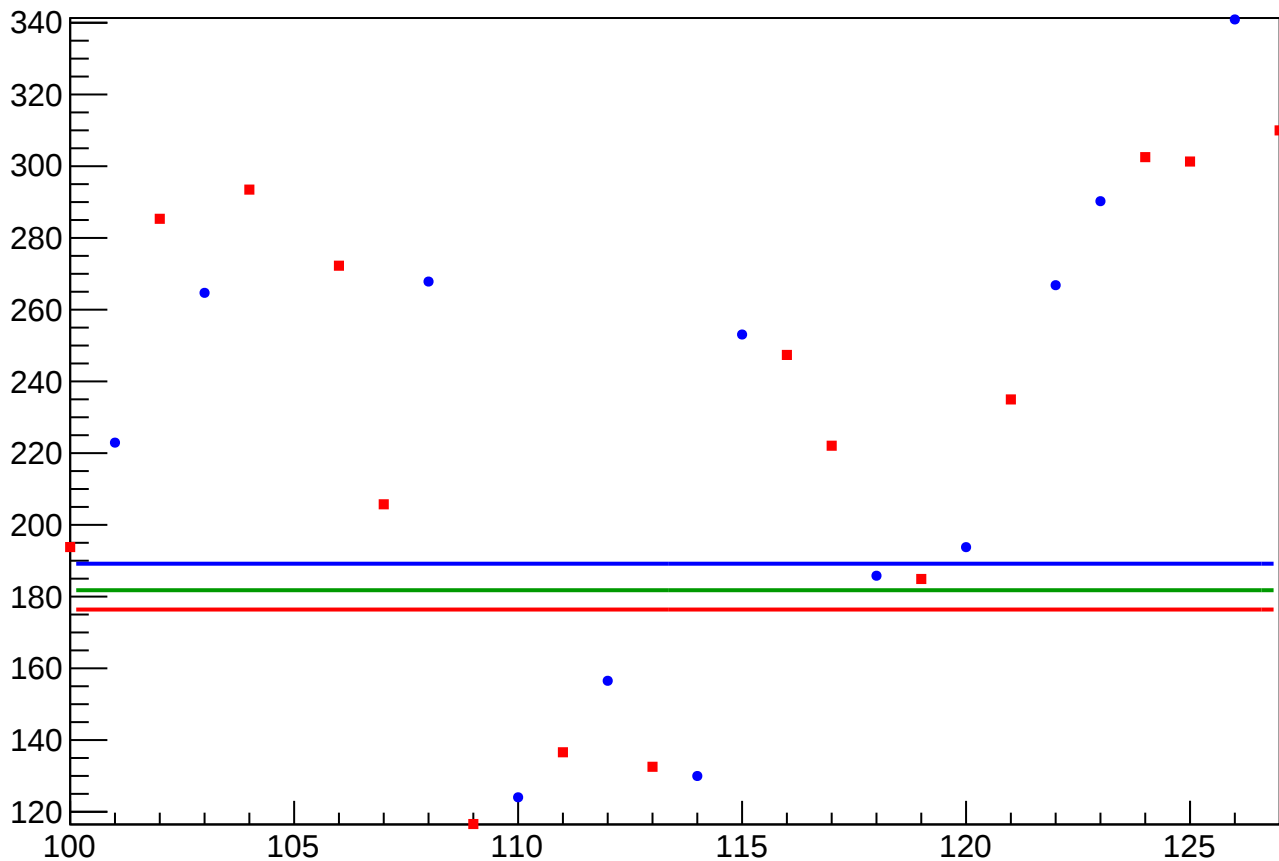
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

114.967 +/- 97.875 χ^2/NDF : 2.9/11

75.276 +/- 63.556 χ^2/NDF : 8.3/26

46.336 +/- 83.574 χ^2/NDF : 5.1/14

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 189.171+/-0.069 χ^2/NDF : 691689.6/11

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

Right Out: 176.391+/-0.059 χ^2/NDF : 1211390.6/14

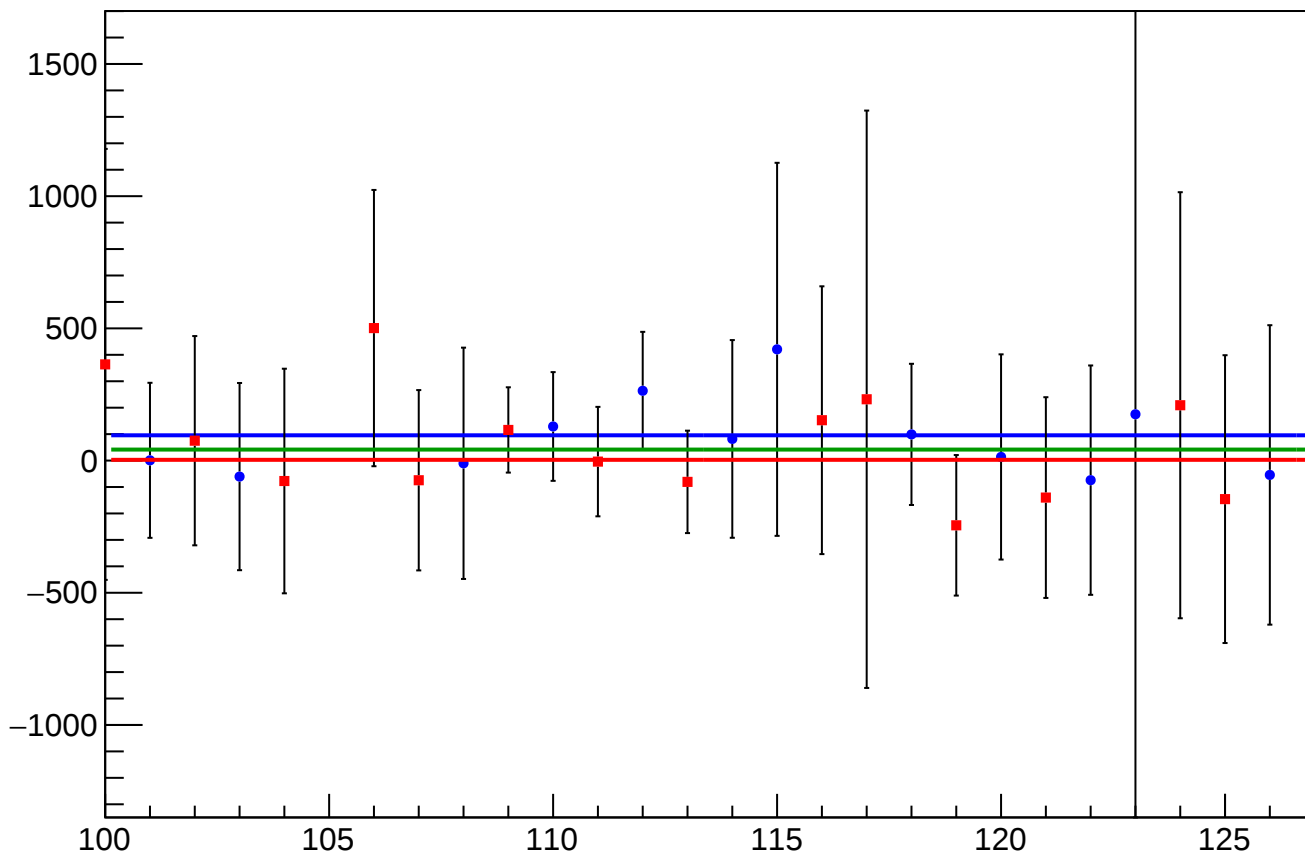
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.171+/-0.069 χ^2/NDF : 691689.6/11

181.780+/-0.045 χ^2/NDF : 1922800.6/26

176.391+/-0.059 χ^2/NDF : 1211390.6/14

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 95.589+/-96.536 χ^2/NDF : 1.4/11

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

Right Out: 2.815+/-81.838 χ^2/NDF : 3.2/14

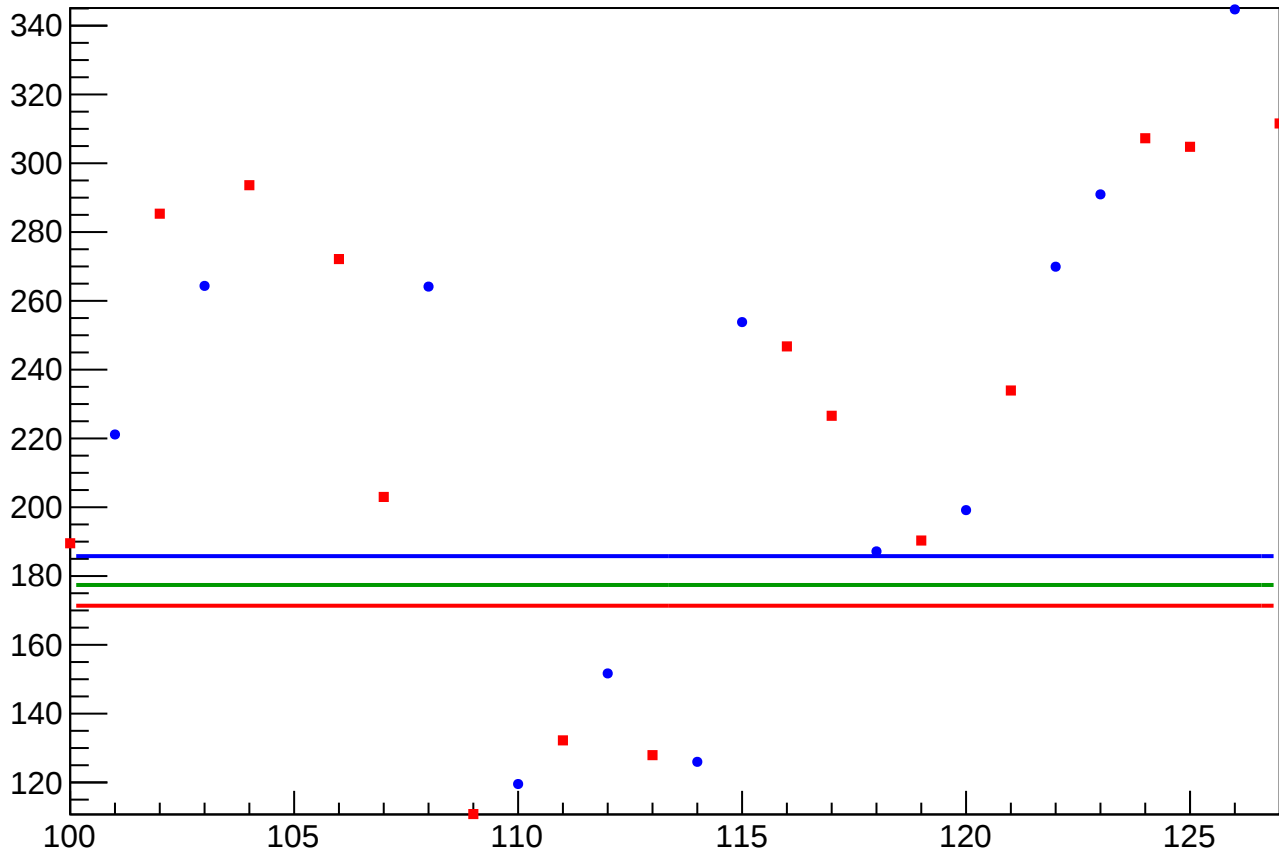
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.589+/-96.536 χ^2/NDF : 1.4/11

41.609+/-62.425 χ^2/NDF : 5.2/26

2.815+/-81.838 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 185.787 $\pm$ 0.068 χ^2 /NDF: 760697.0/11

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

Right Out: 171.374 $\pm$ 0.058 χ^2 /NDF: 1343929.6/14

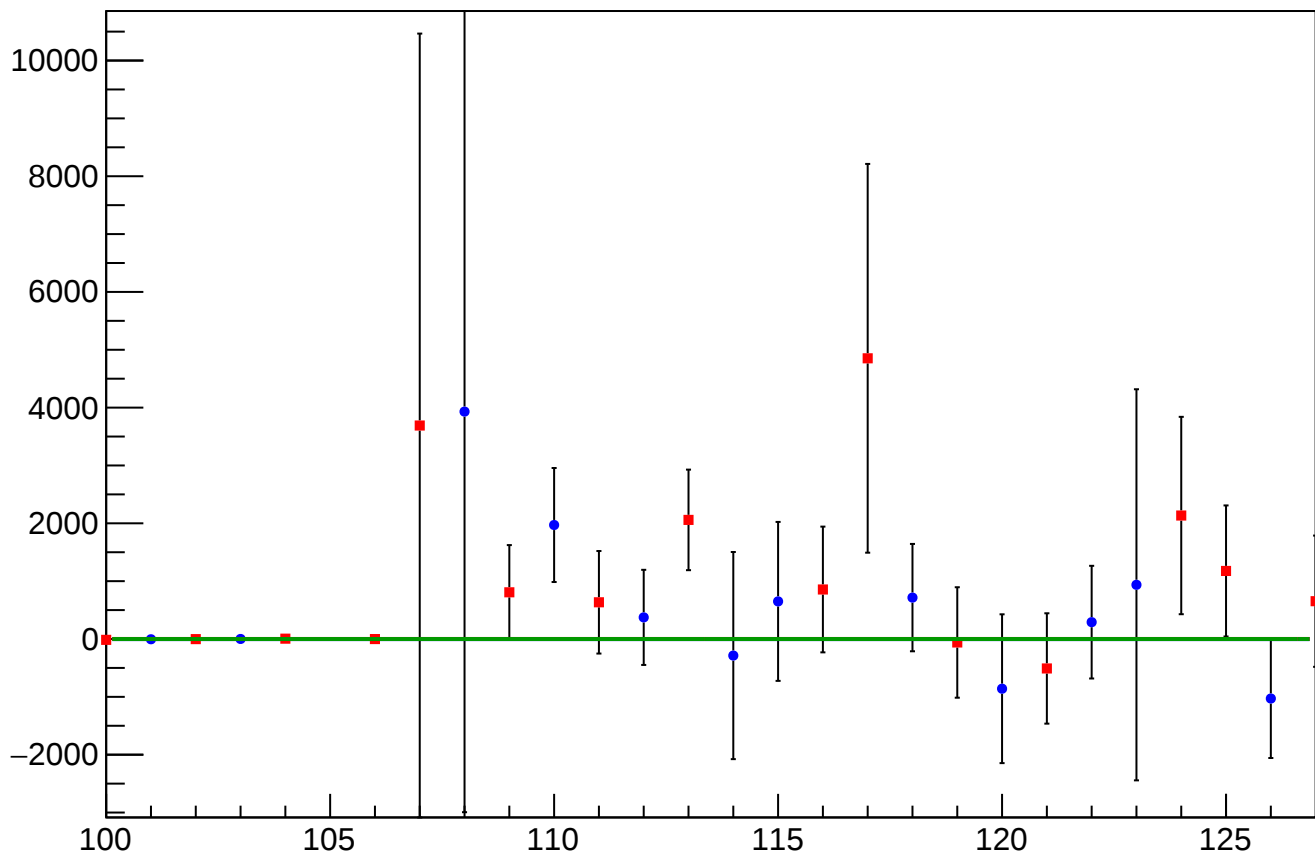
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

185.787 $\pm$ 0.068 χ^2 /NDF: 760697.0/11

177.401 $\pm$ 0.044 χ^2 /NDF: 2130568.3/26

171.374 $\pm$ 0.058 χ^2 /NDF: 1343929.6/14

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.507+/-2.251 χ^2/NDF : 8.3/11

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

Right Out: 0.745+/-2.111 χ^2/NDF : 19.3/14

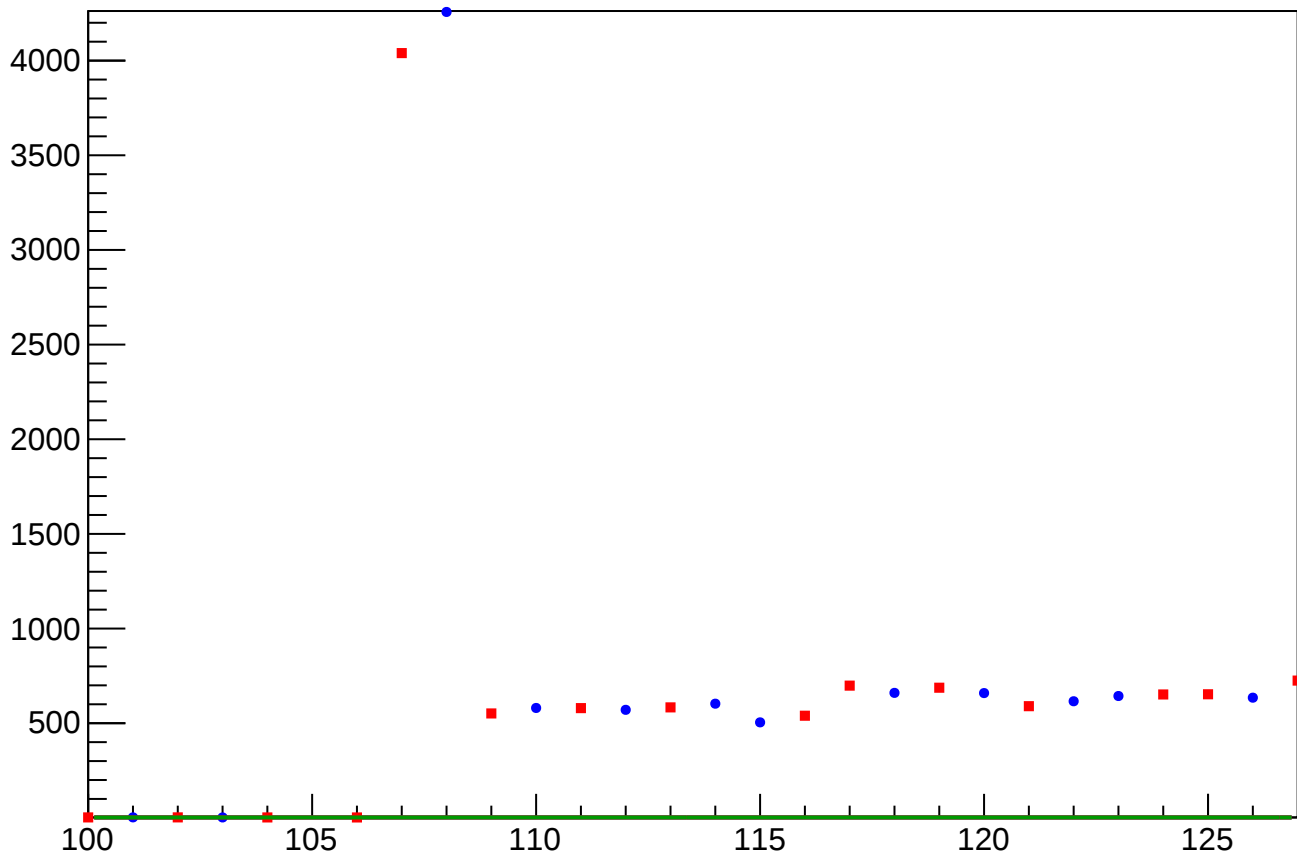
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.507+/-2.251 χ^2/NDF : 8.3/11

-0.308+/-1.540 χ^2/NDF : 28.1/26

0.745+/-2.111 χ^2/NDF : 19.3/14

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.433 $\pm$ 0.002 χ^2 /NDF: 6052895.0/11

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

Right Out: 2.421 $\pm$ 0.001 χ^2 /NDF: 7493826.8/14

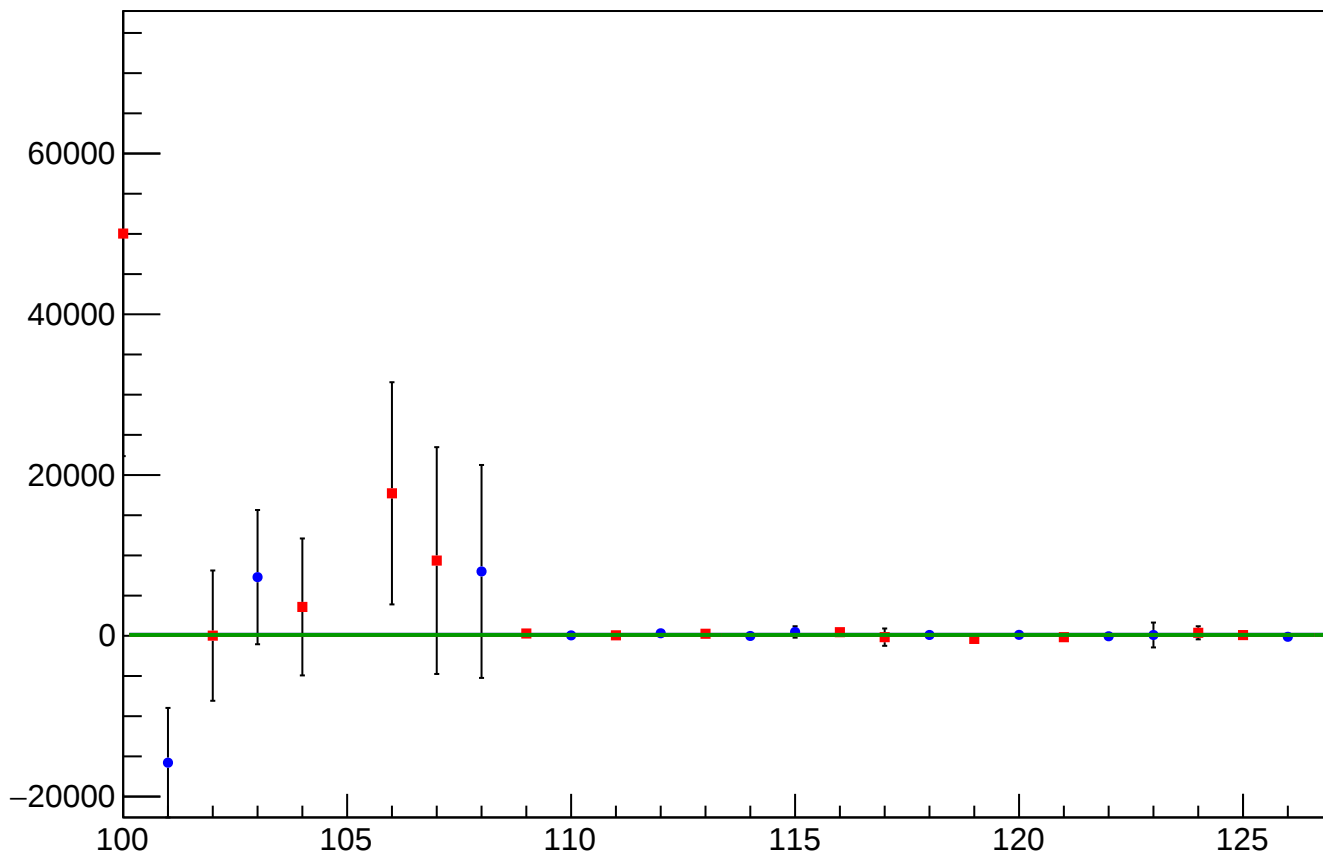
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.433 $\pm$ 0.002 χ^2 /NDF: 6052895.0/11

2.426 $\pm$ 0.001 χ^2 /NDF: 13546752.7/26

2.421 $\pm$ 0.001 χ^2 /NDF: 7493826.8/14

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 120.630+/-112.952 χ^2/NDF : 8.1/11

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

Right Out: 104.556+/-100.422 χ^2/NDF : 10.8/14

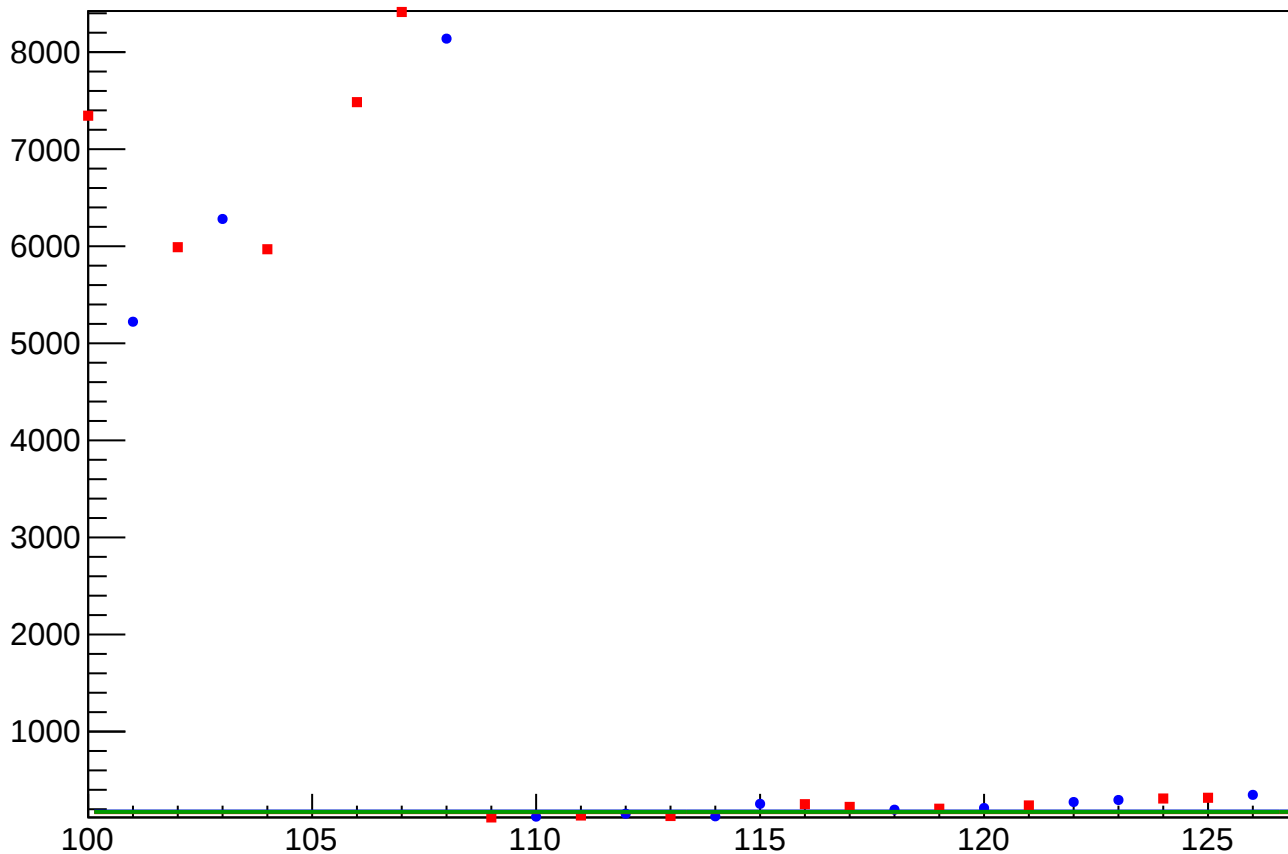
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.630+/-112.952 χ^2/NDF : 8.1/11

111.653+/-75.050 χ^2/NDF : 19.0/26

104.556+/-100.422 χ^2/NDF : 10.8/14

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 175.890+/-0.080 χ^2/NDF : 3407162.0/11

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

Right Out: 169.749+/-0.071 χ^2/NDF : 4117064.2/14

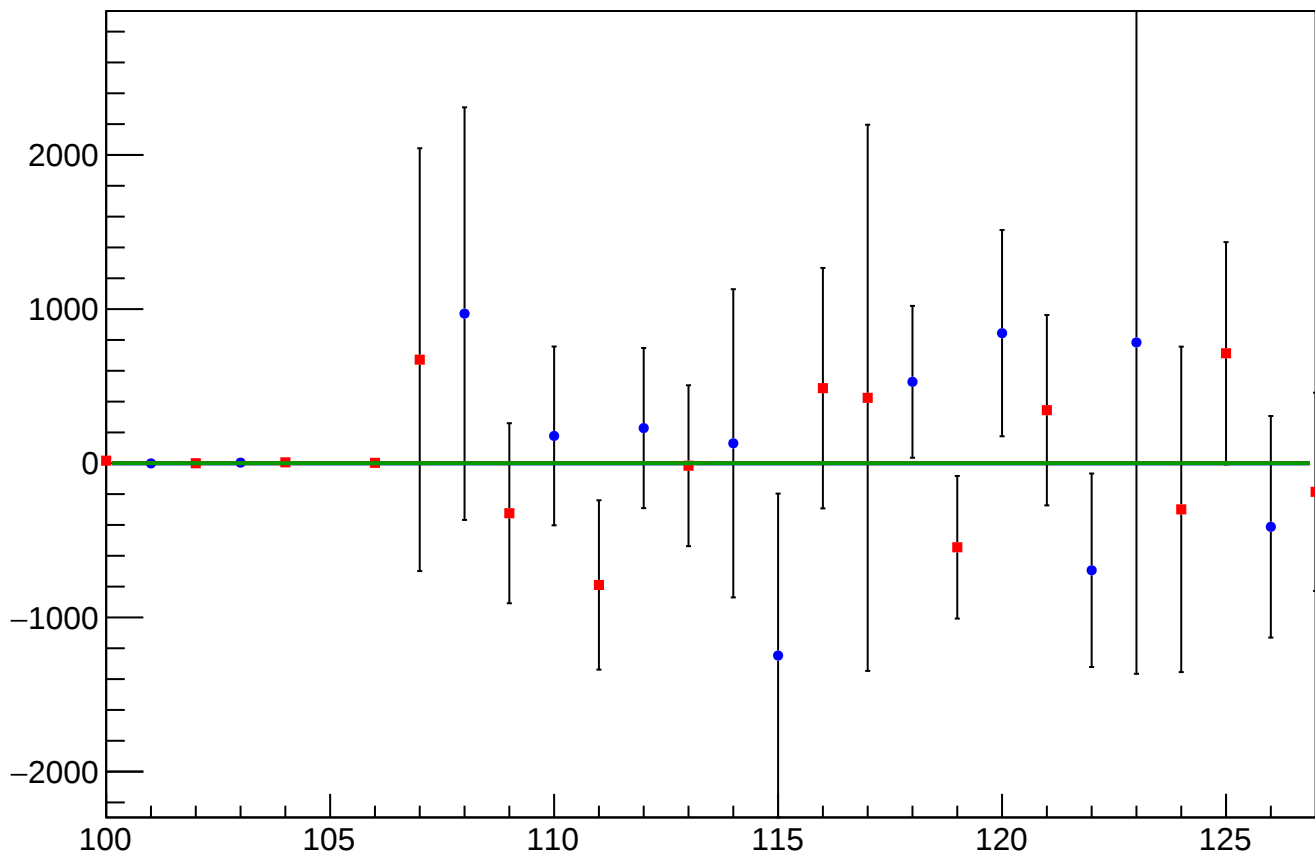
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.890+/-0.080 χ^2/NDF : 3407162.0/11

172.460+/-0.053 χ^2/NDF : 7527527.9/26

169.749+/-0.071 χ^2/NDF : 4117064.2/14

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.152 ± 1.737 $\chi^2/\text{NDF}: 7.5/11$

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

Right Out: 1.325 ± 1.623 $\chi^2/\text{NDF}: 8.6/14$

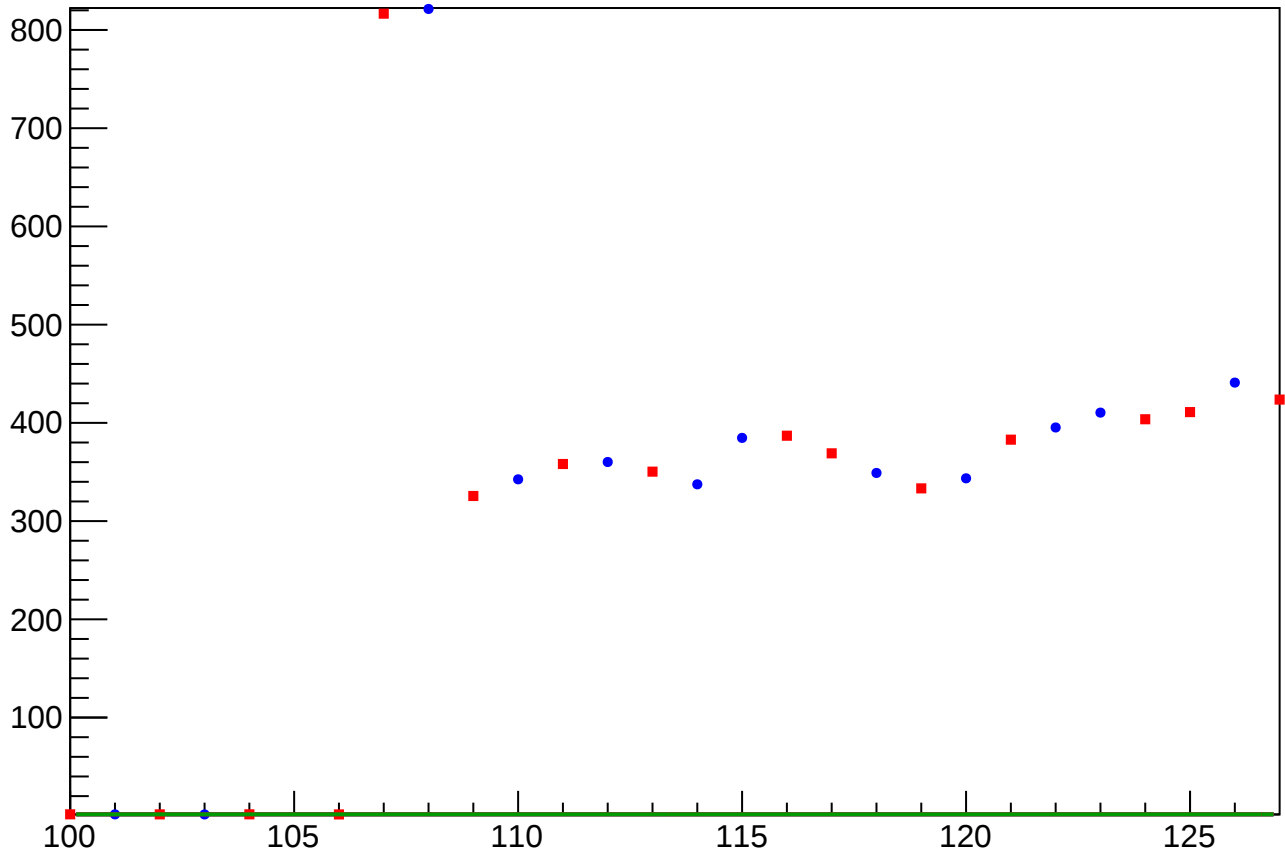
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.152 ± 1.737 $\chi^2/\text{NDF}: 7.5/11$

0.637 ± 1.186 $\chi^2/\text{NDF}: 16.5/26$

1.325 ± 1.623 $\chi^2/\text{NDF}: 8.6/14$

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.434+/-0.001 χ^2/NDF : 6017647.1/11

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

Right Out: 1.439+/-0.001 χ^2/NDF : 7226909.0/14

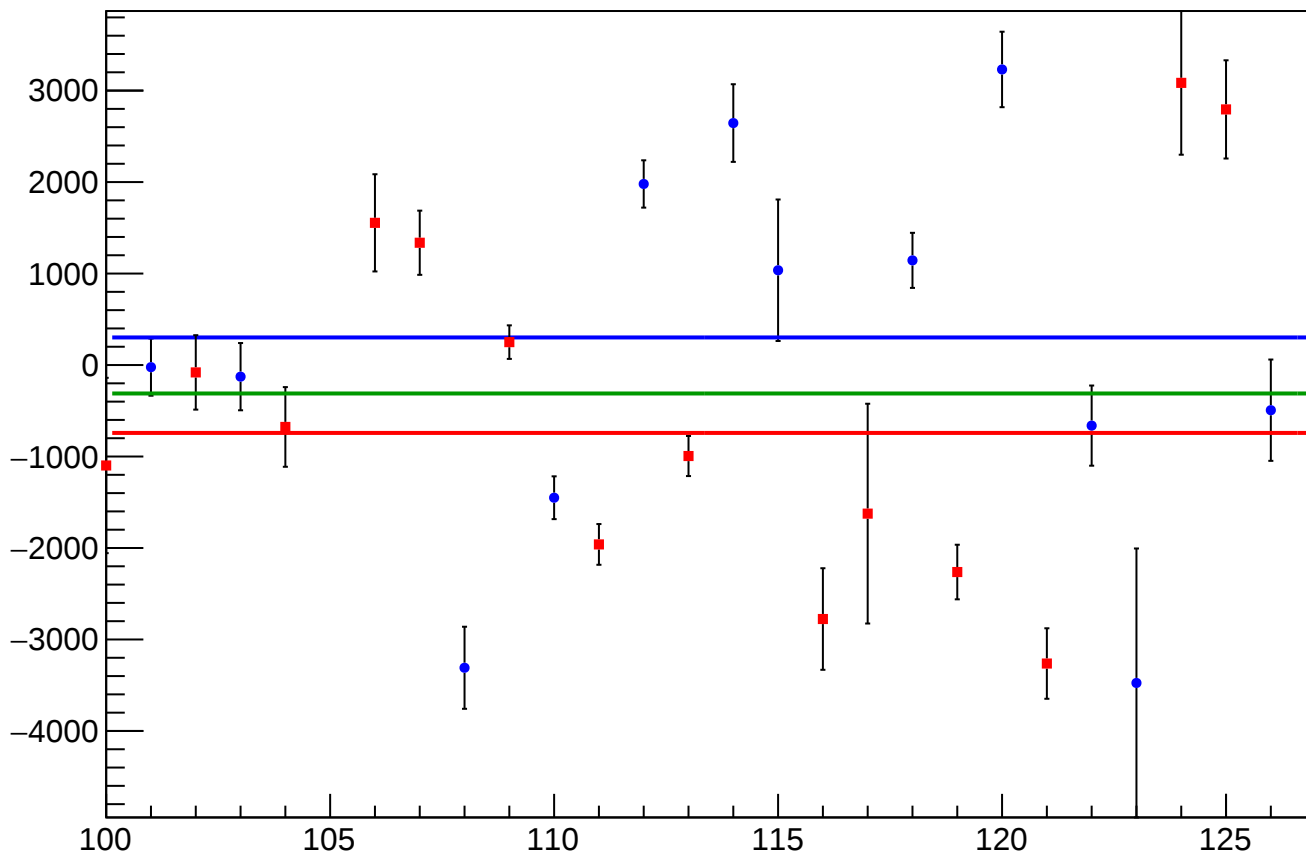
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.434+/-0.001 χ^2/NDF : 6017647.1/11

1.437+/-0.001 χ^2/NDF : 13244564.1/26

1.439+/-0.001 χ^2/NDF : 7226909.0/14

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 301.566 $\pm$ 106.048 χ^2 /NDF: 268.5/11

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

Right Out: -742.134 $\pm$ 88.981 χ^2 /NDF: 274.7/14

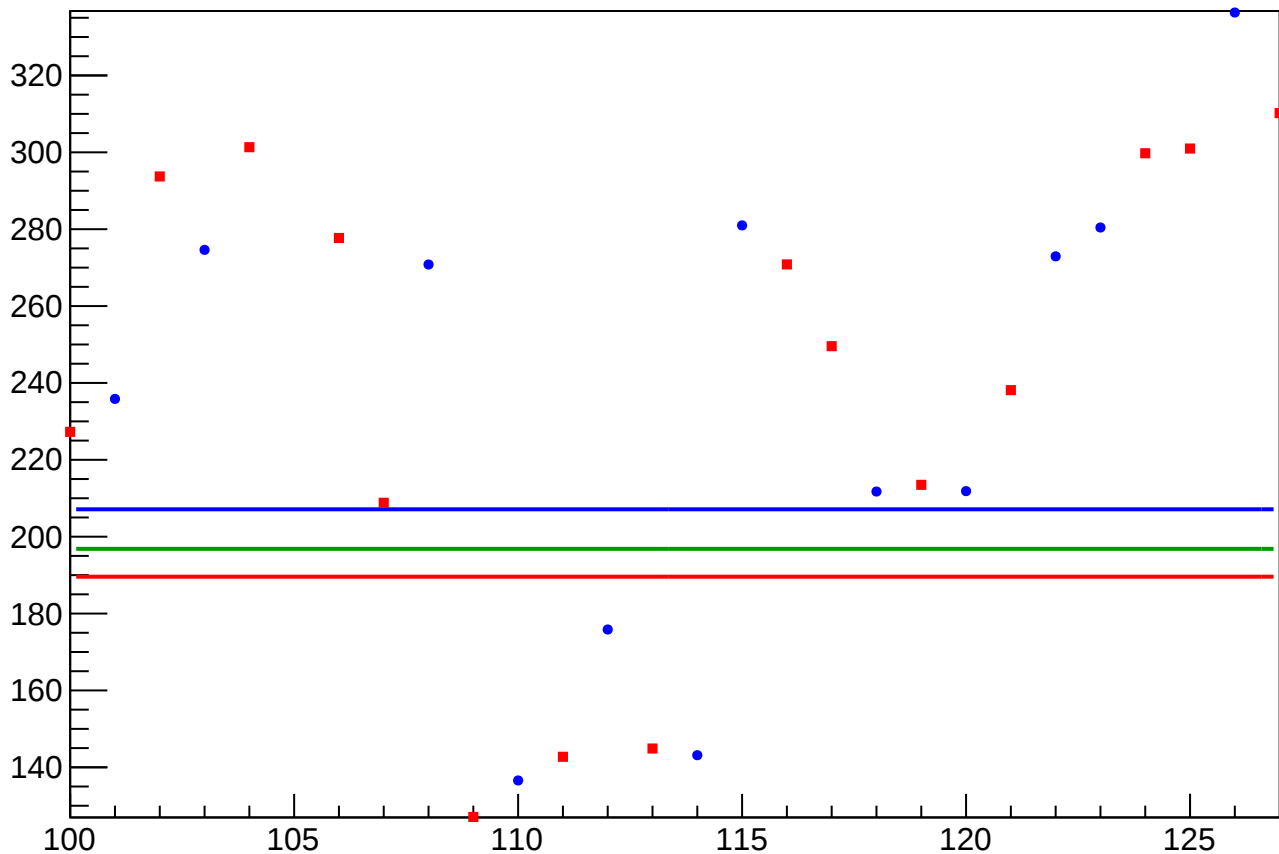
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

301.566 $\pm$ 106.048 χ^2 /NDF: 268.5/11

-310.920 $\pm$ 68.165 χ^2 /NDF: 600.0/26

-742.134 $\pm$ 88.981 χ^2 /NDF: 274.7/14

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 207.125+/-0.075 χ^2/NDF : 559257.7/11

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

Right Out: 189.595+/-0.063 χ^2/NDF : 1079609.0/14

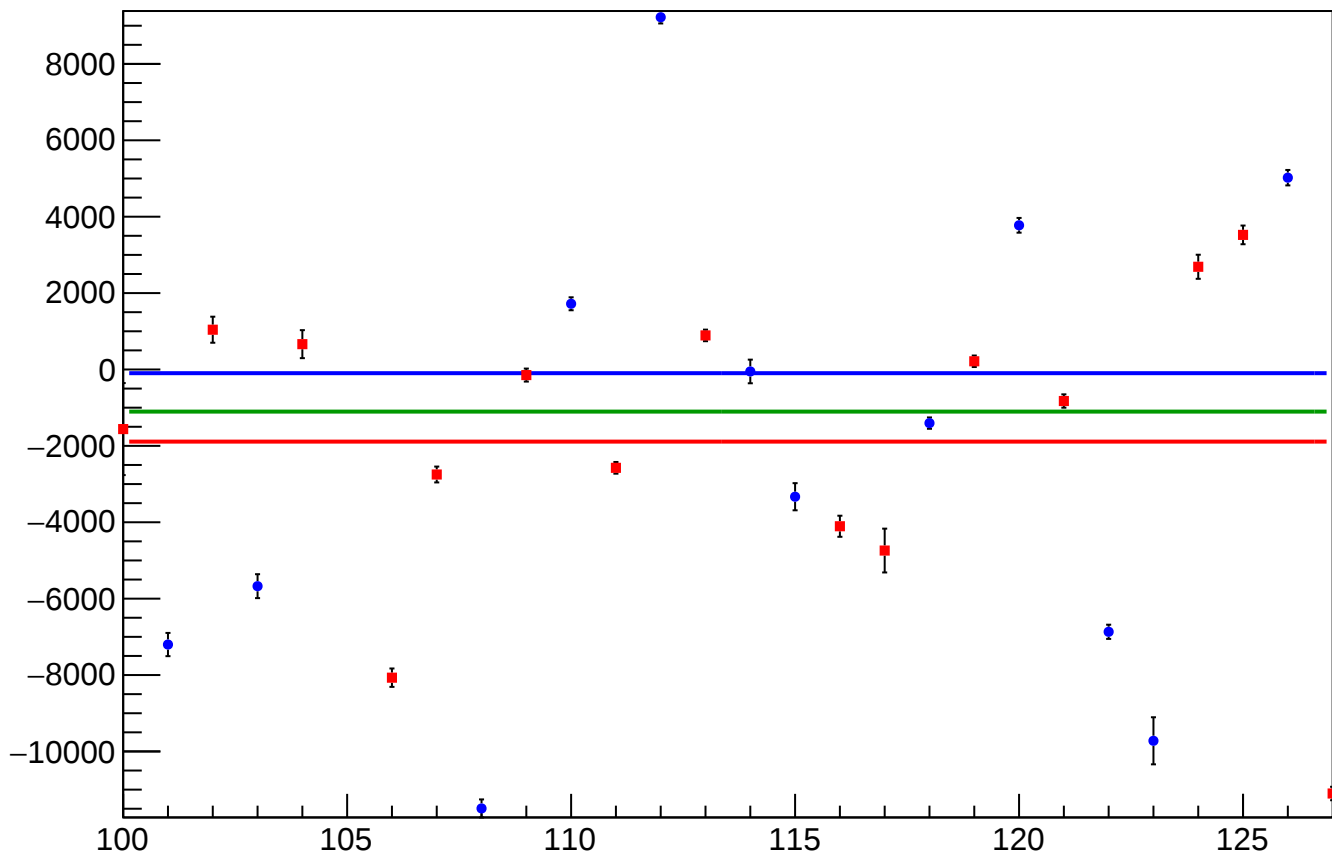
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

207.125+/-0.075 χ^2/NDF : 559257.7/11

196.837+/-0.048 χ^2/NDF : 1670937.8/26

189.595+/-0.063 χ^2/NDF : 1079609.0/14

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -96.887 +/- 62.249 χ^2/NDF : 9350.4/11

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

Right Out: -1888.452 +/- 55.025 χ^2/NDF : 5014.0/14

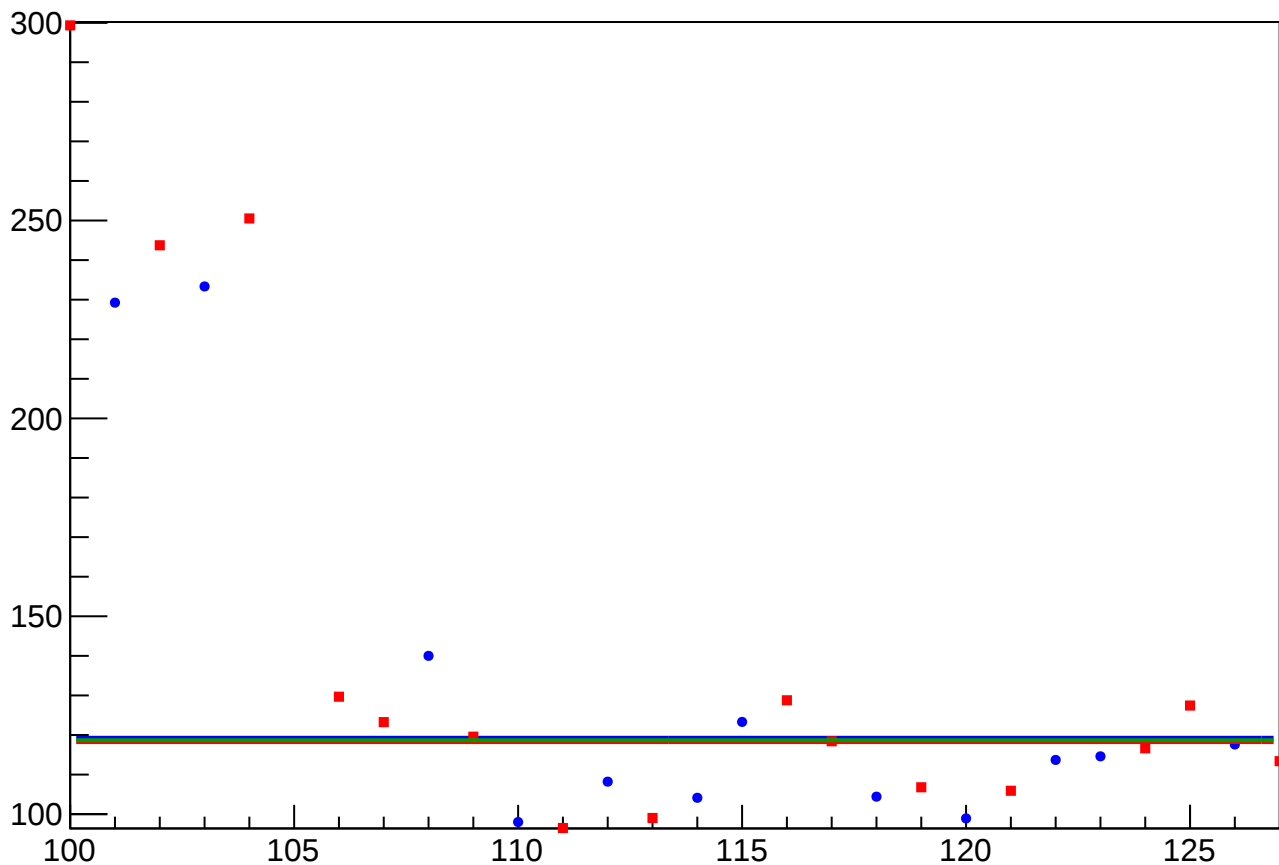
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-96.887 +/- 62.249 χ^2/NDF : 9350.4/11

-1102.614 +/- 41.227 χ^2/NDF : 14829.3/26

-1888.452 +/- 55.025 χ^2/NDF : 5014.0/14

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.296+/-0.044 χ^2/NDF : 632135.2/11

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

Right Out: 118.214+/-0.039 χ^2/NDF : 683900.6/14

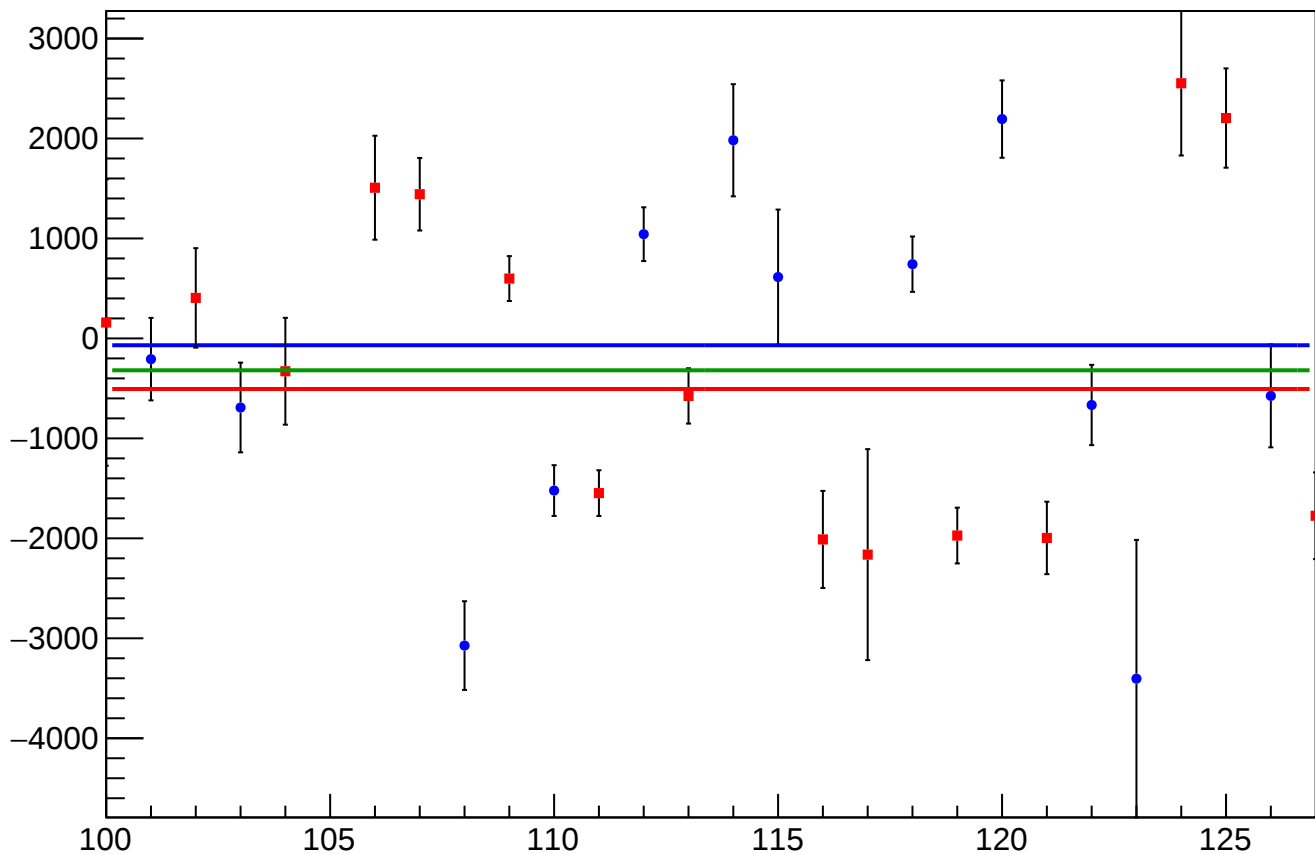
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.296+/-0.044 χ^2/NDF : 632135.2/11

118.688+/-0.029 χ^2/NDF : 1316375.3/26

118.214+/-0.039 χ^2/NDF : 683900.6/14

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -68.484+/-111.226 χ^2/NDF : 163.9/11

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

Right Out: -506.002+/-96.117 χ^2/NDF : 205.4/14

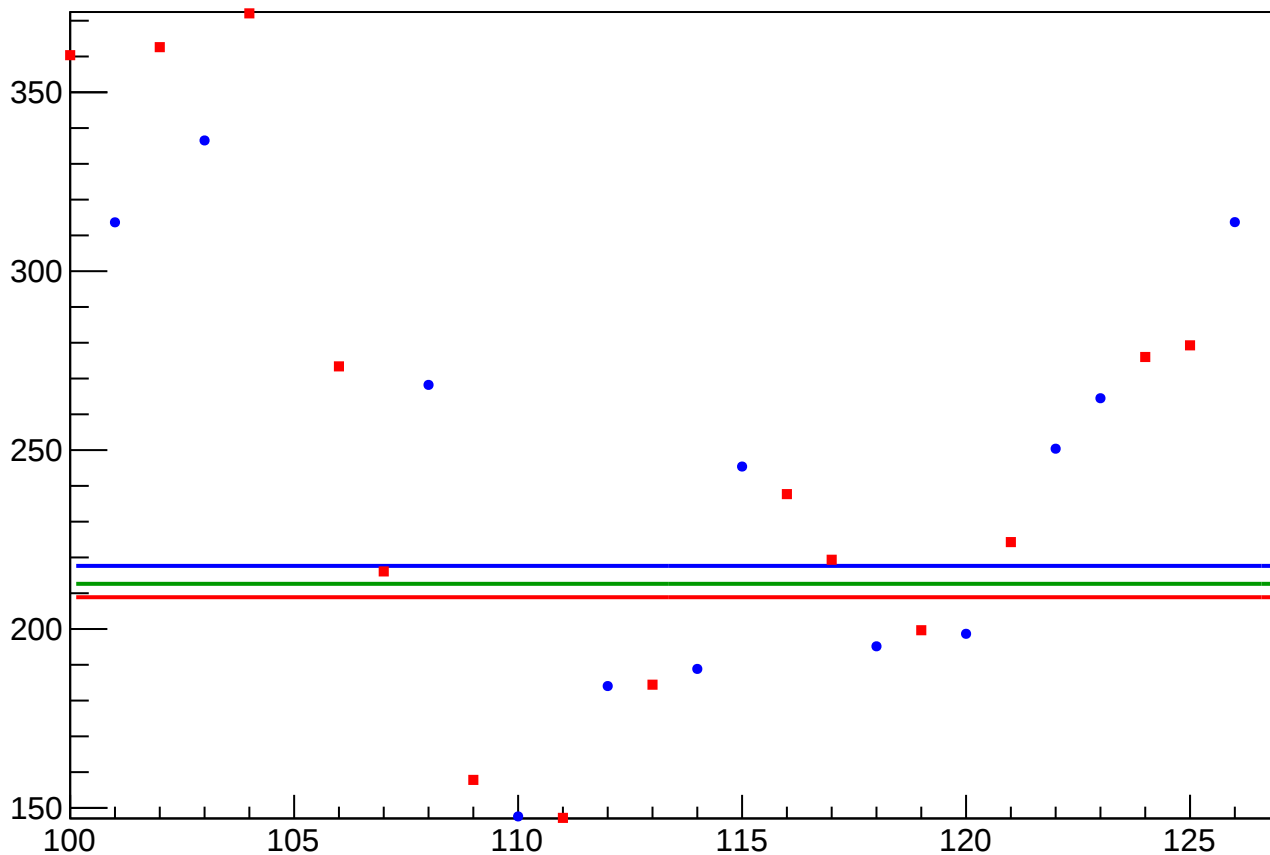
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.484+/-111.226 χ^2/NDF : 163.9/11

-318.956+/-72.725 χ^2/NDF : 378.1/26

-506.002+/-96.117 χ^2/NDF : 205.4/14

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 217.642+/-0.079 χ^2/NDF : 569618.8/11

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

Right Out: 208.883+/-0.068 χ^2/NDF : 828685.8/14

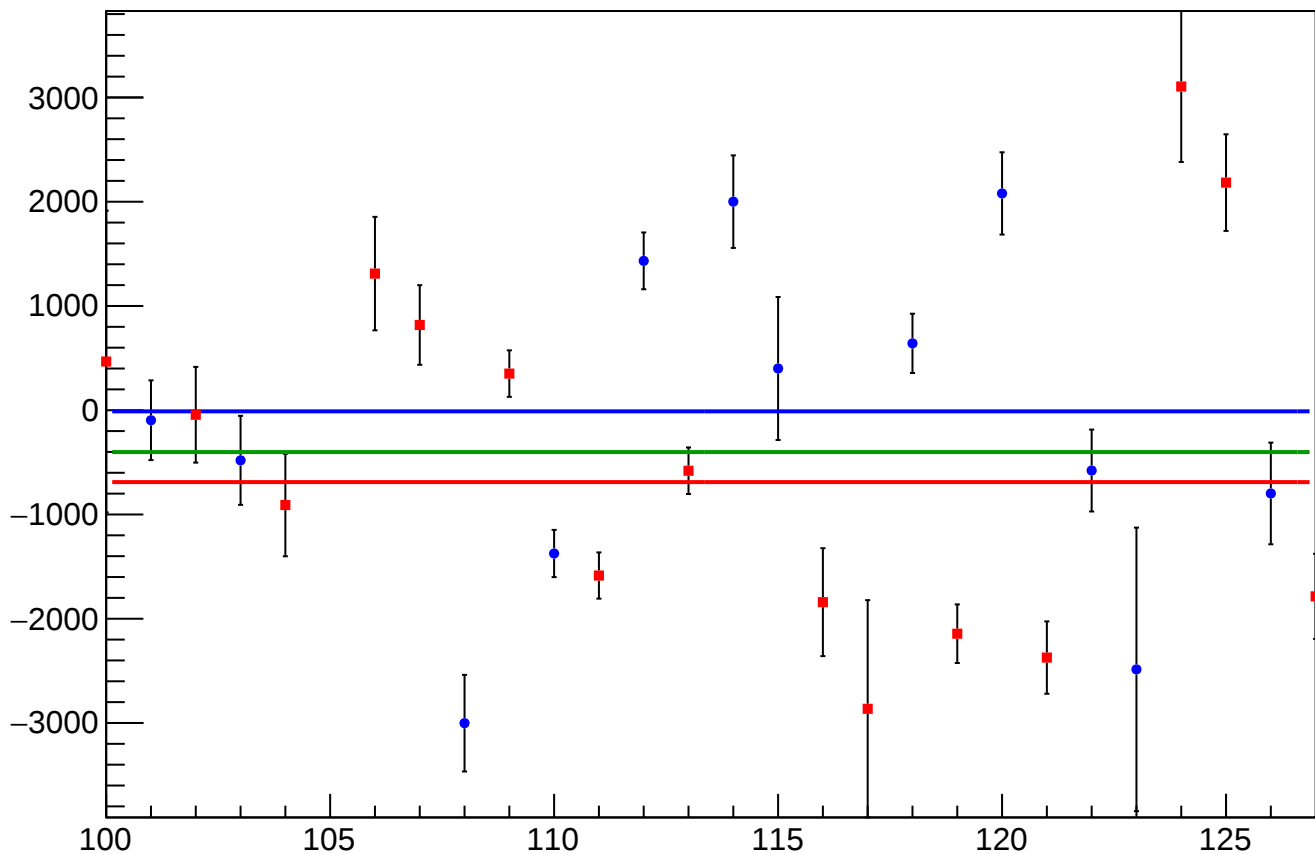
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

217.642+/-0.079 χ^2/NDF : 569618.8/11

212.628+/-0.051 χ^2/NDF : 1405404.7/26

208.883+/-0.068 χ^2/NDF : 828685.8/14

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -10.733+/-107.109 χ^2/NDF : 169.4/11

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

Right Out: -689.404+/-91.954 χ^2/NDF : 202.9/14

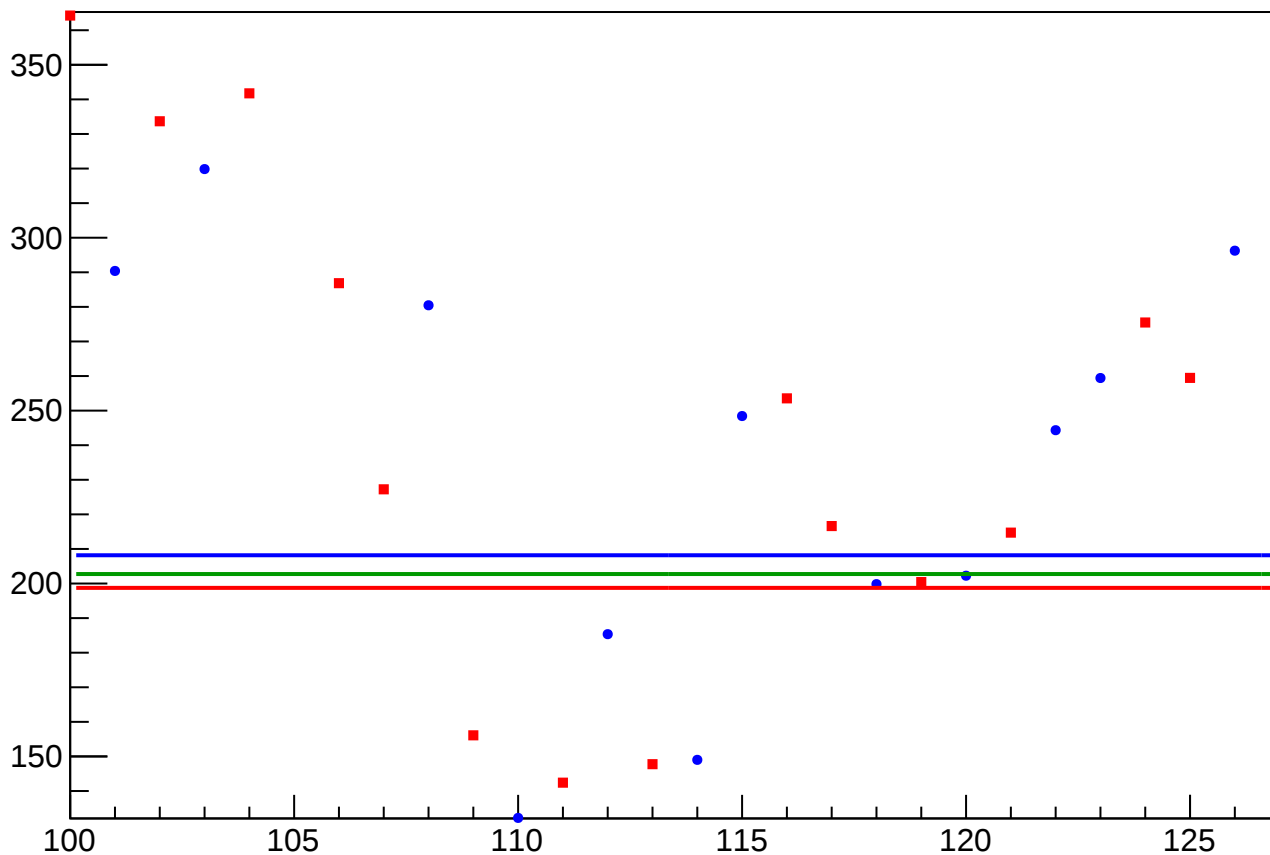
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.733+/-107.109 χ^2/NDF : 169.4/11

-401.439+/-69.770 χ^2/NDF : 395.5/26

-689.404+/-91.954 χ^2/NDF : 202.9/14

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.175+/-0.076 χ^2/NDF : 646527.4/11

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

Right Out: 198.744+/-0.065 χ^2/NDF : 880350.4/14

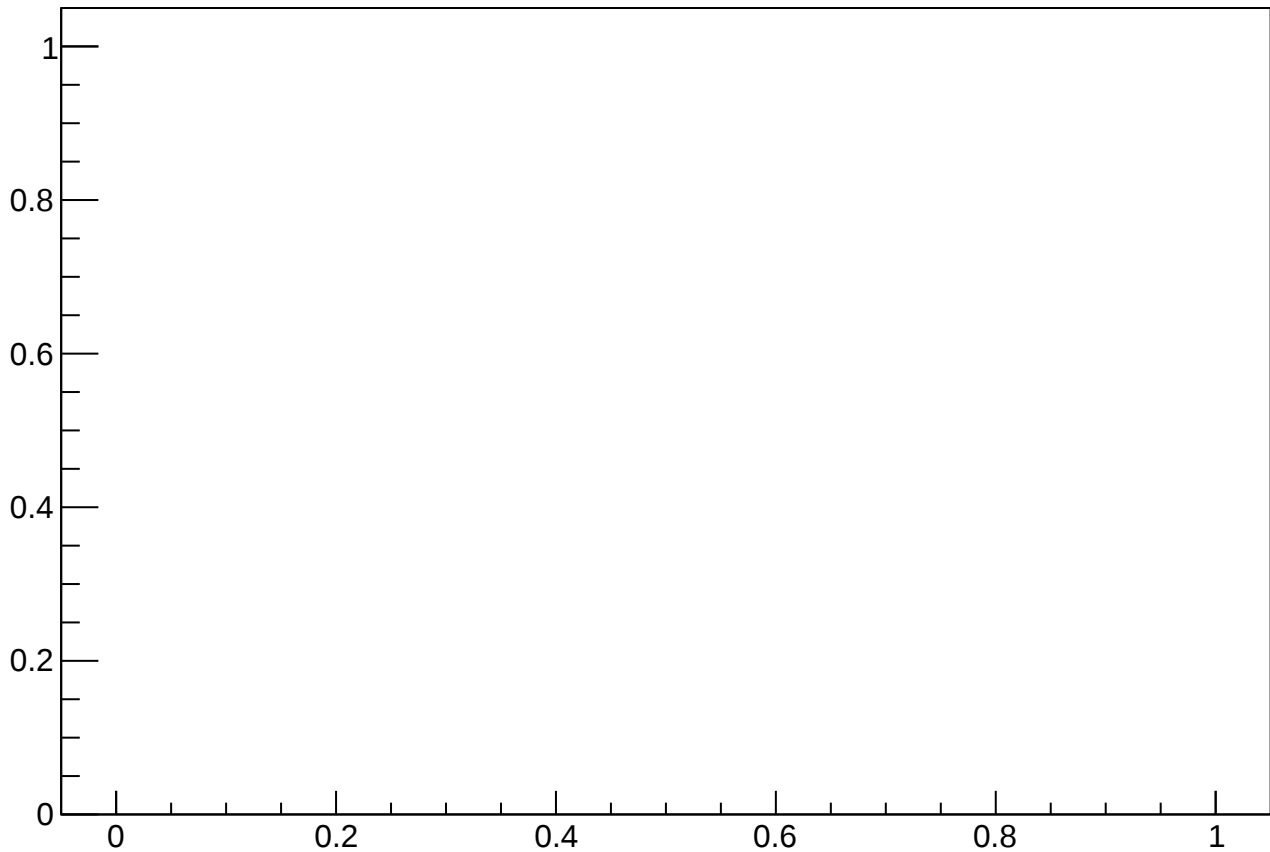
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.175+/-0.076 χ^2/NDF : 646527.4/11

202.746+/-0.049 χ^2/NDF : 1535805.1/26

198.744+/-0.065 χ^2/NDF : 880350.4/14

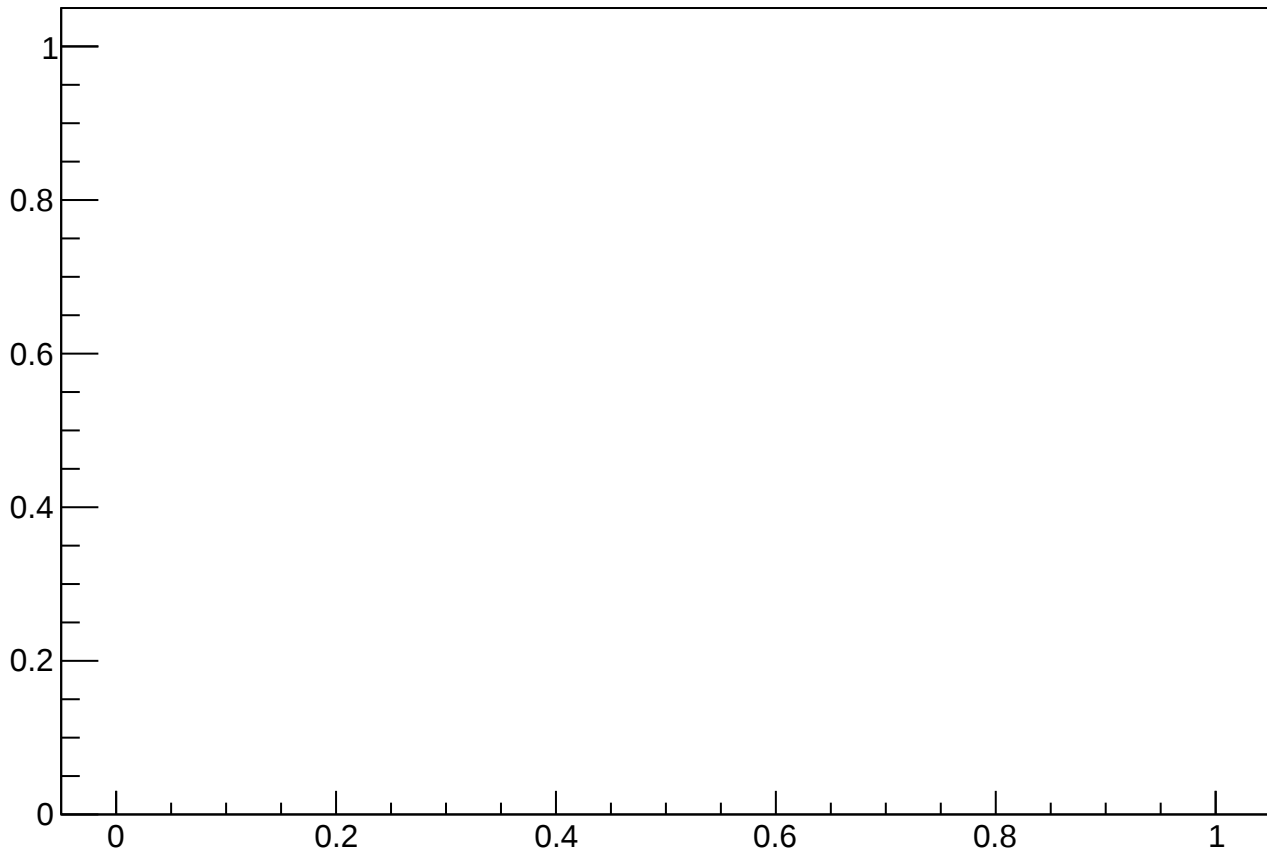
bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

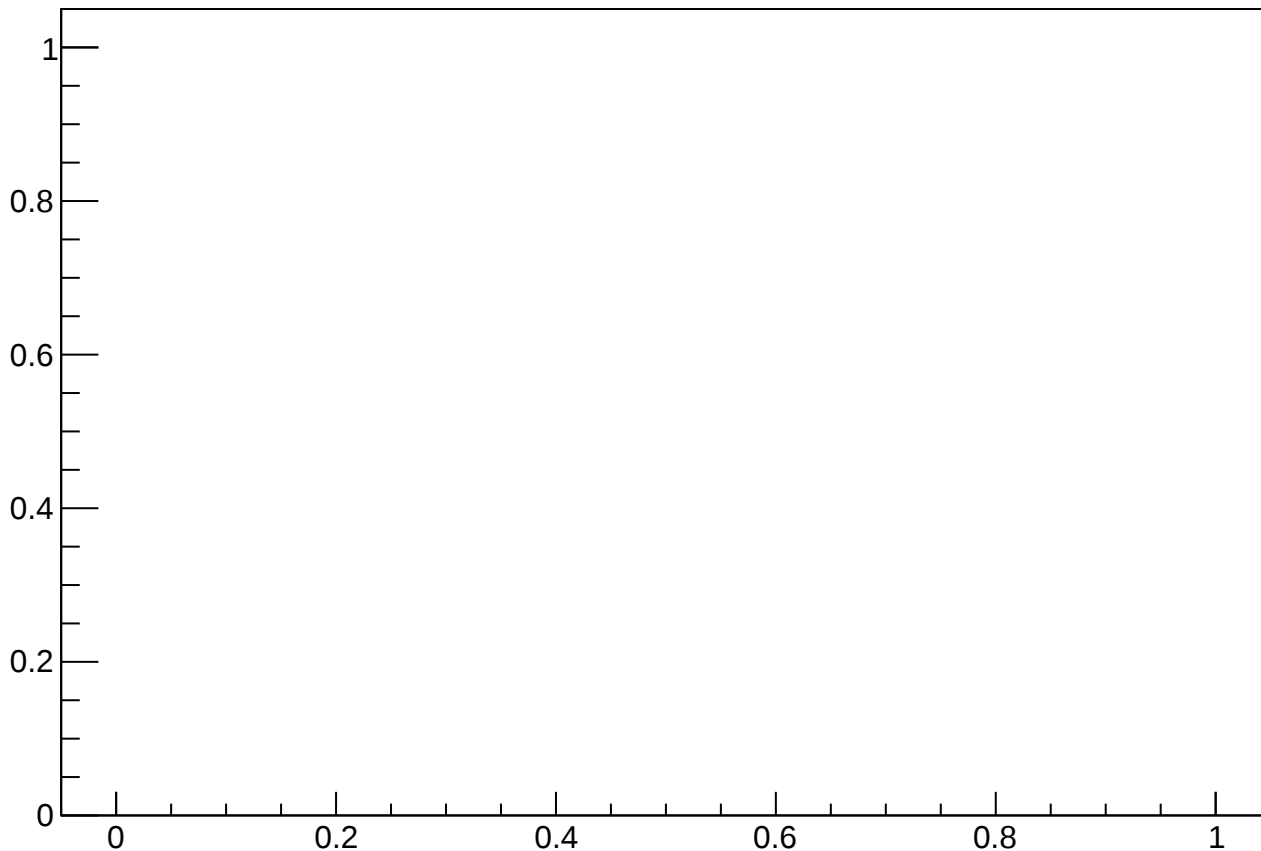
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

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

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

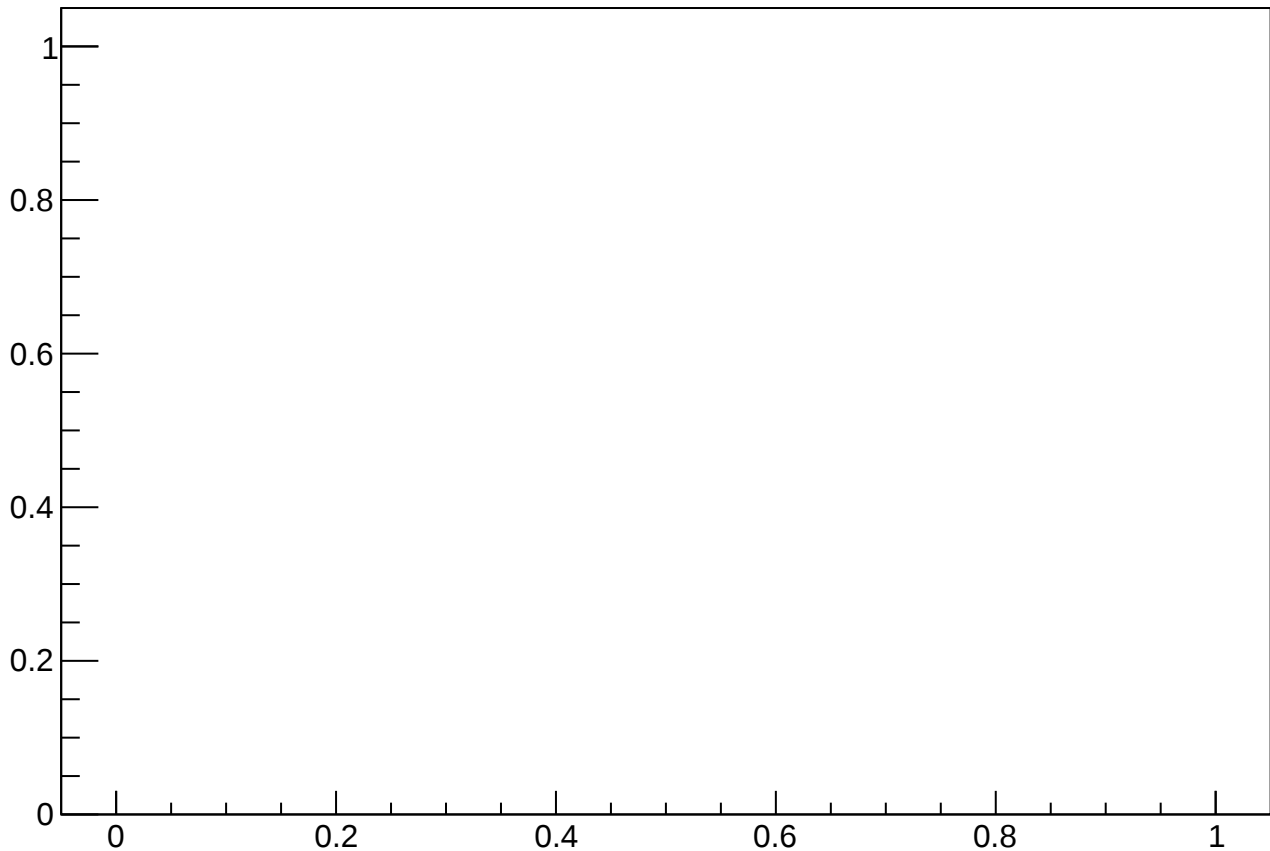
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

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

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

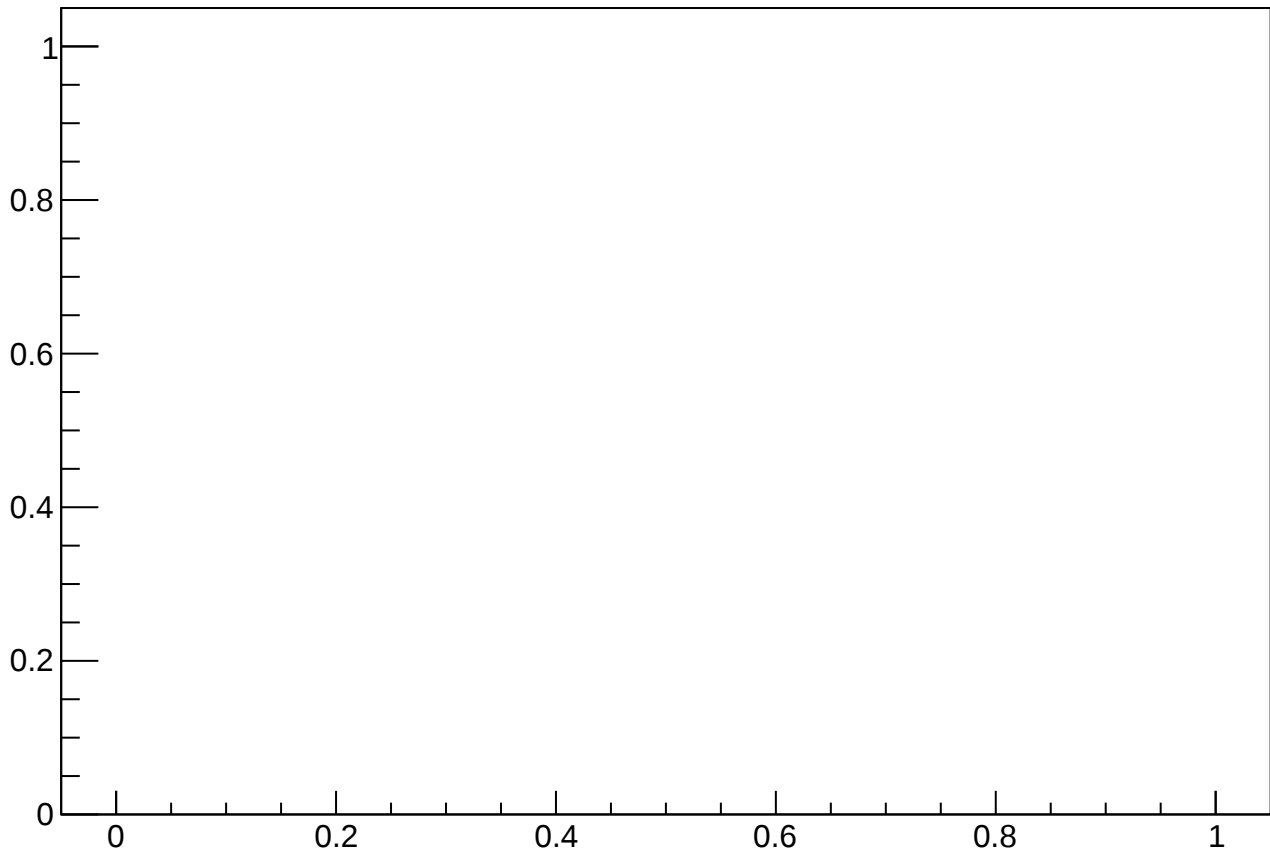
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

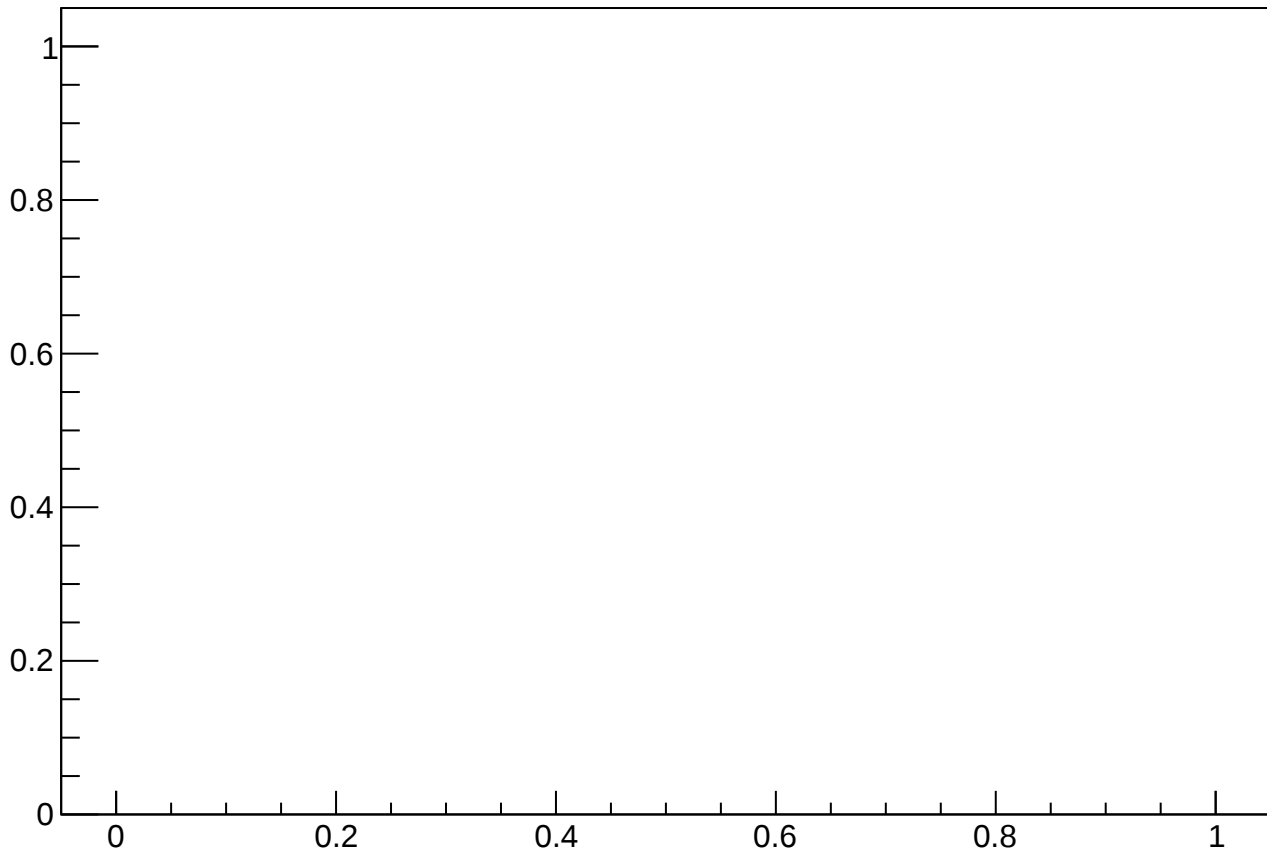
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

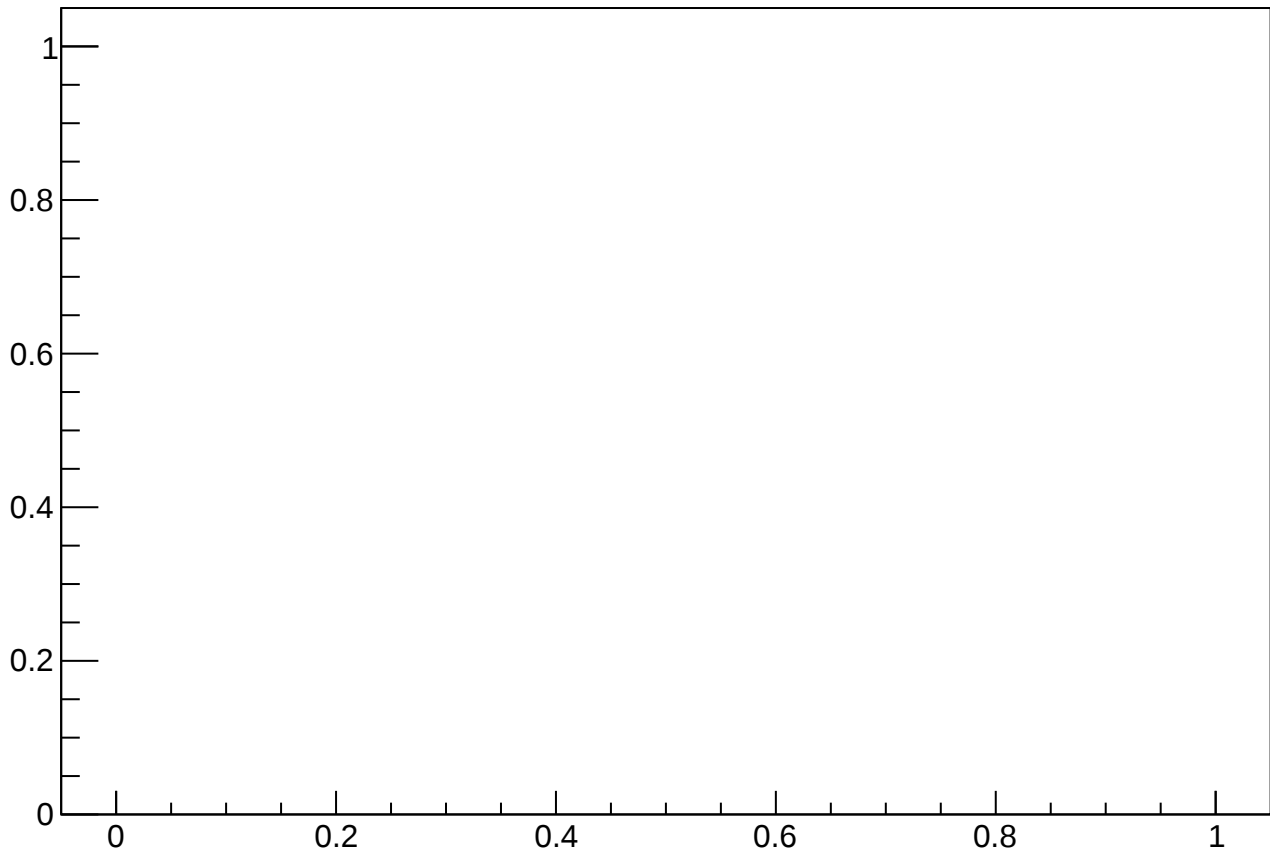
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

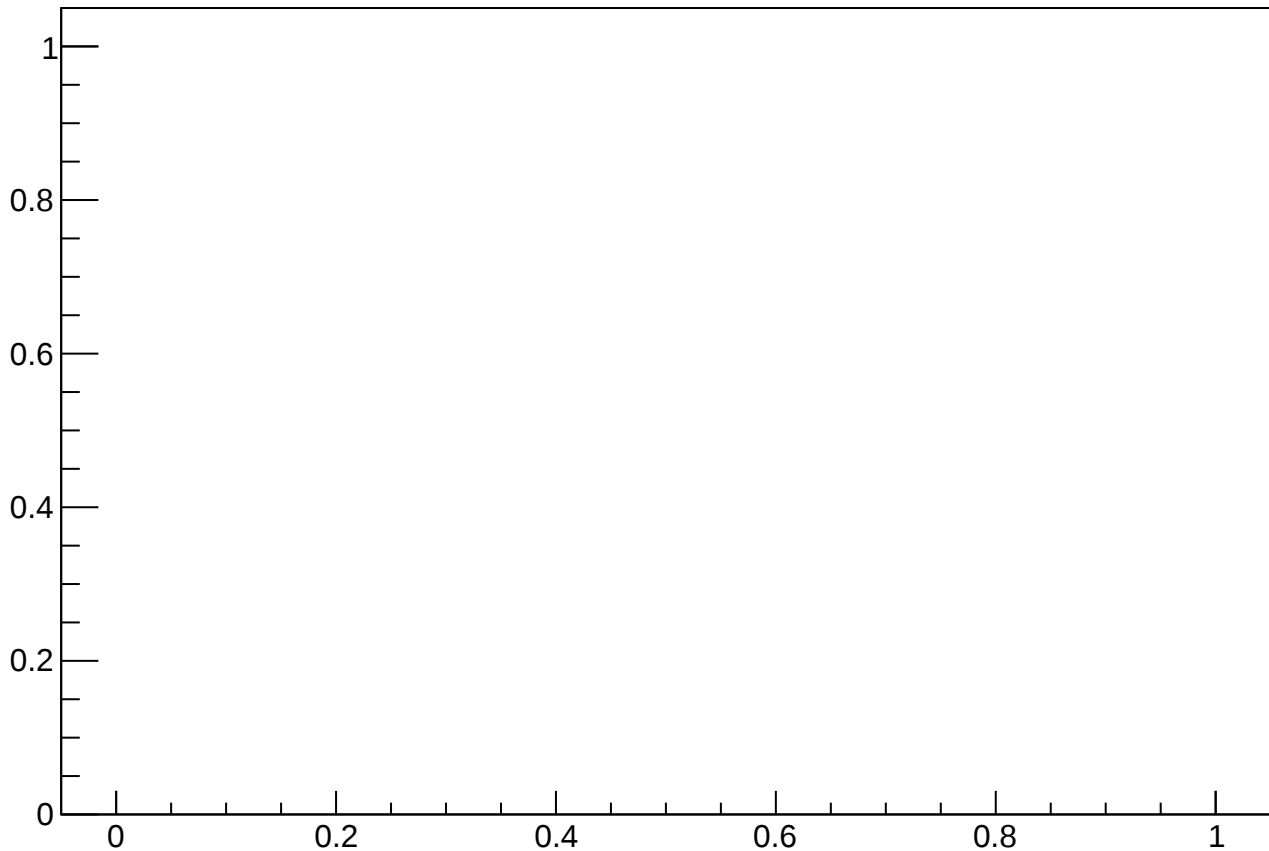
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

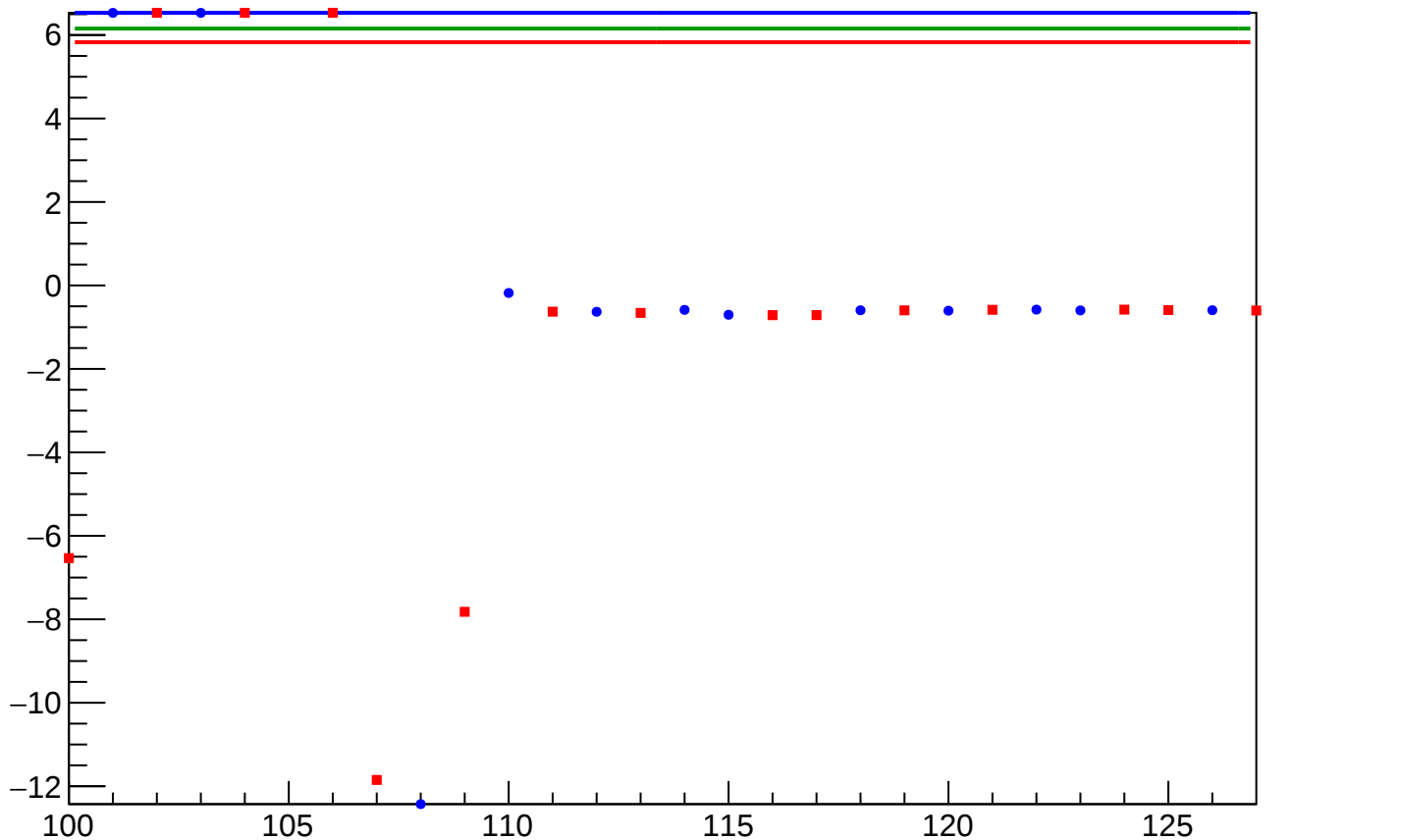
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 62987549361.9/11

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

Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755923874609890.1/14

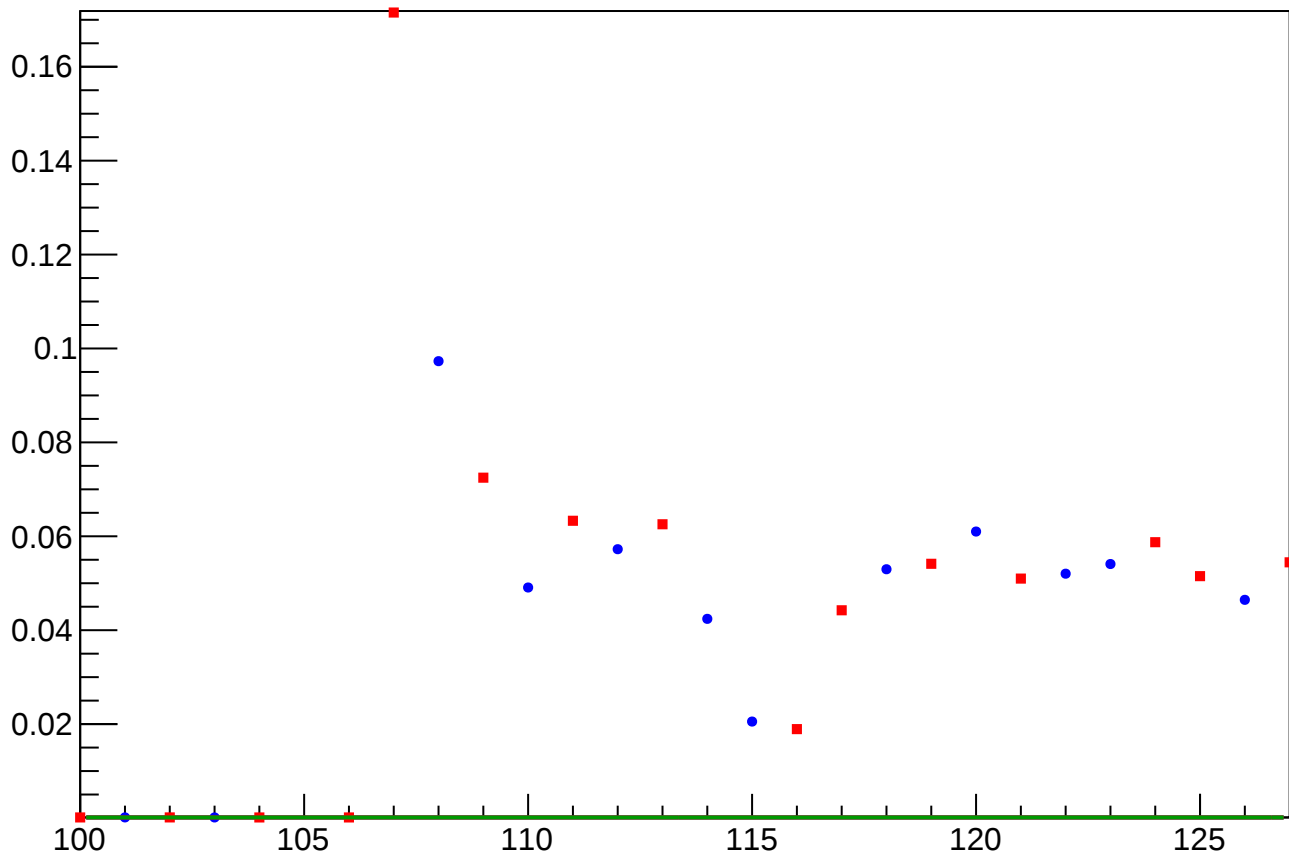
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 62987549361.9/11

6.155 $\pm$ 0.000 χ^2 /NDF: 77599347855739

5.828 $\pm$ 0.000 χ^2 /NDF: 755923874609890.1/14

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5132949.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6473952.3/14

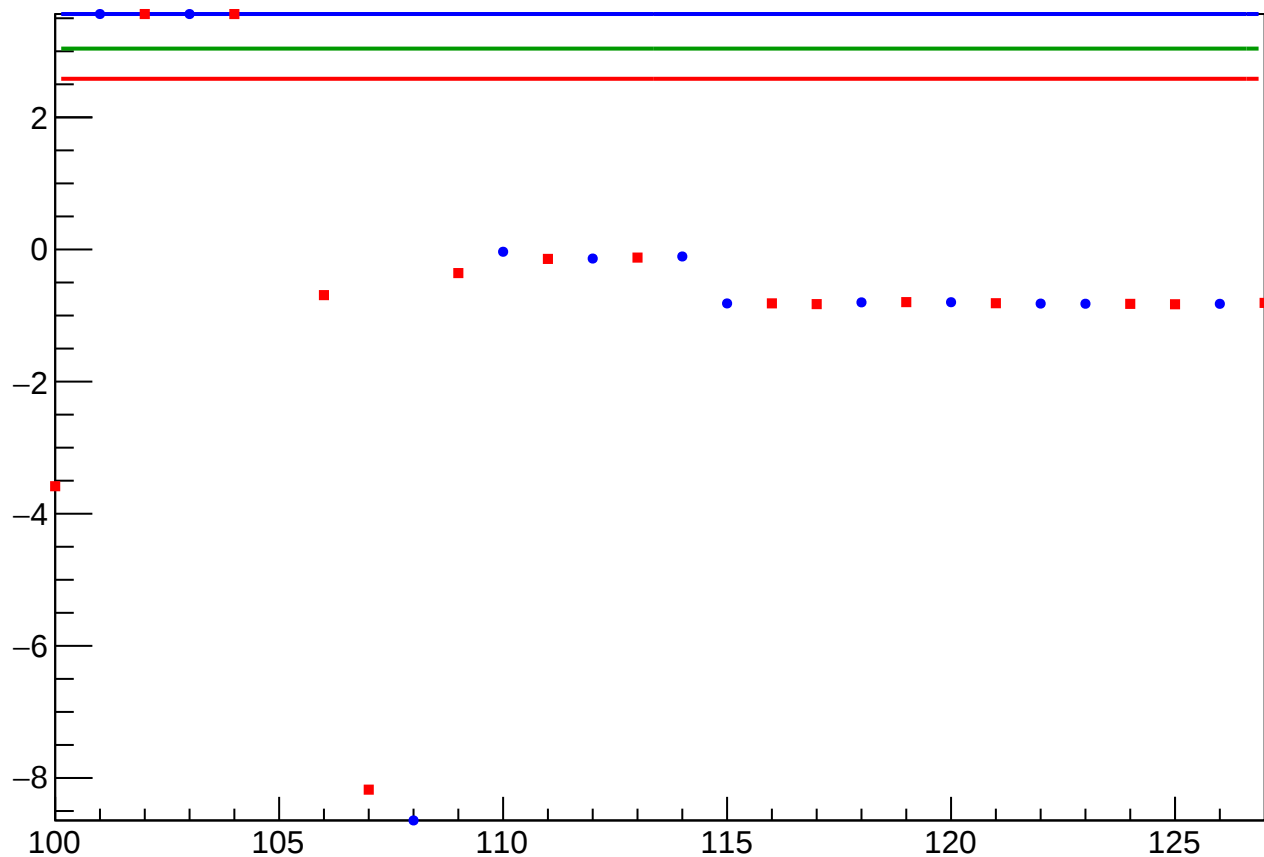
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5132949.5/11

0.000+/-0.000 χ^2/NDF : 11607089.0/26

0.000+/-0.000 χ^2/NDF : 6473952.3/14

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 111202273139.7/11

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253314998593875.2/14

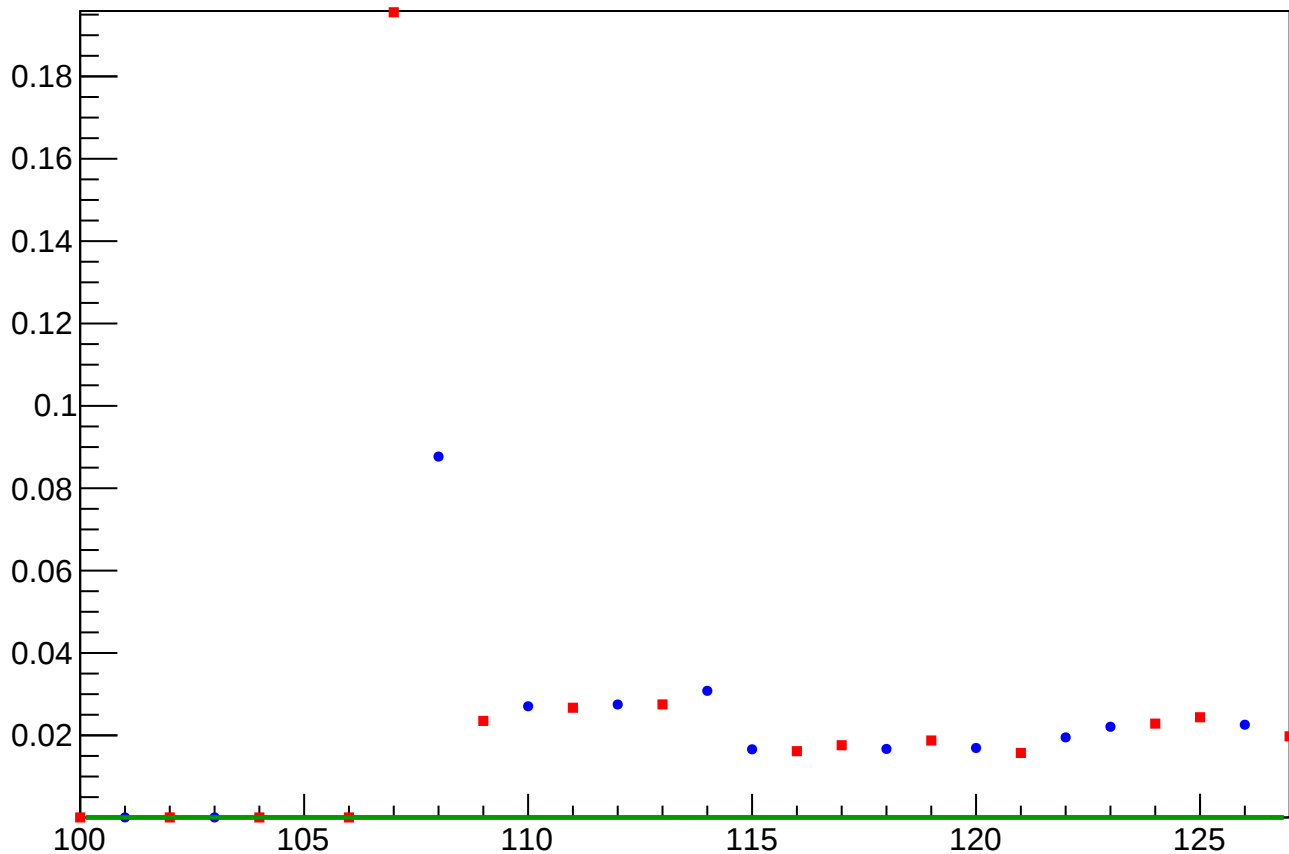
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 111202273139.7/11

3.041+/-0.000 χ^2/NDF : 13817267158336

2.584+/-0.000 χ^2/NDF : 1253314998593875.2/14

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5474321.6/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6581810.5/14

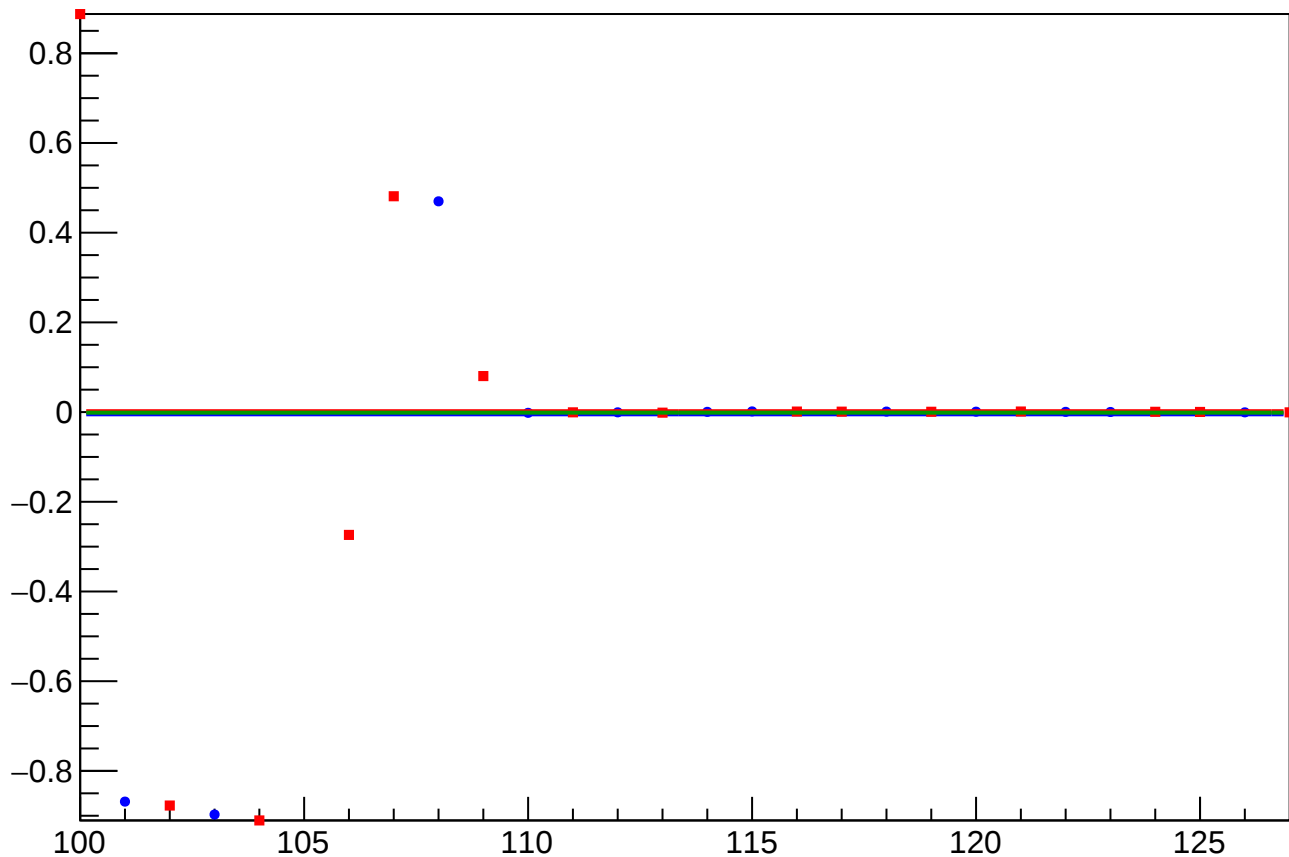
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5474321.6/11

0.000+/-0.000 χ^2/NDF : 12056292.5/26

0.000+/-0.000 χ^2/NDF : 6581810.5/14

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.000 χ^2/NDF : 9782082070.5/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3039686328.9/14

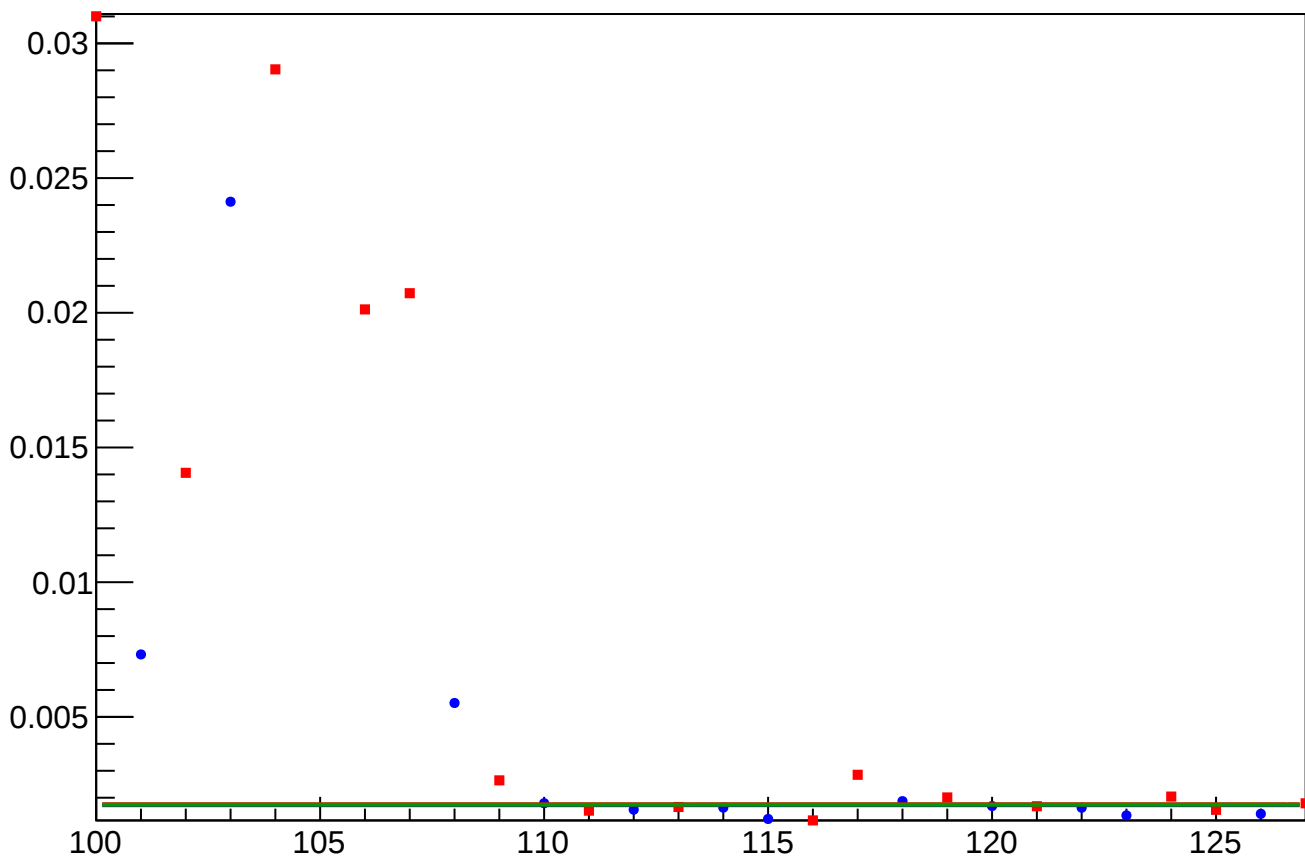
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.005+/-0.000 χ^2/NDF : 9782082070.5/11

-0.001+/-0.000 χ^2/NDF : 12844194822.2/14

0.002+/-0.000 χ^2/NDF : 3039686328.9/14

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1749957.2/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2866723.9/14

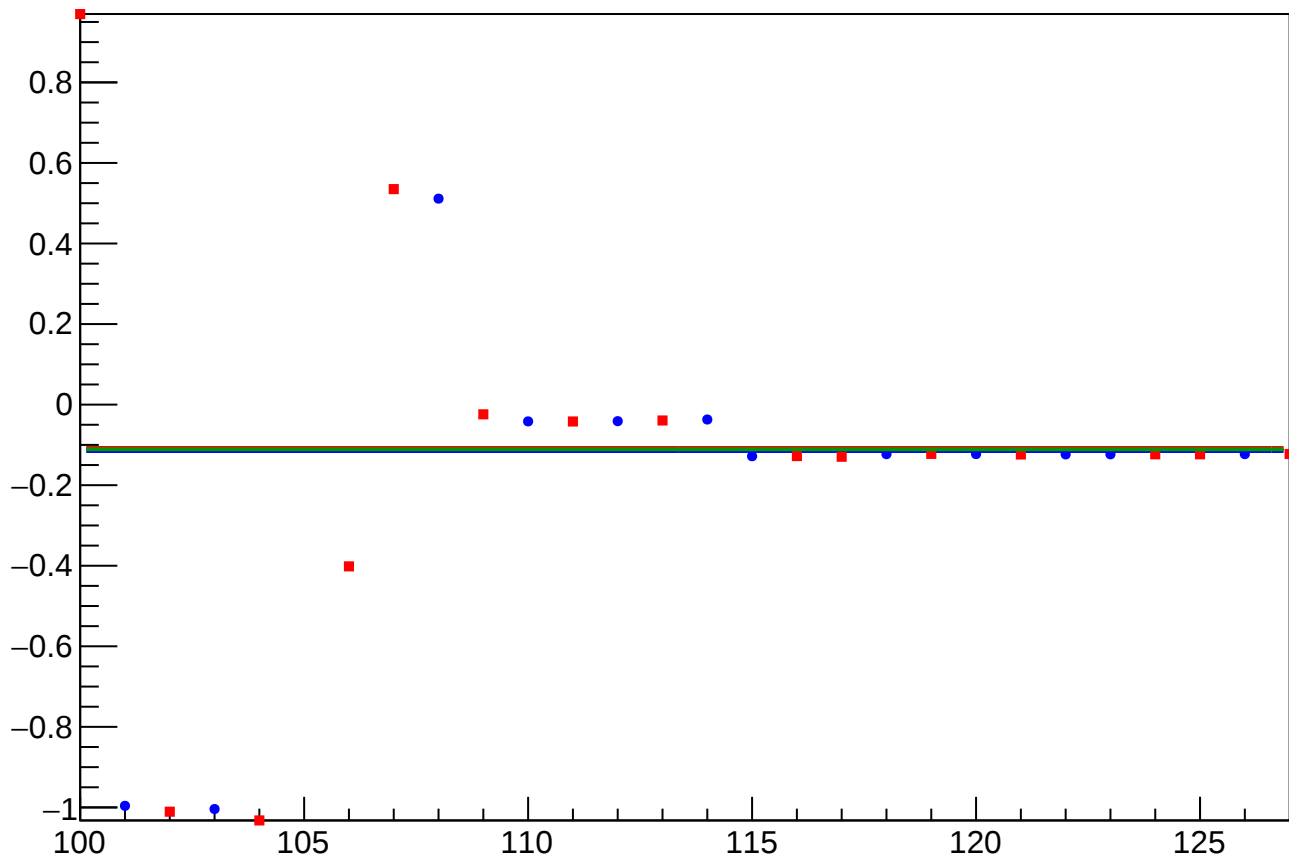
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1749957.2/11

0.002+/-0.000 χ^2/NDF : 4617748.9/26

0.002+/-0.000 χ^2/NDF : 2866723.9/14

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 3895228521.1/11

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

Right Out: -0.108+/-0.000 χ^2/NDF : 2332141482.3/14

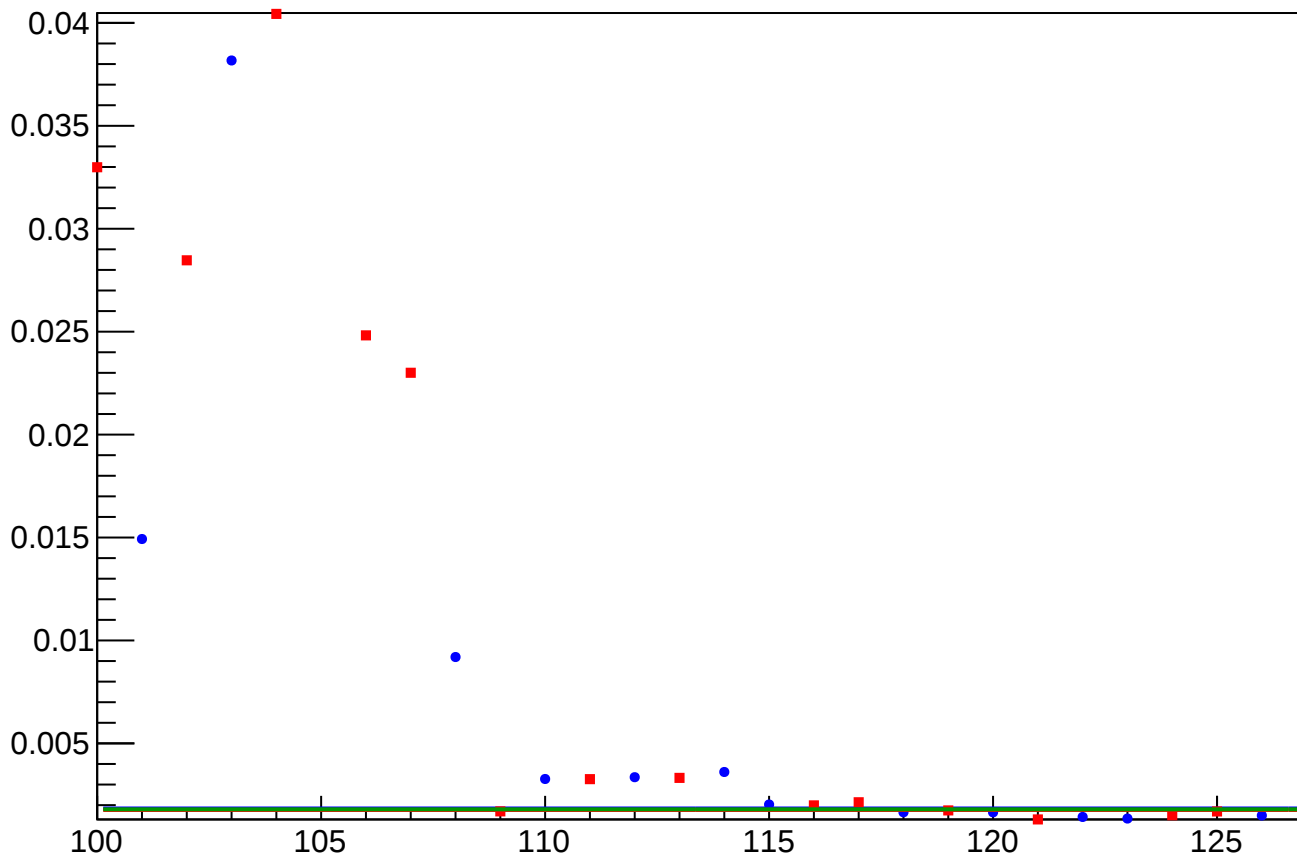
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.115+/-0.000 χ^2/NDF : 3895228521.1/11

-0.111+/-0.000 χ^2/NDF : 6250838323.8/20

-0.108+/-0.000 χ^2/NDF : 2332141482.3/14

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2641084.3/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3298944.5/14

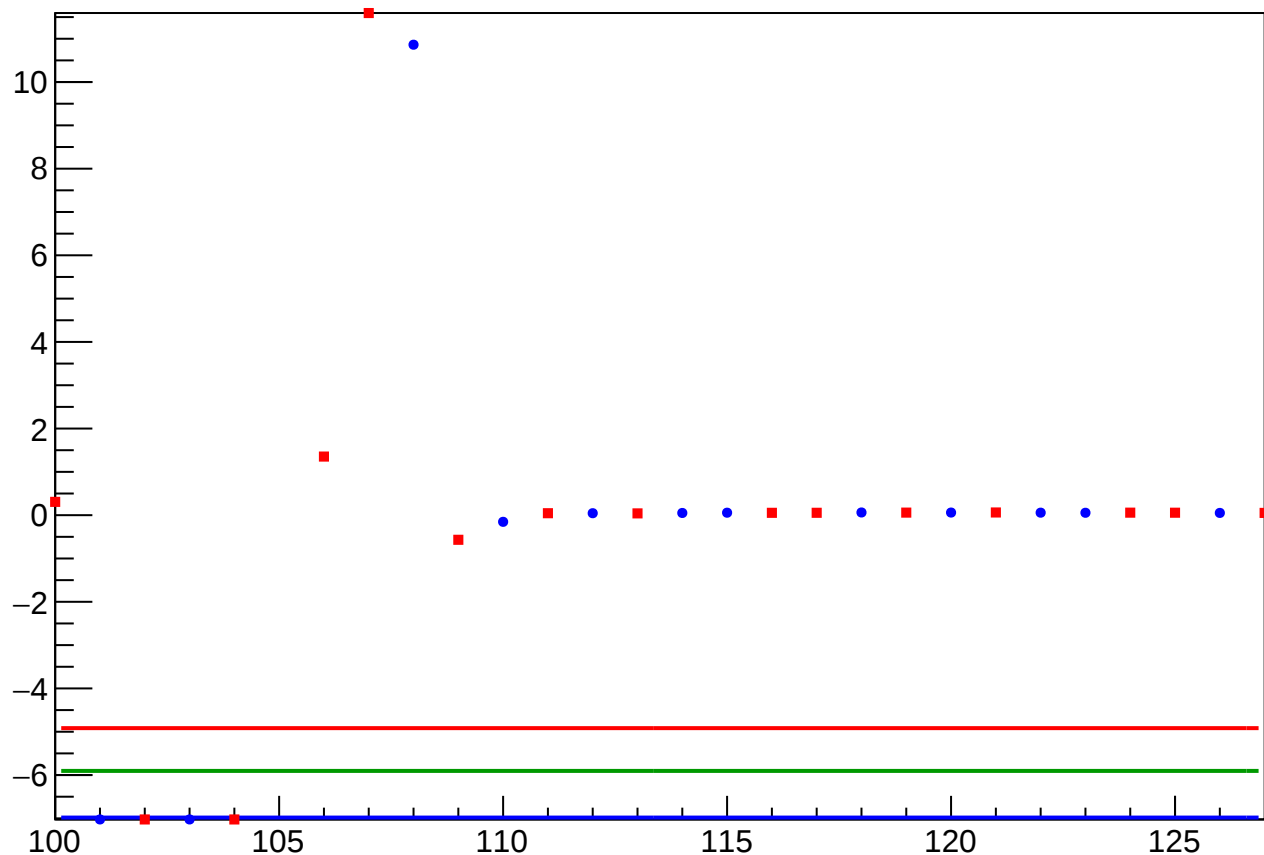
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2641084.3/11

0.002+/-0.000 χ^2/NDF : 5944327.4/26

0.002+/-0.000 χ^2/NDF : 3298944.5/14

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.982+/-0.000 χ^2 /NDF: 7552369102588.7/11

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

Right Out: -4.917+/-0.000 χ^2 /NDF: 364932396315453.2/14

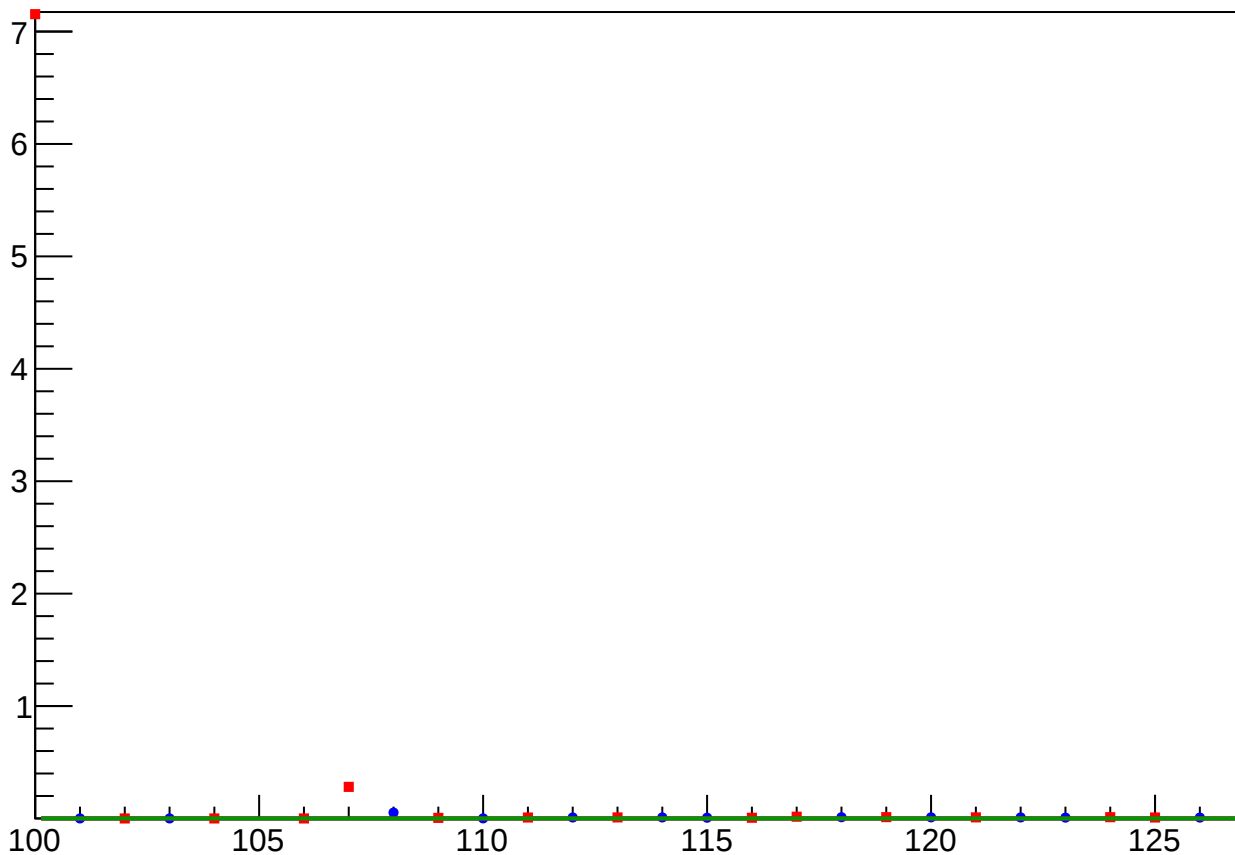
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.982+/-0.000 χ^2 /NDF: 7552369102588.7/11

-5.904+/-0.000 χ^2 /NDF: 42883764421890

-4.917+/-0.000 χ^2 /NDF: 364932396315453.2/14

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4456071.8/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5894162.8/14

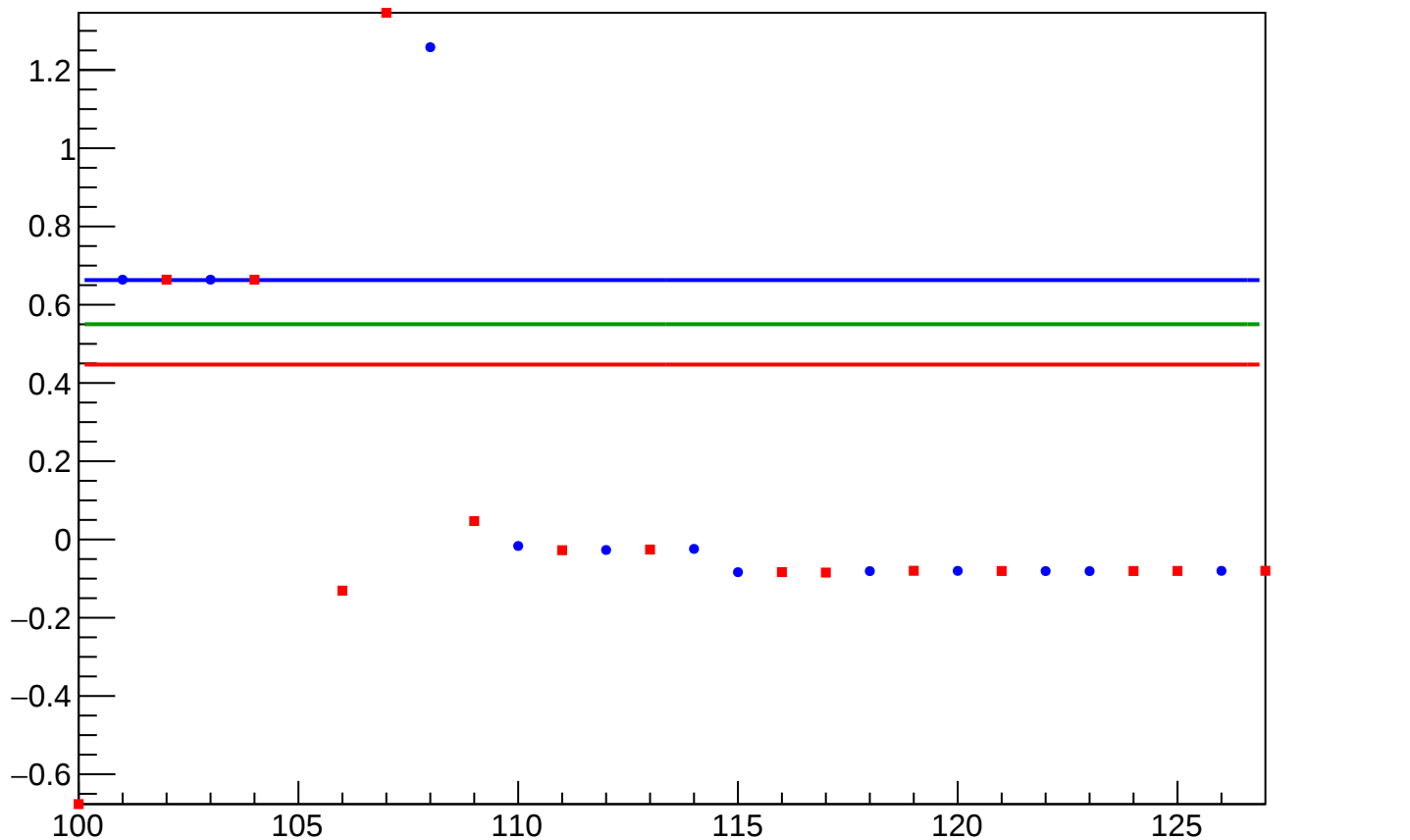
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4456071.8/11

0.000+/-0.000 χ^2/NDF : 10350242.5/26

0.000+/-0.000 χ^2/NDF : 5894162.8/14

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000 χ^2/NDF : 2124346520088.2/11

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

Right Out: 0.447+/-0.000 χ^2/NDF : 404063377180081.4/14

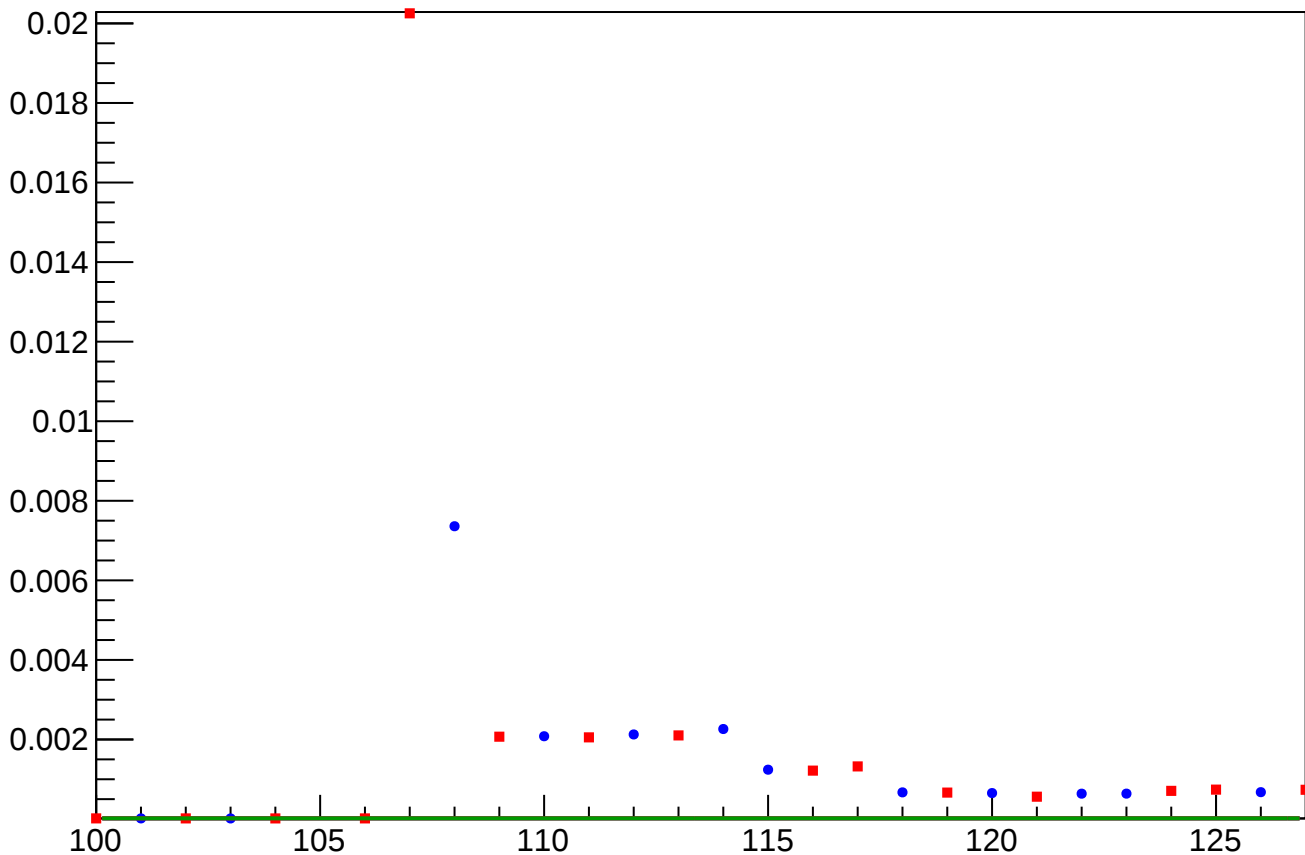
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 2124346520088.2/11

0.550+/-0.000 χ^2/NDF : 46950770306190

0.447+/-0.000 χ^2/NDF : 404063377180081.4/14

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5568318.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6226675.6/14

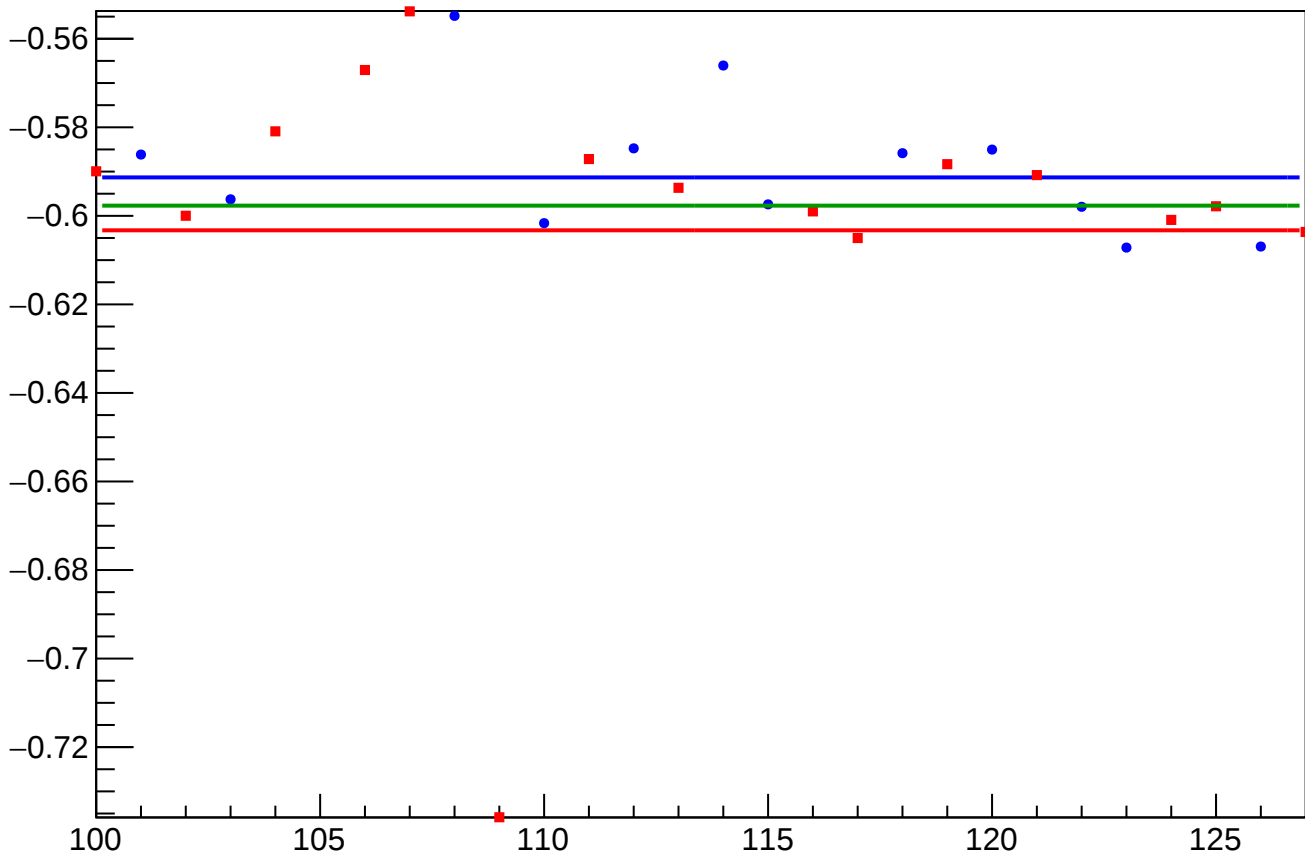
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5568318.5/11

0.000+/-0.000 χ^2/NDF : 11795324.8/26

0.000+/-0.000 χ^2/NDF : 6226675.6/14

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.591+/-0.000 χ^2/NDF : 871362.5/11

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

Right Out: -0.603+/-0.000 χ^2/NDF : 10148329.7/14

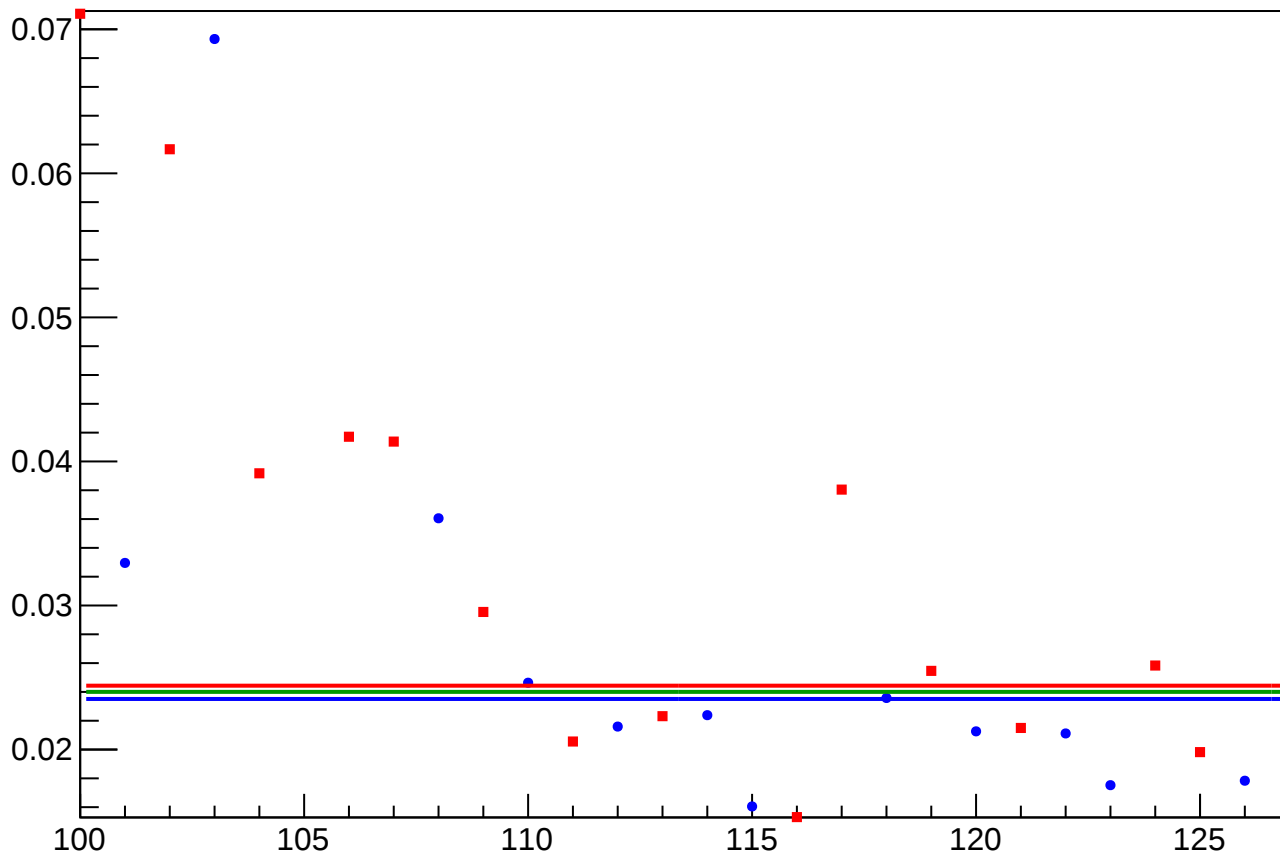
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.591+/-0.000 χ^2/NDF : 871362.5/11

-0.598+/-0.000 χ^2/NDF : 11457095.0/26

-0.603+/-0.000 χ^2/NDF : 10148329.7/14

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 773573.4/11

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

Right Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 949513.8/14

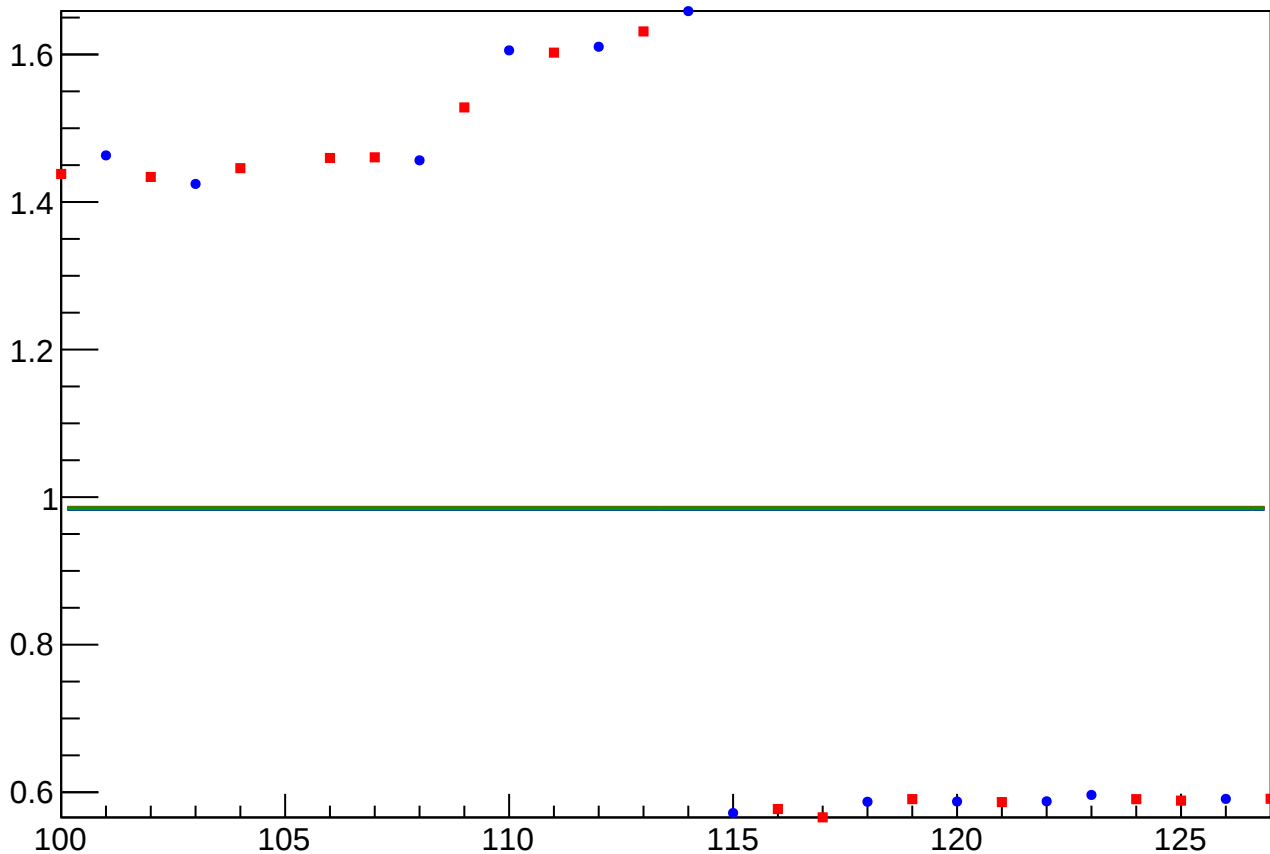
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.024 $\pm$ 0.000 χ^2 /NDF: 773573.4/11

0.024 $\pm$ 0.000 χ^2 /NDF: 1728294.8/26

0.024 $\pm$ 0.000 χ^2 /NDF: 949513.8/14

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.984+/-0.000 χ^2/NDF : 2586778080.8/11

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

Right Out: 0.986+/-0.000 χ^2/NDF : 3219656453.6/14

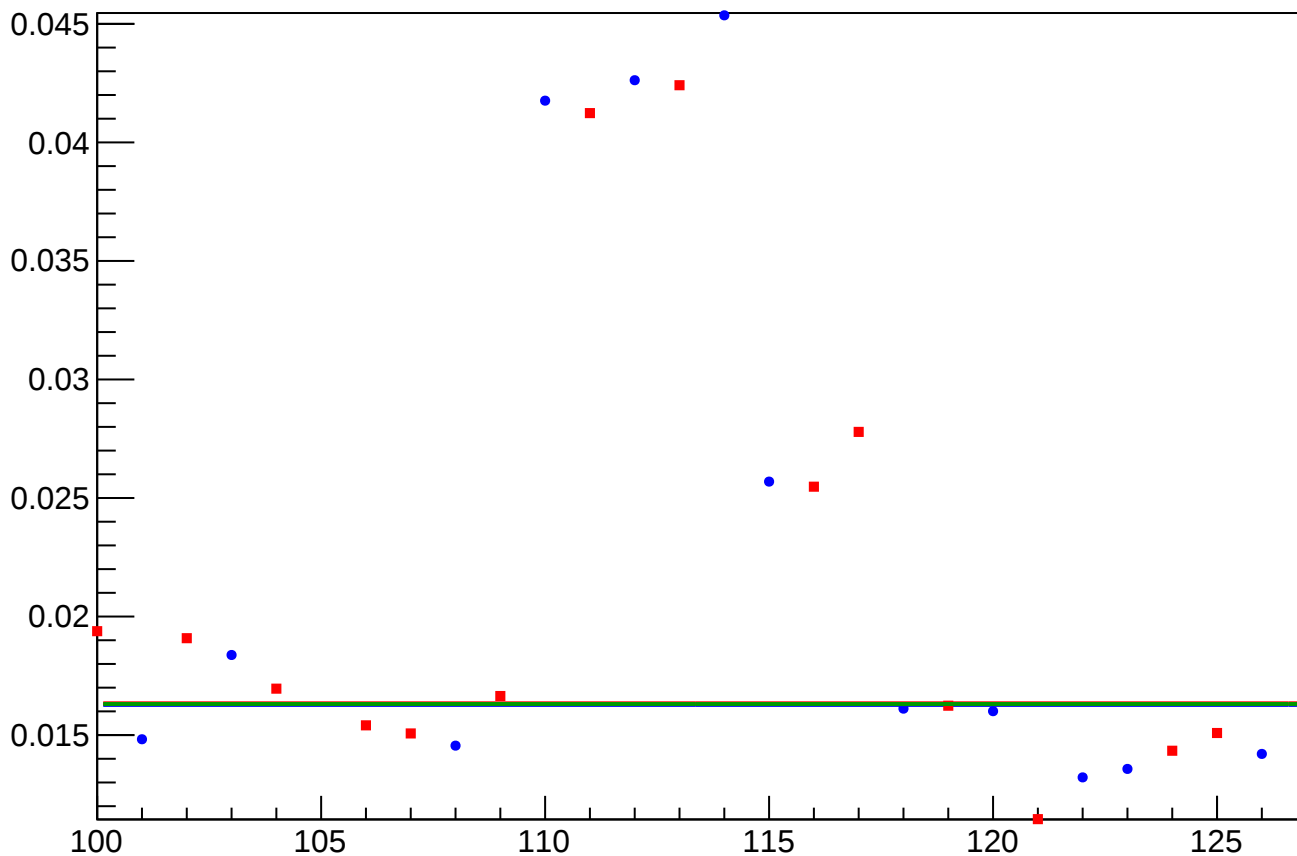
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.984+/-0.000 χ^2/NDF : 2586778080.8/11

0.985+/-0.000 χ^2/NDF : 5806450062.3/26

0.986+/-0.000 χ^2/NDF : 3219656453.6/14

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 797807.1/11

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

Right Out: 0.016+/-0.000 χ^2/NDF : 879004.1/14

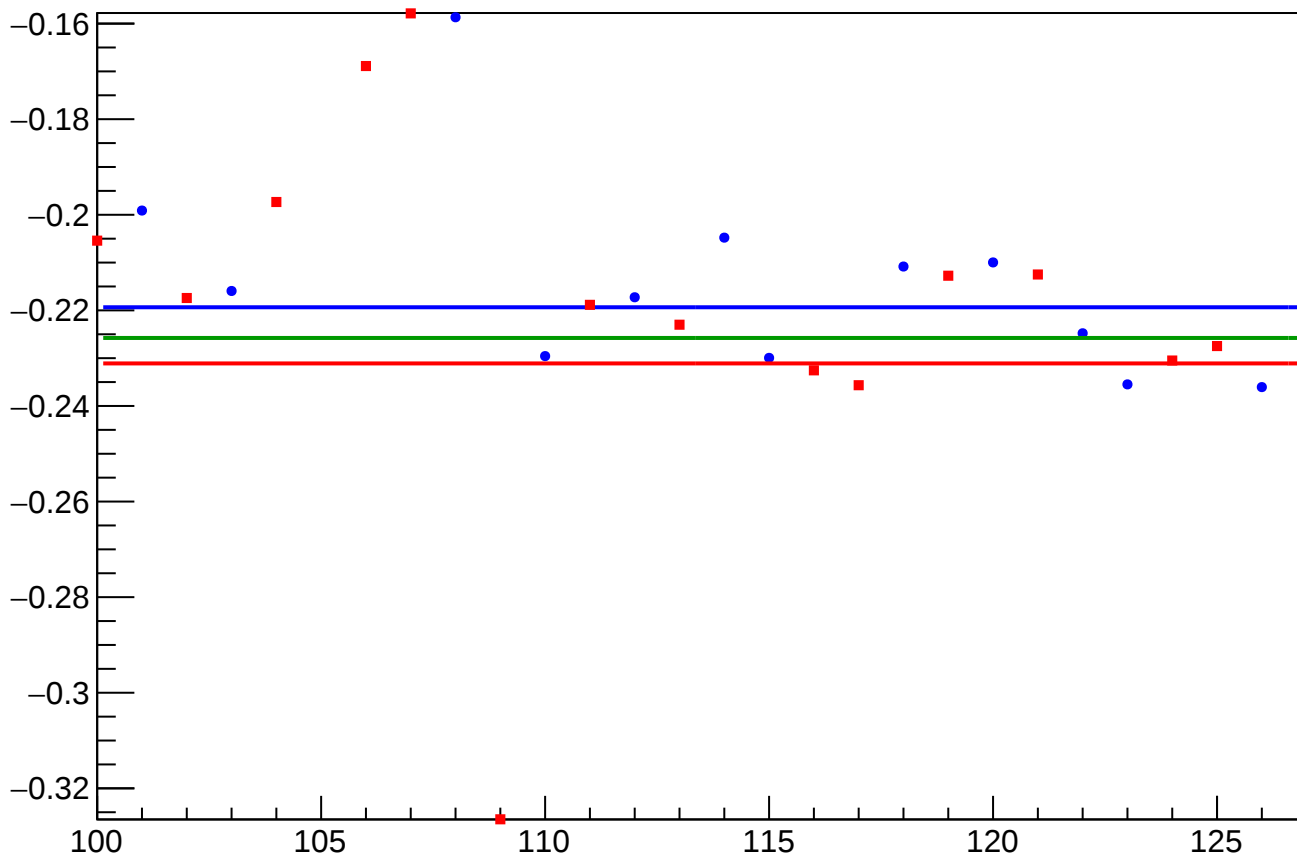
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 797807.1/11

0.016+/-0.000 χ^2/NDF : 1676876.0/26

0.016+/-0.000 χ^2/NDF : 879004.1/14

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.219+/-0.000 χ^2 /NDF: 1818871.4/11

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

Right Out: -0.231+/-0.000 χ^2 /NDF: 11136382.7/14

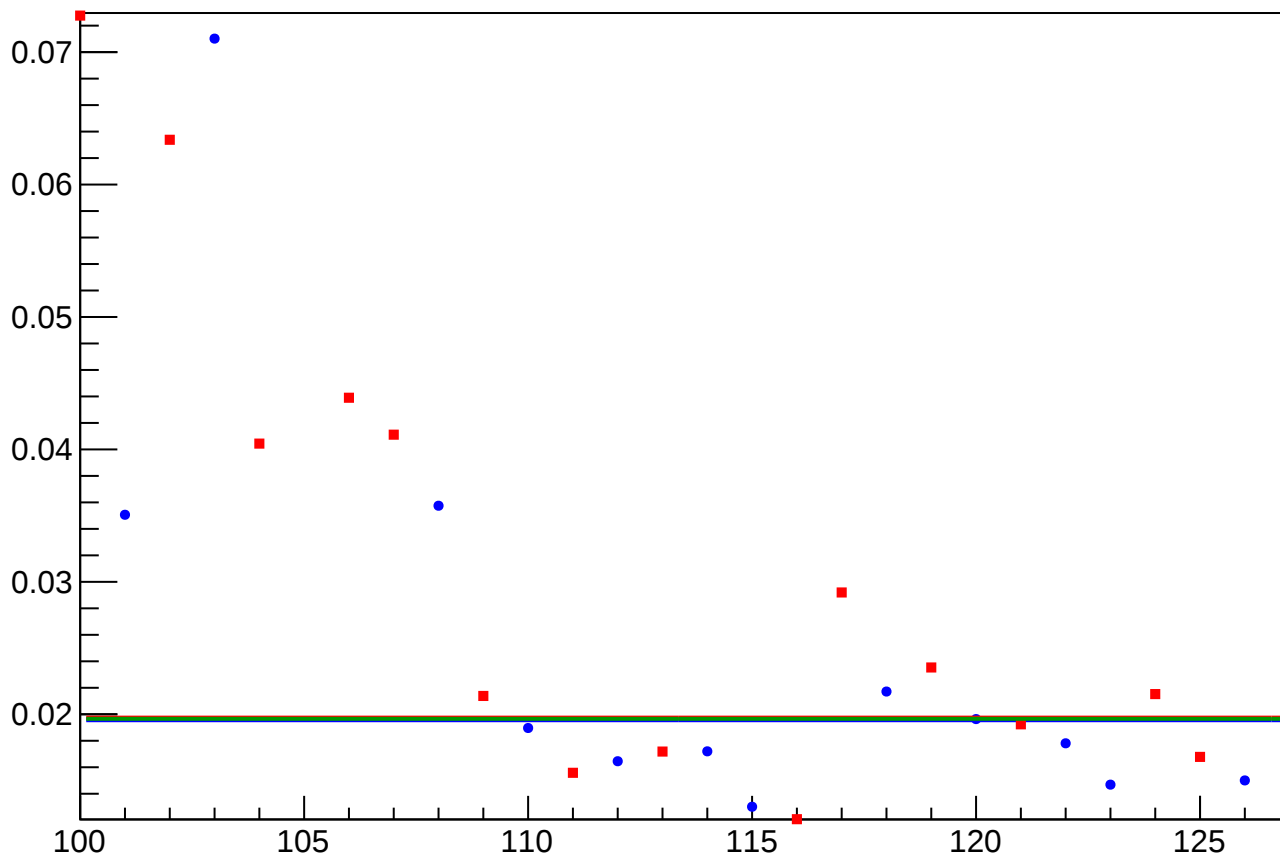
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.219+/-0.000 χ^2 /NDF: 1818871.4/11

-0.226+/-0.000 χ^2 /NDF: 13555810.2/26

-0.231+/-0.000 χ^2 /NDF: 11136382.7/14

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1066591.1/11

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1315660.8/14

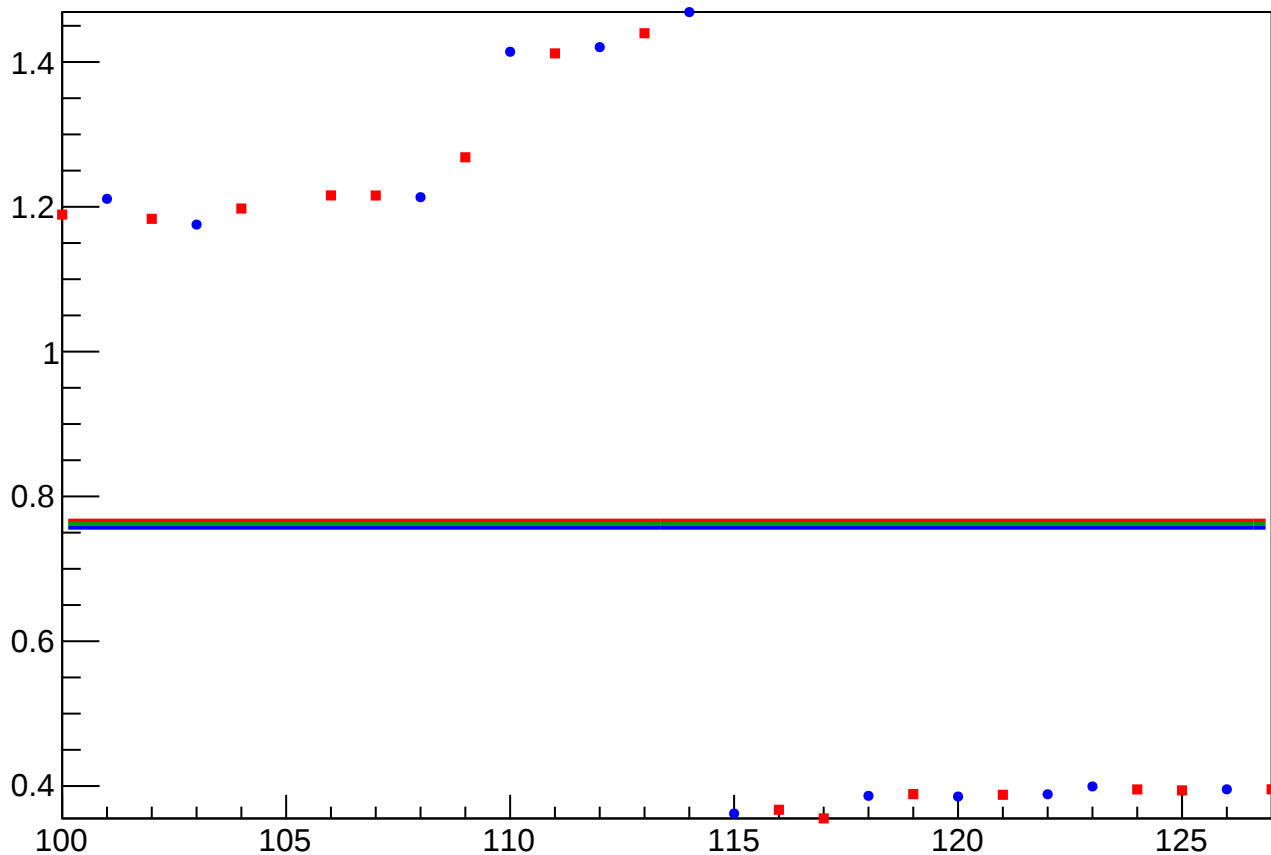
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1066591.1/11

0.020+/-0.000 χ^2/NDF : 2382585.0/26

0.020+/-0.000 χ^2/NDF : 1315660.8/14

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.757+/-0.000 χ^2/NDF : 3441195876.4/11

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

Right Out: 0.767+/-0.000 χ^2/NDF : 3958899859.4/14

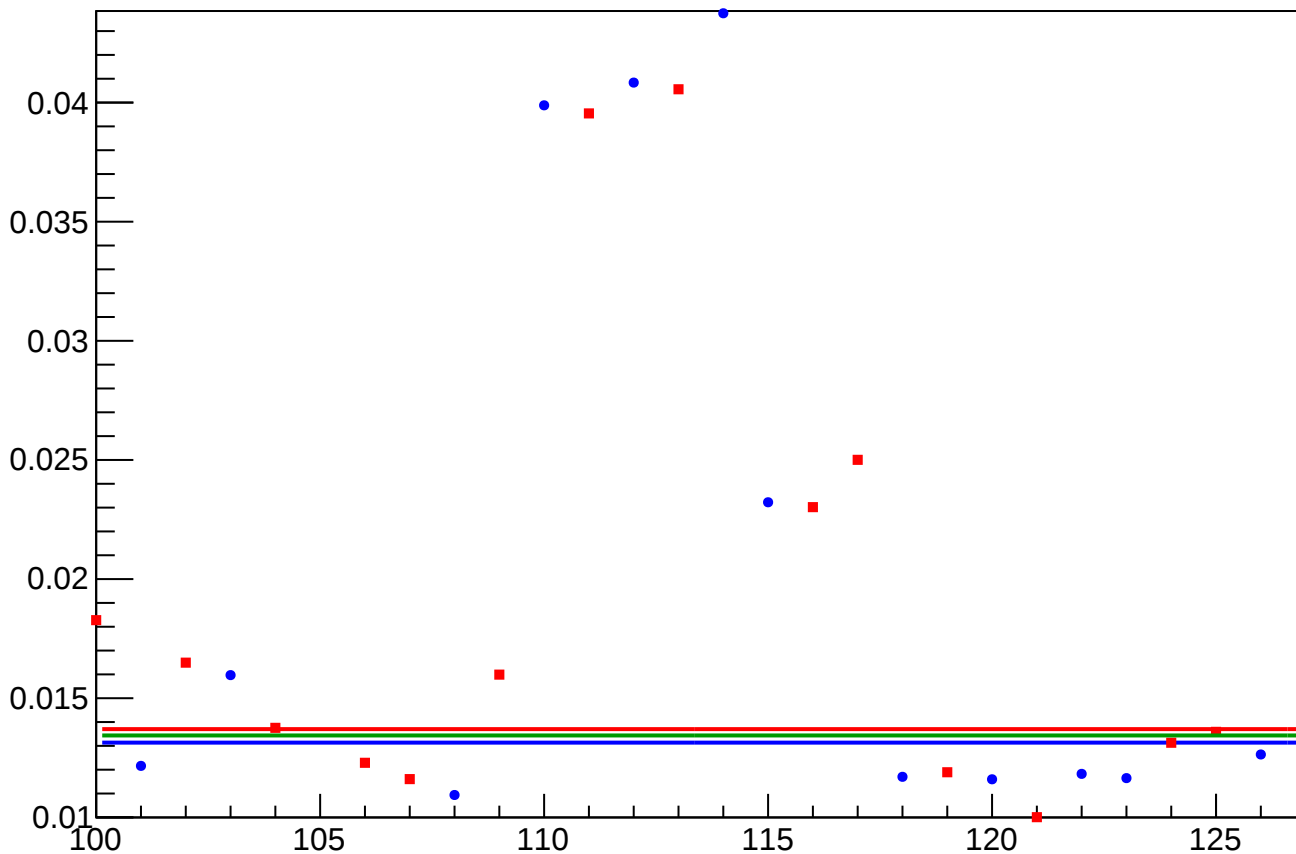
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.757+/-0.000 χ^2/NDF : 3441195876.4/11

0.762+/-0.000 χ^2/NDF : 7401115953.5/26

0.767+/-0.000 χ^2/NDF : 3958899859.4/14

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 950514.0/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1018694.0/14

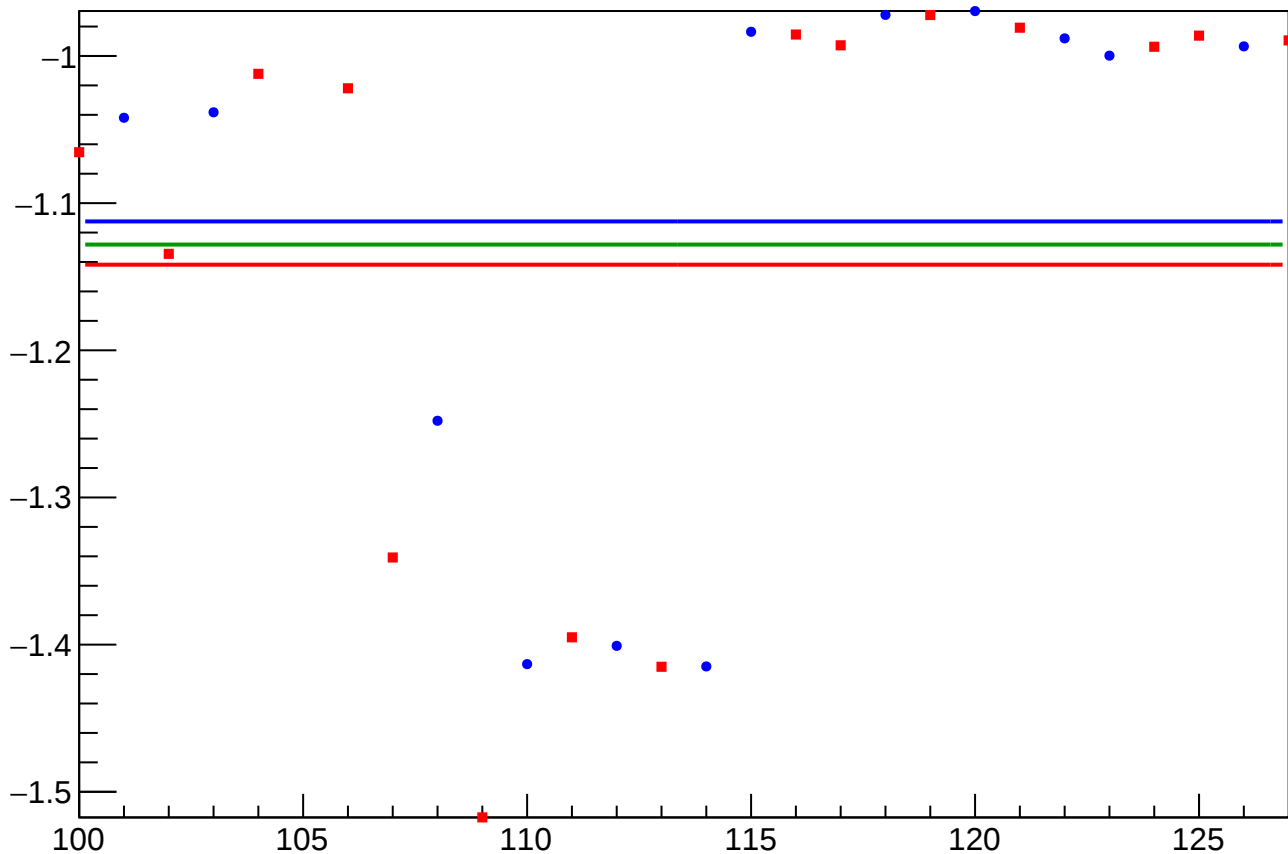
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 950514.0/11

0.013+/-0.000 χ^2/NDF : 1976100.7/26

0.014+/-0.000 χ^2/NDF : 1018694.0/14

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.112+/-0.000 χ^2/NDF : 202989081.3/11

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

Right Out: -1.142+/-0.000 χ^2/NDF : 298657005.6/14

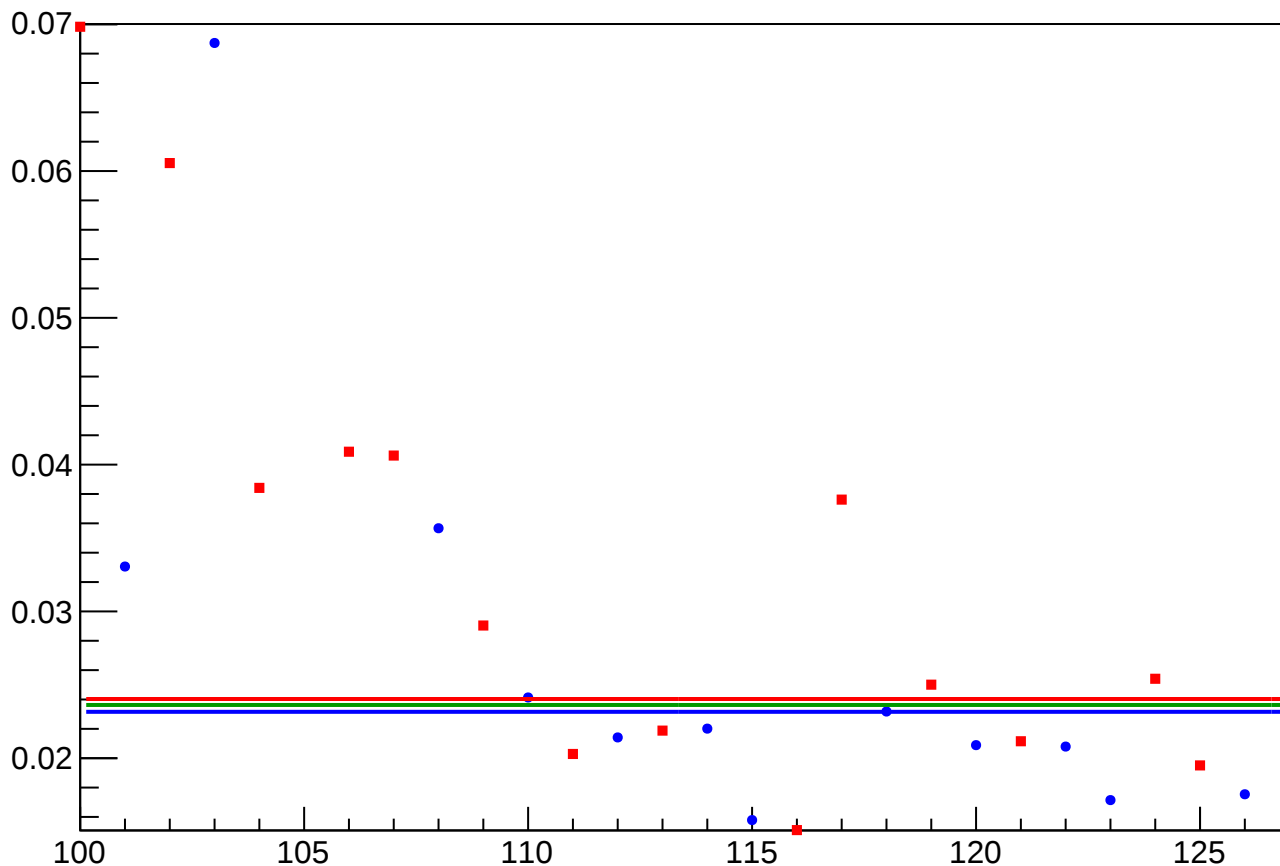
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.112+/-0.000 χ^2/NDF : 202989081.3/11

-1.128+/-0.000 χ^2/NDF : 504372026.6/26

-1.142+/-0.000 χ^2/NDF : 298657005.6/14

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 784127.4/11

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

Right Out: 0.024+/-0.000 χ^2/NDF : 942714.9/14

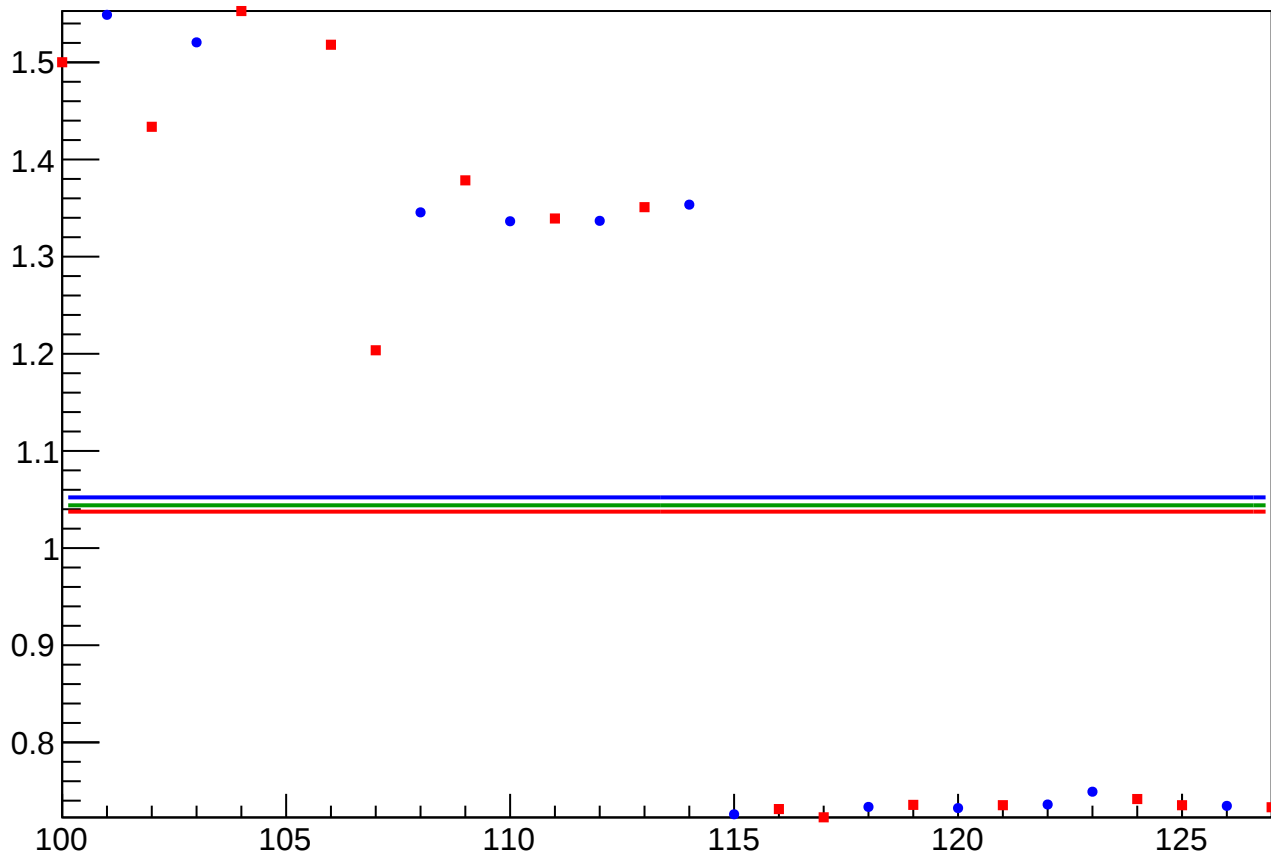
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 784127.4/11

0.024+/-0.000 χ^2/NDF : 1731645.1/26

0.024+/-0.000 χ^2/NDF : 942714.9/14

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.052+/-0.000 χ^2/NDF : 1751547820.7/11

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

Right Out: 1.038+/-0.000 χ^2/NDF : 1951080870.5/14

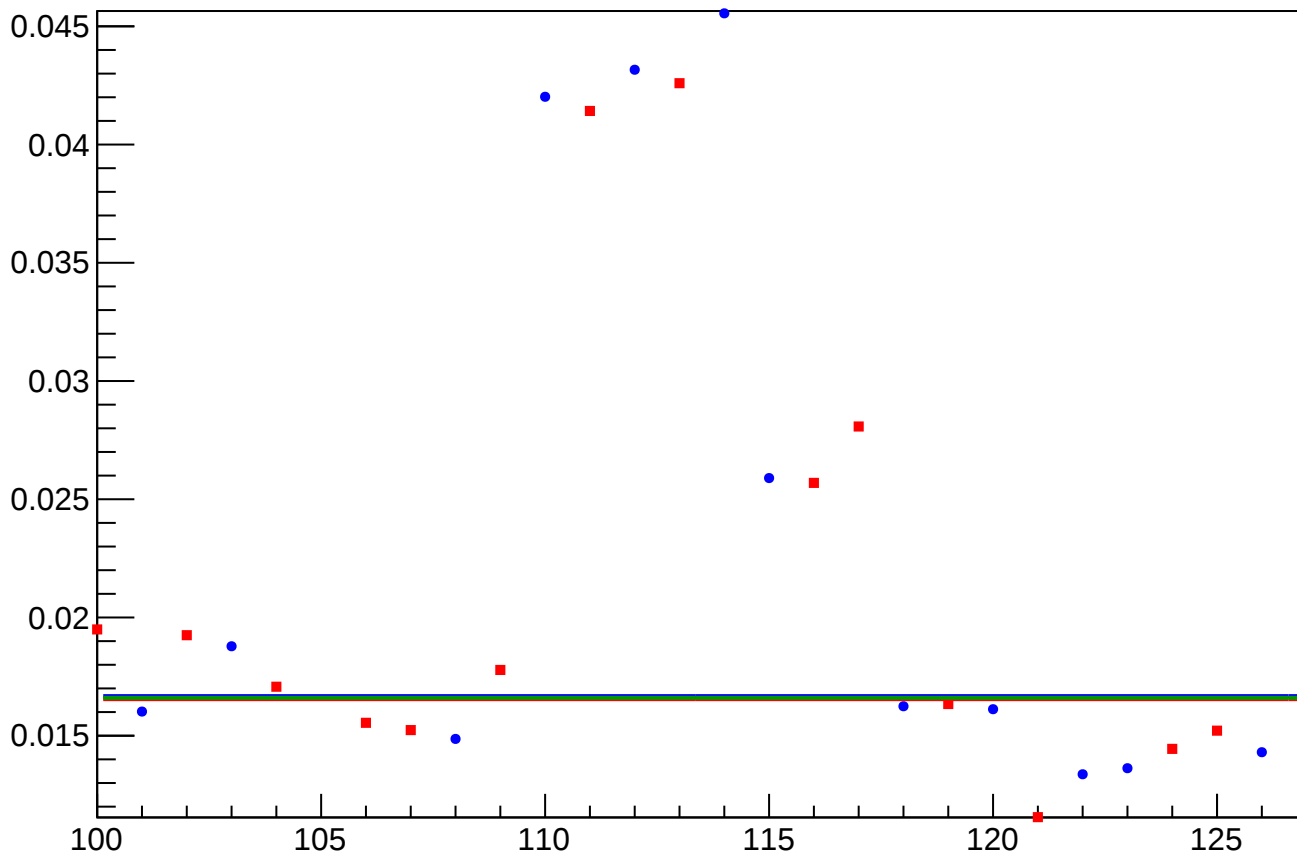
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.052+/-0.000 χ^2/NDF : 1751547820.7/11

1.044+/-0.000 χ^2/NDF : 3704167878.0/26

1.038+/-0.000 χ^2/NDF : 1951080870.5/14

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 787443.3/11

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

Right Out: 0.017+/-0.000 χ^2/NDF : 878452.2/14

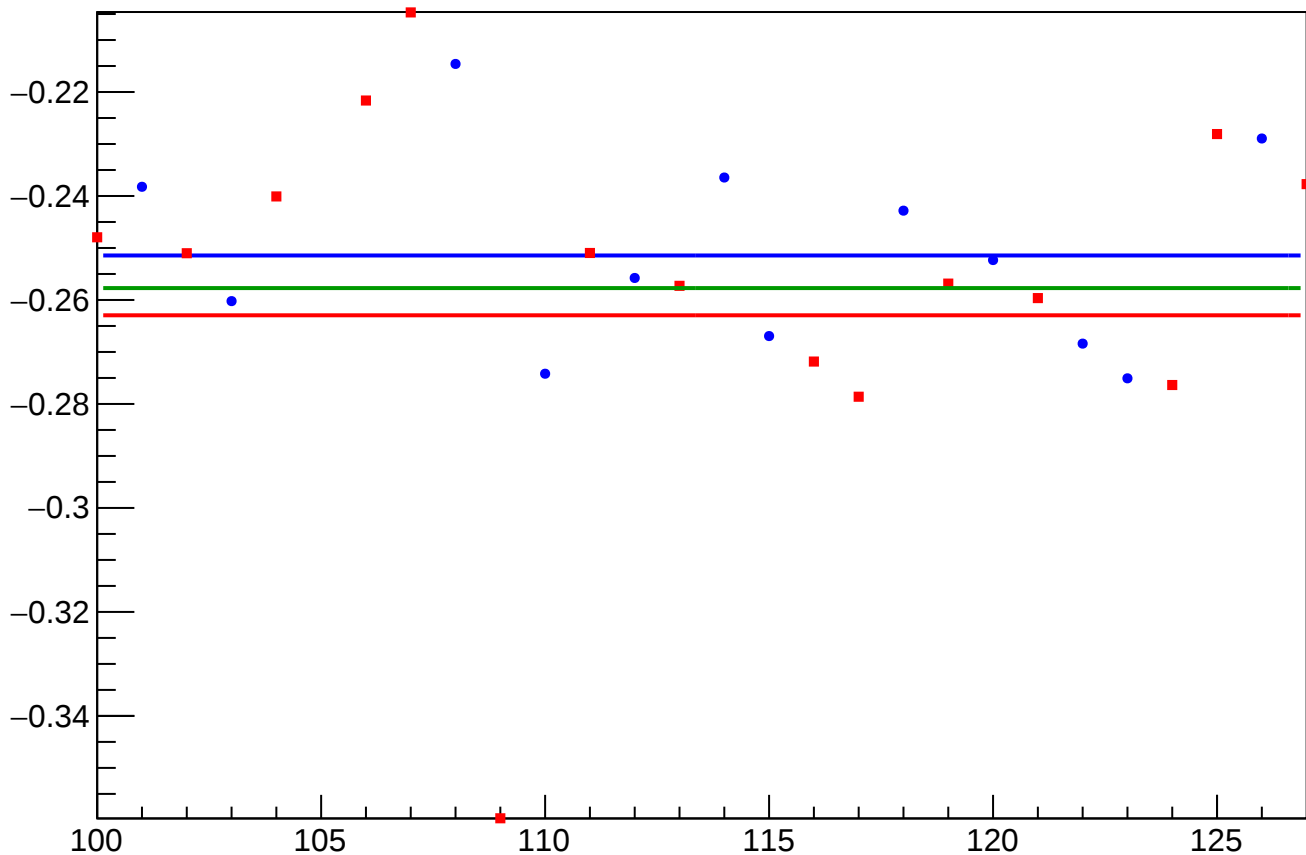
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 787443.3/11

0.017+/-0.000 χ^2/NDF : 1666131.6/26

0.017+/-0.000 χ^2/NDF : 878452.2/14

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.251+/-0.000 χ^2/NDF : 2120886.1/11

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

Right Out: -0.263+/-0.000 χ^2/NDF : 11708689.3/14

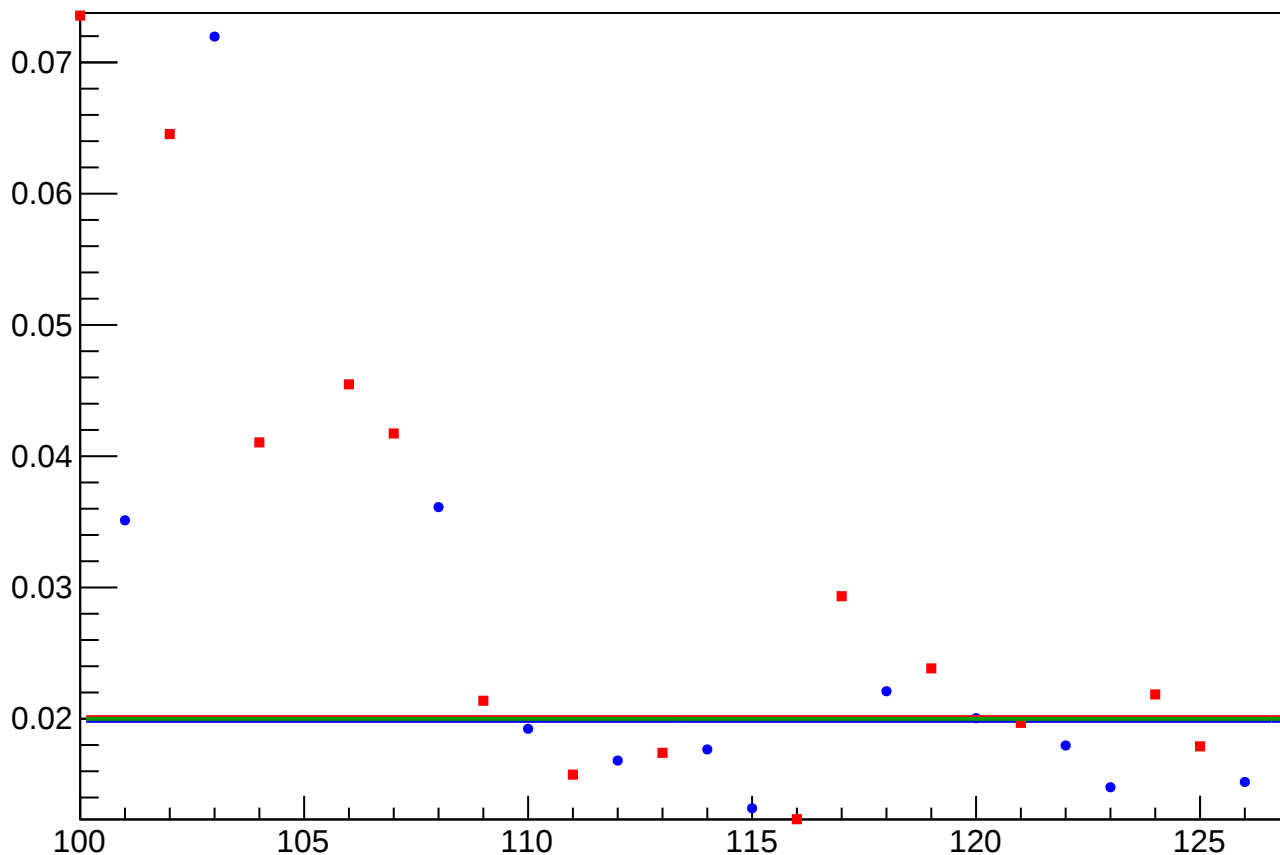
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.251+/-0.000 χ^2/NDF : 2120886.1/11

-0.258+/-0.000 χ^2/NDF : 14387656.2/26

-0.263+/-0.000 χ^2/NDF : 11708689.3/14

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1055657.8/11

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1311462.9/14

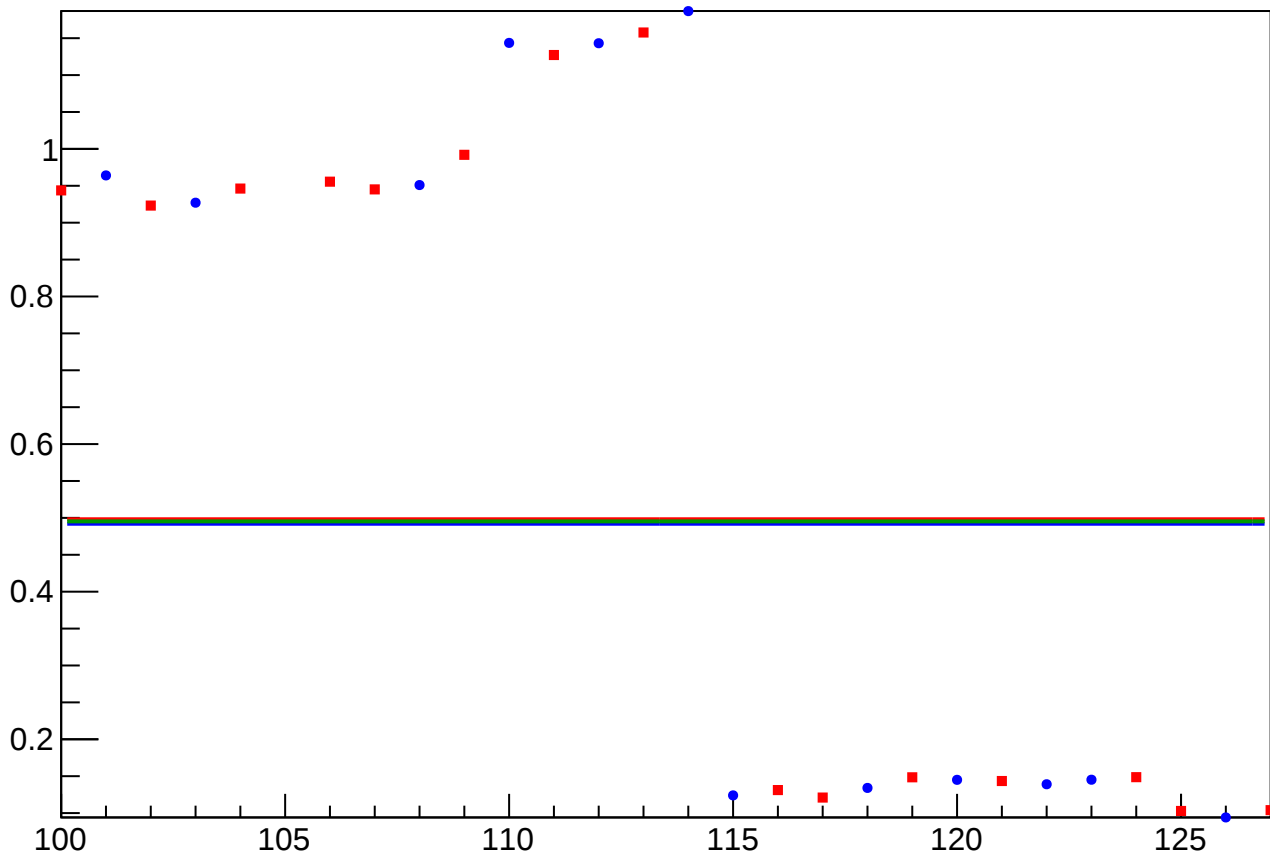
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1055657.8/11

0.020+/-0.000 χ^2/NDF : 2367791.2/26

0.020+/-0.000 χ^2/NDF : 1311462.9/14

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.492+/-0.000 χ^2/NDF : 3531758610.9/11

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

Right Out: 0.498+/-0.000 χ^2/NDF : 3925585001.3/14

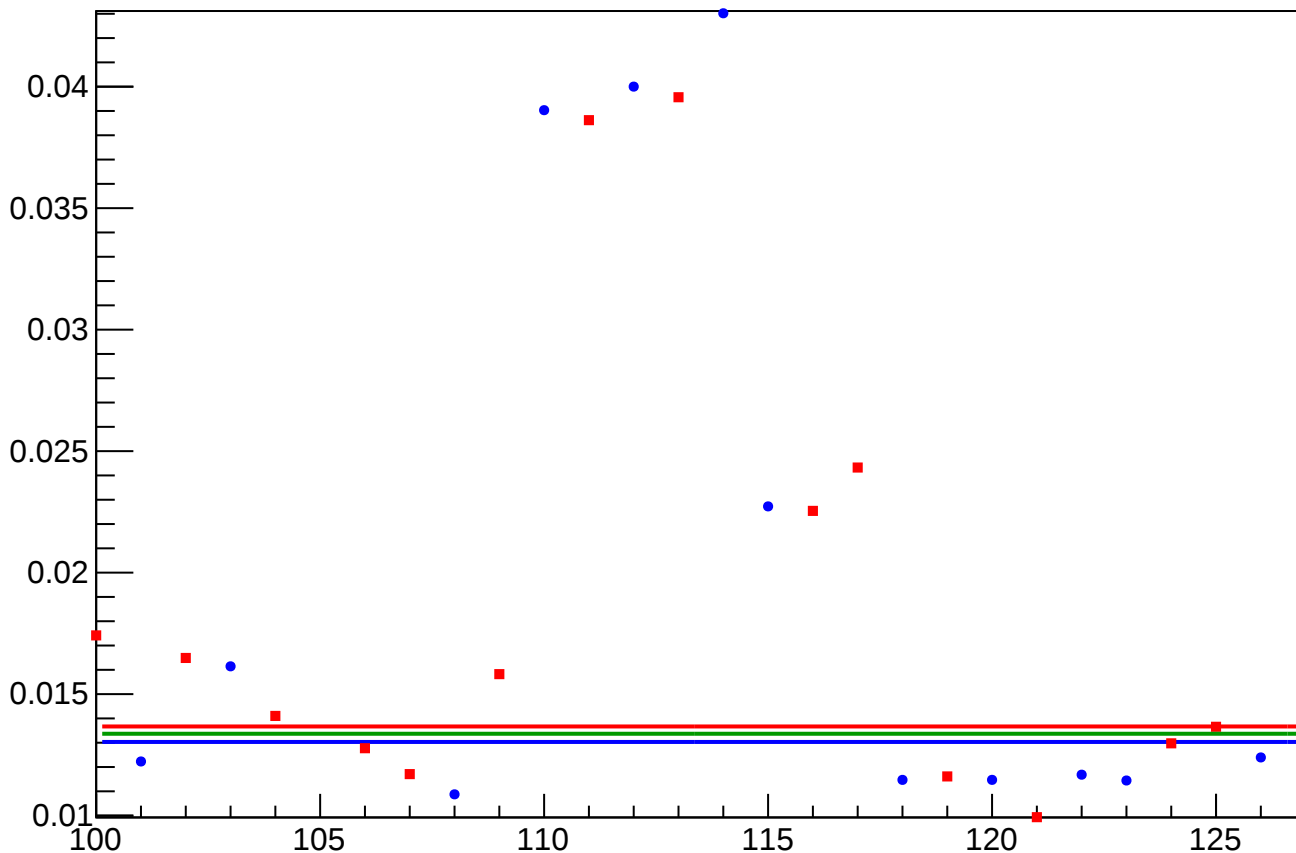
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.492+/-0.000 χ^2/NDF : 3531758610.9/11

0.495+/-0.000 χ^2/NDF : 7457738176.6/26

0.498+/-0.000 χ^2/NDF : 3925585001.3/14

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 948939.9/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1000542.6/14

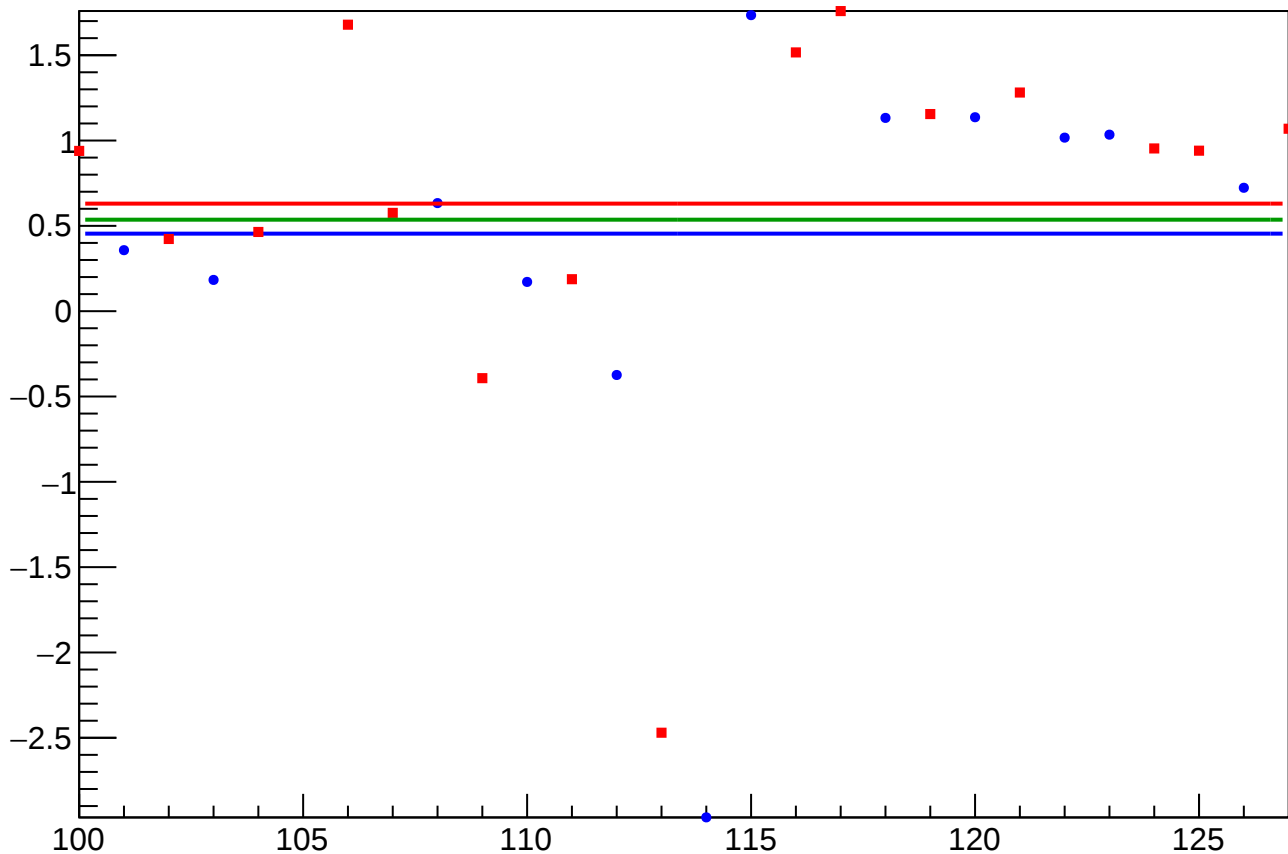
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 948939.9/11

0.013+/-0.000 χ^2/NDF : 1958305.2/26

0.014+/-0.000 χ^2/NDF : 1000542.6/14

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.454+/-0.000 χ^2/NDF : 208128945.7/11

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

Right Out: 0.630+/-0.000 χ^2/NDF : 885531852.2/14

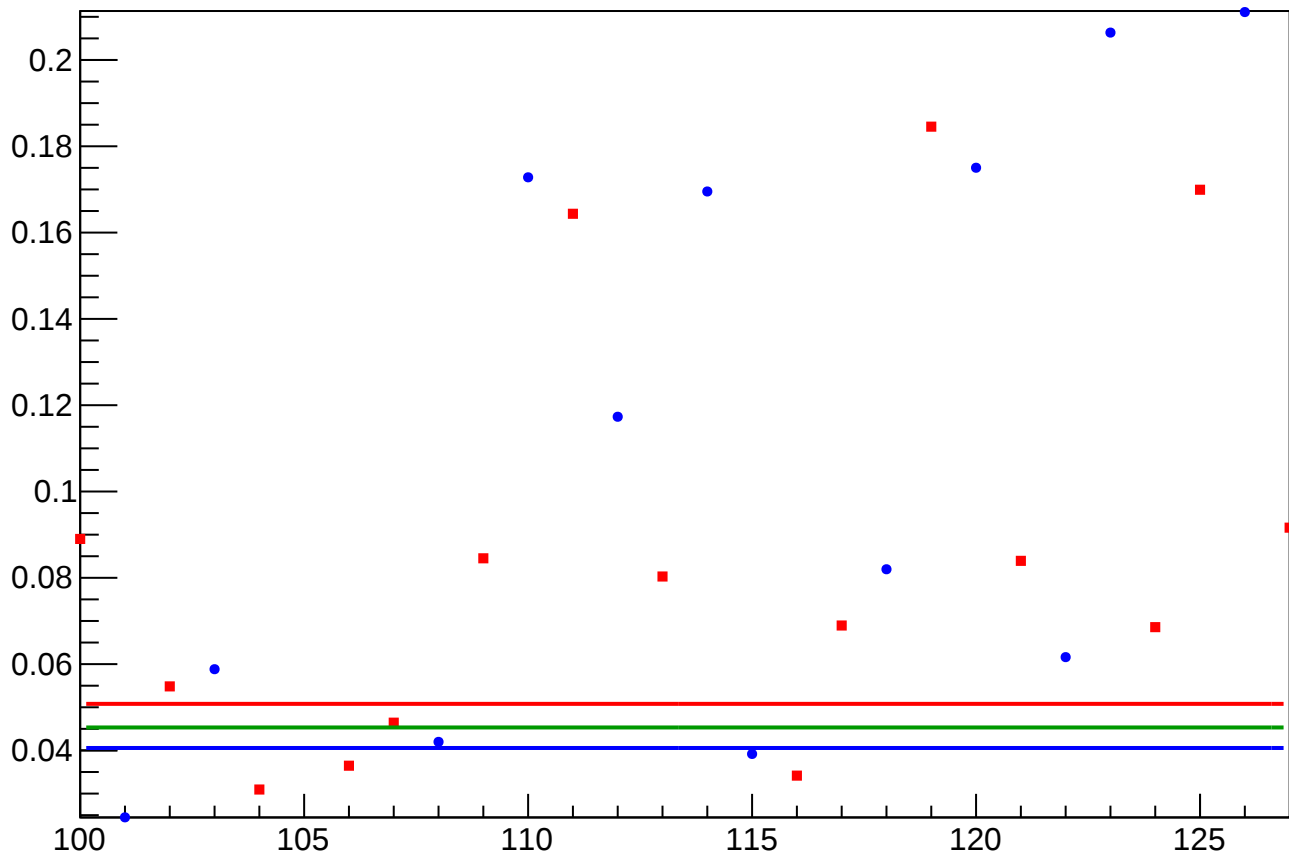
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.454+/-0.000 χ^2/NDF : 208128945.7/11

0.536+/-0.000 χ^2/NDF : 1113195391.4/26

0.630+/-0.000 χ^2/NDF : 885531852.2/14

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.041 ± 0.000 χ^2/NDF : 2415008.9/11

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

Right Out: 0.051 ± 0.000 χ^2/NDF : 2071109.5/14

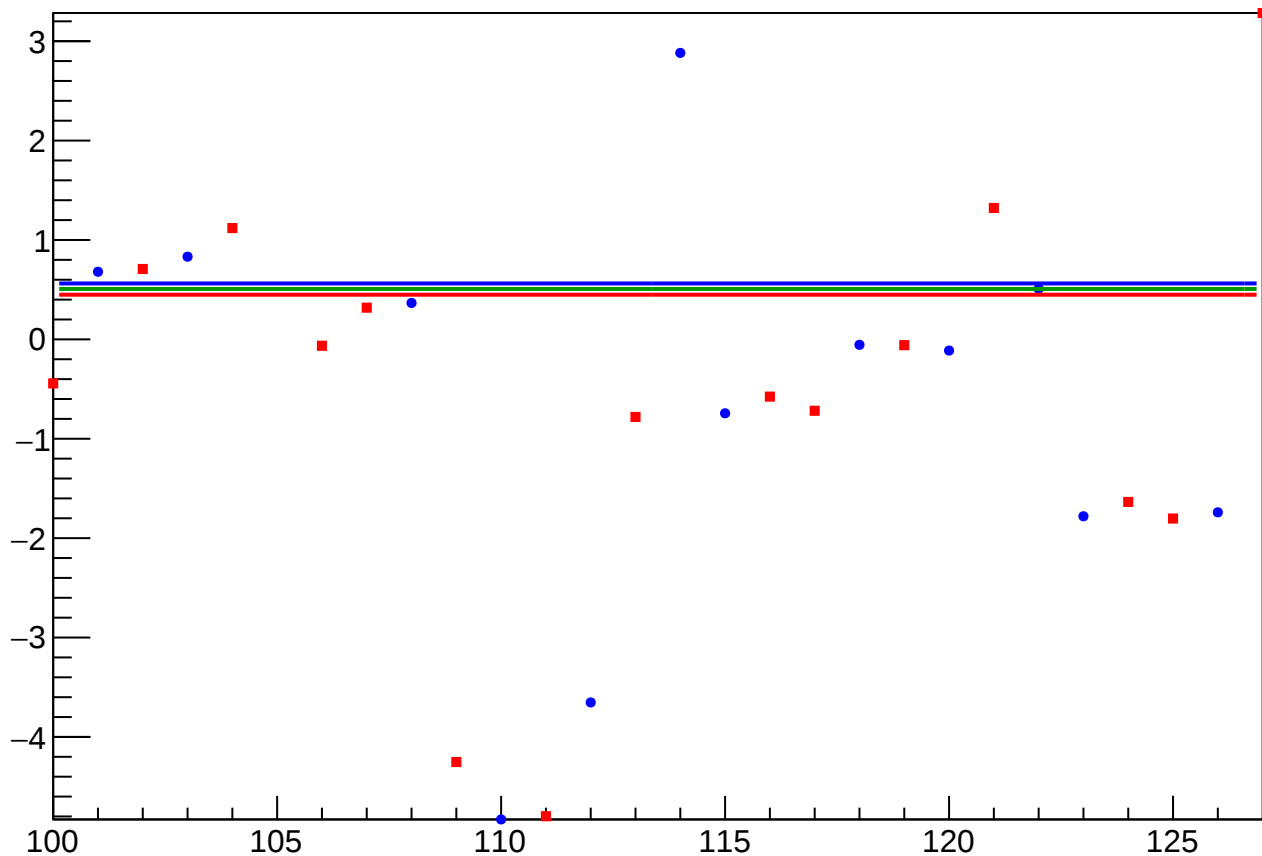
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.041 ± 0.000 χ^2/NDF : 2415008.9/11

0.045 ± 0.000 χ^2/NDF : 4618077.9/26

0.051 ± 0.000 χ^2/NDF : 2071109.5/14

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.563+/-0.000 χ^2/NDF : 1672211554.5/11

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

Right Out: 0.449+/-0.000 χ^2/NDF : 4288307955.2/14

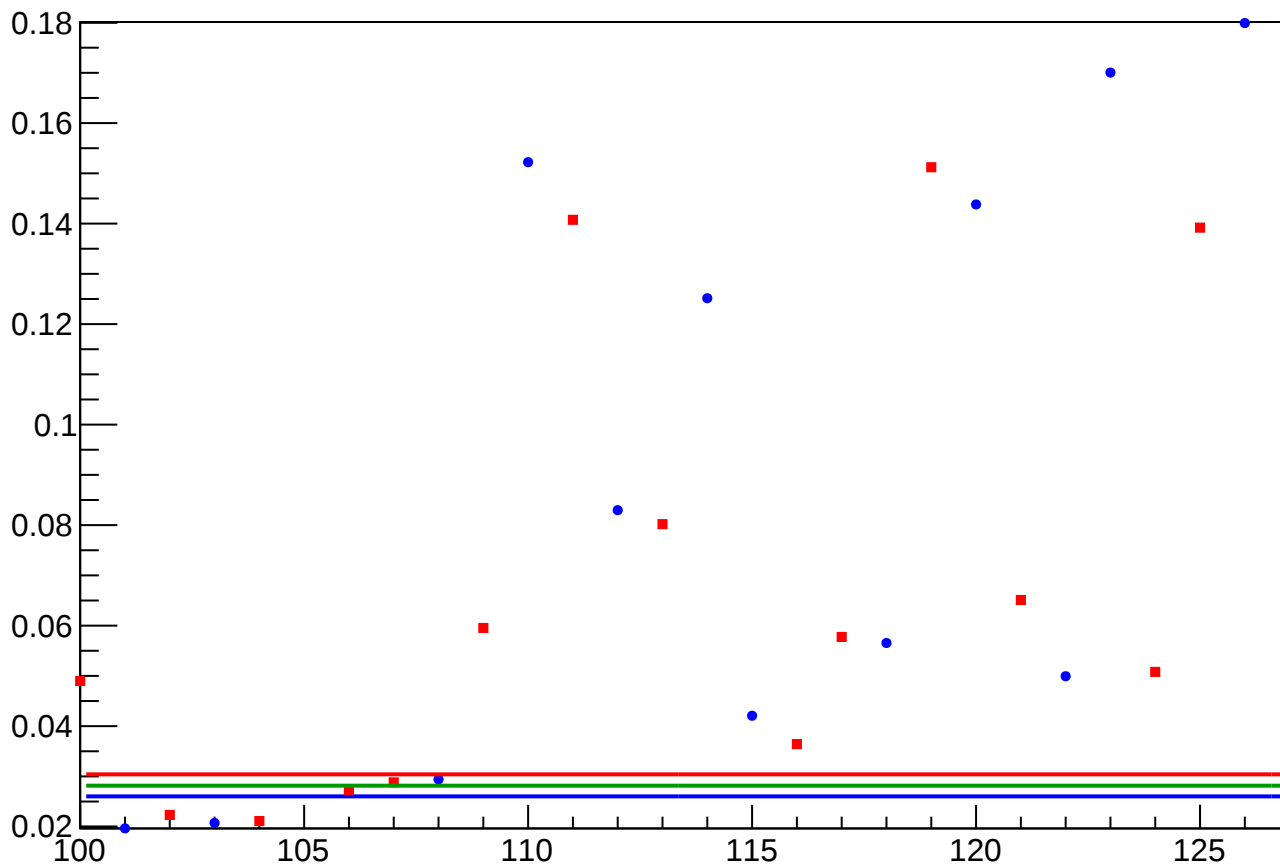
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.563+/-0.000 χ^2/NDF : 1672211554.5/11

0.507+/-0.000 χ^2/NDF : 5980915293.0/26

0.449+/-0.000 χ^2/NDF : 4288307955.2/14

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 2332287.9/11

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

Right Out: 0.030+/-0.000 χ^2/NDF : 2679720.4/14

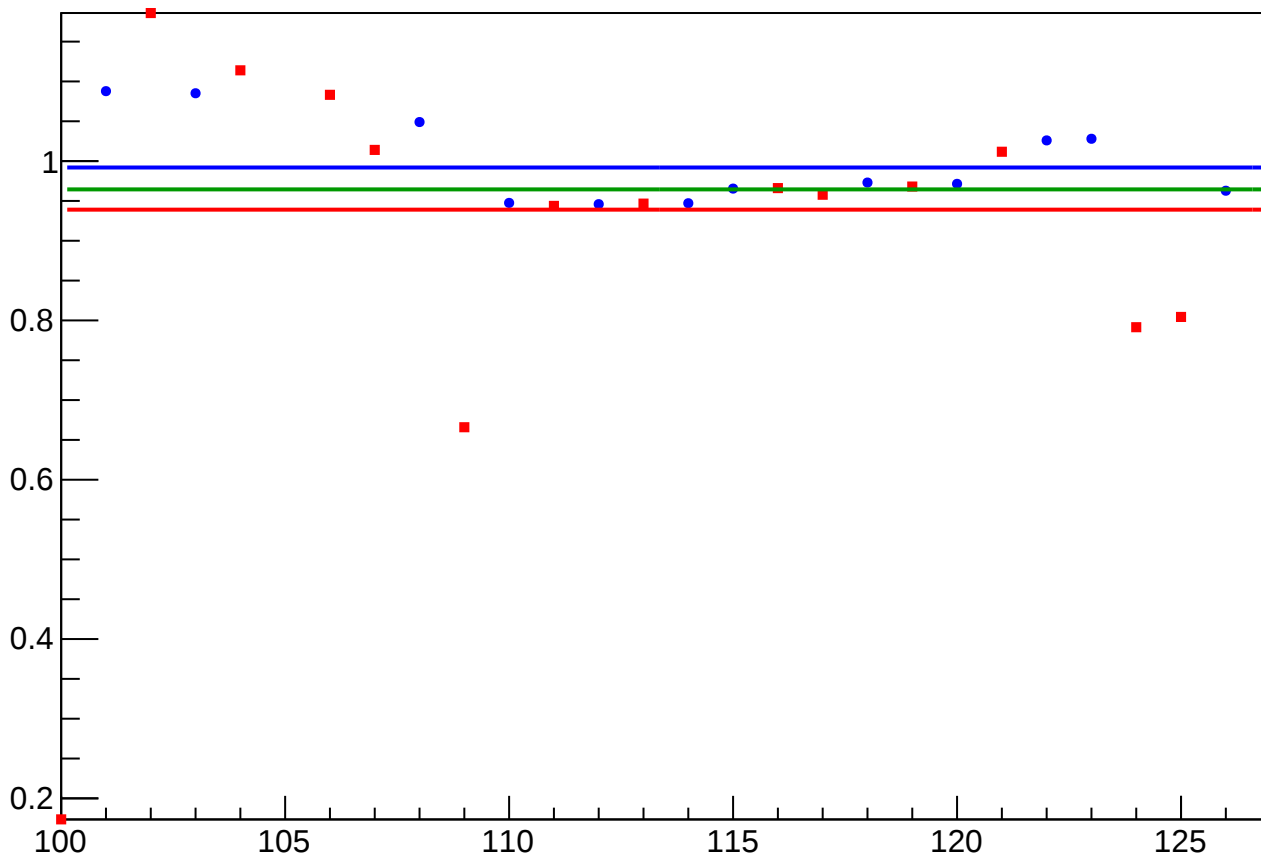
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.000 χ^2/NDF : 2332287.9/11

0.028+/-0.000 χ^2/NDF : 5073089.4/26

0.030+/-0.000 χ^2/NDF : 2679720.4/14

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.992+/-0.000 χ^2/NDF : 45199917.6/11

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

Right Out: 0.939+/-0.000 χ^2/NDF : 316394960.4/14

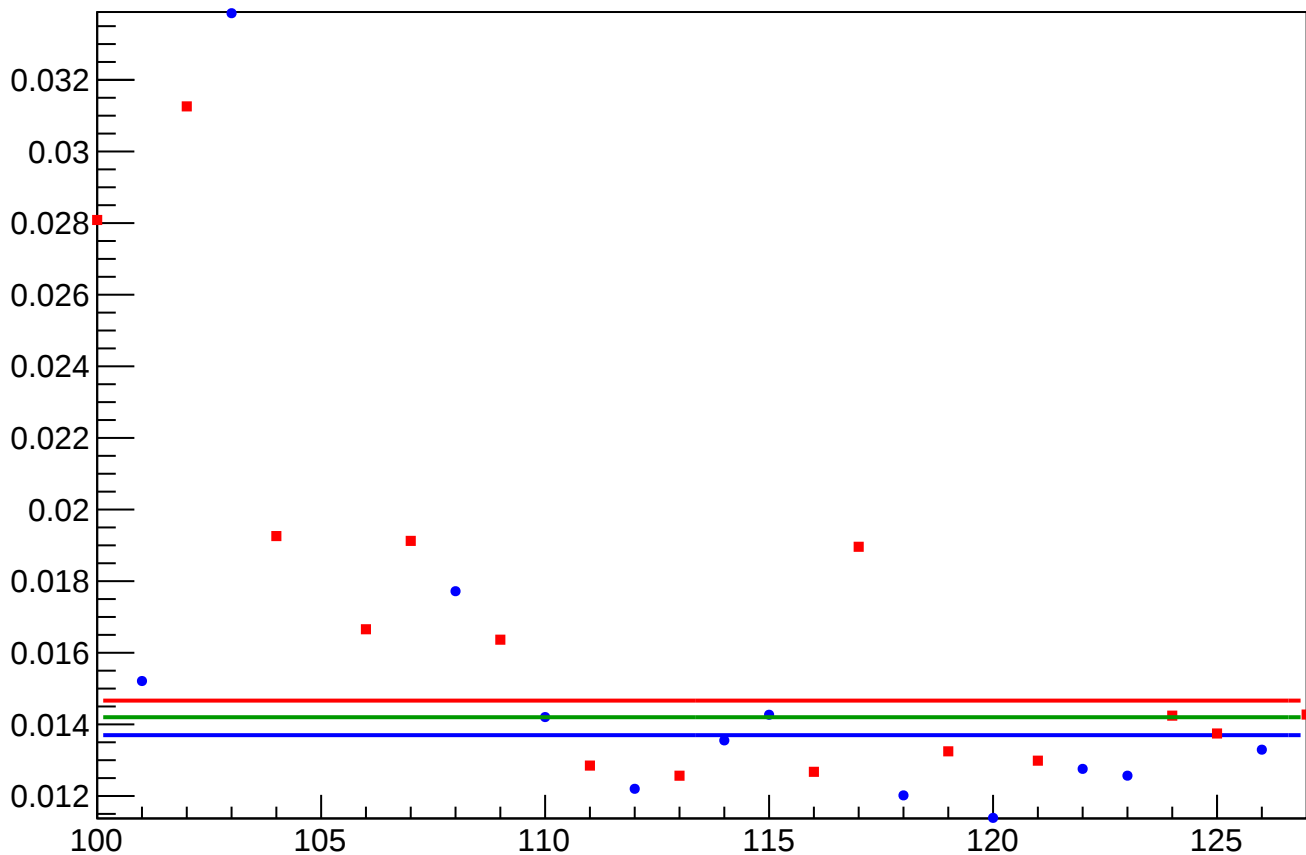
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.992+/-0.000 χ^2/NDF : 45199917.6/11

0.964+/-0.000 χ^2/NDF : 389103426.8/26

0.939+/-0.000 χ^2/NDF : 316394960.4/14

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 470453.8/11

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

Right Out: 0.015+/-0.000 χ^2/NDF : 473091.0/14

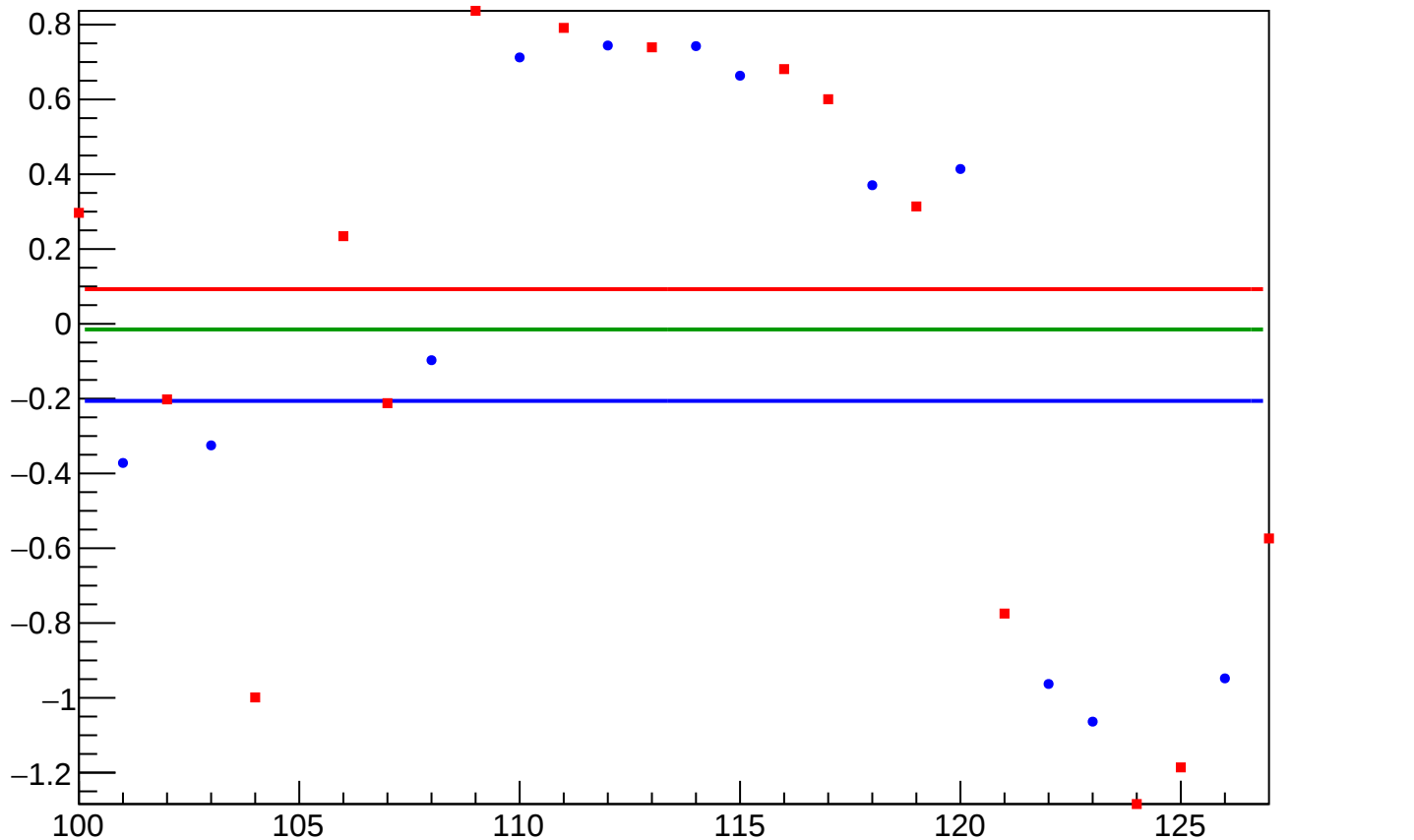
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 470453.8/11

0.014+/-0.000 χ^2/NDF : 961854.0/26

0.015+/-0.000 χ^2/NDF : 473091.0/14

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.206+/-0.000 χ^2/NDF : 4398290852.9/11

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

Right Out: 0.093+/-0.000 χ^2/NDF : 11771843606.0/14

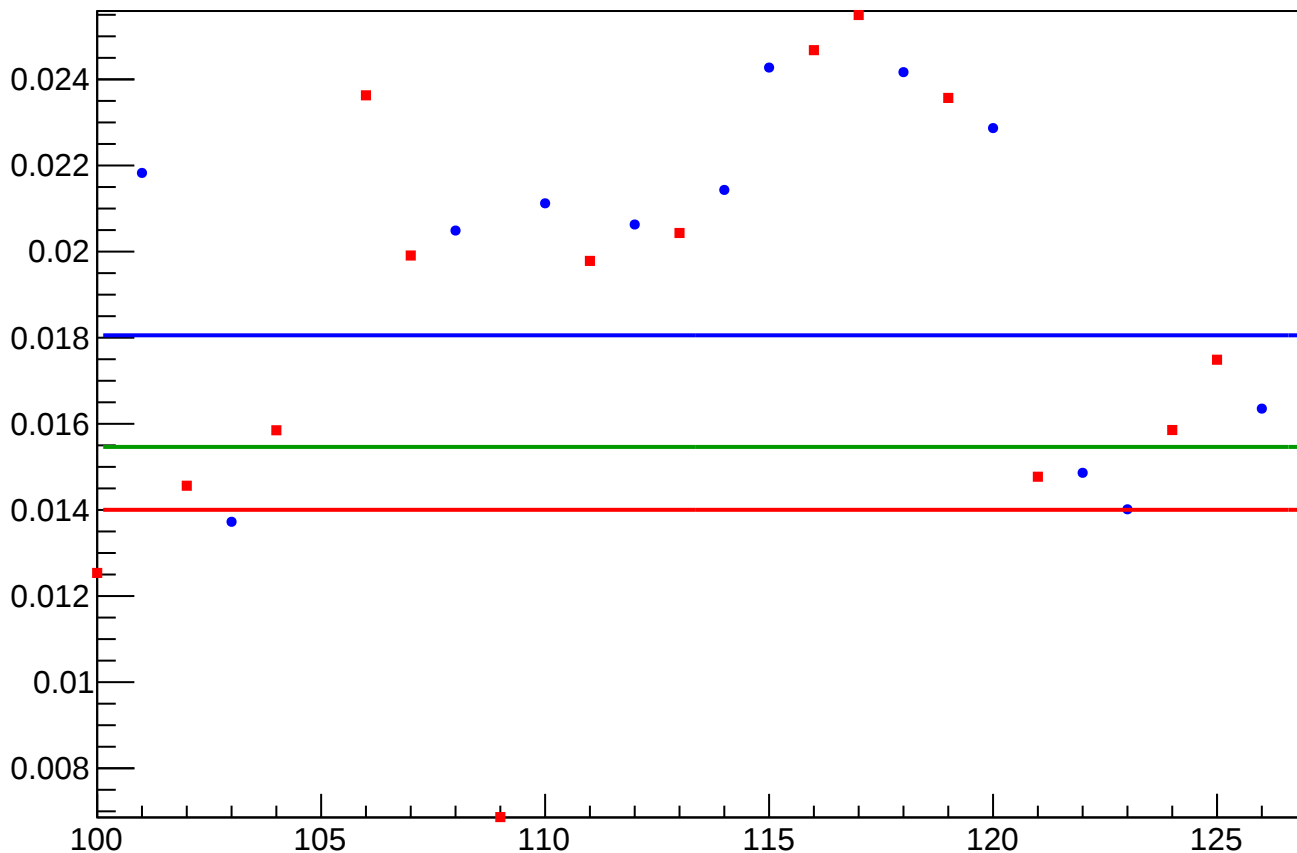
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.206+/-0.000 χ^2/NDF : 4398290852.9/11

-0.015+/-0.000 χ^2/NDF : 16824357758.6/11

0.093+/-0.000 χ^2/NDF : 11771843606.0/14

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 331258.3/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1321531.6/14

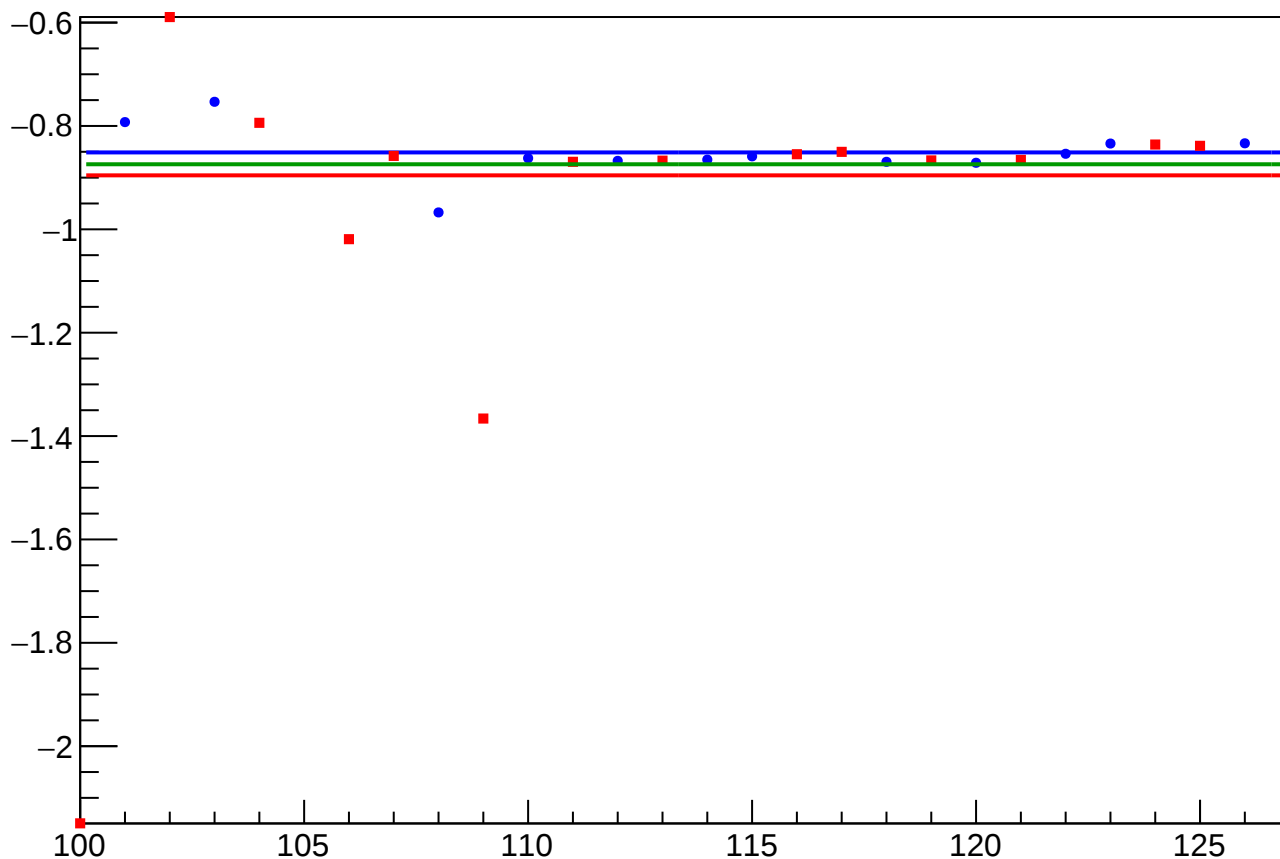
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 331258.3/11

0.015+/-0.000 χ^2/NDF : 1893709.6/26

0.014+/-0.000 χ^2/NDF : 1321531.6/14

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.851+/-0.000 χ^2/NDF : 6367100.0/11

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

Right Out: -0.896+/-0.000 χ^2/NDF : 112452150.3/14

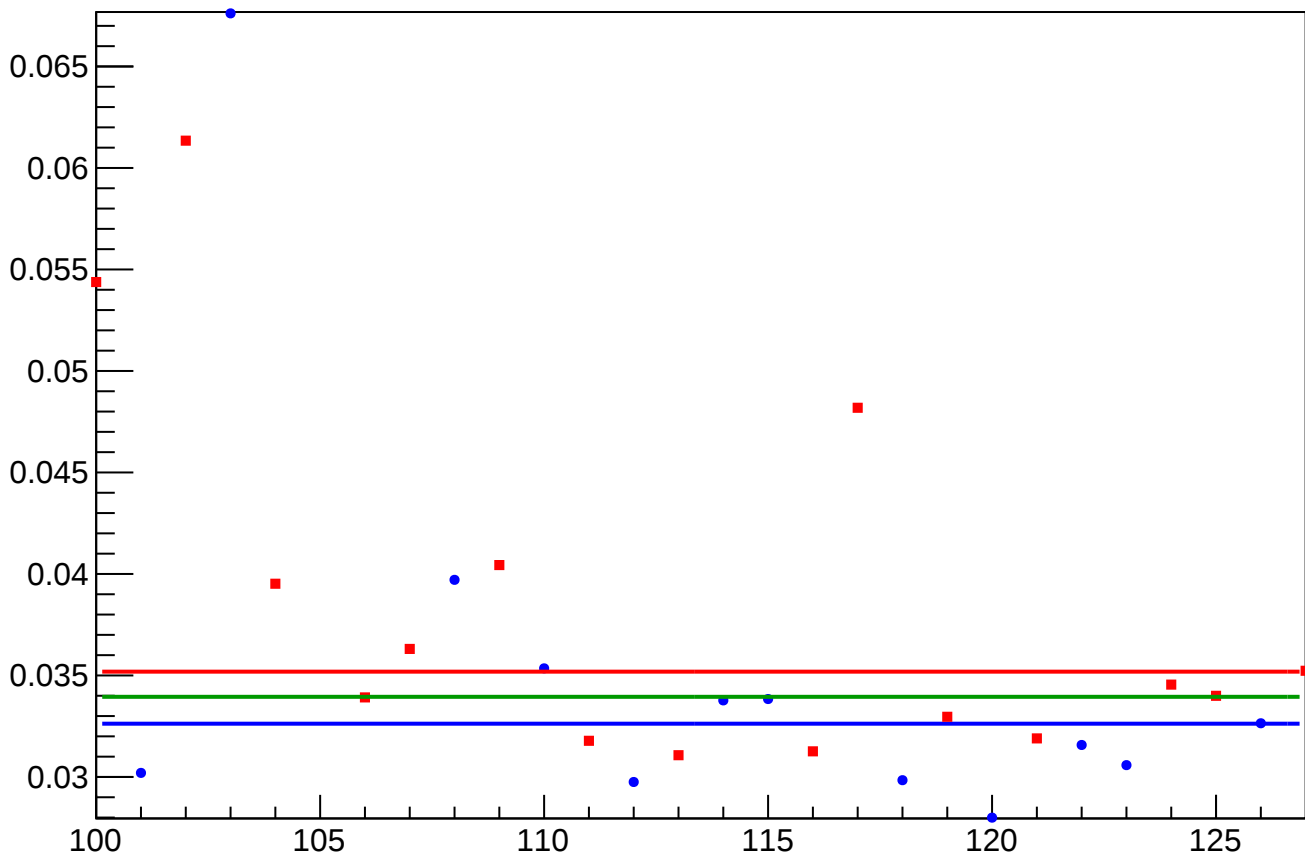
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.851+/-0.000 χ^2/NDF : 6367100.0/11

-0.874+/-0.000 χ^2/NDF : 122251874.4/26

-0.896+/-0.000 χ^2/NDF : 112452150.3/14

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 335476.6/11

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

Right Out: 0.035+/-0.000 χ^2/NDF : 262668.5/14

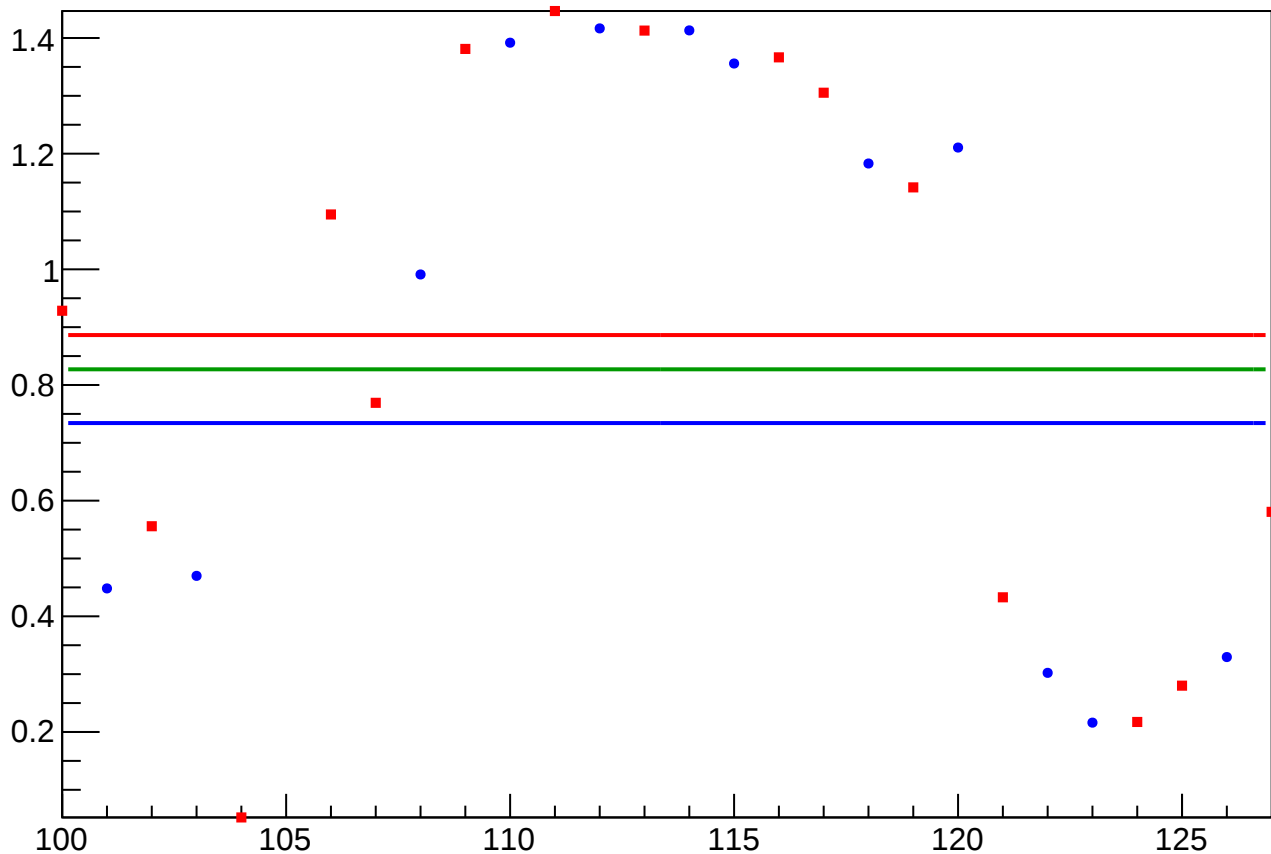
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 335476.6/11

0.034+/-0.000 χ^2/NDF : 621079.1/26

0.035+/-0.000 χ^2/NDF : 262668.5/14

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.734+/-0.000 χ^2/NDF : 4924680531.7/11

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

Right Out: 0.886+/-0.000 χ^2/NDF : 9182228543.2/14

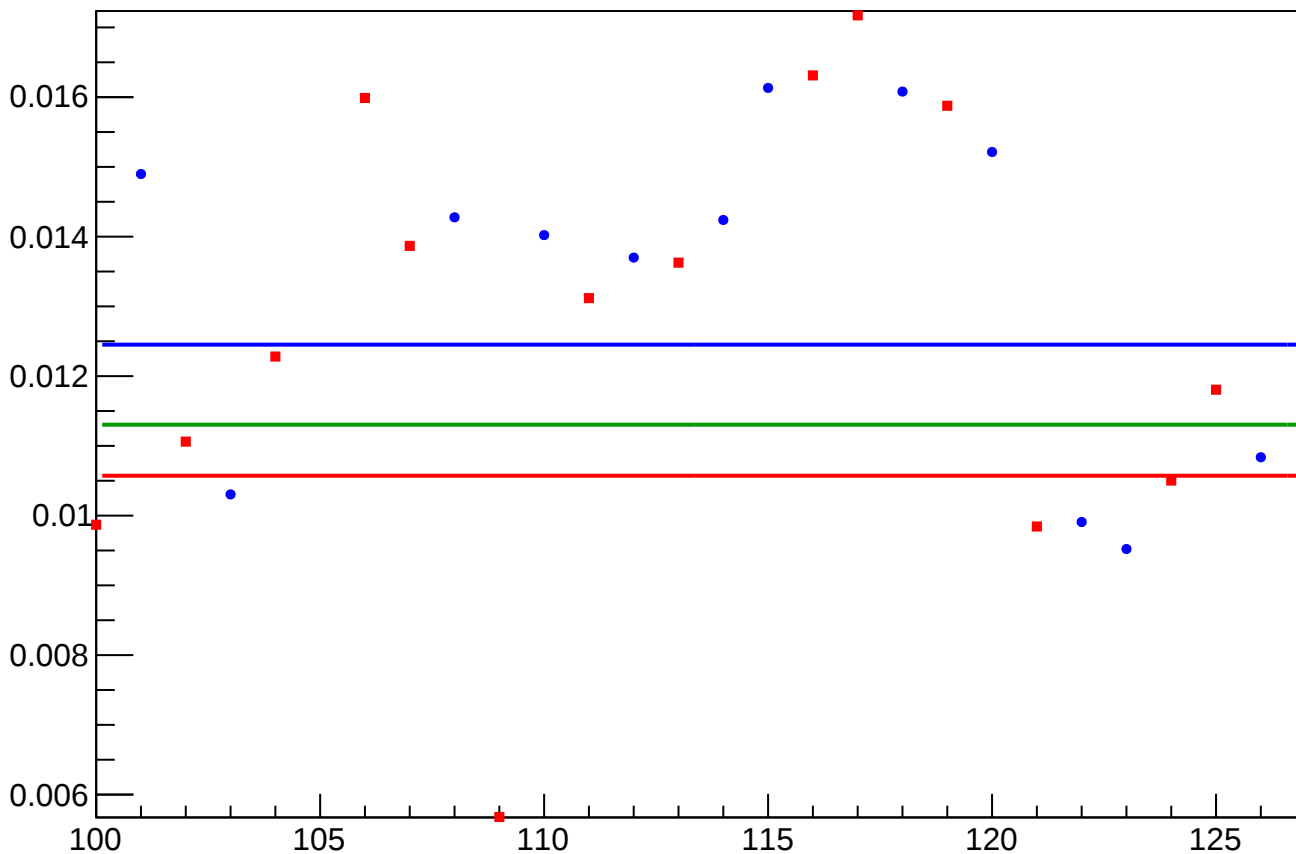
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.734+/-0.000 χ^2/NDF : 4924680531.7/11

0.827+/-0.000 χ^2/NDF : 14449839902.4/2

0.886+/-0.000 χ^2/NDF : 9182228543.2/14

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 257232.2/11

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

Right Out: 0.011+/-0.000 χ^2/NDF : 852773.6/14

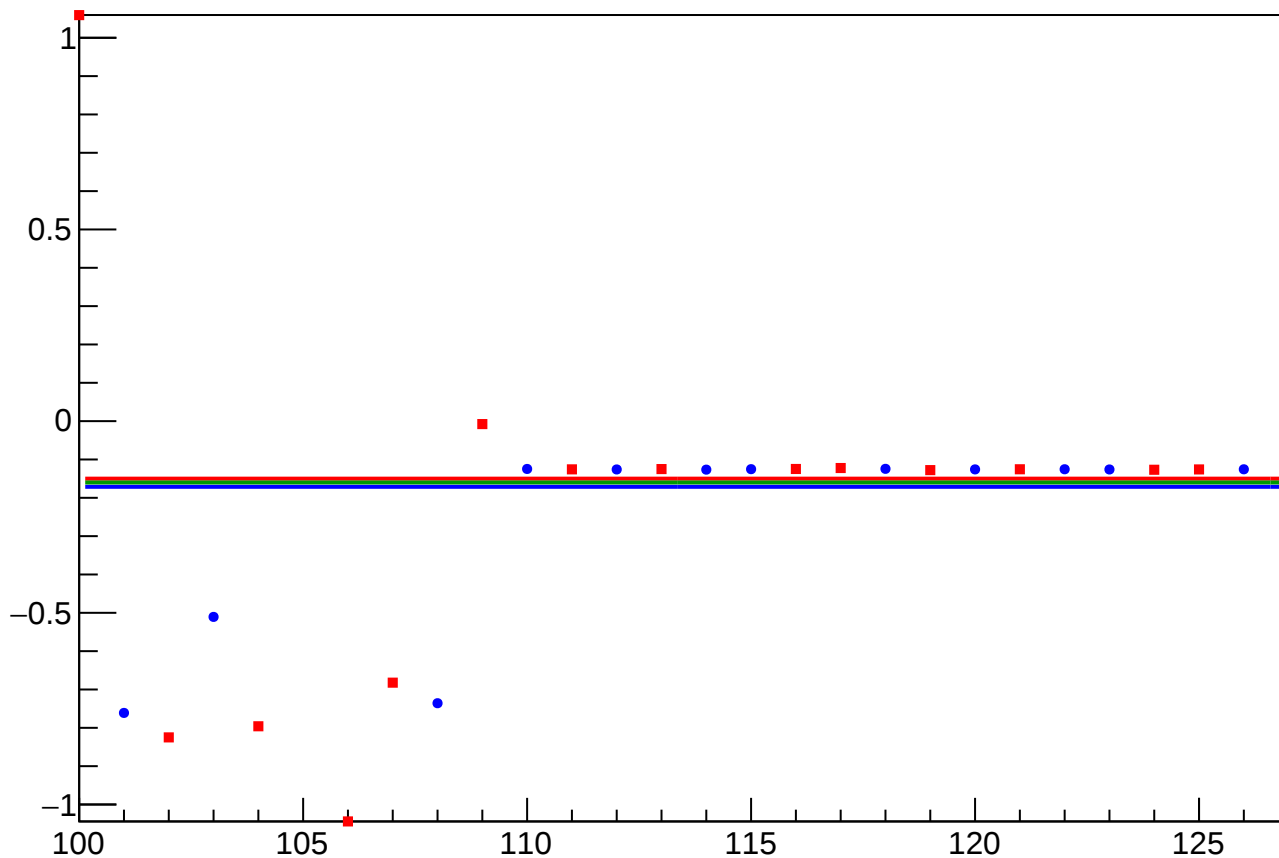
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 257232.2/11

0.011+/-0.000 χ^2/NDF : 1214616.5/26

0.011+/-0.000 χ^2/NDF : 852773.6/14

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.171+/-0.000 χ^2/NDF : 357778534.3/11

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

Right Out: -0.150+/-0.000 χ^2/NDF : 422439043.8/14

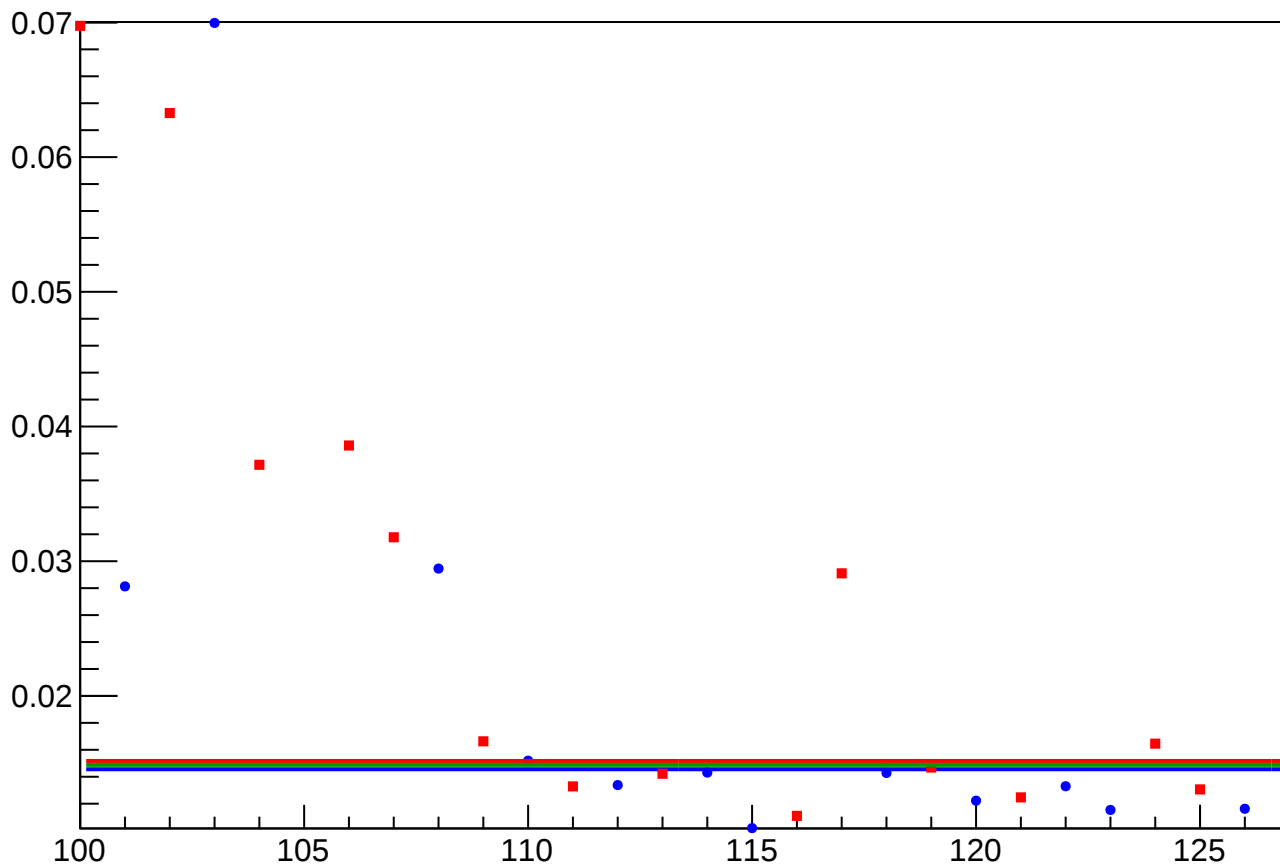
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.171+/-0.000 χ^2/NDF : 357778534.3/11

-0.160+/-0.000 χ^2/NDF : 783528573.2/26

-0.150+/-0.000 χ^2/NDF : 422439043.8/14

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1162588.6/11

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1357392.6/14

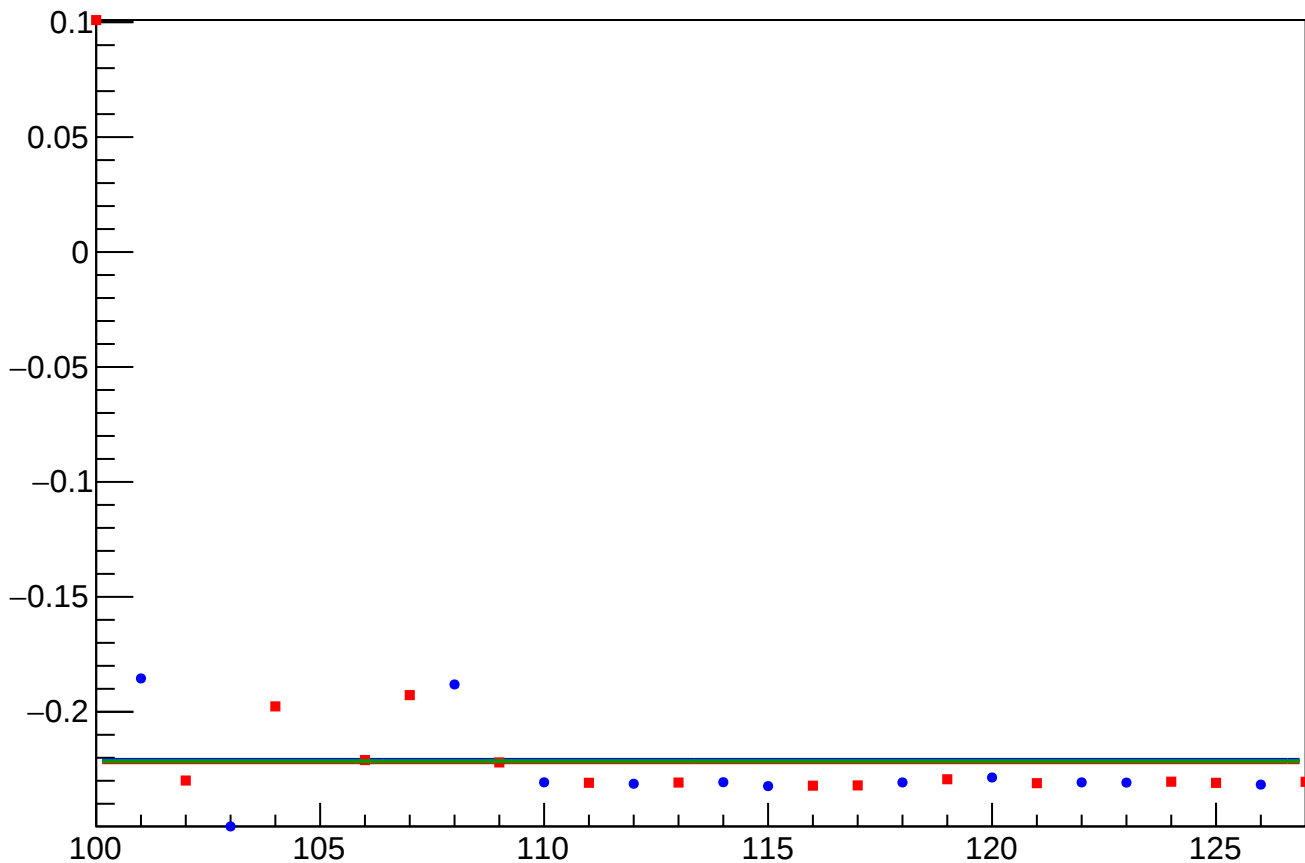
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1162588.6/11

0.015+/-0.000 χ^2/NDF : 2525538.3/26

0.015+/-0.000 χ^2/NDF : 1357392.6/14

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 70349639.4/11

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

Right Out: -0.222+/-0.000 χ^2/NDF : 165863343.6/14

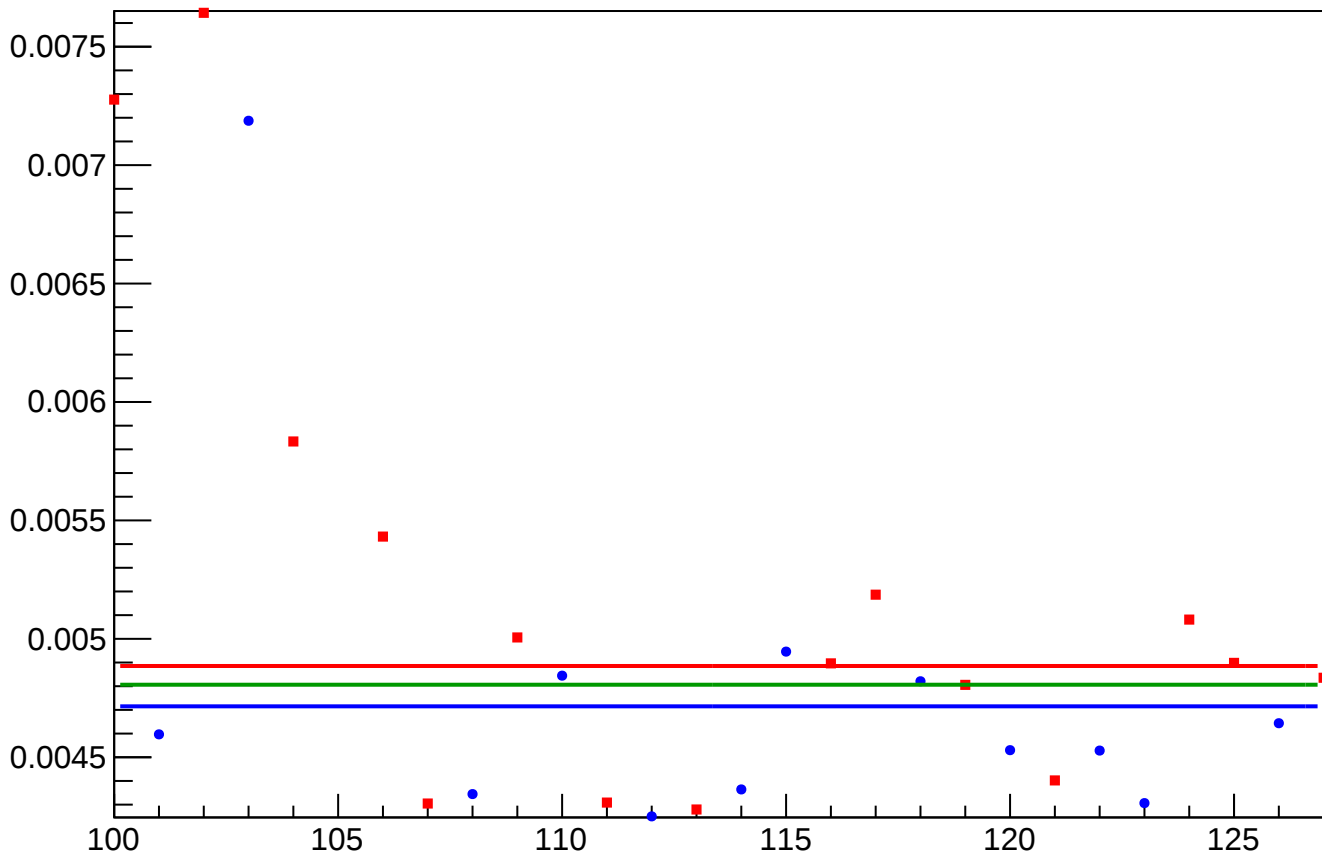
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.221+/-0.000 χ^2/NDF : 70349639.4/11

-0.221+/-0.000 χ^2/NDF : 236304975.0/26

-0.222+/-0.000 χ^2/NDF : 165863343.6/14

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 146484.7/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226691.5/14

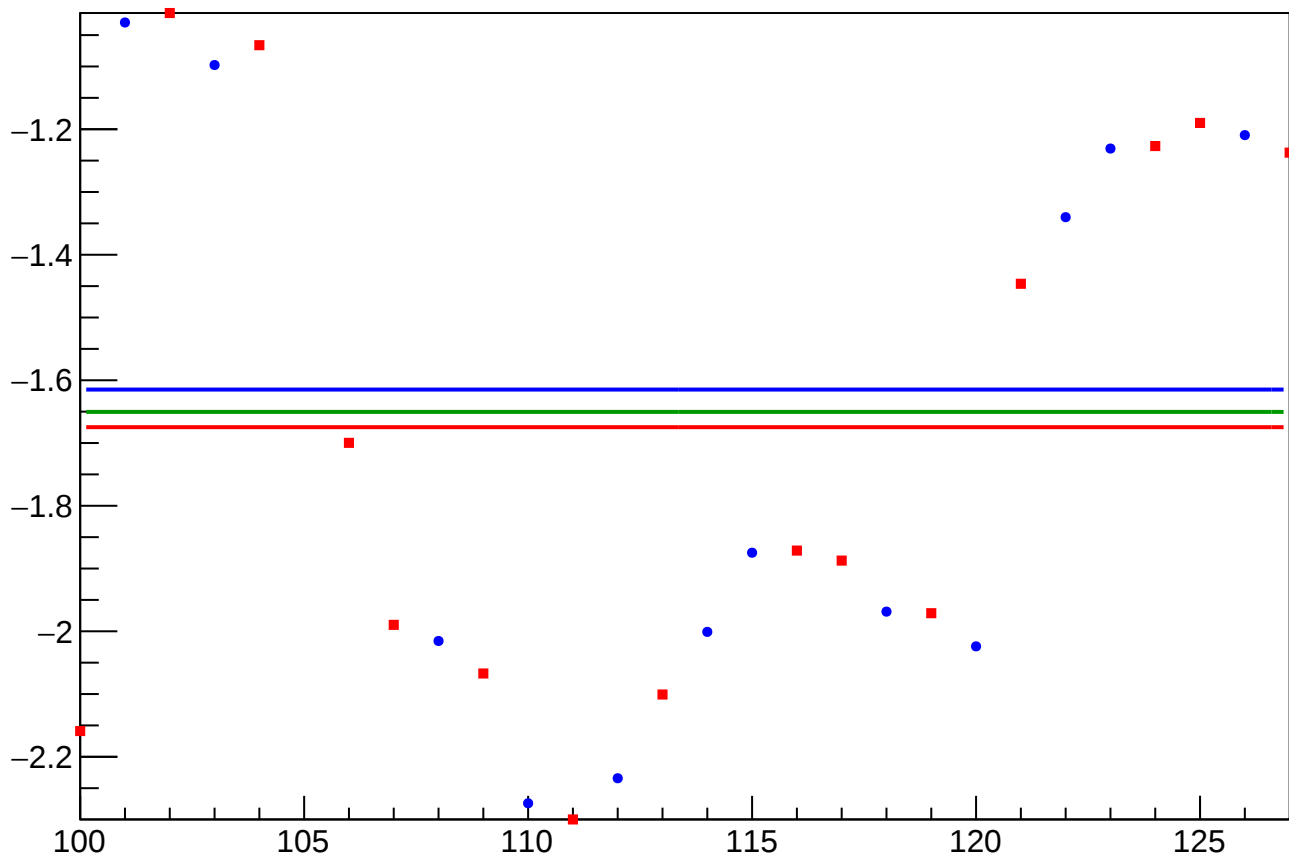
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 146484.7/11

0.005+/-0.000 χ^2/NDF : 378468.8/26

0.005+/-0.000 χ^2/NDF : 226691.5/14

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.615+/-0.000 χ^2/NDF : 18929446338.9/11

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

-1.615+/-0.000 χ^2/NDF : 18929446338.9/11

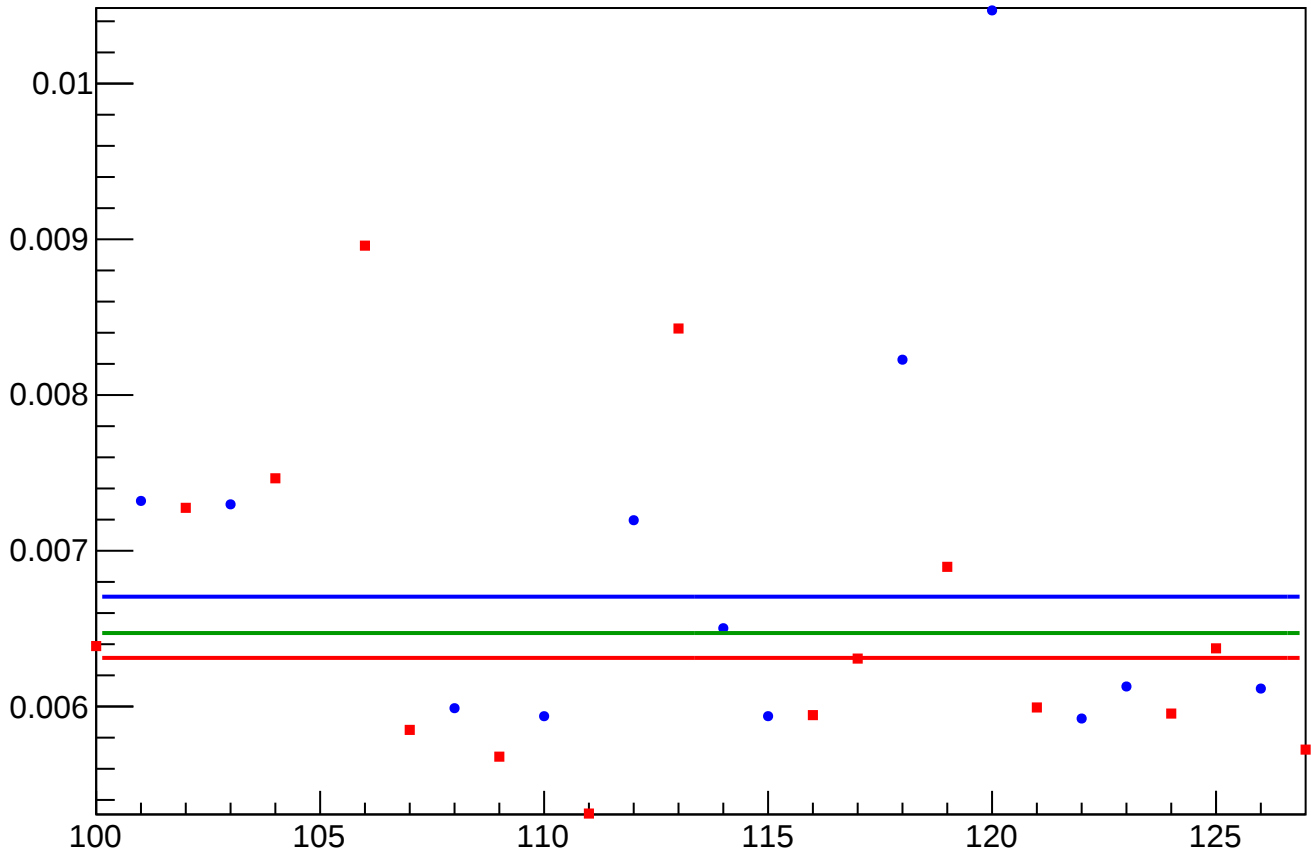
-1.650+/-0.000 χ^2/NDF : 44041474268.6/11

Right Out: -1.675+/-0.000 χ^2/NDF : 24935406601.5/14

-1.675+/-0.000 χ^2/NDF : 24935406601.5/14

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

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 149455.5/11

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

Right Out: 0.006+/-0.000 χ^2/NDF : 192735.8/14

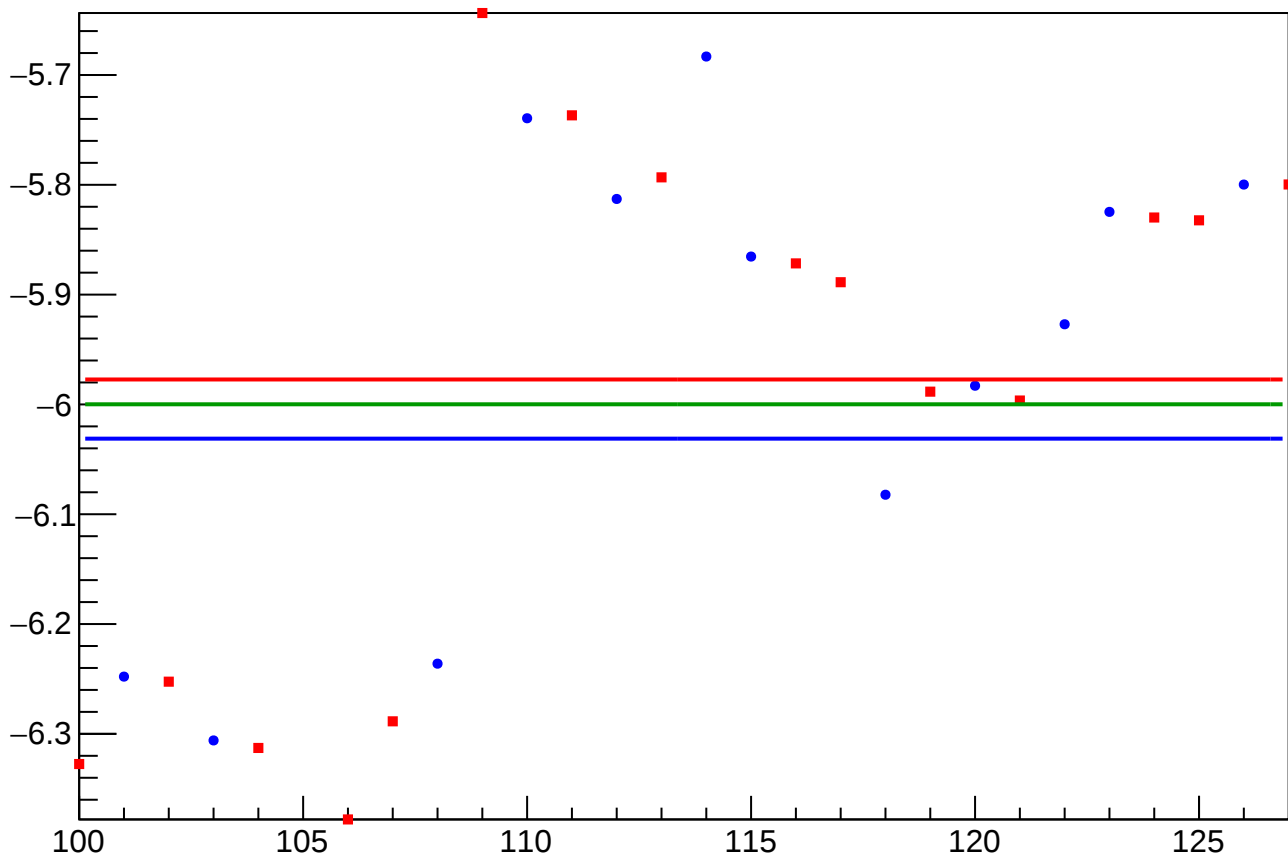
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 149455.5/11

0.006+/-0.000 χ^2/NDF : 357382.0/26

0.006+/-0.000 χ^2/NDF : 192735.8/14

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.031+/-0.000 χ^2/NDF : 5892899308.6/11

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

Right Out: -5.977+/-0.000 χ^2/NDF : 9741513926.3/14

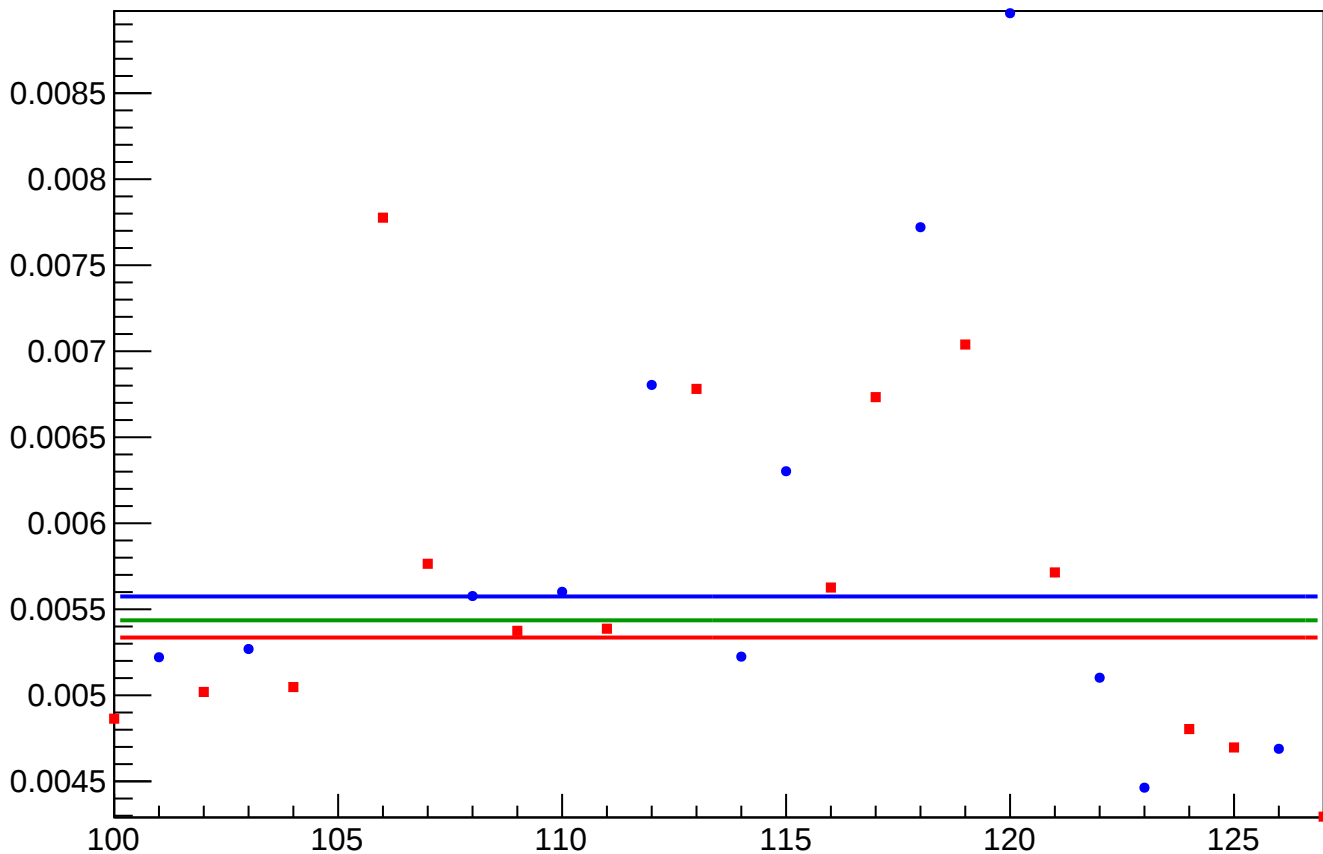
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.031+/-0.000 χ^2/NDF : 5892899308.6/11

-6.000+/-0.000 χ^2/NDF : 15836343589.8/14

-5.977+/-0.000 χ^2/NDF : 9741513926.3/14

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 208907.0/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 218411.7/14

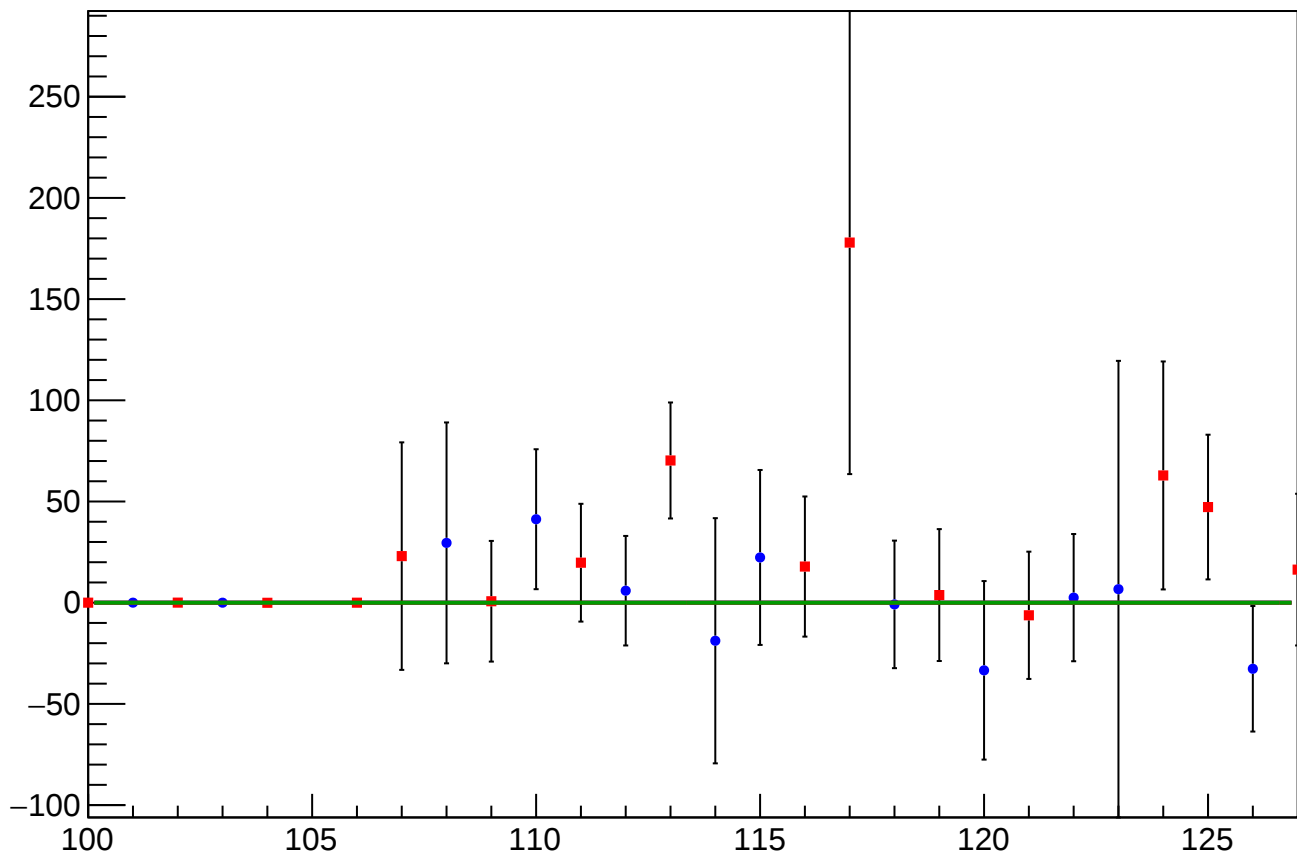
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 208907.0/11

0.005+/-0.000 χ^2/NDF : 435249.3/26

0.005+/-0.000 χ^2/NDF : 218411.7/14

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 3.9/11

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 17.4/14

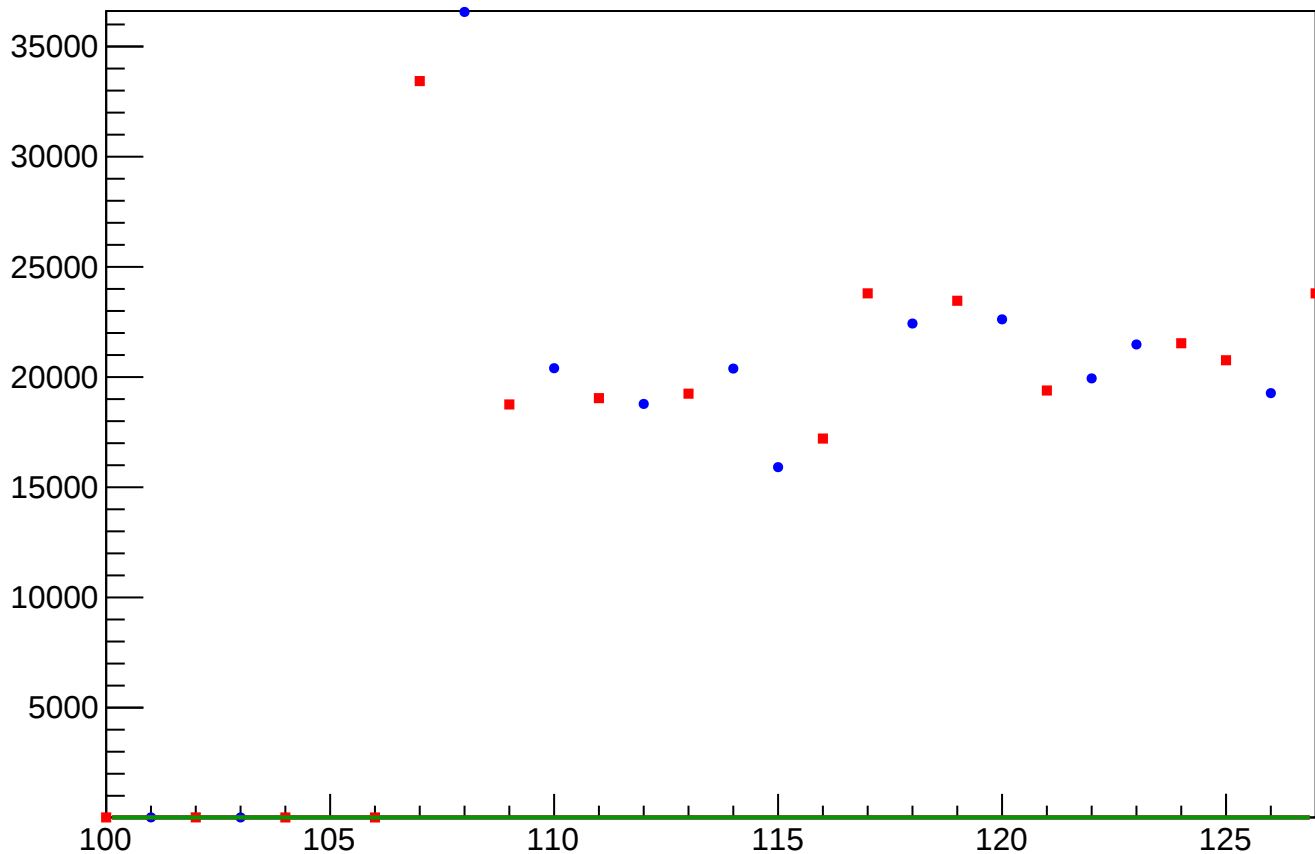
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 3.9/11

0.004 $\pm$ 0.012 χ^2 /NDF: 21.8/26

-0.003 $\pm$ 0.016 χ^2 /NDF: 17.4/14

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.603+/-0.012 χ^2/NDF : 6103400.4/11

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

Right Out: 18.287+/-0.011 χ^2/NDF : 7409934.2/14

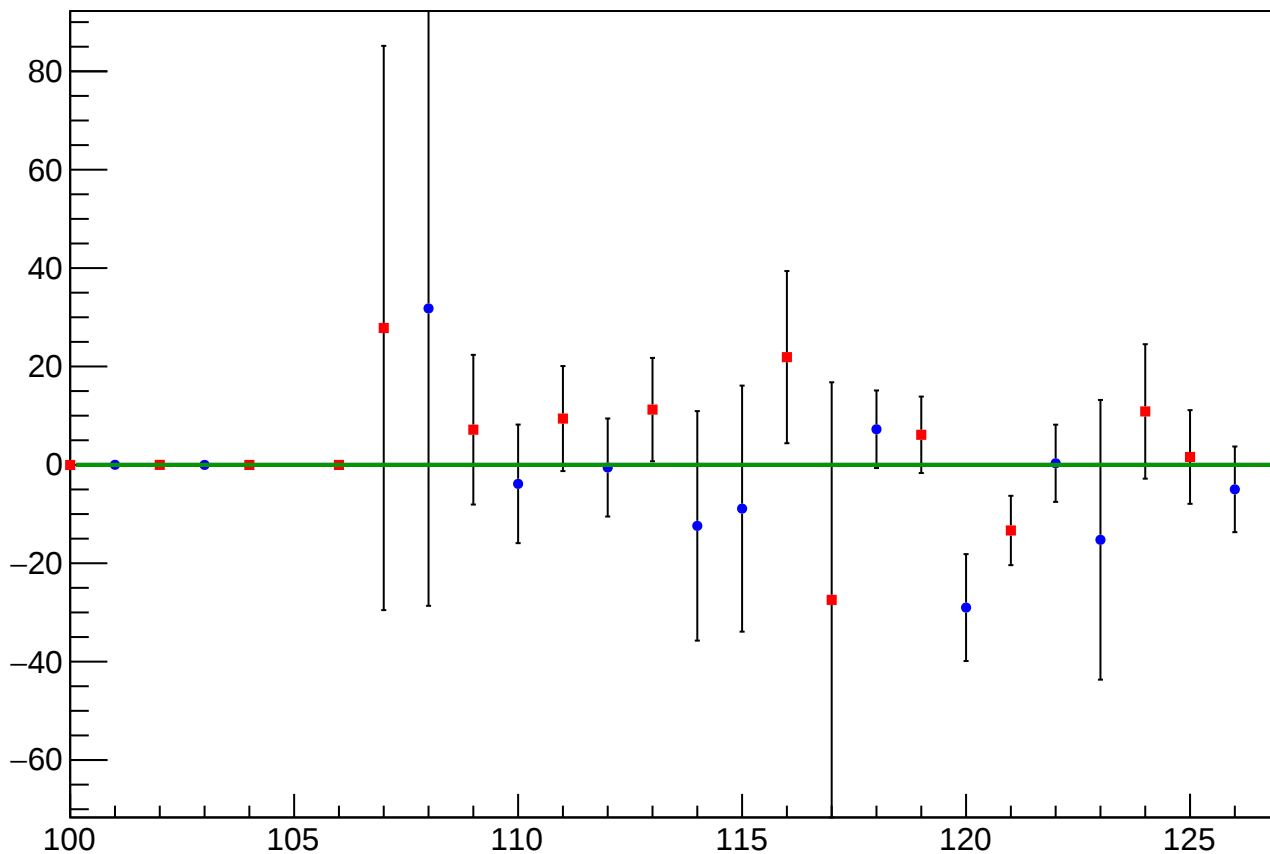
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.603+/-0.012 χ^2/NDF : 6103400.4/11

18.433+/-0.008 χ^2/NDF : 13513691.9/26

18.287+/-0.011 χ^2/NDF : 7409934.2/14

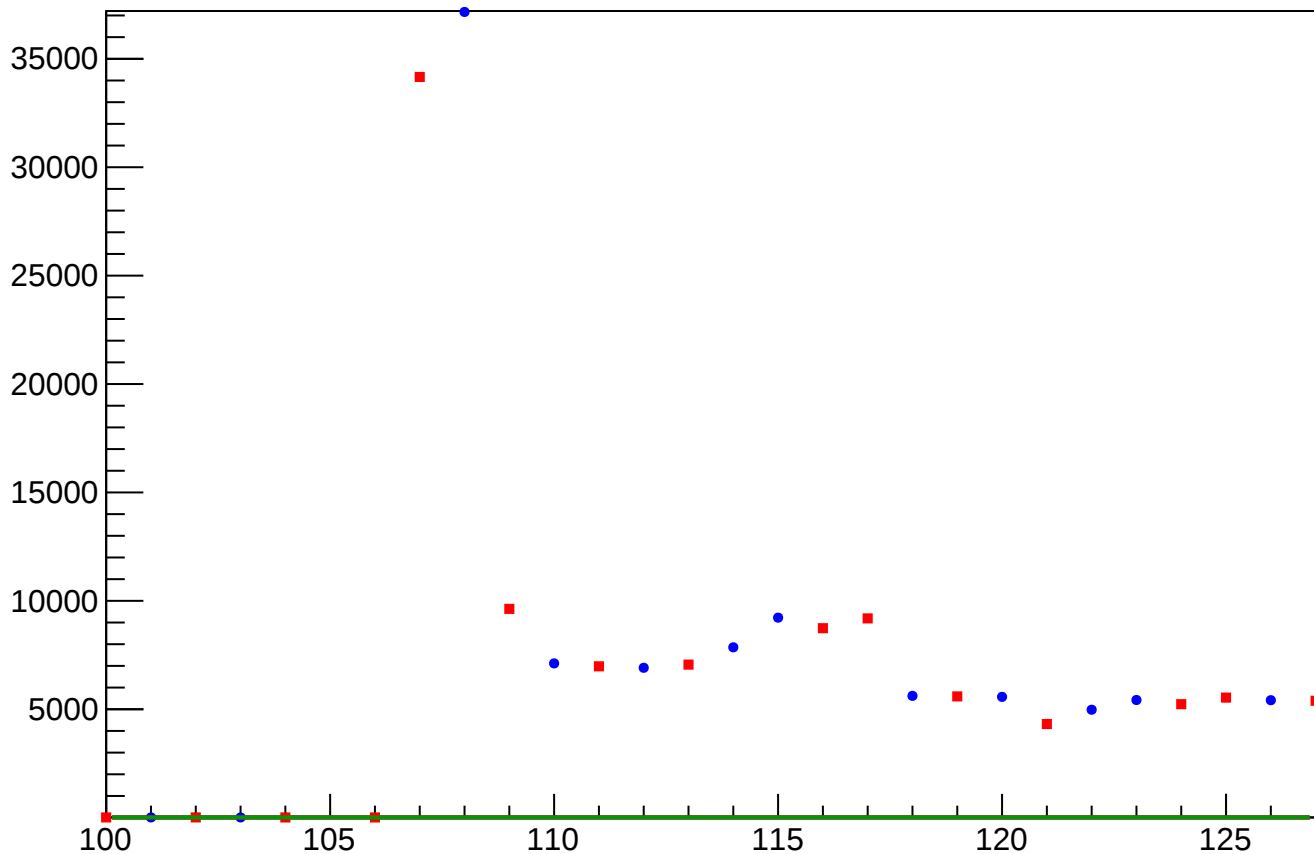
diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 10.5/11
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 10.4/14
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.001 $\pm$ 0.009 χ^2 /NDF: 10.5/11
-0.007 $\pm$ 0.006 χ^2 /NDF: 22.3/26
-0.014 $\pm$ 0.009 χ^2 /NDF: 10.4/14

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.893+/-0.007 χ^2/NDF : 6100125.8/11

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

Right Out: 9.822+/-0.006 χ^2/NDF : 7473988.3/14

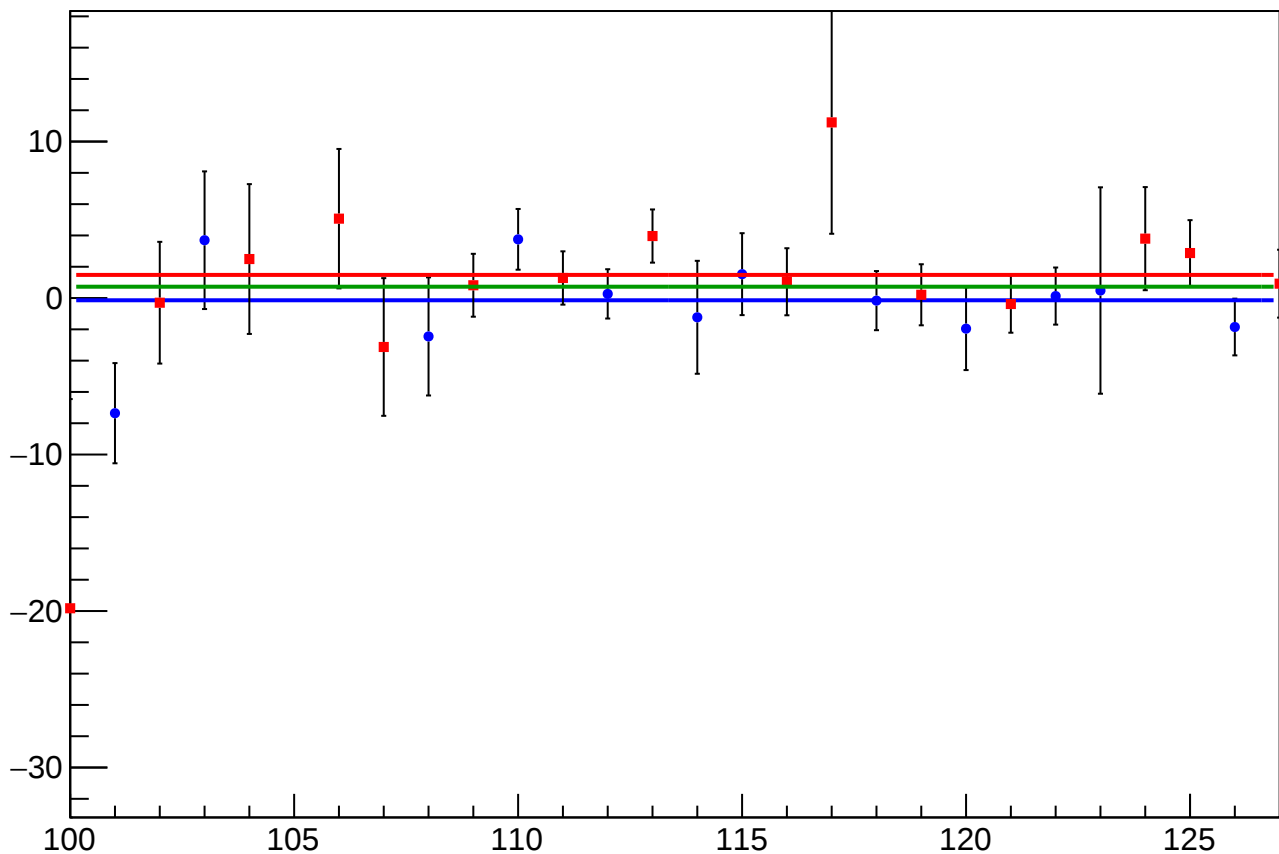
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.893+/-0.007 χ^2/NDF : 6100125.8/11

9.856+/-0.004 χ^2/NDF : 13574177.4/26

9.822+/-0.006 χ^2/NDF : 7473988.3/14

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.142 ± 0.680 χ^2/NDF : 12.2/11

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

Right Out: 1.479 ± 0.634 χ^2/NDF : 11.2/14

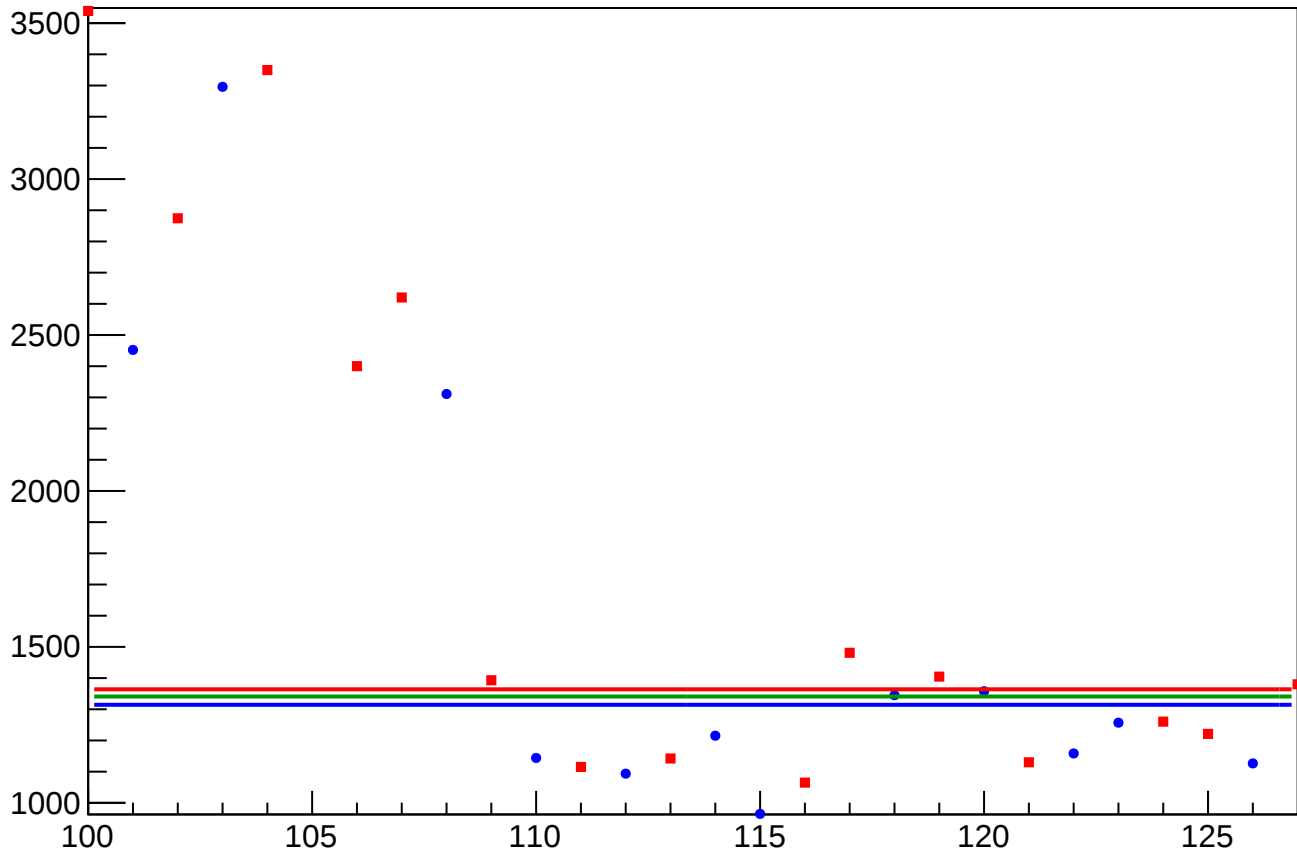
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.142 ± 0.680 χ^2/NDF : 12.2/11

0.725 ± 0.464 χ^2/NDF : 26.4/26

1.479 ± 0.634 χ^2/NDF : 11.2/14

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1314.352 $\pm$ 0.481 χ^2 /NDF: 927308.4/11

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

Right Out: 1364.084 $\pm$ 0.449 χ^2 /NDF: 1131513.3/14

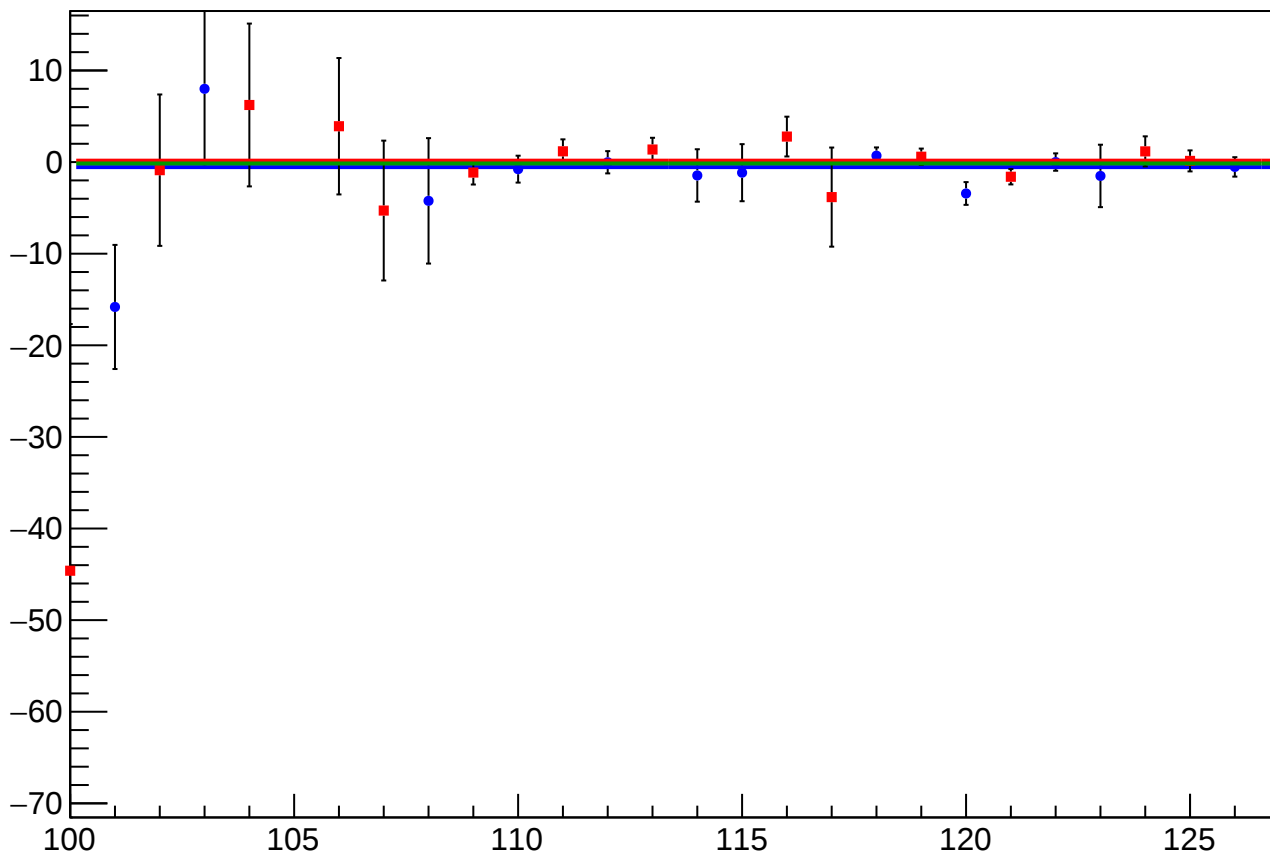
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1314.352 $\pm$ 0.481 χ^2 /NDF: 927308.4/11

1340.949 $\pm$ 0.328 χ^2 /NDF: 2064539.3/26

1364.084 $\pm$ 0.449 χ^2 /NDF: 1131513.3/14

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.547+/-0.431 χ^2/NDF : 14.4/11

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

Right Out: 0.154+/-0.380 χ^2/NDF : 13.9/14

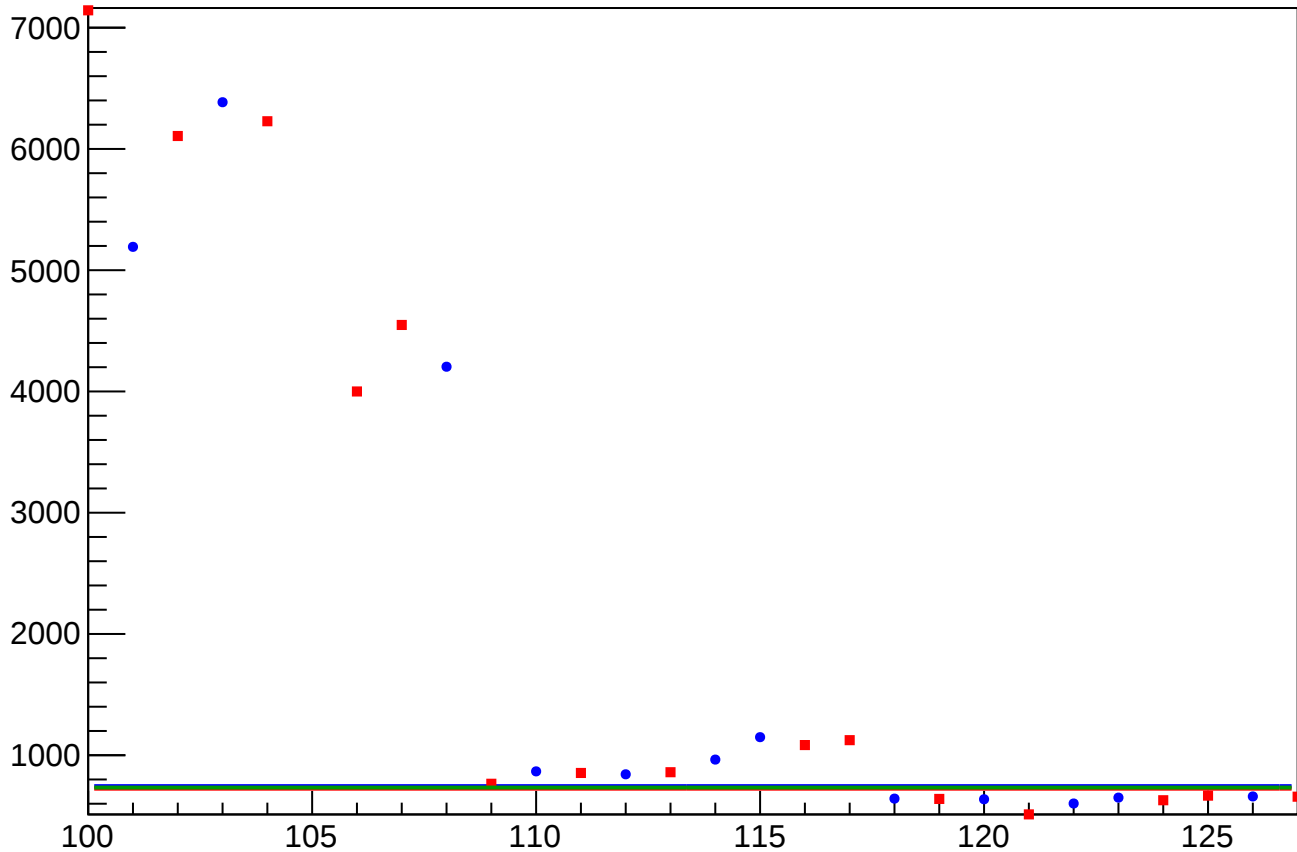
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.547+/-0.431 χ^2/NDF : 14.4/11

-0.153+/-0.285 χ^2/NDF : 29.8/26

0.154+/-0.380 χ^2/NDF : 13.9/14

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 745.195+/-0.305 χ^2/NDF : 2427830.9/11

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

Right Out: 724.174+/-0.269 χ^2/NDF : 2895337.3/14

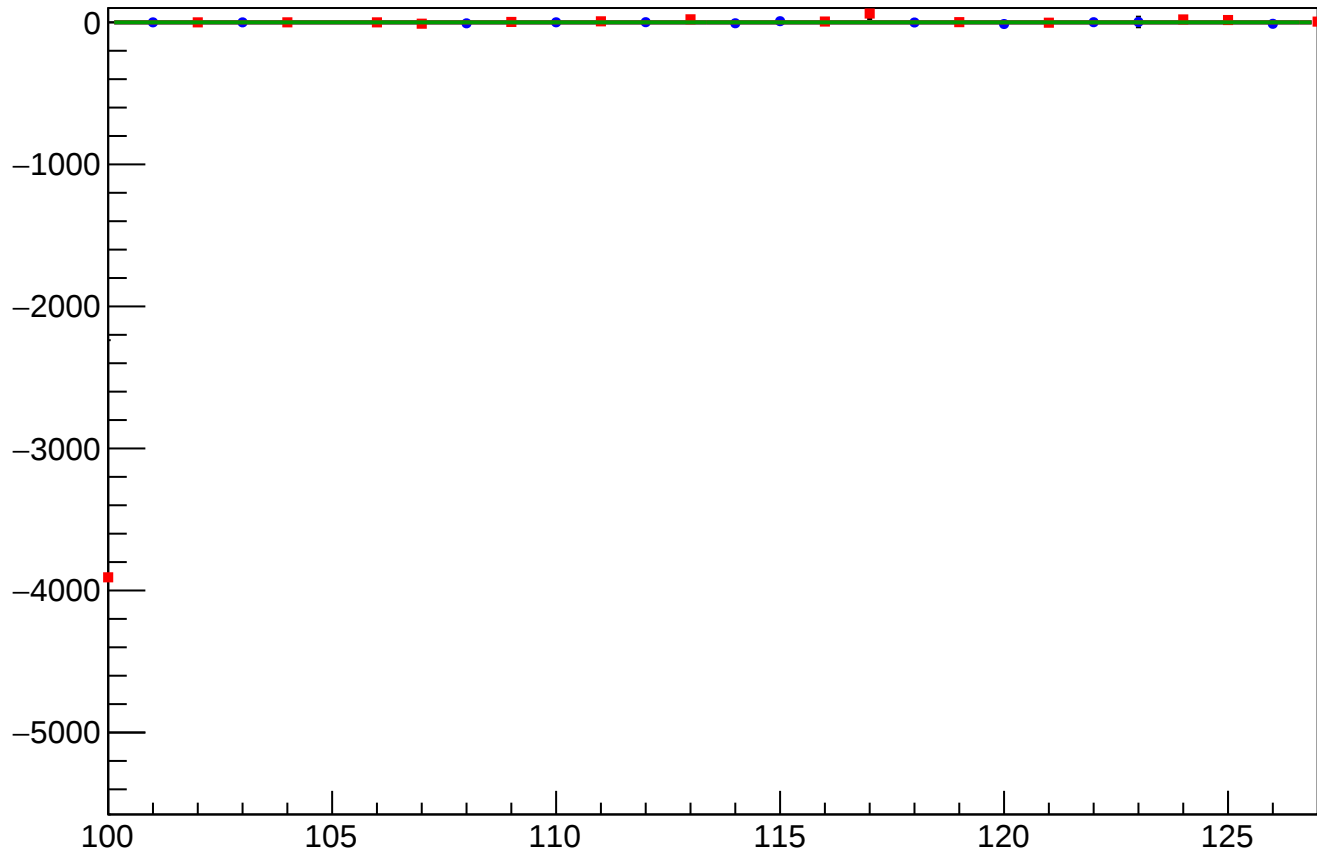
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

745.195+/-0.305 χ^2/NDF : 2427830.9/11

733.376+/-0.202 χ^2/NDF : 5325845.4/26

724.174+/-0.269 χ^2/NDF : 2895337.3/14

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2 /NDF: 3.0/11

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

Right Out: 0.027+/-0.020 χ^2 /NDF: 19.4/14

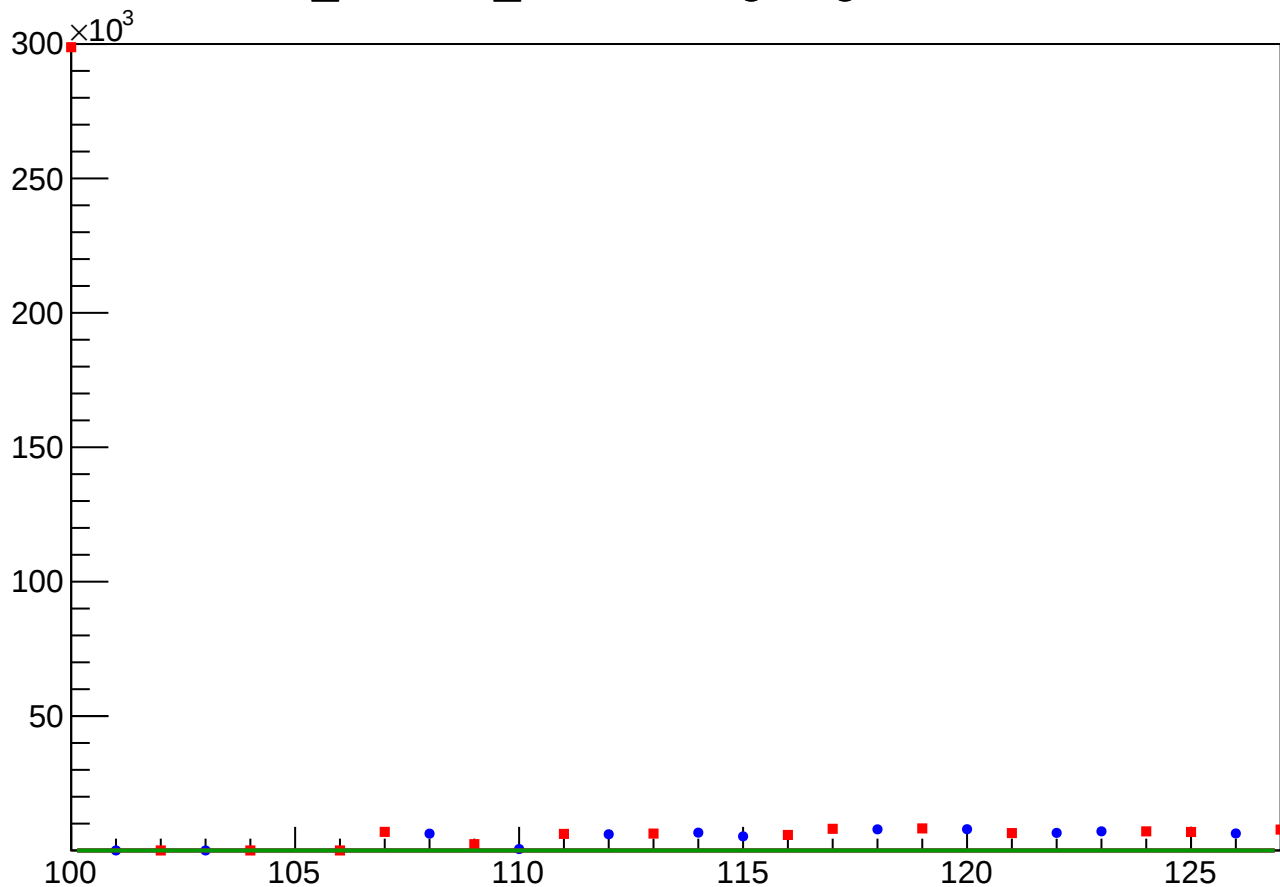
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.021+/-0.021 χ^2 /NDF: 3.0/11

0.004+/-0.014 χ^2 /NDF: 25.3/26

0.027+/-0.020 χ^2 /NDF: 19.4/14

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.177 $\pm$ 0.015 χ^2 /NDF: 5624394.0/11

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

Right Out: 17.161 $\pm$ 0.014 χ^2 /NDF: 7132799.7/14

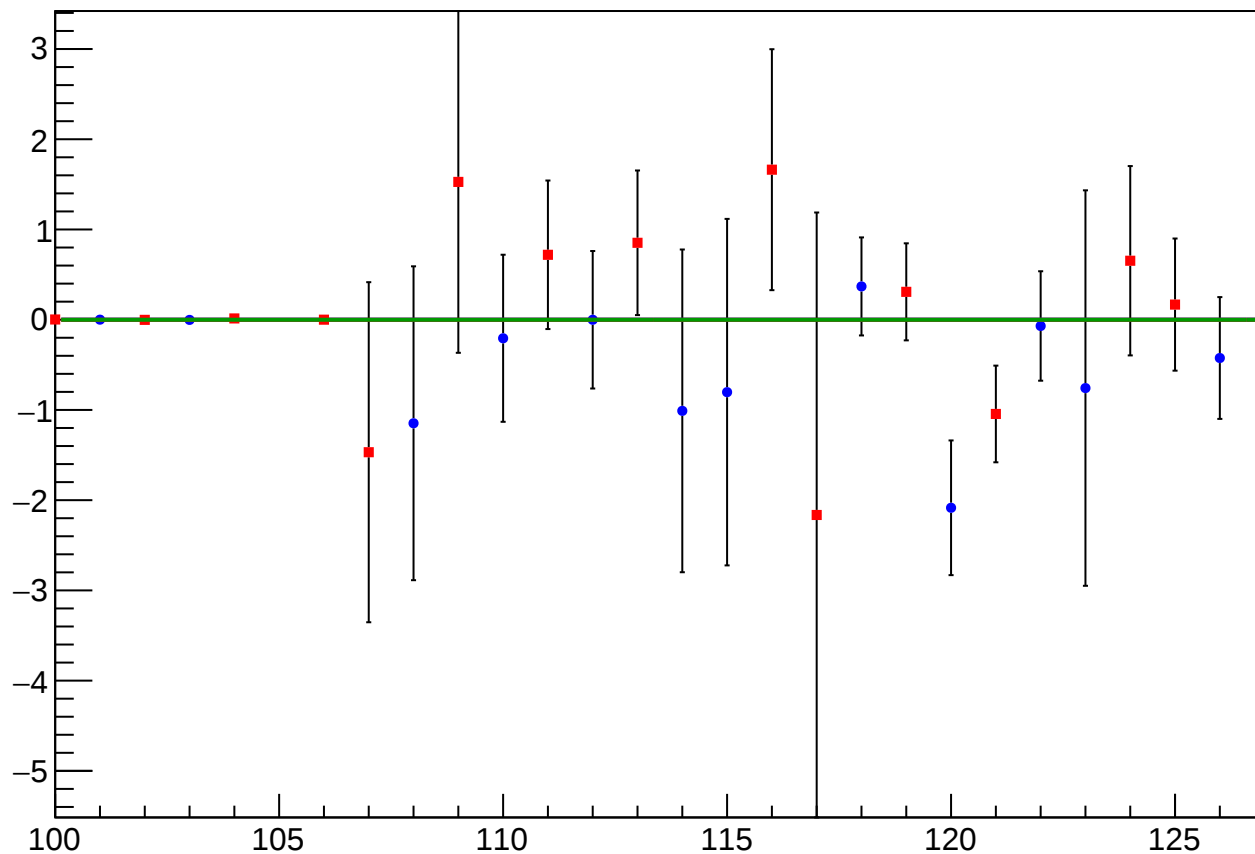
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.177 $\pm$ 0.015 χ^2 /NDF: 5624394.0/11

17.168 $\pm$ 0.010 χ^2 /NDF: 12757194.3/26

17.161 $\pm$ 0.014 χ^2 /NDF: 7132799.7/14

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 10.0/11

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

Right Out: -0.001+/-0.002 χ^2/NDF : 11.3/14

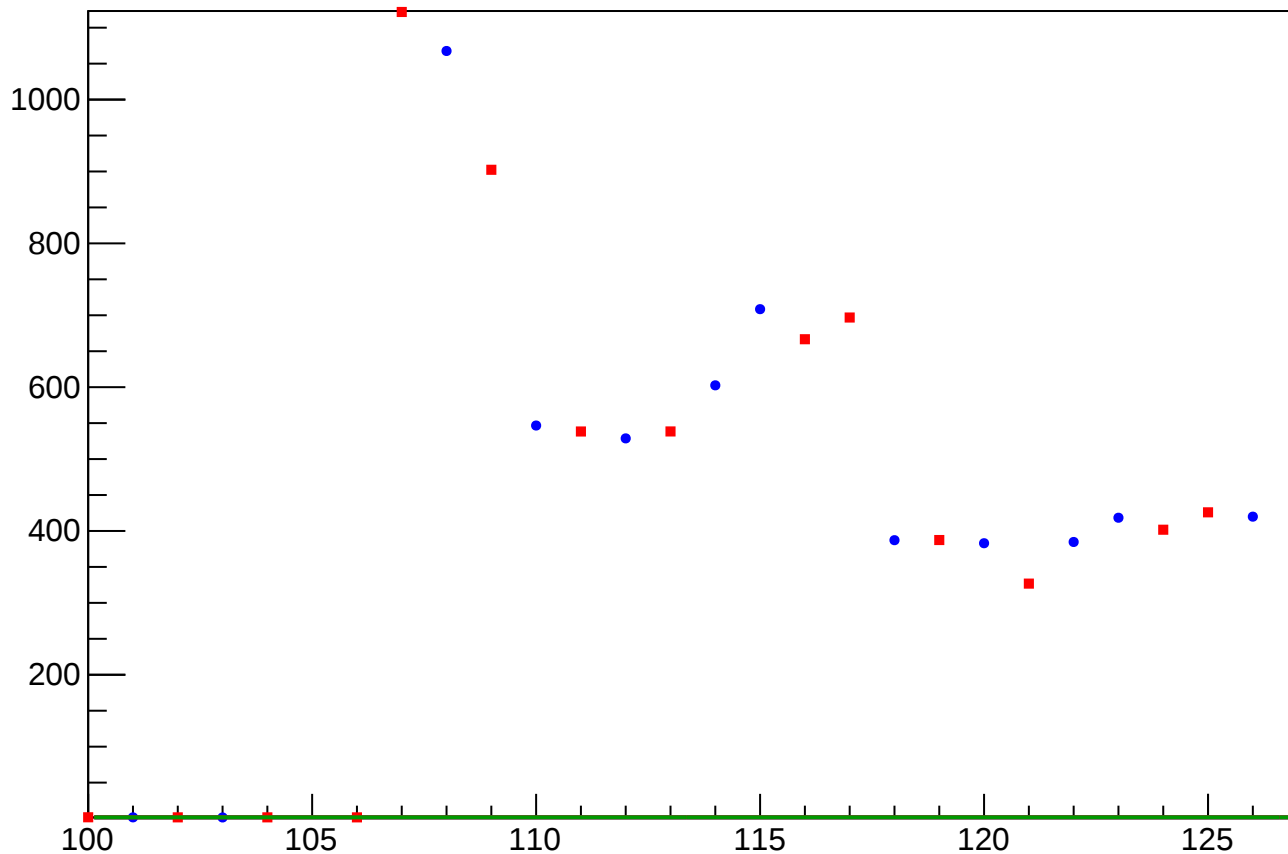
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.002 χ^2/NDF : 10.0/11

-0.000+/-0.001 χ^2/NDF : 21.4/26

-0.001+/-0.002 χ^2/NDF : 11.3/14

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.671+/-0.001 χ^2/NDF : 6066814.3/11

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

Right Out: 1.707+/-0.001 χ^2/NDF : 7080500.3/14

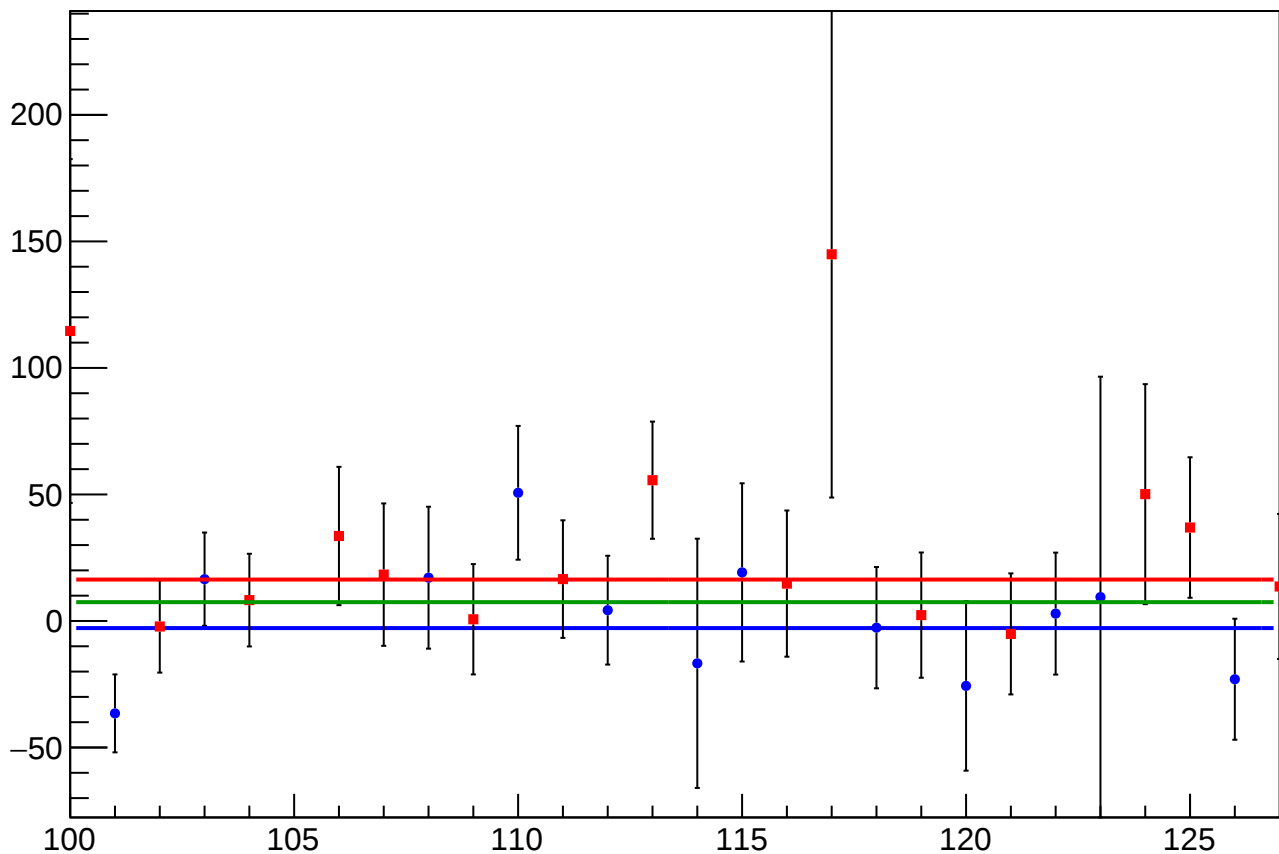
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.671+/-0.001 χ^2/NDF : 6066814.3/11

1.690+/-0.001 χ^2/NDF : 13147652.9/26

1.707+/-0.001 χ^2/NDF : 7080500.3/14

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.808 ± 7.165 χ^2/NDF : 12.3/11

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

Right Out: 16.369 ± 6.687 χ^2/NDF : 11.2/14

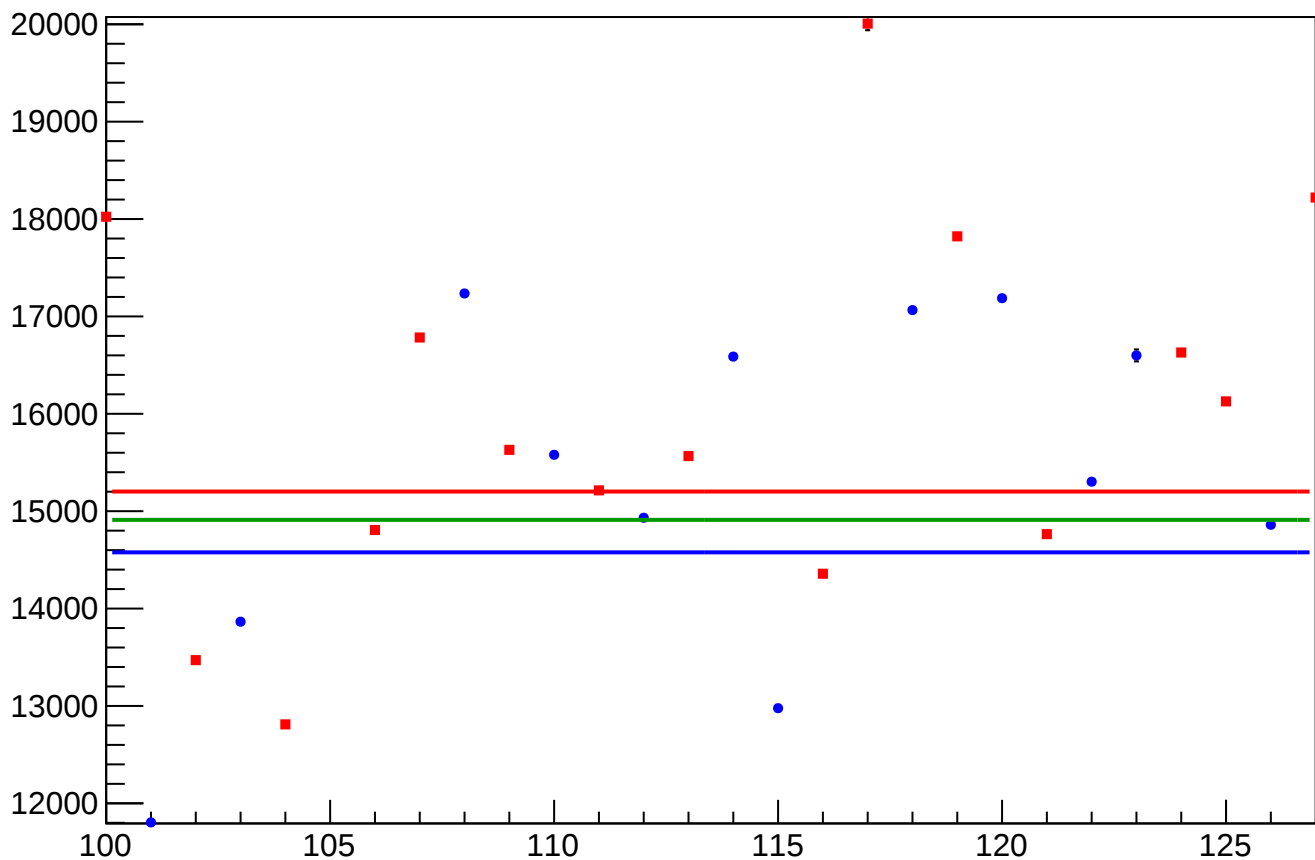
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.808 ± 7.165 χ^2/NDF : 12.3/11

7.442 ± 4.889 χ^2/NDF : 27.3/26

16.369 ± 6.687 χ^2/NDF : 11.2/14

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14577.231+/-5.067 χ^2/NDF : 133526.6/11

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

Right Out: 15201.664+/-4.728 χ^2/NDF : 119985.4/14

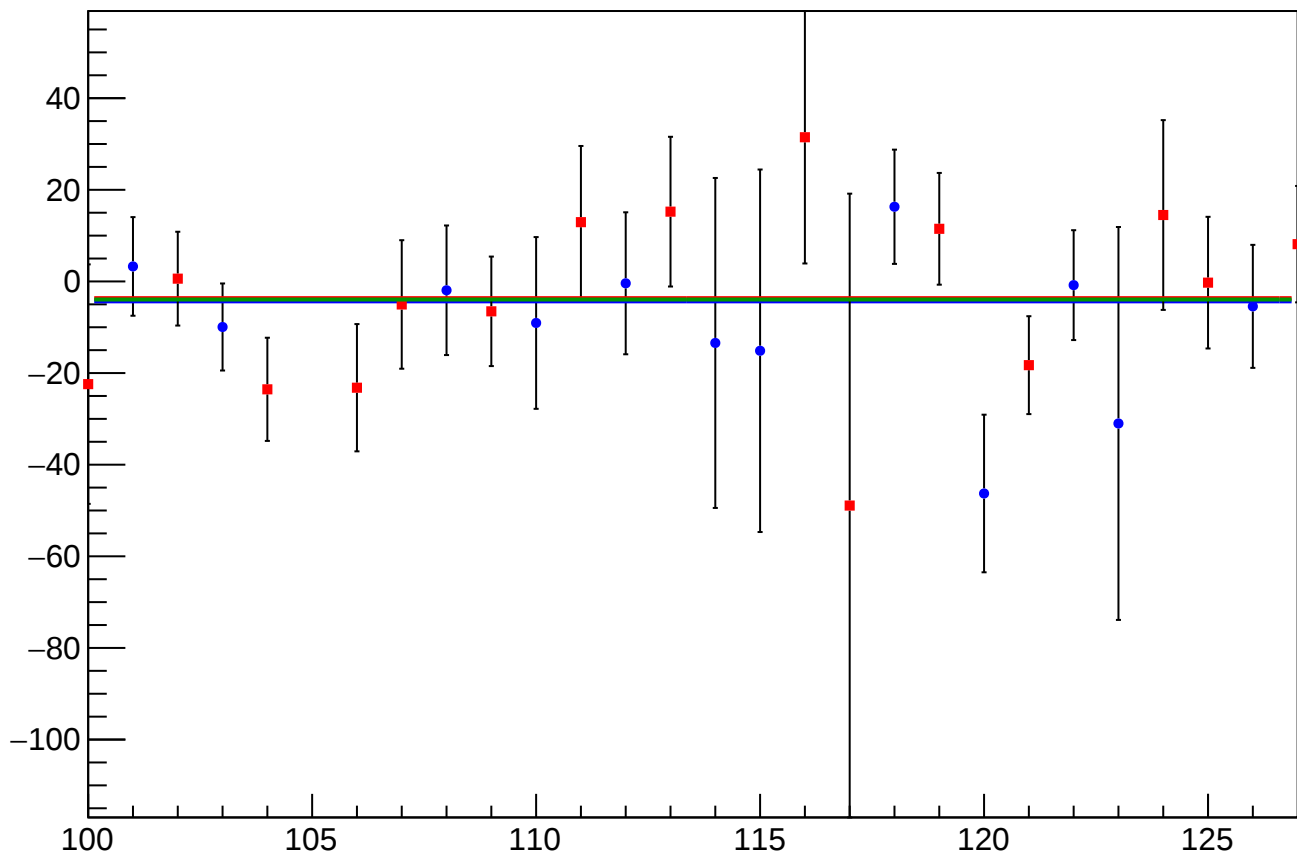
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14577.231+/-5.067 χ^2/NDF : 133526.6/11

14910.986+/-3.457 χ^2/NDF : 261630.4/26

15201.664+/-4.728 χ^2/NDF : 119985.4/14

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.345+/-4.226 χ^2/NDF : 10.3/11

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

Right Out: -3.645+/-3.679 χ^2/NDF : 15.4/14

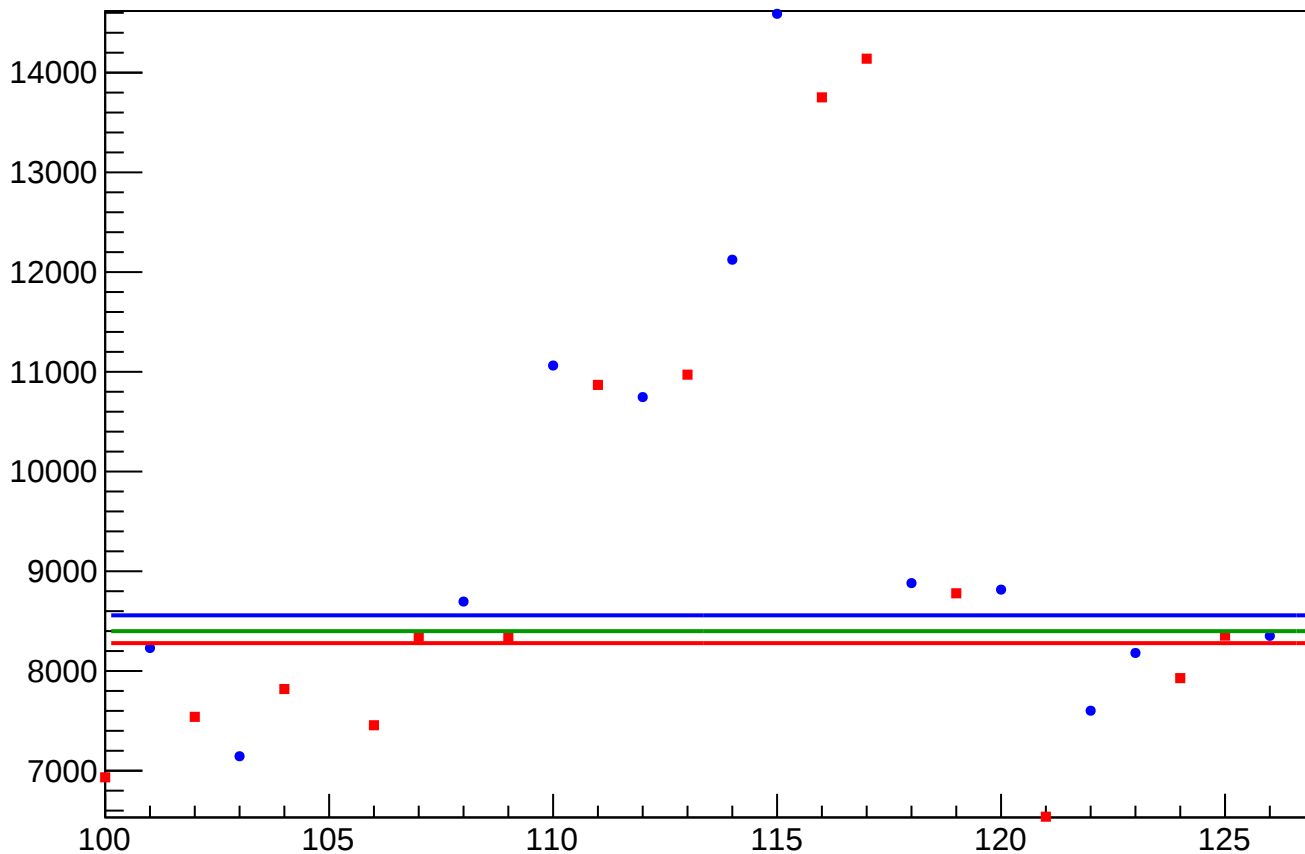
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.345+/-4.226 χ^2/NDF : 10.3/11

-3.947+/-2.775 χ^2/NDF : 25.7/26

-3.645+/-3.679 χ^2/NDF : 15.4/14

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8558.235+/-2.988 χ^2/NDF : 203124.7/11

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

Right Out: 8279.384+/-2.601 χ^2/NDF : 279856.9/14

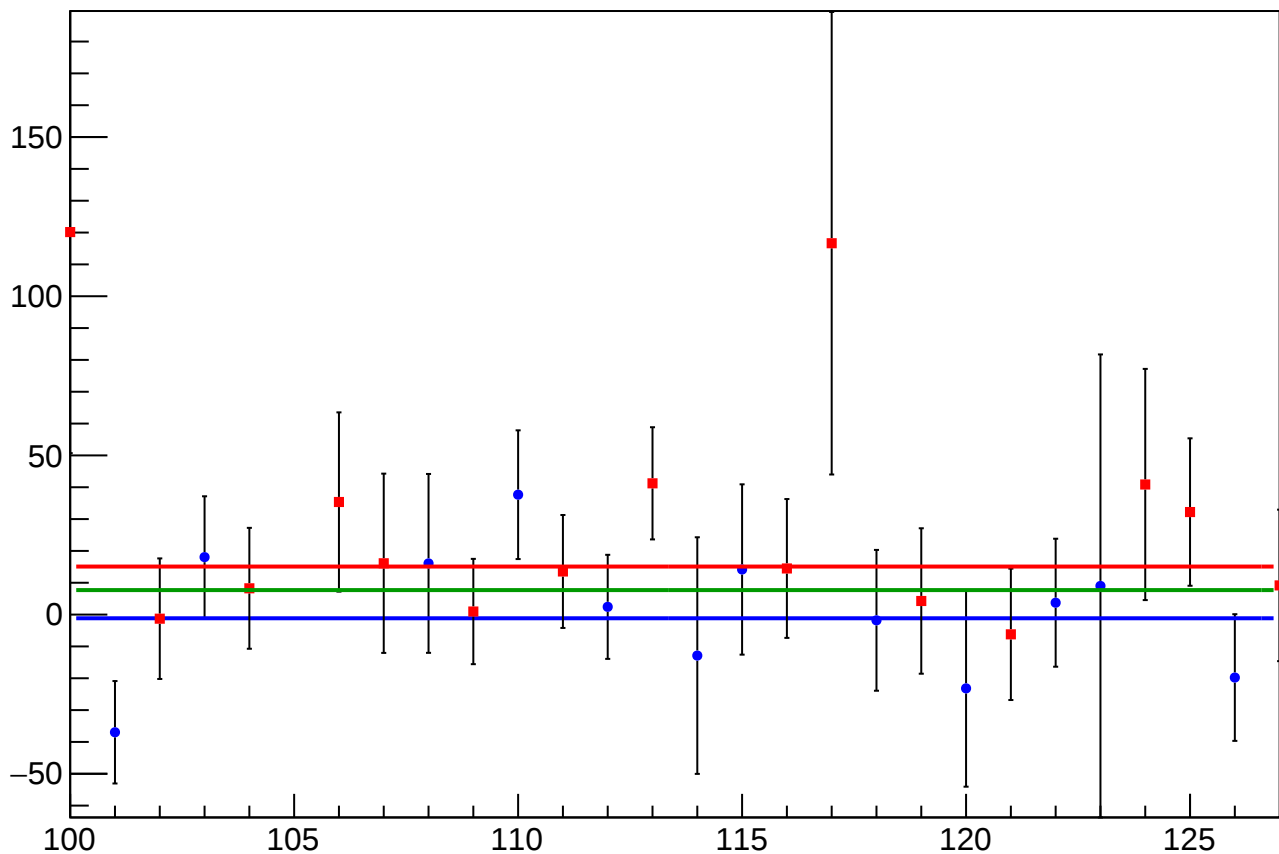
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8558.235+/-2.988 χ^2/NDF : 203124.7/11

8399.582+/-1.962 χ^2/NDF : 487935.5/26

8279.384+/-2.601 χ^2/NDF : 279856.9/14

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -1.157 ± 6.393 $\chi^2/\text{NDF}: 12.0/11$

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

Right Out: 15.087 ± 5.843 $\chi^2/\text{NDF}: 11.0/14$

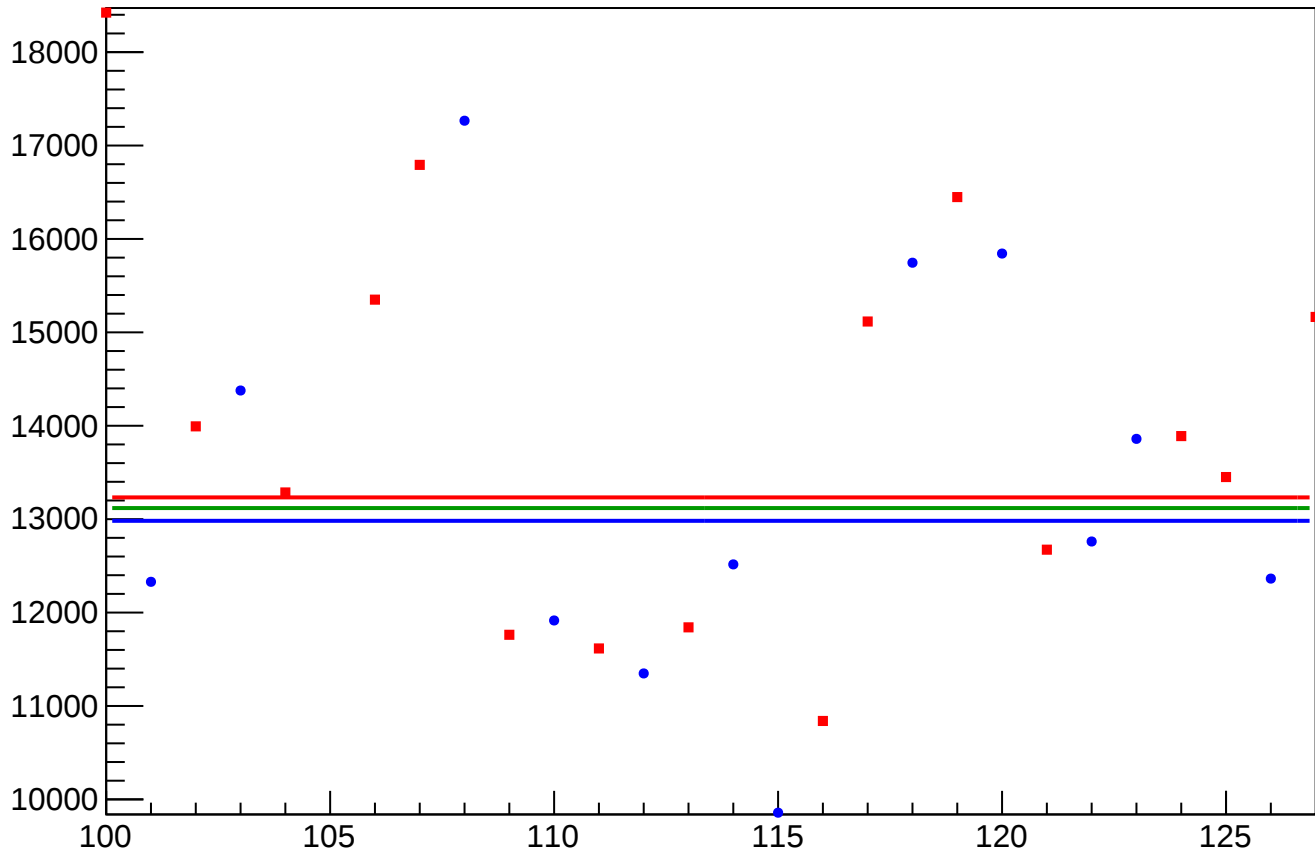
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.157 ± 6.393 $\chi^2/\text{NDF}: 12.0/11$

7.695 ± 4.313 $\chi^2/\text{NDF}: 26.5/26$

15.087 ± 5.843 $\chi^2/\text{NDF}: 11.0/14$

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12982.224 $\pm$ 4.521 χ^2 /NDF: 164465.1/11

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

Right Out: 13232.944 $\pm$ 4.131 χ^2 /NDF: 183151.0/14

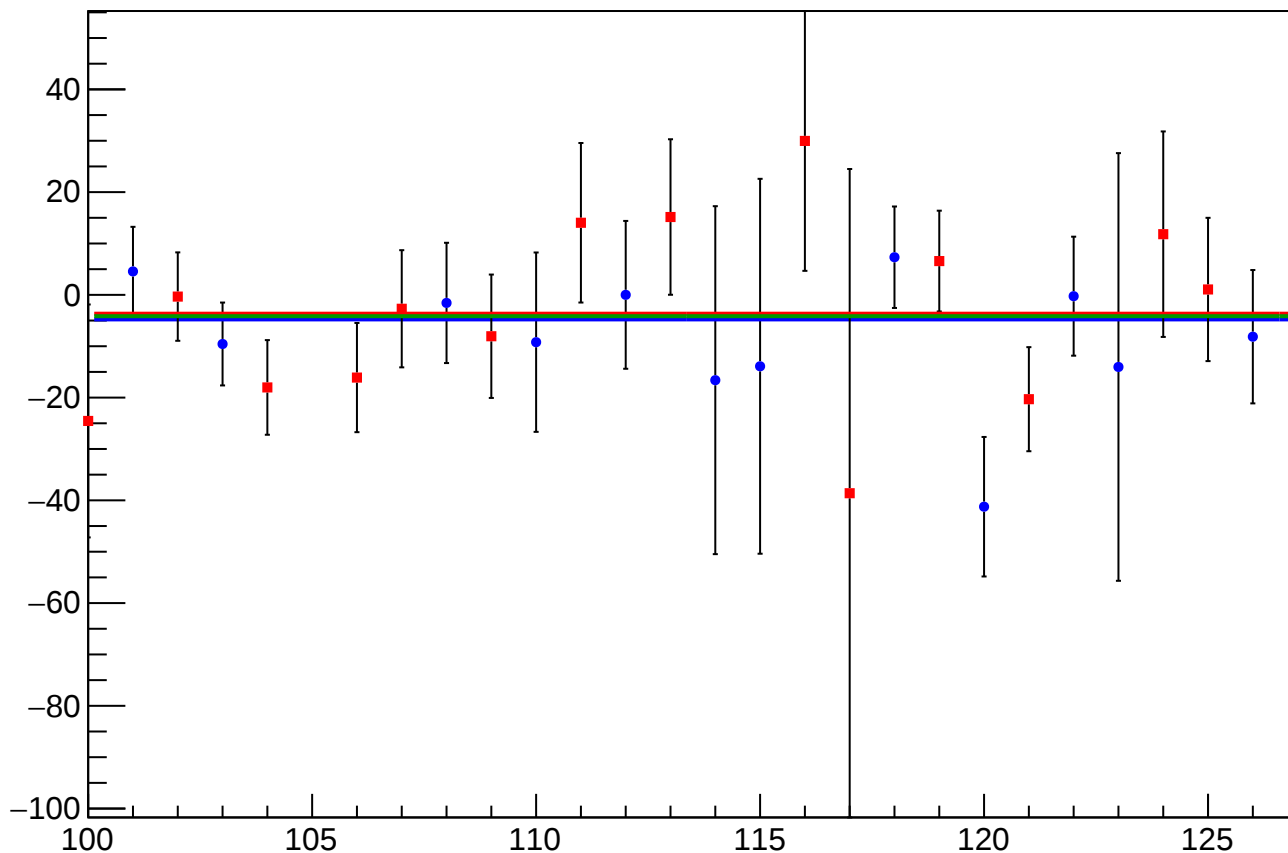
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12982.224 $\pm$ 4.521 χ^2 /NDF: 164465.1/11

13118.847 $\pm$ 3.050 χ^2 /NDF: 349292.1/26

13232.944 $\pm$ 4.131 χ^2 /NDF: 183151.0/14

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.778+/-3.644 χ^2 /NDF: 10.9/11

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

Right Out: -3.666+/-3.236 χ^2 /NDF: 15.6/14

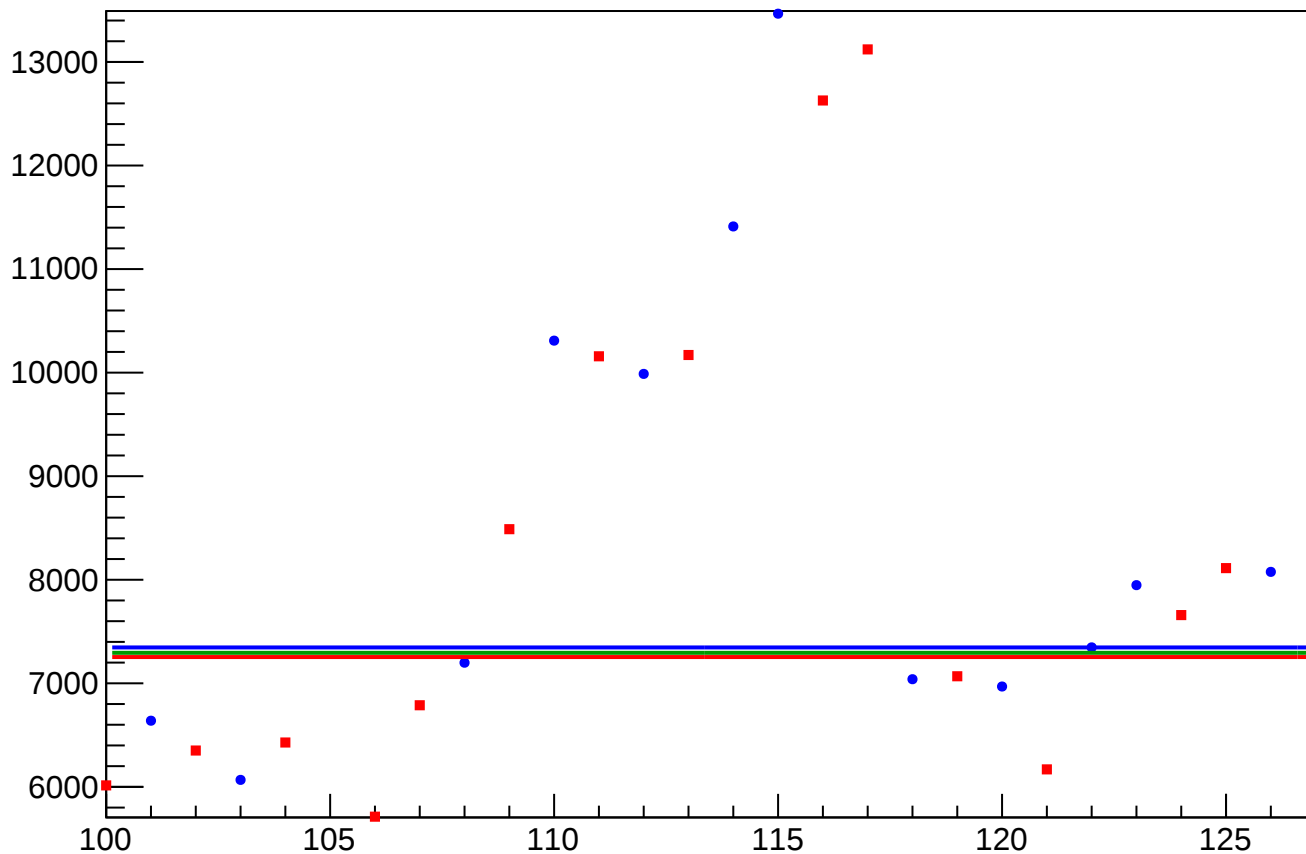
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.778+/-3.644 χ^2 /NDF: 10.9/11

-4.156+/-2.420 χ^2 /NDF: 26.6/26

-3.666+/-3.236 χ^2 /NDF: 15.6/14

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7346.352+/-2.577 χ^2/NDF : 284137.0/11

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

Right Out: 7253.635+/-2.288 χ^2/NDF : 403132.5/14

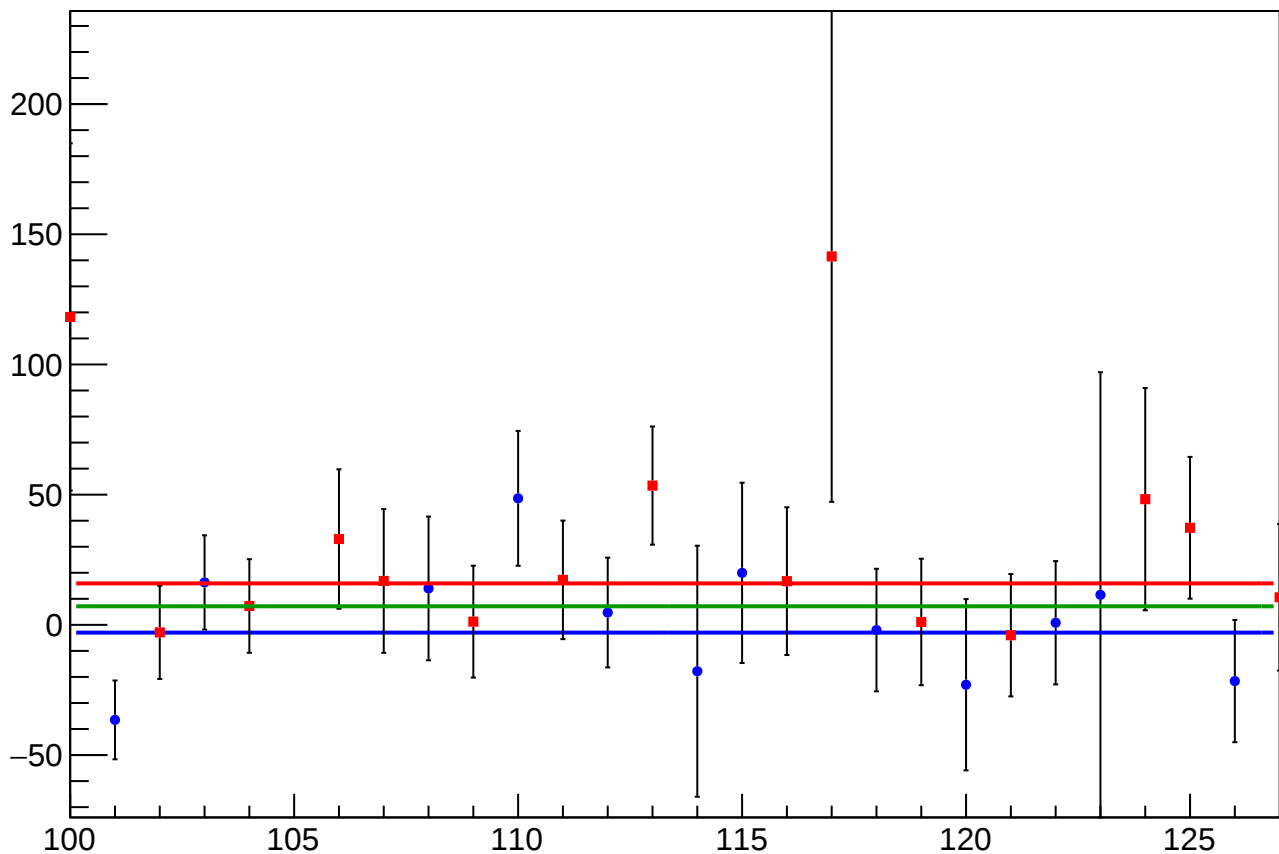
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7346.352+/-2.577 χ^2/NDF : 284137.0/11

7294.509+/-1.711 χ^2/NDF : 687993.5/26

7253.635+/-2.288 χ^2/NDF : 403132.5/14

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.976 ± 7.035 χ^2/NDF : 12.1/11

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

Right Out: 15.928 ± 6.564 χ^2/NDF : 11.4/14

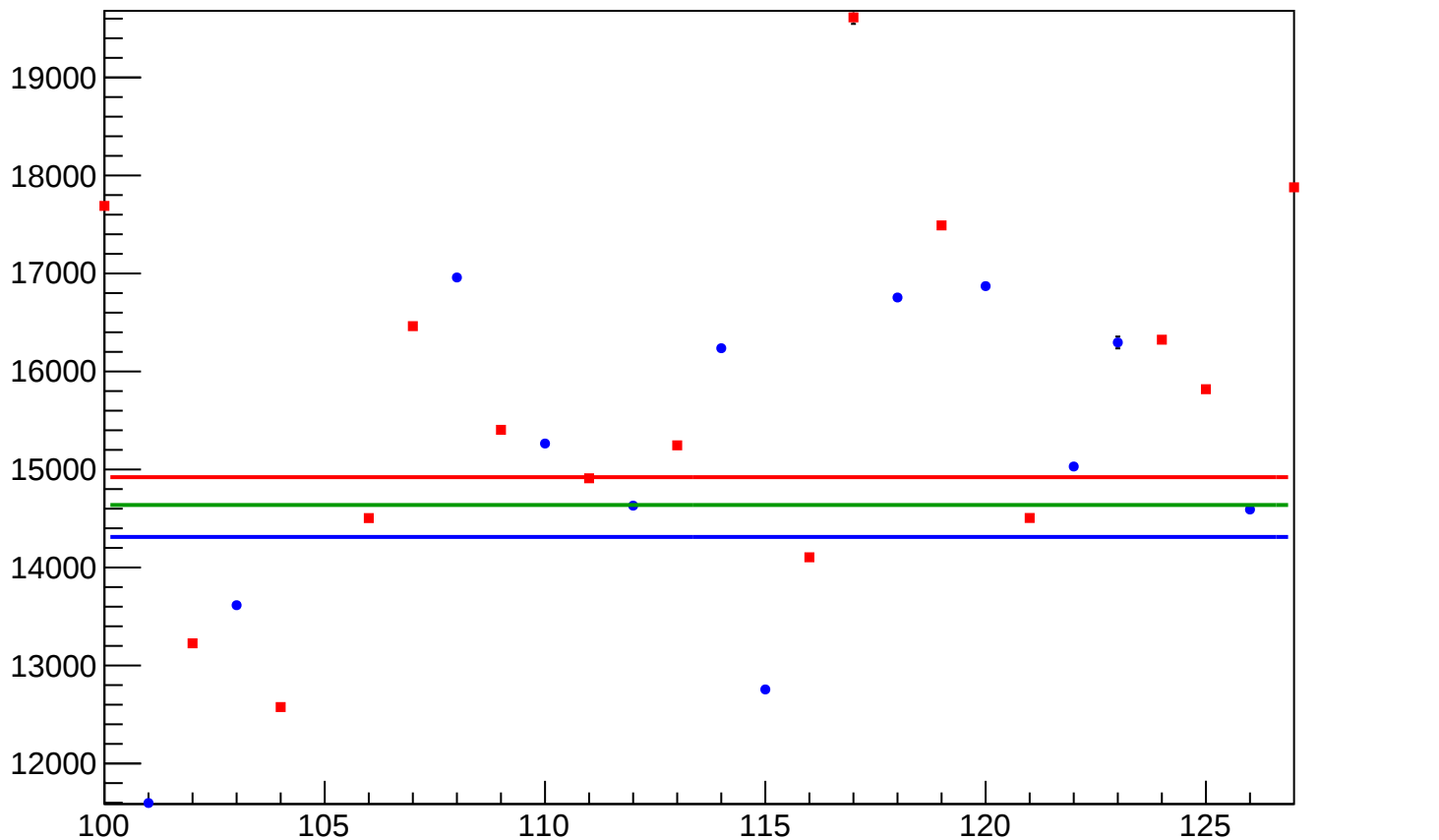
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.976 ± 7.035 χ^2/NDF : 12.1/11

7.130 ± 4.799 χ^2/NDF : 27.4/26

15.928 ± 6.564 χ^2/NDF : 11.4/14

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14311.765 $\pm$ 4.974 χ^2 /NDF: 133021.9/11

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

Right Out: 14921.628 $\pm$ 4.641 χ^2 /NDF: 119667.4/14

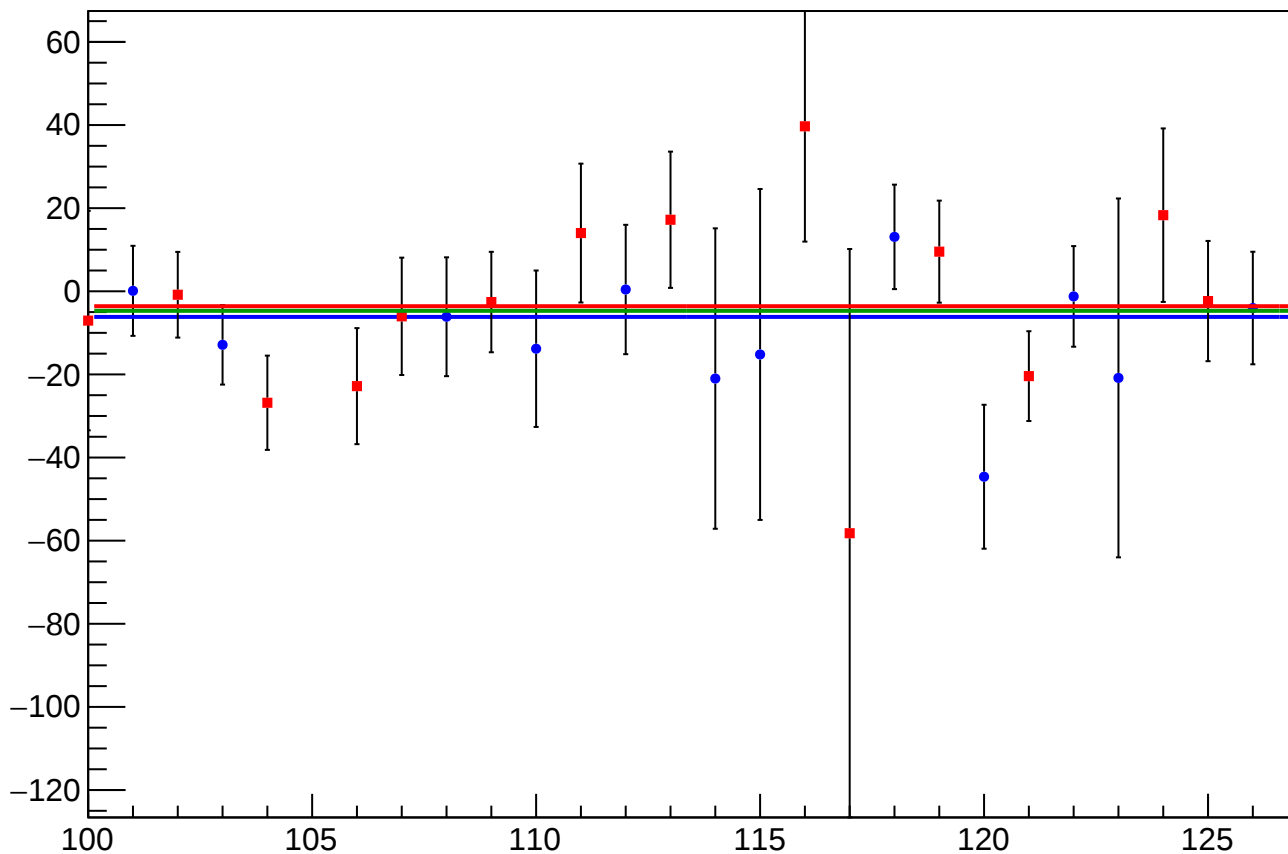
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14311.765 $\pm$ 4.974 χ^2 /NDF: 133021.9/11

14637.790 $\pm$ 3.393 χ^2 /NDF: 260725.3/26

14921.628 $\pm$ 4.641 χ^2 /NDF: 119667.4/14

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.162 $\pm$ 4.258 χ^2 /NDF: 9.0/11

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

Right Out: -3.591 $\pm$ 3.706 χ^2 /NDF: 17.7/14

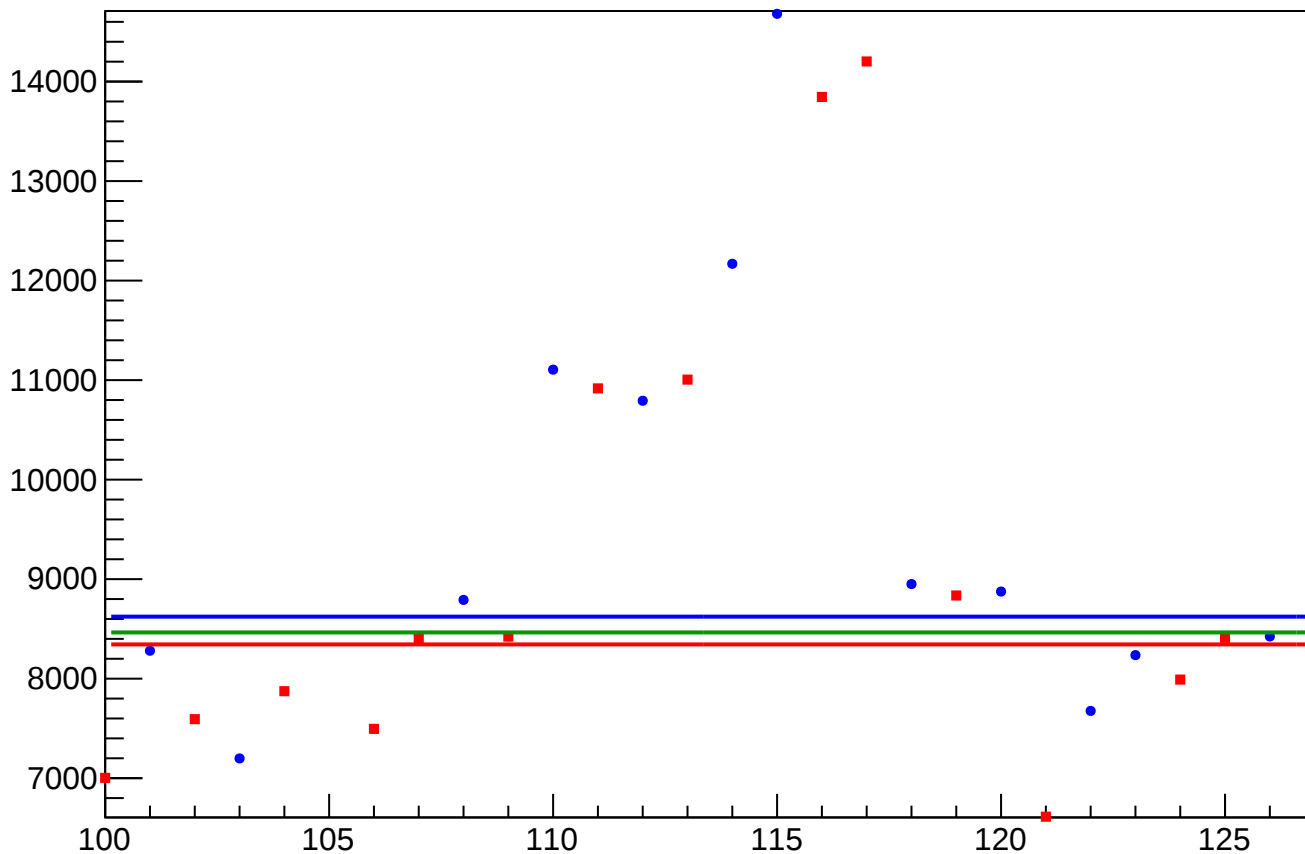
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-6.162 $\pm$ 4.258 χ^2 /NDF: 9.0/11

-4.699 $\pm$ 2.796 χ^2 /NDF: 26.9/26

-3.591 $\pm$ 3.706 χ^2 /NDF: 17.7/14

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8623.446+/-3.011 χ^2/NDF : 200426.2/11

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

Right Out: 8344.188+/-2.621 χ^2/NDF : 275528.5/14

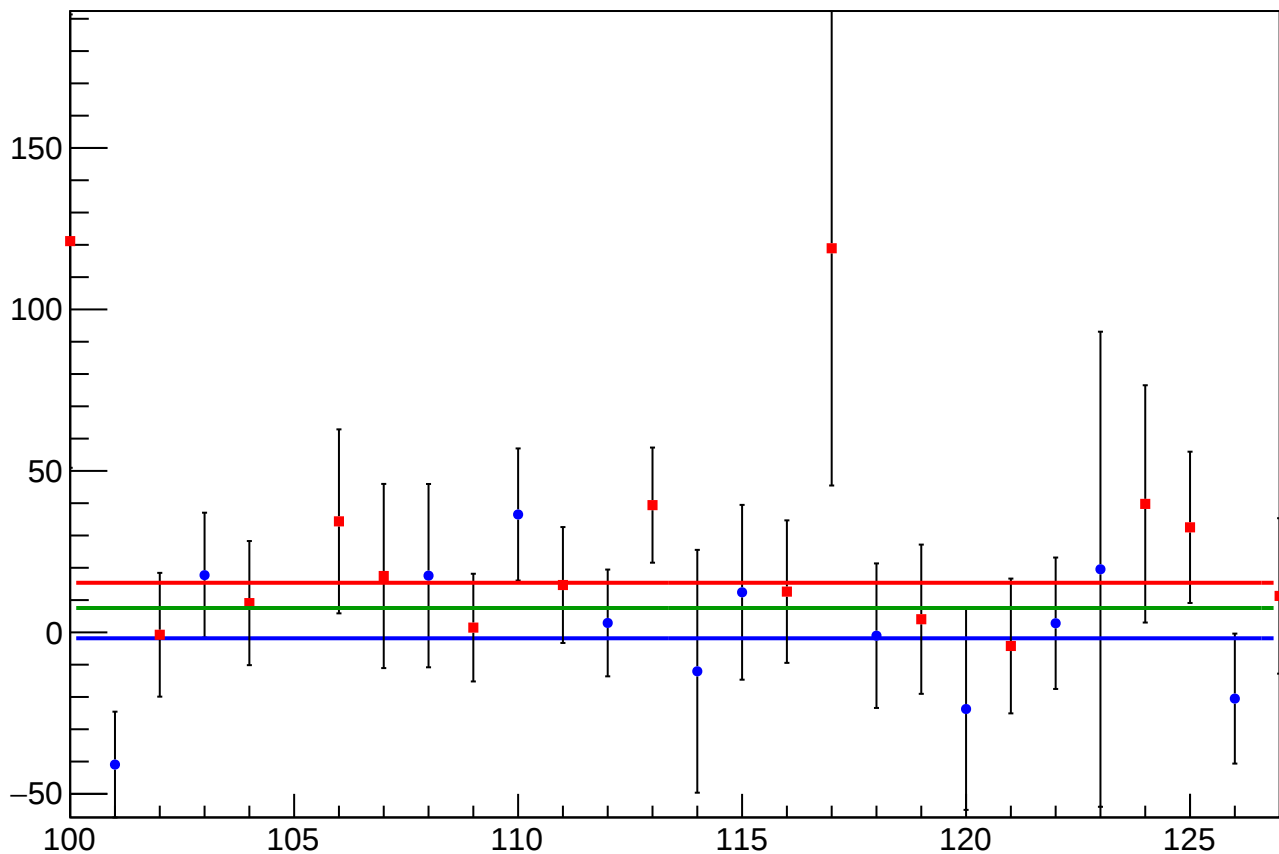
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8623.446+/-3.011 χ^2/NDF : 200426.2/11

8464.579+/-1.977 χ^2/NDF : 480849.4/26

8344.188+/-2.621 χ^2/NDF : 275528.5/14

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -1.829+/-6.474 χ^2/NDF : 12.6/11

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

Right Out: 15.361+/-5.909 χ^2/NDF : 10.2/14

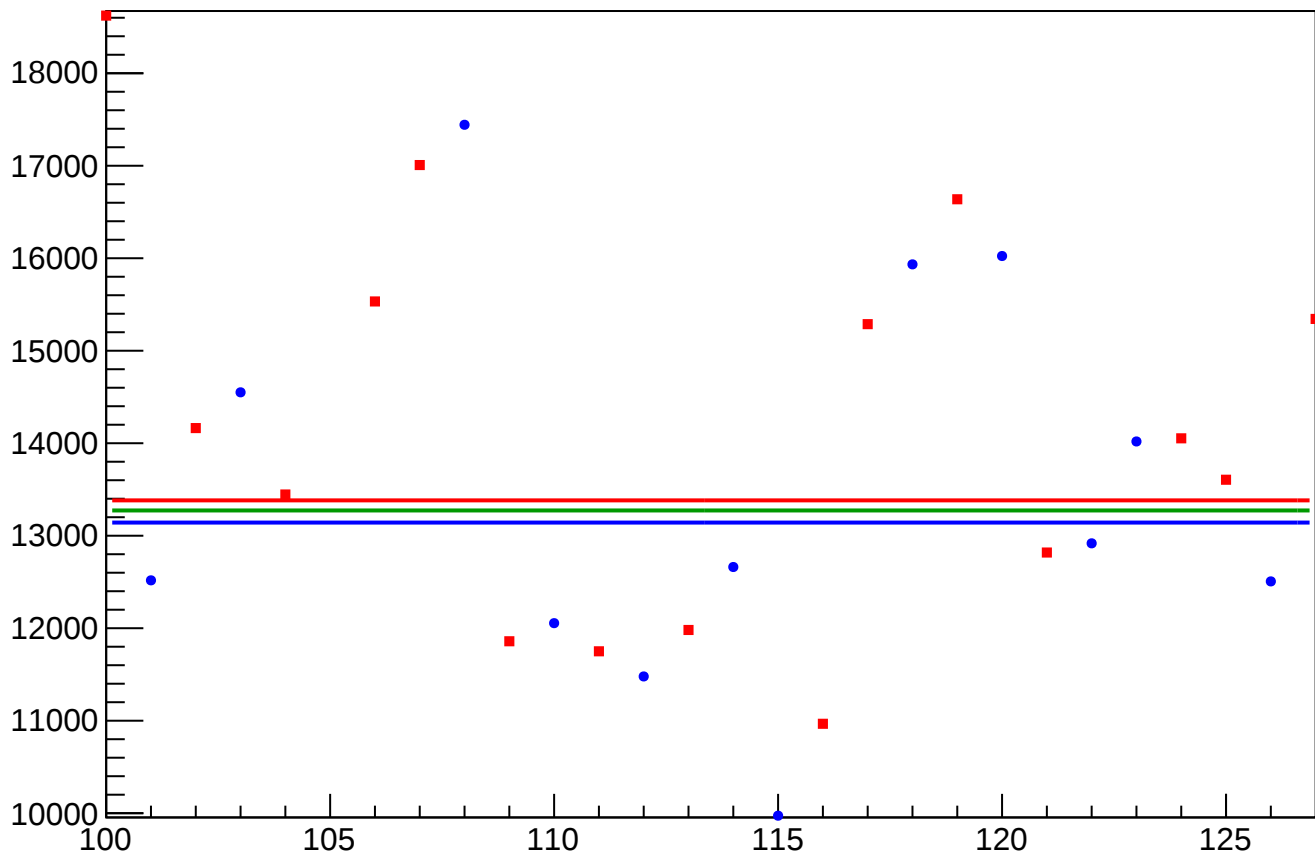
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.829+/-6.474 χ^2/NDF : 12.6/11

7.550+/-4.364 χ^2/NDF : 26.7/26

15.361+/-5.909 χ^2/NDF : 10.2/14

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13142.198+/-4.578 χ^2/NDF : 163753.9/11

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

Right Out: 13382.222+/-4.178 χ^2/NDF : 184412.5/14

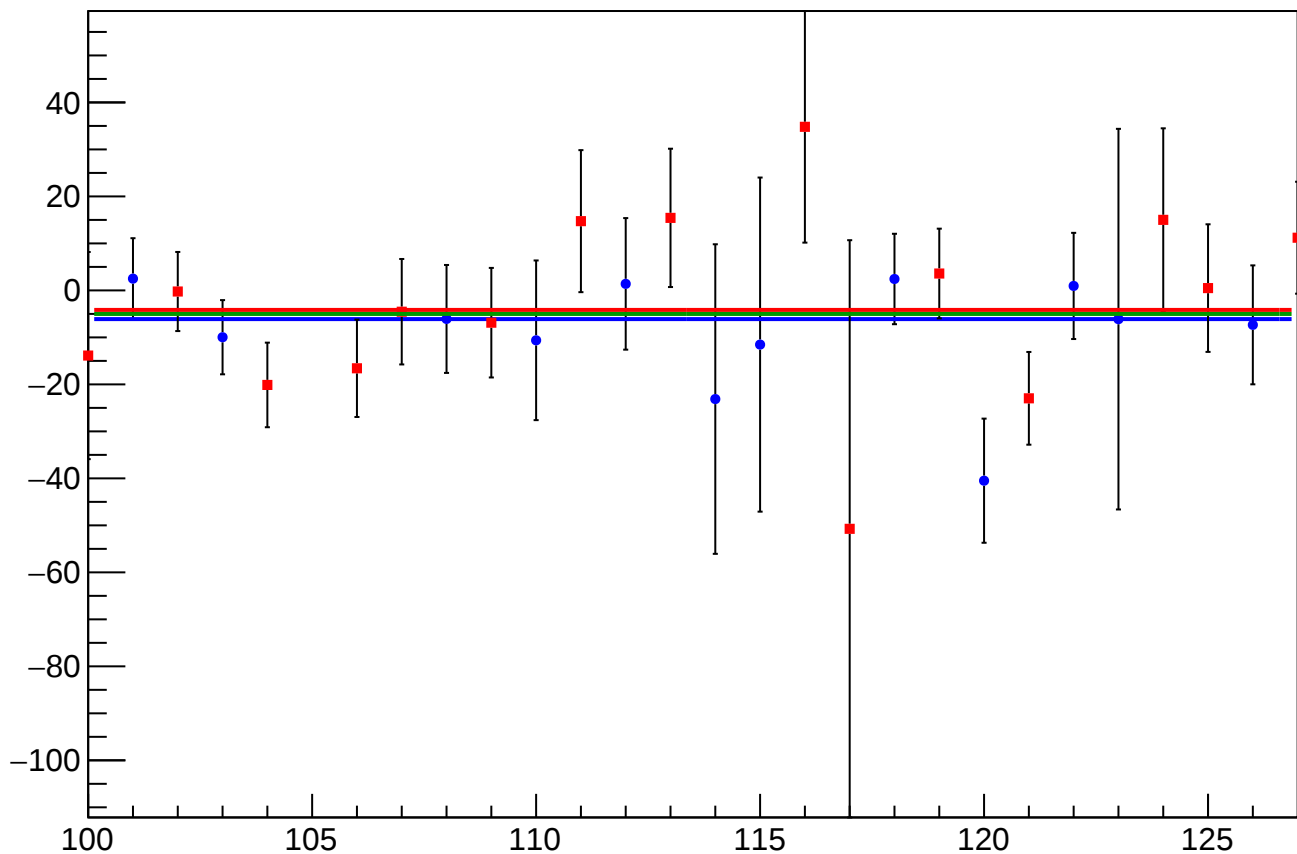
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13142.198+/-4.578 χ^2/NDF : 163753.9/11

13273.149+/-3.086 χ^2/NDF : 349666.1/26

13382.222+/-4.178 χ^2/NDF : 184412.5/14

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.107+/-3.566 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.151+/-3.156 χ^2/NDF : 18.5/14

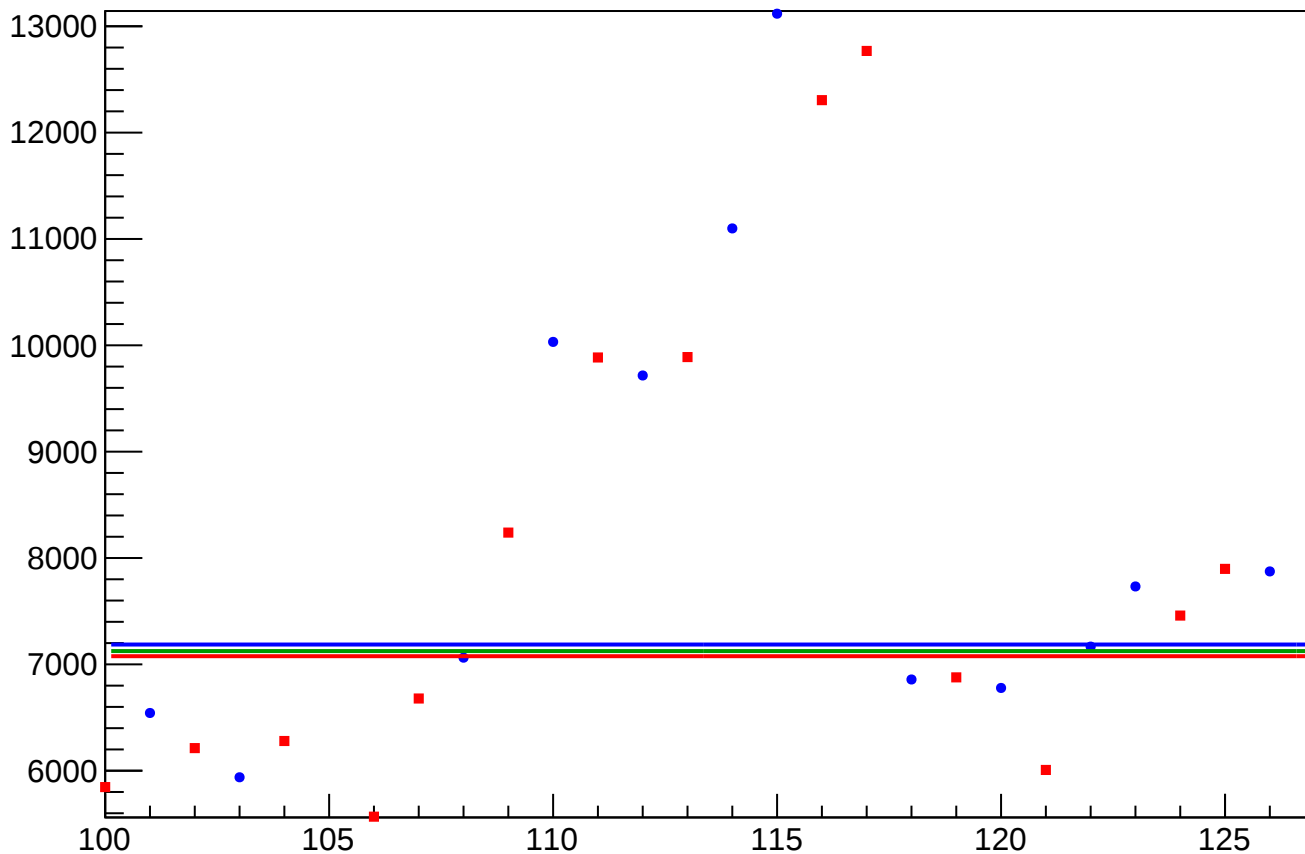
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.107+/-3.566 χ^2/NDF : 9.9/11

-5.010+/-2.364 χ^2/NDF : 28.5/26

-4.151+/-3.156 χ^2/NDF : 18.5/14

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7186.507 $\pm$ 2.522 χ^2/NDF : 277255.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 7076.767 $\pm$ 2.232 χ^2/NDF : 398303.8/14

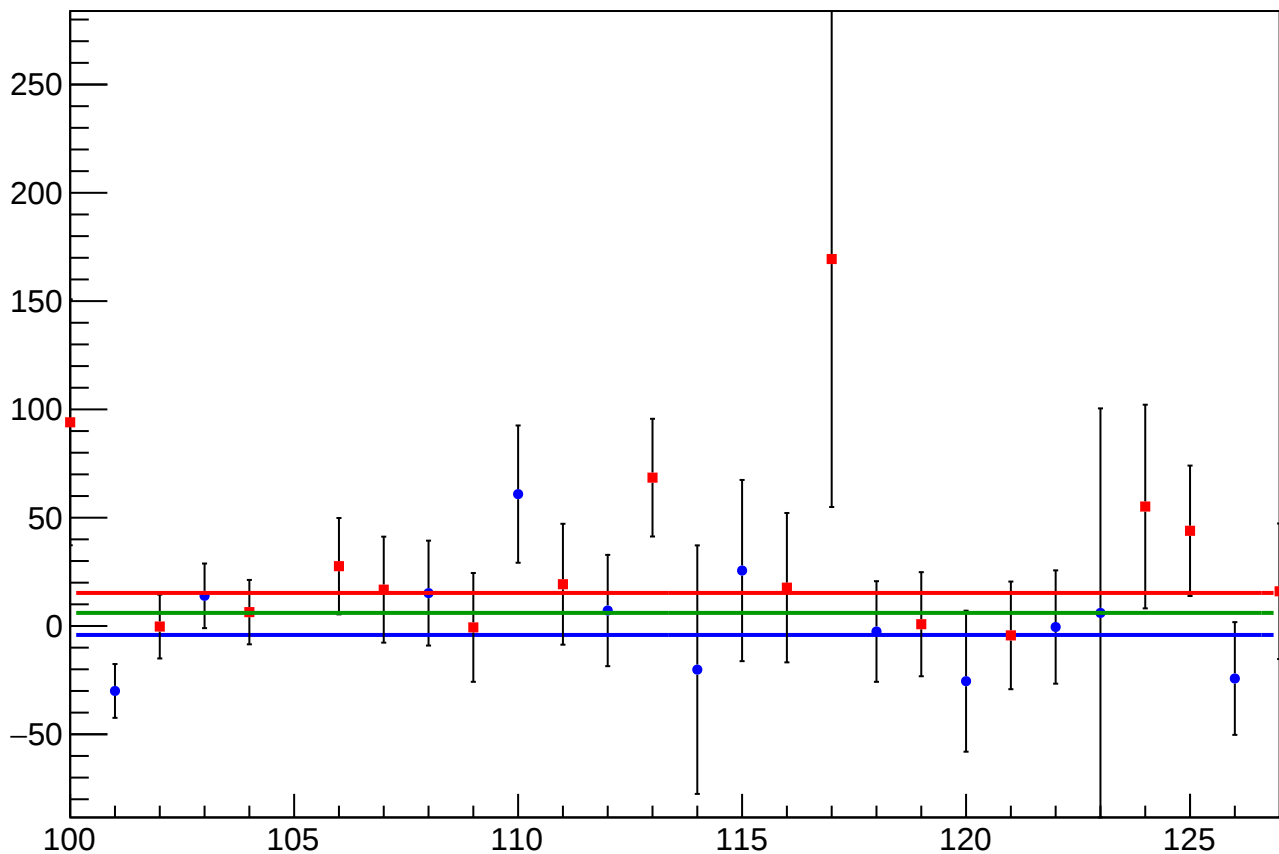
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7186.507 $\pm$ 2.522 χ^2/NDF : 277255.2/11

7124.965 $\pm$ 1.671 χ^2/NDF : 676620.9/26

7076.767 $\pm$ 2.232 χ^2/NDF : 398303.8/14

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -4.135+/-6.756 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.267+/-6.429 χ^2/NDF : 12.4/14

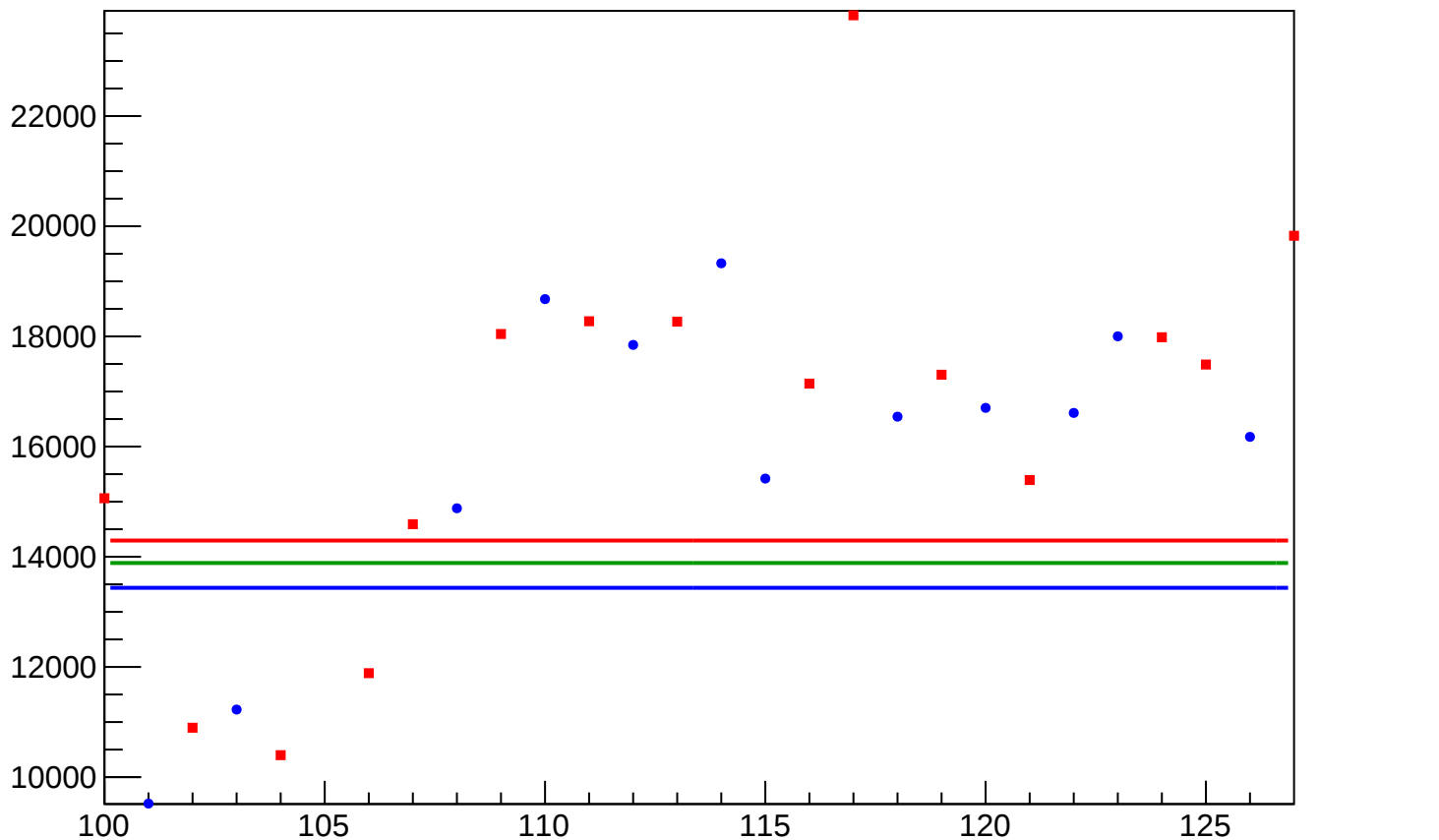
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.135+/-6.756 χ^2/NDF : 12.5/11

6.047+/-4.657 χ^2/NDF : 29.2/26

15.267+/-6.429 χ^2/NDF : 12.4/14

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13436.736+/-4.777 χ^2/NDF : 501150.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14294.875+/-4.546 χ^2/NDF : 555845.5/14

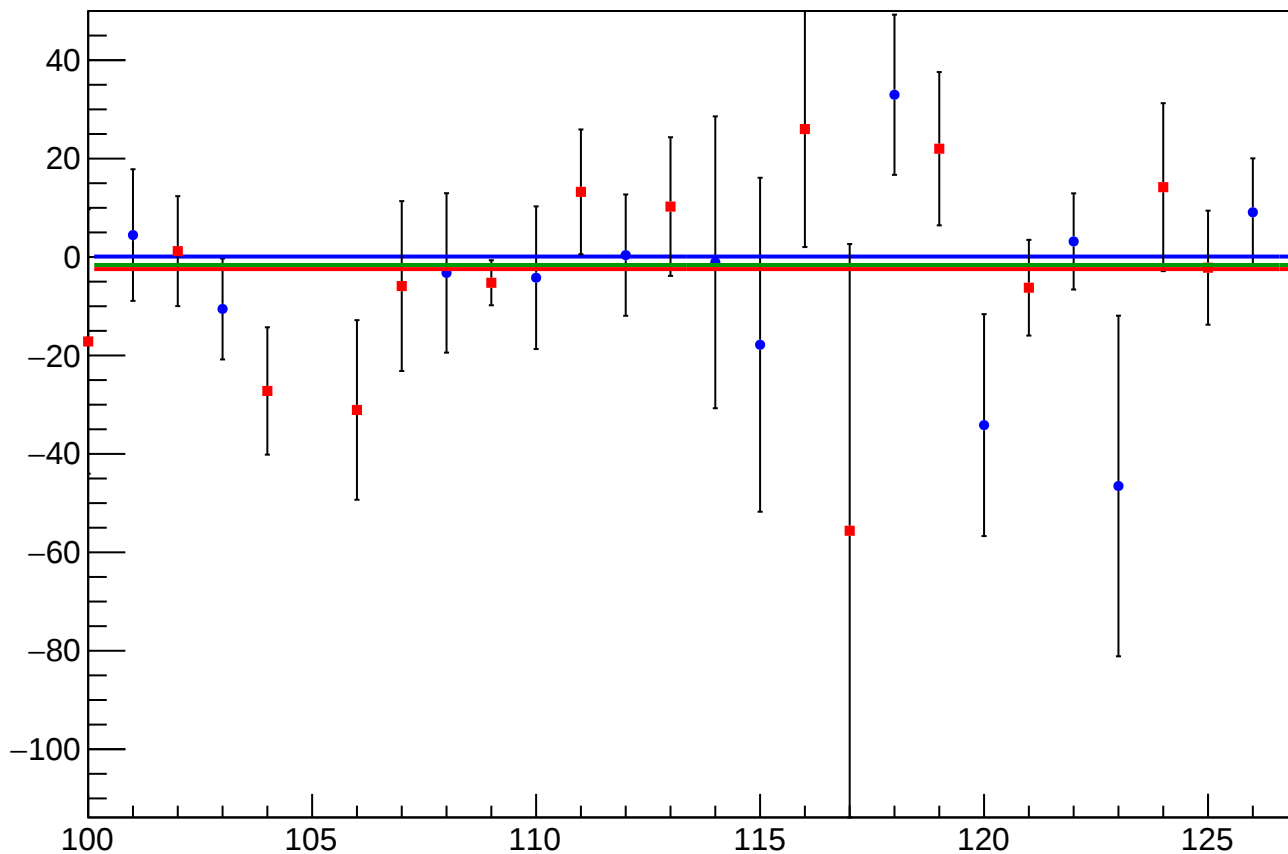
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13436.736+/-4.777 χ^2/NDF : 501150.0/11

13887.078+/-3.293 χ^2/NDF : 1073929.4/2

14294.875+/-4.546 χ^2/NDF : 555845.5/14

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.101+/-4.165 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.451+/-2.915 χ^2/NDF : 15.4/14

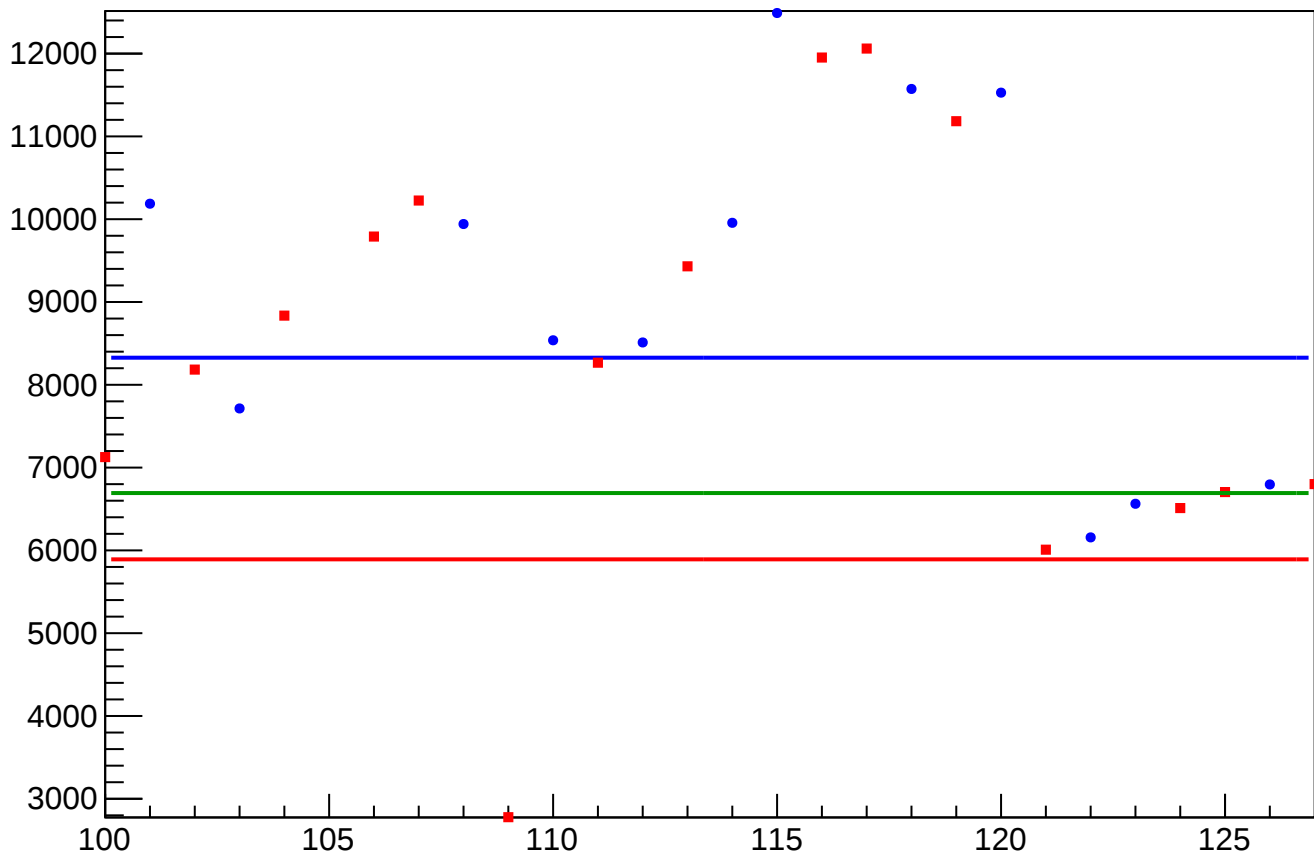
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.101+/-4.165 χ^2/NDF : 10.6/11

-1.612+/-2.388 χ^2/NDF : 26.2/26

-2.451+/-2.915 χ^2/NDF : 15.4/14

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8327.249+/-2.945 χ^2/NDF : 365527.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5891.739+/-2.061 χ^2/NDF : 1940661.2/14

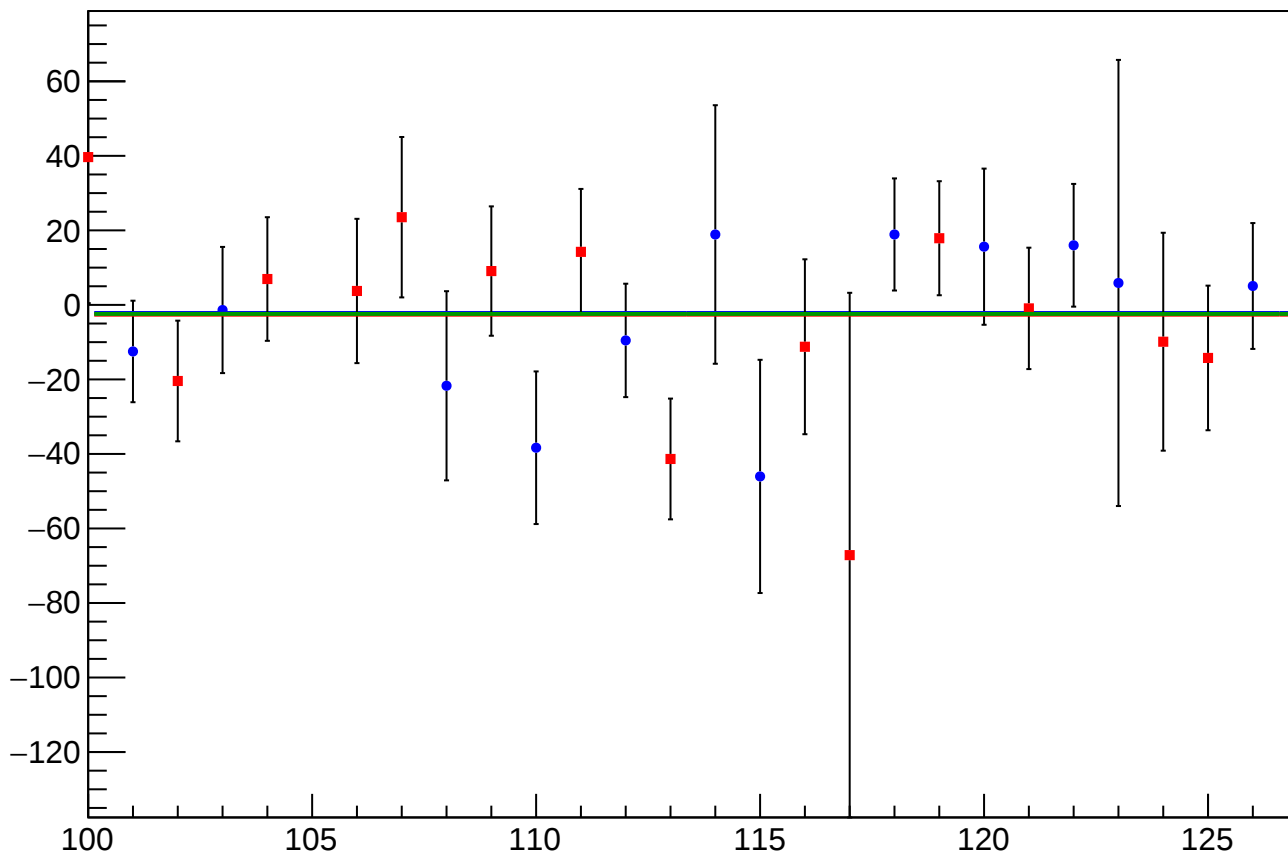
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8327.249+/-2.945 χ^2/NDF : 365527.5/11

6692.510+/-1.689 χ^2/NDF : 2765190.8/26

5891.739+/-2.061 χ^2/NDF : 1940661.2/14

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.177+/-5.492 χ^2 /NDF: 11.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.622+/-4.993 χ^2 /NDF: 15.4/14

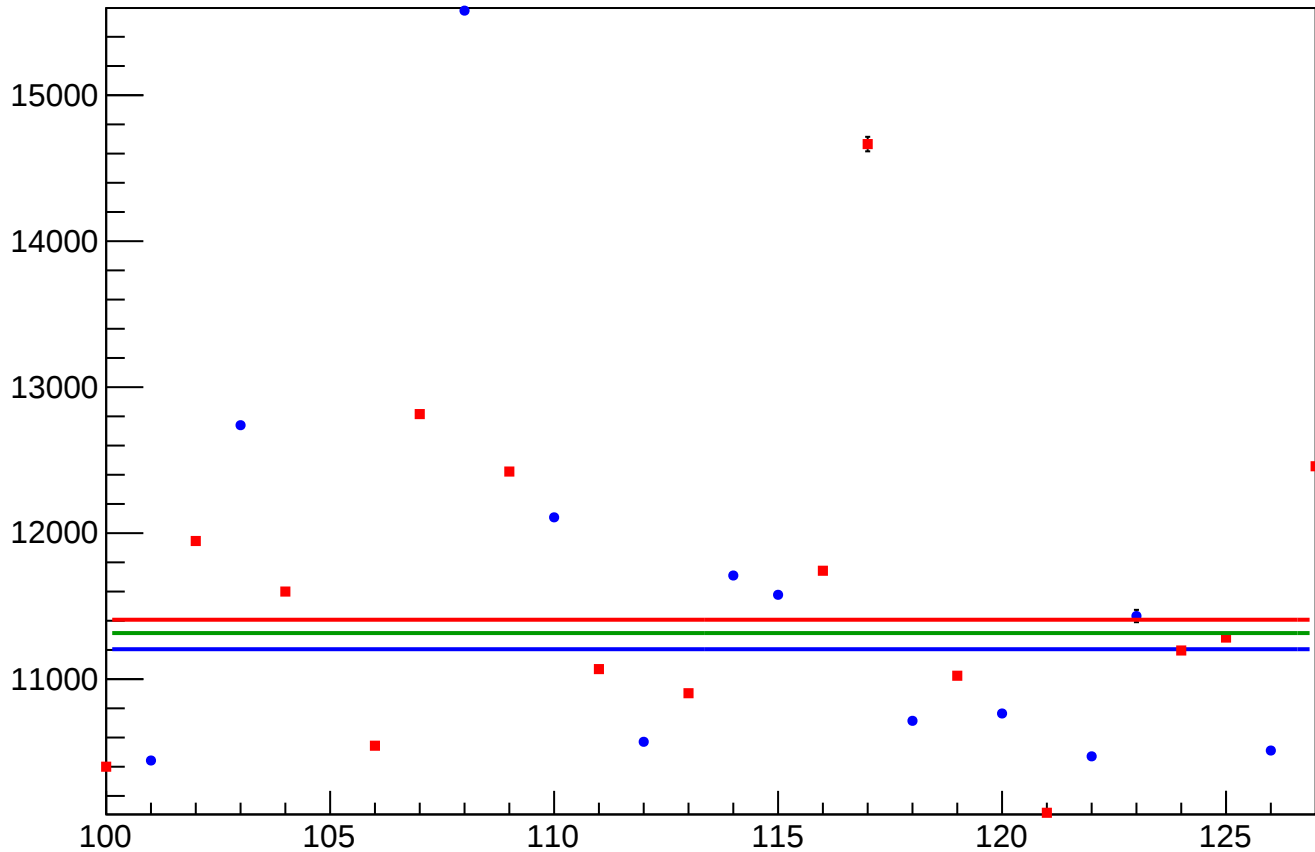
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.177+/-5.492 χ^2 /NDF: 11.0/11

-2.421+/-3.694 χ^2 /NDF: 26.3/26

-2.622+/-4.993 χ^2 /NDF: 15.4/14

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11205.019+/-3.884 χ^2/NDF : 100536.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11406.944+/-3.530 χ^2/NDF : 51151.7/14

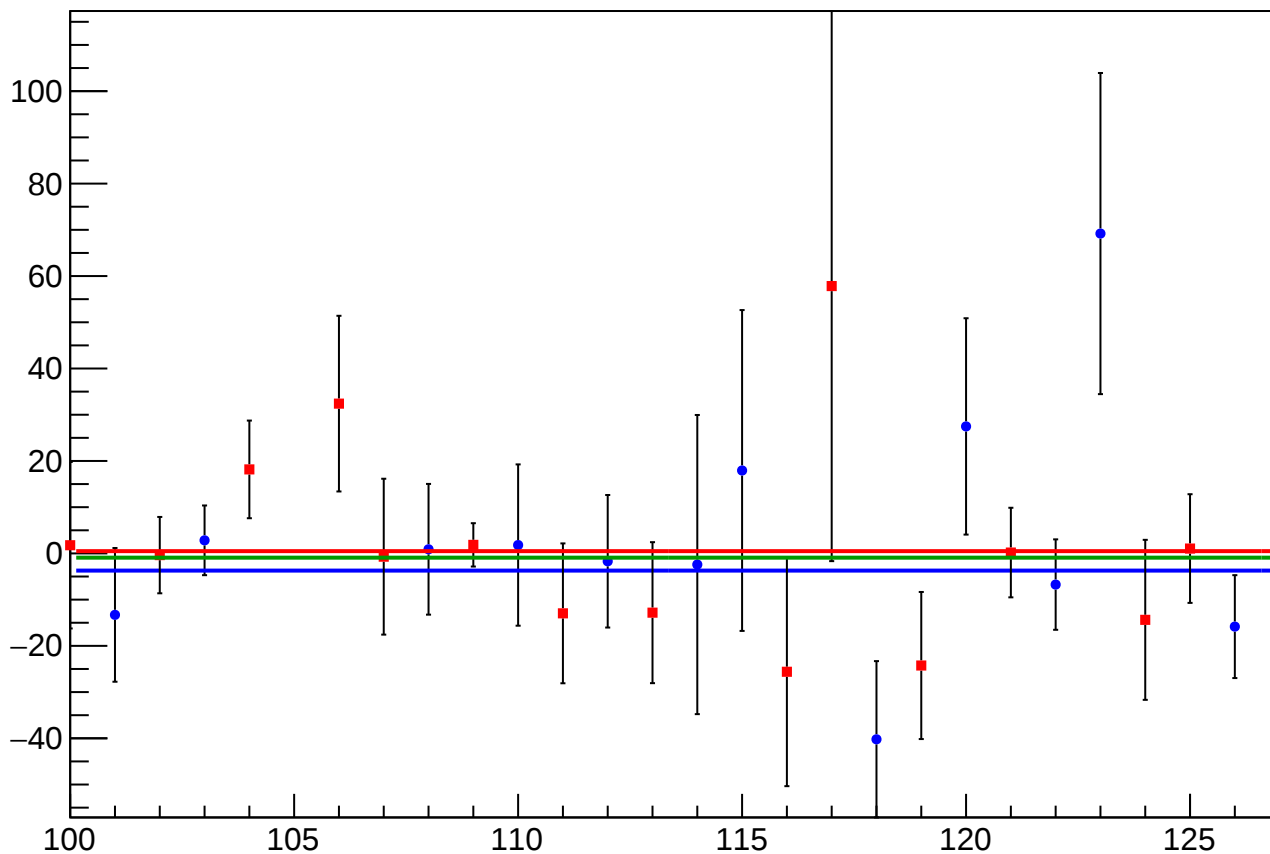
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11205.019+/-3.884 χ^2/NDF : 100536.0/11

11315.581+/-2.612 χ^2/NDF : 153167.9/26

11406.944+/-3.530 χ^2/NDF : 51151.7/14

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.717+/-4.017 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.490+/-2.849 χ^2/NDF : 12.5/14

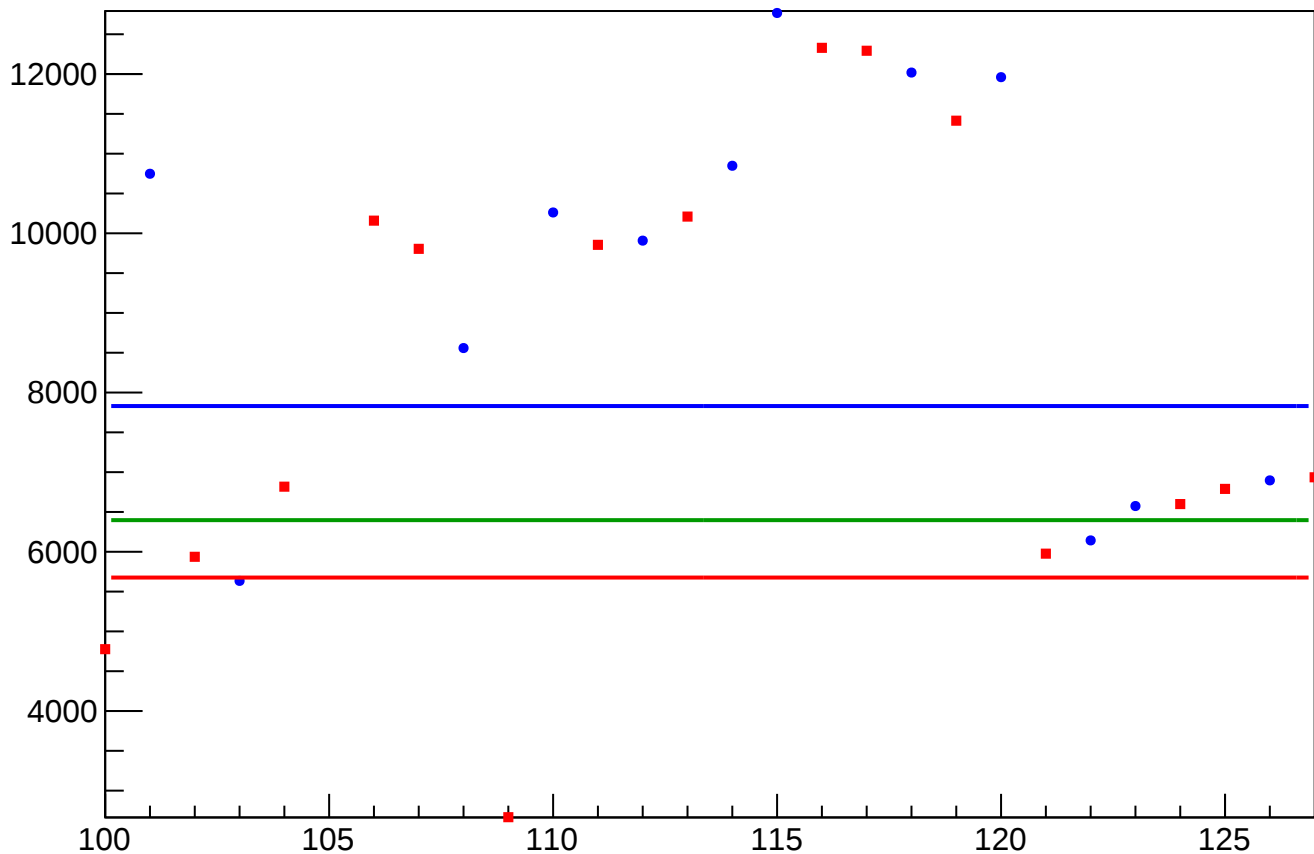
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.717+/-4.017 χ^2/NDF : 13.9/11

-0.918+/-2.324 χ^2/NDF : 27.1/26

0.490+/-2.849 χ^2/NDF : 12.5/14

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7830.408+/-2.840 χ^2/NDF : 656278.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5676.278+/-2.015 χ^2/NDF : 1898726.3/14

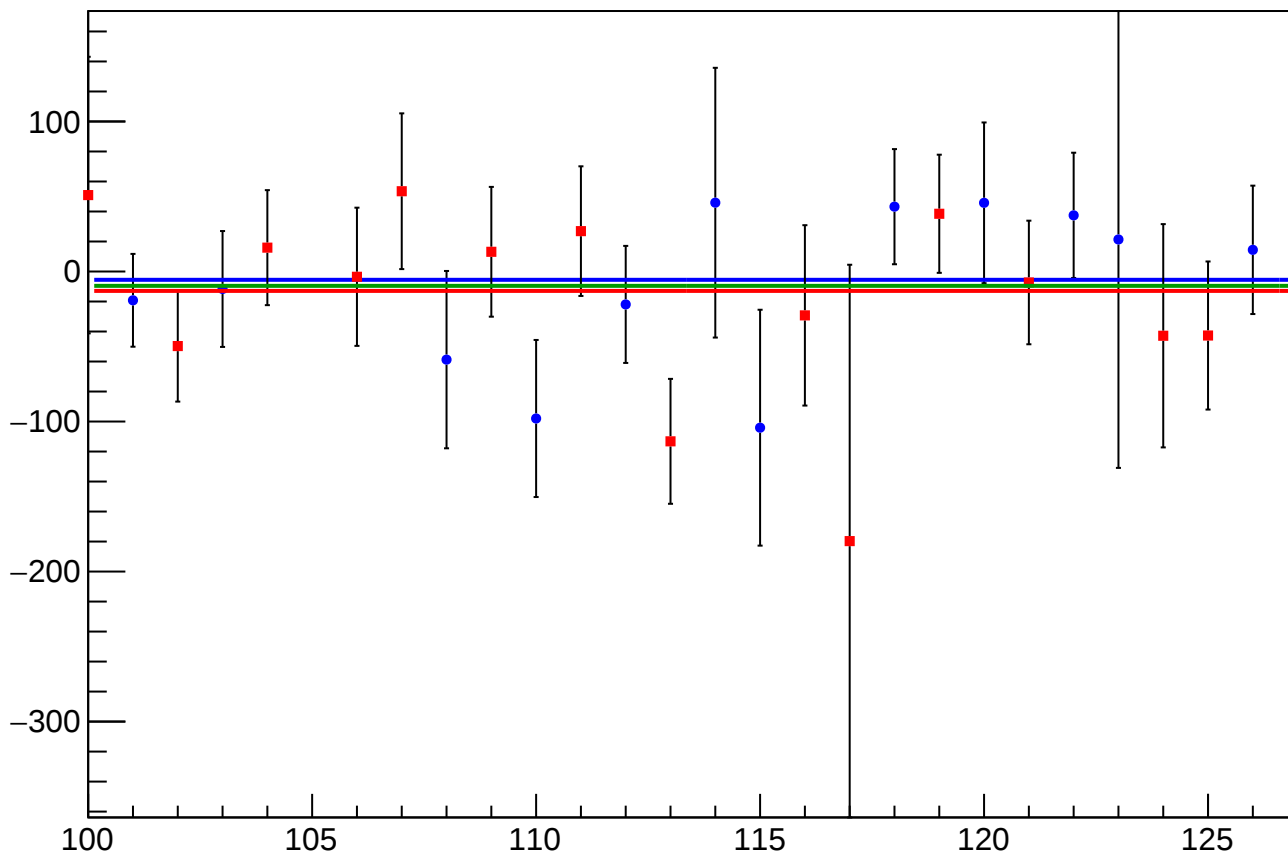
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7830.408+/-2.840 χ^2/NDF : 656278.0/11

6397.289+/-1.643 χ^2/NDF : 2937707.9/26

5676.278+/-2.015 χ^2/NDF : 1898726.3/14

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -5.535+/-13.484 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.928+/-12.354 χ^2/NDF : 14.5/14

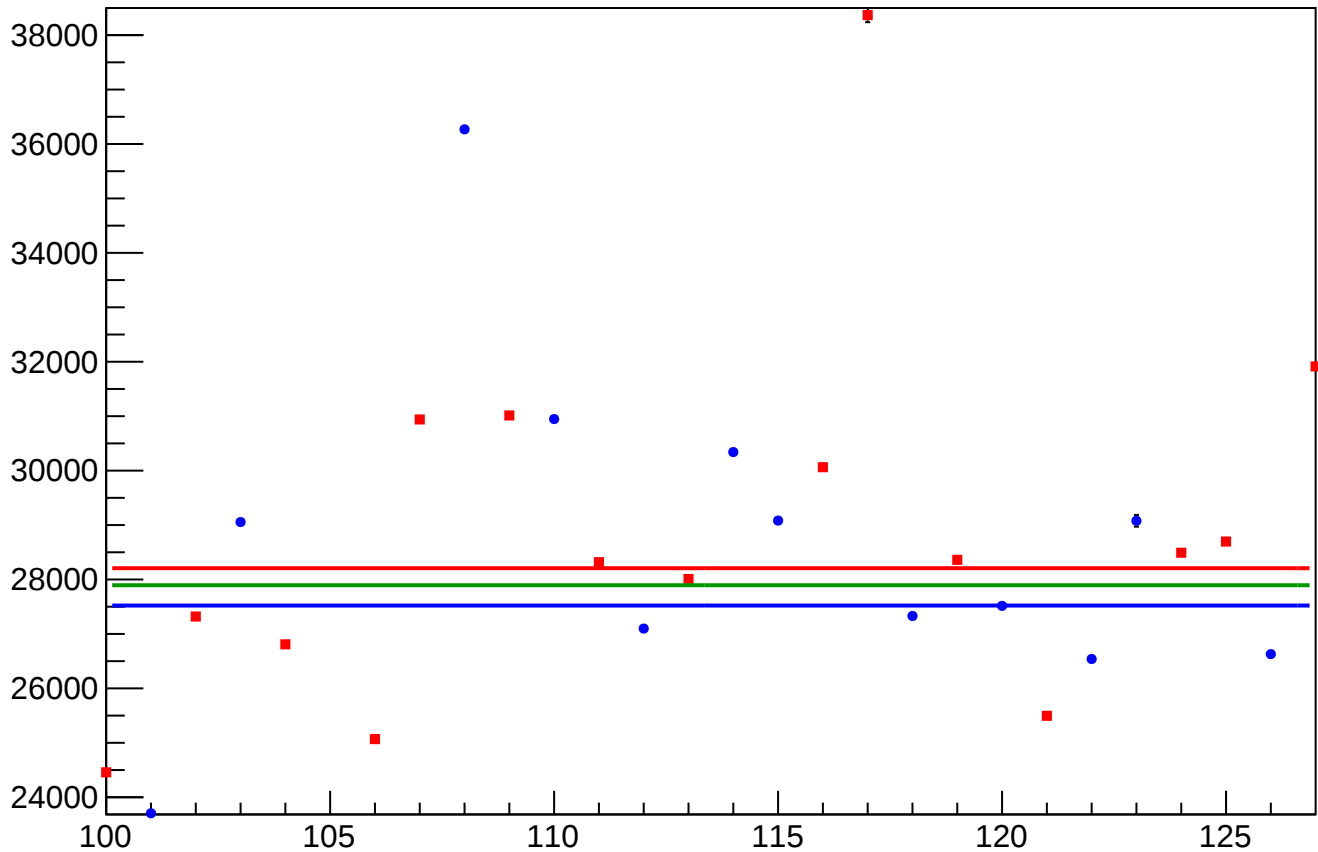
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.535+/-13.484 χ^2/NDF : 10.1/11

-9.554+/-9.109 χ^2/NDF : 24.8/26

-12.928+/-12.354 χ^2/NDF : 14.5/14

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27521.720+/-9.534 χ^2/NDF : 91195.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28207.379+/-8.735 χ^2/NDF : 58416.5/14

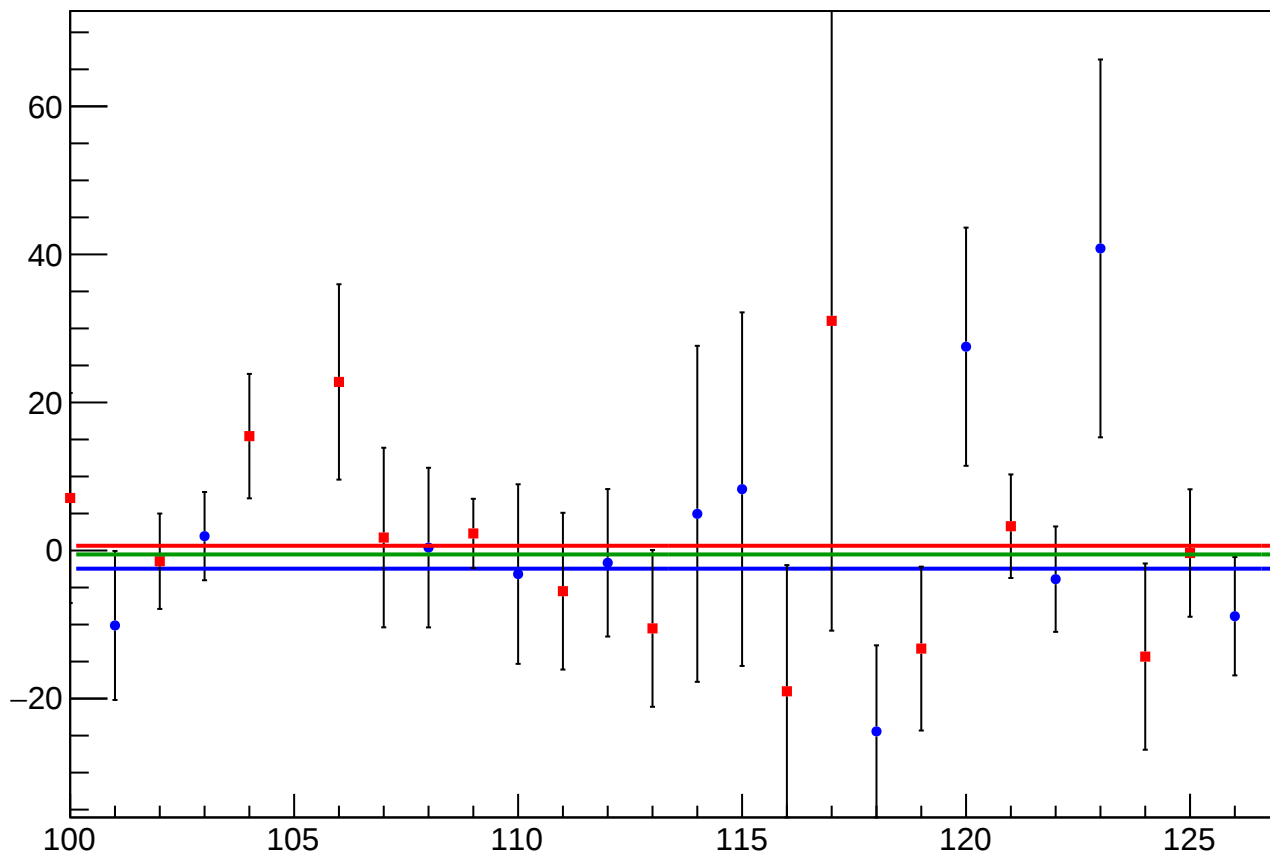
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27521.720+/-9.534 χ^2/NDF : 91195.0/11

27894.477+/-6.441 χ^2/NDF : 152423.0/26

28207.379+/-8.735 χ^2/NDF : 58416.5/14

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.452+/-2.944 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.644+/-2.301 χ^2/NDF : 12.9/14

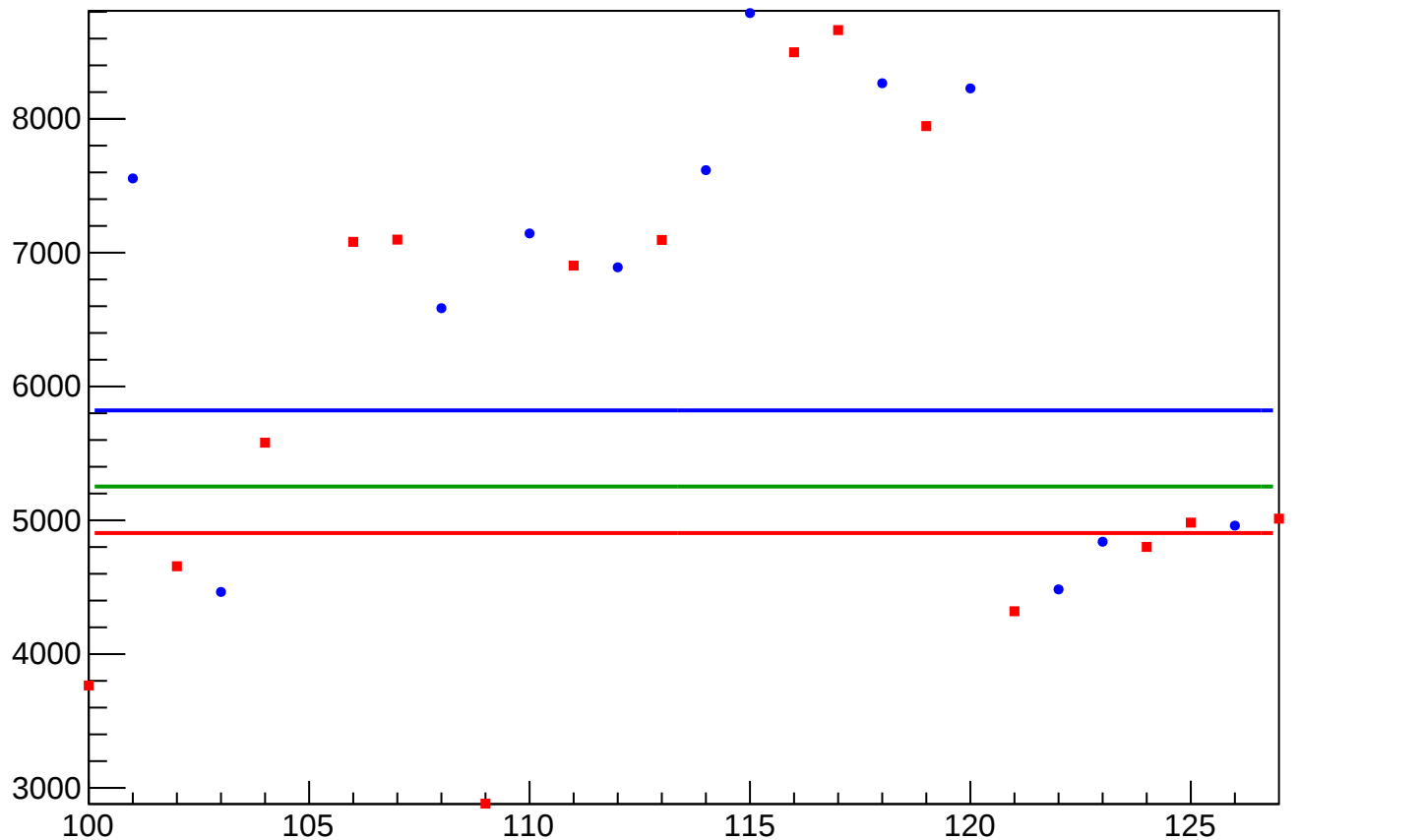
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.452+/-2.944 χ^2/NDF : 12.1/11

-0.530+/-1.813 χ^2/NDF : 25.7/26

0.644+/-2.301 χ^2/NDF : 12.9/14

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5821.215+/-2.082 χ^2/NDF : 493246.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4904.740+/-1.627 χ^2/NDF : 949602.1/14

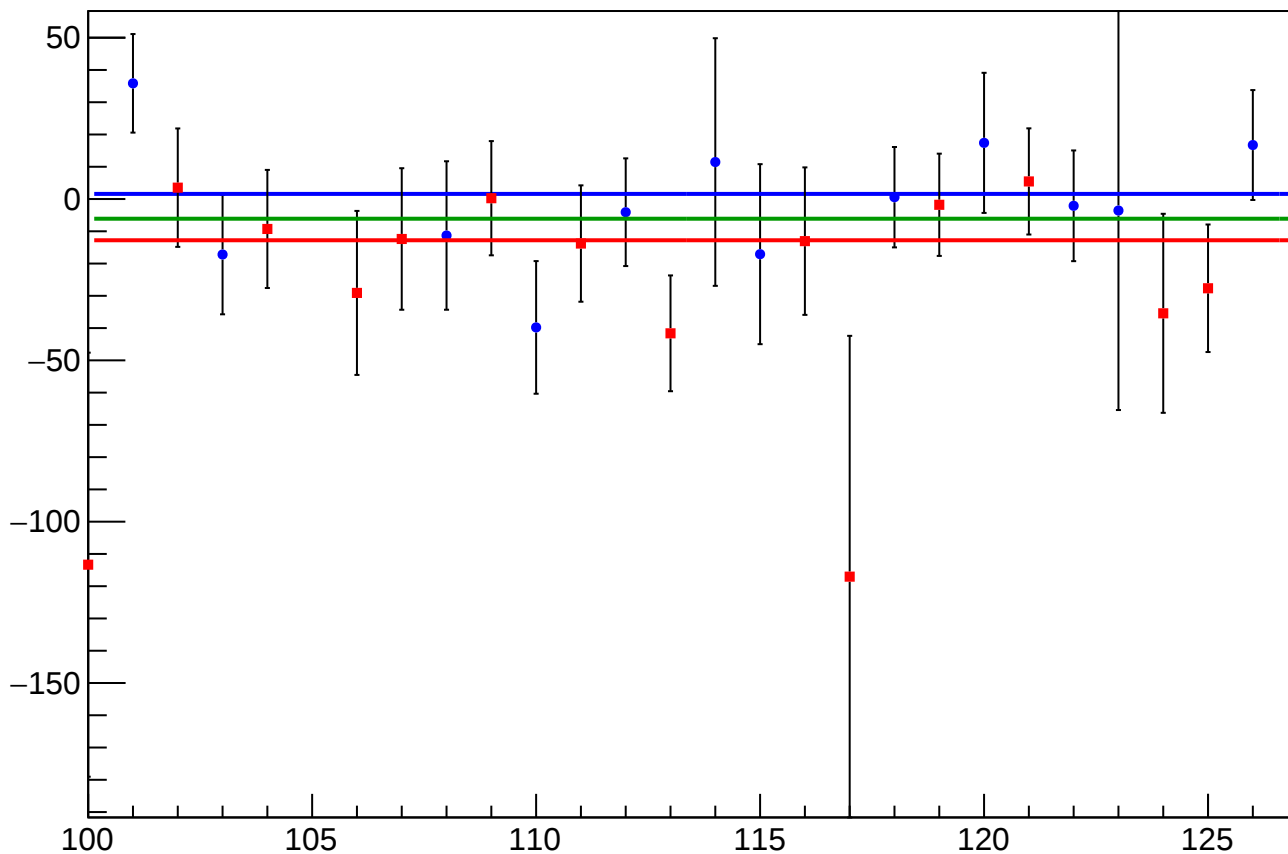
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5821.215+/-2.082 χ^2/NDF : 493246.5/11

5252.230+/-1.282 χ^2/NDF : 1563147.9/26

4904.740+/-1.627 χ^2/NDF : 949602.1/14

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 1.586 +/- 5.739 χ^2/NDF : 12.4/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -12.781 +/- 5.347 χ^2/NDF : 11.5/14

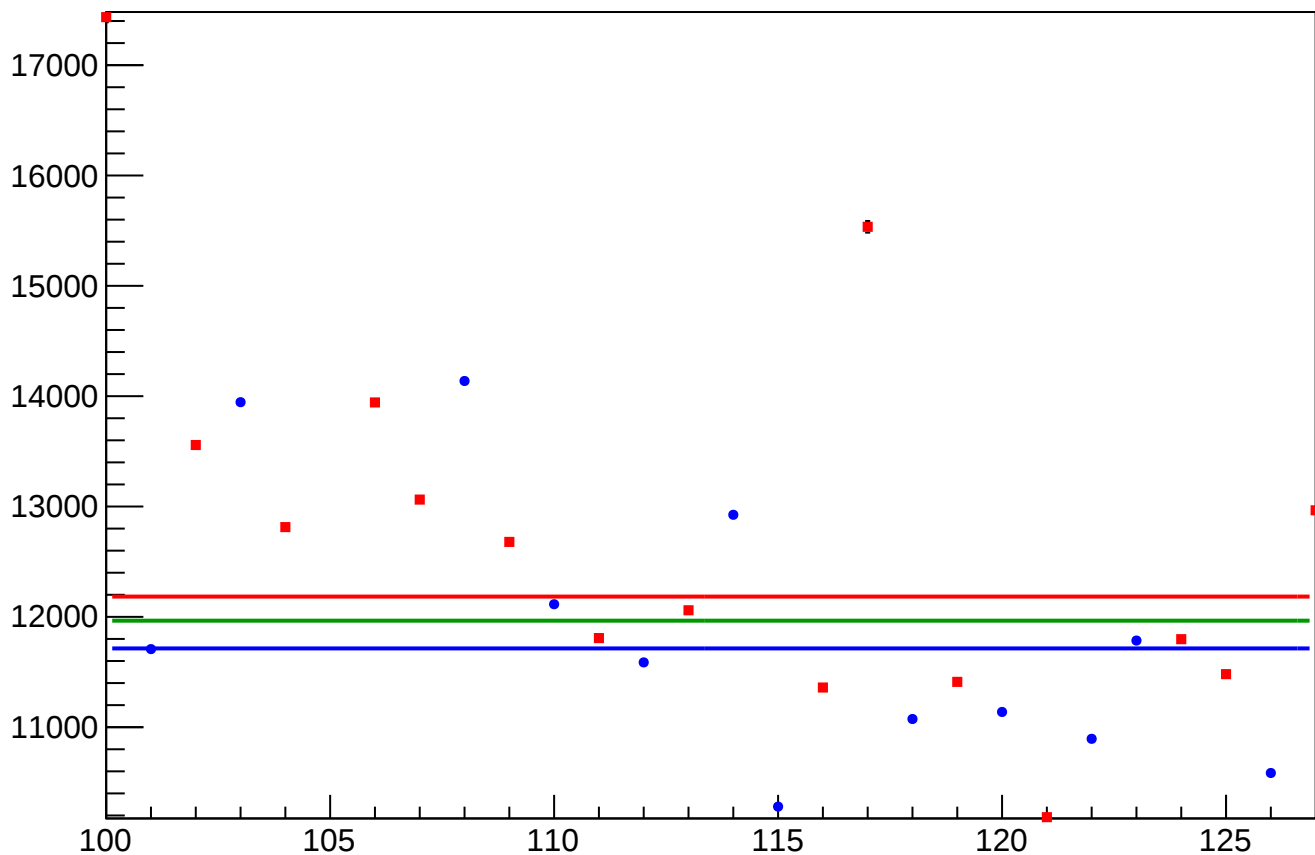
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

1.586 +/- 5.739 χ^2/NDF : 12.4/11

-6.104 +/- 3.912 χ^2/NDF : 27.3/26

-12.781 +/- 5.347 χ^2/NDF : 11.5/14

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11713.942+/-4.058 χ^2/NDF : 77468.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12183.805+/-3.781 χ^2/NDF : 88377.4/14

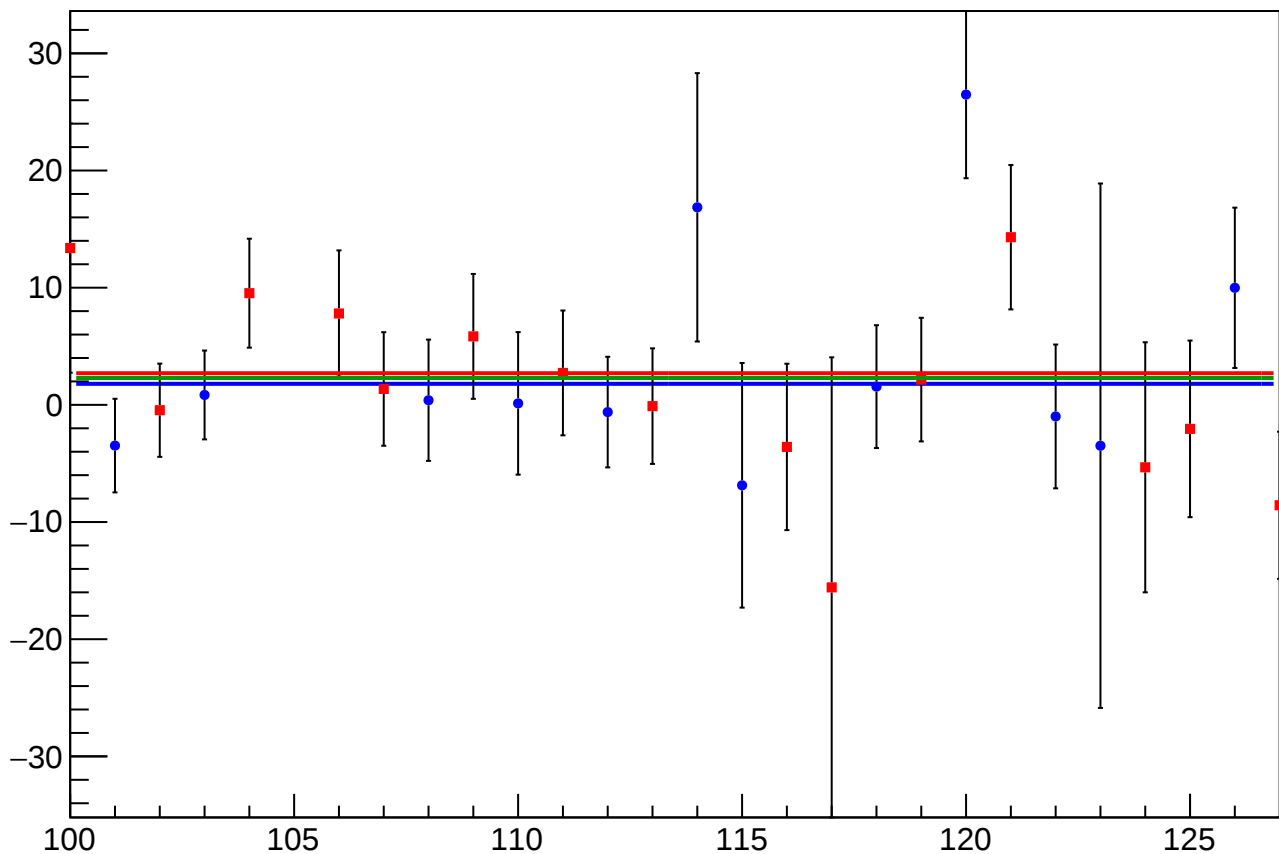
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11713.942+/-4.058 χ^2/NDF : 77468.1/11

11965.439+/-2.766 χ^2/NDF : 173022.2/26

12183.805+/-3.781 χ^2/NDF : 88377.4/14

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.796+/-1.657 χ^2/NDF : 18.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.700+/-1.502 χ^2/NDF : 14.8/14

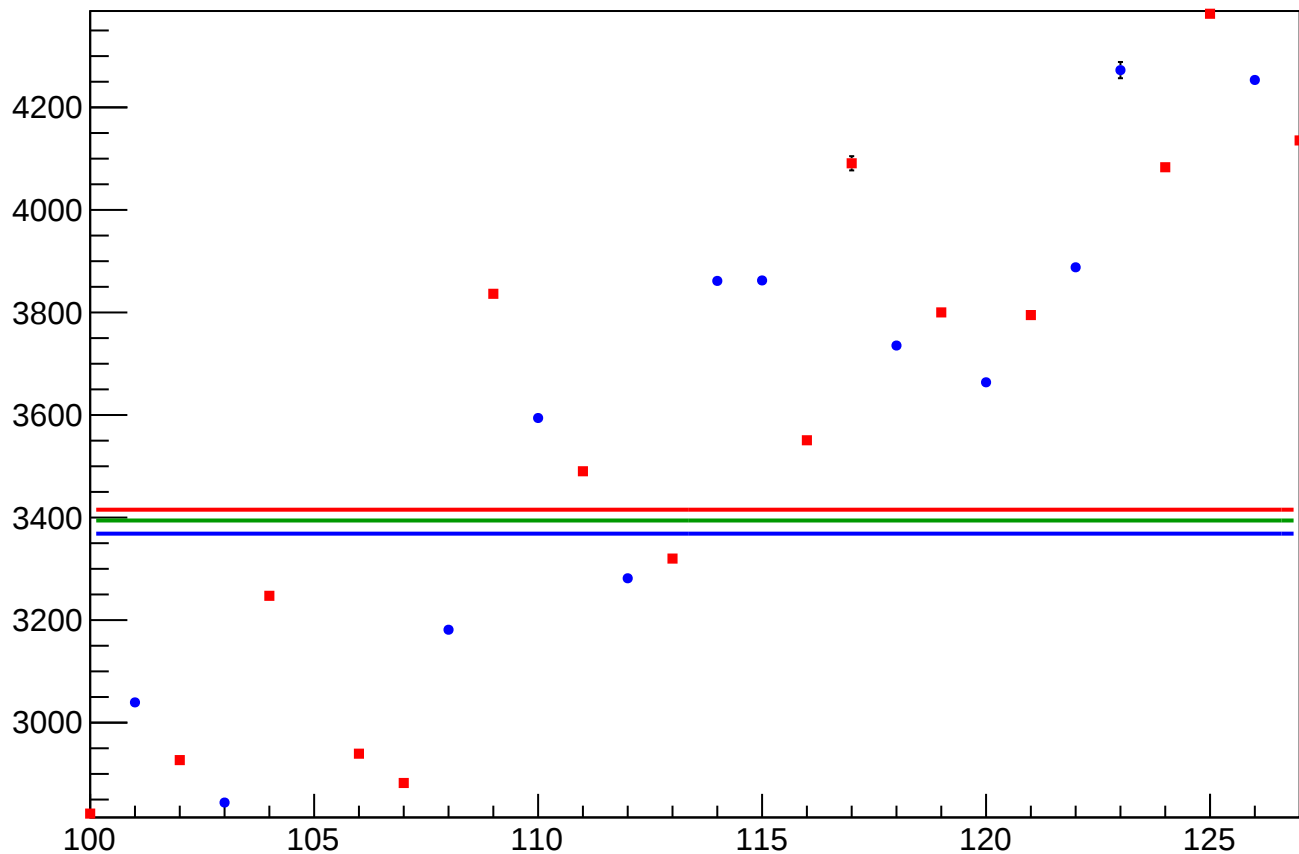
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.796+/-1.657 χ^2/NDF : 18.3/11

2.292+/-1.113 χ^2/NDF : 33.3/26

2.700+/-1.502 χ^2/NDF : 14.8/14

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3368.610+/-1.172 χ^2/NDF : 130374.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3415.339+/-1.062 χ^2/NDF : 180831.3/14

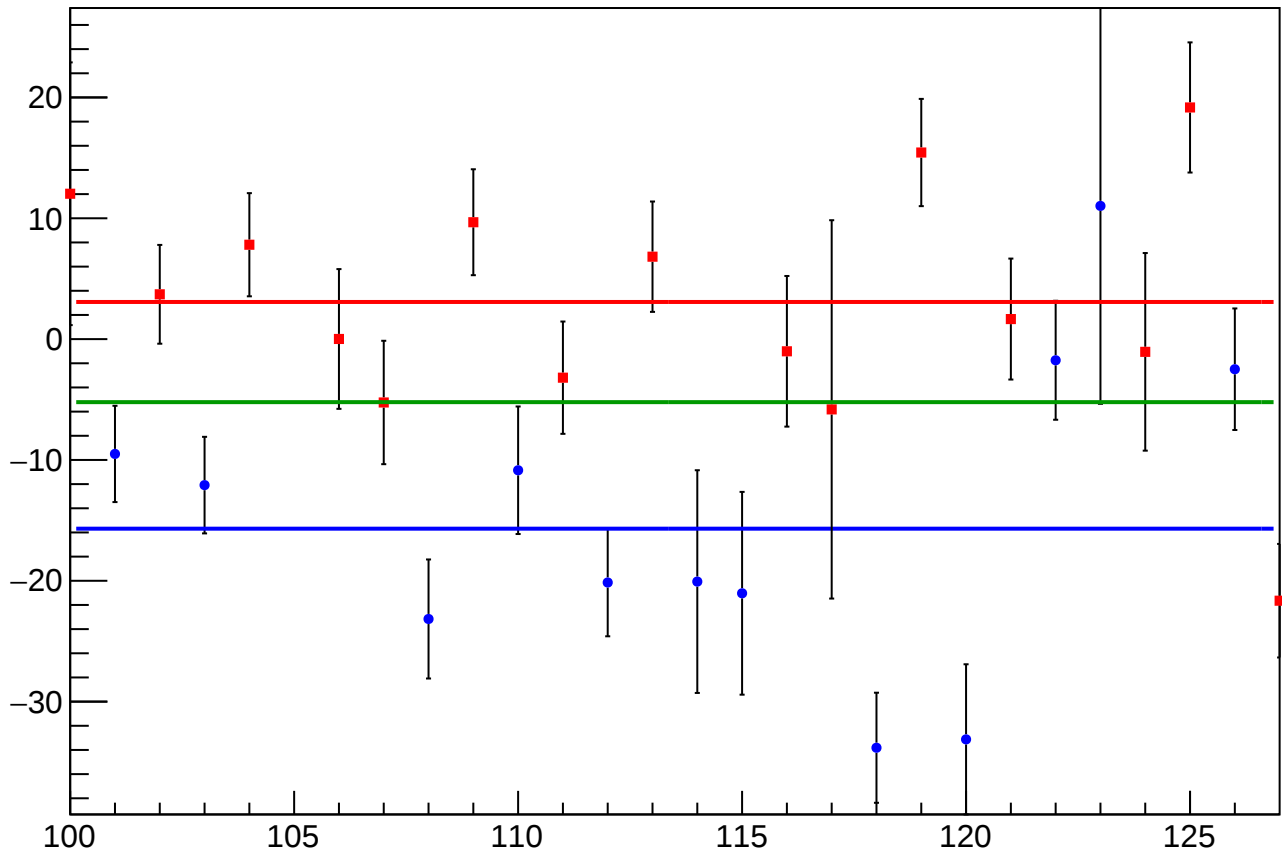
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3368.610+/-1.172 χ^2/NDF : 130374.0/11

3394.264+/-0.787 χ^2/NDF : 312078.7/26

3415.339+/-1.062 χ^2/NDF : 180831.3/14

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.688 ± 1.511 χ^2/NDF : 49.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.074 ± 1.345 χ^2/NDF : 55.1/14

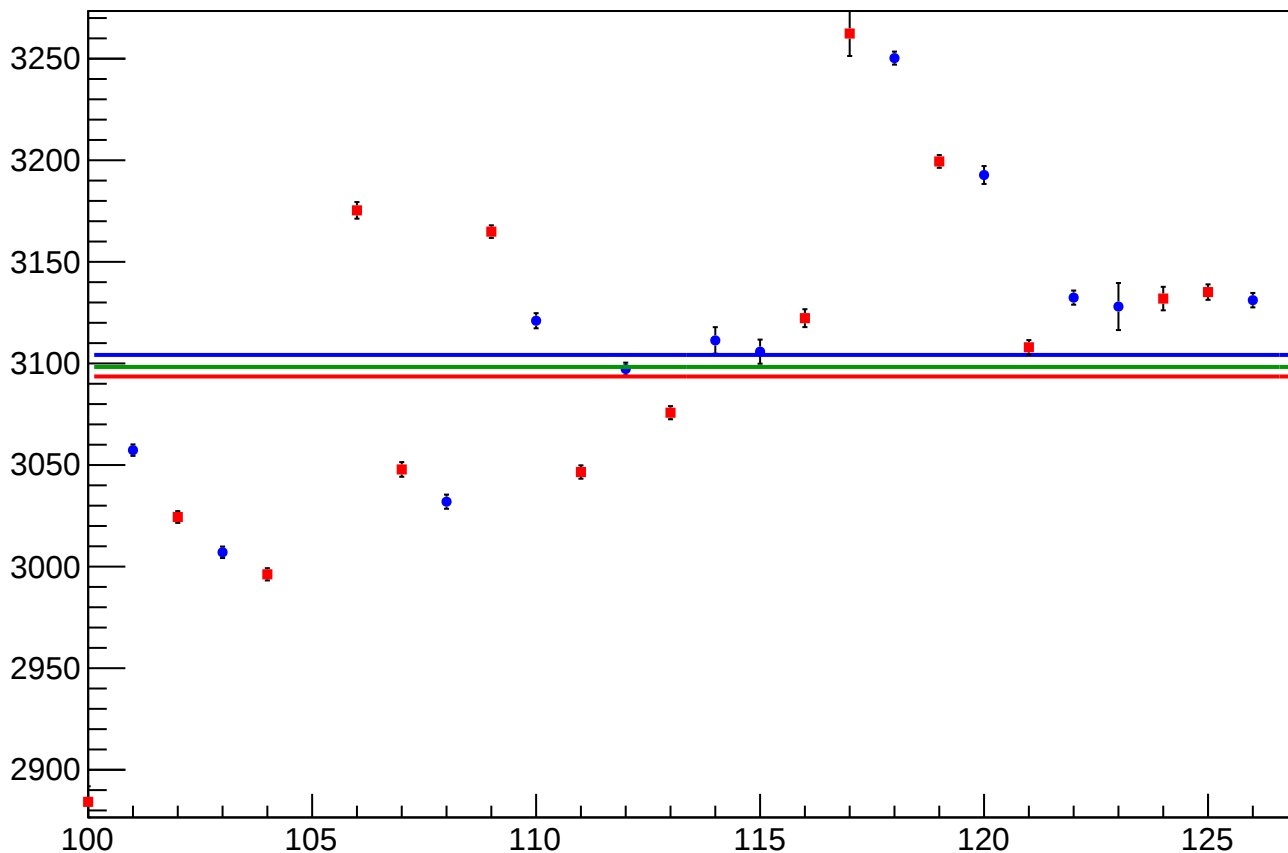
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.688 ± 1.511 χ^2/NDF : 49.3/11

-5.216 ± 1.005 χ^2/NDF : 190.4/26

3.074 ± 1.345 χ^2/NDF : 55.1/14

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3104.191+/-1.069 χ^2/NDF : 4505.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3093.579+/-0.951 χ^2/NDF : 5282.9/14

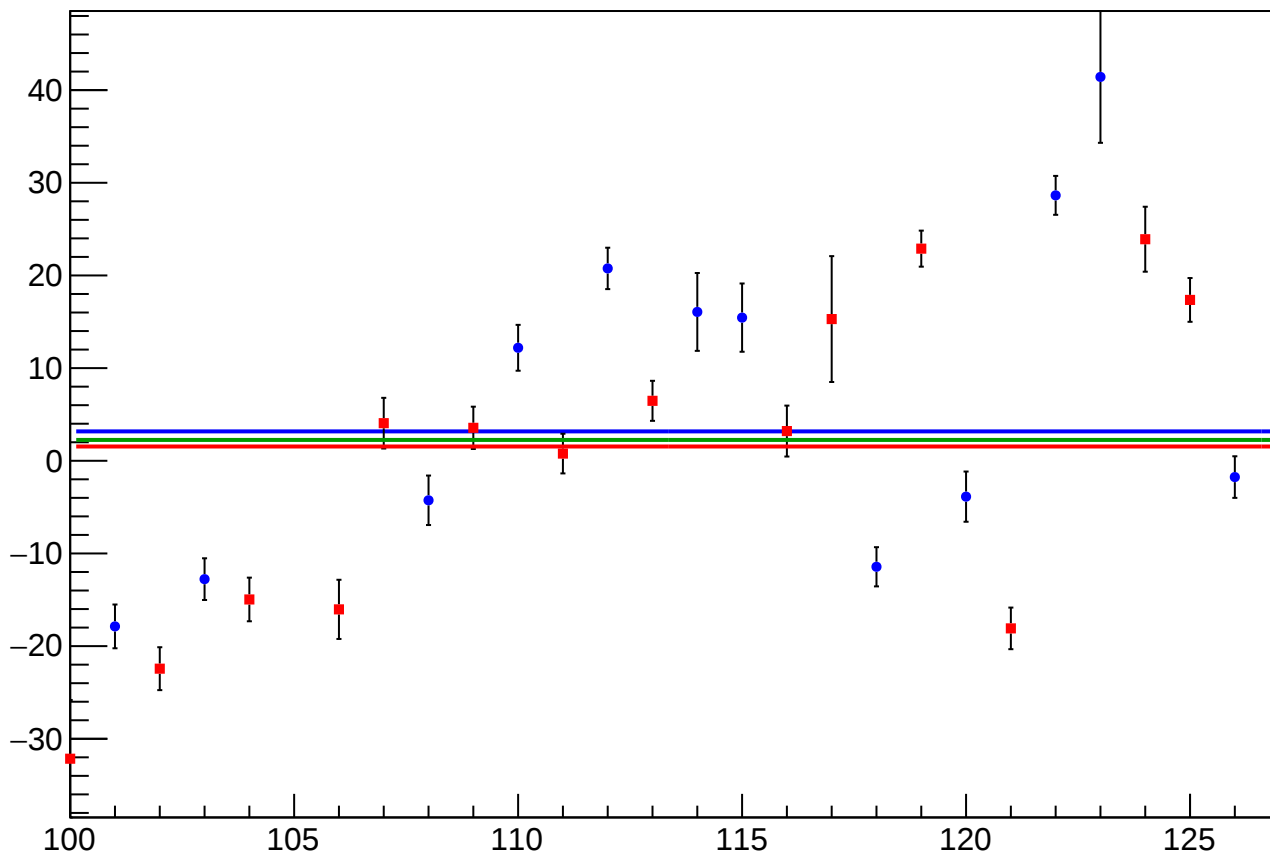
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3104.191+/-1.069 χ^2/NDF : 4505.6/11

3098.268+/-0.710 χ^2/NDF : 9843.4/26

3093.579+/-0.951 χ^2/NDF : 5282.9/14

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.173+/-0.742 χ^2/NDF : 468.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.543+/-0.650 χ^2/NDF : 518.0/14

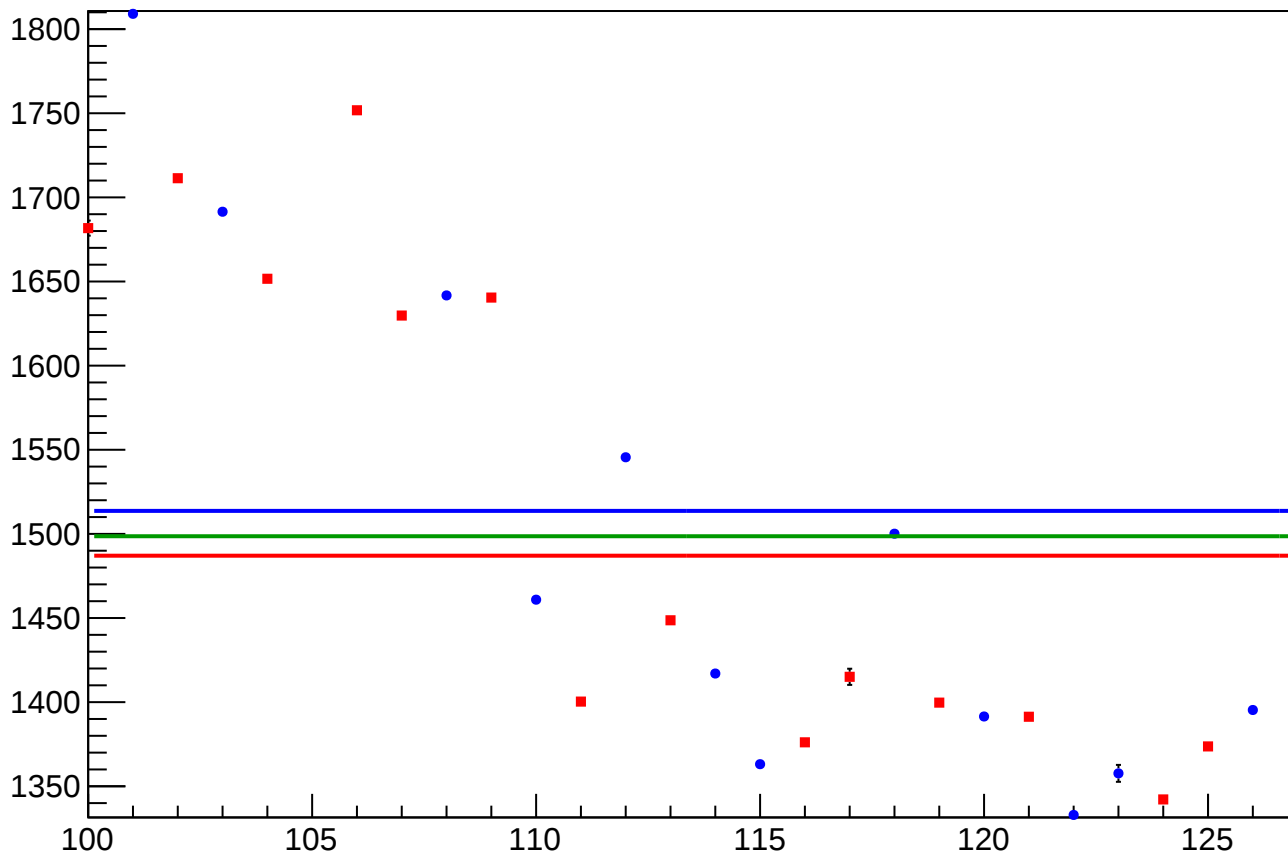
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.173+/-0.742 χ^2/NDF : 468.5/11

2.251+/-0.489 χ^2/NDF : 989.3/26

1.543+/-0.650 χ^2/NDF : 518.0/14

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1513.673 $\pm$ 0.525 χ^2 /NDF: 79591.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1487.042 $\pm$ 0.460 χ^2 /NDF: 91048.1/14

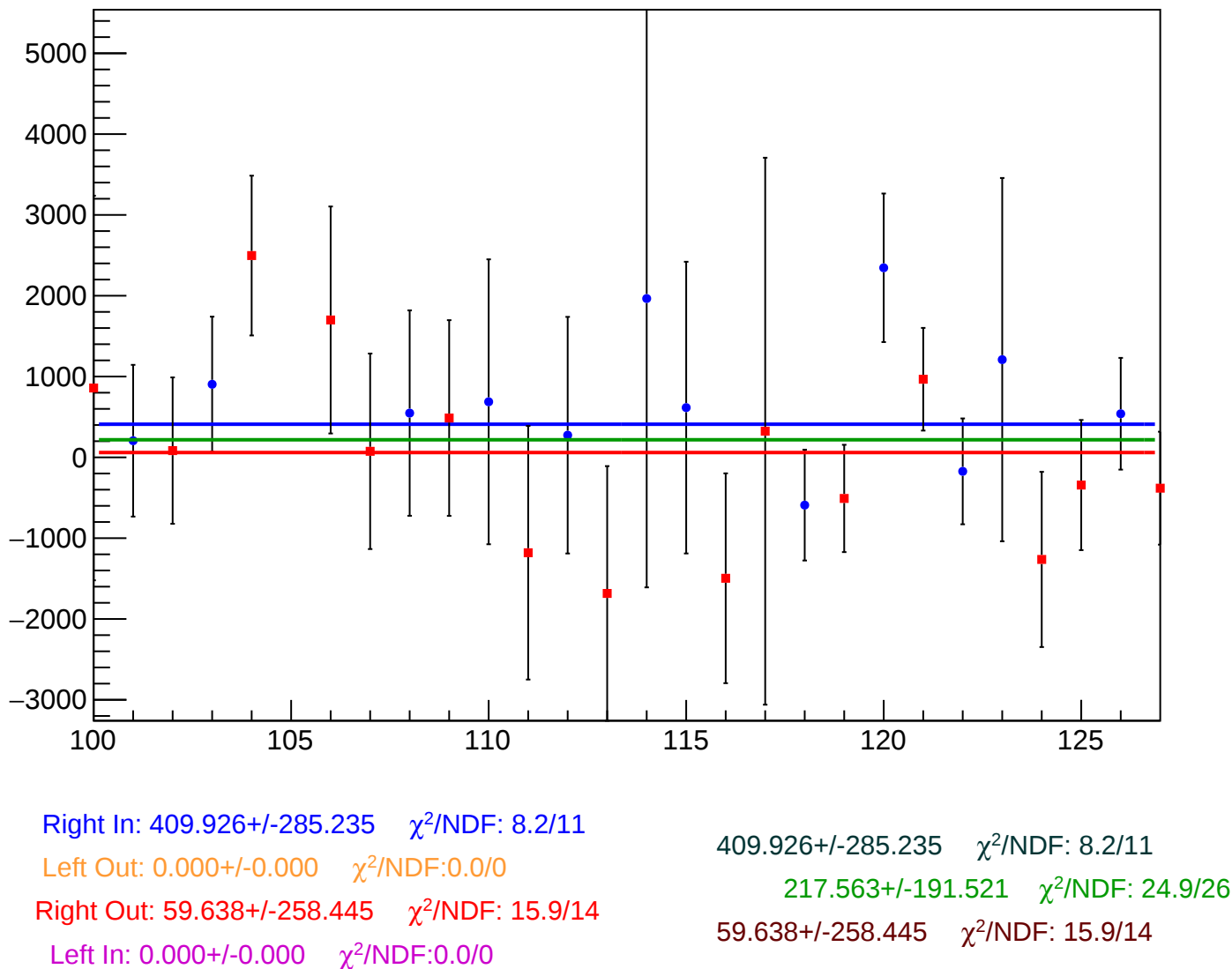
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1513.673 $\pm$ 0.525 χ^2 /NDF: 79591.7/11

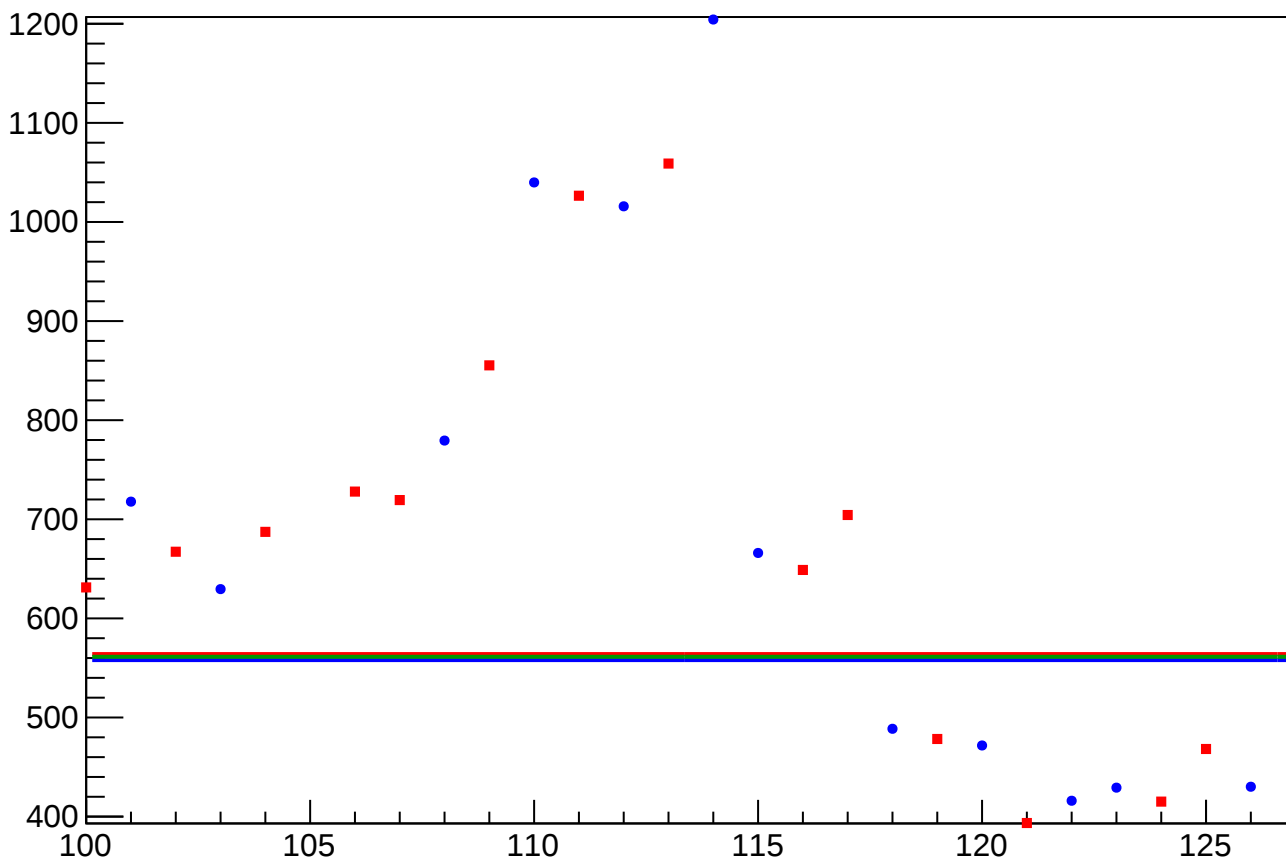
1498.607 $\pm$ 0.346 χ^2 /NDF: 172097.0/26

1487.042 $\pm$ 0.460 χ^2 /NDF: 91048.1/14

asym_sam1_mean vs Slug, Sign Corrected



asym_sam1_rms vs Slug, Sign Corrected



Right In: 557.923+/-0.202 χ^2/NDF : 758130.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 563.992+/-0.183 χ^2/NDF : 904619.6/14

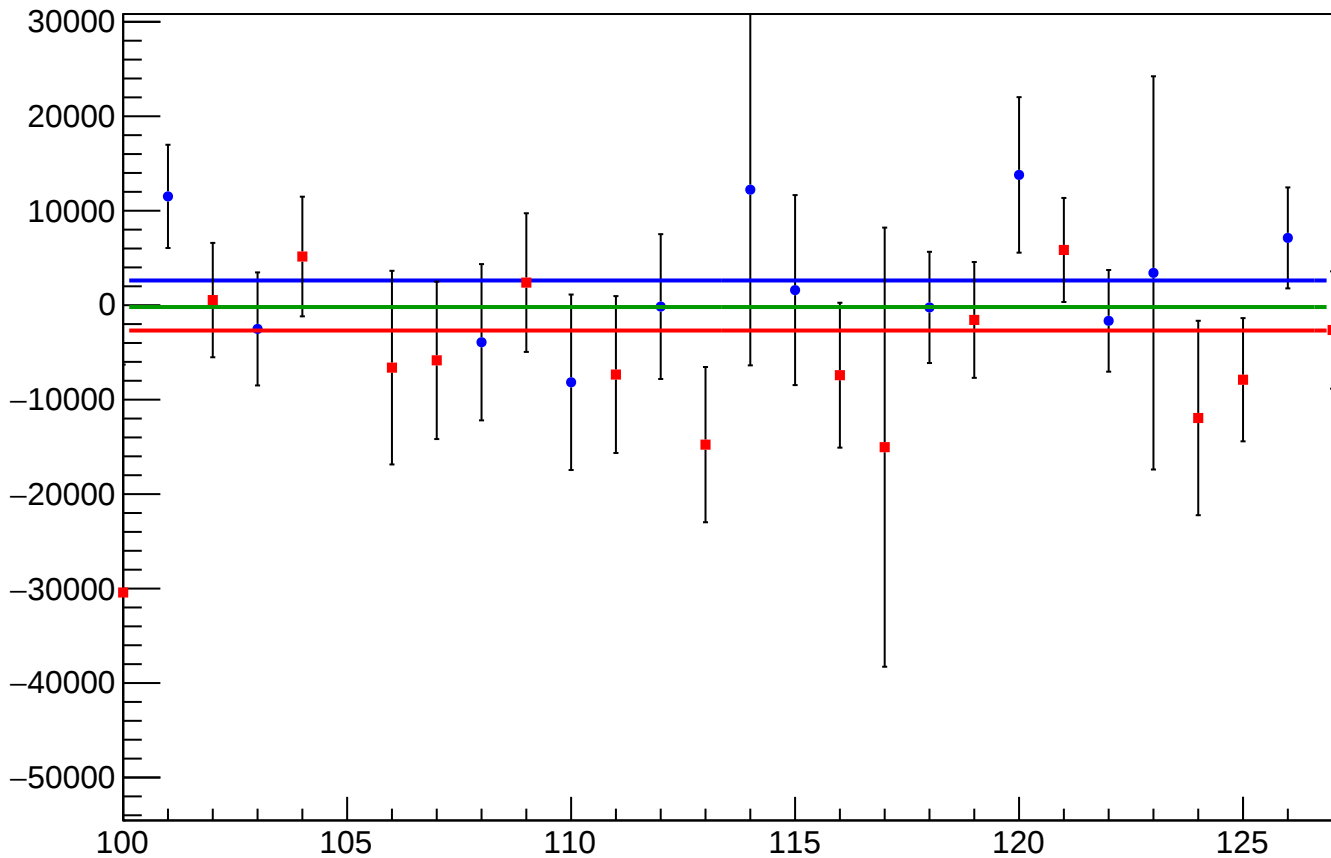
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

557.923+/-0.202 χ^2/NDF : 758130.9/11

561.256+/-0.135 χ^2/NDF : 1663247.8/26

563.992+/-0.183 χ^2/NDF : 904619.6/14

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2616.318+/-2072.350 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2682.074+/-1949.882 χ^2/NDF : 10.9/14

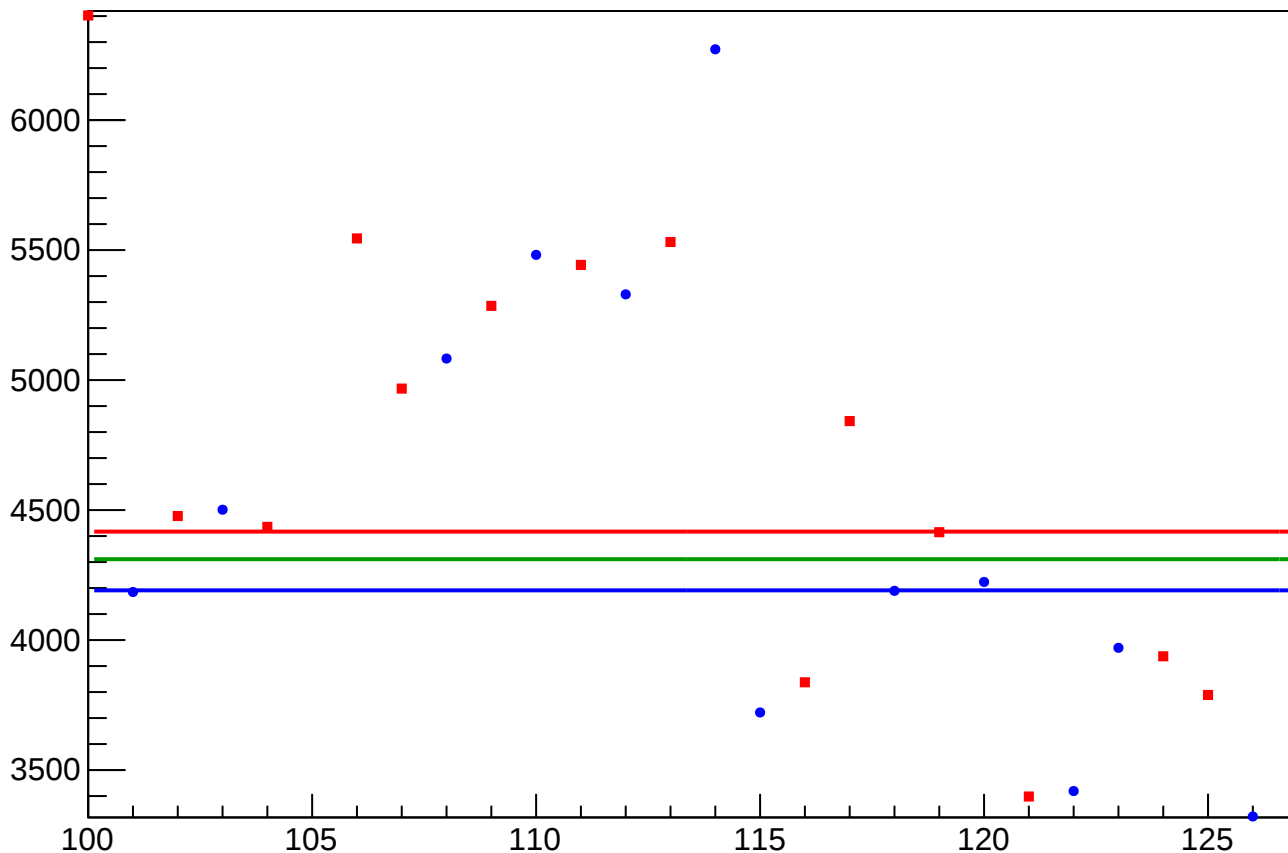
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2616.318+/-2072.350 χ^2/NDF : 9.2/11

-194.053+/-1420.097 χ^2/NDF : 23.6/26

-2682.074+/-1949.882 χ^2/NDF : 10.9/14

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4191.222+/-1.465 χ^2/NDF : 235083.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4417.193+/-1.379 χ^2/NDF : 252516.1/14

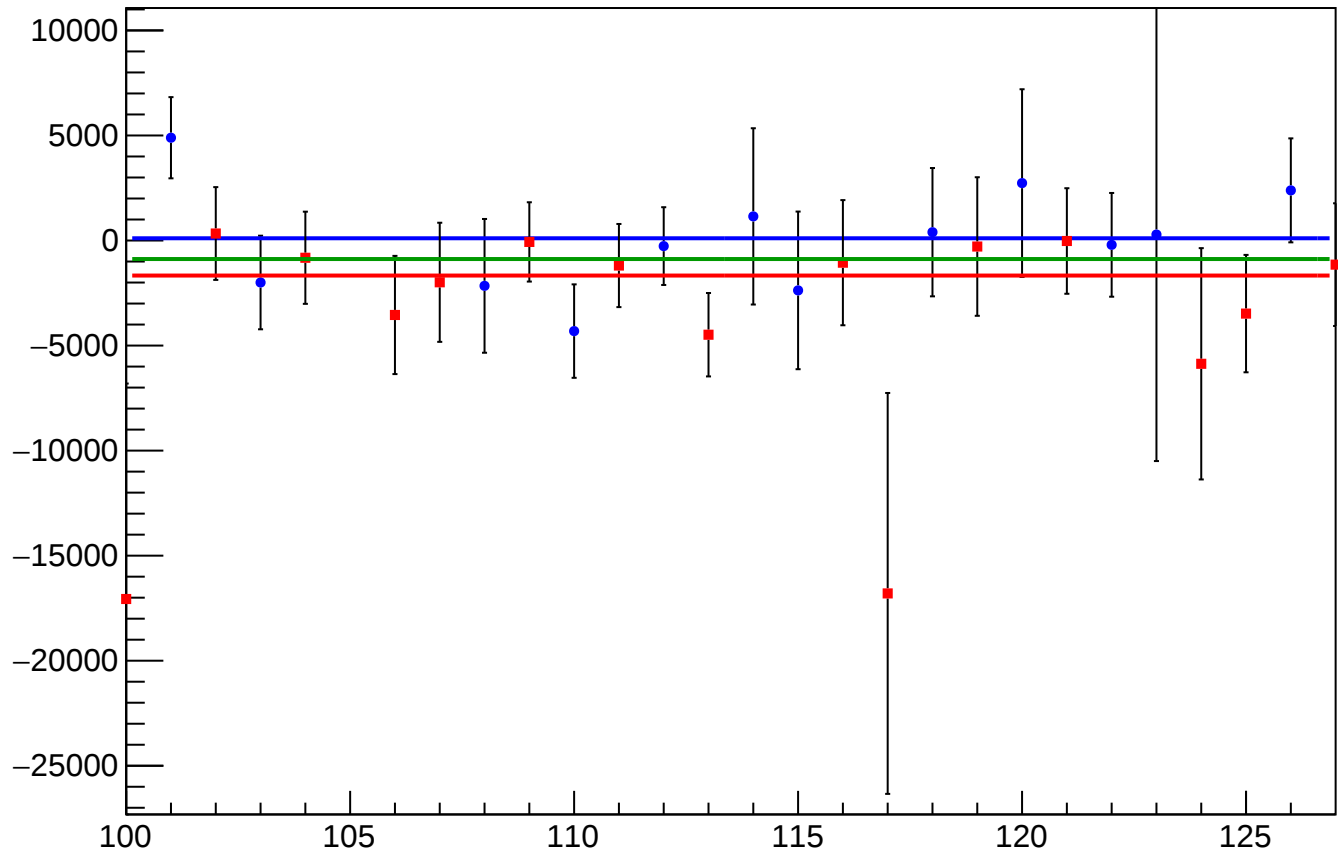
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4191.222+/-1.465 χ^2/NDF : 235083.8/11

4311.082+/-1.004 χ^2/NDF : 500213.2/26

4417.193+/-1.379 χ^2/NDF : 252516.1/14

asym_sam3_mean vs Slug, Sign Corrected



Right In: 107.089+/-770.787 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1667.223+/-687.510 χ^2/NDF : 10.7/14

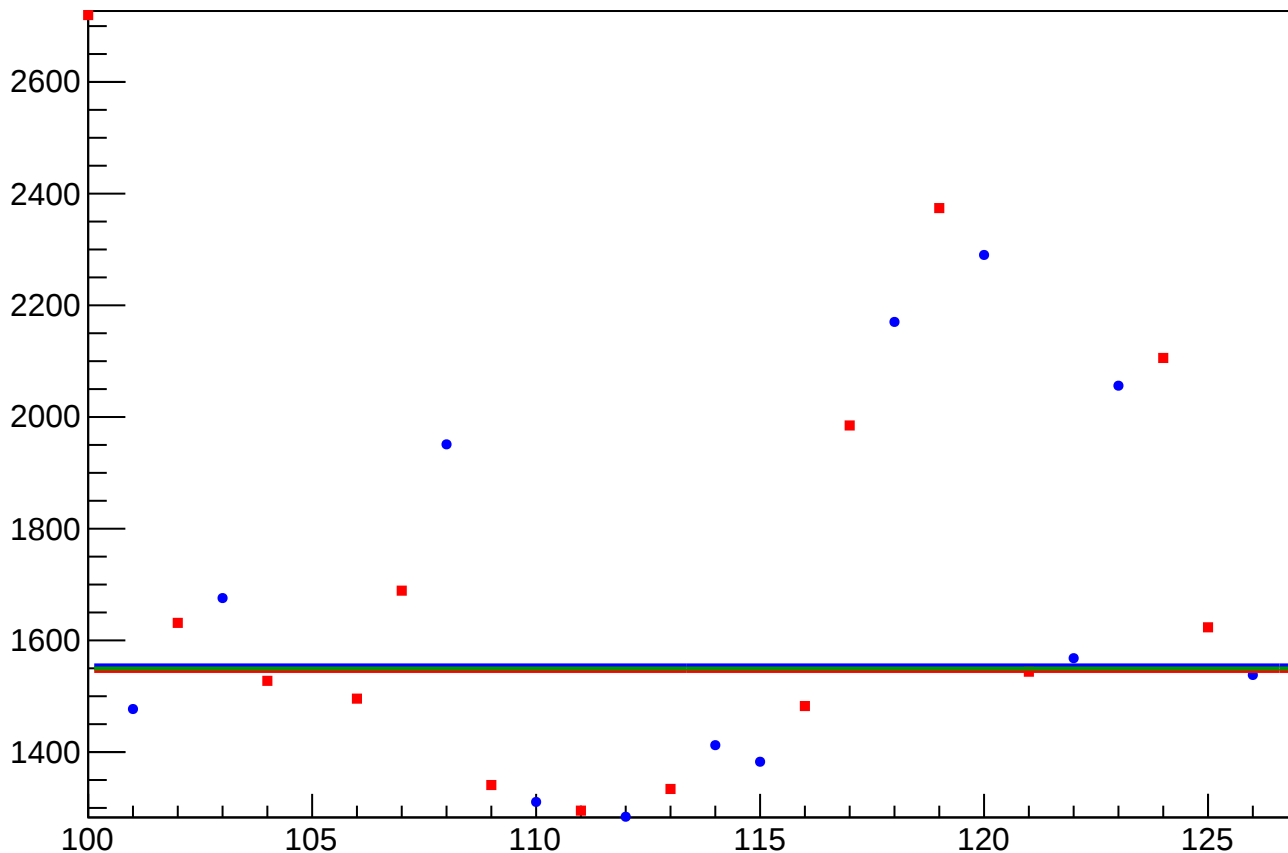
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.089+/-770.787 χ^2/NDF : 13.2/11

-881.061+/-513.069 χ^2/NDF : 26.9/26

-1667.223+/-687.510 χ^2/NDF : 10.7/14

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1555.197+/-0.545 χ^2/NDF : 253402.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1545.296+/-0.486 χ^2/NDF : 288945.2/14

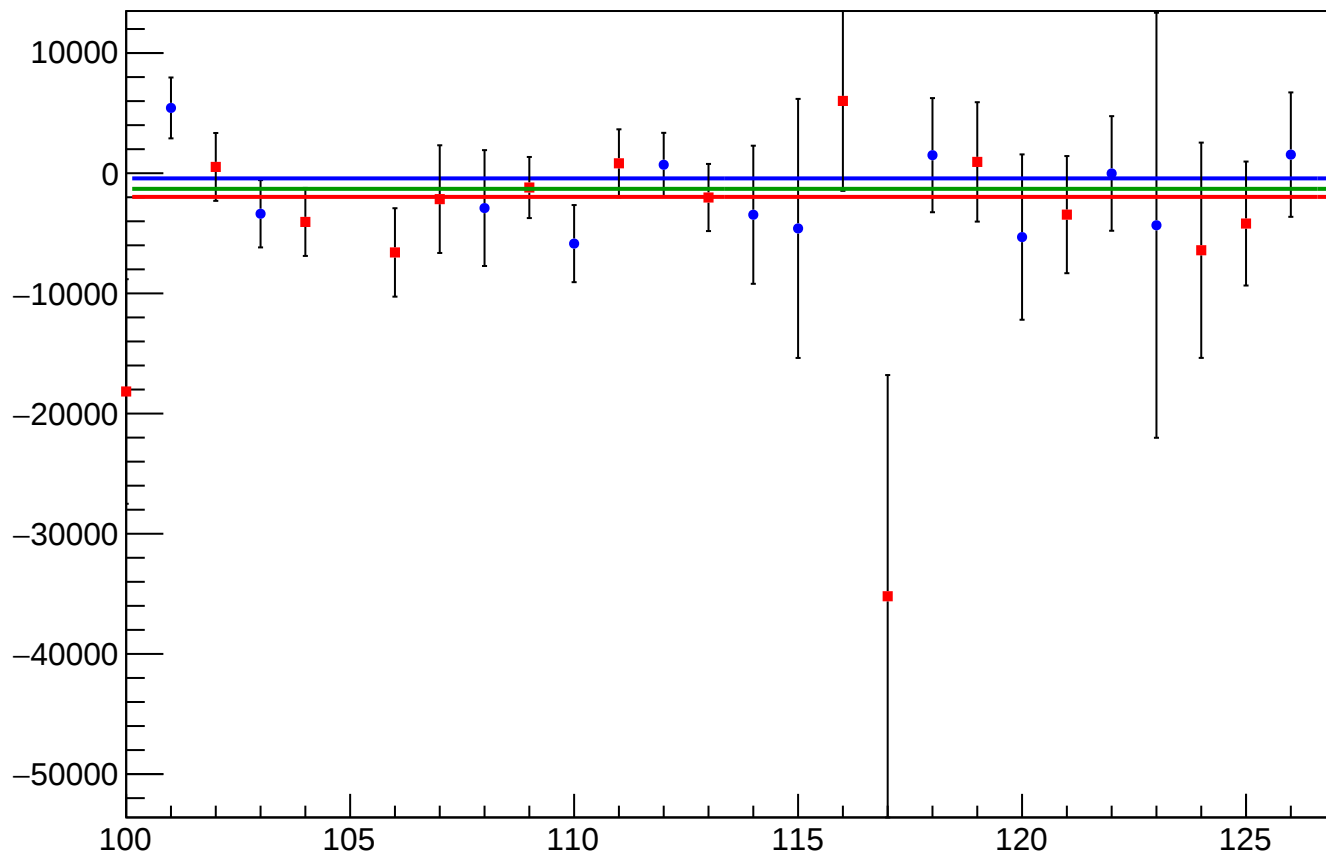
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1555.197+/-0.545 χ^2/NDF : 253402.6/11

1549.683+/-0.363 χ^2/NDF : 542531.6/26

1545.296+/-0.486 χ^2/NDF : 288945.2/14

asym_sam4_mean vs Slug, Sign Corrected



Right In: -430.455 ± 1151.584 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1970.551 ± 1010.930 χ^2/NDF : 12.3/14

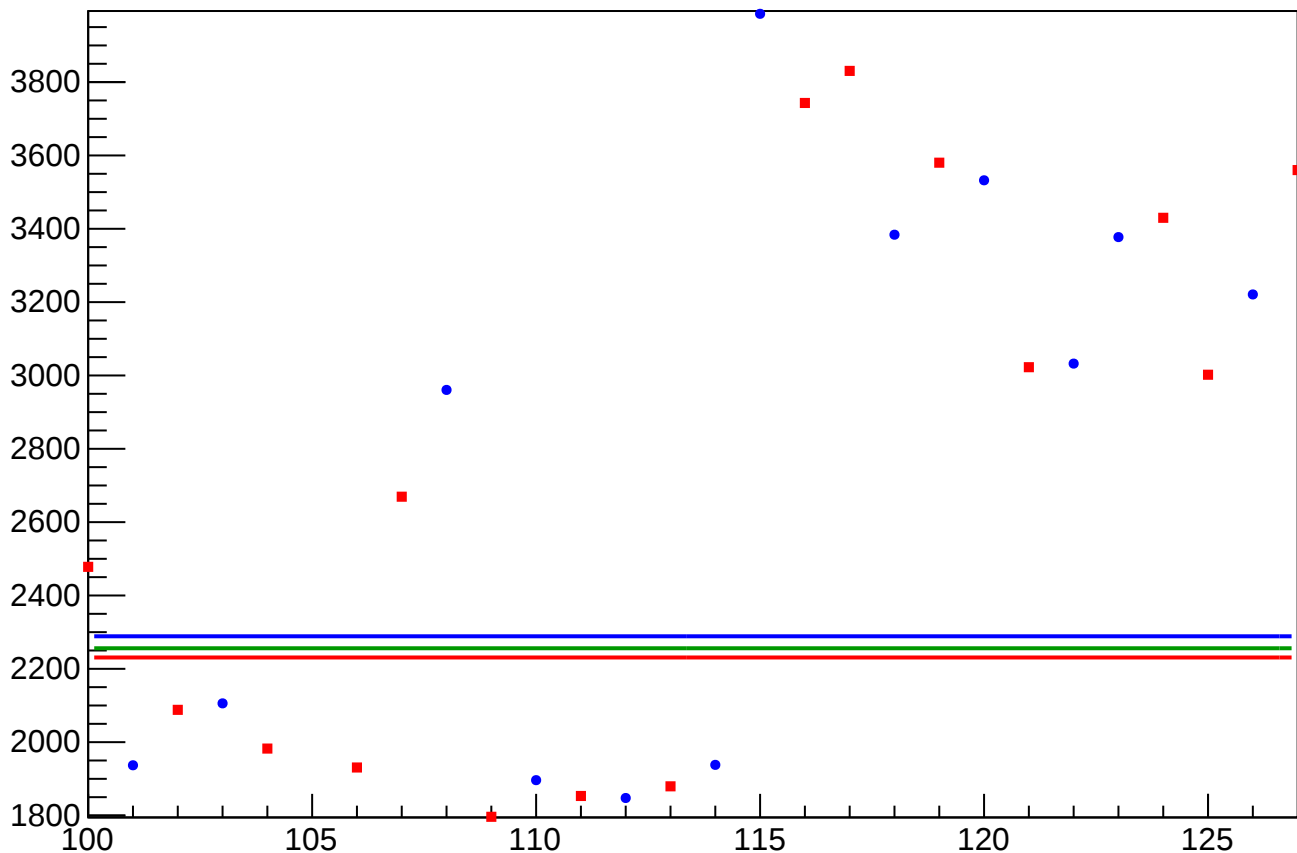
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-430.455 ± 1151.584 χ^2/NDF : 11.1/11

-1300.252 ± 759.724 χ^2/NDF : 24.4/26

-1970.551 ± 1010.930 χ^2/NDF : 12.3/14

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2288.725+/-0.814 χ^2/NDF : 520763.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2230.929+/-0.715 χ^2/NDF : 669899.3/14

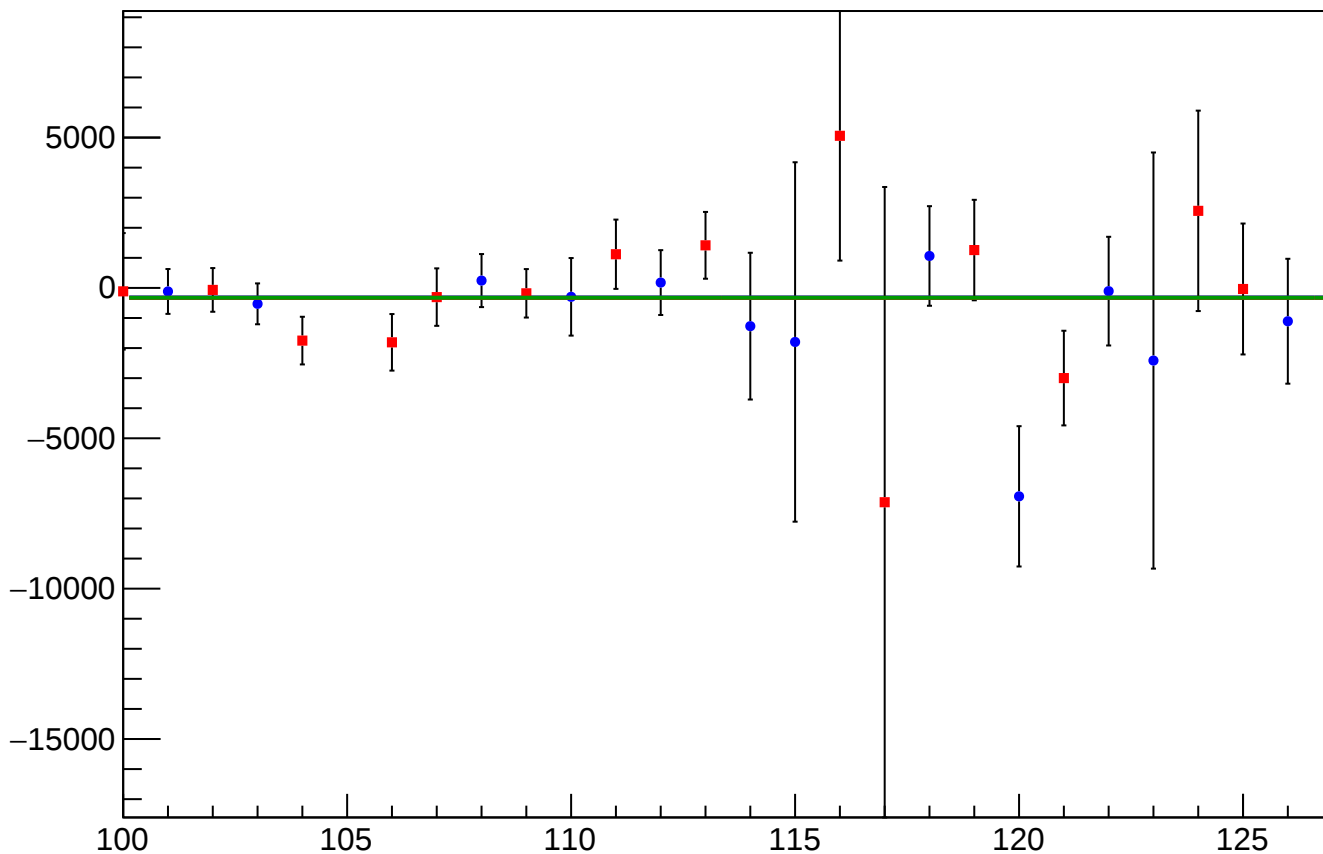
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2288.725+/-0.814 χ^2/NDF : 520763.9/11

2256.083+/-0.537 χ^2/NDF : 1193508.4/26

2230.929+/-0.715 χ^2/NDF : 669899.3/14

asym_sam5_mean vs Slug, Sign Corrected



Right In: -318.907+/-353.249 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -330.388+/-309.012 χ^2/NDF : 17.7/14

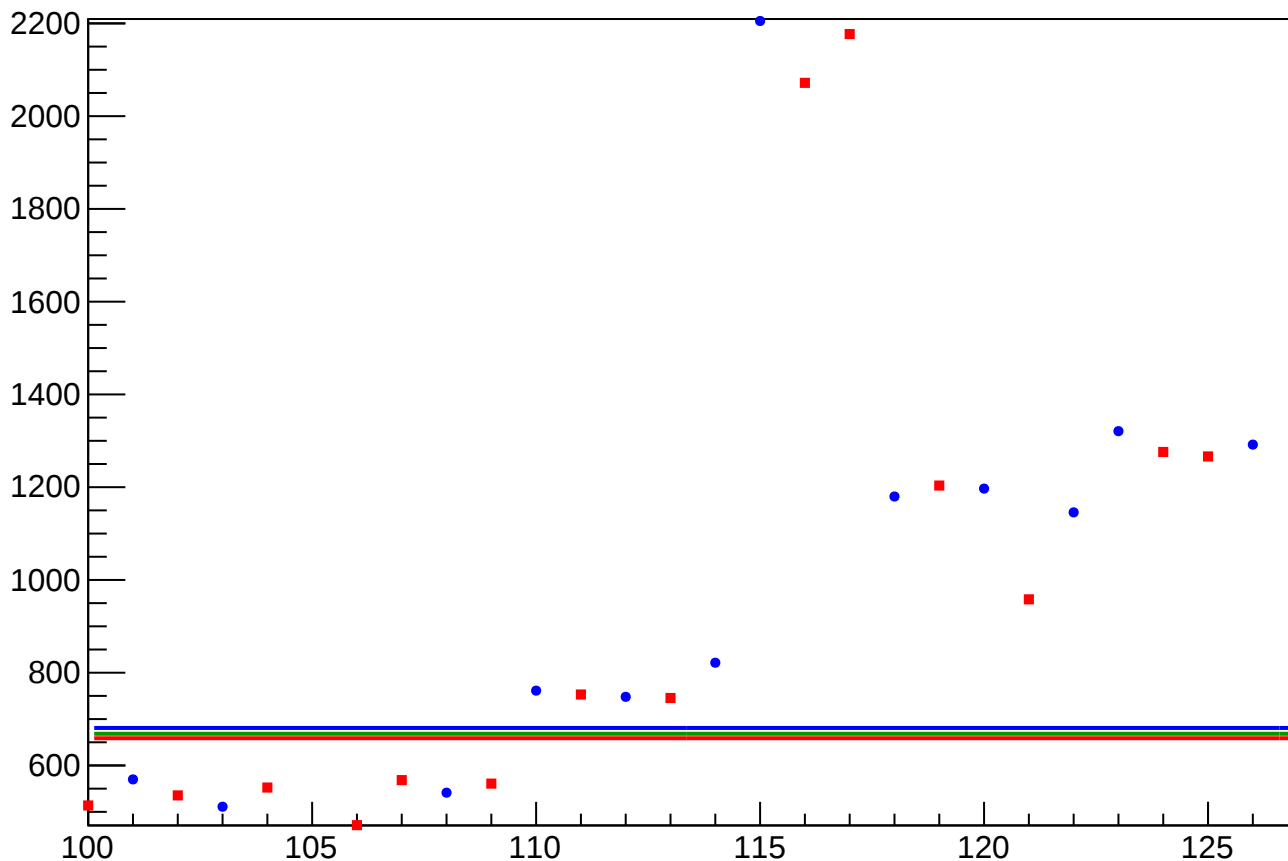
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-318.907+/-353.249 χ^2/NDF : 10.0/11

-325.411+/-232.582 χ^2/NDF : 27.7/26

-330.388+/-309.012 χ^2/NDF : 17.7/14

asym_sam5_rms vs Slug, Sign Corrected



Right In: 680.893+/-0.250 χ^2/NDF : 973564.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.689+/-0.219 χ^2/NDF : 1249481.6/14

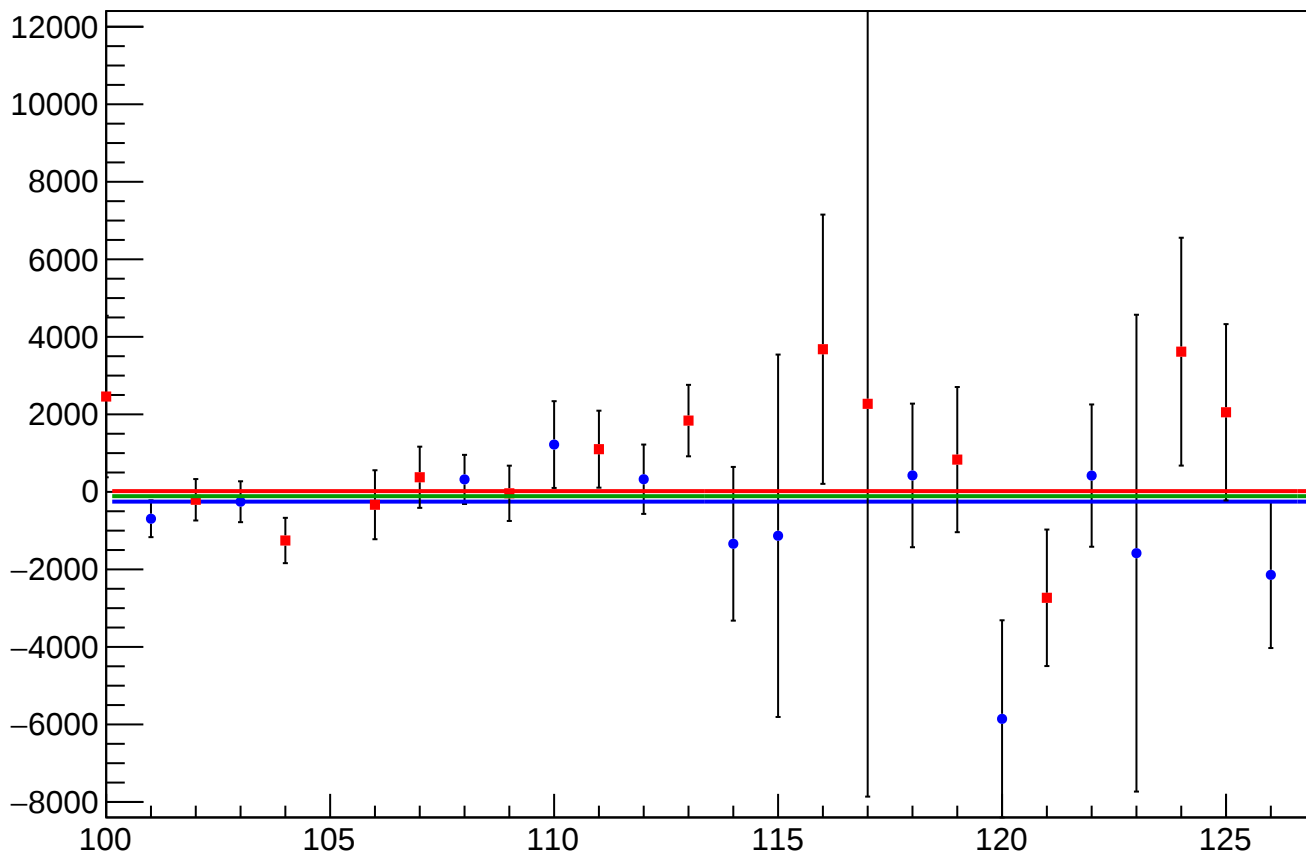
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

680.893+/-0.250 χ^2/NDF : 973564.7/11

668.315+/-0.164 χ^2/NDF : 2227522.5/26

658.689+/-0.219 χ^2/NDF : 1249481.6/14

asym_sam6_mean vs Slug, Sign Corrected



Right In: -251.148+/-267.972 χ^2 /NDF: 10.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 19.331+/-258.882 χ^2 /NDF: 18.0/14

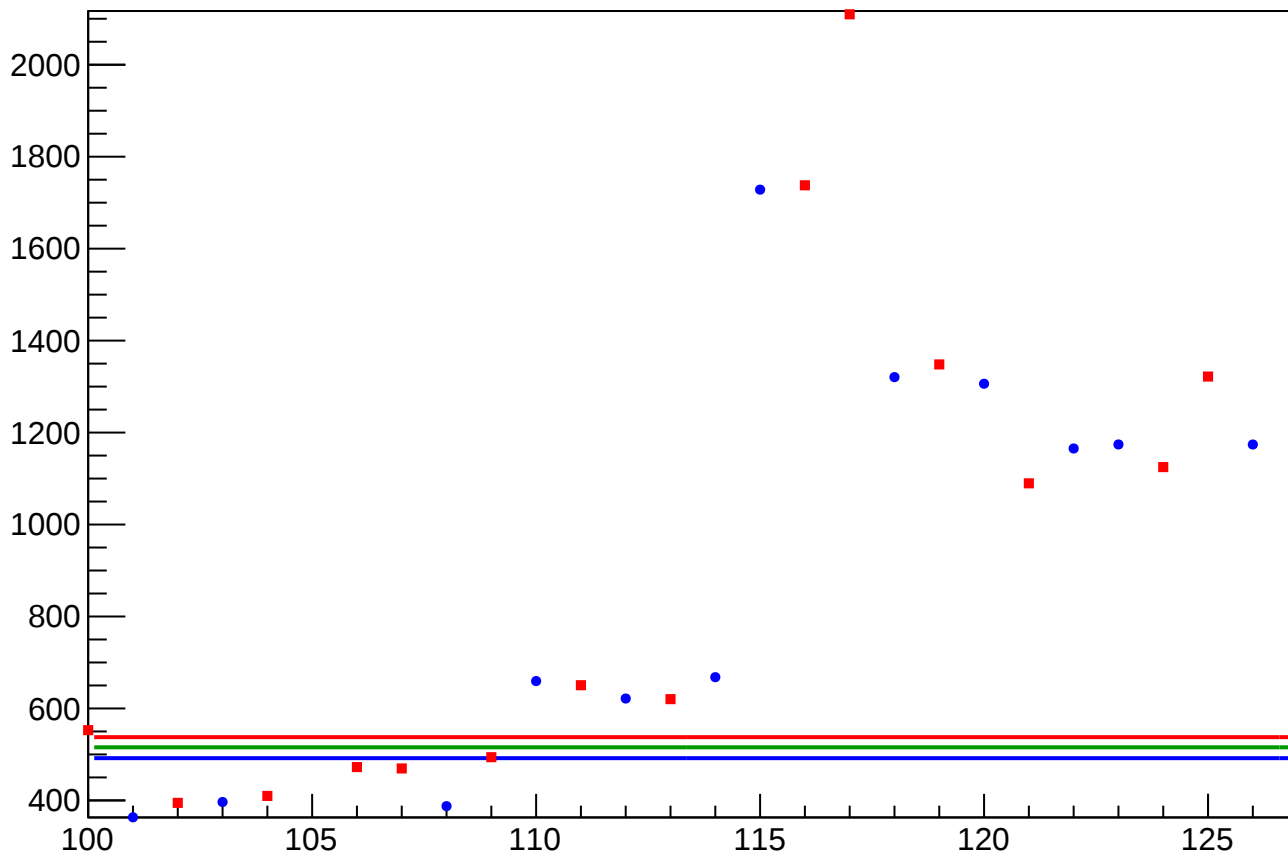
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-251.148+/-267.972 χ^2 /NDF: 10.3/11

-111.243+/-186.188 χ^2 /NDF: 28.9/26

19.331+/-258.882 χ^2 /NDF: 18.0/14

asym_sam6_rms vs Slug, Sign Corrected



Right In: 491.912+/-0.189 χ^2/NDF : 1669496.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.580+/-0.183 χ^2/NDF : 1809014.6/14

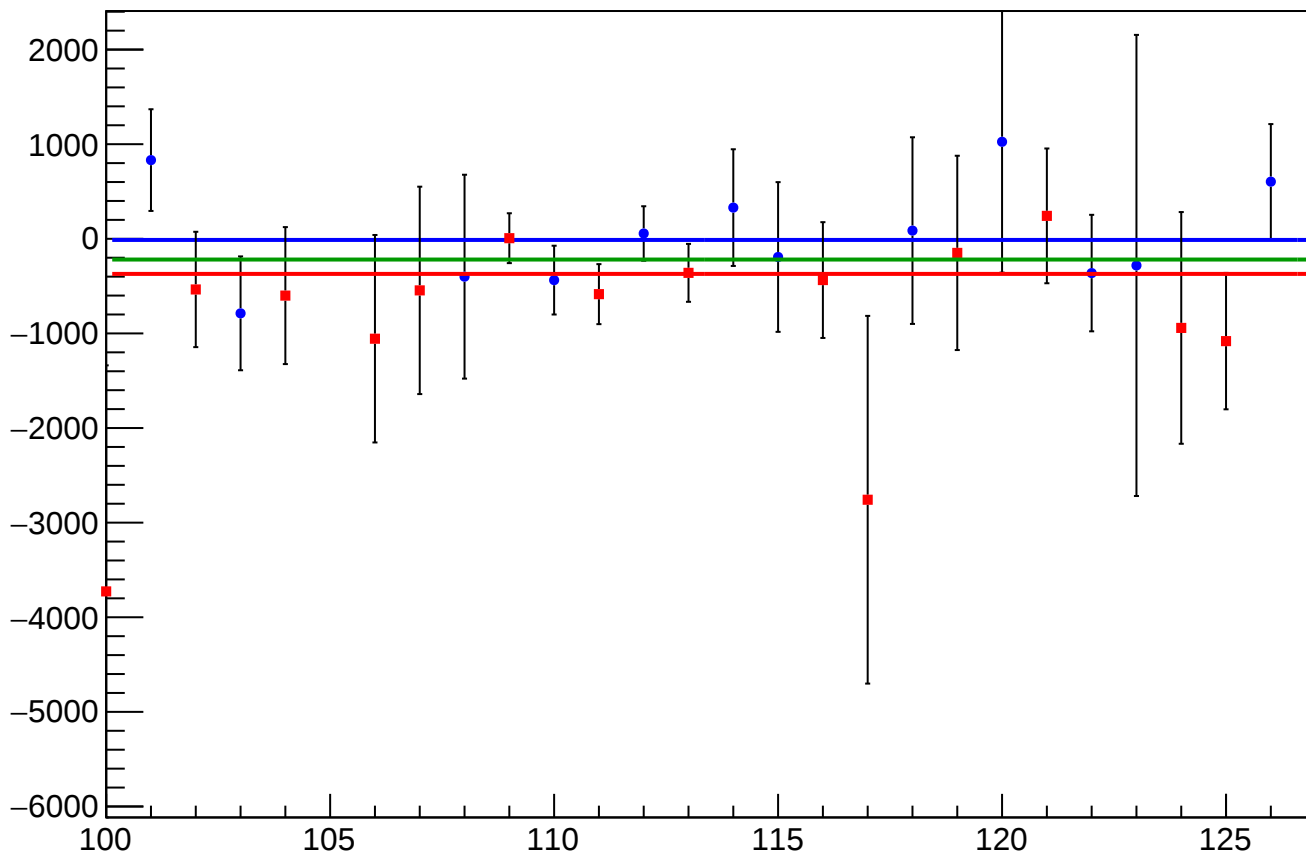
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

491.912+/-0.189 χ^2/NDF : 1669496.3/11

515.534+/-0.132 χ^2/NDF : 3508556.4/26

537.580+/-0.183 χ^2/NDF : 1809014.6/14

asym_sam7_mean vs Slug, Sign Corrected



Right In: -12.010 ± 162.219 χ^2/NDF : 8.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -371.015 ± 138.851 χ^2/NDF : 8.6/14

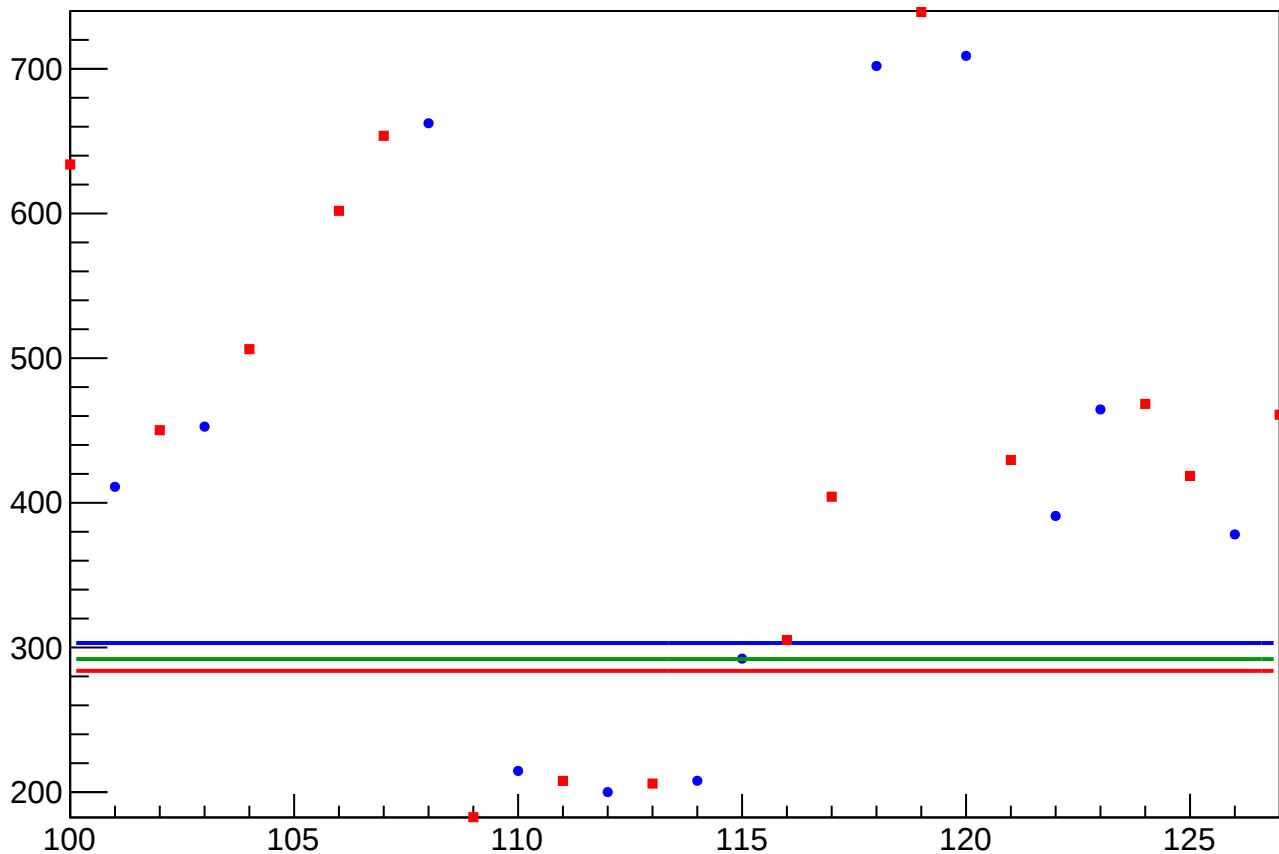
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.010 ± 162.219 χ^2/NDF : 8.0/11

-219.210 ± 105.486 χ^2/NDF : 19.4/26

-371.015 ± 138.851 χ^2/NDF : 8.6/14

asym_sam7_rms vs Slug, Sign Corrected



Right In: 303.103+/-0.115 χ^2/NDF : 1428836.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.848+/-0.098 χ^2/NDF : 2041845.9/14

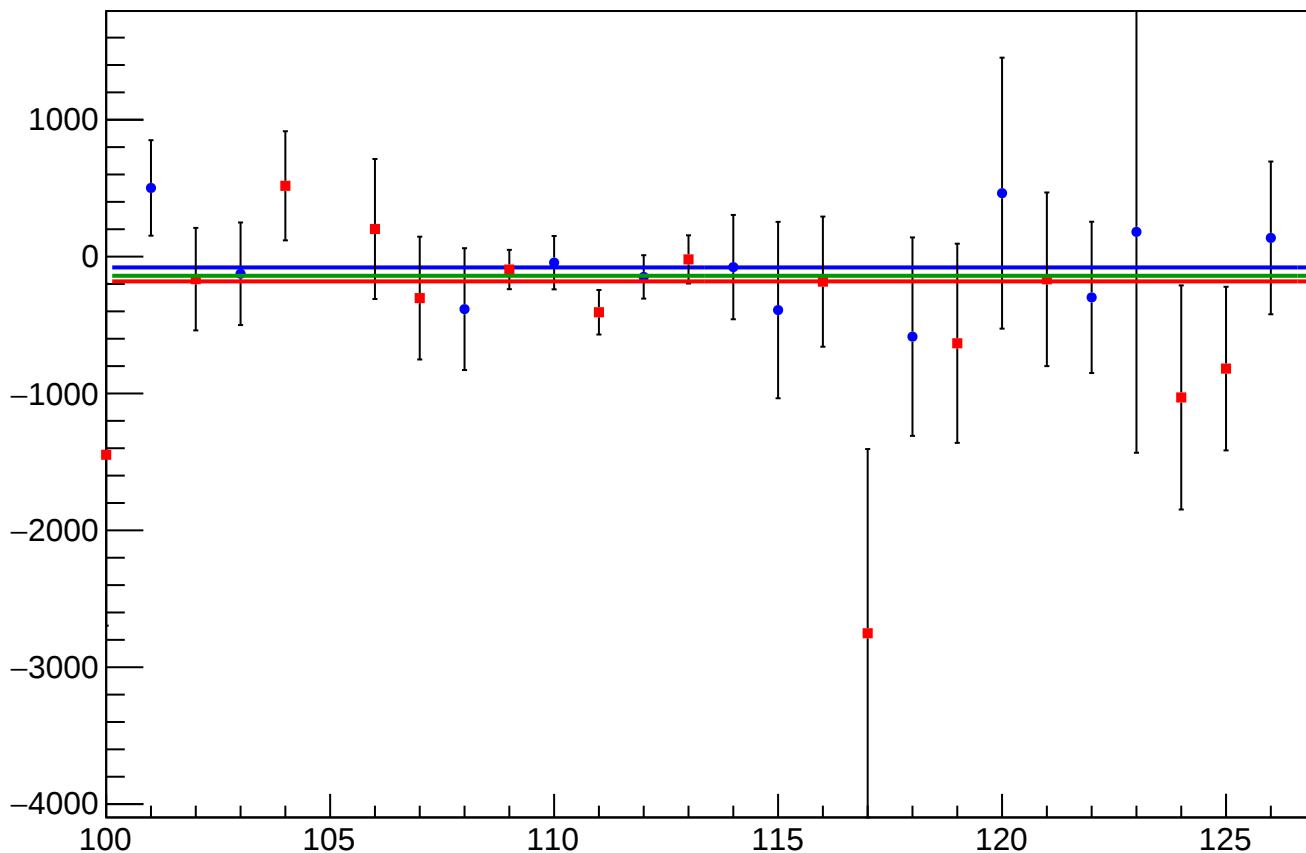
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

303.103+/-0.115 χ^2/NDF : 1428836.5/11

291.990+/-0.075 χ^2/NDF : 3486945.9/26

283.848+/-0.098 χ^2/NDF : 2041845.9/14

asym_sam8_mean vs Slug, Sign Corrected



Right In: -78.989 ± 97.351 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -180.945 ± 79.682 χ^2/NDF : 14.1/14

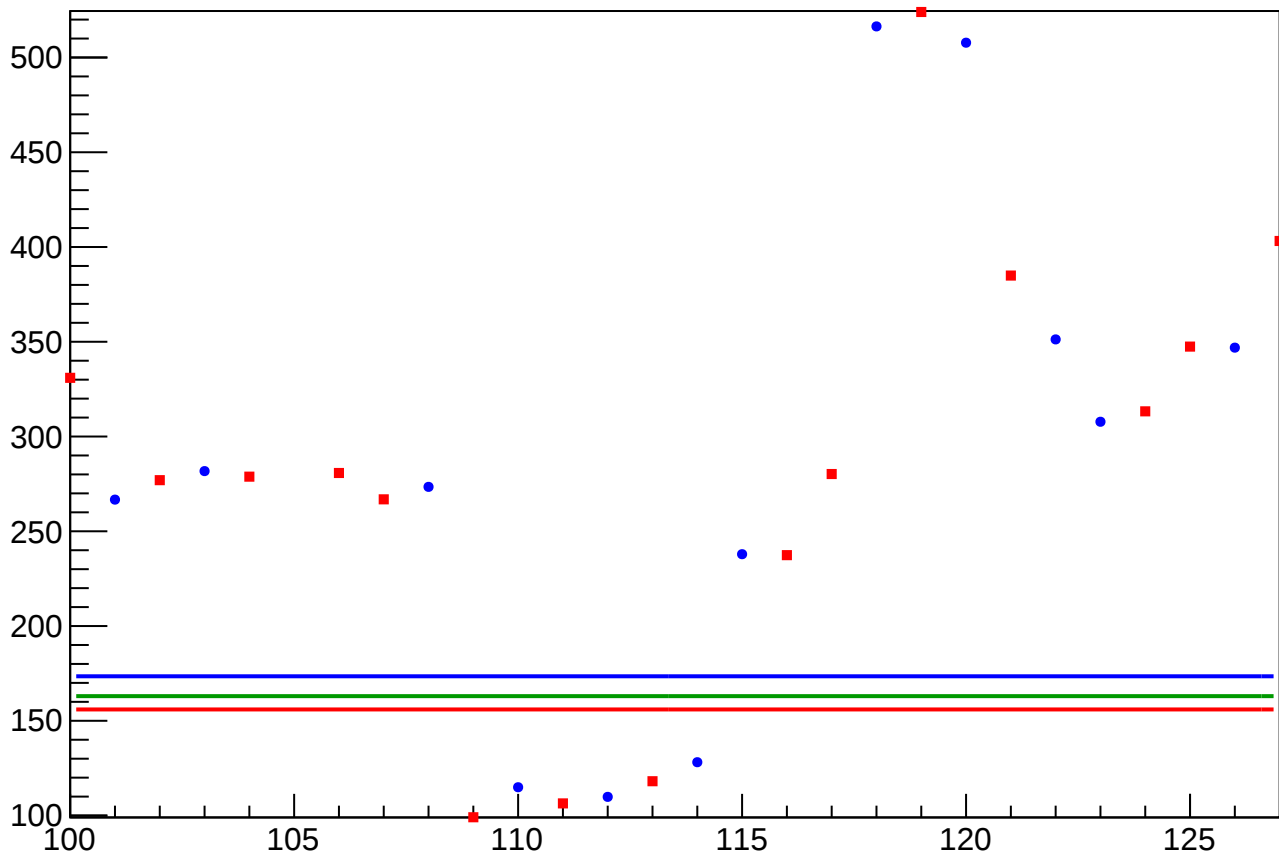
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-78.989 ± 97.351 χ^2/NDF : 4.8/11

-140.043 ± 61.661 χ^2/NDF : 19.6/26

-180.945 ± 79.682 χ^2/NDF : 14.1/14

asym_sam8_rms vs Slug, Sign Corrected



Right In: 173.485+/-0.069 χ^2/NDF : 2050644.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.986+/-0.056 χ^2/NDF : 2700843.2/14

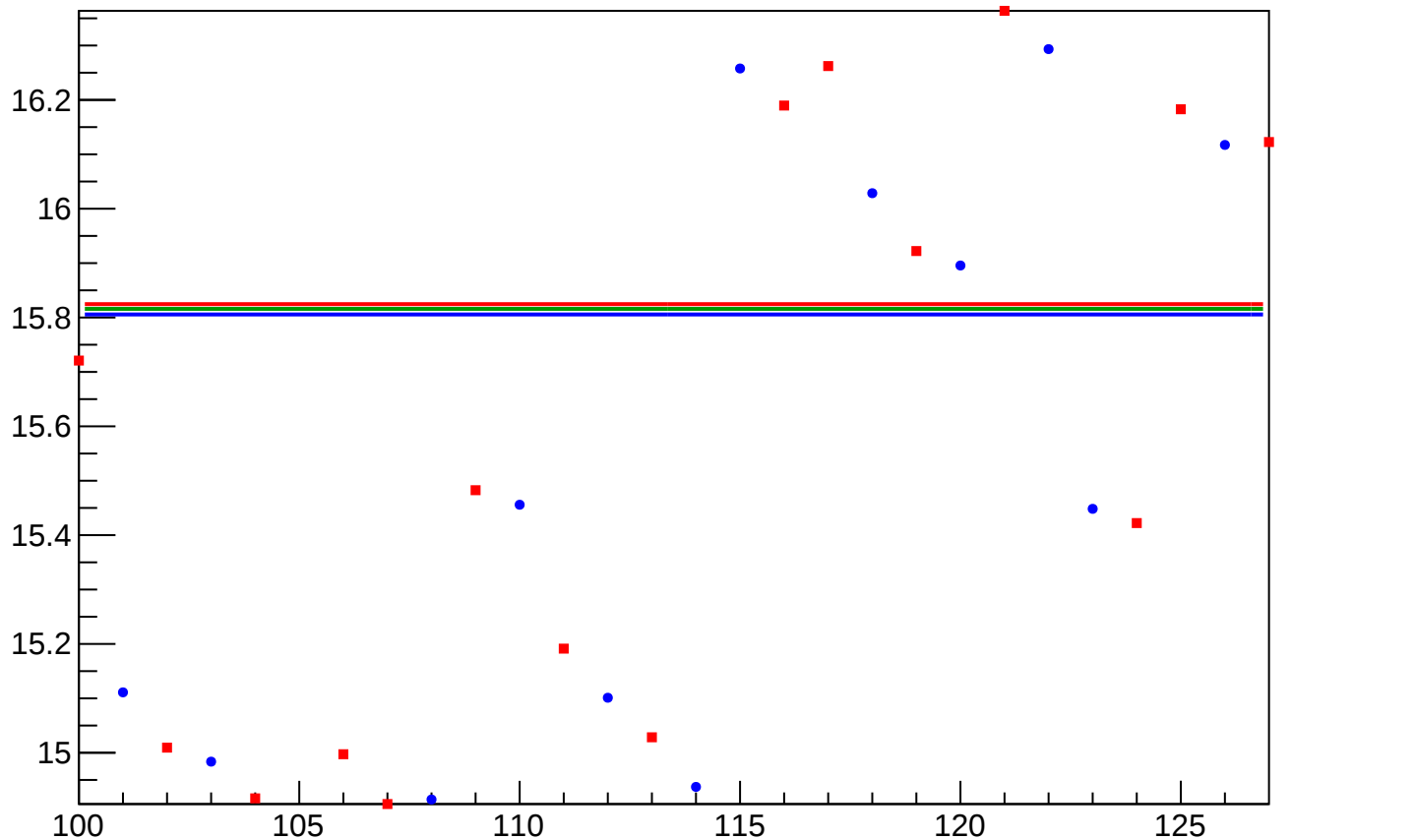
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

173.485+/-0.069 χ^2/NDF : 2050644.5/11

163.006+/-0.044 χ^2/NDF : 4790185.4/26

155.986+/-0.056 χ^2/NDF : 2700843.2/14

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.806+/-0.000 χ^2/NDF : 3269994417.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.825+/-0.000 χ^2/NDF : 4132904520.3/14

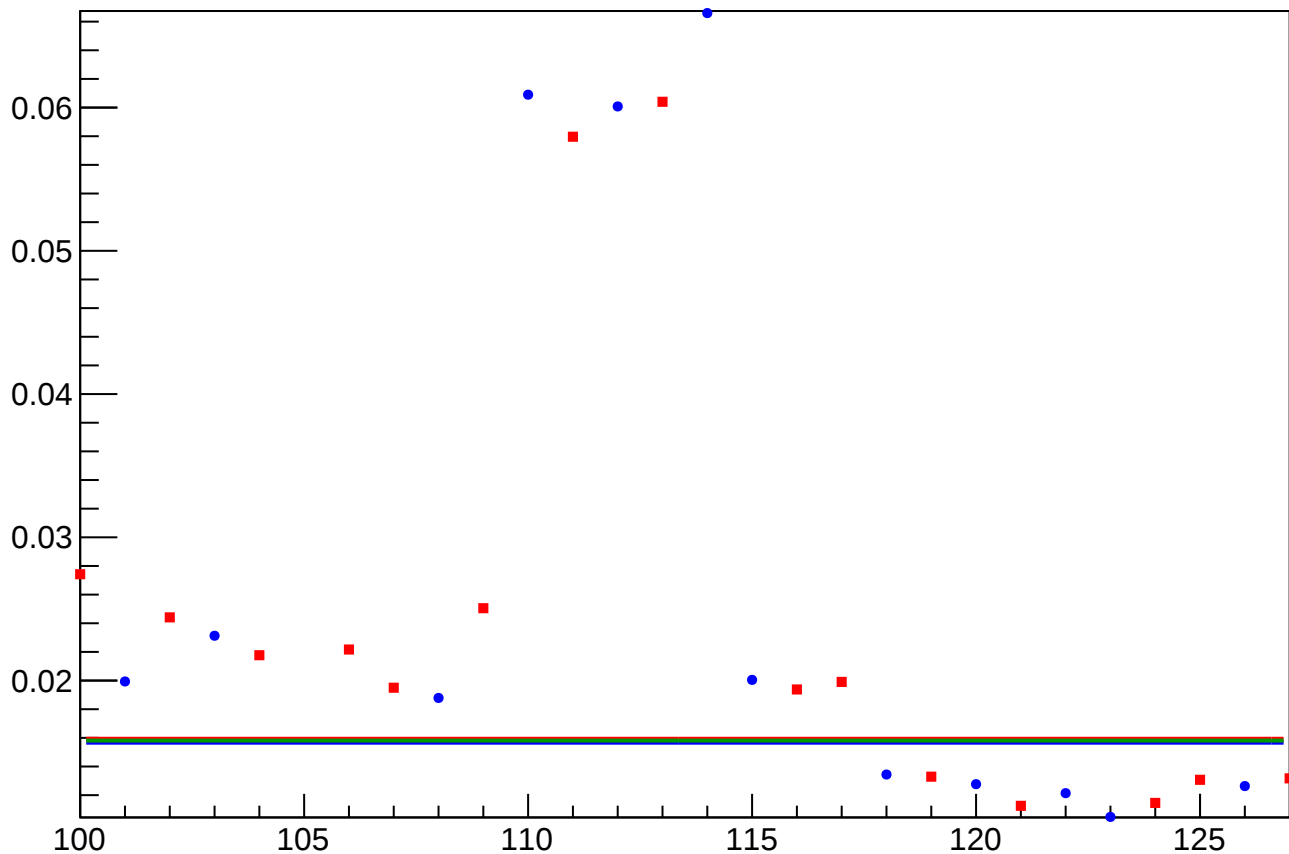
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.806+/-0.000 χ^2/NDF : 3269994417.6/11

15.816+/-0.000 χ^2/NDF : 7405499595.9/2

15.825+/-0.000 χ^2/NDF : 4132904520.3/14

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1334137.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1543524.2/14

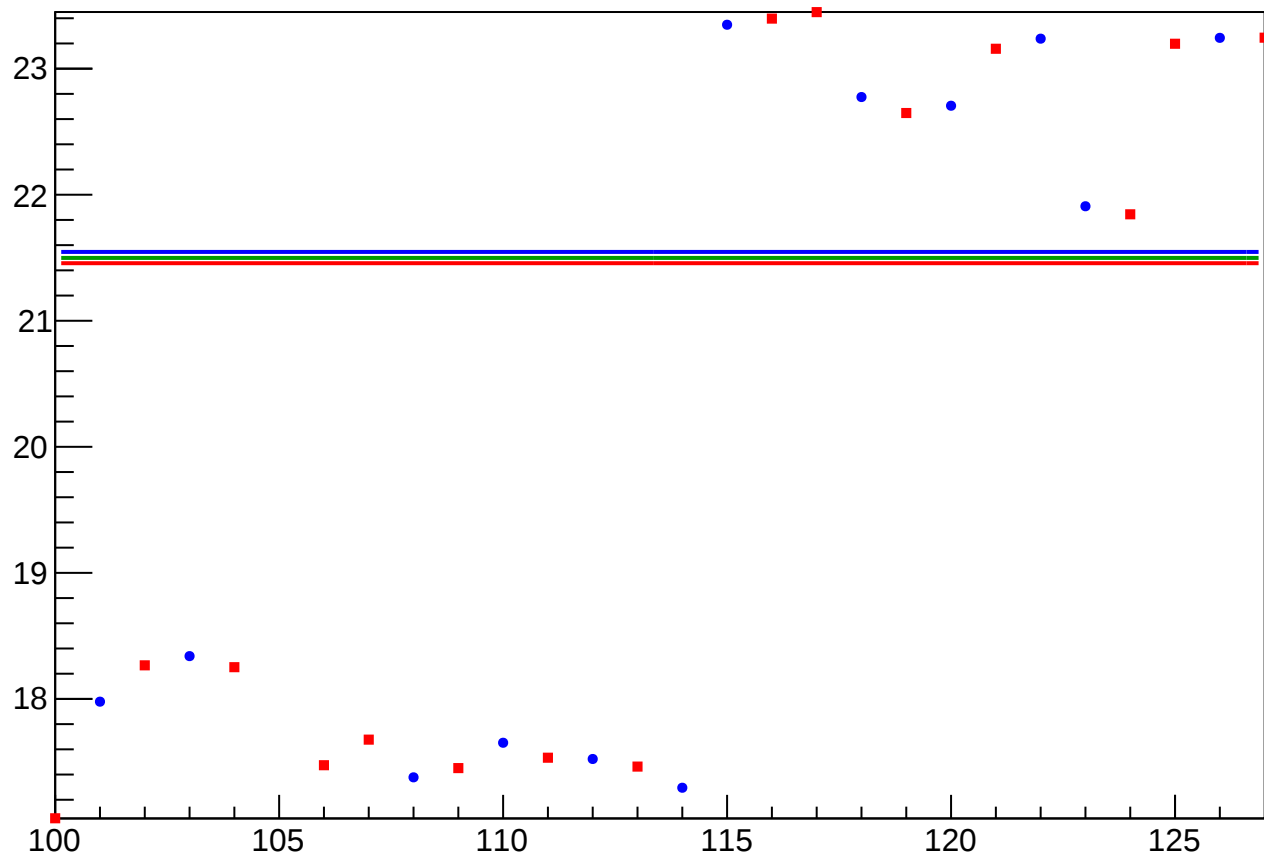
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 1334137.8/11

0.016+/-0.000 χ^2/NDF : 2878751.1/26

0.016+/-0.000 χ^2/NDF : 1543524.2/14

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.546+/-0.000 χ^2/NDF : 780988296.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.457+/-0.000 χ^2/NDF : 941616032.8/14

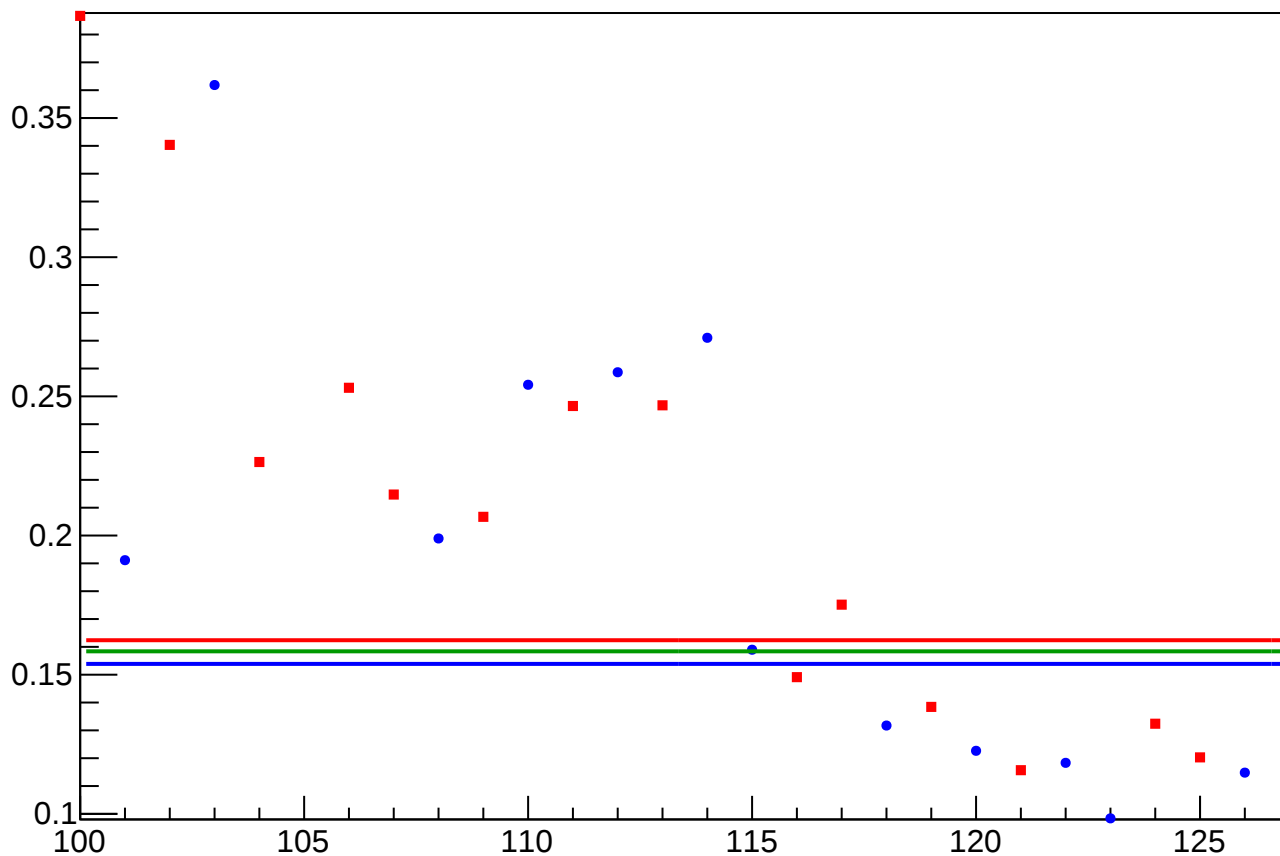
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.546+/-0.000 χ^2/NDF : 780988296.6/11

21.499+/-0.000 χ^2/NDF : 1723195978.7/2

21.457+/-0.000 χ^2/NDF : 941616032.8/14

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.154+/-0.000 χ^2/NDF : 939380.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.162+/-0.000 χ^2/NDF : 982371.5/14

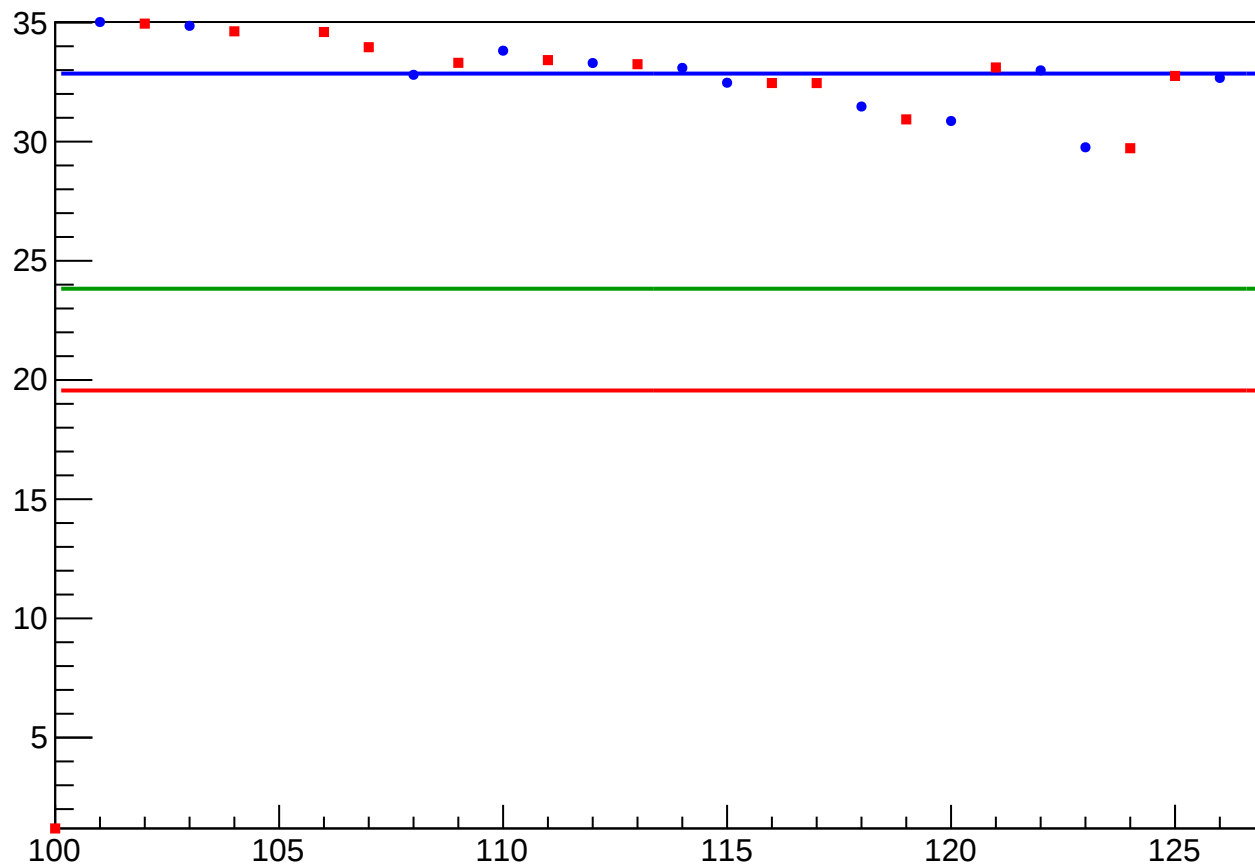
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.154+/-0.000 χ^2/NDF : 939380.4/11

0.158+/-0.000 χ^2/NDF : 1932453.2/26

0.162+/-0.000 χ^2/NDF : 982371.5/14

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.854+/-0.000 χ^2/NDF : 418112234.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.560+/-0.000 χ^2/NDF : 207971002442.7/14

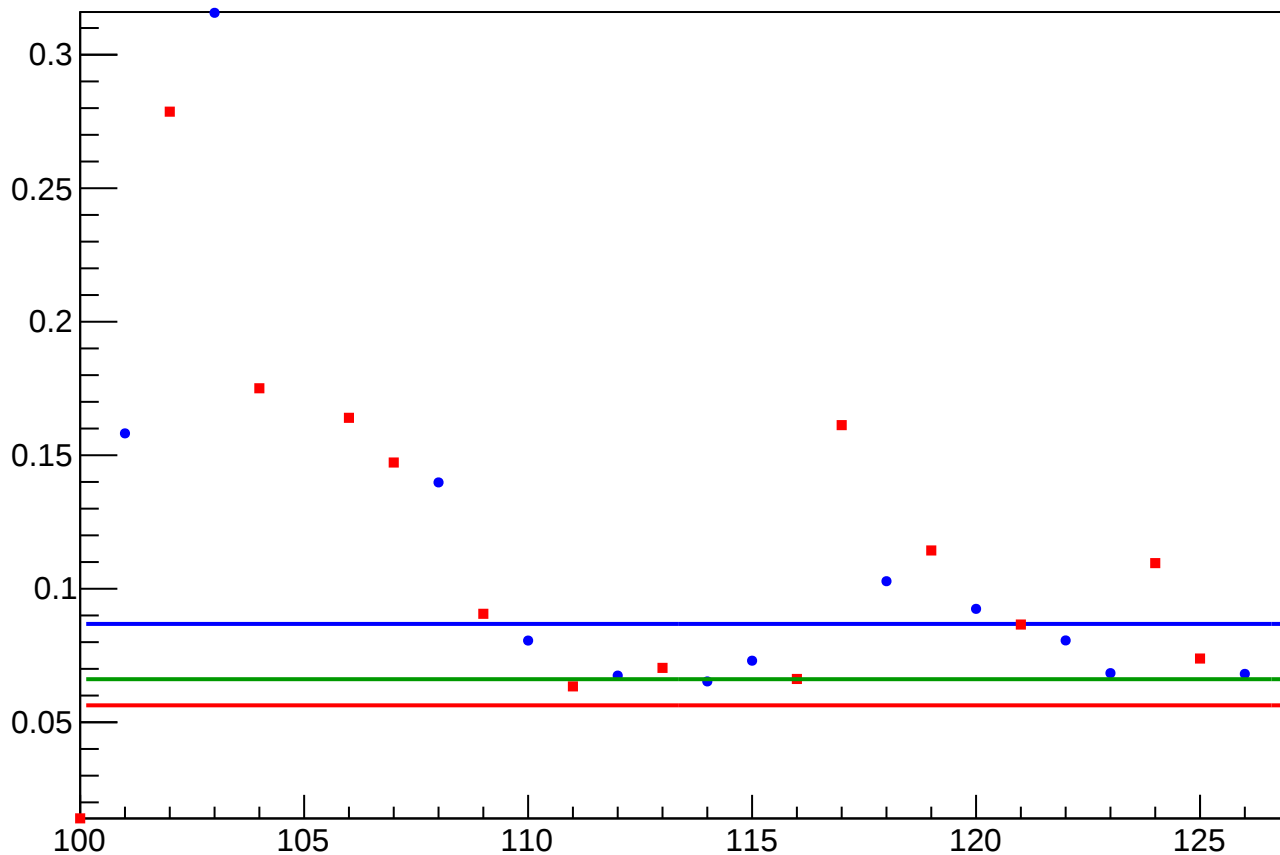
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.854+/-0.000 χ^2/NDF : 418112234.1/11

23.829+/-0.000 χ^2/NDF : 256267076056.2

19.560+/-0.000 χ^2/NDF : 207971002442.7/14

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 1043136.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.000 χ^2/NDF : 3326777.3/14

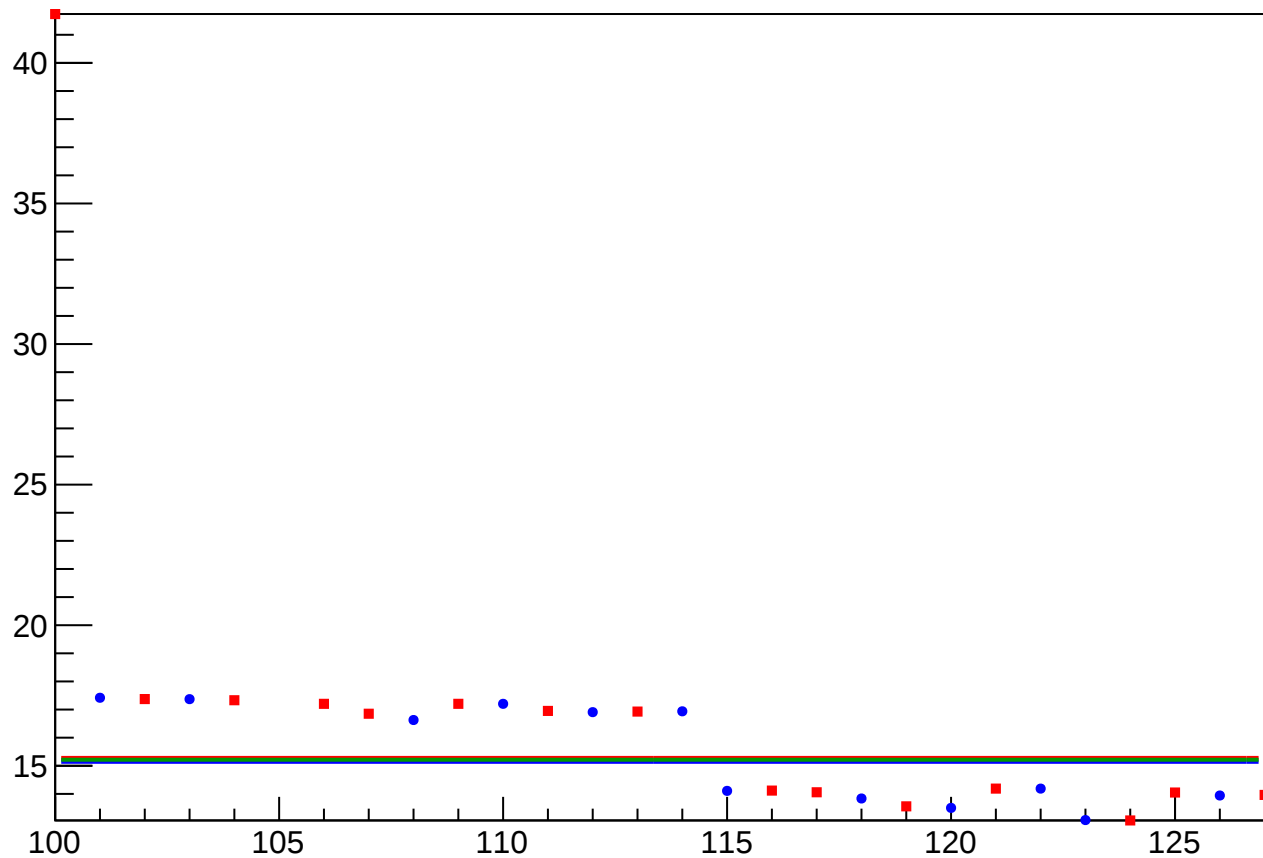
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 1043136.1/11

0.066+/-0.000 χ^2/NDF : 4873701.6/26

0.056+/-0.000 χ^2/NDF : 3326777.3/14

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.142+/-0.000 χ^2/NDF : 1123908768.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.280+/-0.000 χ^2/NDF : 1538084602.5/14

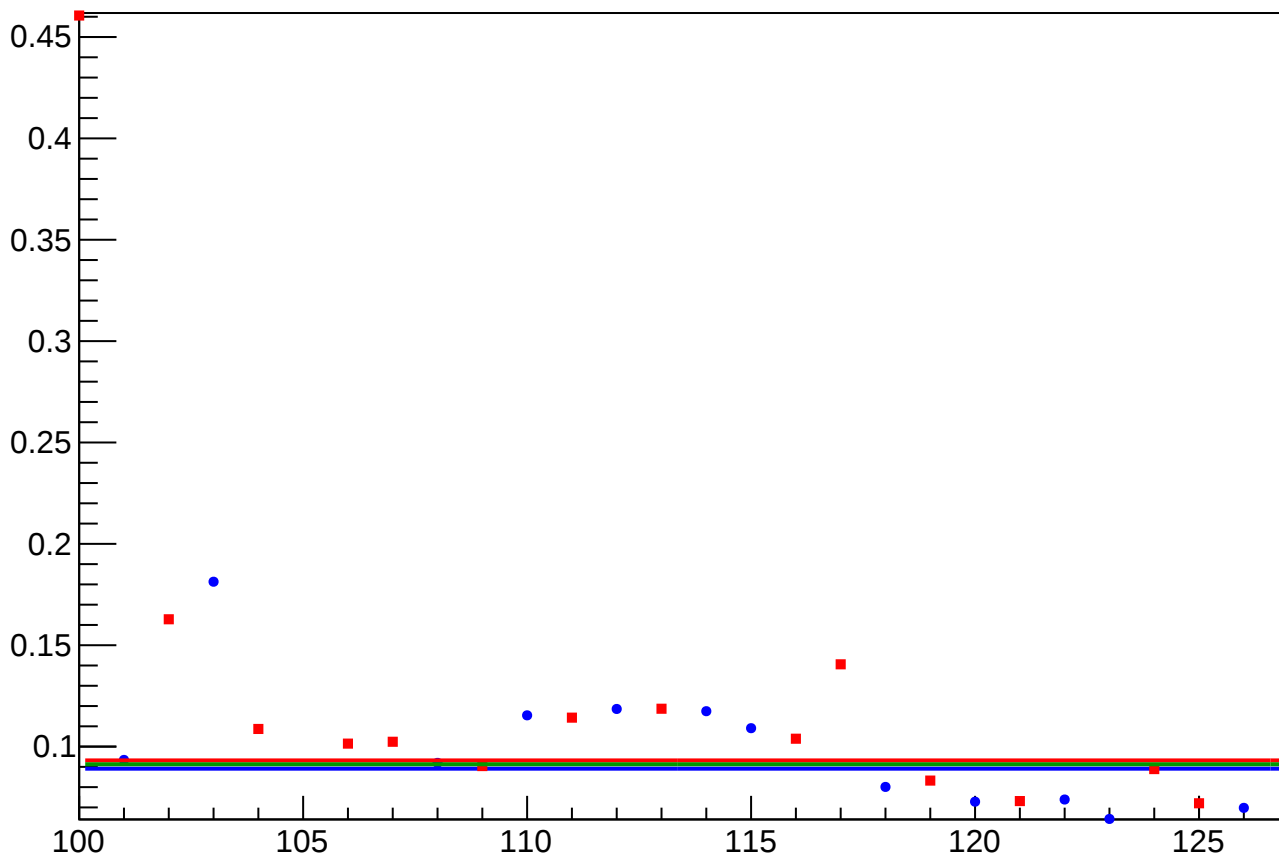
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.142+/-0.000 χ^2/NDF : 1123908768.6/11

15.216+/-0.000 χ^2/NDF : 2666524070.4/2

15.280+/-0.000 χ^2/NDF : 1538084602.5/14

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 527479.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 512305.1/14

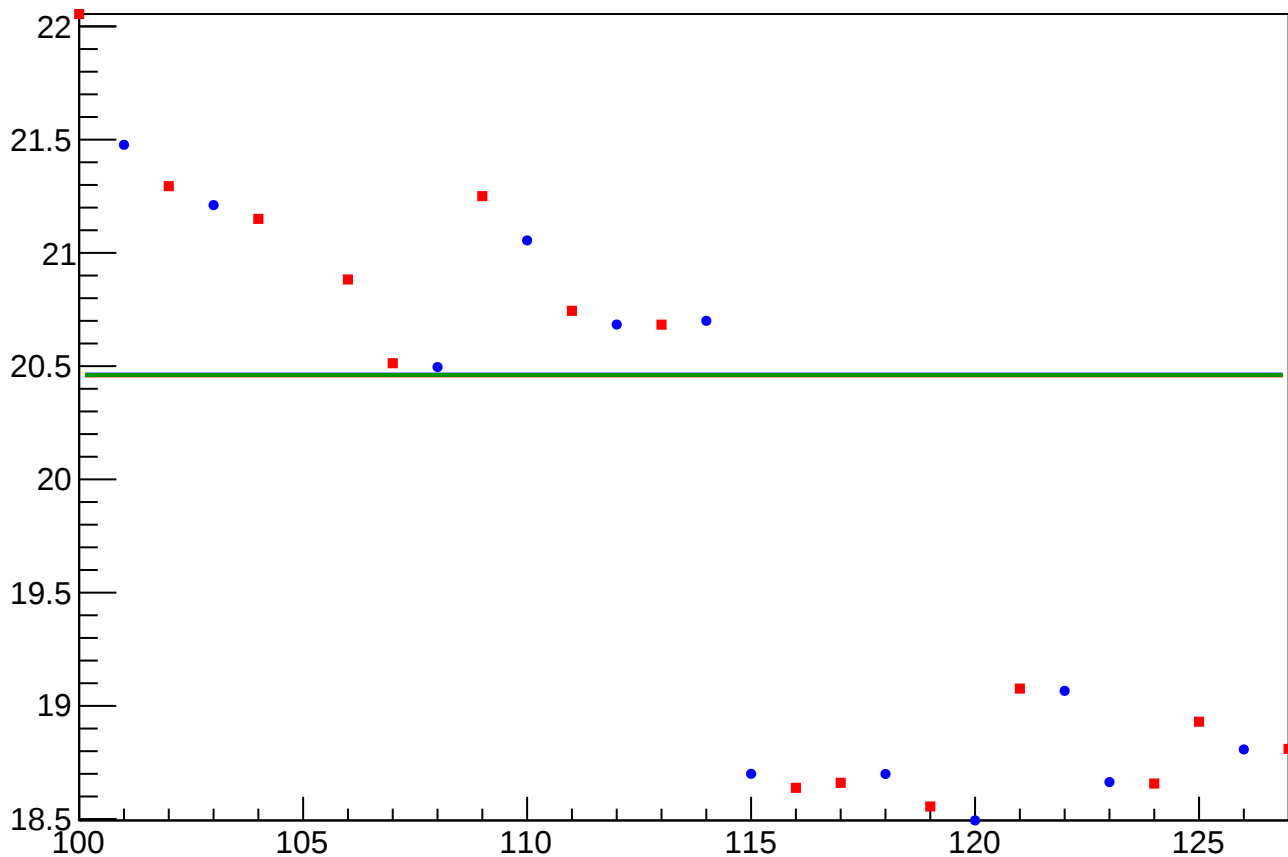
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 527479.5/11

0.091+/-0.000 χ^2/NDF : 1047599.4/26

0.093+/-0.000 χ^2/NDF : 512305.1/14

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.462+/-0.000 χ^2/NDF : 4734807097.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.459+/-0.000 χ^2/NDF : 4911925764.4/14

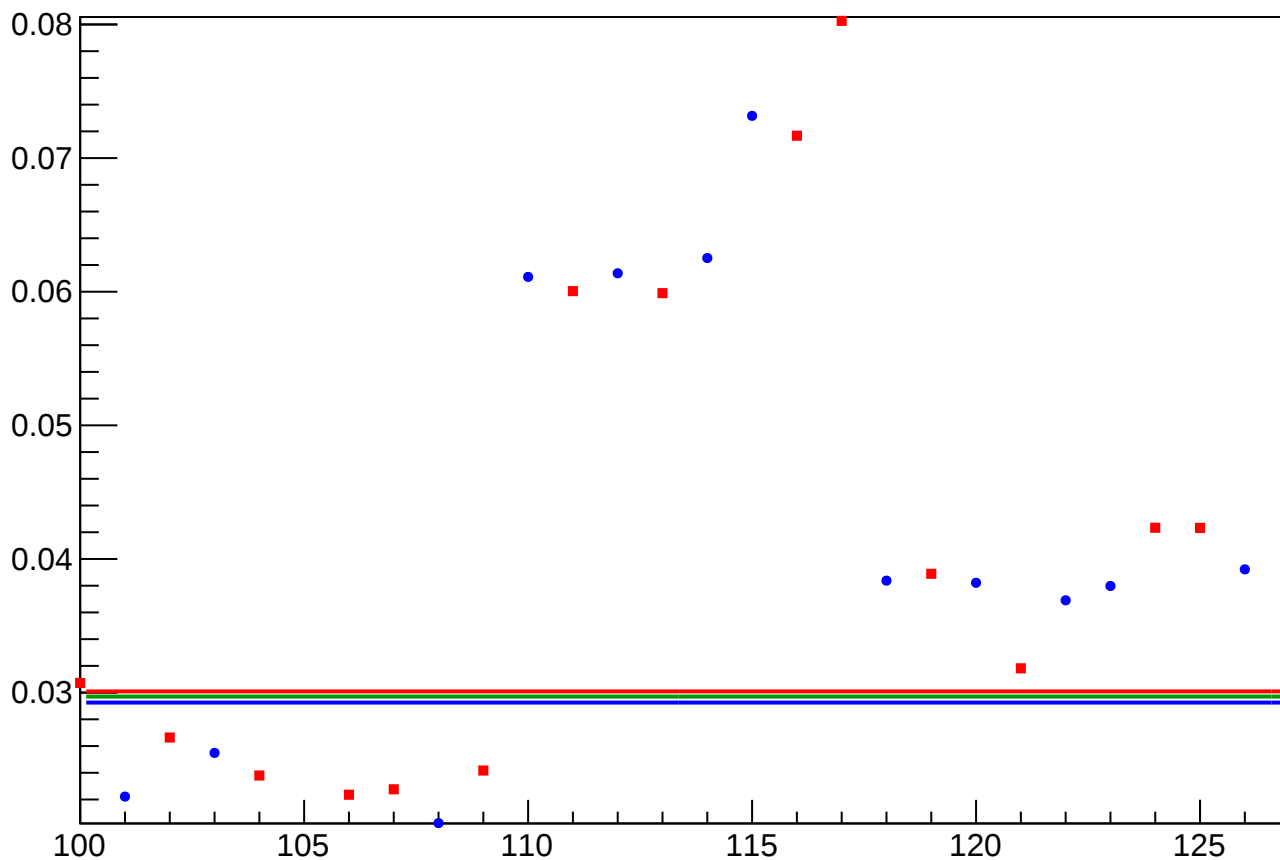
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.462+/-0.000 χ^2/NDF : 4734807097.3/11

20.461+/-0.000 χ^2/NDF : 9646757299.1/2

20.459+/-0.000 χ^2/NDF : 4911925764.4/14

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 1005895.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 1049304.7/14

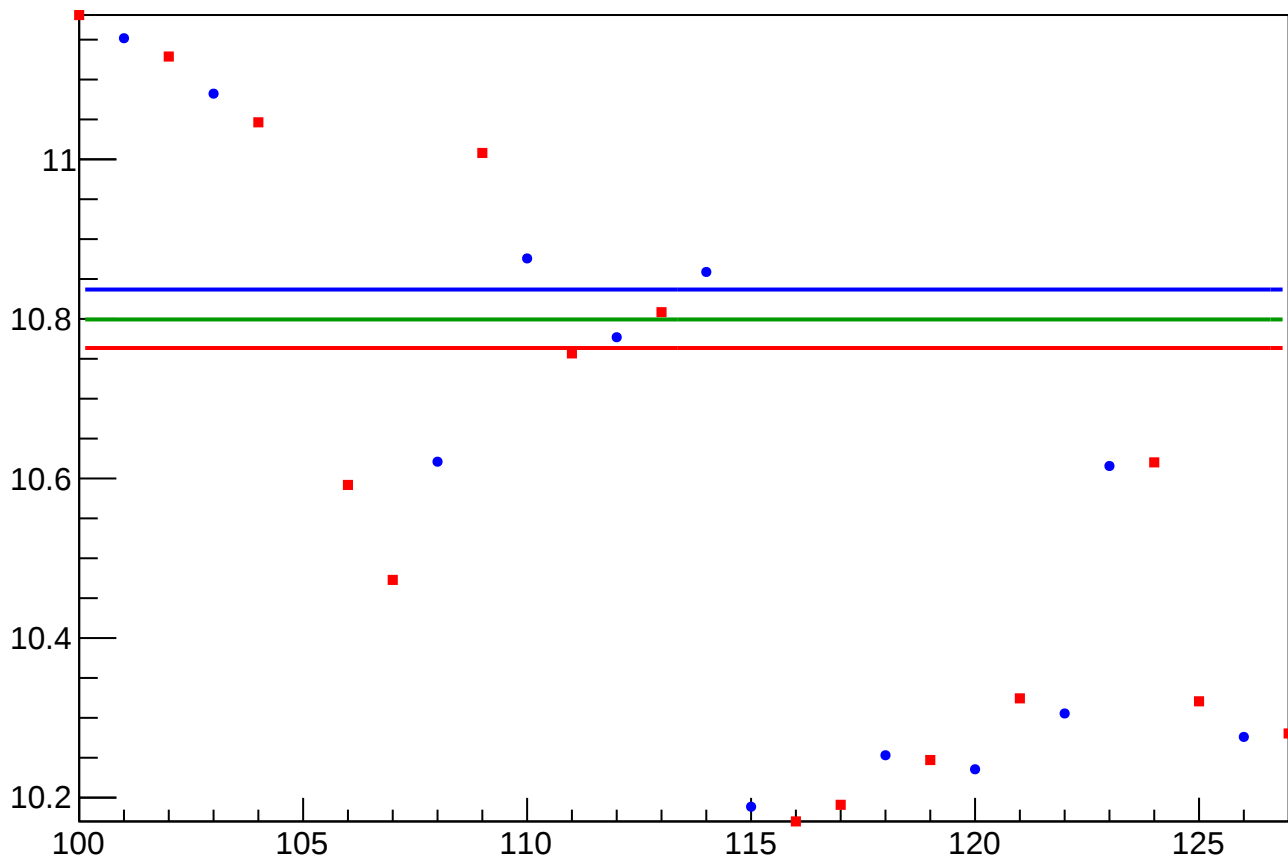
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 1005895.5/11

0.030+/-0.000 χ^2/NDF : 2058214.6/26

0.030+/-0.000 χ^2/NDF : 1049304.7/14

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.837+/-0.000 χ^2/NDF : 2292319540.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.764+/-0.000 χ^2/NDF : 2109741841.7/14

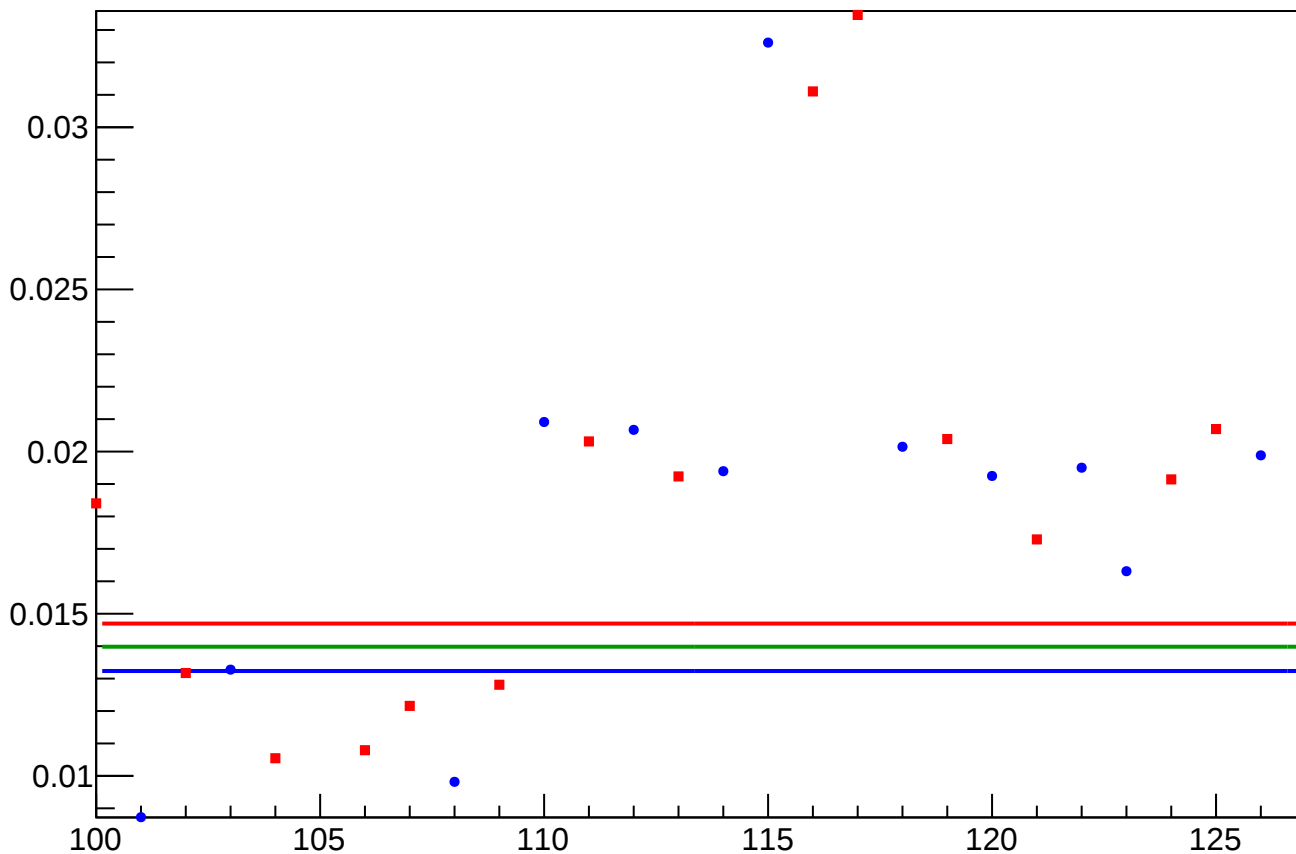
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.837+/-0.000 χ^2/NDF : 2292319540.7/11

10.799+/-0.000 χ^2/NDF : 4455175118.3/2

10.764+/-0.000 χ^2/NDF : 2109741841.7/14

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 994392.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 780251.4/14

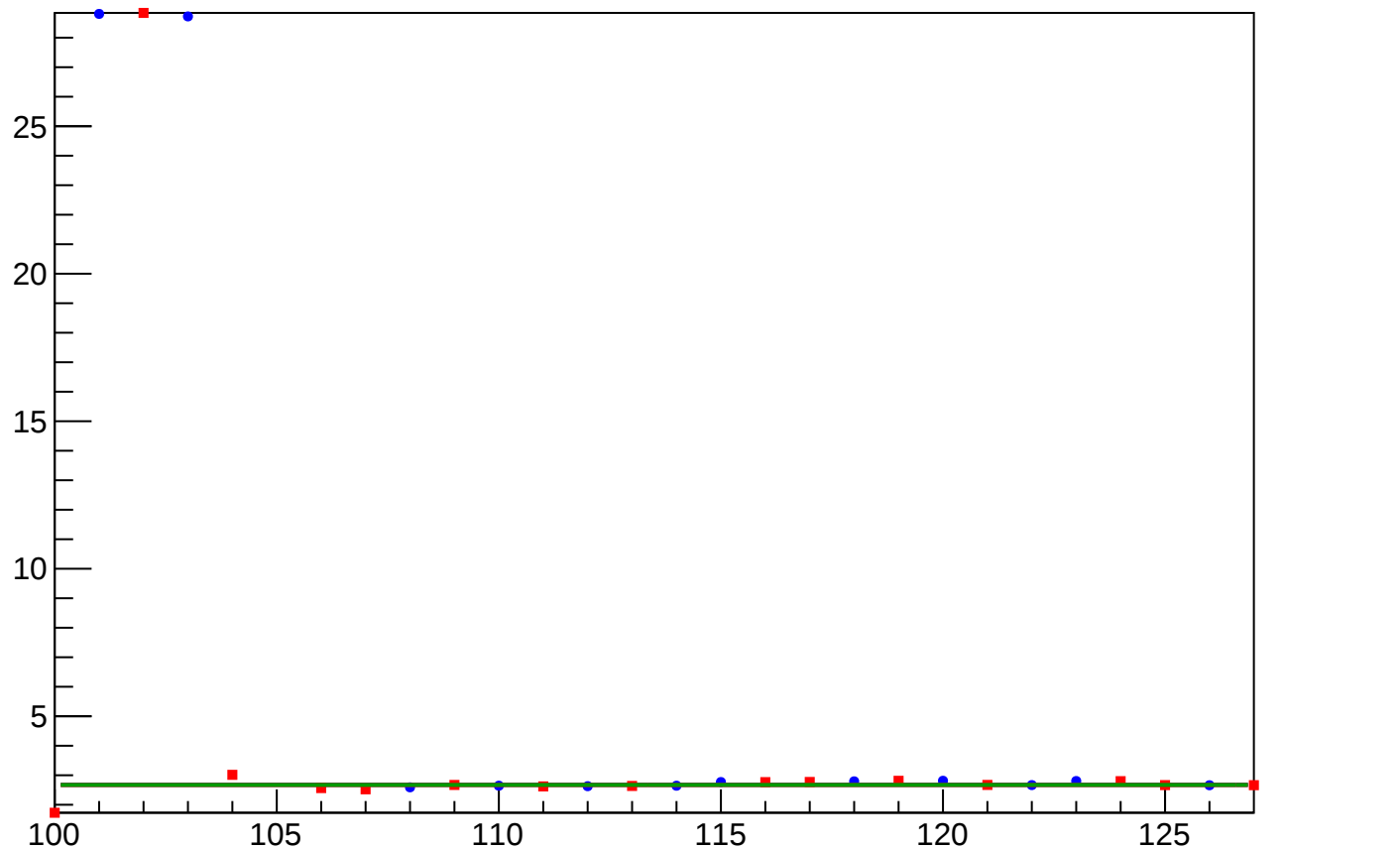
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 994392.5/11

0.014+/-0.000 χ^2/NDF : 1816922.4/26

0.015+/-0.000 χ^2/NDF : 780251.4/14

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.676+/-0.000 χ^2/NDF : 162059641430.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.670+/-0.000 χ^2/NDF : 69672991828.7/14

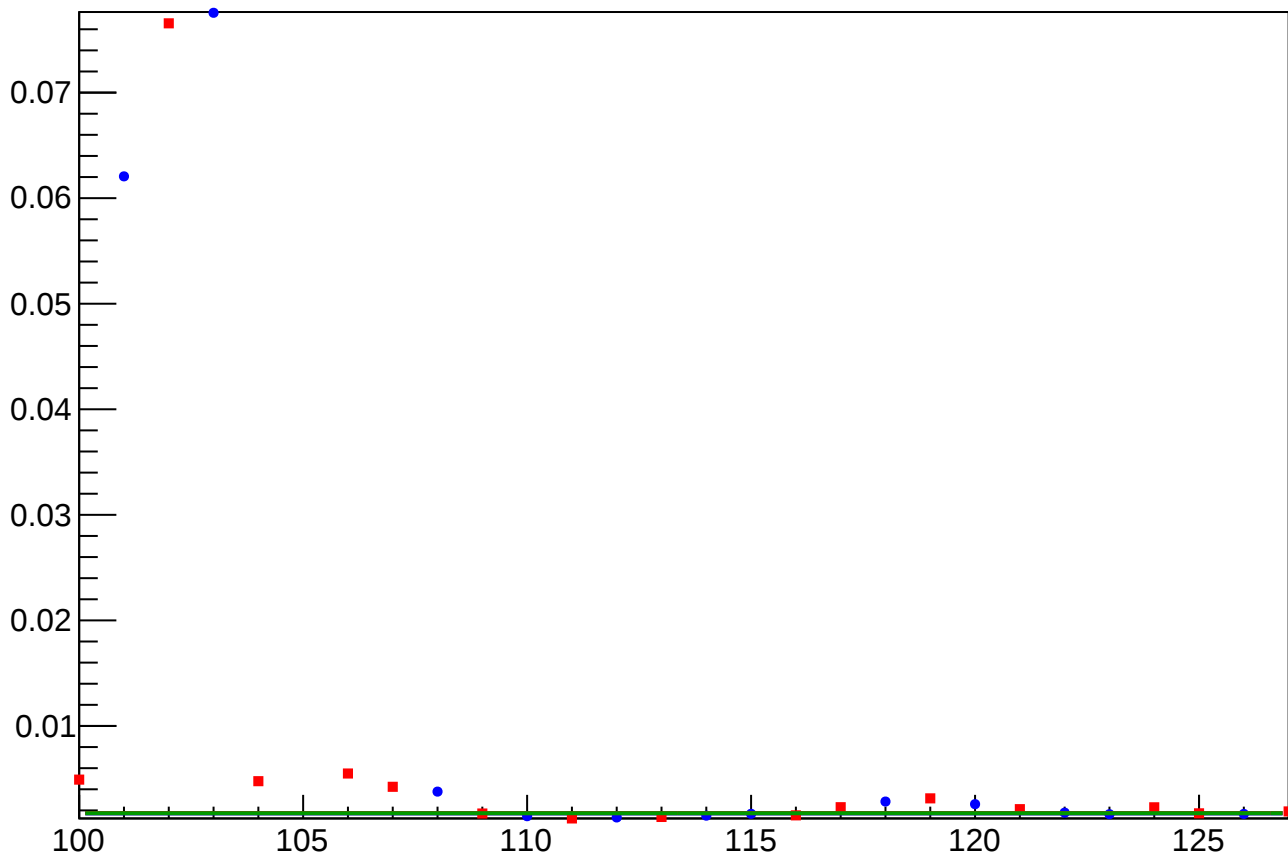
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.676+/-0.000 χ^2/NDF : 162059641430.2/11

2.672+/-0.000 χ^2/NDF : 231751235313.5/11

2.670+/-0.000 χ^2/NDF : 69672991828.7/14

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2571915.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2146394.4/14

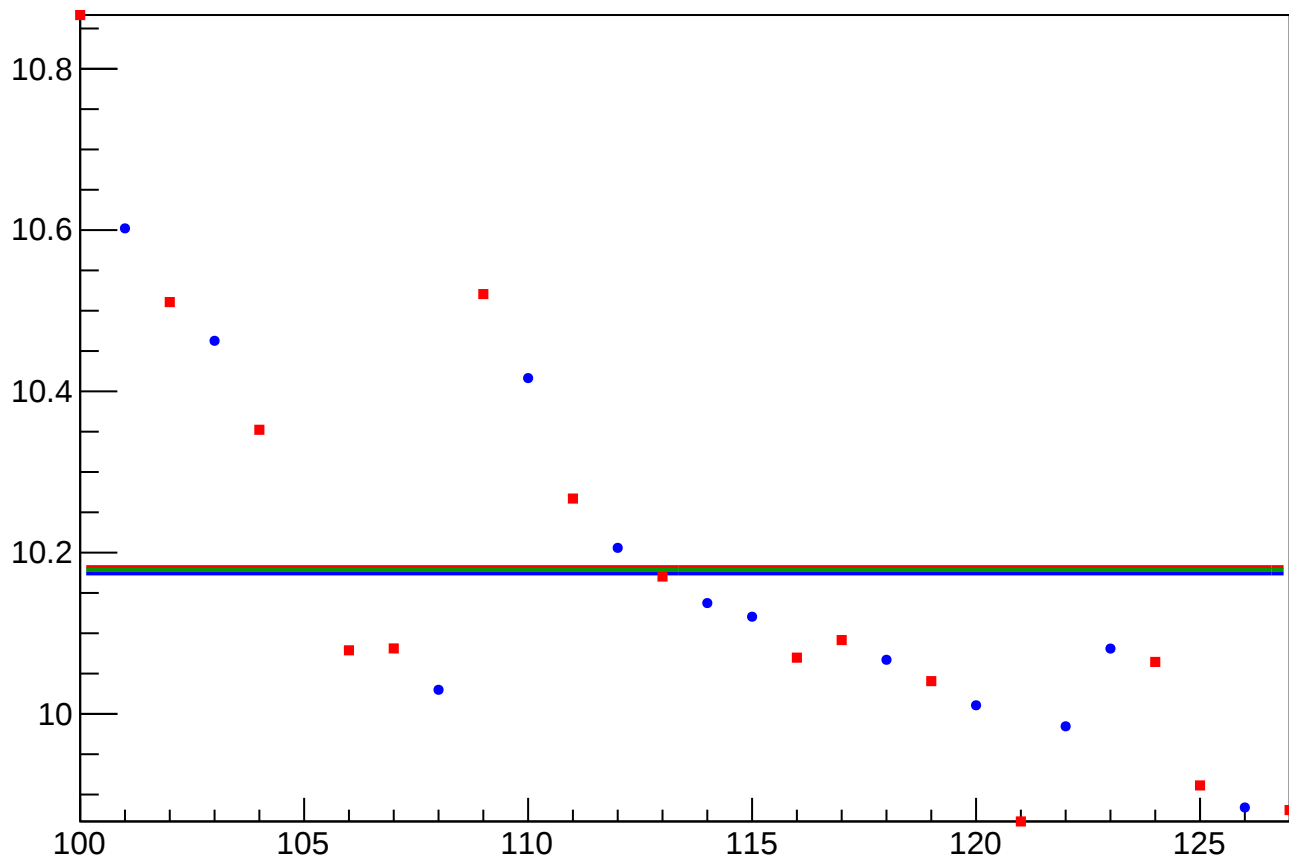
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2571915.2/11

0.002+/-0.000 χ^2/NDF : 4719181.5/26

0.002+/-0.000 χ^2/NDF : 2146394.4/14

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.174+/-0.000 χ^2/NDF : 4068907245.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.182+/-0.000 χ^2/NDF : 5620094260.0/14

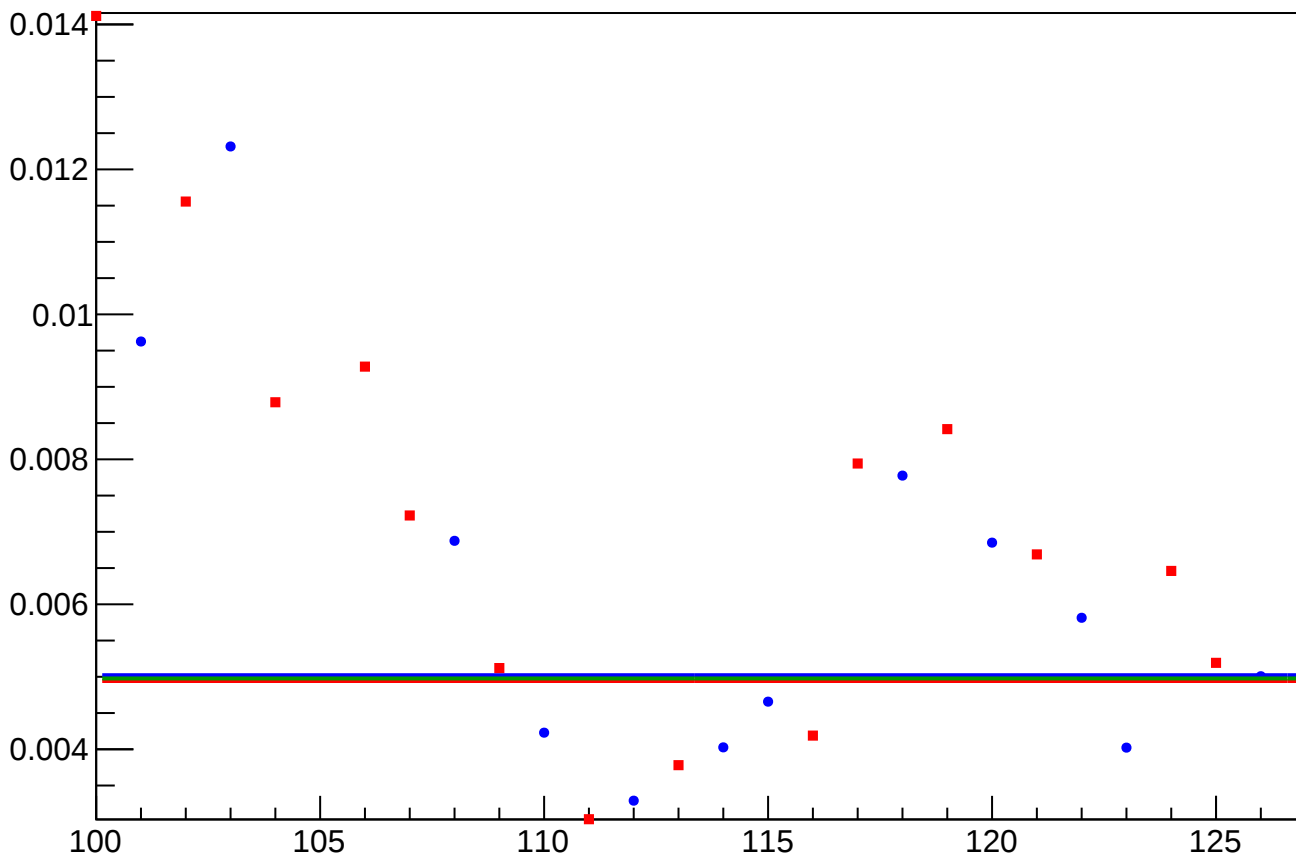
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.174+/-0.000 χ^2/NDF : 4068907245.9/11

10.179+/-0.000 χ^2/NDF : 9693230851.9/2

10.182+/-0.000 χ^2/NDF : 5620094260.0/14

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1100516.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1388431.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1100516.7/11

0.005+/-0.000 χ^2/NDF : 2489836.8/26

0.005+/-0.000 χ^2/NDF : 1388431.7/14

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

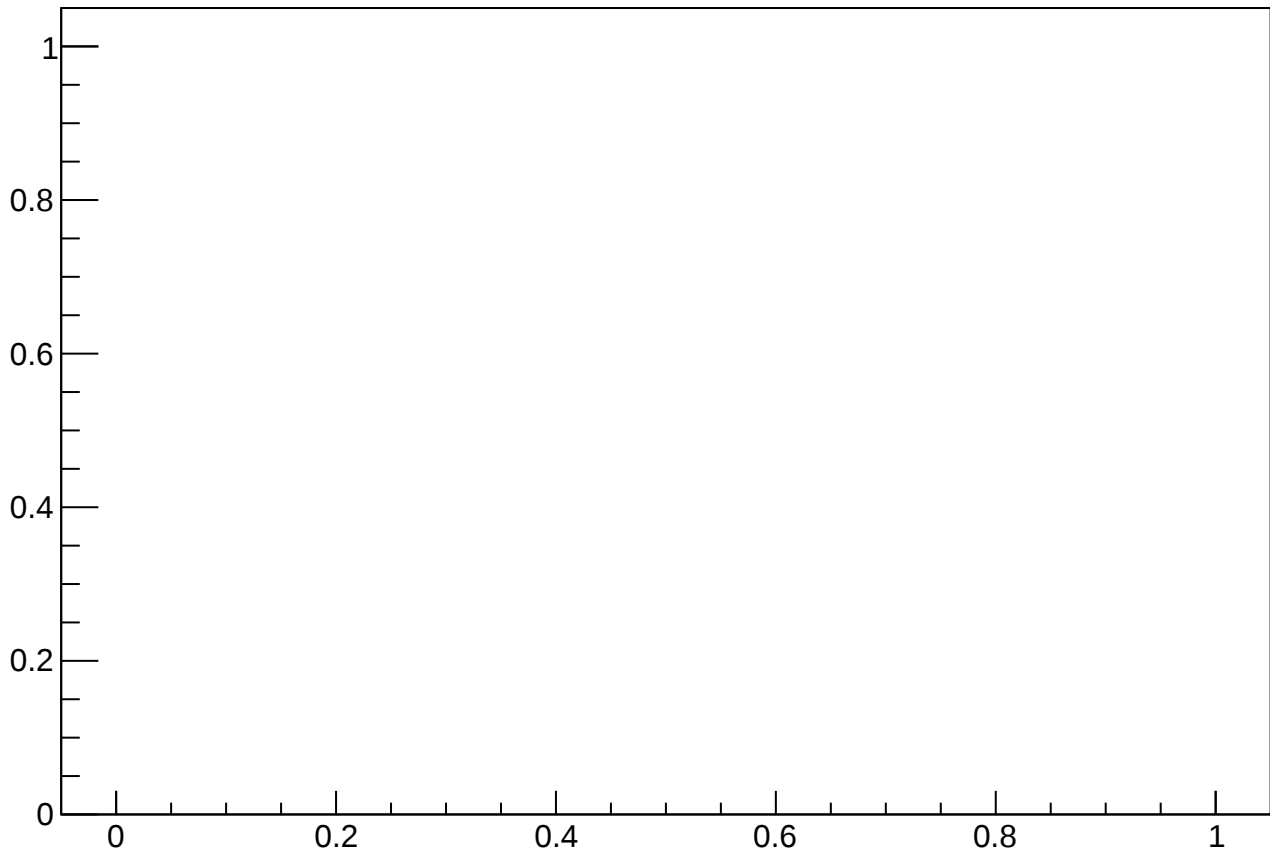
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-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

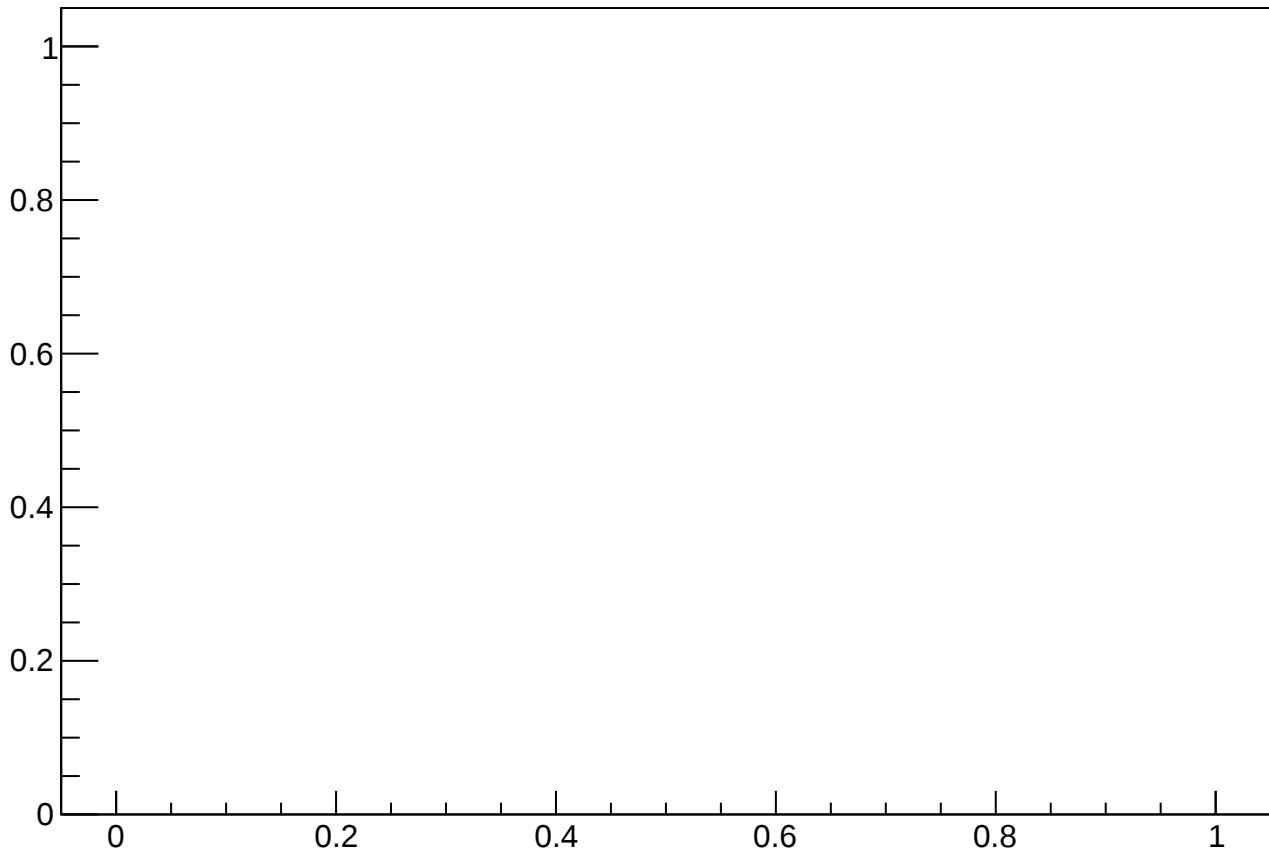
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

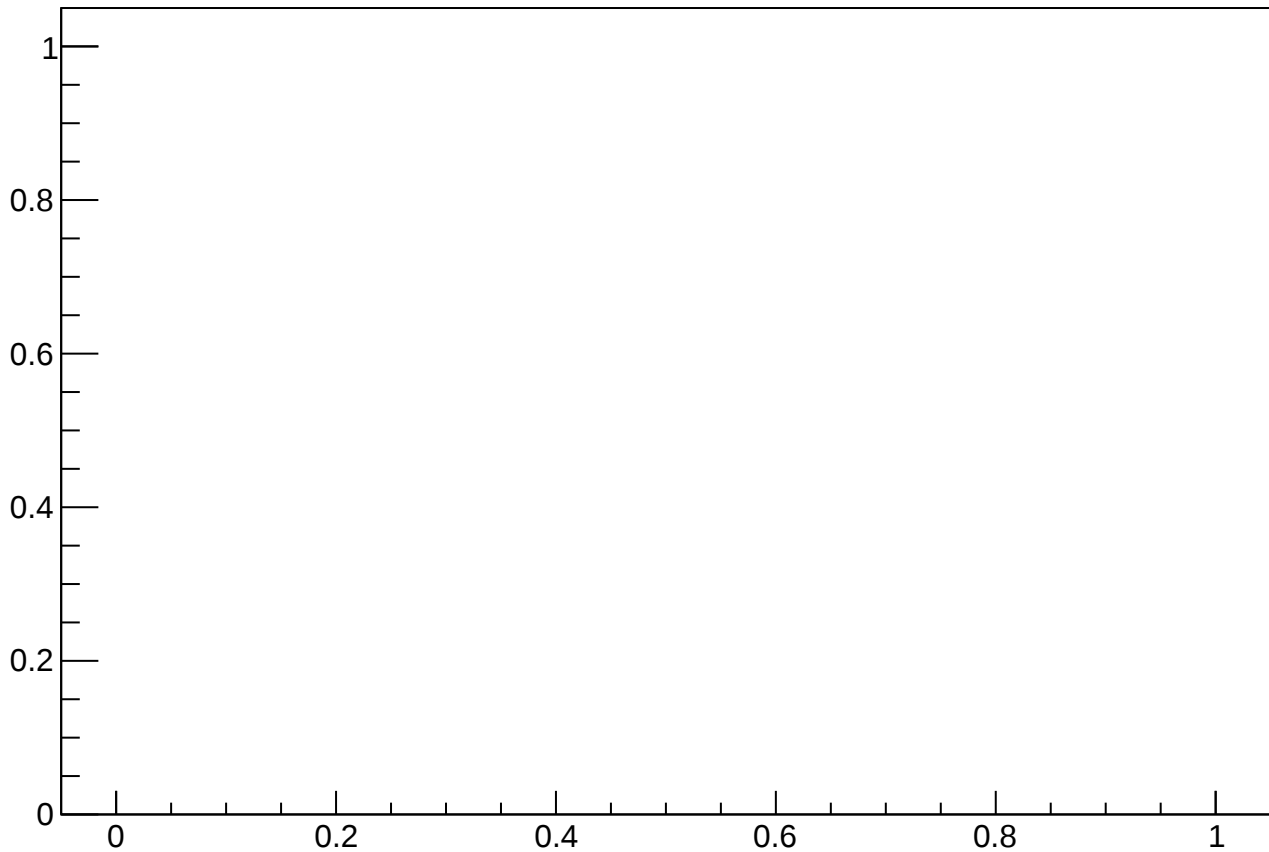
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_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

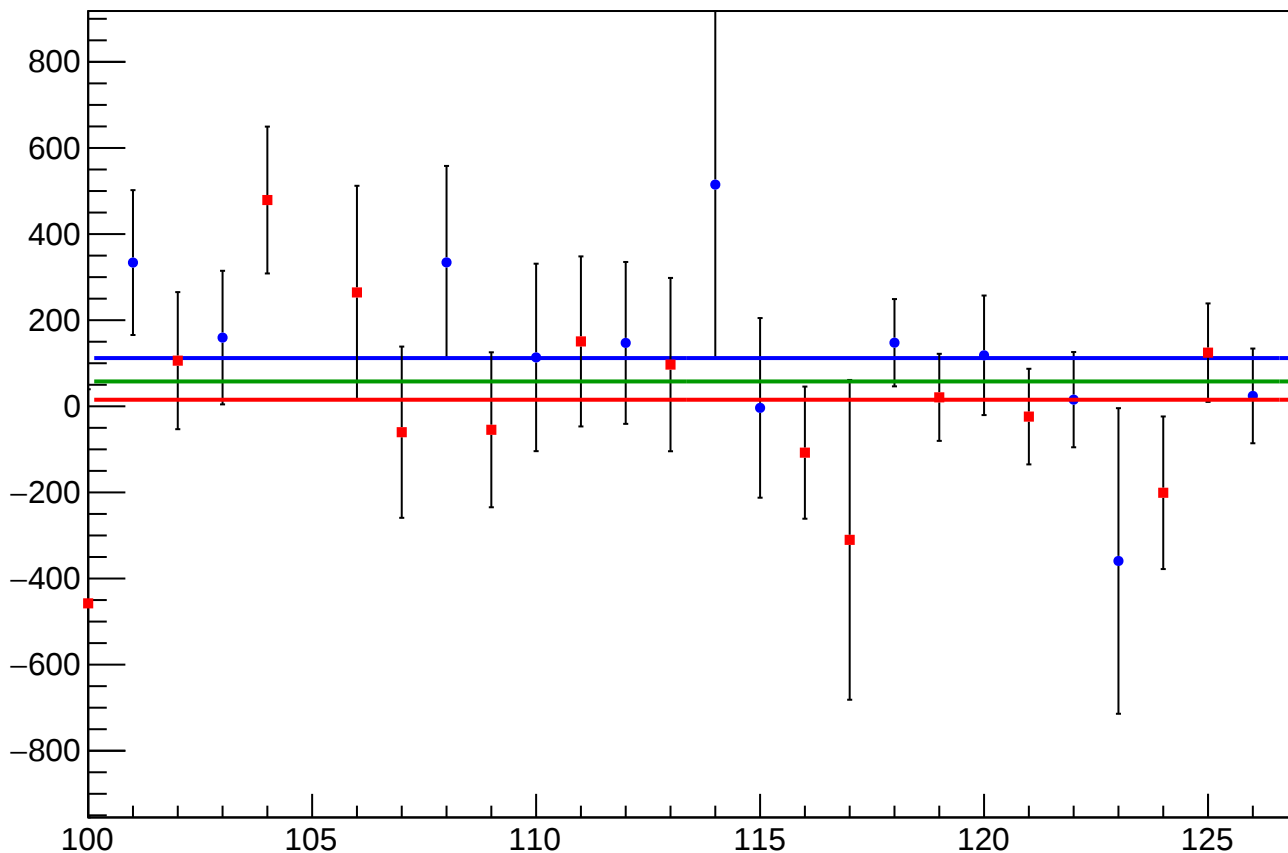
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 112.019 $\pm$ 44.864 χ^2 /NDF: 7.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.244 $\pm$ 39.694 χ^2 /NDF: 16.6/14

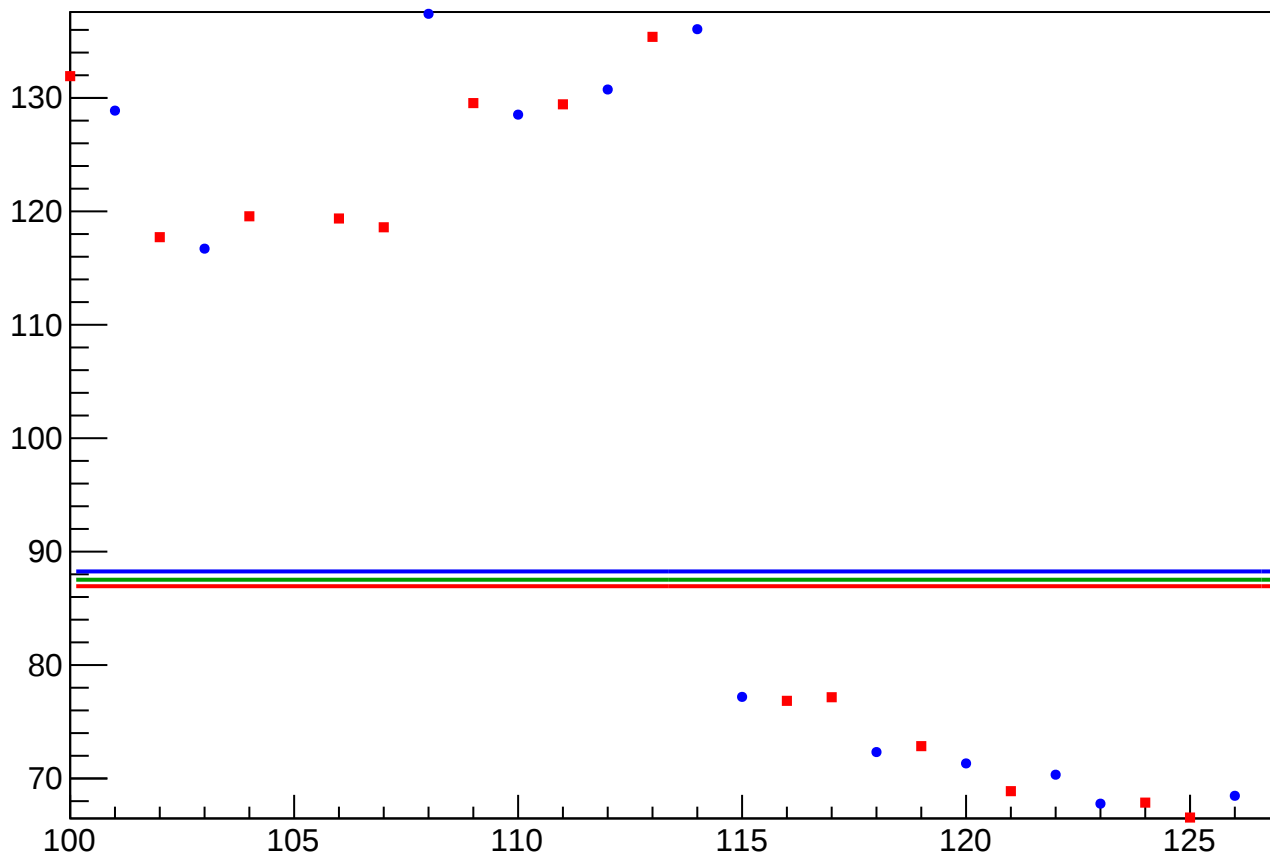
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

112.019 $\pm$ 44.864 χ^2 /NDF: 7.4/11

57.737 $\pm$ 29.729 χ^2 /NDF: 26.7/26

15.244 $\pm$ 39.694 χ^2 /NDF: 16.6/14

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 88.254+/-0.032 χ^2/NDF : 687567.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.951+/-0.028 χ^2/NDF : 835410.4/14

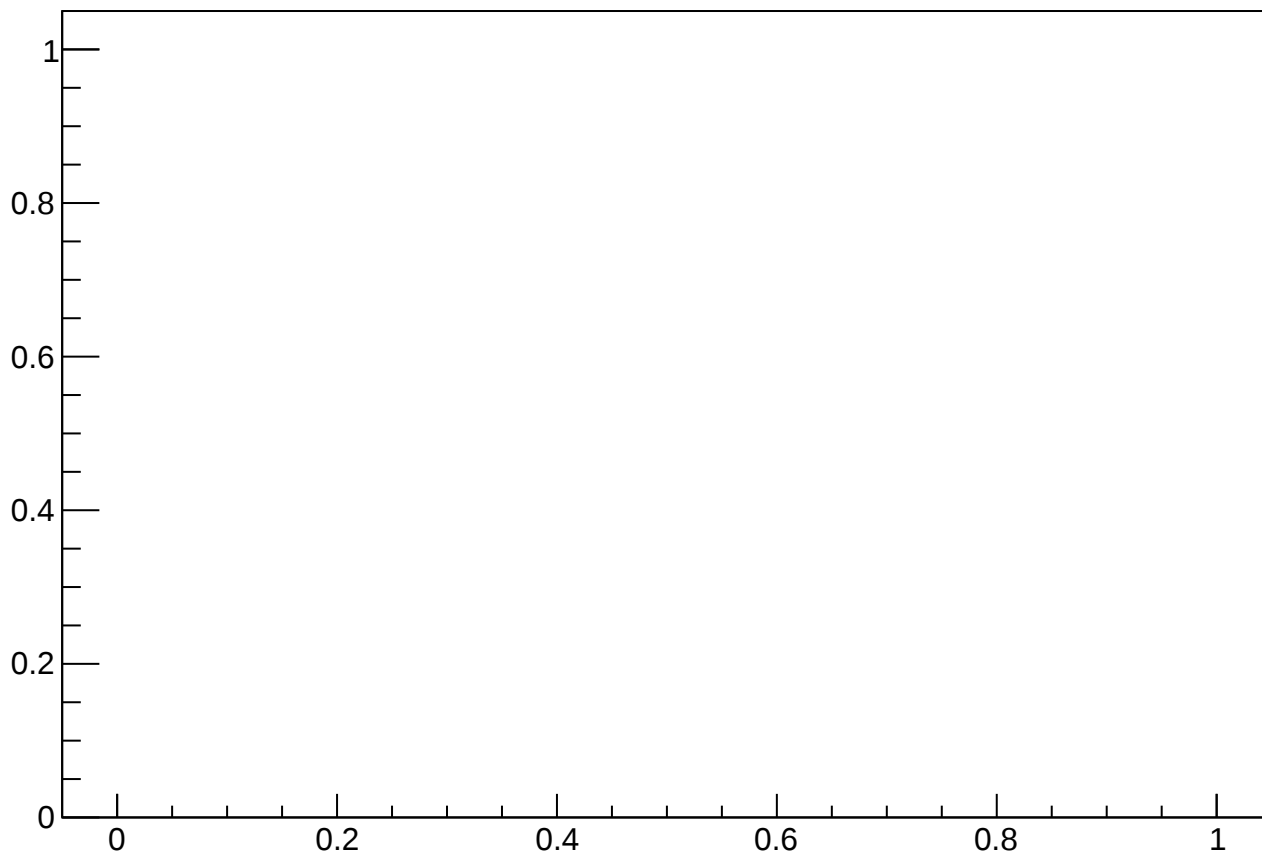
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.254+/-0.032 χ^2/NDF : 687567.8/11

87.523+/-0.021 χ^2/NDF : 1523924.6/26

86.951+/-0.028 χ^2/NDF : 835410.4/14

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

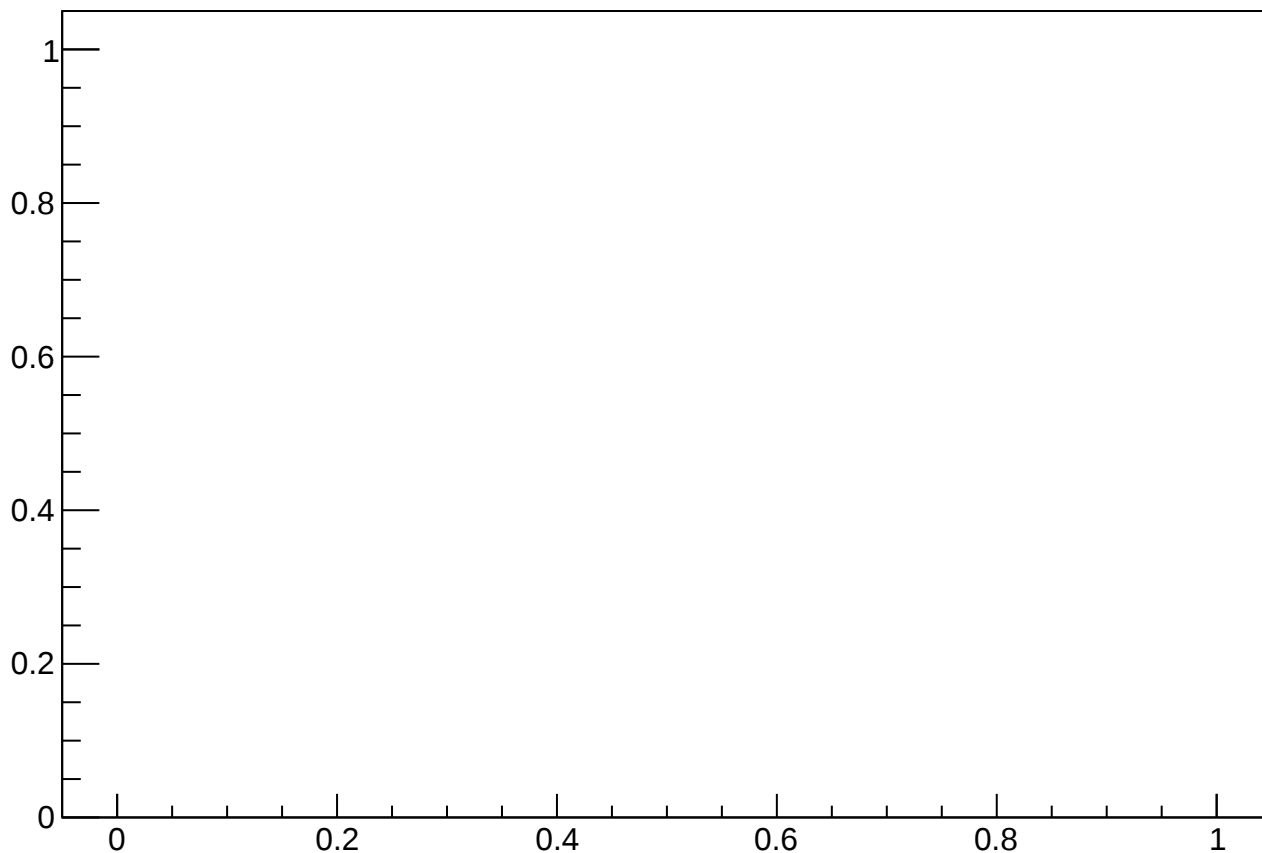
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

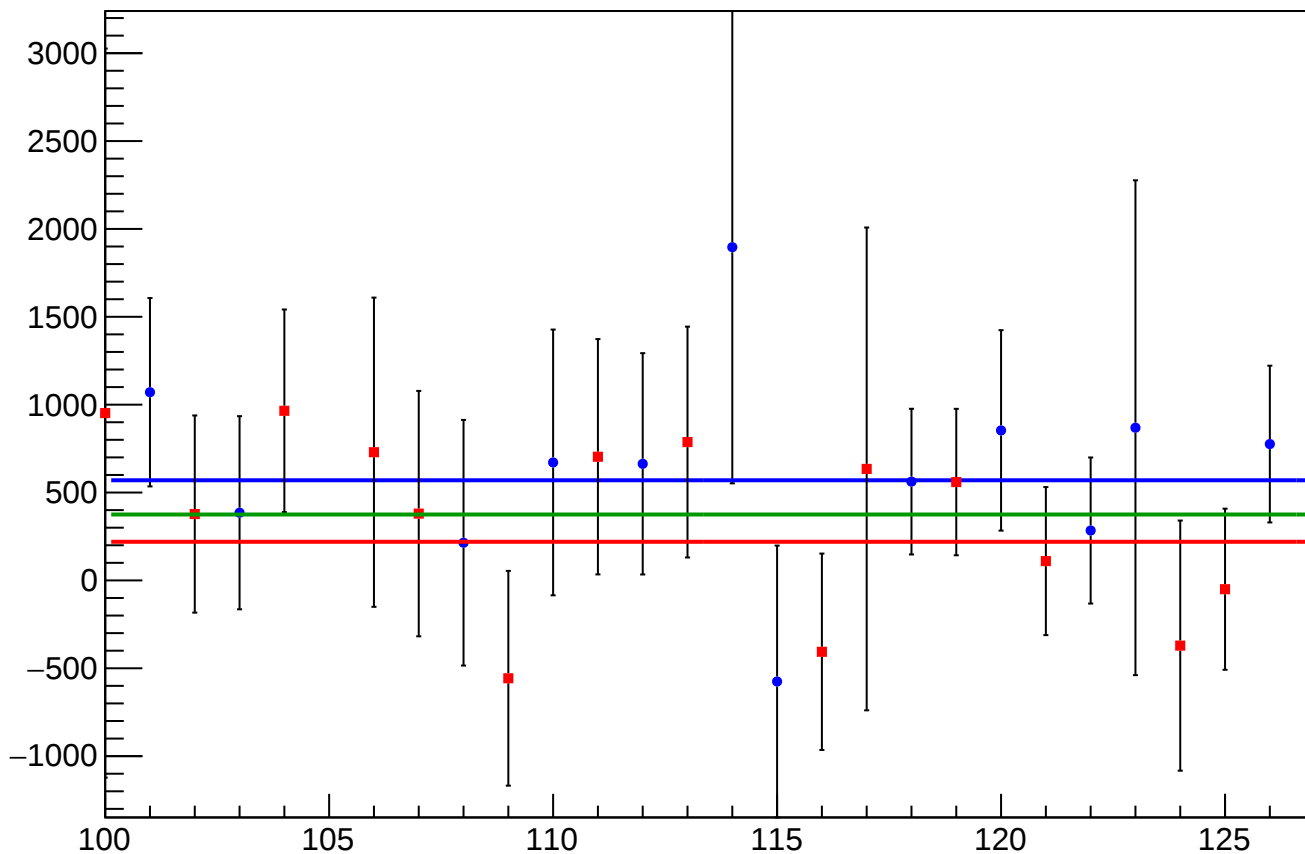
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 569.773+/-167.711 χ^2/NDF : 5.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.771+/-149.727 χ^2/NDF : 8.6/14

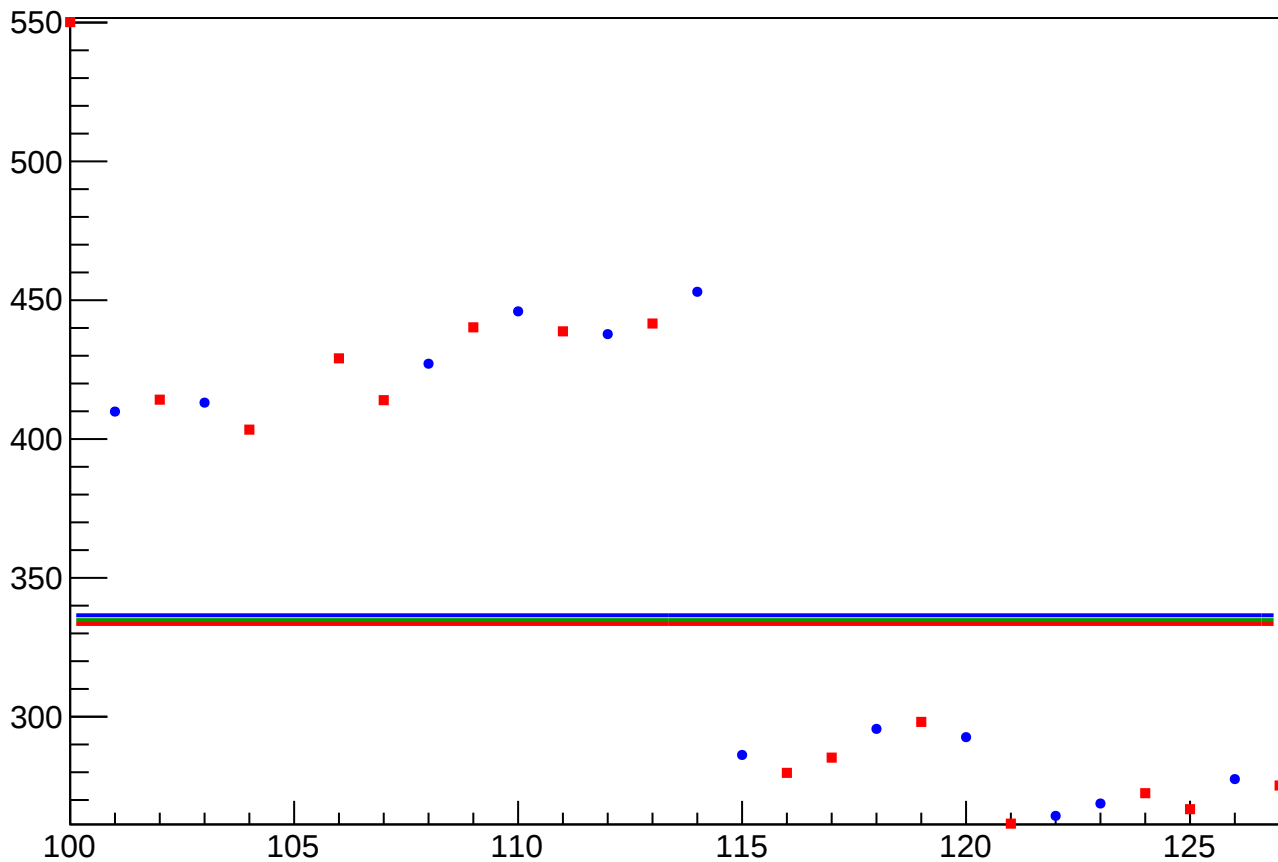
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

569.773+/-167.711 χ^2/NDF : 5.4/11

375.007+/-111.692 χ^2/NDF : 16.4/26

219.771+/-149.727 χ^2/NDF : 8.6/14

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 336.523+/-0.119 χ^2/NDF : 358437.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.416+/-0.106 χ^2/NDF : 497502.0/14

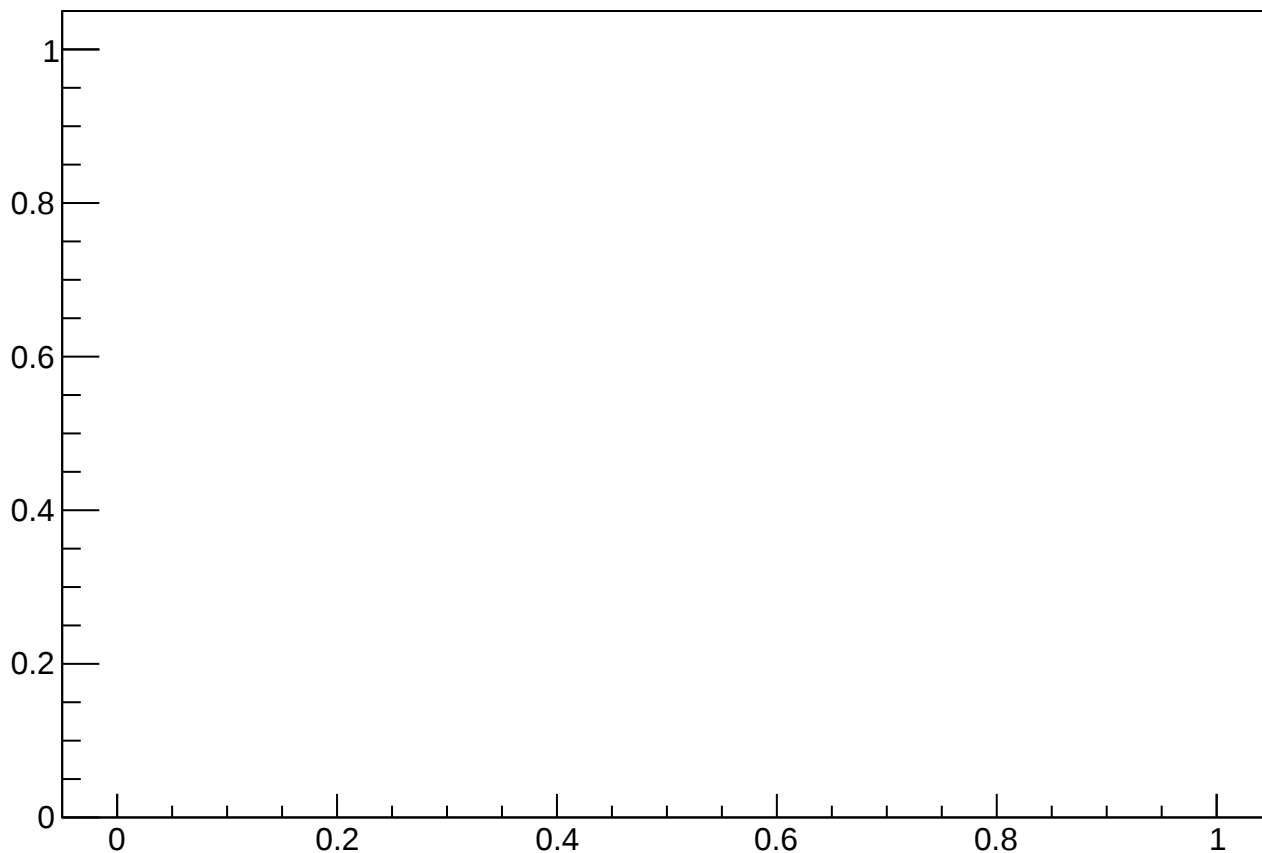
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

336.523+/-0.119 χ^2/NDF : 358437.9/11

334.794+/-0.079 χ^2/NDF : 856322.1/26

333.416+/-0.106 χ^2/NDF : 497502.0/14

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

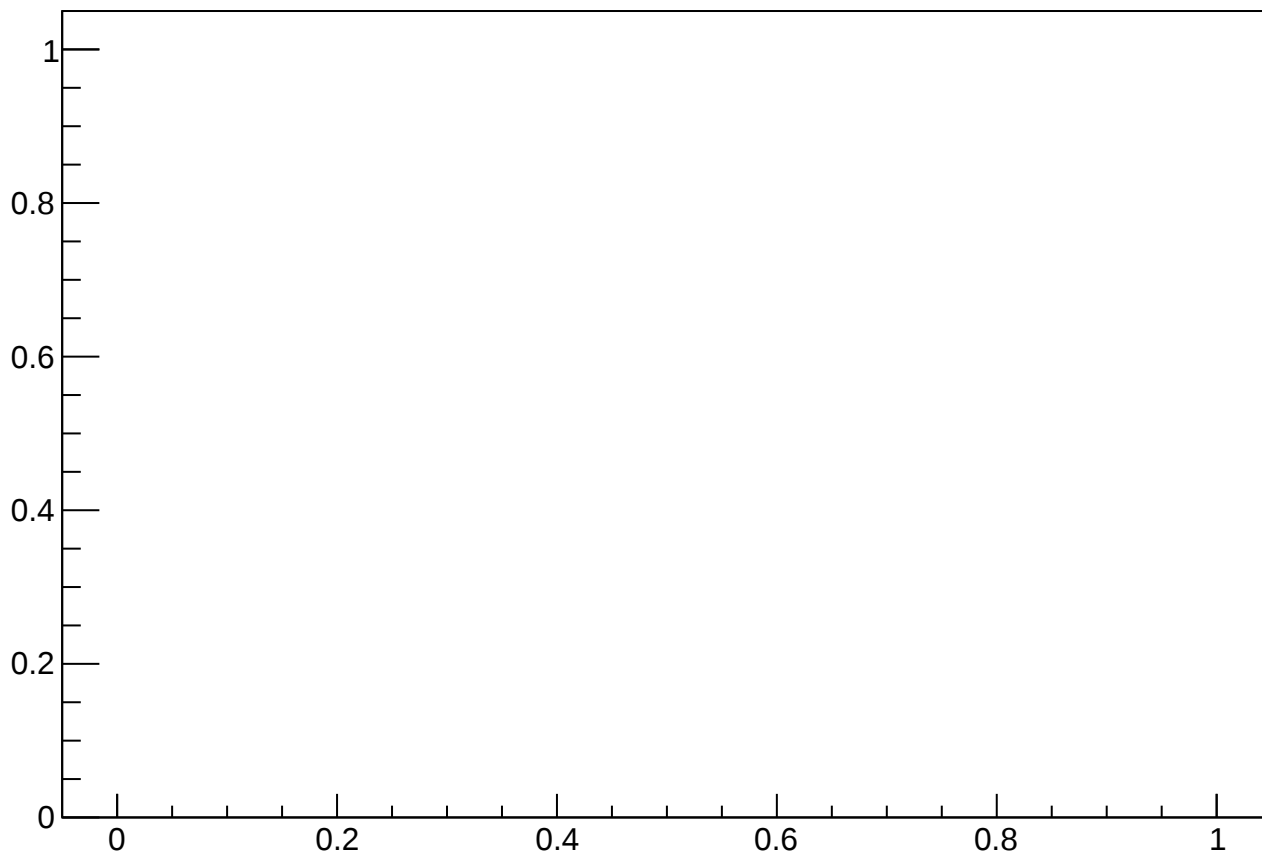
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

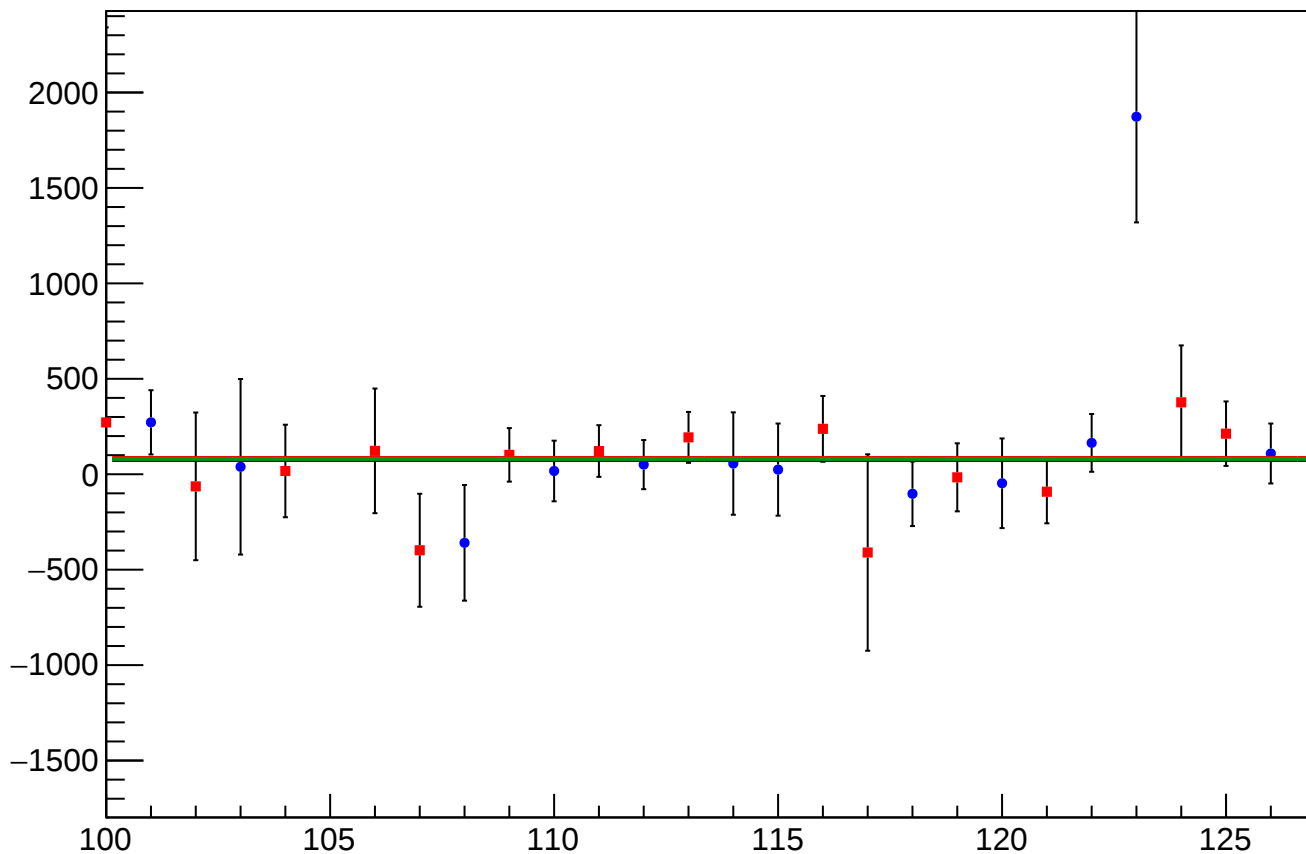
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 74.567+/-55.673 χ^2/NDF : 16.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.233+/-50.379 χ^2/NDF : 8.6/14

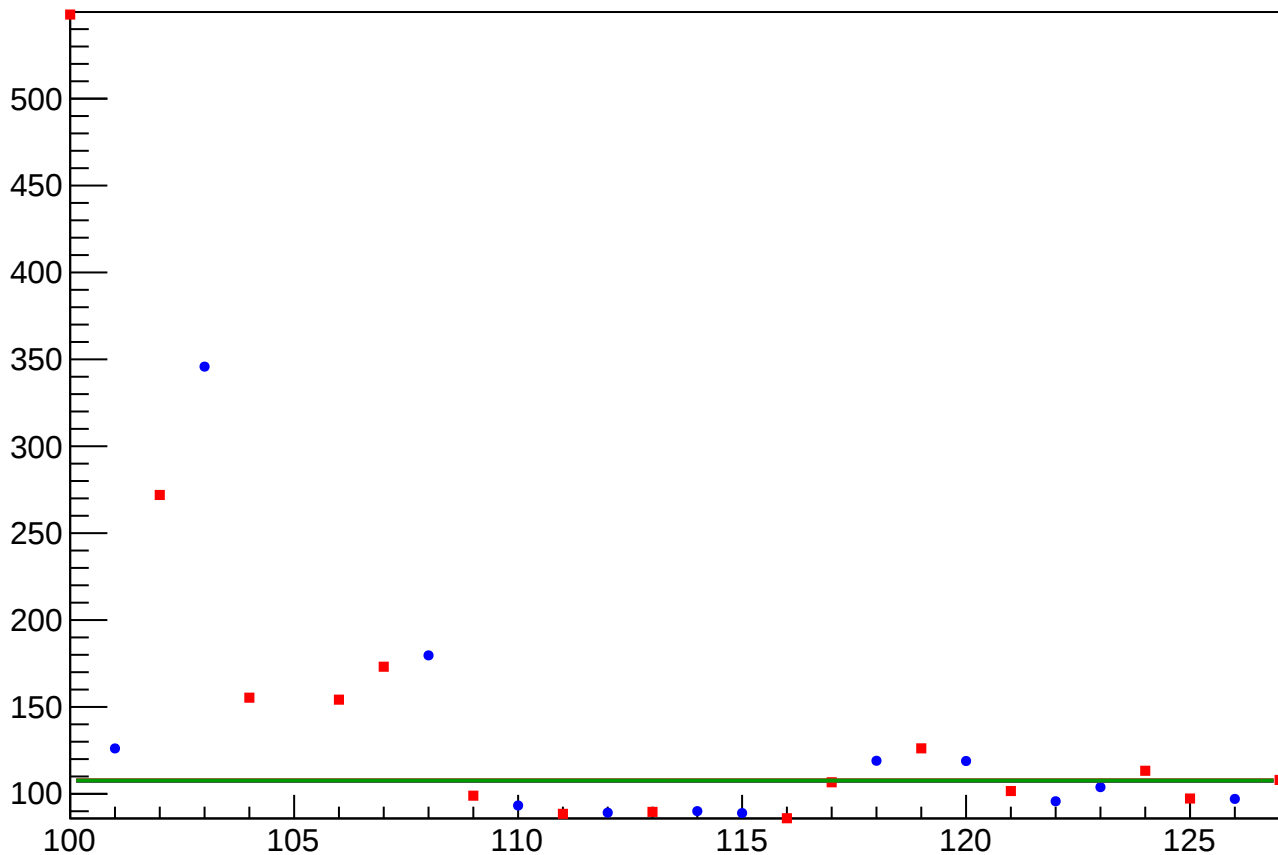
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.567+/-55.673 χ^2/NDF : 16.0/11

80.431+/-37.355 χ^2/NDF : 24.6/26

85.233+/-50.379 χ^2/NDF : 8.6/14

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 107.514+/-0.039 χ^2/NDF : 786718.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.750+/-0.036 χ^2/NDF : 815774.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.514+/-0.039 χ^2/NDF : 786718.8/11

107.644+/-0.026 χ^2/NDF : 1602513.3/26

107.750+/-0.036 χ^2/NDF : 815774.8/14

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

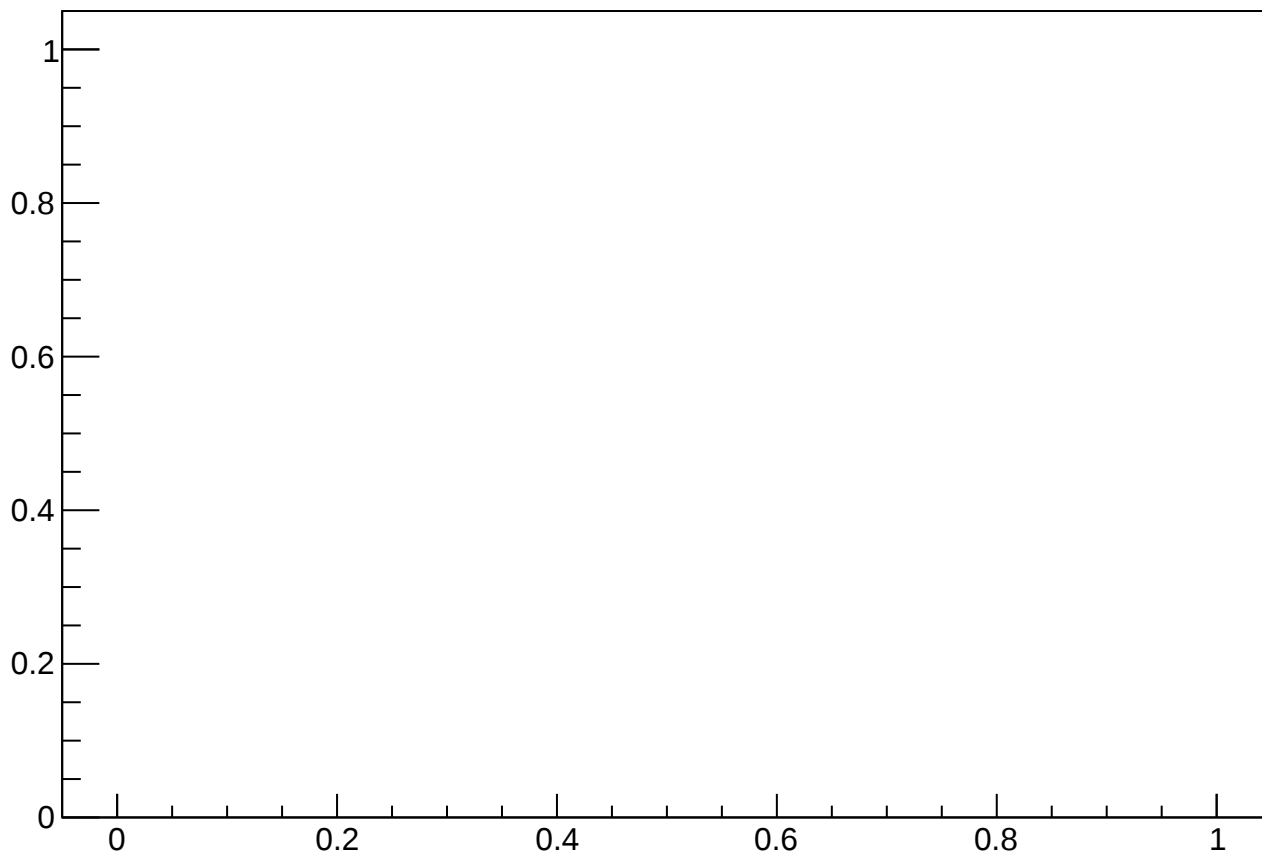
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

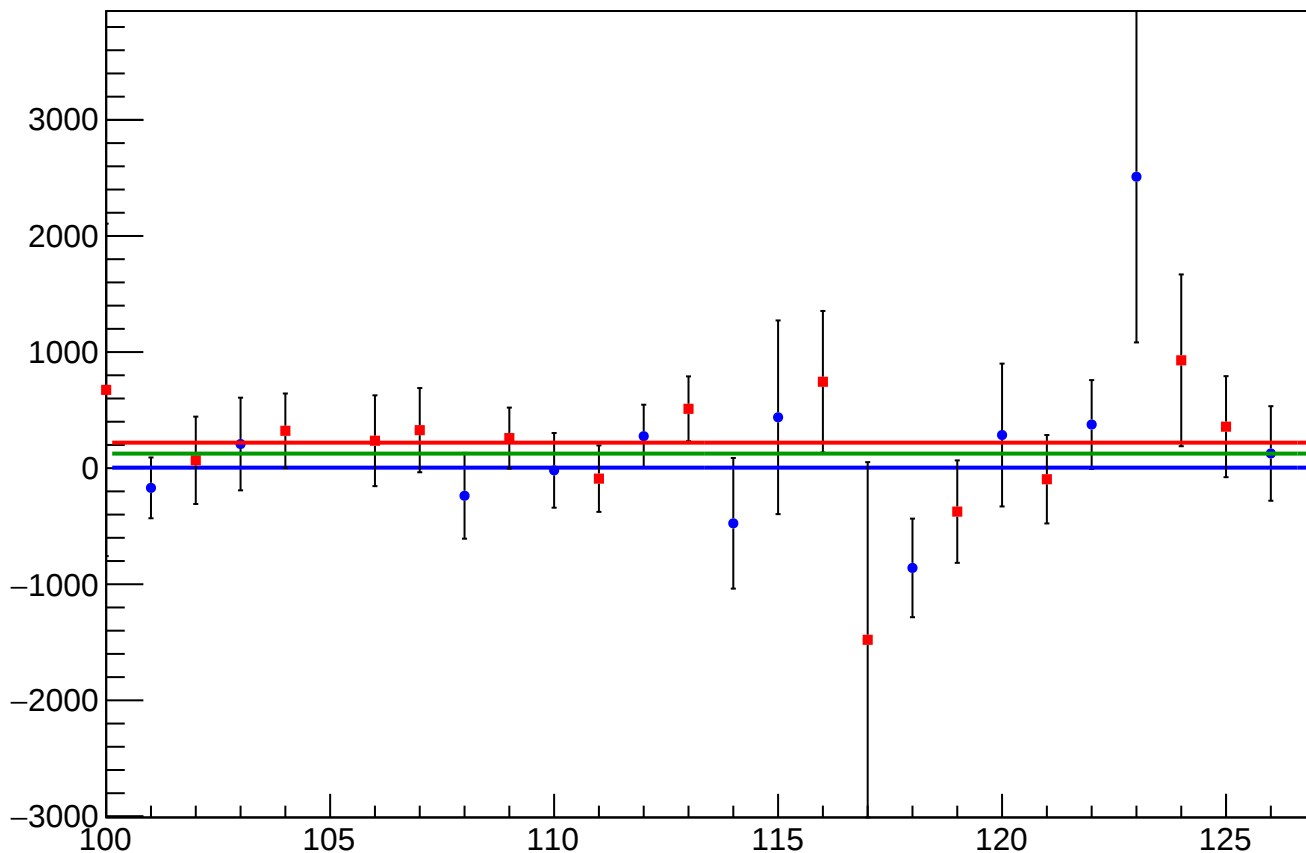
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.407 ± 113.499 χ^2/NDF : 11.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 219.651 ± 100.230 χ^2/NDF : 8.4/14

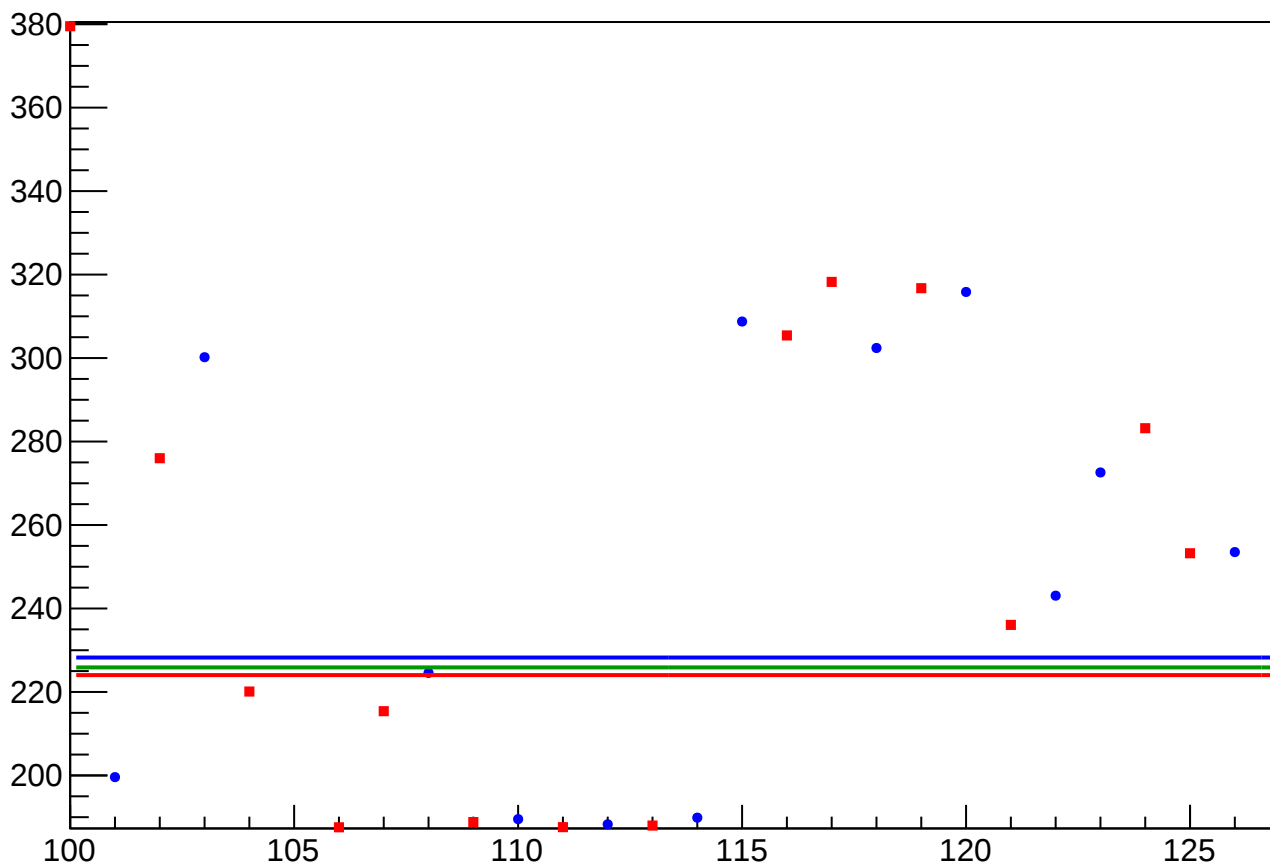
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.407 ± 113.499 χ^2/NDF : 11.6/11

125.341 ± 75.129 χ^2/NDF : 22.0/26

219.651 ± 100.230 χ^2/NDF : 8.4/14

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 228.252+/-0.080 χ^2/NDF : 303769.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.041+/-0.071 χ^2/NDF : 354644.9/14

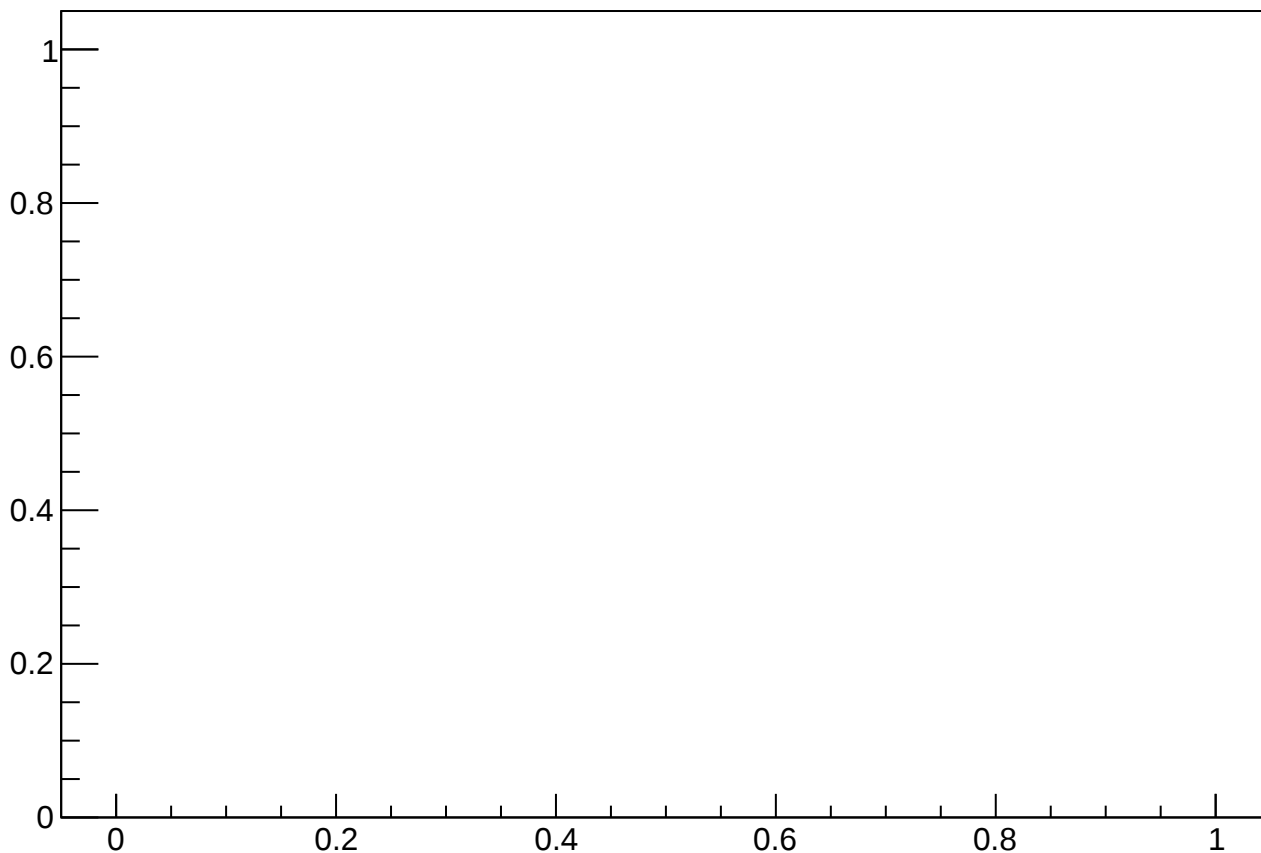
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

228.252+/-0.080 χ^2/NDF : 303769.9/11

225.886+/-0.053 χ^2/NDF : 659961.2/26

224.041+/-0.071 χ^2/NDF : 354644.9/14

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

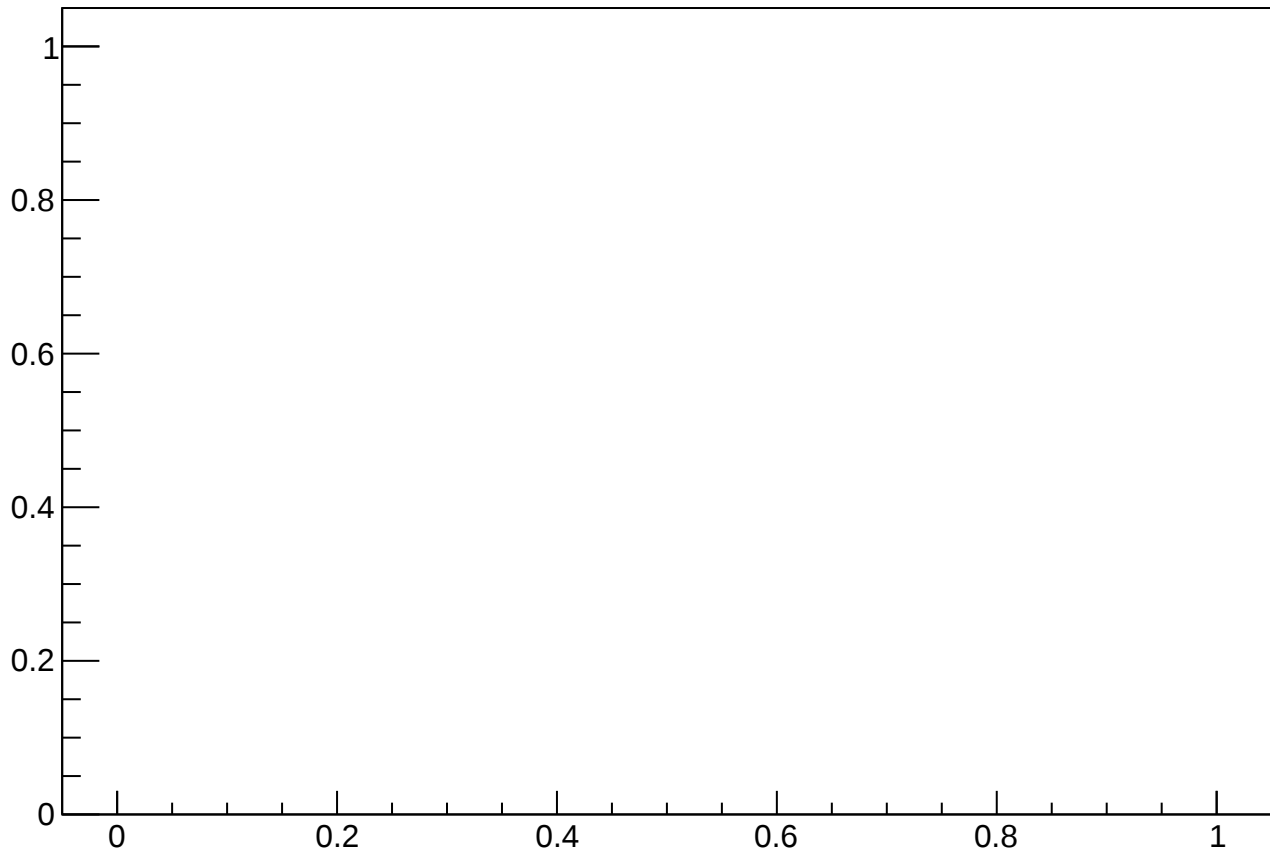
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

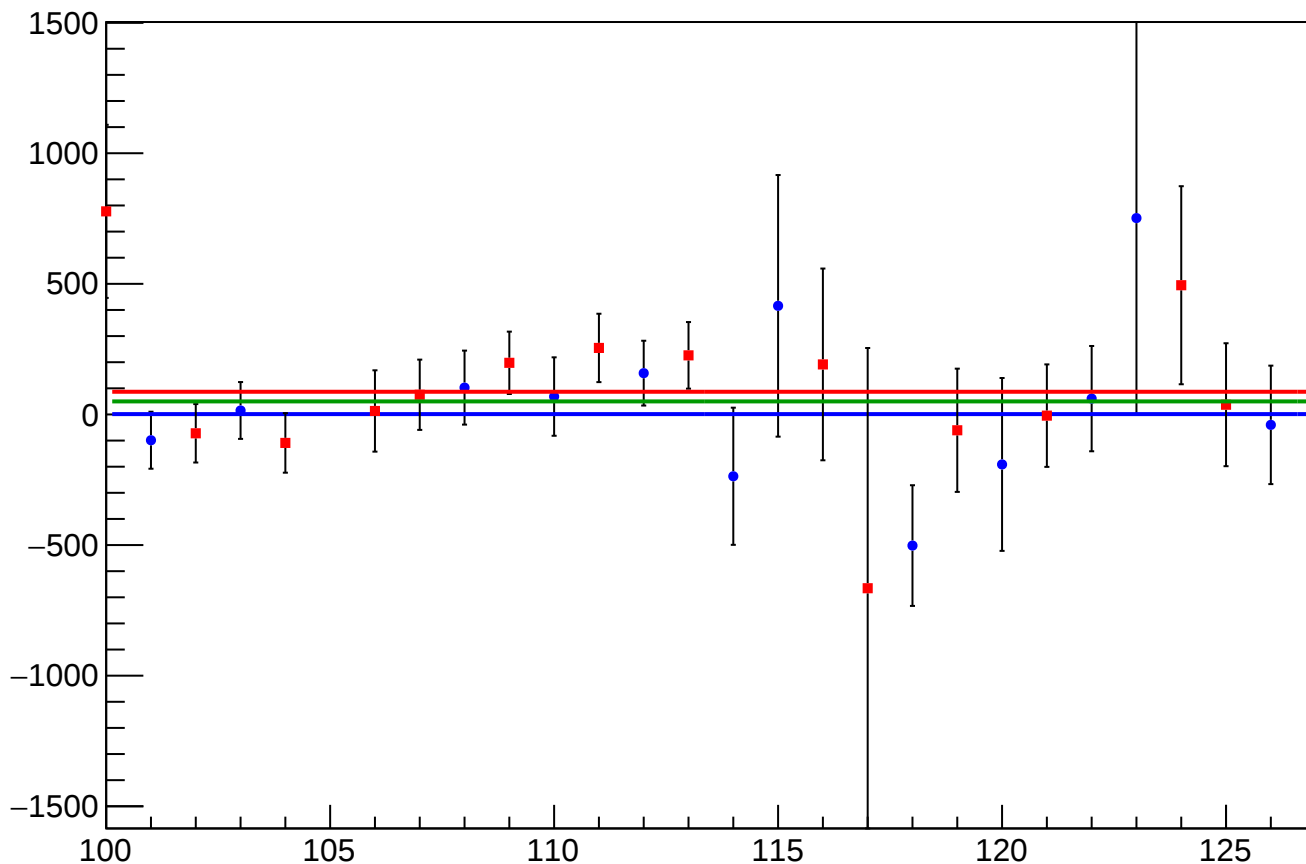
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 1.315+/-48.801 χ^2 /NDF: 10.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 86.884+/-42.549 χ^2 /NDF: 16.0/14

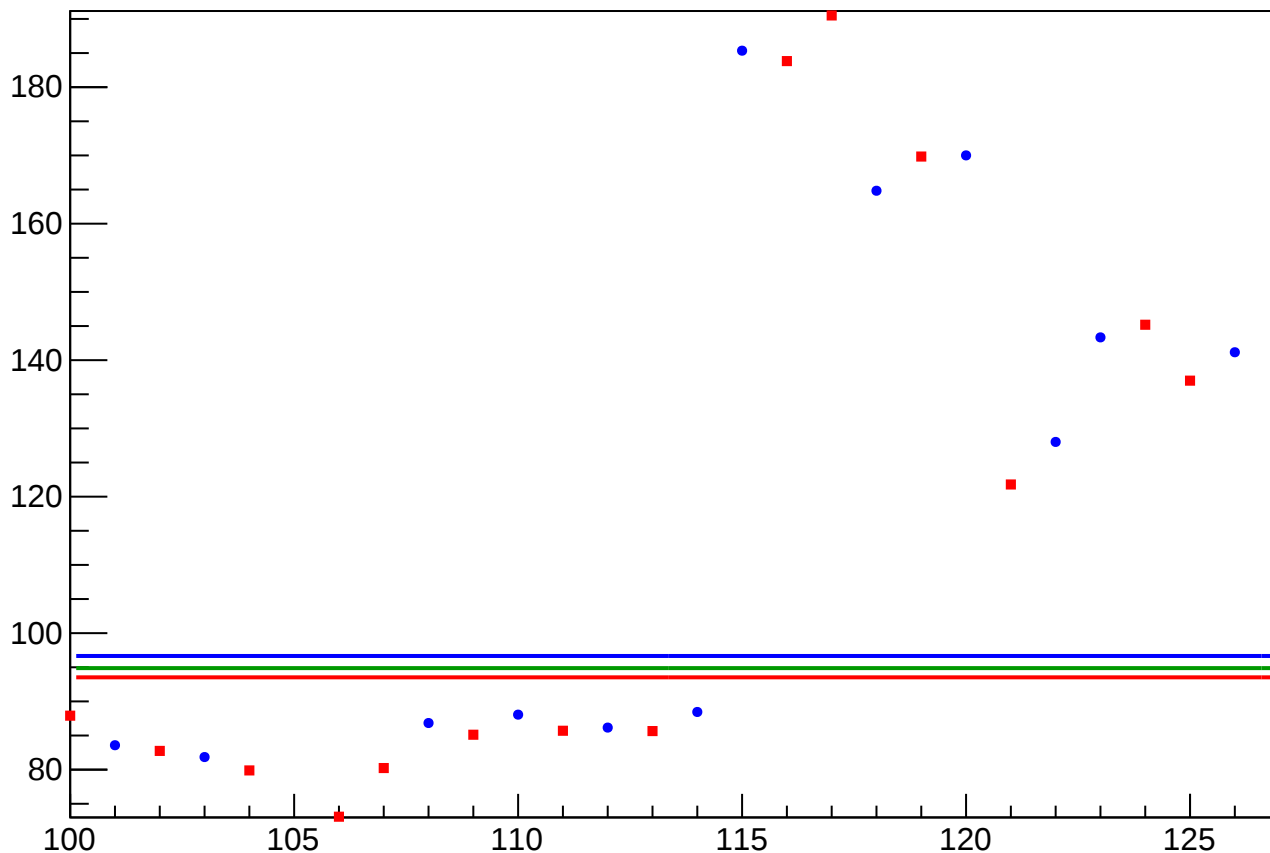
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.315+/-48.801 χ^2 /NDF: 10.9/11

49.928+/-32.071 χ^2 /NDF: 28.7/26

86.884+/-42.549 χ^2 /NDF: 16.0/14

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 96.656+/-0.035 χ^2/NDF : 566646.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.526+/-0.030 χ^2/NDF : 722877.2/14

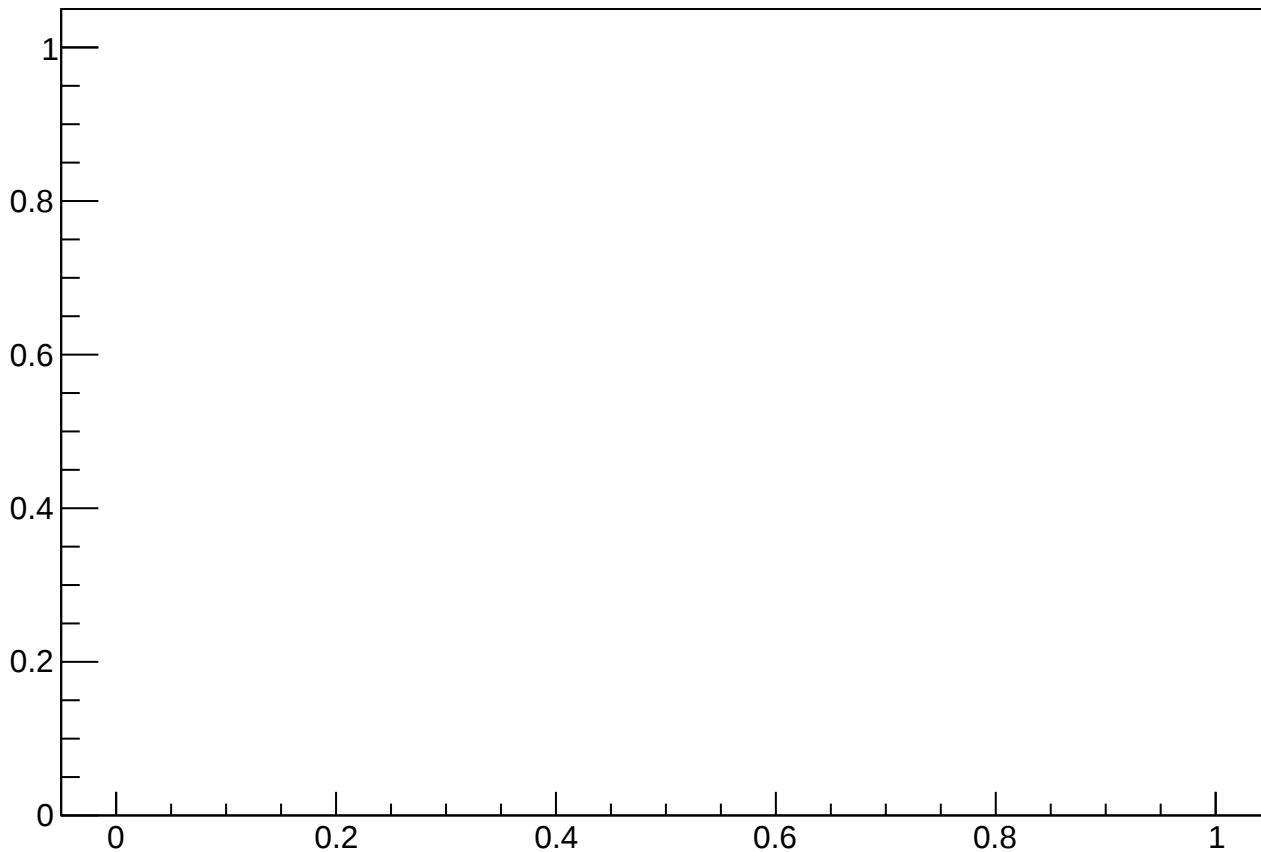
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.656+/-0.035 χ^2/NDF : 566646.3/11

94.878+/-0.023 χ^2/NDF : 1294199.8/26

93.526+/-0.030 χ^2/NDF : 722877.2/14

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

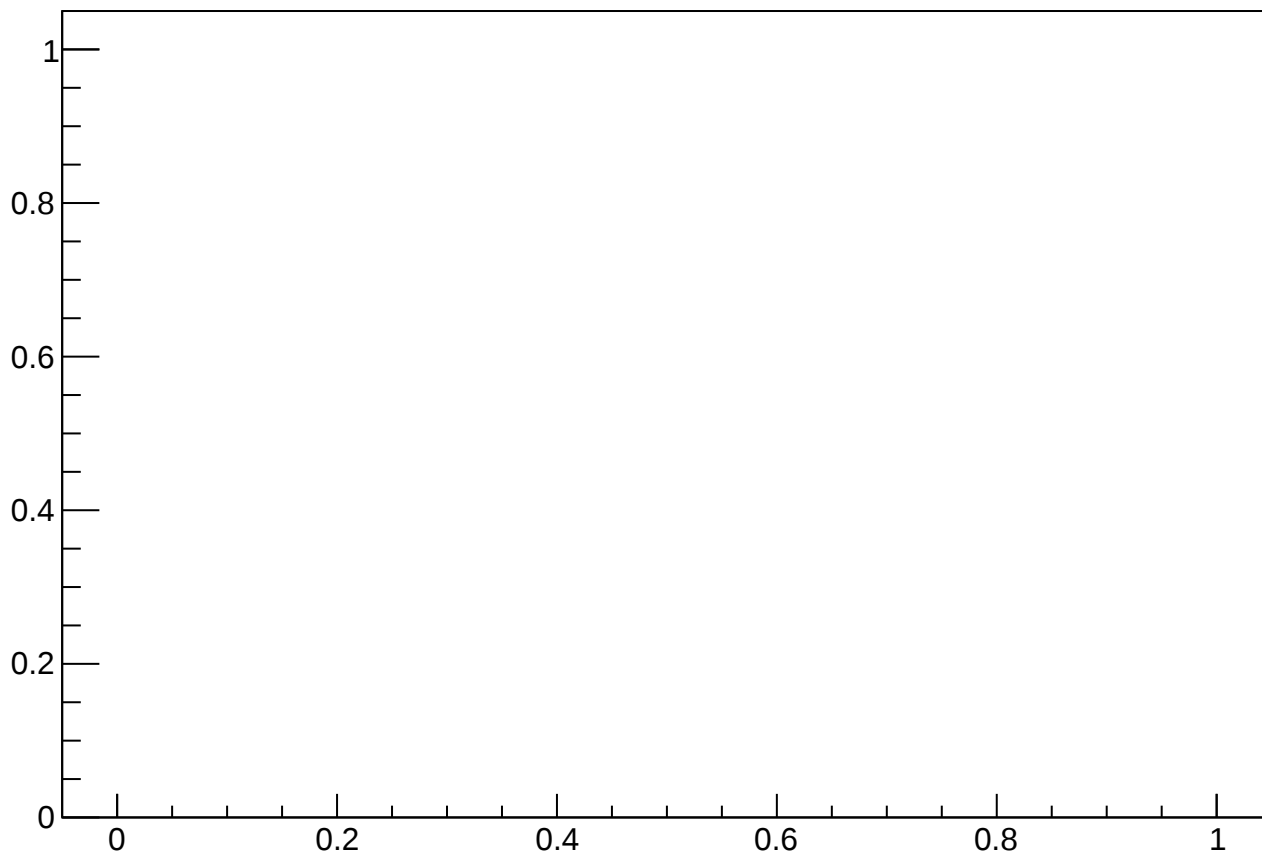
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

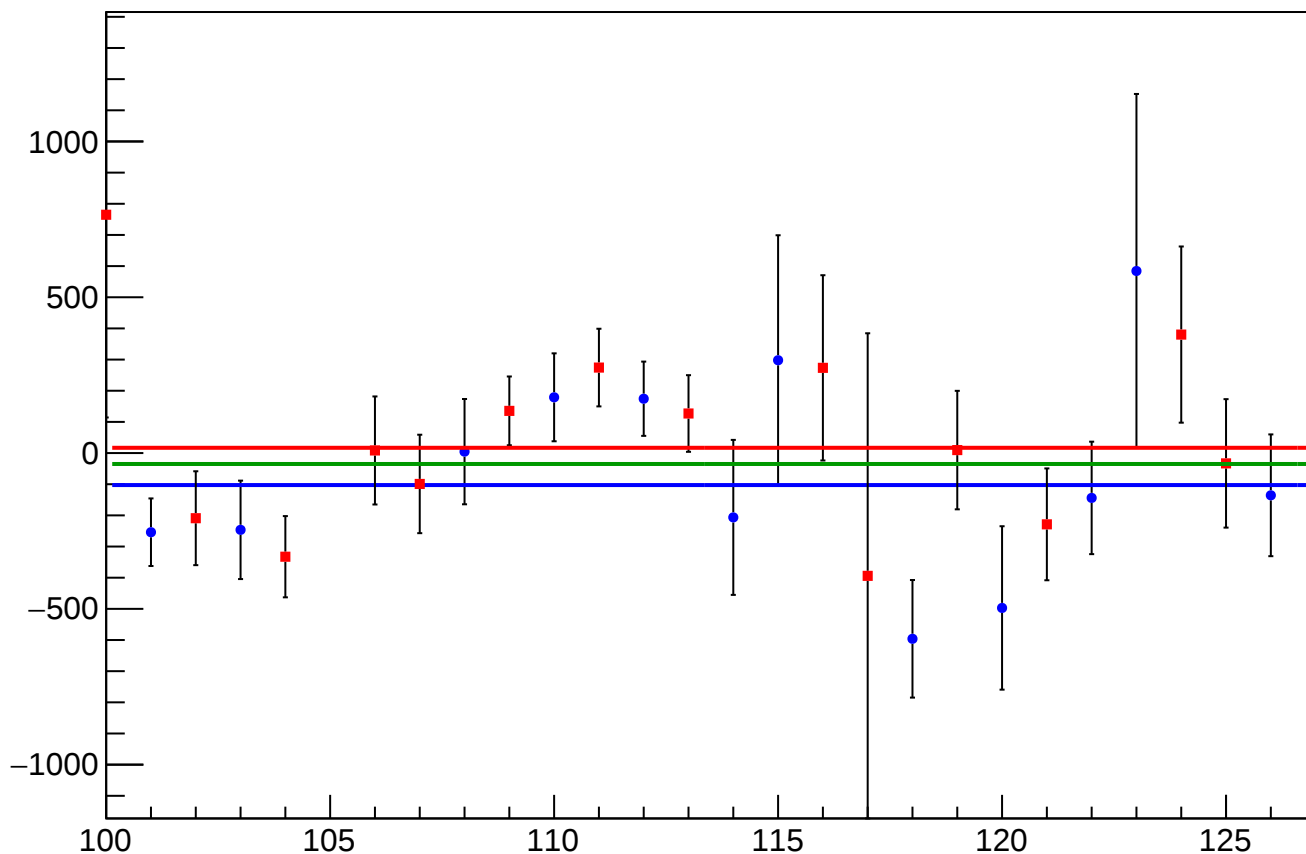
asym_sam5_correction_rms vs Slug, Sign Corrected



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: -102.700+/-49.639 χ^2/NDF : 24.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.908+/-43.511 χ^2/NDF : 22.3/14

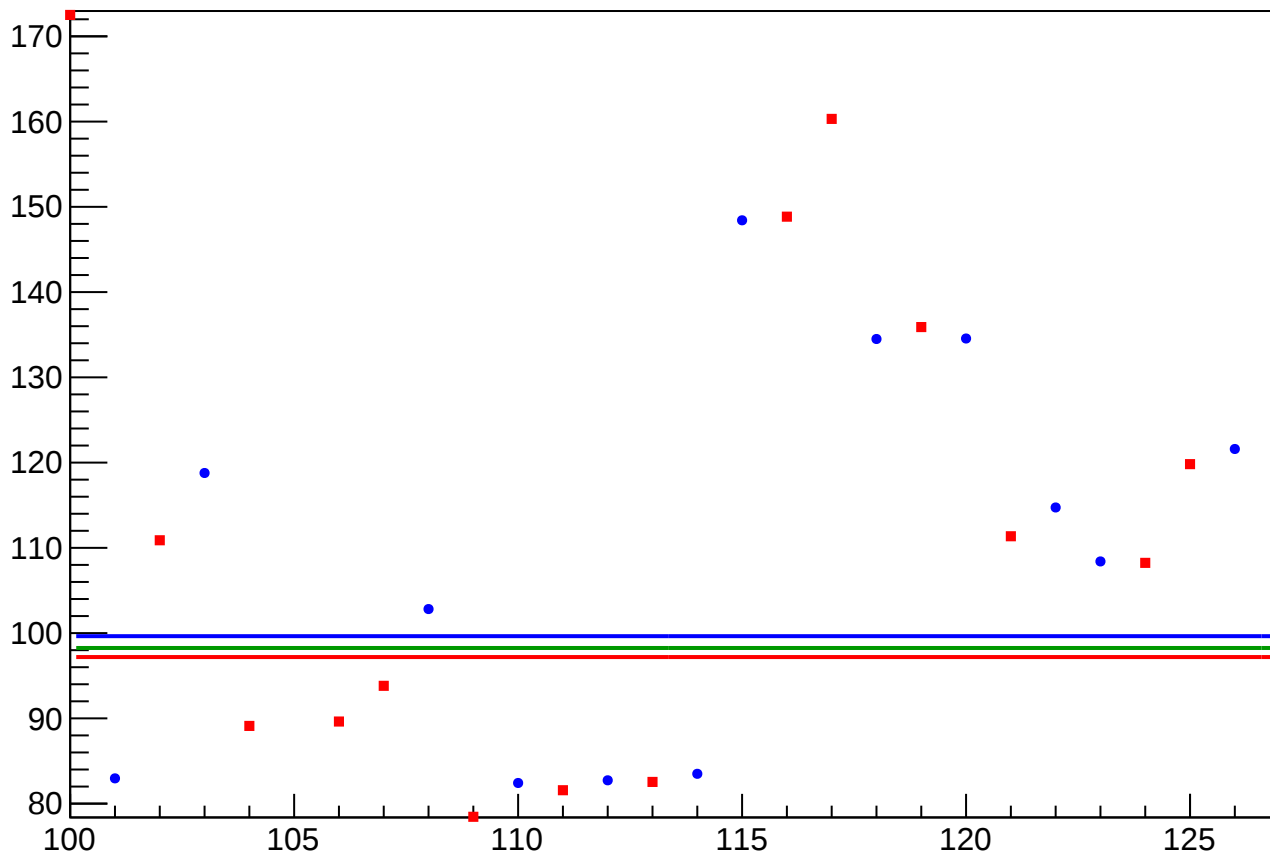
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-102.700+/-49.639 χ^2/NDF : 24.4/11

-35.060+/-32.720 χ^2/NDF : 50.0/26

16.908+/-43.511 χ^2/NDF : 22.3/14

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 99.641 $\pm$ 0.035 χ^2 /NDF: 328911.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.192 $\pm$ 0.031 χ^2 /NDF: 405093.0/14

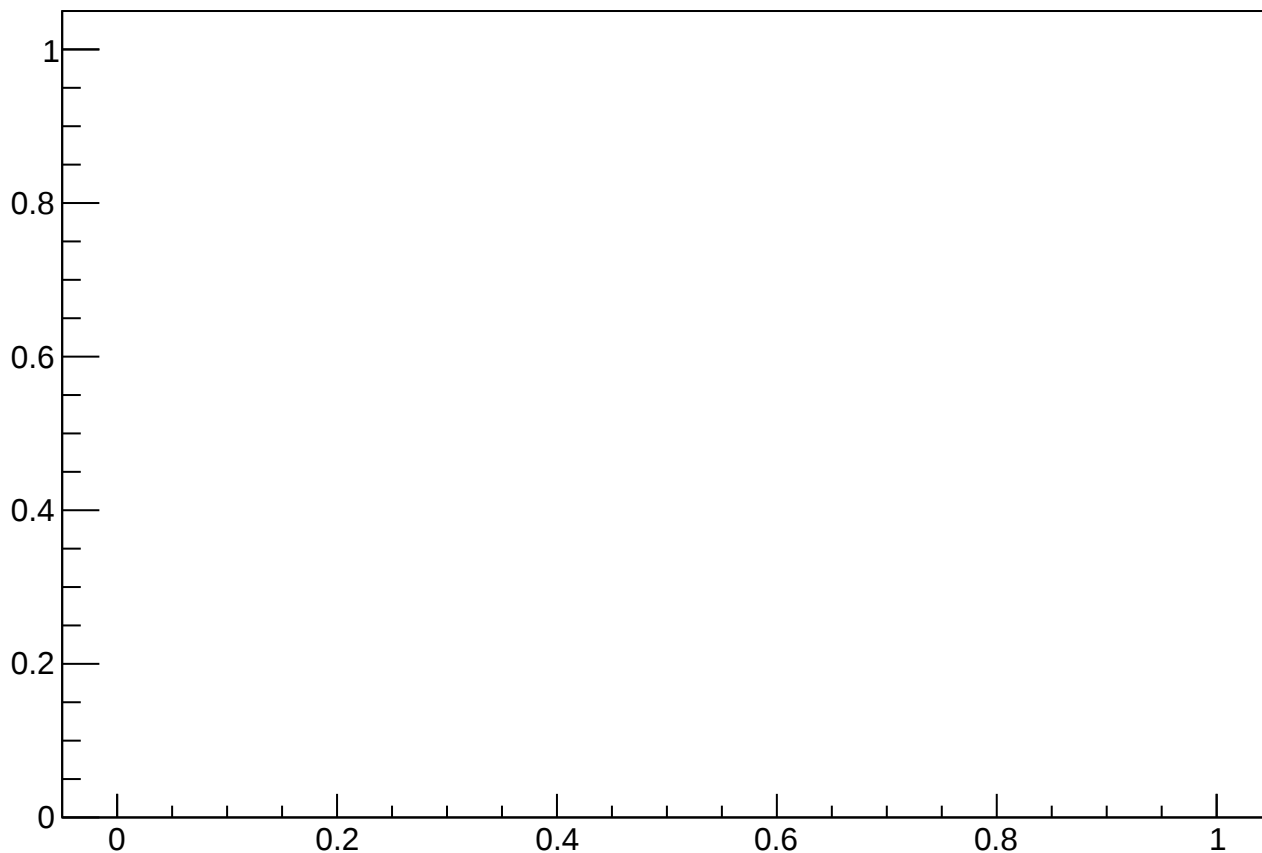
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

99.641 $\pm$ 0.035 χ^2 /NDF: 328911.8/11

98.256 $\pm$ 0.023 χ^2 /NDF: 736758.2/26

97.192 $\pm$ 0.031 χ^2 /NDF: 405093.0/14

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

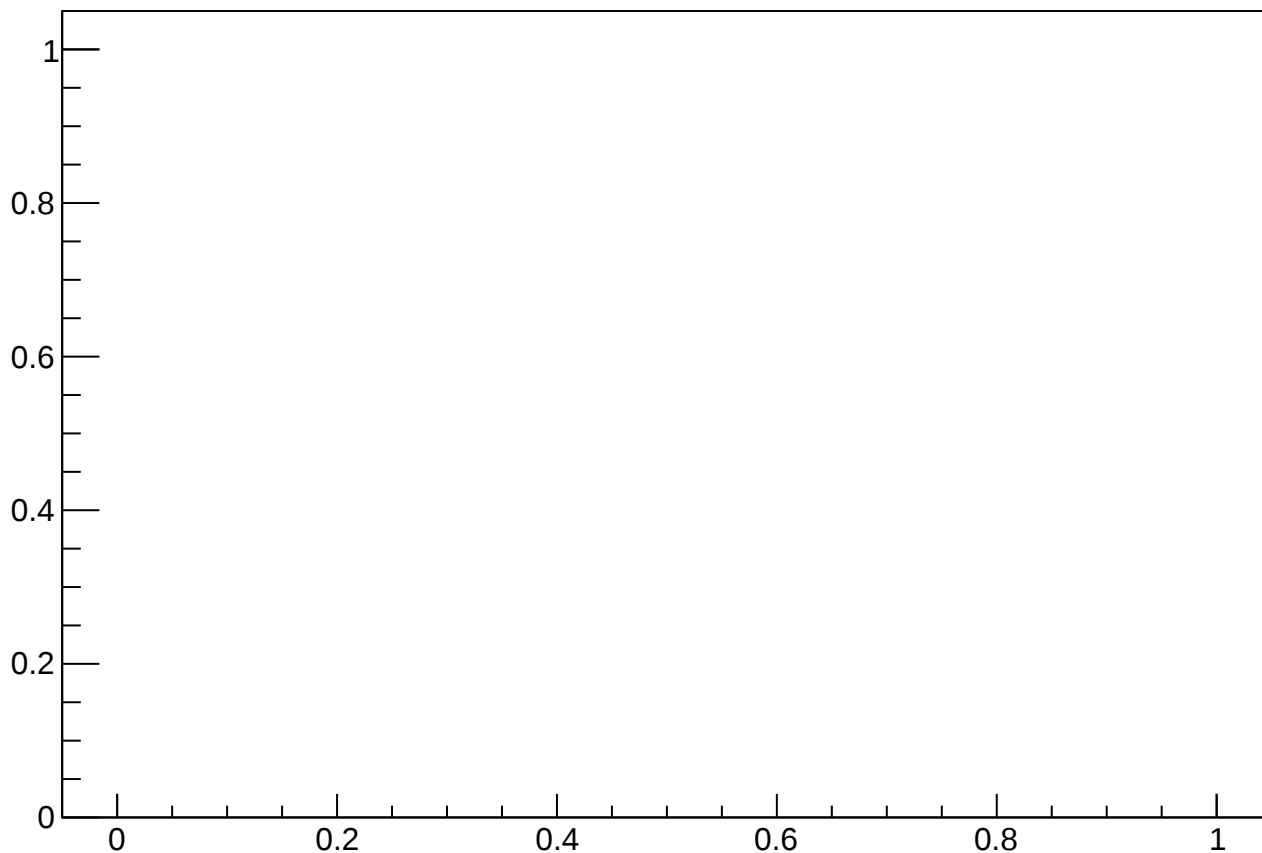
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

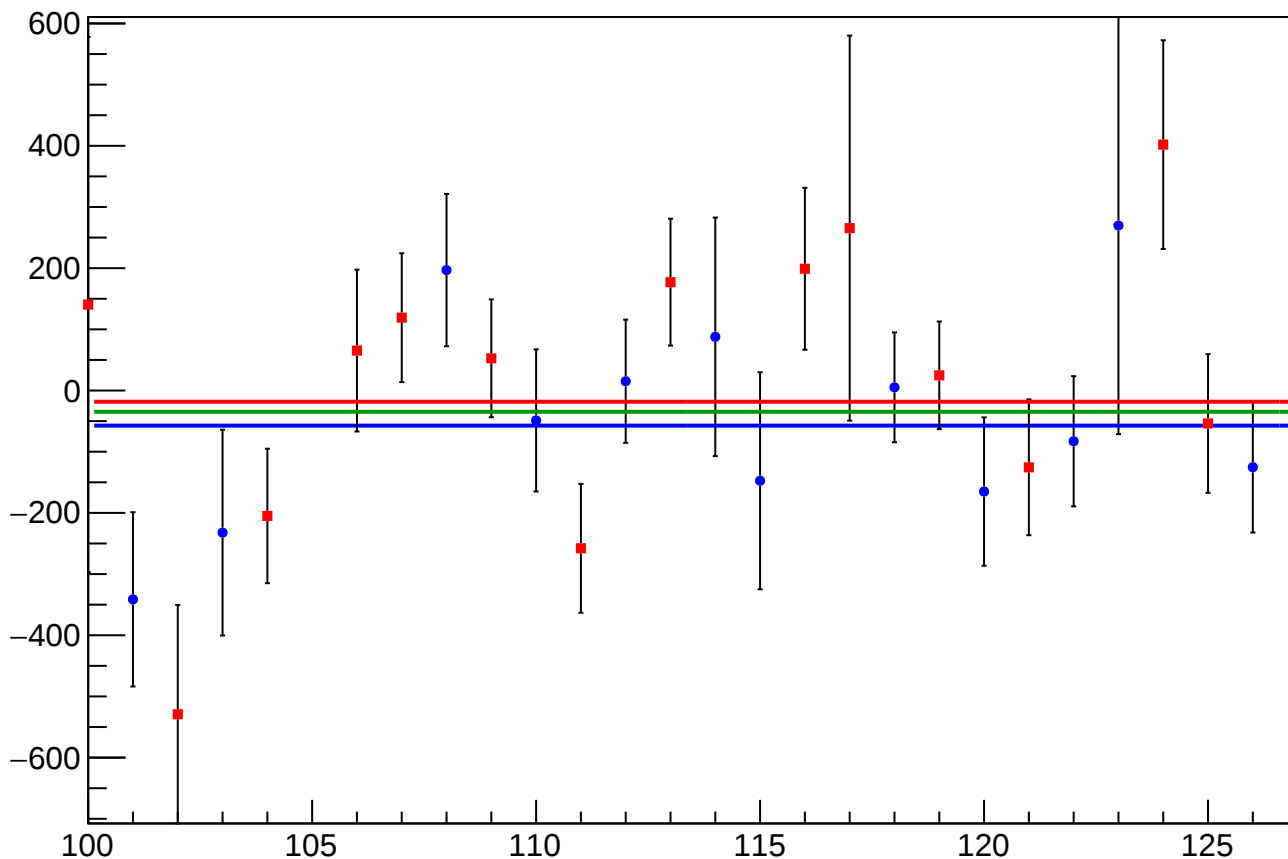
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: -57.351+/-36.348 χ^2 /NDF: 13.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -18.288+/-30.965 χ^2 /NDF: 35.6/14

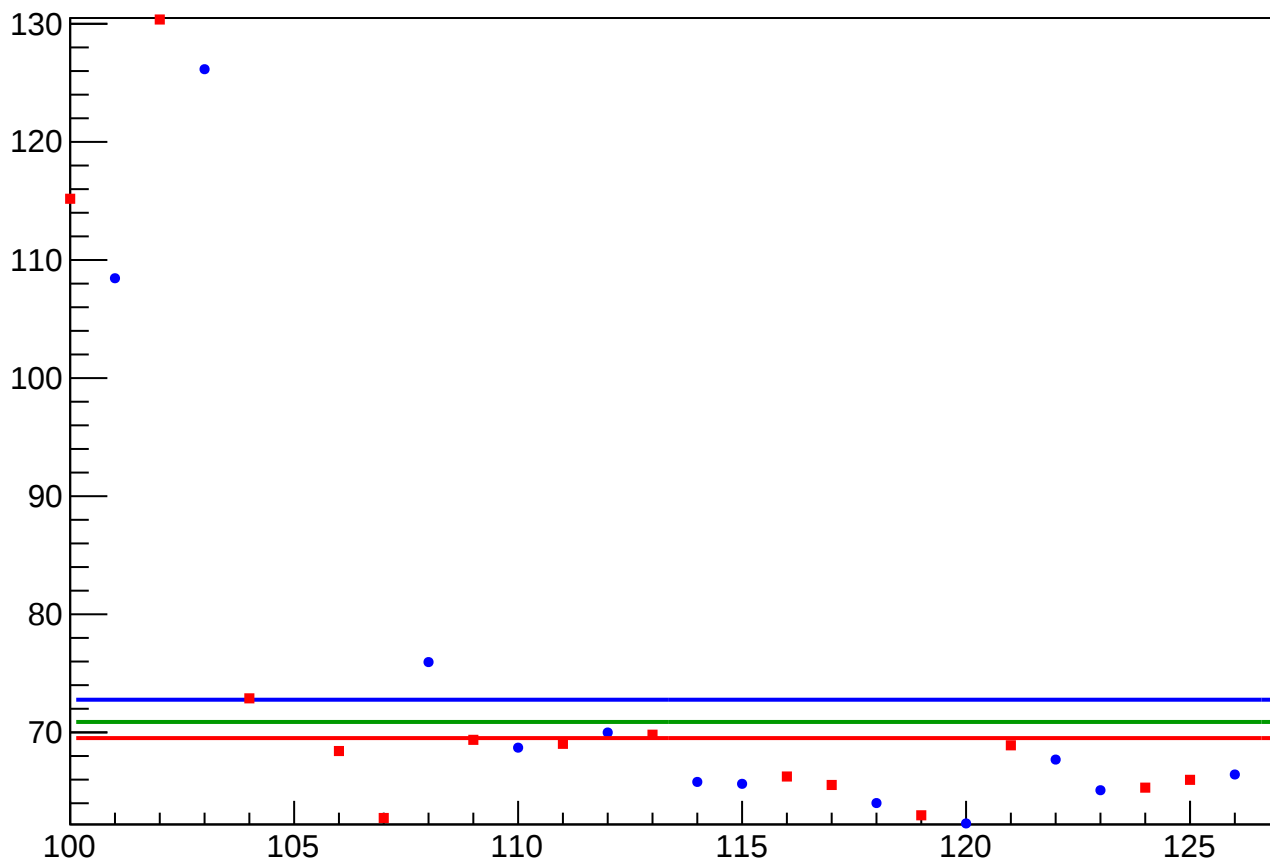
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-57.351+/-36.348 χ^2 /NDF: 13.2/11

-34.715+/-23.571 χ^2 /NDF: 49.5/26

-18.288+/-30.965 χ^2 /NDF: 35.6/14

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.767 $\pm$ 0.026 χ^2 /NDF: 384714.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.517 $\pm$ 0.022 χ^2 /NDF: 280889.4/14

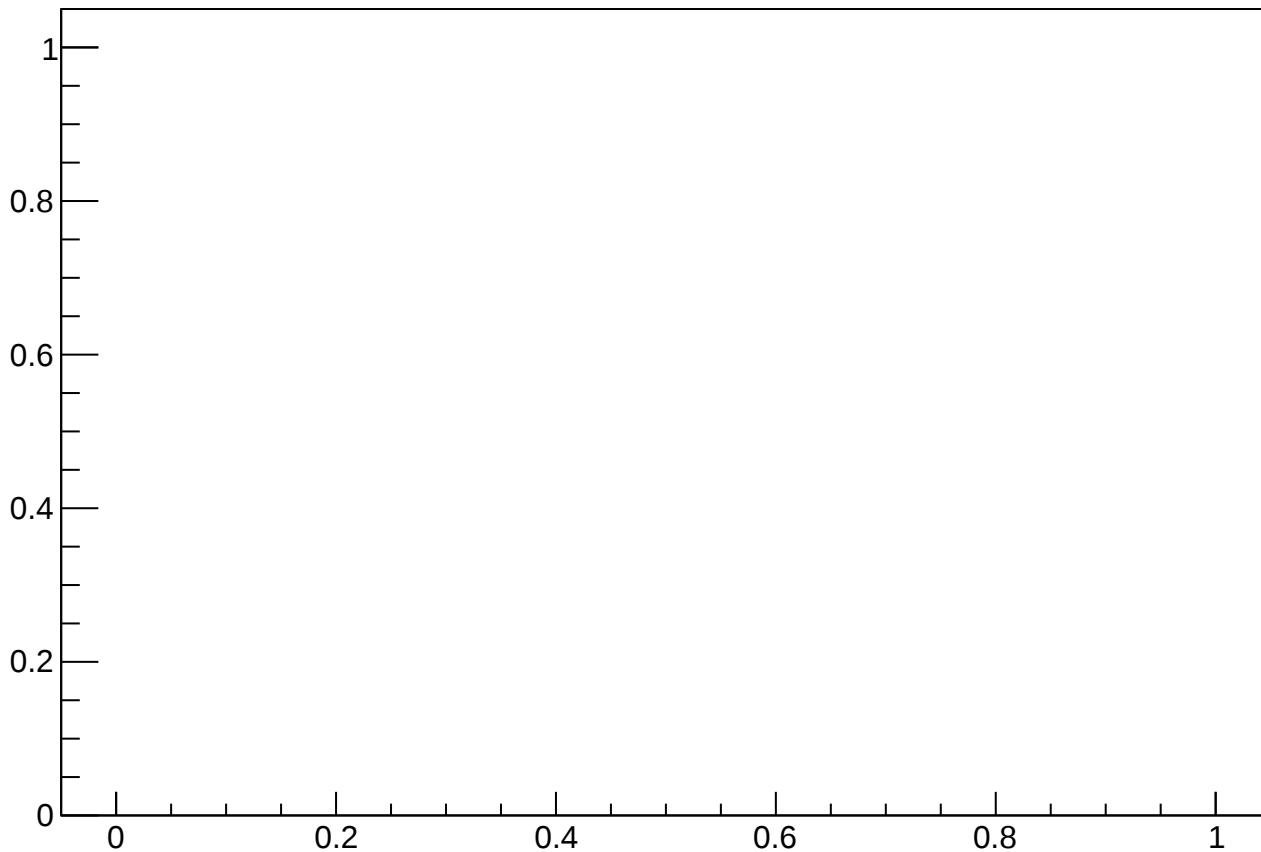
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.767 $\pm$ 0.026 χ^2 /NDF: 384714.1/11

70.884 $\pm$ 0.017 χ^2 /NDF: 674864.4/26

69.517 $\pm$ 0.022 χ^2 /NDF: 280889.4/14

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

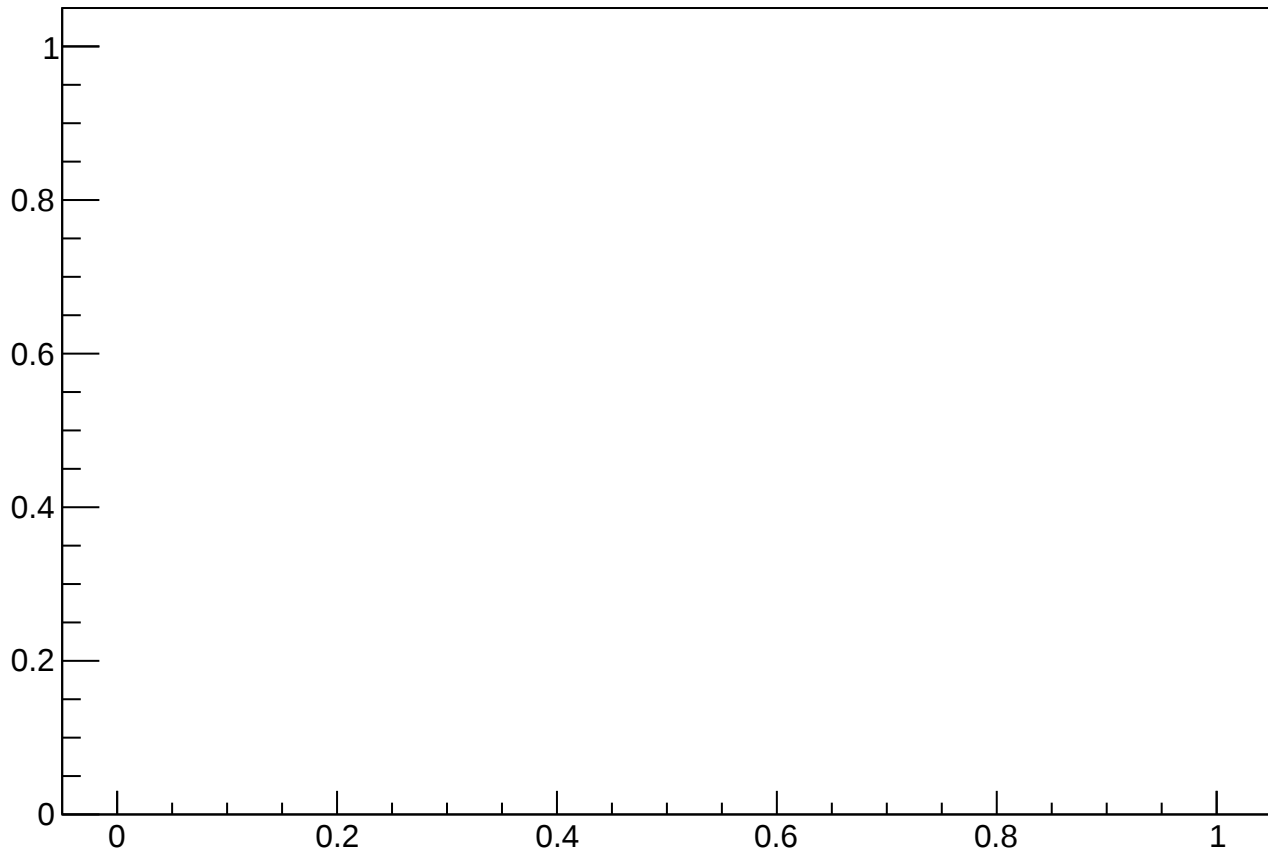
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

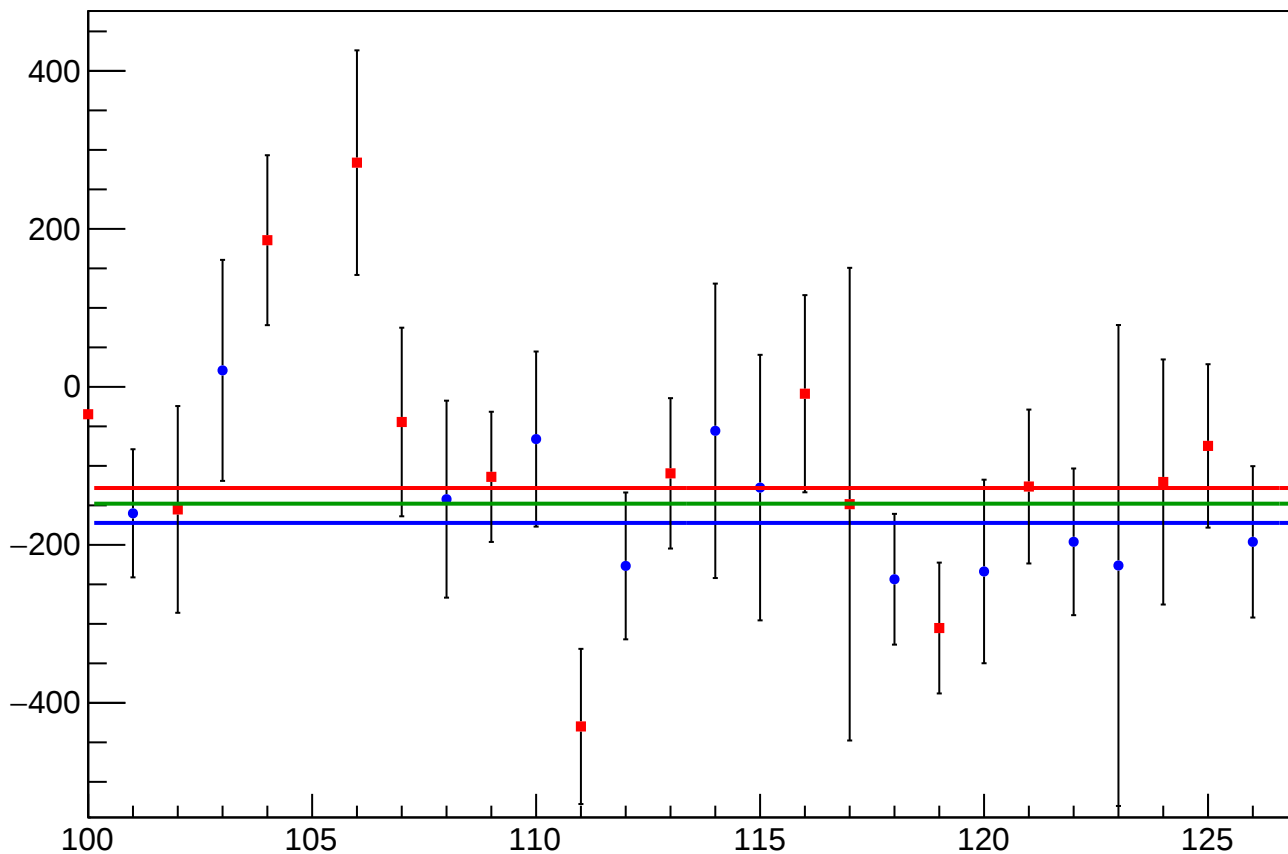
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -172.208 ± 31.869 $\chi^2/\text{NDF}: 4.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -128.018 ± 28.752 $\chi^2/\text{NDF}: 34.0/14$

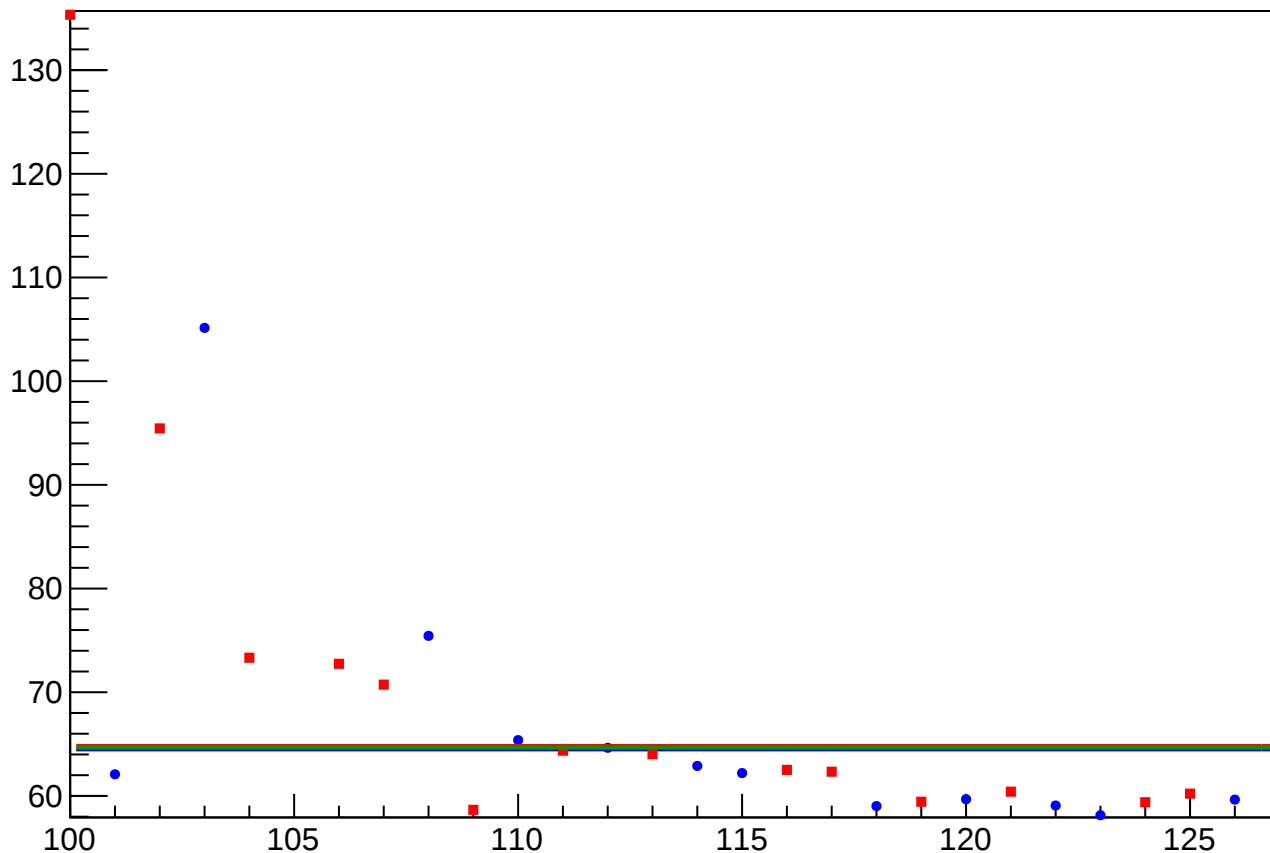
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-172.208 ± 31.869 $\chi^2/\text{NDF}: 4.9/11$

-147.847 ± 21.348 $\chi^2/\text{NDF}: 39.9/26$

-128.018 ± 28.752 $\chi^2/\text{NDF}: 34.0/14$

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.491+/-0.023 χ^2/NDF : 211672.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.813+/-0.020 χ^2/NDF : 206493.2/14

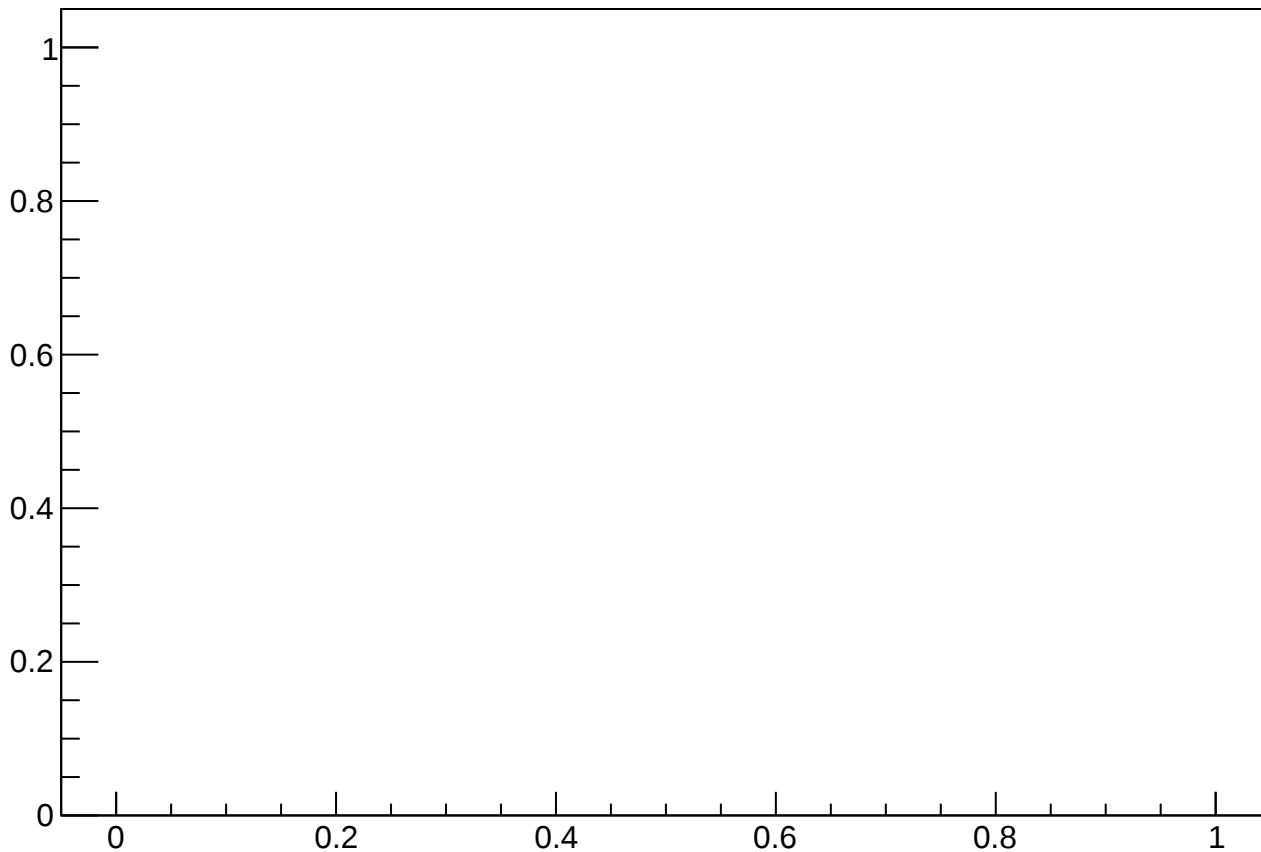
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.491+/-0.023 χ^2/NDF : 211672.8/11

64.669+/-0.015 χ^2/NDF : 418278.2/26

64.813+/-0.020 χ^2/NDF : 206493.2/14

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

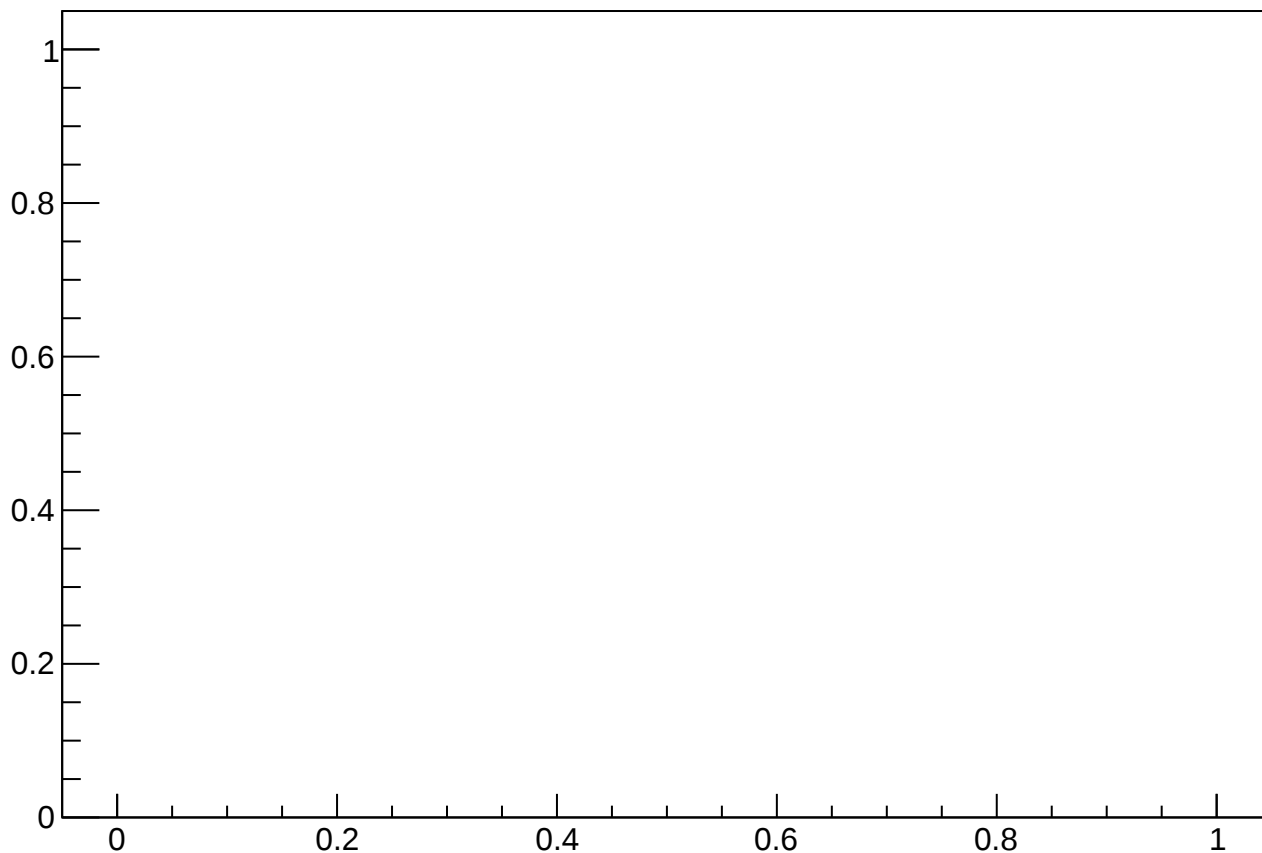
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

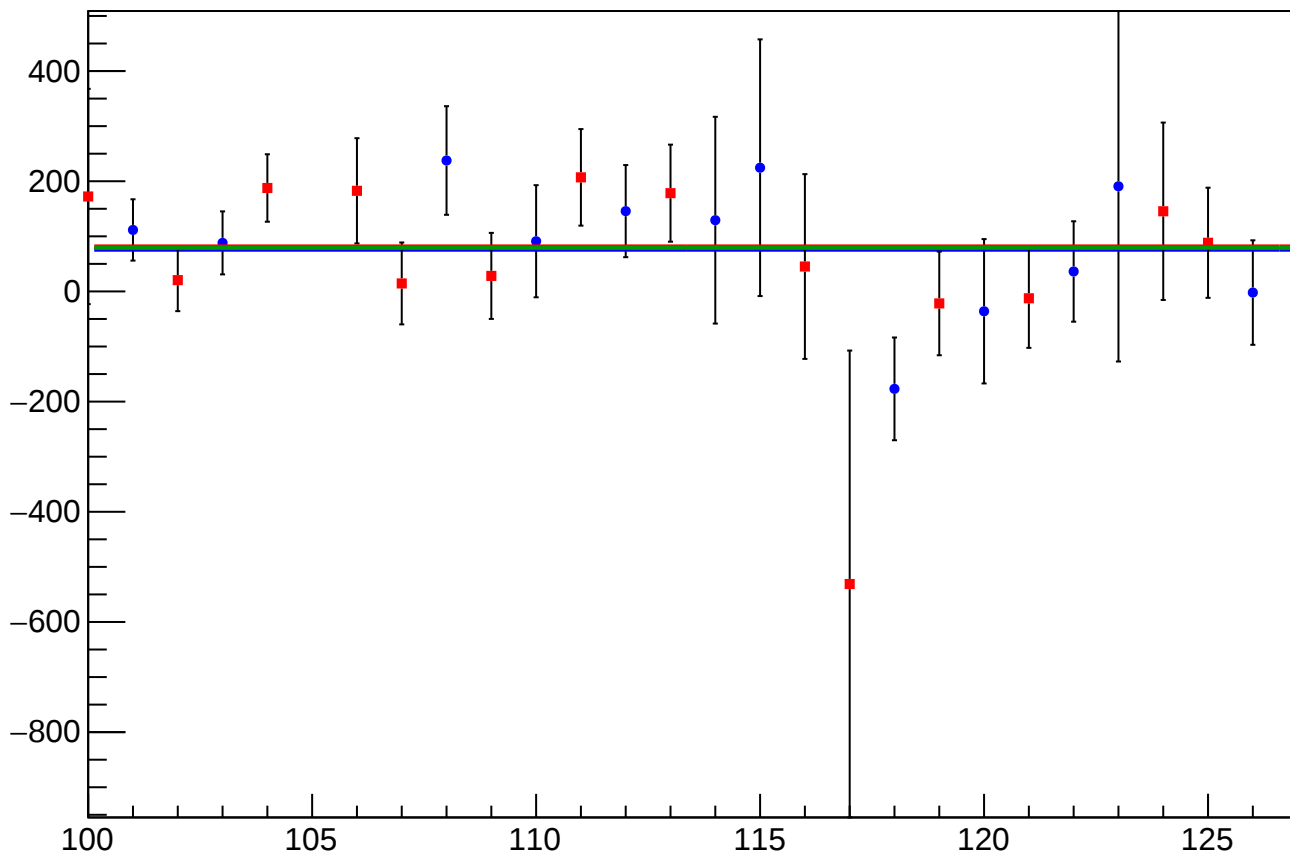
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 75.687+/-26.421 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.714+/-23.161 χ^2/NDF : 14.9/14

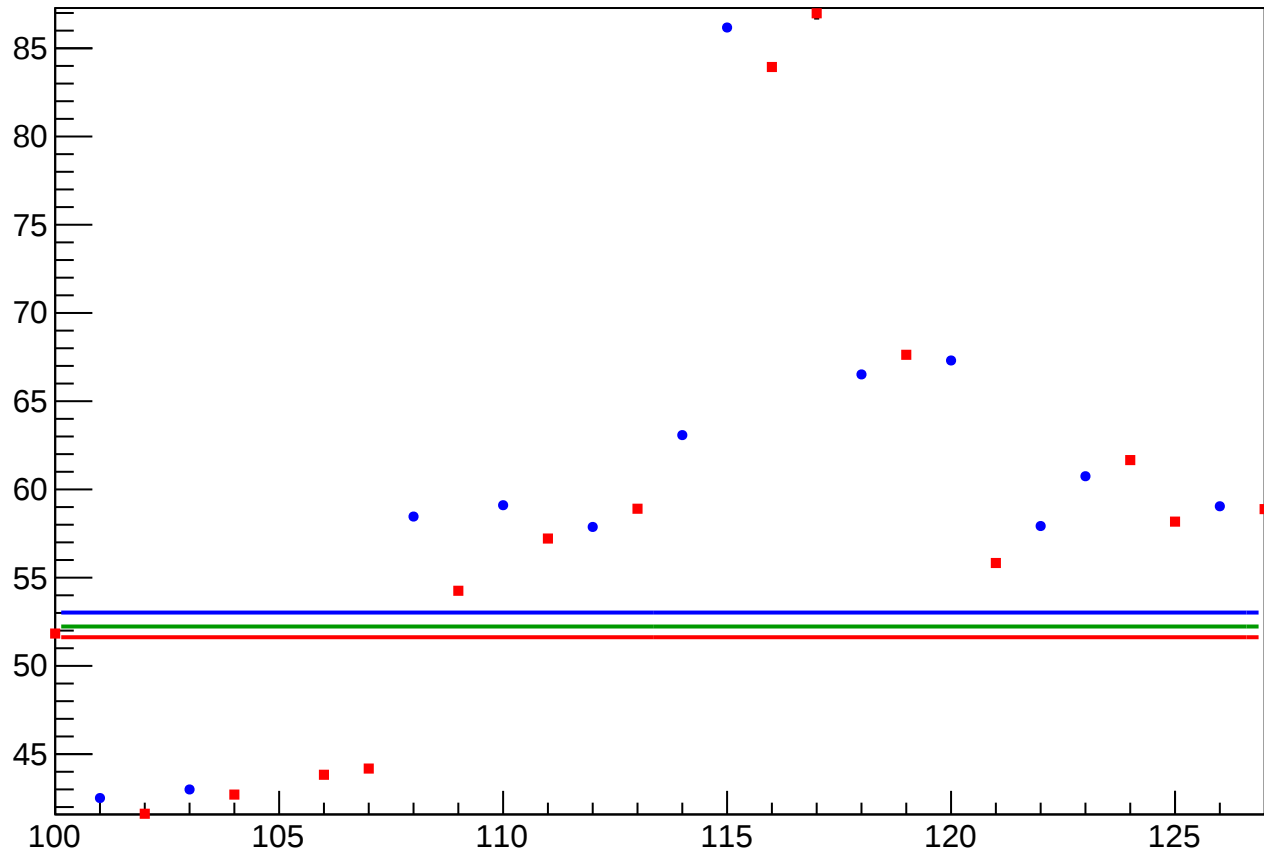
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

75.687+/-26.421 χ^2/NDF : 13.4/11

79.095+/-17.416 χ^2/NDF : 28.3/26

81.714+/-23.161 χ^2/NDF : 14.9/14

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.022+/-0.019 χ^2/NDF : 279717.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.624+/-0.016 χ^2/NDF : 343108.0/14

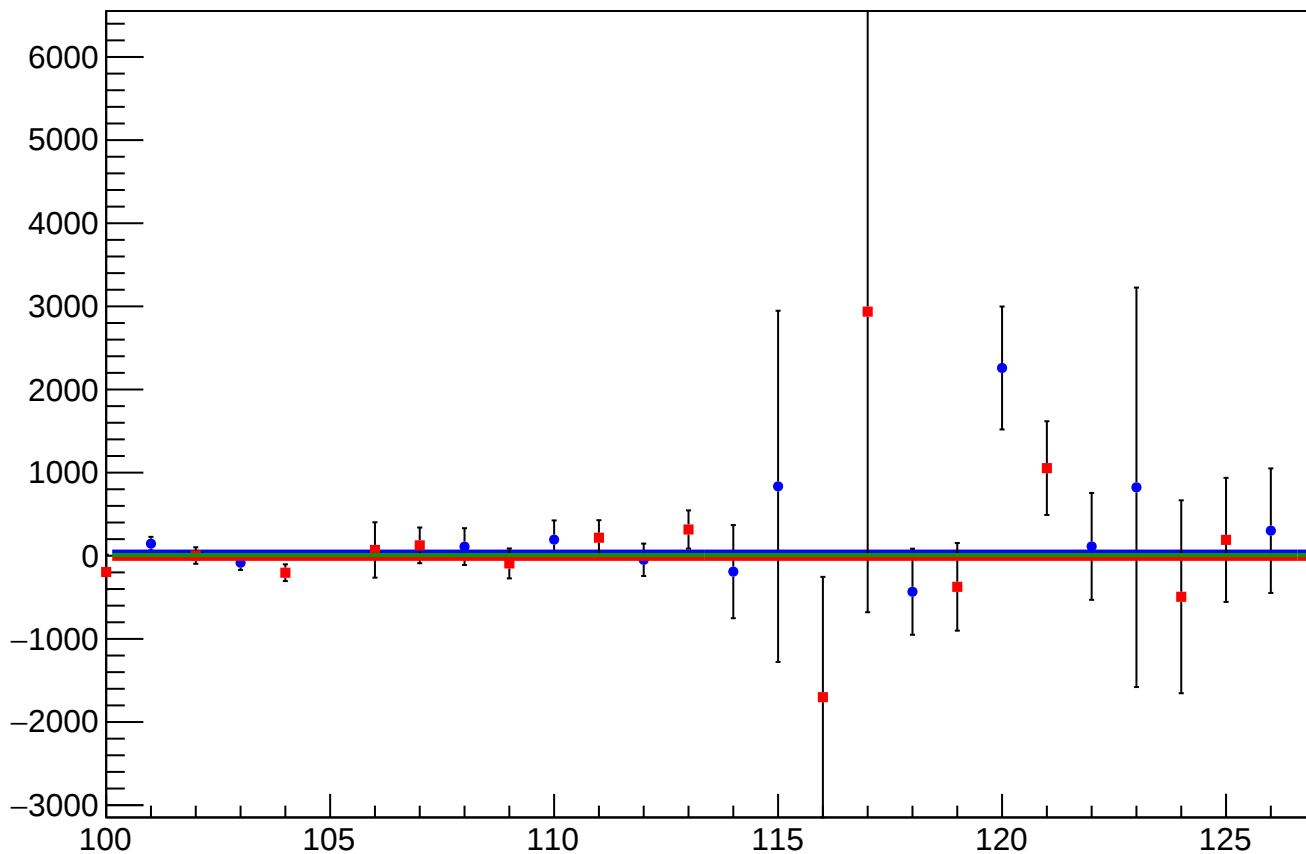
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.022+/-0.019 χ^2/NDF : 279717.8/11

52.232+/-0.012 χ^2/NDF : 625995.1/26

51.624+/-0.016 χ^2/NDF : 343108.0/14

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 50.569+/-52.729 χ^2/NDF : 14.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.138+/-54.483 χ^2/NDF : 15.0/14

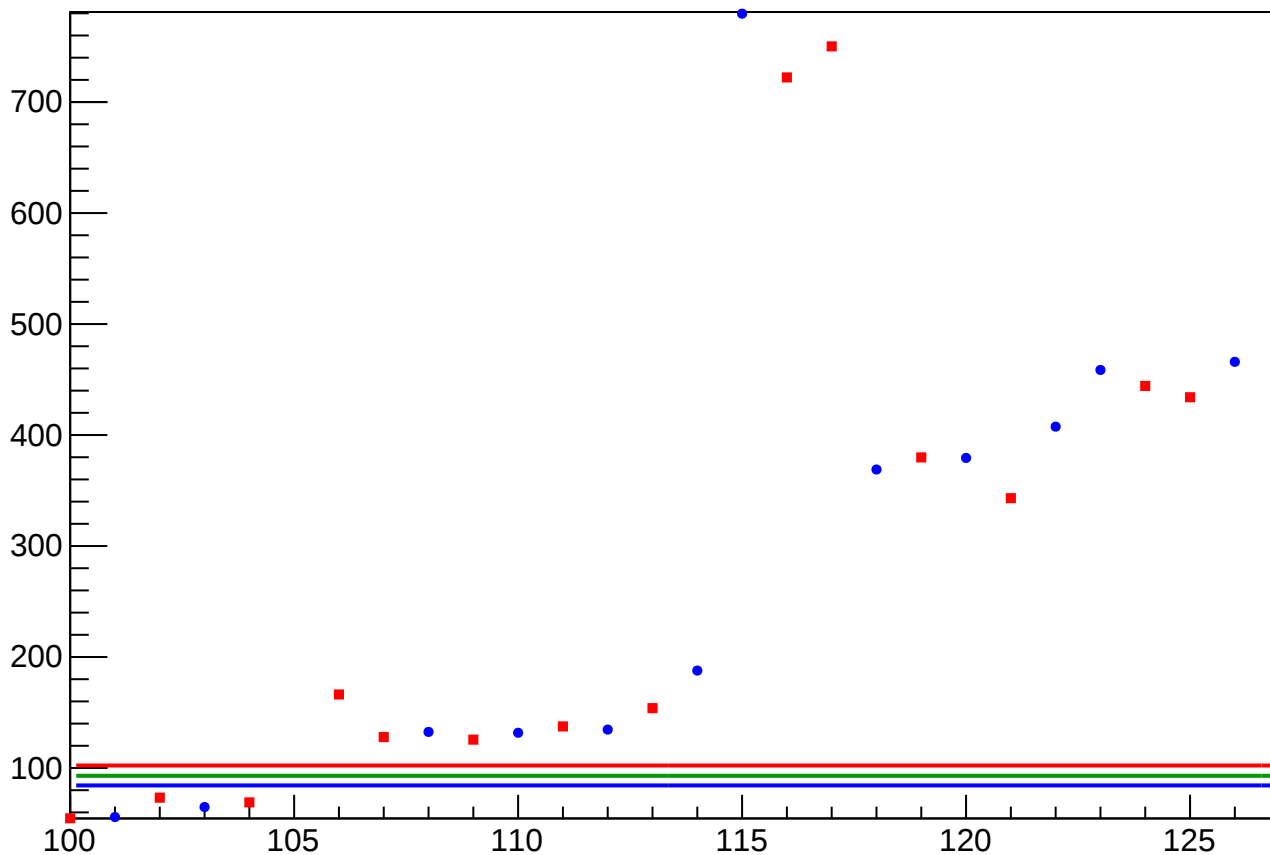
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.569+/-52.729 χ^2/NDF : 14.8/11

8.150+/-37.890 χ^2/NDF : 31.1/26

-37.138+/-54.483 χ^2/NDF : 15.0/14

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 84.281+/-0.037 χ^2/NDF : 2935593.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.245+/-0.039 χ^2/NDF : 3237863.5/14

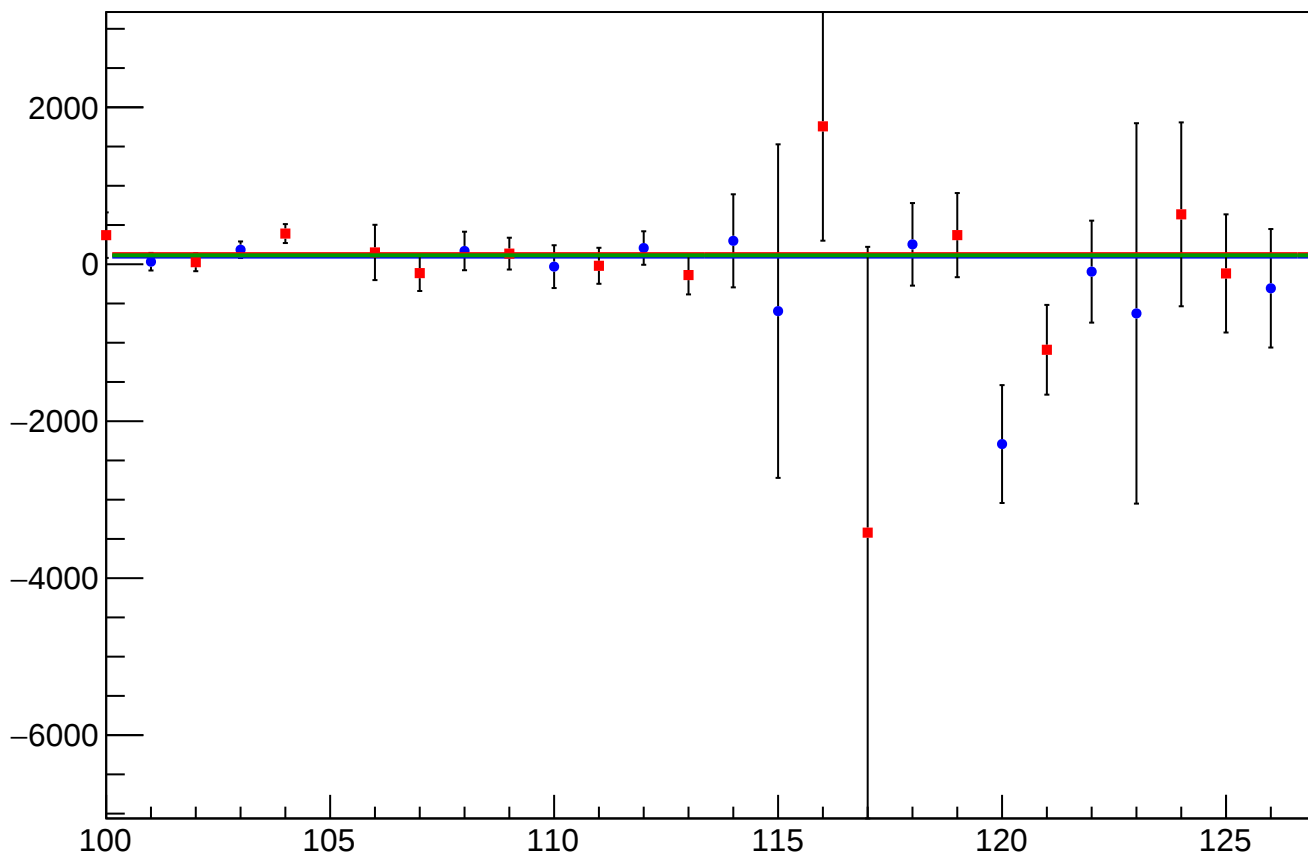
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.281+/-0.037 χ^2/NDF : 2935593.3/11

92.969+/-0.027 χ^2/NDF : 6285720.4/26

102.245+/-0.039 χ^2/NDF : 3237863.5/14

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 97.533+/-65.315 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.998+/-62.618 χ^2/NDF : 16.6/14

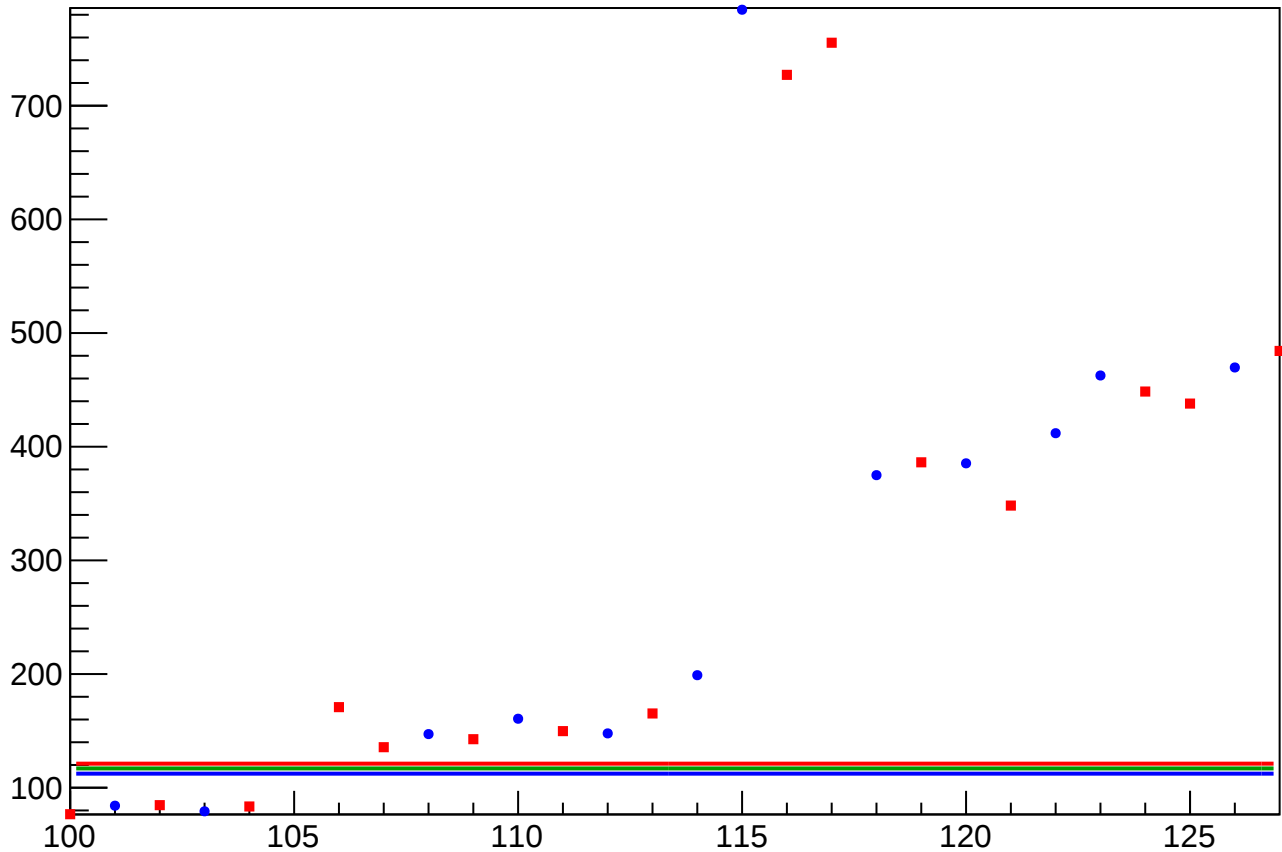
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

97.533+/-65.315 χ^2/NDF : 12.5/11

113.928+/-45.201 χ^2/NDF : 29.2/26

128.998+/-62.618 χ^2/NDF : 16.6/14

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 112.380+/-0.046 χ^2/NDF : 2402236.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.167+/-0.044 χ^2/NDF : 2816843.2/14

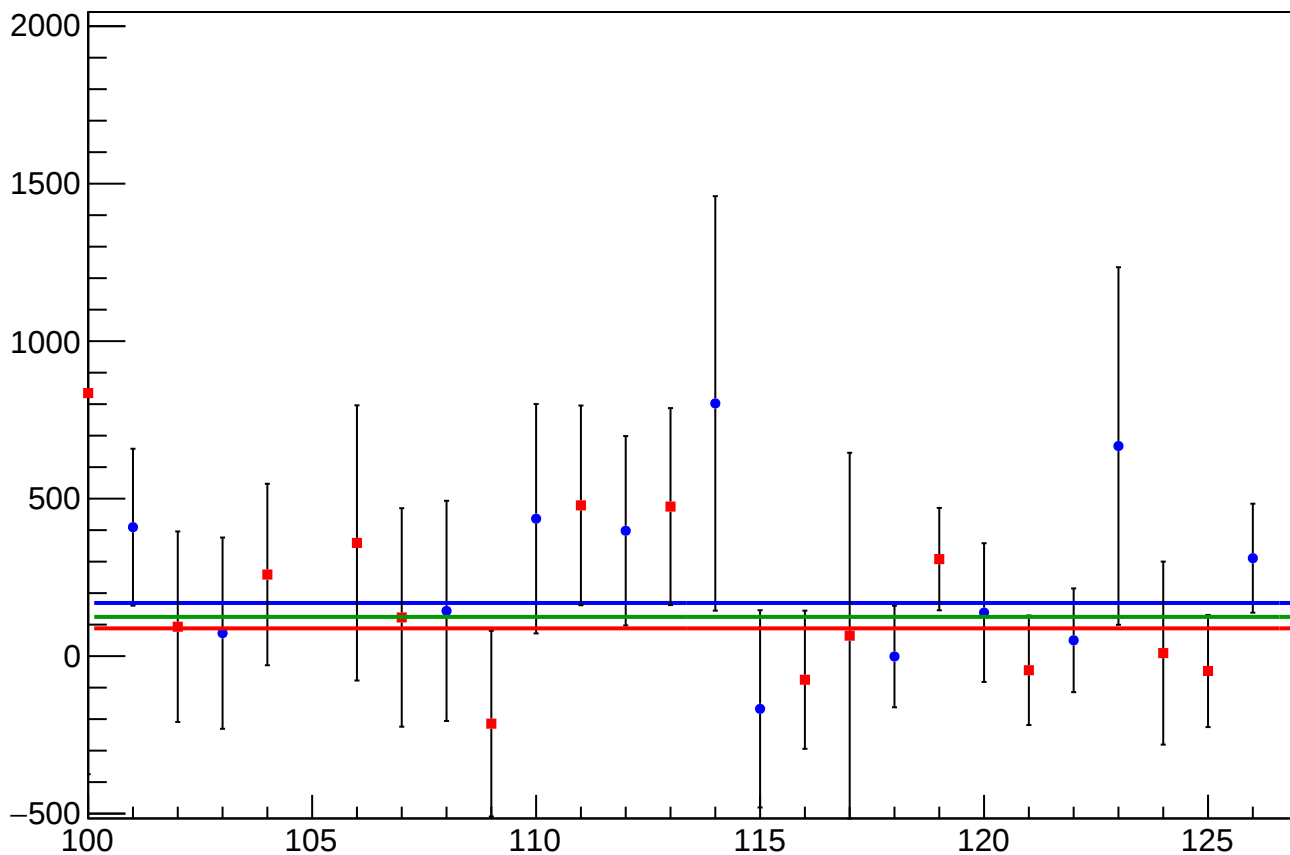
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.380+/-0.046 χ^2/NDF : 2402236.9/11

116.958+/-0.032 χ^2/NDF : 5237942.6/26

121.167+/-0.044 χ^2/NDF : 2816843.2/14

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 168.759 $\pm$ 70.940 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.162 $\pm$ 64.291 χ^2 /NDF: 9.3/14

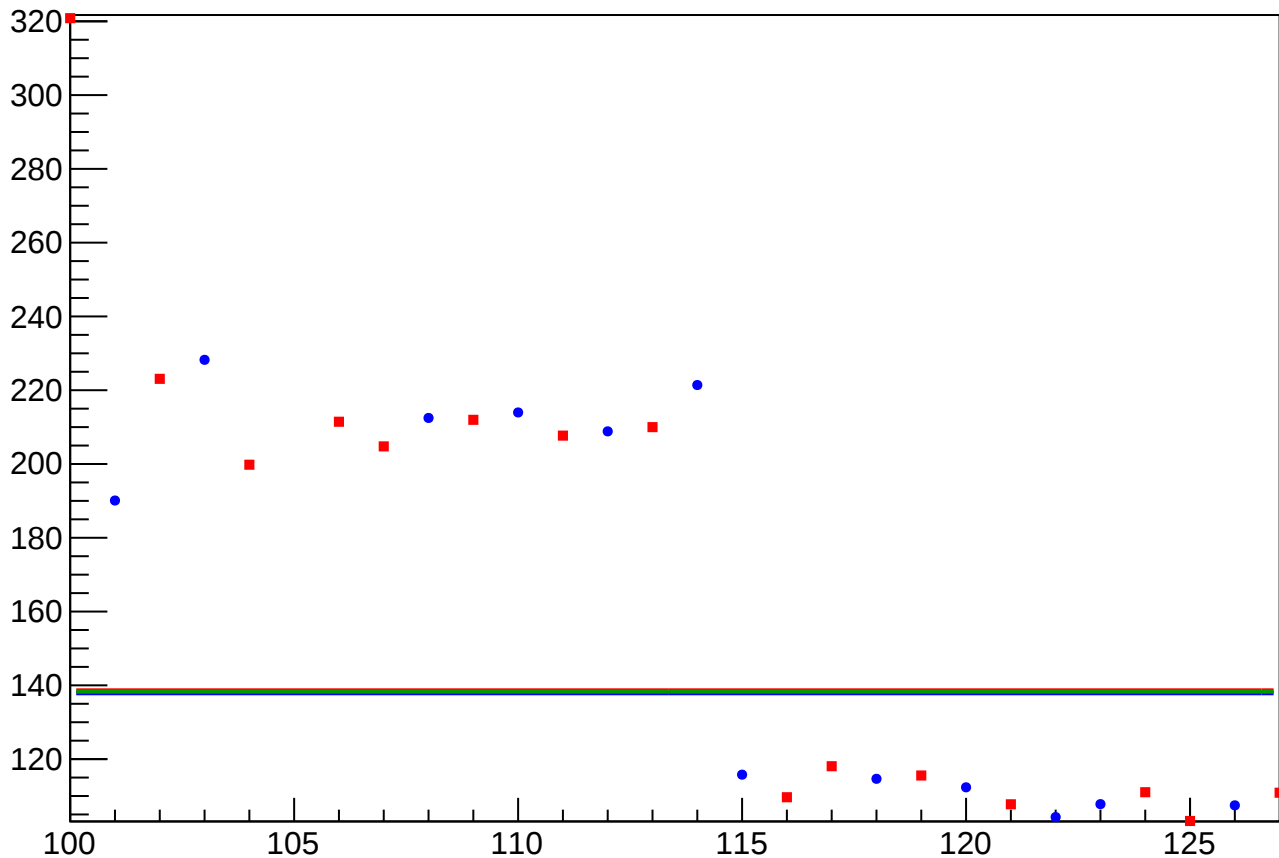
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

168.759 $\pm$ 70.940 χ^2 /NDF: 7.3/11

124.507 $\pm$ 47.638 χ^2 /NDF: 17.3/26

88.162 $\pm$ 64.291 χ^2 /NDF: 9.3/14

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 137.846+/-0.050 χ^2/NDF : 816090.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.651+/-0.045 χ^2/NDF : 1034223.1/14

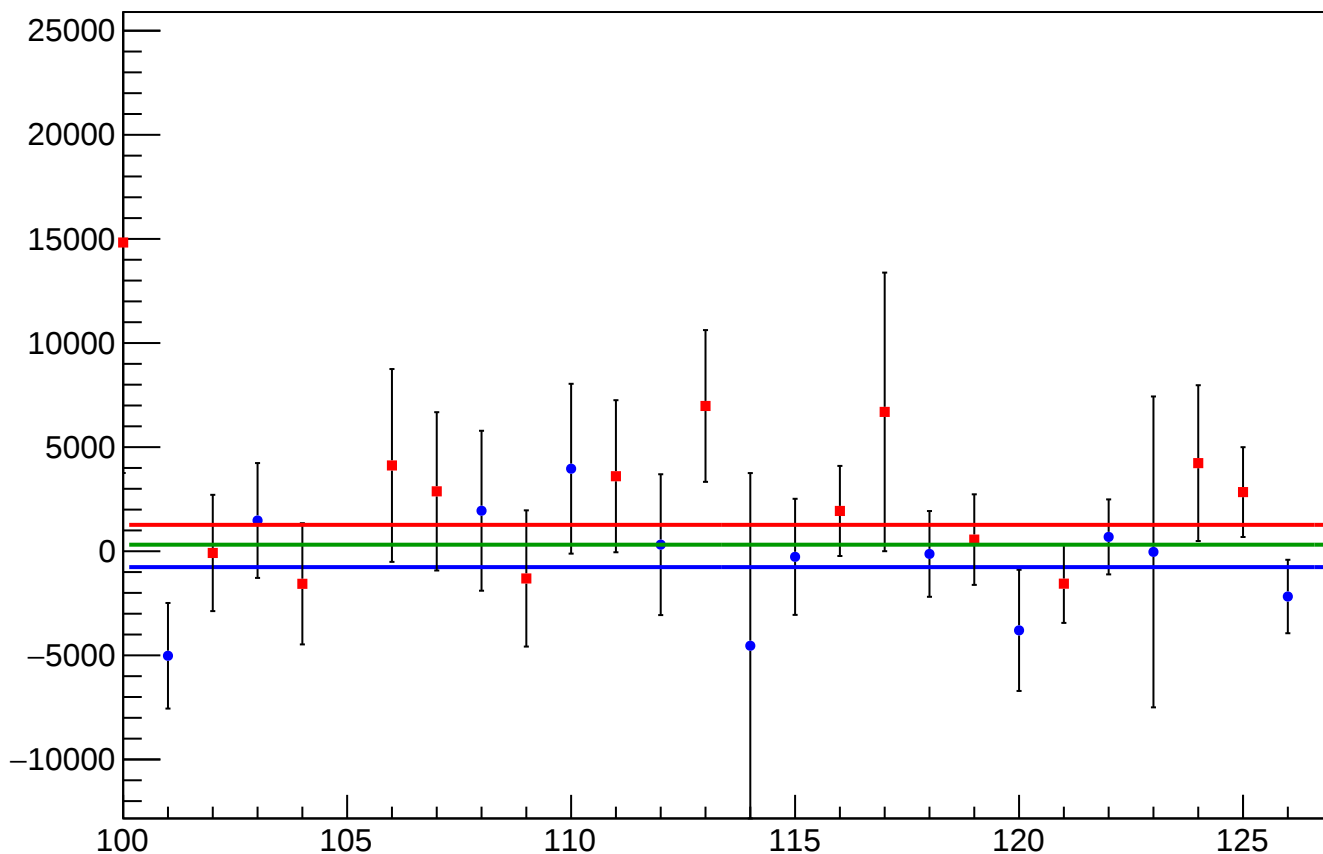
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.846+/-0.050 χ^2/NDF : 816090.1/11

138.288+/-0.034 χ^2/NDF : 1850454.8/26

138.651+/-0.045 χ^2/NDF : 1034223.1/14

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -762.071+/-779.216 χ^2/NDF : 8.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1267.991+/-733.167 χ^2/NDF : 11.0/14

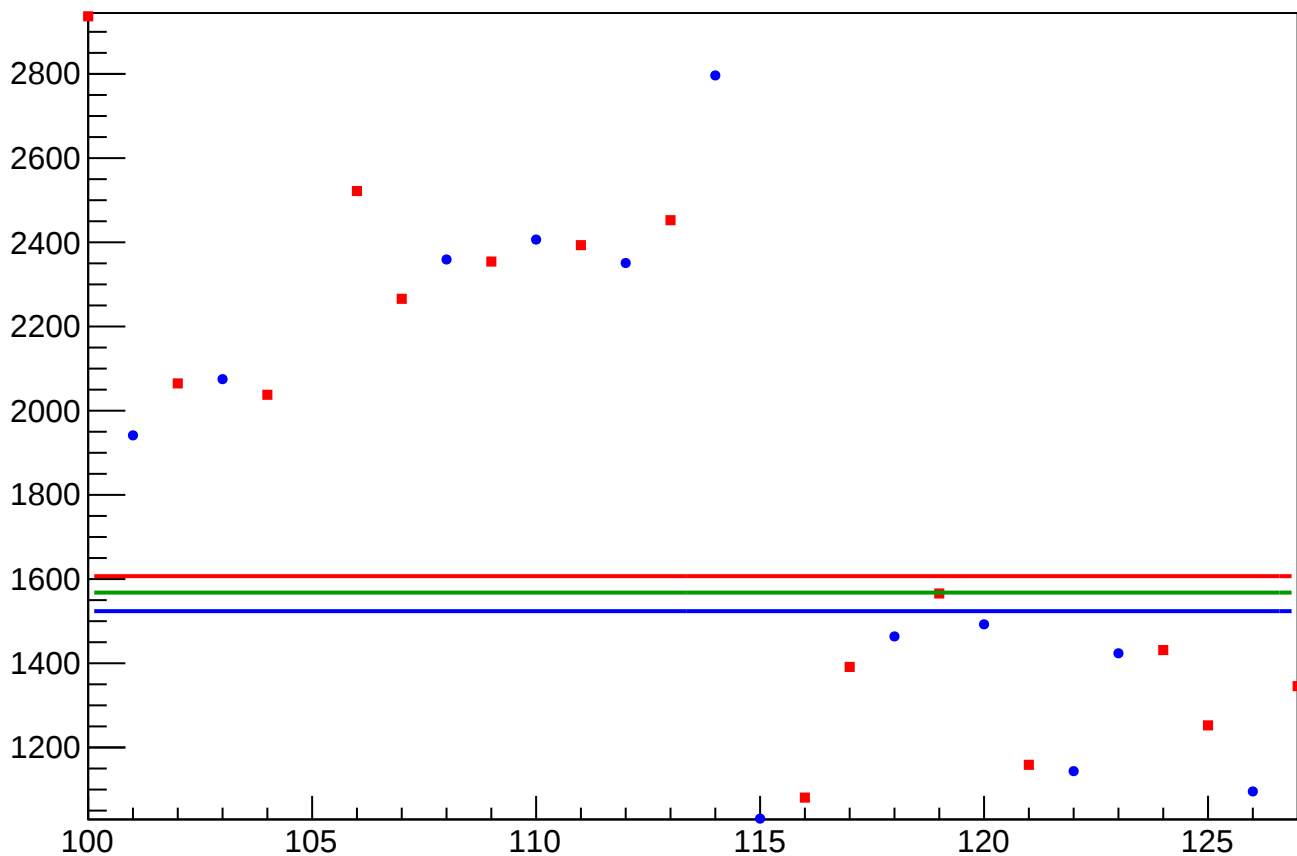
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-762.071+/-779.216 χ^2/NDF : 8.1/11

314.714+/-533.965 χ^2/NDF : 22.8/26

1267.991+/-733.167 χ^2/NDF : 11.0/14

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1523.793+/-0.551 χ^2/NDF : 760880.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1606.933+/-0.518 χ^2/NDF : 893382.6/14

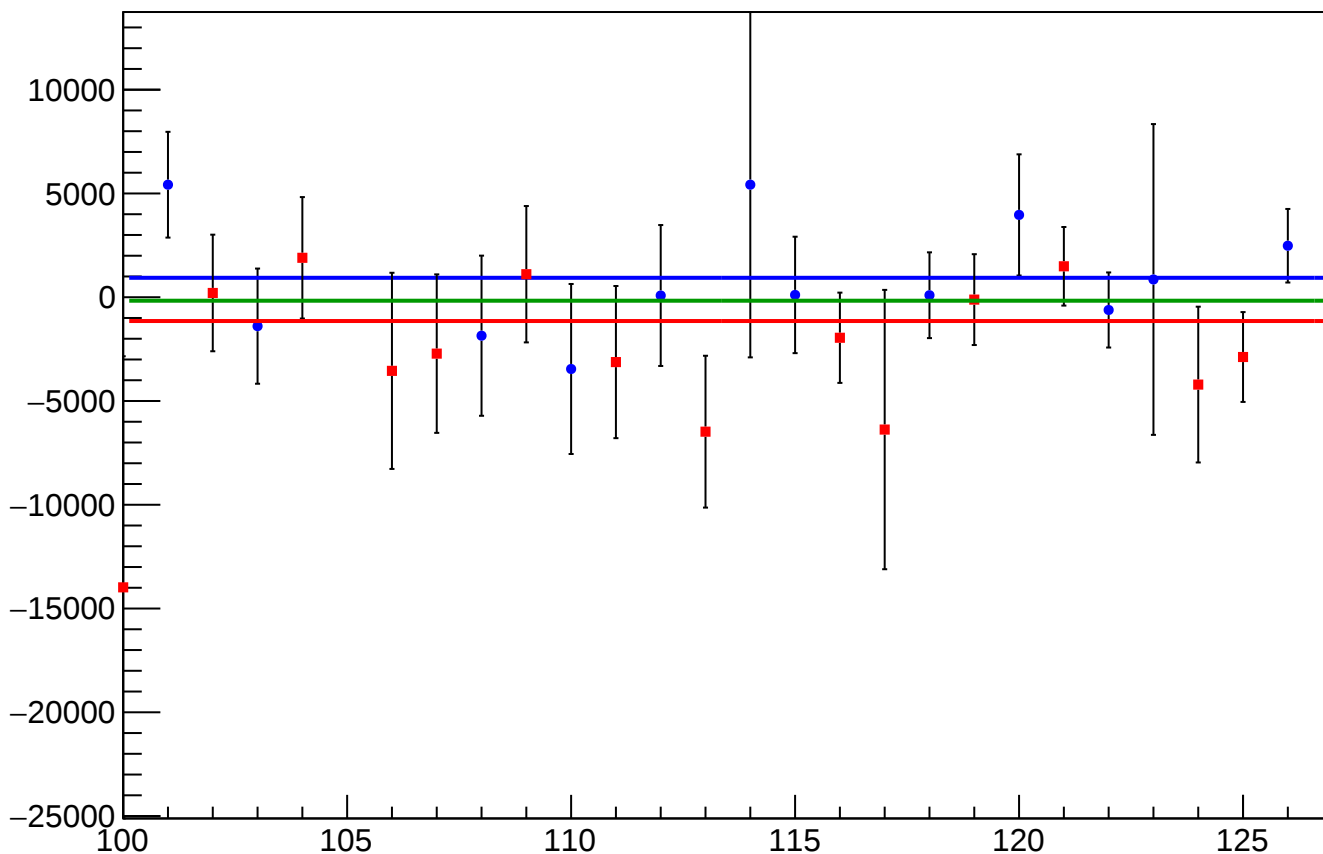
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1523.793+/-0.551 χ^2/NDF : 760880.1/11

1567.892+/-0.378 χ^2/NDF : 1666339.7/26

1606.933+/-0.518 χ^2/NDF : 893382.6/14

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 936.354+/-782.751 χ^2/NDF : 8.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.444+/-736.836 χ^2/NDF : 10.2/14

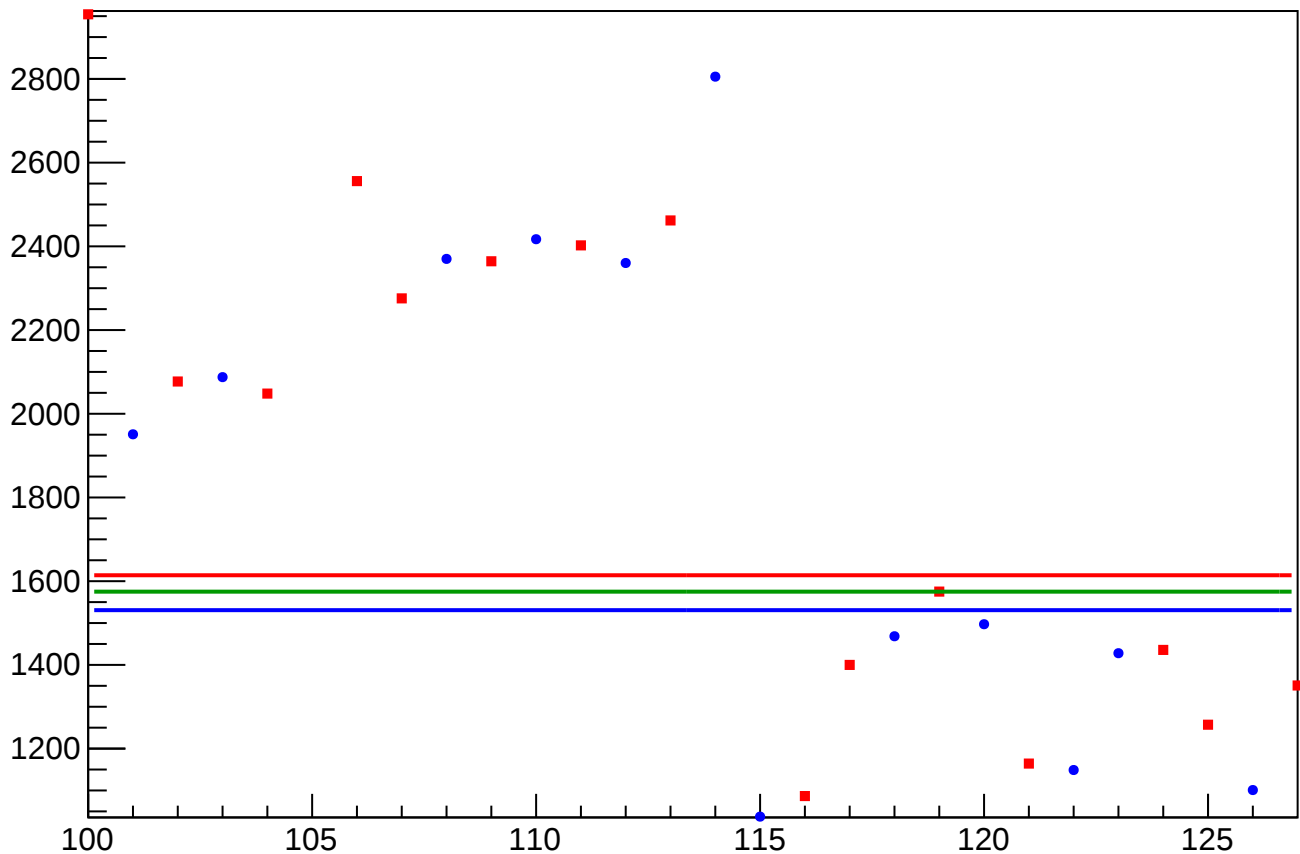
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

936.354+/-782.751 χ^2/NDF : 8.7/11

-167.920+/-536.520 χ^2/NDF : 22.6/26

-1146.444+/-736.836 χ^2/NDF : 10.2/14

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1530.770+/-0.553 χ^2/NDF : 760459.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.169+/-0.521 χ^2/NDF : 894927.8/14

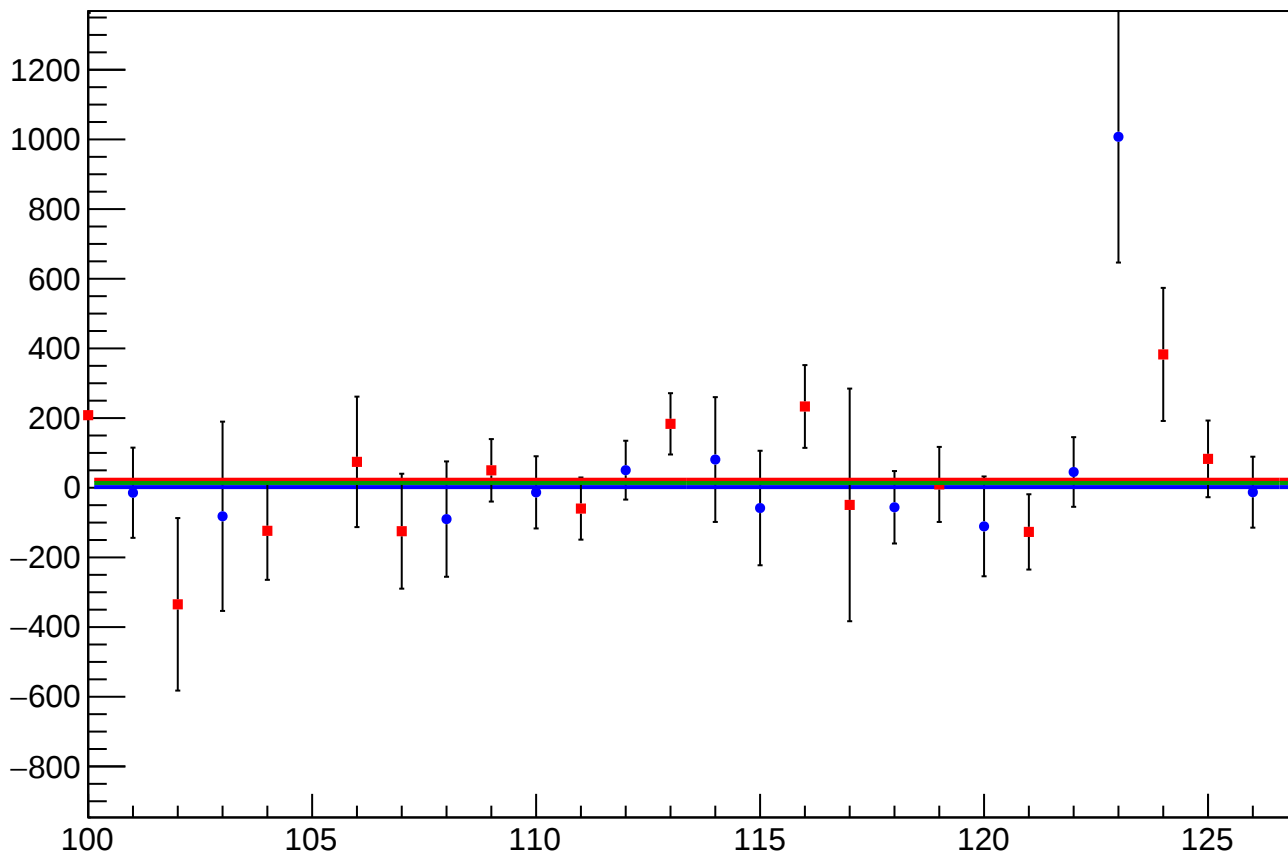
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1530.770+/-0.553 χ^2/NDF : 760459.9/11

1574.987+/-0.379 χ^2/NDF : 1667425.1/26

1614.169+/-0.521 χ^2/NDF : 894927.8/14

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1.886+/-36.362 χ^2 /NDF: 10.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 23.070+/-32.298 χ^2 /NDF: 18.9/14

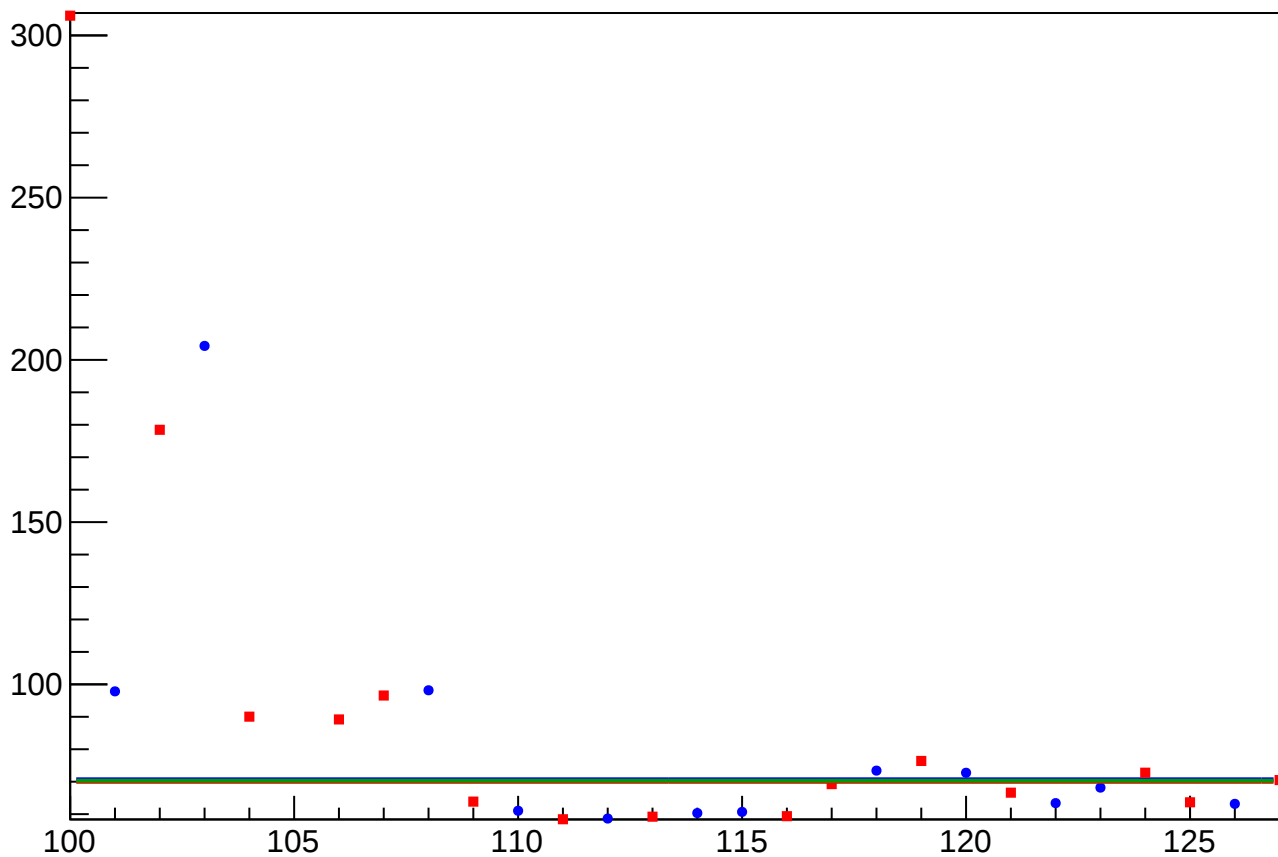
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.886+/-36.362 χ^2 /NDF: 10.0/11

13.727+/-24.147 χ^2 /NDF: 29.1/26

23.070+/-32.298 χ^2 /NDF: 18.9/14

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 70.731 $\pm$ 0.026 χ^2 /NDF: 722249.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.967 $\pm$ 0.023 χ^2 /NDF: 685816.0/14

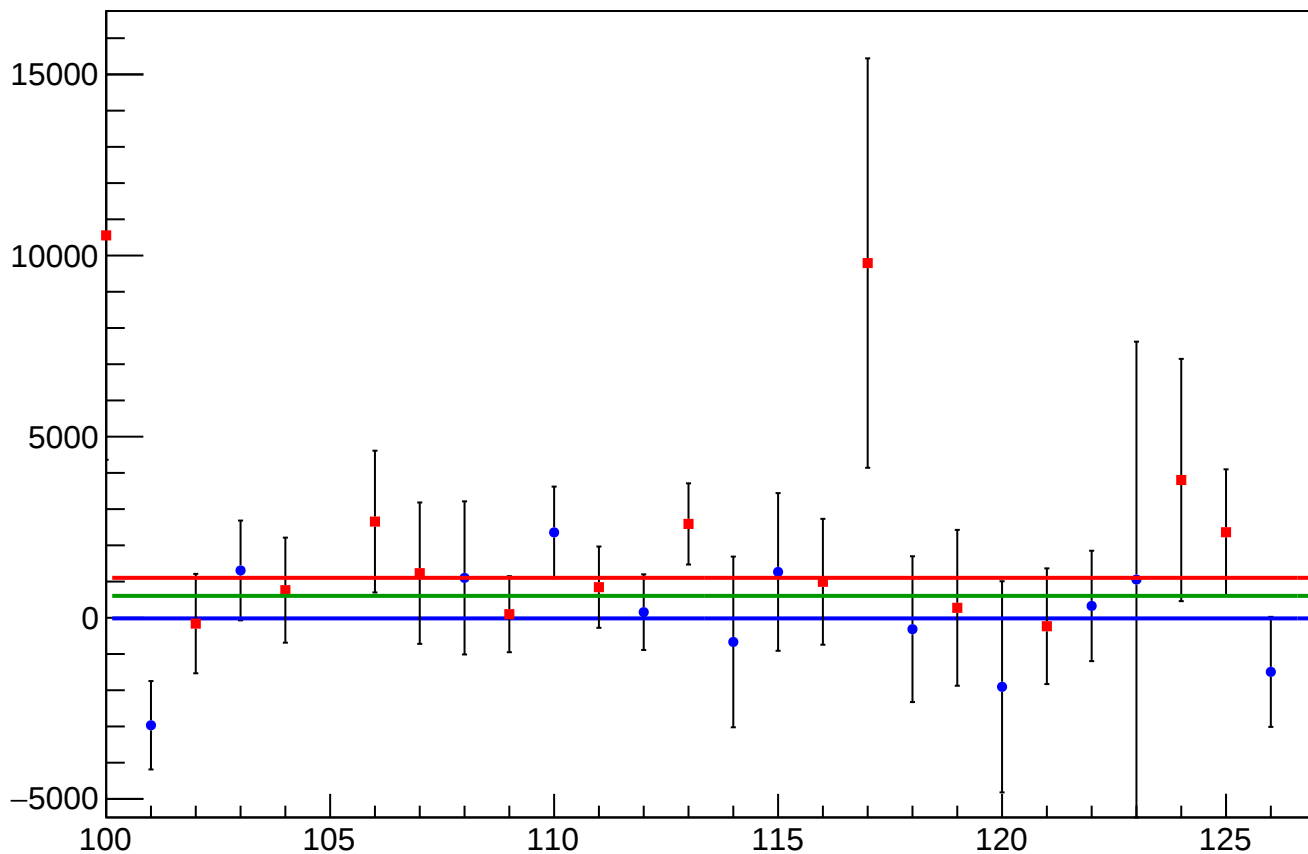
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

70.731 $\pm$ 0.026 χ^2 /NDF: 722249.1/11

70.304 $\pm$ 0.017 χ^2 /NDF: 1408559.6/26

69.967 $\pm$ 0.023 χ^2 /NDF: 685816.0/14

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -16.542 ± 465.740 $\chi^2/\text{NDF}: 12.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1102.922 ± 416.813 $\chi^2/\text{NDF}: 11.0/14$

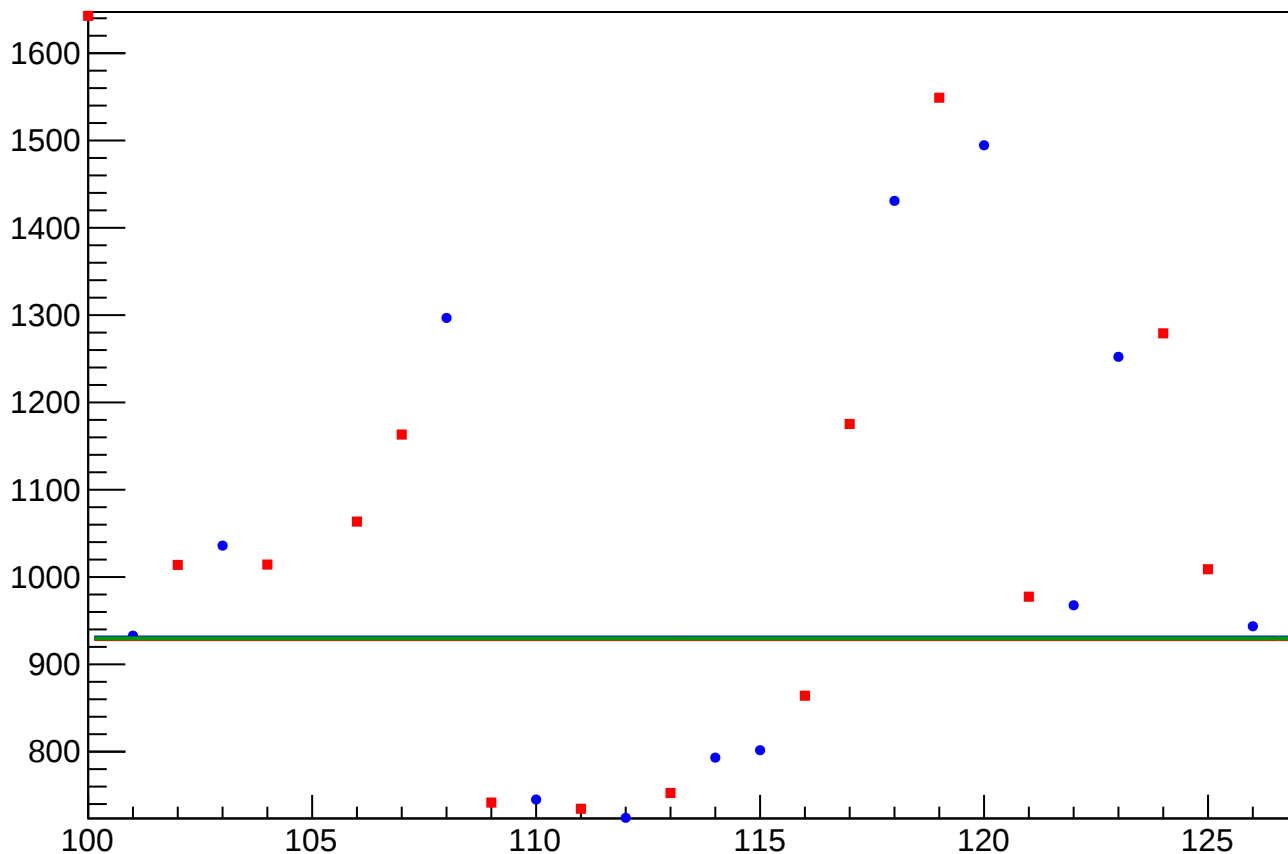
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-16.542 ± 465.740 $\chi^2/\text{NDF}: 12.5/11$

605.061 ± 310.594 $\chi^2/\text{NDF}: 26.7/26$

1102.922 ± 416.813 $\chi^2/\text{NDF}: 11.0/14$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 930.731+/-0.329 χ^2/NDF : 411442.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.903+/-0.295 χ^2/NDF : 481929.1/14

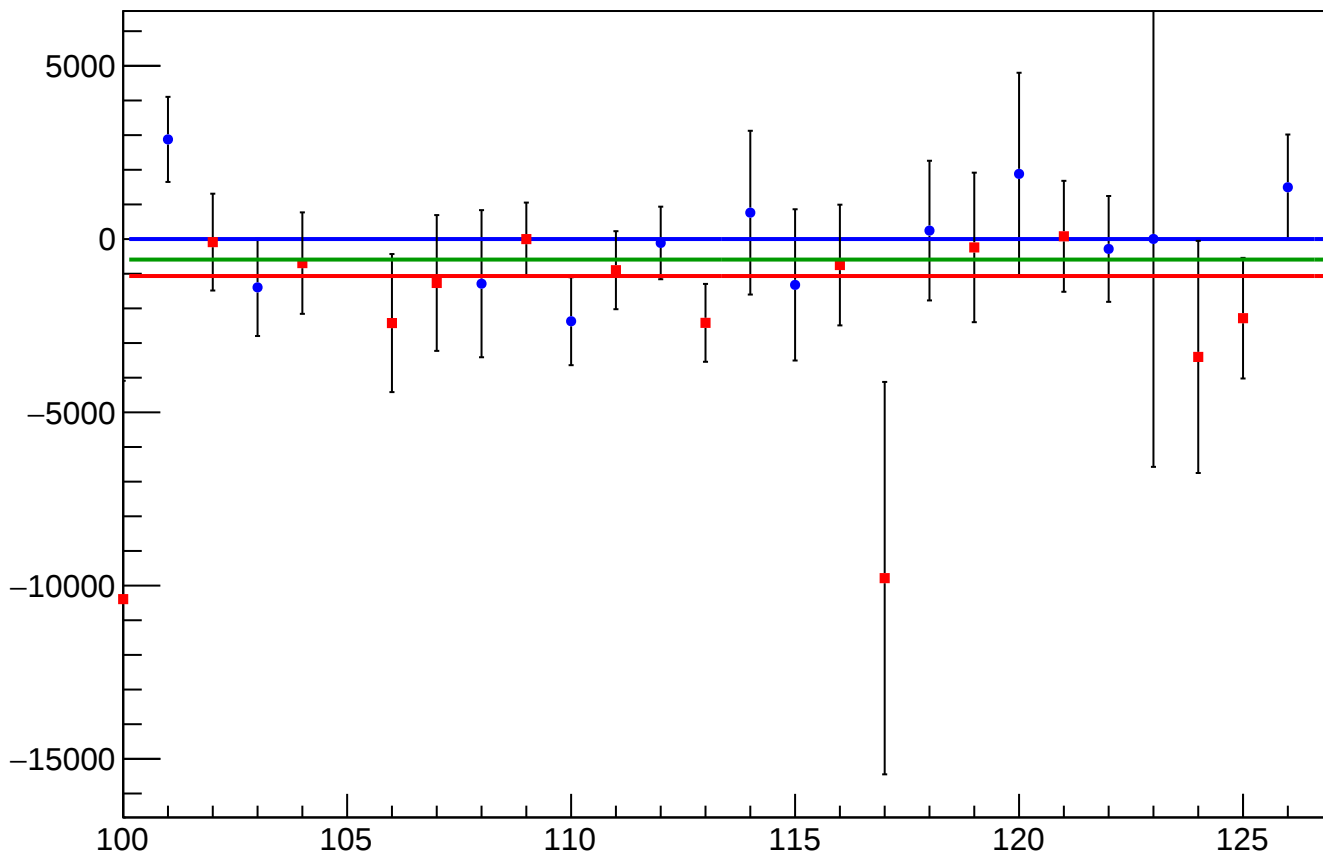
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

930.731+/-0.329 χ^2/NDF : 411442.3/11

929.716+/-0.220 χ^2/NDF : 893388.5/26

928.903+/-0.295 χ^2/NDF : 481929.1/14

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1.287+/-468.184 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1065.885+/-419.181 χ^2/NDF : 9.8/14

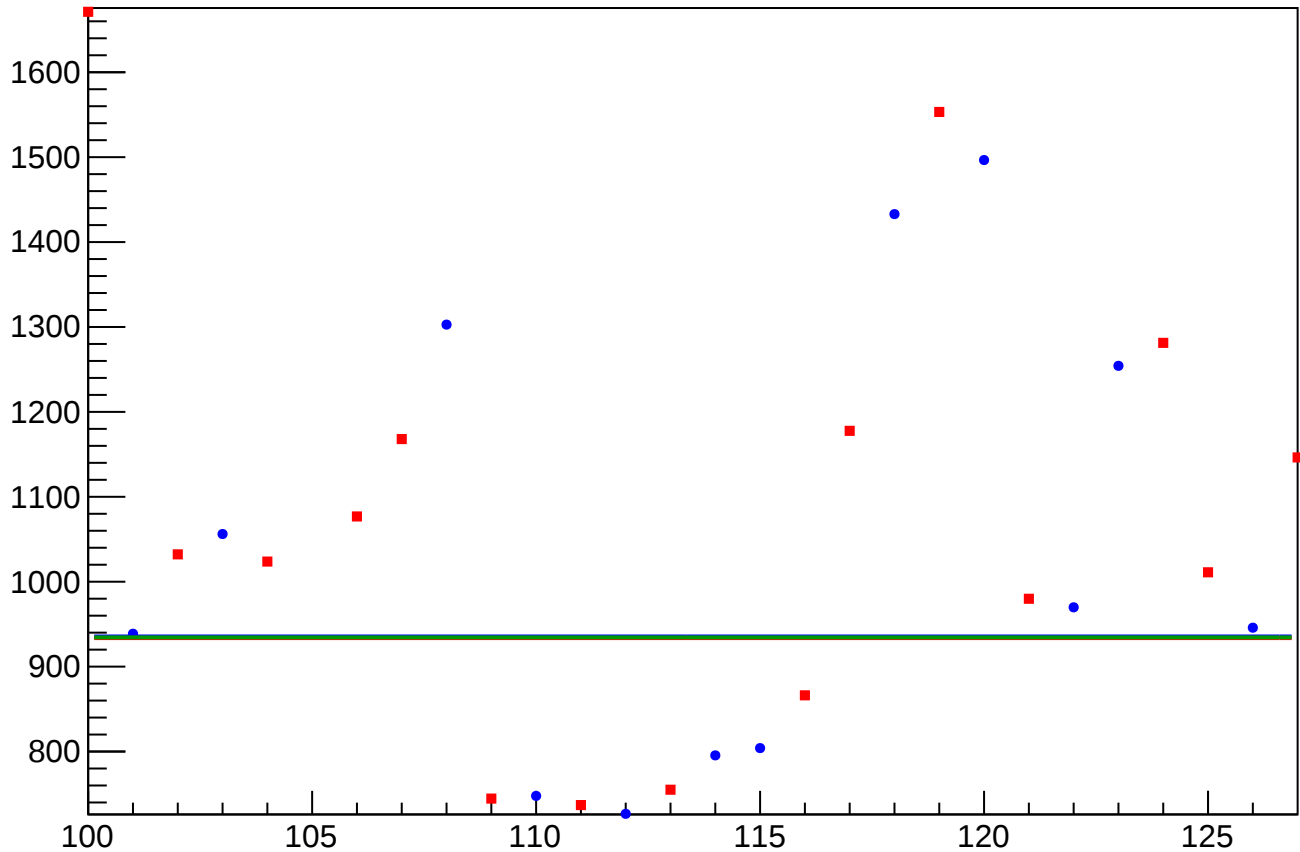
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.287+/-468.184 χ^2/NDF : 12.2/11

-591.053+/-312.298 χ^2/NDF : 24.9/26

-1065.885+/-419.181 χ^2/NDF : 9.8/14

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 935.477+/-0.331 χ^2/NDF : 413867.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 933.611+/-0.296 χ^2/NDF : 486571.5/14

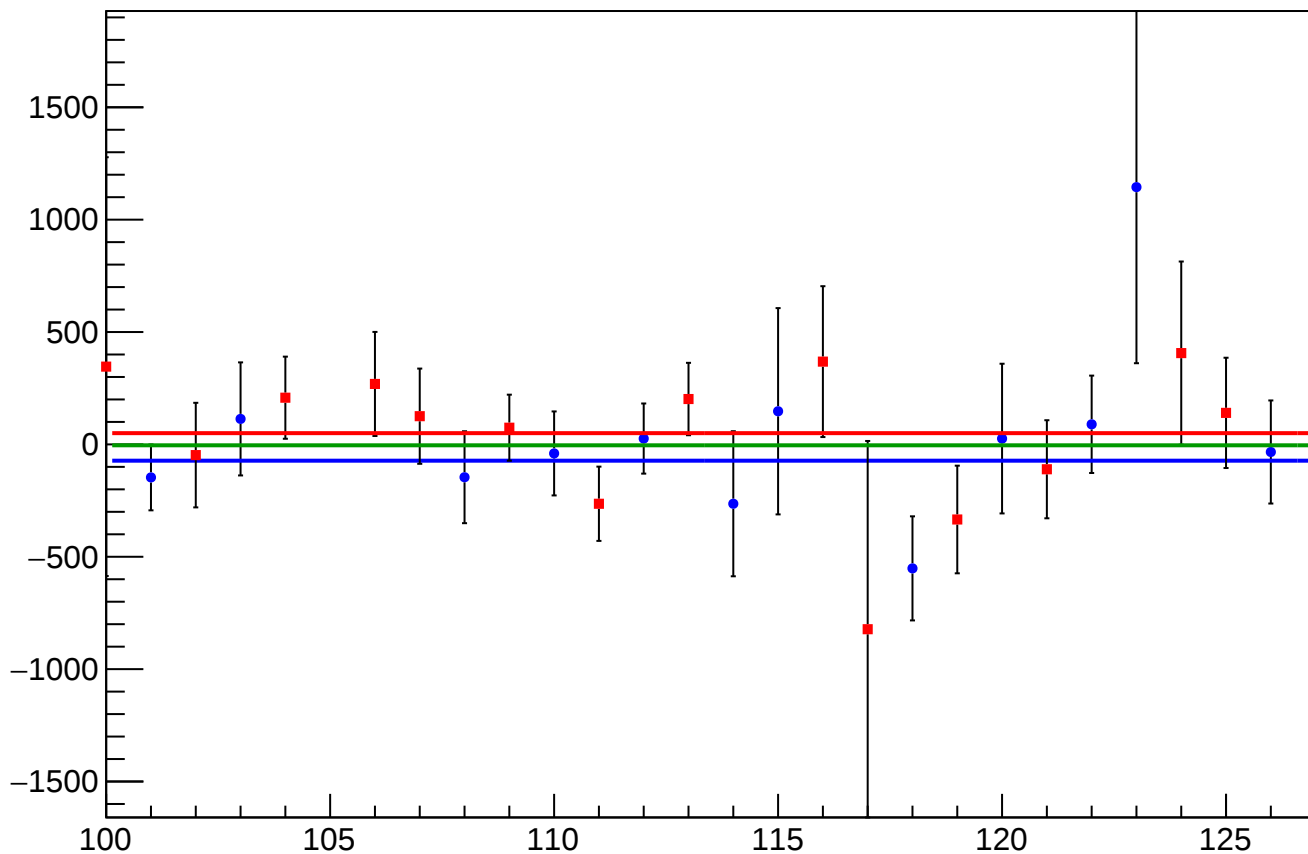
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

935.477+/-0.331 χ^2/NDF : 413867.2/11

934.441+/-0.221 χ^2/NDF : 900456.3/26

933.611+/-0.296 χ^2/NDF : 486571.5/14

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -72.458 $\pm$ 64.553 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.073 $\pm$ 57.395 χ^2 /NDF: 12.6/14

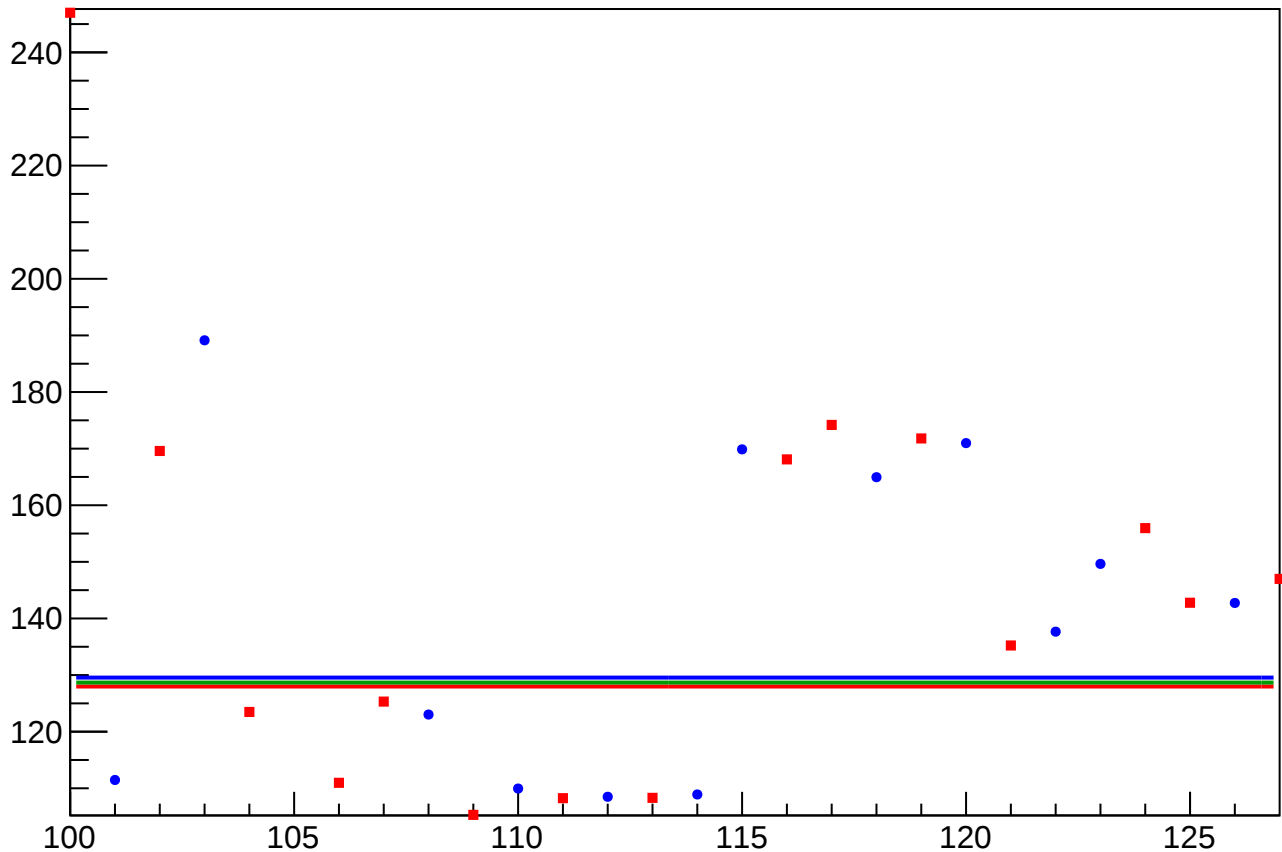
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-72.458 $\pm$ 64.553 χ^2 /NDF: 9.3/11

-4.025 $\pm$ 42.893 χ^2 /NDF: 23.9/26

50.073 $\pm$ 57.395 χ^2 /NDF: 12.6/14

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.555+/-0.046 χ^2/NDF : 315177.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.979+/-0.041 χ^2/NDF : 349989.8/14

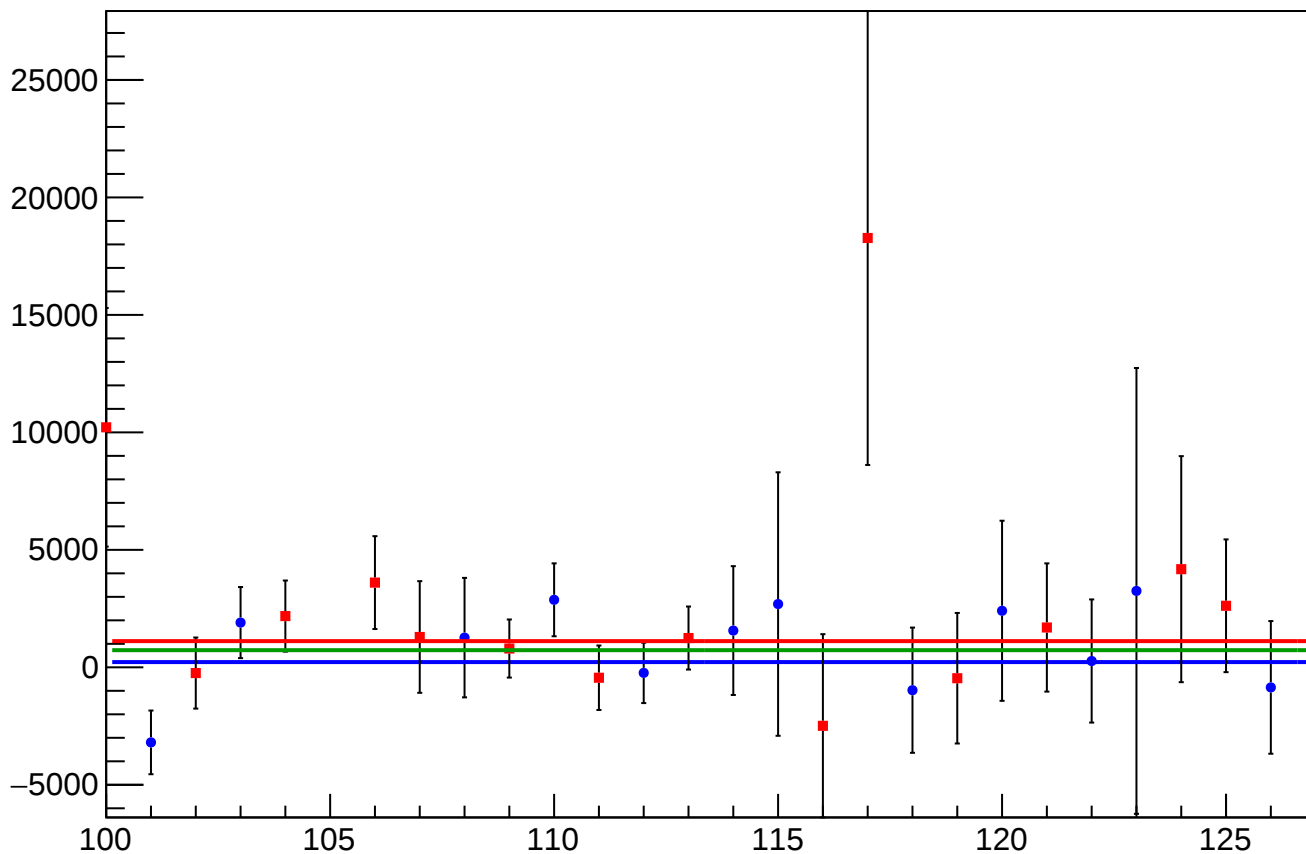
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

129.555+/-0.046 χ^2/NDF : 315177.1/11

128.675+/-0.030 χ^2/NDF : 665832.0/26

127.979+/-0.041 χ^2/NDF : 349989.8/14

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 222.995 $\pm$ 596.301 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1115.173 $\pm$ 519.789 χ^2 /NDF: 12.6/14

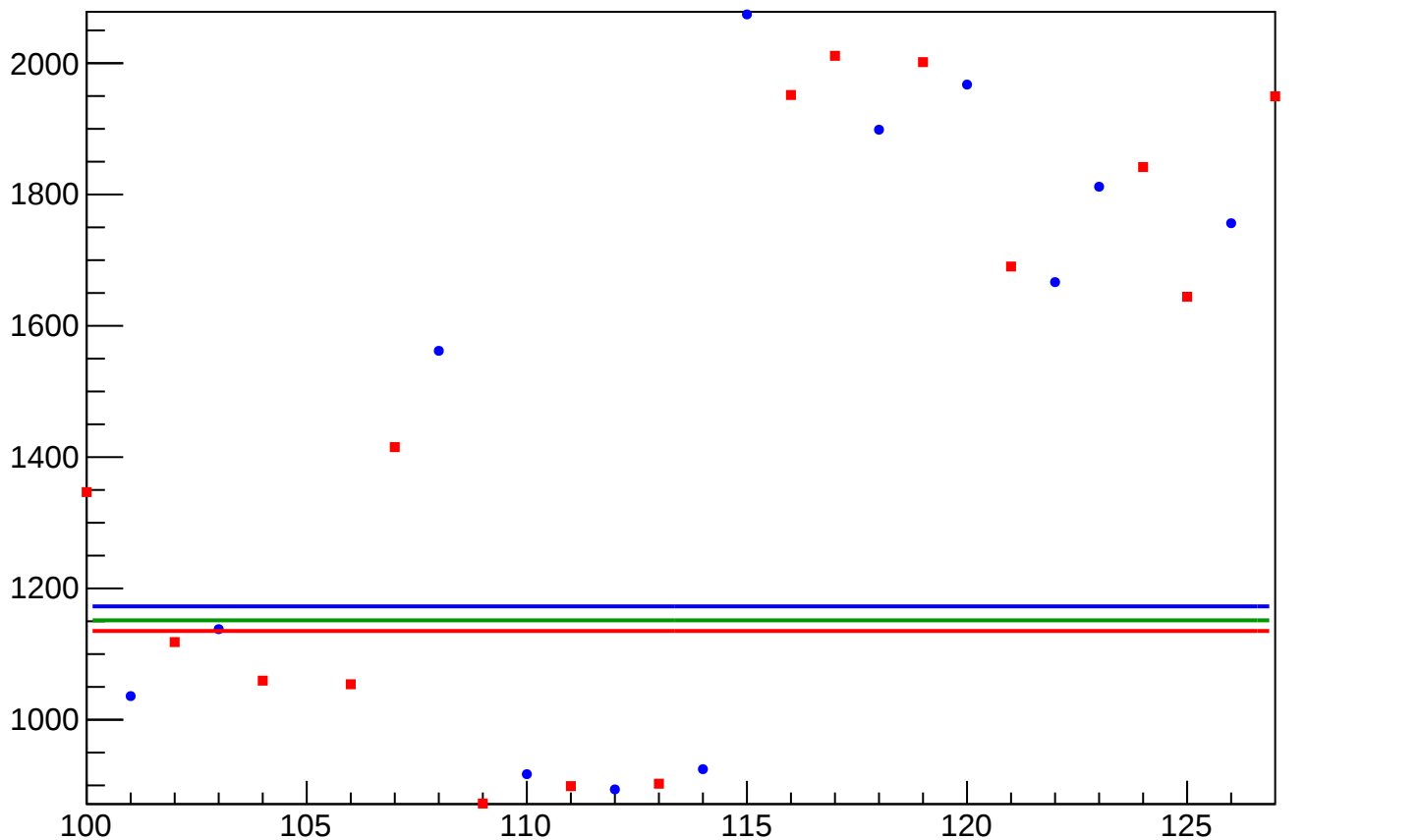
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

222.995 $\pm$ 596.301 χ^2 /NDF: 12.0/11

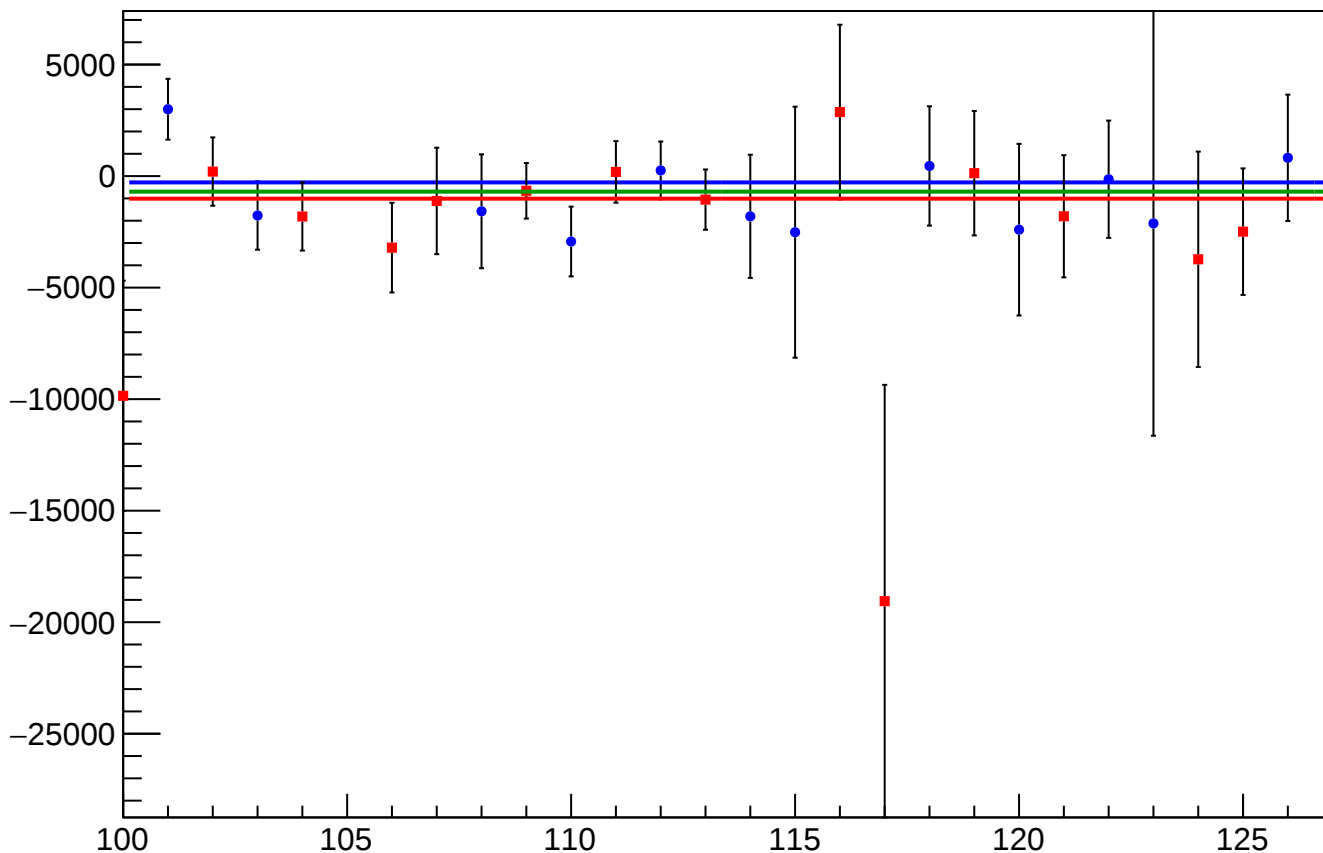
729.960 $\pm$ 391.823 χ^2 /NDF: 25.9/26

1115.173 $\pm$ 519.789 χ^2 /NDF: 12.6/14

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -282.830 $\pm$ 600.608 χ^2/NDF : 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1011.789 $\pm$ 524.086 χ^2/NDF : 11.2/14

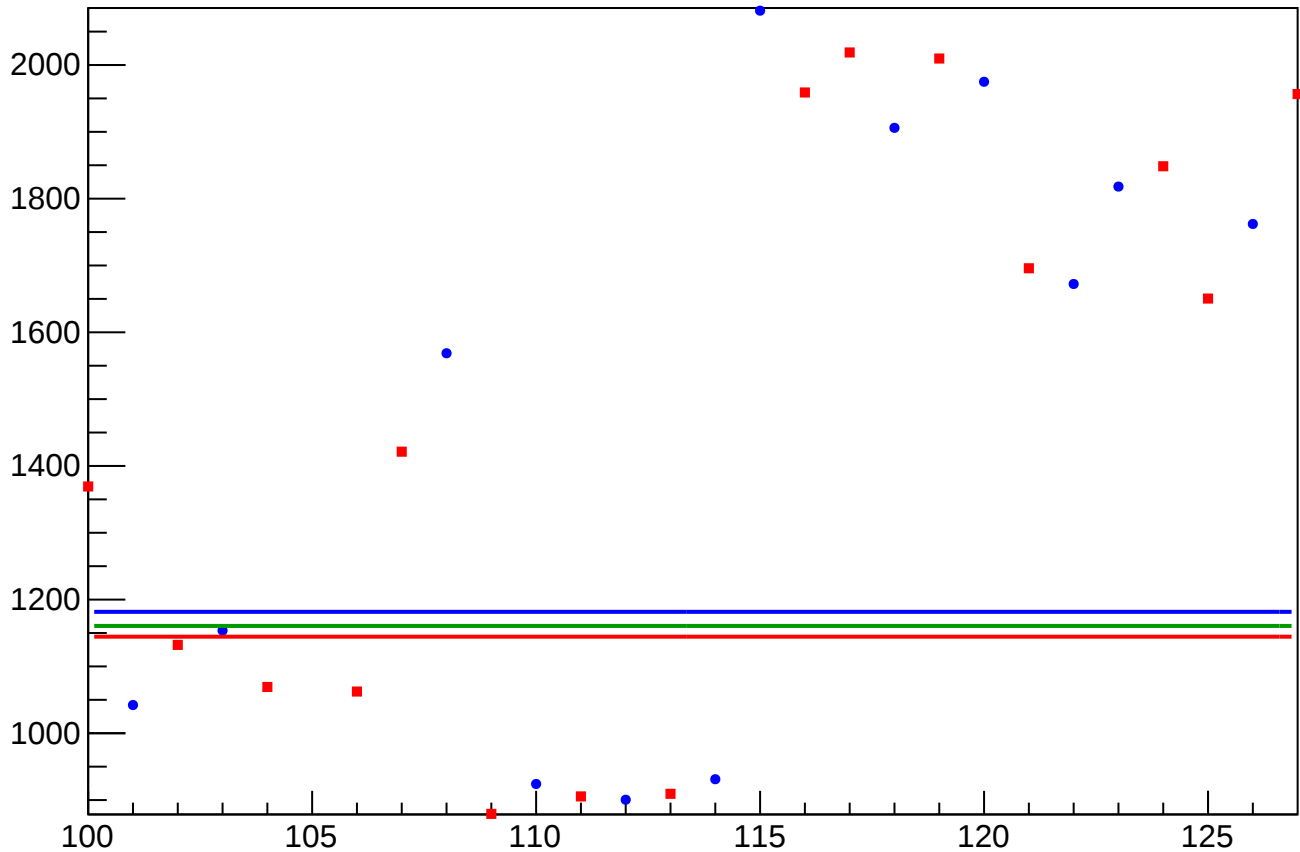
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-282.830 $\pm$ 600.608 χ^2/NDF : 11.1/11

-696.678 $\pm$ 394.886 χ^2/NDF : 23.1/26

-1011.789 $\pm$ 524.086 χ^2/NDF : 11.2/14

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1181.703 $\pm$ 0.425 χ^2 /NDF: 677909.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1144.507 $\pm$ 0.371 χ^2 /NDF: 870977.6/14

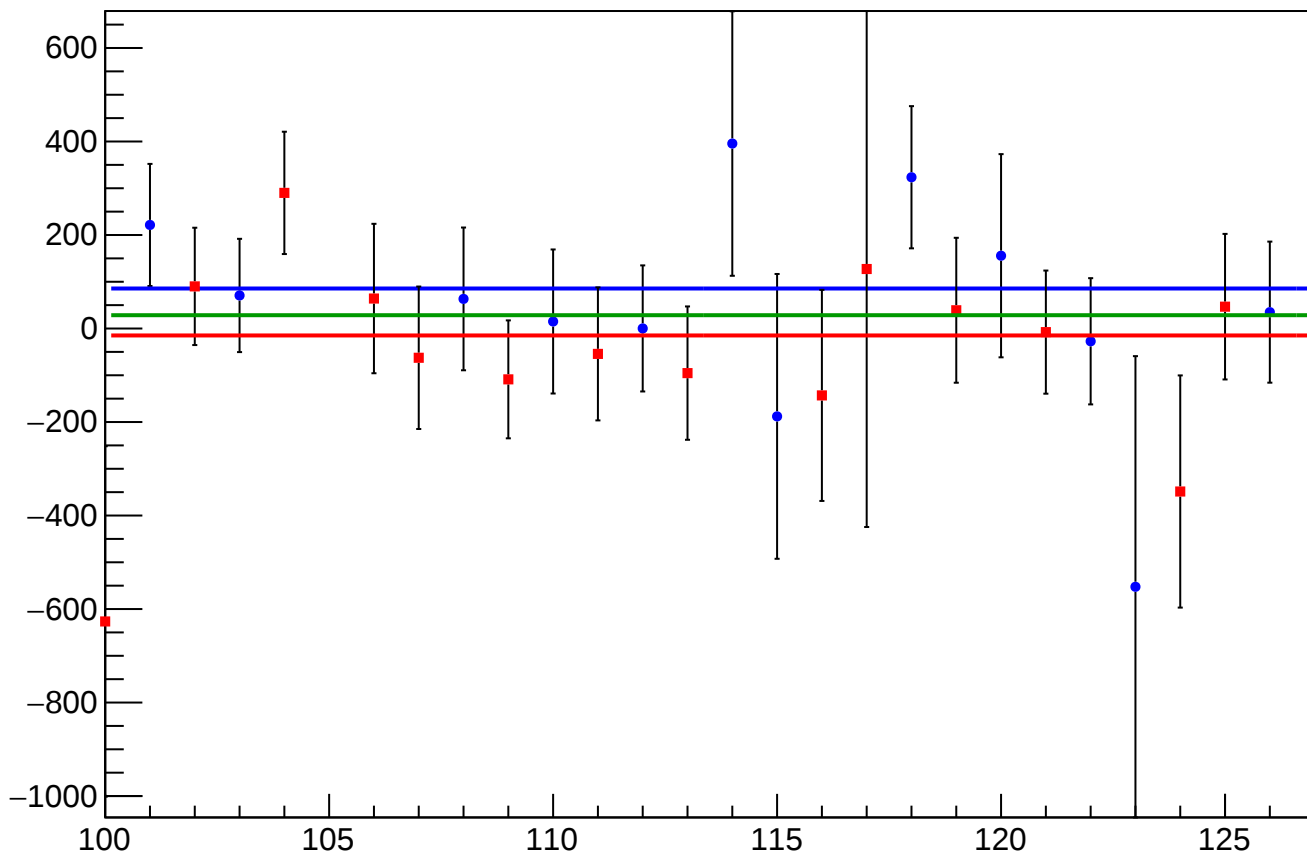
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1181.703 $\pm$ 0.425 χ^2 /NDF: 677909.8/11

1160.586 $\pm$ 0.279 χ^2 /NDF: 1553242.4/26

1144.507 $\pm$ 0.371 χ^2 /NDF: 870977.6/14

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 85.577+/-46.755 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.837+/-40.719 χ^2/NDF : 13.6/14

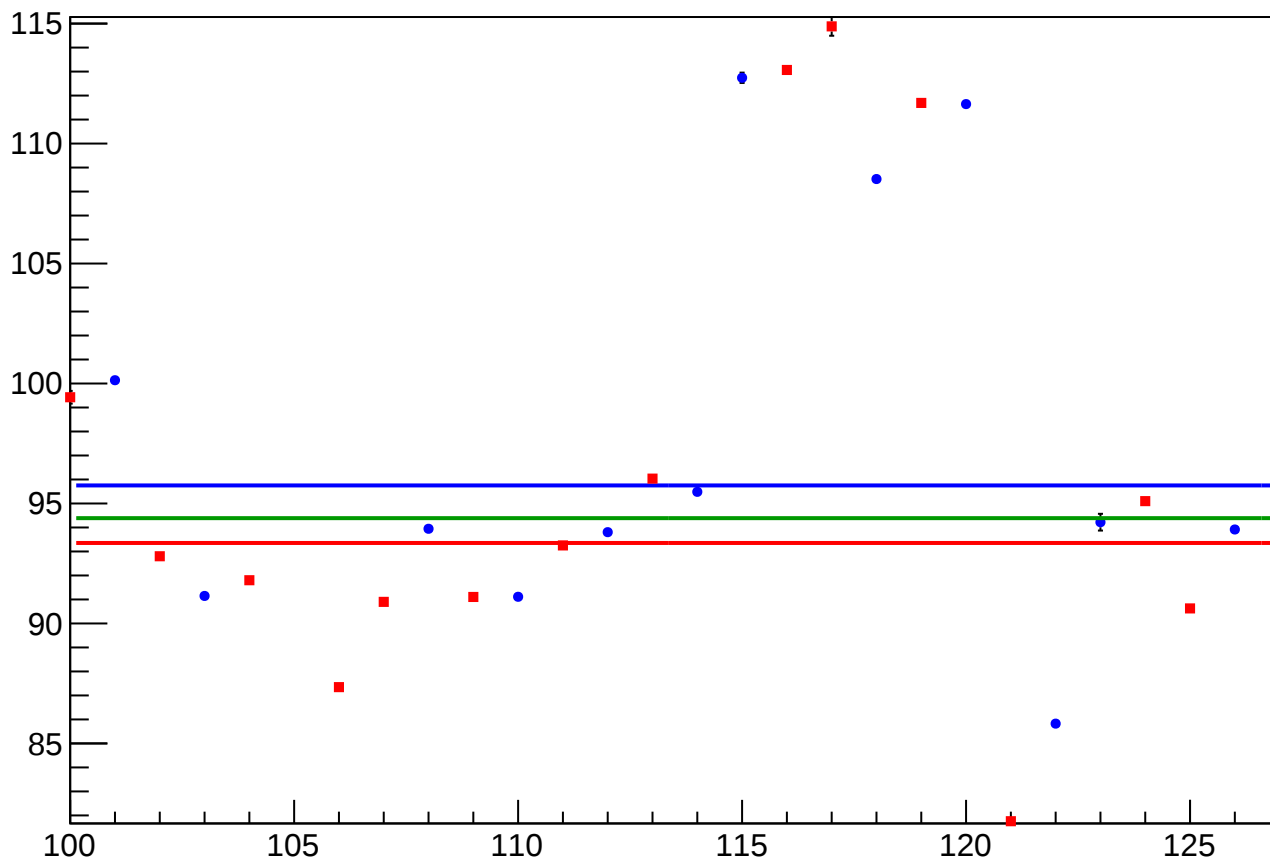
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.577+/-46.755 χ^2/NDF : 8.8/11

28.475+/-30.707 χ^2/NDF : 25.0/26

-14.837+/-40.719 χ^2/NDF : 13.6/14

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.752+/-0.033 χ^2/NDF : 49809.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.355+/-0.029 χ^2/NDF : 68092.3/14

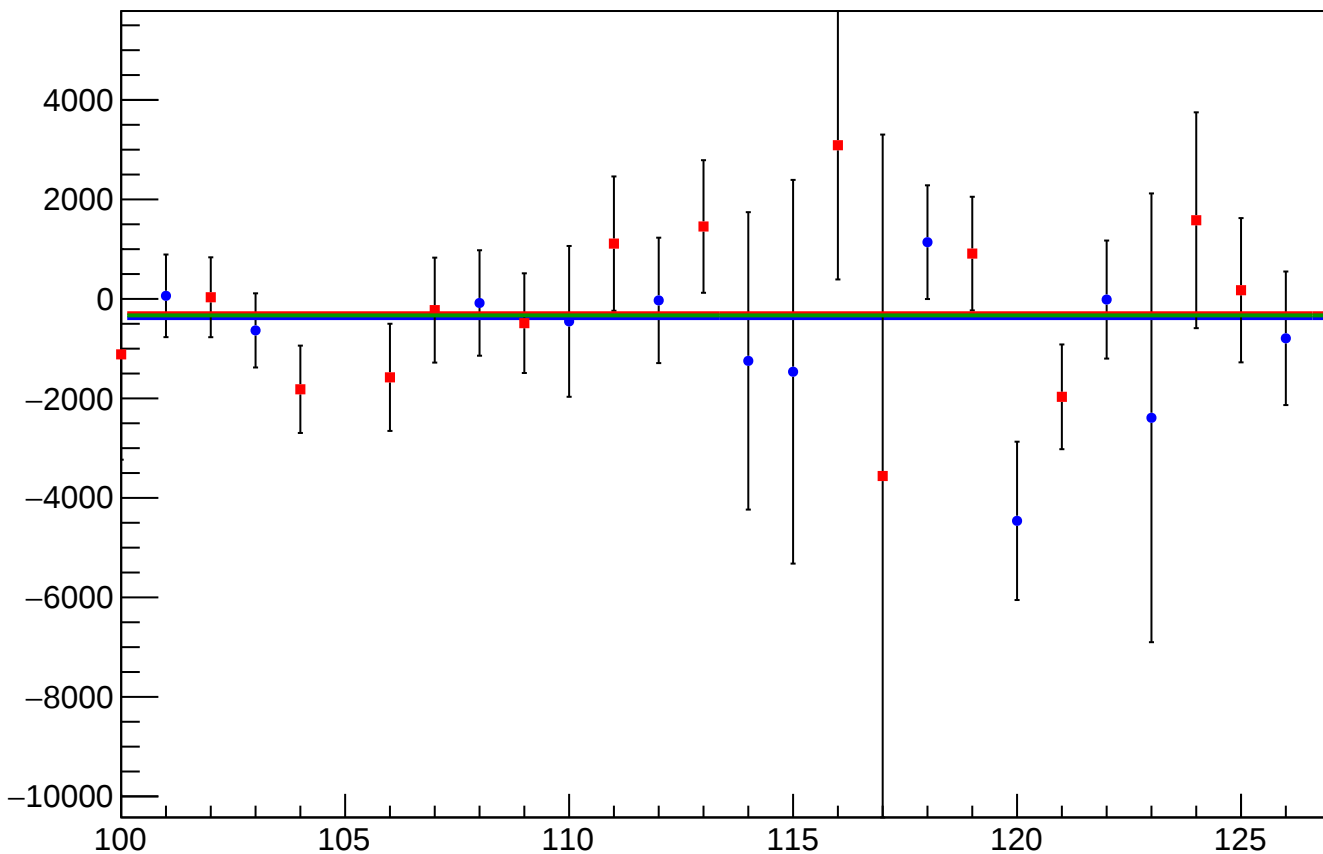
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.752+/-0.033 χ^2/NDF : 49809.5/11

94.389+/-0.022 χ^2/NDF : 120893.1/26

93.355+/-0.029 χ^2/NDF : 68092.3/14

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -385.515 ± 356.719 χ^2/NDF : 9.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -288.538 ± 314.807 χ^2/NDF : 14.8/14

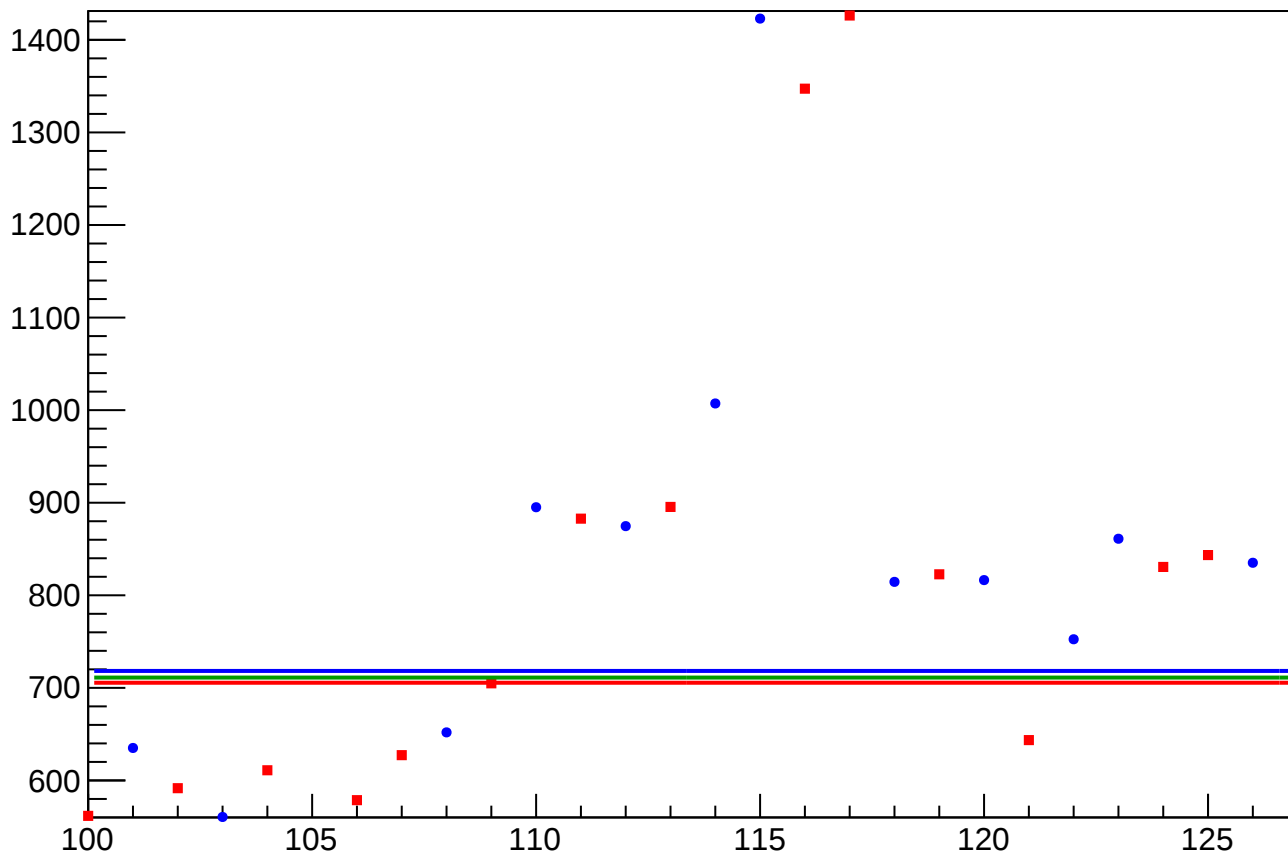
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-385.515 ± 356.719 χ^2/NDF : 9.5/11

-330.998 ± 236.036 χ^2/NDF : 24.3/26

-288.538 ± 314.807 χ^2/NDF : 14.8/14

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 718.290+/-0.252 χ^2/NDF : 301587.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 705.538+/-0.223 χ^2/NDF : 393533.9/14

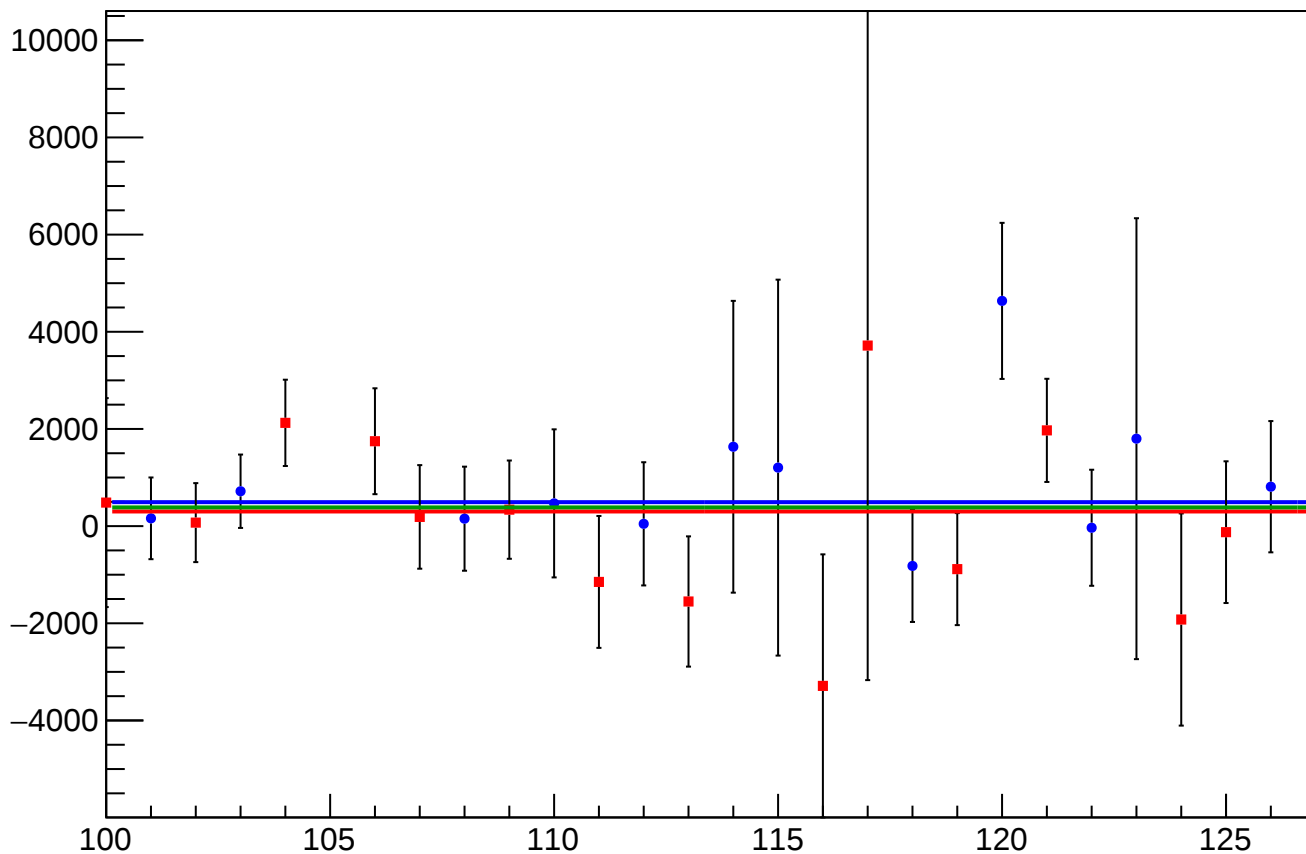
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

718.290+/-0.252 χ^2/NDF : 301587.1/11

711.121+/-0.167 χ^2/NDF : 696557.7/26

705.538+/-0.223 χ^2/NDF : 393533.9/14

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 493.093+/-360.204 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.315+/-317.824 χ^2/NDF : 16.9/14

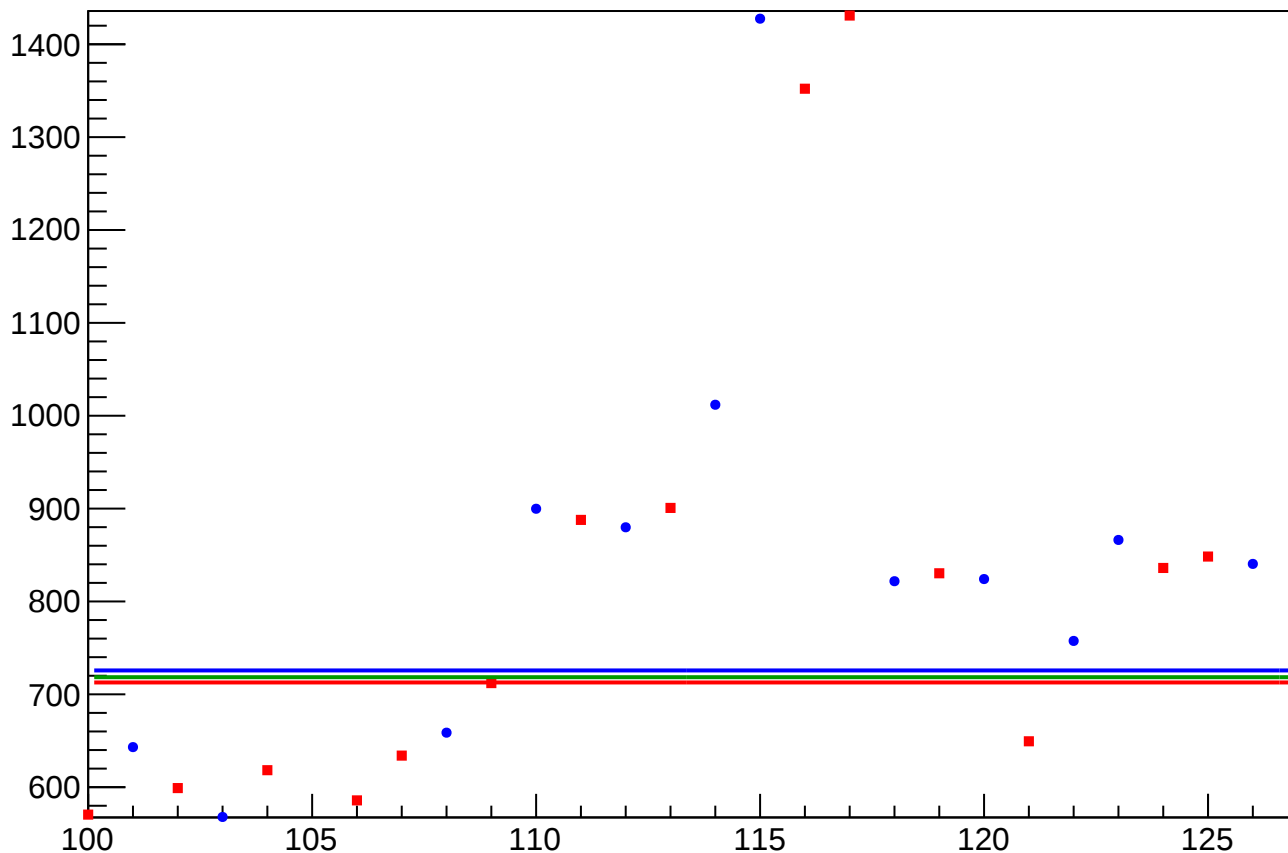
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

493.093+/-360.204 χ^2/NDF : 8.9/11

385.264+/-238.317 χ^2/NDF : 26.0/26

301.315+/-317.824 χ^2/NDF : 16.9/14

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 725.720 $\pm$ 0.255 χ^2 /NDF: 293224.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 712.772 $\pm$ 0.225 χ^2 /NDF: 384317.1/14

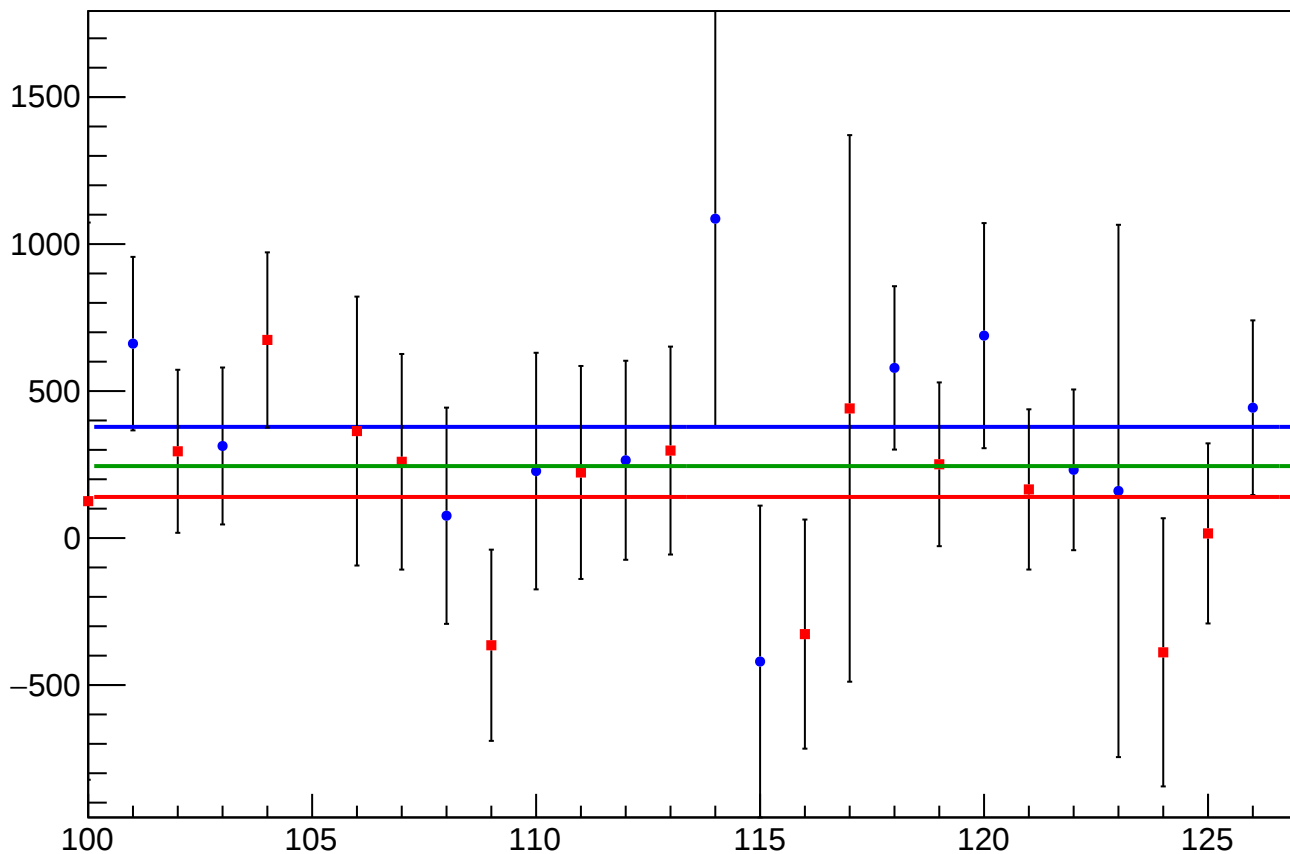
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

725.720 $\pm$ 0.255 χ^2 /NDF: 293224.3/11

718.440 $\pm$ 0.169 χ^2 /NDF: 678994.6/26

712.772 $\pm$ 0.225 χ^2 /NDF: 384317.1/14

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 378.189 $\pm$ 100.467 χ^2 /NDF: 6.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.812 $\pm$ 89.166 χ^2 /NDF: 10.1/14

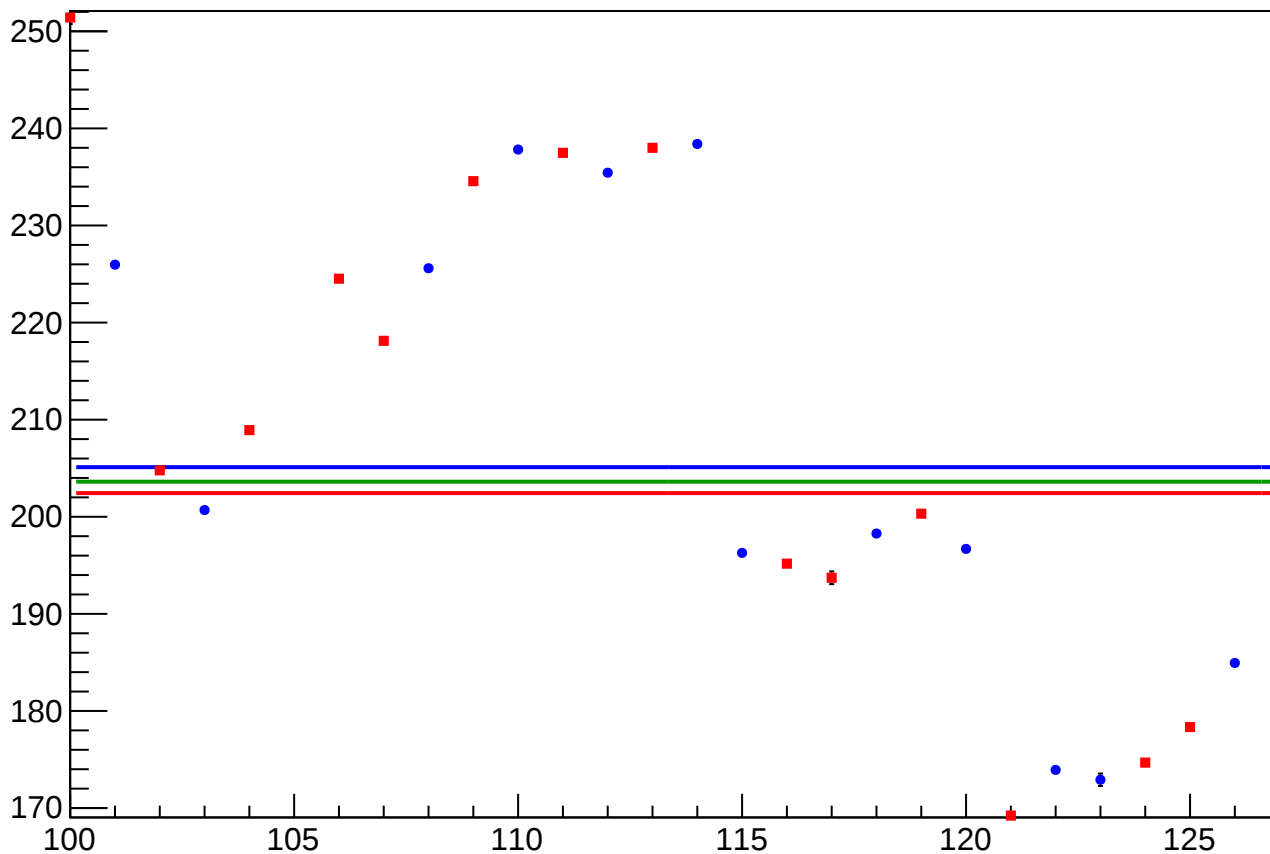
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

378.189 $\pm$ 100.467 χ^2 /NDF: 6.7/11

244.845 $\pm$ 66.689 χ^2 /NDF: 20.0/26

139.812 $\pm$ 89.166 χ^2 /NDF: 10.1/14

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 205.110 $\pm$ 0.071 χ^2 /NDF: 90945.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 202.436 $\pm$ 0.063 χ^2 /NDF: 138136.6/14

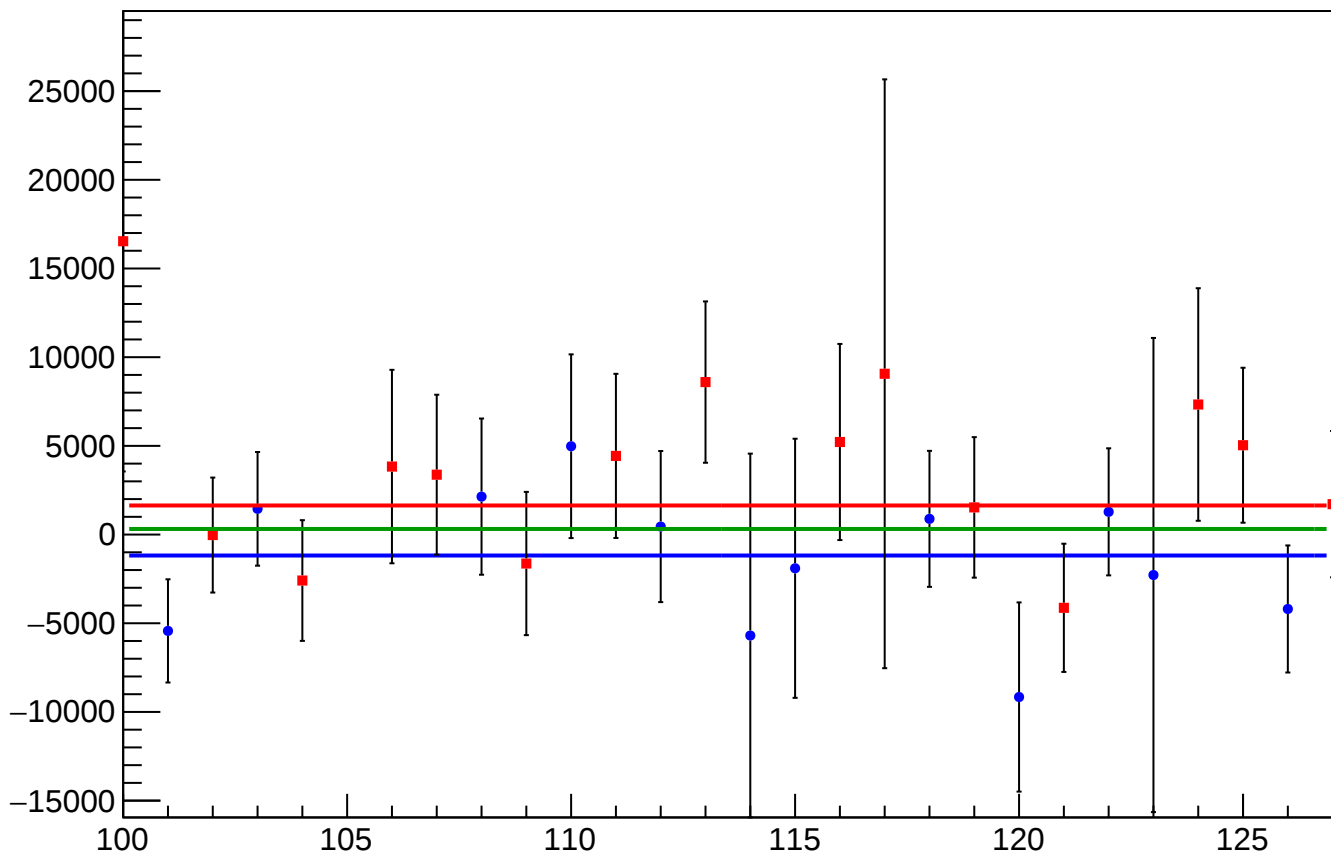
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

205.110 $\pm$ 0.071 χ^2 /NDF: 90945.4/11

203.614 $\pm$ 0.047 χ^2 /NDF: 229874.1/26

202.436 $\pm$ 0.063 χ^2 /NDF: 138136.6/14

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1181.352+/-1238.044 χ^2 /NDF: 8.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1639.719+/-1164.153 χ^2 /NDF: 11.3/14

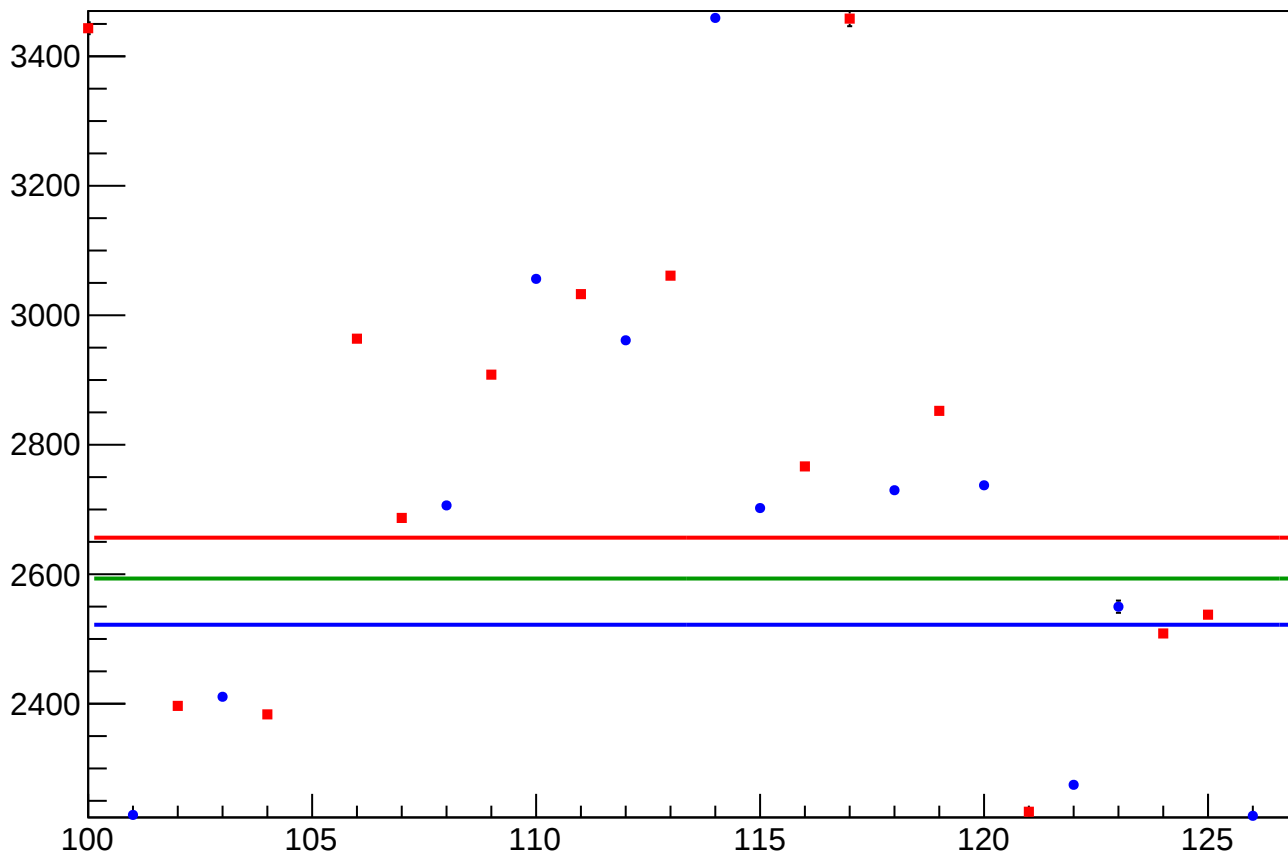
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1181.352+/-1238.044 χ^2 /NDF: 8.9/11

315.877+/-848.100 χ^2 /NDF: 22.9/26

1639.719+/-1164.153 χ^2 /NDF: 11.3/14

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2521.977+/-0.875 χ^2/NDF : 119049.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2656.488+/-0.823 χ^2/NDF : 116833.5/14

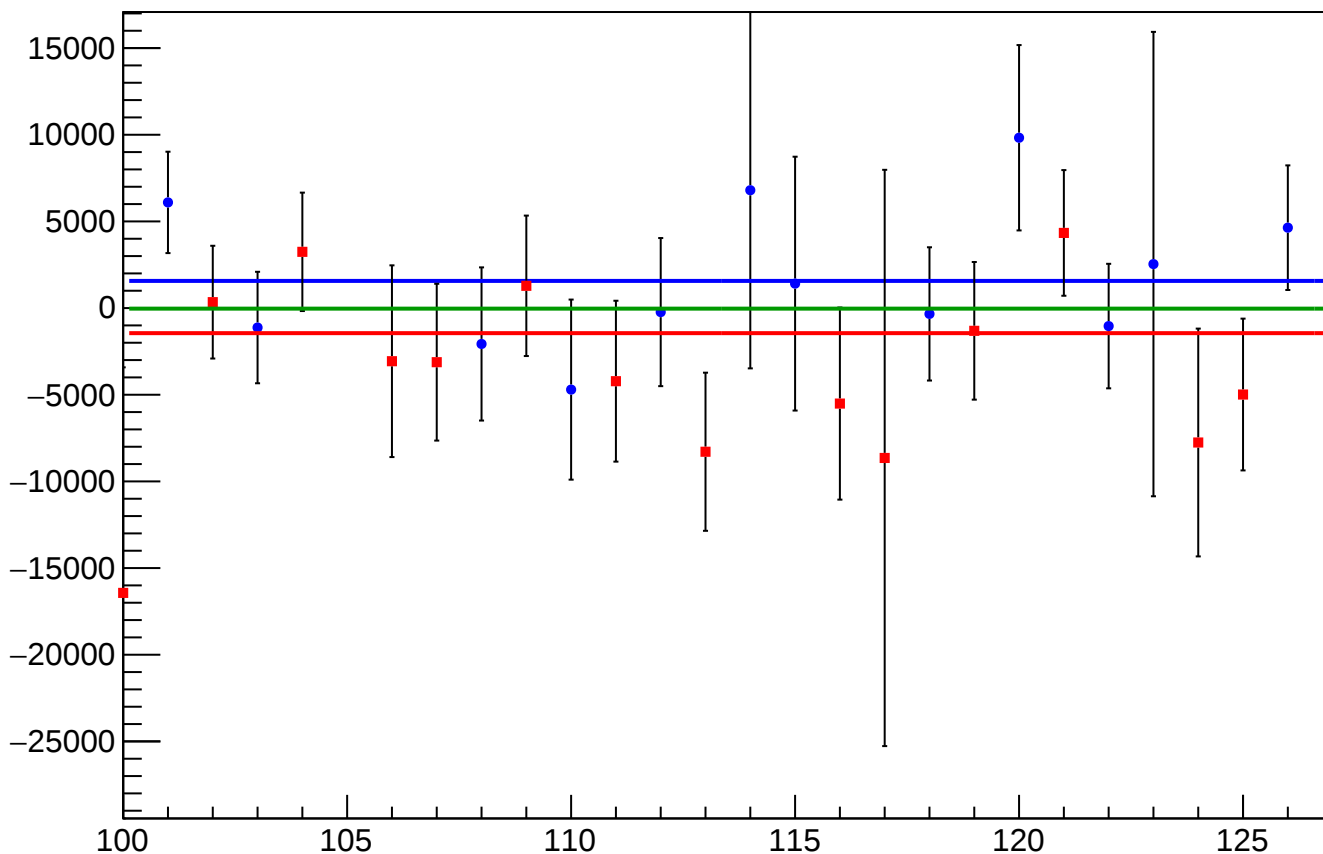
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2521.977+/-0.875 χ^2/NDF : 119049.8/11

2593.366+/-0.600 χ^2/NDF : 248413.1/26

2656.488+/-0.823 χ^2/NDF : 116833.5/14

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1567.280+/-1242.382 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1446.672+/-1168.331 χ^2/NDF : 11.6/14

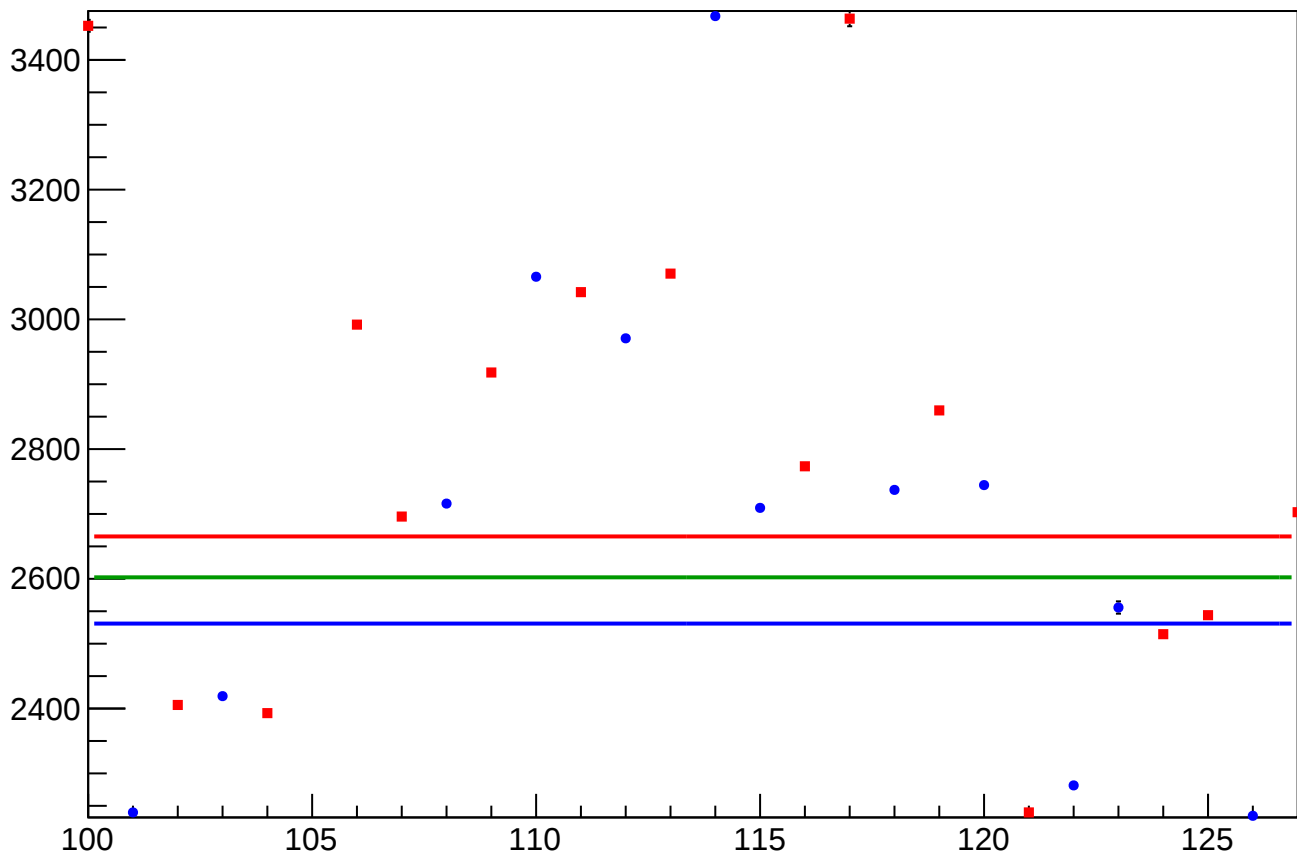
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1567.280+/-1242.382 χ^2/NDF : 9.6/11

-32.189+/-851.110 χ^2/NDF : 24.3/26

-1446.672+/-1168.331 χ^2/NDF : 11.6/14

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2530.990+/-0.878 χ^2/NDF : 118102.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2665.332+/-0.826 χ^2/NDF : 117070.5/14

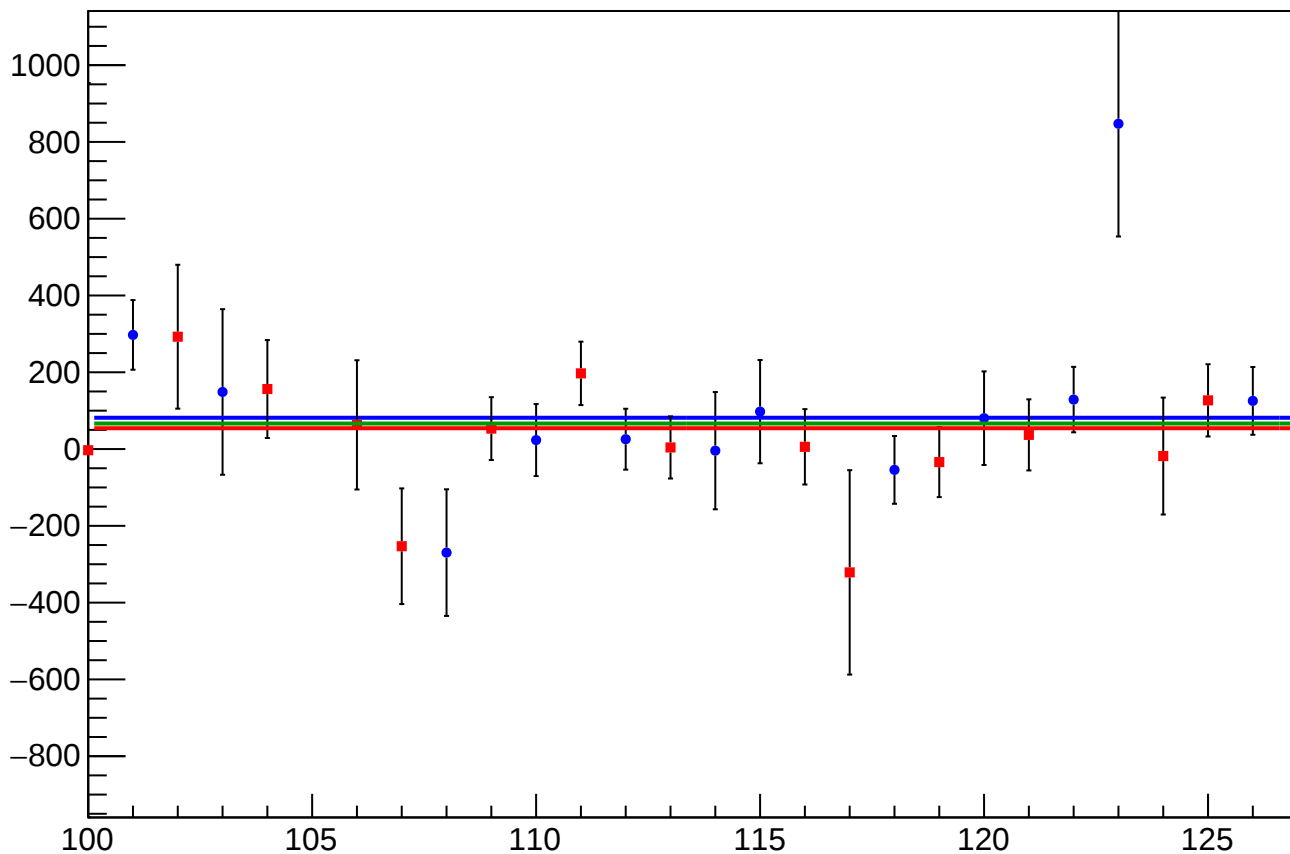
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2530.990+/-0.878 χ^2/NDF : 118102.1/11

2602.284+/-0.602 χ^2/NDF : 247582.8/26

2665.332+/-0.826 χ^2/NDF : 117070.5/14

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 81.550+/-31.254 χ^2/NDF : 21.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.235+/-28.196 χ^2/NDF : 14.0/14

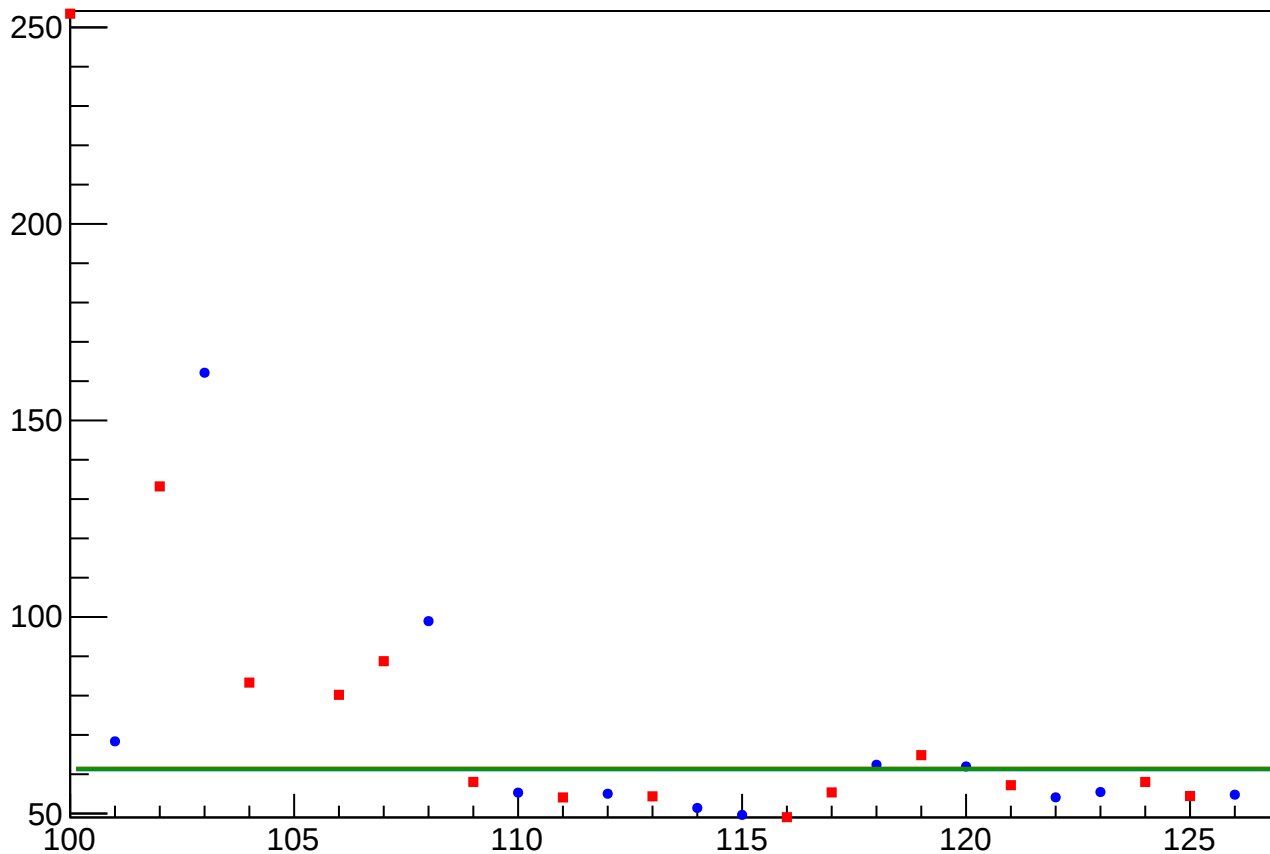
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

81.550+/-31.254 χ^2/NDF : 21.2/11

66.491+/-20.935 χ^2/NDF : 35.7/26

54.235+/-28.196 χ^2/NDF : 14.0/14

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 61.267+/-0.022 χ^2/NDF : 623707.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.411+/-0.020 χ^2/NDF : 613015.4/14

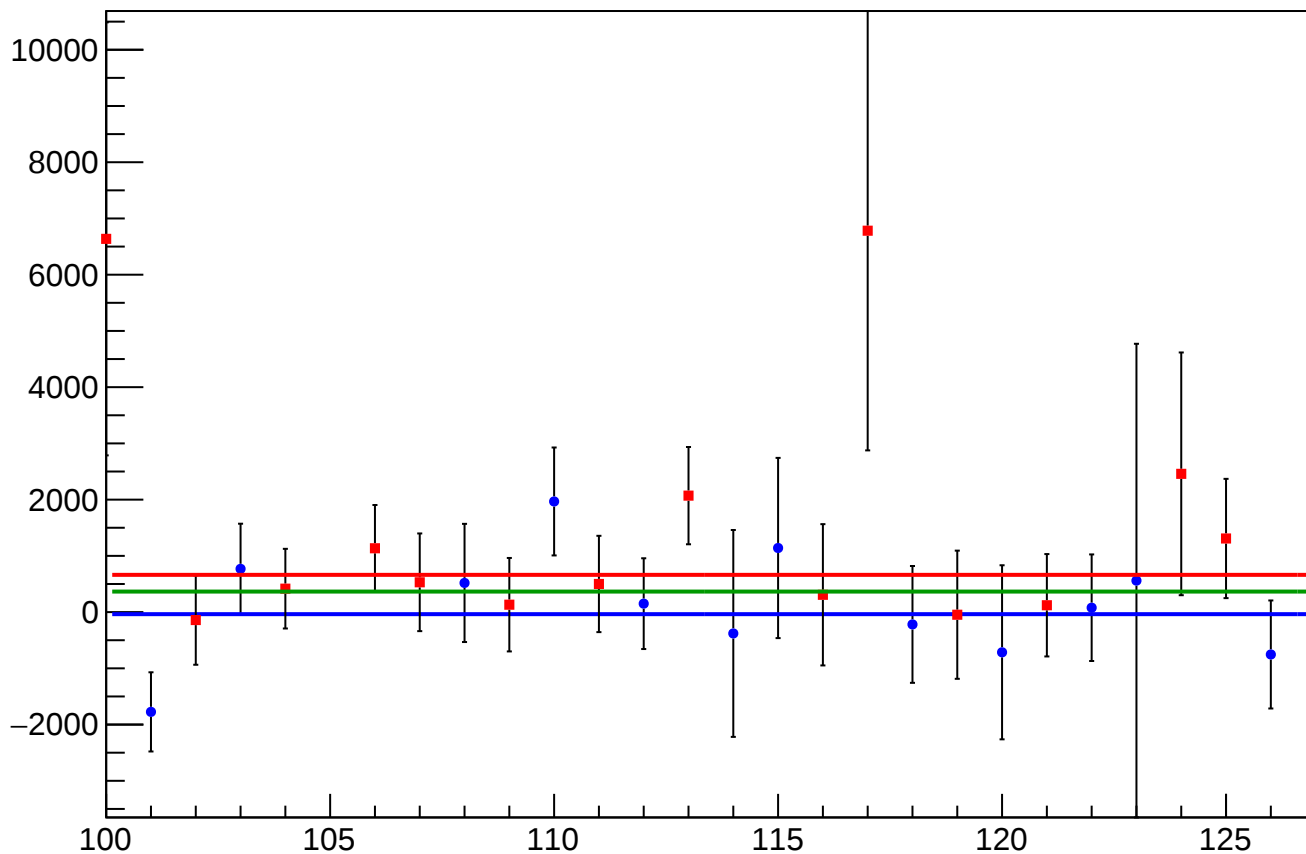
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

61.267+/-0.022 χ^2/NDF : 623707.5/11

61.346+/-0.015 χ^2/NDF : 1236746.4/26

61.411+/-0.020 χ^2/NDF : 613015.4/14

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -36.516 $\pm$ 296.449 χ^2 /NDF: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 662.521 $\pm$ 255.010 χ^2 /NDF: 11.4/14

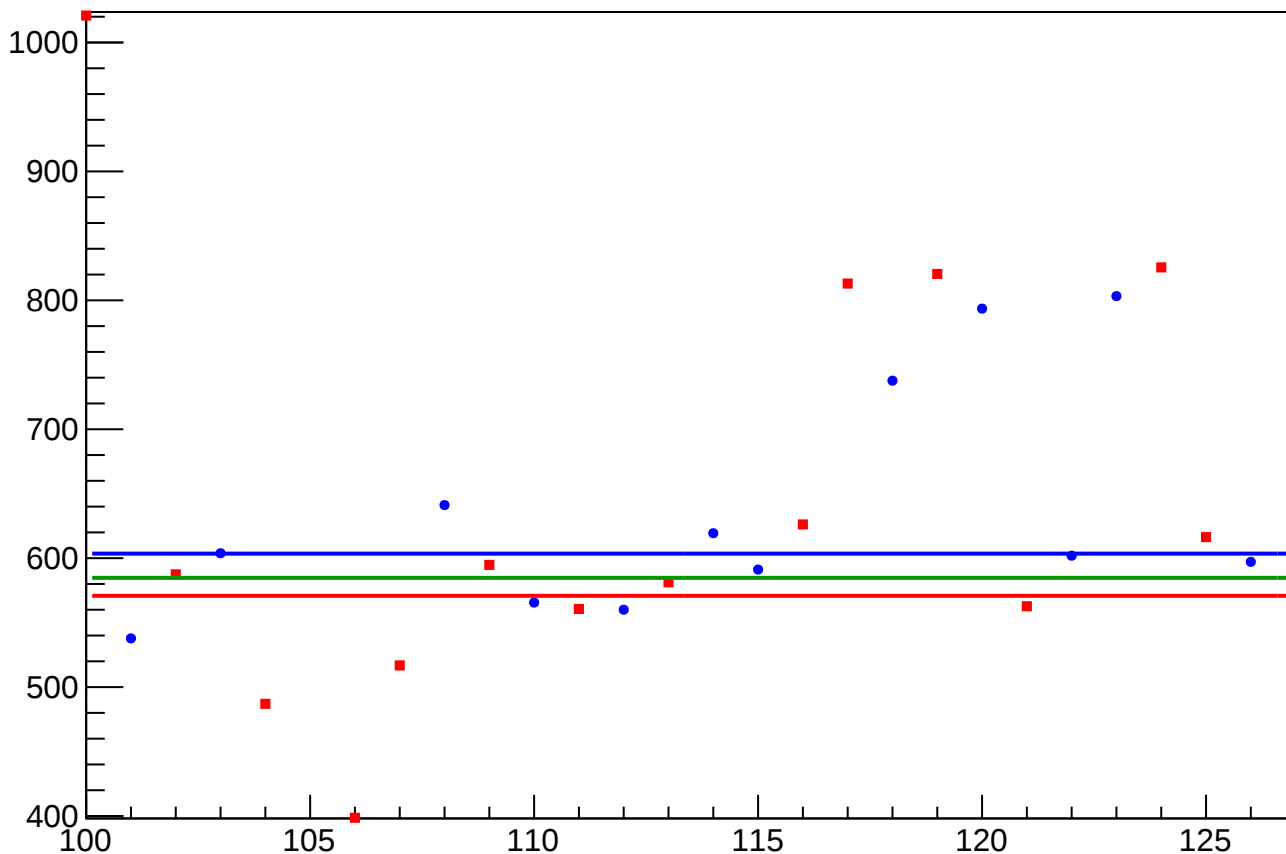
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-36.516 $\pm$ 296.449 χ^2 /NDF: 13.2/11

365.237 $\pm$ 193.324 χ^2 /NDF: 27.8/26

662.521 $\pm$ 255.010 χ^2 /NDF: 11.4/14

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.535+/-0.210 χ^2/NDF : 97301.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.818+/-0.180 χ^2/NDF : 335822.2/14

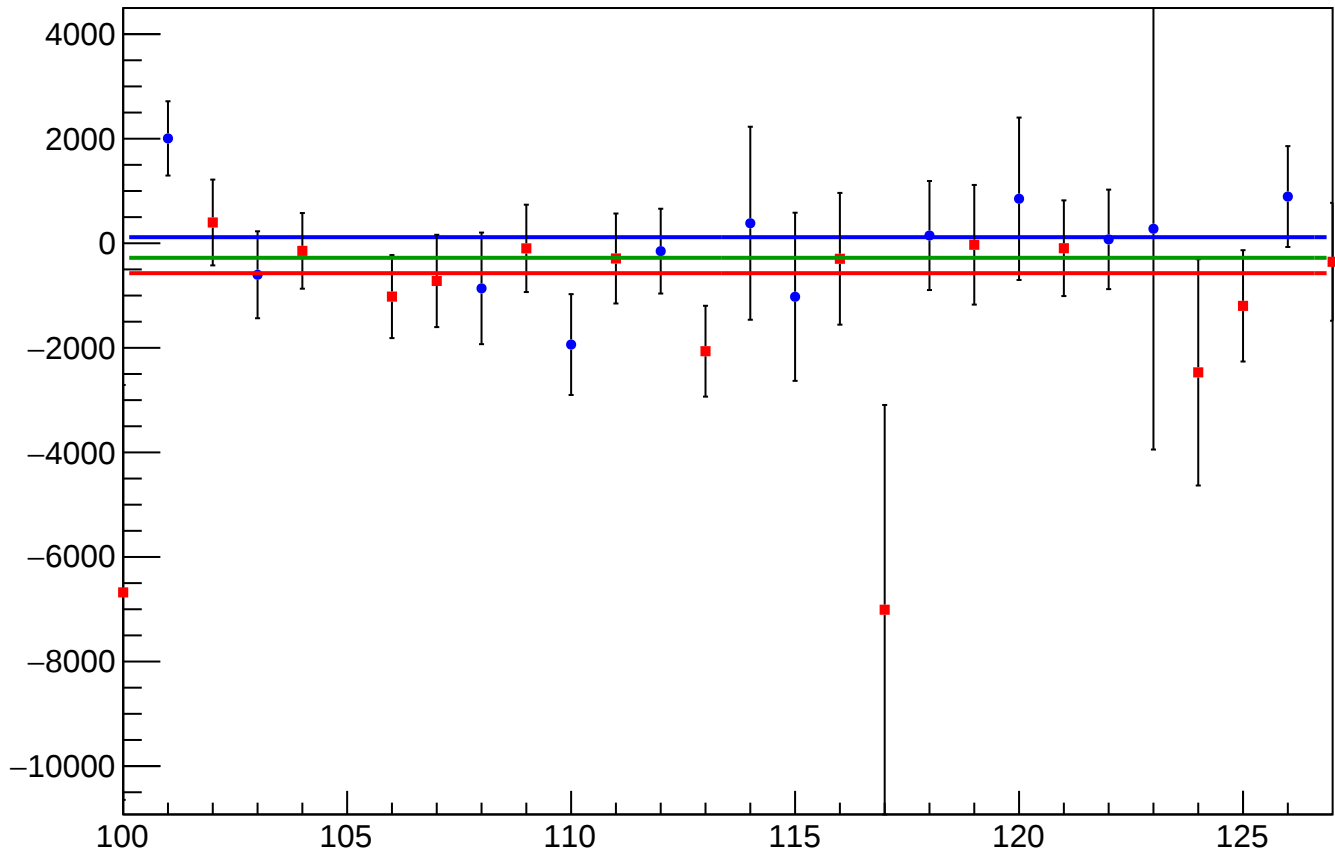
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

603.535+/-0.210 χ^2/NDF : 97301.5/11

584.732+/-0.137 χ^2/NDF : 447124.3/26

570.818+/-0.180 χ^2/NDF : 335822.2/14

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 116.266 $\pm$ 299.458 χ^2 /NDF: 14.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -571.996 $\pm$ 258.444 χ^2 /NDF: 12.2/14

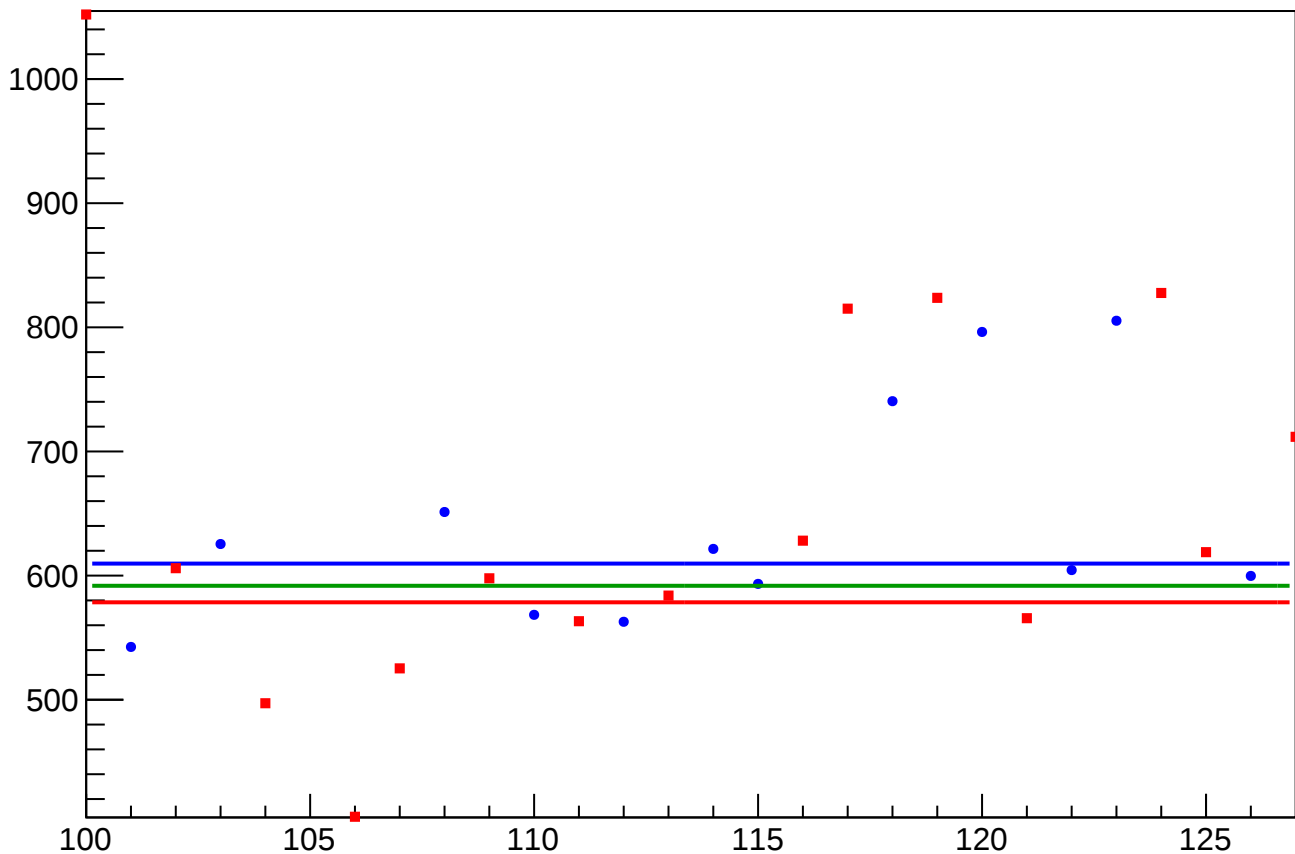
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.266 $\pm$ 299.458 χ^2 /NDF: 14.7/11

-278.190 $\pm$ 195.654 χ^2 /NDF: 30.0/26

-571.996 $\pm$ 258.444 χ^2 /NDF: 12.2/14

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 609.675+/-0.212 χ^2/NDF : 97183.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.481+/-0.183 χ^2/NDF : 319749.9/14

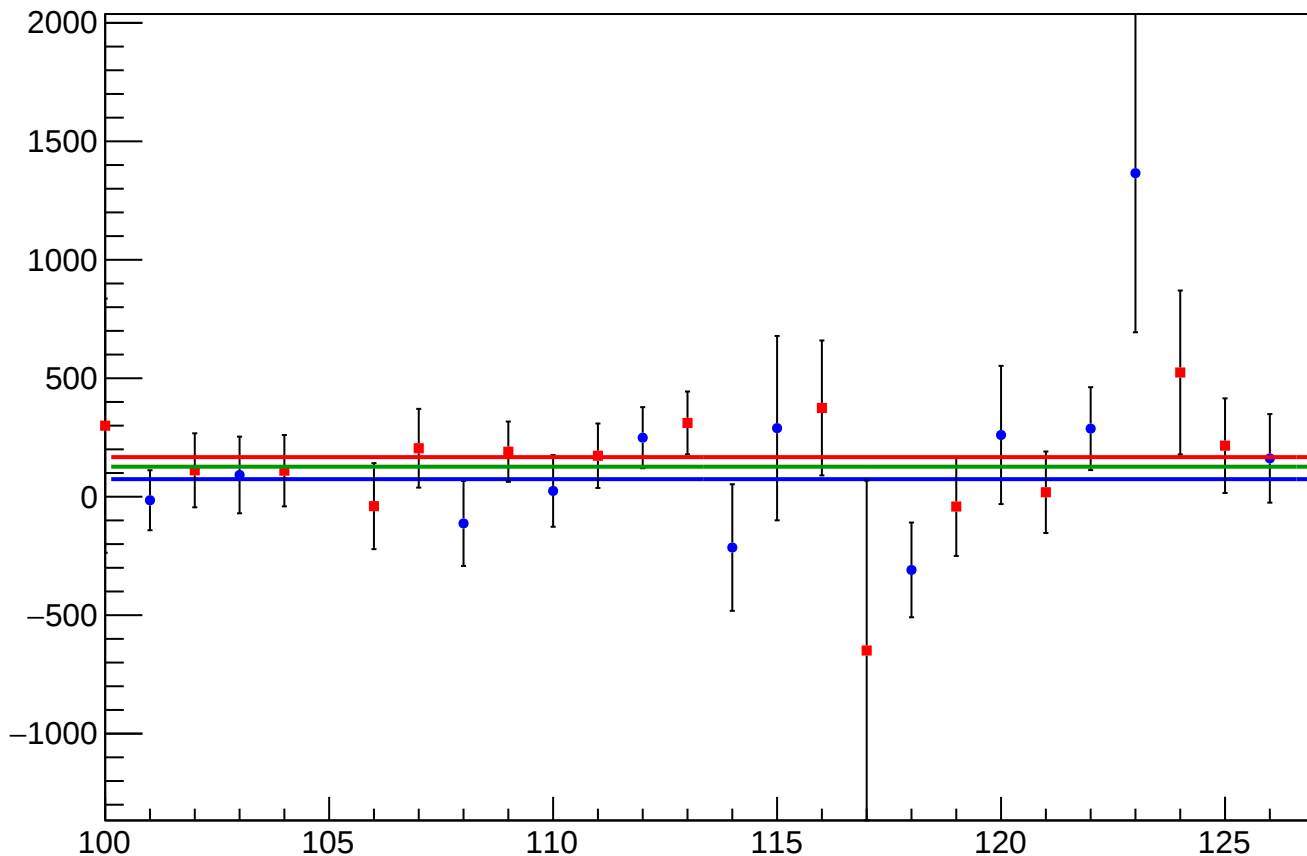
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

609.675+/-0.212 χ^2/NDF : 97183.4/11

591.797+/-0.138 χ^2/NDF : 429370.9/26

578.481+/-0.183 χ^2/NDF : 319749.9/14

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 74.151+/-52.963 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.201+/-46.474 χ^2/NDF : 8.1/14

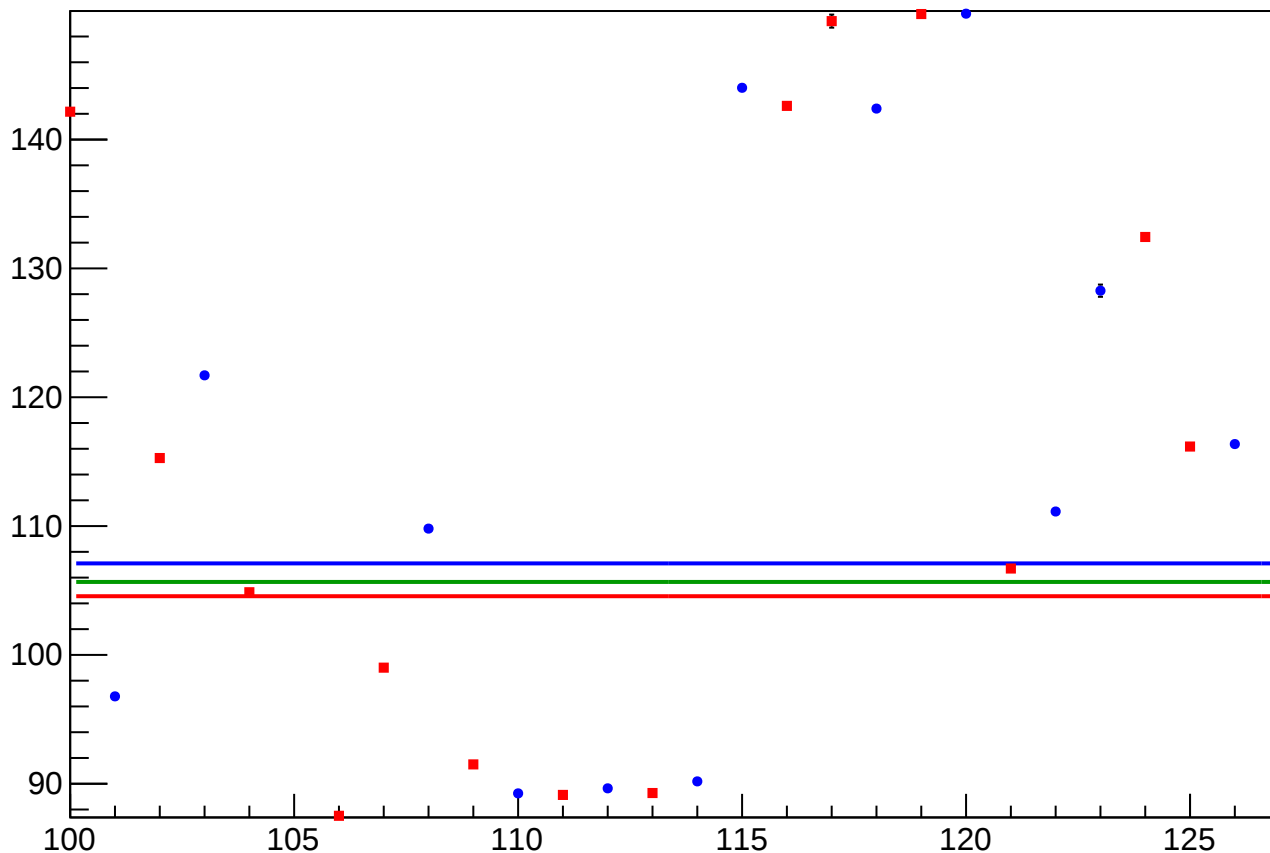
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.151+/-52.963 χ^2/NDF : 14.5/11

126.722+/-34.932 χ^2/NDF : 24.4/26

167.201+/-46.474 χ^2/NDF : 8.1/14

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 107.103+/-0.037 χ^2/NDF : 233724.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.556+/-0.033 χ^2/NDF : 283283.8/14

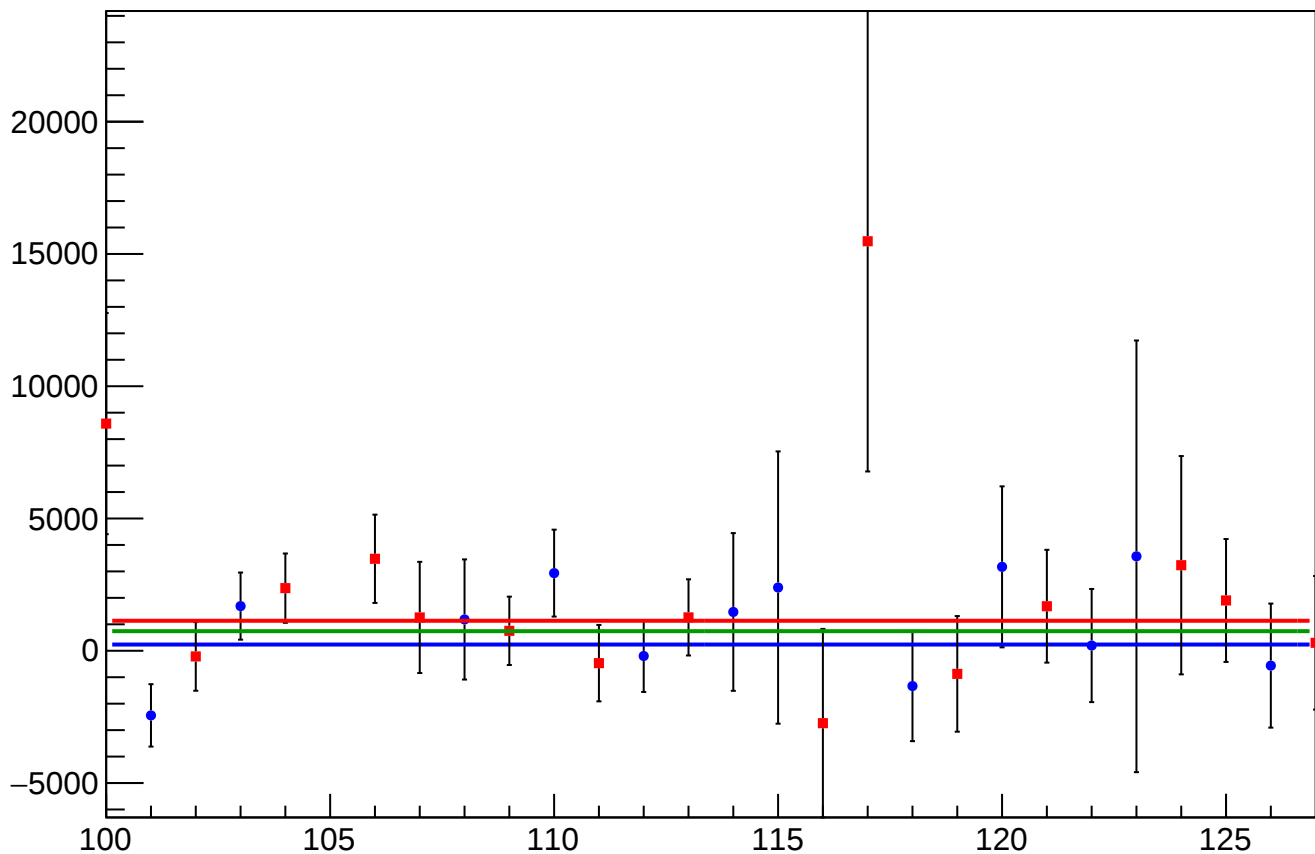
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.103+/-0.037 χ^2/NDF : 233724.0/11

105.664+/-0.025 χ^2/NDF : 519621.2/26

104.556+/-0.033 χ^2/NDF : 283283.8/14

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 235.222 $\pm$ 546.419 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1133.933 $\pm$ 482.063 χ^2 /NDF: 13.7/14

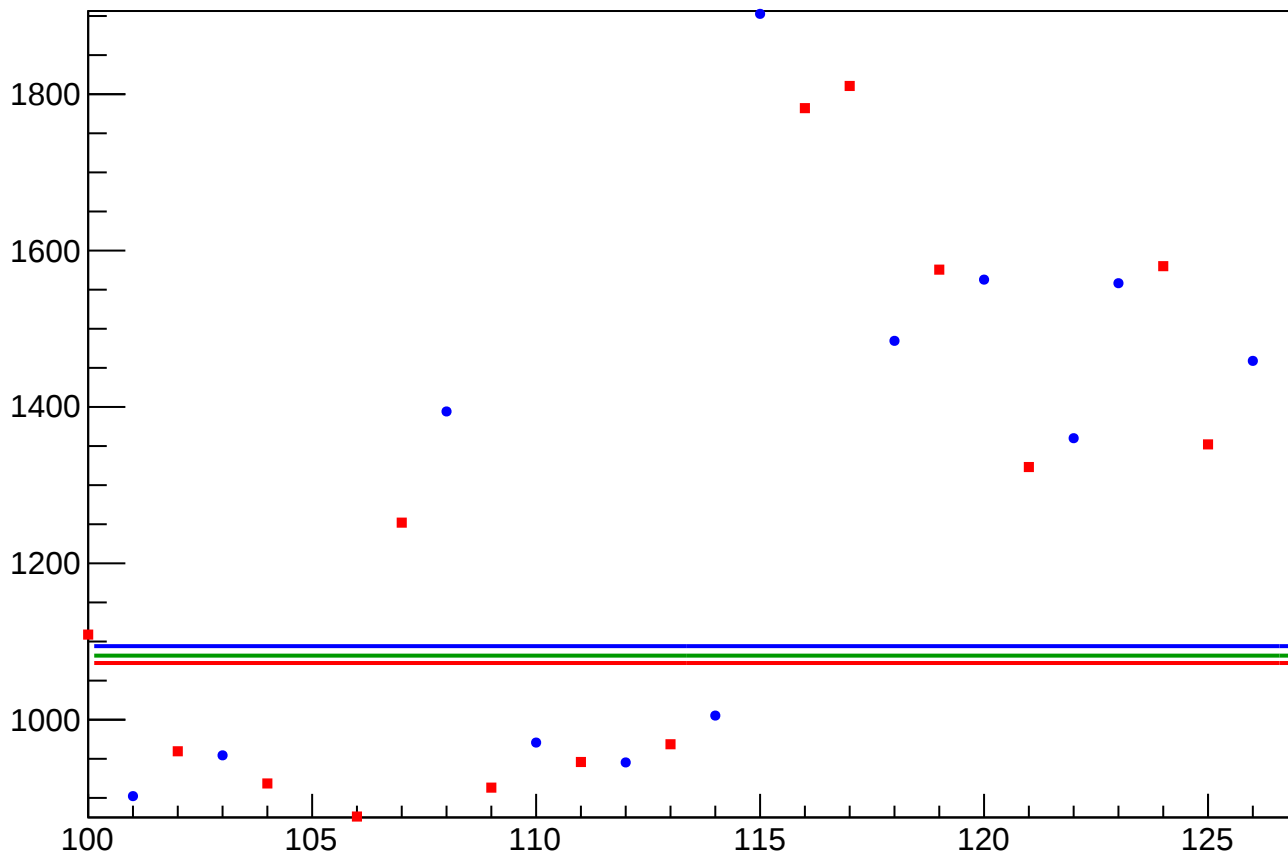
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

235.222 $\pm$ 546.419 χ^2 /NDF: 11.6/11

740.594 $\pm$ 361.493 χ^2 /NDF: 26.8/26

1133.933 $\pm$ 482.063 χ^2 /NDF: 13.7/14

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1094.101+/-0.386 χ^2/NDF : 401925.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1072.516+/-0.341 χ^2/NDF : 516454.0/14

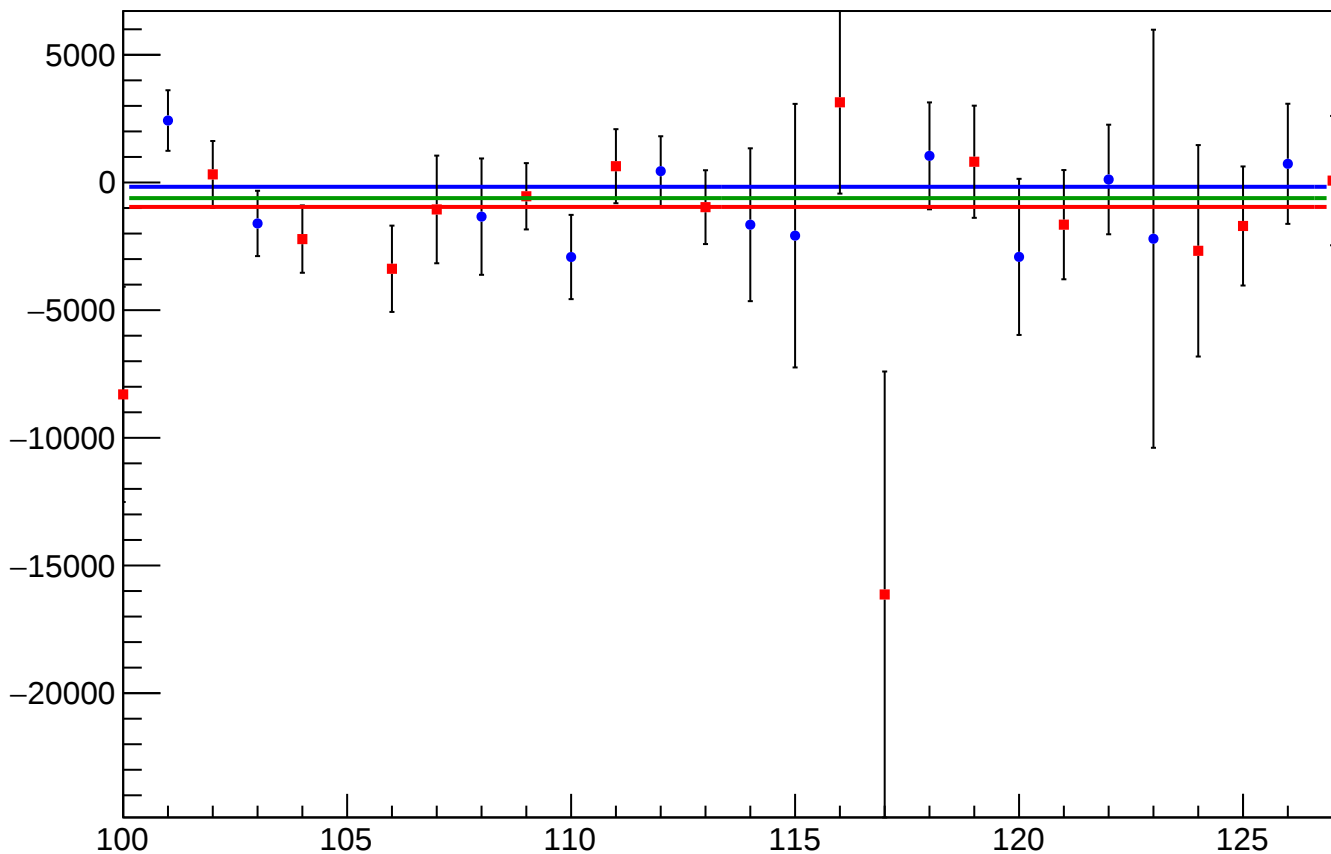
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1094.101+/-0.386 χ^2/NDF : 401925.0/11

1081.963+/-0.256 χ^2/NDF : 920134.0/26

1072.516+/-0.341 χ^2/NDF : 516454.0/14

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -168.660+/-549.255 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -957.220+/-484.845 χ^2/NDF : 13.8/14

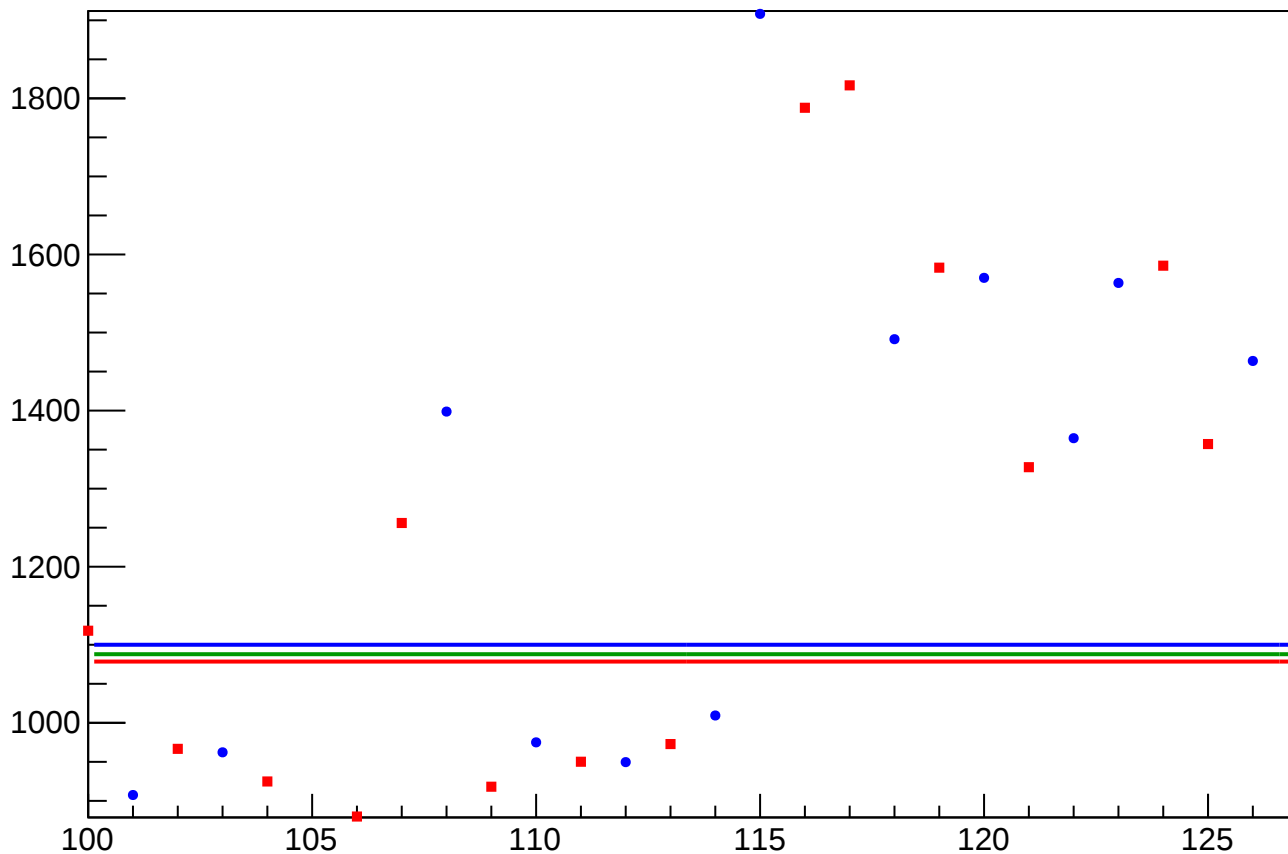
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-168.660+/-549.255 χ^2/NDF : 11.0/11

-611.867+/-363.487 χ^2/NDF : 26.0/26

-957.220+/-484.845 χ^2/NDF : 13.8/14

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1100.009+/-0.388 χ^2/NDF : 398692.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1078.479+/-0.343 χ^2/NDF : 512660.8/14

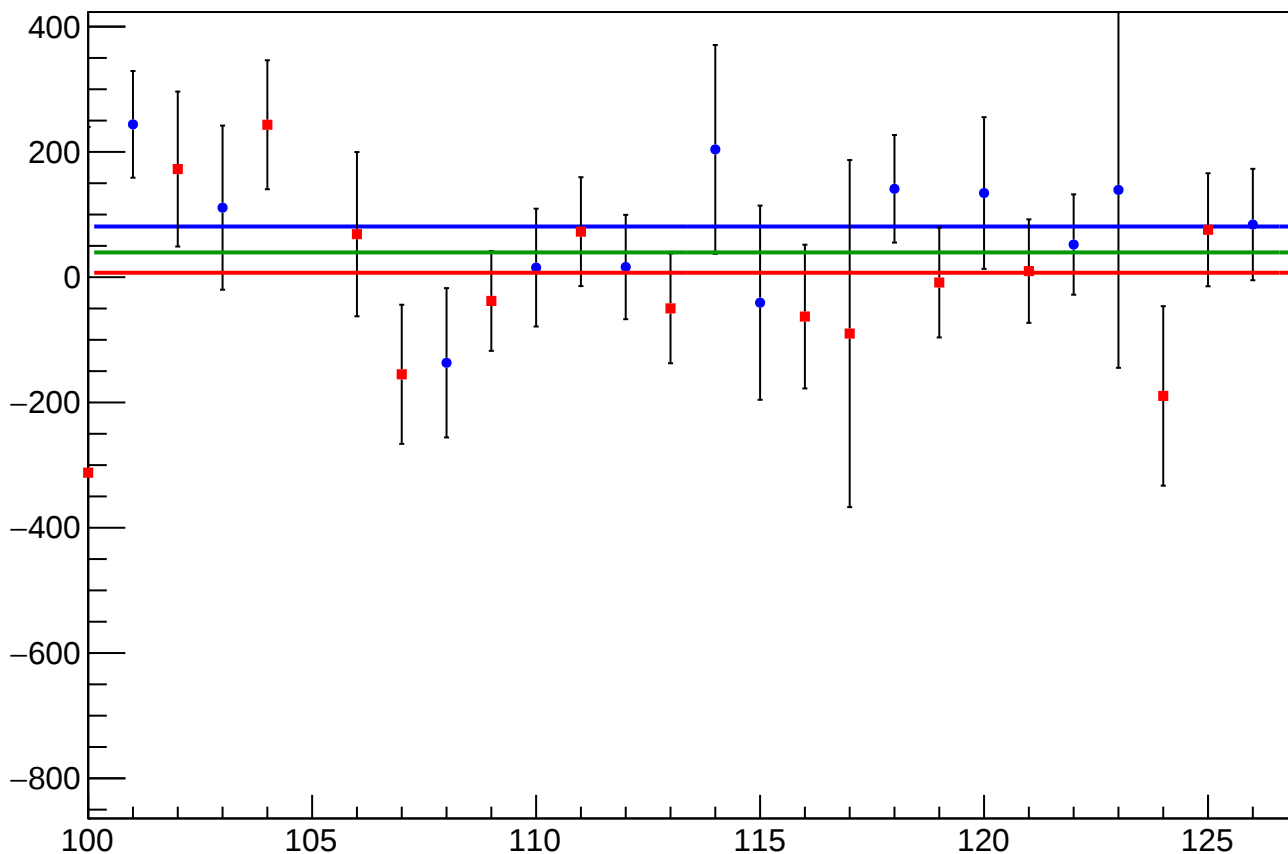
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1100.009+/-0.388 χ^2/NDF : 398692.9/11

1087.908+/-0.257 χ^2/NDF : 913080.9/26

1078.479+/-0.343 χ^2/NDF : 512660.8/14

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 80.904 $\pm$ 30.152 χ^2 /NDF: 10.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.116 $\pm$ 26.694 χ^2 /NDF: 14.4/14

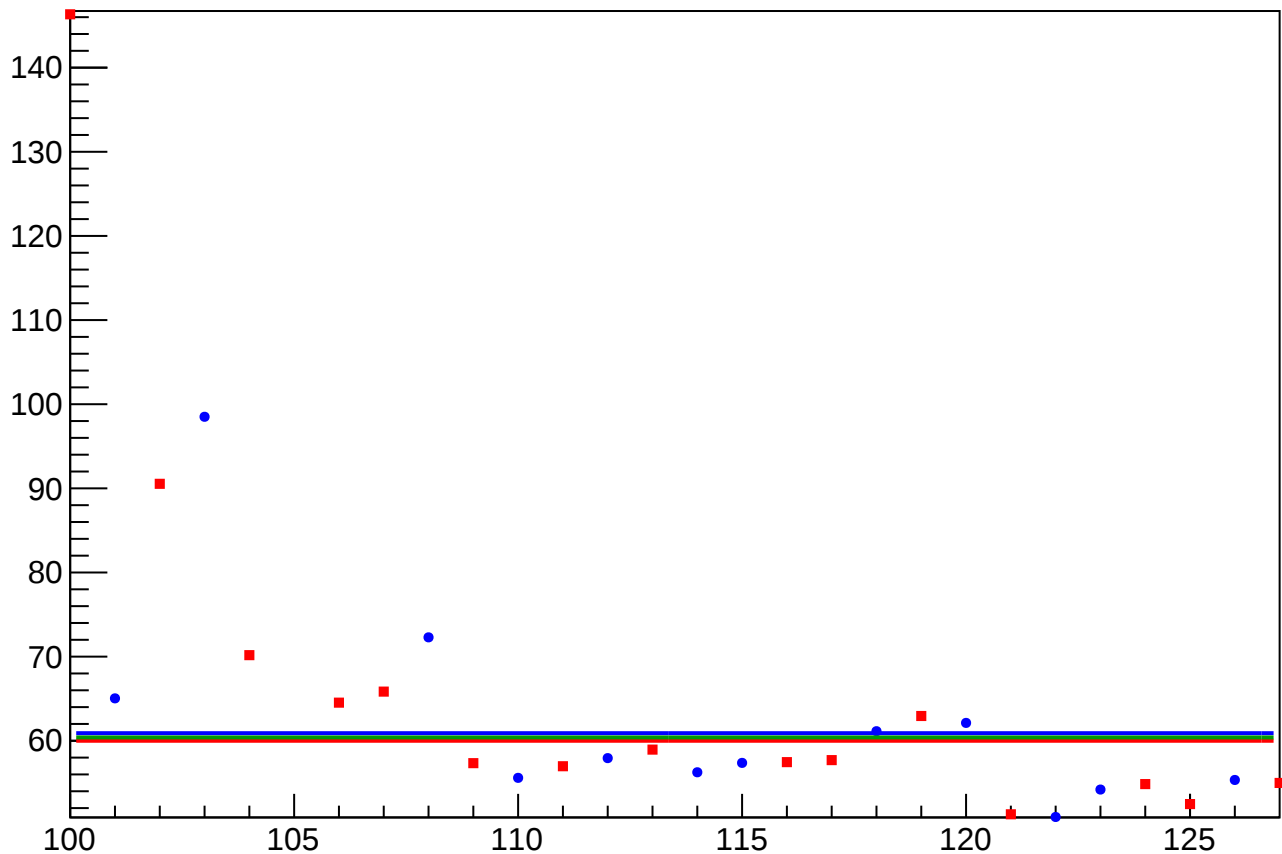
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

80.904 $\pm$ 30.152 χ^2 /NDF: 10.2/11

39.539 $\pm$ 19.987 χ^2 /NDF: 27.9/26

7.116 $\pm$ 26.694 χ^2 /NDF: 14.4/14

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.902 $\pm$ 0.021 χ^2 /NDF: 239358.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.003 $\pm$ 0.019 χ^2 /NDF: 252759.7/14

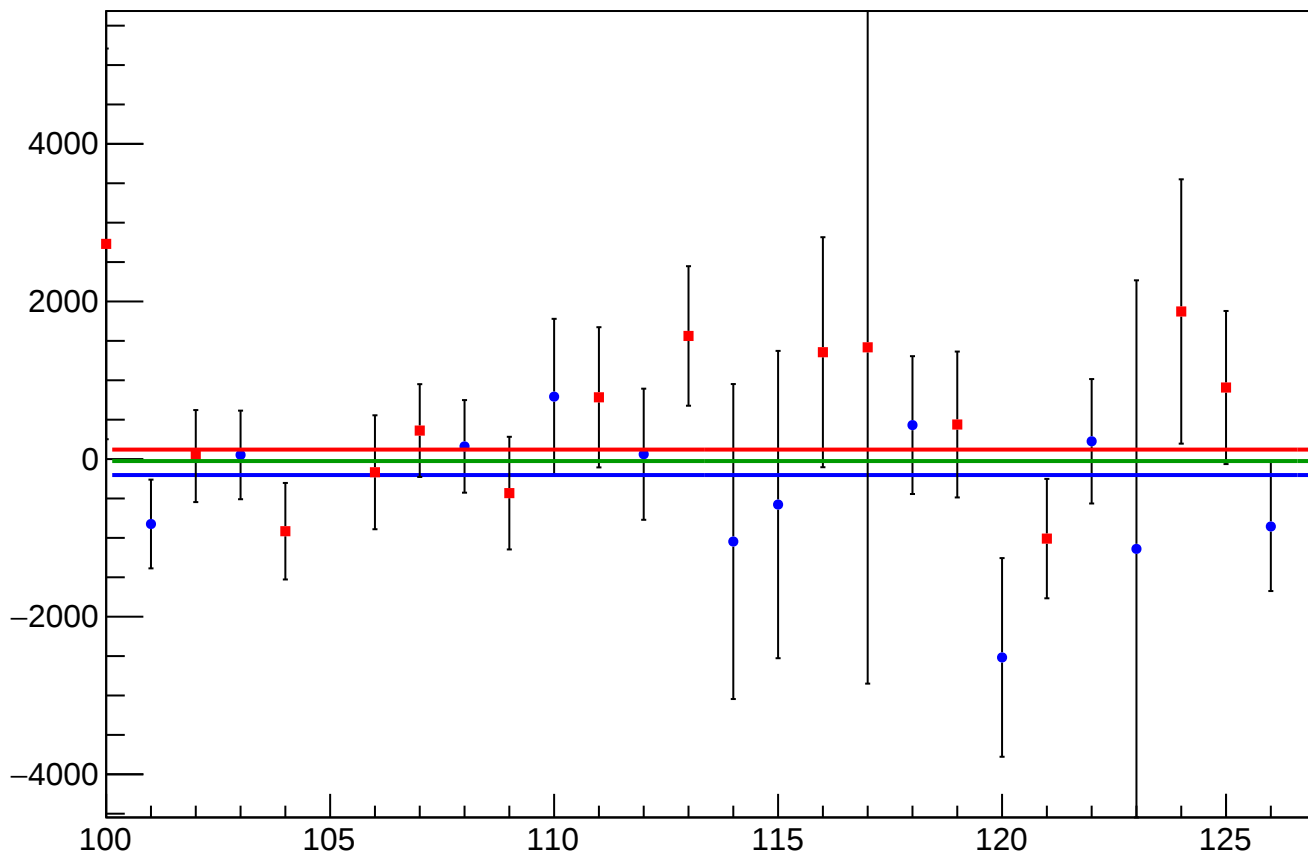
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

60.902 $\pm$ 0.021 χ^2 /NDF: 239358.2/11

60.398 $\pm$ 0.014 χ^2 /NDF: 493115.7/26

60.003 $\pm$ 0.019 χ^2 /NDF: 252759.7/14

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -202.585+/-240.292 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.501+/-217.574 χ^2/NDF : 13.1/14

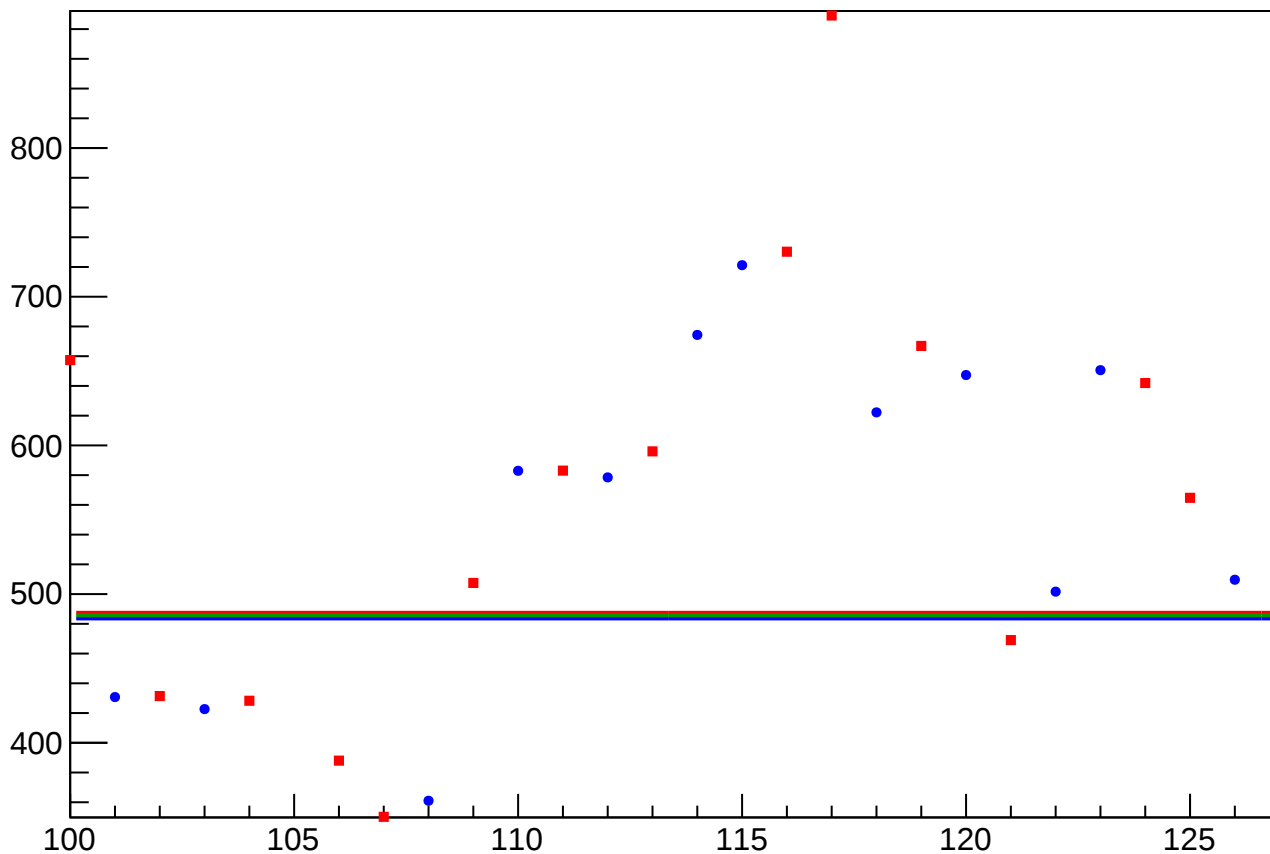
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-202.585+/-240.292 χ^2/NDF : 8.0/11

-25.051+/-161.283 χ^2/NDF : 22.1/26

120.501+/-217.574 χ^2/NDF : 13.1/14

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 483.642+/-0.170 χ^2/NDF : 314246.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.400+/-0.154 χ^2/NDF : 454763.2/14

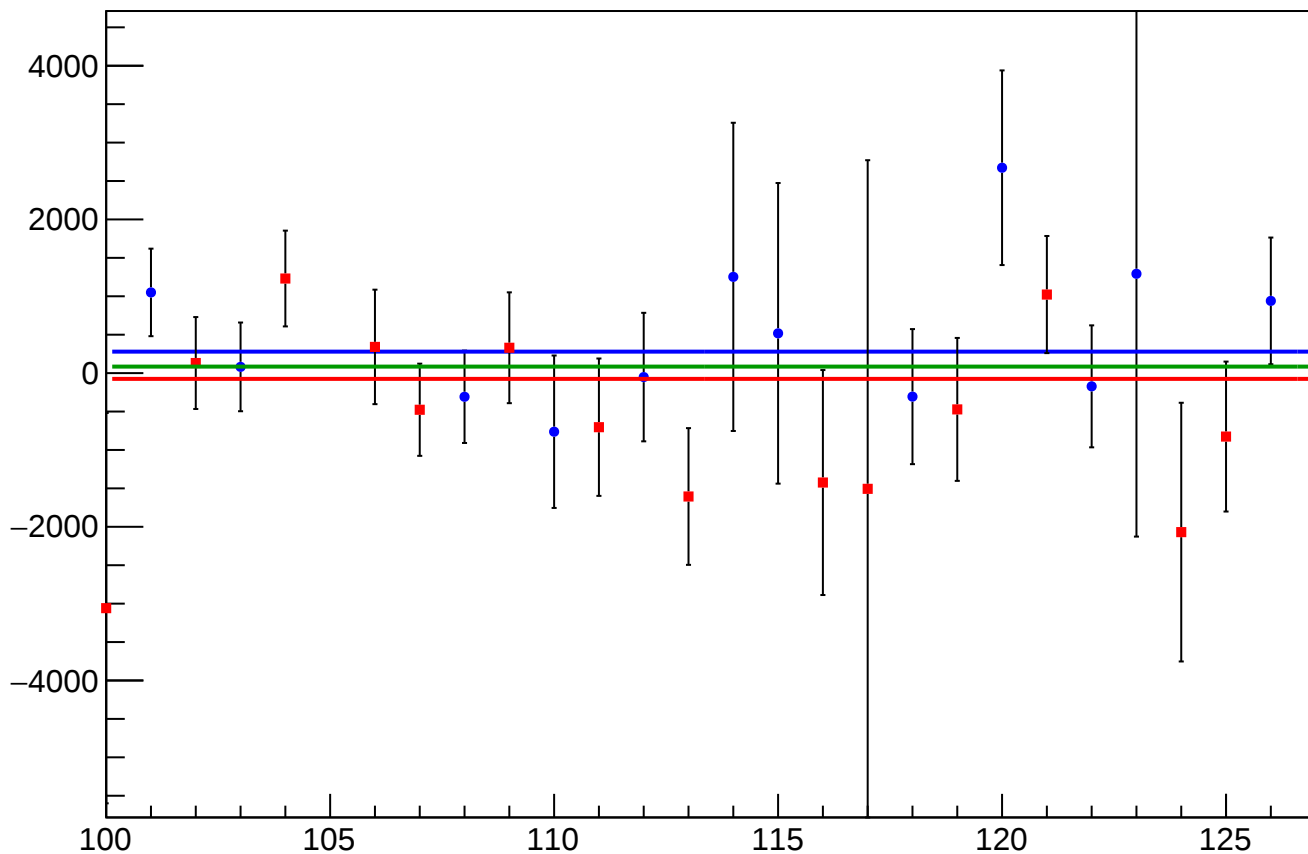
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

483.642+/-0.170 χ^2/NDF : 314246.1/11

485.707+/-0.114 χ^2/NDF : 769278.0/26

487.400+/-0.154 χ^2/NDF : 454763.2/14

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 279.567 $\pm$ 243.453 χ^2/NDF : 9.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -75.010 $\pm$ 220.562 χ^2/NDF : 15.8/14

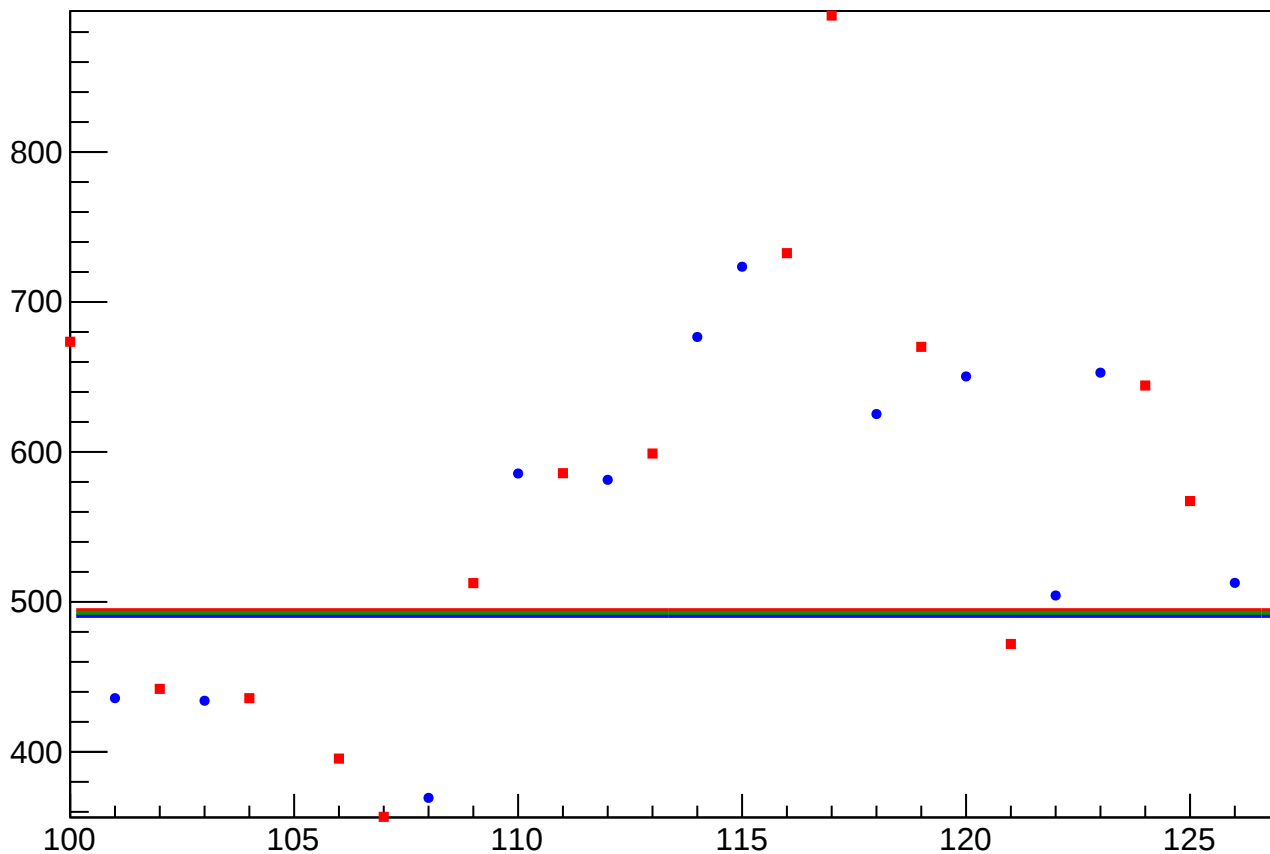
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

279.567 $\pm$ 243.453 χ^2/NDF : 9.5/11

84.829 $\pm$ 163.456 χ^2/NDF : 26.4/26

-75.010 $\pm$ 220.562 χ^2/NDF : 15.8/14

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 490.688+/-0.172 χ^2/NDF : 291949.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.495+/-0.156 χ^2/NDF : 429249.5/14

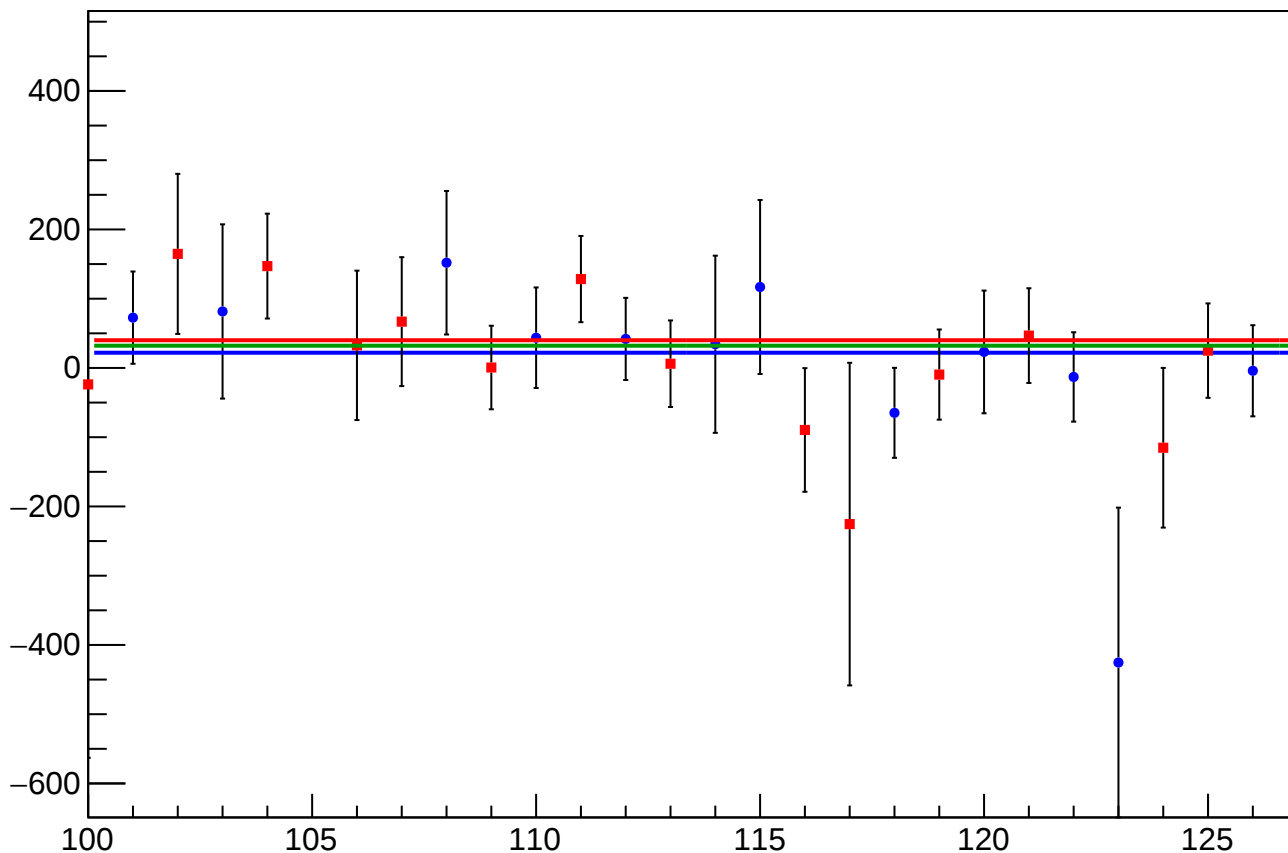
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

490.688+/-0.172 χ^2/NDF : 291949.6/11

492.779+/-0.116 χ^2/NDF : 721467.6/26

494.495+/-0.156 χ^2/NDF : 429249.5/14

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 21.997 $\pm$ 23.343 χ^2 /NDF: 9.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.033 $\pm$ 20.601 χ^2 /NDF: 12.6/14

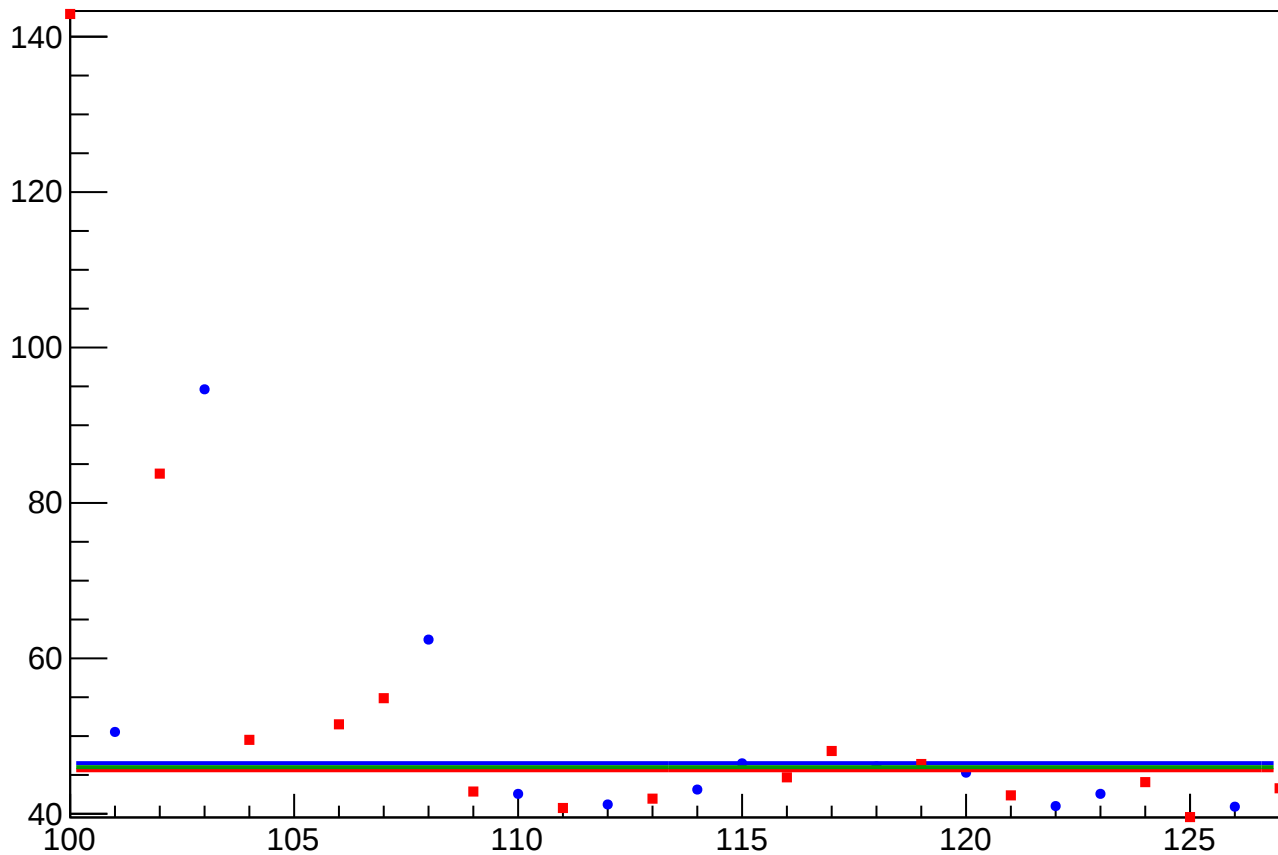
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.997 $\pm$ 23.343 χ^2 /NDF: 9.4/11

32.136 $\pm$ 15.446 χ^2 /NDF: 22.3/26

40.033 $\pm$ 20.601 χ^2 /NDF: 12.6/14

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 46.517+/-0.017 χ^2/NDF : 400294.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.603+/-0.015 χ^2/NDF : 361269.1/14

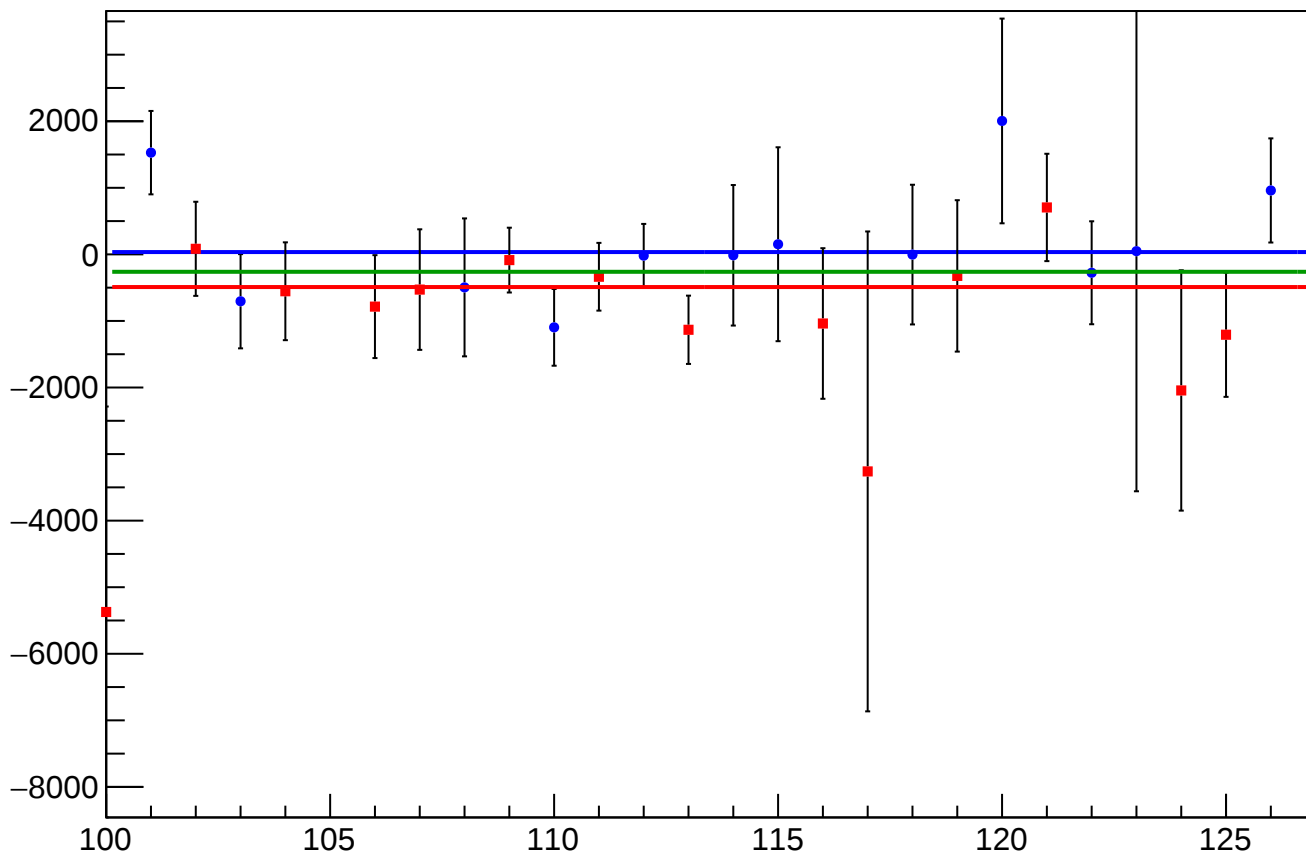
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.517+/-0.017 χ^2/NDF : 400294.8/11

46.003+/-0.011 χ^2/NDF : 763288.9/26

45.603+/-0.015 χ^2/NDF : 361269.1/14

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 34.753 ± 229.608 χ^2/NDF : 14.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -490.764 ± 201.847 χ^2/NDF : 10.1/14

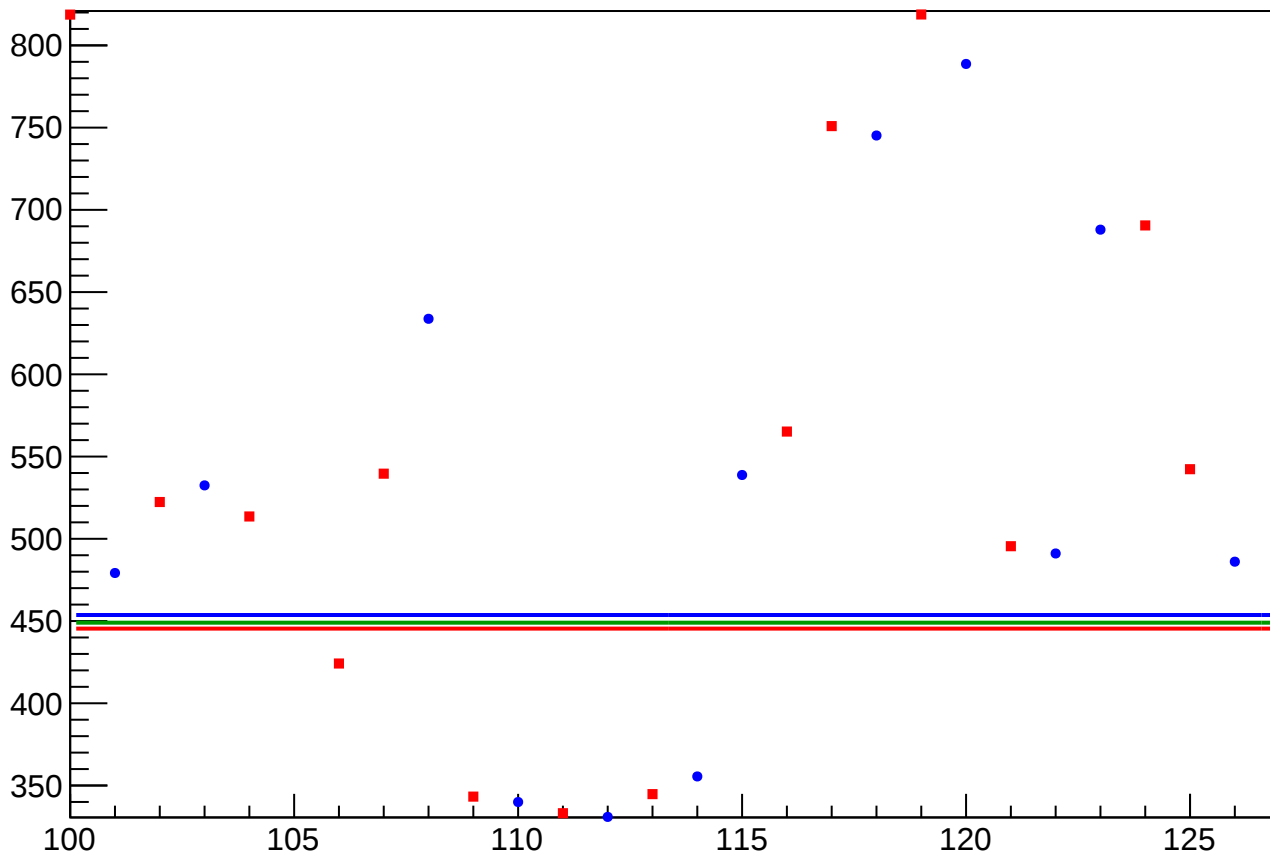
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

34.753 ± 229.608 χ^2/NDF : 14.1/11

-261.679 ± 151.598 χ^2/NDF : 27.1/26

-490.764 ± 201.847 χ^2/NDF : 10.1/14

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 453.669+/-0.162 χ^2/NDF : 588966.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.397+/-0.143 χ^2/NDF : 728085.3/14

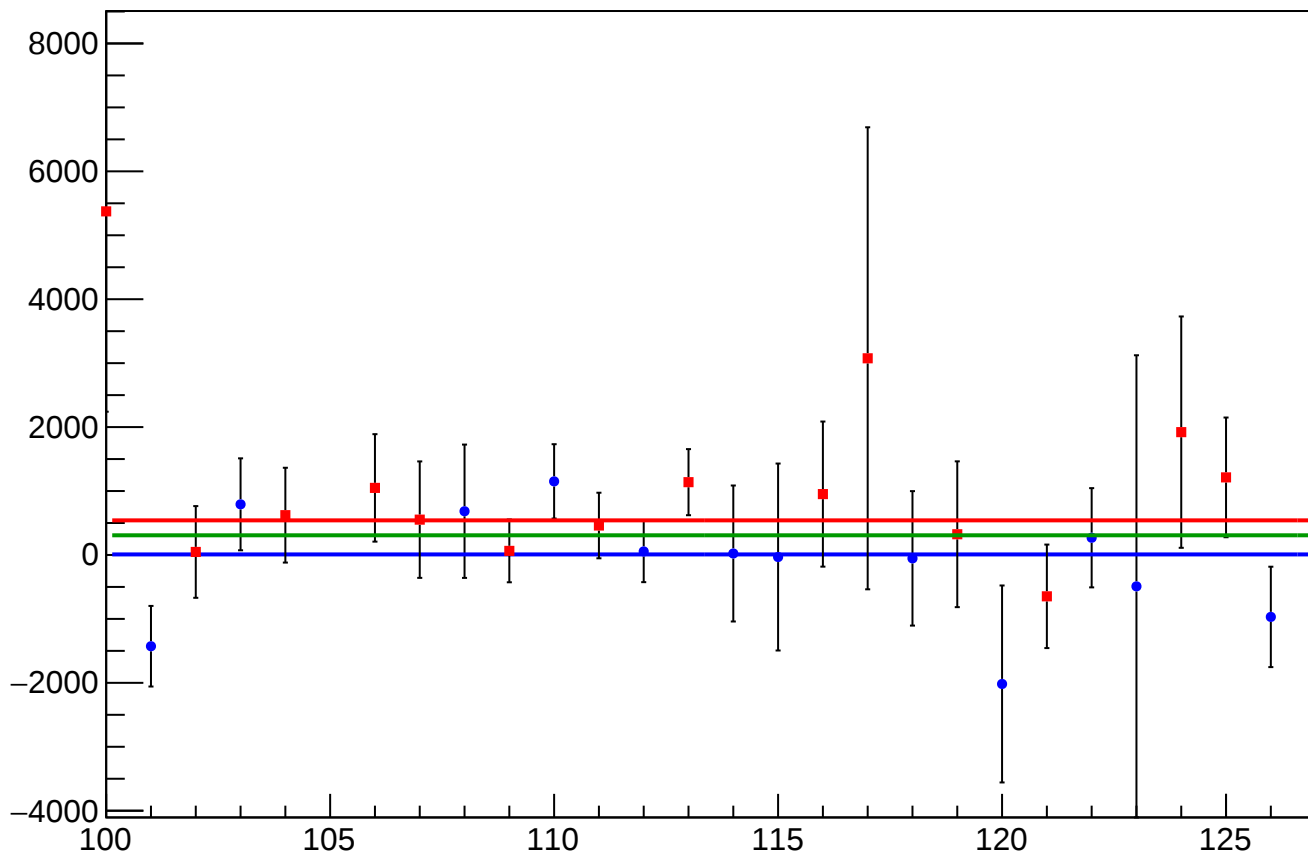
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

453.669+/-0.162 χ^2/NDF : 588966.6/11

449.003+/-0.107 χ^2/NDF : 1318515.9/26

445.397+/-0.143 χ^2/NDF : 728085.3/14

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 8.443 $\pm$ 231.250 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 541.166 $\pm$ 204.316 χ^2 /NDF: 9.5/14

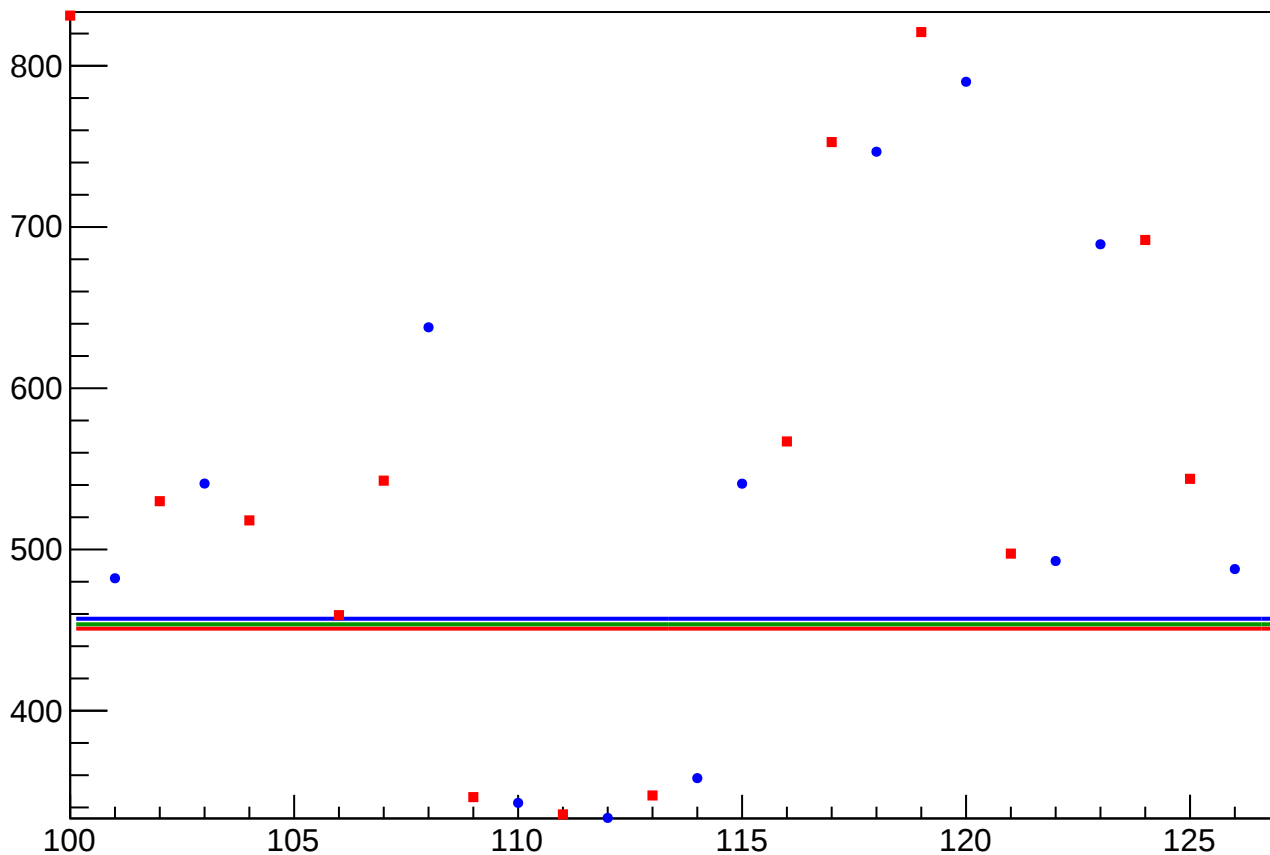
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.443 $\pm$ 231.250 χ^2 /NDF: 14.1/11

307.620 $\pm$ 153.115 χ^2 /NDF: 26.5/26

541.166 $\pm$ 204.316 χ^2 /NDF: 9.5/14

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 457.049+/-0.164 χ^2/NDF : 584621.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.914+/-0.144 χ^2/NDF : 720518.0/14

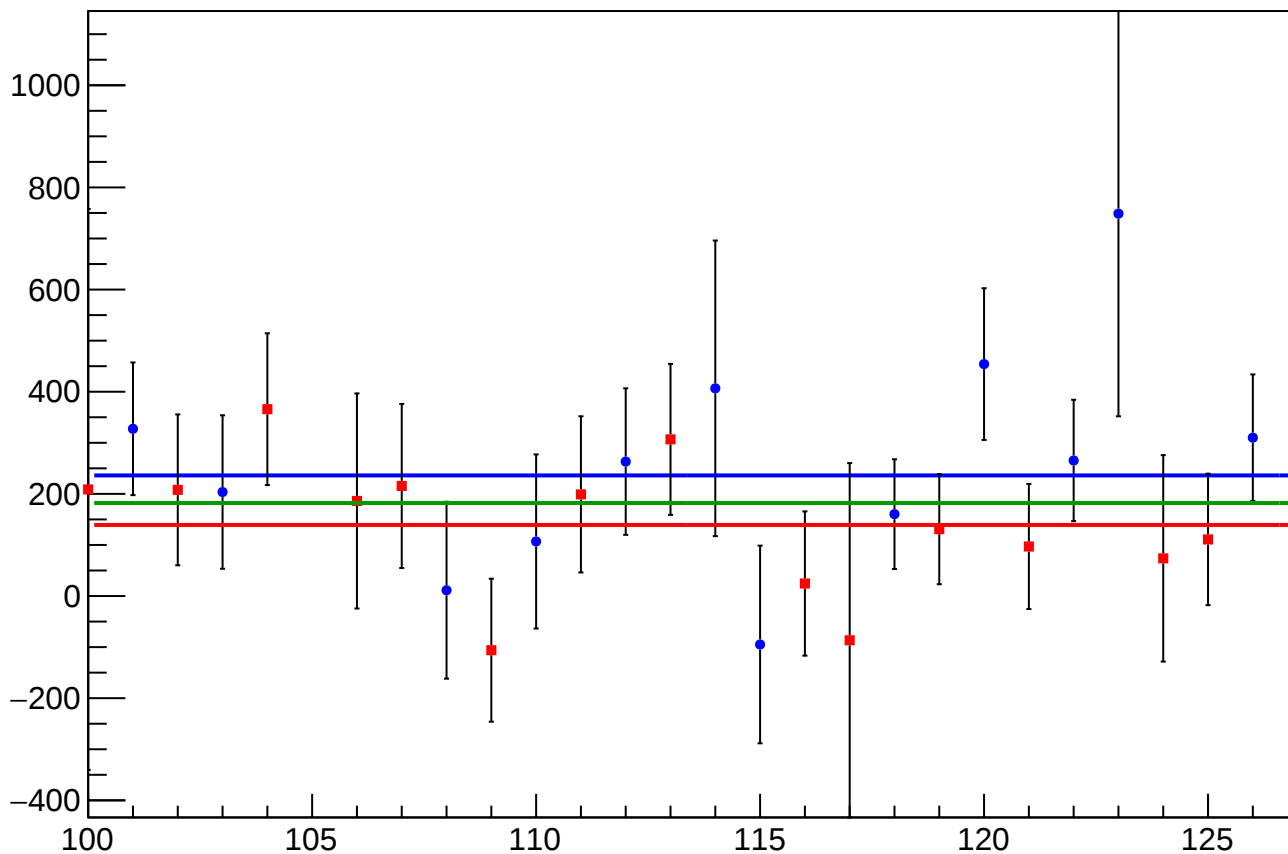
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

457.049+/-0.164 χ^2/NDF : 584621.3/11

453.603+/-0.108 χ^2/NDF : 1305929.8/26

450.914+/-0.144 χ^2/NDF : 720518.0/14

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 236.158 $\pm$ 43.314 χ^2 /NDF: 10.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.161 $\pm$ 38.689 χ^2 /NDF: 8.7/14

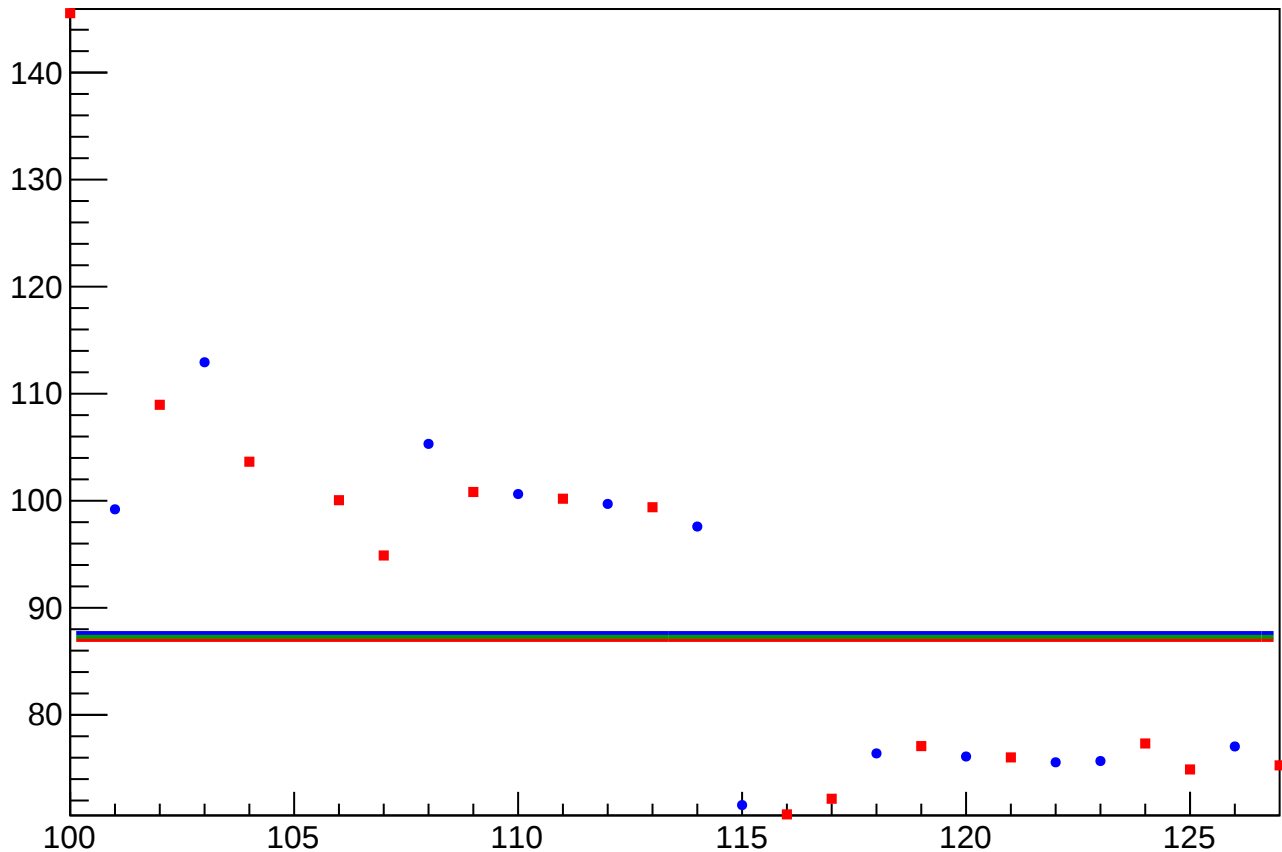
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

236.158 $\pm$ 43.314 χ^2 /NDF: 10.8/11

182.206 $\pm$ 28.854 χ^2 /NDF: 22.3/26

139.161 $\pm$ 38.689 χ^2 /NDF: 8.7/14

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 87.642 $\pm$ 0.031 χ^2 /NDF: 206351.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.001 $\pm$ 0.027 χ^2 /NDF: 259612.2/14

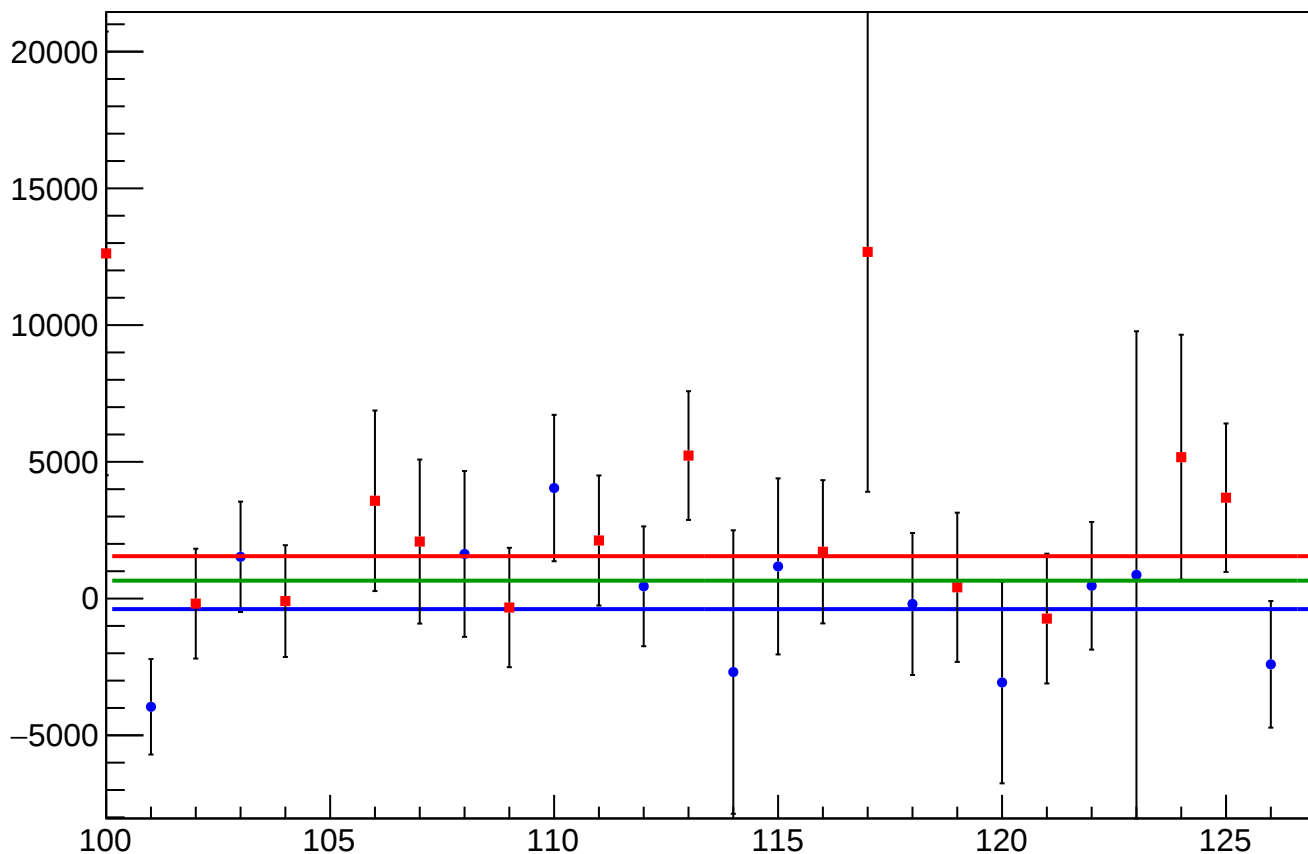
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

87.642 $\pm$ 0.031 χ^2 /NDF: 206351.2/11

87.286 $\pm$ 0.020 χ^2 /NDF: 466207.4/26

87.001 $\pm$ 0.027 χ^2 /NDF: 259612.2/14

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -385.636+/-751.846 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.531+/-696.994 χ^2/NDF : 10.9/14

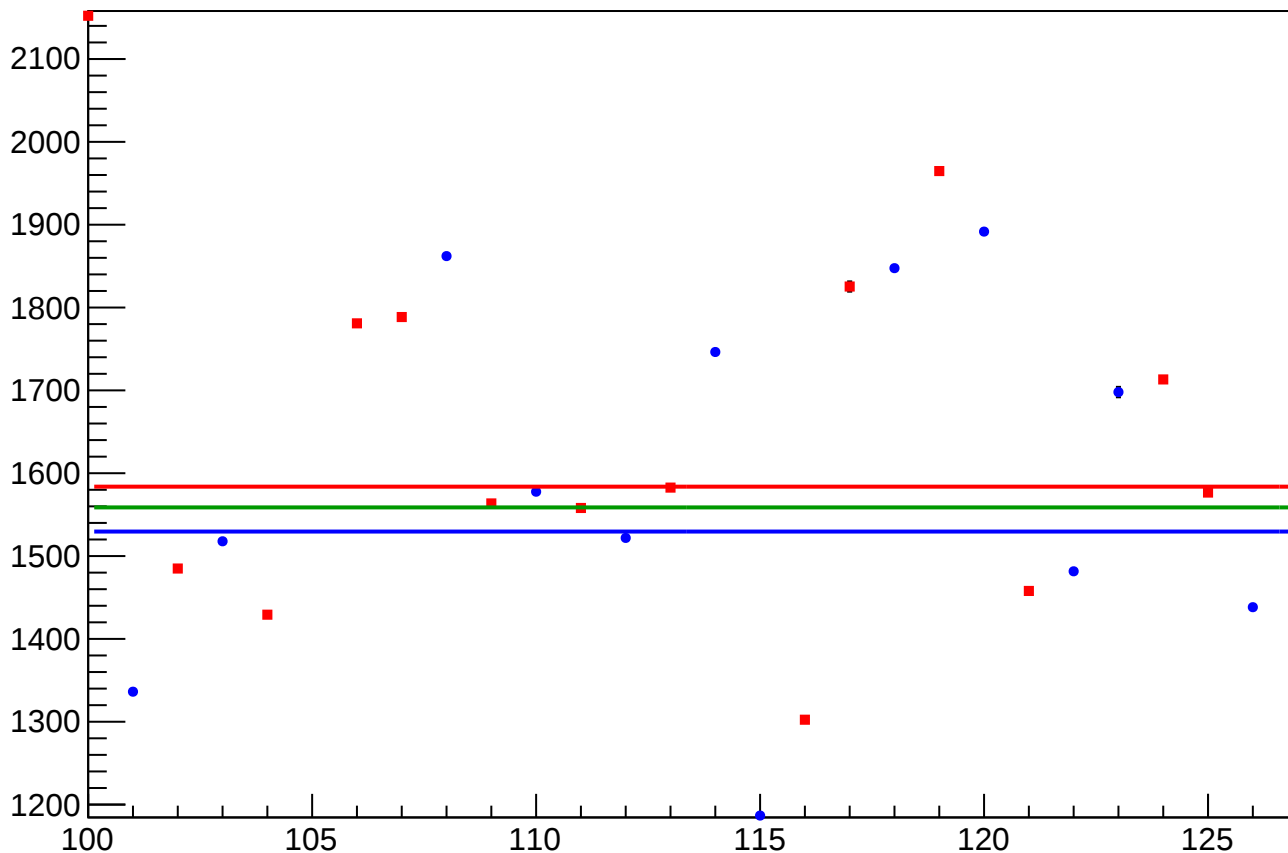
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-385.636+/-751.846 χ^2/NDF : 10.3/11

655.106+/-511.142 χ^2/NDF : 24.8/26

1549.531+/-696.994 χ^2/NDF : 10.9/14

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1529.586 $\pm$ 0.532 χ^2 /NDF: 129459.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1583.778 $\pm$ 0.493 χ^2 /NDF: 123156.7/14

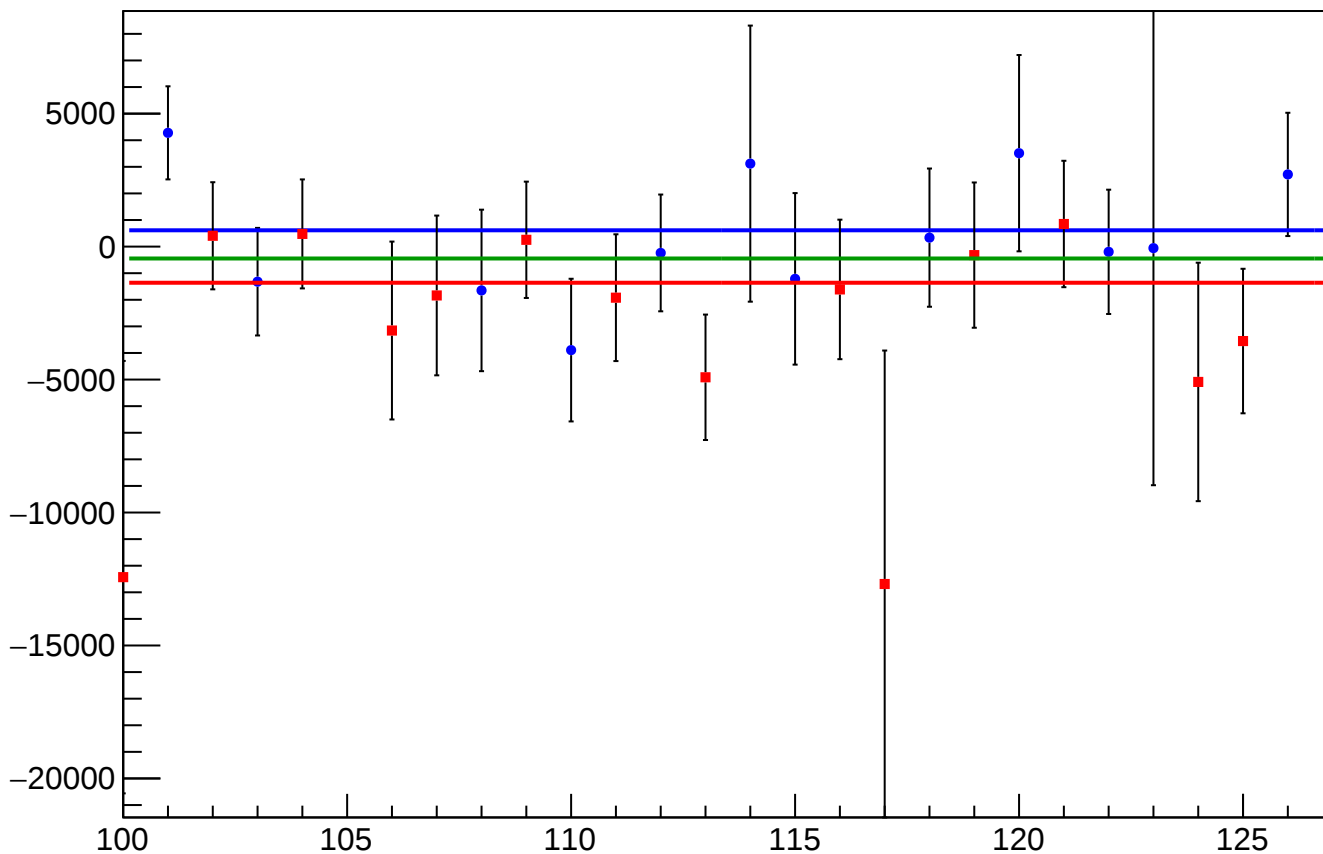
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1529.586 $\pm$ 0.532 χ^2 /NDF: 129459.0/11

1558.731 $\pm$ 0.361 χ^2 /NDF: 258204.0/26

1583.778 $\pm$ 0.493 χ^2 /NDF: 123156.7/14

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 613.200 $\pm$ 753.337 χ^2 /NDF: 11.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1359.053 $\pm$ 698.645 χ^2 /NDF: 10.7/14

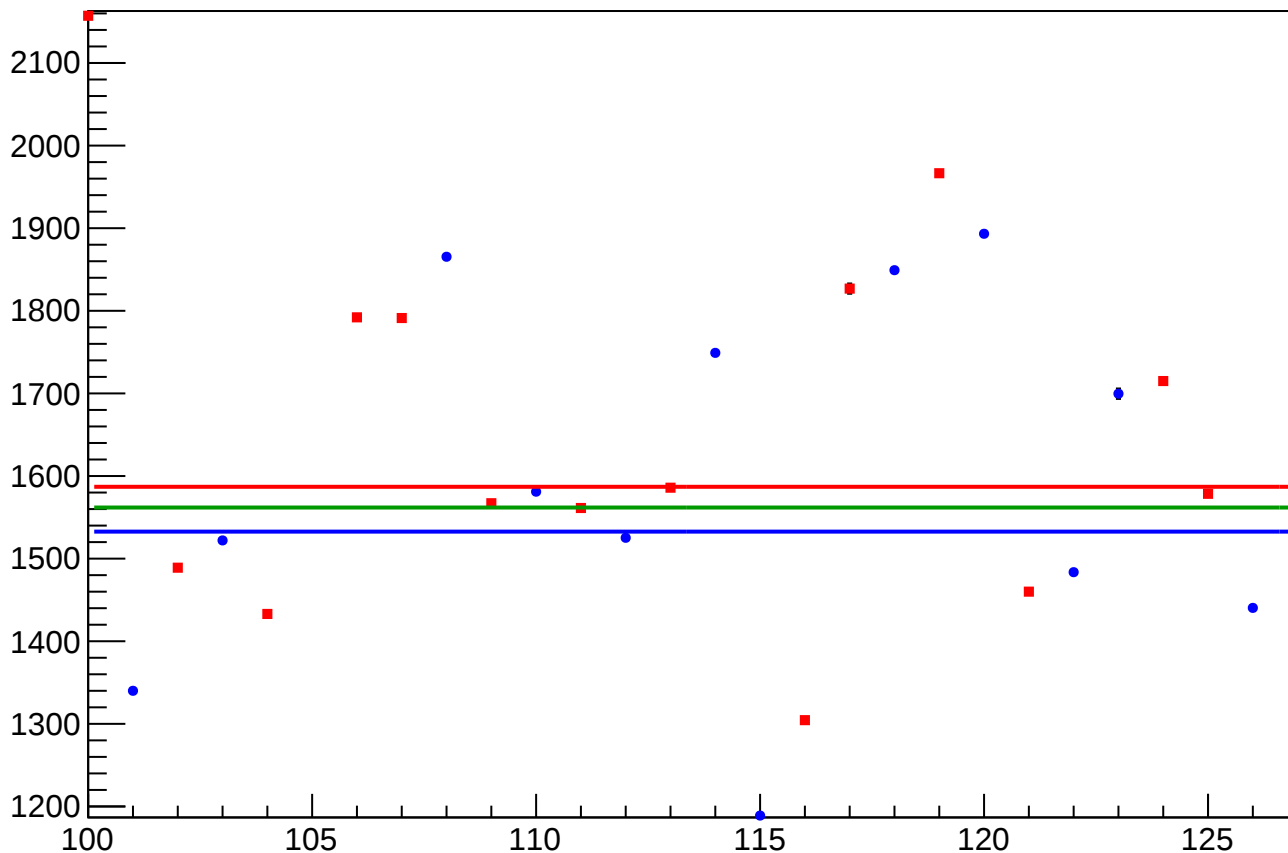
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

613.200 $\pm$ 753.337 χ^2 /NDF: 11.0/11

-447.110 $\pm$ 512.261 χ^2 /NDF: 25.3/26

-1359.053 $\pm$ 698.645 χ^2 /NDF: 10.7/14

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1532.702 $\pm$ 0.533 χ^2 /NDF: 128666.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1586.967 $\pm$ 0.494 χ^2 /NDF: 122866.6/14

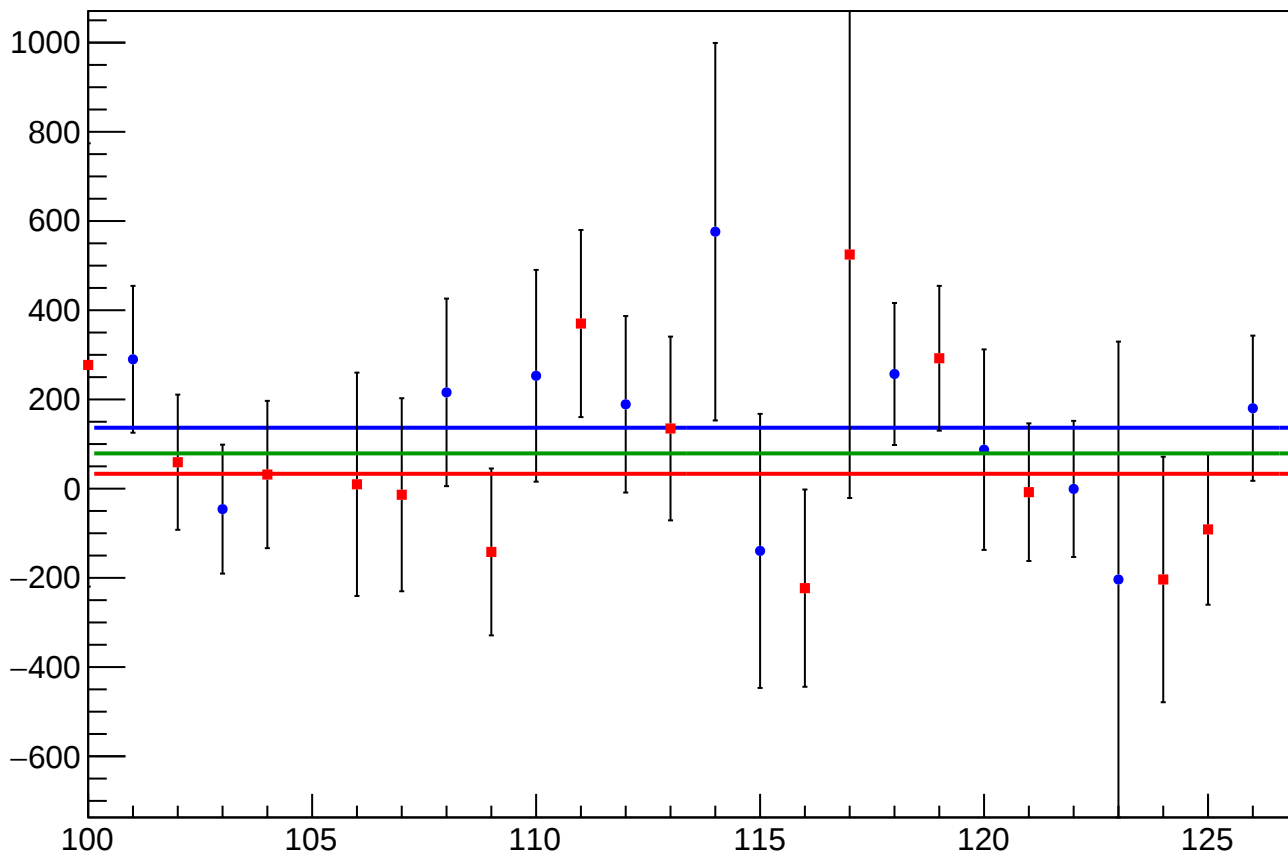
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1532.702 $\pm$ 0.533 χ^2 /NDF: 128666.0/11

1561.876 $\pm$ 0.362 χ^2 /NDF: 257111.7/26

1586.967 $\pm$ 0.494 χ^2 /NDF: 122866.6/14

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 136.575+/-56.767 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.321+/-50.602 χ^2/NDF : 10.3/14

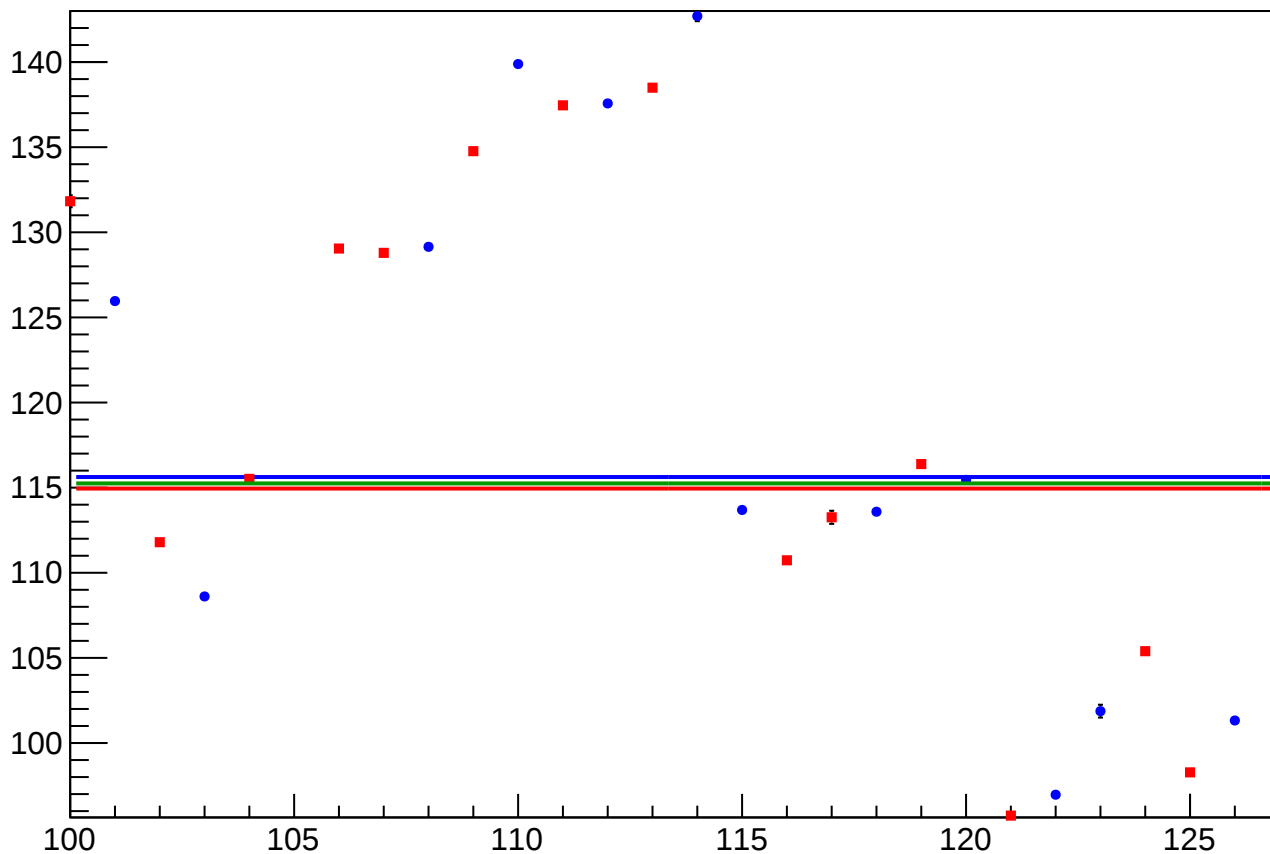
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.575+/-56.767 χ^2/NDF : 6.7/11

79.039+/-37.773 χ^2/NDF : 18.8/26

33.321+/-50.602 χ^2/NDF : 10.3/14

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.624+/-0.040 χ^2/NDF : 121645.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.948+/-0.036 χ^2/NDF : 157590.9/14

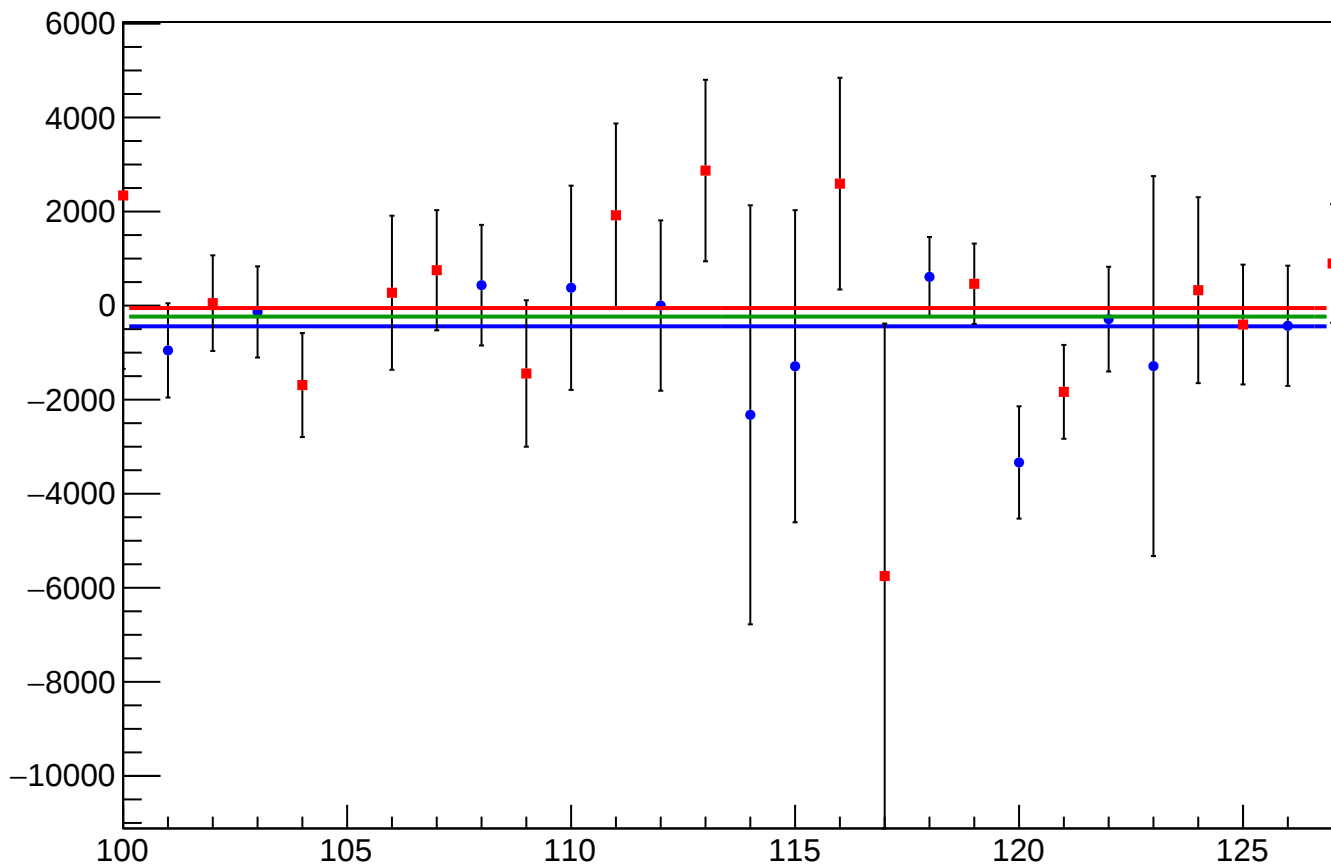
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.624+/-0.040 χ^2/NDF : 121645.0/11

115.247+/-0.027 χ^2/NDF : 279394.2/26

114.948+/-0.036 χ^2/NDF : 157590.9/14

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -440.607 ± 380.706 χ^2/NDF : 8.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -52.284 ± 355.973 χ^2/NDF : 13.9/14

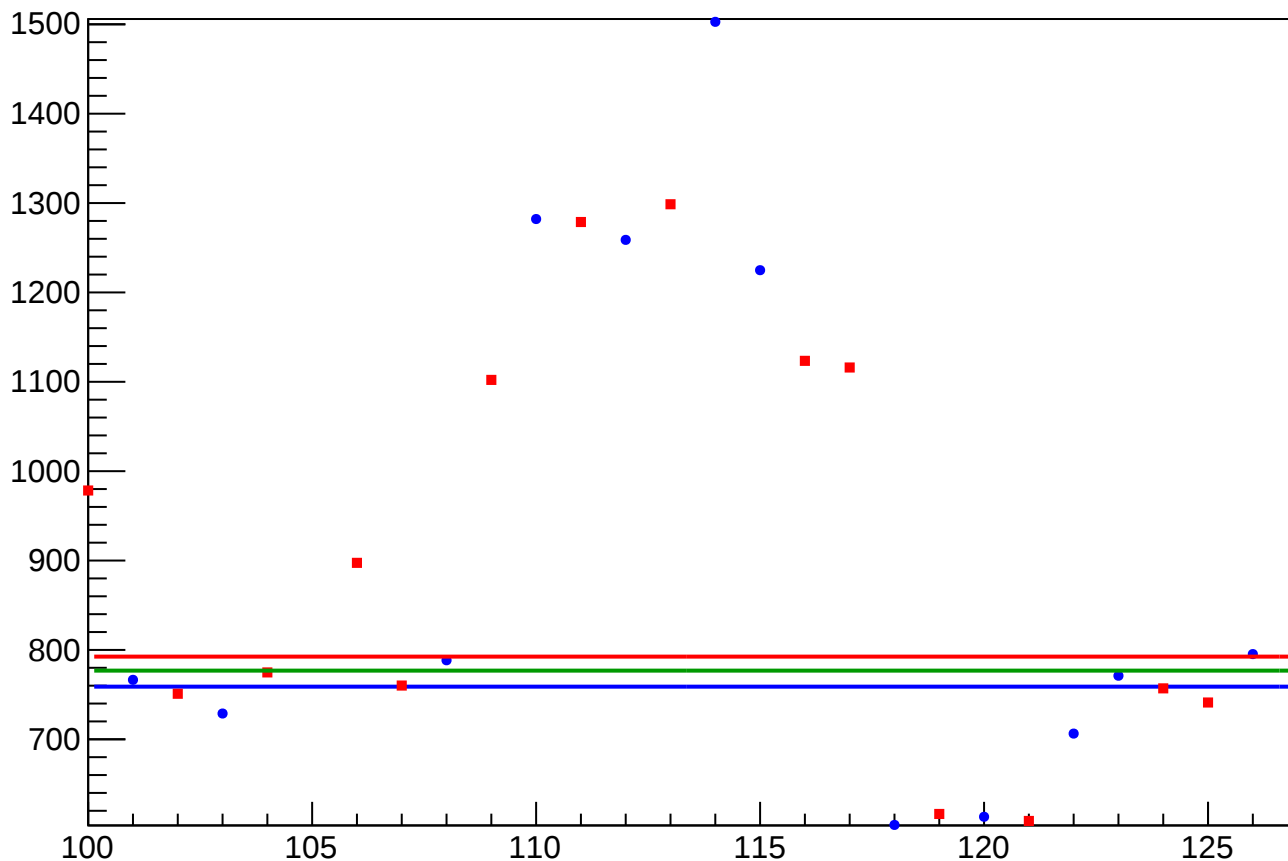
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-440.607 ± 380.706 χ^2/NDF : 8.7/11

-233.423 ± 260.015 χ^2/NDF : 23.2/26

-52.284 ± 355.973 χ^2/NDF : 13.9/14

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 758.902 $\pm$ 0.269 χ^2 /NDF: 469252.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 792.513 $\pm$ 0.252 χ^2 /NDF: 567503.0/14

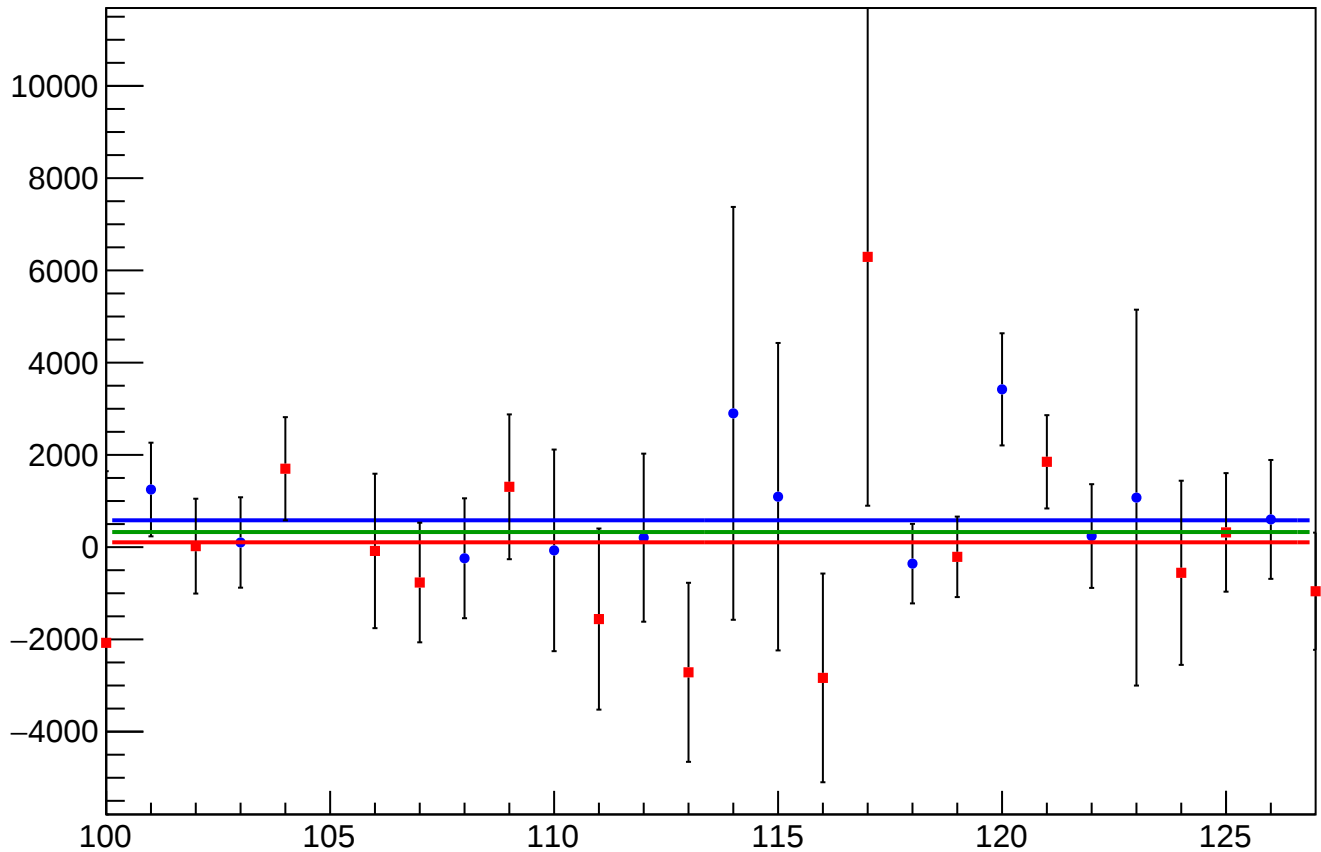
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

758.902 $\pm$ 0.269 χ^2 /NDF: 469252.0/11

776.835 $\pm$ 0.184 χ^2 /NDF: 1045072.5/26

792.513 $\pm$ 0.252 χ^2 /NDF: 567503.0/14

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 582.022+/-385.540 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.898+/-360.422 χ^2/NDF : 13.2/14

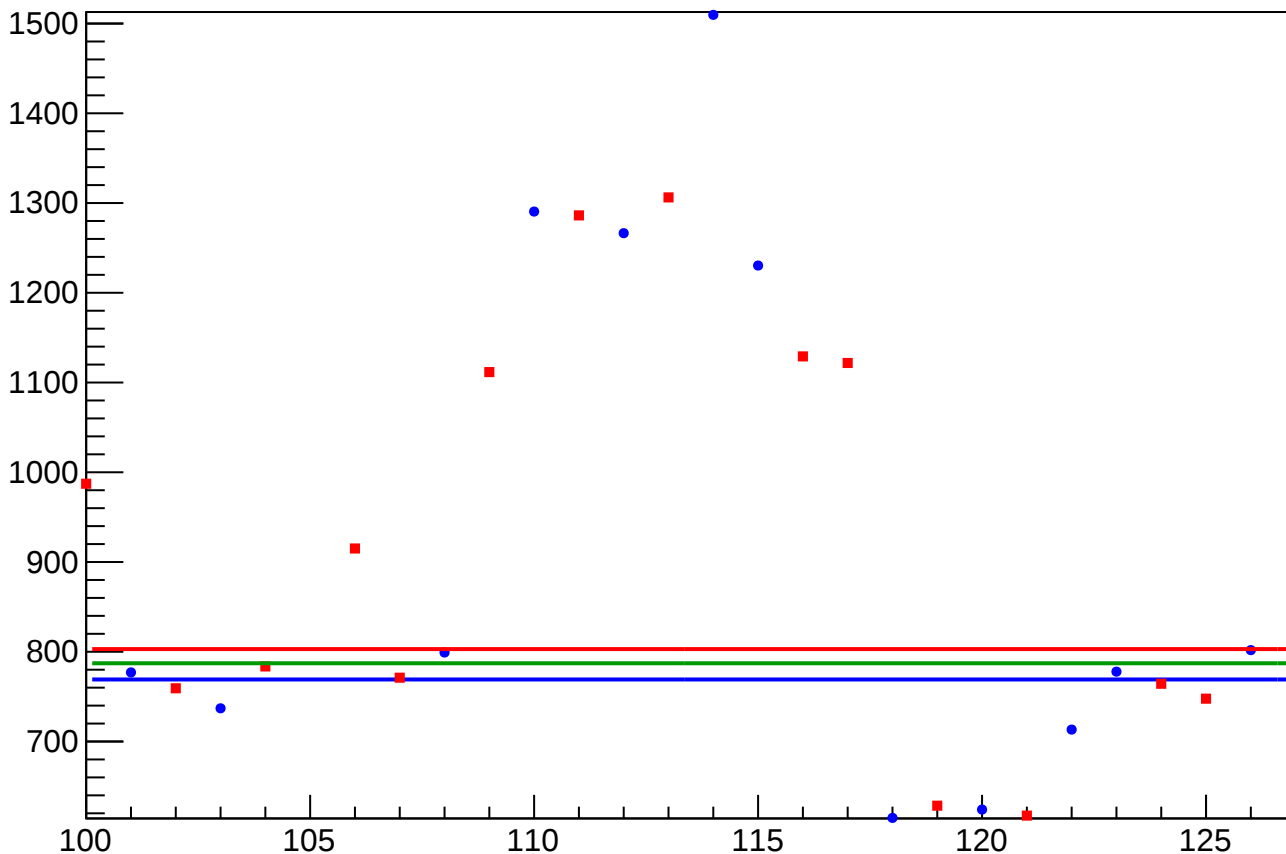
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

582.022+/-385.540 χ^2/NDF : 8.2/11

327.412+/-263.289 χ^2/NDF : 22.3/26

104.898+/-360.422 χ^2/NDF : 13.2/14

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 769.125+/-0.273 χ^2/NDF : 457858.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.977+/-0.255 χ^2/NDF : 553548.7/14

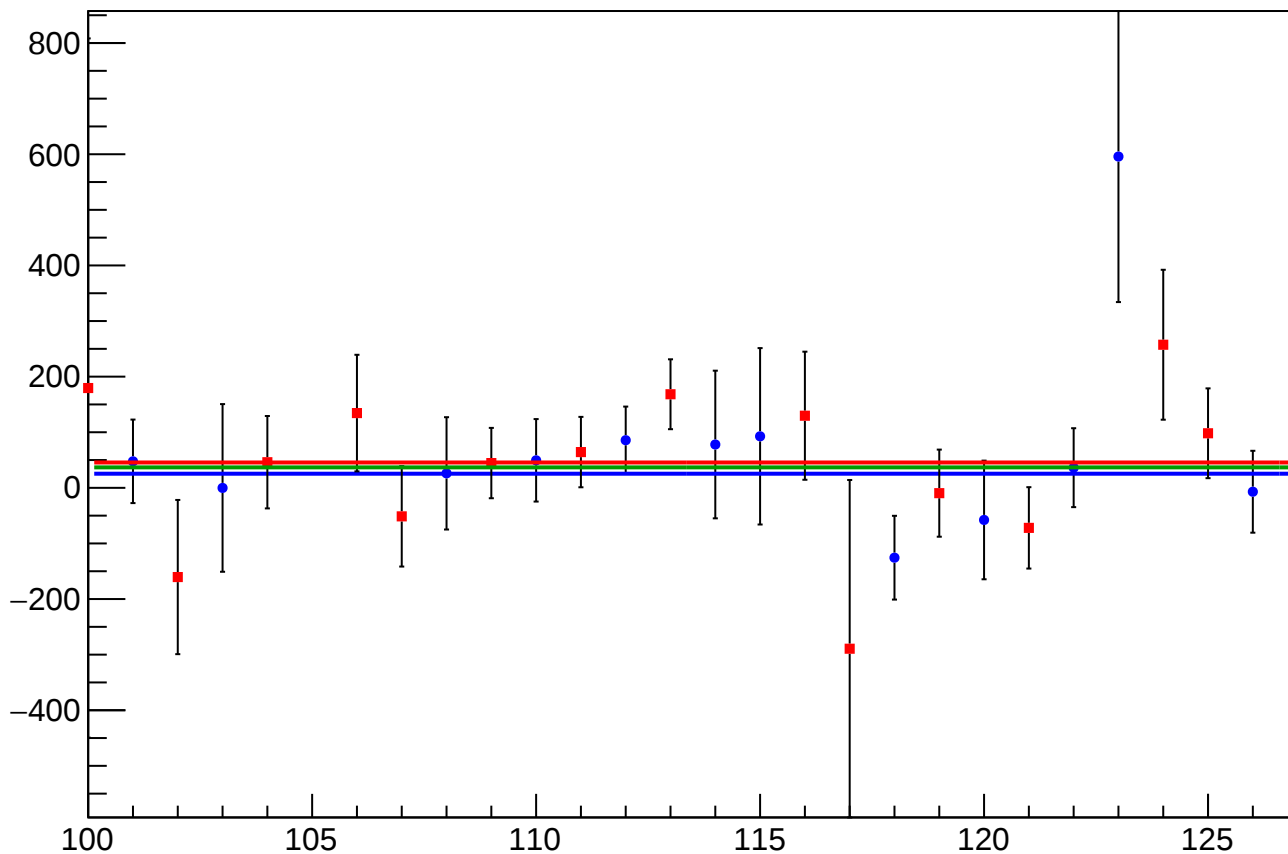
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

769.125+/-0.273 χ^2/NDF : 457858.9/11

787.190+/-0.186 χ^2/NDF : 1019635.8/26

802.977+/-0.255 χ^2/NDF : 553548.7/14

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 25.408+/-25.543 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.601+/-22.448 χ^2/NDF : 16.7/14

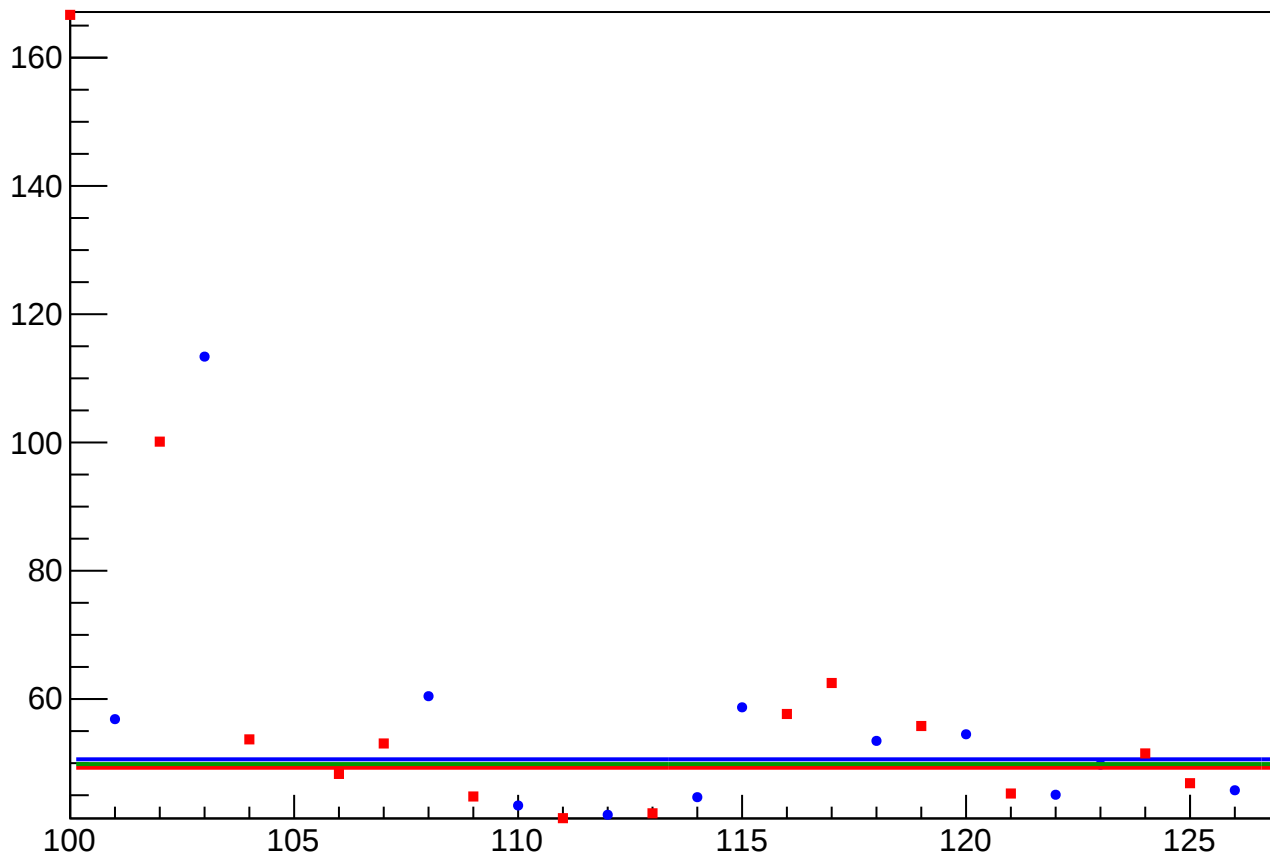
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.408+/-25.543 χ^2/NDF : 11.1/11

36.802+/-16.862 χ^2/NDF : 28.2/26

45.601+/-22.448 χ^2/NDF : 16.7/14

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.598 $\pm$ 0.018 χ^2 /NDF: 474957.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.287 $\pm$ 0.016 χ^2 /NDF: 450974.7/14

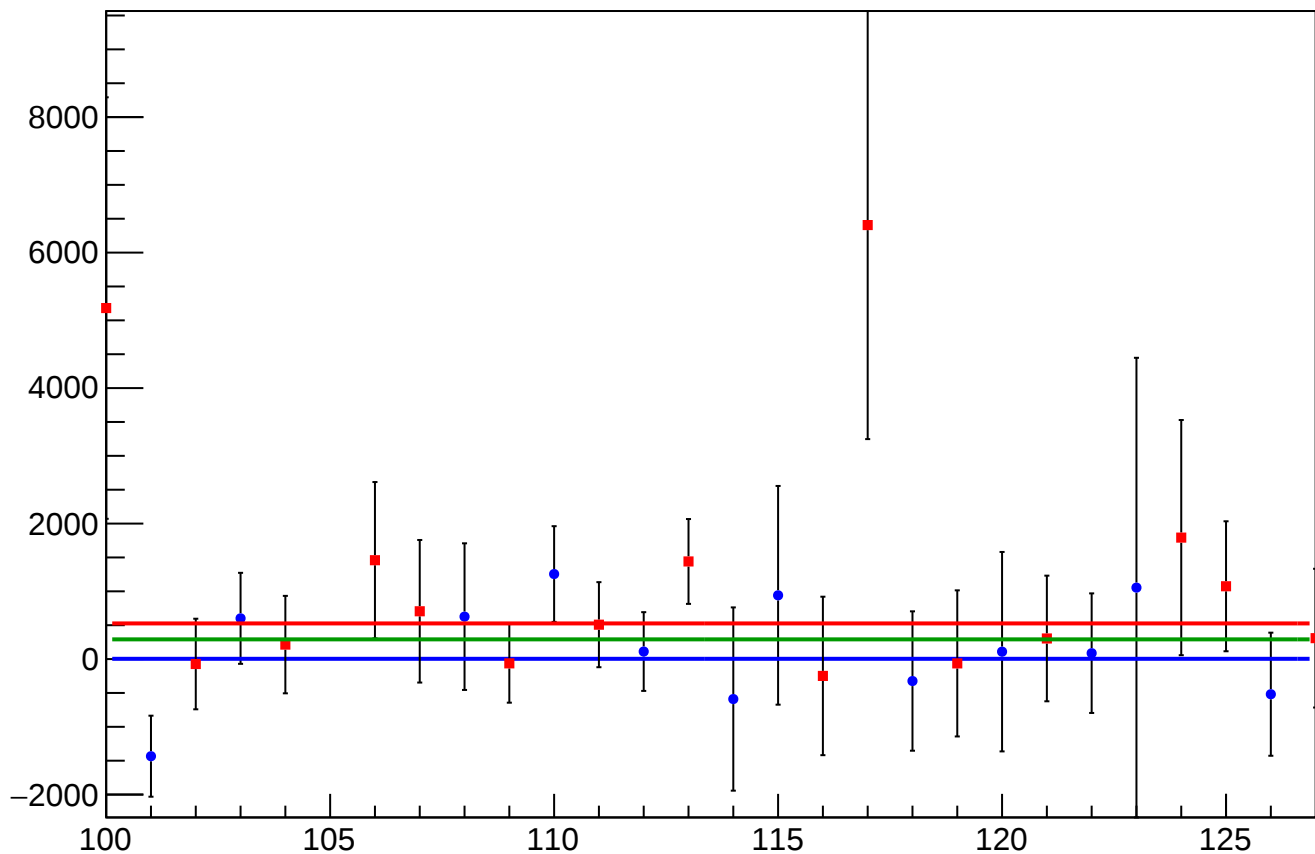
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

50.598 $\pm$ 0.018 χ^2 /NDF: 474957.5/11

49.858 $\pm$ 0.012 χ^2 /NDF: 928907.1/26

49.287 $\pm$ 0.016 χ^2 /NDF: 450974.7/14

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 3.890 ± 251.982 $\chi^2/\text{NDF}: 11.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 526.234 ± 228.159 $\chi^2/\text{NDF}: 12.2/14$

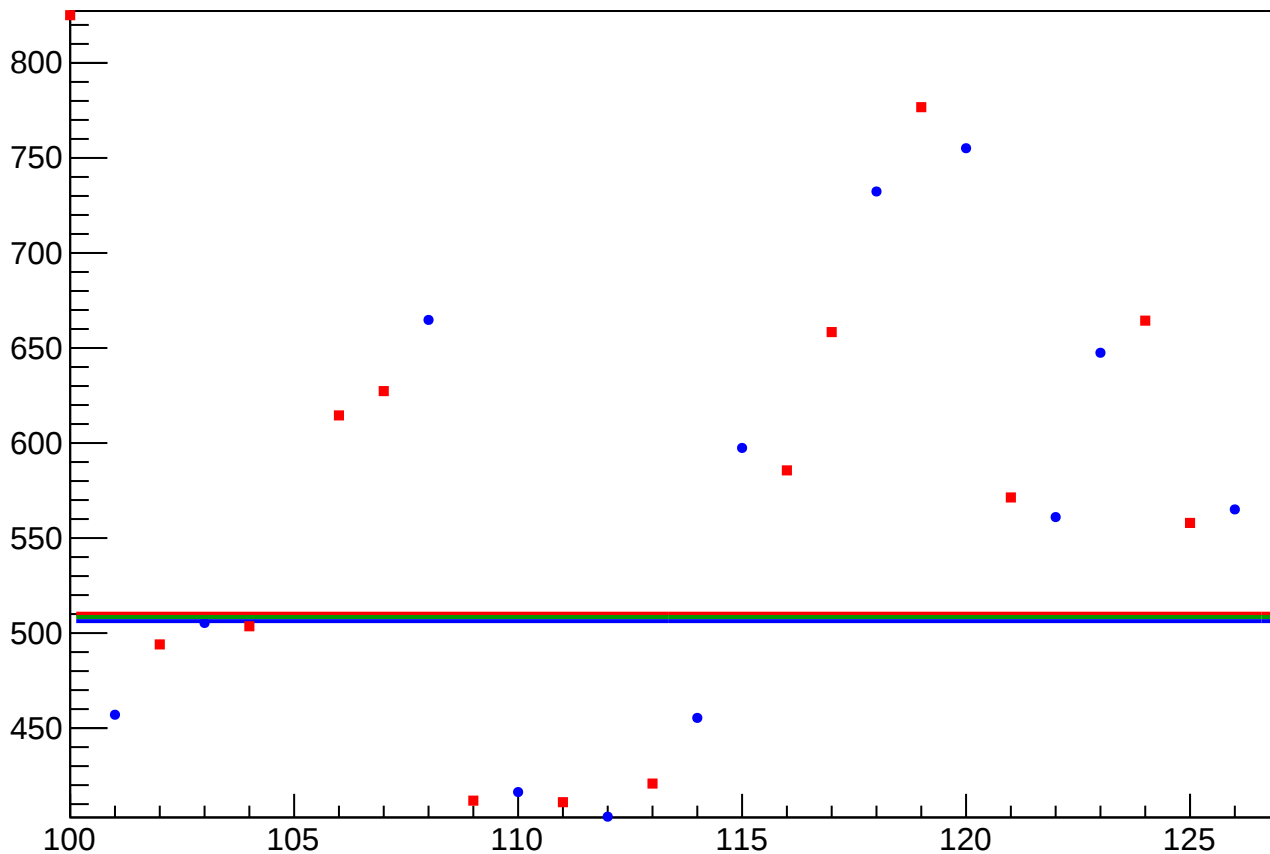
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.890 ± 251.982 $\chi^2/\text{NDF}: 11.1/11$

290.915 ± 169.129 $\chi^2/\text{NDF}: 25.8/26$

526.234 ± 228.159 $\chi^2/\text{NDF}: 12.2/14$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 506.291+/-0.178 χ^2/NDF : 334053.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.198+/-0.161 χ^2/NDF : 411083.3/14

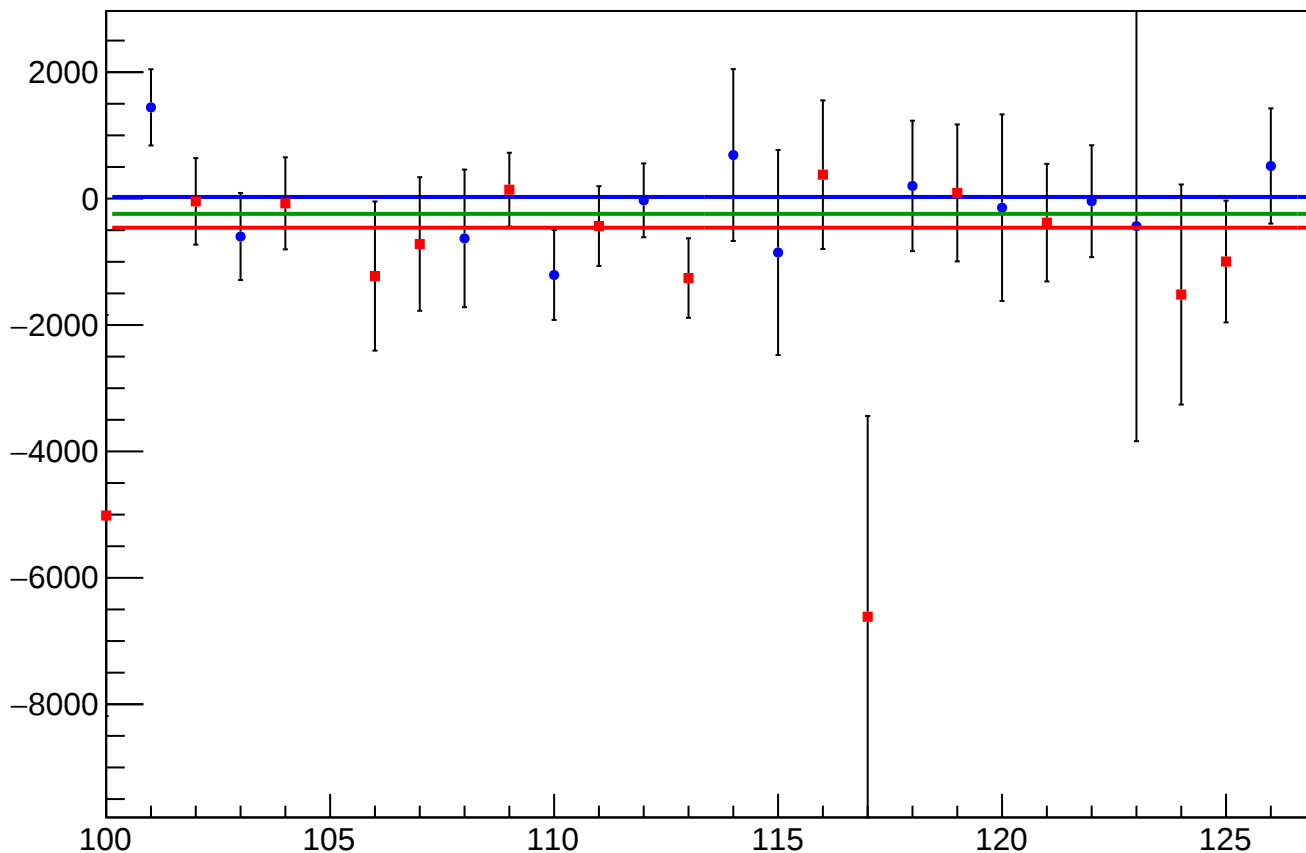
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

506.291+/-0.178 χ^2/NDF : 334053.4/11

508.438+/-0.120 χ^2/NDF : 745401.0/26

510.198+/-0.161 χ^2/NDF : 411083.3/14

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 25.738+/-254.046 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -460.730+/-230.140 χ^2/NDF : 11.1/14

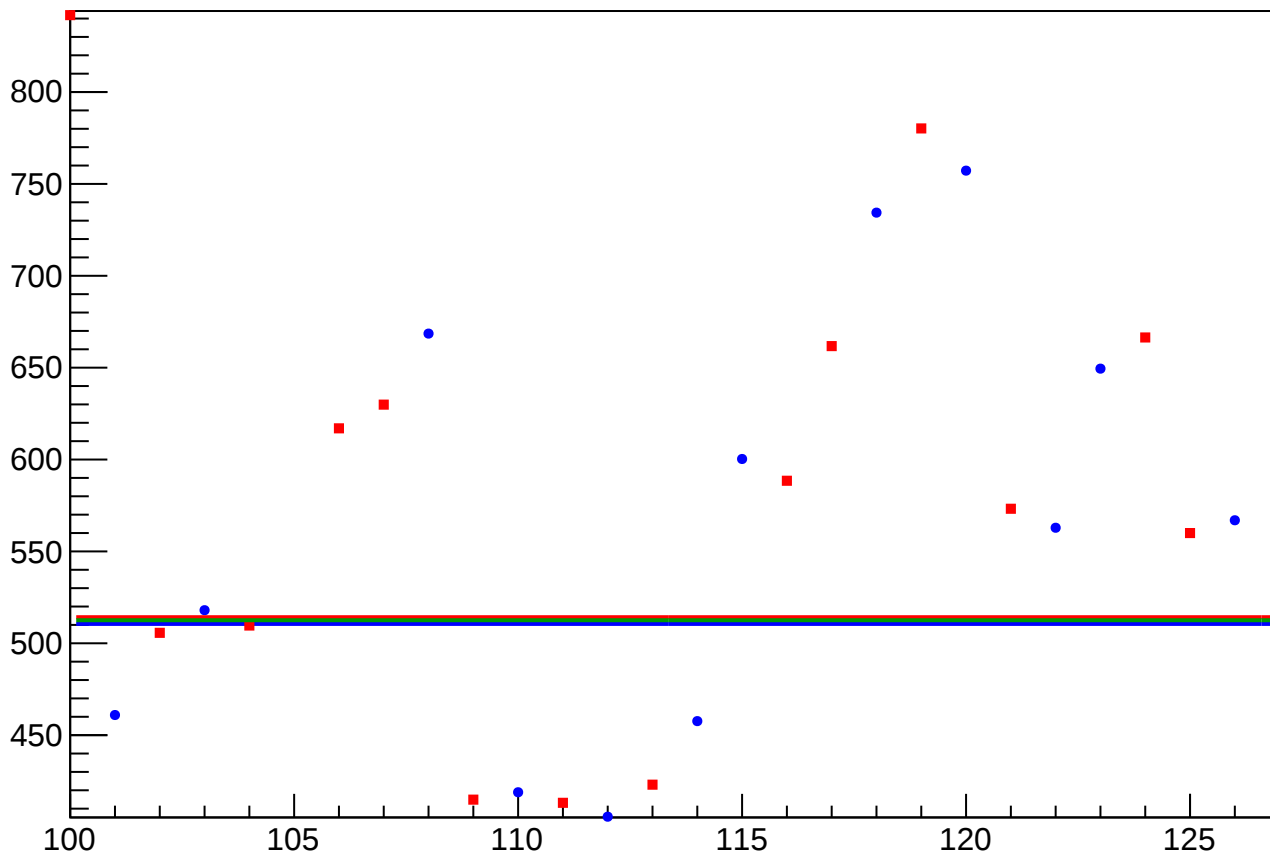
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.738+/-254.046 χ^2/NDF : 10.6/11

-241.456+/-170.560 χ^2/NDF : 23.7/26

-460.730+/-230.140 χ^2/NDF : 11.1/14

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 510.545+/-0.180 χ^2/NDF : 330755.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.193+/-0.163 χ^2/NDF : 407070.1/14

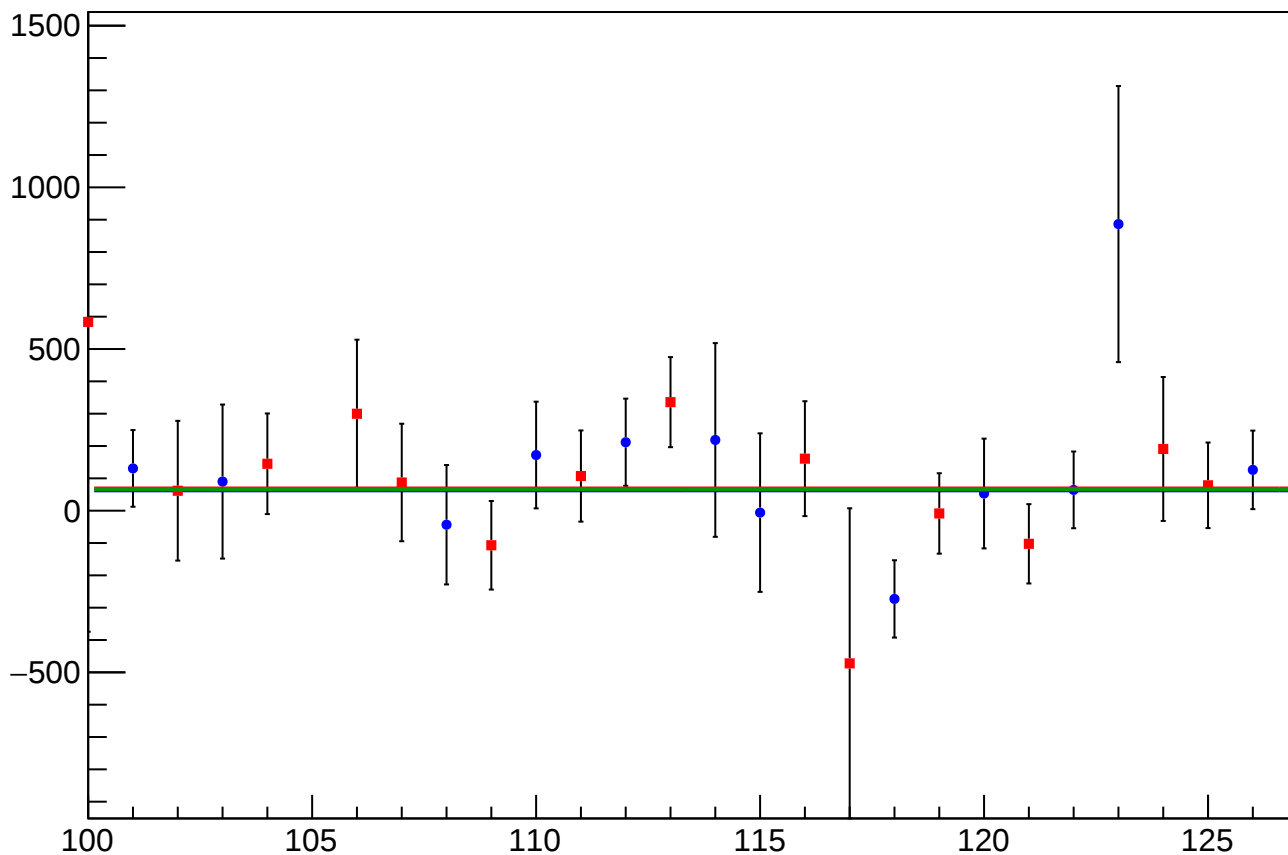
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

510.545+/-0.180 χ^2/NDF : 330755.2/11

512.549+/-0.121 χ^2/NDF : 738051.9/26

514.193+/-0.163 χ^2/NDF : 407070.1/14

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 63.026+/-45.331 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.554+/-41.605 χ^2/NDF : 11.2/14

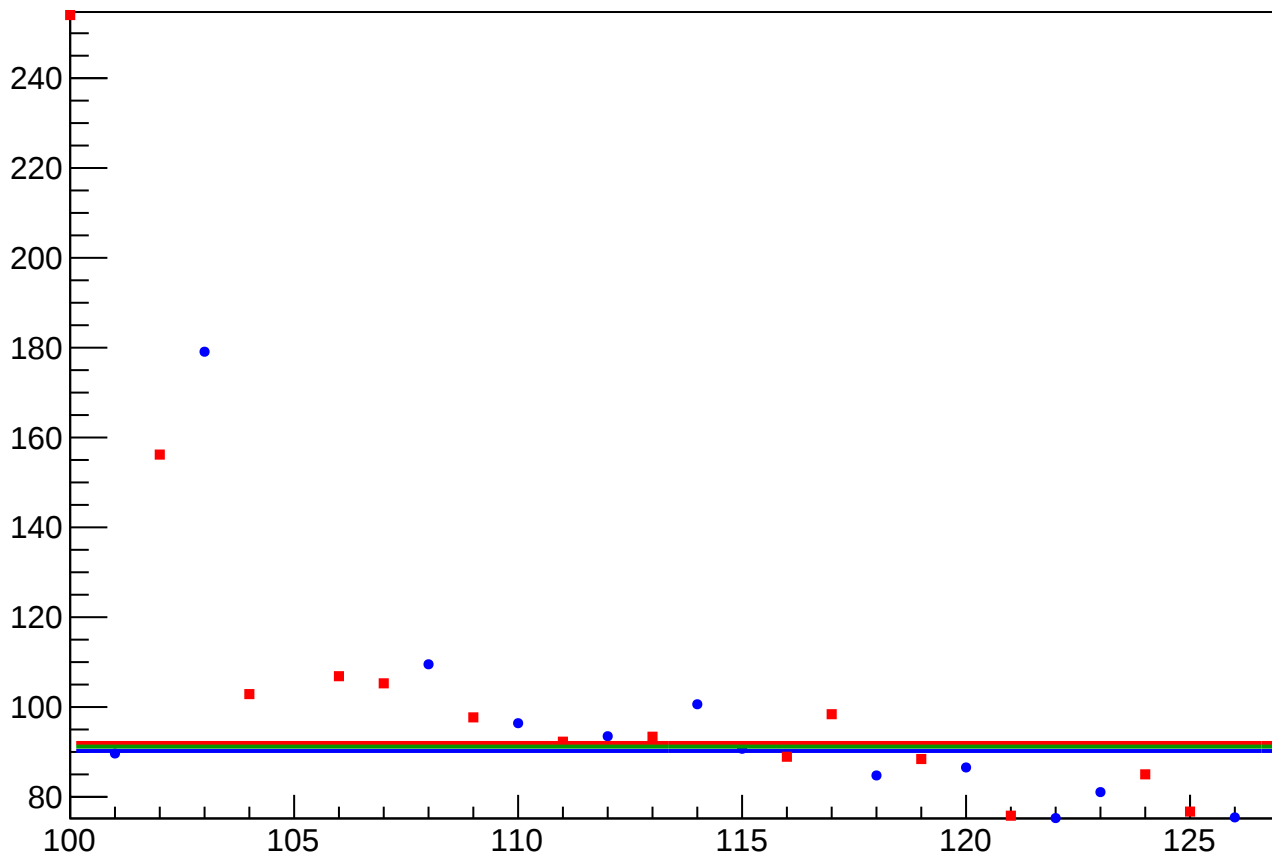
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.026+/-45.331 χ^2/NDF : 14.6/11

66.027+/-30.652 χ^2/NDF : 25.8/26

68.554+/-41.605 χ^2/NDF : 11.2/14

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 90.220+/-0.032 χ^2/NDF : 374155.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.999+/-0.029 χ^2/NDF : 346765.3/14

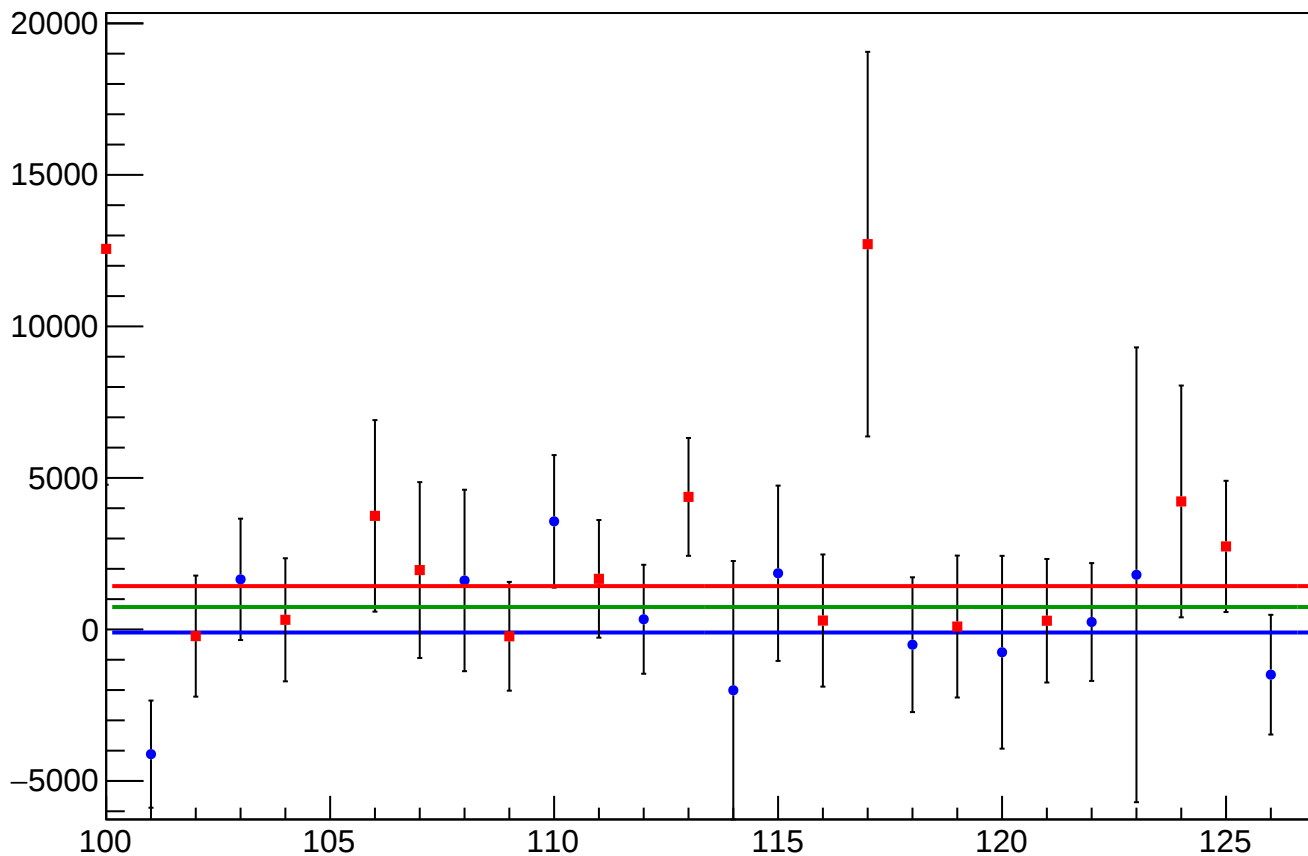
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.220+/-0.032 χ^2/NDF : 374155.9/11

91.186+/-0.022 χ^2/NDF : 722592.2/26

91.999+/-0.029 χ^2/NDF : 346765.3/14

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -101.223+/-672.171 χ^2 /NDF: 10.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1429.918+/-608.596 χ^2 /NDF: 11.8/14

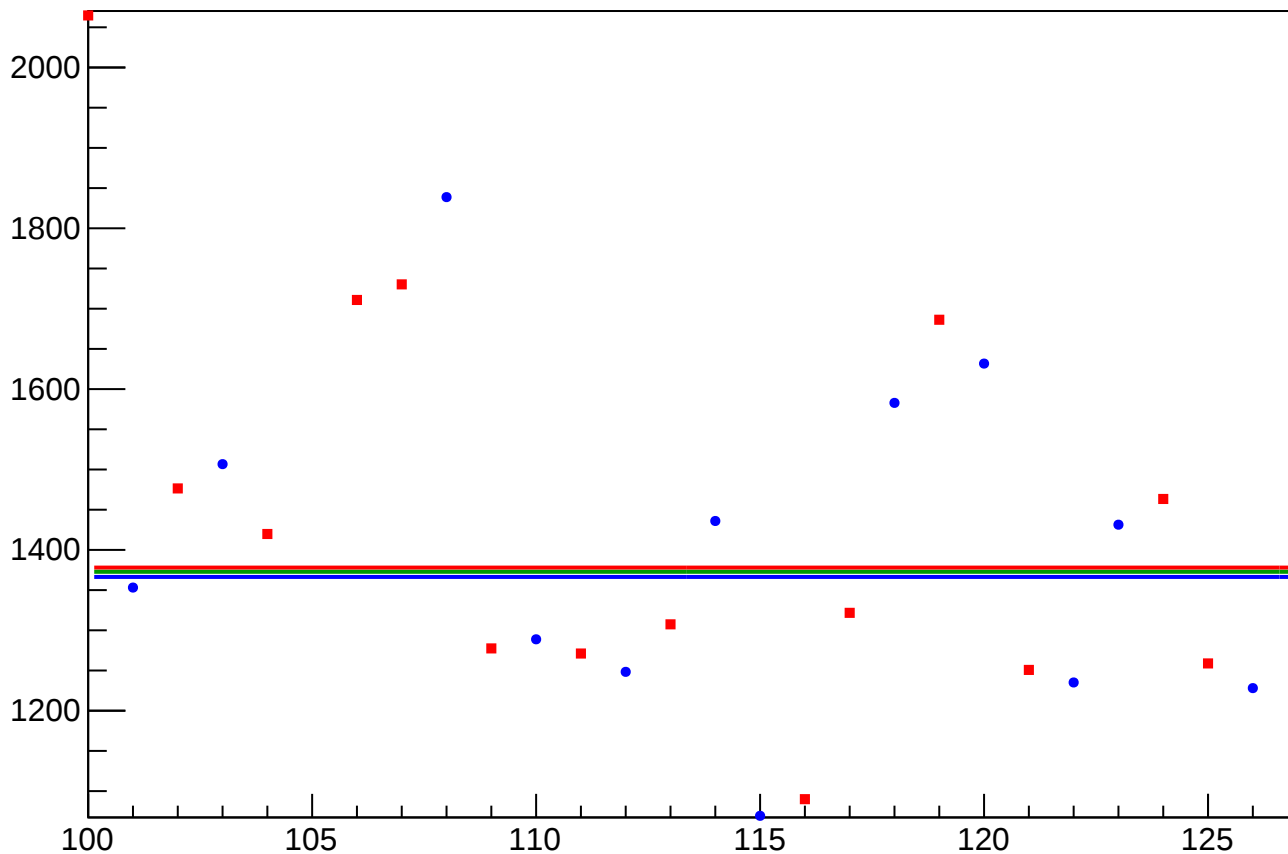
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-101.223+/-672.171 χ^2 /NDF: 10.4/11

740.163+/-451.148 χ^2 /NDF: 25.1/26

1429.918+/-608.596 χ^2 /NDF: 11.8/14

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1366.378 $\pm$ 0.475 χ^2 /NDF: 144415.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1378.006 $\pm$ 0.430 χ^2 /NDF: 174205.6/14

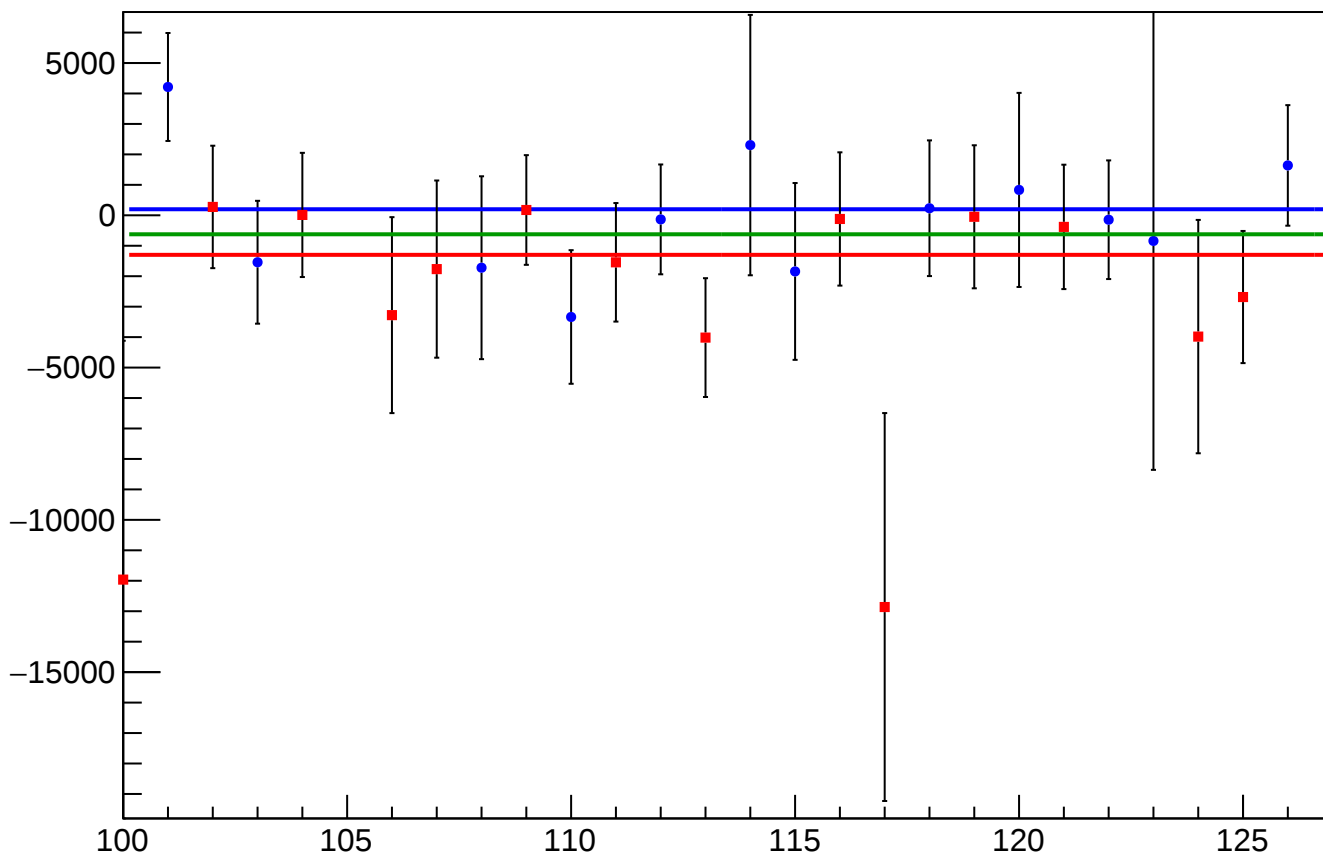
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1366.378 $\pm$ 0.475 χ^2 /NDF: 144415.6/11

1372.768 $\pm$ 0.319 χ^2 /NDF: 318950.2/26

1378.006 $\pm$ 0.430 χ^2 /NDF: 174205.6/14

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 198.535+/-674.137 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1298.340+/-610.845 χ^2/NDF : 10.9/14

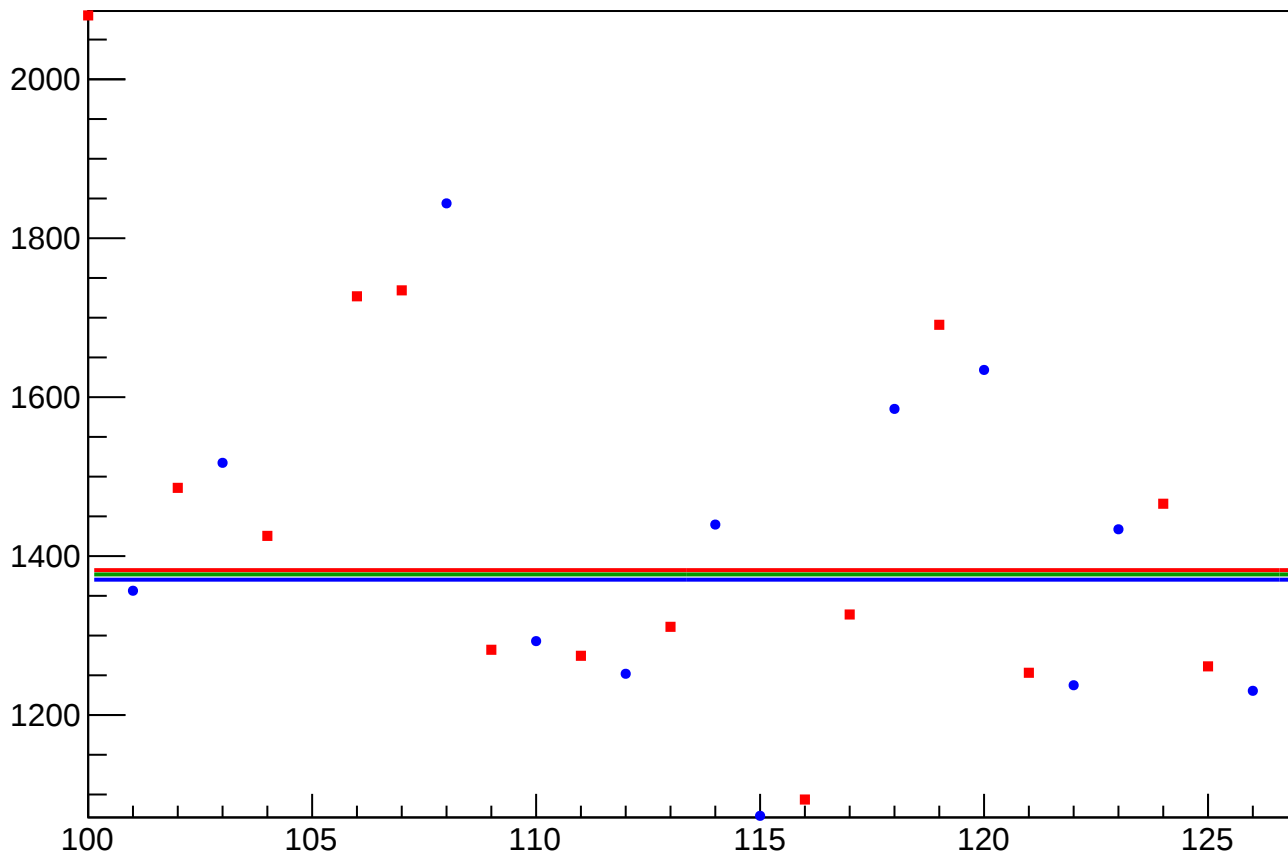
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.535+/-674.137 χ^2/NDF : 10.3/11

-623.453+/-452.659 χ^2/NDF : 23.9/26

-1298.340+/-610.845 χ^2/NDF : 10.9/14

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1370.336+/-0.477 χ^2/NDF : 144872.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.338+/-0.432 χ^2/NDF : 175652.8/14

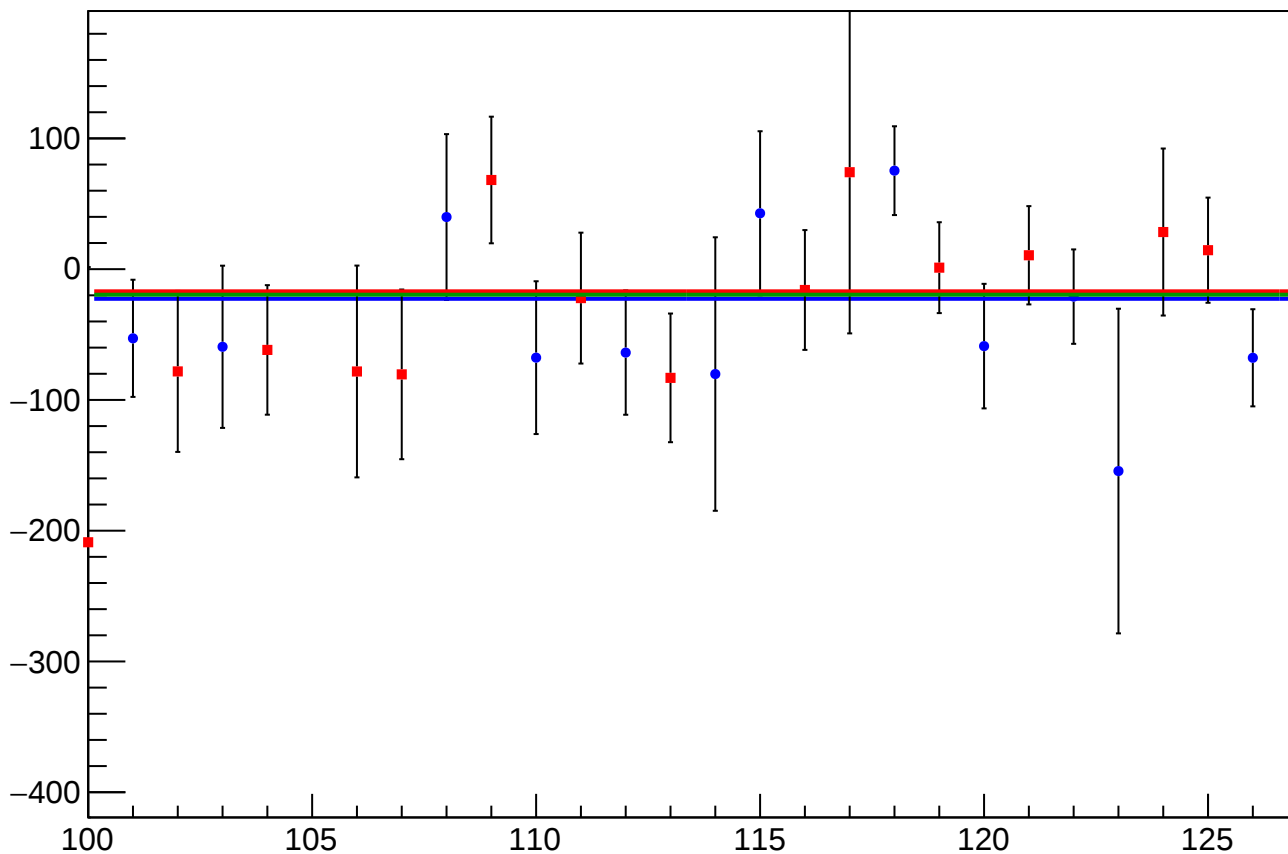
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1370.336+/-0.477 χ^2/NDF : 144872.5/11

1376.927+/-0.320 χ^2/NDF : 320873.5/26

1382.338+/-0.432 χ^2/NDF : 175652.8/14

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -22.665 ± 14.209 $\chi^2/\text{NDF}: 16.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.953 ± 12.925 $\chi^2/\text{NDF}: 11.9/14$

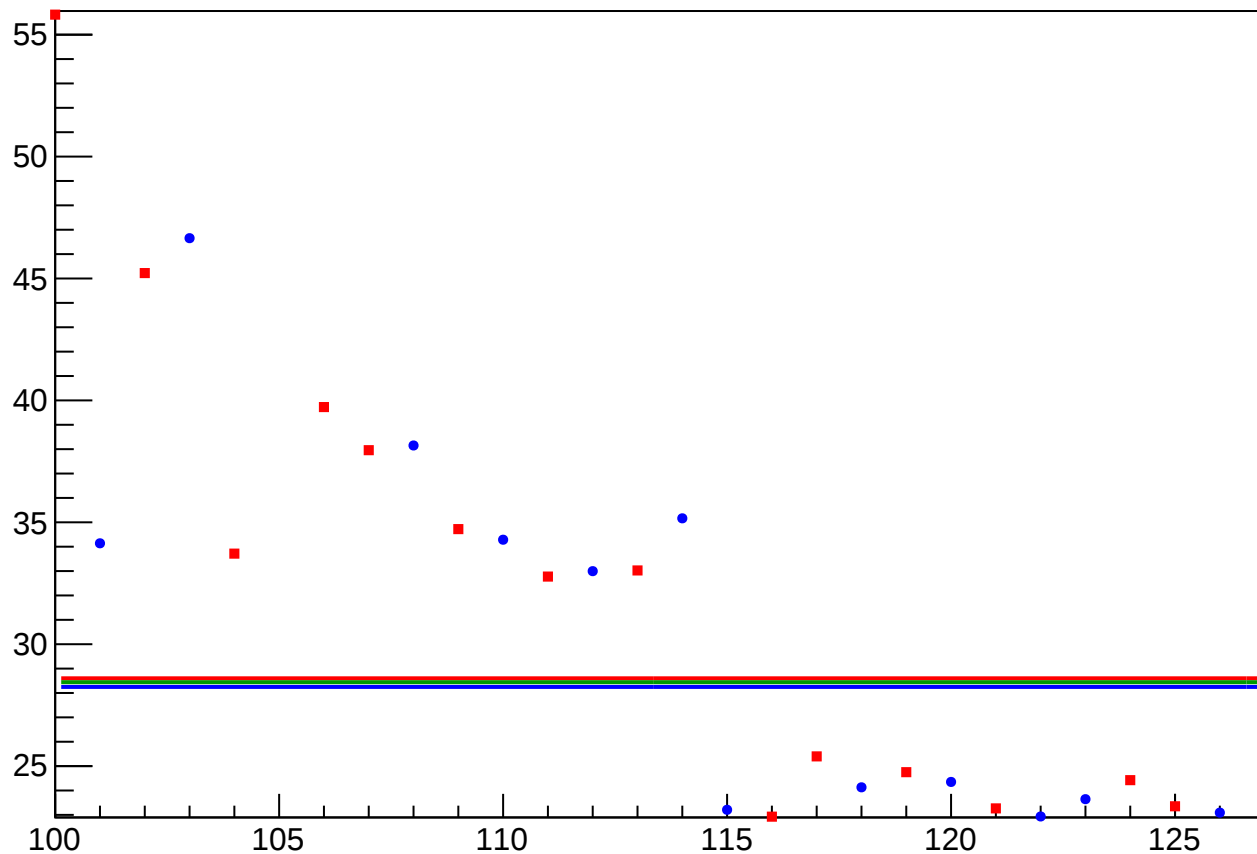
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-22.665 ± 14.209 $\chi^2/\text{NDF}: 16.0/11$

-19.539 ± 9.561 $\chi^2/\text{NDF}: 28.0/26$

-16.953 ± 12.925 $\chi^2/\text{NDF}: 11.9/14$

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.248+/-0.010 χ^2/NDF : 449825.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.602+/-0.009 χ^2/NDF : 505674.7/14

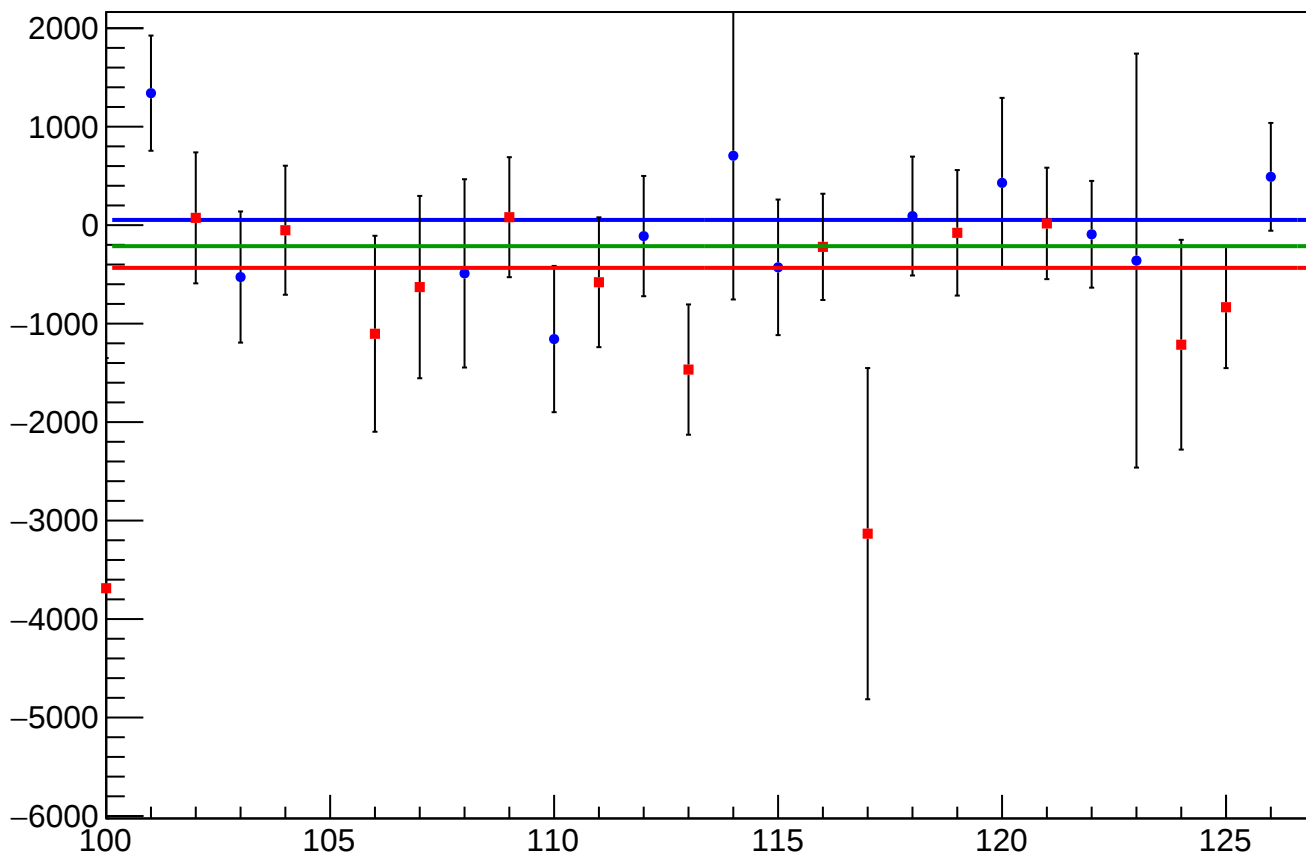
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.248+/-0.010 χ^2/NDF : 449825.5/11

28.442+/-0.007 χ^2/NDF : 956176.2/26

28.602+/-0.009 χ^2/NDF : 505674.7/14

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 53.085+/-202.445 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -433.785+/-184.110 χ^2/NDF : 11.3/14

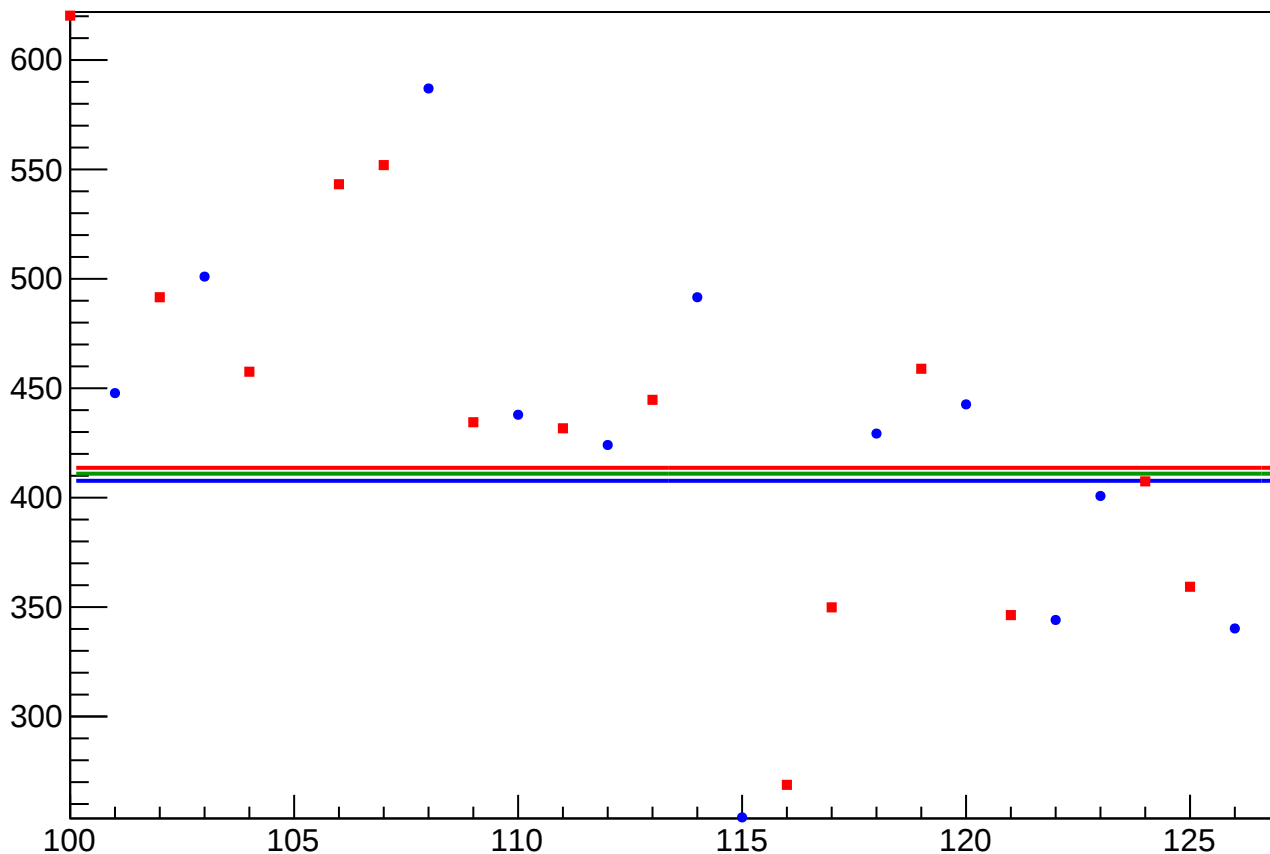
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.085+/-202.445 χ^2/NDF : 10.3/11

-213.392+/-136.207 χ^2/NDF : 24.7/26

-433.785+/-184.110 χ^2/NDF : 11.3/14

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 407.710+/-0.143 χ^2/NDF : 293976.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.645+/-0.130 χ^2/NDF : 340005.5/14

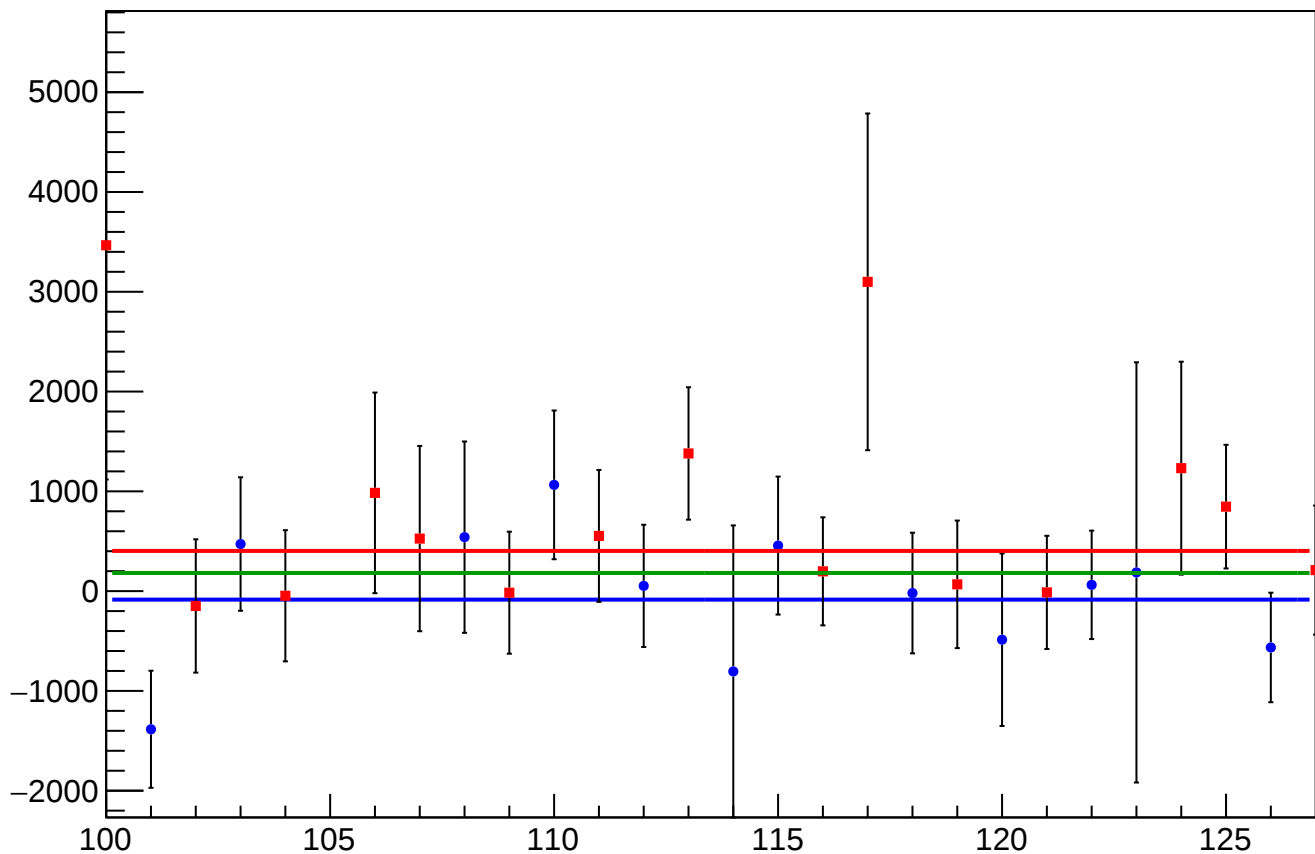
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

407.710+/-0.143 χ^2/NDF : 293976.9/11

410.959+/-0.096 χ^2/NDF : 634923.2/26

413.645+/-0.130 χ^2/NDF : 340005.5/14

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -85.072 ± 203.014 χ^2/NDF : 10.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 403.064 ± 184.698 χ^2/NDF : 10.6/14

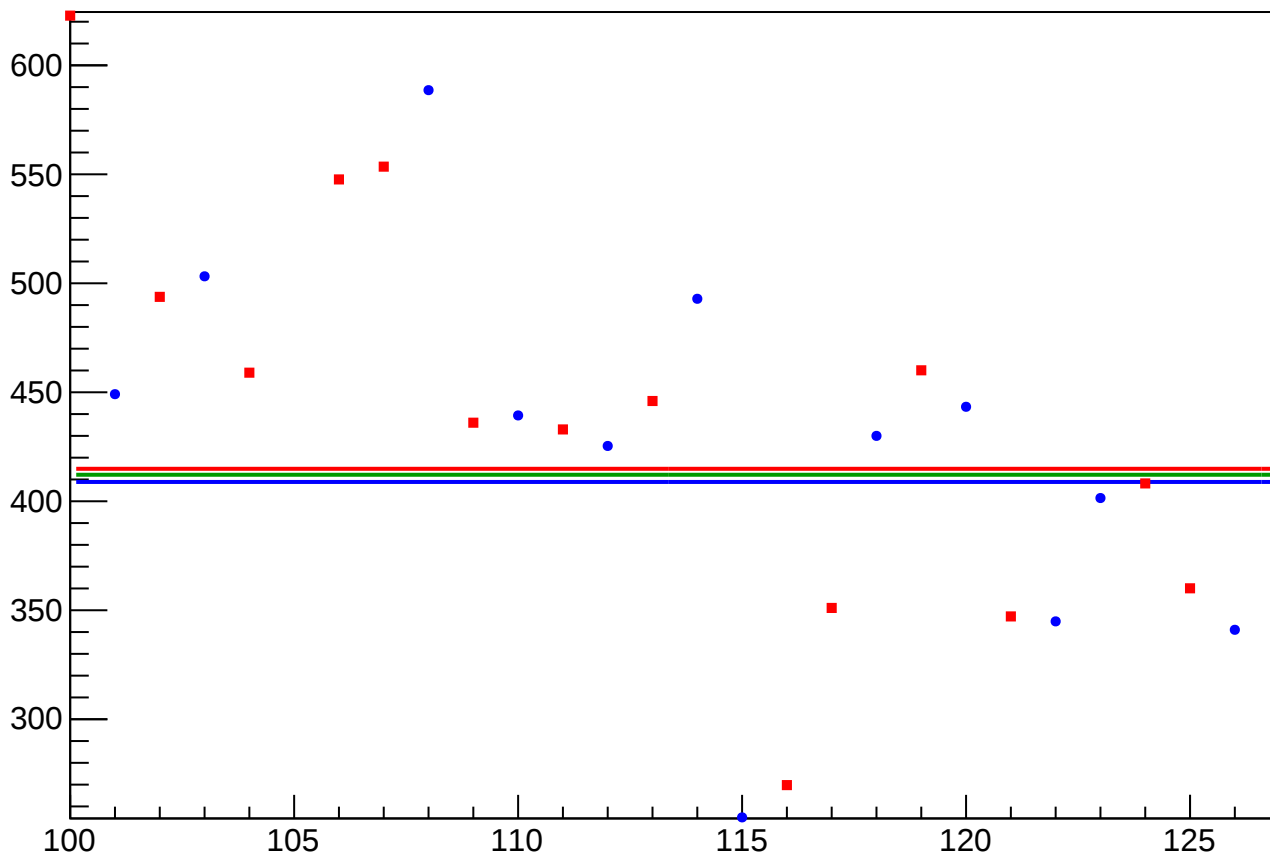
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-85.072 ± 203.014 χ^2/NDF : 10.4/11

182.005 ± 136.619 χ^2/NDF : 24.2/26

403.064 ± 184.698 χ^2/NDF : 10.6/14

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 408.860 $\pm$ 0.144 χ^2 /NDF: 293980.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.899 $\pm$ 0.131 χ^2 /NDF: 341173.2/14

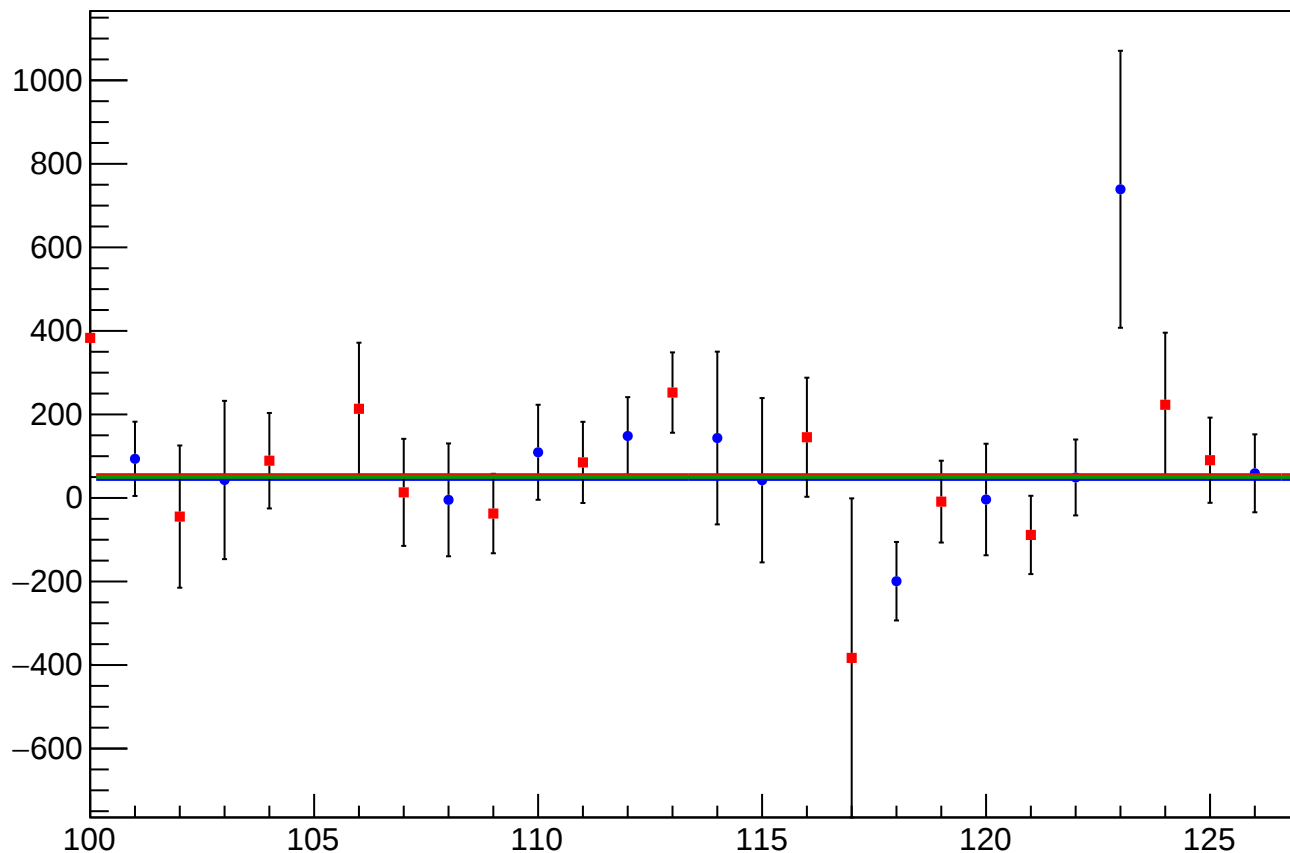
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

408.860 $\pm$ 0.144 χ^2 /NDF: 293980.7/11

412.164 $\pm$ 0.097 χ^2 /NDF: 636122.1/26

414.899 $\pm$ 0.131 χ^2 /NDF: 341173.2/14

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 45.674+/-33.991 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.528+/-30.849 χ^2/NDF : 12.8/14

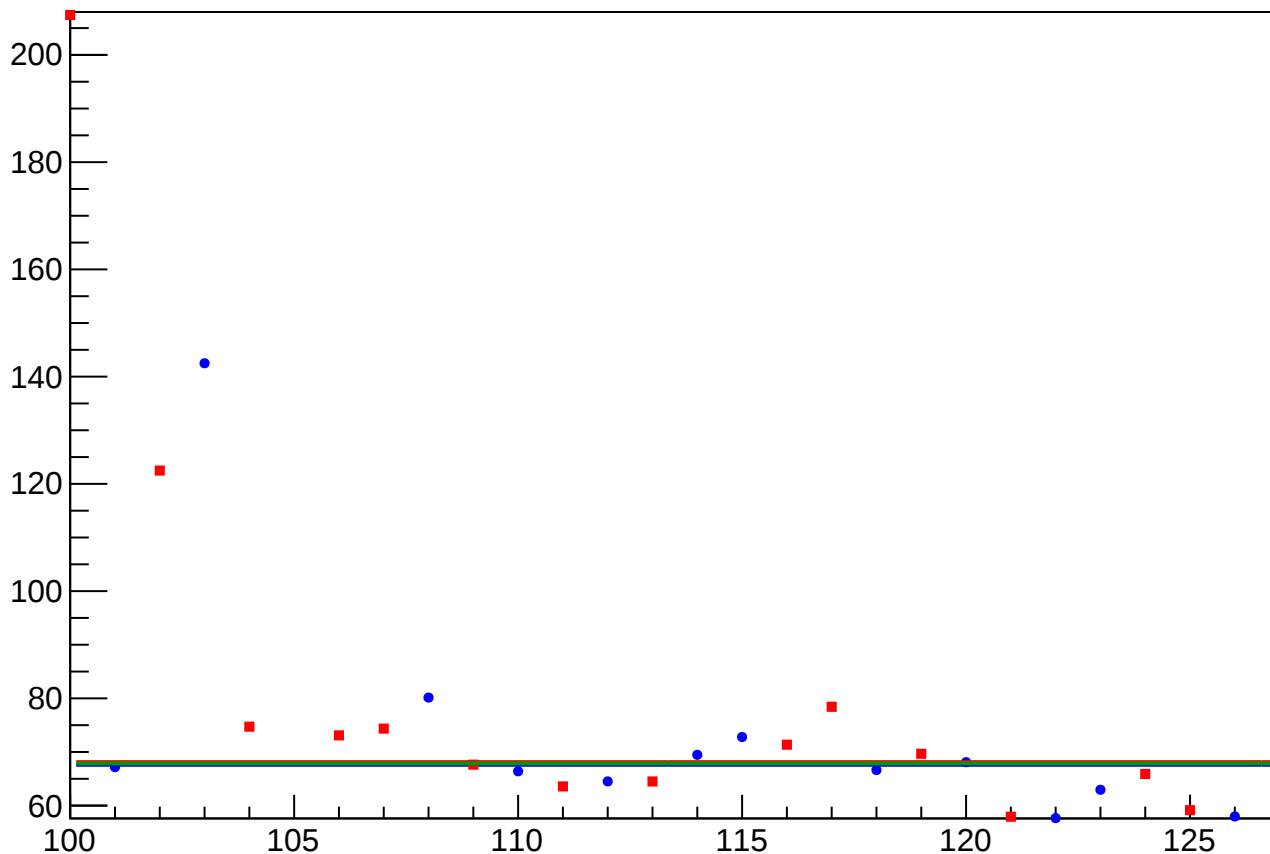
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.674+/-33.991 χ^2/NDF : 13.5/11

50.529+/-22.844 χ^2/NDF : 26.4/26

54.528+/-30.849 χ^2/NDF : 12.8/14

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 67.618+/-0.024 χ^2/NDF : 379477.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.107+/-0.022 χ^2/NDF : 336222.9/14

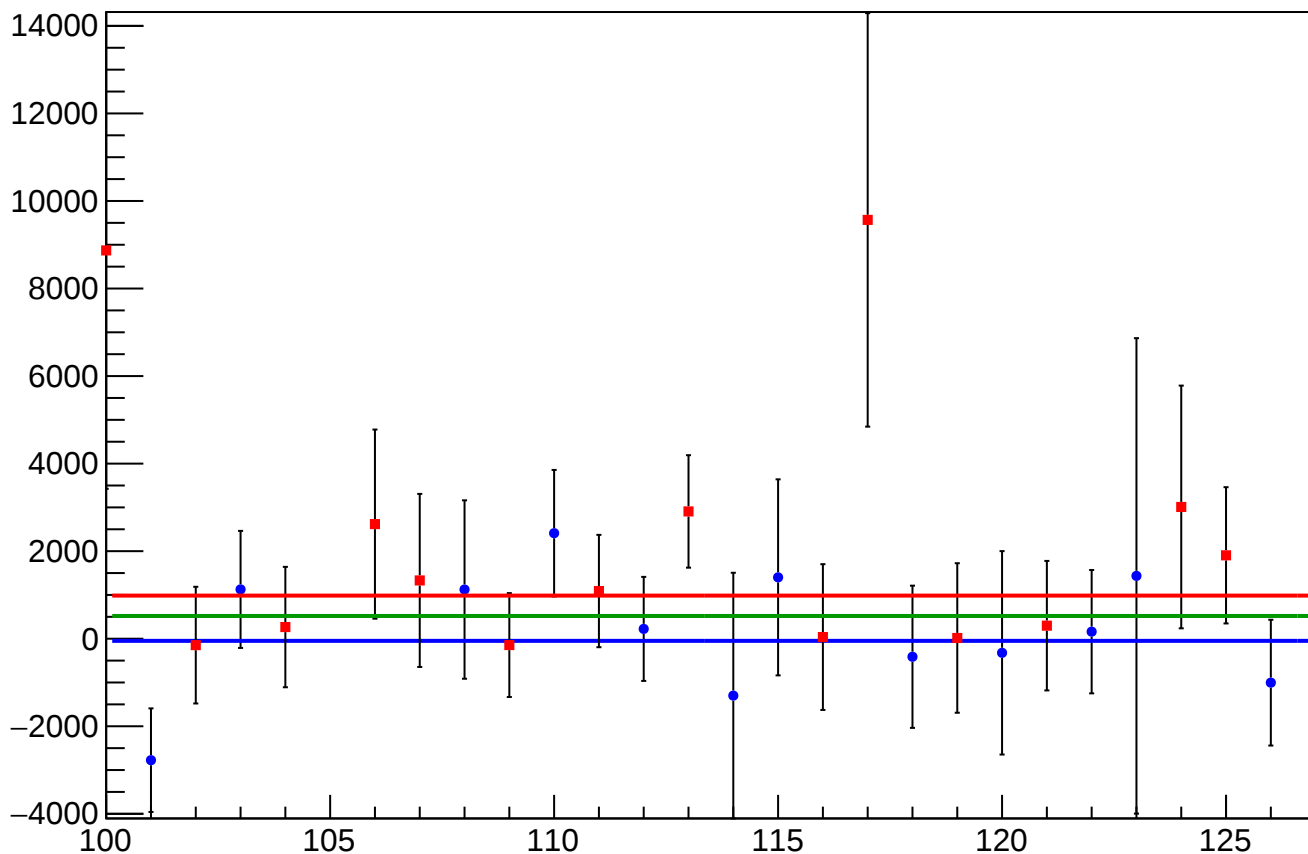
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.618+/-0.024 χ^2/NDF : 379477.8/11

67.886+/-0.016 χ^2/NDF : 715927.8/26

68.107+/-0.022 χ^2/NDF : 336222.9/14

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -48.978+/-465.538 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.071+/-421.244 χ^2/NDF : 12.0/14

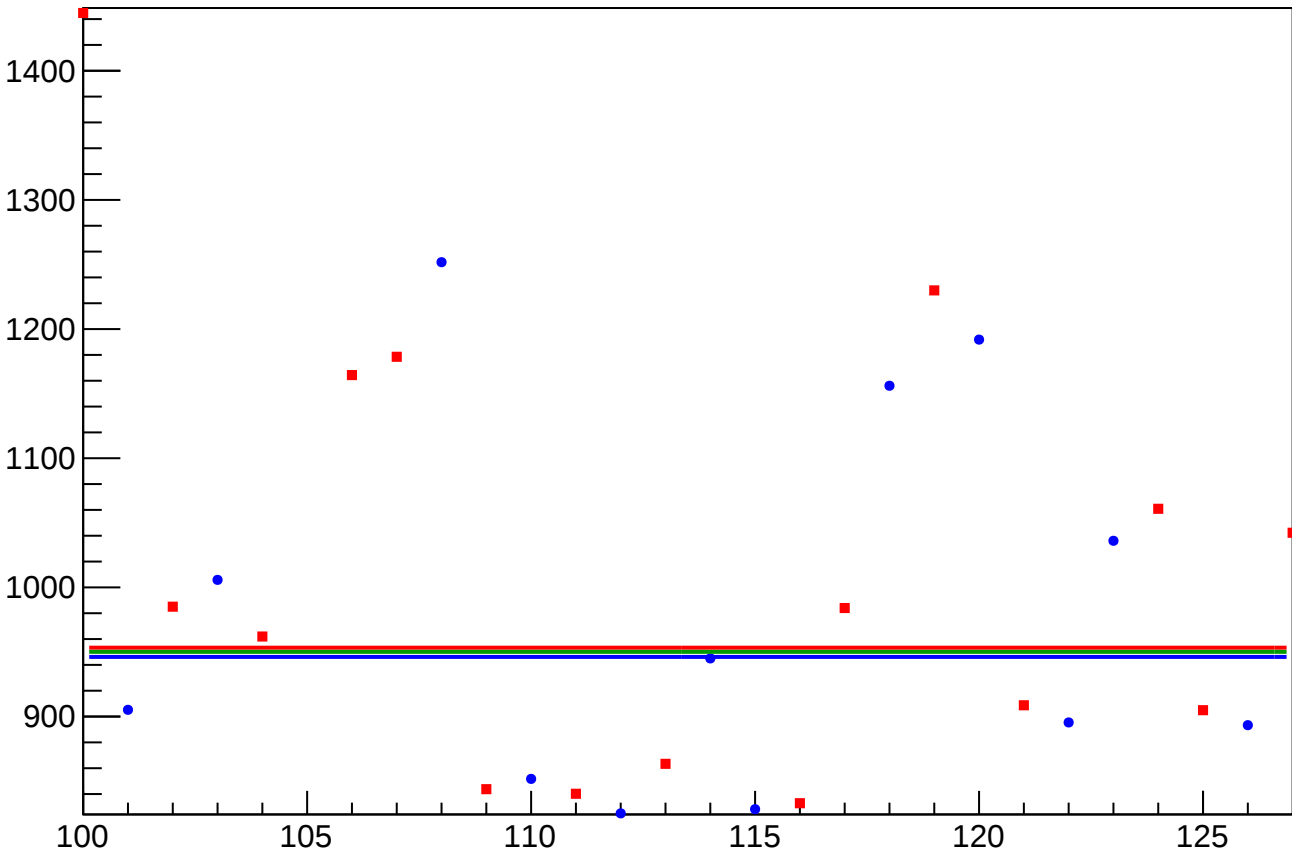
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-48.978+/-465.538 χ^2/NDF : 10.6/11

519.568+/-312.353 χ^2/NDF : 25.3/26

985.071+/-421.244 χ^2/NDF : 12.0/14

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 946.170+/-0.329 χ^2/NDF : 147836.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.316+/-0.298 χ^2/NDF : 180550.5/14

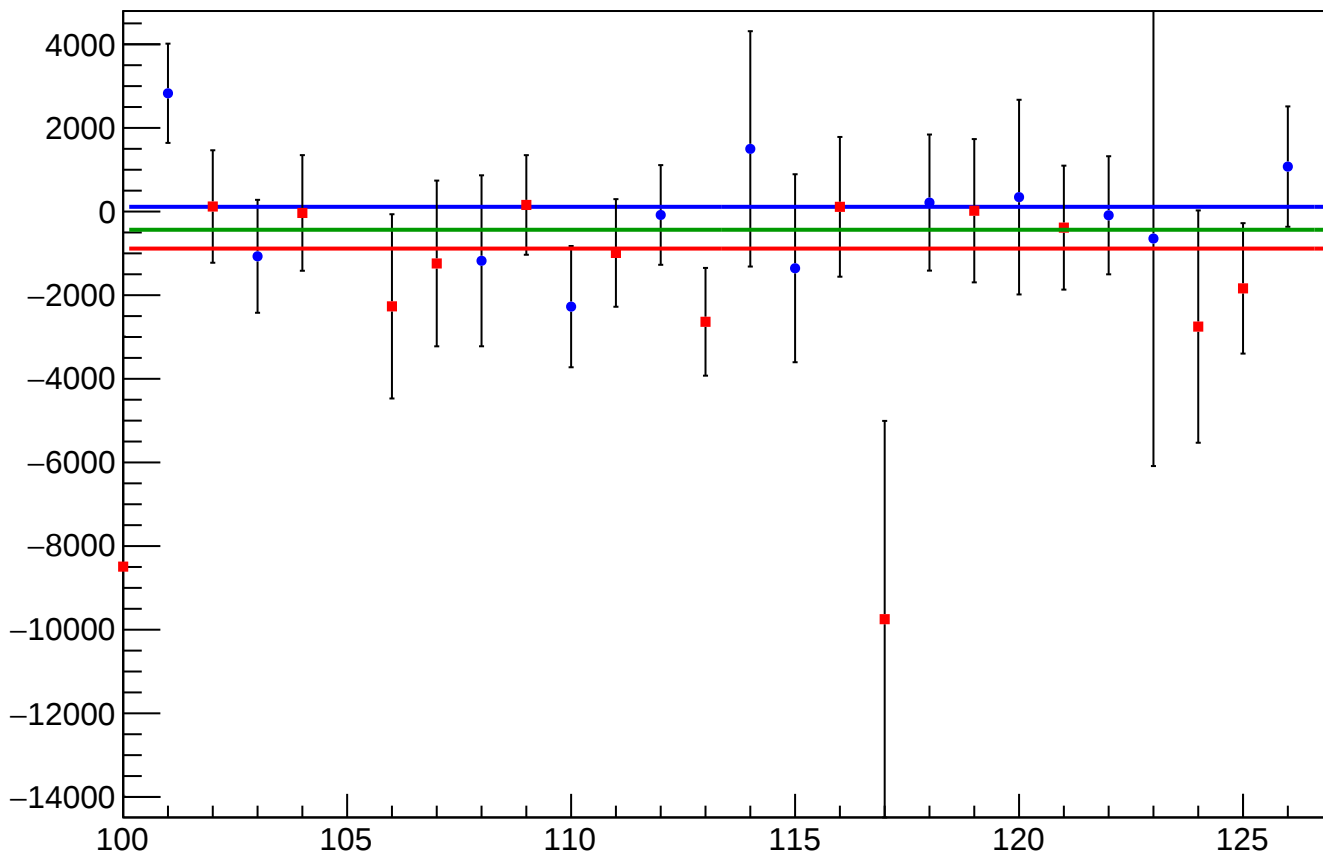
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

946.170+/-0.329 χ^2/NDF : 147836.2/11

950.099+/-0.221 χ^2/NDF : 328645.8/26

953.316+/-0.298 χ^2/NDF : 180550.5/14

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 113.233+/-467.230 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -885.518+/-423.120 χ^2/NDF : 11.0/14

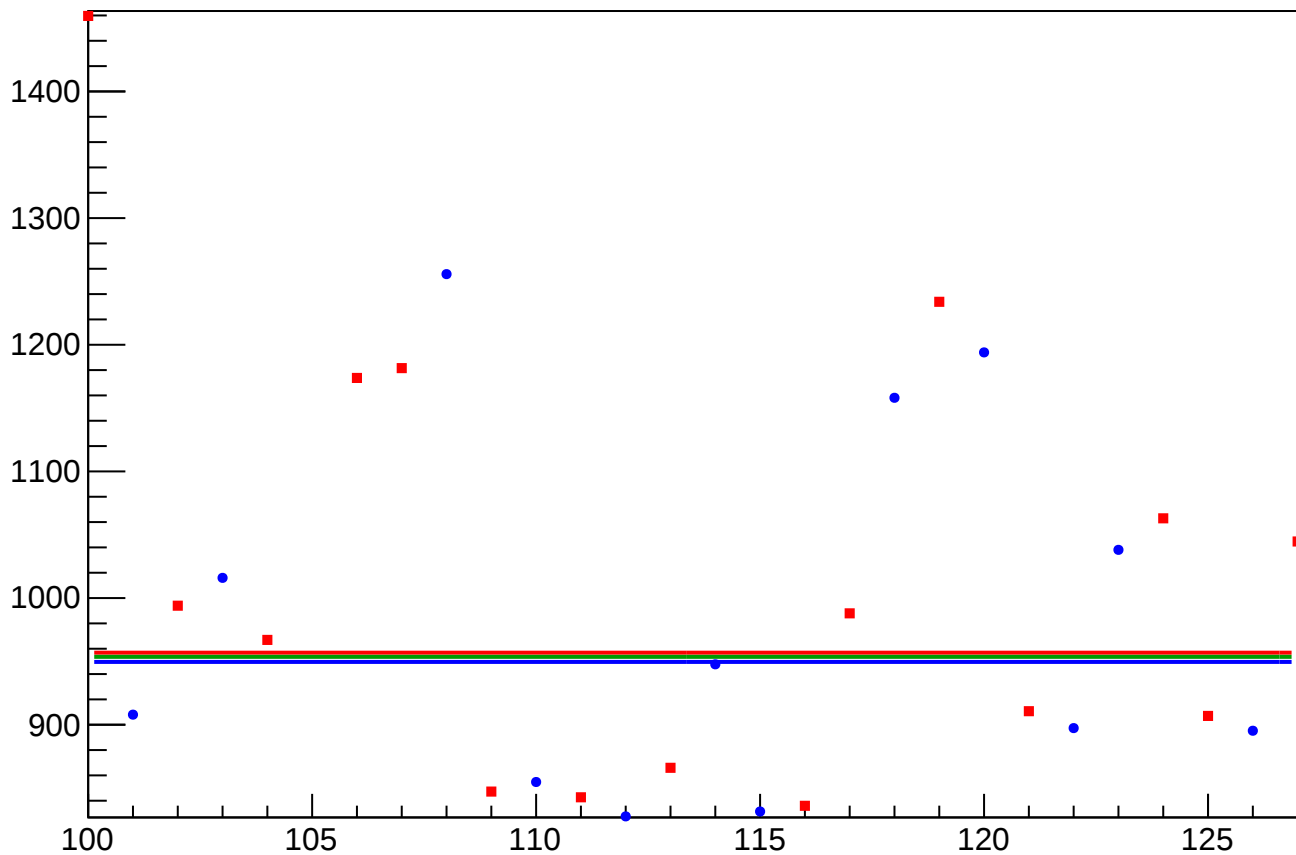
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.233+/-467.230 χ^2/NDF : 10.3/11

-435.501+/-313.629 χ^2/NDF : 23.8/26

-885.518+/-423.120 χ^2/NDF : 11.0/14

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 949.588+/-0.330 χ^2/NDF : 148160.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.890+/-0.299 χ^2/NDF : 181454.1/14

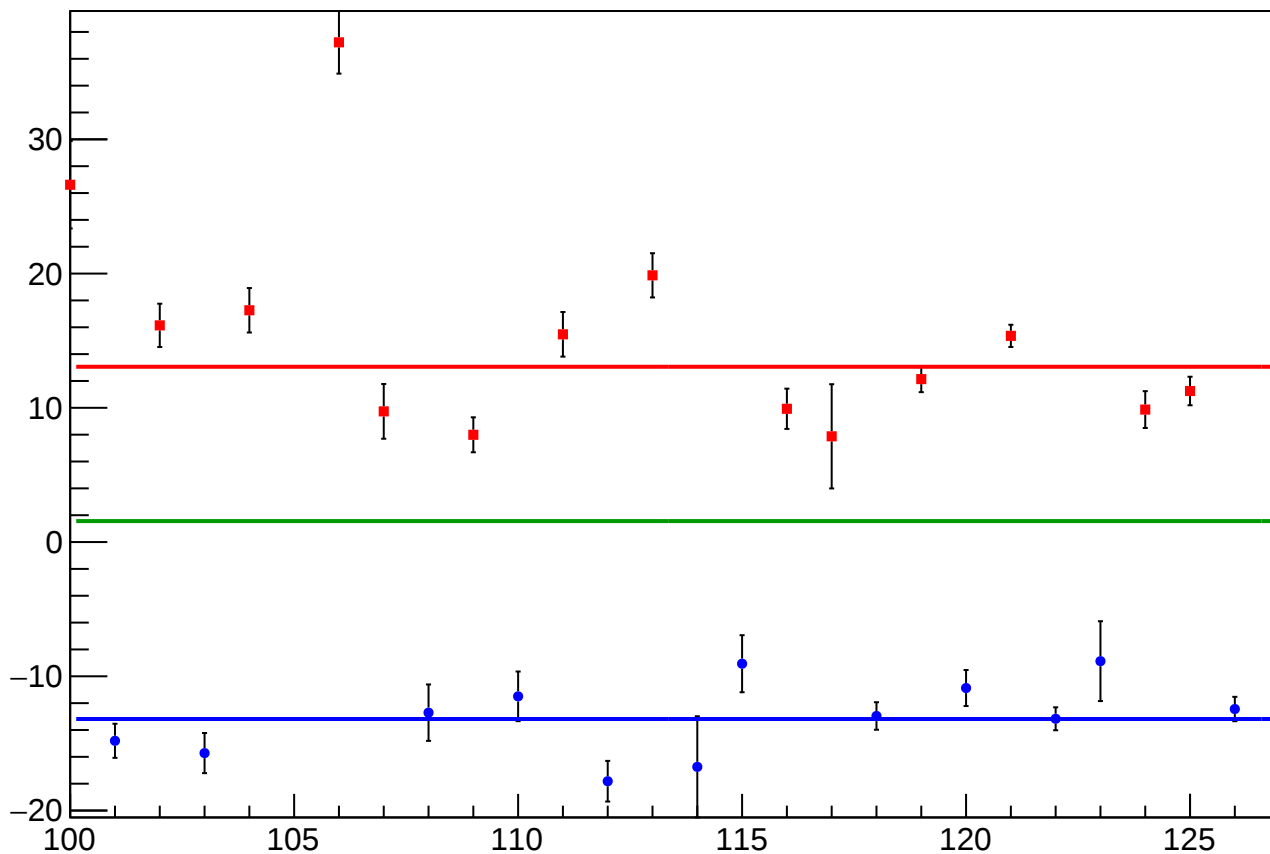
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

949.588+/-0.330 χ^2/NDF : 148160.4/11

953.600+/-0.222 χ^2/NDF : 329882.9/26

956.890+/-0.299 χ^2/NDF : 181454.1/14

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.181 $\pm$ 0.392 χ^2 /NDF: 25.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.059 $\pm$ 0.346 χ^2 /NDF: 217.0/14

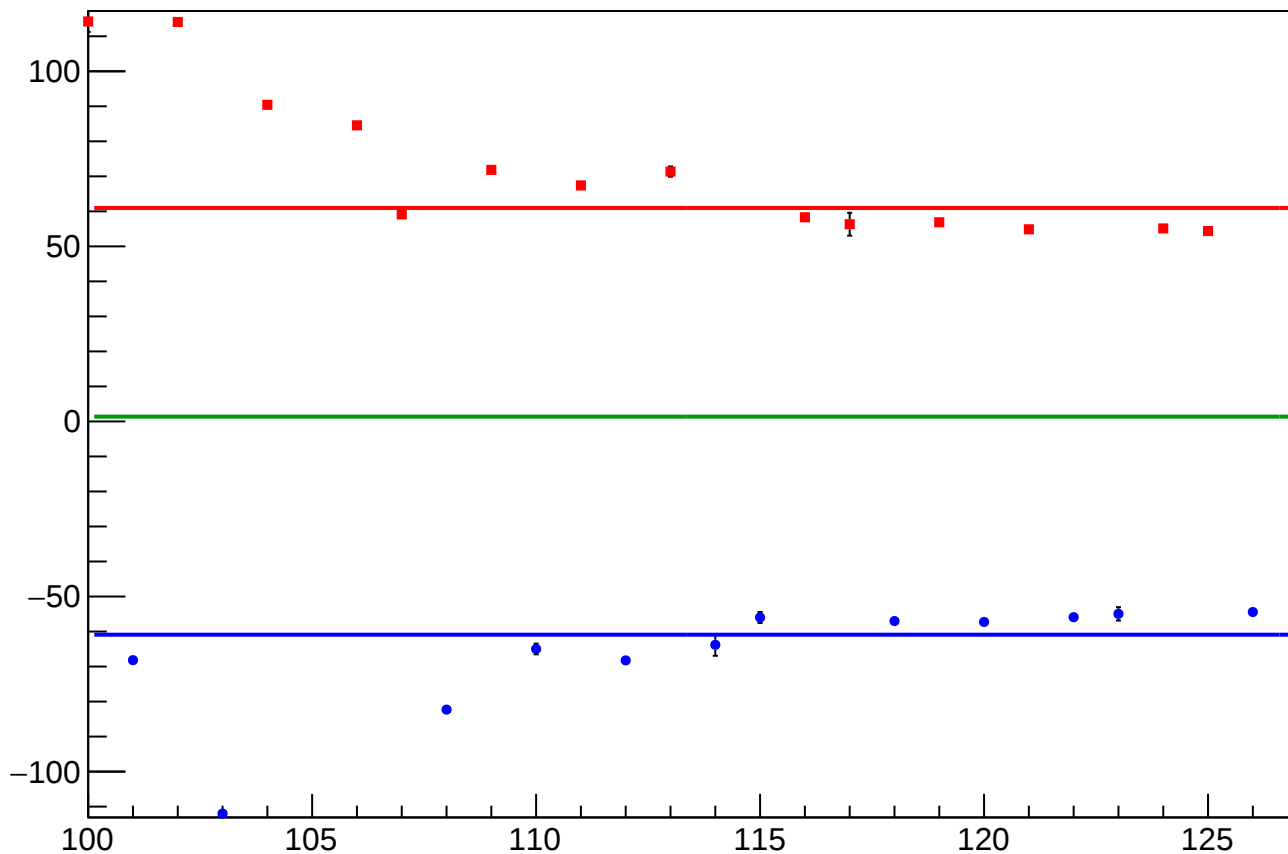
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-13.181 $\pm$ 0.392 χ^2 /NDF: 25.2/11

1.562 $\pm$ 0.259 χ^2 /NDF: 2763.5/26

13.059 $\pm$ 0.346 χ^2 /NDF: 217.0/14

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.907 ± 0.211 $\chi^2/\text{NDF}: 2986.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 60.966 ± 0.206 $\chi^2/\text{NDF}: 4220.2/14$

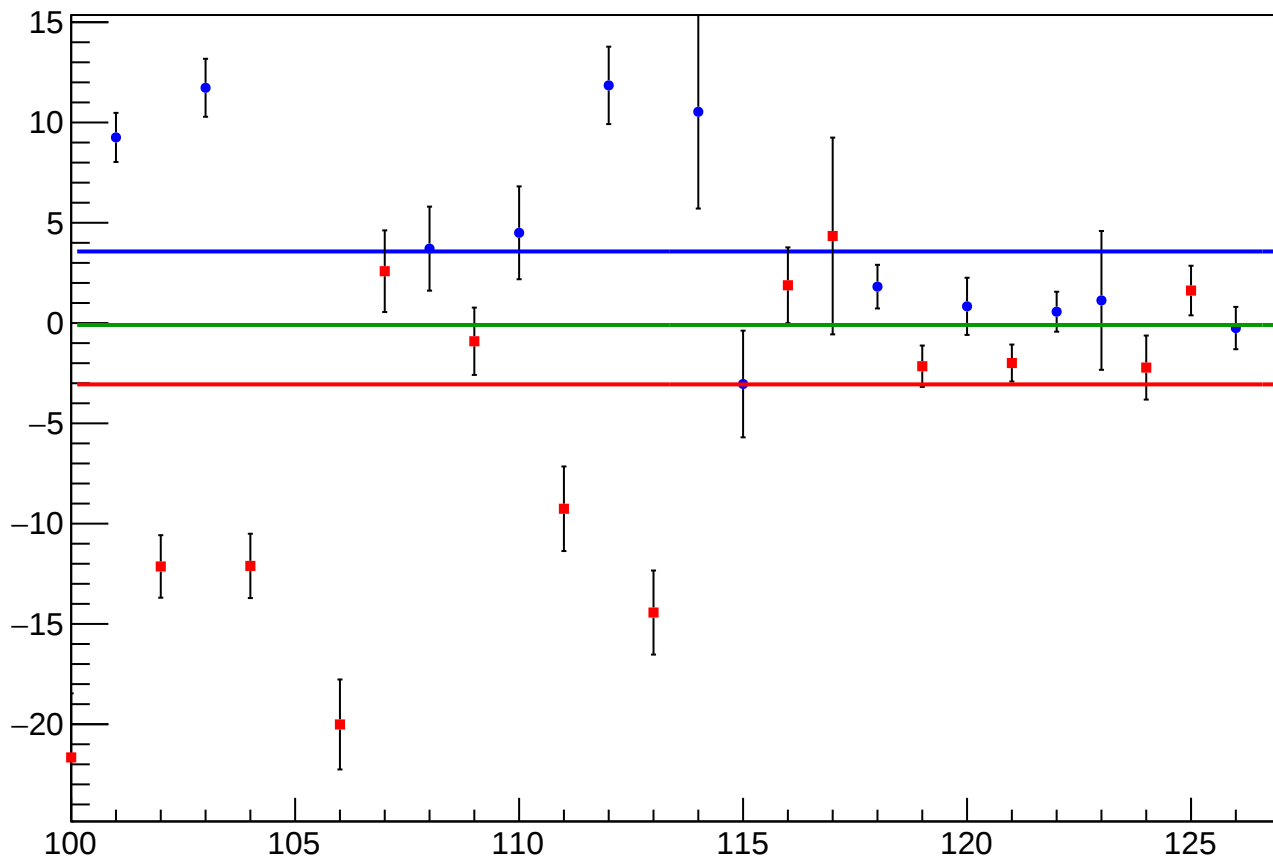
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-60.907 ± 0.211 $\chi^2/\text{NDF}: 2986.3/11$

1.374 ± 0.147 $\chi^2/\text{NDF}: 177809.0/26$

60.966 ± 0.206 $\chi^2/\text{NDF}: 4220.2/14$

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.570+/-0.433 χ^2/NDF : 109.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.057+/-0.389 χ^2/NDF : 282.0/14

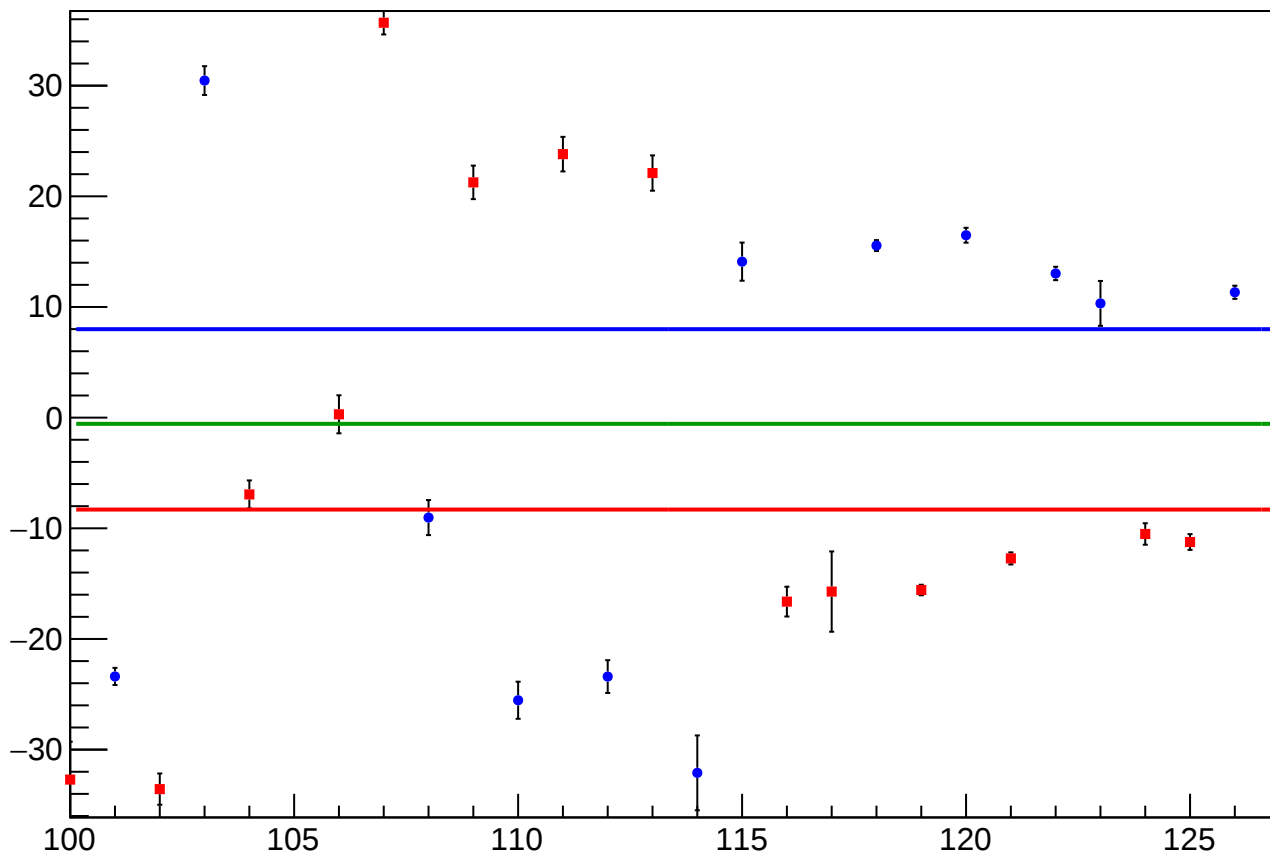
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.570+/-0.433 χ^2/NDF : 109.2/11

-0.096+/-0.289 χ^2/NDF : 521.0/26

-3.057+/-0.389 χ^2/NDF : 282.0/14

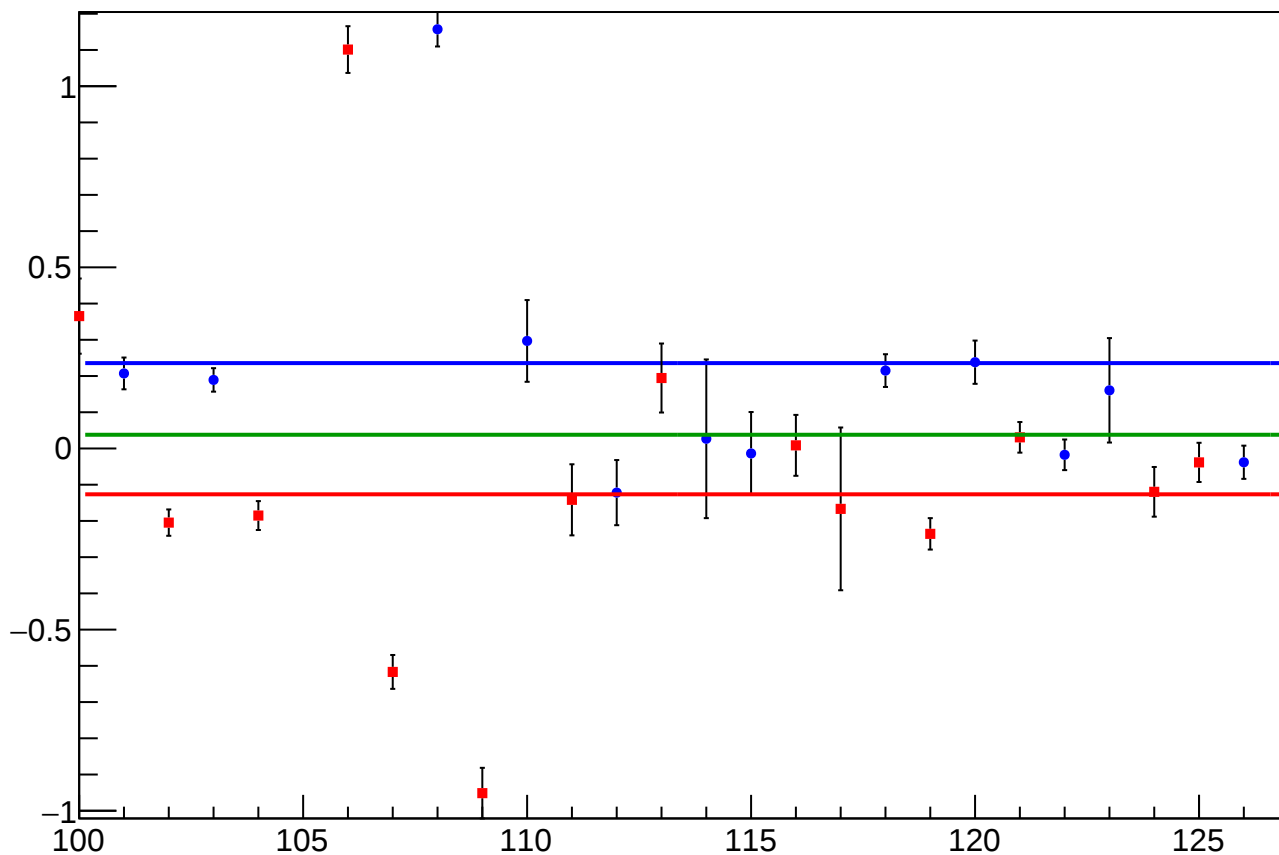
reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.994+/-0.250 χ^2/NDF : 3547.8/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8.306+/-0.238 χ^2/NDF : 3665.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.994+/-0.250 χ^2/NDF : 3547.8/11
 -0.560+/-0.172 χ^2/NDF : 9441.3/26
 -8.306+/-0.238 χ^2/NDF : 3665.4/14

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236 ± 0.016 χ^2/NDF : 471.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.127 ± 0.014 χ^2/NDF : 679.8/14

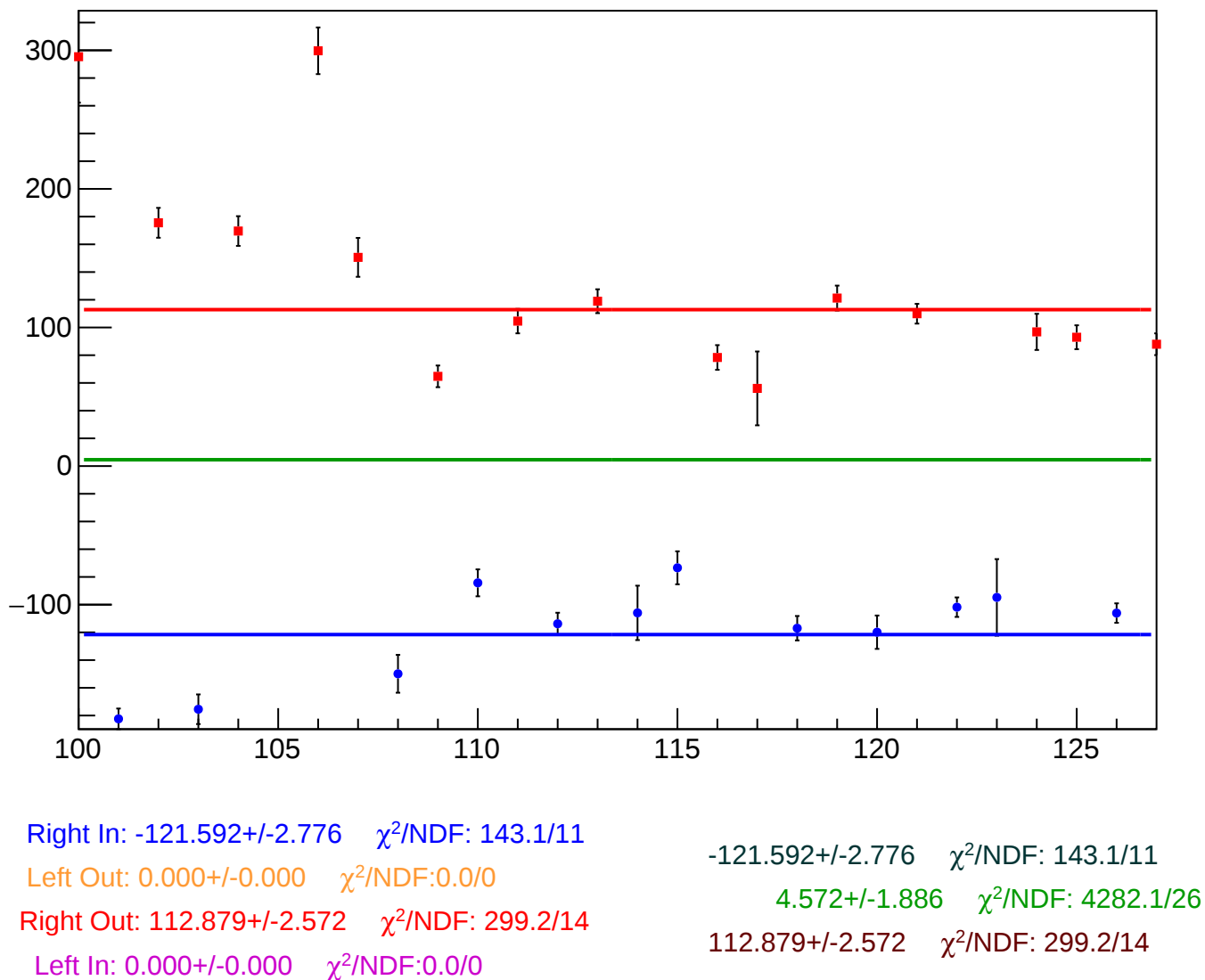
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.236 ± 0.016 χ^2/NDF : 471.5/11

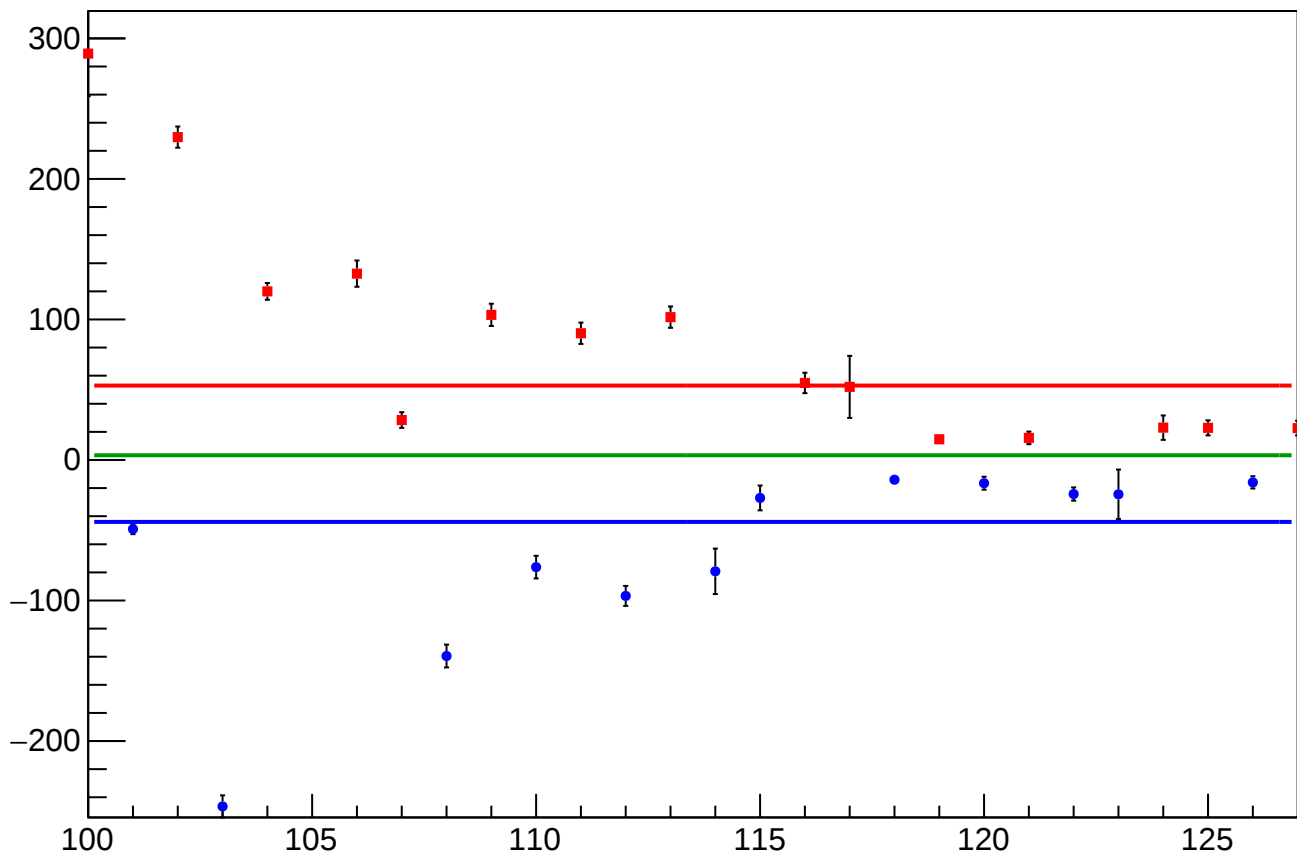
0.038 ± 0.011 χ^2/NDF : 1442.7/26

-0.127 ± 0.014 χ^2/NDF : 679.8/14

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -44.063 ± 1.582 χ^2/NDF : 1063.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.963 ± 1.618 χ^2/NDF : 1205.5/14

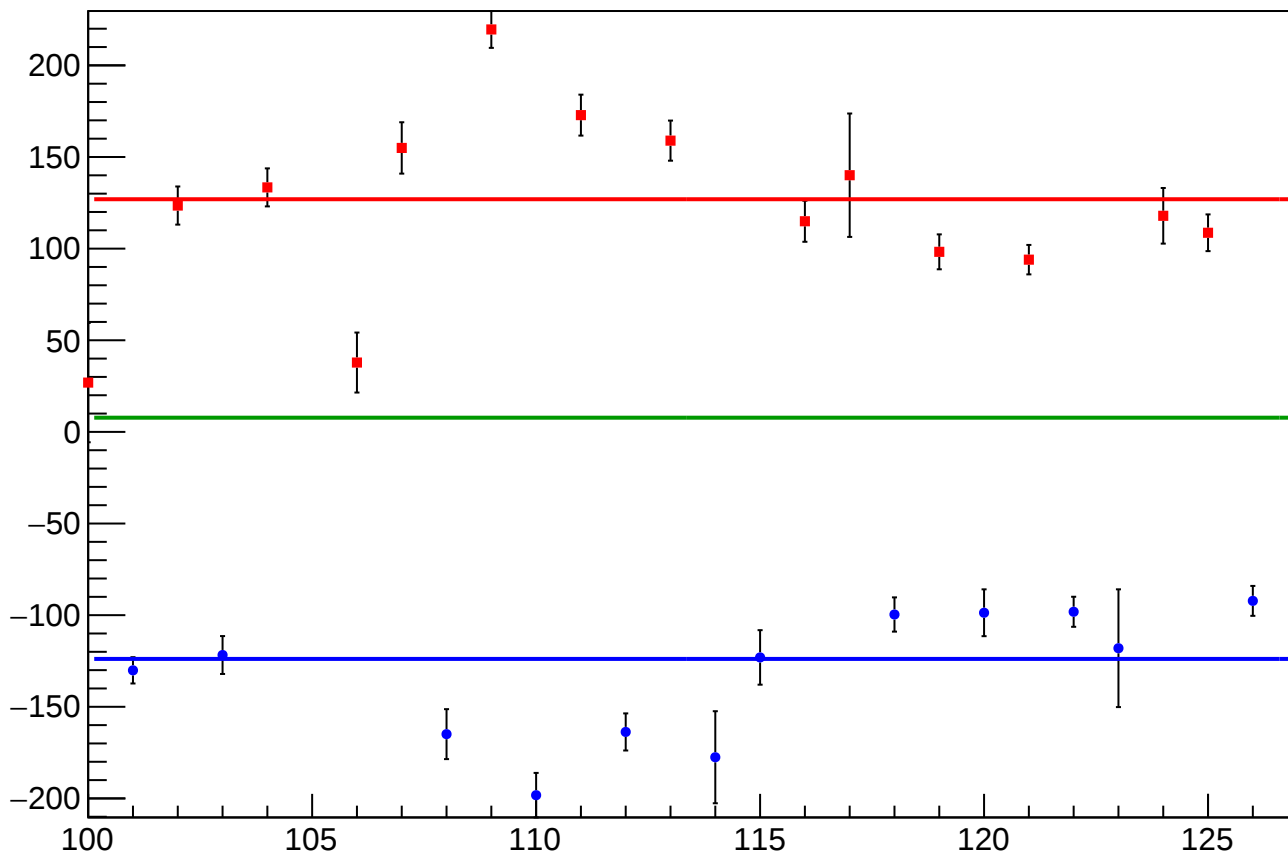
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.063 ± 1.582 χ^2/NDF : 1063.6/11

3.363 ± 1.131 χ^2/NDF : 4108.3/26

52.963 ± 1.618 χ^2/NDF : 1205.5/14

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -123.876±/3.082 χ^2 /NDF: 102.9/11

Left Out: 0.000±/0.000 χ^2 /NDF: 0.0/0

Right Out: 126.955±/2.933 χ^2 /NDF: 186.9/14

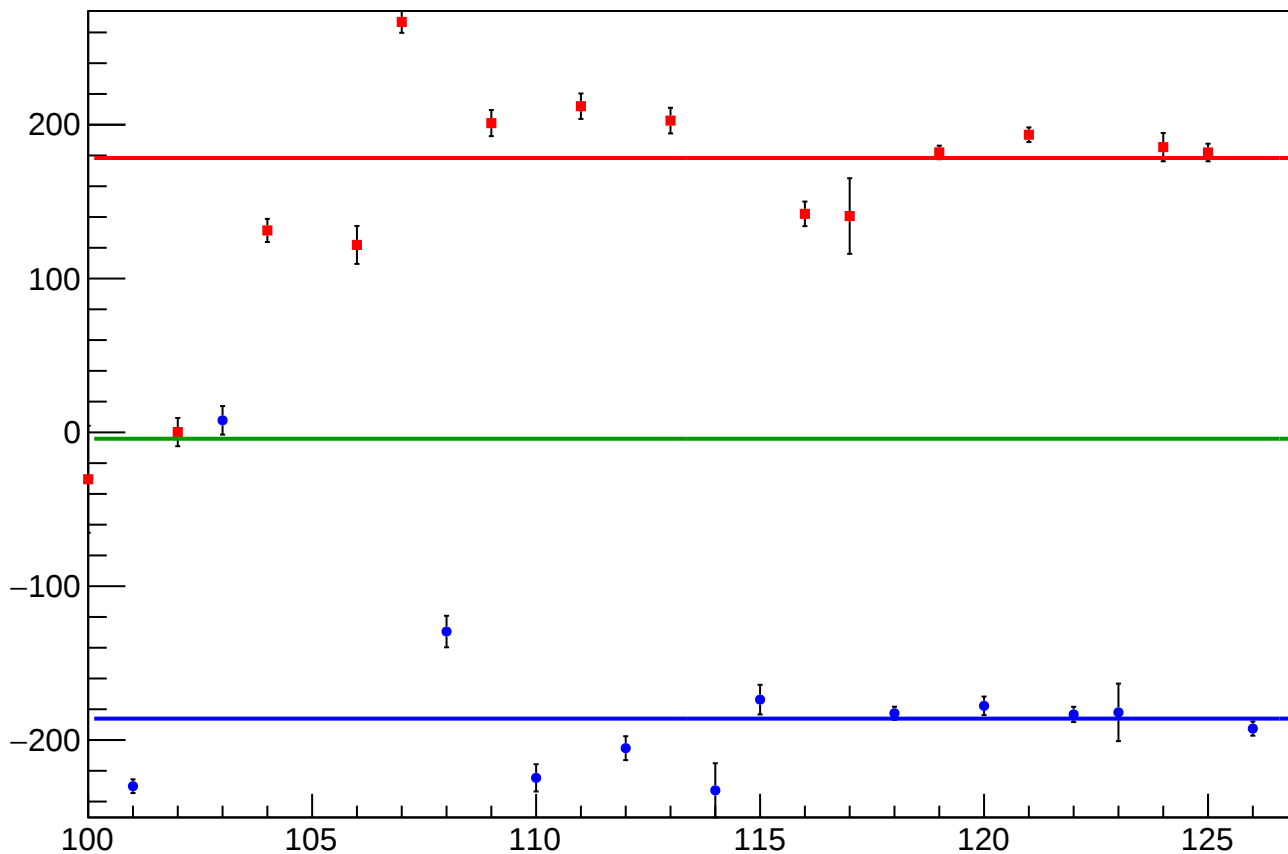
Left In: 0.000±/0.000 χ^2 /NDF: 0.0/0

-123.876±/3.082 χ^2 /NDF: 102.9/11

7.754±/2.125 χ^2 /NDF: 3764.7/26

126.955±/2.933 χ^2 /NDF: 186.9/14

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -186.082 ± 1.863 χ^2/NDF : 602.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 178.377 ± 1.865 χ^2/NDF : 696.9/14

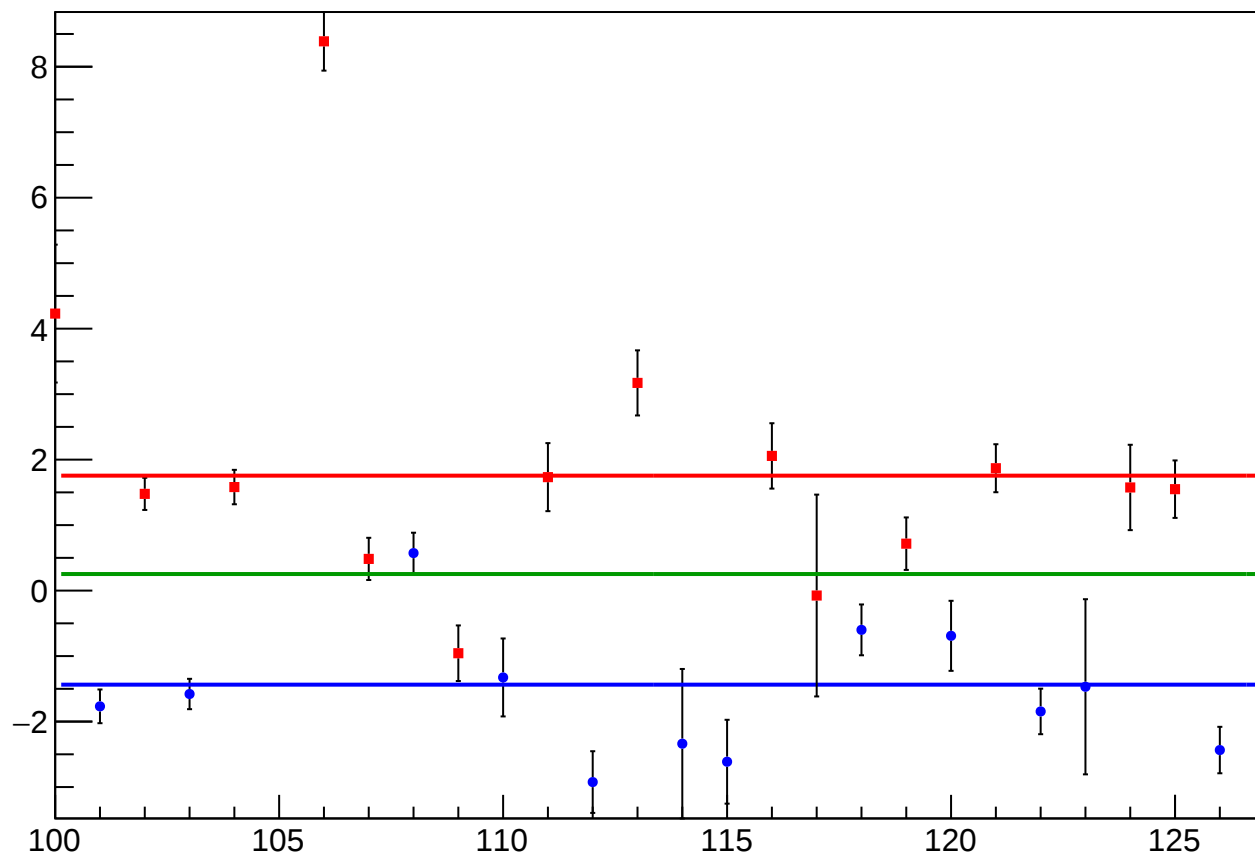
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-186.082 ± 1.863 χ^2/NDF : 602.1/11

-4.133 ± 1.318 χ^2/NDF : 20413.9/26

178.377 ± 1.865 χ^2/NDF : 696.9/14

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.436 $\pm$ 0.111 χ^2/NDF : 73.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1.755 $\pm$ 0.104 χ^2/NDF : 300.2/14

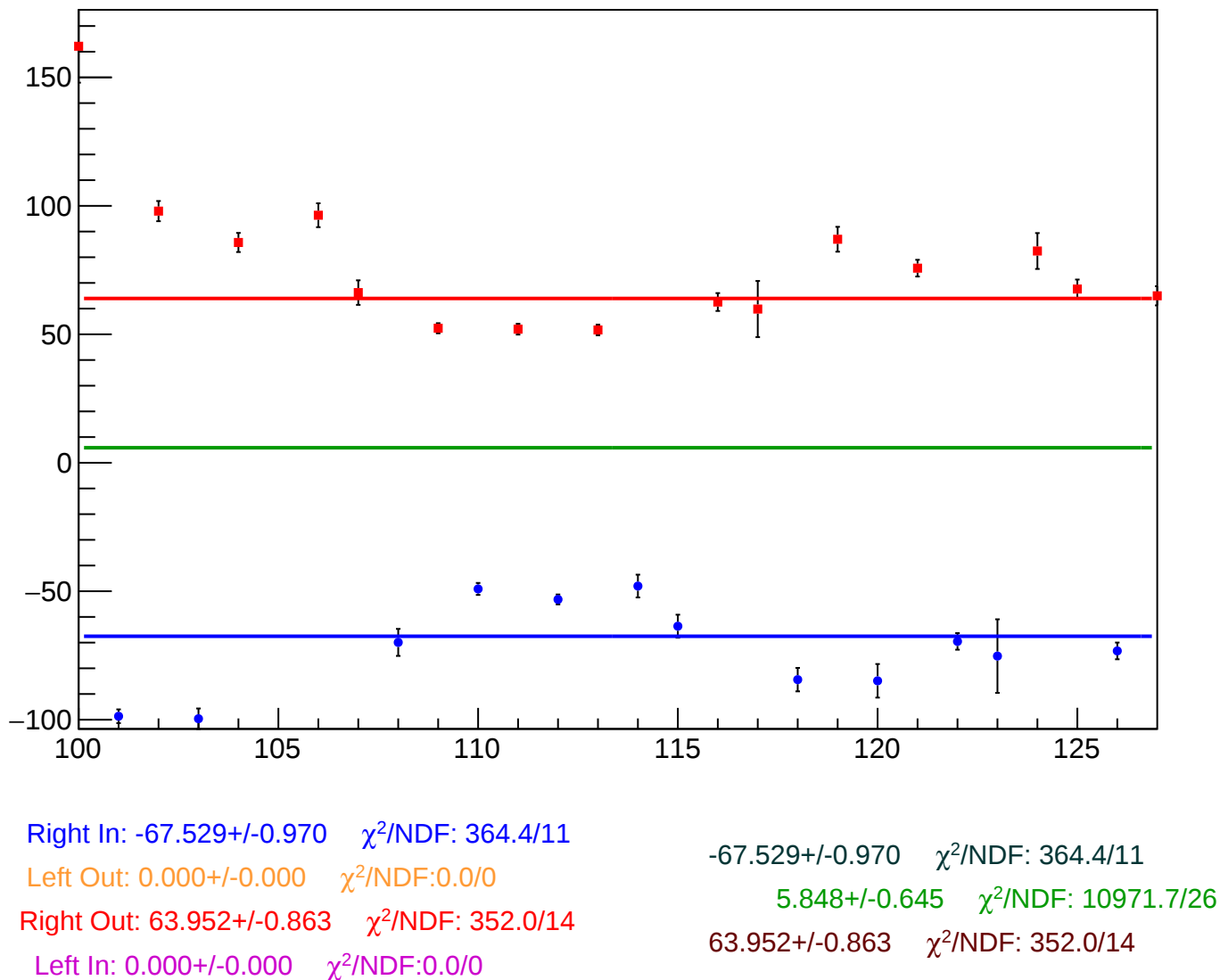
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.436 $\pm$ 0.111 χ^2/NDF : 73.7/11

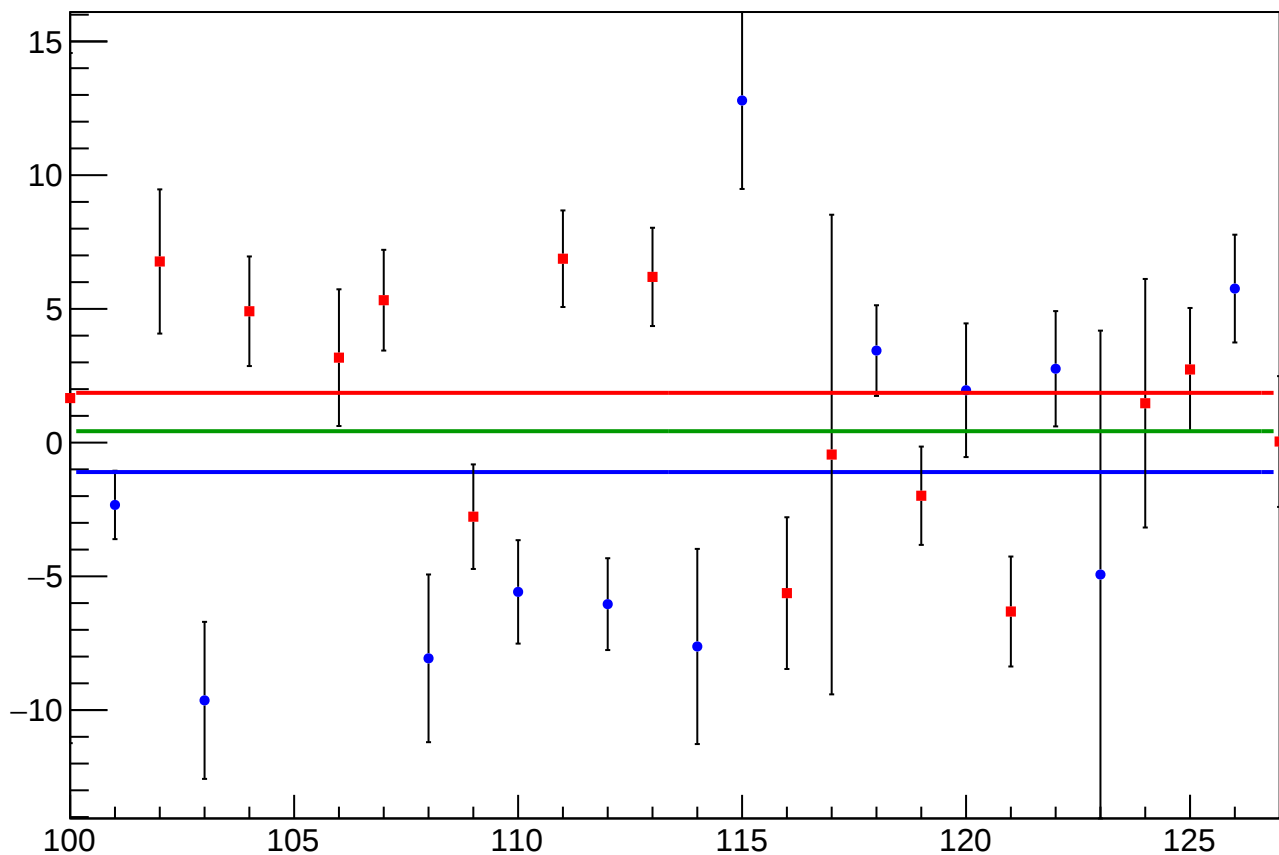
0.253 $\pm$ 0.076 χ^2/NDF : 813.4/26

1.755 $\pm$ 0.104 χ^2/NDF : 300.2/14

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.101+/-0.622 χ^2/NDF : 72.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.861+/-0.603 χ^2/NDF : 56.0/14

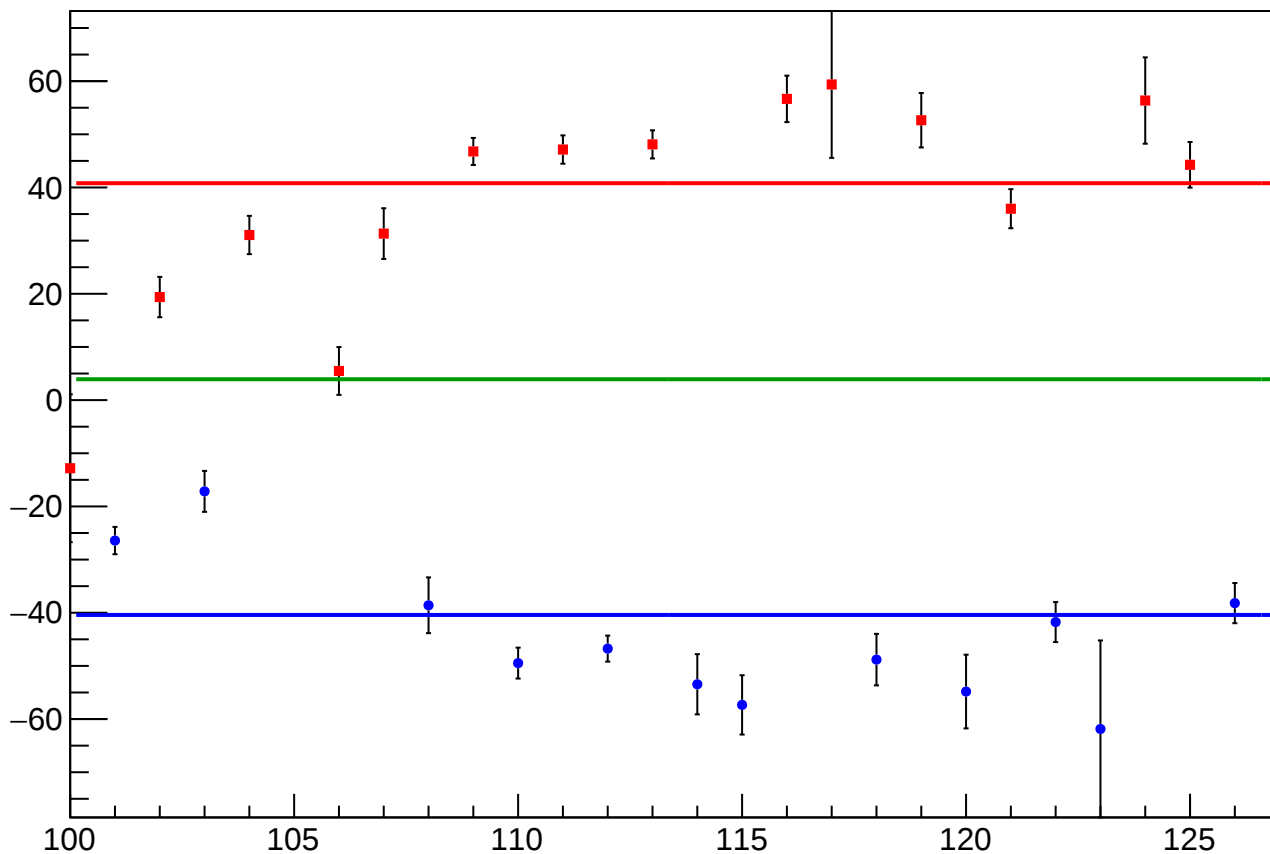
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.101+/-0.622 χ^2/NDF : 72.4/11

0.427+/-0.433 χ^2/NDF : 140.2/26

1.861+/-0.603 χ^2/NDF : 56.0/14

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.412 ± 1.110 χ^2/NDF : 106.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 40.804 ± 1.012 χ^2/NDF : 167.4/14

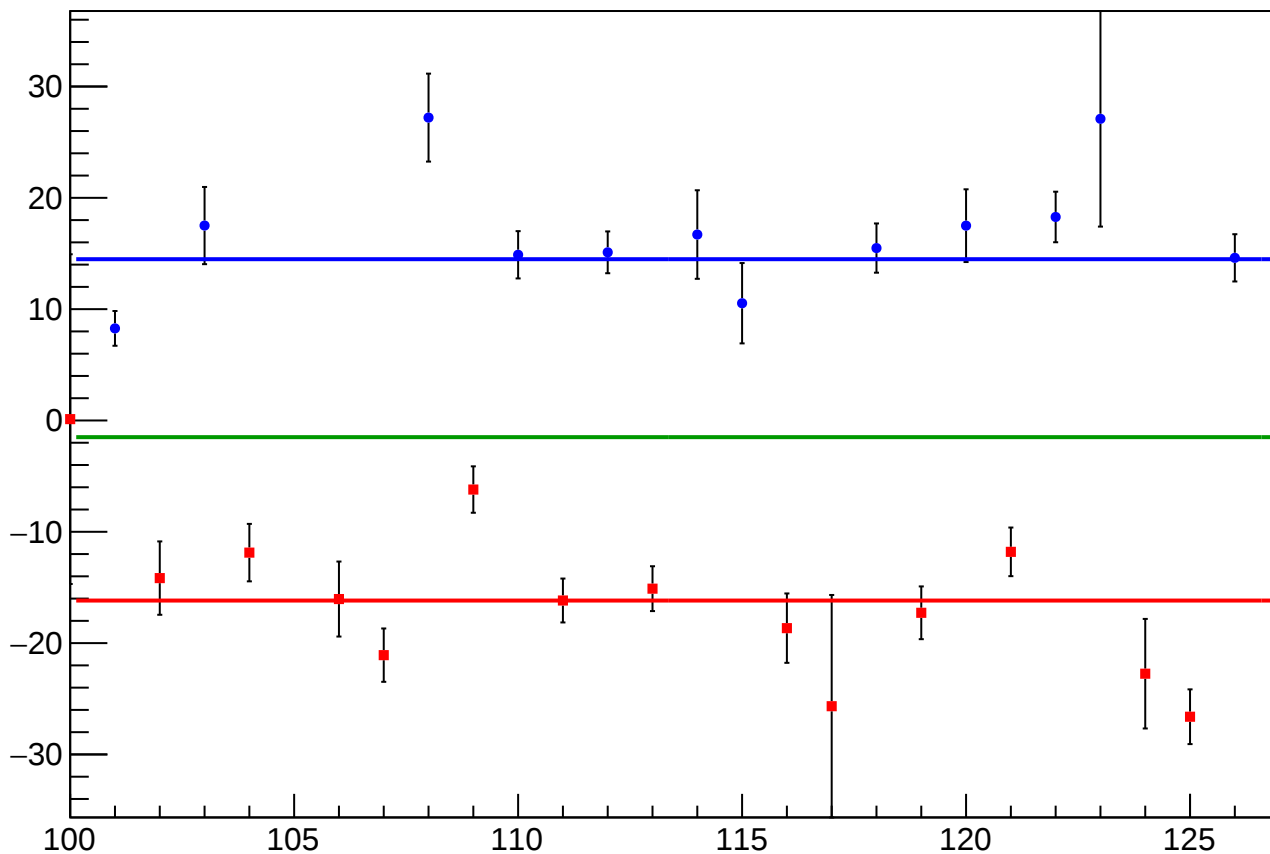
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.412 ± 1.110 χ^2/NDF : 106.6/11

3.924 ± 0.748 χ^2/NDF : 3196.2/26

40.804 ± 1.012 χ^2/NDF : 167.4/14

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.488 ± 0.720 χ^2/NDF : 34.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.176 ± 0.690 χ^2/NDF : 63.9/14

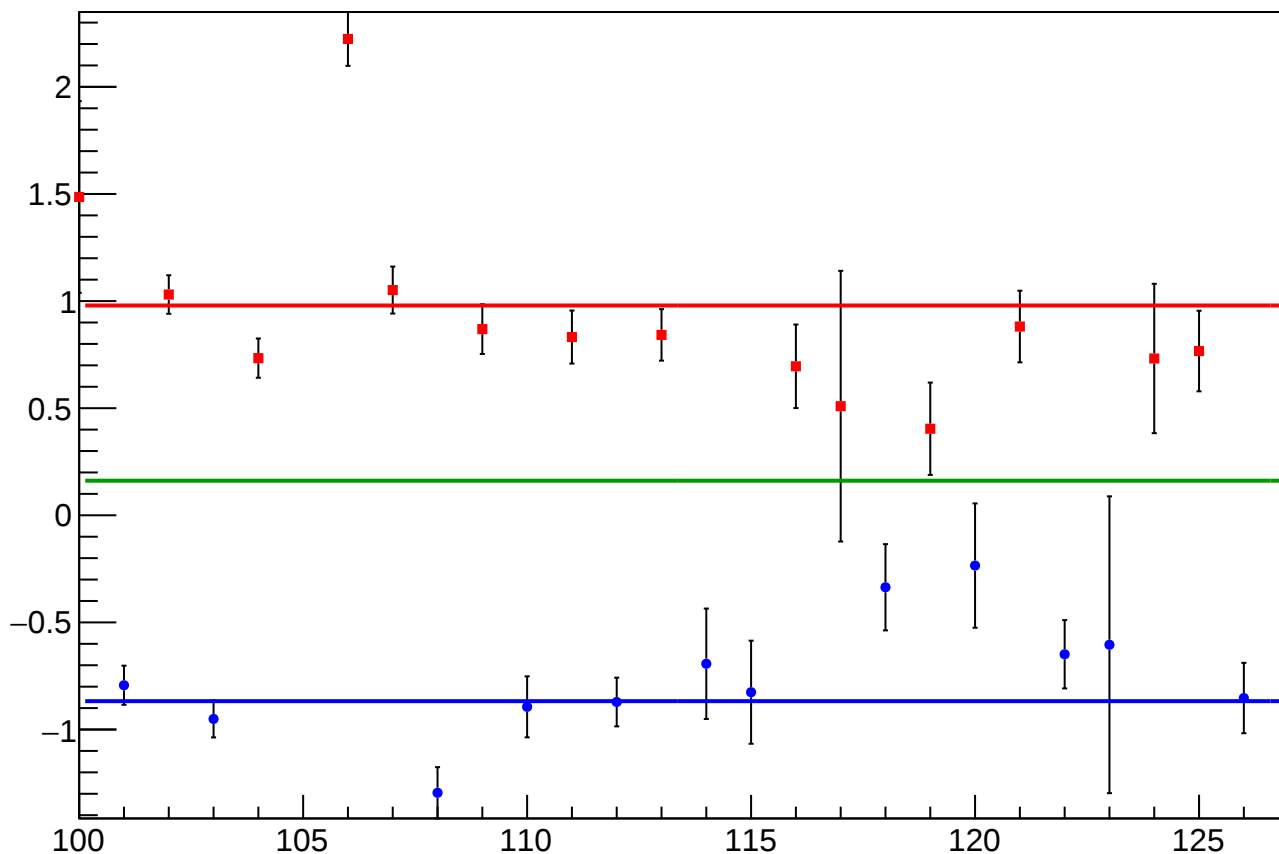
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

14.488 ± 0.720 χ^2/NDF : 34.2/11

-1.498 ± 0.498 χ^2/NDF : 1042.8/26

-16.176 ± 0.690 χ^2/NDF : 63.9/14

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.868+/-0.041 χ^2/NDF : 28.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.979+/-0.036 χ^2/NDF : 123.4/14

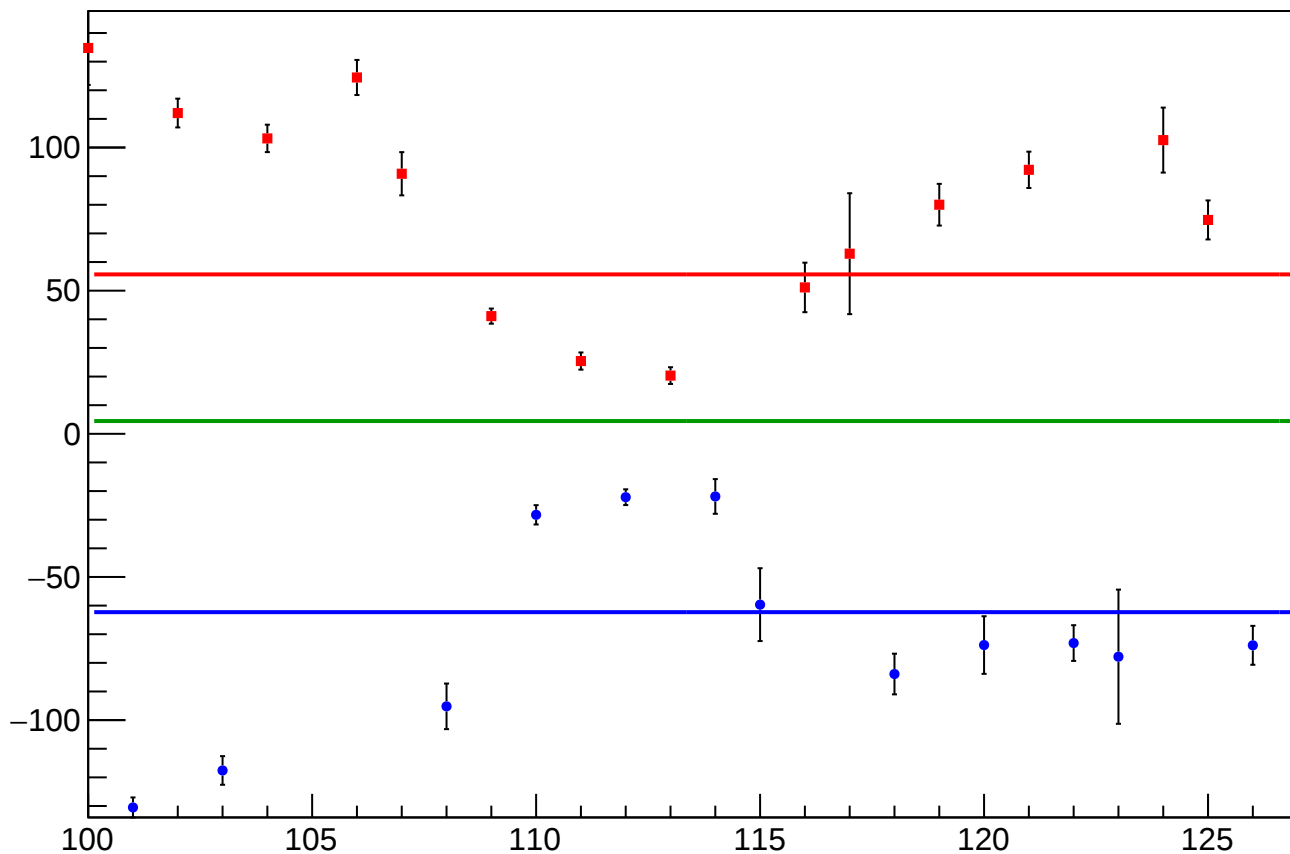
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.868+/-0.041 χ^2/NDF : 28.6/11

0.162+/-0.027 χ^2/NDF : 1288.6/26

0.979+/-0.036 χ^2/NDF : 123.4/14

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.291+/-1.459 χ^2/NDF : 896.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.684+/-1.278 χ^2/NDF : 760.9/14

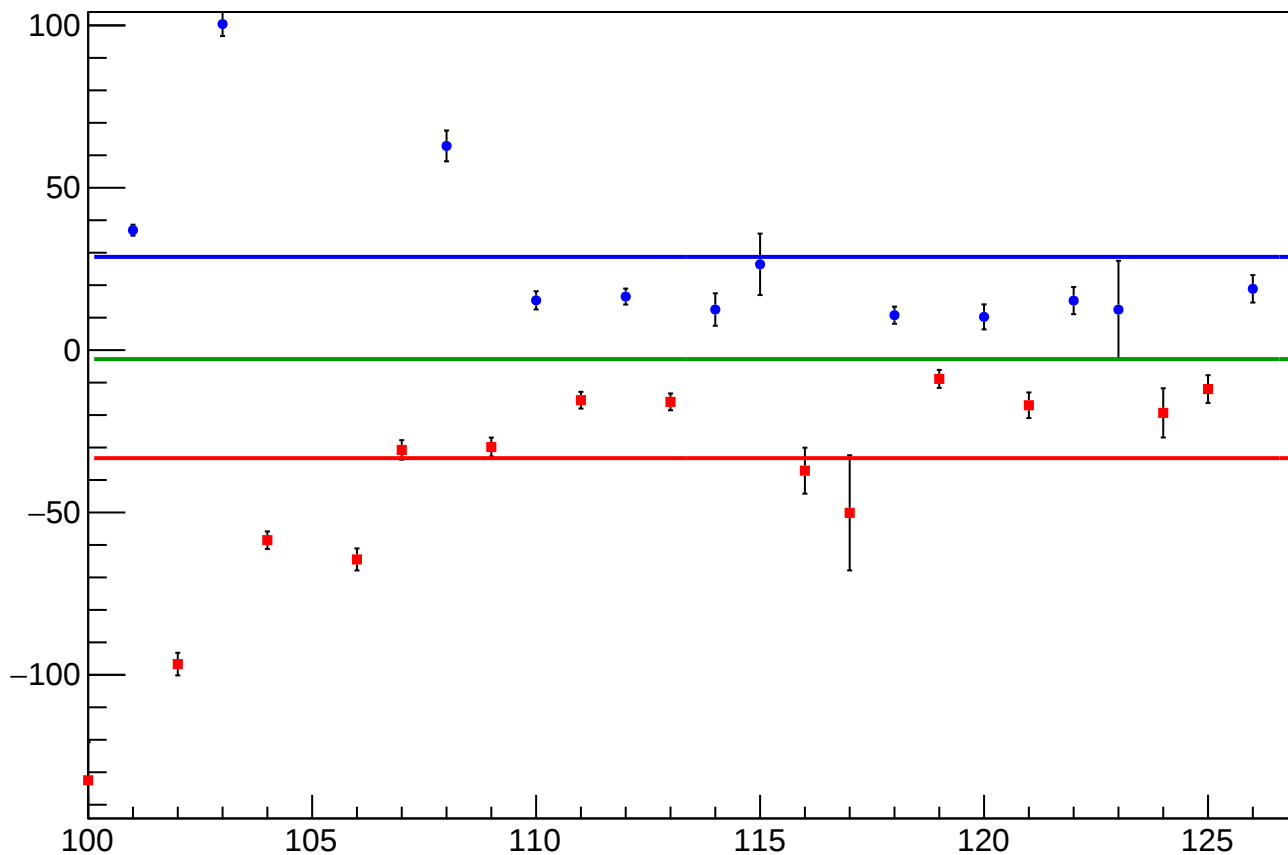
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.291+/-1.459 χ^2/NDF : 896.0/11

4.465+/-0.961 χ^2/NDF : 5357.4/26

55.684+/-1.278 χ^2/NDF : 760.9/14

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.714 ± 0.937 χ^2/NDF : 594.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.268 ± 0.922 χ^2/NDF : 802.3/14

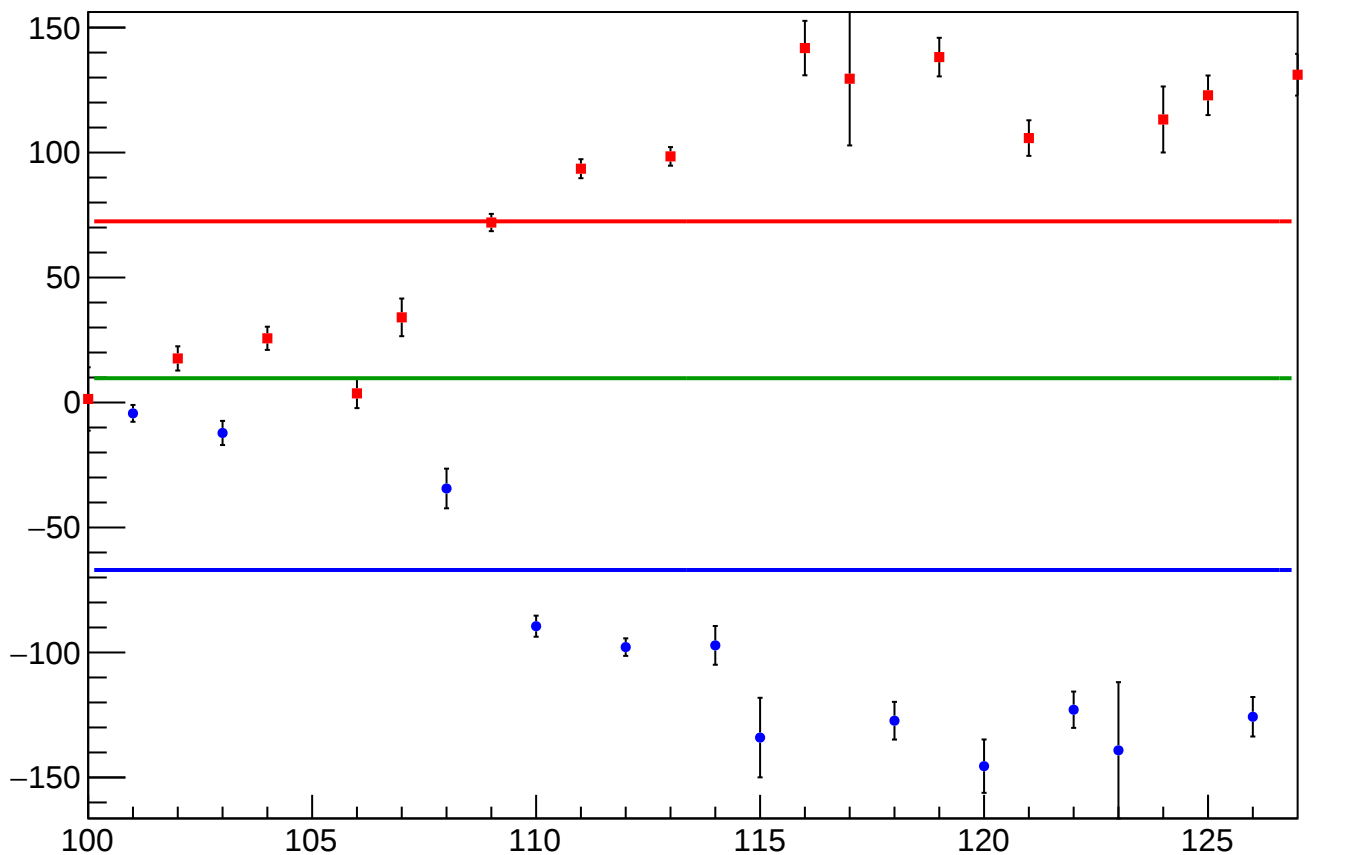
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

28.714 ± 0.937 χ^2/NDF : 594.6/11

-2.768 ± 0.657 χ^2/NDF : 3620.9/26

-33.268 ± 0.922 χ^2/NDF : 802.3/14

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.005+/-1.650 χ^2/NDF : 869.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.475+/-1.492 χ^2/NDF : 741.6/14

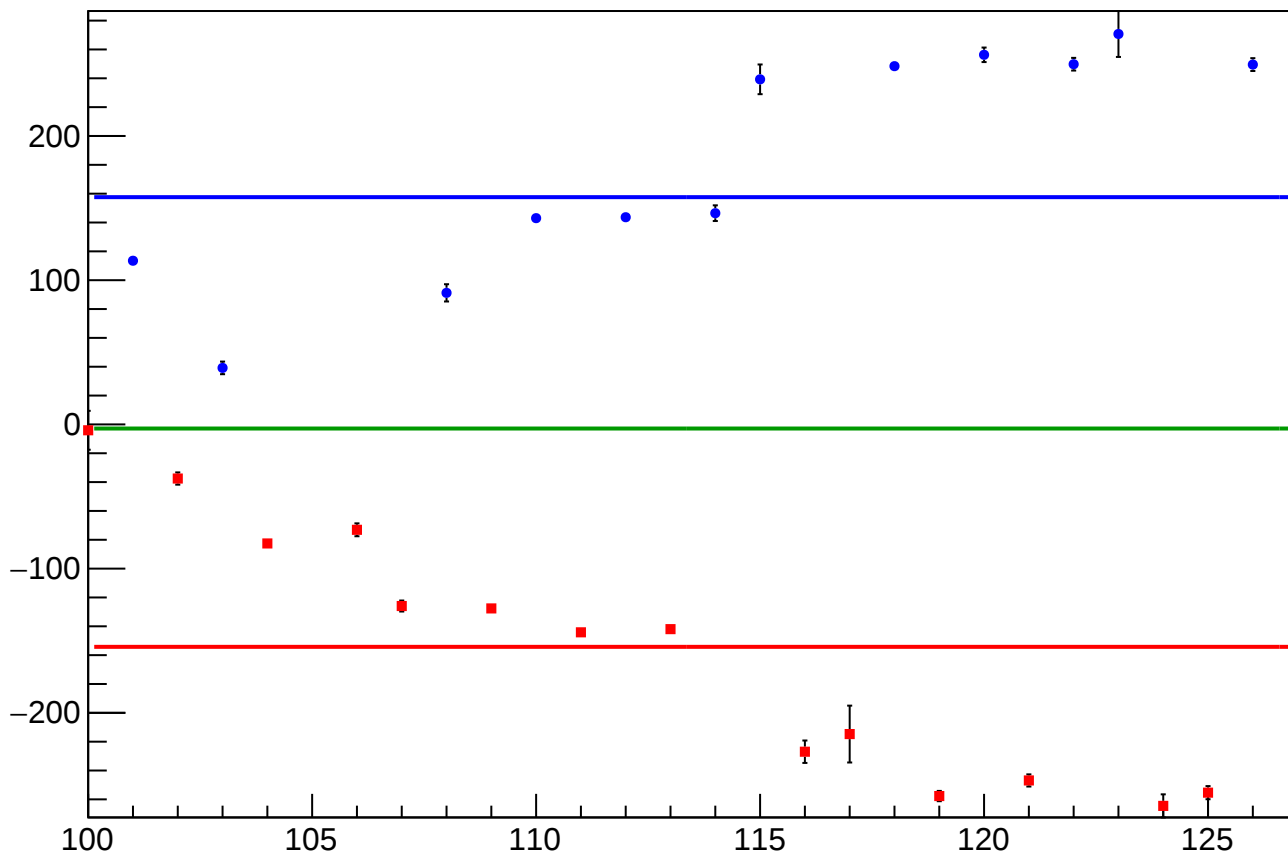
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-67.005+/-1.650 χ^2/NDF : 869.6/11

9.721+/-1.106 χ^2/NDF : 5544.4/26

72.475+/-1.492 χ^2/NDF : 741.6/14

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 157.584 ± 1.096 χ^2/NDF : 3429.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -154.240 ± 1.065 χ^2/NDF : 4292.8/14

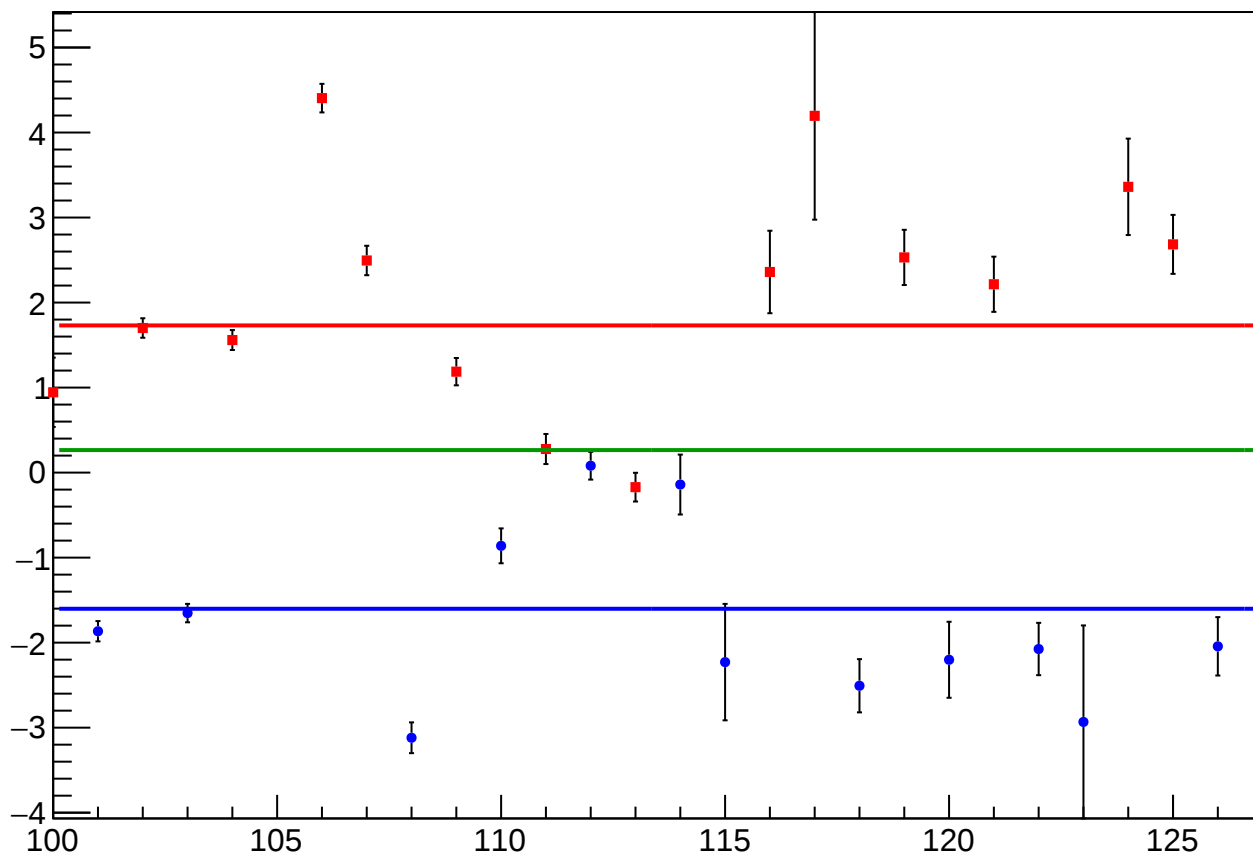
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

157.584 ± 1.096 χ^2/NDF : 3429.8/11

-2.850 ± 0.764 χ^2/NDF : 49375.1/26

-154.240 ± 1.065 χ^2/NDF : 4292.8/14

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.602 ± 0.059 $\chi^2/\text{NDF}: 228.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.731 ± 0.052 $\chi^2/\text{NDF}: 516.2/14$

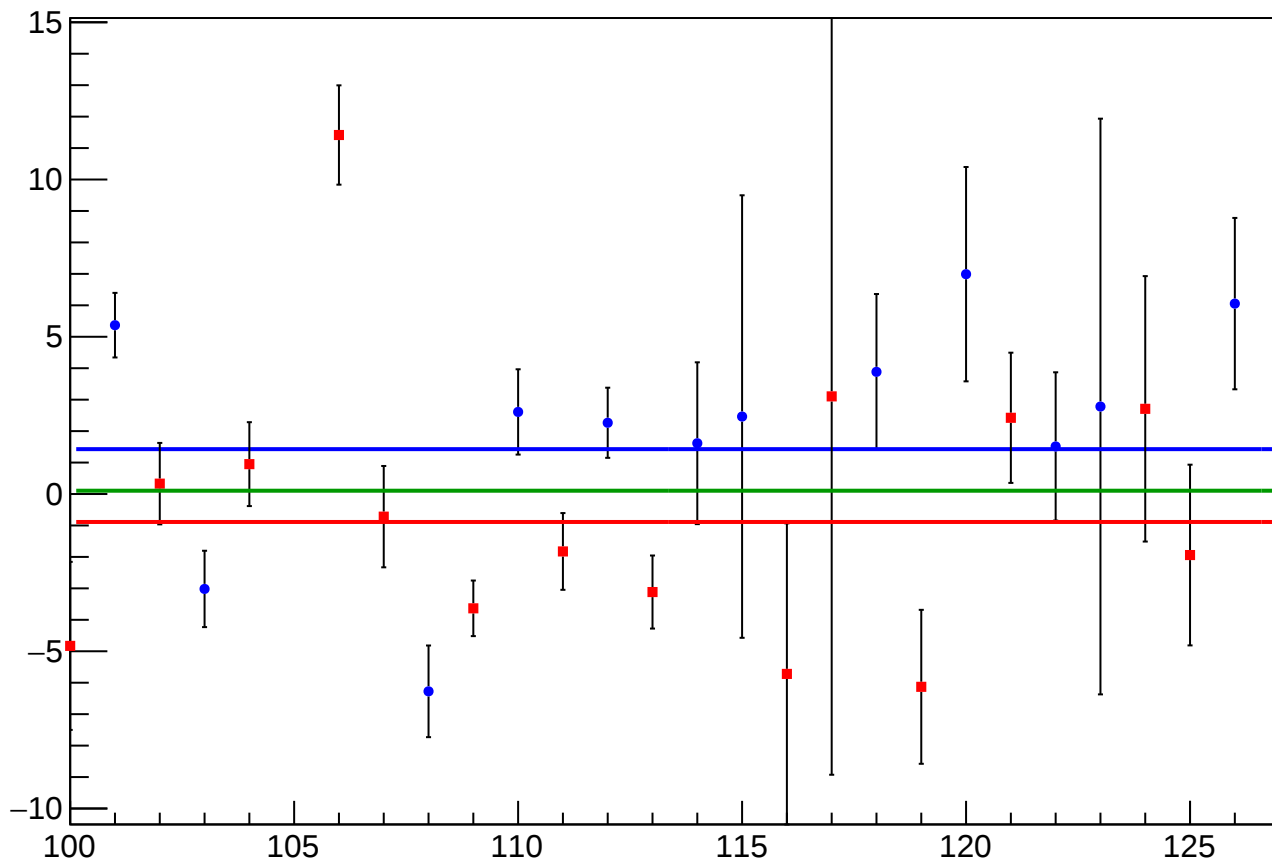
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.602 ± 0.059 $\chi^2/\text{NDF}: 228.1/11$

0.265 ± 0.039 $\chi^2/\text{NDF}: 2560.8/26$

1.731 ± 0.052 $\chi^2/\text{NDF}: 516.2/14$

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.427+/-0.488 χ^2/NDF : 64.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.889+/-0.423 χ^2/NDF : 89.0/14

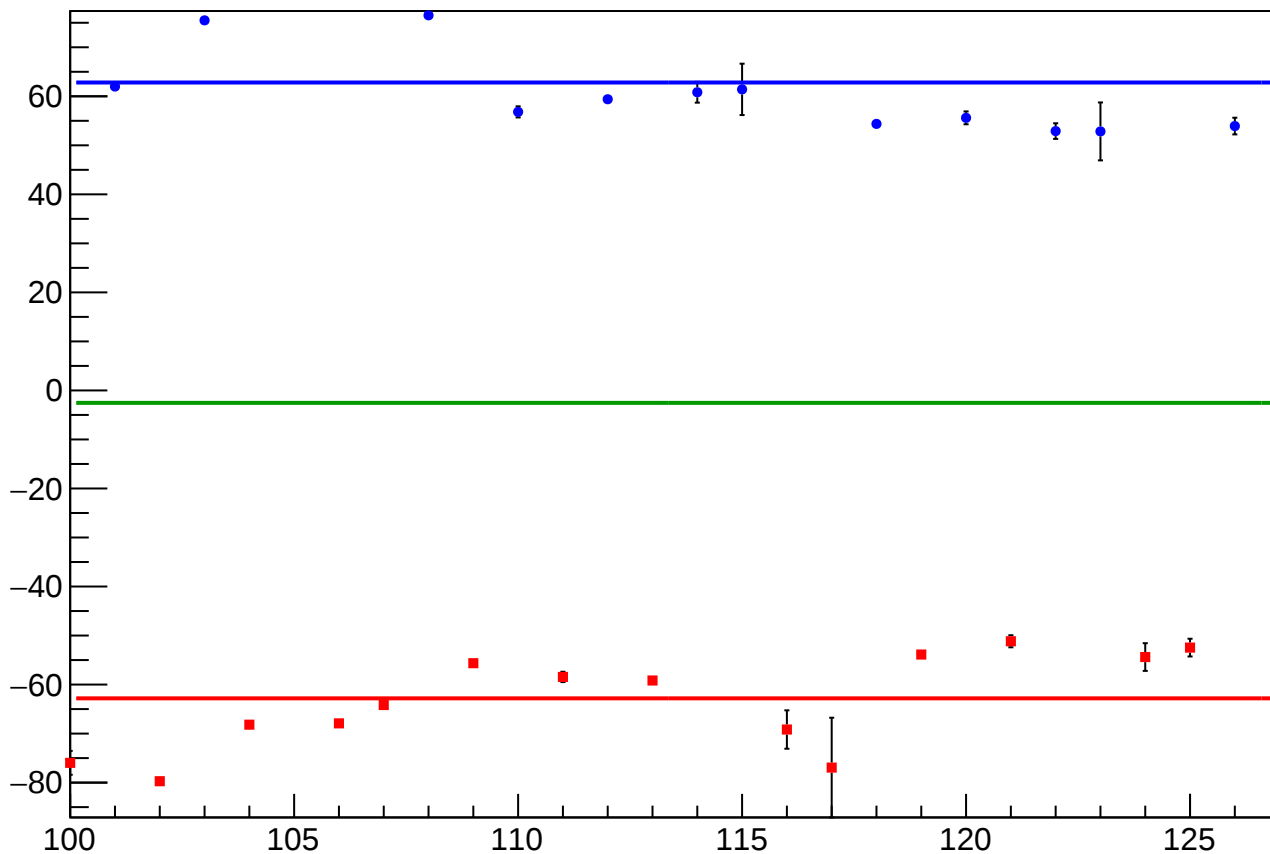
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.427+/-0.488 χ^2/NDF : 64.0/11

0.105+/-0.320 χ^2/NDF : 165.8/26

-0.889+/-0.423 χ^2/NDF : 89.0/14

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.814+/-0.301 χ^2 /NDF: 667.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -62.811+/-0.289 χ^2 /NDF: 761.3/14

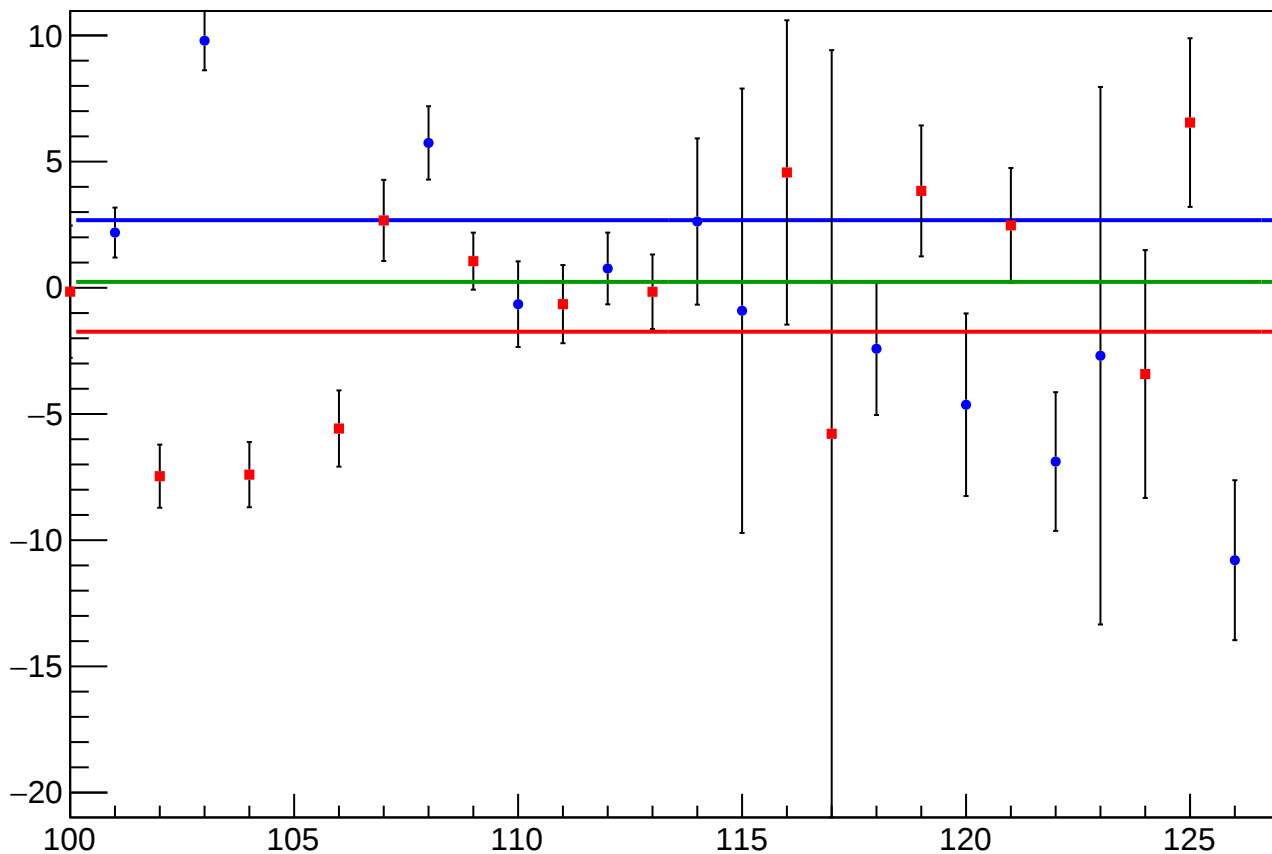
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

62.814+/-0.301 χ^2 /NDF: 667.1/11

-2.536+/-0.208 χ^2 /NDF: 92275.0/26

-62.811+/-0.289 χ^2 /NDF: 761.3/14

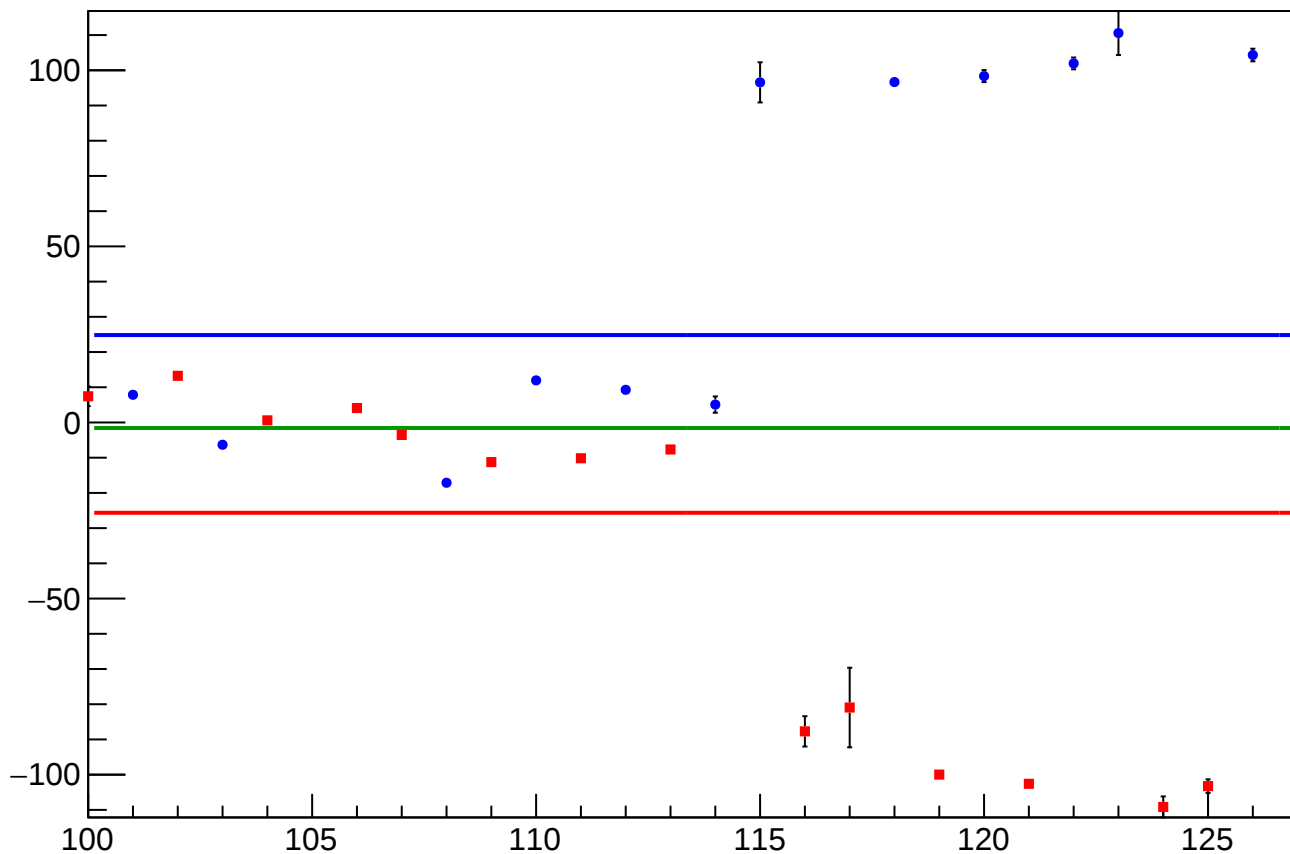
reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.679+/-0.525 χ^2/NDF : 85.5/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.739+/-0.471 χ^2/NDF : 85.1/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.679+/-0.525 χ^2/NDF : 85.5/11
 0.234+/-0.351 χ^2/NDF : 209.9/26
 -1.739+/-0.471 χ^2/NDF : 85.1/14

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.820+/-0.358 χ^2/NDF : 13351.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.638+/-0.342 χ^2/NDF : 15602.7/14

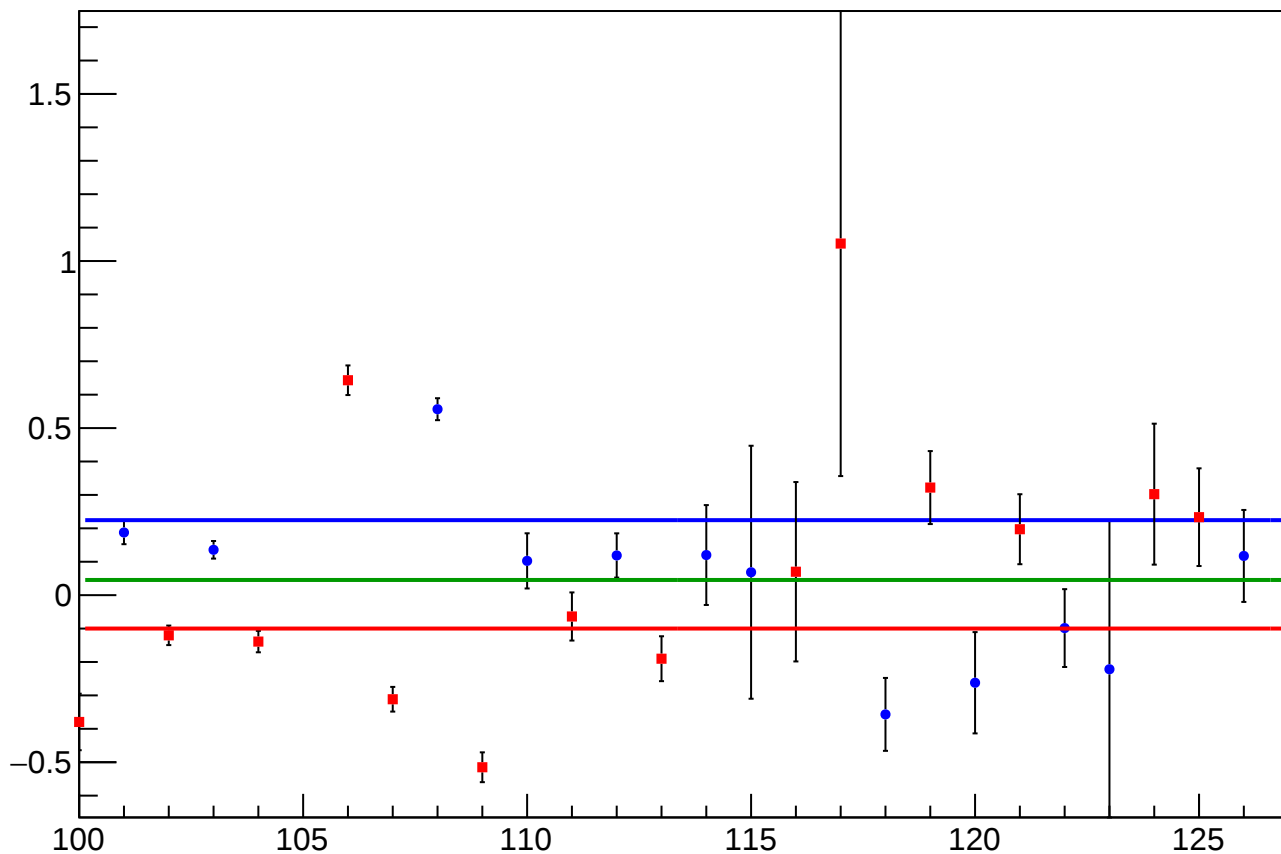
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.820+/-0.358 χ^2/NDF : 13351.5/11

-1.568+/-0.247 χ^2/NDF : 39360.8/26

-25.638+/-0.342 χ^2/NDF : 15602.7/14

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.224+/-0.016 χ^2/NDF : 168.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.100+/-0.014 χ^2/NDF : 451.0/14

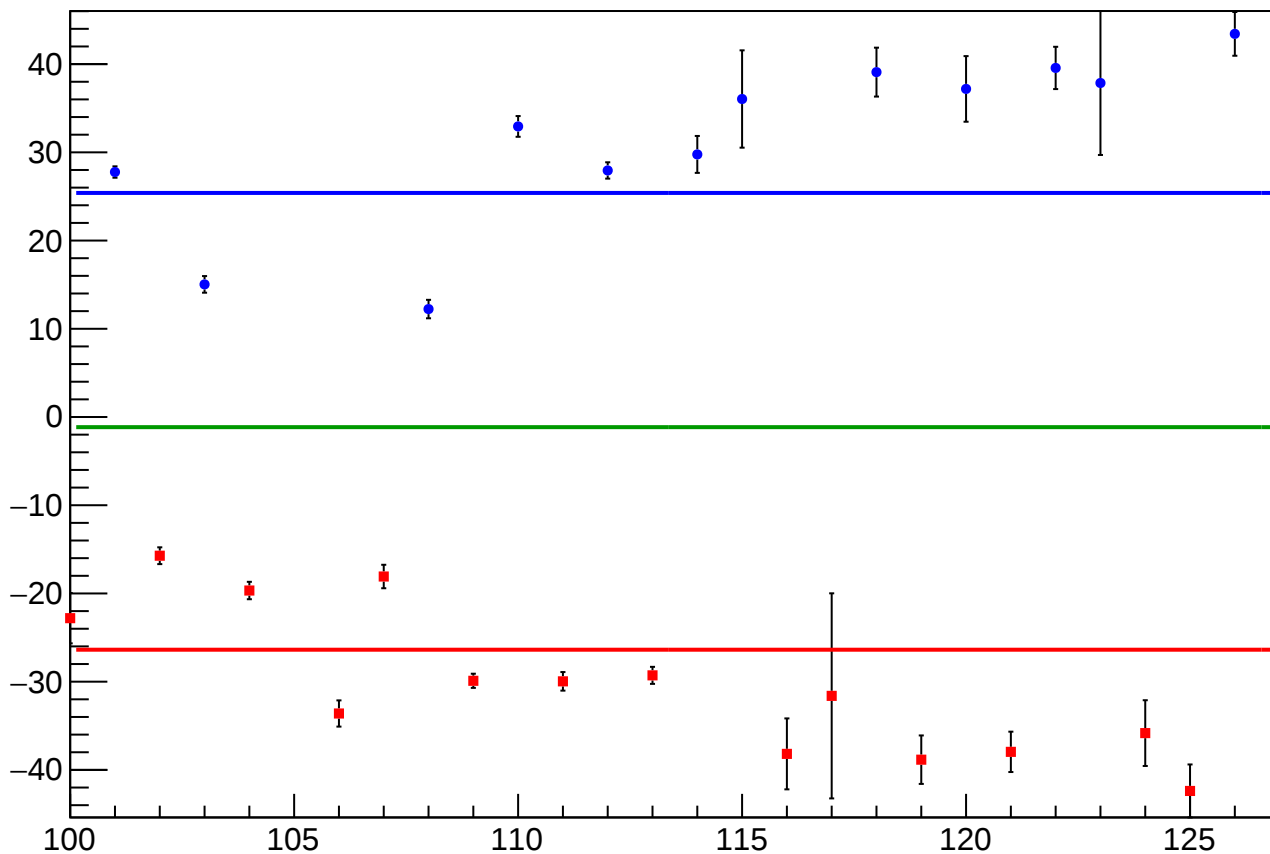
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.224+/-0.016 χ^2/NDF : 168.0/11

0.045+/-0.011 χ^2/NDF : 843.7/26

-0.100+/-0.014 χ^2/NDF : 451.0/14

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 25.399+/-0.374 χ^2 /NDF: 474.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -26.377+/-0.365 χ^2 /NDF: 382.8/14

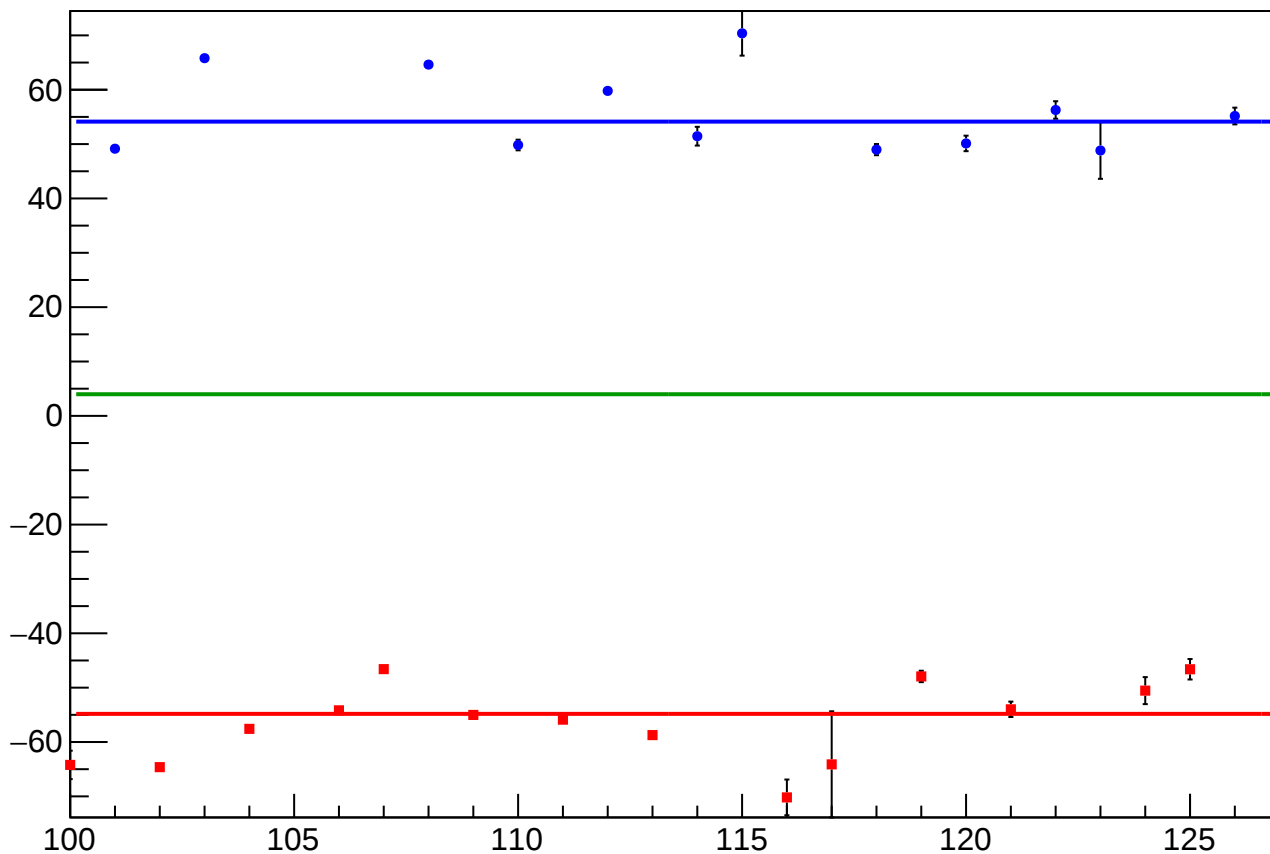
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.399+/-0.374 χ^2 /NDF: 474.1/11

-1.150+/-0.261 χ^2 /NDF: 10682.2/26

-26.377+/-0.365 χ^2 /NDF: 382.8/14

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.134 ± 0.226 χ^2/NDF : 920.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -54.822 ± 0.245 χ^2/NDF : 588.5/14

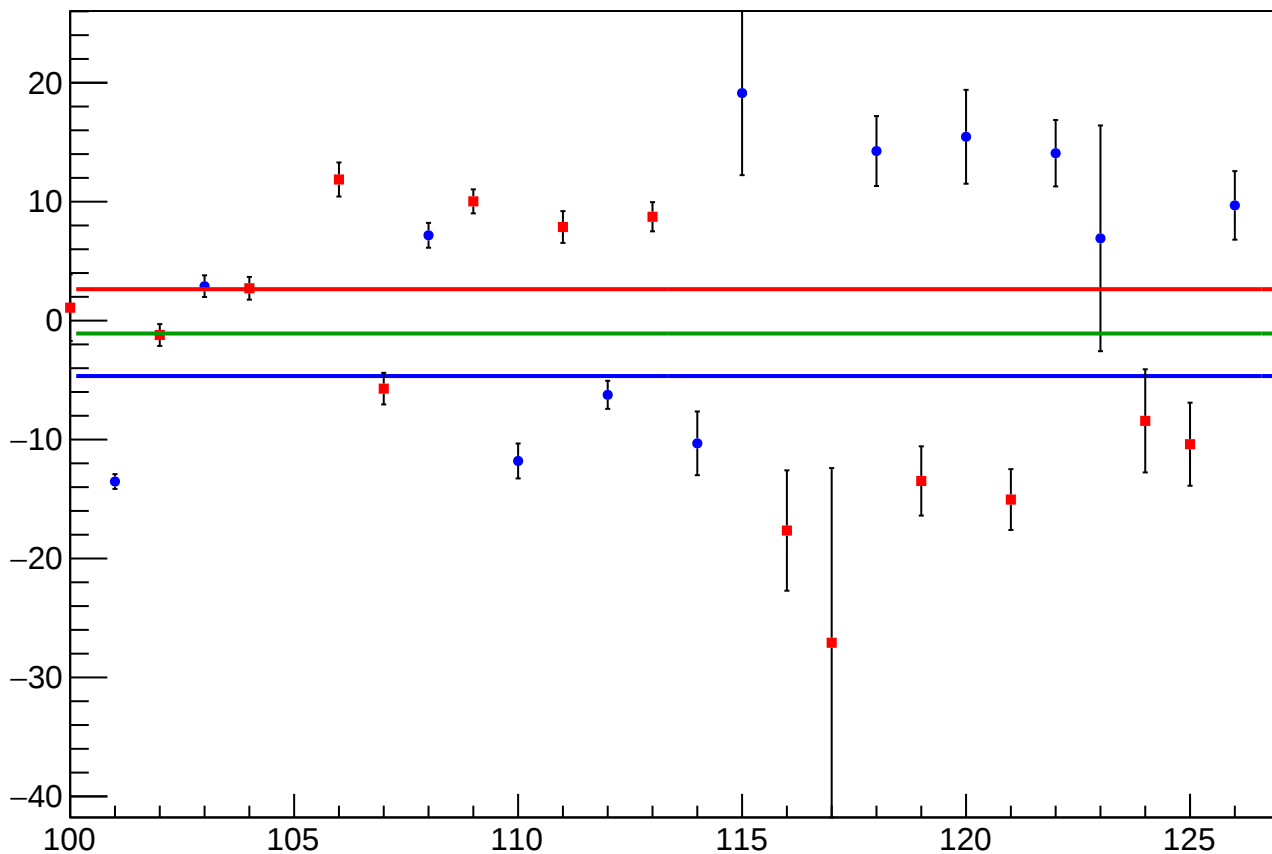
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

54.134 ± 0.226 χ^2/NDF : 920.7/11

3.982 ± 0.166 χ^2/NDF : 108122.0/26

-54.822 ± 0.245 χ^2/NDF : 588.5/14

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.659+/-0.392 χ^2 /NDF: 581.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2.644+/-0.401 χ^2 /NDF: 351.6/14

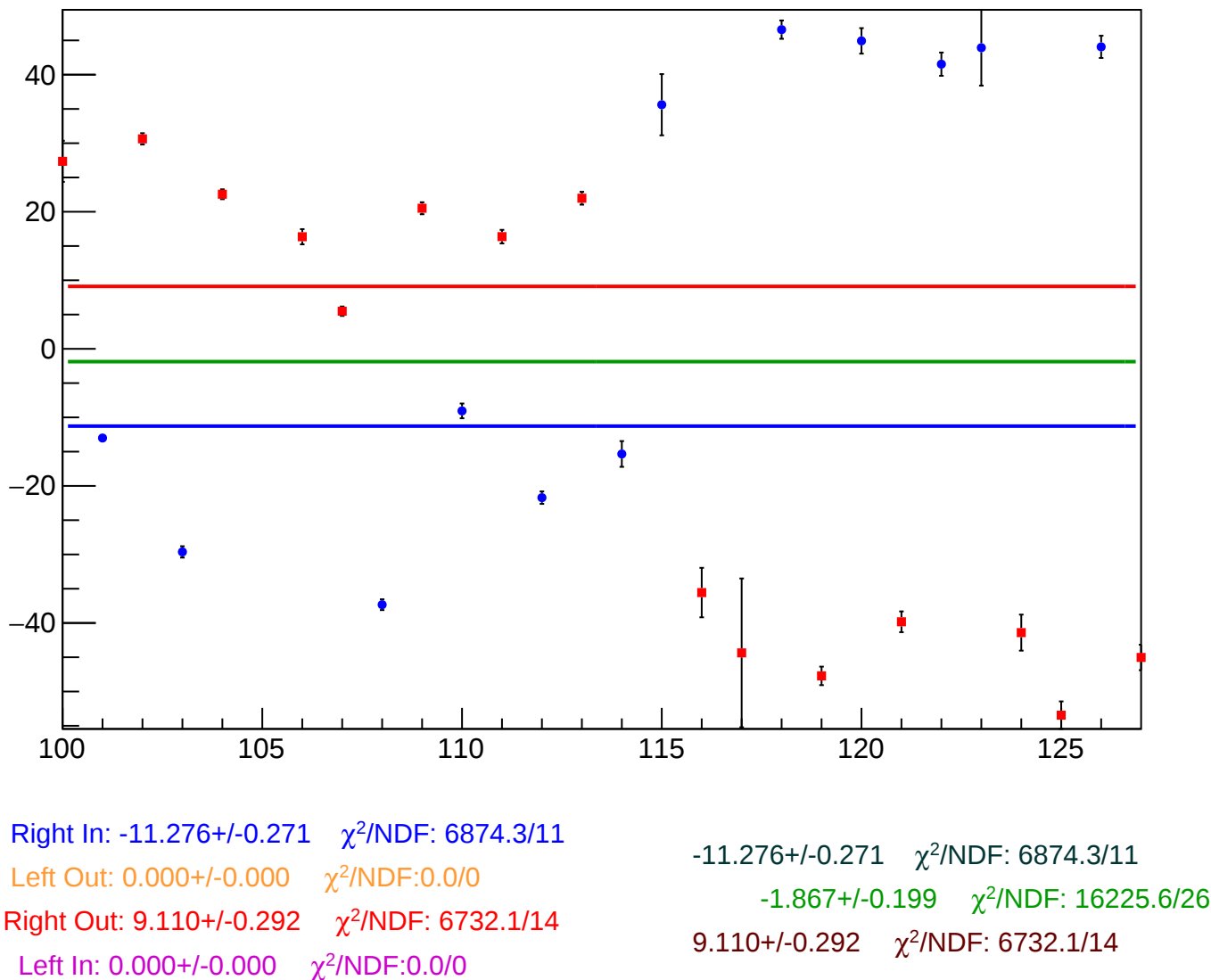
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.659+/-0.392 χ^2 /NDF: 581.2/11

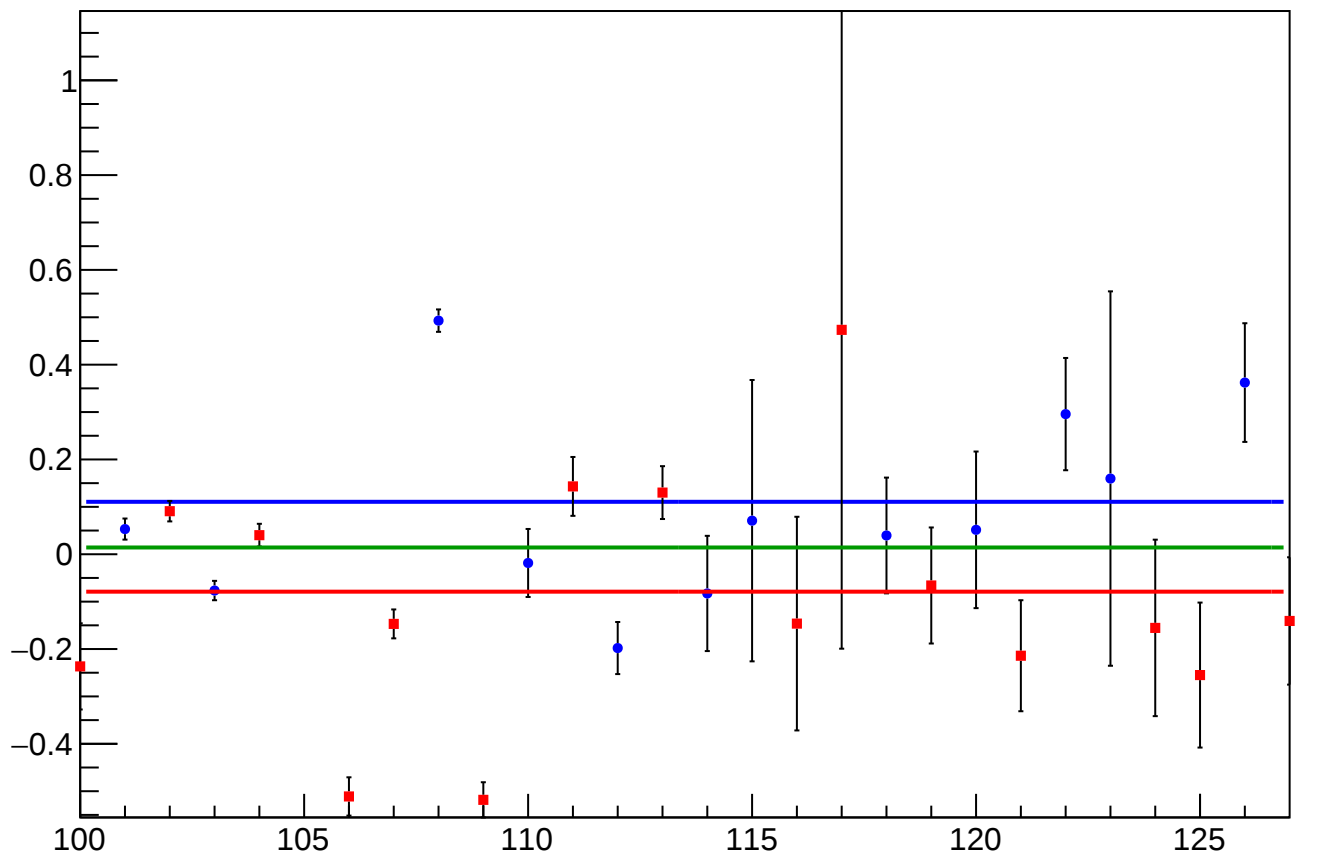
-1.084+/-0.280 χ^2 /NDF: 1102.4/26

2.644+/-0.401 χ^2 /NDF: 351.6/14

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.111+/-0.012 χ^2/NDF : 396.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.079+/-0.012 χ^2/NDF : 379.5/14

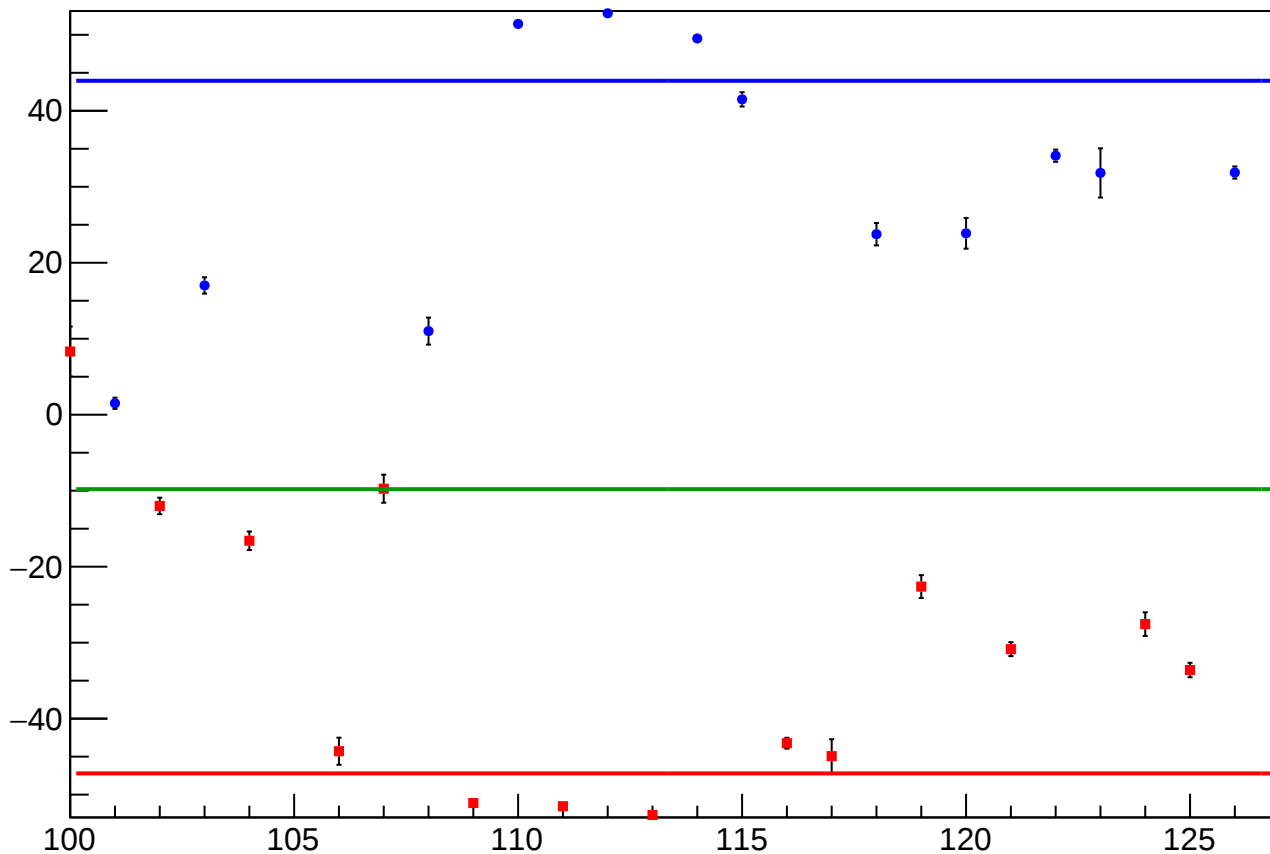
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.111+/-0.012 χ^2/NDF : 396.1/11

0.014+/-0.008 χ^2/NDF : 904.6/26

-0.079+/-0.012 χ^2/NDF : 379.5/14

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 43.952 ± 0.187 χ^2/NDF : 6316.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.210 ± 0.156 χ^2/NDF : 4216.5/14

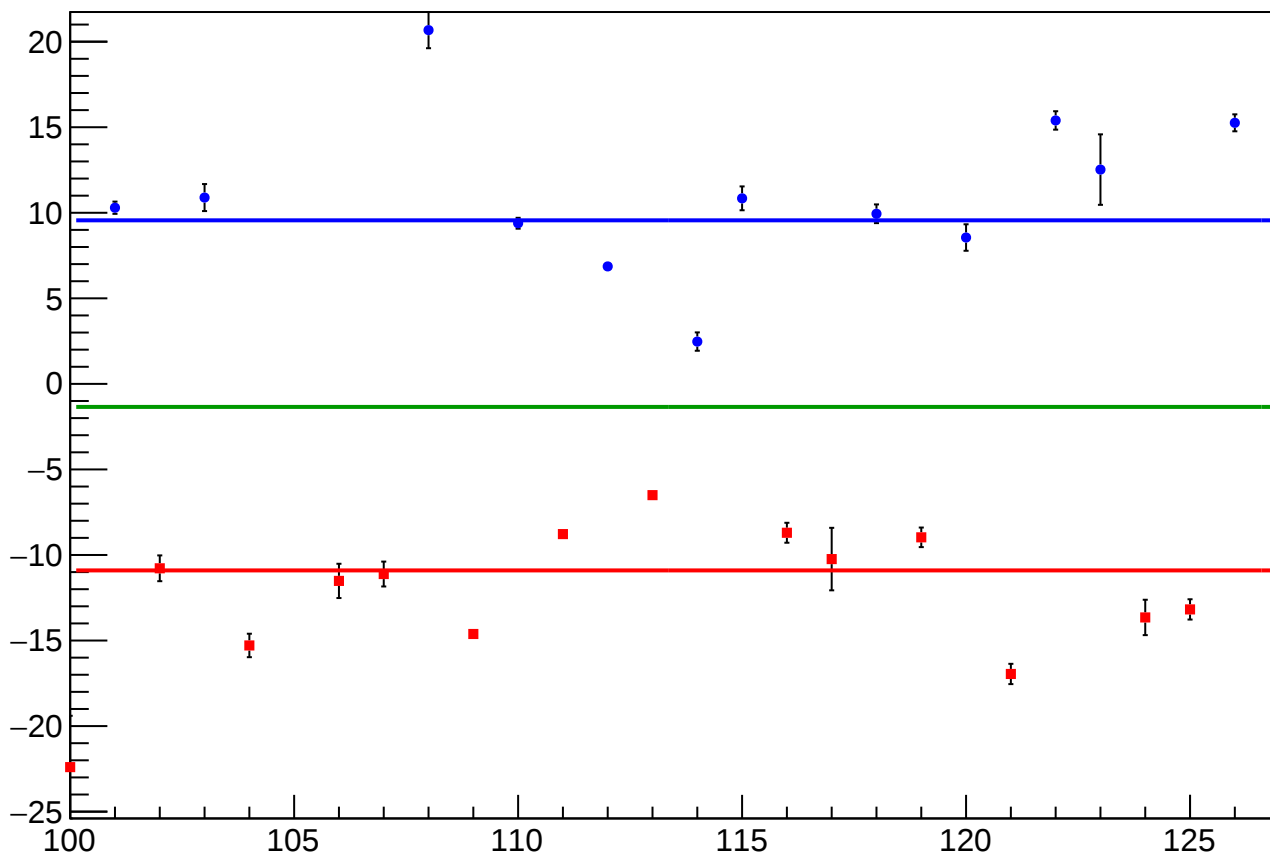
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

43.952 ± 0.187 χ^2/NDF : 6316.6/11

-9.799 ± 0.120 χ^2/NDF : 150204.2/26

-47.210 ± 0.156 χ^2/NDF : 4216.5/14

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.559+/-0.138 χ^2/NDF : 651.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.902+/-0.129 χ^2/NDF : 698.5/14

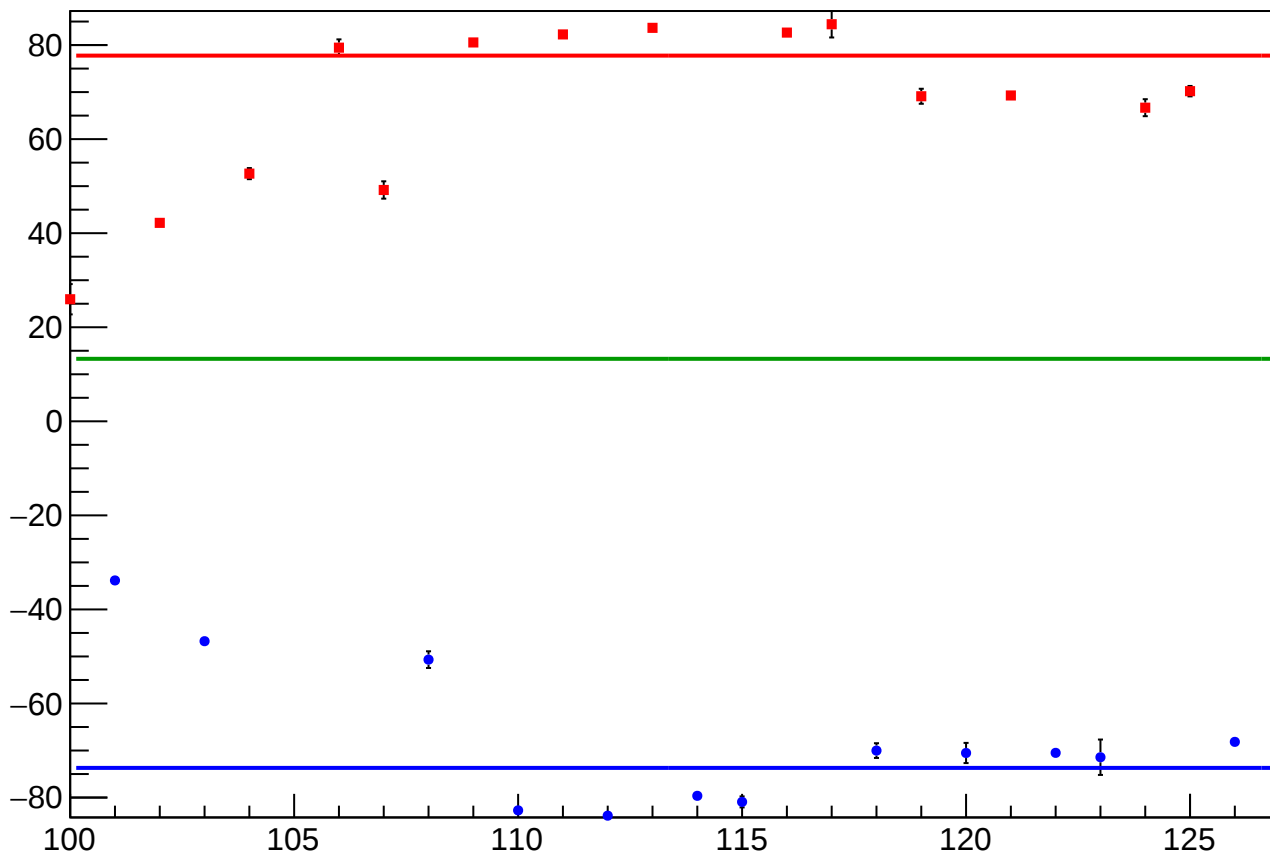
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.559+/-0.138 χ^2/NDF : 651.9/11

-1.346+/-0.094 χ^2/NDF : 13084.5/26

-10.902+/-0.129 χ^2/NDF : 698.5/14

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.693+/-0.225 χ^2/NDF : 5209.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.757+/-0.194 χ^2/NDF : 2739.1/14

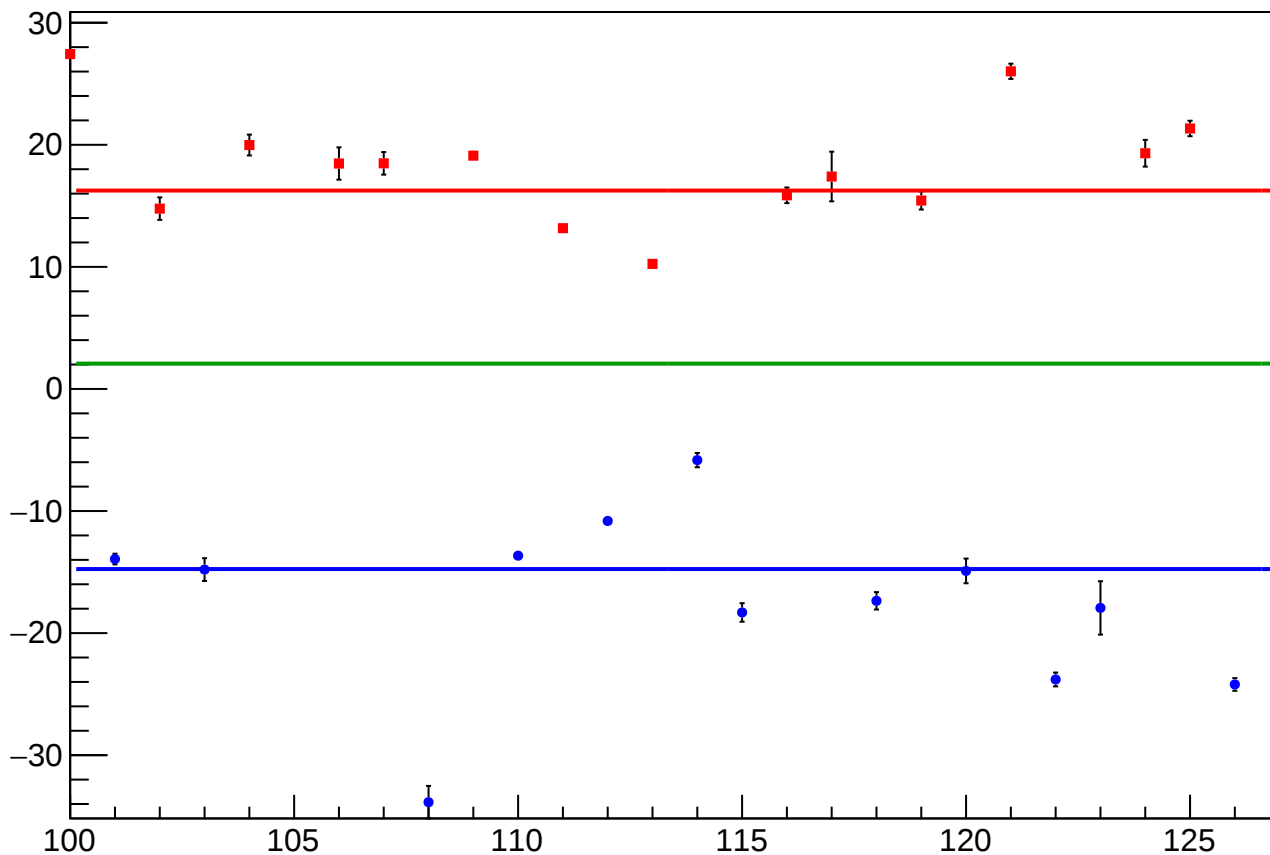
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-73.693+/-0.225 χ^2/NDF : 5209.5/11

13.287+/-0.147 χ^2/NDF : 267387.7/26

77.757+/-0.194 χ^2/NDF : 2739.1/14

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.753 ± 0.155 $\chi^2/\text{NDF}: 1253.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.253 ± 0.142 $\chi^2/\text{NDF}: 999.5/14$

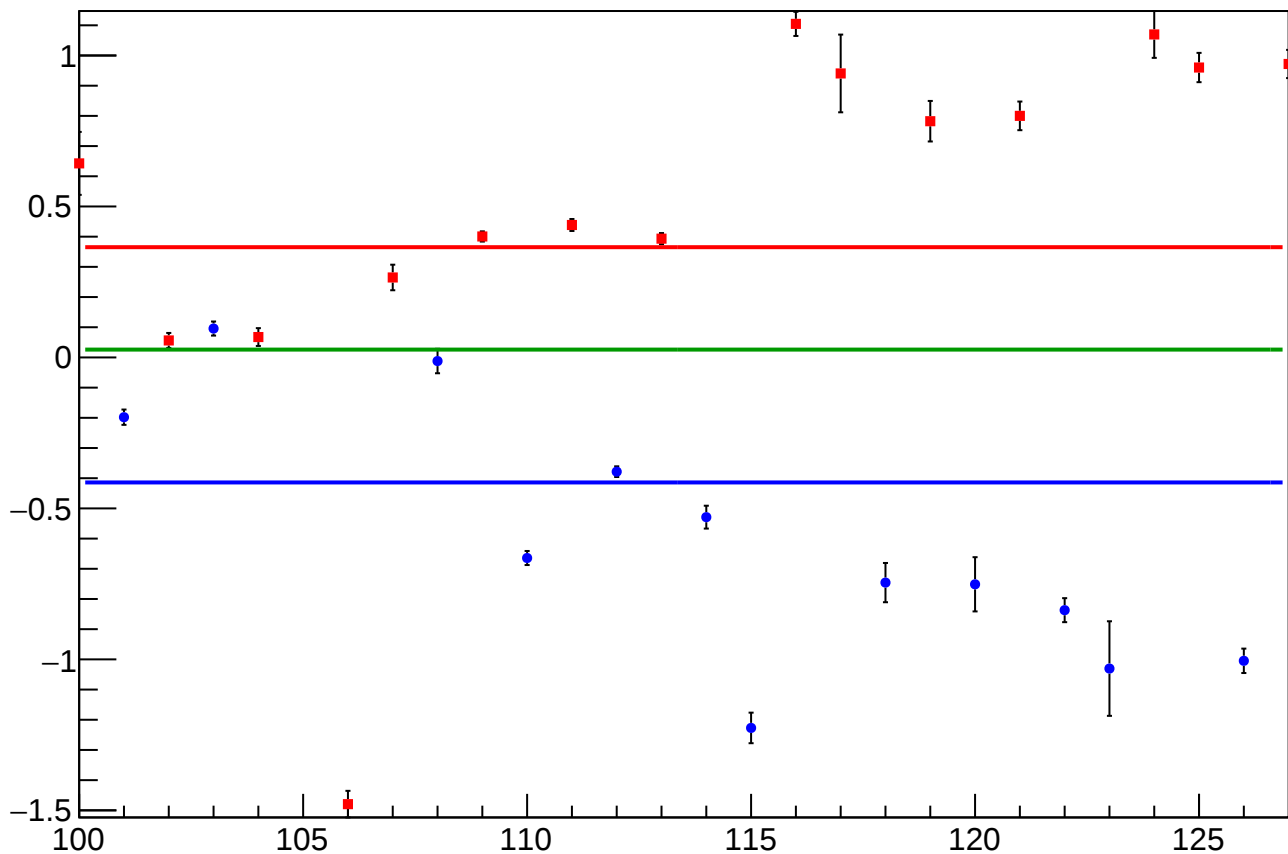
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-14.753 ± 0.155 $\chi^2/\text{NDF}: 1253.8/11$

2.076 ± 0.105 $\chi^2/\text{NDF}: 23919.7/26$

16.253 ± 0.142 $\chi^2/\text{NDF}: 999.5/14$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.009 $\chi^2/\text{NDF}: 1419.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.365 ± 0.008 $\chi^2/\text{NDF}: 2928.2/14$

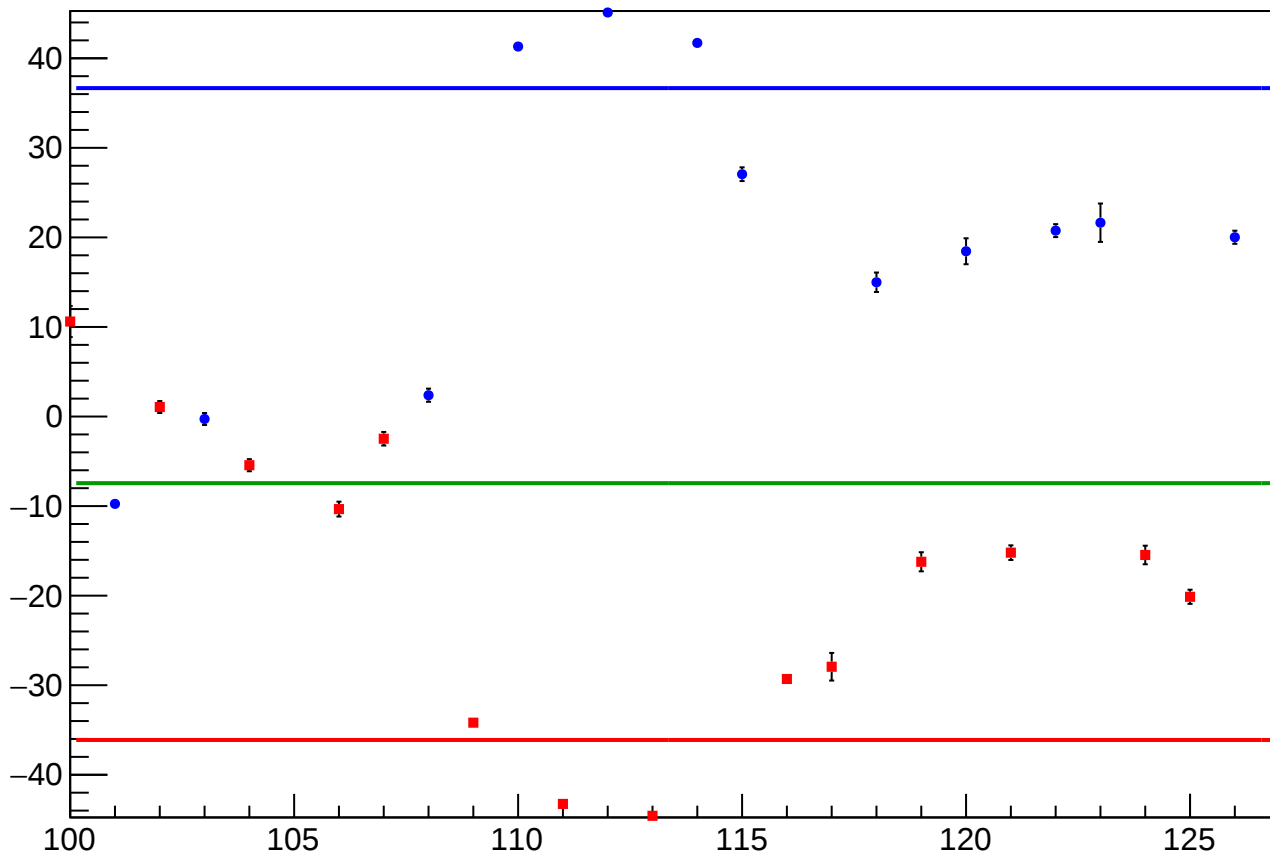
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.414 ± 0.009 $\chi^2/\text{NDF}: 1419.6/11$

0.026 ± 0.006 $\chi^2/\text{NDF}: 8389.7/26$

0.365 ± 0.008 $\chi^2/\text{NDF}: 2928.2/14$

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 36.669+/-0.110 χ^2/NDF : 19567.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.113+/-0.089 χ^2/NDF : 15119.0/14

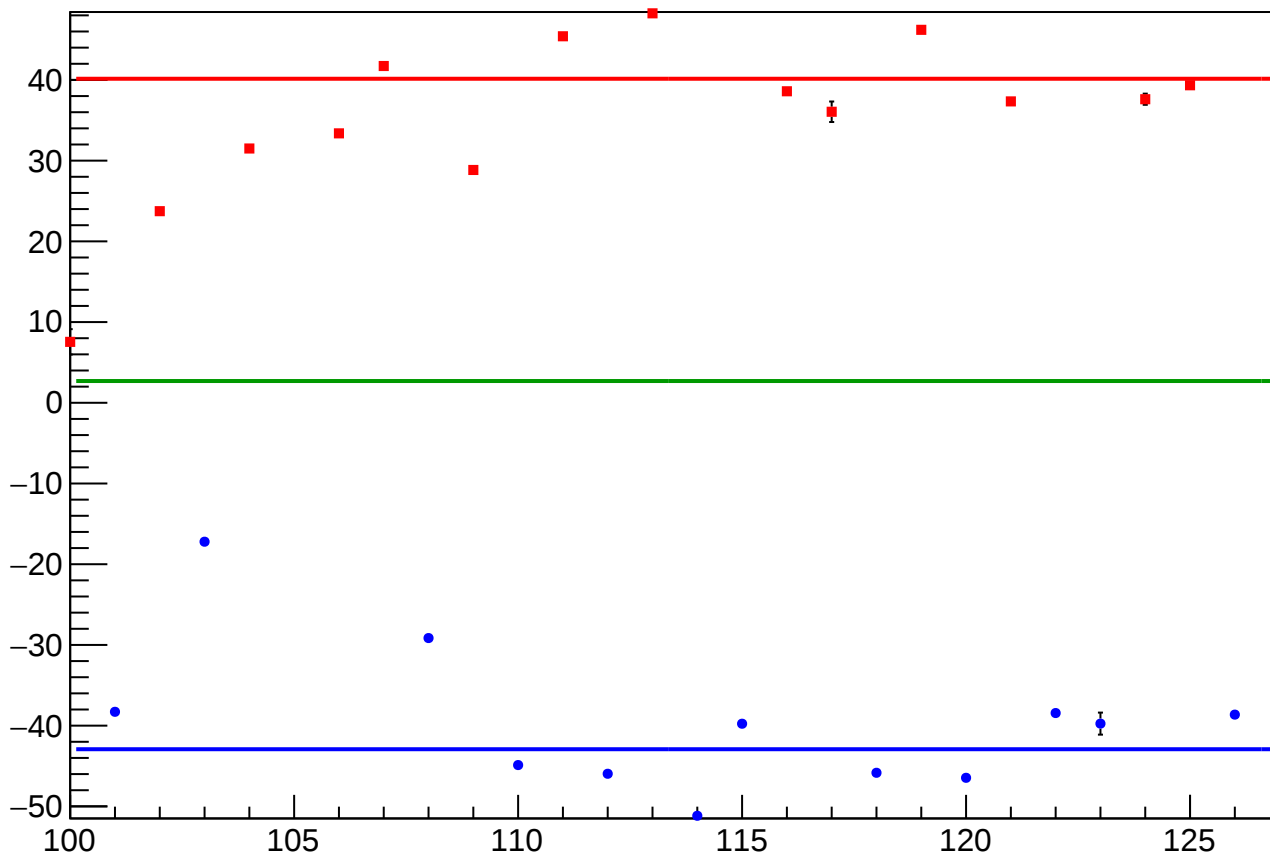
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.669+/-0.110 χ^2/NDF : 19567.4/11

-7.438+/-0.069 χ^2/NDF : 298706.0/26

-36.113+/-0.089 χ^2/NDF : 15119.0/14

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.920±/-0.085 χ^2/NDF : 5501.9/11

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.145±/-0.077 χ^2/NDF : 10781.8/14

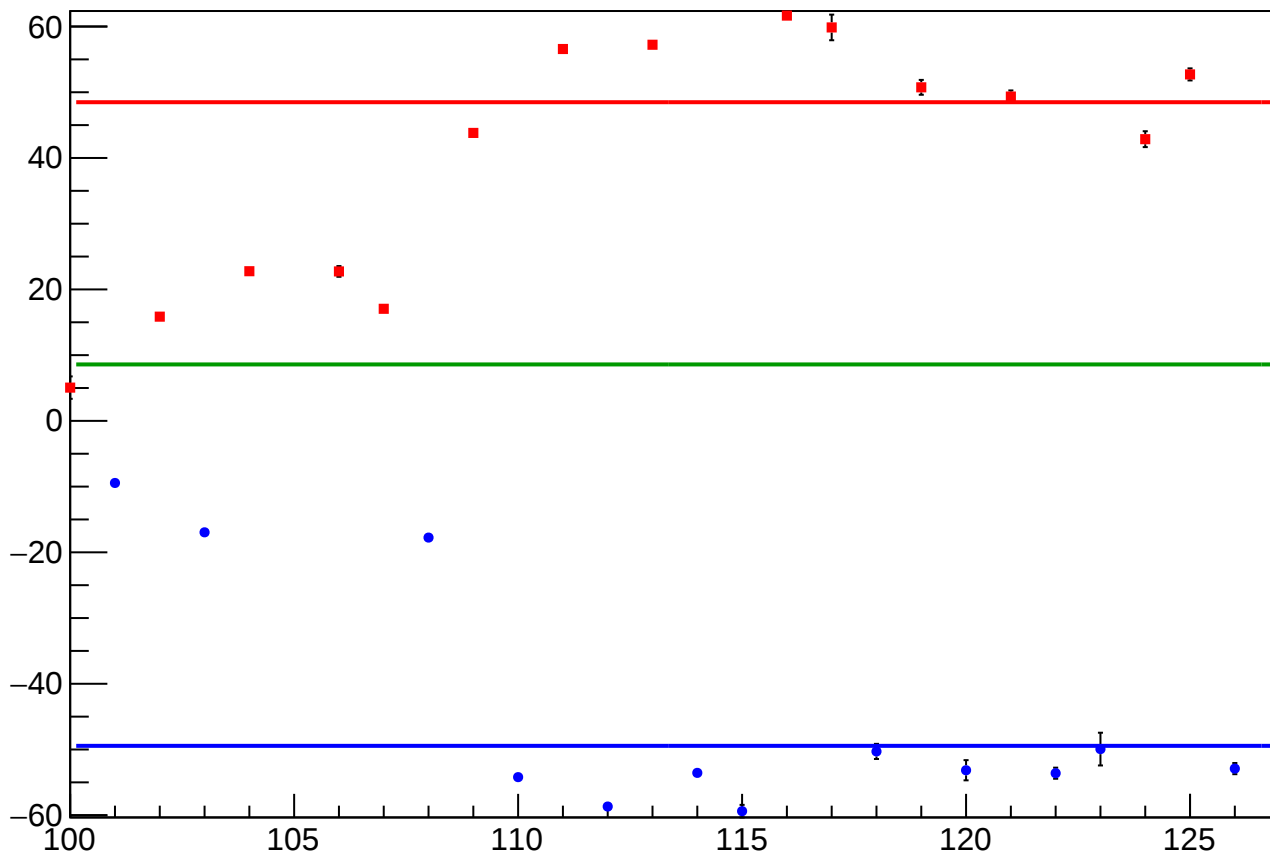
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-42.920±/-0.085 χ^2/NDF : 5501.9/11

2.696±/-0.057 χ^2/NDF : 541348.0/26

40.145±/-0.077 χ^2/NDF : 10781.8/14

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.443+/-0.134 χ^2/NDF : 14308.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.484+/-0.111 χ^2/NDF : 11328.0/14

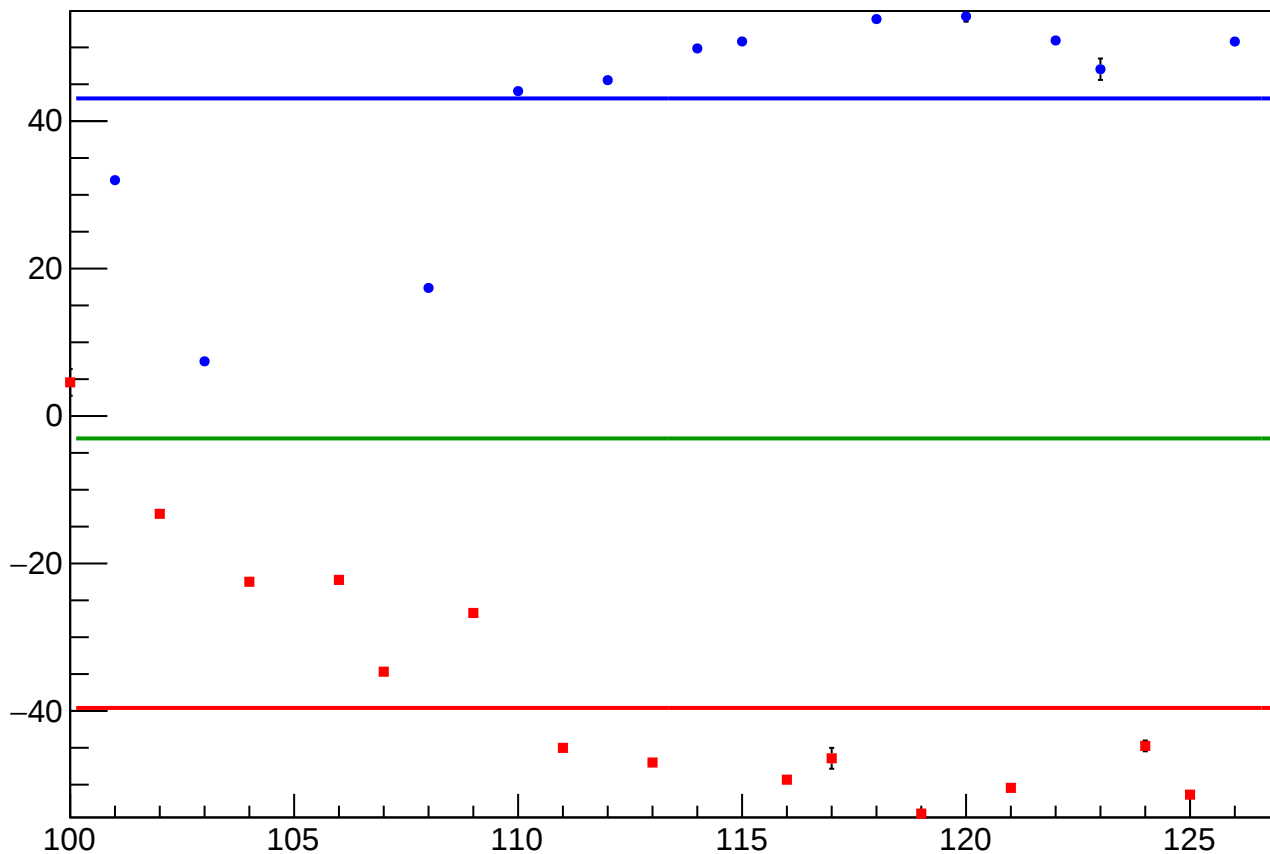
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-49.443+/-0.134 χ^2/NDF : 14308.0/11

8.587+/-0.085 χ^2/NDF : 342470.1/26

48.484+/-0.111 χ^2/NDF : 11328.0/14

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.080 $\pm$ 0.095 χ^2 /NDF: 9254.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.591 $\pm$ 0.085 χ^2 /NDF: 15579.7/14

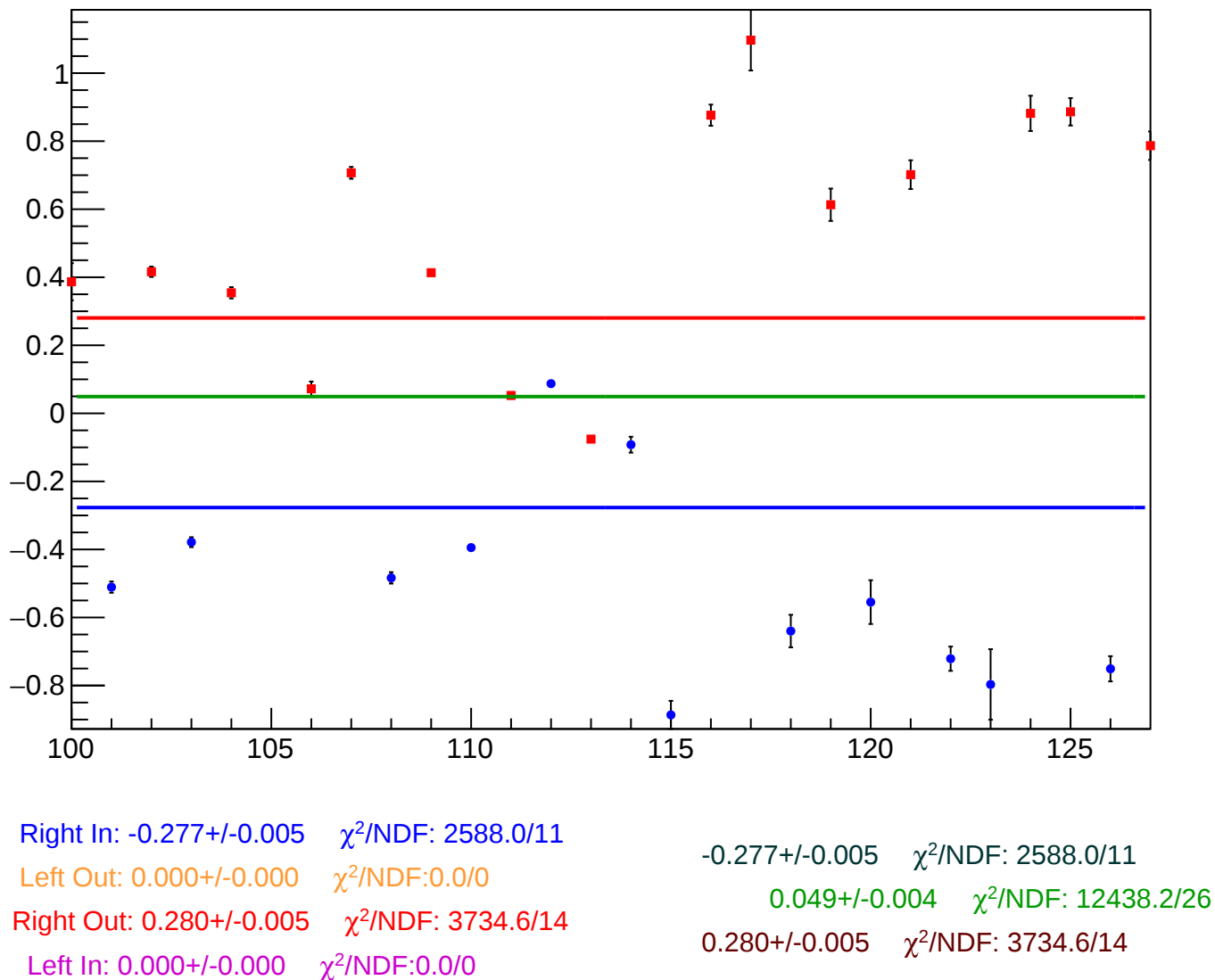
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

43.080 $\pm$ 0.095 χ^2 /NDF: 9254.3/11

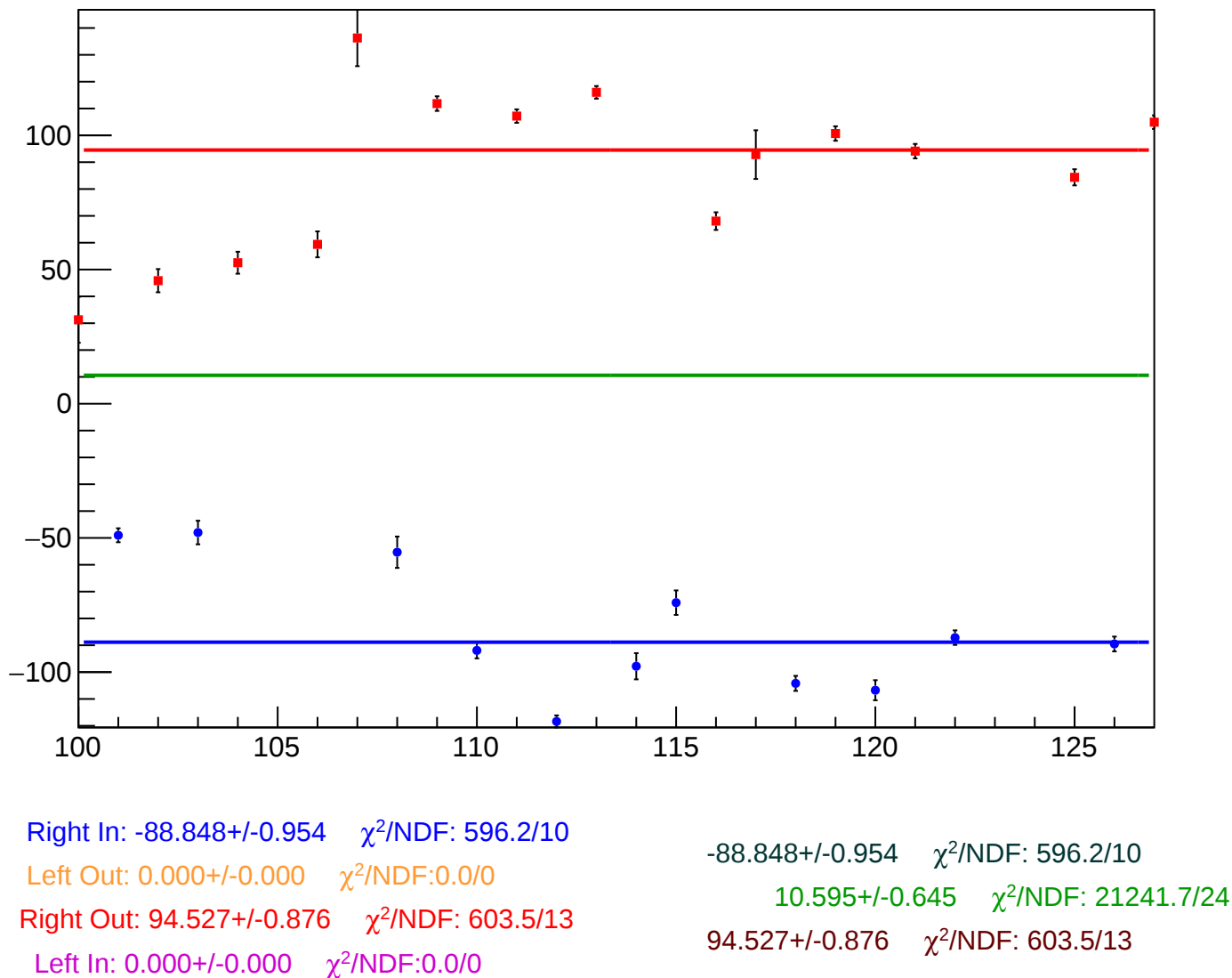
-3.038 $\pm$ 0.063 χ^2 /NDF: 443215.0/26

-39.591 $\pm$ 0.085 χ^2 /NDF: 15579.7/14

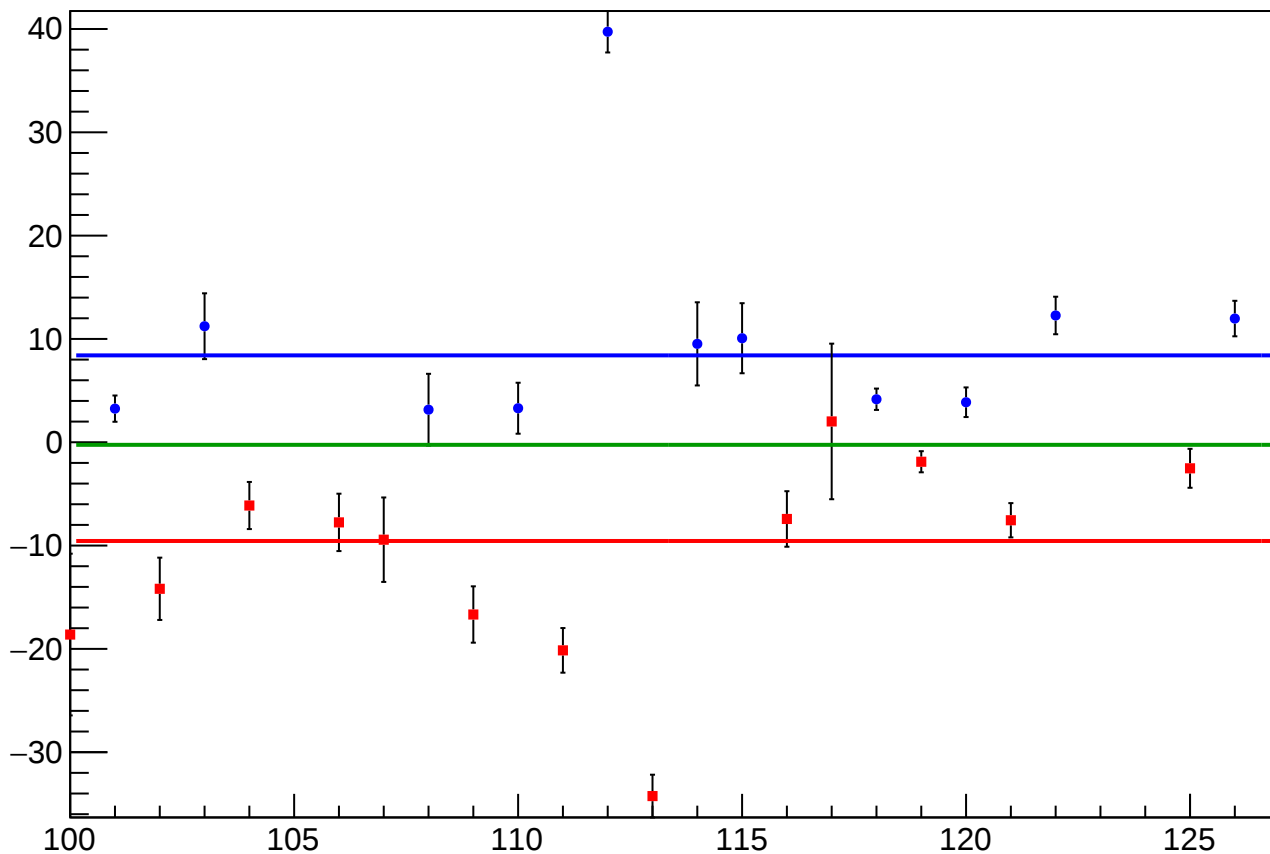
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.409 $\pm$ 0.540 χ^2/NDF : 303.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -9.556 $\pm$ 0.560 χ^2/NDF : 263.8/13

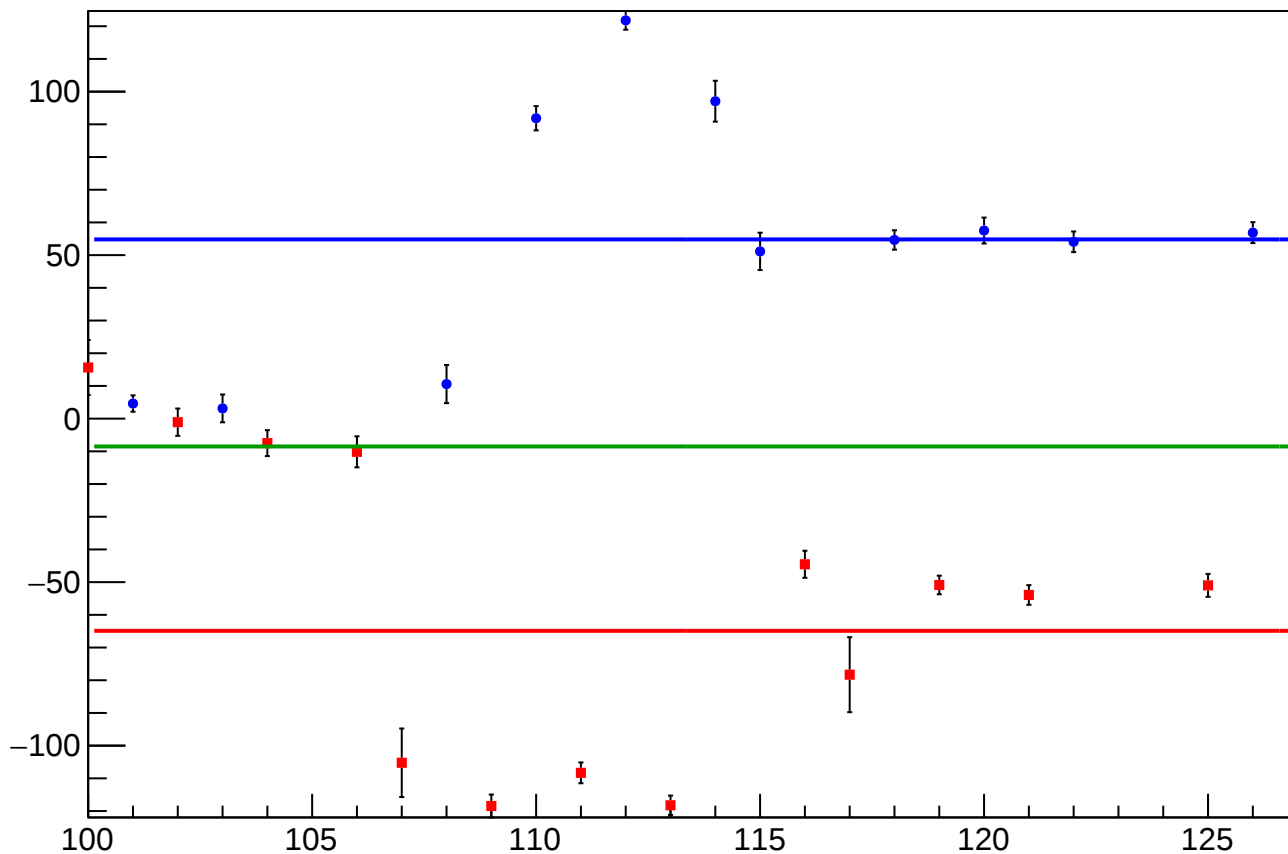
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

8.409 $\pm$ 0.540 χ^2/NDF : 303.6/10

-0.250 $\pm$ 0.389 χ^2/NDF : 1100.4/24

-9.556 $\pm$ 0.560 χ^2/NDF : 263.8/13

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.806+/-1.072 χ^2/NDF : 1304.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.882+/-1.011 χ^2/NDF : 1511.2/13

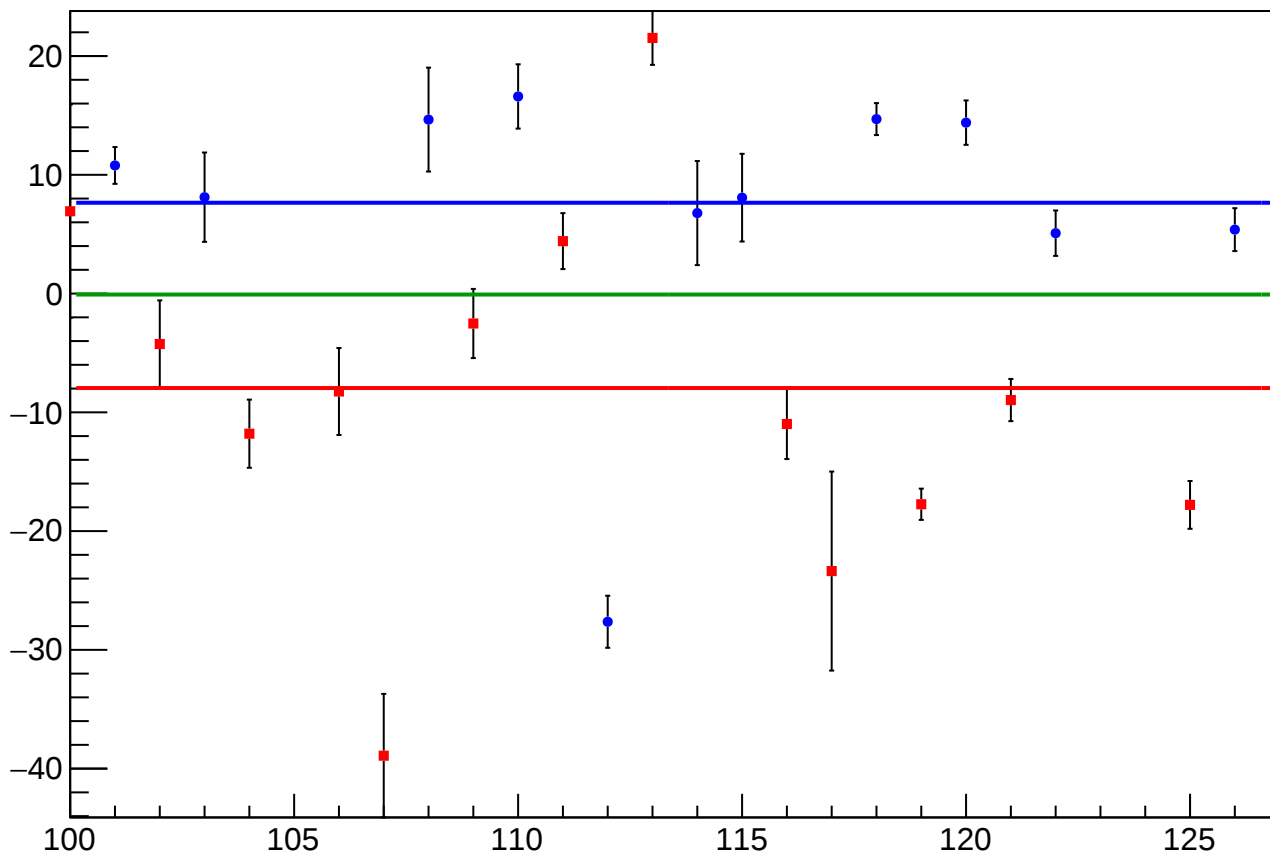
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.806+/-1.072 χ^2/NDF : 1304.9/10

-8.510+/-0.736 χ^2/NDF : 9413.9/24

-64.882+/-1.011 χ^2/NDF : 1511.2/13

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.647 ± 0.642 χ^2/NDF : 320.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.955 ± 0.648 χ^2/NDF : 333.1/13

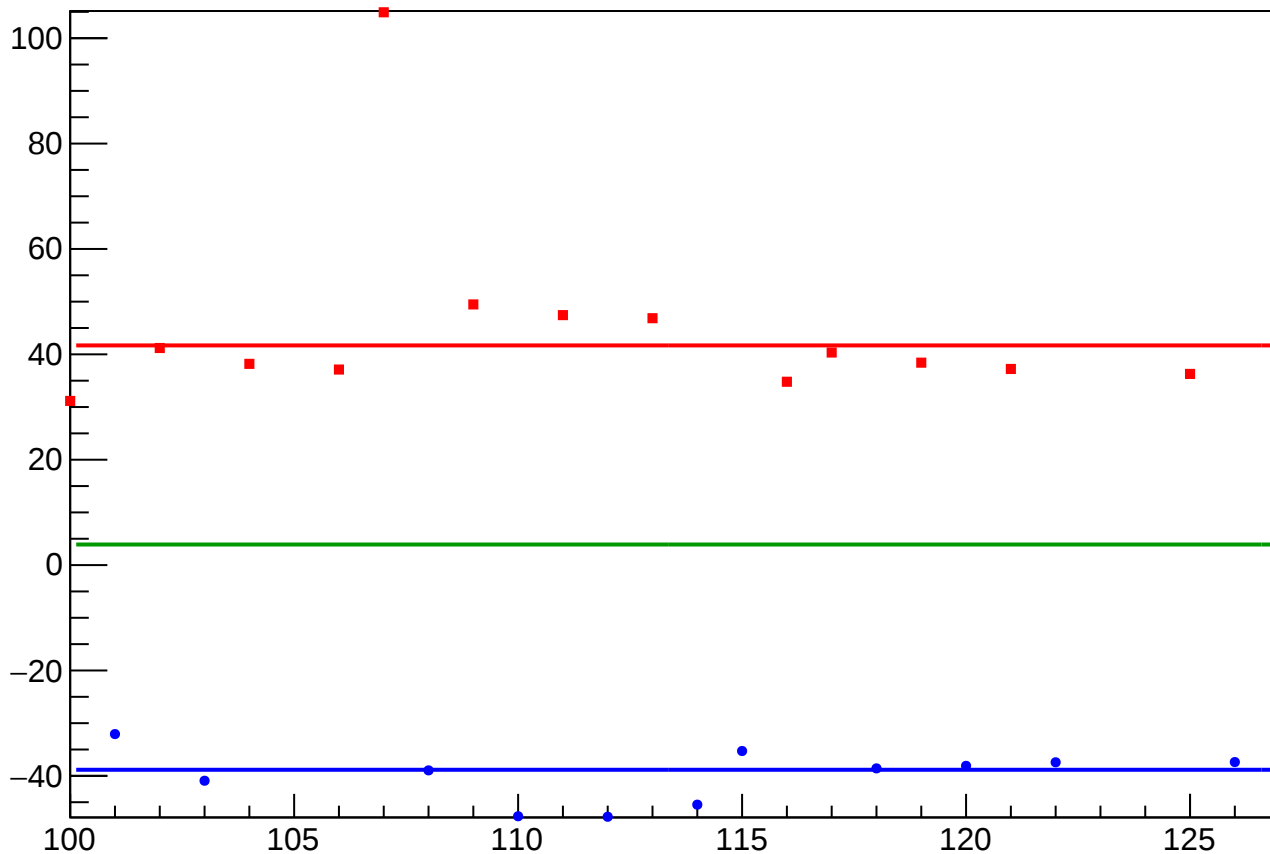
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.647 ± 0.642 χ^2/NDF : 320.4/10

-0.082 ± 0.456 χ^2/NDF : 946.1/24

-7.955 ± 0.648 χ^2/NDF : 333.1/13

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.844 $\pm$ 0.040 χ^2 /NDF: 14018.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.694 $\pm$ 0.038 χ^2 /NDF: 83796.5/13

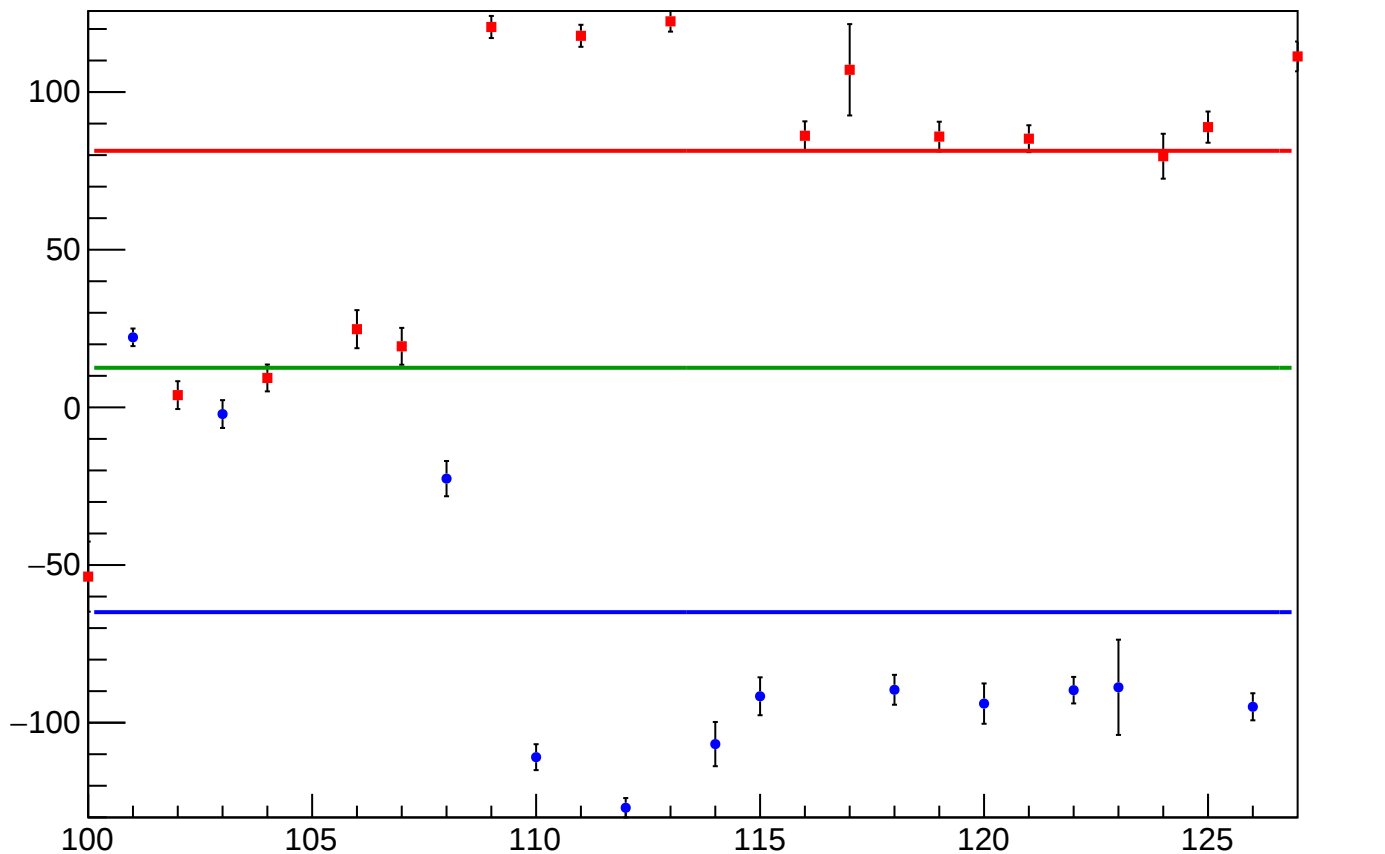
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.844 $\pm$ 0.040 χ^2 /NDF: 14018.5/10

3.909 $\pm$ 0.028 χ^2 /NDF: 2218005.8/24

41.694 $\pm$ 0.038 χ^2 /NDF: 83796.5/13

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.949+/-1.281 χ^2/NDF : 1958.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.363+/-1.207 χ^2/NDF : 1382.9/14

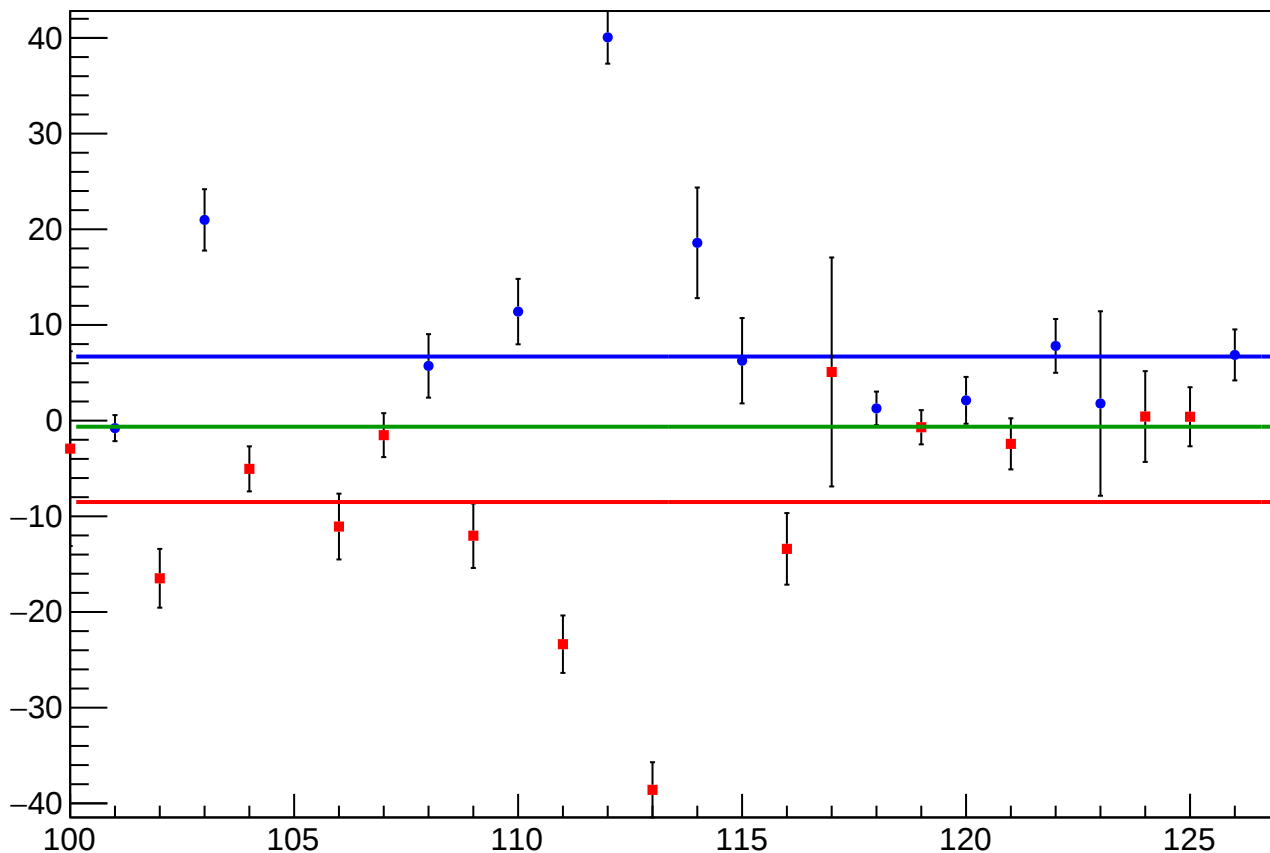
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.949+/-1.281 χ^2/NDF : 1958.9/11

12.554+/-0.879 χ^2/NDF : 10249.0/26

81.363+/-1.207 χ^2/NDF : 1382.9/14

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.700 ± 0.747 χ^2/NDF : 216.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.507 ± 0.773 χ^2/NDF : 193.0/14

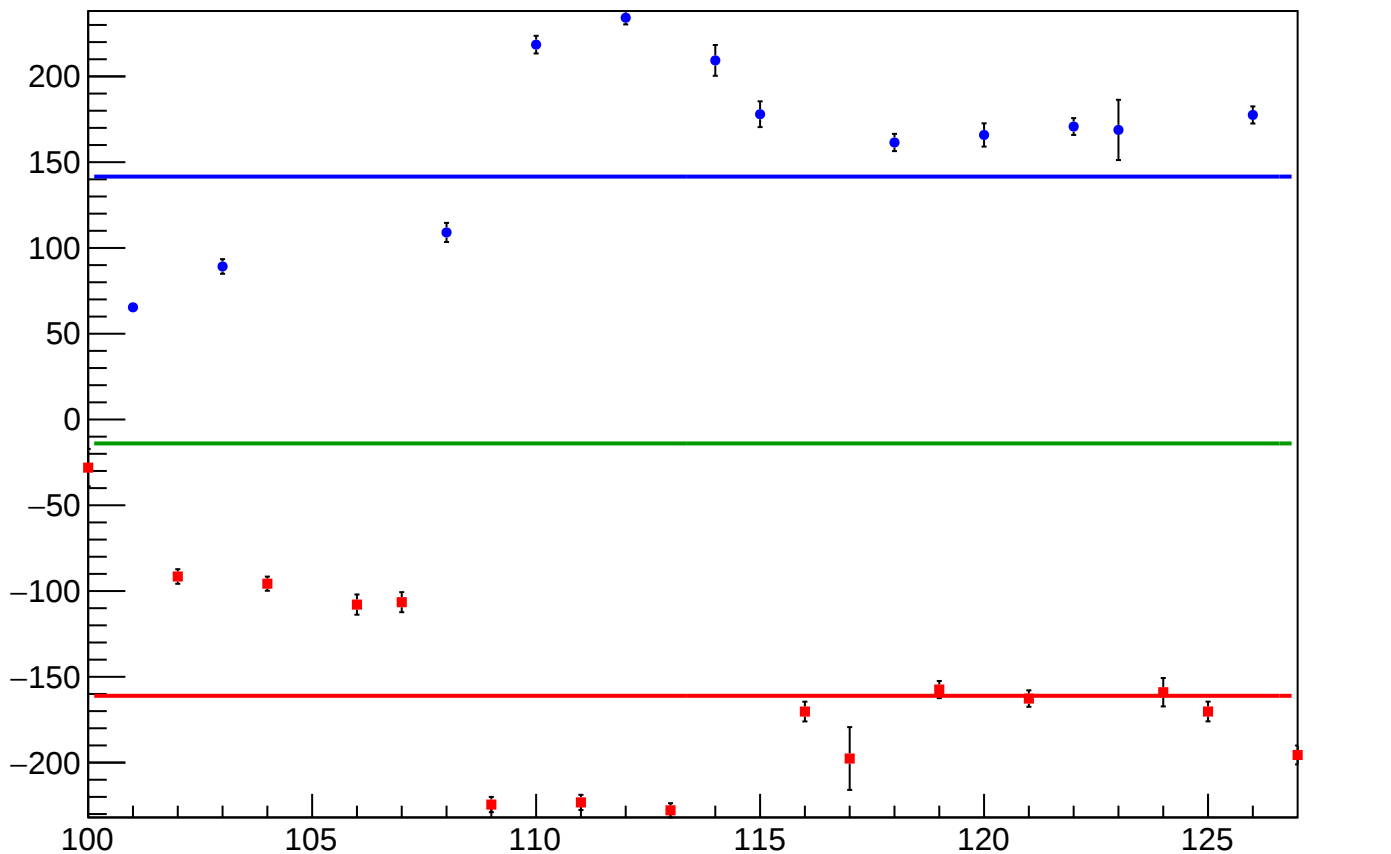
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.700 ± 0.747 χ^2/NDF : 216.6/11

-0.636 ± 0.537 χ^2/NDF : 609.7/26

-8.507 ± 0.773 χ^2/NDF : 193.0/14

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 141.604+/-1.407 χ^2/NDF : 1971.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -161.067+/-1.368 χ^2/NDF : 1541.7/14

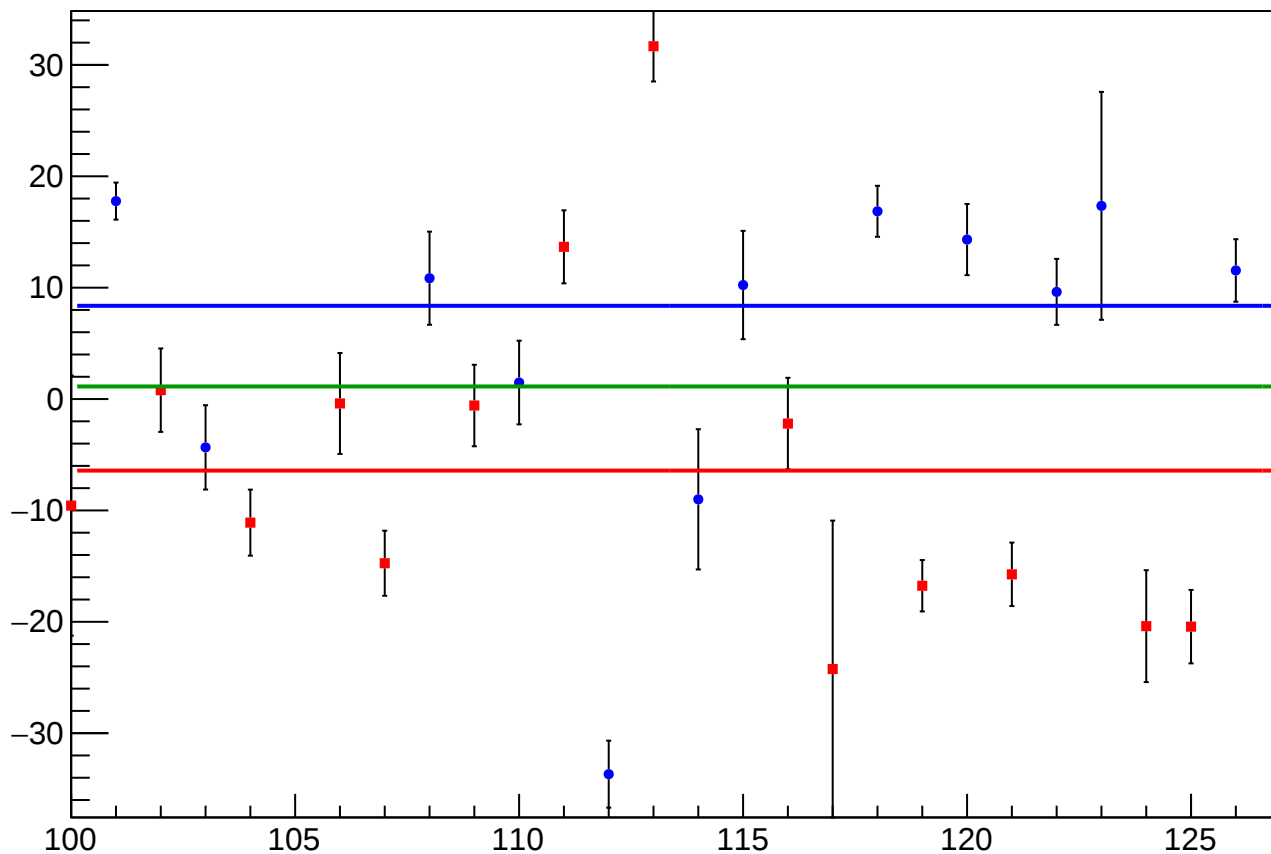
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.604+/-1.407 χ^2/NDF : 1971.7/11

-13.959+/-0.981 χ^2/NDF : 27300.4/26

-161.067+/-1.368 χ^2/NDF : 1541.7/14

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.372 ± 0.885 χ^2/NDF : 269.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.424 ± 0.904 χ^2/NDF : 264.9/14

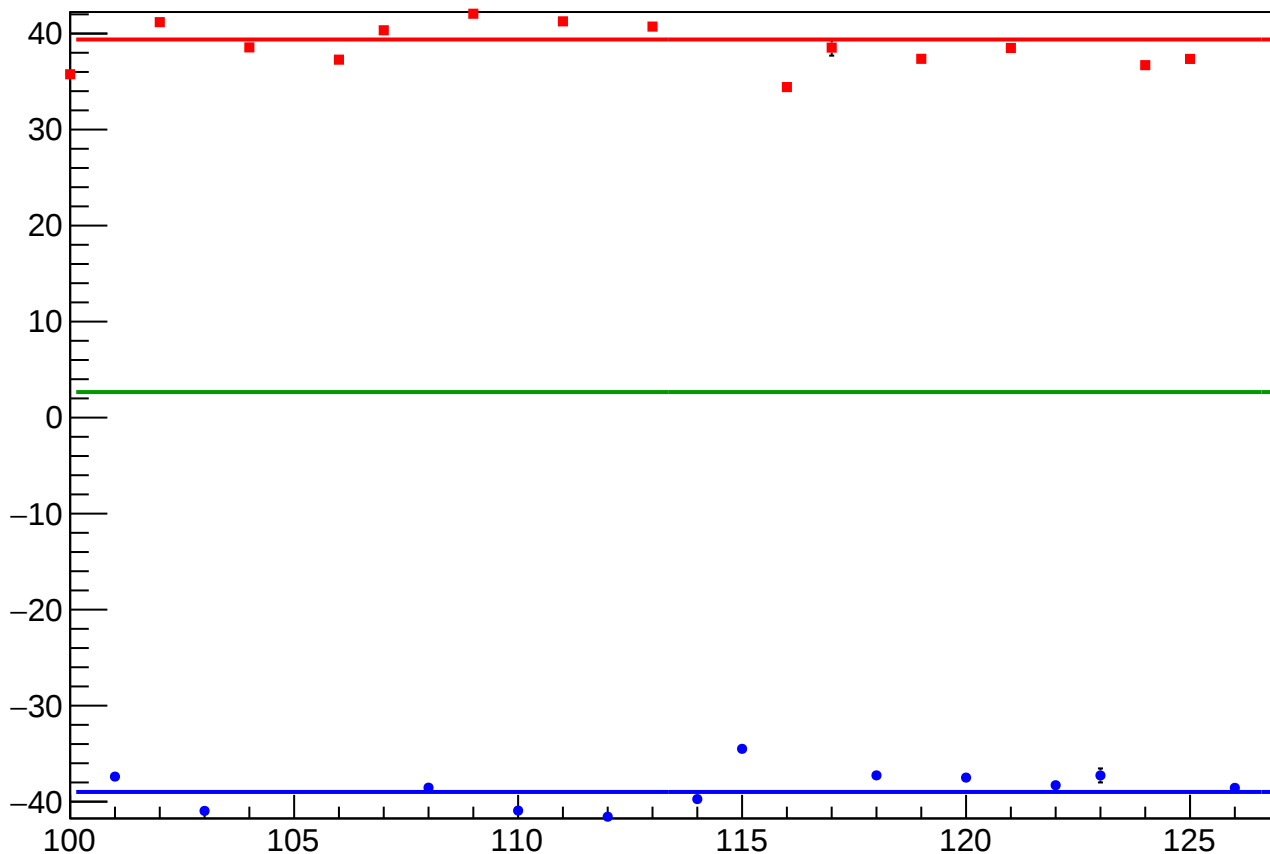
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

8.372 ± 0.885 χ^2/NDF : 269.5/11

1.130 ± 0.632 χ^2/NDF : 671.2/26

-6.424 ± 0.904 χ^2/NDF : 264.9/14

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.989+/-0.049 χ^2/NDF : 1284.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.382+/-0.046 χ^2/NDF : 1697.9/14

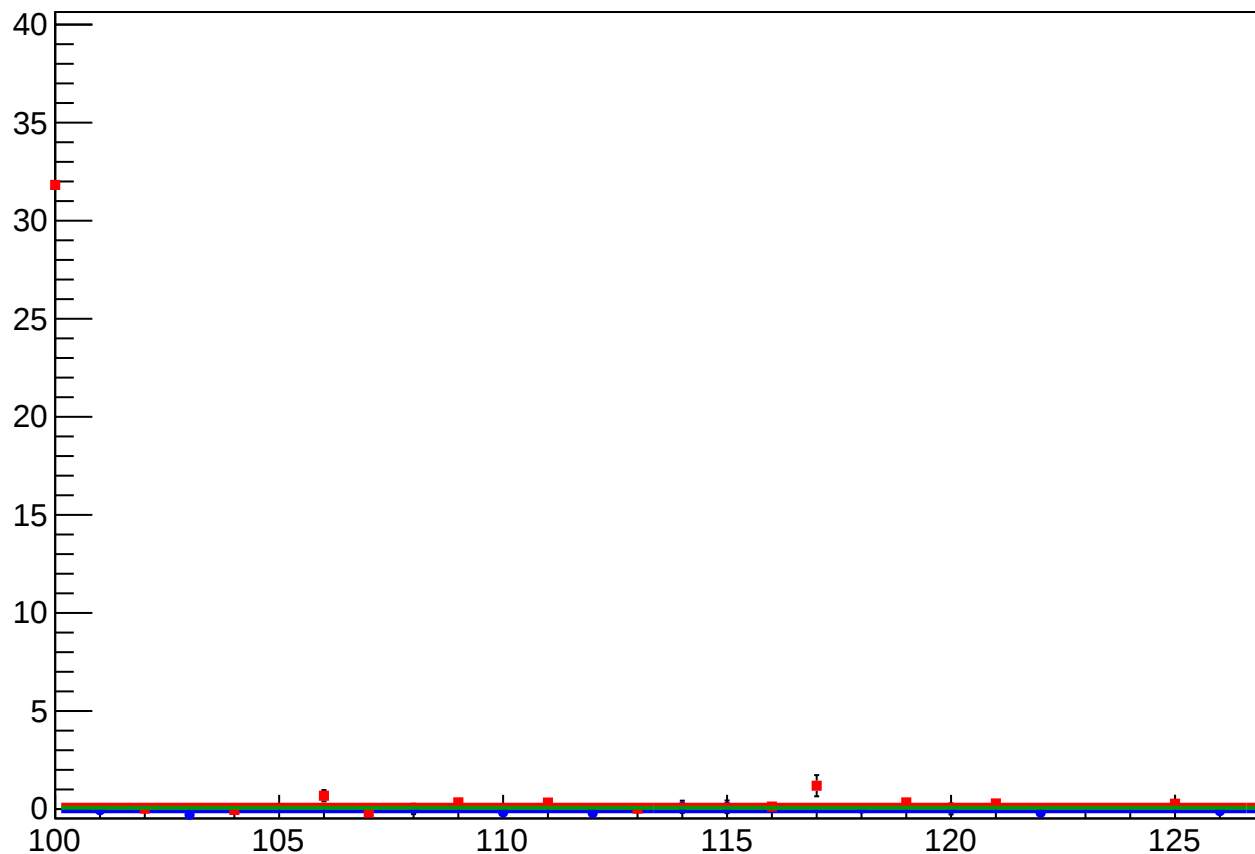
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.989+/-0.049 χ^2/NDF : 1284.5/11

2.661+/-0.033 χ^2/NDF : 1379469.2/26

39.382+/-0.046 χ^2/NDF : 1697.9/14

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected

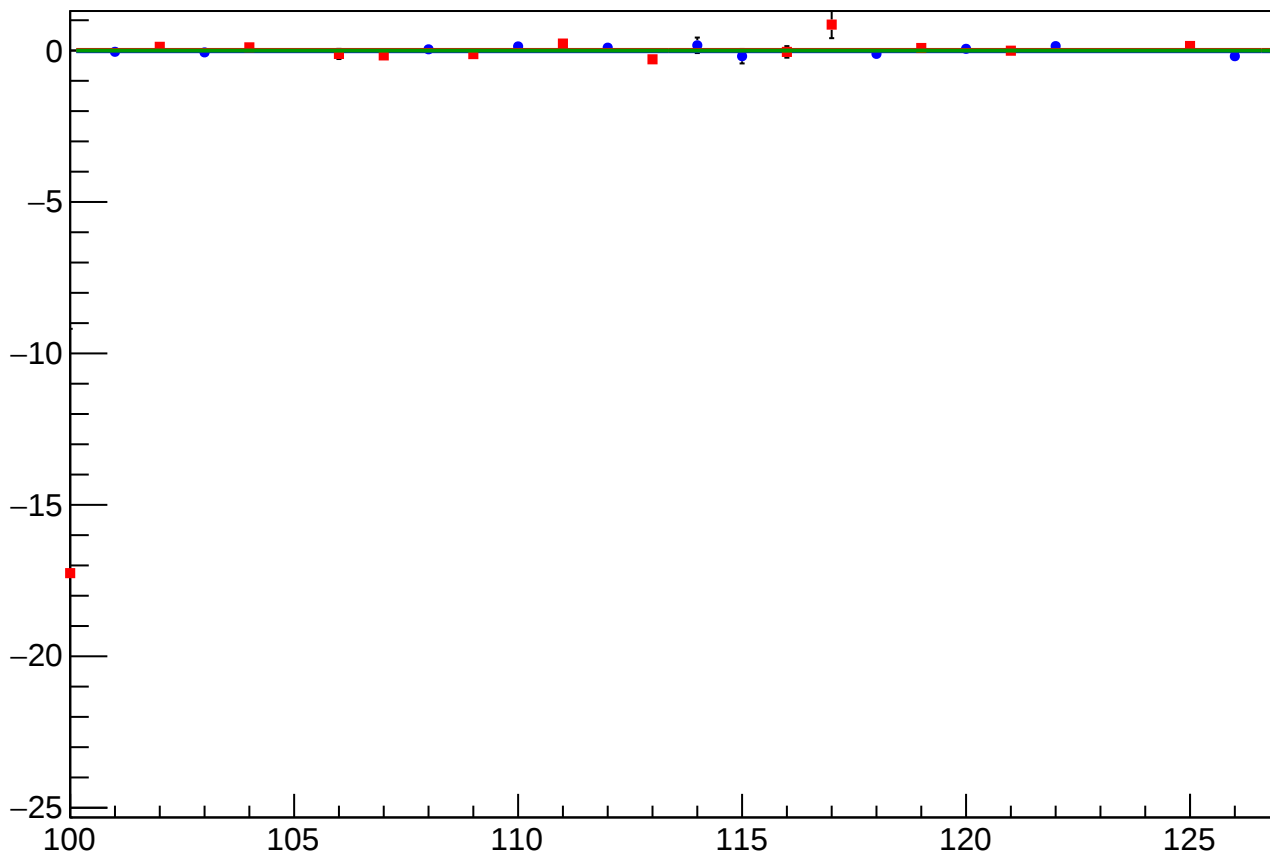


-0.110 ± 0.060 $\chi^2/\text{NDF}: 3.6/10$

0.066 ± 0.041 $\chi^2/\text{NDF}: 46.9/24$

0.221 ± 0.056 $\chi^2/\text{NDF}: 27.1/13$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.021+/-0.035 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.036 χ^2/NDF : 22.5/13

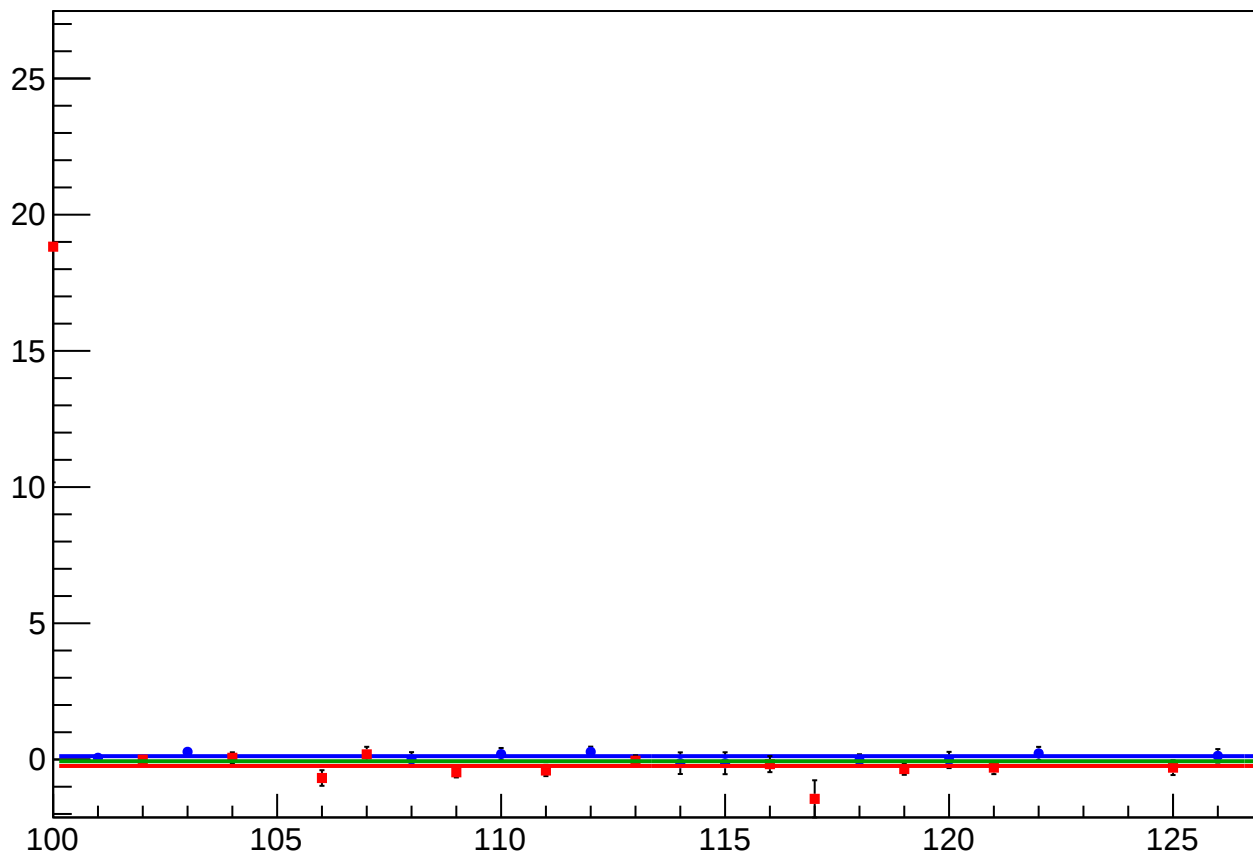
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.035 χ^2/NDF : 8.2/10

-0.002+/-0.025 χ^2/NDF : 31.4/24

0.019+/-0.036 χ^2/NDF : 22.5/13

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.122+/-0.066 χ^2 /NDF: 3.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.238+/-0.064 χ^2 /NDF: 20.7/13

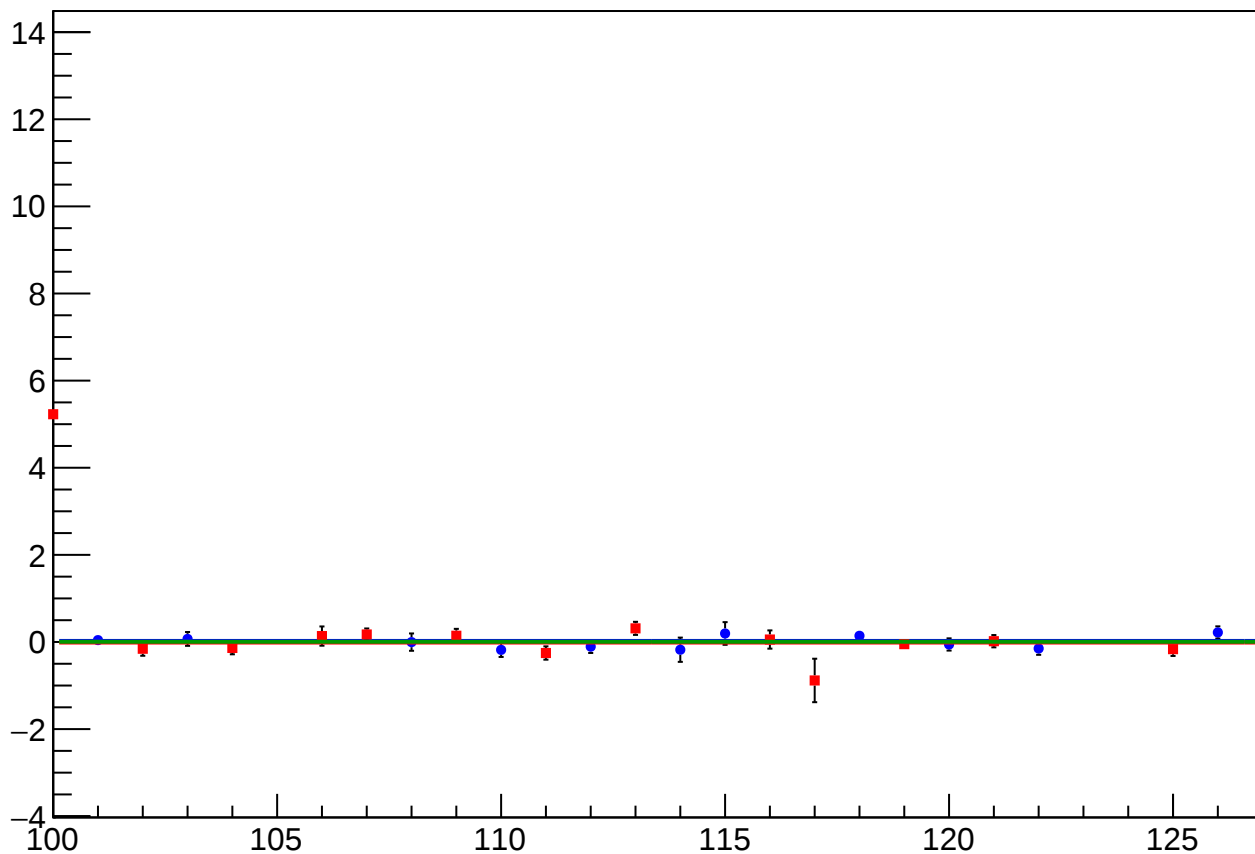
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.122+/-0.066 χ^2 /NDF: 3.8/10

-0.064+/-0.046 χ^2 /NDF: 39.8/24

-0.238+/-0.064 χ^2 /NDF: 20.7/13

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.041 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.013 $\pm$ 0.042 χ^2 /NDF: 16.5/13

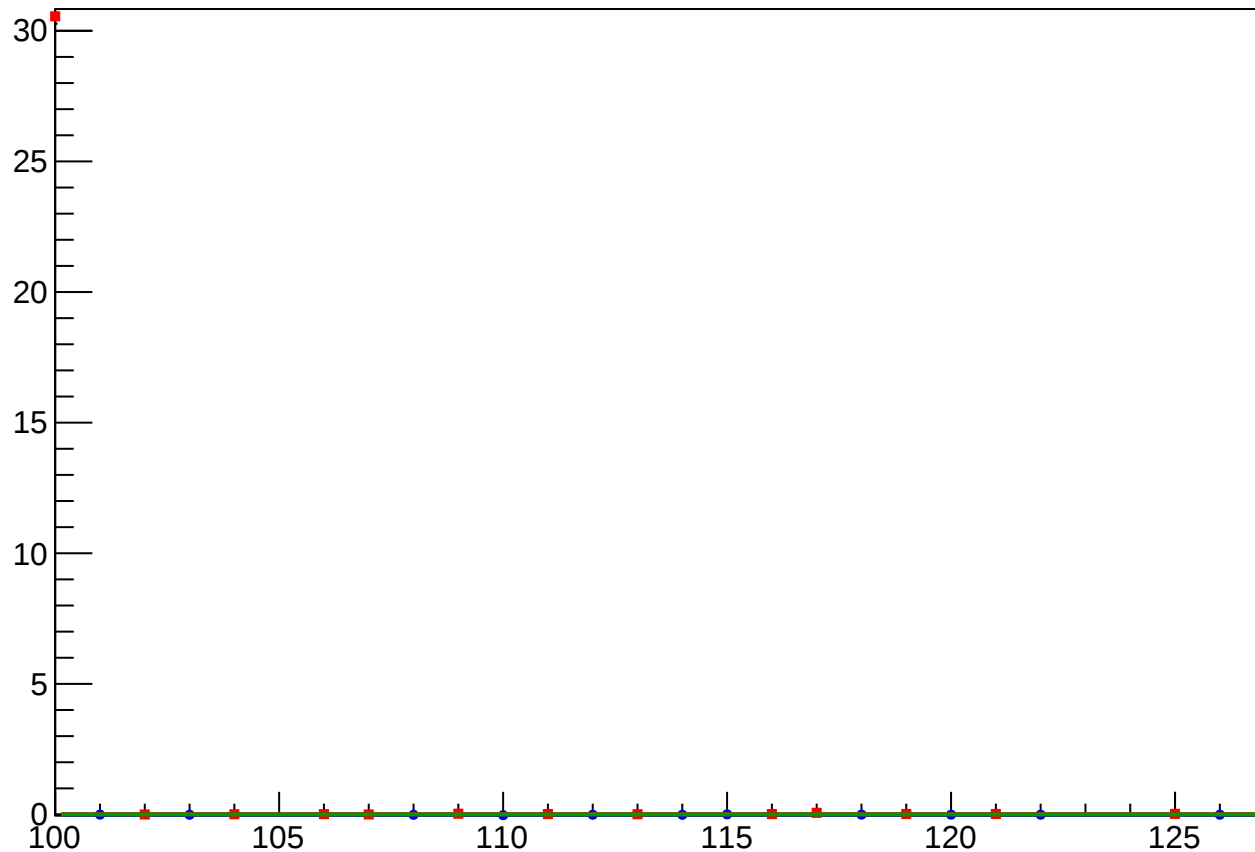
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.024 $\pm$ 0.041 χ^2 /NDF: 8.7/10

0.006 $\pm$ 0.030 χ^2 /NDF: 25.6/24

-0.013 $\pm$ 0.042 χ^2 /NDF: 16.5/13

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.002 χ^2/NDF : 4.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.002 χ^2/NDF : 11887.0/13

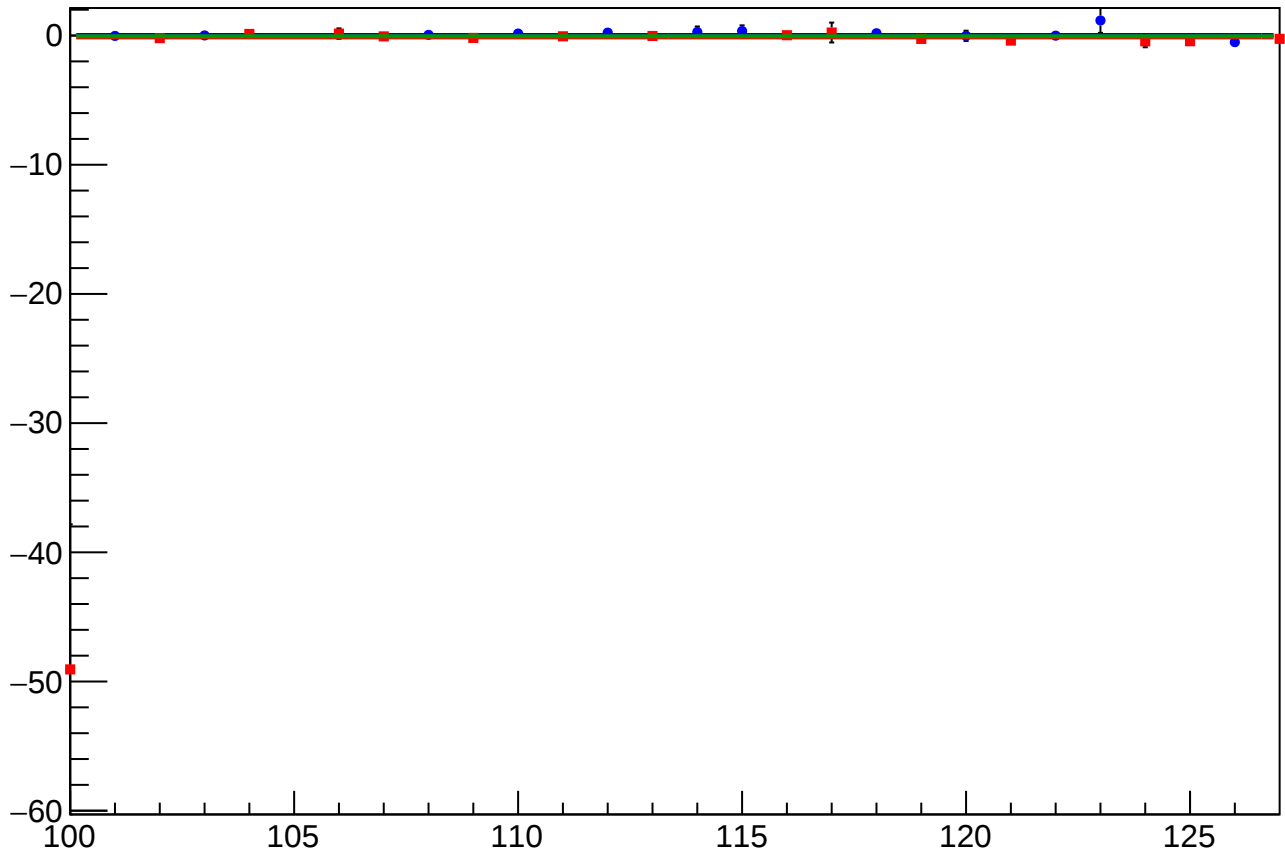
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.009+/-0.002 χ^2/NDF : 4.5/10

0.002+/-0.002 χ^2/NDF : 11939.4/24

0.012+/-0.002 χ^2/NDF : 11887.0/13

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.043 $\pm$ 0.076 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.144 $\pm$ 0.074 χ^2 /NDF: 24.1/14

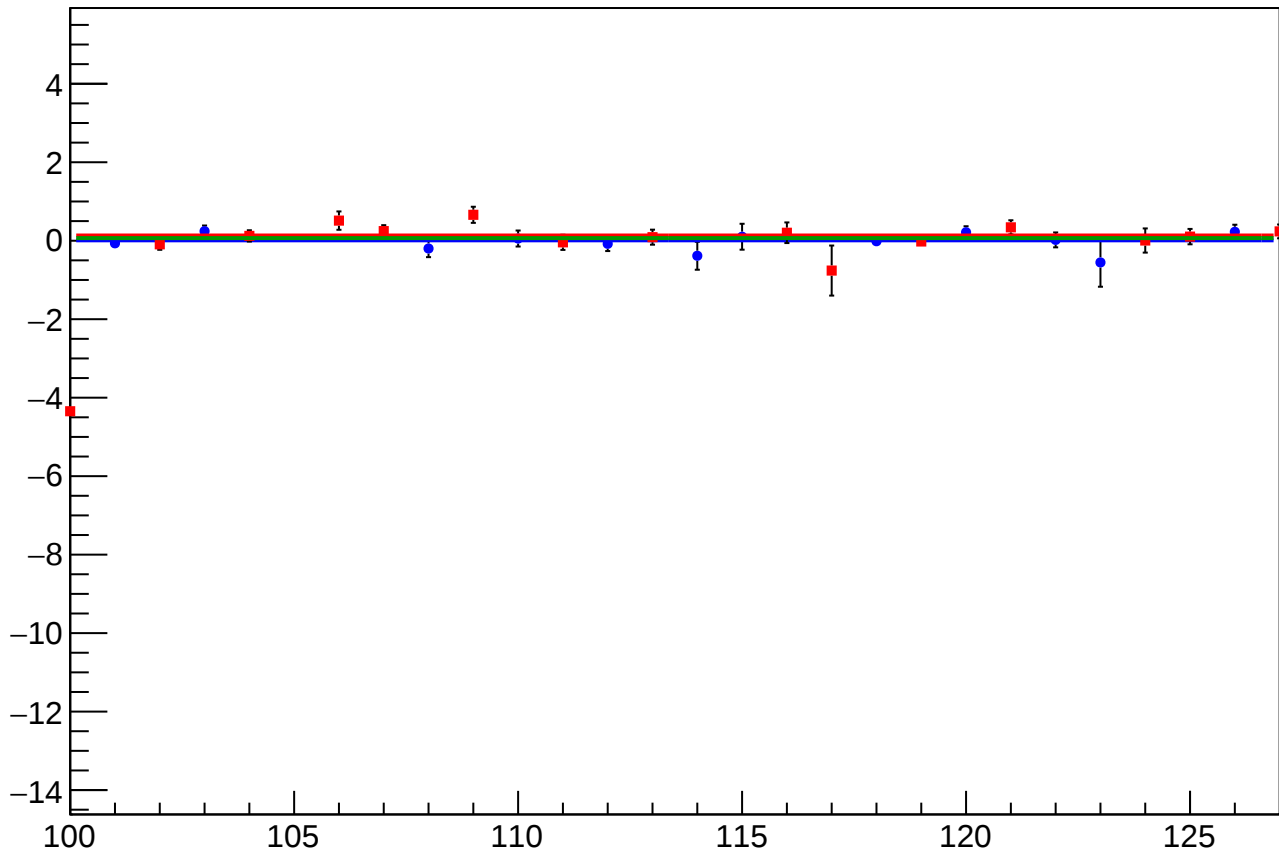
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.043 $\pm$ 0.076 χ^2 /NDF: 7.3/11

-0.053 $\pm$ 0.053 χ^2 /NDF: 34.5/26

-0.144 $\pm$ 0.074 χ^2 /NDF: 24.1/14

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.044 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.133+/-0.048 χ^2/NDF : 19.3/14

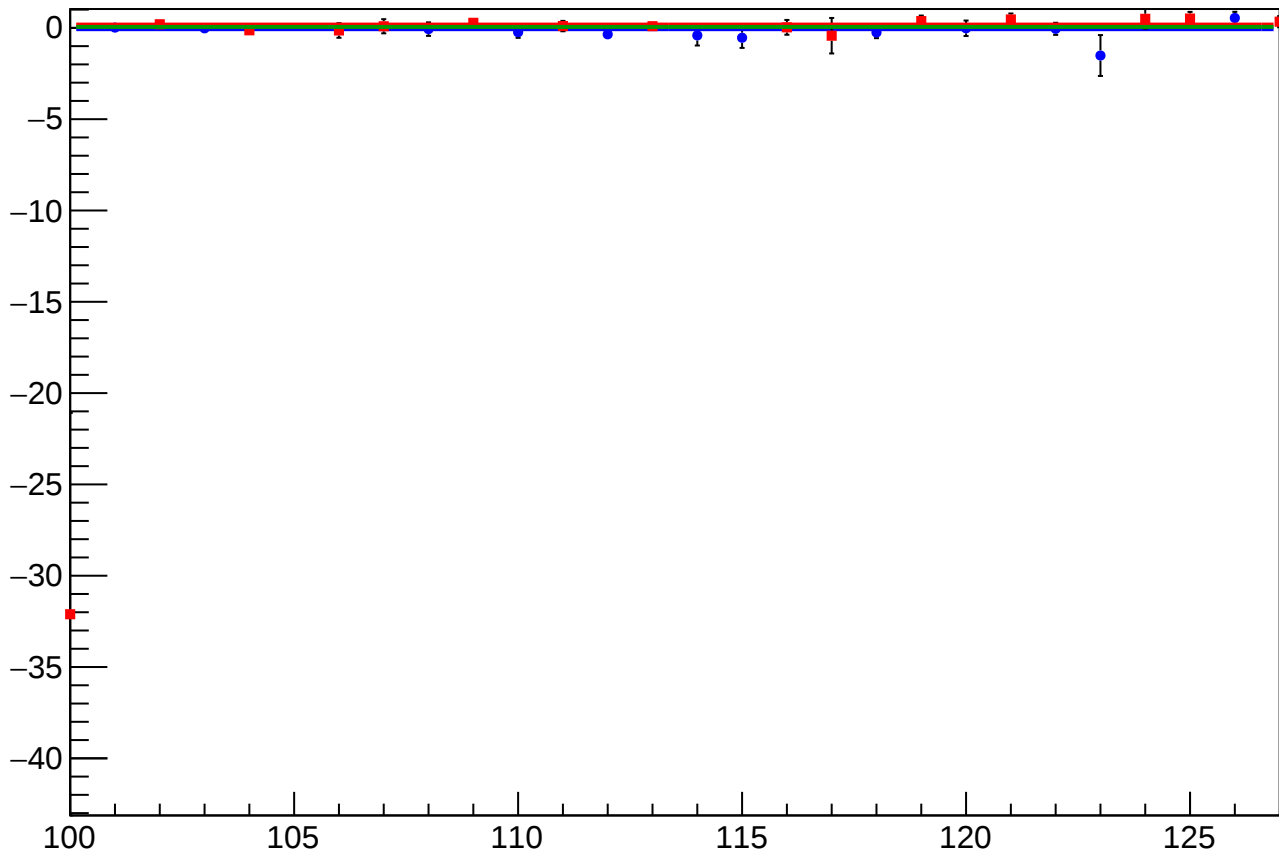
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.044 χ^2/NDF : 10.4/11

0.066+/-0.032 χ^2/NDF : 33.3/26

0.133+/-0.048 χ^2/NDF : 19.3/14

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.071 ± 0.081 χ^2/NDF : 8.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.180 ± 0.083 χ^2/NDF : 14.4/14

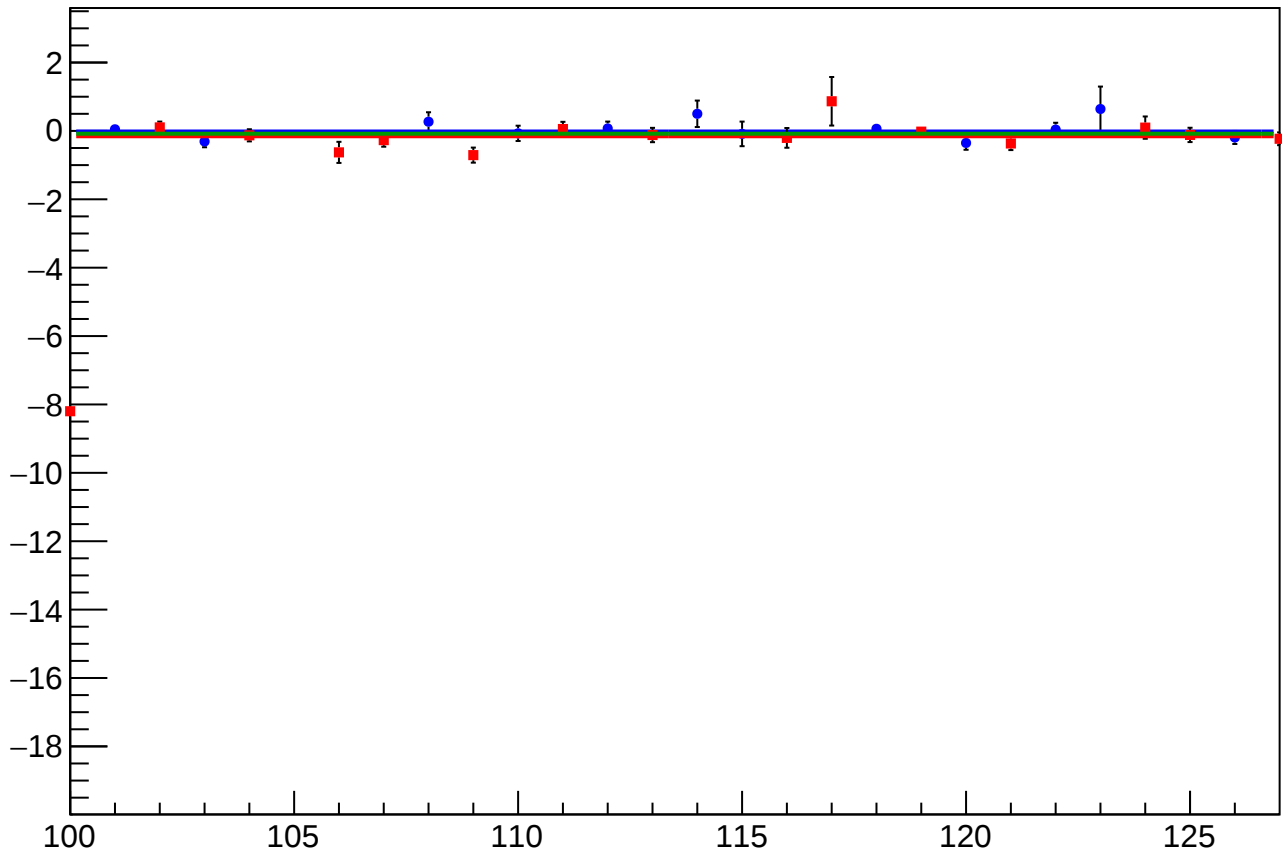
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.071 ± 0.081 χ^2/NDF : 8.3/11

0.052 ± 0.058 χ^2/NDF : 27.4/26

0.180 ± 0.083 χ^2/NDF : 14.4/14

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.017 ± 0.052 χ^2/NDF : 11.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.157 ± 0.056 χ^2/NDF : 17.8/14

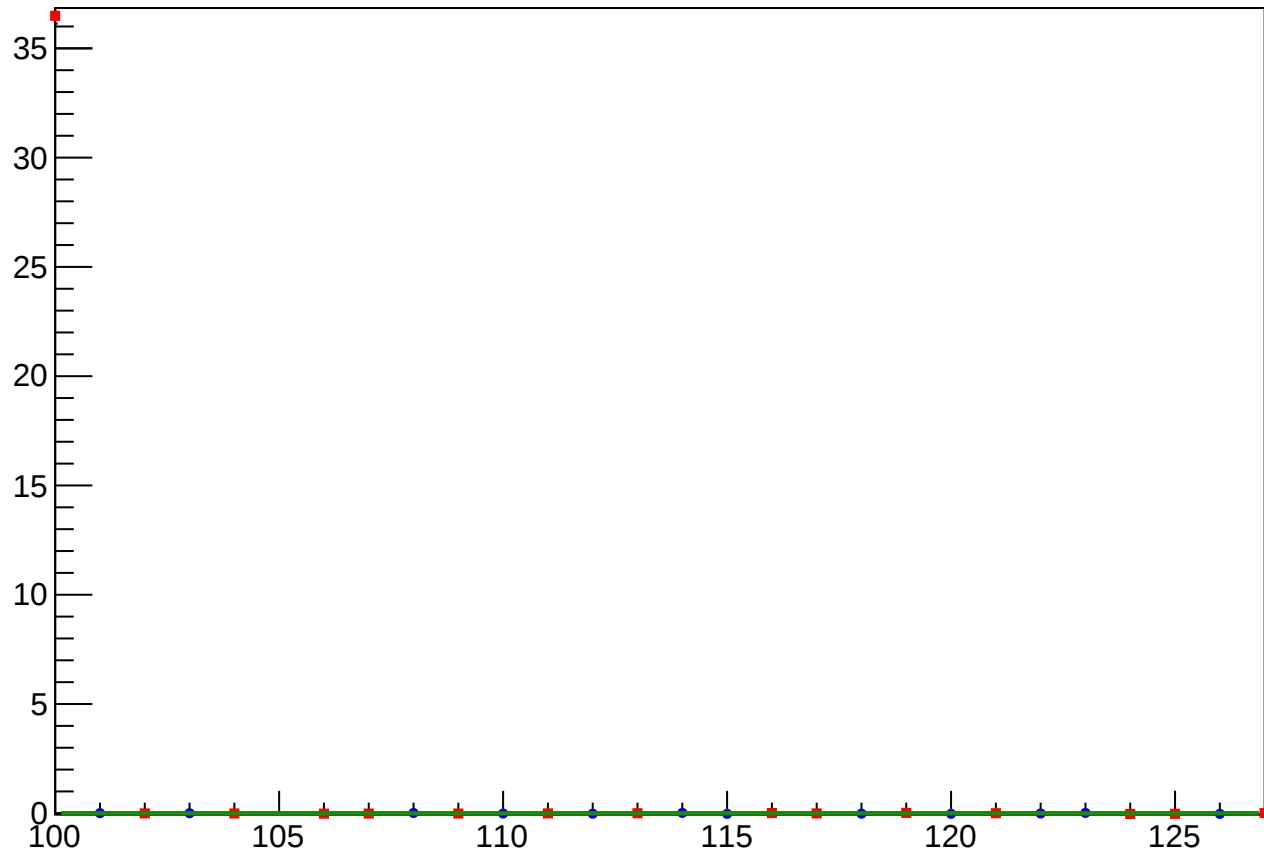
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.017 ± 0.052 χ^2/NDF : 11.7/11

-0.082 ± 0.038 χ^2/NDF : 32.9/26

-0.157 ± 0.056 χ^2/NDF : 17.8/14

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.003 χ^2/NDF : 17.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.003 χ^2/NDF : 10441.9/14

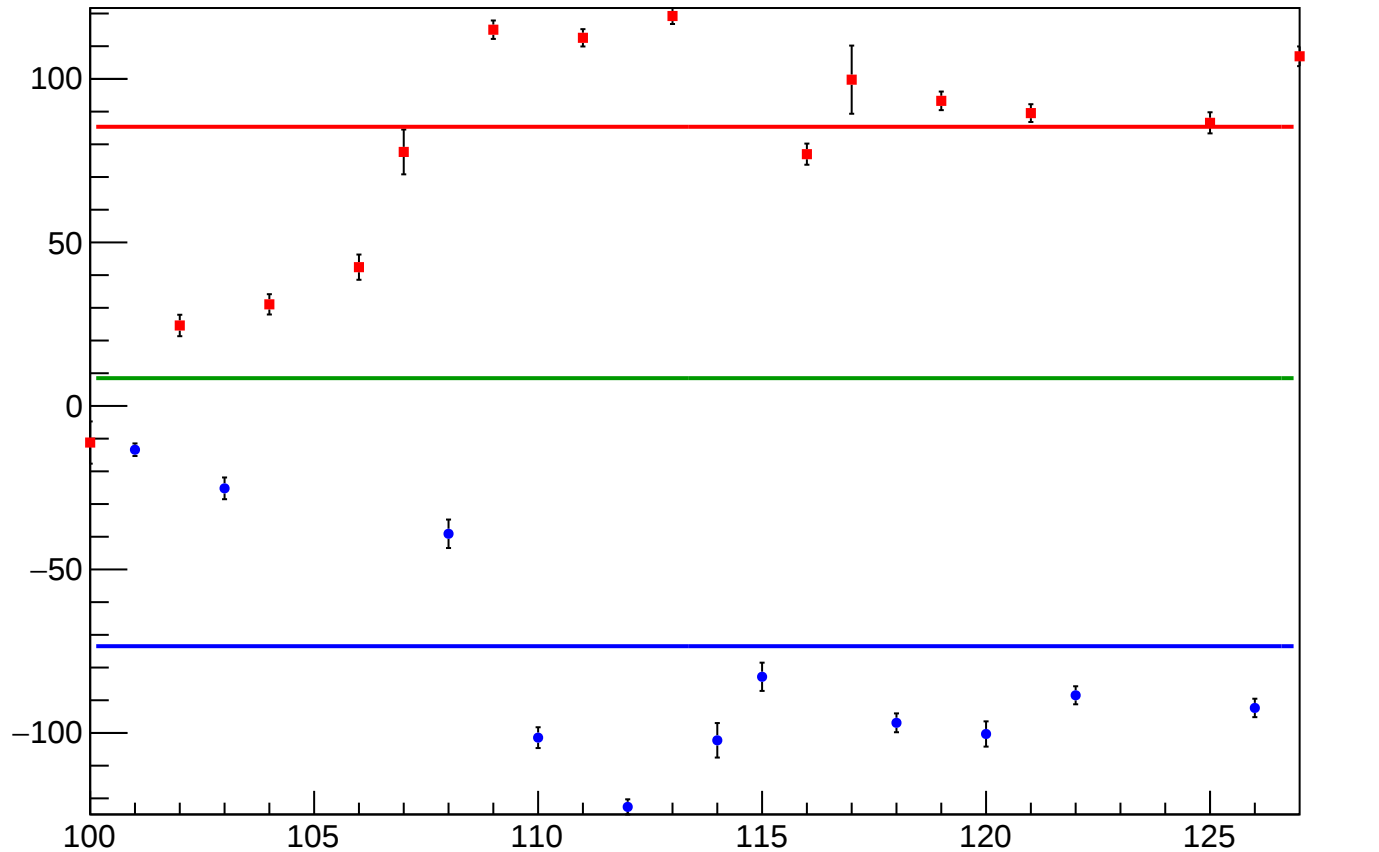
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.003 χ^2/NDF : 17.8/11

-0.001+/-0.002 χ^2/NDF : 10461.8/26

-0.004+/-0.003 χ^2/NDF : 10441.9/14

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -73.467 ± 0.900 χ^2/NDF : 2000.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 85.363 ± 0.872 χ^2/NDF : 1477.1/13

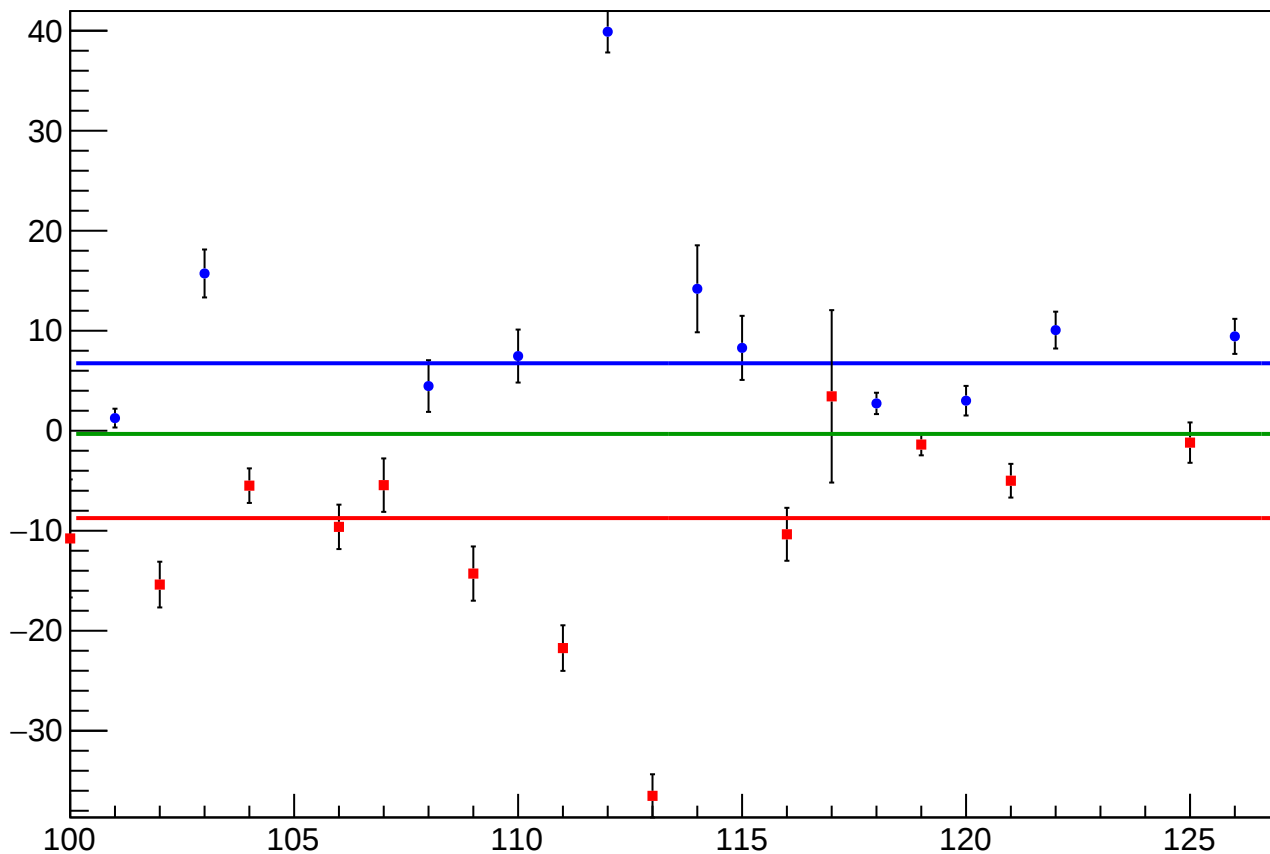
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-73.467 ± 0.900 χ^2/NDF : 2000.6/10

8.493 ± 0.626 χ^2/NDF : 19537.3/24

85.363 ± 0.872 χ^2/NDF : 1477.1/13

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.747 ± 0.504 $\chi^2/\text{NDF}: 333.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.736 ± 0.550 $\chi^2/\text{NDF}: 283.9/13$

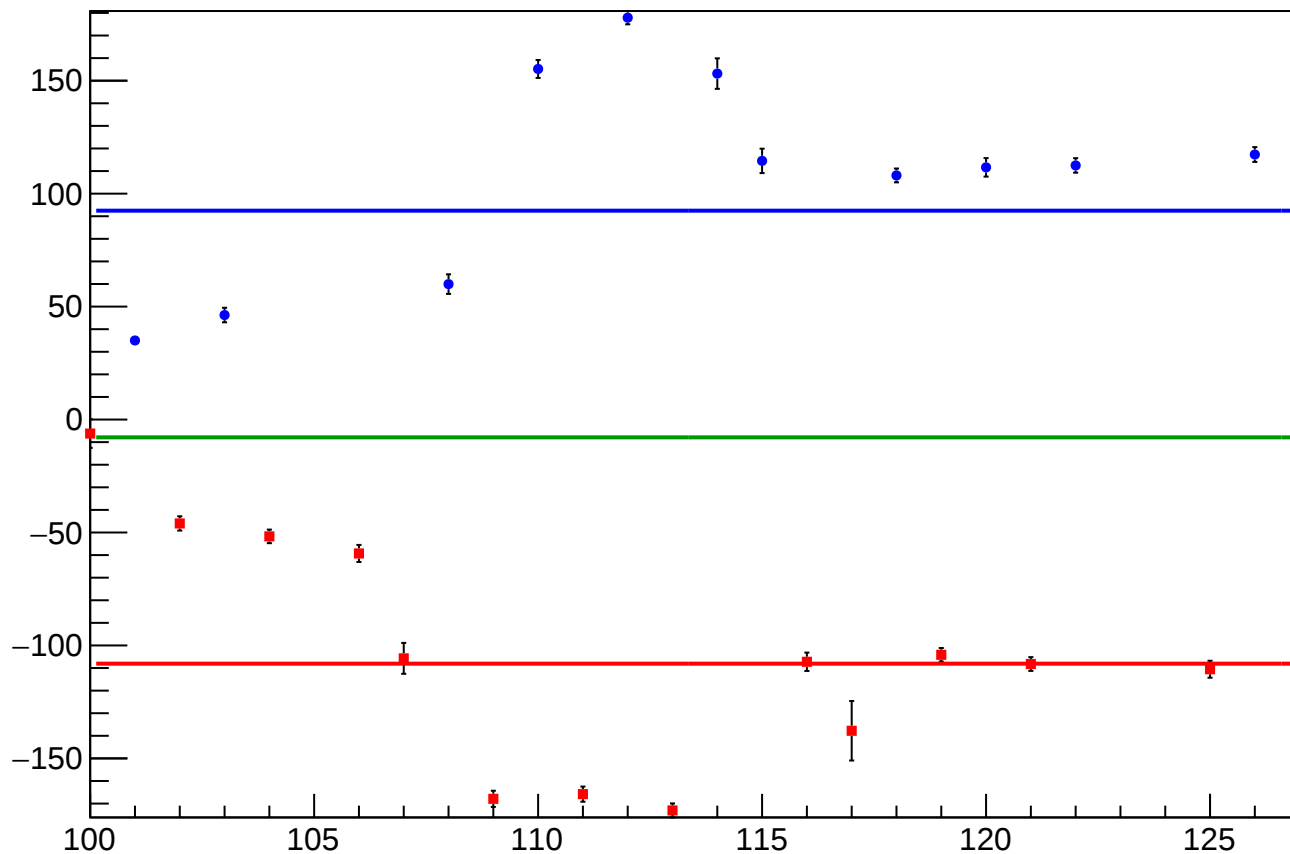
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

6.747 ± 0.504 $\chi^2/\text{NDF}: 333.9/10$

-0.318 ± 0.372 $\chi^2/\text{NDF}: 1048.2/24$

-8.736 ± 0.550 $\chi^2/\text{NDF}: 283.9/13$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 92.462 $\pm$ 0.984 χ^2 /NDF: 2554.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -108.060 $\pm$ 0.983 χ^2 /NDF: 2233.4/13

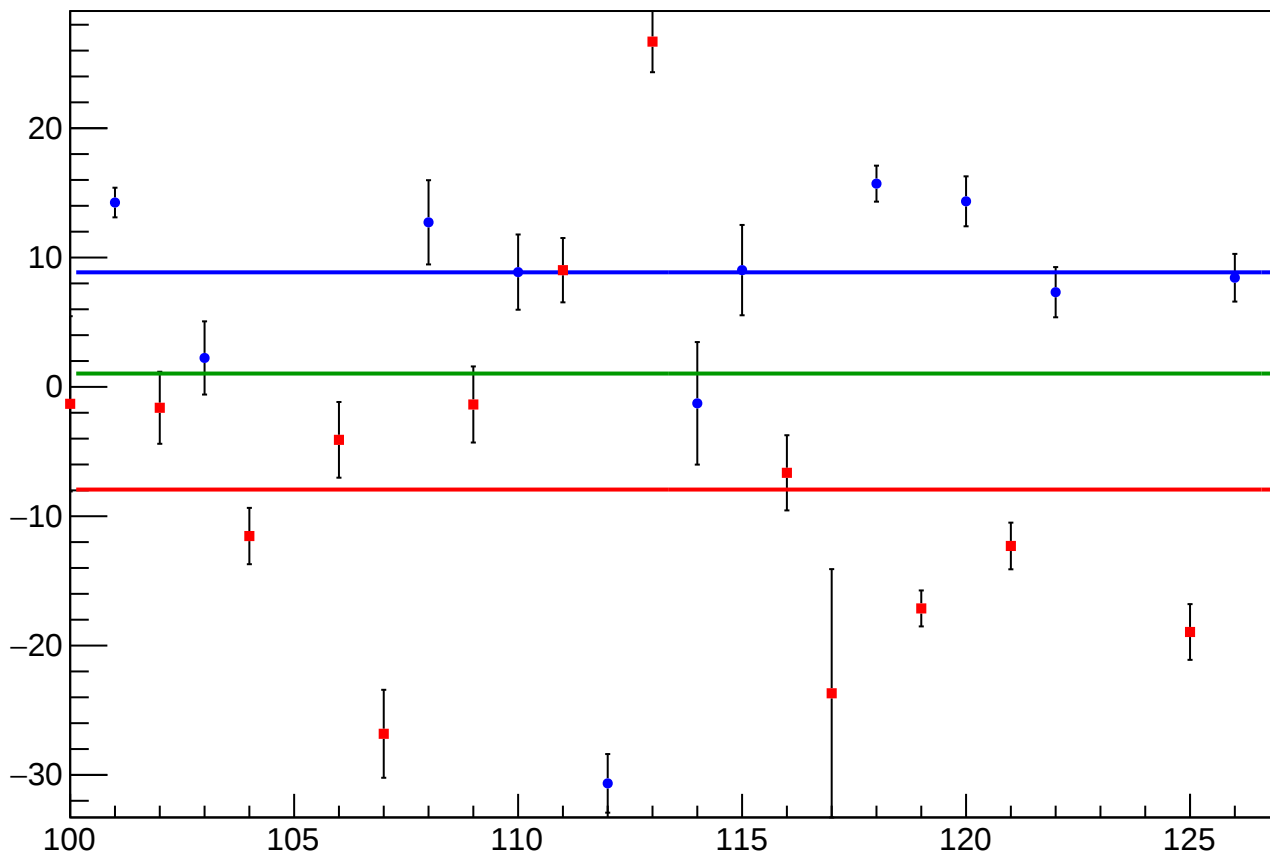
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

92.462 $\pm$ 0.984 χ^2 /NDF: 2554.3/10

-7.884 $\pm$ 0.696 χ^2 /NDF: 25557.6/24

-108.060 $\pm$ 0.983 χ^2 /NDF: 2233.4/13

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.857 ± 0.602 χ^2/NDF : 370.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.937 ± 0.644 χ^2/NDF : 385.9/13

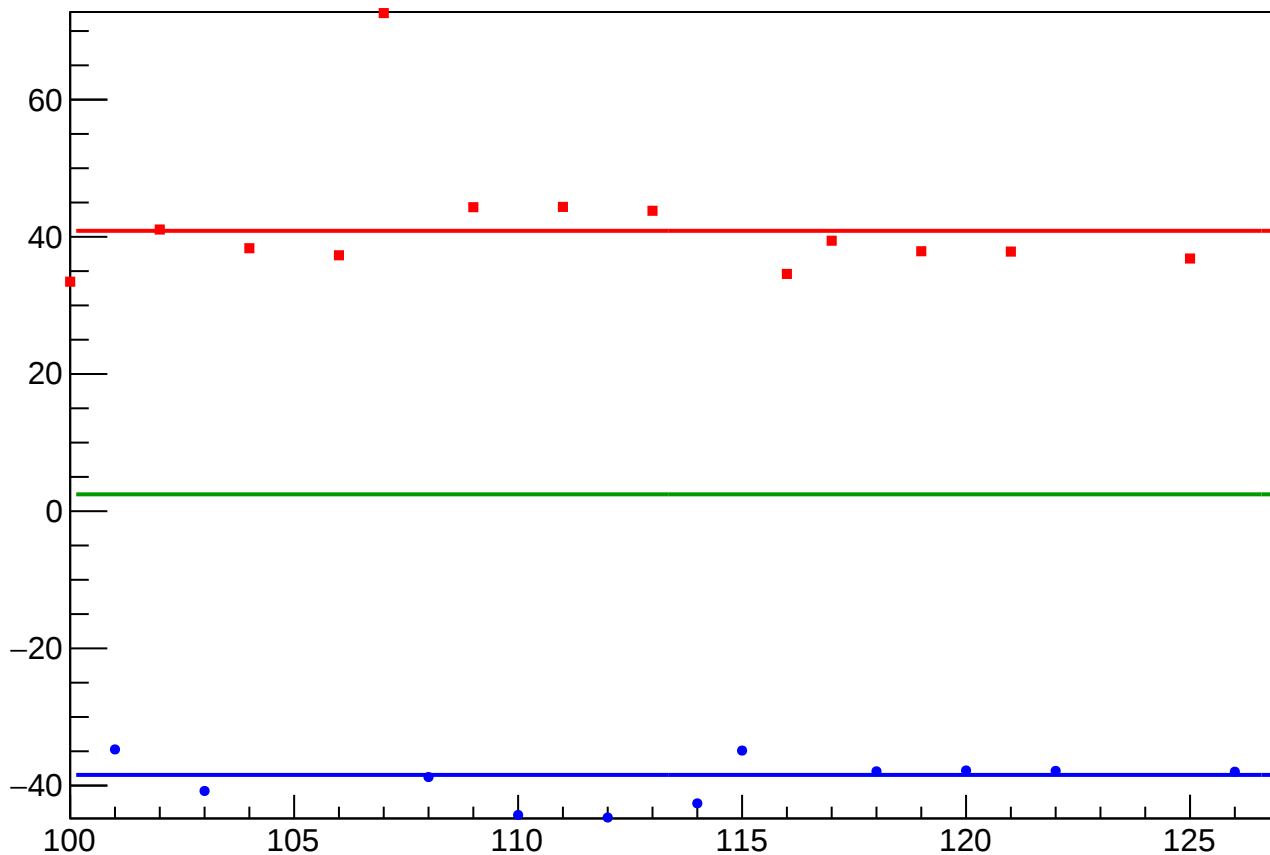
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

8.857 ± 0.602 χ^2/NDF : 370.6/10

1.032 ± 0.440 χ^2/NDF : 1119.7/24

-7.937 ± 0.644 χ^2/NDF : 385.9/13

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.445 $\pm$ 0.035 χ^2 /NDF: 7601.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.875 $\pm$ 0.034 χ^2 /NDF: 49097.6/13

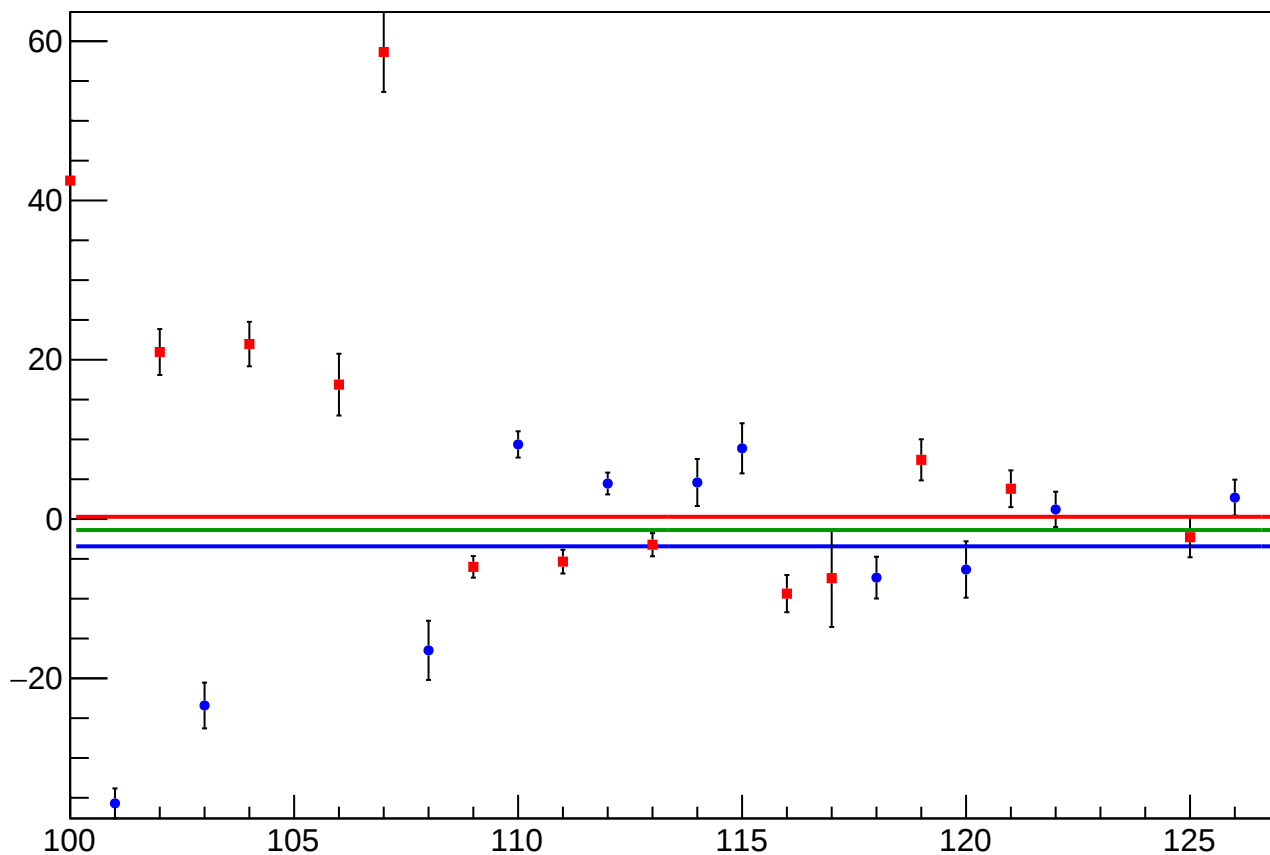
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.445 $\pm$ 0.035 χ^2 /NDF: 7601.8/10

2.458 $\pm$ 0.024 χ^2 /NDF: 2742086.0/24

40.875 $\pm$ 0.034 χ^2 /NDF: 49097.6/13

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.424+/-0.672 χ^2 /NDF: 483.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.284+/-0.606 χ^2 /NDF: 375.6/13

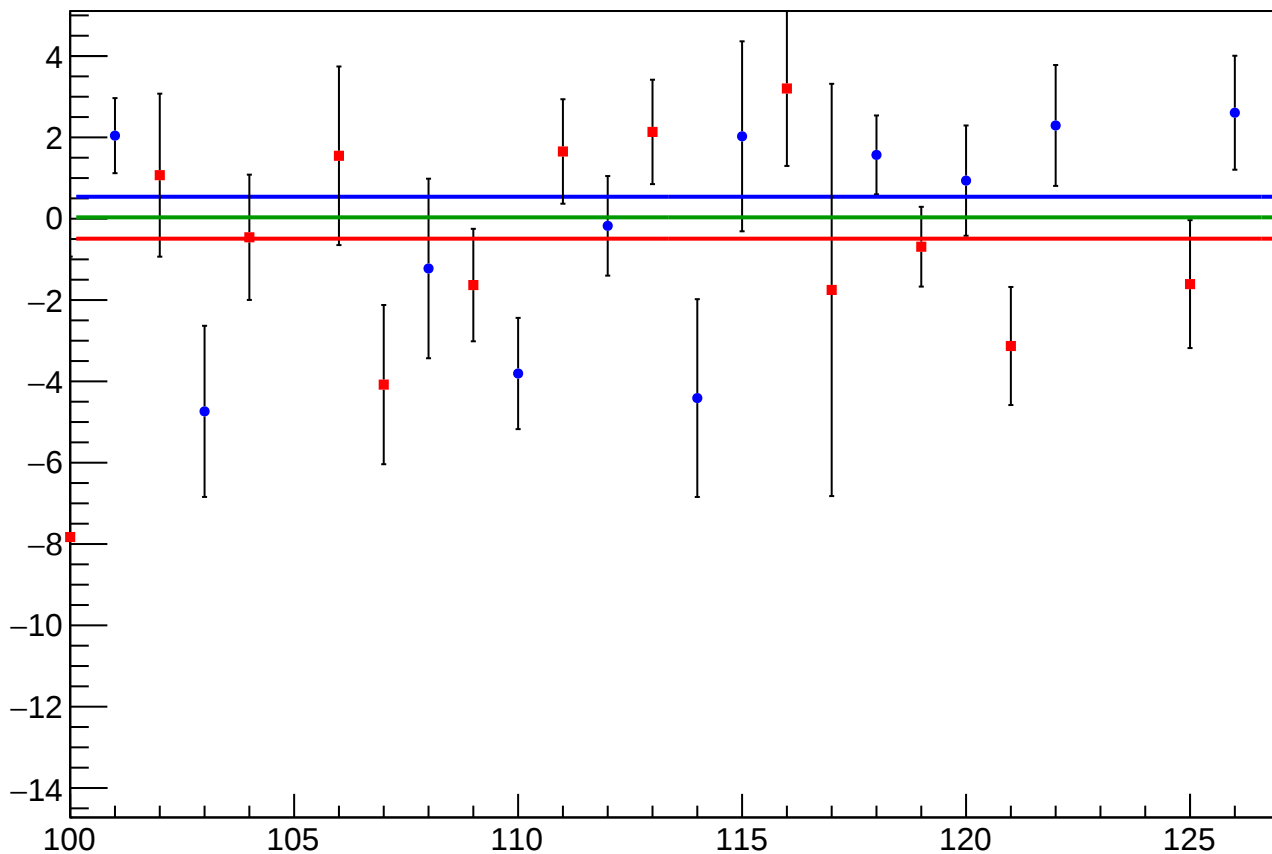
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.424+/-0.672 χ^2 /NDF: 483.7/10

-1.379+/-0.450 χ^2 /NDF: 876.1/24

0.284+/-0.606 χ^2 /NDF: 375.6/13

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.540 $\pm$ 0.418 χ^2 /NDF: 29.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.491 $\pm$ 0.425 χ^2 /NDF: 24.2/13

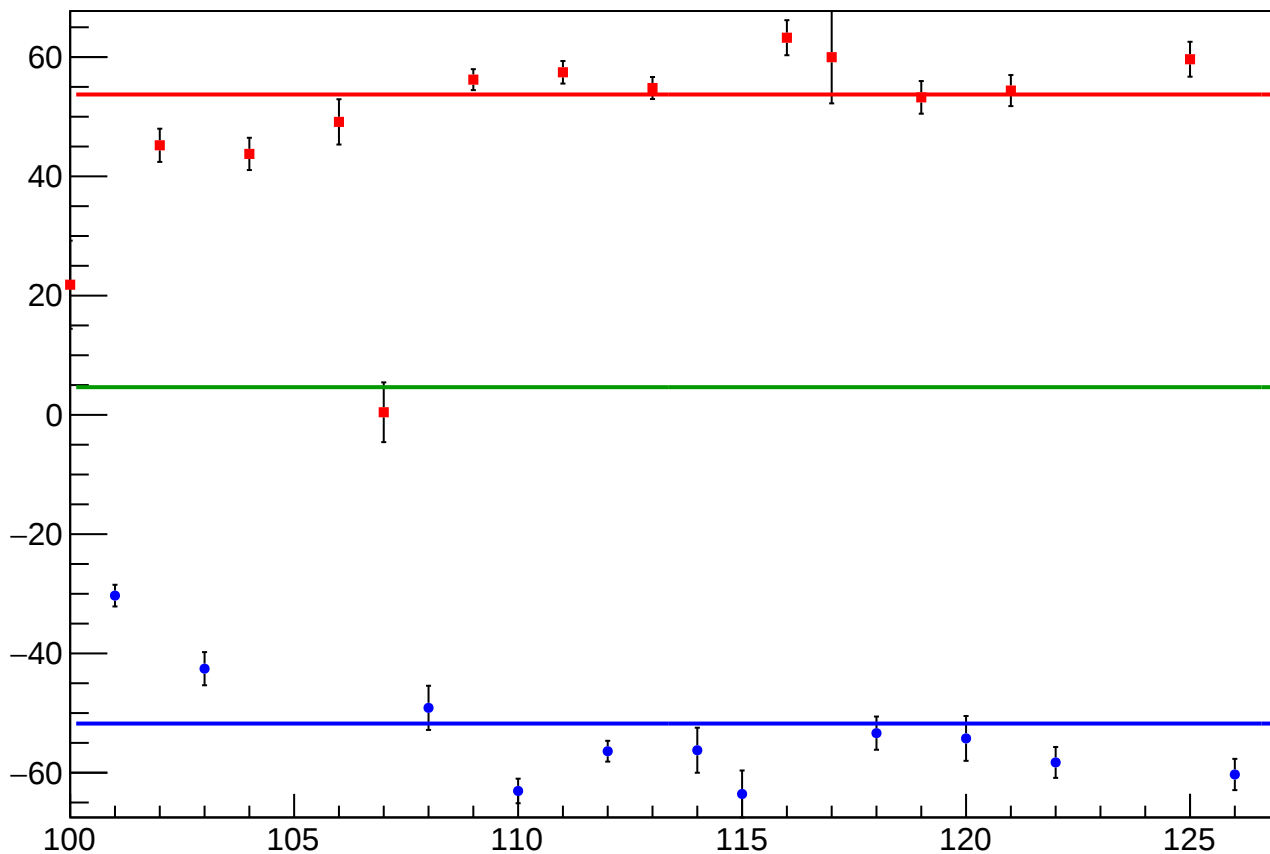
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.540 $\pm$ 0.418 χ^2 /NDF: 29.3/10

0.034 $\pm$ 0.298 χ^2 /NDF: 56.6/24

-0.491 $\pm$ 0.425 χ^2 /NDF: 24.2/13

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.759 ± 0.768 χ^2/NDF : 215.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 53.727 ± 0.716 χ^2/NDF : 192.4/13

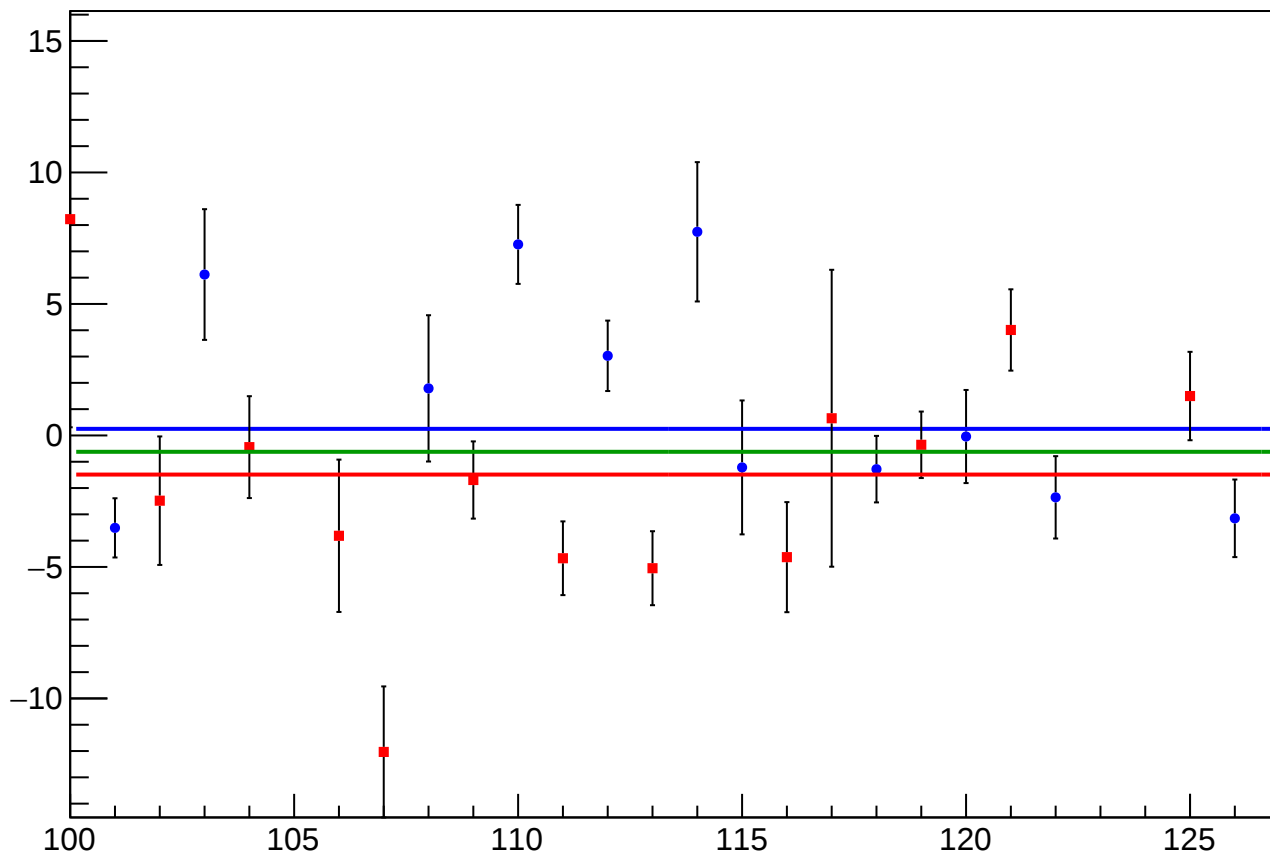
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-51.759 ± 0.768 χ^2/NDF : 215.8/10

4.648 ± 0.524 χ^2/NDF : 10508.5/24

53.727 ± 0.716 χ^2/NDF : 192.4/13

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.489 χ^2/NDF : 61.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.487+/-0.487 χ^2/NDF : 60.3/13

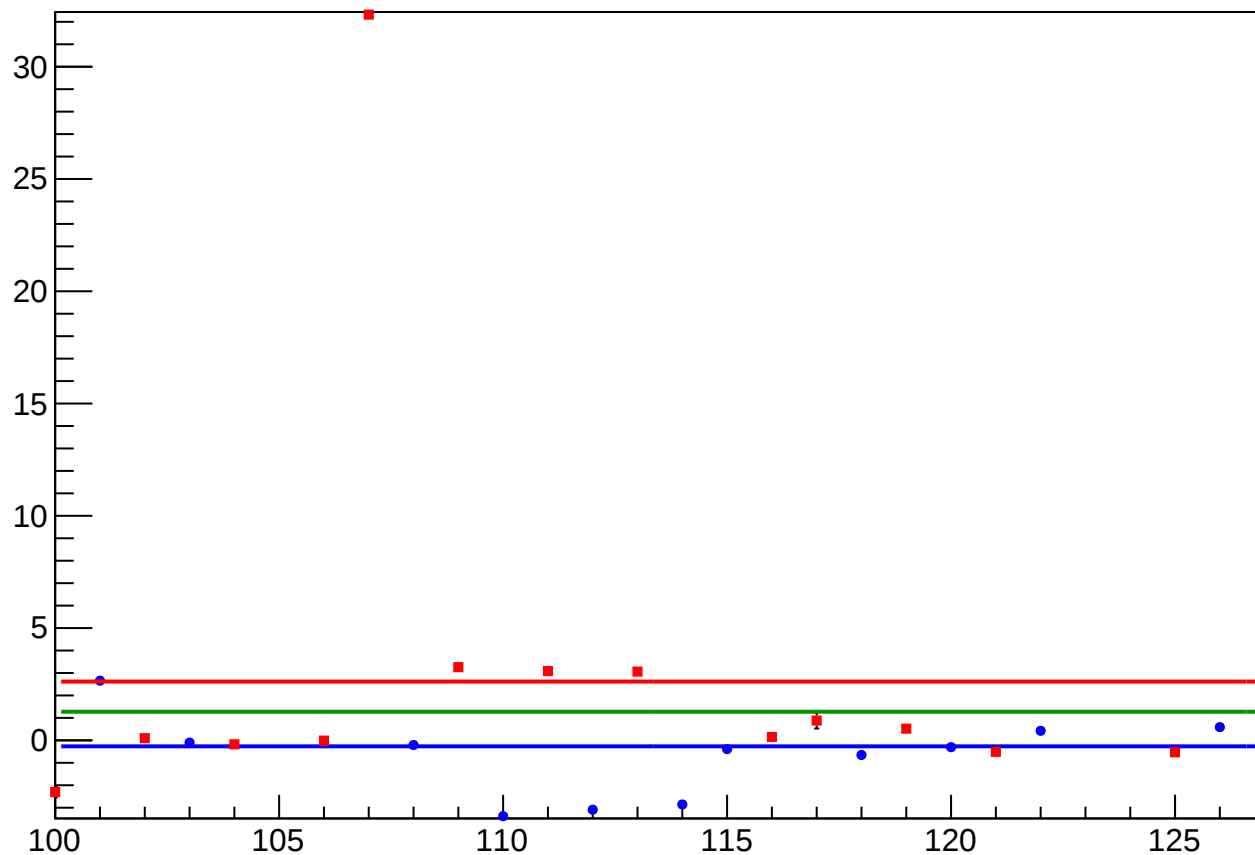
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.251+/-0.489 χ^2/NDF : 61.1/10

-0.622+/-0.345 χ^2/NDF : 127.7/24

-1.487+/-0.487 χ^2/NDF : 60.3/13

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.267 ± 0.029 χ^2/NDF : 4509.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.618 ± 0.027 χ^2/NDF : 73709.6/13

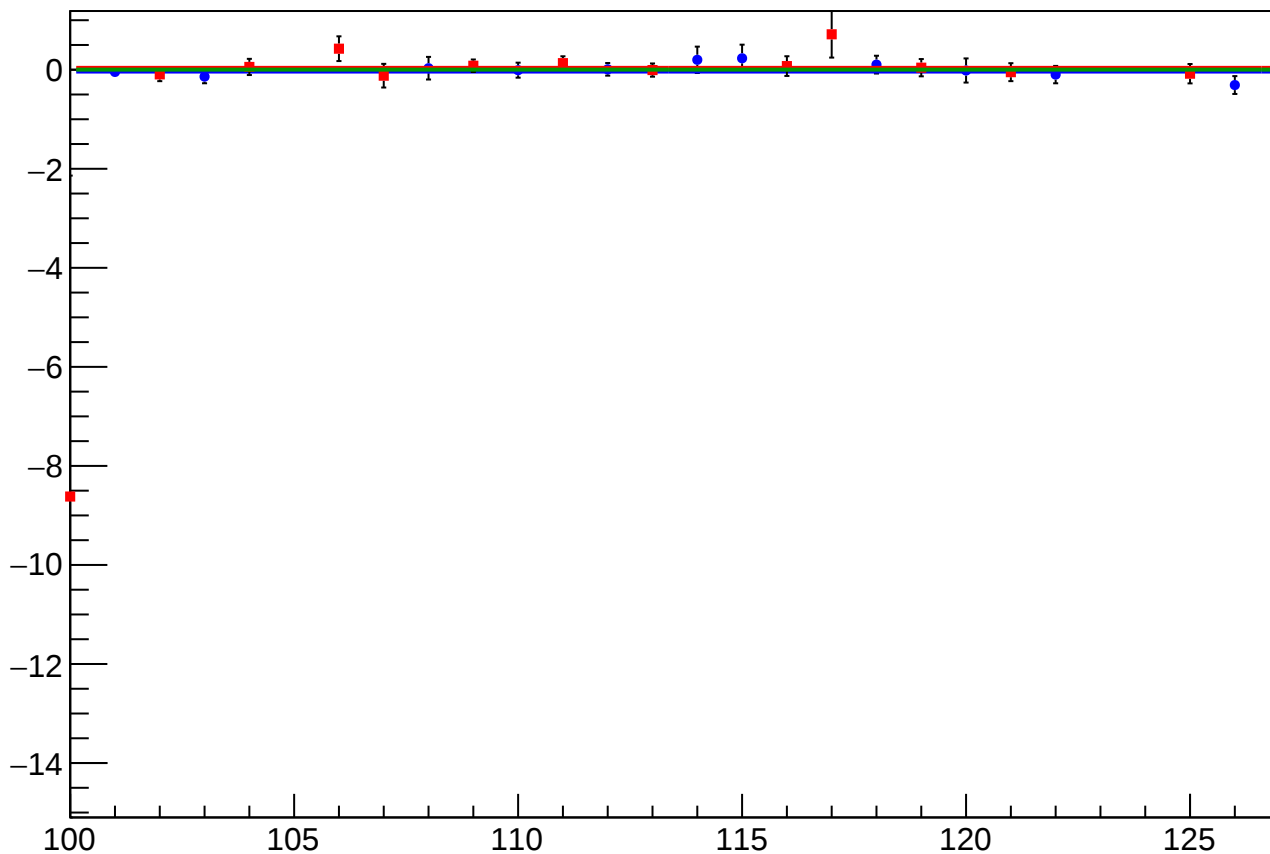
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.267 ± 0.029 χ^2/NDF : 4509.1/10

1.274 ± 0.019 χ^2/NDF : 83670.9/24

2.618 ± 0.027 χ^2/NDF : 73709.6/13

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.037+/-0.049 χ^2 /NDF: 5.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.038+/-0.047 χ^2 /NDF: 9.0/13

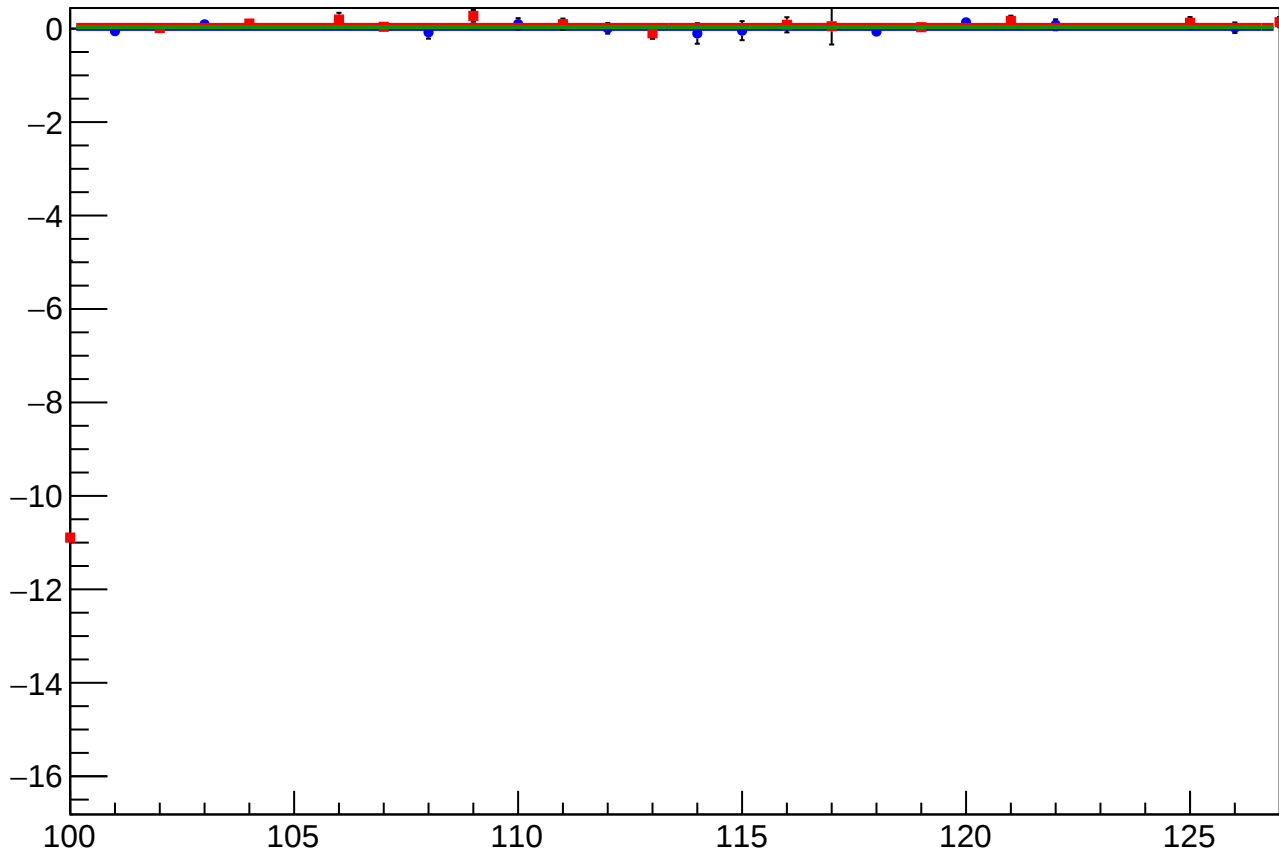
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.037+/-0.049 χ^2 /NDF: 5.6/10

0.002+/-0.034 χ^2 /NDF: 15.8/24

0.038+/-0.047 χ^2 /NDF: 9.0/13

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.028 χ^2 /NDF: 6.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080+/-0.030 χ^2 /NDF: 11.1/13

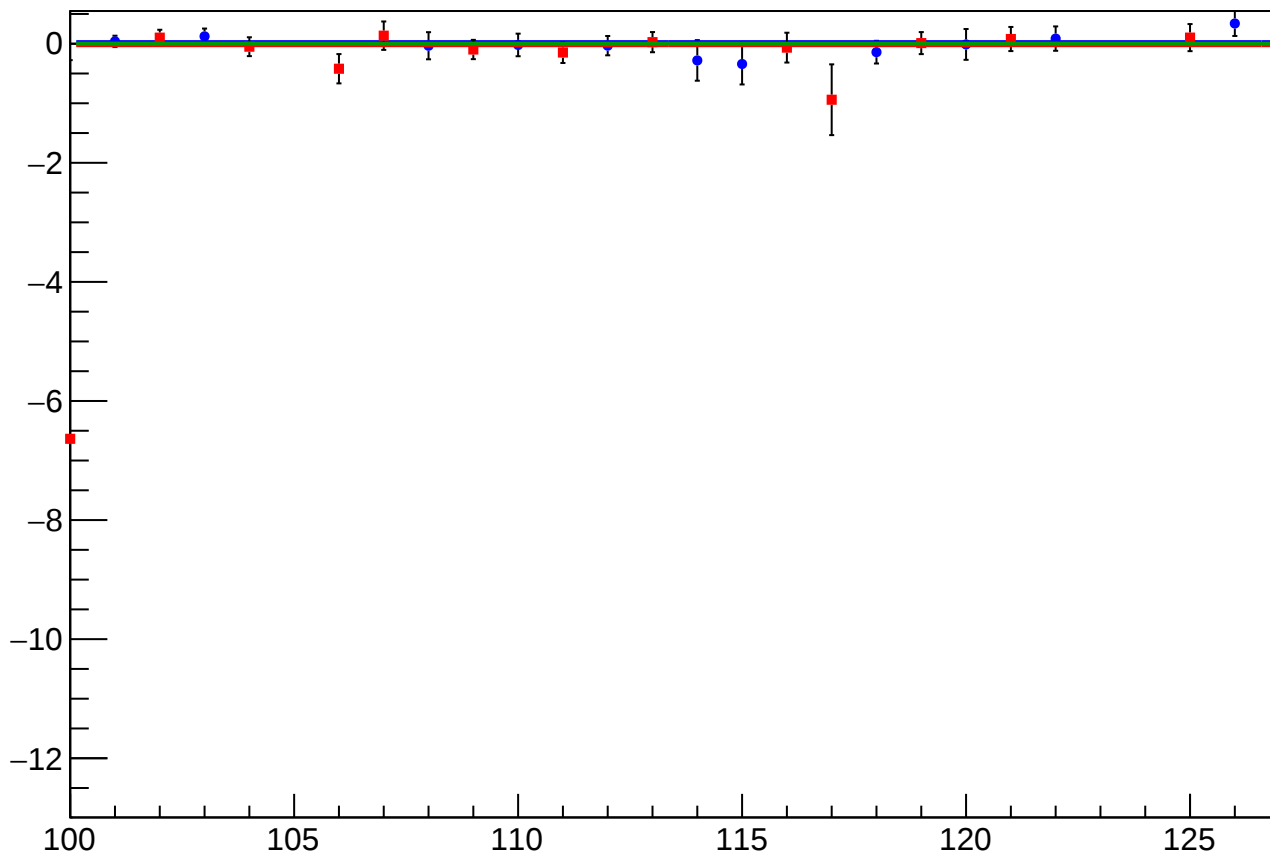
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.005+/-0.028 χ^2 /NDF: 6.9/10

0.035+/-0.021 χ^2 /NDF: 22.2/24

0.080+/-0.030 χ^2 /NDF: 11.1/13

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.053 χ^2/NDF : 5.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.053 χ^2/NDF : 8.9/13

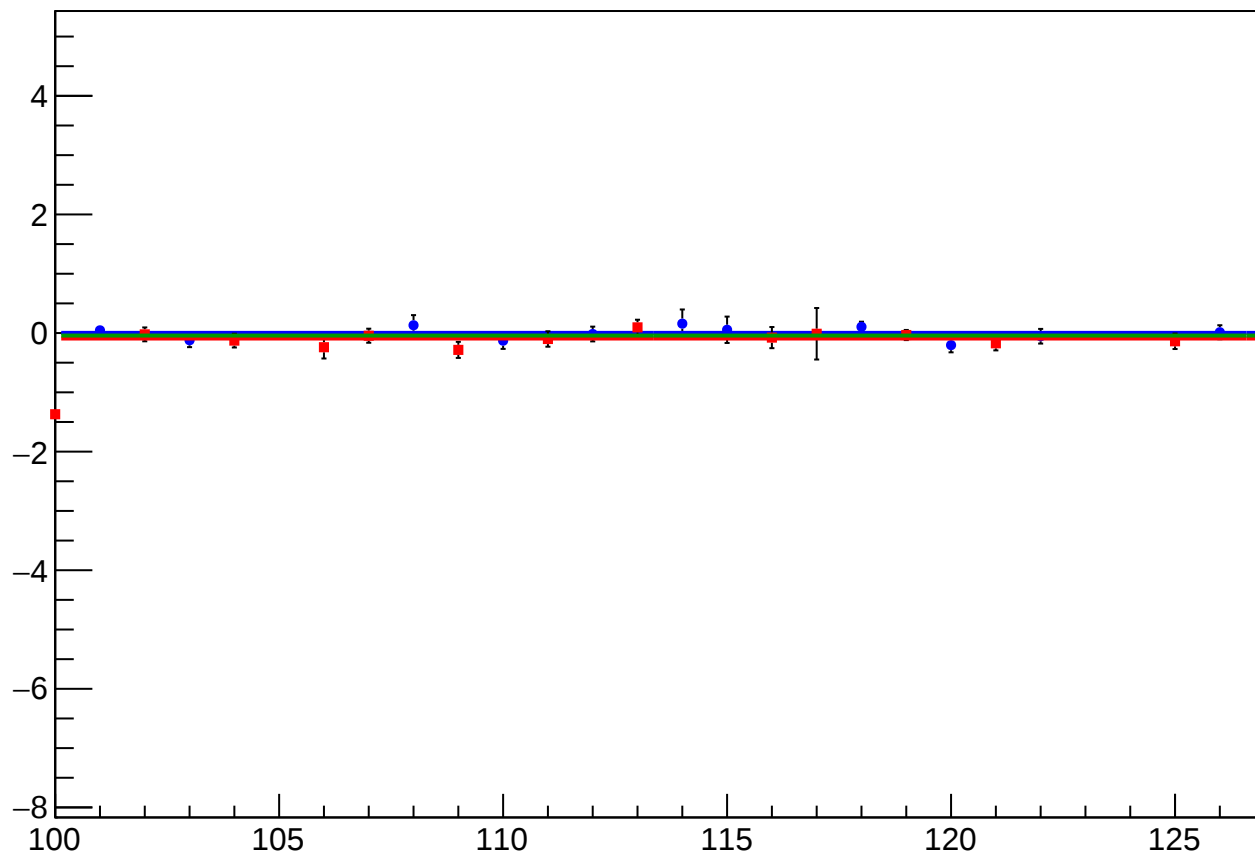
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.053 χ^2/NDF : 5.9/10

0.001+/-0.037 χ^2/NDF : 15.2/24

-0.024+/-0.053 χ^2/NDF : 8.9/13

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.034 χ^2 /NDF: 8.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.092 $\pm$ 0.035 χ^2 /NDF: 6.6/13

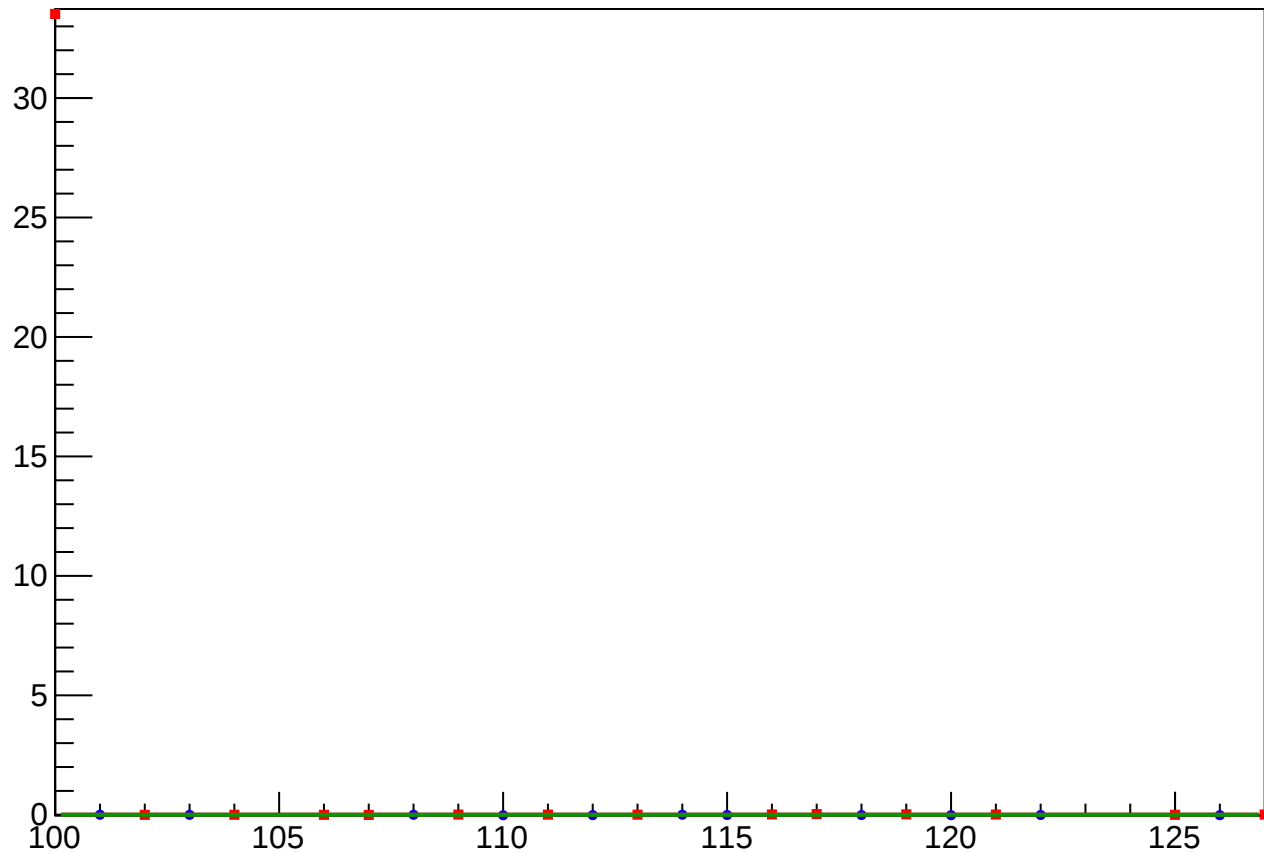
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.003 $\pm$ 0.034 χ^2 /NDF: 8.1/10

-0.042 $\pm$ 0.024 χ^2 /NDF: 18.5/24

-0.092 $\pm$ 0.035 χ^2 /NDF: 6.6/13

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.004 ± 0.002 χ^2/NDF : 12.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.002 χ^2/NDF : 26502.6/13

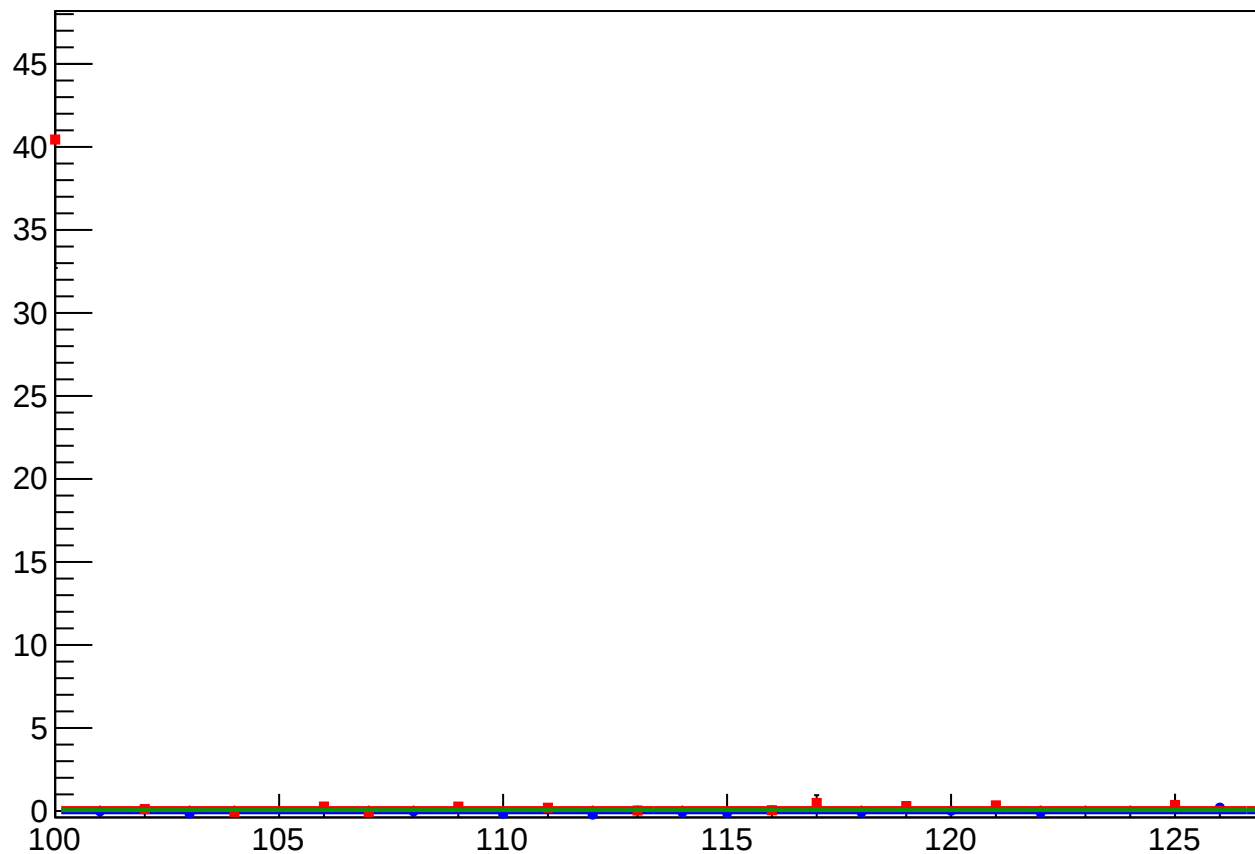
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.004 ± 0.002 χ^2/NDF : 12.5/10

0.000 ± 0.001 χ^2/NDF : 26527.2/24

0.005 ± 0.002 χ^2/NDF : 26502.6/13

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.078 ± 0.049 χ^2/NDF : 4.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.177 ± 0.047 χ^2/NDF : 35.6/13

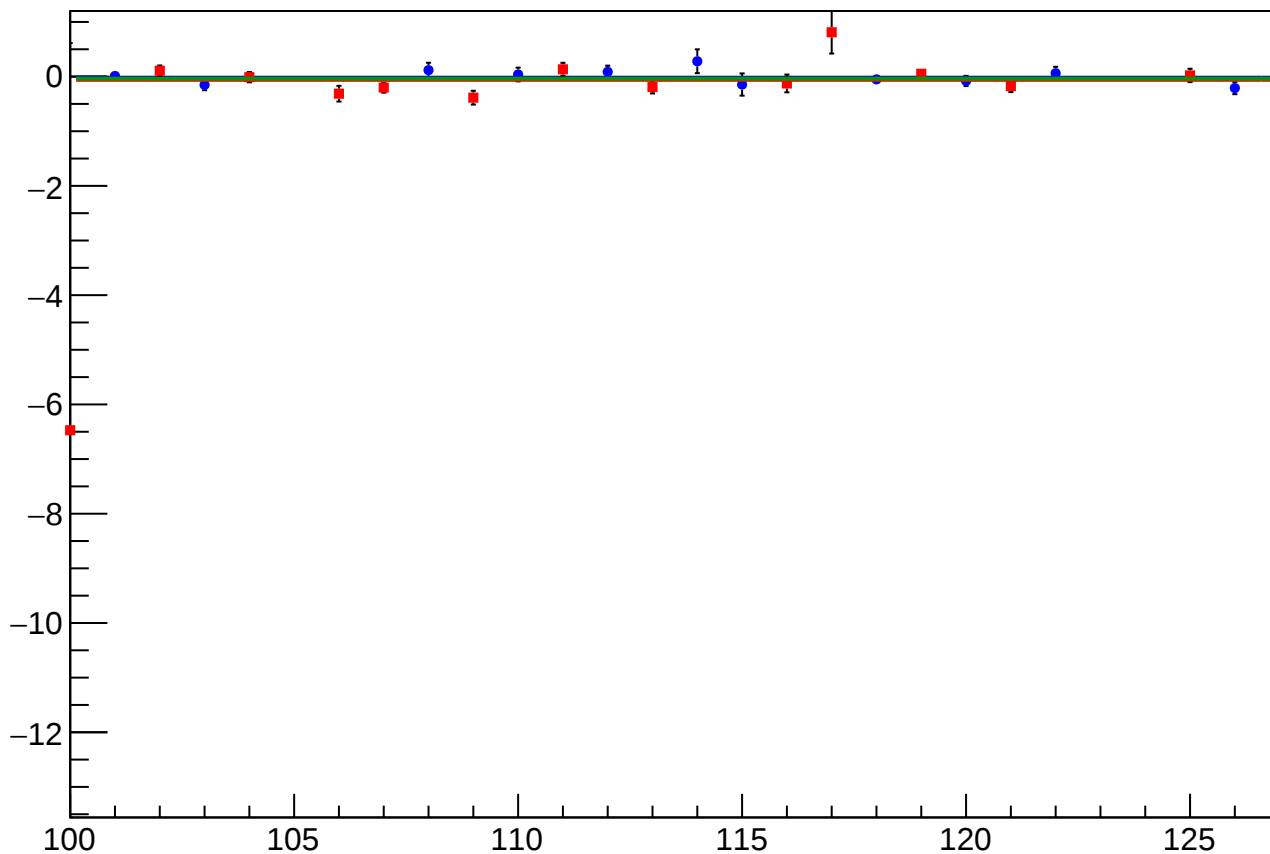
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.078 ± 0.049 χ^2/NDF : 4.8/10

0.054 ± 0.034 χ^2/NDF : 54.6/24

0.177 ± 0.047 χ^2/NDF : 35.6/13

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.028 χ^2/NDF : 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.059 $\pm$ 0.030 χ^2/NDF : 29.6/13

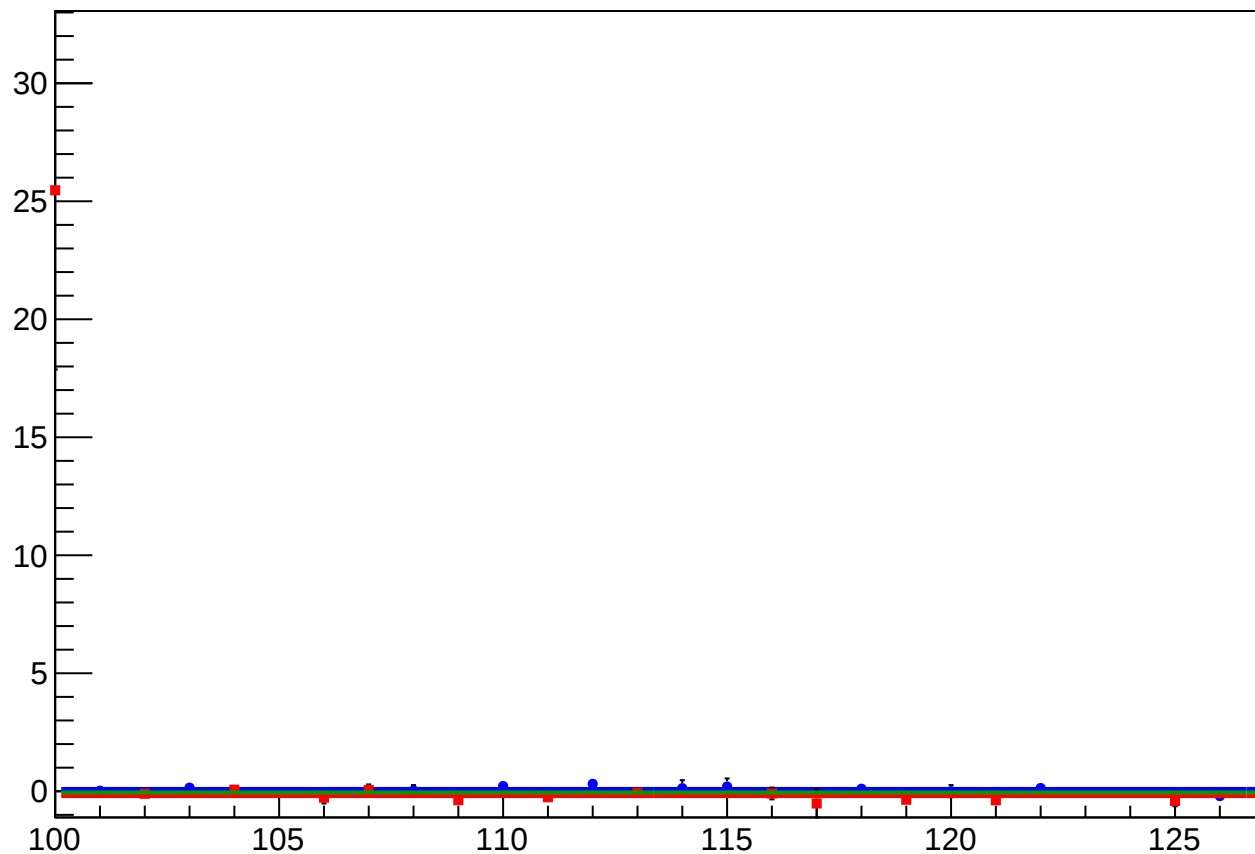
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.020 $\pm$ 0.028 χ^2/NDF : 10.6/10

-0.038 $\pm$ 0.021 χ^2/NDF : 41.1/24

-0.059 $\pm$ 0.030 χ^2/NDF : 29.6/13

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.099 $\pm$ 0.053 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.203 $\pm$ 0.053 χ^2 /NDF: 21.5/13

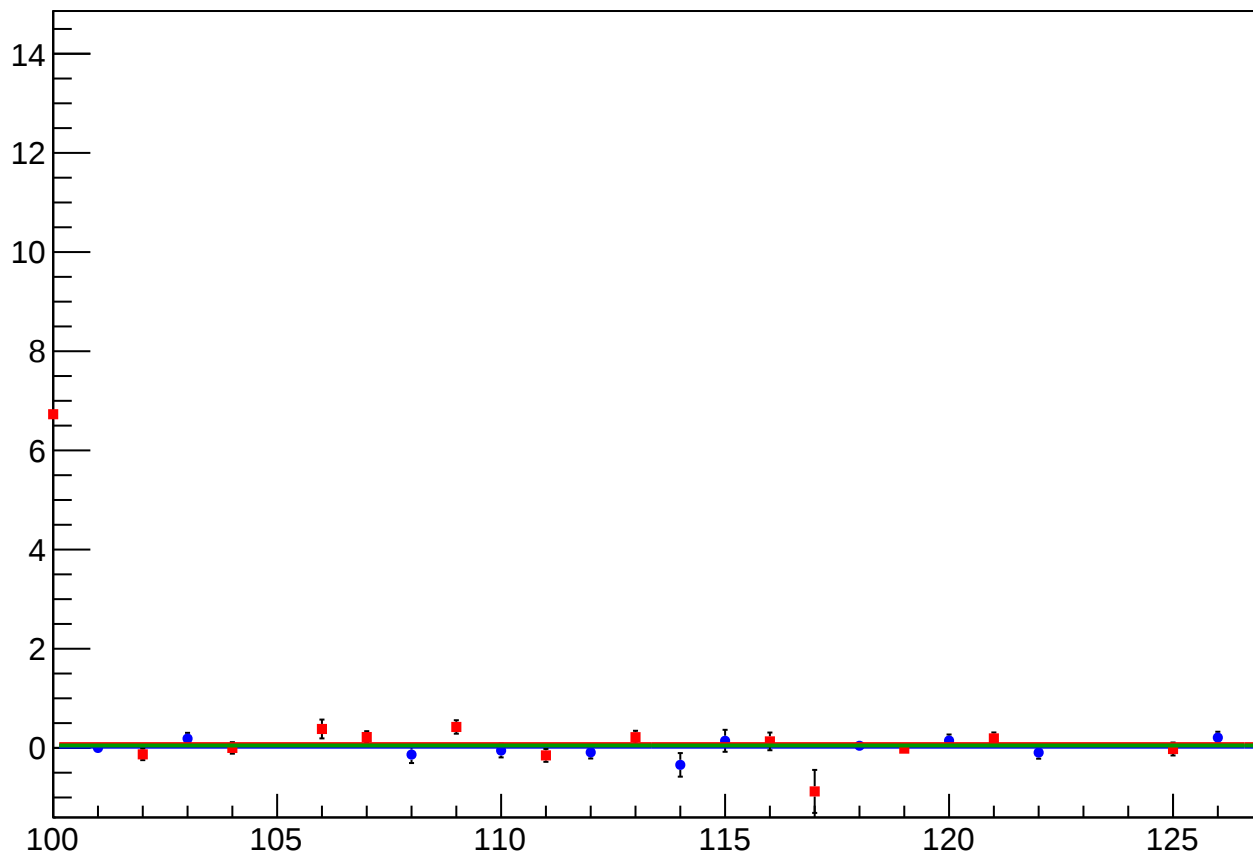
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.099 $\pm$ 0.053 χ^2 /NDF: 5.5/10

-0.052 $\pm$ 0.037 χ^2 /NDF: 43.4/24

-0.203 $\pm$ 0.053 χ^2 /NDF: 21.5/13

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.024+/-0.034 χ^2 /NDF: 11.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.076+/-0.035 χ^2 /NDF: 26.6/13

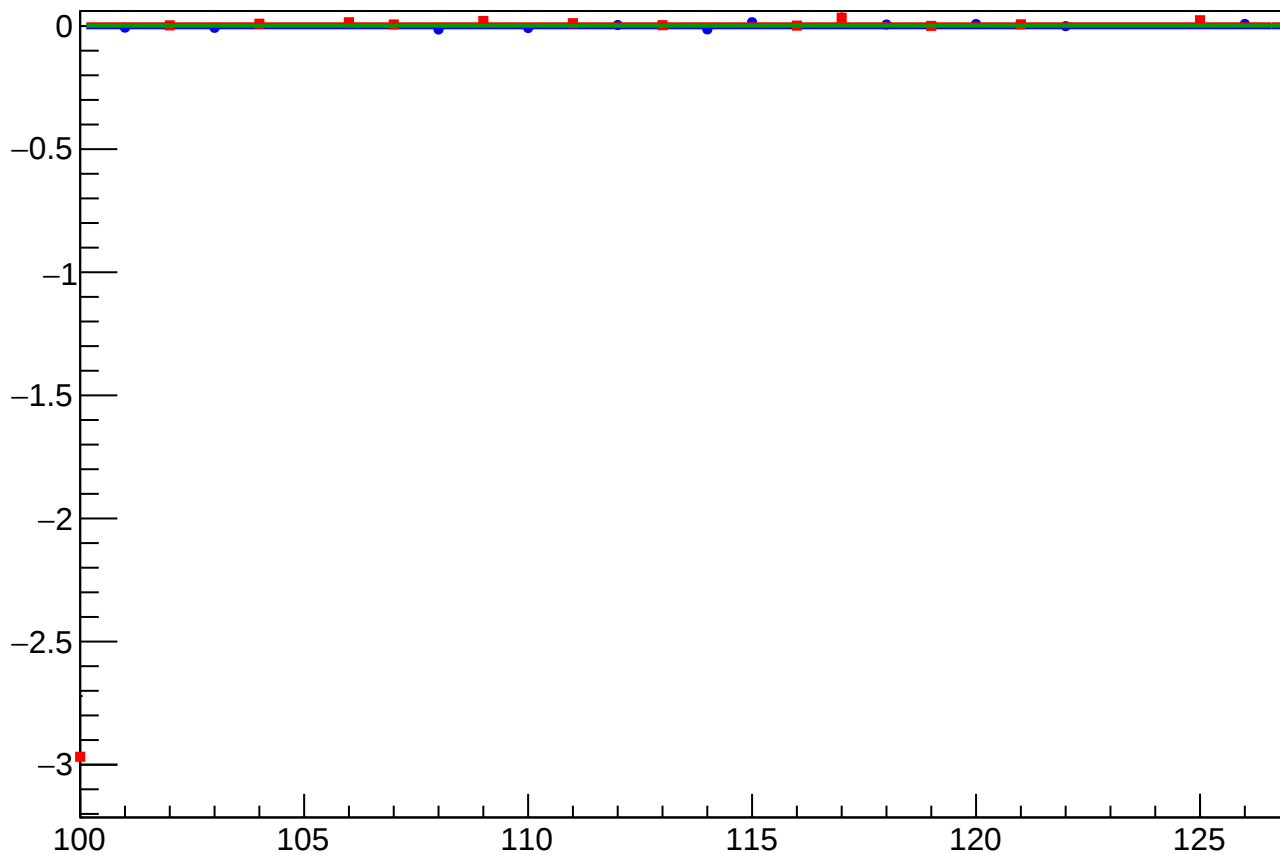
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.024+/-0.034 χ^2 /NDF: 11.3/10

0.049+/-0.024 χ^2 /NDF: 39.0/24

0.076+/-0.035 χ^2 /NDF: 26.6/13

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.002 χ^2 /NDF: 13.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.002 χ^2 /NDF: 160.2/13

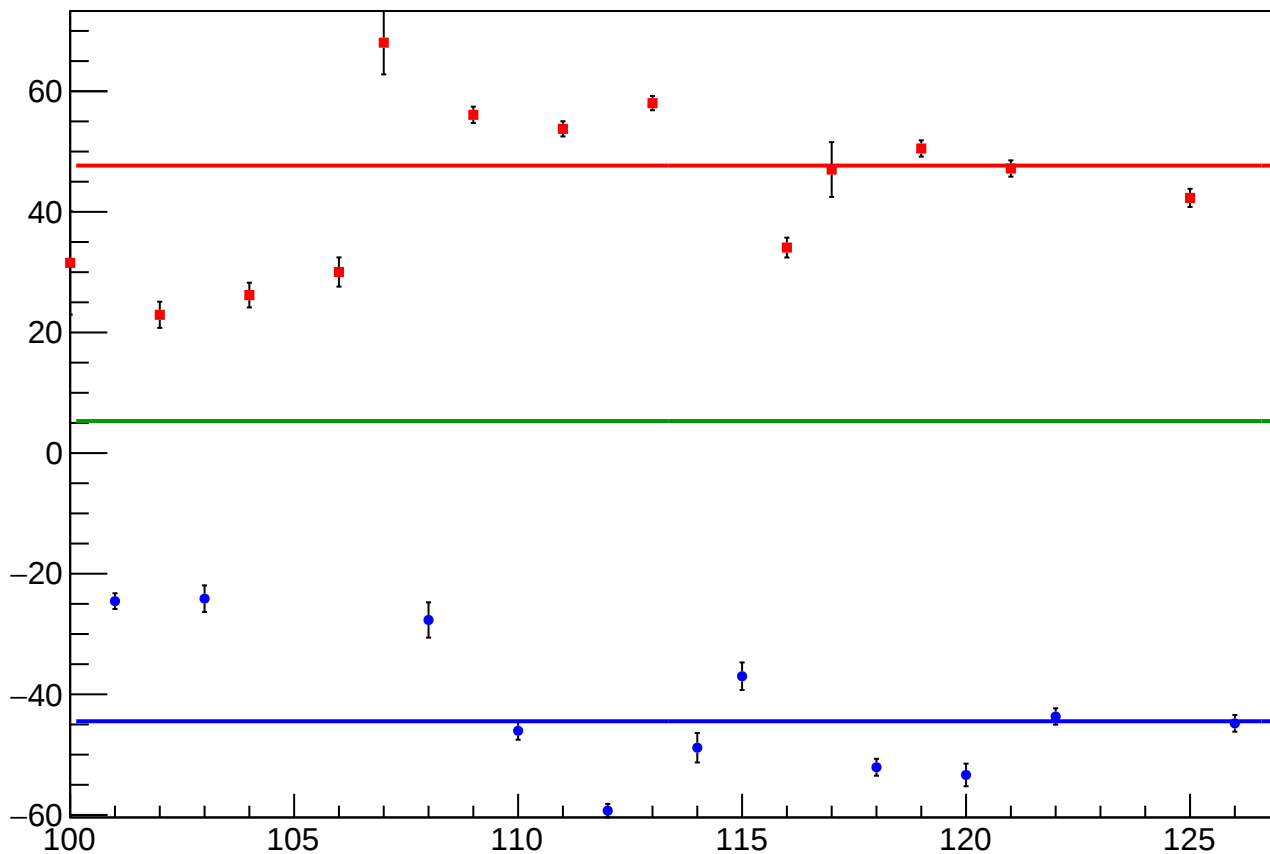
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.005 $\pm$ 0.002 χ^2 /NDF: 13.8/10

0.001 $\pm$ 0.001 χ^2 /NDF: 199.6/24

0.007 $\pm$ 0.002 χ^2 /NDF: 160.2/13

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.466 $\pm$ 0.478 χ^2 /NDF: 594.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.675 $\pm$ 0.441 χ^2 /NDF: 551.3/13

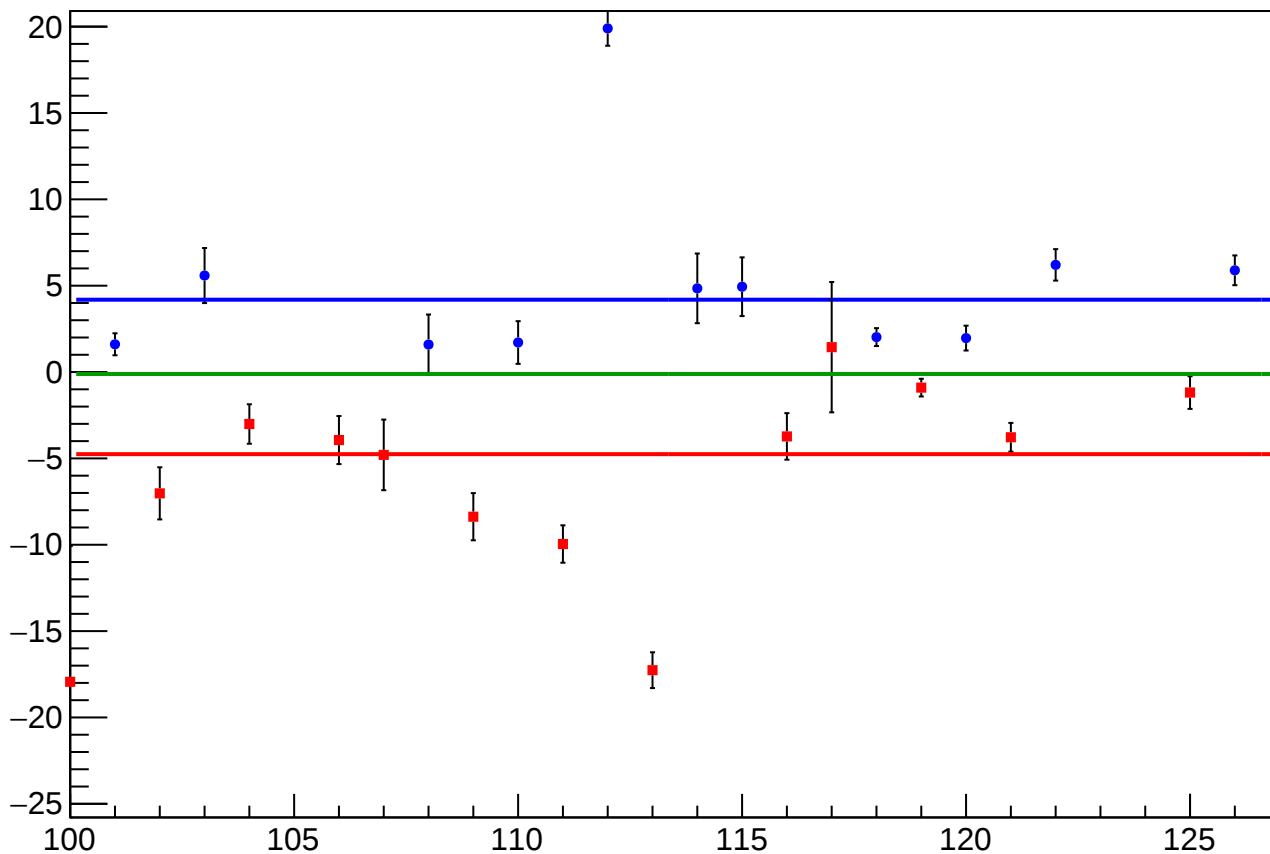
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.466 $\pm$ 0.478 χ^2 /NDF: 594.2/10

5.315 $\pm$ 0.324 χ^2 /NDF: 21207.5/24

47.675 $\pm$ 0.441 χ^2 /NDF: 551.3/13

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.189+/-0.271 χ^2/NDF : 303.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.755+/-0.281 χ^2/NDF : 268.2/13

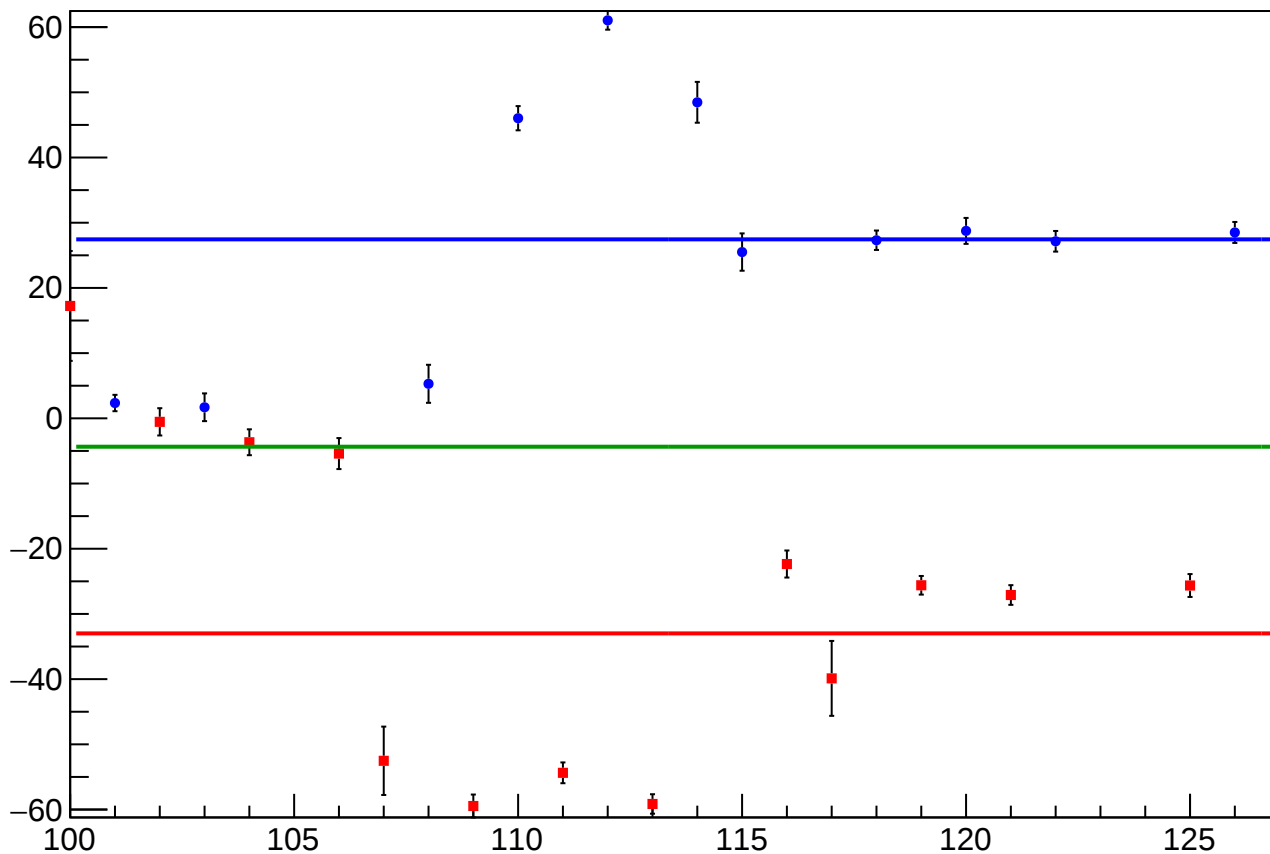
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.189+/-0.271 χ^2/NDF : 303.5/10

-0.112+/-0.195 χ^2/NDF : 1096.3/24

-4.755+/-0.281 χ^2/NDF : 268.2/13

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.448+/-0.537 χ^2 /NDF: 1302.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -32.985+/-0.510 χ^2 /NDF: 1451.3/13

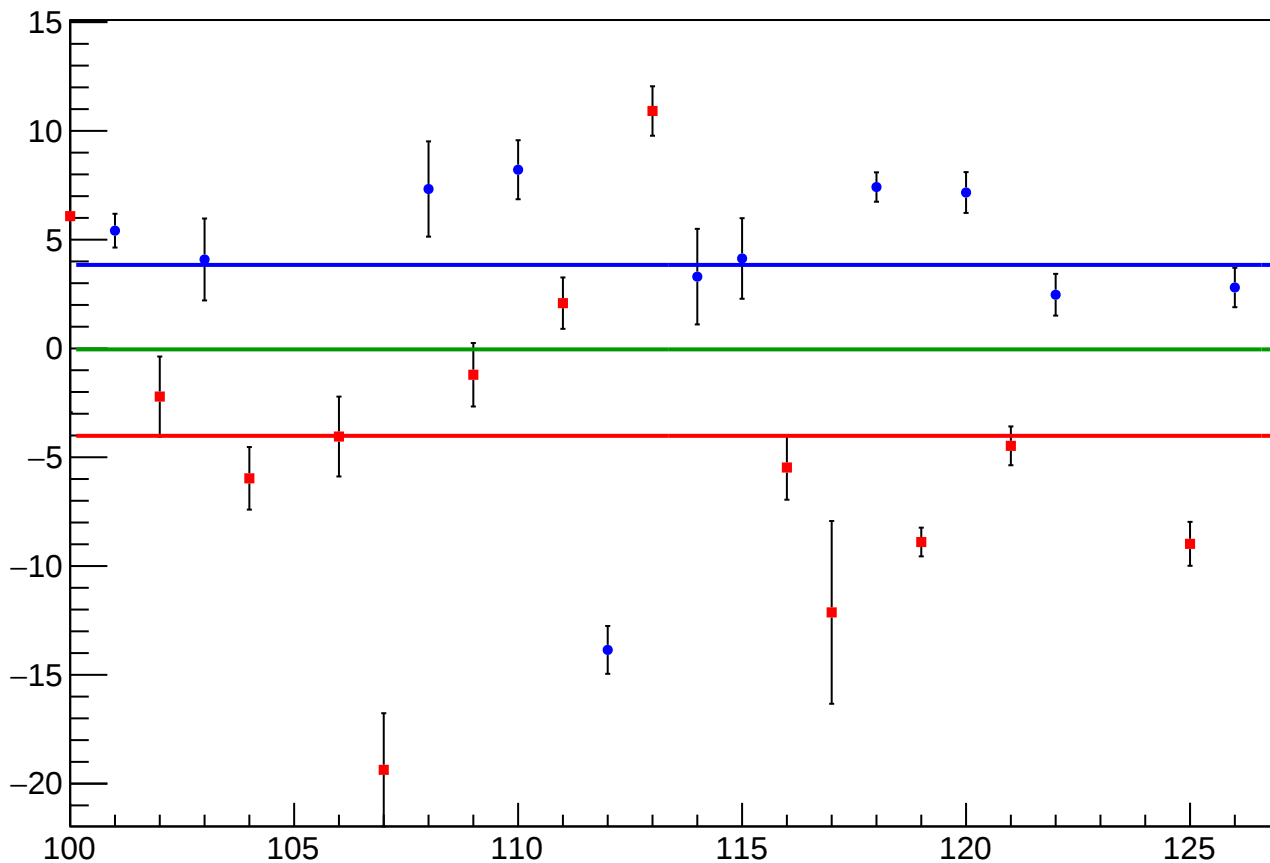
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.448+/-0.537 χ^2 /NDF: 1302.3/10

-4.352+/-0.370 χ^2 /NDF: 9412.8/24

-32.985+/-0.510 χ^2 /NDF: 1451.3/13

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.840 $\pm$ 0.322 χ^2 /NDF: 320.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.015 $\pm$ 0.325 χ^2 /NDF: 333.7/13

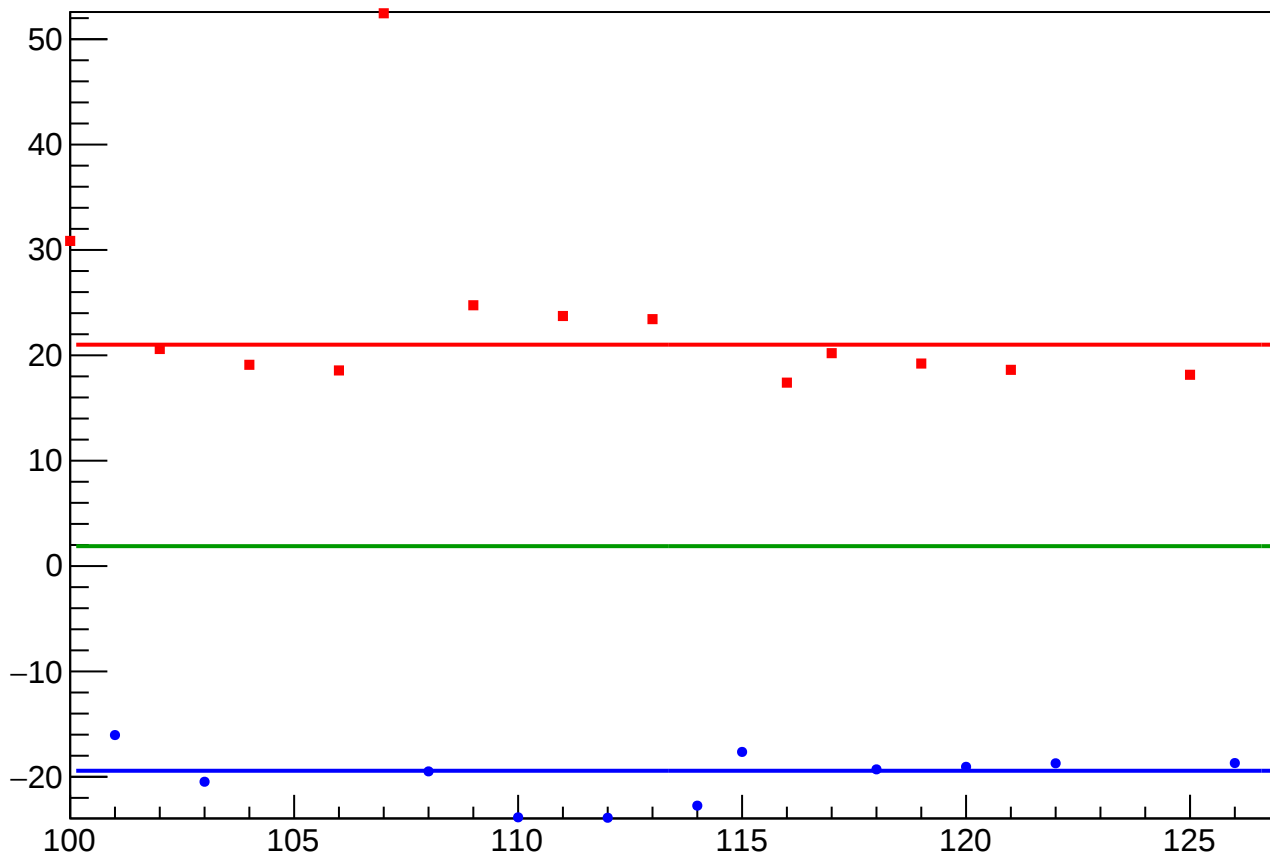
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.840 $\pm$ 0.322 χ^2 /NDF: 320.4/10

-0.043 $\pm$ 0.229 χ^2 /NDF: 948.6/24

-4.015 $\pm$ 0.325 χ^2 /NDF: 333.7/13

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.426 ± 0.020 $\chi^2/\text{NDF}: 13980.7/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 21.010 ± 0.019 $\chi^2/\text{NDF}: 83417.4/13$

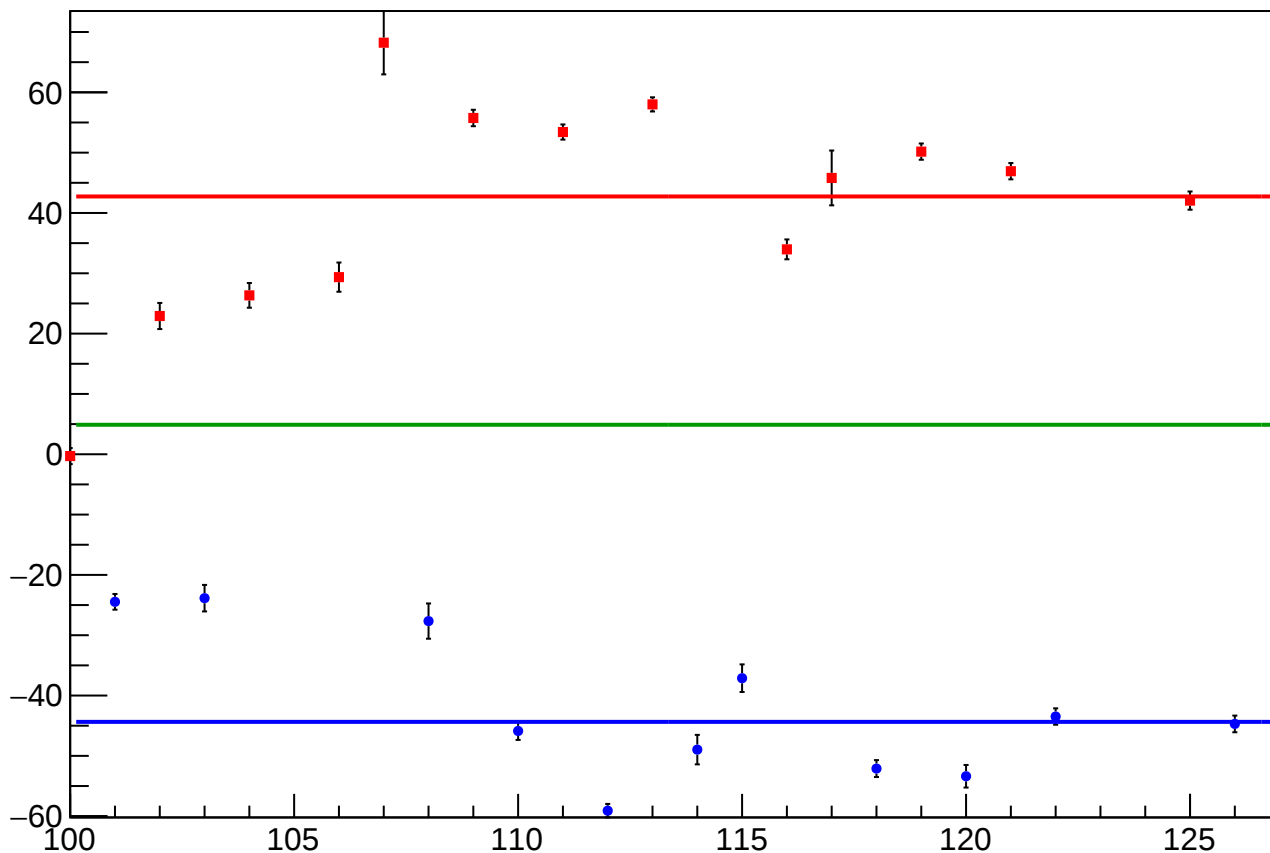
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.426 ± 0.020 $\chi^2/\text{NDF}: 13980.7/10$

1.889 ± 0.014 $\chi^2/\text{NDF}: 2210984.9/24$

21.010 ± 0.019 $\chi^2/\text{NDF}: 83417.4/13$

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.363 $\pm$ 0.478 χ^2 /NDF: 594.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.738 $\pm$ 0.419 χ^2 /NDF: 1707.7/13

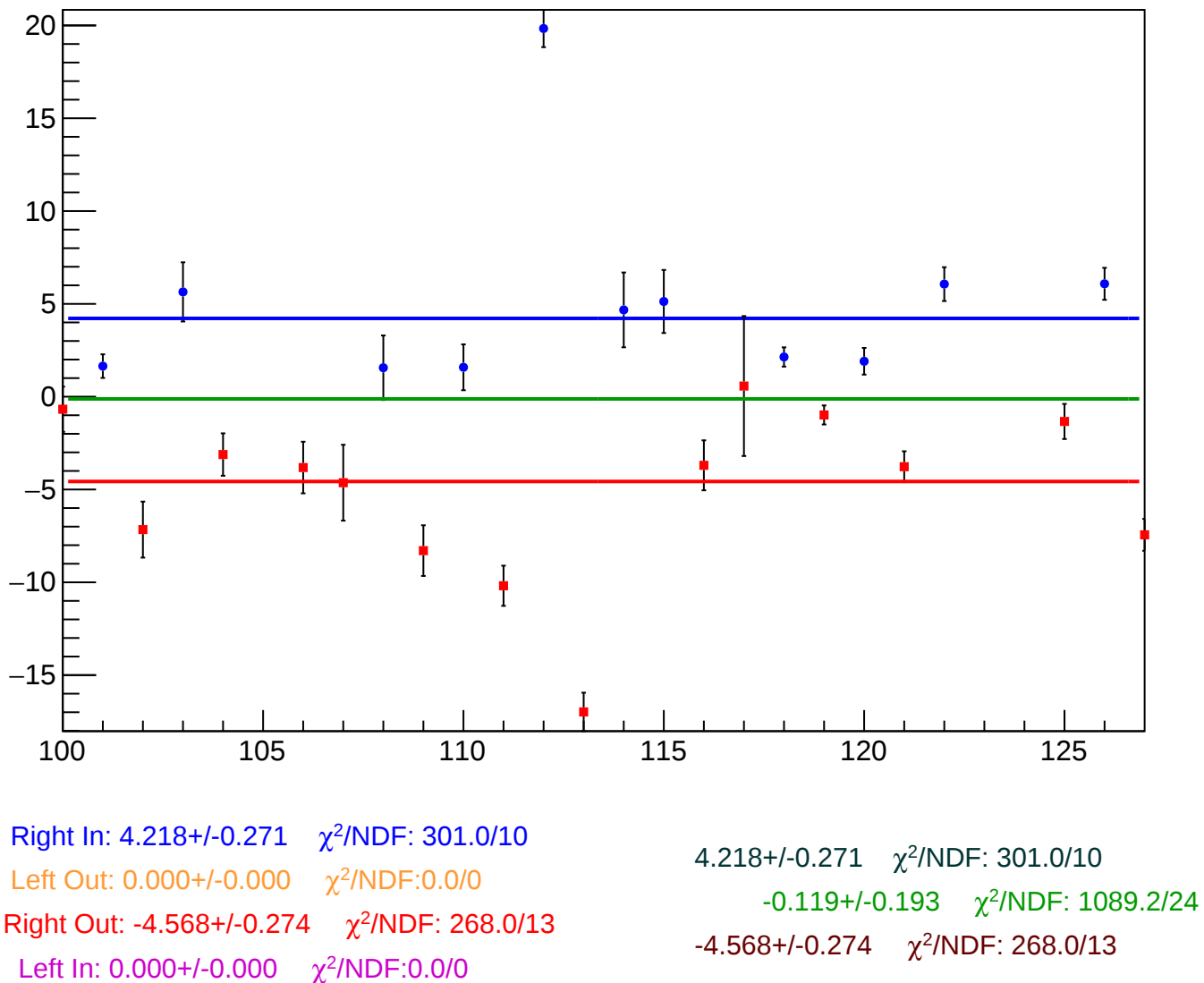
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.363 $\pm$ 0.478 χ^2 /NDF: 594.3/10

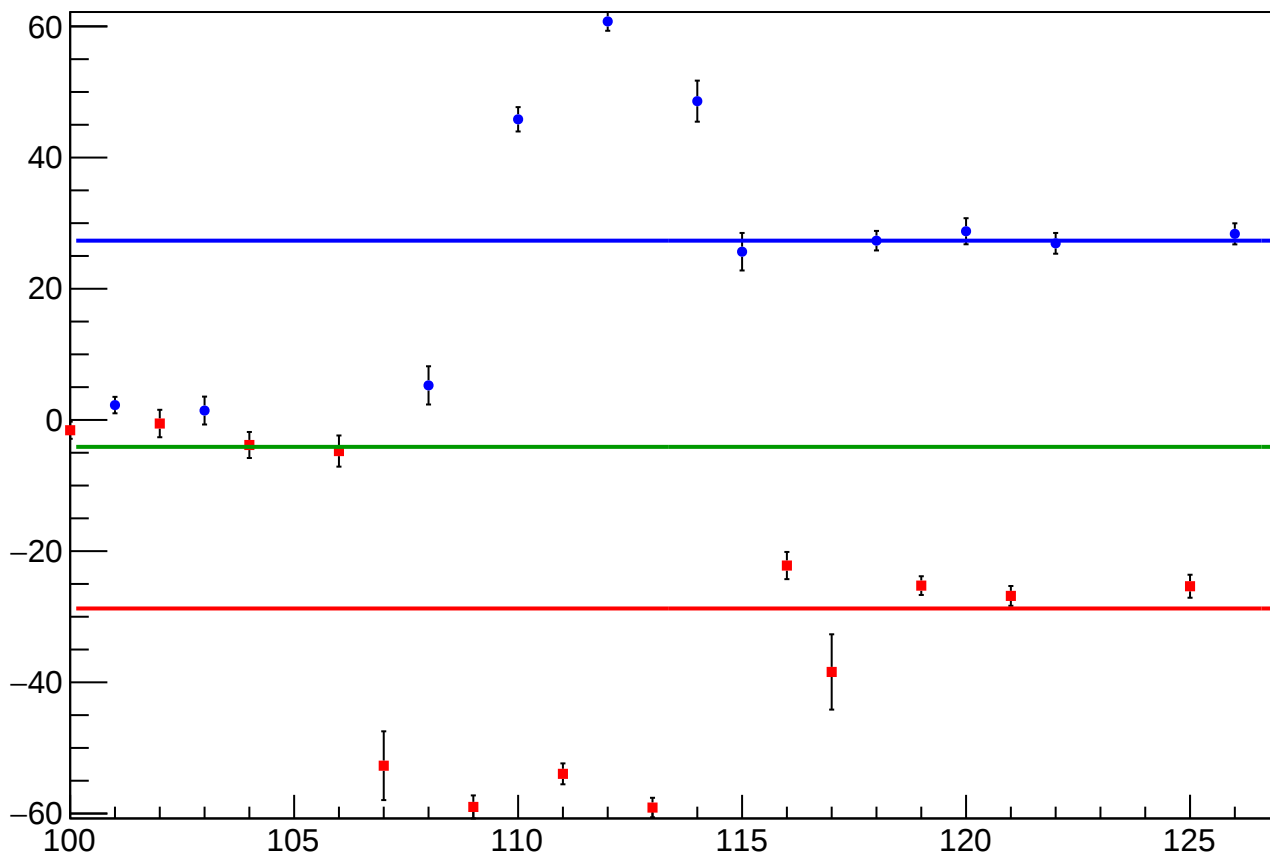
4.889 $\pm$ 0.315 χ^2 /NDF: 21090.1/24

42.738 $\pm$ 0.419 χ^2 /NDF: 1707.7/13

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.333+/-0.537 χ^2 /NDF: 1298.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -28.741+/-0.475 χ^2 /NDF: 1910.1/13

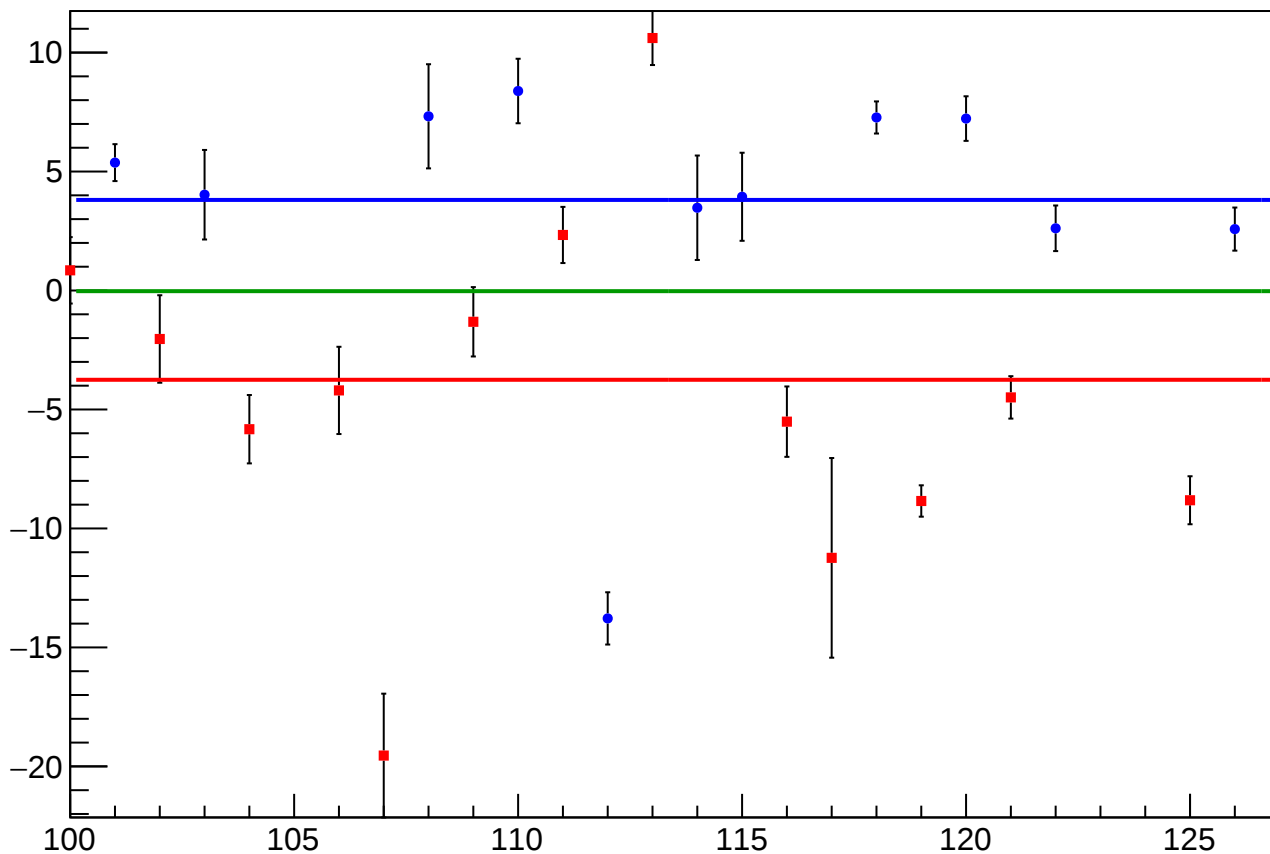
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.333+/-0.537 χ^2 /NDF: 1298.7/10

-4.103+/-0.356 χ^2 /NDF: 9325.1/24

-28.741+/-0.475 χ^2 /NDF: 1910.1/13

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.807 ± 0.322 χ^2/NDF : 317.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.752 ± 0.317 χ^2/NDF : 336.9/13

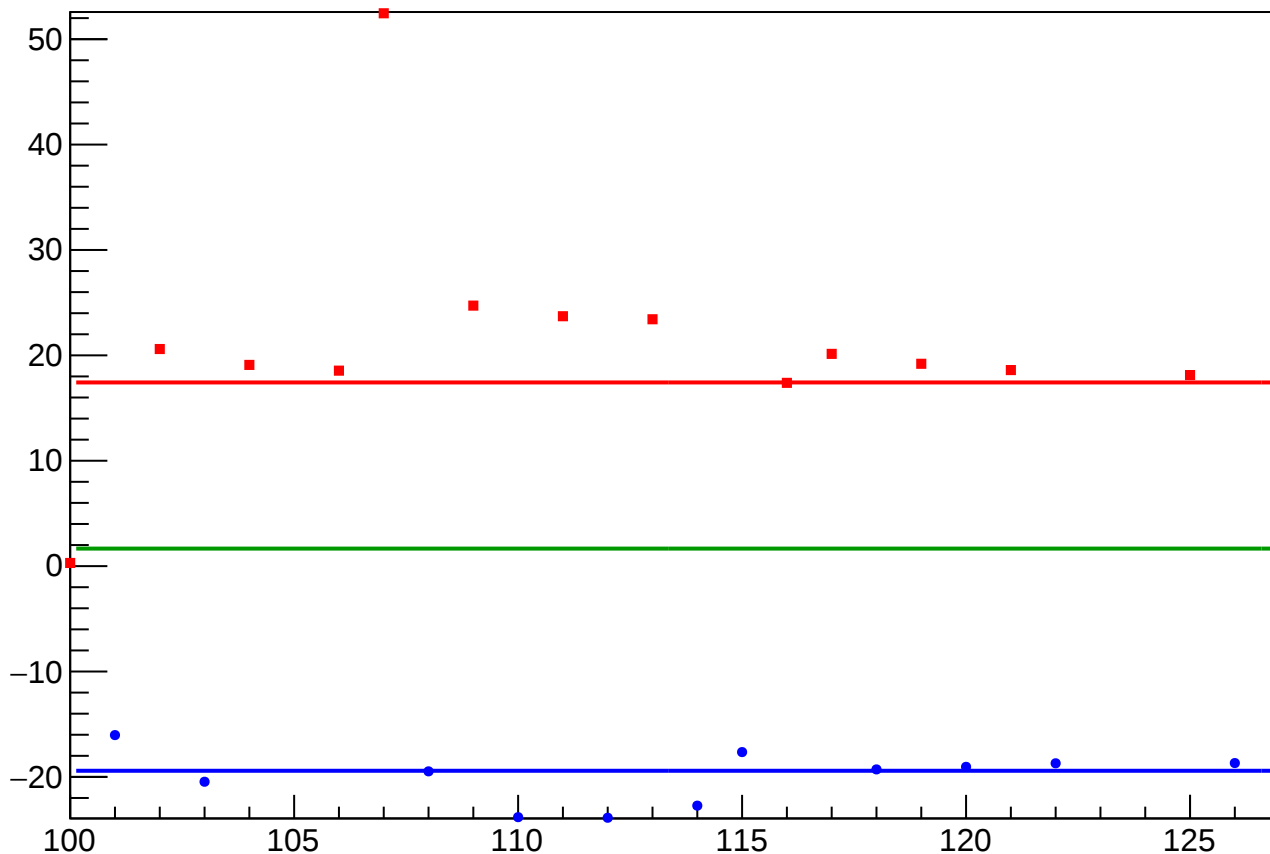
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.807 ± 0.322 χ^2/NDF : 317.6/10

-0.027 ± 0.226 χ^2/NDF : 934.7/24

-3.752 ± 0.317 χ^2/NDF : 336.9/13

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.418 ± 0.020 $\chi^2/\text{NDF}: 13959.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.429 ± 0.017 $\chi^2/\text{NDF}: 280062.6/13$

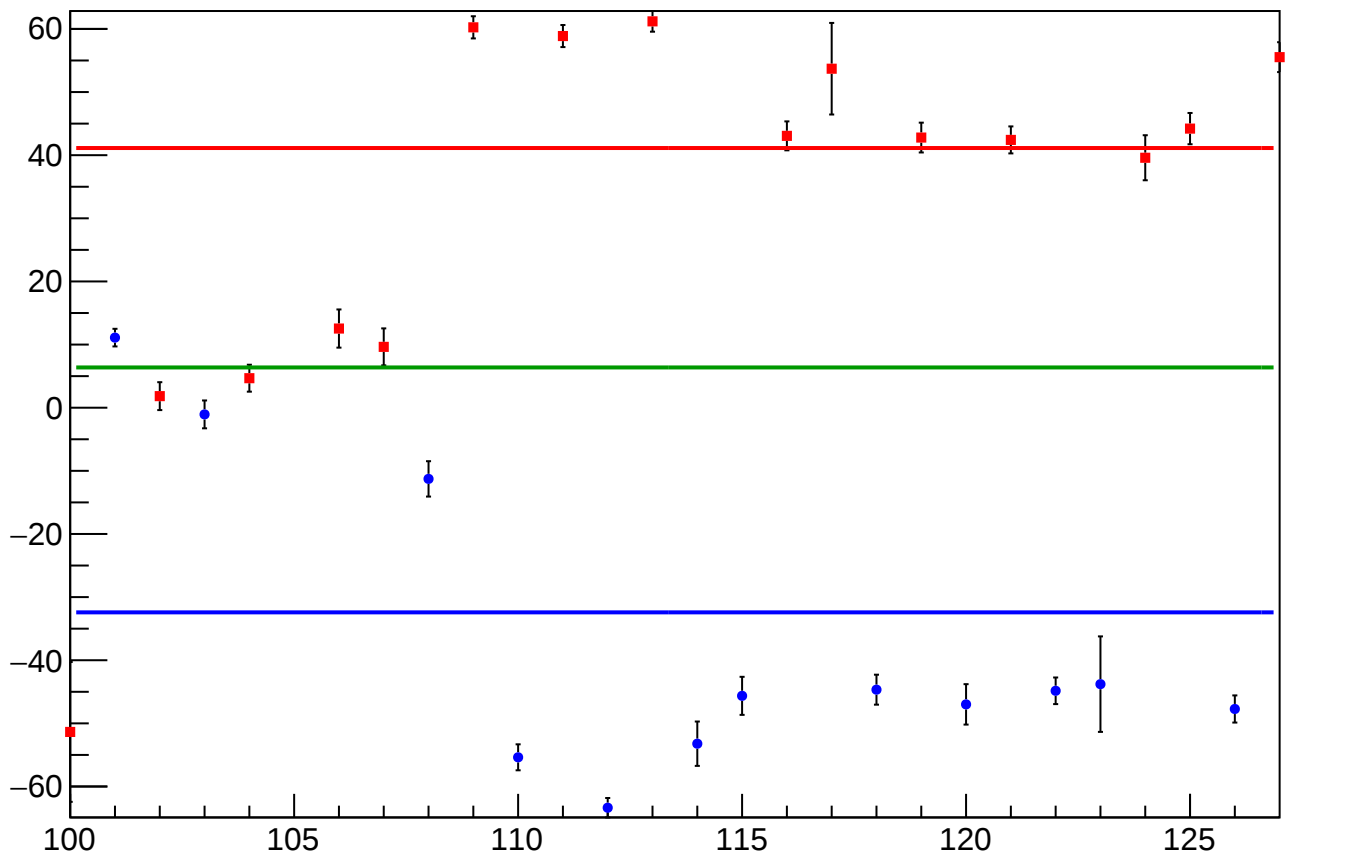
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.418 ± 0.020 $\chi^2/\text{NDF}: 13959.0/10$

1.664 ± 0.013 $\chi^2/\text{NDF}: 2201261.0/24$

17.429 ± 0.017 $\chi^2/\text{NDF}: 280062.6/13$

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.418 $\pm$ 0.642 χ^2/NDF : 1948.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 41.134 $\pm$ 0.607 χ^2/NDF : 1298.2/14

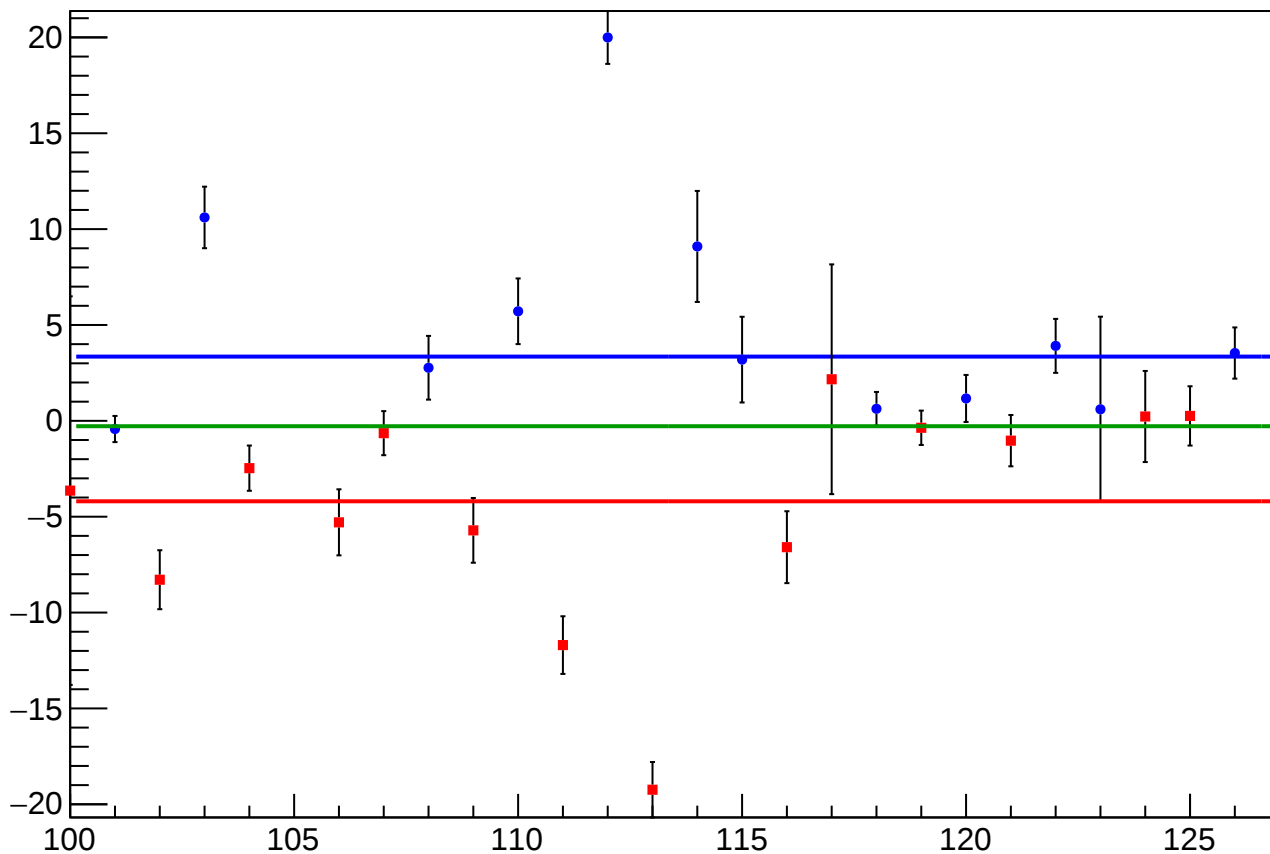
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-32.418 $\pm$ 0.642 χ^2/NDF : 1948.8/11

6.377 $\pm$ 0.441 χ^2/NDF : 10176.9/26

41.134 $\pm$ 0.607 χ^2/NDF : 1298.2/14

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.350 ± 0.374 χ^2/NDF : 216.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.196 ± 0.388 χ^2/NDF : 192.2/14

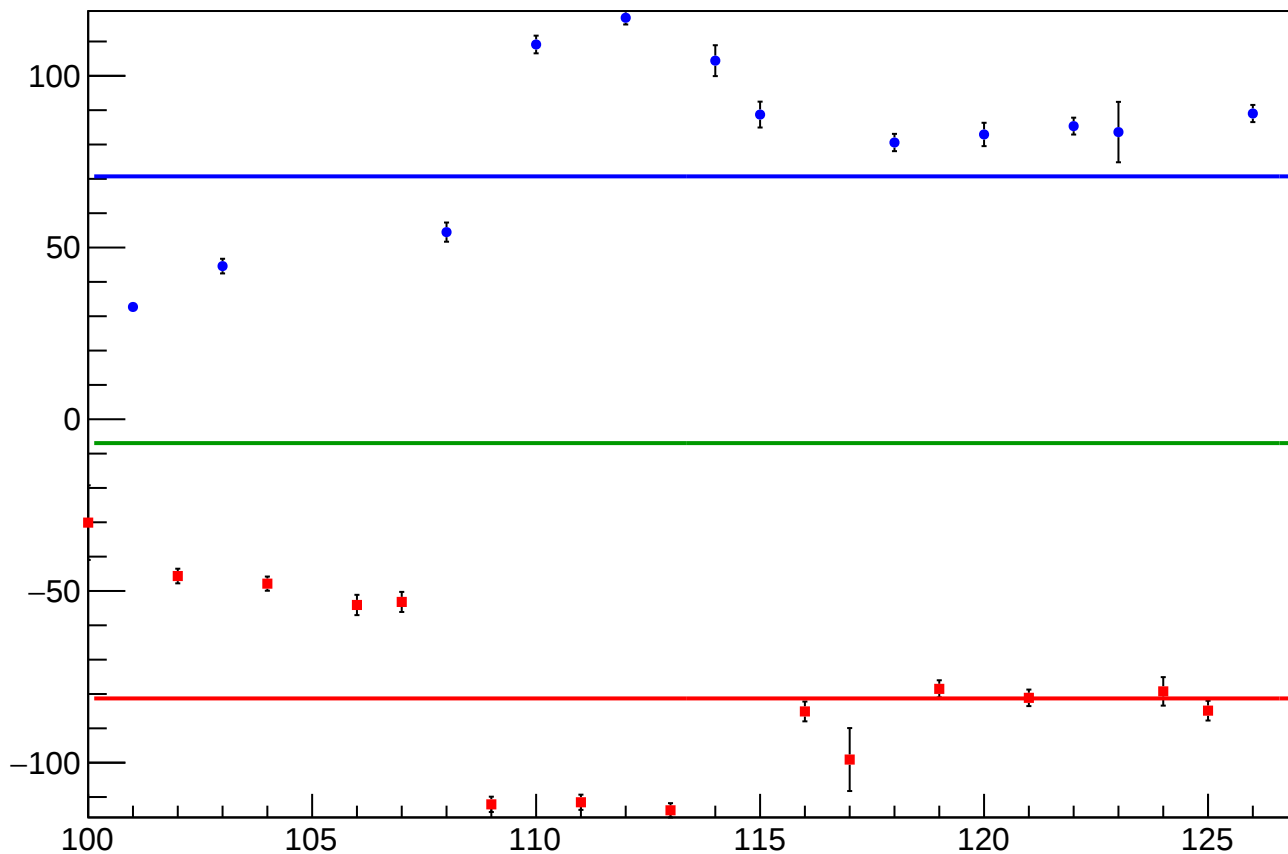
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.350 ± 0.374 χ^2/NDF : 216.1/11

-0.281 ± 0.269 χ^2/NDF : 604.3/26

-4.196 ± 0.388 χ^2/NDF : 192.2/14

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.725+/-0.705 χ^2/NDF : 1958.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.291+/-0.689 χ^2/NDF : 1406.0/14

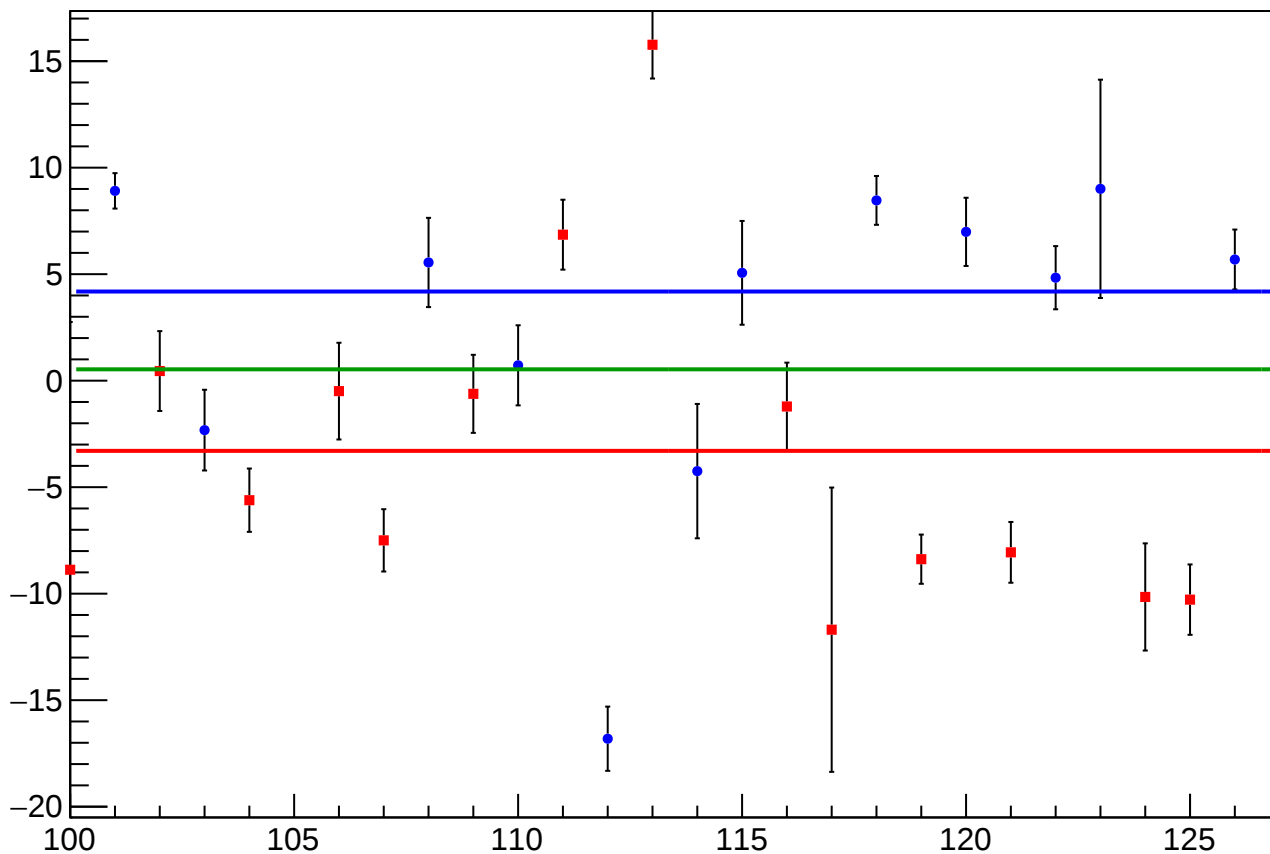
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.725+/-0.705 χ^2/NDF : 1958.9/11

-6.943+/-0.493 χ^2/NDF : 27150.9/26

-81.291+/-0.689 χ^2/NDF : 1406.0/14

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.185+/-0.443 χ^2/NDF : 268.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.295+/-0.454 χ^2/NDF : 264.1/14

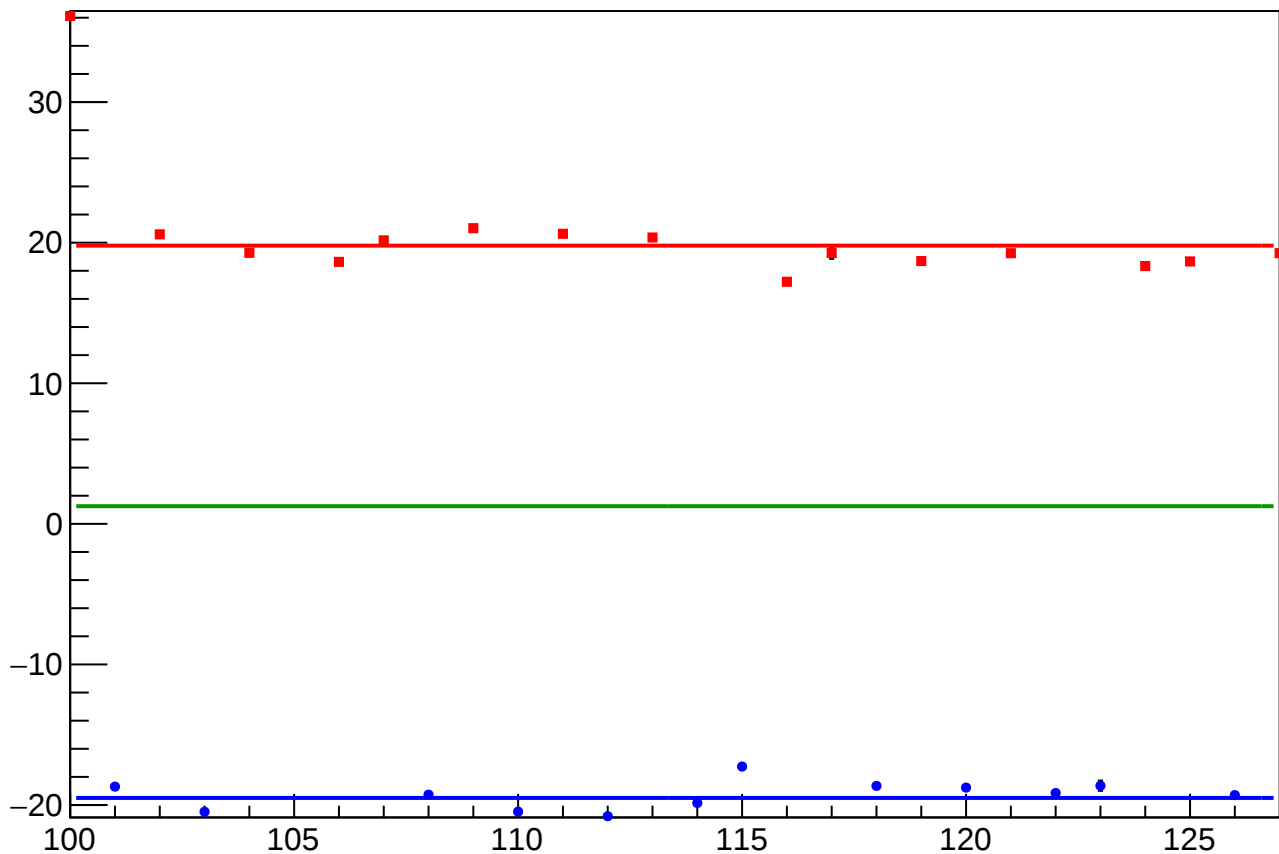
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.185+/-0.443 χ^2/NDF : 268.3/11

0.533+/-0.317 χ^2/NDF : 671.6/26

-3.295+/-0.454 χ^2/NDF : 264.1/14

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.495 ± 0.024 $\chi^2/\text{NDF}: 1280.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 19.789 ± 0.023 $\chi^2/\text{NDF}: 3743.0/14$

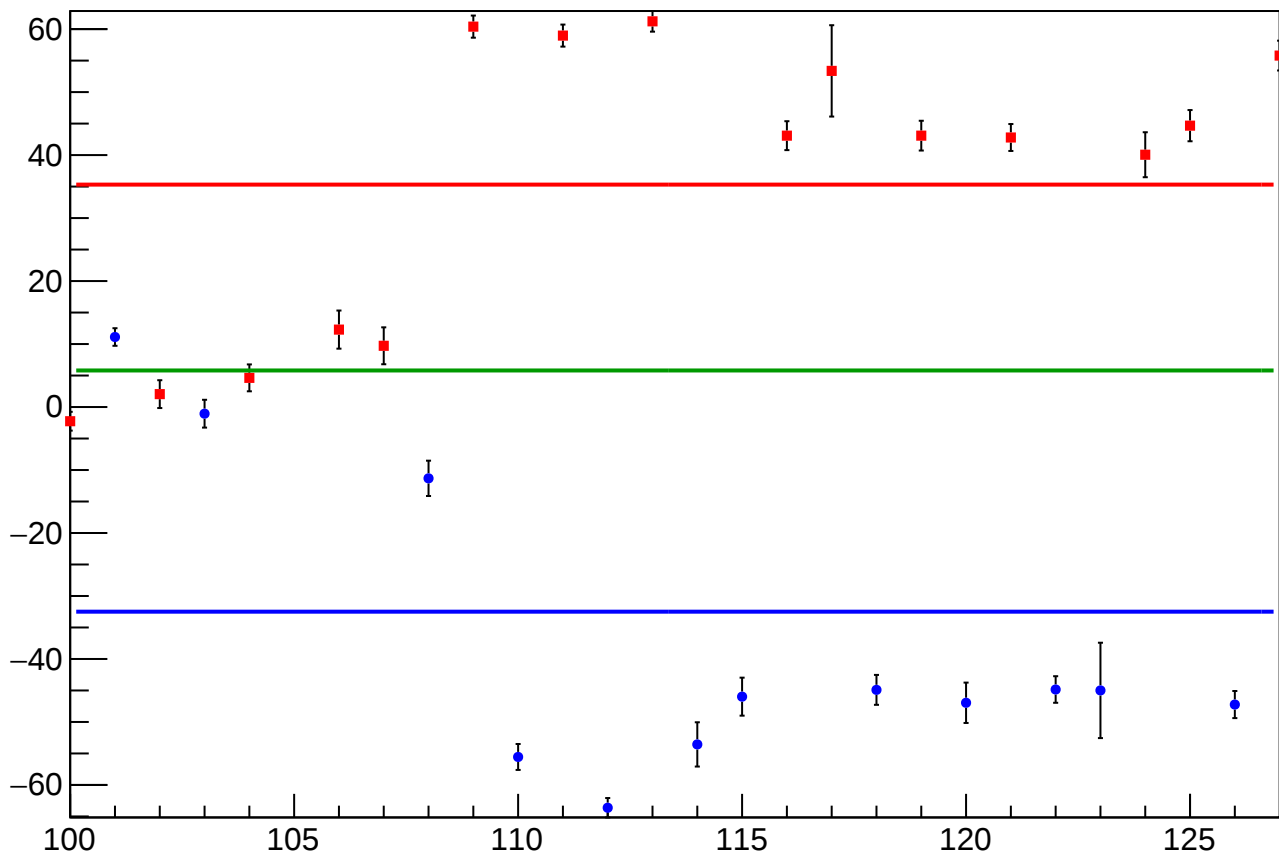
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.495 ± 0.024 $\chi^2/\text{NDF}: 1280.5/11$

1.255 ± 0.017 $\chi^2/\text{NDF}: 1376171.8/26$

19.789 ± 0.023 $\chi^2/\text{NDF}: 3743.0/14$

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.490+/-0.642 χ^2/NDF : 1956.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.312+/-0.564 χ^2/NDF : 1969.3/14

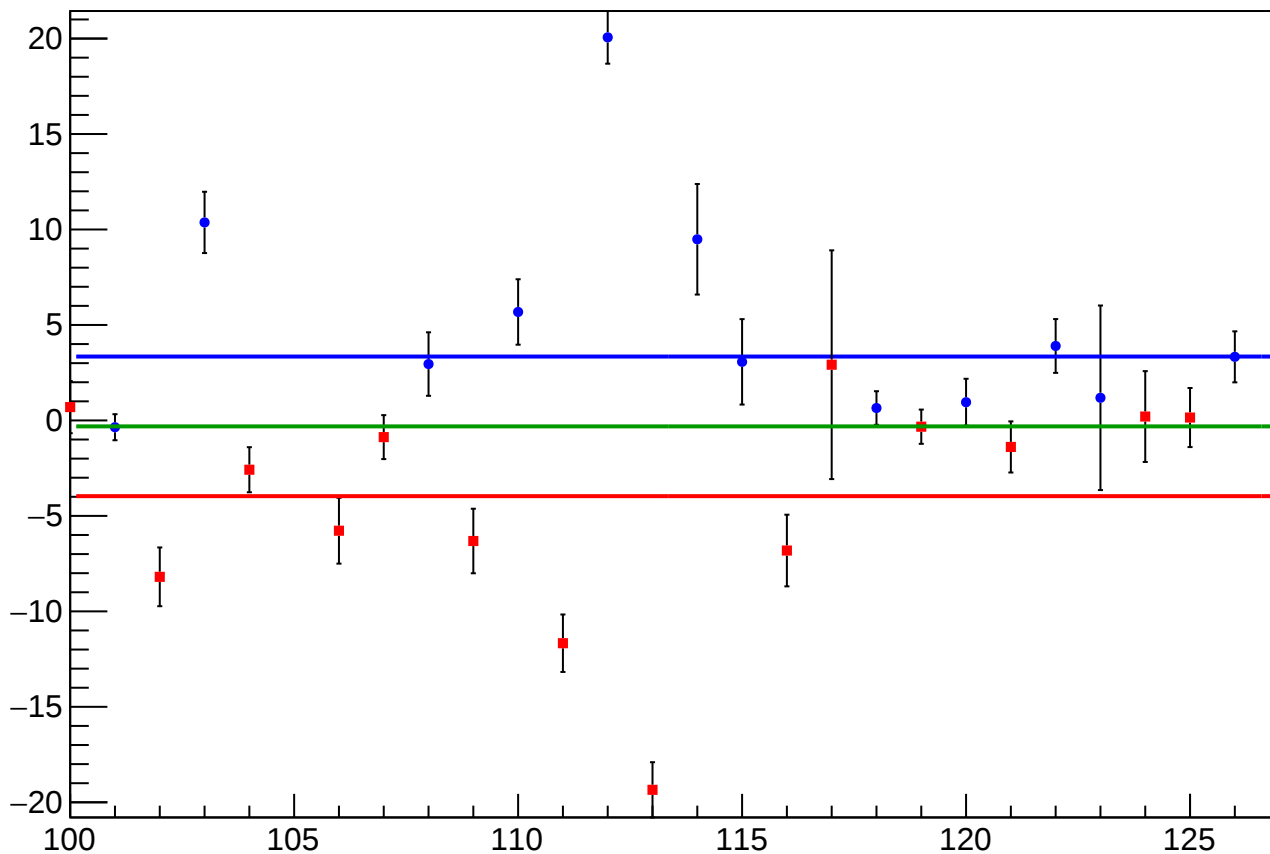
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.490+/-0.642 χ^2/NDF : 1956.4/11

5.804+/-0.424 χ^2/NDF : 10224.4/26

35.312+/-0.564 χ^2/NDF : 1969.3/14

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.346 ± 0.374 χ^2/NDF : 215.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.966 ± 0.374 χ^2/NDF : 204.3/14

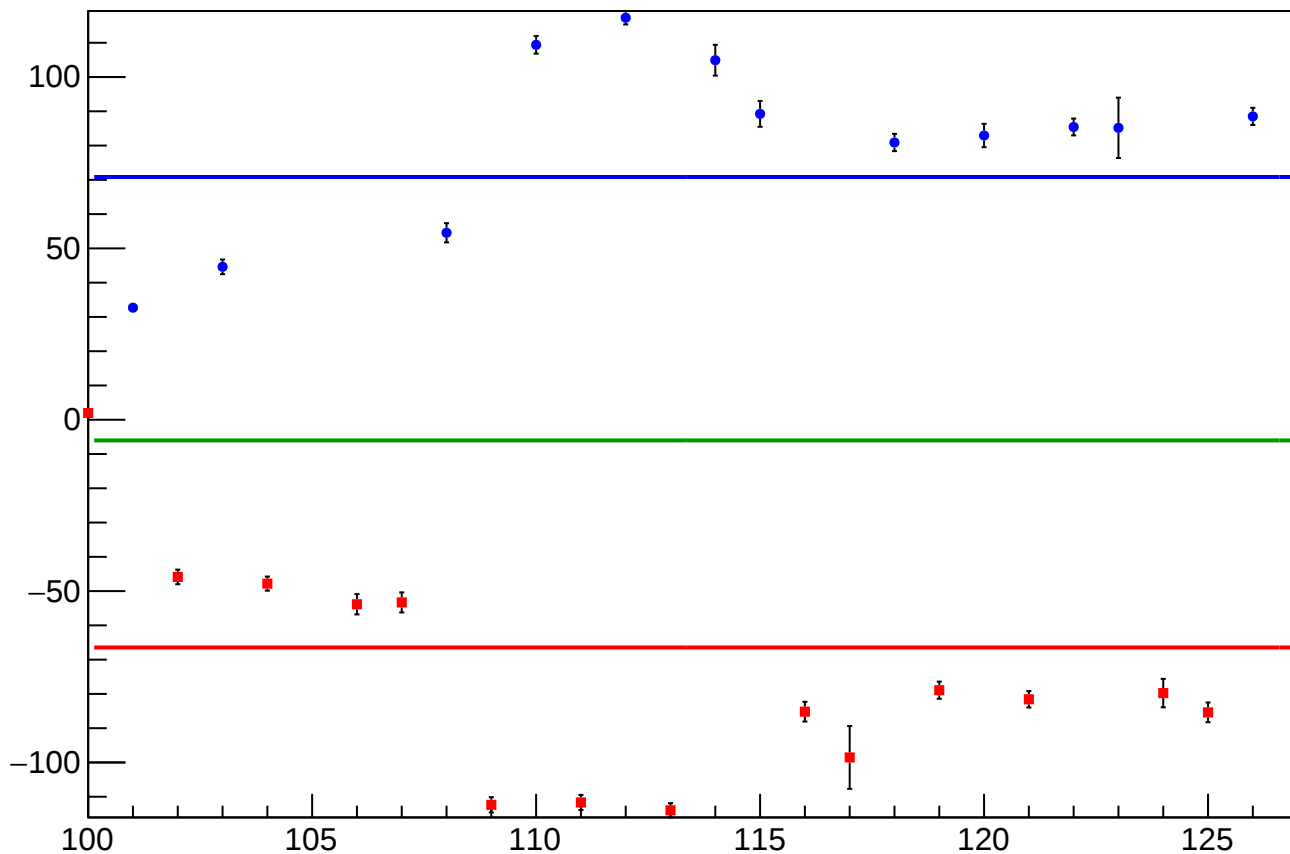
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.346 ± 0.374 χ^2/NDF : 215.5/11

-0.312 ± 0.264 χ^2/NDF : 610.8/26

-3.966 ± 0.374 χ^2/NDF : 204.3/14

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.833+/-0.705 χ^2 /NDF: 1971.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -66.454+/-0.625 χ^2 /NDF: 4056.7/14

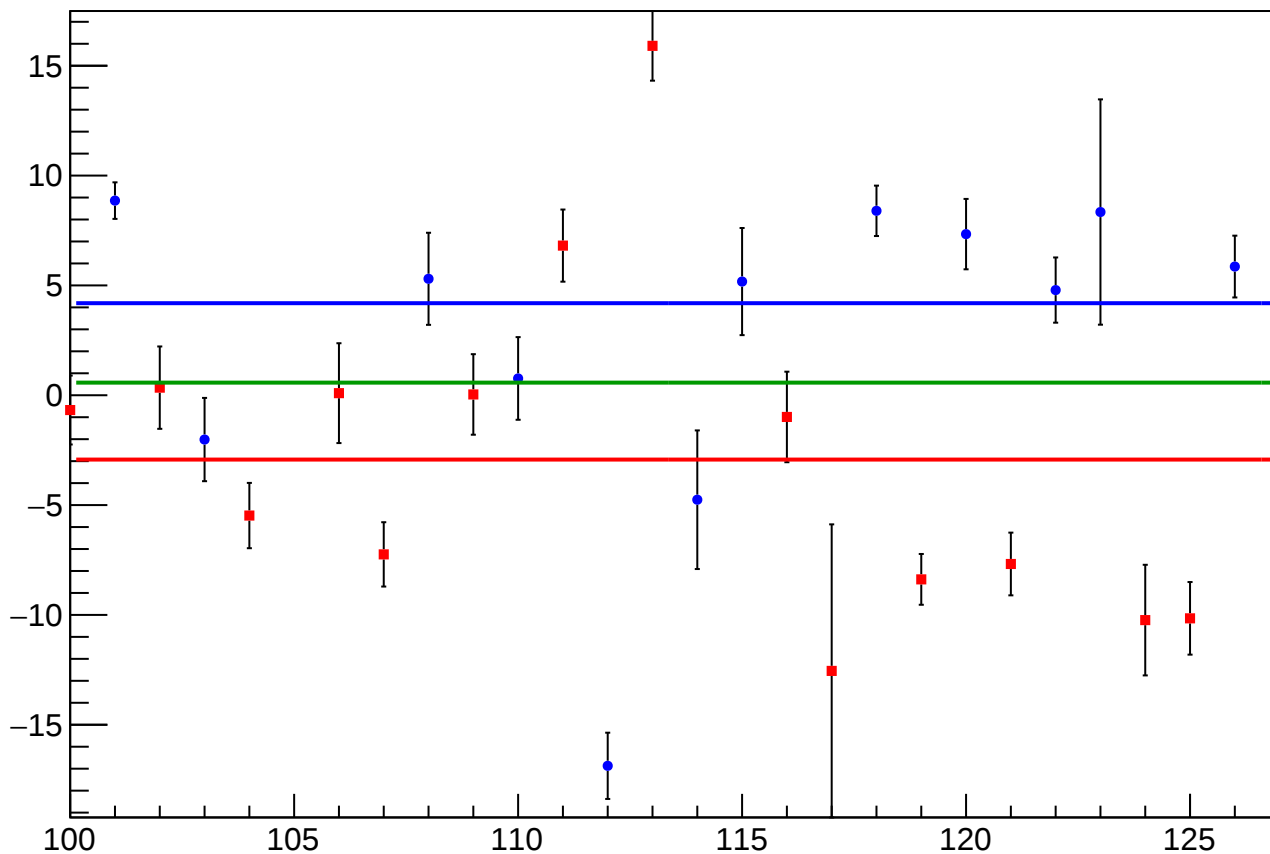
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

70.833+/-0.705 χ^2 /NDF: 1971.2/11

-6.029+/-0.468 χ^2 /NDF: 27262.7/26

-66.454+/-0.625 χ^2 /NDF: 4056.7/14

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.191+/-0.443 χ^2/NDF : 268.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.928+/-0.436 χ^2/NDF : 265.8/14

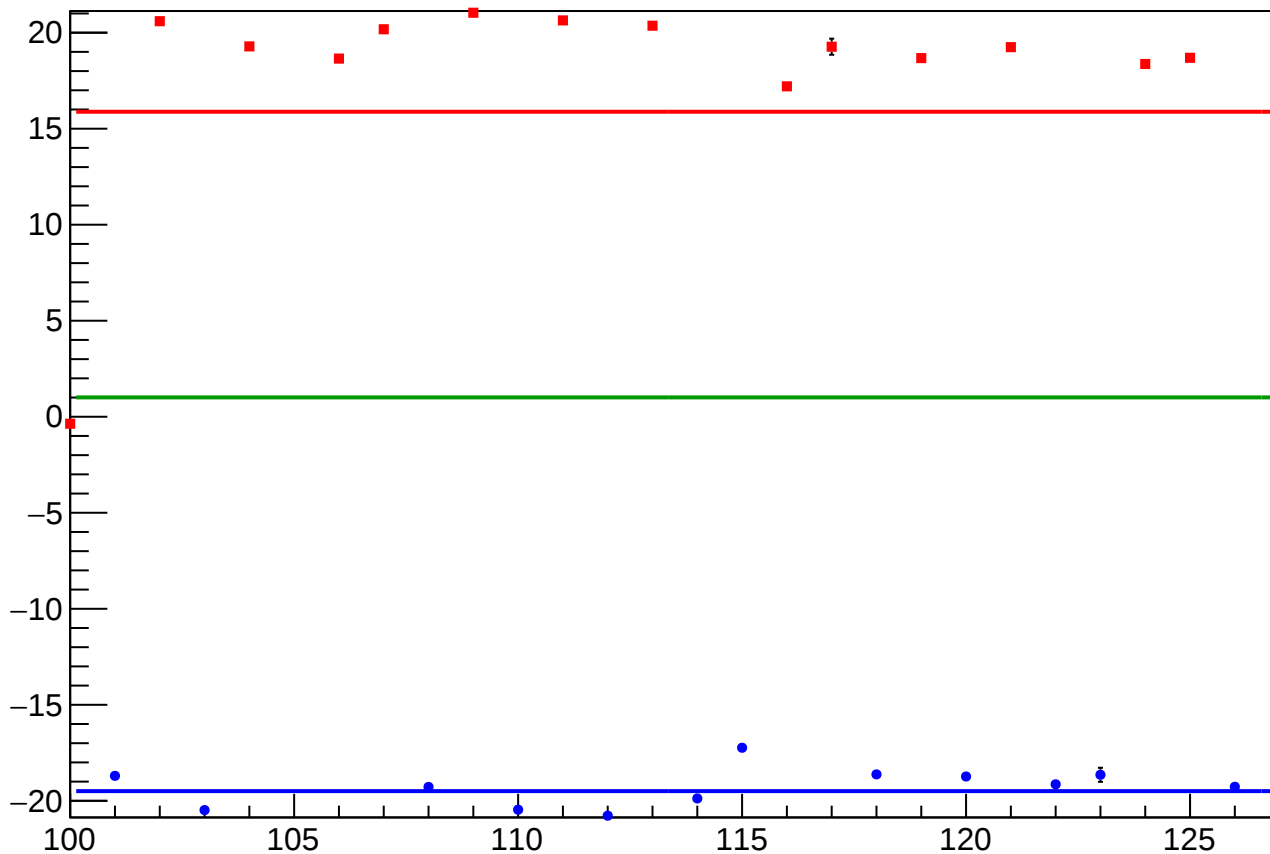
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.191+/-0.443 χ^2/NDF : 268.5/11

0.574+/-0.311 χ^2/NDF : 665.3/26

-2.928+/-0.436 χ^2/NDF : 265.8/14

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.495 ± 0.024 $\chi^2/\text{NDF}: 1280.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.883 ± 0.021 $\chi^2/\text{NDF}: 146171.7/14$

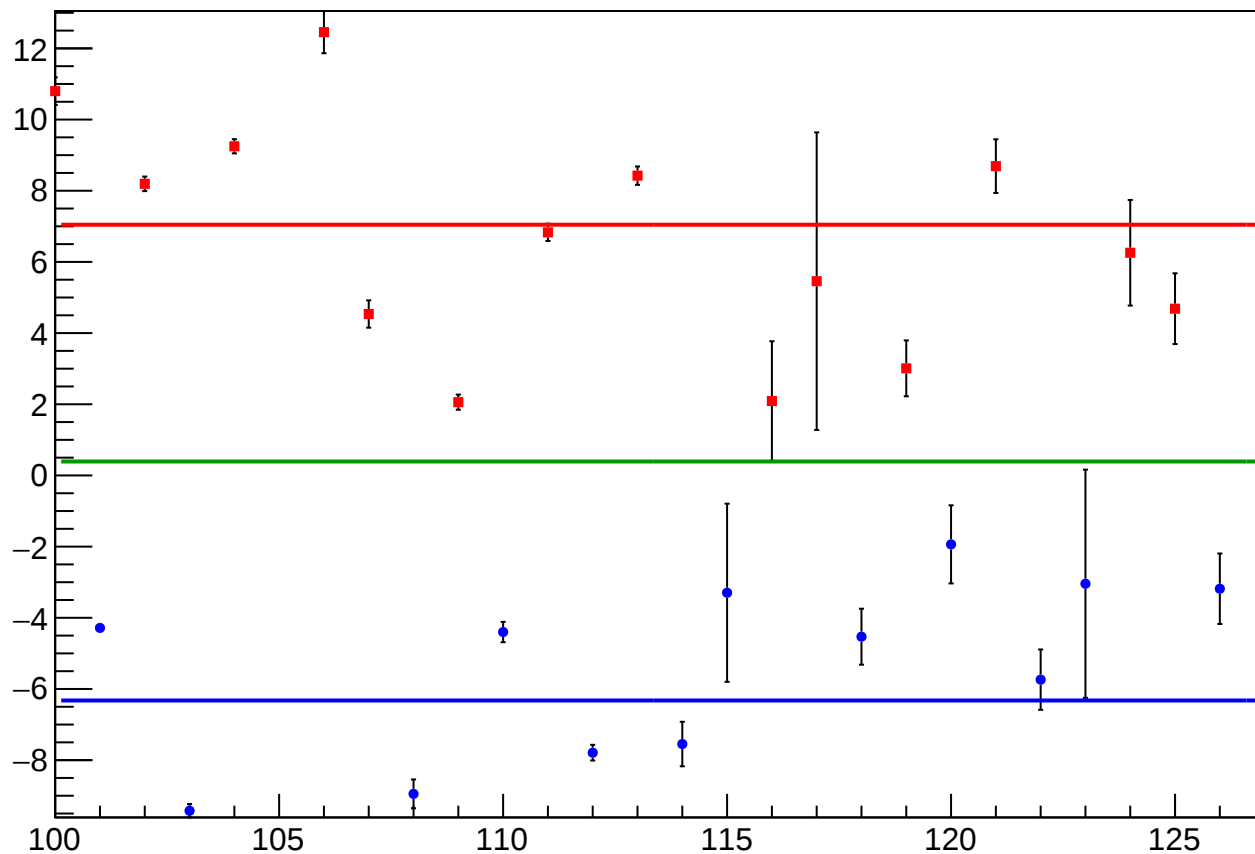
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.495 ± 0.024 $\chi^2/\text{NDF}: 1280.4/11$

1.008 ± 0.016 $\chi^2/\text{NDF}: 1366269.8/26$

15.883 ± 0.021 $\chi^2/\text{NDF}: 146171.7/14$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.323+/-0.090 χ^2/NDF : 647.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.046+/-0.089 χ^2/NDF : 1012.8/14

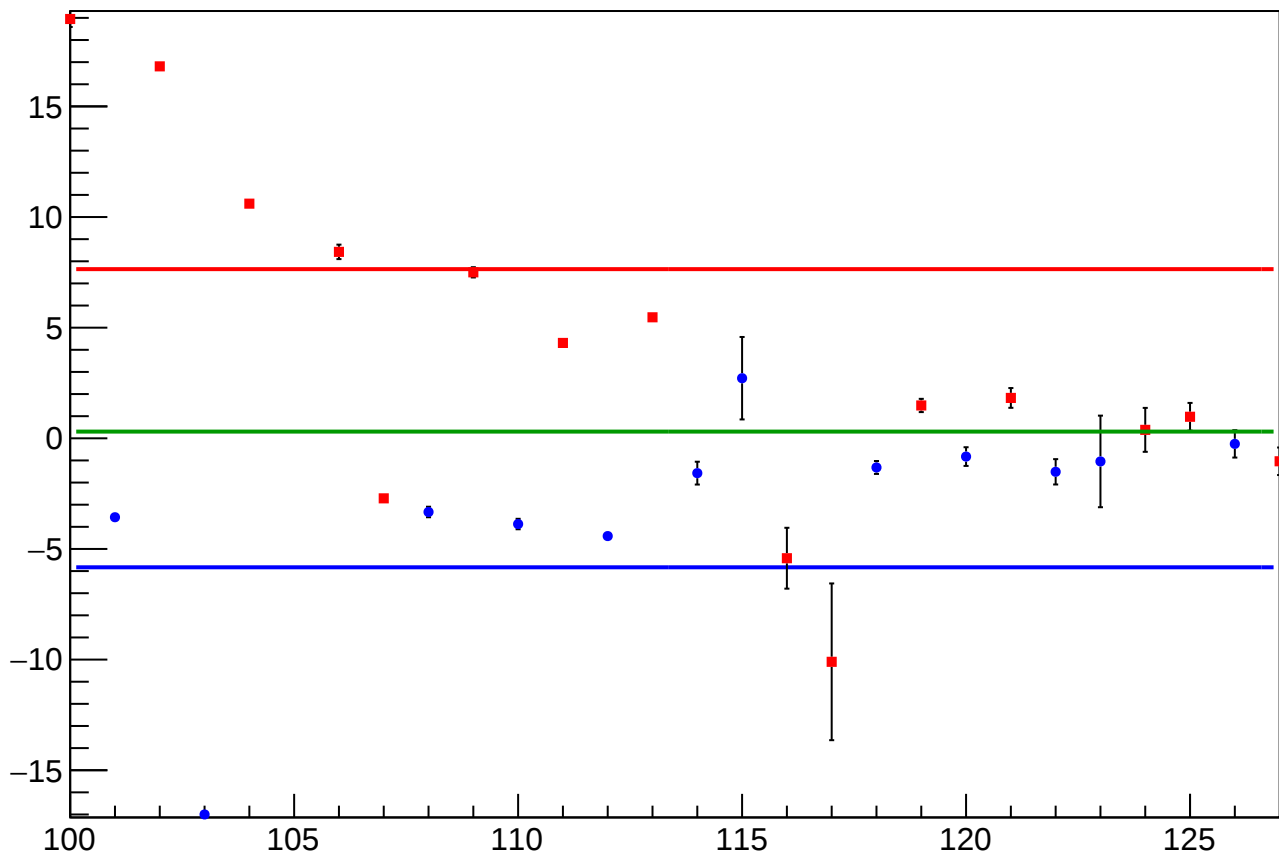
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.323+/-0.090 χ^2/NDF : 647.3/11

0.392+/-0.063 χ^2/NDF : 12835.9/26

7.046+/-0.089 χ^2/NDF : 1012.8/14

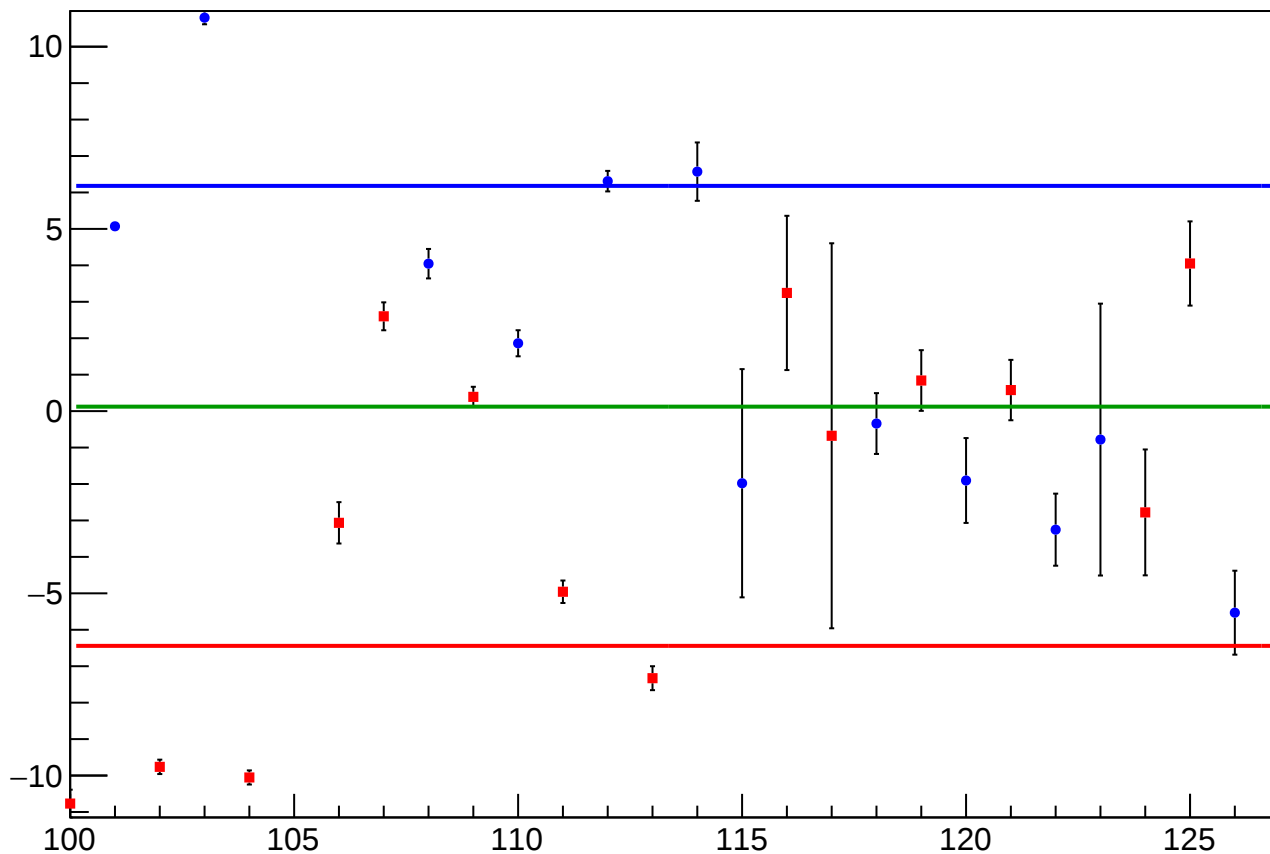
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.829+/-0.057 χ^2/NDF : 8527.4/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 7.645+/-0.062 χ^2/NDF : 11424.1/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.829+/-0.057 χ^2/NDF : 8527.4/11
 0.304+/-0.042 χ^2/NDF : 45290.9/26
 7.645+/-0.062 χ^2/NDF : 11424.1/14

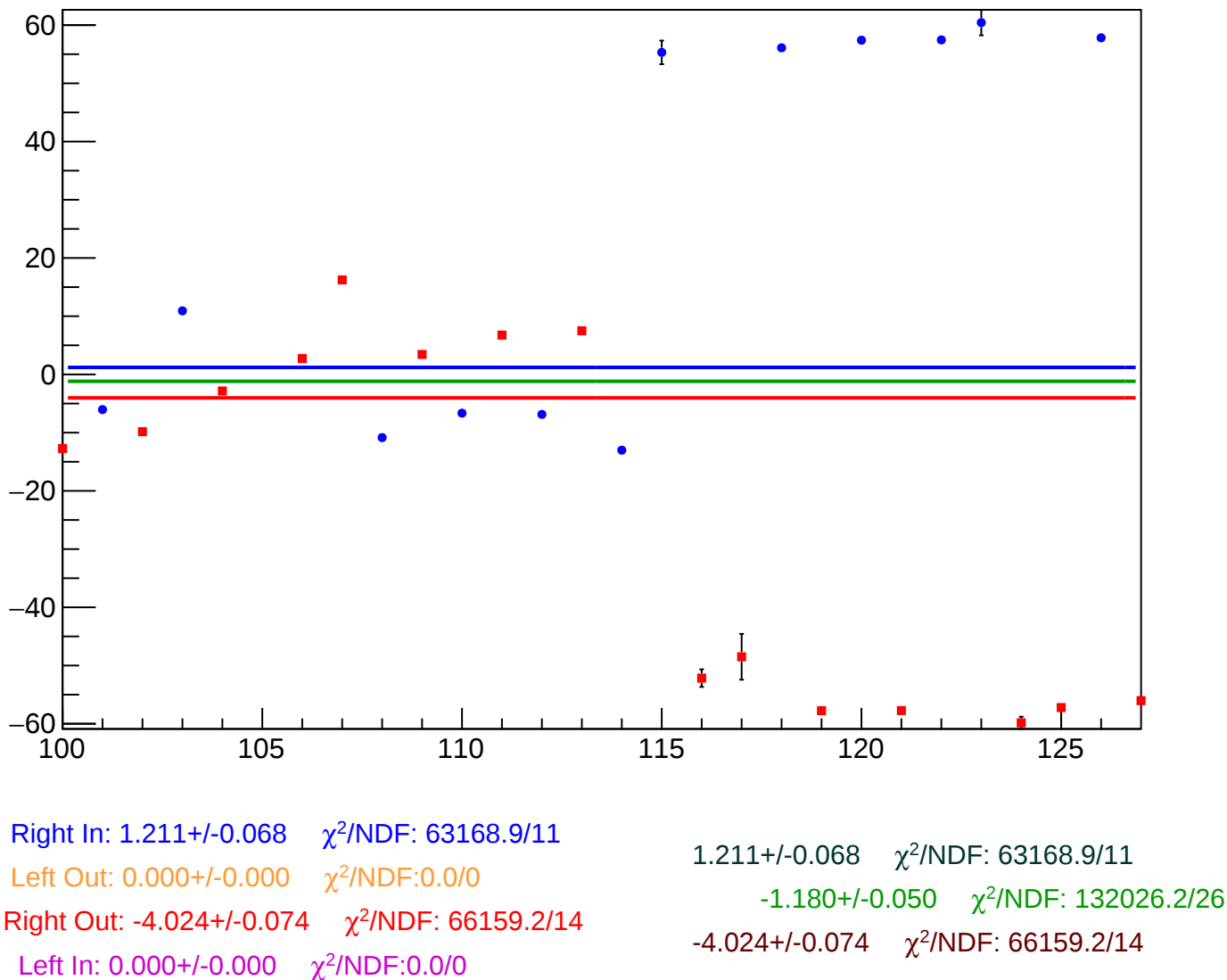
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



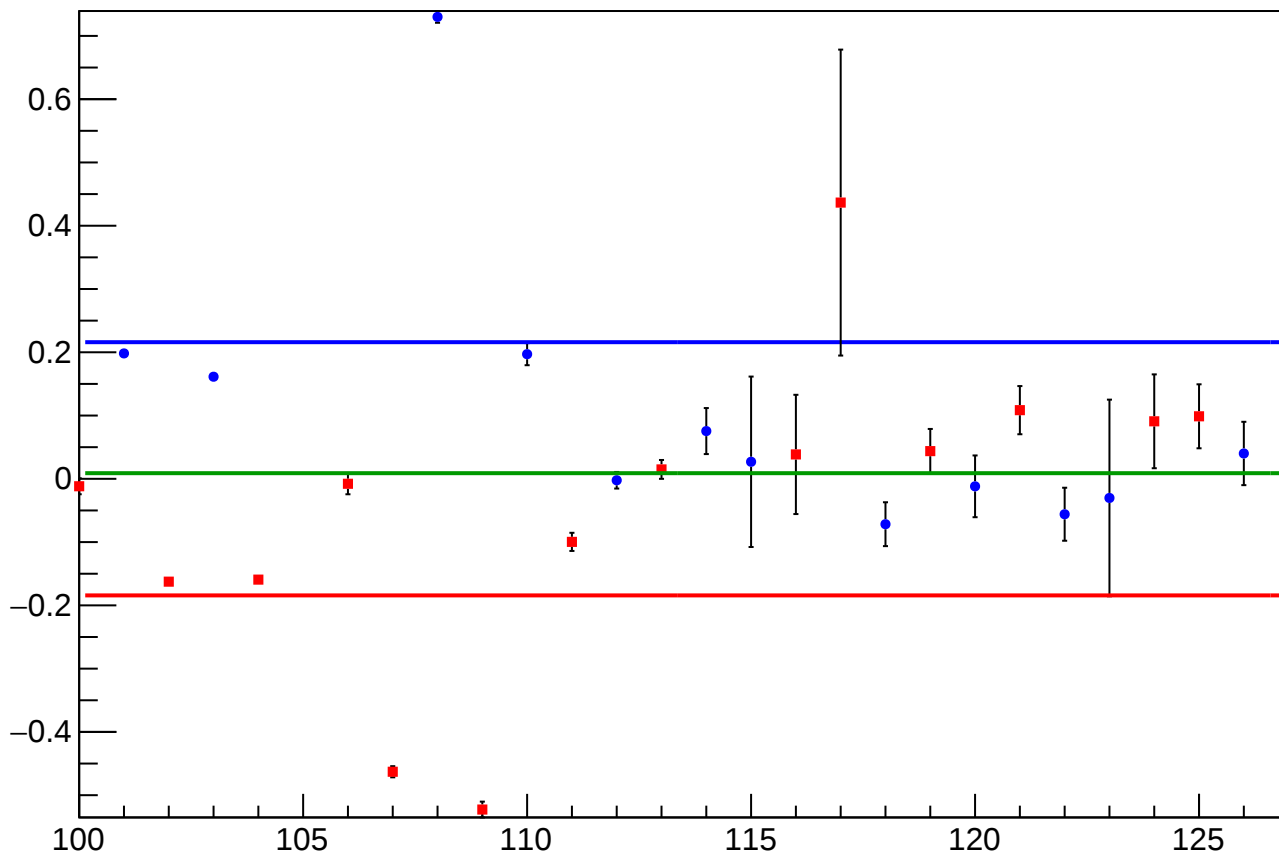
Right In: 6.181 $\pm$ 0.093 χ^2 /NDF: 1196.5/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -6.442 $\pm$ 0.097 χ^2 /NDF: 2365.6/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.181 $\pm$ 0.093 χ^2 /NDF: 1196.5/11
 0.123 $\pm$ 0.067 χ^2 /NDF: 12434.5/26
 -6.442 $\pm$ 0.097 χ^2 /NDF: 2365.6/14

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.216+/-0.003 χ^2/NDF : 3699.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.184+/-0.003 χ^2/NDF : 2467.8/14

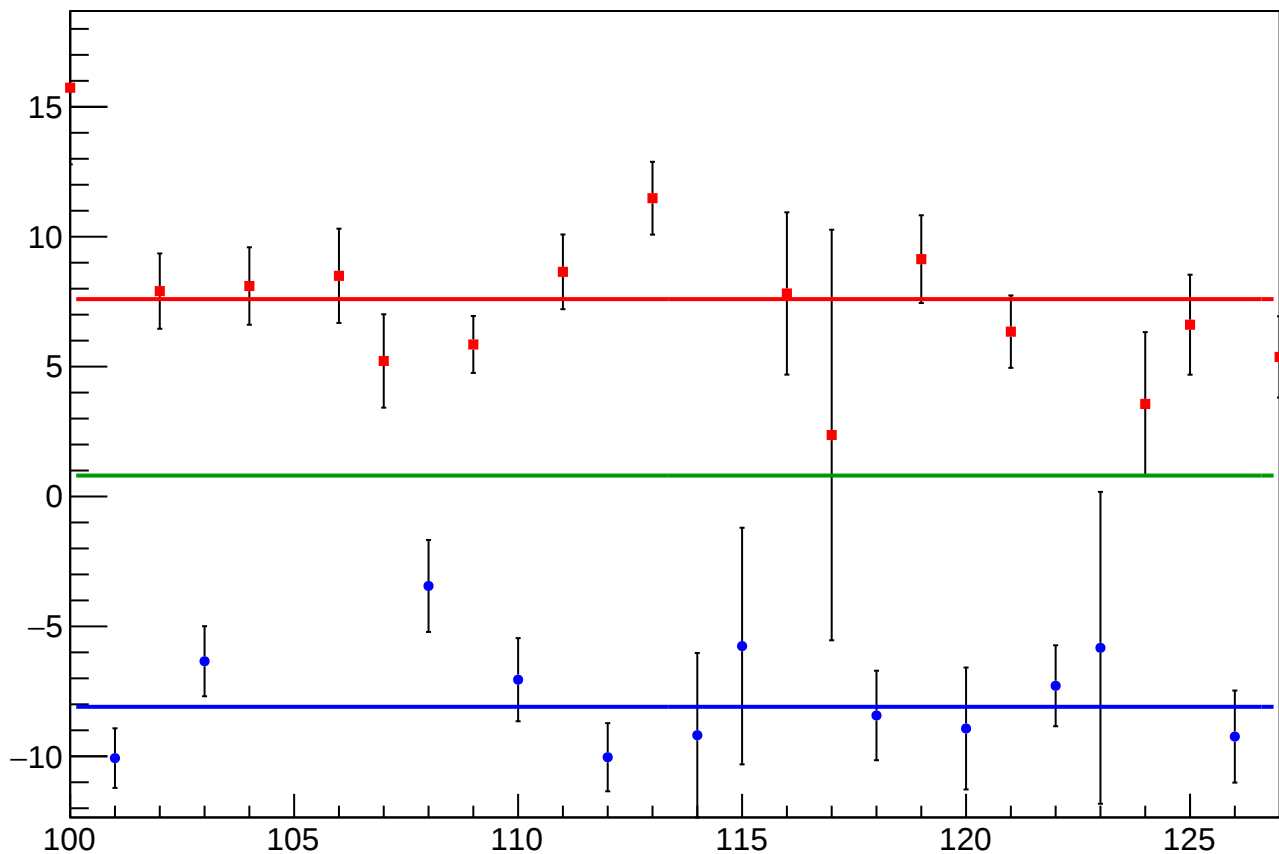
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.216+/-0.003 χ^2/NDF : 3699.0/11

0.009+/-0.002 χ^2/NDF : 16233.4/26

-0.184+/-0.003 χ^2/NDF : 2467.8/14

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.095+/-0.498 χ^2/NDF : 15.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.598+/-0.435 χ^2/NDF : 27.0/14

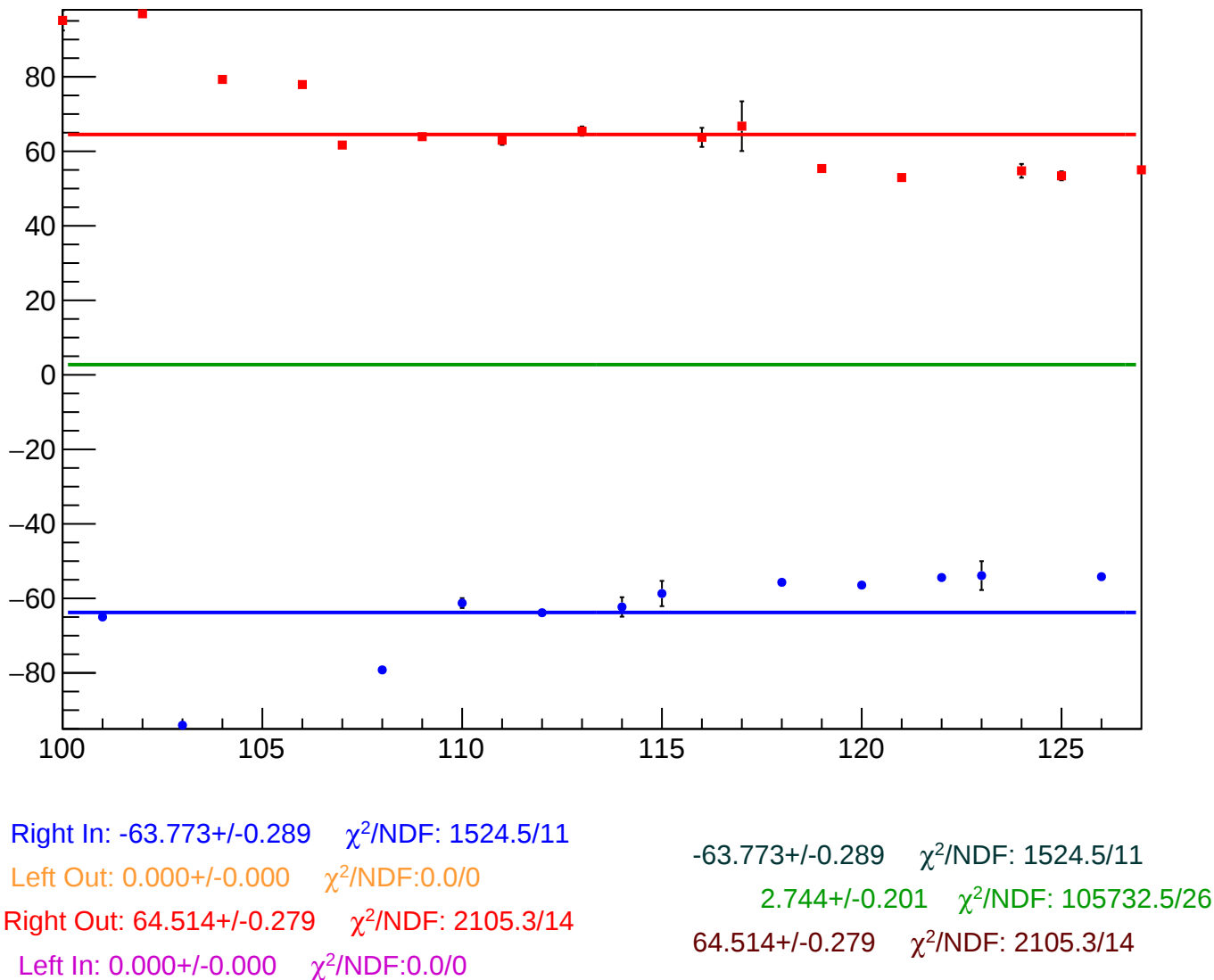
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.095+/-0.498 χ^2/NDF : 15.6/11

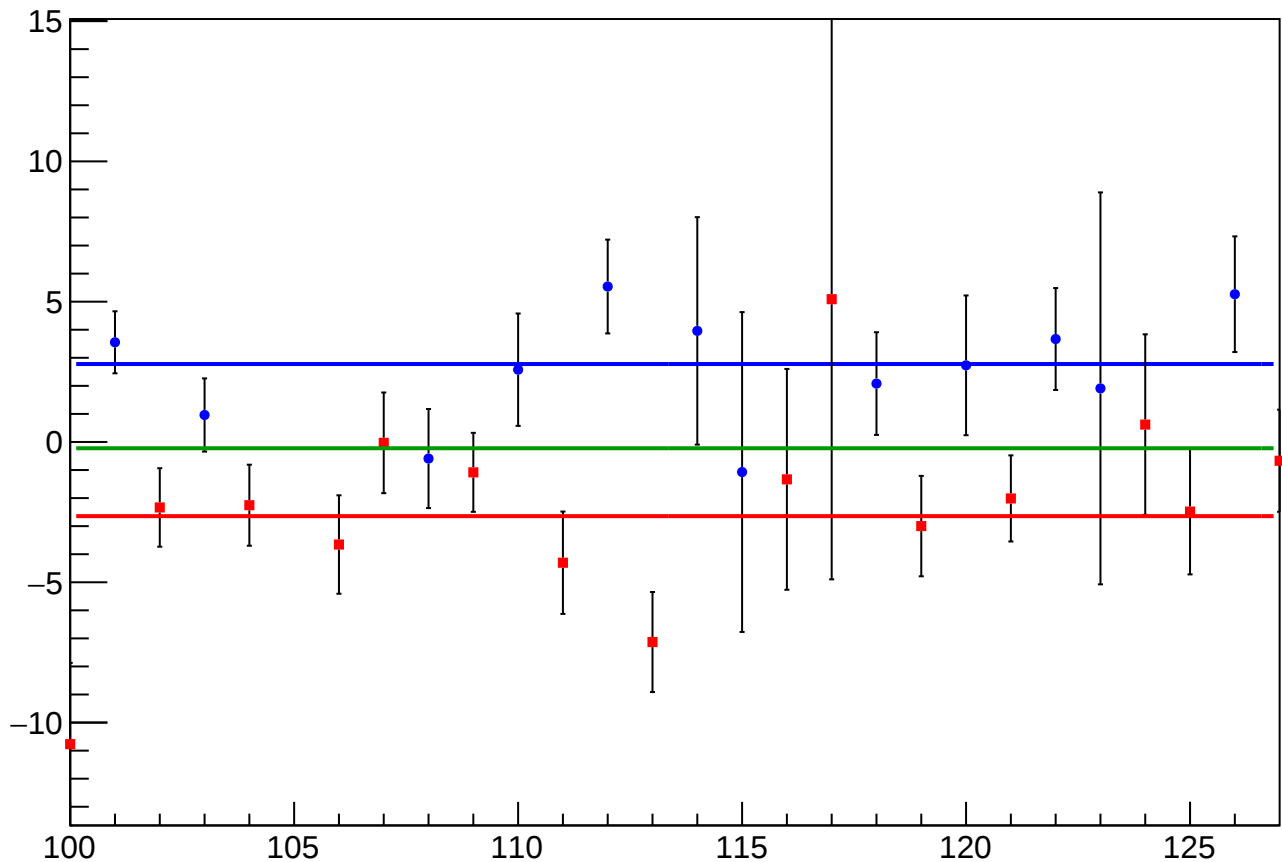
0.806+/-0.328 χ^2/NDF : 604.7/26

7.598+/-0.435 χ^2/NDF : 27.0/14

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



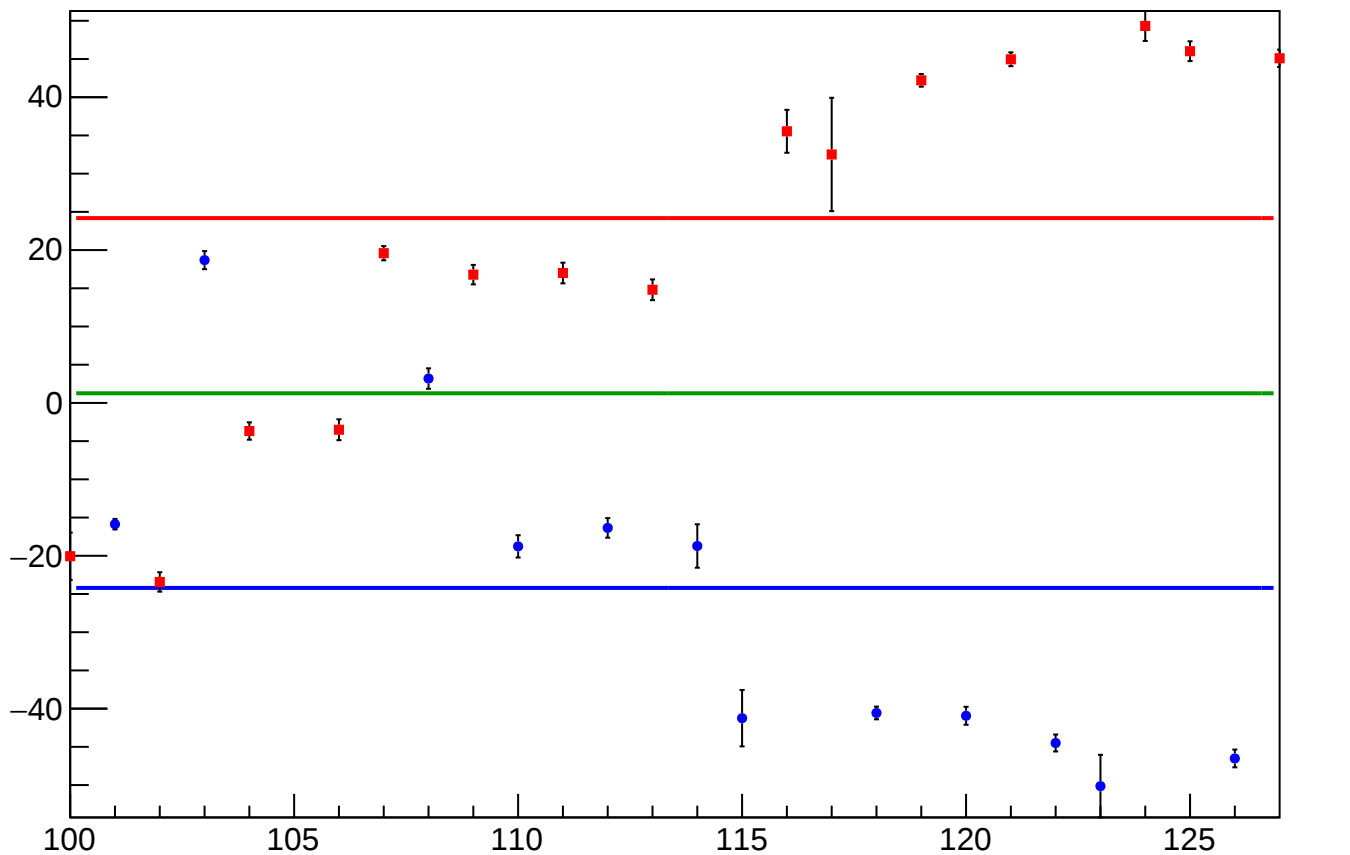
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.778+/-0.539 χ^2/NDF : 11.2/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.643+/-0.484 χ^2/NDF : 22.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.778+/-0.539 χ^2/NDF : 11.2/11
 -0.224+/-0.360 χ^2/NDF : 89.2/26
 -2.643+/-0.484 χ^2/NDF : 22.0/14

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.203 ± 0.345 χ^2/NDF : 3293.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 24.182 ± 0.327 χ^2/NDF : 4566.5/14

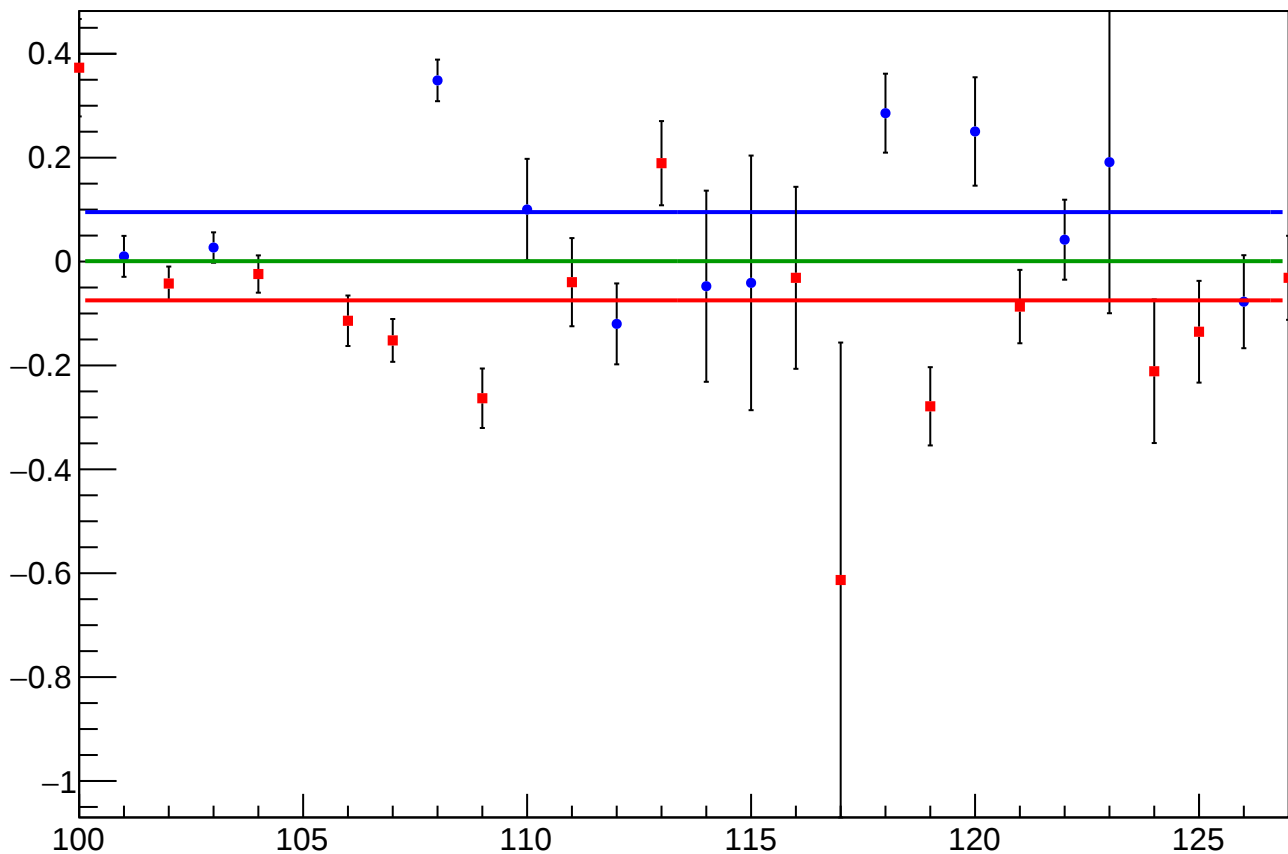
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-24.203 ± 0.345 χ^2/NDF : 3293.0/11

1.260 ± 0.237 χ^2/NDF : 18235.0/26

24.182 ± 0.327 χ^2/NDF : 4566.5/14

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.095+/-0.017 χ^2/NDF : 71.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.075+/-0.016 χ^2/NDF : 62.0/14

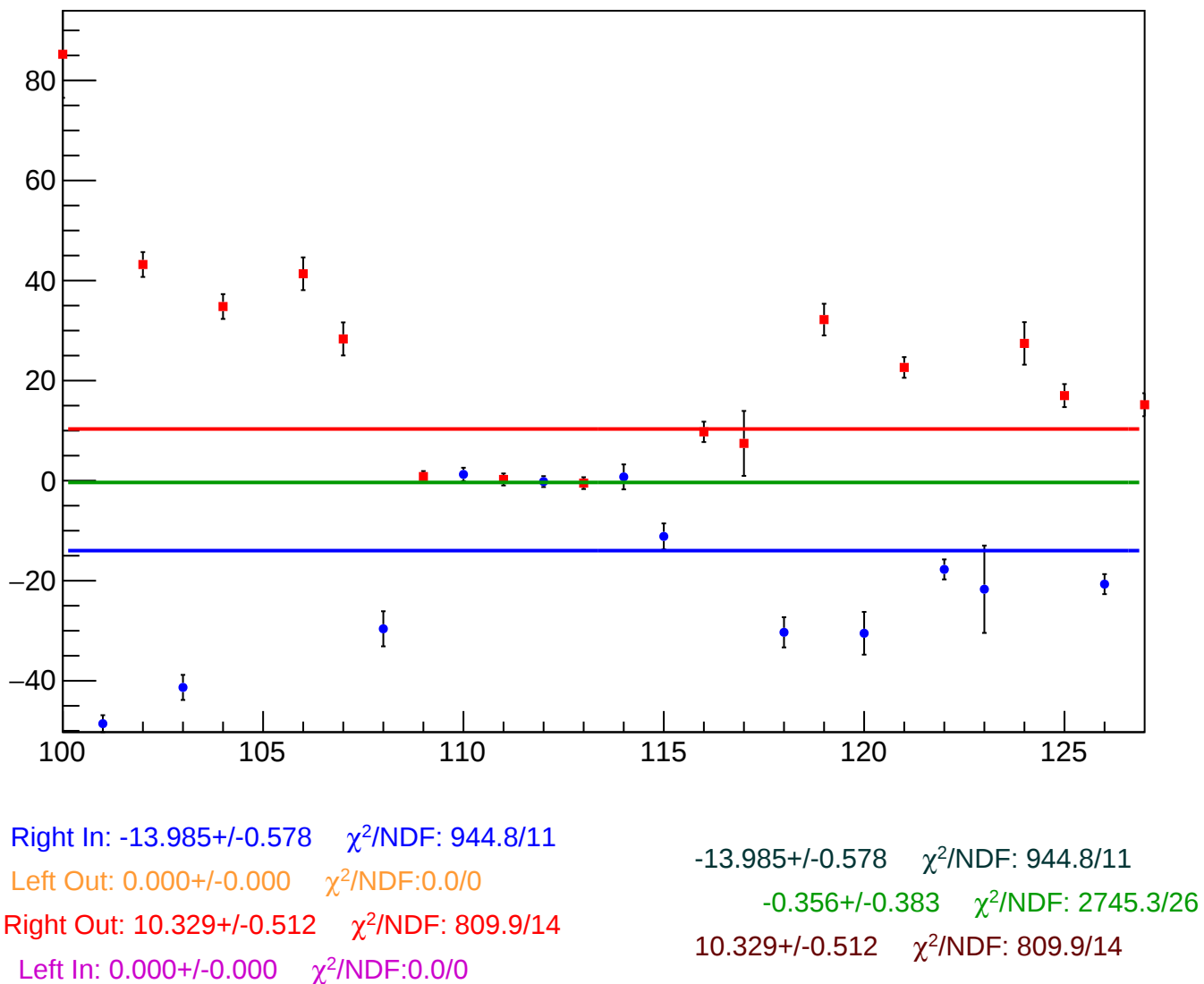
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.095+/-0.017 χ^2/NDF : 71.6/11

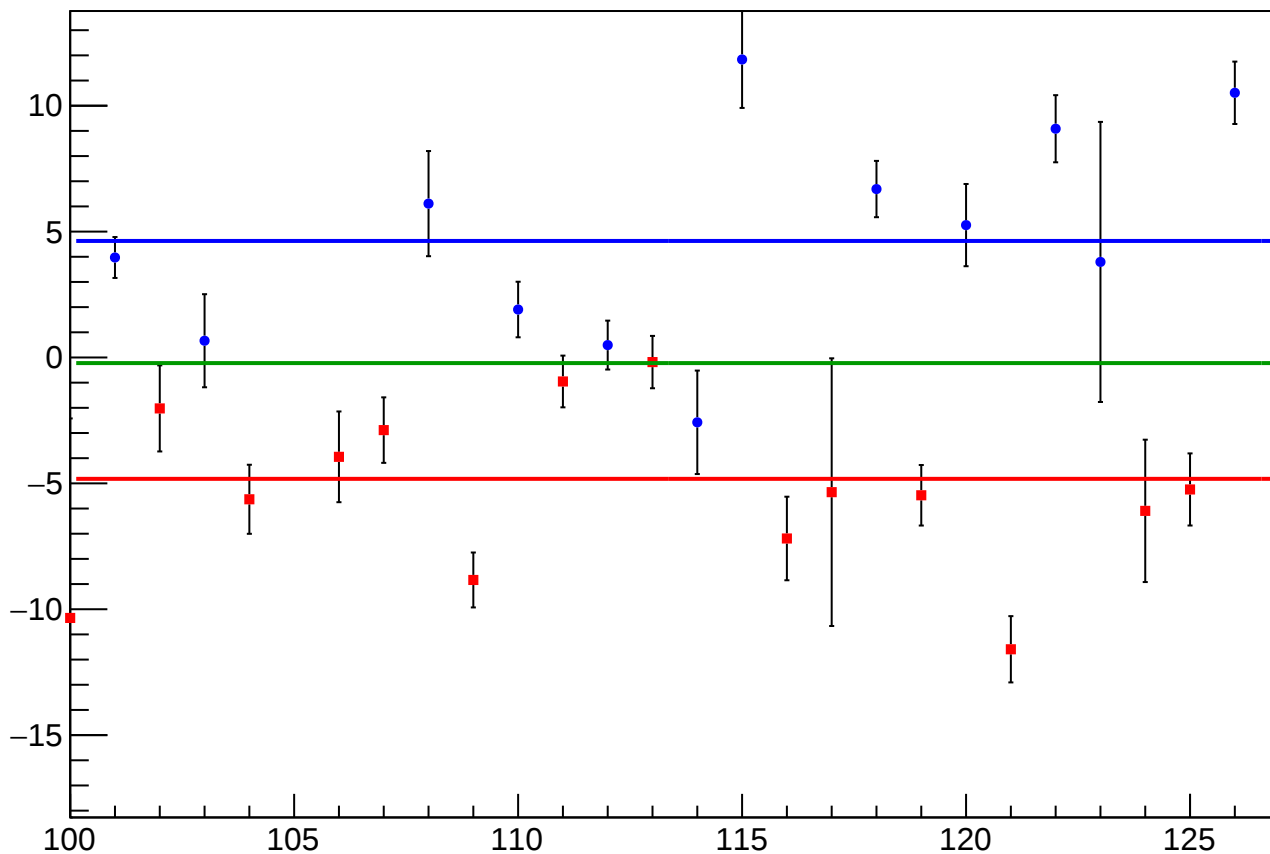
0.001+/-0.012 χ^2/NDF : 186.9/26

-0.075+/-0.016 χ^2/NDF : 62.0/14

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.629 ± 0.382 χ^2/NDF : 93.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.821 ± 0.372 χ^2/NDF : 84.2/14

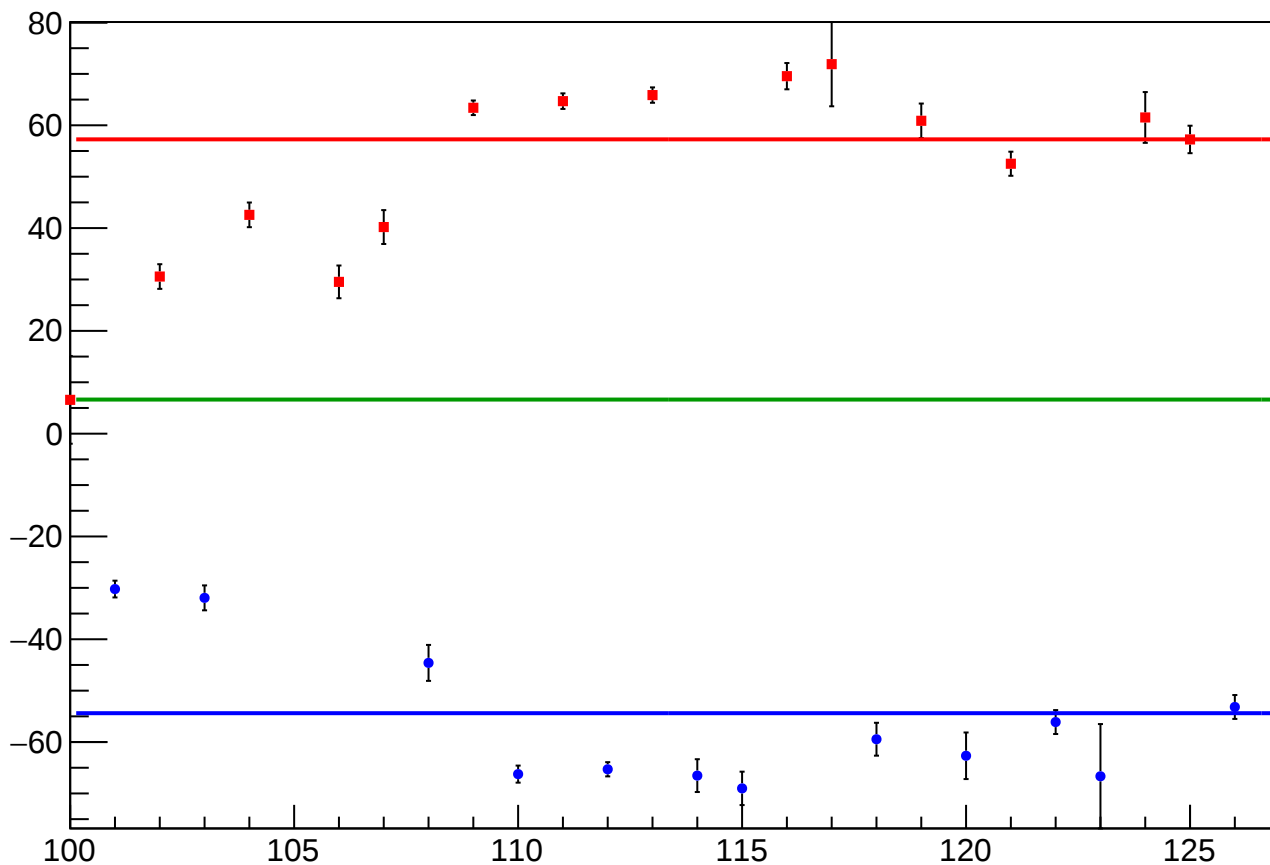
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.629 ± 0.382 χ^2/NDF : 93.6/11

-0.223 ± 0.267 χ^2/NDF : 491.5/26

-4.821 ± 0.372 χ^2/NDF : 84.2/14

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.385+/-0.669 χ^2/NDF : 468.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.264+/-0.610 χ^2/NDF : 408.1/14

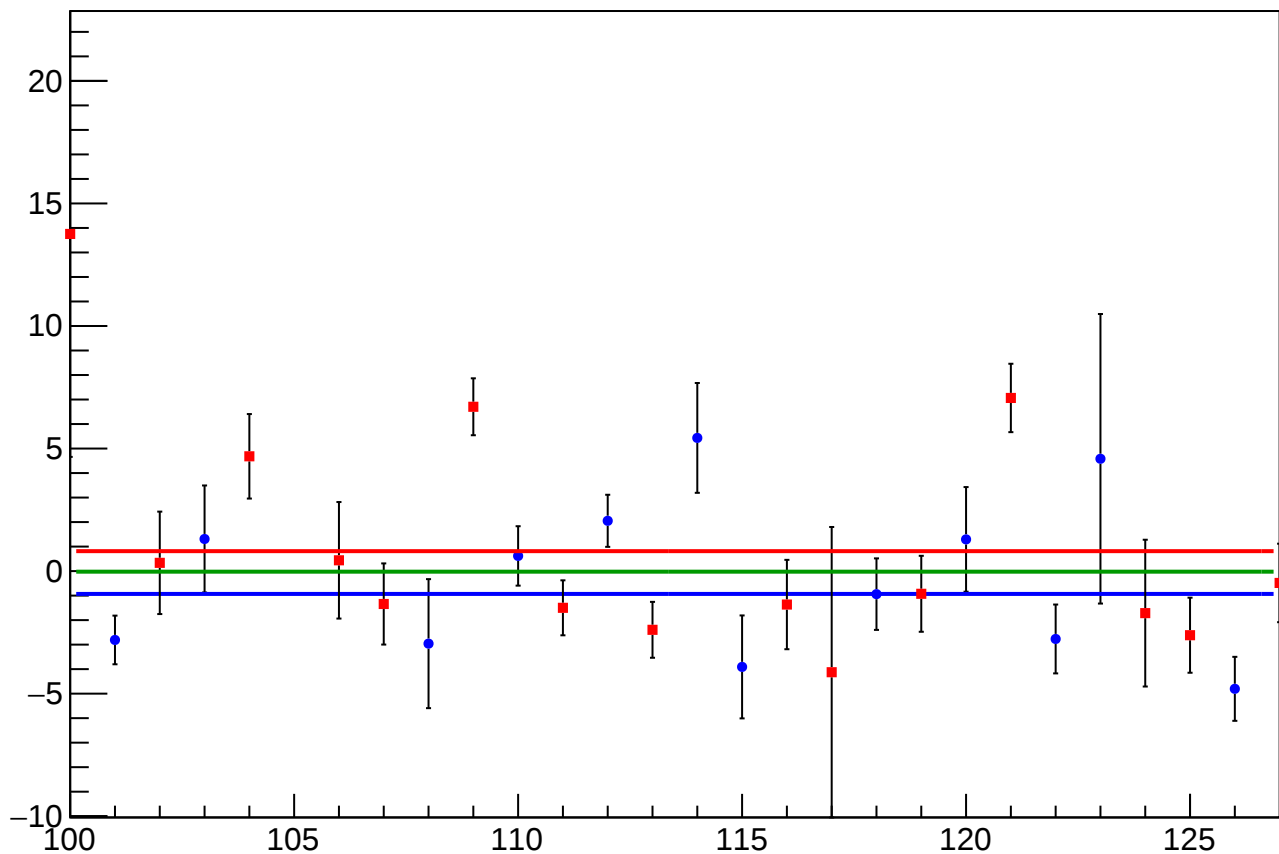
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-54.385+/-0.669 χ^2/NDF : 468.8/11

6.637+/-0.451 χ^2/NDF : 16082.2/26

57.264+/-0.610 χ^2/NDF : 408.1/14

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.932+/-0.440 χ^2/NDF : 37.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.814+/-0.422 χ^2/NDF : 76.6/14

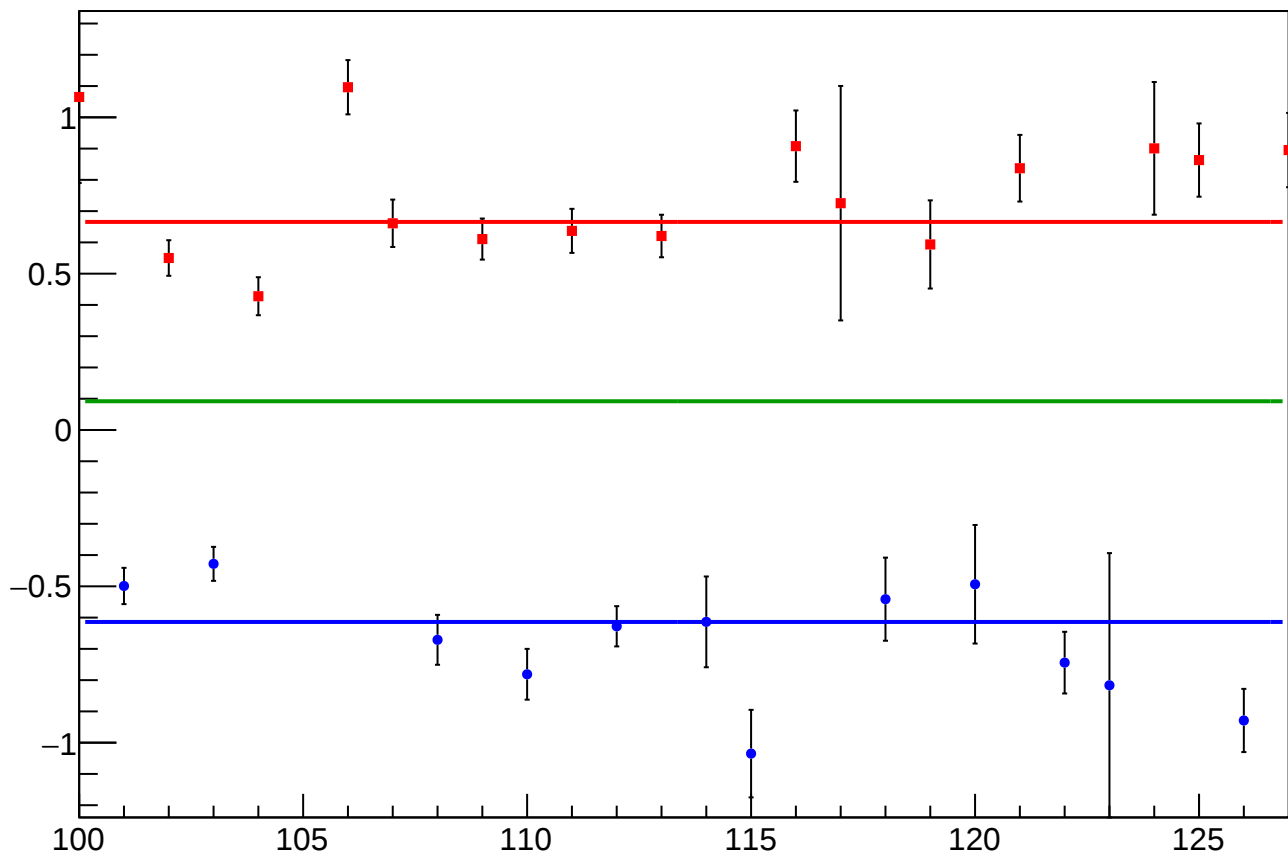
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.932+/-0.440 χ^2/NDF : 37.3/11

-0.023+/-0.304 χ^2/NDF : 122.1/26

0.814+/-0.422 χ^2/NDF : 76.6/14

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.614±/0.025 χ^2/NDF : 41.9/11

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 0.665±/0.023 χ^2/NDF : 62.7/14

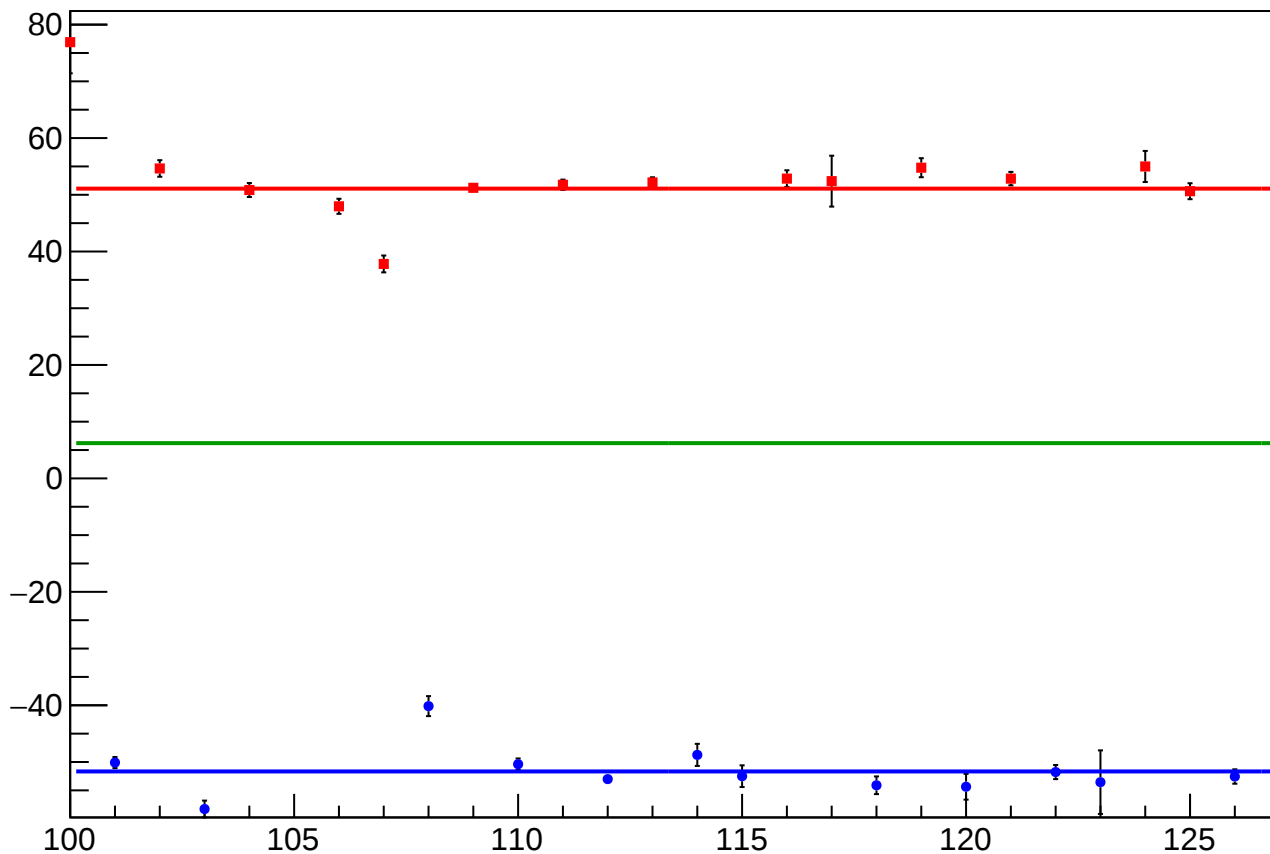
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-0.614±/0.025 χ^2/NDF : 41.9/11

0.092±/0.017 χ^2/NDF : 1526.5/26

0.665±/0.023 χ^2/NDF : 62.7/14

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.662 $\pm$ 0.388 χ^2 /NDF: 76.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.087 $\pm$ 0.342 χ^2 /NDF: 126.8/14

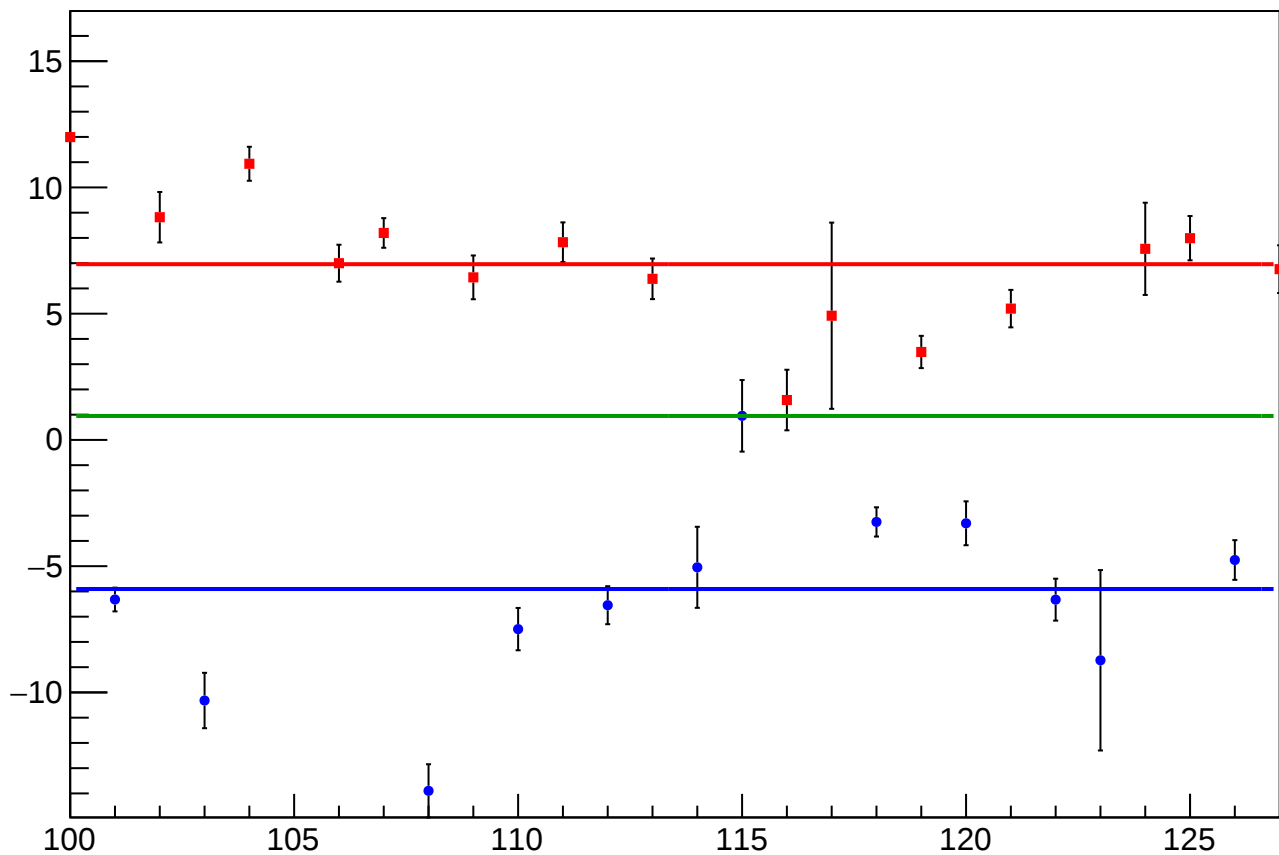
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-51.662 $\pm$ 0.388 χ^2 /NDF: 76.2/11

6.218 $\pm$ 0.256 χ^2 /NDF: 39731.2/26

51.087 $\pm$ 0.342 χ^2 /NDF: 126.8/14

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.904 ± 0.237 χ^2/NDF : 135.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.960 ± 0.222 χ^2/NDF : 103.2/14

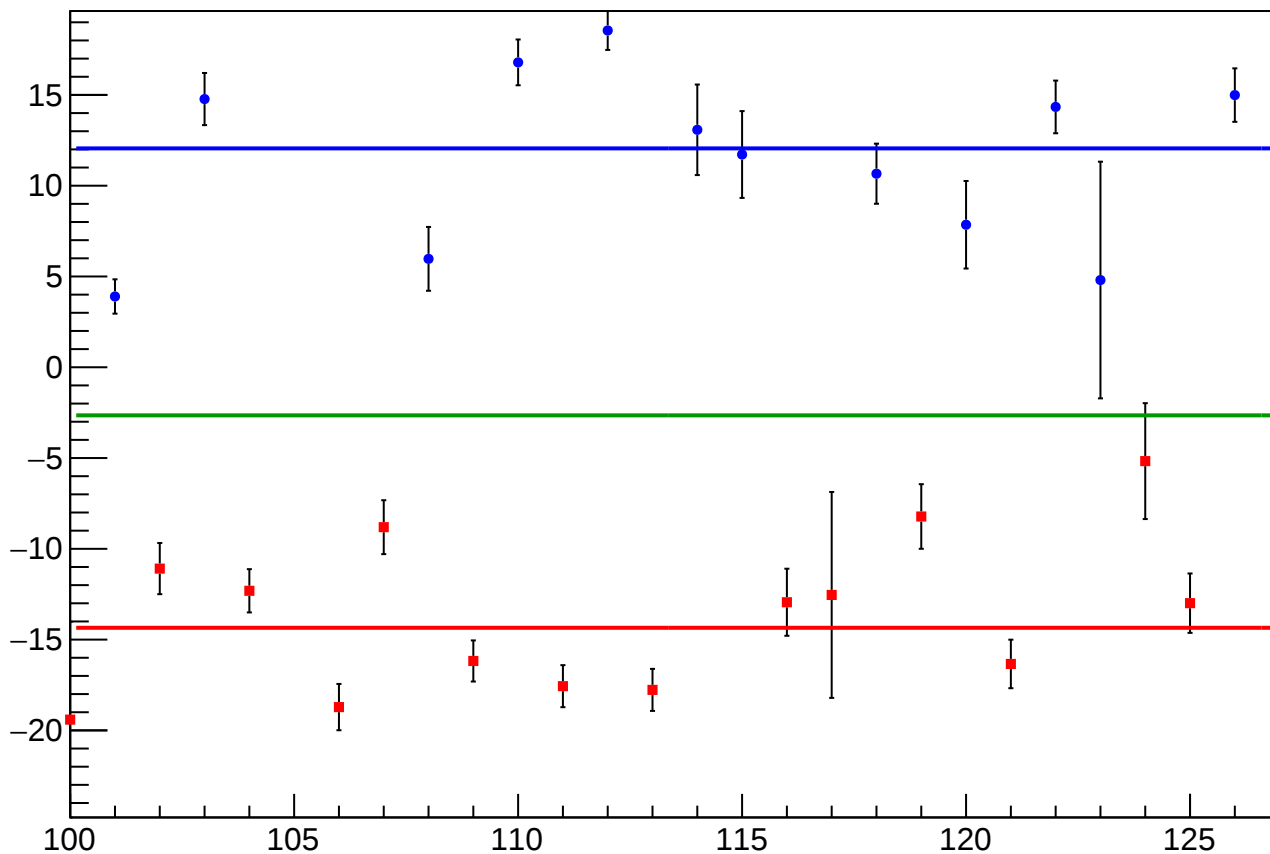
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.904 ± 0.237 χ^2/NDF : 135.6/11

0.949 ± 0.162 χ^2/NDF : 1807.0/26

6.960 ± 0.222 χ^2/NDF : 103.2/14

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.055+/-0.436 χ^2/NDF : 152.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.349+/-0.389 χ^2/NDF : 80.2/14

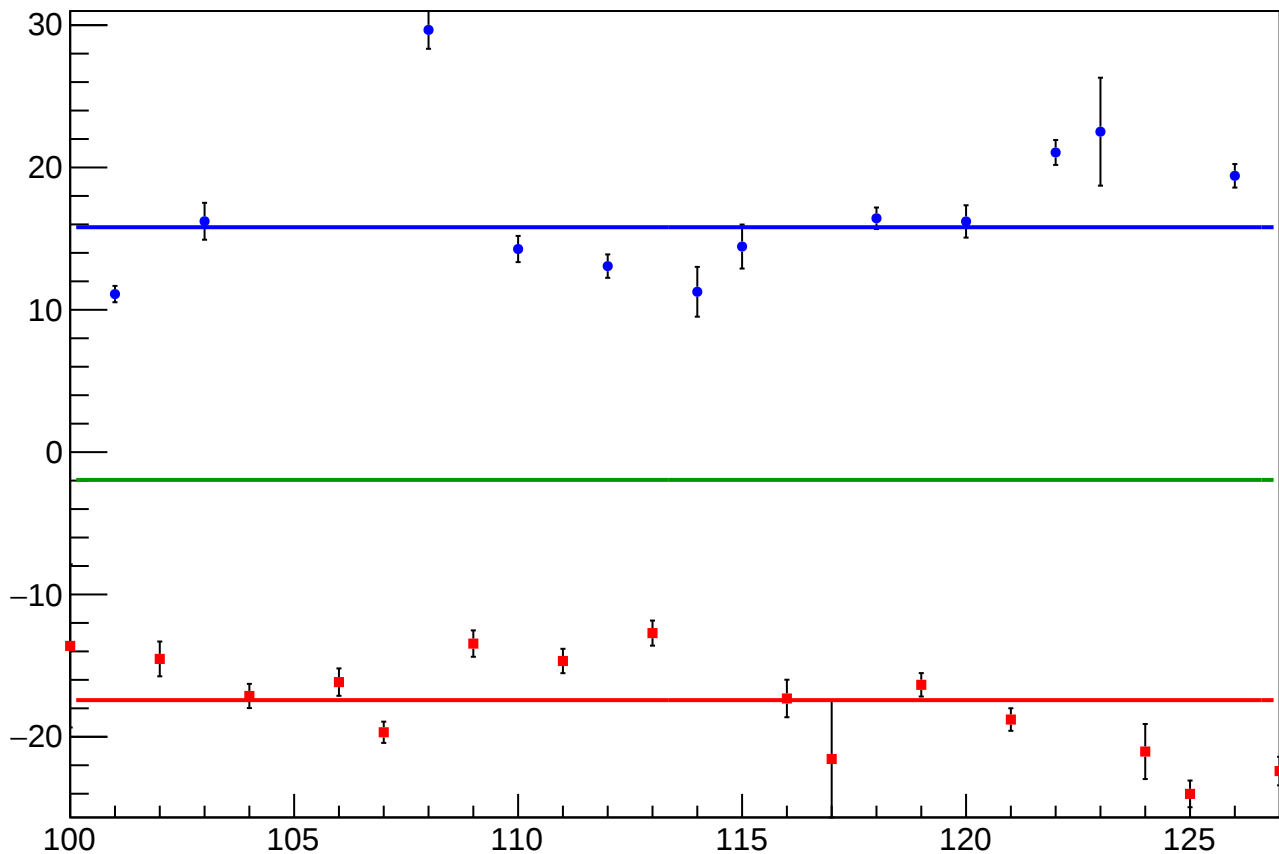
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.055+/-0.436 χ^2/NDF : 152.5/11

-2.649+/-0.290 χ^2/NDF : 2274.3/26

-14.349+/-0.389 χ^2/NDF : 80.2/14

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.802 ± 0.278 χ^2/NDF : 256.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.424 ± 0.259 χ^2/NDF : 157.5/14

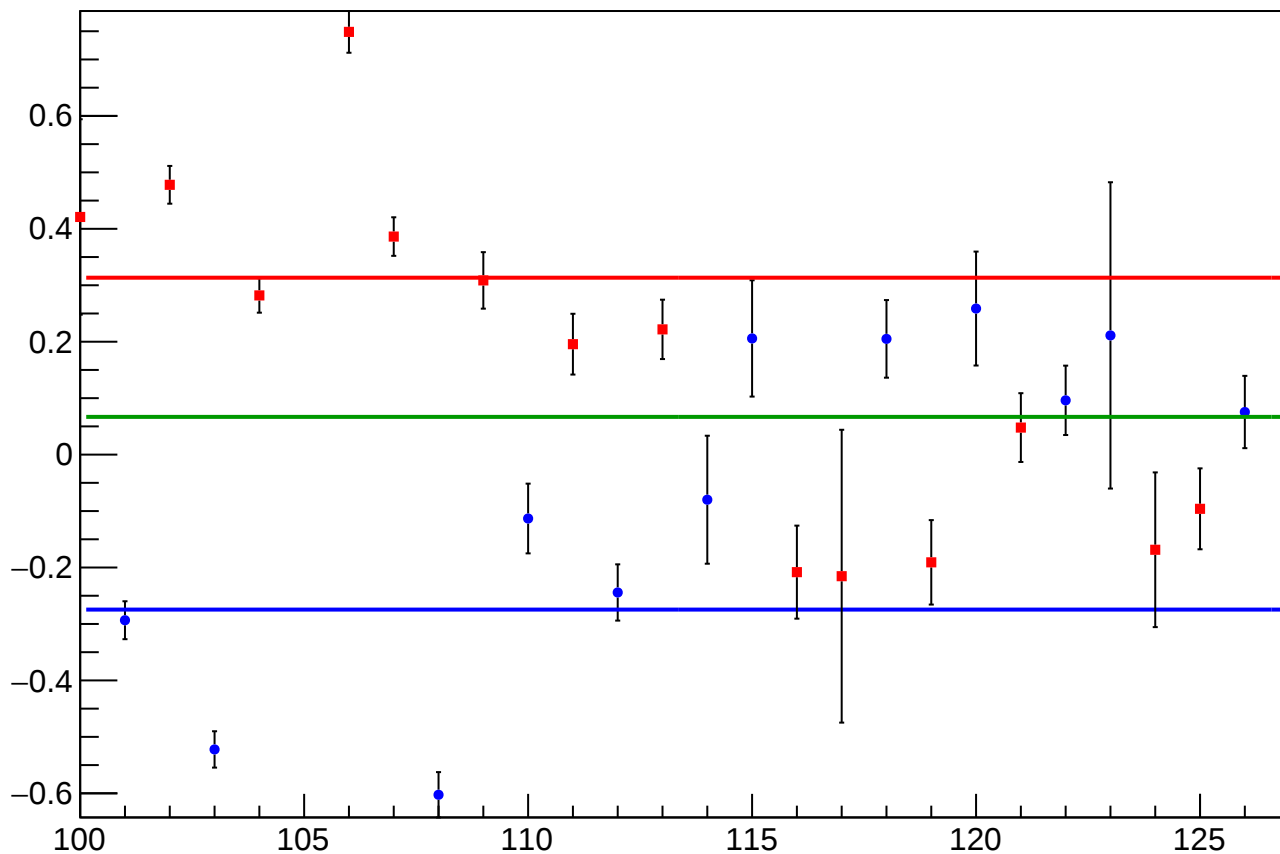
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

15.802 ± 0.278 χ^2/NDF : 256.4/11

-1.951 ± 0.190 χ^2/NDF : 8058.7/26

-17.424 ± 0.259 χ^2/NDF : 157.5/14

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.275 ± 0.016 χ^2/NDF : 304.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.313 ± 0.013 χ^2/NDF : 358.3/14

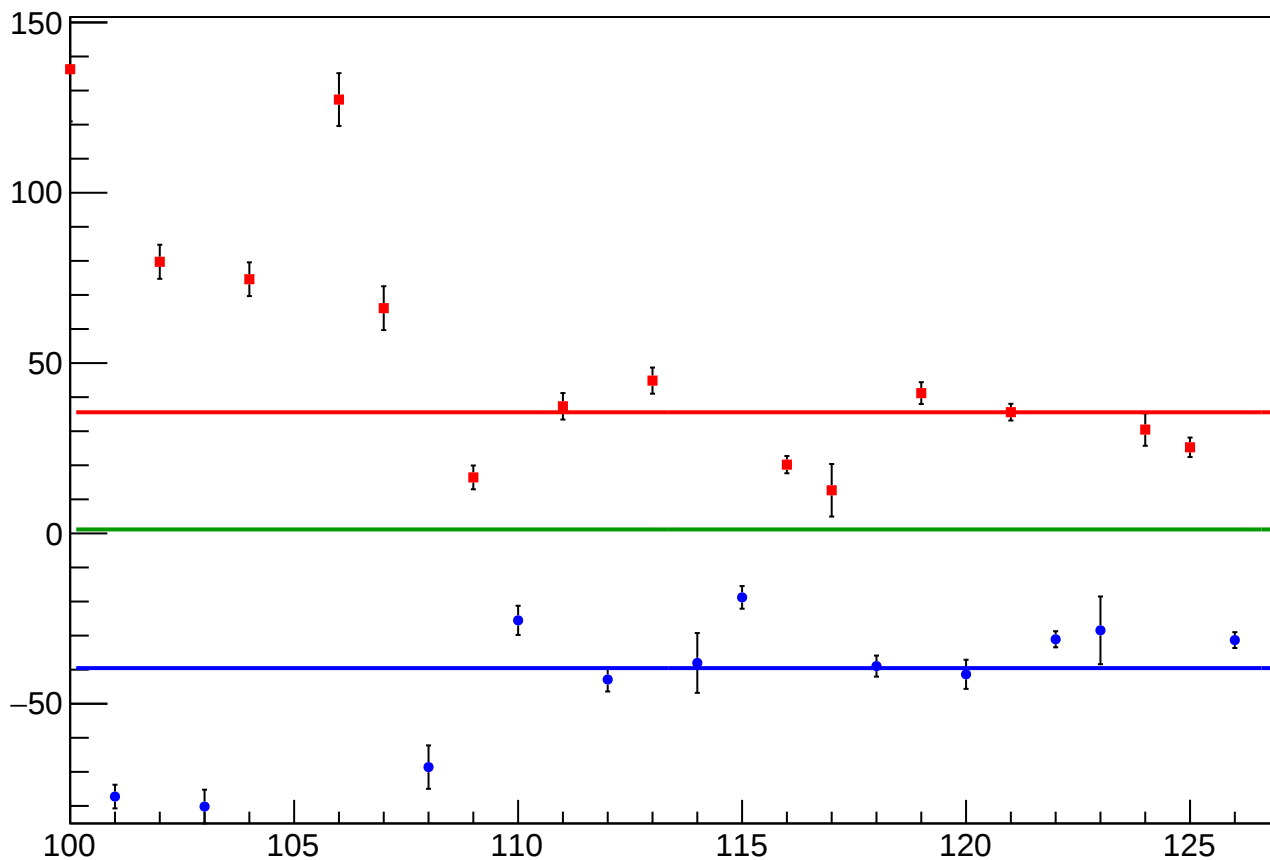
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.275 ± 0.016 χ^2/NDF : 304.1/11

0.067 ± 0.010 χ^2/NDF : 1493.1/26

0.313 ± 0.013 χ^2/NDF : 358.3/14

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -39.543 $\pm$ 1.043 χ^2 /NDF: 283.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.560 $\pm$ 0.959 χ^2 /NDF: 461.6/14

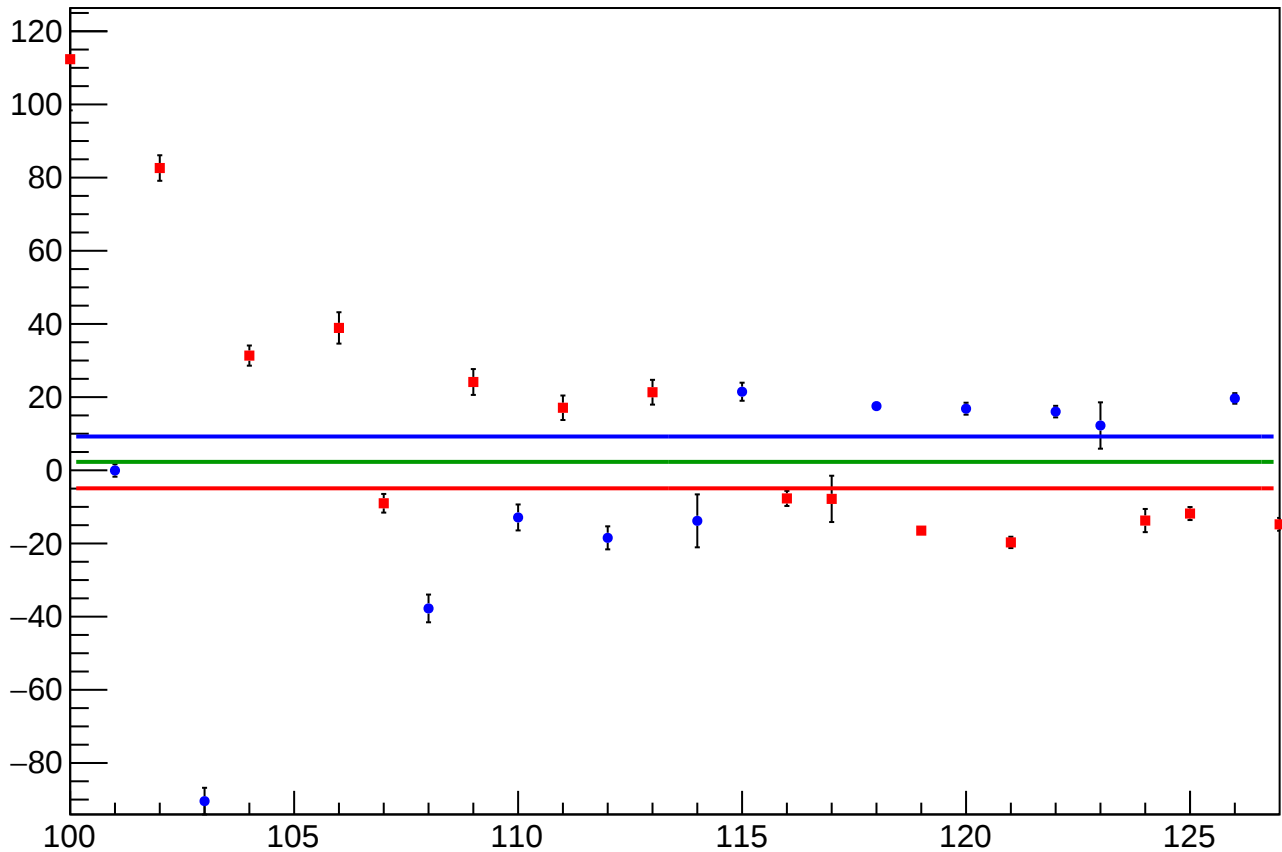
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-39.543 $\pm$ 1.043 χ^2 /NDF: 283.2/11

1.165 $\pm$ 0.706 χ^2 /NDF: 3555.8/26

35.560 $\pm$ 0.959 χ^2 /NDF: 461.6/14

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.237+/-0.588 χ^2/NDF : 1227.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.927+/-0.601 χ^2/NDF : 1388.1/14

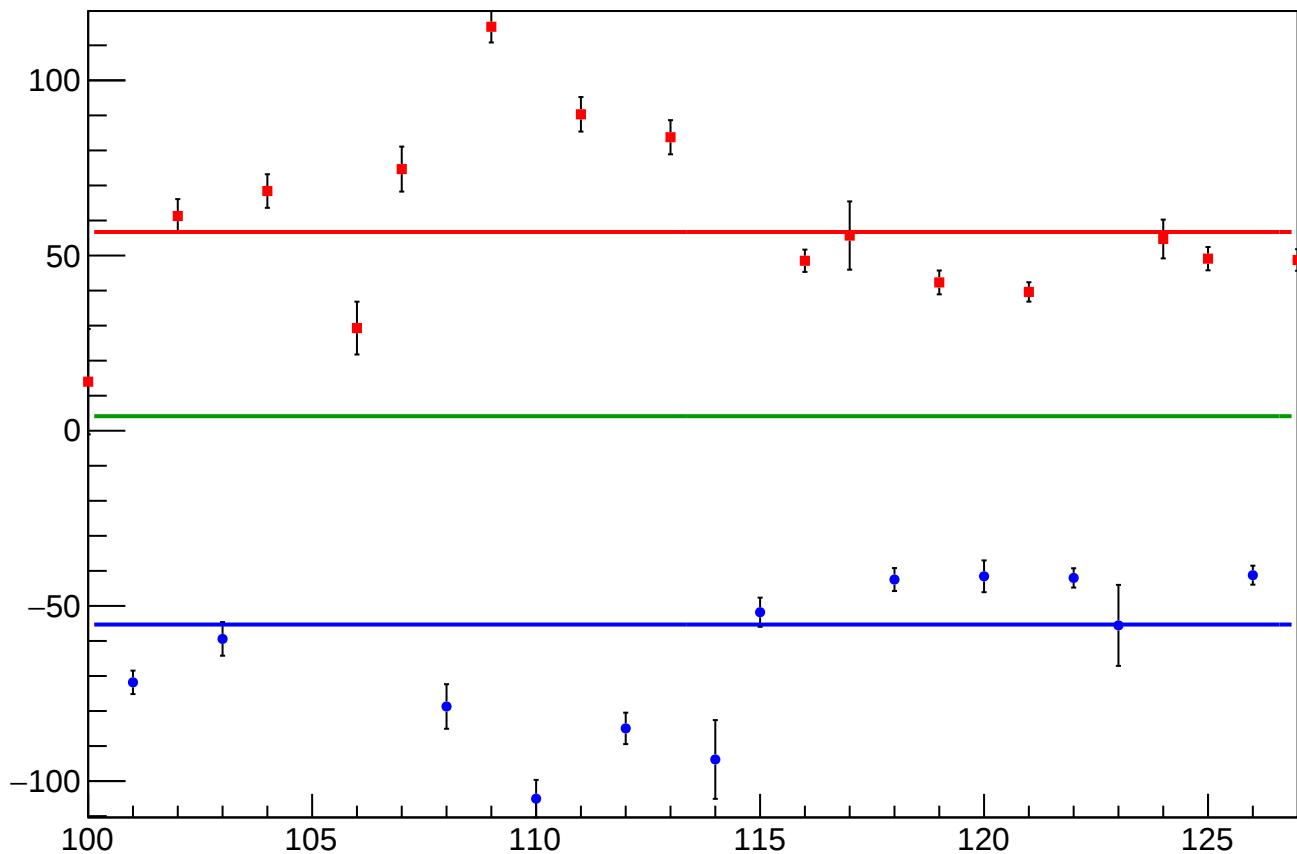
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.237+/-0.588 χ^2/NDF : 1227.8/11

2.304+/-0.420 χ^2/NDF : 2899.9/26

-4.927+/-0.601 χ^2/NDF : 1388.1/14

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.317 ± 1.174 $\chi^2/\text{NDF}: 255.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 56.722 ± 1.104 $\chi^2/\text{NDF}: 358.2/14$

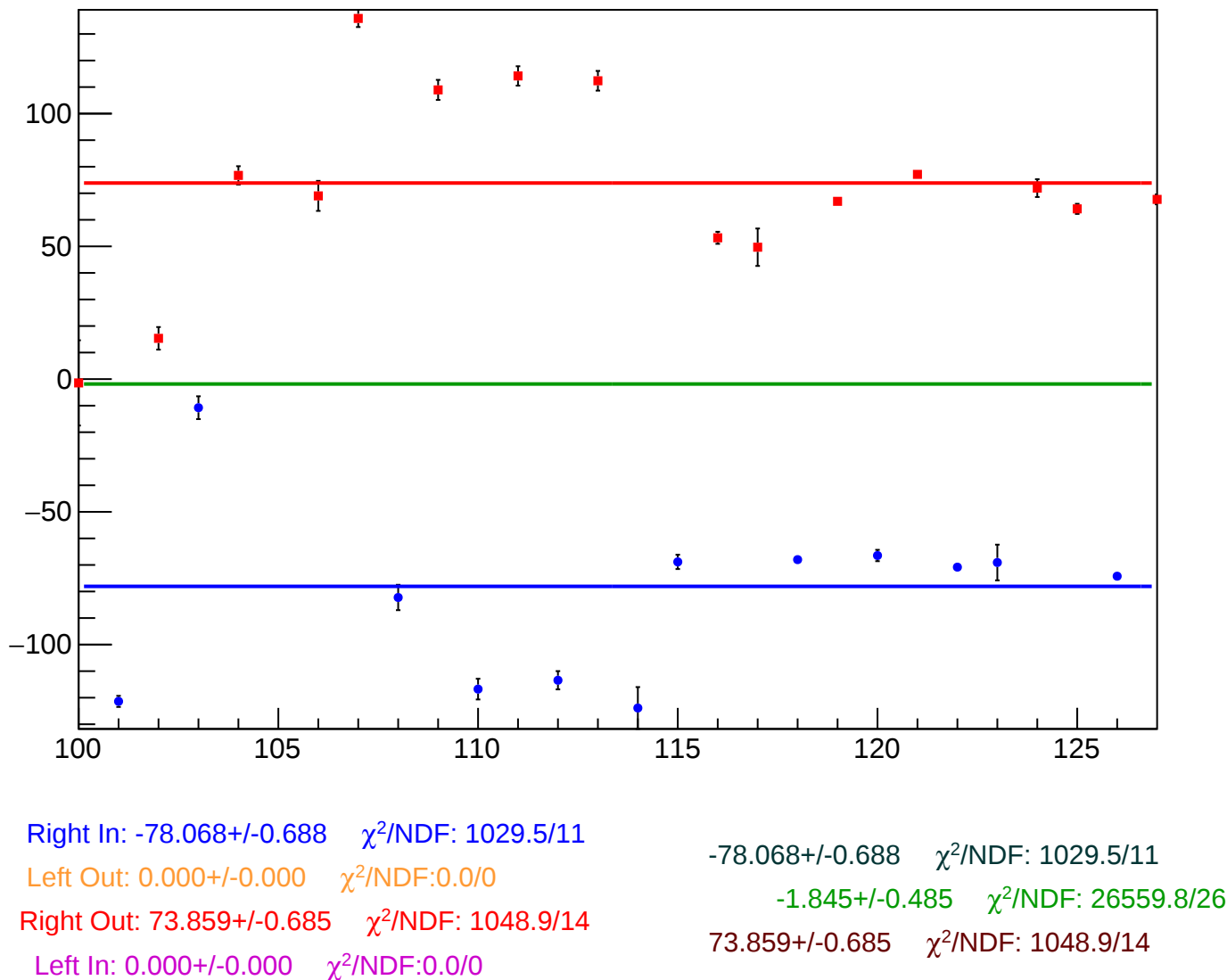
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-55.317 ± 1.174 $\chi^2/\text{NDF}: 255.8/11$

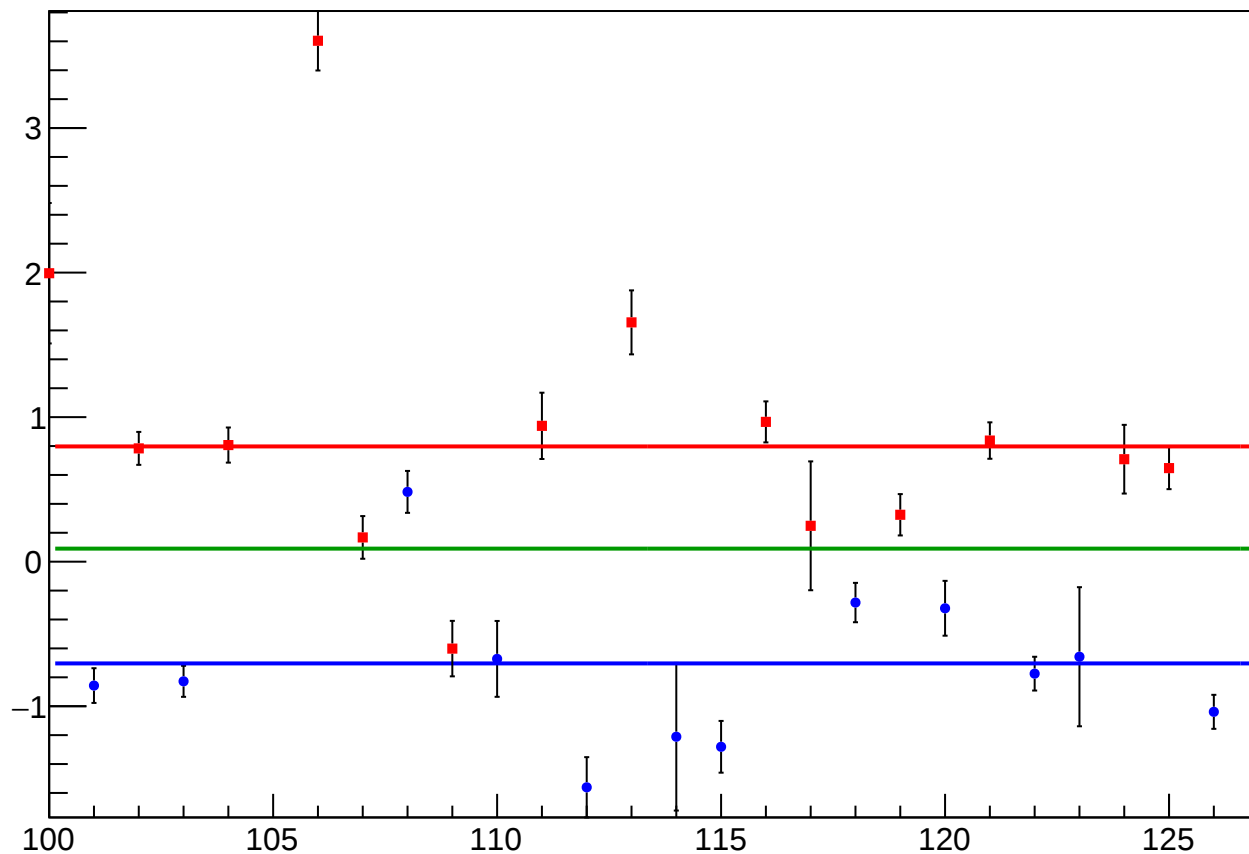
4.150 ± 0.804 $\chi^2/\text{NDF}: 5445.5/26$

56.722 ± 1.104 $\chi^2/\text{NDF}: 358.2/14$

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: -0.704+/-0.044 χ^2 /NDF: 120.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.797+/-0.042 χ^2 /NDF: 294.1/14

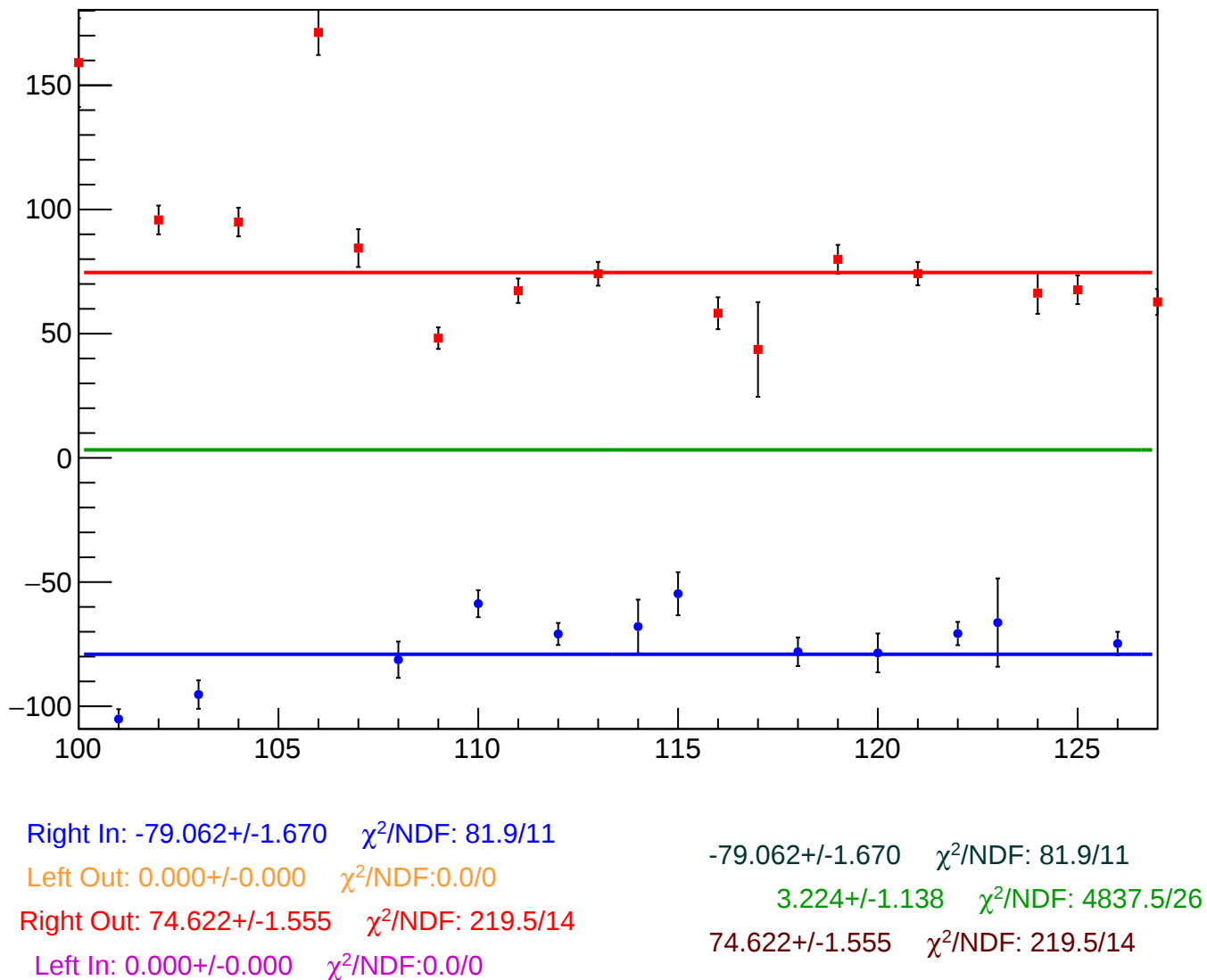
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.704+/-0.044 χ^2 /NDF: 120.3/11

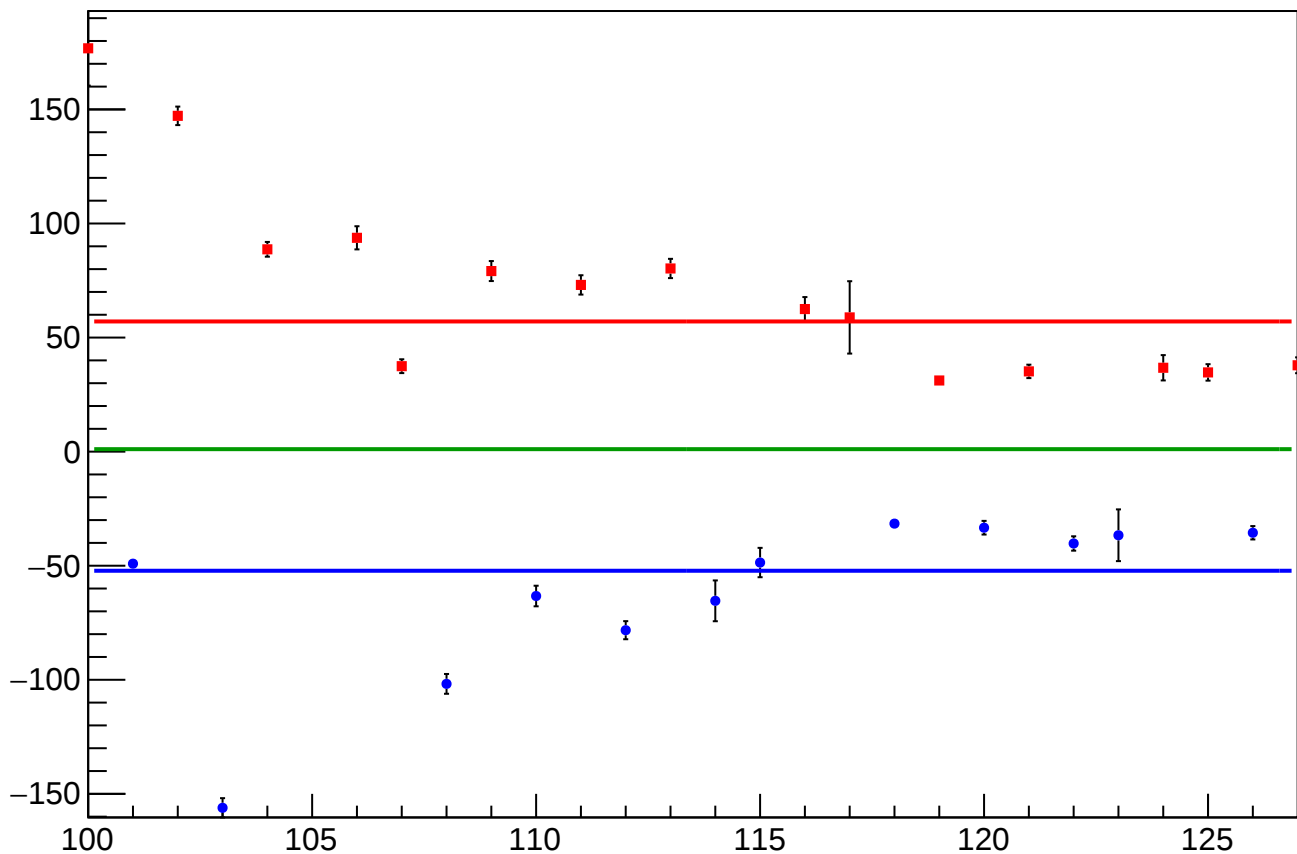
0.090+/-0.030 χ^2 /NDF: 1019.4/26

0.797+/-0.042 χ^2 /NDF: 294.1/14

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.210 $\pm$ 0.964 χ^2 /NDF: 971.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.062 $\pm$ 0.988 χ^2 /NDF: 1082.8/14

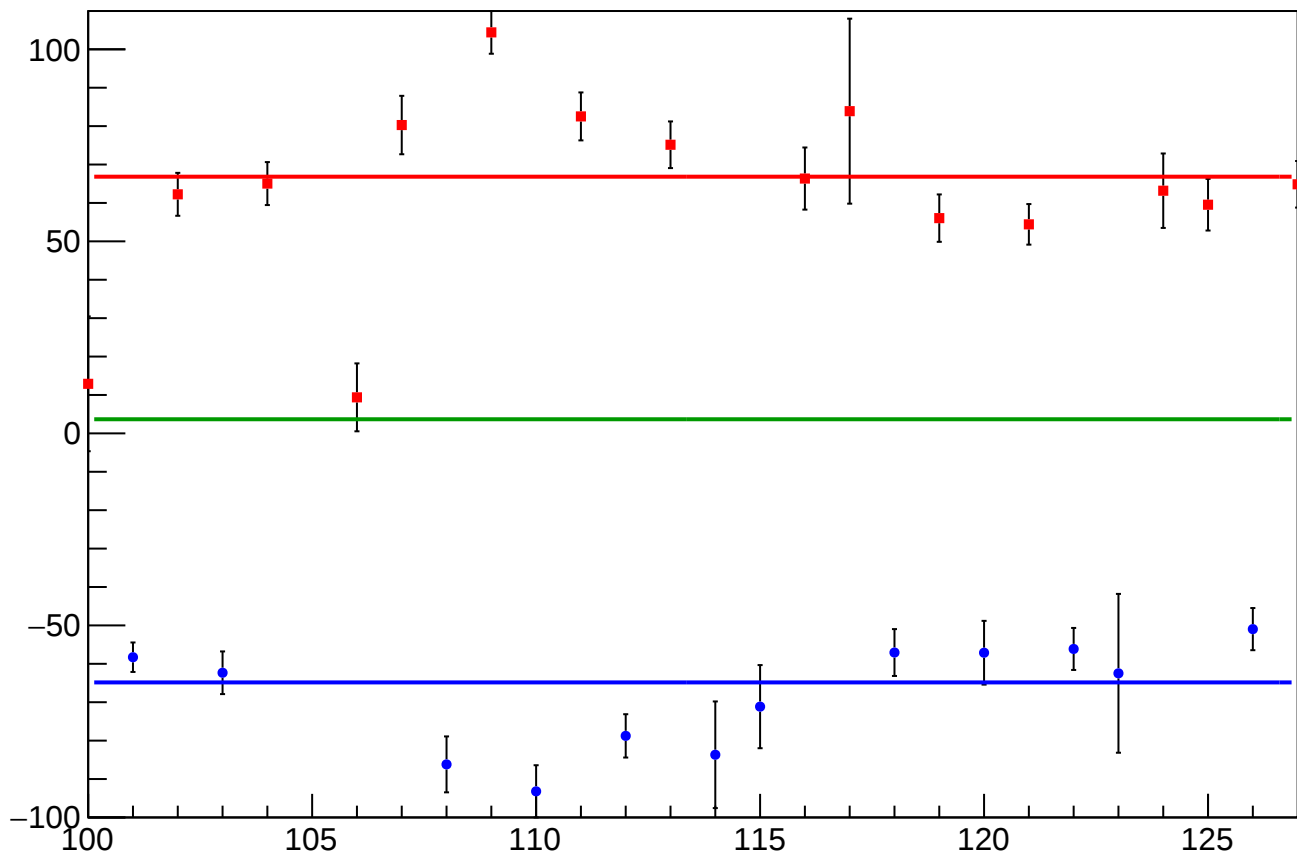
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.210 $\pm$ 0.964 χ^2 /NDF: 971.2/11

1.087 $\pm$ 0.690 χ^2 /NDF: 8319.6/26

57.062 $\pm$ 0.988 χ^2 /NDF: 1082.8/14

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.844 $\pm$ 1.837 χ^2 /NDF: 48.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.835 $\pm$ 1.764 χ^2 /NDF: 119.9/14

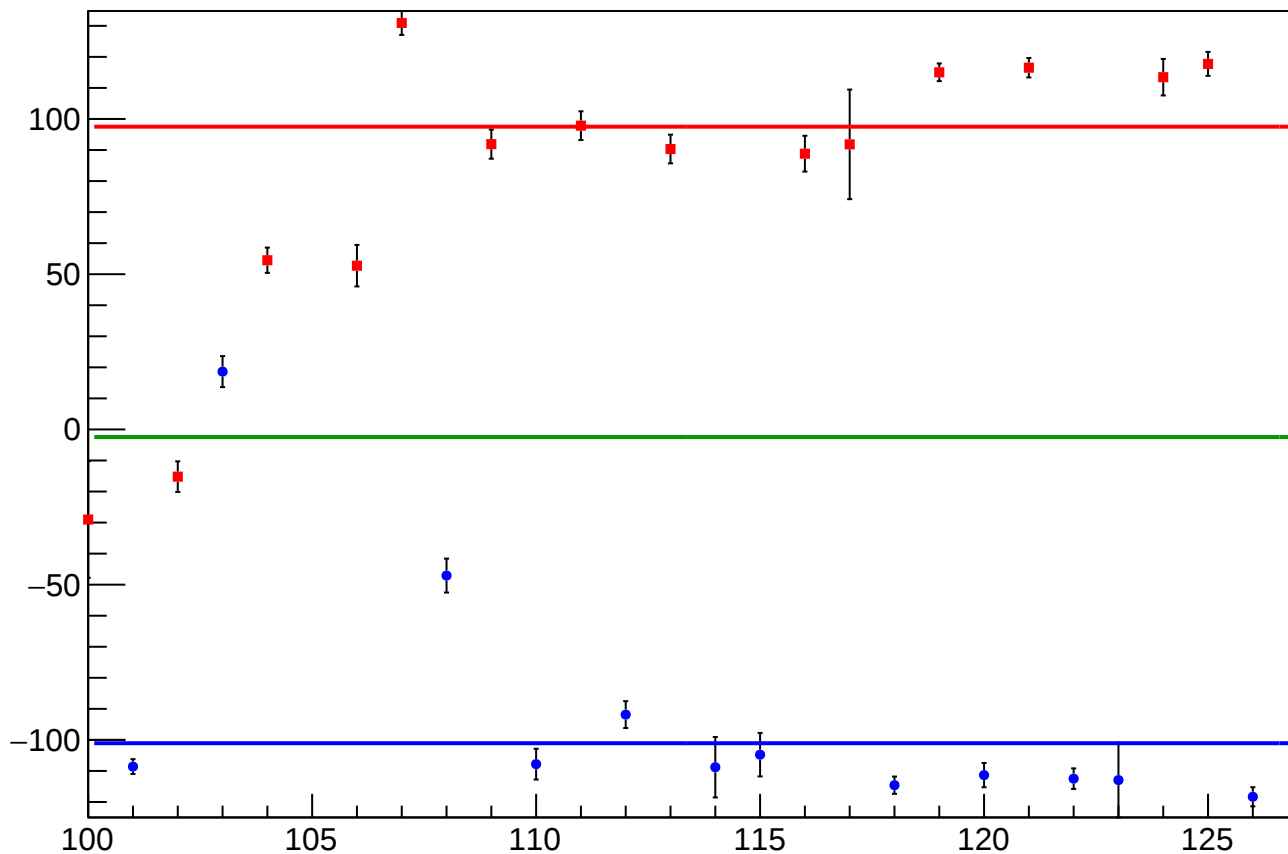
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.844 $\pm$ 1.837 χ^2 /NDF: 48.8/11

3.676 $\pm$ 1.272 χ^2 /NDF: 2841.9/26

66.835 $\pm$ 1.764 χ^2 /NDF: 119.9/14

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -101.073+/-1.139 χ^2 /NDF: 764.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 97.524+/-1.147 χ^2 /NDF: 937.1/14

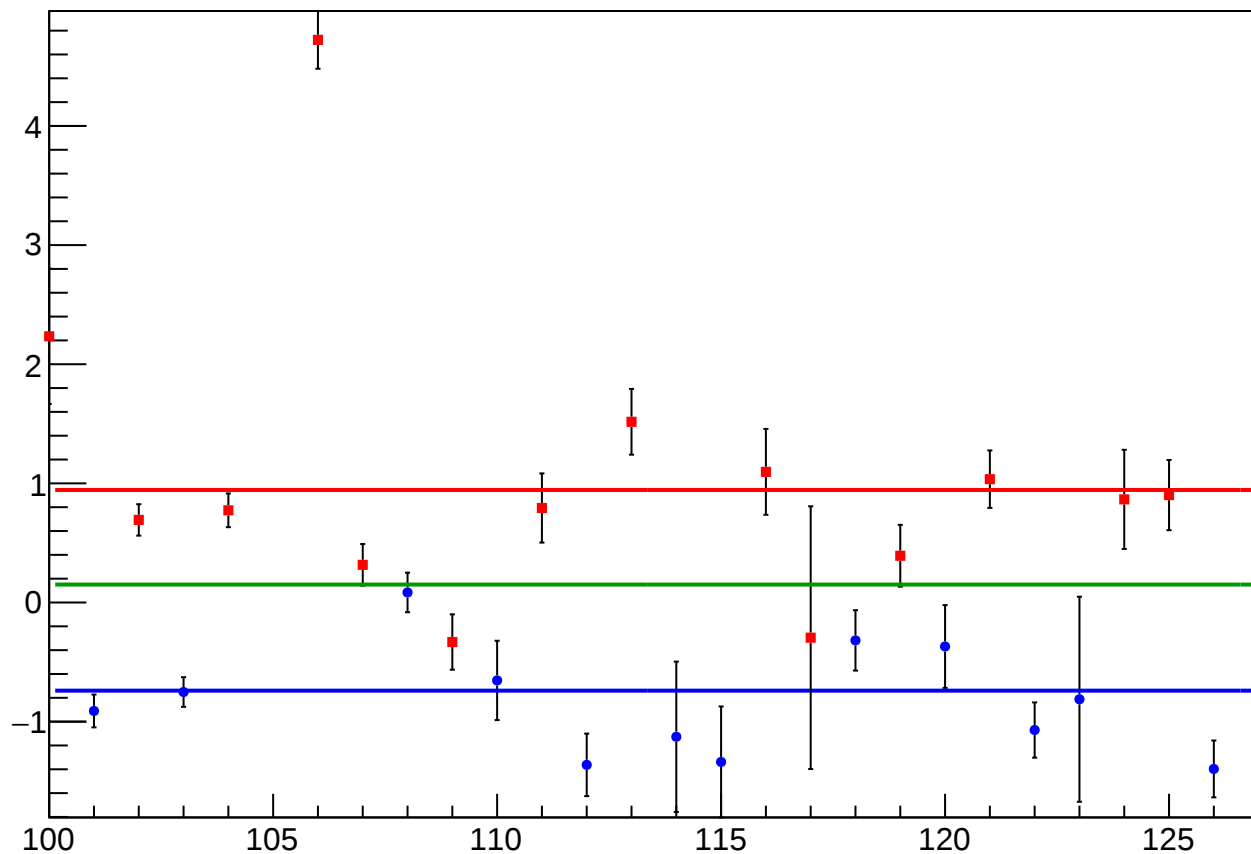
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-101.073+/-1.139 χ^2 /NDF: 764.2/11

-2.449+/-0.808 χ^2 /NDF: 16800.6/26

97.524+/-1.147 χ^2 /NDF: 937.1/14

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.740 ± 0.064 $\chi^2/\text{NDF}: 47.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.945 ± 0.060 $\chi^2/\text{NDF}: 307.5/14$

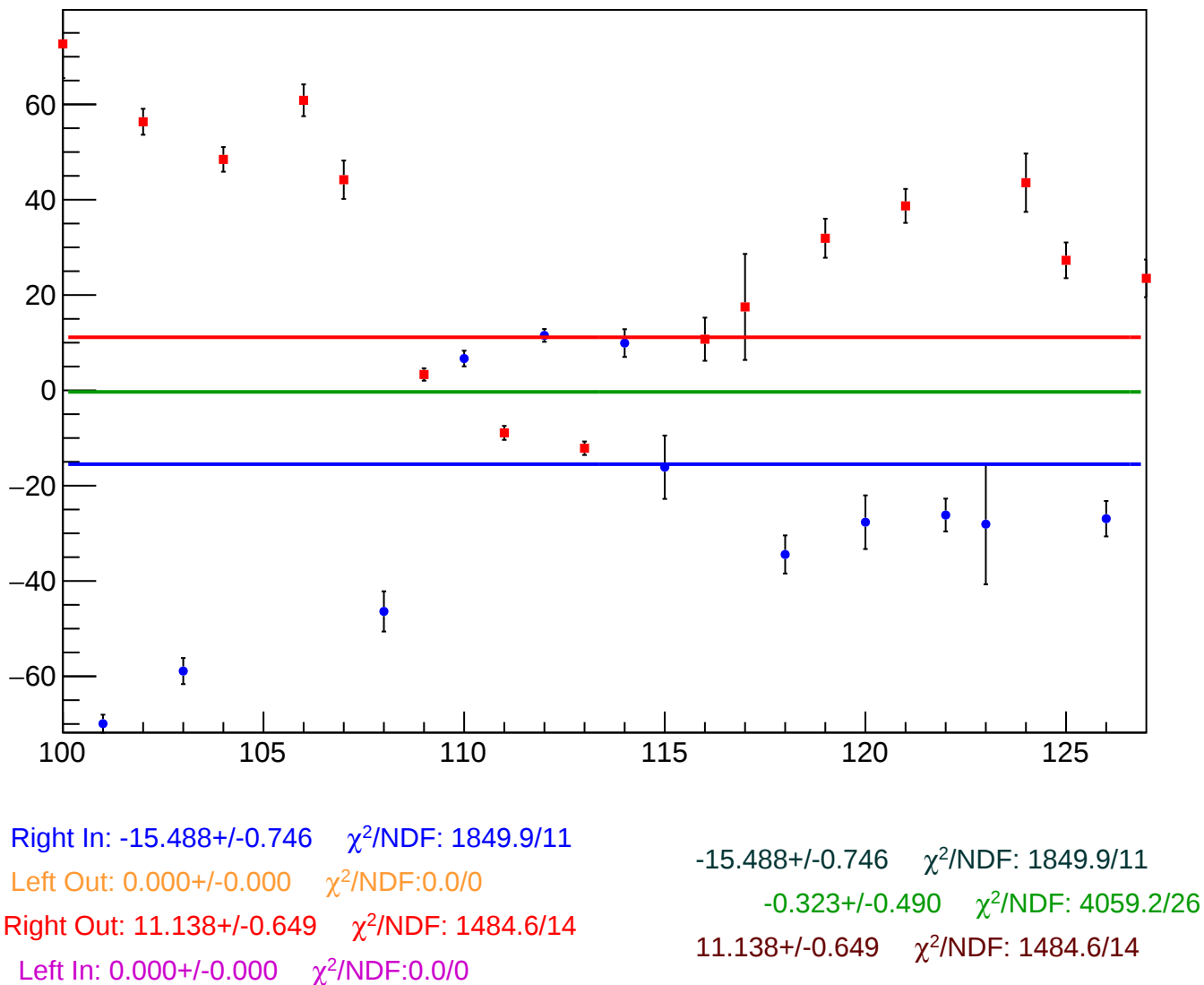
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.740 ± 0.064 $\chi^2/\text{NDF}: 47.4/11$

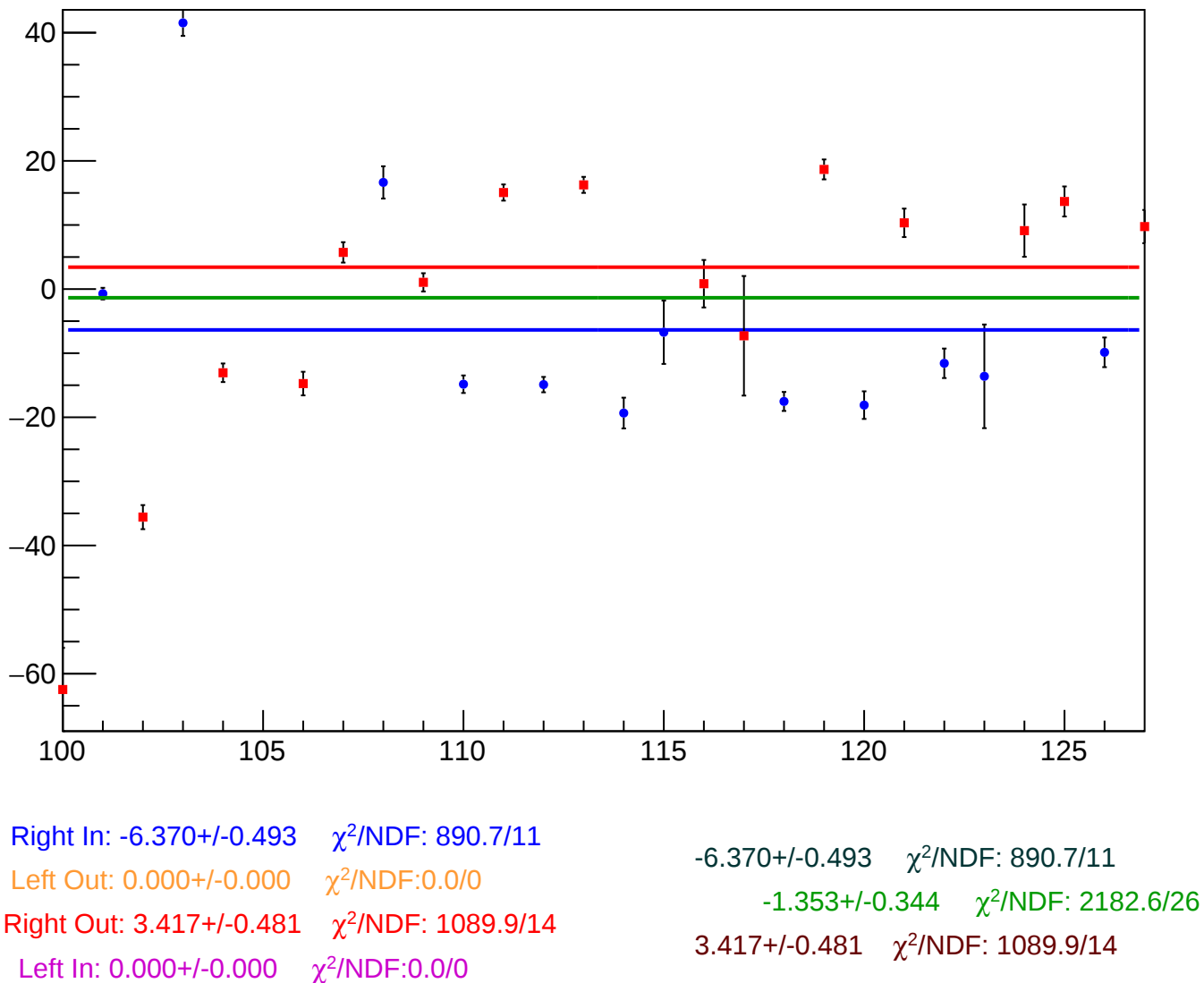
0.151 ± 0.044 $\chi^2/\text{NDF}: 723.2/26$

0.945 ± 0.060 $\chi^2/\text{NDF}: 307.5/14$

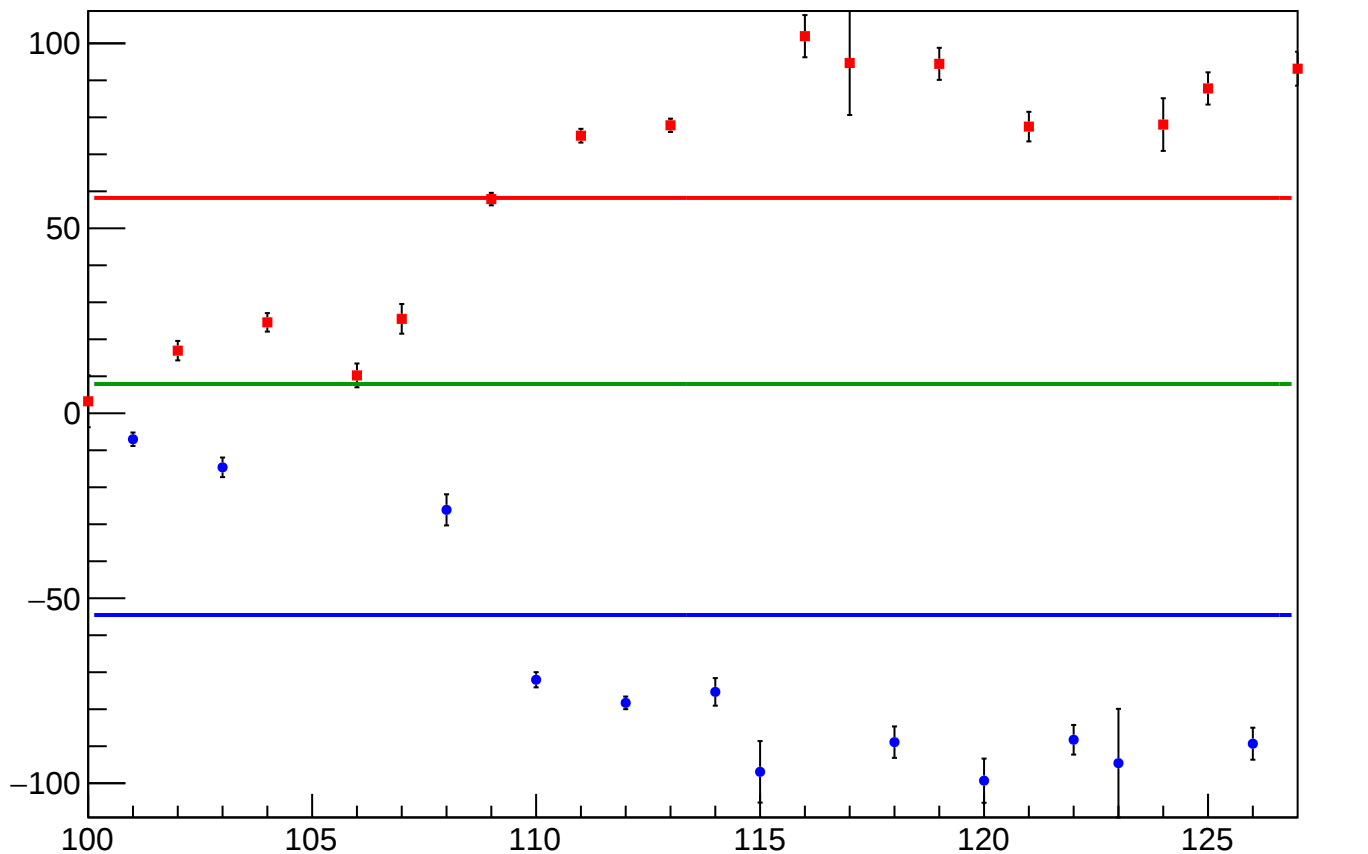
reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.530+/-0.854 χ^2/NDF : 1544.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.215+/-0.766 χ^2/NDF : 1248.0/14

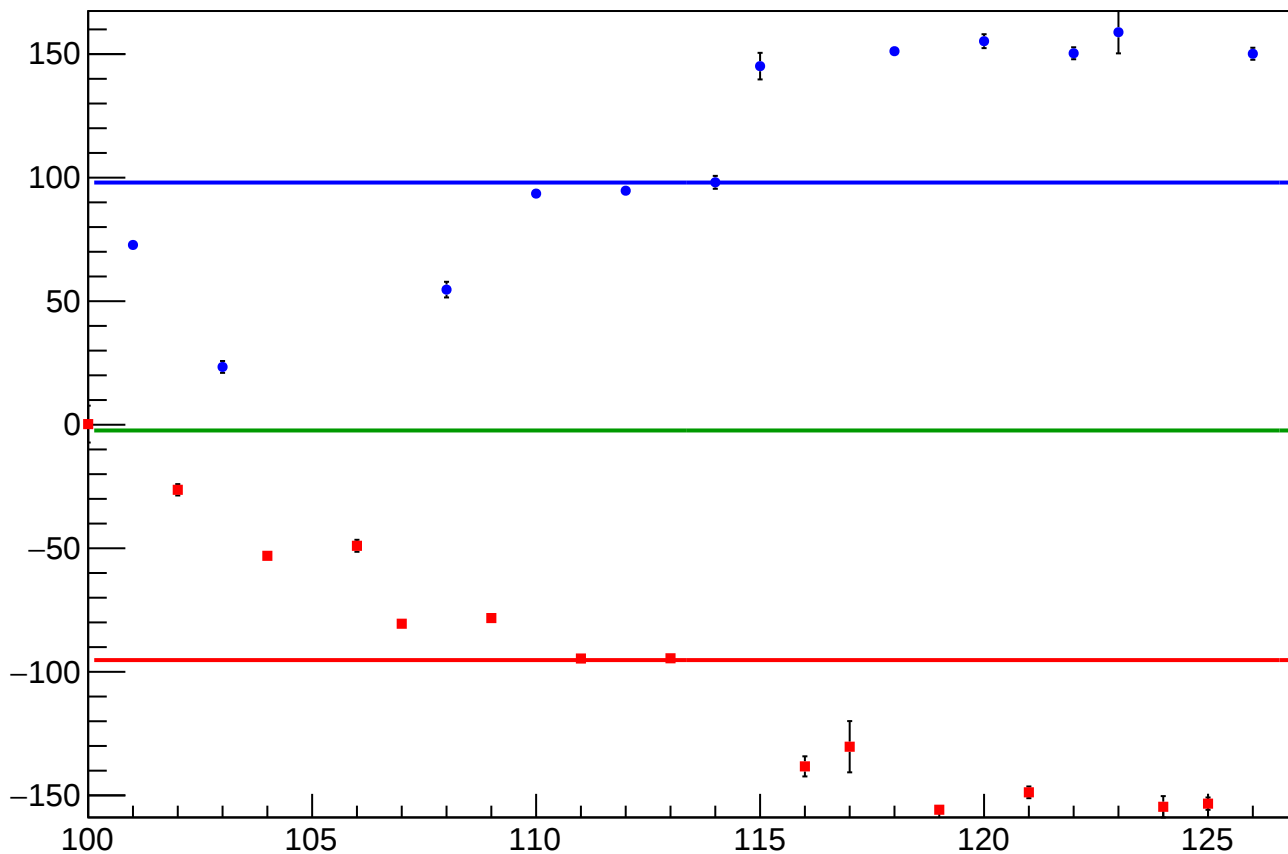
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-54.530+/-0.854 χ^2/NDF : 1544.5/11

7.920+/-0.570 χ^2/NDF : 12449.9/26

58.215+/-0.766 χ^2/NDF : 1248.0/14

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.020 ± 0.574 χ^2/NDF : 3906.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -95.249 ± 0.552 χ^2/NDF : 4832.8/14

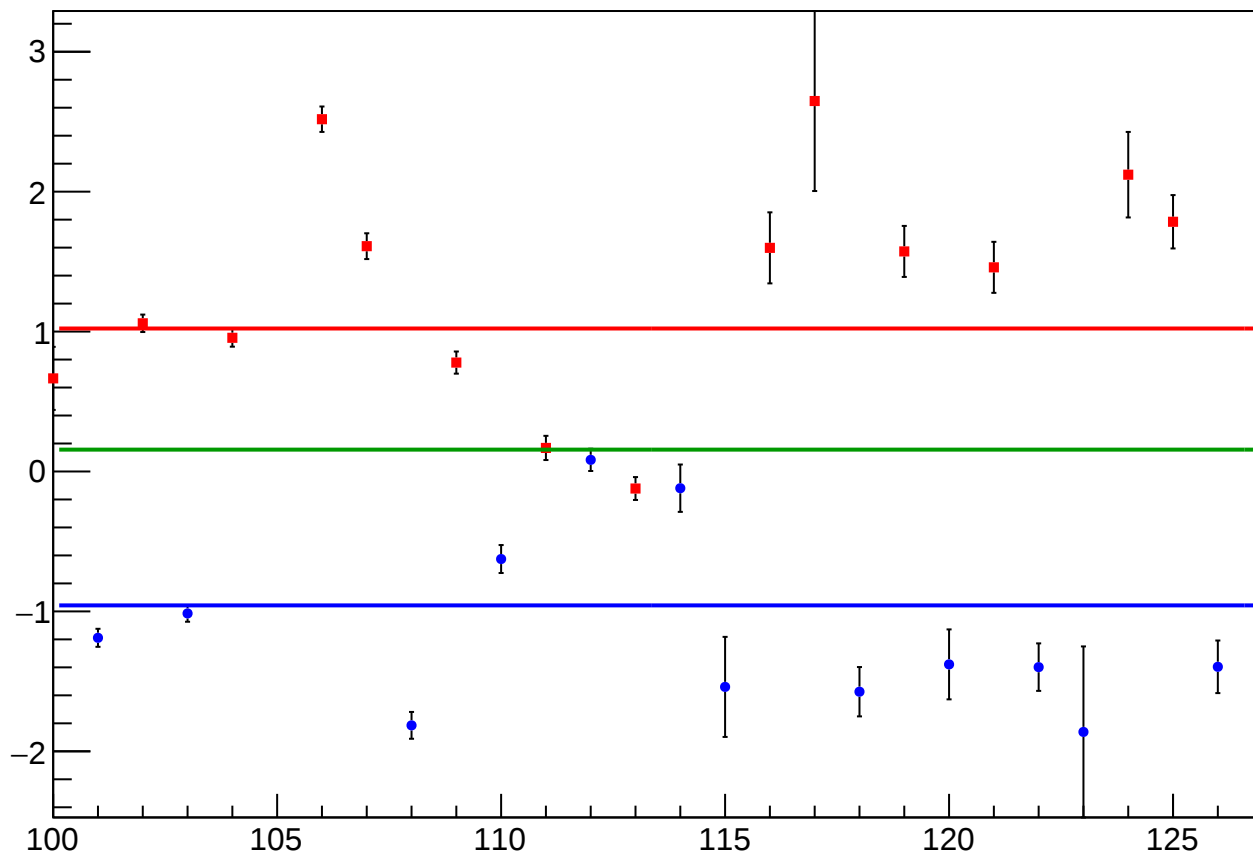
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

98.020 ± 0.574 χ^2/NDF : 3906.1/11

-2.319 ± 0.398 χ^2/NDF : 67608.3/26

-95.249 ± 0.552 χ^2/NDF : 4832.8/14

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.957 ± 0.031 χ^2/NDF : 332.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.022 ± 0.027 χ^2/NDF : 680.1/14

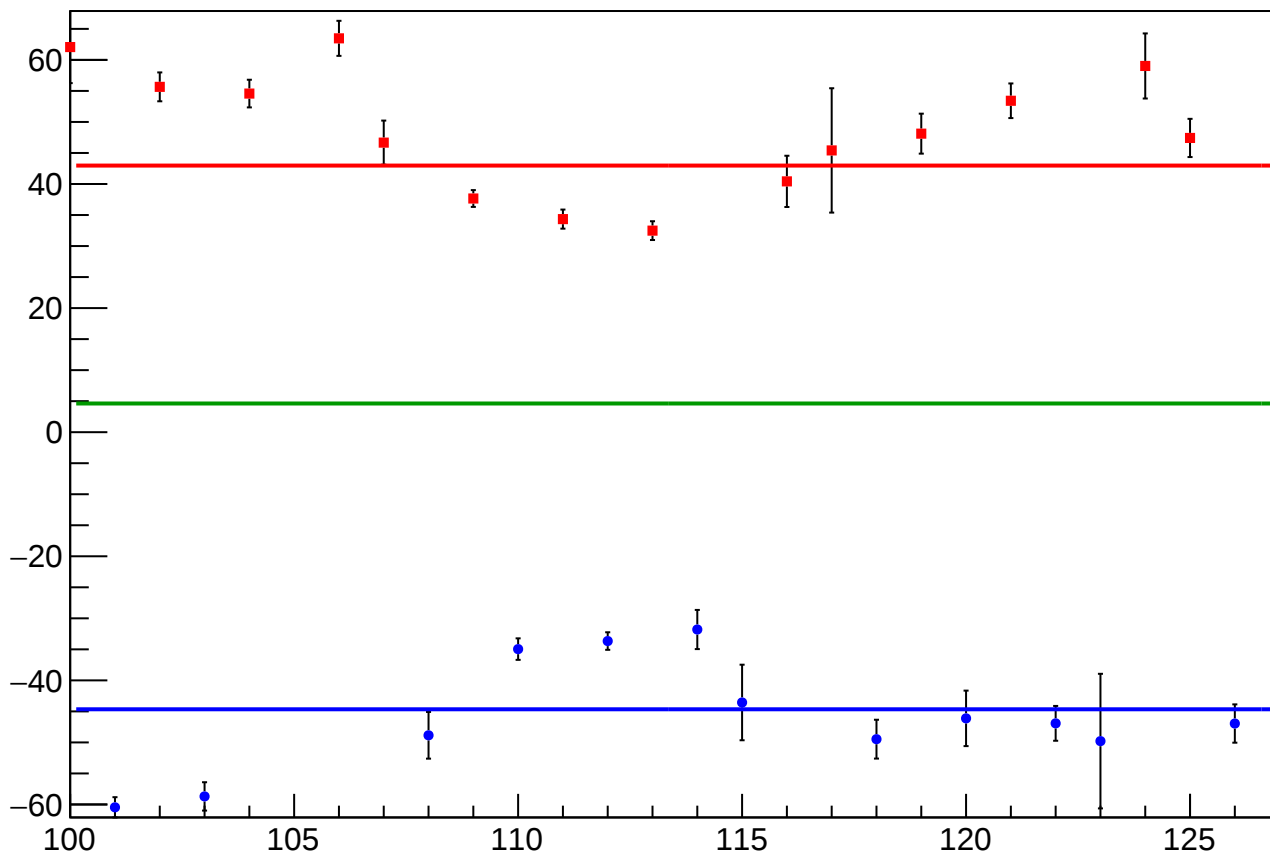
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.957 ± 0.031 χ^2/NDF : 332.3/11

0.156 ± 0.020 χ^2/NDF : 3321.0/26

1.022 ± 0.027 χ^2/NDF : 680.1/14

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.659 ± 0.709 χ^2/NDF : 244.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.970 ± 0.625 χ^2/NDF : 245.5/14

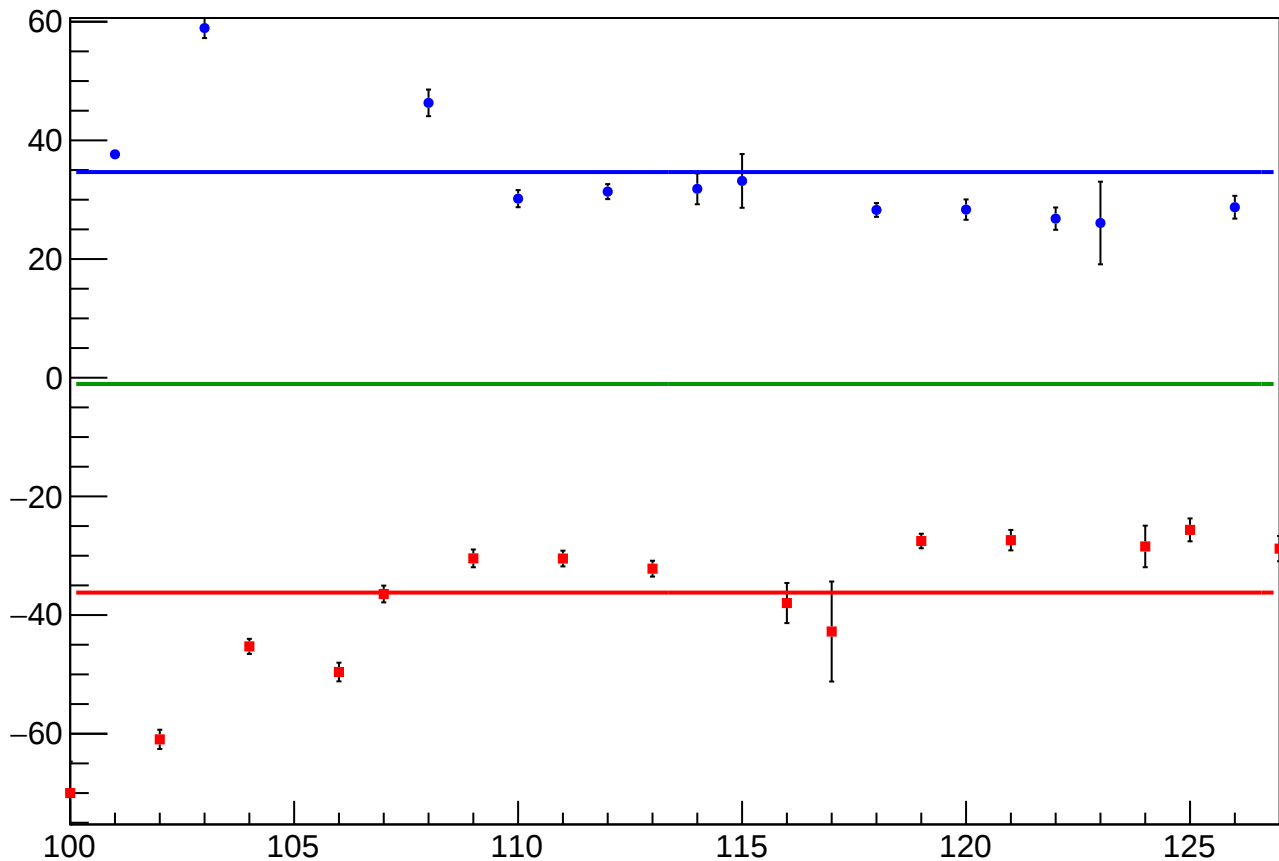
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.659 ± 0.709 χ^2/NDF : 244.8/11

4.624 ± 0.469 χ^2/NDF : 9081.3/26

42.970 ± 0.625 χ^2/NDF : 245.5/14

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.660 ± 0.443 χ^2/NDF : 337.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.210 ± 0.439 χ^2/NDF : 563.0/14

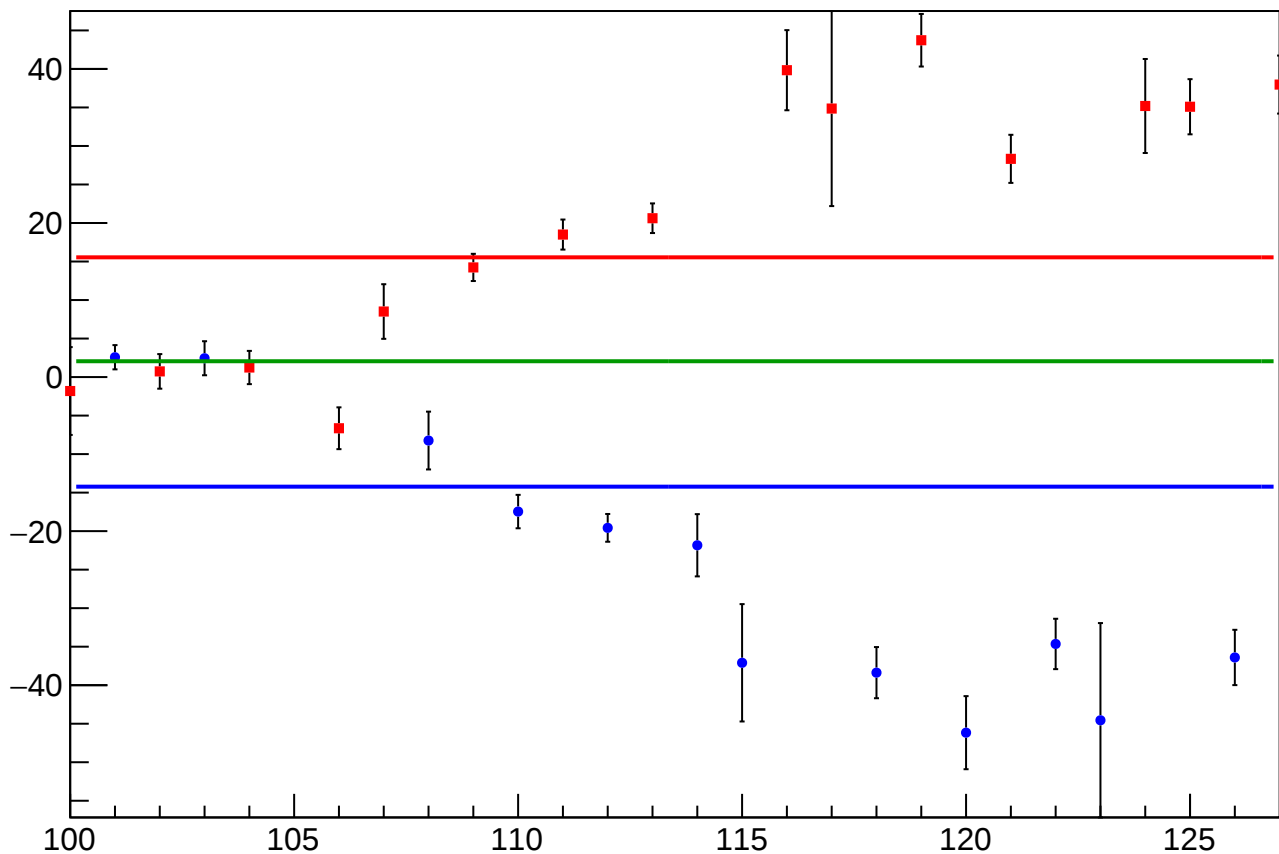
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

34.660 ± 0.443 χ^2/NDF : 337.4/11

-1.057 ± 0.312 χ^2/NDF : 13819.5/26

-36.210 ± 0.439 χ^2/NDF : 563.0/14

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.227 ± 0.793 χ^2/NDF : 378.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.543 ± 0.722 χ^2/NDF : 362.1/14

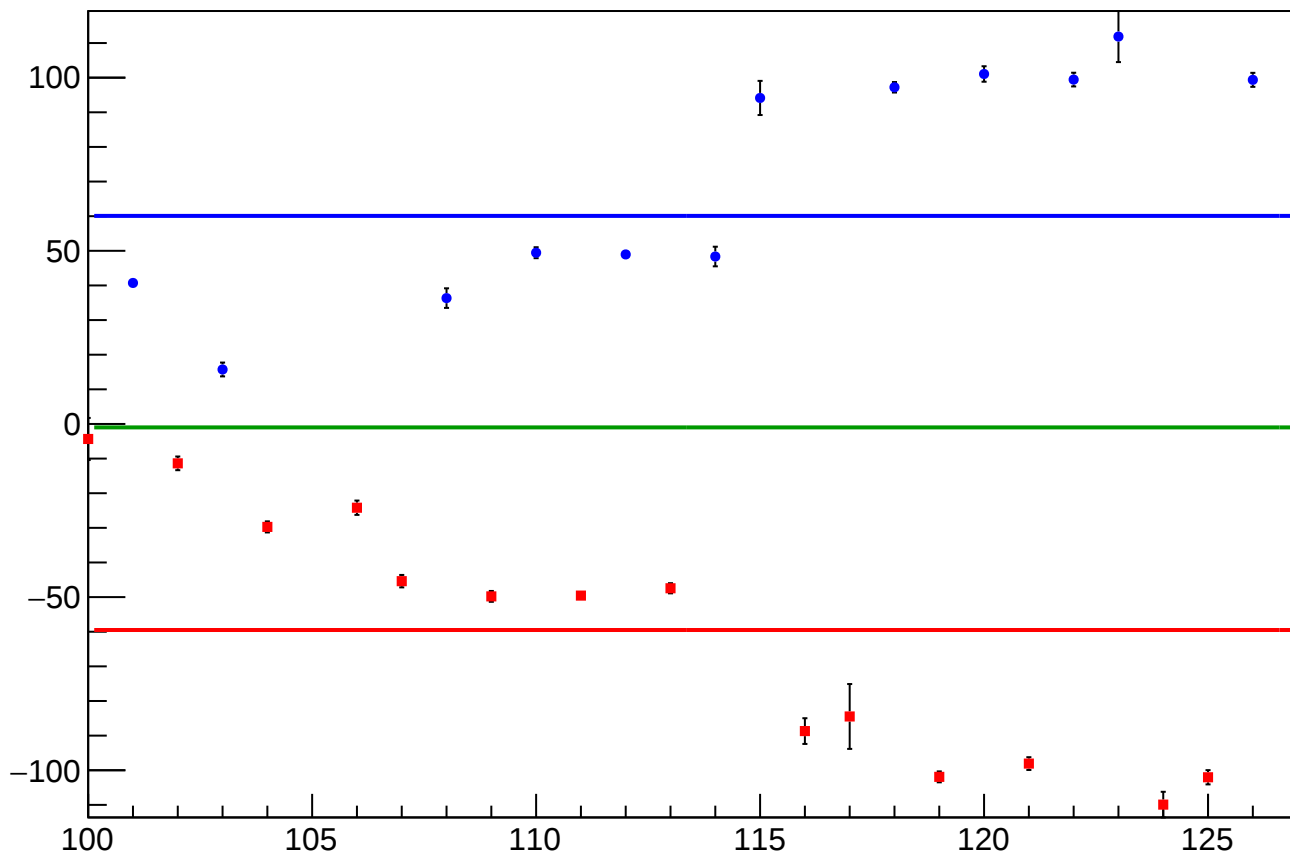
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-14.227 ± 0.793 χ^2/NDF : 378.1/11

2.055 ± 0.534 χ^2/NDF : 1511.3/26

15.543 ± 0.722 χ^2/NDF : 362.1/14

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 60.085+/-0.520 χ^2 /NDF: 2901.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -59.501+/-0.509 χ^2 /NDF: 3689.8/14

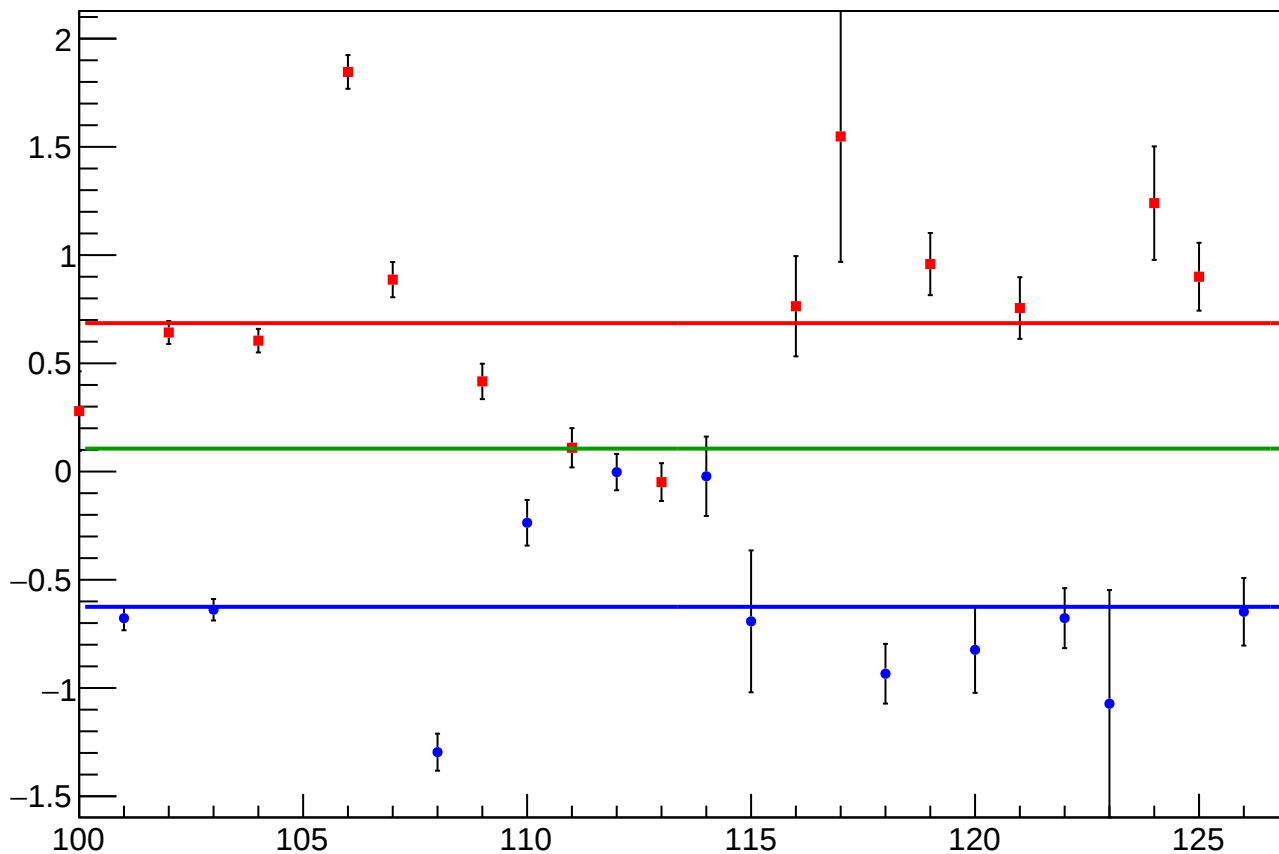
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

60.085+/-0.520 χ^2 /NDF: 2901.5/11

-0.994+/-0.364 χ^2 /NDF: 33560.8/26

-59.501+/-0.509 χ^2 /NDF: 3689.8/14

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.625 ± 0.028 $\chi^2/\text{NDF}: 148.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.686 ± 0.025 $\chi^2/\text{NDF}: 370.0/14$

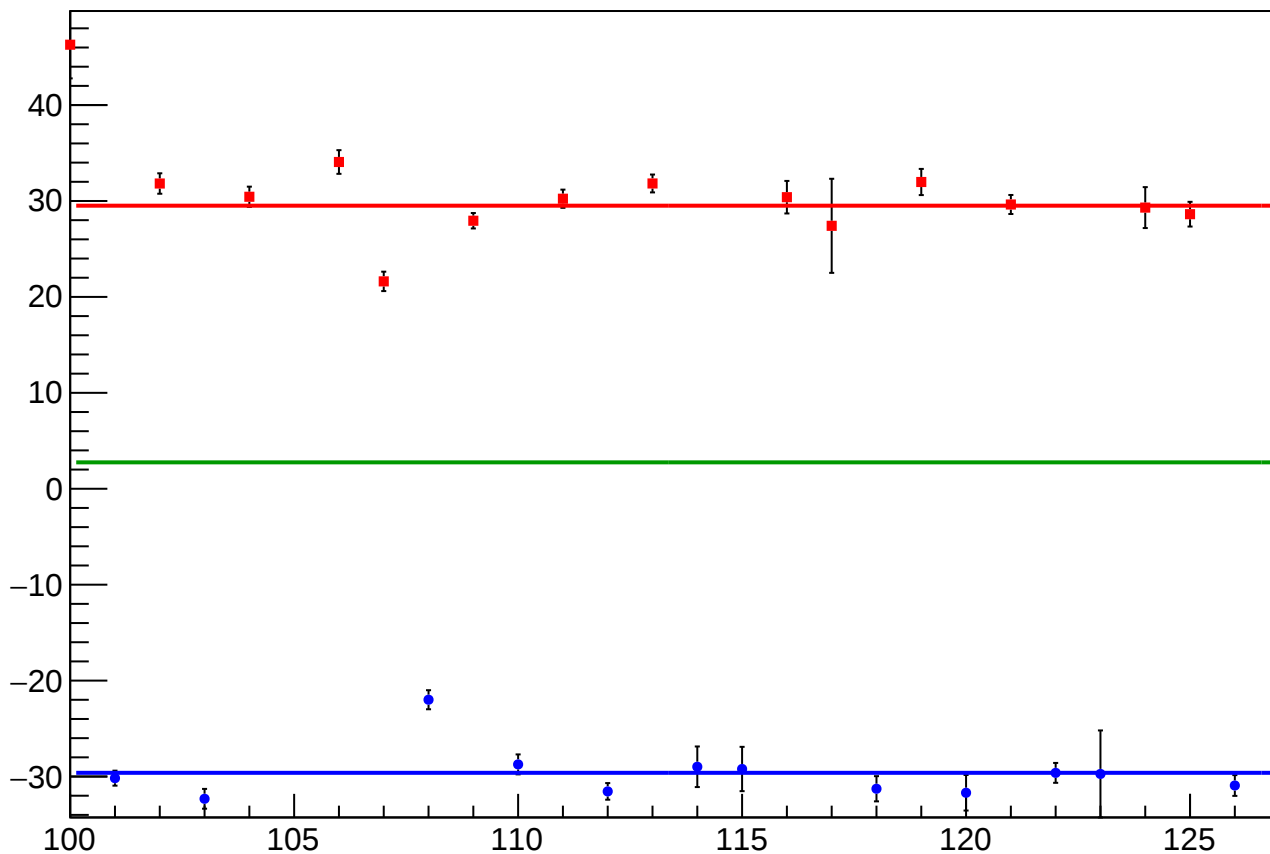
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.625 ± 0.028 $\chi^2/\text{NDF}: 148.8/11$

0.106 ± 0.018 $\chi^2/\text{NDF}: 1772.7/26$

0.686 ± 0.025 $\chi^2/\text{NDF}: 370.0/14$

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.613 ± 0.334 χ^2/NDF : 76.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.511 ± 0.304 χ^2/NDF : 121.2/14

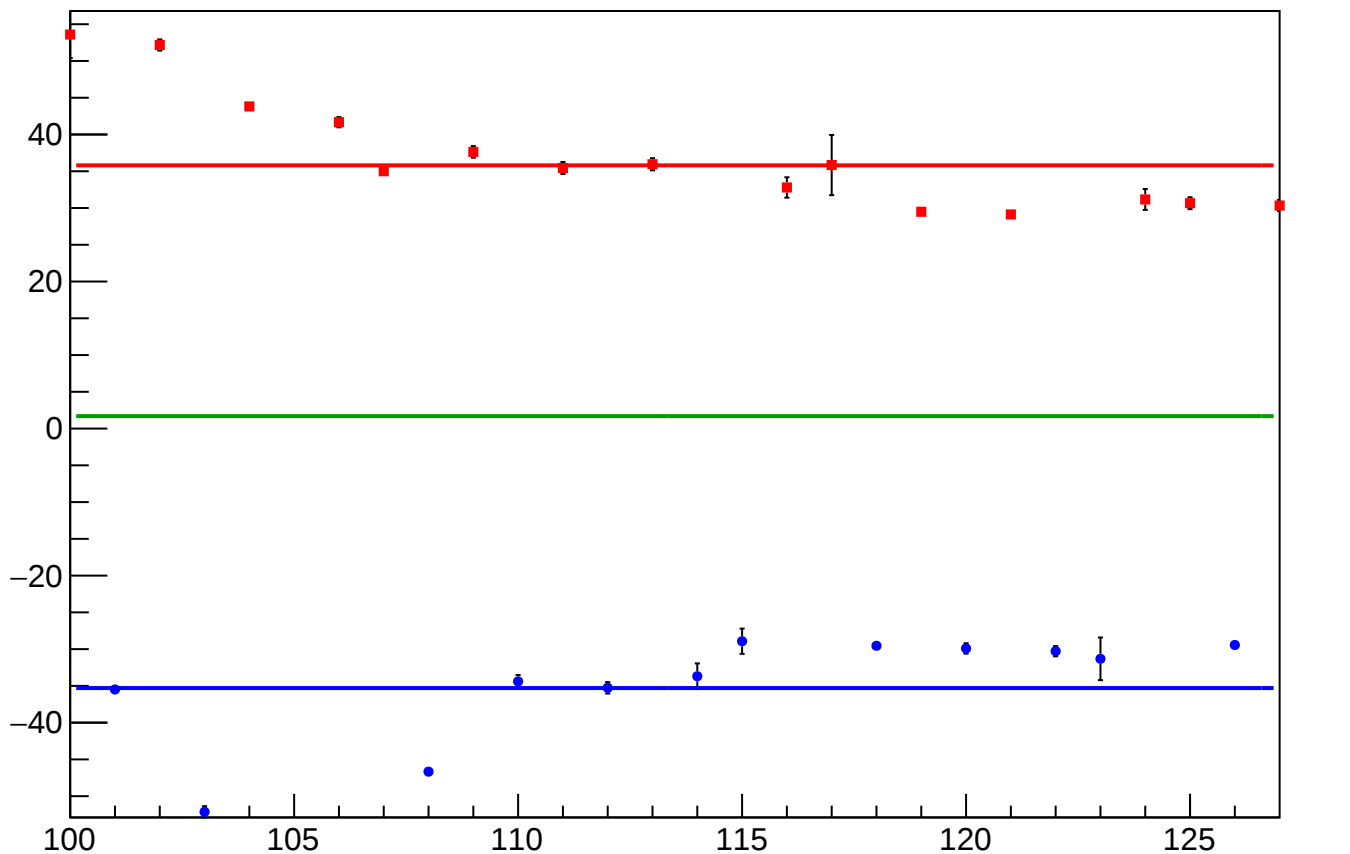
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.613 ± 0.334 χ^2/NDF : 76.4/11

2.753 ± 0.225 χ^2/NDF : 17344.0/26

29.511 ± 0.304 χ^2/NDF : 121.2/14

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.294 ± 0.197 $\chi^2/\text{NDF}: 1195.2/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 35.802 ± 0.189 $\chi^2/\text{NDF}: 1129.4/14$

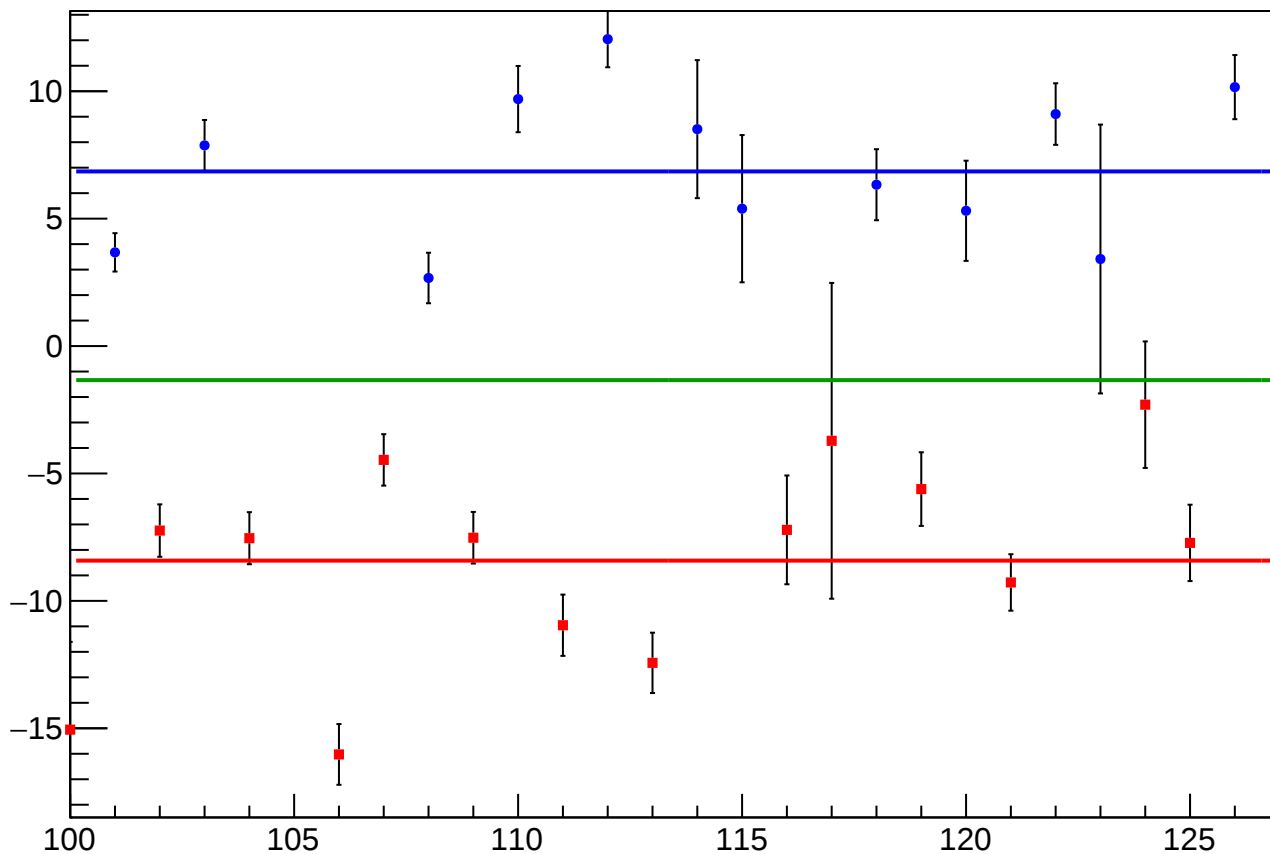
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-35.294 ± 0.197 $\chi^2/\text{NDF}: 1195.2/11$

1.690 ± 0.137 $\chi^2/\text{NDF}: 69912.0/26$

35.802 ± 0.189 $\chi^2/\text{NDF}: 1129.4/14$

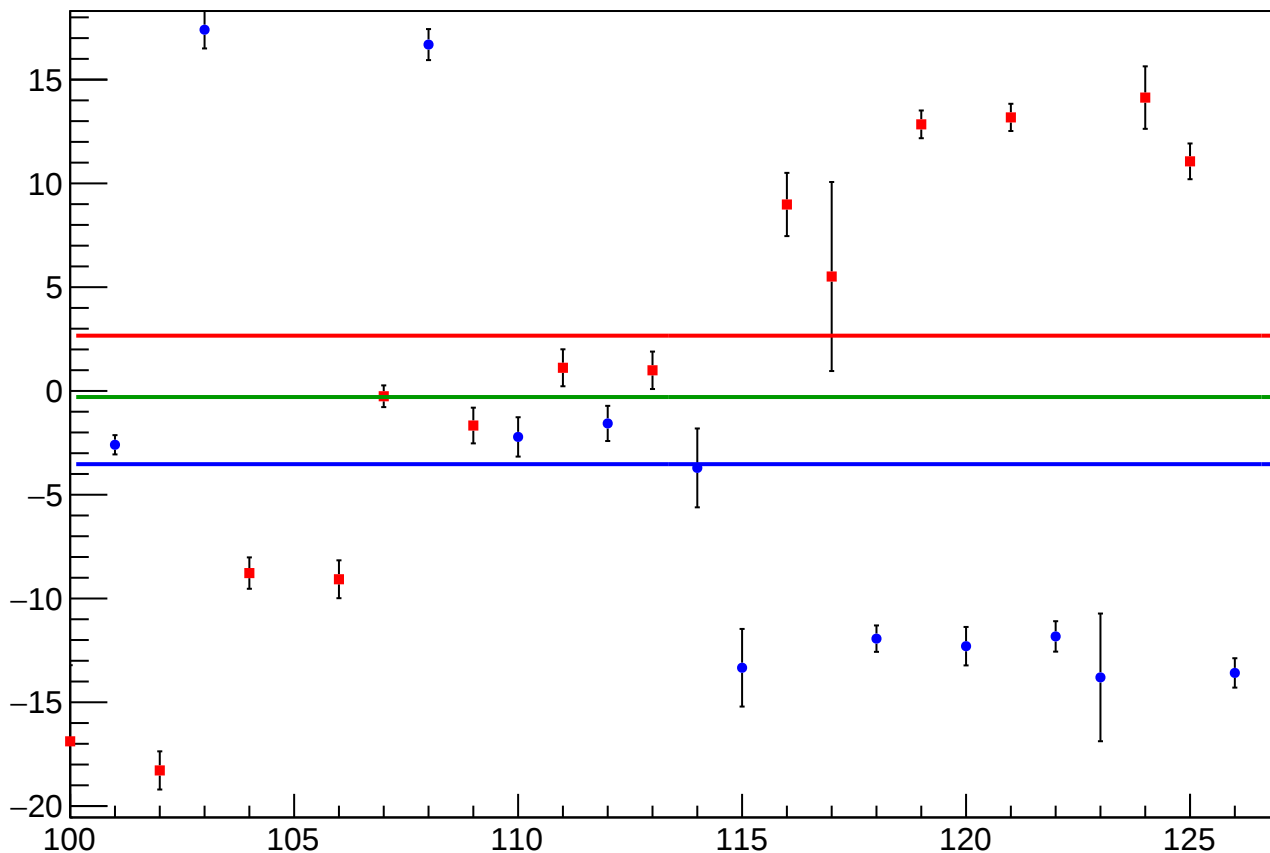
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.853 $\pm$ 0.363 χ^2 /NDF: 75.8/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -8.420 $\pm$ 0.338 χ^2 /NDF: 93.9/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.853 $\pm$ 0.363 χ^2 /NDF: 75.8/11
 -1.337 $\pm$ 0.247 χ^2 /NDF: 1118.1/26
 -8.420 $\pm$ 0.338 χ^2 /NDF: 93.9/14

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.527 ± 0.234 $\chi^2/\text{NDF}: 1914.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.664 ± 0.223 $\chi^2/\text{NDF}: 1800.2/14$

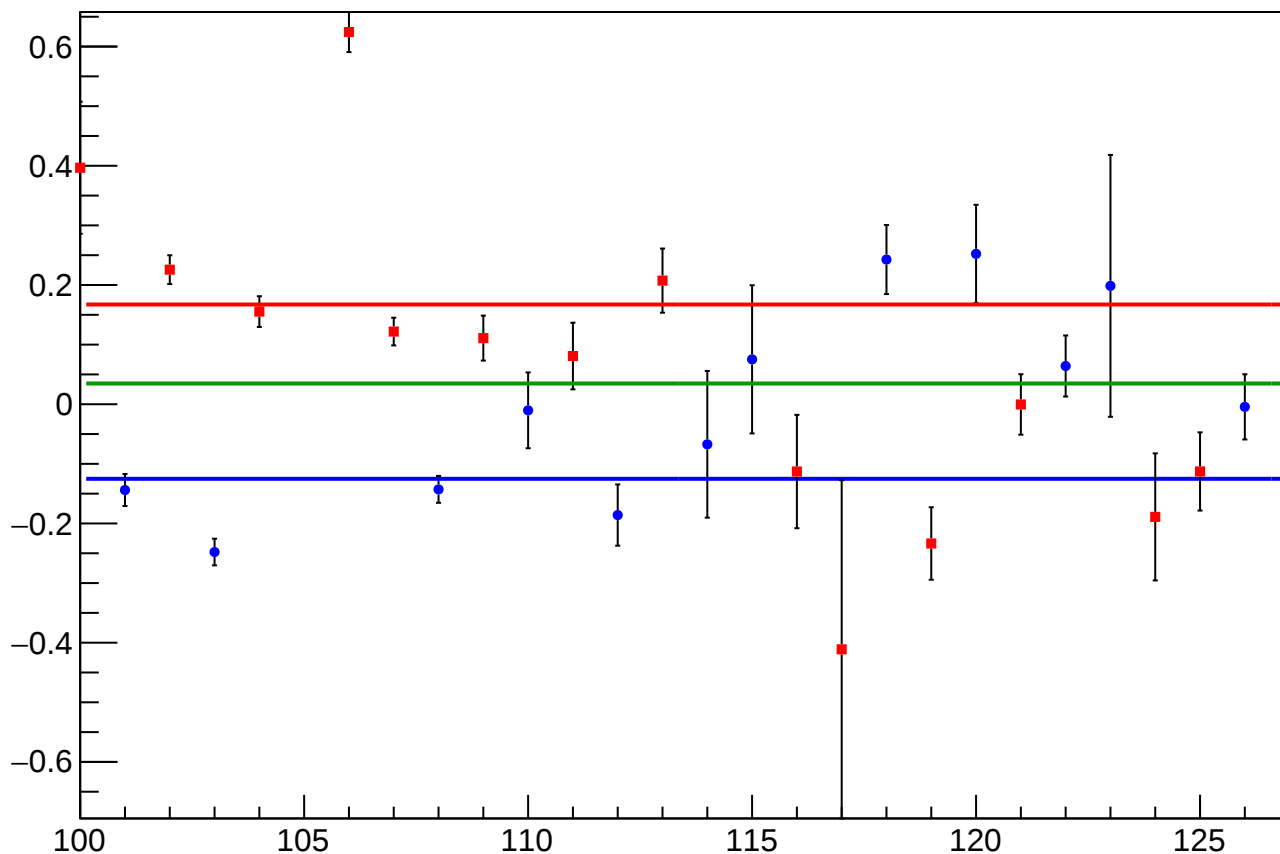
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.527 ± 0.234 $\chi^2/\text{NDF}: 1914.4/11$

-0.293 ± 0.161 $\chi^2/\text{NDF}: 4081.6/26$

2.664 ± 0.223 $\chi^2/\text{NDF}: 1800.2/14$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.125 ± 0.012 χ^2/NDF : 120.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.167 ± 0.011 χ^2/NDF : 313.2/14

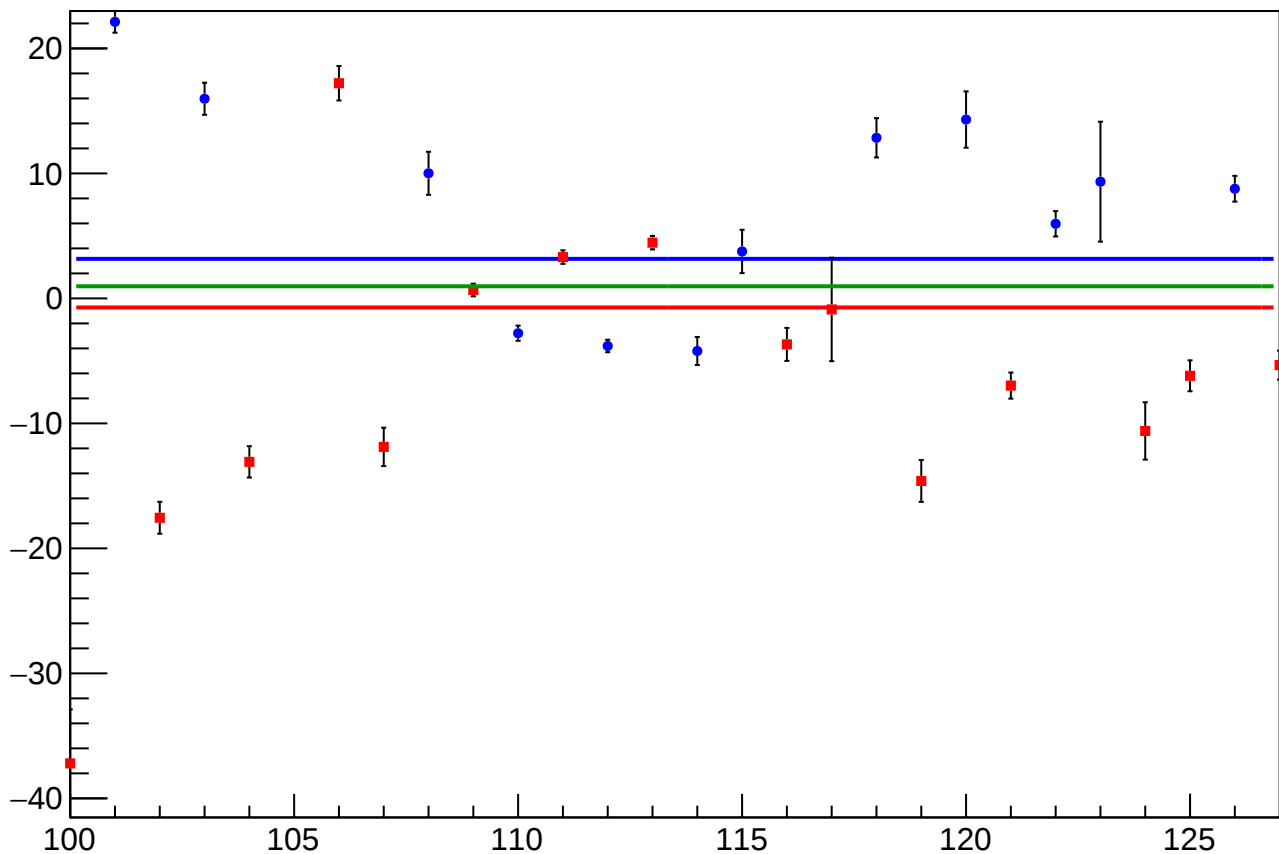
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.125 ± 0.012 χ^2/NDF : 120.8/11

0.035 ± 0.008 χ^2/NDF : 775.0/26

0.167 ± 0.011 χ^2/NDF : 313.2/14

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.164+/-0.281 χ^2/NDF : 1028.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.725+/-0.247 χ^2/NDF : 881.1/14

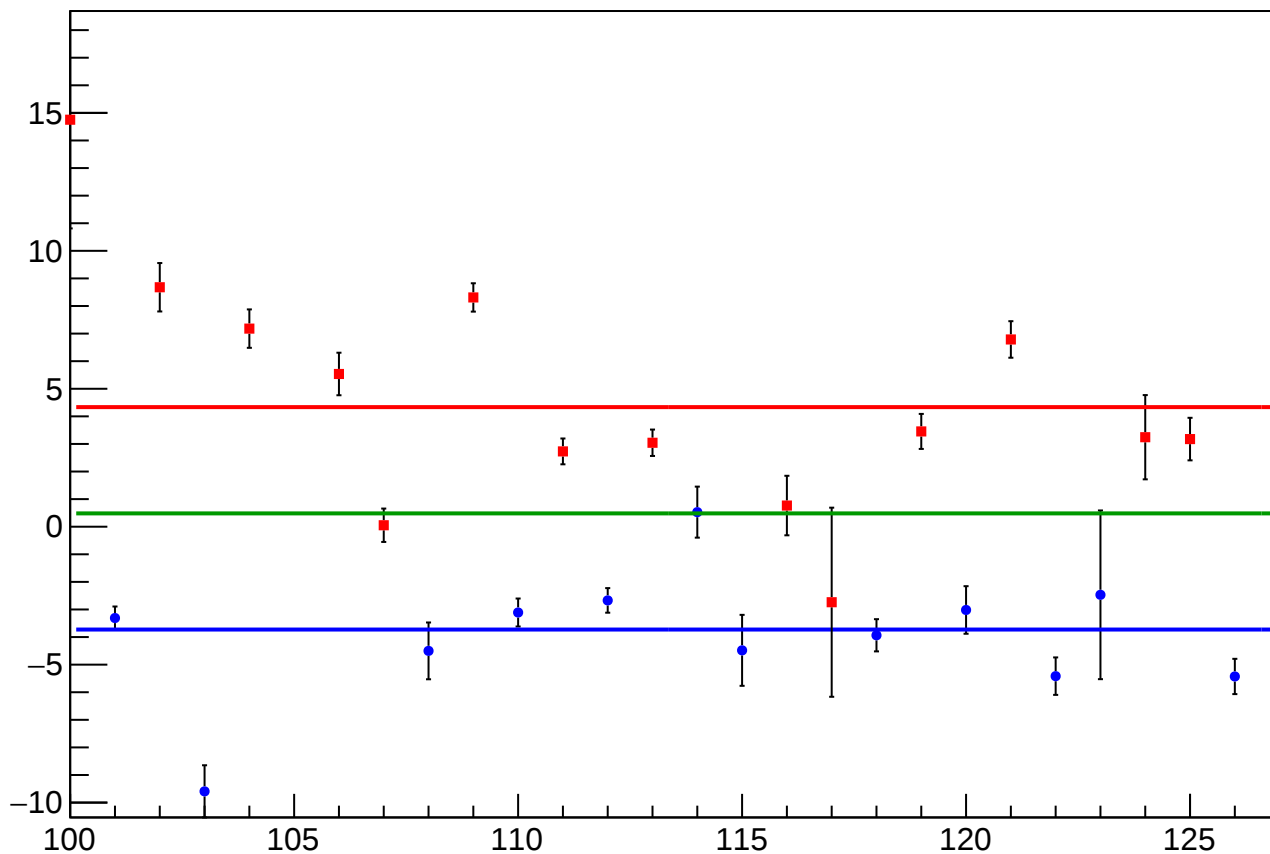
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.164+/-0.281 χ^2/NDF : 1028.6/11

0.970+/-0.186 χ^2/NDF : 2017.8/26

-0.725+/-0.247 χ^2/NDF : 881.1/14

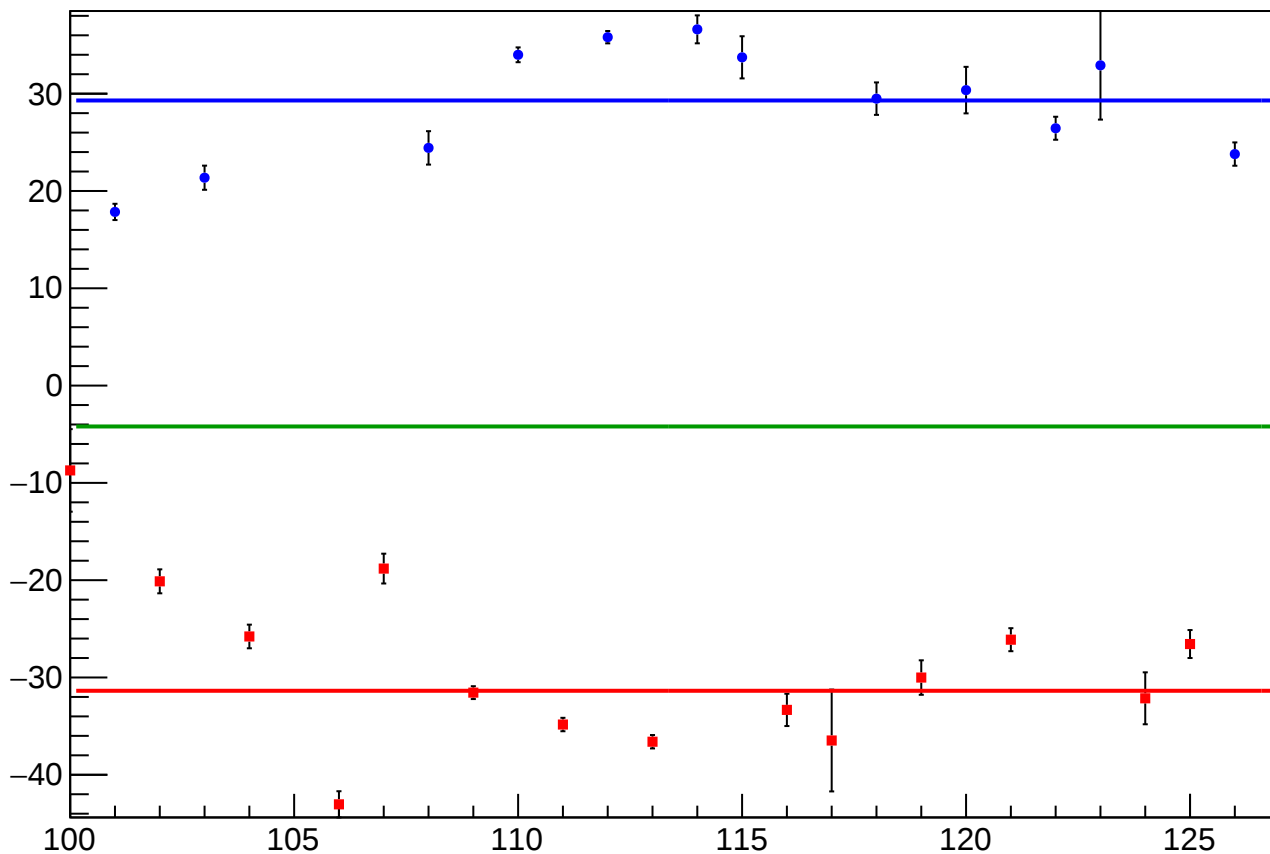
reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.728 ± 0.191 $\chi^2/\text{NDF}: 82.9/11$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 4.335 ± 0.182 $\chi^2/\text{NDF}: 215.4/14$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.728 ± 0.191 $\chi^2/\text{NDF}: 82.9/11$
 0.483 ± 0.132 $\chi^2/\text{NDF}: 1231.7/26$
 4.335 ± 0.182 $\chi^2/\text{NDF}: 215.4/14$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.302 $\pm$ 0.328 χ^2 /NDF: 437.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.366 $\pm$ 0.295 χ^2 /NDF: 398.8/14

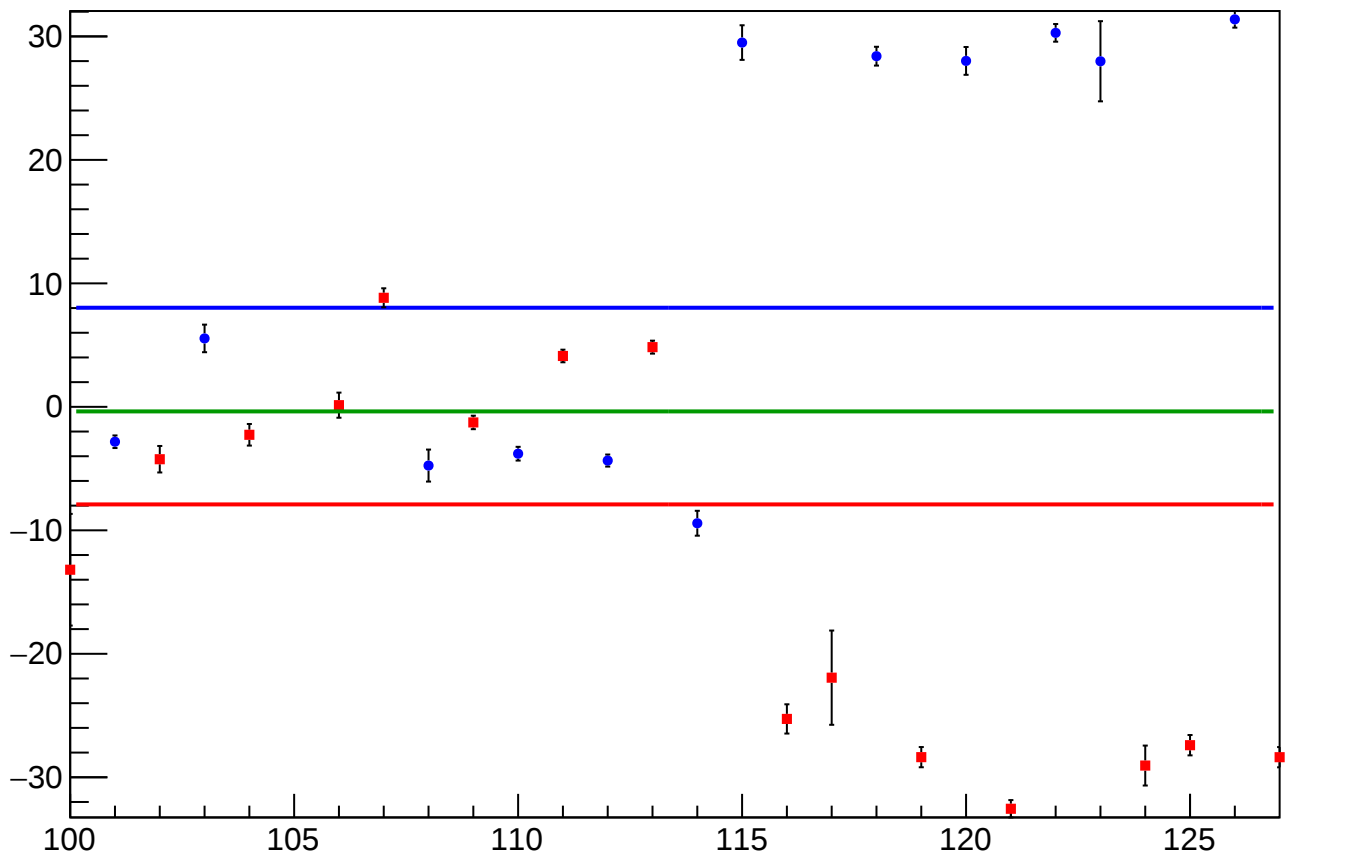
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

29.302 $\pm$ 0.328 χ^2 /NDF: 437.5/11

-4.202 $\pm$ 0.219 χ^2 /NDF: 19741.1/26

-31.366 $\pm$ 0.295 χ^2 /NDF: 398.8/14

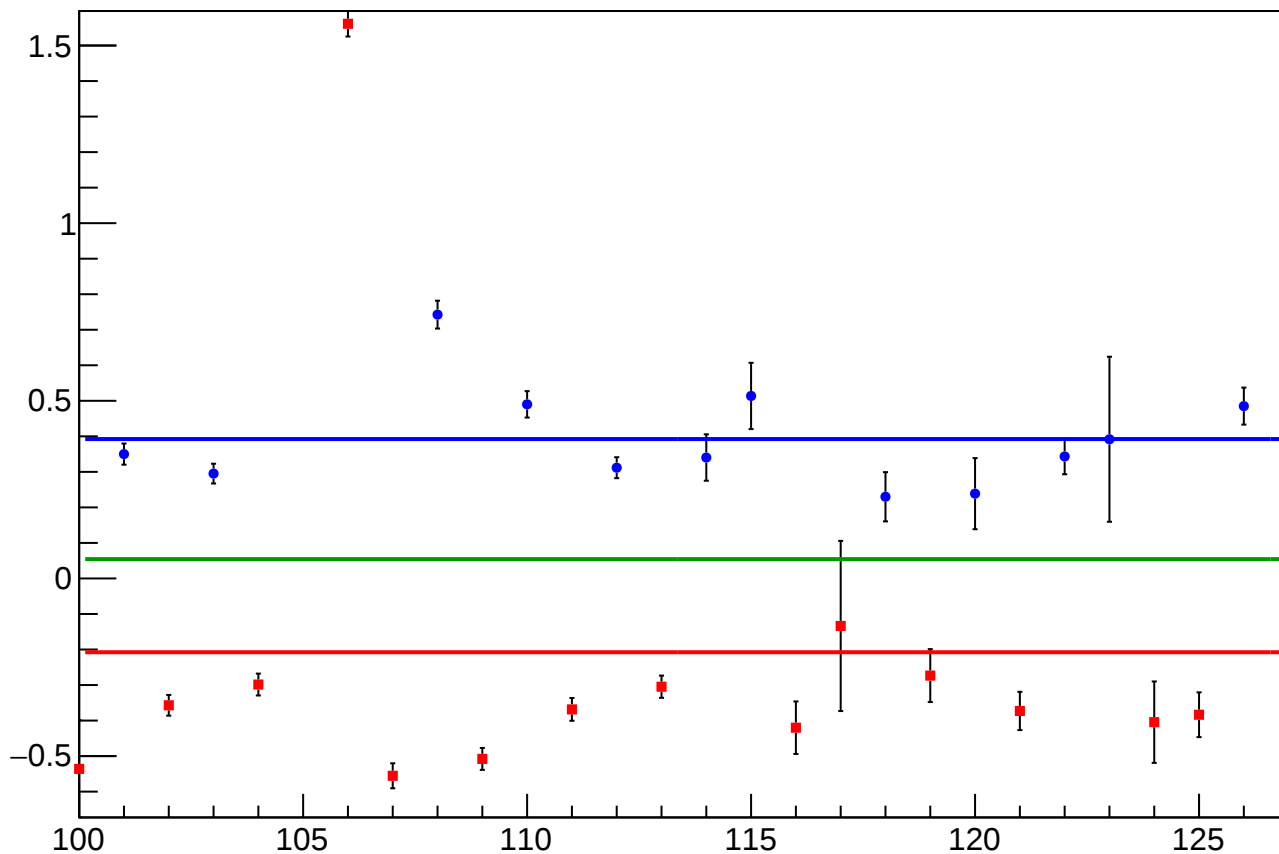
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.026+/-0.219 χ^2/NDF : 5425.5/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7.901+/-0.207 χ^2/NDF : 5316.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.026+/-0.219 χ^2/NDF : 5425.5/11
 -0.369+/-0.150 χ^2/NDF : 13542.0/26
 -7.901+/-0.207 χ^2/NDF : 5316.4/14

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.392 ± 0.013 χ^2/NDF : 122.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.208 ± 0.011 χ^2/NDF : 2742.8/14

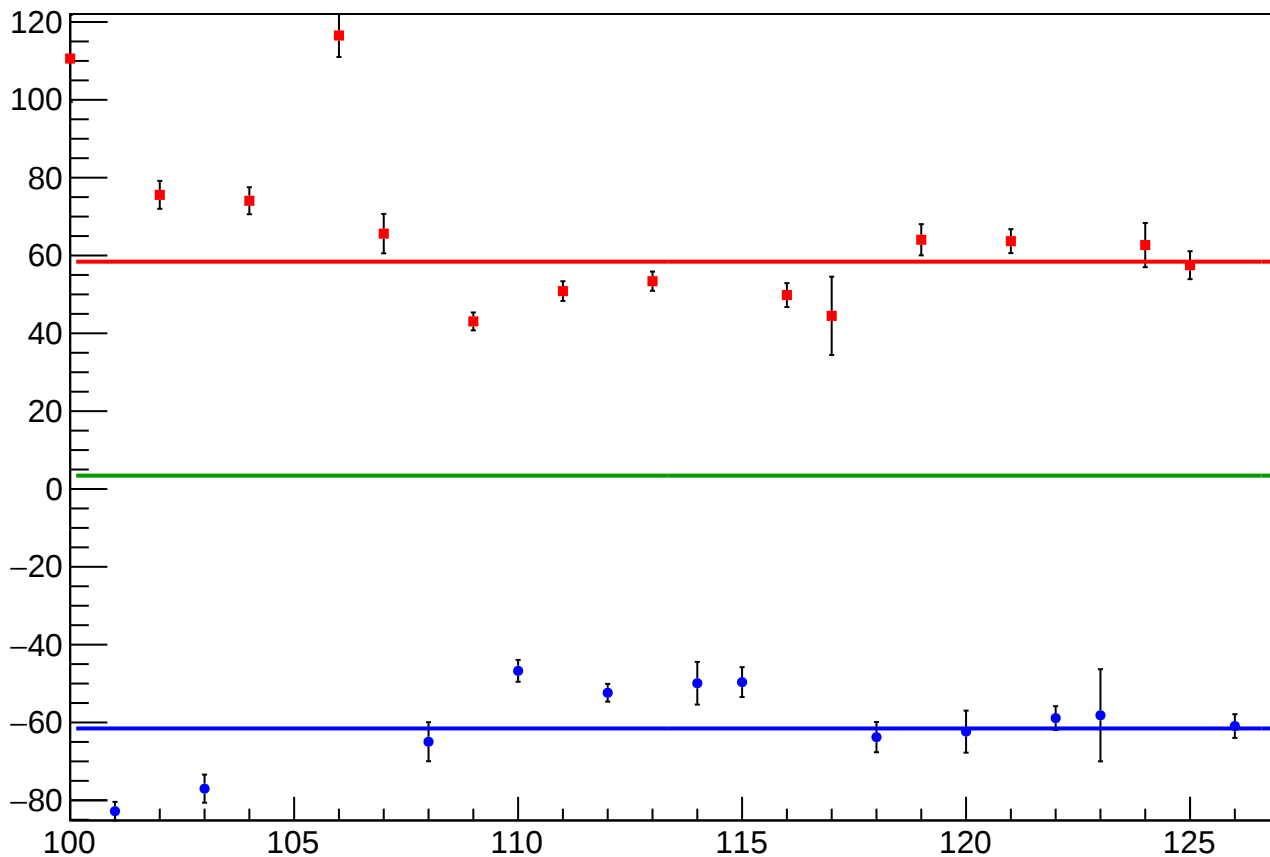
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.392 ± 0.013 χ^2/NDF : 122.7/11

0.054 ± 0.008 χ^2/NDF : 4159.8/26

-0.208 ± 0.011 χ^2/NDF : 2742.8/14

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.539 $\pm$ 0.983 χ^2 /NDF: 157.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.414 $\pm$ 0.904 χ^2 /NDF: 251.8/14

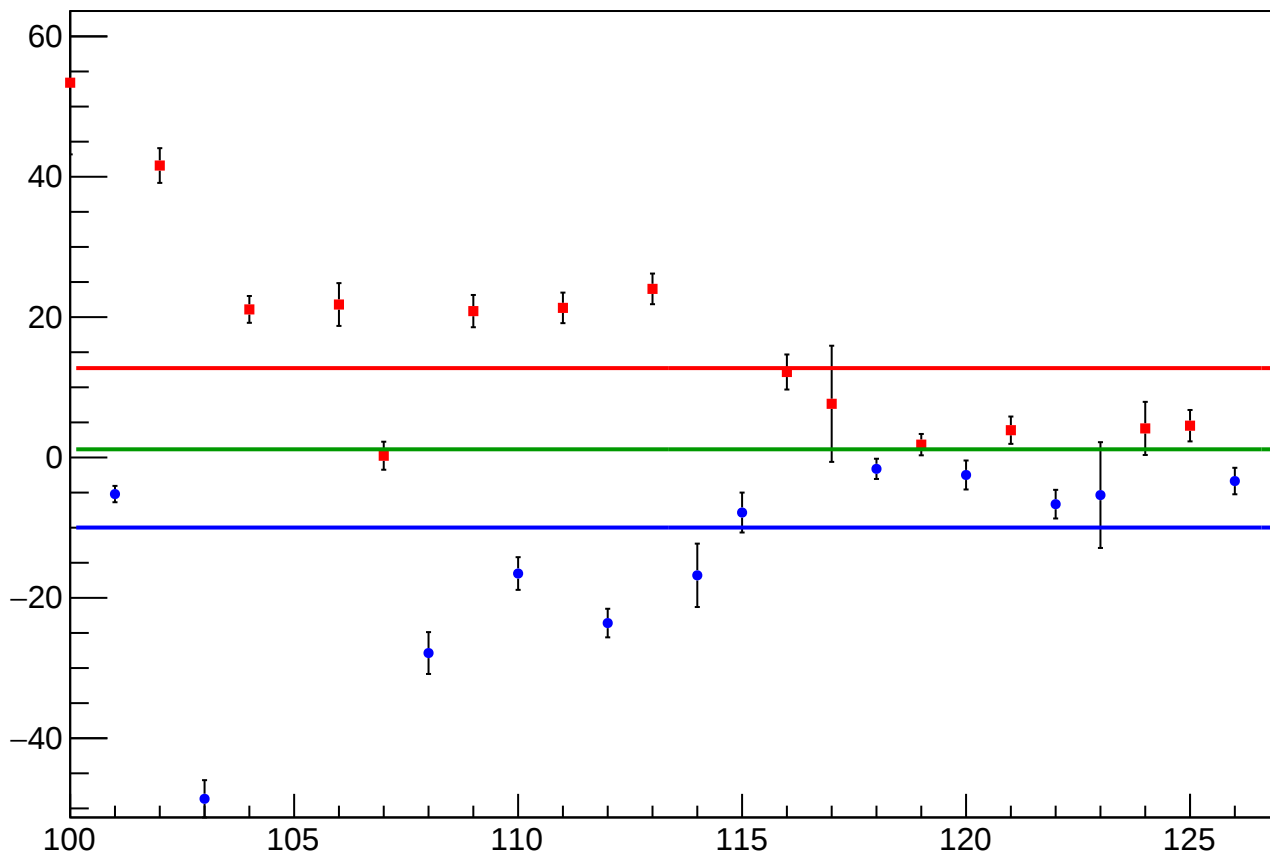
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-61.539 $\pm$ 0.983 χ^2 /NDF: 157.3/11

3.431 $\pm$ 0.666 χ^2 /NDF: 8473.2/26

58.414 $\pm$ 0.904 χ^2 /NDF: 251.8/14

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.981 ± 0.593 χ^2/NDF : 381.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.736 ± 0.604 χ^2/NDF : 377.1/14

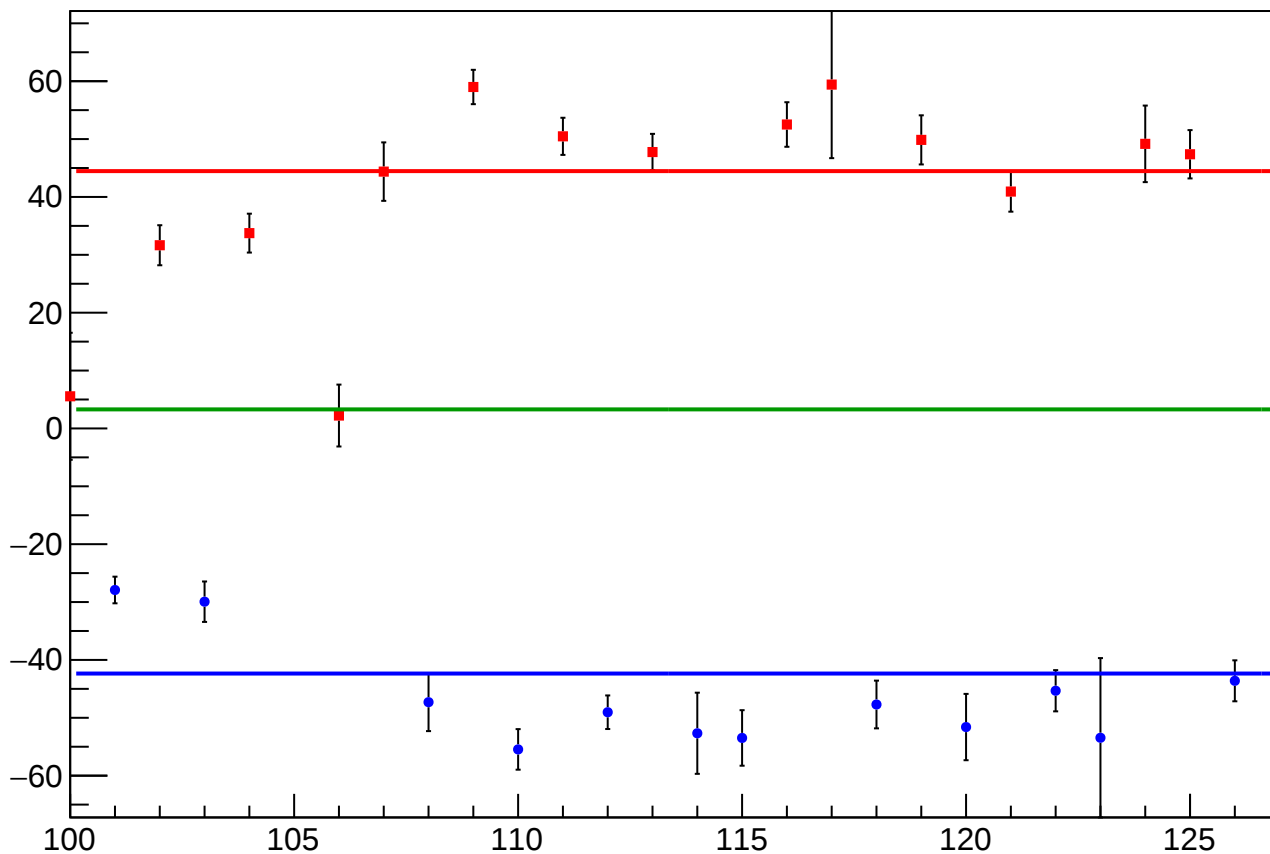
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.981 ± 0.593 χ^2/NDF : 381.9/11

1.166 ± 0.423 χ^2/NDF : 1479.4/26

12.736 ± 0.604 χ^2/NDF : 377.1/14

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.354 $\pm$ 1.099 χ^2 /NDF: 85.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.464 $\pm$ 1.044 χ^2 /NDF: 138.8/14

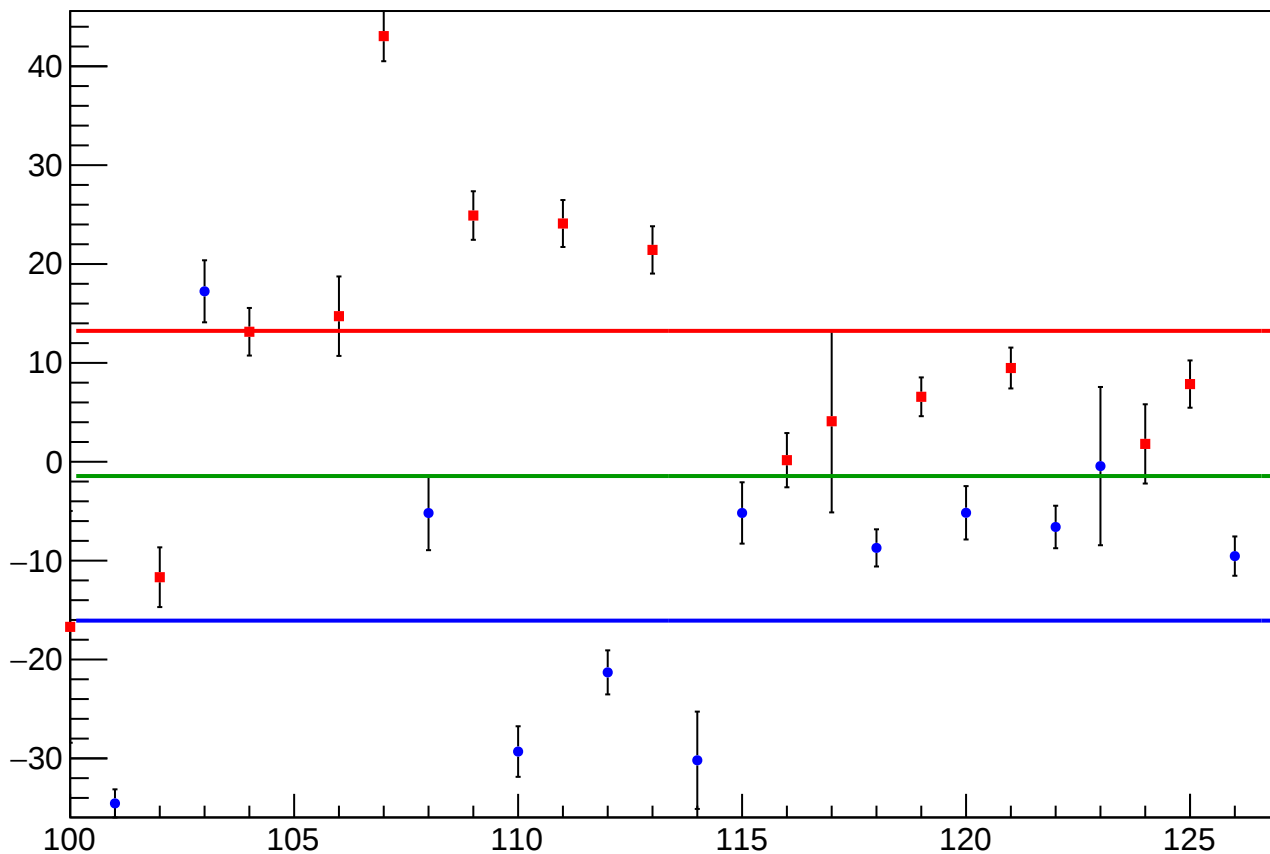
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-42.354 $\pm$ 1.099 χ^2 /NDF: 85.5/11

3.291 $\pm$ 0.757 χ^2 /NDF: 3504.4/26

44.464 $\pm$ 1.044 χ^2 /NDF: 138.8/14

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.067 $\pm$ 0.695 χ^2 /NDF: 408.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.239 $\pm$ 0.696 χ^2 /NDF: 324.8/14

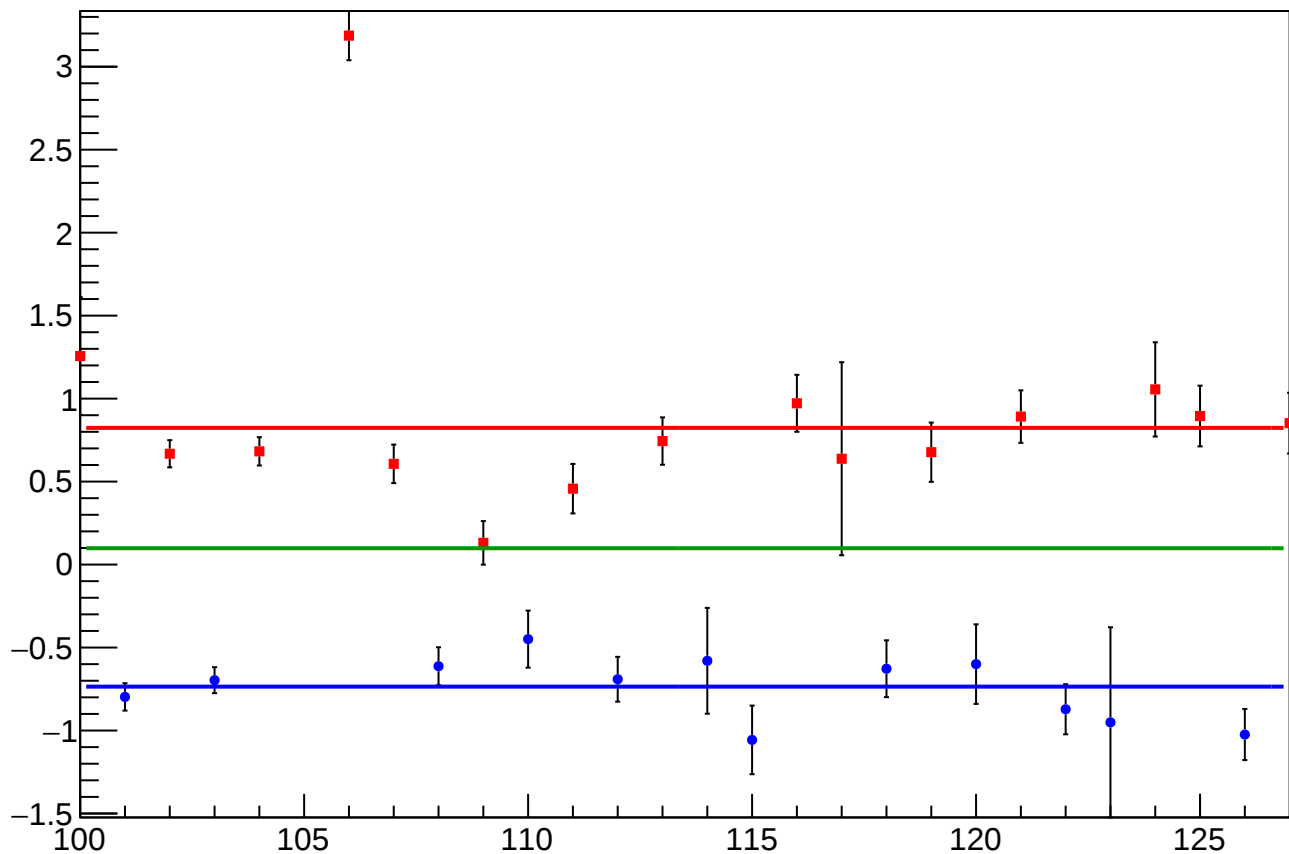
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-16.067 $\pm$ 0.695 χ^2 /NDF: 408.7/11

-1.442 $\pm$ 0.492 χ^2 /NDF: 1621.4/26

13.239 $\pm$ 0.696 χ^2 /NDF: 324.8/14

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.735±/0.039 χ^2/NDF : 12.7/11

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 0.824±/0.037 χ^2/NDF : 302.0/14

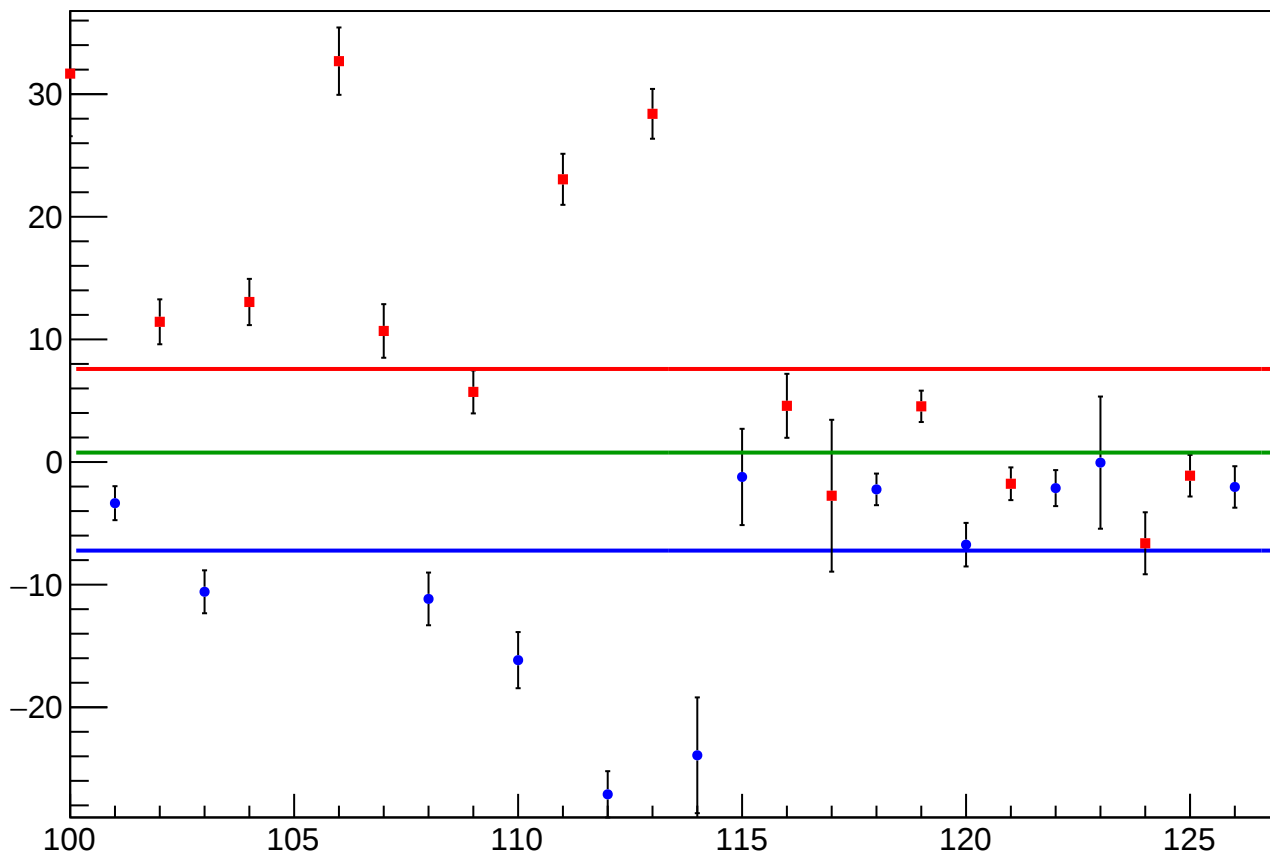
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-0.735±/0.039 χ^2/NDF : 12.7/11

0.098±/0.027 χ^2/NDF : 1158.5/26

0.824±/0.037 χ^2/NDF : 302.0/14

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.222+/-0.541 χ^2/NDF : 194.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.589+/-0.500 χ^2/NDF : 414.9/14

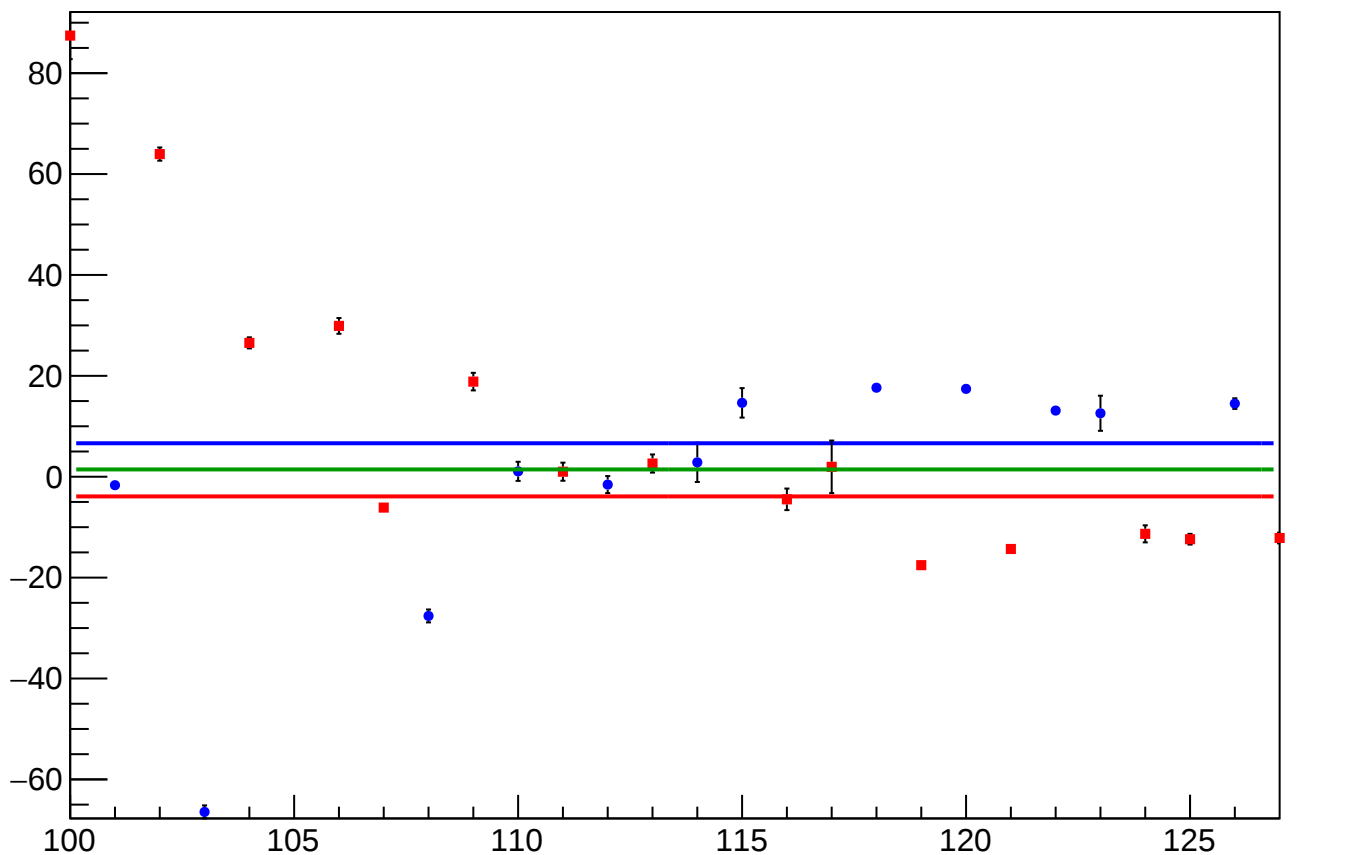
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.222+/-0.541 χ^2/NDF : 194.1/11

0.771+/-0.367 χ^2/NDF : 1012.9/26

7.589+/-0.500 χ^2/NDF : 414.9/14

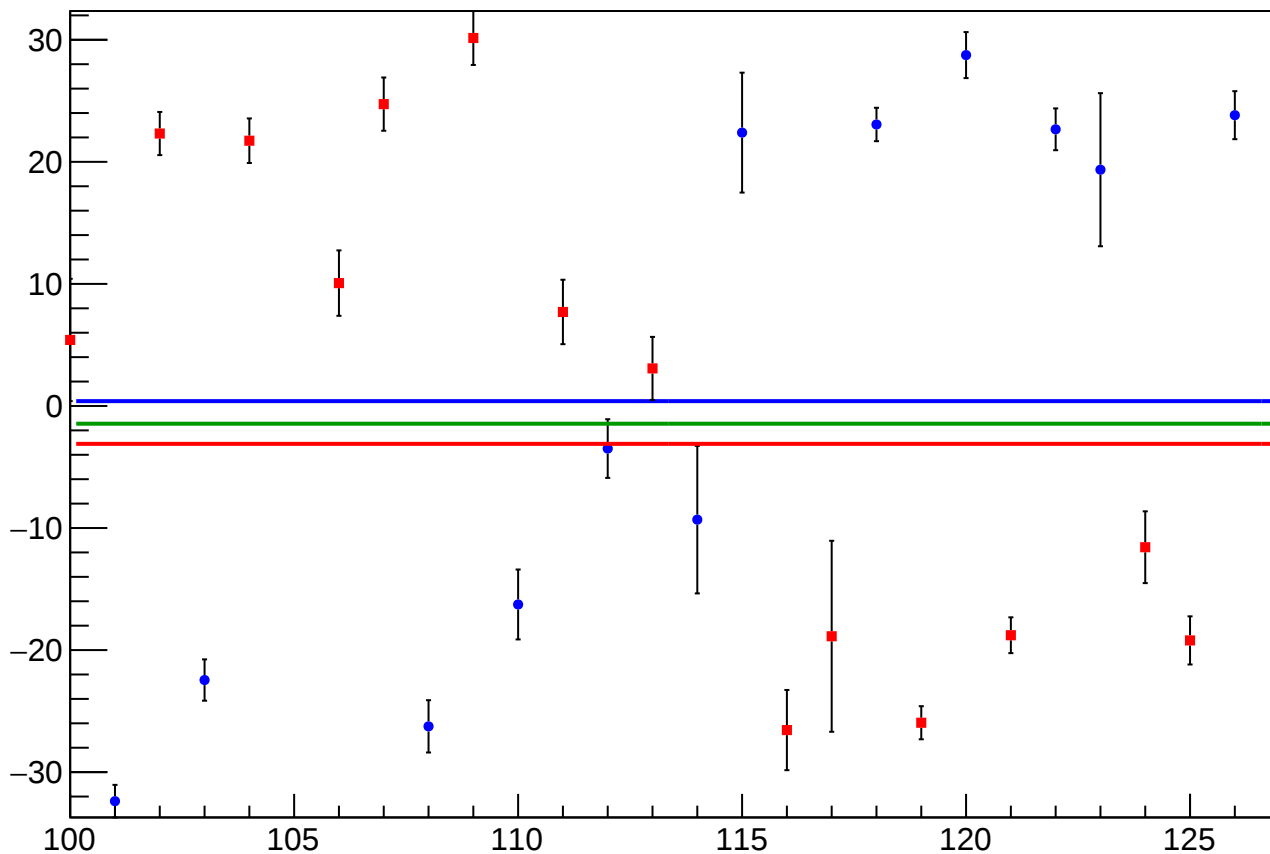
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.634 ± 0.282 χ^2/NDF : 4972.0/11
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -3.903 ± 0.286 χ^2/NDF : 5589.5/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.634 ± 0.282 χ^2/NDF : 4972.0/11
 1.446 ± 0.201 χ^2/NDF : 11251.0/26
 -3.903 ± 0.286 χ^2/NDF : 5589.5/14

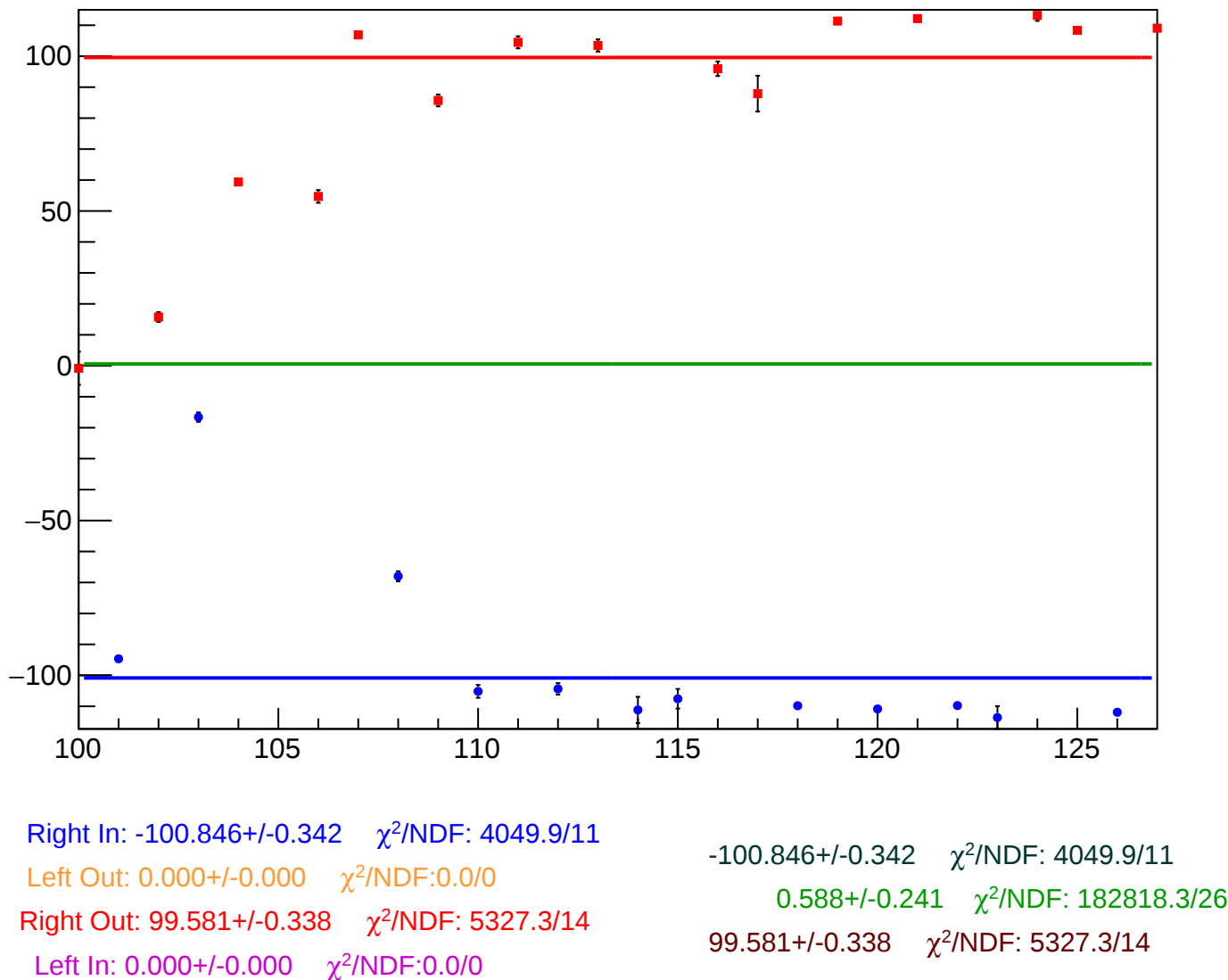
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



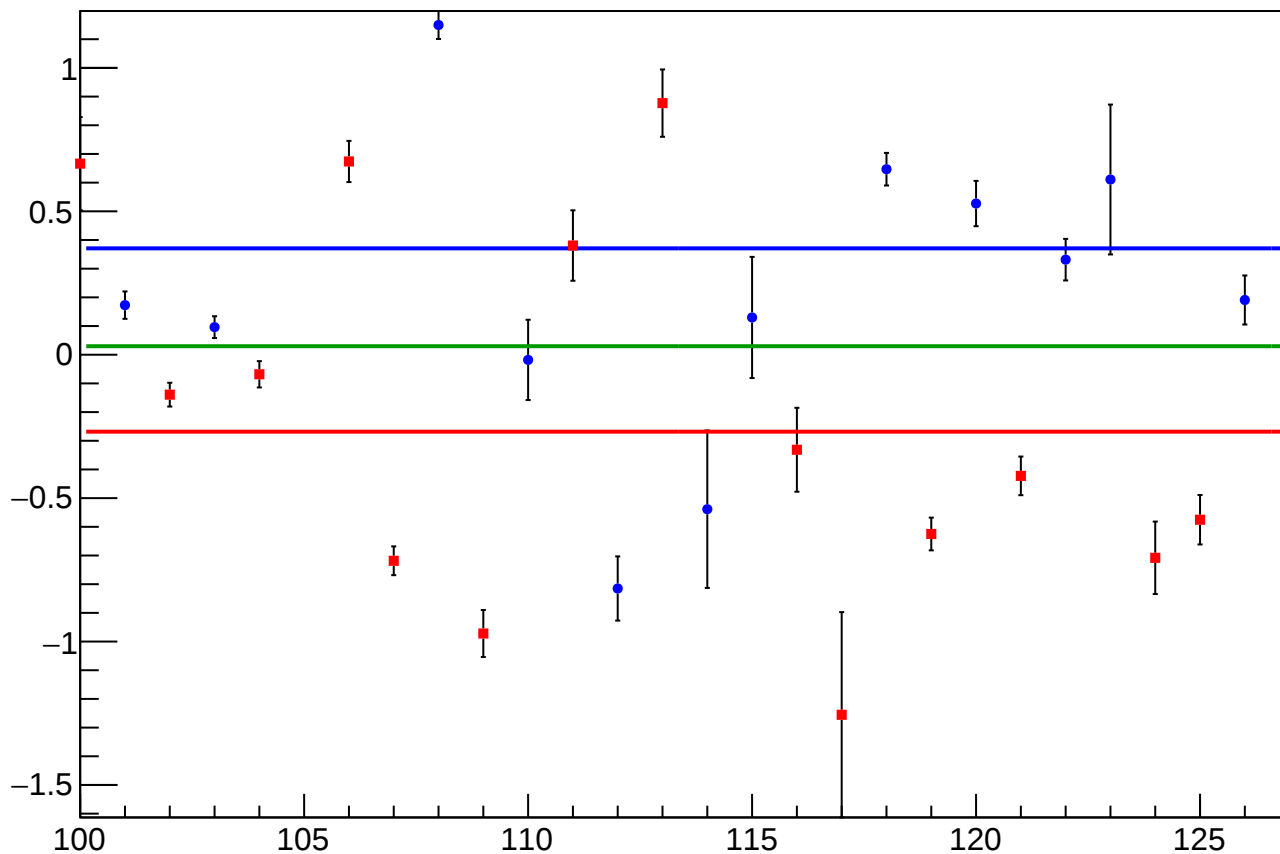
Right In: 0.395+/-0.584 χ^2/NDF : 1819.6/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.104+/-0.552 χ^2/NDF : 1468.6/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.395+/-0.584 χ^2/NDF : 1819.6/11
 -1.454+/-0.401 χ^2/NDF : 3307.2/26
 -3.104+/-0.552 χ^2/NDF : 1468.6/14

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.371 ± 0.020 χ^2/NDF : 489.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.268 ± 0.019 χ^2/NDF : 588.3/14

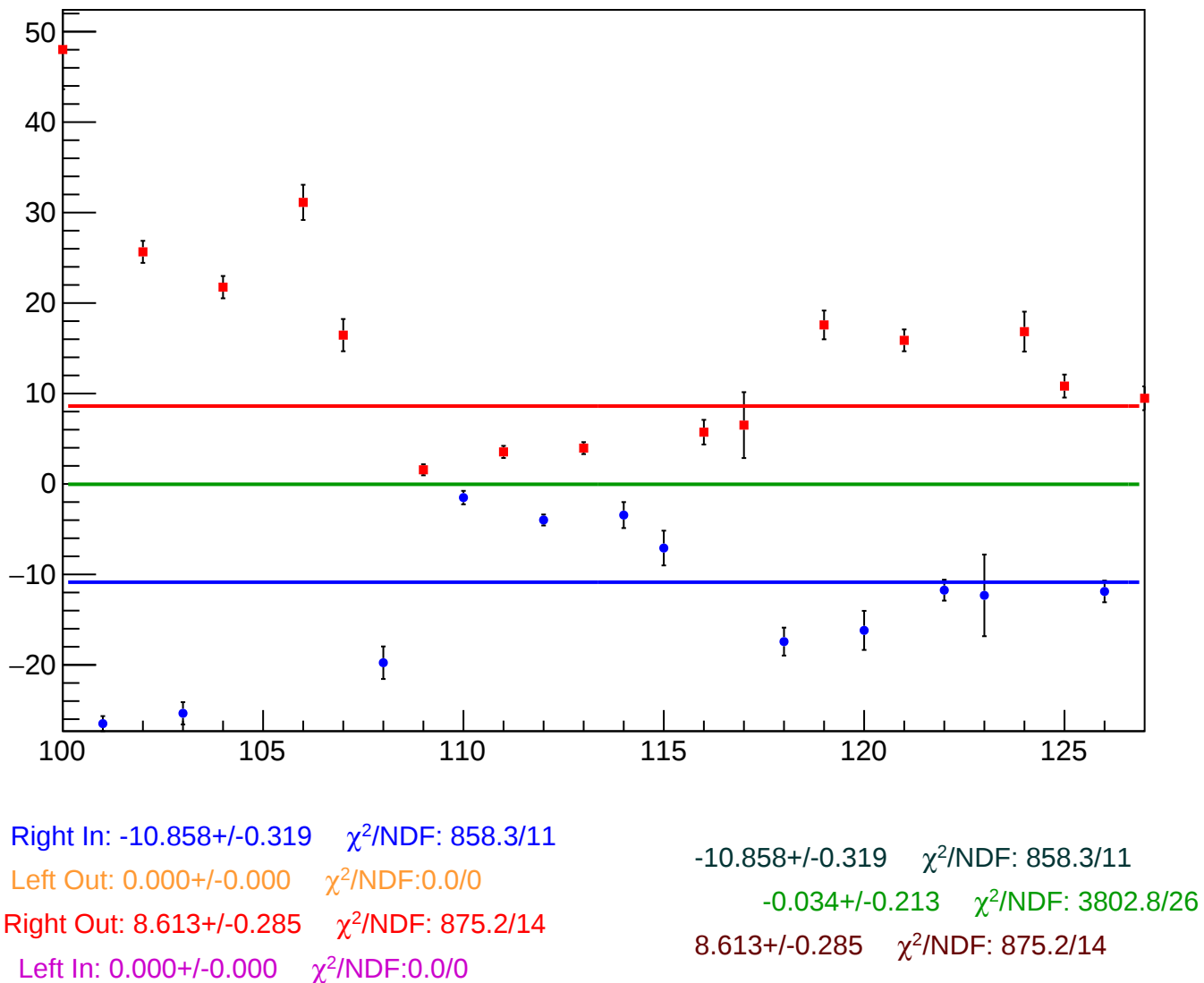
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.371 ± 0.020 χ^2/NDF : 489.9/11

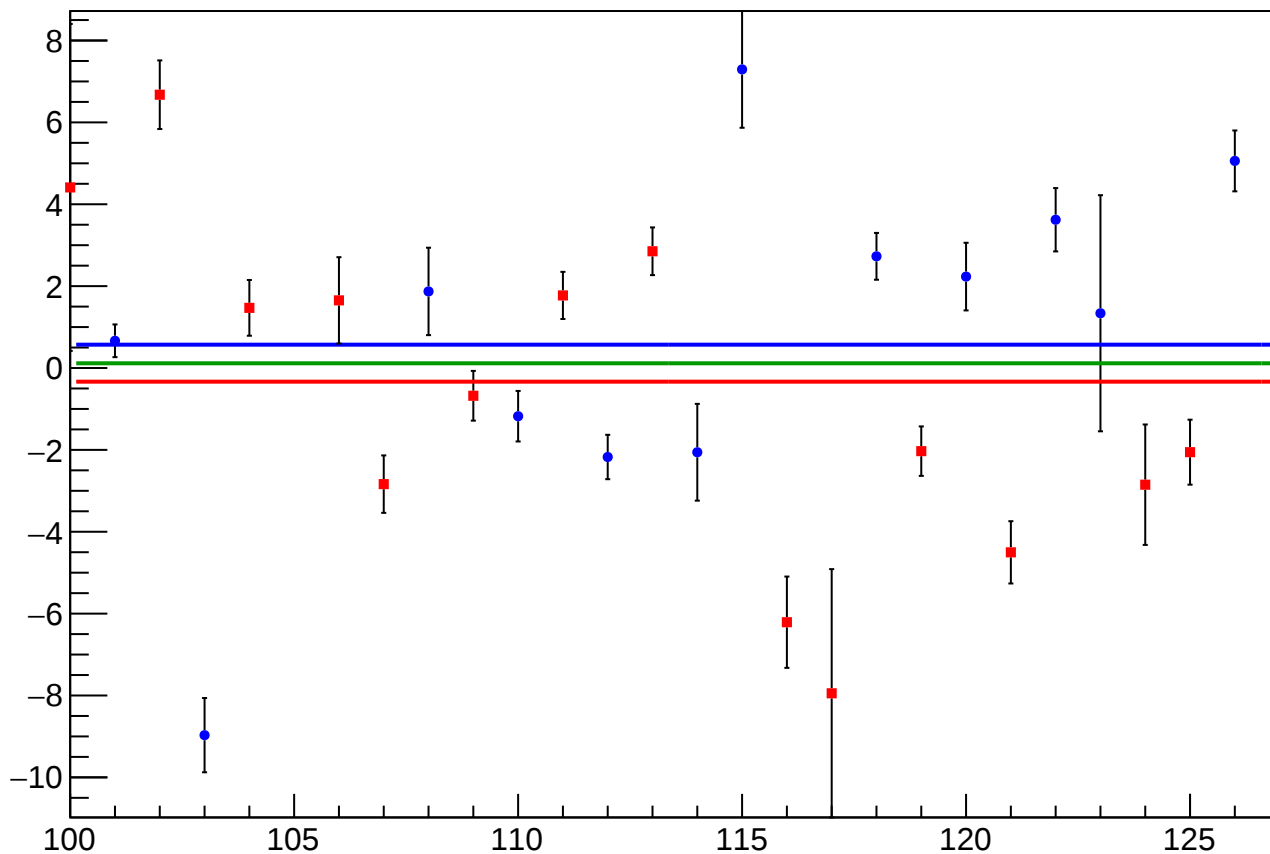
0.030 ± 0.014 χ^2/NDF : 1630.1/26

-0.268 ± 0.019 χ^2/NDF : 588.3/14

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.570 $\pm$ 0.205 χ^2 /NDF: 243.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.334 $\pm$ 0.204 χ^2 /NDF: 231.9/14

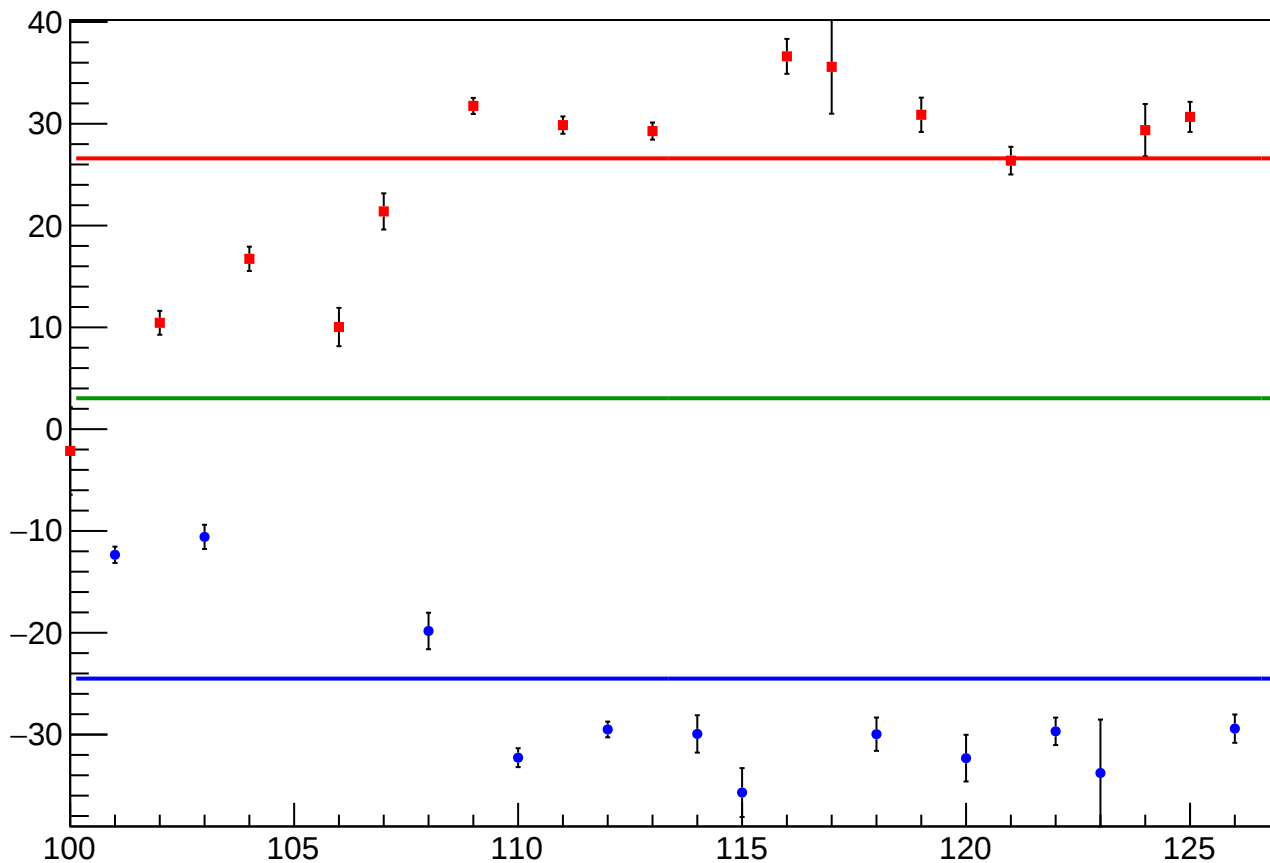
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.570 $\pm$ 0.205 χ^2 /NDF: 243.3/11

0.115 $\pm$ 0.145 χ^2 /NDF: 484.9/26

-0.334 $\pm$ 0.204 χ^2 /NDF: 231.9/14

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.503 ± 0.364 $\chi^2/\text{NDF}: 568.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 26.602 ± 0.337 $\chi^2/\text{NDF}: 522.2/14$

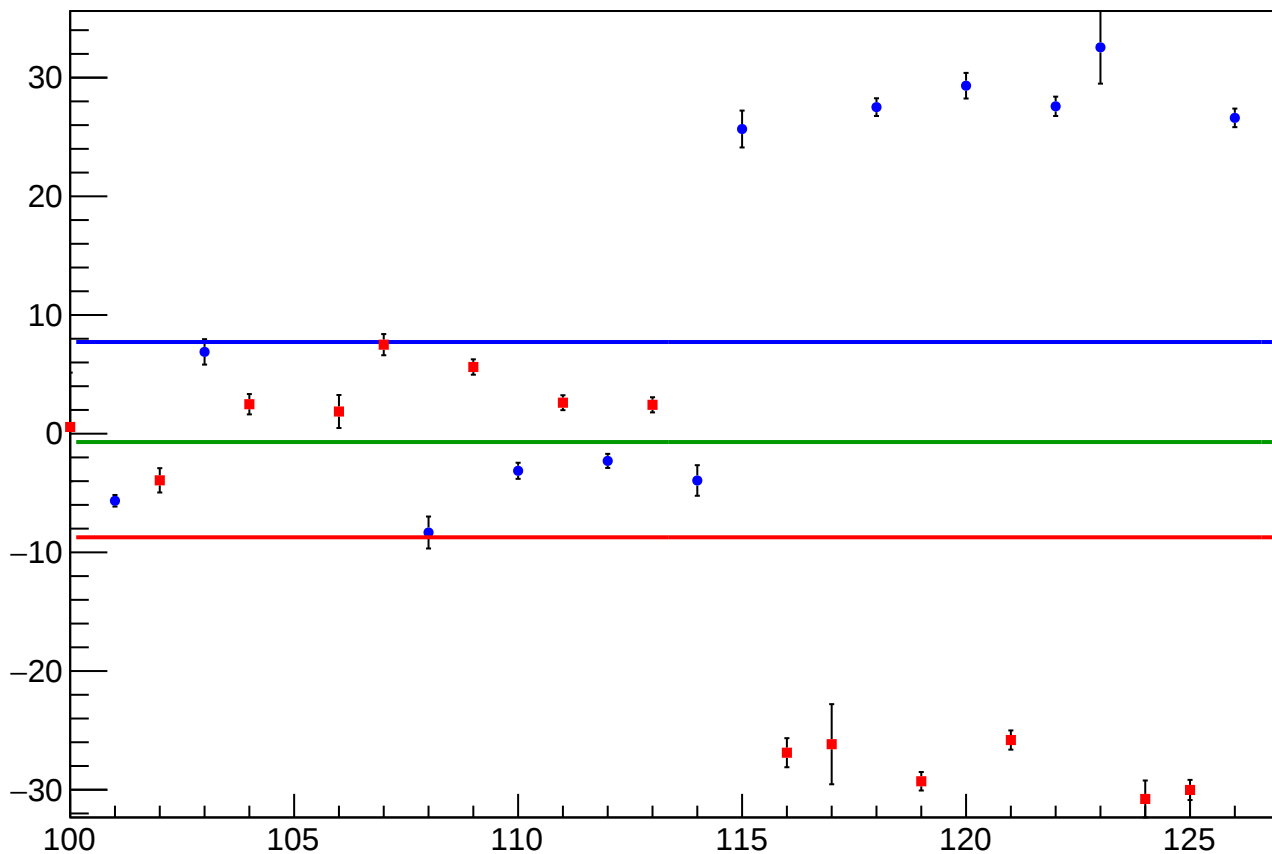
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-24.503 ± 0.364 $\chi^2/\text{NDF}: 568.6/11$

3.037 ± 0.247 $\chi^2/\text{NDF}: 11703.6/26$

26.602 ± 0.337 $\chi^2/\text{NDF}: 522.2/14$

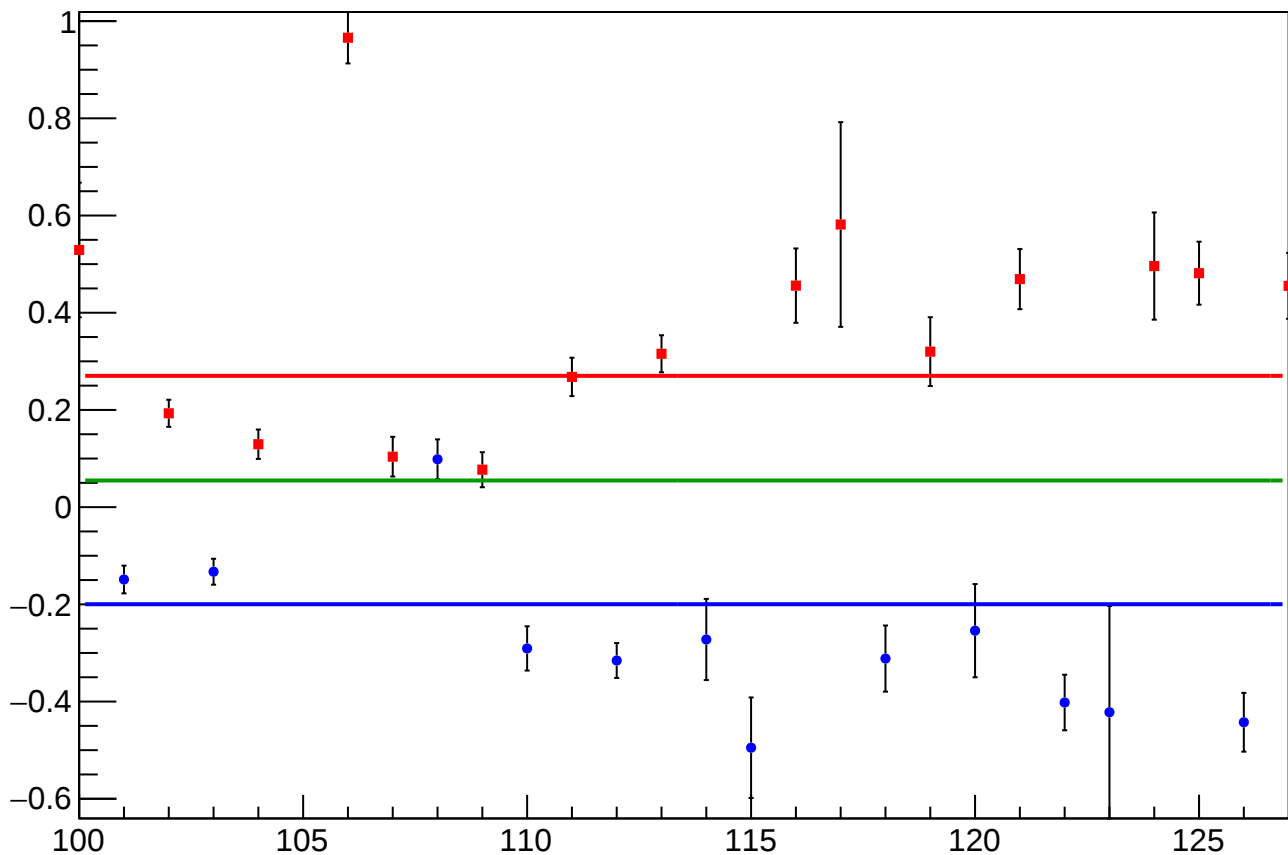
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.724±/0.239 χ^2/NDF : 3996.6/11
 Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0
 Right Out: -8.731±/0.233 χ^2/NDF : 4412.4/14
 Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

7.724±/0.239 χ^2/NDF : 3996.6/11
 -0.704±/0.167 χ^2/NDF : 10843.9/26
 -8.731±/0.233 χ^2/NDF : 4412.4/14

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.200 ± 0.013 $\chi^2/\text{NDF}: 118.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.270 ± 0.012 $\chi^2/\text{NDF}: 293.7/14$

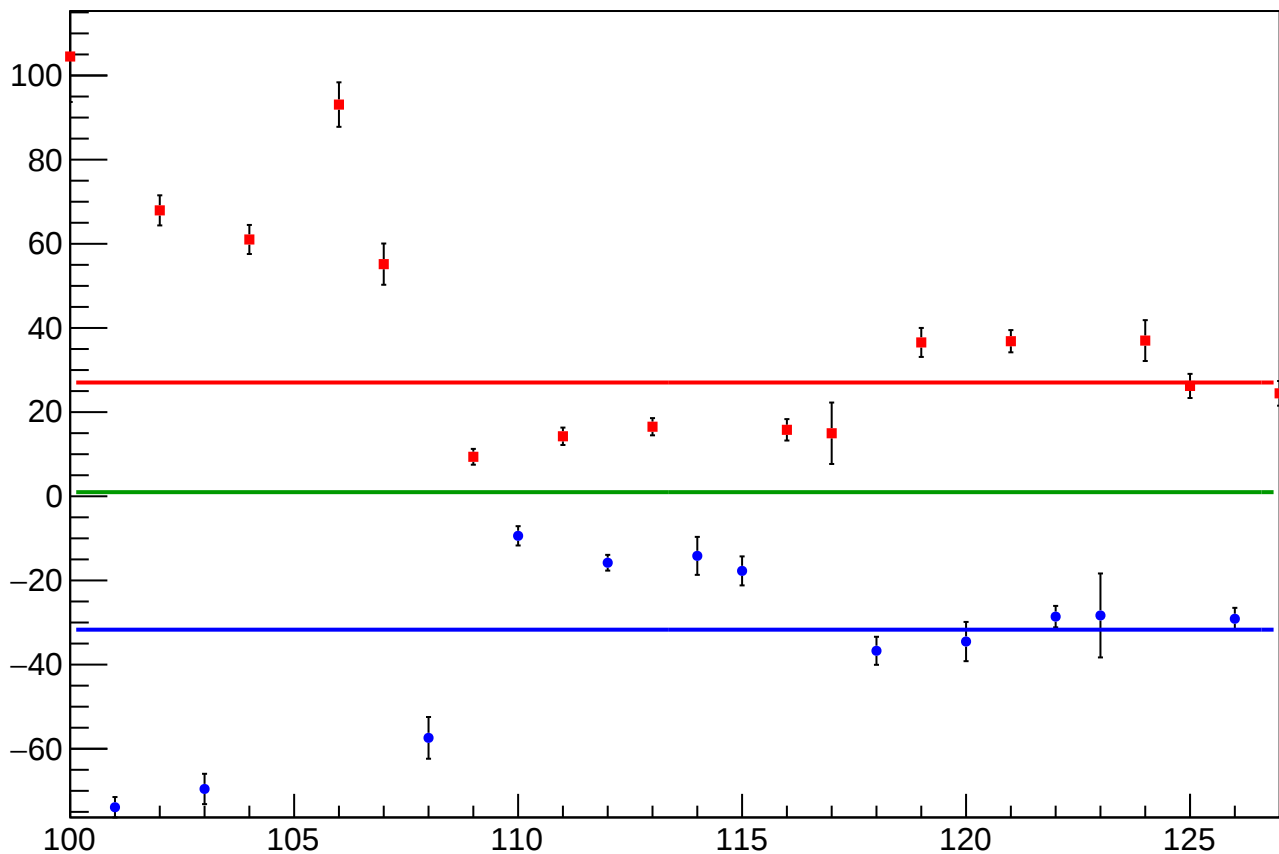
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.200 ± 0.013 $\chi^2/\text{NDF}: 118.5/11$

0.055 ± 0.009 $\chi^2/\text{NDF}: 1088.5/26$

0.270 ± 0.012 $\chi^2/\text{NDF}: 293.7/14$

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -31.700+/-0.862 χ^2/NDF : 643.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.039+/-0.770 χ^2/NDF : 669.7/14

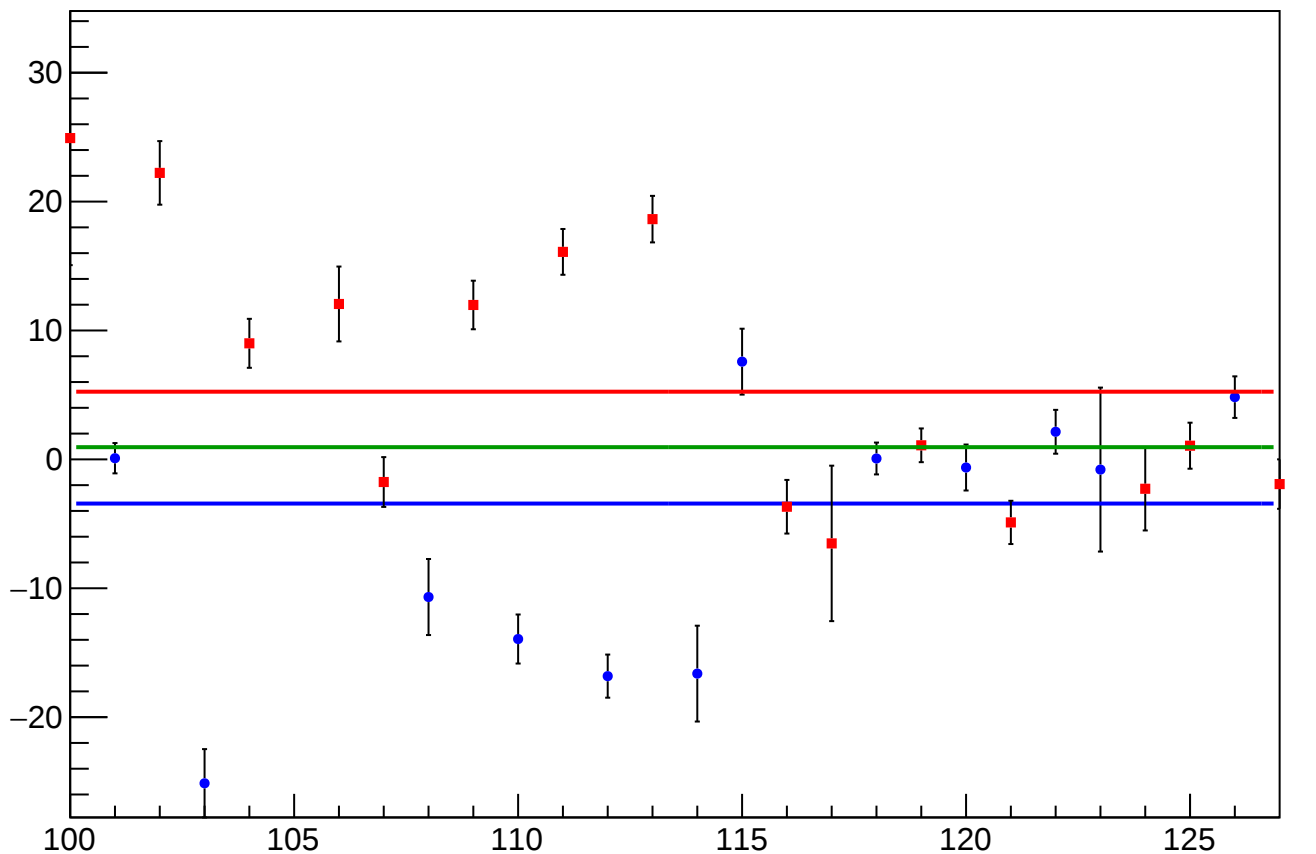
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-31.700+/-0.862 χ^2/NDF : 643.1/11

0.981+/-0.574 χ^2/NDF : 3893.3/26

27.039+/-0.770 χ^2/NDF : 669.7/14

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.428+/-0.530 χ^2/NDF : 255.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.251+/-0.525 χ^2/NDF : 272.7/14

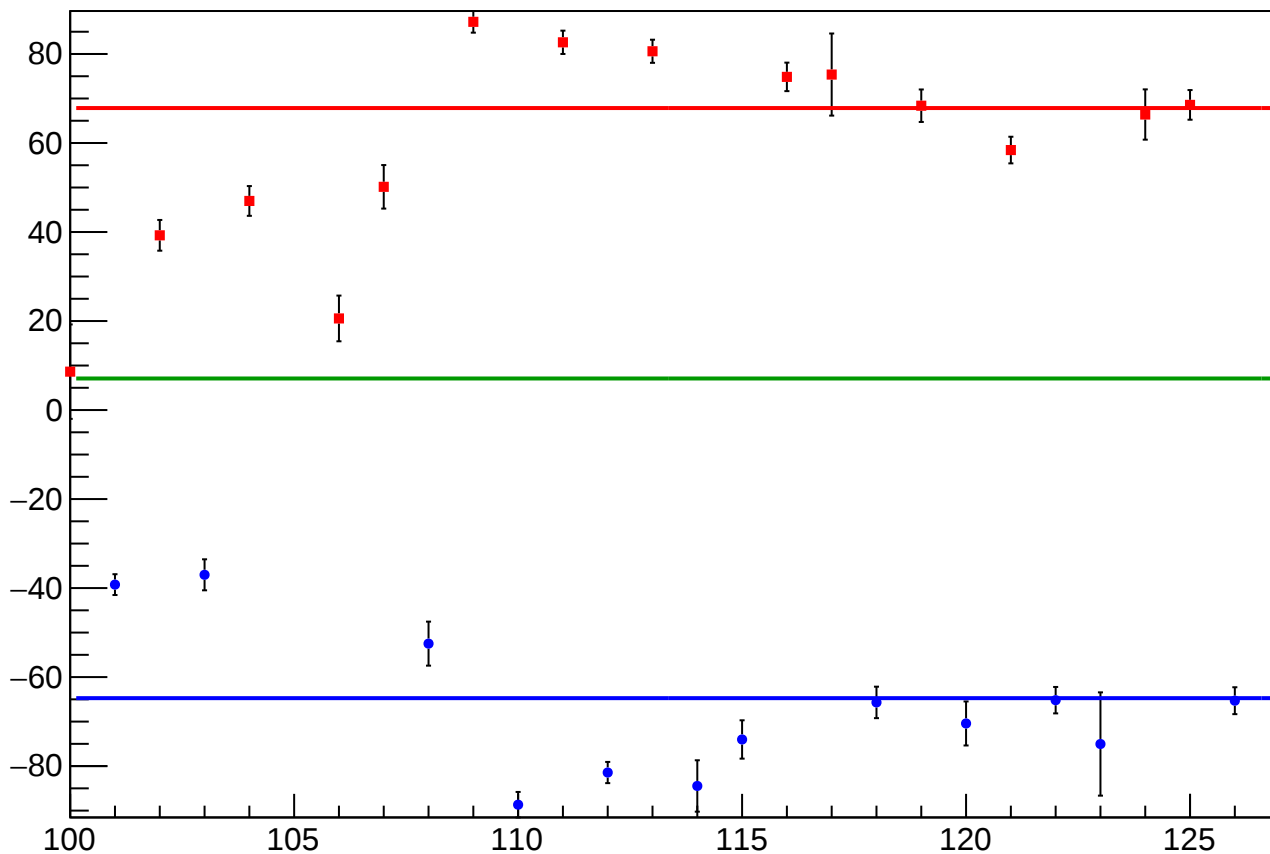
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.428+/-0.530 χ^2/NDF : 255.3/11

0.947+/-0.373 χ^2/NDF : 663.4/26

5.251+/-0.525 χ^2/NDF : 272.7/14

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.733+/-0.981 χ^2/NDF : 325.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.854+/-0.902 χ^2/NDF : 372.1/14

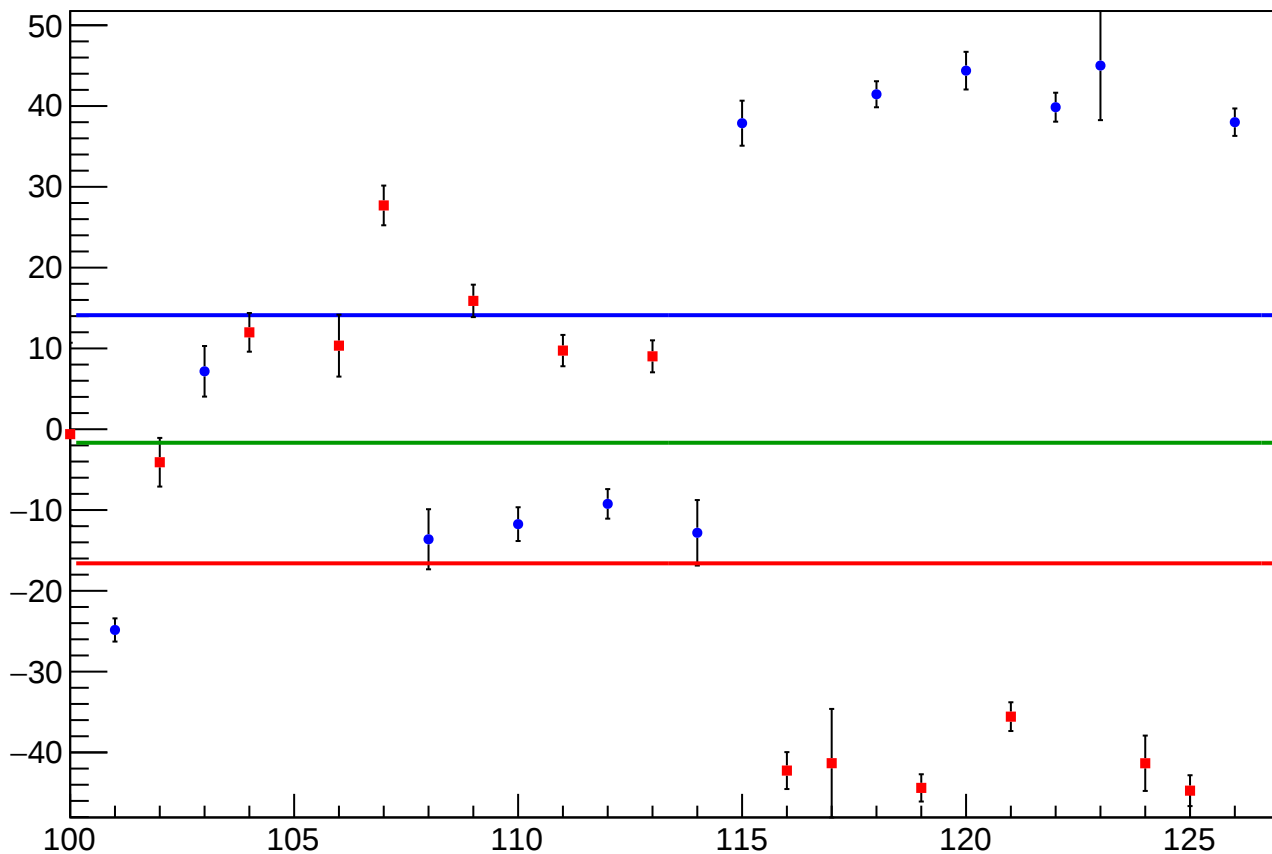
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.733+/-0.981 χ^2/NDF : 325.9/11

7.091+/-0.664 χ^2/NDF : 10593.8/26

67.854+/-0.902 χ^2/NDF : 372.1/14

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.114+/-0.617 χ^2/NDF : 2110.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.598+/-0.600 χ^2/NDF : 2104.6/14

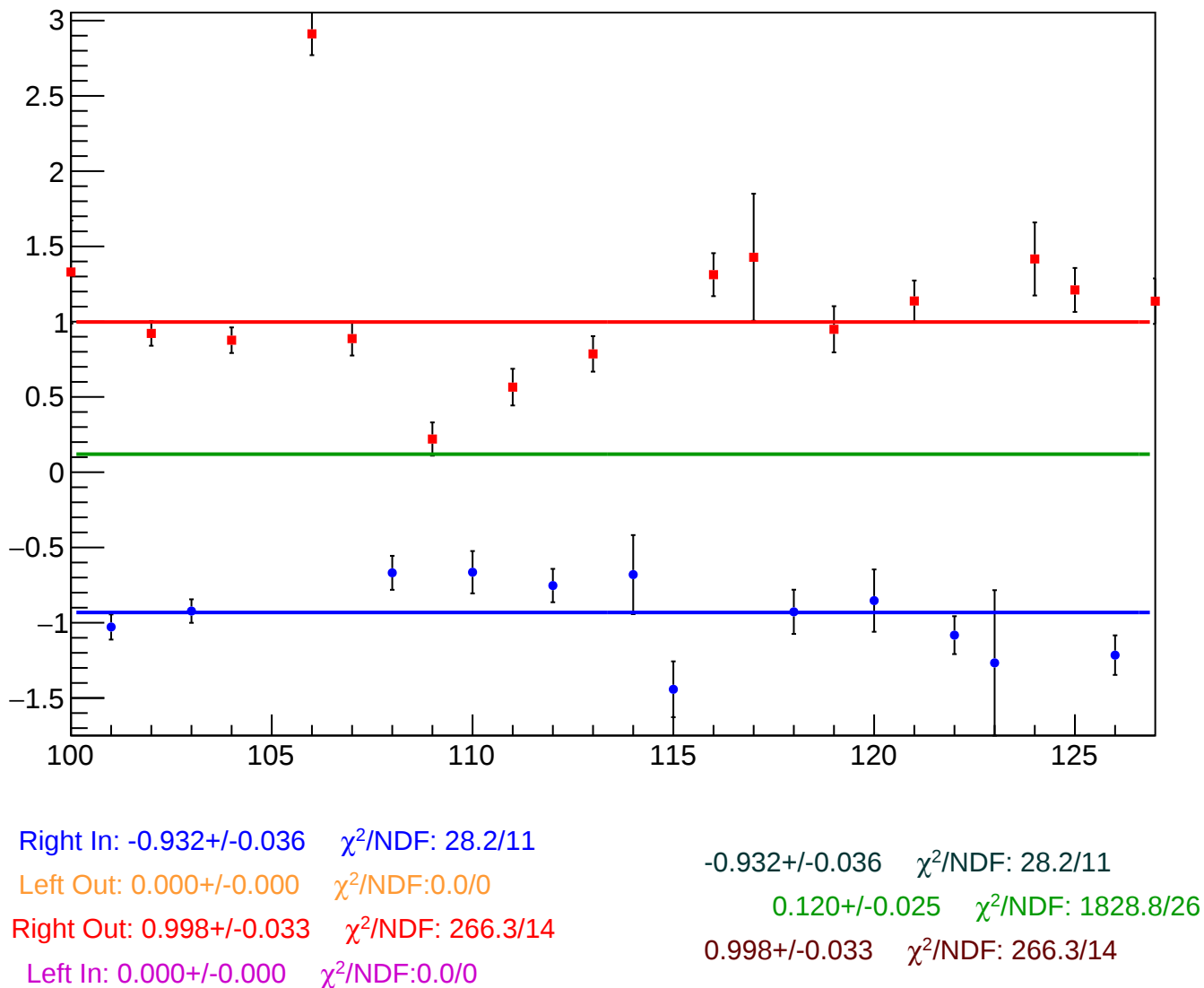
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.114+/-0.617 χ^2/NDF : 2110.9/11

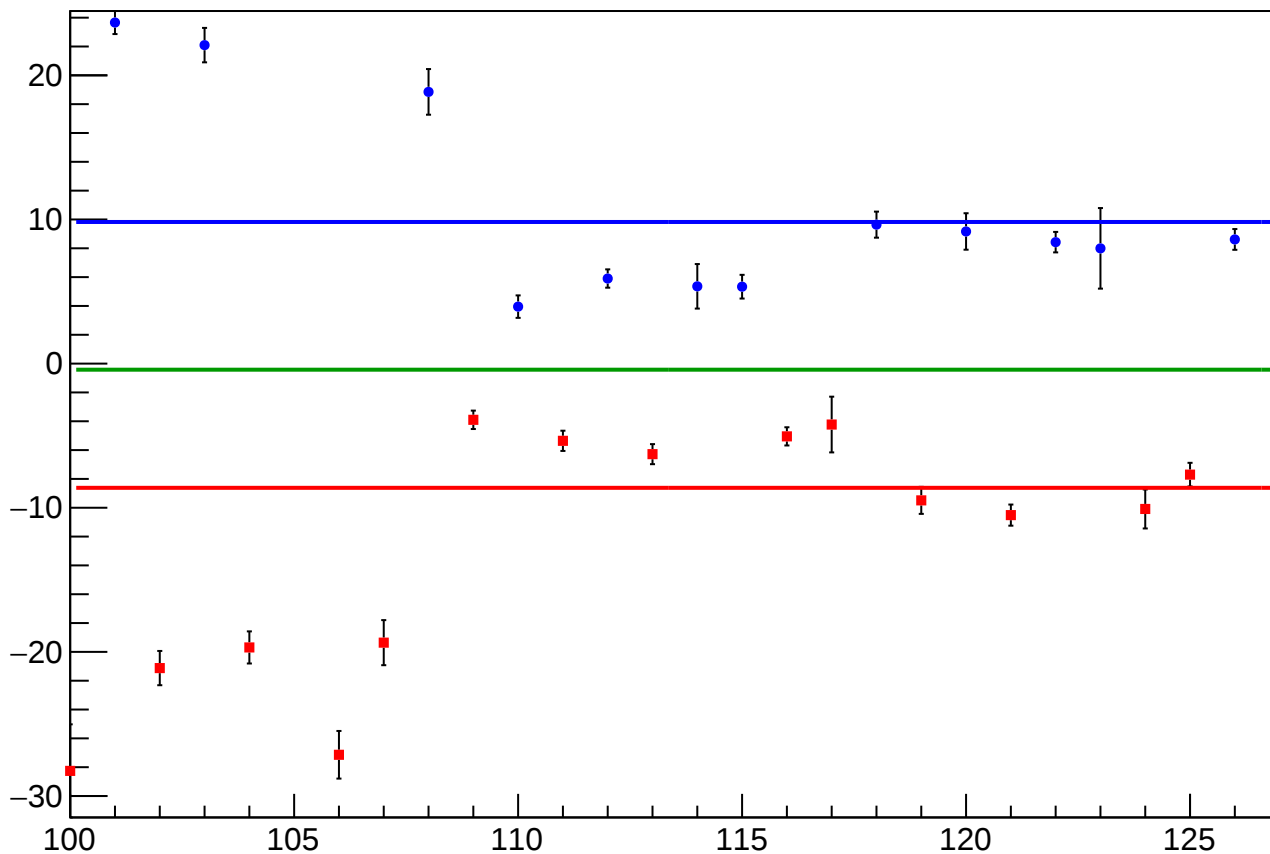
-1.674+/-0.430 χ^2/NDF : 5488.8/26

-16.598+/-0.600 χ^2/NDF : 2104.6/14

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.826+/-0.262 χ^2/NDF : 578.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.618+/-0.234 χ^2/NDF : 555.7/14

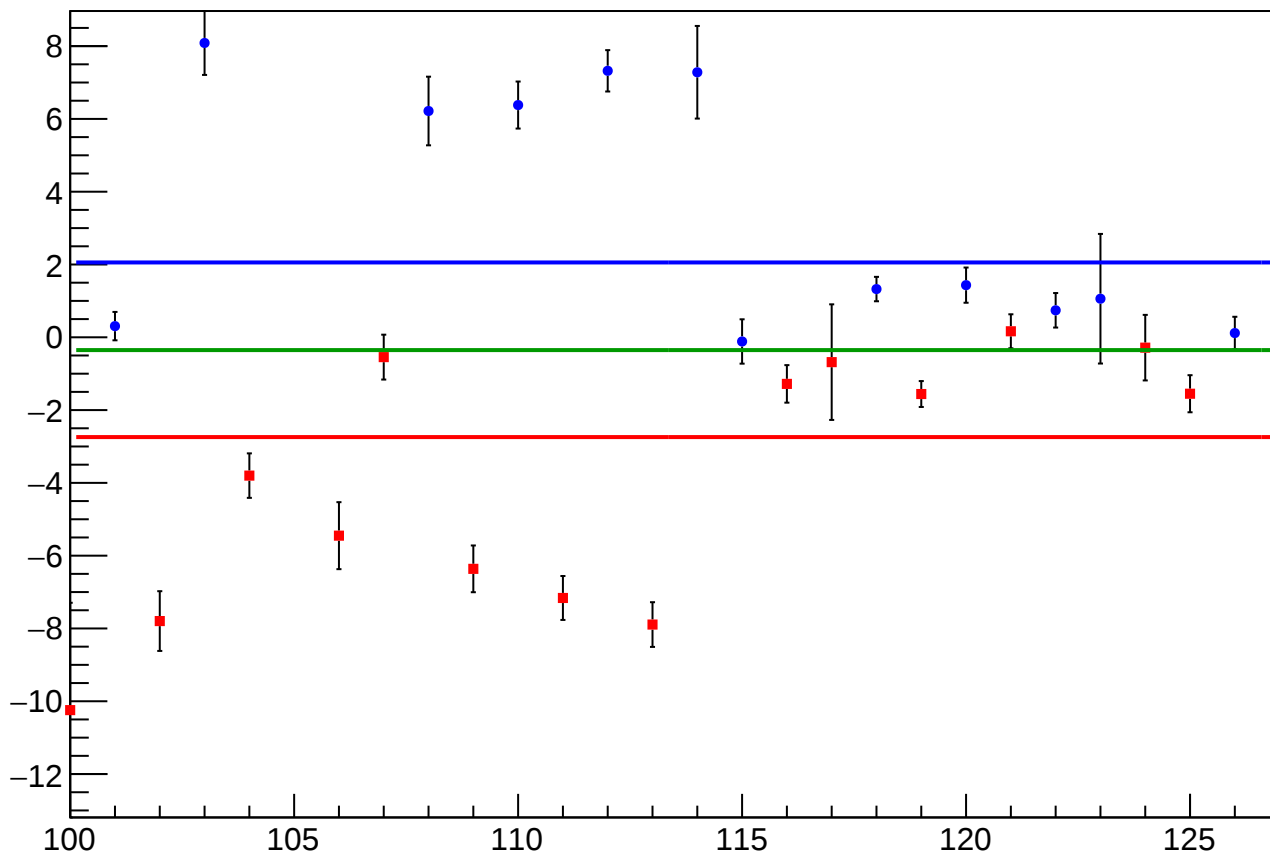
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.826+/-0.262 χ^2/NDF : 578.0/11

-0.422+/-0.175 χ^2/NDF : 3886.1/26

-8.618+/-0.234 χ^2/NDF : 555.7/14

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.056+/-0.157 χ^2/NDF : 280.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.742+/-0.156 χ^2/NDF : 309.8/14

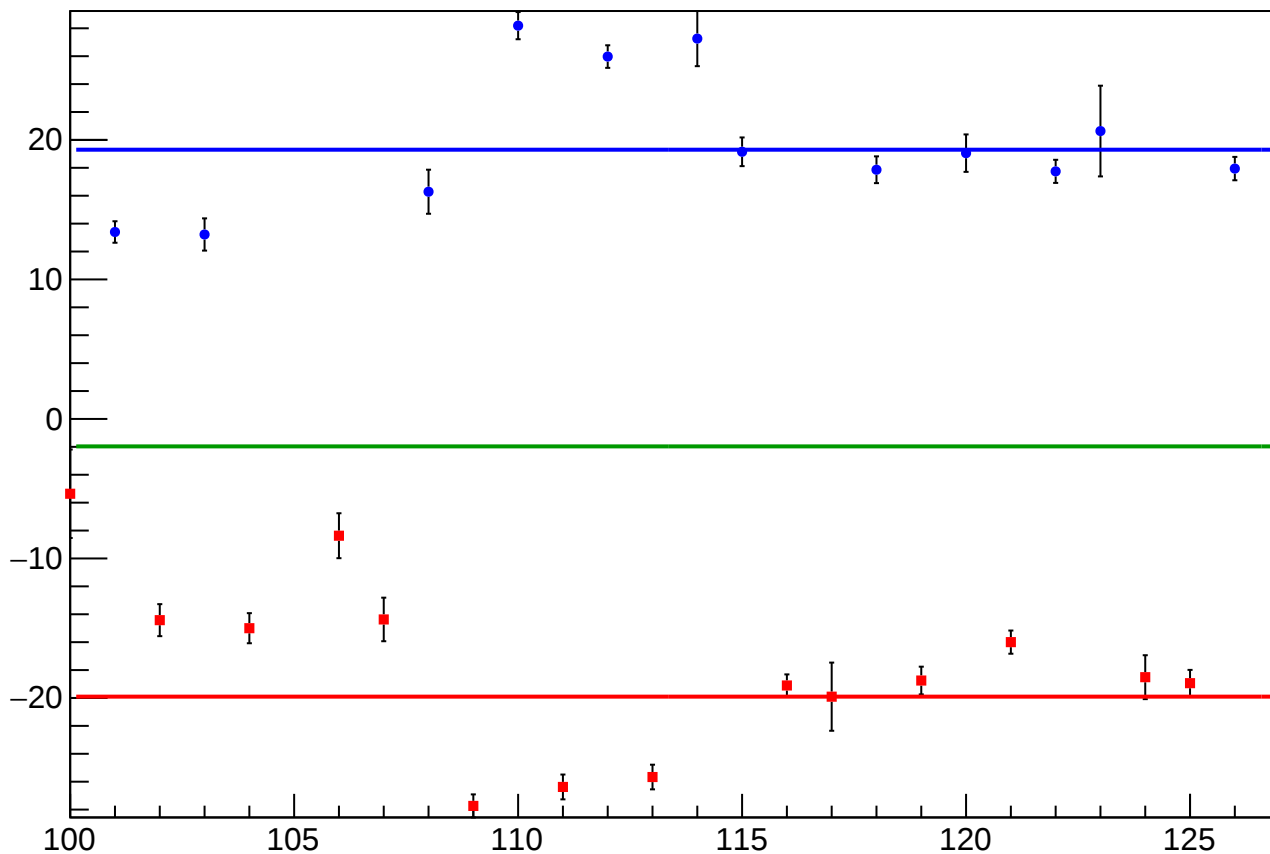
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.056+/-0.157 χ^2/NDF : 280.2/11

-0.352+/-0.111 χ^2/NDF : 1060.7/26

-2.742+/-0.156 χ^2/NDF : 309.8/14

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.298 $\pm$ 0.298 χ^2 /NDF: 266.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.904 $\pm$ 0.274 χ^2 /NDF: 340.5/14

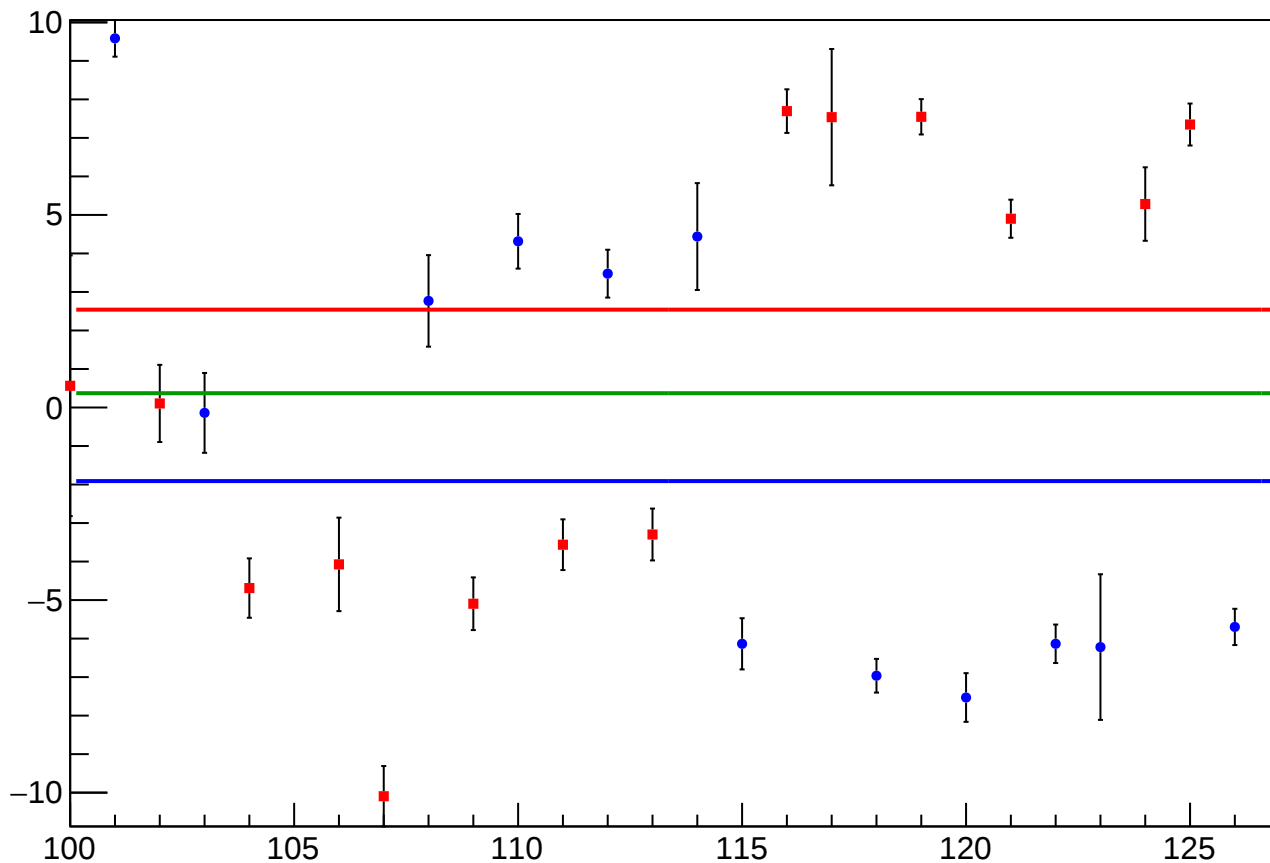
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

19.298 $\pm$ 0.298 χ^2 /NDF: 266.2/11

-1.967 $\pm$ 0.202 χ^2 /NDF: 9975.6/26

-19.904 $\pm$ 0.274 χ^2 /NDF: 340.5/14

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.911 $\pm$ 0.183 χ^2 /NDF: 1168.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.541 $\pm$ 0.178 χ^2 /NDF: 1041.4/14

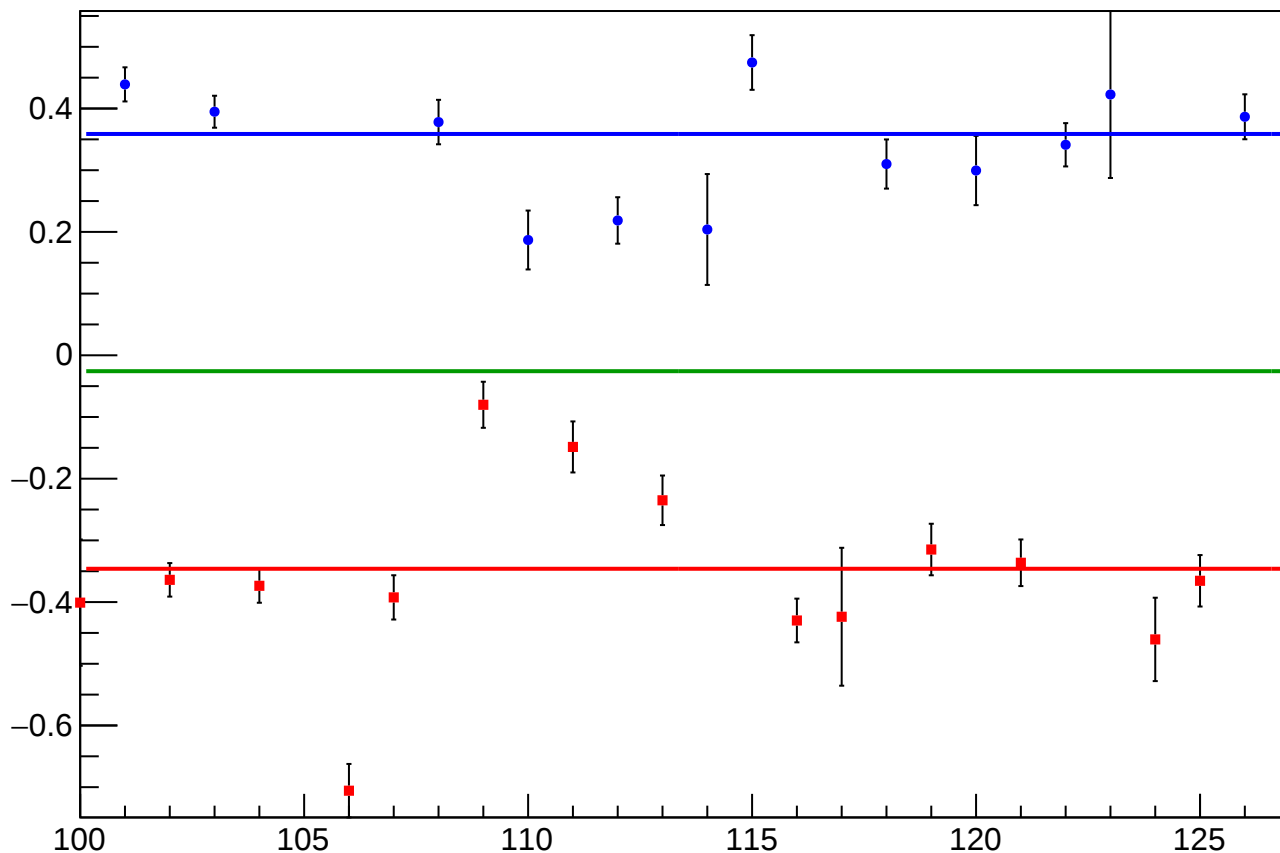
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-1.911 $\pm$ 0.183 χ^2 /NDF: 1168.6/11

0.371 $\pm$ 0.128 χ^2 /NDF: 2514.0/26

2.541 $\pm$ 0.178 χ^2 /NDF: 1041.4/14

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.359+/-0.011 χ^2/NDF : 51.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.346+/-0.010 χ^2/NDF : 163.1/14

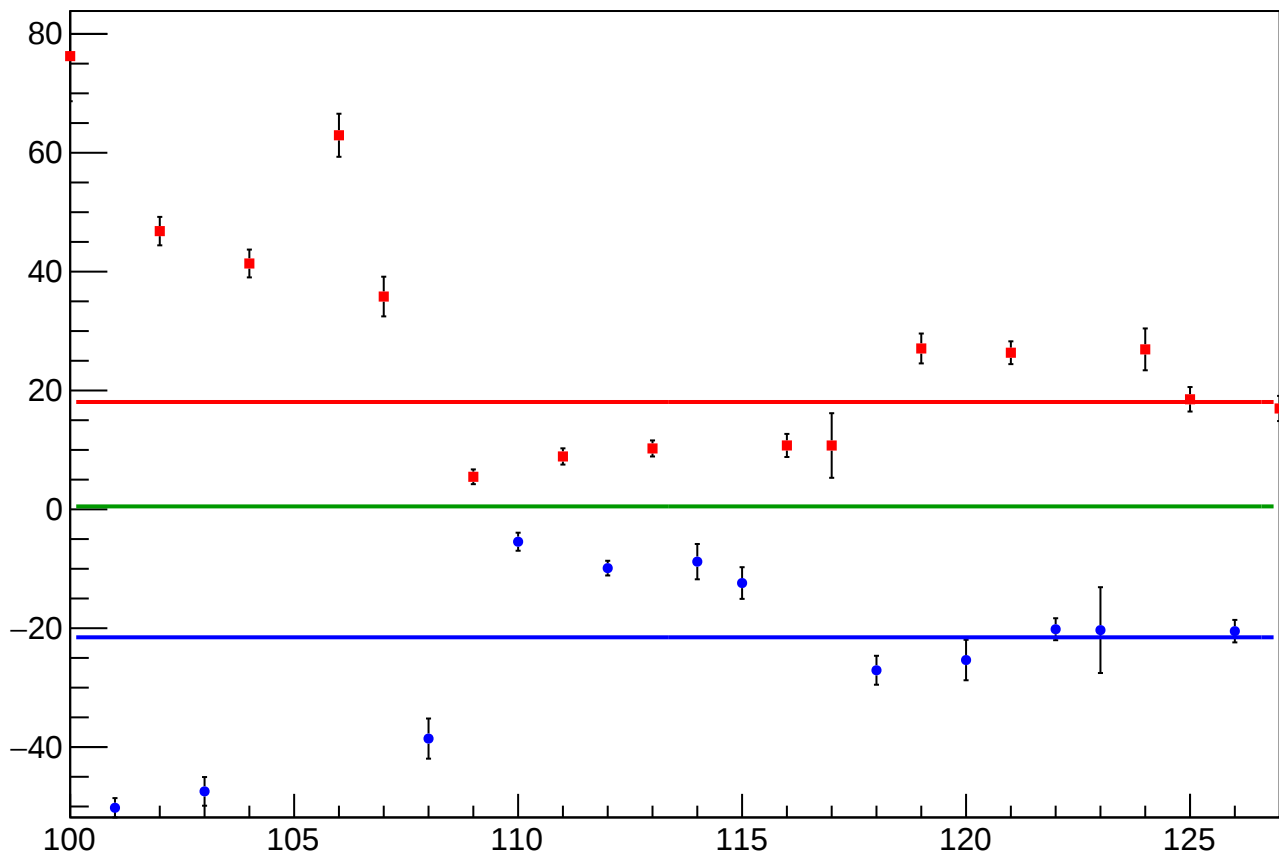
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.359+/-0.011 χ^2/NDF : 51.0/11

-0.026+/-0.008 χ^2/NDF : 2358.4/26

-0.346+/-0.010 χ^2/NDF : 163.1/14

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.530 $\pm$ 0.595 χ^2 /NDF: 689.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.065 $\pm$ 0.531 χ^2 /NDF: 719.3/14

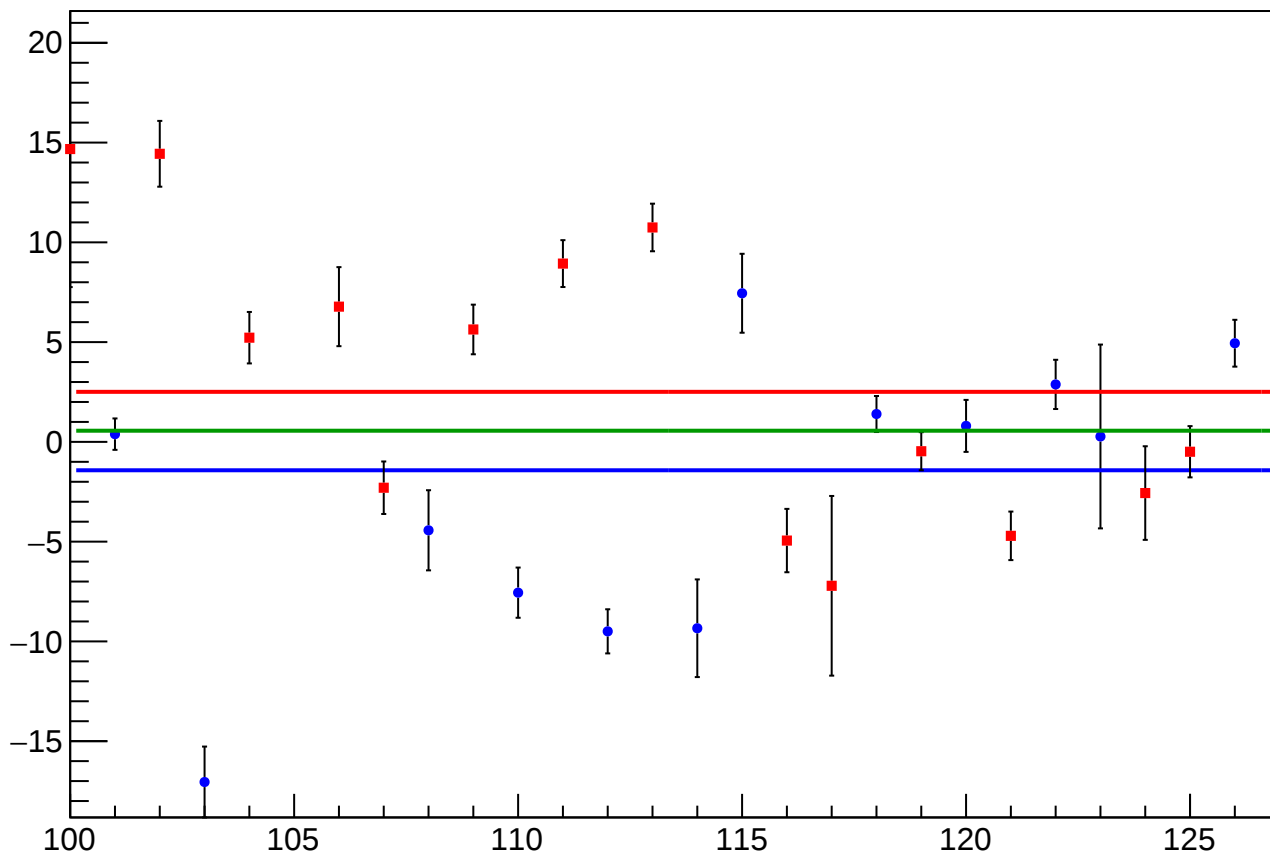
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-21.530 $\pm$ 0.595 χ^2 /NDF: 689.5/11

0.496 $\pm$ 0.396 χ^2 /NDF: 3872.4/26

18.065 $\pm$ 0.531 χ^2 /NDF: 719.3/14

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.423+/-0.370 χ^2/NDF : 247.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.508+/-0.367 χ^2/NDF : 257.9/14

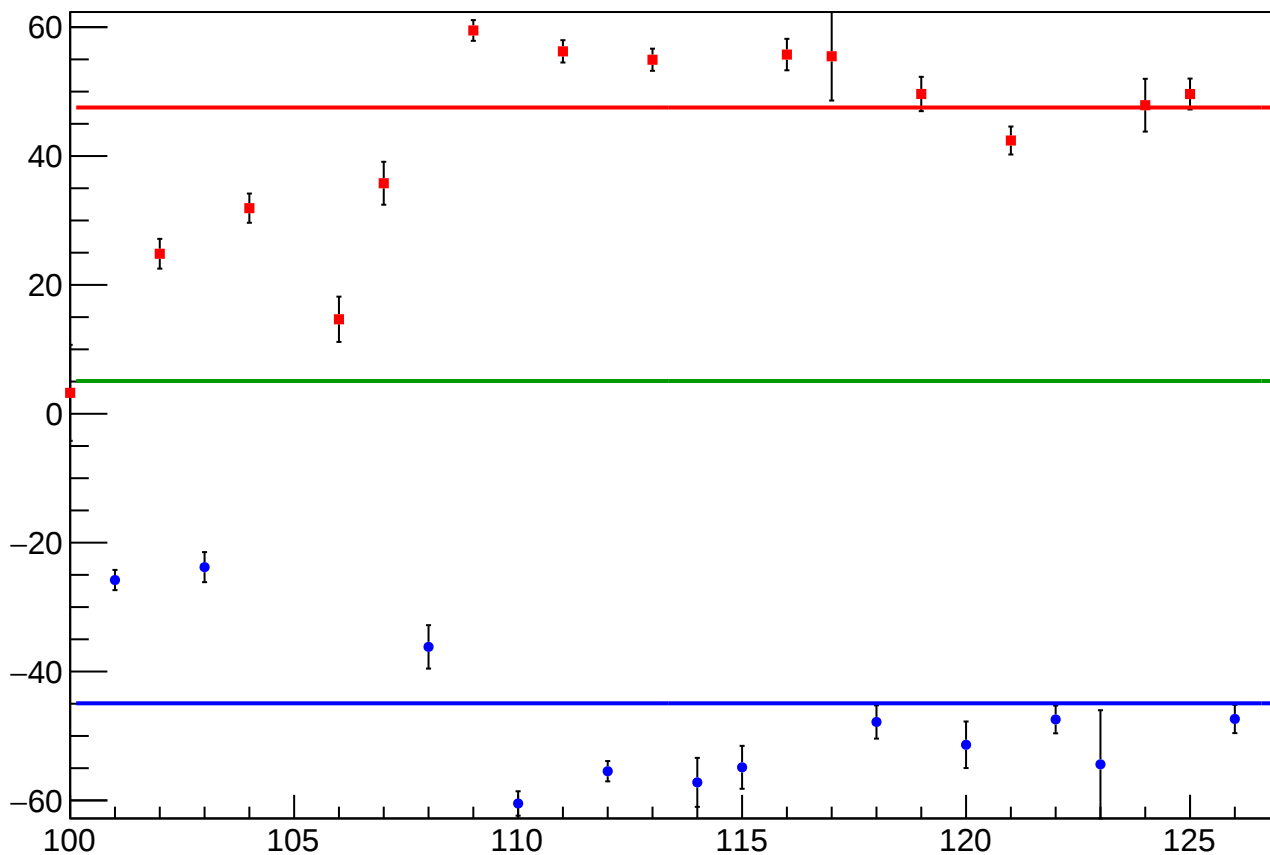
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.423+/-0.370 χ^2/NDF : 247.0/11

0.559+/-0.261 χ^2/NDF : 561.8/26

2.508+/-0.367 χ^2/NDF : 257.9/14

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.932 $\pm$ 0.677 χ^2 /NDF: 377.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.533 $\pm$ 0.624 χ^2 /NDF: 400.6/14

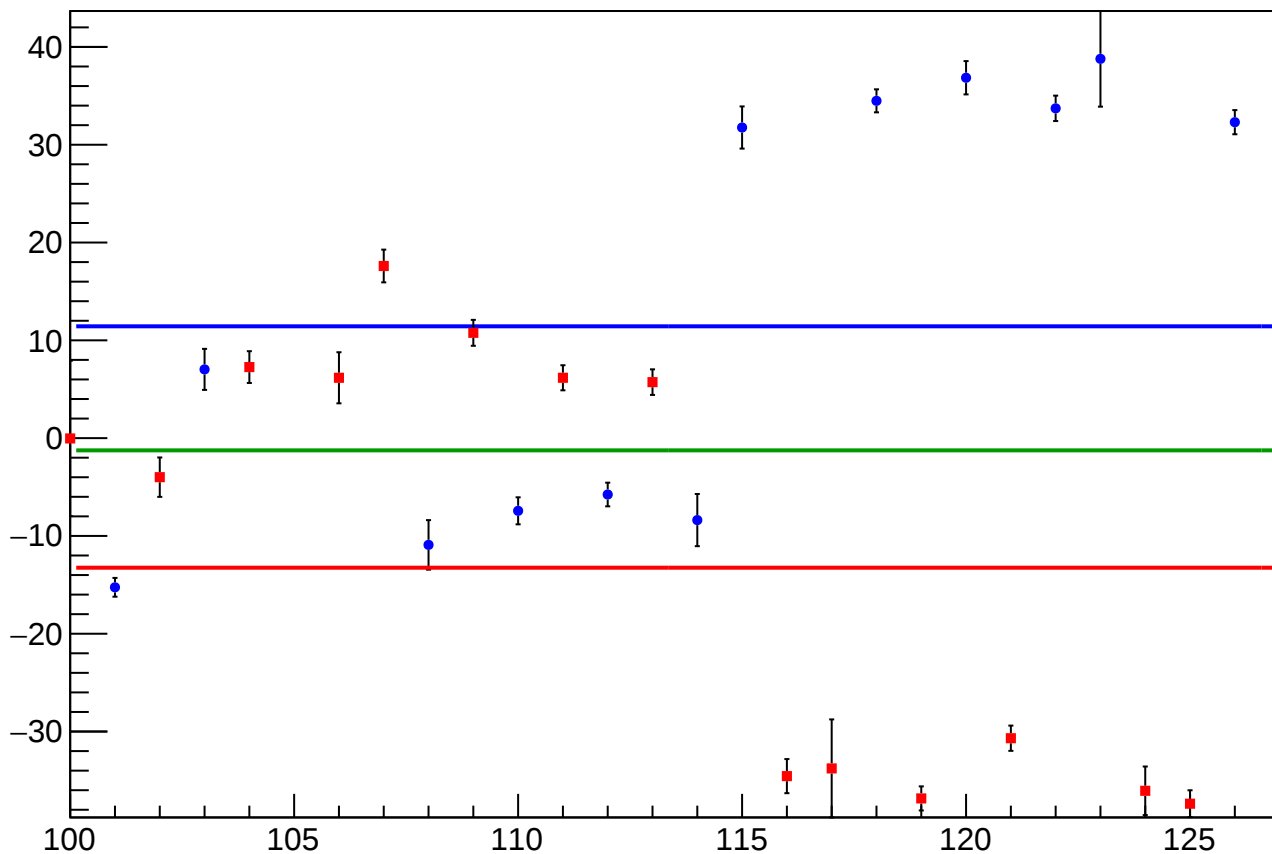
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.932 $\pm$ 0.677 χ^2 /NDF: 377.1/11

5.088 $\pm$ 0.459 χ^2 /NDF: 10870.3/26

47.533 $\pm$ 0.624 χ^2 /NDF: 400.6/14

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.433+/-0.431 χ^2/NDF : 2603.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.249+/-0.419 χ^2/NDF : 2687.8/14

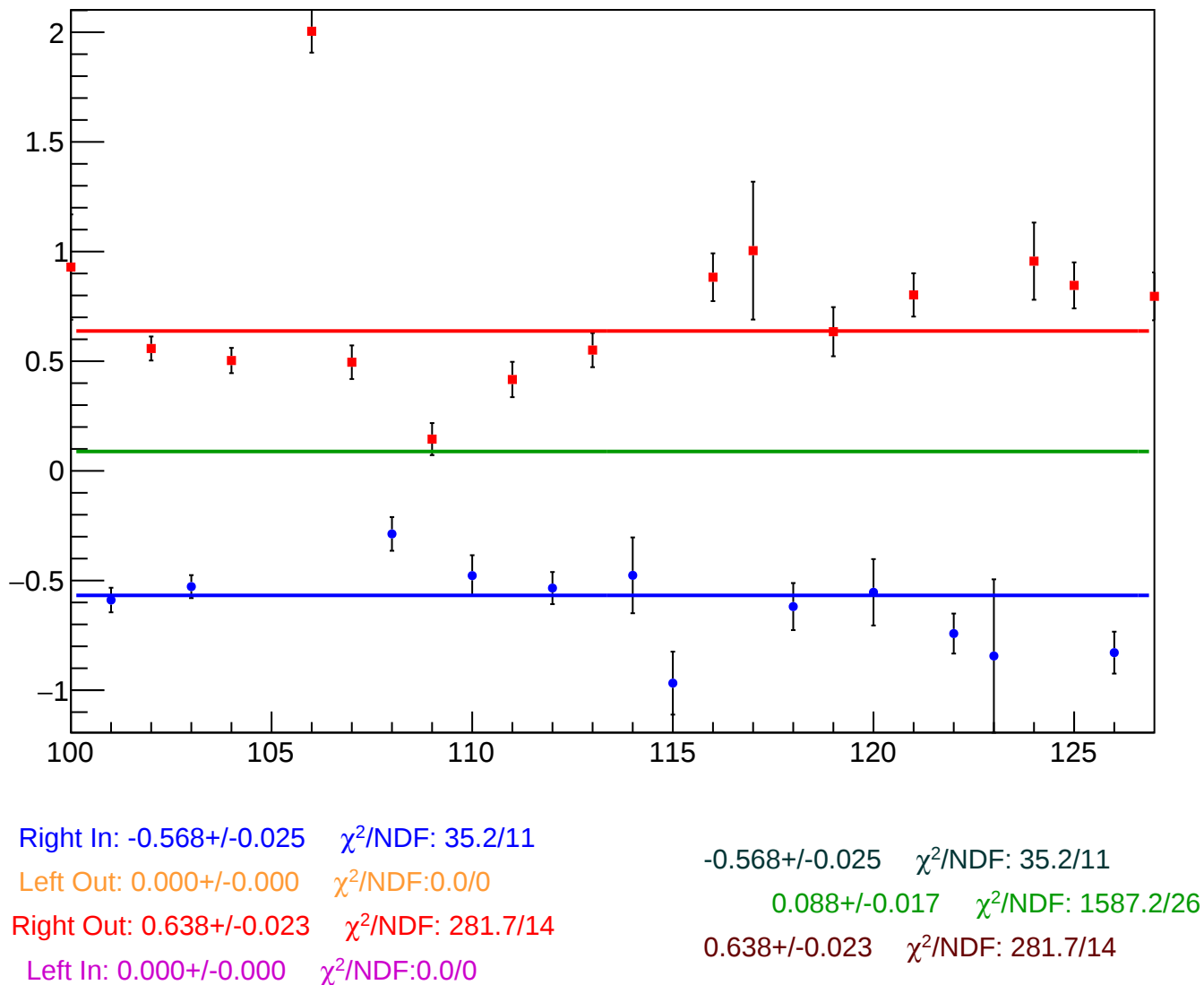
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.433+/-0.431 χ^2/NDF : 2603.3/11

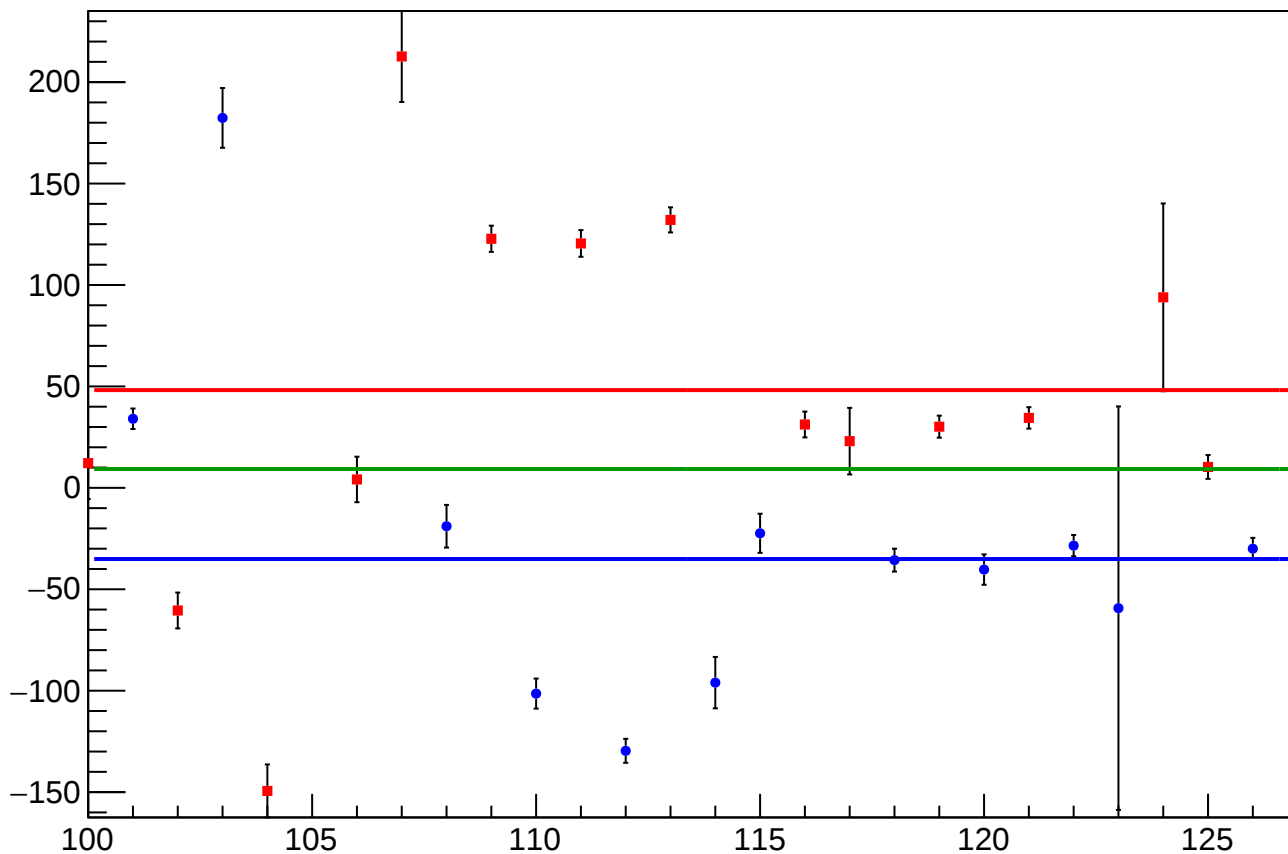
-1.251+/-0.300 χ^2/NDF : 6976.8/26

-13.249+/-0.419 χ^2/NDF : 2687.8/14

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -35.088 ± 2.054 χ^2/NDF : 771.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 48.184 ± 1.924 χ^2/NDF : 962.6/14

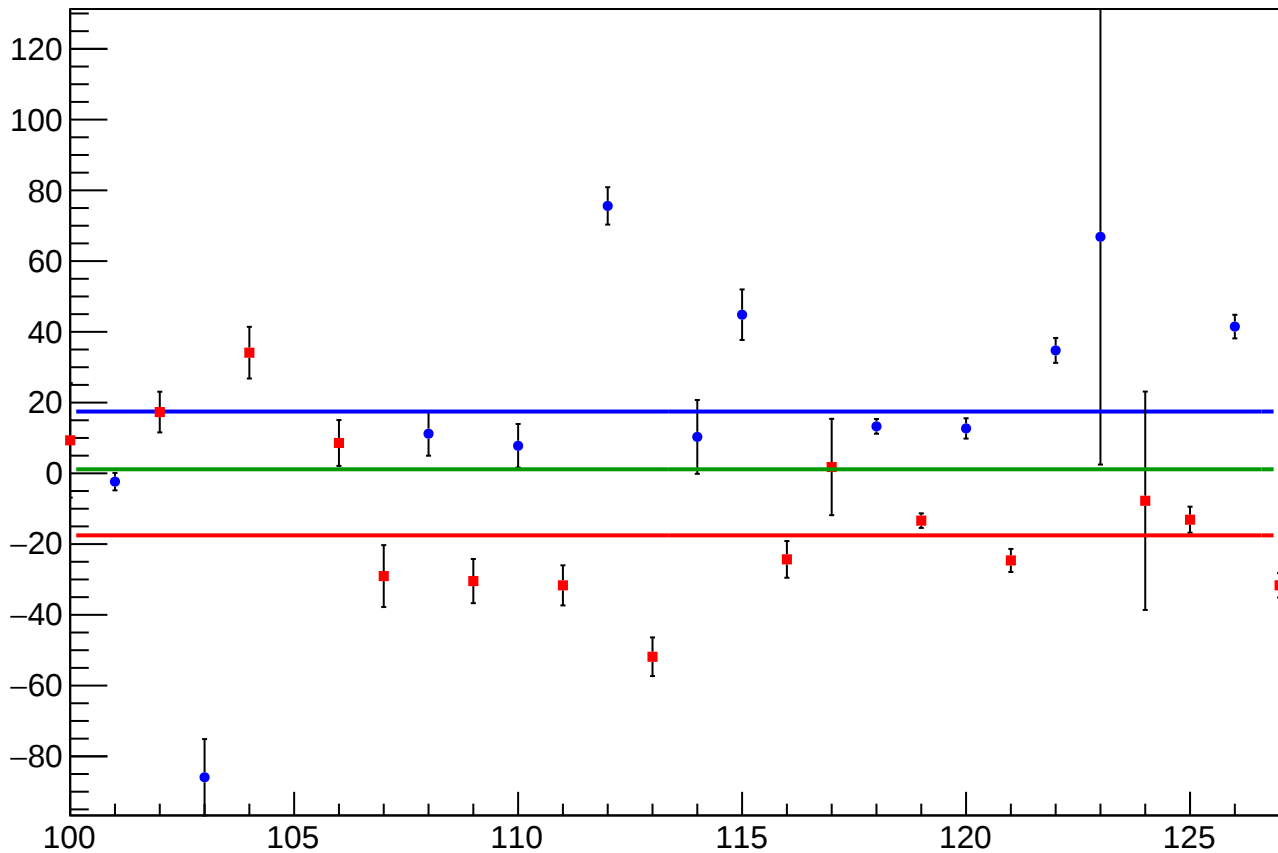
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-35.088 ± 2.054 χ^2/NDF : 771.8/11

9.278 ± 1.404 χ^2/NDF : 2609.8/26

48.184 ± 1.924 χ^2/NDF : 962.6/14

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.472+/-1.110 χ^2 /NDF: 379.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -17.534+/-1.187 χ^2 /NDF: 187.9/14

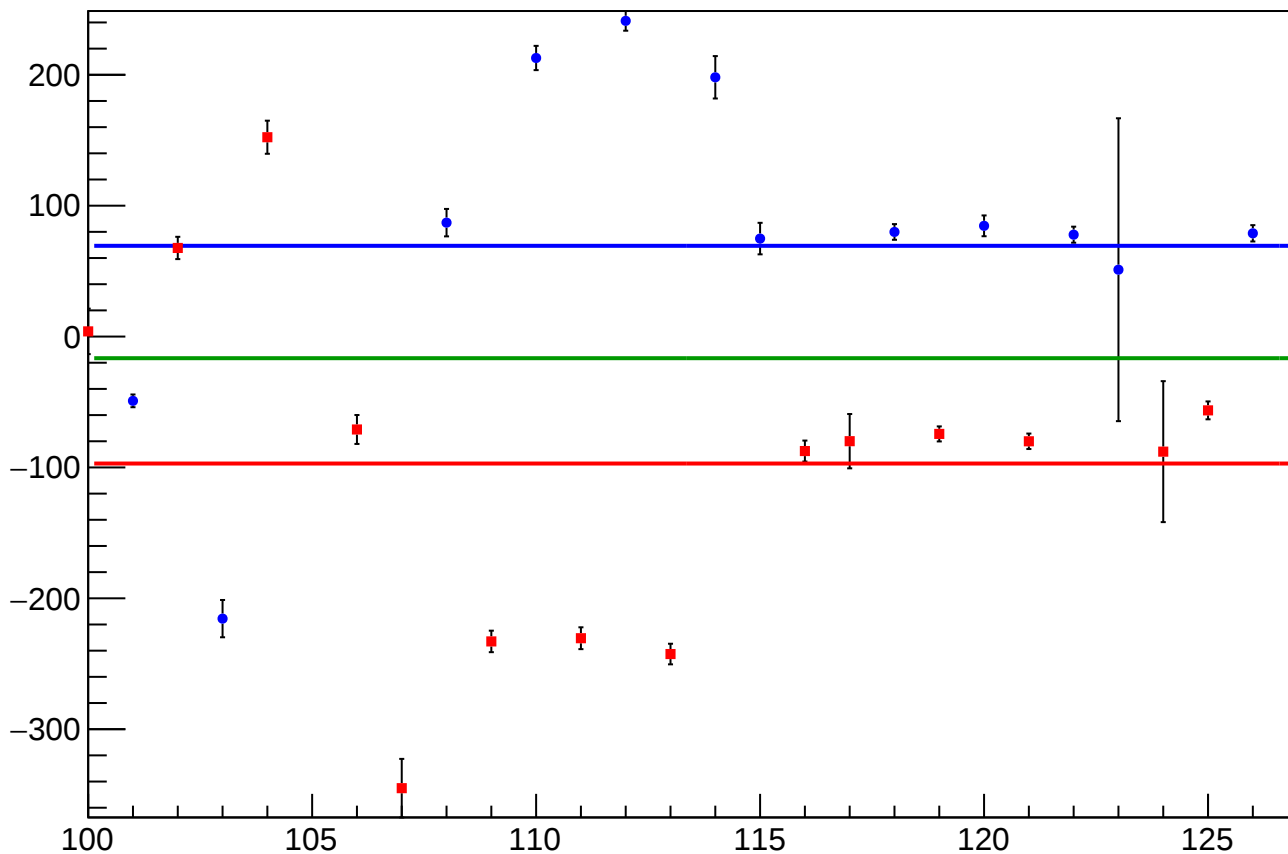
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.472+/-1.110 χ^2 /NDF: 379.4/11

1.144+/-0.810 χ^2 /NDF: 1031.6/26

-17.534+/-1.187 χ^2 /NDF: 187.9/14

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.336+/-2.280 χ^2/NDF : 1831.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.014+/-2.207 χ^2/NDF : 1858.7/14

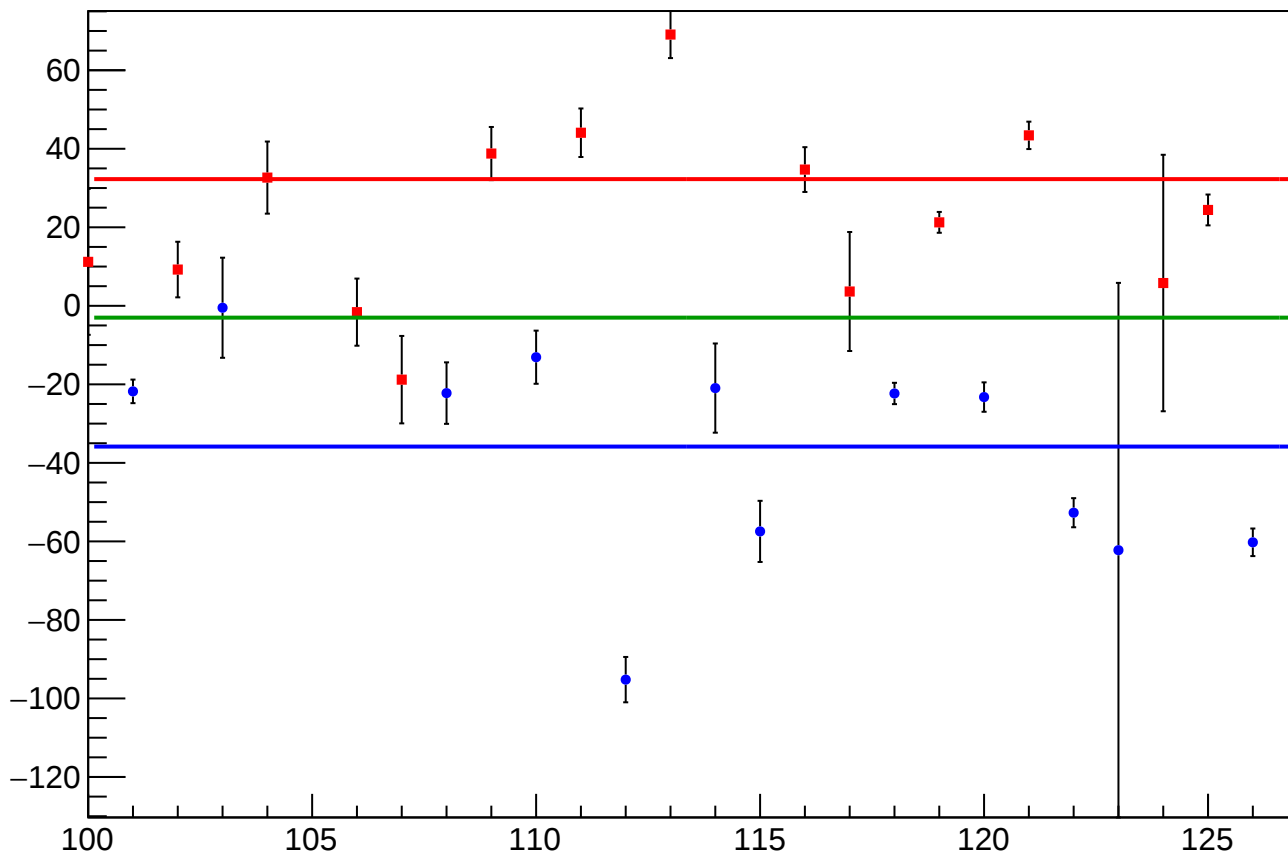
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.336+/-2.280 χ^2/NDF : 1831.3/11

-16.530+/-1.586 χ^2/NDF : 6437.8/26

-97.014+/-2.207 χ^2/NDF : 1858.7/14

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.849 ± 1.324 χ^2/NDF : 264.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.270 ± 1.372 χ^2/NDF : 144.5/14

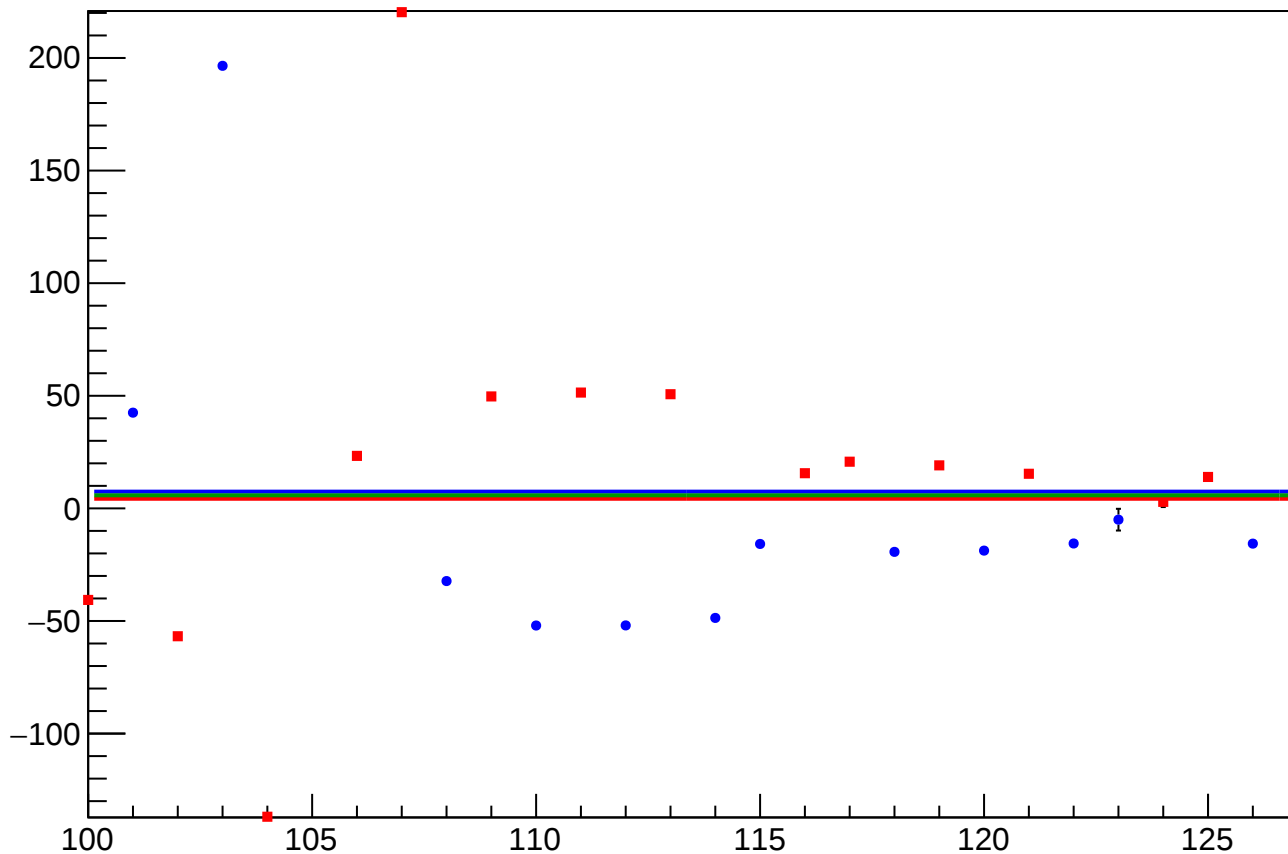
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-35.849 ± 1.324 χ^2/NDF : 264.2/11

-3.010 ± 0.953 χ^2/NDF : 1684.8/26

32.270 ± 1.372 χ^2/NDF : 144.5/14

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.434+/-0.087 χ^2/NDF : 505228.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.273+/-0.084 χ^2/NDF : 528570.1/14

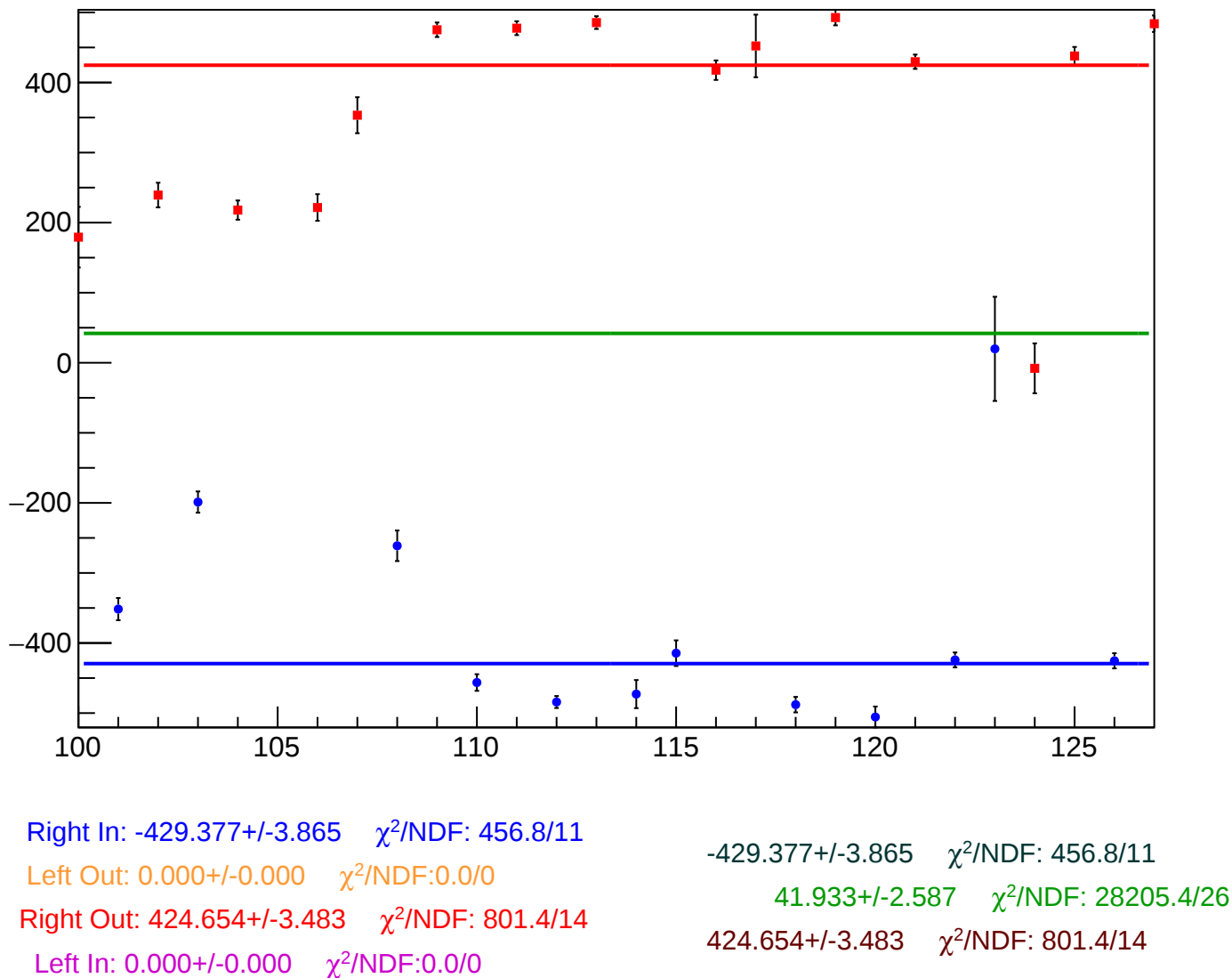
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.434+/-0.087 χ^2/NDF : 505228.6/11

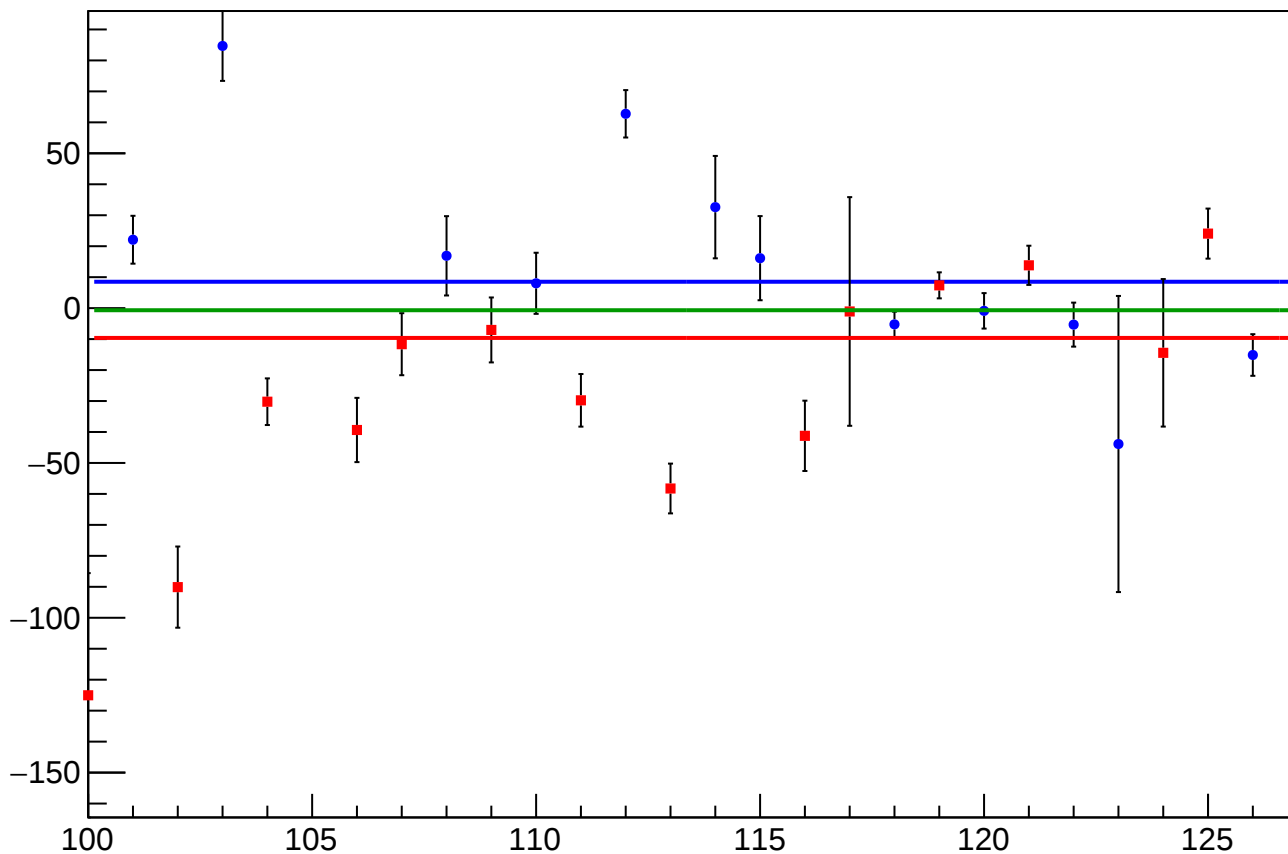
5.801+/-0.060 χ^2/NDF : 1034483.2/26

4.273+/-0.084 χ^2/NDF : 528570.1/14

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.520+/-2.239 χ^2/NDF : 133.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.623+/-2.208 χ^2/NDF : 169.1/14

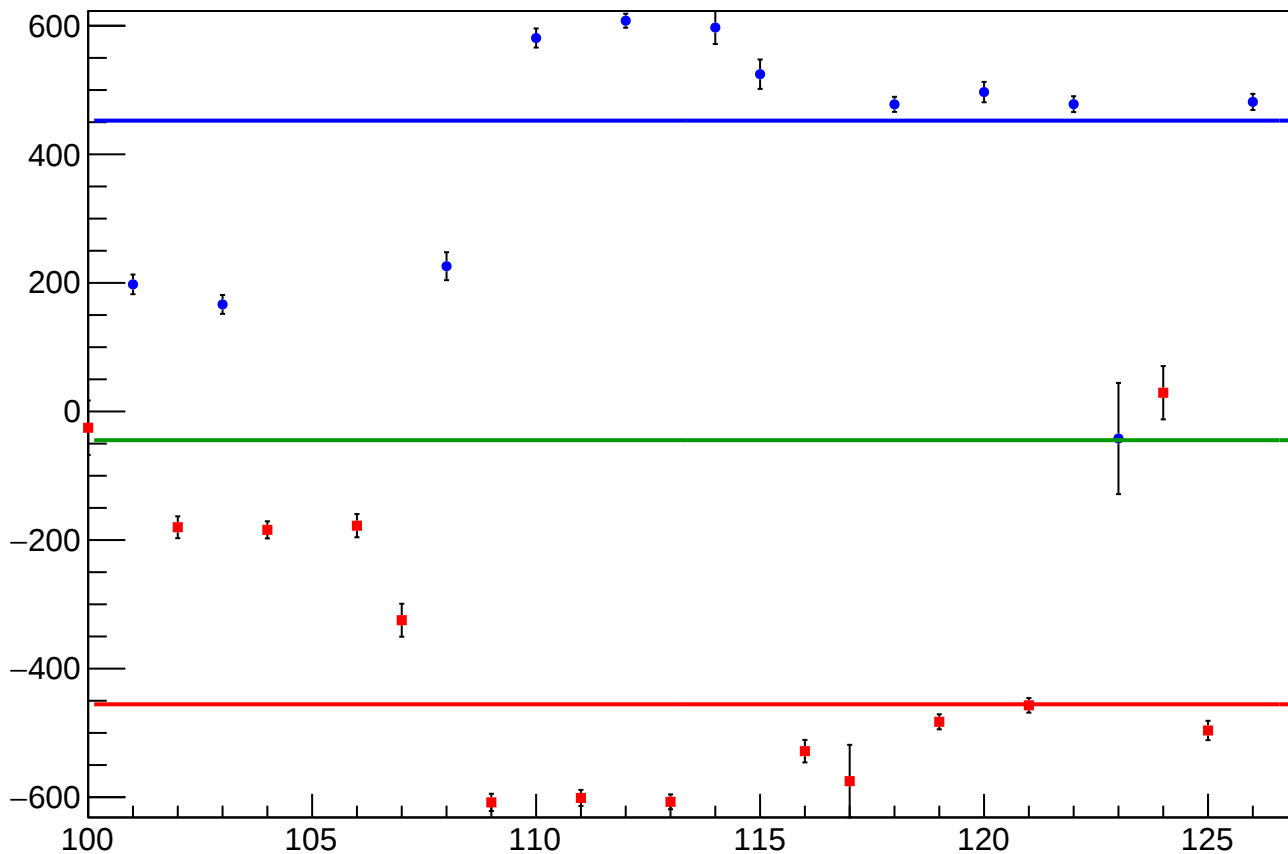
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.520+/-2.239 χ^2/NDF : 133.1/11

-0.678+/-1.572 χ^2/NDF : 335.5/26

-9.623+/-2.208 χ^2/NDF : 169.1/14

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 452.431+/-4.399 χ^2/NDF : 1140.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.481+/-3.999 χ^2/NDF : 1695.1/14

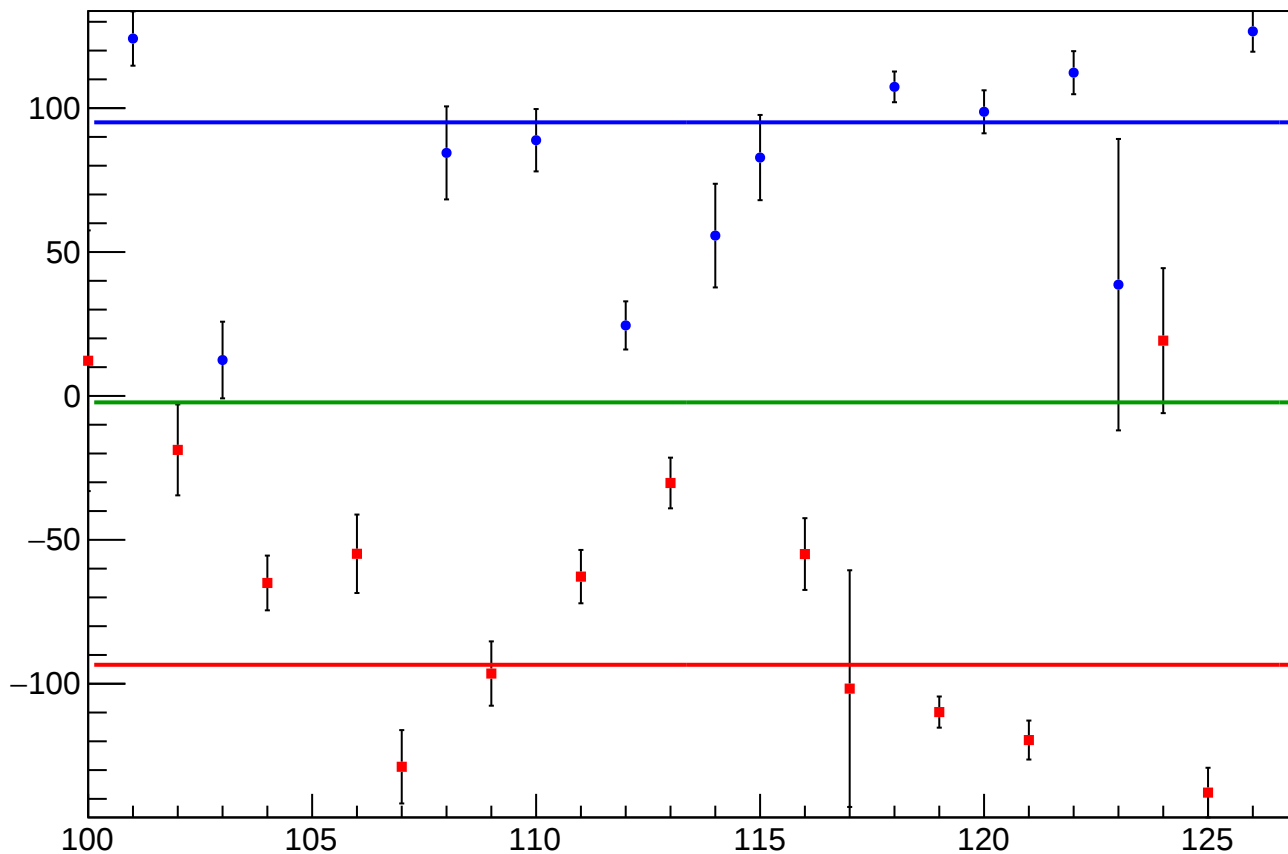
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

452.431+/-4.399 χ^2/NDF : 1140.3/11

-44.665+/-2.959 χ^2/NDF : 26160.7/26

-455.481+/-3.999 χ^2/NDF : 1695.1/14

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 95.063 $\pm$ 2.650 χ^2 /NDF: 157.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -93.409 $\pm$ 2.565 χ^2 /NDF: 212.0/14

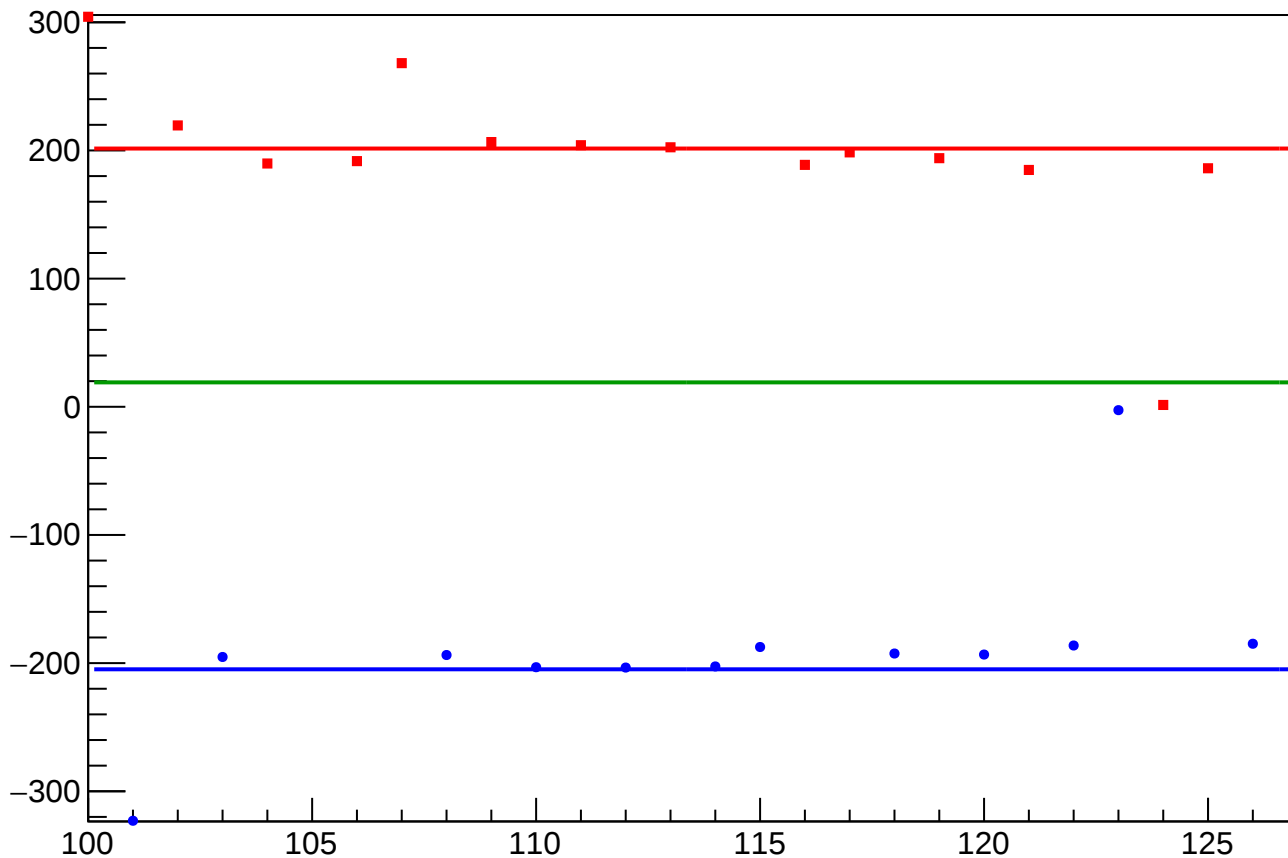
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

95.063 $\pm$ 2.650 χ^2 /NDF: 157.4/11

-2.238 $\pm$ 1.843 χ^2 /NDF: 2980.8/26

-93.409 $\pm$ 2.565 χ^2 /NDF: 212.0/14

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -204.828+/-0.163 χ^2 /NDF: 54399.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 201.491+/-0.147 χ^2 /NDF: 37396.2/14

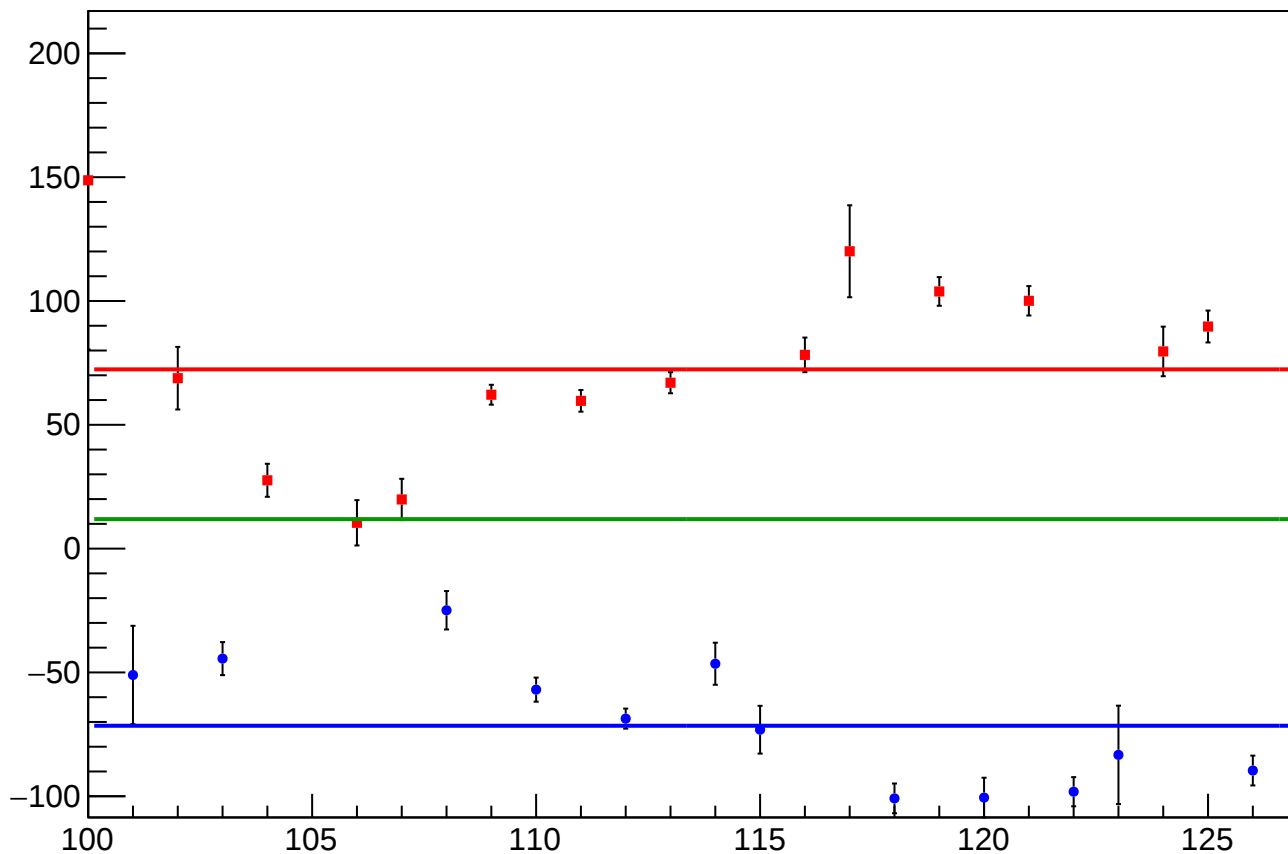
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-204.828+/-0.163 χ^2 /NDF: 54399.1/11

19.042+/-0.109 χ^2 /NDF: 3515678.2/26

201.491+/-0.147 χ^2 /NDF: 37396.2/14

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -71.533 $\pm$ 1.917 χ^2 /NDF: 138.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.390 $\pm$ 1.632 χ^2 /NDF: 291.9/14

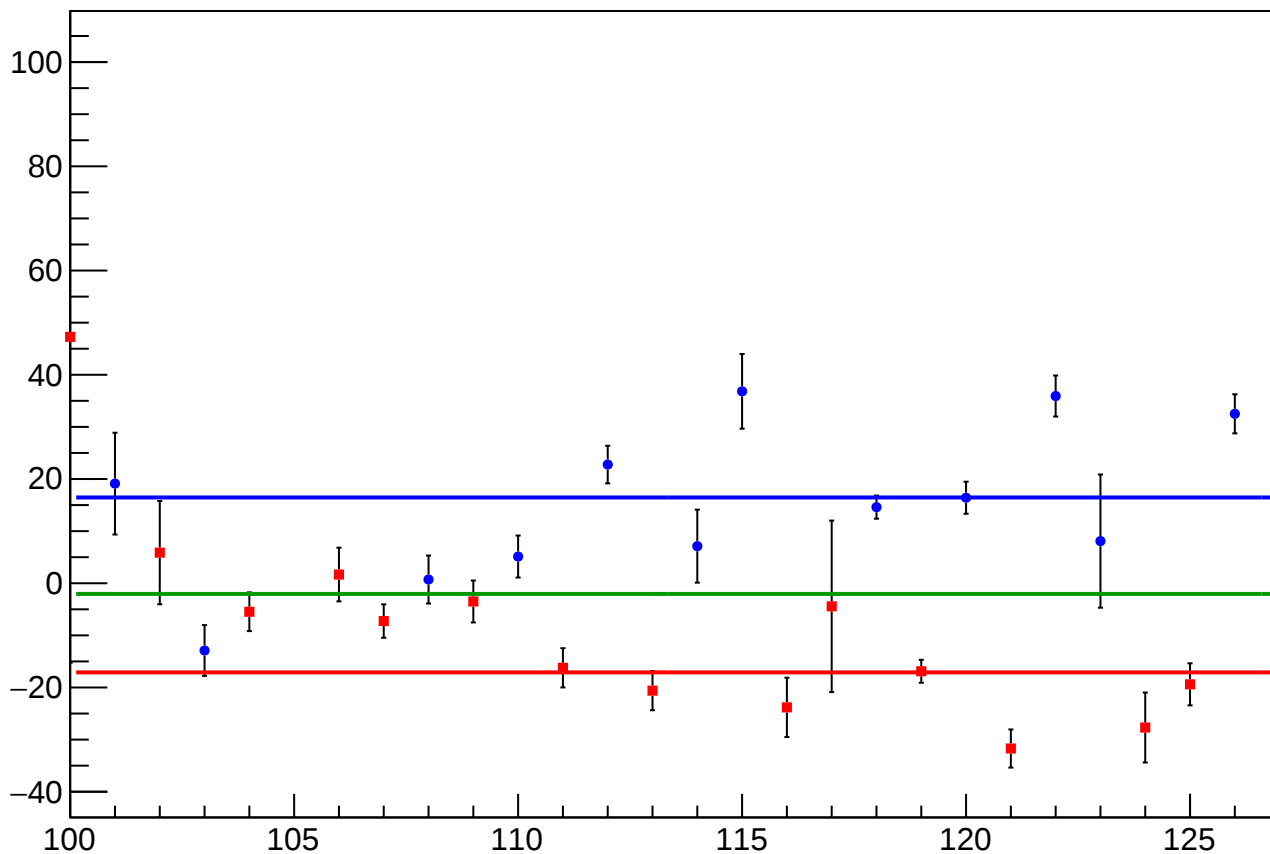
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-71.533 $\pm$ 1.917 χ^2 /NDF: 138.7/11

11.905 $\pm$ 1.243 χ^2 /NDF: 3697.4/26

72.390 $\pm$ 1.632 χ^2 /NDF: 291.9/14

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.459 $\pm$ 1.171 χ^2/NDF : 112.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -17.101 $\pm$ 1.056 χ^2/NDF : 116.4/14

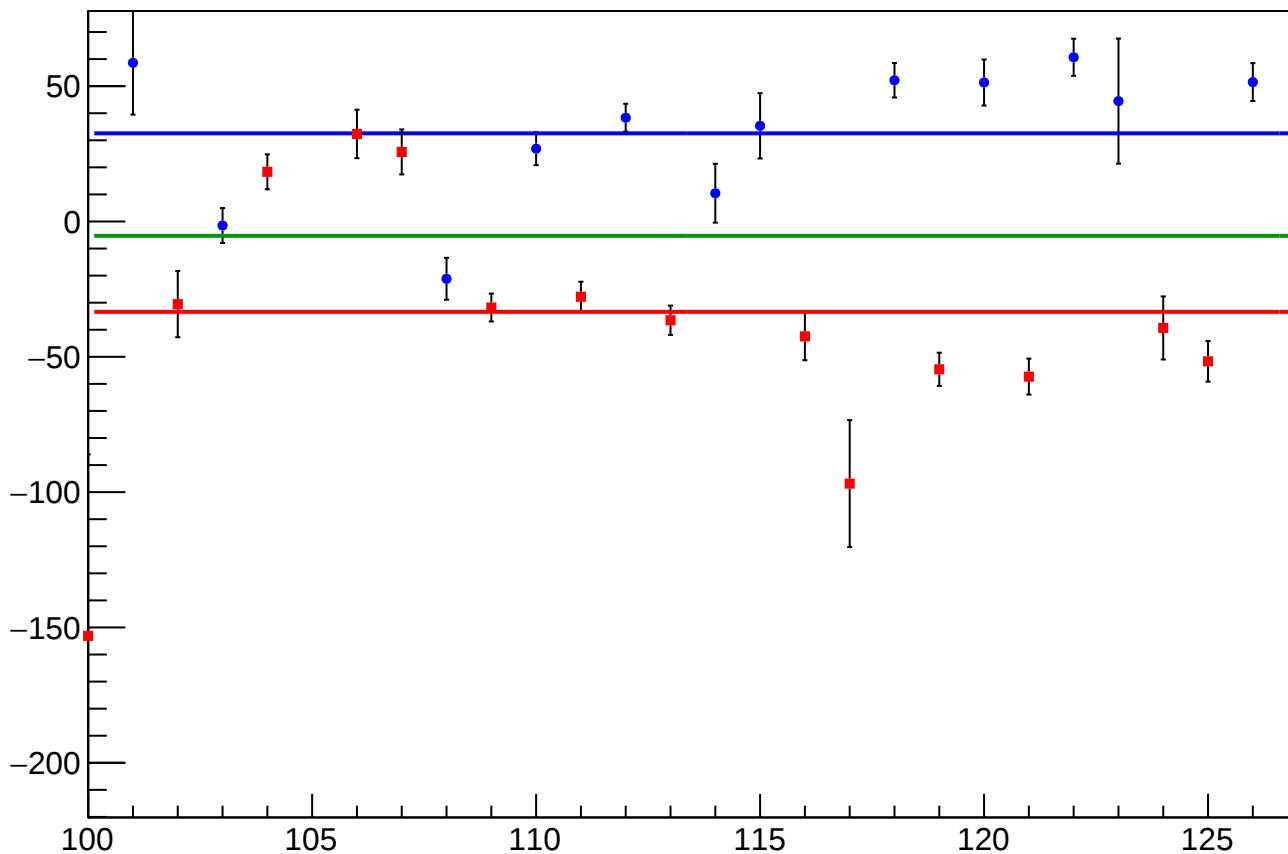
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

16.459 $\pm$ 1.171 χ^2/NDF : 112.7/11

-2.045 $\pm$ 0.784 χ^2/NDF : 681.8/26

-17.101 $\pm$ 1.056 χ^2/NDF : 116.4/14

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.569 ± 2.206 χ^2/NDF : 122.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.386 ± 1.900 χ^2/NDF : 282.3/14

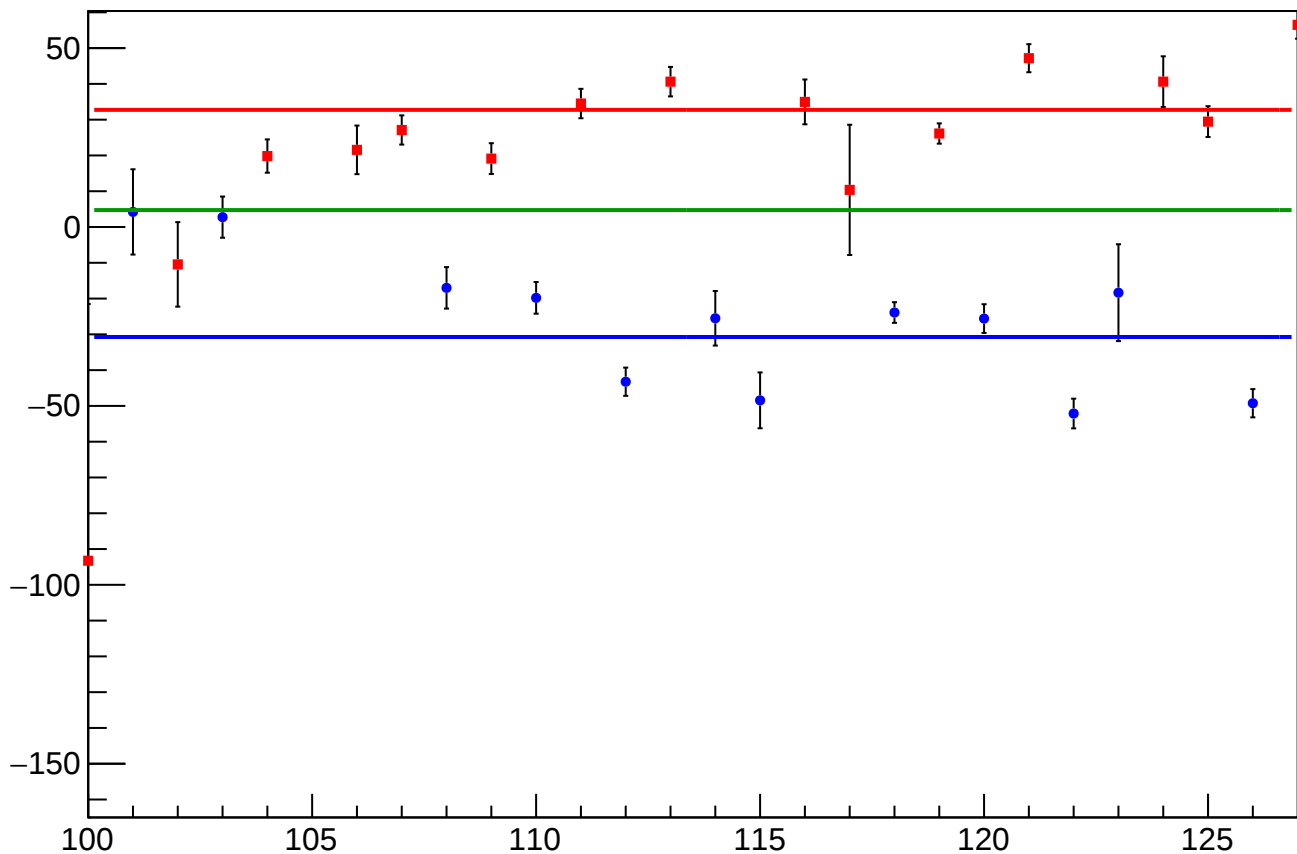
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

32.569 ± 2.206 χ^2/NDF : 122.9/11

-5.295 ± 1.439 χ^2/NDF : 918.5/26

-33.386 ± 1.900 χ^2/NDF : 282.3/14

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.742 $\pm$ 1.379 χ^2/NDF : 126.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 32.744 $\pm$ 1.225 χ^2/NDF : 102.8/14

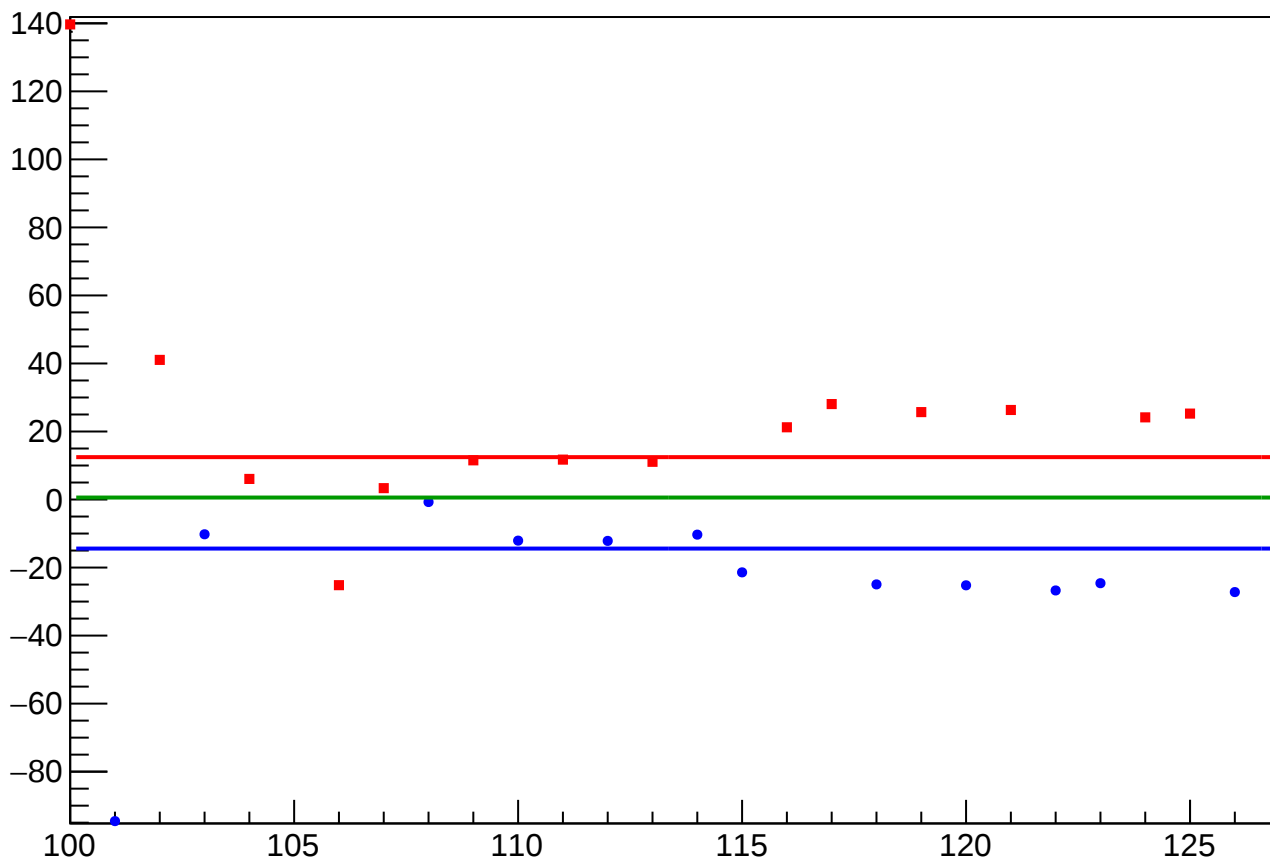
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-30.742 $\pm$ 1.379 χ^2/NDF : 126.5/11

4.735 $\pm$ 0.916 χ^2/NDF : 1413.8/26

32.744 $\pm$ 1.225 χ^2/NDF : 102.8/14

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.415±/-0.078 χ^2/NDF : 27124.8/11

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.463±/-0.069 χ^2/NDF : 53603.5/14

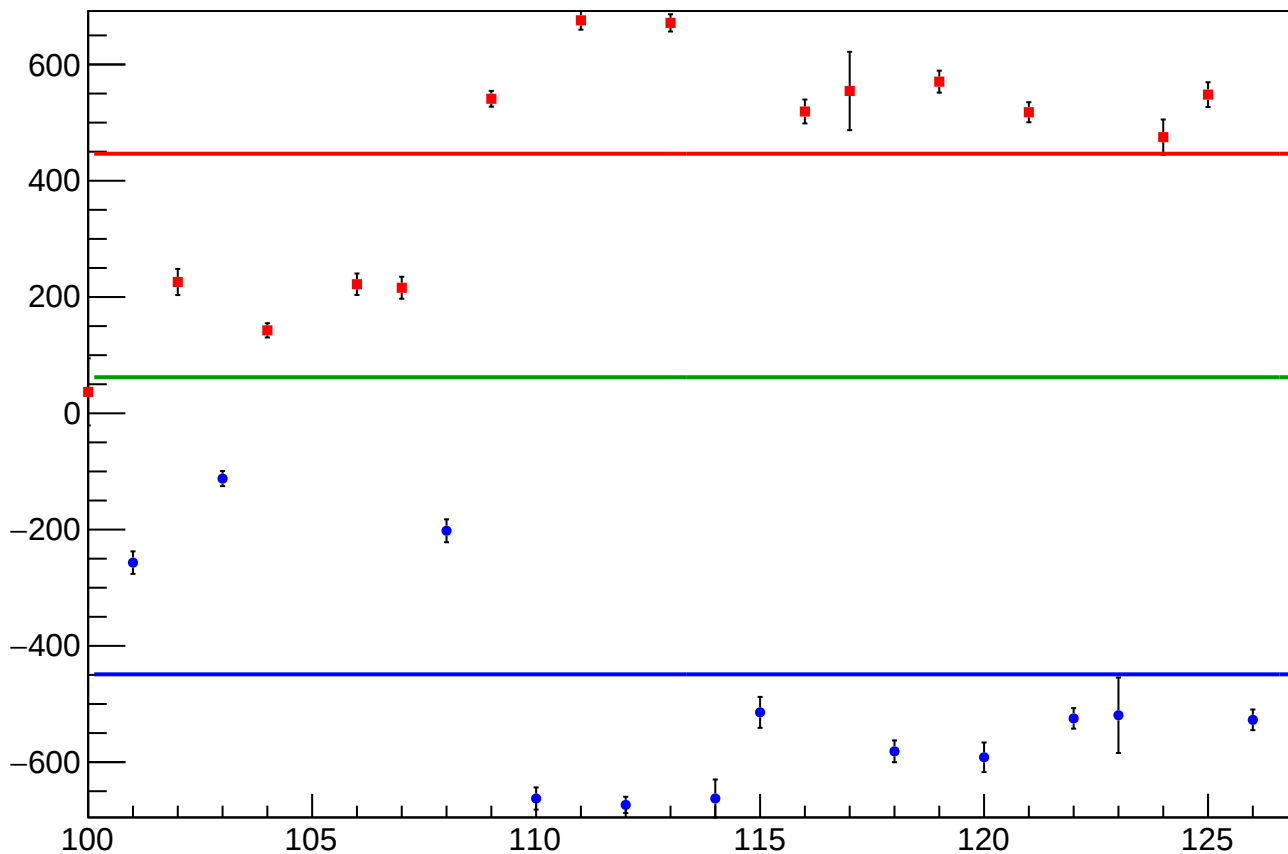
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-14.415±/-0.078 χ^2/NDF : 27124.8/11

0.585±/-0.052 χ^2/NDF : 147157.1/26

12.463±/-0.069 χ^2/NDF : 53603.5/14

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -448.967+/-5.558 χ^2/NDF : 1477.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.532+/-4.821 χ^2/NDF : 1703.6/14

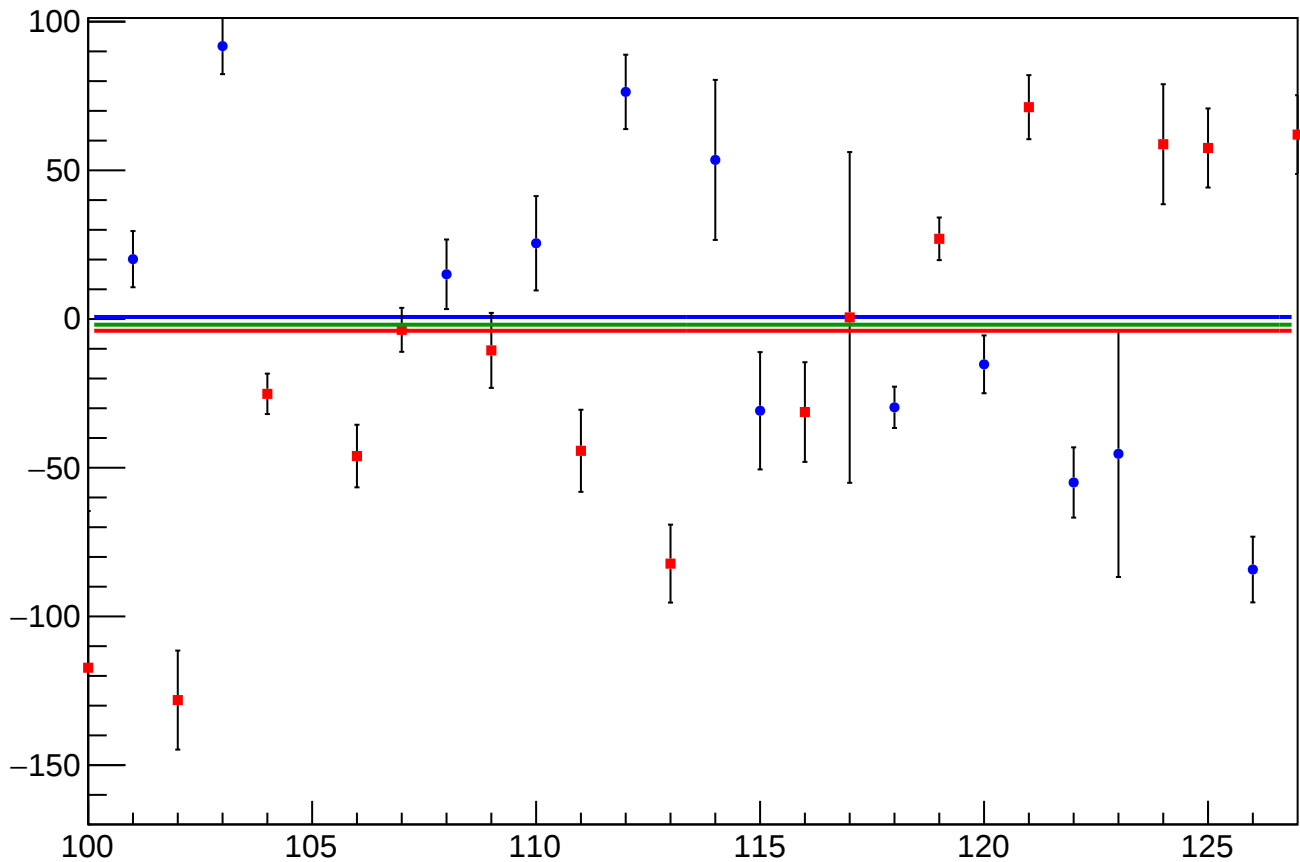
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-448.967+/-5.558 χ^2/NDF : 1477.5/11

62.041+/-3.642 χ^2/NDF : 17996.3/26

446.532+/-4.821 χ^2/NDF : 1703.6/14

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.694 ± 3.309 χ^2/NDF : 248.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.942 ± 2.935 χ^2/NDF : 256.4/14

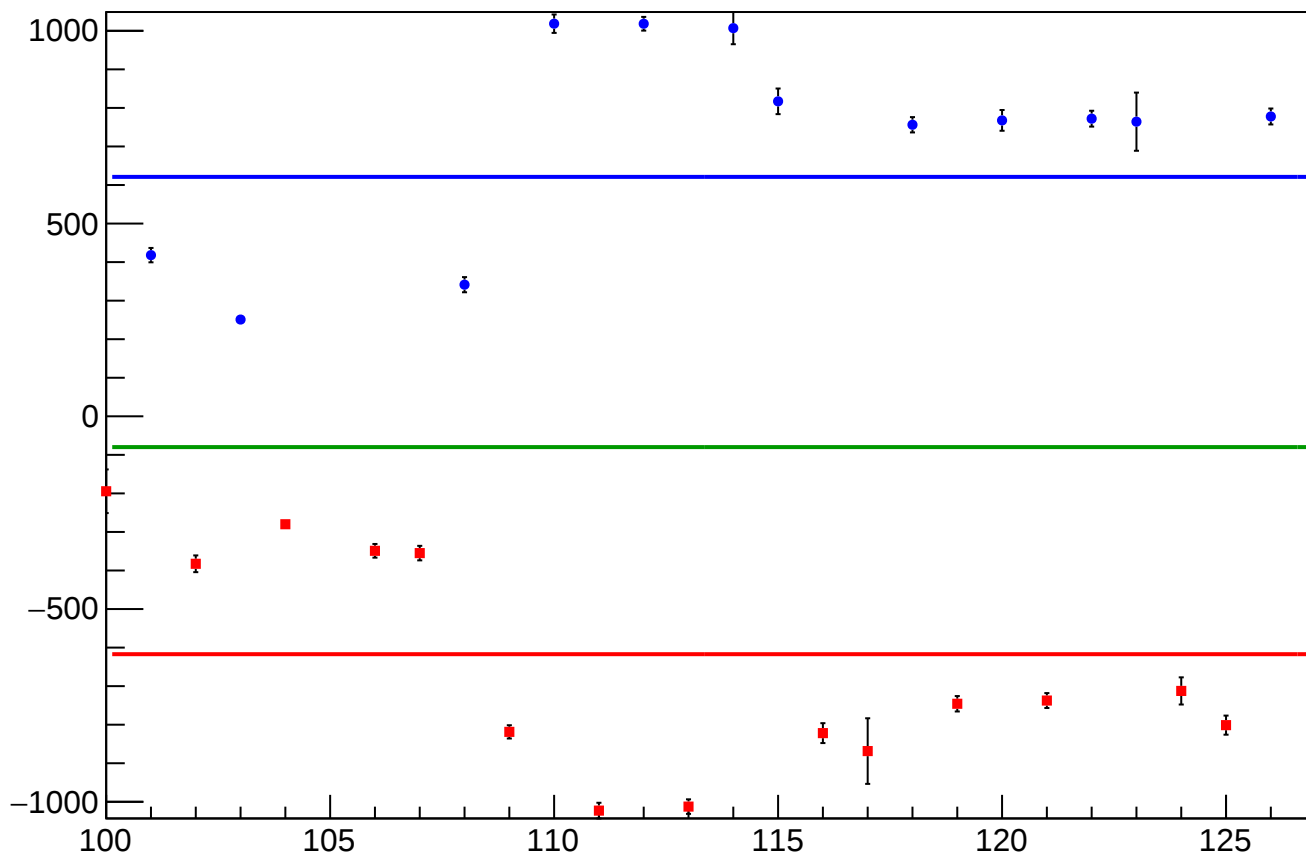
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.694 ± 3.309 χ^2/NDF : 248.6/11

-1.901 ± 2.196 χ^2/NDF : 506.2/26

-3.942 ± 2.935 χ^2/NDF : 256.4/14

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 621.102+/-6.091 χ^2/NDF : 2271.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -617.093+/-5.332 χ^2/NDF : 2701.6/14

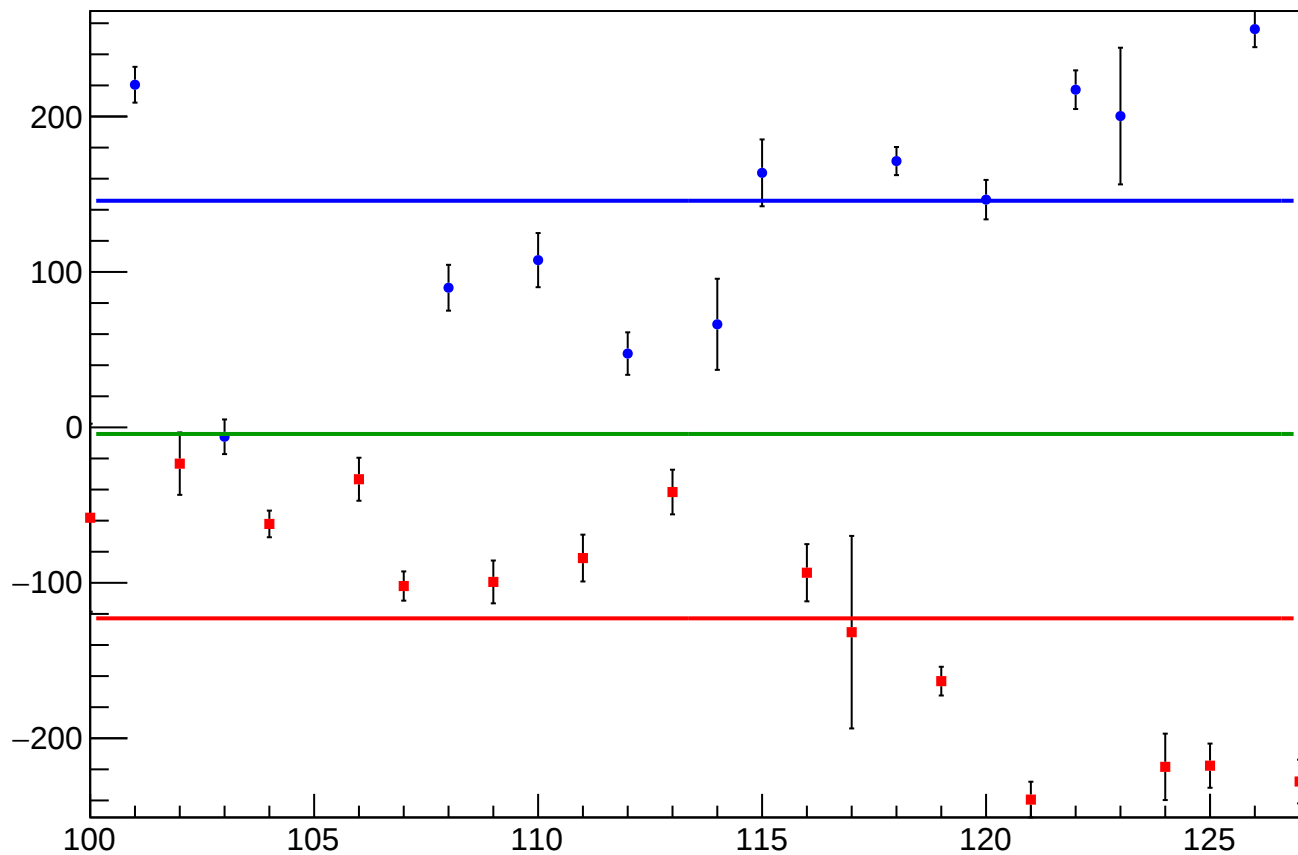
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

621.102+/-6.091 χ^2/NDF : 2271.2/11

-79.873+/-4.012 χ^2/NDF : 28366.9/26

-617.093+/-5.332 χ^2/NDF : 2701.6/14

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 145.801+/-3.924 χ^2/NDF : 439.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.853+/-3.489 χ^2/NDF : 409.1/14

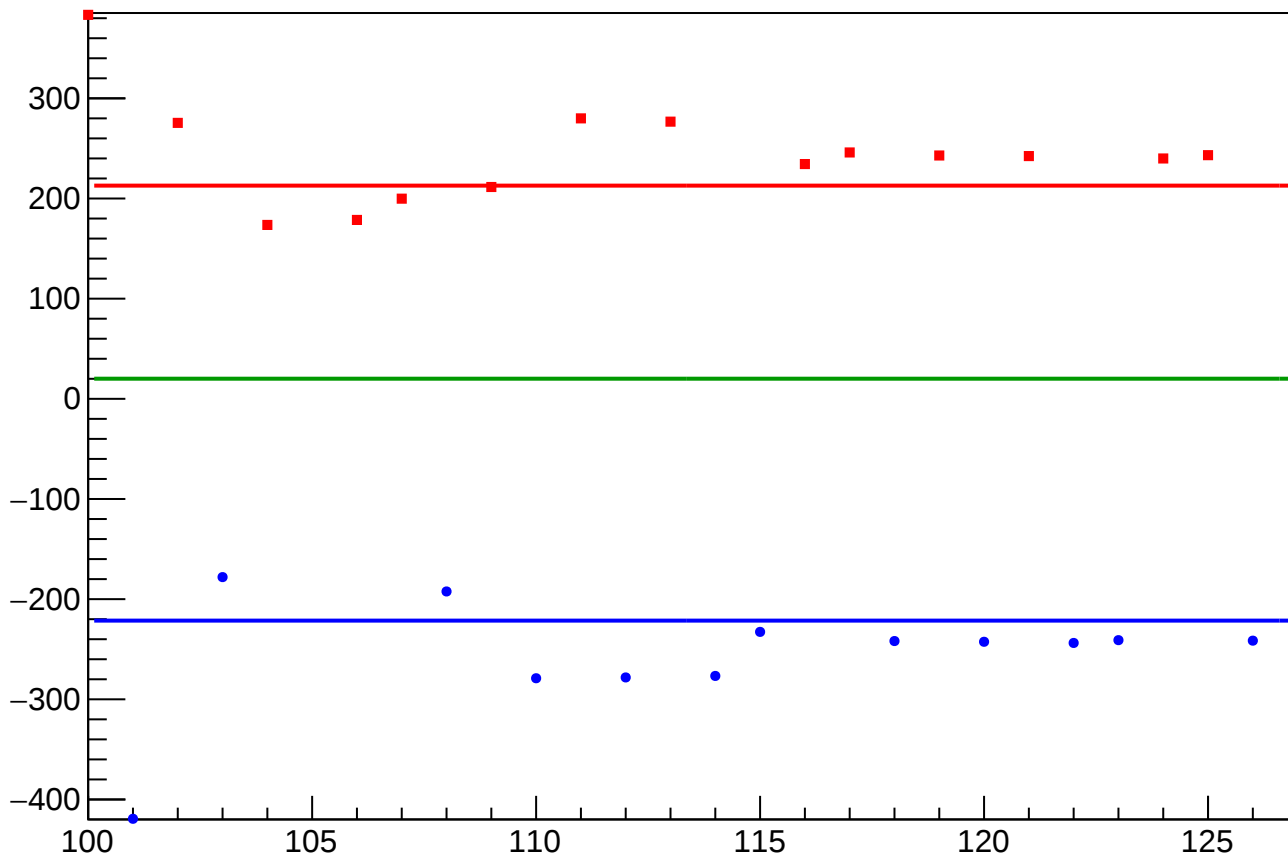
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.801+/-3.924 χ^2/NDF : 439.2/11

-4.227+/-2.608 χ^2/NDF : 3465.8/26

-122.853+/-3.489 χ^2/NDF : 409.1/14

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.424 $\pm$ 0.190 χ^2 /NDF: 125162.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.861 $\pm$ 0.170 χ^2 /NDF: 61547.4/14

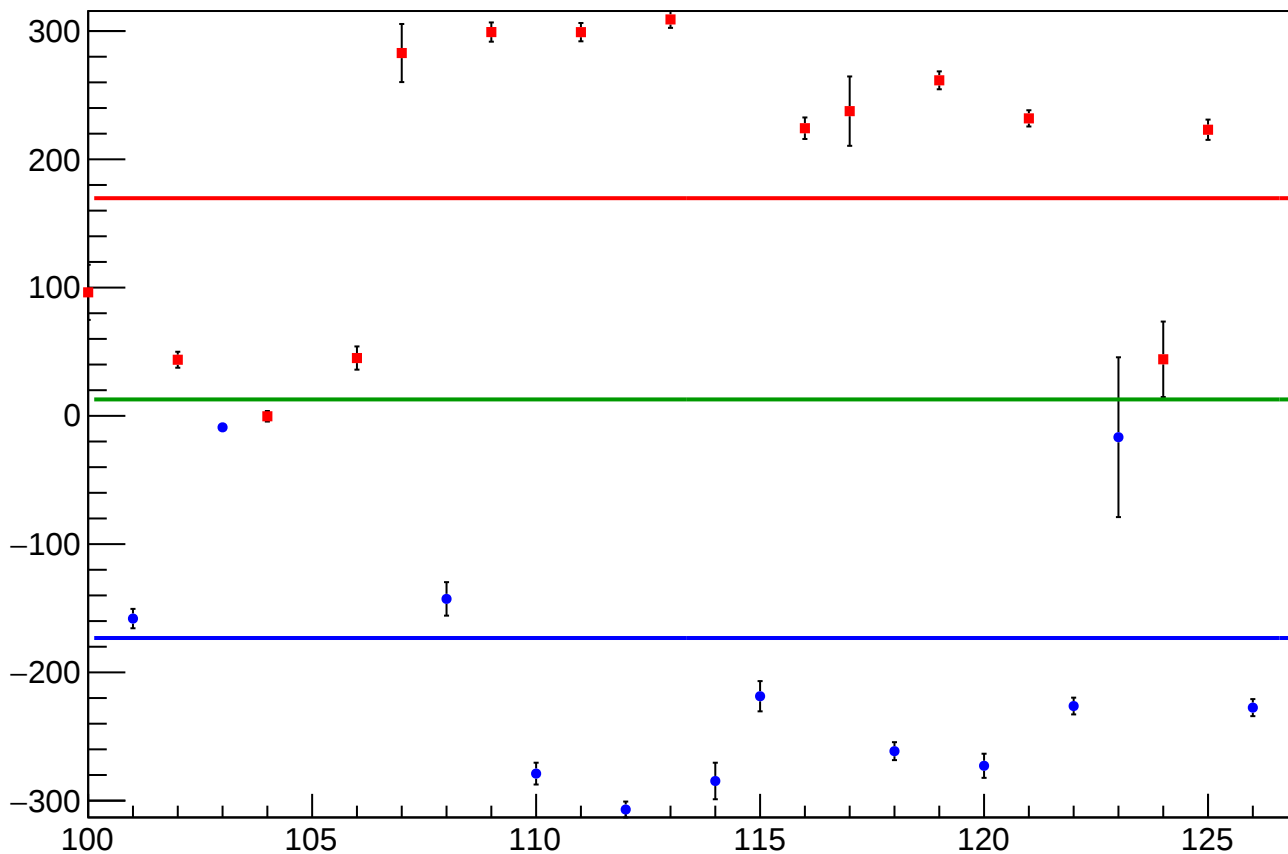
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-221.424 $\pm$ 0.190 χ^2 /NDF: 125162.8/11

20.097 $\pm$ 0.127 χ^2 /NDF: 3081367.6/26

212.861 $\pm$ 0.170 χ^2 /NDF: 61547.4/14

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -173.197 $\pm$ 2.137 χ^2 /NDF: 2880.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.697 $\pm$ 1.963 χ^2 /NDF: 3971.0/14

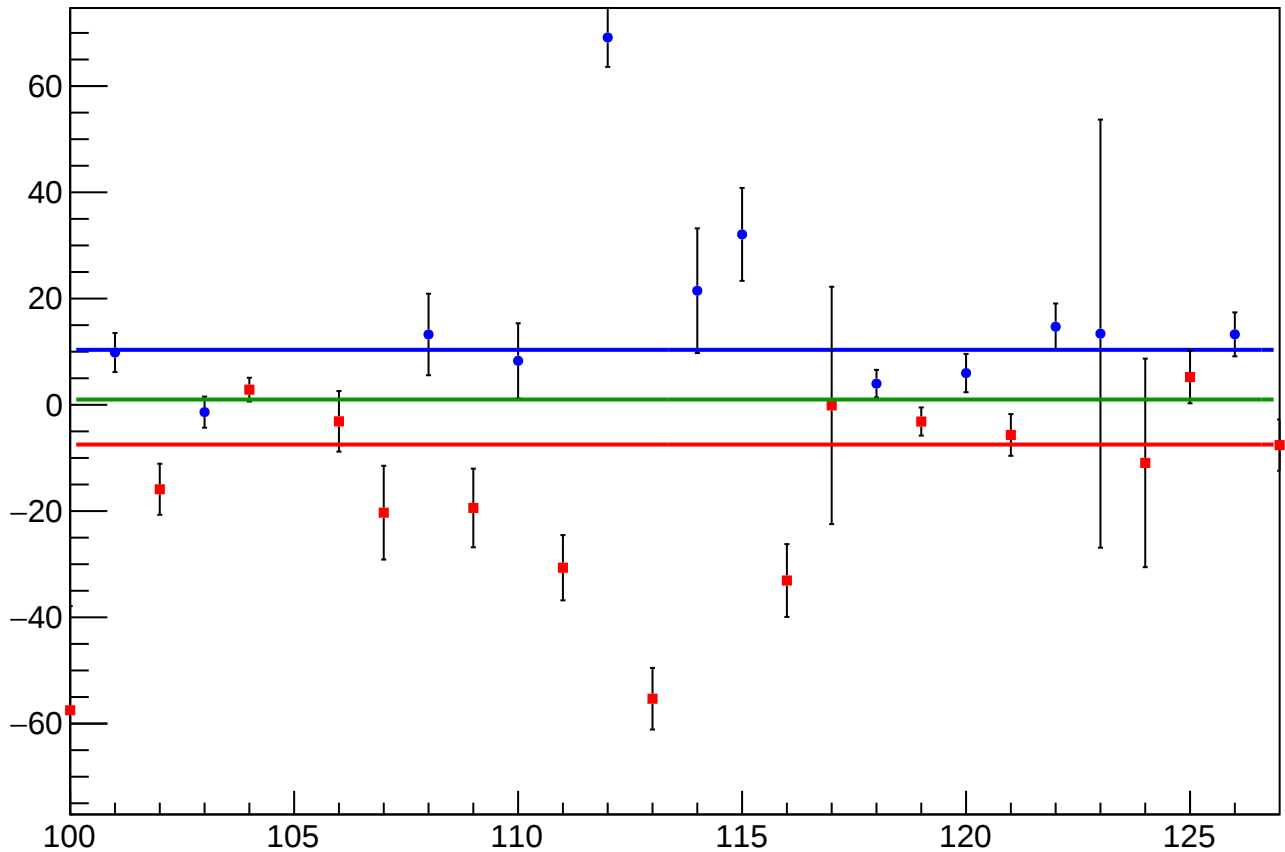
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-173.197 $\pm$ 2.137 χ^2 /NDF: 2880.2/11

12.809 $\pm$ 1.446 χ^2 /NDF: 20811.8/26

169.697 $\pm$ 1.963 χ^2 /NDF: 3971.0/14

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.351 ± 1.272 χ^2/NDF : 144.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.478 ± 1.211 χ^2/NDF : 142.1/14

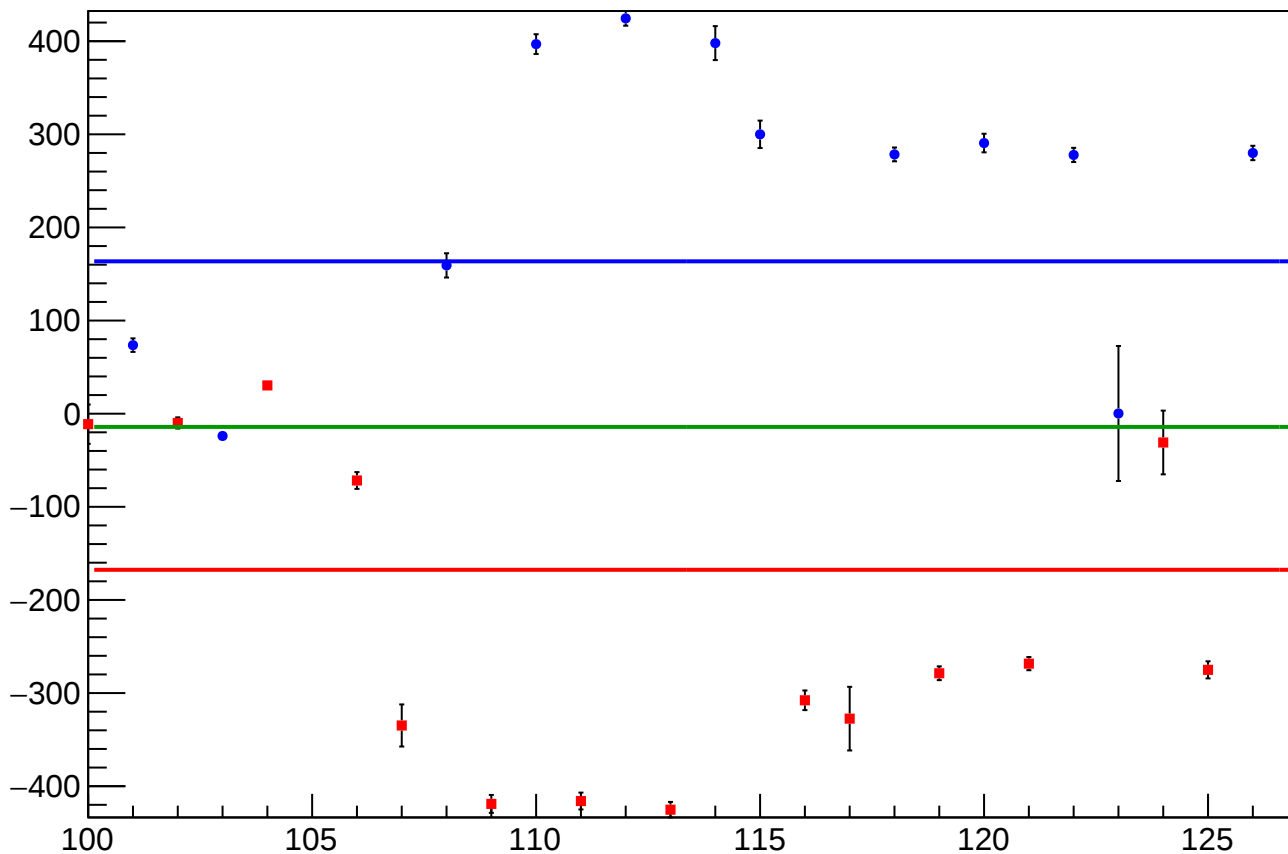
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.351 ± 1.272 χ^2/NDF : 144.8/11

0.999 ± 0.877 χ^2/NDF : 390.0/26

-7.478 ± 1.211 χ^2/NDF : 142.1/14

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 163.606+/-2.297 χ^2/NDF : 5295.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -167.633+/-2.133 χ^2/NDF : 6870.1/14

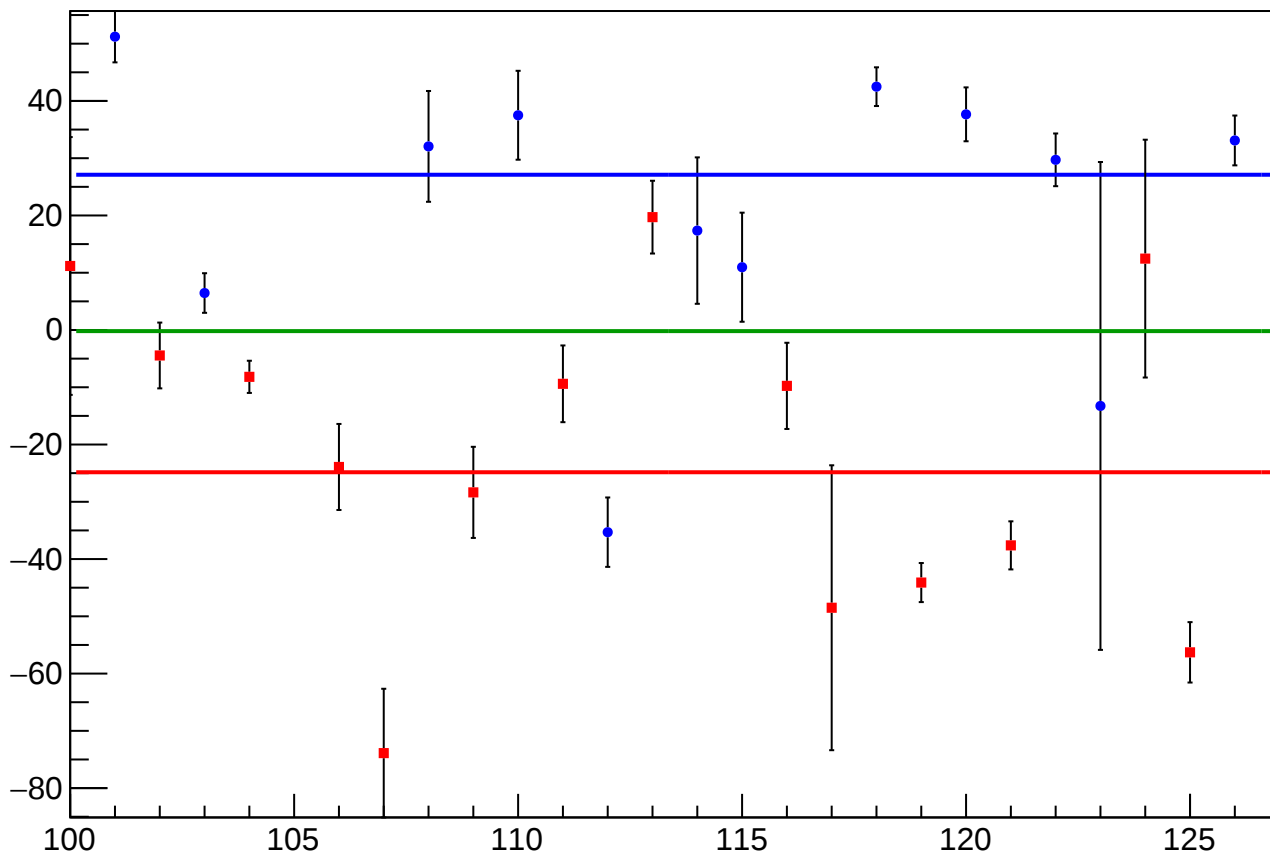
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.606+/-2.297 χ^2/NDF : 5295.8/11

-14.200+/-1.563 χ^2/NDF : 23333.0/26

-167.633+/-2.133 χ^2/NDF : 6870.1/14

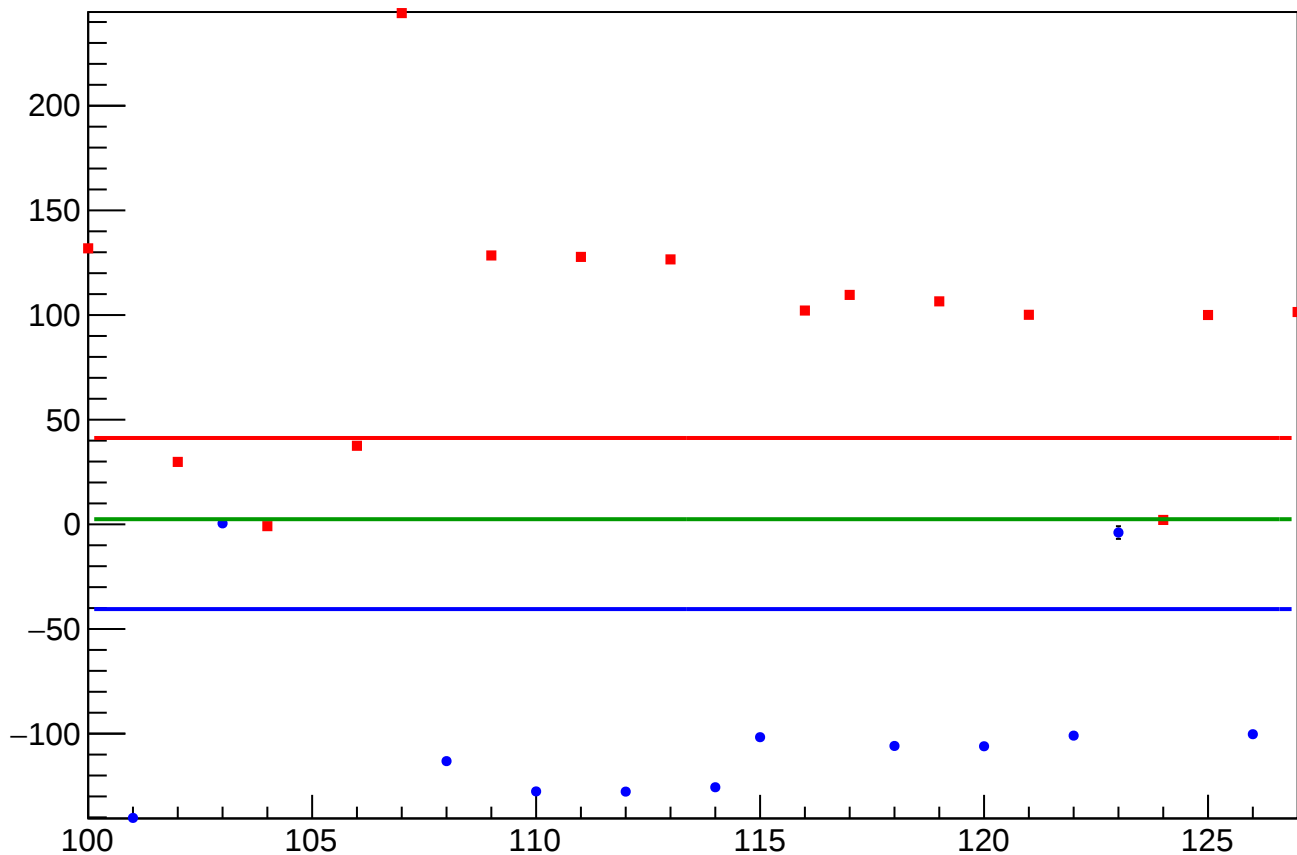
reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.111+/-1.510 χ^2 /NDF: 205.0/11
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -24.841+/-1.435 χ^2 /NDF: 219.0/14
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.111+/-1.510 χ^2 /NDF: 205.0/11
 -0.194+/-1.040 χ^2 /NDF: 1045.9/26
 -24.841+/-1.435 χ^2 /NDF: 219.0/14

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.486 ± 0.068 χ^2/NDF : 678446.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 41.261 ± 0.065 χ^2/NDF : 637011.4/14

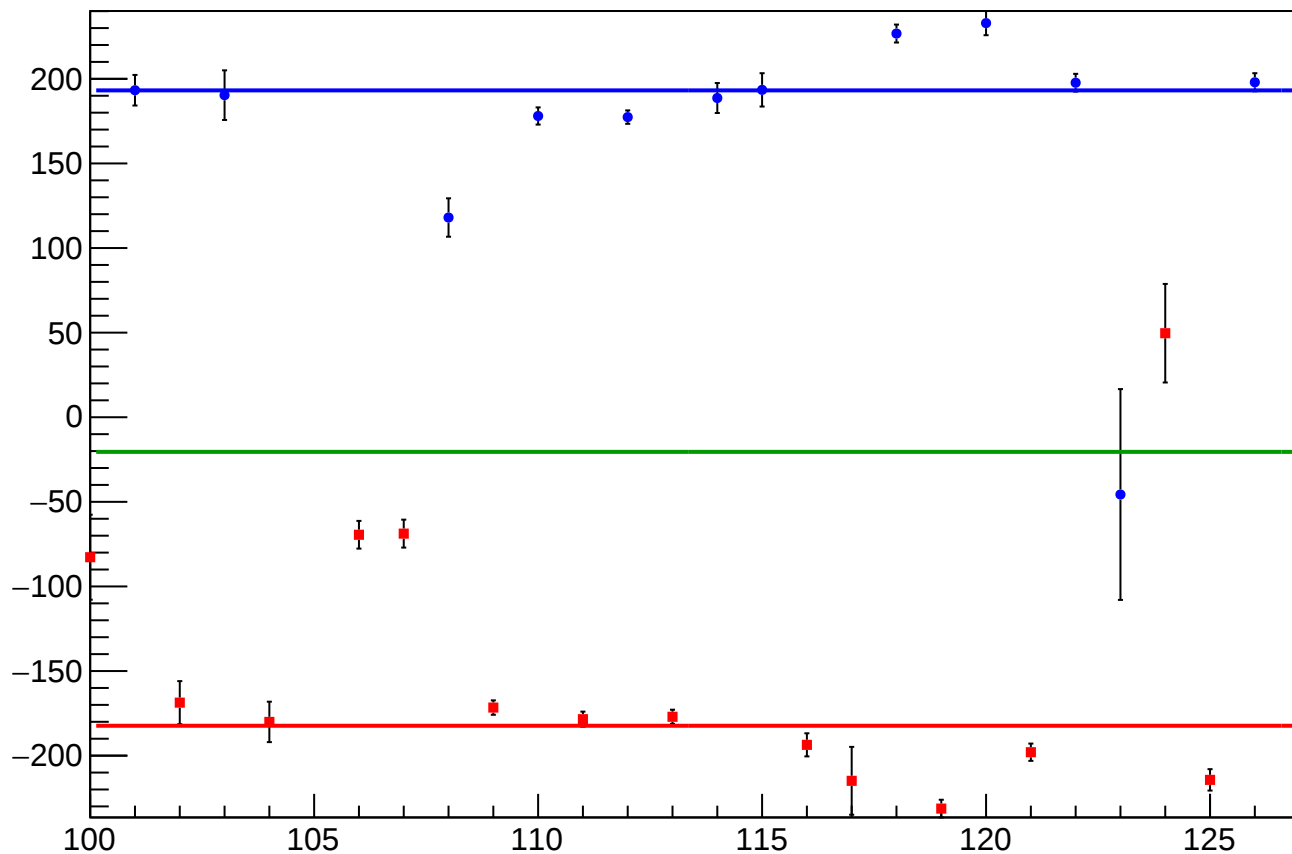
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.486 ± 0.068 χ^2/NDF : 678446.2/11

2.460 ± 0.047 χ^2/NDF : 2069201.9/26

41.261 ± 0.065 χ^2/NDF : 637011.4/14

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 193.173 ± 1.901 χ^2/NDF : 156.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -182.332 ± 1.654 χ^2/NDF : 658.8/14

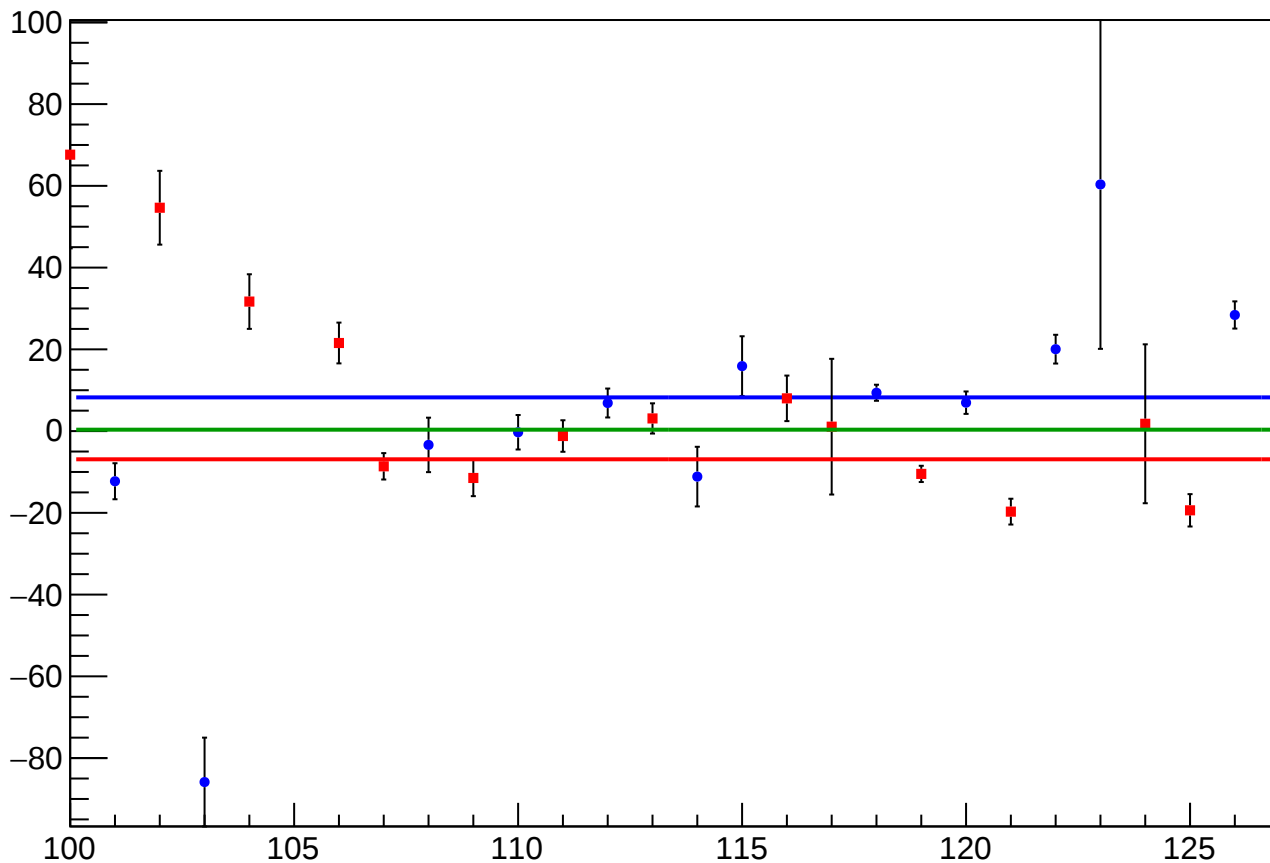
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

193.173 ± 1.901 χ^2/NDF : 156.1/11

-20.464 ± 1.248 χ^2/NDF : 23024.8/26

-182.332 ± 1.654 χ^2/NDF : 658.8/14

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.248 $\pm$ 1.105 χ^2/NDF : 162.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -6.900 $\pm$ 1.058 χ^2/NDF : 189.4/14

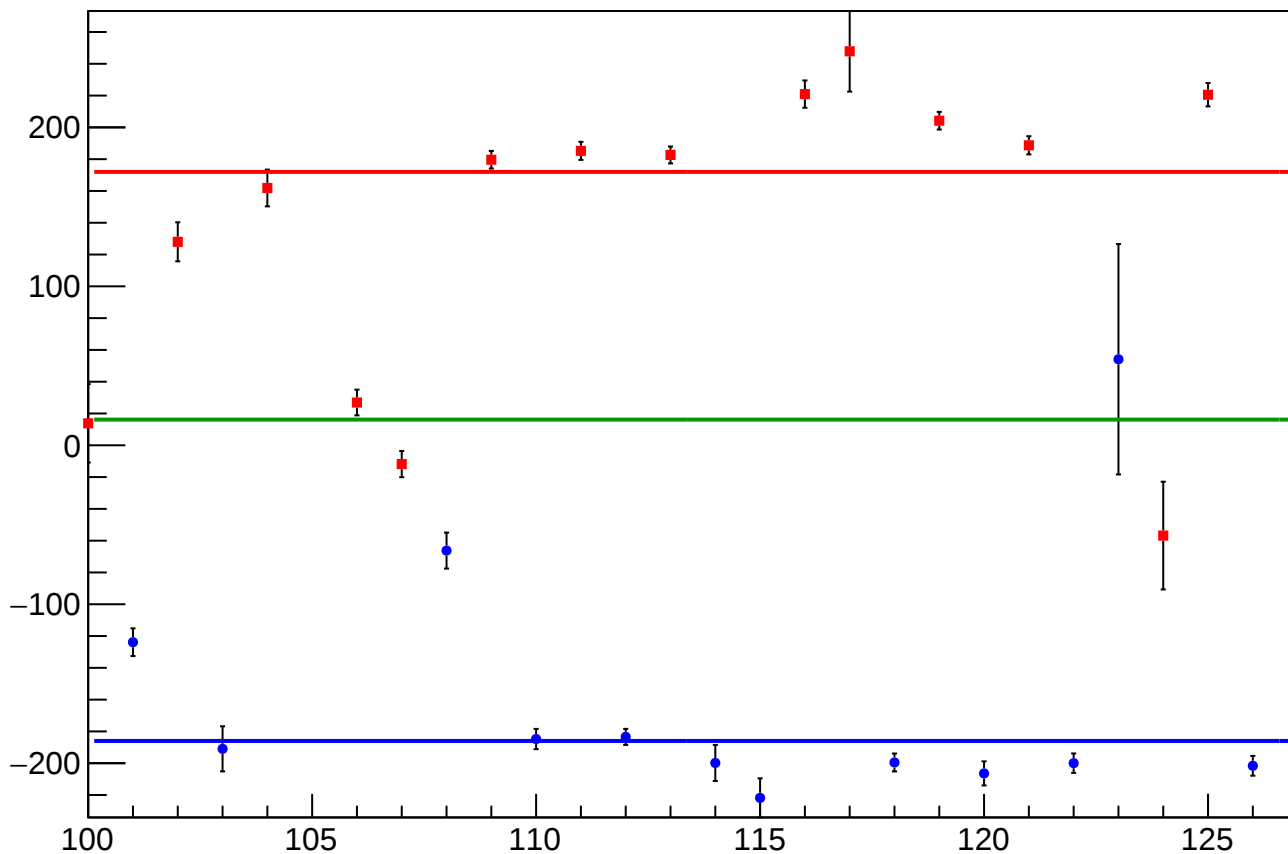
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

8.248 $\pm$ 1.105 χ^2/NDF : 162.3/11

0.345 $\pm$ 0.764 χ^2/NDF : 449.8/26

-6.900 $\pm$ 1.058 χ^2/NDF : 189.4/14

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -185.991 ± 2.203 χ^2/NDF : 208.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 172.006 ± 1.934 χ^2/NDF : 1145.0/14

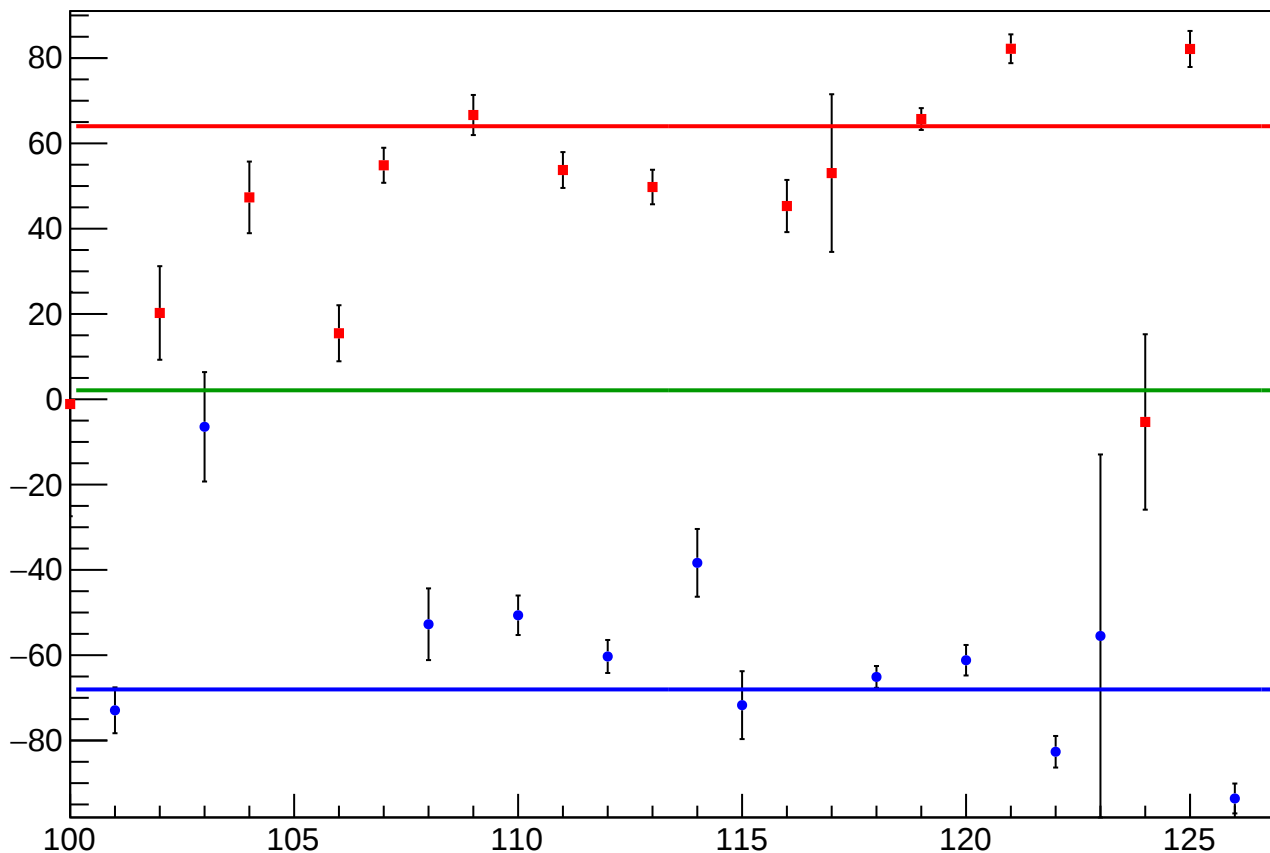
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-185.991 ± 2.203 χ^2/NDF : 208.7/11

16.176 ± 1.453 χ^2/NDF : 16271.1/26

172.006 ± 1.934 χ^2/NDF : 1145.0/14

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.032 $\pm$ 1.307 χ^2/NDF : 133.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 64.024 $\pm$ 1.228 χ^2/NDF : 208.4/14

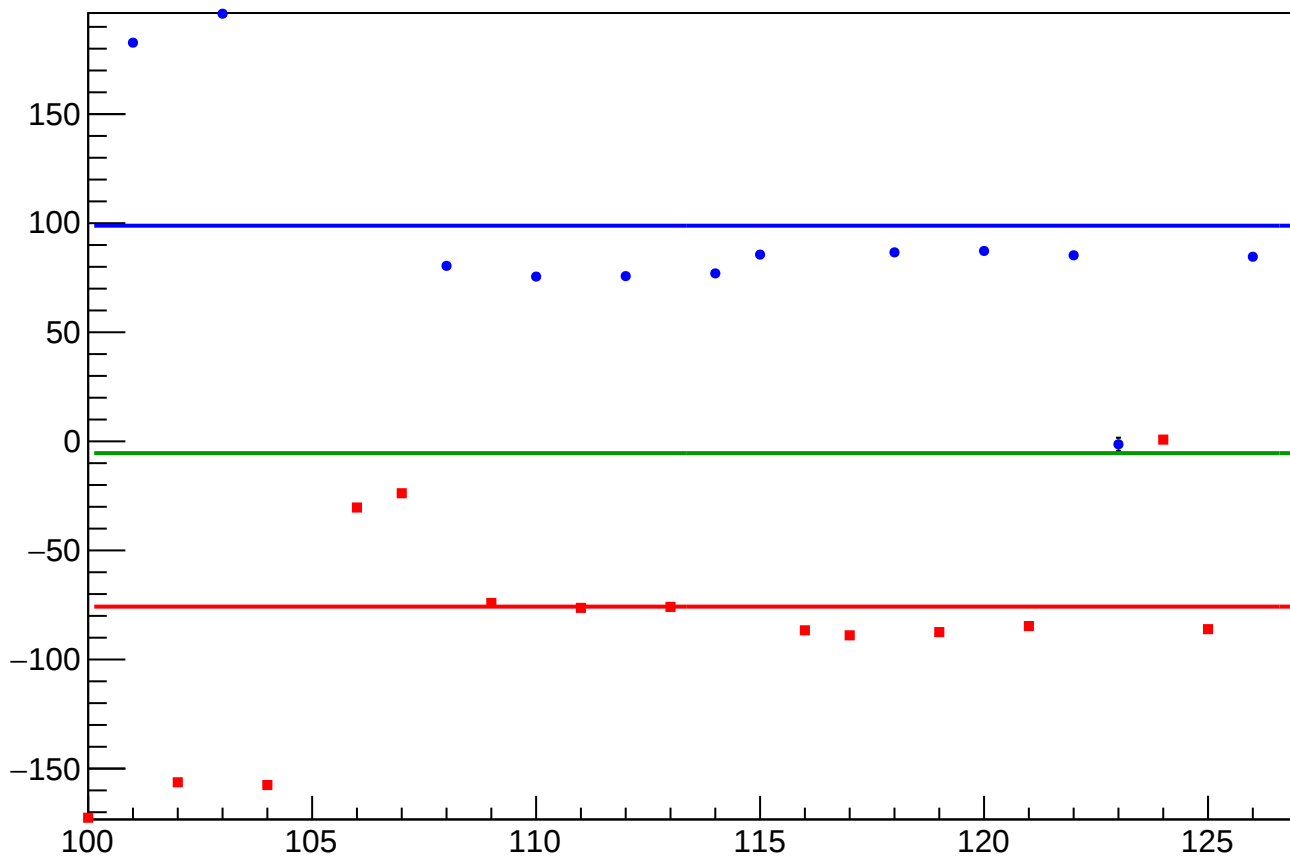
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-68.032 $\pm$ 1.307 χ^2/NDF : 133.4/11

2.104 $\pm$ 0.895 χ^2/NDF : 5767.3/26

64.024 $\pm$ 1.228 χ^2/NDF : 208.4/14

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.849+/-0.088 χ^2/NDF : 198200.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.760+/-0.073 χ^2/NDF : 306655.7/14

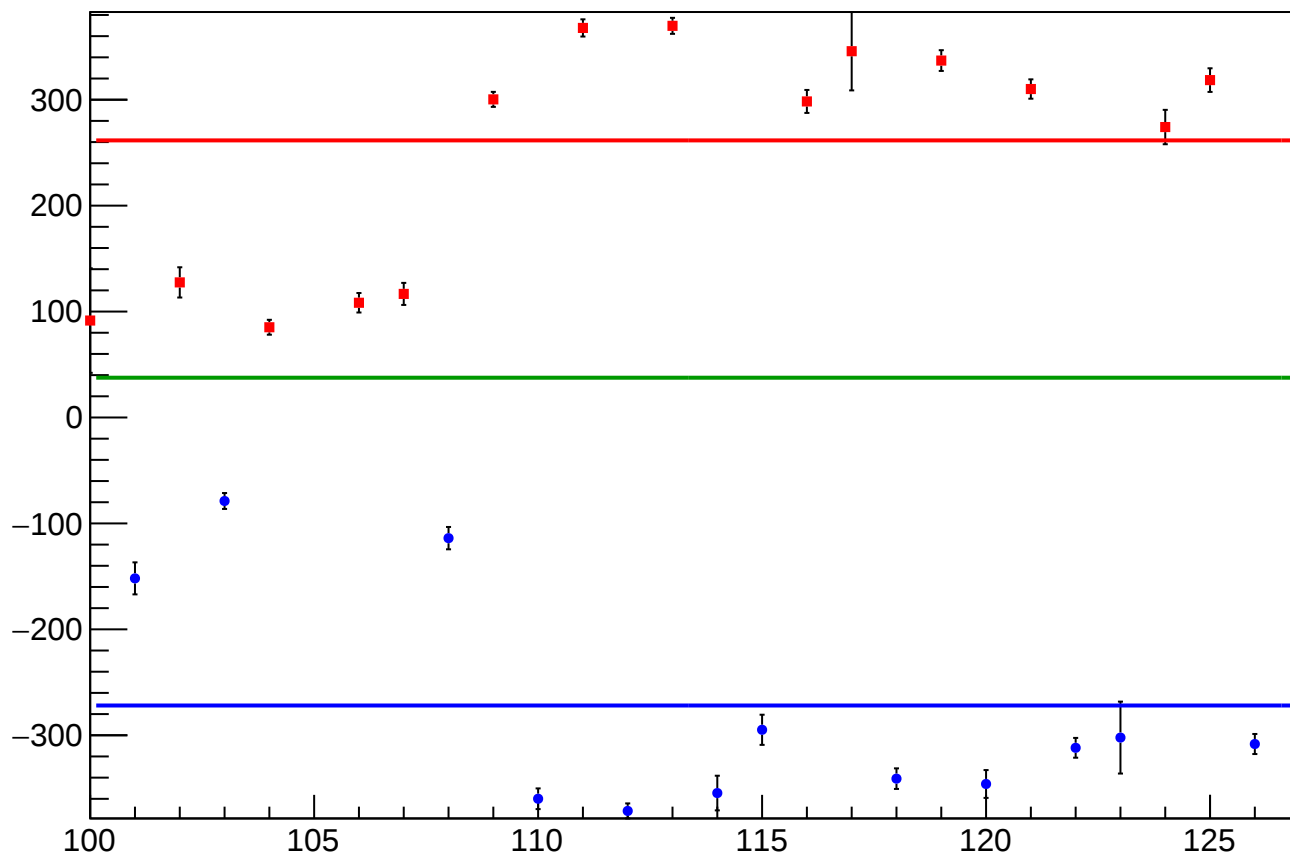
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.849+/-0.088 χ^2/NDF : 198200.5/11

-5.398+/-0.056 χ^2/NDF : 2829581.2/26

-75.760+/-0.073 χ^2/NDF : 306655.7/14

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -271.894+/-3.016 χ^2/NDF : 1370.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.590+/-2.566 χ^2/NDF : 1827.6/14

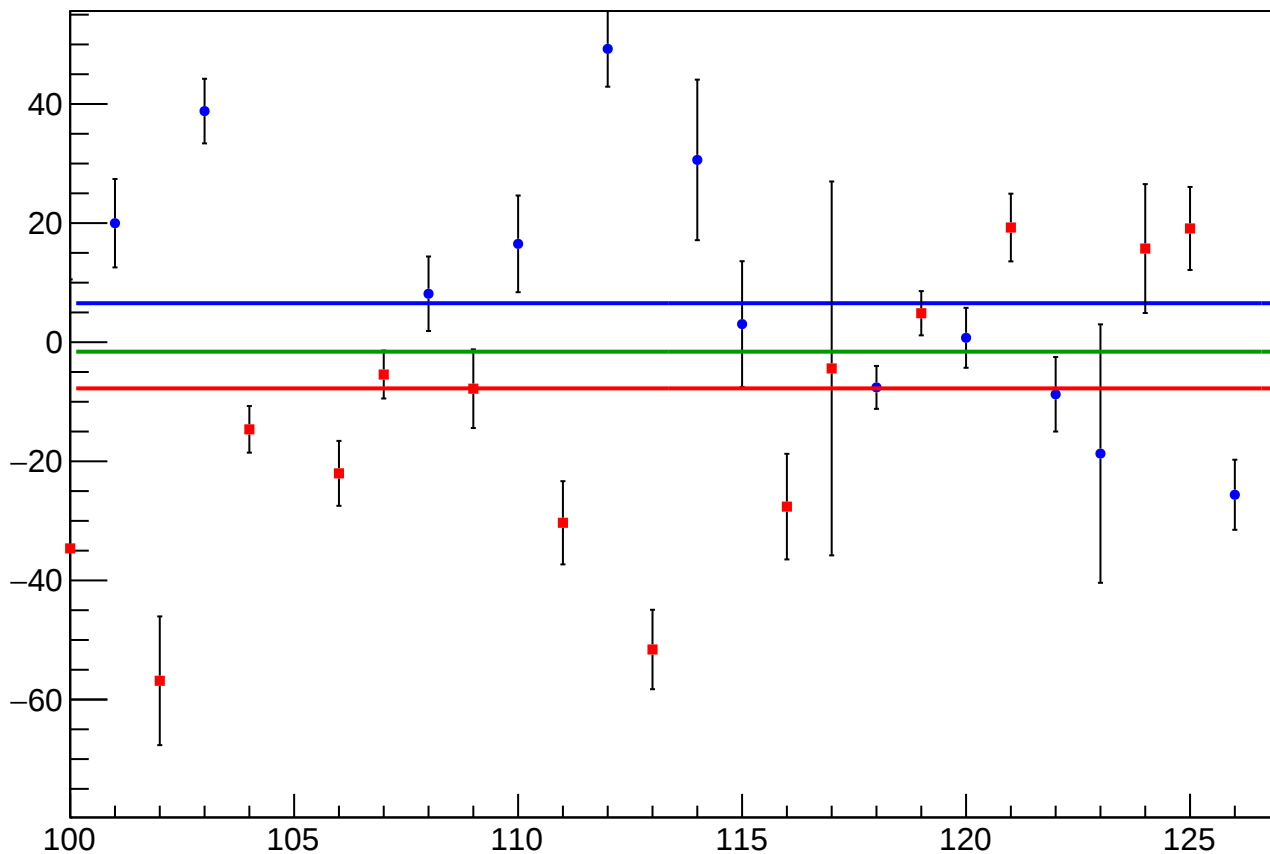
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-271.894+/-3.016 χ^2/NDF : 1370.4/11

37.553+/-1.954 χ^2/NDF : 21348.0/26

261.590+/-2.566 χ^2/NDF : 1827.6/14

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.547+/-1.810 χ^2/NDF : 142.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.751+/-1.576 χ^2/NDF : 151.9/14

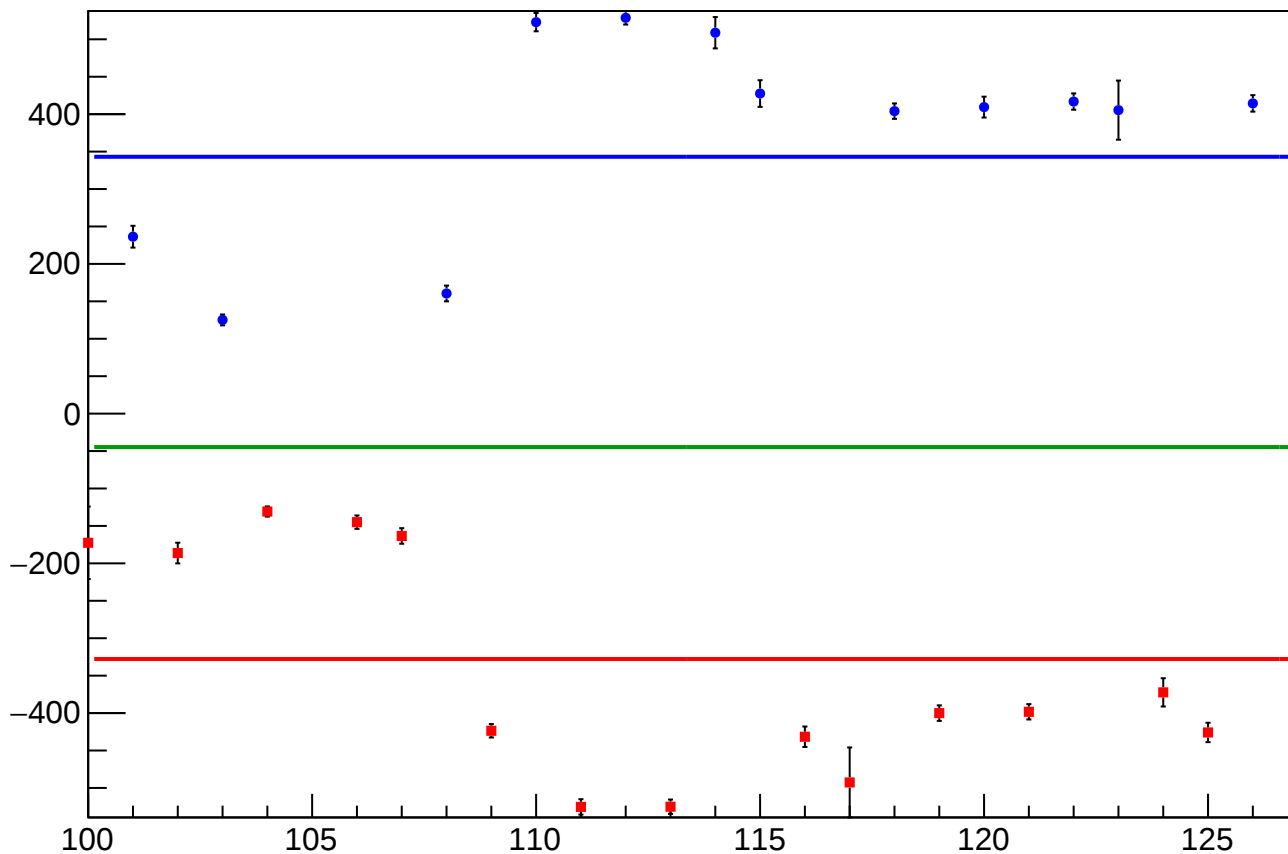
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.547+/-1.810 χ^2/NDF : 142.6/11

-1.588+/-1.189 χ^2/NDF : 330.0/26

-7.751+/-1.576 χ^2/NDF : 151.9/14

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 343.086+/-3.353 χ^2/NDF : 2126.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -327.758+/-2.865 χ^2/NDF : 2894.8/14

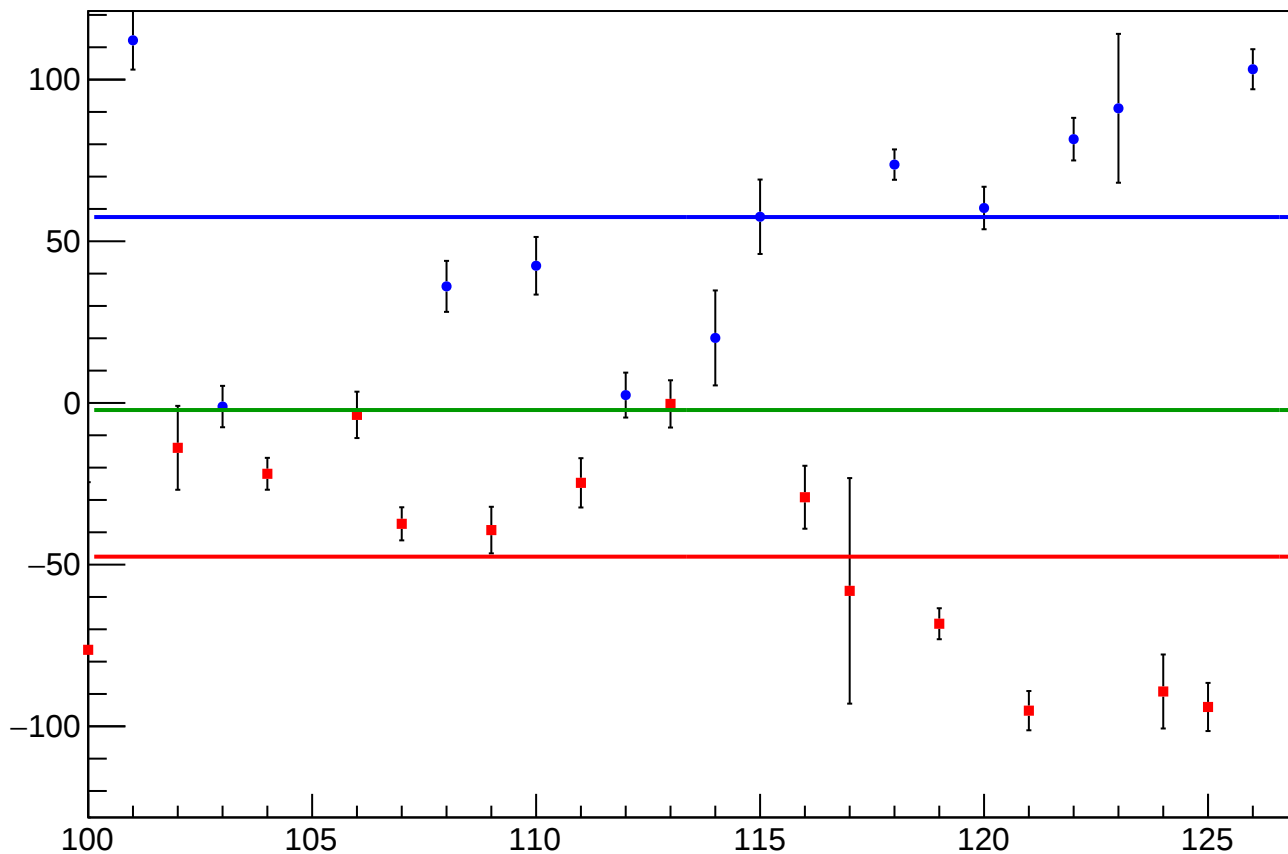
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

343.086+/-3.353 χ^2/NDF : 2126.5/11

-44.656+/-2.178 χ^2/NDF : 28161.5/26

-327.758+/-2.865 χ^2/NDF : 2894.8/14

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 57.493+/-2.143 χ^2 /NDF: 281.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -47.533+/-1.868 χ^2 /NDF: 294.2/14

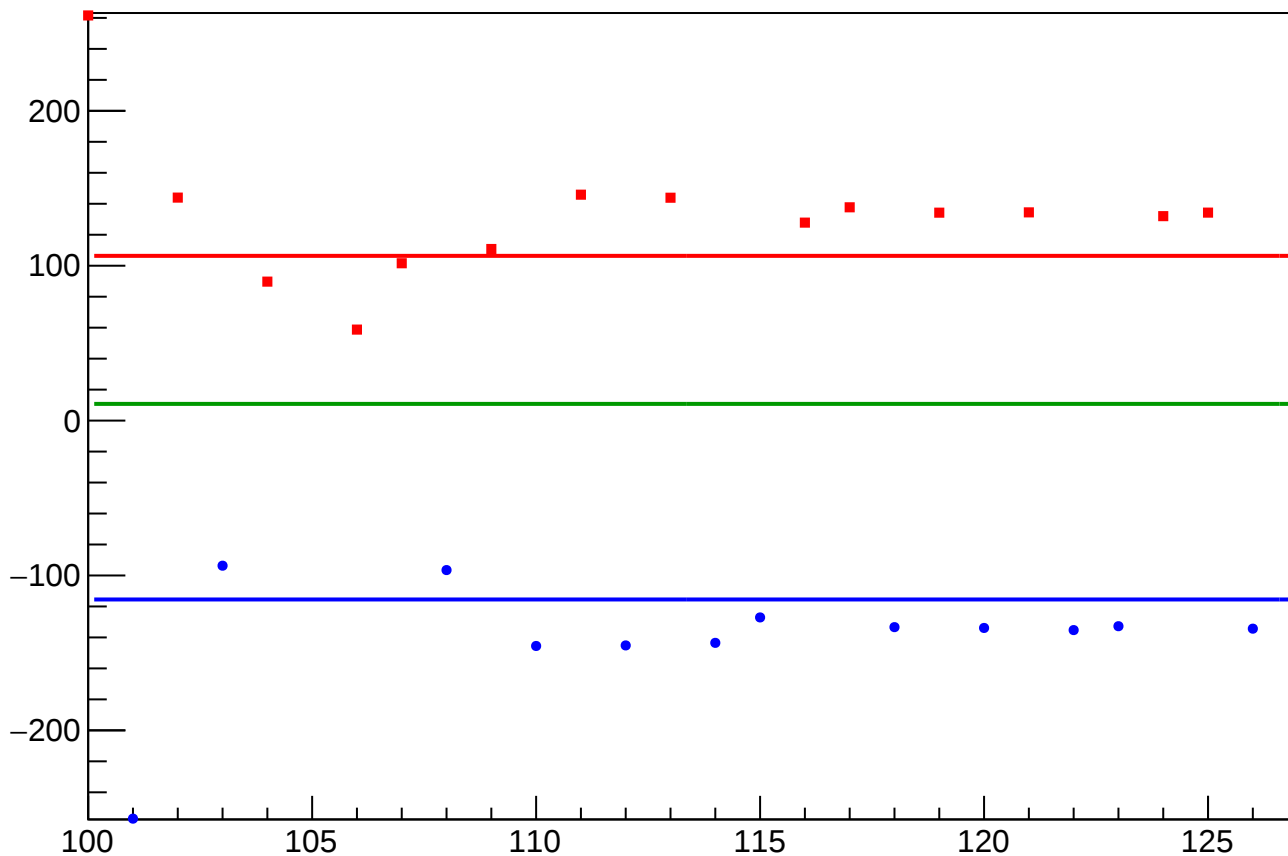
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

57.493+/-2.143 χ^2 /NDF: 281.9/11

-2.186+/-1.408 χ^2 /NDF: 1940.5/26

-47.533+/-1.868 χ^2 /NDF: 294.2/14

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -115.496 $\pm$ 0.107 χ^2 /NDF: 112078.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.369 $\pm$ 0.093 χ^2 /NDF: 99835.8/14

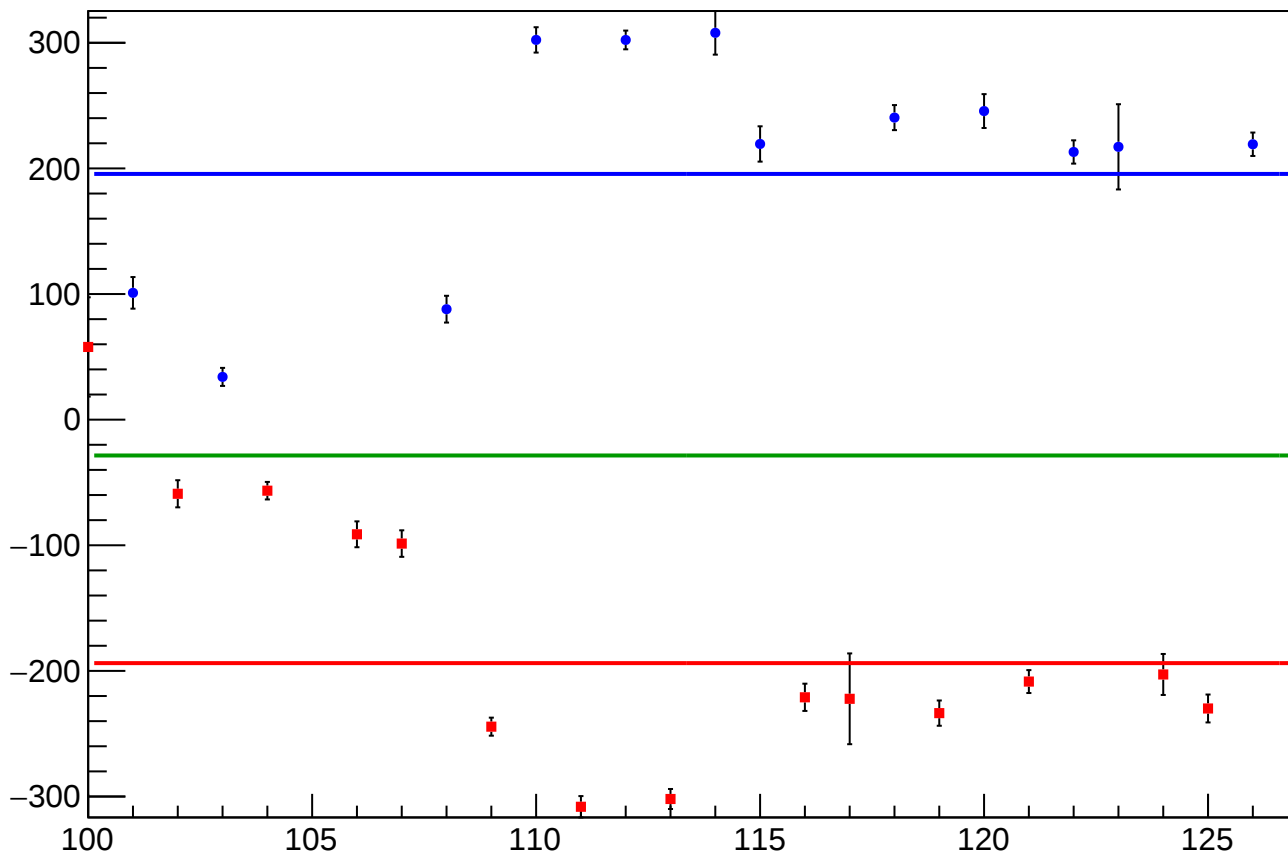
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-115.496 $\pm$ 0.107 χ^2 /NDF: 112078.5/11

10.787 $\pm$ 0.070 χ^2 /NDF: 2671756.4/26

106.369 $\pm$ 0.093 χ^2 /NDF: 99835.8/14

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 195.610 $\pm$ 3.011 χ^2 /NDF: 1071.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -193.812 $\pm$ 2.586 χ^2 /NDF: 1246.0/14

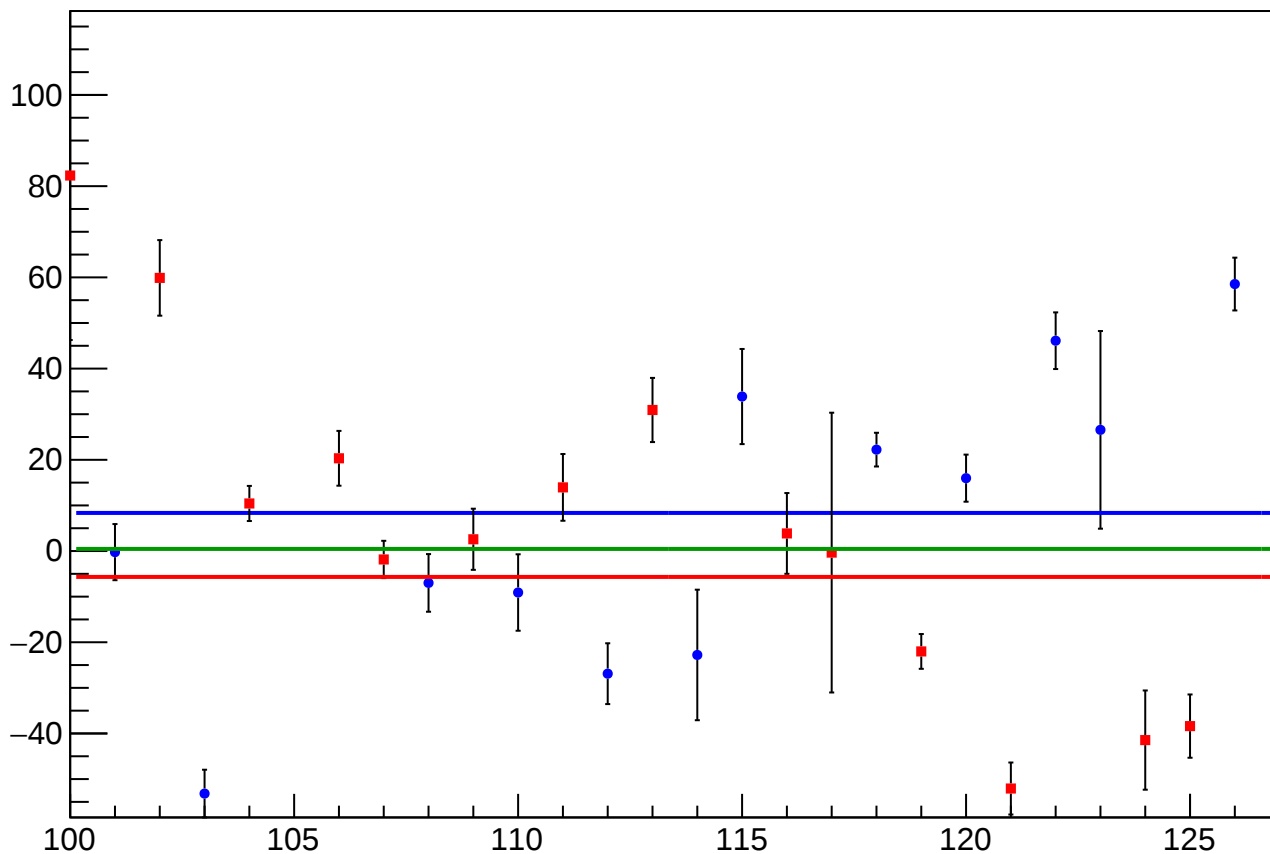
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

195.610 $\pm$ 3.011 χ^2 /NDF: 1071.1/11

-28.520 $\pm$ 1.962 χ^2 /NDF: 11944.3/26

-193.812 $\pm$ 2.586 χ^2 /NDF: 1246.0/14

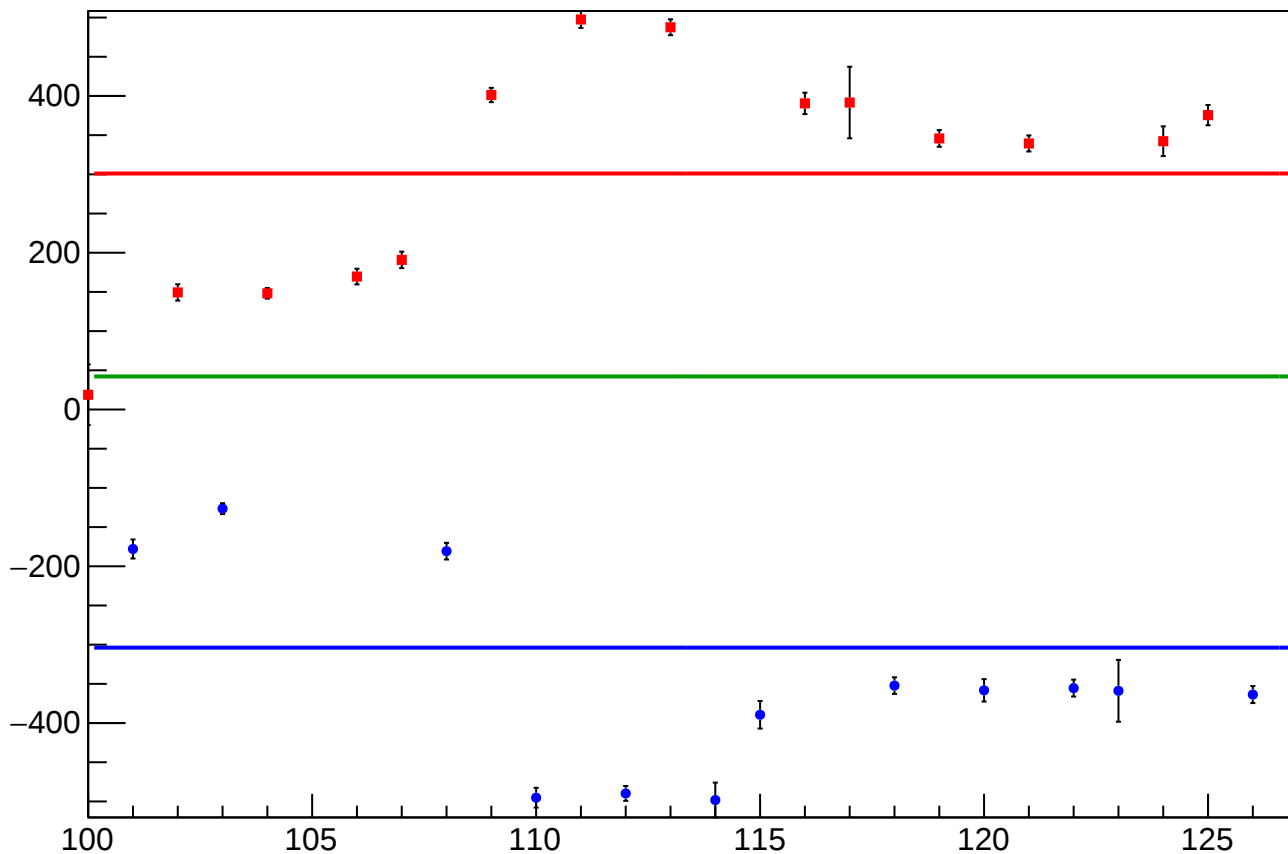
reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.355+/-1.804 χ^2/NDF : 318.3/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5.676+/-1.591 χ^2/NDF : 302.2/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.355+/-1.804 χ^2/NDF : 318.3/11
 0.462+/-1.193 χ^2/NDF : 654.5/26
 -5.676+/-1.591 χ^2/NDF : 302.2/14

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -303.776+/-3.322 χ^2/NDF : 1699.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.055+/-2.874 χ^2/NDF : 2032.8/14

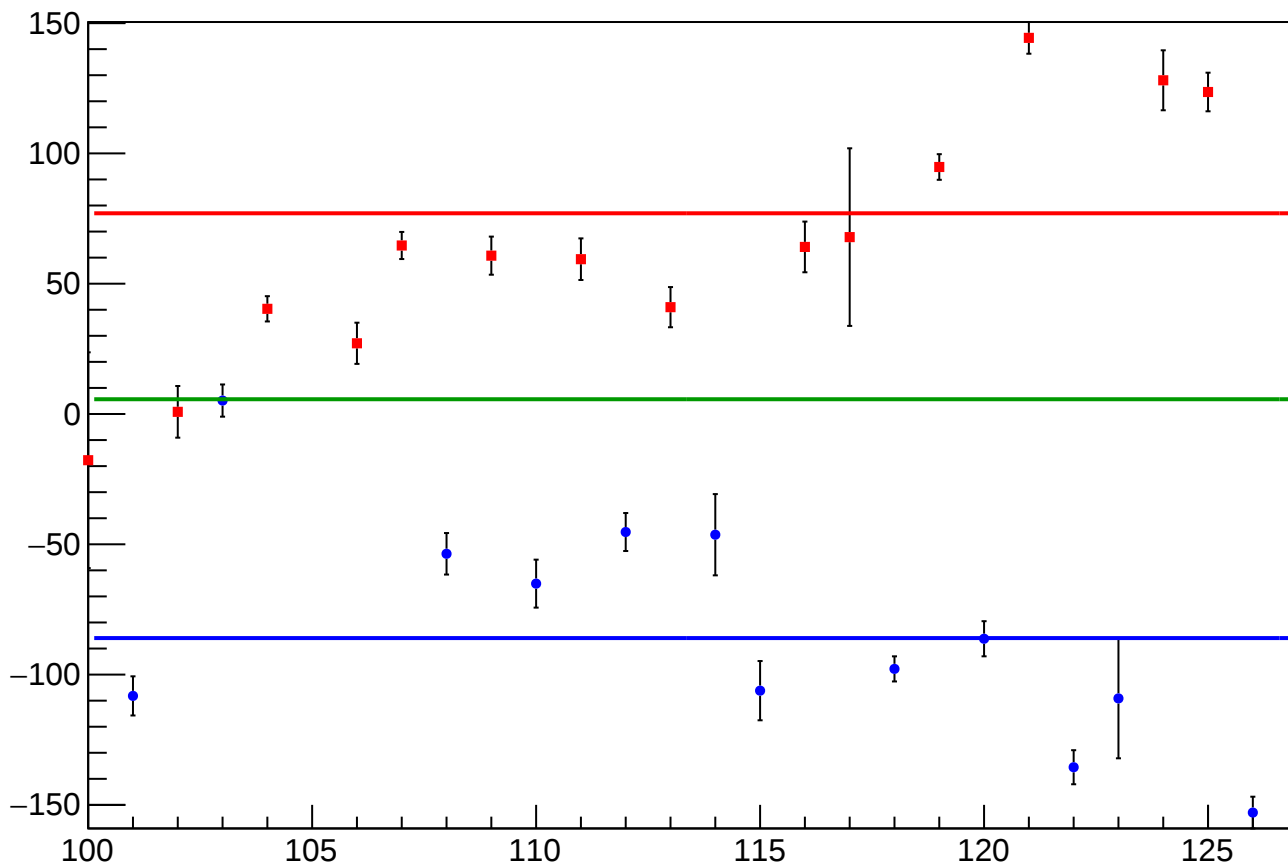
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-303.776+/-3.322 χ^2/NDF : 1699.6/11

42.165+/-2.174 χ^2/NDF : 22688.6/26

301.055+/-2.874 χ^2/NDF : 2032.8/14

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -85.984 ± 2.135 χ^2/NDF : 474.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 77.014 ± 1.883 χ^2/NDF : 469.8/14

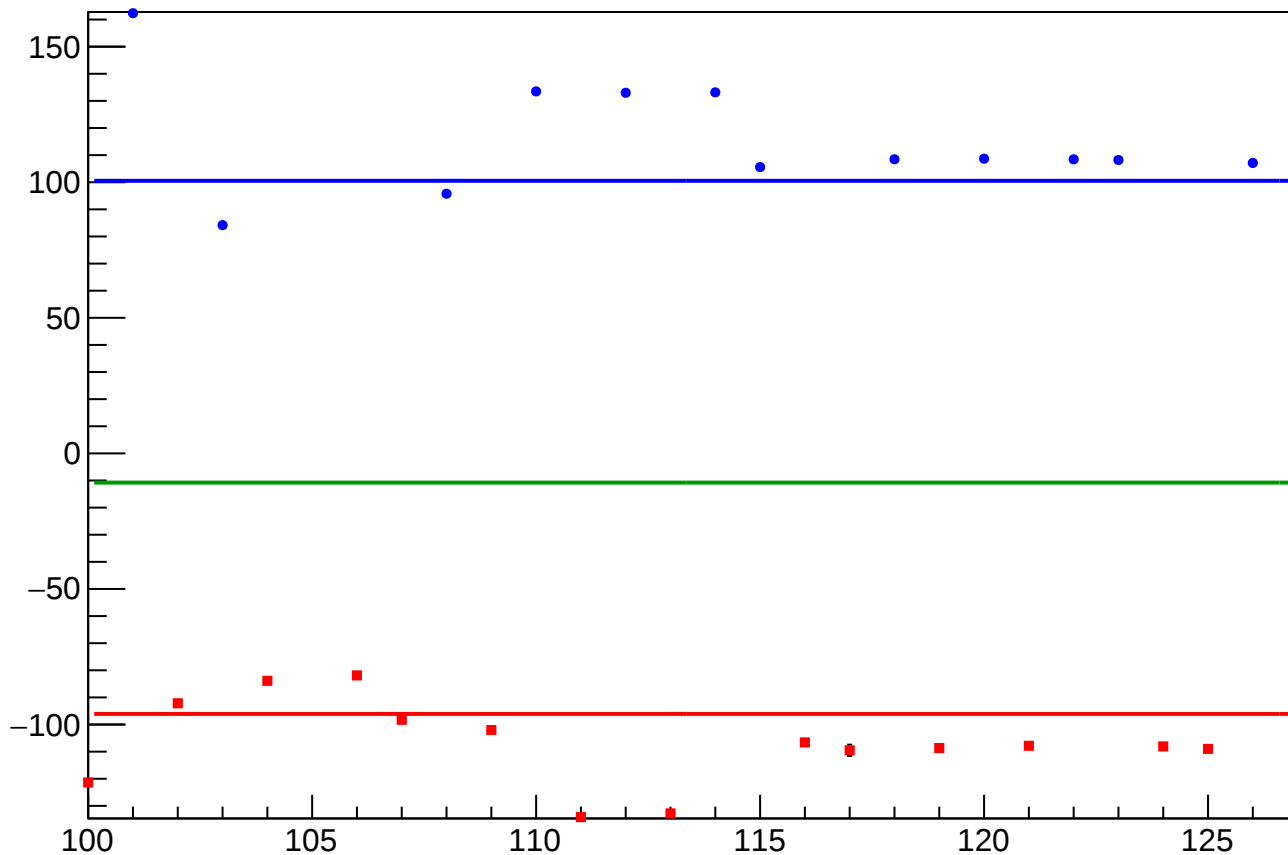
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-85.984 ± 2.135 χ^2/NDF : 474.1/11

5.663 ± 1.412 χ^2/NDF : 4222.3/26

77.014 ± 1.883 χ^2/NDF : 469.8/14

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.530 ± 0.104 χ^2/NDF : 42053.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -96.085 ± 0.091 χ^2/NDF : 23858.0/14

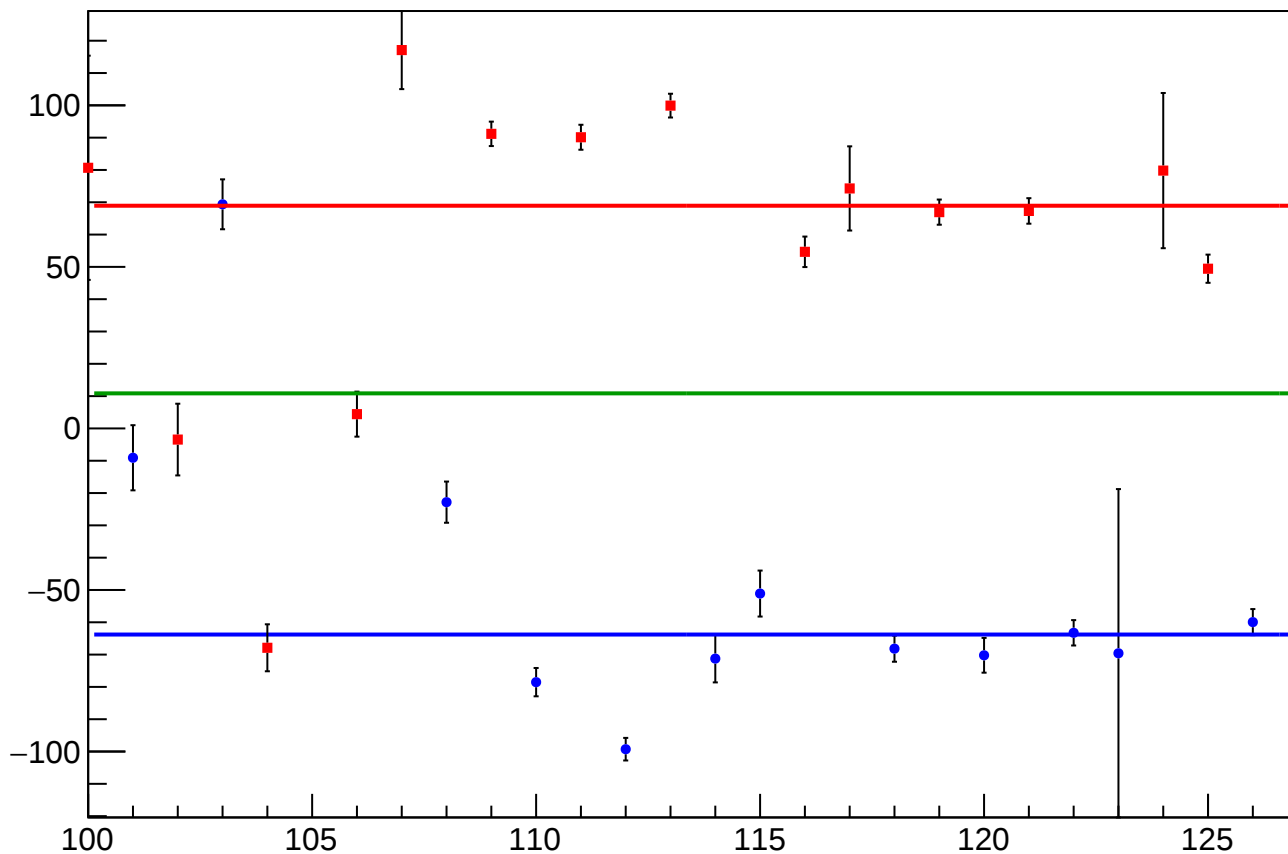
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

100.530 ± 0.104 χ^2/NDF : 42053.5/11

-10.776 ± 0.069 χ^2/NDF : 2071994.3/26

-96.085 ± 0.091 χ^2/NDF : 23858.0/14

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -63.792 $\pm$ 1.498 χ^2 /NDF: 490.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.928 $\pm$ 1.321 χ^2 /NDF: 671.8/14

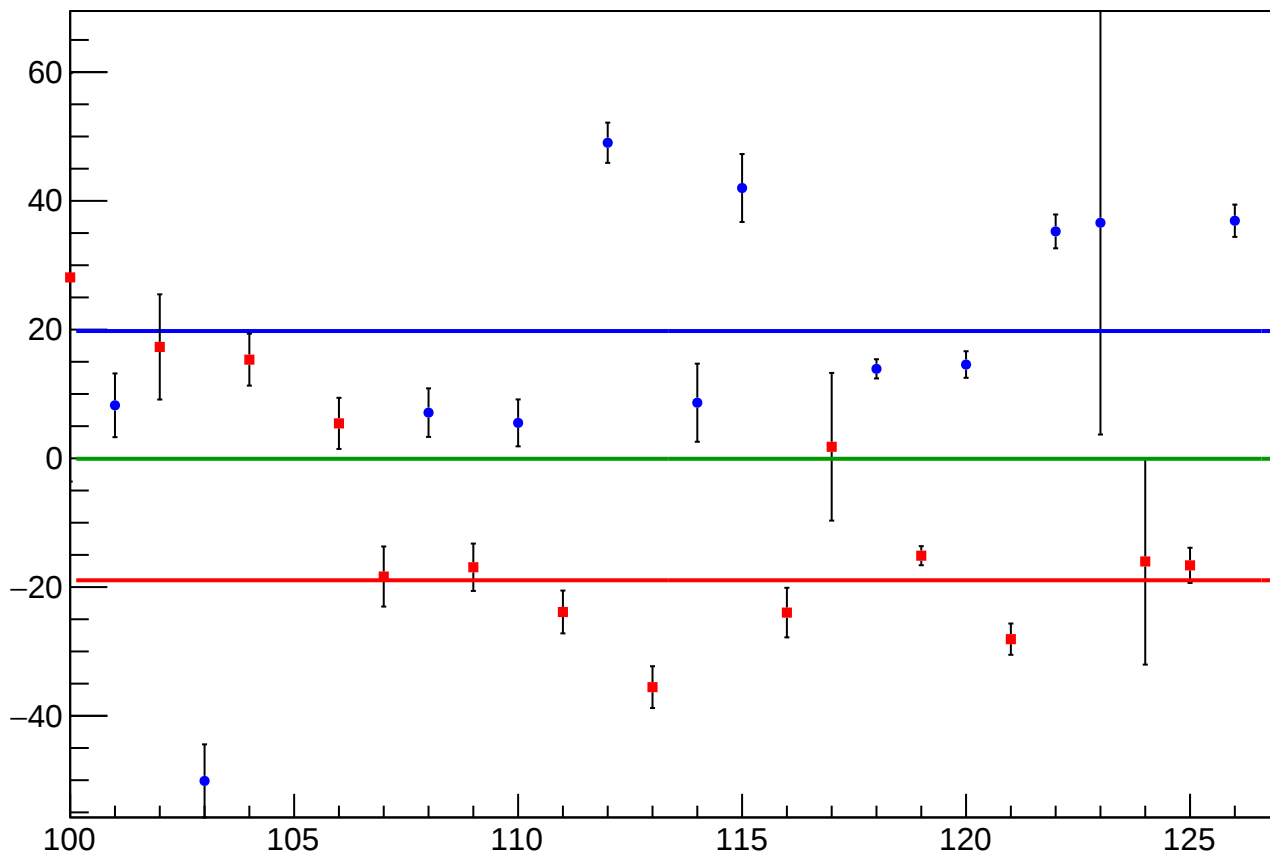
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-63.792 $\pm$ 1.498 χ^2 /NDF: 490.1/11

10.853 $\pm$ 0.991 χ^2 /NDF: 5576.7/26

68.928 $\pm$ 1.321 χ^2 /NDF: 671.8/14

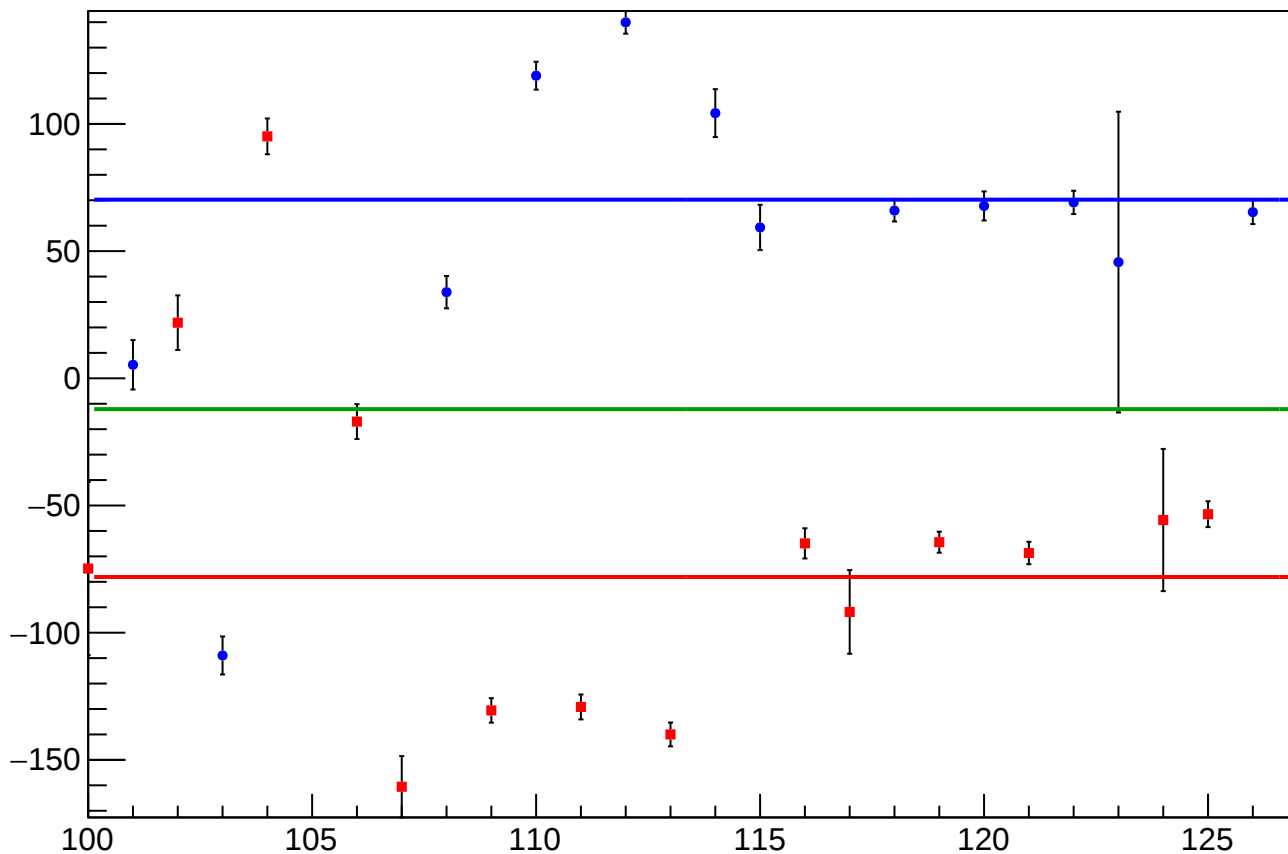
reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.781+/-0.854 χ^2/NDF : 395.5/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -18.942+/-0.833 χ^2/NDF : 234.3/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.781+/-0.854 χ^2/NDF : 395.5/11
 -0.066+/-0.596 χ^2/NDF : 1682.7/26
 -18.942+/-0.833 χ^2/NDF : 234.3/14

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.230+/-1.717 χ^2/NDF : 994.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.105+/-1.537 χ^2/NDF : 1271.3/14

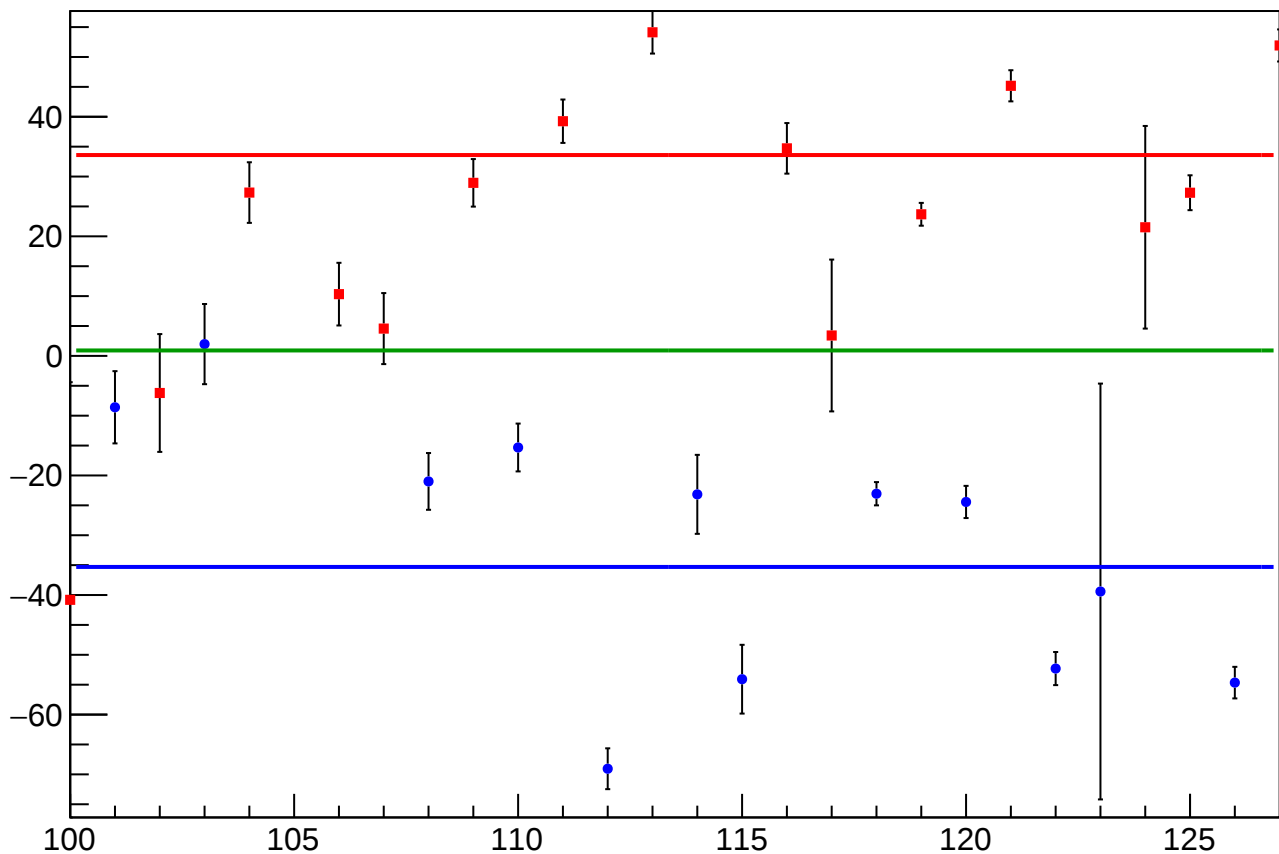
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.230+/-1.717 χ^2/NDF : 994.1/11

-12.119+/-1.145 χ^2/NDF : 6410.4/26

-78.105+/-1.537 χ^2/NDF : 1271.3/14

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.302 ± 1.014 χ^2/NDF : 343.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 33.598 ± 0.964 χ^2/NDF : 207.0/14

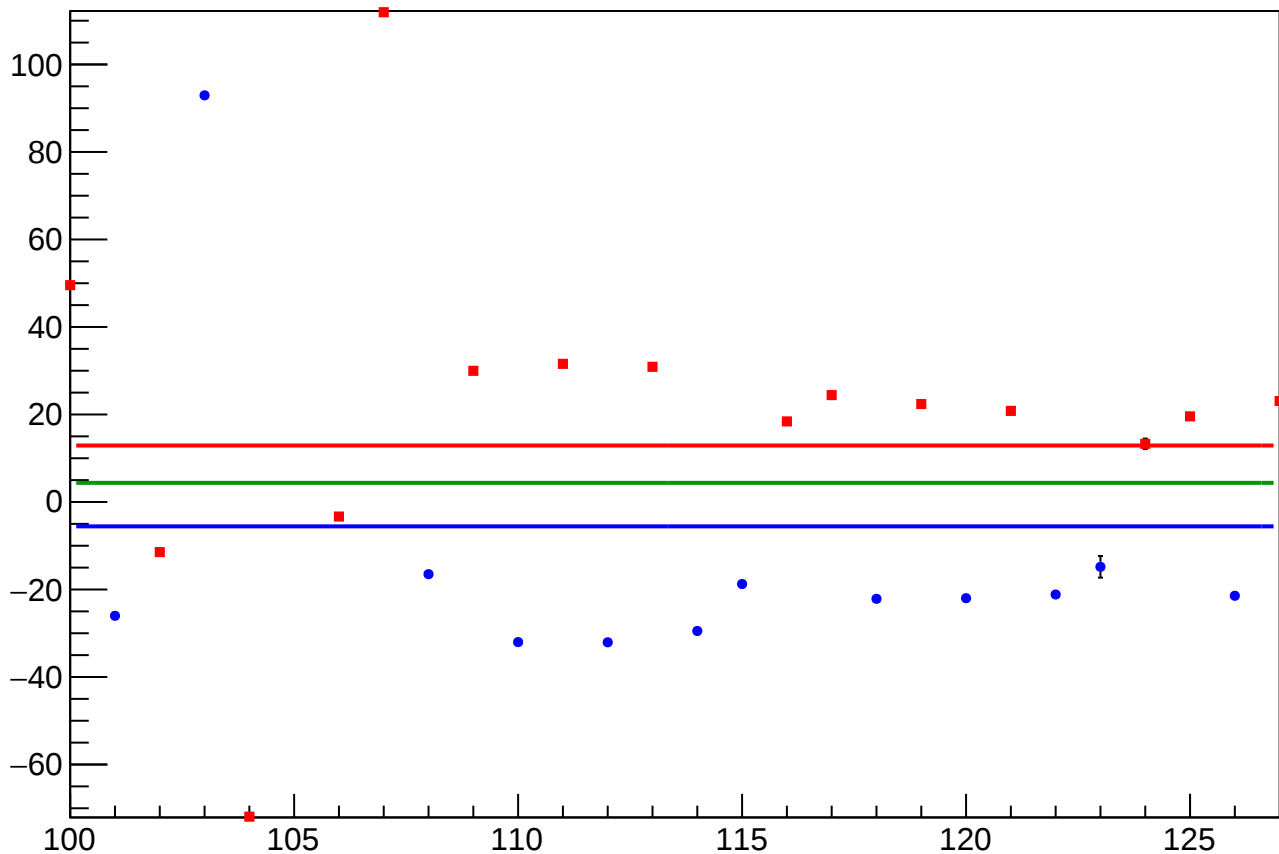
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-35.302 ± 1.014 χ^2/NDF : 343.5/11

0.910 ± 0.699 χ^2/NDF : 2976.0/26

33.598 ± 0.964 χ^2/NDF : 207.0/14

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.571+/-0.064 χ^2/NDF : 411505.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.910+/-0.060 χ^2/NDF : 401700.9/14

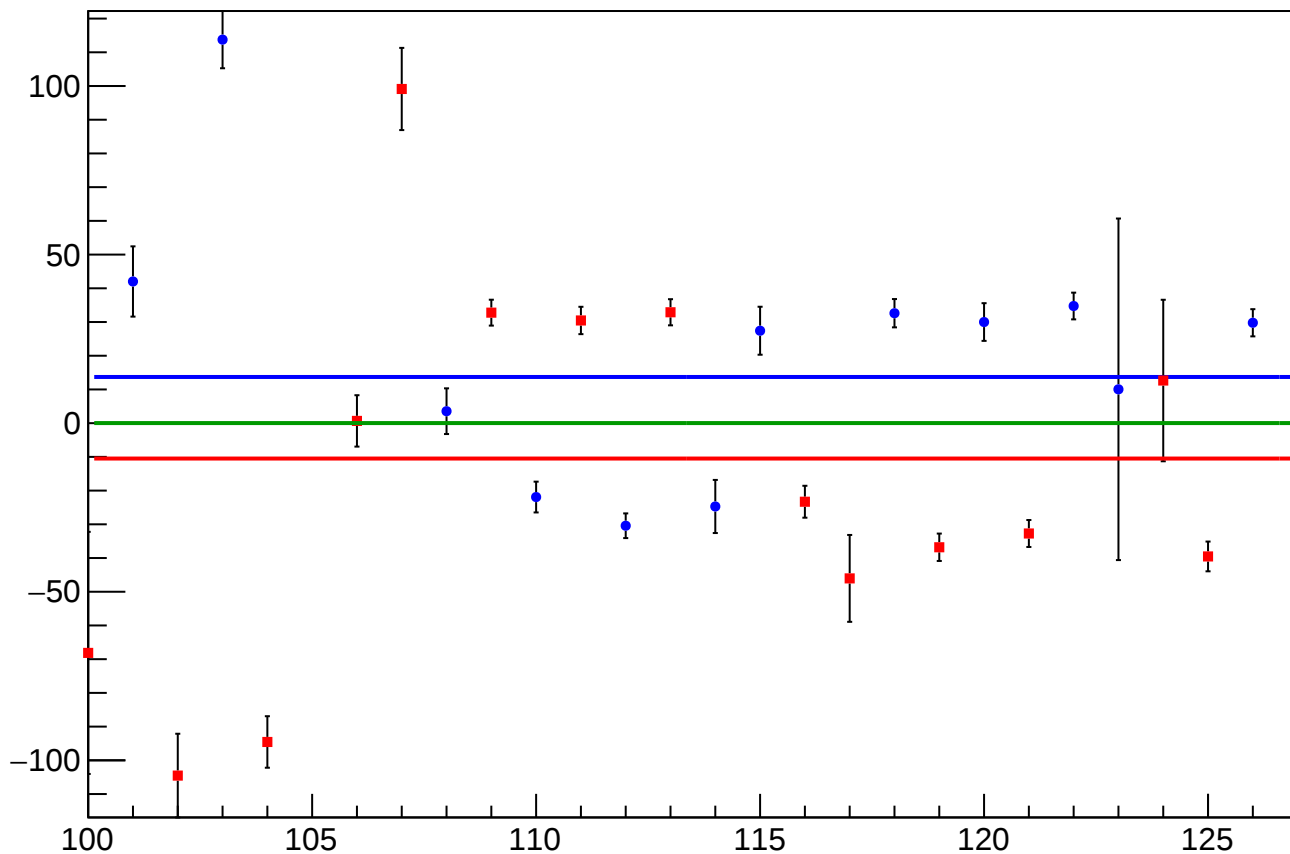
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.571+/-0.064 χ^2/NDF : 411505.5/11

4.377+/-0.044 χ^2/NDF : 857653.3/26

12.910+/-0.060 χ^2/NDF : 401700.9/14

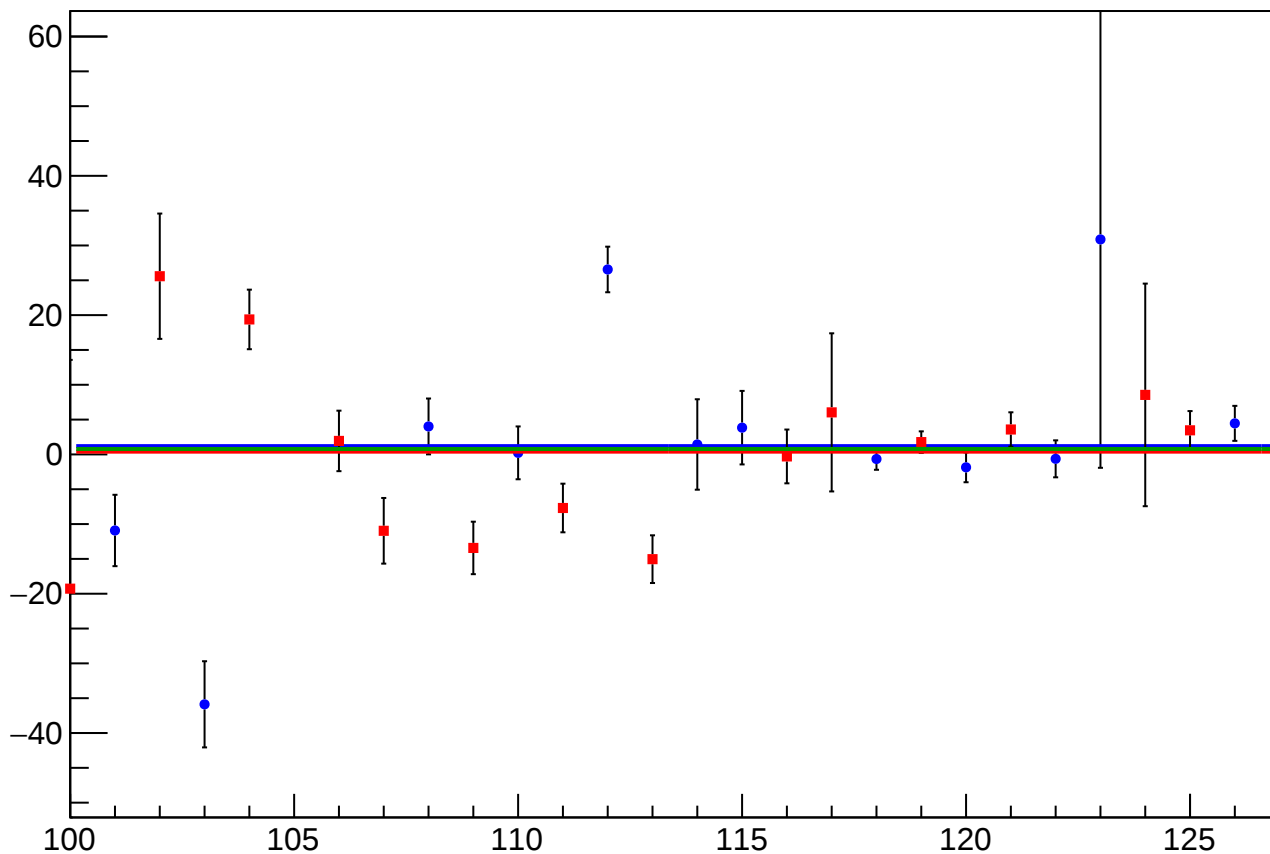
reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 13.701+/-1.548 χ^2/NDF : 455.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -10.493+/-1.358 χ^2/NDF : 801.8/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.701+/-1.548 χ^2/NDF : 455.0/11
 0.028+/-1.021 χ^2/NDF : 1394.8/26
 -10.493+/-1.358 χ^2/NDF : 801.8/14

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.191+/-0.882 χ^2/NDF : 108.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.400+/-0.859 χ^2/NDF : 79.0/14

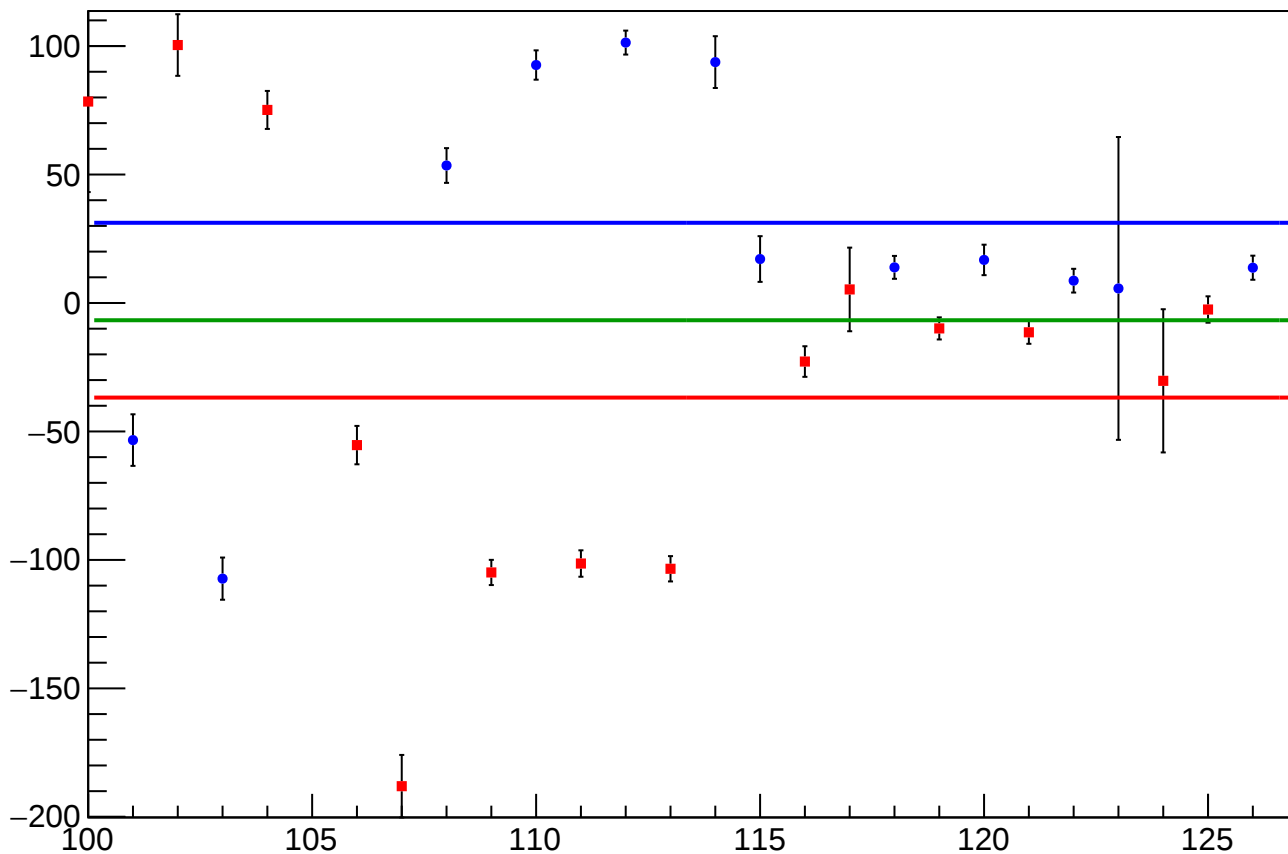
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.191+/-0.882 χ^2/NDF : 108.8/11

0.785+/-0.615 χ^2/NDF : 188.2/26

0.400+/-0.859 χ^2/NDF : 79.0/14

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.218+/-1.776 χ^2/NDF : 808.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.815+/-1.582 χ^2/NDF : 1246.7/14

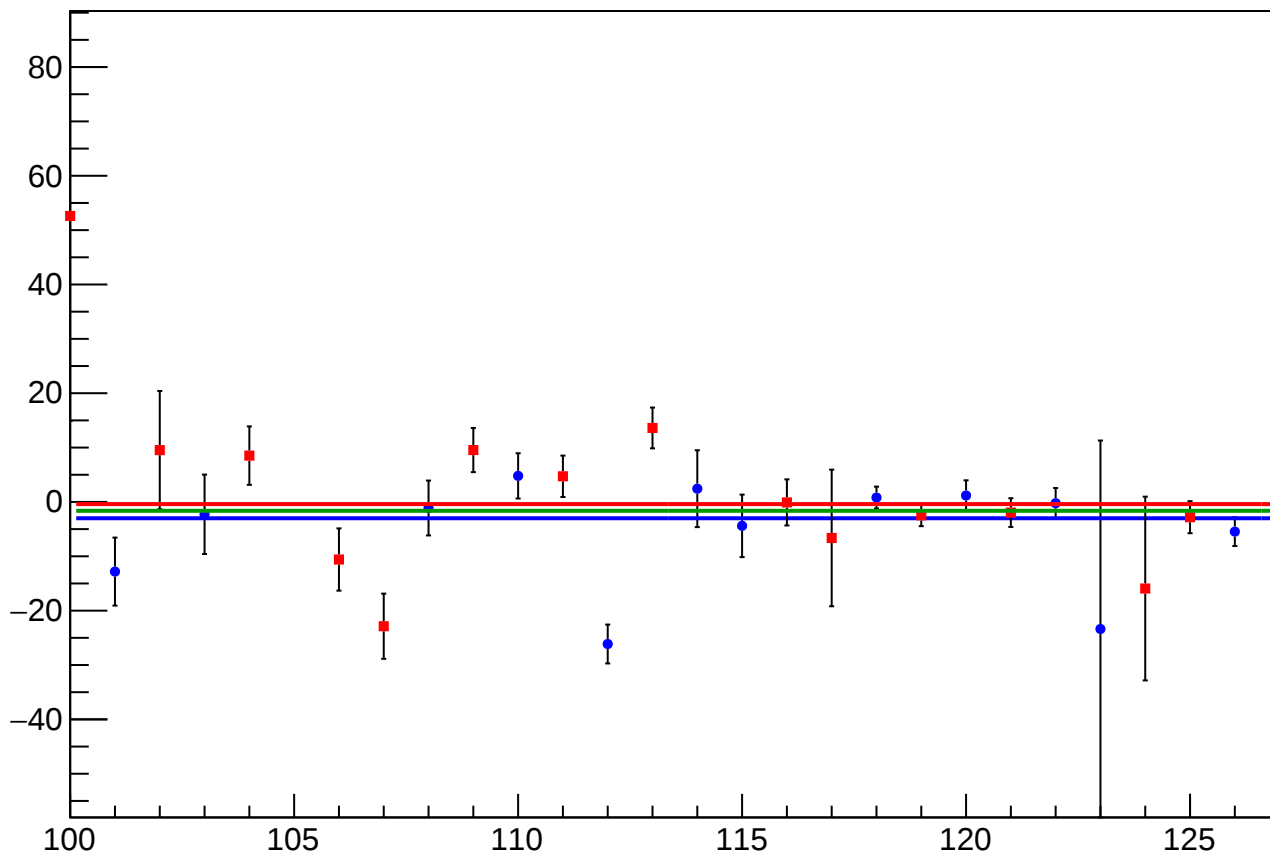
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.218+/-1.776 χ^2/NDF : 808.4/11

-6.714+/-1.181 χ^2/NDF : 2873.7/26

-36.815+/-1.582 χ^2/NDF : 1246.7/14

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.002 ± 1.045 χ^2/NDF : 56.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.398 ± 0.991 χ^2/NDF : 48.5/14

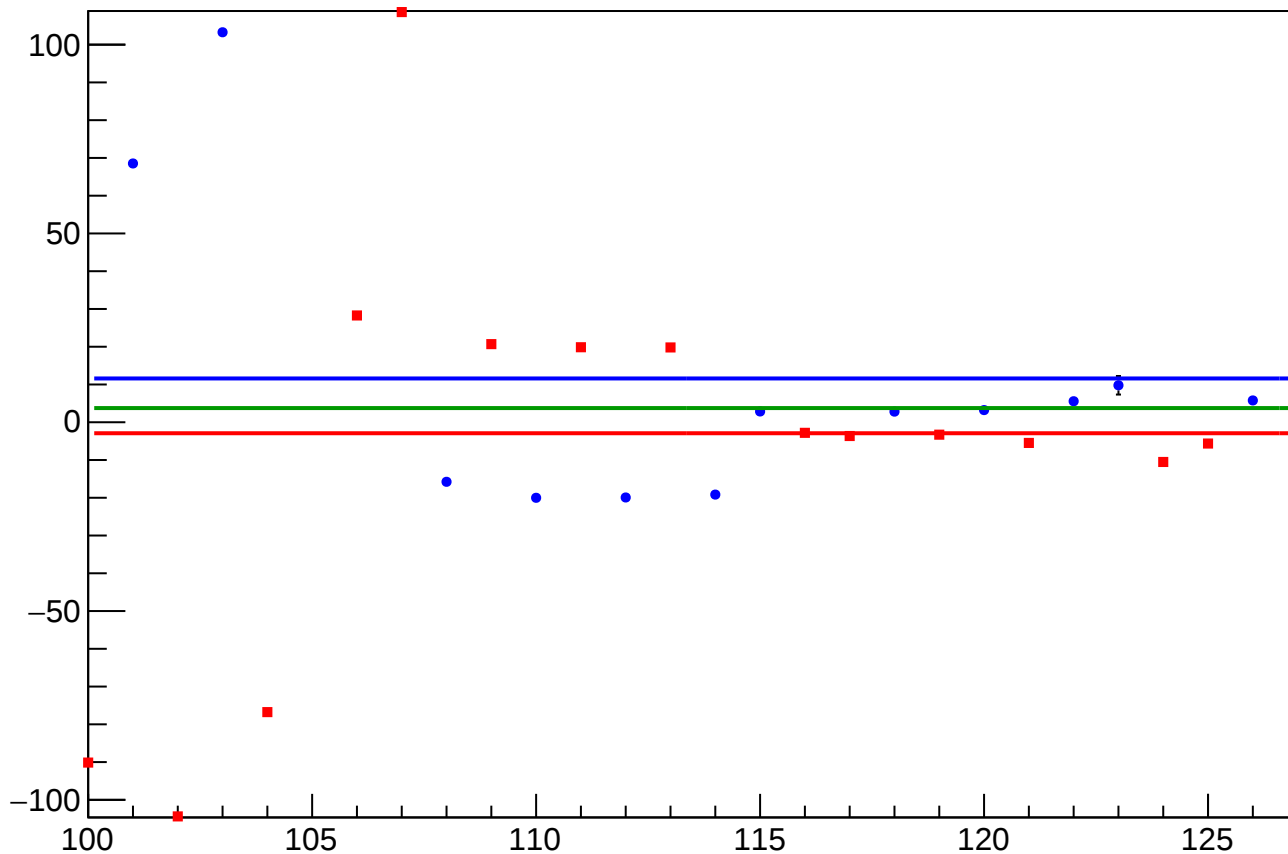
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.002 ± 1.045 χ^2/NDF : 56.6/11

-1.631 ± 0.719 χ^2/NDF : 108.4/26

-0.398 ± 0.991 χ^2/NDF : 48.5/14

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.596 ± 0.067 $\chi^2/\text{NDF}: 349012.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.910 ± 0.062 $\chi^2/\text{NDF}: 510279.0/14$

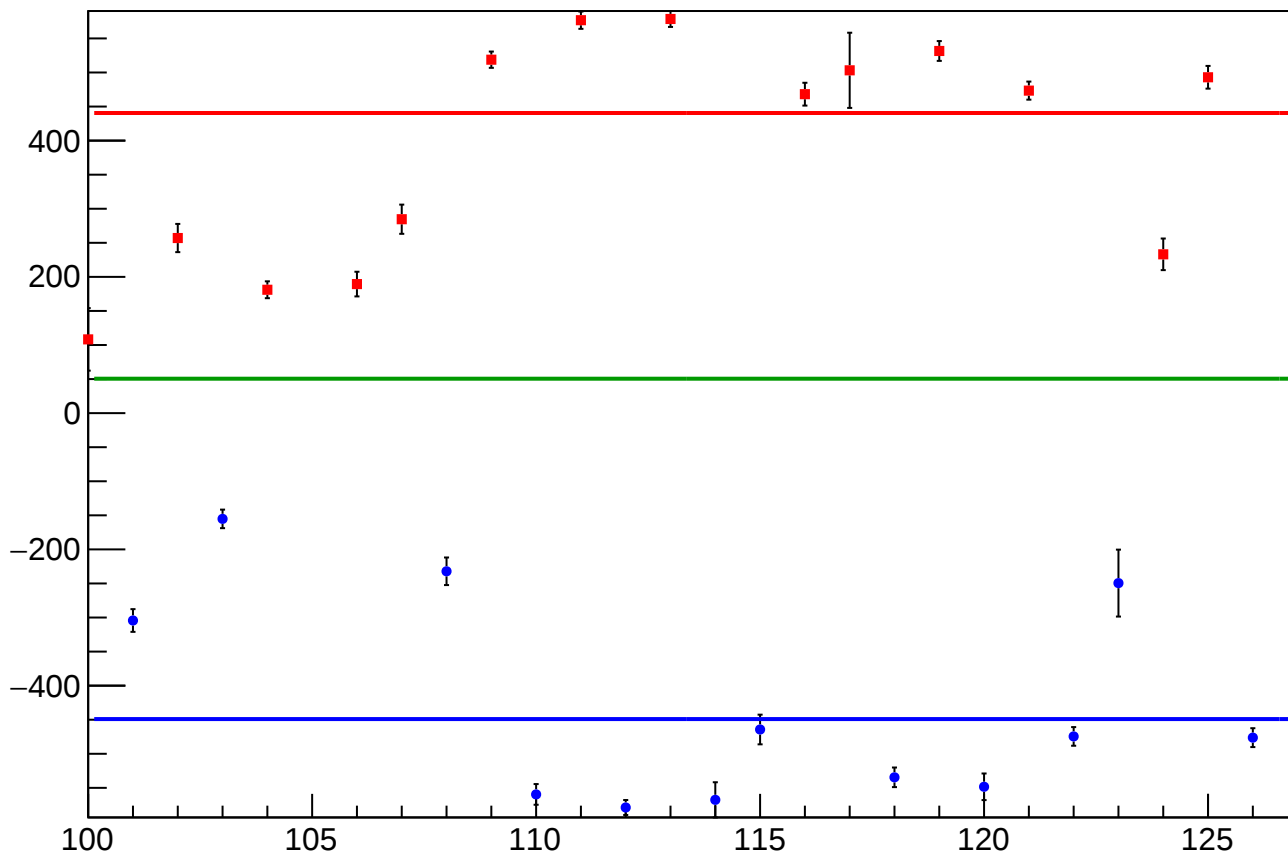
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

11.596 ± 0.067 $\chi^2/\text{NDF}: 349012.6/11$

3.754 ± 0.046 $\chi^2/\text{NDF}: 884488.8/26$

-2.910 ± 0.062 $\chi^2/\text{NDF}: 510279.0/14$

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -449.034+/-4.658 χ^2/NDF : 955.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.540+/-4.115 χ^2/NDF : 1299.3/14

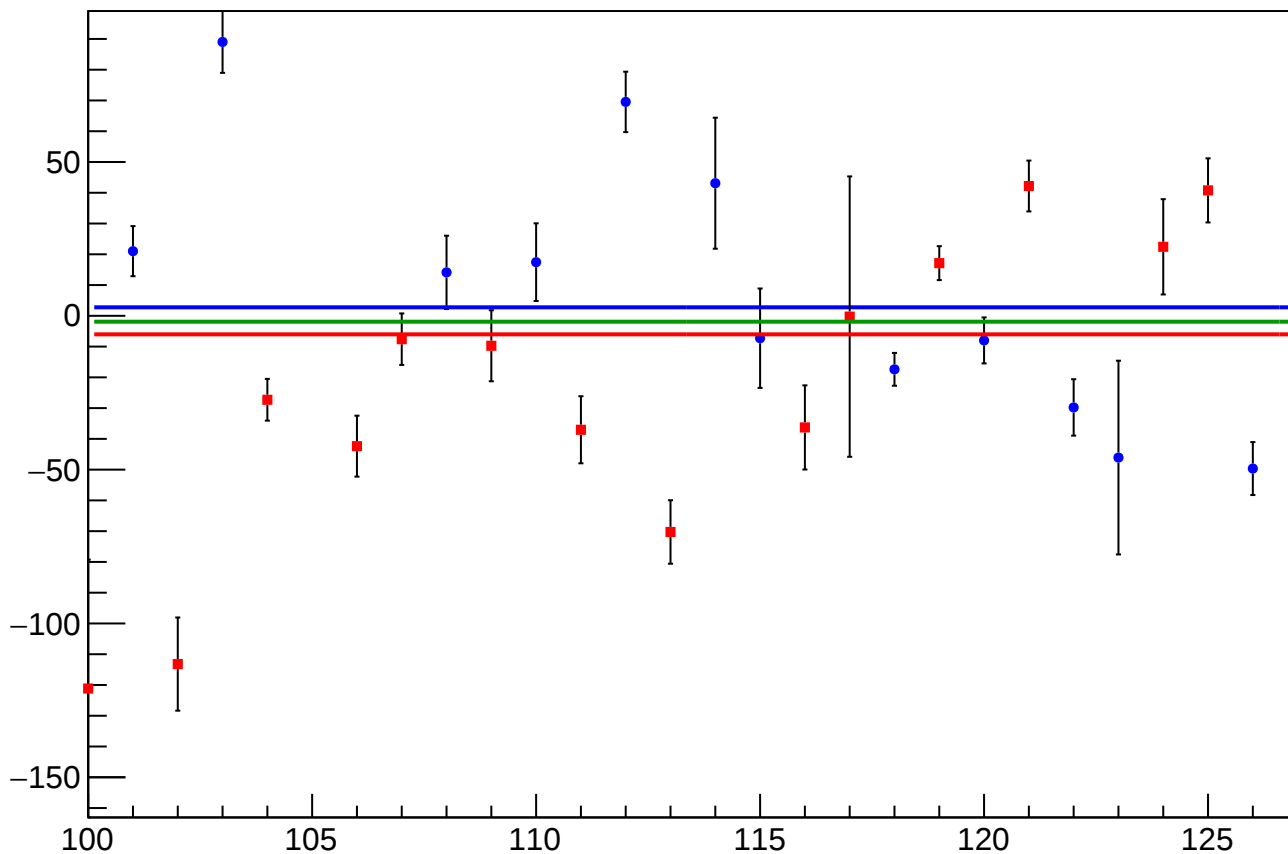
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-449.034+/-4.658 χ^2/NDF : 955.7/11

50.549+/-3.084 χ^2/NDF : 22739.9/26

440.540+/-4.115 χ^2/NDF : 1299.3/14

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.766+/-2.731 χ^2/NDF : 199.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.021+/-2.560 χ^2/NDF : 226.9/14

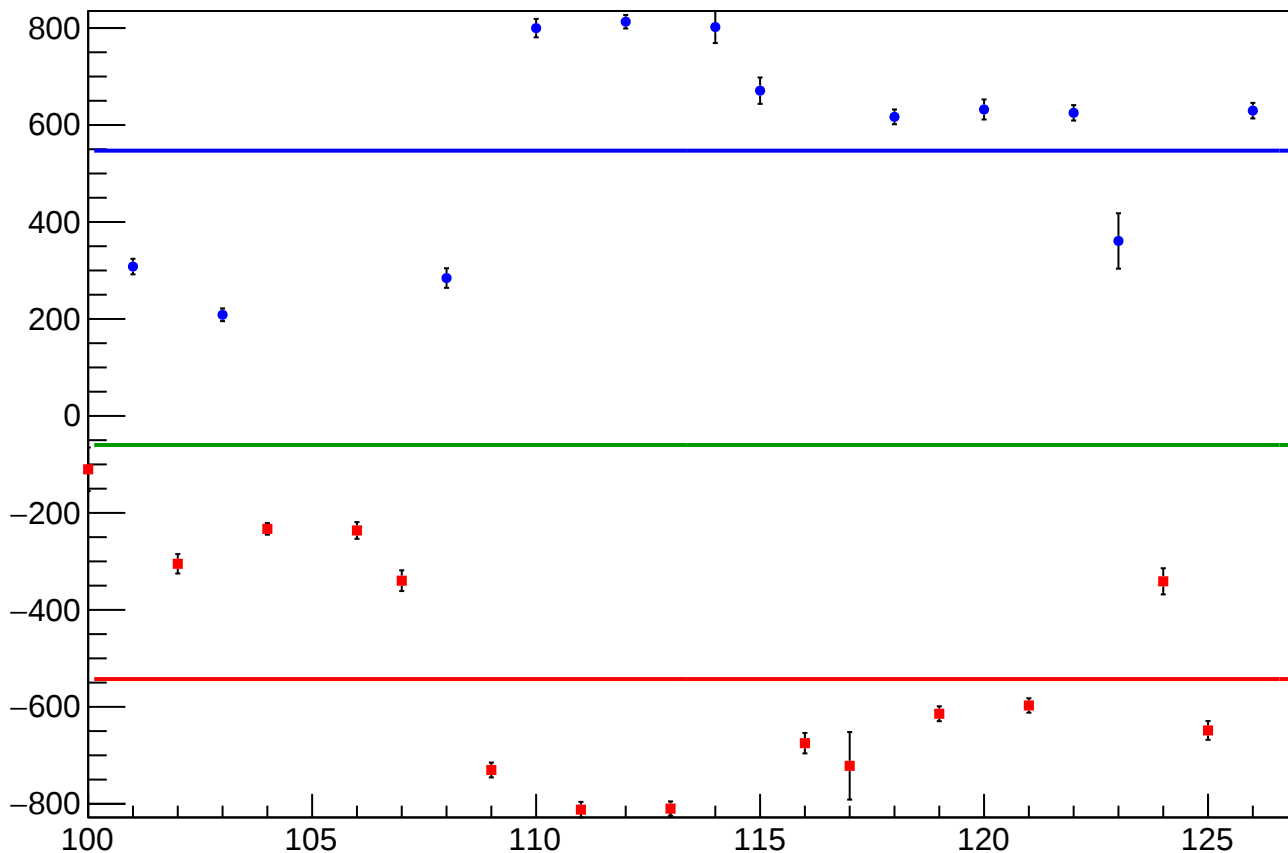
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.766+/-2.731 χ^2/NDF : 199.5/11

-1.911+/-1.868 χ^2/NDF : 432.0/26

-6.021+/-2.560 χ^2/NDF : 226.9/14

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 547.147+/-5.201 χ^2/NDF : 1769.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -542.676+/-4.638 χ^2/NDF : 2311.2/14

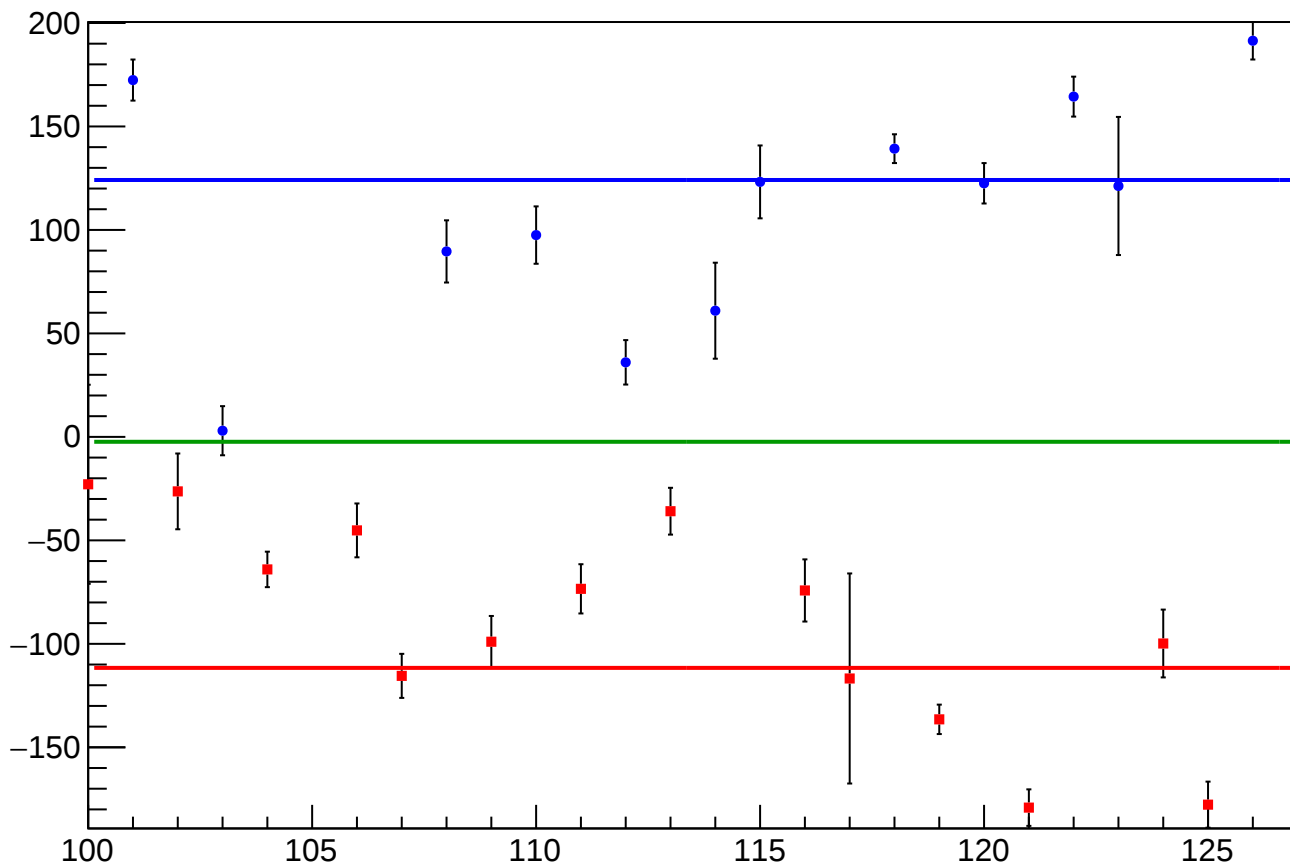
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

547.147+/-5.201 χ^2/NDF : 1769.6/11

-59.923+/-3.462 χ^2/NDF : 28536.0/26

-542.676+/-4.638 χ^2/NDF : 2311.2/14

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 124.131 $\pm$ 3.234 χ^2 /NDF: 288.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.618 $\pm$ 3.006 χ^2 /NDF: 288.2/14

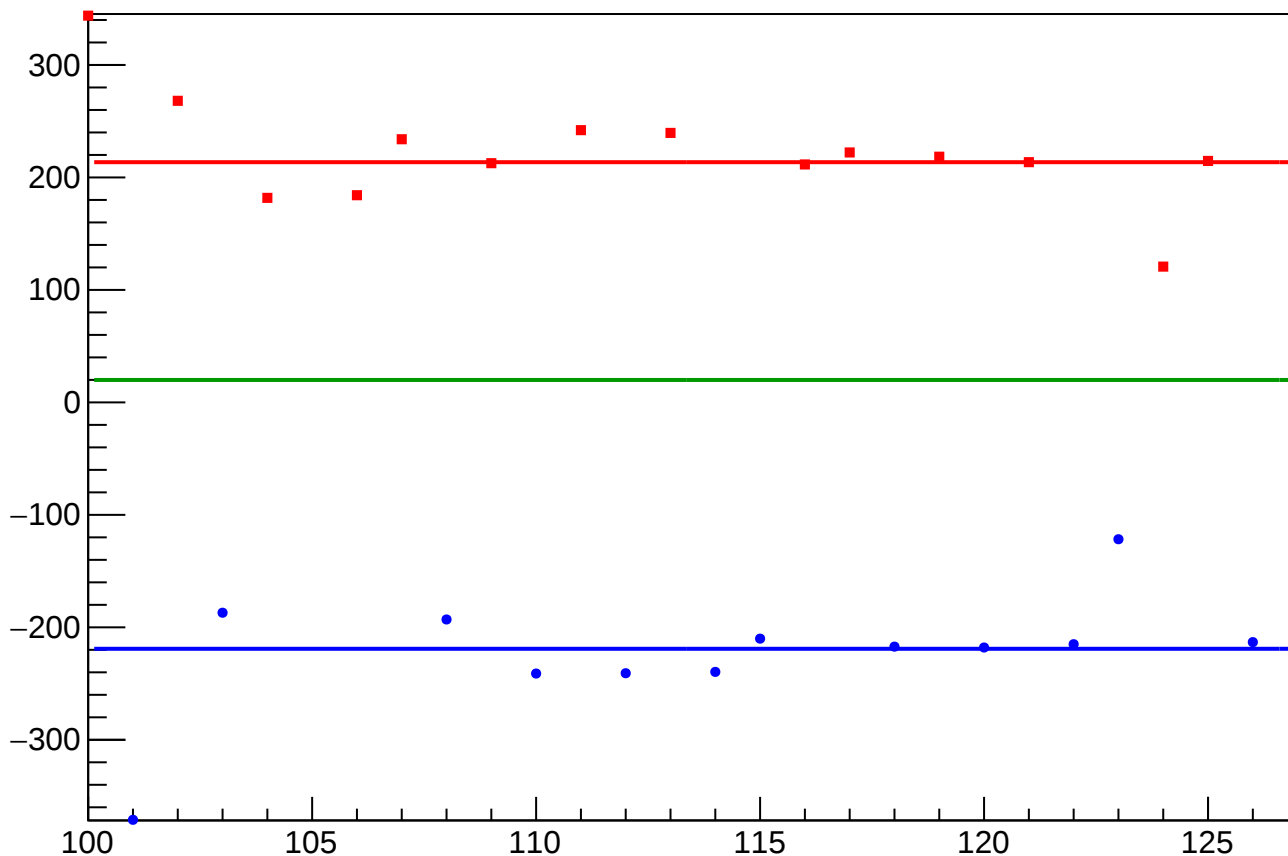
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

124.131 $\pm$ 3.234 χ^2 /NDF: 288.9/11

-2.367 $\pm$ 2.202 χ^2 /NDF: 3428.3/26

-111.618 $\pm$ 3.006 χ^2 /NDF: 288.2/14

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.076+/-0.177 χ^2/NDF : 87778.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.563+/-0.159 χ^2/NDF : 46869.7/14

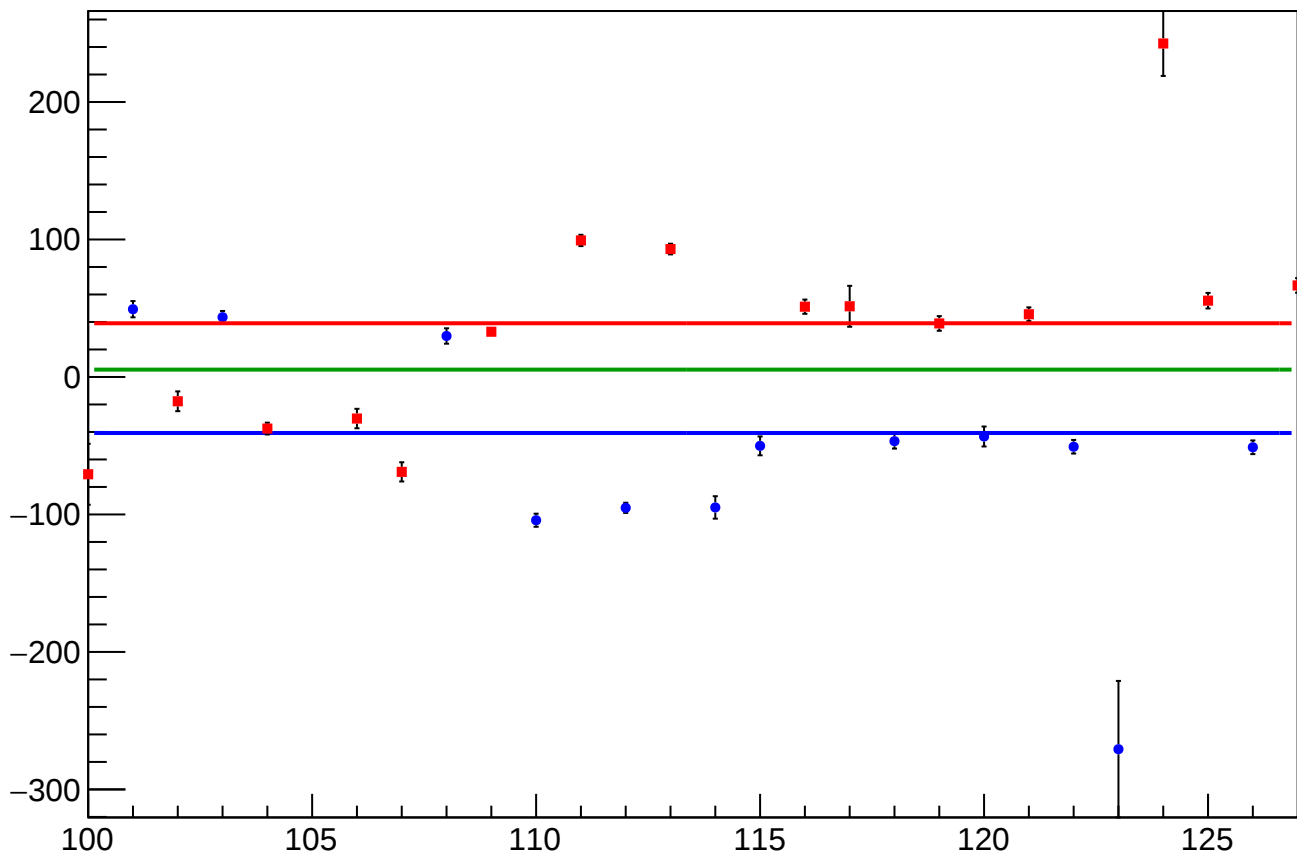
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-219.076+/-0.177 χ^2/NDF : 87778.6/11

19.936+/-0.118 χ^2/NDF : 3448365.0/26

213.563+/-0.159 χ^2/NDF : 46869.7/14

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -40.745 ± 1.585 $\chi^2/\text{NDF}: 1209.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 39.064 ± 1.356 $\chi^2/\text{NDF}: 1270.0/14$

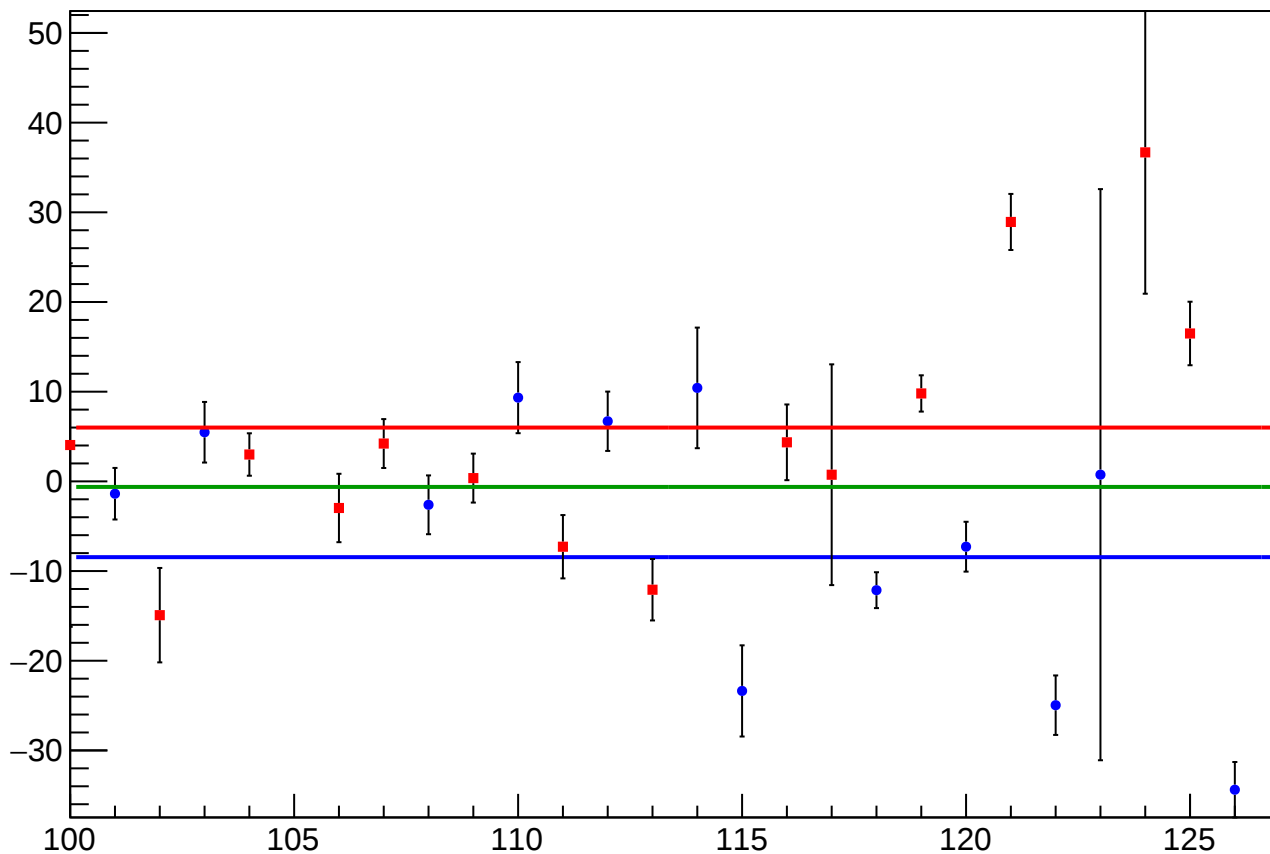
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-40.745 ± 1.585 $\chi^2/\text{NDF}: 1209.6/11$

5.362 ± 1.030 $\chi^2/\text{NDF}: 3943.5/26$

39.064 ± 1.356 $\chi^2/\text{NDF}: 1270.0/14$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.450+/-0.956 χ^2/NDF : 182.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.999+/-0.879 χ^2/NDF : 164.6/14

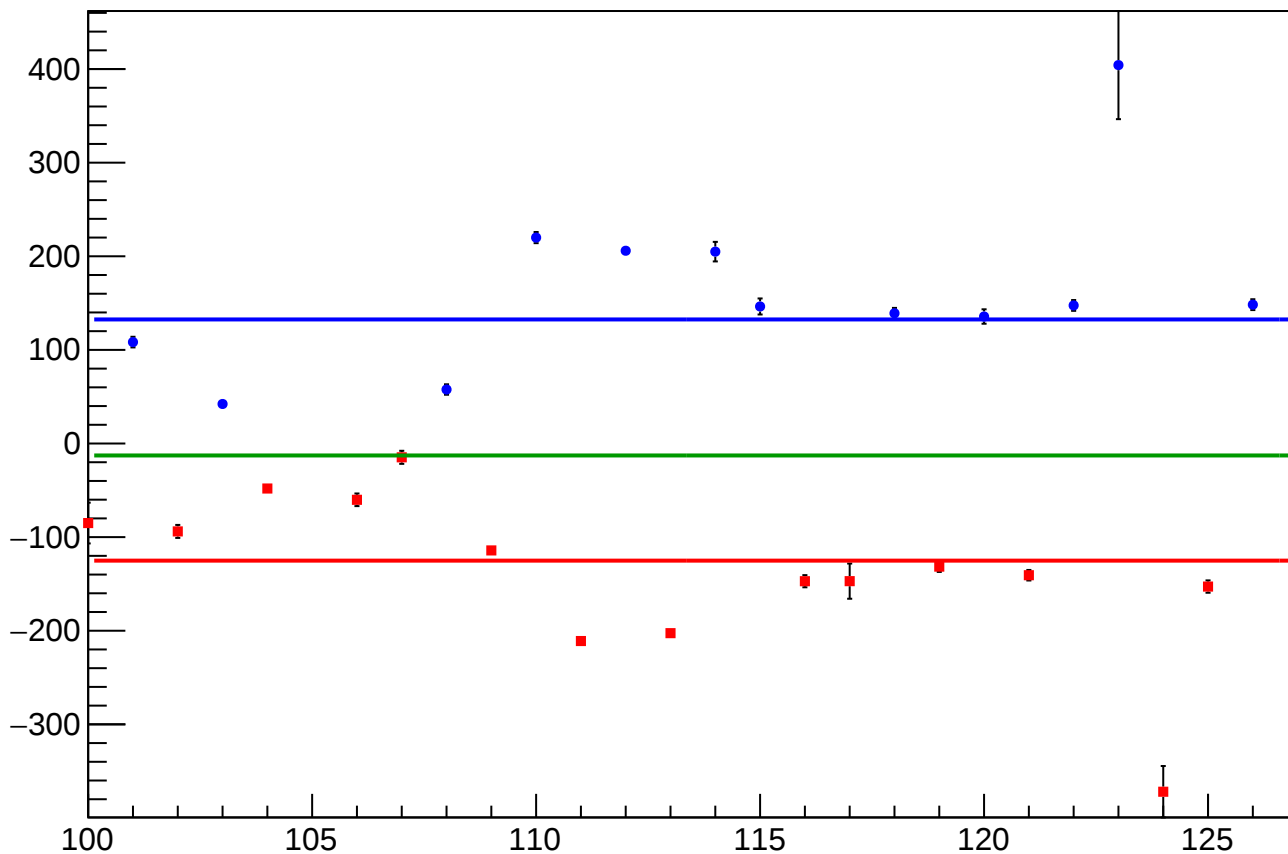
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.450+/-0.956 χ^2/NDF : 182.6/11

-0.620+/-0.647 χ^2/NDF : 470.9/26

5.999+/-0.879 χ^2/NDF : 164.6/14

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.525+/-1.771 χ^2/NDF : 1171.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -125.115+/-1.557 χ^2/NDF : 1399.0/14

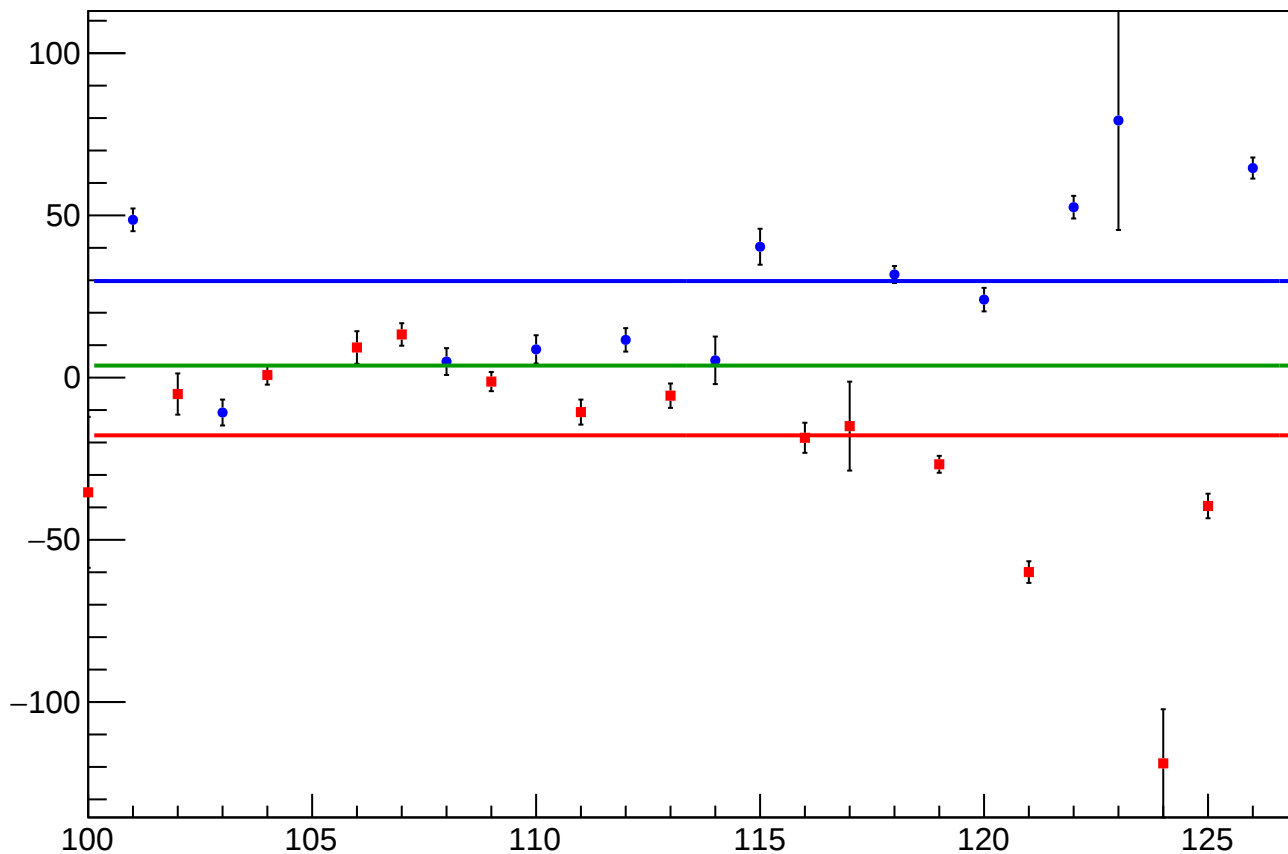
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.525+/-1.771 χ^2/NDF : 1171.2/11

-12.770+/-1.169 χ^2/NDF : 14505.6/26

-125.115+/-1.557 χ^2/NDF : 1399.0/14

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.762 $\pm$ 1.130 χ^2 /NDF: 393.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.795 $\pm$ 1.026 χ^2 /NDF: 514.1/14

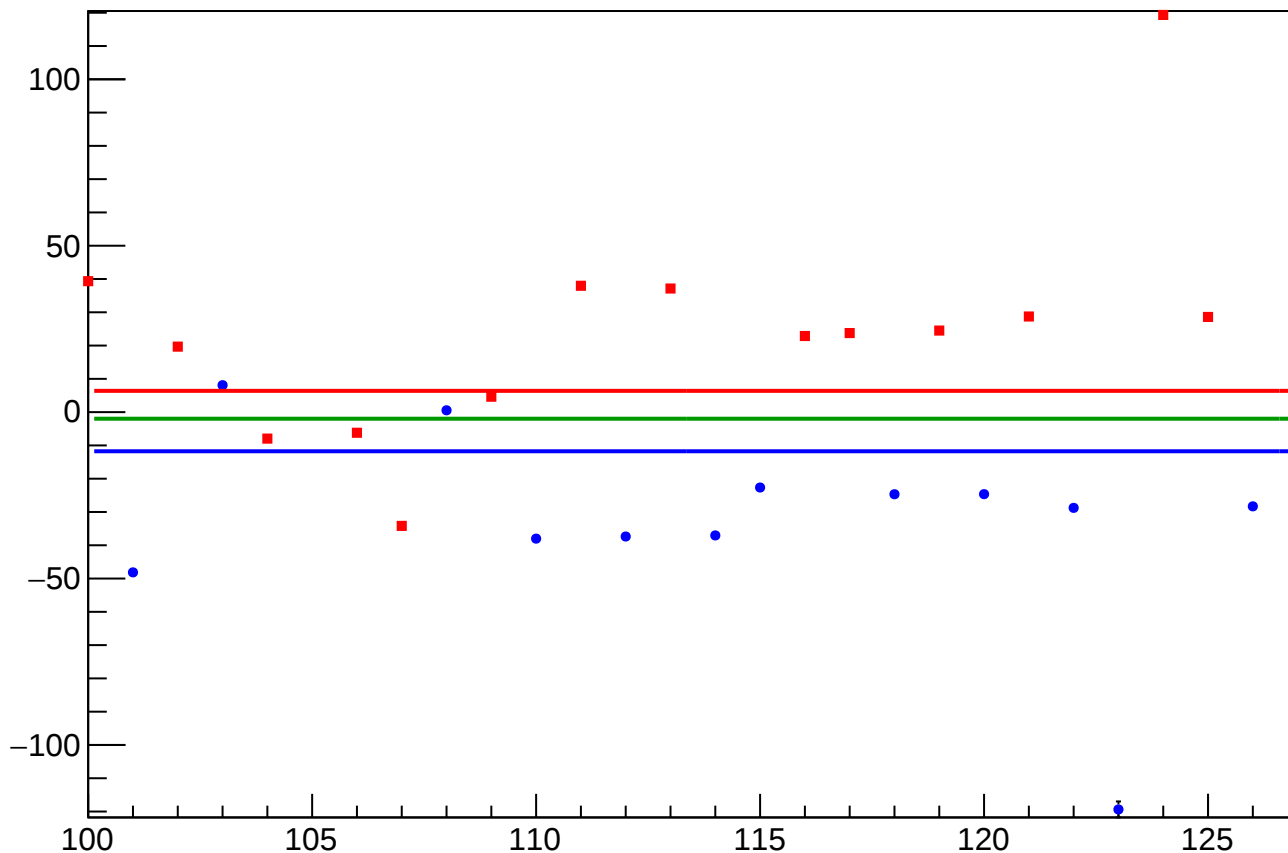
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

29.762 $\pm$ 1.130 χ^2 /NDF: 393.9/11

3.711 $\pm$ 0.760 χ^2 /NDF: 1878.8/26

-17.795 $\pm$ 1.026 χ^2 /NDF: 514.1/14

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.756+/-0.058 χ^2/NDF : 123102.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.396+/-0.054 χ^2/NDF : 170217.1/14

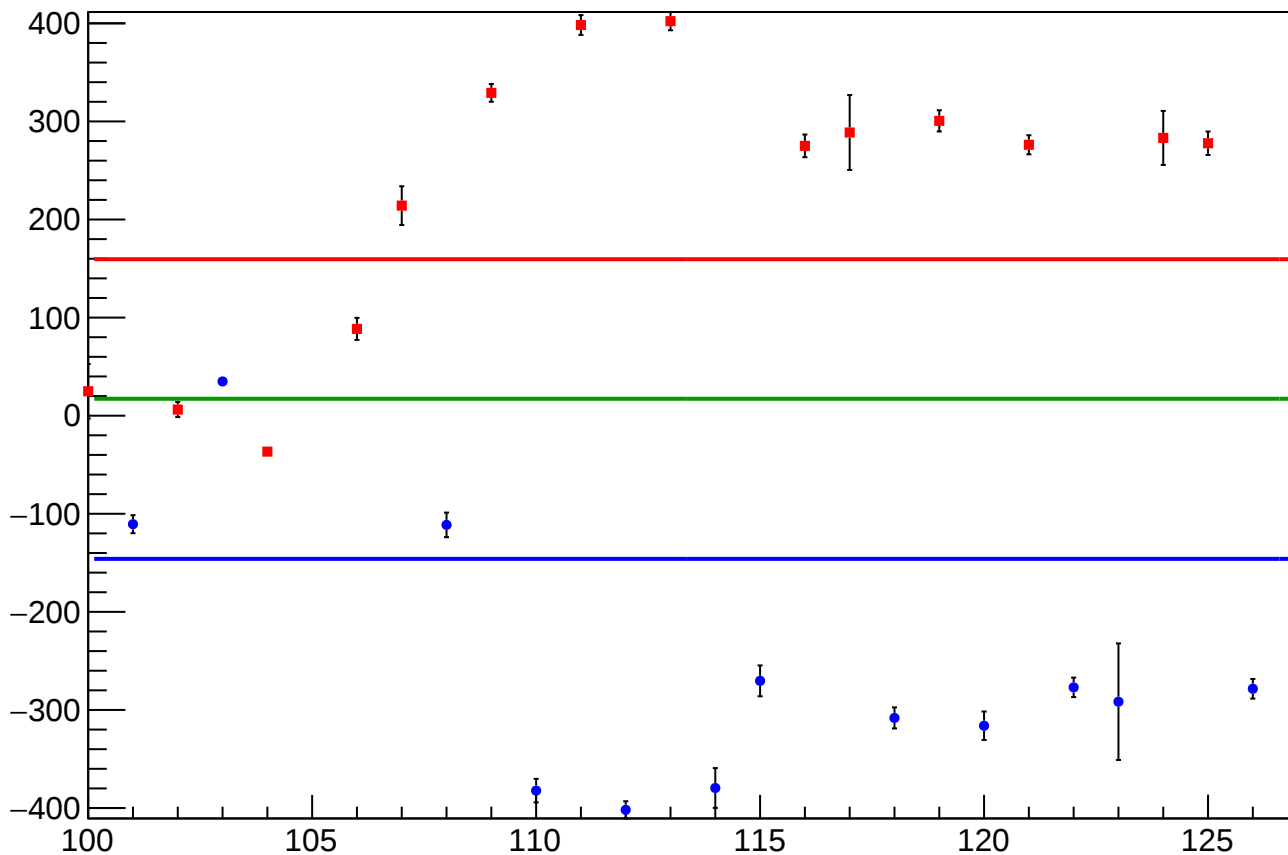
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.756+/-0.058 χ^2/NDF : 123102.7/11

-1.977+/-0.040 χ^2/NDF : 345466.2/26

6.396+/-0.054 χ^2/NDF : 170217.1/14

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -145.971+/-2.717 χ^2/NDF : 4043.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.505+/-2.537 χ^2/NDF : 4726.6/14

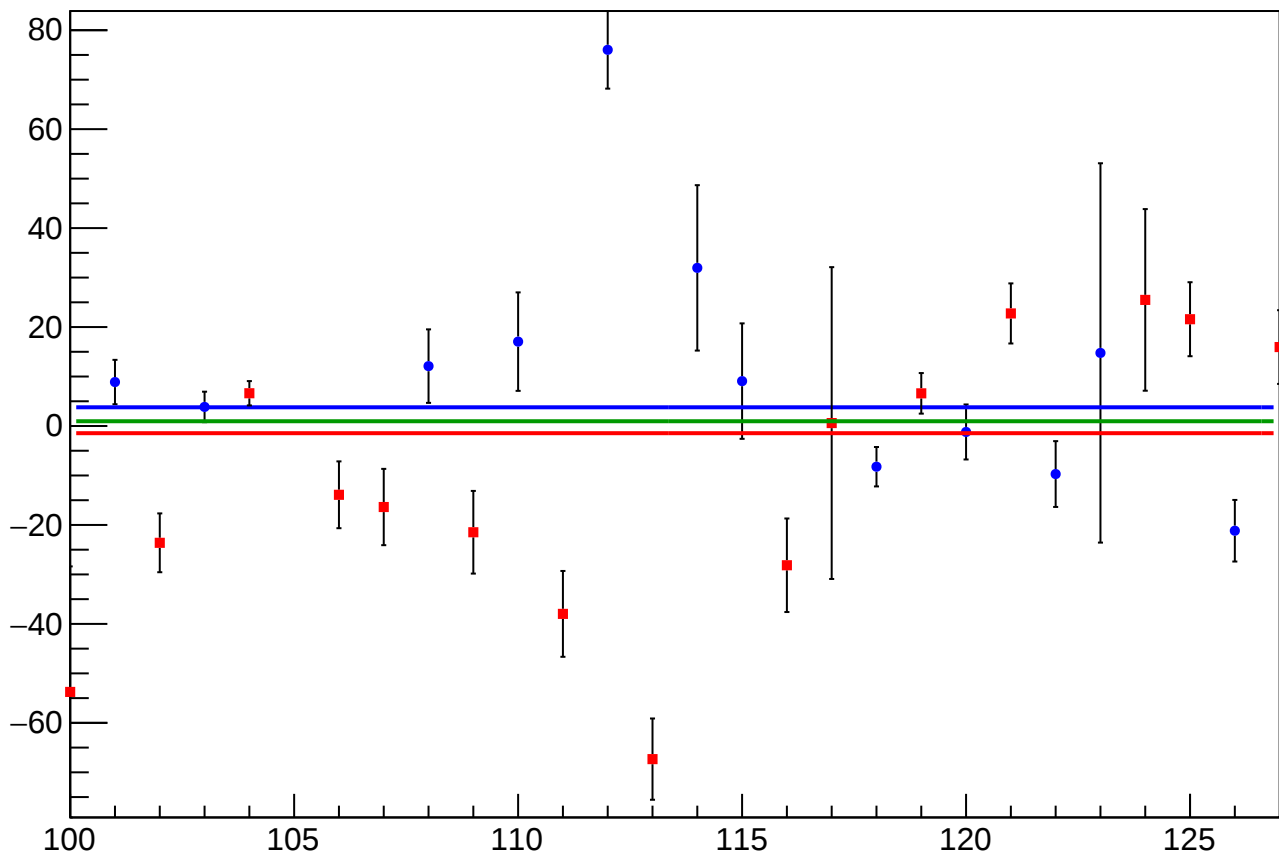
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-145.971+/-2.717 χ^2/NDF : 4043.8/11

17.250+/-1.854 χ^2/NDF : 15522.3/26

159.505+/-2.537 χ^2/NDF : 4726.6/14

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.782 $\pm$ 1.678 χ^2 /NDF: 122.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.453 $\pm$ 1.554 χ^2 /NDF: 168.7/14

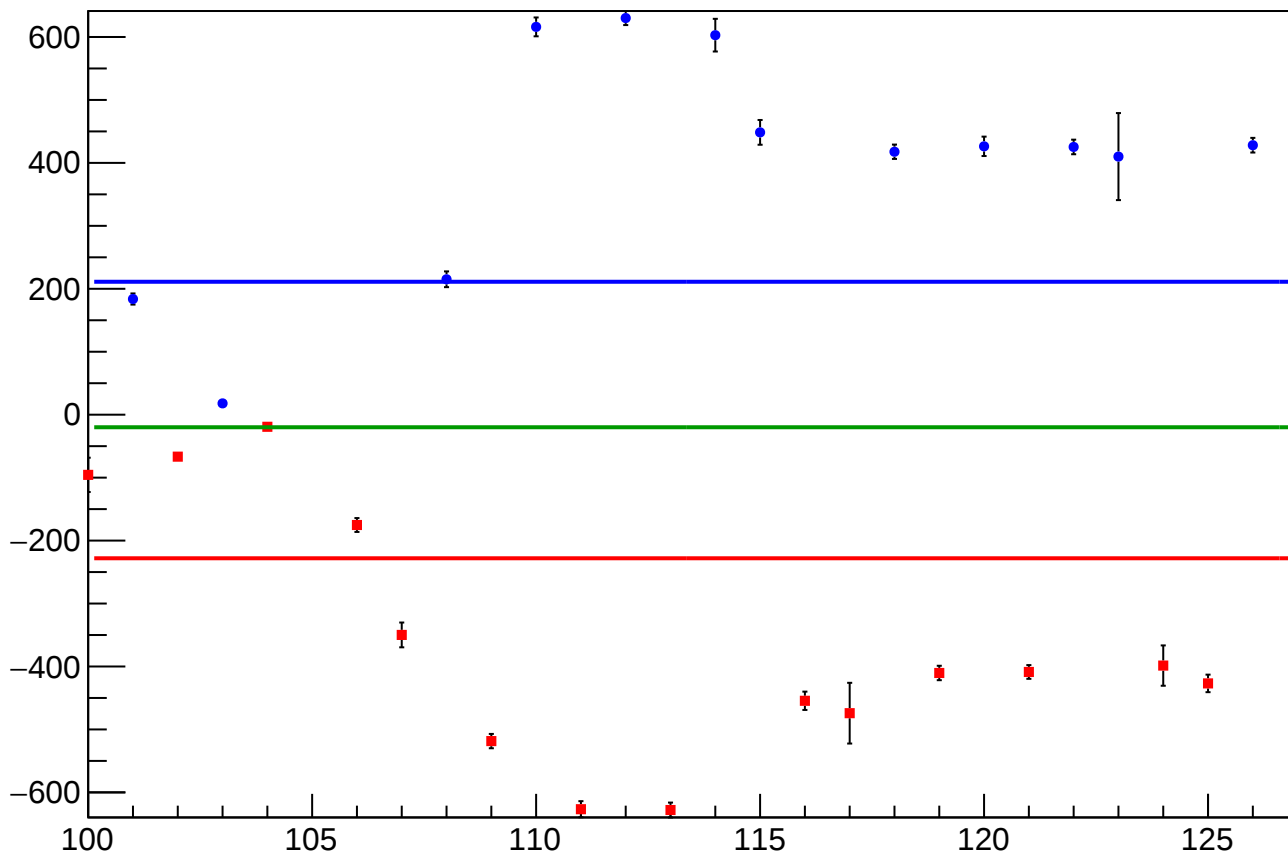
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.782 $\pm$ 1.678 χ^2 /NDF: 122.4/11

0.963 $\pm$ 1.140 χ^2 /NDF: 296.3/26

-1.453 $\pm$ 1.554 χ^2 /NDF: 168.7/14

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 211.168+/-2.845 χ^2/NDF : 6017.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.096+/-2.700 χ^2/NDF : 7020.2/14

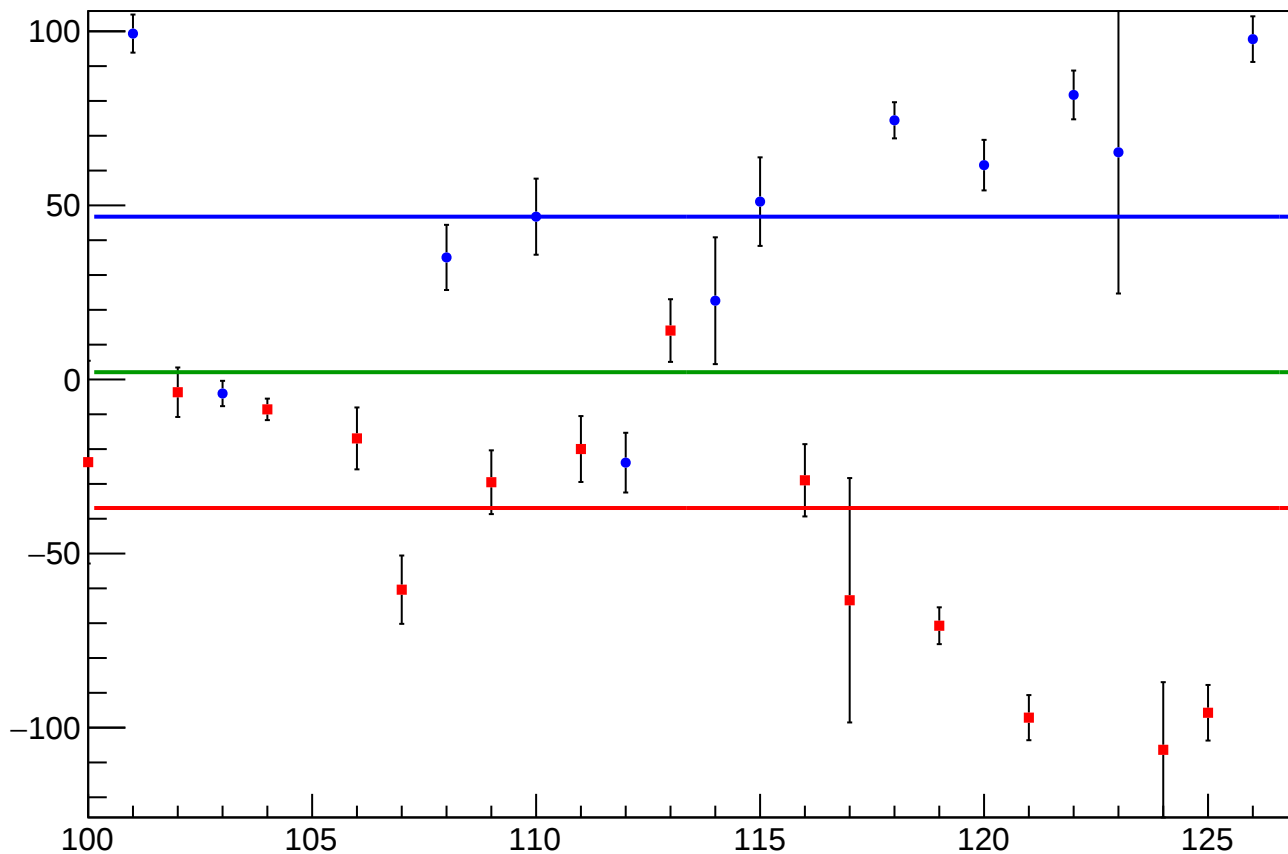
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

211.168+/-2.845 χ^2/NDF : 6017.3/11

-19.958+/-1.958 χ^2/NDF : 25583.0/26

-228.096+/-2.700 χ^2/NDF : 7020.2/14

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.760 $\pm$ 1.992 χ^2/NDF : 476.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -36.917 $\pm$ 1.862 χ^2/NDF : 395.5/14

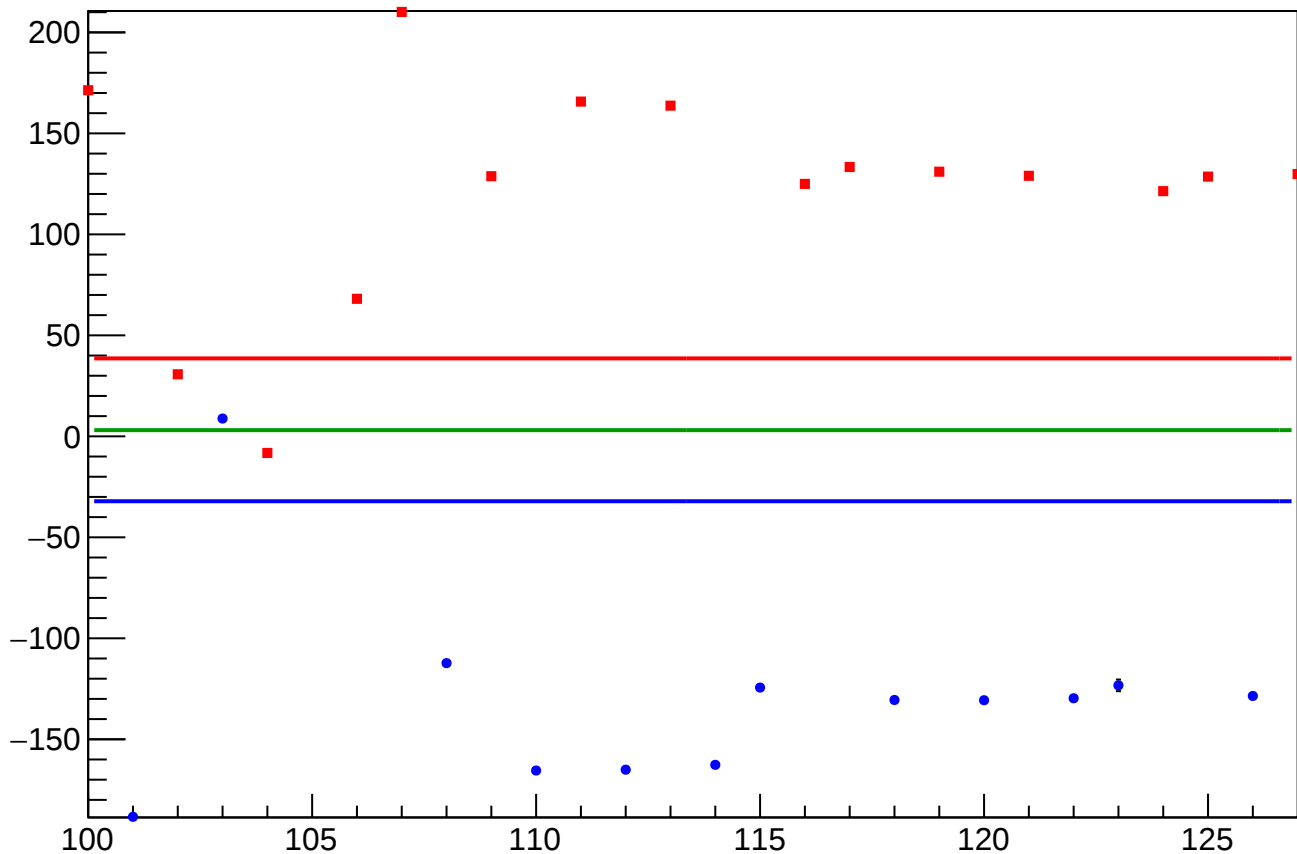
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

46.760 $\pm$ 1.992 χ^2/NDF : 476.9/11

2.095 $\pm$ 1.360 χ^2/NDF : 1814.0/26

-36.917 $\pm$ 1.862 χ^2/NDF : 395.5/14

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -32.138+/-0.078 χ^2/NDF : 789584.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.587+/-0.078 χ^2/NDF : 644203.1/14

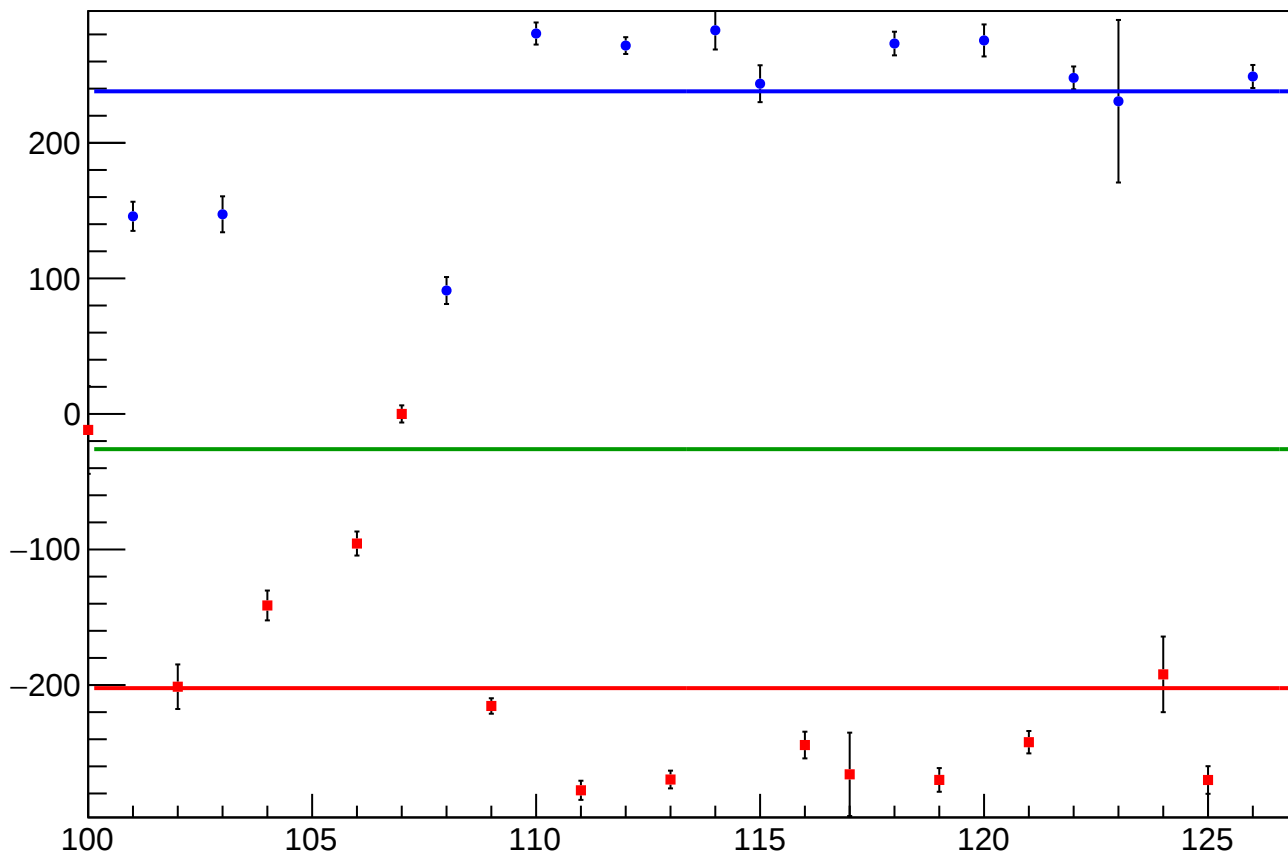
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.138+/-0.078 χ^2/NDF : 789584.9/11

3.054+/-0.055 χ^2/NDF : 1847442.8/26

38.587+/-0.078 χ^2/NDF : 644203.1/14

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 238.017+/-2.835 χ^2/NDF : 435.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.288+/-2.317 χ^2/NDF : 1693.0/14

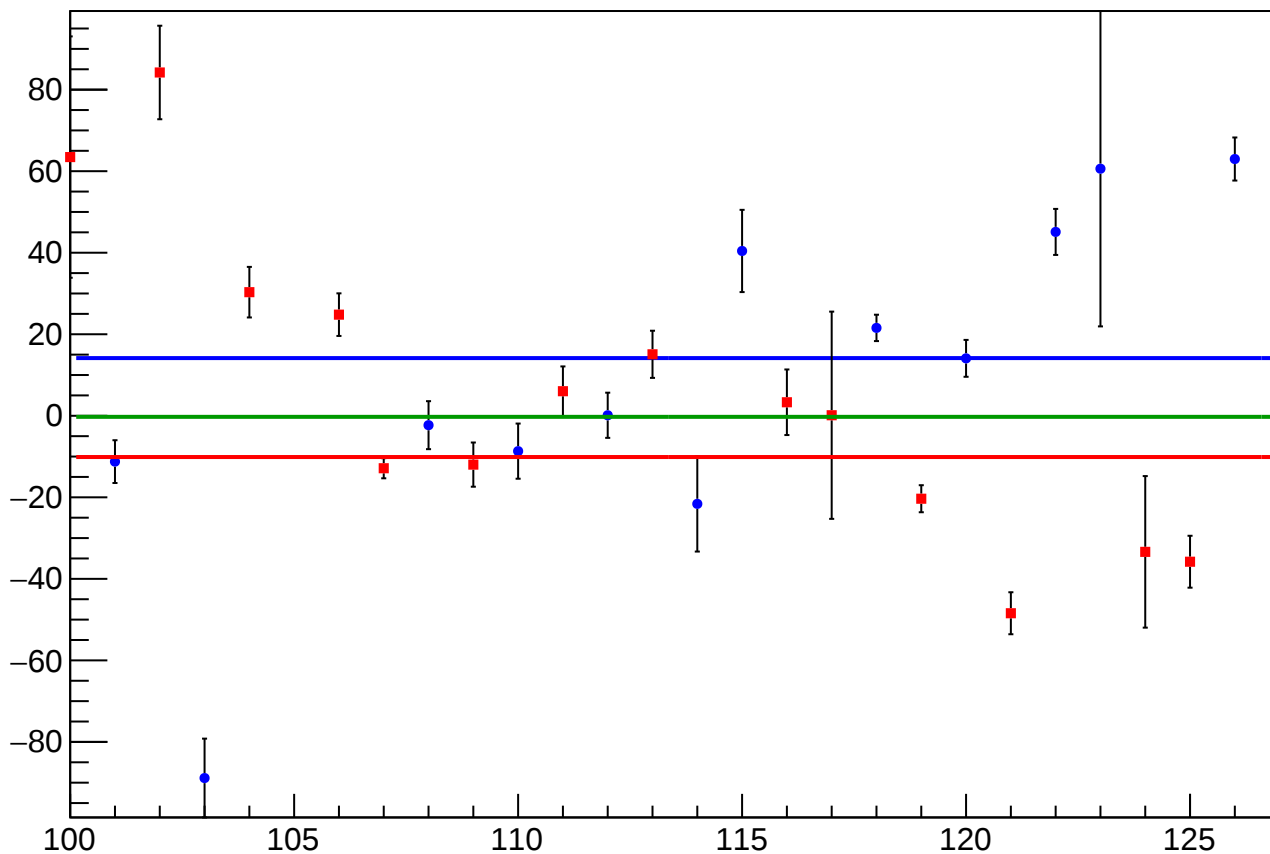
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

238.017+/-2.835 χ^2/NDF : 435.2/11

-25.974+/-1.794 χ^2/NDF : 16593.0/26

-202.288+/-2.317 χ^2/NDF : 1693.0/14

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.152+/-1.667 χ^2/NDF : 300.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.117+/-1.379 χ^2/NDF : 308.9/14

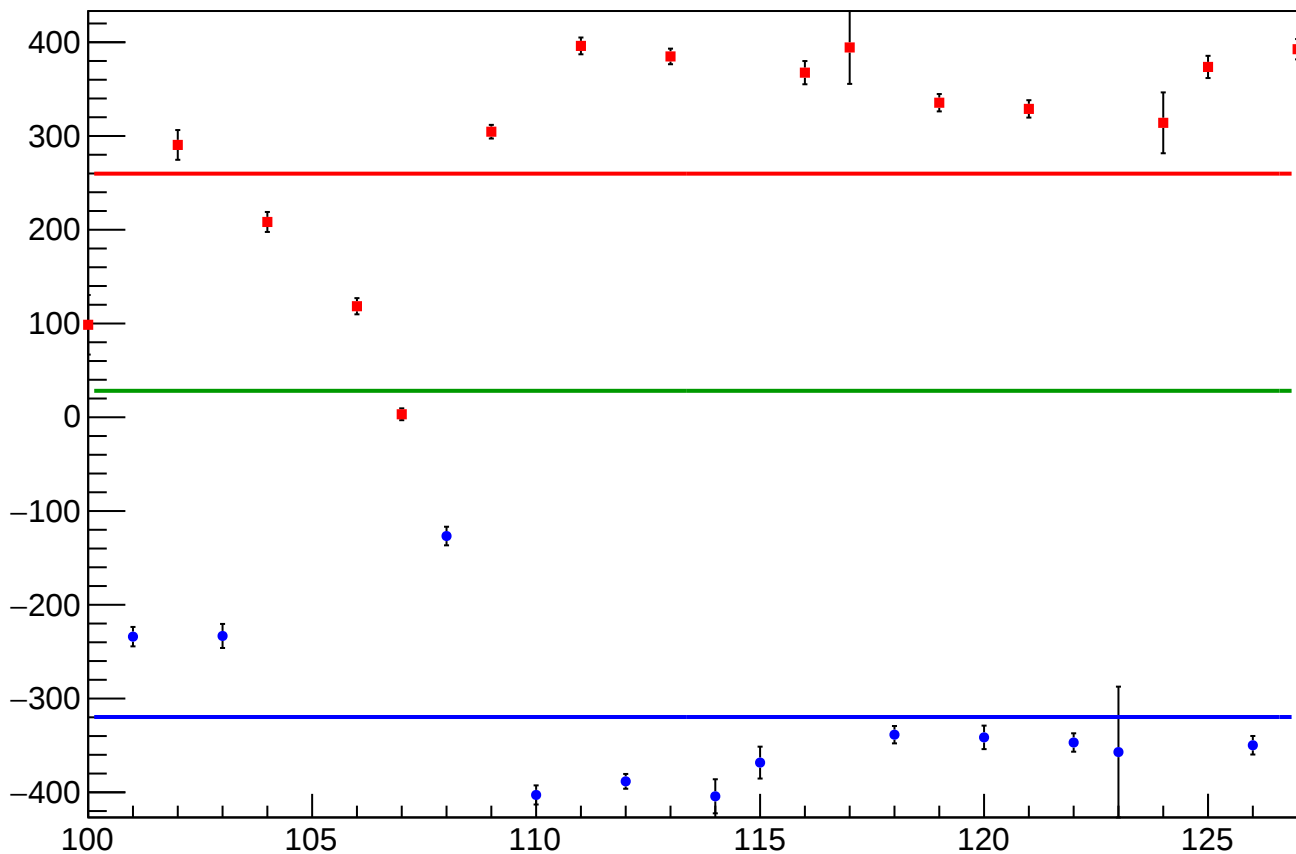
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.152+/-1.667 χ^2/NDF : 300.9/11

-0.259+/-1.063 χ^2/NDF : 735.6/26

-10.117+/-1.379 χ^2/NDF : 308.9/14

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -319.690+/-3.218 χ^2 /NDF: 688.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 259.836+/-2.625 χ^2 /NDF: 2921.9/14

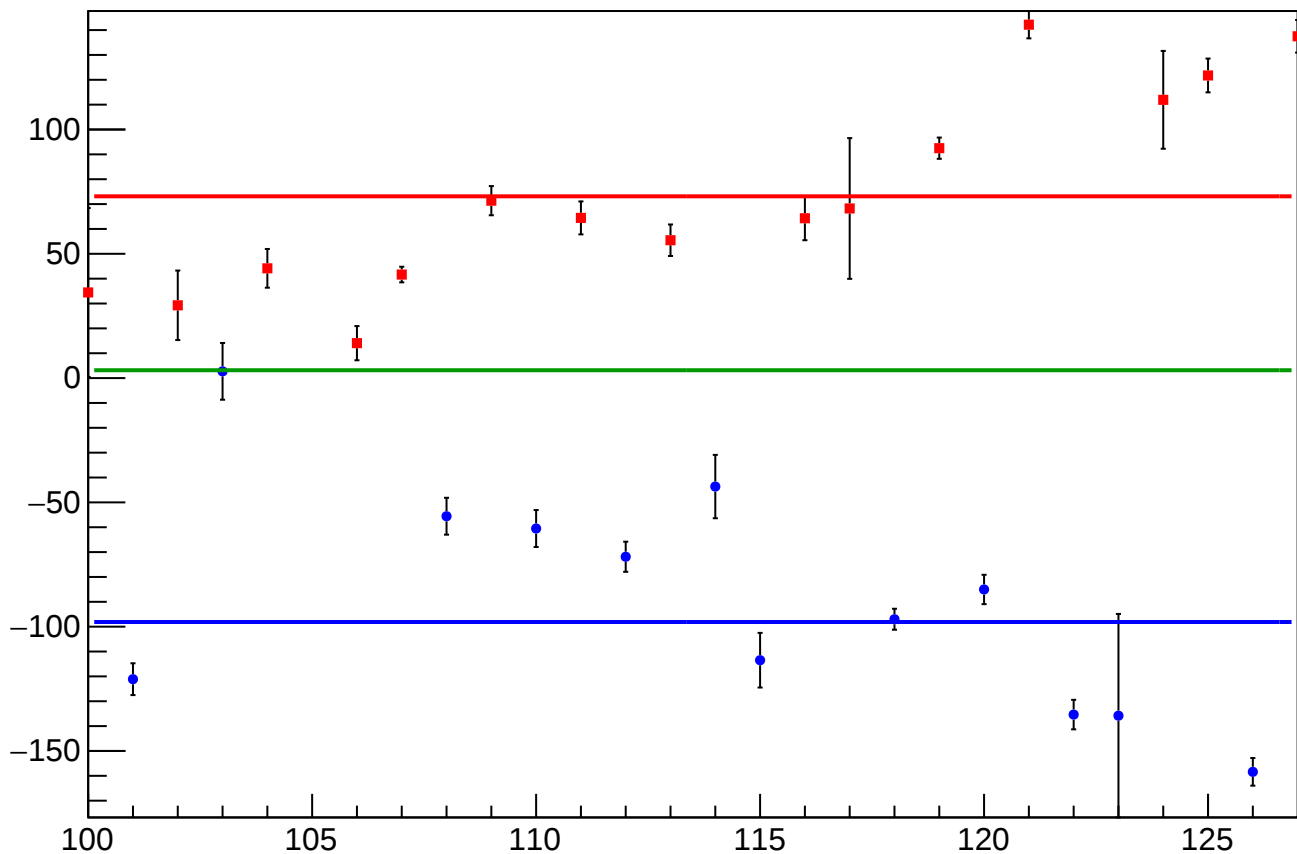
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-319.690+/-3.218 χ^2 /NDF: 688.6/11

28.210+/-2.034 χ^2 /NDF: 23085.8/26

259.836+/-2.625 χ^2 /NDF: 2921.9/14

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.124 ± 1.975 χ^2/NDF : 351.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 73.123 ± 1.642 χ^2/NDF : 539.2/14

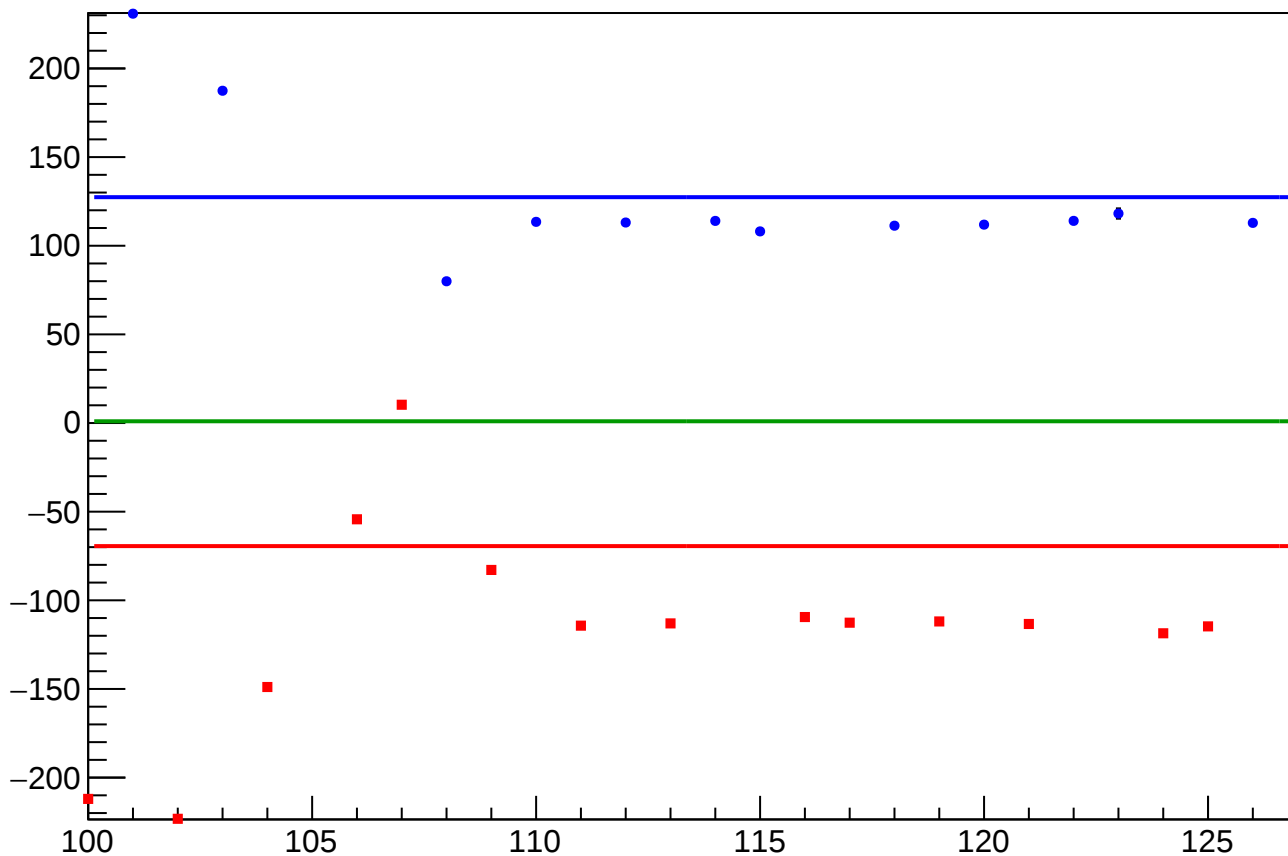
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-98.124 ± 1.975 χ^2/NDF : 351.2/11

3.159 ± 1.263 χ^2/NDF : 5336.2/26

73.123 ± 1.642 χ^2/NDF : 539.2/14

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.398+/-0.115 χ^2/NDF : 173031.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.424+/-0.086 χ^2/NDF : 652530.6/14

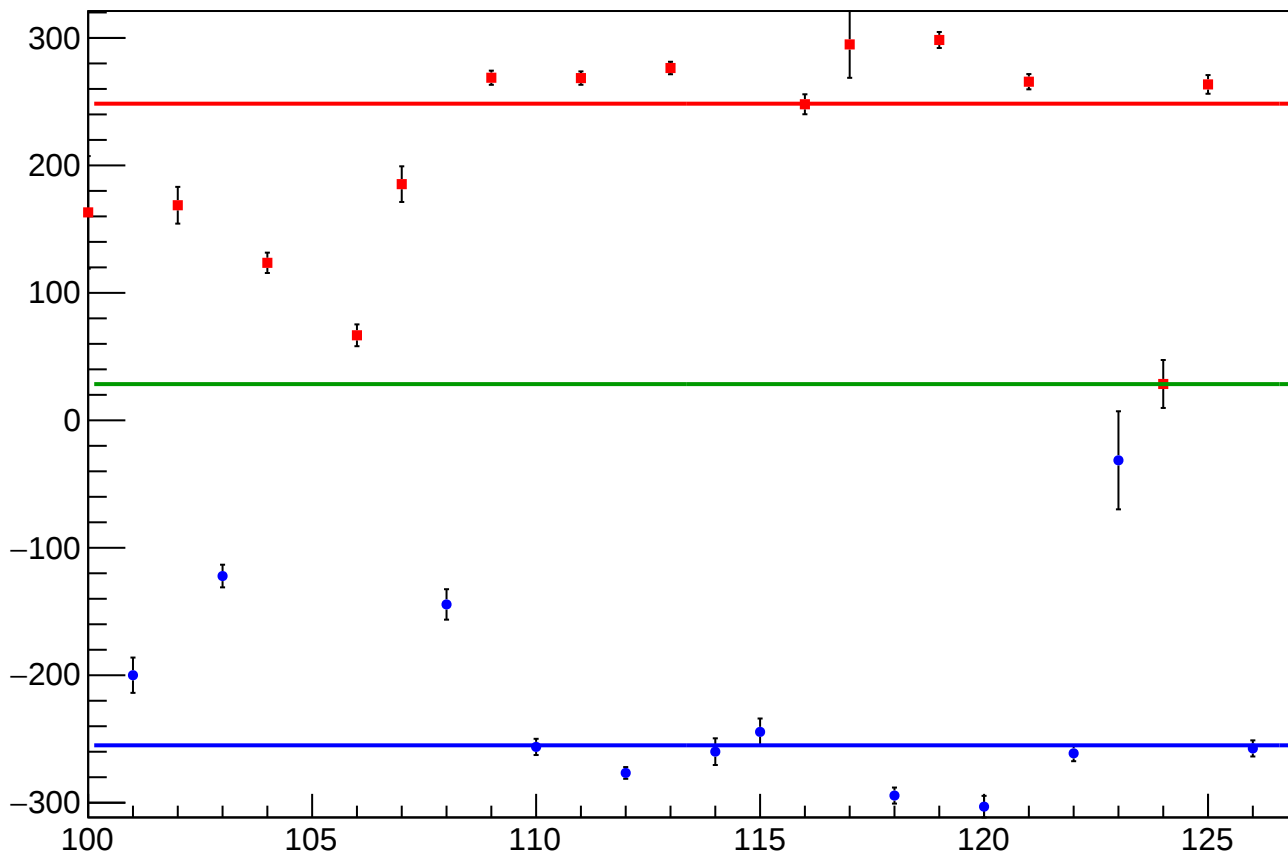
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.398+/-0.115 χ^2/NDF : 173031.8/11

0.986+/-0.069 χ^2/NDF : 2702487.6/26

-69.424+/-0.086 χ^2/NDF : 652530.6/14

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -254.970 ± 2.203 χ^2/NDF : 454.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 248.431 ± 1.941 χ^2/NDF : 1085.3/14

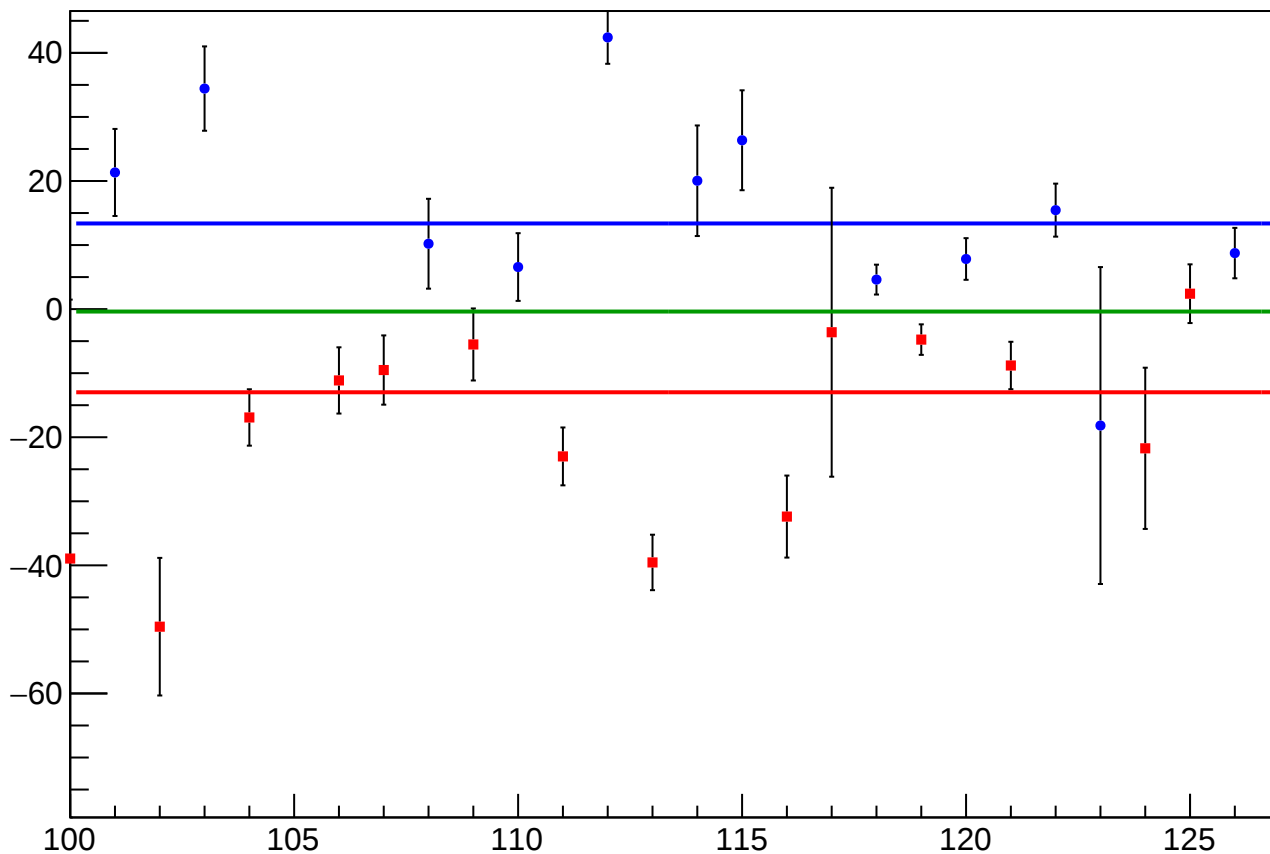
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-254.970 ± 2.203 χ^2/NDF : 454.5/11

28.422 ± 1.457 χ^2/NDF : 30928.2/26

248.431 ± 1.941 χ^2/NDF : 1085.3/14

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.371 ± 1.299 χ^2/NDF : 86.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.982 ± 1.244 χ^2/NDF : 92.0/14

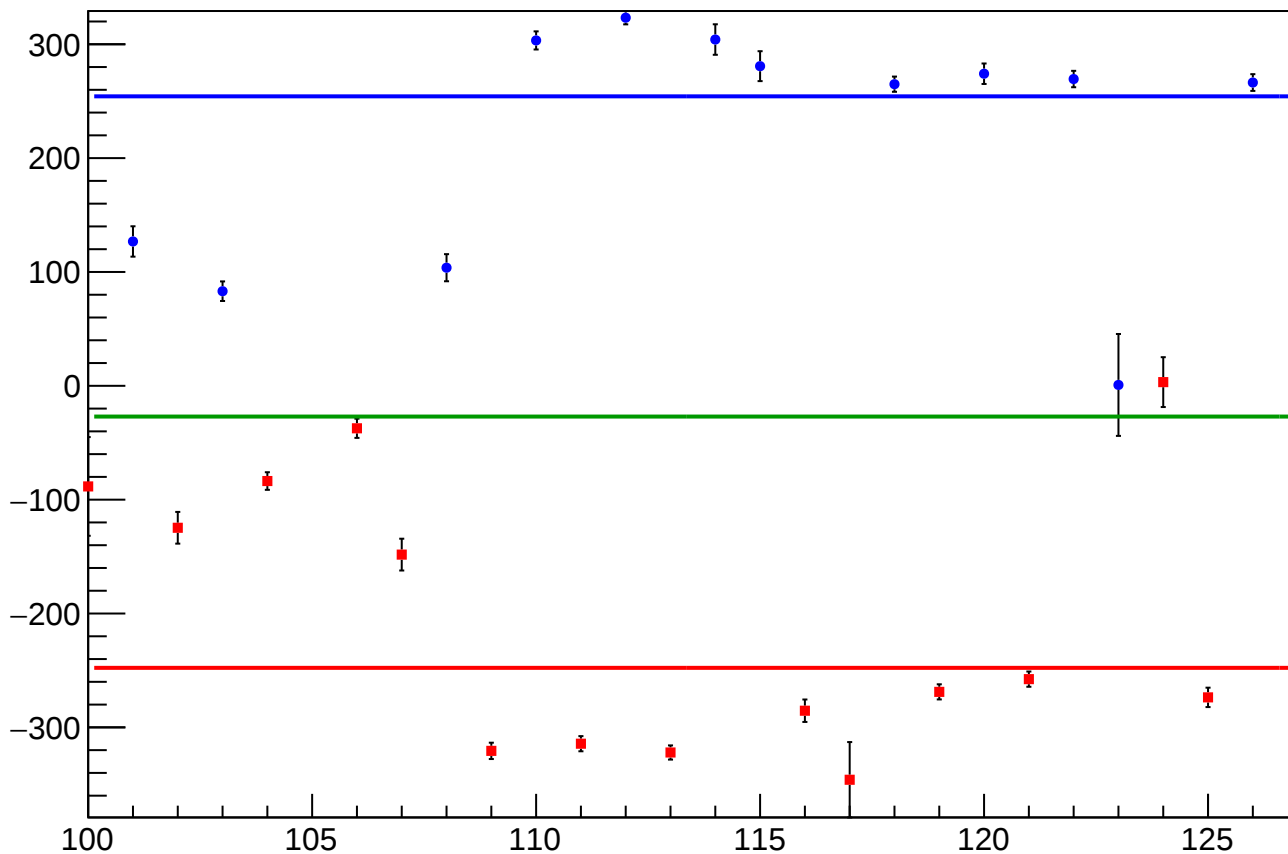
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

13.371 ± 1.299 χ^2/NDF : 86.8/11

-0.379 ± 0.898 χ^2/NDF : 393.6/26

-12.982 ± 1.244 χ^2/NDF : 92.0/14

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 254.259+/-2.536 χ^2/NDF : 888.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -247.719+/-2.246 χ^2/NDF : 1809.3/14

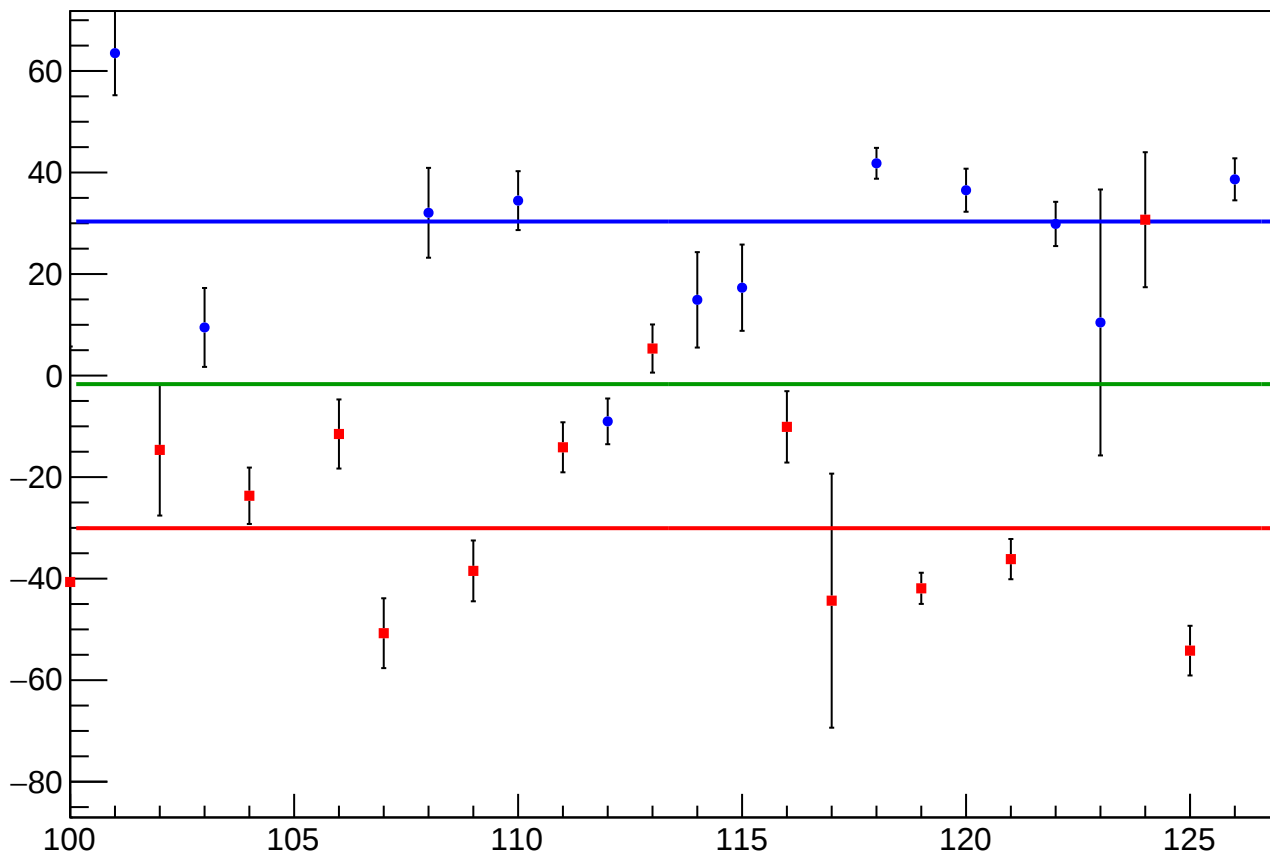
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

254.259+/-2.536 χ^2/NDF : 888.9/11

-27.001+/-1.682 χ^2/NDF : 24653.3/26

-247.719+/-2.246 χ^2/NDF : 1809.3/14

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.349+/-1.535 χ^2 /NDF: 126.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -30.063+/-1.445 χ^2 /NDF: 160.6/14

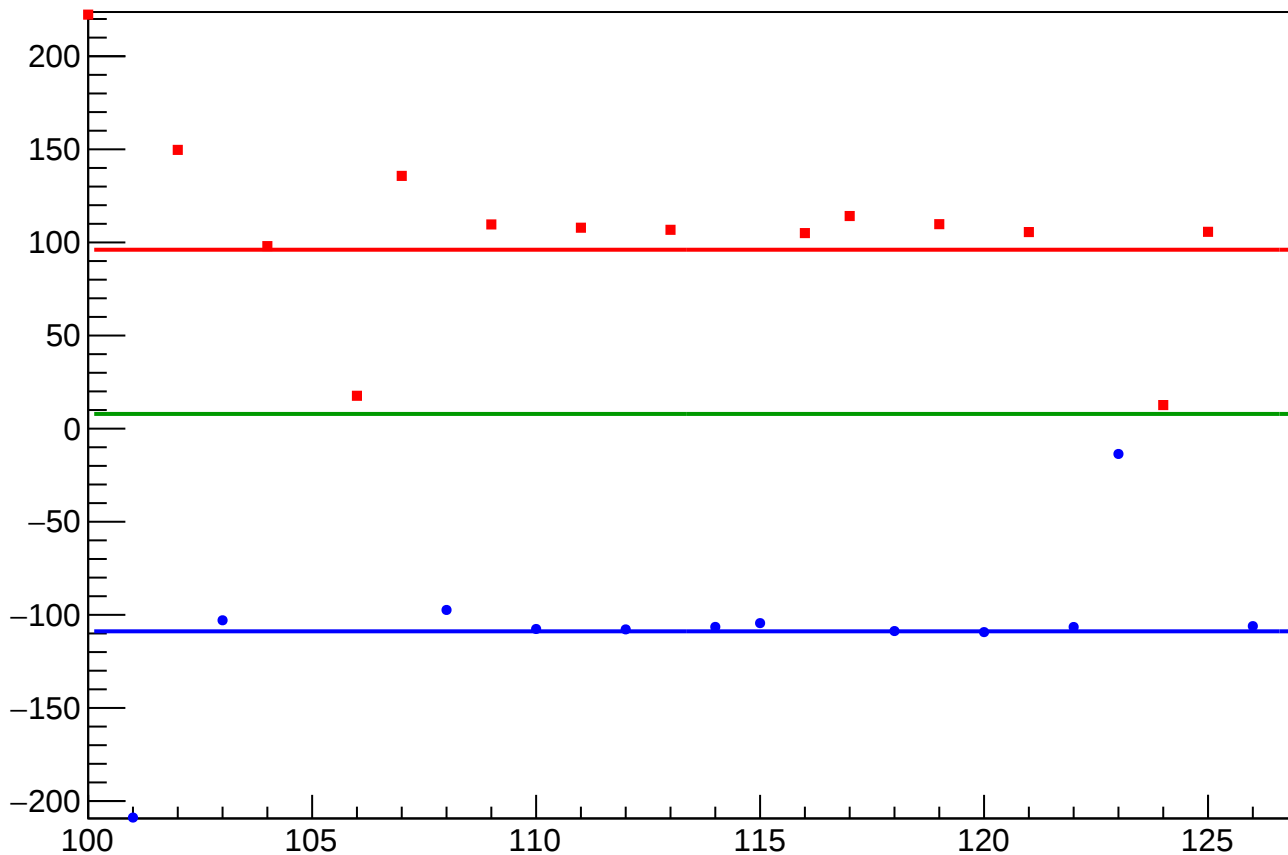
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

30.349+/-1.535 χ^2 /NDF: 126.2/11

-1.684+/-1.052 χ^2 /NDF: 1108.1/26

-30.063+/-1.445 χ^2 /NDF: 160.6/14

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -108.847+/-0.095 χ^2/NDF : 49003.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.084 ± 0.082 χ^2/NDF : 211372.4/14

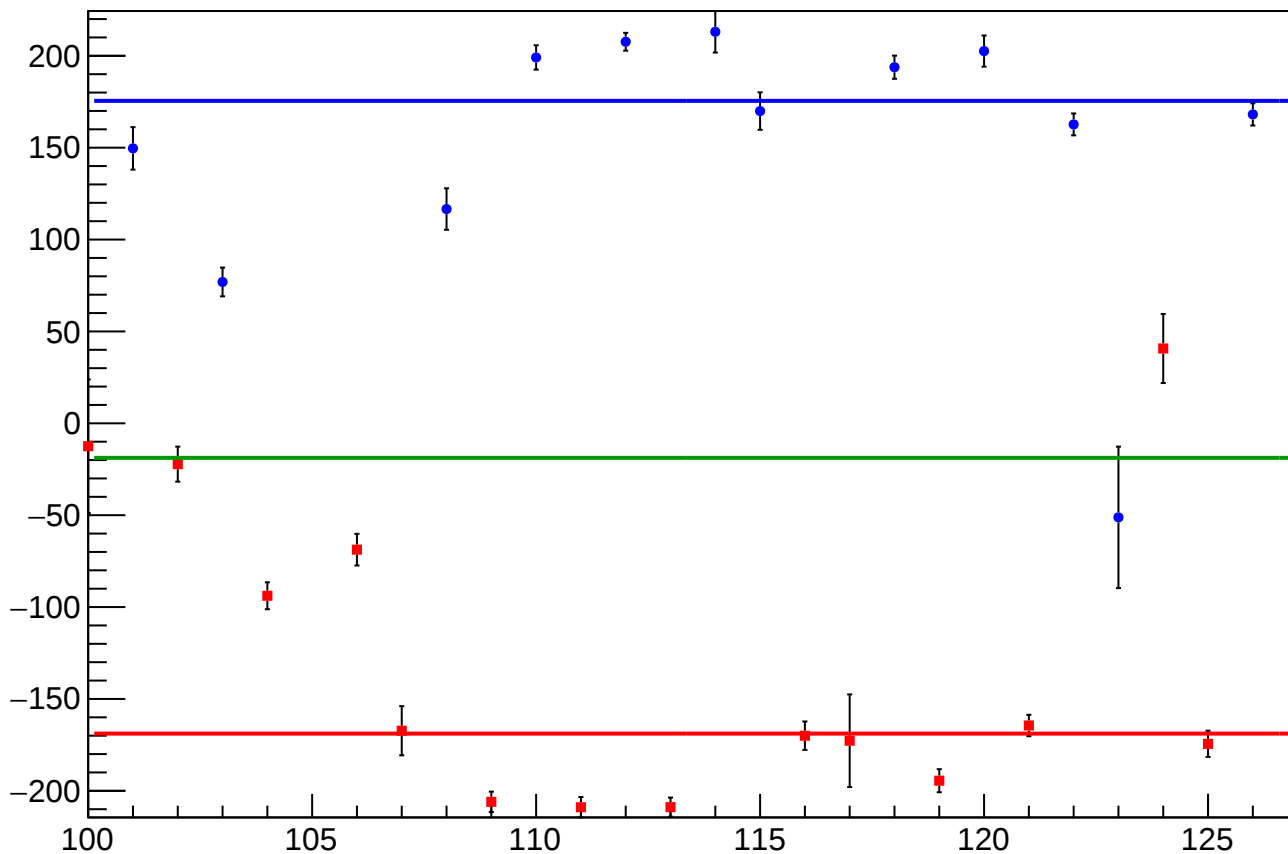
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-108.847+/-0.095 χ^2/NDF : 49003.4/11

7.897+/-0.062 χ^2/NDF : 2924235.1/26

96.084+/-0.082 χ^2/NDF : 211372.4/14

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 175.479 ± 2.185 χ^2/NDF : 318.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -168.862 ± 1.921 χ^2/NDF : 800.8/14

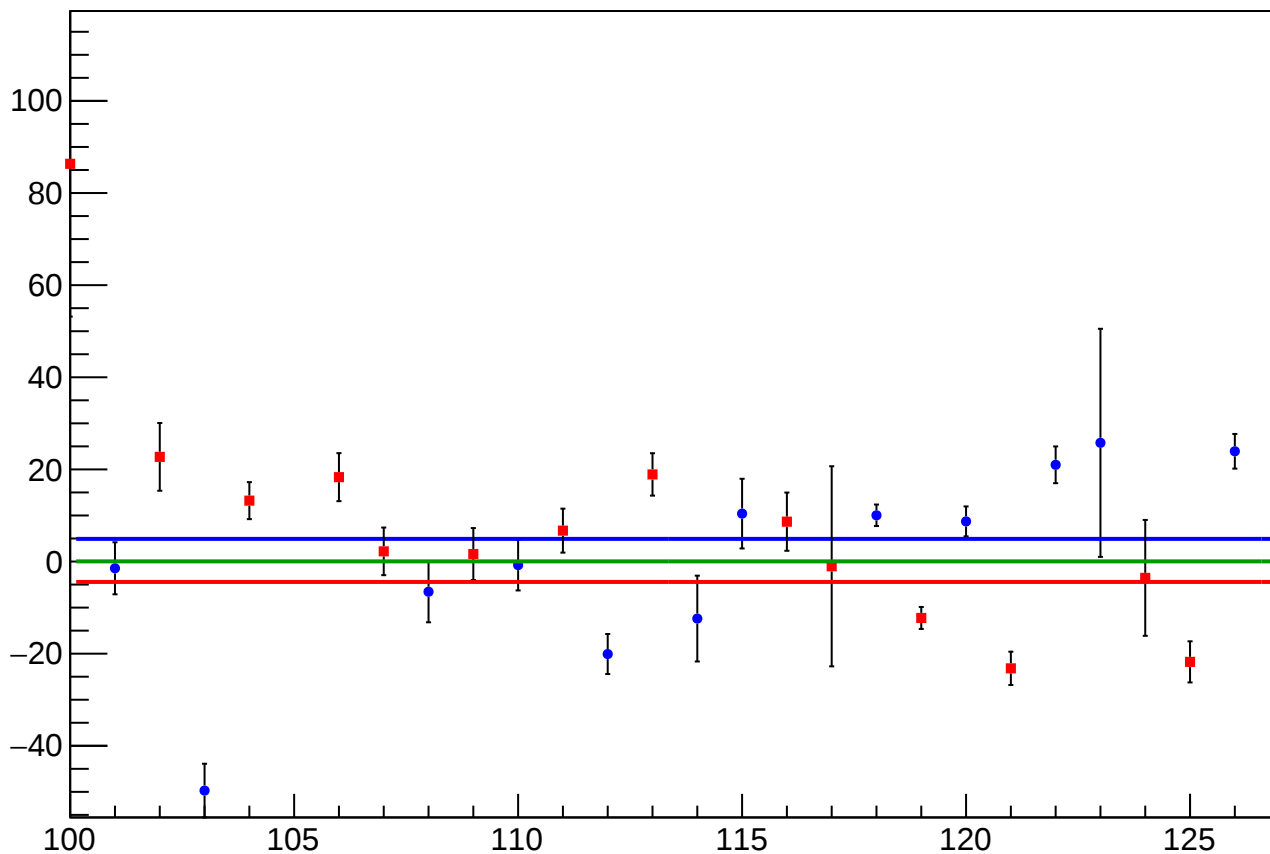
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

175.479 ± 2.185 χ^2/NDF : 318.0/11

-18.790 ± 1.443 χ^2/NDF : 15128.9/26

-168.862 ± 1.921 χ^2/NDF : 800.8/14

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.919+/-1.279 χ^2/NDF : 178.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.427+/-1.223 χ^2/NDF : 177.0/14

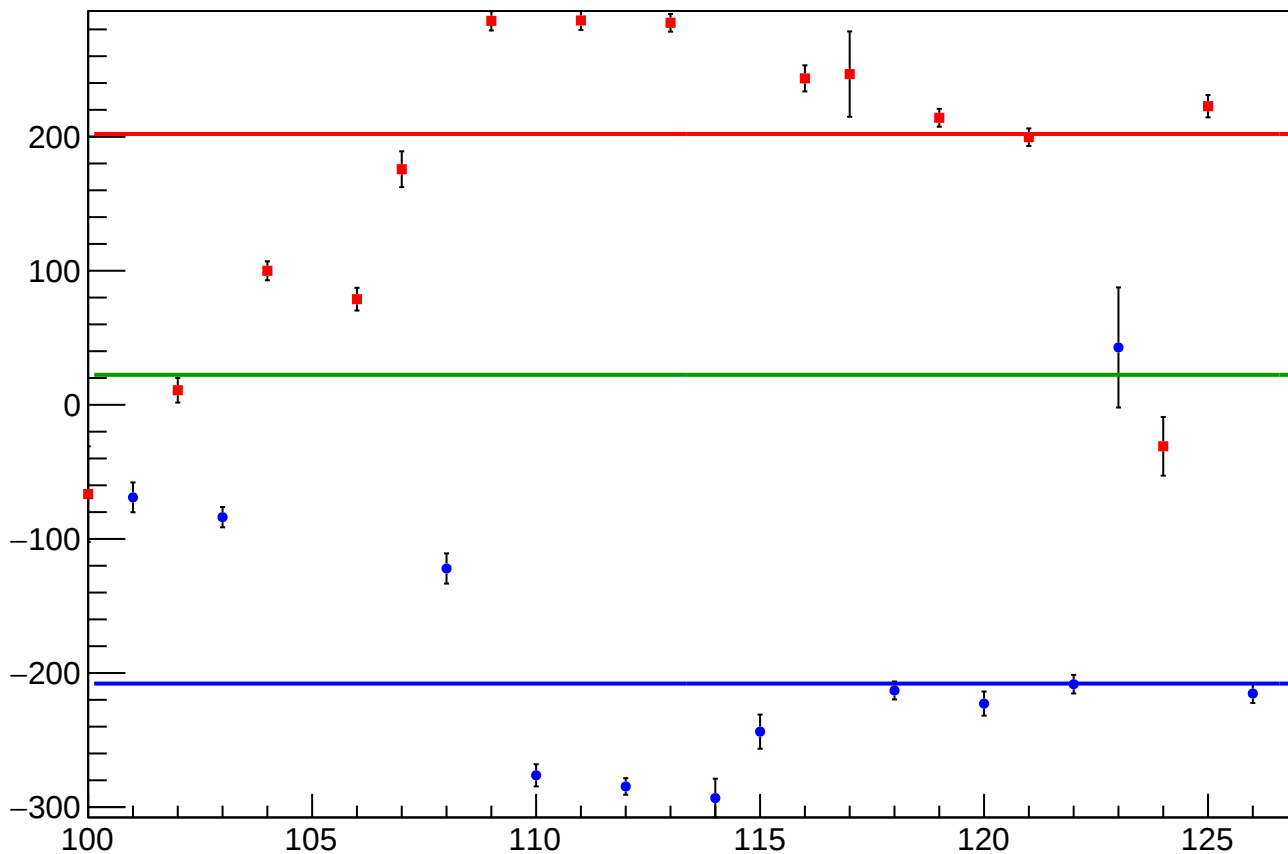
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.919+/-1.279 χ^2/NDF : 178.8/11

0.037+/-0.884 χ^2/NDF : 383.8/26

-4.427+/-1.223 χ^2/NDF : 177.0/14

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.873+/-2.491 χ^2 /NDF: 782.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 202.006+/-2.200 χ^2 /NDF: 1510.8/14

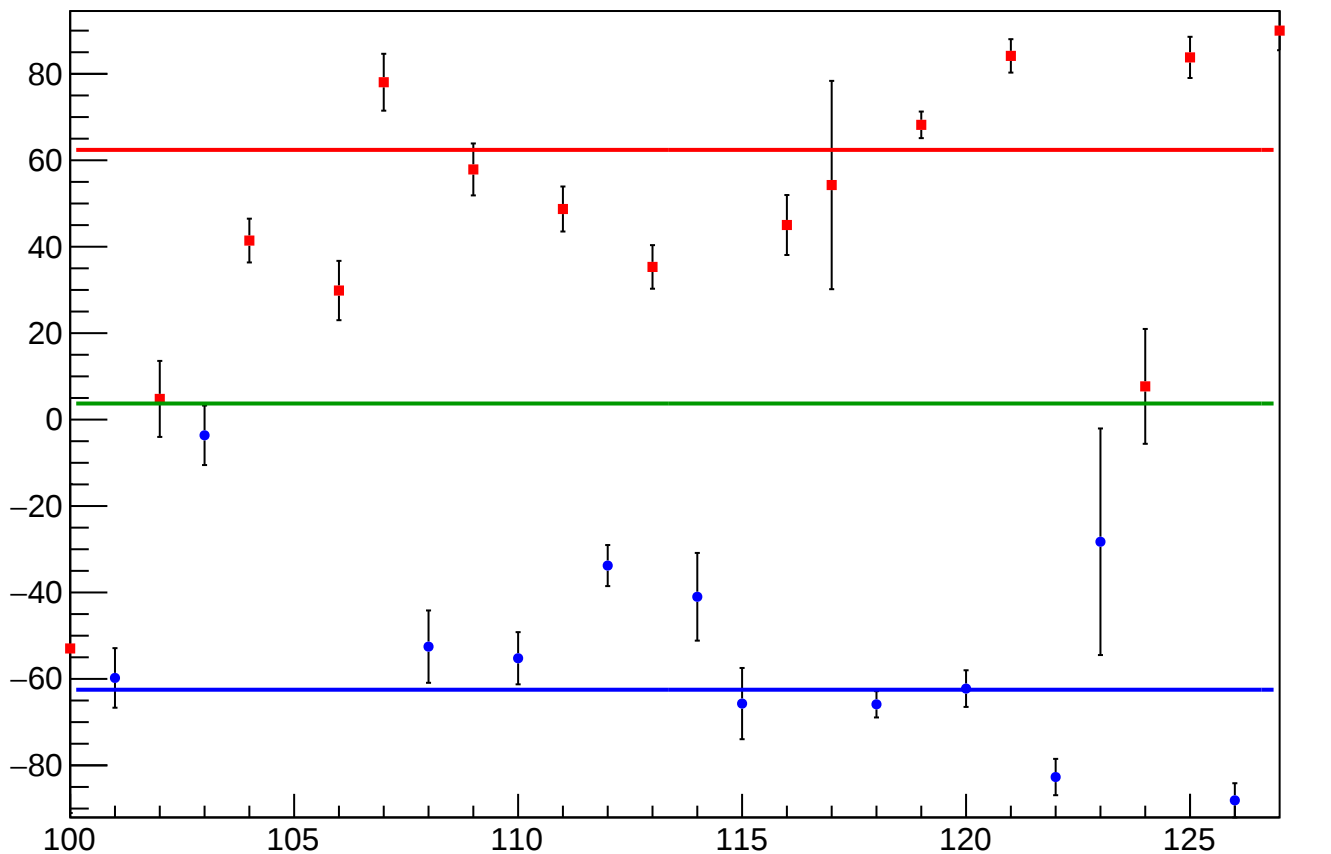
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-207.873+/-2.491 χ^2 /NDF: 782.8/11

22.401+/-1.649 χ^2 /NDF: 17502.1/26

202.006+/-2.200 χ^2 /NDF: 1510.8/14

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.503+/-1.511 χ^2/NDF : 185.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.406+/-1.422 χ^2/NDF : 249.5/14

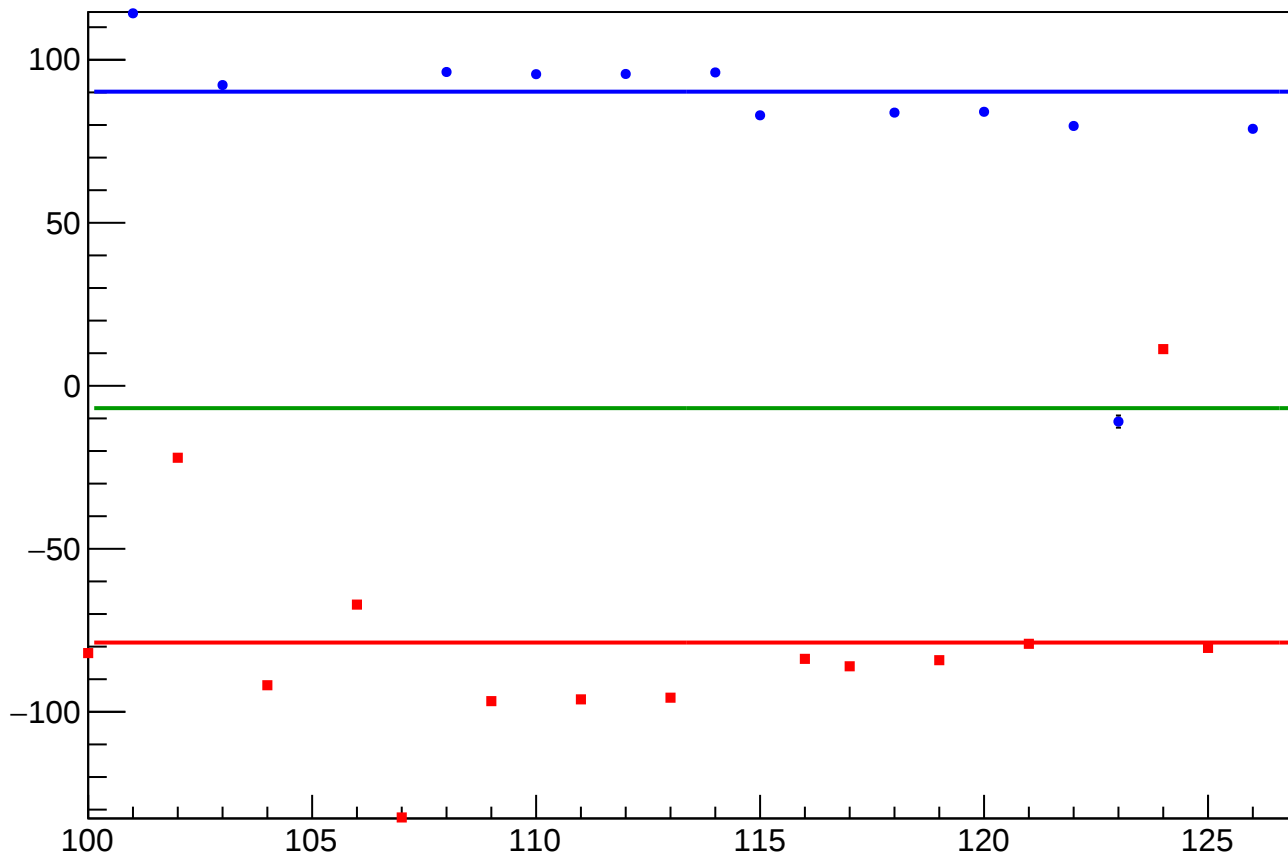
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.503+/-1.511 χ^2/NDF : 185.2/11

3.722+/-1.036 χ^2/NDF : 4057.4/26

62.406+/-1.422 χ^2/NDF : 249.5/14

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.226 $\pm$ 0.090 χ^2/NDF : 11511.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -78.753 $\pm$ 0.078 χ^2/NDF : 128992.2/14

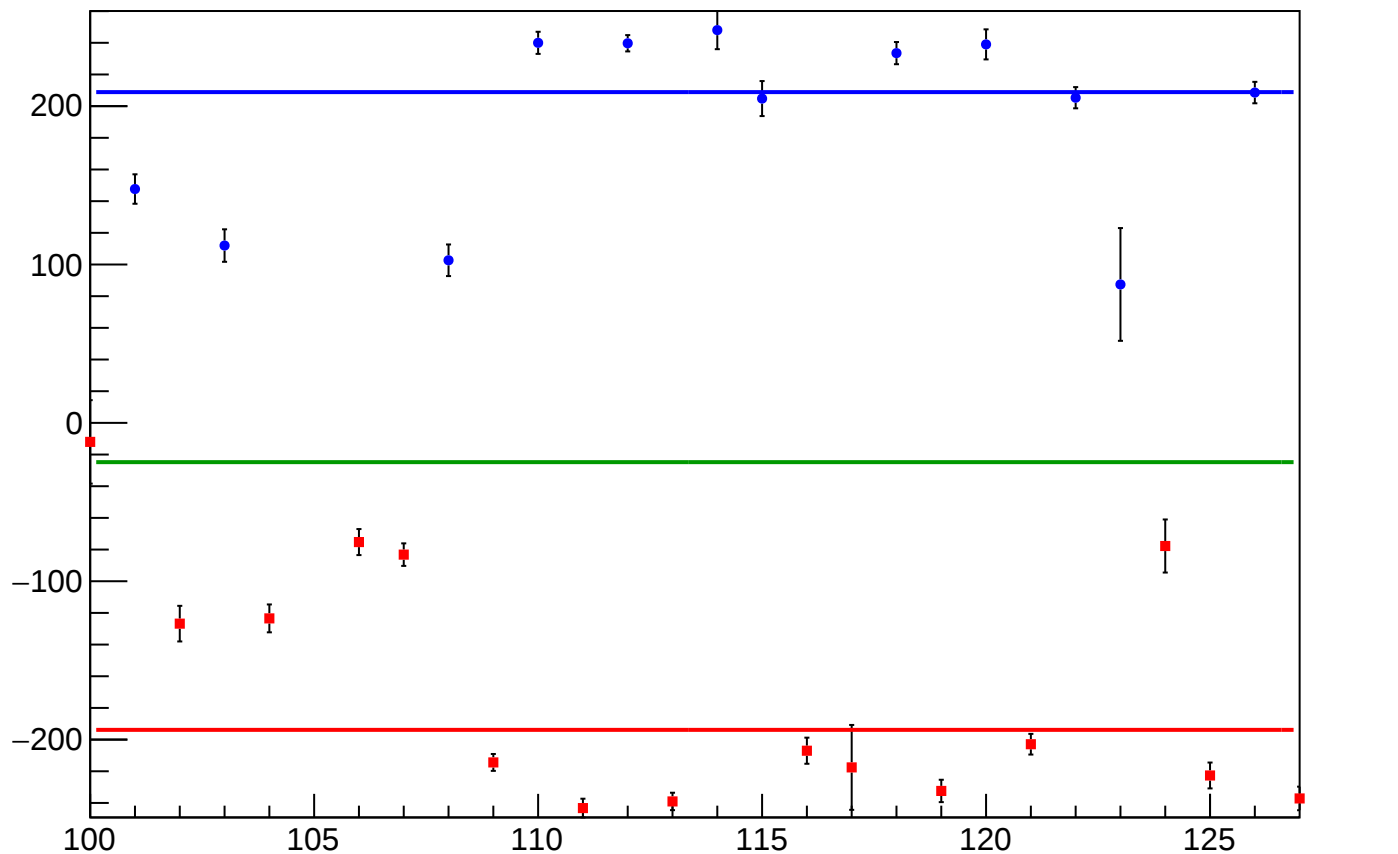
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

90.226 $\pm$ 0.090 χ^2/NDF : 11511.5/11

-6.851 $\pm$ 0.059 χ^2/NDF : 2145911.1/26

-78.753 $\pm$ 0.078 χ^2/NDF : 128992.2/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 208.865 ± 2.352 χ^2/NDF : 346.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -193.852 ± 2.001 χ^2/NDF : 878.6/14

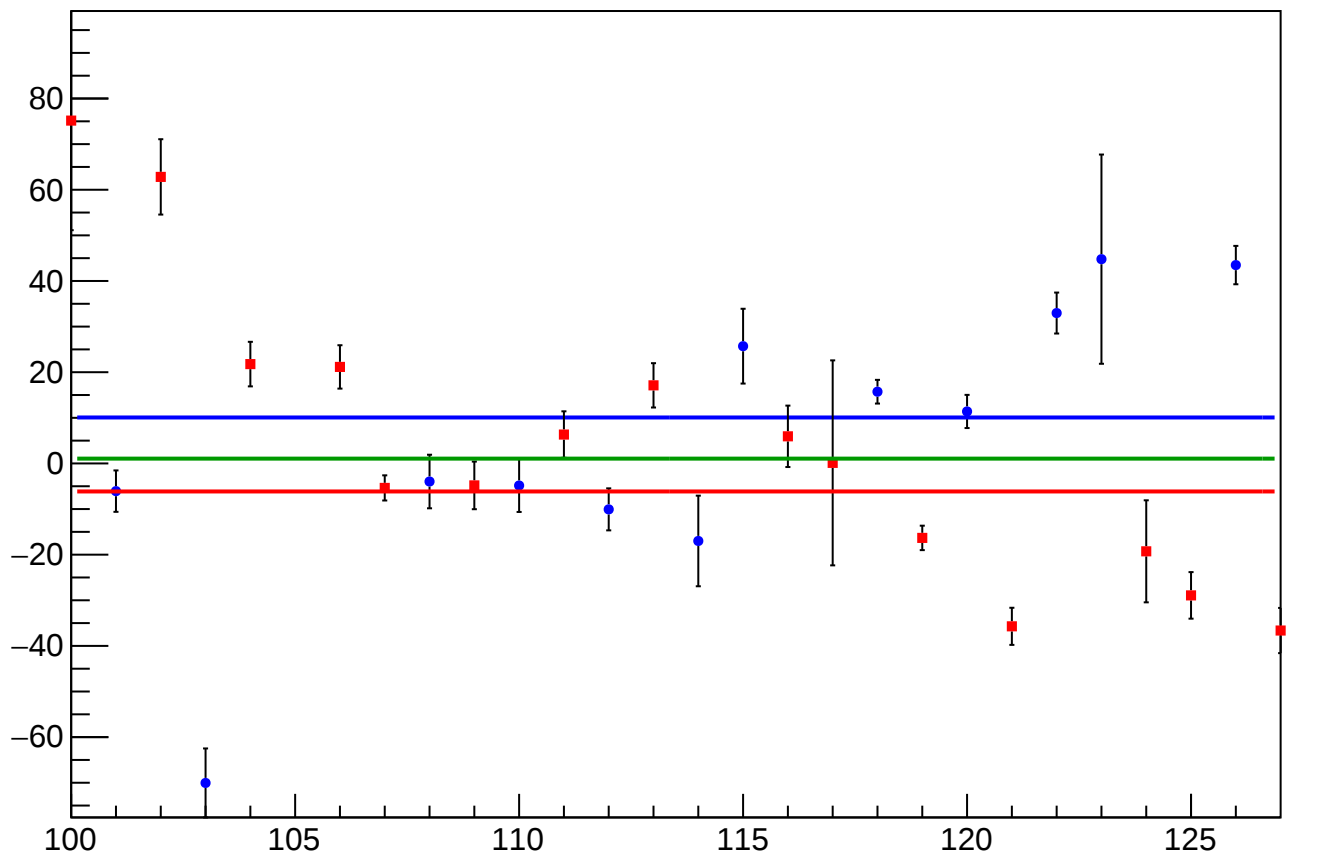
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

208.865 ± 2.352 χ^2/NDF : 346.5/11

-24.798 ± 1.524 χ^2/NDF : 18235.6/26

-193.852 ± 2.001 χ^2/NDF : 878.6/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.076+/-1.375 χ^2/NDF : 263.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.143+/-1.229 χ^2/NDF : 305.6/14

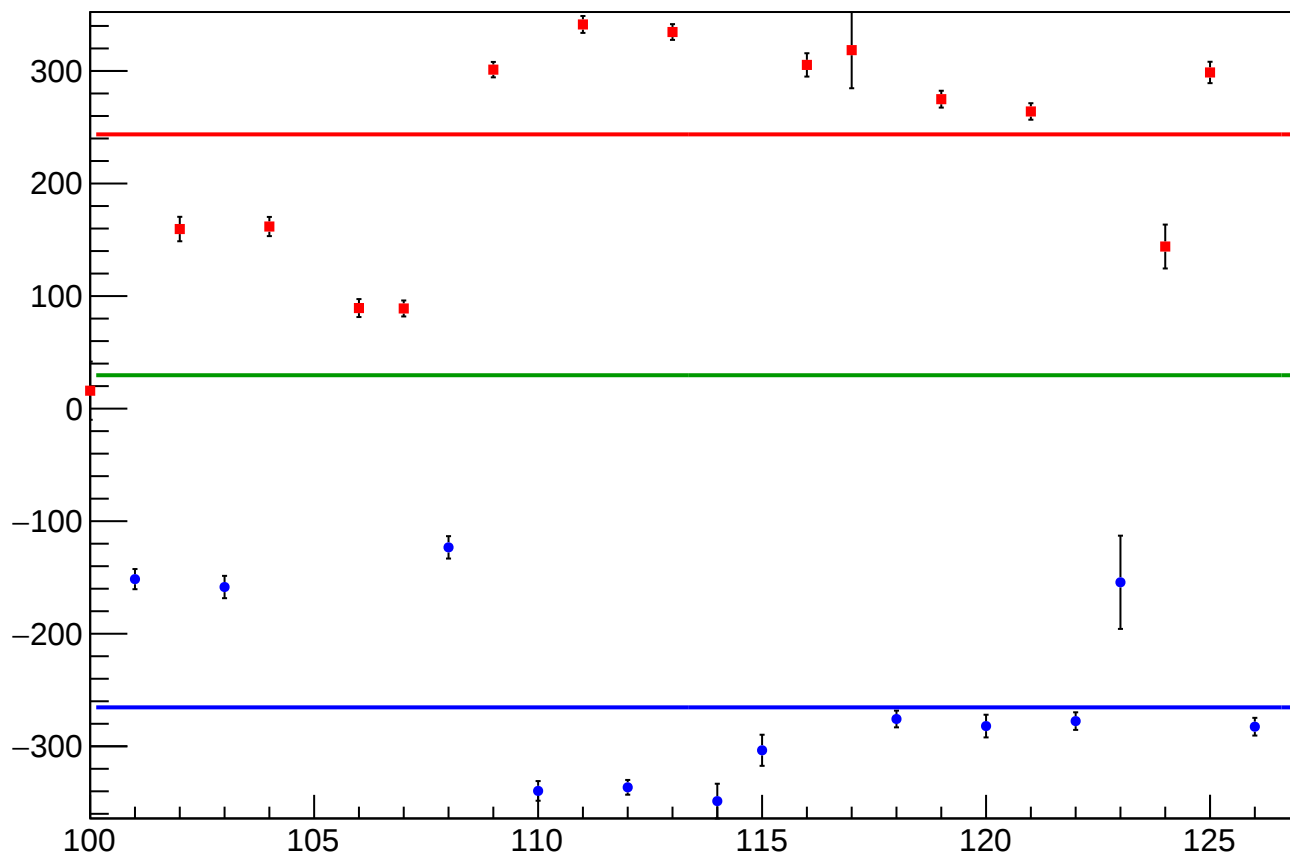
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.076+/-1.375 χ^2/NDF : 263.7/11

1.056+/-0.916 χ^2/NDF : 646.6/26

-6.143+/-1.229 χ^2/NDF : 305.6/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -265.414+/-2.676 χ^2/NDF : 727.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.664+/-2.279 χ^2/NDF : 1676.9/14

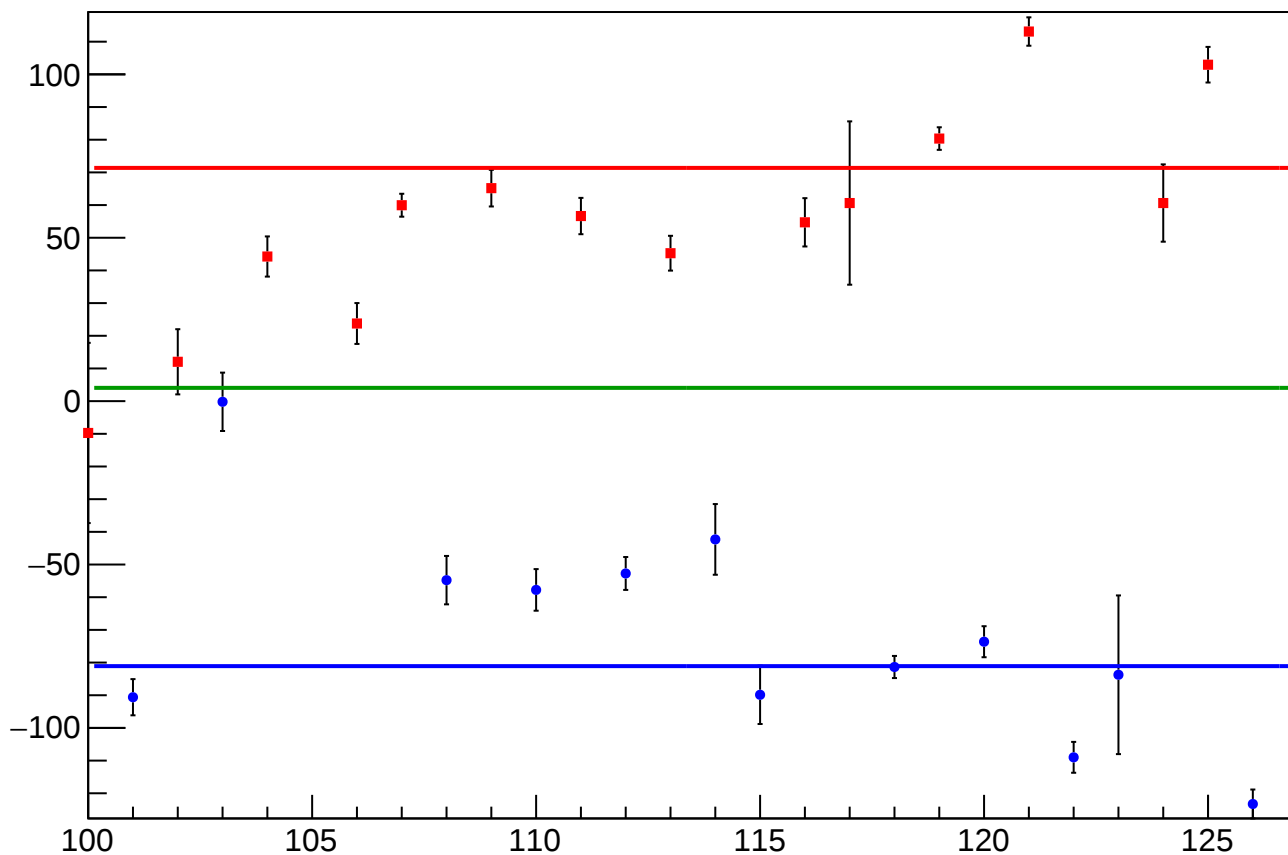
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-265.414+/-2.676 χ^2/NDF : 727.3/11

29.672+/-1.735 χ^2/NDF : 23375.5/26

243.664+/-2.279 χ^2/NDF : 1676.9/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.090 ± 1.627 χ^2/NDF : 284.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.376 ± 1.447 χ^2/NDF : 368.1/14

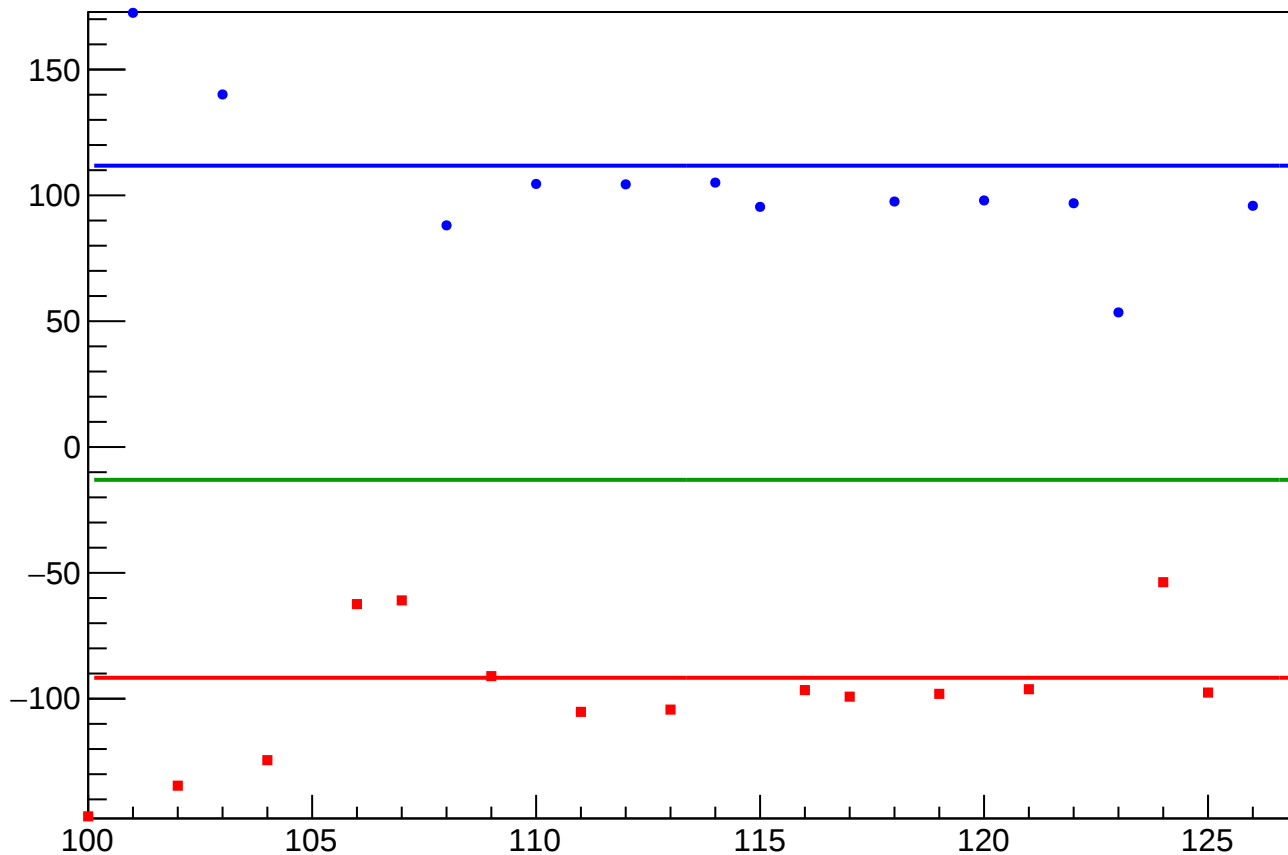
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-81.090 ± 1.627 χ^2/NDF : 284.8/11

4.064 ± 1.081 χ^2/NDF : 5556.2/26

71.376 ± 1.447 χ^2/NDF : 368.1/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.798+/-0.098 χ^2/NDF : 72937.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.684+/-0.078 χ^2/NDF : 116137.7/14

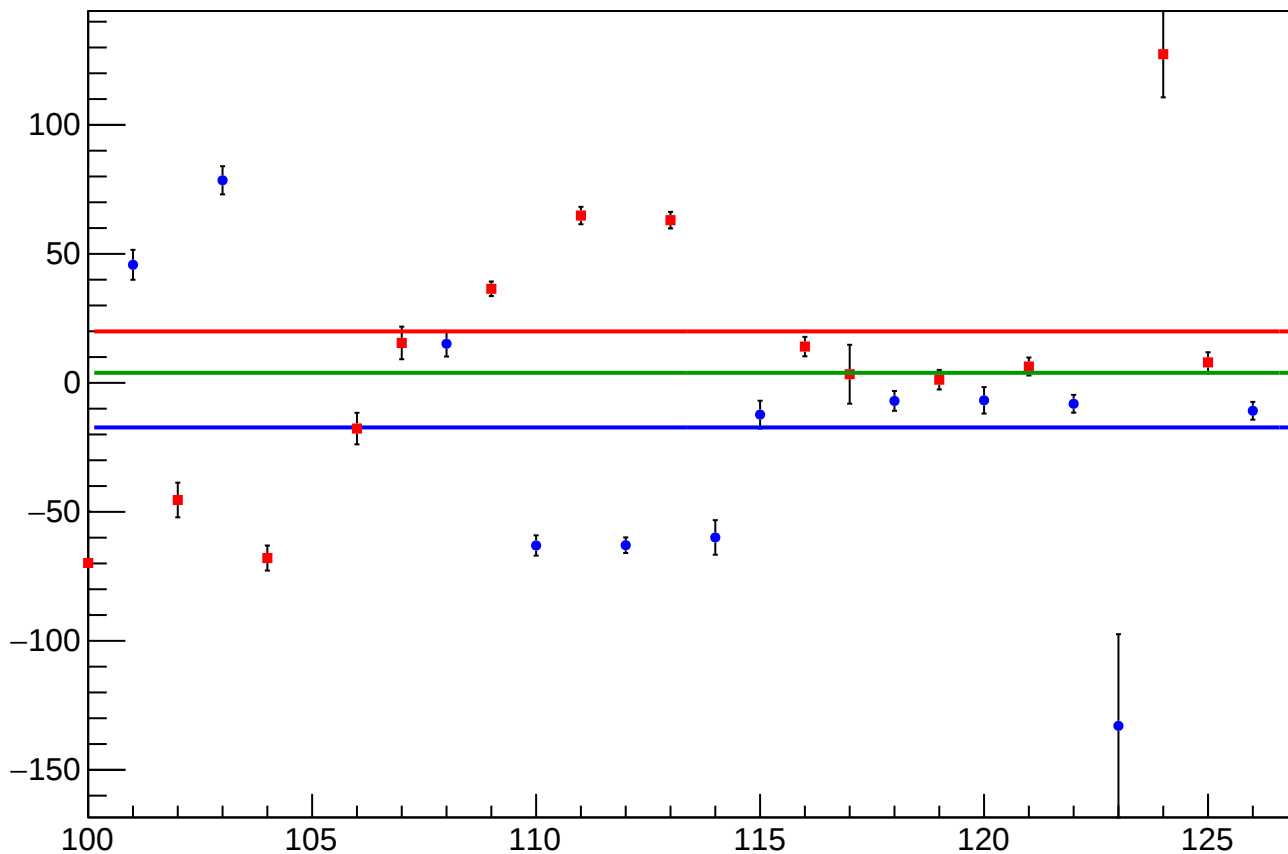
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

111.798+/-0.098 χ^2/NDF : 72937.5/11

-13.034+/-0.061 χ^2/NDF : 2839833.2/26

-91.684+/-0.078 χ^2/NDF : 116137.7/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -17.275+/-1.281 χ^2/NDF : 906.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.948+/-1.116 χ^2/NDF : 968.8/14

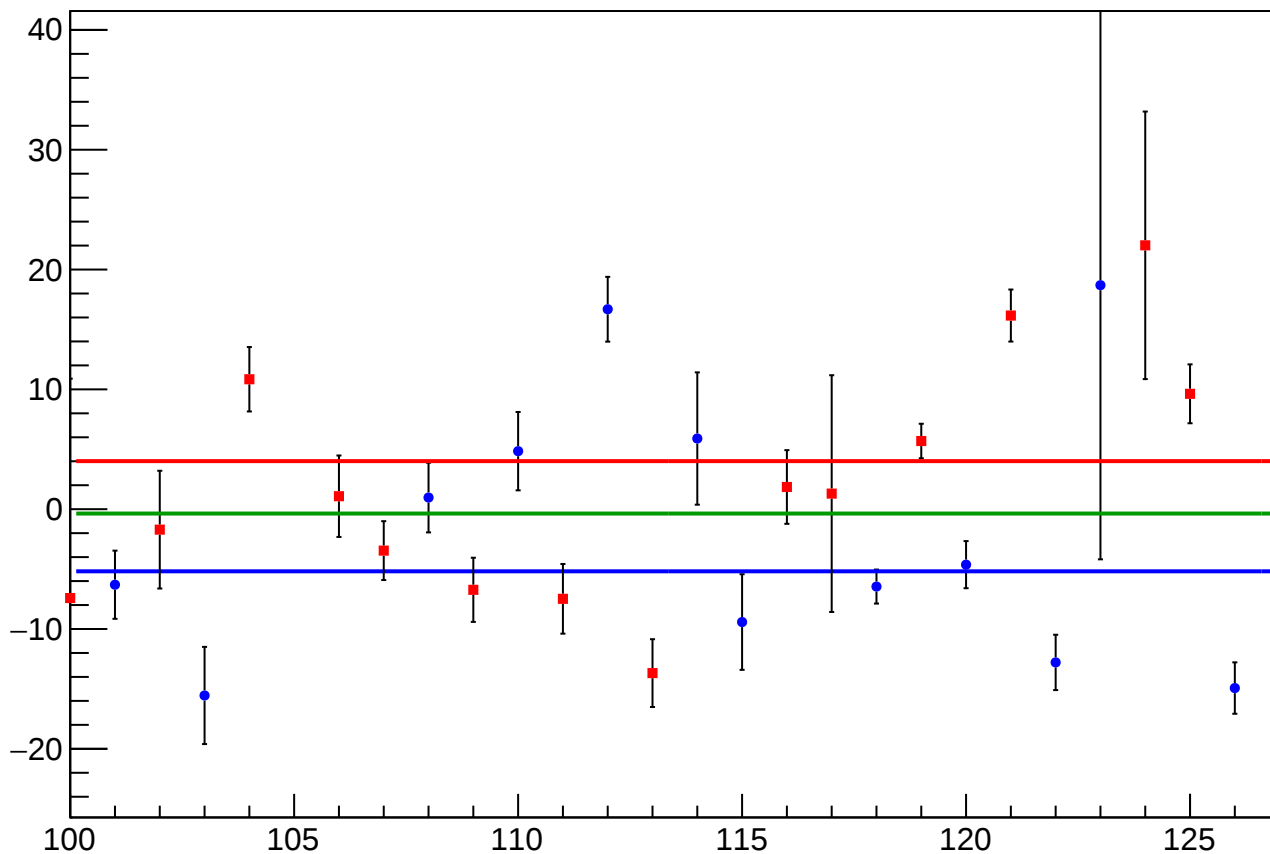
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.275+/-1.281 χ^2/NDF : 906.4/11

3.892+/-0.841 χ^2/NDF : 2355.4/26

19.948+/-1.116 χ^2/NDF : 968.8/14

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.185+/-0.747 χ^2/NDF : 124.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.011+/-0.712 χ^2/NDF : 146.5/14

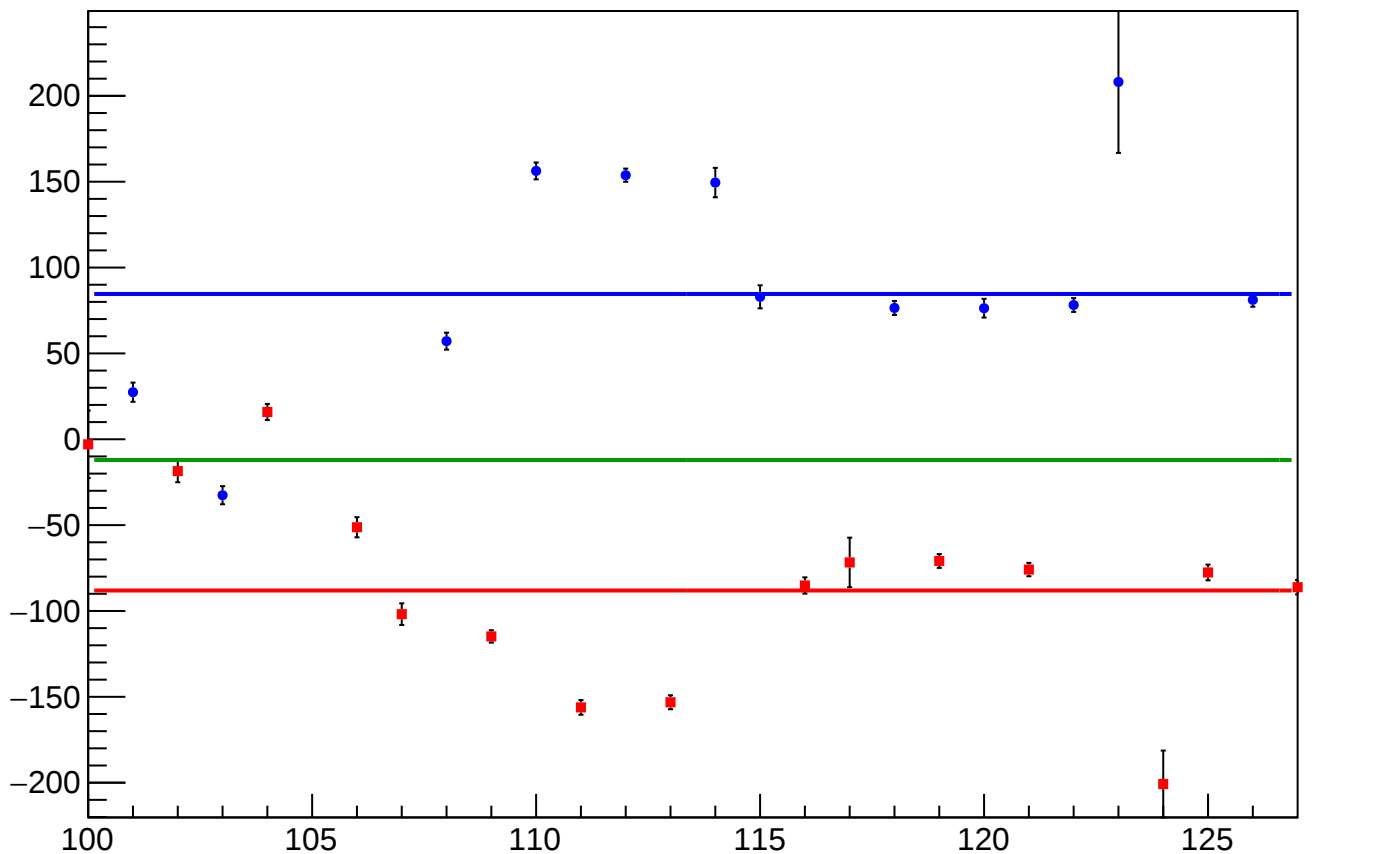
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.185+/-0.747 χ^2/NDF : 124.6/11

-0.364+/-0.515 χ^2/NDF : 350.4/26

4.011+/-0.712 χ^2/NDF : 146.5/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.617+/-1.456 χ^2 /NDF: 1239.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -88.083+/-1.291 χ^2 /NDF: 1298.5/14

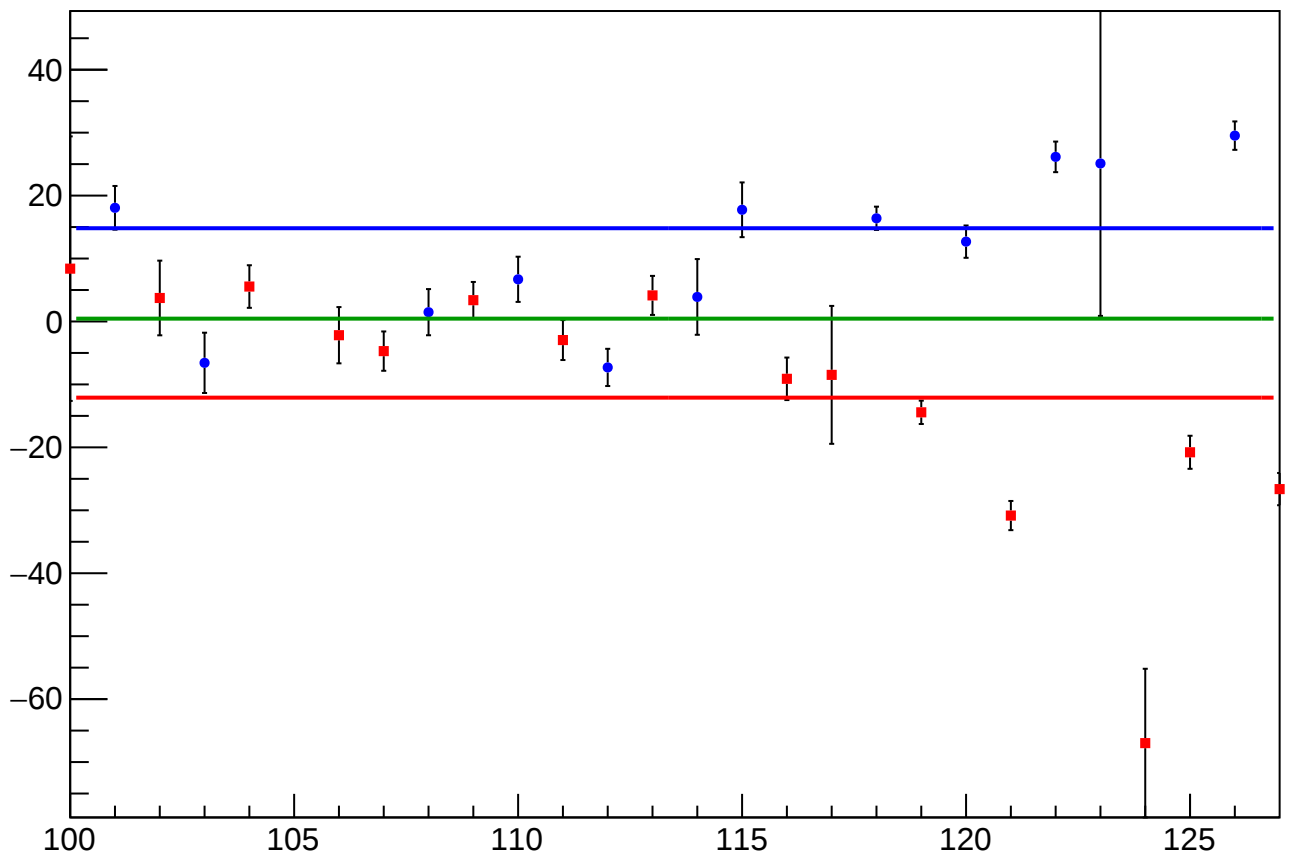
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

84.617+/-1.456 χ^2 /NDF: 1239.9/11

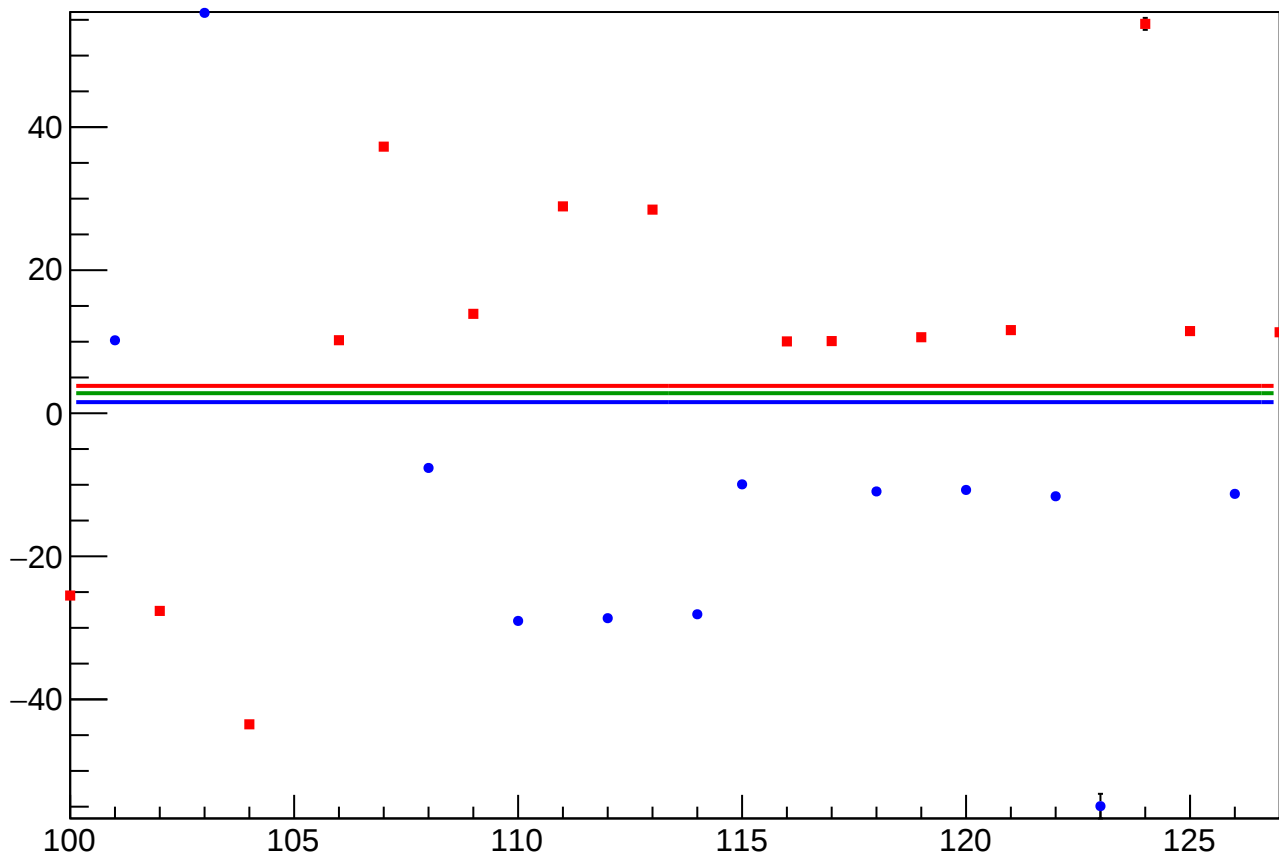
-12.065+/-0.966 χ^2 /NDF: 10418.9/26

-88.083+/-1.291 χ^2 /NDF: 1298.5/14

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.554+/-0.052 χ^2/NDF : 292492.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.827+/-0.047 χ^2/NDF : 305603.3/14

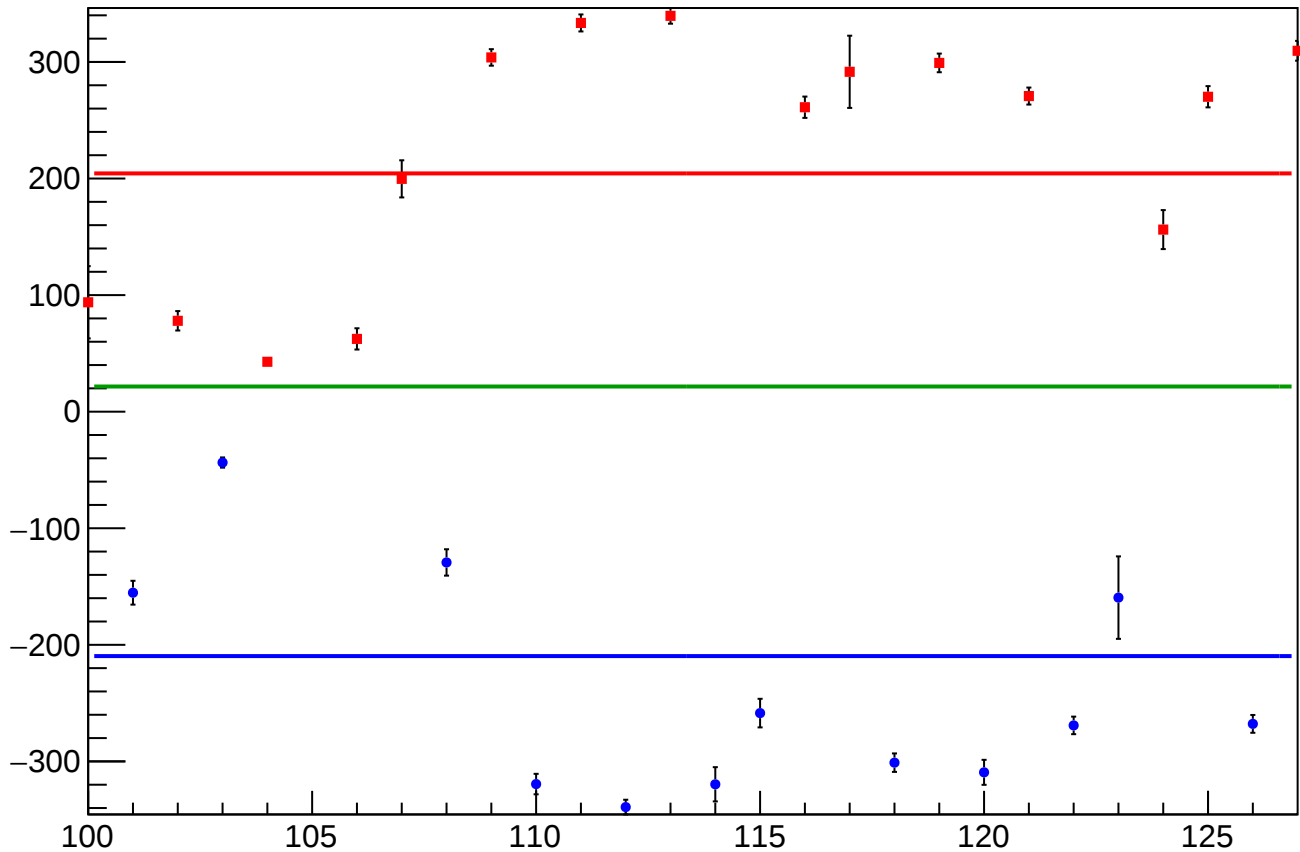
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.554+/-0.052 χ^2/NDF : 292492.0/11

2.805+/-0.035 χ^2/NDF : 599129.7/26

3.827+/-0.047 χ^2/NDF : 305603.3/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -209.663+/-2.362 χ^2/NDF : 2512.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.394+/-2.100 χ^2/NDF : 3387.8/14

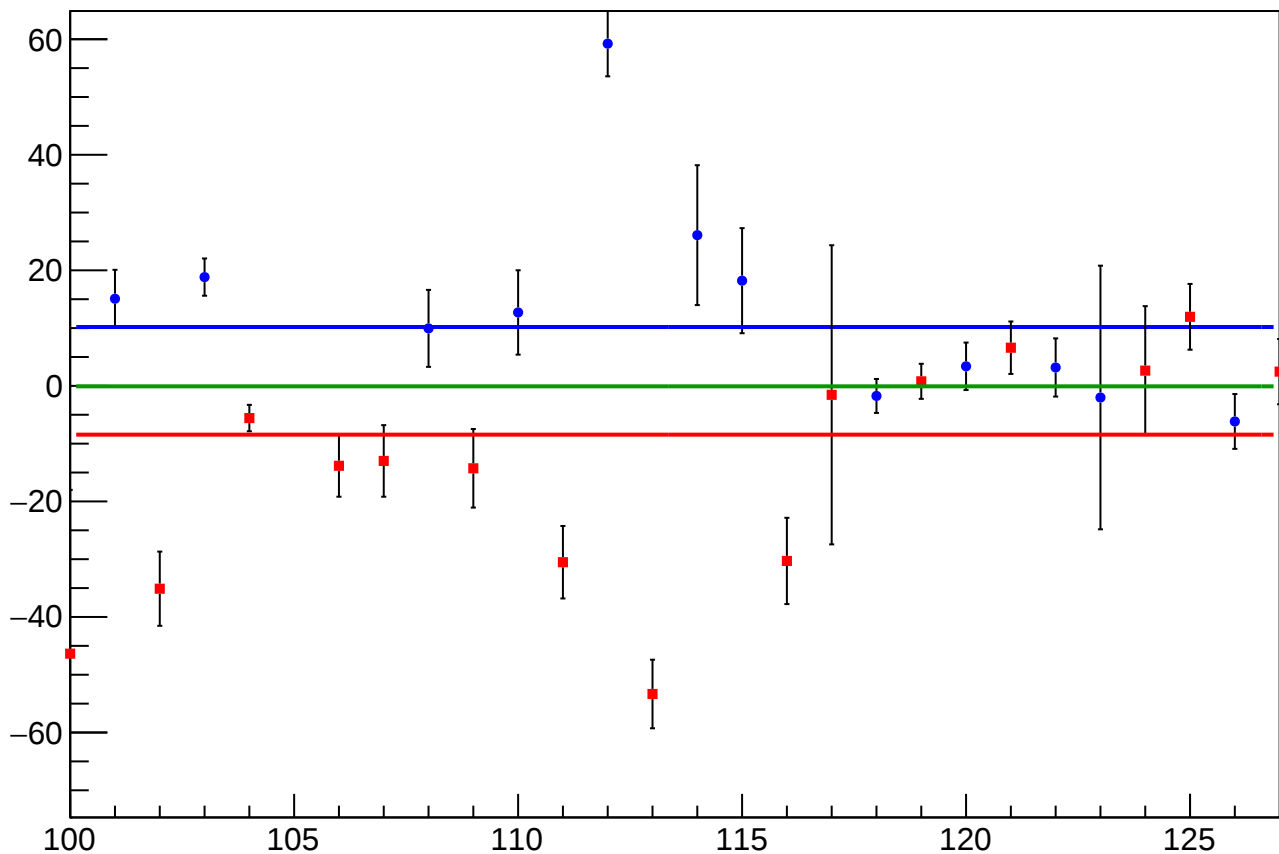
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-209.663+/-2.362 χ^2/NDF : 2512.4/11

21.587+/-1.569 χ^2/NDF : 23065.9/26

204.394+/-2.100 χ^2/NDF : 3387.8/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.186+/-1.431 χ^2/NDF : 119.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.445+/-1.292 χ^2/NDF : 138.8/14

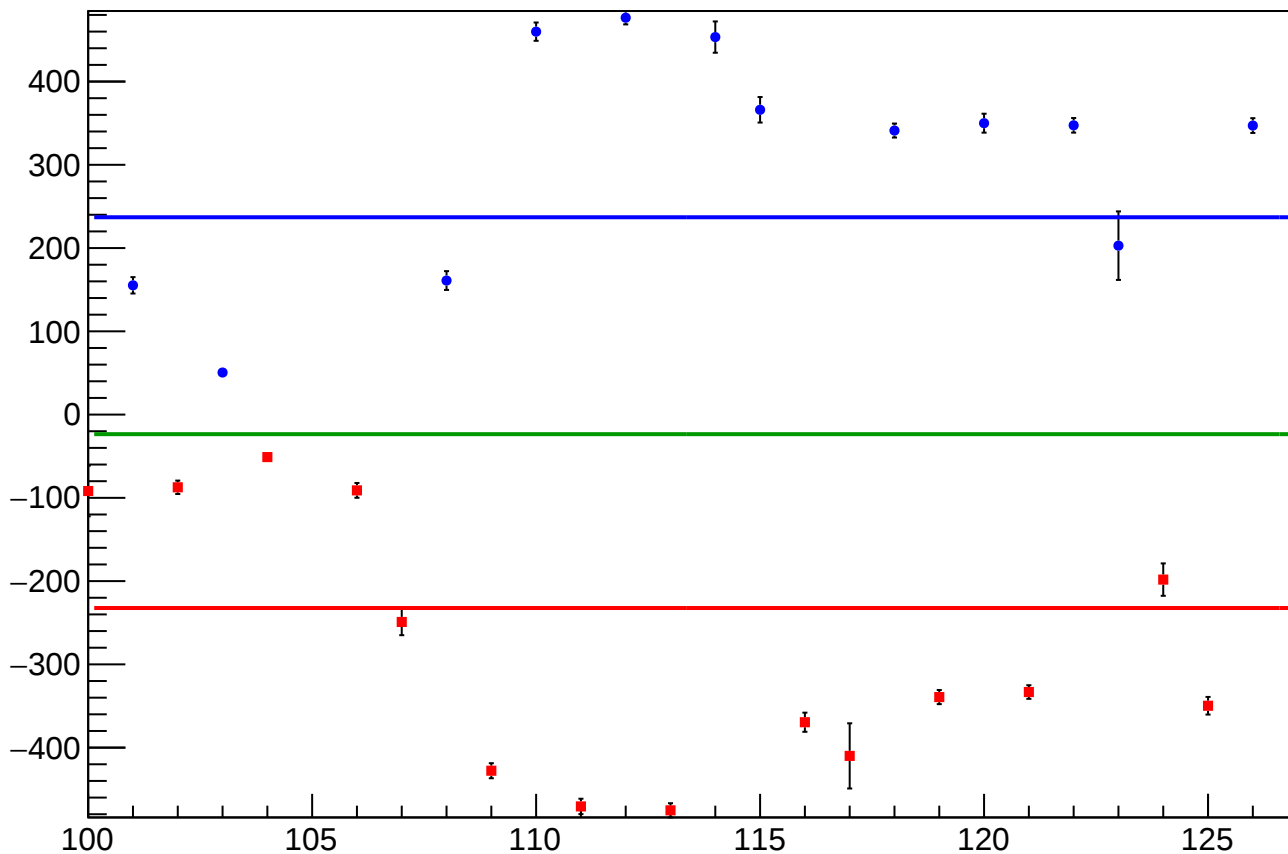
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.186+/-1.431 χ^2/NDF : 119.3/11

-0.080+/-0.959 χ^2/NDF : 351.6/26

-8.445+/-1.292 χ^2/NDF : 138.8/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 236.999 $\pm$ 2.556 χ^2 /NDF: 4128.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -232.319 $\pm$ 2.288 χ^2 /NDF: 5422.0/14

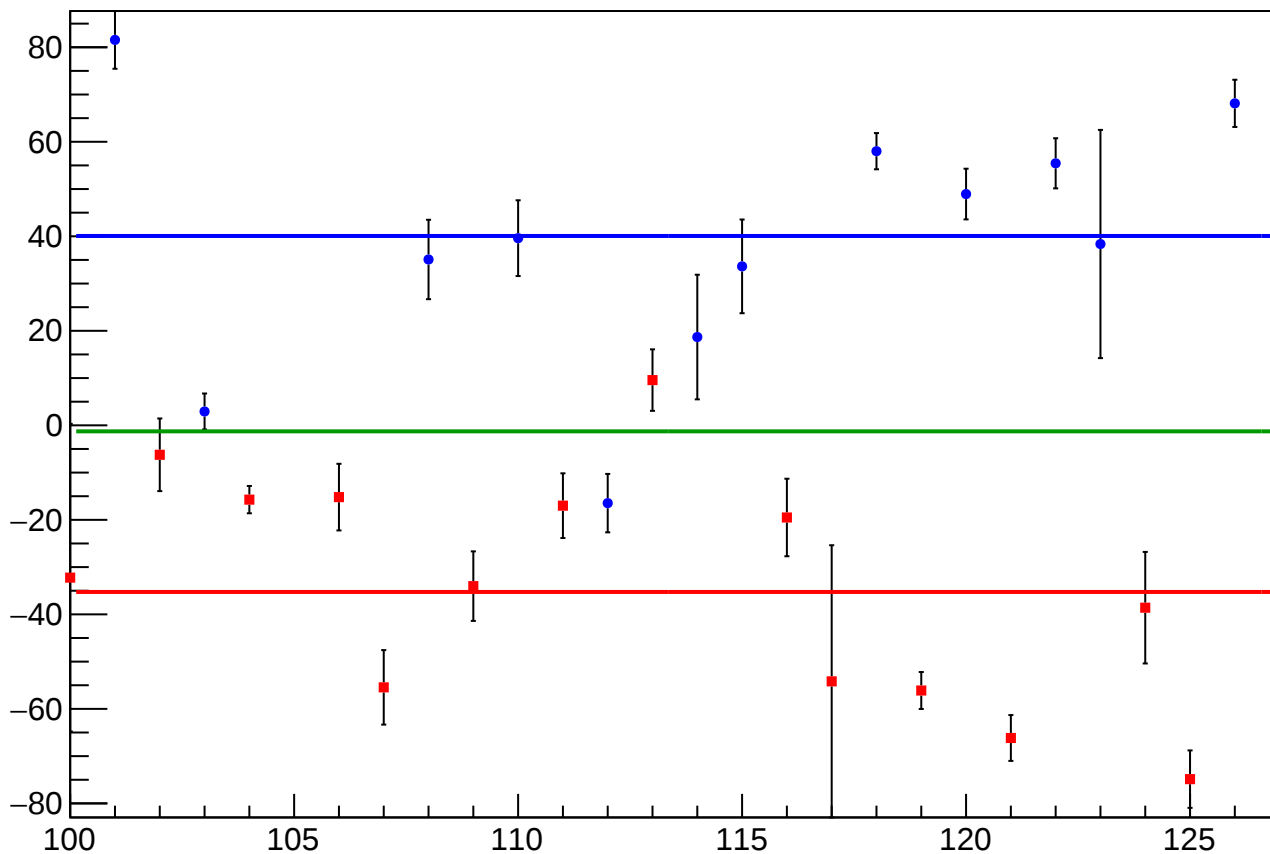
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

236.999 $\pm$ 2.556 χ^2 /NDF: 4128.2/11

-23.517 $\pm$ 1.705 χ^2 /NDF: 28269.4/26

-232.319 $\pm$ 2.288 χ^2 /NDF: 5422.0/14

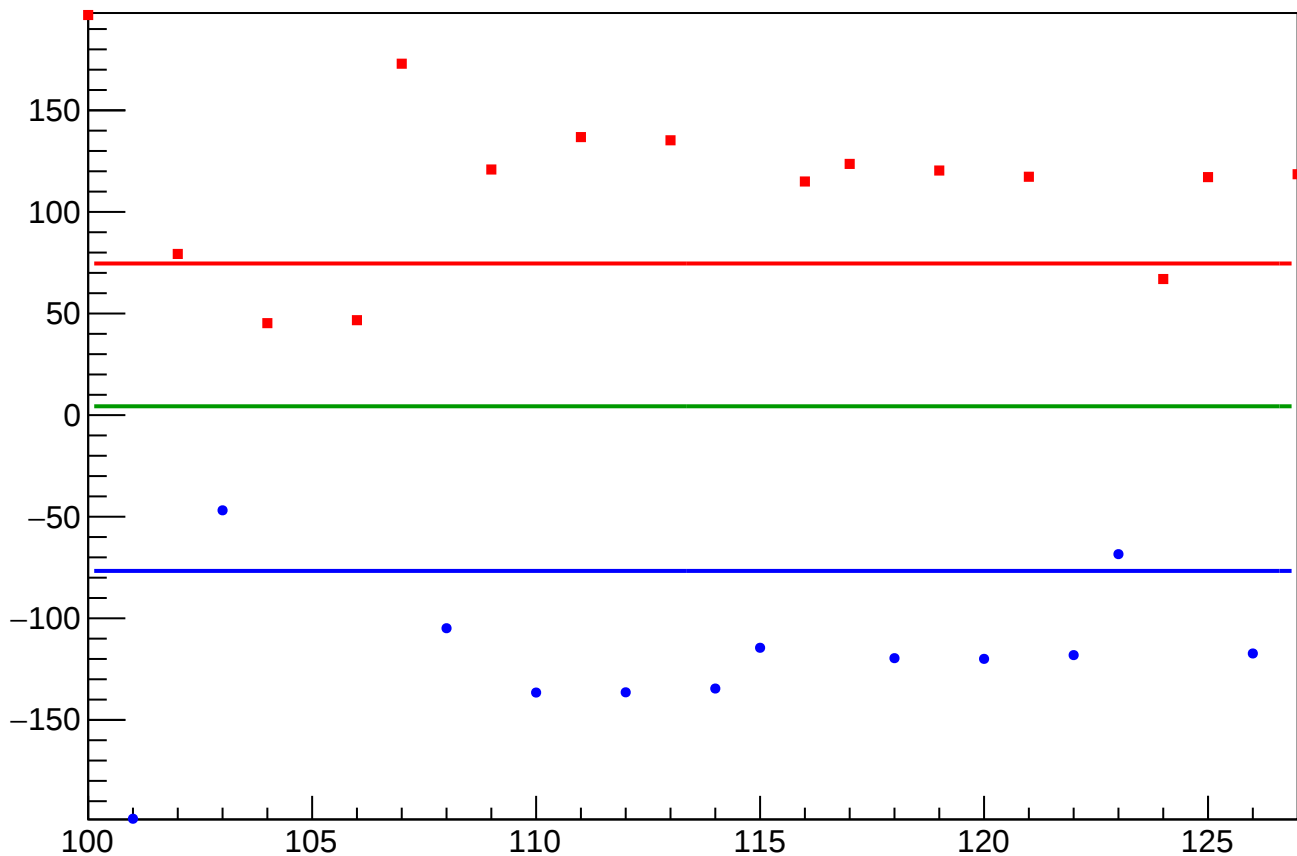
reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.070+/-1.695 χ^2 /NDF: 293.1/11
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -35.259+/-1.537 χ^2 /NDF: 269.3/14
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

40.070+/-1.695 χ^2 /NDF: 293.1/11
 -1.272+/-1.139 χ^2 /NDF: 1646.1/26
 -35.259+/-1.537 χ^2 /NDF: 269.3/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -76.673+/-0.076 χ^2/NDF : 321826.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.620+/-0.070 χ^2/NDF : 301317.0/14

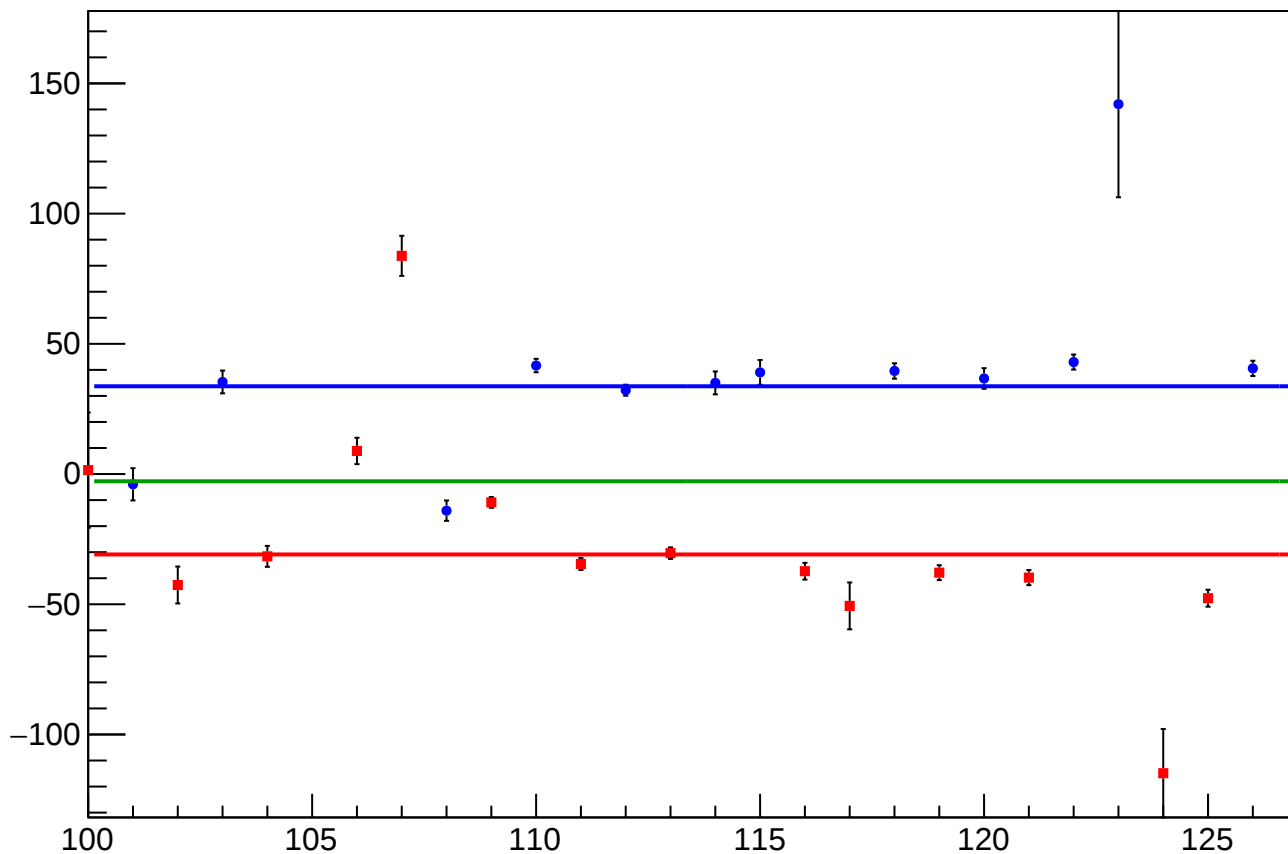
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-76.673+/-0.076 χ^2/NDF : 321826.7/11

4.348+/-0.051 χ^2/NDF : 2770363.4/26

74.620+/-0.070 χ^2/NDF : 301317.0/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 33.707+/-0.986 χ^2/NDF : 227.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.875+/-0.865 χ^2/NDF : 518.5/14

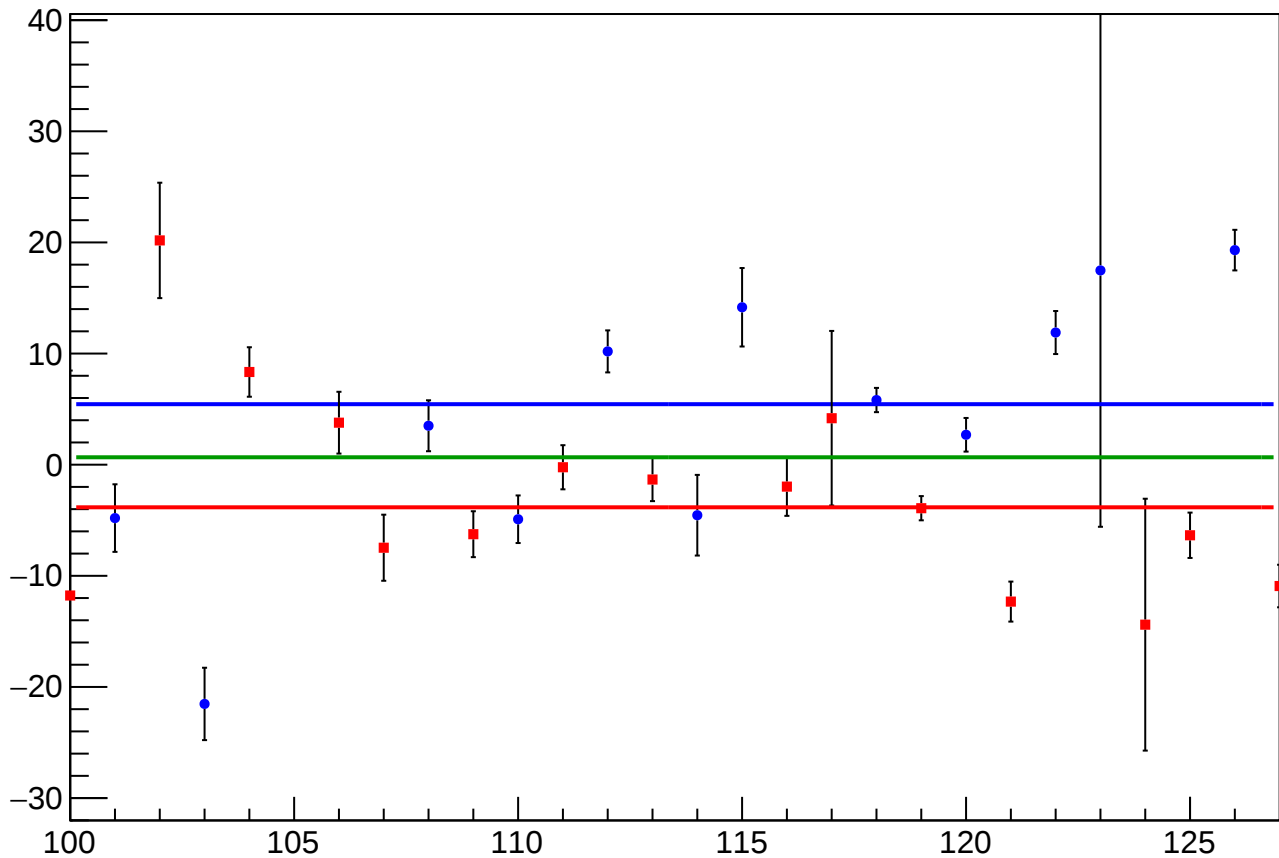
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.707+/-0.986 χ^2/NDF : 227.5/11

-2.782+/-0.650 χ^2/NDF : 3170.7/26

-30.875+/-0.865 χ^2/NDF : 518.5/14

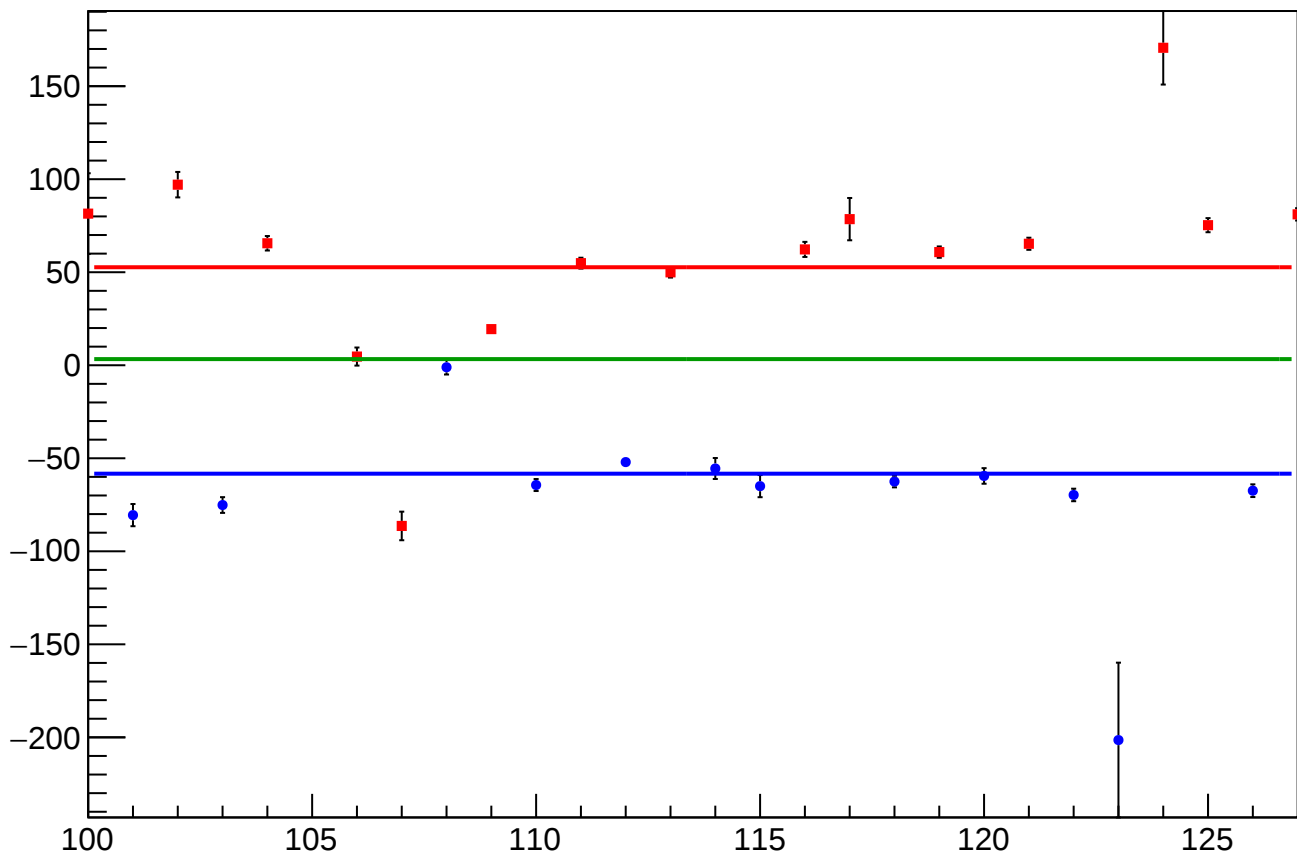
reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.444+/-0.588 χ^2/NDF : 196.5/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.835+/-0.571 χ^2/NDF : 106.6/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.444+/-0.588 χ^2/NDF : 196.5/11
 0.667+/-0.410 χ^2/NDF : 431.3/26
 -3.835+/-0.571 χ^2/NDF : 106.6/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.287±/-1.135 χ^2/NDF : 288.3/11

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.680±/-1.016 χ^2/NDF : 815.3/14

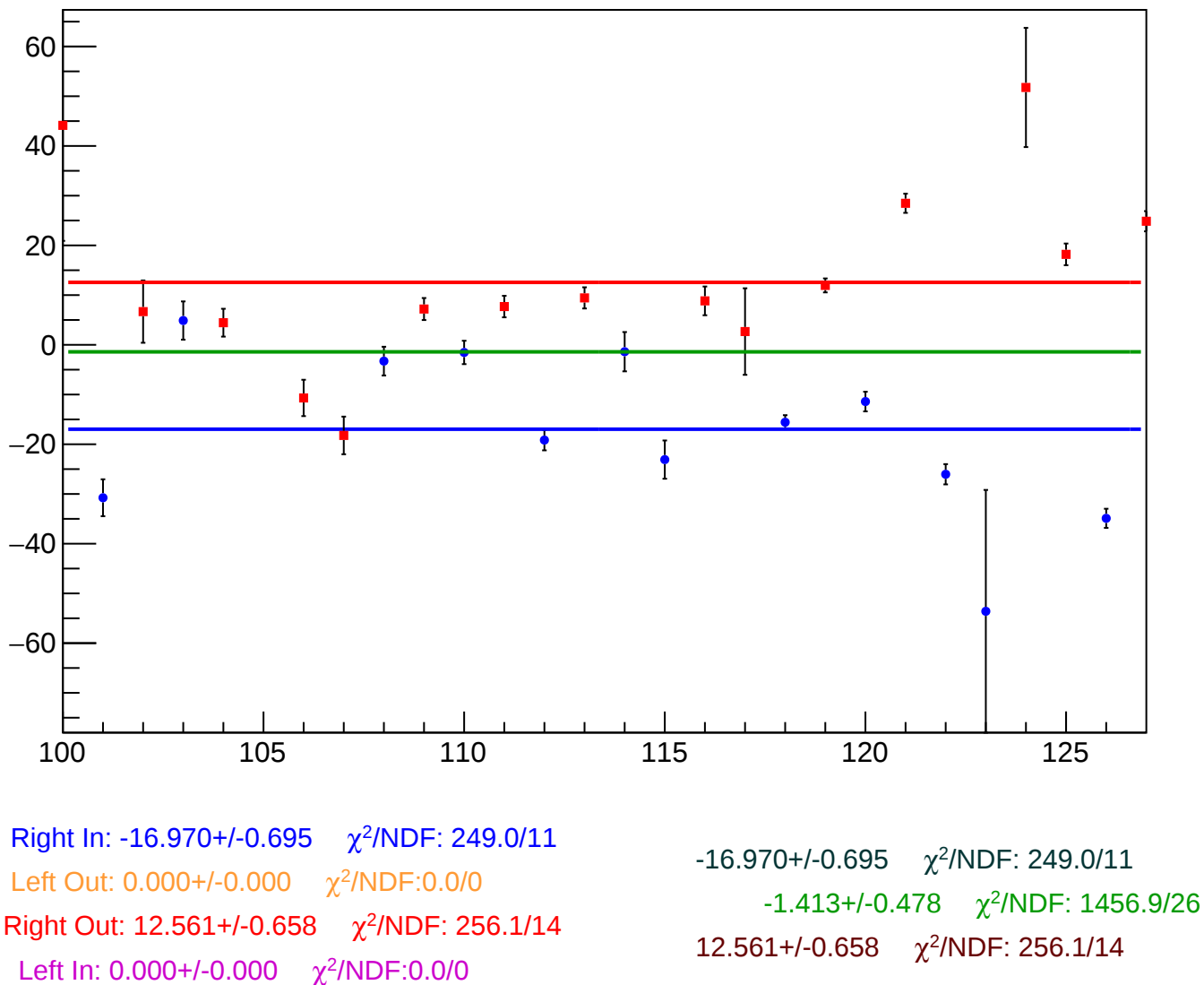
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-58.287±/-1.135 χ^2/NDF : 288.3/11

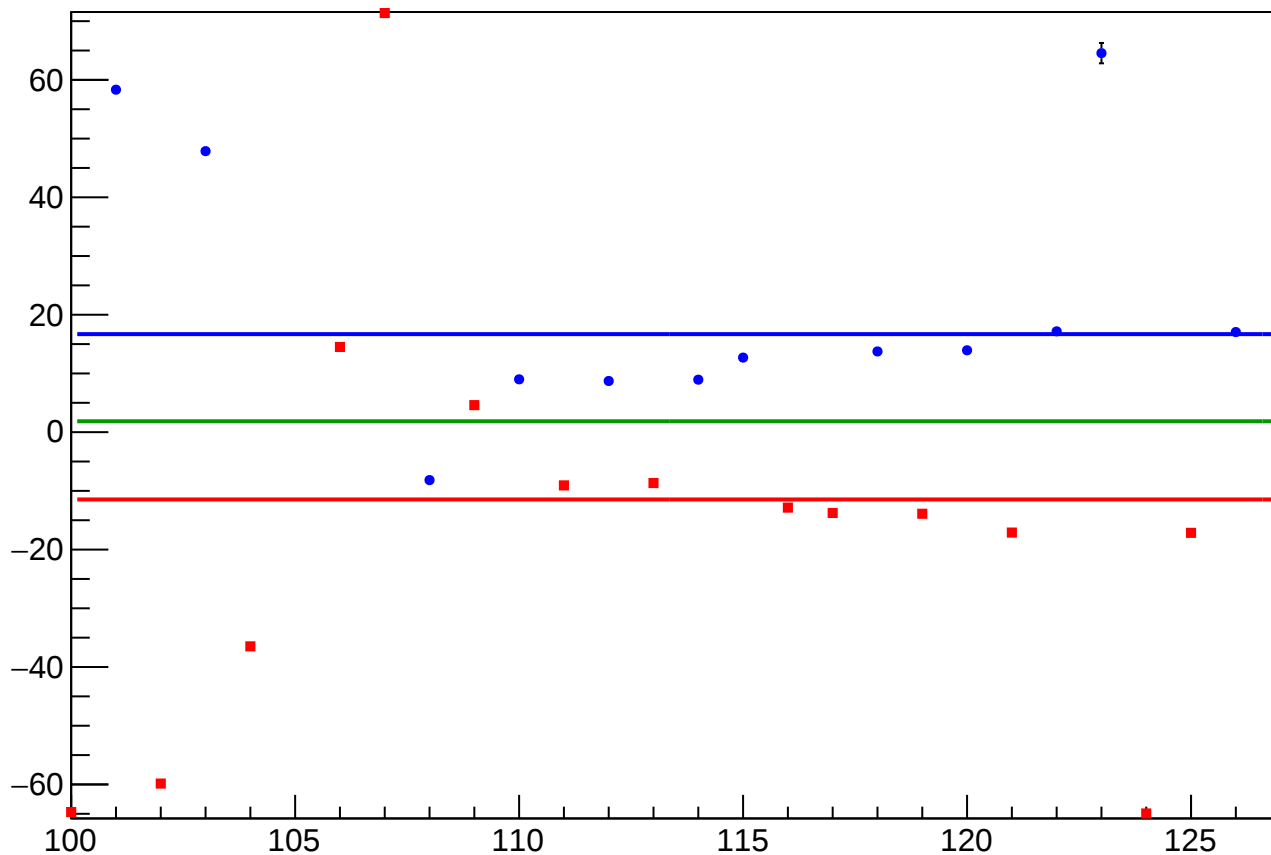
3.303±/-0.757 χ^2/NDF : 6413.4/26

52.680±/-1.016 χ^2/NDF : 815.3/14

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: 16.697 ± 0.041 χ^2/NDF : 233143.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.462 ± 0.039 χ^2/NDF : 447625.4/14

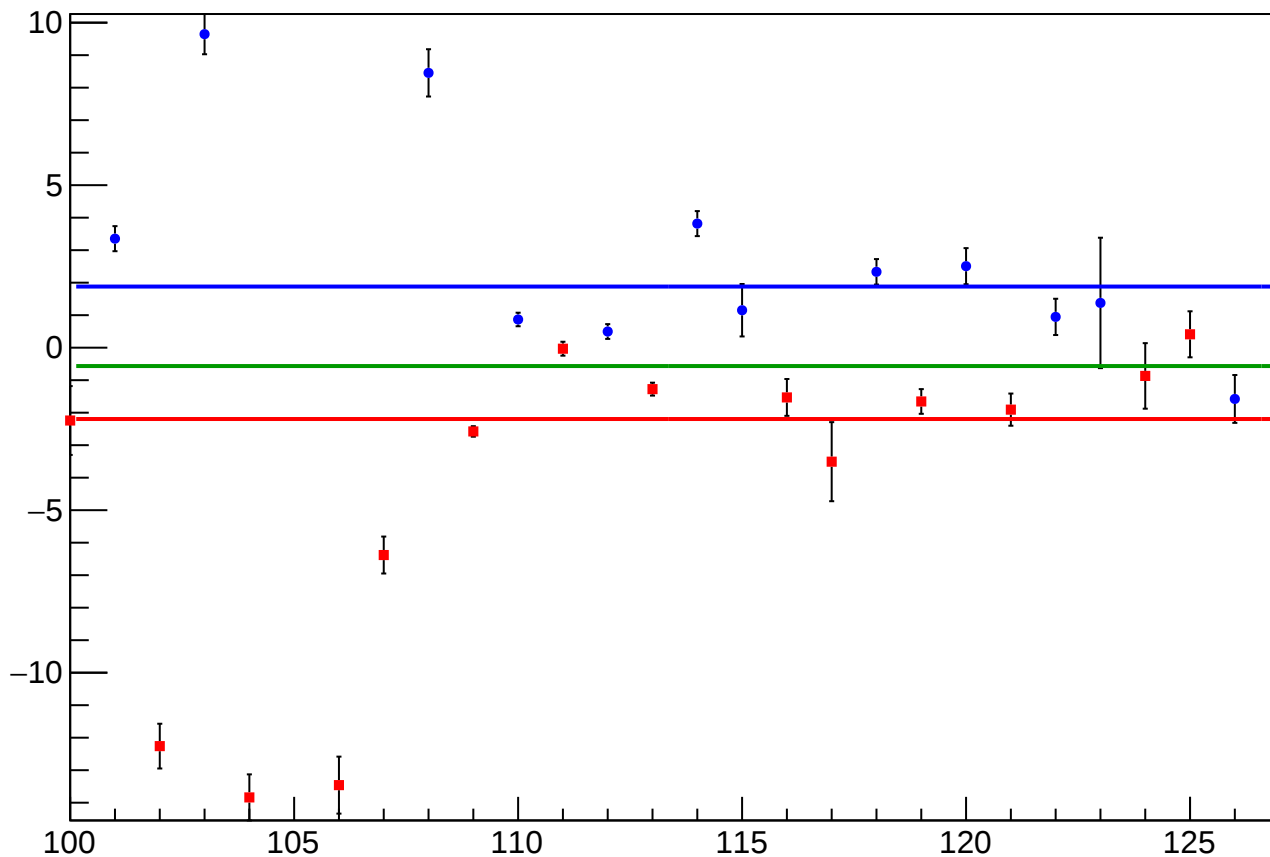
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

16.697 ± 0.041 χ^2/NDF : 233143.8/11

1.854 ± 0.029 χ^2/NDF : 923504.8/26

-11.462 ± 0.039 χ^2/NDF : 447625.4/14

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.881+/-0.114 χ^2/NDF : 368.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.195+/-0.093 χ^2/NDF : 856.3/14

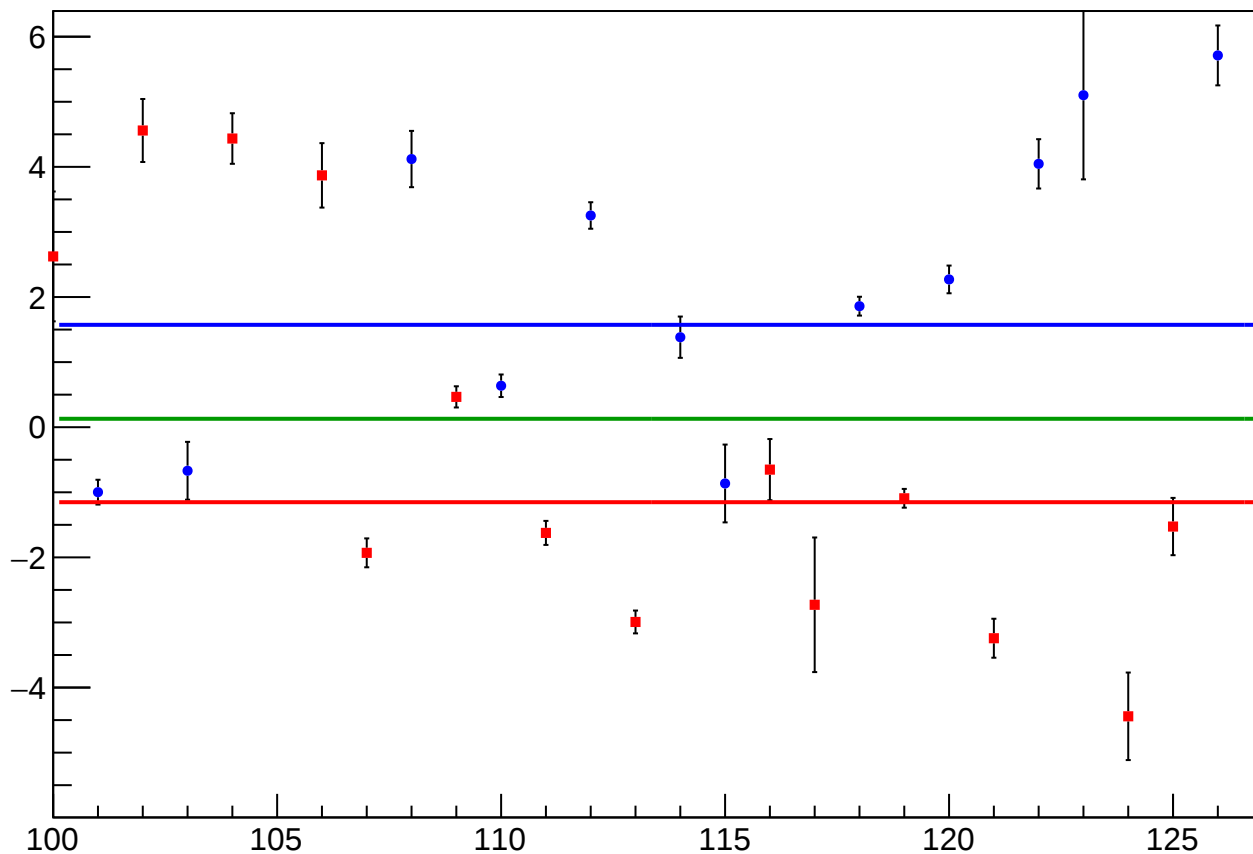
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.881+/-0.114 χ^2/NDF : 368.0/11

-0.565+/-0.072 χ^2/NDF : 1991.1/26

-2.195+/-0.093 χ^2/NDF : 856.3/14

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.573+/-0.072 χ^2/NDF : 502.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.152+/-0.068 χ^2/NDF : 894.7/14

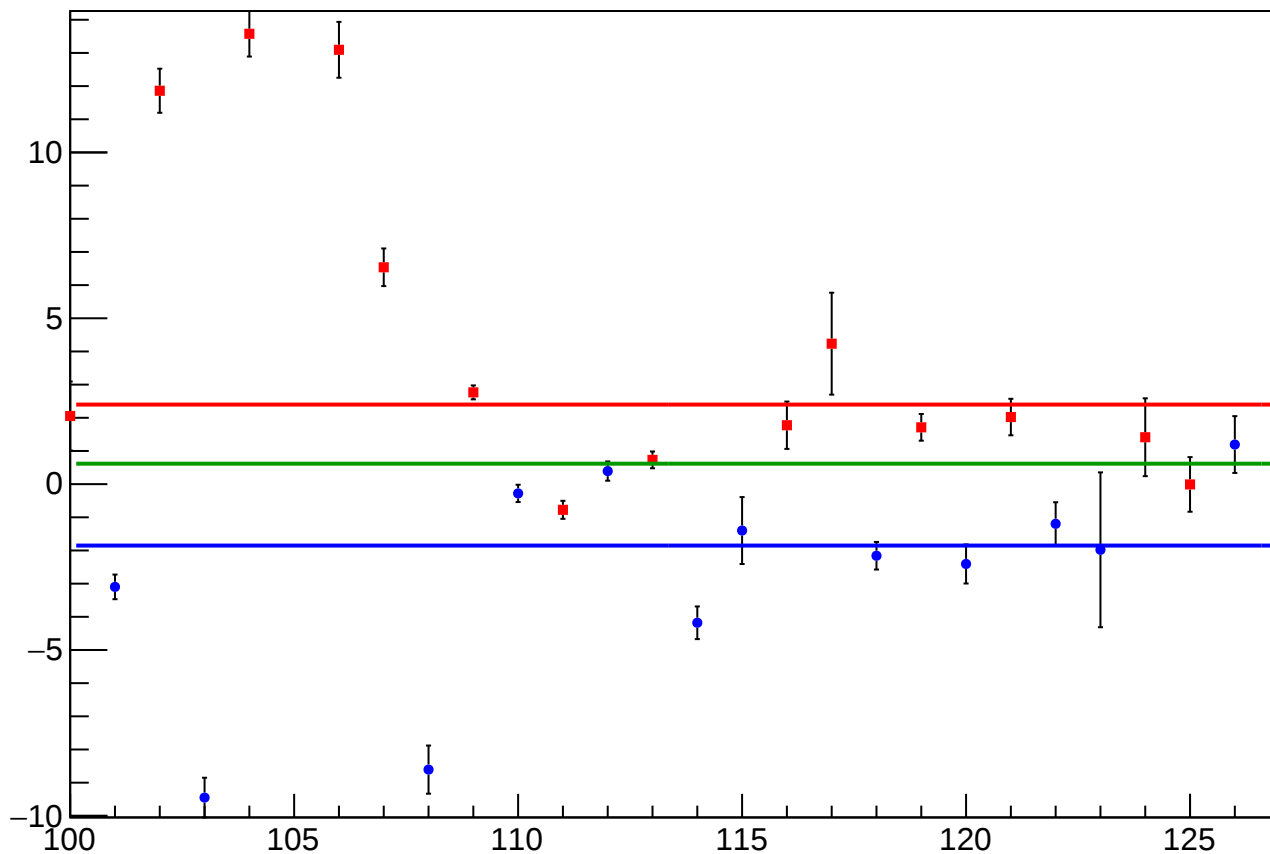
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.573+/-0.072 χ^2/NDF : 502.2/11

0.129+/-0.050 χ^2/NDF : 2145.6/26

-1.152+/-0.068 χ^2/NDF : 894.7/14

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.852 $\pm$ 0.133 χ^2/NDF : 393.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.399 $\pm$ 0.113 χ^2/NDF : 882.0/14

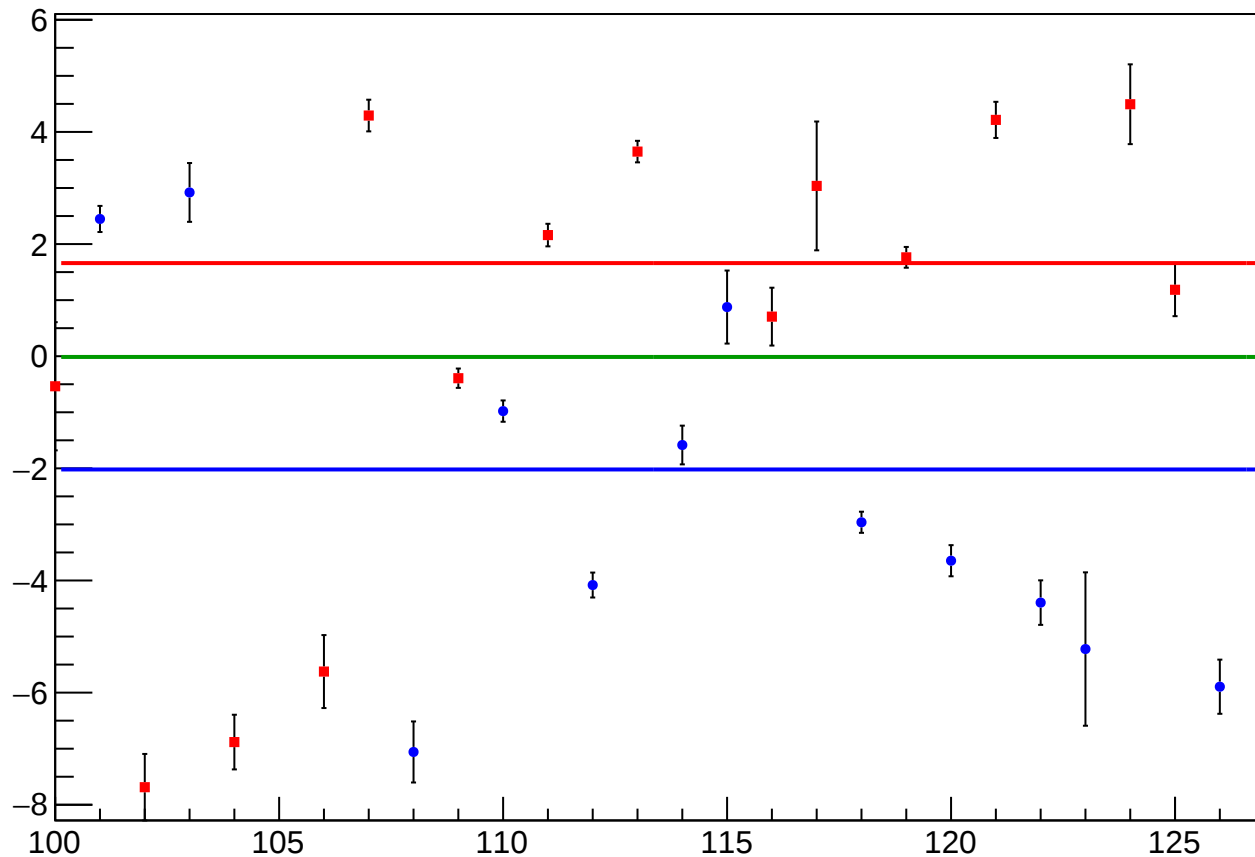
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.852 $\pm$ 0.133 χ^2/NDF : 393.2/11

0.617 $\pm$ 0.086 χ^2/NDF : 1865.6/26

2.399 $\pm$ 0.113 χ^2/NDF : 882.0/14

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.020+/-0.086 χ^2 /NDF: 844.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.661+/-0.078 χ^2 /NDF: 1202.5/14

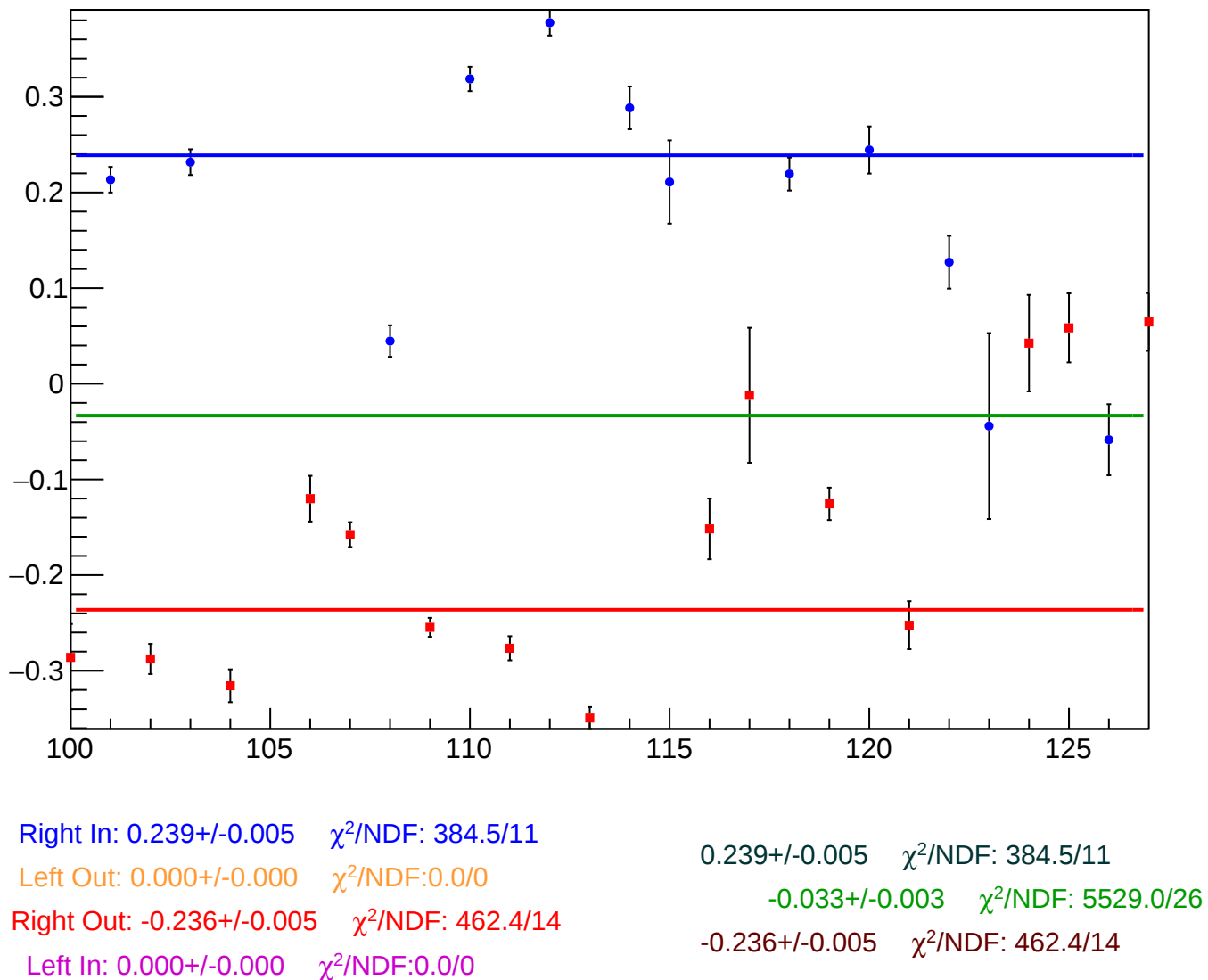
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.020+/-0.086 χ^2 /NDF: 844.8/11

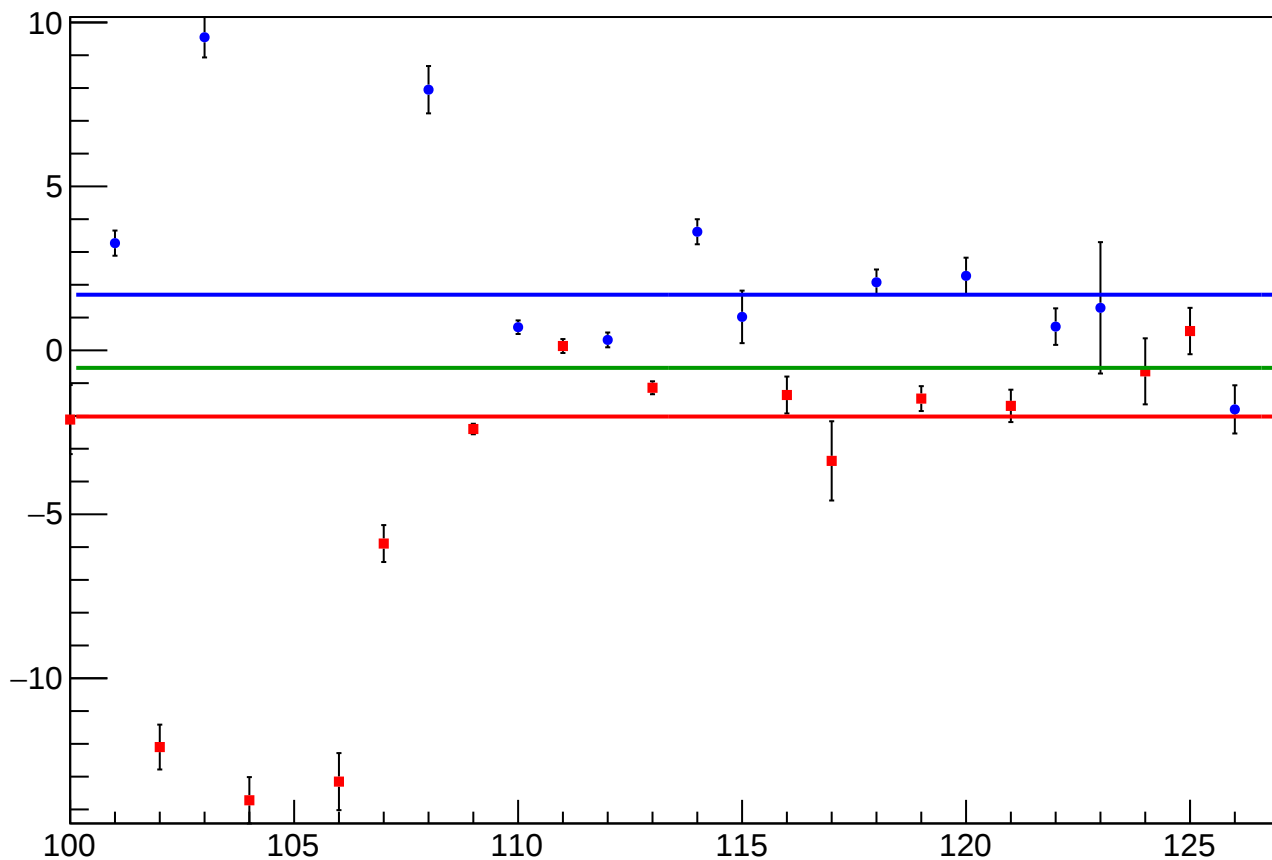
-0.013+/-0.058 χ^2 /NDF: 3054.5/26

1.661+/-0.078 χ^2 /NDF: 1202.5/14

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



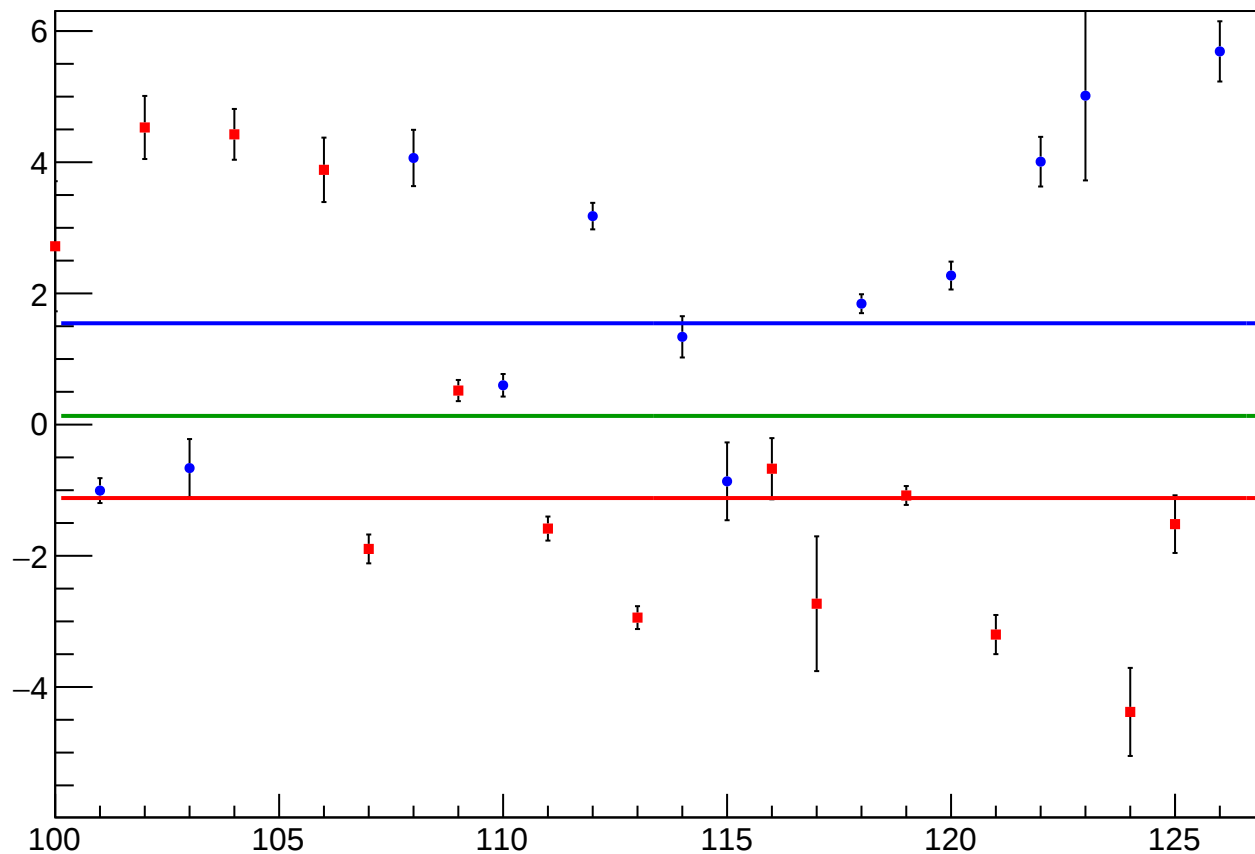
reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.697 $\pm$ 0.113 χ^2/NDF : 367.9/11
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.018 $\pm$ 0.092 χ^2/NDF : 855.8/14
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.697 $\pm$ 0.113 χ^2/NDF : 367.9/11
 -0.534 $\pm$ 0.072 χ^2/NDF : 1868.7/26
 -2.018 $\pm$ 0.092 χ^2/NDF : 855.8/14

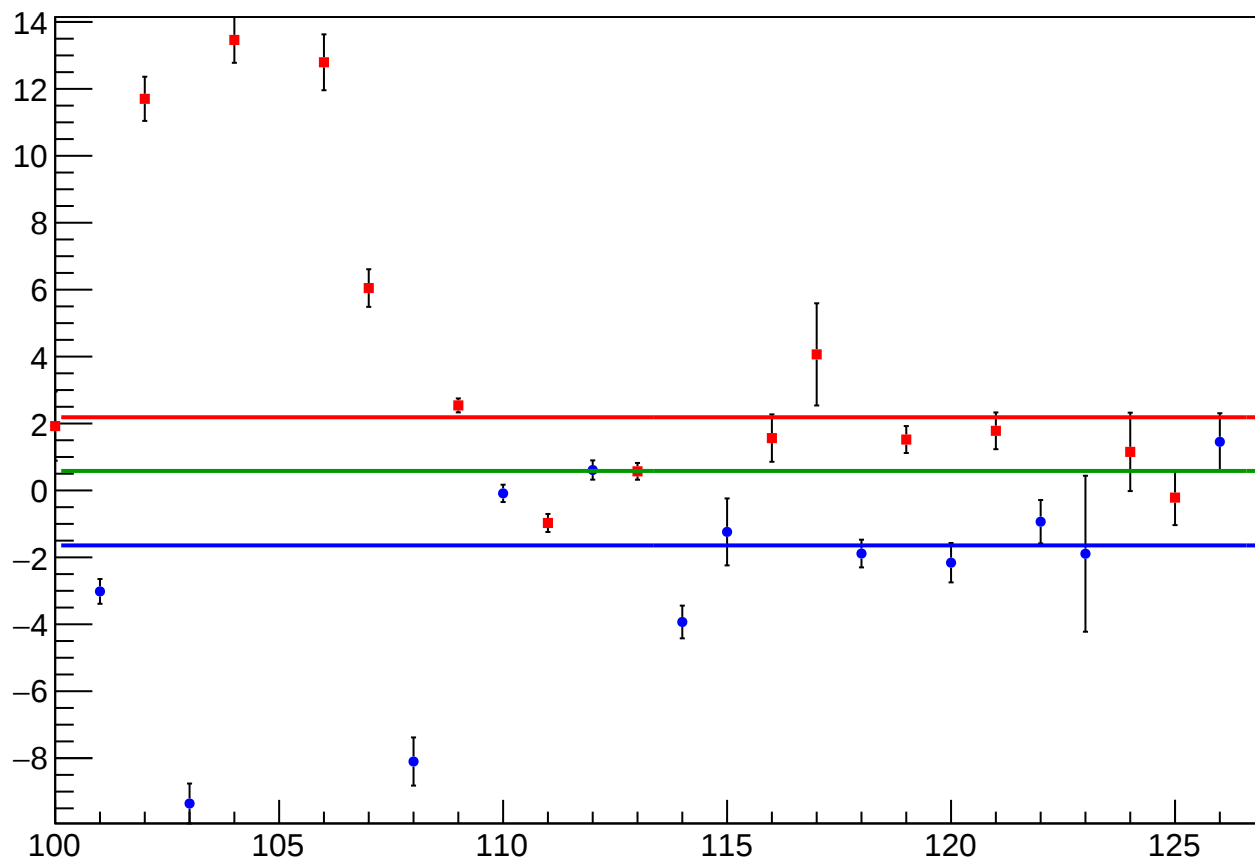
reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.545 $\pm$ 0.072 χ^2 /NDF: 499.7/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1.120 $\pm$ 0.068 χ^2 /NDF: 898.4/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.545 $\pm$ 0.072 χ^2 /NDF: 499.7/11
 0.133 $\pm$ 0.049 χ^2 /NDF: 2121.2/26
 -1.120 $\pm$ 0.068 χ^2 /NDF: 898.4/14

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.643 $\pm$ 0.133 χ^2/NDF : 396.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.187 $\pm$ 0.113 χ^2/NDF : 886.2/14

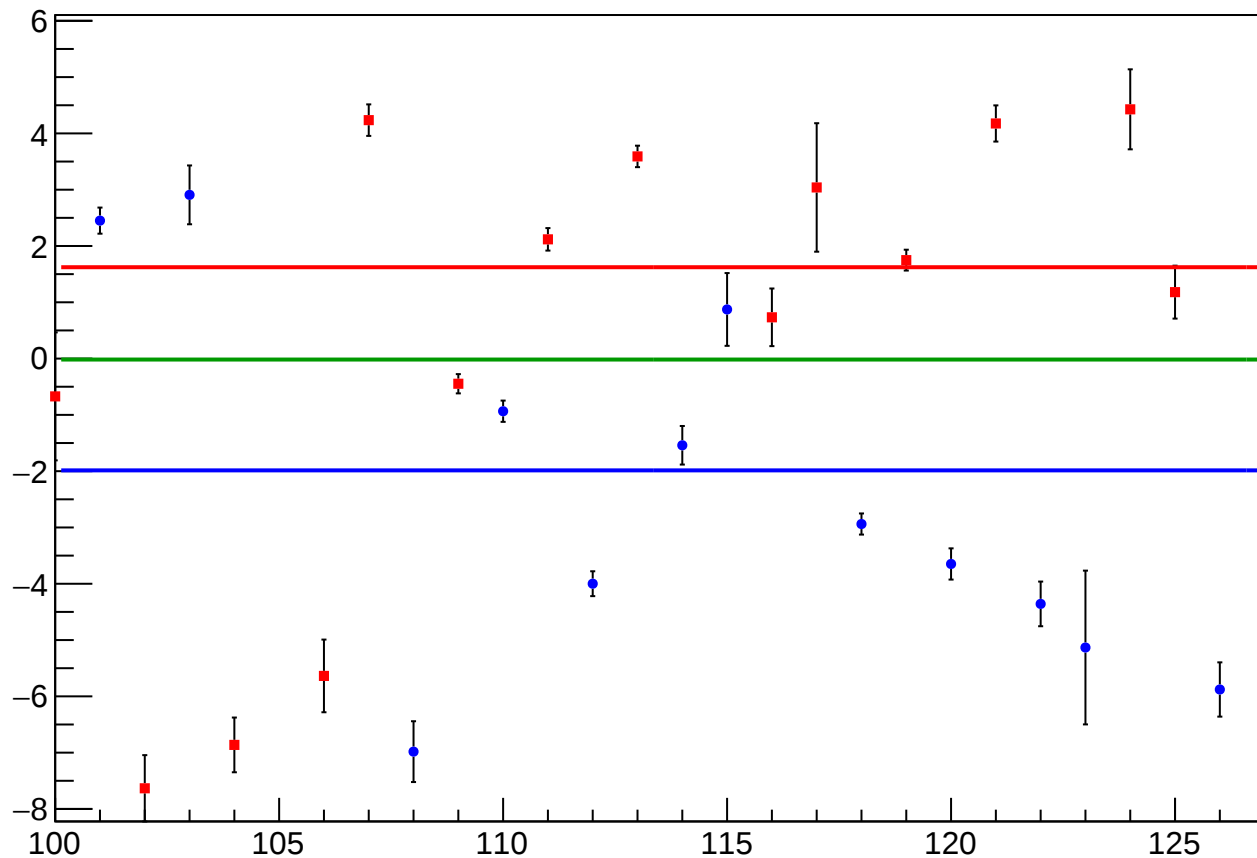
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.643 $\pm$ 0.133 χ^2/NDF : 396.7/11

0.583 $\pm$ 0.086 χ^2/NDF : 1767.8/26

2.187 $\pm$ 0.113 χ^2/NDF : 886.2/14

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.986+/-0.085 χ^2 /NDF: 842.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.623+/-0.078 χ^2 /NDF: 1206.5/14

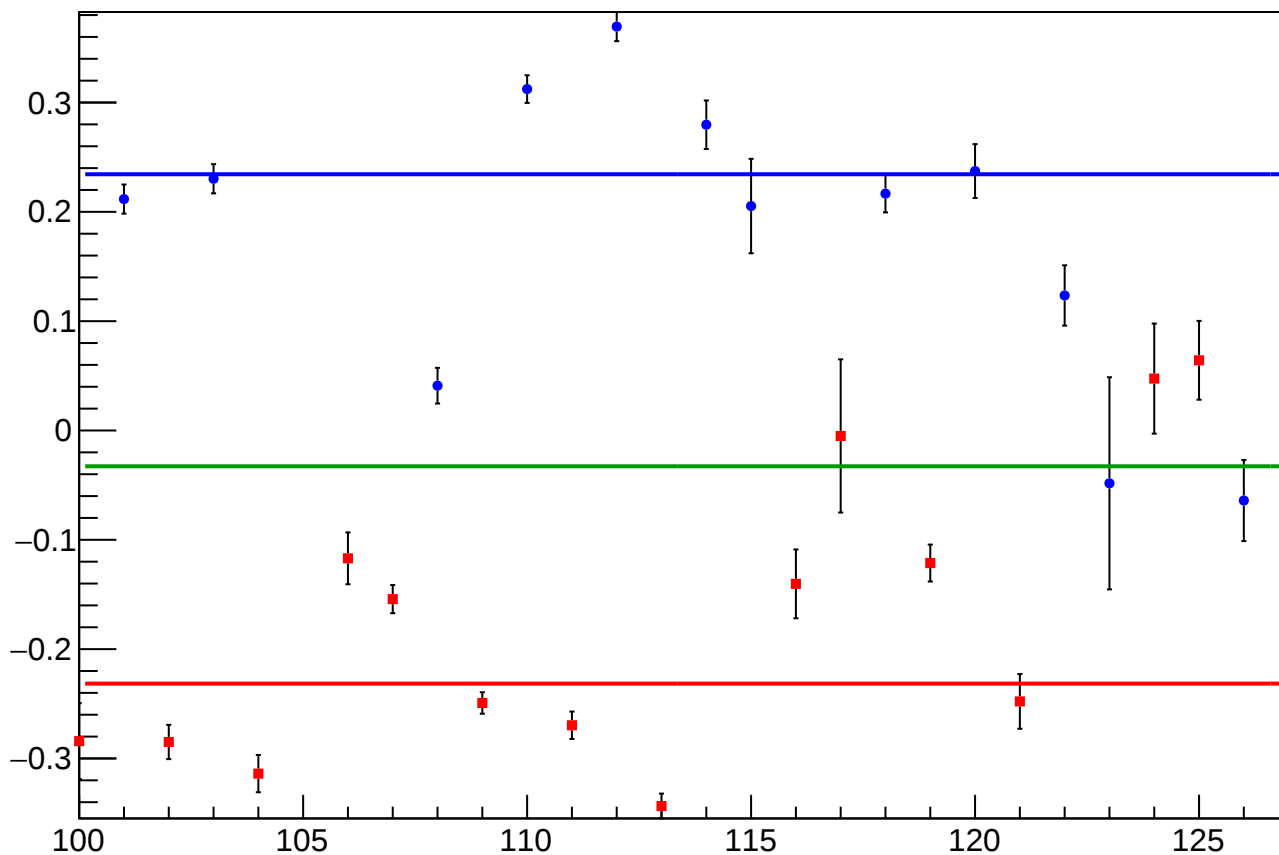
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.986+/-0.085 χ^2 /NDF: 842.9/11

-0.017+/-0.057 χ^2 /NDF: 3027.9/26

1.623+/-0.078 χ^2 /NDF: 1206.5/14

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234 $\pm$ 0.005 χ^2 /NDF: 378.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.232 $\pm$ 0.005 χ^2 /NDF: 467.1/14

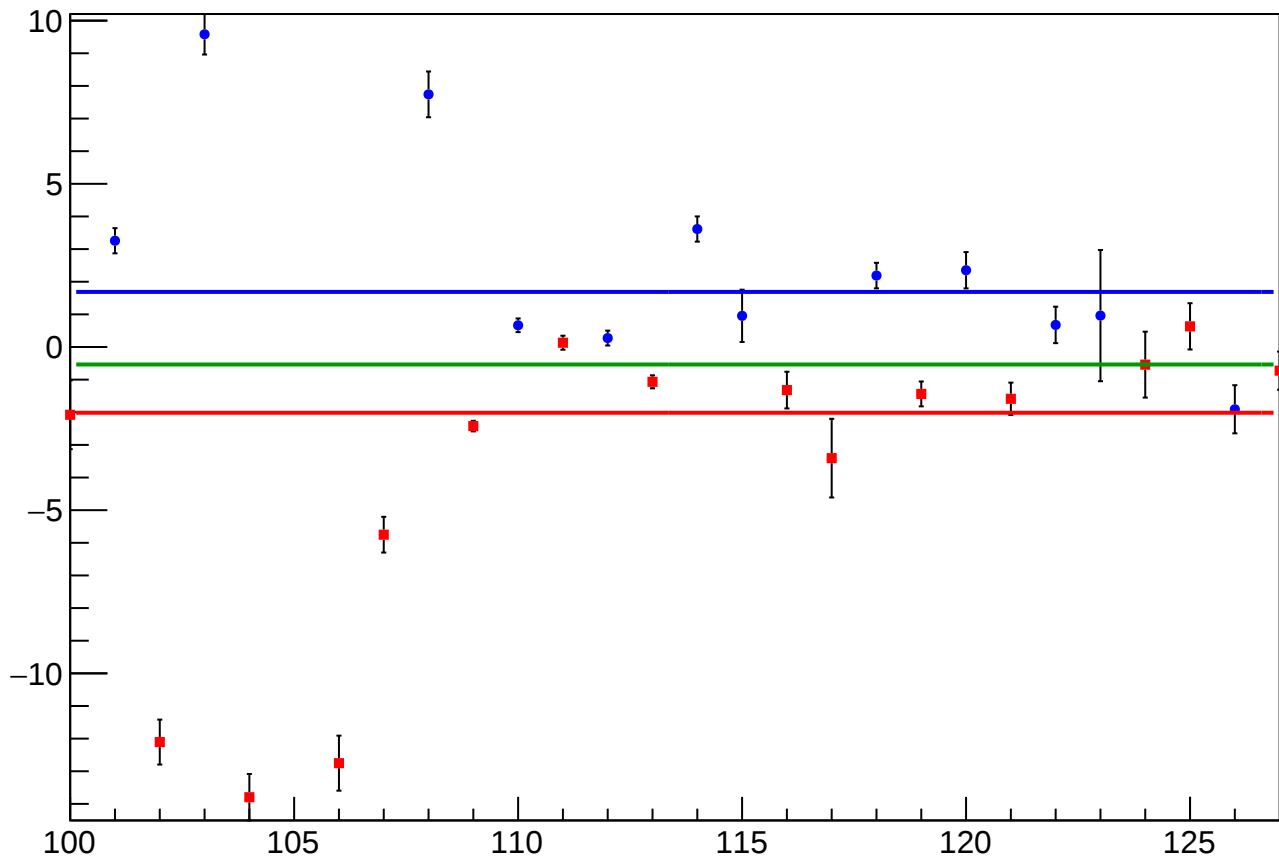
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.234 $\pm$ 0.005 χ^2 /NDF: 378.8/11

-0.033 $\pm$ 0.003 χ^2 /NDF: 5400.9/26

-0.232 $\pm$ 0.005 χ^2 /NDF: 467.1/14

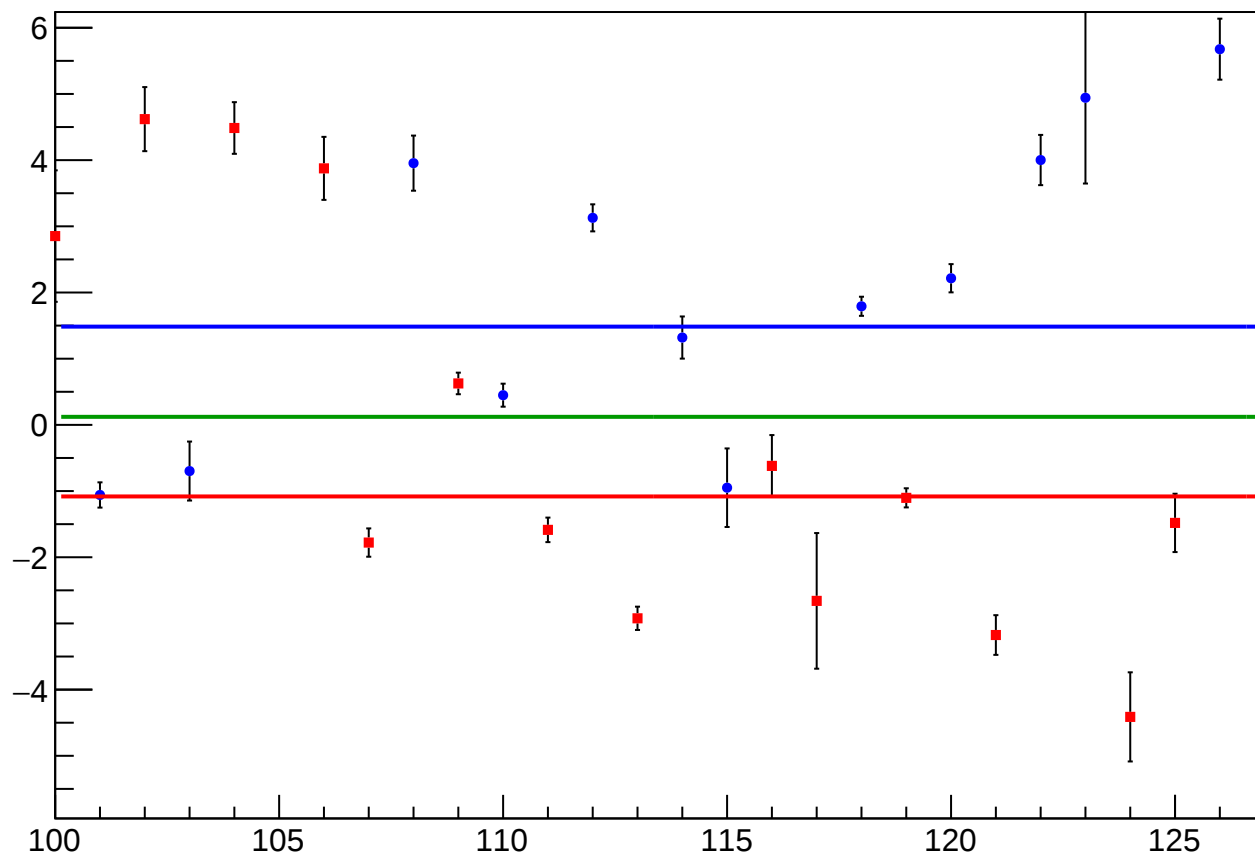
reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.688 $\pm$ 0.114 χ^2 /NDF: 371.1/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -2.015 $\pm$ 0.093 χ^2 /NDF: 852.7/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.688 $\pm$ 0.114 χ^2 /NDF: 371.1/11
 -0.536 $\pm$ 0.072 χ^2 /NDF: 1855.4/26
 -2.015 $\pm$ 0.093 χ^2 /NDF: 852.7/14

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.485+/-0.073 χ^2/NDF : 504.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.081+/-0.068 χ^2/NDF : 908.2/14

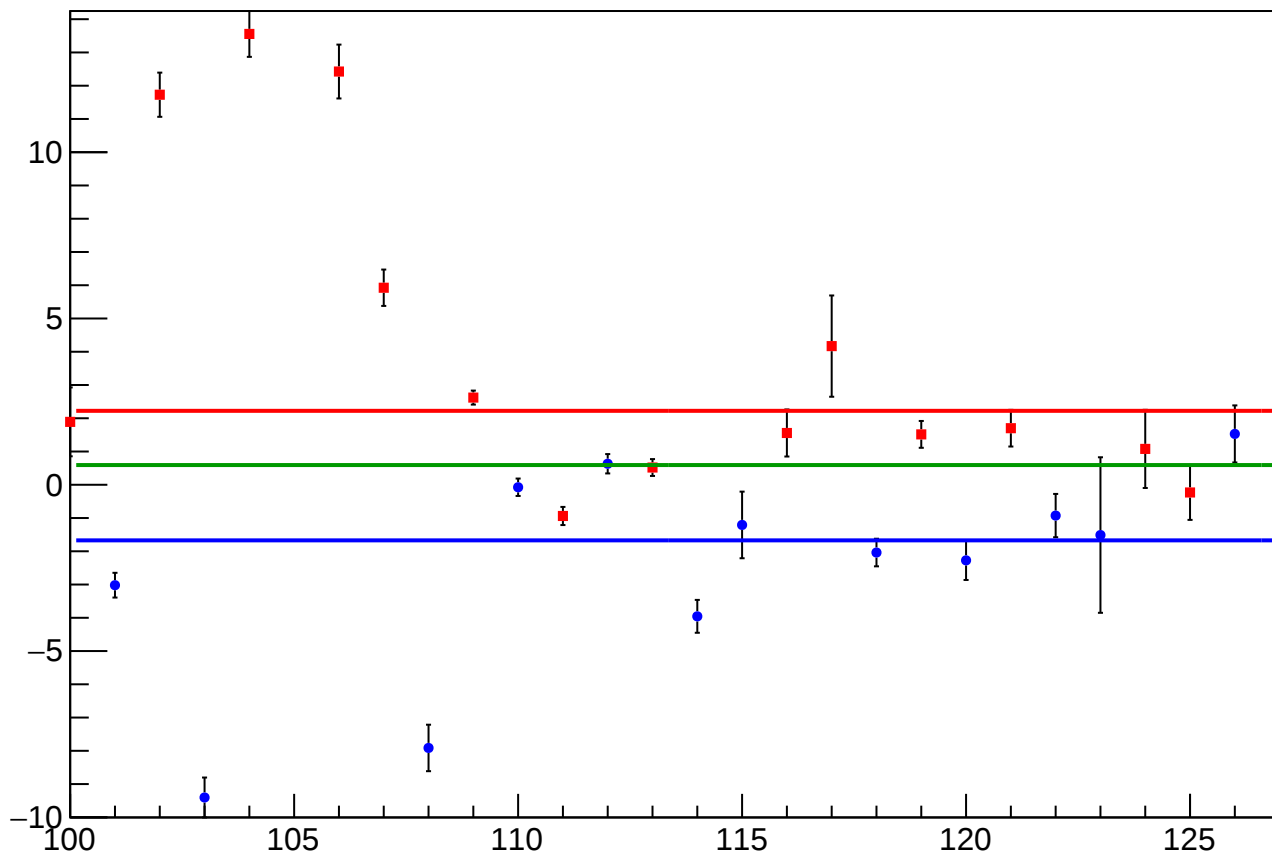
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.485+/-0.073 χ^2/NDF : 504.2/11

0.122+/-0.050 χ^2/NDF : 2077.3/26

-1.081+/-0.068 χ^2/NDF : 908.2/14

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.672±/0.133 χ^2/NDF : 397.5/11

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 2.223±/0.113 χ^2/NDF : 881.0/14

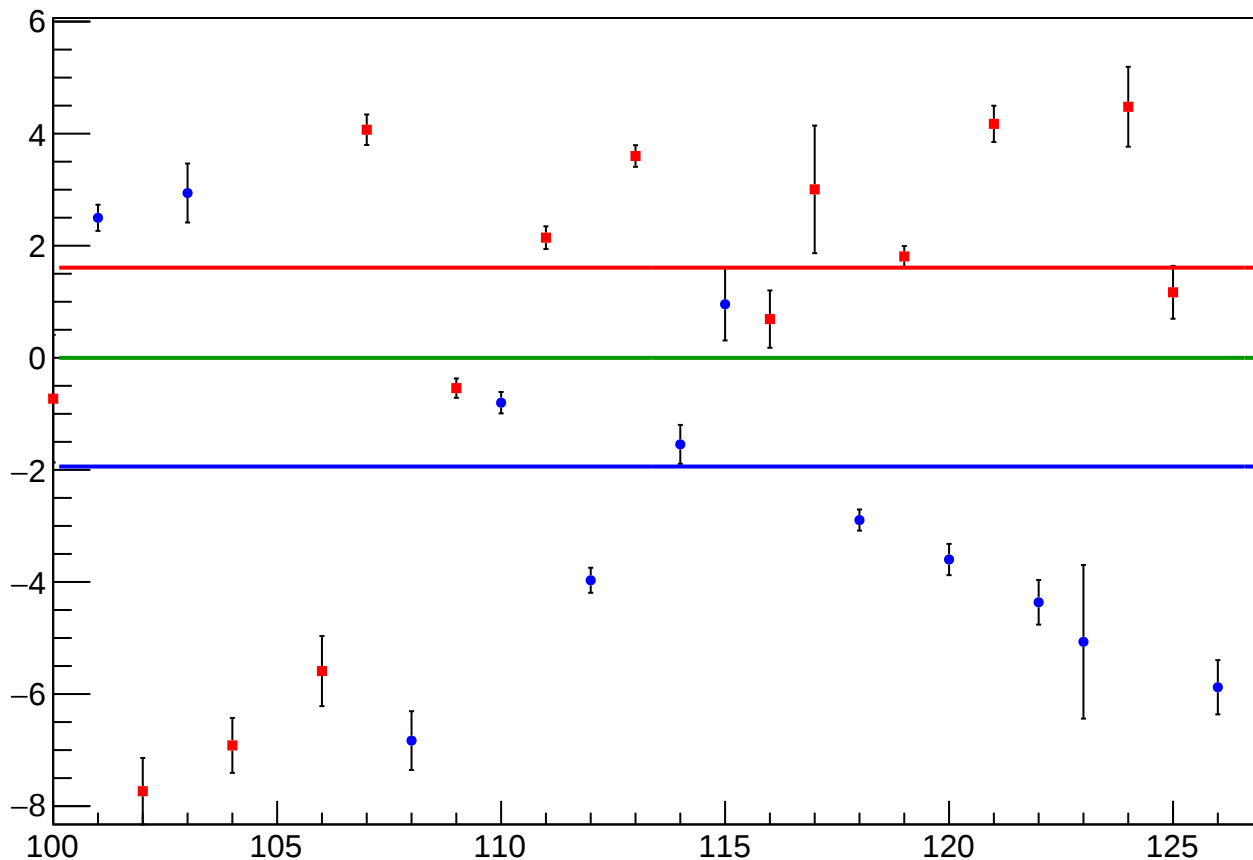
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-1.672±/0.133 χ^2/NDF : 397.5/11

0.593±/0.086 χ^2/NDF : 1773.9/26

2.223±/0.113 χ^2/NDF : 881.0/14

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.940+/-0.086 χ^2/NDF : 844.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.609+/-0.078 χ^2/NDF : 1215.7/14

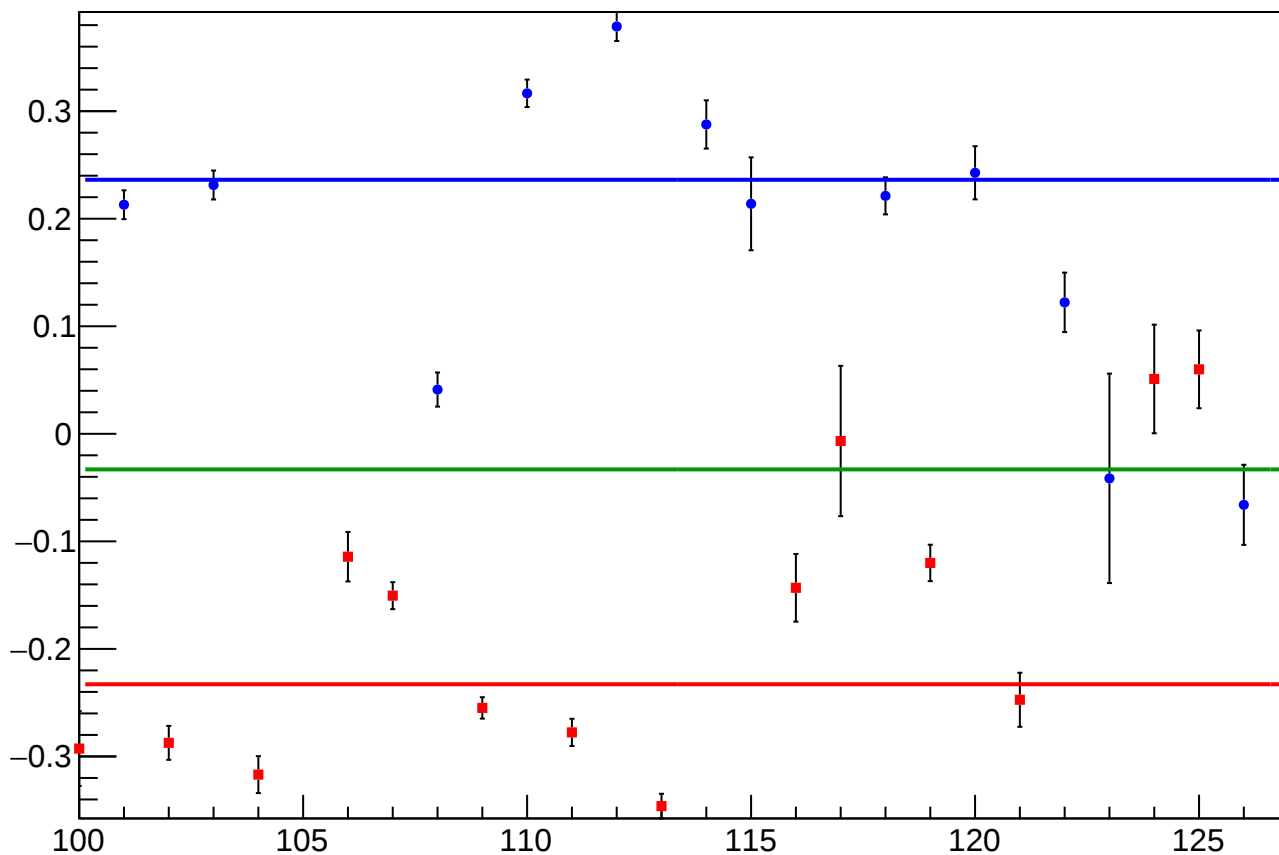
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.940+/-0.086 χ^2/NDF : 844.8/11

-0.001+/-0.058 χ^2/NDF : 2997.4/26

1.609+/-0.078 χ^2/NDF : 1215.7/14

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236 ± 0.005 χ^2/NDF : 403.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.233 ± 0.005 χ^2/NDF : 480.3/14

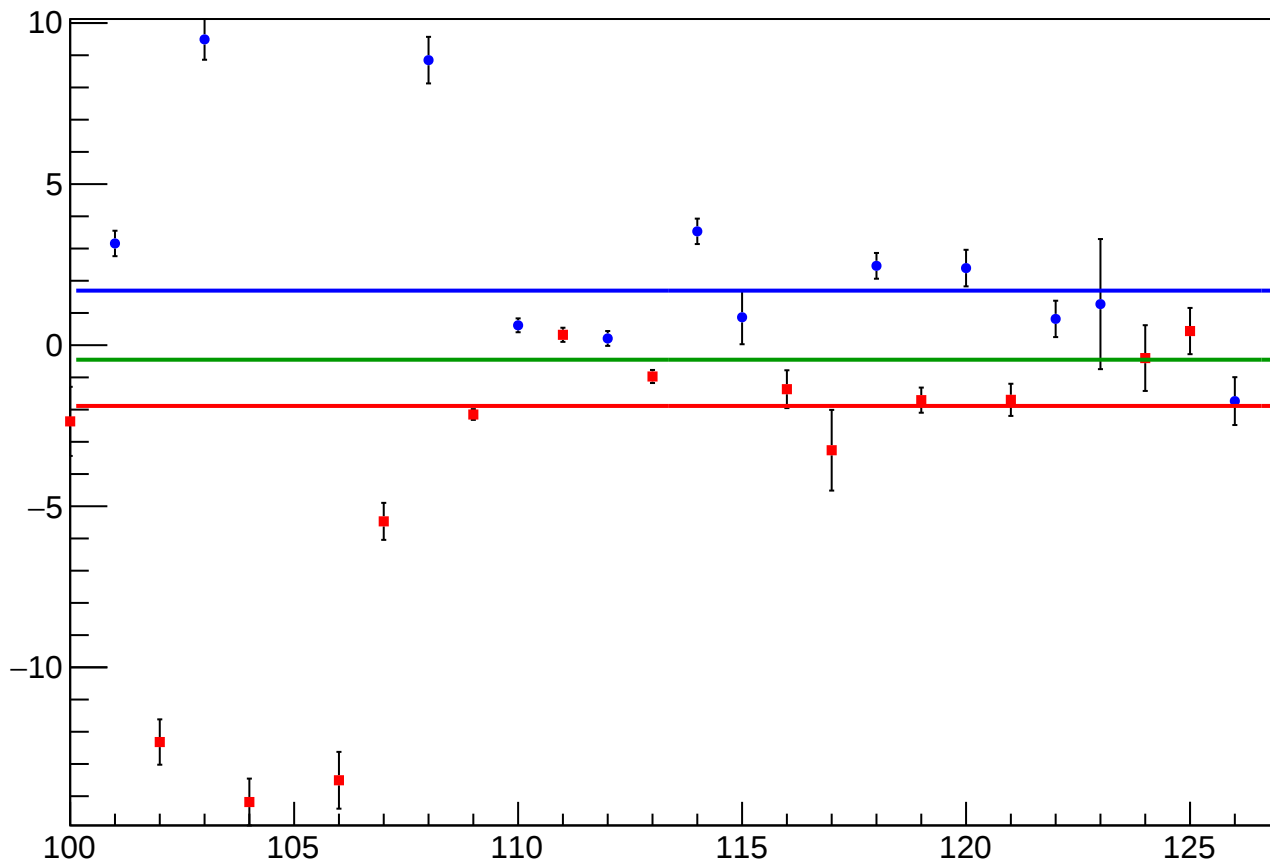
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.236 ± 0.005 χ^2/NDF : 403.0/11

-0.033 ± 0.003 χ^2/NDF : 5474.9/26

-0.233 ± 0.005 χ^2/NDF : 480.3/14

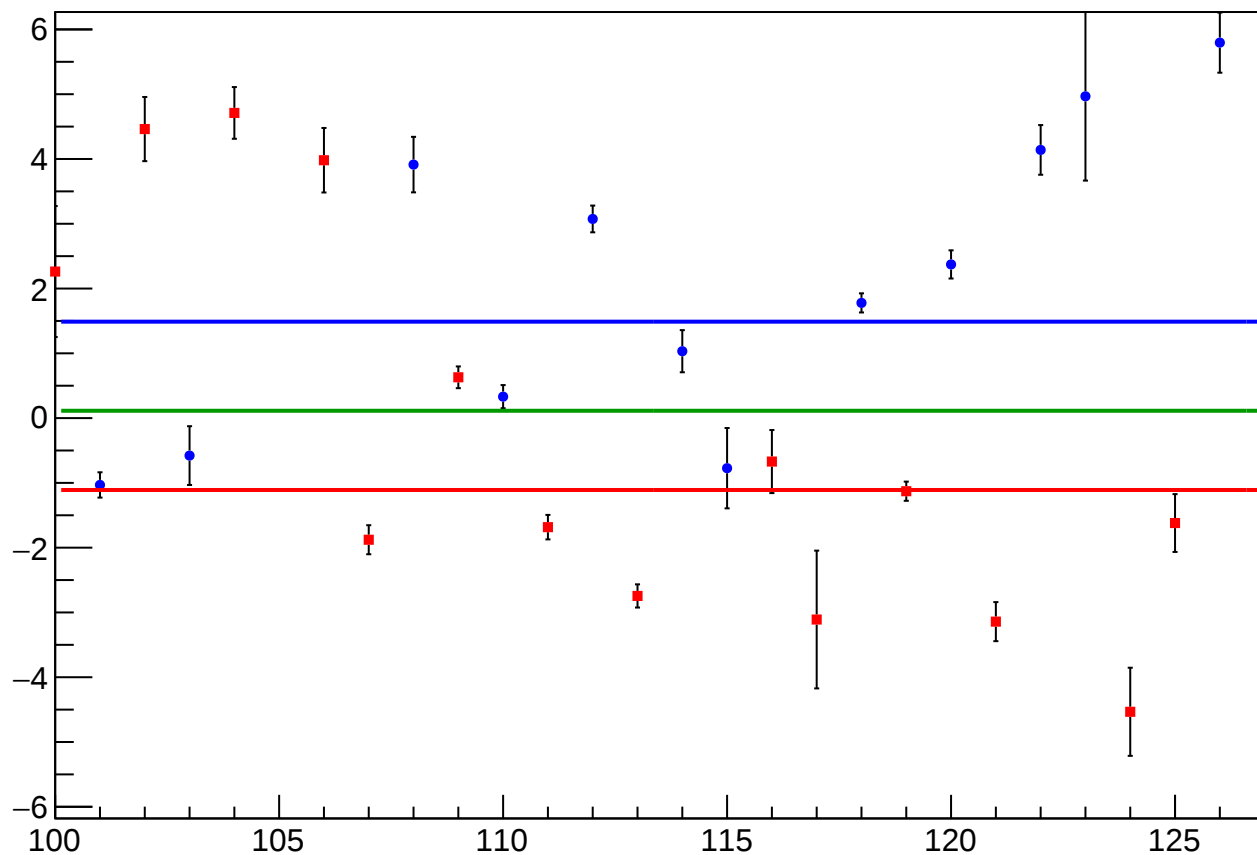
reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.694 $\pm$ 0.117 χ^2 /NDF: 382.1/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1.886 $\pm$ 0.095 χ^2 /NDF: 861.7/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.694 $\pm$ 0.117 χ^2 /NDF: 382.1/11
 -0.451 $\pm$ 0.074 χ^2 /NDF: 1809.0/26
 -1.886 $\pm$ 0.095 χ^2 /NDF: 861.7/14

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.489+/-0.074 χ^2/NDF : 496.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.110+/-0.070 χ^2/NDF : 880.3/14

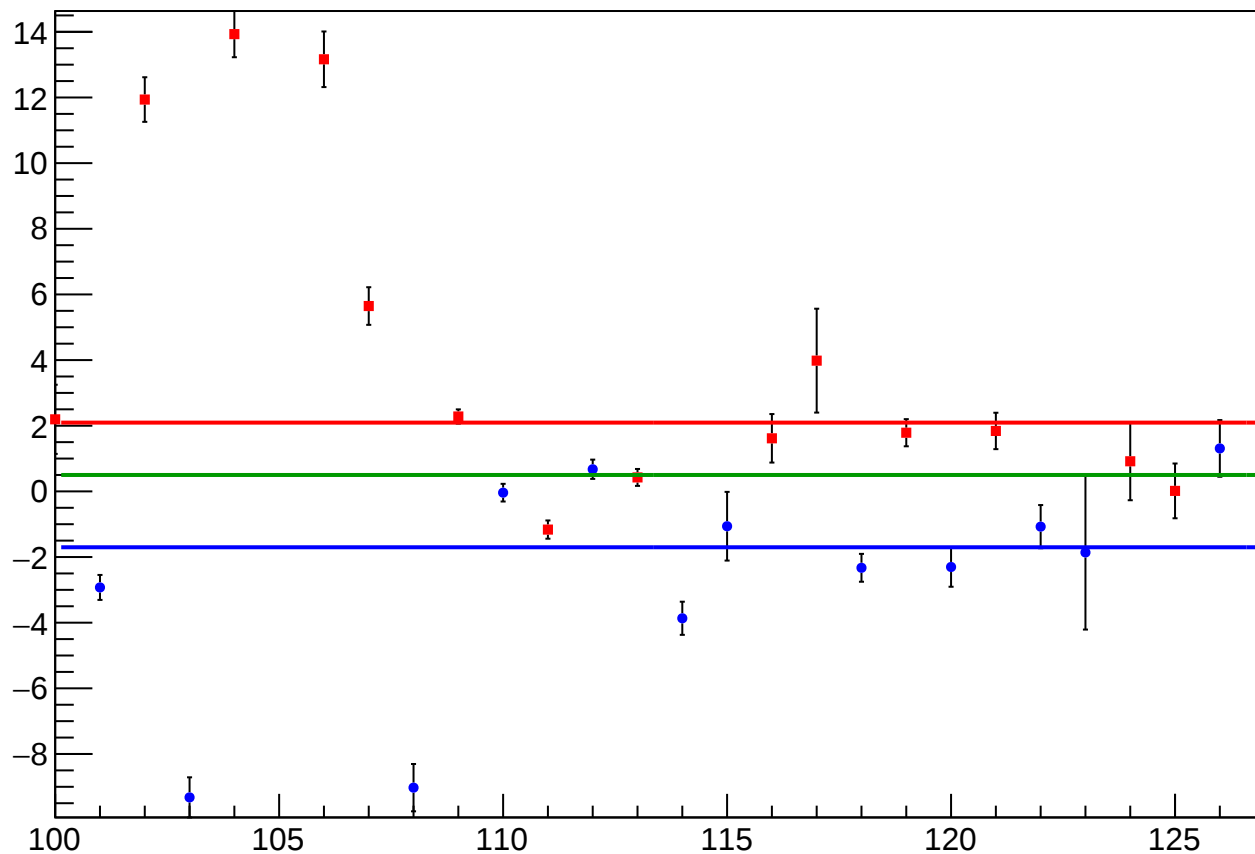
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.489+/-0.074 χ^2/NDF : 496.9/11

0.113+/-0.051 χ^2/NDF : 2029.0/26

-1.110+/-0.070 χ^2/NDF : 880.3/14

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.702+/-0.136 χ^2/NDF : 407.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.095+/-0.116 χ^2/NDF : 892.8/14

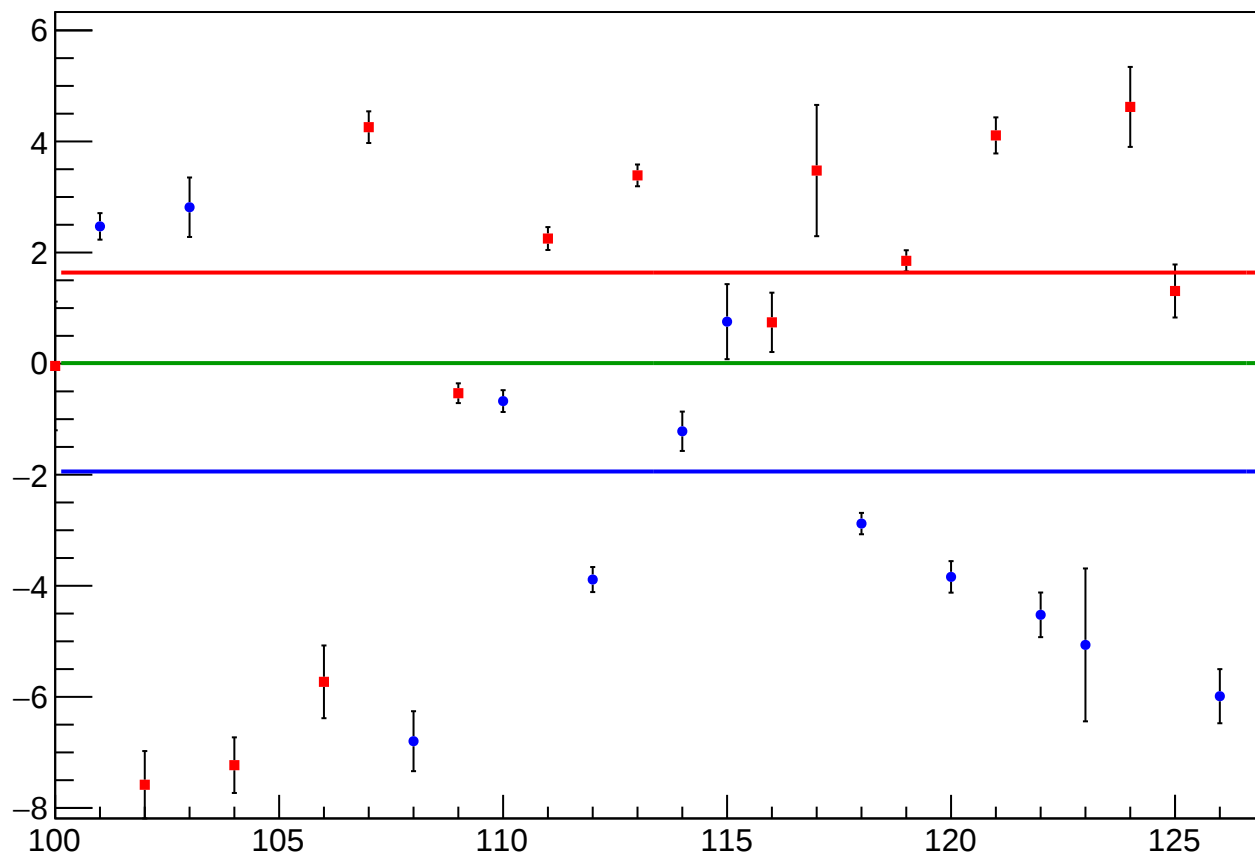
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.702+/-0.136 χ^2/NDF : 407.5/11

0.500+/-0.088 χ^2/NDF : 1750.9/26

2.095+/-0.116 χ^2/NDF : 892.8/14

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.942 ± 0.088 $\chi^2/\text{NDF}: 821.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.639 ± 0.080 $\chi^2/\text{NDF}: 1178.2/14$

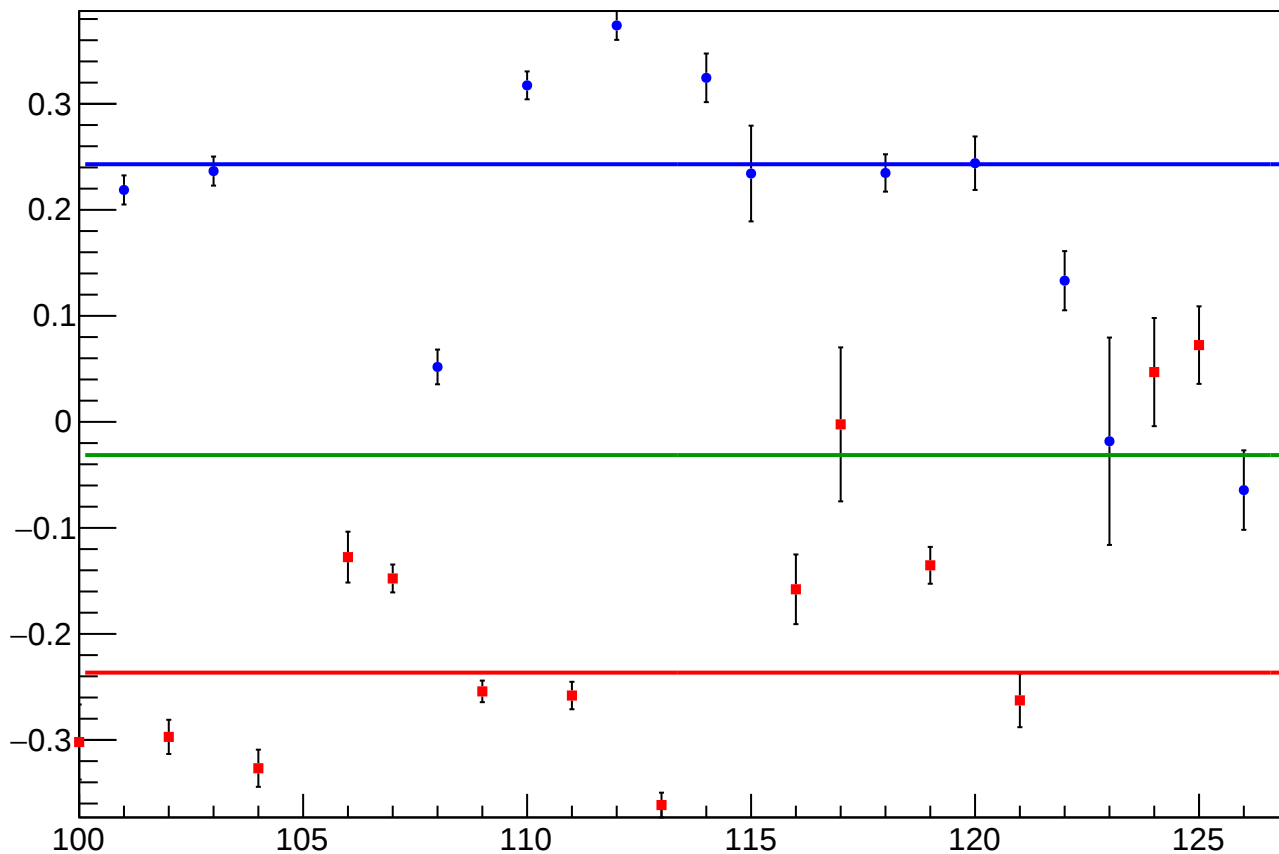
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.942 ± 0.088 $\chi^2/\text{NDF}: 821.6/11$

0.009 ± 0.059 $\chi^2/\text{NDF}: 2912.7/26$

1.639 ± 0.080 $\chi^2/\text{NDF}: 1178.2/14$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.243+/-0.005 χ^2/NDF : 366.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.237+/-0.005 χ^2/NDF : 490.6/14

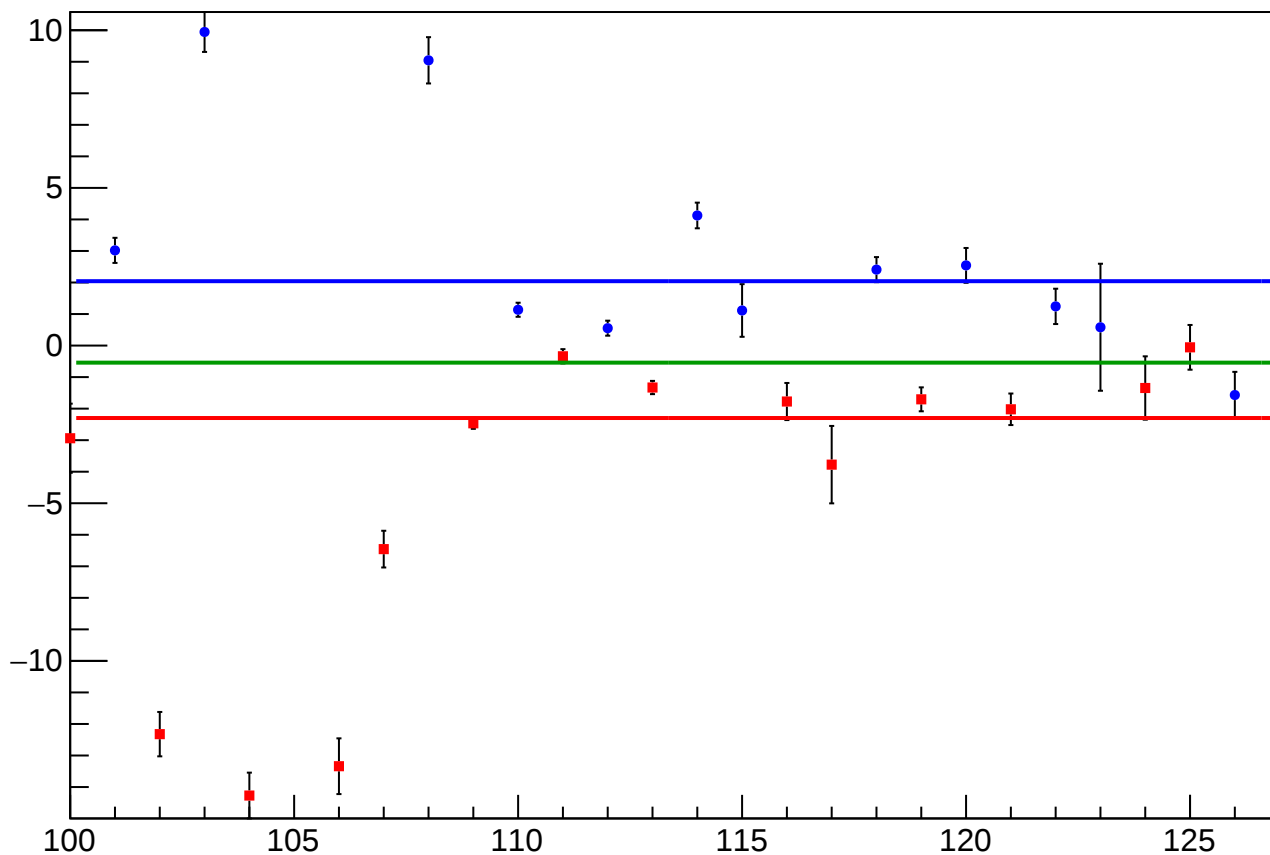
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.243+/-0.005 χ^2/NDF : 366.9/11

-0.031+/-0.004 χ^2/NDF : 5439.7/26

-0.237+/-0.005 χ^2/NDF : 490.6/14

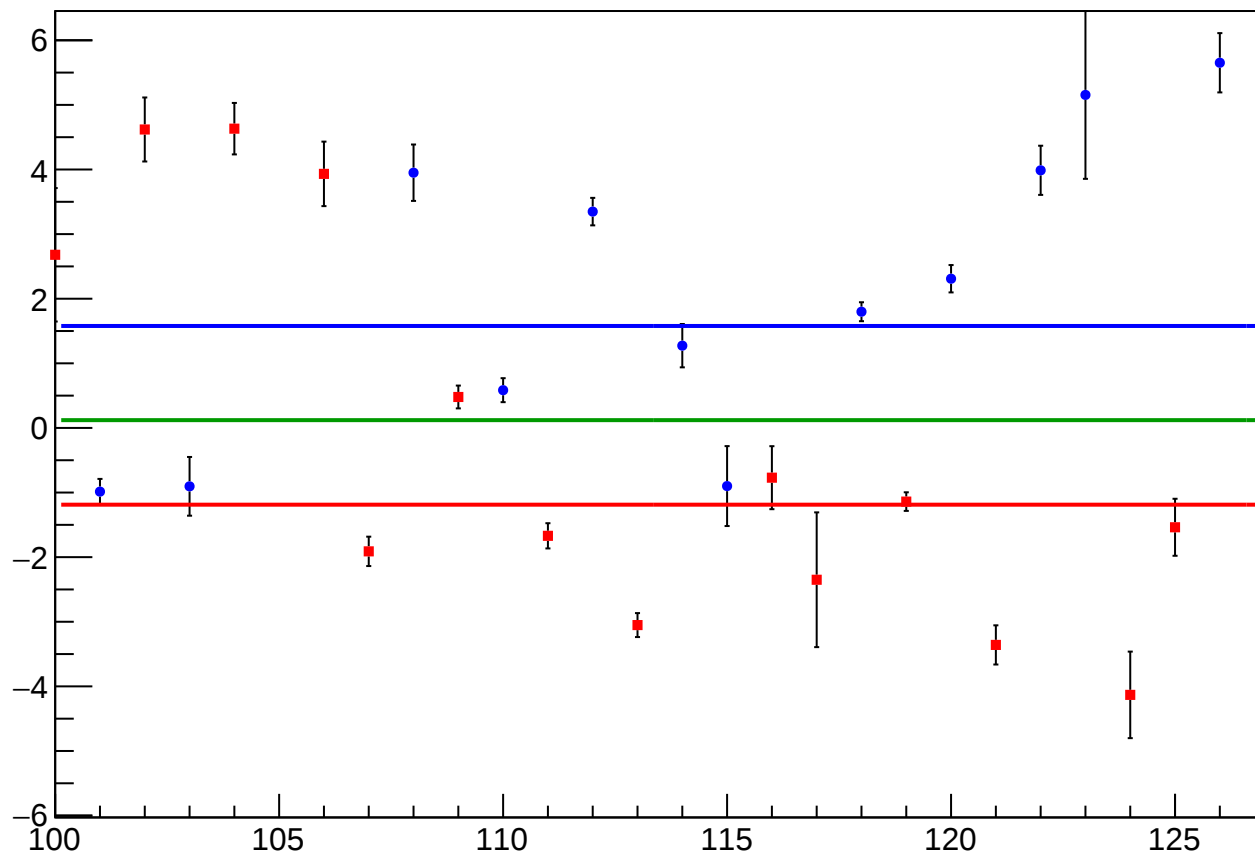
reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.042 ± 0.119 χ^2/NDF : 364.6/11
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.297 ± 0.098 χ^2/NDF : 800.5/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.042 ± 0.119 χ^2/NDF : 364.6/11
 -0.541 ± 0.076 χ^2/NDF : 1958.3/26
 -2.297 ± 0.098 χ^2/NDF : 800.5/14

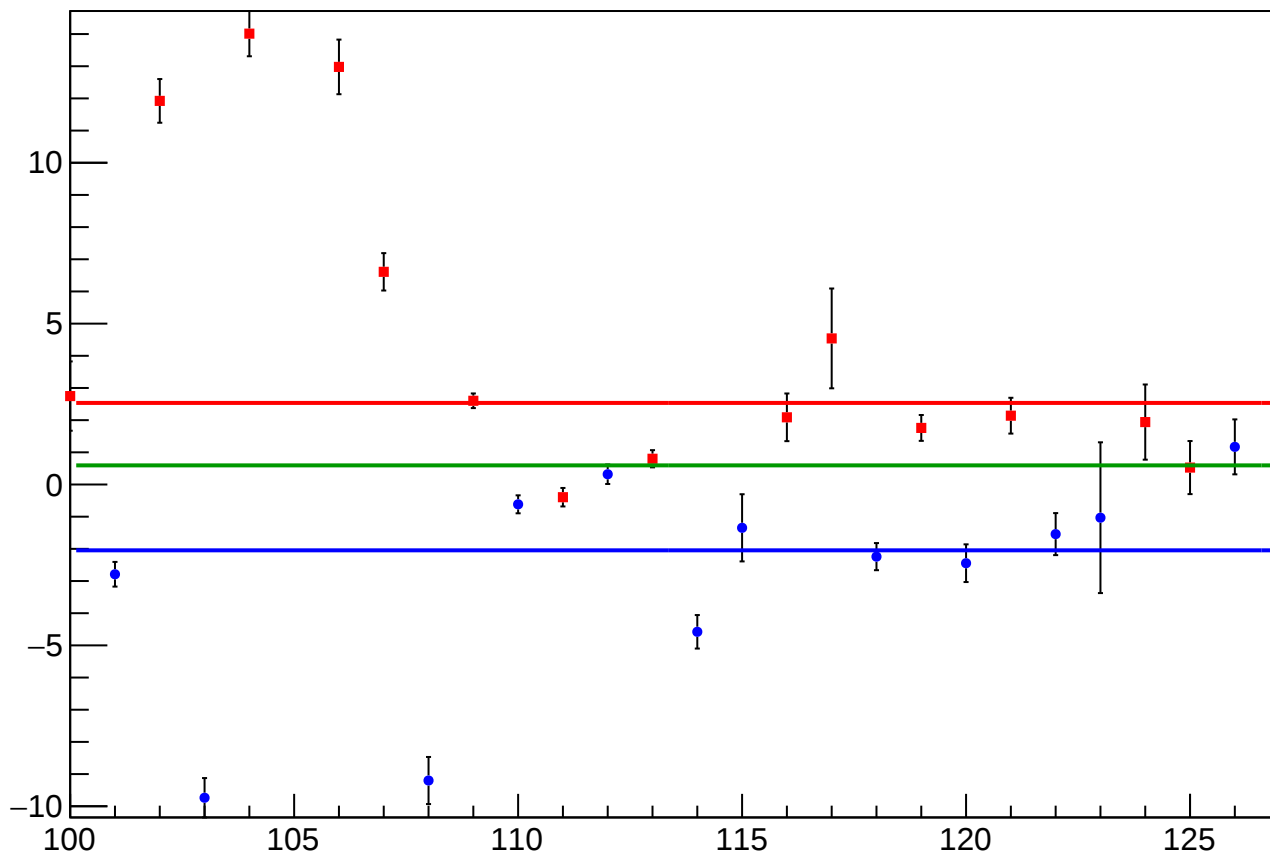
reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.578+/-0.075 χ^2/NDF : 484.4/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.188+/-0.071 χ^2/NDF : 875.1/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.578+/-0.075 χ^2/NDF : 484.4/11
 0.121+/-0.051 χ^2/NDF : 2083.7/26
 -1.188+/-0.071 χ^2/NDF : 875.1/14

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.046+/-0.139 χ^2/NDF : 384.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.536+/-0.119 χ^2/NDF : 819.2/14

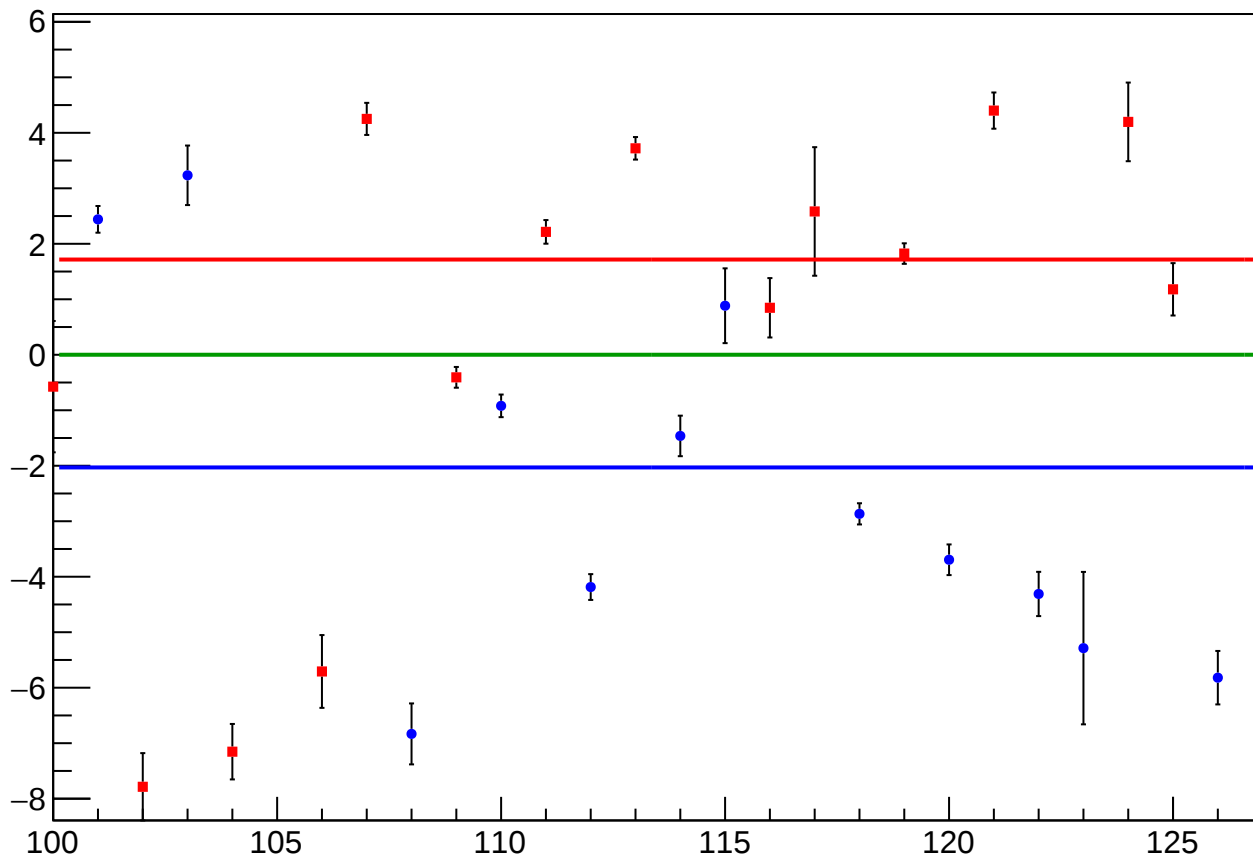
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.046+/-0.139 χ^2/NDF : 384.1/11

0.594+/-0.090 χ^2/NDF : 1833.6/26

2.536+/-0.119 χ^2/NDF : 819.2/14

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.030+/-0.088 χ^2 /NDF: 810.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.716+/-0.081 χ^2 /NDF: 1174.9/14

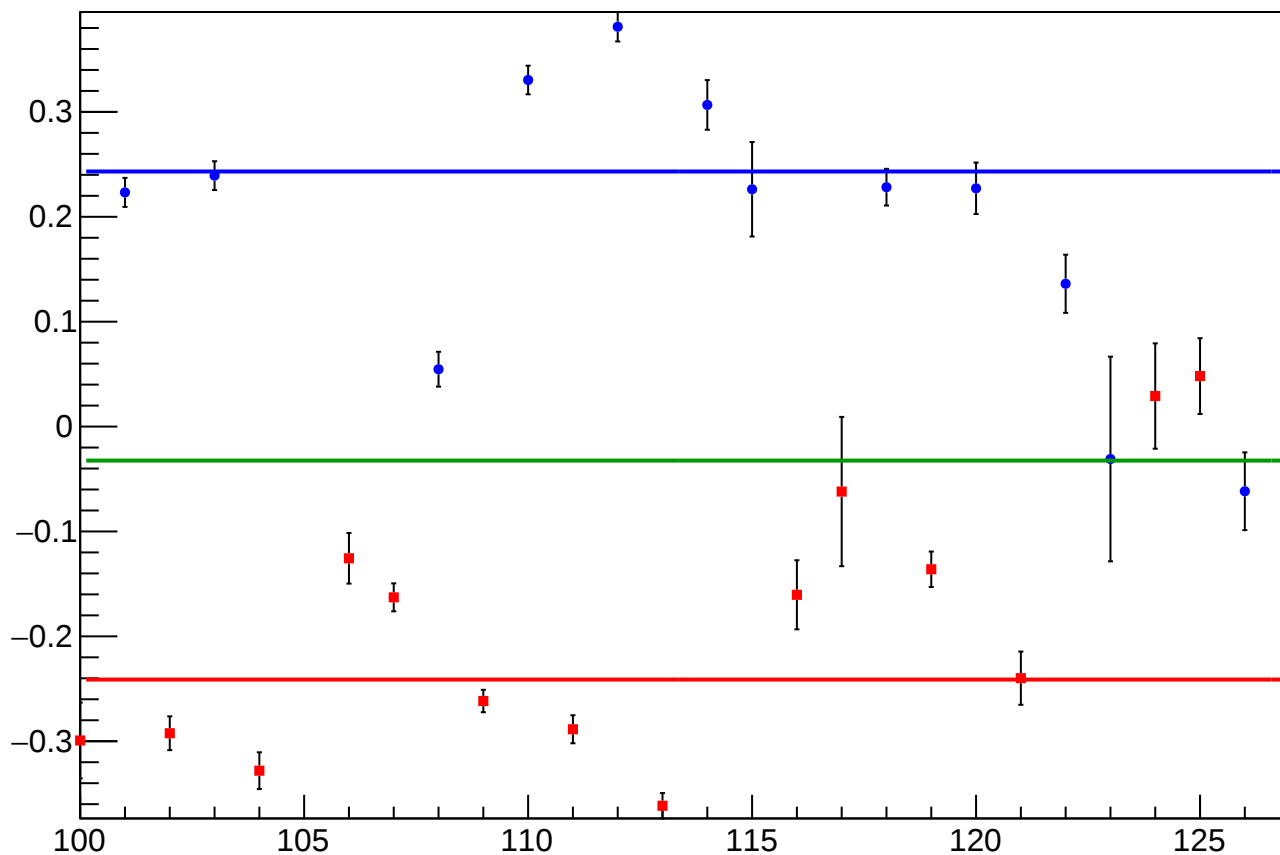
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.030+/-0.088 χ^2 /NDF: 810.4/11

0.001+/-0.060 χ^2 /NDF: 2959.4/26

1.716+/-0.081 χ^2 /NDF: 1174.9/14

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.243 $\pm$ 0.005 χ^2/NDF : 367.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.241 $\pm$ 0.005 χ^2/NDF : 460.8/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.243 $\pm$ 0.005 χ^2/NDF : 367.5/11

-0.032 $\pm$ 0.004 χ^2/NDF : 5363.3/26

-0.241 $\pm$ 0.005 χ^2/NDF : 460.8/14