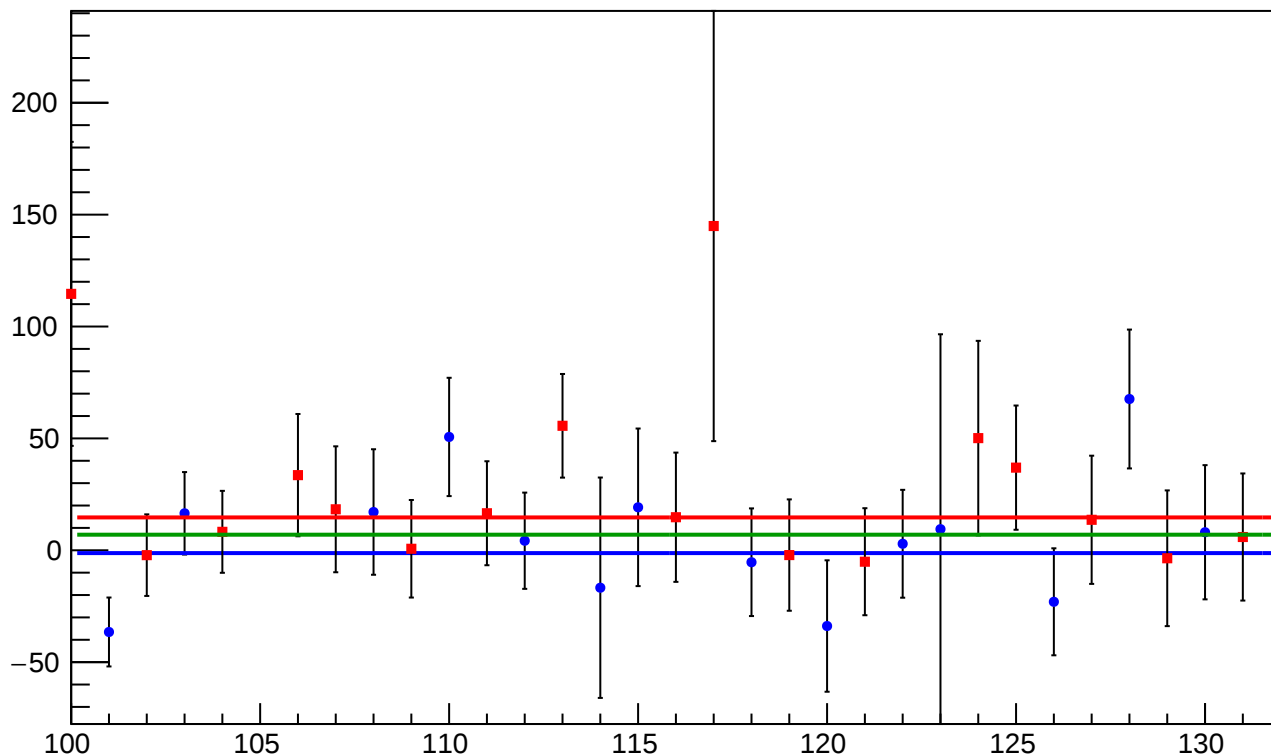


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.258+/-6.573

χ^2/NDF : 18.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 14.685+/-6.366

χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

-1.258+/-6.573

χ^2/NDF : 18.9/14

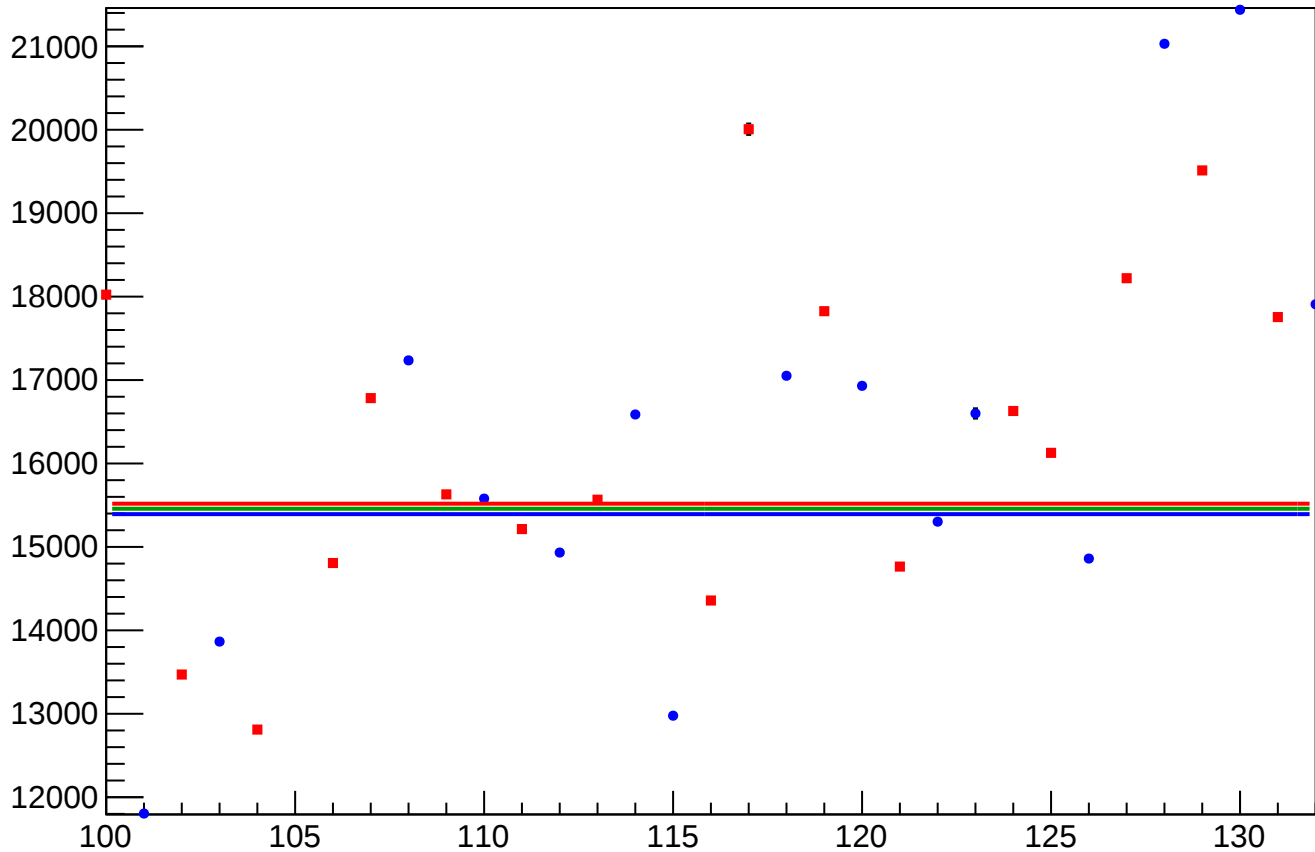
6.969+/-4.573

χ^2/NDF : 33.8/31

14.685+/-6.366

χ^2/NDF : 11.9/16

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15392.841+/-4.648 χ^2/NDF : 322194.4/14

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

Right Out: 15518.244+/-4.502 χ^2/NDF : 171423.1/16

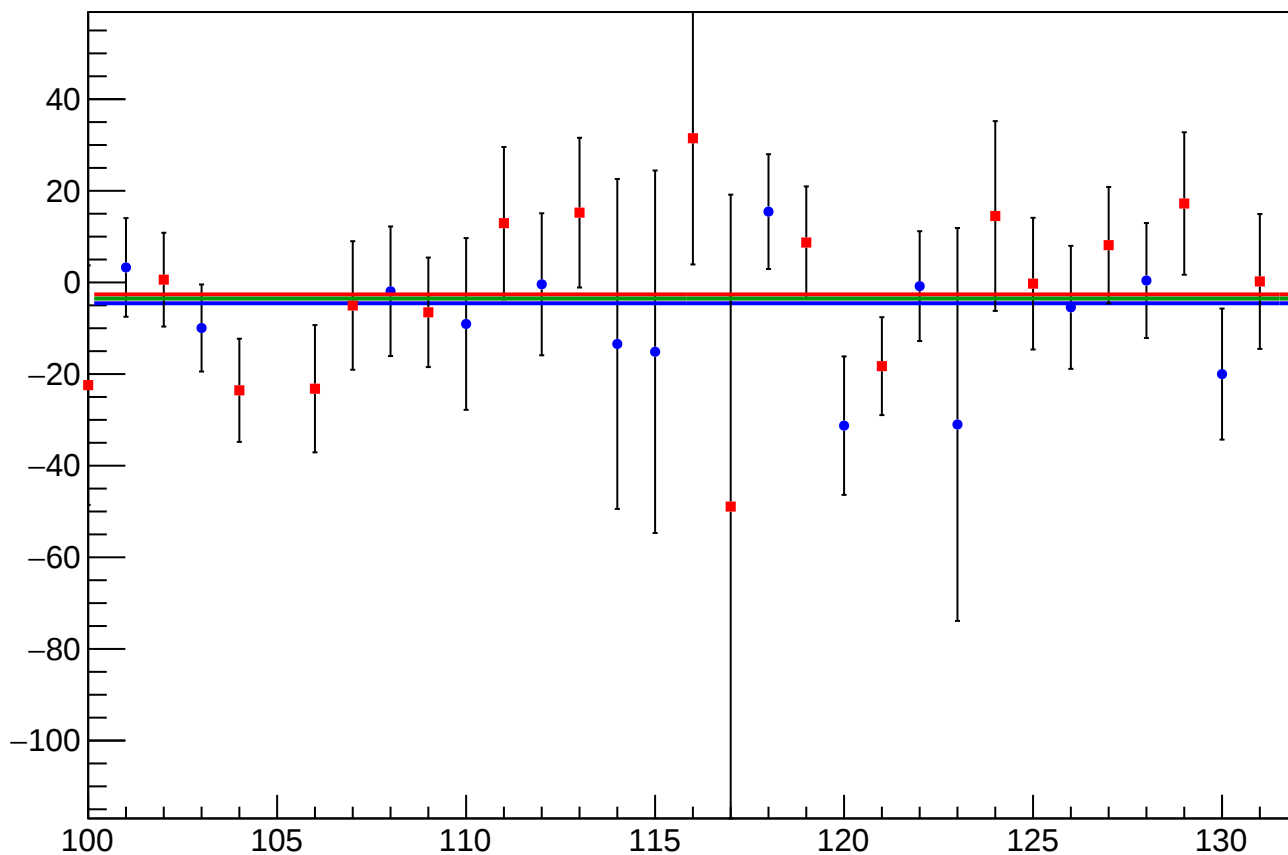
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15392.841+/-4.648 χ^2/NDF : 322194.4/14

15457.548+/-3.234 χ^2/NDF : 493993.1/31

15518.244+/-4.502 χ^2/NDF : 171423.1/16

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.545+/-3.714 χ^2 /NDF: 8.7/14

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

Right Out: -2.618+/-3.480 χ^2 /NDF: 16.6/16

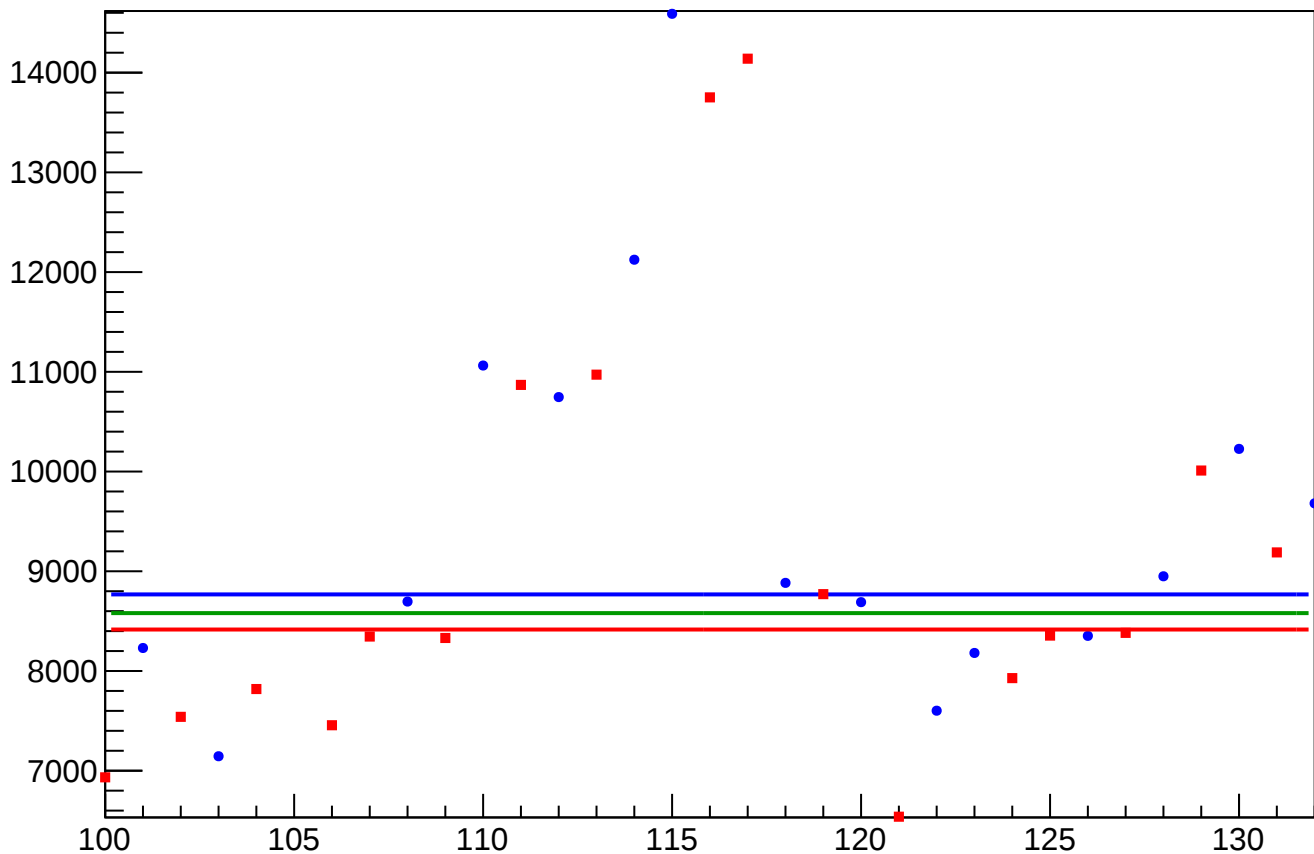
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.545+/-3.714 χ^2 /NDF: 8.7/14

-3.519+/-2.539 χ^2 /NDF: 25.4/31

-2.618+/-3.480 χ^2 /NDF: 16.6/16

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8767.979+/-2.626 χ^2/NDF : 236545.7/14

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

Right Out: 8415.860+/-2.460 χ^2/NDF : 309062.2/16

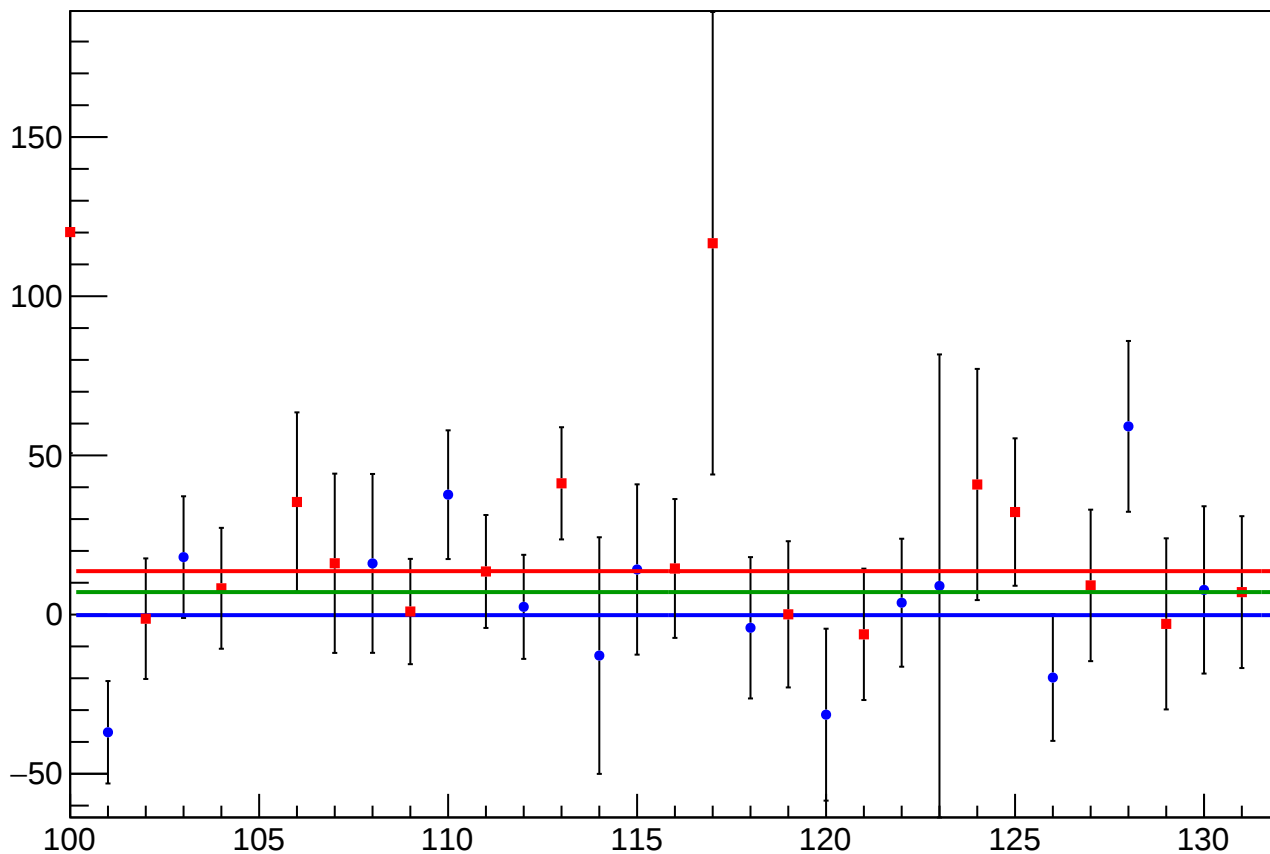
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8767.979+/-2.626 χ^2/NDF : 236545.7/14

8580.446+/-1.796 χ^2/NDF : 555181.3/31

8415.860+/-2.460 χ^2/NDF : 309062.2/16

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.175 ± 5.829 χ^2/NDF : 19.0/14

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

Right Out: 13.645 ± 5.554 χ^2/NDF : 11.7/16

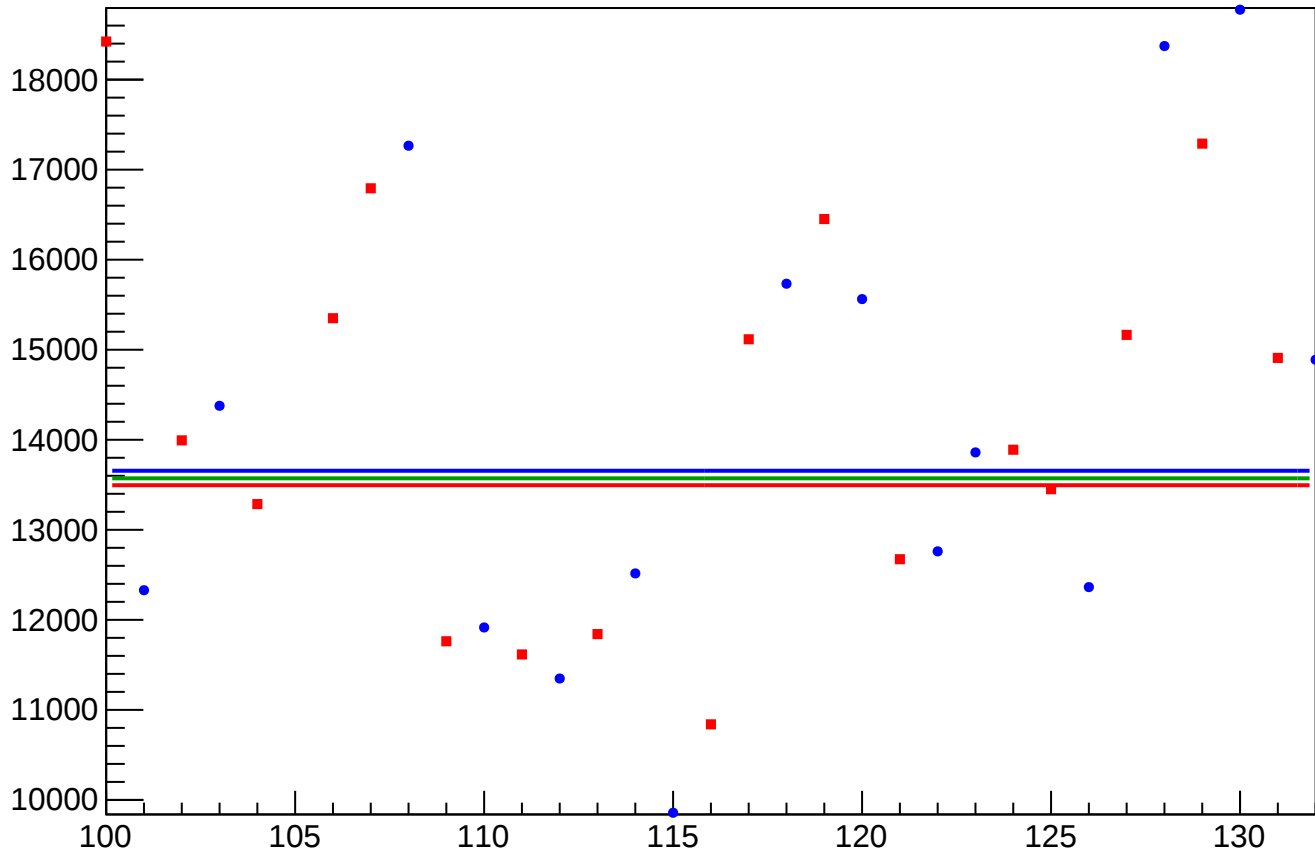
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.175 ± 5.829 χ^2/NDF : 19.0/14

7.068 ± 4.021 χ^2/NDF : 33.6/31

13.645 ± 5.554 χ^2/NDF : 11.7/16

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13655.889+/-4.122 χ^2/NDF : 329587.4/14

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

Right Out: 13495.271+/-3.927 χ^2/NDF : 233793.1/16

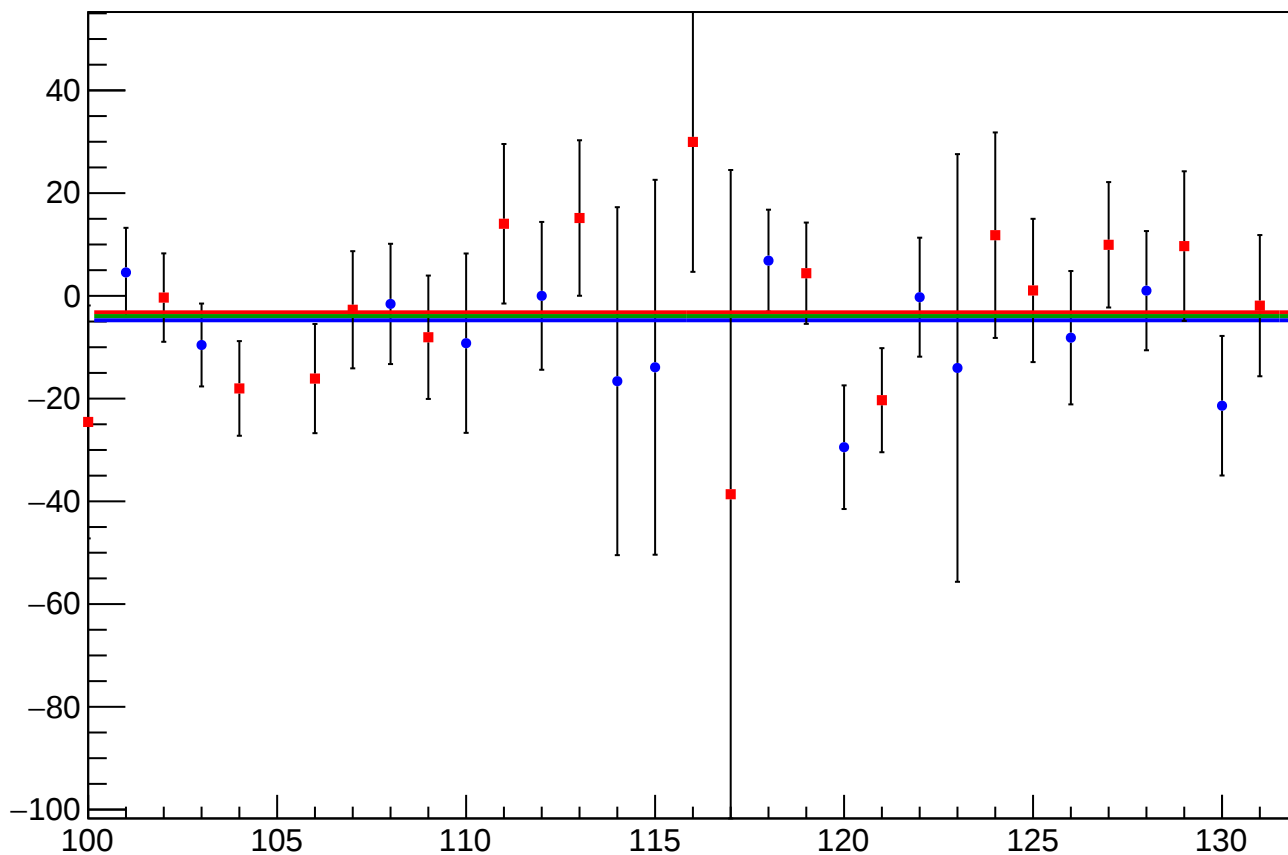
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13655.889+/-4.122 χ^2/NDF : 329587.4/14

13571.704+/-2.843 χ^2/NDF : 564176.4/31

13495.271+/-3.927 χ^2/NDF : 233793.1/16

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.750+/-3.251 χ^2/NDF : 9.7/14

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

Right Out: -3.202+/-3.080 χ^2/NDF : 16.0/16

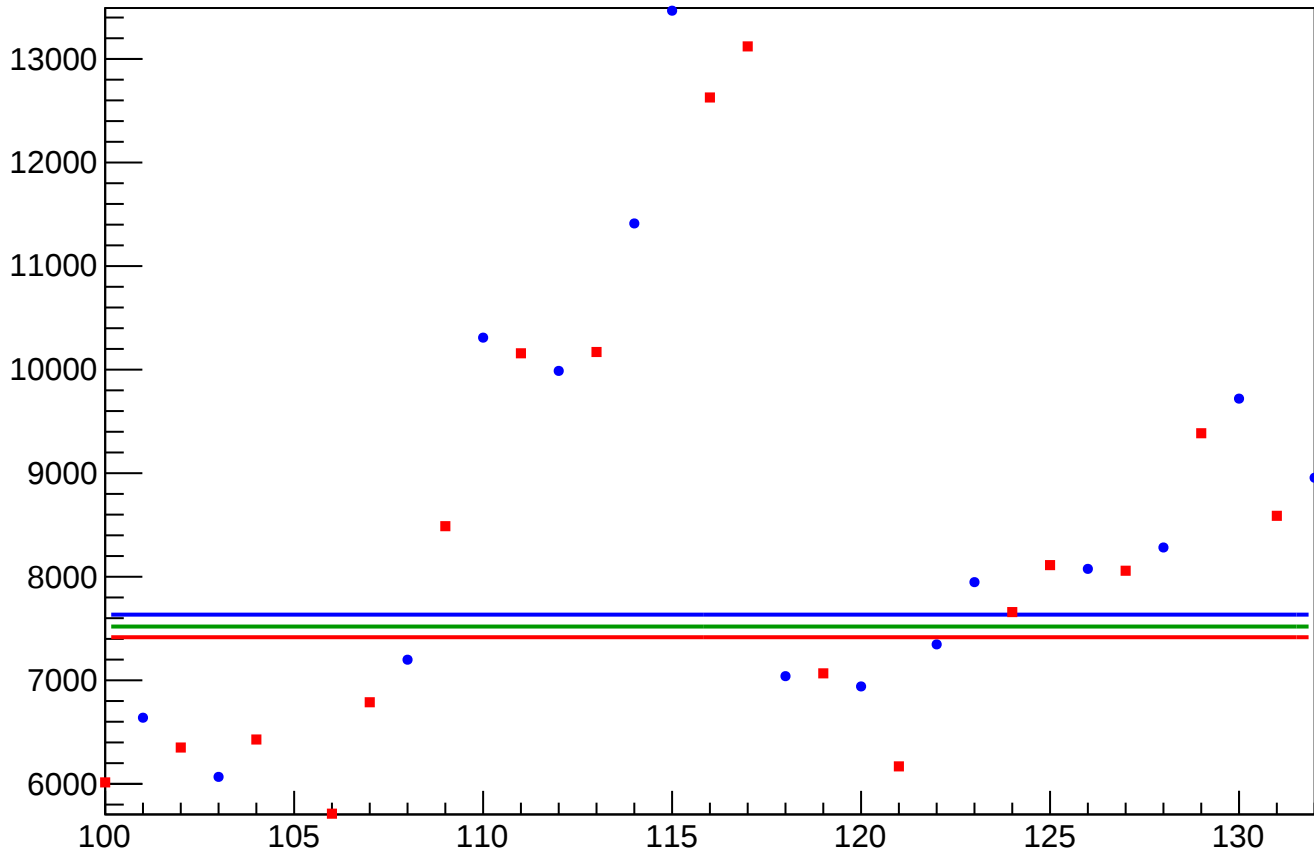
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.750+/-3.251 χ^2/NDF : 9.7/14

-3.934+/-2.236 χ^2/NDF : 25.8/31

-3.202+/-3.080 χ^2/NDF : 16.0/16

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7634.207+/-2.299 χ^2/NDF : 369432.3/14

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

Right Out: 7416.067+/-2.178 χ^2/NDF : 459274.1/16

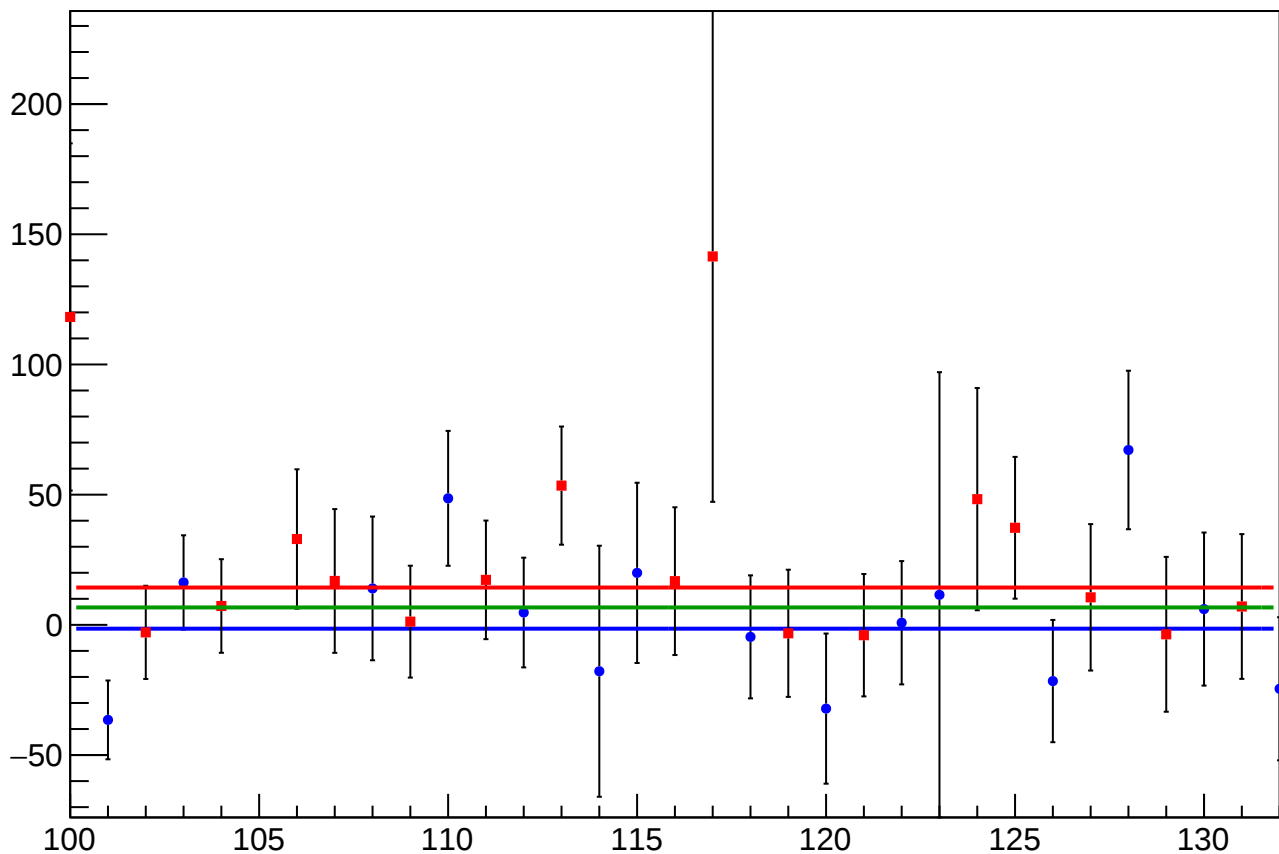
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7634.207+/-2.299 χ^2/NDF : 369432.3/14

7519.235+/-1.581 χ^2/NDF : 833451.2/31

7416.067+/-2.178 χ^2/NDF : 459274.1/16

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.466+/-6.450 χ^2/NDF : 18.7/14

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

Right Out: 14.342+/-6.248 χ^2/NDF : 12.1/16

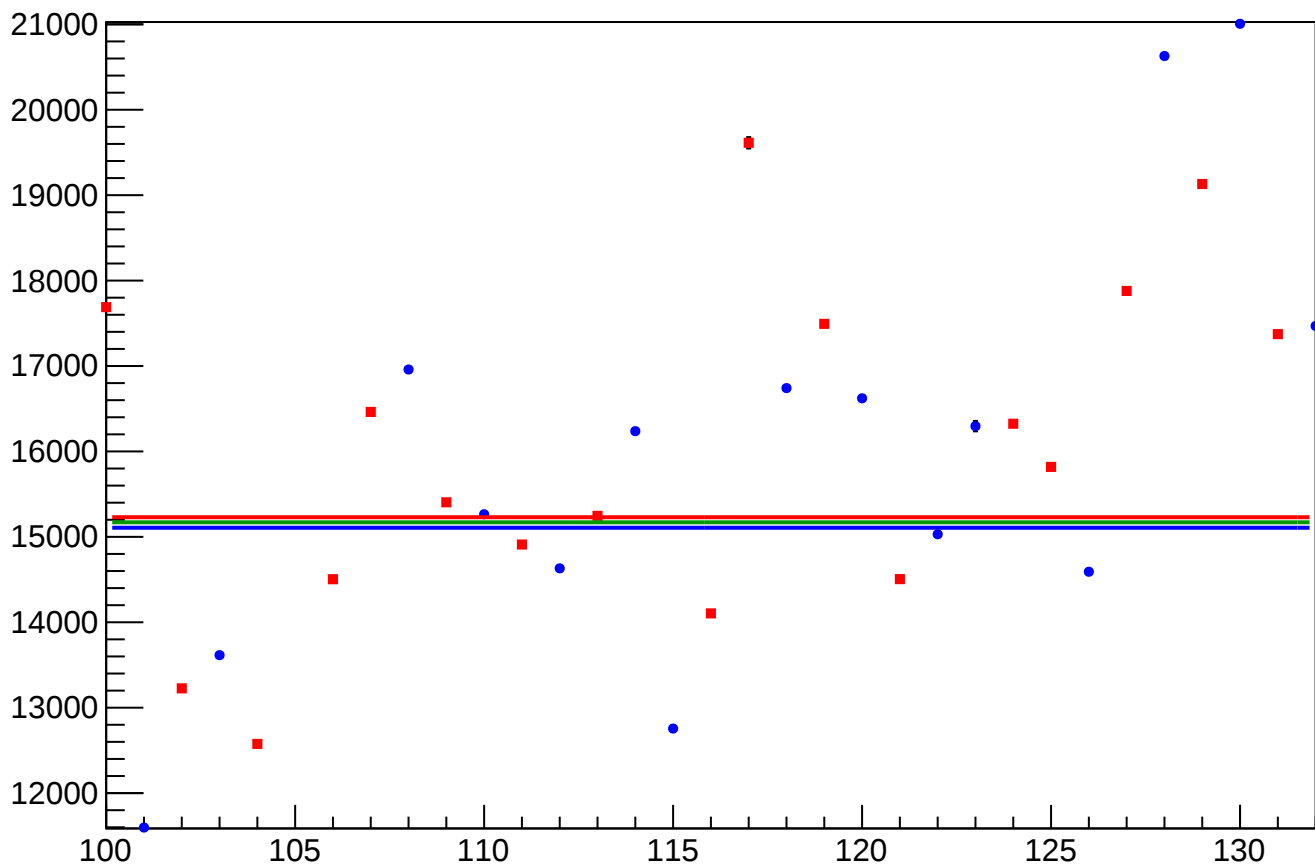
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.466+/-6.450 χ^2/NDF : 18.7/14

6.690+/-4.488 χ^2/NDF : 33.9/31

14.342+/-6.248 χ^2/NDF : 12.1/16

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 15106.680+/-4.561 χ^2/NDF : 319301.4/14

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

Right Out: 15229.718+/-4.418 χ^2/NDF : 170255.5/16

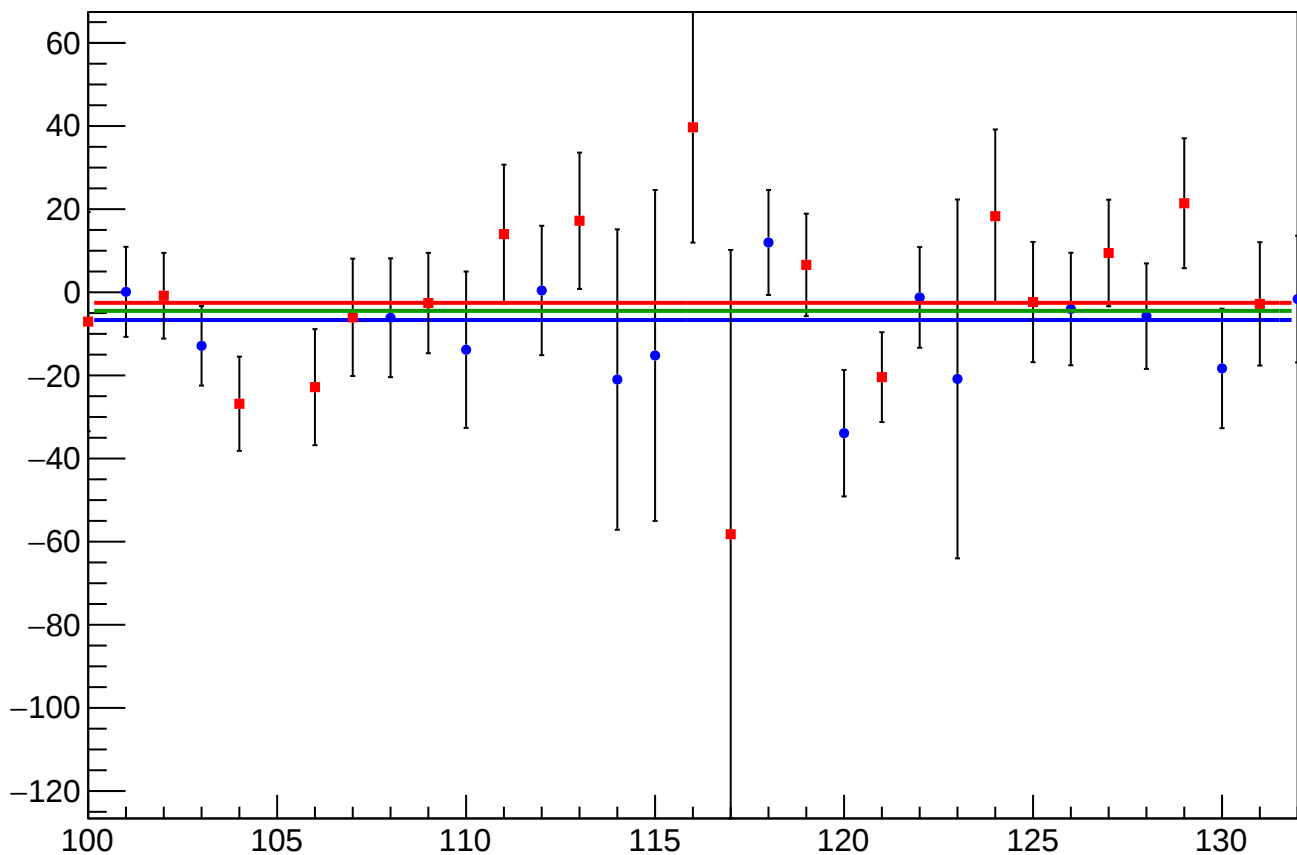
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15106.680+/-4.561 χ^2/NDF : 319301.4/14

15170.163+/-3.173 χ^2/NDF : 489932.3/31

15229.718+/-4.418 χ^2/NDF : 170255.5/16

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.672+/-3.742 χ^2 /NDF: 7.9/14

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

Right Out: -2.535+/-3.506 χ^2 /NDF: 19.7/16

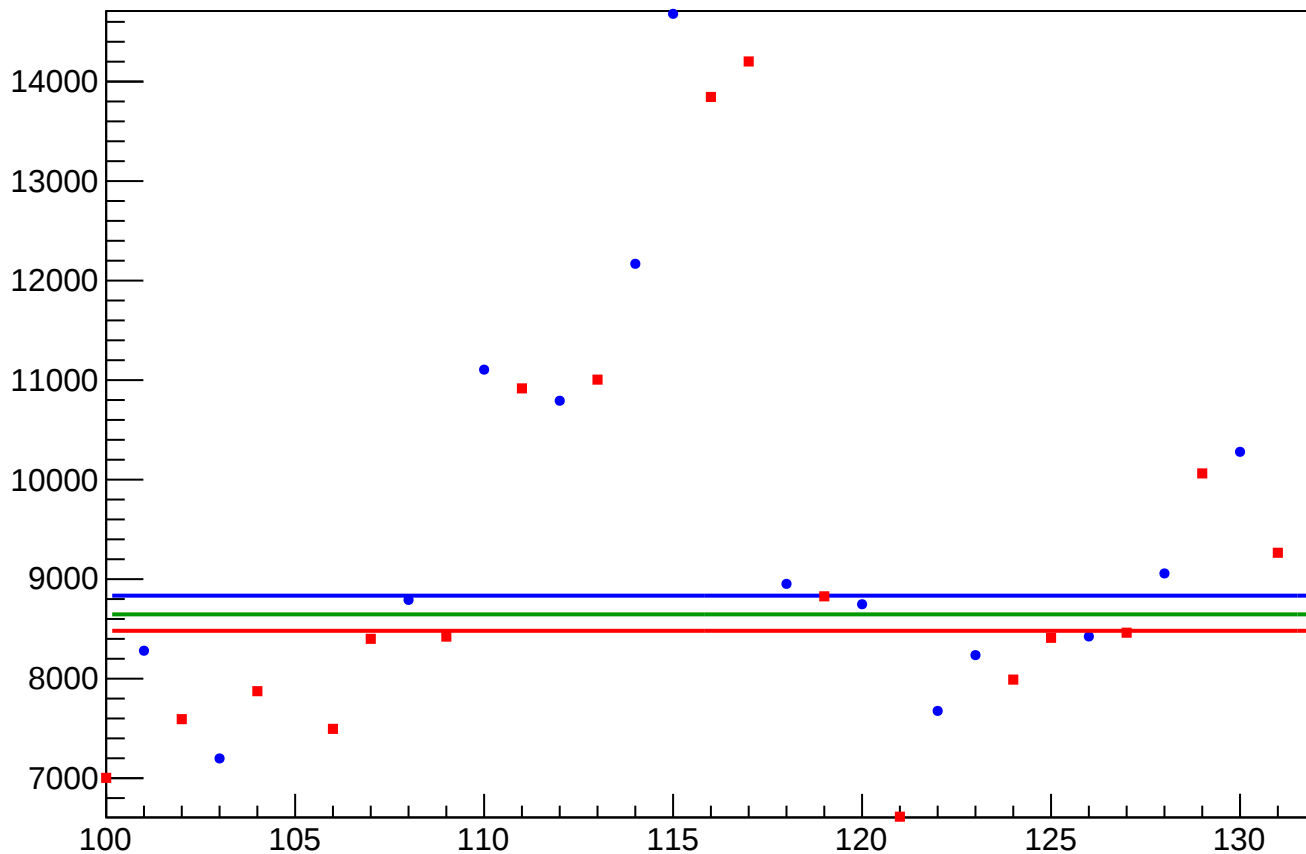
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.672+/-3.742 χ^2 /NDF: 7.9/14

-4.469+/-2.558 χ^2 /NDF: 28.3/31

-2.535+/-3.506 χ^2 /NDF: 19.7/16

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8834.158 $\pm$ 2.646 χ^2 /NDF: 232755.7/14

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

Right Out: 8481.016 $\pm$ 2.479 χ^2 /NDF: 304228.1/16

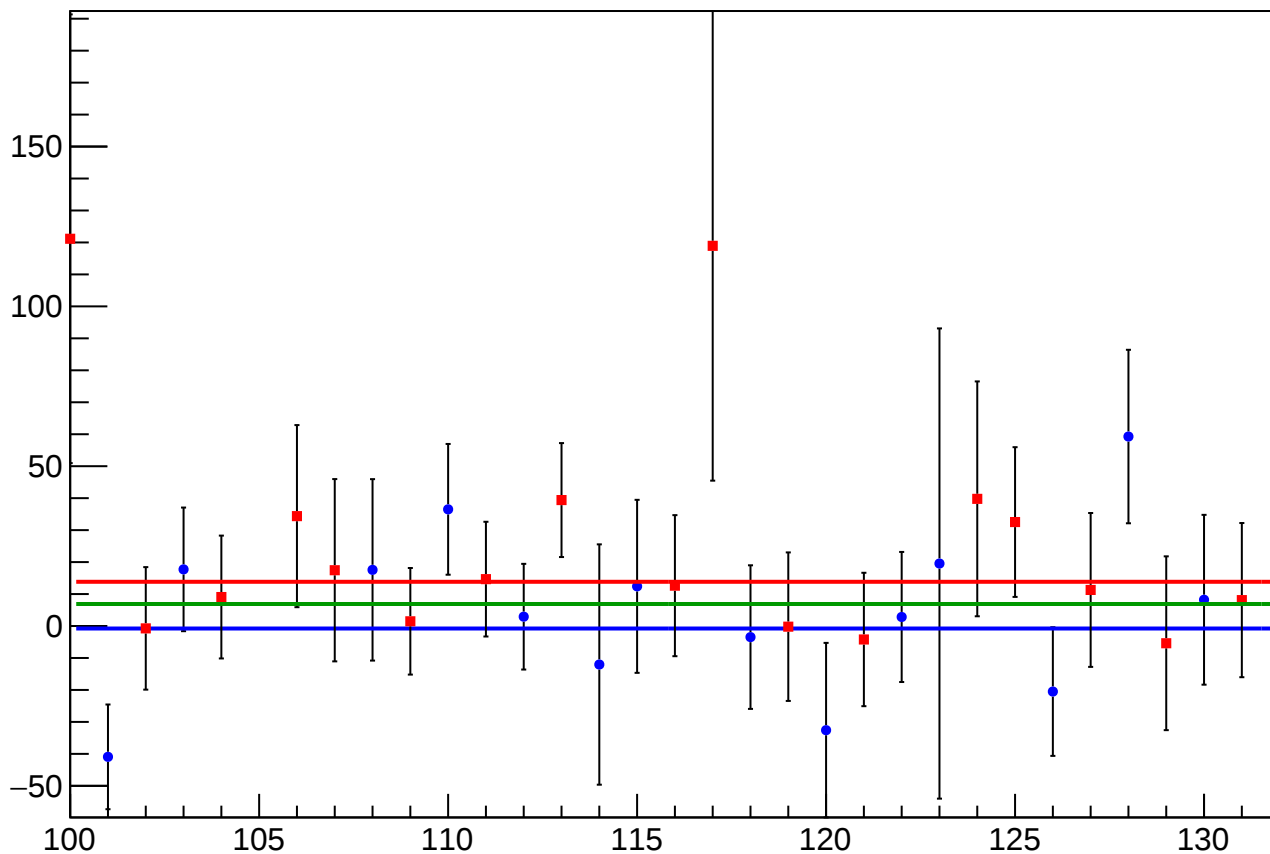
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8834.158 $\pm$ 2.646 χ^2 /NDF: 232755.7/14

8646.103 $\pm$ 1.809 χ^2 /NDF: 546471.7/31

8481.016 $\pm$ 2.479 χ^2 /NDF: 304228.1/16

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.781 ± 5.901 χ^2/NDF : 19.6/14

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

Right Out: 13.839 ± 5.617 χ^2/NDF : 11.0/16

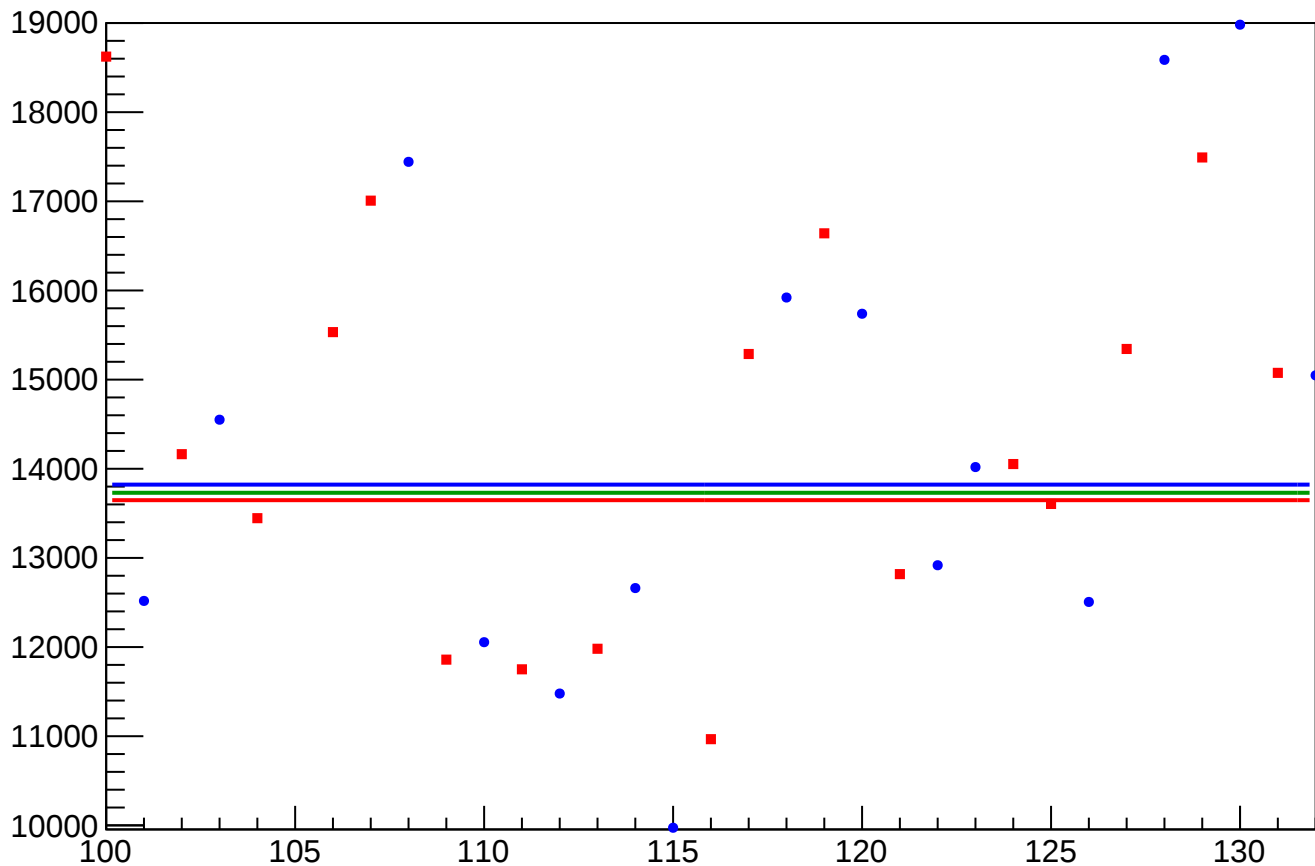
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.781 ± 5.901 χ^2/NDF : 19.6/14

6.889 ± 4.069 χ^2/NDF : 33.9/31

13.839 ± 5.617 χ^2/NDF : 11.0/16

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13822.204 $\pm$ 4.173 χ^2/NDF : 327822.0/14

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

Right Out: 13647.646 $\pm$ 3.972 χ^2/NDF : 235166.1/16

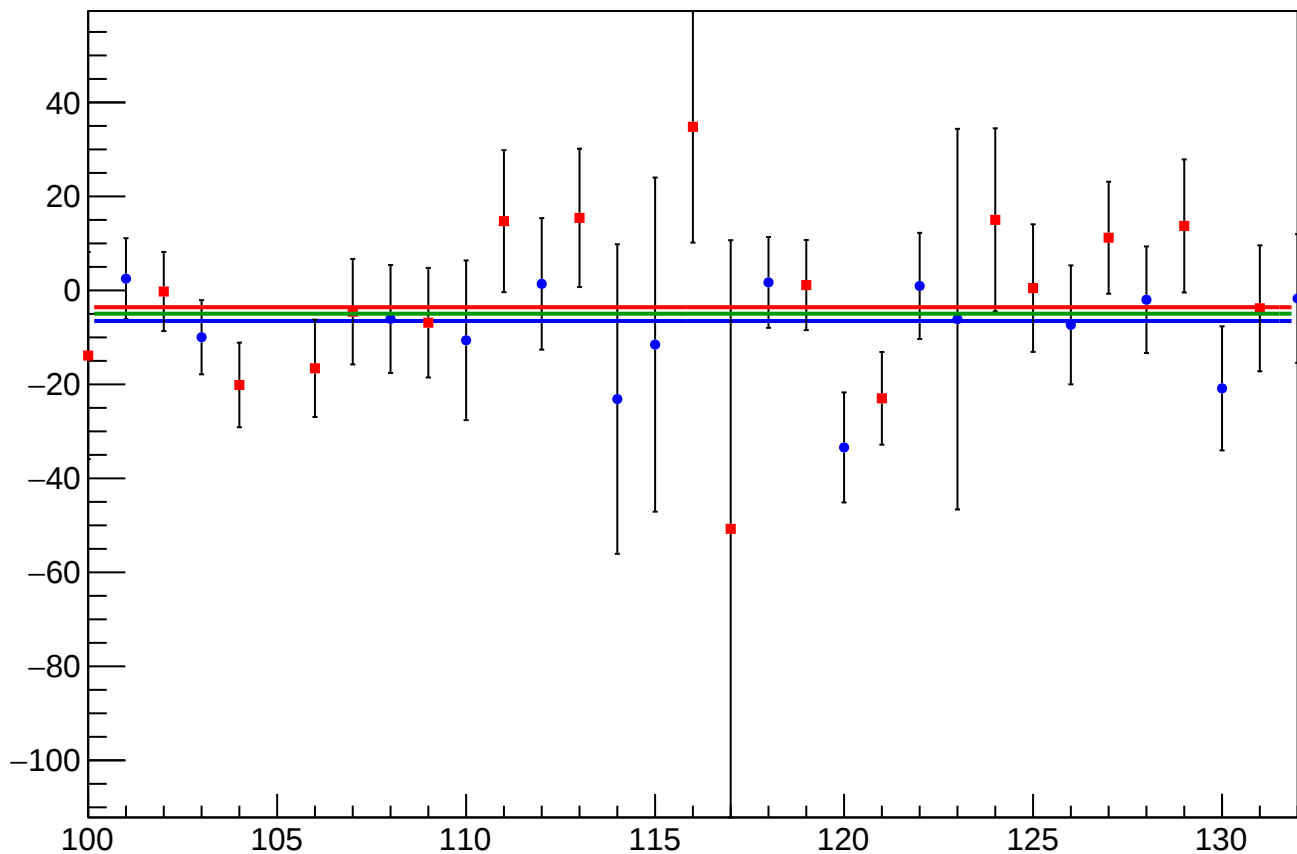
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

13822.204 $\pm$ 4.173 χ^2/NDF : 327822.0/14

13730.623 $\pm$ 2.877 χ^2/NDF : 563906.2/31

13647.646 $\pm$ 3.972 χ^2/NDF : 235166.1/16

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.511+/-3.179 χ^2/NDF : 9.8/14

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

Right Out: -3.578+/-3.004 χ^2/NDF : 19.7/16

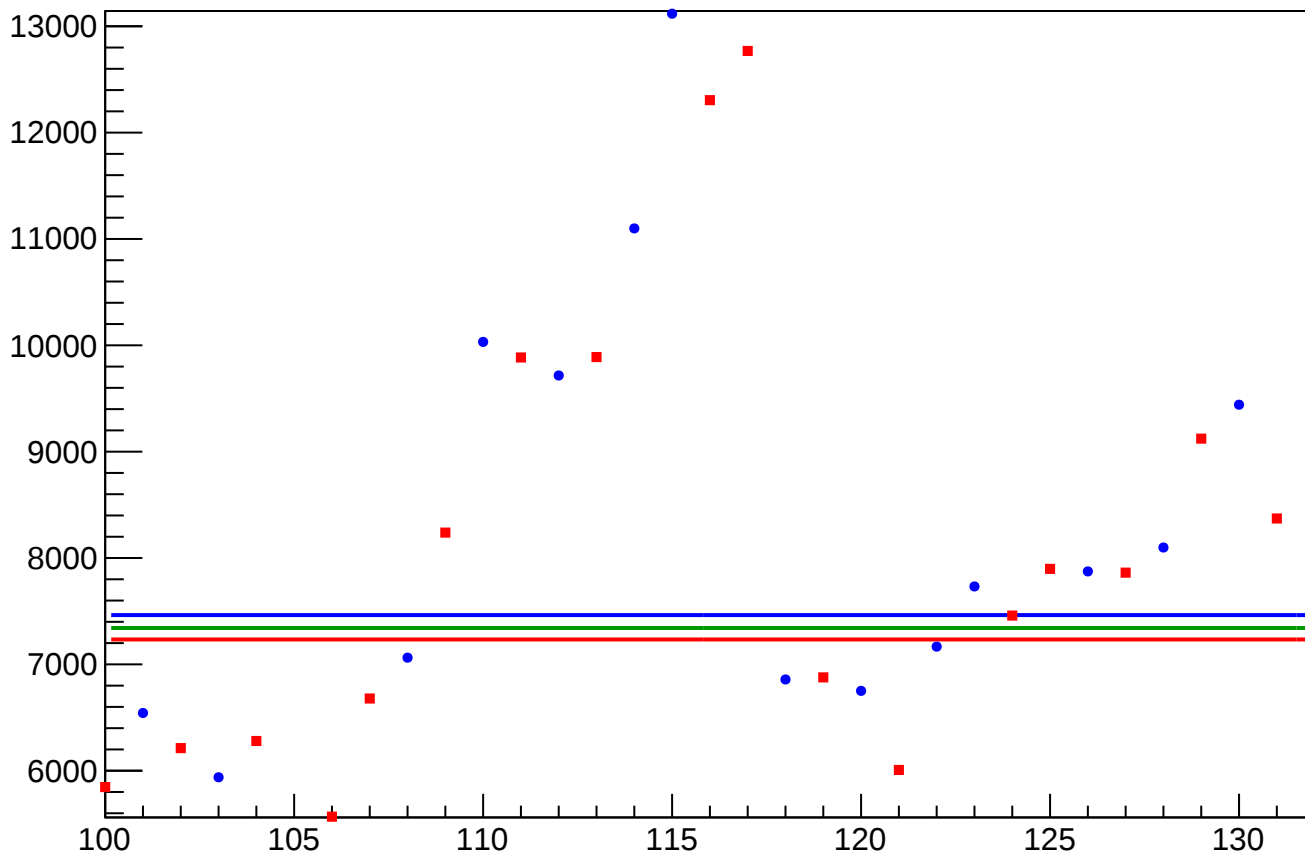
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.511+/-3.179 χ^2/NDF : 9.8/14

-4.962+/-2.183 χ^2/NDF : 30.0/31

-3.578+/-3.004 χ^2/NDF : 19.7/16

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7463.369 $\pm$ 2.248 χ^2/NDF : 359232.8/14

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

Right Out: 7234.085 $\pm$ 2.124 χ^2/NDF : 453240.4/16

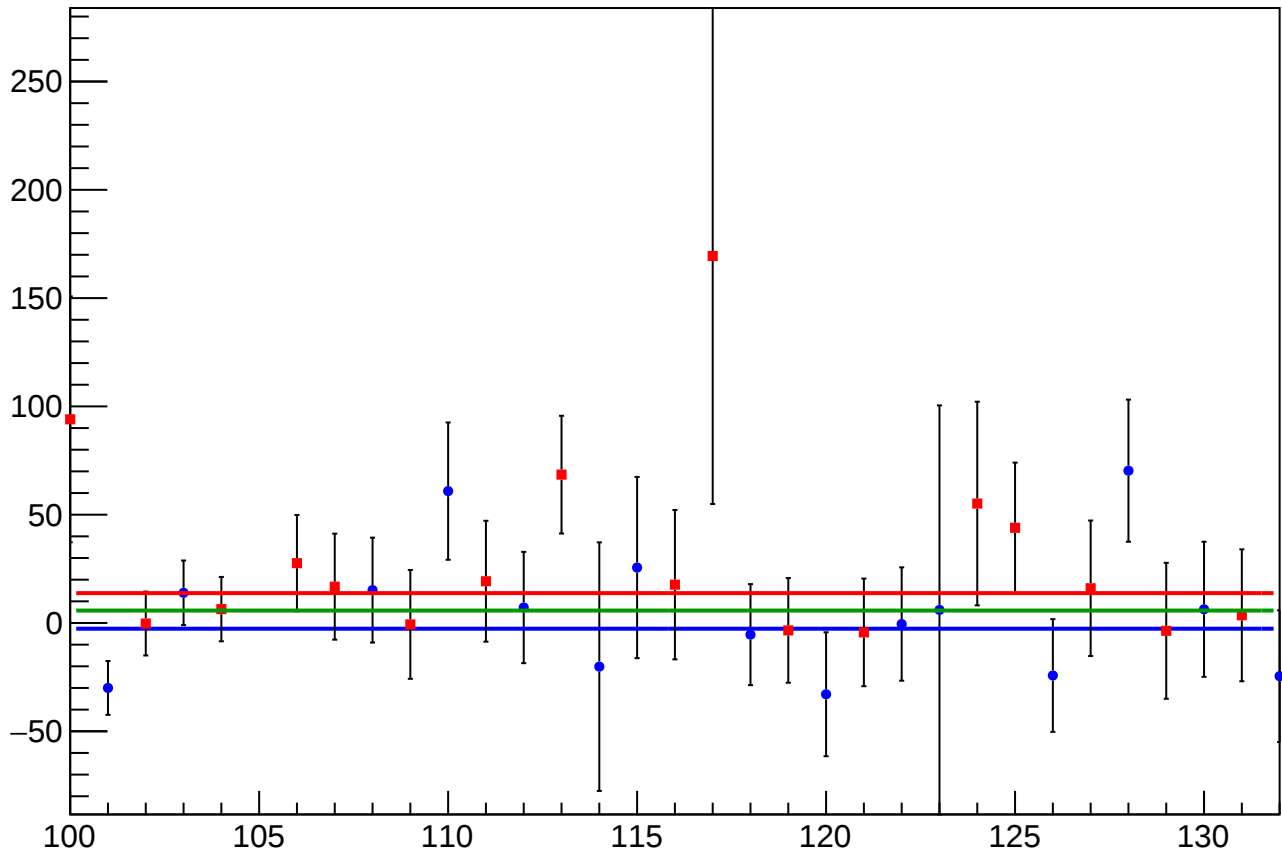
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7463.369 $\pm$ 2.248 χ^2/NDF : 359232.8/14

7342.225 $\pm$ 1.544 χ^2/NDF : 817969.6/31

7234.085 $\pm$ 2.124 χ^2/NDF : 453240.4/16

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.642 ± 6.298 χ^2/NDF : 18.7/14

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

Right Out: 13.790 ± 6.170 χ^2/NDF : 13.1/16

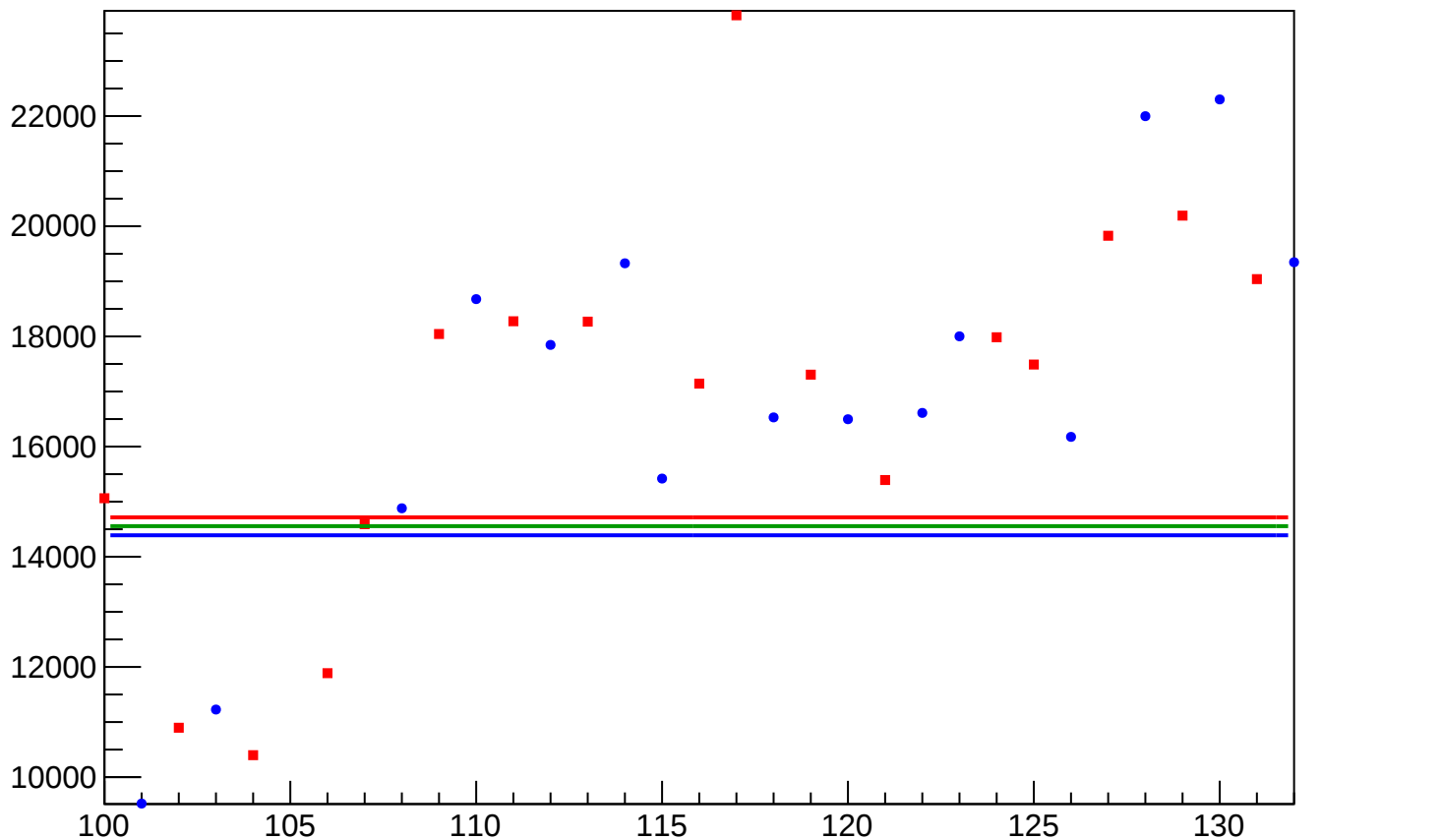
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.642 ± 6.298 χ^2/NDF : 18.7/14

5.743 ± 4.407 χ^2/NDF : 35.3/31

13.790 ± 6.170 χ^2/NDF : 13.1/16

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14390.261 $\pm$ 4.453 χ^2/NDF : 830692.8/14

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

Right Out: 14715.515 $\pm$ 4.363 χ^2/NDF : 665417.3/16

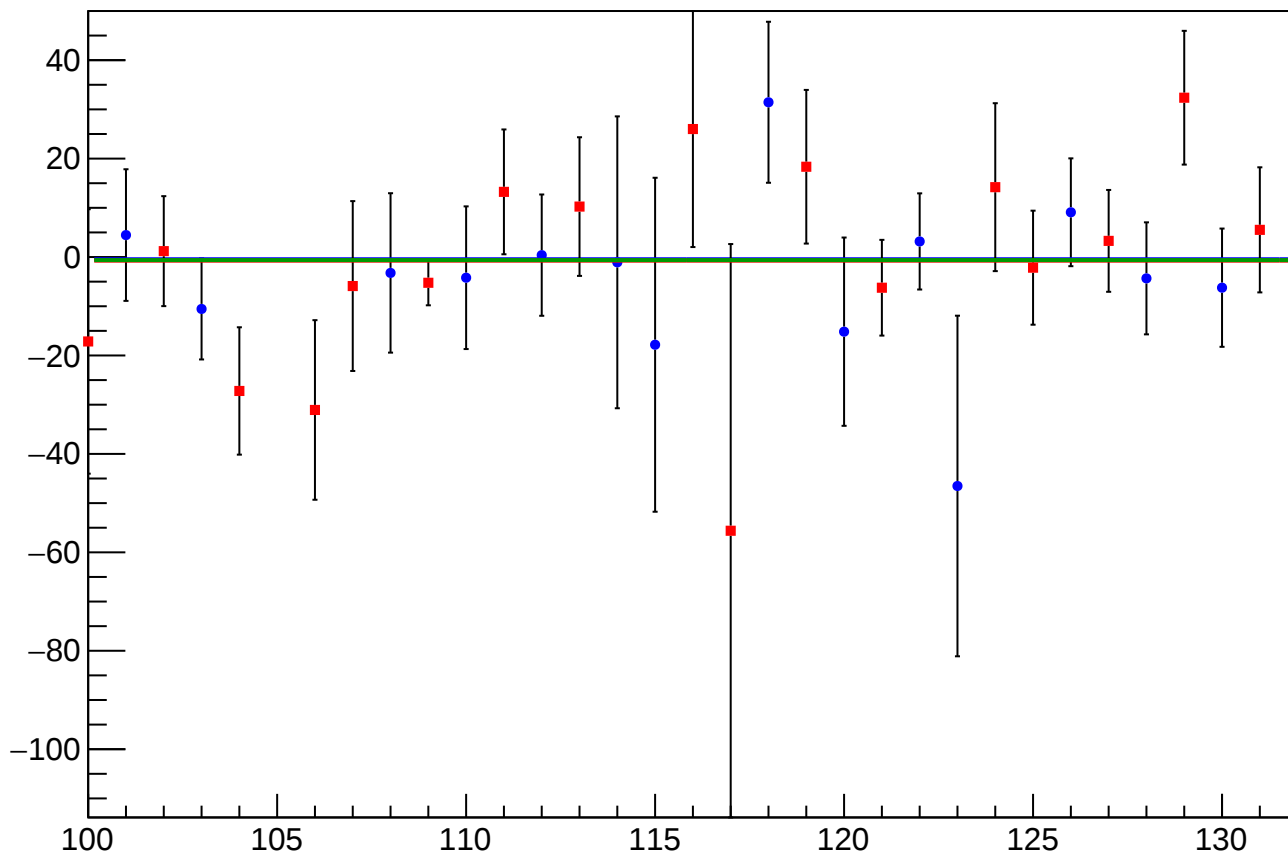
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

14390.261 $\pm$ 4.453 χ^2/NDF : 830692.8/14

14556.235 $\pm$ 3.116 χ^2/NDF : 1498832.1/3

14715.515 $\pm$ 4.363 χ^2/NDF : 665417.3/16

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.447+/-3.531 χ^2/NDF : 8.9/14

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

Right Out: -0.729+/-2.781 χ^2/NDF : 21.3/16

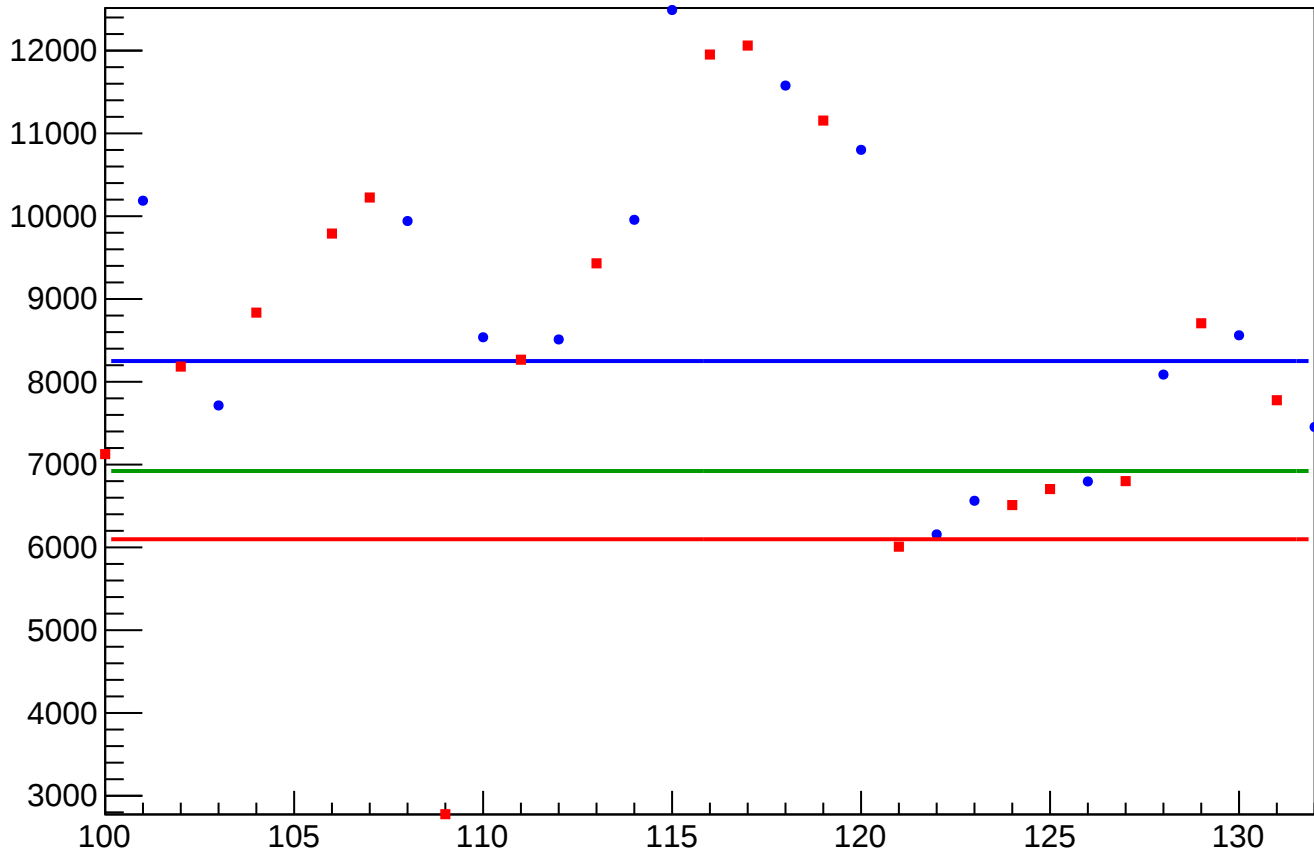
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.447+/-3.531 χ^2/NDF : 8.9/14

-0.621+/-2.185 χ^2/NDF : 30.2/31

-0.729+/-2.781 χ^2/NDF : 21.3/16

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8250.521+/-2.497 χ^2/NDF : 369810.5/14

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

Right Out: 6098.351+/-1.967 χ^2/NDF : 2055993.1/16

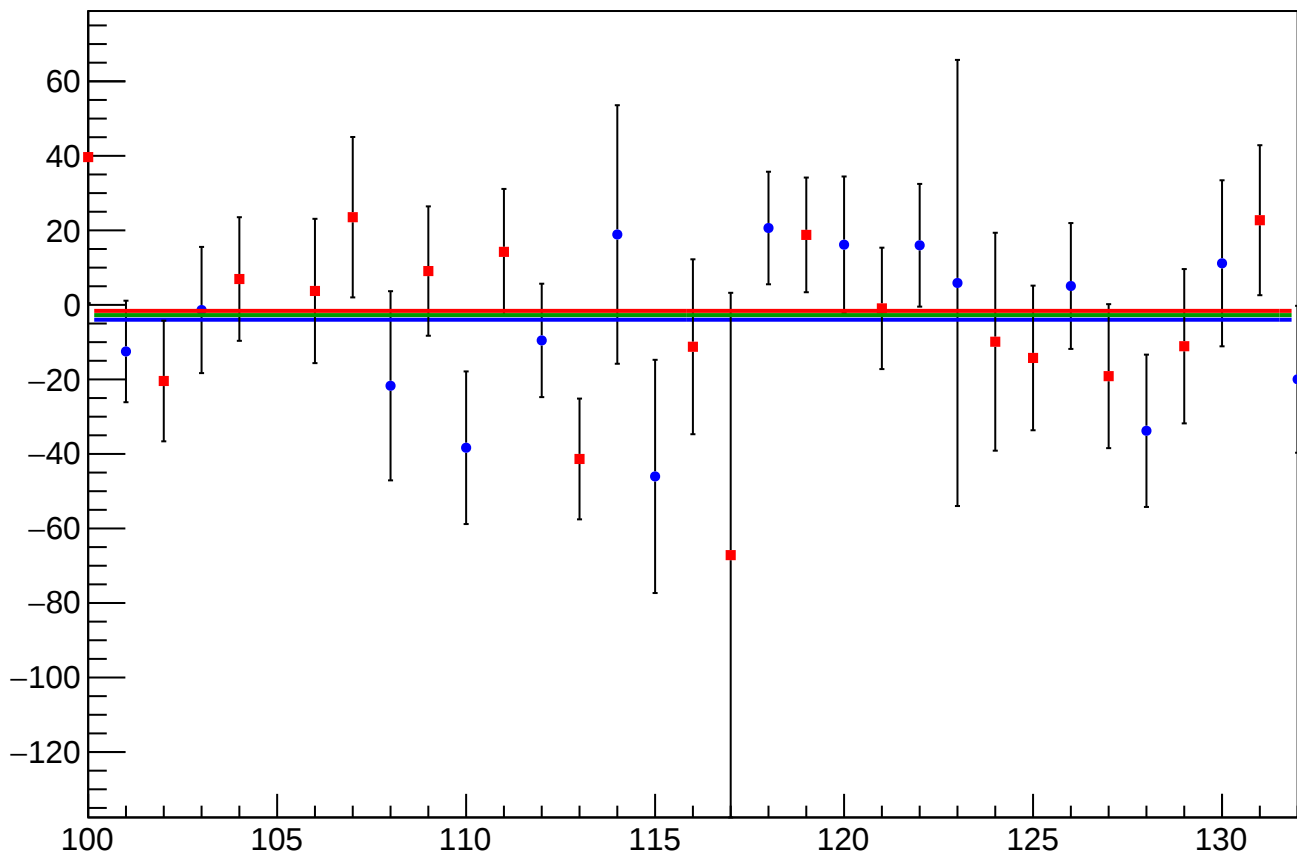
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8250.521+/-2.497 χ^2/NDF : 369810.5/14

6922.516+/-1.545 χ^2/NDF : 2884368.9/31

6098.351+/-1.967 χ^2/NDF : 2055993.1/16

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.980+/-4.950 χ^2 /NDF: 15.0/14

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

Right Out: -1.605+/-4.721 χ^2 /NDF: 17.2/16

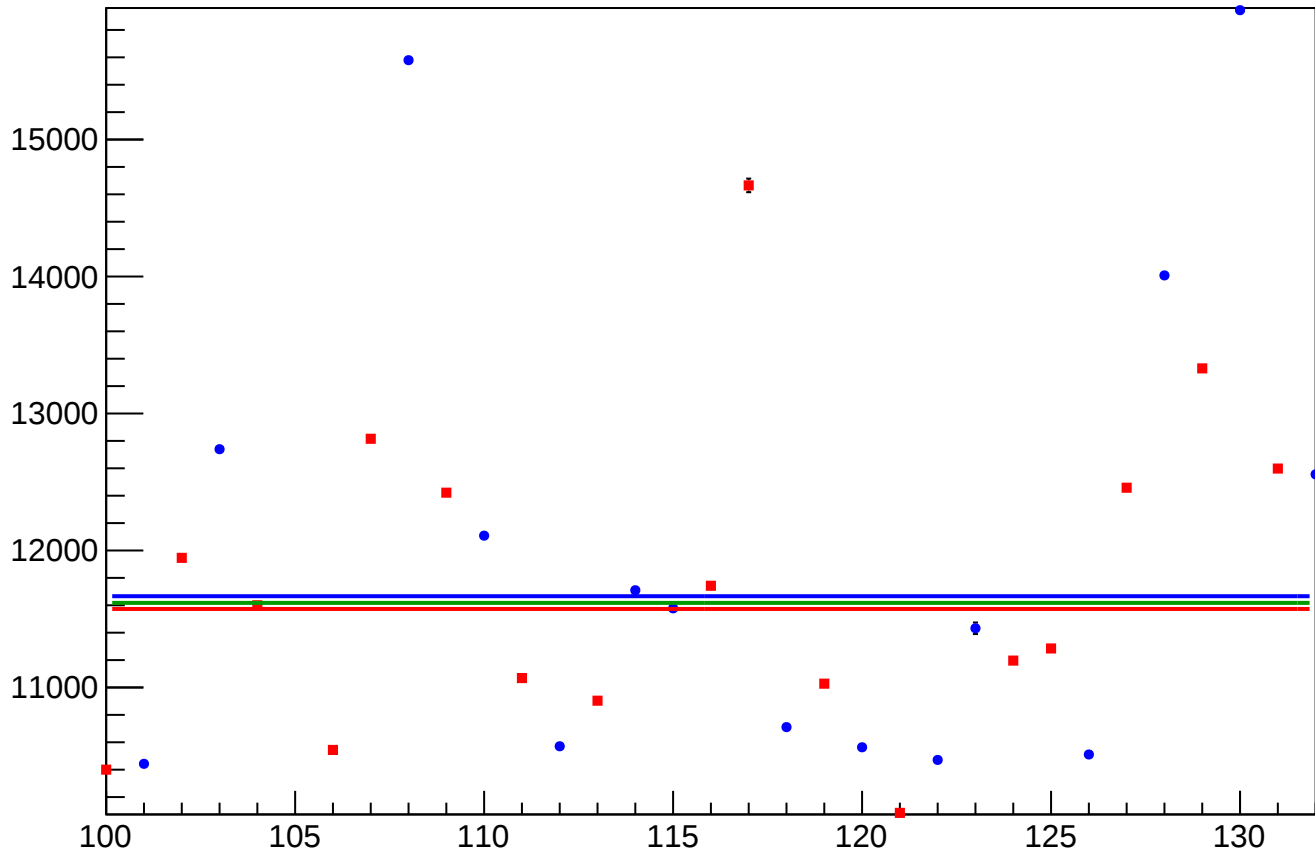
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3.980+/-4.950 χ^2 /NDF: 15.0/14

-2.736+/-3.416 χ^2 /NDF: 32.3/31

-1.605+/-4.721 χ^2 /NDF: 17.2/16

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11666.321+/-3.501 χ^2/NDF : 222270.4/14

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

Right Out: 11573.208+/-3.338 χ^2/NDF : 72868.1/16

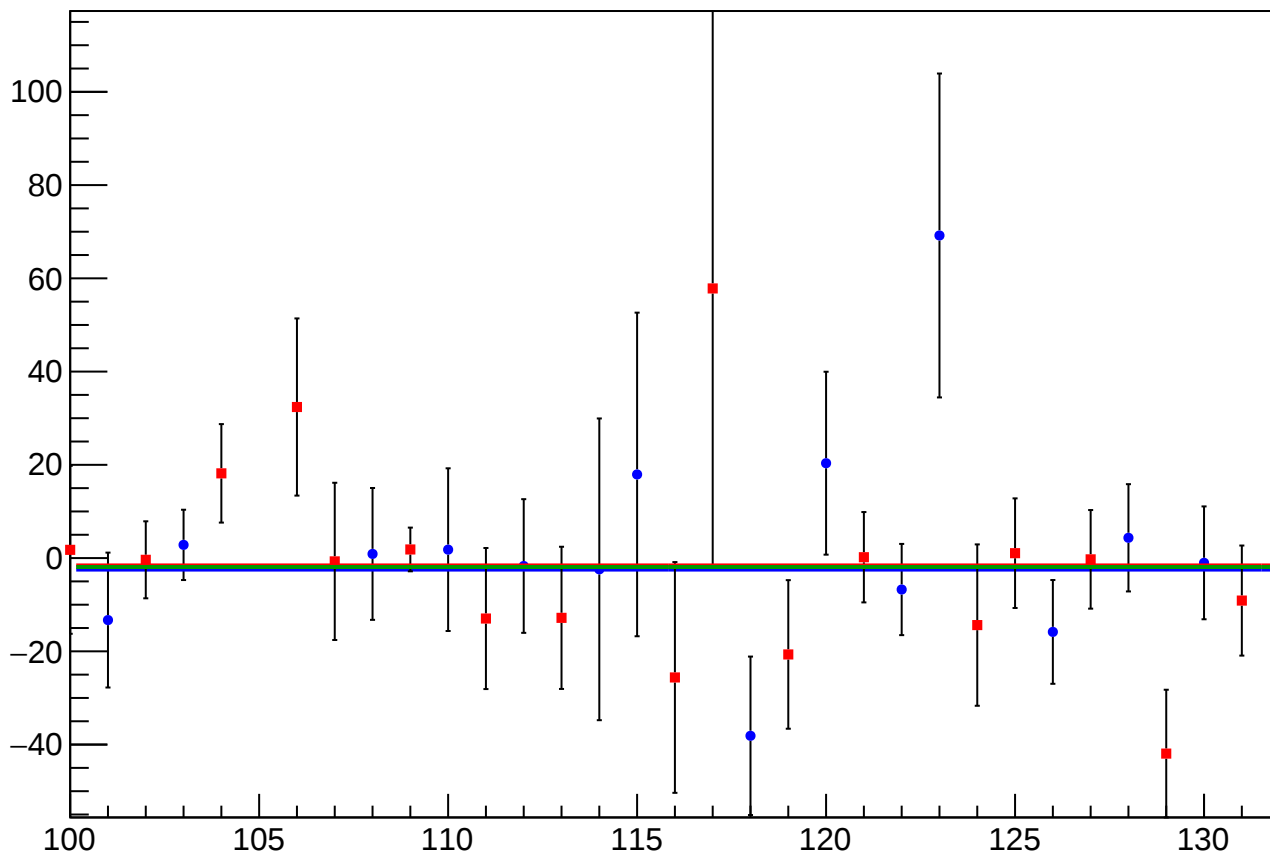
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11666.321+/-3.501 χ^2/NDF : 222270.4/14

11617.554+/-2.416 χ^2/NDF : 295509.1/31

11573.208+/-3.338 χ^2/NDF : 72868.1/16

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.465+/-3.485 χ^2/NDF : 13.5/14

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

Right Out: -1.578+/-2.715 χ^2/NDF : 21.5/16

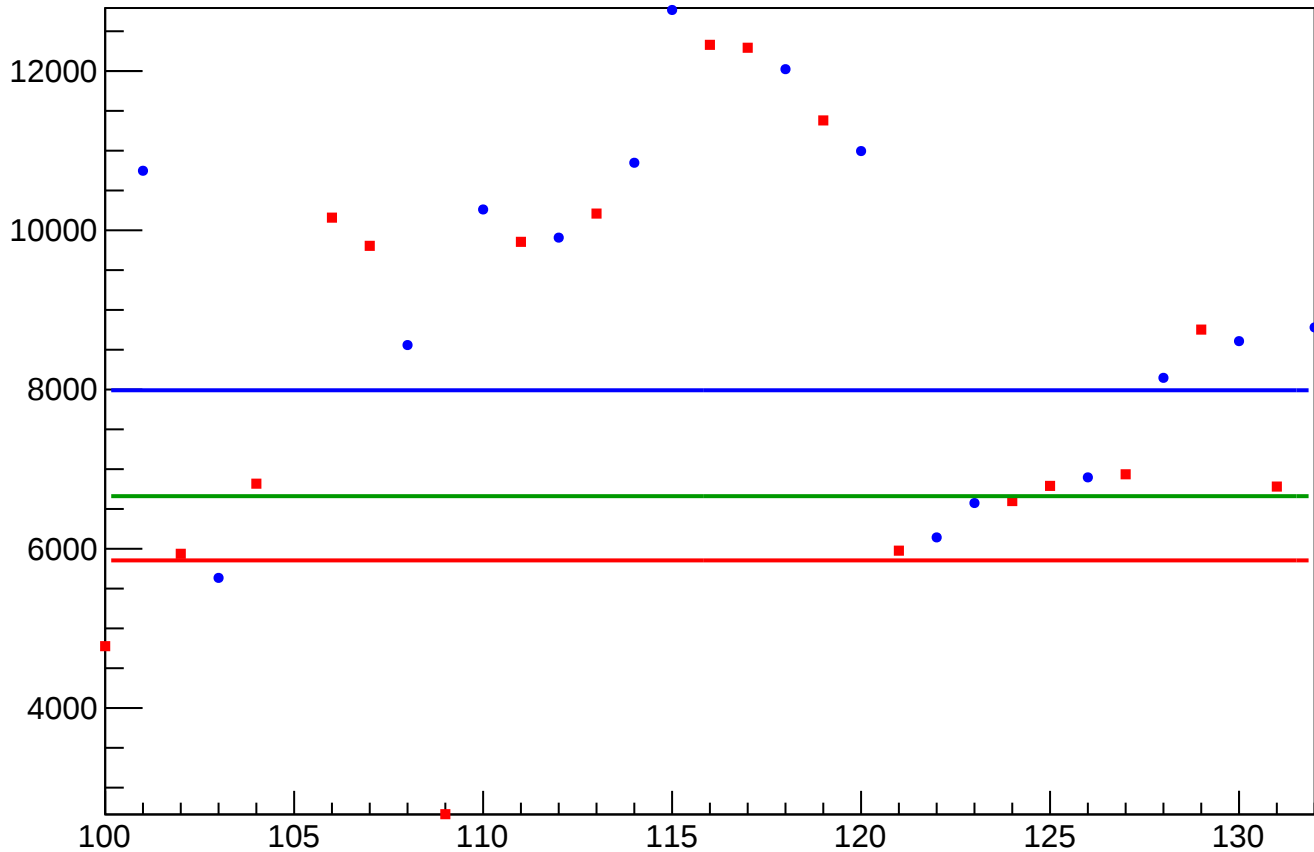
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.465+/-3.485 χ^2/NDF : 13.5/14

-1.913+/-2.142 χ^2/NDF : 35.1/31

-1.578+/-2.715 χ^2/NDF : 21.5/16

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7990.849+/-2.465 χ^2/NDF : 660035.0/14

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

Right Out: 5854.067+/-1.920 χ^2/NDF : 2004689.6/16

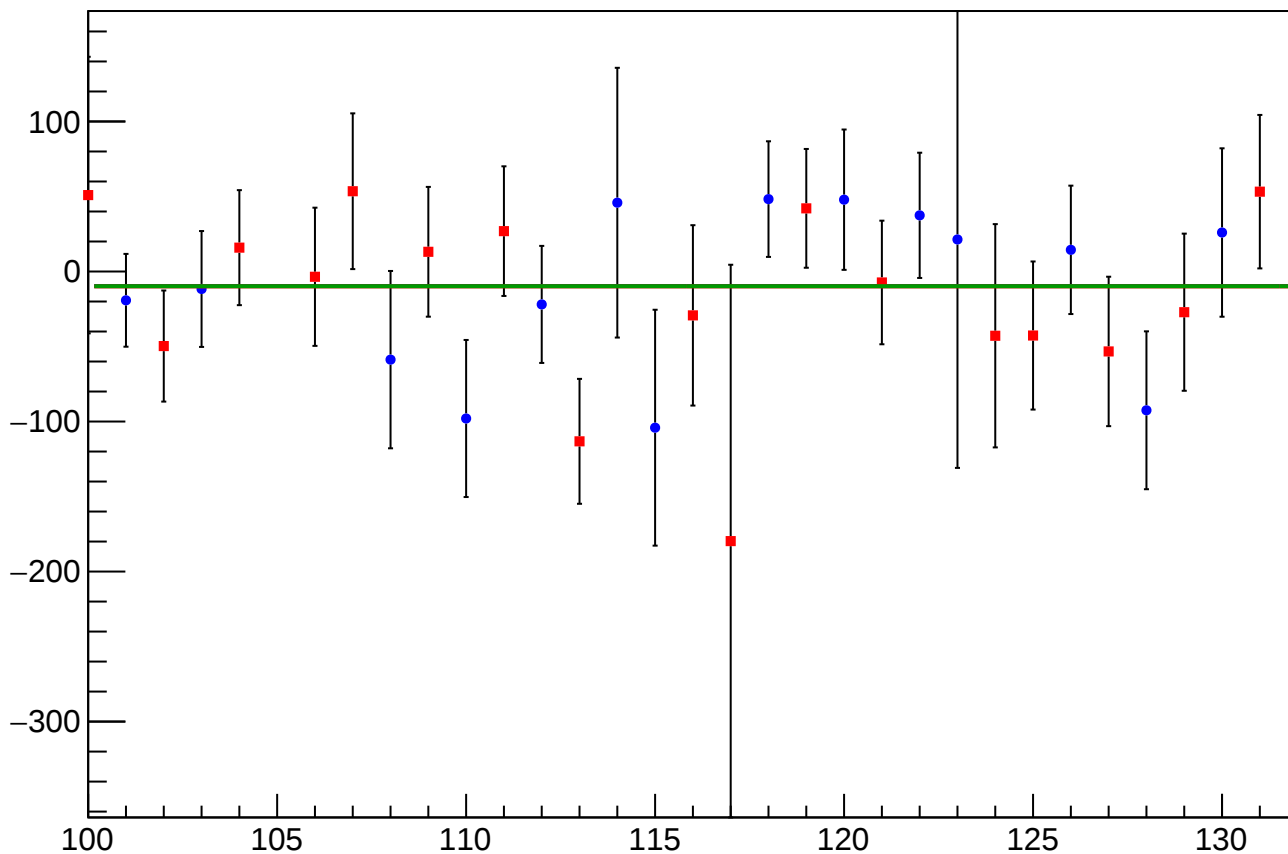
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7990.849+/-2.465 χ^2/NDF : 660035.0/14

6660.873+/-1.514 χ^2/NDF : 3132599.6/31

5854.067+/-1.920 χ^2/NDF : 2004689.6/16

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -9.684+/-12.236 χ^2/NDF : 14.4/14

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

Right Out: -9.905+/-11.711 χ^2/NDF : 16.4/16

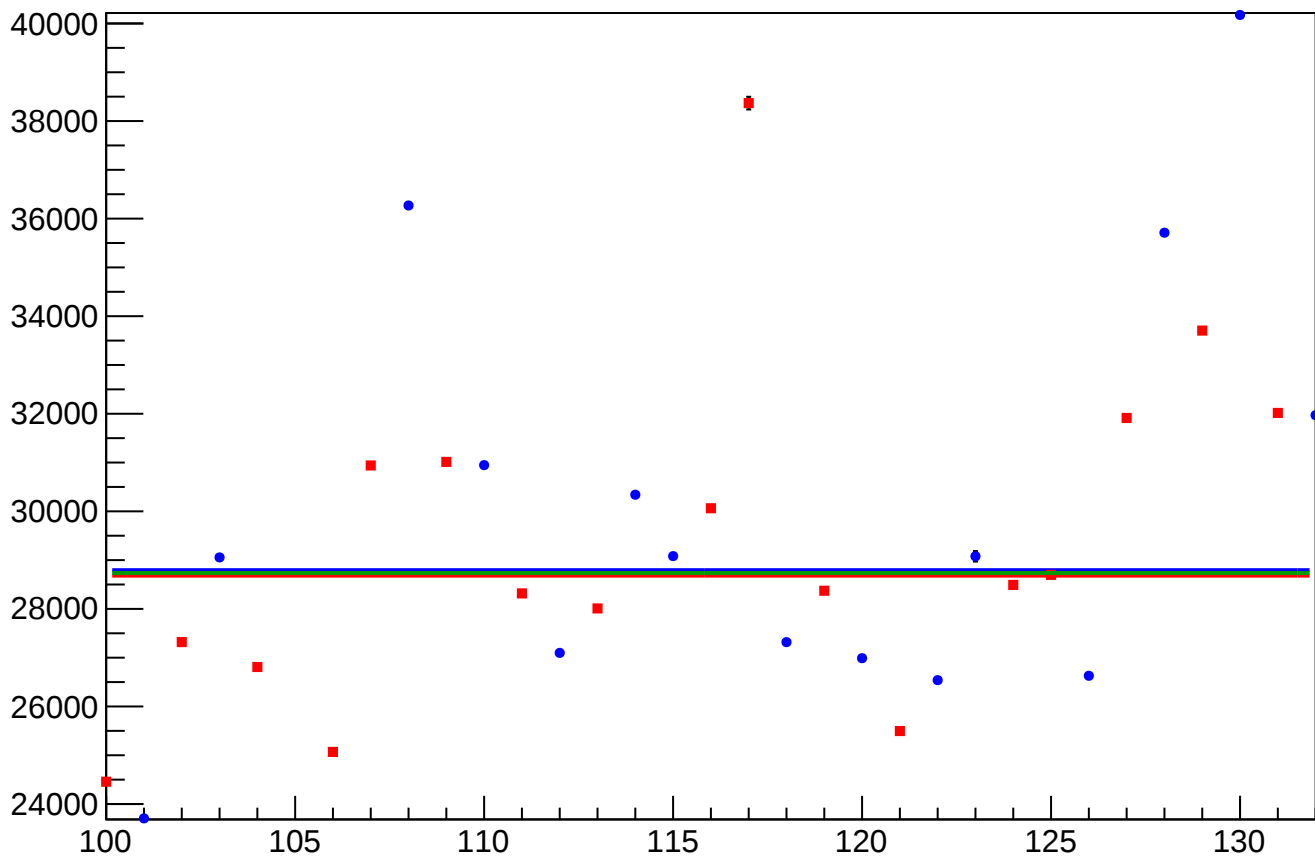
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.684+/-12.236 χ^2/NDF : 14.4/14

-9.799+/-8.460 χ^2/NDF : 30.8/31

-9.905+/-11.711 χ^2/NDF : 16.4/16

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28793.197+/-8.652 χ^2/NDF : 235653.2/14

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

Right Out: 28682.725+/-8.281 χ^2/NDF : 88256.7/16

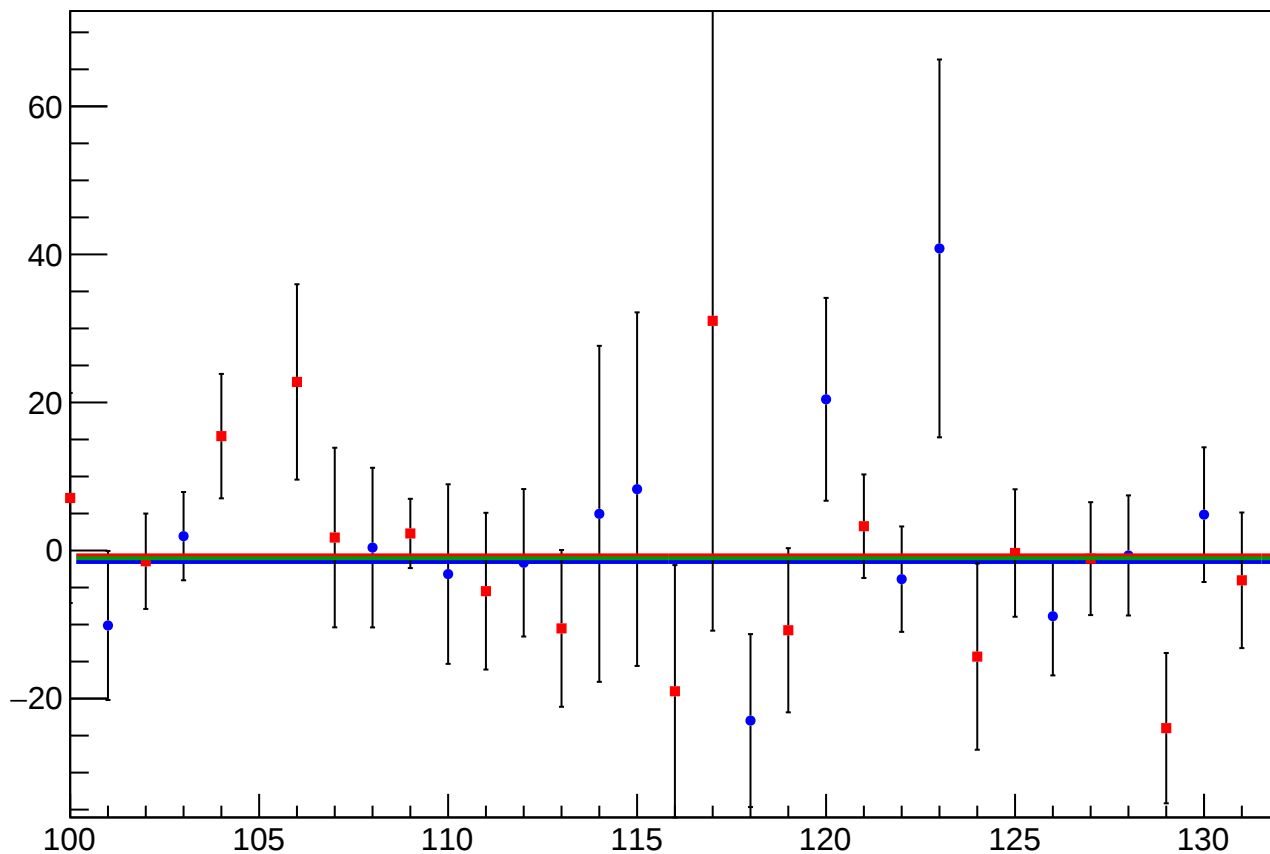
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28793.197+/-8.652 χ^2/NDF : 235653.2/14

28735.537+/-5.982 χ^2/NDF : 323995.1/31

28682.725+/-8.281 χ^2/NDF : 88256.7/16

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.544+/-2.546 χ^2/NDF : 11.5/14

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

Right Out: -0.658+/-2.180 χ^2/NDF : 18.1/16

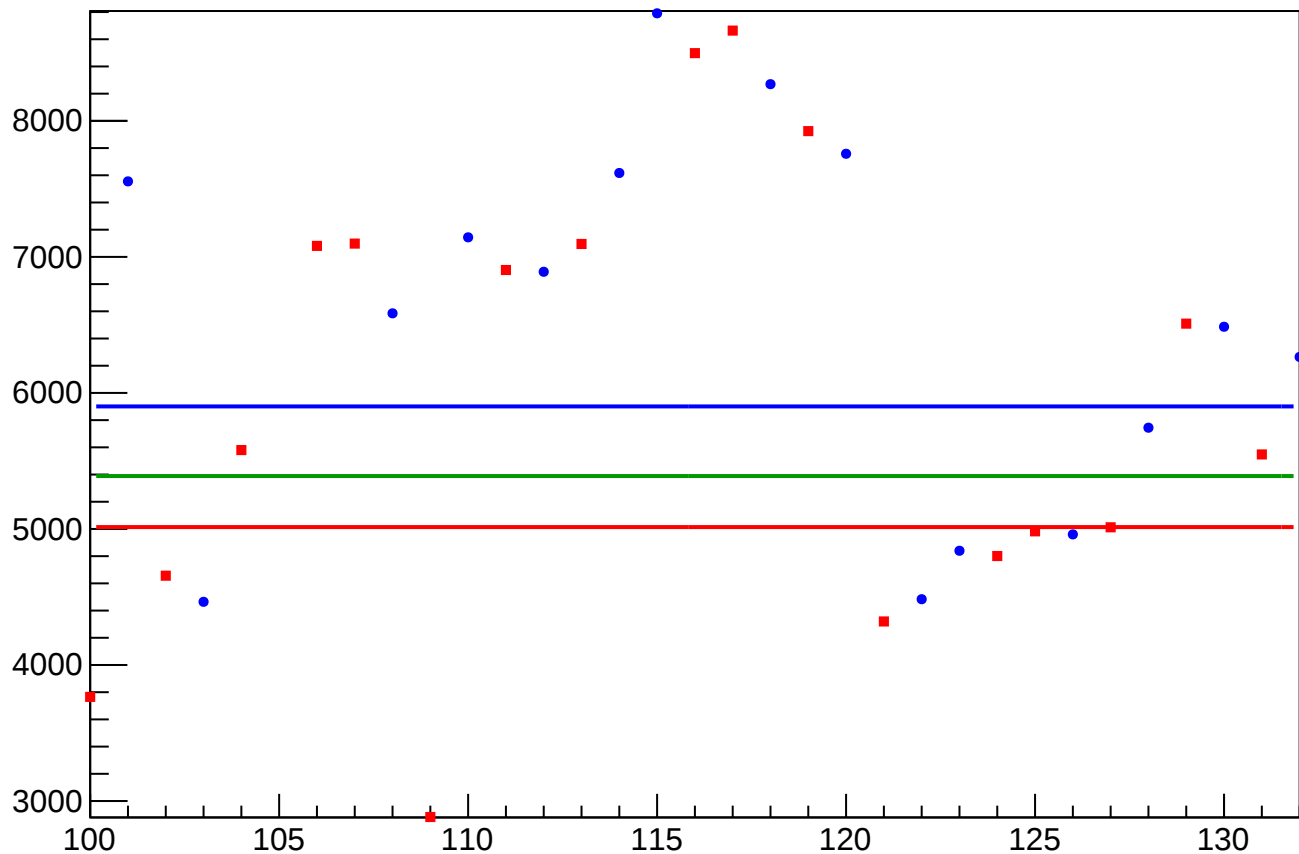
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.544+/-2.546 χ^2/NDF : 11.5/14

-1.033+/-1.656 χ^2/NDF : 29.7/31

-0.658+/-2.180 χ^2/NDF : 18.1/16

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5900.823+/-1.800 χ^2/NDF : 500784.6/14

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

Right Out: 5013.814+/-1.541 χ^2/NDF : 1001670.9/16

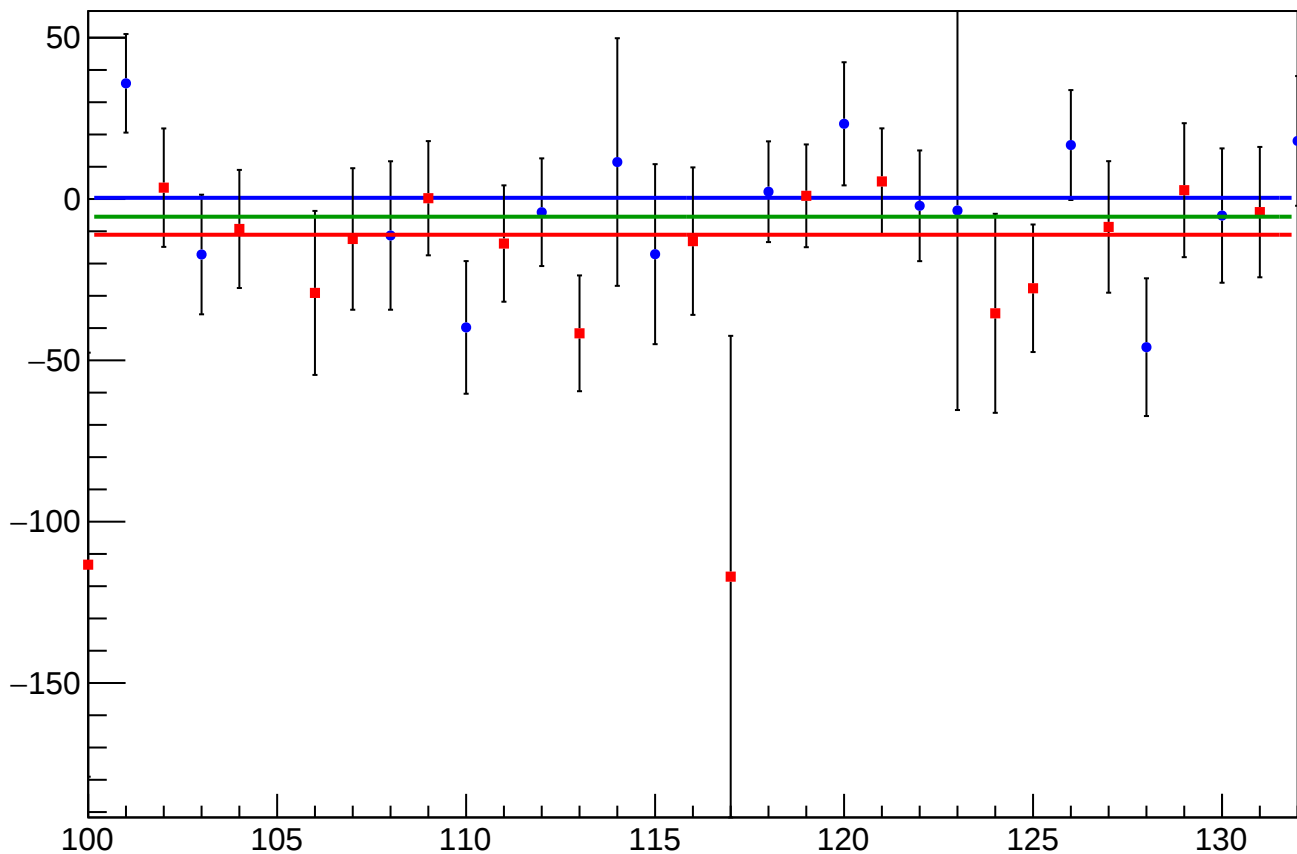
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5900.823+/-1.800 χ^2/NDF : 500784.6/14

5388.994+/-1.171 χ^2/NDF : 1642533.7/31

5013.814+/-1.541 χ^2/NDF : 1001670.9/16

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.373+/-5.134 χ^2/NDF : 18.9/14

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

Right Out: -11.071+/-5.019 χ^2/NDF : 12.4/16

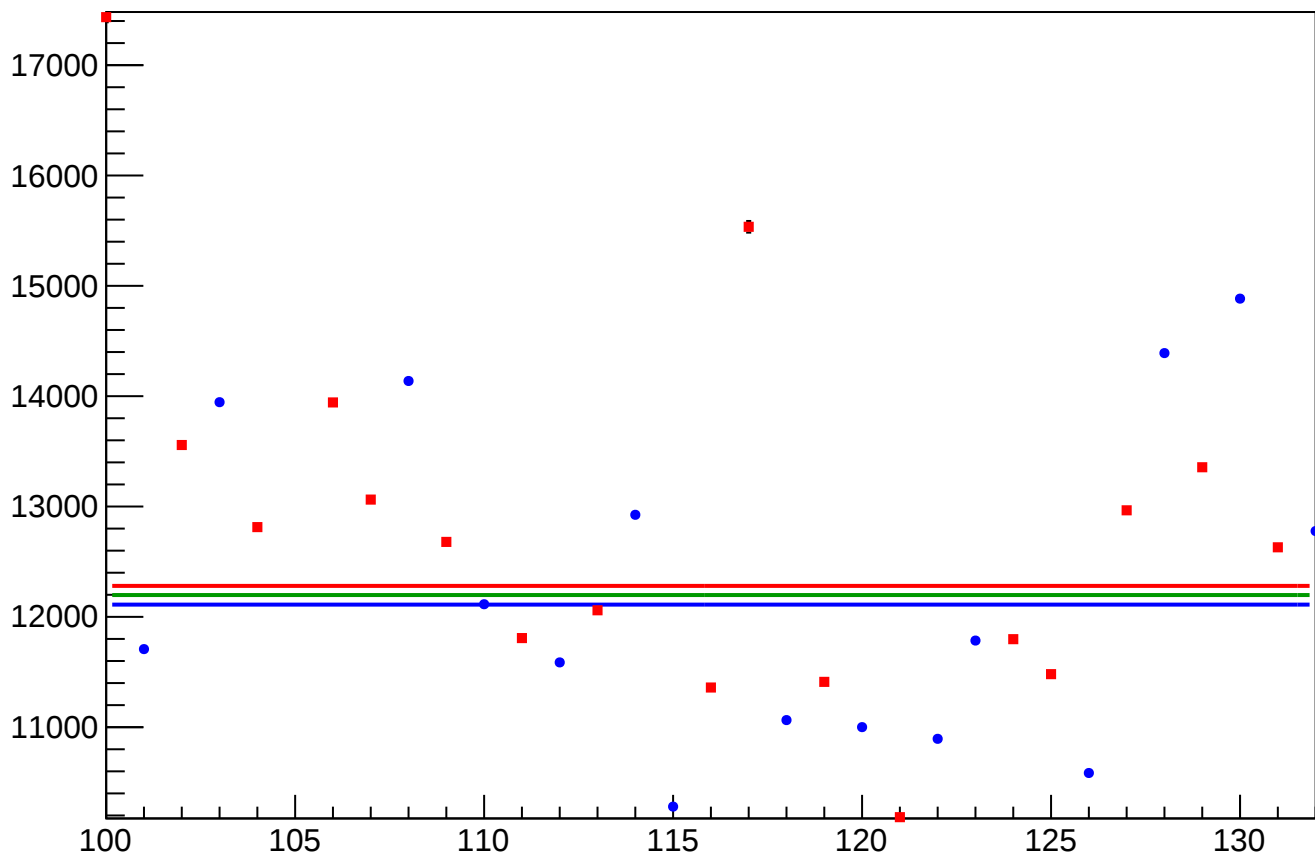
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.373+/-5.134 χ^2/NDF : 18.9/14

-5.479+/-3.589 χ^2/NDF : 33.8/31

-11.071+/-5.019 χ^2/NDF : 12.4/16

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12110.977+/-3.630 χ^2/NDF : 150395.2/14

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

Right Out: 12280.653+/-3.549 χ^2/NDF : 94934.8/16

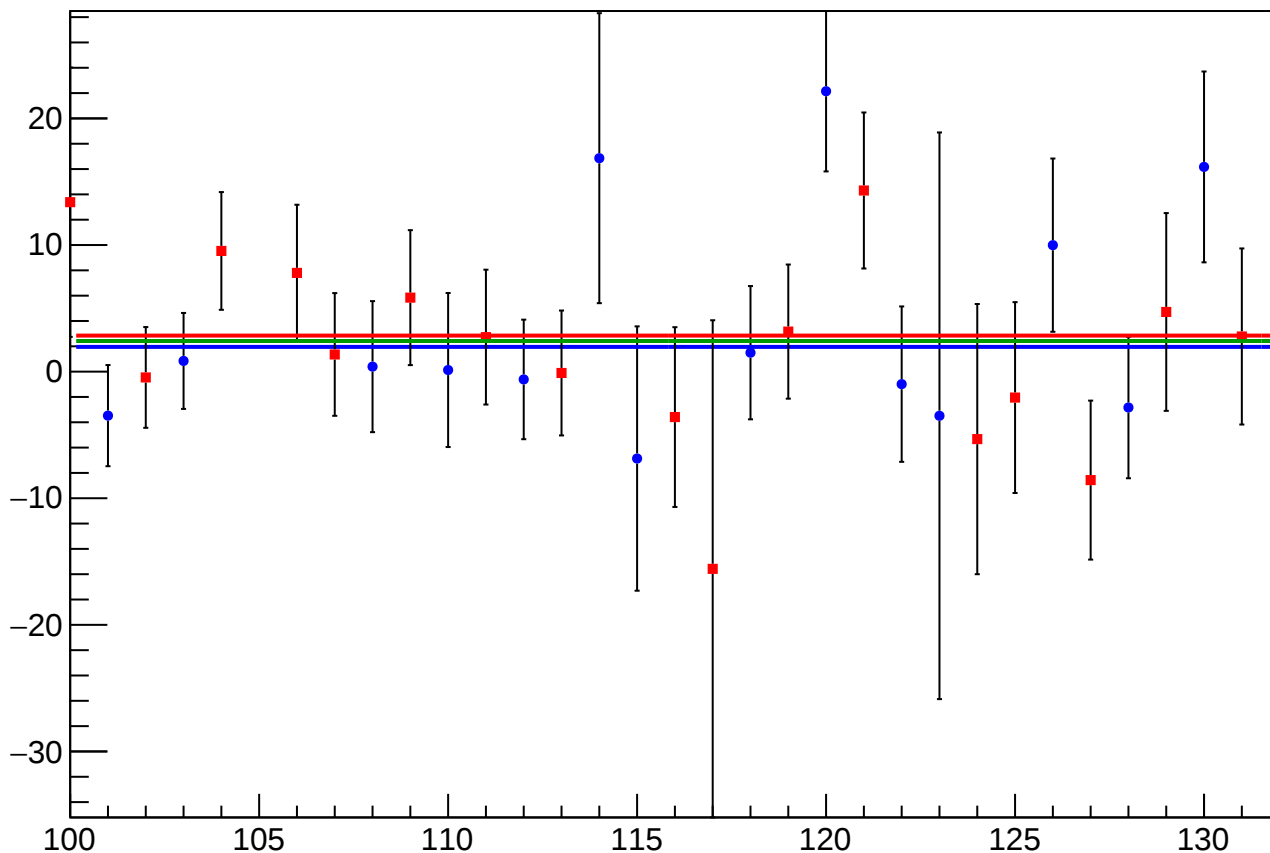
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12110.977+/-3.630 χ^2/NDF : 150395.2/14

12197.743+/-2.538 χ^2/NDF : 246447.0/31

12280.653+/-3.549 χ^2/NDF : 94934.8/16

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.955+/-1.503 χ^2/NDF : 21.1/14

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

Right Out: 2.847+/-1.443 χ^2/NDF : 14.9/16

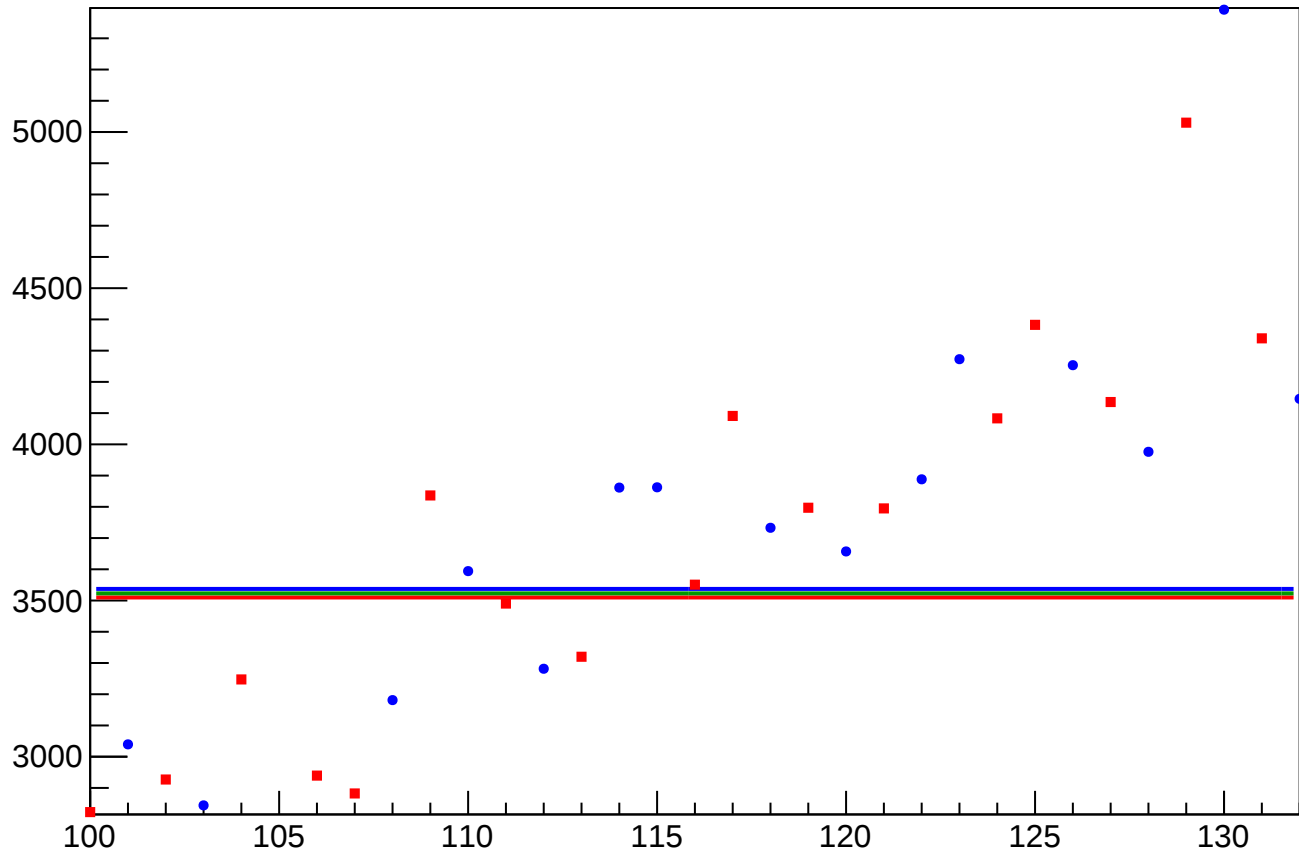
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.955+/-1.503 χ^2/NDF : 21.1/14

2.419+/-1.041 χ^2/NDF : 36.2/31

2.847+/-1.443 χ^2/NDF : 14.9/16

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3537.175+/-1.063 χ^2/NDF : 301950.3/14

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

Right Out: 3509.781+/-1.020 χ^2/NDF : 292791.5/16

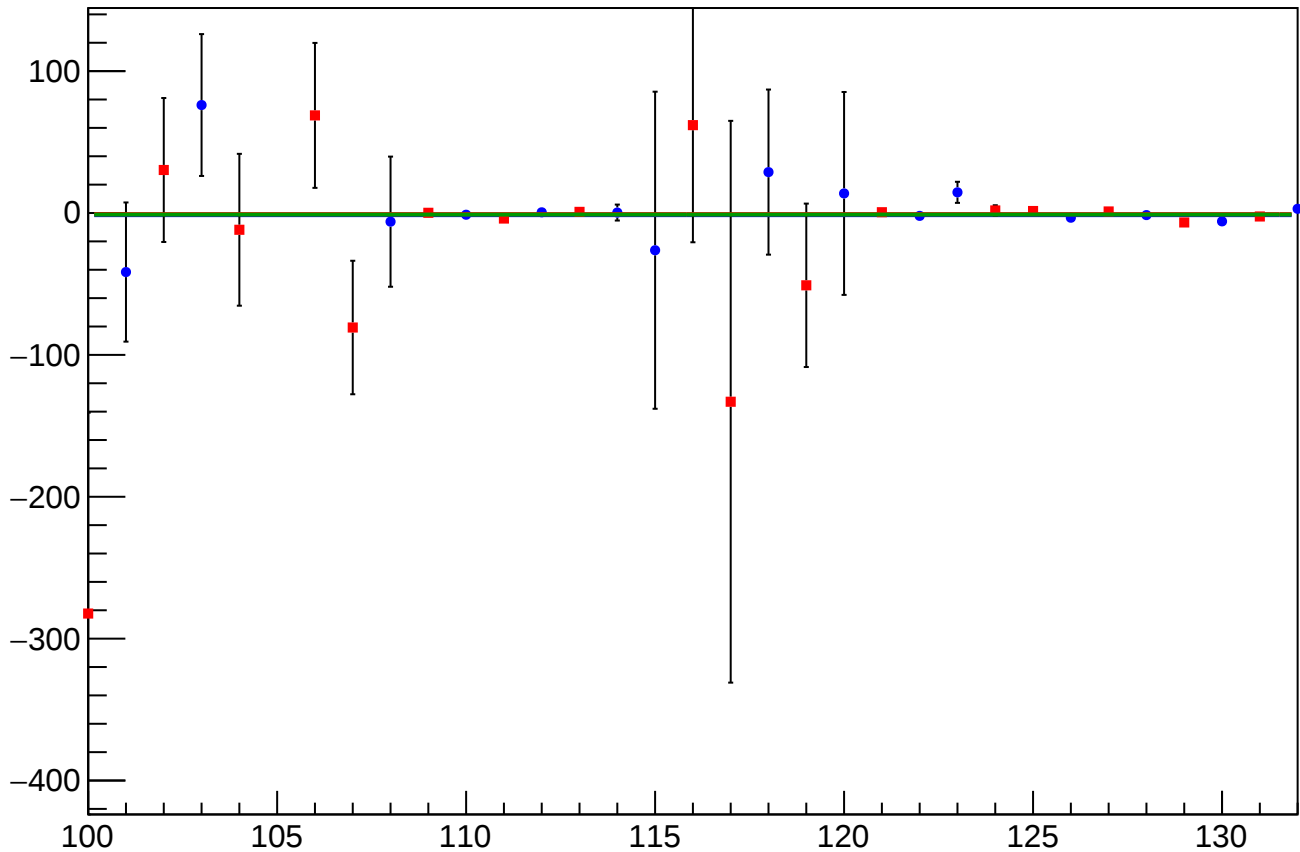
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3537.175+/-1.063 χ^2/NDF : 301950.3/14

3522.918+/-0.736 χ^2/NDF : 595087.4/31

3509.781+/-1.020 χ^2/NDF : 292791.5/16

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.495+/-0.908 χ^2/NDF : 15.7/14

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

Right Out: -0.779+/-0.822 χ^2/NDF : 20.9/16

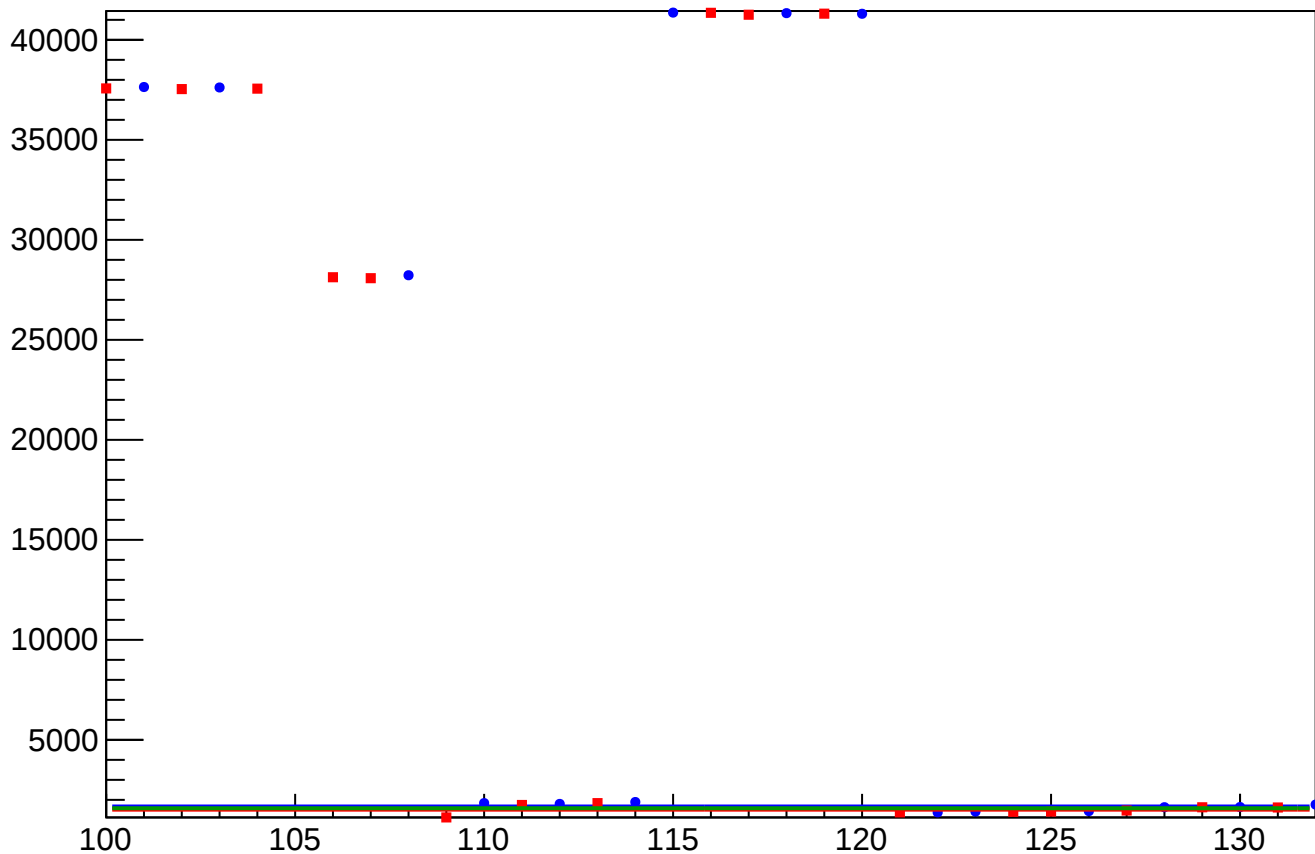
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.495+/-0.908 χ^2/NDF : 15.7/14

-1.102+/-0.610 χ^2/NDF : 37.0/31

-0.779+/-0.822 χ^2/NDF : 20.9/16

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1667.538 $\pm$ 0.642 χ^2/NDF : 4652729.7/14

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

Right Out: 1510.686 $\pm$ 0.581 χ^2/NDF : 4891511.3/16

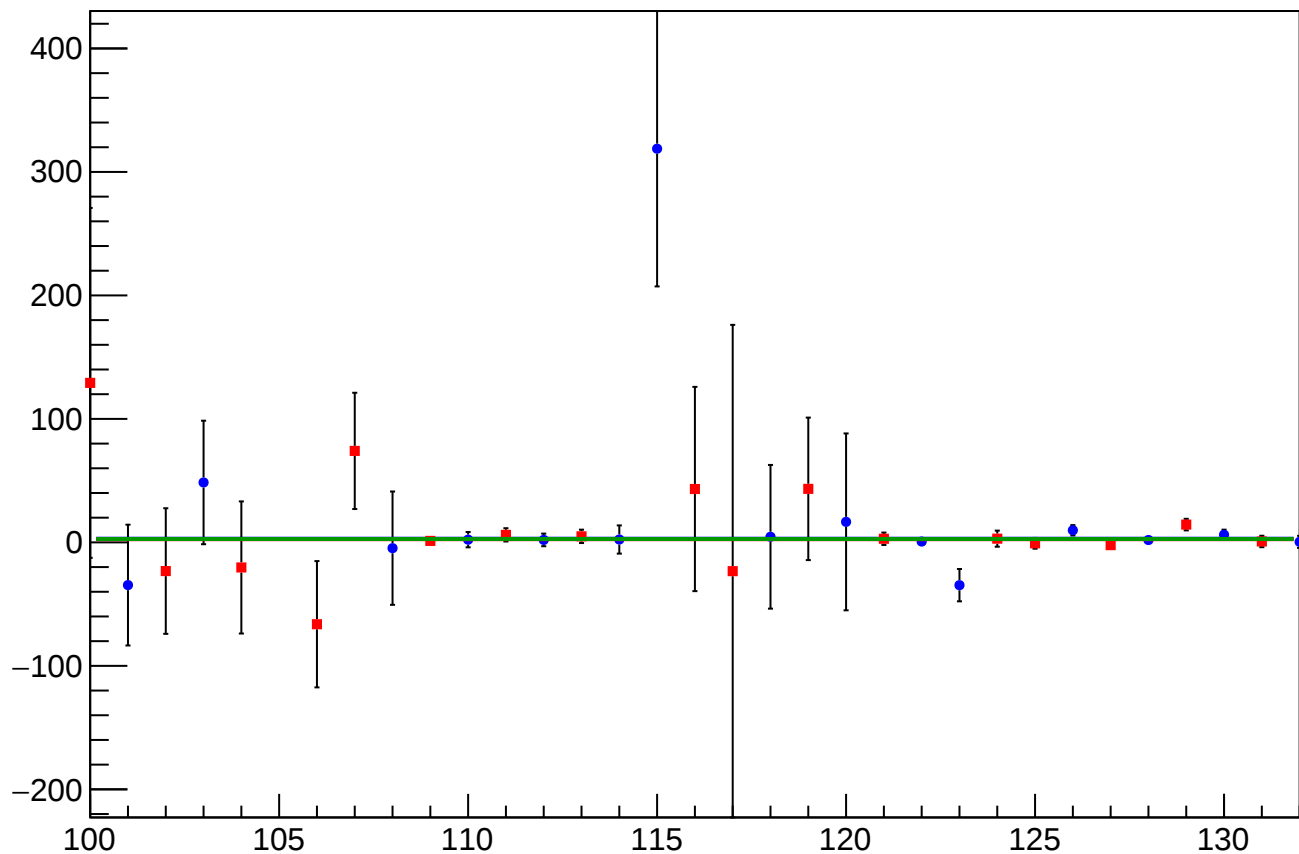
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1667.538 $\pm$ 0.642 χ^2/NDF : 4652729.7/14

1581.324 $\pm$ 0.431 χ^2/NDF : 9577012.4/31

1510.686 $\pm$ 0.581 χ^2/NDF : 4891511.3/16

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.952 $\pm$ 1.649 χ^2 /NDF: 21.8/14

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

Right Out: 2.578 $\pm$ 1.437 χ^2 /NDF: 15.6/16

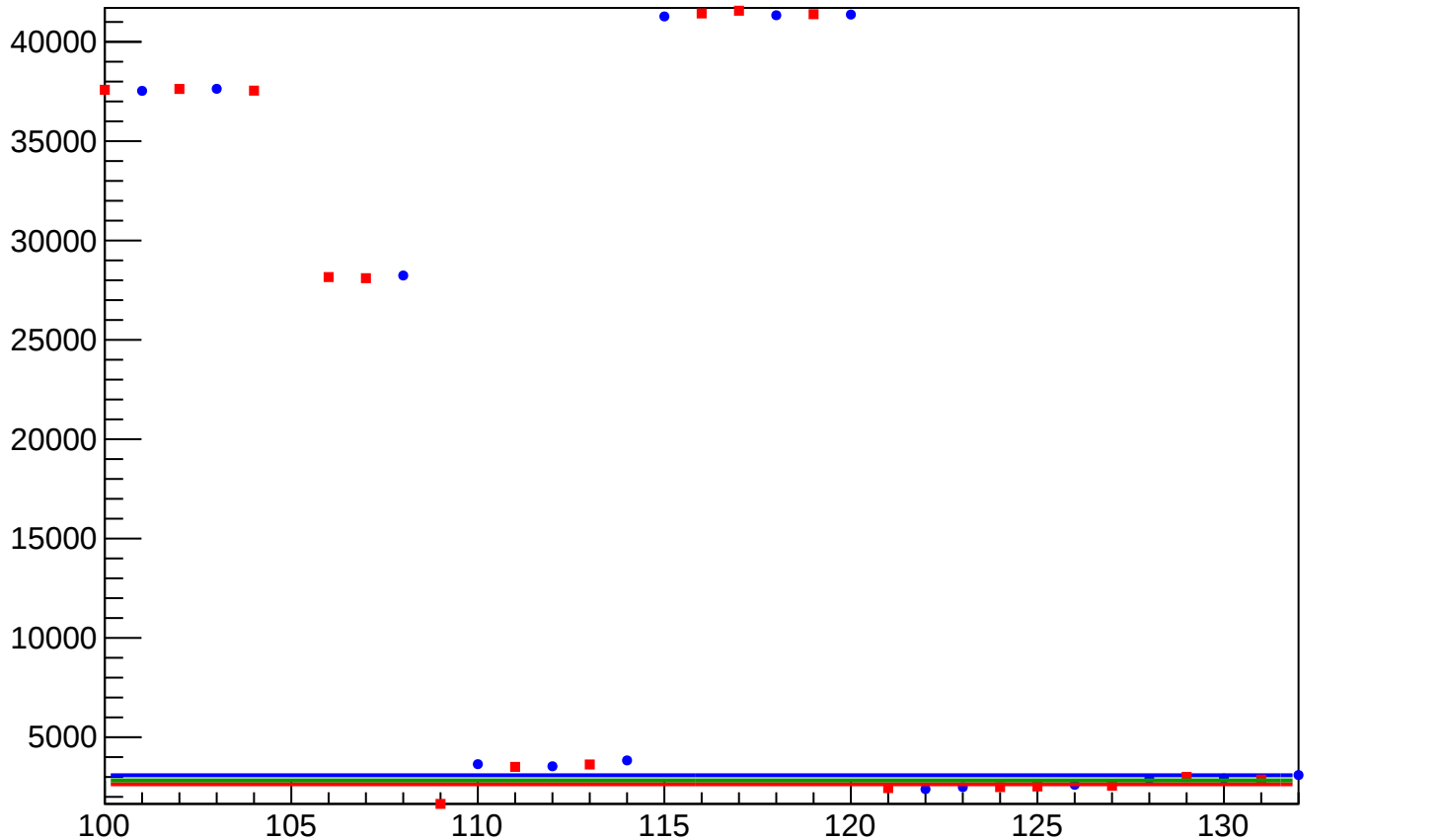
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.952 $\pm$ 1.649 χ^2 /NDF: 21.8/14

2.740 $\pm$ 1.083 χ^2 /NDF: 37.5/31

2.578 $\pm$ 1.437 χ^2 /NDF: 15.6/16

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3086.375+/-1.166 χ^2/NDF : 4364189.1/14

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

Right Out: 2634.293+/-1.016 χ^2/NDF : 4837342.2/16

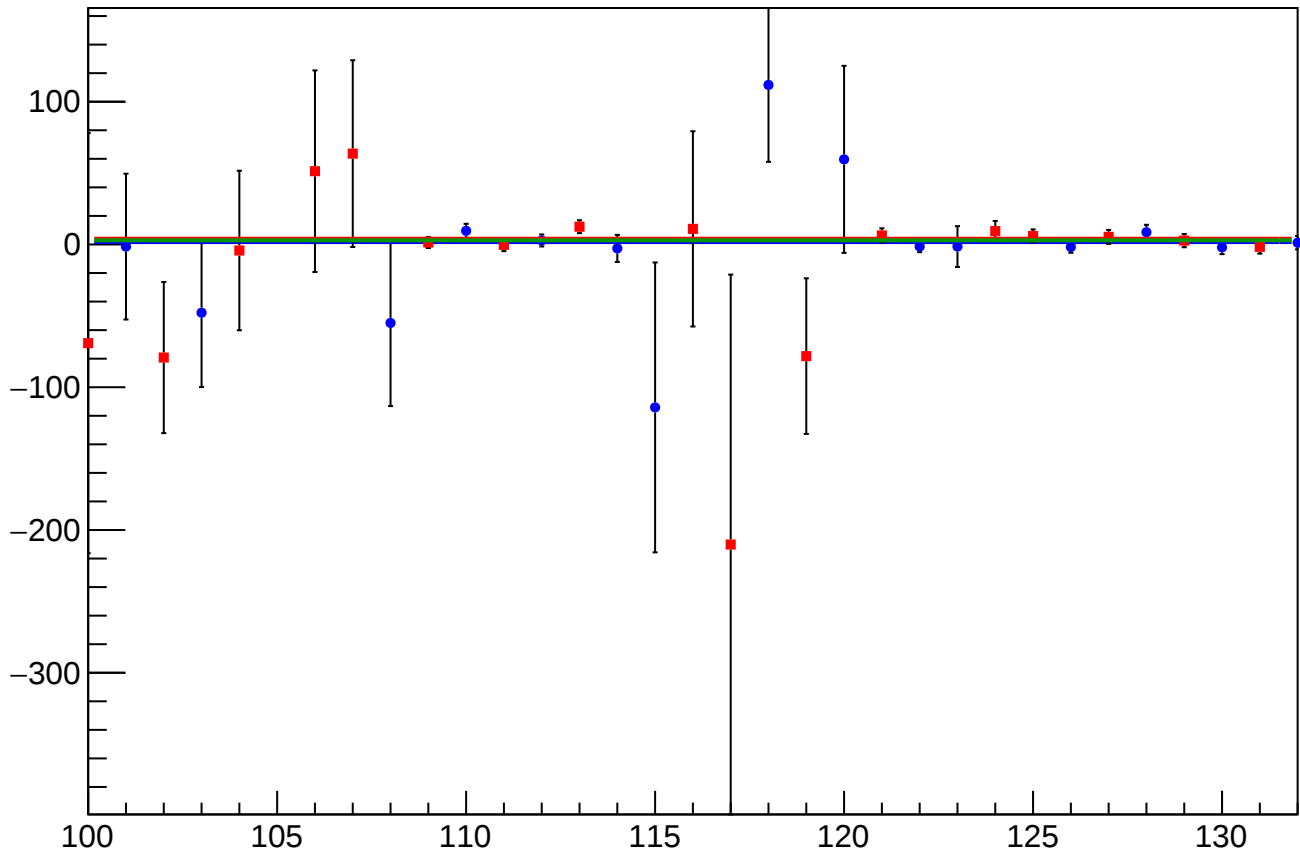
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3086.375+/-1.166 χ^2/NDF : 4364189.1/14

2829.549+/-0.766 χ^2/NDF : 9286970.4/31

2634.293+/-1.016 χ^2/NDF : 4837342.2/16

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.685+/-1.653 χ^2/NDF : 14.7/14

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

Right Out: 4.013+/-1.561 χ^2/NDF : 15.0/16

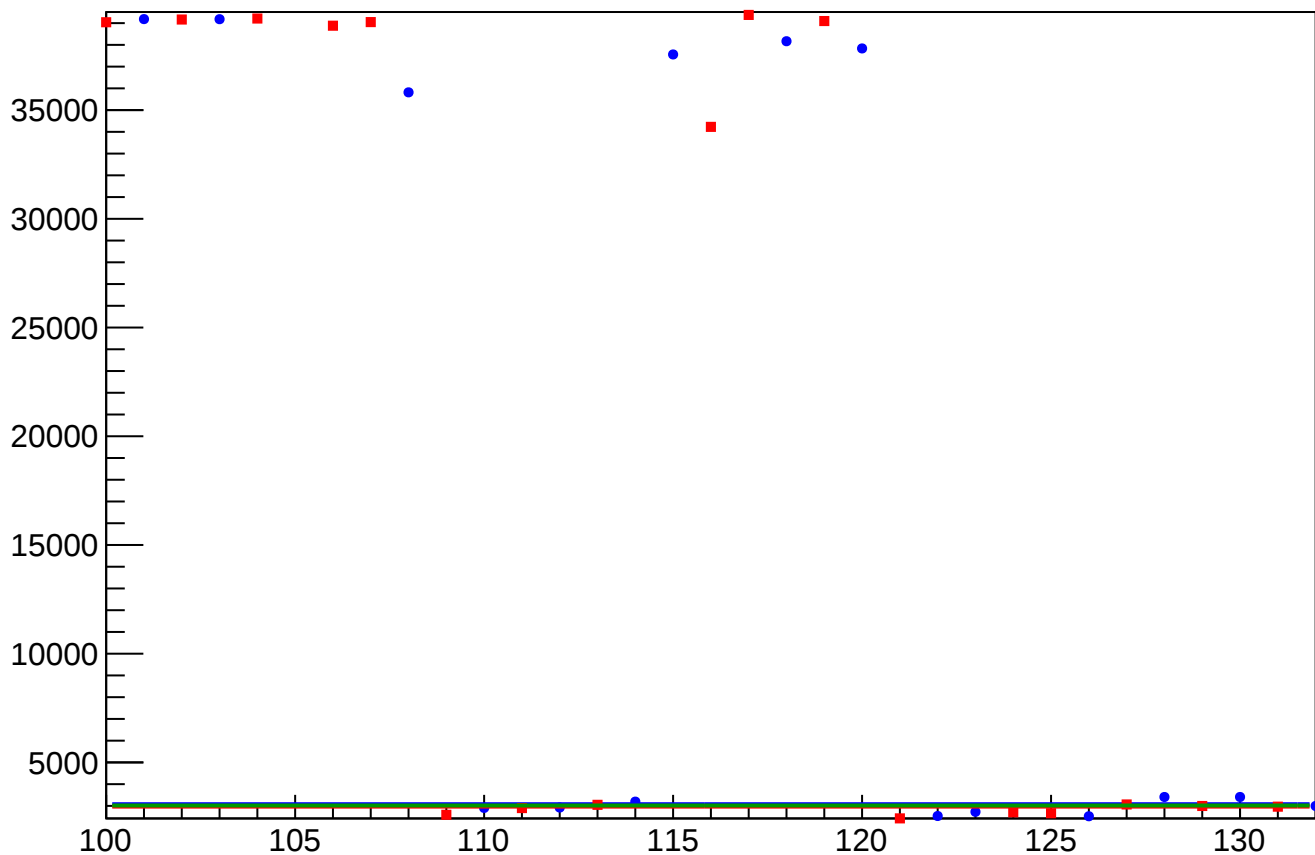
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.685+/-1.653 χ^2/NDF : 14.7/14

2.916+/-1.135 χ^2/NDF : 30.8/31

4.013+/-1.561 χ^2/NDF : 15.0/16

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3077.683 ± 1.169 $\chi^2/\text{NDF}: 4335162.0/14$

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

Right Out: 2967.858 ± 1.104 $\chi^2/\text{NDF}: 4450215.4/16$

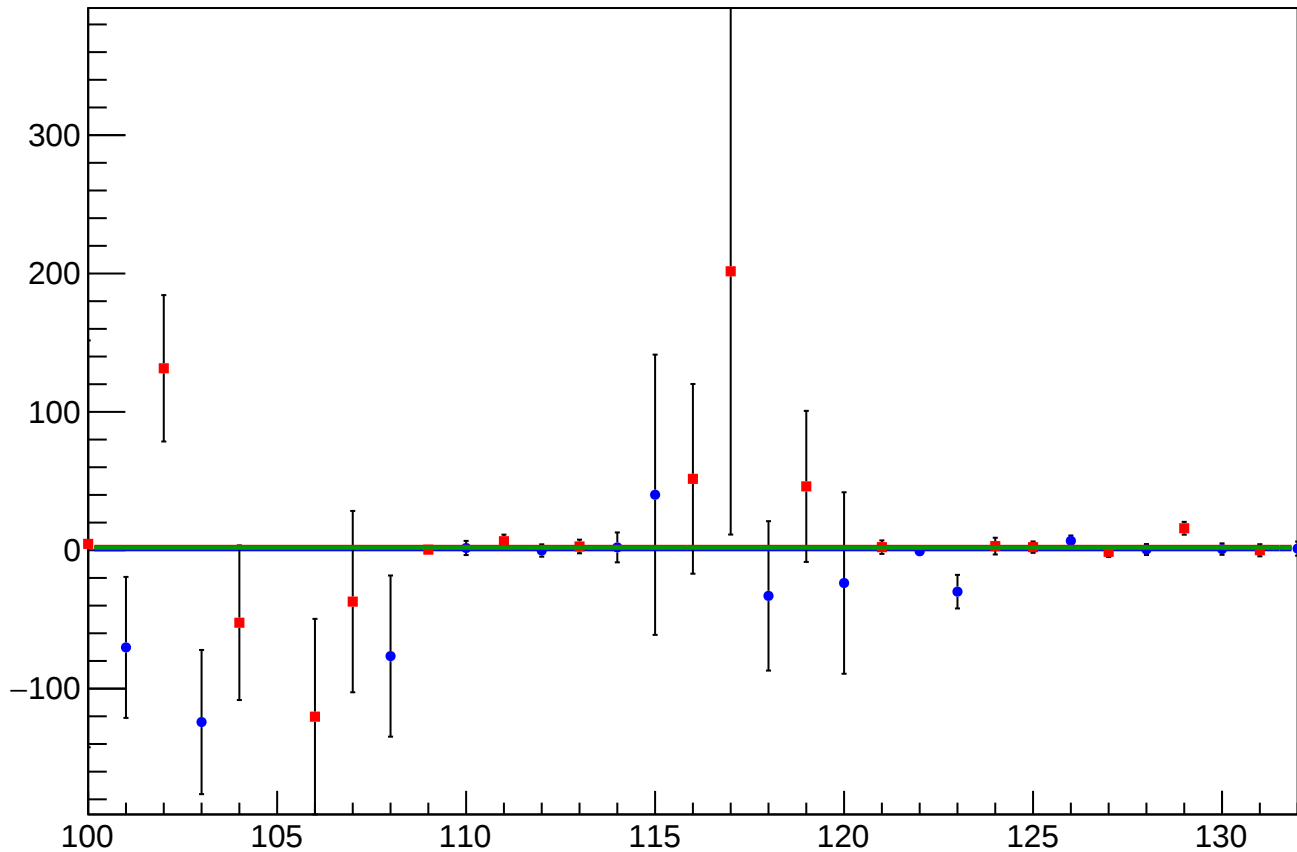
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3077.683 ± 1.169 $\chi^2/\text{NDF}: 4335162.0/14$

3019.608 ± 0.803 $\chi^2/\text{NDF}: 8790043.7/31$

2967.858 ± 1.104 $\chi^2/\text{NDF}: 4450215.4/16$

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.688 $\pm$ 1.556 χ^2/NDF : 19.2/14

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

Right Out: 2.508 $\pm$ 1.292 χ^2/NDF : 23.8/16

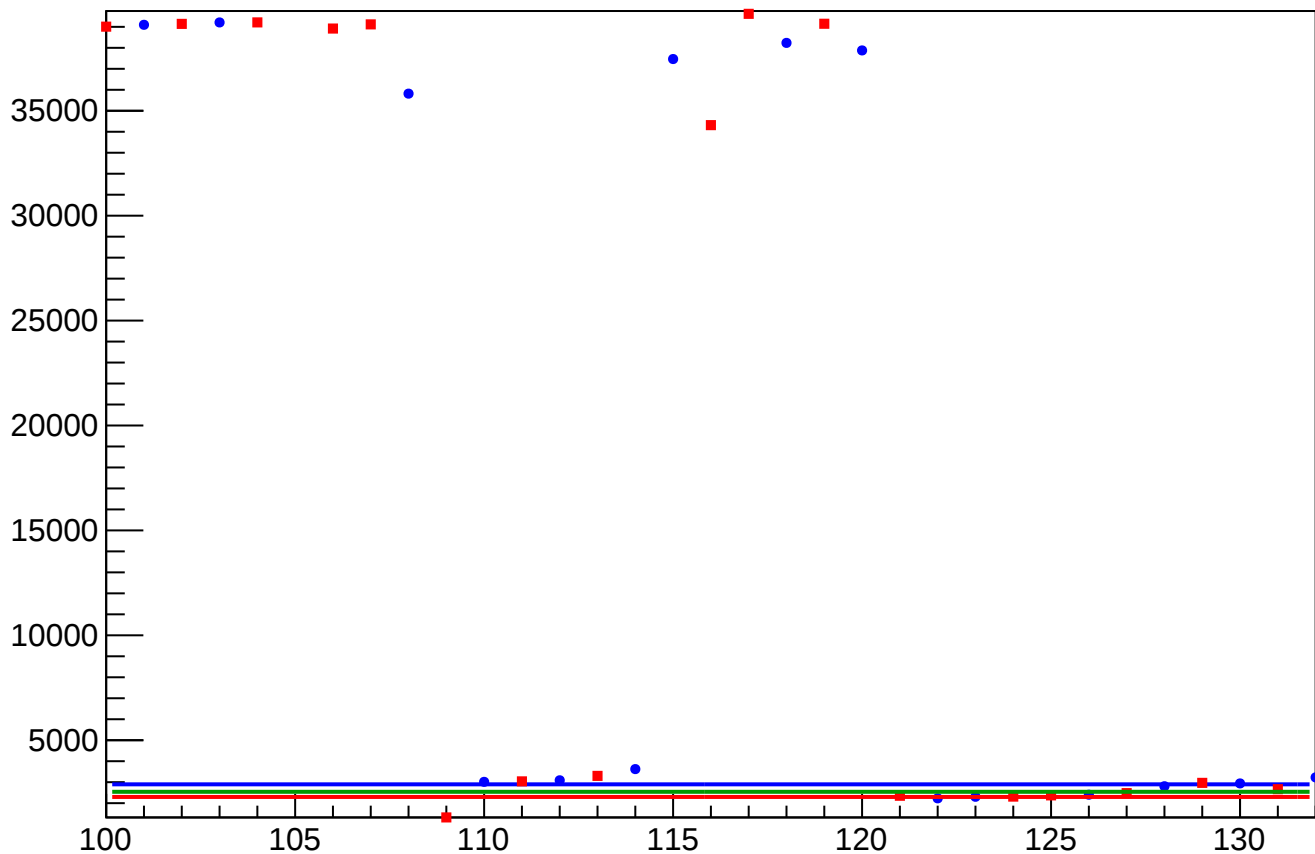
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.688 $\pm$ 1.556 χ^2/NDF : 19.2/14

1.765 $\pm$ 0.994 χ^2/NDF : 43.8/31

2.508 $\pm$ 1.292 χ^2/NDF : 23.8/16

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2897.608+/-1.100 χ^2/NDF : 4411345.4/14

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

Right Out: 2296.225+/-0.914 χ^2/NDF : 5161440.4/16

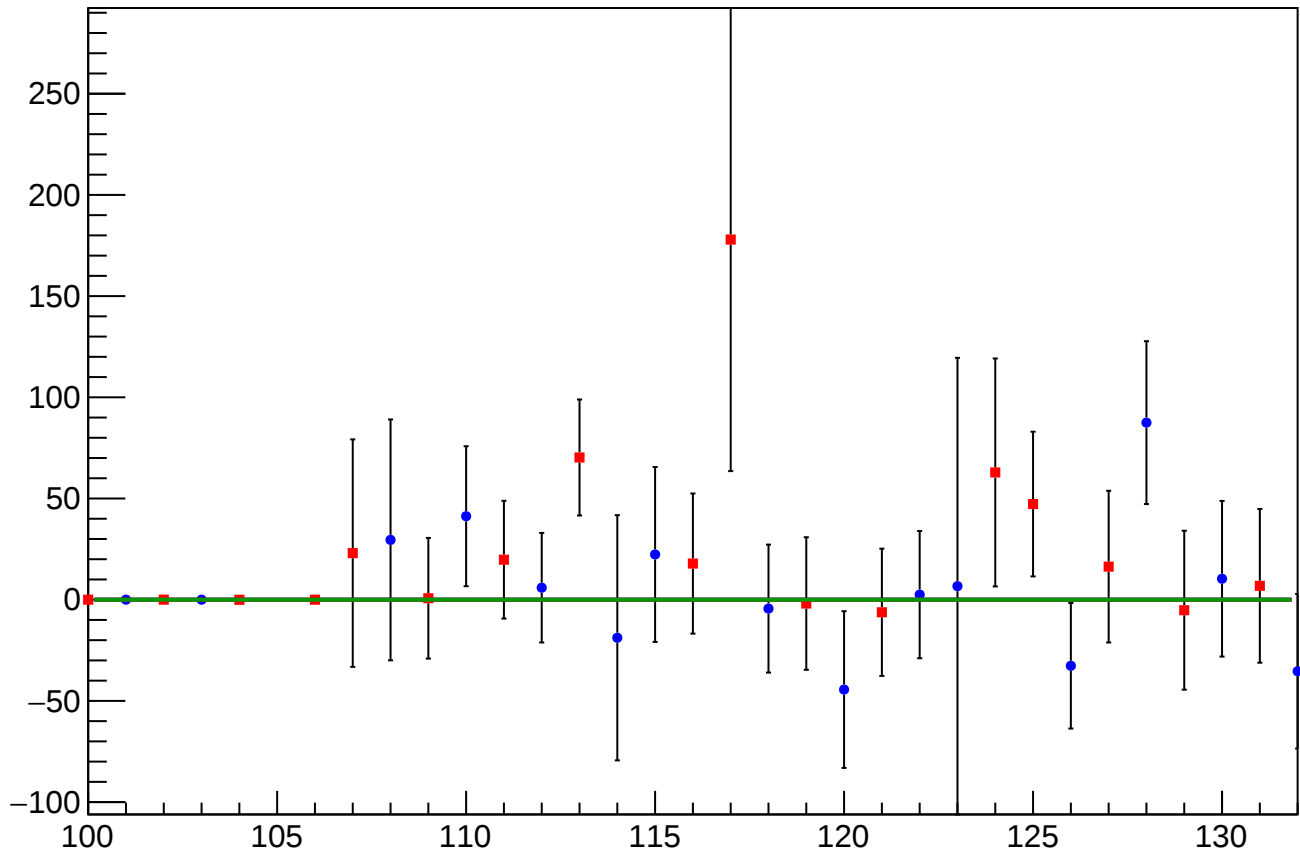
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2897.608+/-1.100 χ^2/NDF : 4411345.4/14

2541.663+/-0.703 χ^2/NDF : 9749611.8/31

2296.225+/-0.914 χ^2/NDF : 5161440.4/16

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 10.3/14

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

Right Out: -0.003+/-0.016 χ^2/NDF : 17.4/16

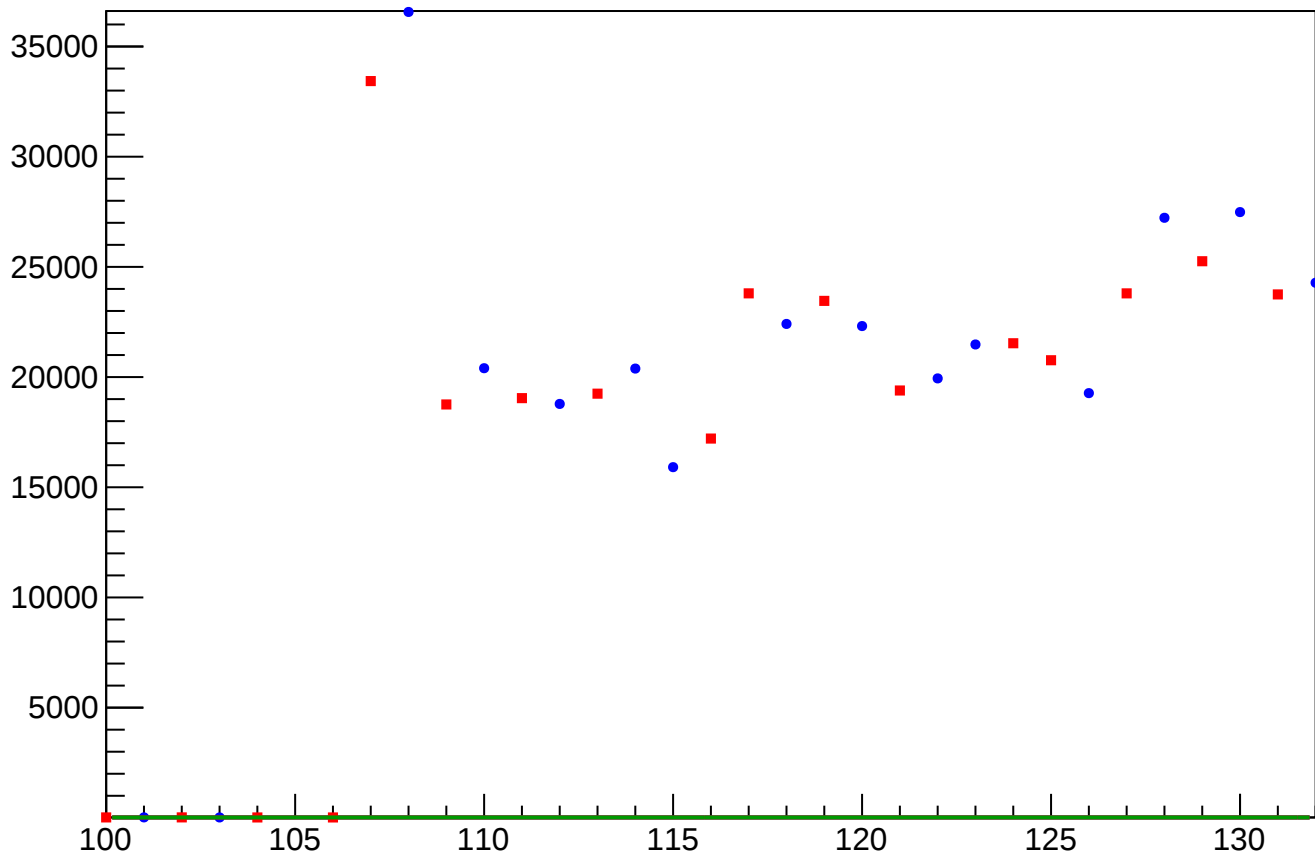
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 10.3/14

0.004+/-0.012 χ^2/NDF : 28.3/31

-0.003+/-0.016 χ^2/NDF : 17.4/16

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.620+/-0.012 χ^2/NDF : 8975075.5/14

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

Right Out: 18.296+/-0.011 χ^2/NDF : 9006430.2/16

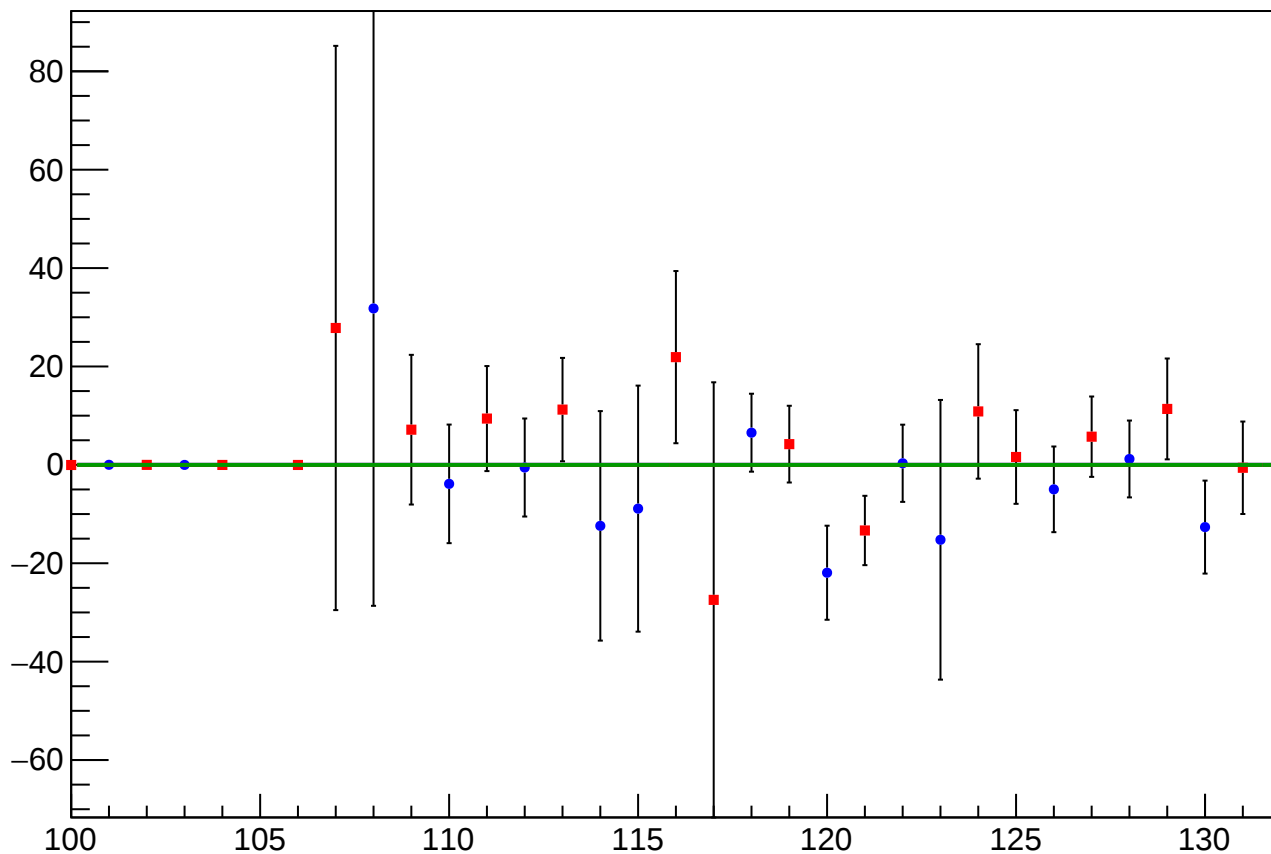
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.620+/-0.012 χ^2/NDF : 8975075.5/14

18.445+/-0.008 χ^2/NDF : 17981881.6/31

18.296+/-0.011 χ^2/NDF : 9006430.2/16

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 10.3/14

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

Right Out: -0.014+/-0.009 χ^2/NDF : 11.3/16

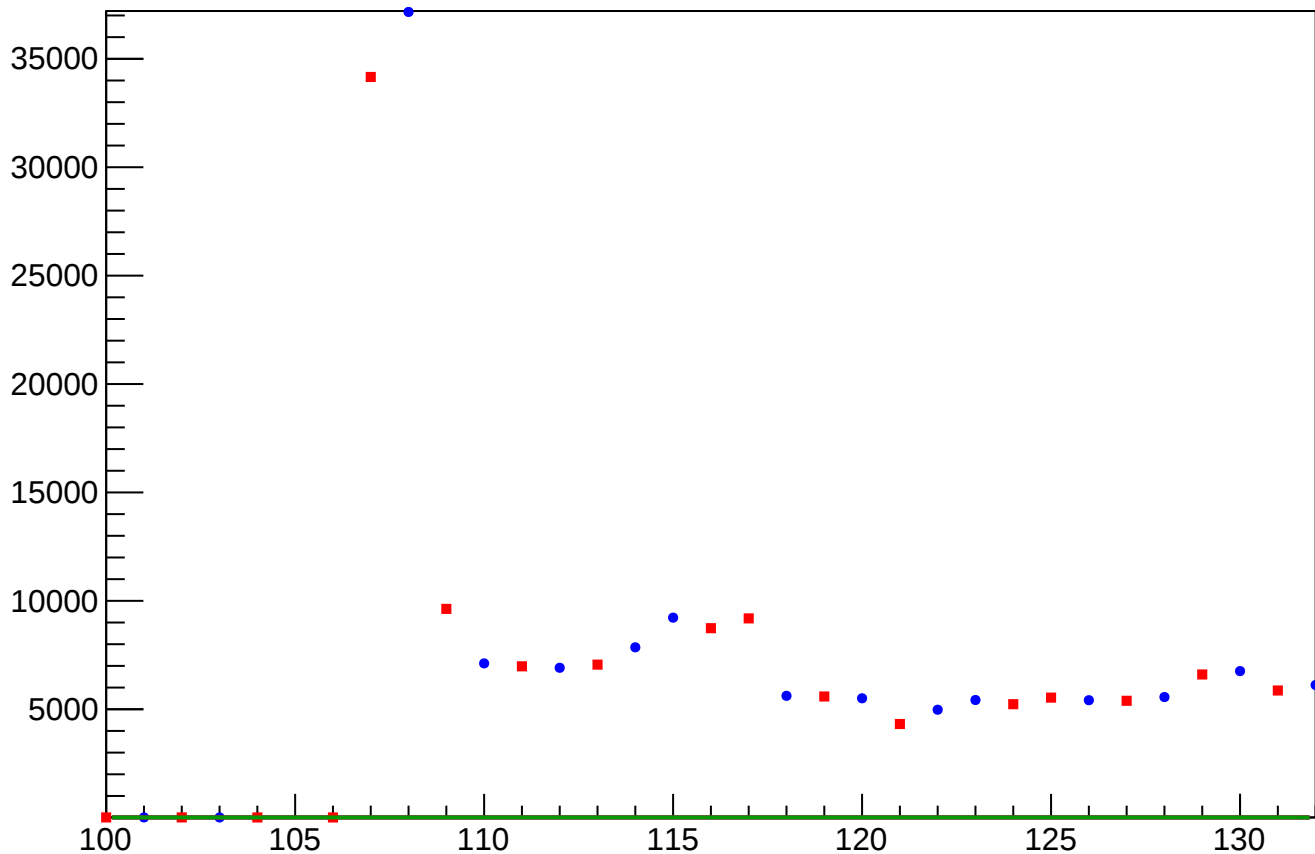
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 10.3/14

-0.007+/-0.006 χ^2/NDF : 23.0/31

-0.014+/-0.009 χ^2/NDF : 11.3/16

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.914+/-0.007 χ^2/NDF : 9066655.4/14

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

Right Out: 9.832+/-0.006 χ^2/NDF : 9067117.8/16

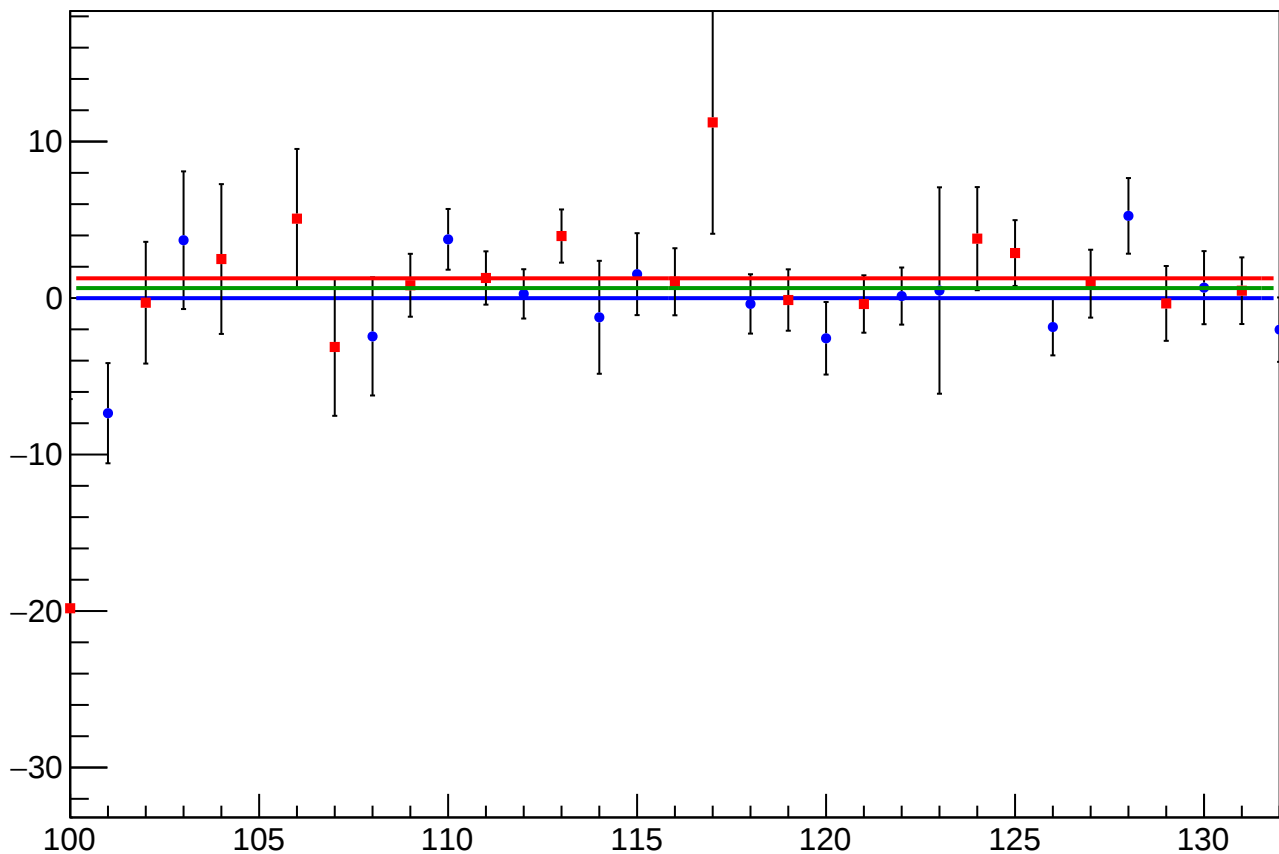
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.914+/-0.007 χ^2/NDF : 9066655.4/14

9.871+/-0.004 χ^2/NDF : 18133857.9/31

9.832+/-0.006 χ^2/NDF : 9067117.8/16

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.598 χ^2/NDF : 18.7/14

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

Right Out: 1.261 ± 0.590 χ^2/NDF : 12.1/16

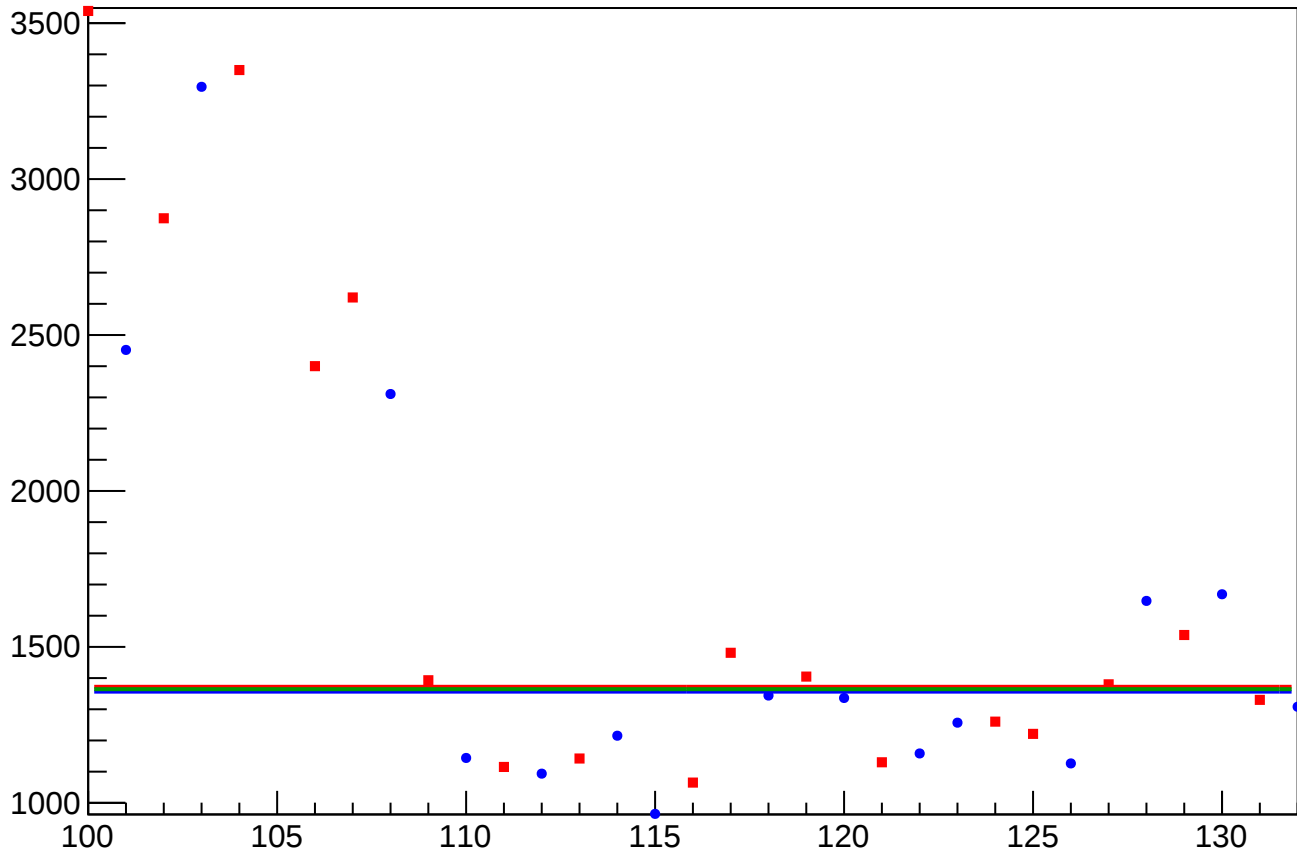
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.008 ± 0.598 χ^2/NDF : 18.7/14

0.636 ± 0.420 χ^2/NDF : 33.1/31

1.261 ± 0.590 χ^2/NDF : 12.1/16

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1356.611+/-0.423 χ^2/NDF : 1001024.2/14

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

Right Out: 1372.041+/-0.417 χ^2/NDF : 1142254.2/16

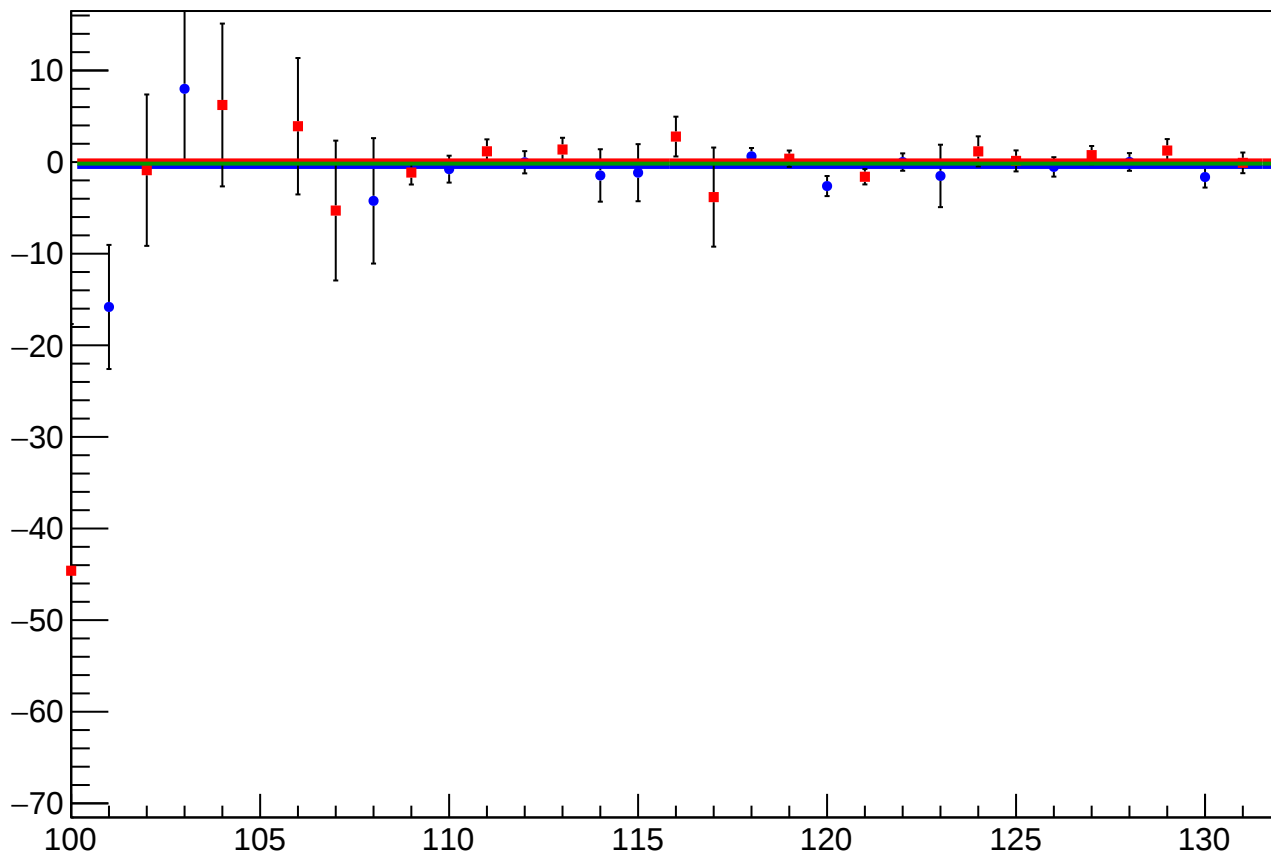
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1356.611+/-0.423 χ^2/NDF : 1001024.2/14

1364.440+/-0.297 χ^2/NDF : 2143953.4/31

1372.041+/-0.417 χ^2/NDF : 1142254.2/16

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.530 ± 0.350 χ^2/NDF : 13.8/14

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

Right Out: 0.183 ± 0.346 χ^2/NDF : 14.5/16

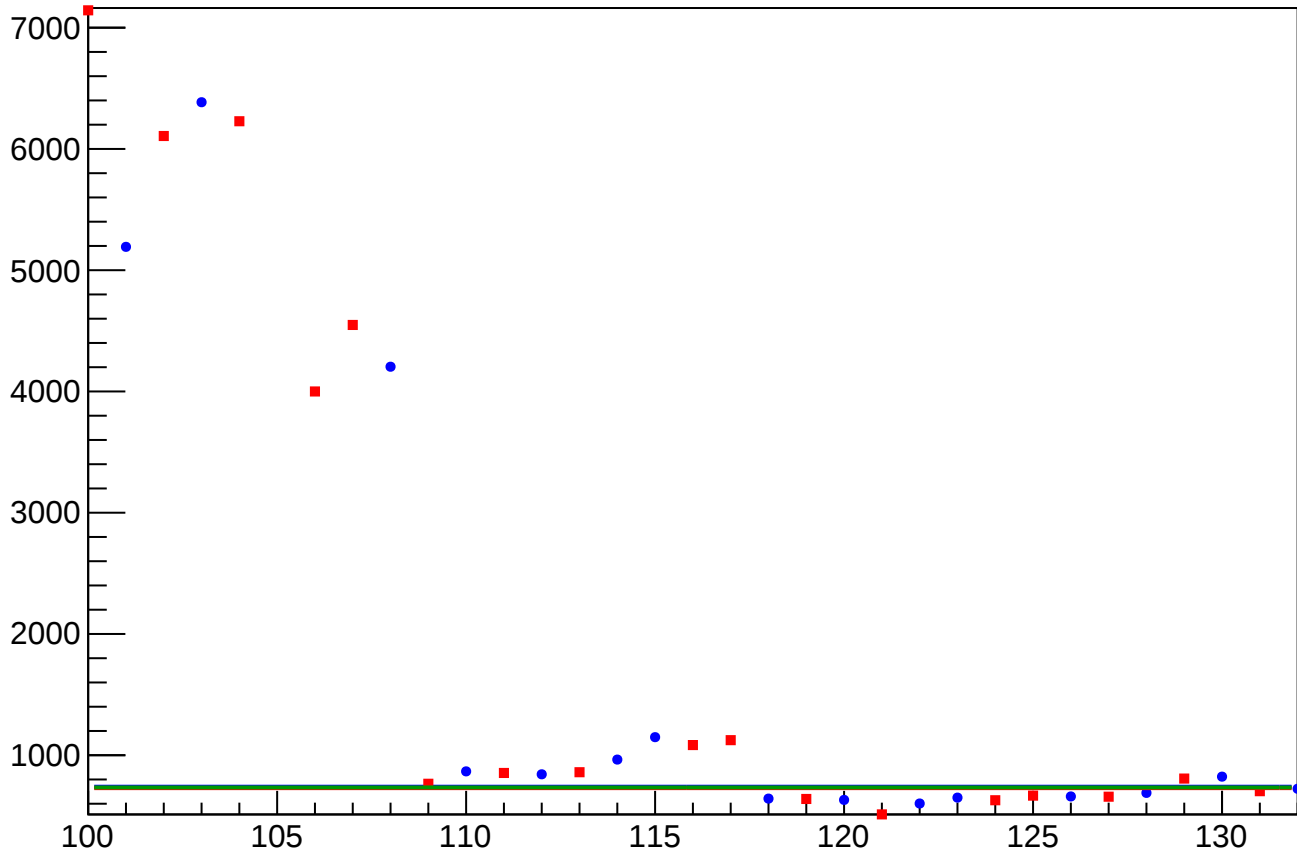
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.530 ± 0.350 χ^2/NDF : 13.8/14

-0.170 ± 0.246 χ^2/NDF : 30.4/31

0.183 ± 0.346 χ^2/NDF : 14.5/16

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 740.219 $\pm$ 0.248 χ^2 /NDF: 2450052.7/14

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

Right Out: 728.647 $\pm$ 0.245 χ^2 /NDF: 2904503.3/16

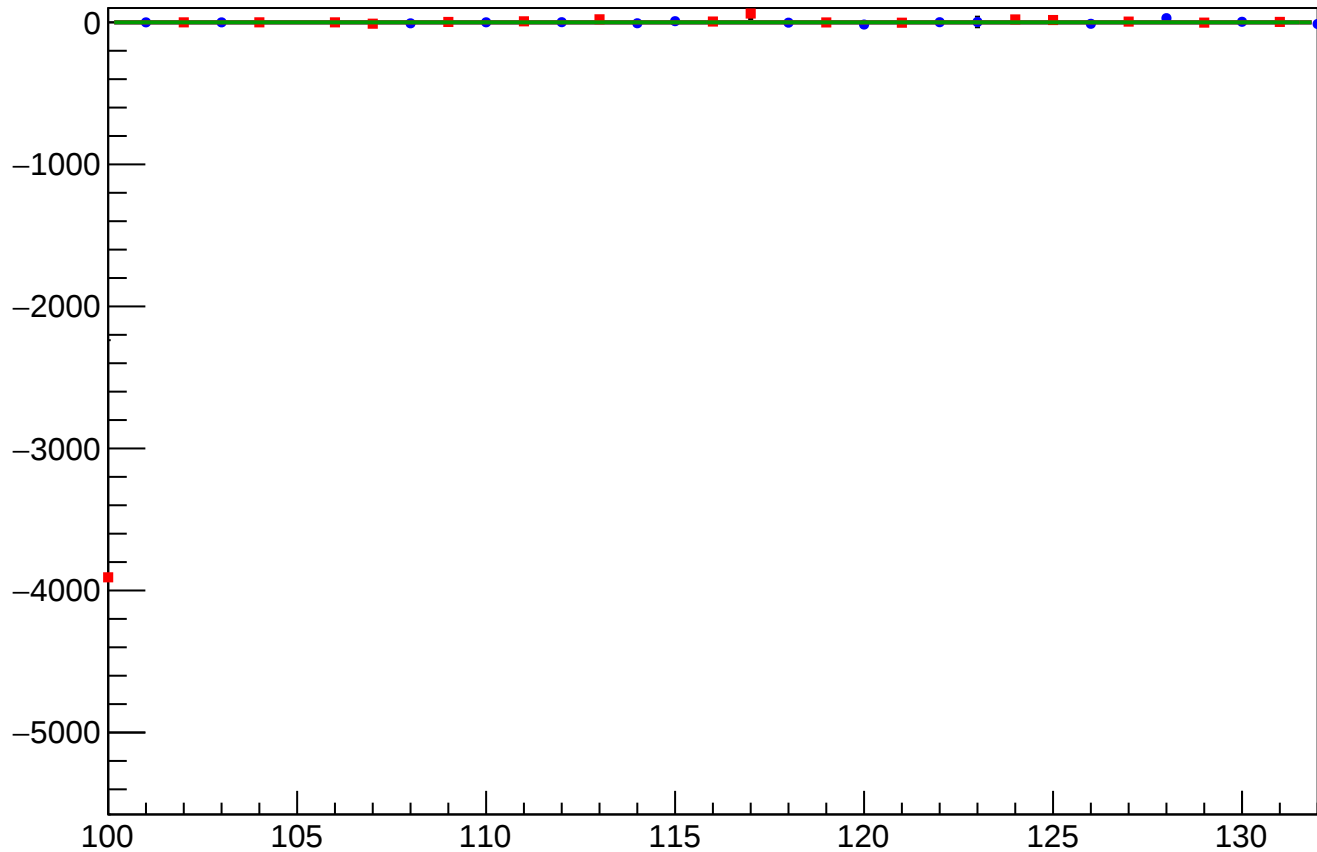
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

740.219 $\pm$ 0.248 χ^2 /NDF: 2450052.7/14

734.372 $\pm$ 0.174 χ^2 /NDF: 5355660.0/31

728.647 $\pm$ 0.245 χ^2 /NDF: 2904503.3/16

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2 /NDF: 9.6/14

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

Right Out: 0.027+/-0.020 χ^2 /NDF: 19.5/16

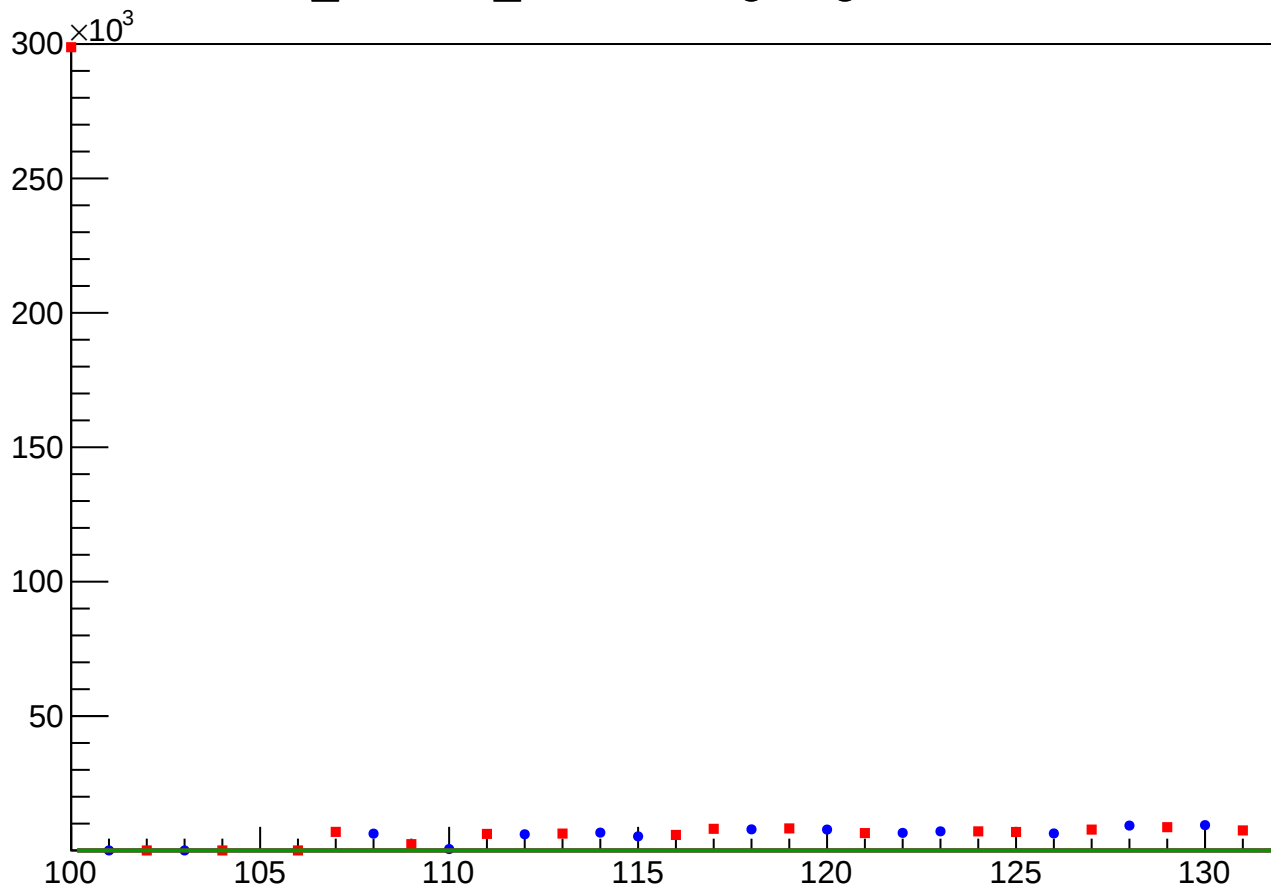
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.021+/-0.021 χ^2 /NDF: 9.6/14

0.004+/-0.014 χ^2 /NDF: 31.9/31

0.027+/-0.020 χ^2 /NDF: 19.5/16

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.249 $\pm$ 0.015 χ^2 /NDF: 8500972.0/14

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

Right Out: 17.200 $\pm$ 0.014 χ^2 /NDF: 8724014.9/16

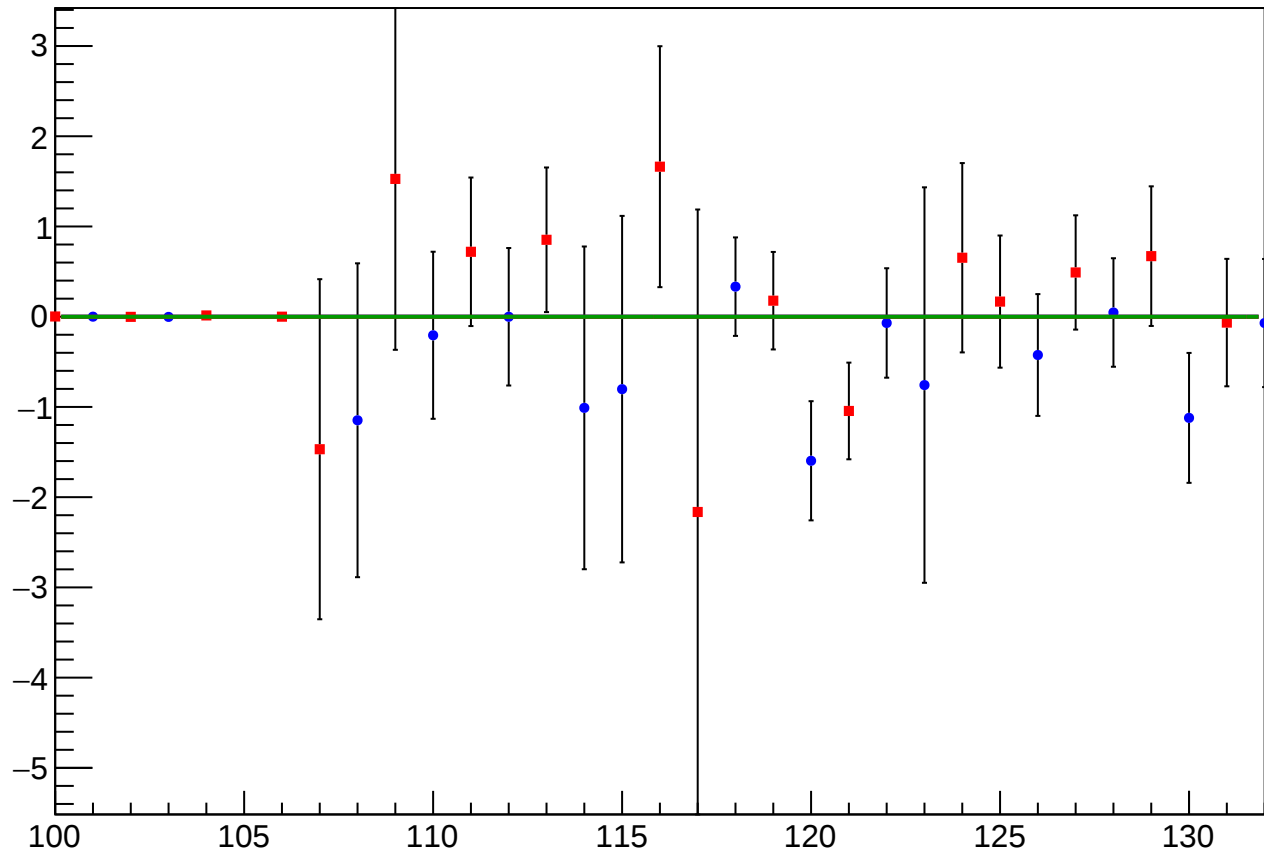
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.249 $\pm$ 0.015 χ^2 /NDF: 8500972.0/14

17.223 $\pm$ 0.010 χ^2 /NDF: 17224993.0/31

17.200 $\pm$ 0.014 χ^2 /NDF: 8724014.9/16

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 10.4/14

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 11.8/16

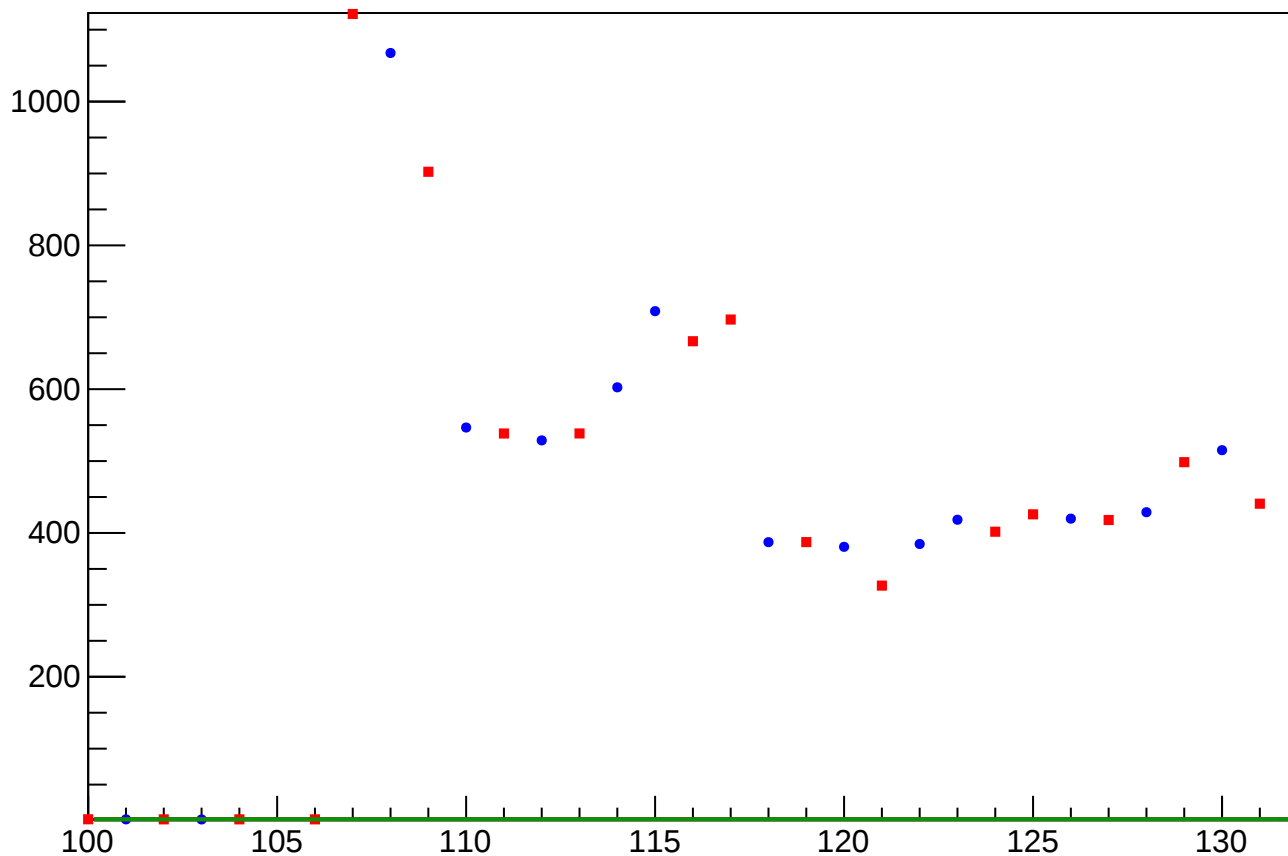
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 10.4/14

-0.000 $\pm$ 0.001 χ^2 /NDF: 22.3/31

-0.001 $\pm$ 0.002 χ^2 /NDF: 11.8/16

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.684+/-0.001 χ^2/NDF : 9026269.1/14

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

Right Out: 1.713+/-0.001 χ^2/NDF : 8667111.6/16

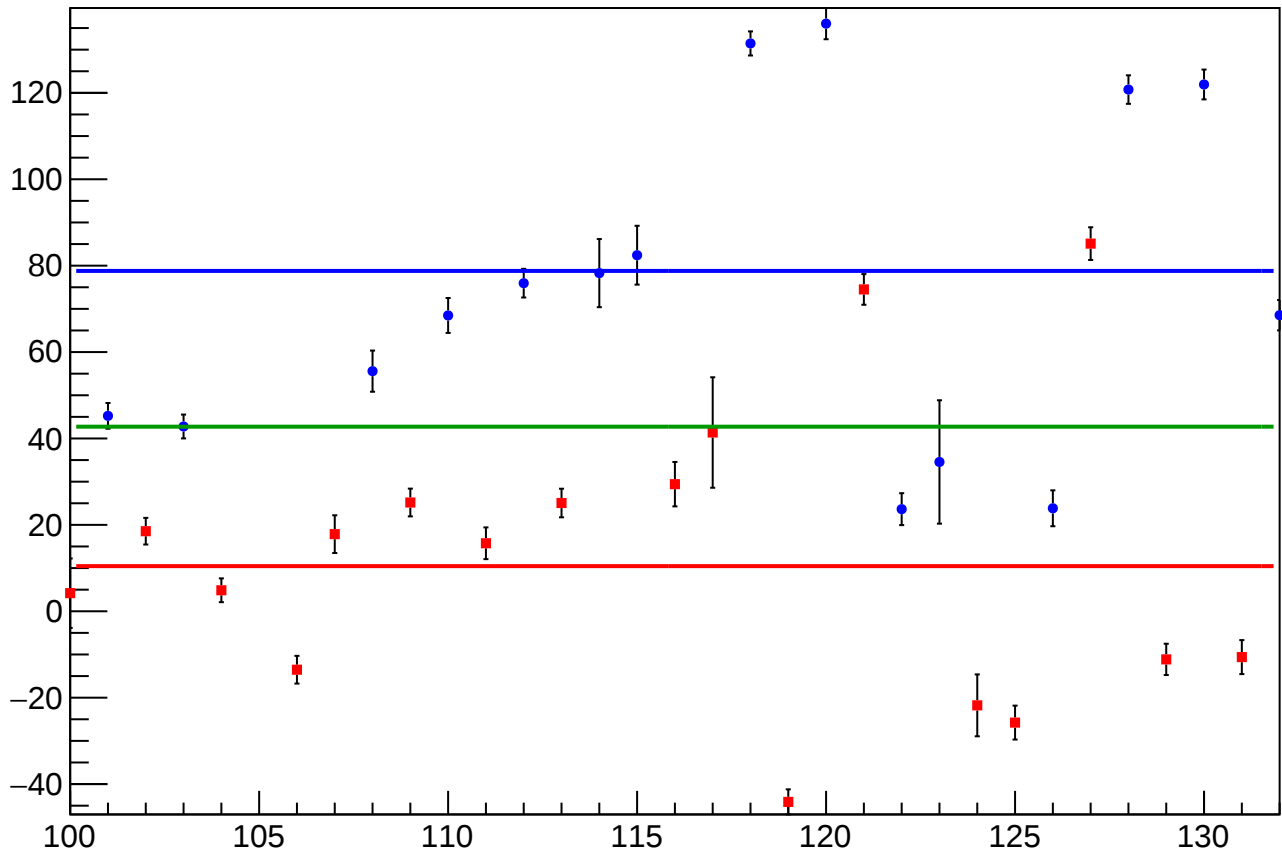
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.684+/-0.001 χ^2/NDF : 9026269.1/14

1.699+/-0.001 χ^2/NDF : 17693603.0/31

1.713+/-0.001 χ^2/NDF : 8667111.6/16

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 78.786 $\pm$ 0.964 χ^2/NDF : 1668.9/14

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

Right Out: 10.449 $\pm$ 0.912 χ^2/NDF : 1370.0/16

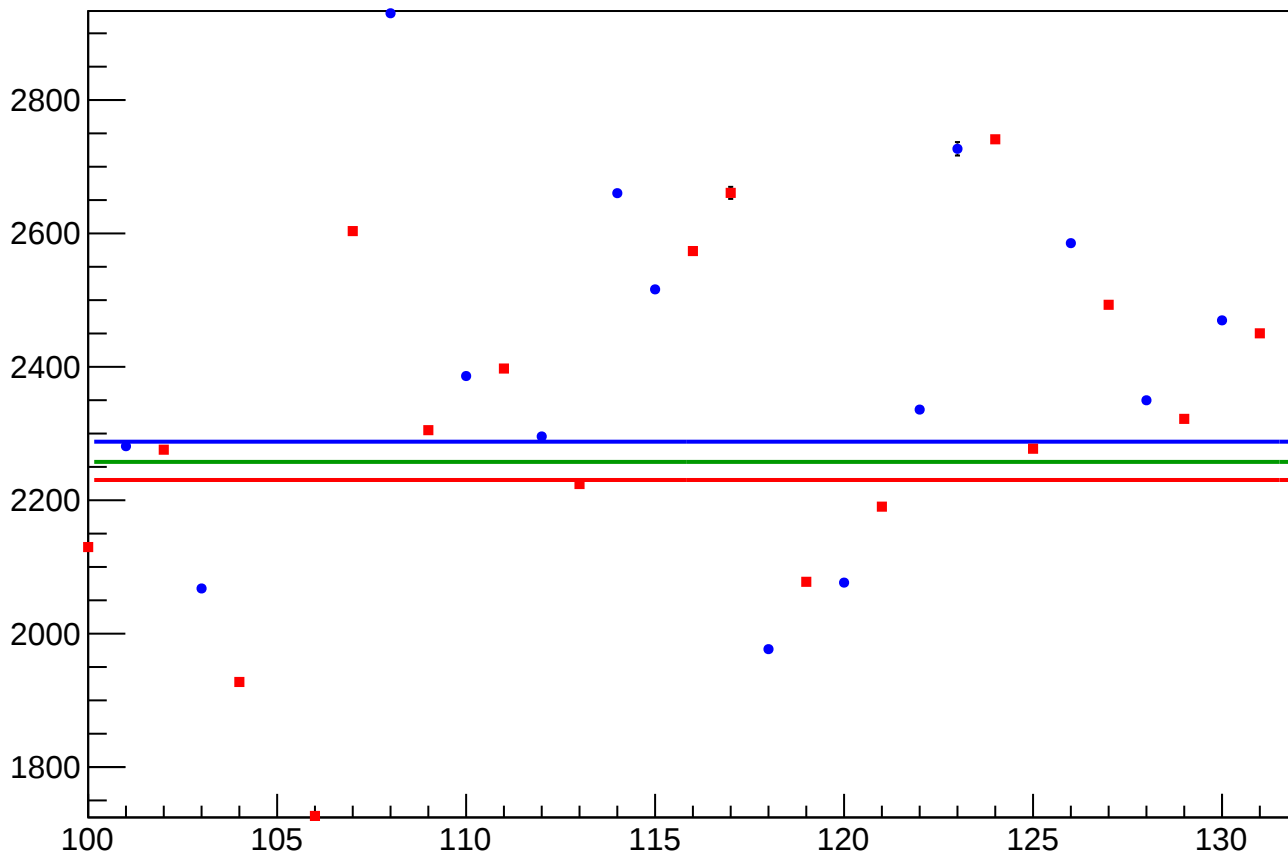
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

78.786 $\pm$ 0.964 χ^2/NDF : 1668.9/14

42.730 $\pm$ 0.663 χ^2/NDF : 5688.9/31

10.449 $\pm$ 0.912 χ^2/NDF : 1370.0/16

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2287.802 $\pm$ 0.682 χ^2 /NDF: 107781.8/14

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

Right Out: 2230.379 $\pm$ 0.645 χ^2 /NDF: 138552.0/16

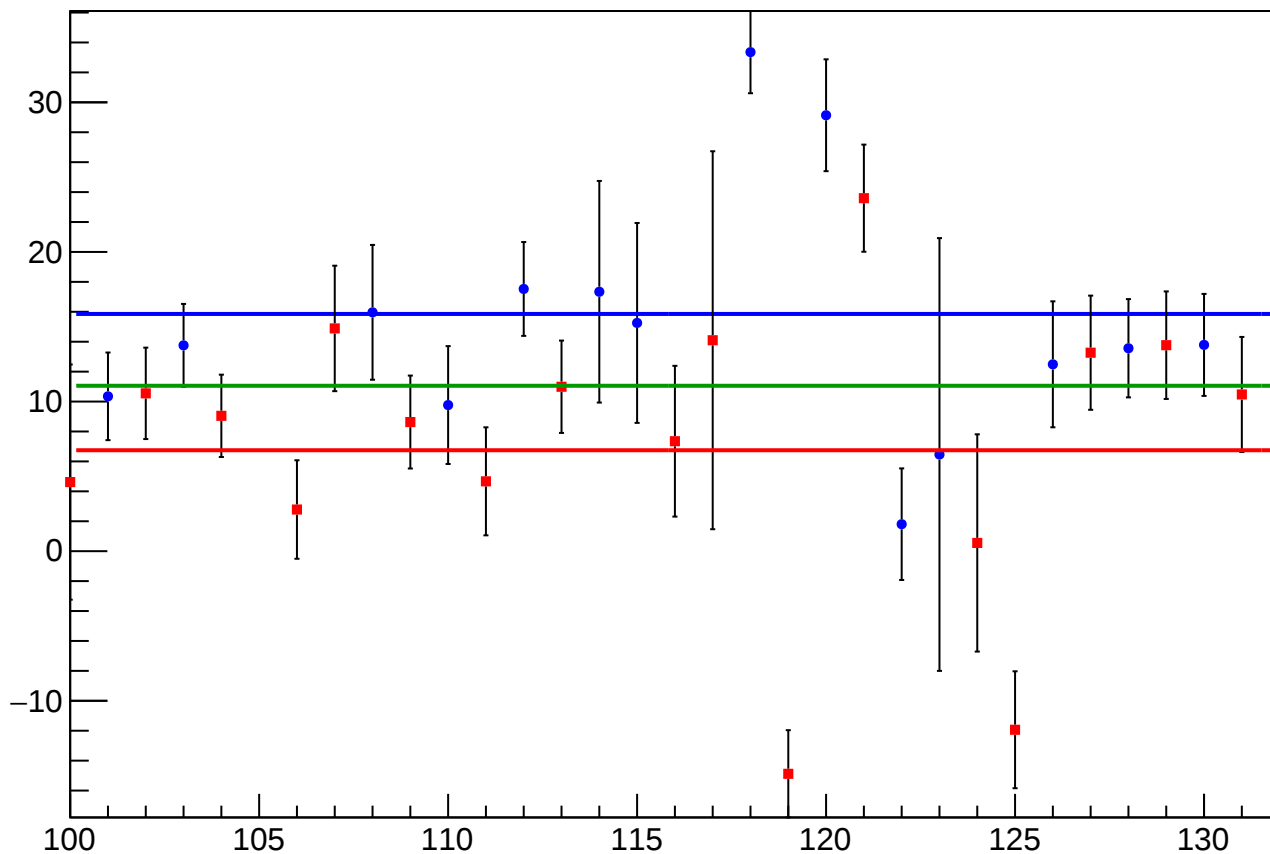
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2287.802 $\pm$ 0.682 χ^2 /NDF: 107781.8/14

2257.505 $\pm$ 0.469 χ^2 /NDF: 250076.2/31

2230.379 $\pm$ 0.645 χ^2 /NDF: 138552.0/16

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 15.856 $\pm$ 0.952 χ^2/NDF : 79.2/14

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

Right Out: 6.747 $\pm$ 0.902 χ^2/NDF : 118.9/16

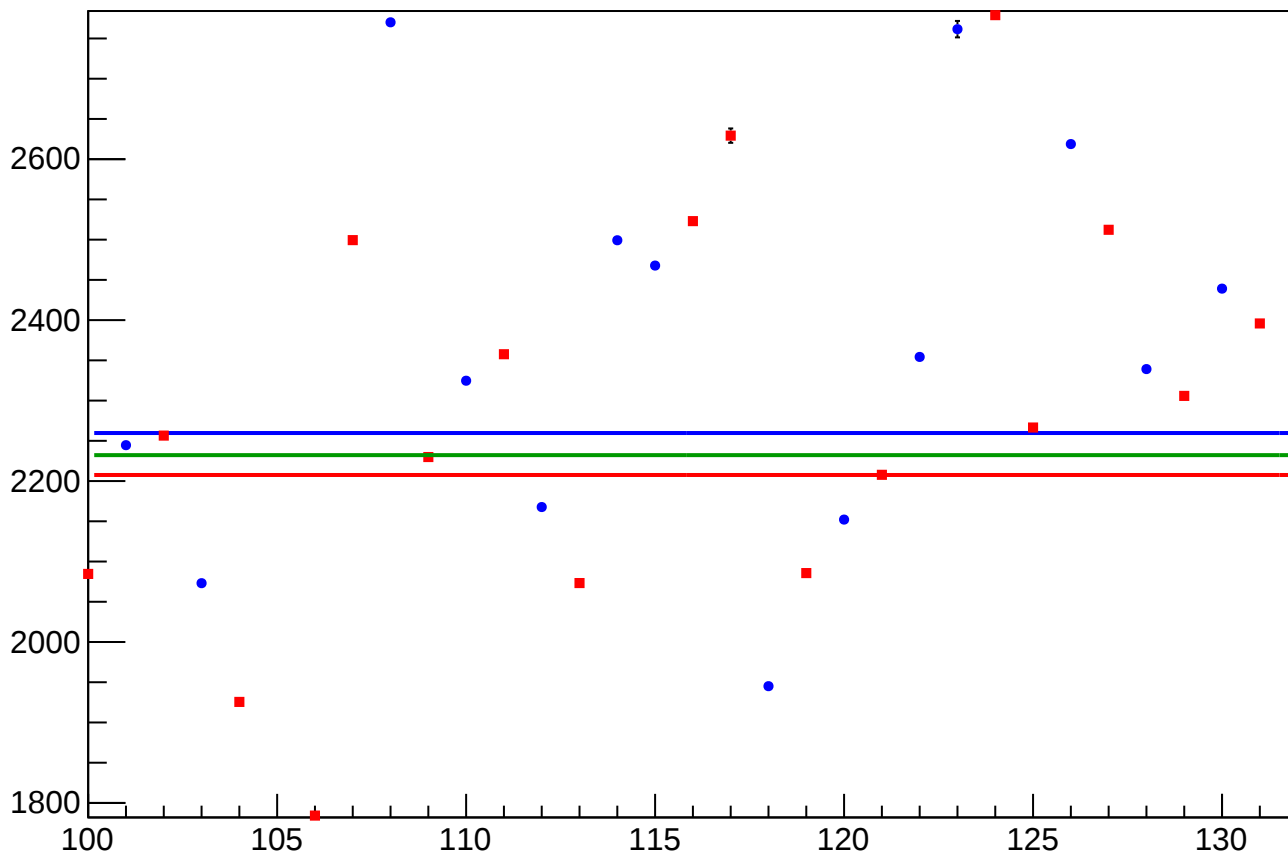
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

15.856 $\pm$ 0.952 χ^2/NDF : 79.2/14

11.056 $\pm$ 0.655 χ^2/NDF : 246.4/31

6.747 $\pm$ 0.902 χ^2/NDF : 118.9/16

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2259.703 $\pm$ 0.673 χ^2/NDF : 94752.8/14

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

Right Out: 2207.555 $\pm$ 0.638 χ^2/NDF : 117585.9/16

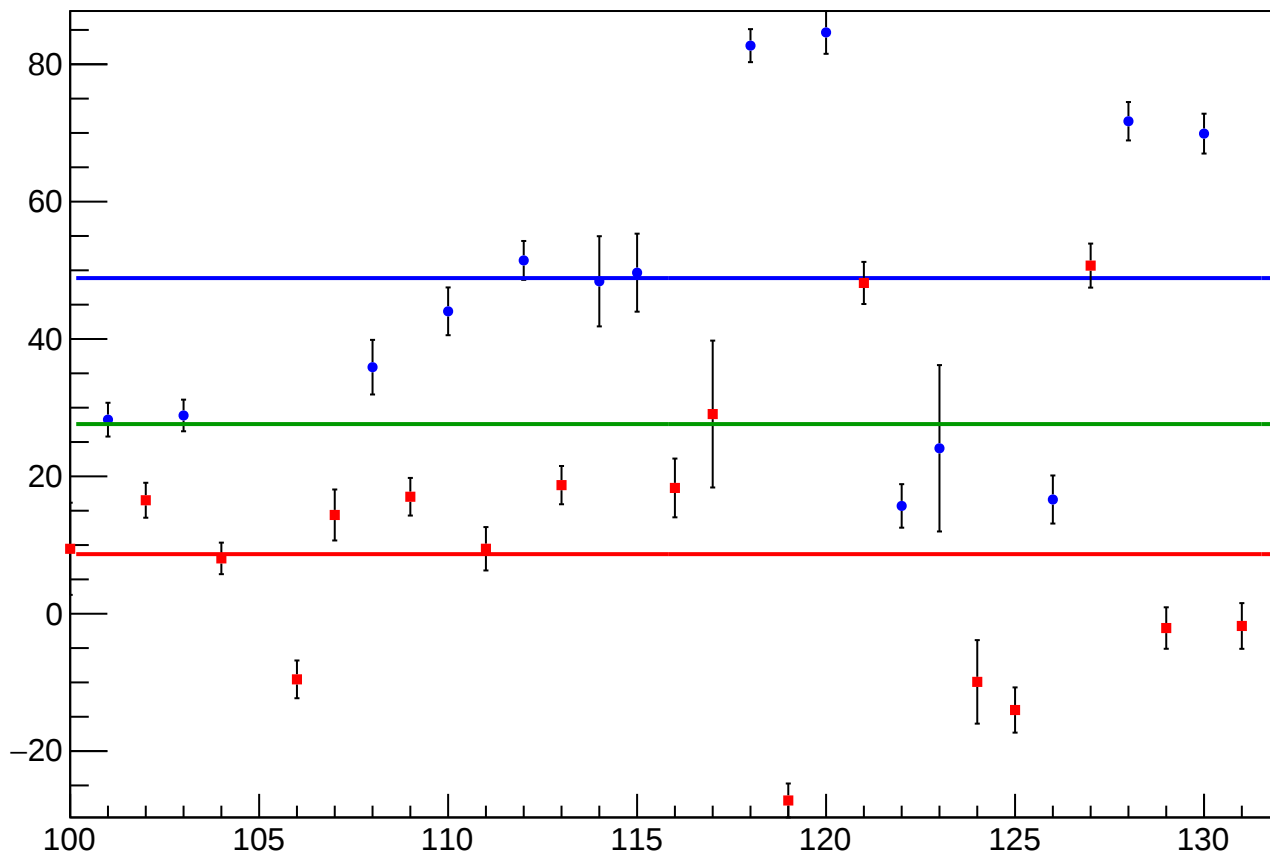
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2259.703 $\pm$ 0.673 χ^2/NDF : 94752.8/14

2232.223 $\pm$ 0.463 χ^2/NDF : 215501.8/31

2207.555 $\pm$ 0.638 χ^2/NDF : 117585.9/16

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 48.869 $\pm$ 0.816 χ^2 /NDF: 812.7/14

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

Right Out: 8.676 $\pm$ 0.771 χ^2 /NDF: 714.7/16

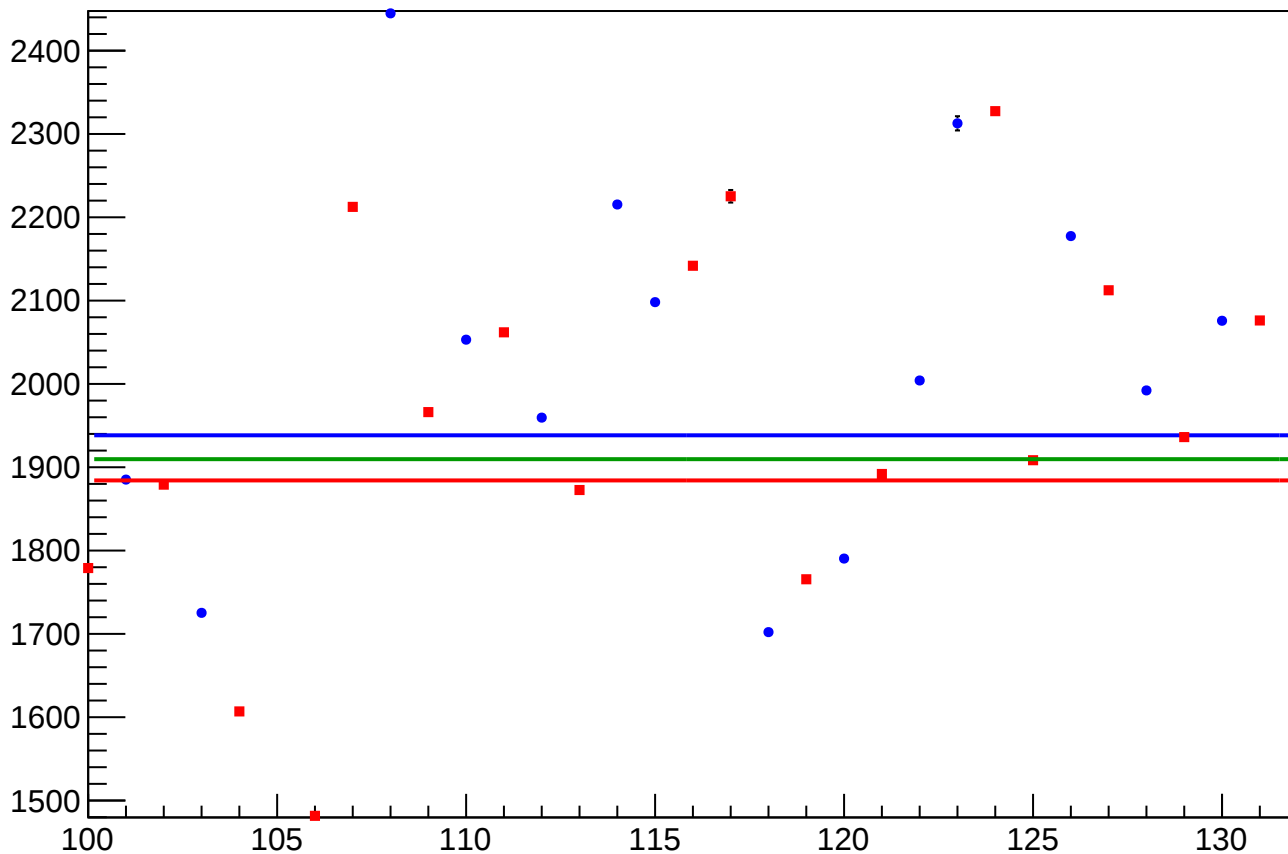
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

48.869 $\pm$ 0.816 χ^2 /NDF: 812.7/14

27.613 $\pm$ 0.560 χ^2 /NDF: 2808.9/31

8.676 $\pm$ 0.771 χ^2 /NDF: 714.7/16

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1938.341+/-0.577 χ^2/NDF : 99212.7/14

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

Right Out: 1884.184+/-0.545 χ^2/NDF : 138420.6/16

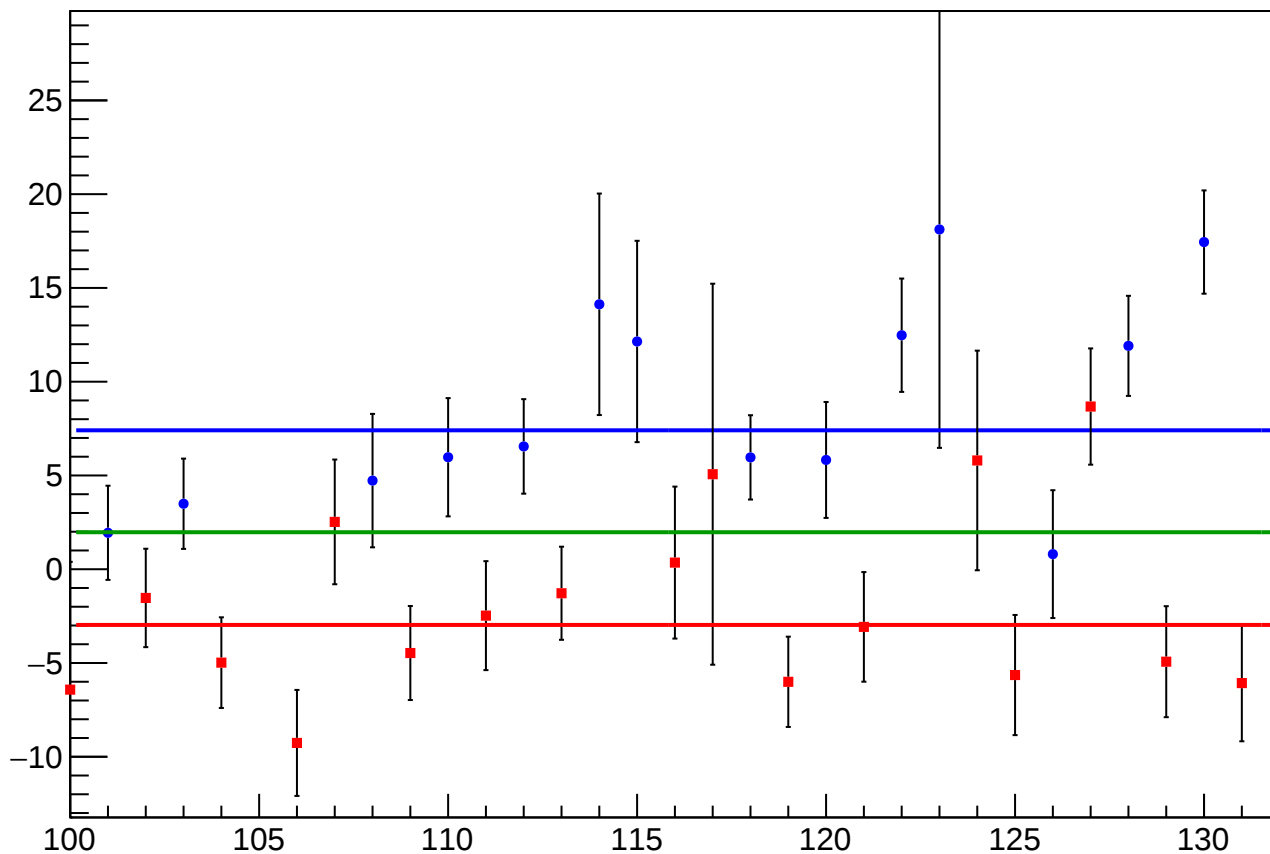
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1938.341+/-0.577 χ^2/NDF : 99212.7/14

1909.700+/-0.396 χ^2/NDF : 242286.6/31

1884.184+/-0.545 χ^2/NDF : 138420.6/16

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.408+/-0.781 χ^2/NDF : 34.7/14

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

Right Out: -2.970+/-0.745 χ^2/NDF : 31.2/16

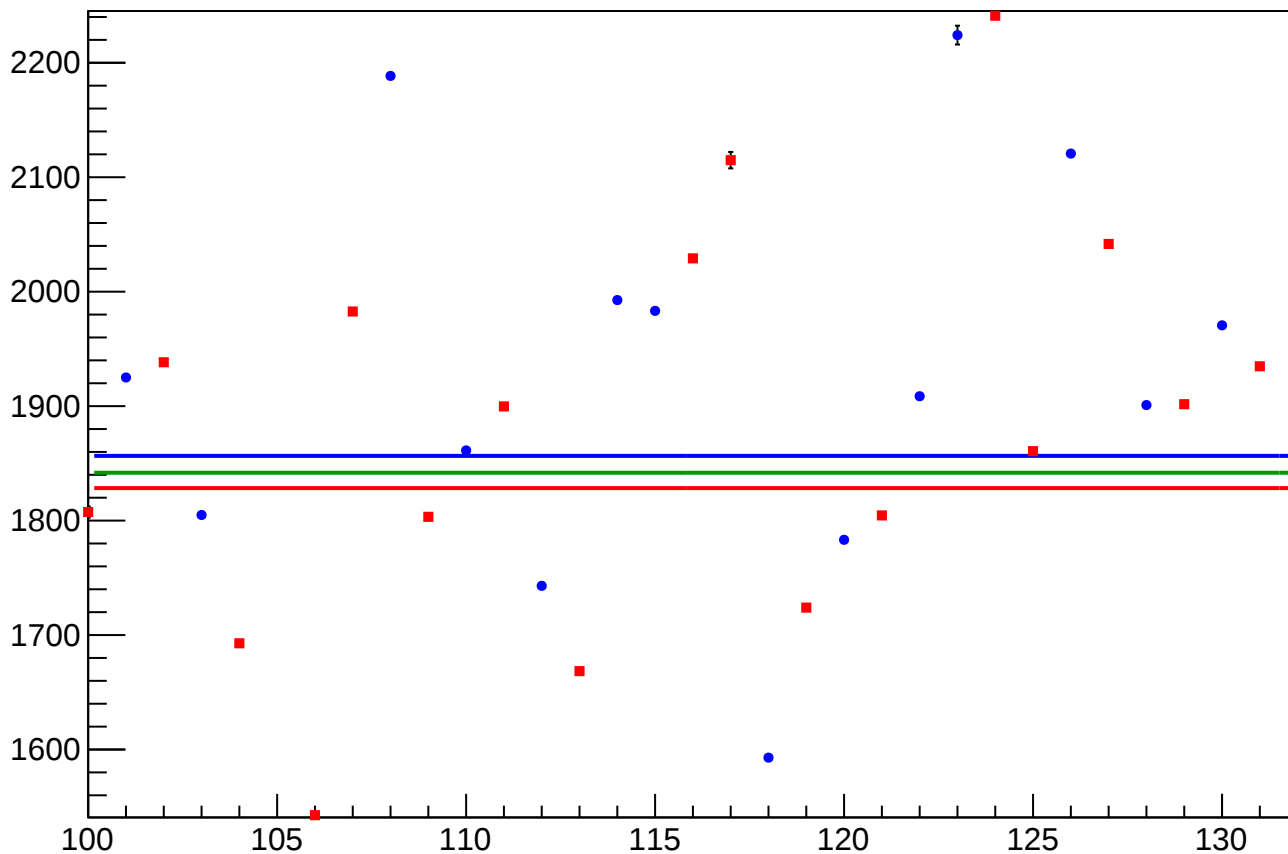
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.408+/-0.781 χ^2/NDF : 34.7/14

1.973+/-0.539 χ^2/NDF : 158.3/31

-2.970+/-0.745 χ^2/NDF : 31.2/16

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1856.556+/-0.552 χ^2/NDF : 75368.9/14

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

Right Out: 1828.391+/-0.527 χ^2/NDF : 77866.6/16

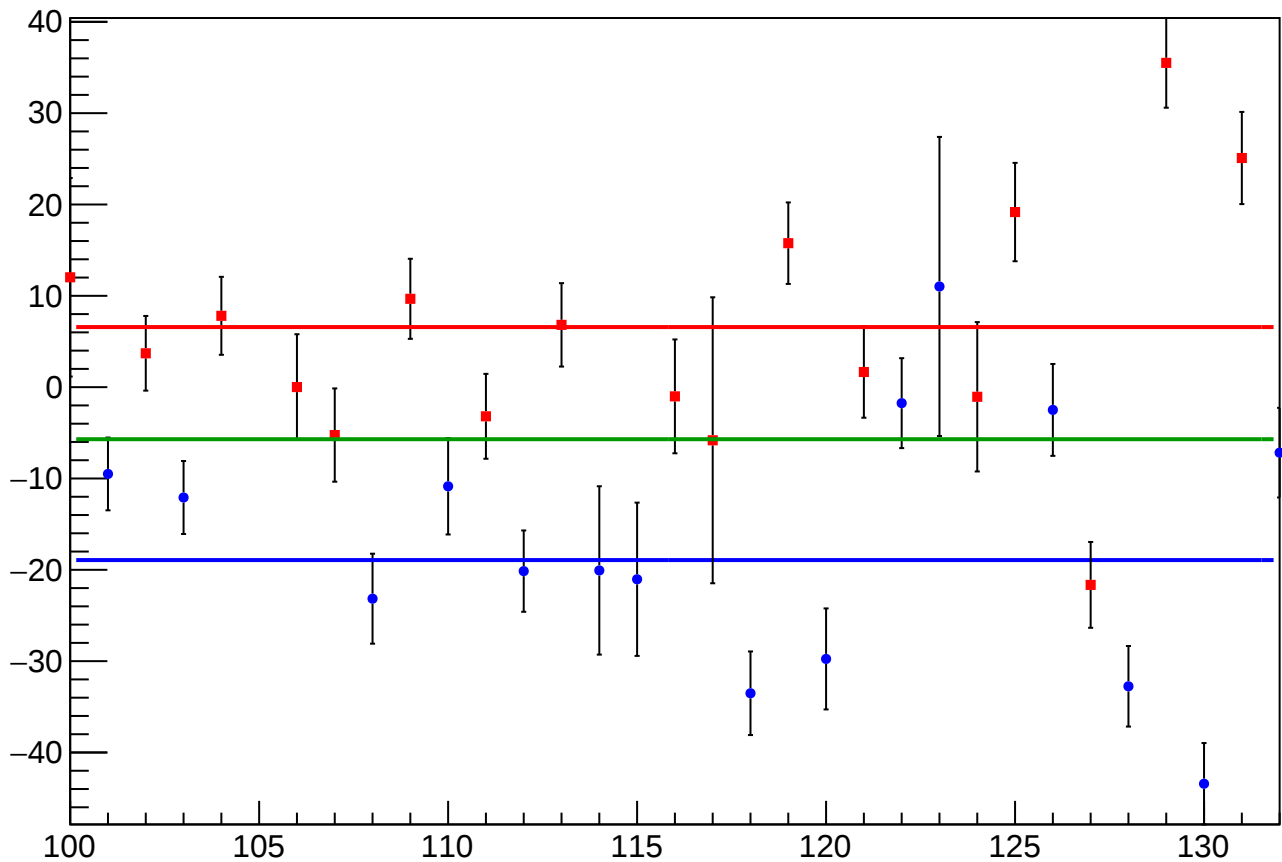
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1856.556+/-0.552 χ^2/NDF : 75368.9/14

1841.807+/-0.381 χ^2/NDF : 154597.7/31

1828.391+/-0.527 χ^2/NDF : 77866.6/16

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -18.933+/-1.305 χ^2/NDF : 97.7/14

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

Right Out: 6.579+/-1.257 χ^2/NDF : 110.3/16

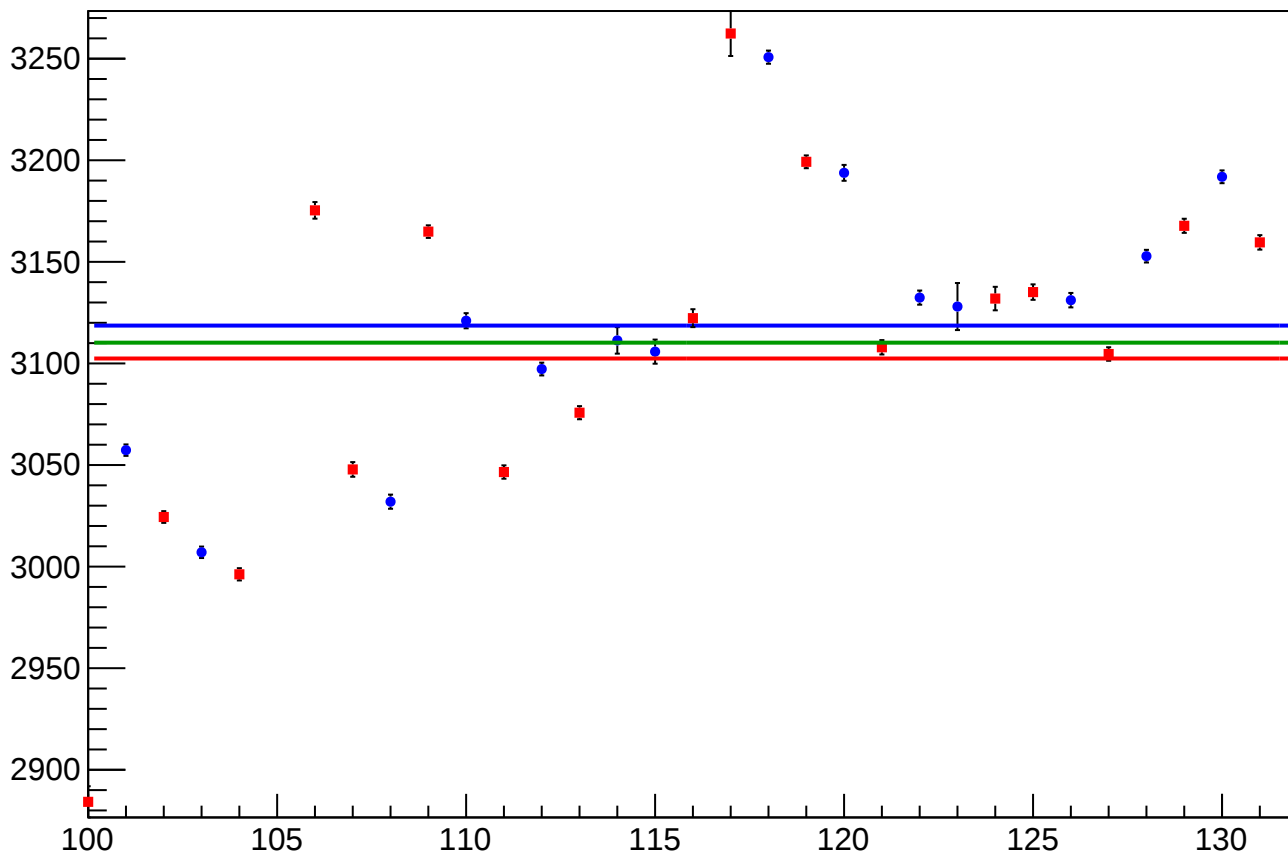
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.933+/-1.305 χ^2/NDF : 97.7/14

-5.699+/-0.905 χ^2/NDF : 406.3/31

6.579+/-1.257 χ^2/NDF : 110.3/16

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3118.632 ± 0.923 χ^2/NDF : 5436.6/14

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

Right Out: 3102.428 ± 0.889 χ^2/NDF : 5966.5/16

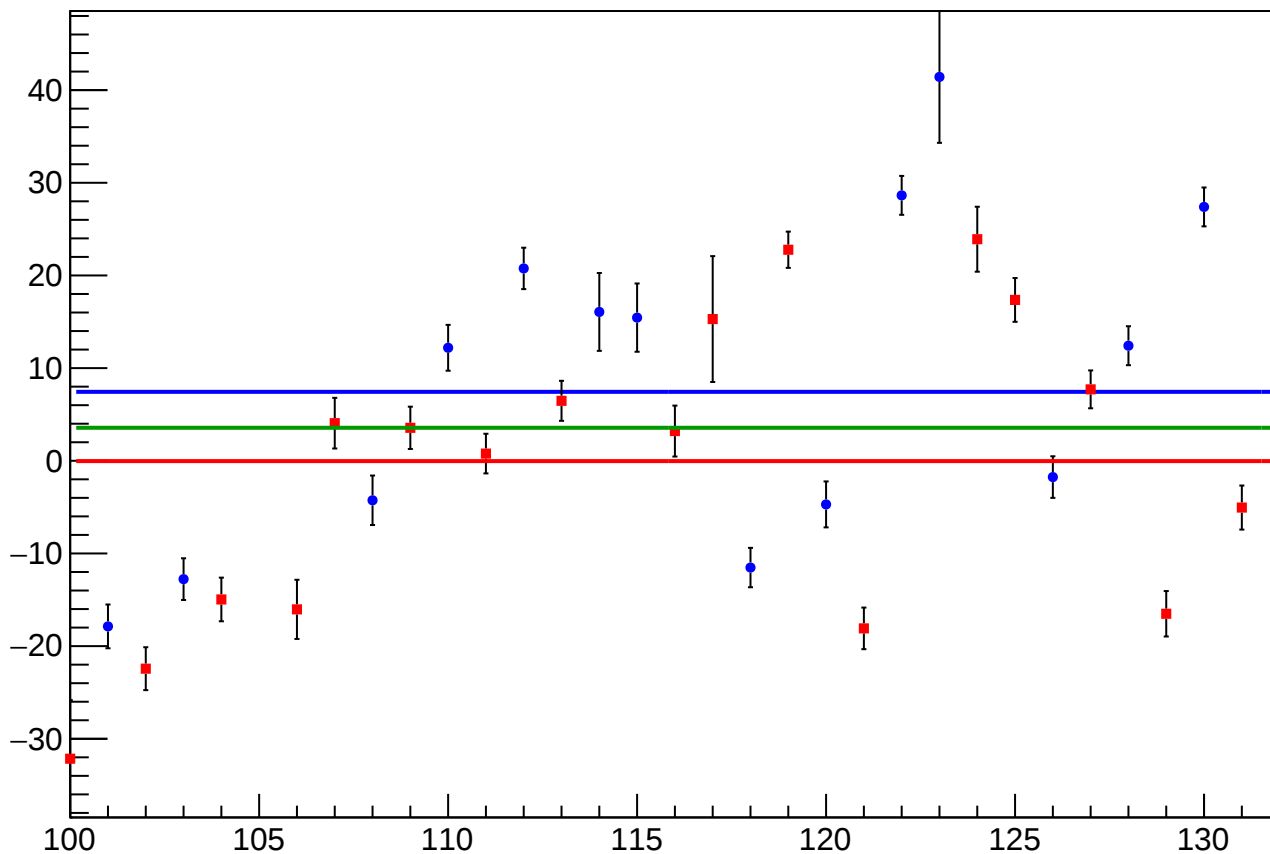
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3118.632 ± 0.923 χ^2/NDF : 5436.6/14

3110.226 ± 0.640 χ^2/NDF : 11563.1/31

3102.428 ± 0.889 χ^2/NDF : 5966.5/16

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 7.441+/-0.631 χ^2/NDF : 633.5/14

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

Right Out: -0.033+/-0.608 χ^2/NDF : 570.5/16

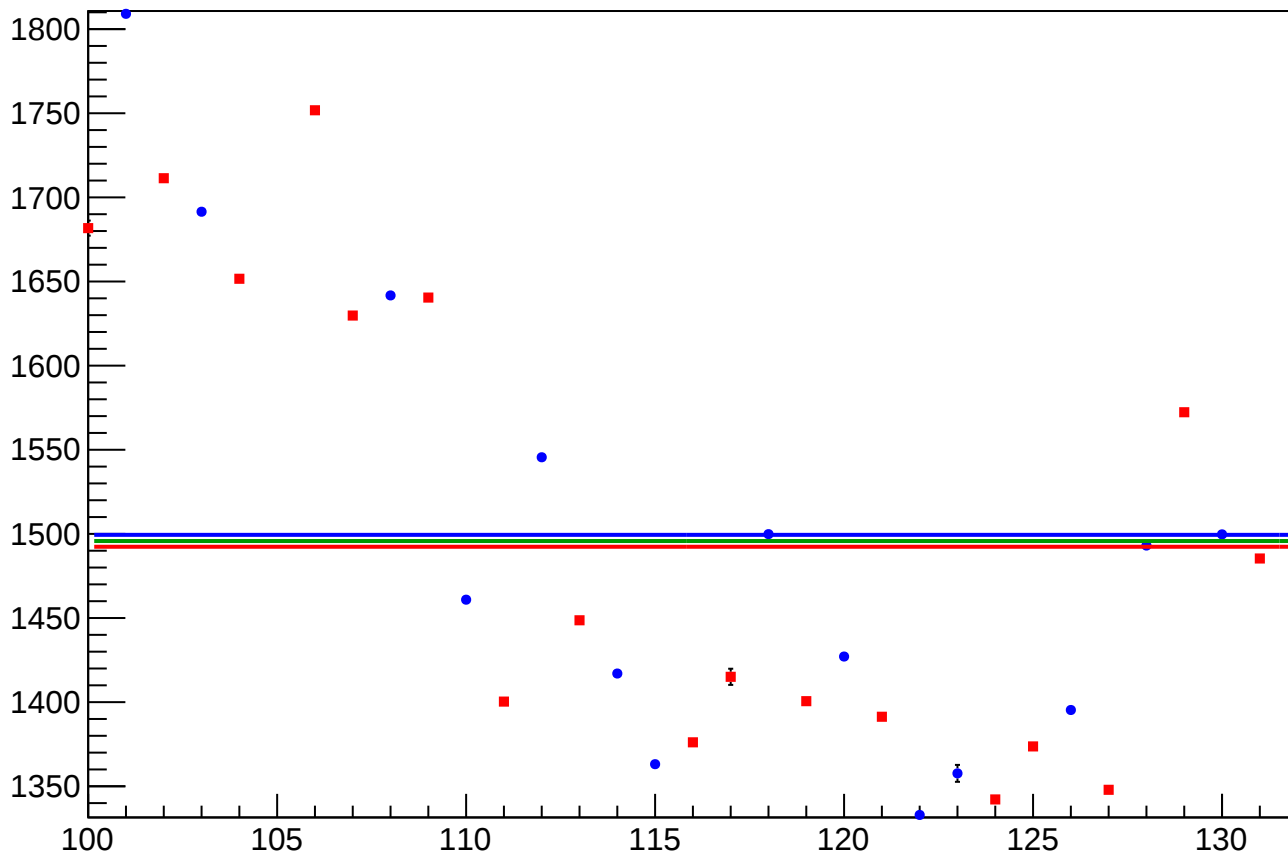
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.441+/-0.631 χ^2/NDF : 633.5/14

3.562+/-0.438 χ^2/NDF : 1276.7/31

-0.033+/-0.608 χ^2/NDF : 570.5/16

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1499.432 ± 0.446 χ^2/NDF : 85842.3/14

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

Right Out: 1492.358 ± 0.430 χ^2/NDF : 93190.2/16

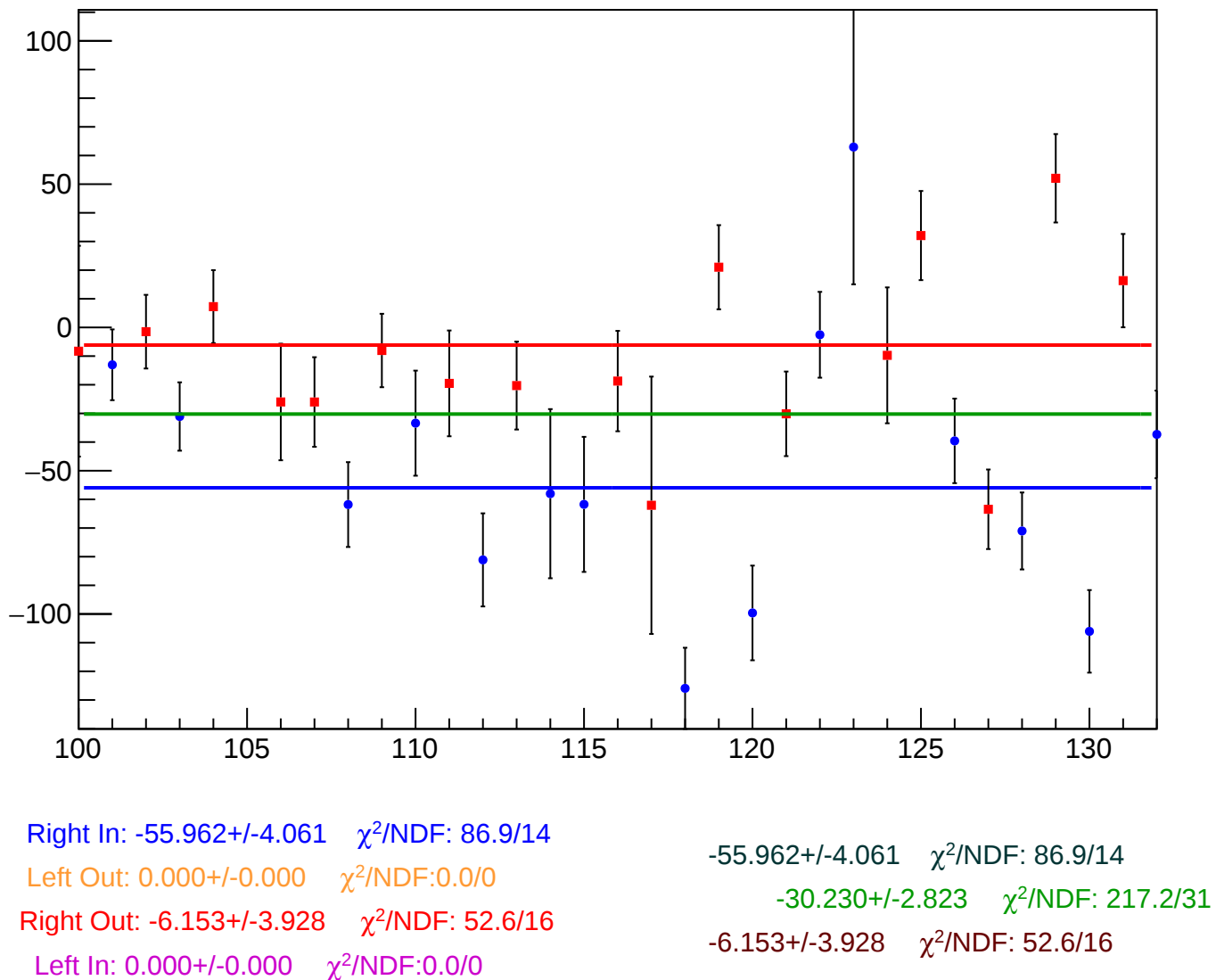
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1499.432 ± 0.446 χ^2/NDF : 85842.3/14

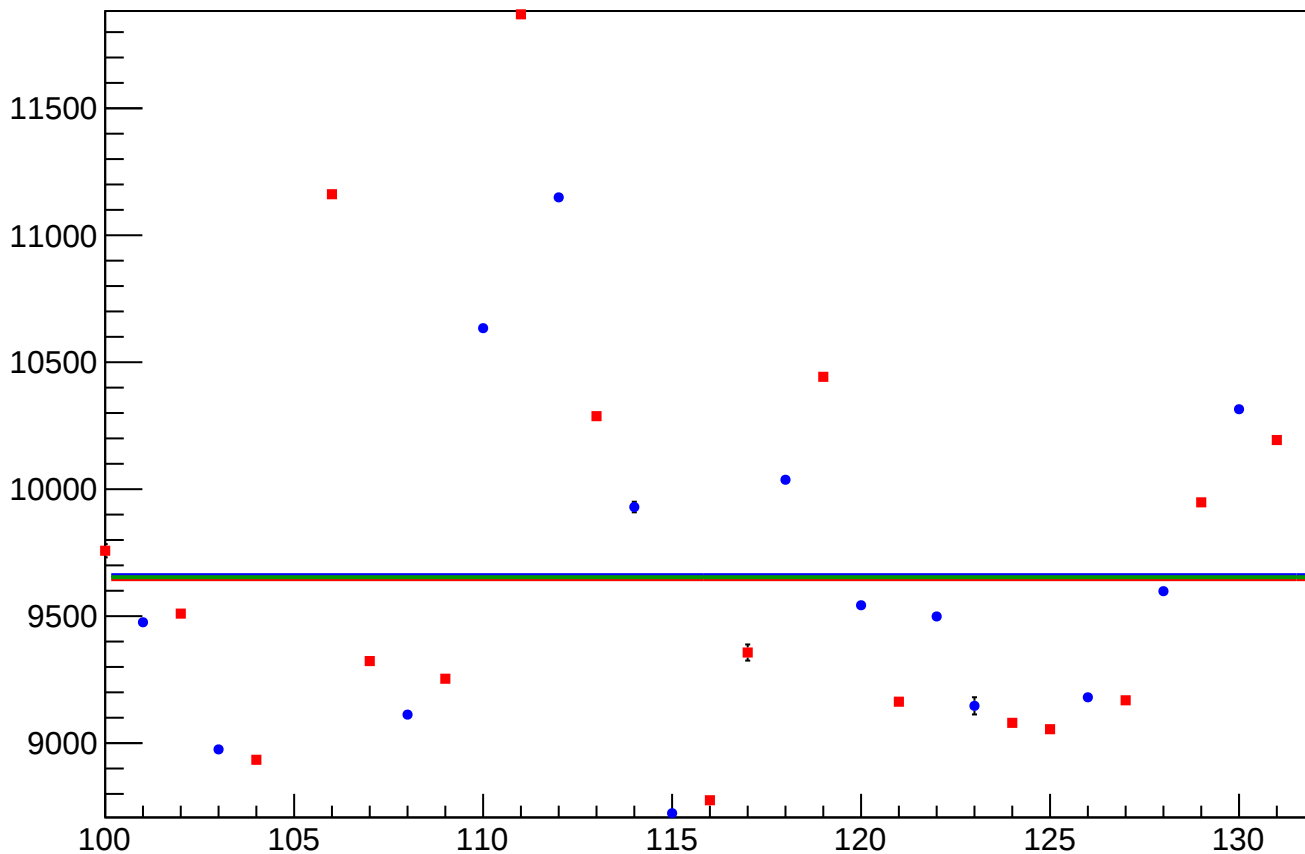
1495.761 ± 0.310 χ^2/NDF : 179162.9/31

1492.358 ± 0.430 χ^2/NDF : 93190.2/16

diff_bpm0l02X_mean vs Slug, Sign Corrected



diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9661.397+/-2.871 χ^2/NDF : 43860.9/14

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

Right Out: 9645.706+/-2.778 χ^2/NDF : 75349.1/16

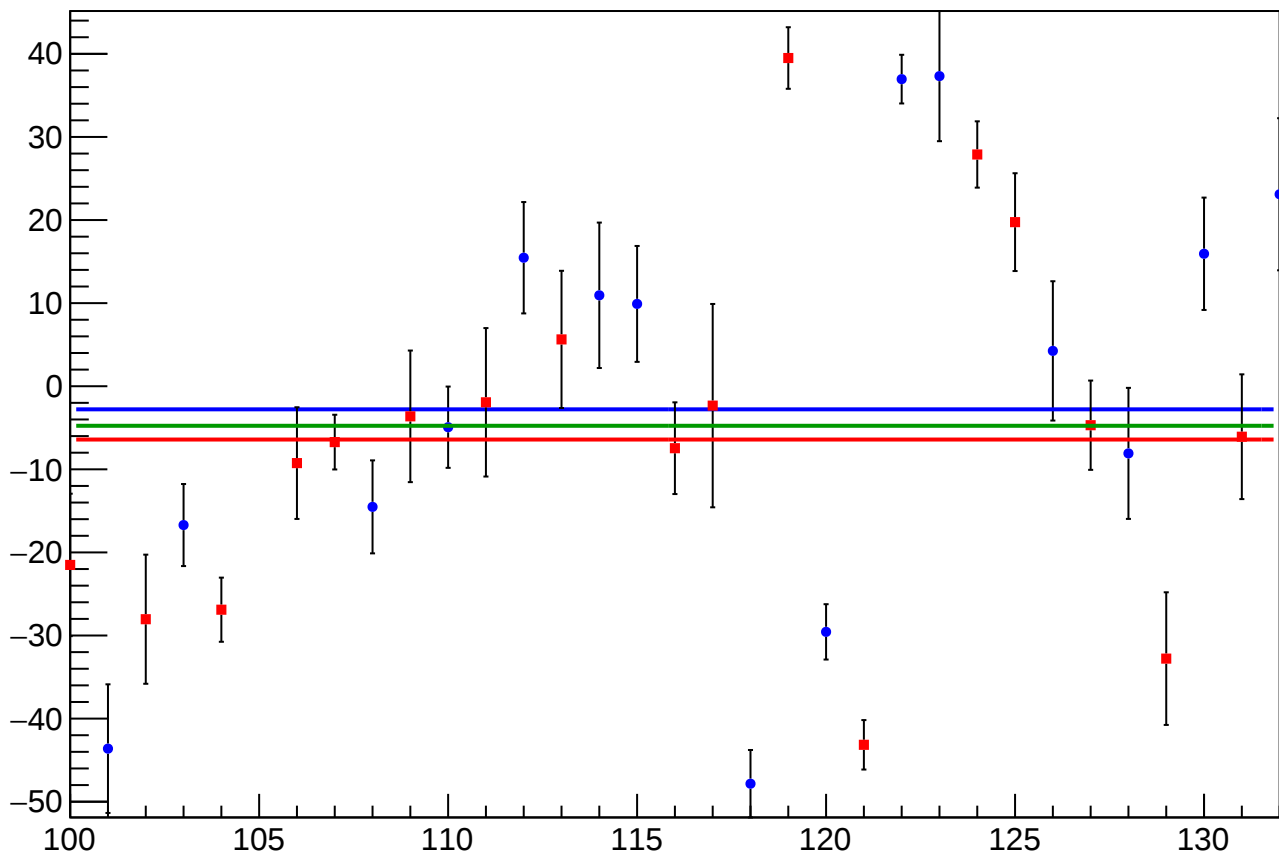
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9661.397+/-2.871 χ^2/NDF : 43860.9/14

9653.291+/-1.996 χ^2/NDF : 119225.5/31

9645.706+/-2.778 χ^2/NDF : 75349.1/16

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -2.781 ± 1.367 $\chi^2/\text{NDF}: 468.6/14$

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

Right Out: -6.415 ± 1.250 $\chi^2/\text{NDF}: 452.4/16$

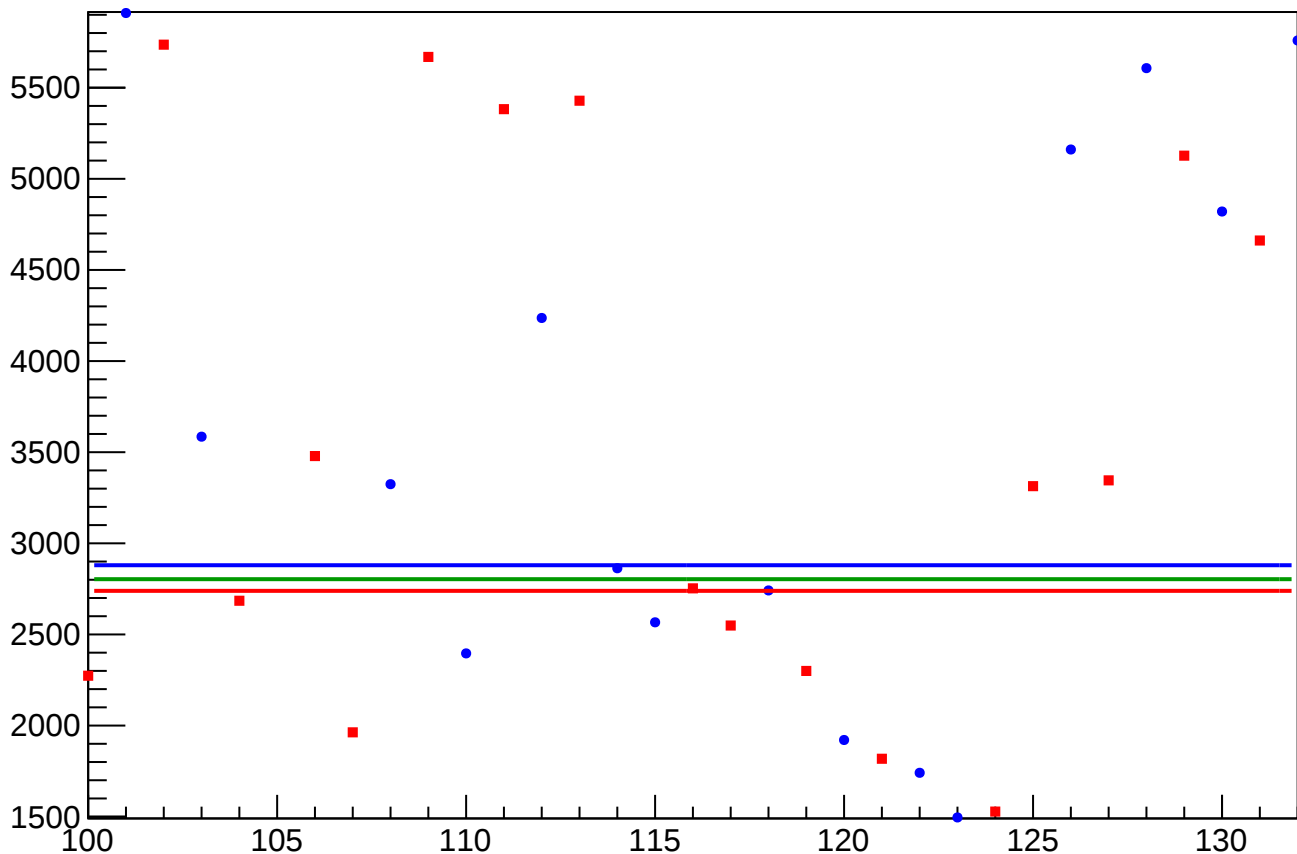
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.781 ± 1.367 $\chi^2/\text{NDF}: 468.6/14$

-4.760 ± 0.923 $\chi^2/\text{NDF}: 924.9/31$

-6.415 ± 1.250 $\chi^2/\text{NDF}: 452.4/16$

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2879.799+/-0.967 χ^2/NDF : 1748617.6/14

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

Right Out: 2739.214+/-0.884 χ^2/NDF : 1859464.0/16

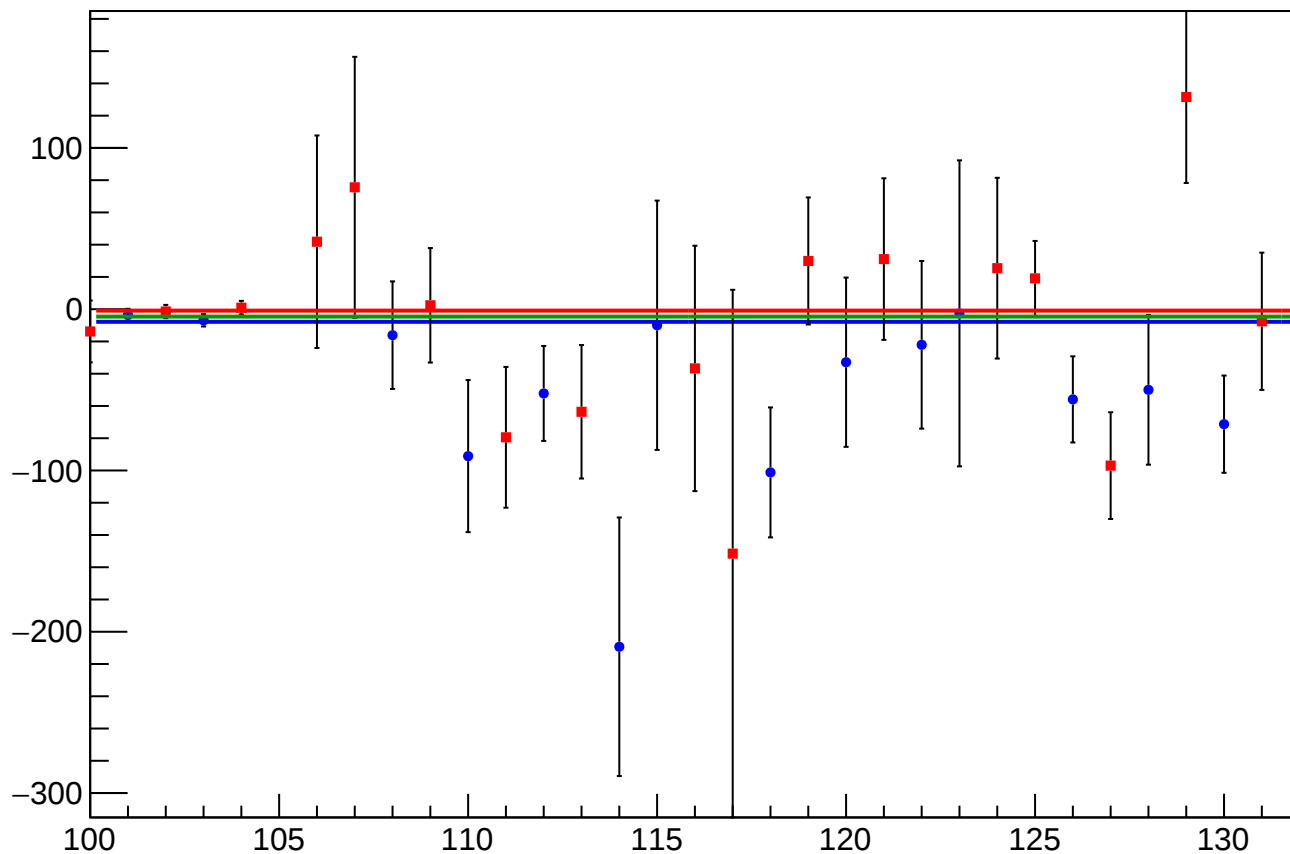
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2879.799+/-0.967 χ^2/NDF : 1748617.6/14

2803.249+/-0.652 χ^2/NDF : 3619601.3/31

2739.214+/-0.884 χ^2/NDF : 1859464.0/16

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.803 $\pm$ 2.639 χ^2 /NDF: 27.4/14

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

Right Out: -0.882 $\pm$ 2.829 χ^2 /NDF: 25.2/16

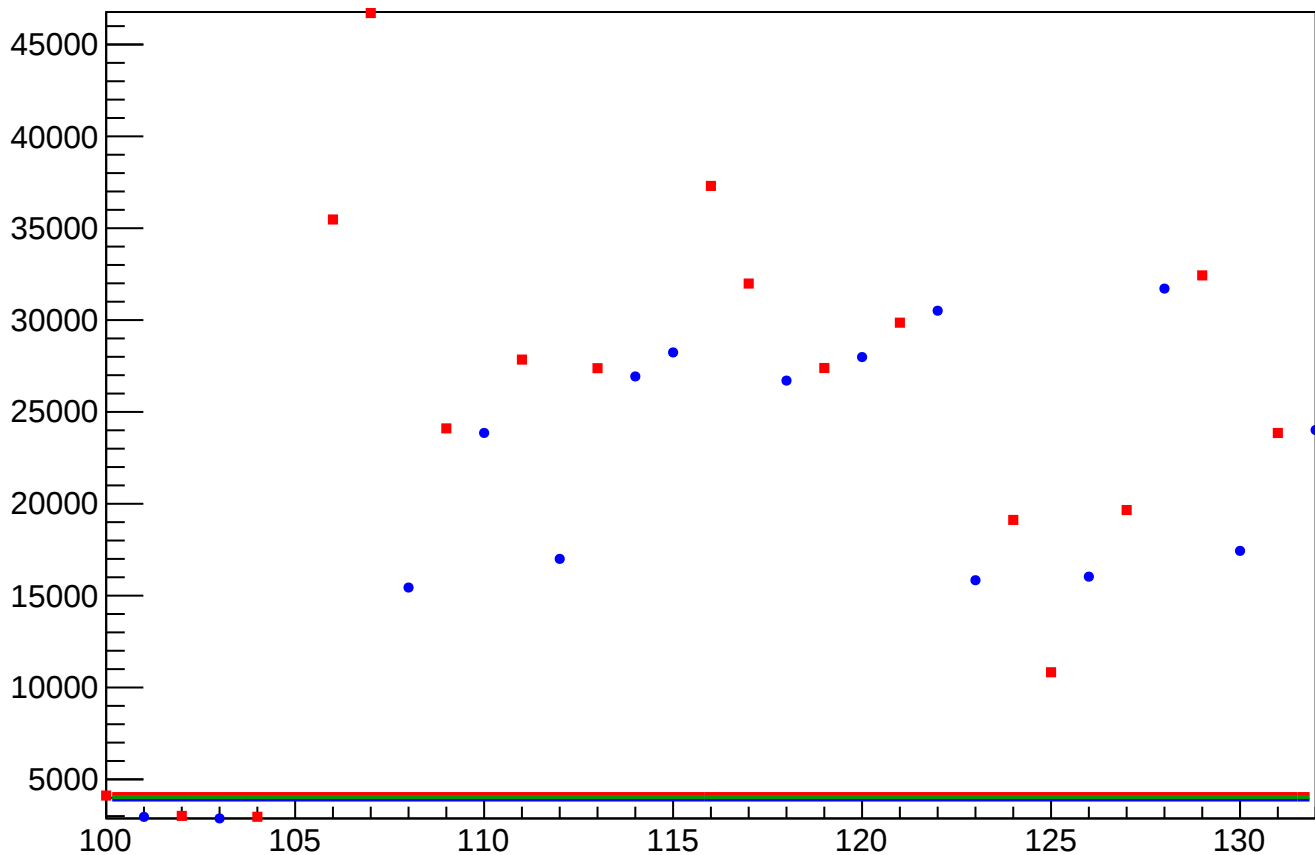
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7.803 $\pm$ 2.639 χ^2 /NDF: 27.4/14

-4.582 $\pm$ 1.930 χ^2 /NDF: 55.8/31

-0.882 $\pm$ 2.829 χ^2 /NDF: 25.2/16

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3901.558+/-1.866 χ^2/NDF : 5288980.3/14

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

Right Out: 4200.704+/-2.000 χ^2/NDF : 6566668.9/16

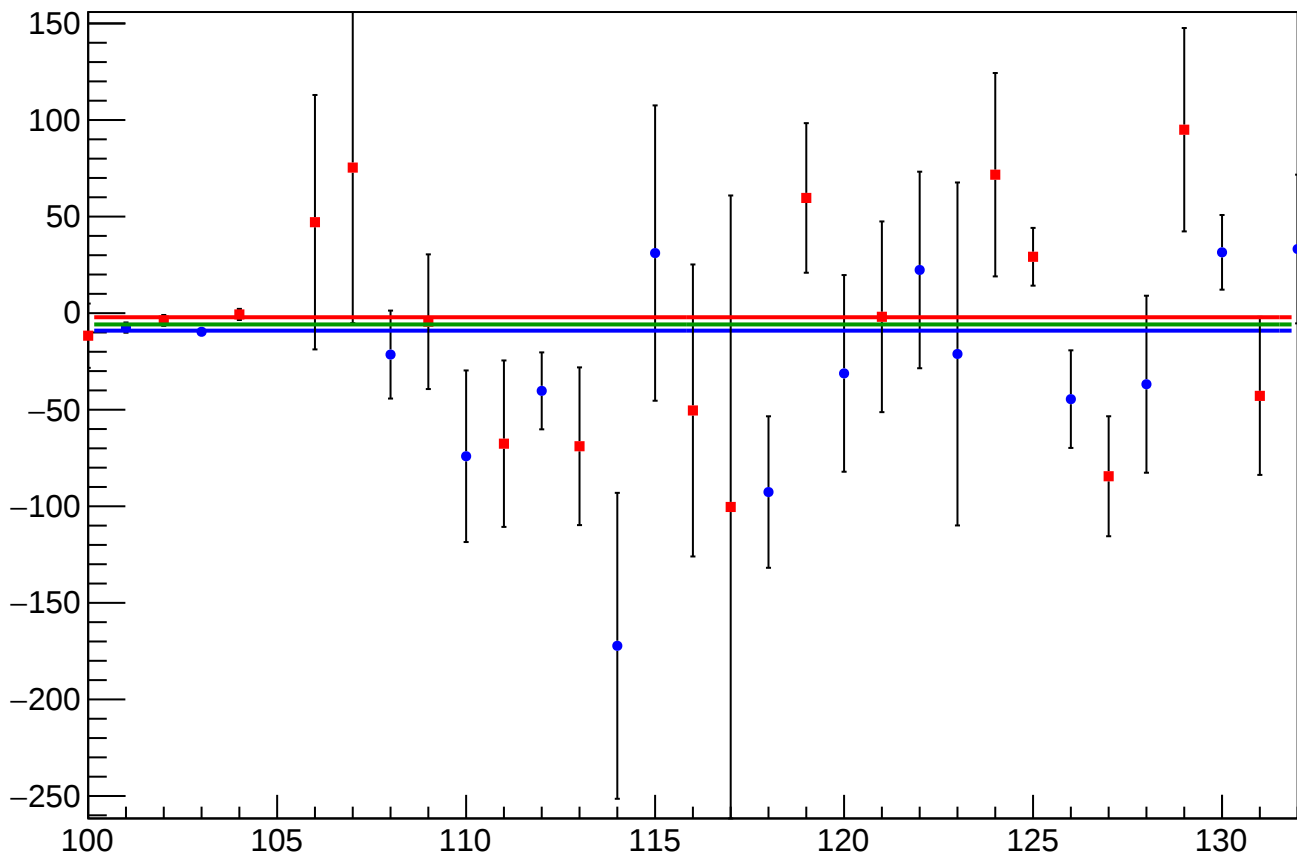
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3901.558+/-1.866 χ^2/NDF : 5288980.3/14

4040.776+/-1.365 χ^2/NDF : 11867606.5/3

4200.704+/-2.000 χ^2/NDF : 6566668.9/16

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.057+/-1.819 χ^2/NDF : 22.9/14

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

Right Out: -2.116+/-1.958 χ^2/NDF : 28.5/16

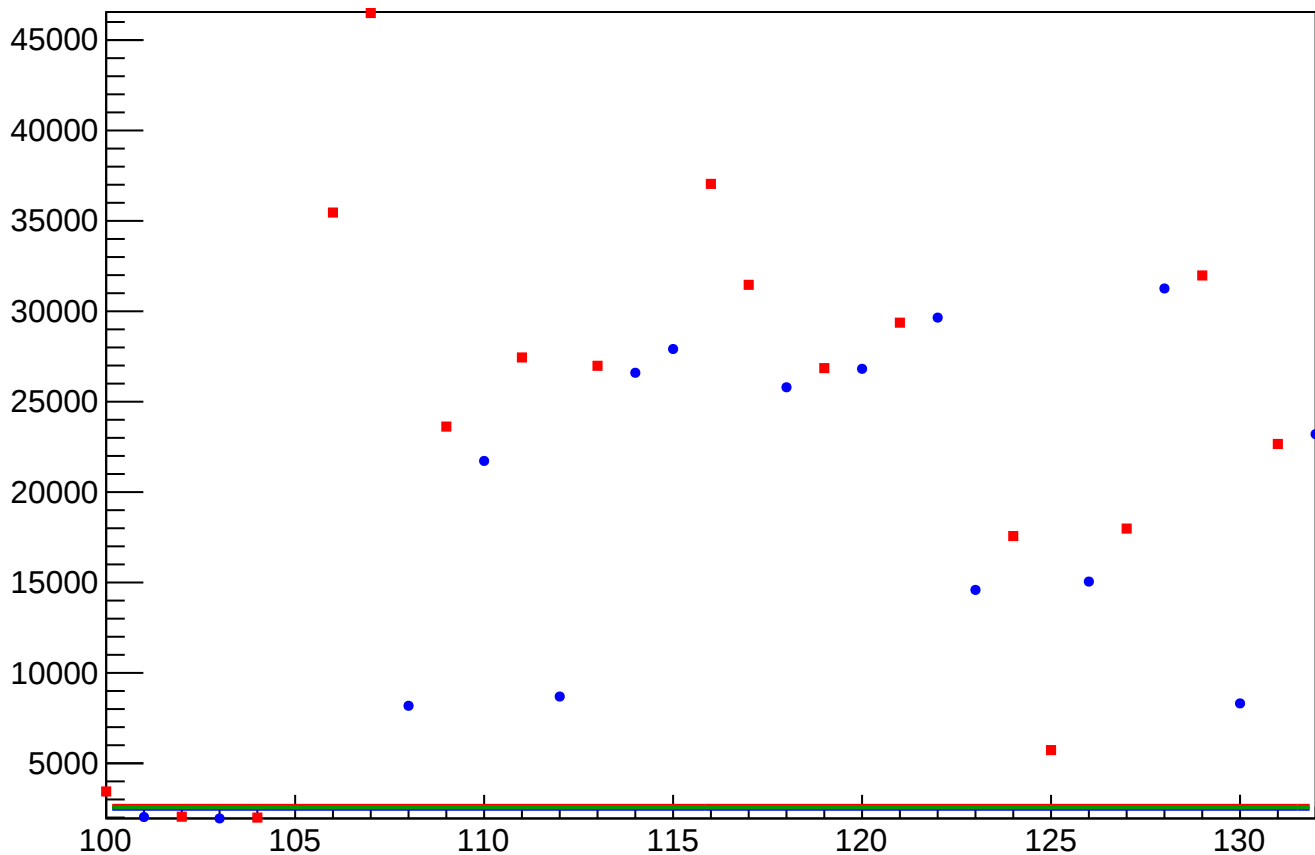
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.057+/-1.819 χ^2/NDF : 22.9/14

-5.843+/-1.333 χ^2/NDF : 58.1/31

-2.116+/-1.958 χ^2/NDF : 28.5/16

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2486.944+/-1.286 χ^2/NDF : 5058987.2/14

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

Right Out: 2648.104+/-1.385 χ^2/NDF : 7061056.4/16

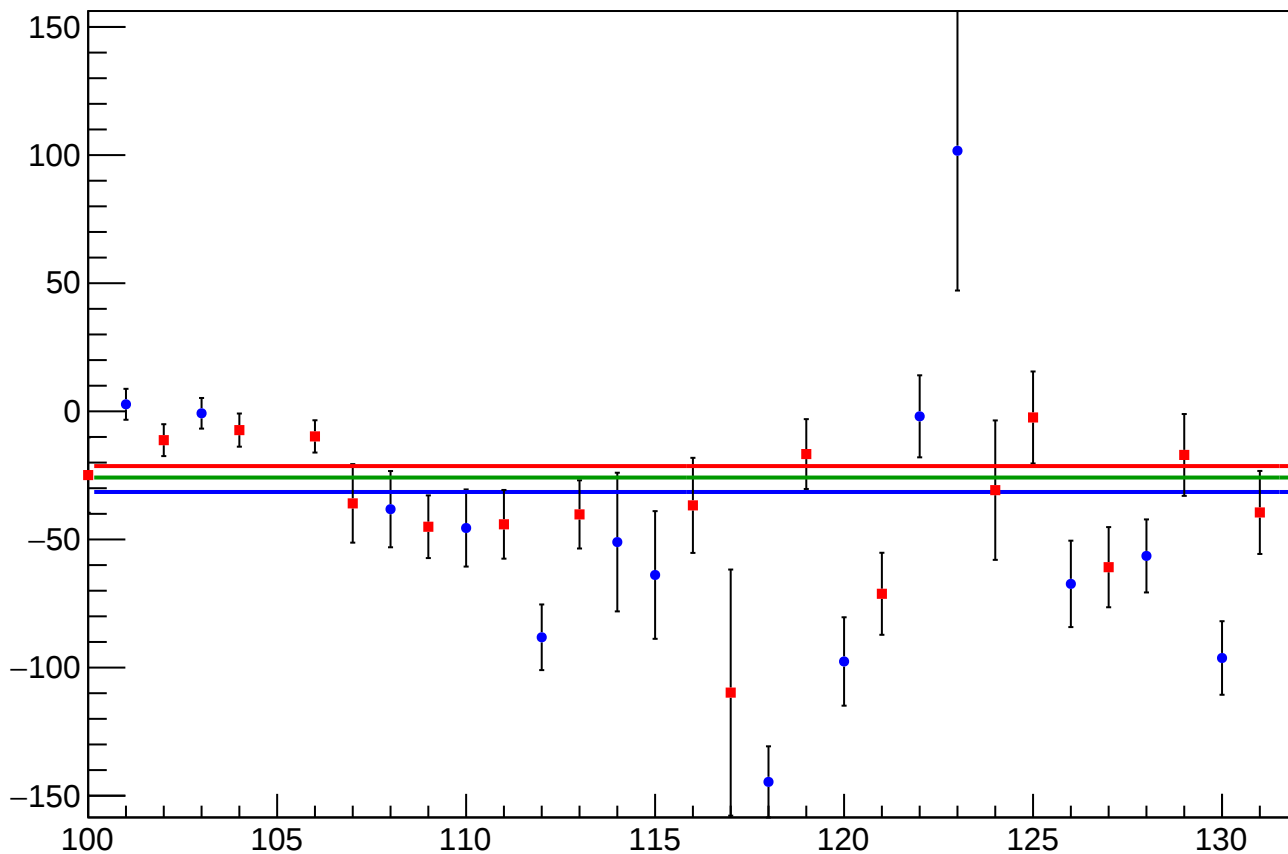
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2486.944+/-1.286 χ^2/NDF : 5058987.2/14

2561.578+/-0.942 χ^2/NDF : 12127317.3/3

2648.104+/-1.385 χ^2/NDF : 7061056.4/16

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -31.471 ± 3.109 χ^2/NDF : 201.1/14

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

Right Out: -21.363 ± 2.767 χ^2/NDF : 43.1/16

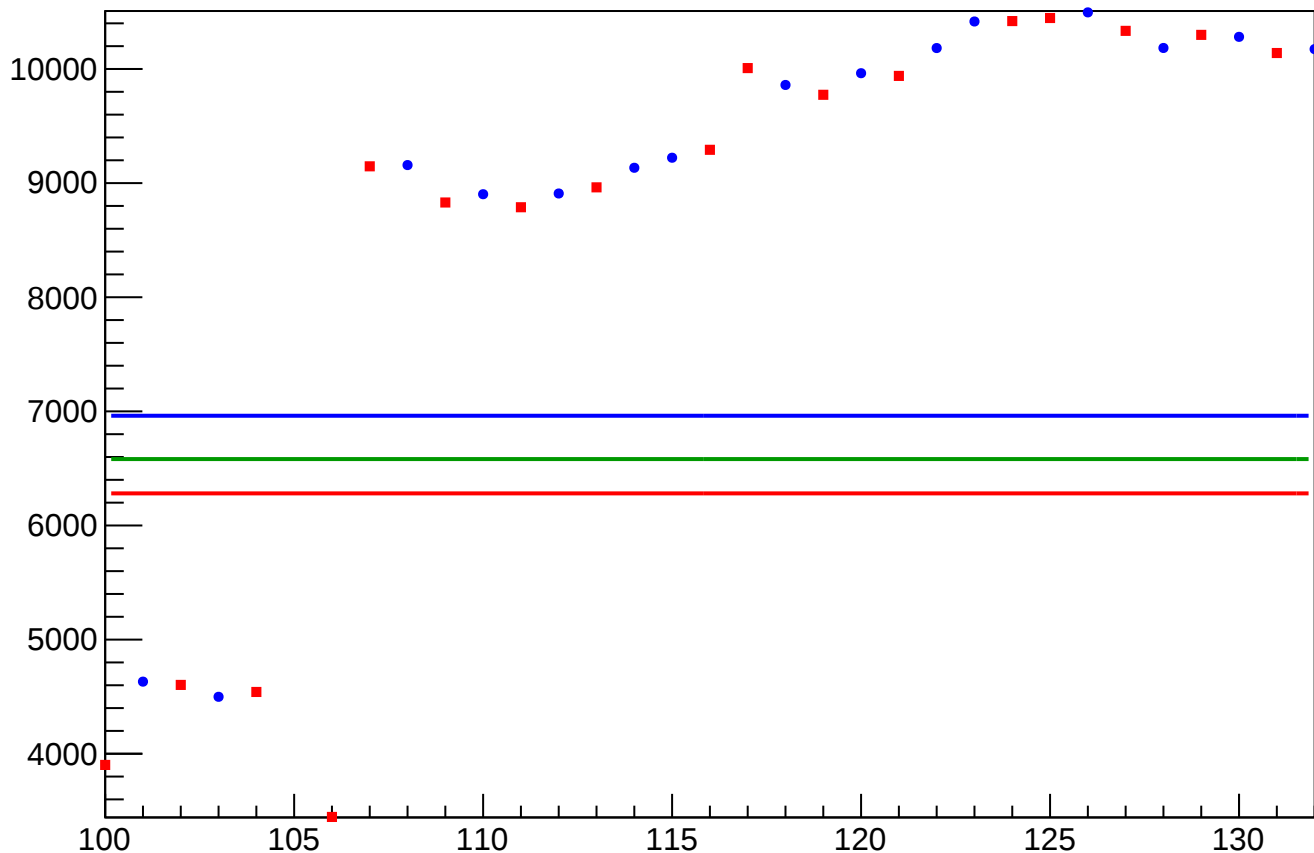
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-31.471 ± 3.109 χ^2/NDF : 201.1/14

-25.831 ± 2.067 χ^2/NDF : 250.1/31

-21.363 ± 2.767 χ^2/NDF : 43.1/16

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6961.570+/-2.199 χ^2/NDF : 1404710.6/14

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

Right Out: 6281.272+/-1.957 χ^2/NDF : 1884571.5/16

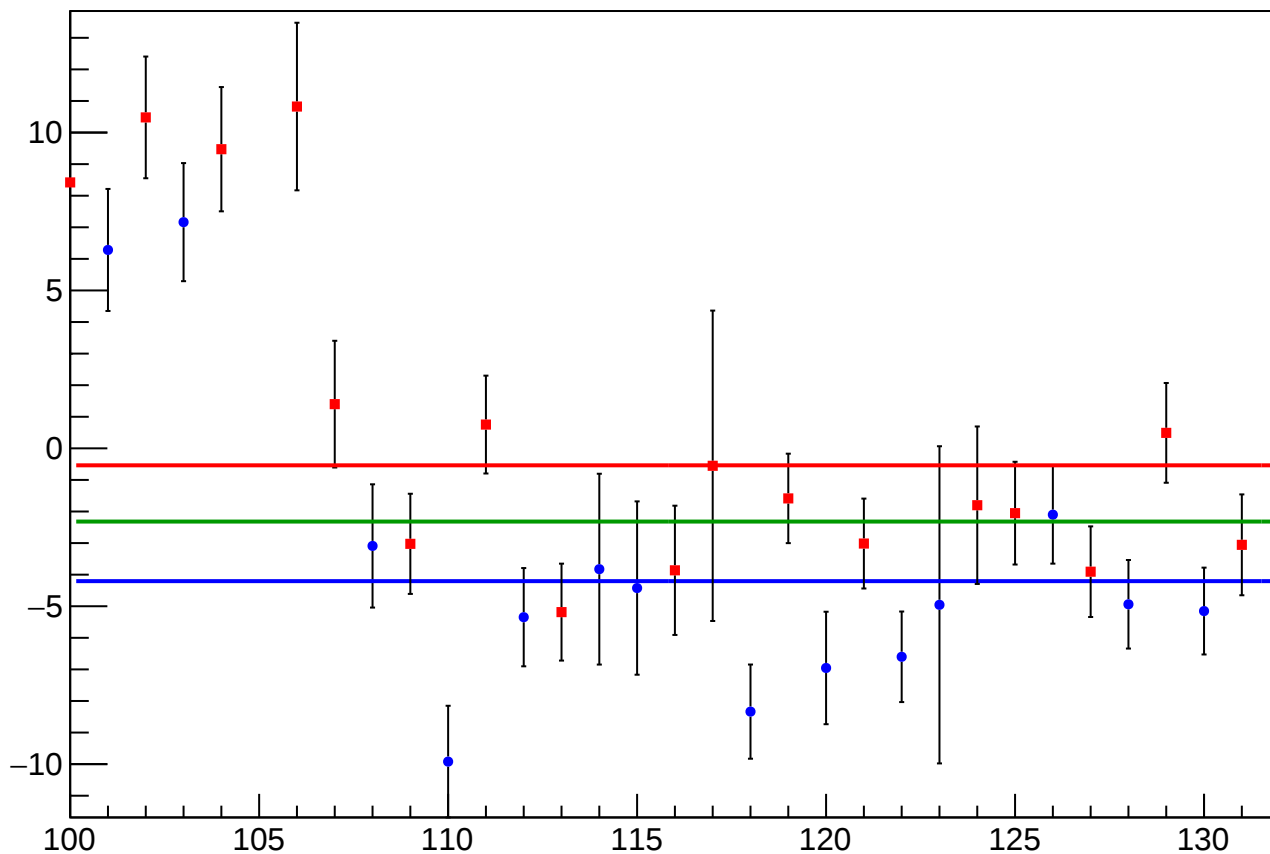
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6961.570+/-2.199 χ^2/NDF : 1404710.6/14

6581.941+/-1.462 χ^2/NDF : 3342708.2/31

6281.272+/-1.957 χ^2/NDF : 1884571.5/16

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.205+/-0.448 χ^2/NDF : 93.3/14

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

Right Out: -0.538+/-0.435 χ^2/NDF : 108.6/16

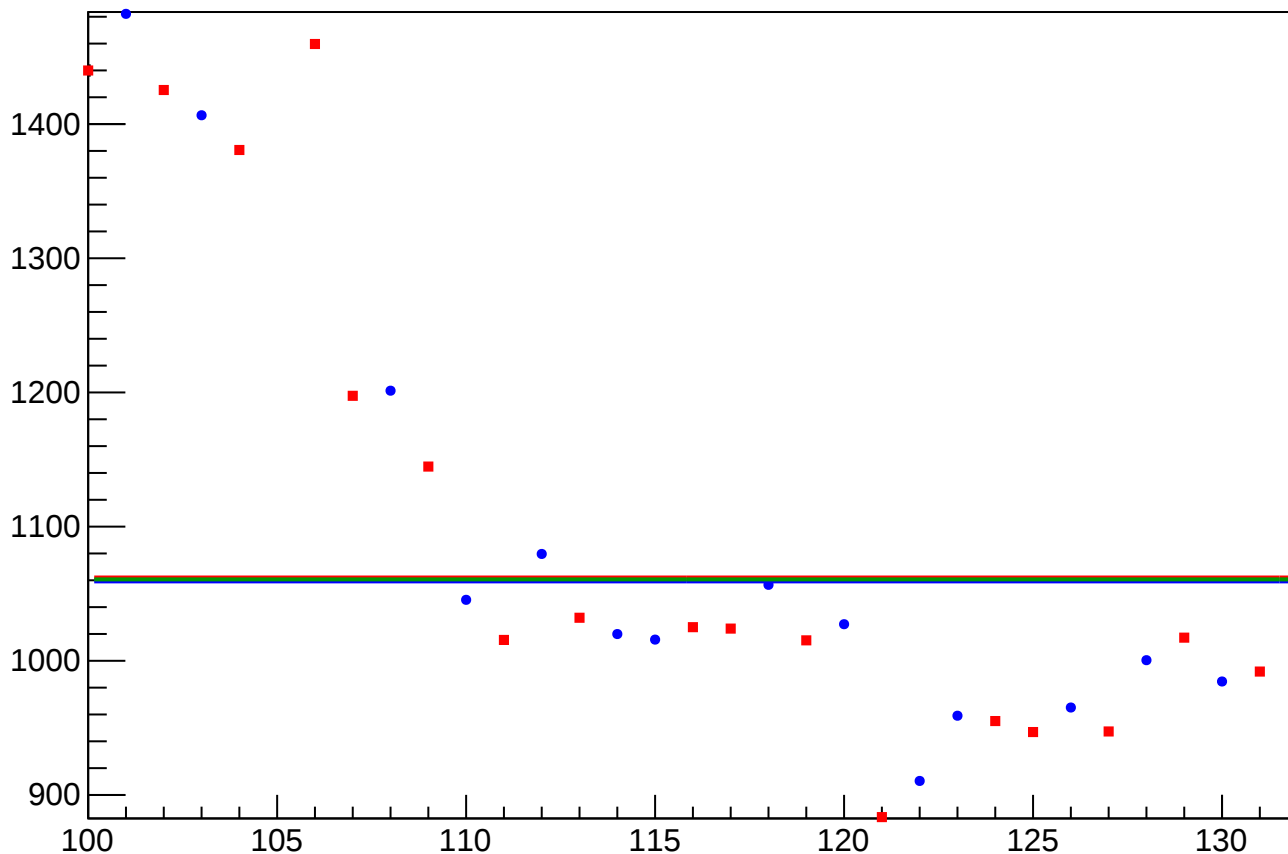
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.205+/-0.448 χ^2/NDF : 93.3/14

-2.318+/-0.312 χ^2/NDF : 236.4/31

-0.538+/-0.435 χ^2/NDF : 108.6/16

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1059.197 $\pm$ 0.317 χ^2 /NDF: 226770.4/14

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

Right Out: 1062.076 $\pm$ 0.308 χ^2 /NDF: 261661.6/16

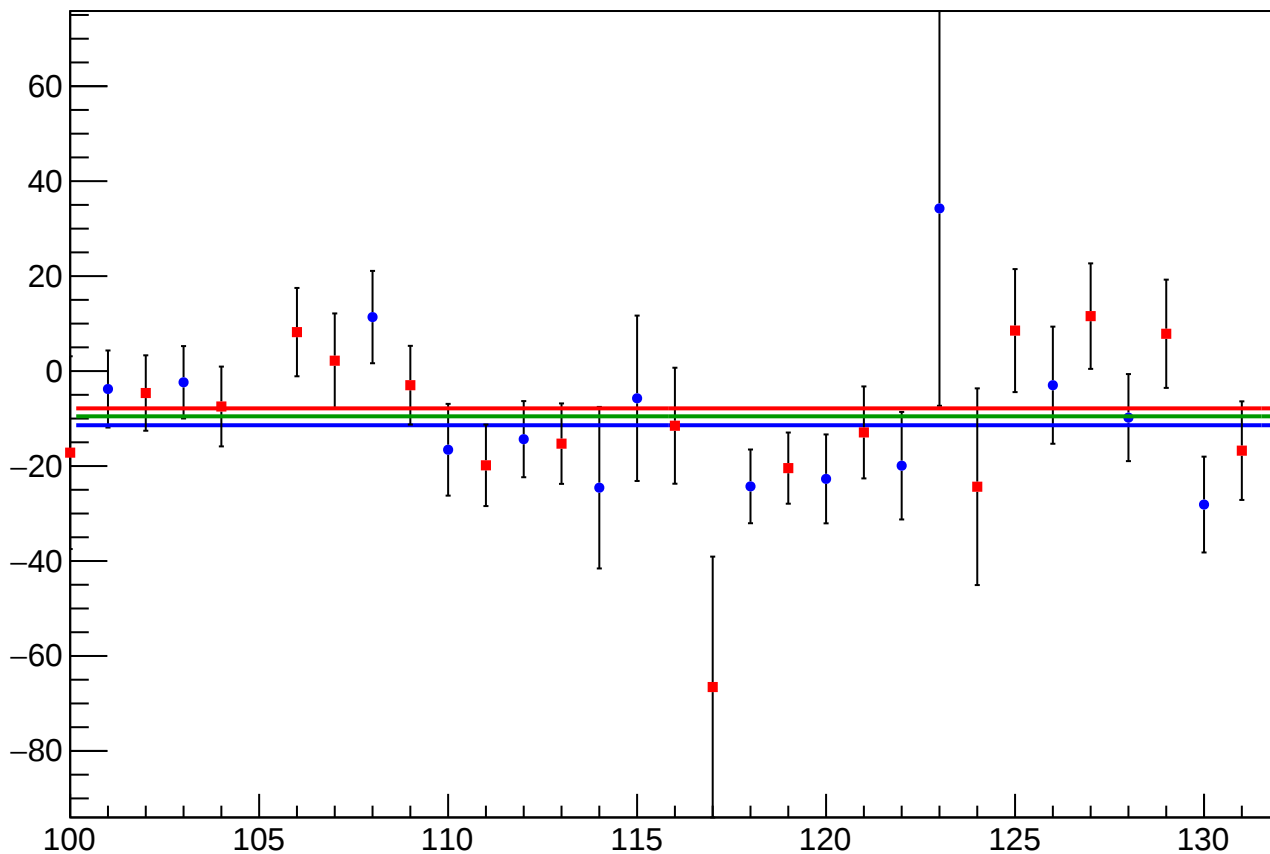
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1059.197 $\pm$ 0.317 χ^2 /NDF: 226770.4/14

1060.678 $\pm$ 0.221 χ^2 /NDF: 488474.5/31

1062.076 $\pm$ 0.308 χ^2 /NDF: 261661.6/16

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.407 ± 2.599 χ^2/NDF : 19.1/14

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

Right Out: -7.853 ± 2.454 χ^2/NDF : 23.1/16

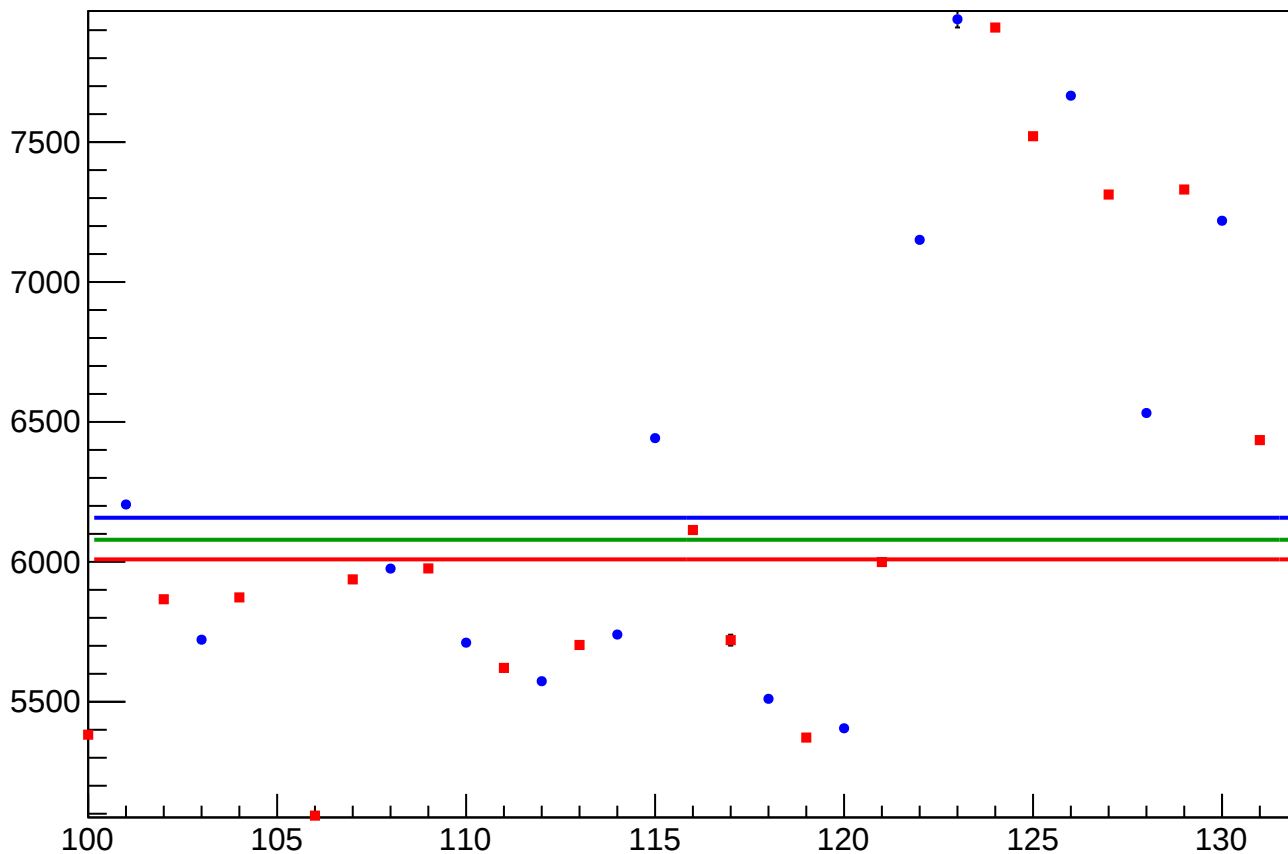
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.407 ± 2.599 χ^2/NDF : 19.1/14

-9.528 ± 1.784 χ^2/NDF : 43.3/31

-7.853 ± 2.454 χ^2/NDF : 23.1/16

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6157.686 $\pm$ 1.838 χ^2 /NDF: 146219.8/14

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

Right Out: 6008.877 $\pm$ 1.735 χ^2 /NDF: 145971.8/16

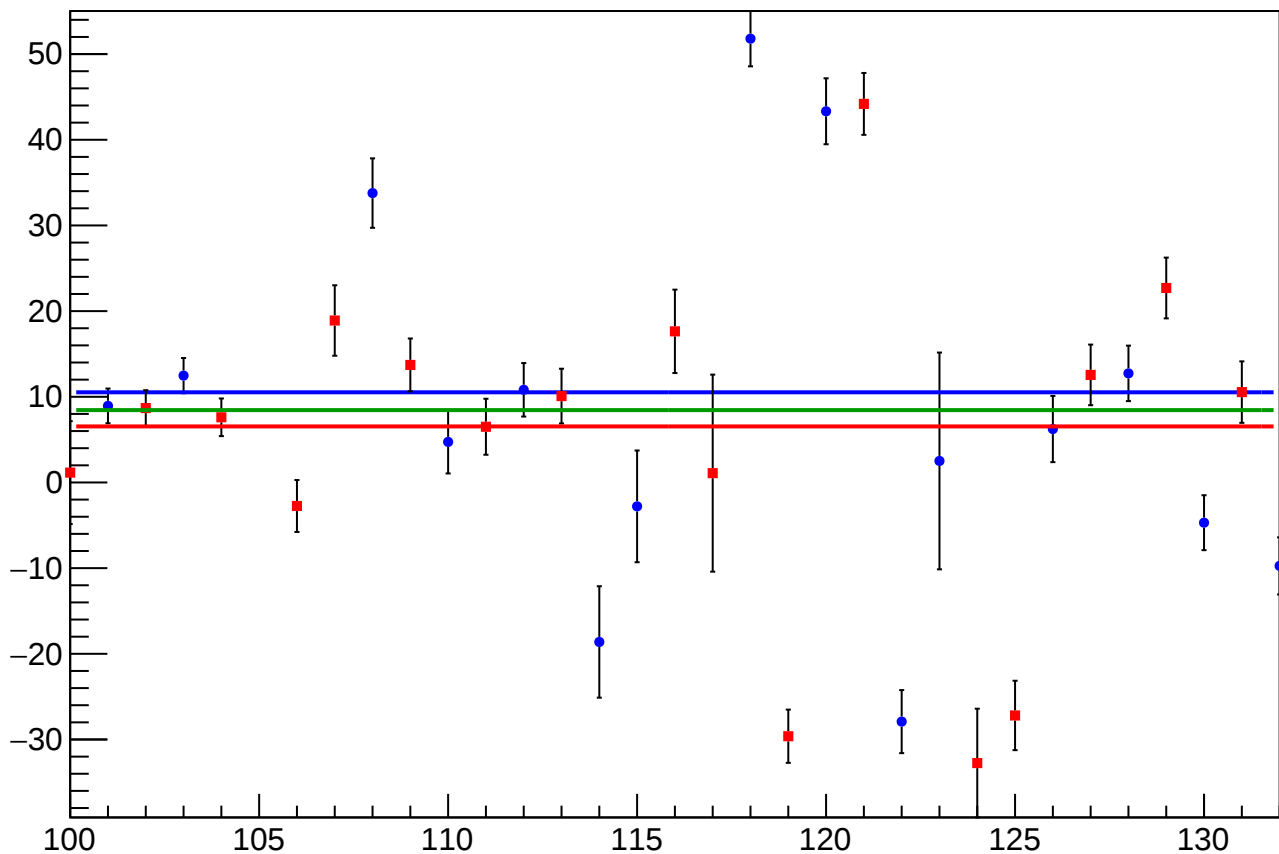
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6157.686 $\pm$ 1.838 χ^2 /NDF: 146219.8/14

6079.031 $\pm$ 1.262 χ^2 /NDF: 295658.1/31

6008.877 $\pm$ 1.735 χ^2 /NDF: 145971.8/16

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 10.524 $\pm$ 0.858 χ^2/NDF : 468.0/14

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

Right Out: 6.541 $\pm$ 0.821 χ^2/NDF : 409.3/16

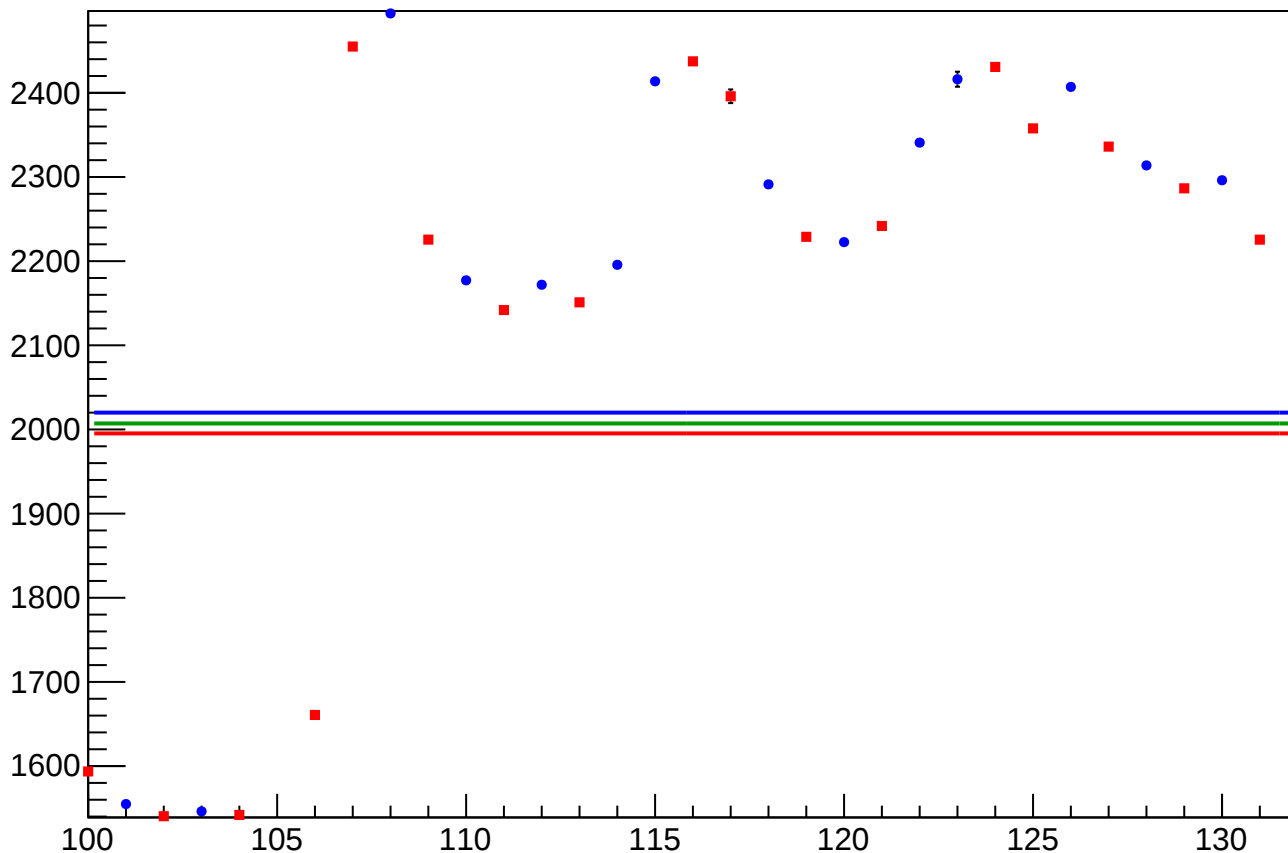
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

10.524 $\pm$ 0.858 χ^2/NDF : 468.0/14

8.445 $\pm$ 0.593 χ^2/NDF : 888.5/31

6.541 $\pm$ 0.821 χ^2/NDF : 409.3/16

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 2020.027+/-0.607 χ^2/NDF : 346442.2/14

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

Right Out: 1995.309+/-0.581 χ^2/NDF : 364082.8/16

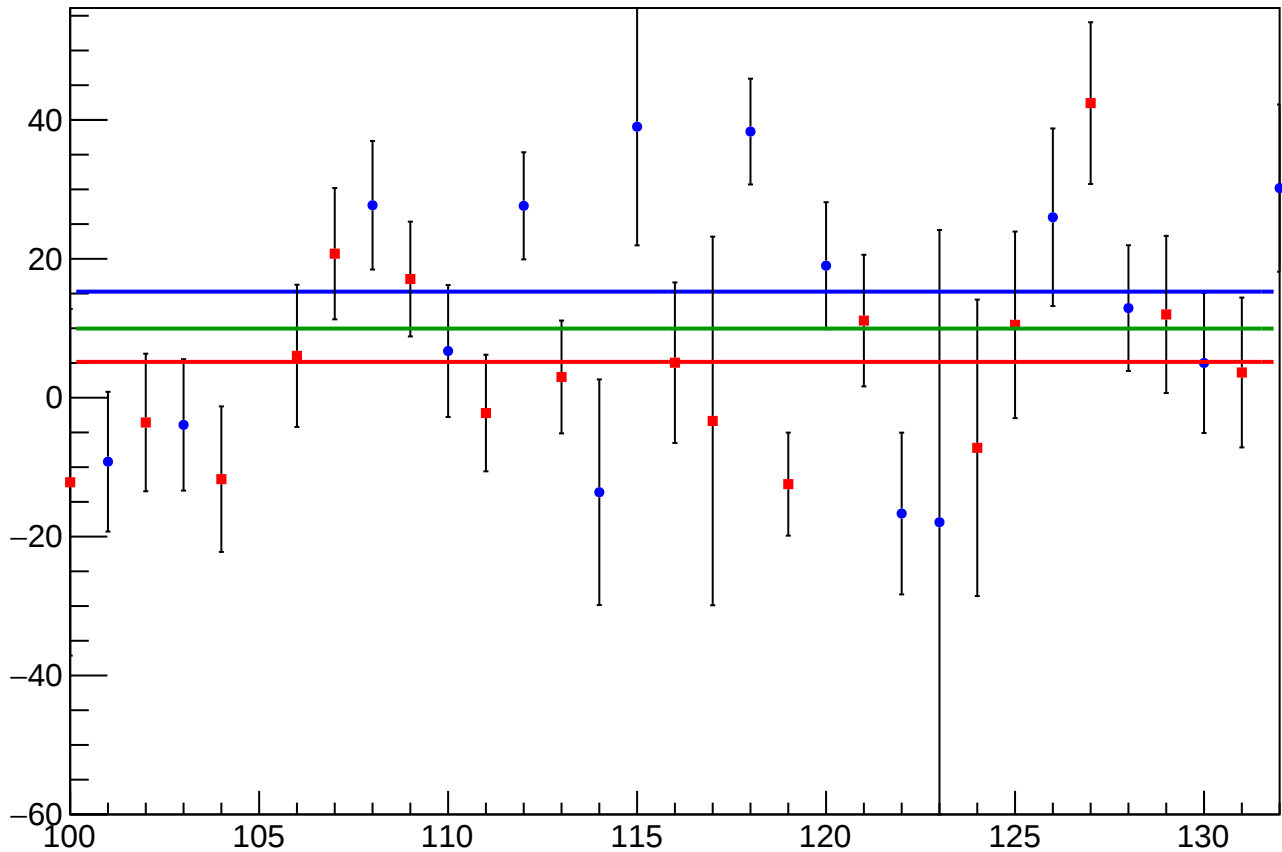
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2020.027+/-0.607 χ^2/NDF : 346442.2/14

2007.124+/-0.420 χ^2/NDF : 711391.2/31

1995.309+/-0.581 χ^2/NDF : 364082.8/16

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.276+/-2.673 χ^2 /NDF: 41.1/14

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

Right Out: 5.160+/-2.537 χ^2 /NDF: 26.7/16

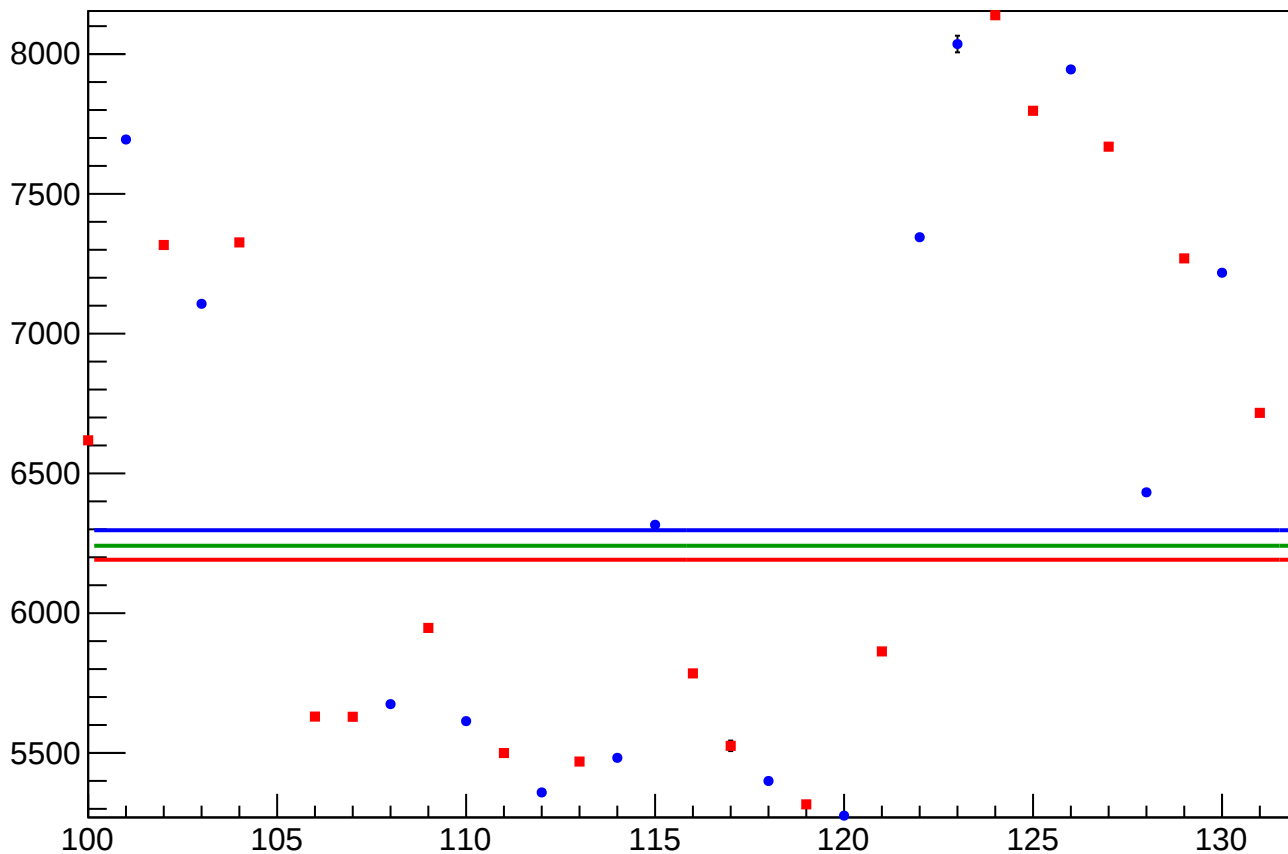
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

15.276+/-2.673 χ^2 /NDF: 41.1/14

9.955+/-1.840 χ^2 /NDF: 75.4/31

5.160+/-2.537 χ^2 /NDF: 26.7/16

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6296.722 $\pm$ 1.890 χ^2 /NDF: 253208.6/14

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

Right Out: 6191.164 $\pm$ 1.794 χ^2 /NDF: 228339.4/16

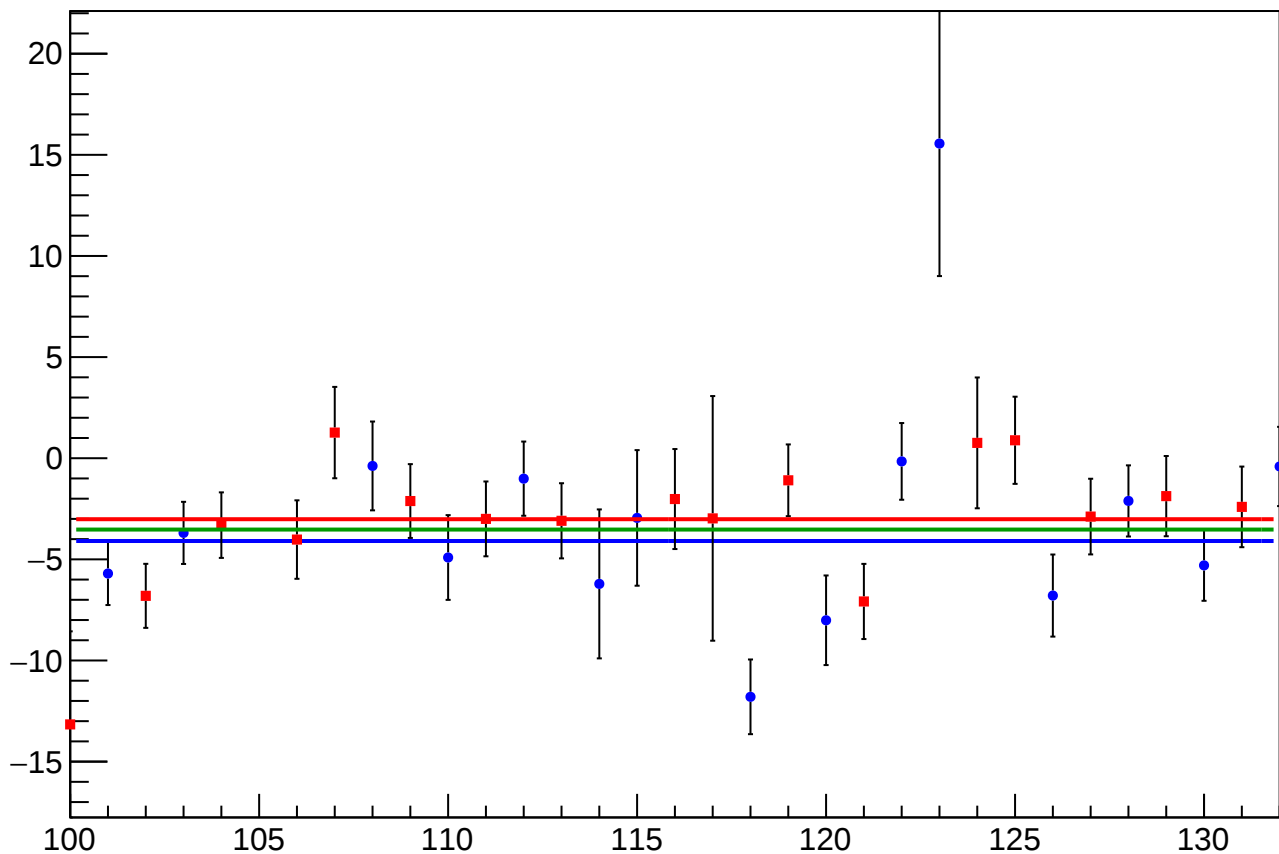
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6296.722 $\pm$ 1.890 χ^2 /NDF: 253208.6/14

6241.205 $\pm$ 1.301 χ^2 /NDF: 483188.9/31

6191.164 $\pm$ 1.794 χ^2 /NDF: 228339.4/16

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.093+/-0.521 χ^2/NDF : 48.3/14

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

Right Out: -3.015+/-0.496 χ^2/NDF : 25.9/16

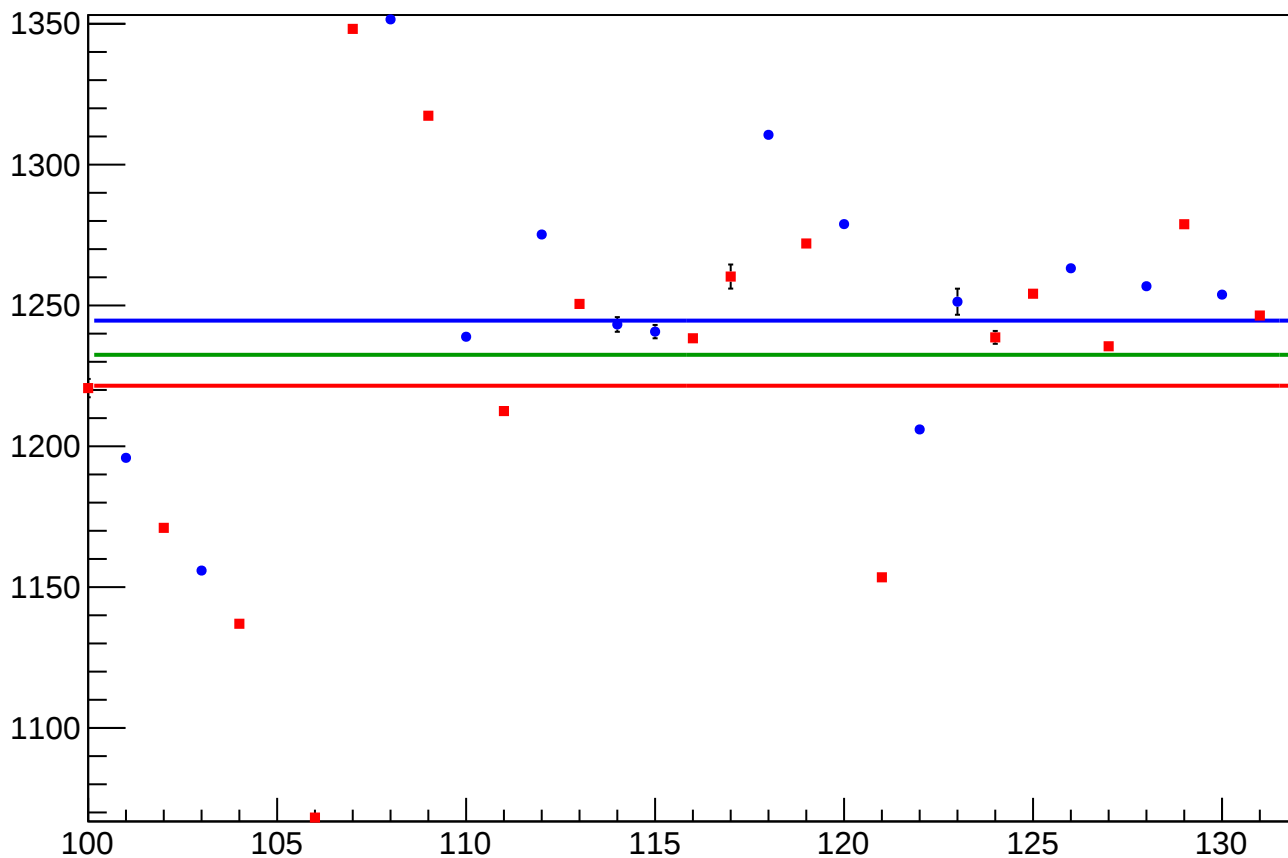
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.093+/-0.521 χ^2/NDF : 48.3/14

-3.527+/-0.359 χ^2/NDF : 76.5/31

-3.015+/-0.496 χ^2/NDF : 25.9/16

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1244.621+/-0.368 χ^2/NDF : 18137.0/14

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

Right Out: 1221.505+/-0.350 χ^2/NDF : 39404.8/16

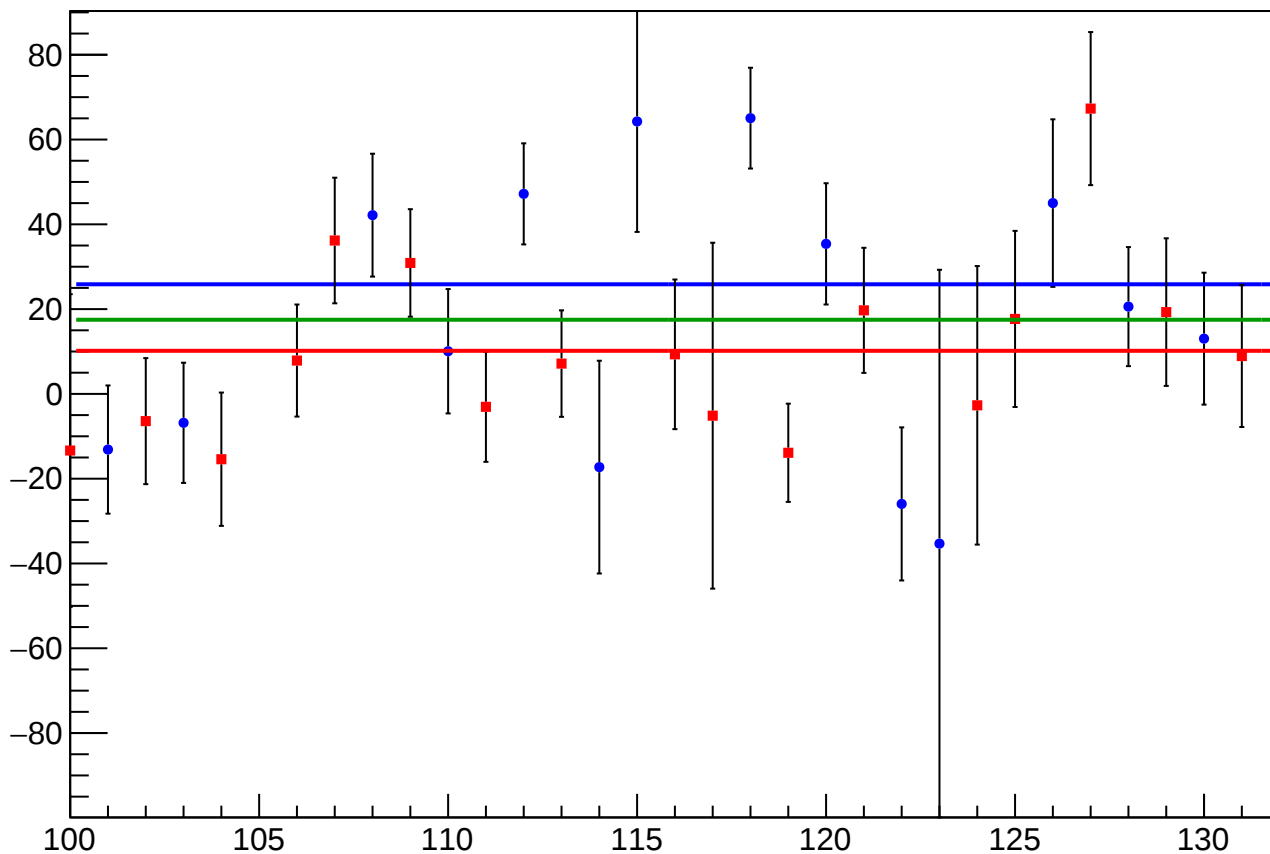
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1244.621+/-0.368 χ^2/NDF : 18137.0/14

1232.481+/-0.254 χ^2/NDF : 59608.6/31

1221.505+/-0.350 χ^2/NDF : 39404.8/16

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.856+/-4.124 χ^2 /NDF: 46.6/14

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

Right Out: 10.166+/-3.860 χ^2 /NDF: 26.6/16

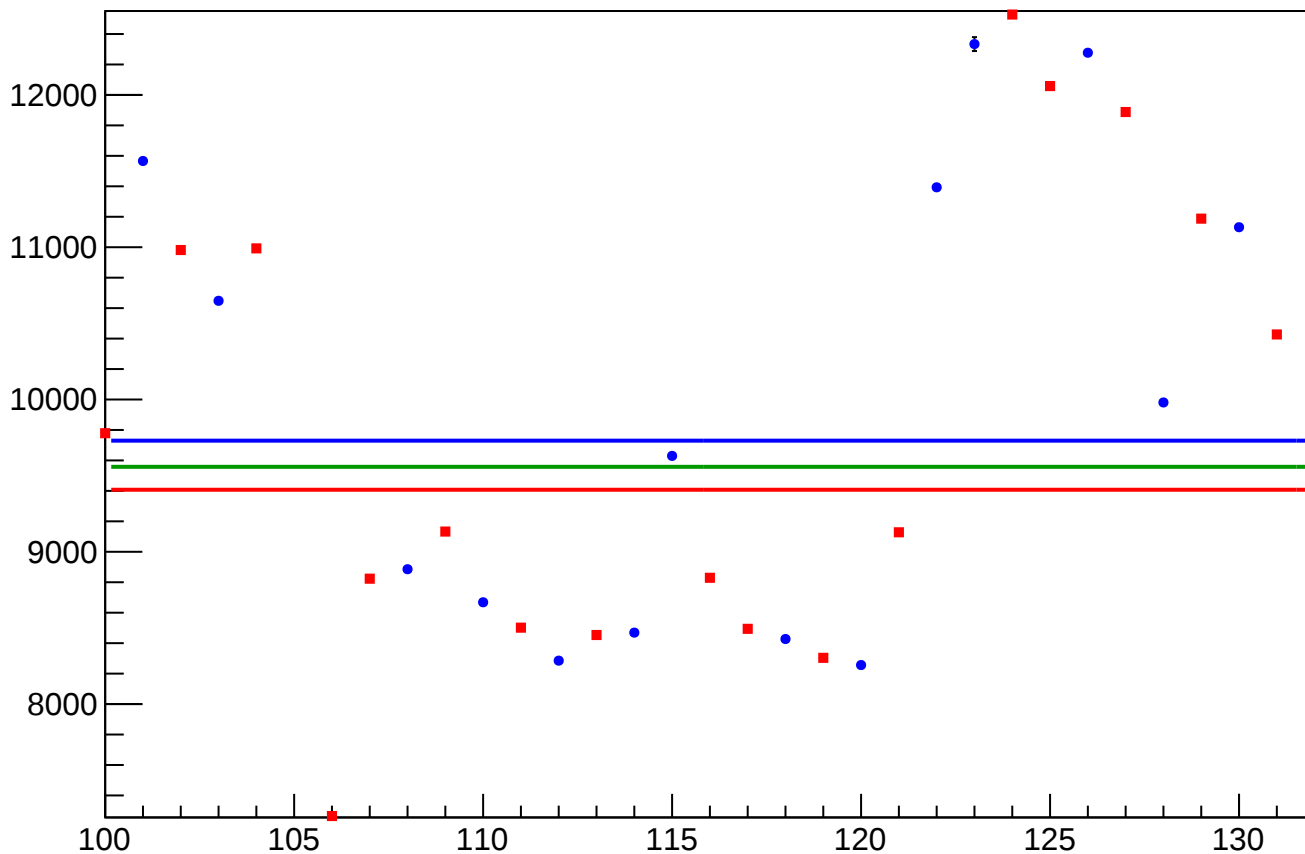
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.856+/-4.124 χ^2 /NDF: 46.6/14

17.492+/-2.818 χ^2 /NDF: 81.0/31

10.166+/-3.860 χ^2 /NDF: 26.6/16

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9729.692+/-2.916 χ^2/NDF : 228137.7/14

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

Right Out: 9407.444+/-2.730 χ^2/NDF : 259558.9/16

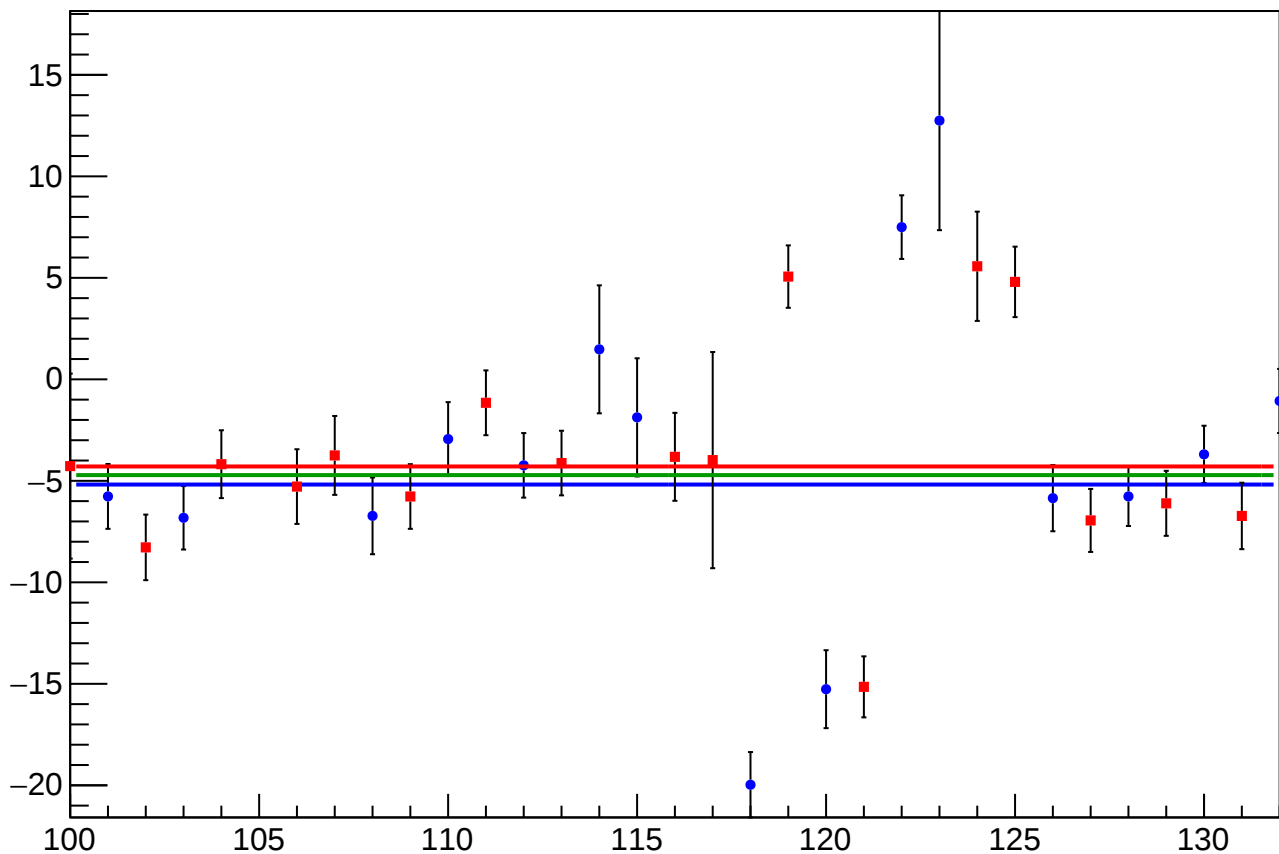
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9729.692+/-2.916 χ^2/NDF : 228137.7/14

9557.912+/-1.993 χ^2/NDF : 494204.8/31

9407.444+/-2.730 χ^2/NDF : 259558.9/16

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.183+/-0.454 χ^2/NDF : 206.1/14

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

Right Out: -4.292+/-0.435 χ^2/NDF : 147.8/16

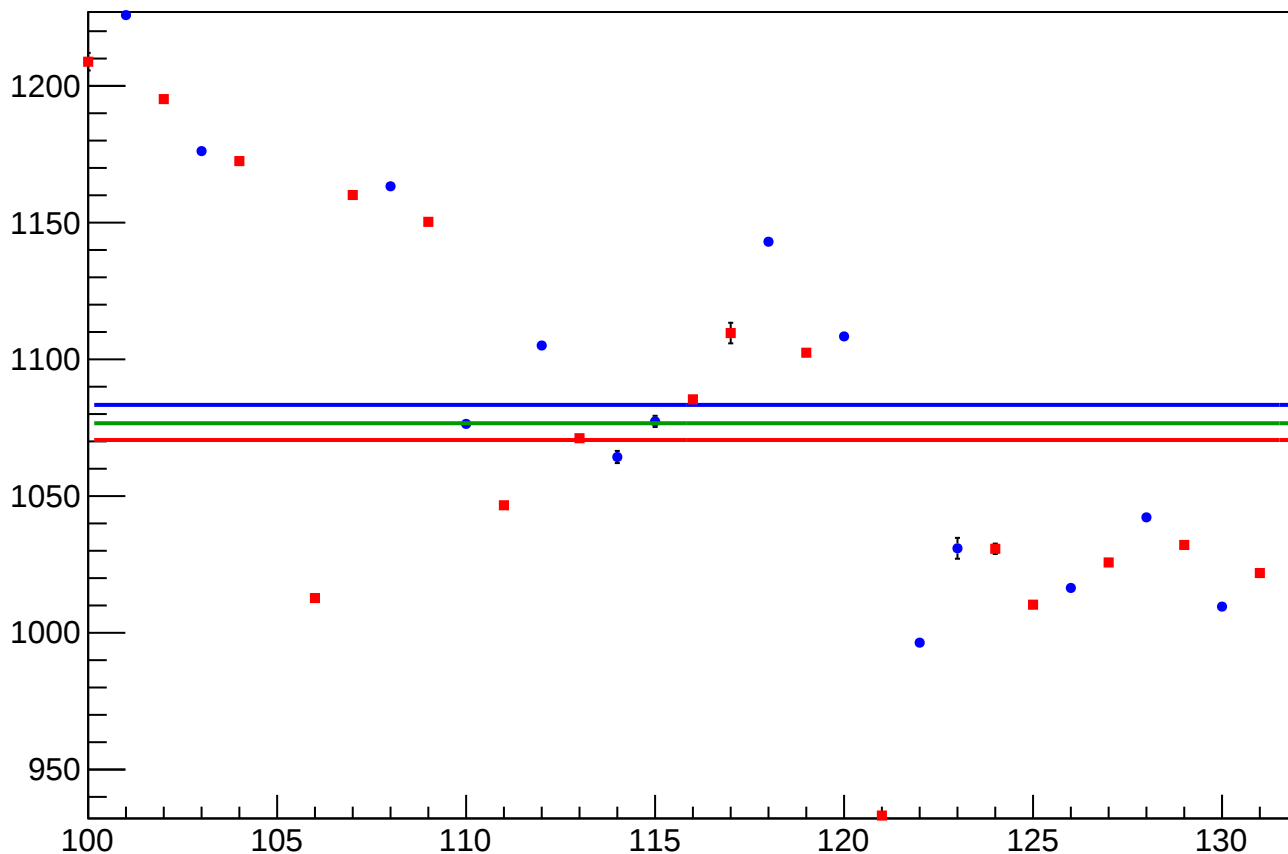
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.183+/-0.454 χ^2/NDF : 206.1/14

-4.718+/-0.314 χ^2/NDF : 355.9/31

-4.292+/-0.435 χ^2/NDF : 147.8/16

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1083.346 $\pm$ 0.321 χ^2 /NDF: 51718.5/14

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

Right Out: 1070.506 $\pm$ 0.307 χ^2 /NDF: 58085.4/16

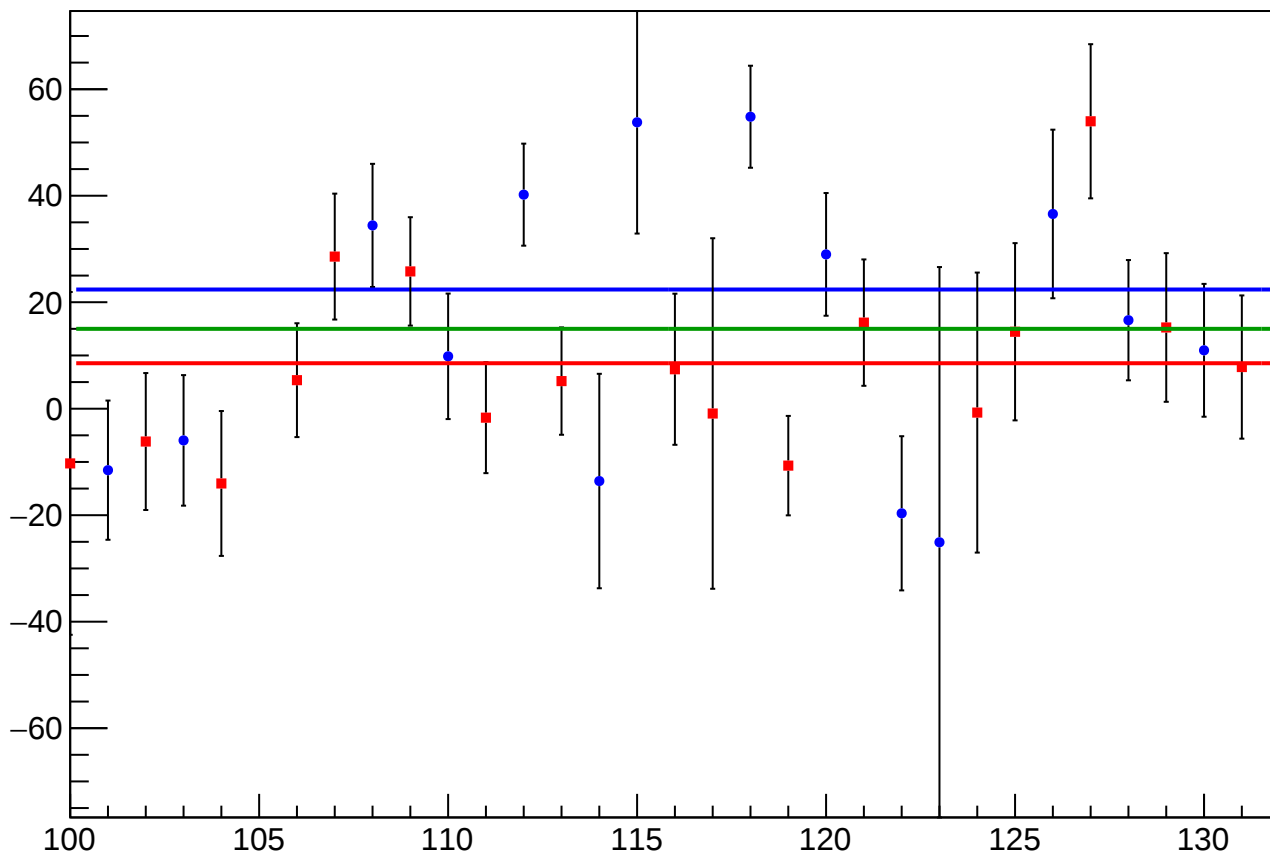
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1083.346 $\pm$ 0.321 χ^2 /NDF: 51718.5/14

1076.642 $\pm$ 0.222 χ^2 /NDF: 110638.0/31

1070.506 $\pm$ 0.307 χ^2 /NDF: 58085.4/16

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.387 $\pm$ 3.349 χ^2 /NDF: 47.9/14

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

Right Out: 8.540 $\pm$ 3.132 χ^2 /NDF: 26.4/16

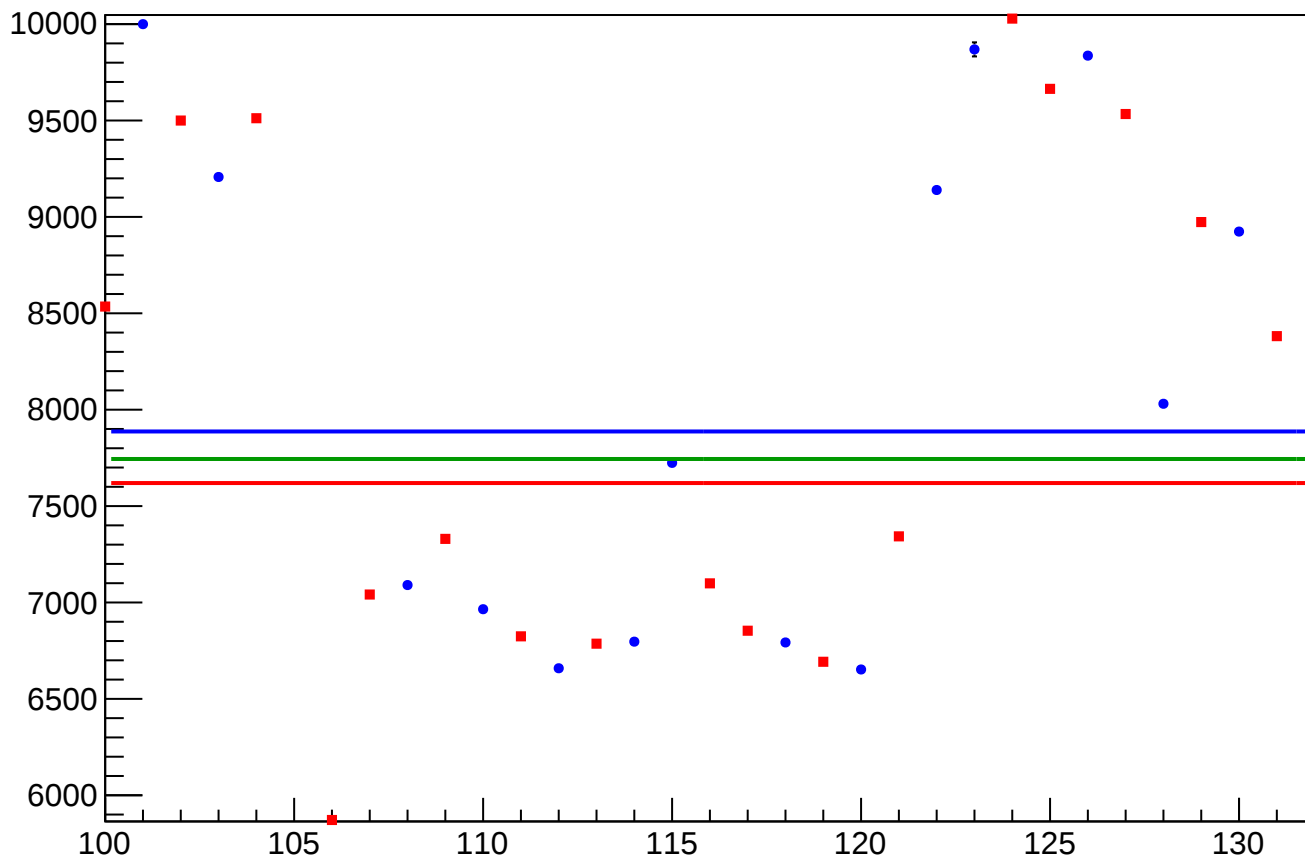
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.387 $\pm$ 3.349 χ^2 /NDF: 47.9/14

15.000 $\pm$ 2.287 χ^2 /NDF: 83.4/31

8.540 $\pm$ 3.132 χ^2 /NDF: 26.4/16

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7887.042+/-2.368 χ^2/NDF : 268097.8/14

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

Right Out: 7619.498+/-2.214 χ^2/NDF : 299979.9/16

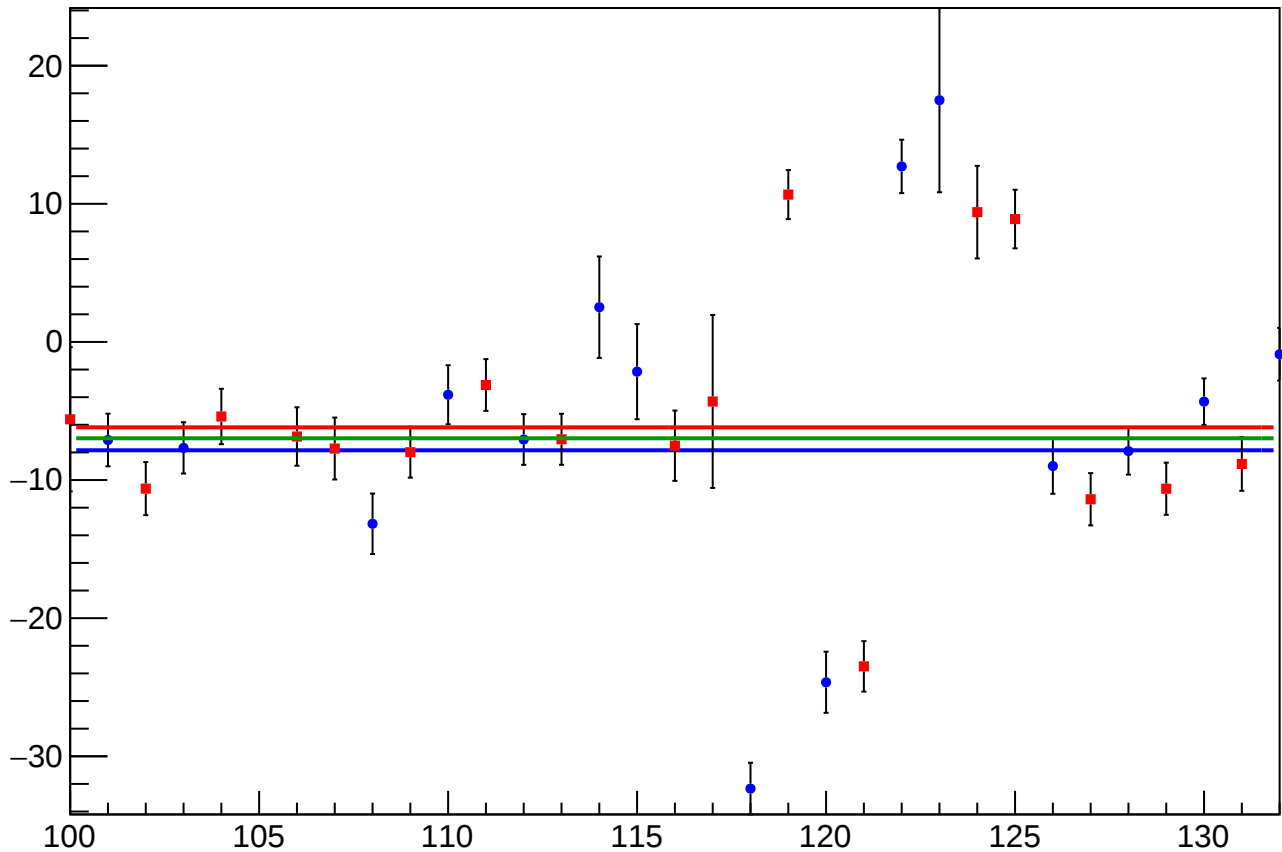
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7887.042+/-2.368 χ^2/NDF : 268097.8/14

7744.304+/-1.617 χ^2/NDF : 574887.2/31

7619.498+/-2.214 χ^2/NDF : 299979.9/16

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.844+/-0.539 χ^2 /NDF: 394.7/14

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

Right Out: -6.184+/-0.514 χ^2 /NDF: 277.2/16

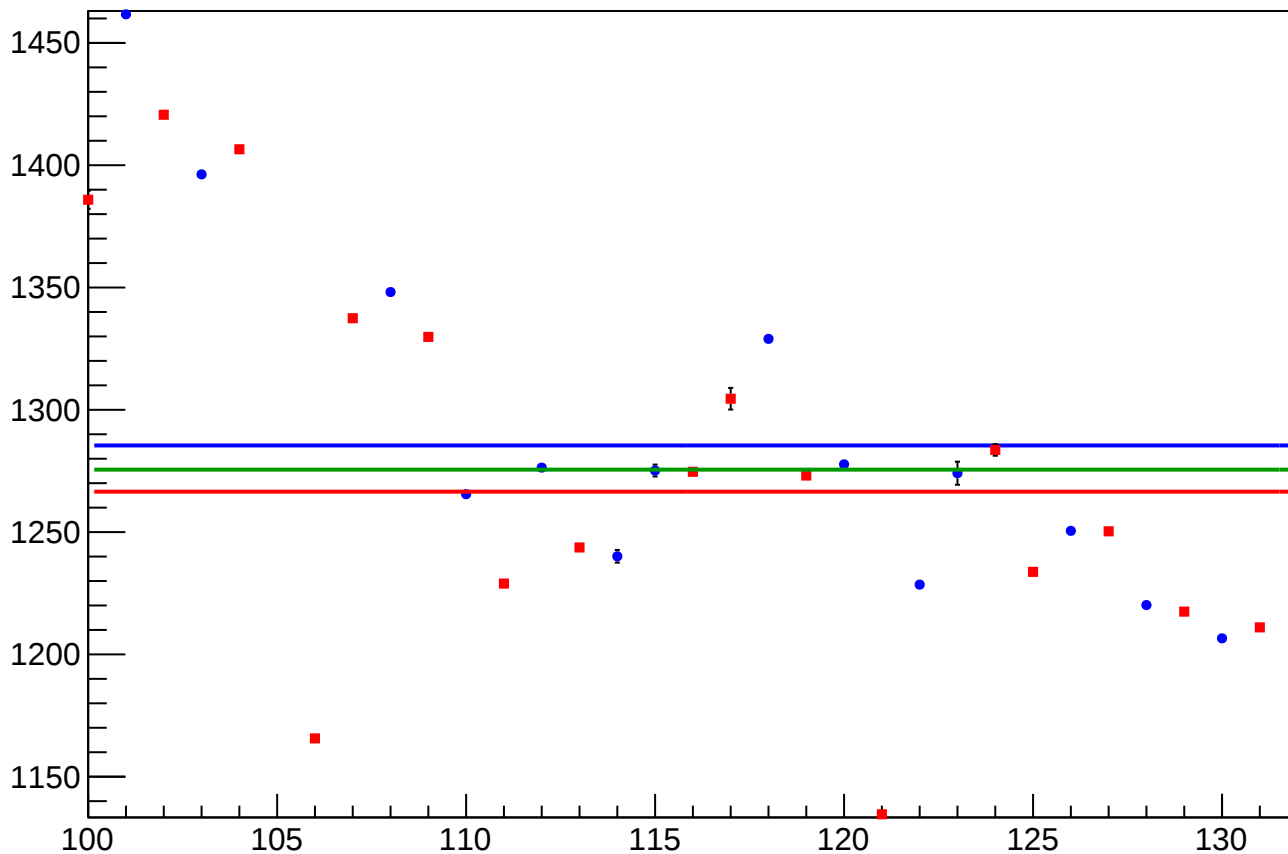
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.844+/-0.539 χ^2 /NDF: 394.7/14

-6.975+/-0.372 χ^2 /NDF: 676.9/31

-6.184+/-0.514 χ^2 /NDF: 277.2/16

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1285.424+/-0.381 χ^2/NDF : 39863.2/14

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

Right Out: 1266.539+/-0.364 χ^2/NDF : 47878.9/16

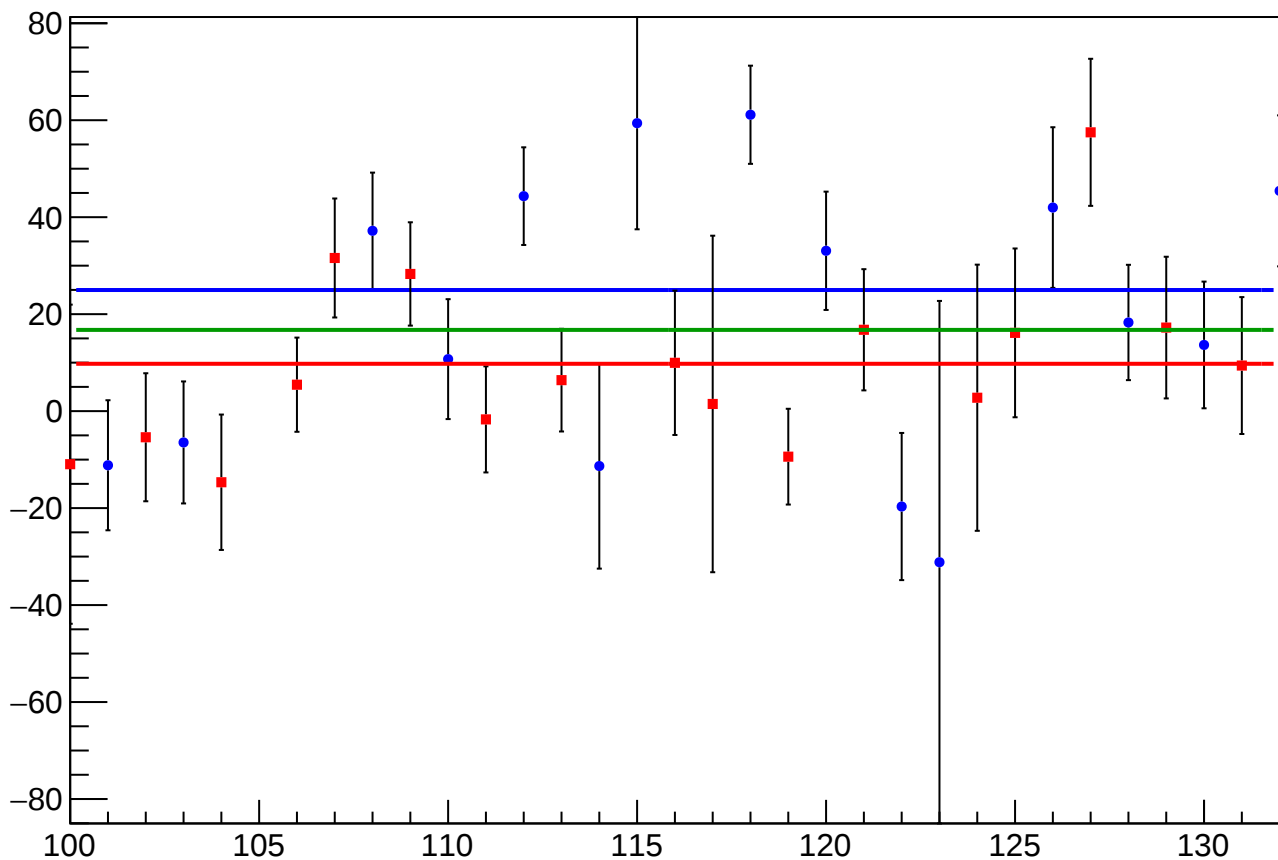
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1285.424+/-0.381 χ^2/NDF : 39863.2/14

1275.540+/-0.263 χ^2/NDF : 89028.0/31

1266.539+/-0.364 χ^2/NDF : 47878.9/16

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.979+/-3.505 χ^2 /NDF: 51.8/14

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

Right Out: 9.764+/-3.231 χ^2 /NDF: 26.9/16

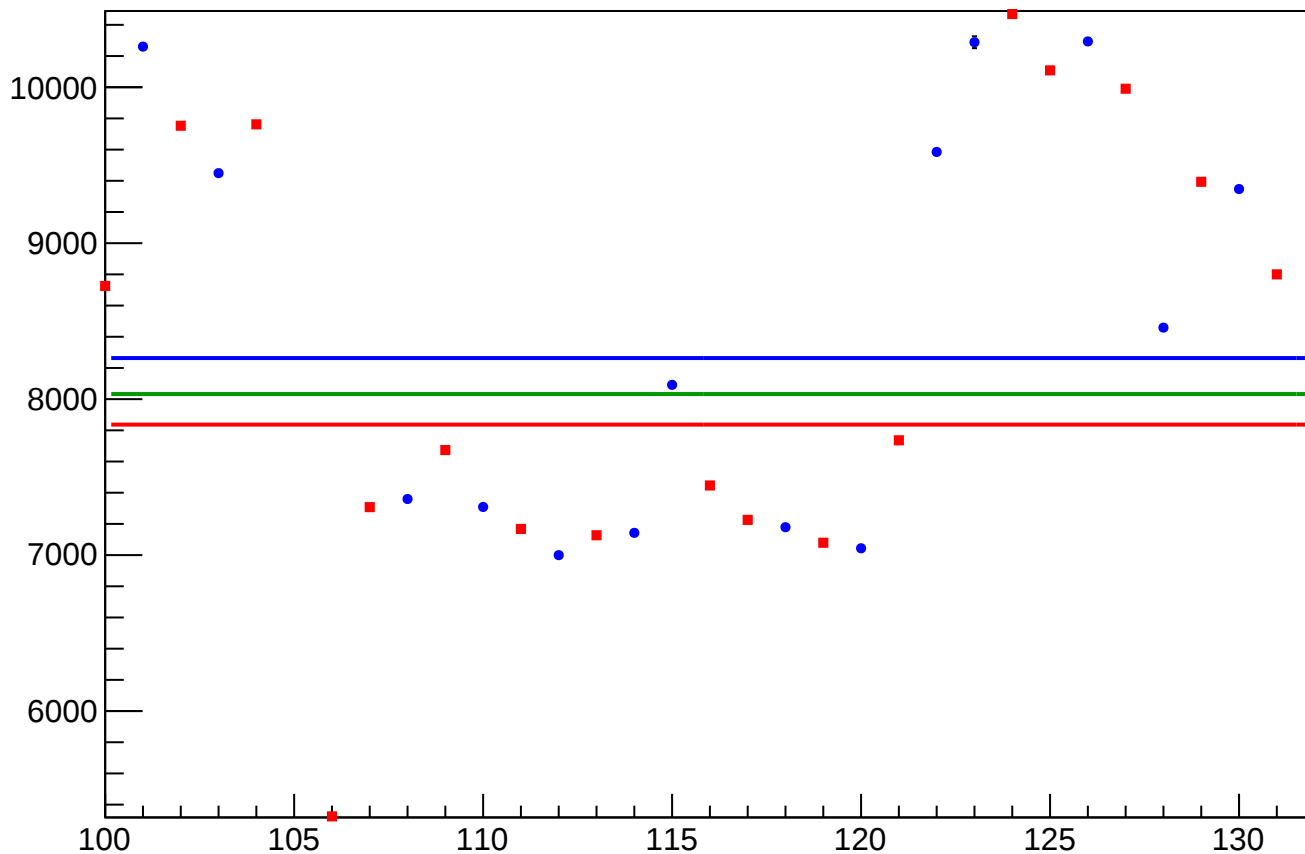
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

24.979+/-3.505 χ^2 /NDF: 51.8/14

16.754+/-2.376 χ^2 /NDF: 88.8/31

9.764+/-3.231 χ^2 /NDF: 26.9/16

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8263.406 $\pm$ 2.479 χ^2 /NDF: 248033.6/14

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

Right Out: 7836.697 $\pm$ 2.285 χ^2 /NDF: 374767.9/16

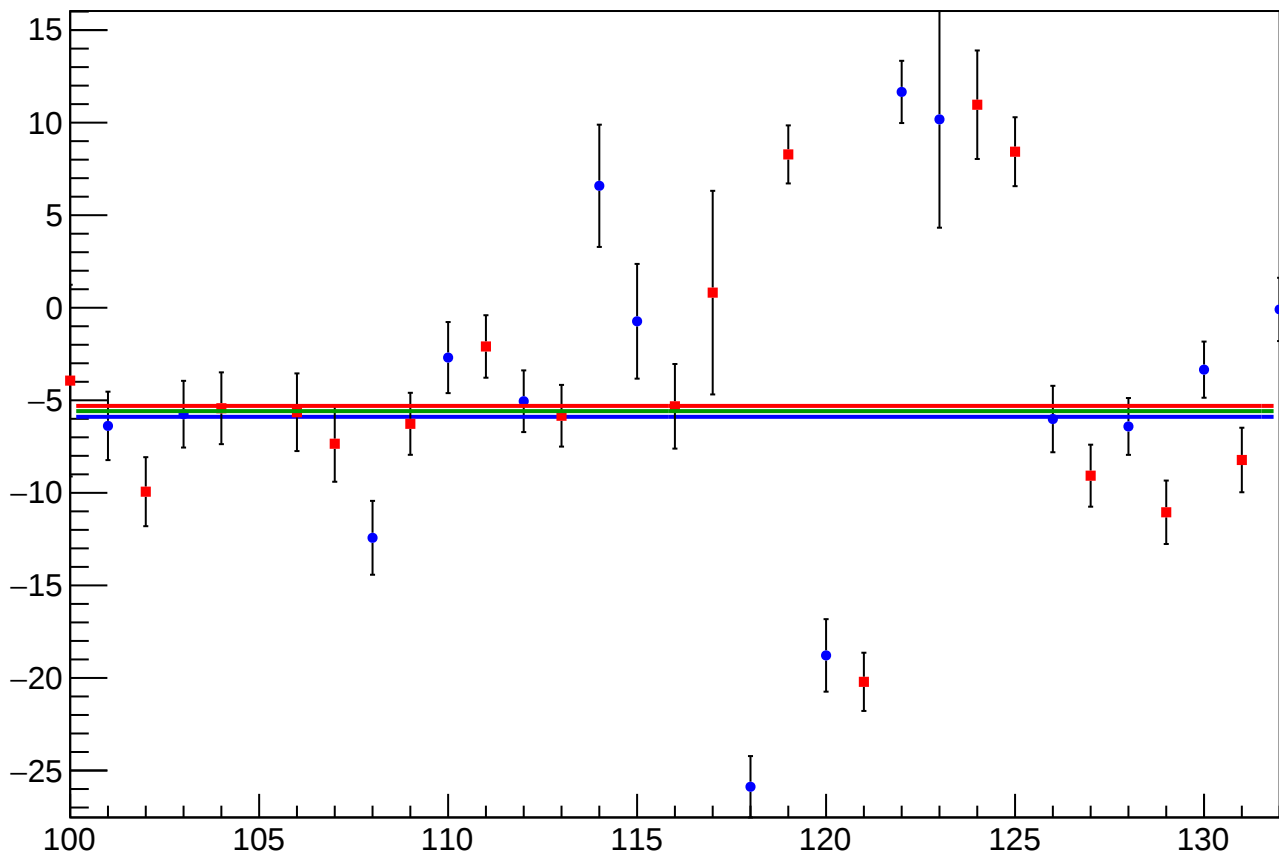
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8263.406 $\pm$ 2.479 χ^2 /NDF: 248033.6/14

8032.715 $\pm$ 1.680 χ^2 /NDF: 638825.5/31

7836.697 $\pm$ 2.285 χ^2 /NDF: 374767.9/16

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.893+/-0.488 χ^2/NDF : 350.6/14

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

Right Out: -5.303+/-0.467 χ^2/NDF : 281.8/16

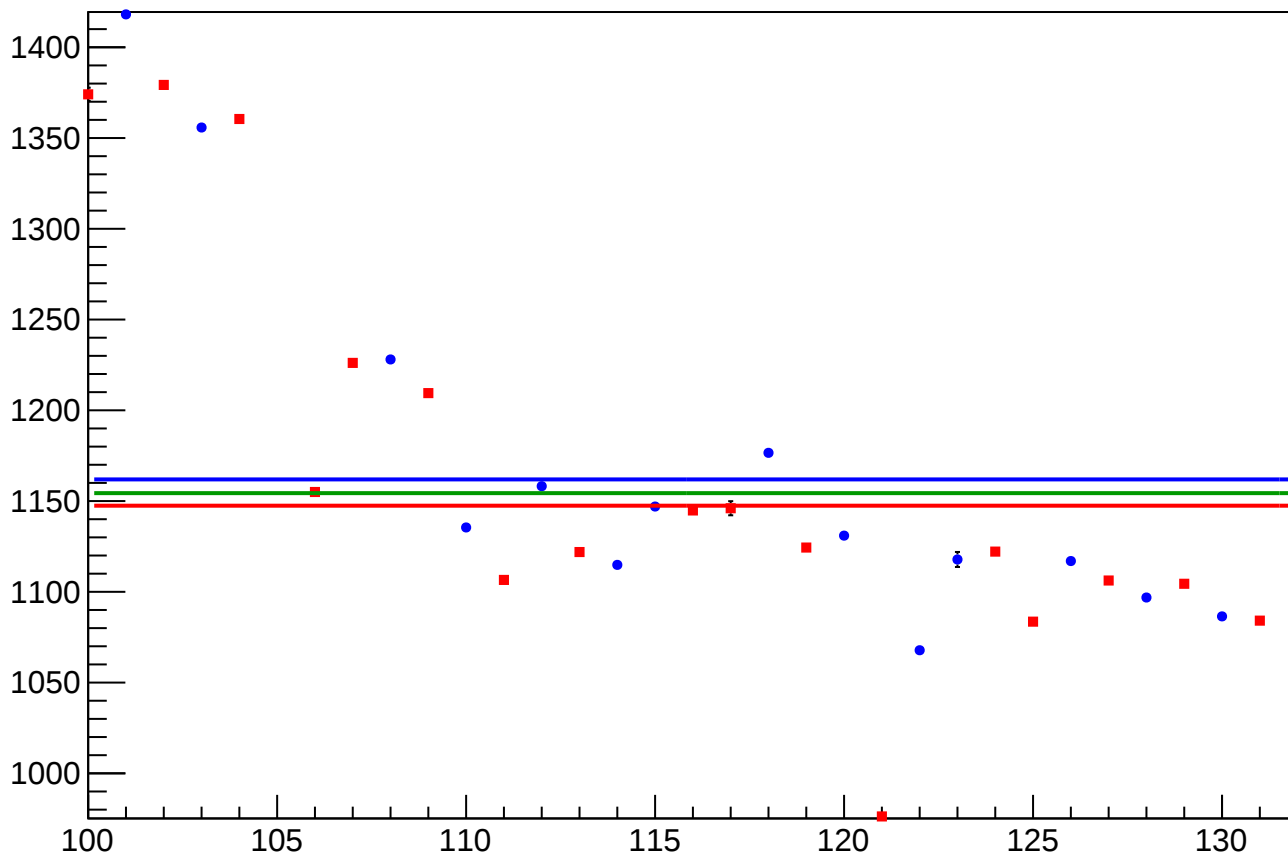
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.893+/-0.488 χ^2/NDF : 350.6/14

-5.584+/-0.337 χ^2/NDF : 633.2/31

-5.303+/-0.467 χ^2/NDF : 281.8/16

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1161.929 $\pm$ 0.345 χ^2 /NDF: 85163.4/14

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

Right Out: 1147.451 $\pm$ 0.330 χ^2 /NDF: 97981.8/16

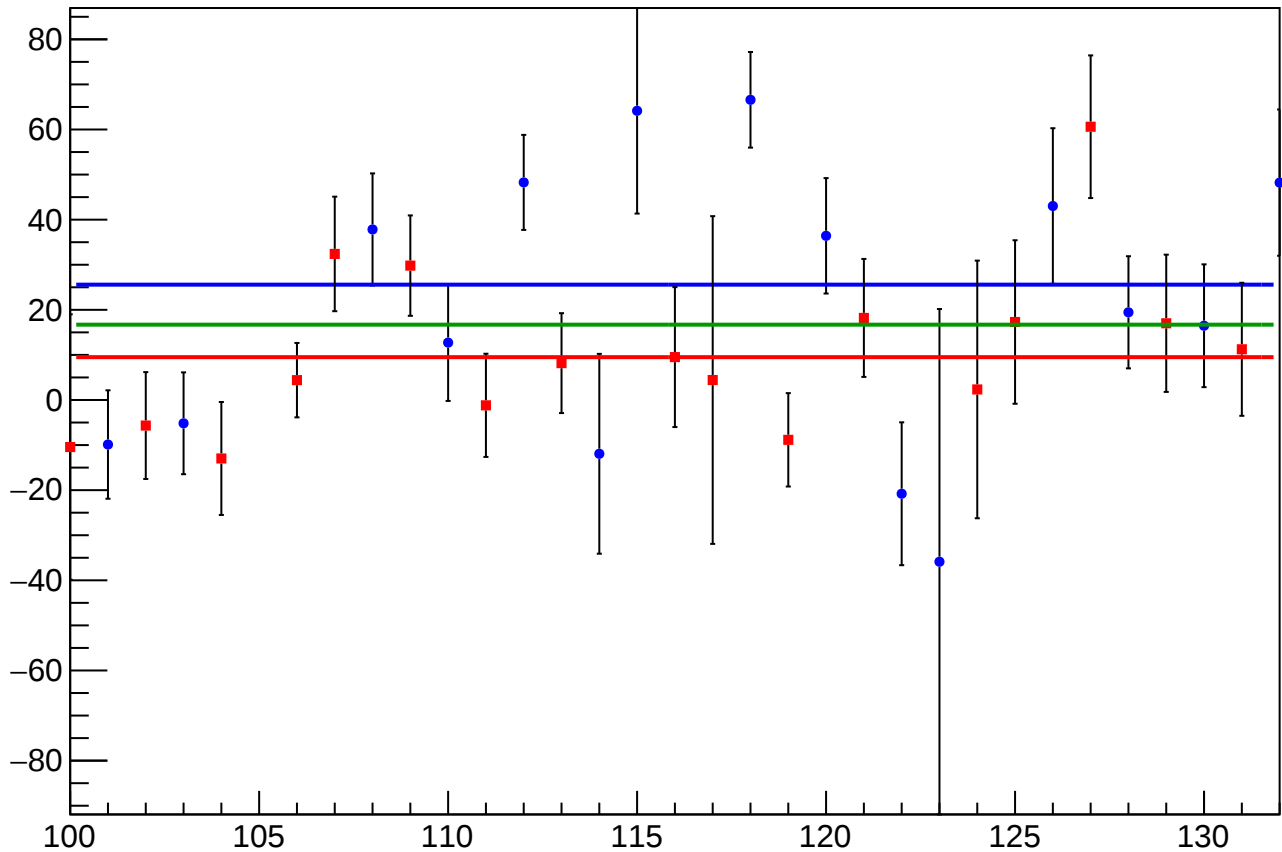
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1161.929 $\pm$ 0.345 χ^2 /NDF: 85163.4/14

1154.368 $\pm$ 0.239 χ^2 /NDF: 184064.3/31

1147.451 $\pm$ 0.330 χ^2 /NDF: 97981.8/16

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.585 $\pm$ 3.570 χ^2 /NDF: 57.5/14

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

Right Out: 9.501 $\pm$ 3.217 χ^2 /NDF: 27.7/16

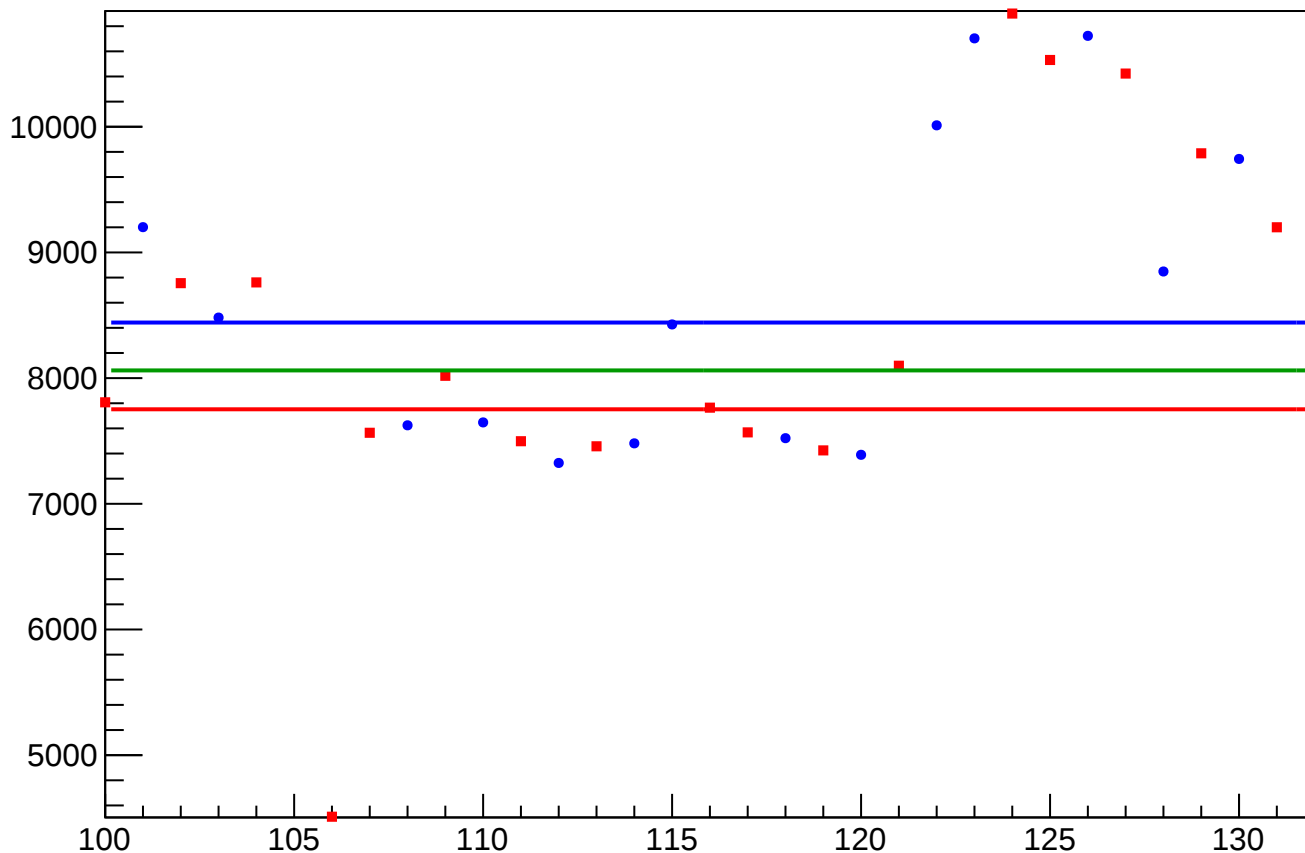
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.585 $\pm$ 3.570 χ^2 /NDF: 57.5/14

16.709 $\pm$ 2.390 χ^2 /NDF: 96.4/31

9.501 $\pm$ 3.217 χ^2 /NDF: 27.7/16

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8442.221+/-2.524 χ^2/NDF : 181856.9/14

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

Right Out: 7751.984+/-2.275 χ^2/NDF : 526776.5/16

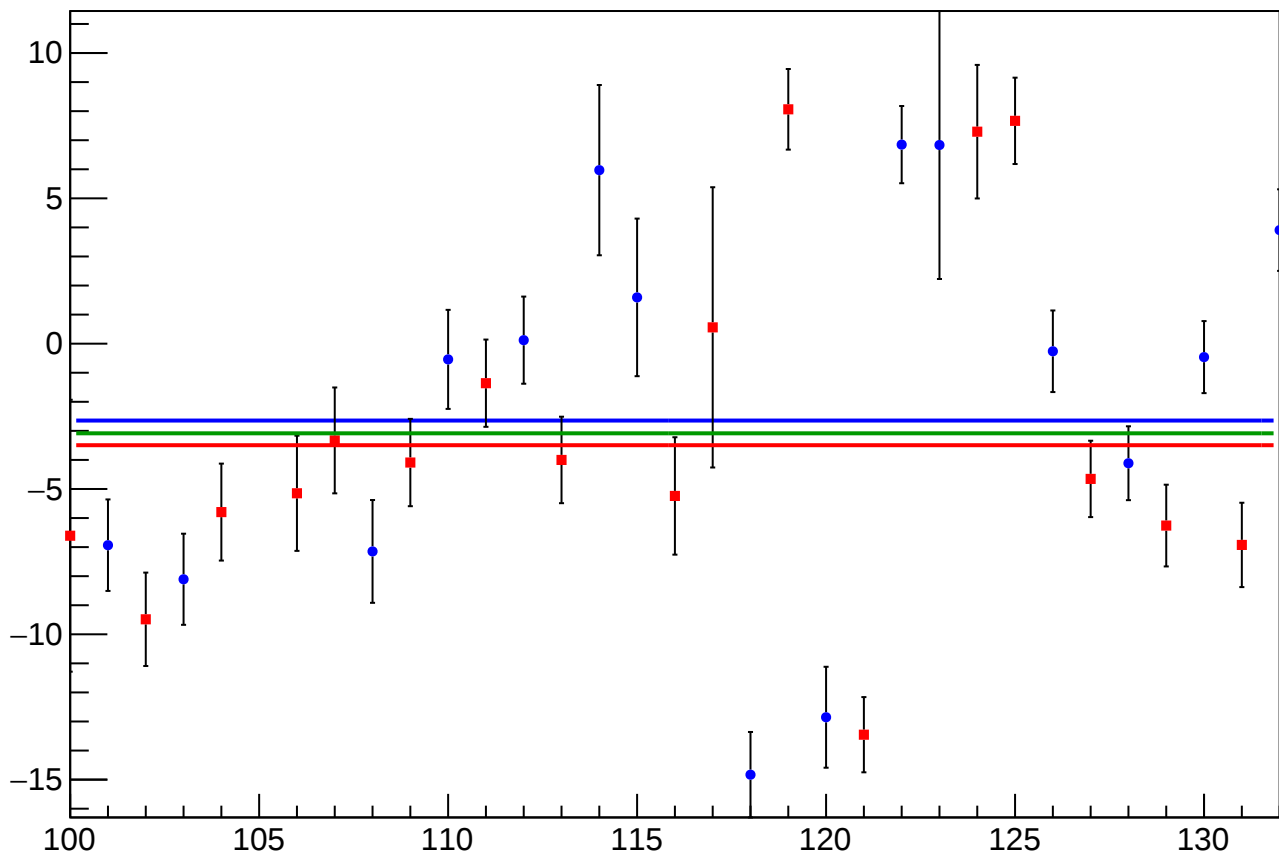
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8442.221+/-2.524 χ^2/NDF : 181856.9/14

8061.309+/-1.690 χ^2/NDF : 749890.6/31

7751.984+/-2.275 χ^2/NDF : 526776.5/16

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.645+/-0.413 χ^2 /NDF: 229.7/14

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

Right Out: -3.494+/-0.399 χ^2 /NDF: 238.1/16

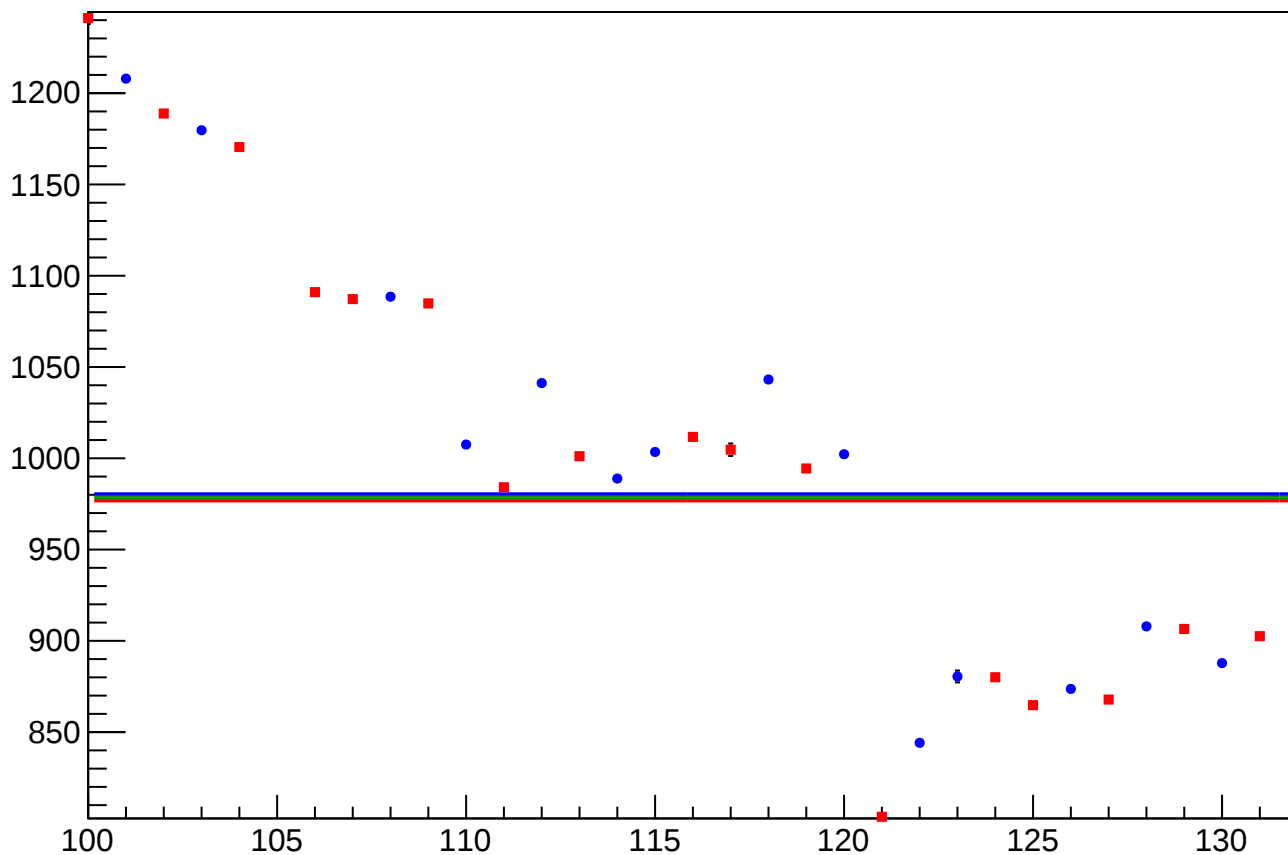
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.645+/-0.413 χ^2 /NDF: 229.7/14

-3.084+/-0.287 χ^2 /NDF: 470.0/31

-3.494+/-0.399 χ^2 /NDF: 238.1/16

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 980.278+/-0.292 χ^2/NDF : 148275.6/14

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

Right Out: 976.938+/-0.282 χ^2/NDF : 168815.0/16

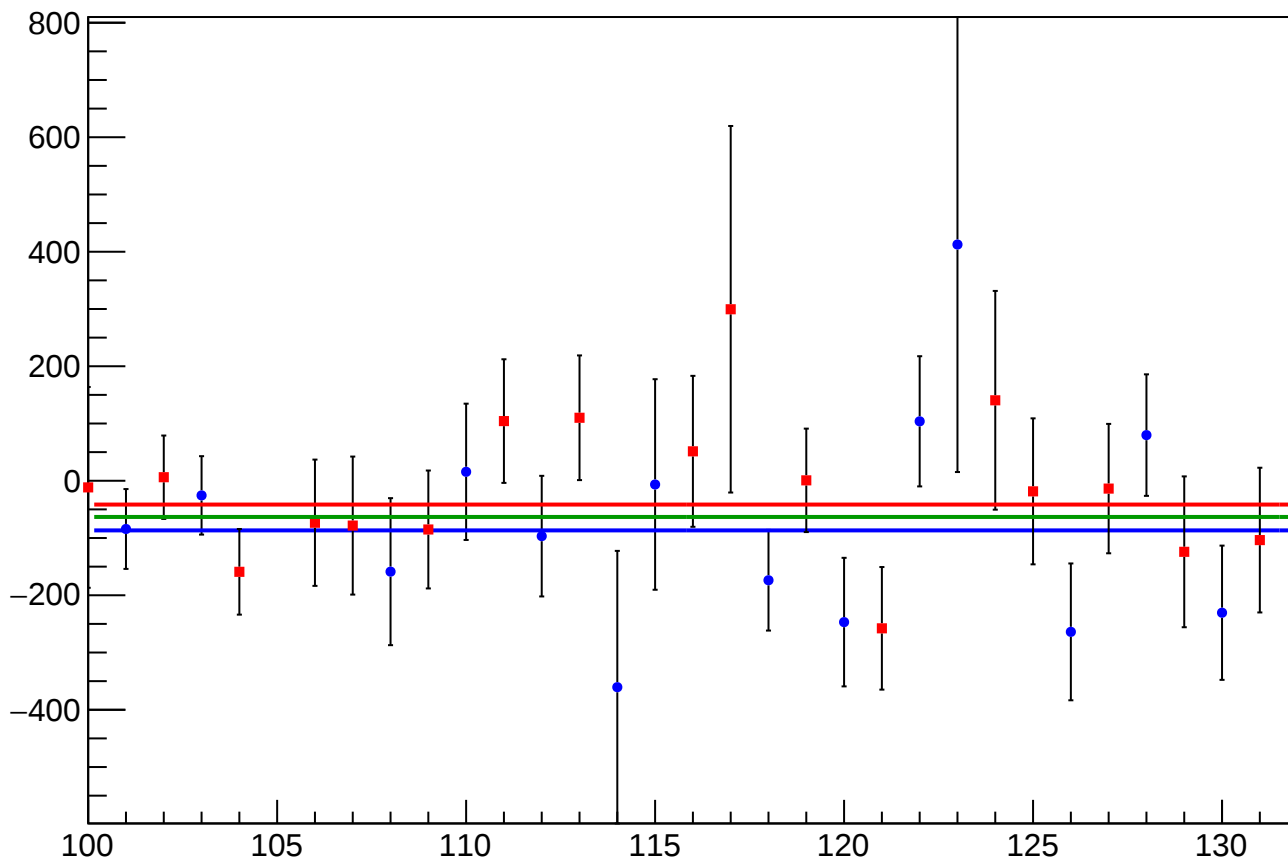
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

980.278+/-0.292 χ^2/NDF : 148275.6/14

978.549+/-0.203 χ^2/NDF : 317158.3/31

976.938+/-0.282 χ^2/NDF : 168815.0/16

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -86.694 $\pm$ 28.049 χ^2/NDF : 17.0/14

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

Right Out: -41.572 $\pm$ 26.919 χ^2/NDF : 14.6/16

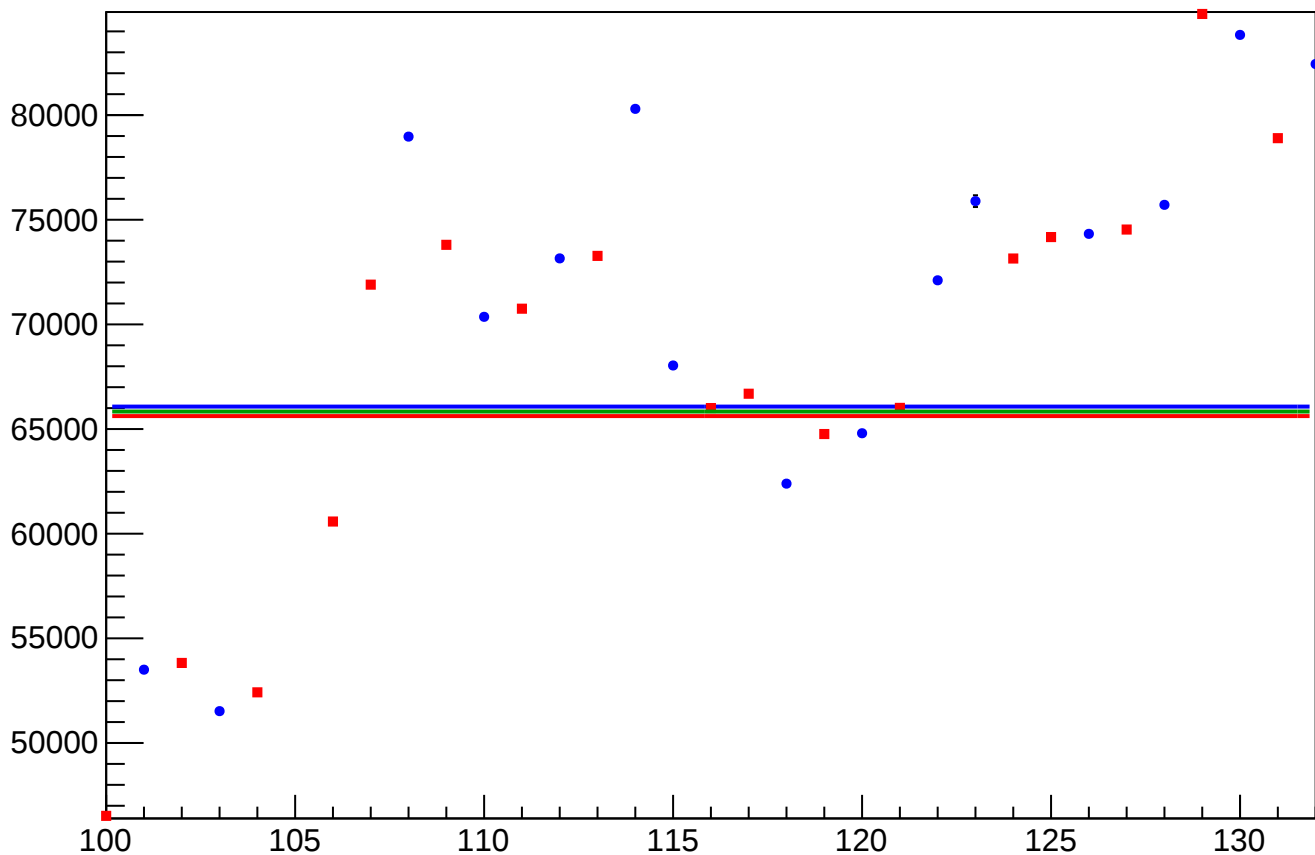
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-86.694 $\pm$ 28.049 χ^2/NDF : 17.0/14

-63.205 $\pm$ 19.422 χ^2/NDF : 32.9/31

-41.572 $\pm$ 26.919 χ^2/NDF : 14.6/16

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 66072.549 $\pm$ 19.833 χ^2/NDF : 308972.7/14

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

Right Out: 65619.390 $\pm$ 19.034 χ^2/NDF : 264564.2/16

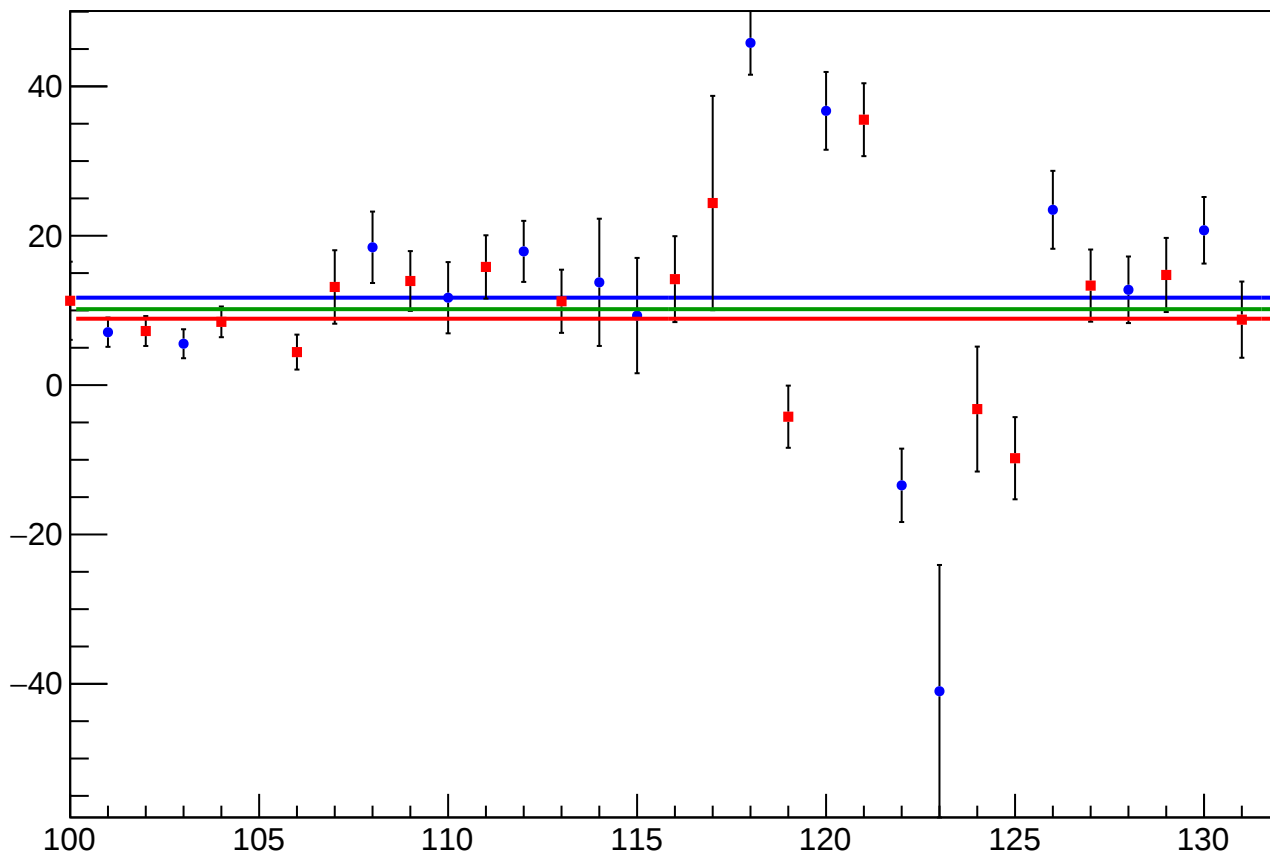
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

66072.549 $\pm$ 19.833 χ^2/NDF : 308972.7/14

65836.659 $\pm$ 13.733 χ^2/NDF : 573808.7/3

65619.390 $\pm$ 19.034 χ^2/NDF : 264564.2/16

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.708 $\pm$ 0.991 χ^2/NDF : 154.8/14

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

Right Out: 8.889 $\pm$ 0.904 χ^2/NDF : 67.5/16

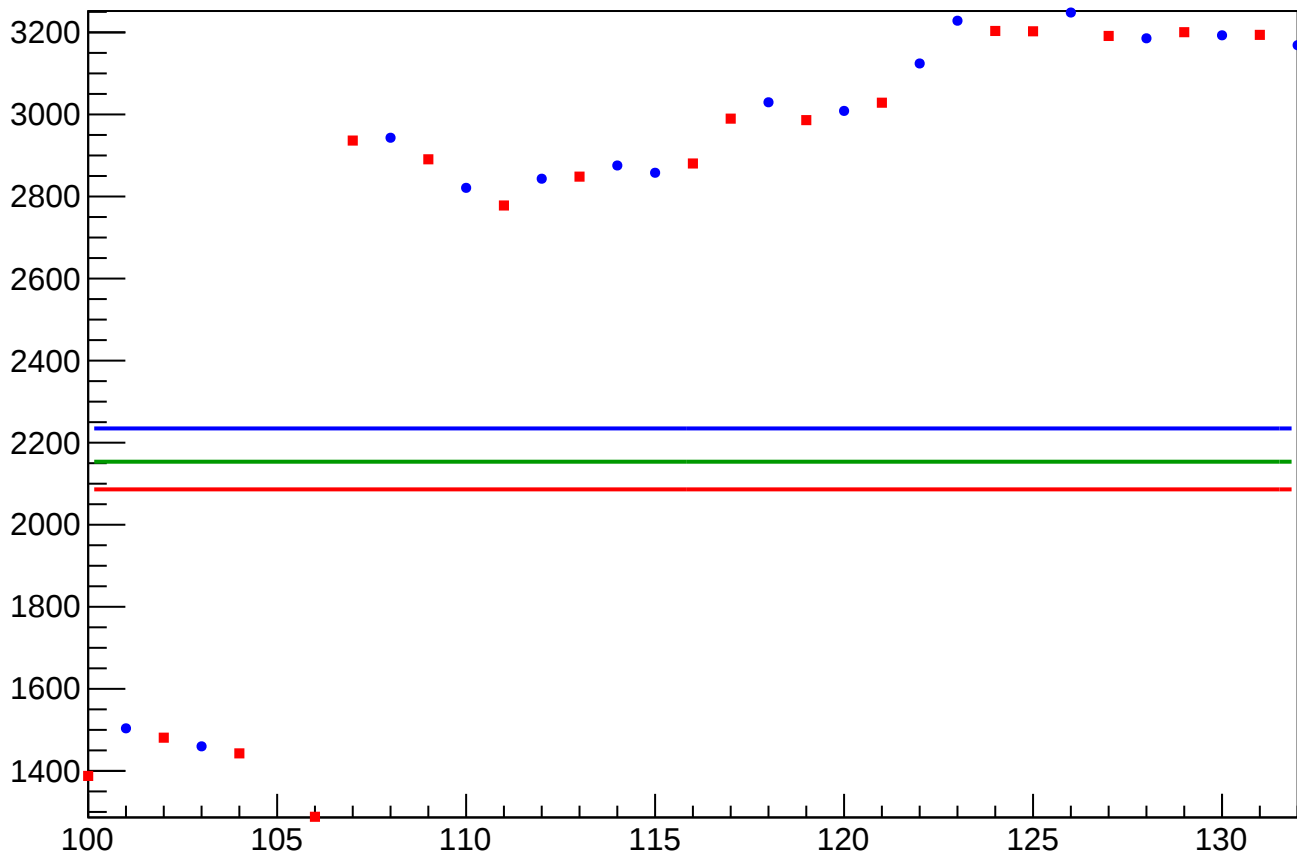
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

11.708 $\pm$ 0.991 χ^2/NDF : 154.8/14

10.169 $\pm$ 0.668 χ^2/NDF : 226.8/31

8.889 $\pm$ 0.904 χ^2/NDF : 67.5/16

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2234.709+/-0.701 χ^2 /NDF: 1255460.0/14

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

Right Out: 2086.176+/-0.639 χ^2 /NDF: 1537528.2/16

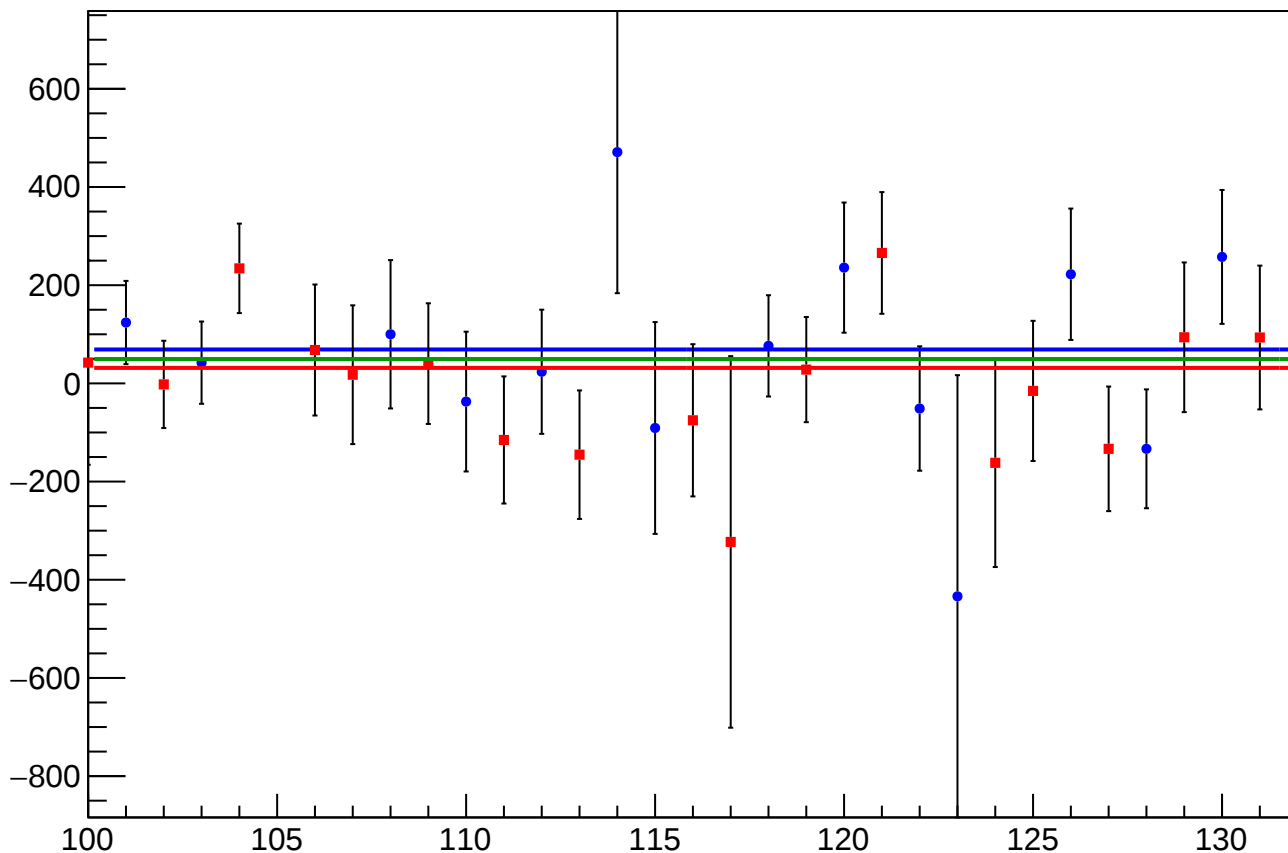
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2234.709+/-0.701 χ^2 /NDF: 1255460.0/14

2153.629+/-0.472 χ^2 /NDF: 2817522.1/31

2086.176+/-0.639 χ^2 /NDF: 1537528.2/16

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 69.074 $\pm$ 33.103 χ^2 /NDF: 13.8/14

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

Right Out: 31.555 $\pm$ 31.872 χ^2 /NDF: 16.2/16

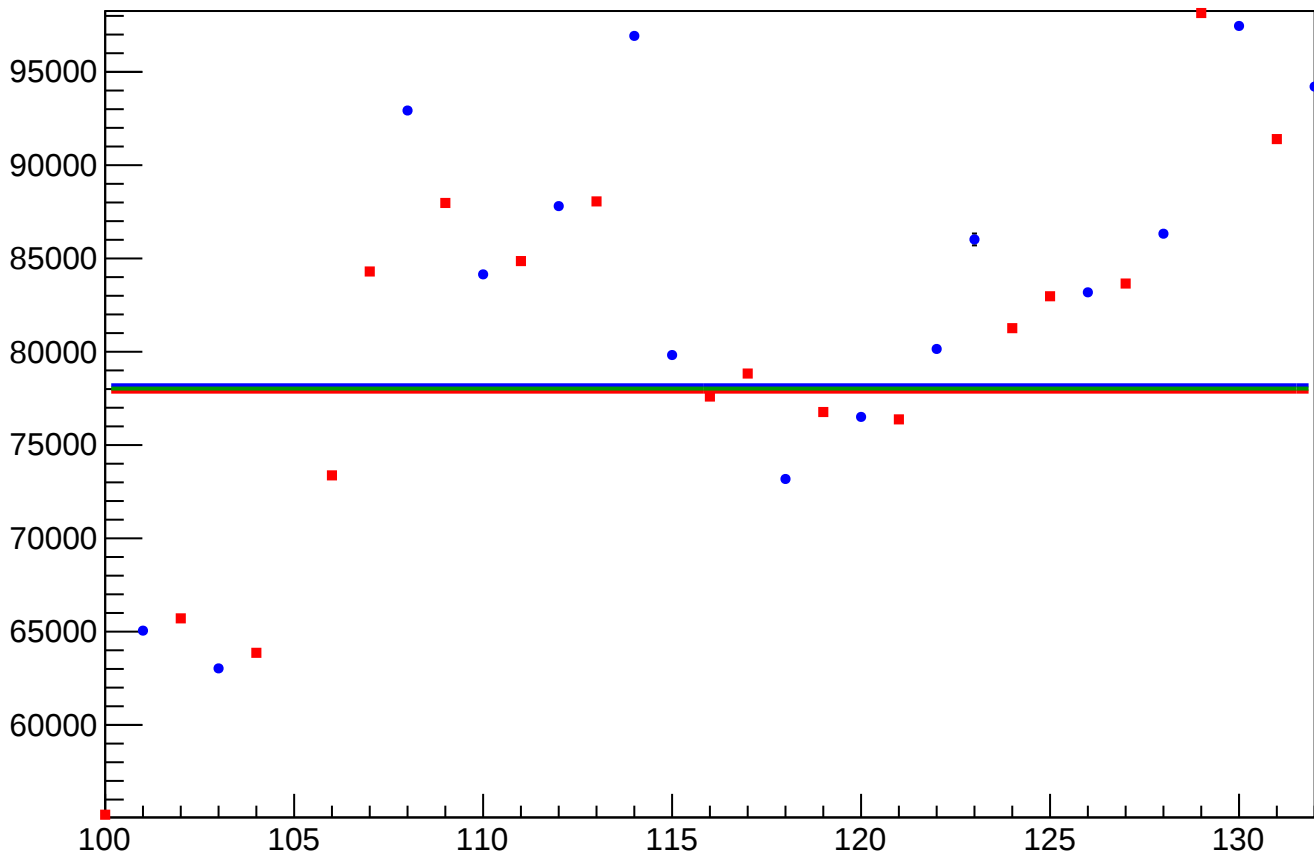
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

69.074 $\pm$ 33.103 χ^2 /NDF: 13.8/14

49.604 $\pm$ 22.960 χ^2 /NDF: 30.6/31

31.555 $\pm$ 31.872 χ^2 /NDF: 16.2/16

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 78204.247+/-23.408 χ^2/NDF : 237527.3/14

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

Right Out: 77861.825+/-22.537 χ^2/NDF : 206519.9/16

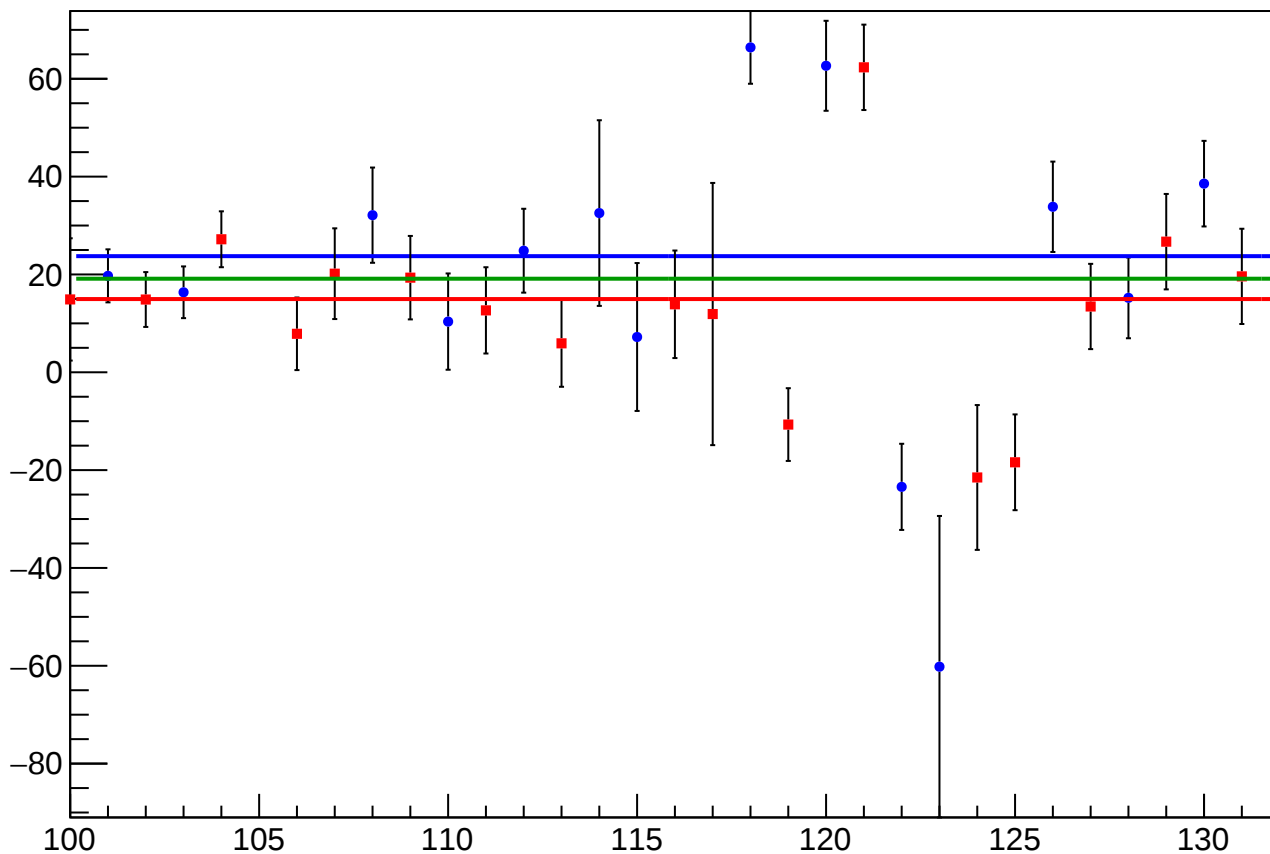
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

78204.247+/-23.408 χ^2/NDF : 237527.3/14

78026.546+/-16.235 χ^2/NDF : 444158.3/3

77861.825+/-22.537 χ^2/NDF : 206519.9/16

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 23.740 $\pm$ 2.204 χ^2 /NDF: 103.8/14

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

Right Out: 14.969 $\pm$ 2.094 χ^2 /NDF: 68.0/16

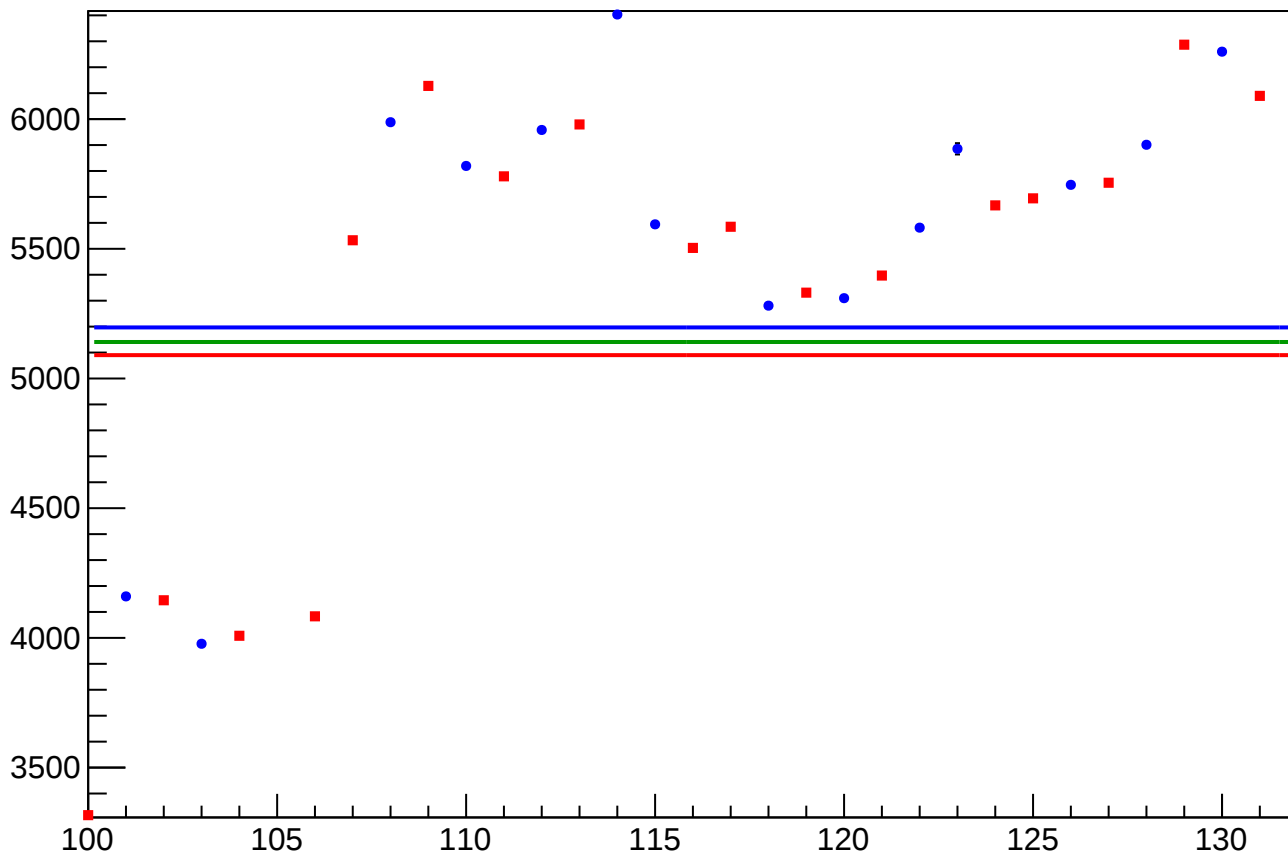
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.740 $\pm$ 2.204 χ^2 /NDF: 103.8/14

19.130 $\pm$ 1.518 χ^2 /NDF: 180.0/31

14.969 $\pm$ 2.094 χ^2 /NDF: 68.0/16

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 5196.884 $\pm$ 1.559 χ^2/NDF : 298905.5/14

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

Right Out: 5090.063 $\pm$ 1.481 χ^2/NDF : 353633.0/16

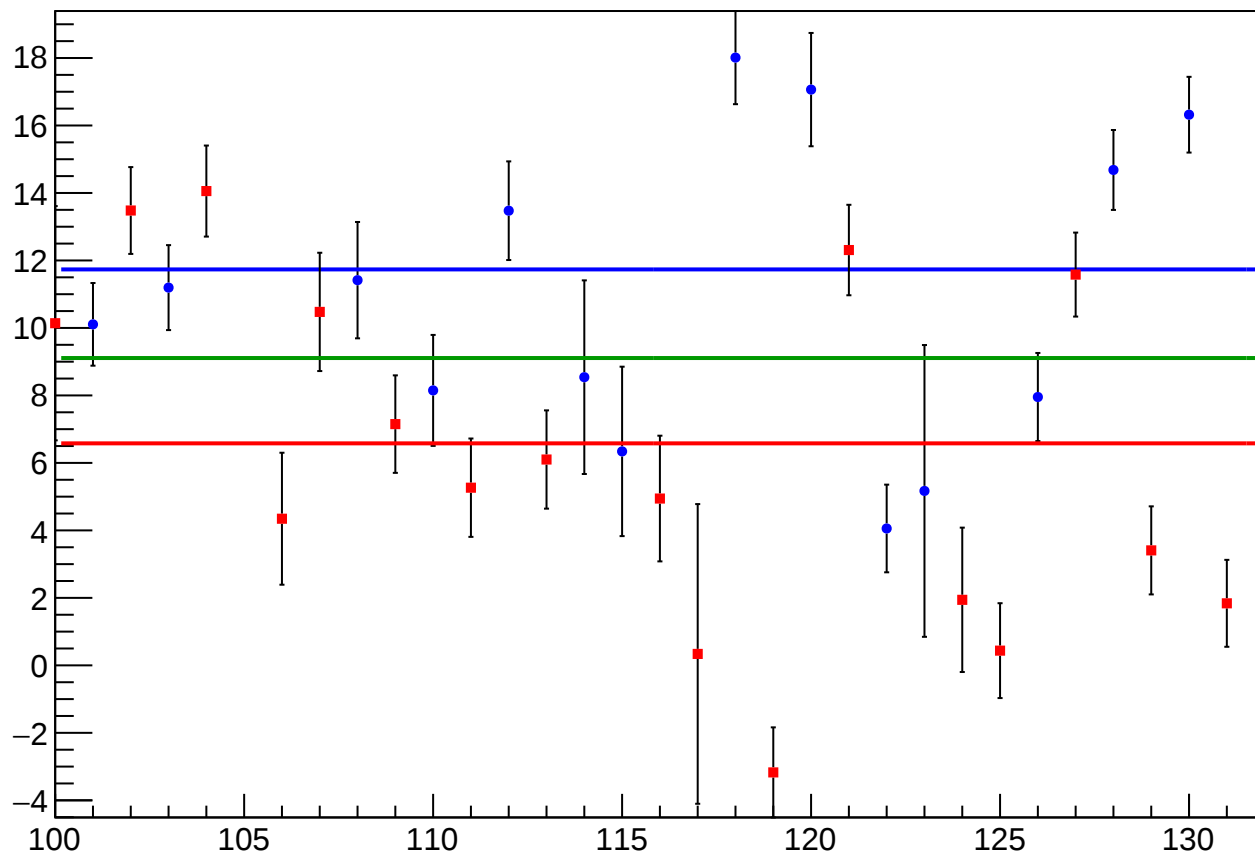
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5196.884 $\pm$ 1.559 χ^2/NDF : 298905.5/14

5140.735 $\pm$ 1.074 χ^2/NDF : 655007.0/31

5090.063 $\pm$ 1.481 χ^2/NDF : 353633.0/16

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.734 $\pm$ 0.378 χ^2 /NDF: 113.7/14

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

Right Out: 6.580 $\pm$ 0.371 χ^2 /NDF: 201.6/16

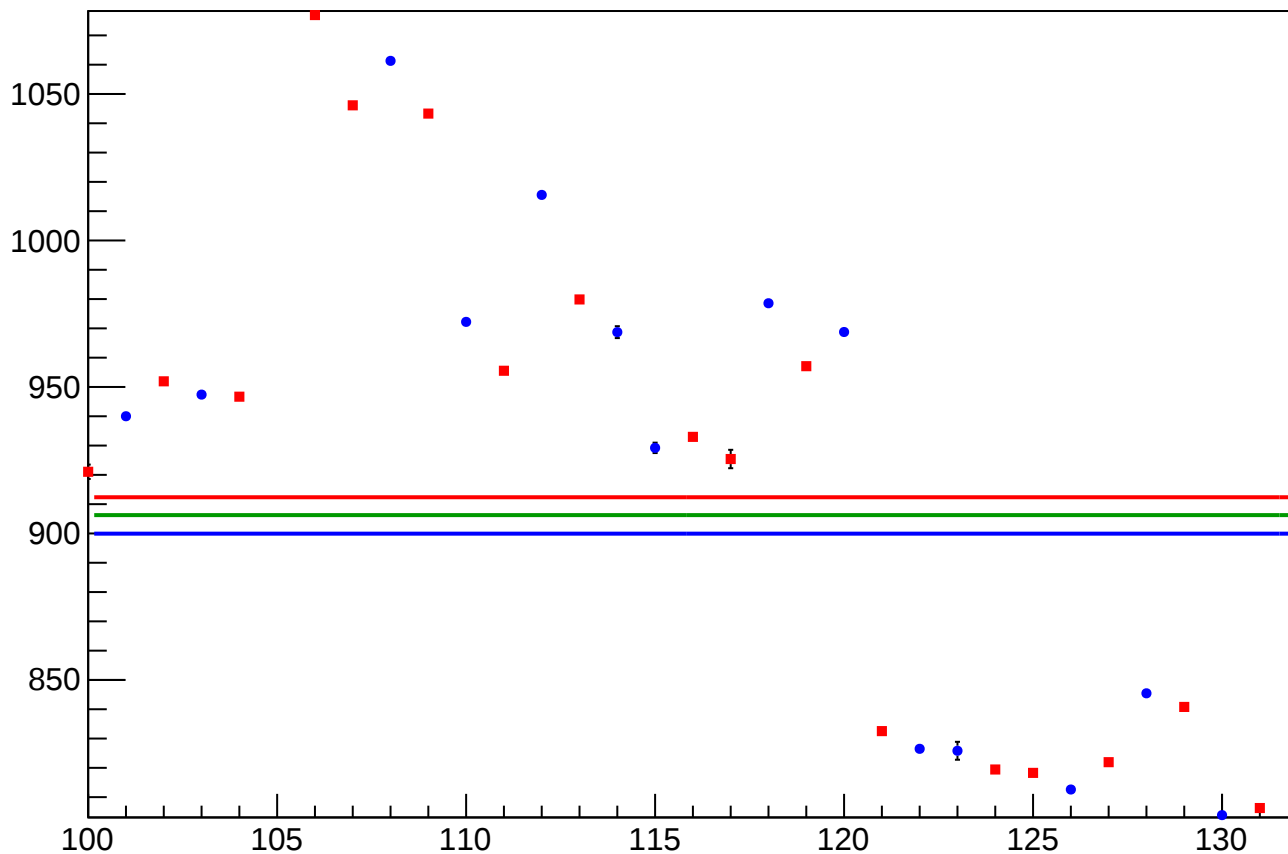
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.734 $\pm$ 0.378 χ^2 /NDF: 113.7/14

9.108 $\pm$ 0.265 χ^2 /NDF: 410.0/31

6.580 $\pm$ 0.371 χ^2 /NDF: 201.6/16

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 899.933+/-0.267 χ^2/NDF : 95299.1/14

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

Right Out: 912.359+/-0.262 χ^2/NDF : 103954.7/16

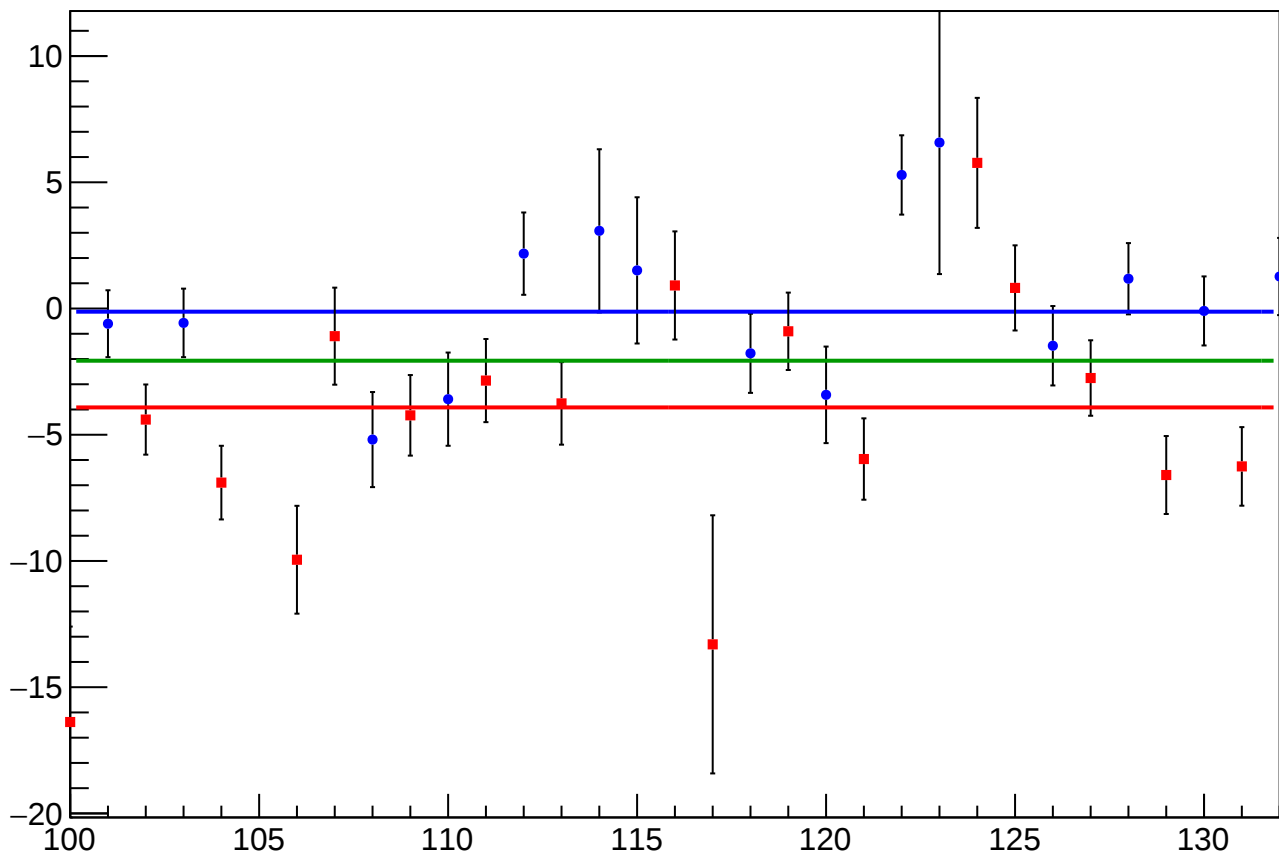
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

899.933+/-0.267 χ^2/NDF : 95299.1/14

906.263+/-0.187 χ^2/NDF : 200353.8/31

912.359+/-0.262 χ^2/NDF : 103954.7/16

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.125 $\pm$ 0.436 χ^2/NDF : 34.3/14

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

Right Out: -3.918 $\pm$ 0.425 χ^2/NDF : 67.6/16

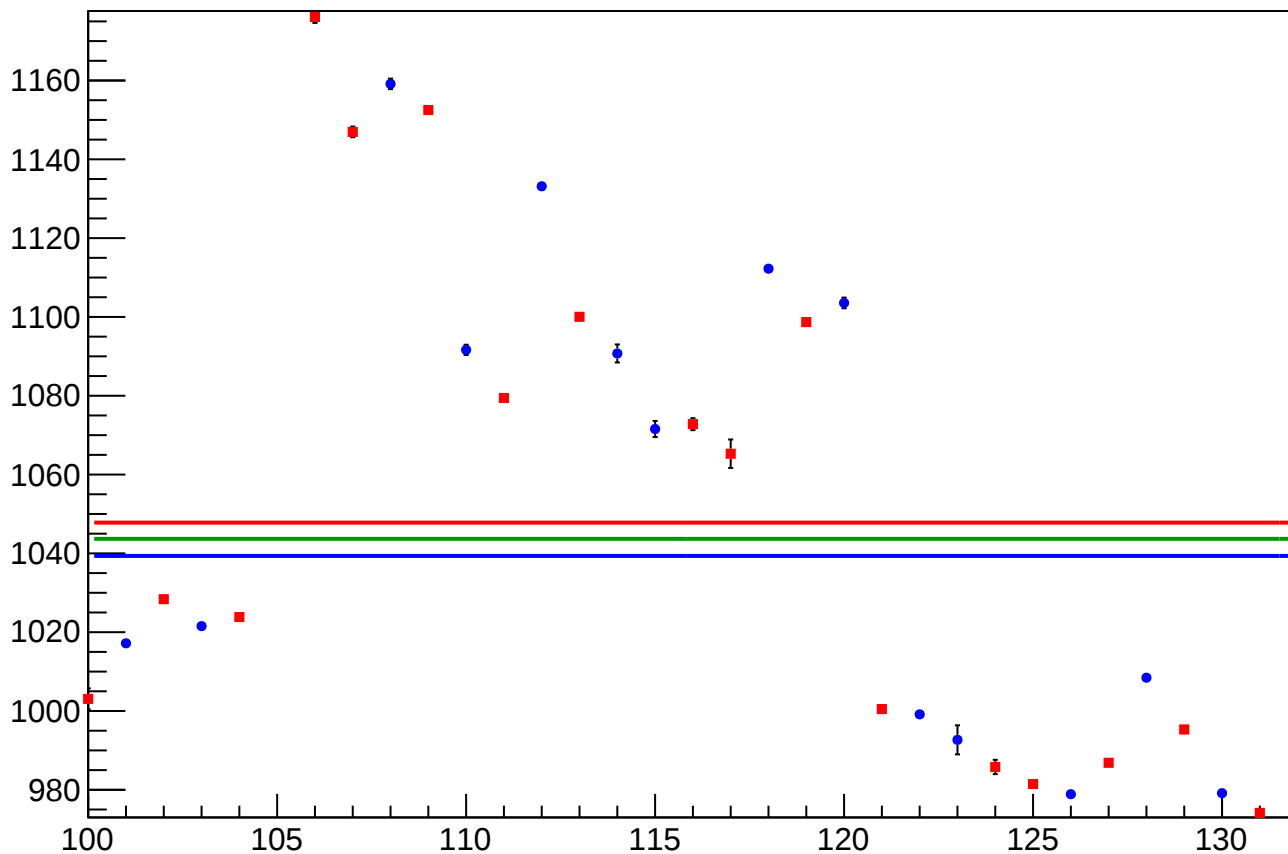
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.125 $\pm$ 0.436 χ^2/NDF : 34.3/14

-2.068 $\pm$ 0.304 χ^2/NDF : 140.7/31

-3.918 $\pm$ 0.425 χ^2/NDF : 67.6/16

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1039.354 ± 0.308 χ^2/NDF : 37453.0/14

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

Right Out: 1047.812 ± 0.301 χ^2/NDF : 43733.0/16

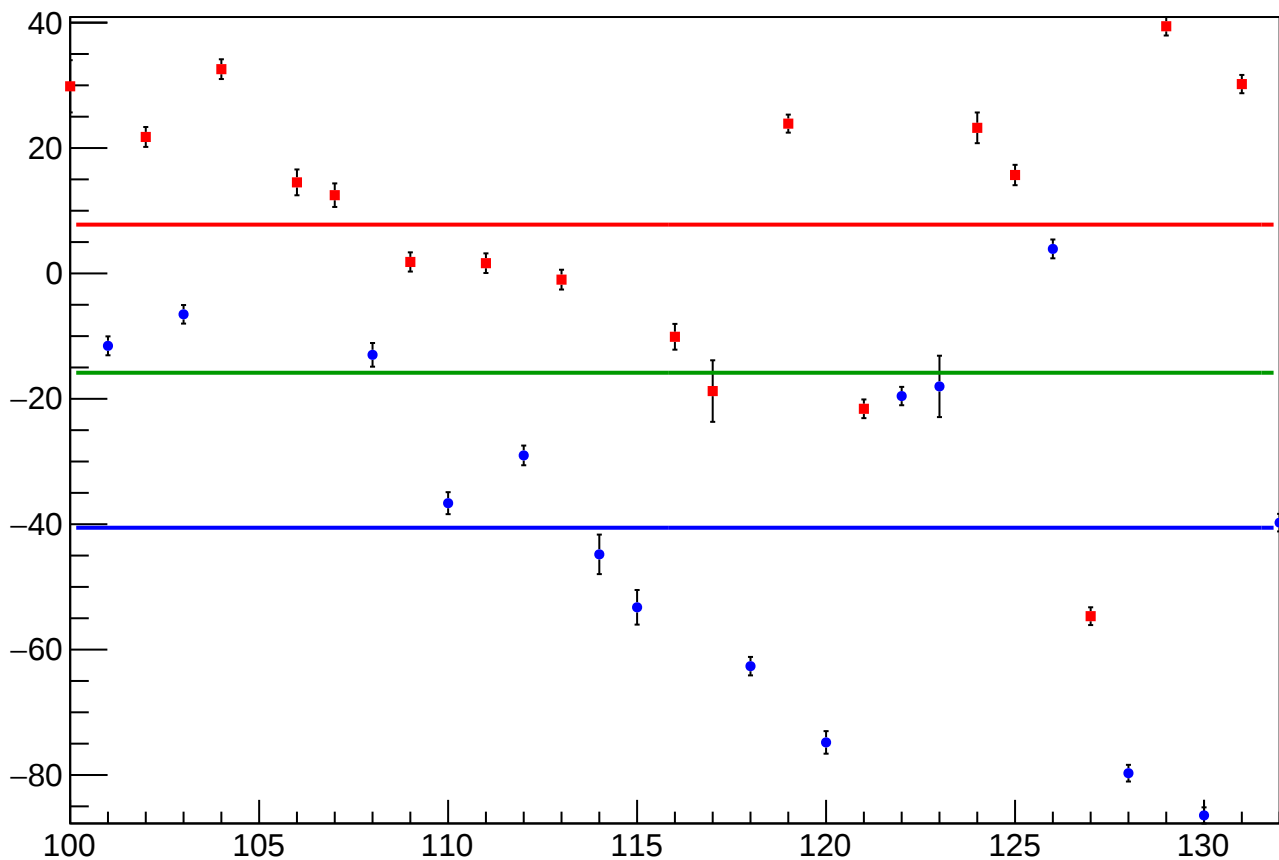
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1039.354 ± 0.308 χ^2/NDF : 37453.0/14

1043.686 ± 0.215 χ^2/NDF : 81572.2/31

1047.812 ± 0.301 χ^2/NDF : 43733.0/16

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -40.561+/-0.425 χ^2/NDF : 5028.5/14

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

Right Out: 7.784+/-0.415 χ^2/NDF : 3750.3/16

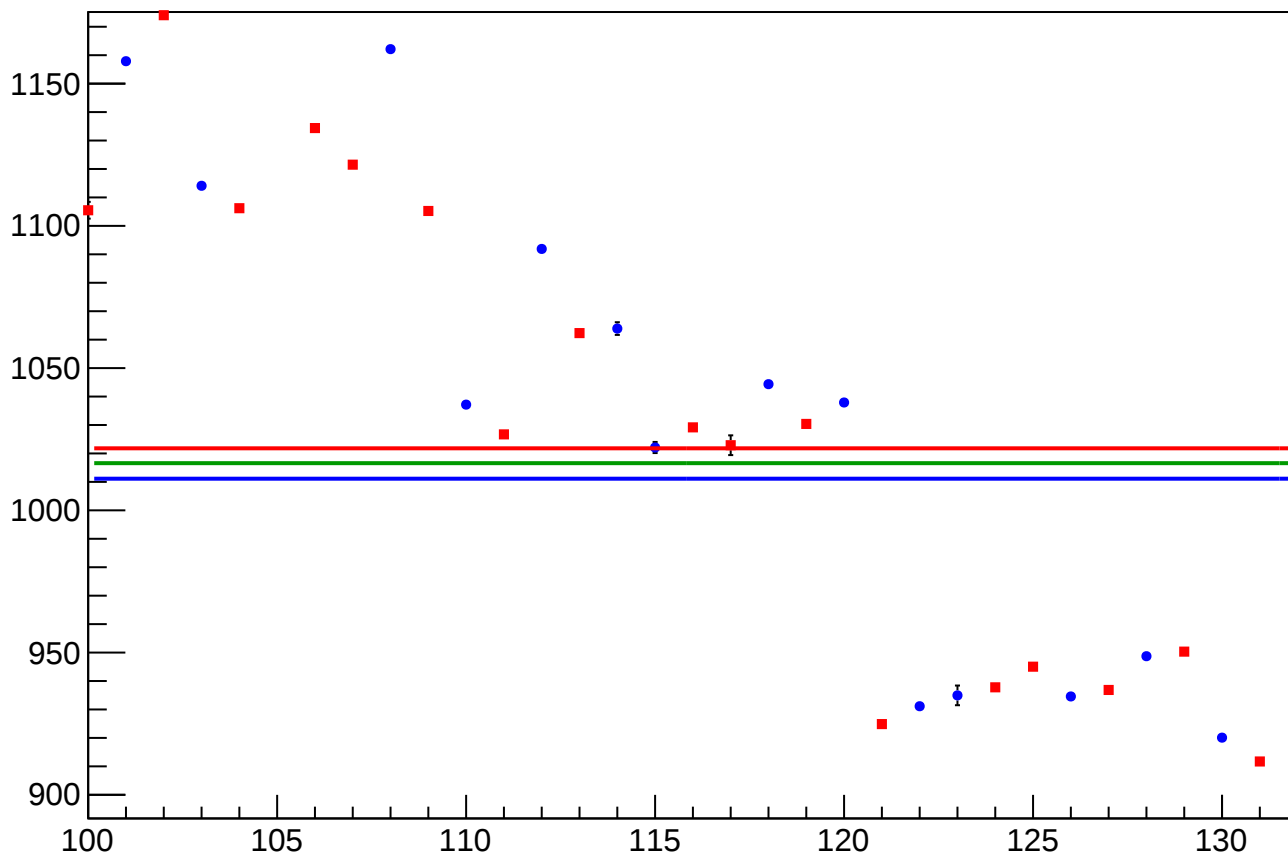
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-40.561+/-0.425 χ^2/NDF : 5028.5/14

-15.840+/-0.297 χ^2/NDF : 15402.0/31

7.784+/-0.415 χ^2/NDF : 3750.3/16

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1011.122+/-0.300 χ^2/NDF : 89569.4/14

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

Right Out: 1021.803+/-0.294 χ^2/NDF : 82511.1/16

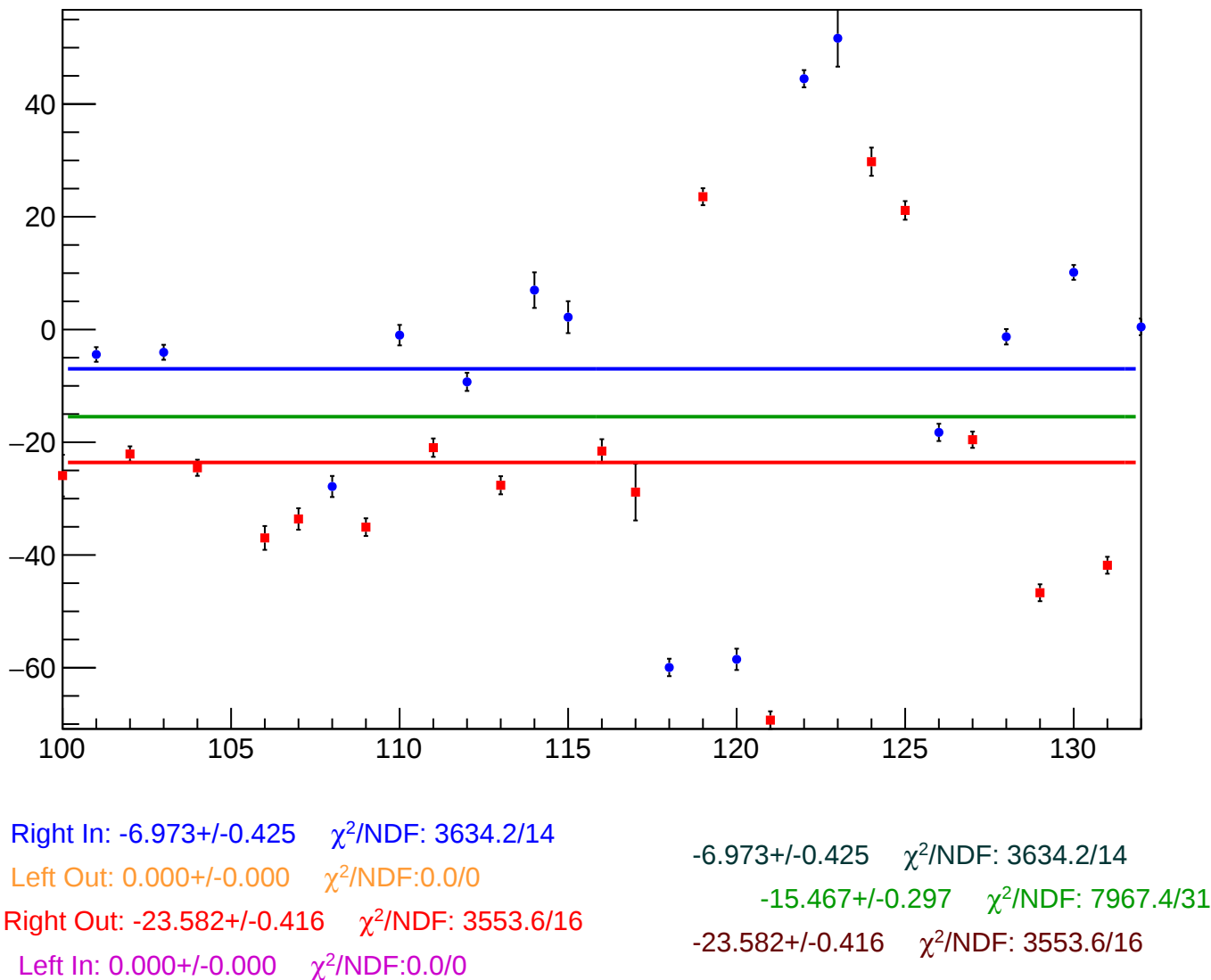
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1011.122+/-0.300 χ^2/NDF : 89569.4/14

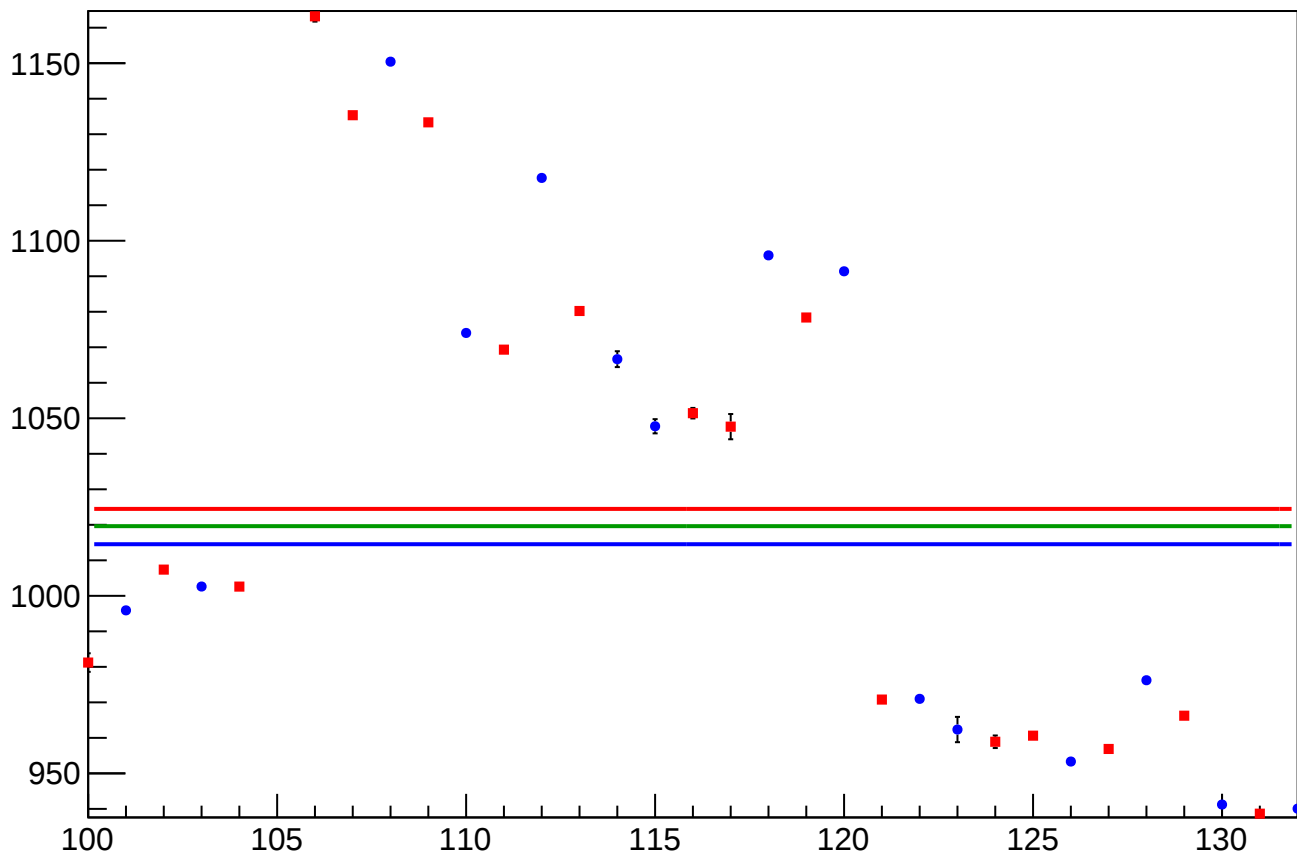
1016.584+/-0.210 χ^2/NDF : 172727.0/31

1021.803+/-0.294 χ^2/NDF : 82511.1/16

diff_bpm2i02Y_mean vs Slug, Sign Corrected



diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1014.536 $\pm$ 0.301 χ^2/NDF : 49115.5/14

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

Right Out: 1024.483 $\pm$ 0.294 χ^2/NDF : 53619.6/16

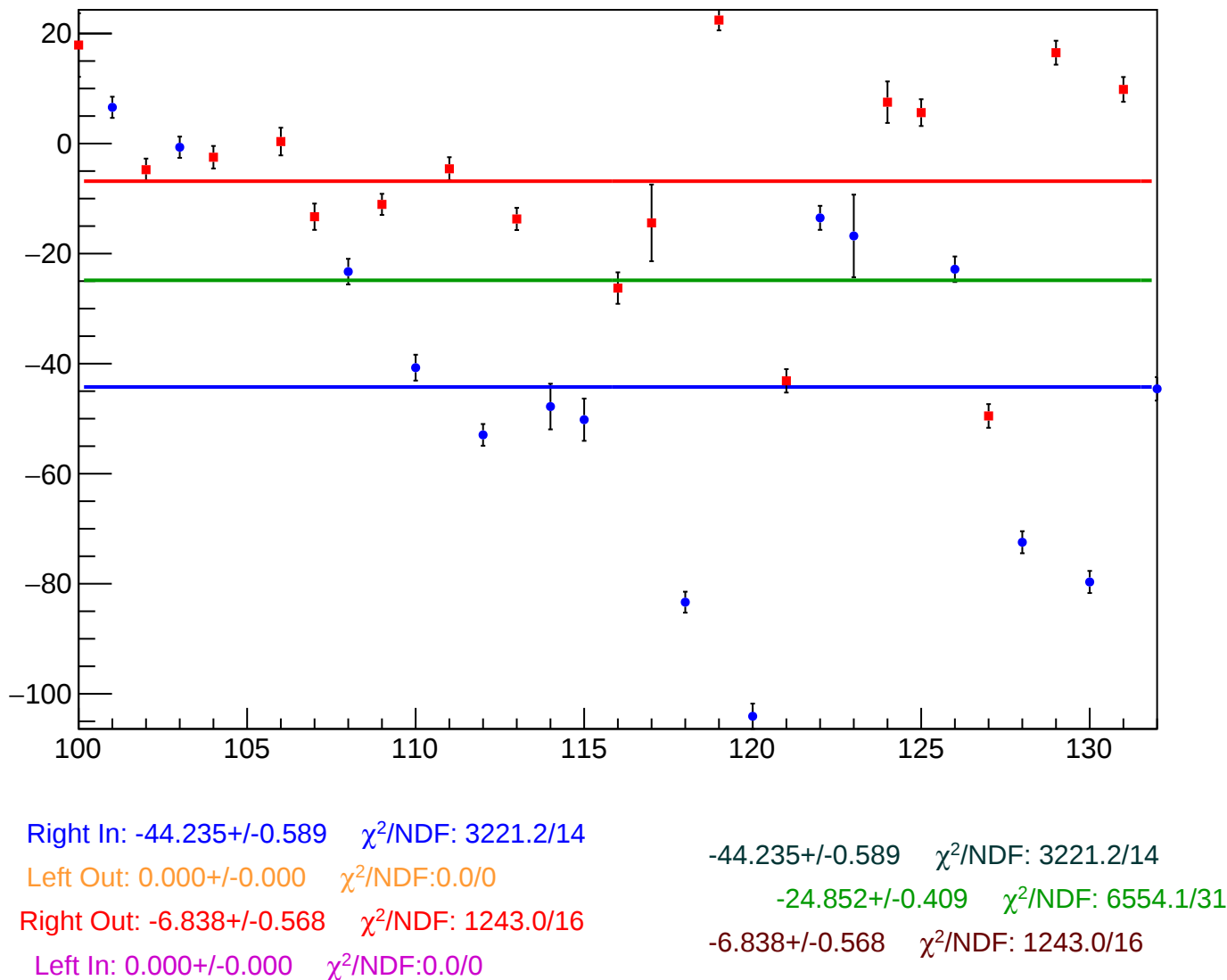
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1014.536 $\pm$ 0.301 χ^2/NDF : 49115.5/14

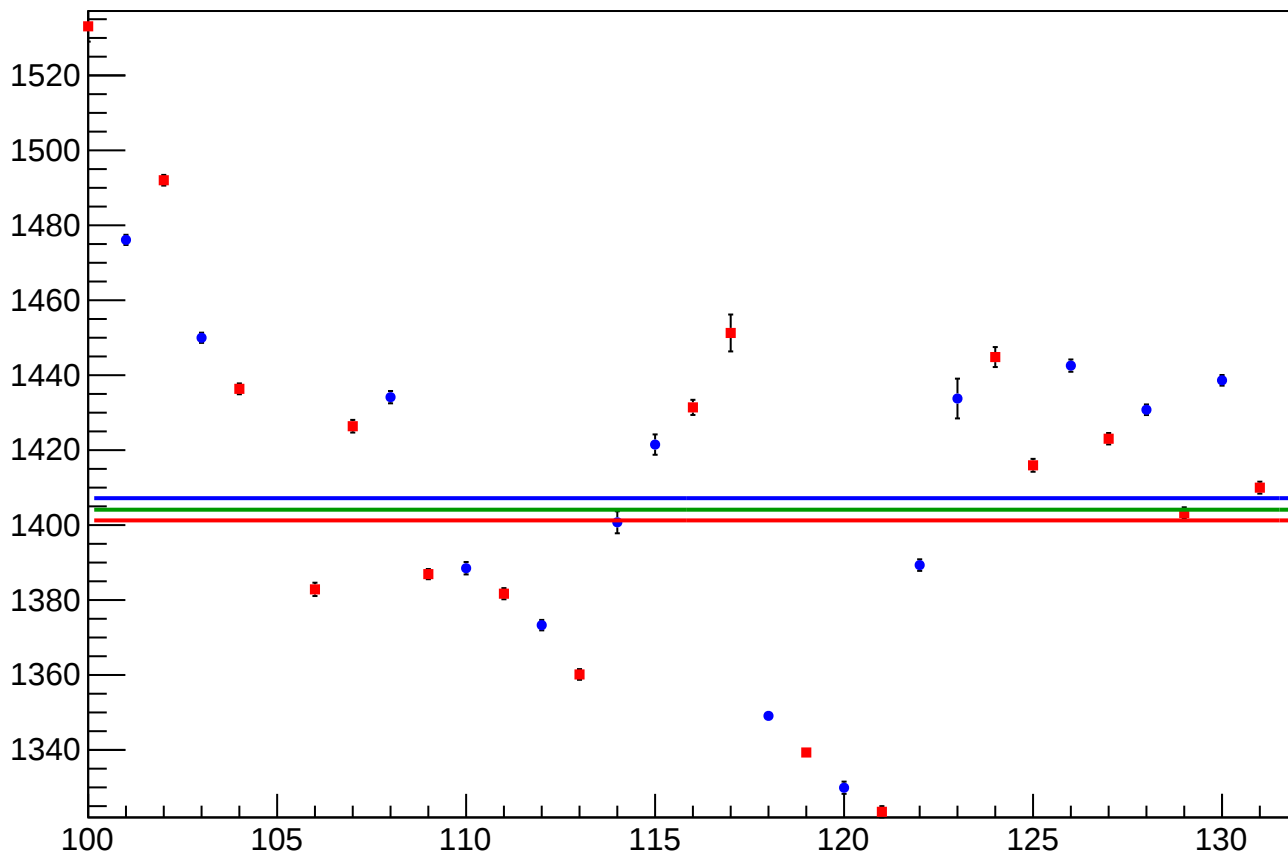
1019.623 $\pm$ 0.210 χ^2/NDF : 103294.2/31

1024.483 $\pm$ 0.294 χ^2/NDF : 53619.6/16

diff_bpm0i02X_mean vs Slug, Sign Corrected



diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1407.182 $\pm$ 0.416 χ^2/NDF : 10991.9/14

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

Right Out: 1401.250 $\pm$ 0.401 χ^2/NDF : 12887.0/16

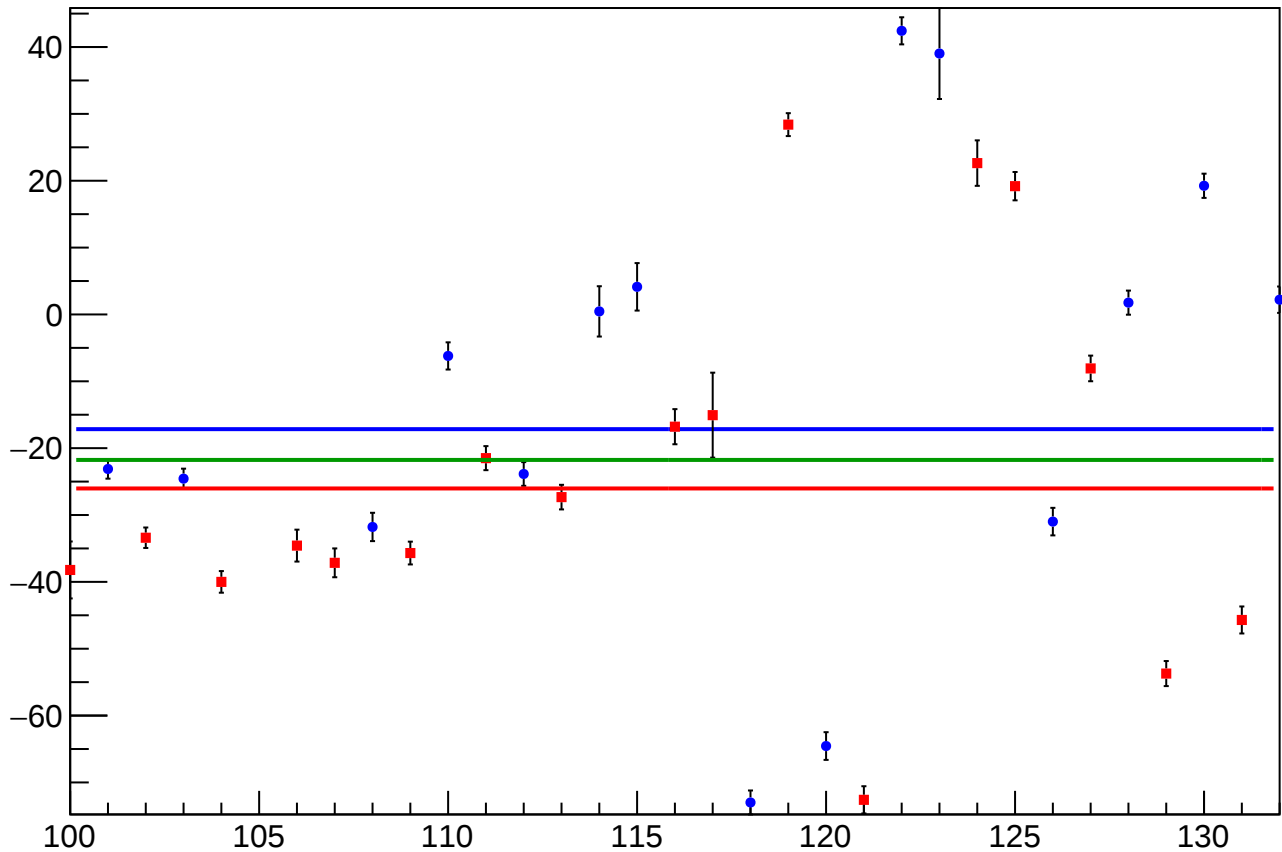
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1407.182 $\pm$ 0.416 χ^2/NDF : 10991.9/14

1404.108 $\pm$ 0.289 χ^2/NDF : 23984.0/31

1401.250 $\pm$ 0.401 χ^2/NDF : 12887.0/16

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -17.157 ± 0.515 χ^2/NDF : 3271.6/14

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

Right Out: -26.029 ± 0.496 χ^2/NDF : 2793.7/16

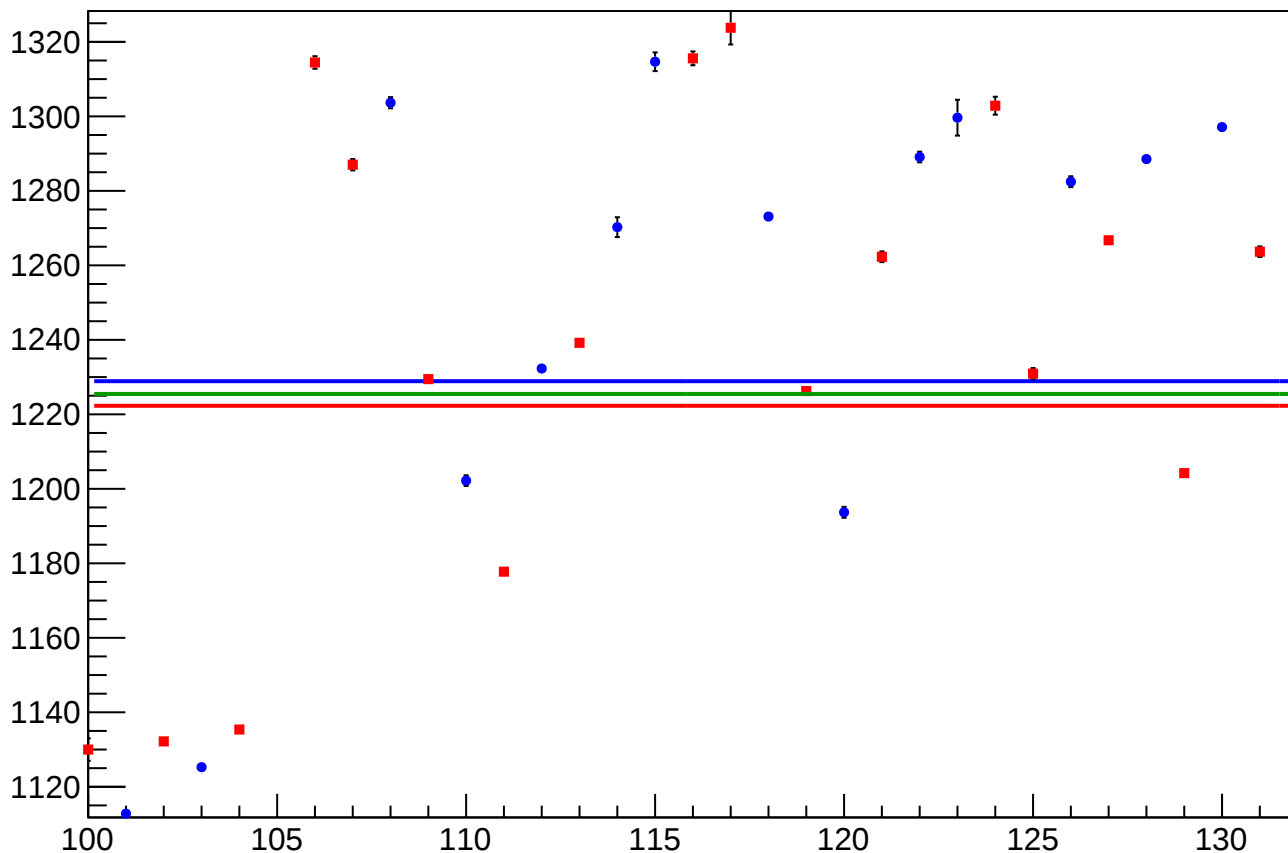
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-17.157 ± 0.515 χ^2/NDF : 3271.6/14

-21.761 ± 0.357 χ^2/NDF : 6219.2/31

-26.029 ± 0.496 χ^2/NDF : 2793.7/16

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1228.901 ± 0.364 χ^2/NDF : 37218.9/14

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

Right Out: 1222.297 ± 0.351 χ^2/NDF : 26932.5/16

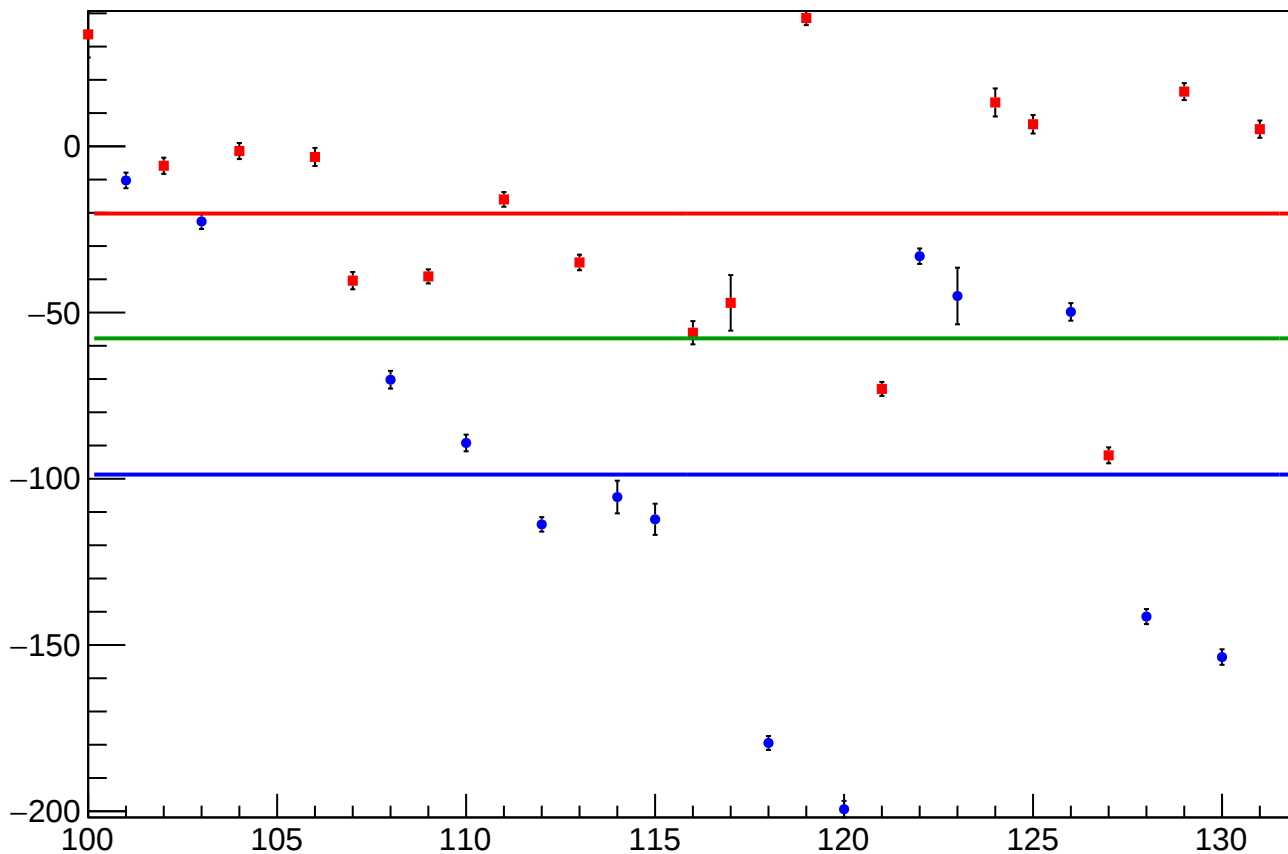
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1228.901 ± 0.364 χ^2/NDF : 37218.9/14

1225.474 ± 0.253 χ^2/NDF : 64322.0/31

1222.297 ± 0.351 χ^2/NDF : 26932.5/16

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.729 ± 0.667 χ^2/NDF : 7912.7/14

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

Right Out: -20.218 ± 0.639 χ^2/NDF : 3262.3/16

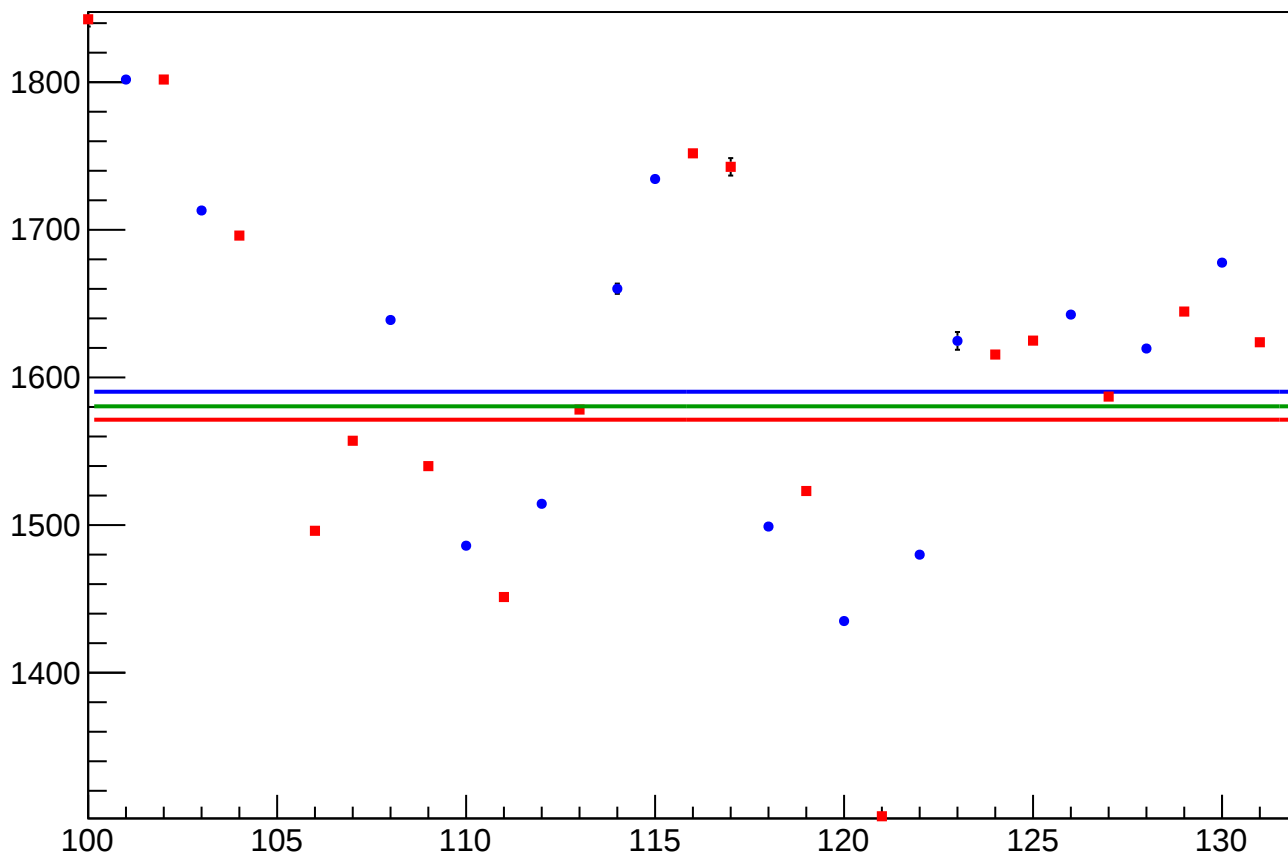
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-98.729 ± 0.667 χ^2/NDF : 7912.7/14

-57.764 ± 0.461 χ^2/NDF : 18404.6/31

-20.218 ± 0.639 χ^2/NDF : 3262.3/16

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1590.322+/-0.472 χ^2/NDF : 51889.1/14

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

Right Out: 1571.379+/-0.452 χ^2/NDF : 77647.9/16

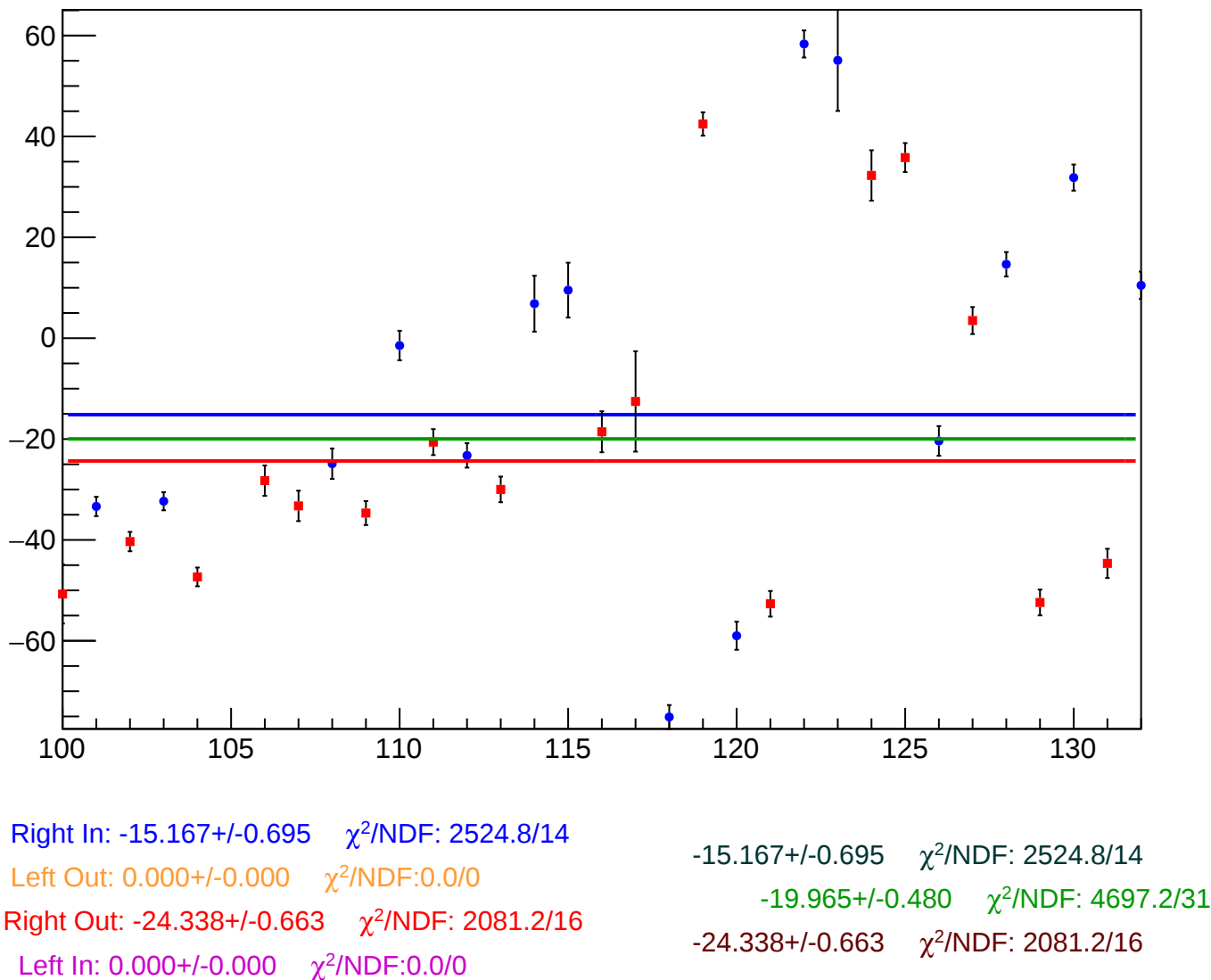
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1590.322+/-0.472 χ^2/NDF : 51889.1/14

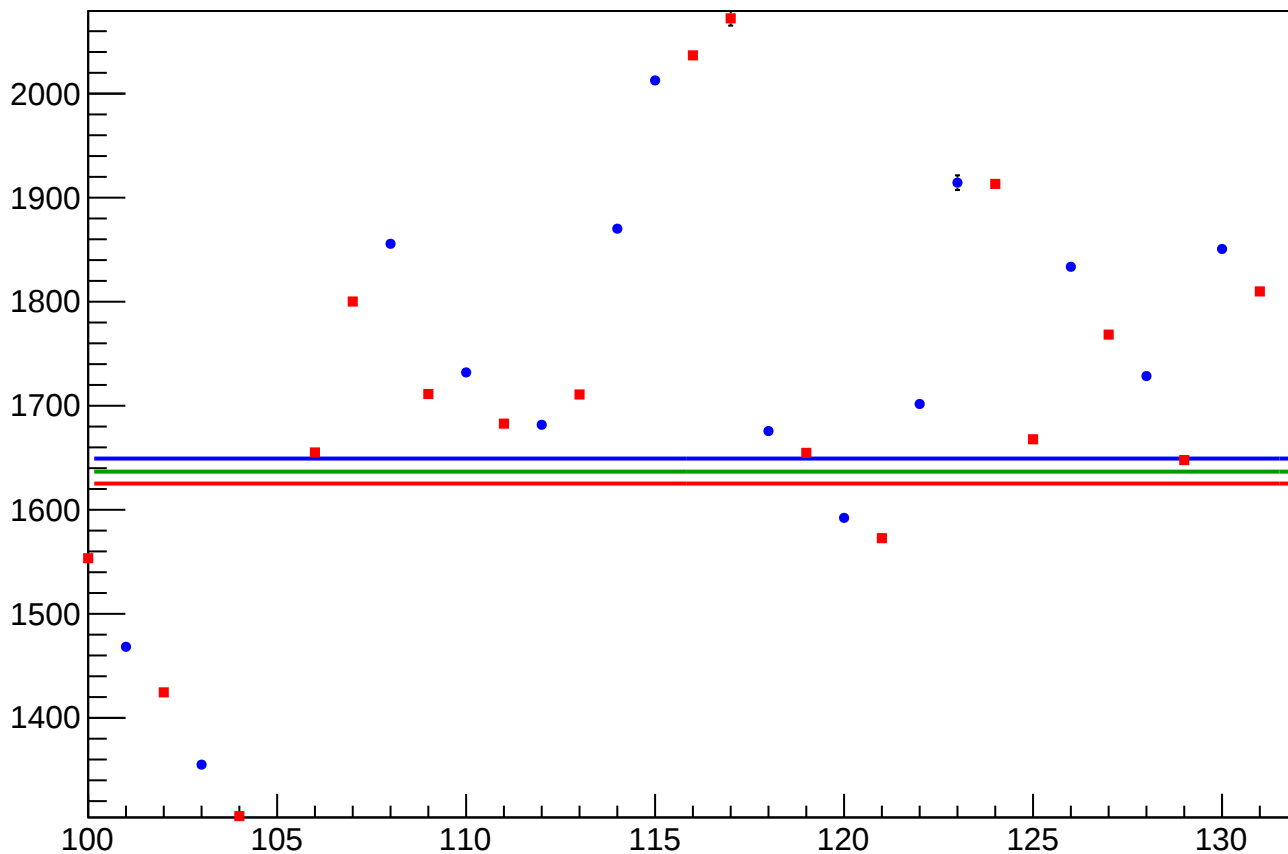
1580.438+/-0.326 χ^2/NDF : 130378.7/31

1571.379+/-0.452 χ^2/NDF : 77647.9/16

diff_bpm0i02aY_mean vs Slug, Sign Corrected



diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1649.249 $\pm$ 0.491 χ^2 /NDF: 121617.7/14

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

Right Out: 1625.229 $\pm$ 0.469 χ^2 /NDF: 140560.9/16

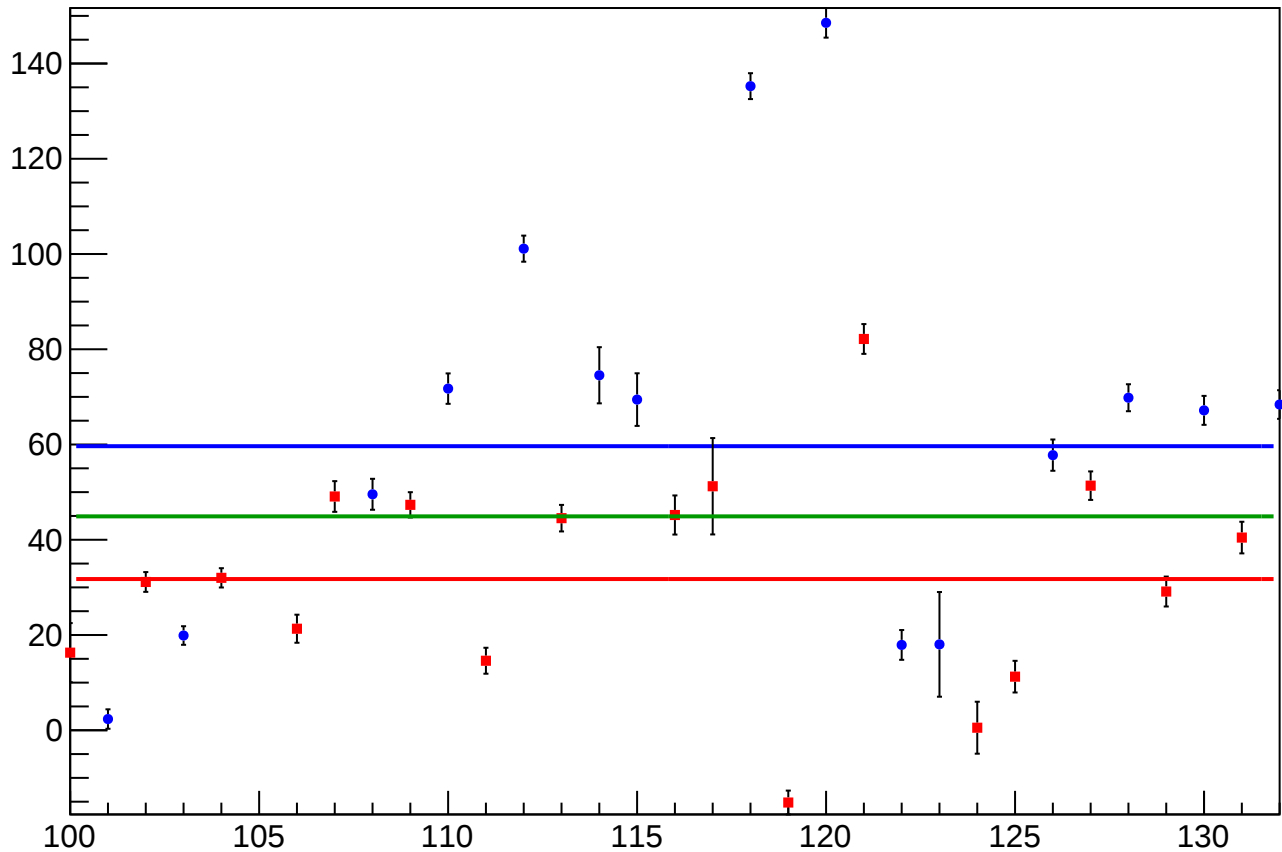
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1649.249 $\pm$ 0.491 χ^2 /NDF: 121617.7/14

1636.682 $\pm$ 0.339 χ^2 /NDF: 263429.7/31

1625.229 $\pm$ 0.469 χ^2 /NDF: 140560.9/16

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.647 $\pm$ 0.772 χ^2 /NDF: 3276.1/14

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

Right Out: 31.752 $\pm$ 0.730 χ^2 /NDF: 889.3/16

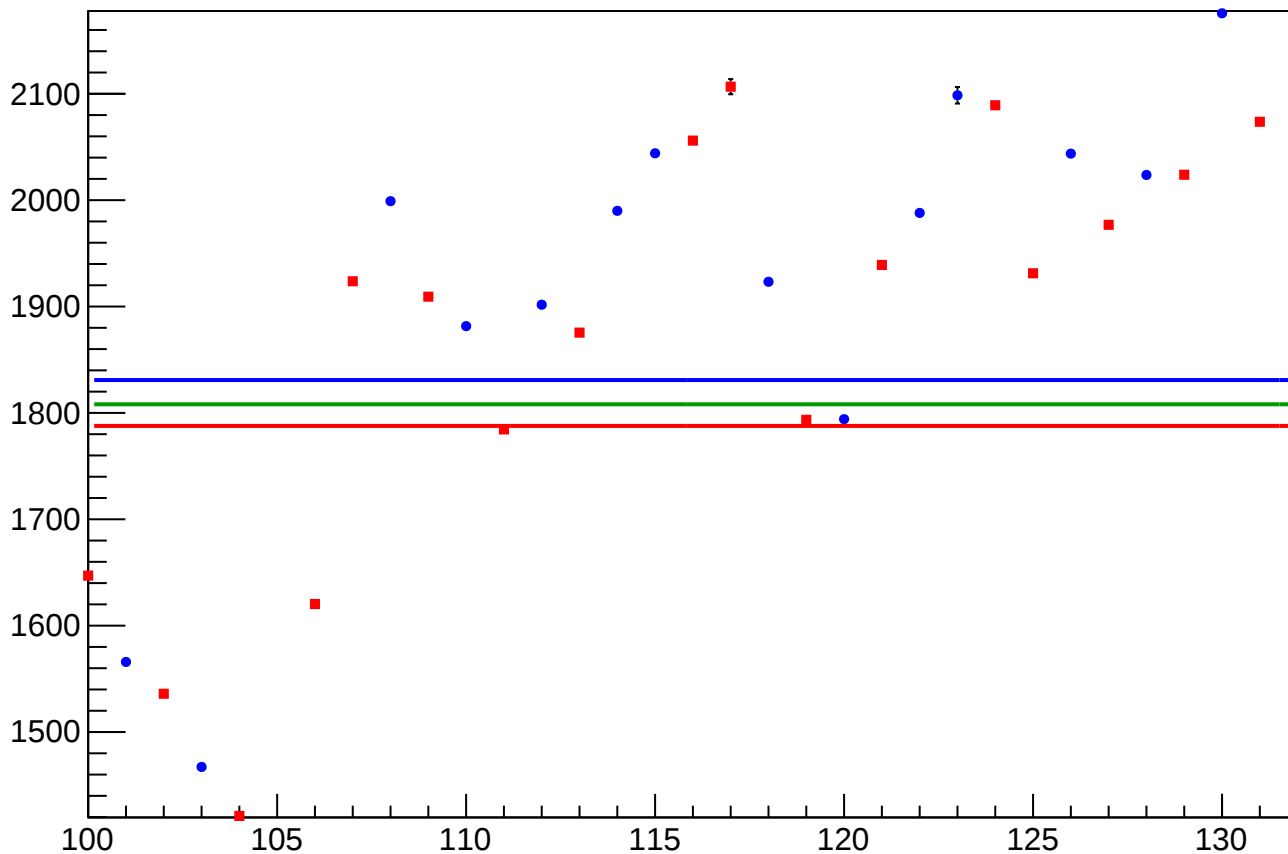
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

59.647 $\pm$ 0.772 χ^2 /NDF: 3276.1/14

44.911 $\pm$ 0.531 χ^2 /NDF: 4854.2/31

31.752 $\pm$ 0.730 χ^2 /NDF: 889.3/16

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1830.883+/-0.546 χ^2/NDF : 168584.1/14

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

Right Out: 1787.776+/-0.516 χ^2/NDF : 171268.0/16

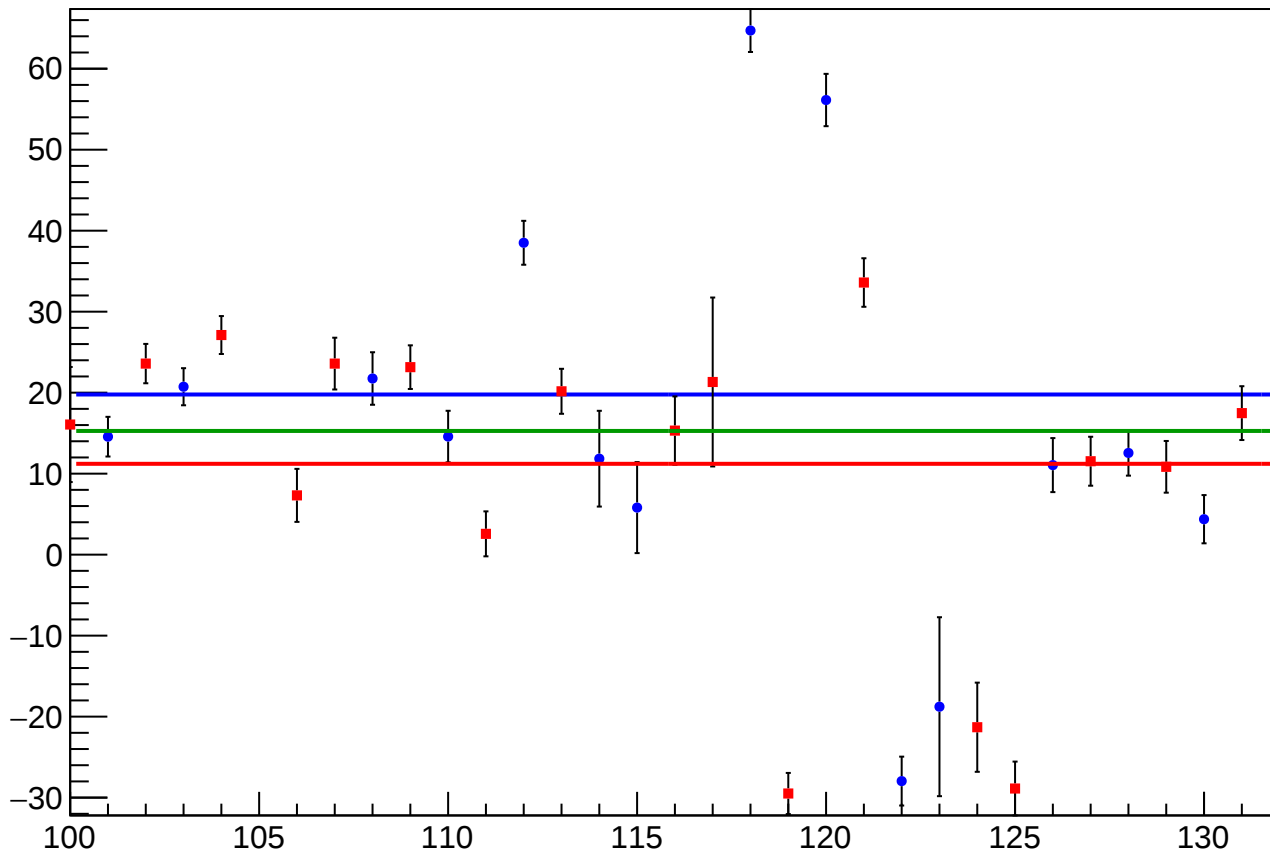
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1830.883+/-0.546 χ^2/NDF : 168584.1/14

1808.111+/-0.375 χ^2/NDF : 343142.0/31

1787.776+/-0.516 χ^2/NDF : 171268.0/16

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 19.774 $\pm$ 0.805 χ^2 /NDF: 807.2/14

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

Right Out: 11.215 $\pm$ 0.764 χ^2 /NDF: 626.7/16

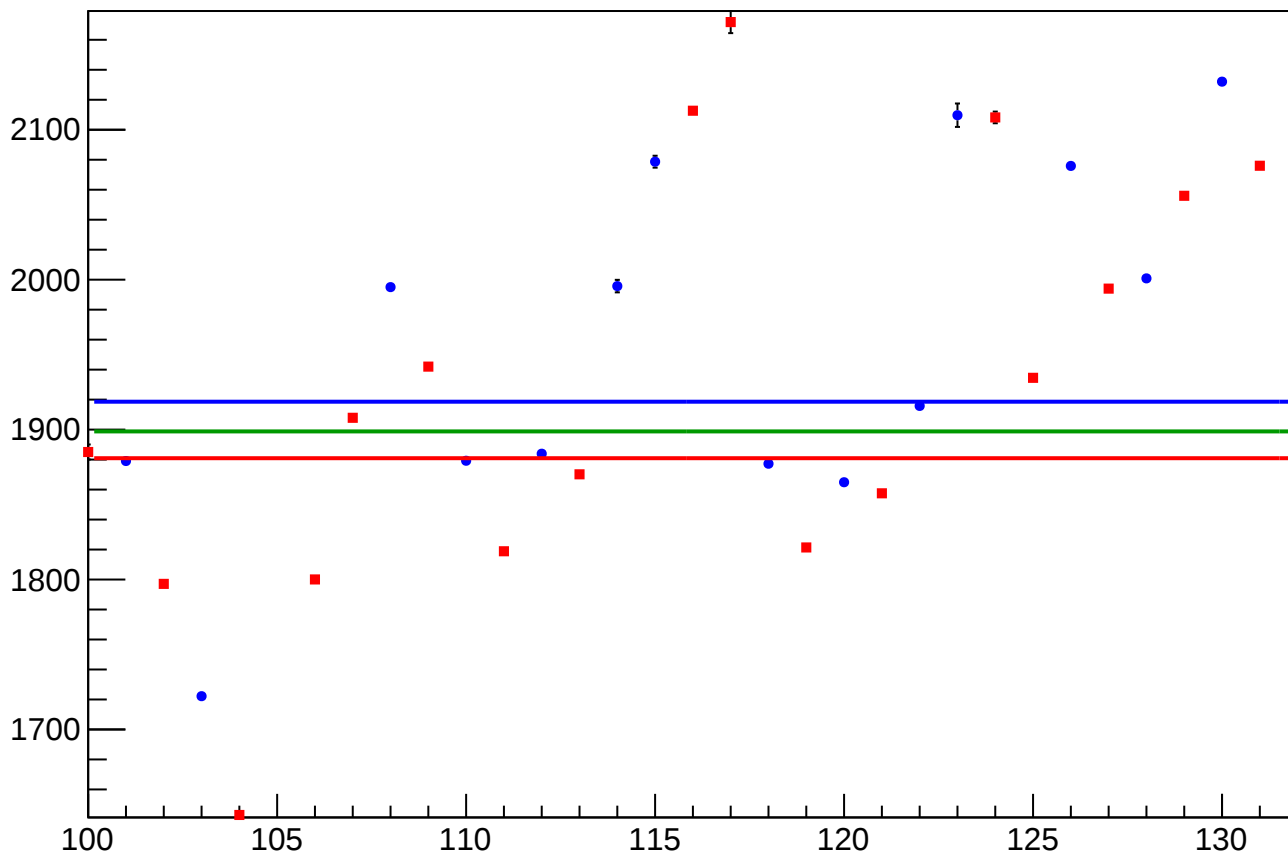
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

19.774 $\pm$ 0.805 χ^2 /NDF: 807.2/14

15.273 $\pm$ 0.554 χ^2 /NDF: 1493.5/31

11.215 $\pm$ 0.764 χ^2 /NDF: 626.7/16

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1918.611+/-0.569 χ^2/NDF : 37036.3/14

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

Right Out: 1880.925+/-0.540 χ^2/NDF : 54892.1/16

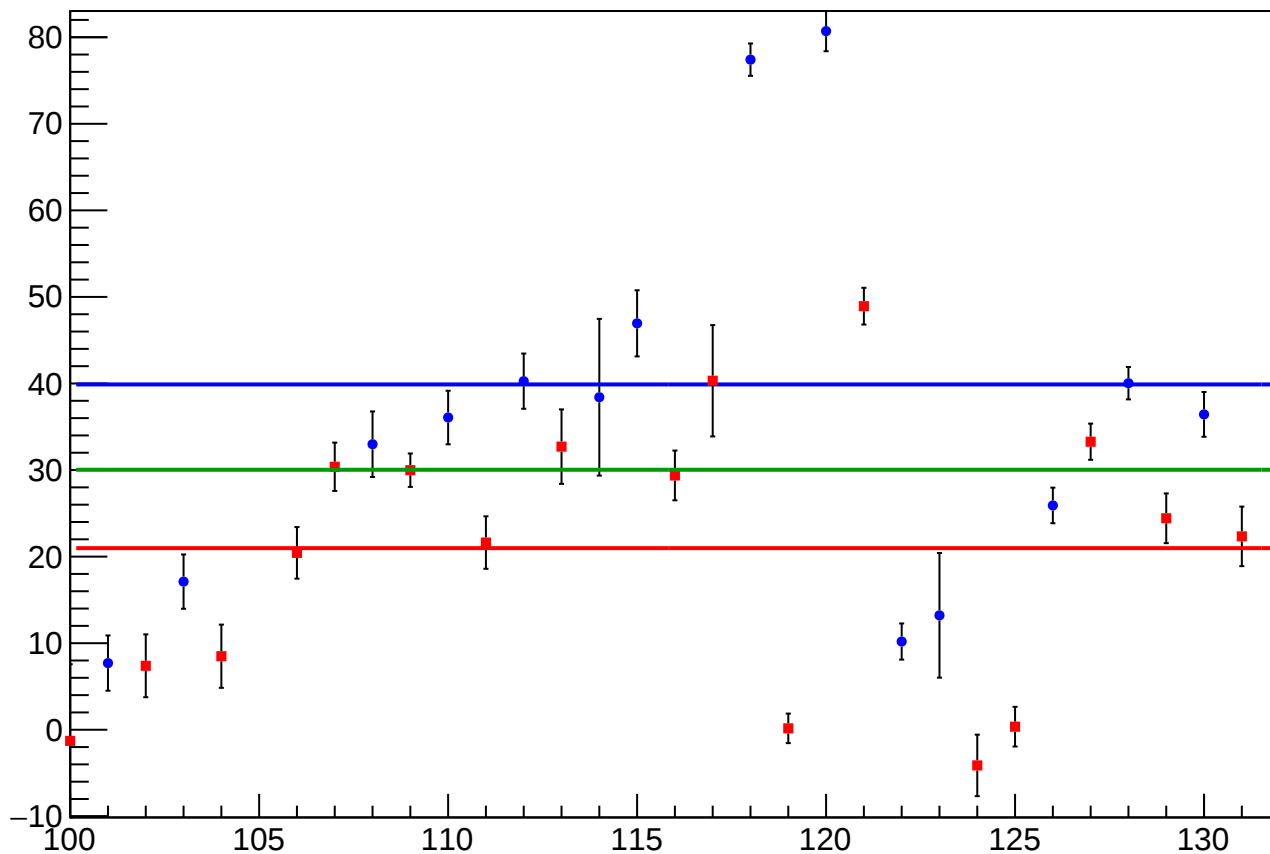
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1918.611+/-0.569 χ^2/NDF : 37036.3/14

1898.795+/-0.392 χ^2/NDF : 94235.7/31

1880.925+/-0.540 χ^2/NDF : 54892.1/16

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 39.891 $\pm$ 0.696 χ^2/NDF : 1153.1/14

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

Right Out: 20.978 $\pm$ 0.667 χ^2/NDF : 579.4/16

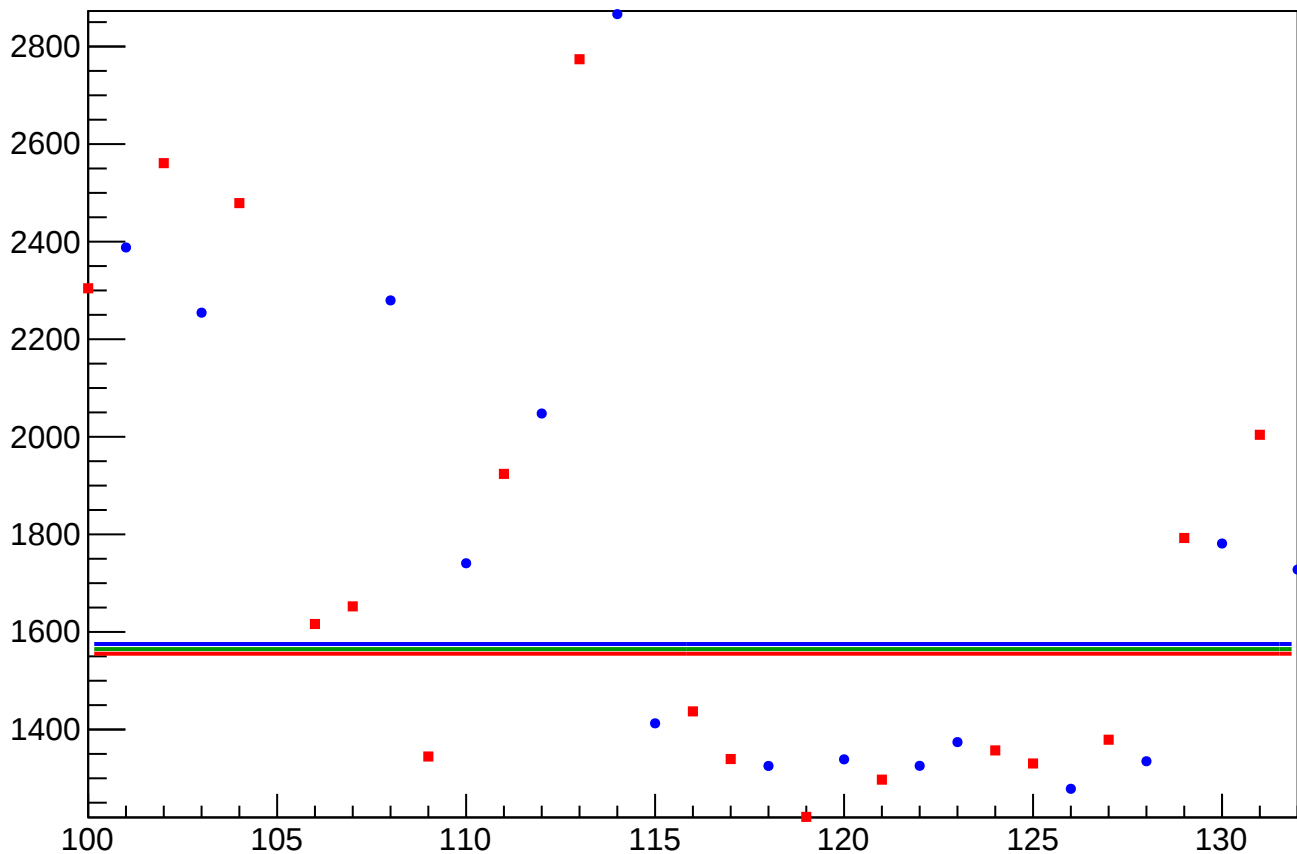
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

39.891 $\pm$ 0.696 χ^2/NDF : 1153.1/14

30.033 $\pm$ 0.481 χ^2/NDF : 2117.9/31

20.978 $\pm$ 0.667 χ^2/NDF : 579.4/16

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1575.267 $\pm$ 0.492 χ^2/NDF : 566267.3/14

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

Right Out: 1555.403 $\pm$ 0.471 χ^2/NDF : 712096.1/16

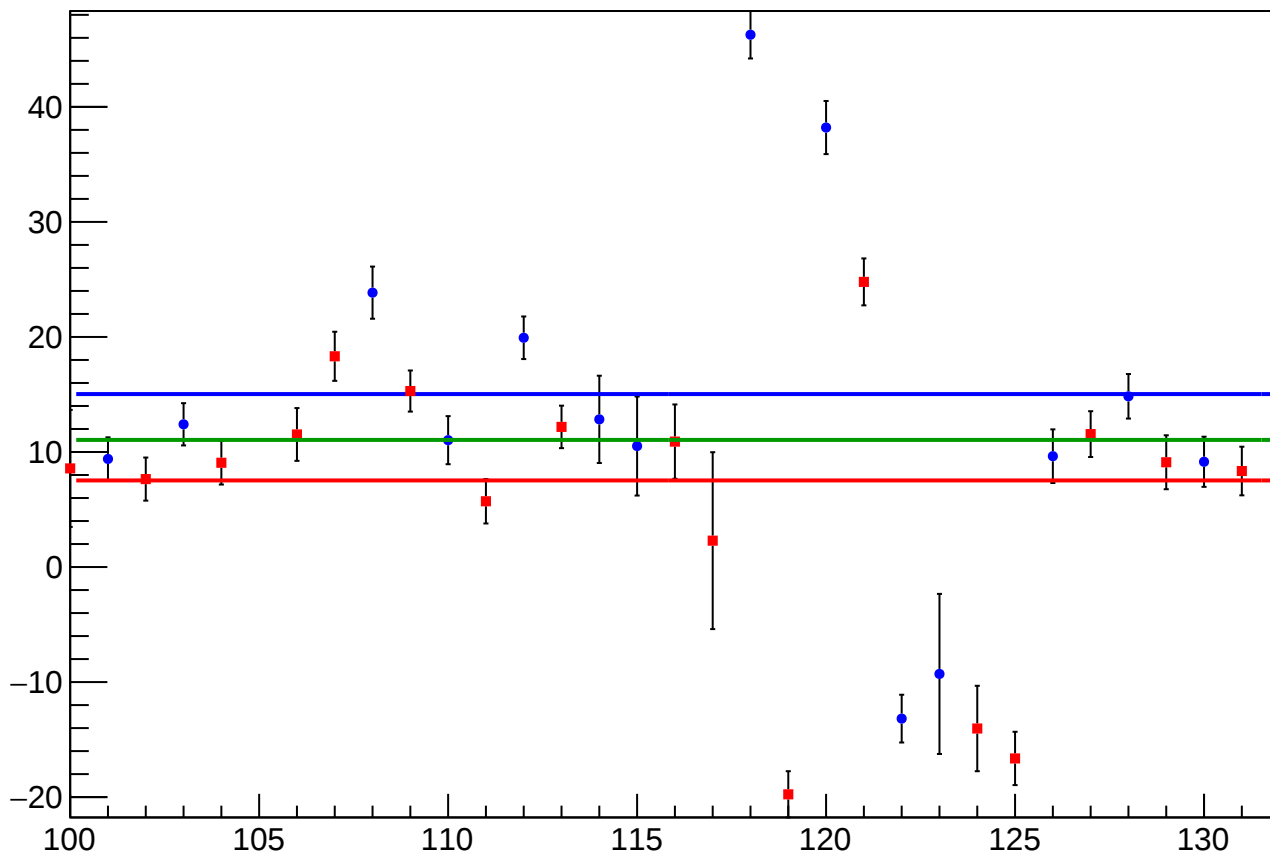
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1575.267 $\pm$ 0.492 χ^2/NDF : 566267.3/14

1564.913 $\pm$ 0.340 χ^2/NDF : 1279213.7/31

1555.403 $\pm$ 0.471 χ^2/NDF : 712096.1/16

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 15.035 $\pm$ 0.576 χ^2 /NDF: 590.3/14

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

Right Out: 7.528 $\pm$ 0.542 χ^2 /NDF: 460.0/16

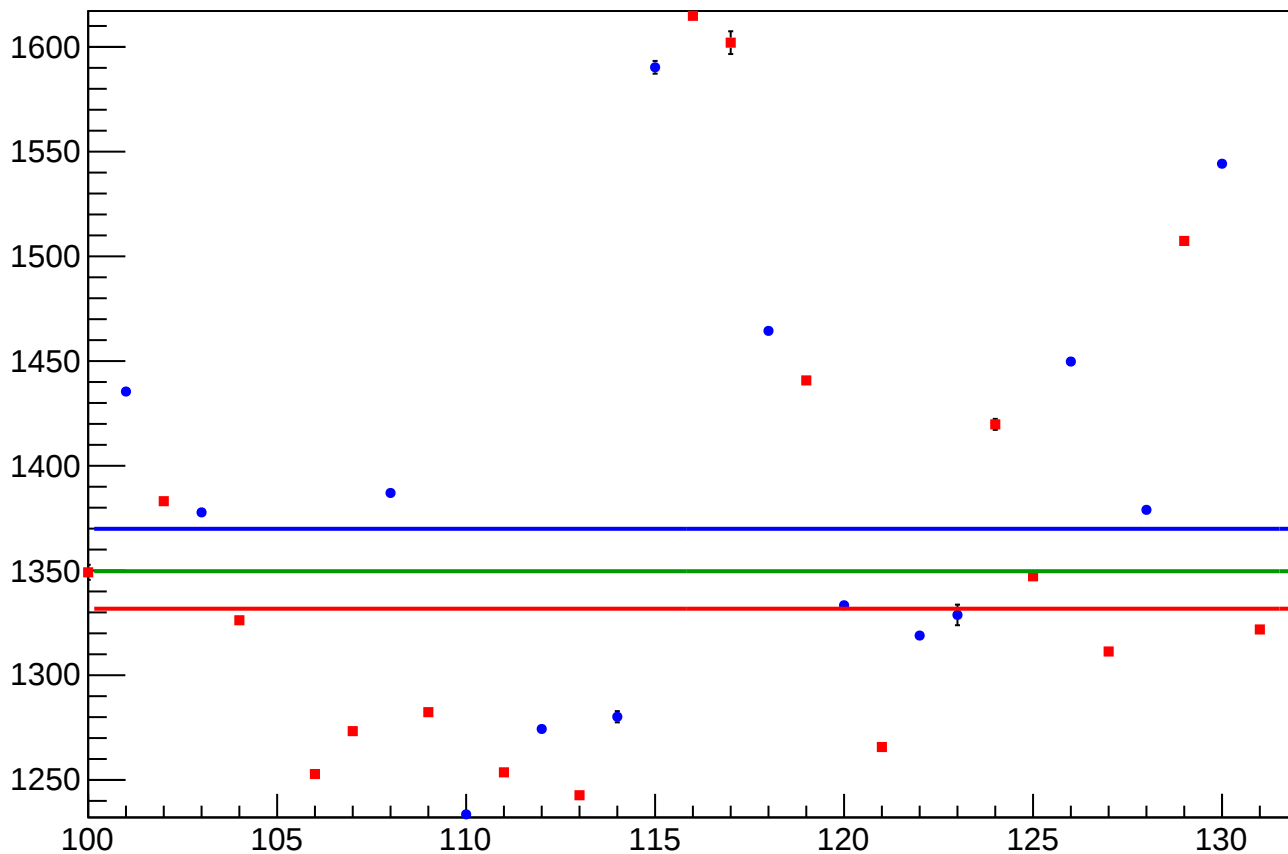
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.035 $\pm$ 0.576 χ^2 /NDF: 590.3/14

11.050 $\pm$ 0.395 χ^2 /NDF: 1140.3/31

7.528 $\pm$ 0.542 χ^2 /NDF: 460.0/16

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1369.912 $\pm$ 0.408 χ^2 /NDF: 49821.2/14

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

Right Out: 1331.764 $\pm$ 0.383 χ^2 /NDF: 53363.8/16

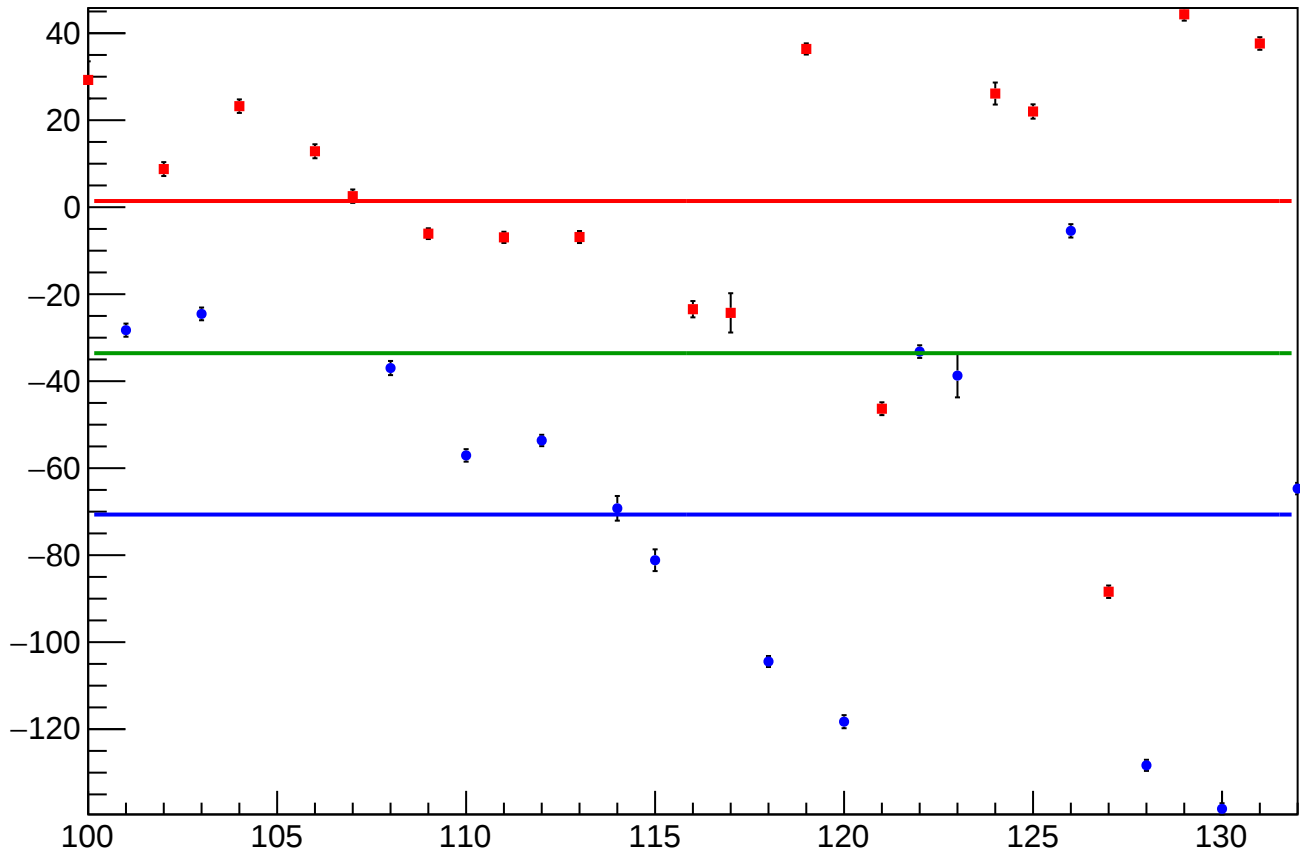
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1369.912 $\pm$ 0.408 χ^2 /NDF: 49821.2/14

1349.664 $\pm$ 0.279 χ^2 /NDF: 107834.7/31

1331.764 $\pm$ 0.383 χ^2 /NDF: 53363.8/16

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -70.661+/-0.395 χ^2/NDF : 11493.9/14

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

Right Out: 1.421+/-0.383 χ^2/NDF : 8117.7/16

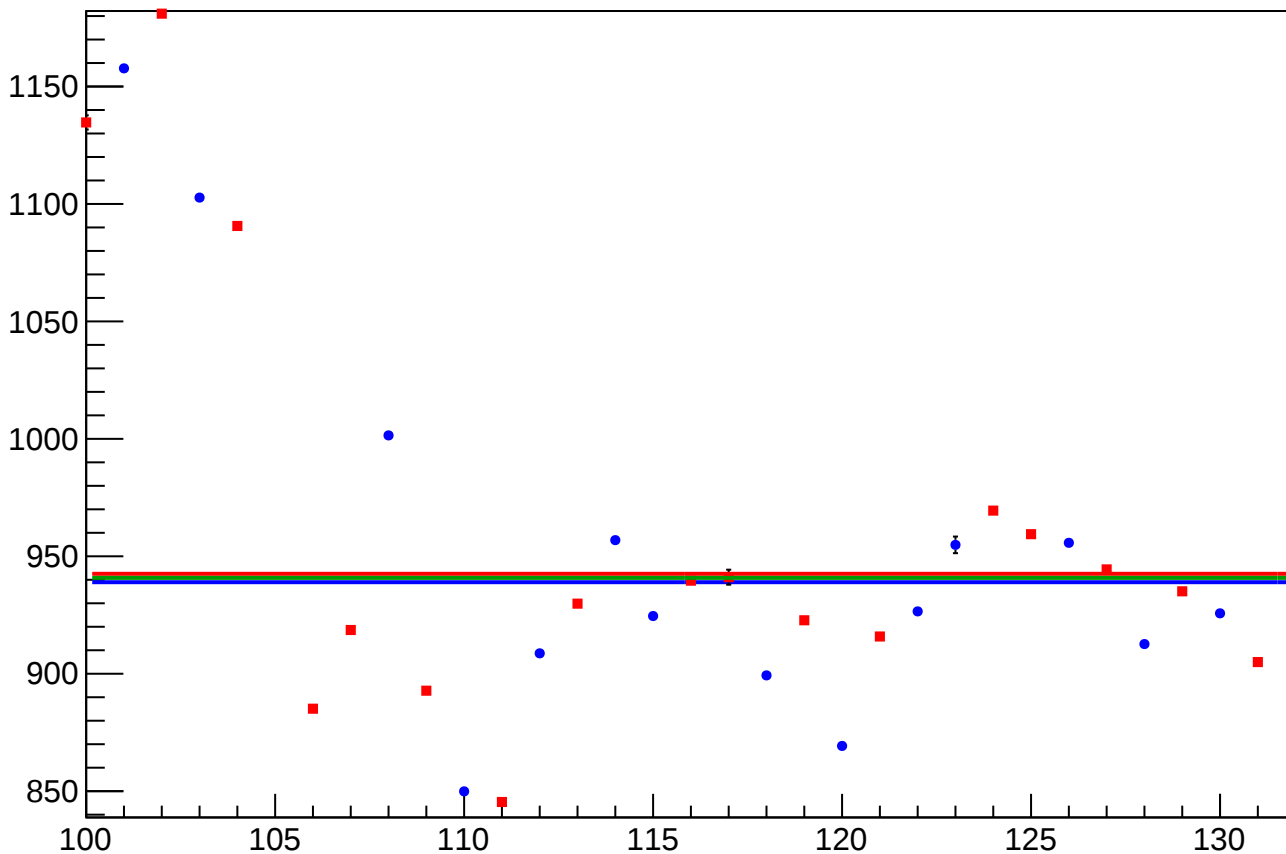
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-70.661+/-0.395 χ^2/NDF : 11493.9/14

-33.563+/-0.275 χ^2/NDF : 36780.6/31

1.421+/-0.383 χ^2/NDF : 8117.7/16

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 938.973 $\pm$ 0.279 χ^2 /NDF: 97795.9/14

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

Right Out: 942.549 $\pm$ 0.271 χ^2 /NDF: 87460.8/16

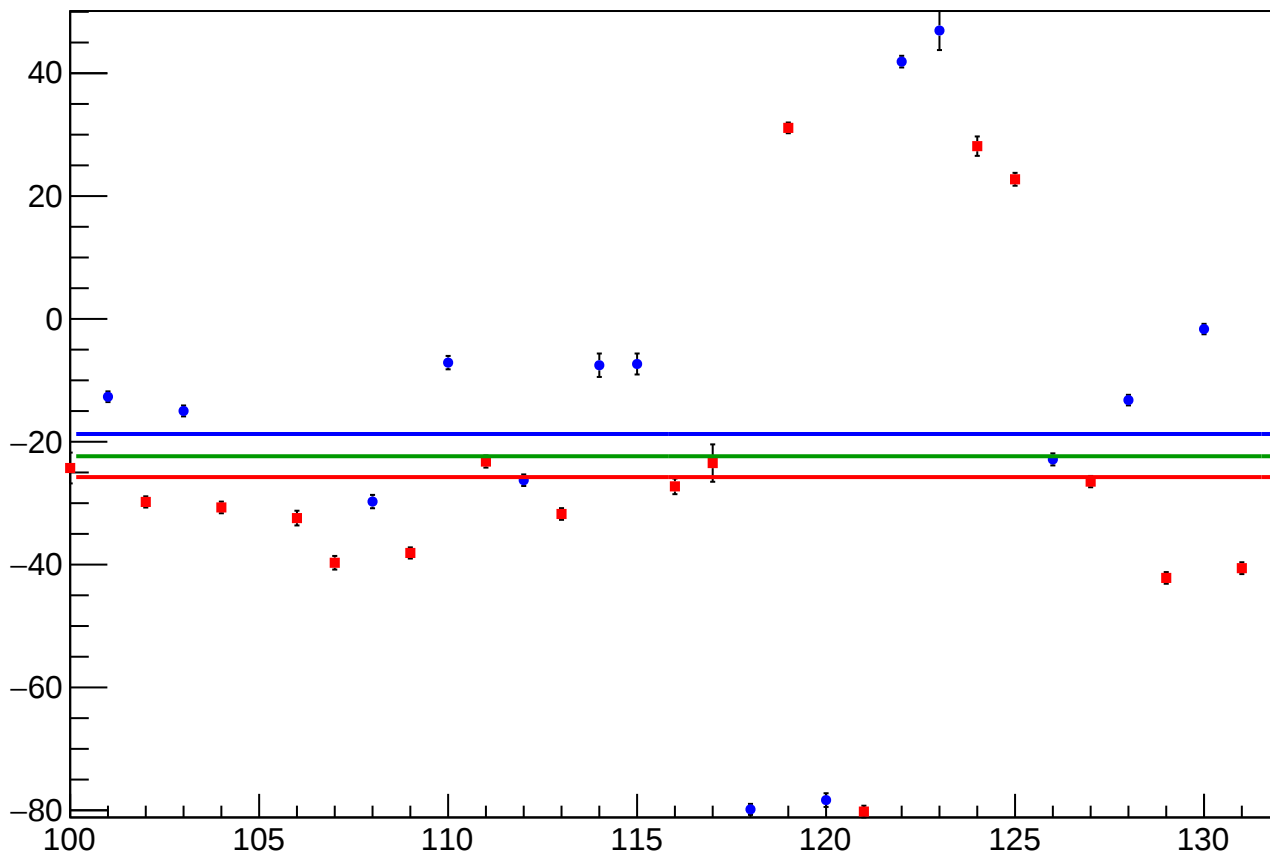
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

938.973 $\pm$ 0.279 χ^2 /NDF: 97795.9/14

940.814 $\pm$ 0.194 χ^2 /NDF: 185341.2/31

942.549 $\pm$ 0.271 χ^2 /NDF: 87460.8/16

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -18.736+/-0.266 χ^2/NDF : 13005.2/14

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

Right Out: -25.751+/-0.257 χ^2/NDF : 11795.0/16

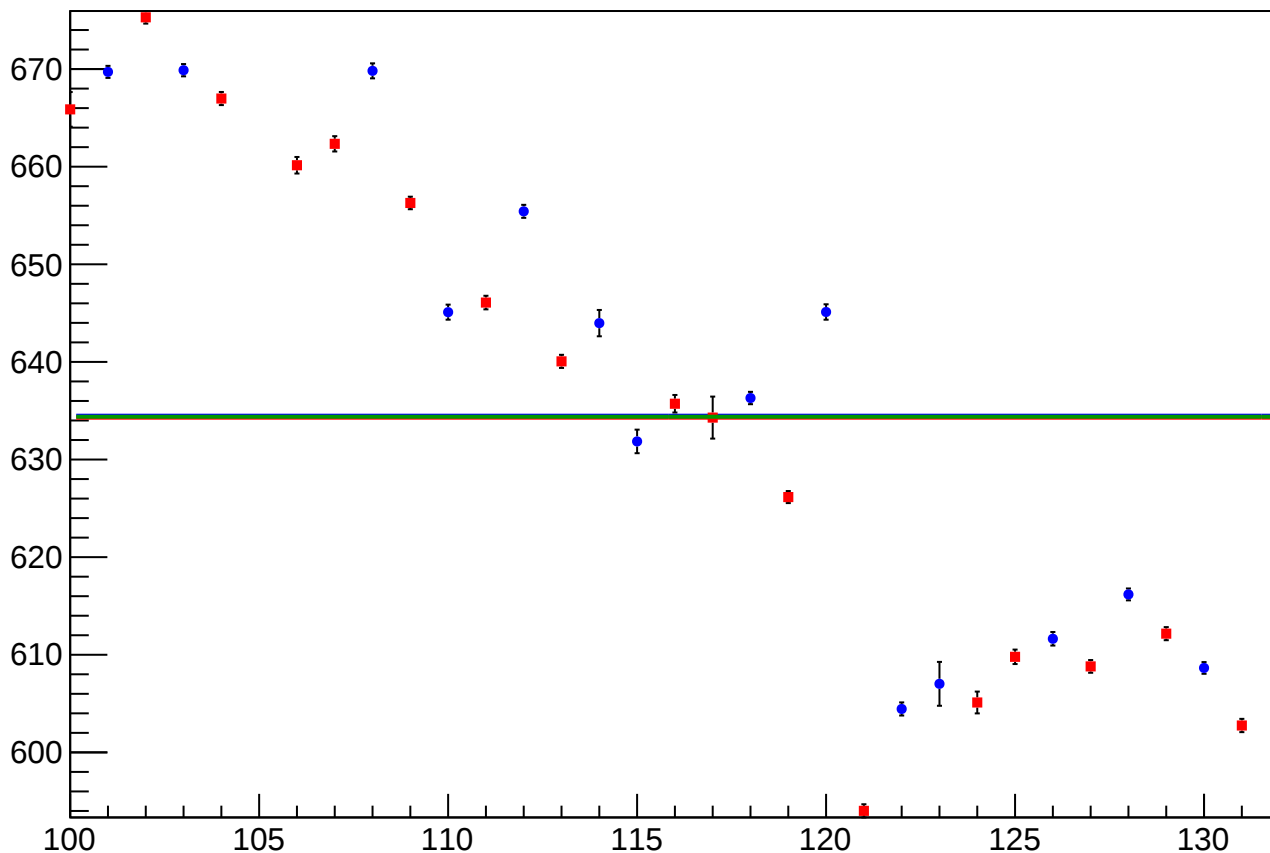
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.736+/-0.266 χ^2/NDF : 13005.2/14

-22.359+/-0.185 χ^2/NDF : 25160.4/31

-25.751+/-0.257 χ^2/NDF : 11795.0/16

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 634.491+/-0.188 χ^2/NDF : 19550.8/14

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

Right Out: 634.287+/-0.182 χ^2/NDF : 20721.8/16

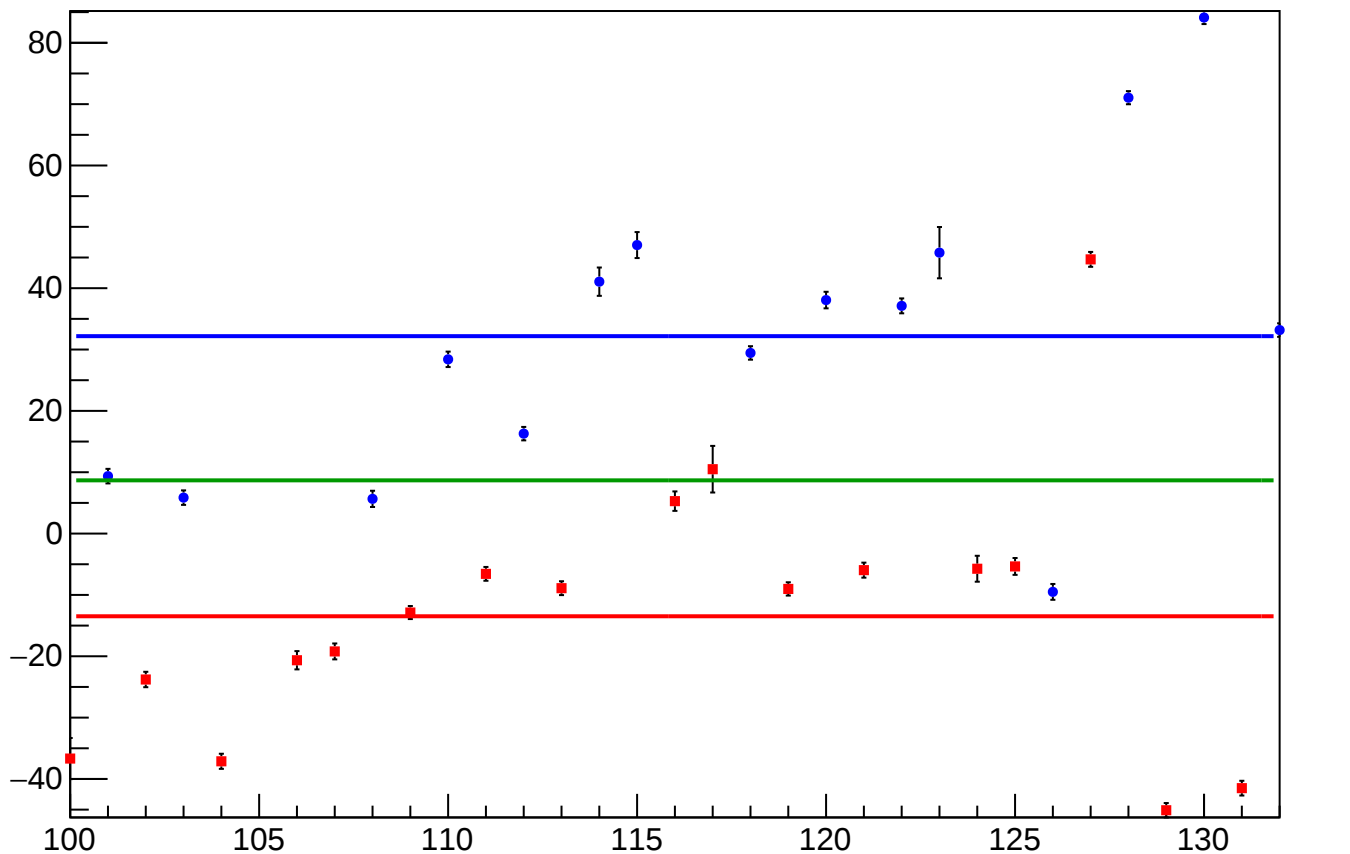
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

634.491+/-0.188 χ^2/NDF : 19550.8/14

634.386+/-0.131 χ^2/NDF : 40273.2/31

634.287+/-0.182 χ^2/NDF : 20721.8/16

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 32.181 $\pm$ 0.330 χ^2 /NDF: 6350.1/14

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

Right Out: -13.480 $\pm$ 0.321 χ^2 /NDF: 4428.5/16

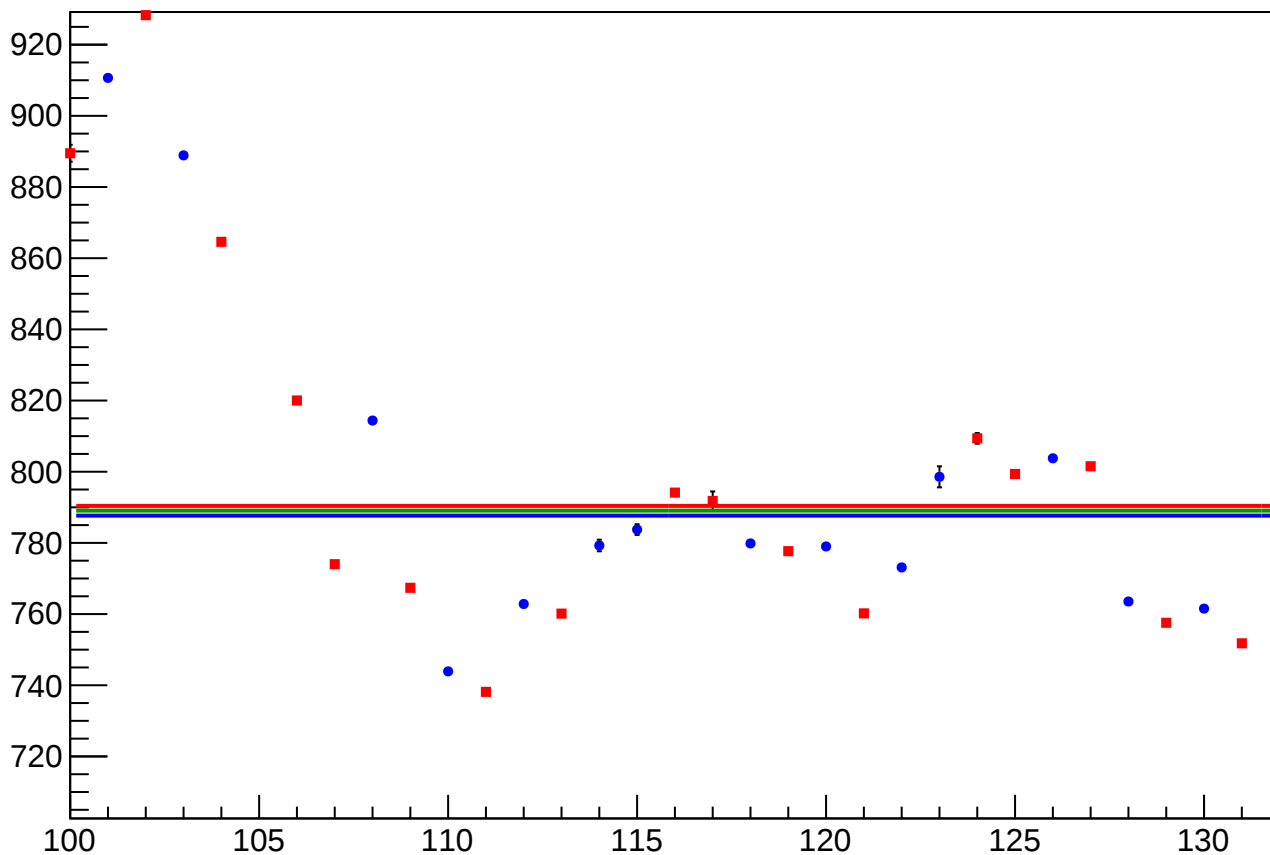
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

32.181 $\pm$ 0.330 χ^2 /NDF: 6350.1/14

8.676 $\pm$ 0.230 χ^2 /NDF: 20610.4/31

-13.480 $\pm$ 0.321 χ^2 /NDF: 4428.5/16

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 787.664 $\pm$ 0.234 χ^2 /NDF: 55101.9/14

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

Right Out: 790.404 $\pm$ 0.227 χ^2 /NDF: 46442.2/16

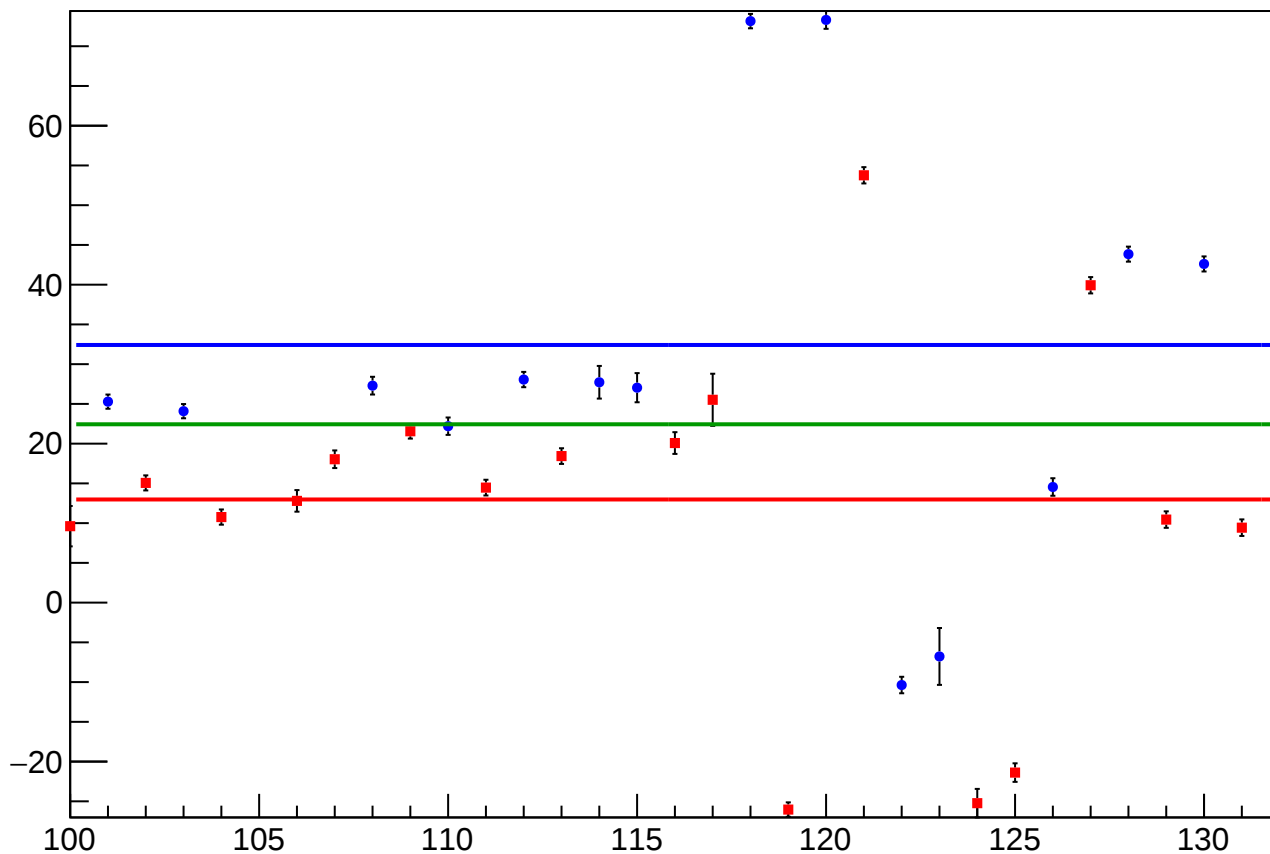
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

787.664 $\pm$ 0.234 χ^2 /NDF: 55101.9/14

789.074 $\pm$ 0.163 χ^2 /NDF: 101615.0/31

790.404 $\pm$ 0.227 χ^2 /NDF: 46442.2/16

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.415+/-0.279 χ^2 /NDF: 6071.2/14

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

Right Out: 12.976+/-0.271 χ^2 /NDF: 5654.1/16

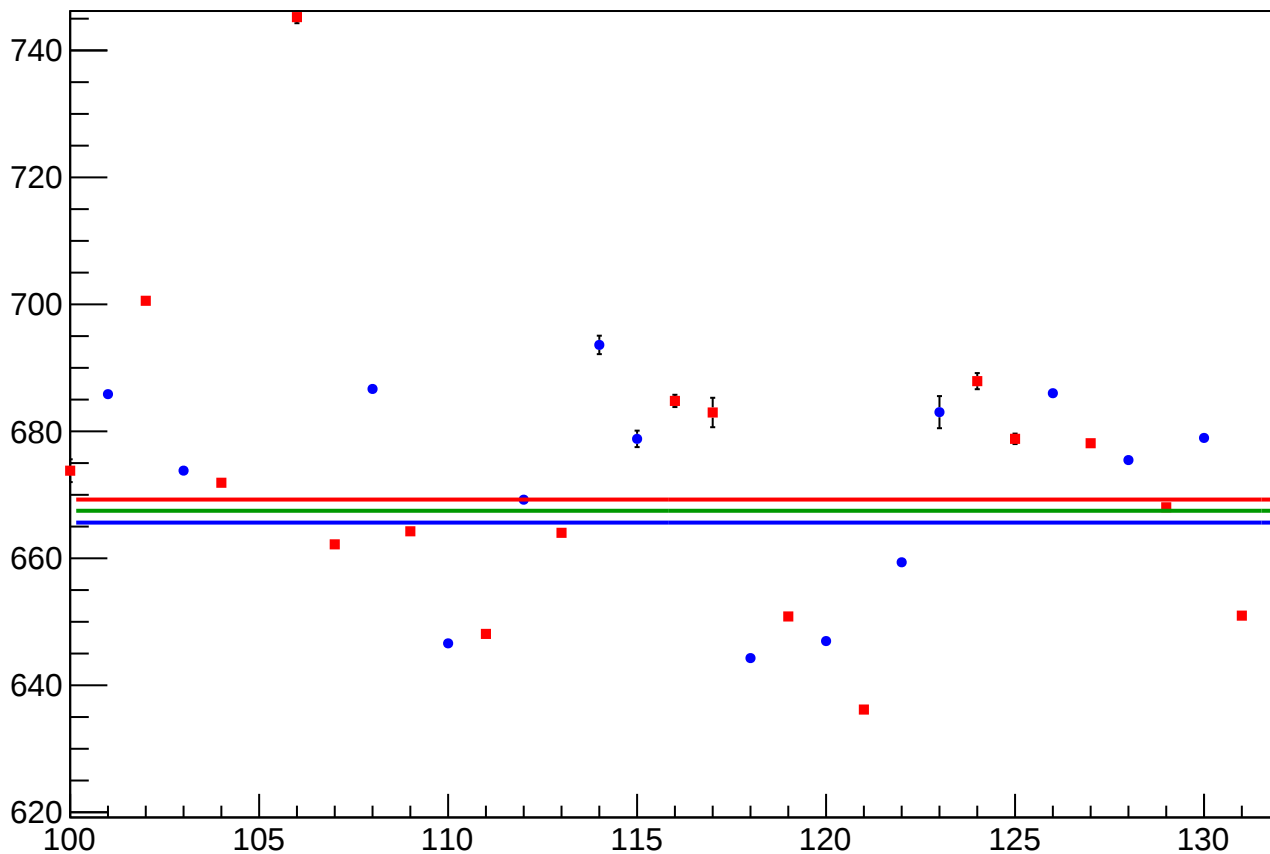
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.415+/-0.279 χ^2 /NDF: 6071.2/14

22.436+/-0.194 χ^2 /NDF: 14224.2/31

12.976+/-0.271 χ^2 /NDF: 5654.1/16

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 665.626+/-0.197 χ^2/NDF : 10514.1/14

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

Right Out: 669.256+/-0.192 χ^2/NDF : 13900.6/16

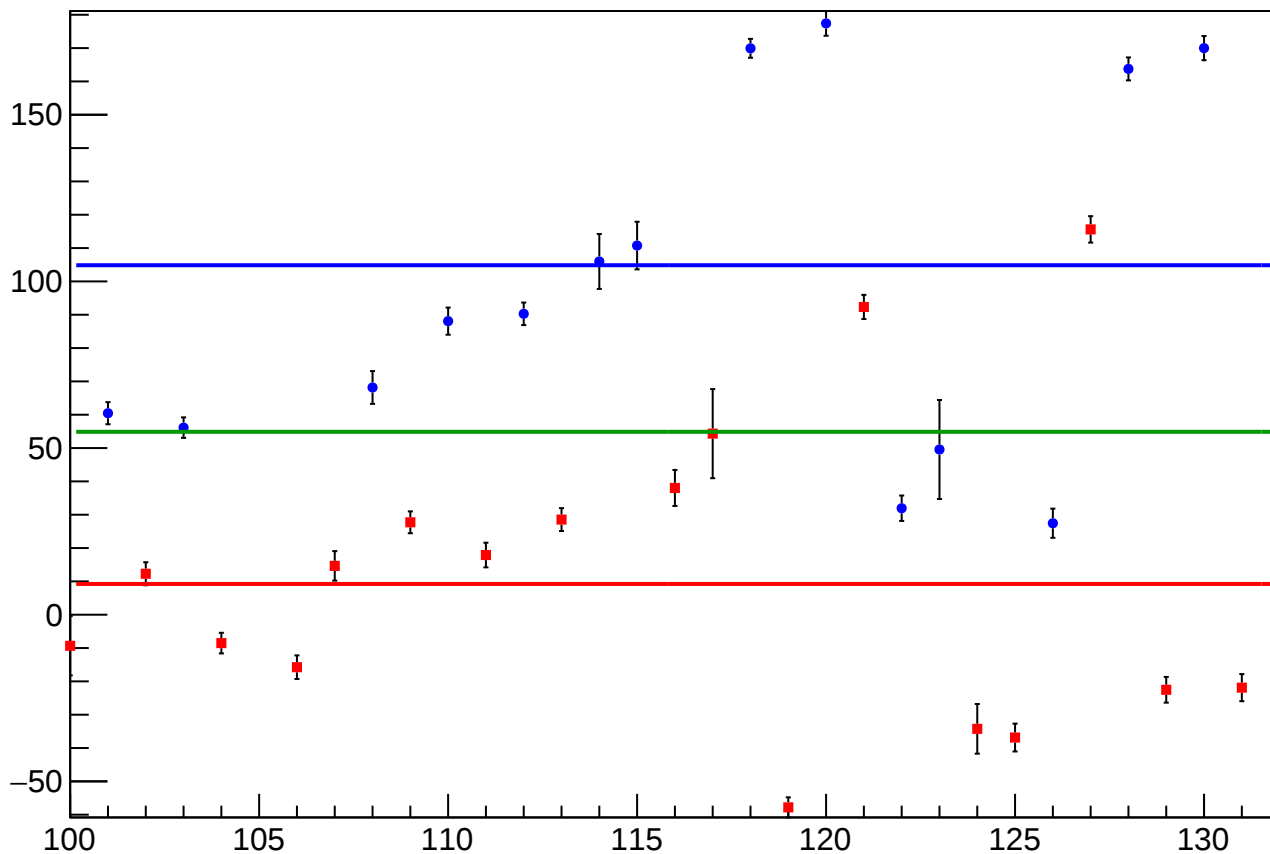
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

665.626+/-0.197 χ^2/NDF : 10514.1/14

667.489+/-0.137 χ^2/NDF : 24588.9/31

669.256+/-0.192 χ^2/NDF : 13900.6/16

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 104.854+/-1.009 χ^2/NDF : 2755.4/14

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

Right Out: 9.232+/-0.965 χ^2/NDF : 2219.2/16

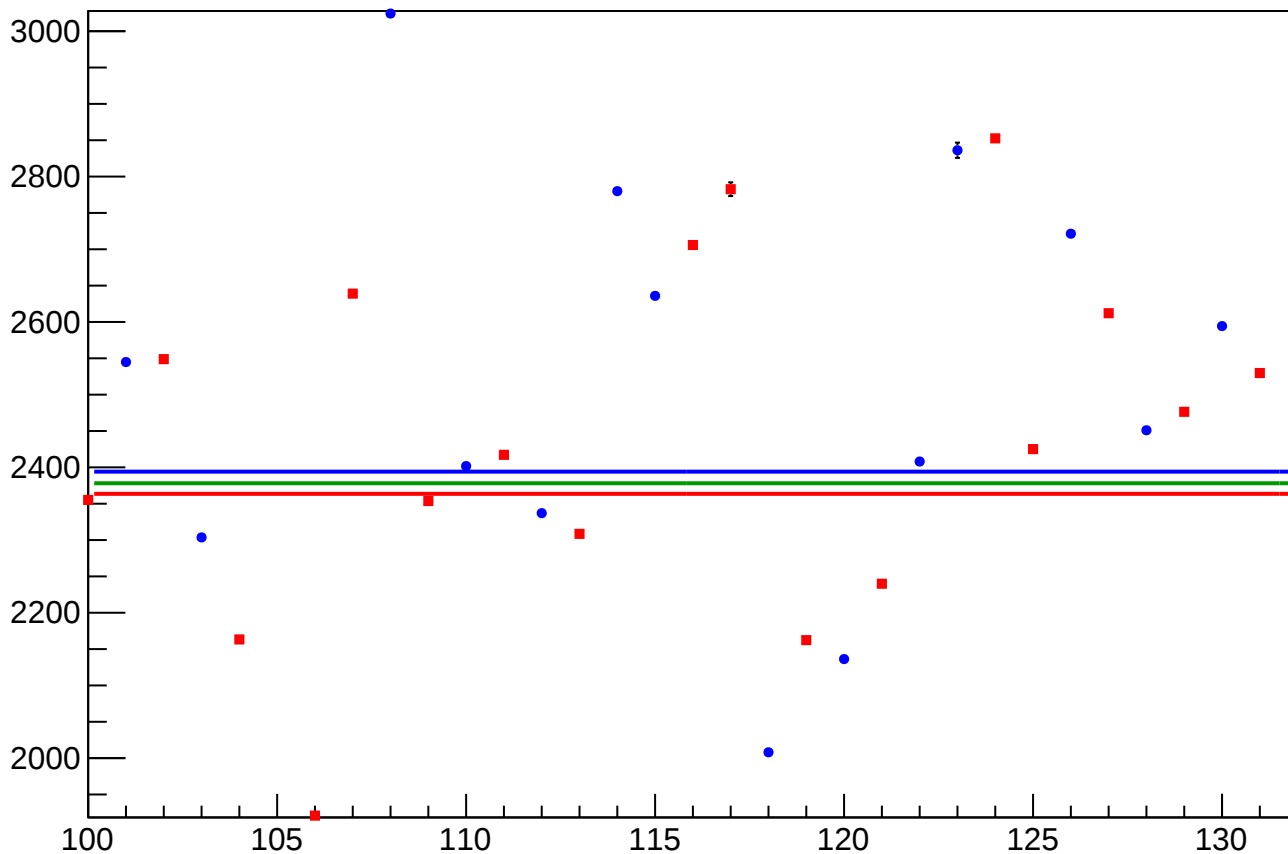
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.854+/-1.009 χ^2/NDF : 2755.4/14

54.879+/-0.697 χ^2/NDF : 9665.2/31

9.232+/-0.965 χ^2/NDF : 2219.2/16

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2394.097 $\pm$ 0.714 χ^2 /NDF: 114586.3/14

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

Right Out: 2363.594 $\pm$ 0.682 χ^2 /NDF: 97149.5/16

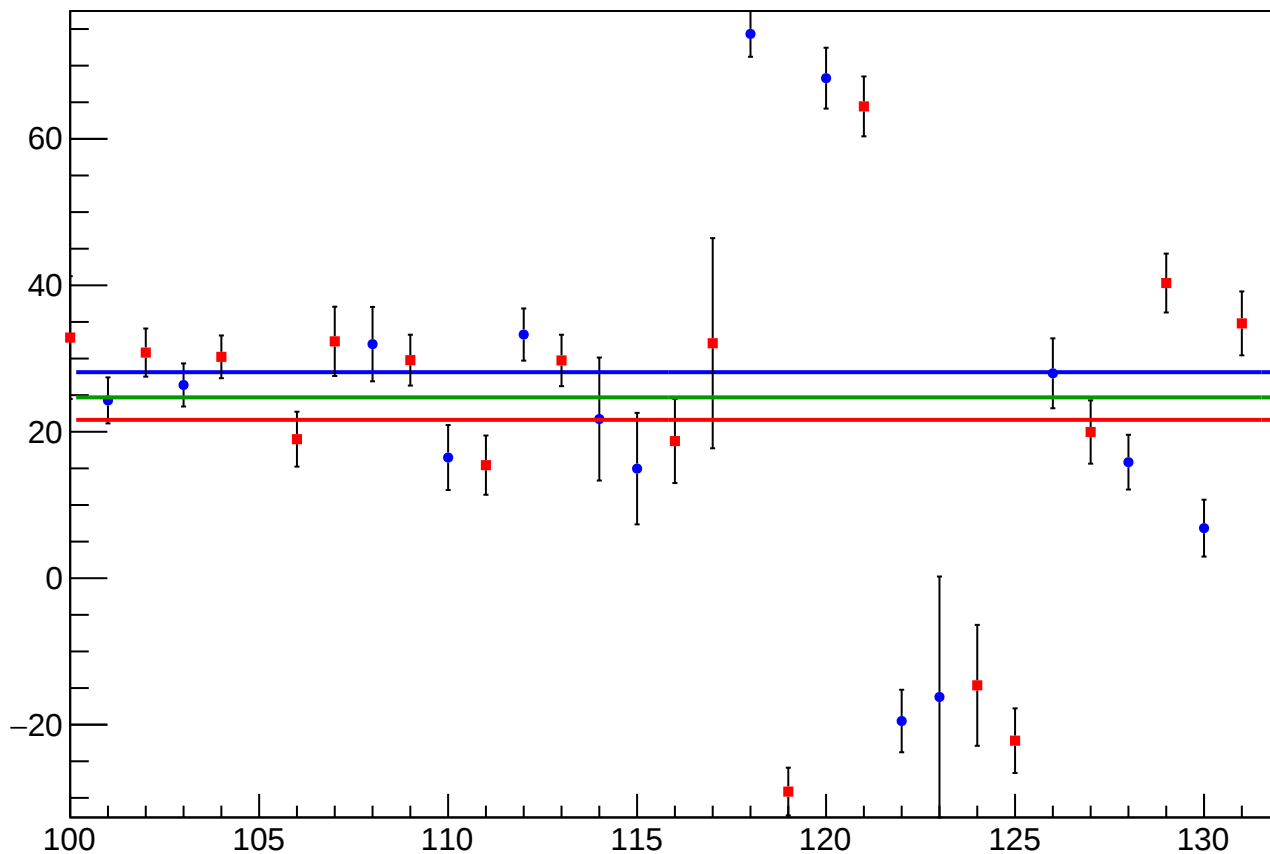
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2394.097 $\pm$ 0.714 χ^2 /NDF: 114586.3/14

2378.155 $\pm$ 0.493 χ^2 /NDF: 212690.5/31

2363.594 $\pm$ 0.682 χ^2 /NDF: 97149.5/16

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 28.136+/-1.065 χ^2 /NDF: 515.7/14

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

Right Out: 21.628+/-1.006 χ^2 /NDF: 538.4/16

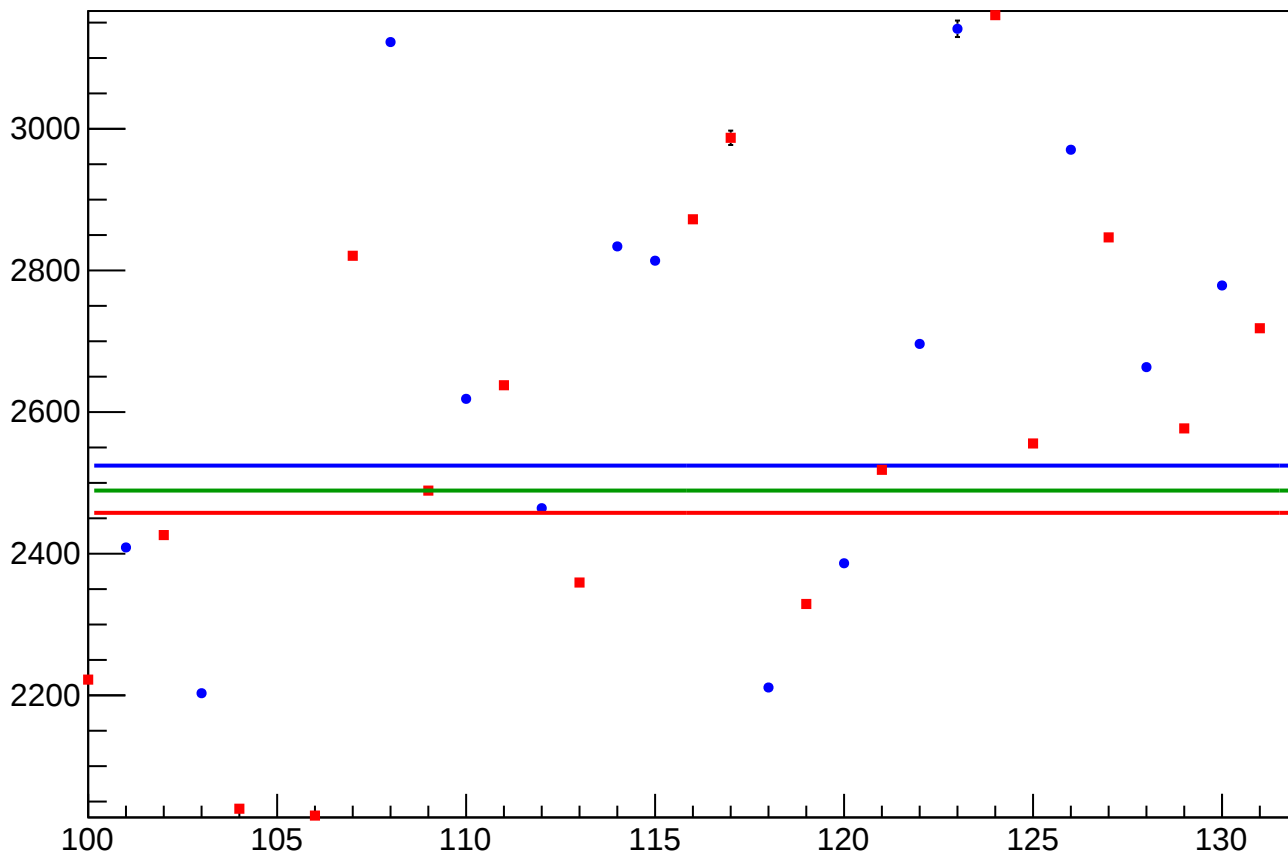
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.136+/-1.065 χ^2 /NDF: 515.7/14

24.697+/-0.731 χ^2 /NDF: 1073.9/31

21.628+/-1.006 χ^2 /NDF: 538.4/16

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2524.421+/-0.753 χ^2/NDF : 118634.4/14

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

Right Out: 2457.714+/-0.711 χ^2/NDF : 143573.1/16

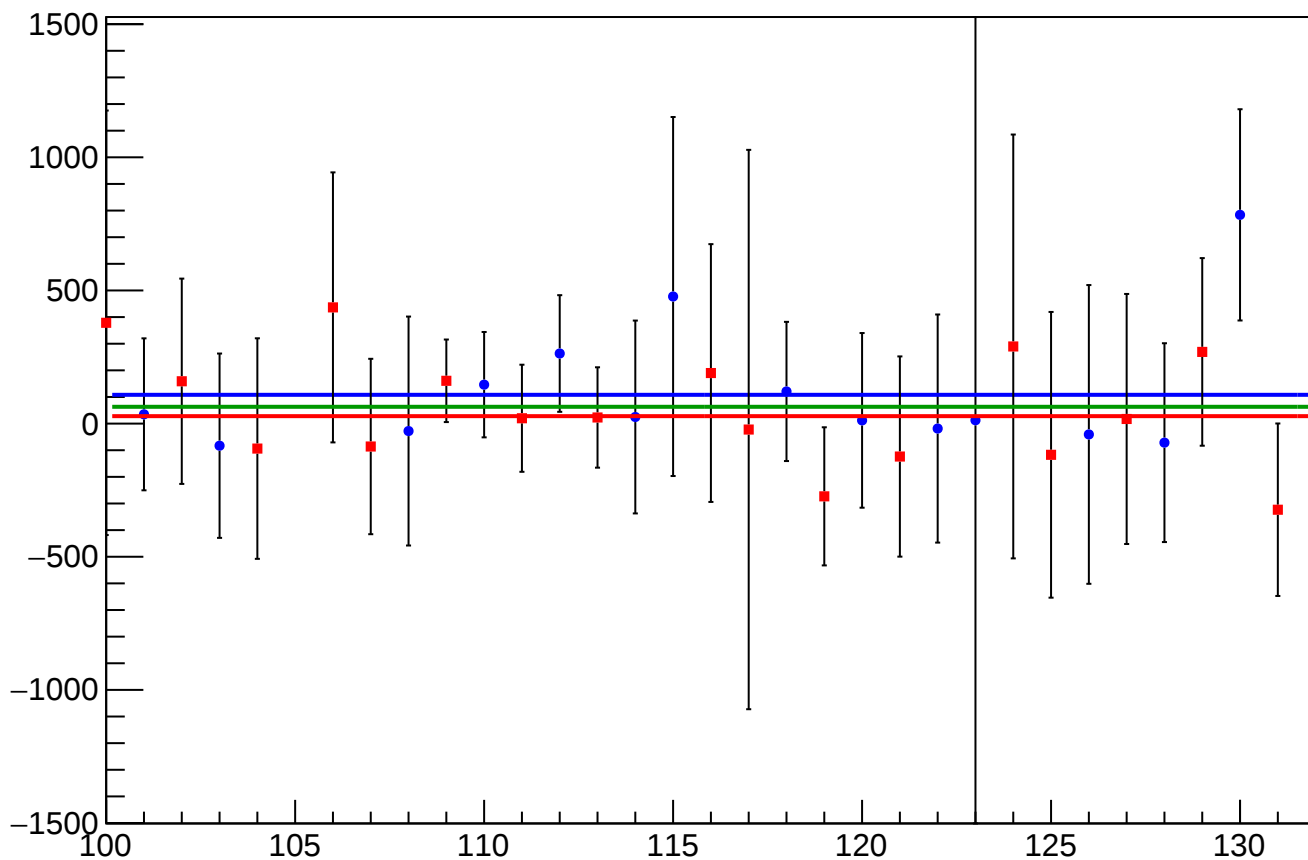
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2524.421+/-0.753 χ^2/NDF : 118634.4/14

2489.173+/-0.517 χ^2/NDF : 266355.4/31

2457.714+/-0.711 χ^2/NDF : 143573.1/16

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 108.112 $\pm$ 85.266 χ^2 /NDF: 5.3/14

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

Right Out: 27.975 $\pm$ 75.368 χ^2 /NDF: 5.4/16

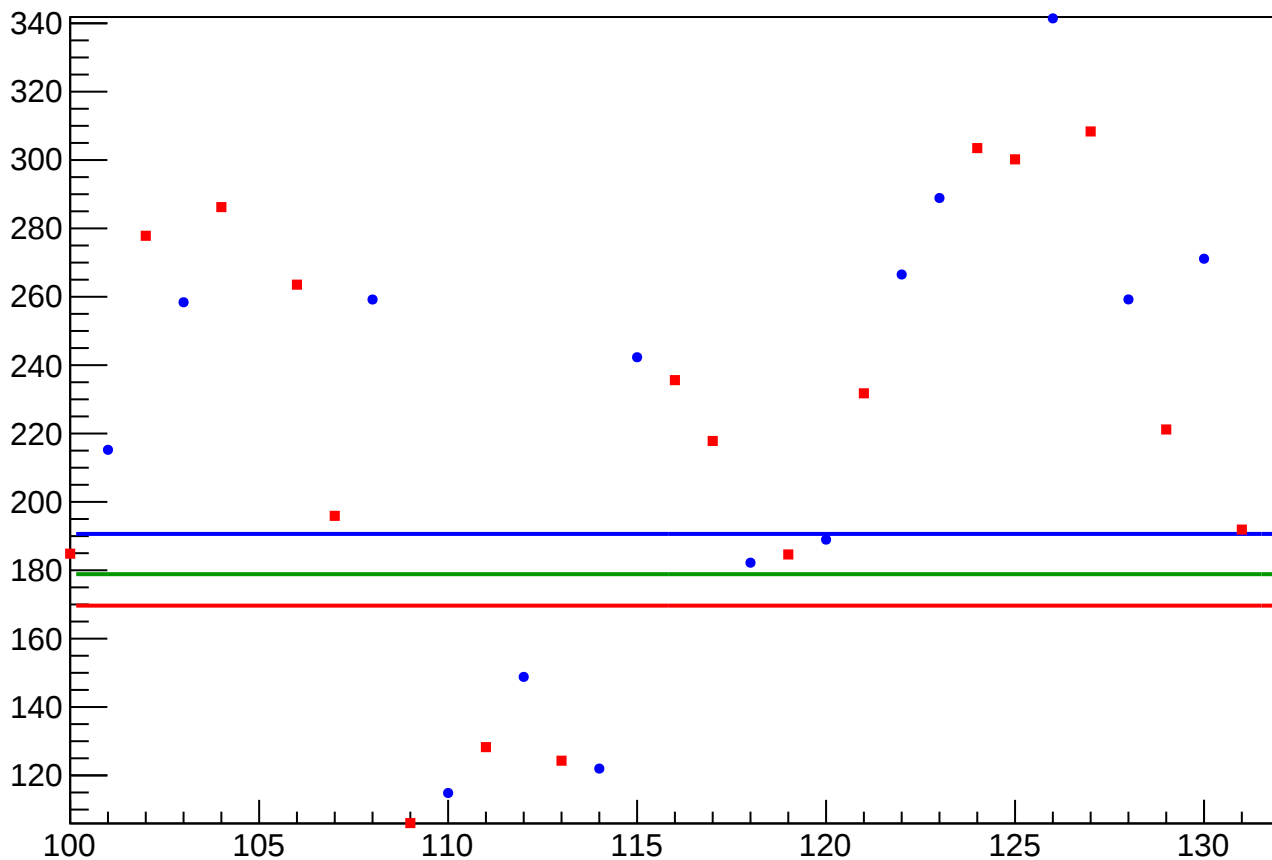
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.112 $\pm$ 85.266 χ^2 /NDF: 5.3/14

63.125 $\pm$ 56.470 χ^2 /NDF: 11.2/31

27.975 $\pm$ 75.368 χ^2 /NDF: 5.4/16

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.633+/-0.060 χ^2/NDF : 967300.4/14

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

Right Out: 169.659+/-0.053 χ^2/NDF : 1439655.1/16

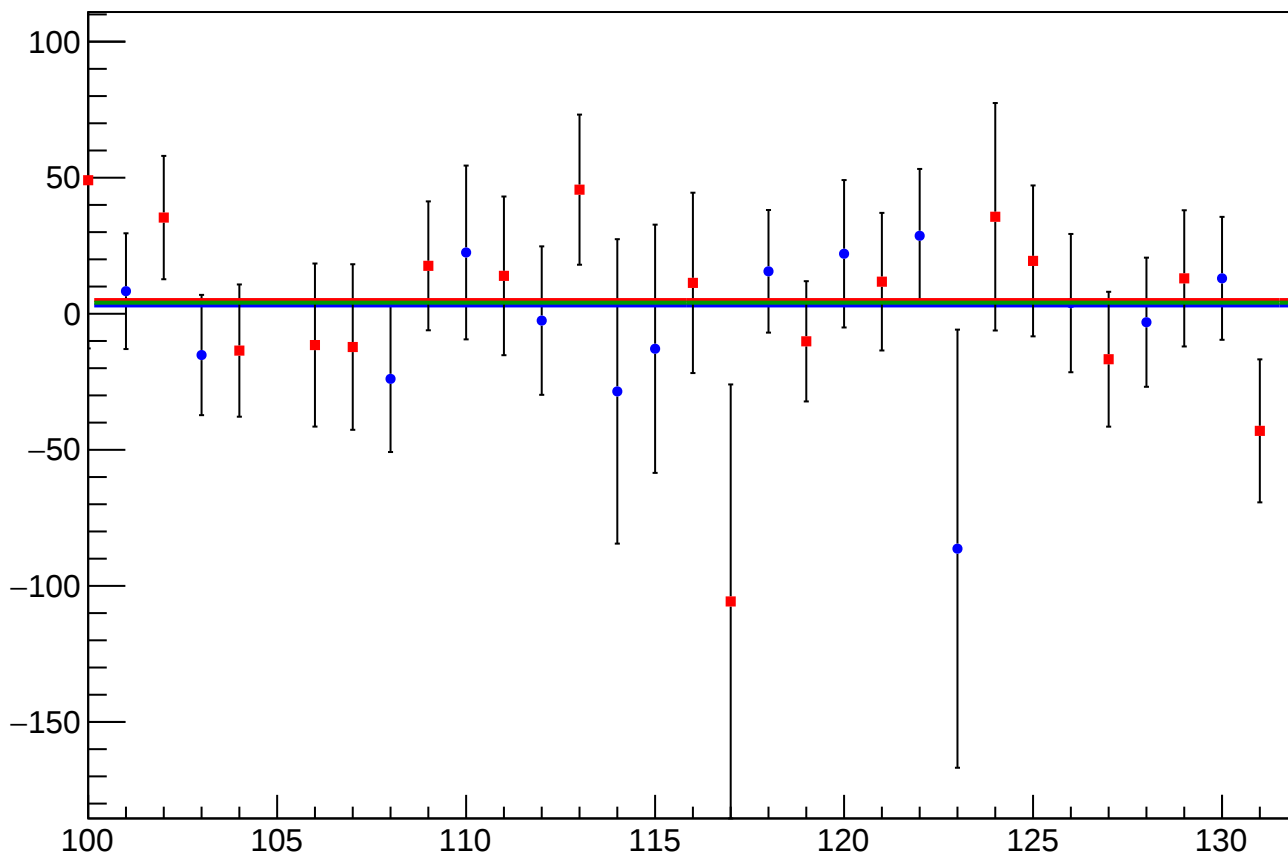
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.633+/-0.060 χ^2/NDF : 967300.4/14

178.858+/-0.040 χ^2/NDF : 2474893.6/31

169.659+/-0.053 χ^2/NDF : 1439655.1/16

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.059+/-6.982 χ^2/NDF : 6.3/14

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

Right Out: 5.039+/-6.805 χ^2/NDF : 13.6/16

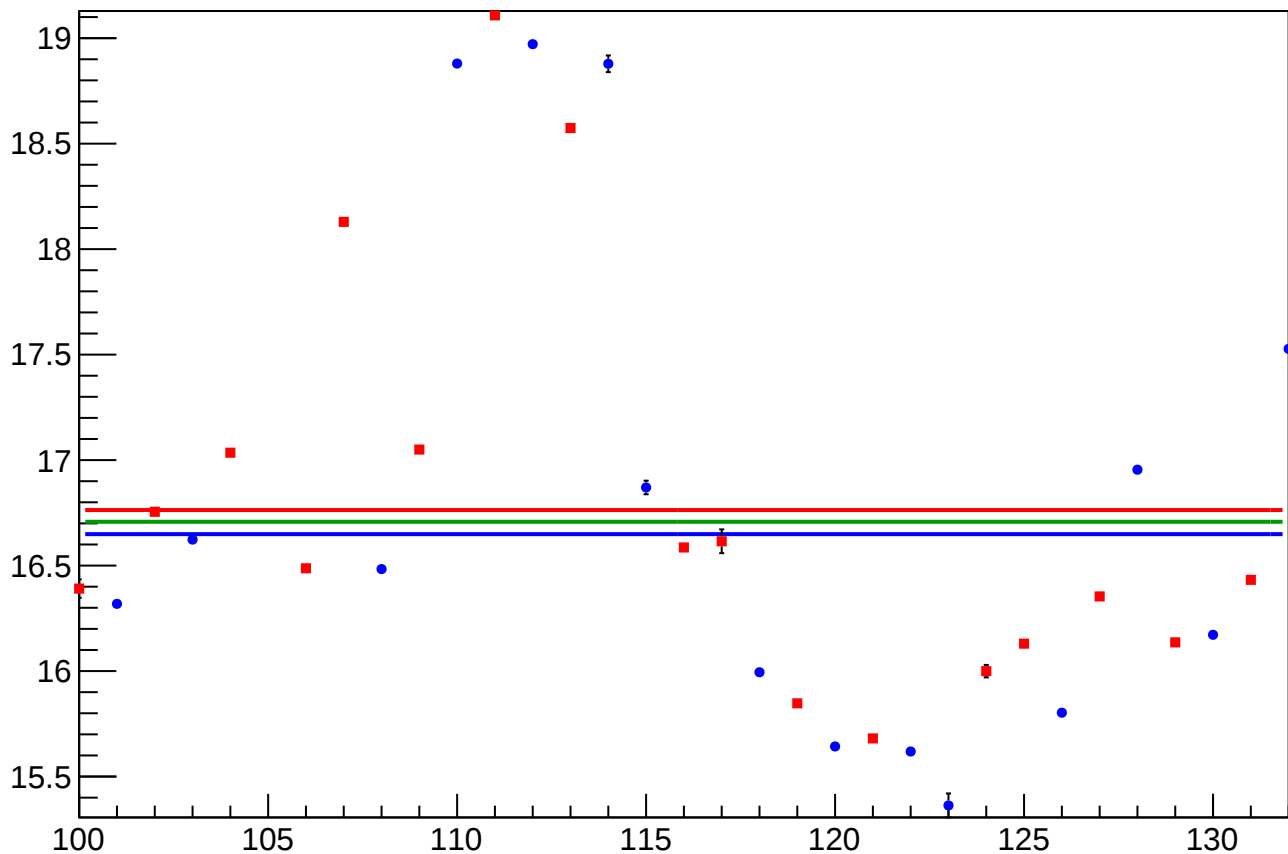
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.059+/-6.982 χ^2/NDF : 6.3/14

4.074+/-4.873 χ^2/NDF : 19.9/31

5.039+/-6.805 χ^2/NDF : 13.6/16

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.649+/-0.005 χ^2/NDF : 41994.4/14

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

Right Out: 16.763+/-0.005 χ^2/NDF : 37371.5/16

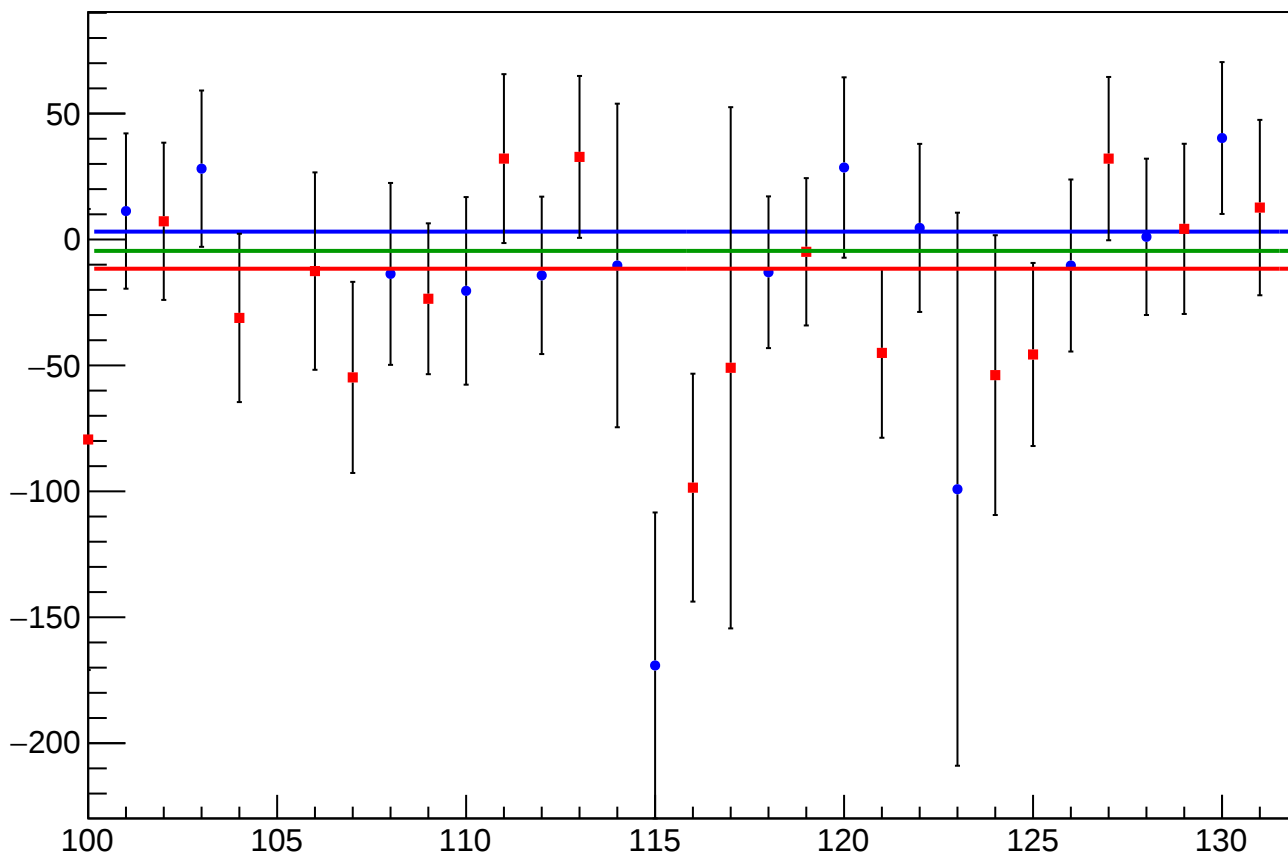
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.649+/-0.005 χ^2/NDF : 41994.4/14

16.708+/-0.003 χ^2/NDF : 79640.8/31

16.763+/-0.005 χ^2/NDF : 37371.5/16

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.125+/-9.219 χ^2/NDF : 15.2/14

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

Right Out: -11.606+/-8.865 χ^2/NDF : 15.2/16

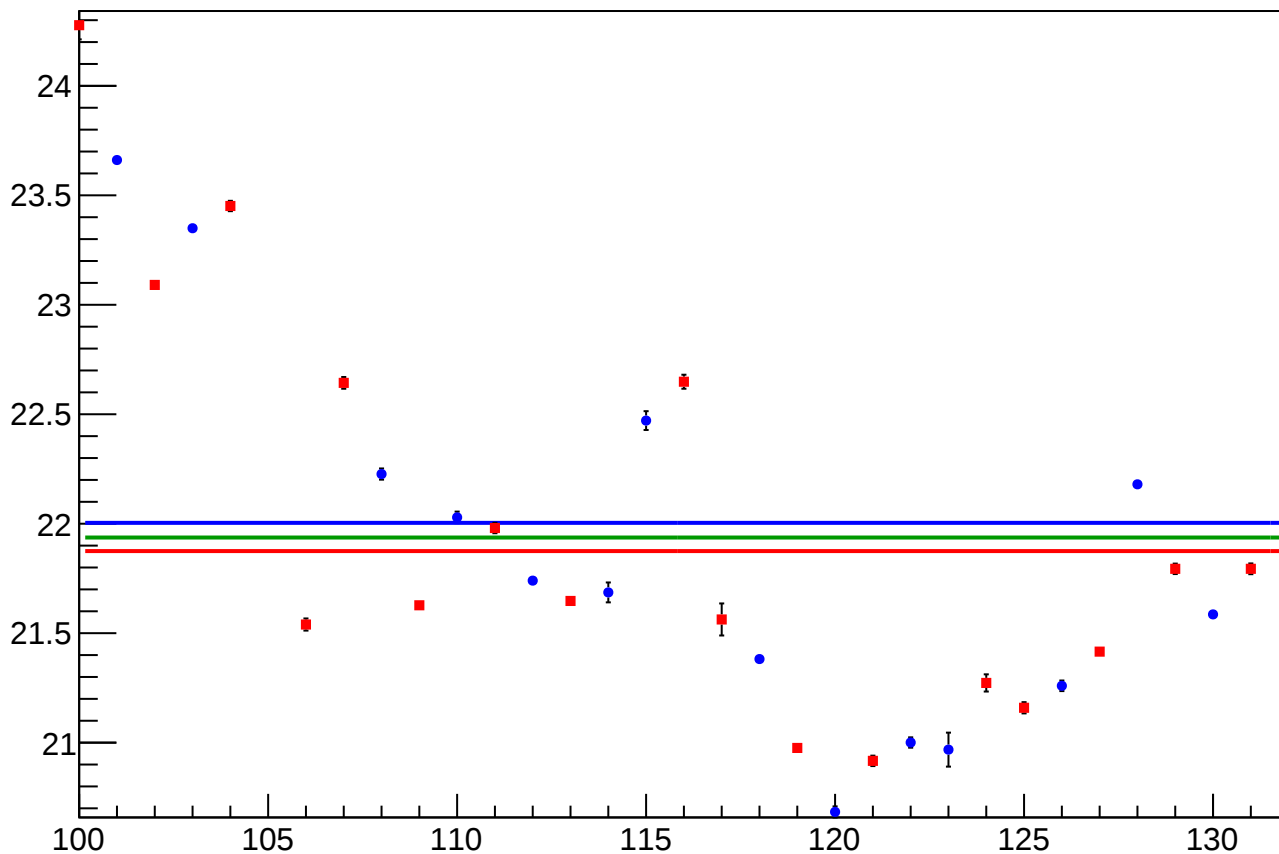
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.125+/-9.219 χ^2/NDF : 15.2/14

-4.529+/-6.390 χ^2/NDF : 31.7/31

-11.606+/-8.865 χ^2/NDF : 15.2/16

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.004+/-0.007 χ^2/NDF : 17537.0/14

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

Right Out: 21.875+/-0.006 χ^2/NDF : 15629.3/16

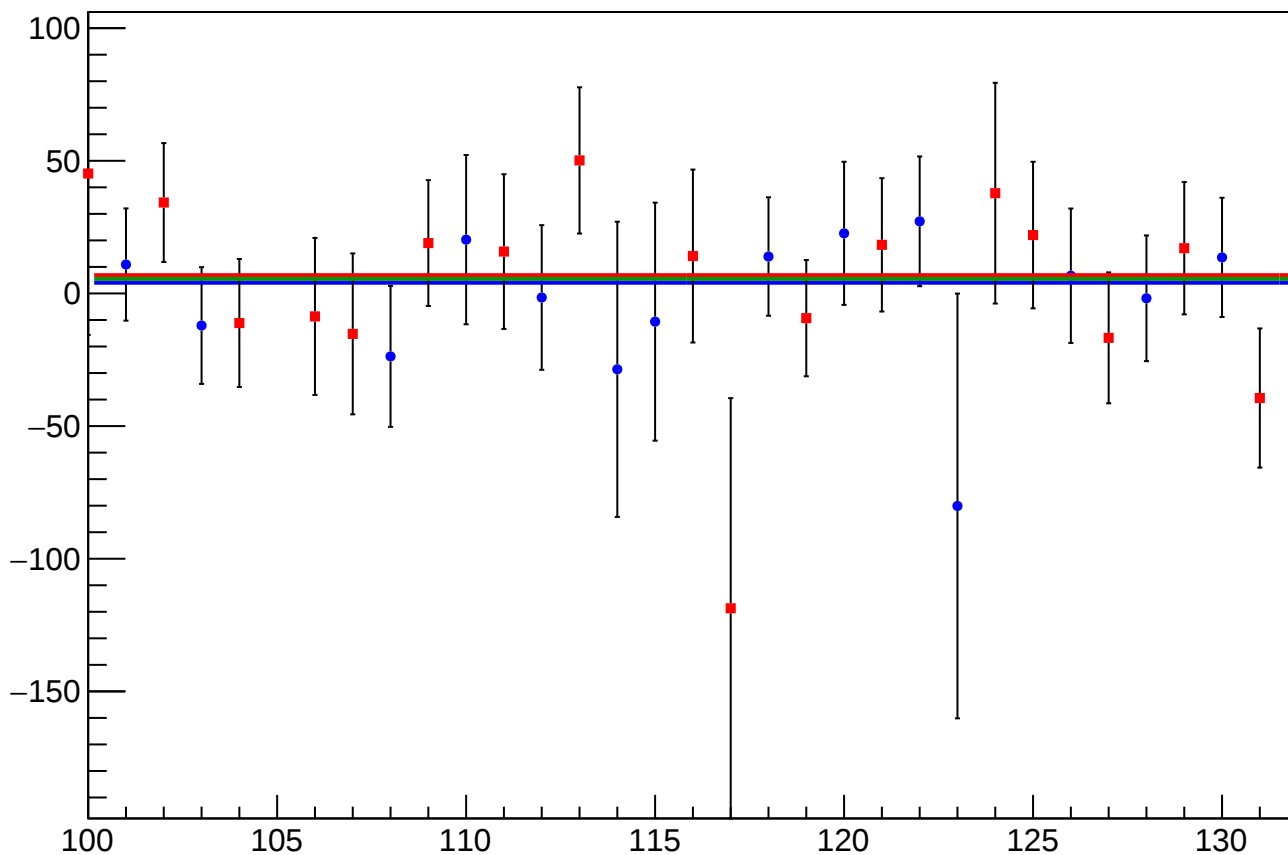
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.004+/-0.007 χ^2/NDF : 17537.0/14

21.937+/-0.005 χ^2/NDF : 33369.6/31

21.875+/-0.006 χ^2/NDF : 15629.3/16

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.045 $\pm$ 6.946 χ^2 /NDF: 5.6/14

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

Right Out: 6.891 $\pm$ 6.767 χ^2 /NDF: 14.4/16

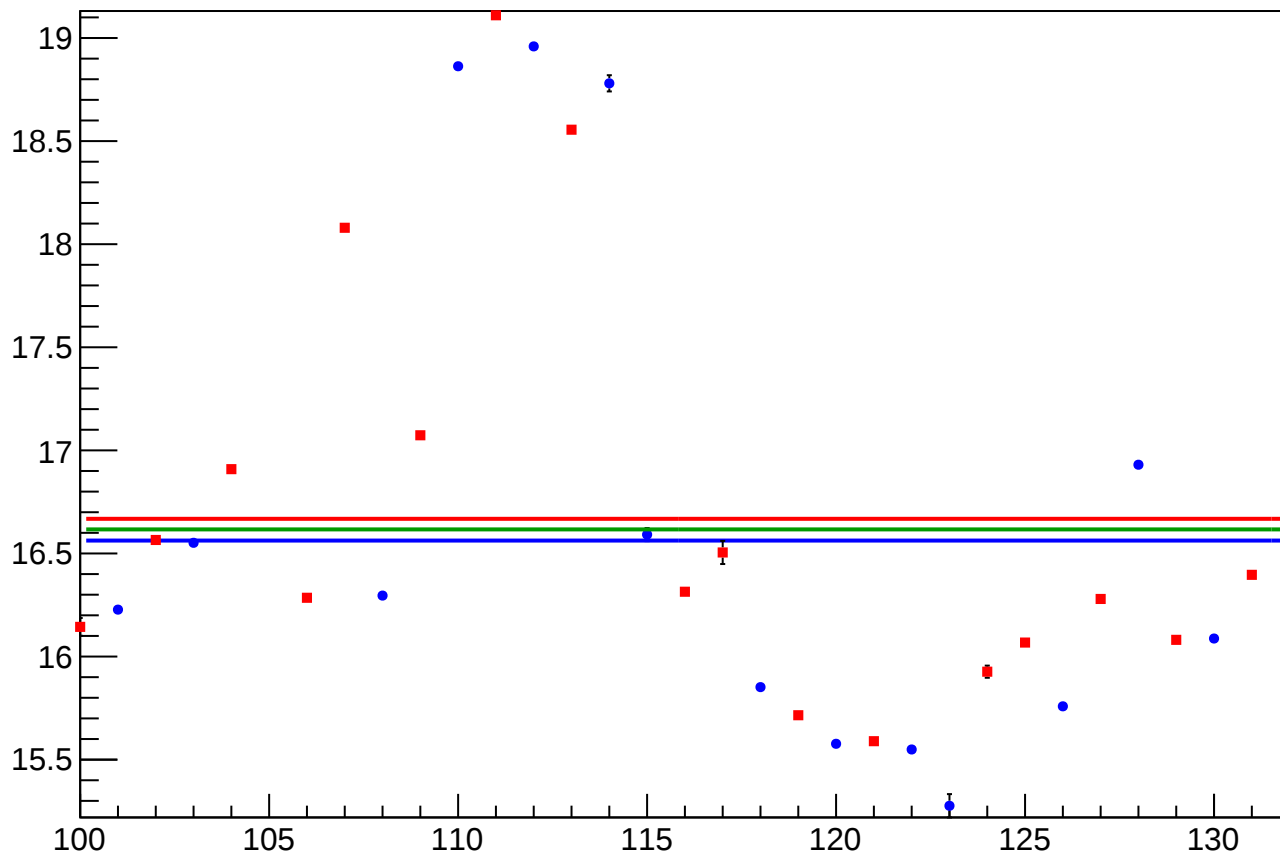
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

4.045 $\pm$ 6.946 χ^2 /NDF: 5.6/14

5.505 $\pm$ 4.847 χ^2 /NDF: 20.2/31

6.891 $\pm$ 6.767 χ^2 /NDF: 14.4/16

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.563 ± 0.005 $\chi^2/\text{NDF}: 43755.7/14$

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

Right Out: 16.668 ± 0.005 $\chi^2/\text{NDF}: 40154.6/16$

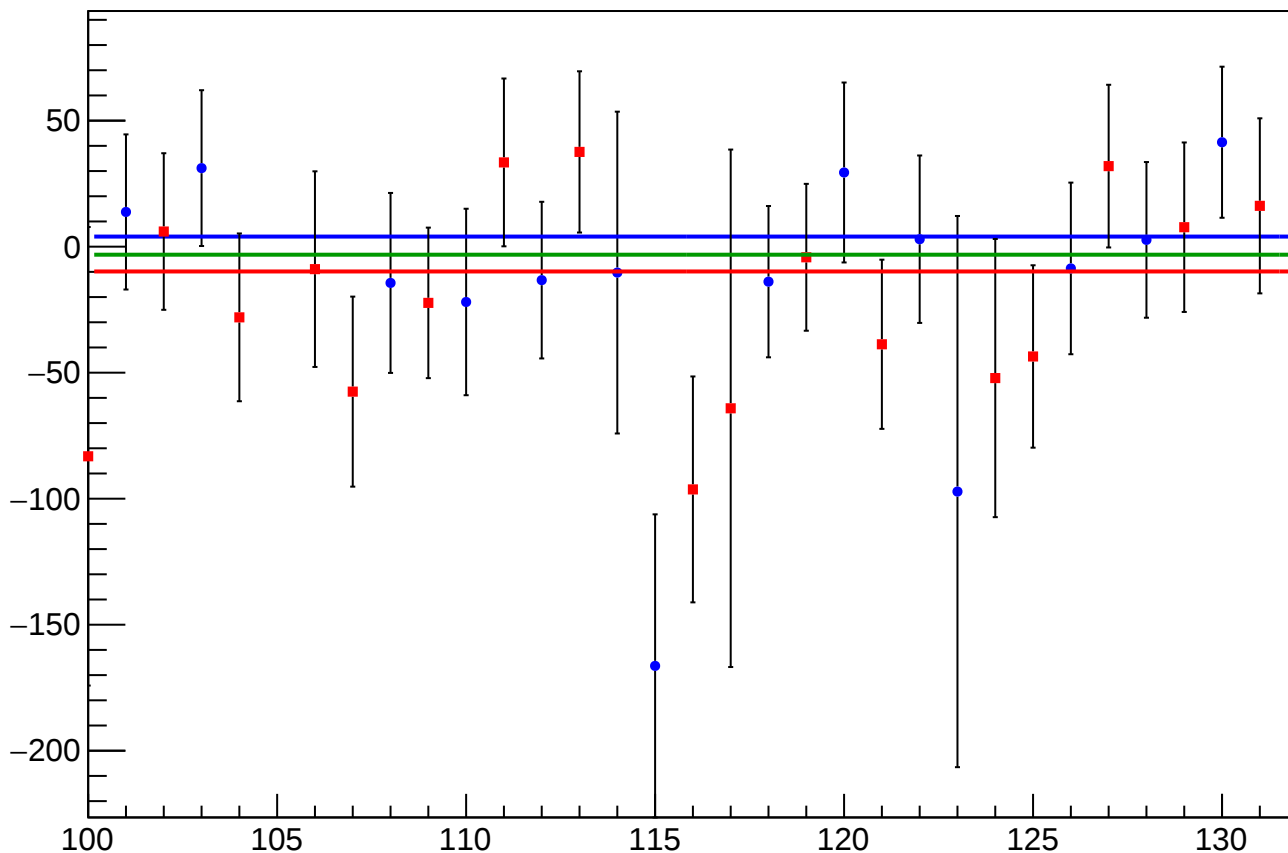
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

16.563 ± 0.005 $\chi^2/\text{NDF}: 43755.7/14$

16.617 ± 0.003 $\chi^2/\text{NDF}: 84146.8/31$

16.668 ± 0.005 $\chi^2/\text{NDF}: 40154.6/16$

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.005 ± 9.175 χ^2/NDF : 15.8/14

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

Right Out: -9.841 ± 8.821 χ^2/NDF : 15.6/16

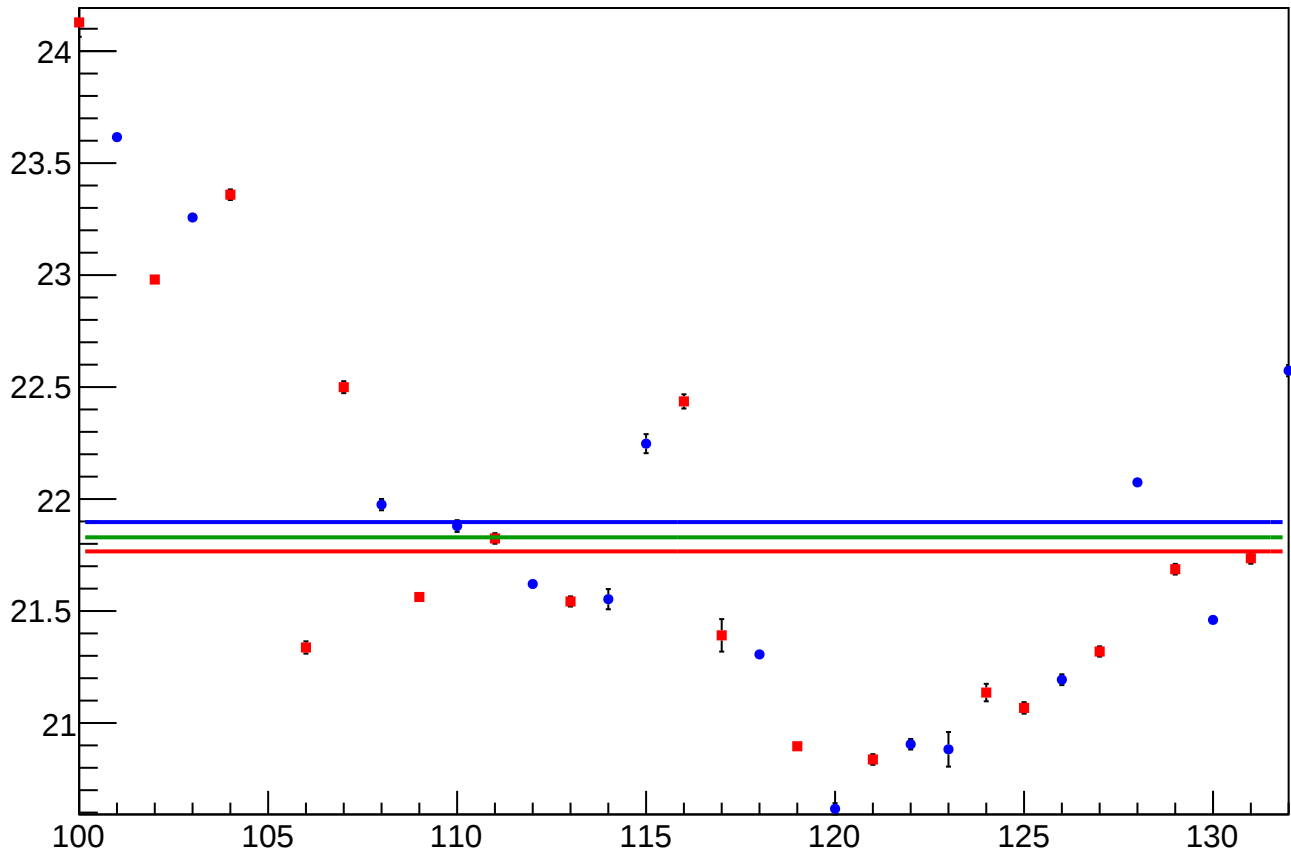
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.005 ± 9.175 χ^2/NDF : 15.8/14

-3.190 ± 6.359 χ^2/NDF : 32.6/31

-9.841 ± 8.821 χ^2/NDF : 15.6/16

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.897 ± 0.006 $\chi^2/\text{NDF}: 17783.8/14$

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

Right Out: 21.766 ± 0.006 $\chi^2/\text{NDF}: 15371.7/16$

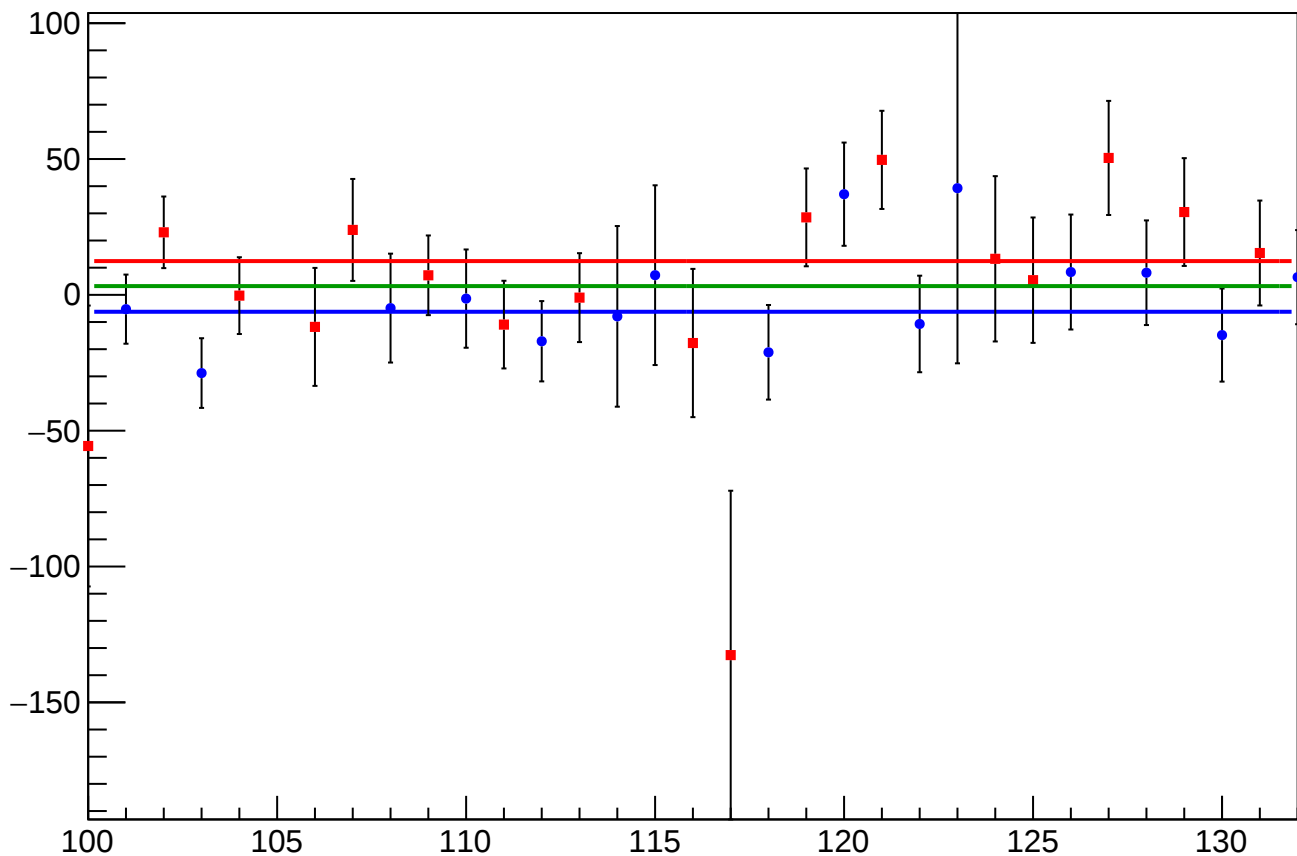
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

21.897 ± 0.006 $\chi^2/\text{NDF}: 17783.8/14$

21.829 ± 0.004 $\chi^2/\text{NDF}: 33366.8/31$

21.766 ± 0.006 $\chi^2/\text{NDF}: 15371.7/16$

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.222+/-4.696 χ^2 /NDF: 12.2/14

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

Right Out: 12.429+/-4.635 χ^2 /NDF: 23.9/16

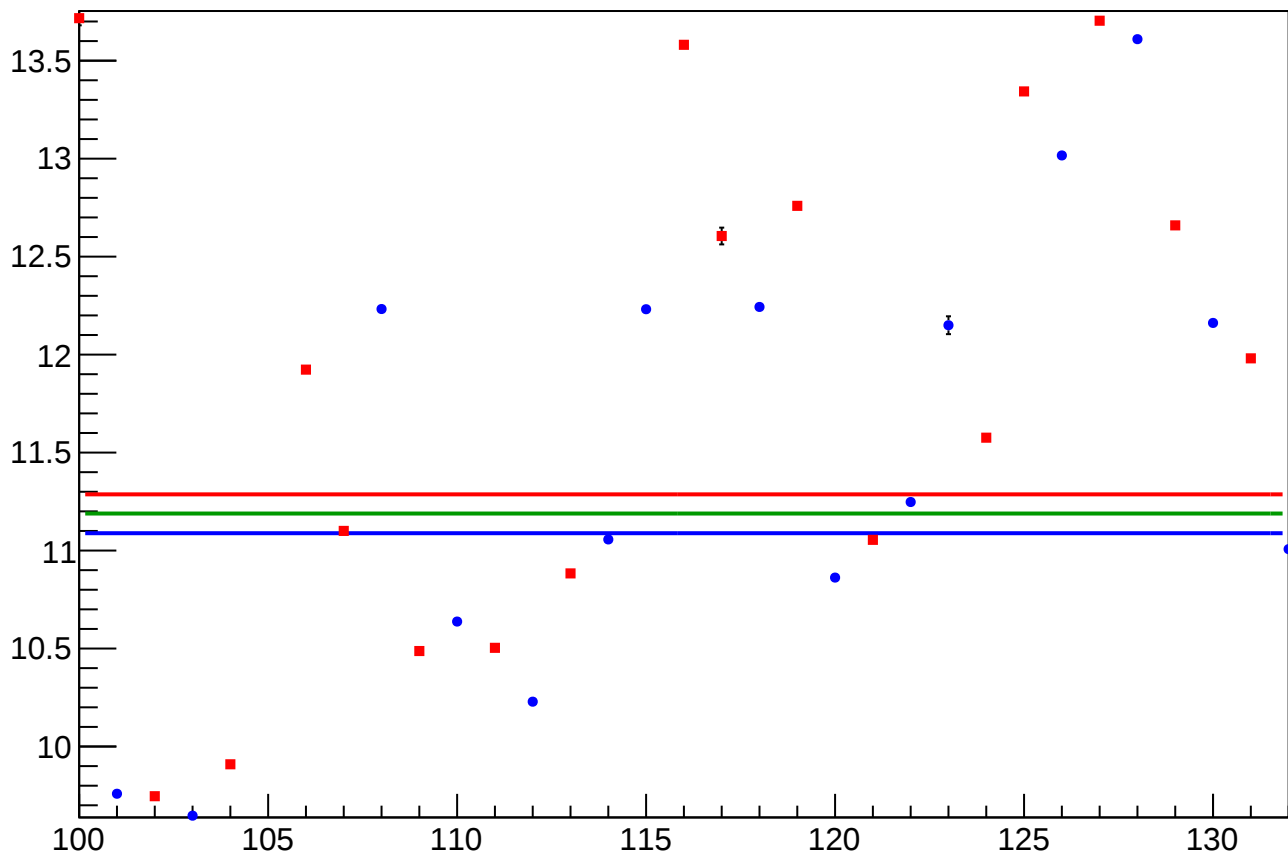
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.222+/-4.696 χ^2 /NDF: 12.2/14

3.225+/-3.299 χ^2 /NDF: 44.1/31

12.429+/-4.635 χ^2 /NDF: 23.9/16

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.089+/-0.003 χ^2/NDF : 132586.2/14

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

Right Out: 11.287+/-0.003 χ^2/NDF : 148064.9/16

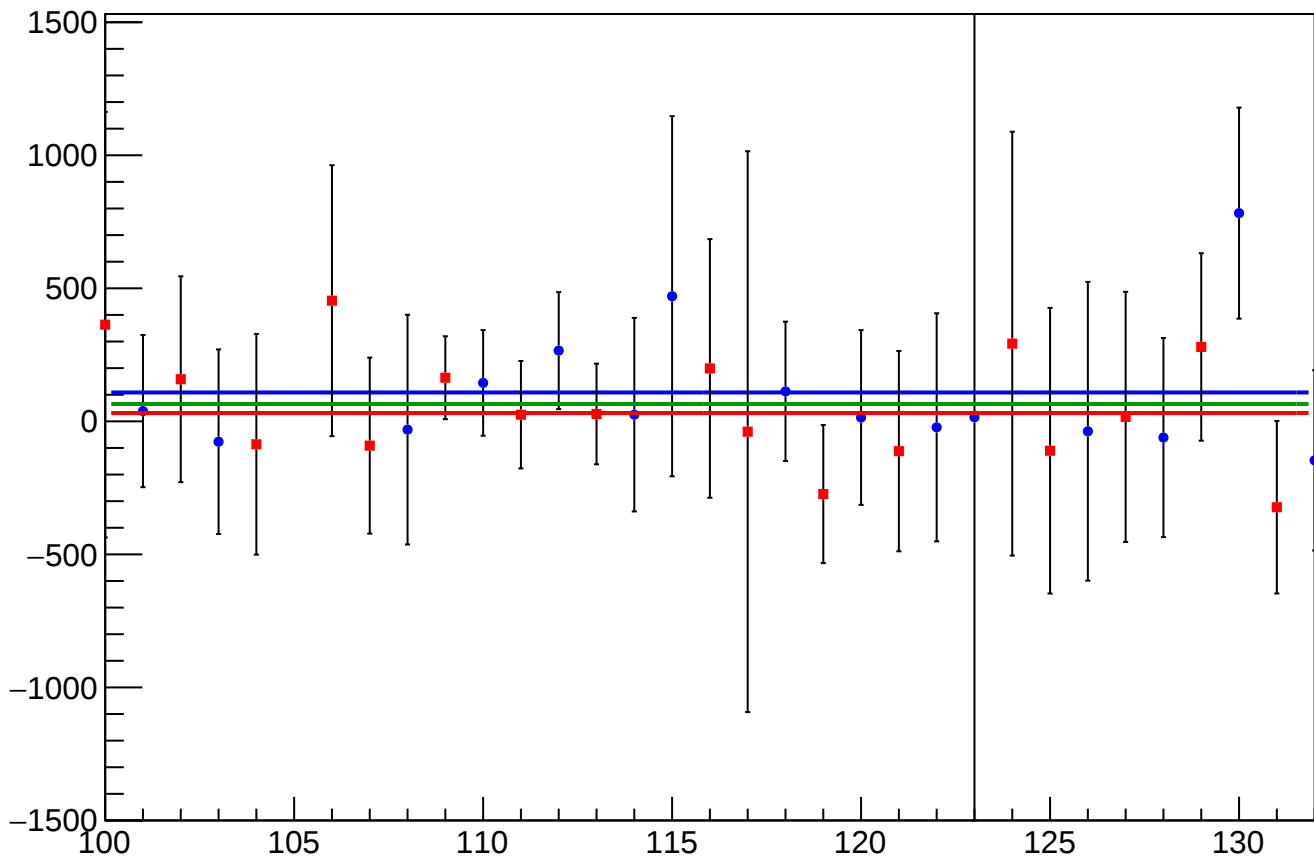
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.089+/-0.003 χ^2/NDF : 132586.2/14

11.189+/-0.002 χ^2/NDF : 282457.1/31

11.287+/-0.003 χ^2/NDF : 148064.9/16

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 108.583 ± 85.495 $\chi^2/\text{NDF}: 5.2/14$

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

Right Out: 31.387 ± 75.604 $\chi^2/\text{NDF}: 5.4/16$

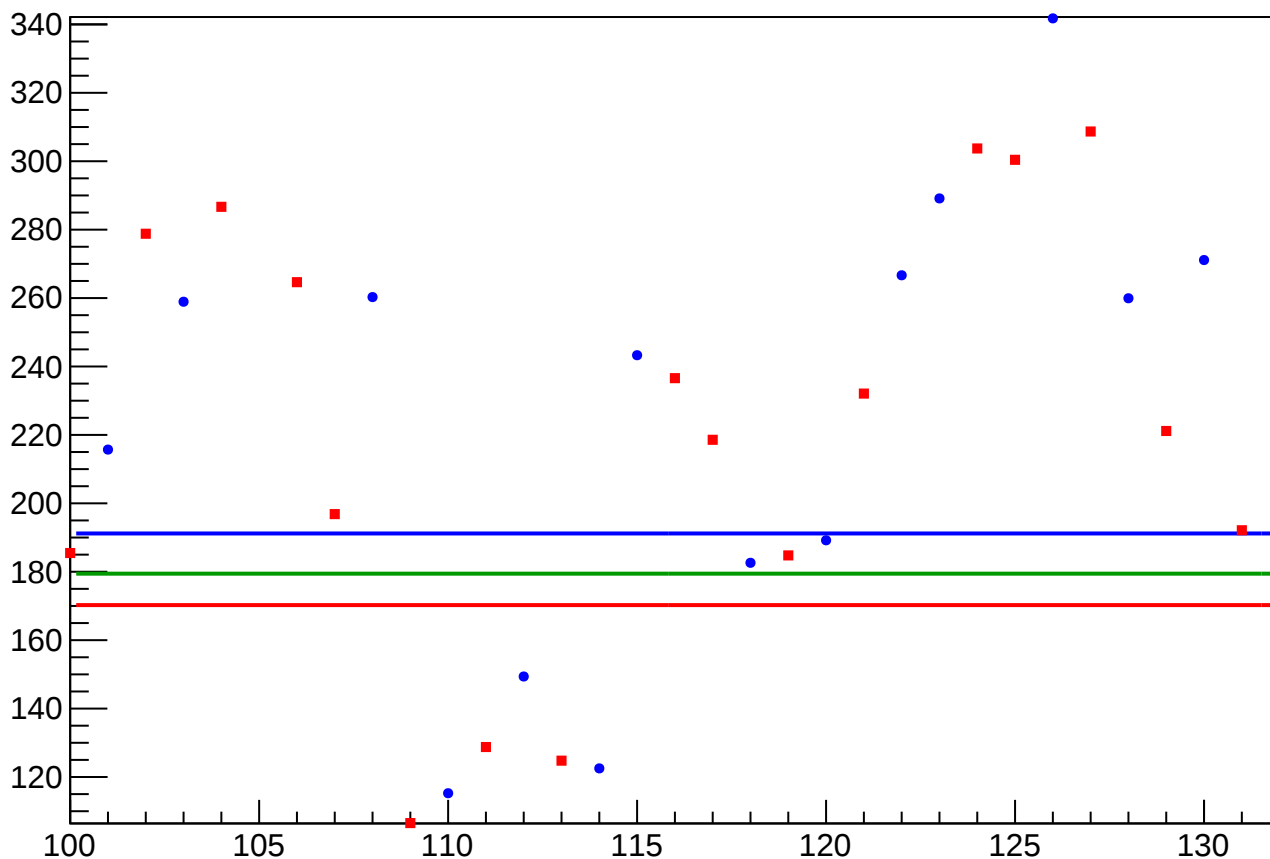
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

108.583 ± 85.495 $\chi^2/\text{NDF}: 5.2/14$

65.263 ± 56.636 $\chi^2/\text{NDF}: 11.1/31$

31.387 ± 75.604 $\chi^2/\text{NDF}: 5.4/16$

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.190+/-0.060 χ^2/NDF : 962413.3/14

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

Right Out: 170.252+/-0.053 χ^2/NDF : 1432183.8/16

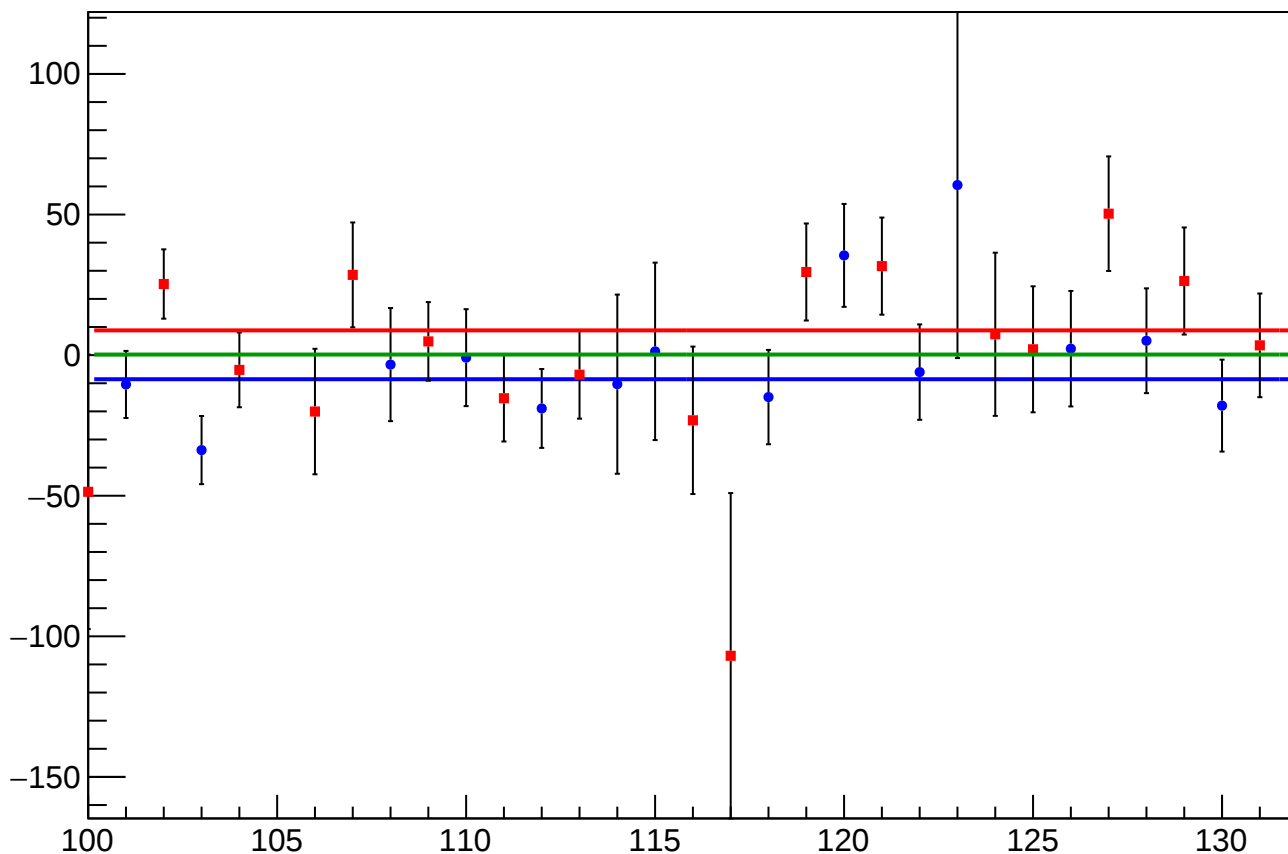
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.190+/-0.060 χ^2/NDF : 962413.3/14

179.440+/-0.040 χ^2/NDF : 2461915.8/31

170.252+/-0.053 χ^2/NDF : 1432183.8/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.564 ± 4.486 χ^2/NDF : 13.8/14

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

Right Out: 8.806 ± 4.440 χ^2/NDF : 24.5/16

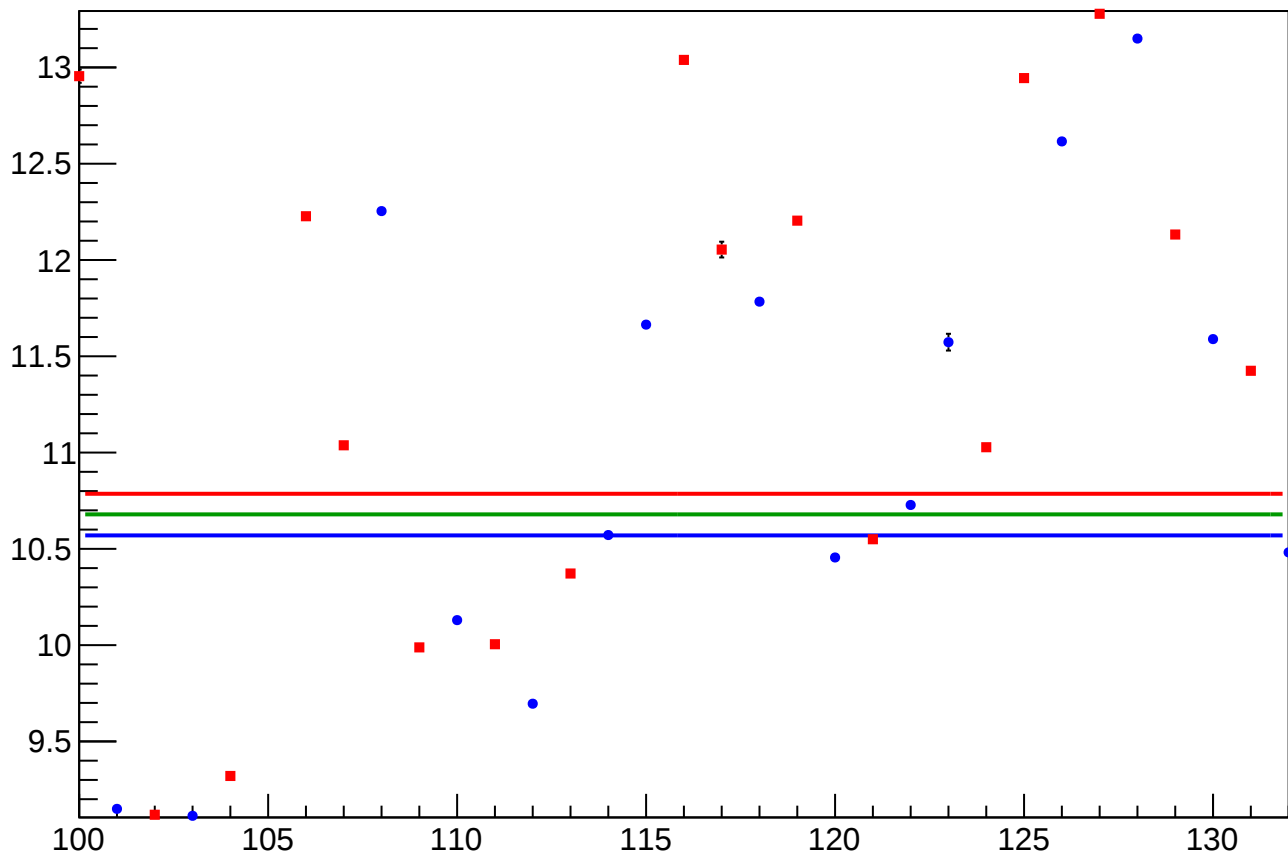
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.564 ± 4.486 χ^2/NDF : 13.8/14

0.212 ± 3.156 χ^2/NDF : 45.9/31

8.806 ± 4.440 χ^2/NDF : 24.5/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.570+/-0.003 χ^2/NDF : 160017.4/14

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

Right Out: 10.786+/-0.003 χ^2/NDF : 177251.6/16

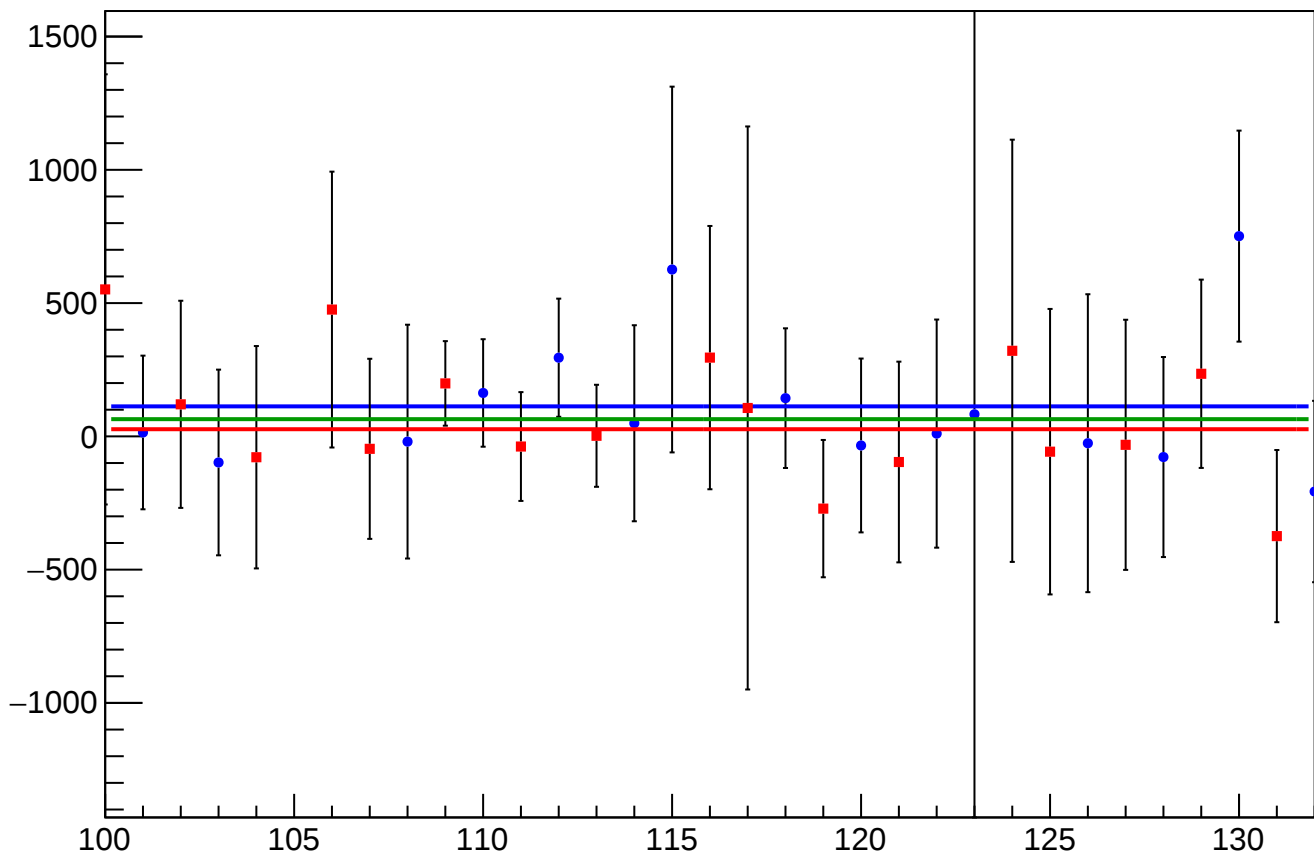
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.570+/-0.003 χ^2/NDF : 160017.4/14

10.679+/-0.002 χ^2/NDF : 339615.4/31

10.786+/-0.003 χ^2/NDF : 177251.6/16

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 112.539+/-86.023 χ^2/NDF : 6.0/14

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

Right Out: 26.819+/-76.297 χ^2/NDF : 6.4/16

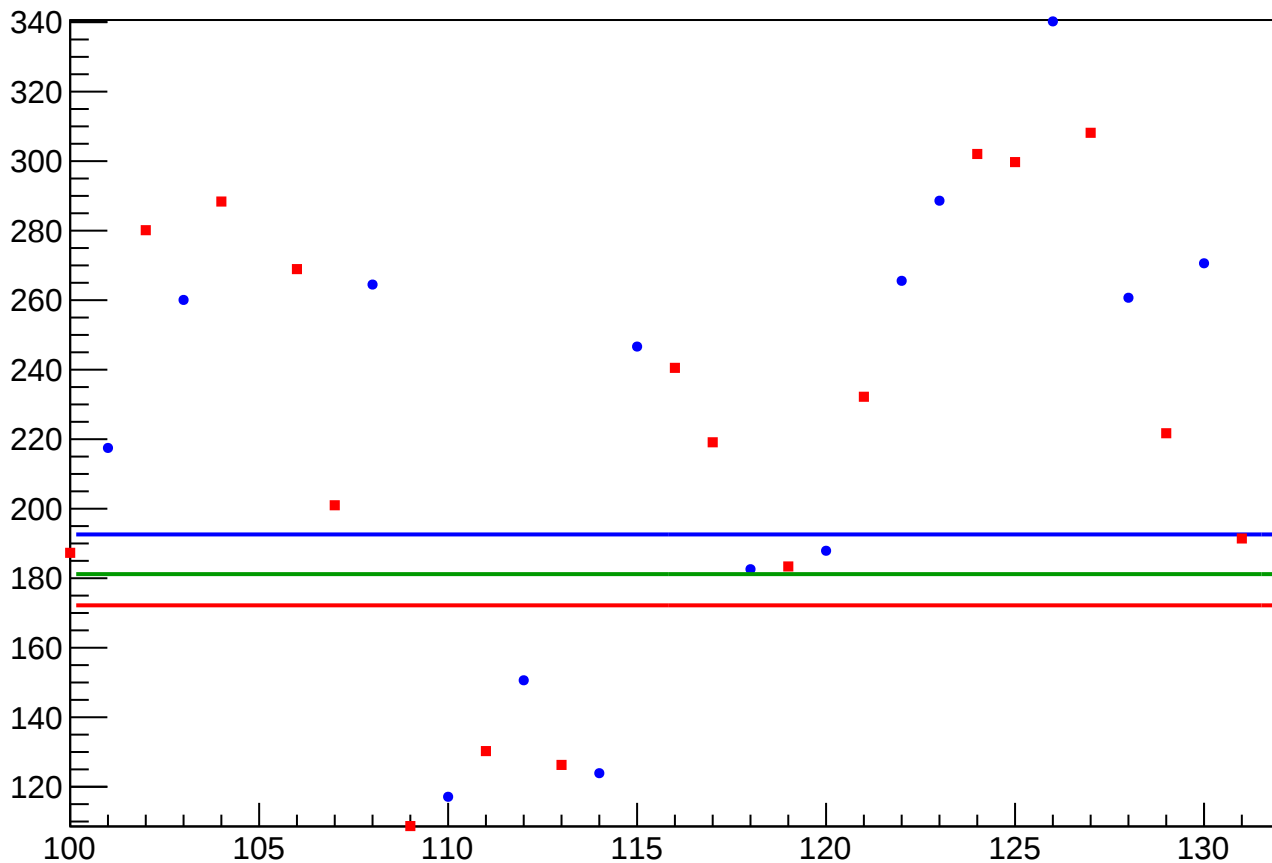
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.539+/-86.023 χ^2/NDF : 6.0/14

64.561+/-57.080 χ^2/NDF : 13.0/31

26.819+/-76.297 χ^2/NDF : 6.4/16

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.598 $\pm$ 0.061 χ^2 /NDF: 936994.7/14

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

Right Out: 172.198 $\pm$ 0.054 χ^2 /NDF: 1392897.3/16

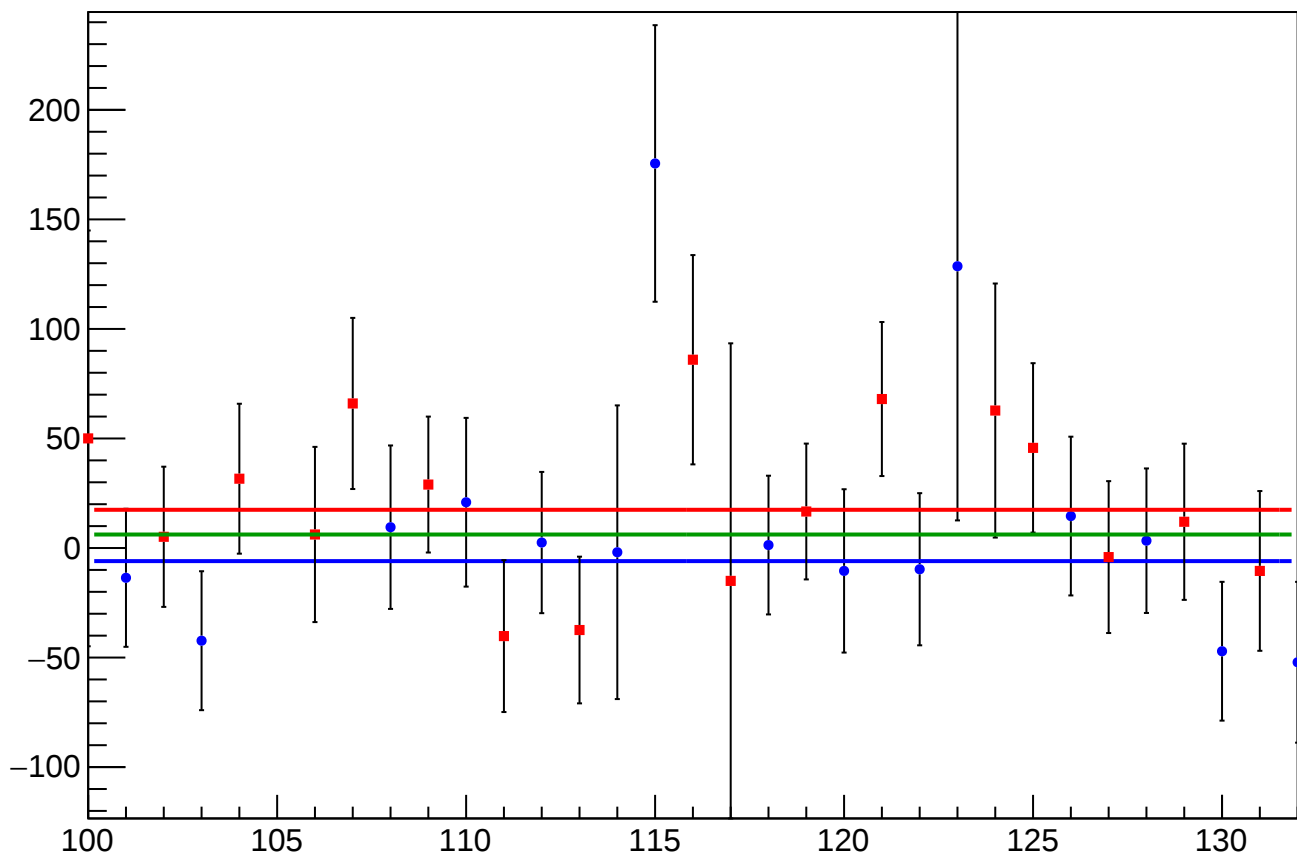
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

192.598 $\pm$ 0.061 χ^2 /NDF: 936994.7/14

181.180 $\pm$ 0.040 χ^2 /NDF: 2392843.9/31

172.198 $\pm$ 0.054 χ^2 /NDF: 1392897.3/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.977+/-9.591 χ^2/NDF : 15.5/14

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

Right Out: 17.449+/-9.246 χ^2/NDF : 14.0/16

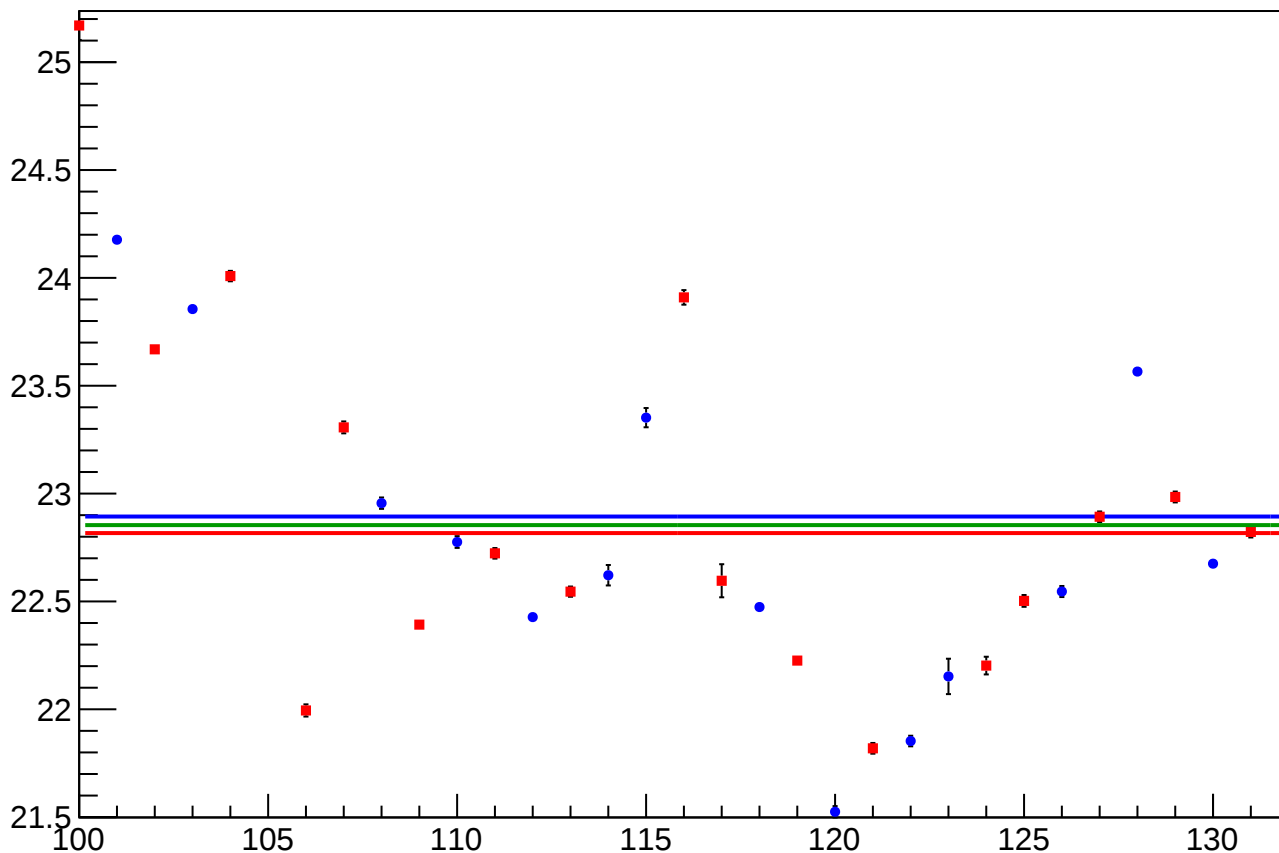
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.977+/-9.591 χ^2/NDF : 15.5/14

6.165+/-6.657 χ^2/NDF : 32.6/31

17.449+/-9.246 χ^2/NDF : 14.0/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.894+/-0.007 χ^2/NDF : 12136.4/14

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

Right Out: 22.817+/-0.007 χ^2/NDF : 10557.4/16

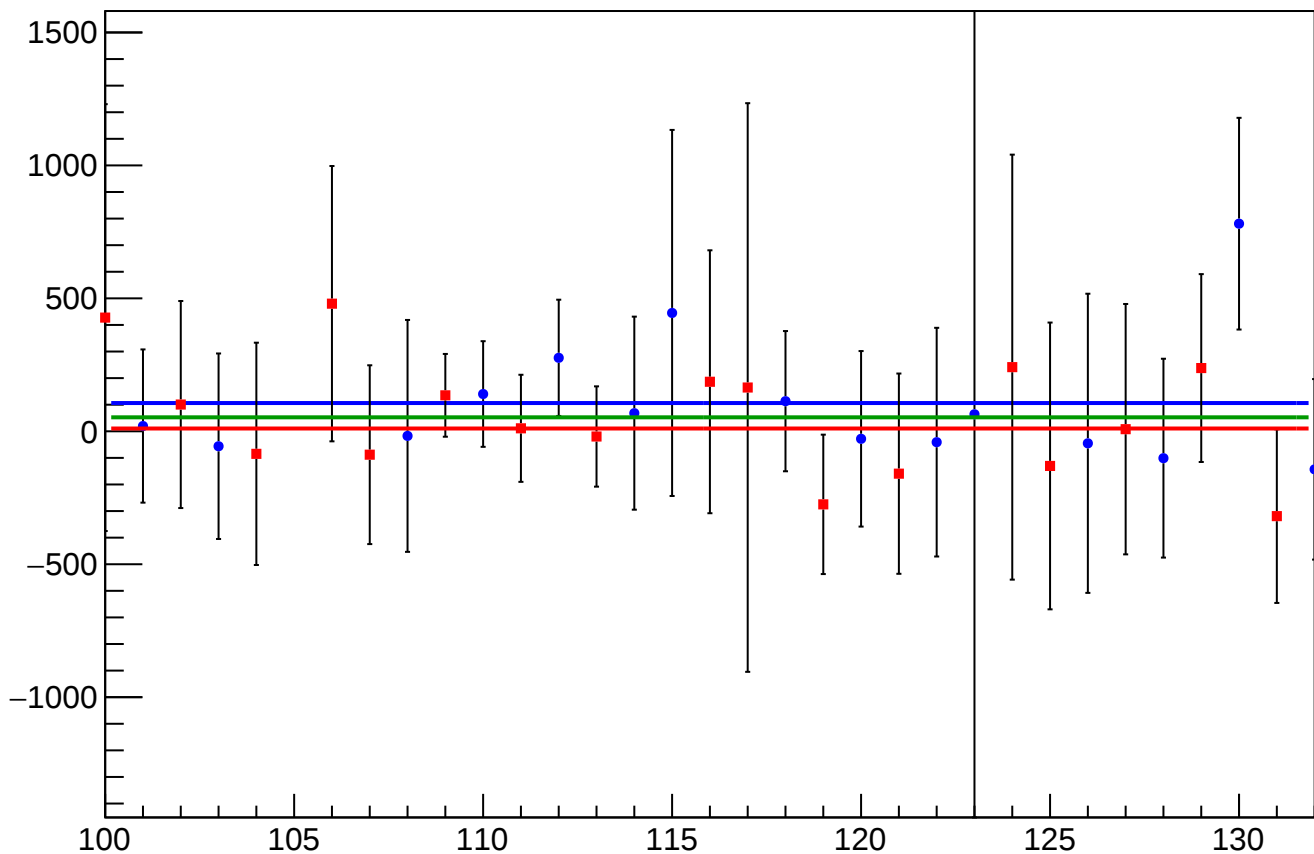
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.894+/-0.007 χ^2/NDF : 12136.4/14

22.854+/-0.005 χ^2/NDF : 22760.1/31

22.817+/-0.007 χ^2/NDF : 10557.4/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.279 $\pm$ 85.693 χ^2 /NDF: 5.3/14

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

Right Out: 10.497 $\pm$ 75.818 χ^2 /NDF: 5.1/16

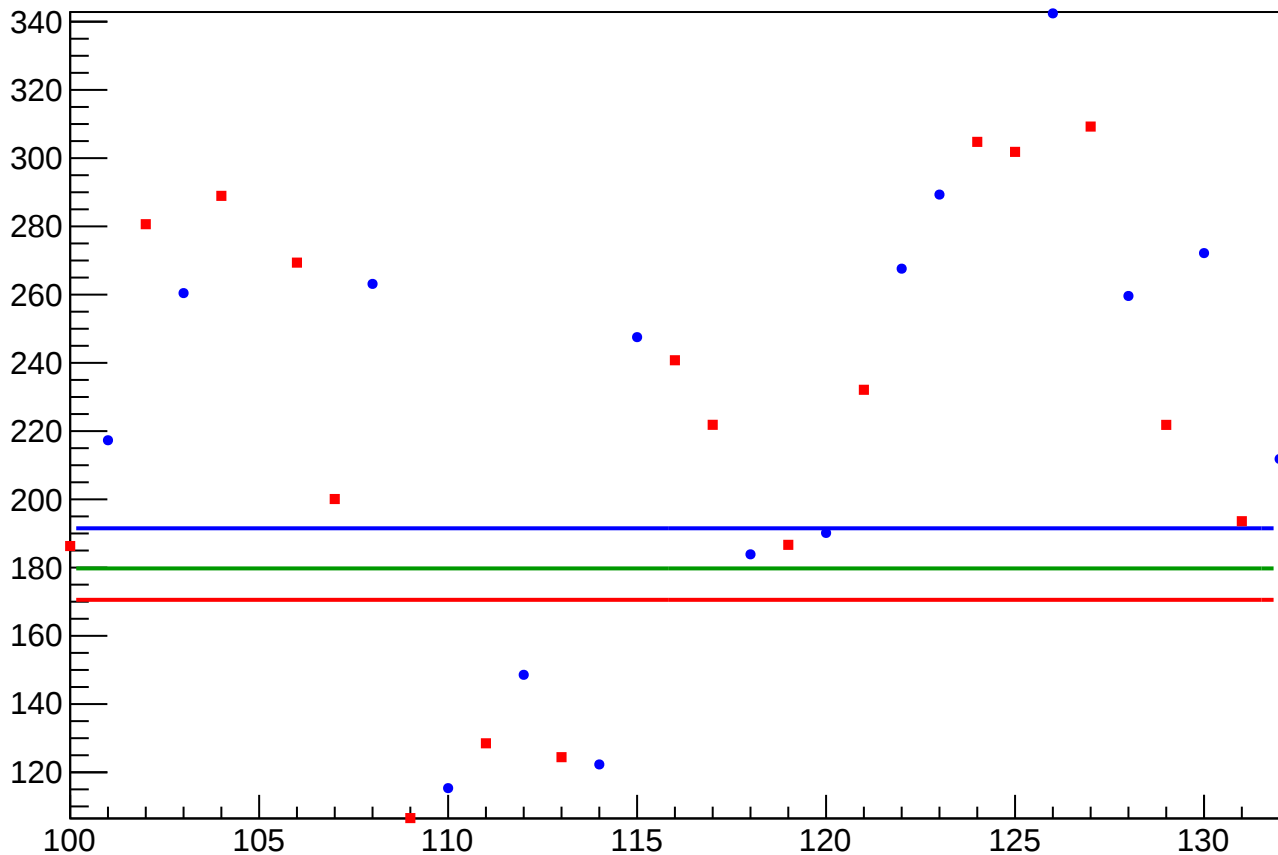
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

106.279 $\pm$ 85.693 χ^2 /NDF: 5.3/14

52.554 $\pm$ 56.783 χ^2 /NDF: 11.1/31

10.497 $\pm$ 75.818 χ^2 /NDF: 5.1/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.516 $\pm$ 0.061 χ^2 /NDF: 977188.6/14

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

Right Out: 170.552 $\pm$ 0.054 χ^2 /NDF: 1460451.1/16

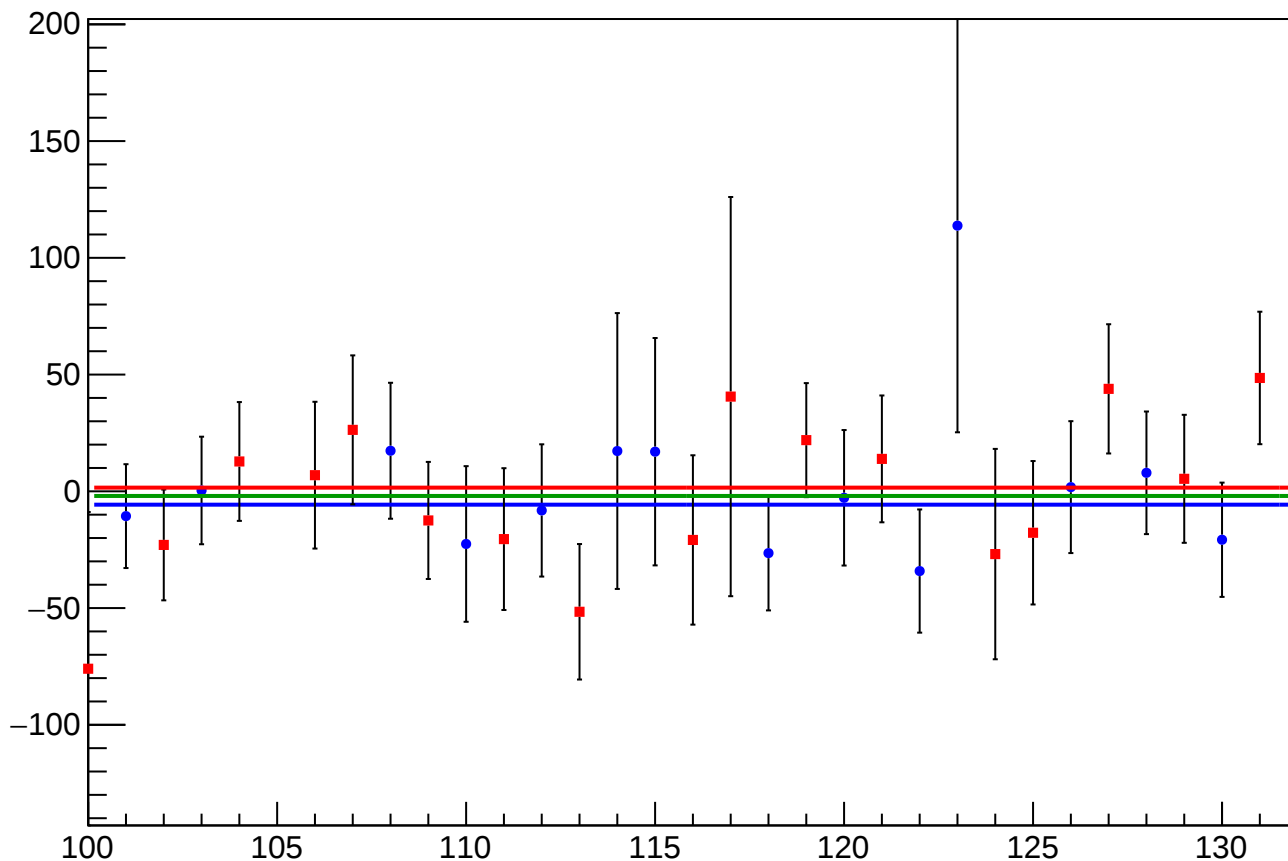
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.516 $\pm$ 0.061 χ^2 /NDF: 977188.6/14

179.757 $\pm$ 0.040 χ^2 /NDF: 2504785.4/31

170.552 $\pm$ 0.054 χ^2 /NDF: 1460451.1/16

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.720+/-7.471 χ^2/NDF : 6.4/14

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

Right Out: 1.582+/-7.300 χ^2/NDF : 14.8/16

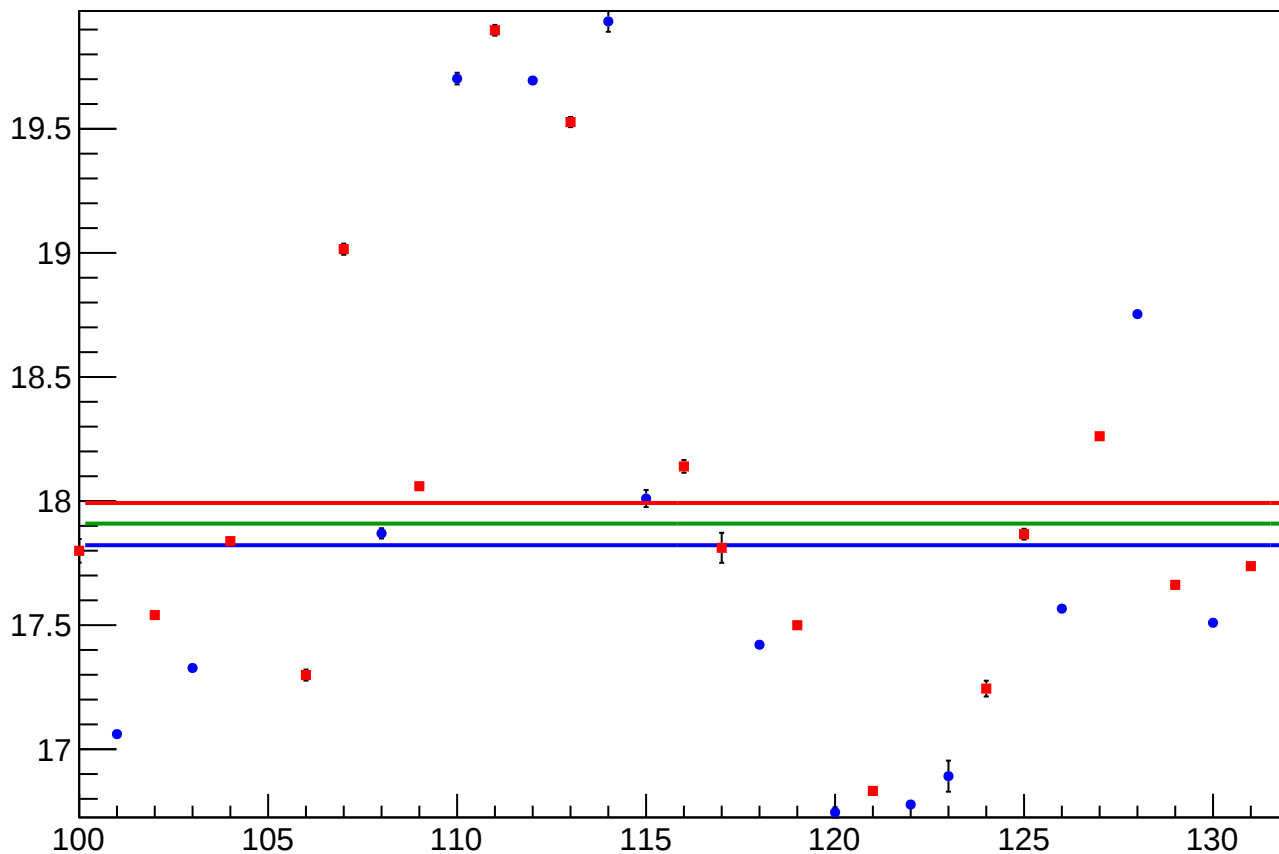
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.720+/-7.471 χ^2/NDF : 6.4/14

-1.985+/-5.221 χ^2/NDF : 21.7/31

1.582+/-7.300 χ^2/NDF : 14.8/16

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.822 $\pm$ 0.005 χ^2/NDF : 31588.5/14

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

Right Out: 17.992 $\pm$ 0.005 χ^2/NDF : 23059.9/16

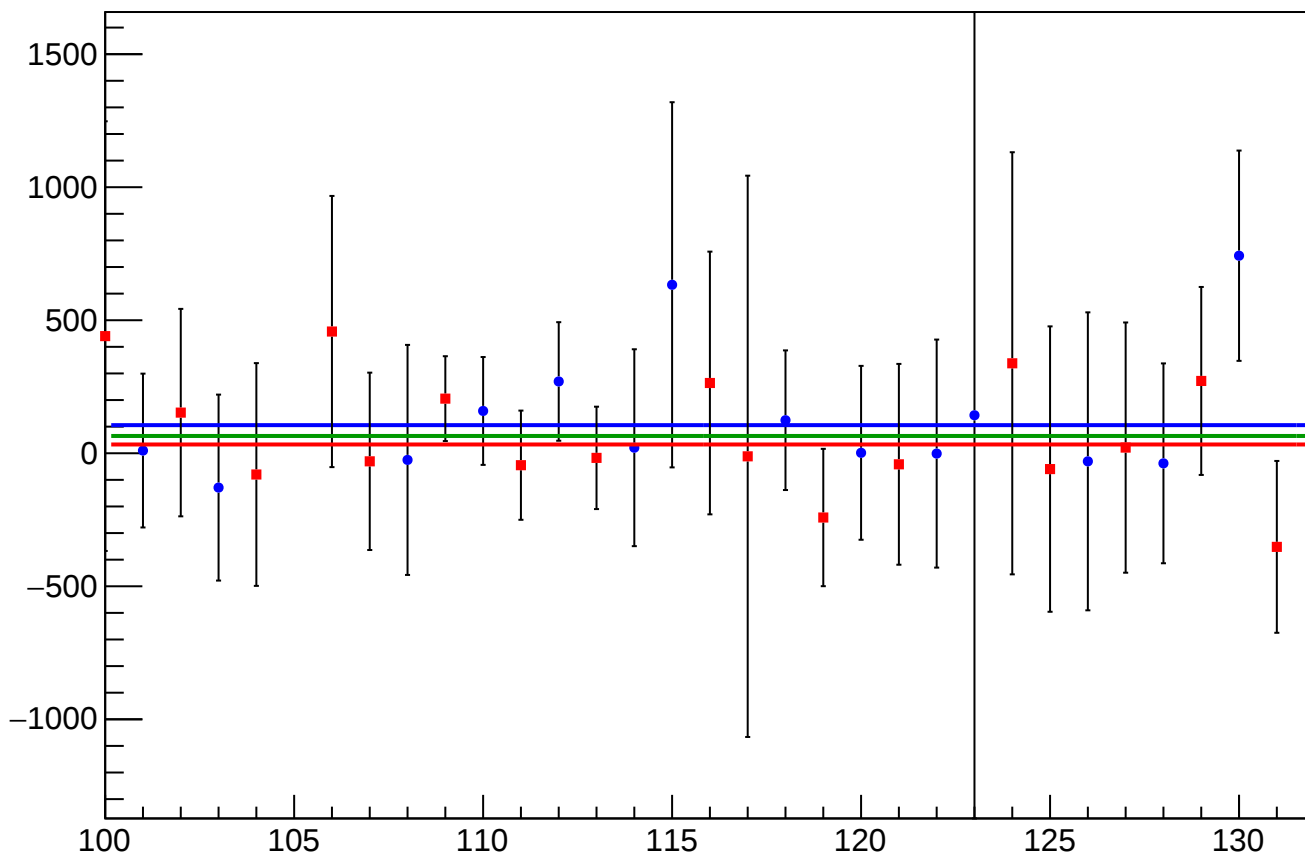
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.822 $\pm$ 0.005 χ^2/NDF : 31588.5/14

17.909 $\pm$ 0.004 χ^2/NDF : 55179.5/31

17.992 $\pm$ 0.005 χ^2/NDF : 23059.9/16

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 105.669 $\pm$ 86.236 χ^2 /NDF: 5.7/14

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

Right Out: 32.983 $\pm$ 76.478 χ^2 /NDF: 6.0/16

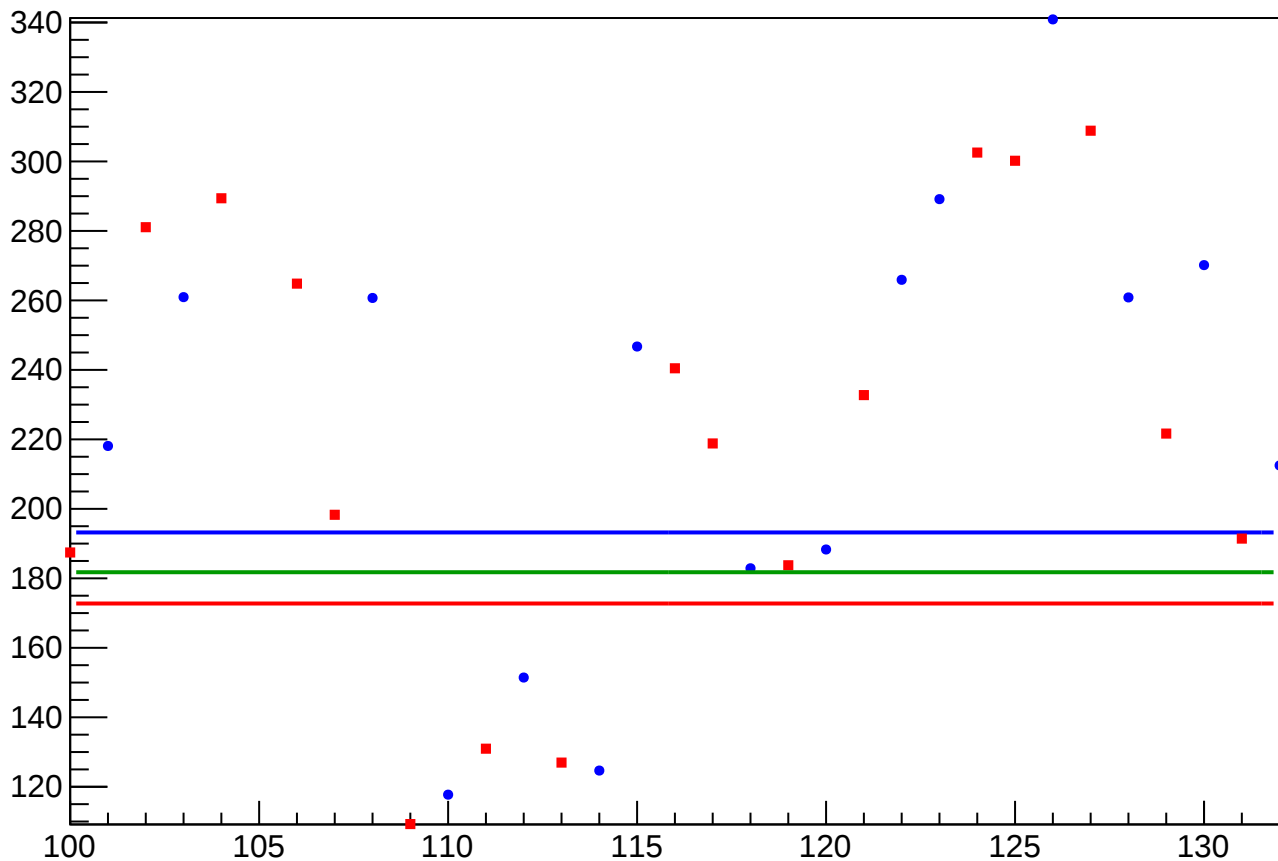
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.669 $\pm$ 86.236 χ^2 /NDF: 5.7/14

64.983 $\pm$ 57.218 χ^2 /NDF: 12.1/31

32.983 $\pm$ 76.478 χ^2 /NDF: 6.0/16

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.208 $\pm$ 0.061 χ^2 /NDF: 922318.9/14

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

Right Out: 172.756 $\pm$ 0.054 χ^2 /NDF: 1375126.4/16

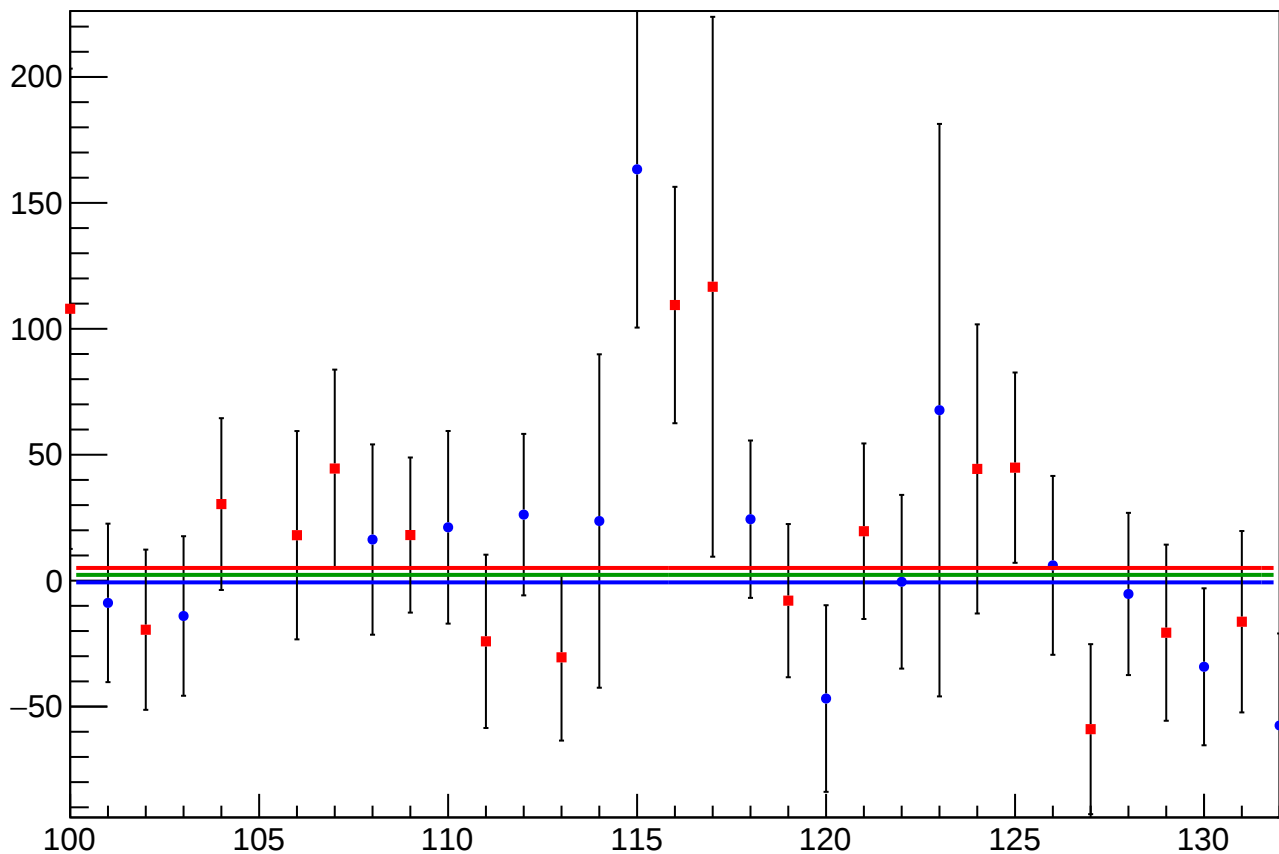
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

193.208 $\pm$ 0.061 χ^2 /NDF: 922318.9/14

181.760 $\pm$ 0.040 χ^2 /NDF: 2360412.3/31

172.756 $\pm$ 0.054 χ^2 /NDF: 1375126.4/16

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.683+/-9.512 χ^2/NDF : 14.6/14

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

Right Out: 5.045+/-9.159 χ^2/NDF : 17.9/16

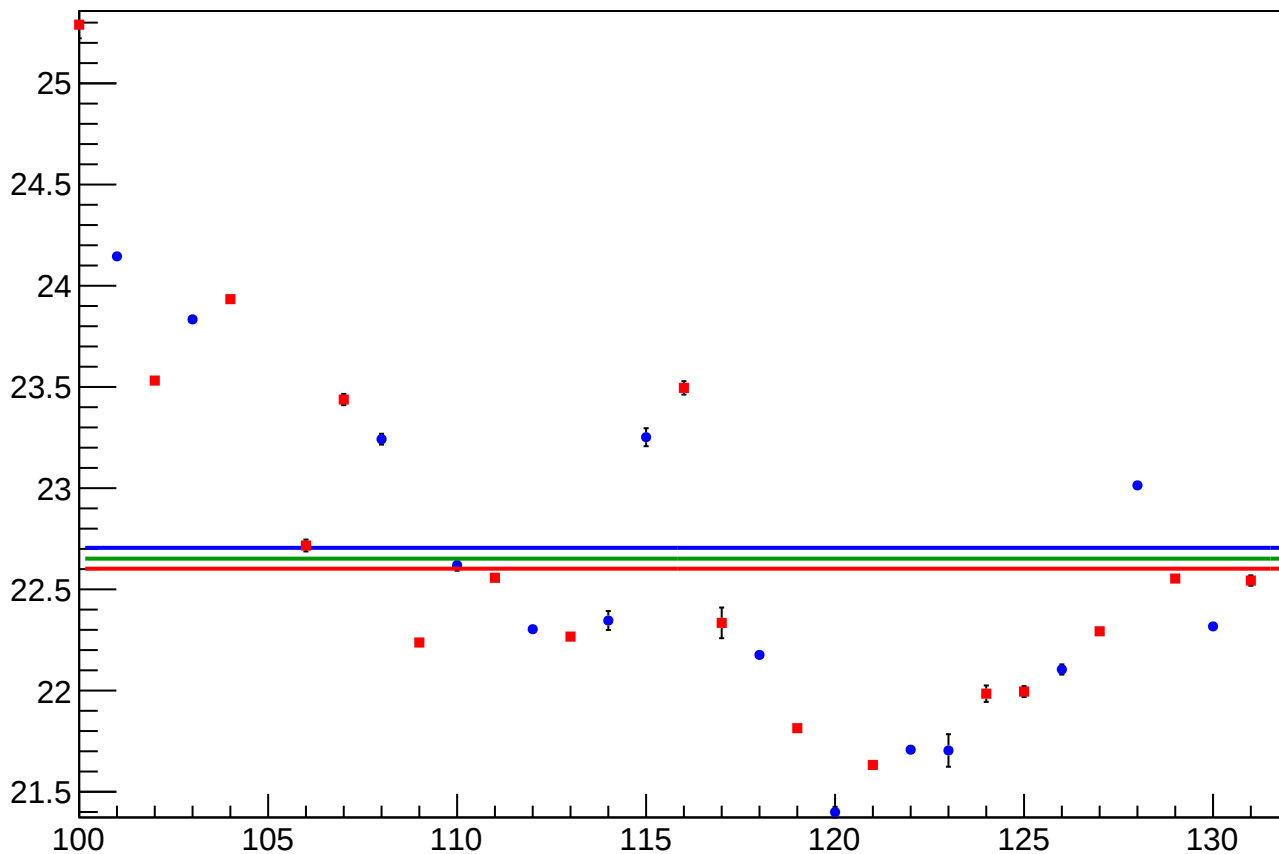
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.683+/-9.512 χ^2/NDF : 14.6/14

2.289+/-6.598 χ^2/NDF : 32.7/31

5.045+/-9.159 χ^2/NDF : 17.9/16

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.705+/-0.007 χ^2/NDF : 14103.5/14

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

Right Out: 22.602+/-0.006 χ^2/NDF : 12306.9/16

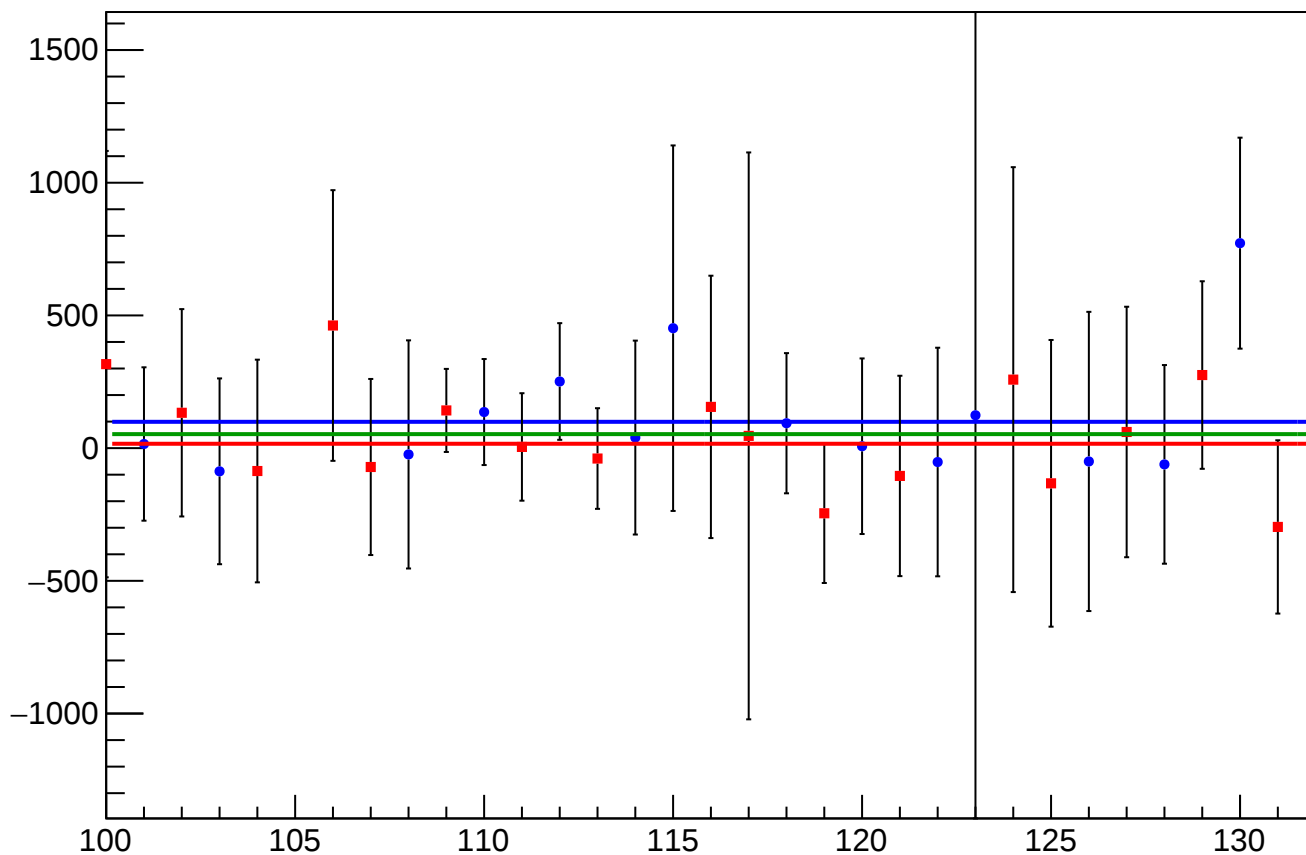
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.705+/-0.007 χ^2/NDF : 14103.5/14

22.652+/-0.005 χ^2/NDF : 26532.1/31

22.602+/-0.006 χ^2/NDF : 12306.9/16

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.169+/-85.909 χ^2/NDF : 5.1/14

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

Right Out: 16.468+/-76.005 χ^2/NDF : 4.7/16

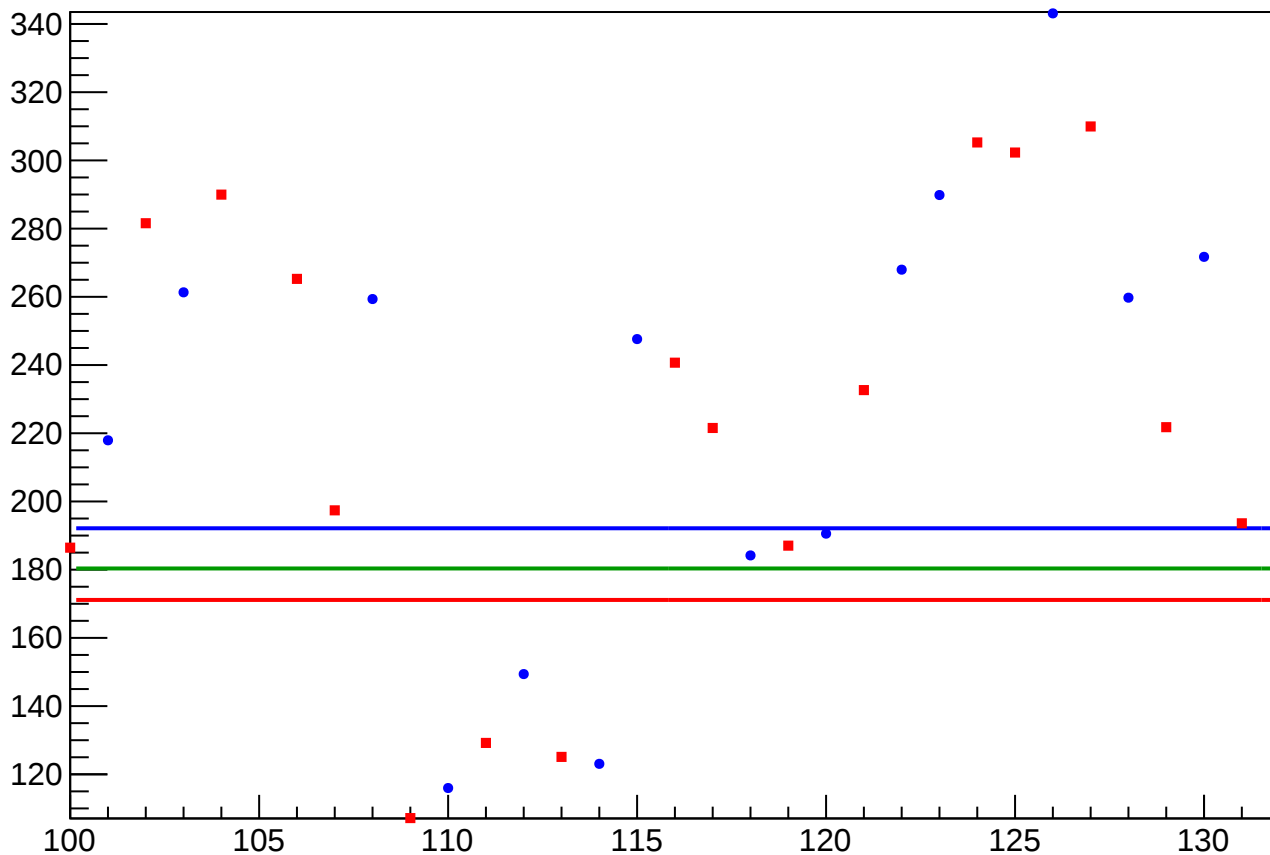
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

99.169+/-85.909 χ^2/NDF : 5.1/14

52.779+/-56.925 χ^2/NDF : 10.3/31

16.468+/-76.005 χ^2/NDF : 4.7/16

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.139+/-0.061 χ^2/NDF : 961840.1/14

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

Right Out: 171.128+/-0.054 χ^2/NDF : 1441799.6/16

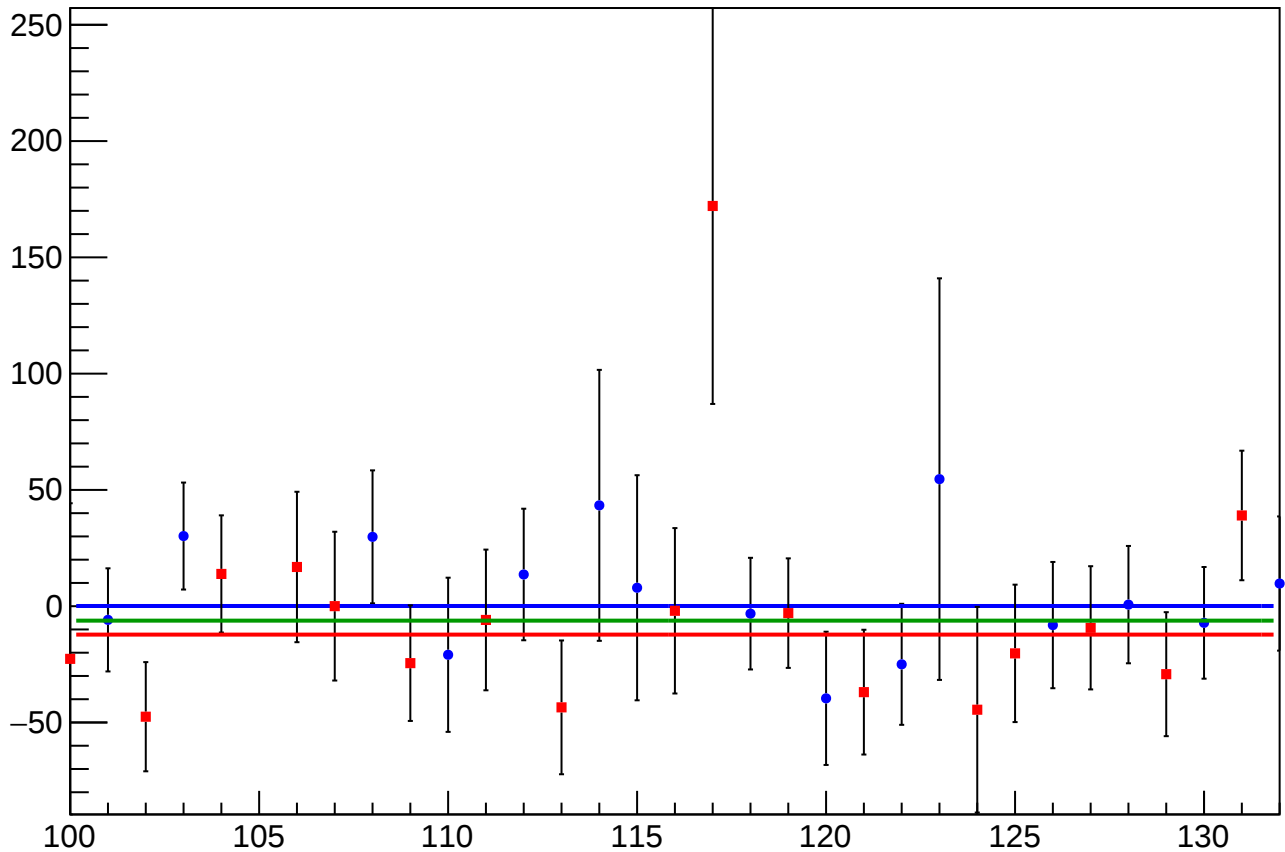
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.139+/-0.061 χ^2/NDF : 961840.1/14

180.353+/-0.040 χ^2/NDF : 2470744.2/31

171.128+/-0.054 χ^2/NDF : 1441799.6/16

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.089 $\pm$ 7.360 χ^2/NDF : 7.6/14

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

Right Out: -12.216 $\pm$ 7.186 χ^2/NDF : 16.0/16

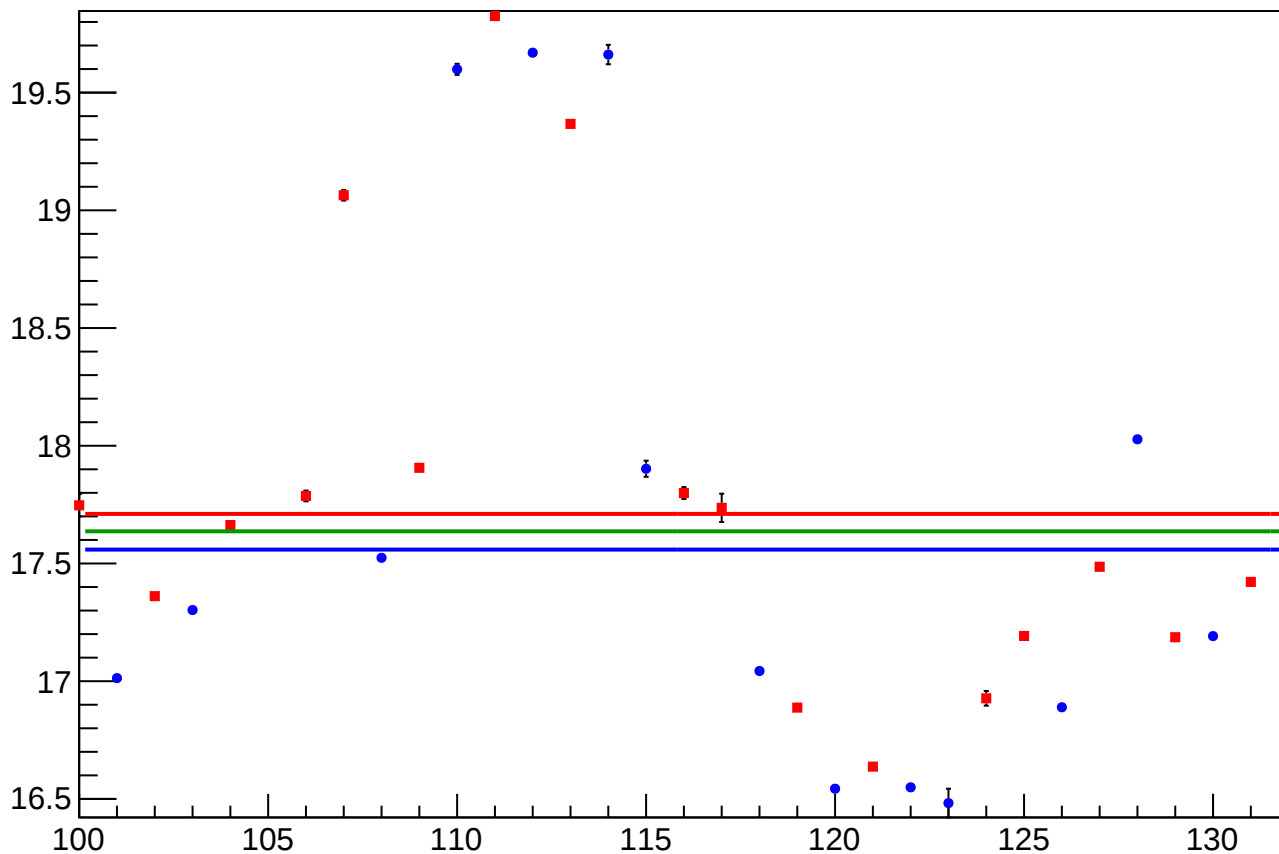
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.089 $\pm$ 7.360 χ^2/NDF : 7.6/14

-6.211 $\pm$ 5.142 χ^2/NDF : 25.0/31

-12.216 $\pm$ 7.186 χ^2/NDF : 16.0/16

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.559 ± 0.005 $\chi^2/\text{NDF}: 33537.9/14$

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

Right Out: 17.711 ± 0.005 $\chi^2/\text{NDF}: 28602.1/16$

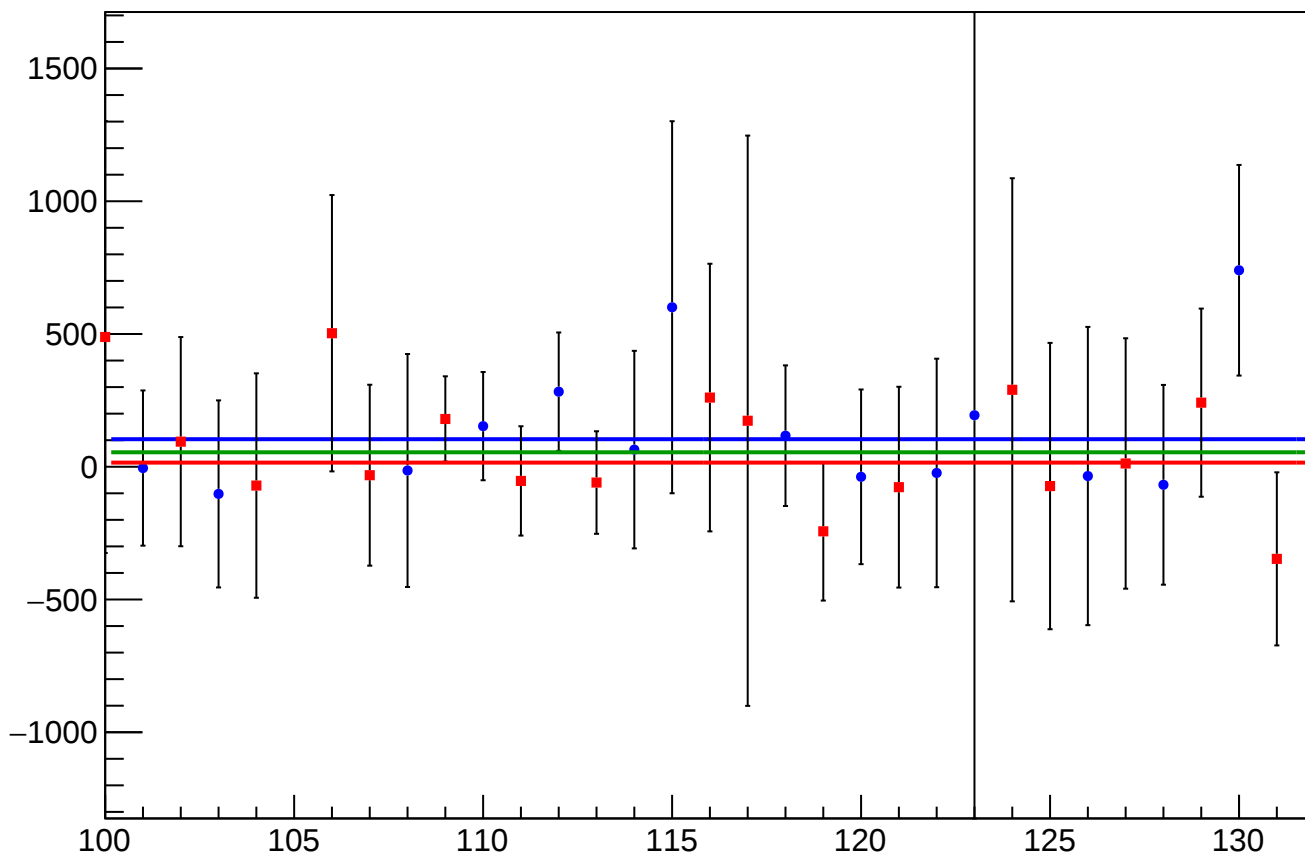
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.559 ± 0.005 $\chi^2/\text{NDF}: 33537.9/14$

17.637 ± 0.004 $\chi^2/\text{NDF}: 62573.9/31$

17.711 ± 0.005 $\chi^2/\text{NDF}: 28602.1/16$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 103.756 $\pm$ 86.761 χ^2 /NDF: 5.7/14

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

Right Out: 15.626 $\pm$ 77.071 χ^2 /NDF: 5.7/16

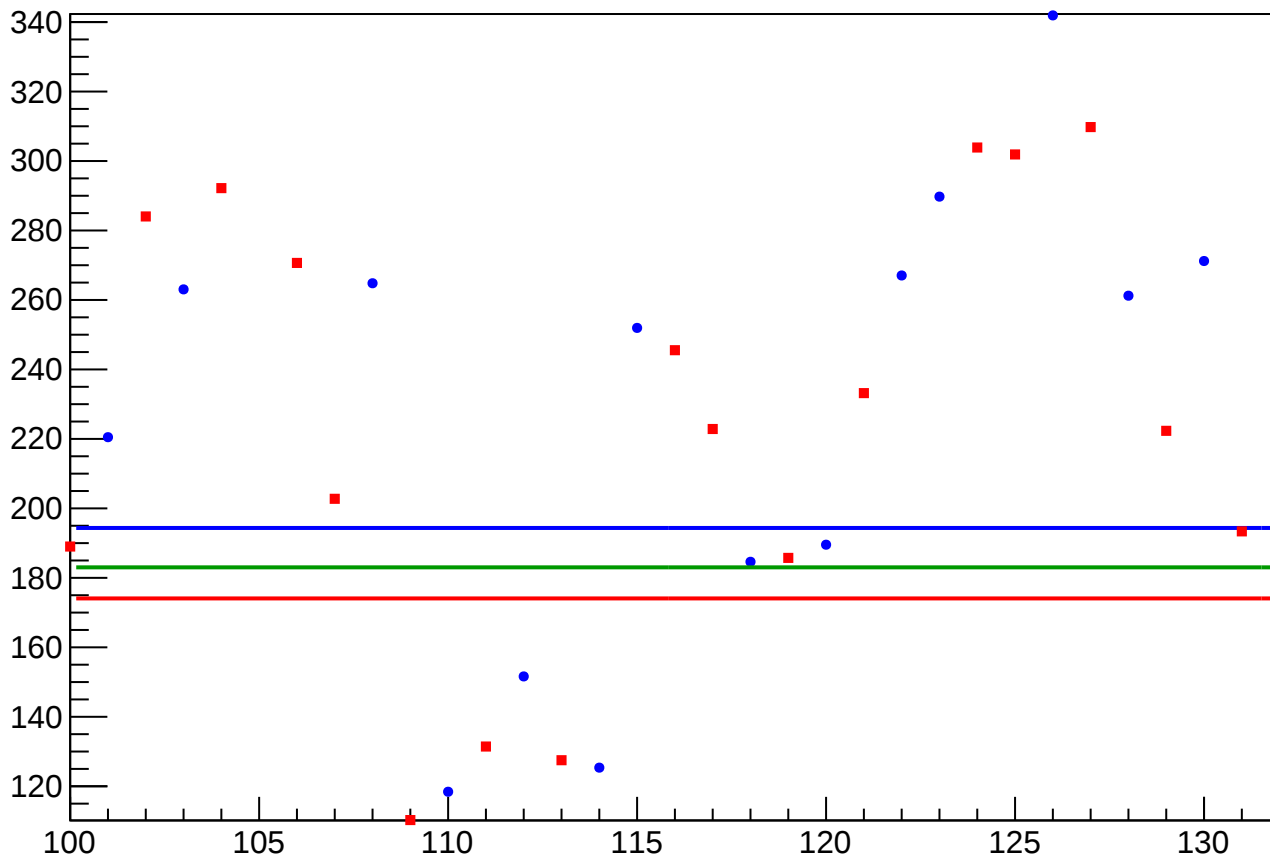
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.756 $\pm$ 86.761 χ^2 /NDF: 5.7/14

54.497 $\pm$ 57.620 χ^2 /NDF: 12.0/31

15.626 $\pm$ 77.071 χ^2 /NDF: 5.7/16

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.364 $\pm$ 0.061 χ^2 /NDF: 927636.1/14

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

Right Out: 174.076 $\pm$ 0.054 χ^2 /NDF: 1385345.3/16

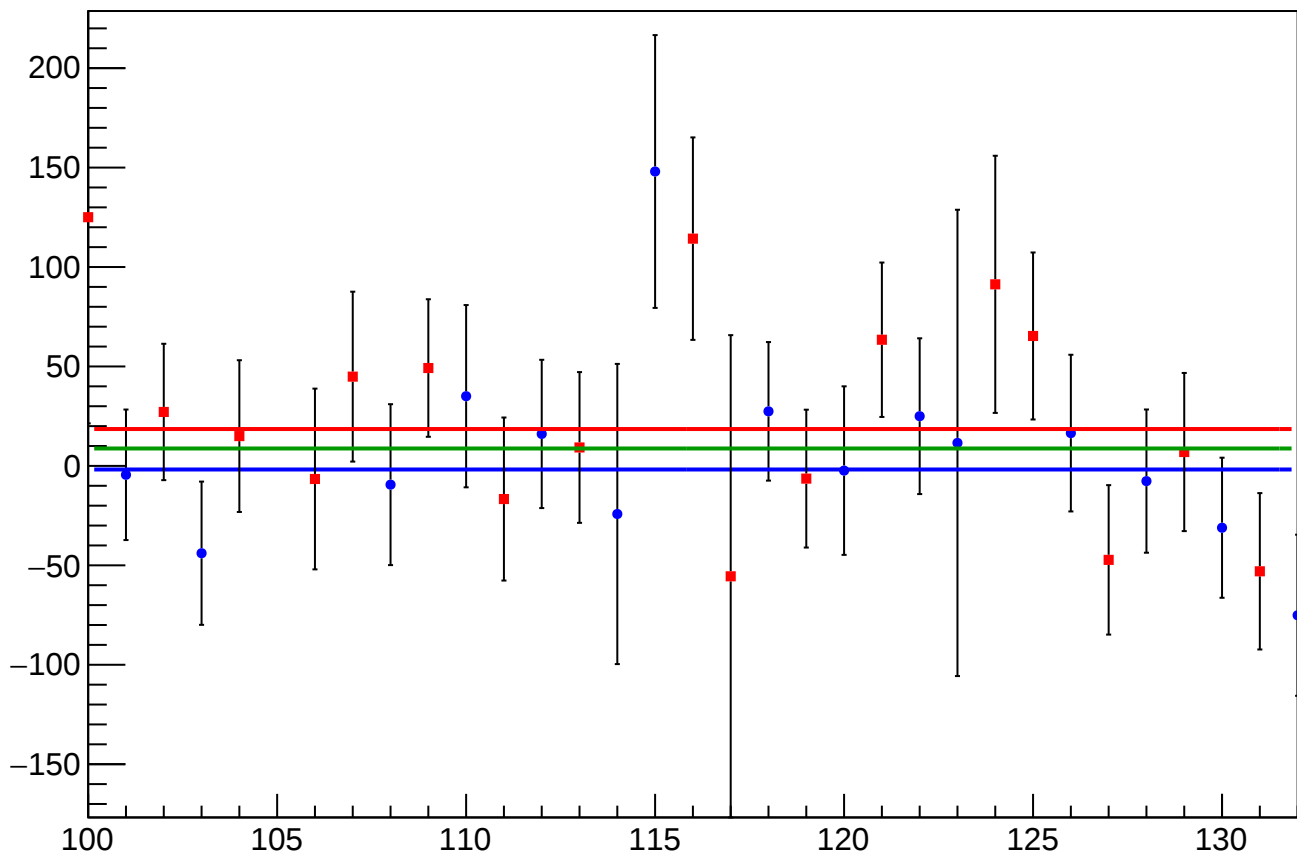
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.364 $\pm$ 0.061 χ^2 /NDF: 927636.1/14

183.025 $\pm$ 0.041 χ^2 /NDF: 2374108.9/31

174.076 $\pm$ 0.054 χ^2 /NDF: 1385345.3/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.808+/-10.641 χ^2/NDF : 12.5/14

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

Right Out: 18.537+/-10.241 χ^2/NDF : 18.1/16

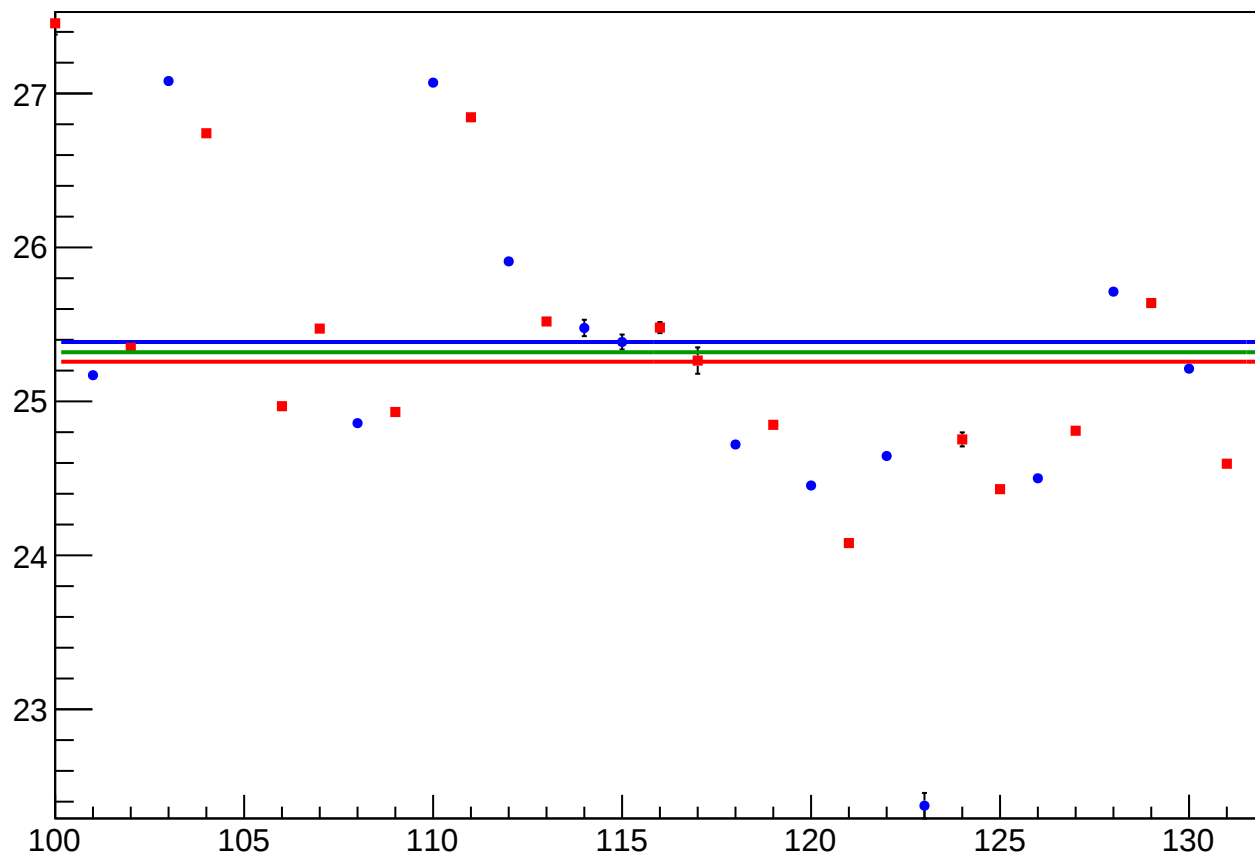
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.808+/-10.641 χ^2/NDF : 12.5/14

8.754+/-7.379 χ^2/NDF : 32.6/31

18.537+/-10.241 χ^2/NDF : 18.1/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.386+/-0.008 χ^2/NDF : 13115.1/14

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

Right Out: 25.258+/-0.007 χ^2/NDF : 11440.4/16

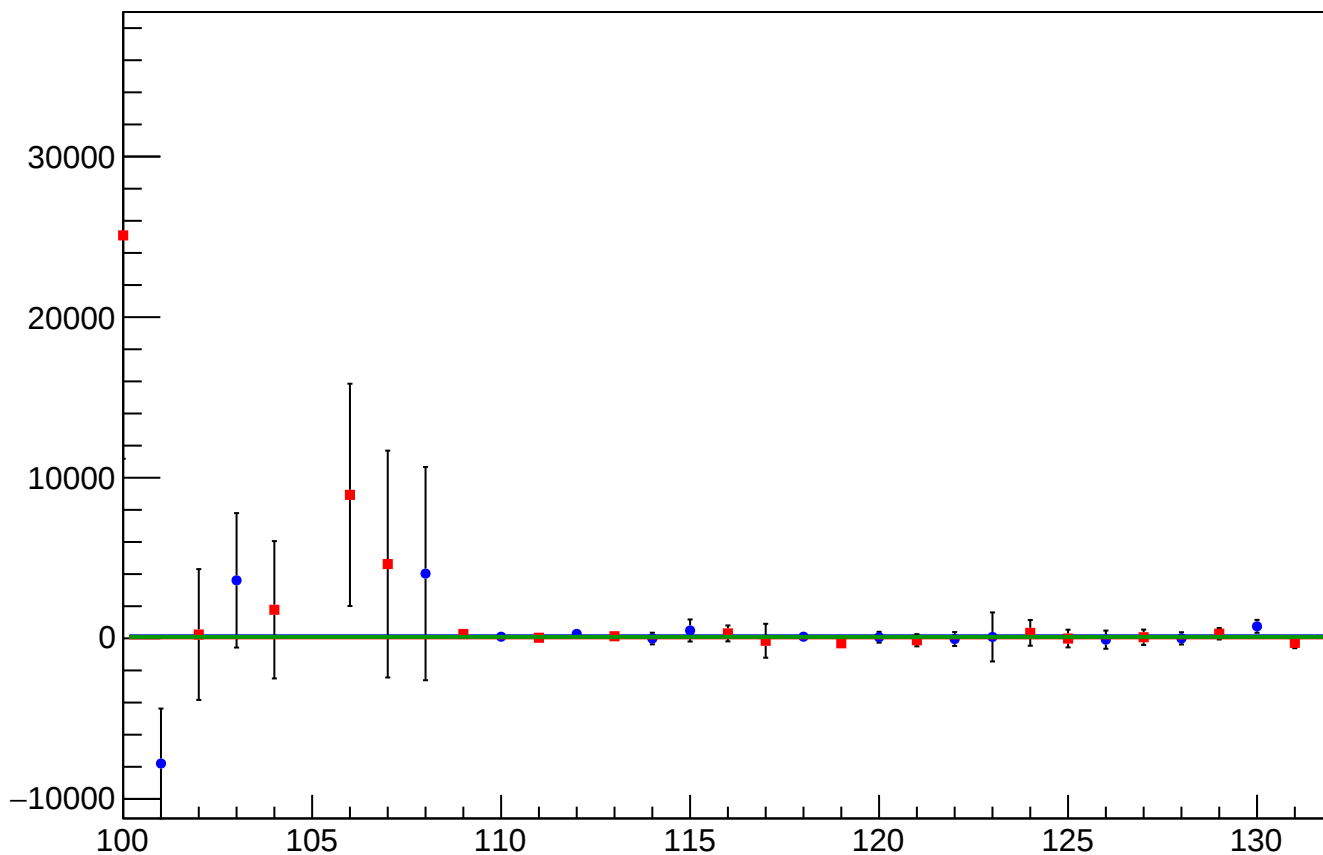
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.386+/-0.008 χ^2/NDF : 13115.1/14

25.319+/-0.005 χ^2/NDF : 24706.0/31

25.258+/-0.007 χ^2/NDF : 11440.4/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 126.746+/-95.918 χ^2/NDF : 10.8/14

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

Right Out: 58.883+/-89.186 χ^2/NDF : 10.5/16

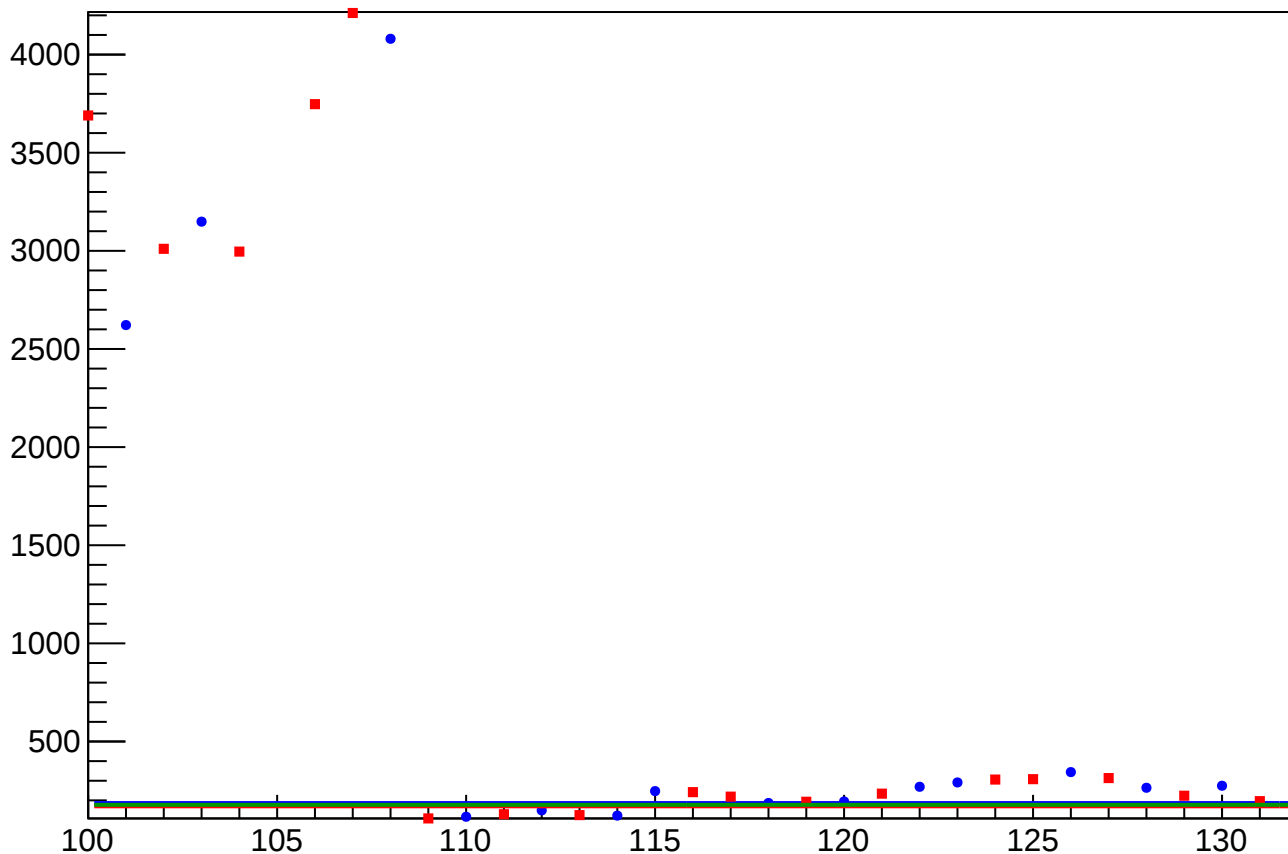
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

126.746+/-95.918 χ^2/NDF : 10.8/14

90.350+/-65.314 χ^2/NDF : 21.6/31

58.883+/-89.186 χ^2/NDF : 10.5/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.226+/-0.068 χ^2/NDF : 3513192.1/14

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

Right Out: 169.765+/-0.063 χ^2/NDF : 4063252.3/16

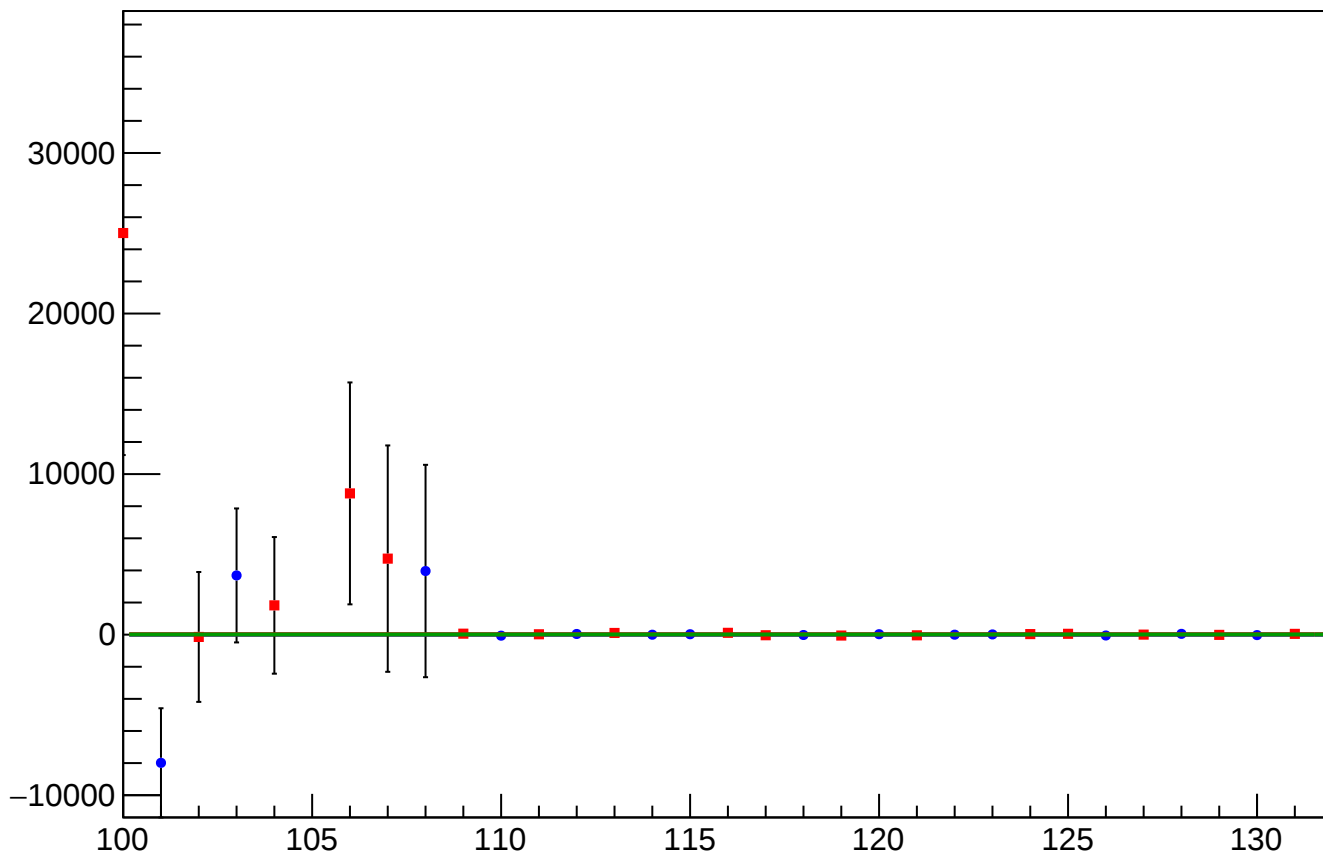
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

186.226+/-0.068 χ^2/NDF : 3513192.1/14

177.398+/-0.046 χ^2/NDF : 7608033.3/31

169.765+/-0.063 χ^2/NDF : 4063252.3/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.538+/-13.549 χ^2/NDF : 14.9/14

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

Right Out: 23.339+/-13.691 χ^2/NDF : 20.7/16

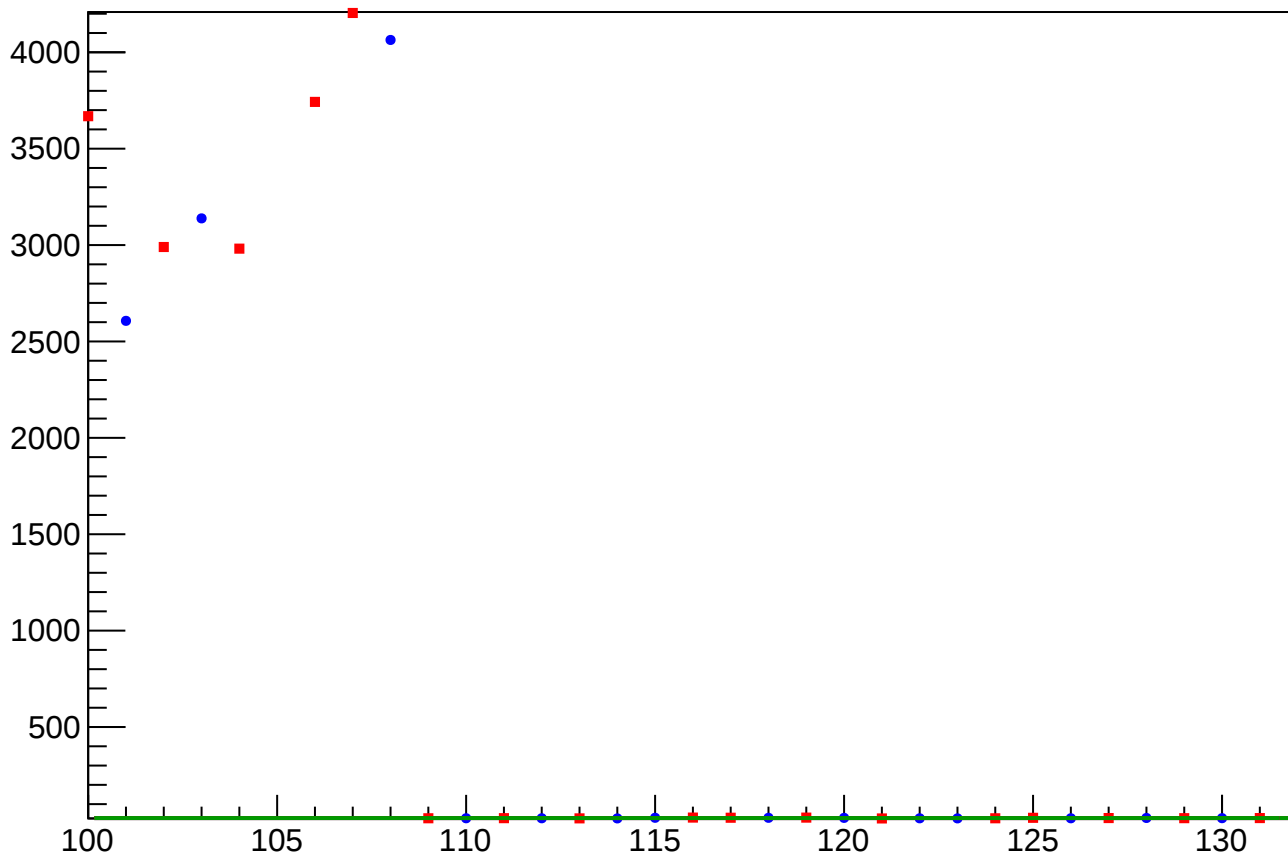
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.538+/-13.549 χ^2/NDF : 14.9/14

11.276+/-9.631 χ^2/NDF : 37.1/31

23.339+/-13.691 χ^2/NDF : 20.7/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.722 $\pm$ 0.010 χ^2 /NDF: 3025684.0/14

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

Right Out: 27.639 $\pm$ 0.010 χ^2 /NDF: 3475749.5/16

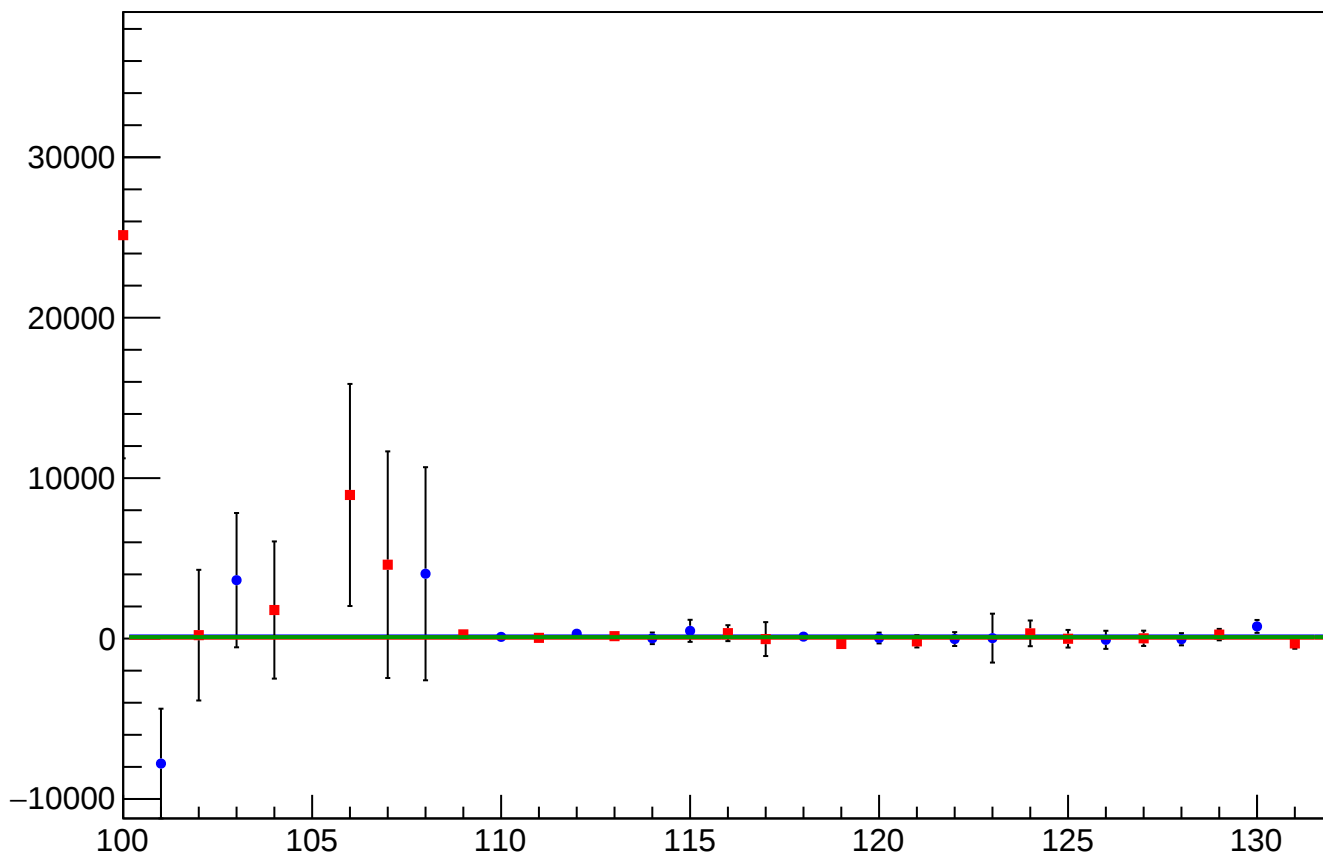
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.722 $\pm$ 0.010 χ^2 /NDF: 3025684.0/14

27.681 $\pm$ 0.007 χ^2 /NDF: 6501471.1/31

27.639 $\pm$ 0.010 χ^2 /NDF: 3475749.5/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 132.363+/-95.609 χ^2/NDF : 11.0/14

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

Right Out: 53.021+/-88.860 χ^2/NDF : 11.1/16

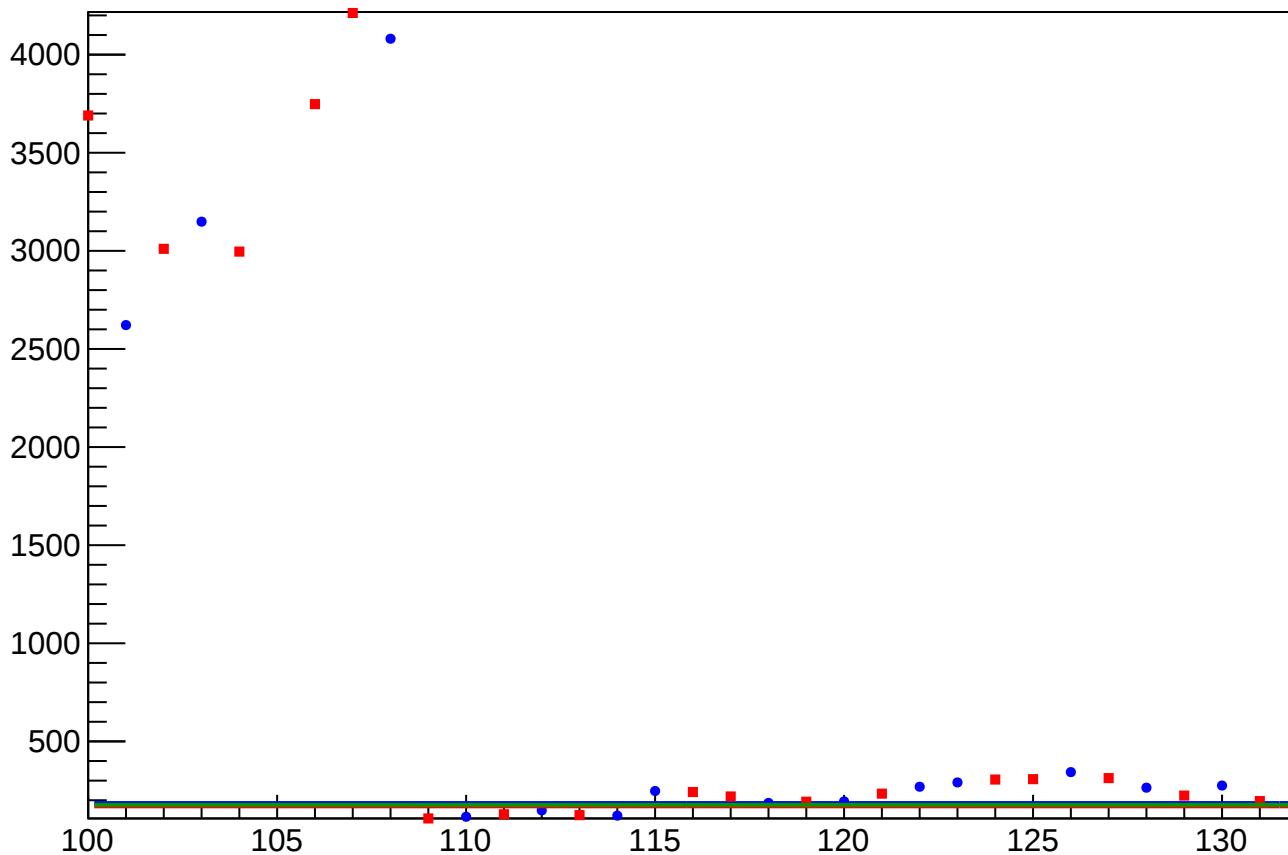
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.363+/-95.609 χ^2/NDF : 11.0/14

89.794+/-65.089 χ^2/NDF : 22.5/31

53.021+/-88.860 χ^2/NDF : 11.1/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.496 $\pm$ 0.068 χ^2 /NDF: 3524359.7/14

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

Right Out: 169.017 $\pm$ 0.063 χ^2 /NDF: 4074084.2/16

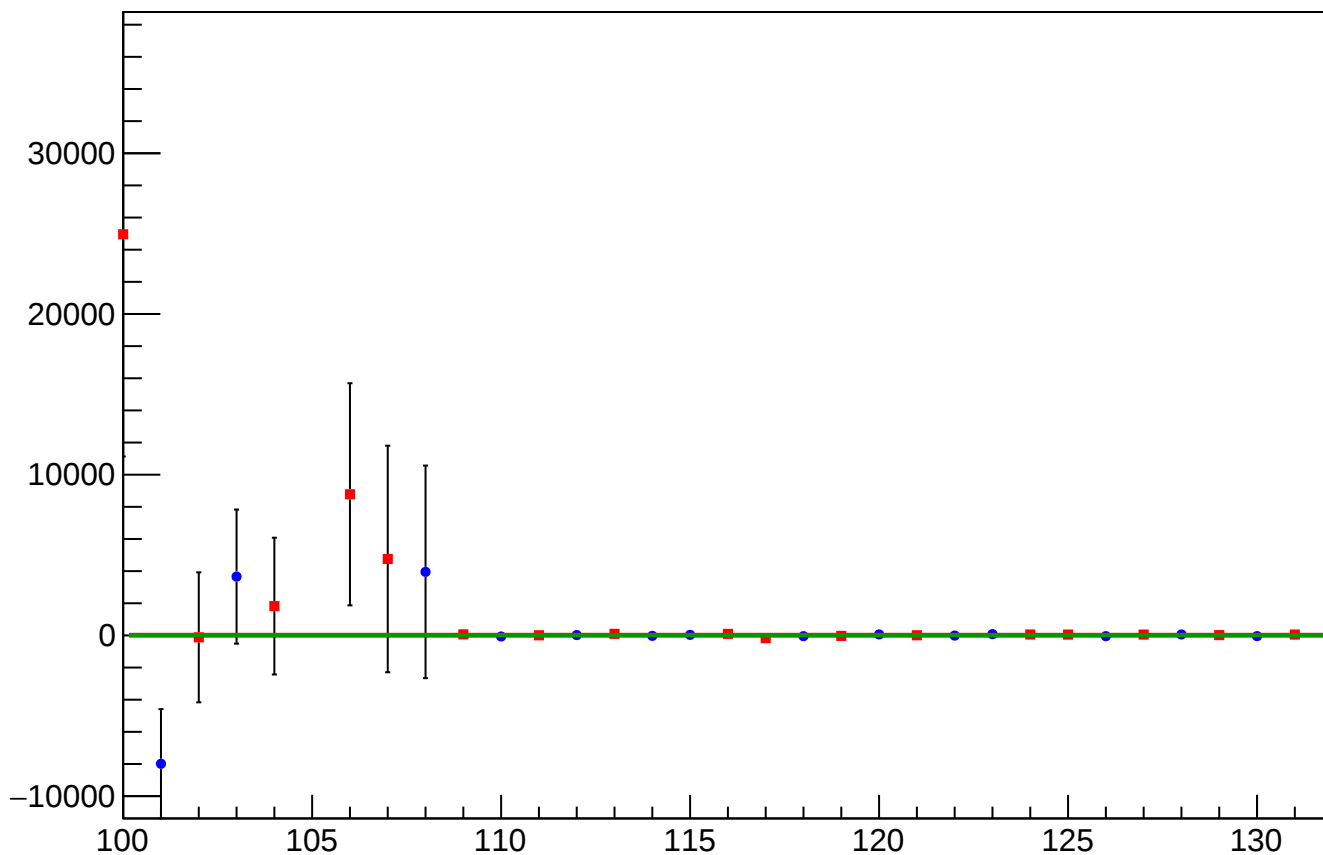
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

185.496 $\pm$ 0.068 χ^2 /NDF: 3524359.7/14

176.654 $\pm$ 0.046 χ^2 /NDF: 7630321.4/31

169.017 $\pm$ 0.063 χ^2 /NDF: 4074084.2/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.471+/-13.642 χ^2/NDF : 18.1/14

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

Right Out: 37.824+/-13.819 χ^2/NDF : 15.3/16

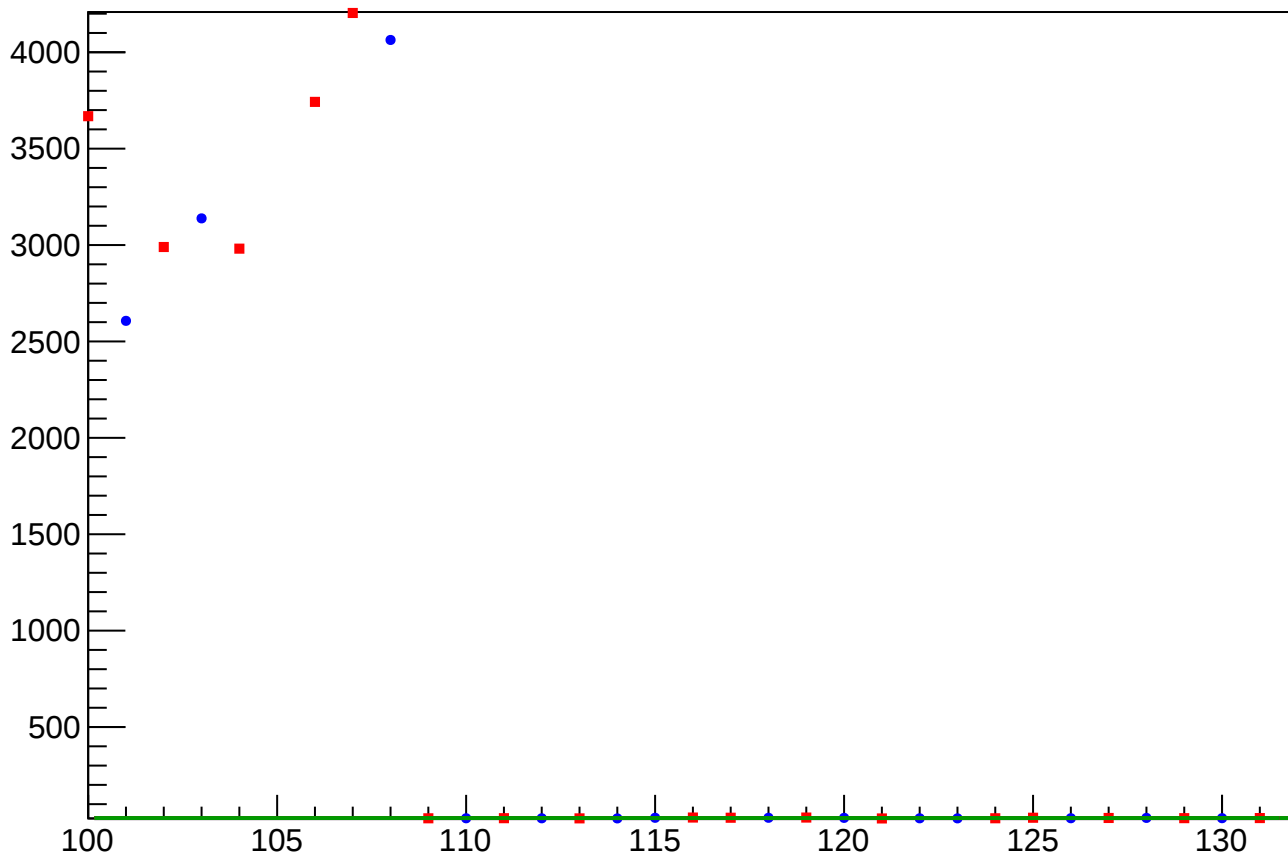
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.471+/-13.642 χ^2/NDF : 18.1/14

16.911+/-9.709 χ^2/NDF : 37.9/31

37.824+/-13.819 χ^2/NDF : 15.3/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.909+/-0.010 χ^2/NDF : 3025770.2/14

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

Right Out: 27.890+/-0.010 χ^2/NDF : 3478596.8/16

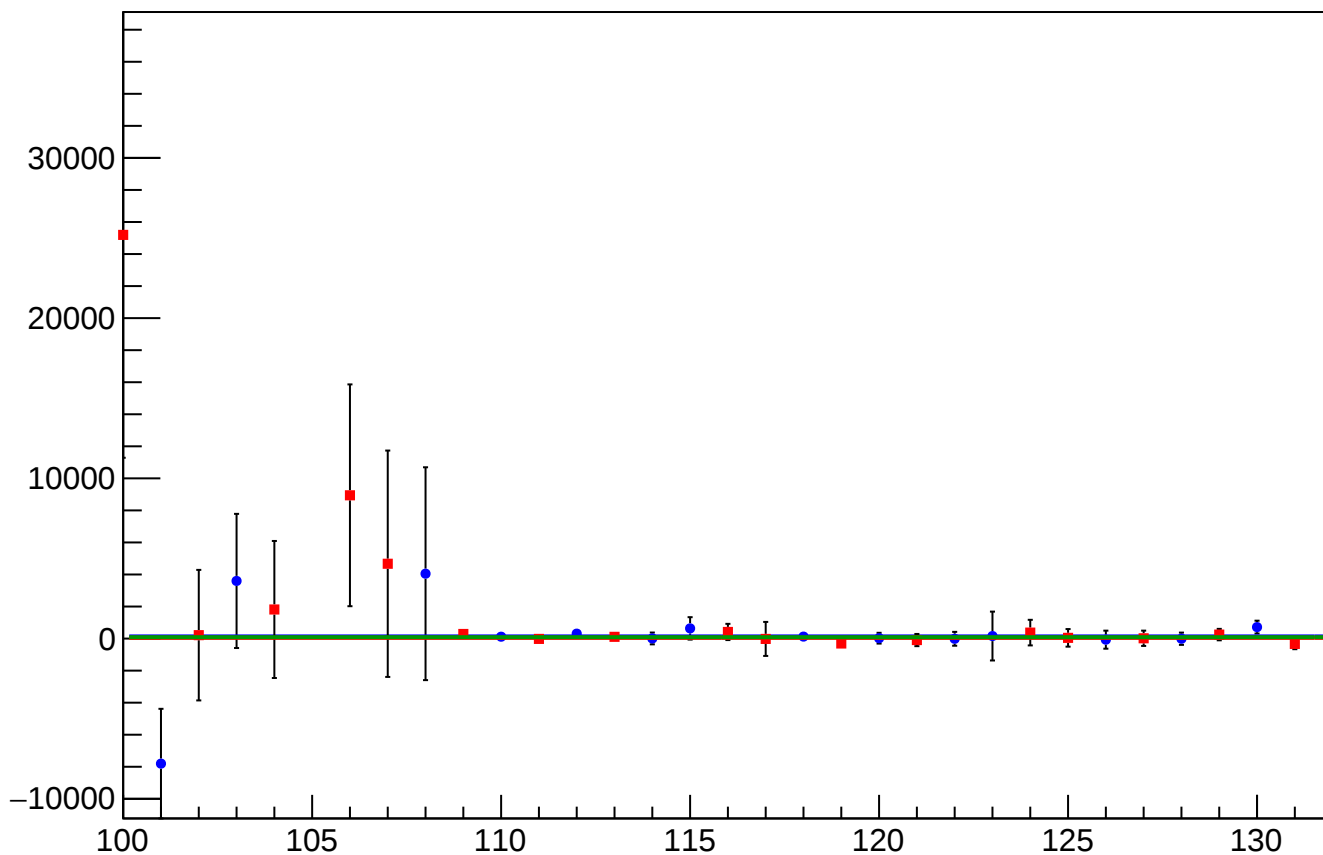
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.909+/-0.010 χ^2/NDF : 3025770.2/14

27.899+/-0.007 χ^2/NDF : 6504368.9/31

27.890+/-0.010 χ^2/NDF : 3478596.8/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 135.369+/-96.714 χ^2/NDF : 11.2/14

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

Right Out: 43.602+/-90.043 χ^2/NDF : 11.1/16

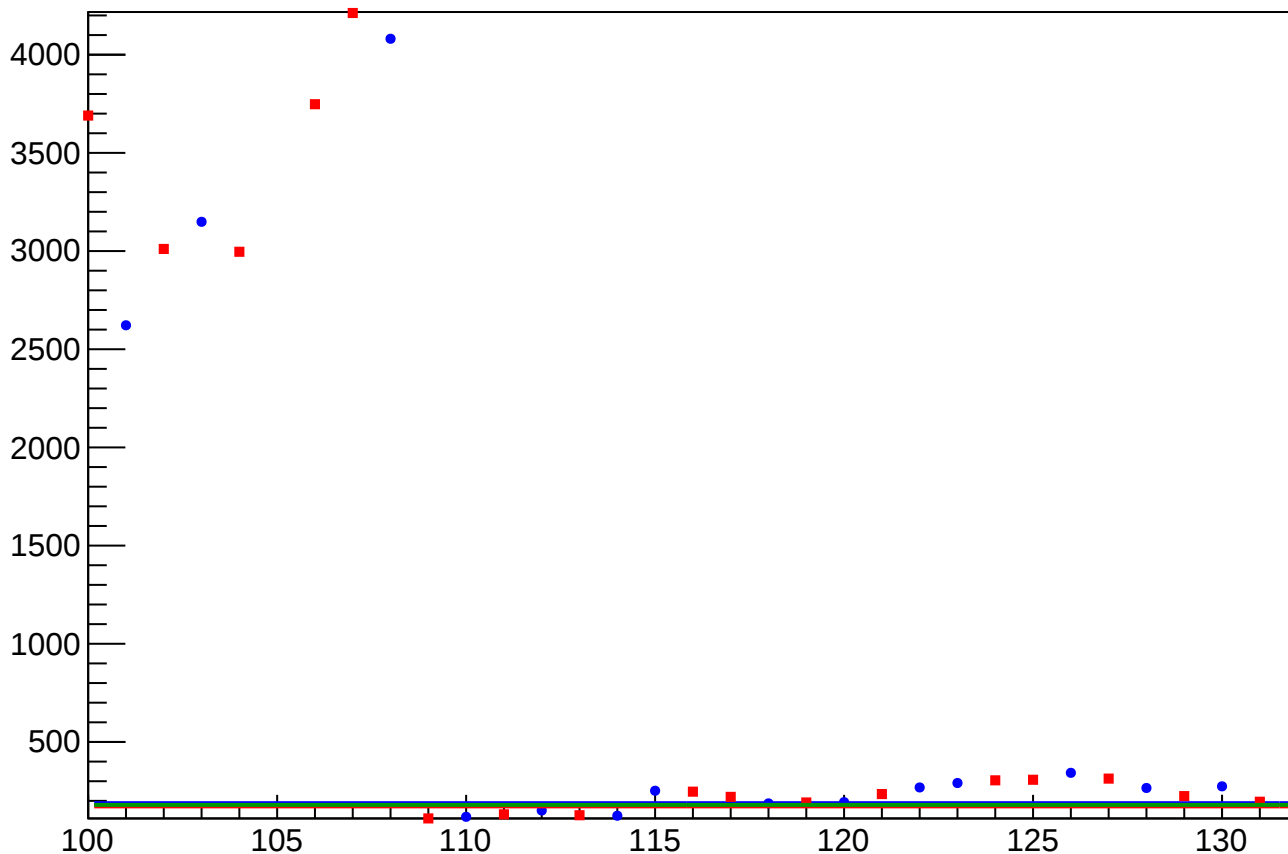
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.369+/-96.714 χ^2/NDF : 11.2/14

86.212+/-65.902 χ^2/NDF : 22.8/31

43.602+/-90.043 χ^2/NDF : 11.1/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.182 $\pm$ 0.068 χ^2 /NDF: 3477909.4/14

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

Right Out: 171.932 $\pm$ 0.064 χ^2 /NDF: 4022376.0/16

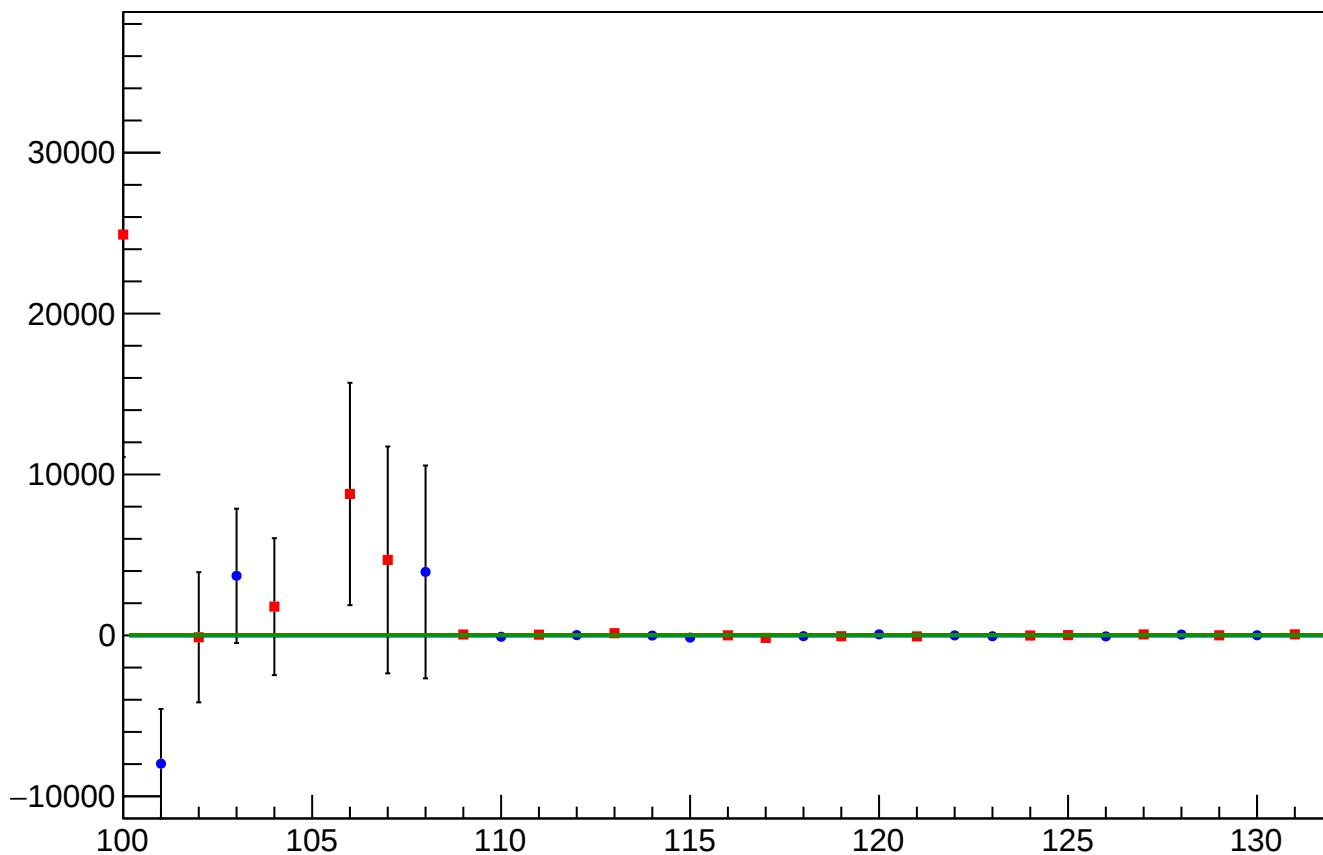
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

188.182 $\pm$ 0.068 χ^2 /NDF: 3477909.4/14

179.477 $\pm$ 0.047 χ^2 /NDF: 7530528.9/31

171.932 $\pm$ 0.064 χ^2 /NDF: 4022376.0/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.015+/-16.608 χ^2/NDF : 18.7/14

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

Right Out: 24.424+/-16.696 χ^2/NDF : 19.2/16

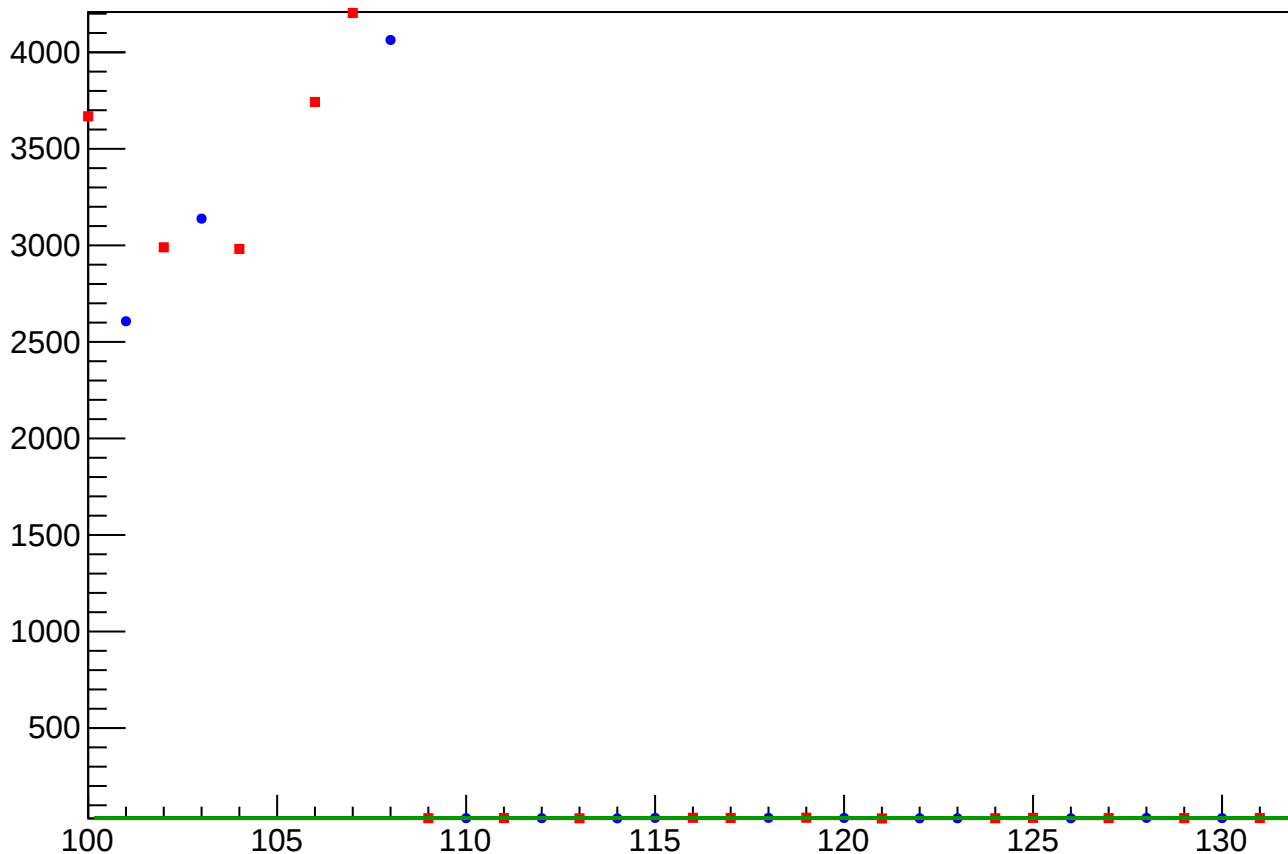
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.015+/-16.608 χ^2/NDF : 18.7/14

10.632+/-11.774 χ^2/NDF : 39.2/31

24.424+/-16.696 χ^2/NDF : 19.2/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.010 $\pm$ 0.012 χ^2 /NDF: 3005272.4/14

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

Right Out: 33.773 $\pm$ 0.012 χ^2 /NDF: 3450843.6/16

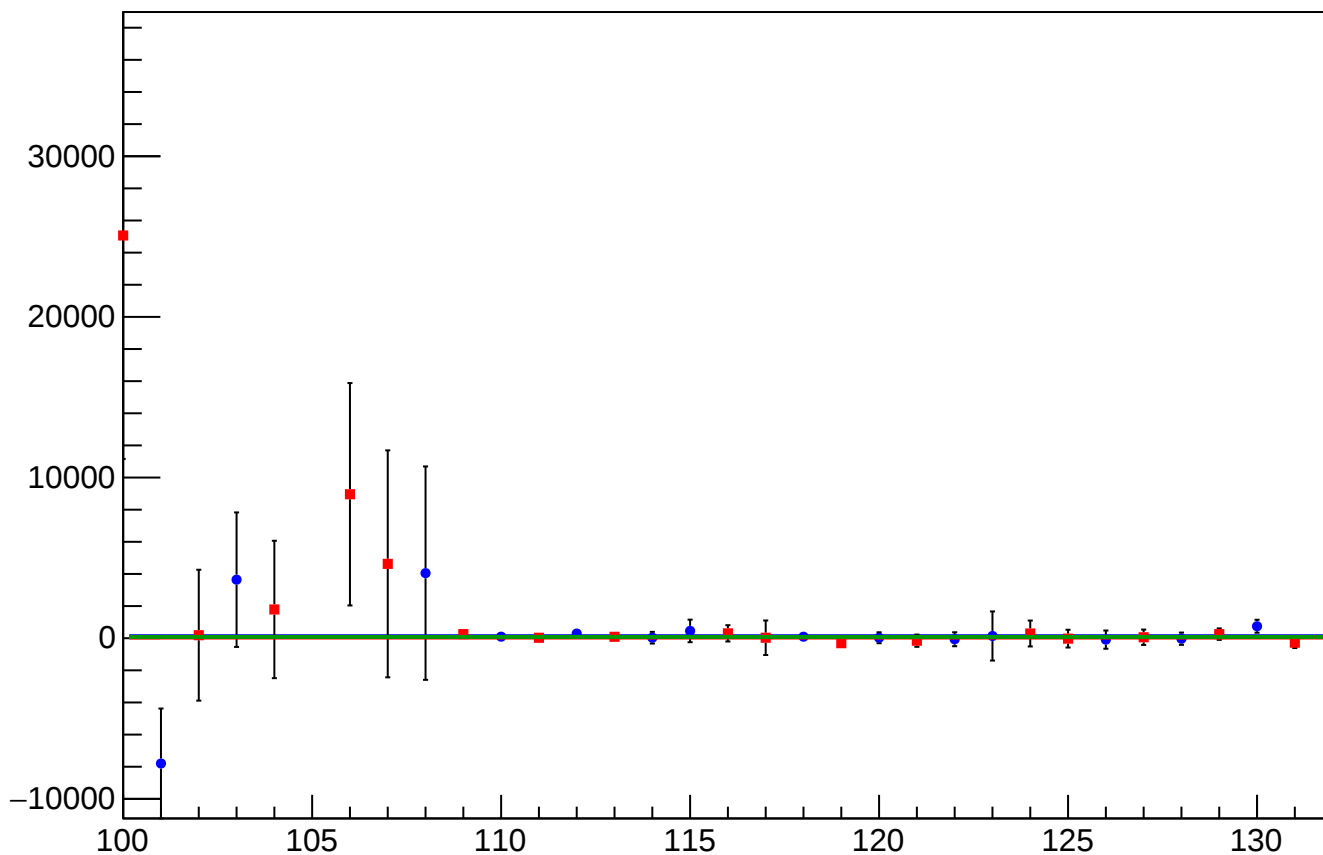
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.010 $\pm$ 0.012 χ^2 /NDF: 3005272.4/14

33.892 $\pm$ 0.008 χ^2 /NDF: 6456318.7/31

33.773 $\pm$ 0.012 χ^2 /NDF: 3450843.6/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 123.306+/-96.269 χ^2 /NDF: 10.8/14

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

Right Out: 41.226+/-89.572 χ^2 /NDF: 10.1/16

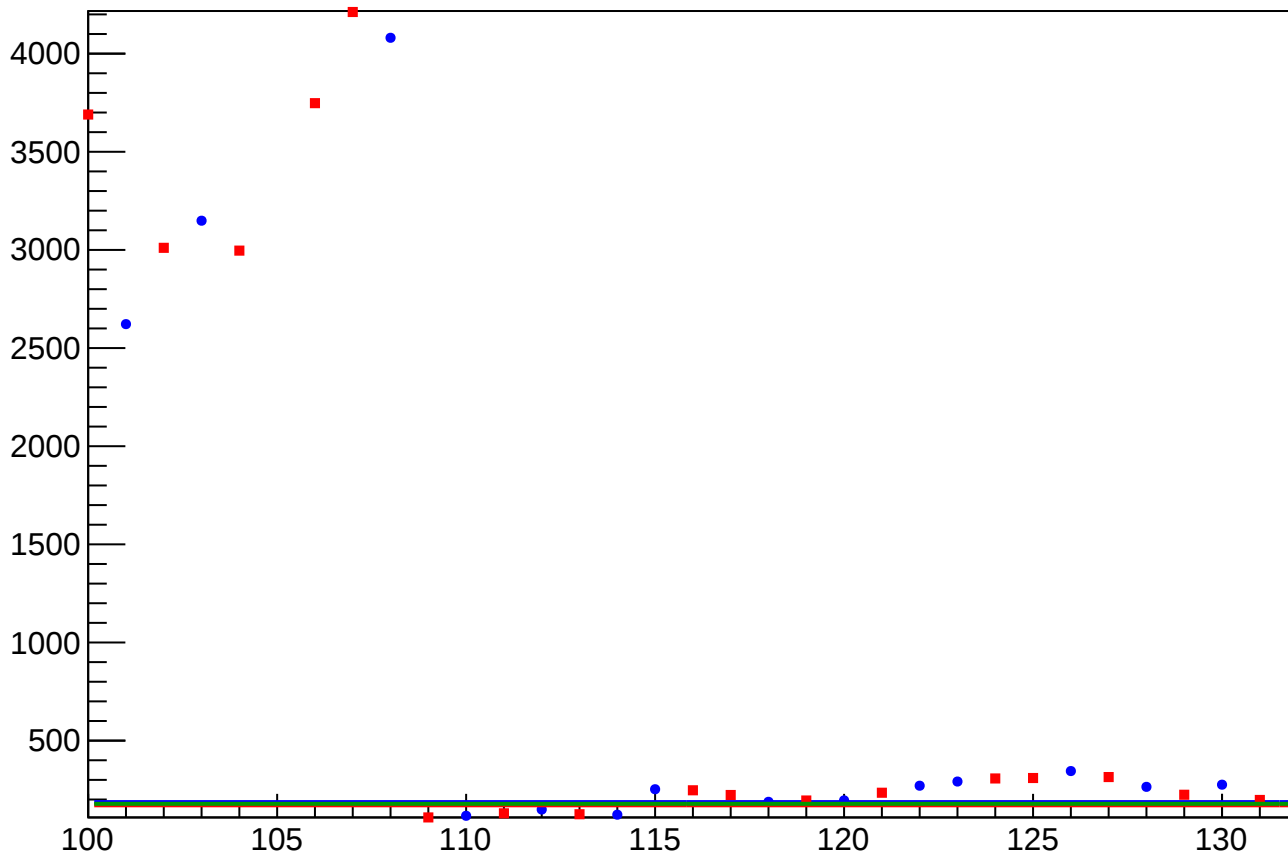
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

123.306+/-96.269 χ^2 /NDF: 10.8/14

79.312+/-65.577 χ^2 /NDF: 21.3/31

41.226+/-89.572 χ^2 /NDF: 10.1/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.903+/-0.068 χ^2/NDF : 3514690.8/14

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

Right Out: 170.491+/-0.063 χ^2/NDF : 4068212.2/16

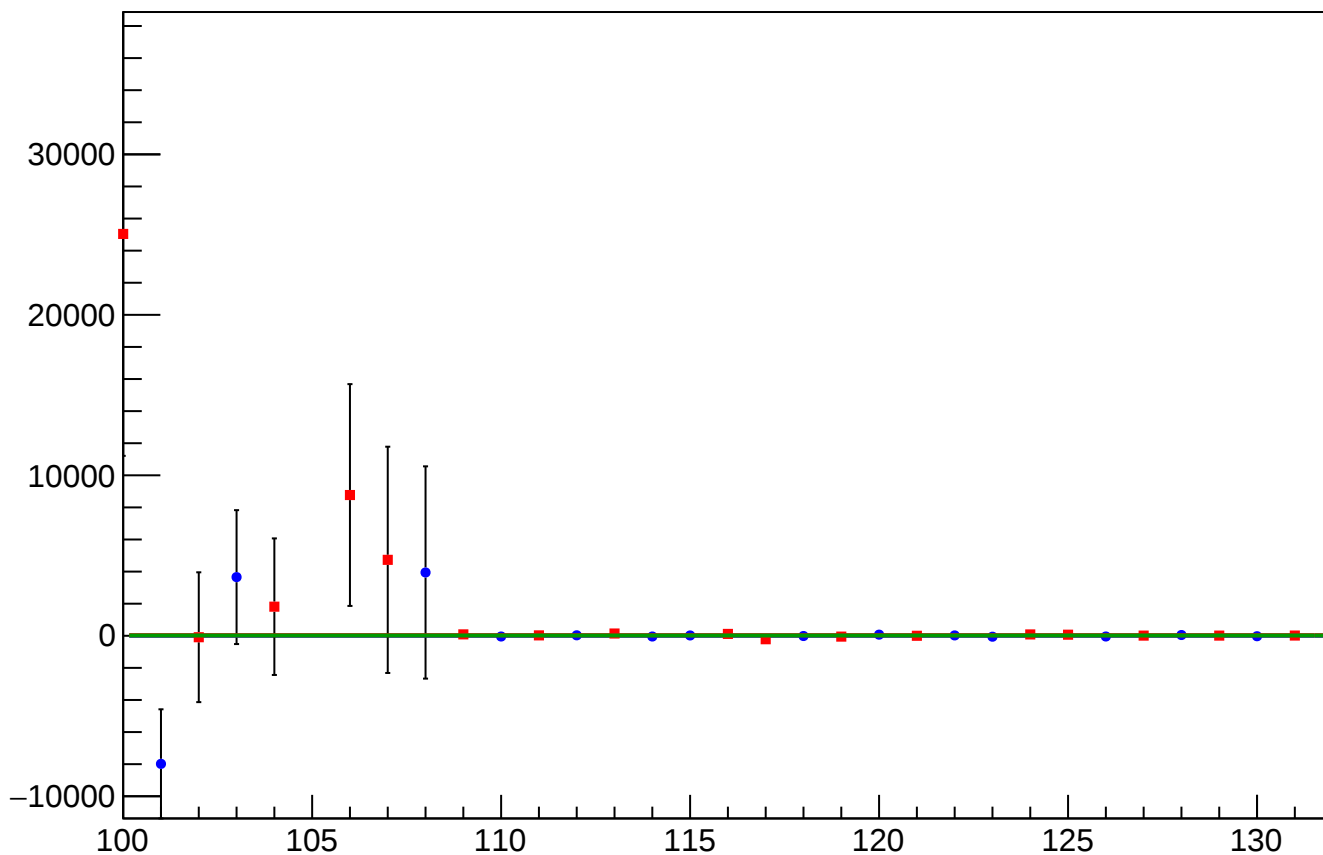
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

186.903+/-0.068 χ^2/NDF : 3514690.8/14

178.106+/-0.046 χ^2/NDF : 7614056.2/31

170.491+/-0.063 χ^2/NDF : 4068212.2/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.185+/-15.144 χ^2 /NDF: 13.0/14

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

Right Out: 35.299+/-15.280 χ^2 /NDF: 21.8/16

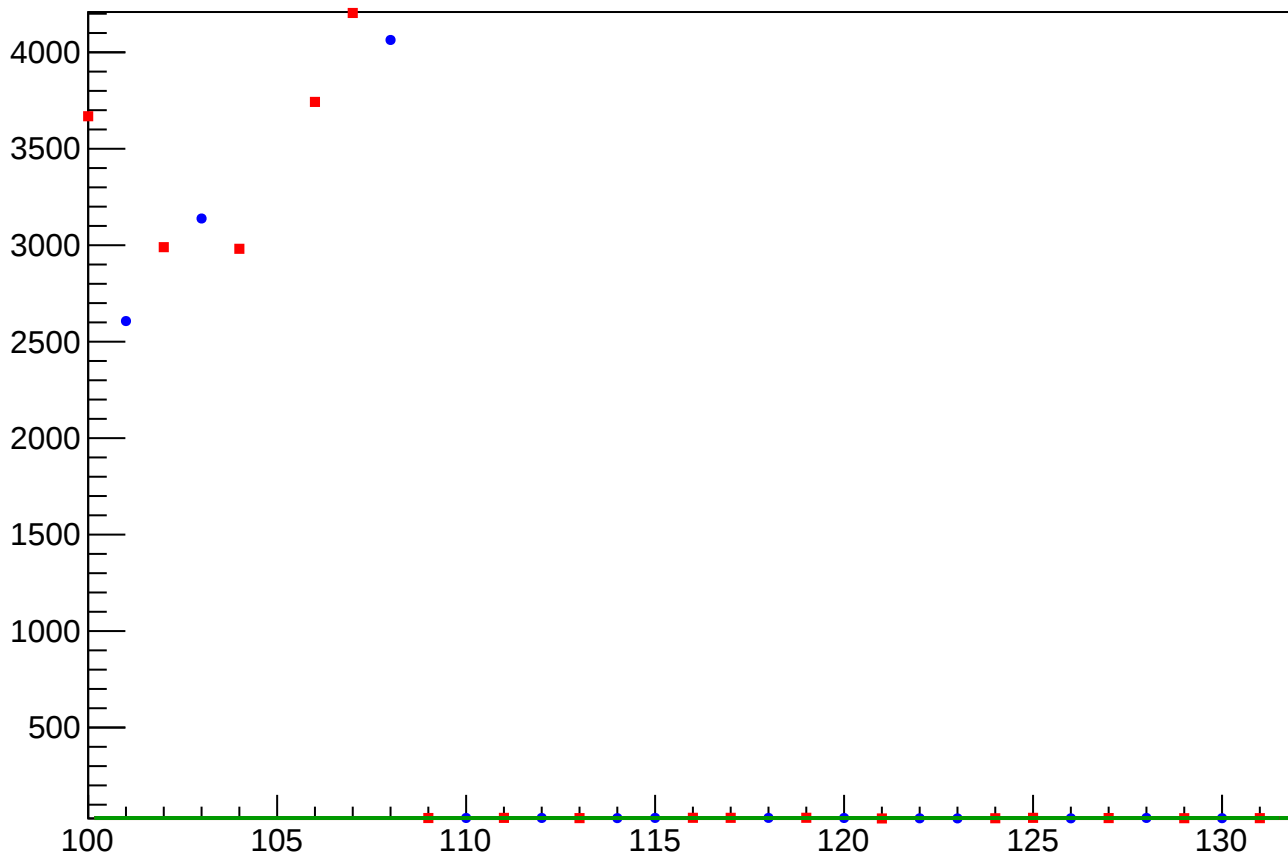
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4.185+/-15.144 χ^2 /NDF: 13.0/14

19.603+/-10.756 χ^2 /NDF: 36.9/31

35.299+/-15.280 χ^2 /NDF: 21.8/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.016+/-0.011 χ^2/NDF : 3013643.7/14

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

Right Out: 30.891+/-0.011 χ^2/NDF : 3457276.0/16

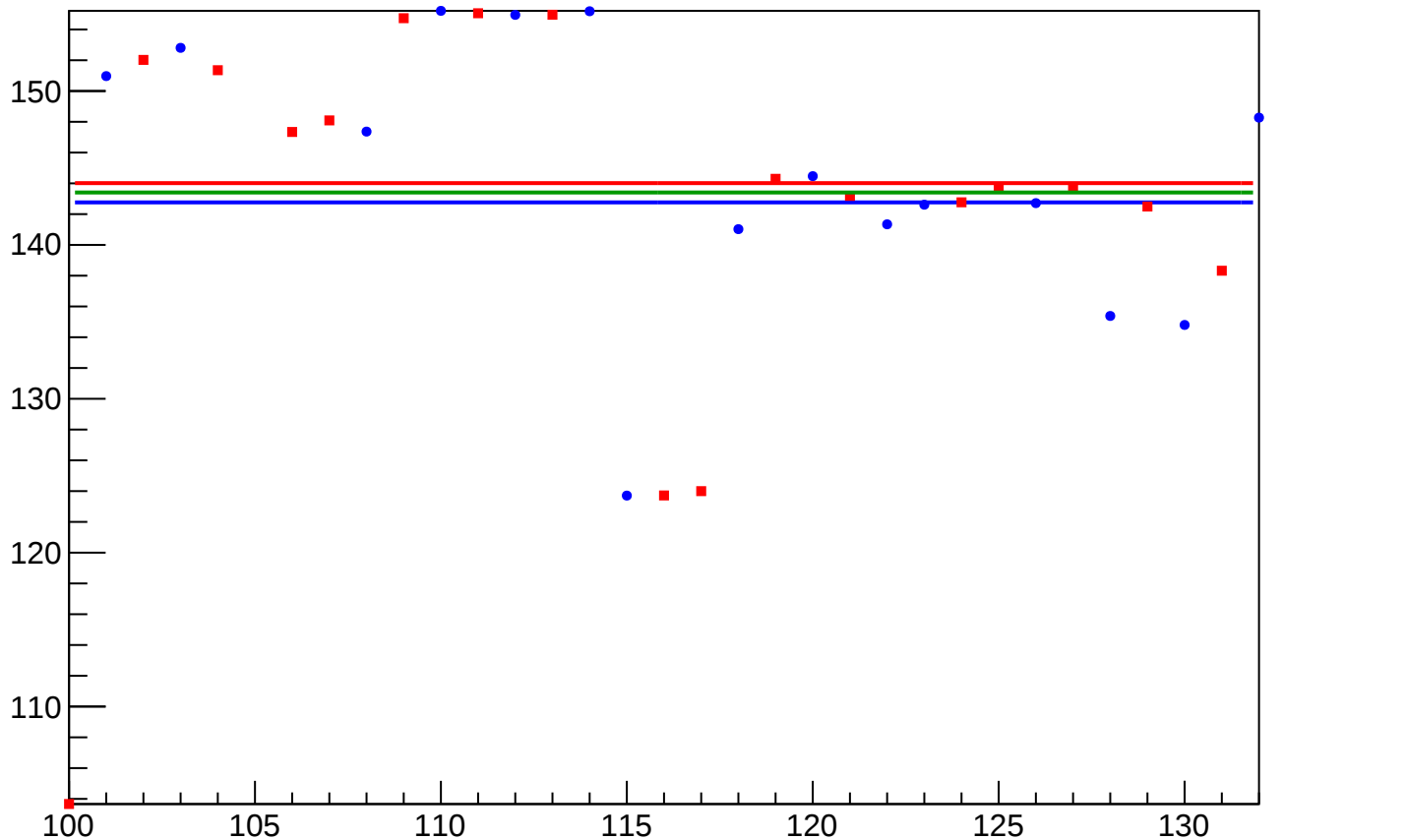
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.016+/-0.011 χ^2/NDF : 3013643.7/14

30.954+/-0.008 χ^2/NDF : 6470987.7/31

30.891+/-0.011 χ^2/NDF : 3457276.0/16

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 142.763+/-0.000 χ^2/NDF : 3231865521.8/14

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

Right Out: 144.015+/-0.000 χ^2/NDF : 4420726502.8/16

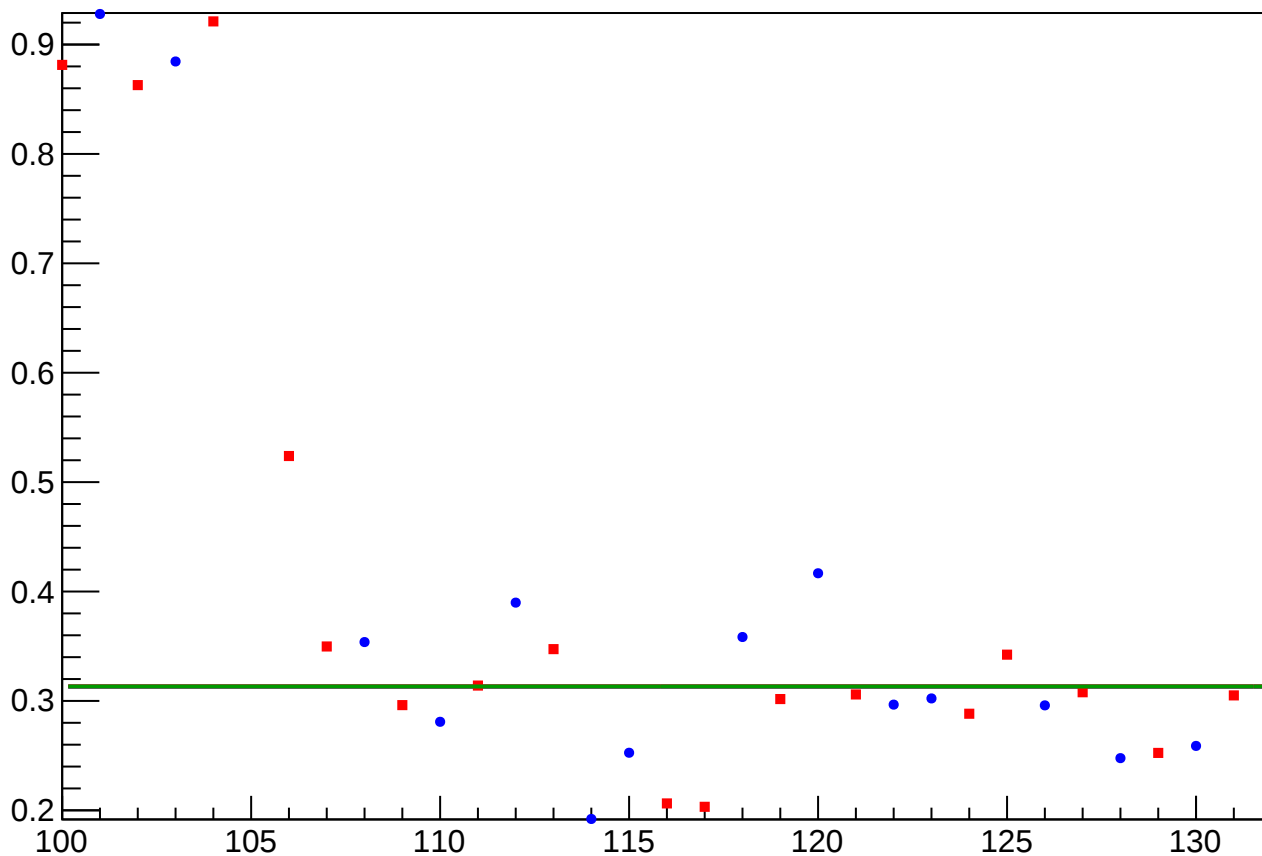
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.763+/-0.000 χ^2/NDF : 3231865521.8/14

143.406+/-0.000 χ^2/NDF : 7690357322.9/16

144.015+/-0.000 χ^2/NDF : 4420726502.8/16

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.313+/-0.000 χ^2/NDF : 1266496.4/14

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

Right Out: 0.313+/-0.000 χ^2/NDF : 1191675.5/16

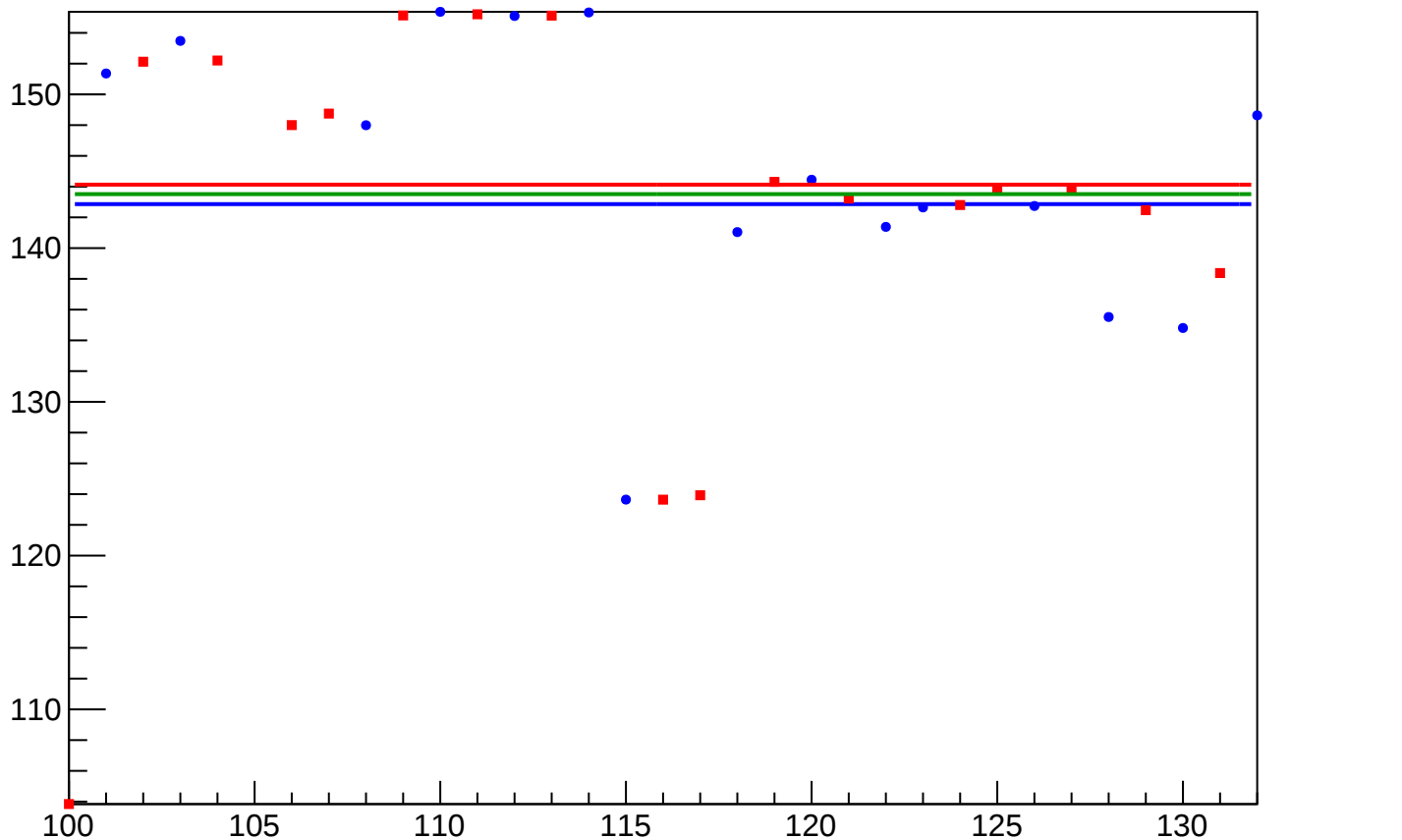
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1266496.4/14

0.313+/-0.000 χ^2/NDF : 2458173.8/31

0.313+/-0.000 χ^2/NDF : 1191675.5/16

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 142.862+/-0.000 χ^2/NDF : 3255771690.9/14

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

Right Out: 144.128+/-0.000 χ^2/NDF : 4443052264.7/16

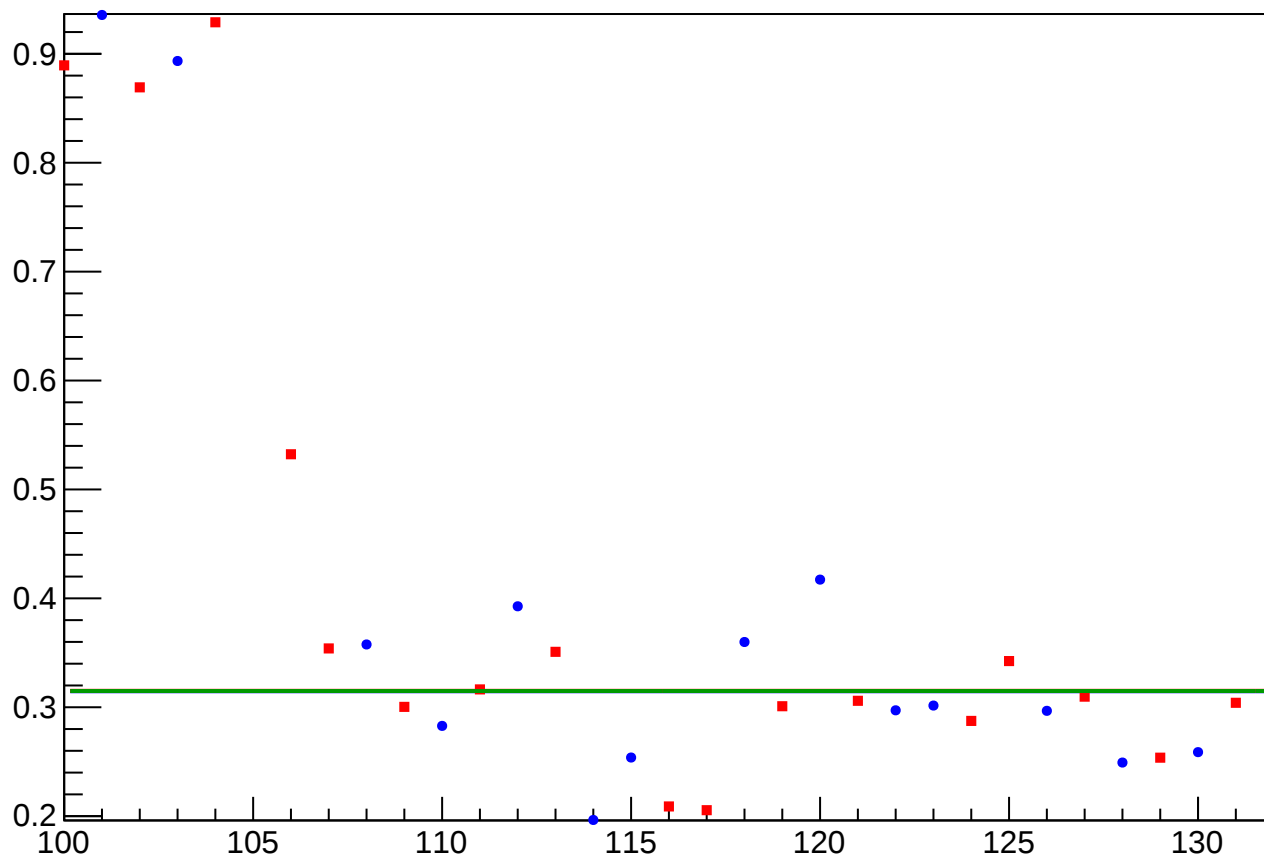
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.862+/-0.000 χ^2/NDF : 3255771690.9/14

143.512+/-0.000 χ^2/NDF : 7737006453.1/14

144.128+/-0.000 χ^2/NDF : 4443052264.7/16

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1267794.2/14

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

Right Out: 0.315+/-0.000 χ^2/NDF : 1193777.3/16

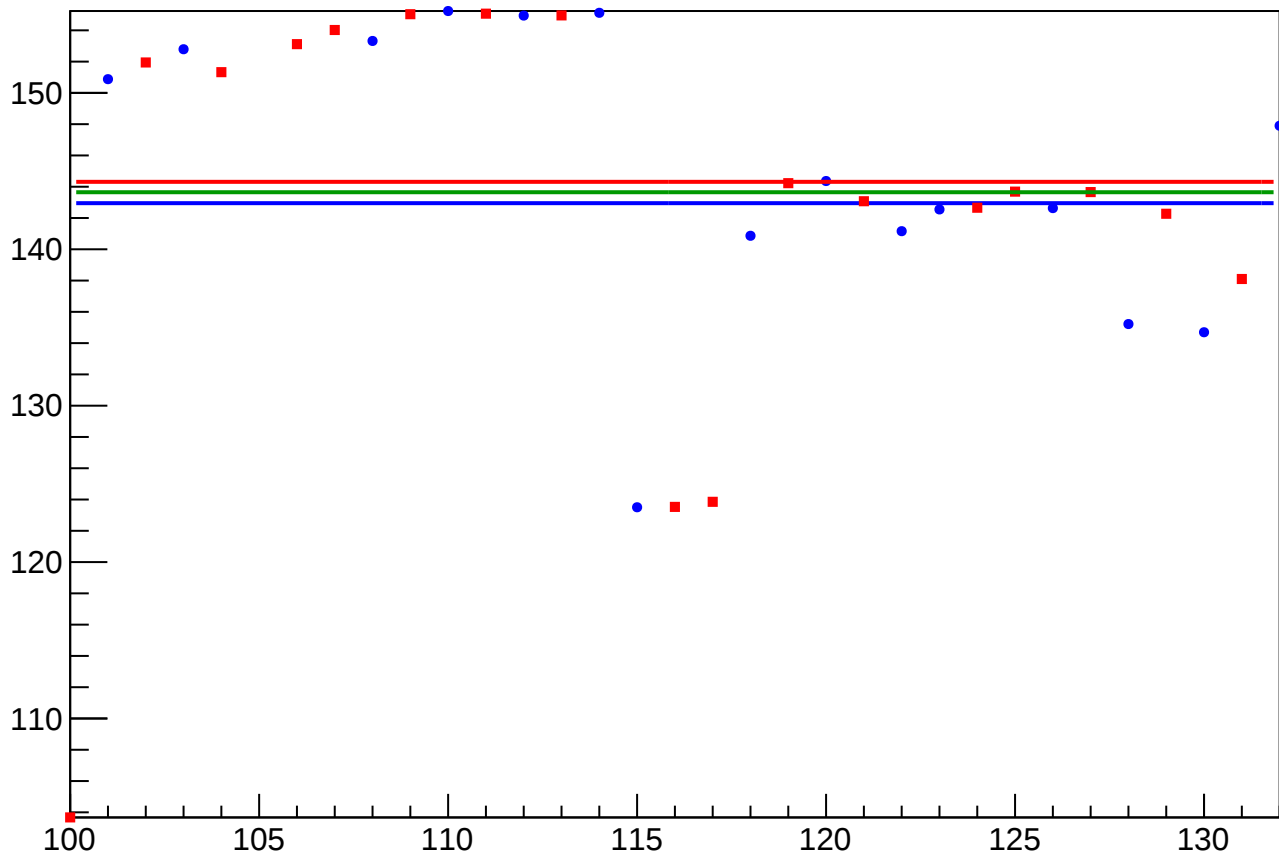
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1267794.2/14

0.315+/-0.000 χ^2/NDF : 2461578.6/31

0.315+/-0.000 χ^2/NDF : 1193777.3/16

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.949 $\pm$ 0.000 χ^2 /NDF: 3484337655.1/14

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

Right Out: 144.313 $\pm$ 0.000 χ^2 /NDF: 4726974734.8/16

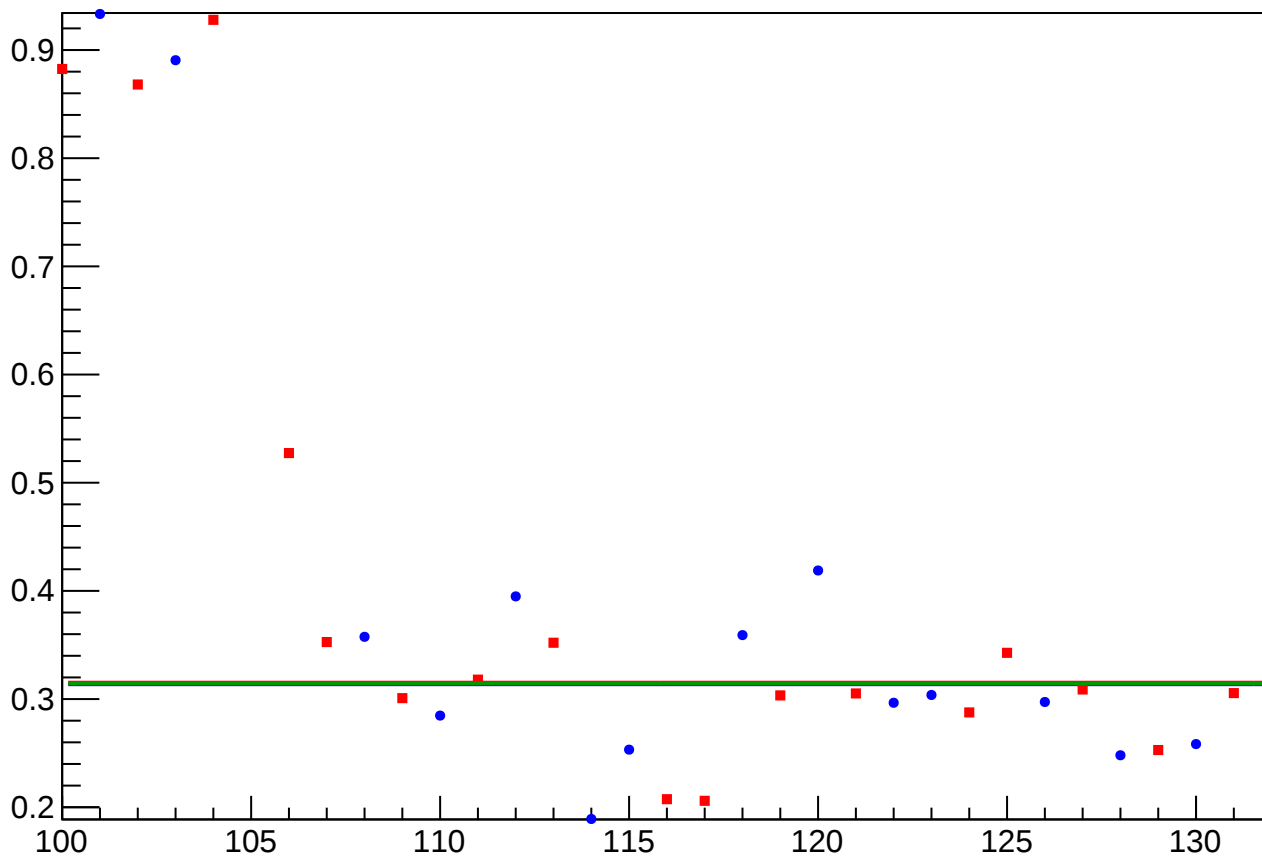
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.949 $\pm$ 0.000 χ^2 /NDF: 3484337655.1/14

143.648 $\pm$ 0.000 χ^2 /NDF: 8255744616.2/14

144.313 $\pm$ 0.000 χ^2 /NDF: 4726974734.8/16

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1281282.8/14

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

Right Out: 0.315+/-0.000 χ^2/NDF : 1195255.6/16

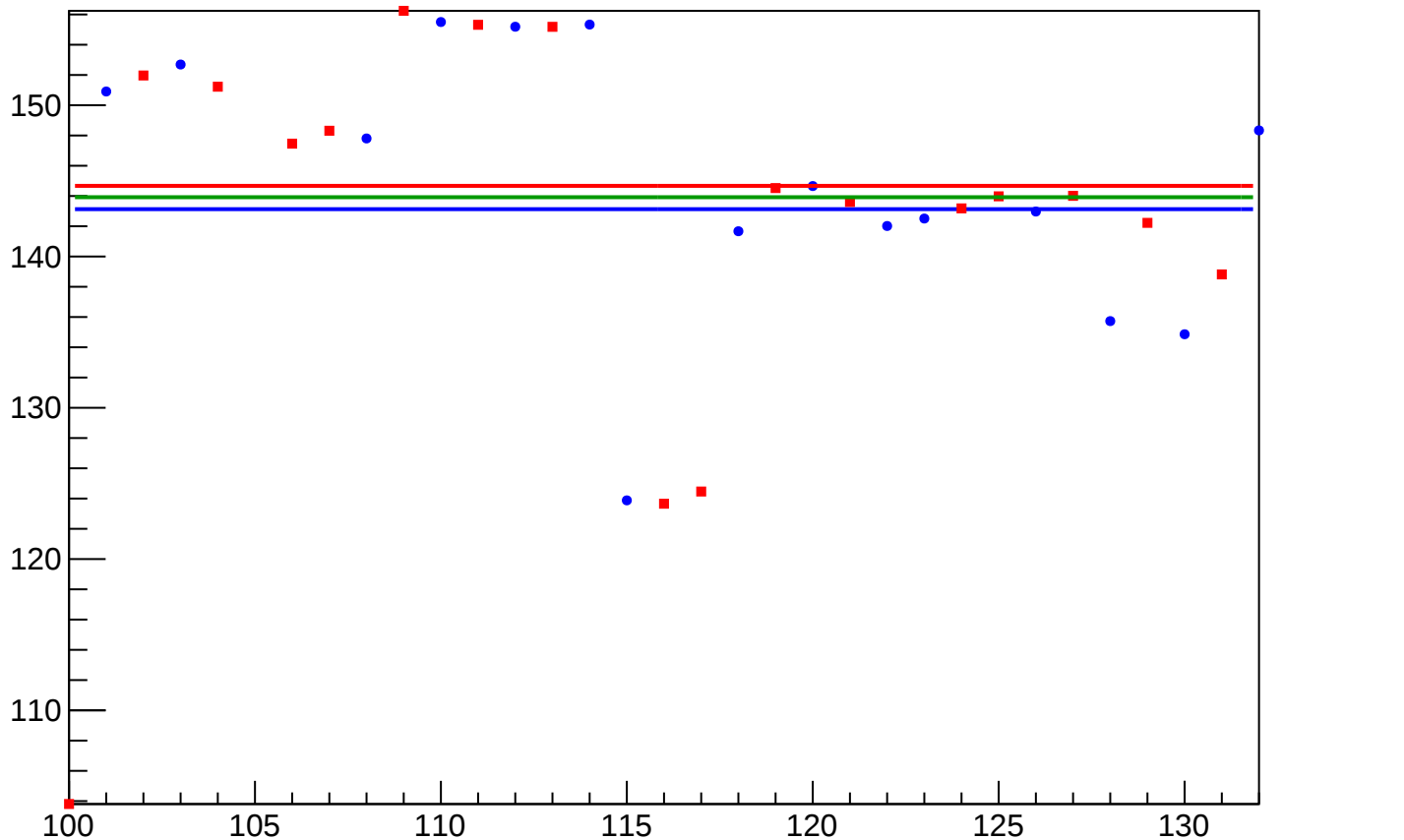
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1281282.8/14

0.314+/-0.000 χ^2/NDF : 2476623.2/31

0.315+/-0.000 χ^2/NDF : 1195255.6/16

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 143.130+/-0.000 χ^2/NDF : 2992751631.7/14

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

Right Out: 144.671+/-0.000 χ^2/NDF : 4005931839.0/16

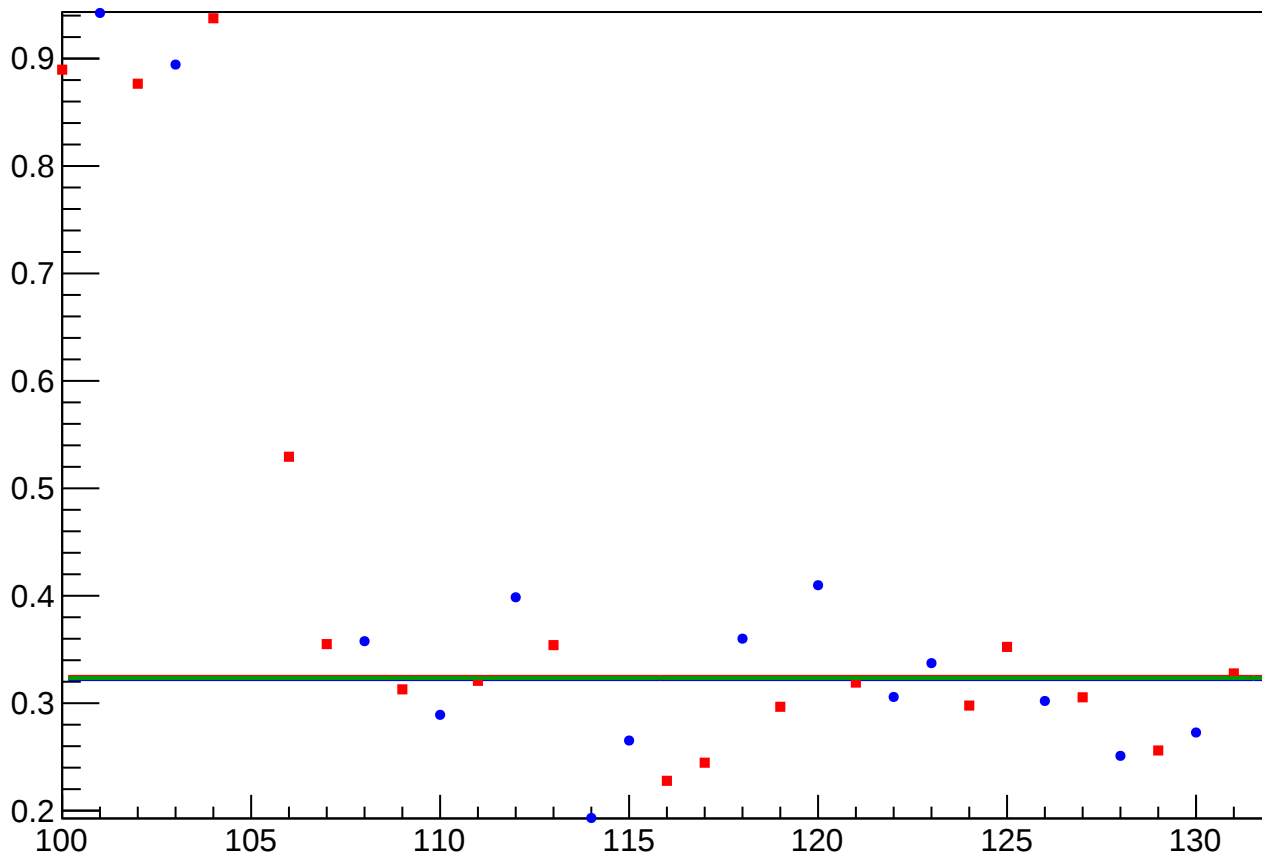
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.130+/-0.000 χ^2/NDF : 2992751631.7/14

143.921+/-0.000 χ^2/NDF : 7052398545.0/14

144.671+/-0.000 χ^2/NDF : 4005931839.0/16

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.322+/-0.000 χ^2/NDF : 1242686.9/14

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1128441.6/16

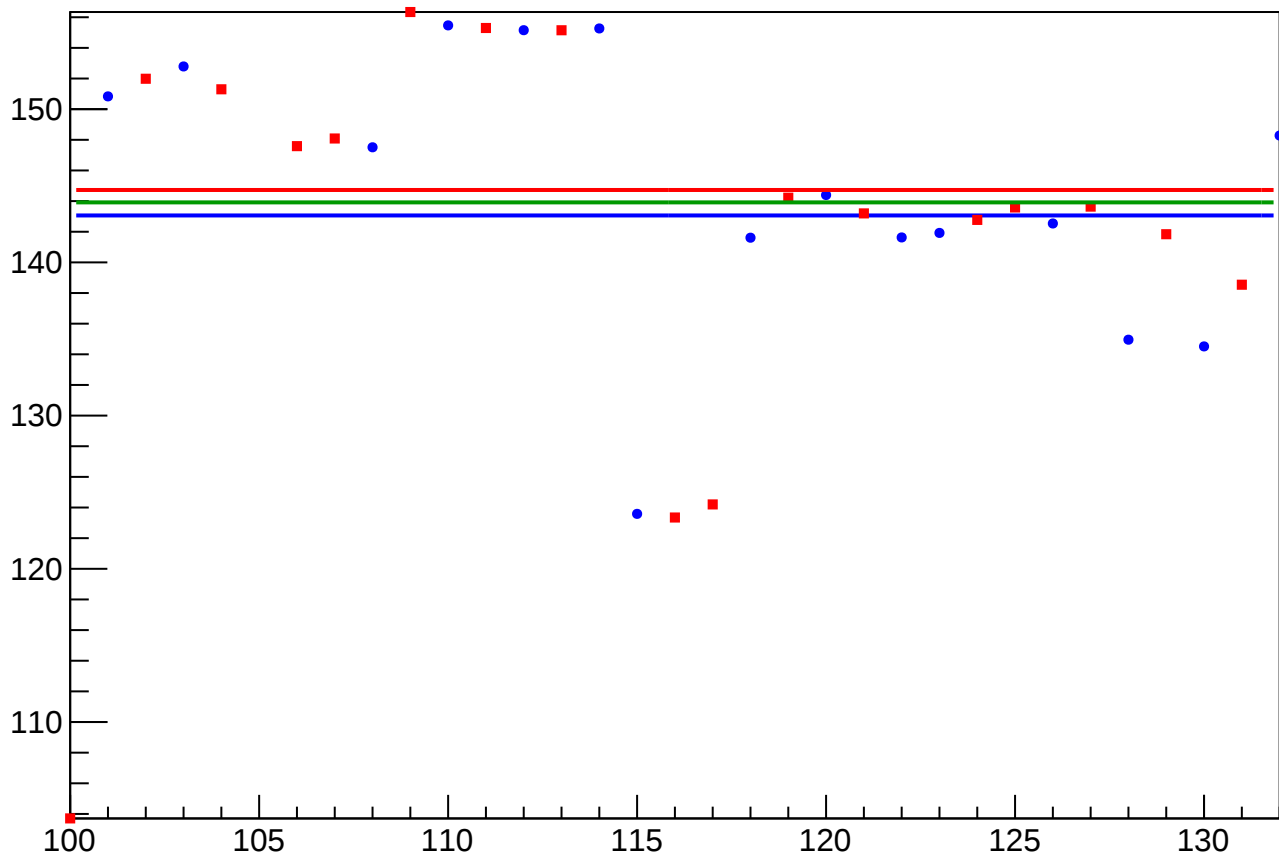
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.322+/-0.000 χ^2/NDF : 1242686.9/14

0.323+/-0.000 χ^2/NDF : 2371314.4/31

0.324+/-0.000 χ^2/NDF : 1128441.6/16

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.063+/-0.000 χ^2/NDF : 3142283908.2/14

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

Right Out: 144.725+/-0.000 χ^2/NDF : 4047115625.2/16

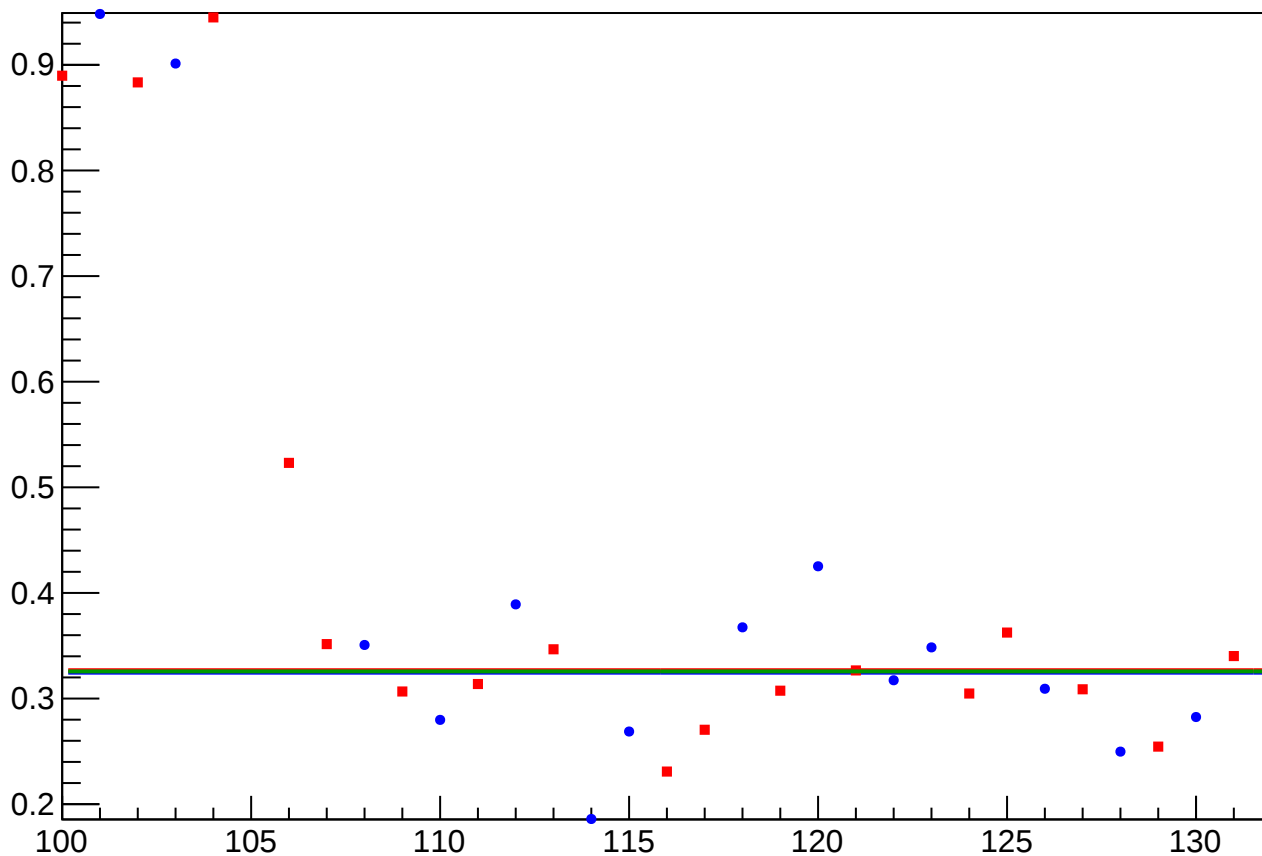
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.063+/-0.000 χ^2/NDF : 3142283908.2/14

143.916+/-0.000 χ^2/NDF : 7250985626.1/16

144.725+/-0.000 χ^2/NDF : 4047115625.2/16

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.325+/-0.000 χ^2/NDF : 1260437.3/14

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1118736.8/16

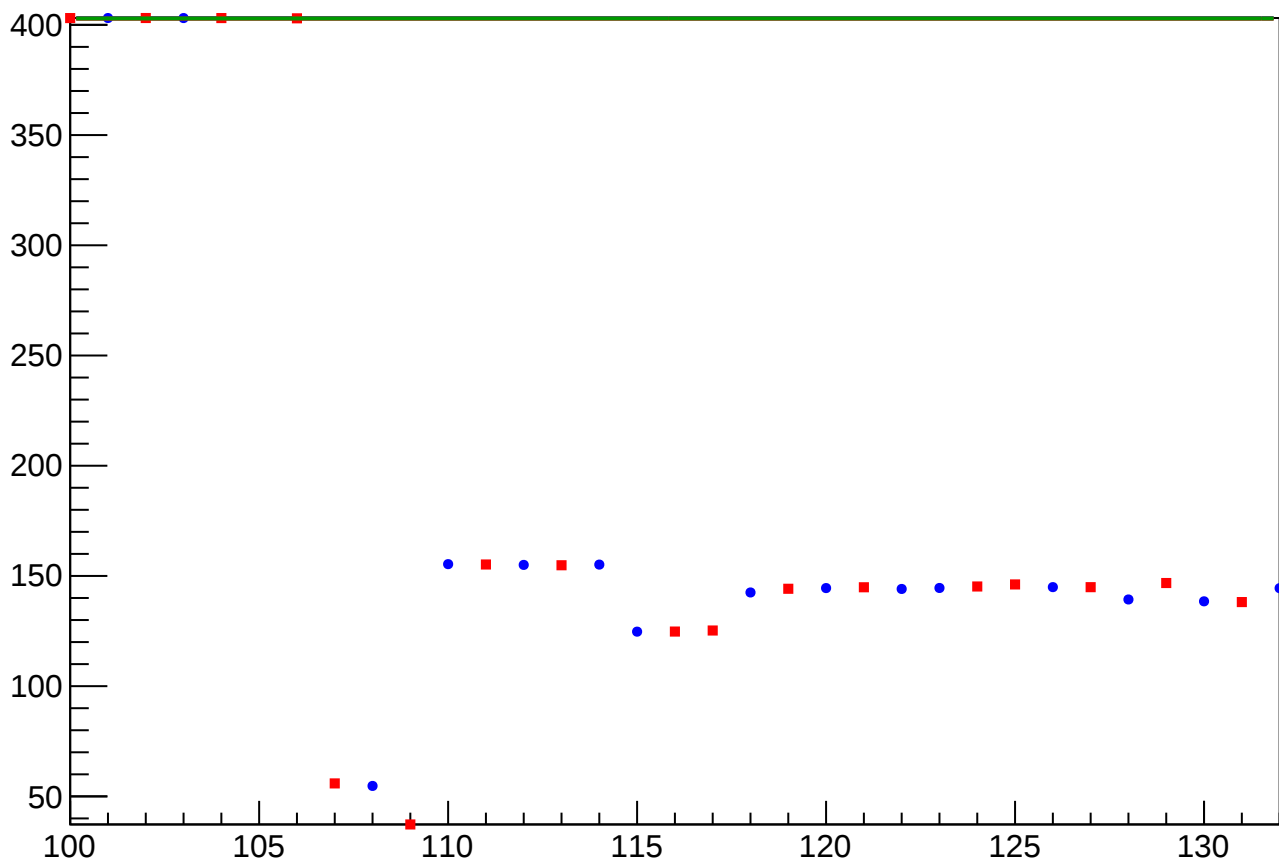
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.325+/-0.000 χ^2/NDF : 1260437.3/14

0.326+/-0.000 χ^2/NDF : 2379410.0/31

0.327+/-0.000 χ^2/NDF : 1118736.8/16

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.993+/-0.000 χ^2/NDF : 810197606435.5/14

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

Right Out: 402.827+/-0.000 χ^2/NDF : 2846761930806.6/16

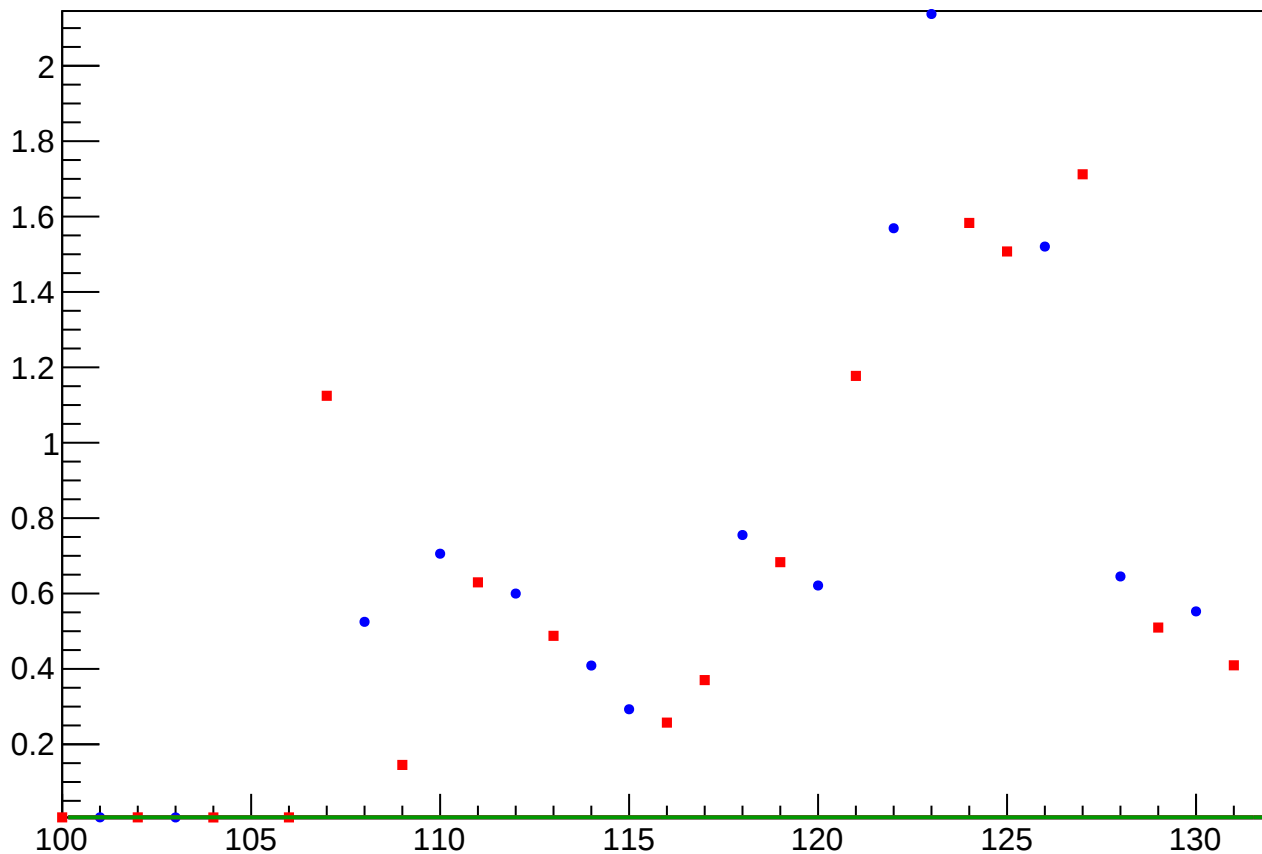
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.993+/-0.000 χ^2/NDF : 810197606435.5/14

402.905+/-0.000 χ^2/NDF : 365741763543

402.827+/-0.000 χ^2/NDF : 2846761930806.6/16

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7279008.8/14

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

Right Out: 0.006+/-0.000 χ^2/NDF : 7272135.3/16

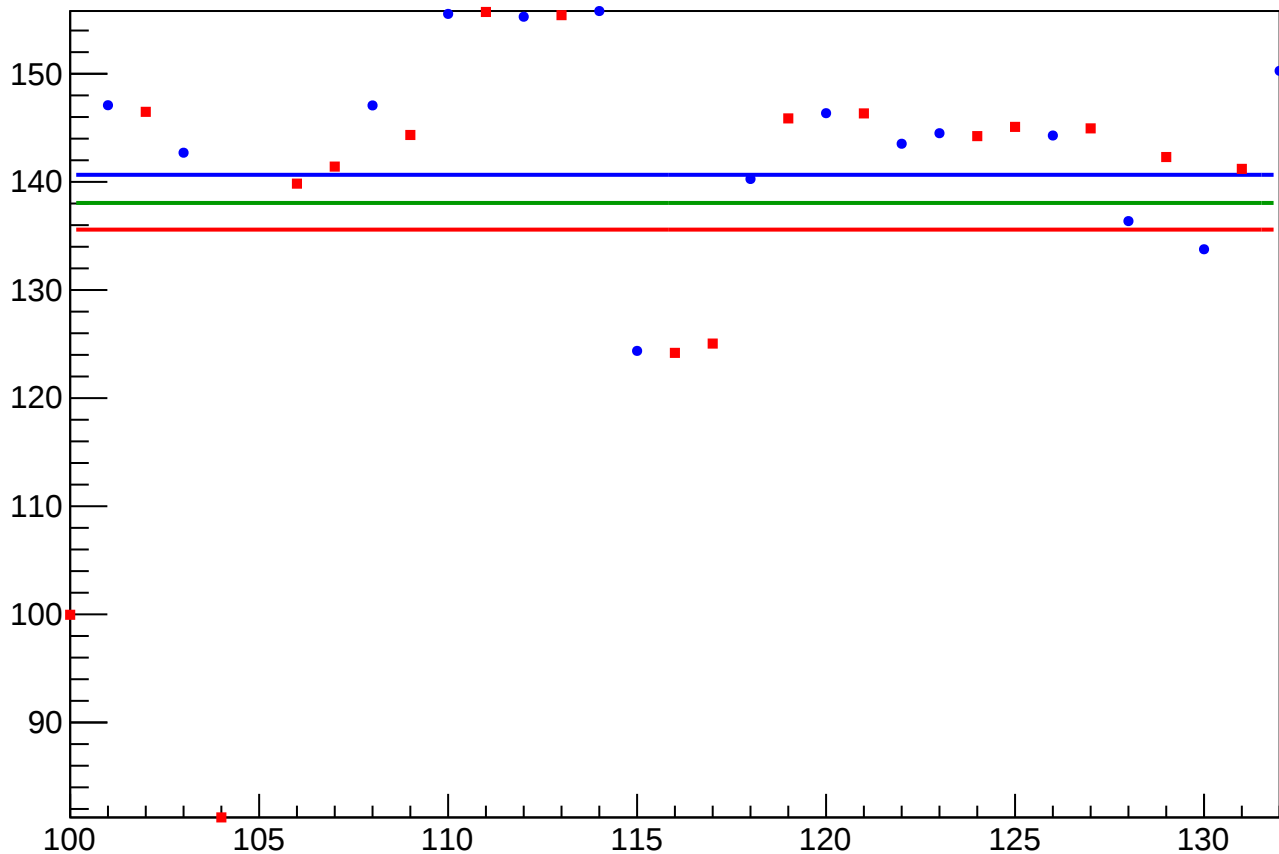
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7279008.8/14

0.006+/-0.000 χ^2/NDF : 14551144.2/31

0.006+/-0.000 χ^2/NDF : 7272135.3/16

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.655+/-0.000 χ^2/NDF : 907920823.5/14

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

Right Out: 135.586+/-0.000 χ^2/NDF : 1185829386.9/16

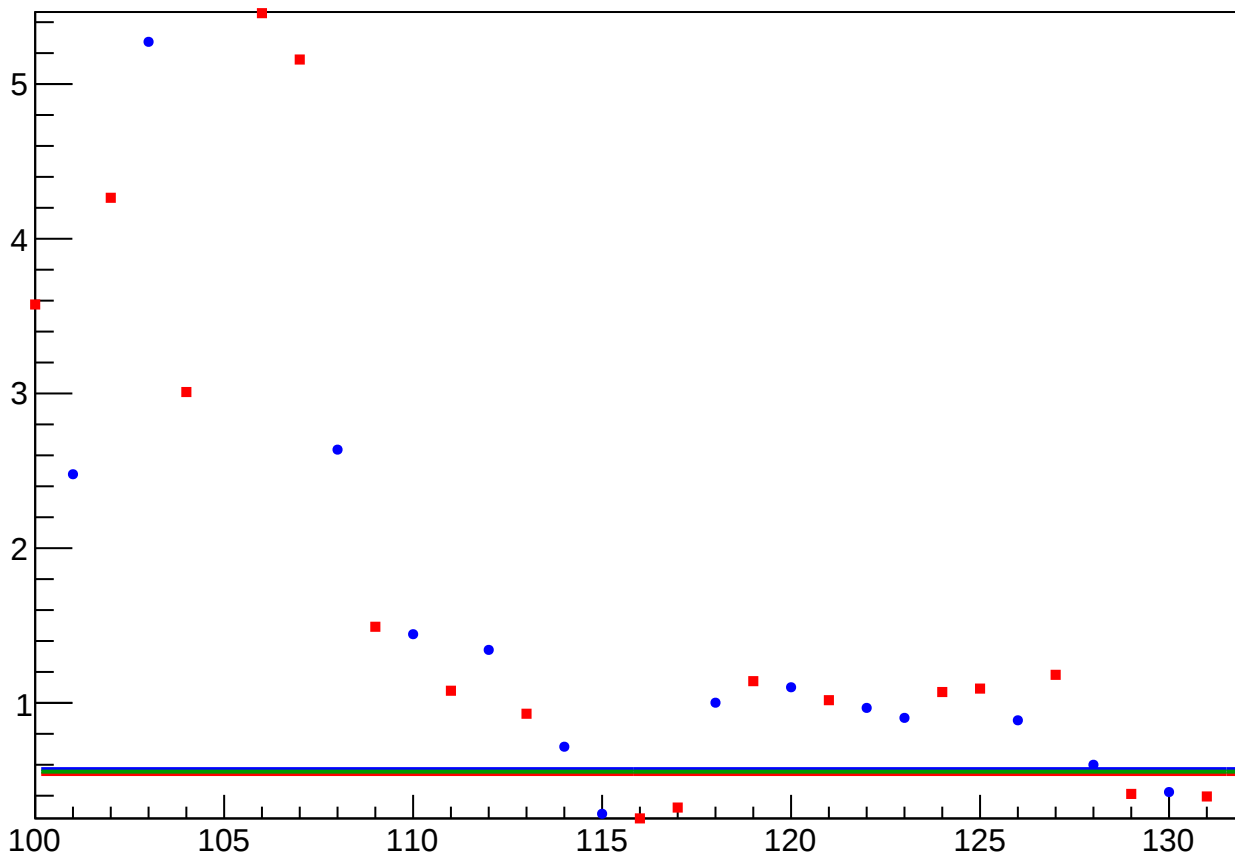
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.655+/-0.000 χ^2/NDF : 907920823.5/14

138.053+/-0.000 χ^2/NDF : 2212114548.3/16

135.586+/-0.000 χ^2/NDF : 1185829386.9/16

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.572+/-0.000 χ^2/NDF : 3455831.4/14

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

Right Out: 0.540+/-0.000 χ^2/NDF : 4654145.2/16

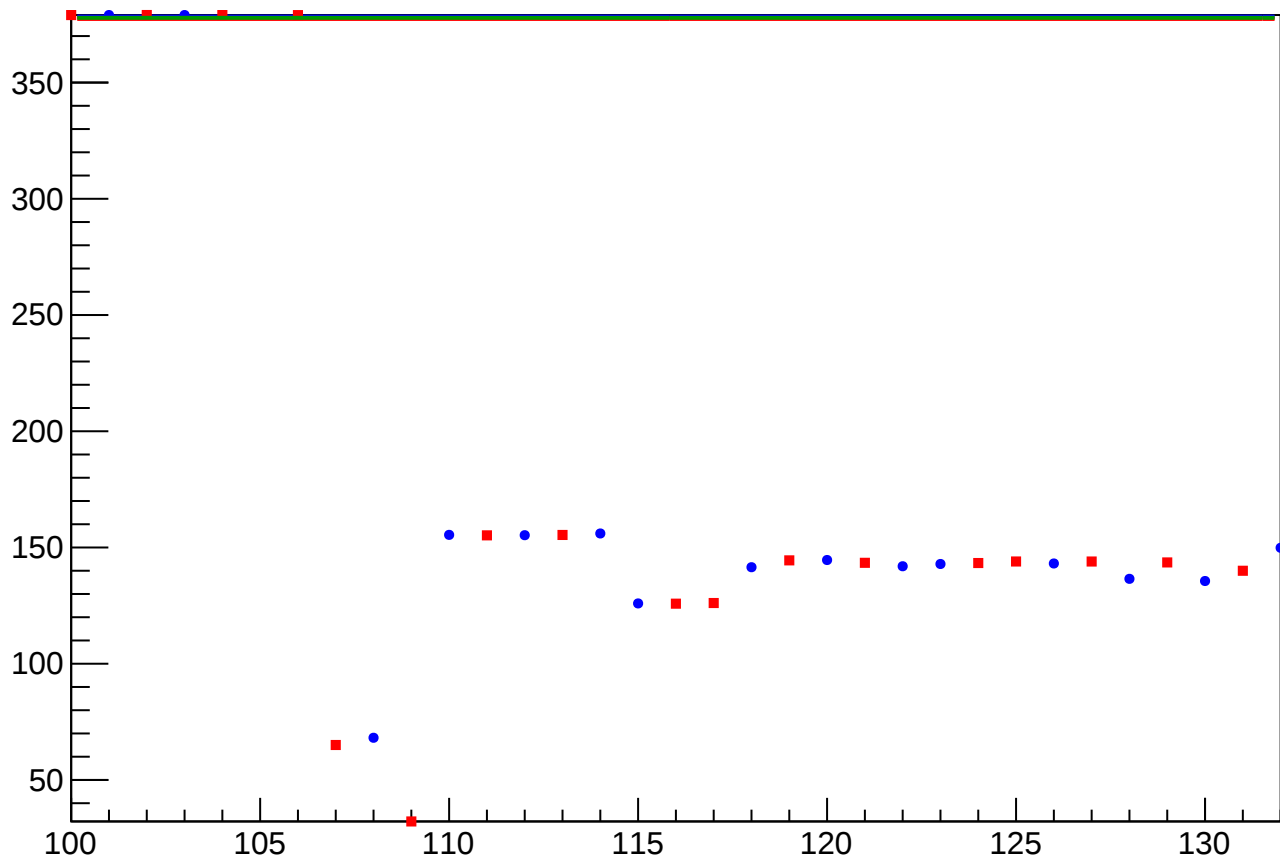
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.572+/-0.000 χ^2/NDF : 3455831.4/14

0.556+/-0.000 χ^2/NDF : 8119277.3/31

0.540+/-0.000 χ^2/NDF : 4654145.2/16

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.397+/-0.000 χ^2/NDF : 2158822501986.8/14

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

Right Out: 377.370+/-0.000 χ^2/NDF : 7996853428281.0/16

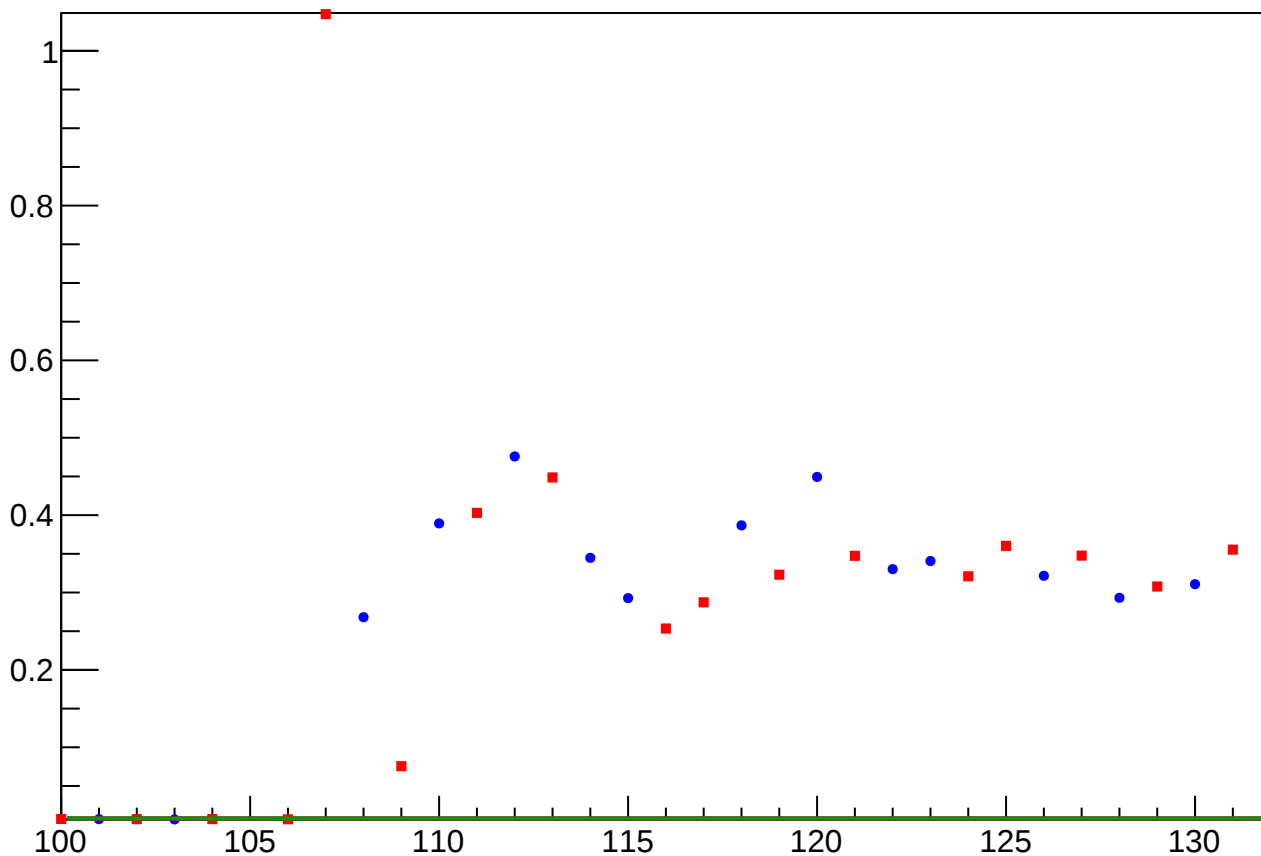
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.397+/-0.000 χ^2/NDF : 2158822501986.8/14

377.850+/-0.000 χ^2/NDF : 101631573288

377.370+/-0.000 χ^2/NDF : 7996853428281.0/16

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7961289.7/14

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

Right Out: 0.008+/-0.000 χ^2/NDF : 7578663.5/16

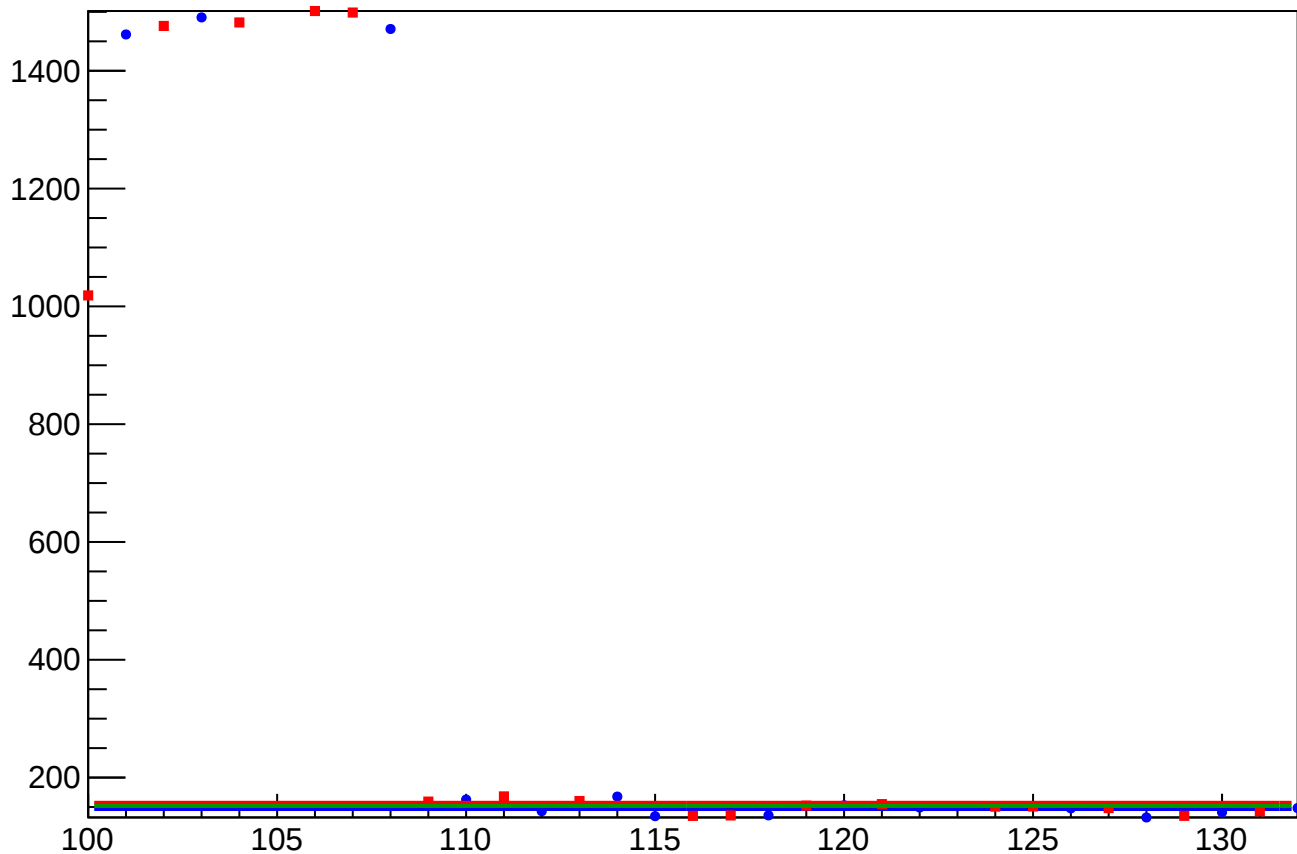
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7961289.7/14

0.008+/-0.000 χ^2/NDF : 15540003.5/31

0.008+/-0.000 χ^2/NDF : 7578663.5/16

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.632+/-0.000 χ^2/NDF : 24344041153.1/14

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

Right Out: 157.169+/-0.000 χ^2/NDF : 33387834771.6/16

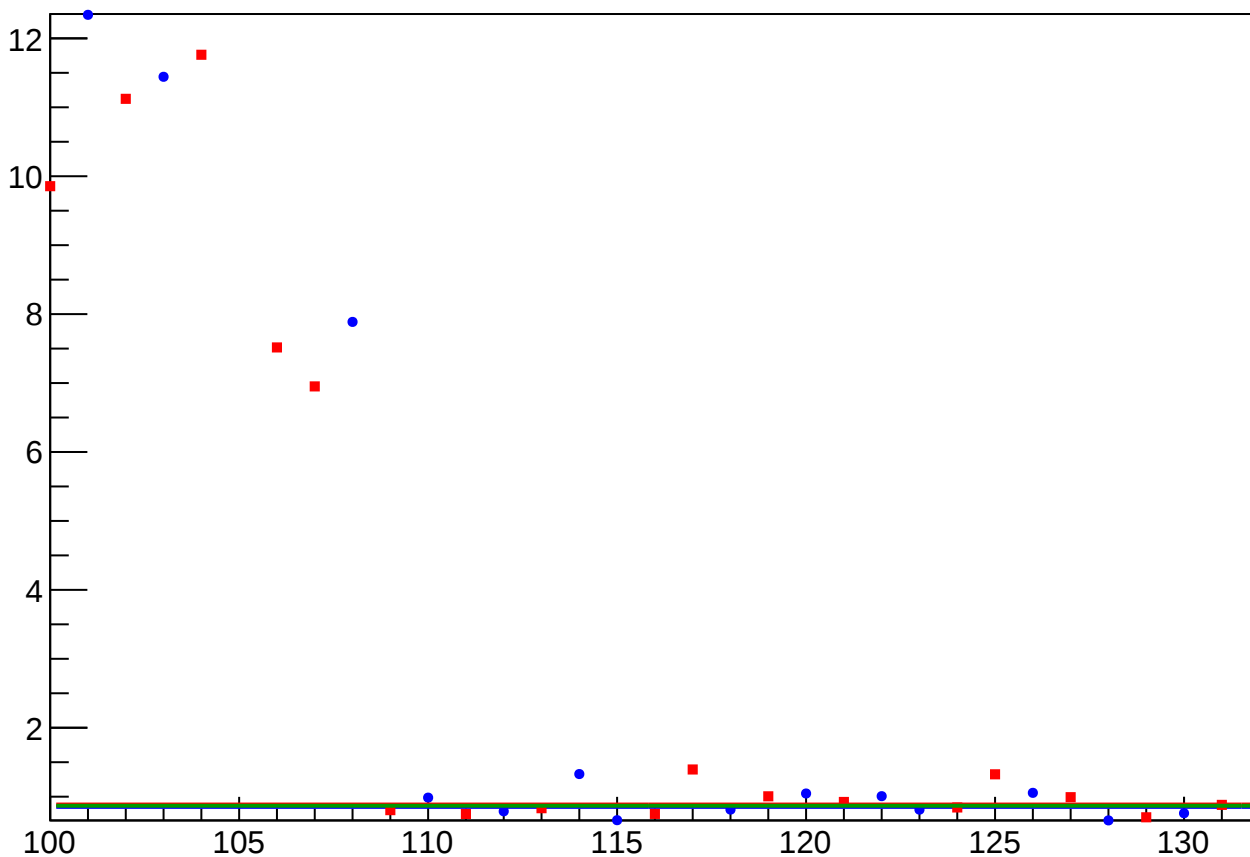
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.632+/-0.000 χ^2/NDF : 24344041153.1/14

151.775+/-0.000 χ^2/NDF : 57970767569.5

157.169+/-0.000 χ^2/NDF : 33387834771.6/16

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.852+/-0.000 χ^2/NDF : 2662832.6/14

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

Right Out: 0.886+/-0.000 χ^2/NDF : 2787453.3/16

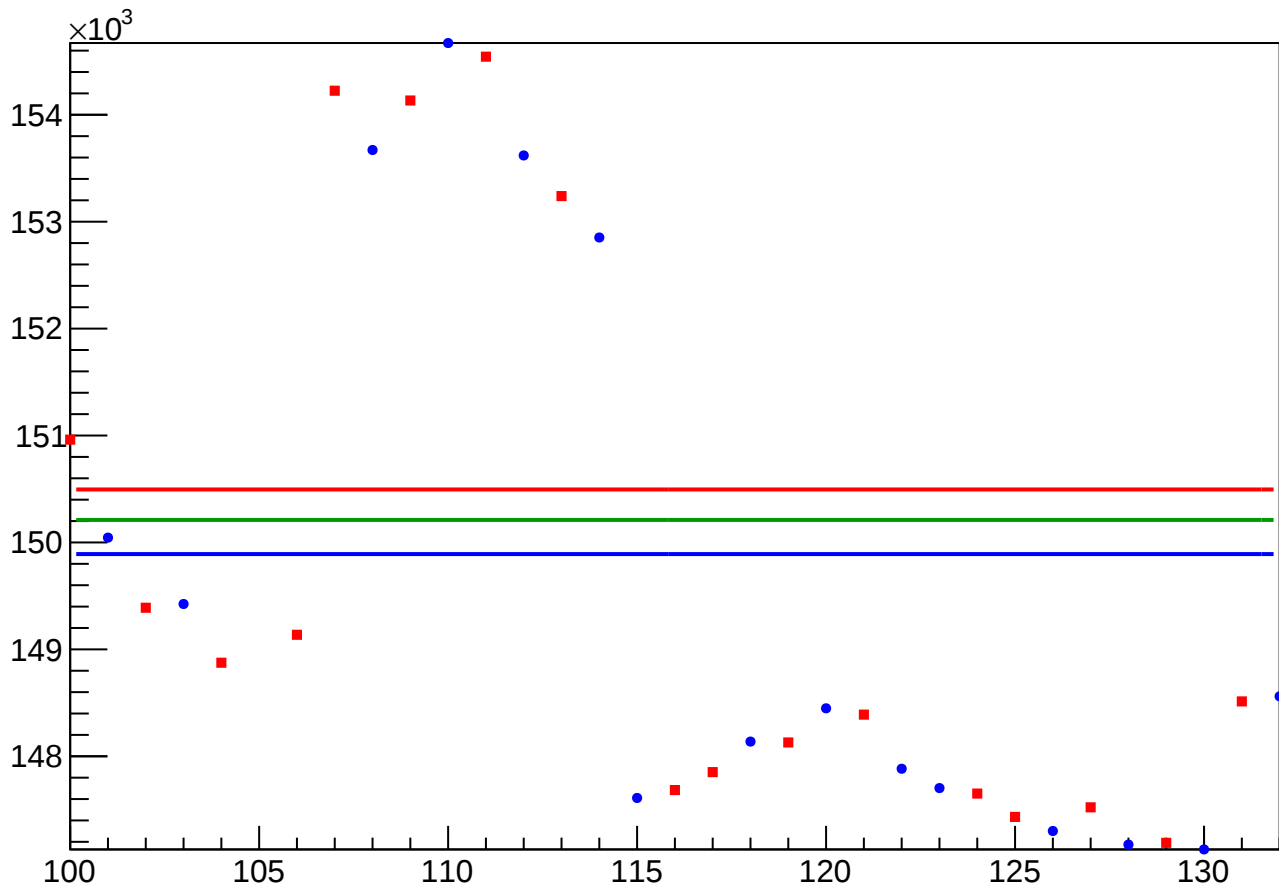
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.852+/-0.000 χ^2/NDF : 2662832.6/14

0.869+/-0.000 χ^2/NDF : 5455129.3/31

0.886+/-0.000 χ^2/NDF : 2787453.3/16

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 149891.229 $\pm$ 0.067 χ^2 /NDF: 1868738125.2/14

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

Right Out: 150495.494 $\pm$ 0.063 χ^2 /NDF: 2311455673.3/16

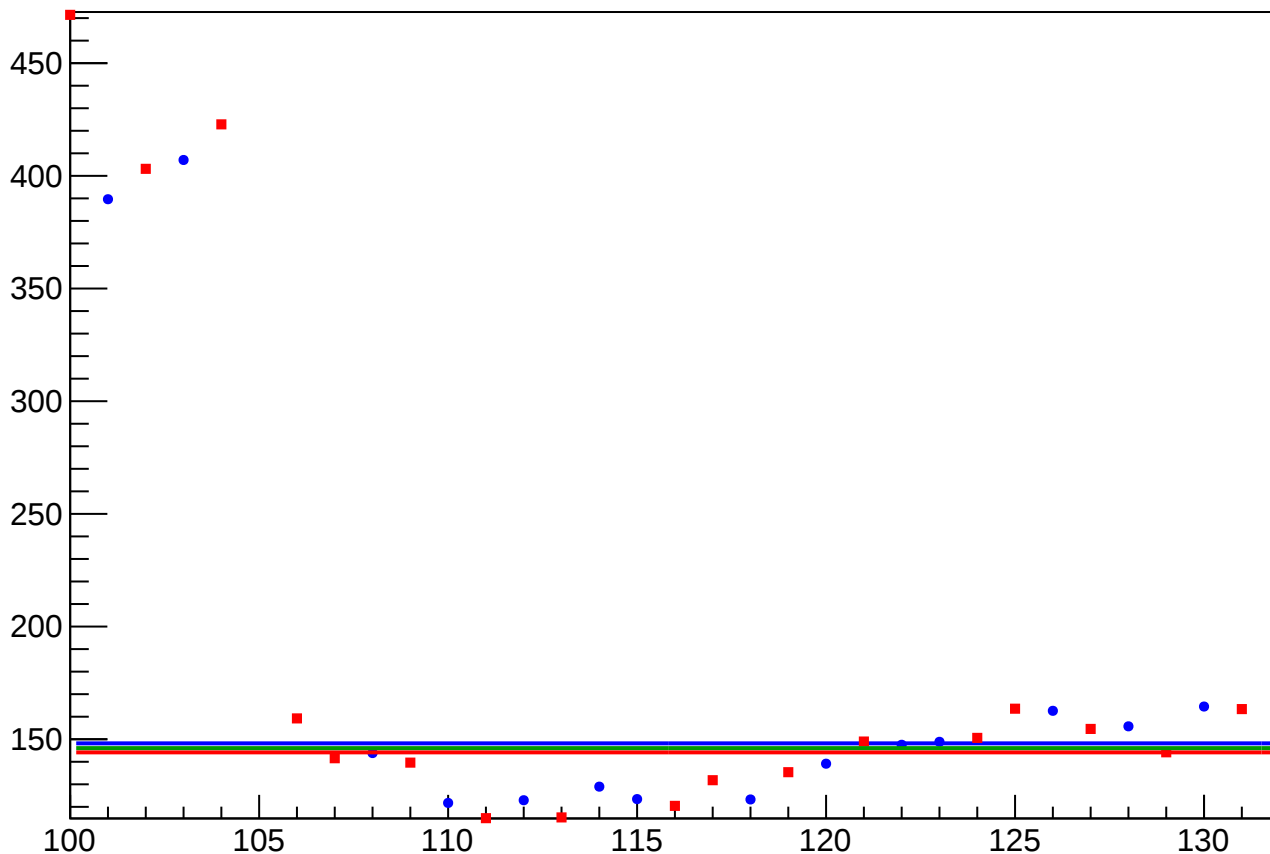
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149891.229 $\pm$ 0.067 χ^2 /NDF: 1868738125.2/14

150210.682 $\pm$ 0.046 χ^2 /NDF: 422367164

150495.494 $\pm$ 0.063 χ^2 /NDF: 2311455673.3/16

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.174+/-0.047 χ^2/NDF : 1058684.1/14

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

Right Out: 144.176+/-0.044 χ^2/NDF : 1105407.6/16

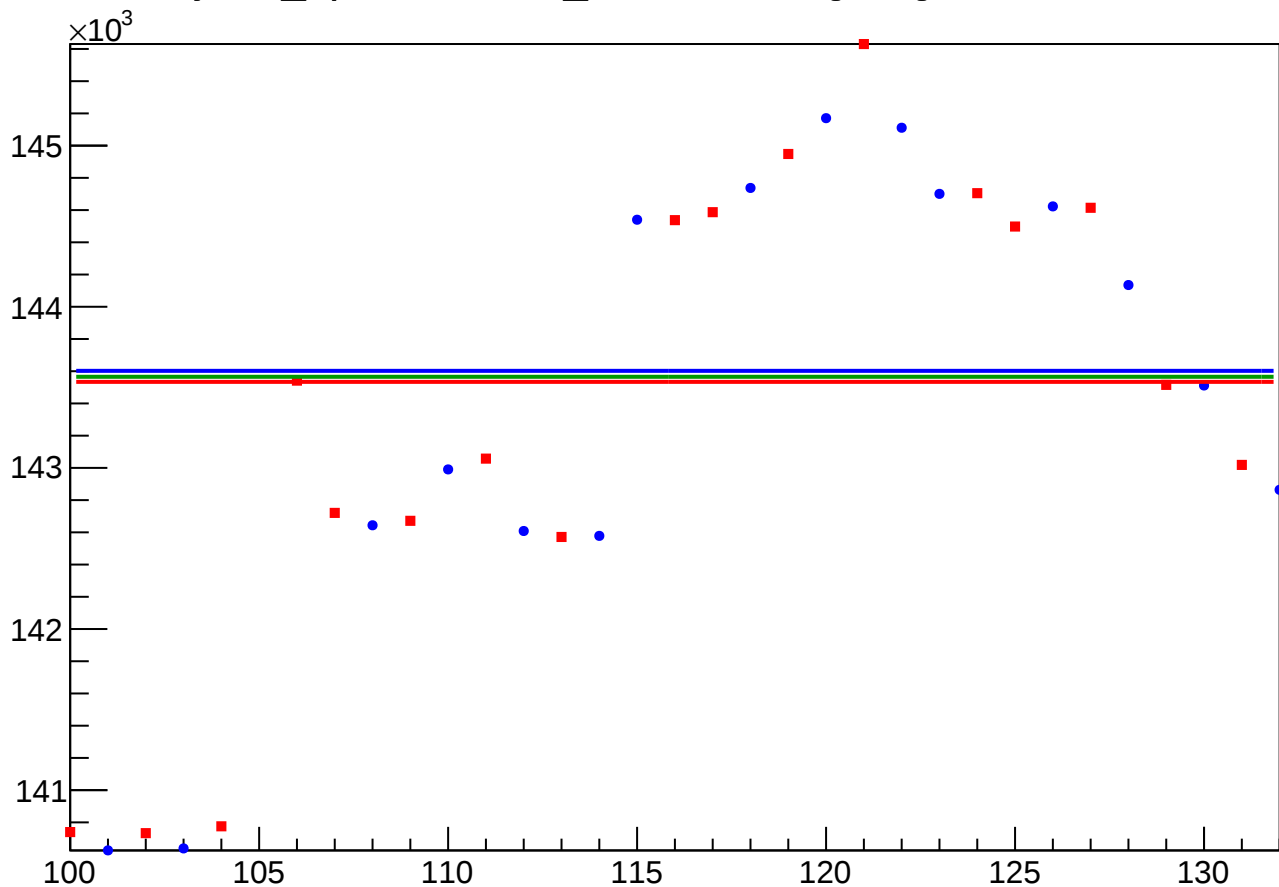
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.174+/-0.047 χ^2/NDF : 1058684.1/14

146.061+/-0.032 χ^2/NDF : 2167897.8/31

144.176+/-0.044 χ^2/NDF : 1105407.6/16

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143602.316 $\pm$ 0.056 χ^2 /NDF: 381188034.7/14

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

Right Out: 143533.909 $\pm$ 0.052 χ^2 /NDF: 411492906.0/16

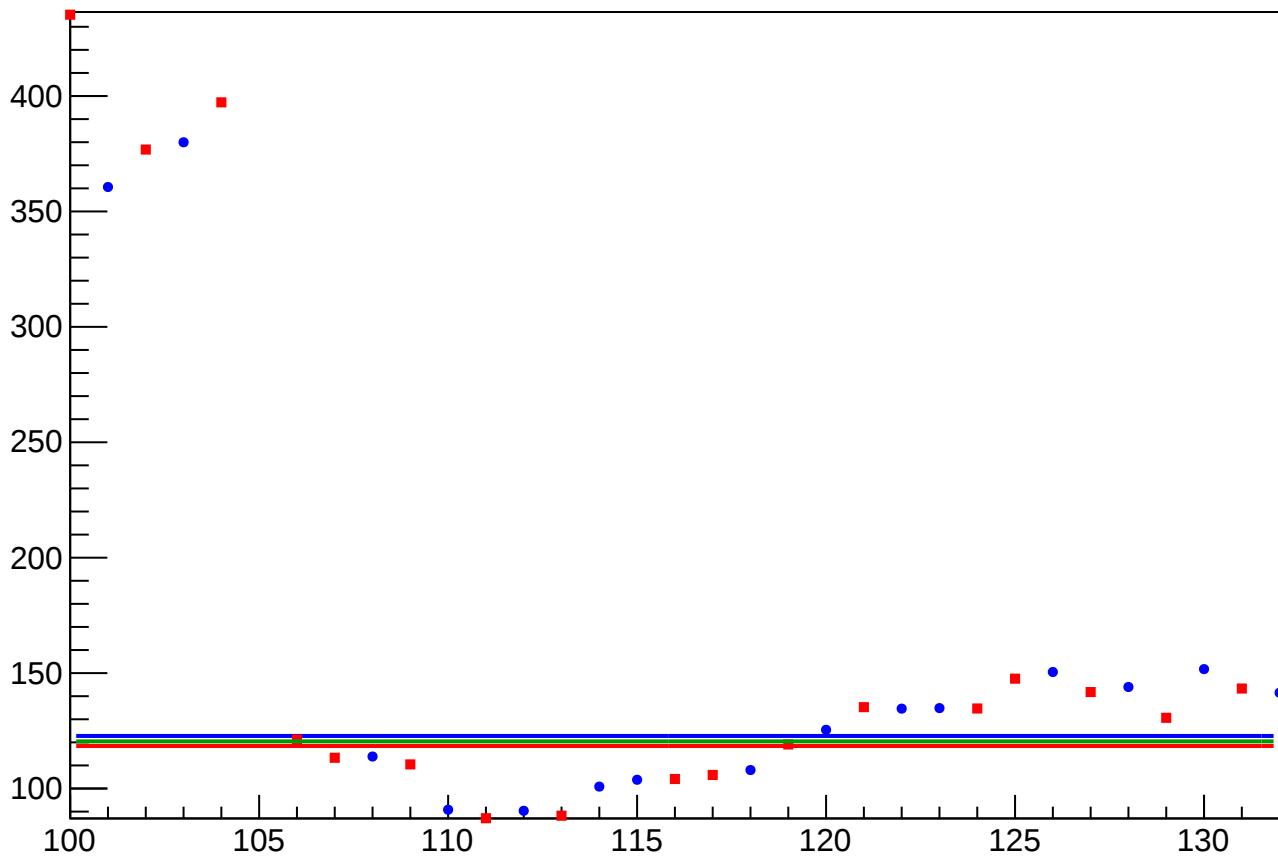
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143602.316 $\pm$ 0.056 χ^2 /NDF: 381188034.7/14

143565.434 $\pm$ 0.038 χ^2 /NDF: 793483789

143533.909 $\pm$ 0.052 χ^2 /NDF: 411492906.0/16

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 122.775 $\pm$ 0.040 χ^2 /NDF: 1362773.0/14

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

Right Out: 118.413 $\pm$ 0.037 χ^2 /NDF: 1391189.1/16

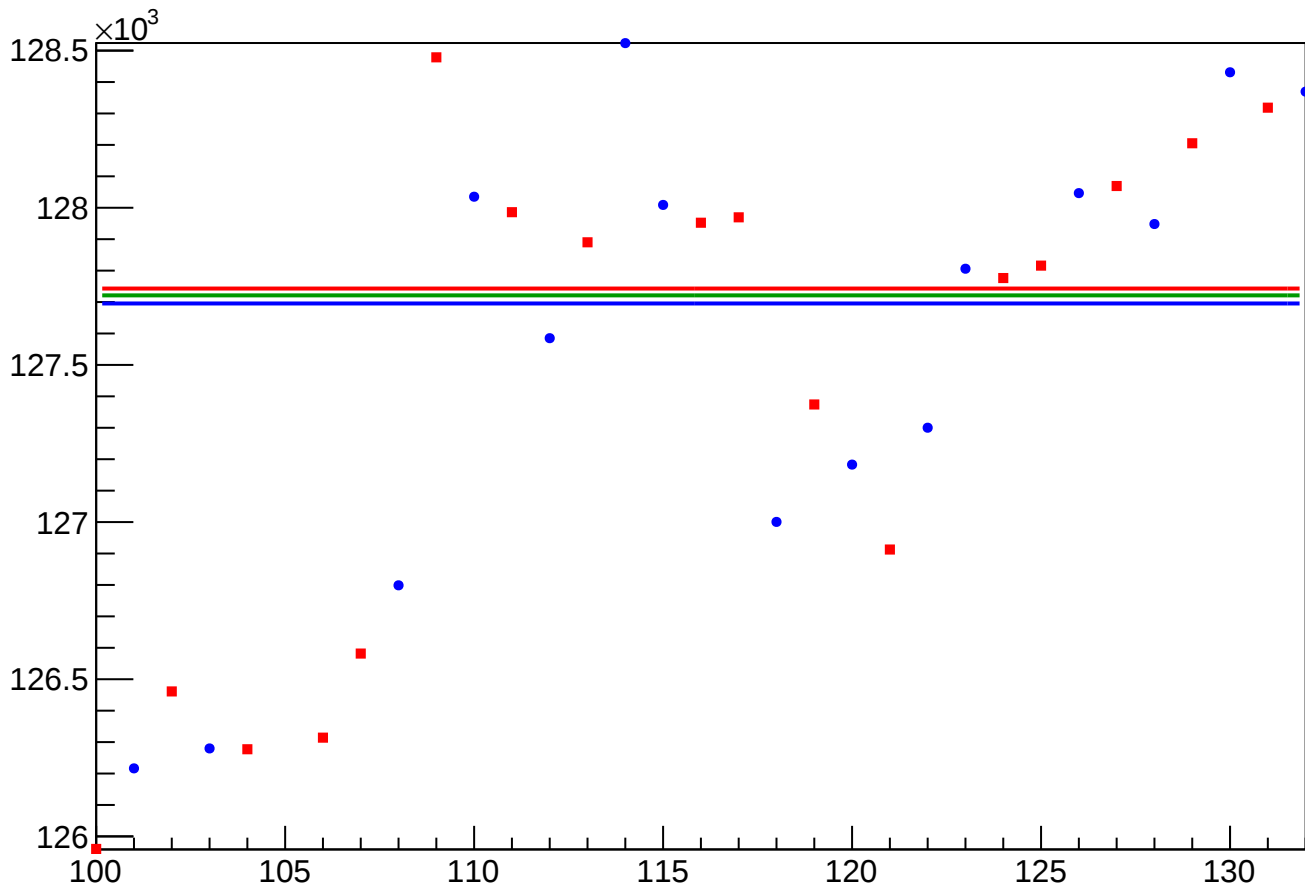
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

122.775 $\pm$ 0.040 χ^2 /NDF: 1362773.0/14

120.423 $\pm$ 0.027 χ^2 /NDF: 2760490.0/31

118.413 $\pm$ 0.037 χ^2 /NDF: 1391189.1/16

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127695.497 $\pm$ 0.063 χ^2 /NDF: 95387393.0/14

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

127695.497 $\pm$ 0.063 χ^2 /NDF: 95387393.0/14

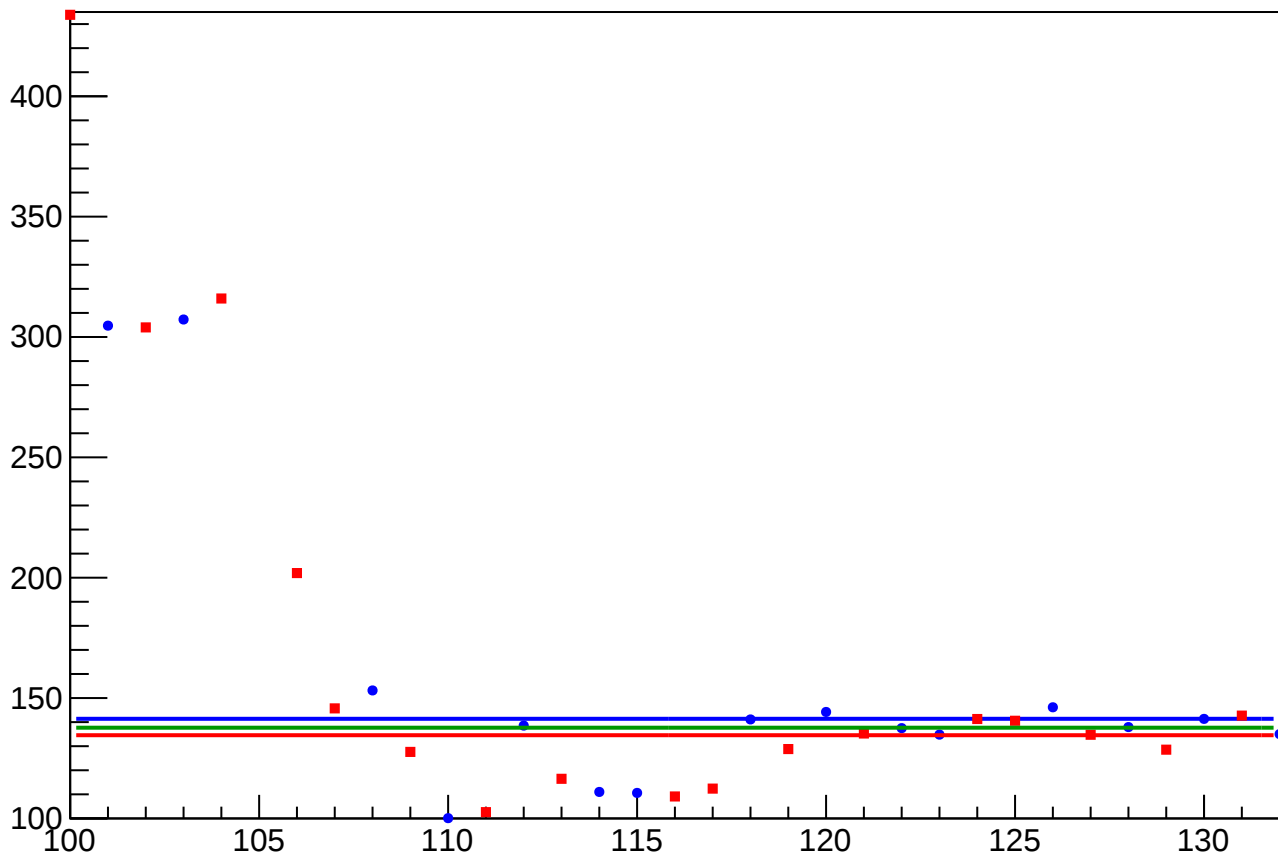
127721.263 $\pm$ 0.043 χ^2 /NDF: 204761611

Right Out: 127742.993 $\pm$ 0.058 χ^2 /NDF: 109066731.3/16

127742.993 $\pm$ 0.058 χ^2 /NDF: 109066731.3/16

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.384 $\pm$ 0.045 χ^2 /NDF: 824838.4/14

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

Right Out: 134.560 $\pm$ 0.041 χ^2 /NDF: 932381.0/16

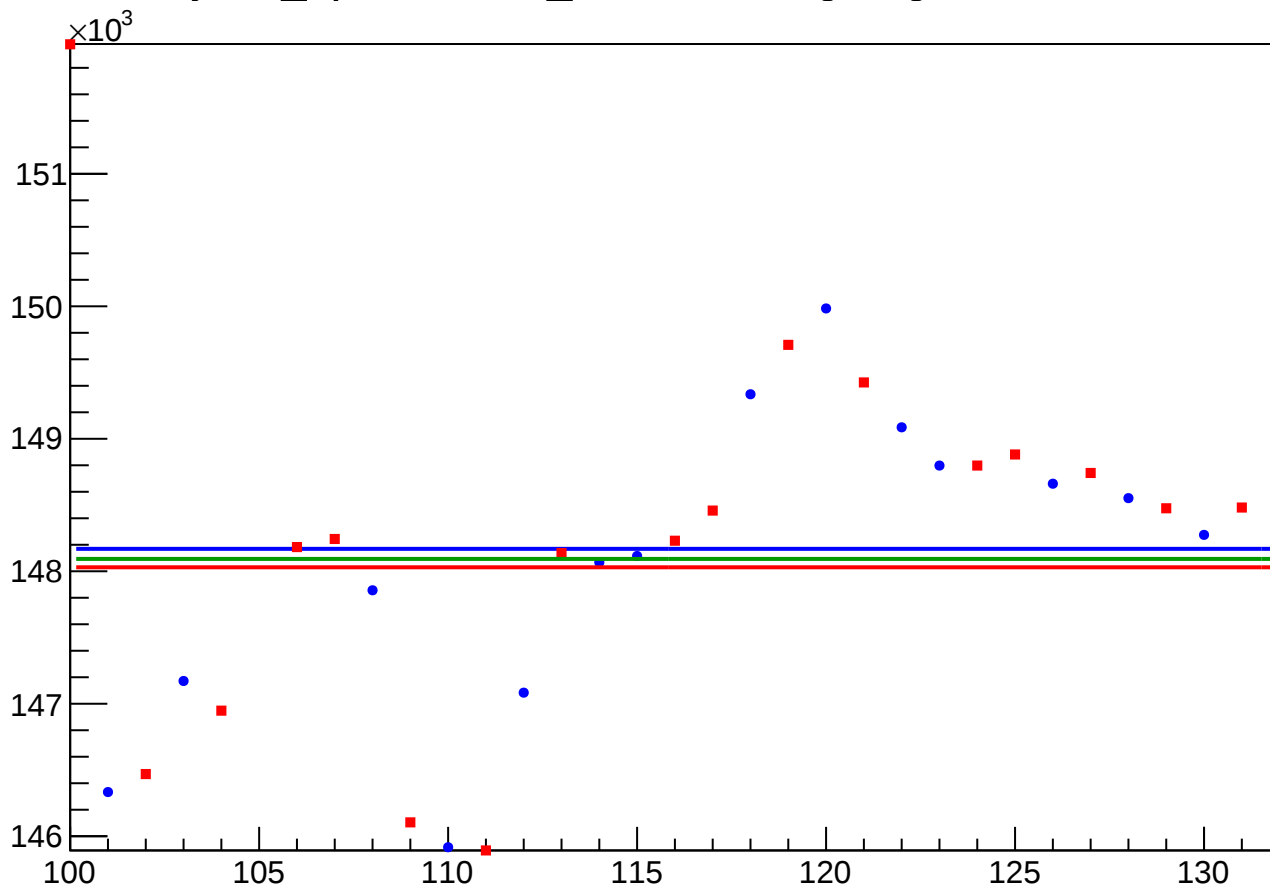
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.384 $\pm$ 0.045 χ^2 /NDF: 824838.4/14

137.682 $\pm$ 0.030 χ^2 /NDF: 1769912.9/31

134.560 $\pm$ 0.041 χ^2 /NDF: 932381.0/16

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 148169.296 $\pm$ 0.090 χ^2 /NDF: 113013952.2/14

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

Right Out: 148029.945 $\pm$ 0.083 χ^2 /NDF: 209793249.7/16

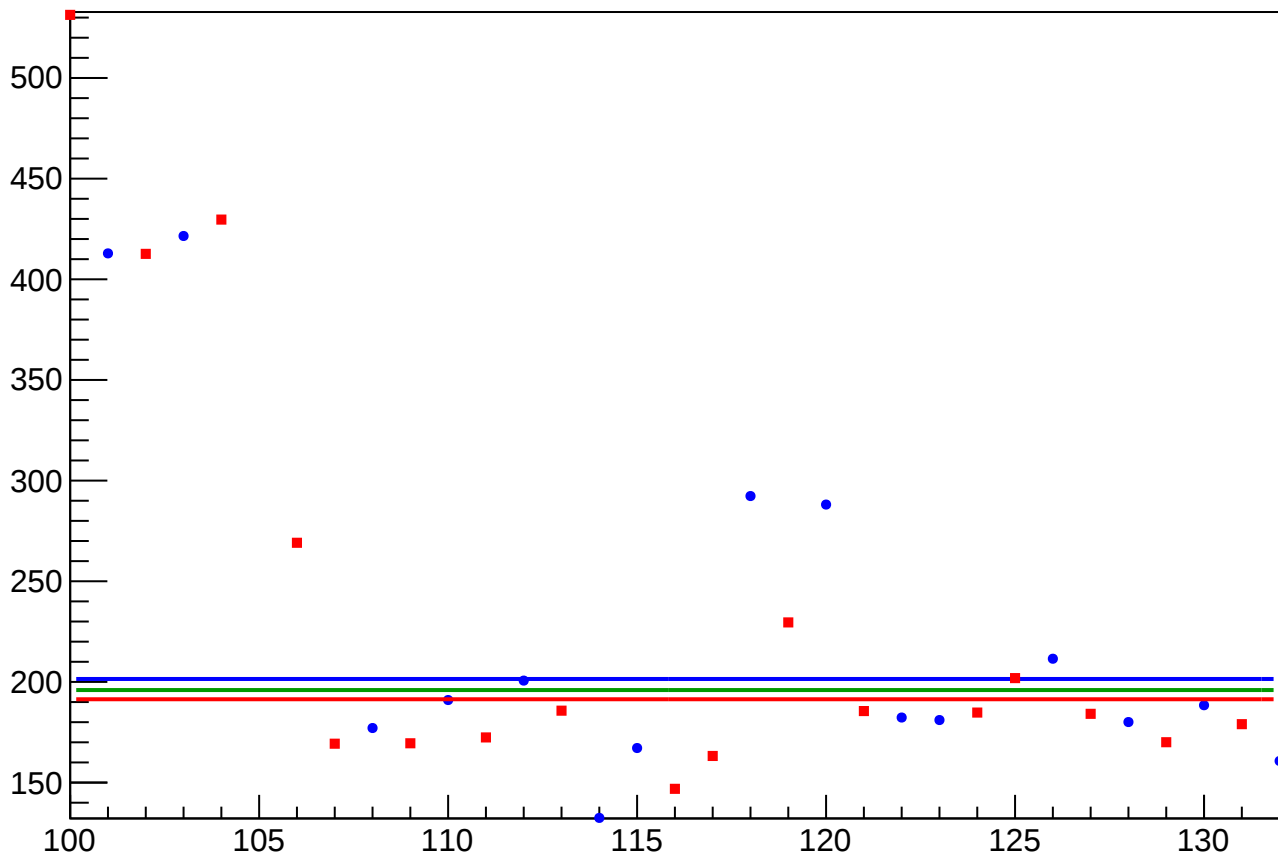
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148169.296 $\pm$ 0.090 χ^2 /NDF: 113013952.2/14

148093.235 $\pm$ 0.061 χ^2 /NDF: 324102853

148029.945 $\pm$ 0.083 χ^2 /NDF: 209793249.7/16

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 201.464+/-0.064 χ^2/NDF : 934258.9/14

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

Right Out: 191.386+/-0.058 χ^2/NDF : 843787.7/16

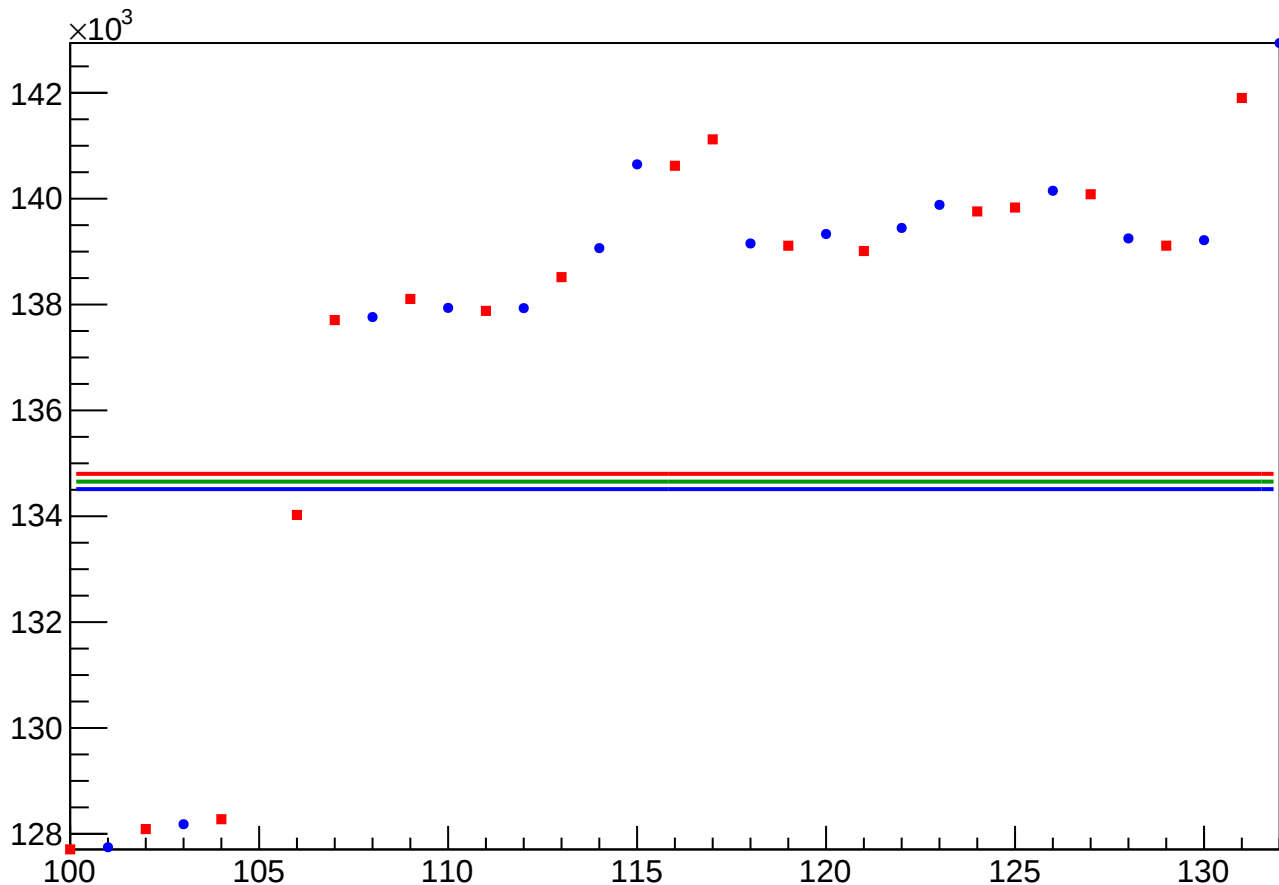
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.464+/-0.064 χ^2/NDF : 934258.9/14

195.963+/-0.043 χ^2/NDF : 1791598.8/31

191.386+/-0.058 χ^2/NDF : 843787.7/16

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 134512.794 $\pm$ 0.192 χ^2 /NDF: 897163765.6/14

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

Right Out: 134801.557 $\pm$ 0.195 χ^2 /NDF: 776771417.7/16

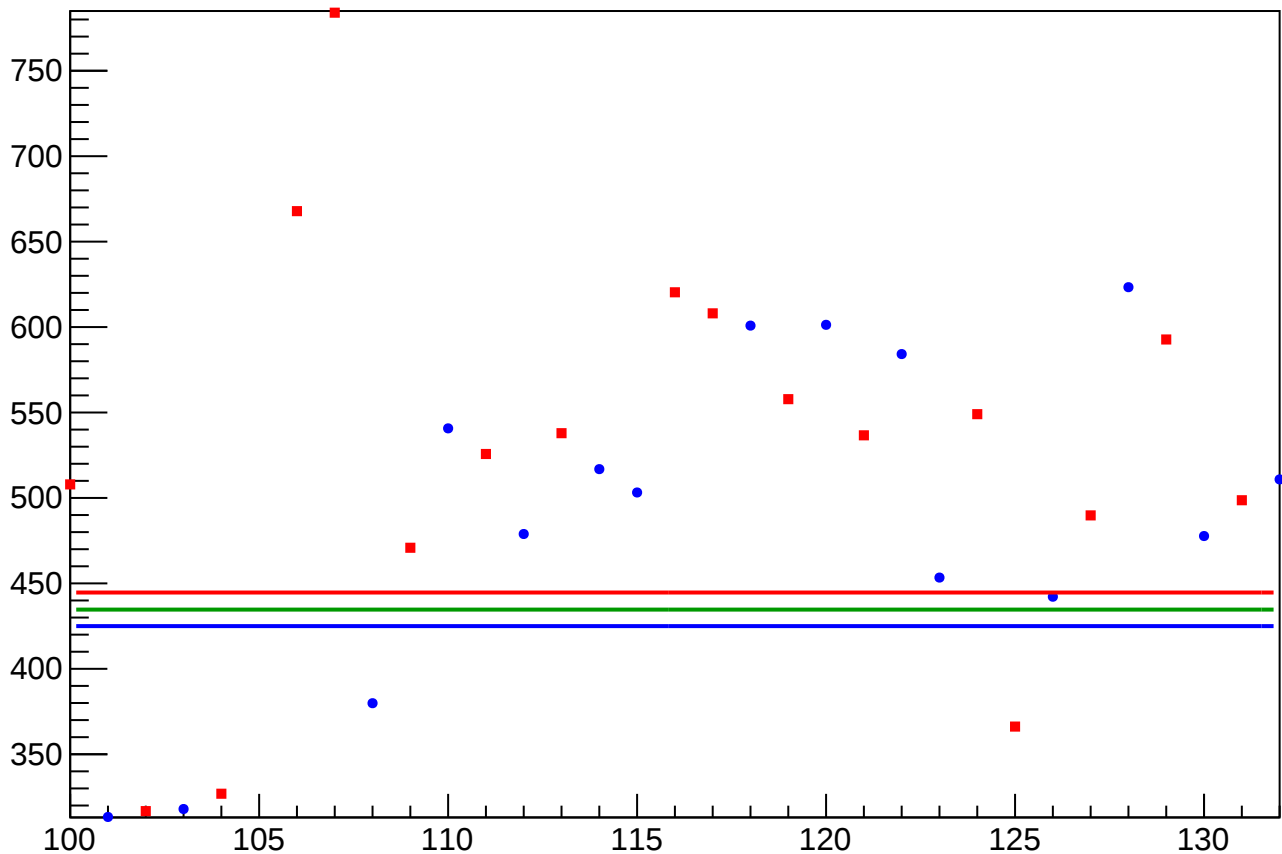
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134512.794 $\pm$ 0.192 χ^2 /NDF: 897163765.6/14

134654.807 $\pm$ 0.137 χ^2 /NDF: 167505181

134801.557 $\pm$ 0.195 χ^2 /NDF: 776771417.7/16

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 424.992+/-0.136 χ^2/NDF : 649210.4/14

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

Right Out: 444.651+/-0.138 χ^2/NDF : 735912.5/16

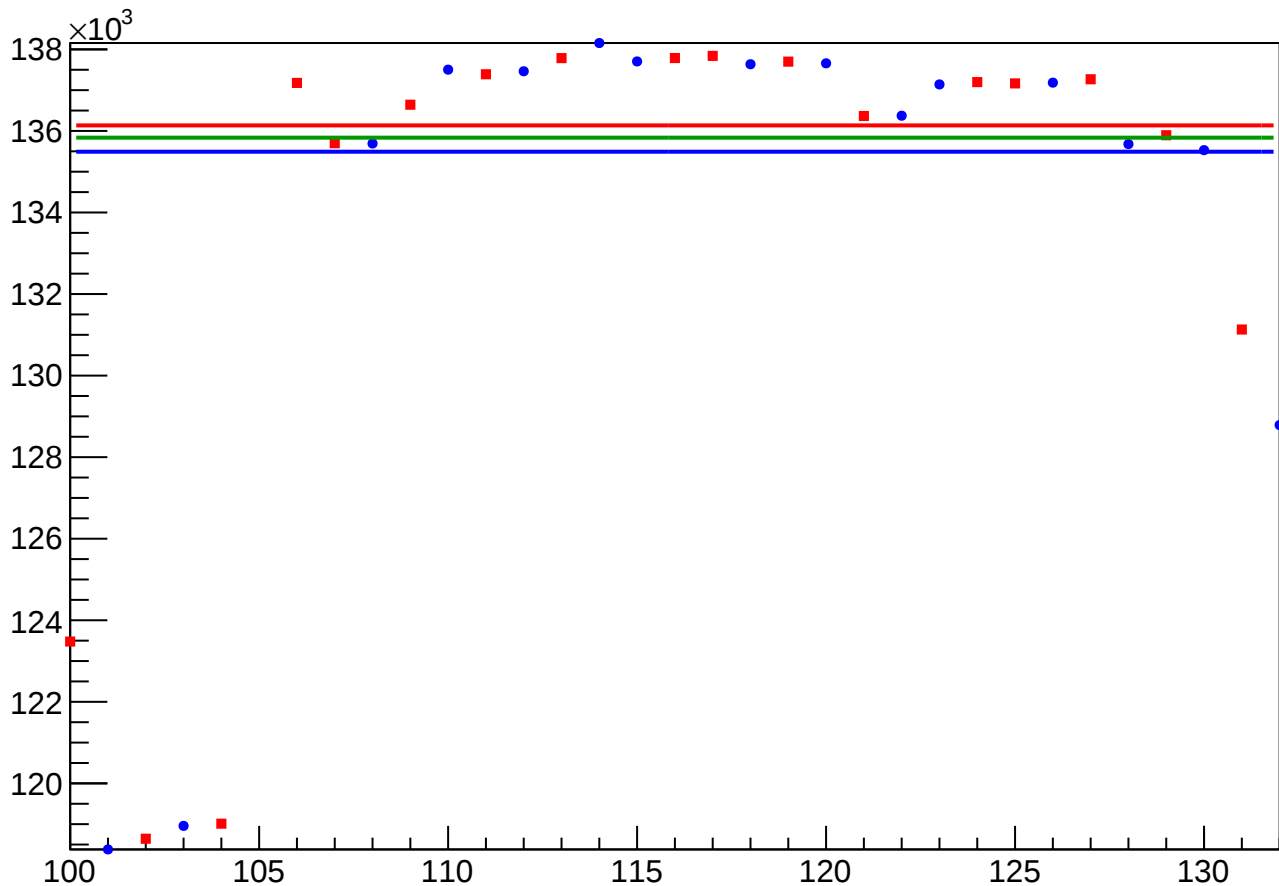
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

424.992+/-0.136 χ^2/NDF : 649210.4/14

434.660+/-0.097 χ^2/NDF : 1395473.3/31

444.651+/-0.138 χ^2/NDF : 735912.5/16

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 135490.570 $\pm$ 0.072 χ^2 /NDF: 4072786089.1/14

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

Right Out: 136135.805 $\pm$ 0.068 χ^2 /NDF: 3324960269.6/16

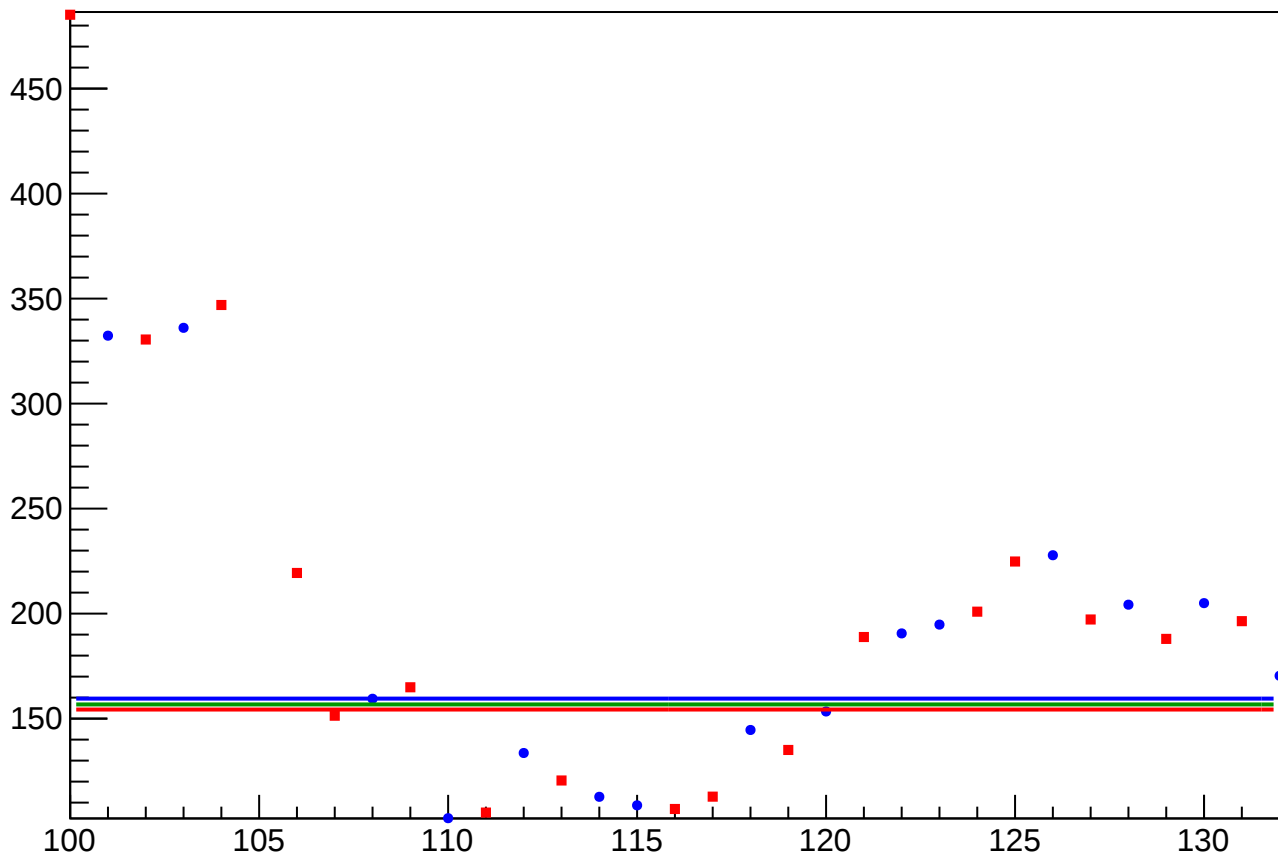
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

135490.570 $\pm$ 0.072 χ^2 /NDF: 4072786089.1/14

135835.008 $\pm$ 0.049 χ^2 /NDF: 744008391

136135.805 $\pm$ 0.068 χ^2 /NDF: 3324960269.6/16

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 159.527+/-0.051 χ^2/NDF : 1151633.6/14

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

Right Out: 154.321+/-0.048 χ^2/NDF : 1305855.4/16

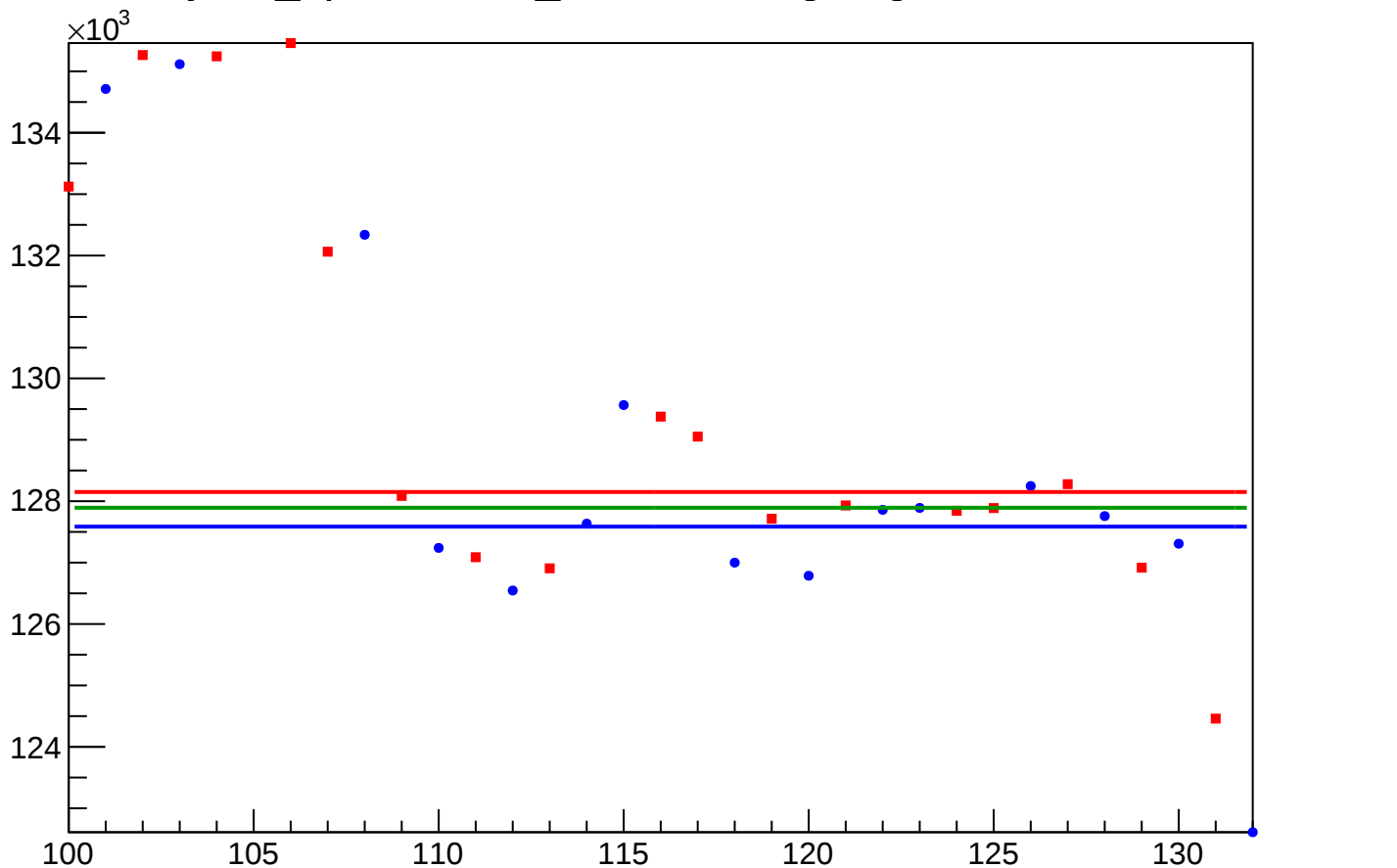
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

159.527+/-0.051 χ^2/NDF : 1151633.6/14

156.748+/-0.035 χ^2/NDF : 2463002.2/31

154.321+/-0.048 χ^2/NDF : 1305855.4/16

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127585.570 $\pm$ 0.073 χ^2 /NDF: 1341718837.3/14

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

Right Out: 128150.184 $\pm$ 0.066 χ^2 /NDF: 1165743169.2/16

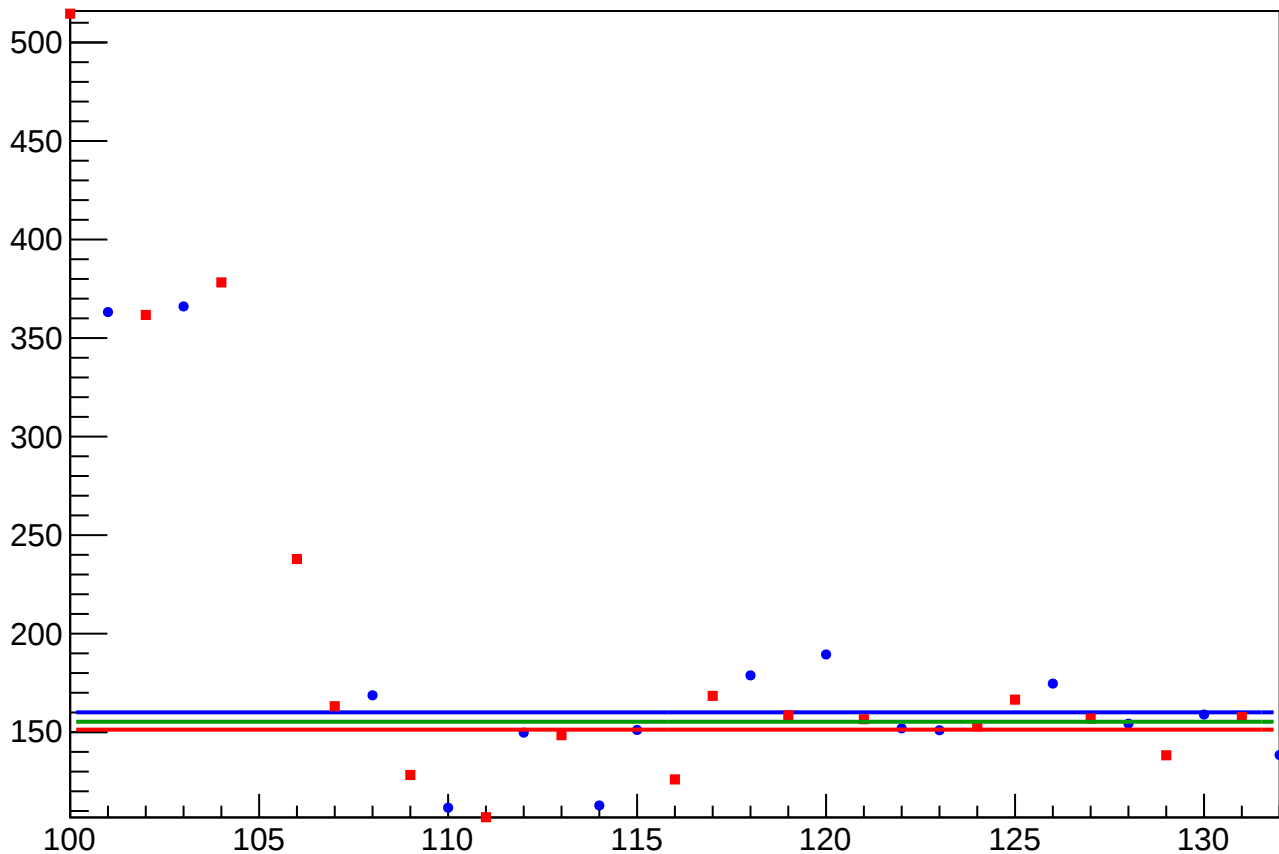
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127585.570 $\pm$ 0.073 χ^2 /NDF: 1341718837.3/14

127893.258 $\pm$ 0.049 χ^2 /NDF: 254040559

128150.184 $\pm$ 0.066 χ^2 /NDF: 1165743169.2/16

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.075+/-0.051 χ^2/NDF : 942151.4/14

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

Right Out: 151.292+/-0.047 χ^2/NDF : 1072379.4/16

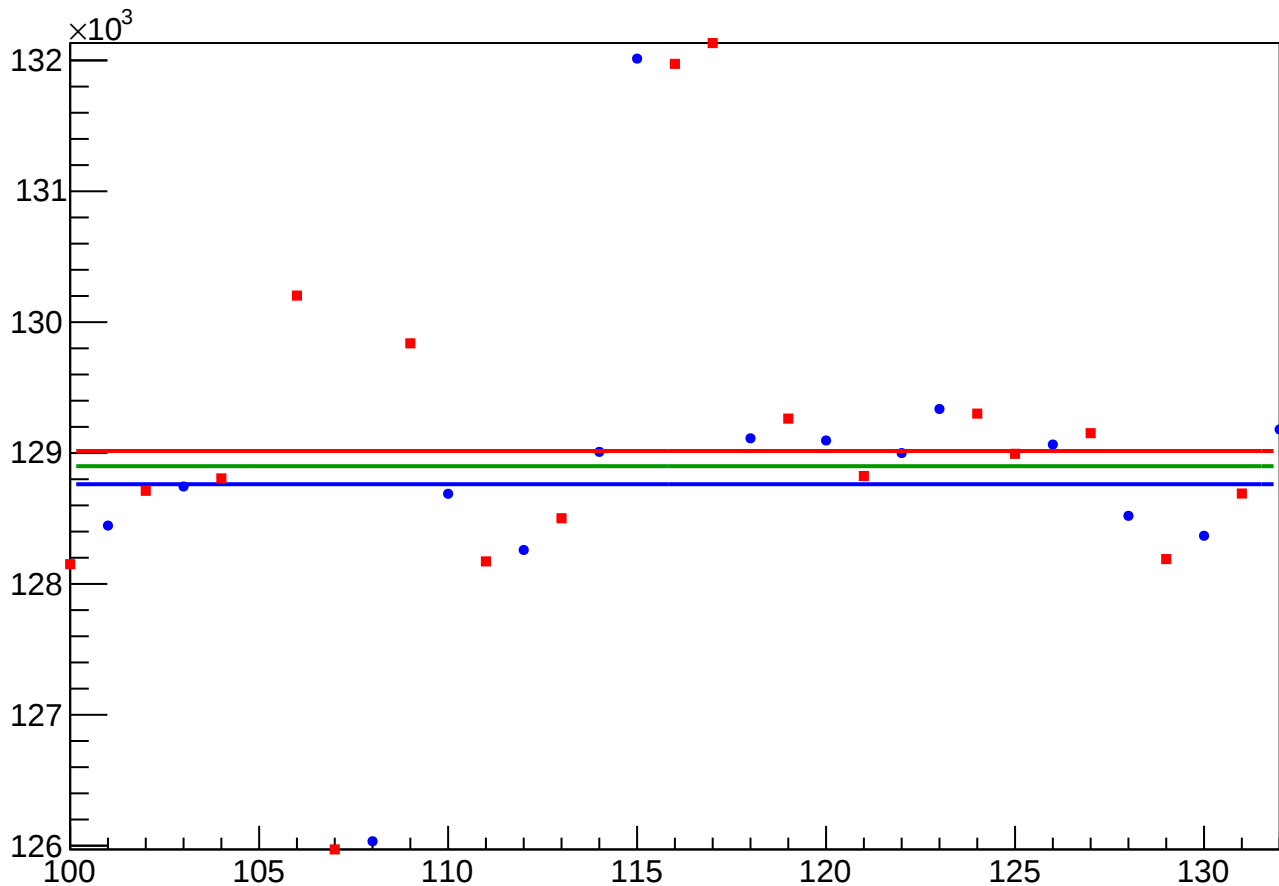
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.075+/-0.051 χ^2/NDF : 942151.4/14

155.289+/-0.035 χ^2/NDF : 2030472.5/31

151.292+/-0.047 χ^2/NDF : 1072379.4/16

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128761.833 $\pm$ 0.064 χ^2 /NDF: 287781104.0/14

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

Right Out: 129015.588 $\pm$ 0.059 χ^2 /NDF: 506904088.2/16

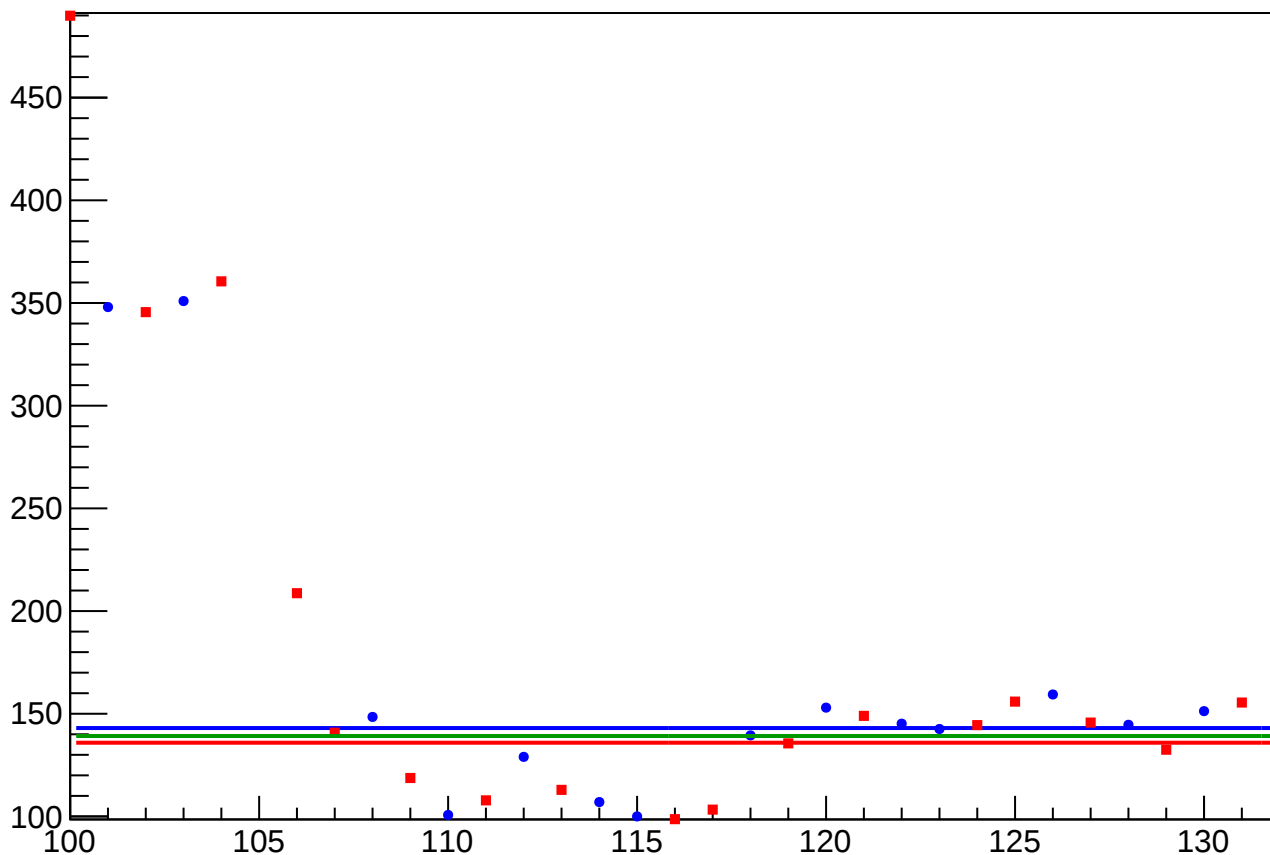
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128761.833 $\pm$ 0.064 χ^2 /NDF: 287781104.0/14

128899.624 $\pm$ 0.044 χ^2 /NDF: 803122355

129015.588 $\pm$ 0.059 χ^2 /NDF: 506904088.2/16

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 143.041+/-0.046 χ^2/NDF : 1020679.3/14

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

Right Out: 135.894+/-0.042 χ^2/NDF : 1142329.6/16

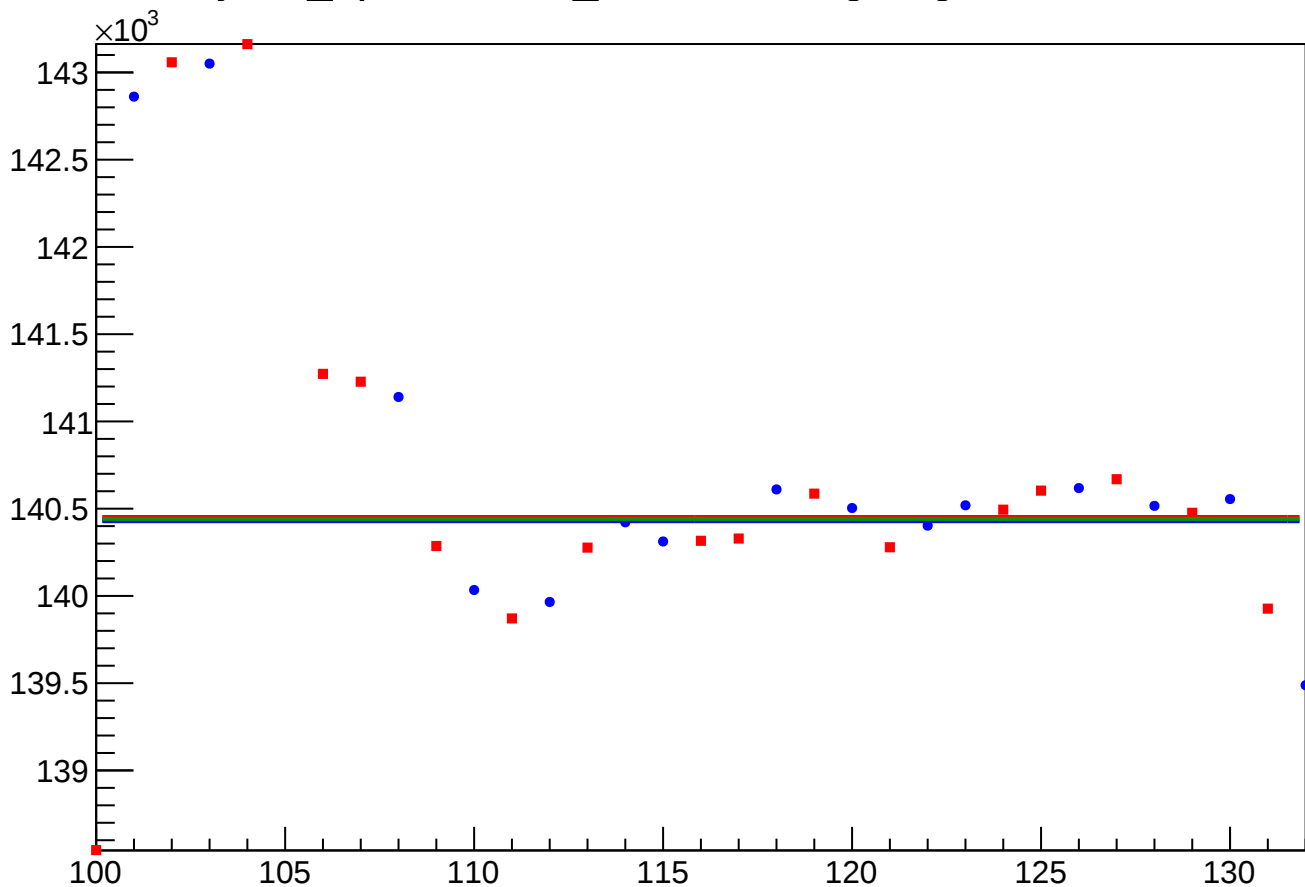
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.041+/-0.046 χ^2/NDF : 1020679.3/14

139.160+/-0.031 χ^2/NDF : 2176393.0/31

135.894+/-0.042 χ^2/NDF : 1142329.6/16

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140428.468 $\pm$ 0.069 χ^2 /NDF: 79188110.8/14

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

140428.468 $\pm$ 0.069 χ^2 /NDF: 79188110.8/14

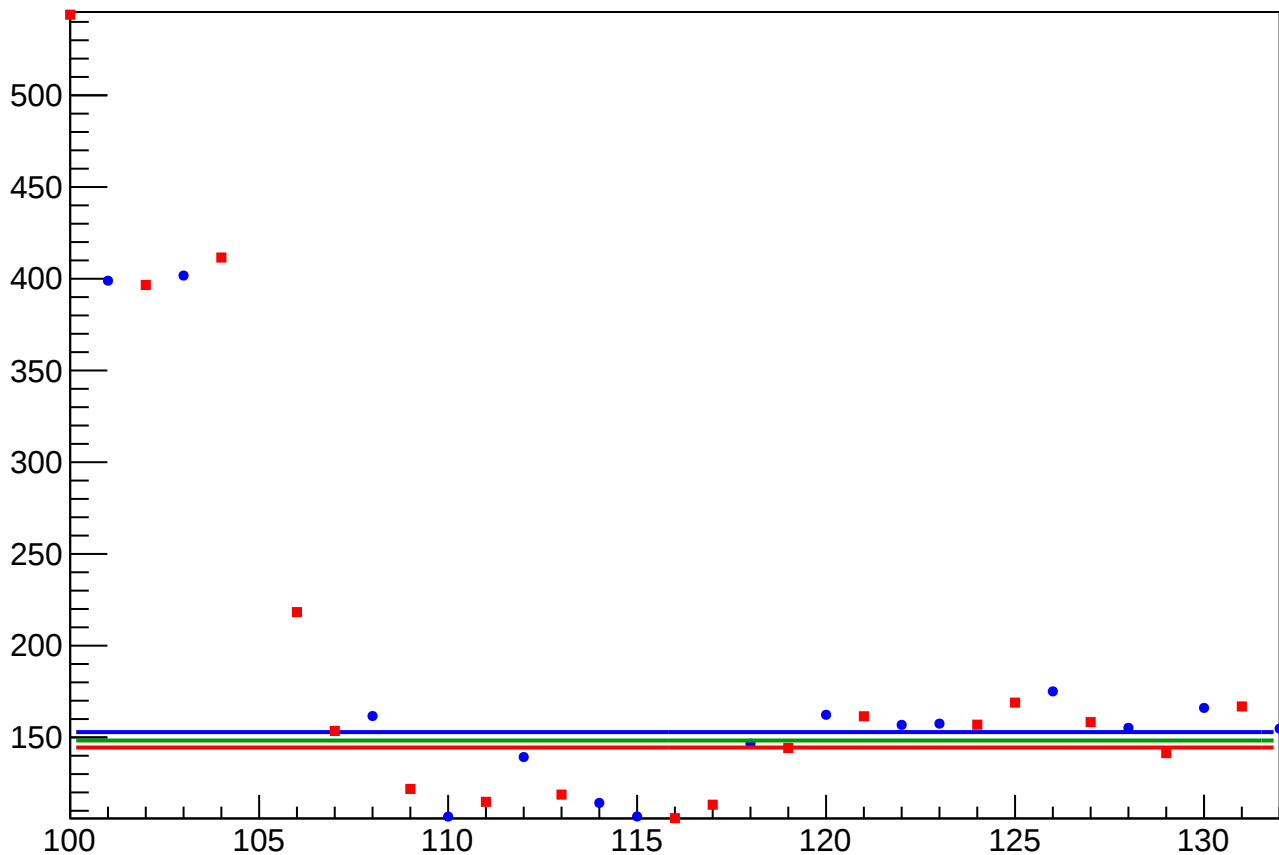
Right Out: 140452.368 $\pm$ 0.063 χ^2 /NDF: 77236148.7/16

140441.505 $\pm$ 0.047 χ^2 /NDF: 156489752

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

140452.368 $\pm$ 0.063 χ^2 /NDF: 77236148.7/16

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 152.890 $\pm$ 0.049 χ^2 /NDF: 1114619.5/14

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

Right Out: 144.487 $\pm$ 0.045 χ^2 /NDF: 1237425.2/16

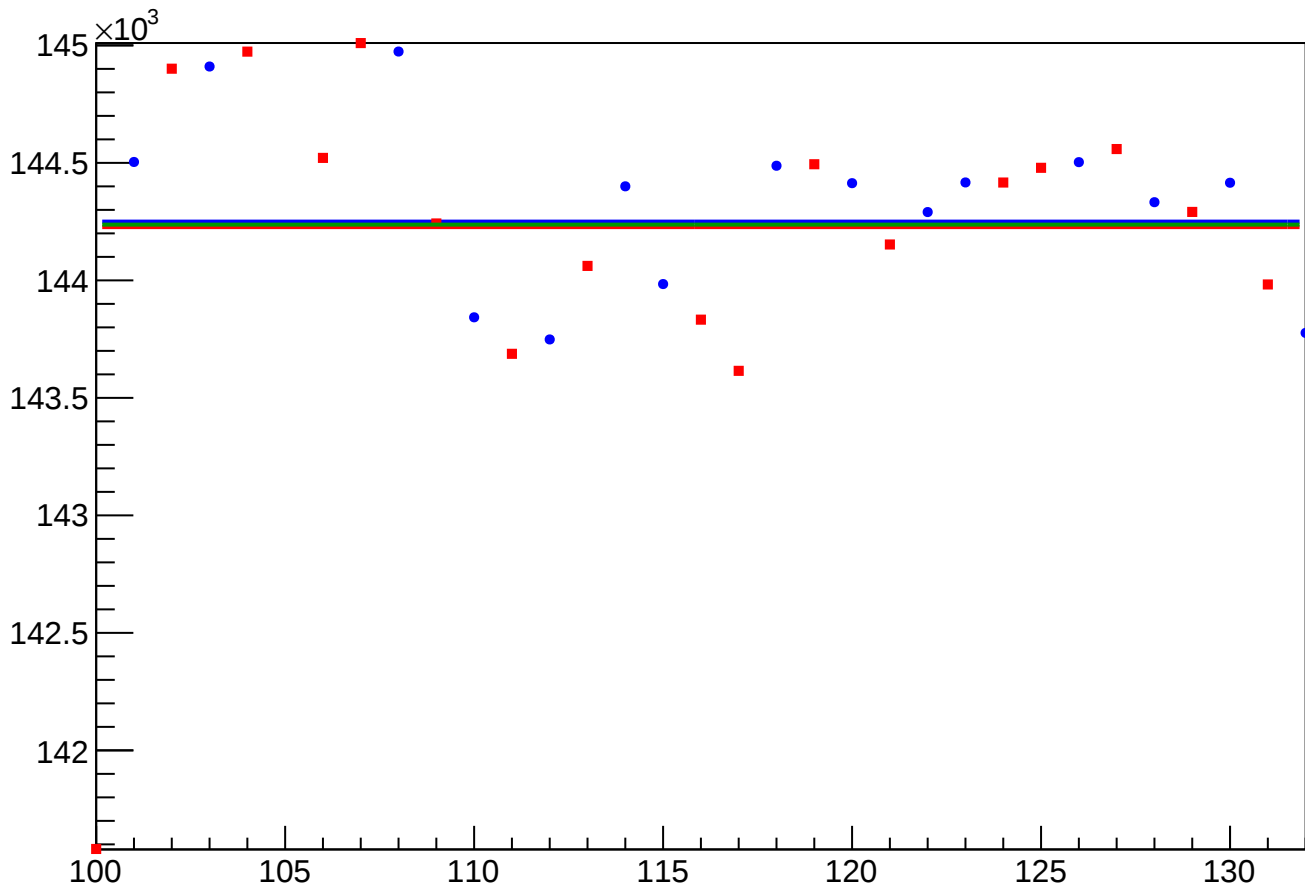
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

152.890 $\pm$ 0.049 χ^2 /NDF: 1114619.5/14

148.306 $\pm$ 0.033 χ^2 /NDF: 2368236.9/31

144.487 $\pm$ 0.045 χ^2 /NDF: 1237425.2/16

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144250.111 $\pm$ 0.072 χ^2 /NDF: 25151006.4/14

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

Right Out: 144226.663 $\pm$ 0.065 χ^2 /NDF: 32912370.7/16

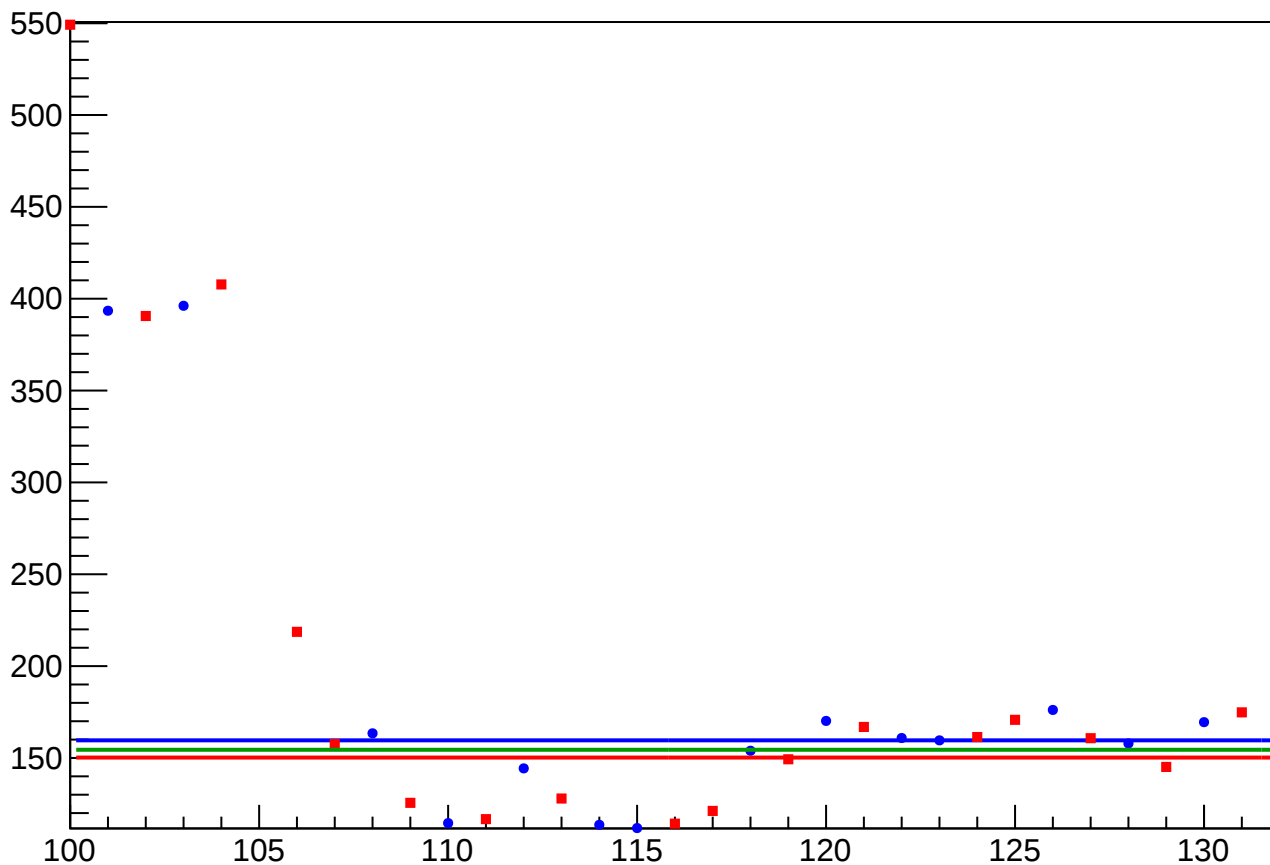
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144250.111 $\pm$ 0.072 χ^2 /NDF: 25151006.4/14

144237.261 $\pm$ 0.048 χ^2 /NDF: 58121826.4/14

144226.663 $\pm$ 0.065 χ^2 /NDF: 32912370.7/16

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 159.598 $\pm$ 0.051 χ^2 /NDF: 1037621.5/14

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

Right Out: 150.222 $\pm$ 0.046 χ^2 /NDF: 1156568.4/16

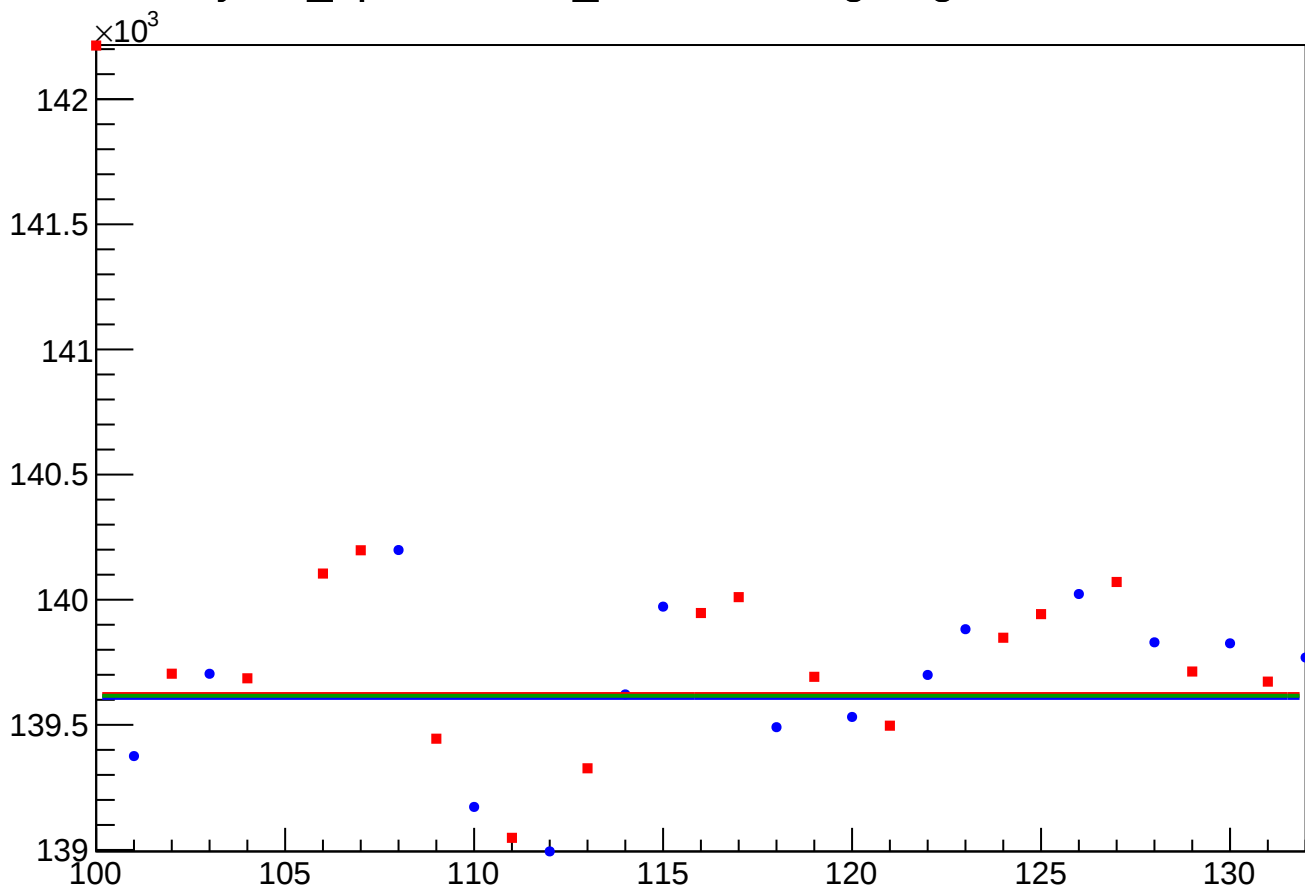
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

159.598 $\pm$ 0.051 χ^2 /NDF: 1037621.5/14

154.459 $\pm$ 0.034 χ^2 /NDF: 2212882.3/31

150.222 $\pm$ 0.046 χ^2 /NDF: 1156568.4/16

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139607.722 $\pm$ 0.073 χ^2 /NDF: 23024182.1/14

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

Right Out: 139623.046 $\pm$ 0.067 χ^2 /NDF: 27367558.9/16

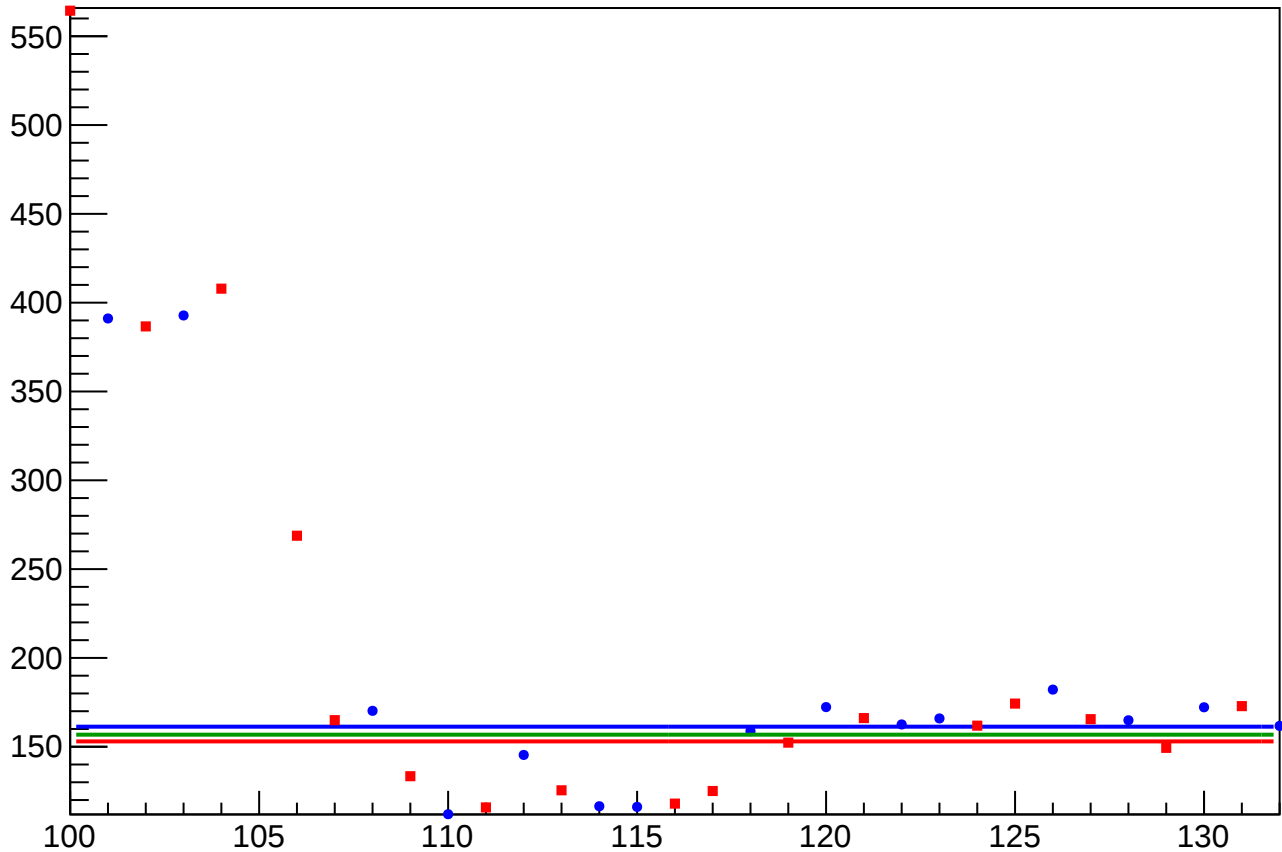
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139607.722 $\pm$ 0.073 χ^2 /NDF: 23024182.1/14

139616.054 $\pm$ 0.049 χ^2 /NDF: 50415968.4

139623.046 $\pm$ 0.067 χ^2 /NDF: 27367558.9/16

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 161.296 $\pm$ 0.051 χ^2 /NDF: 1028102.7/14

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

Right Out: 153.009 $\pm$ 0.047 χ^2 /NDF: 1184946.5/16

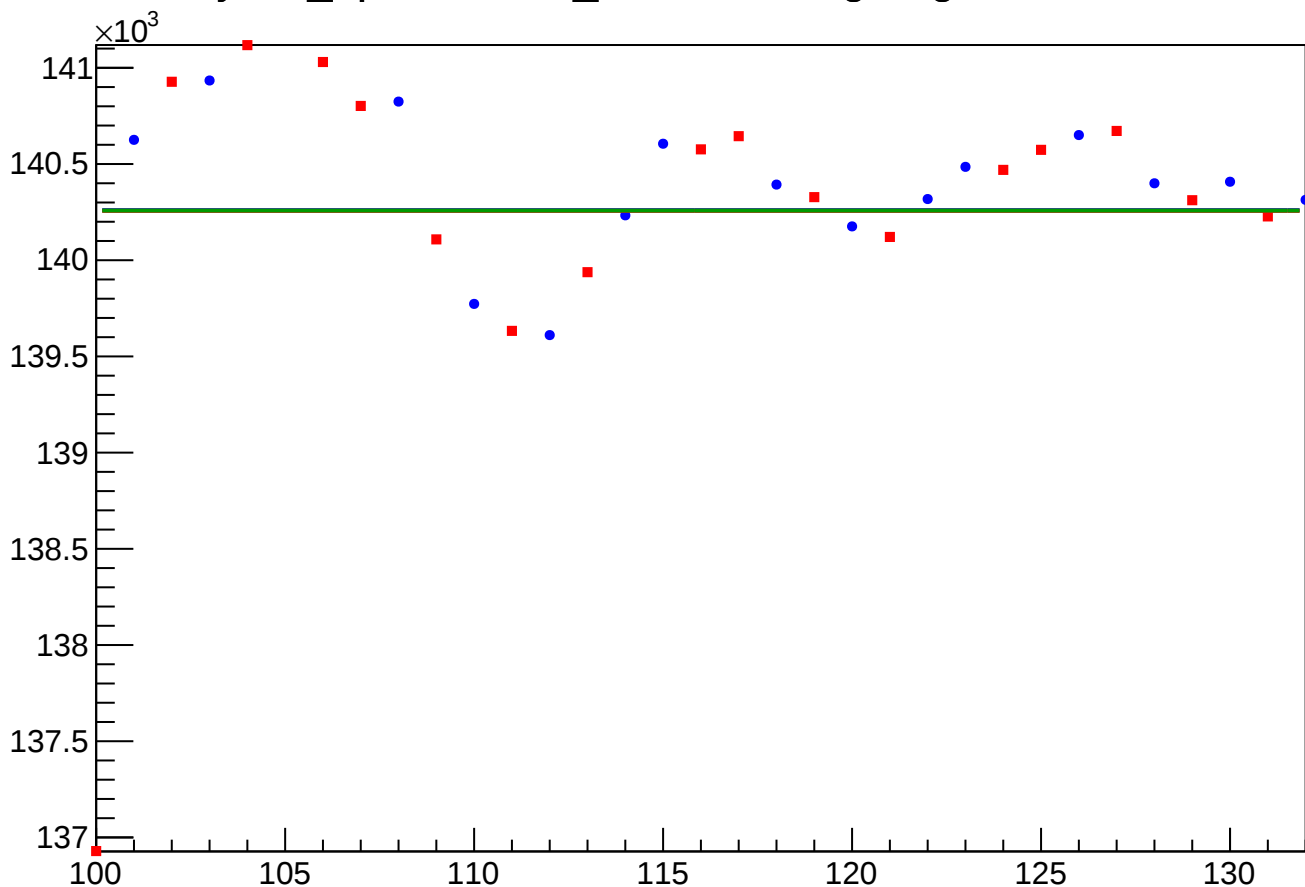
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.296 $\pm$ 0.051 χ^2 /NDF: 1028102.7/14

156.791 $\pm$ 0.035 χ^2 /NDF: 2227219.7/31

153.009 $\pm$ 0.047 χ^2 /NDF: 1184946.5/16

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140260.222 $\pm$ 0.073 χ^2 /NDF: 25115839.1/14

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

Right Out: 140256.662 $\pm$ 0.067 χ^2 /NDF: 35653746.3/16

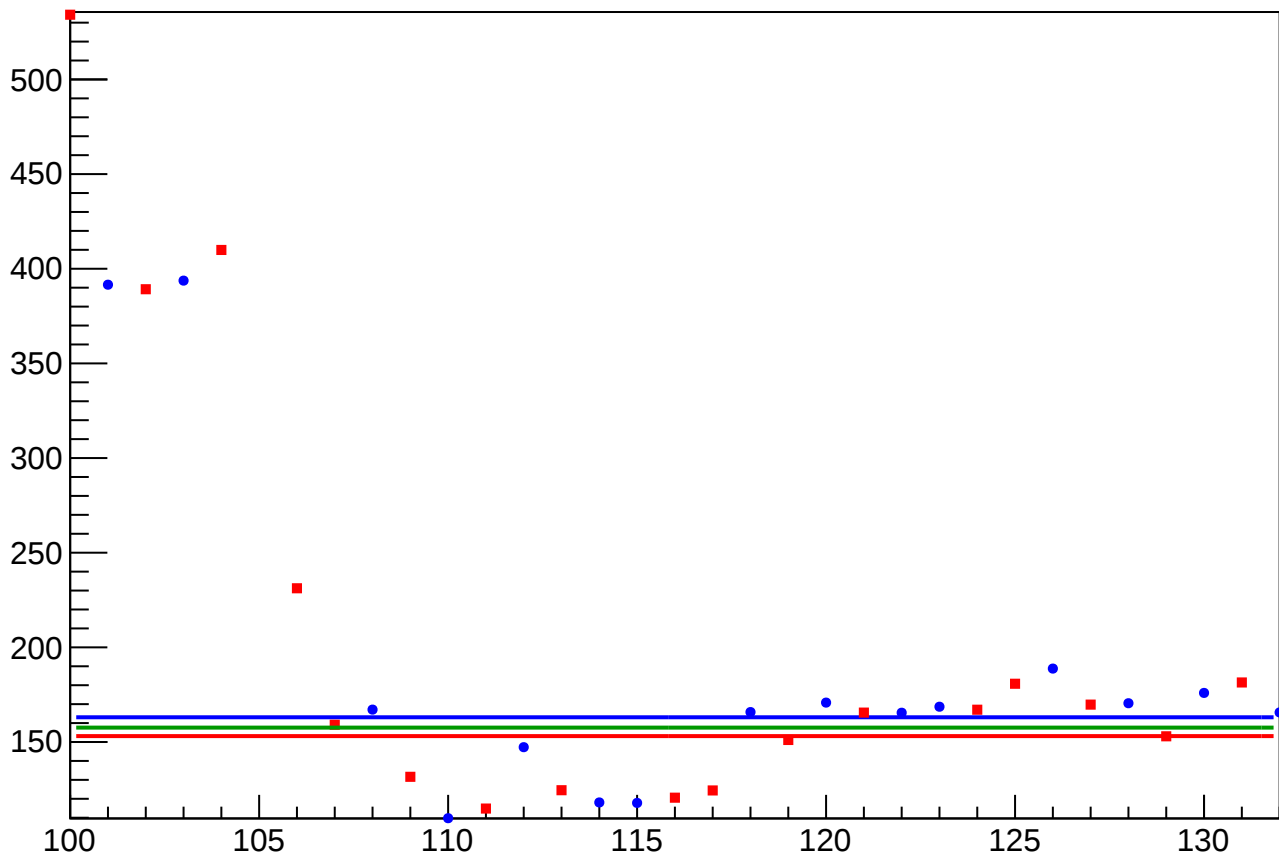
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140260.222 $\pm$ 0.073 χ^2 /NDF: 25115839.1/14

140258.269 $\pm$ 0.049 χ^2 /NDF: 60770875.7

140256.662 $\pm$ 0.067 χ^2 /NDF: 35653746.3/16

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 163.059 $\pm$ 0.052 χ^2/NDF : 1049217.5/14

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

Right Out: 153.116 $\pm$ 0.047 χ^2/NDF : 1169450.0/16

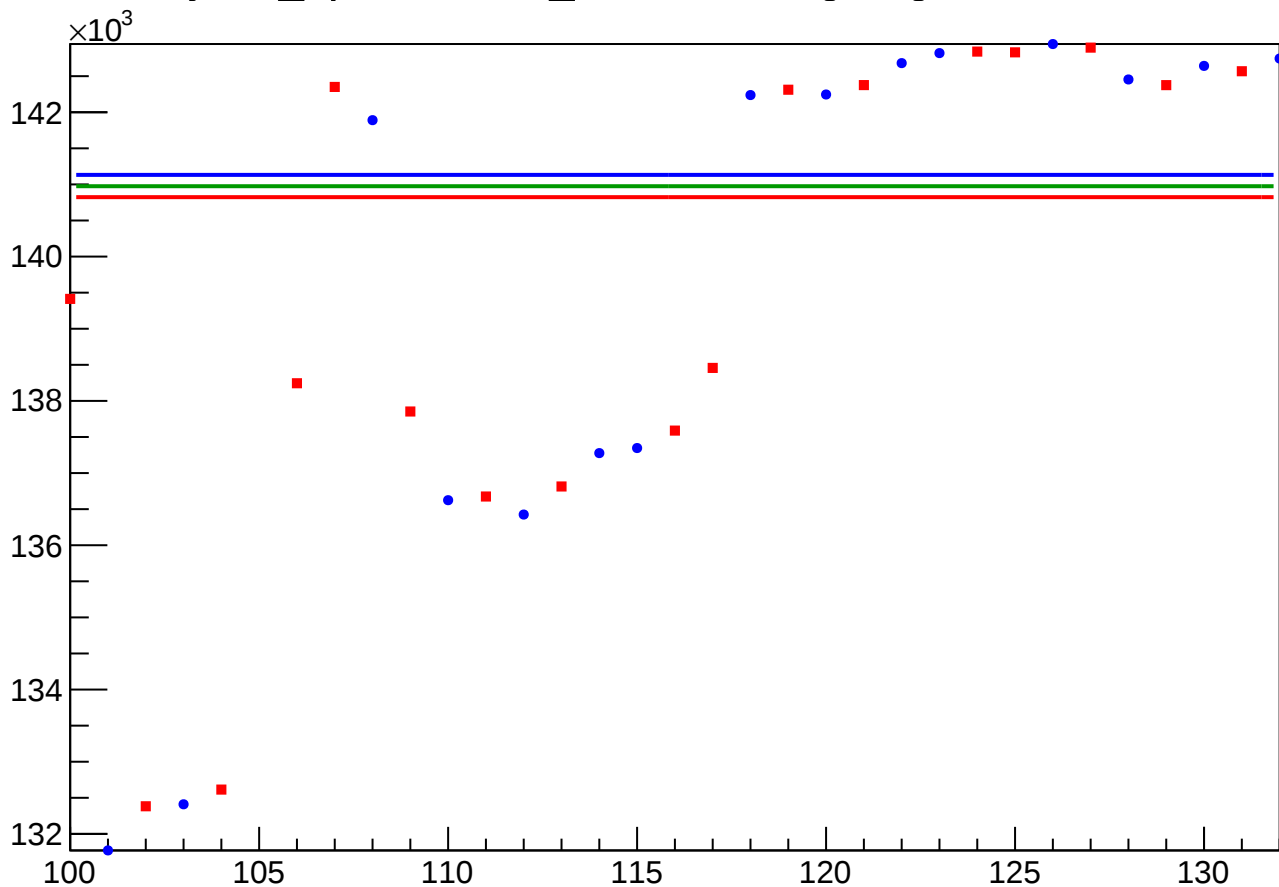
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

163.059 $\pm$ 0.052 χ^2/NDF : 1049217.5/14

157.604 $\pm$ 0.035 χ^2/NDF : 2238793.0/31

153.116 $\pm$ 0.047 χ^2/NDF : 1169450.0/16

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 141132.126 $\pm$ 0.108 χ^2 /NDF: 765443560.5/14

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

Right Out: 140823.446 $\pm$ 0.106 χ^2 /NDF: 752636321.6/16

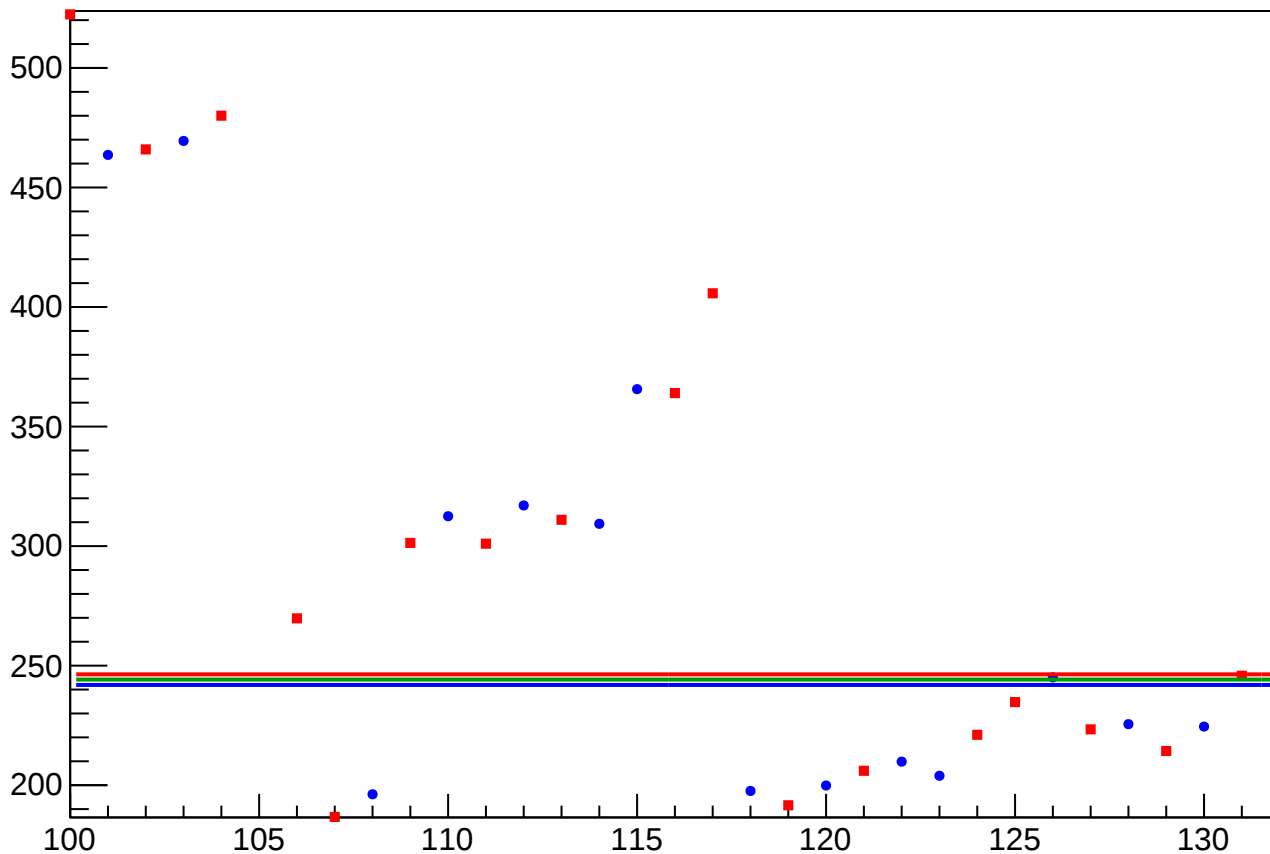
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141132.126 $\pm$ 0.108 χ^2 /NDF: 765443560.5/14

140975.018 $\pm$ 0.075 χ^2 /NDF: 152227181

140823.446 $\pm$ 0.106 χ^2 /NDF: 752636321.6/16

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 241.932+/-0.076 χ^2/NDF : 809712.0/14

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

Right Out: 246.359+/-0.075 χ^2/NDF : 887103.1/16

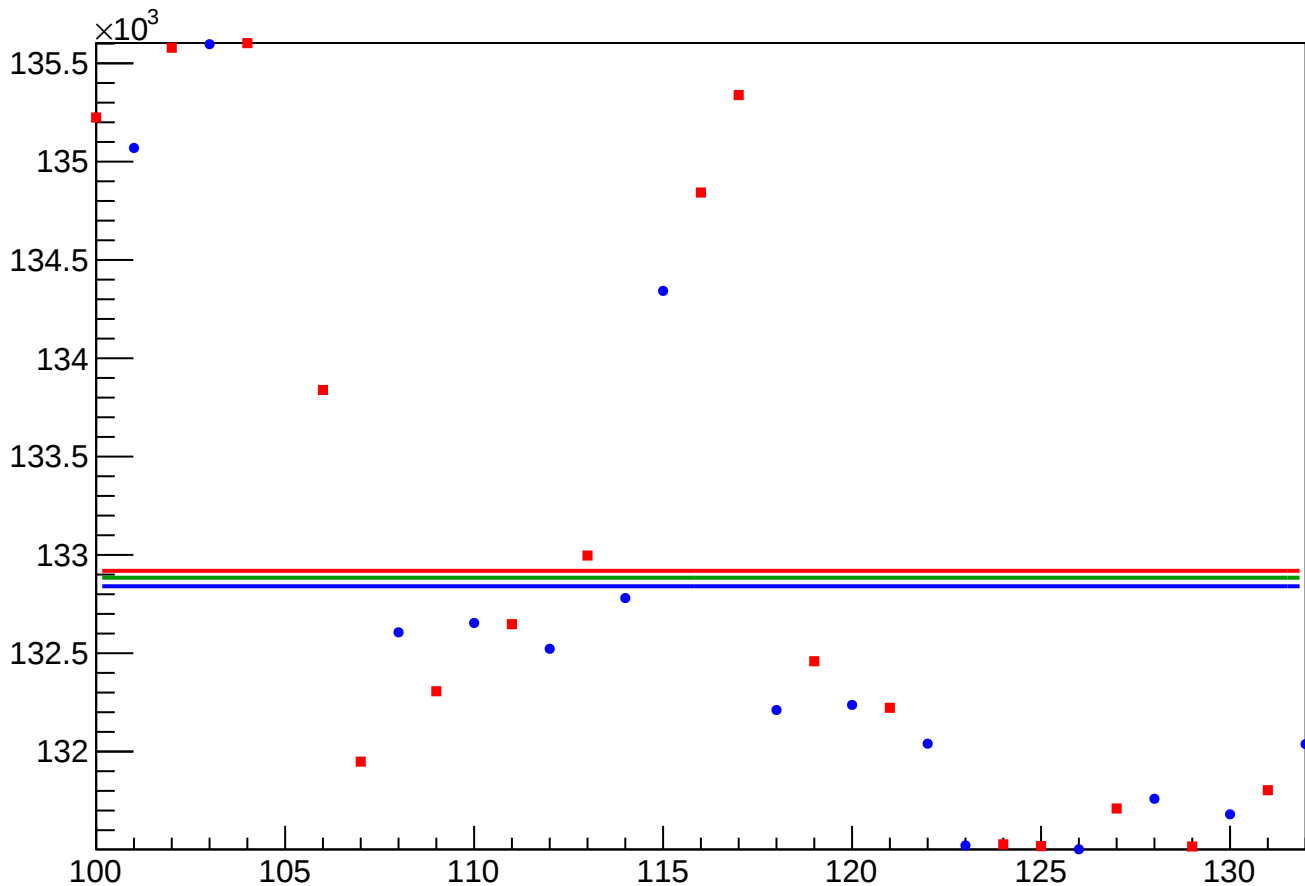
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

241.932+/-0.076 χ^2/NDF : 809712.0/14

244.185+/-0.053 χ^2/NDF : 1698539.6/31

246.359+/-0.075 χ^2/NDF : 887103.1/16

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132840.502 ± 0.127 $\chi^2/\text{NDF}: 78626593.5/14$

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

132840.502 ± 0.127 $\chi^2/\text{NDF}: 78626593.5/14$

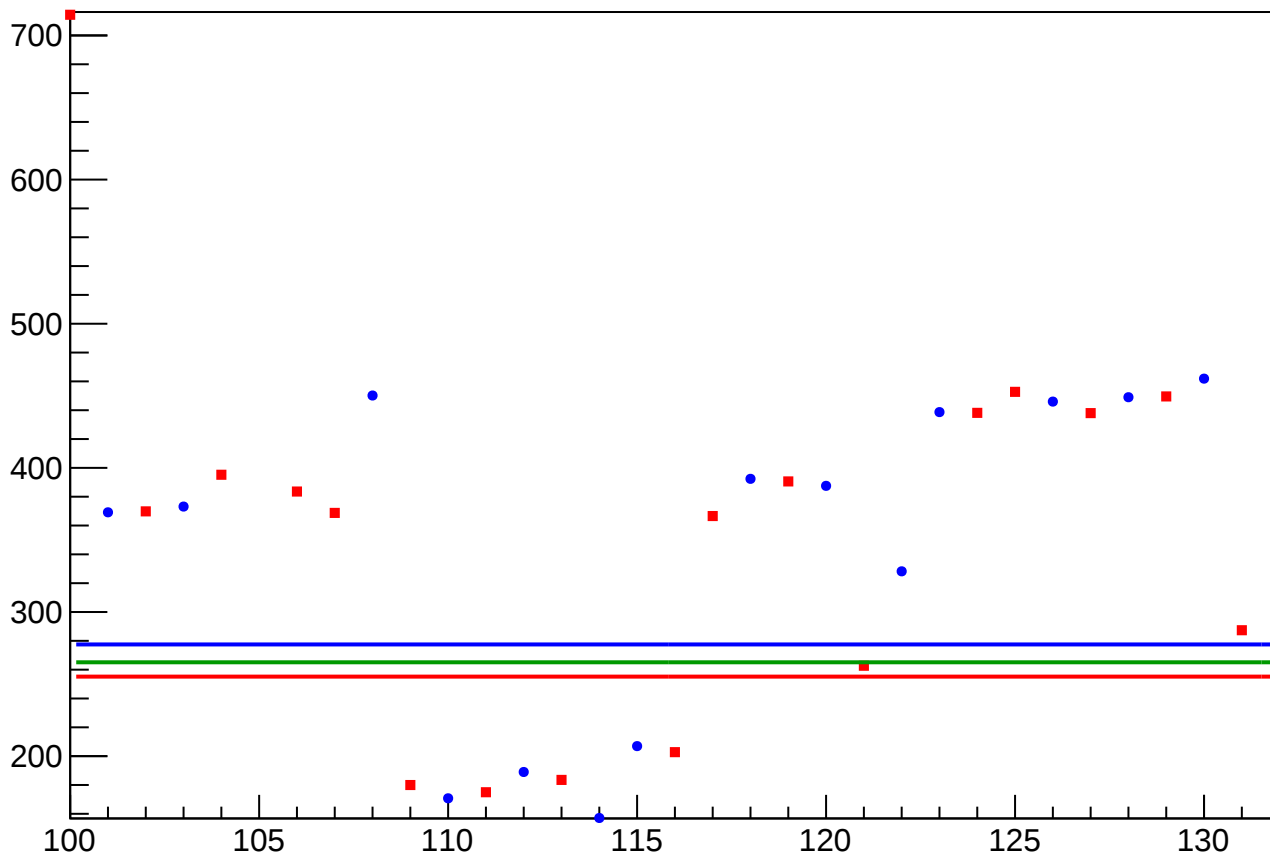
132884.062 ± 0.085 $\chi^2/\text{NDF}: 184178746$

Right Out: 132919.004 ± 0.114 $\chi^2/\text{NDF}: 105339502.8/16$

132919.004 ± 0.114 $\chi^2/\text{NDF}: 105339502.8/16$

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

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 277.502 $\pm$ 0.090 χ^2 /NDF: 1437179.2/14

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

Right Out: 255.182 $\pm$ 0.080 χ^2 /NDF: 1519648.4/16

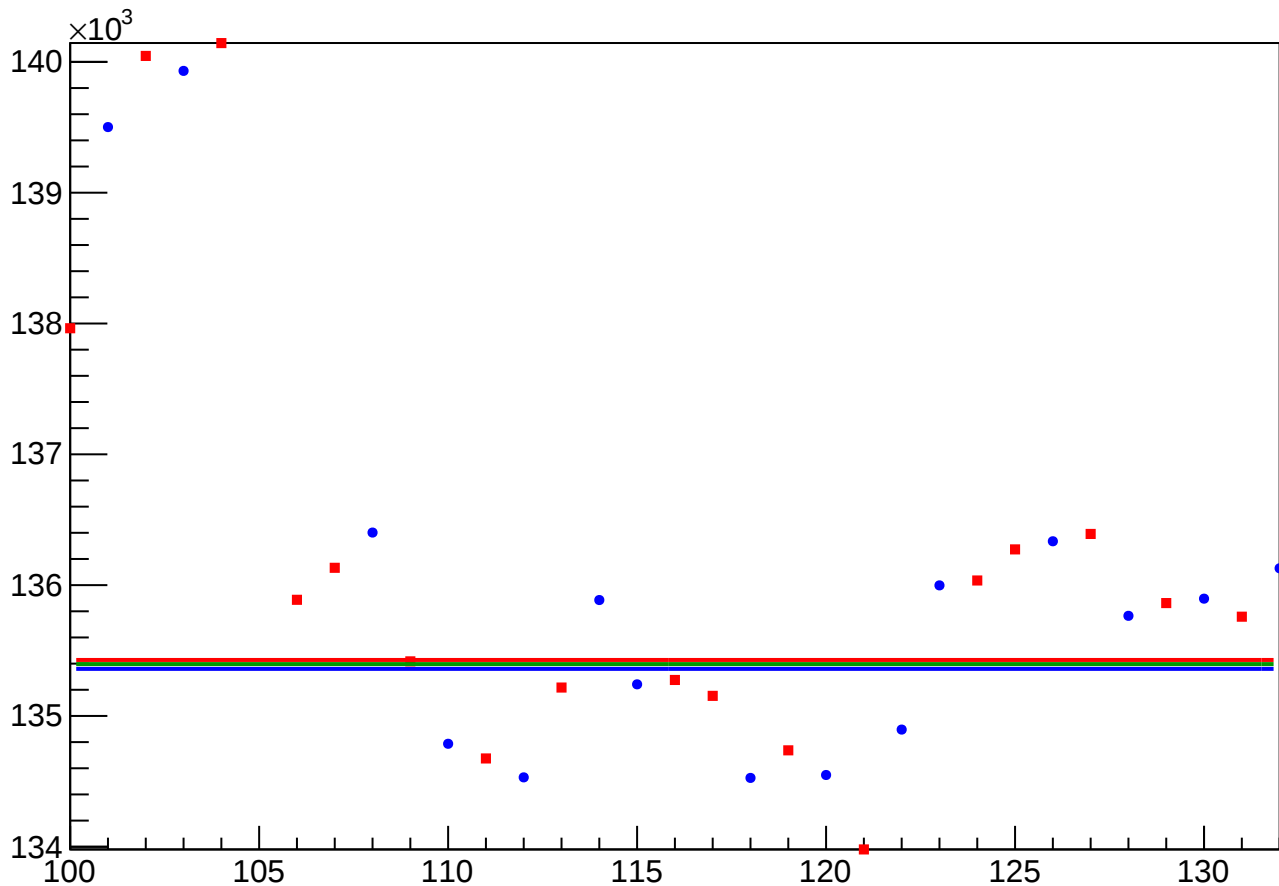
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

277.502 $\pm$ 0.090 χ^2 /NDF: 1437179.2/14

265.117 $\pm$ 0.060 χ^2 /NDF: 2991208.5/31

255.182 $\pm$ 0.080 χ^2 /NDF: 1519648.4/16

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135359.856 $\pm$ 0.058 χ^2 /NDF: 307576571.9/14

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

135359.856 $\pm$ 0.058 χ^2 /NDF: 307576571.9/14

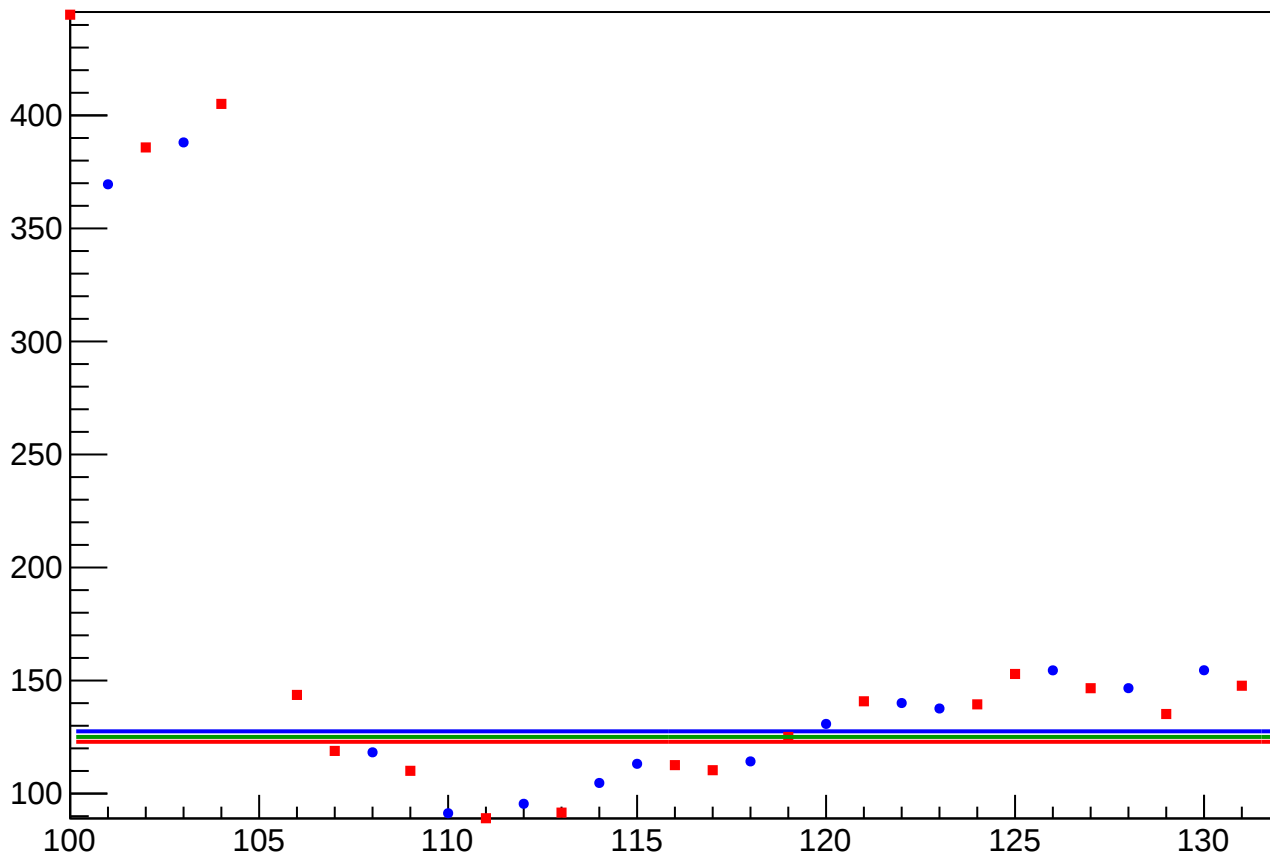
Right Out: 135428.019 $\pm$ 0.054 χ^2 /NDF: 286777374.6/16

135396.295 $\pm$ 0.040 χ^2 /NDF: 595085768

135428.019 $\pm$ 0.054 χ^2 /NDF: 286777374.6/16

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

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 127.535 $\pm$ 0.041 χ^2 /NDF: 1331058.0/14

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

Right Out: 122.905 $\pm$ 0.038 χ^2 /NDF: 1397057.7/16

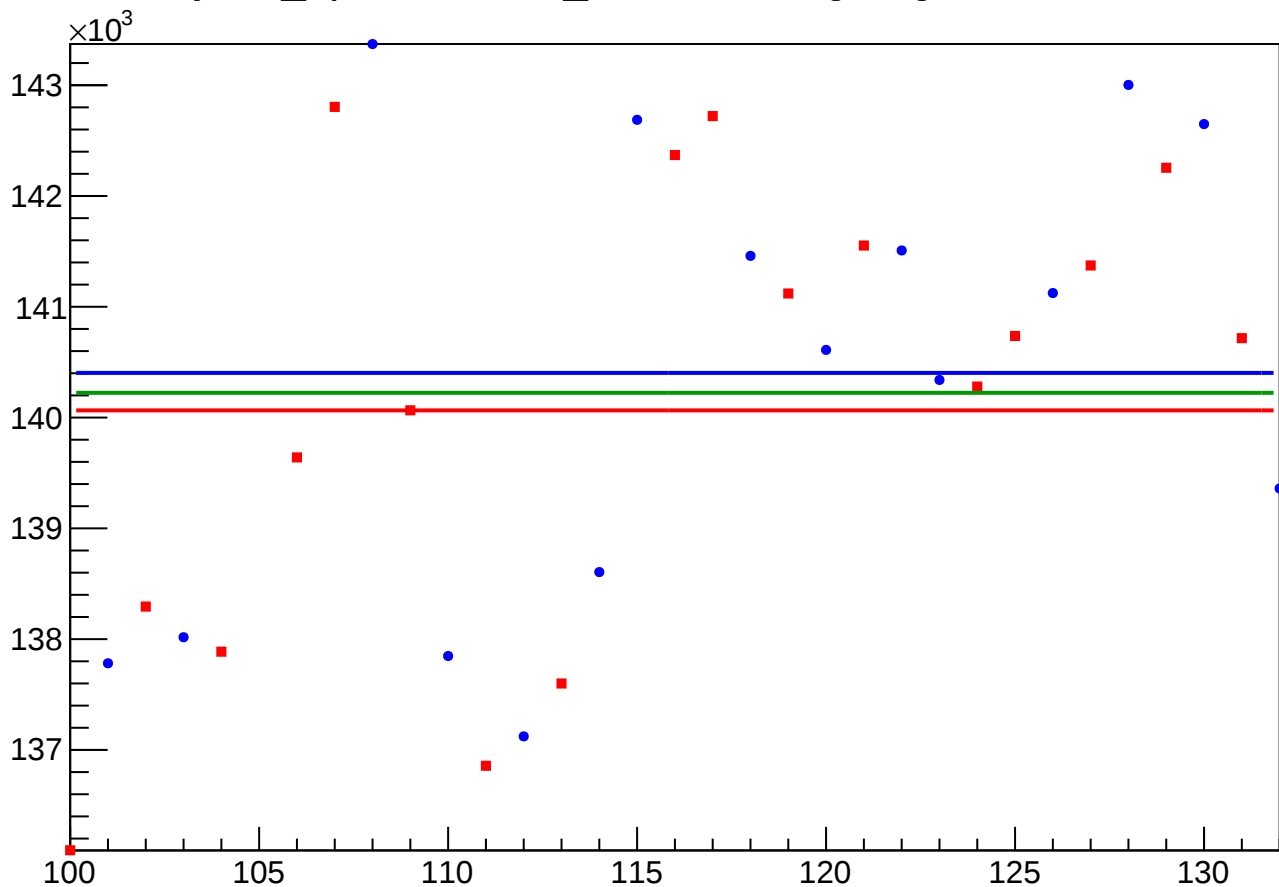
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127.535 $\pm$ 0.041 χ^2 /NDF: 1331058.0/14

125.060 $\pm$ 0.028 χ^2 /NDF: 2734868.2/31

122.905 $\pm$ 0.038 χ^2 /NDF: 1397057.7/16

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 140403.154 $\pm$ 0.066 χ^2 /NDF: 1022452276.7/14

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

Right Out: 140064.755 $\pm$ 0.062 χ^2 /NDF: 1021215361.5/16

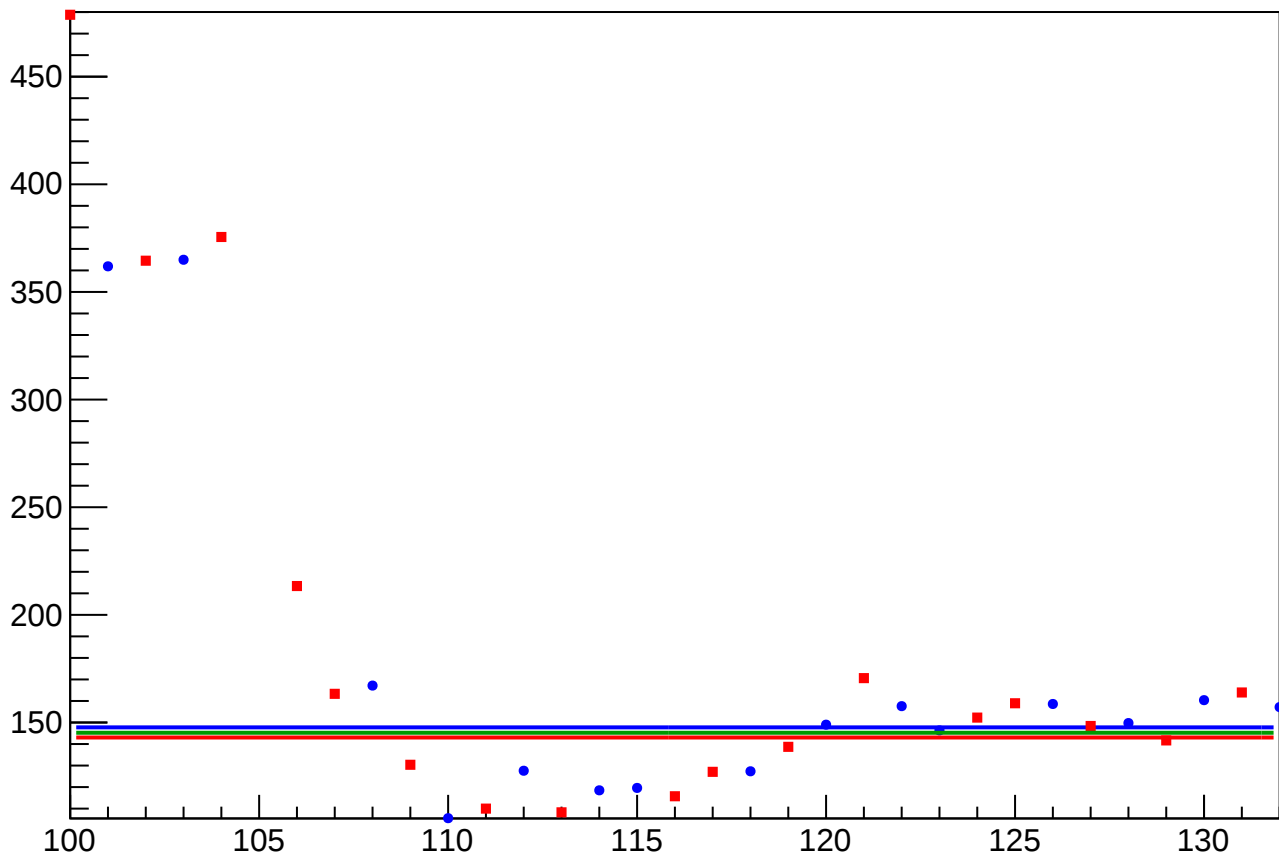
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

140403.154 $\pm$ 0.066 χ^2 /NDF: 1022452276.7/14

140223.402 $\pm$ 0.046 χ^2 /NDF: 205743531

140064.755 $\pm$ 0.062 χ^2 /NDF: 1021215361.5/16

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 147.737 $\pm$ 0.047 χ^2 /NDF: 1019321.0/14

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

Right Out: 143.037 $\pm$ 0.044 χ^2 /NDF: 1149080.8/16

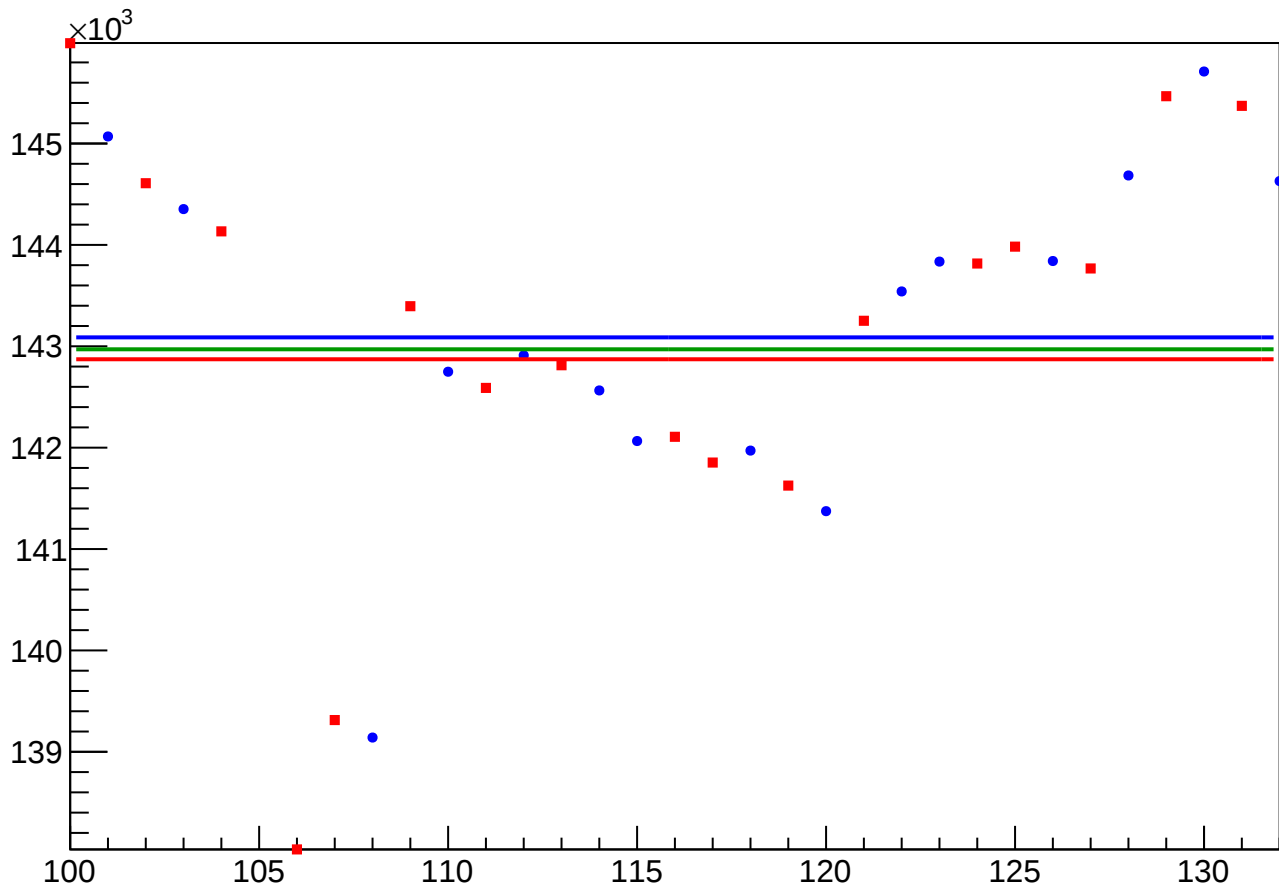
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

147.737 $\pm$ 0.047 χ^2 /NDF: 1019321.0/14

145.241 $\pm$ 0.032 χ^2 /NDF: 2173715.0/31

143.037 $\pm$ 0.044 χ^2 /NDF: 1149080.8/16

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 143087.954 $\pm$ 0.070 χ^2 /NDF: 595112551.3/14

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

143087.954 $\pm$ 0.070 χ^2 /NDF: 595112551.3/14

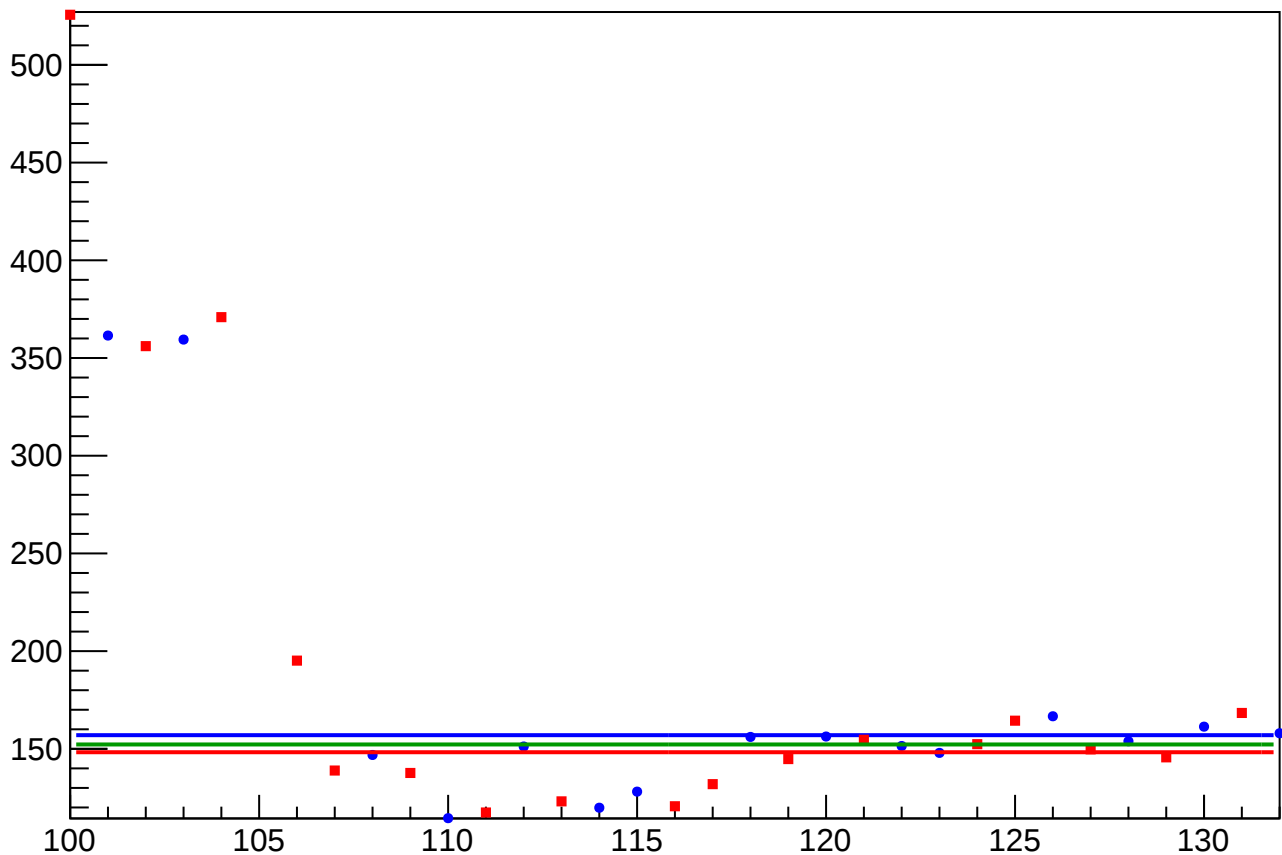
142970.293 $\pm$ 0.047 χ^2 /NDF: 130139562

Right Out: 142871.928 $\pm$ 0.064 χ^2 /NDF: 701133760.2/16

142871.928 $\pm$ 0.064 χ^2 /NDF: 701133760.2/16

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

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.997 $\pm$ 0.050 χ^2 /NDF: 867339.7/14

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

Right Out: 148.266 $\pm$ 0.045 χ^2 /NDF: 971891.2/16

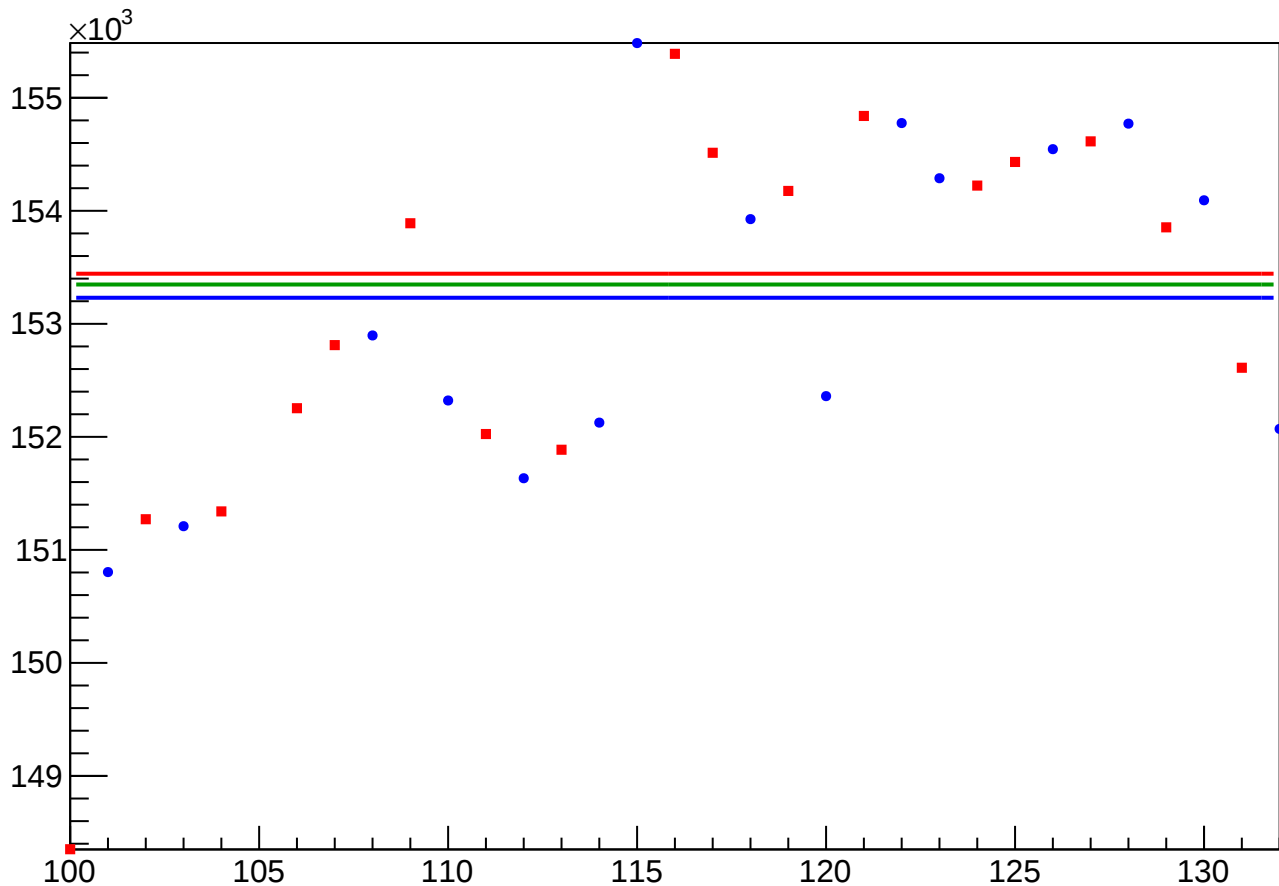
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.997 $\pm$ 0.050 χ^2 /NDF: 867339.7/14

152.242 $\pm$ 0.034 χ^2 /NDF: 1856054.7/31

148.266 $\pm$ 0.045 χ^2 /NDF: 971891.2/16

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153230.811 $\pm$ 0.079 χ^2 /NDF: 261660544.9/14

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

Right Out: 153443.527 $\pm$ 0.071 χ^2 /NDF: 271365290.3/16

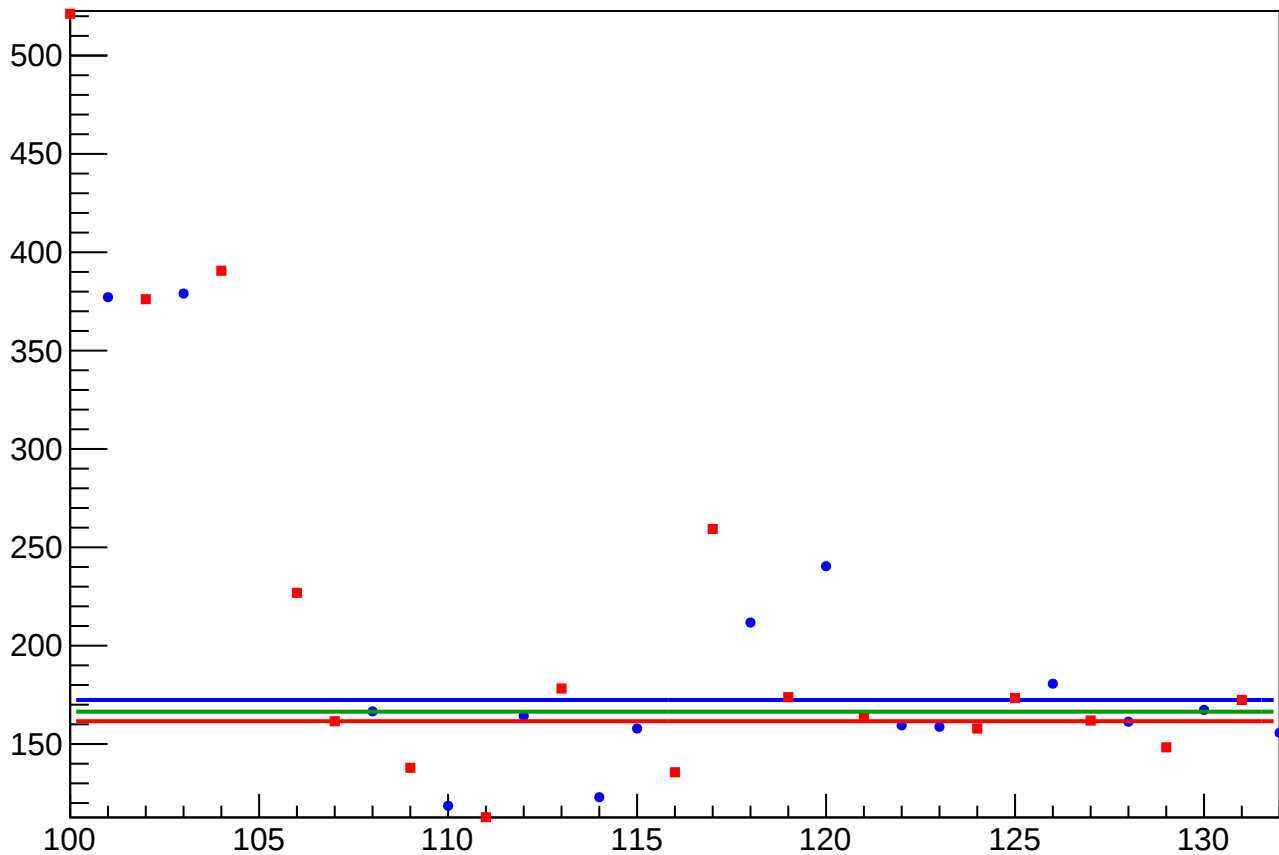
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153230.811 $\pm$ 0.079 χ^2 /NDF: 261660544.9/14

153348.018 $\pm$ 0.053 χ^2 /NDF: 537001995

153443.527 $\pm$ 0.071 χ^2 /NDF: 271365290.3/16

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.392 $\pm$ 0.056 χ^2 /NDF: 941423.1/14

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

Right Out: 161.597 $\pm$ 0.051 χ^2 /NDF: 1028877.8/16

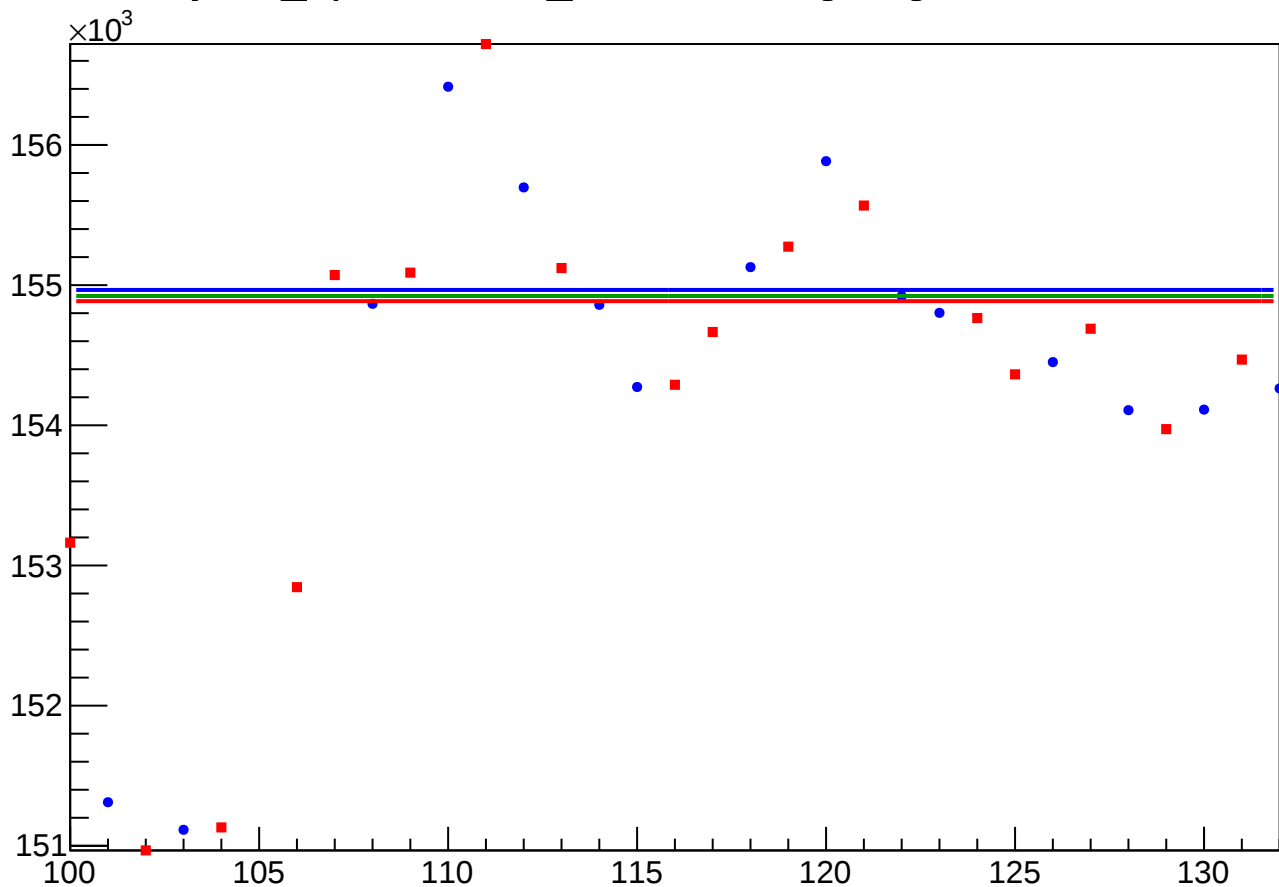
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

172.392 $\pm$ 0.056 χ^2 /NDF: 941423.1/14

166.444 $\pm$ 0.038 χ^2 /NDF: 1990780.6/31

161.597 $\pm$ 0.051 χ^2 /NDF: 1028877.8/16

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154965.676 $\pm$ 0.070 χ^2 /NDF: 212510240.3/14

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

Right Out: 154885.815 $\pm$ 0.065 χ^2 /NDF: 282850893.7/16

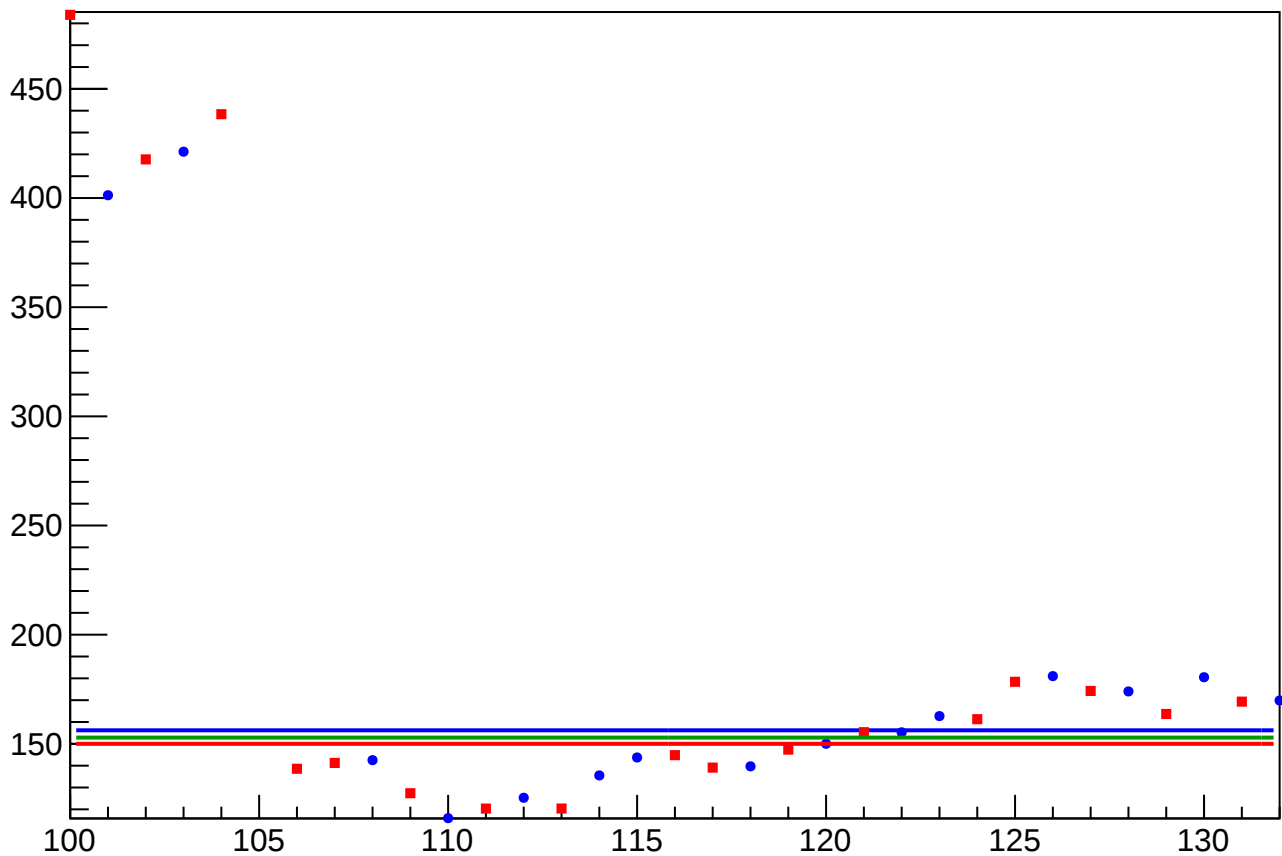
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

154965.676 $\pm$ 0.070 χ^2 /NDF: 212510240.3/14

154922.550 $\pm$ 0.048 χ^2 /NDF: 496061685

154885.815 $\pm$ 0.065 χ^2 /NDF: 282850893.7/16

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 156.202 $\pm$ 0.050 χ^2 /NDF: 1095531.5/14

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

Right Out: 150.013 $\pm$ 0.046 χ^2 /NDF: 1133872.5/16

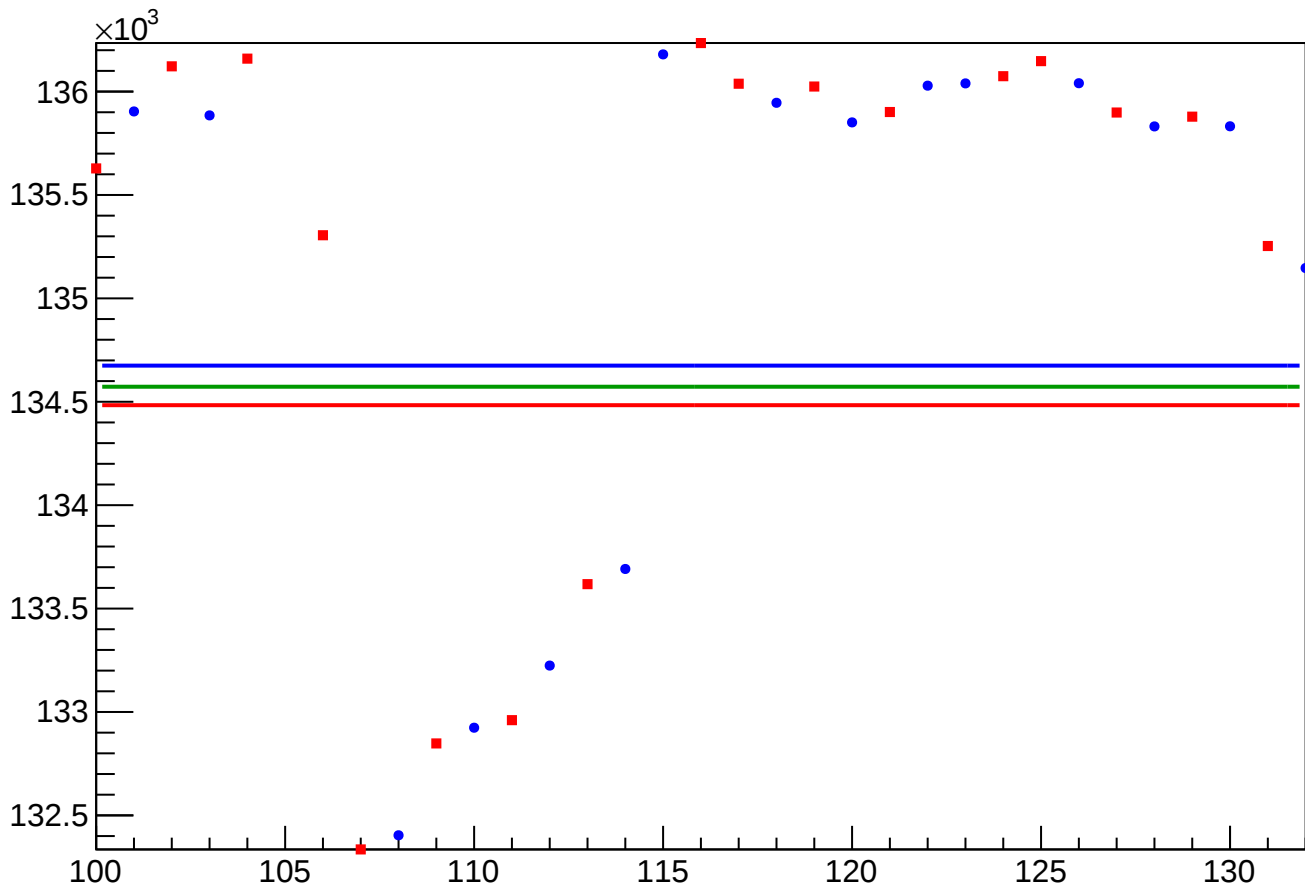
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.202 $\pm$ 0.050 χ^2 /NDF: 1095531.5/14

152.860 $\pm$ 0.034 χ^2 /NDF: 2237817.1/31

150.013 $\pm$ 0.046 χ^2 /NDF: 1133872.5/16

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134674.815 $\pm$ 0.054 χ^2 /NDF: 722723005.4/14

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

134674.815 $\pm$ 0.054 χ^2 /NDF: 722723005.4/14

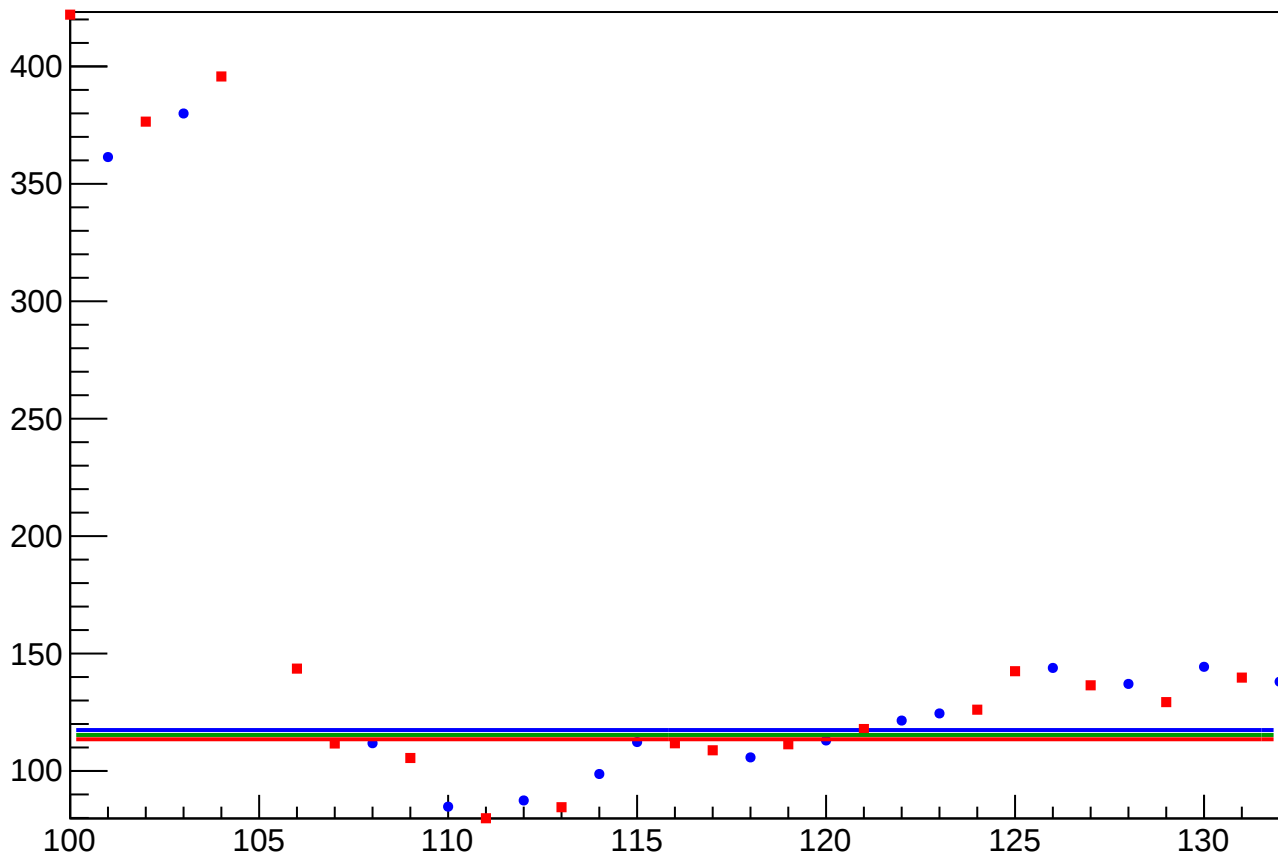
134572.768 $\pm$ 0.037 χ^2 /NDF: 158694109

Right Out: 134483.469 $\pm$ 0.050 χ^2 /NDF: 857433430.6/16

134483.469 $\pm$ 0.050 χ^2 /NDF: 857433430.6/16

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

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 117.426+/-0.038 χ^2/NDF : 1393981.5/14

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

Right Out: 113.497+/-0.035 χ^2/NDF : 1475316.9/16

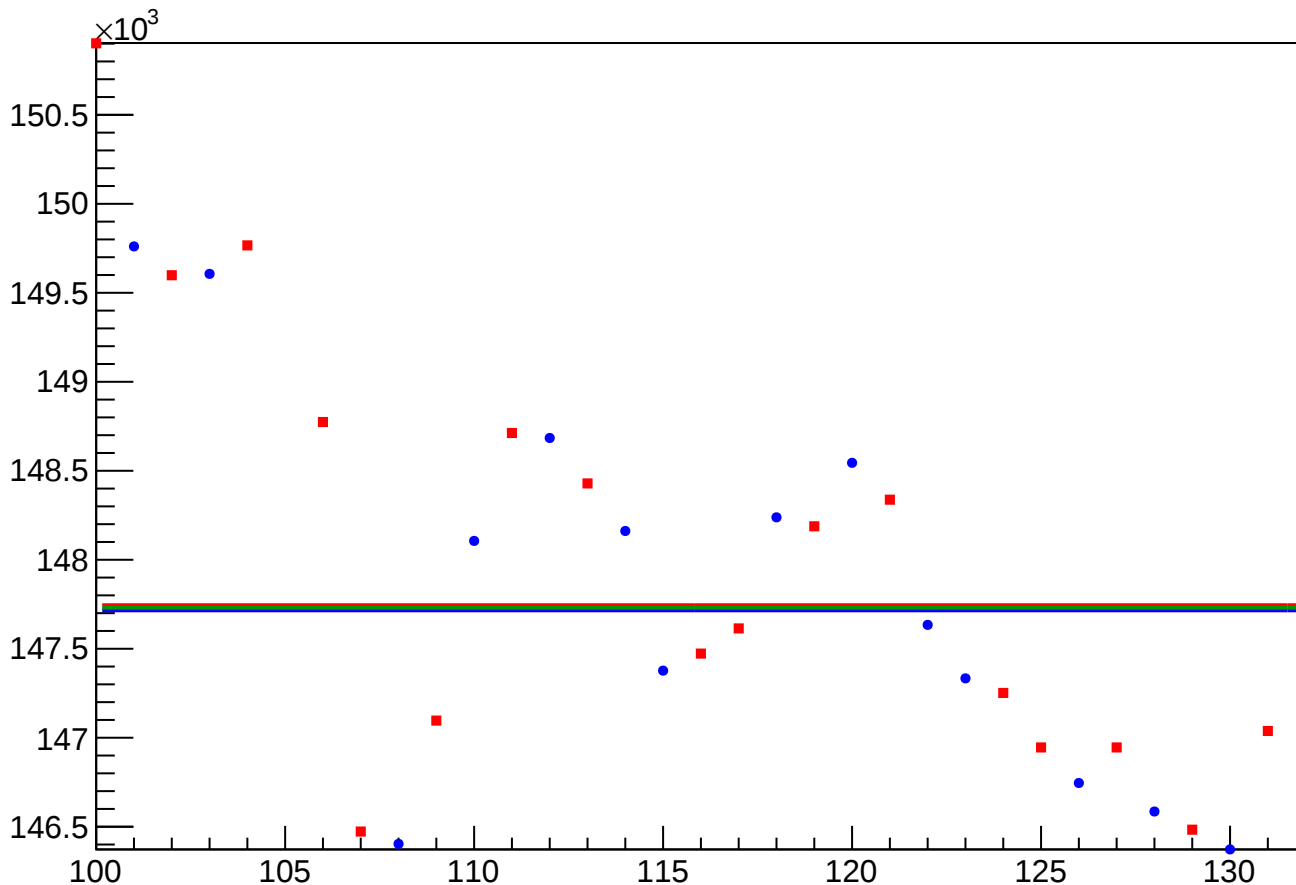
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.426+/-0.038 χ^2/NDF : 1393981.5/14

115.331+/-0.026 χ^2/NDF : 2875020.4/31

113.497+/-0.035 χ^2/NDF : 1475316.9/16

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147716.067 $\pm$ 0.067 χ^2 /NDF: 181147384.7/14

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

147716.067 $\pm$ 0.067 χ^2 /NDF: 181147384.7/14

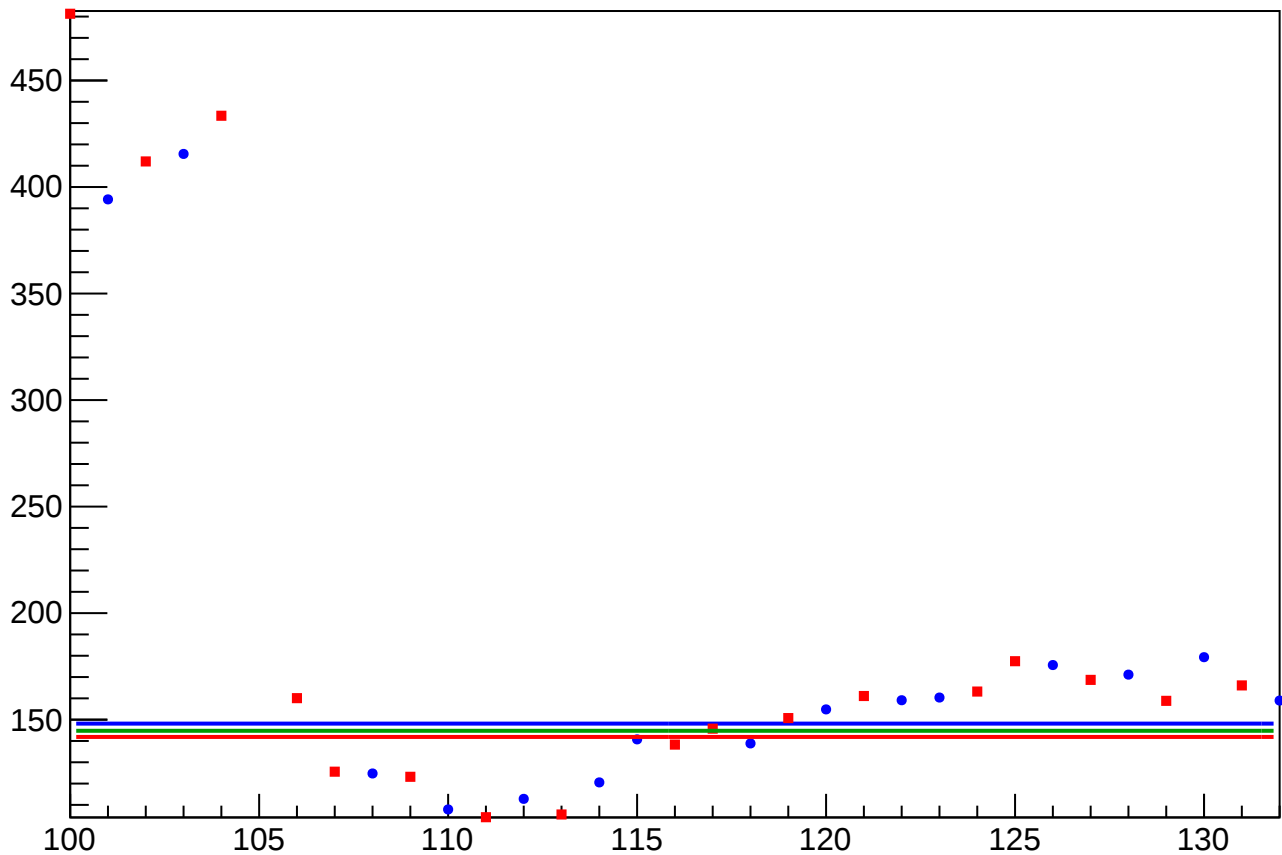
147731.326 $\pm$ 0.046 χ^2 /NDF: 380890671

Right Out: 147744.409 $\pm$ 0.062 χ^2 /NDF: 199646898.9/16

147744.409 $\pm$ 0.062 χ^2 /NDF: 199646898.9/16

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

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 148.147+/-0.047 χ^2/NDF : 1220304.1/14

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

Right Out: 141.890+/-0.044 χ^2/NDF : 1330094.7/16

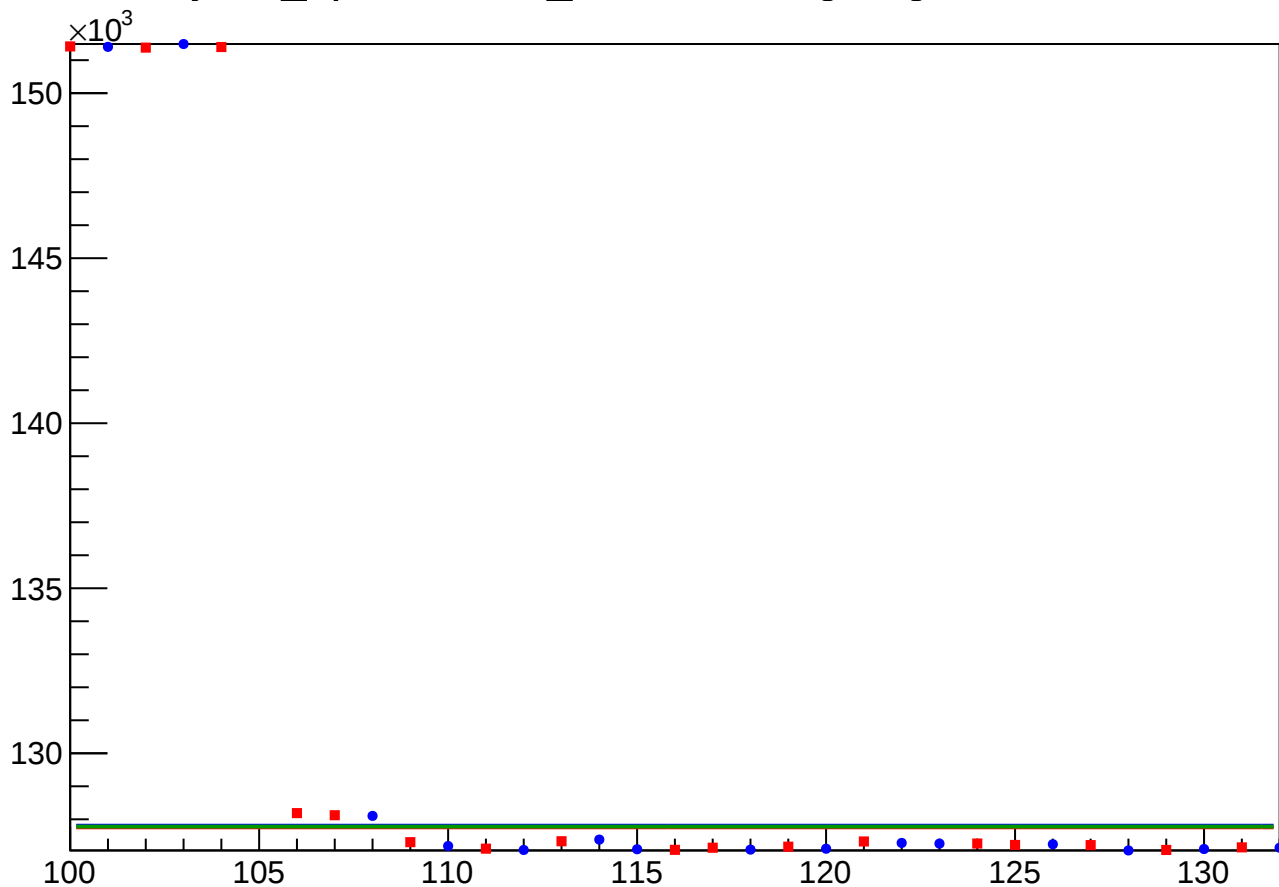
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.147+/-0.047 χ^2/NDF : 1220304.1/14

144.778+/-0.032 χ^2/NDF : 2559795.1/31

141.890+/-0.044 χ^2/NDF : 1330094.7/16

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127804.562 $\pm$ 0.057 χ^2 /NDF: 4202893857.8/14

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

Right Out: 127758.358 $\pm$ 0.053 χ^2 /NDF: 3665614870.6/16

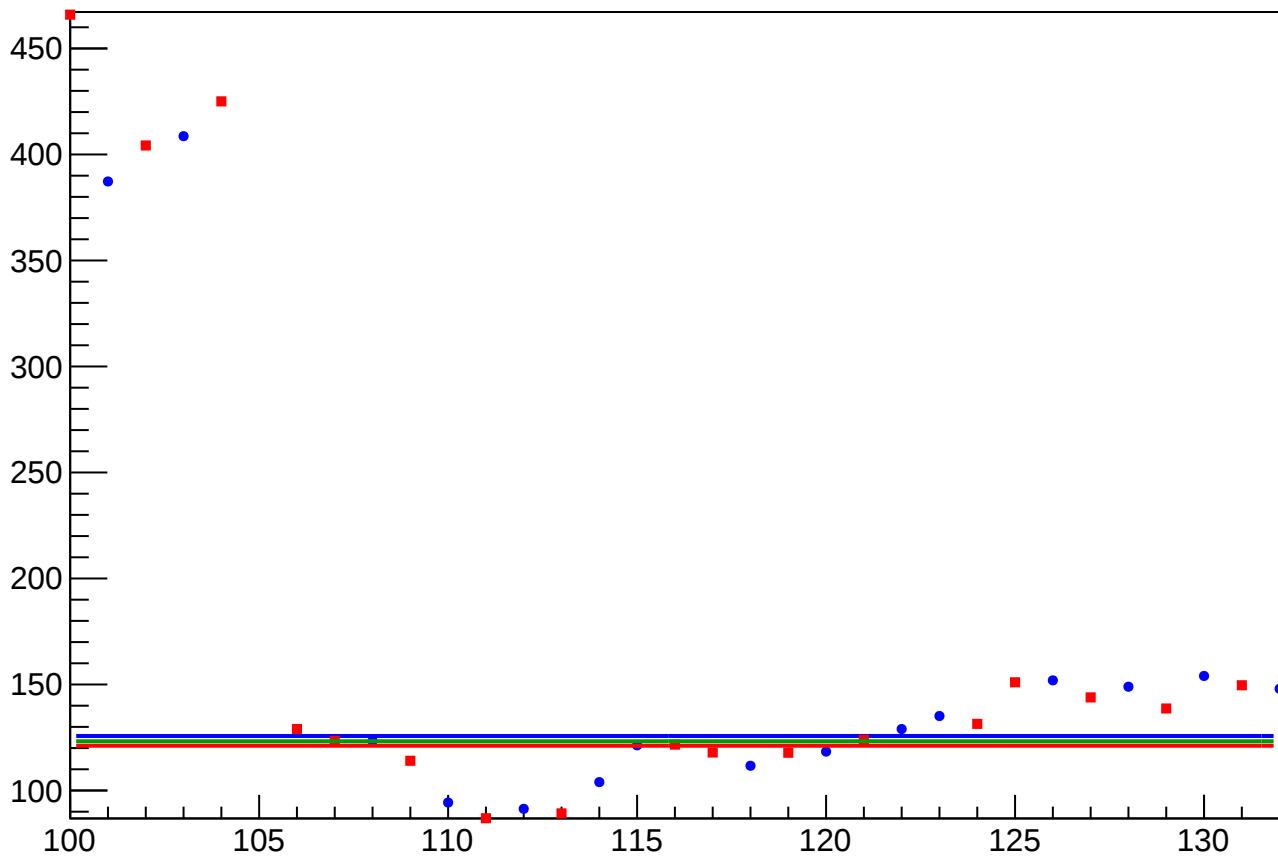
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127804.562 $\pm$ 0.057 χ^2 /NDF: 4202893857.8/14

127779.670 $\pm$ 0.039 χ^2 /NDF: 786885716

127758.358 $\pm$ 0.053 χ^2 /NDF: 3665614870.6/16

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 125.711+/-0.041 χ^2/NDF : 1394261.3/14

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

Right Out: 121.110+/-0.038 χ^2/NDF : 1448469.0/16

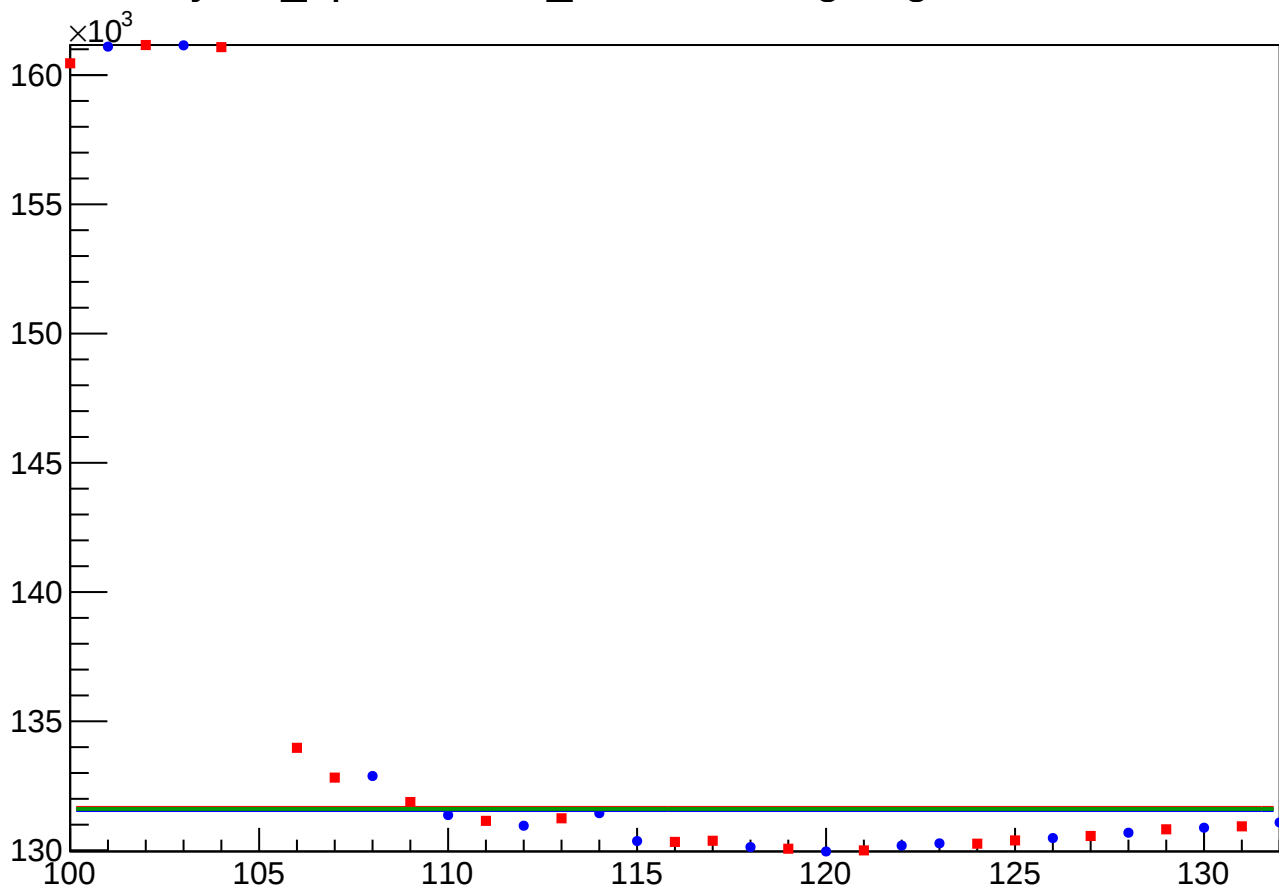
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.711+/-0.041 χ^2/NDF : 1394261.3/14

123.232+/-0.028 χ^2/NDF : 2849641.3/31

121.110+/-0.038 χ^2/NDF : 1448469.0/16

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131567.093 $\pm$ 0.060 χ^2 /NDF: 6021694314.6/14

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

Right Out: 131647.921 $\pm$ 0.055 χ^2 /NDF: 5378172079.7/16

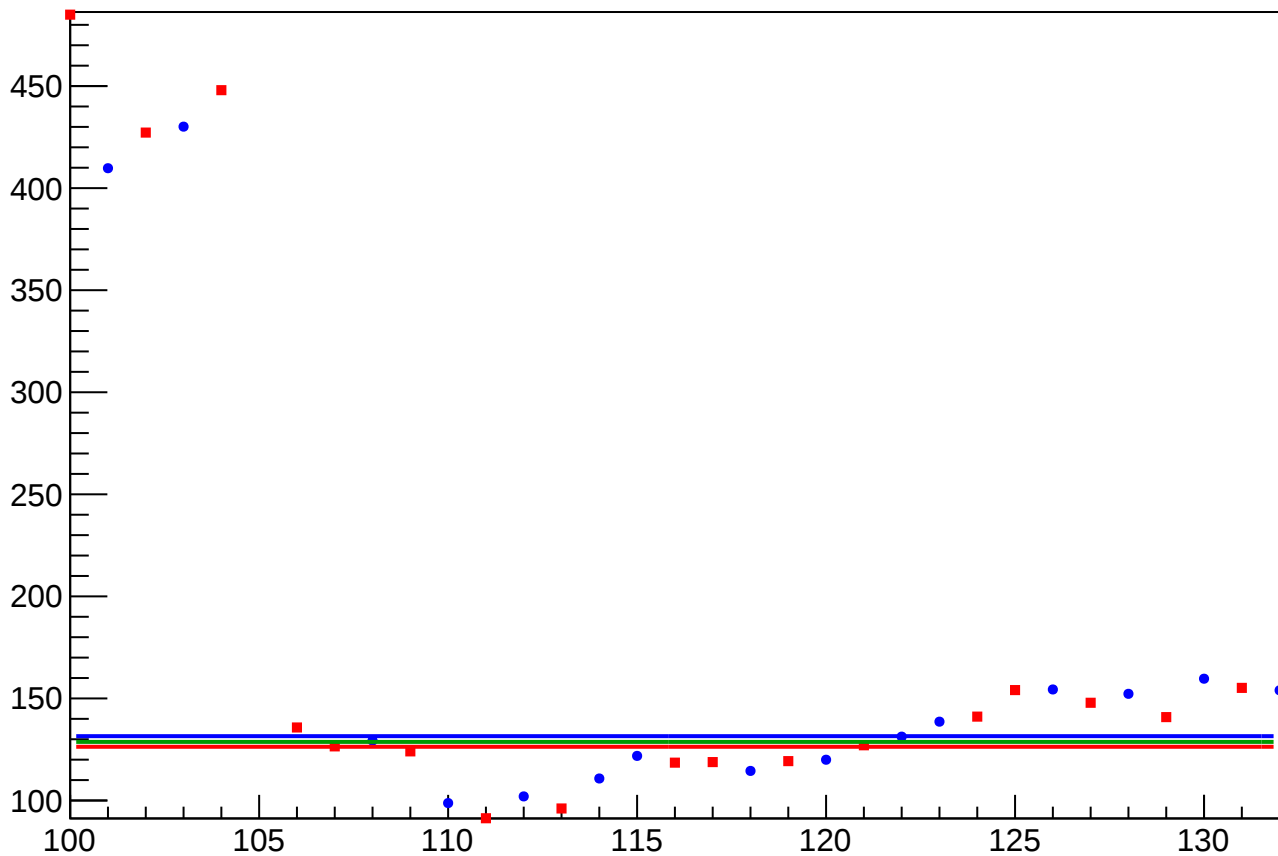
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131567.093 $\pm$ 0.060 χ^2 /NDF: 6021694314.6/14

131610.726 $\pm$ 0.041 χ^2 /NDF: 1140084700.0/14

131647.921 $\pm$ 0.055 χ^2 /NDF: 5378172079.7/16

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 131.515 $\pm$ 0.042 χ^2 /NDF: 1349245.4/14

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

Right Out: 126.321 $\pm$ 0.039 χ^2 /NDF: 1416859.6/16

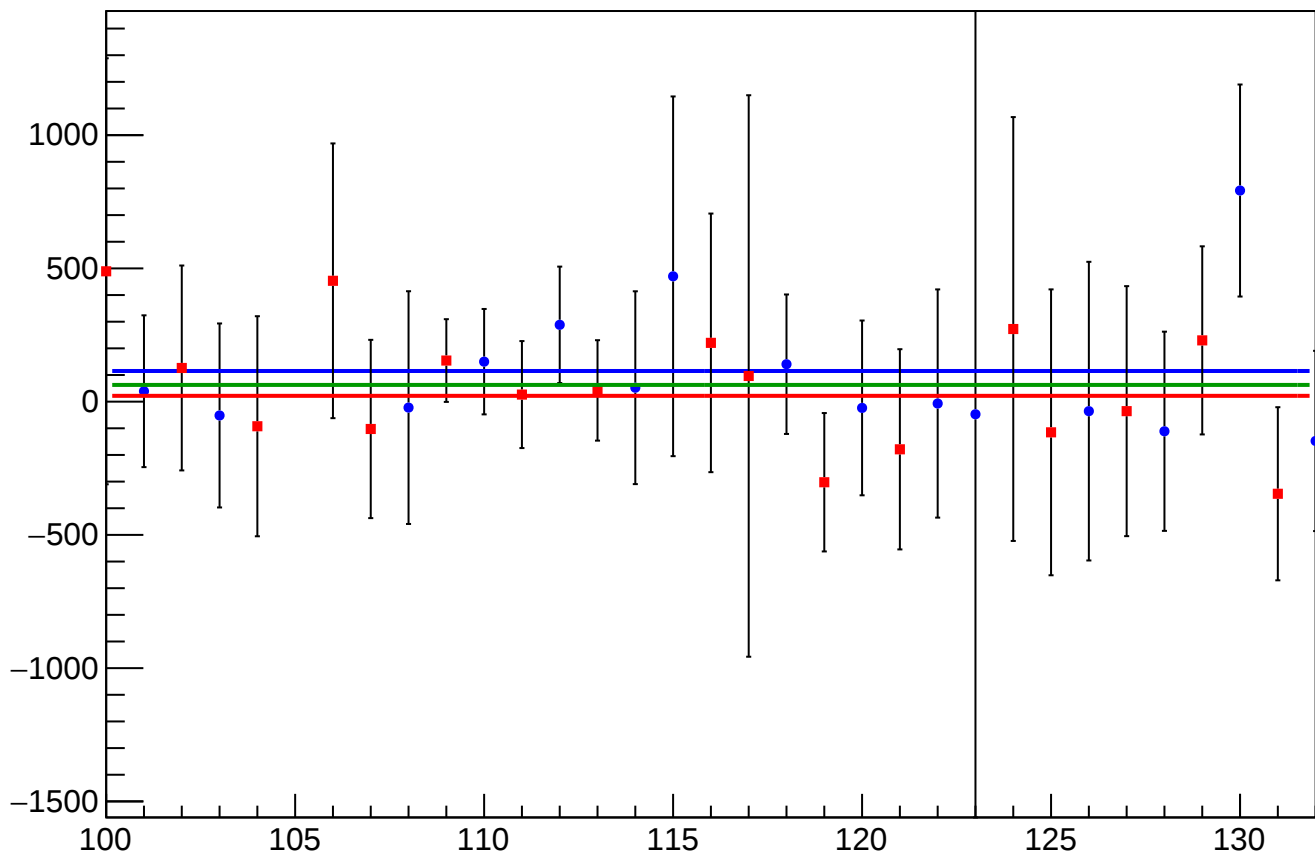
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131.515 $\pm$ 0.042 χ^2 /NDF: 1349245.4/14

128.711 $\pm$ 0.029 χ^2 /NDF: 2774205.7/31

126.321 $\pm$ 0.039 χ^2 /NDF: 1416859.6/16

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 115.041 $\pm$ 85.272 χ^2 /NDF: 5.6/14

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

Right Out: 21.809 $\pm$ 75.468 χ^2 /NDF: 5.9/16

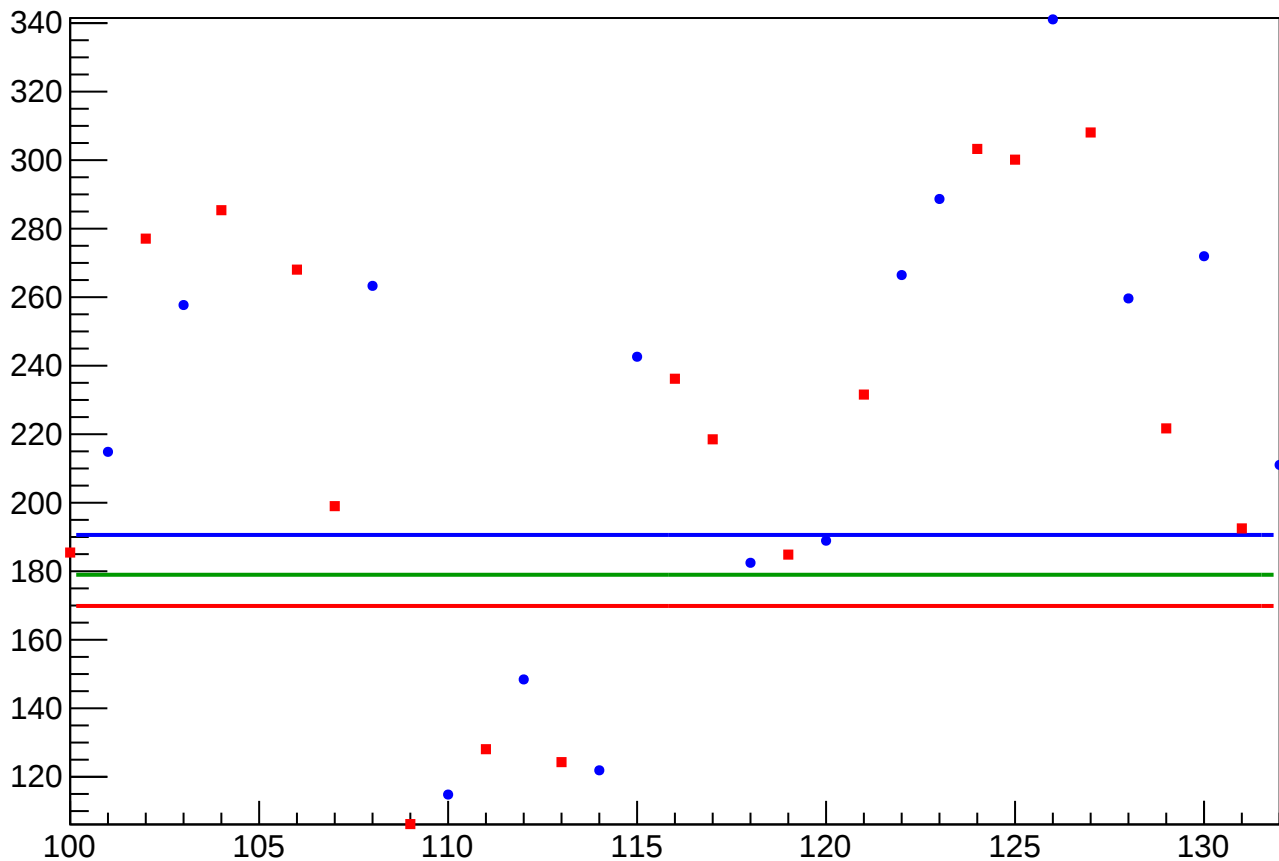
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

115.041 $\pm$ 85.272 χ^2 /NDF: 5.6/14

62.759 $\pm$ 56.514 χ^2 /NDF: 12.2/31

21.809 $\pm$ 75.468 χ^2 /NDF: 5.9/16

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 190.603 $\pm$ 0.060 χ^2 /NDF: 974317.2/14

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

Right Out: 169.874 $\pm$ 0.053 χ^2 /NDF: 1443958.3/16

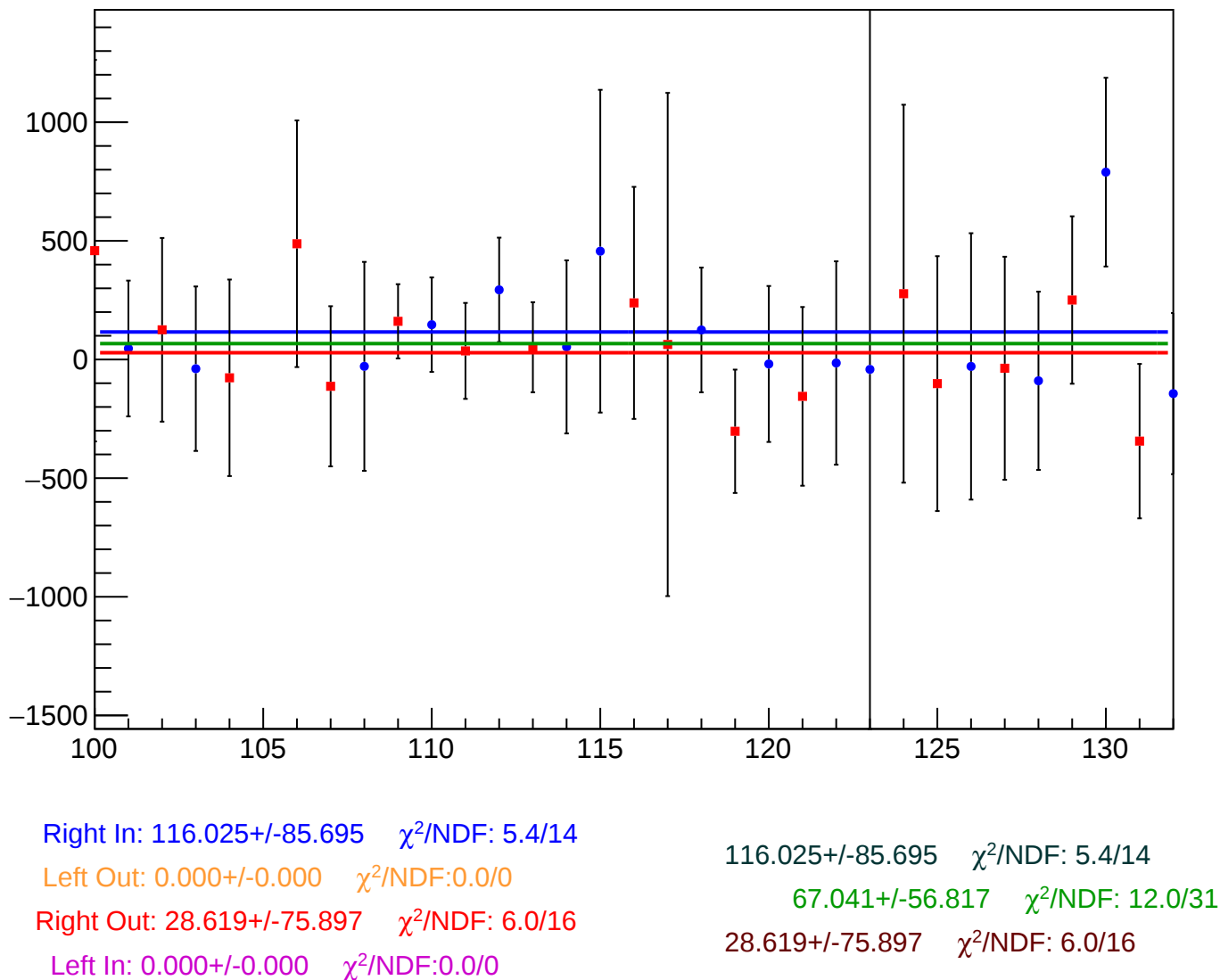
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

190.603 $\pm$ 0.060 χ^2 /NDF: 974317.2/14

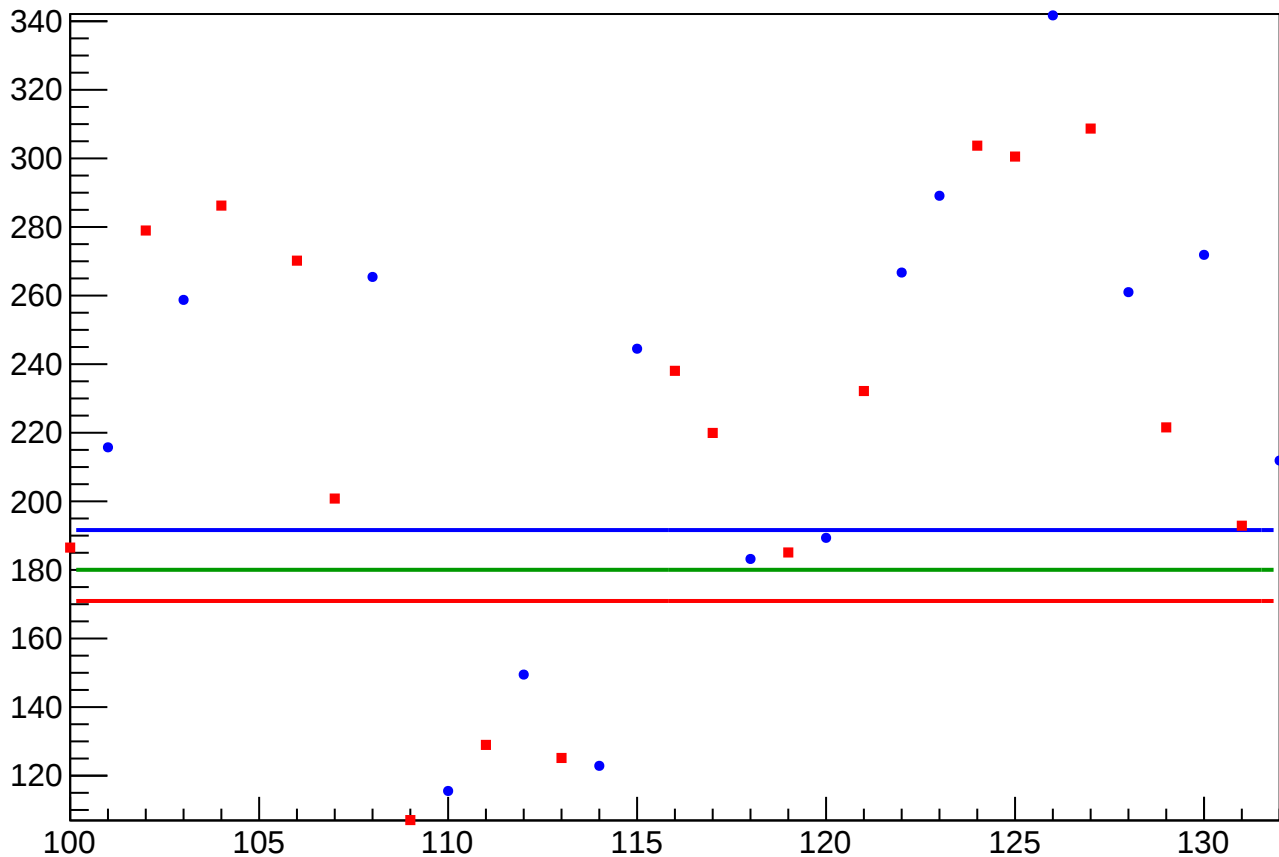
178.979 $\pm$ 0.040 χ^2 /NDF: 2484550.8/31

169.874 $\pm$ 0.053 χ^2 /NDF: 1443958.3/16

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 191.624 $\pm$ 0.061 χ^2 /NDF: 965839.5/14

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

Right Out: 170.943 $\pm$ 0.054 χ^2 /NDF: 1431182.9/16

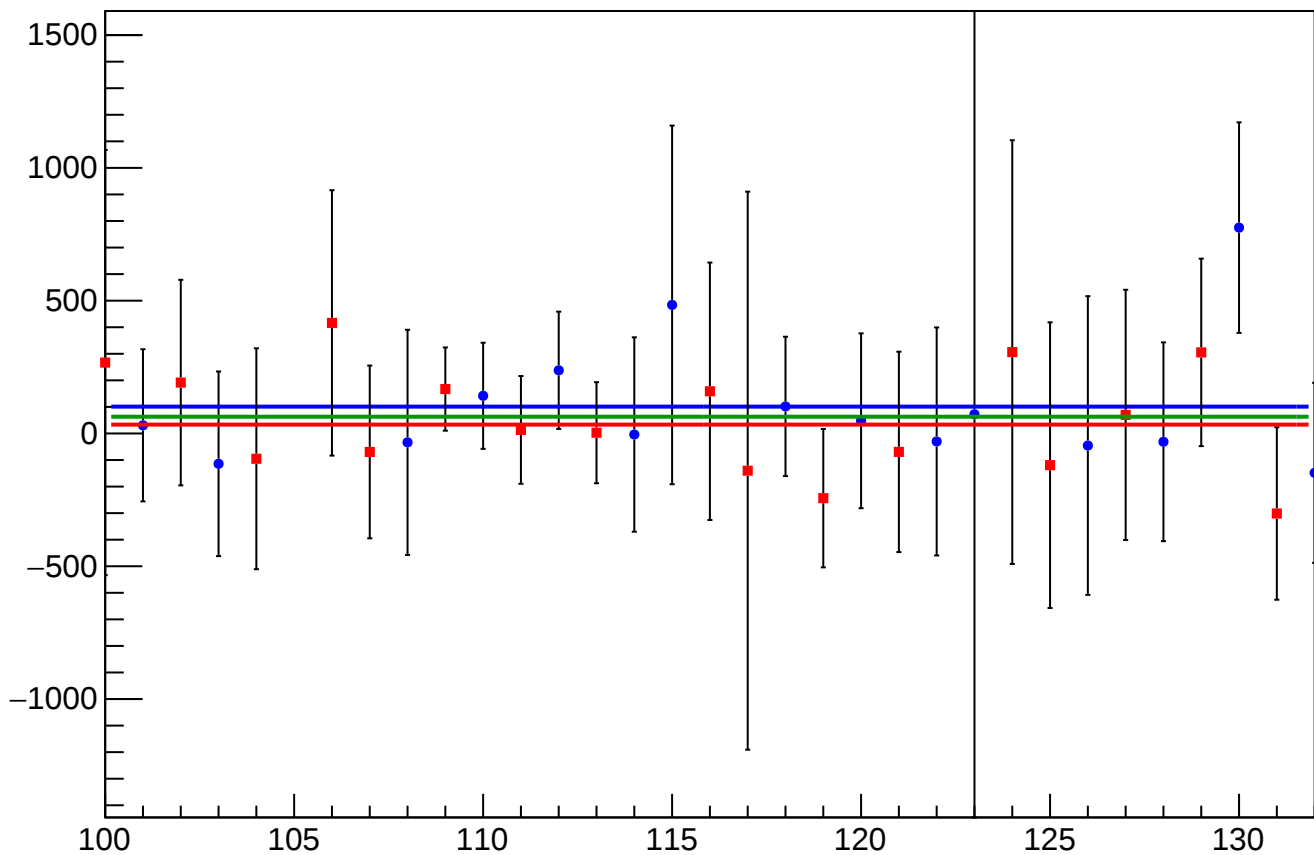
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.624 $\pm$ 0.061 χ^2 /NDF: 965839.5/14

180.034 $\pm$ 0.040 χ^2 /NDF: 2462304.8/31

170.943 $\pm$ 0.054 χ^2 /NDF: 1431182.9/16

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 101.070 $\pm$ 85.681 χ^2 /NDF: 5.1/14

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

Right Out: 33.368 $\pm$ 75.802 χ^2 /NDF: 5.0/16

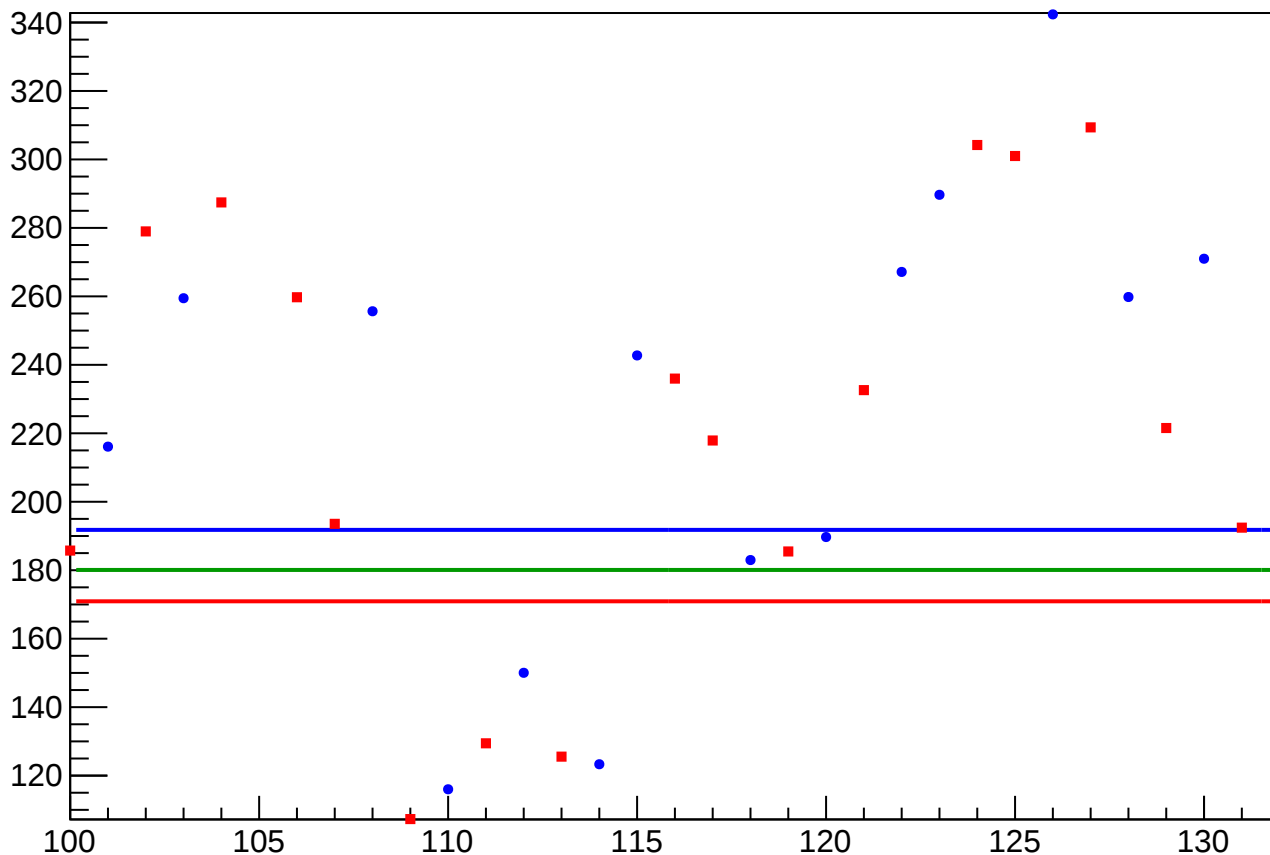
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.070 $\pm$ 85.681 χ^2 /NDF: 5.1/14

63.093 $\pm$ 56.773 χ^2 /NDF: 10.4/31

33.368 $\pm$ 75.802 χ^2 /NDF: 5.0/16

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 191.787 $\pm$ 0.061 χ^2 /NDF: 944434.2/14

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

Right Out: 170.921 $\pm$ 0.054 χ^2 /NDF: 1408358.6/16

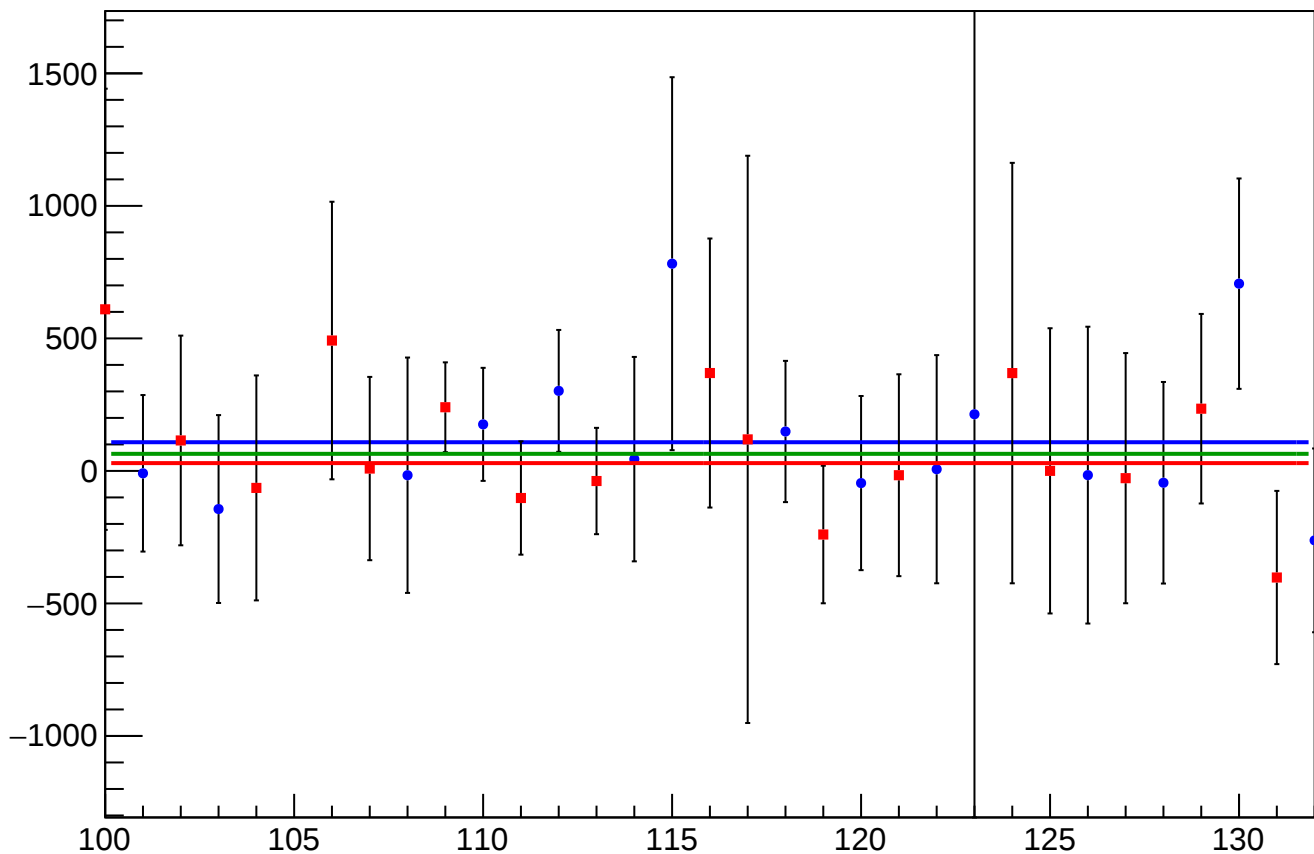
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.787 $\pm$ 0.061 χ^2 /NDF: 944434.2/14

180.082 $\pm$ 0.040 χ^2 /NDF: 2419333.2/31

170.921 $\pm$ 0.054 χ^2 /NDF: 1408358.6/16

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 108.259 $\pm$ 88.355 χ^2 /NDF: 6.4/14

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

Right Out: 29.469 $\pm$ 79.005 χ^2 /NDF: 7.2/16

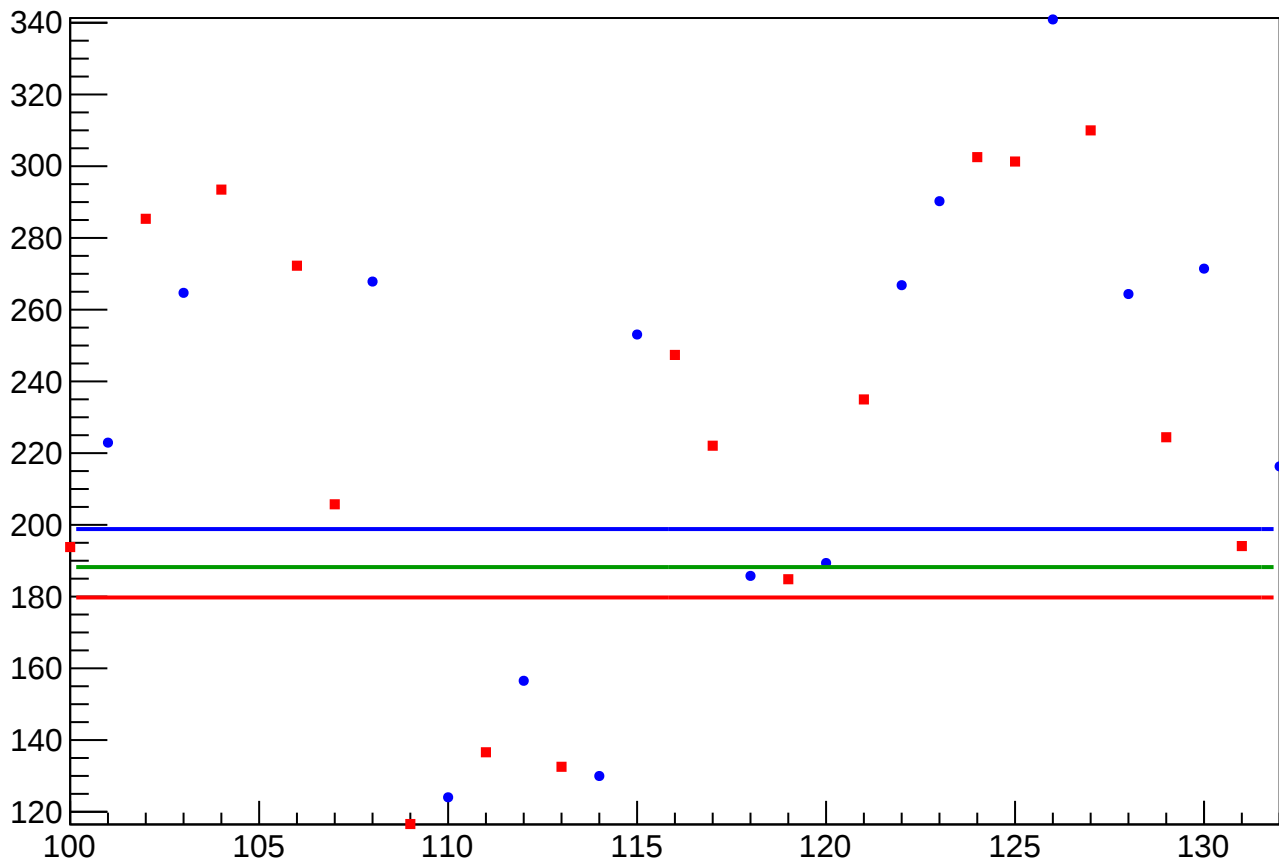
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.259 $\pm$ 88.355 χ^2 /NDF: 6.4/14

64.476 $\pm$ 58.894 χ^2 /NDF: 14.1/31

29.469 $\pm$ 79.005 χ^2 /NDF: 7.2/16

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 198.829+/-0.062 χ^2/NDF : 843883.8/14

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

Right Out: 179.756+/-0.056 χ^2/NDF : 1249670.7/16

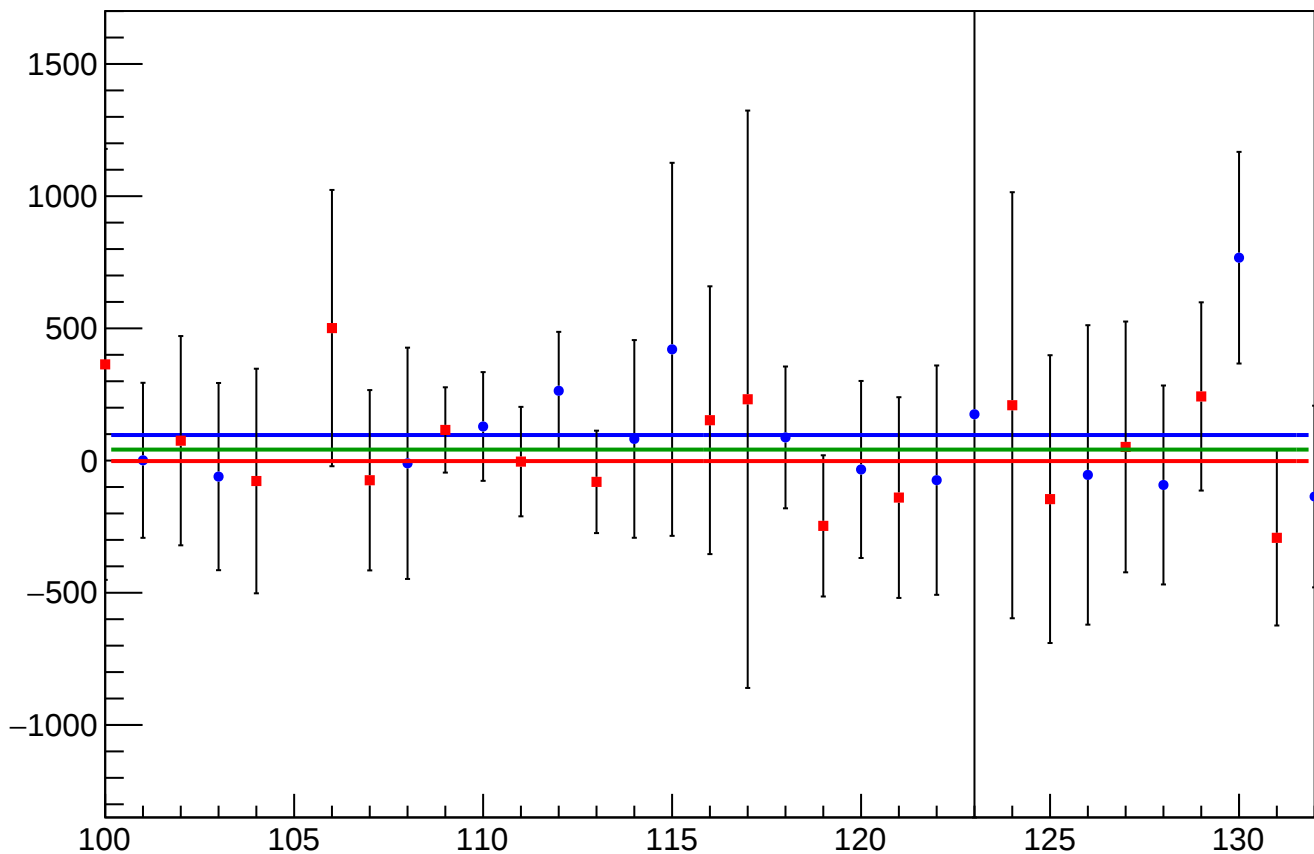
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.829+/-0.062 χ^2/NDF : 843883.8/14

188.230+/-0.042 χ^2/NDF : 2145343.2/31

179.756+/-0.056 χ^2/NDF : 1249670.7/16

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 96.616 $\pm$ 87.291 χ^2 /NDF: 5.1/14

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

Right Out: -1.935 $\pm$ 77.578 χ^2 /NDF: 4.4/16

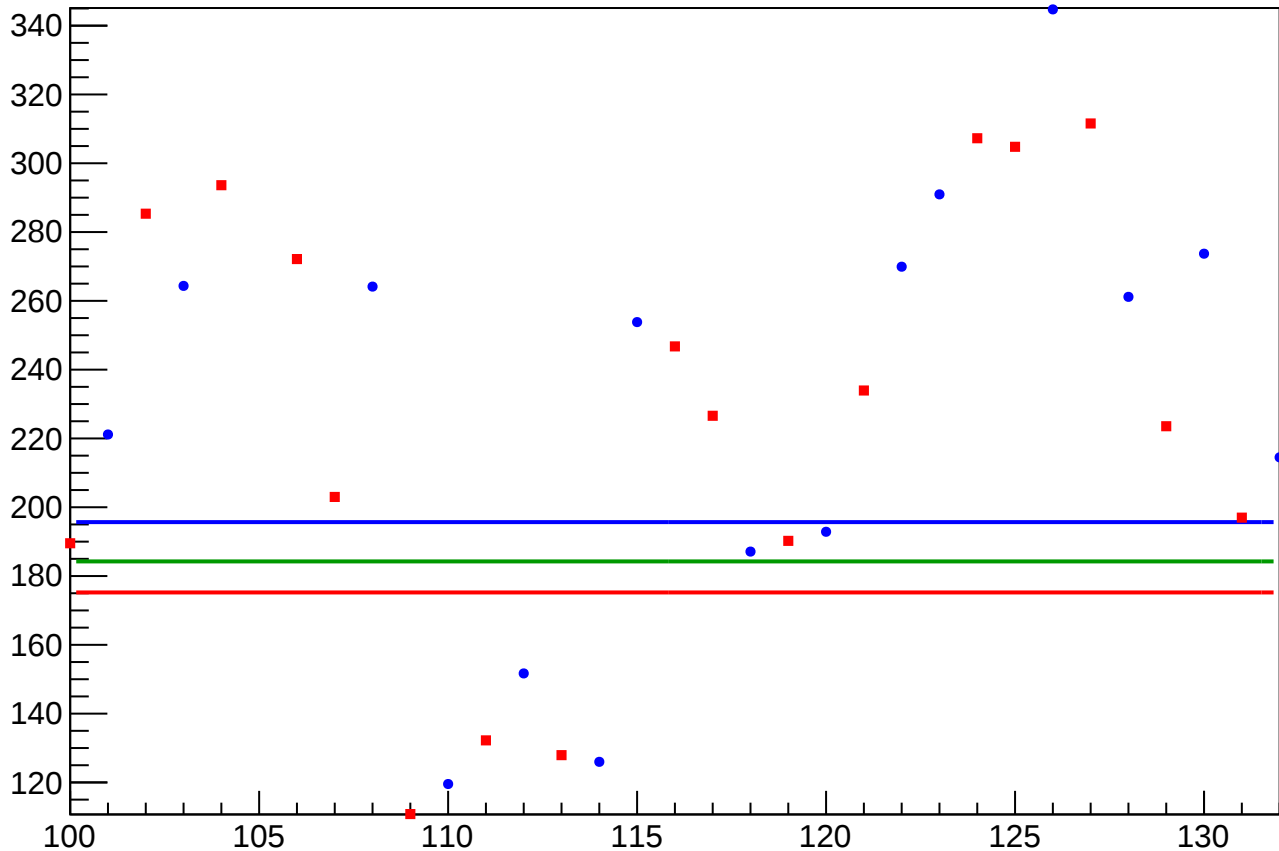
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

96.616 $\pm$ 87.291 χ^2 /NDF: 5.1/14

41.555 $\pm$ 57.987 χ^2 /NDF: 10.2/31

-1.935 $\pm$ 77.578 χ^2 /NDF: 4.4/16

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 195.676 $\pm$ 0.062 χ^2 /NDF: 924283.9/14

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

Right Out: 175.229 $\pm$ 0.055 χ^2 /NDF: 1393672.4/16

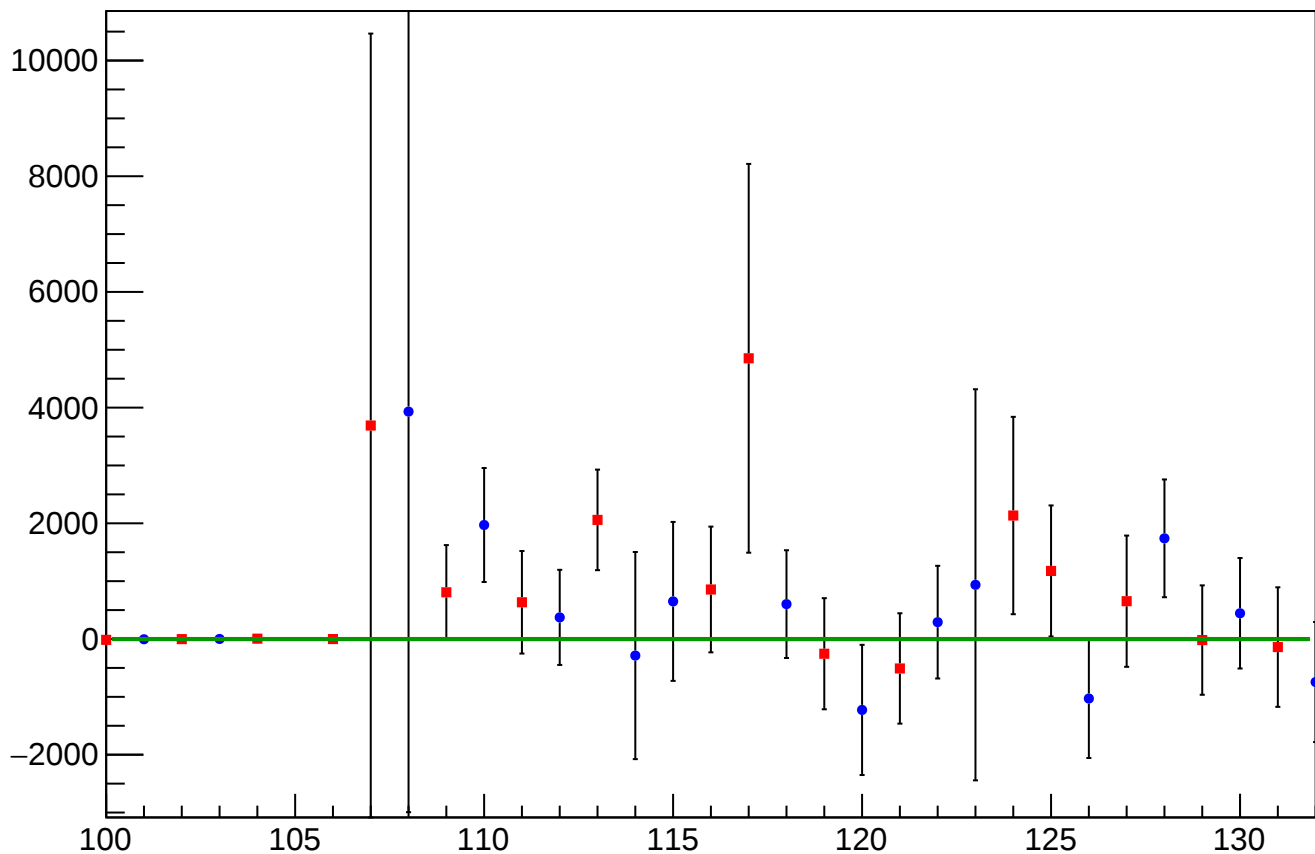
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

195.676 $\pm$ 0.062 χ^2 /NDF: 924283.9/14

184.252 $\pm$ 0.041 χ^2 /NDF: 2379266.6/31

175.229 $\pm$ 0.055 χ^2 /NDF: 1393672.4/16

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.502+/-2.251 χ^2/NDF : 12.5/14

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

Right Out: 0.744+/-2.111 χ^2/NDF : 19.4/16

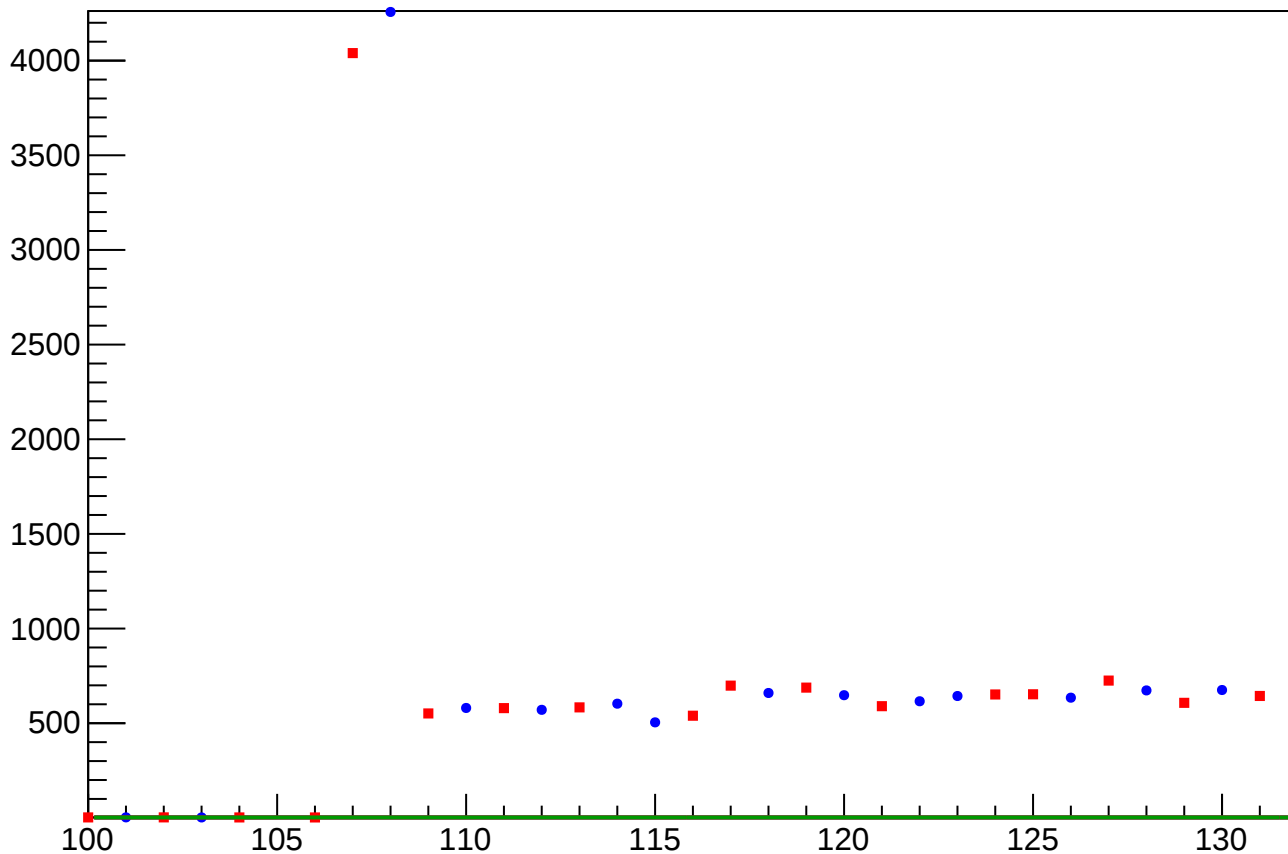
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.502+/-2.251 χ^2/NDF : 12.5/14

-0.307+/-1.540 χ^2/NDF : 32.4/31

0.744+/-2.111 χ^2/NDF : 19.4/16

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.444+/-0.002 χ^2/NDF : 8842223.4/14

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

Right Out: 2.426+/-0.001 χ^2/NDF : 9073387.9/16

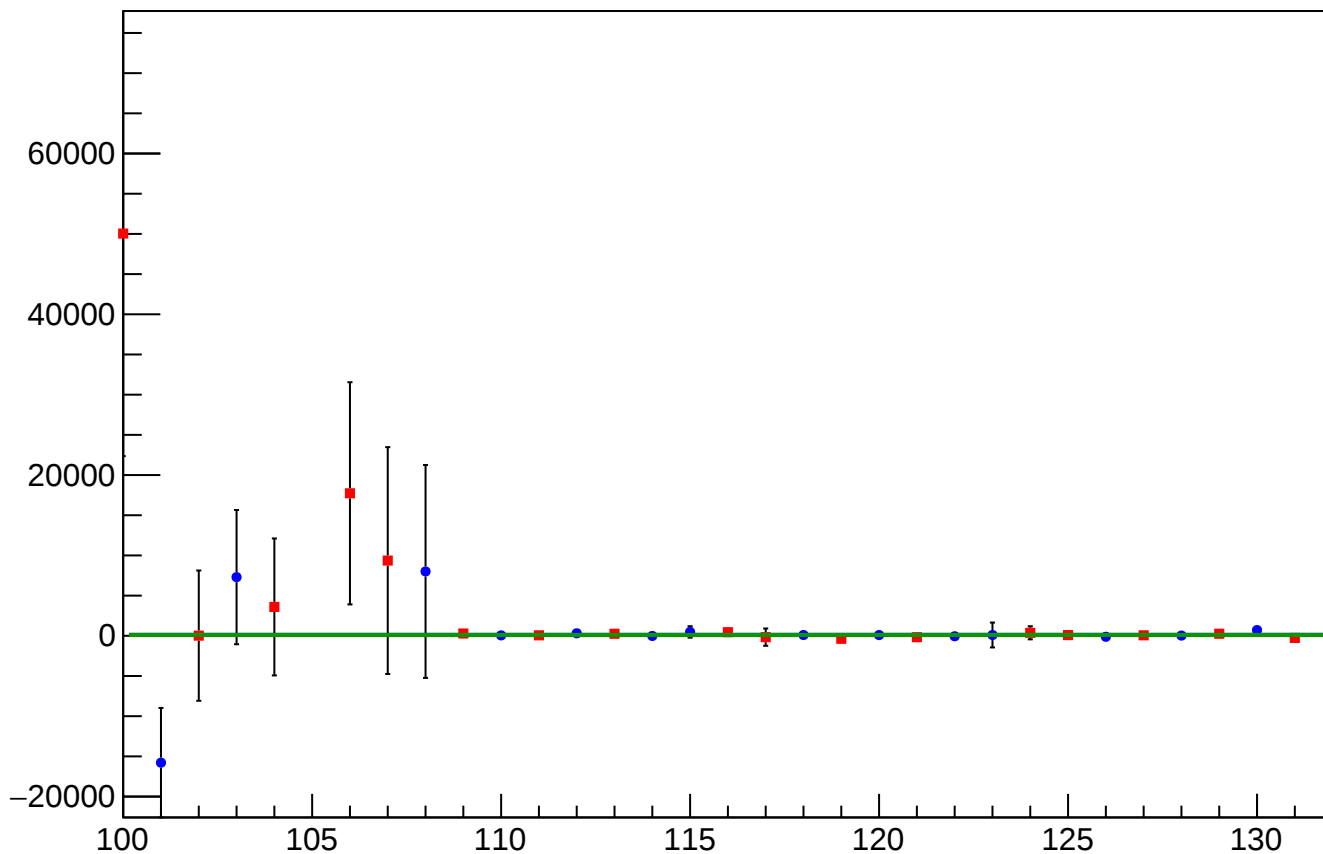
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.444+/-0.002 χ^2/NDF : 8842223.4/14

2.434+/-0.001 χ^2/NDF : 17915672.9/31

2.426+/-0.001 χ^2/NDF : 9073387.9/16

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 126.560+/-99.471 χ^2 /NDF: 10.8/14

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

Right Out: 89.594+/-93.249 χ^2 /NDF: 11.9/16

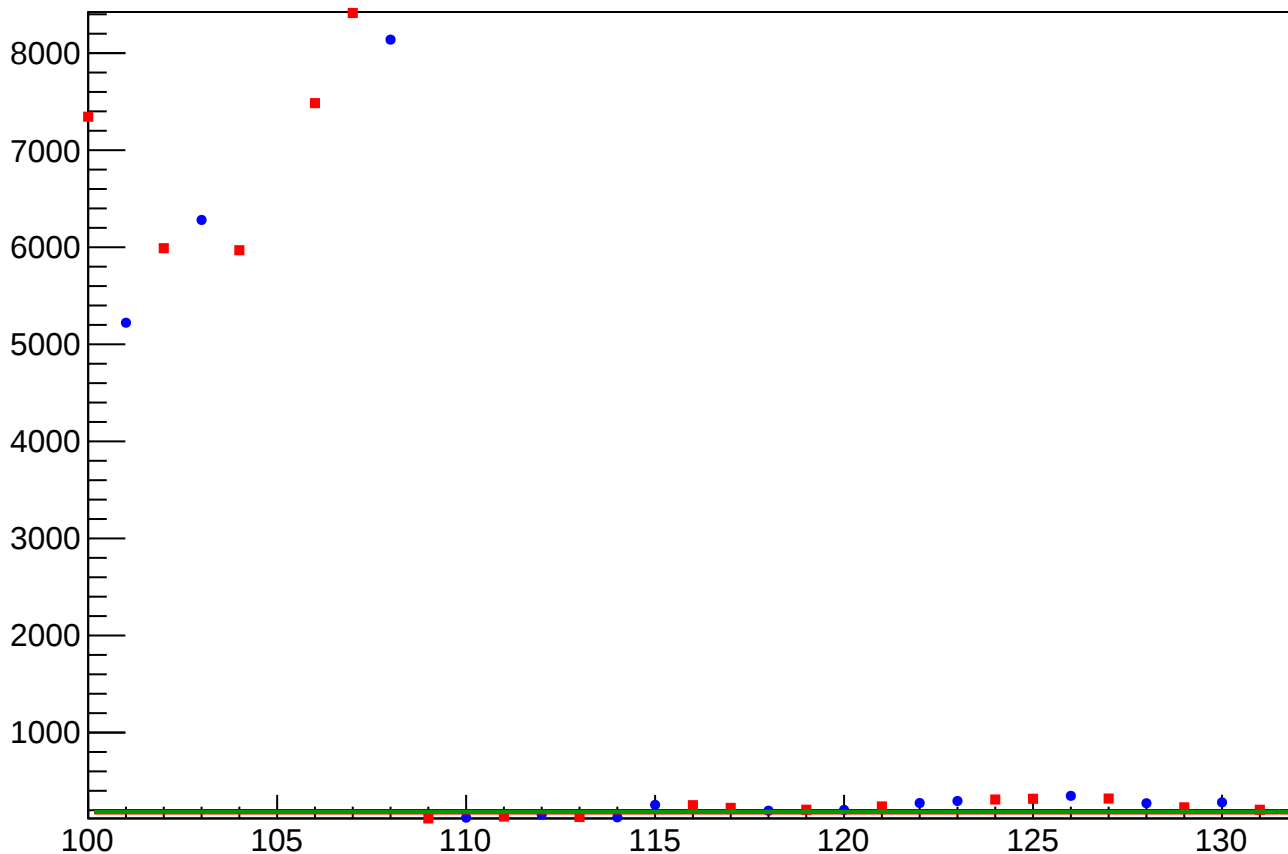
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

126.560+/-99.471 χ^2 /NDF: 10.8/14

106.885+/-68.030 χ^2 /NDF: 22.8/31

89.594+/-93.249 χ^2 /NDF: 11.9/16

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 191.741+/-0.070 χ^2/NDF : 3634187.4/14

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

Right Out: 176.171+/-0.066 χ^2/NDF : 4181263.9/16

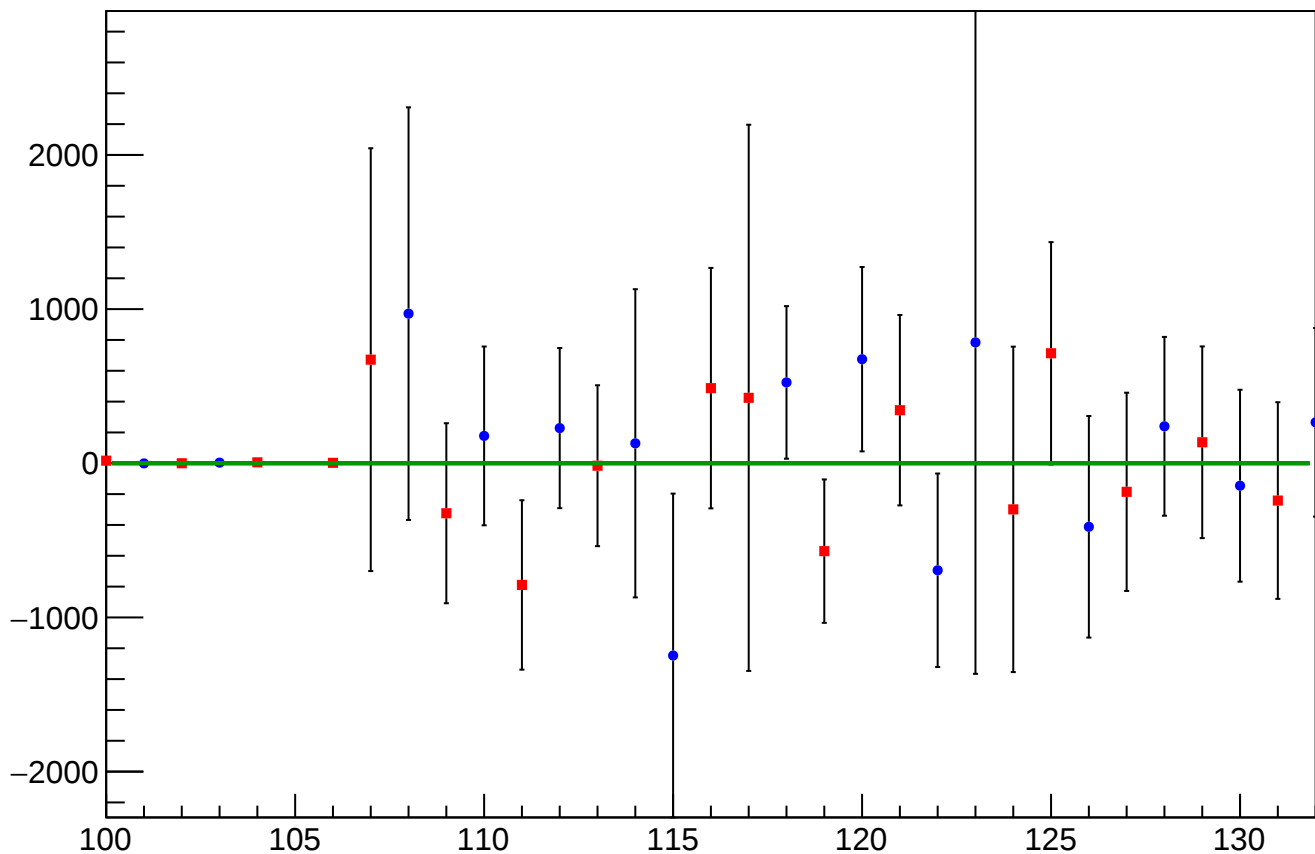
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.741+/-0.070 χ^2/NDF : 3634187.4/14

183.454+/-0.048 χ^2/NDF : 7841533.4/31

176.171+/-0.066 χ^2/NDF : 4181263.9/16

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.149+/-1.737 χ^2/NDF : 7.6/14

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

Right Out: 1.324+/-1.623 χ^2/NDF : 8.9/16

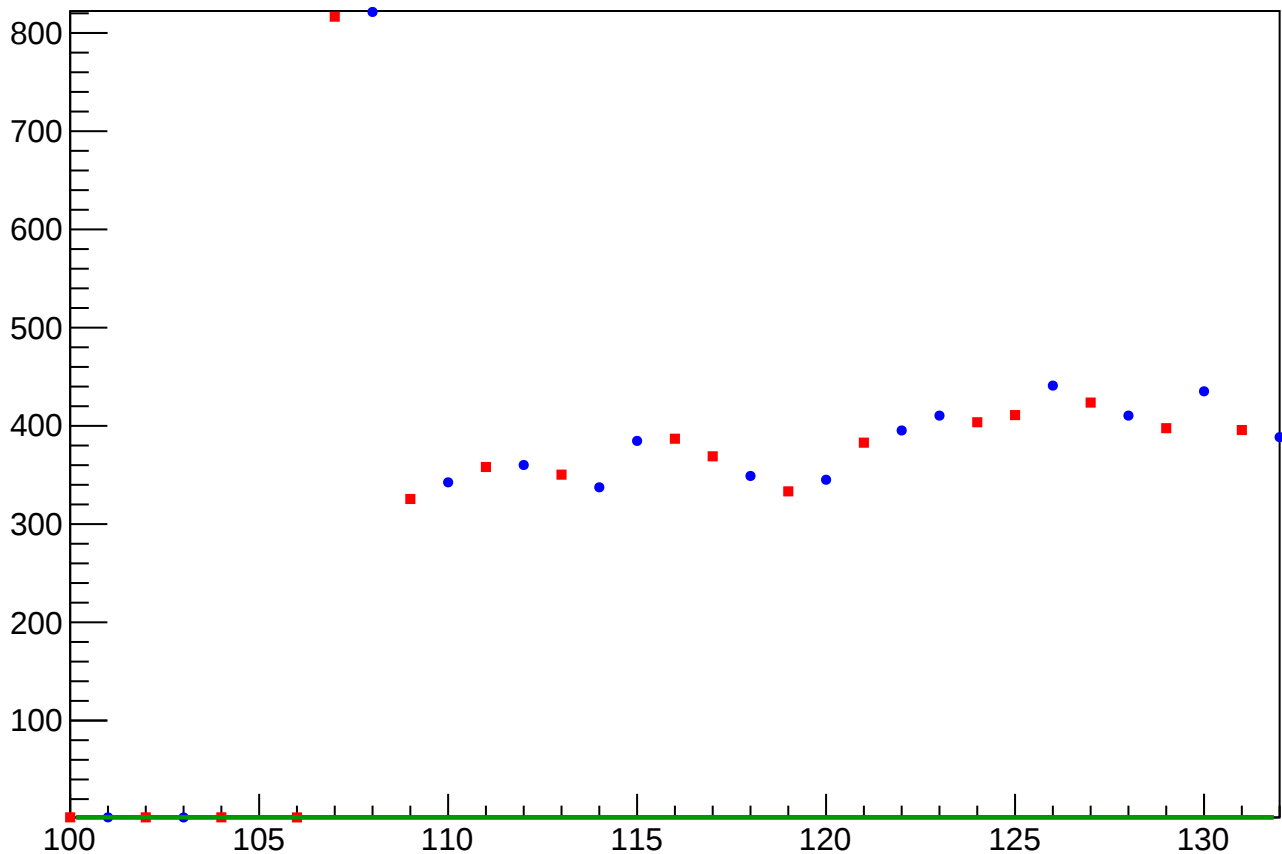
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.149+/-1.737 χ^2/NDF : 7.6/14

0.638+/-1.186 χ^2/NDF : 16.9/31

1.324+/-1.623 χ^2/NDF : 8.9/16

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.445+/-0.001 χ^2/NDF : 8913150.5/14

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

Right Out: 1.444+/-0.001 χ^2/NDF : 8793182.1/16

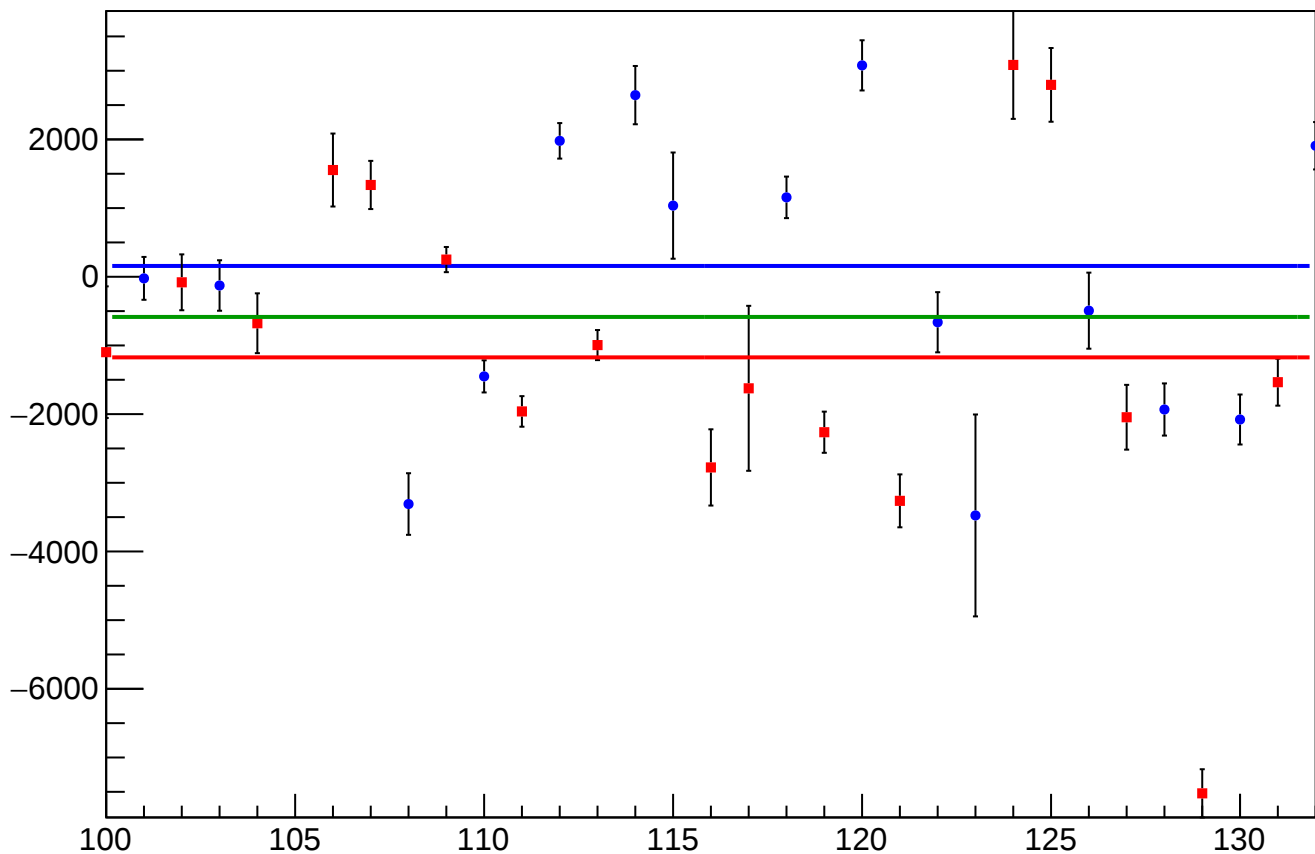
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.445+/-0.001 χ^2/NDF : 8913150.5/14

1.444+/-0.001 χ^2/NDF : 17706332.9/31

1.444+/-0.001 χ^2/NDF : 8793182.1/16

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 157.589 $\pm$ 93.939 χ^2/NDF : 372.7/14

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

Right Out: -1173.679 $\pm$ 83.663 χ^2/NDF : 626.3/16

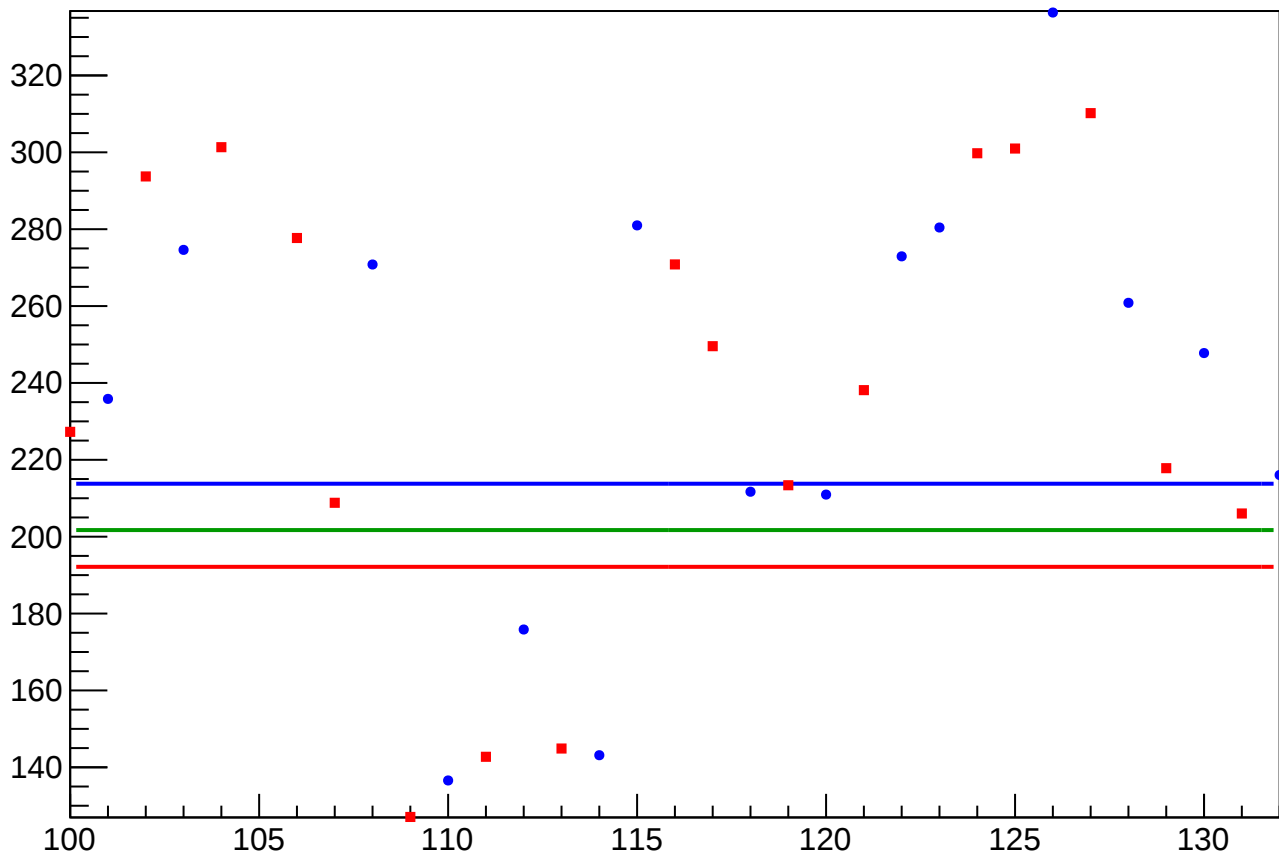
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

157.589 $\pm$ 93.939 χ^2/NDF : 372.7/14

-584.816 $\pm$ 62.477 χ^2/NDF : 1111.0/31

-1173.679 $\pm$ 83.663 χ^2/NDF : 626.3/16

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 213.779+/-0.066 χ^2/NDF : 615453.6/14

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

Right Out: 192.157+/-0.059 χ^2/NDF : 1095060.3/16

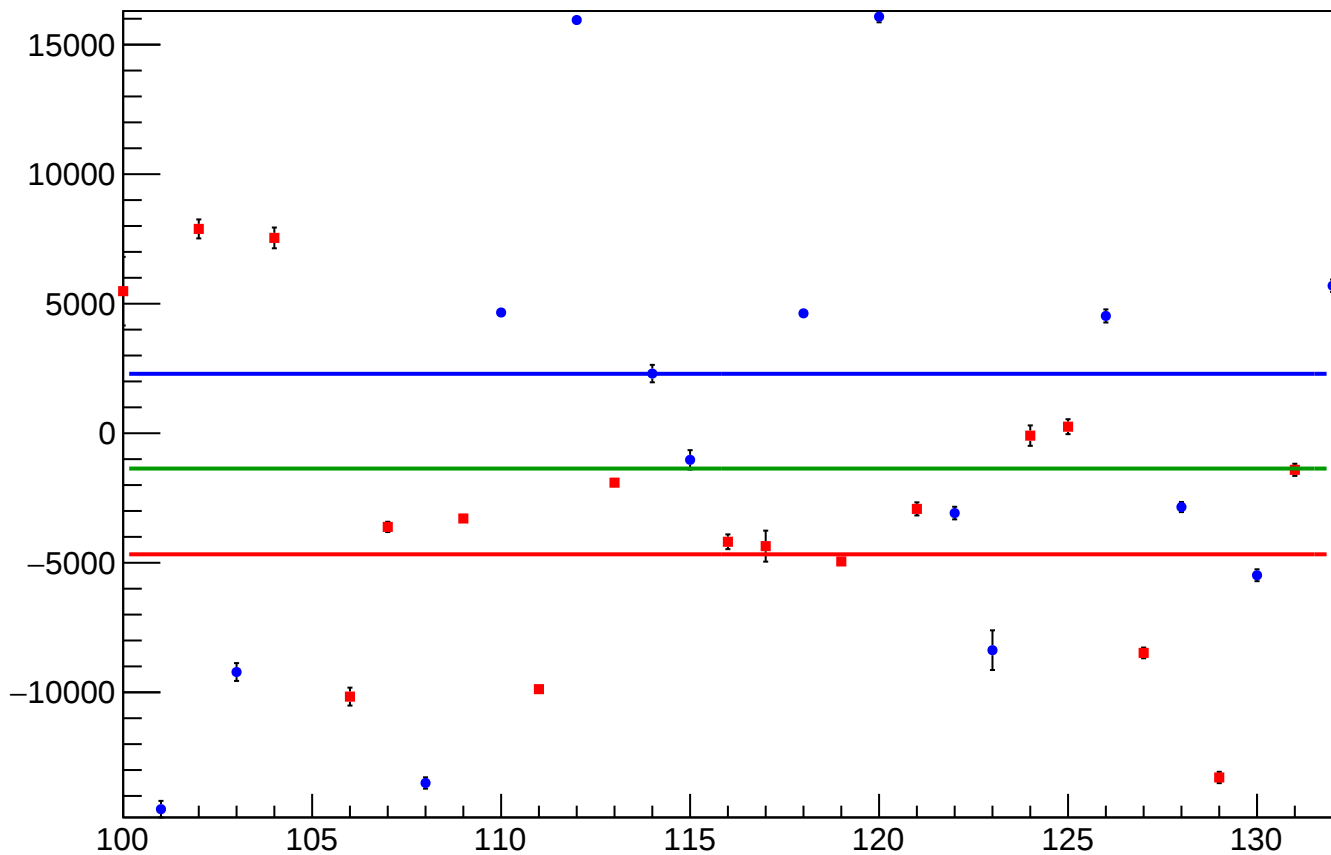
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

213.779+/-0.066 χ^2/NDF : 615453.6/14

201.721+/-0.044 χ^2/NDF : 1769601.6/31

192.157+/-0.059 χ^2/NDF : 1095060.3/16

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2294.565+/-60.204 χ^2 /NDF: 22621.9/14

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

Right Out: -4673.223+/-57.277 χ^2 /NDF: 6455.5/16

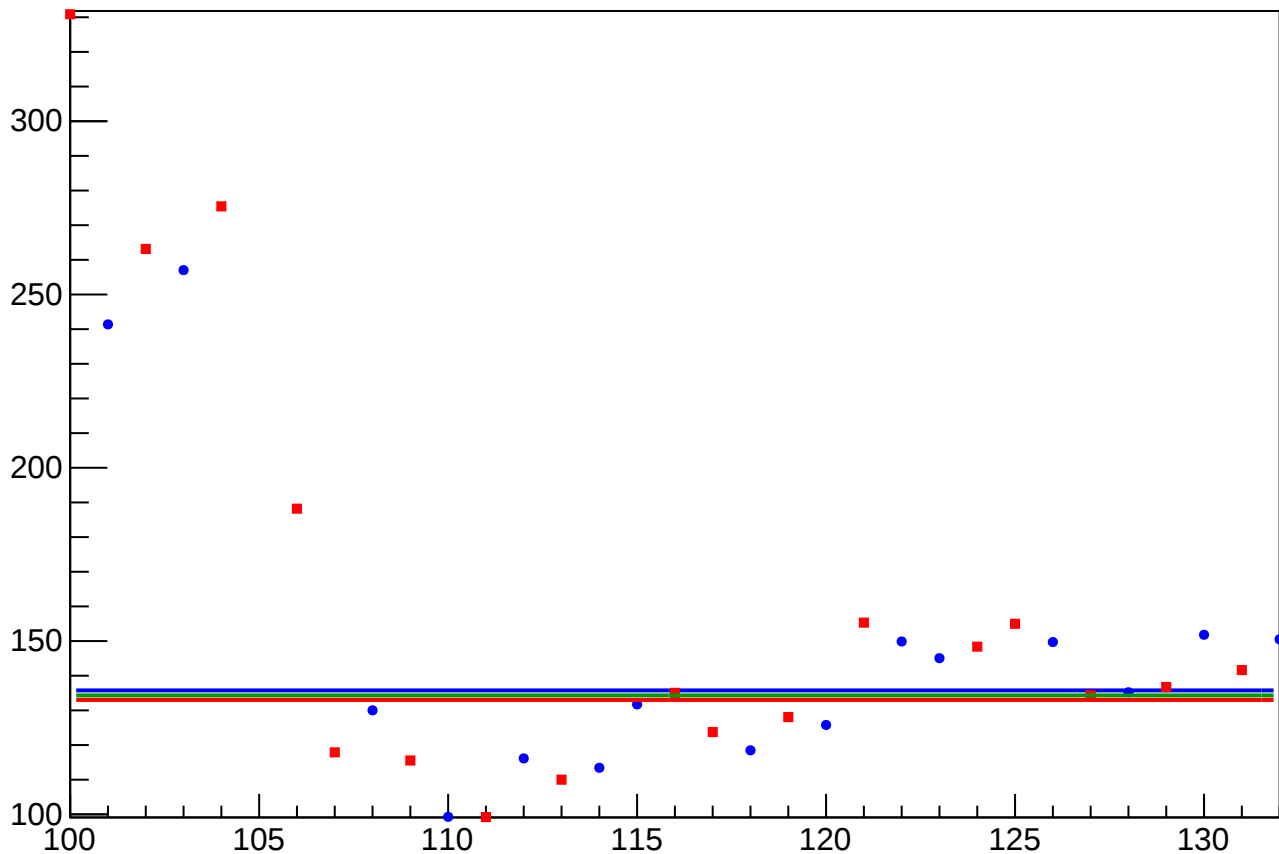
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2294.565+/-60.204 χ^2 /NDF: 22621.9/14

-1362.831+/-41.497 χ^2 /NDF: 36108.4/31

-4673.223+/-57.277 χ^2 /NDF: 6455.5/16

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.759+/-0.043 χ^2/NDF : 649777.0/14

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

Right Out: 133.010+/-0.041 χ^2/NDF : 801776.0/16

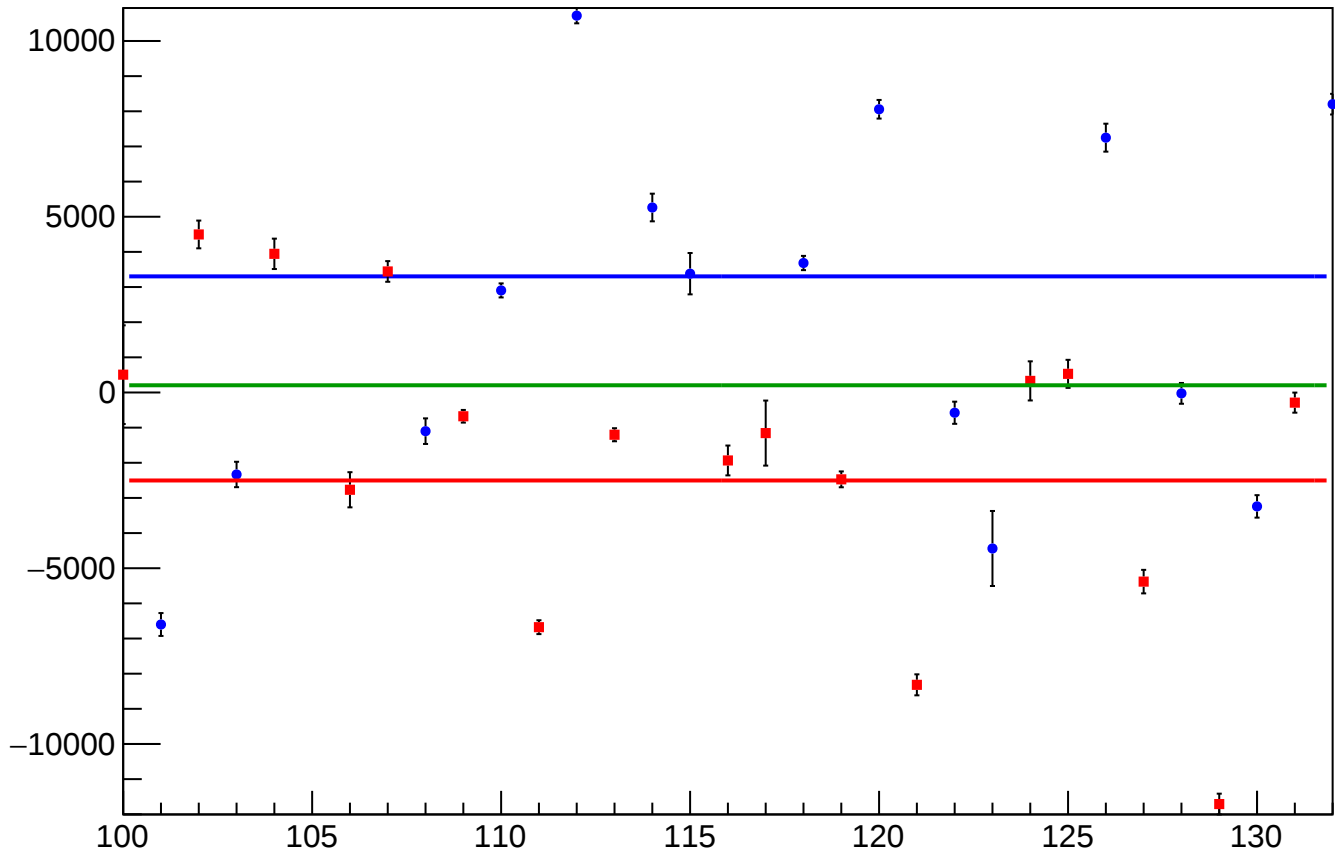
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.759+/-0.043 χ^2/NDF : 649777.0/14

134.316+/-0.029 χ^2/NDF : 1453740.8/31

133.010+/-0.041 χ^2/NDF : 801776.0/16

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3303.373 +/- 76.971 χ^2/NDF : 3954.5/14

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

Right Out: -2503.314 +/- 71.965 χ^2/NDF : 3120.9/16

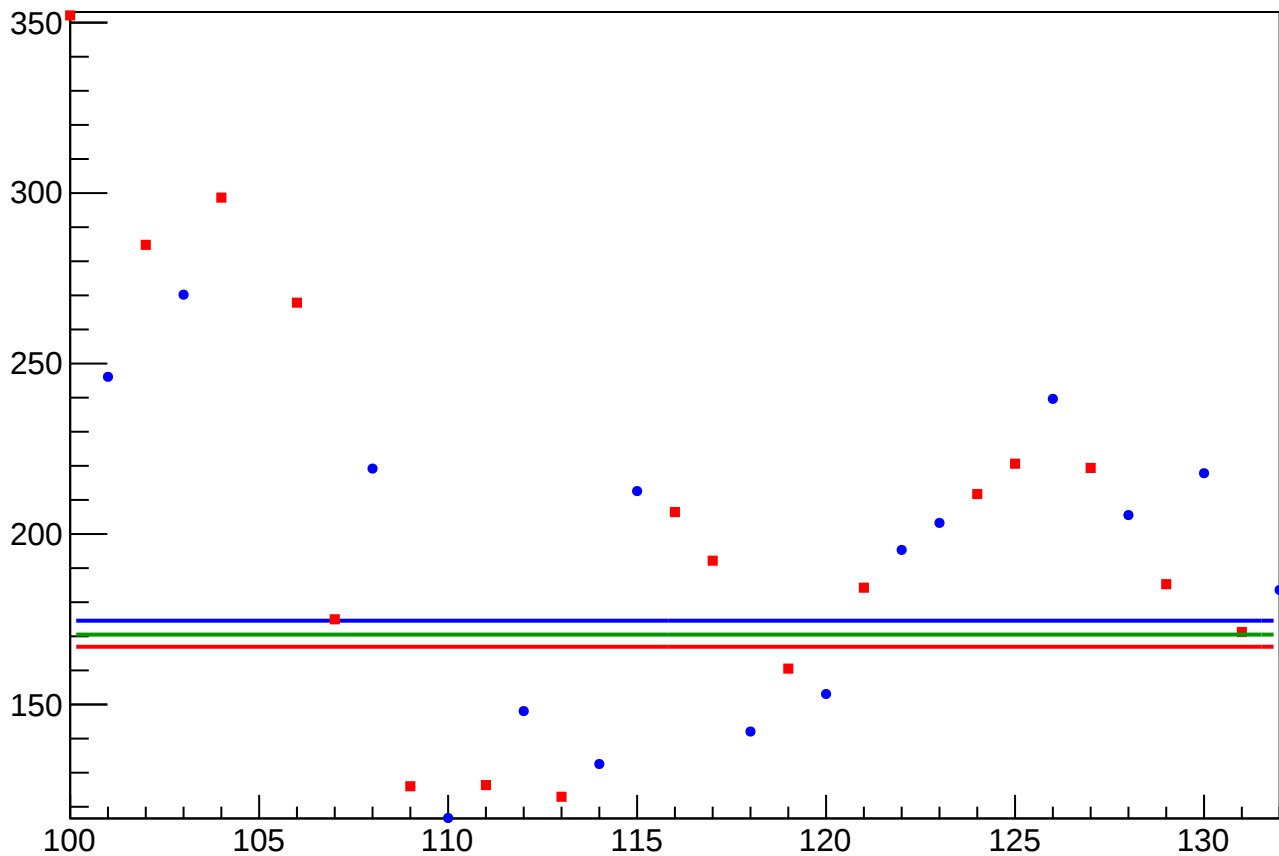
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

3303.373 +/- 76.971 χ^2/NDF : 3954.5/14

205.076 +/- 52.567 χ^2/NDF : 10112.1/31

-2503.314 +/- 71.965 χ^2/NDF : 3120.9/16

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 174.583 $\pm$ 0.054 χ^2 /NDF: 684200.8/14

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

Right Out: 166.942 $\pm$ 0.051 χ^2 /NDF: 915773.4/16

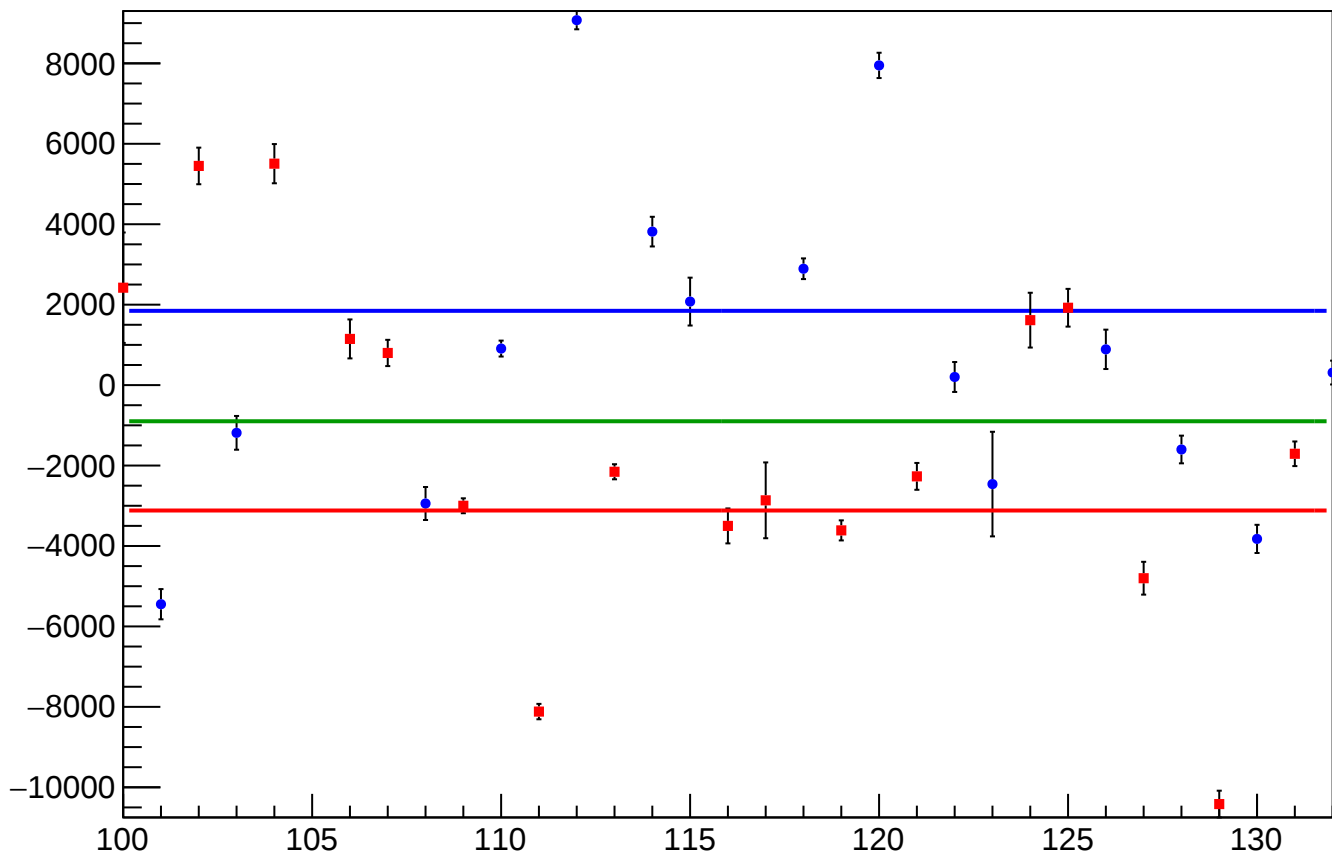
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

174.583 $\pm$ 0.054 χ^2 /NDF: 684200.8/14

170.506 $\pm$ 0.037 χ^2 /NDF: 1610491.4/31

166.942 $\pm$ 0.051 χ^2 /NDF: 915773.4/16

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1846.728+/-84.851 χ^2/NDF : 2443.0/14

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

Right Out: -3117.749+/-76.283 χ^2/NDF : 2308.3/16

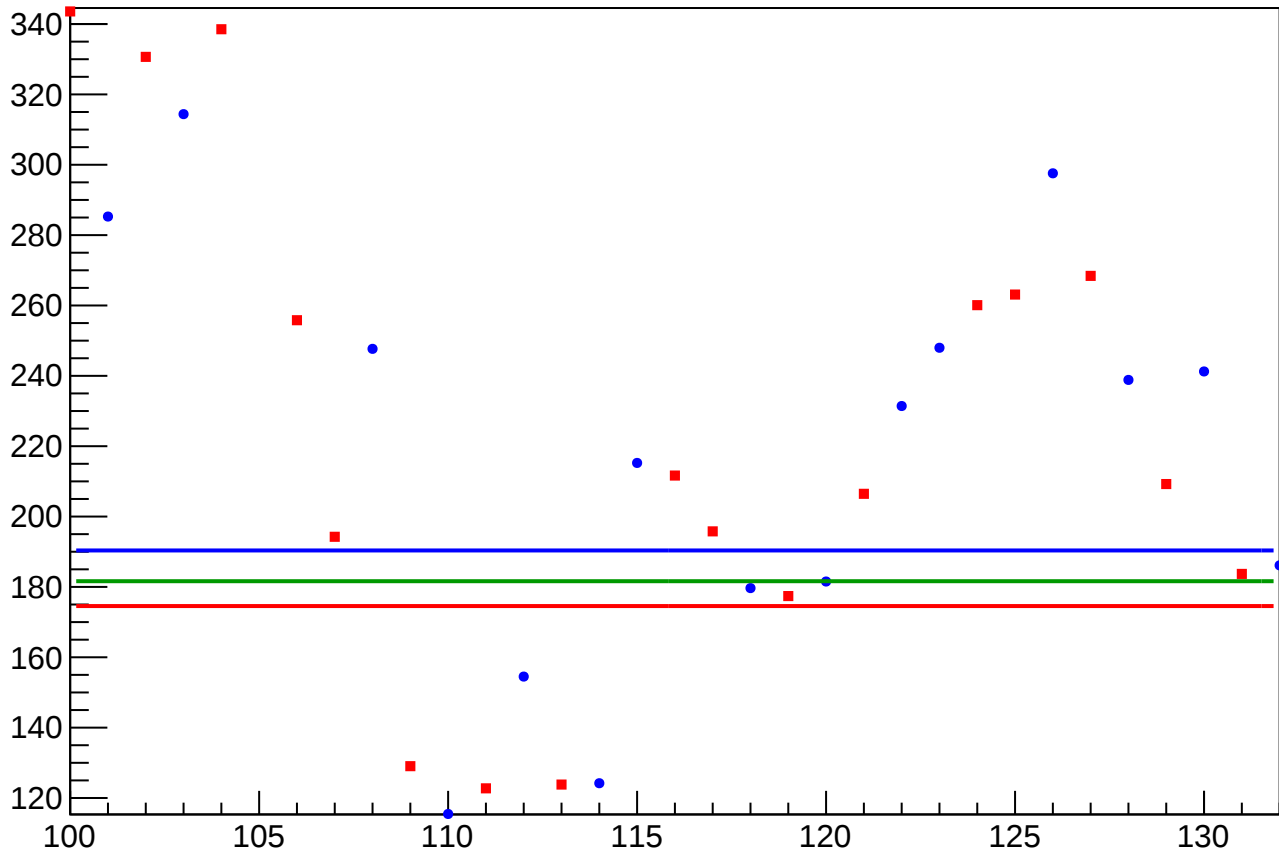
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1846.728+/-84.851 χ^2/NDF : 2443.0/14

-898.730+/-56.728 χ^2/NDF : 6644.5/31

-3117.749+/-76.283 χ^2/NDF : 2308.3/16

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 190.364 $\pm$ 0.060 χ^2 /NDF: 956131.4/14

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

Right Out: 174.559 $\pm$ 0.054 χ^2 /NDF: 1235008.9/16

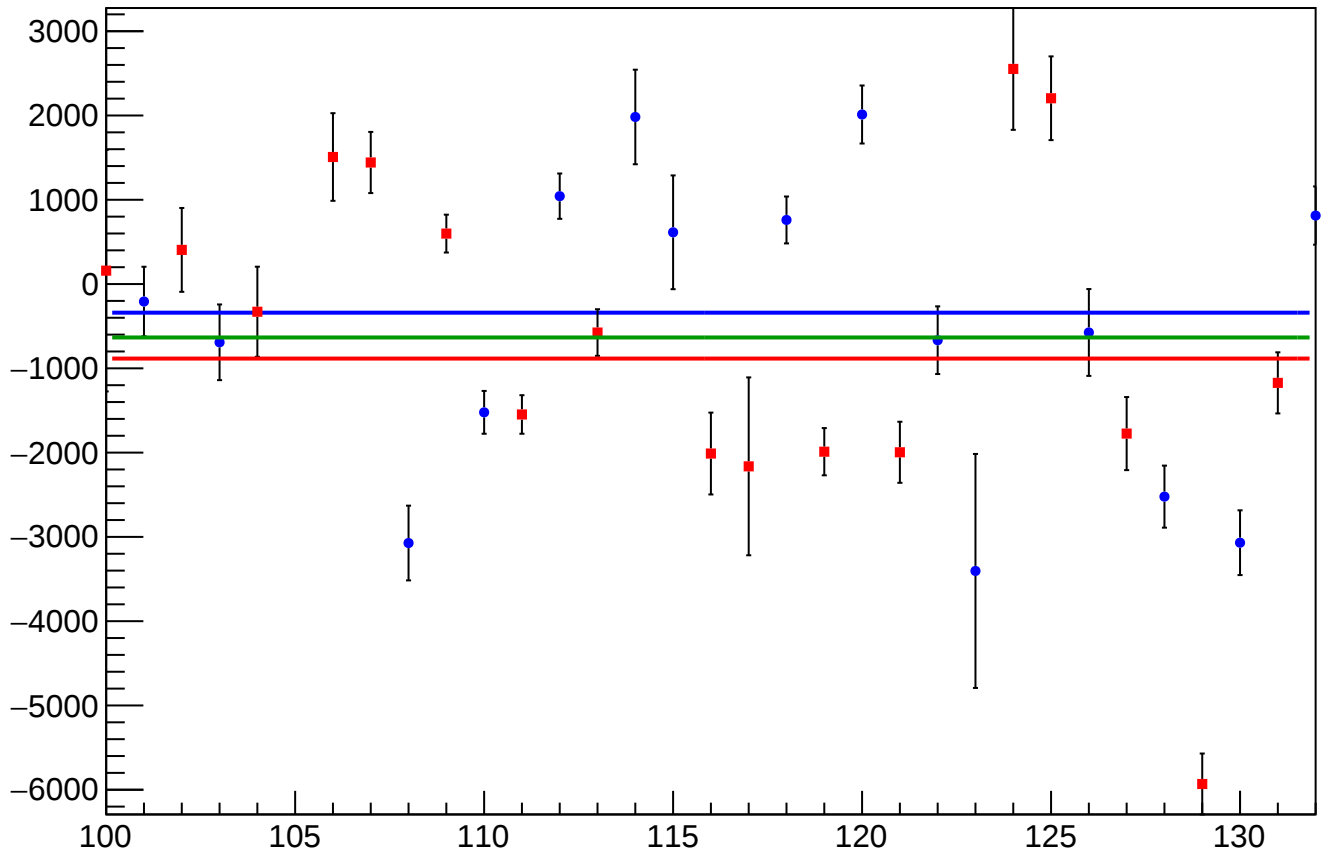
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

190.364 $\pm$ 0.060 χ^2 /NDF: 956131.4/14

181.624 $\pm$ 0.040 χ^2 /NDF: 2229518.0/31

174.559 $\pm$ 0.054 χ^2 /NDF: 1235008.9/16

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -339.636+/-97.586 χ^2/NDF : 270.7/14

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

Right Out: -884.136+/-90.025 χ^2/NDF : 416.9/16

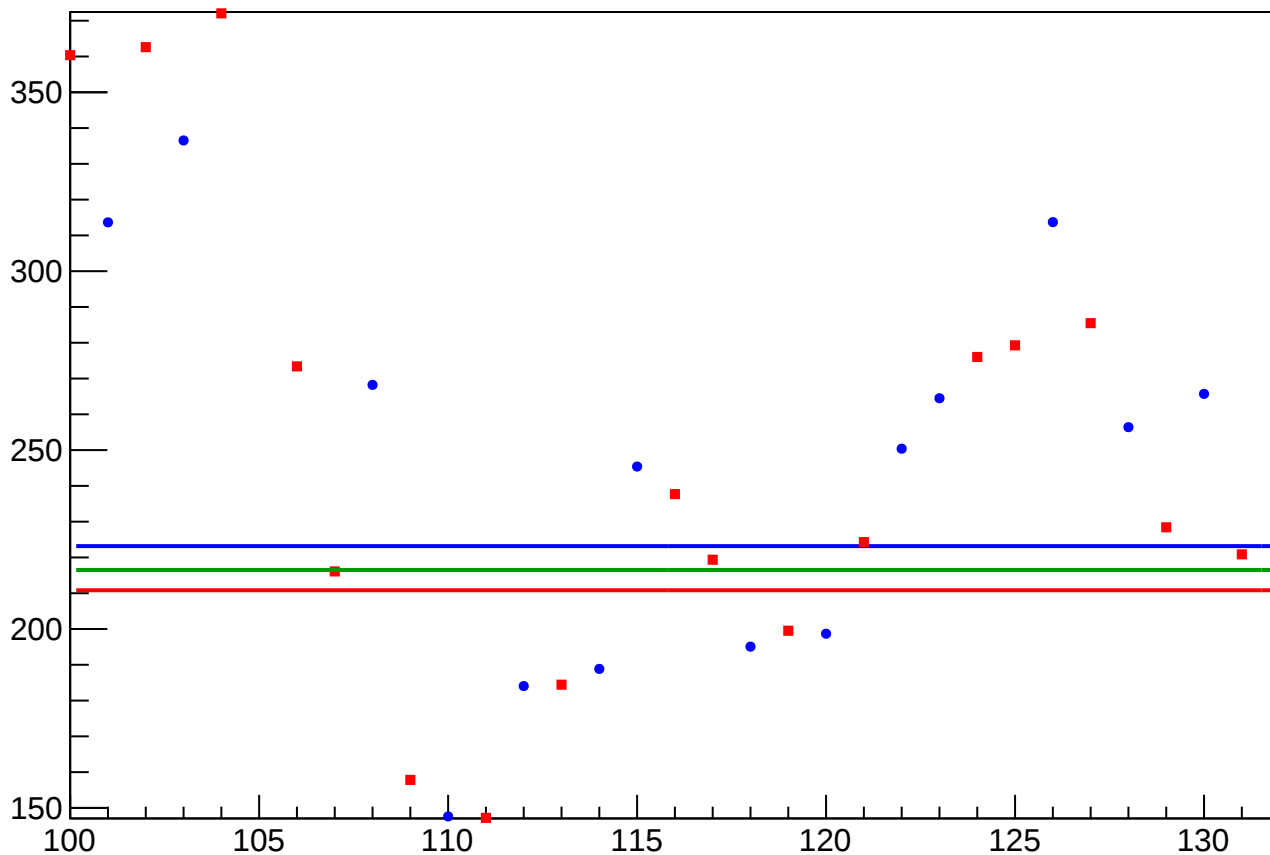
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-339.636+/-97.586 χ^2/NDF : 270.7/14

-633.795+/-66.169 χ^2/NDF : 704.4/31

-884.136+/-90.025 χ^2/NDF : 416.9/16

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 223.164+/-0.069 χ^2/NDF : 617967.4/14

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

Right Out: 210.829+/-0.064 χ^2/NDF : 835831.5/16

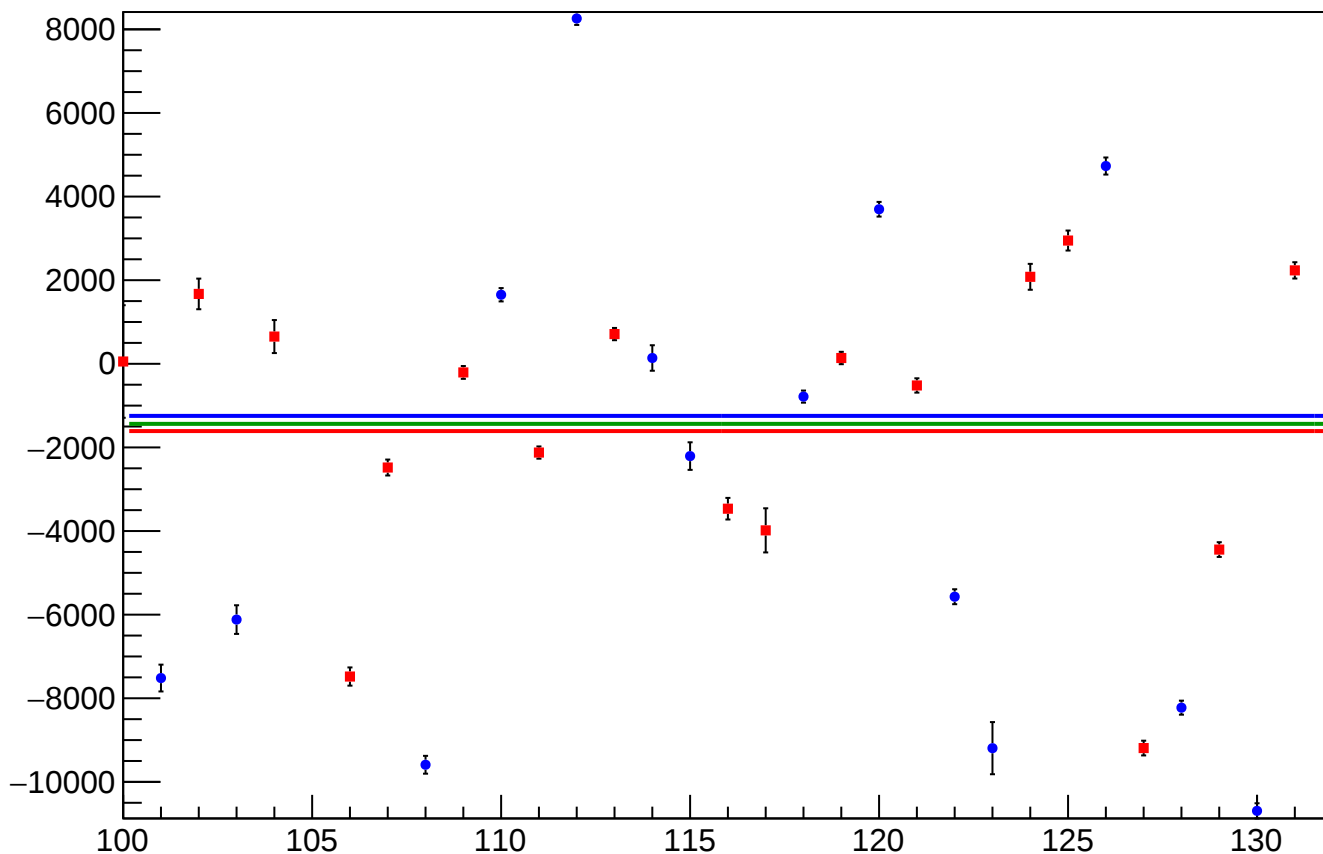
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

223.164+/-0.069 χ^2/NDF : 617967.4/14

216.500+/-0.047 χ^2/NDF : 1471059.7/31

210.829+/-0.064 χ^2/NDF : 835831.5/16

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1245.636+/-51.609 χ^2/NDF : 13677.8/14

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

Right Out: -1608.955+/-49.060 χ^2/NDF : 4459.4/16

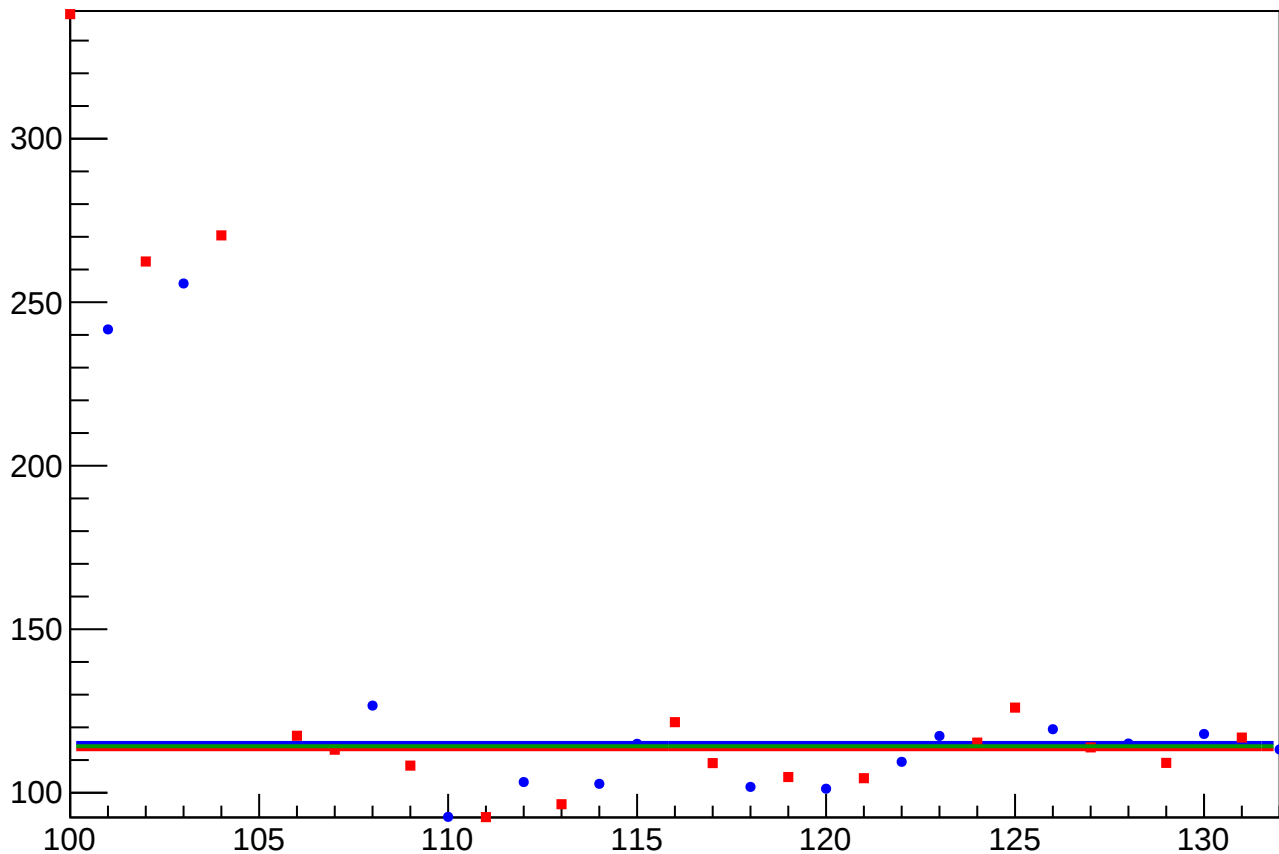
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1245.636+/-51.609 χ^2/NDF : 13677.8/14

-1436.490+/-35.558 χ^2/NDF : 18163.2/31

-1608.955+/-49.060 χ^2/NDF : 4459.4/16

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.231+/-0.036 χ^2/NDF : 741636.5/14

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

Right Out: 113.313+/-0.035 χ^2/NDF : 795099.7/16

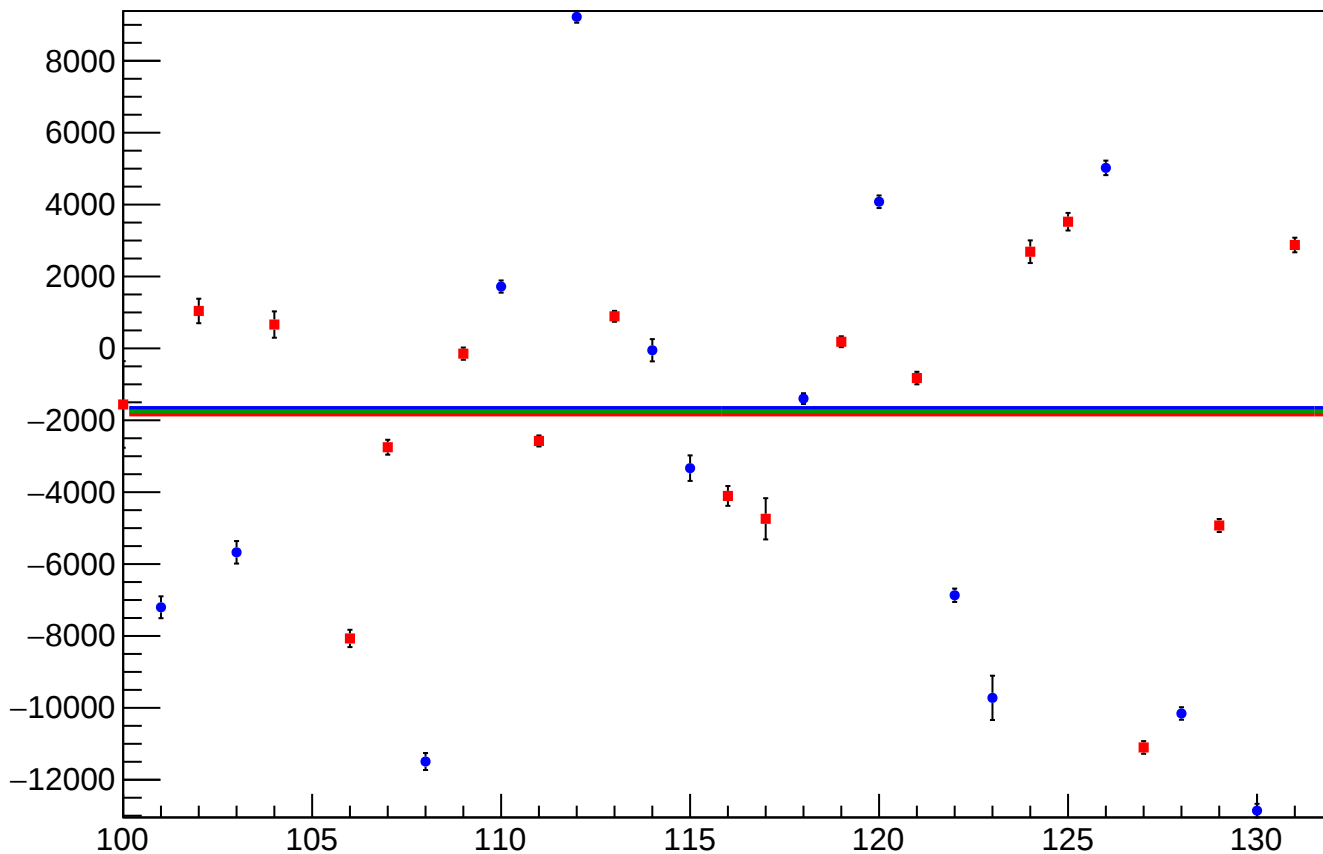
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.231+/-0.036 χ^2/NDF : 741636.5/14

114.223+/-0.025 χ^2/NDF : 1538188.0/31

113.313+/-0.035 χ^2/NDF : 795099.7/16

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1659.852 $\pm$ 53.189 χ^2 /NDF: 16852.7/14

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

Right Out: -1836.840 $\pm$ 50.997 χ^2 /NDF: 5835.8/16

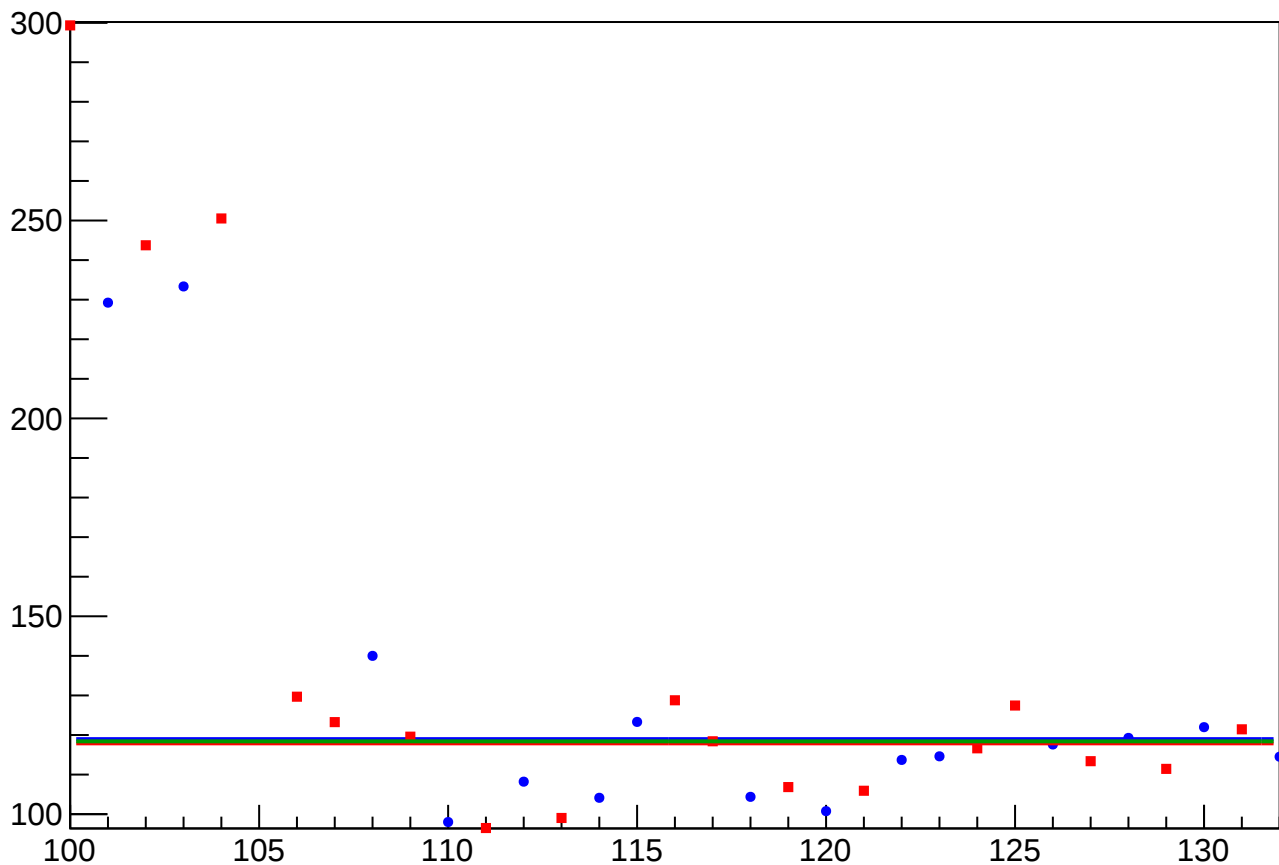
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-1659.852 $\pm$ 53.189 χ^2 /NDF: 16852.7/14

-1752.068 $\pm$ 36.811 χ^2 /NDF: 22694.2/31

-1836.840 $\pm$ 50.997 χ^2 /NDF: 5835.8/16

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.956+/-0.038 χ^2/NDF : 633870.2/14

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

Right Out: 117.898+/-0.036 χ^2/NDF : 686901.8/16

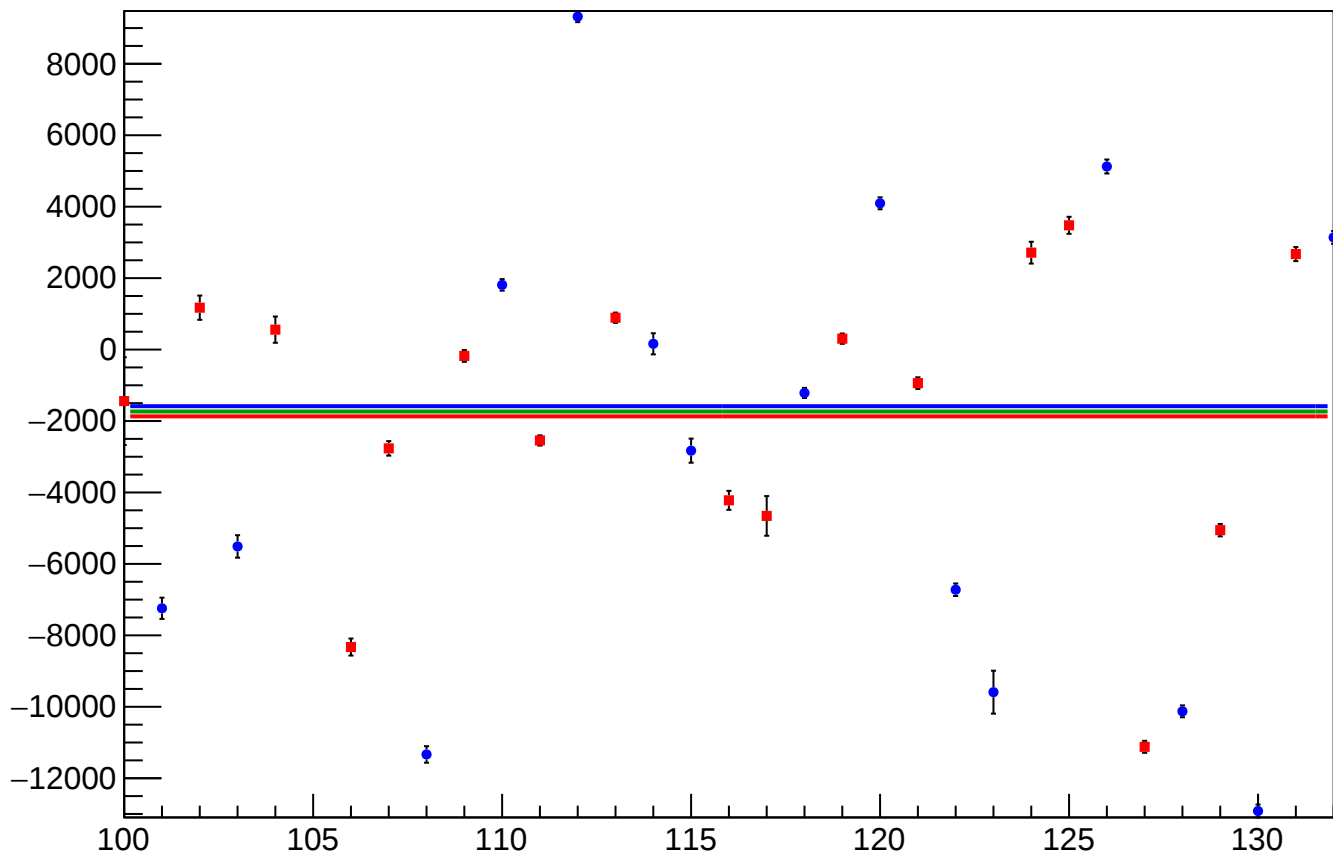
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.956+/-0.038 χ^2/NDF : 633870.2/14

118.405+/-0.026 χ^2/NDF : 1321184.4/31

117.898+/-0.036 χ^2/NDF : 686901.8/16

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1585.264+/-51.013 χ^2 /NDF: 18329.0/14

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

Right Out: -1869.930+/-48.904 χ^2 /NDF: 6343.9/16

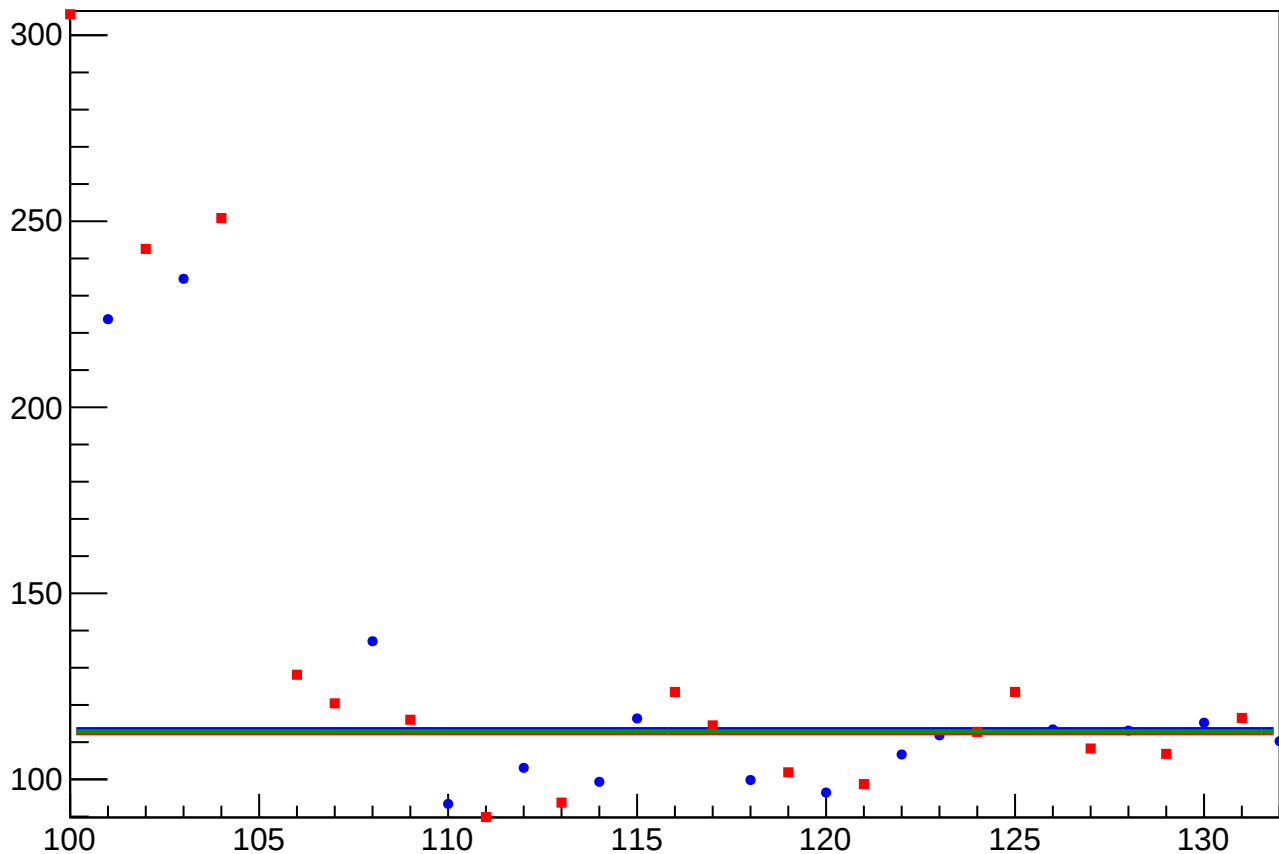
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1585.264+/-51.013 χ^2 /NDF: 18329.0/14

-1733.601+/-35.302 χ^2 /NDF: 24689.1/31

-1869.930+/-48.904 χ^2 /NDF: 6343.9/16

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.521+/-0.036 χ^2/NDF : 678729.7/14

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

Right Out: 112.408+/-0.035 χ^2/NDF : 760862.2/16

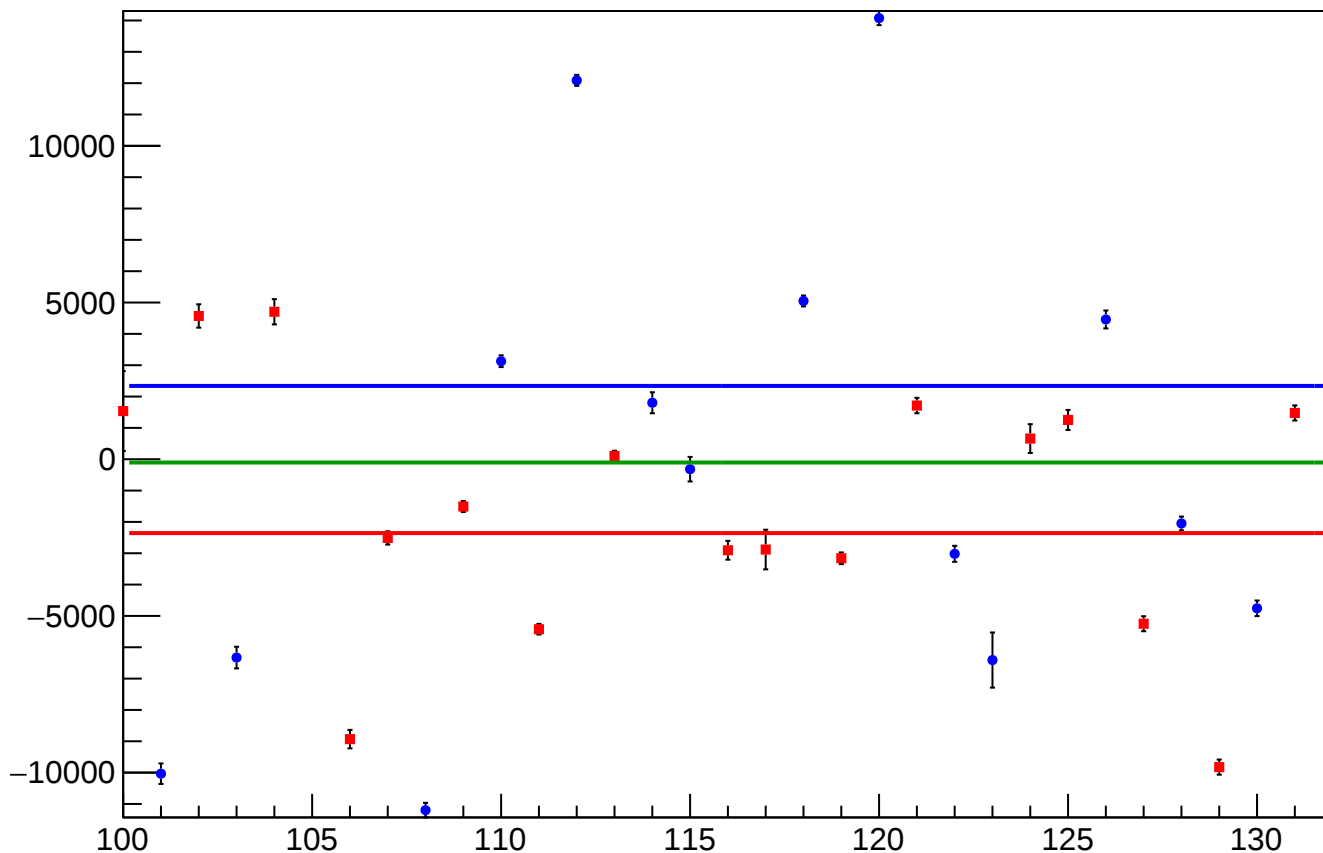
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.521+/-0.036 χ^2/NDF : 678729.7/14

112.941+/-0.025 χ^2/NDF : 1440087.8/31

112.408+/-0.035 χ^2/NDF : 760862.2/16

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2338.966+/-62.718 χ^2/NDF : 13546.6/14

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

Right Out: -2356.383+/-60.198 χ^2/NDF : 3549.8/16

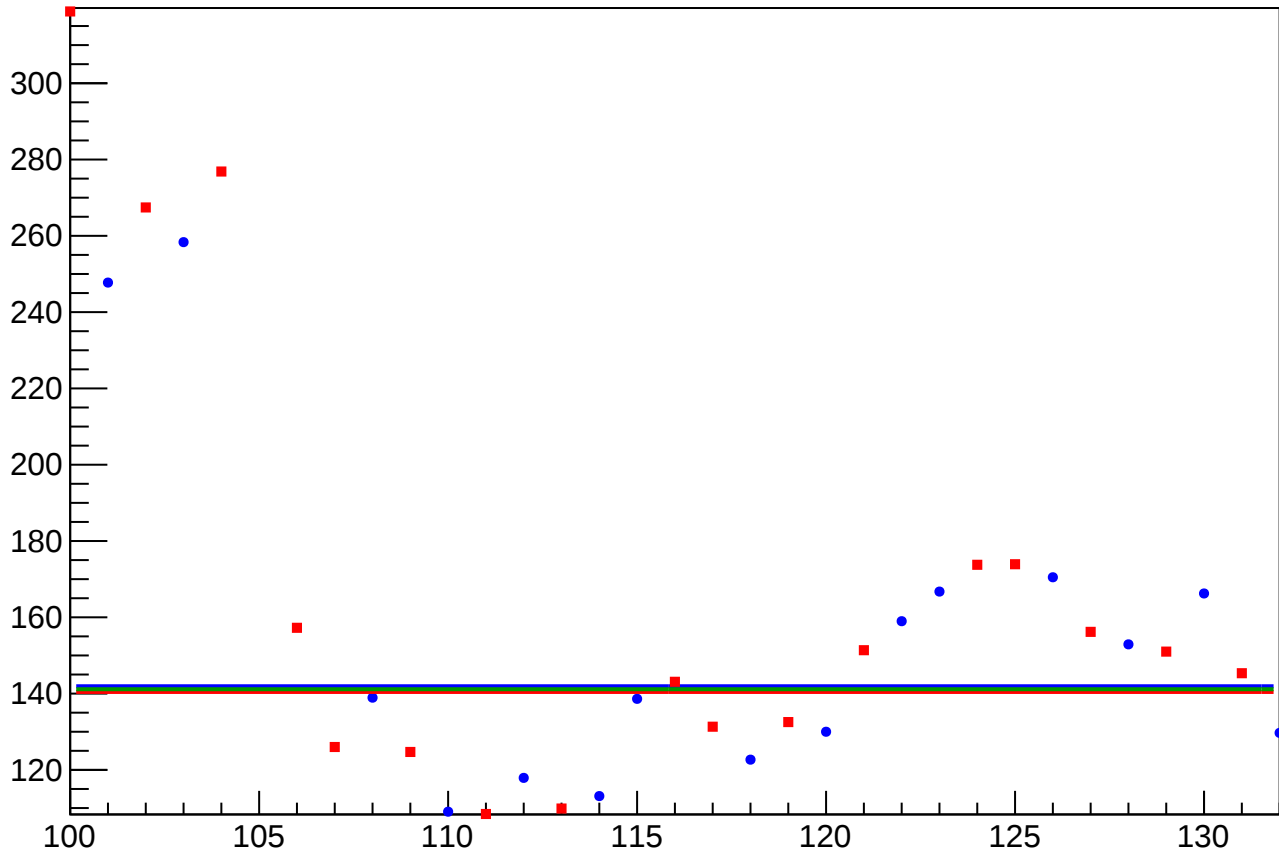
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2338.966+/-62.718 χ^2/NDF : 13546.6/14

-104.960+/-43.430 χ^2/NDF : 20013.6/31

-2356.383+/-60.198 χ^2/NDF : 3549.8/16

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.926+/-0.044 χ^2/NDF : 639807.2/14

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

Right Out: 140.434+/-0.043 χ^2/NDF : 723390.6/16

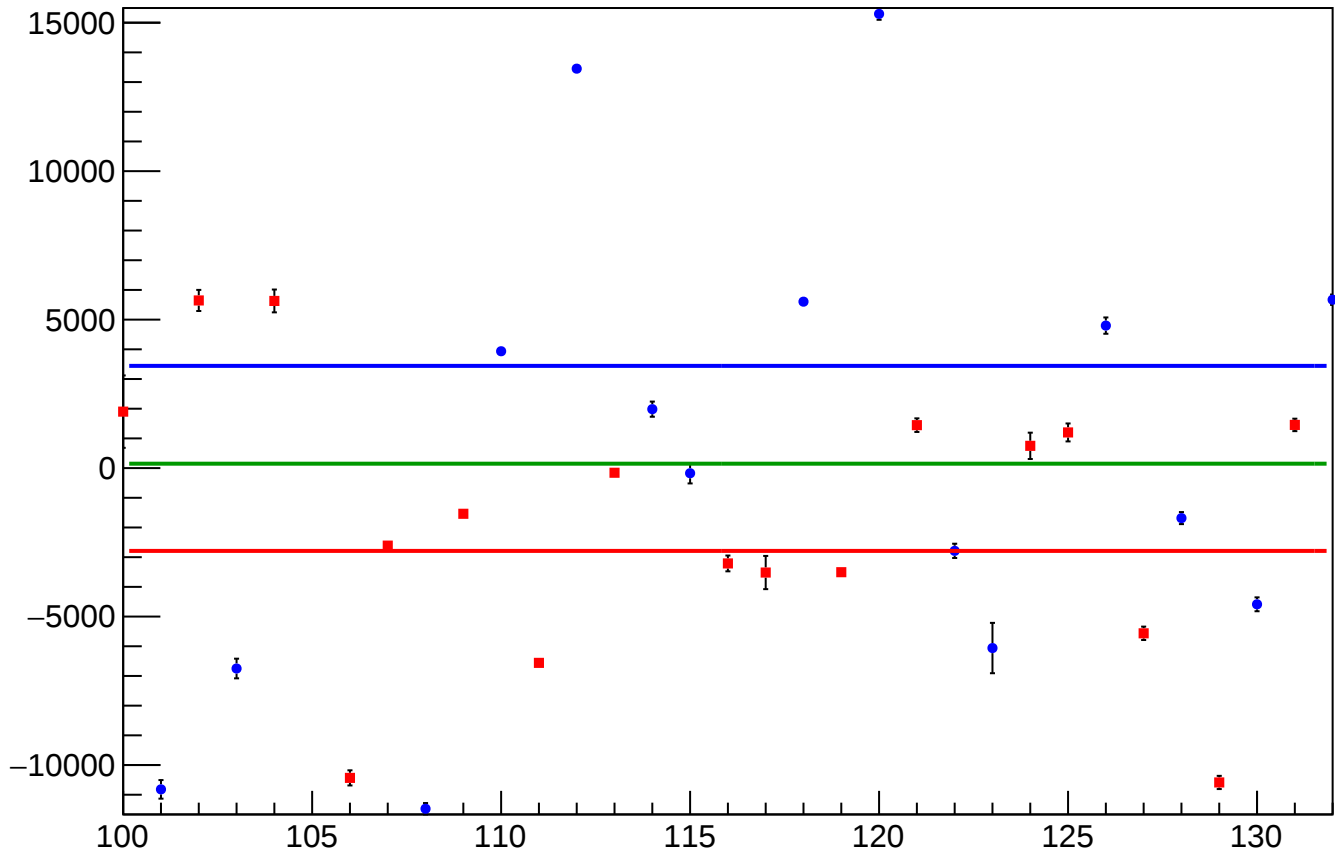
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.926+/-0.044 χ^2/NDF : 639807.2/14

141.150+/-0.031 χ^2/NDF : 1363787.1/31

140.434+/-0.043 χ^2/NDF : 723390.6/16

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3442.501+/-52.696 χ^2/NDF : 21486.2/14

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

Right Out: -2788.855+/-49.761 χ^2/NDF : 5841.4/16

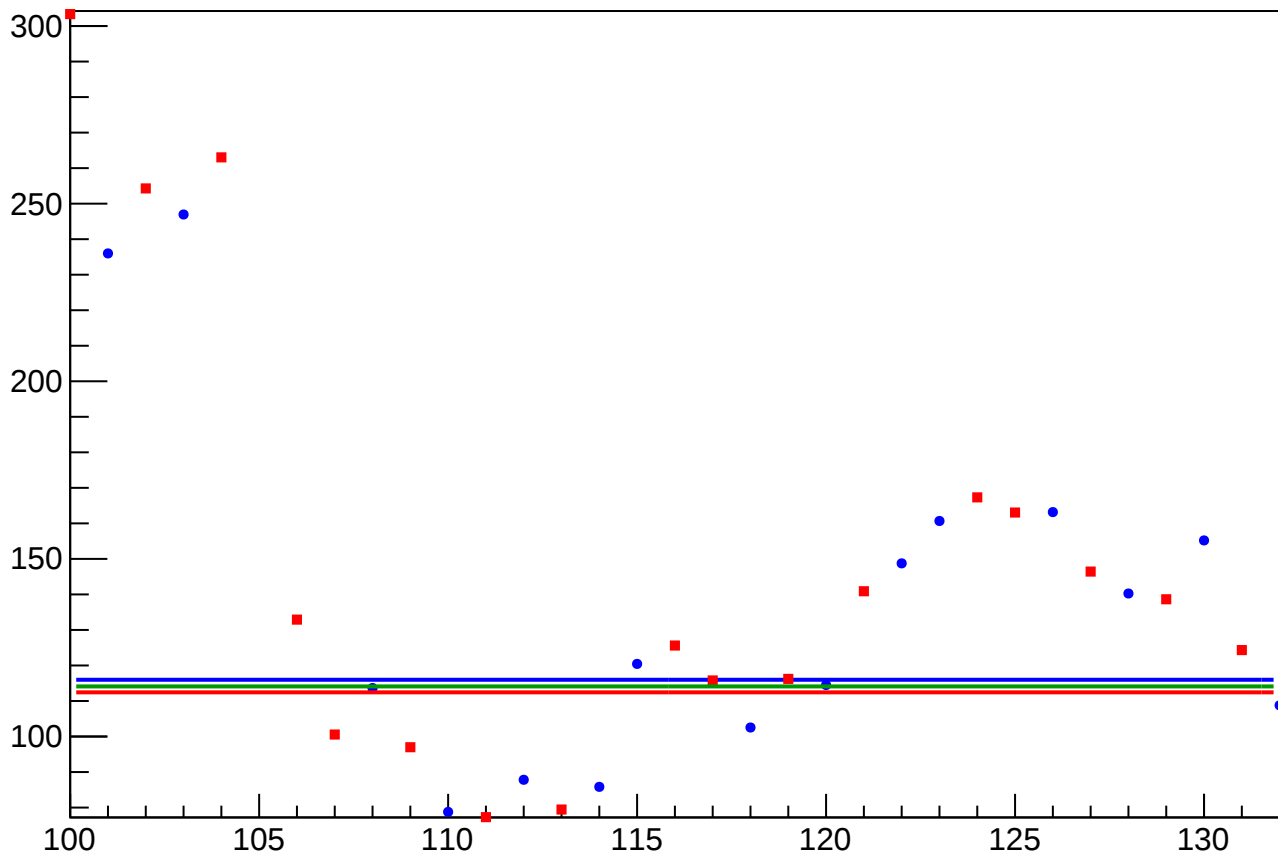
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3442.501+/-52.696 χ^2/NDF : 21486.2/14

148.486+/-36.180 χ^2/NDF : 34719.4/31

-2788.855+/-49.761 χ^2/NDF : 5841.4/16

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 115.977+/-0.037 χ^2/NDF : 1079852.7/14

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

Right Out: 112.433+/-0.035 χ^2/NDF : 1236111.6/16

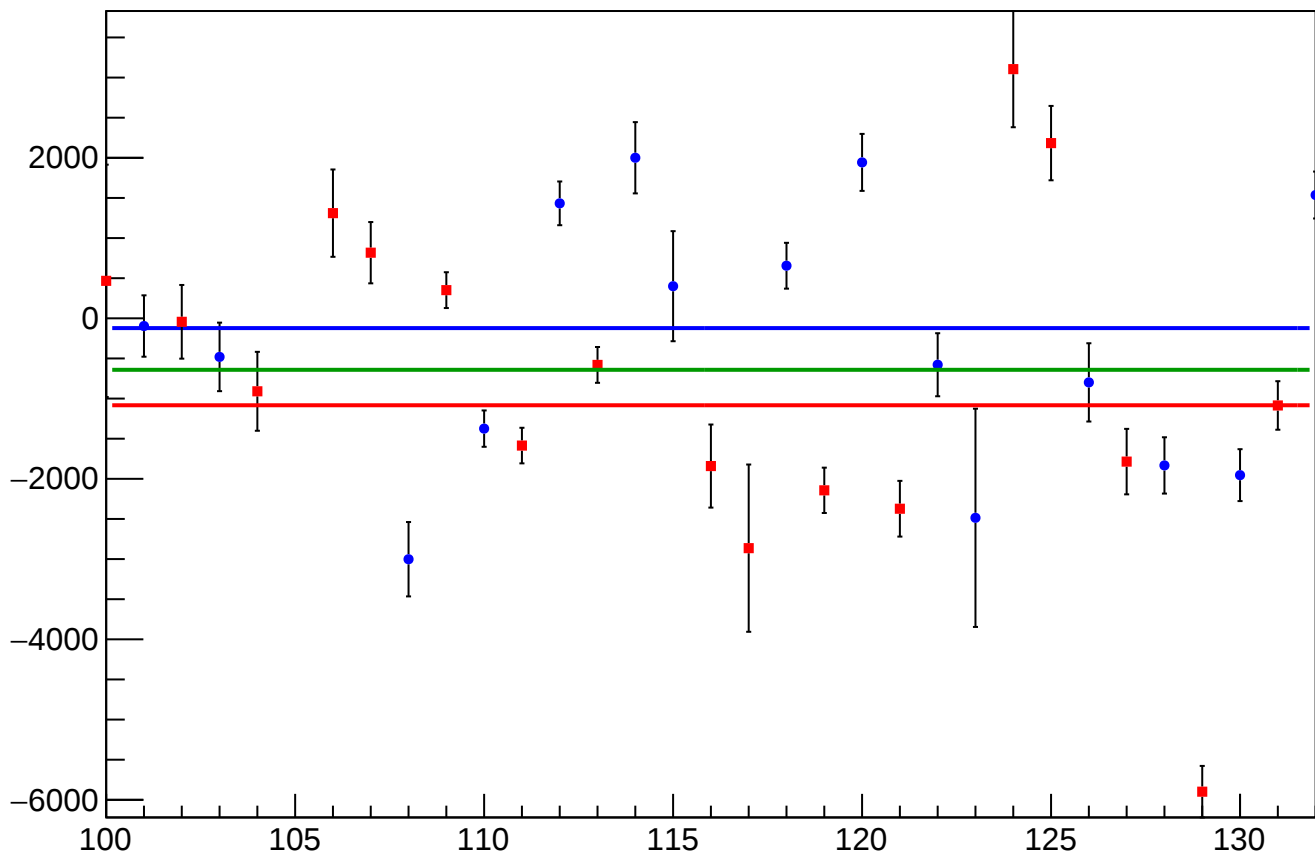
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.977+/-0.037 χ^2/NDF : 1079852.7/14

114.103+/-0.026 χ^2/NDF : 2320747.2/31

112.433+/-0.035 χ^2/NDF : 1236111.6/16

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -121.797+/-92.072 χ^2/NDF : 261.5/14

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

Right Out: -1083.326+/-84.887 χ^2/NDF : 446.0/16

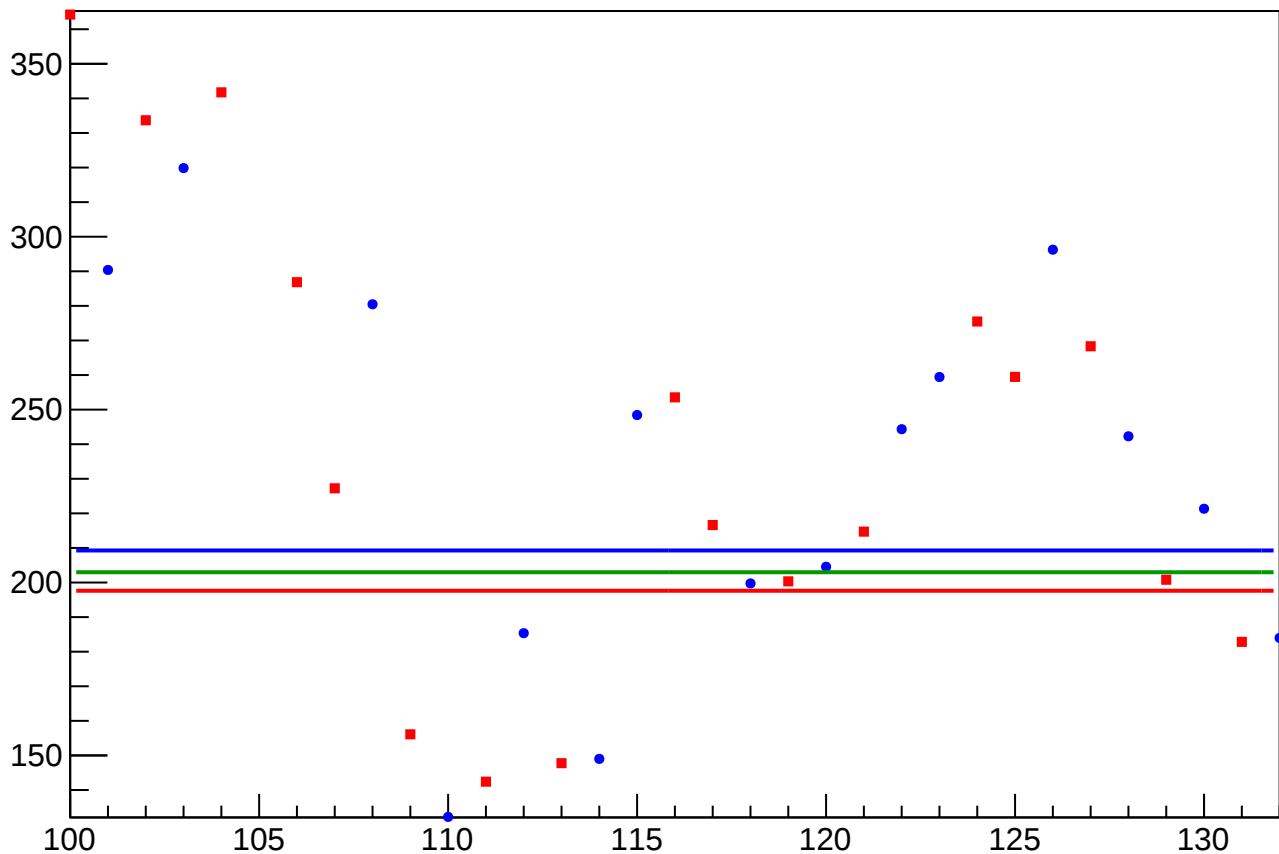
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-121.797+/-92.072 χ^2/NDF : 261.5/14

-641.536+/-62.410 χ^2/NDF : 766.4/31

-1083.326+/-84.887 χ^2/NDF : 446.0/16

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 209.269+/-0.065 χ^2/NDF : 681951.7/14

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

Right Out: 197.627+/-0.060 χ^2/NDF : 885606.0/16

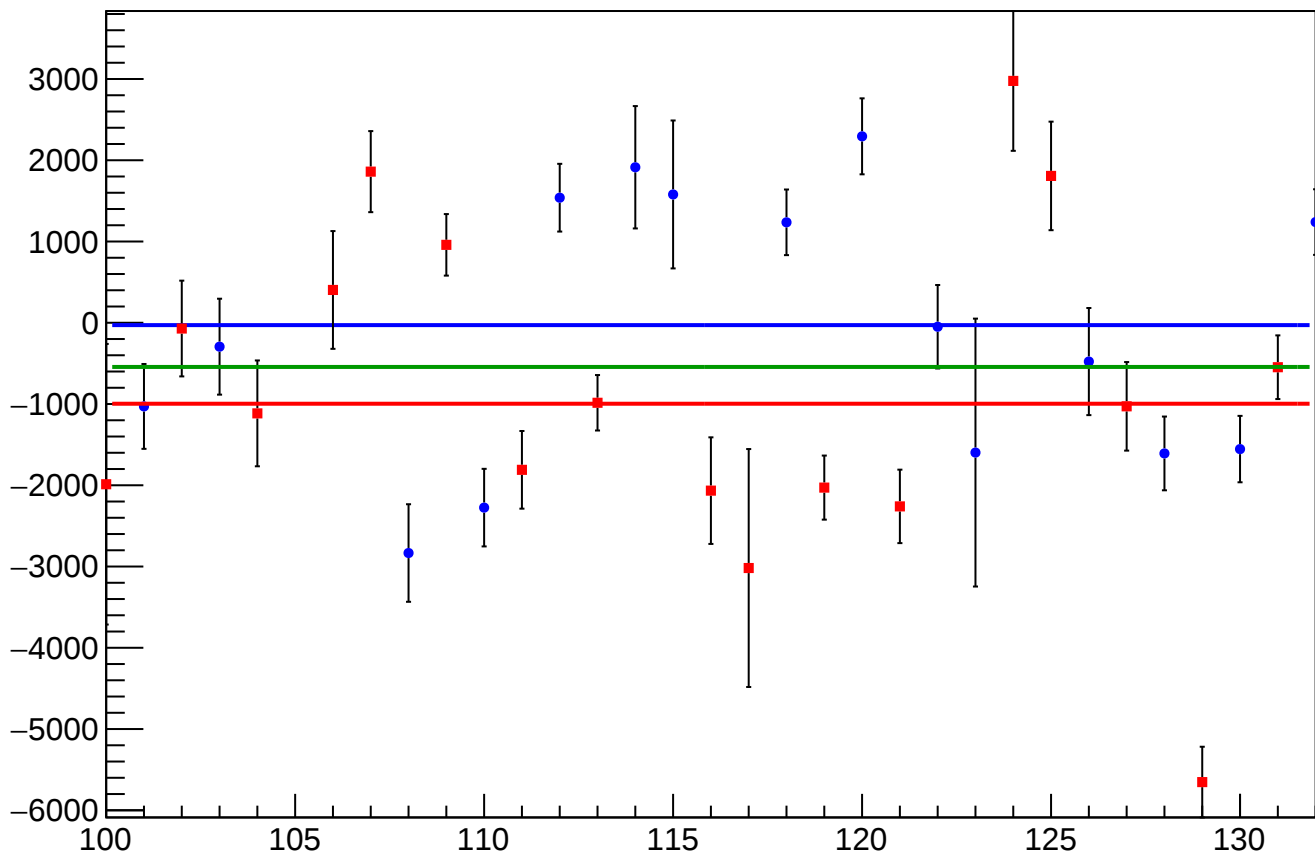
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

209.269+/-0.065 χ^2/NDF : 681951.7/14

202.976+/-0.044 χ^2/NDF : 1584843.9/31

197.627+/-0.060 χ^2/NDF : 885606.0/16

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -28.982+/-132.956 χ^2/NDF : 143.6/14

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

Right Out: -996.474+/-124.699 χ^2/NDF : 242.9/16

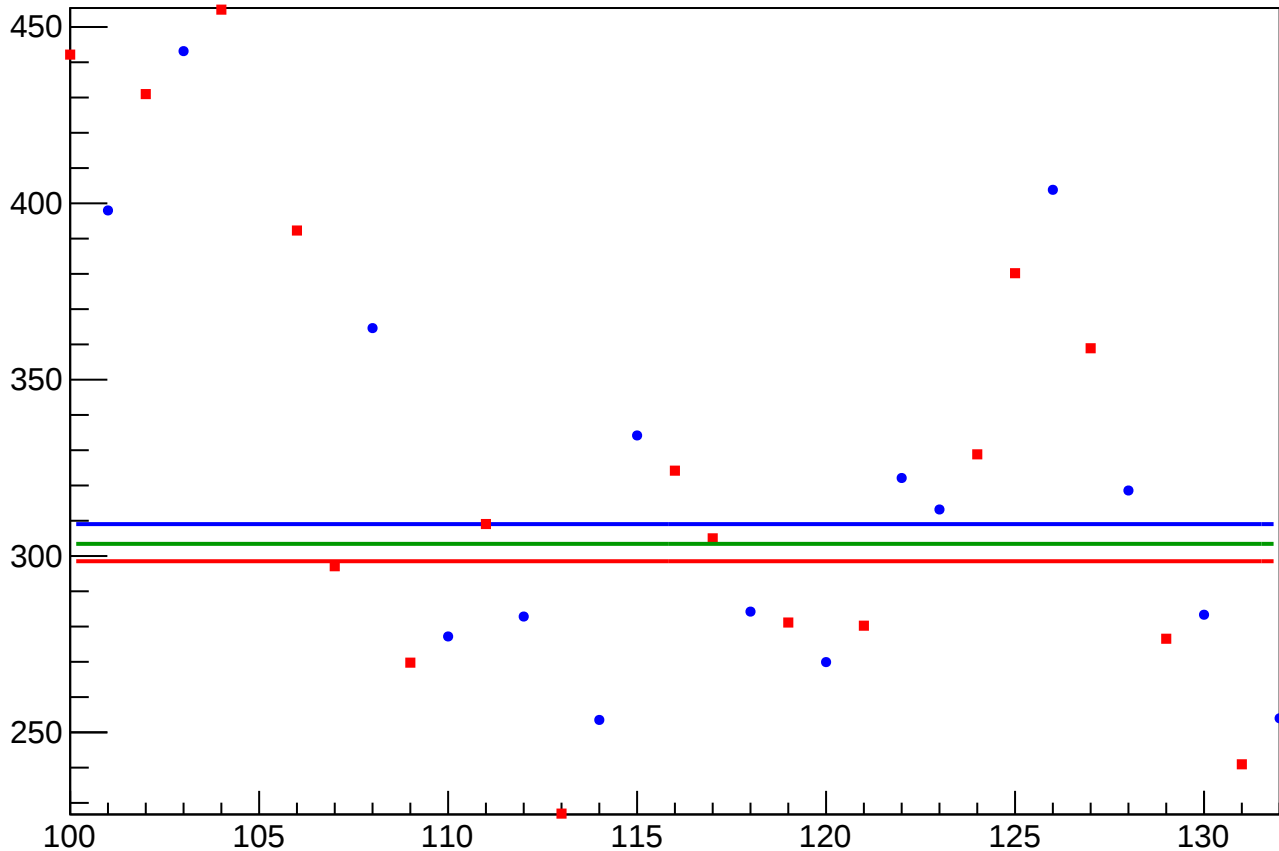
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.982+/-132.956 χ^2/NDF : 143.6/14

-543.701+/-90.955 χ^2/NDF : 414.7/31

-996.474+/-124.699 χ^2/NDF : 242.9/16

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 309.048+/-0.094 χ^2/NDF : 317810.0/14

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

Right Out: 298.524+/-0.088 χ^2/NDF : 479707.8/16

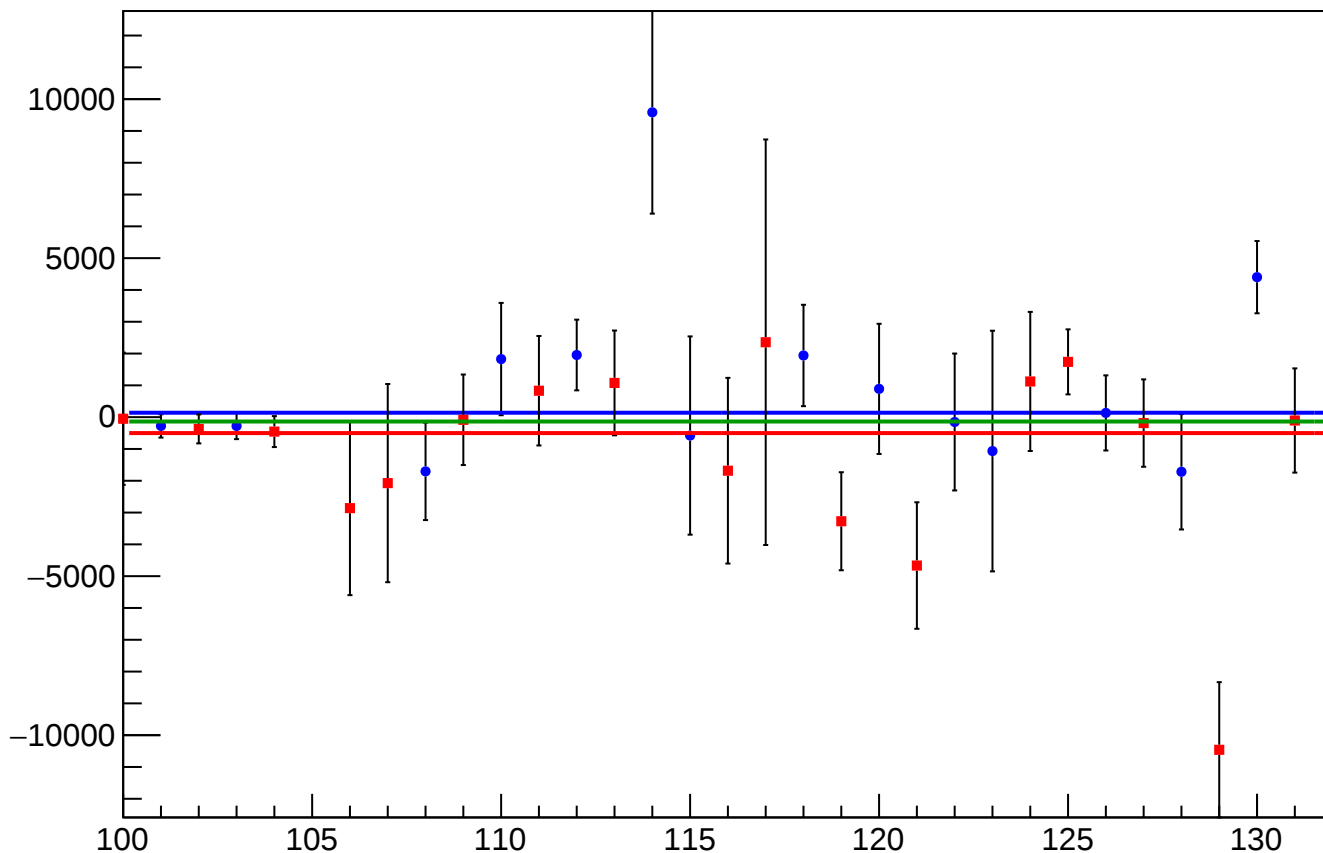
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

309.048+/-0.094 χ^2/NDF : 317810.0/14

303.449+/-0.064 χ^2/NDF : 804183.8/31

298.524+/-0.088 χ^2/NDF : 479707.8/16

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 139.226+/-234.518 χ^2/NDF : 32.8/14

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

Right Out: -500.510+/-269.019 χ^2/NDF : 38.1/16

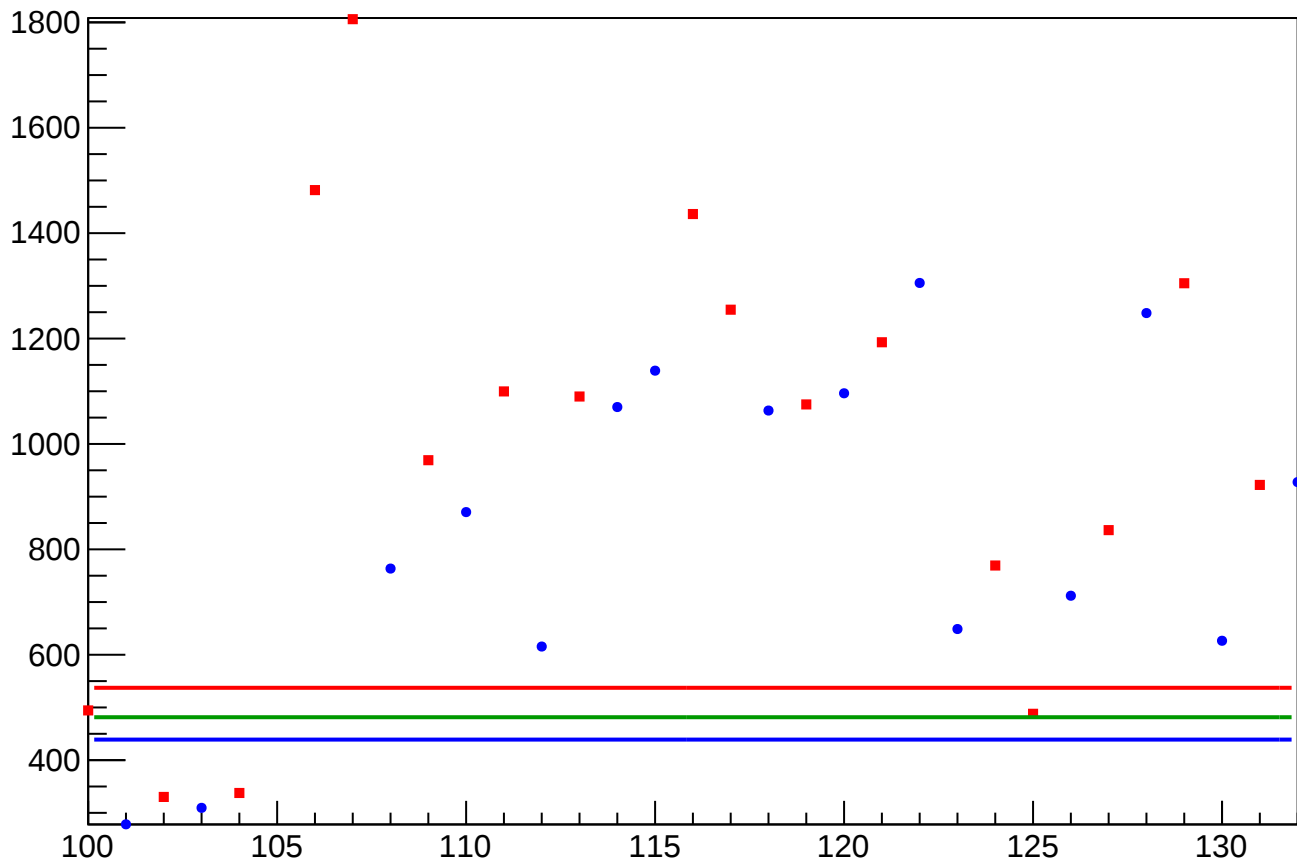
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.226+/-234.518 χ^2/NDF : 32.8/14

-137.014+/-176.777 χ^2/NDF : 74.1/31

-500.510+/-269.019 χ^2/NDF : 38.1/16

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 439.017+/-0.166 χ^2/NDF : 2625705.5/14

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

Right Out: 537.305+/-0.190 χ^2/NDF : 3112221.7/16

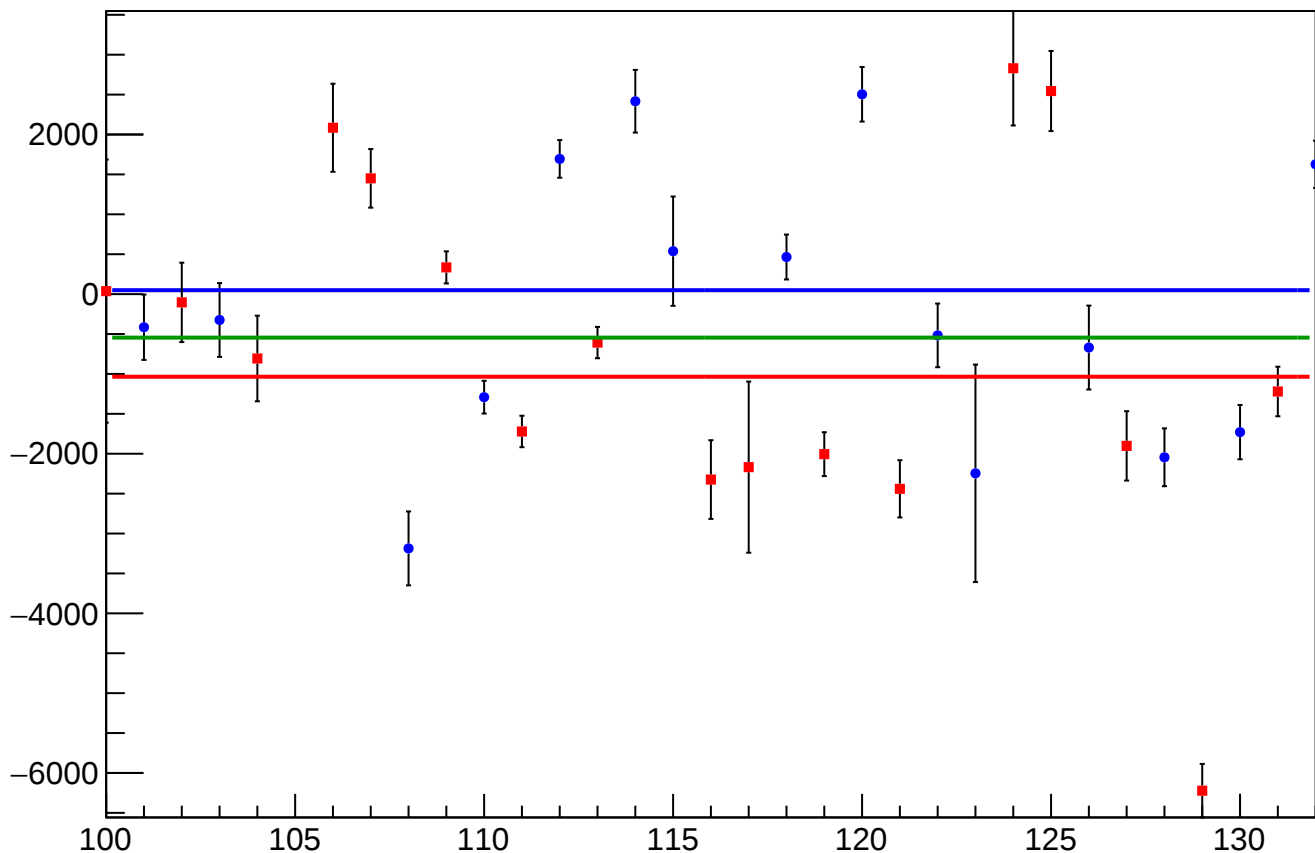
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

439.017+/-0.166 χ^2/NDF : 2625705.5/14

481.458+/-0.125 χ^2/NDF : 5889619.2/31

537.305+/-0.190 χ^2/NDF : 3112221.7/16

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 49.057+/-89.441 χ^2/NDF : 328.6/14

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

Right Out: -1035.071+/-81.237 χ^2/NDF : 504.4/16

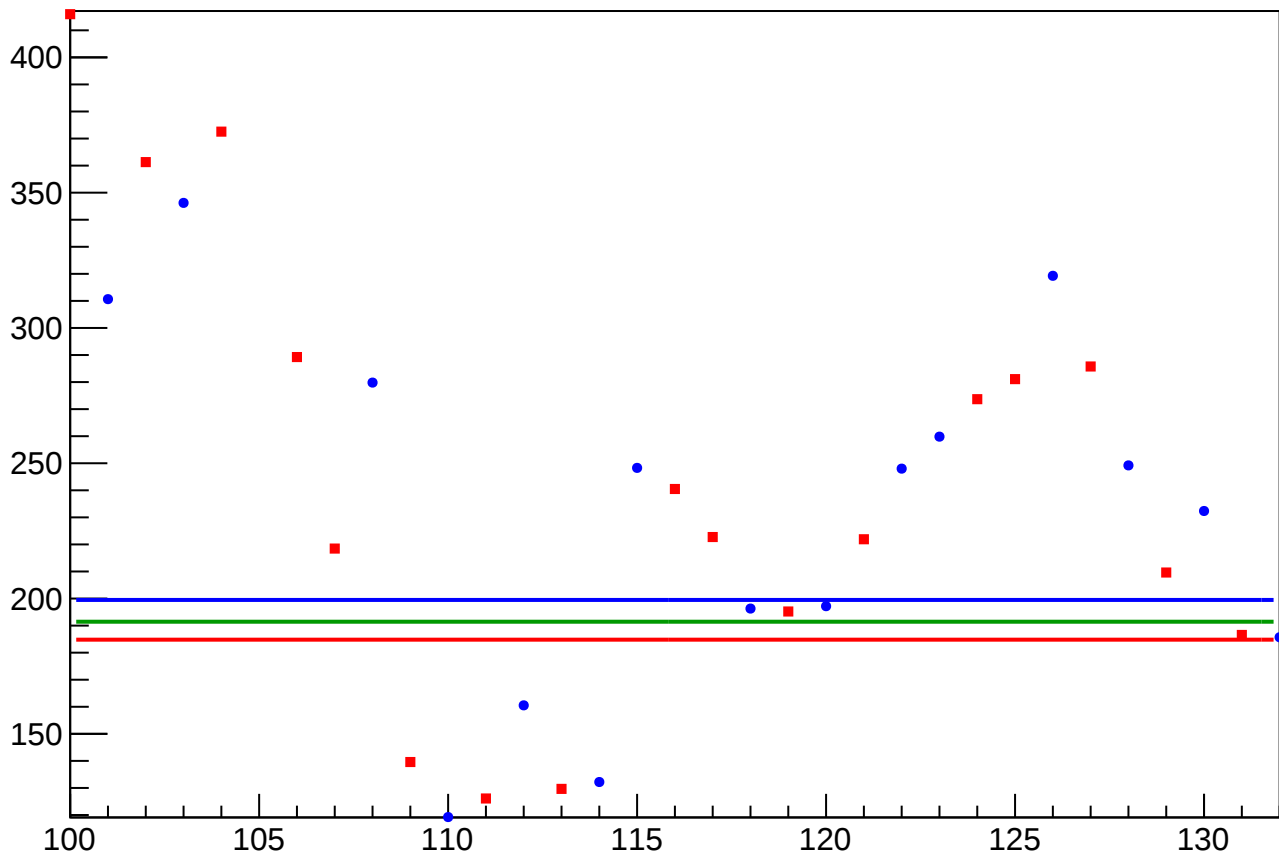
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.057+/-89.441 χ^2/NDF : 328.6/14

-545.001+/-60.135 χ^2/NDF : 913.6/31

-1035.071+/-81.237 χ^2/NDF : 504.4/16

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 199.483+/-0.063 χ^2/NDF : 1037380.8/14

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

Right Out: 184.801+/-0.057 χ^2/NDF : 1336735.7/16

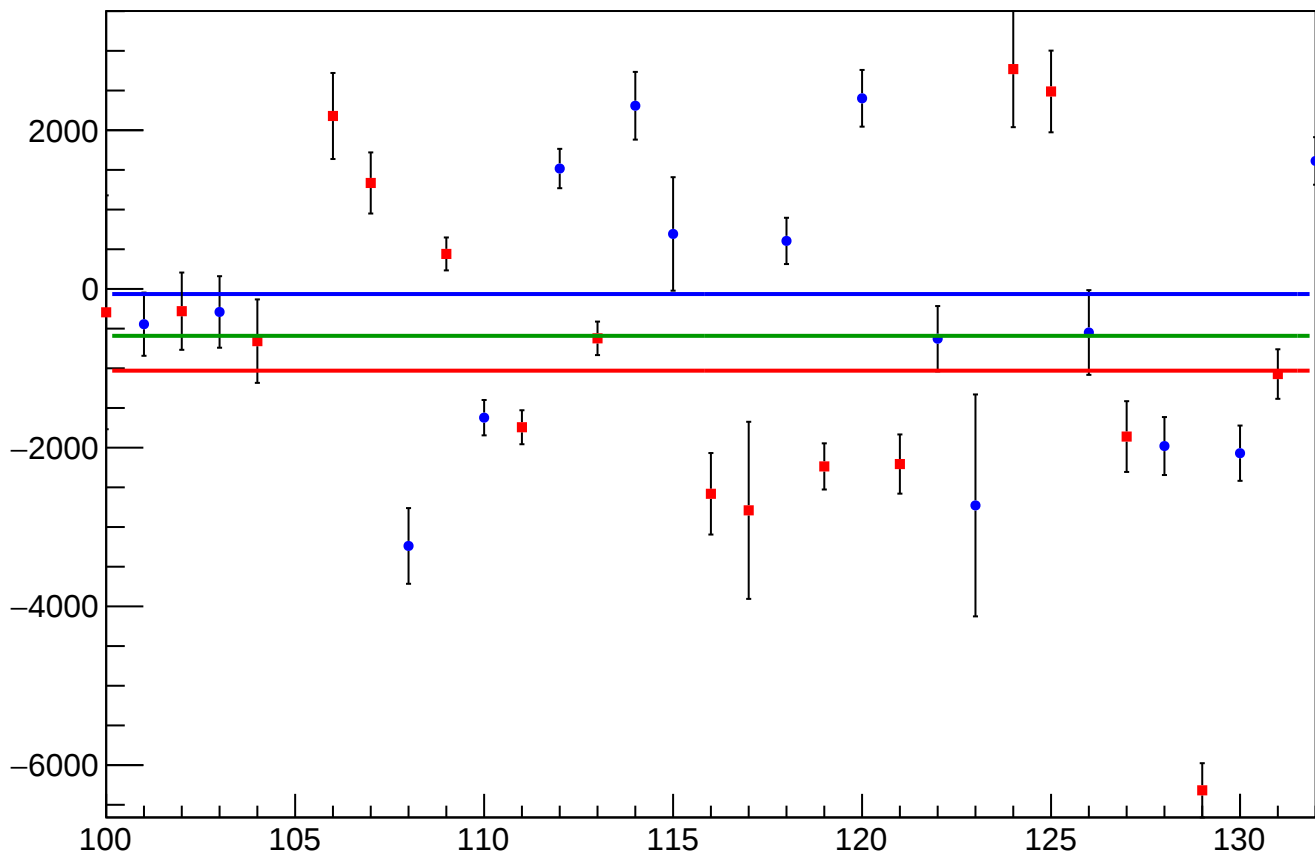
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.483+/-0.063 χ^2/NDF : 1037380.8/14

191.438+/-0.043 χ^2/NDF : 2403647.2/31

184.801+/-0.057 χ^2/NDF : 1336735.7/16

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -64.355+/-92.892 χ^2/NDF : 318.3/14

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

Right Out: -1029.803+/-84.807 χ^2/NDF : 496.2/16

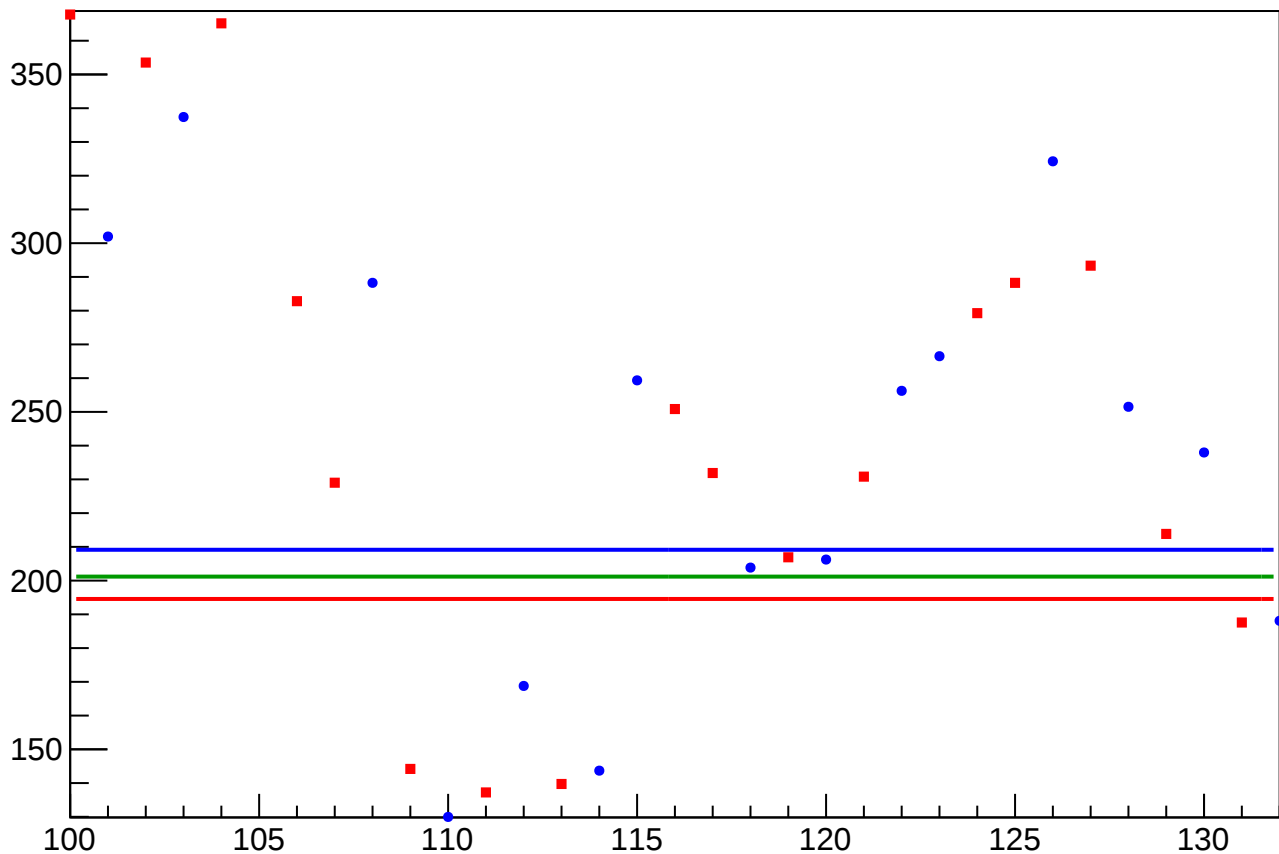
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.355+/-92.892 χ^2/NDF : 318.3/14

-590.916+/-62.631 χ^2/NDF : 873.4/31

-1029.803+/-84.807 χ^2/NDF : 496.2/16

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 209.140+/-0.066 χ^2/NDF : 862063.3/14

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

Right Out: 194.561+/-0.060 χ^2/NDF : 1164068.5/16

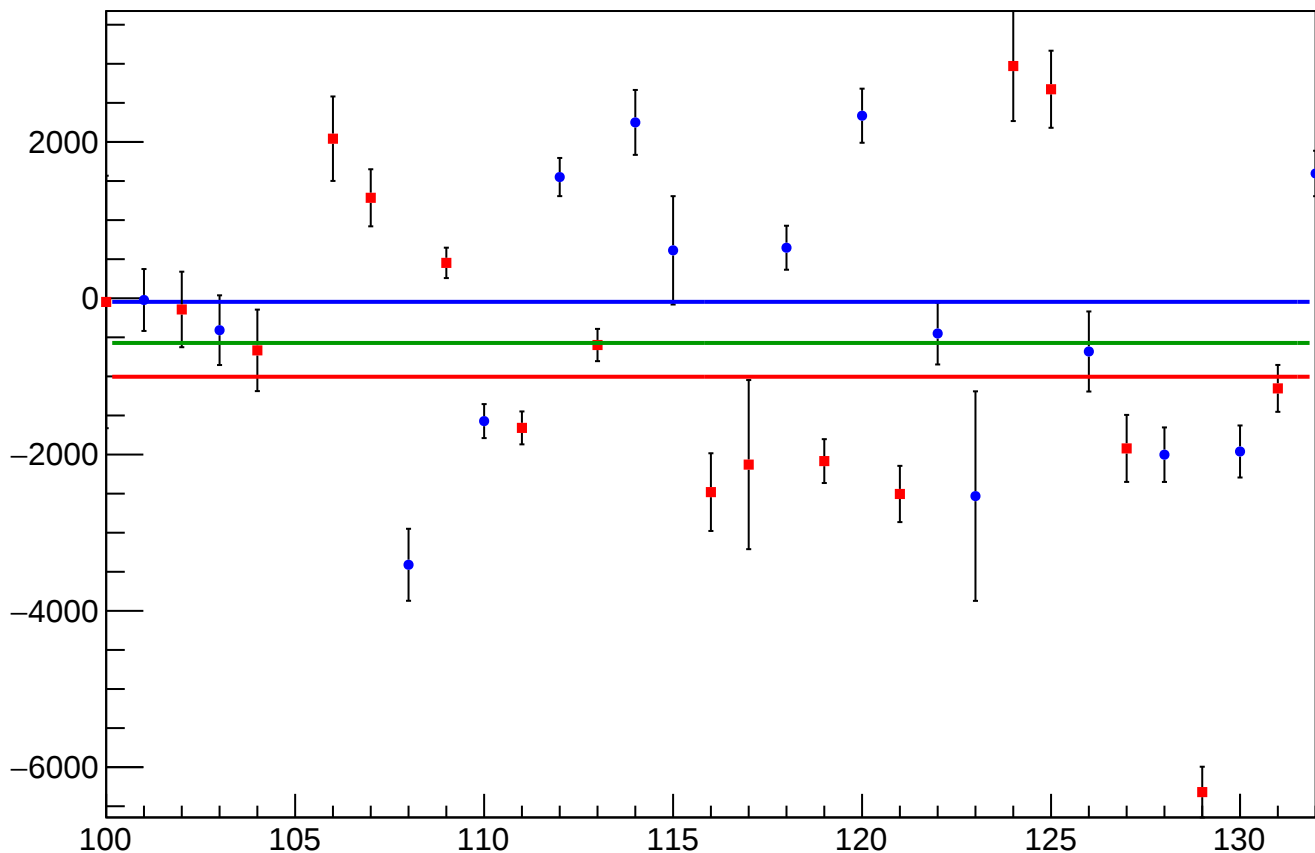
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

209.140+/-0.066 χ^2/NDF : 862063.3/14

201.188+/-0.044 χ^2/NDF : 2053000.0/31

194.561+/-0.060 χ^2/NDF : 1164068.5/16

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -45.886 ± 90.288 χ^2/NDF : 333.3/14

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

Right Out: -1004.255 ± 81.863 χ^2/NDF : 547.3/16

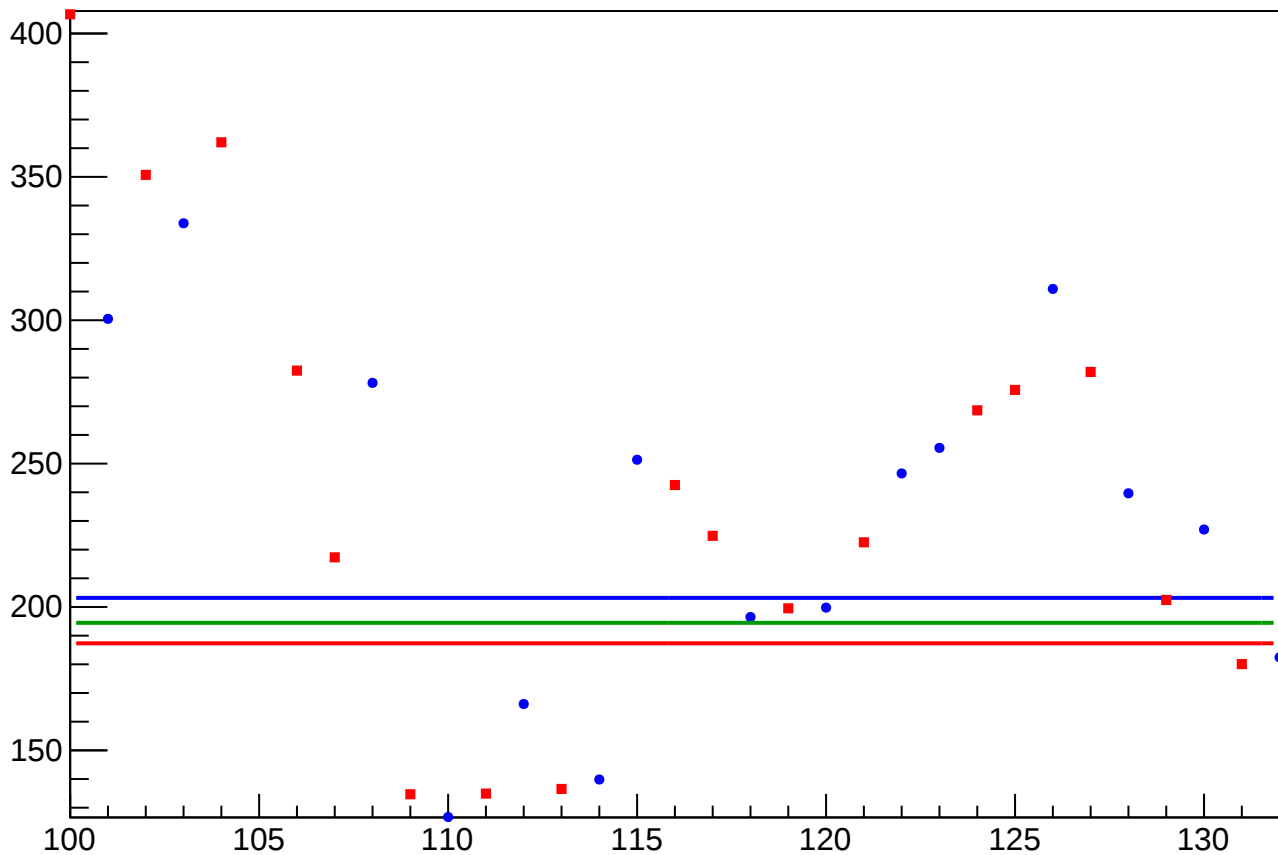
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.886 ± 90.288 χ^2/NDF : 333.3/14

-571.859 ± 60.646 χ^2/NDF : 942.4/31

-1004.255 ± 81.863 χ^2/NDF : 547.3/16

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 203.176+/-0.064 χ^2/NDF : 853484.3/14

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

Right Out: 187.325+/-0.058 χ^2/NDF : 1200837.7/16

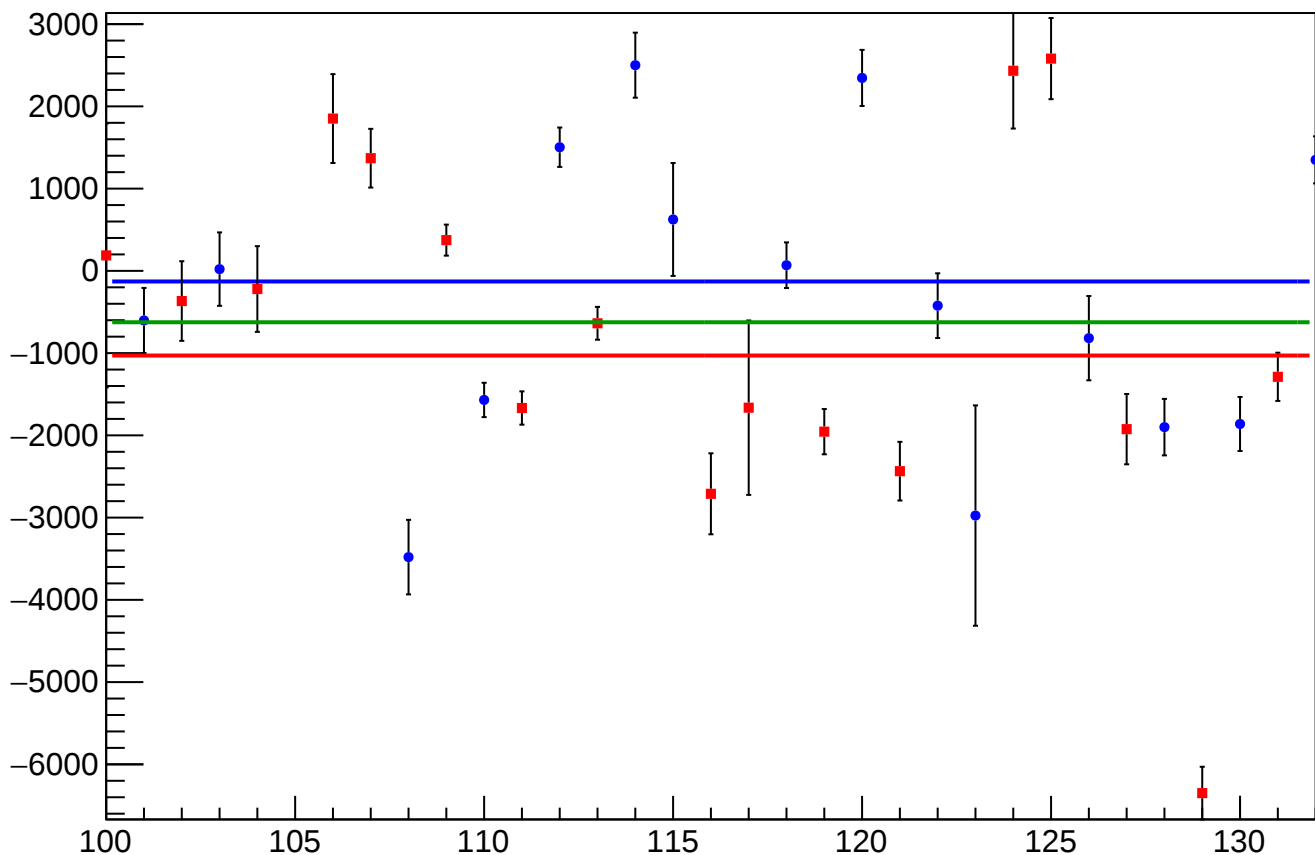
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.176+/-0.064 χ^2/NDF : 853484.3/14

194.477+/-0.043 χ^2/NDF : 2088150.7/31

187.325+/-0.058 χ^2/NDF : 1200837.7/16

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -128.959+/-88.539 χ^2/NDF : 336.9/14

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

Right Out: -1029.397+/-79.981 χ^2/NDF : 545.5/16

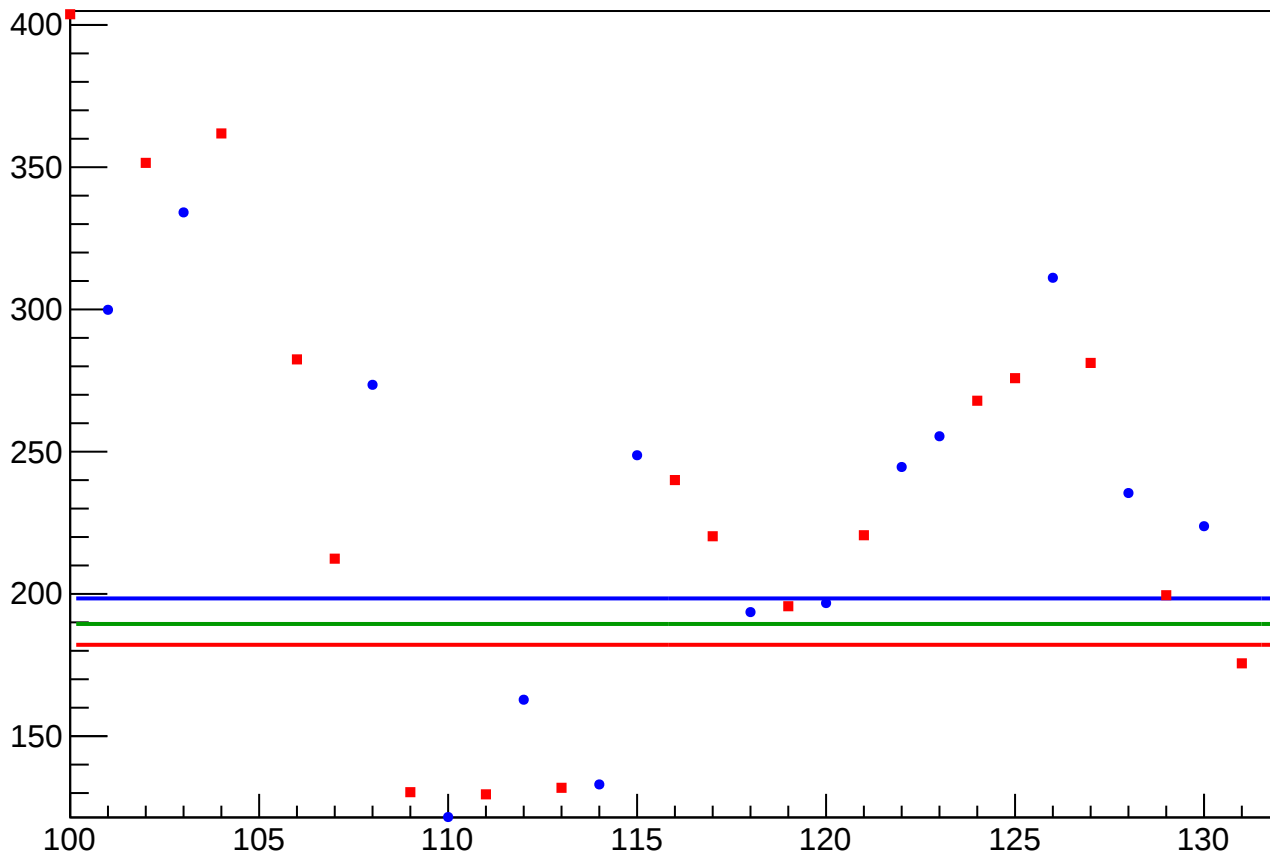
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-128.959+/-88.539 χ^2/NDF : 336.9/14

-624.785+/-59.351 χ^2/NDF : 939.4/31

-1029.397+/-79.981 χ^2/NDF : 545.5/16

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 198.412+/-0.063 χ^2/NDF : 924869.3/14

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

Right Out: 182.112+/-0.057 χ^2/NDF : 1291974.8/16

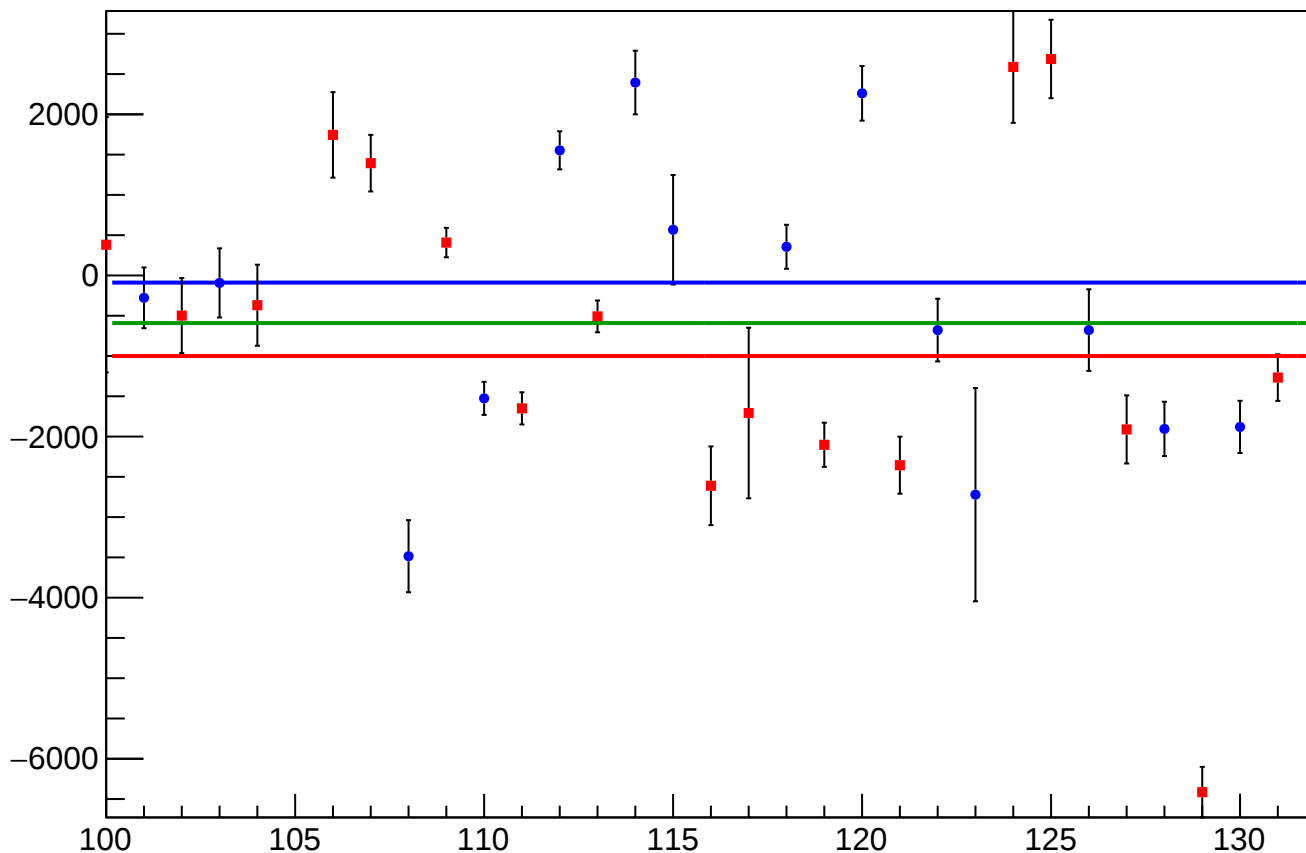
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.412+/-0.063 χ^2/NDF : 924869.3/14

189.437+/-0.042 χ^2/NDF : 2254170.2/31

182.112+/-0.057 χ^2/NDF : 1291974.8/16

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -88.481+/-87.151 χ^2 /NDF: 345.1/14

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

Right Out: -1000.540+/-78.656 χ^2 /NDF: 581.6/16

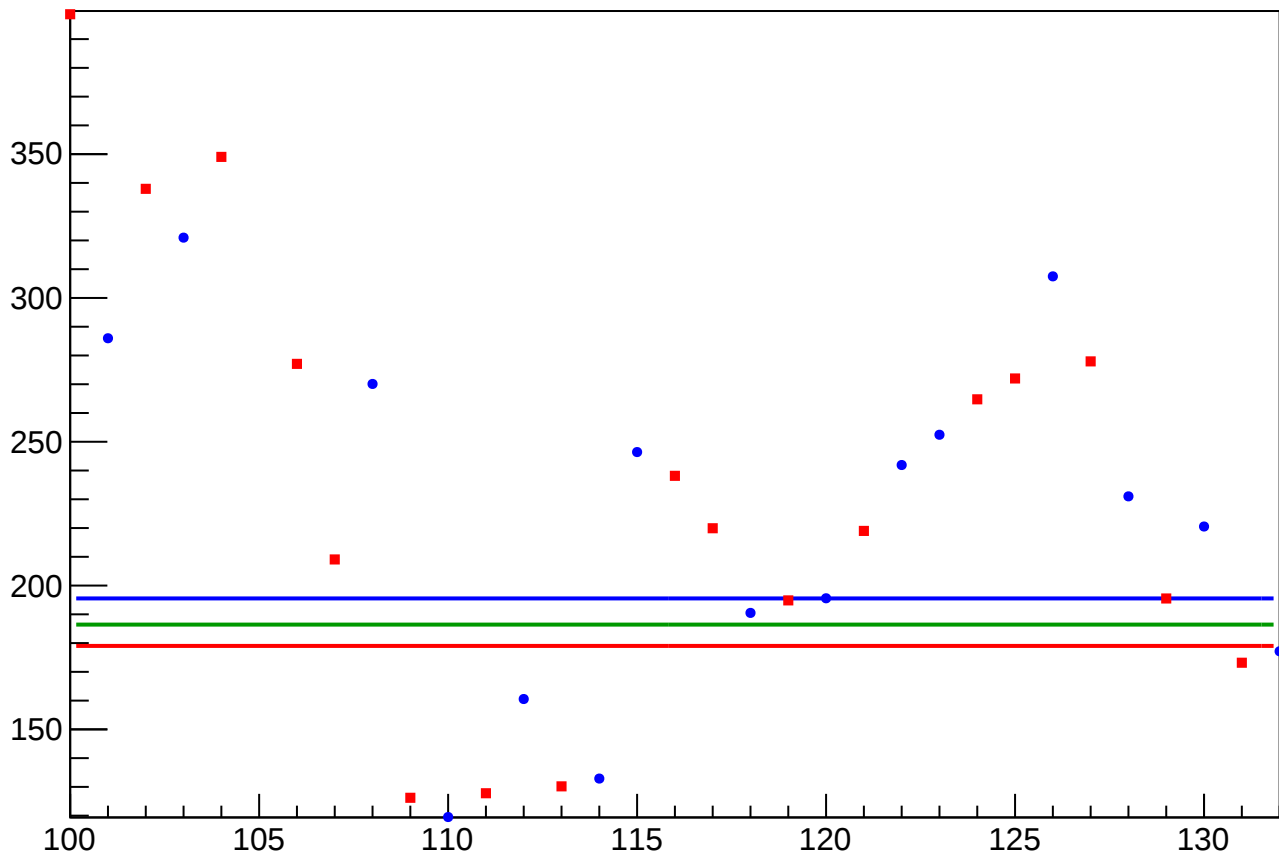
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-88.481+/-87.151 χ^2 /NDF: 345.1/14

-591.120+/-58.391 χ^2 /NDF: 987.0/31

-1000.540+/-78.656 χ^2 /NDF: 581.6/16

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 195.529+/-0.062 χ^2/NDF : 893559.0/14

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

Right Out: 179.017+/-0.056 χ^2/NDF : 1287225.9/16

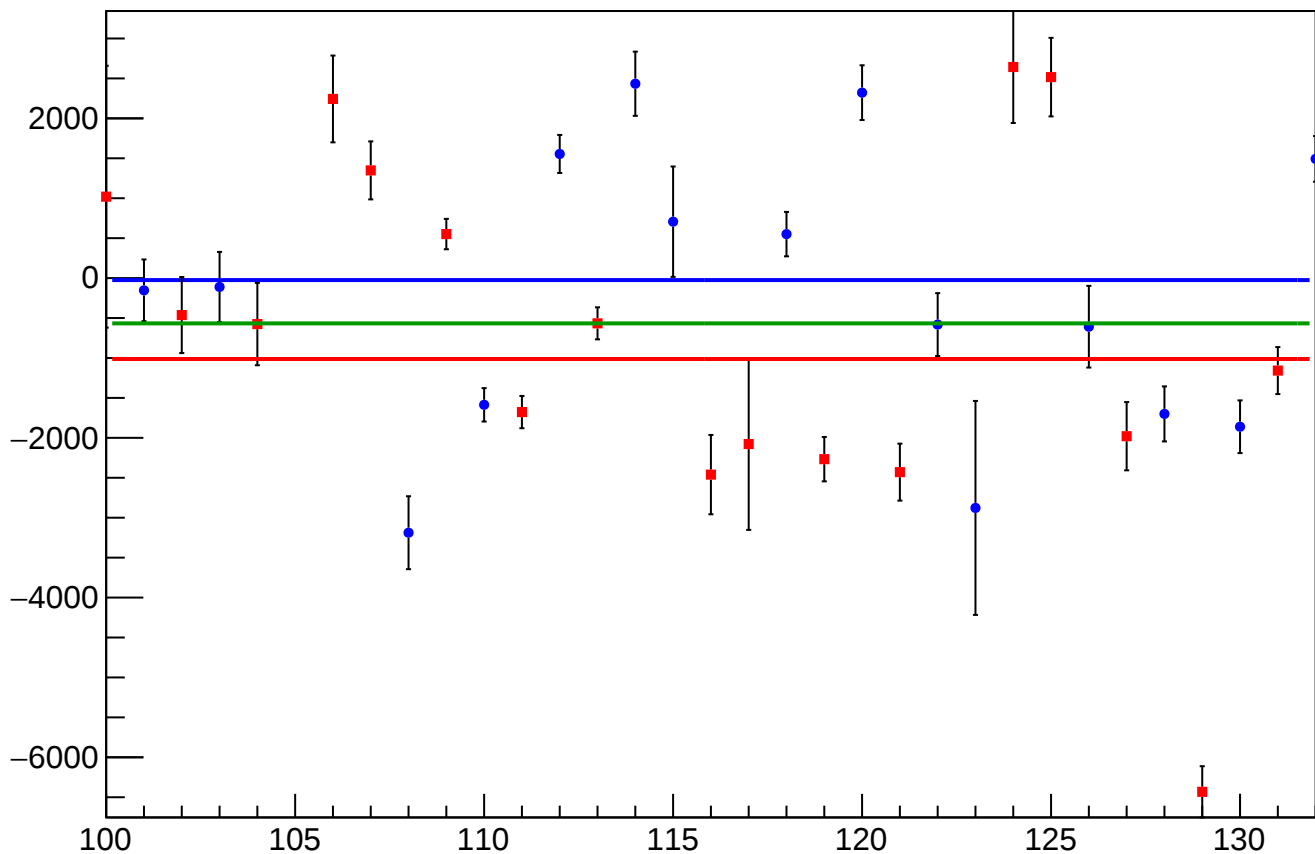
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.529+/-0.062 χ^2/NDF : 893559.0/14

186.429+/-0.041 χ^2/NDF : 2220348.2/31

179.017+/-0.056 χ^2/NDF : 1287225.9/16

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -24.933 ± 88.542 χ^2/NDF : 328.2/14

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

Right Out: -1012.871 ± 80.298 χ^2/NDF : 579.8/16

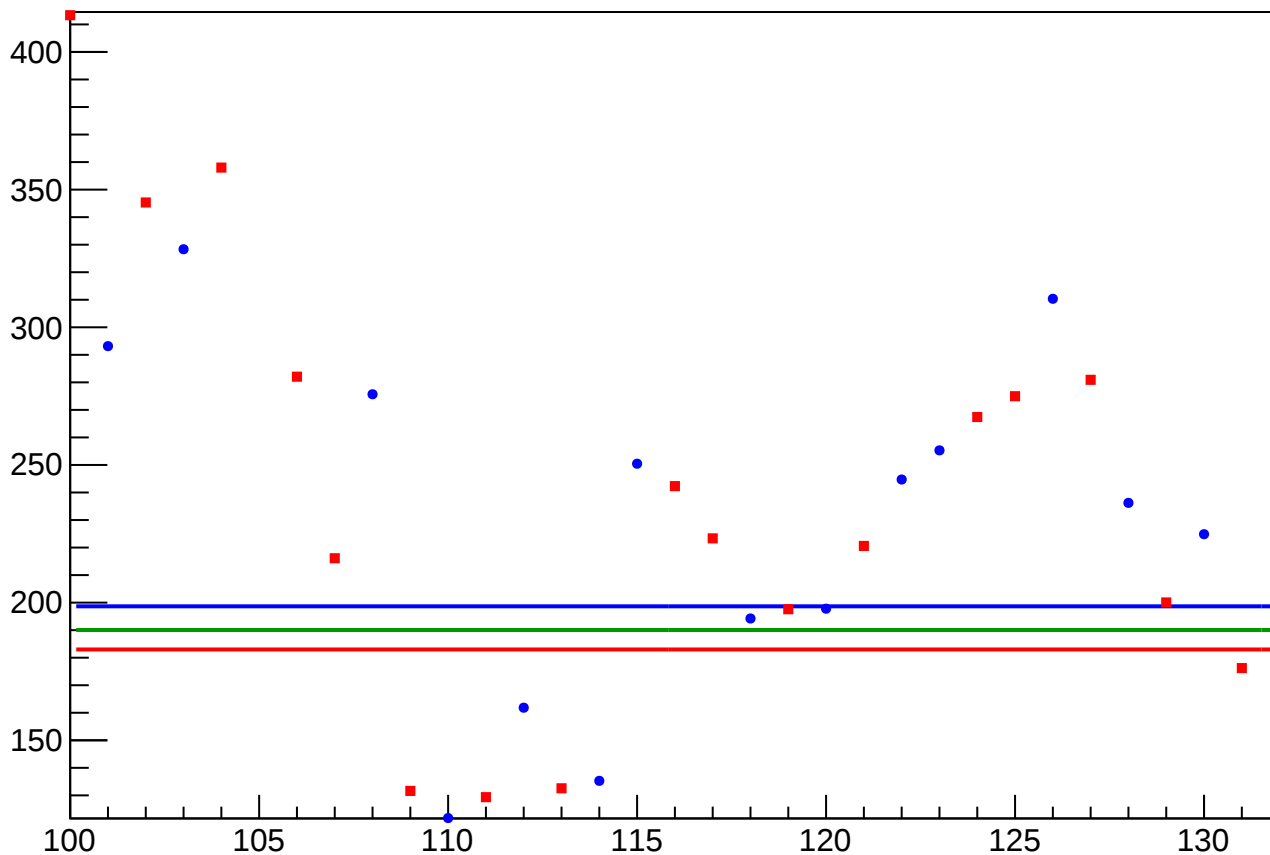
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-24.933 ± 88.542 χ^2/NDF : 328.2/14

-567.028 ± 59.481 χ^2/NDF : 976.2/31

-1012.871 ± 80.298 χ^2/NDF : 579.8/16

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 198.657+/-0.063 χ^2/NDF : 902601.7/14

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

Right Out: 182.989+/-0.057 χ^2/NDF : 1268640.5/16

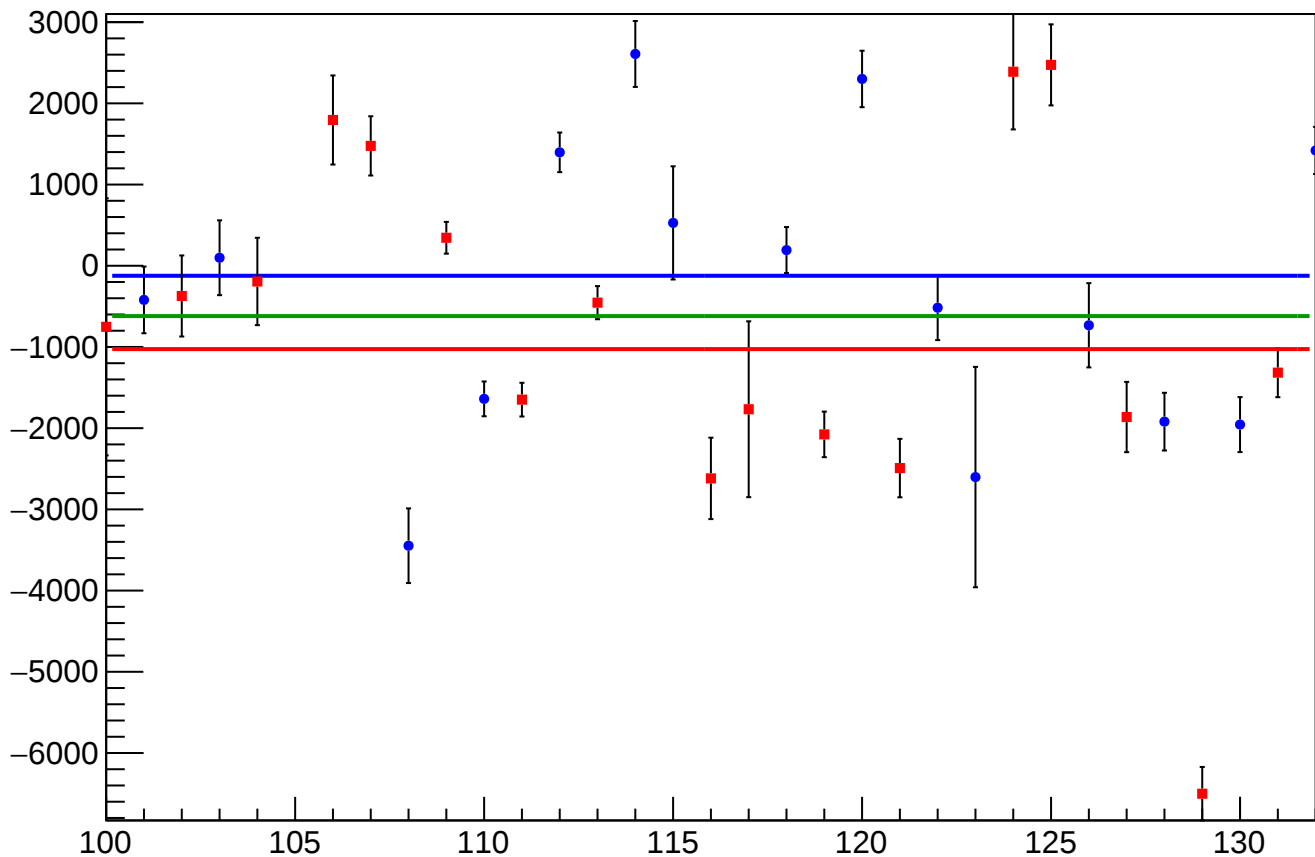
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.657+/-0.063 χ^2/NDF : 902601.7/14

190.060+/-0.042 χ^2/NDF : 2205604.9/31

182.989+/-0.057 χ^2/NDF : 1268640.5/16

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -123.370+/-90.607 χ^2/NDF : 326.6/14

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

Right Out: -1026.195+/-81.987 χ^2/NDF : 537.9/16

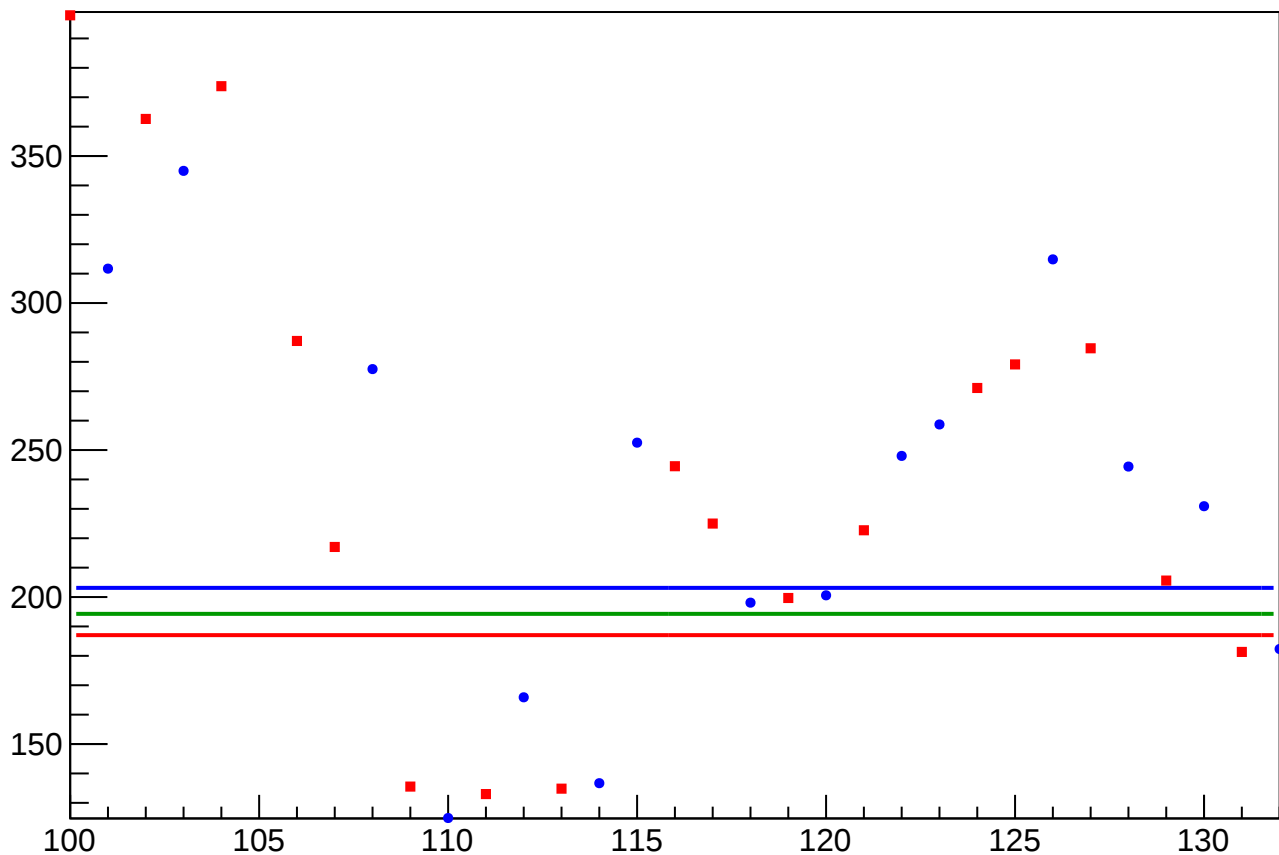
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-123.370+/-90.607 χ^2/NDF : 326.6/14

-619.762+/-60.793 χ^2/NDF : 919.1/31

-1026.195+/-81.987 χ^2/NDF : 537.9/16

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 203.122+/-0.064 χ^2/NDF : 931494.2/14

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

Right Out: 187.043+/-0.058 χ^2/NDF : 1266257.9/16

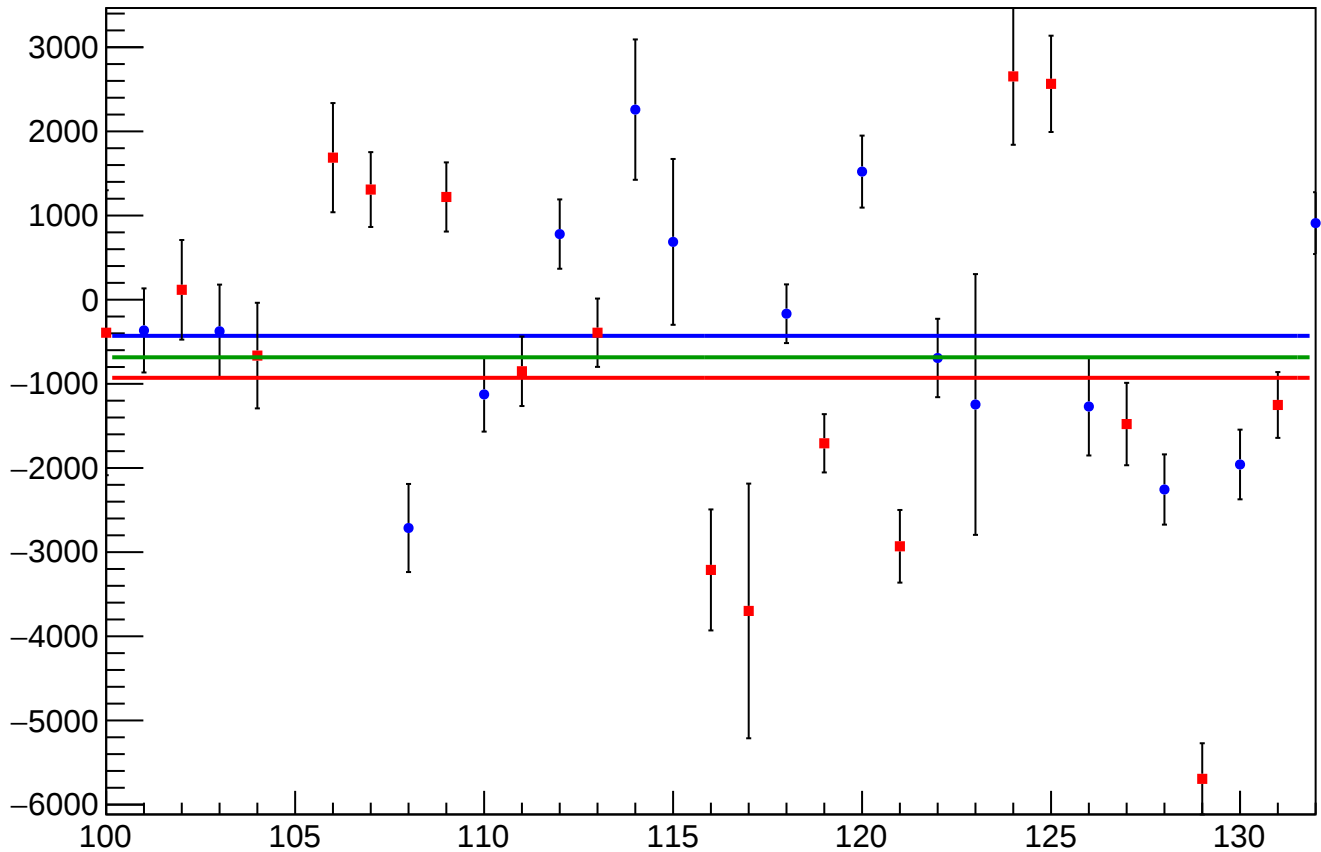
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.122+/-0.064 χ^2/NDF : 931494.2/14

194.282+/-0.043 χ^2/NDF : 2232382.7/31

187.043+/-0.058 χ^2/NDF : 1266257.9/16

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -429.577+/-123.997 χ^2 /NDF: 111.9/14

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

Right Out: -928.320+/-121.295 χ^2 /NDF: 299.6/16

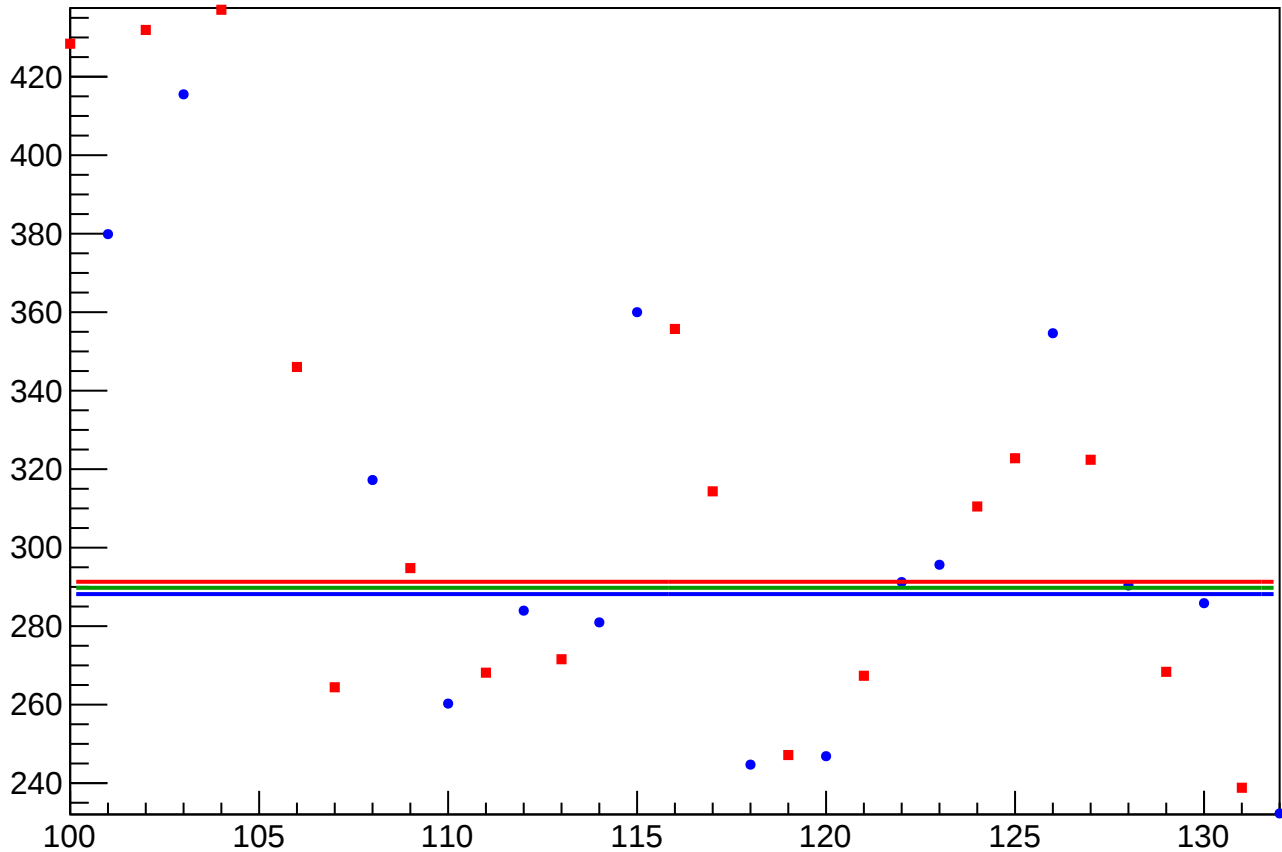
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-429.577+/-123.997 χ^2 /NDF: 111.9/14

-684.443+/-86.708 χ^2 /NDF: 419.8/31

-928.320+/-121.295 χ^2 /NDF: 299.6/16

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 288.166+/-0.088 χ^2/NDF : 320525.9/14

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

Right Out: 291.307+/-0.086 χ^2/NDF : 378945.9/16

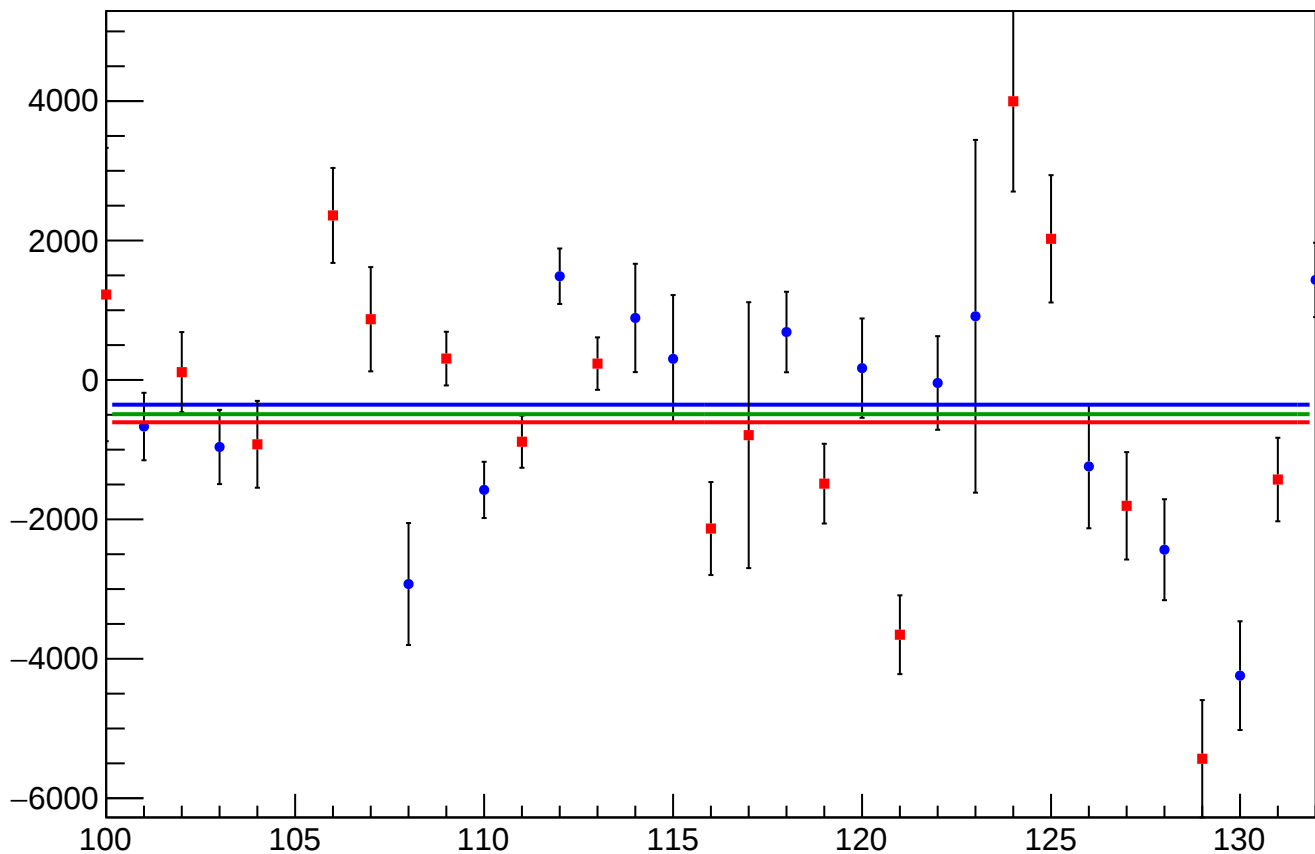
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.166+/-0.088 χ^2/NDF : 320525.9/14

289.771+/-0.061 χ^2/NDF : 700127.7/31

291.307+/-0.086 χ^2/NDF : 378945.9/16

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -354.813 ± 157.919 χ^2/NDF : 93.7/14

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

Right Out: -607.135 ± 145.659 χ^2/NDF : 131.5/16

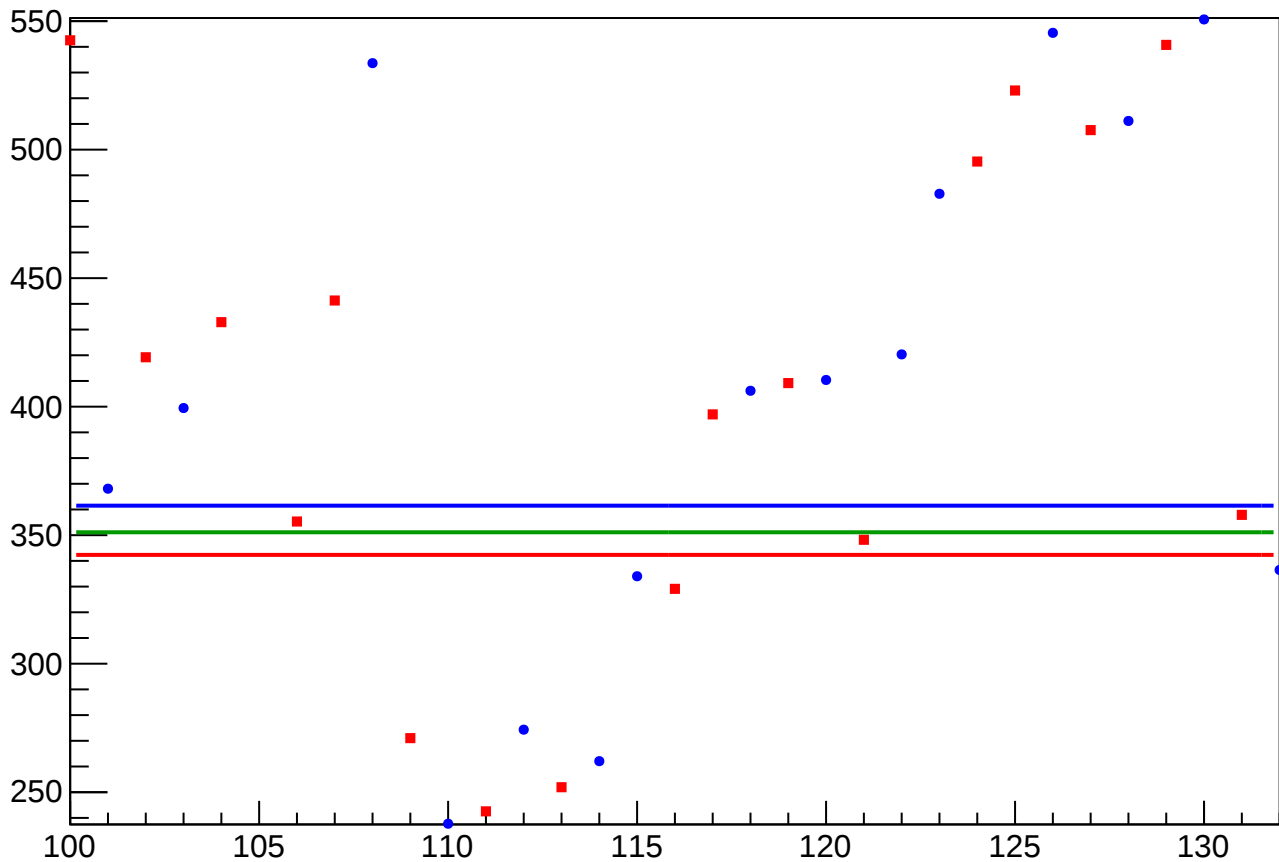
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-354.813 ± 157.919 χ^2/NDF : 93.7/14

-491.148 ± 107.069 χ^2/NDF : 226.6/31

-607.135 ± 145.659 χ^2/NDF : 131.5/16

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 361.483+/-0.112 χ^2/NDF : 741596.7/14

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

Right Out: 342.330+/-0.103 χ^2/NDF : 799185.2/16

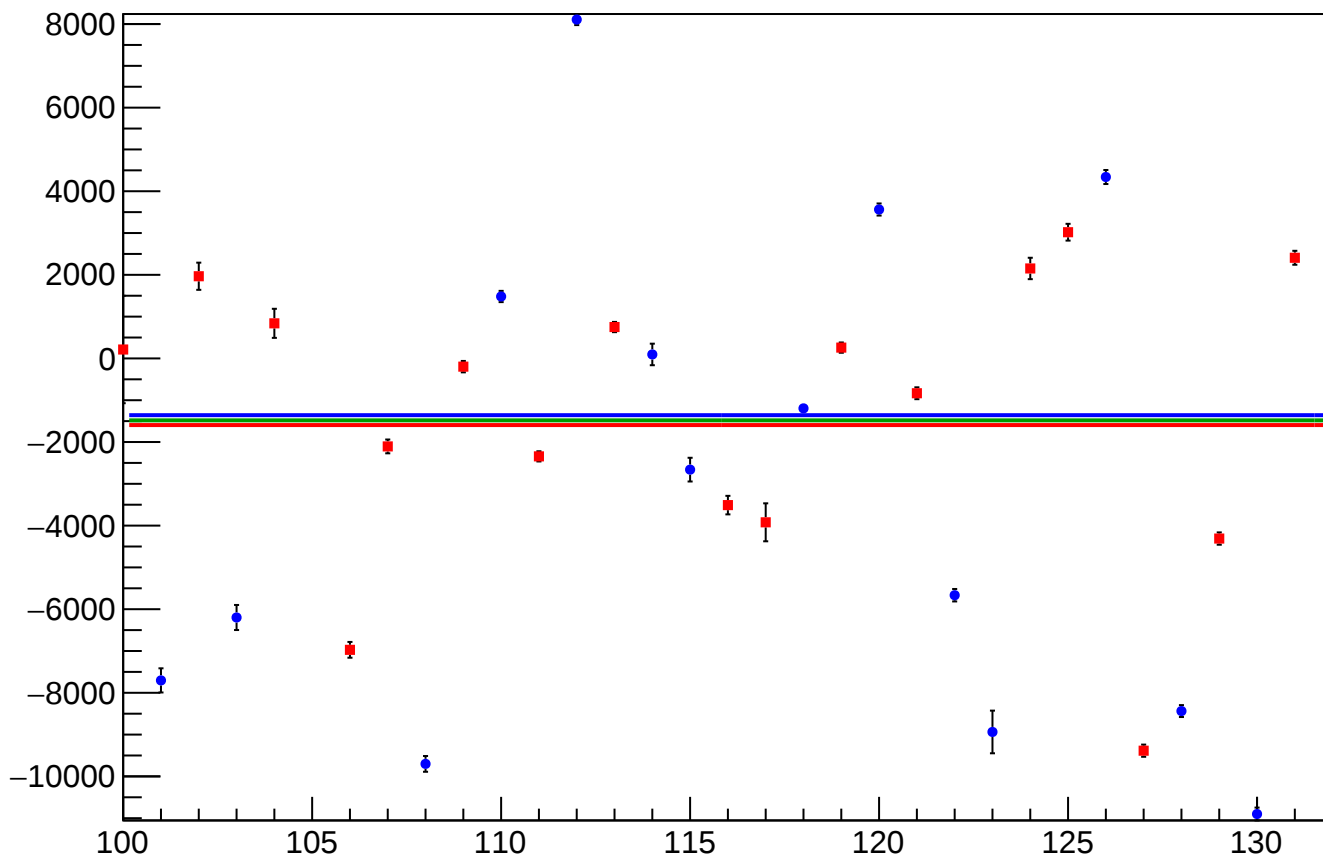
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

361.483+/-0.112 χ^2/NDF : 741596.7/14

351.134+/-0.076 χ^2/NDF : 1556677.0/31

342.330+/-0.103 χ^2/NDF : 799185.2/16

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1358.001+/-43.575 χ^2 /NDF: 18808.5/14

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

Right Out: -1594.371+/-41.494 χ^2 /NDF: 6373.8/16

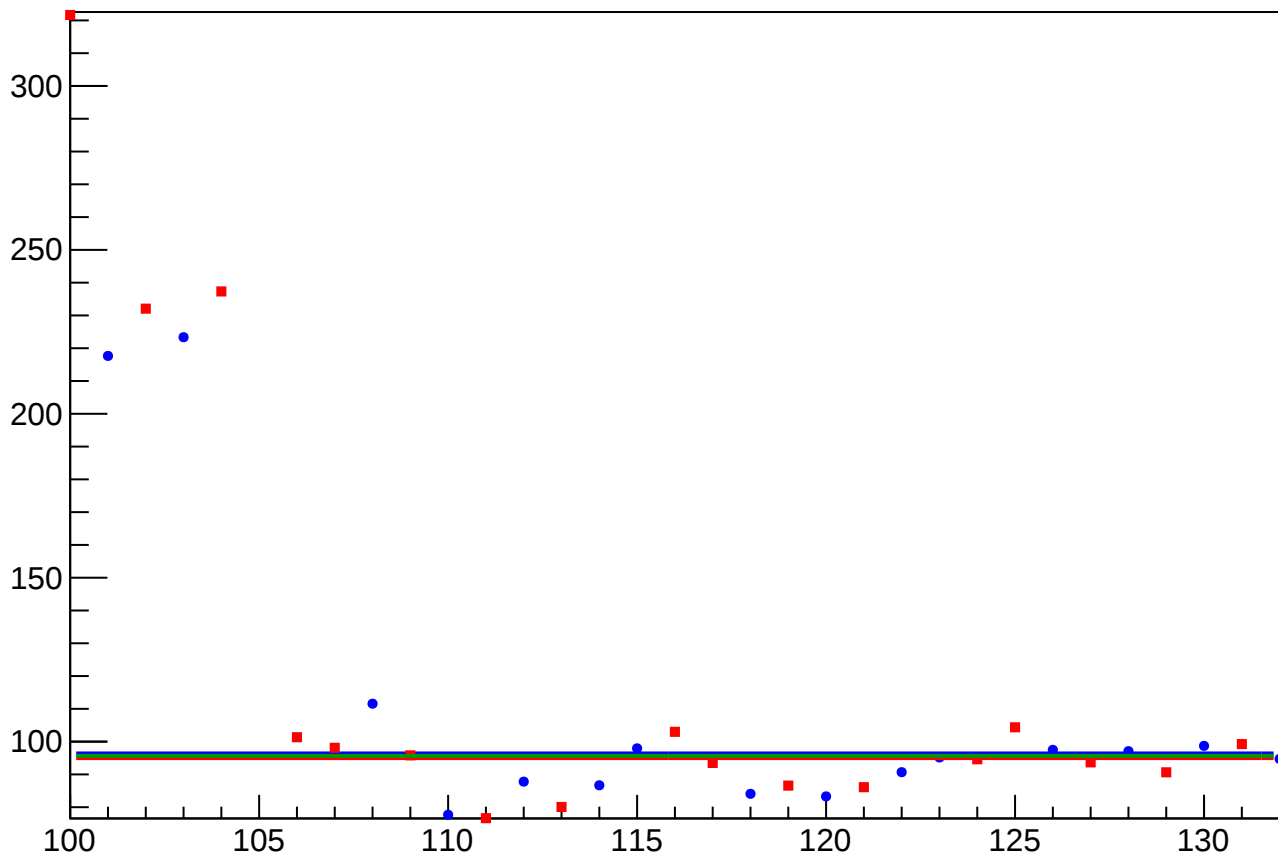
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1358.001+/-43.575 χ^2 /NDF: 18808.5/14

-1481.965+/-30.049 χ^2 /NDF: 25197.8/31

-1594.371+/-41.494 χ^2 /NDF: 6373.8/16

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.390+/-0.031 χ^2/NDF : 814813.2/14

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

Right Out: 94.979+/-0.029 χ^2/NDF : 858076.6/16

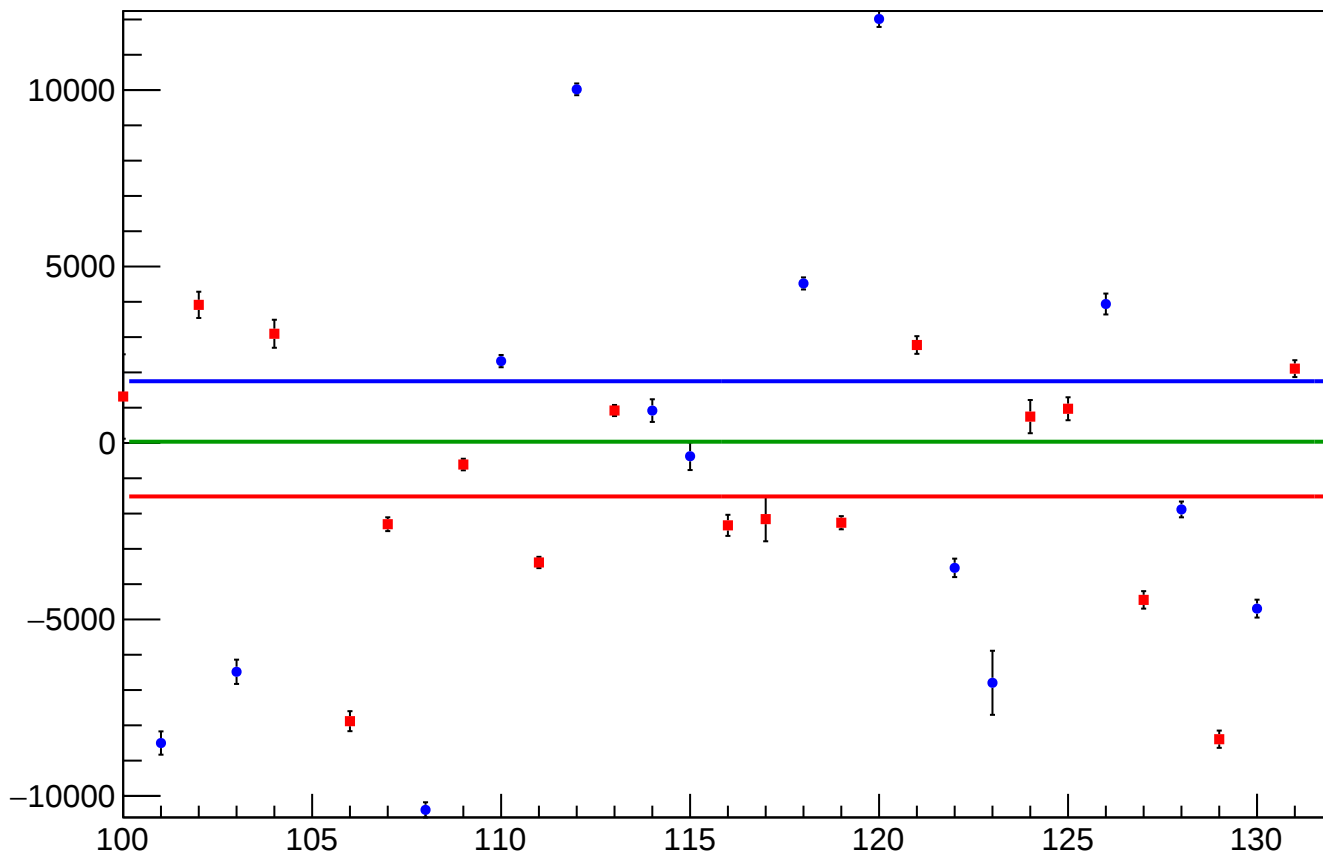
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.390+/-0.031 χ^2/NDF : 814813.2/14

95.650+/-0.021 χ^2/NDF : 1673989.9/31

94.979+/-0.029 χ^2/NDF : 858076.6/16

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1749.747+/-61.444 χ^2/NDF : 11231.4/14

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

Right Out: -1514.678+/-58.464 χ^2/NDF : 2843.3/16

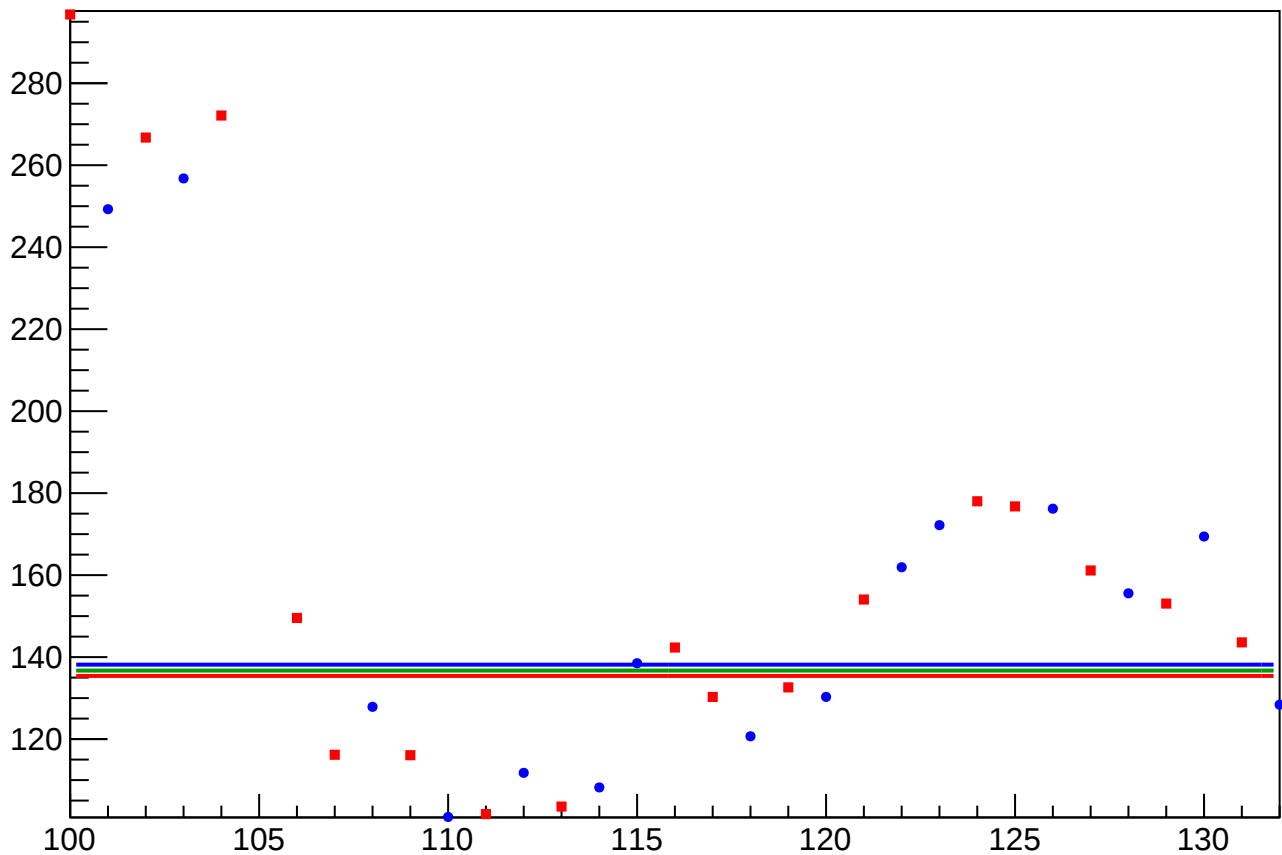
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1749.747+/-61.444 χ^2/NDF : 11231.4/14

36.456+/-42.355 χ^2/NDF : 15556.1/31

-1514.678+/-58.464 χ^2/NDF : 2843.3/16

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 138.161 $\pm$ 0.043 χ^2 /NDF: 750222.7/14

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

Right Out: 135.412 $\pm$ 0.041 χ^2 /NDF: 841694.7/16

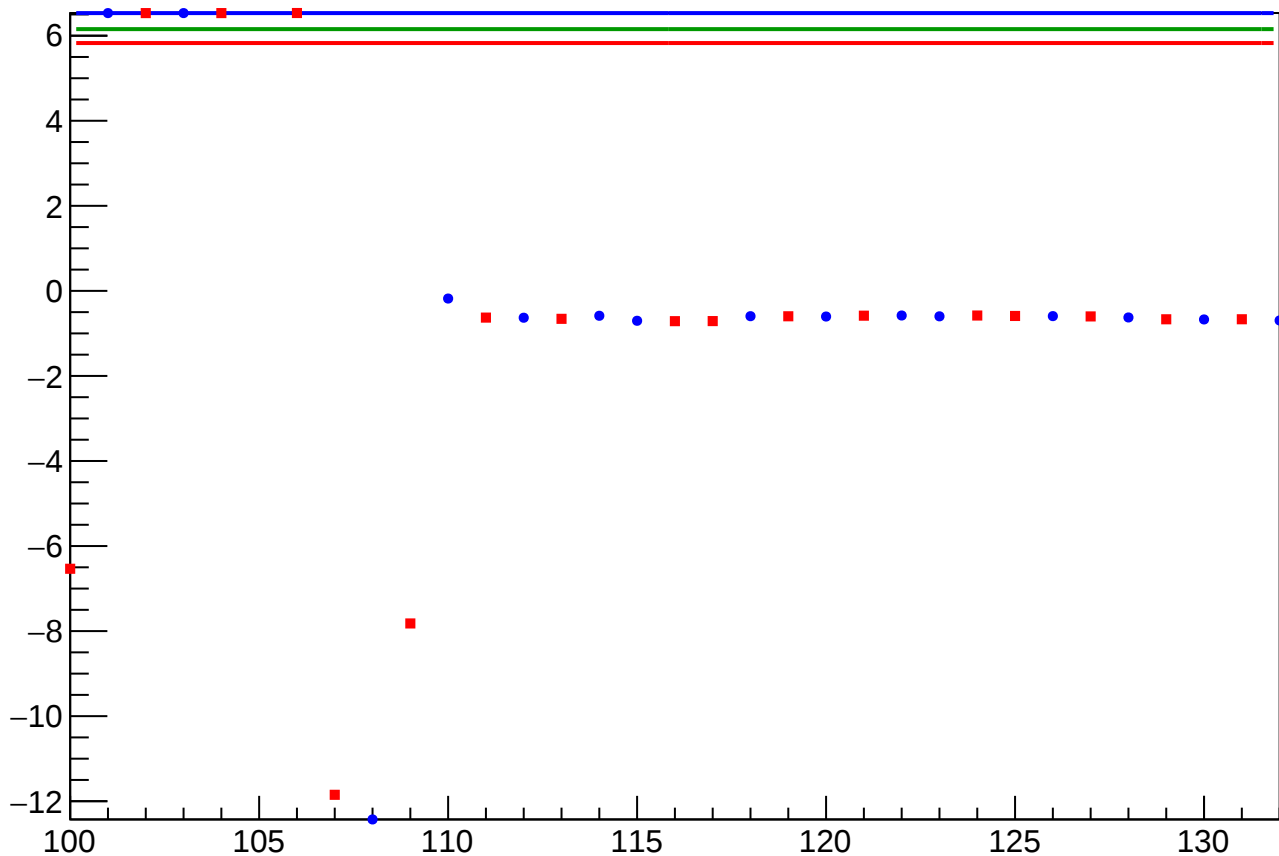
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

138.161 $\pm$ 0.043 χ^2 /NDF: 750222.7/14

136.718 $\pm$ 0.030 χ^2 /NDF: 1594018.8/31

135.412 $\pm$ 0.041 χ^2 /NDF: 841694.7/16

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 98001152794.4/14

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

Right Out: 5.827+/-0.000 χ^2/NDF : 755928380978991.6/16

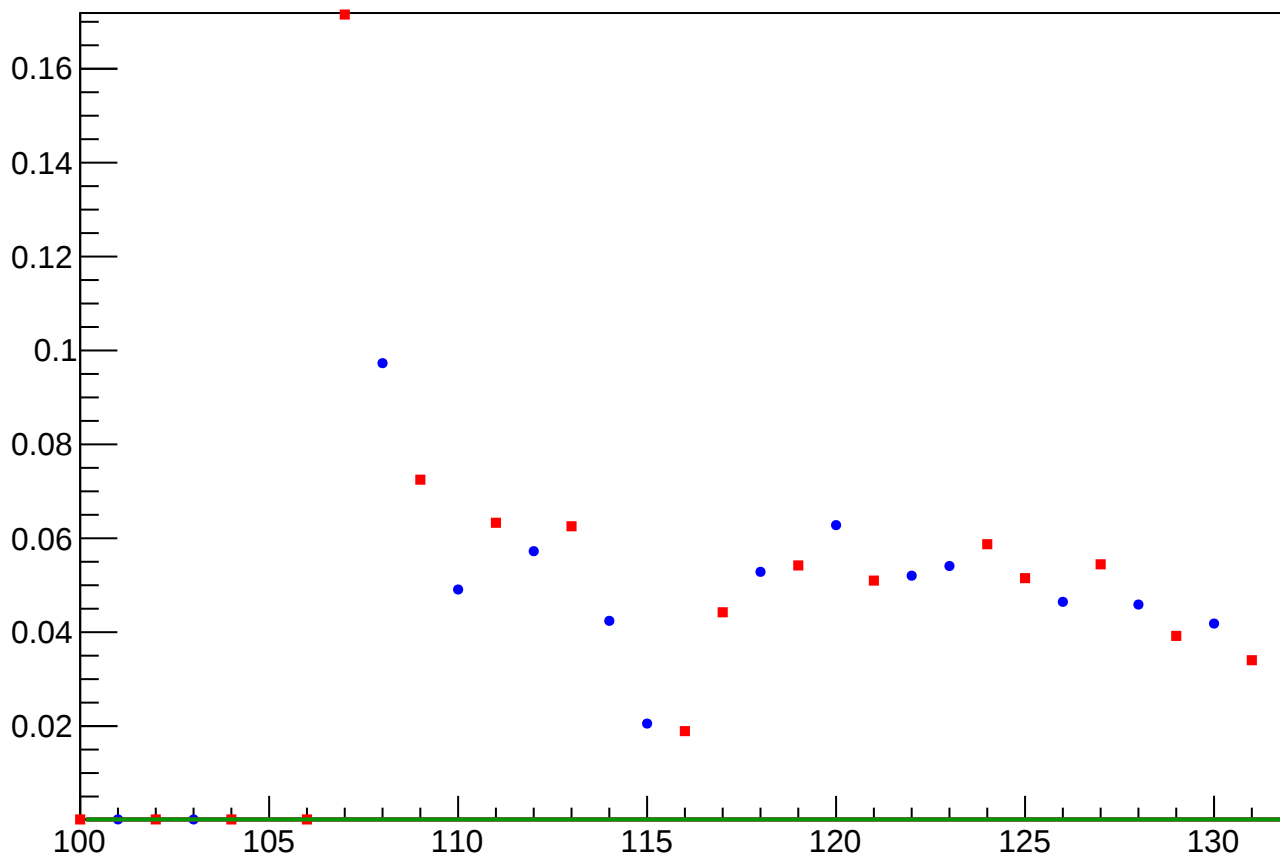
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 98001152794.4/14

6.155+/-0.000 χ^2/NDF : 77603059890218

5.827+/-0.000 χ^2/NDF : 755928380978991.6/16

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7565033.0/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7691625.8/16

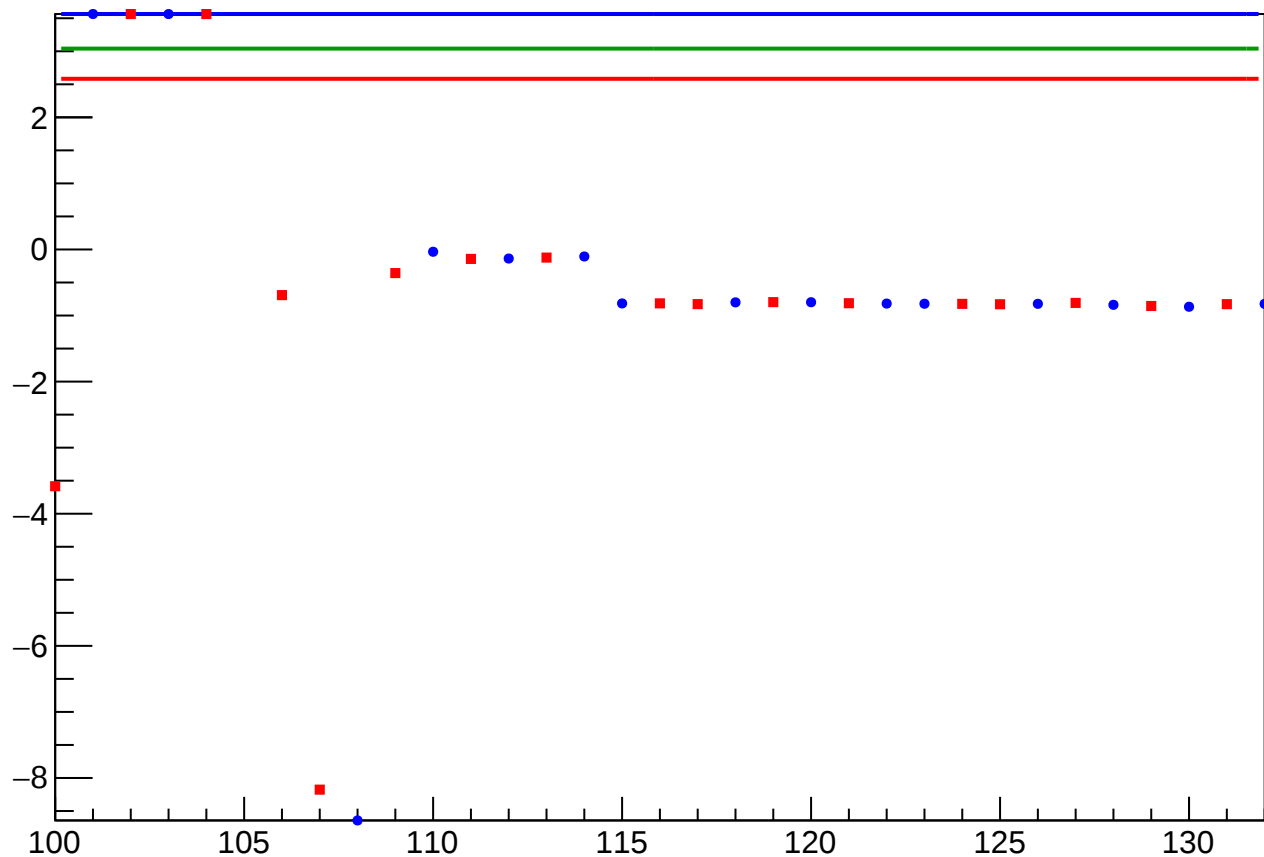
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7565033.0/14

0.000+/-0.000 χ^2/NDF : 15256894.6/31

0.000+/-0.000 χ^2/NDF : 7691625.8/16

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 303145430635.7/14

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253382468574248.5/16

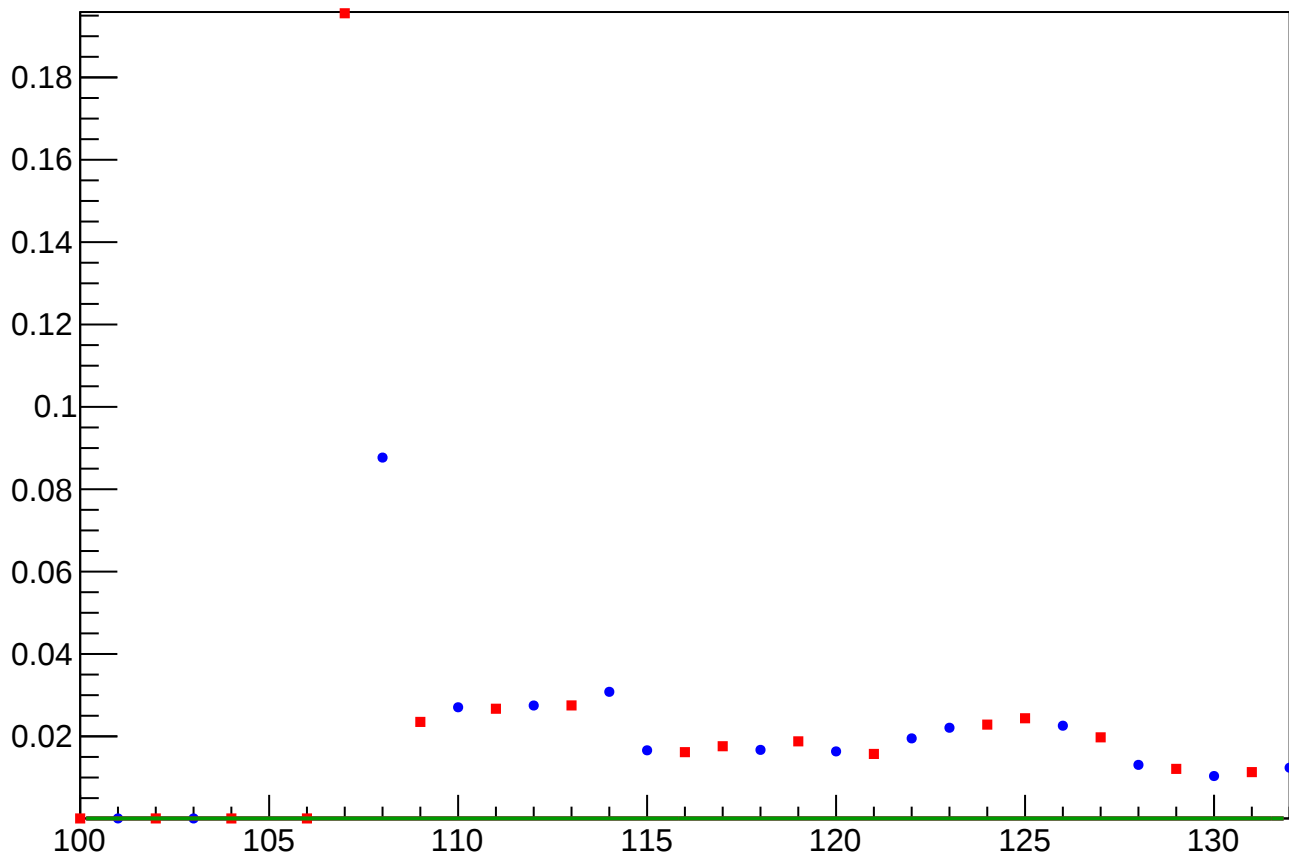
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 303145430635.7/14

3.040+/-0.000 χ^2/NDF : 13819627756620

2.584+/-0.000 χ^2/NDF : 1253382468574248.5/16

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8168465.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8091858.5/16

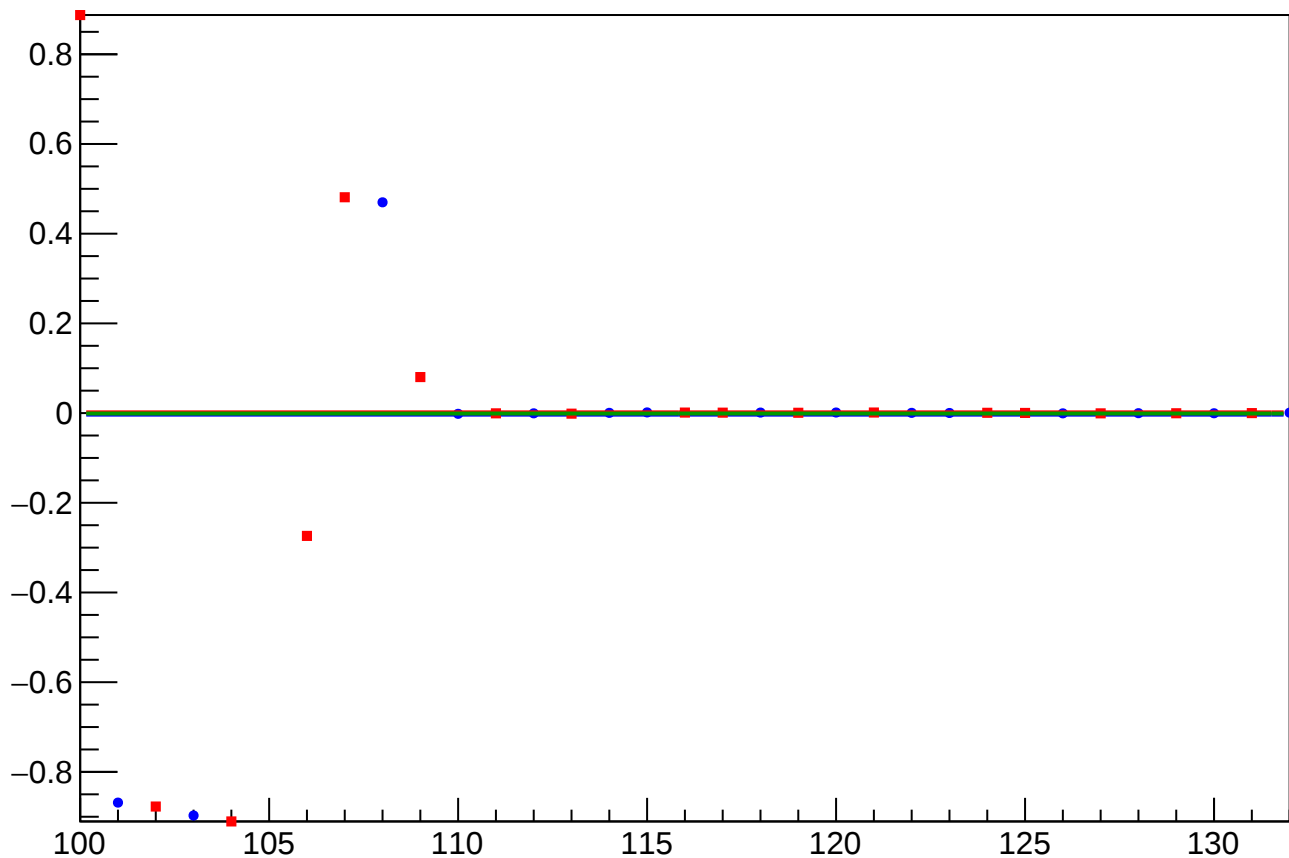
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8168465.6/14

0.000+/-0.000 χ^2/NDF : 16260594.9/31

0.000+/-0.000 χ^2/NDF : 8091858.5/16

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.000 χ^2 /NDF: 9789055442.1/14

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

Right Out: 0.002+/-0.000 χ^2 /NDF: 3040509969.4/16

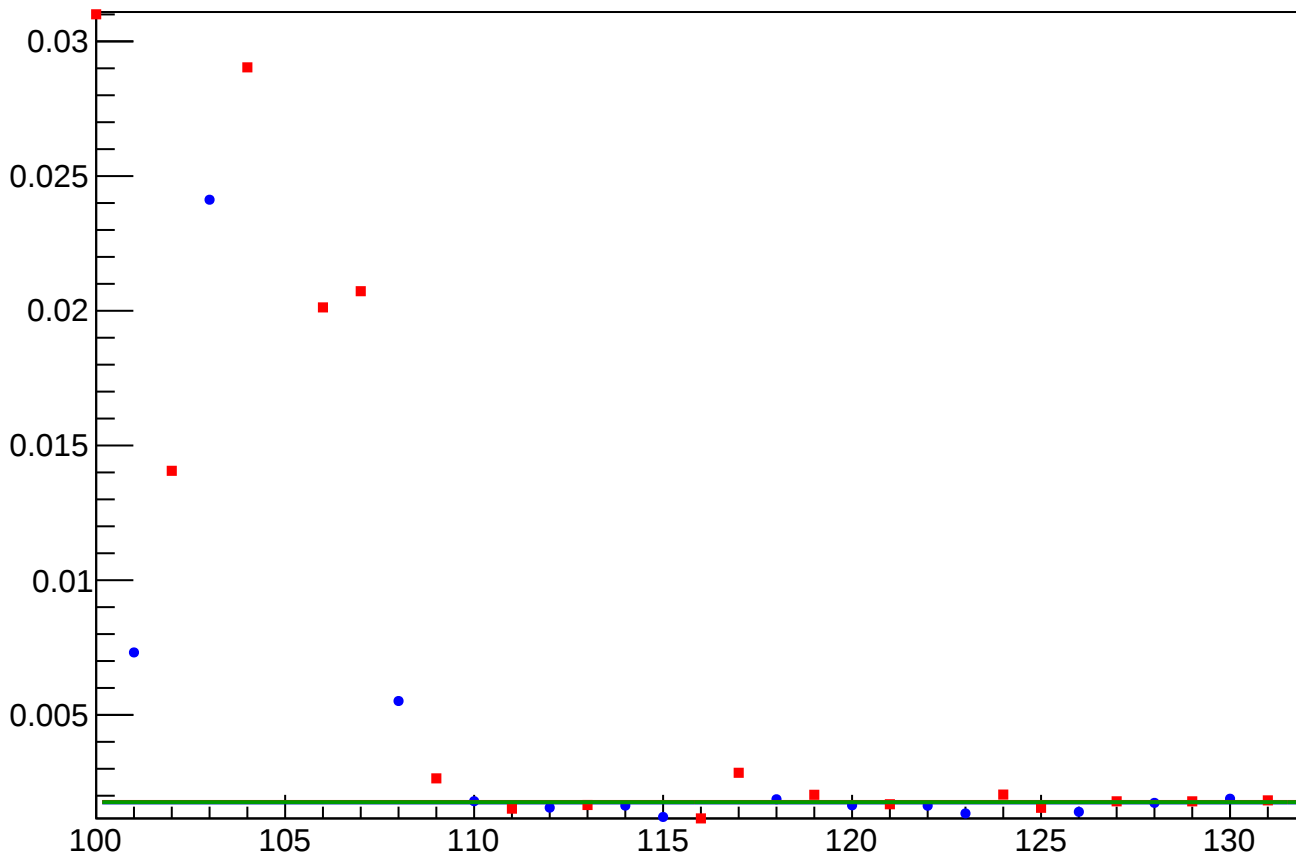
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.003+/-0.000 χ^2 /NDF: 9789055442.1/14

-0.001+/-0.000 χ^2 /NDF: 12845139822.1/14

0.002+/-0.000 χ^2 /NDF: 3040509969.4/16

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1766872.2/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2870278.2/16

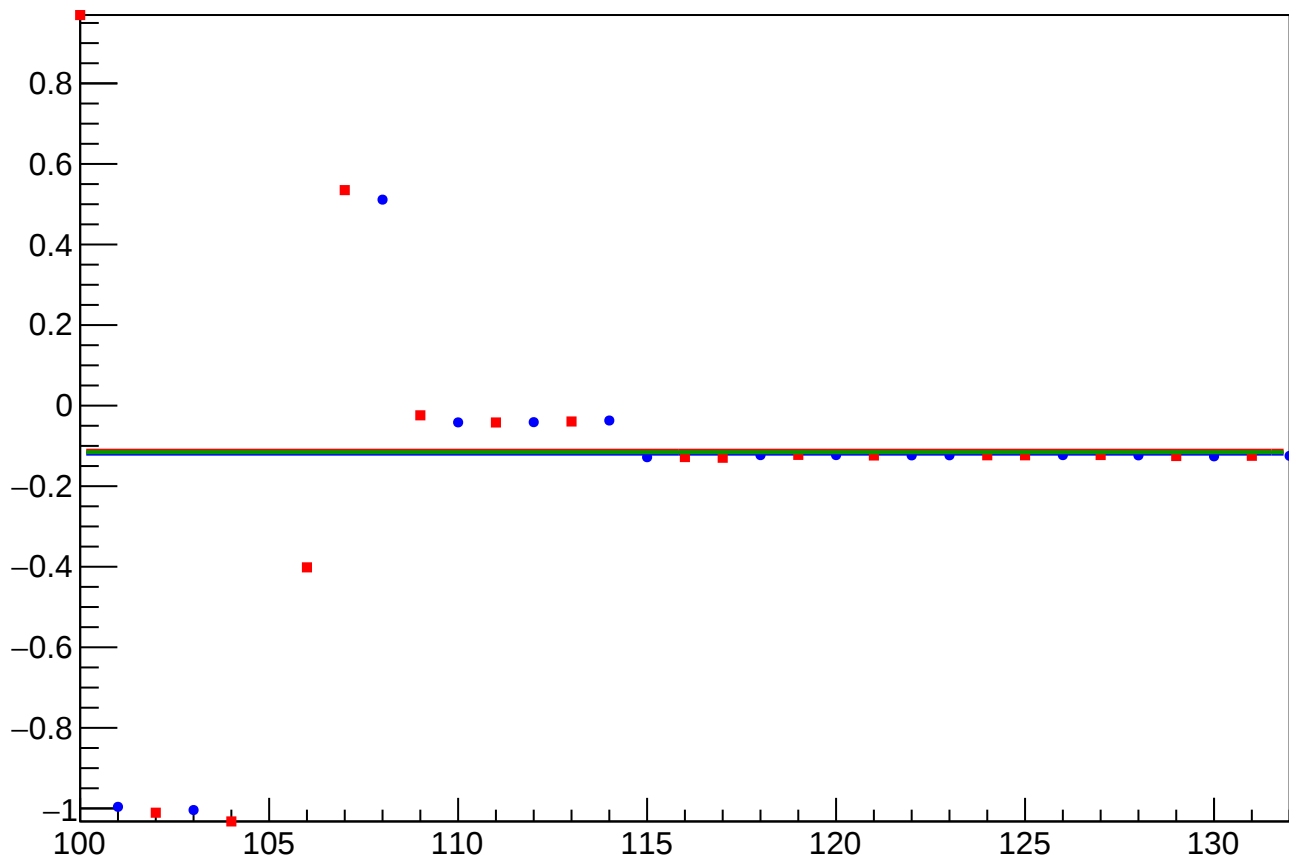
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1766872.2/14

0.002+/-0.000 χ^2/NDF : 4637417.2/31

0.002+/-0.000 χ^2/NDF : 2870278.2/16

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.119+/-0.000 χ^2/NDF : 3926411424.9/14

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

Right Out: -0.112+/-0.000 χ^2/NDF : 2404379119.6/16

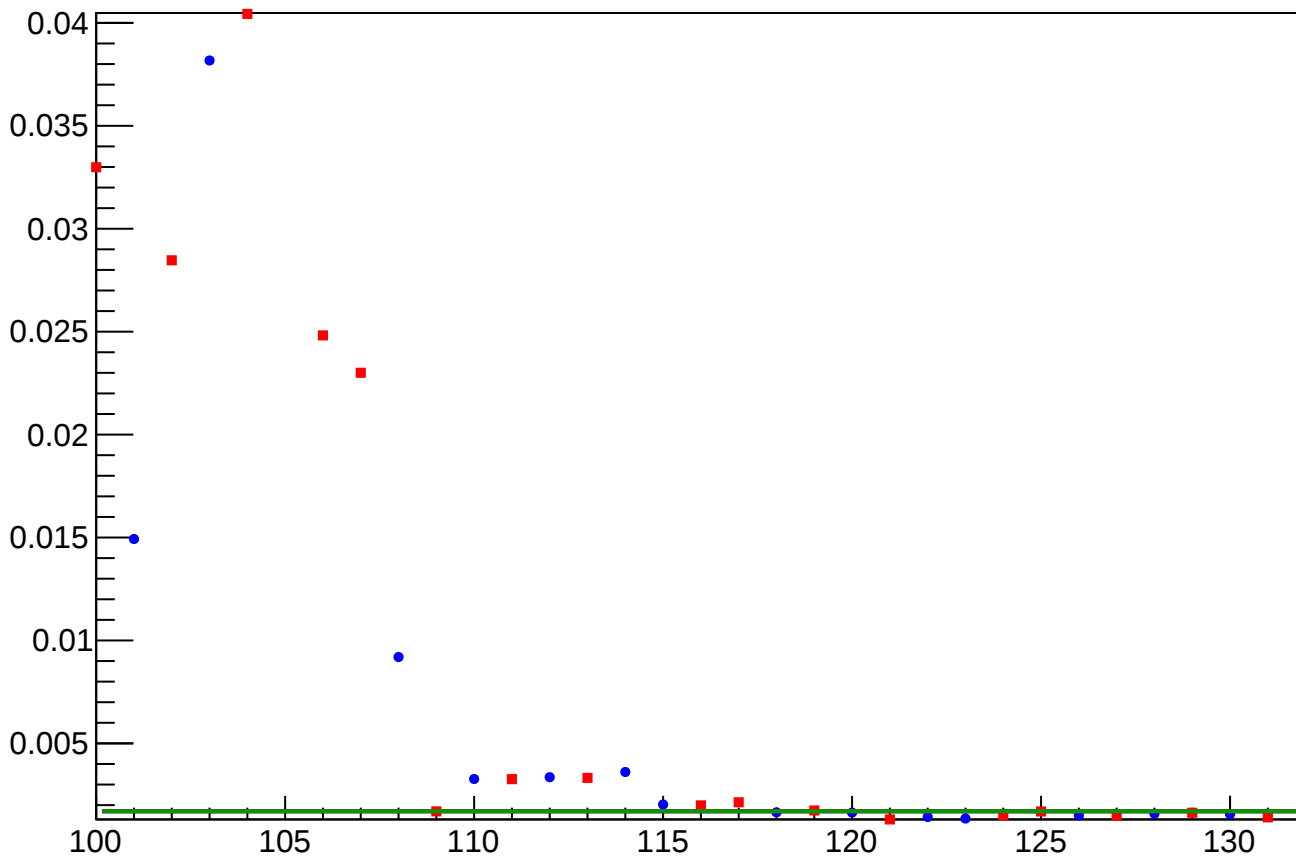
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 3926411424.9/14

-0.116+/-0.000 χ^2/NDF : 6366377376.4/3

-0.112+/-0.000 χ^2/NDF : 2404379119.6/16

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2707338.0/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3339919.0/16

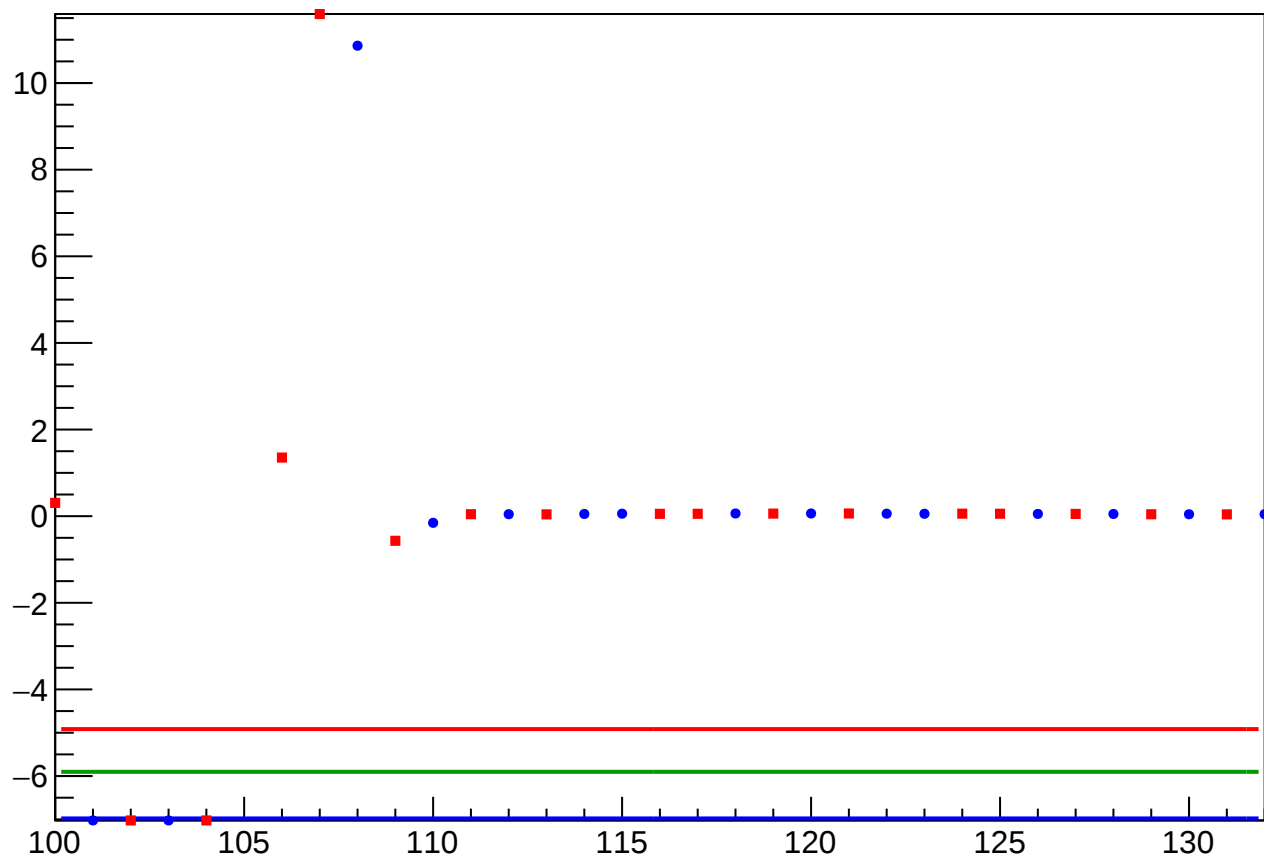
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2707338.0/14

0.002+/-0.000 χ^2/NDF : 6047262.1/31

0.002+/-0.000 χ^2/NDF : 3339919.0/16

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.979+/-0.000 χ^2/NDF : 8111834933355.4/14

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

Right Out: -4.916+/-0.000 χ^2/NDF : 365086253289992.2/16

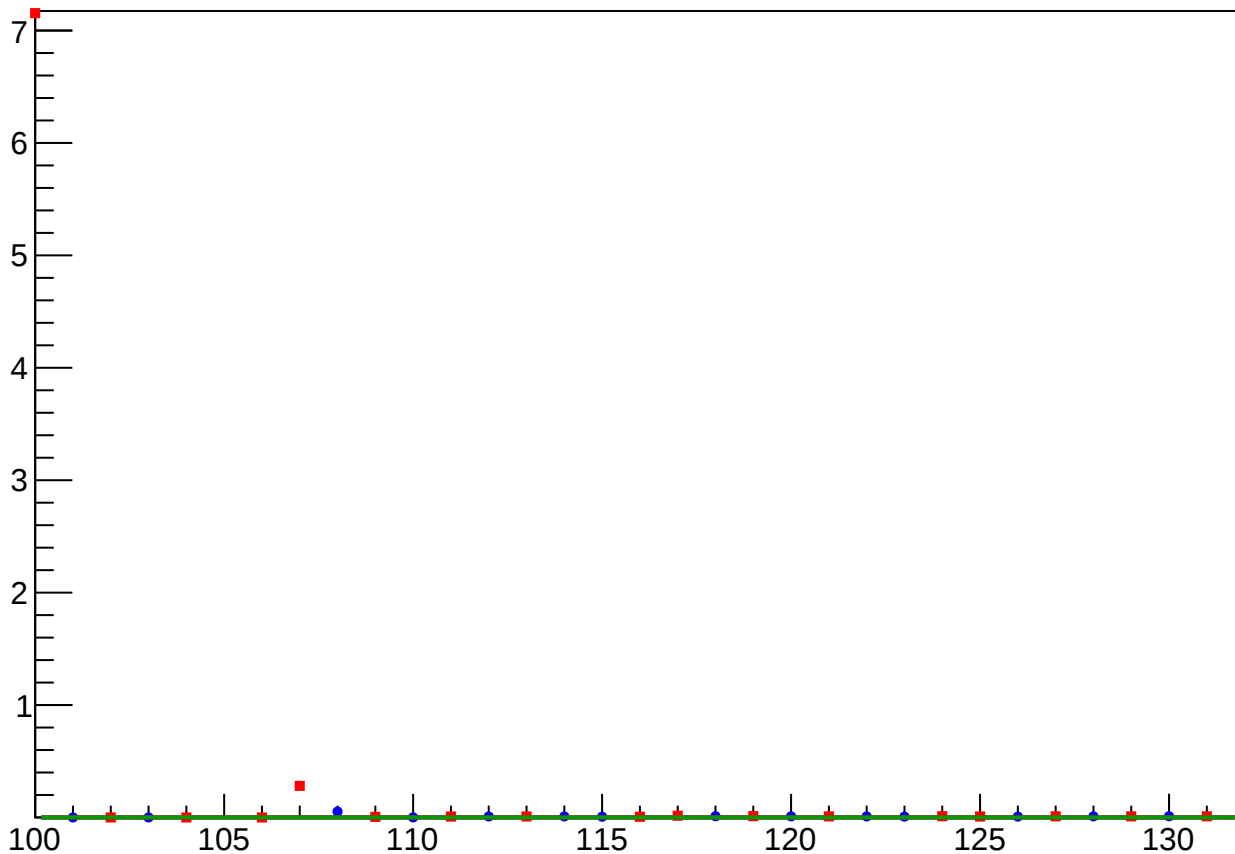
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.979+/-0.000 χ^2/NDF : 8111834933355.4/14

-5.902+/-0.000 χ^2/NDF : 4294591288682.2/14

-4.916+/-0.000 χ^2/NDF : 365086253289992.2/16

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6815592.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7145415.0/16

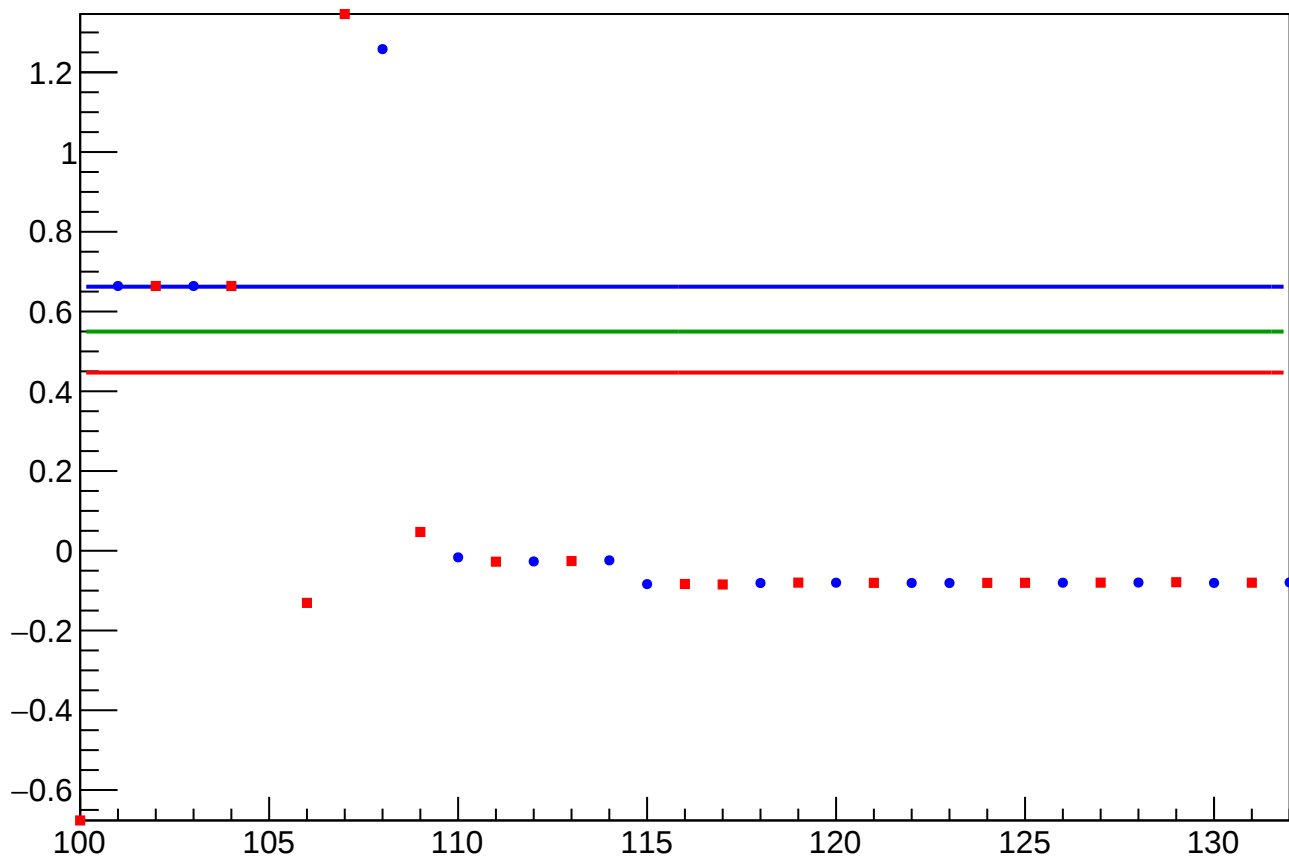
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6815592.5/14

0.000+/-0.000 χ^2/NDF : 13961223.8/31

0.000+/-0.000 χ^2/NDF : 7145415.0/16

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 3438315967656.2/14

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

Right Out: 0.447 $\pm$ 0.000 χ^2 /NDF: 404395923378374.2/16

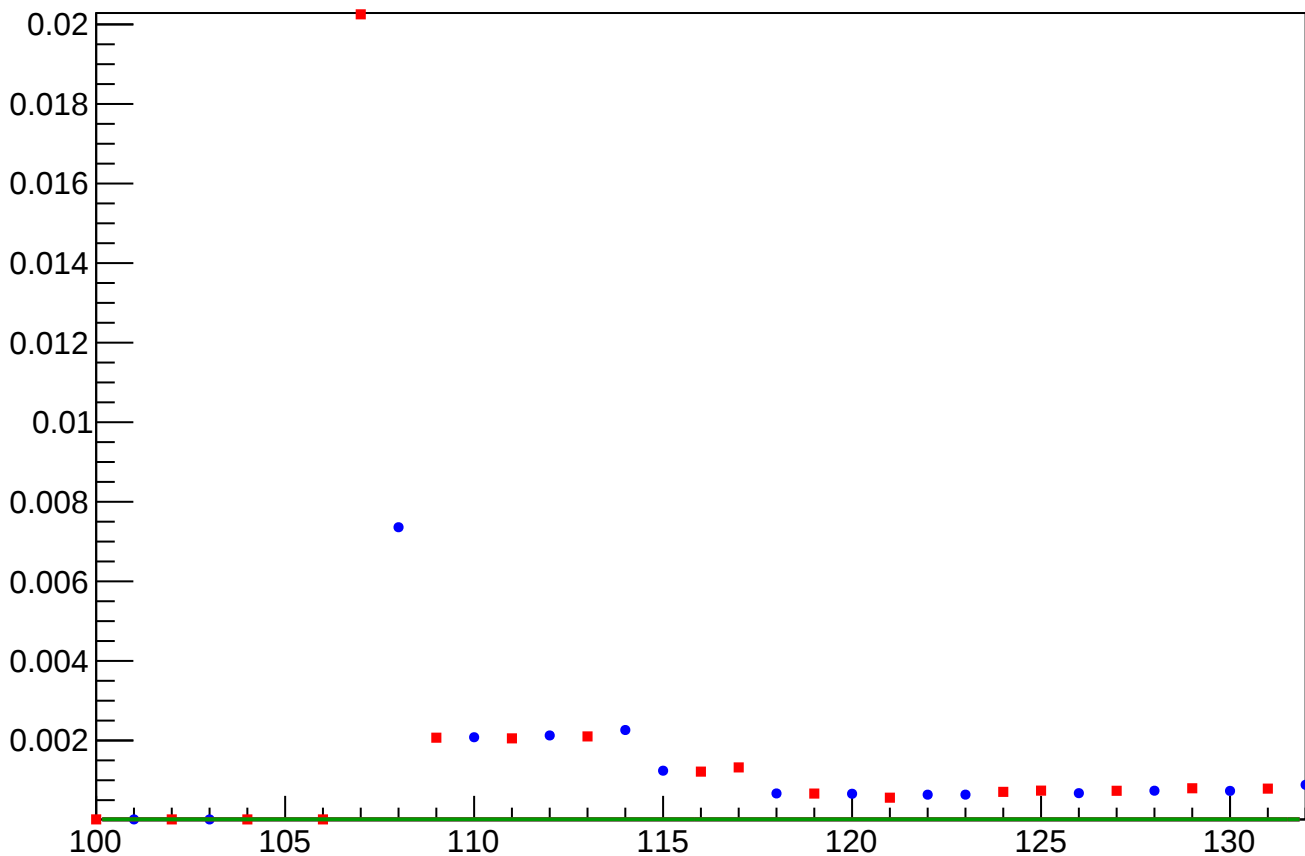
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.662 $\pm$ 0.000 χ^2 /NDF: 3438315967656.2/14

0.550 $\pm$ 0.000 χ^2 /NDF: 47092805022352

0.447 $\pm$ 0.000 χ^2 /NDF: 404395923378374.2/16

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8231031.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7675403.0/16

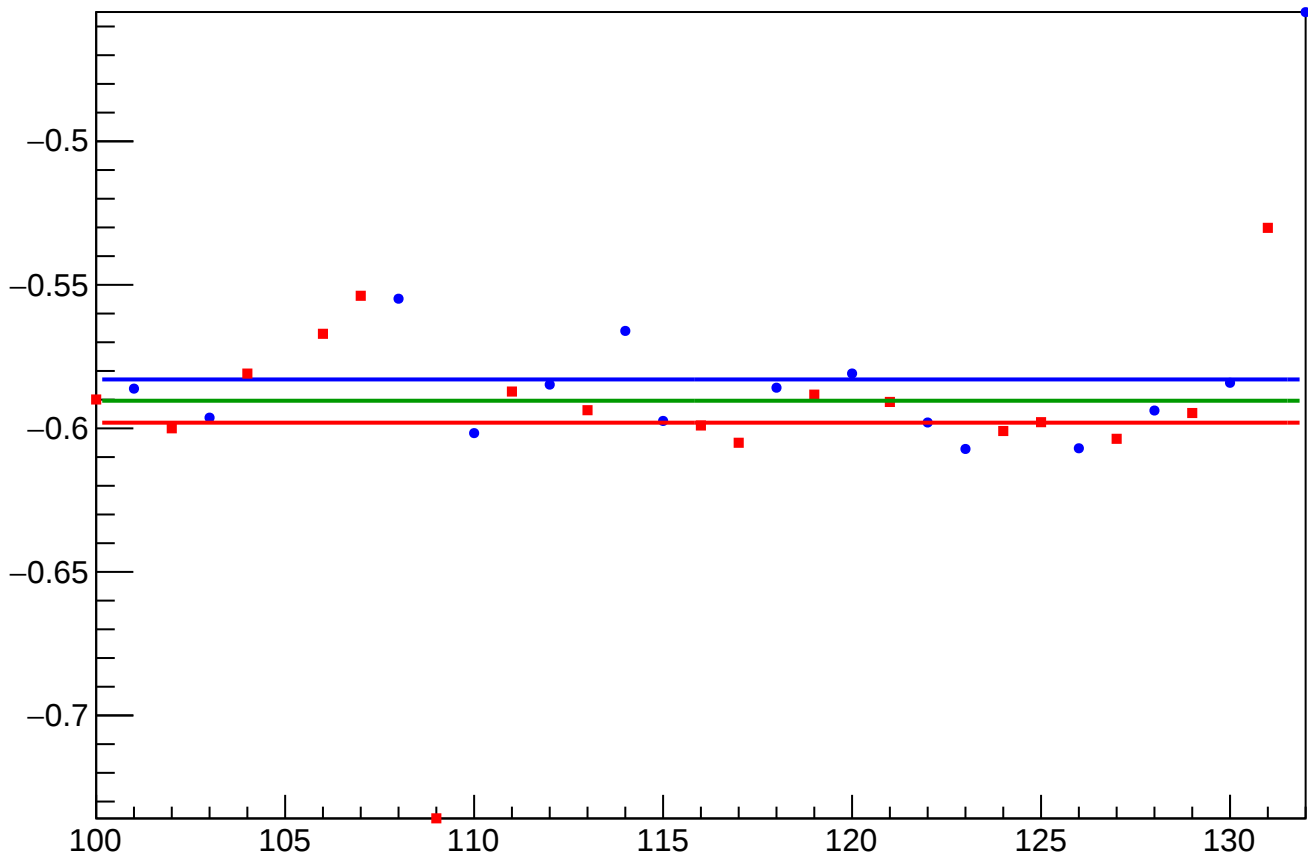
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8231031.6/14

0.000+/-0.000 χ^2/NDF : 15906434.8/31

0.000+/-0.000 χ^2/NDF : 7675403.0/16

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.583+/-0.000 χ^2 /NDF: 8521334.1/14

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

Right Out: -0.598+/-0.000 χ^2 /NDF: 12524526.3/16

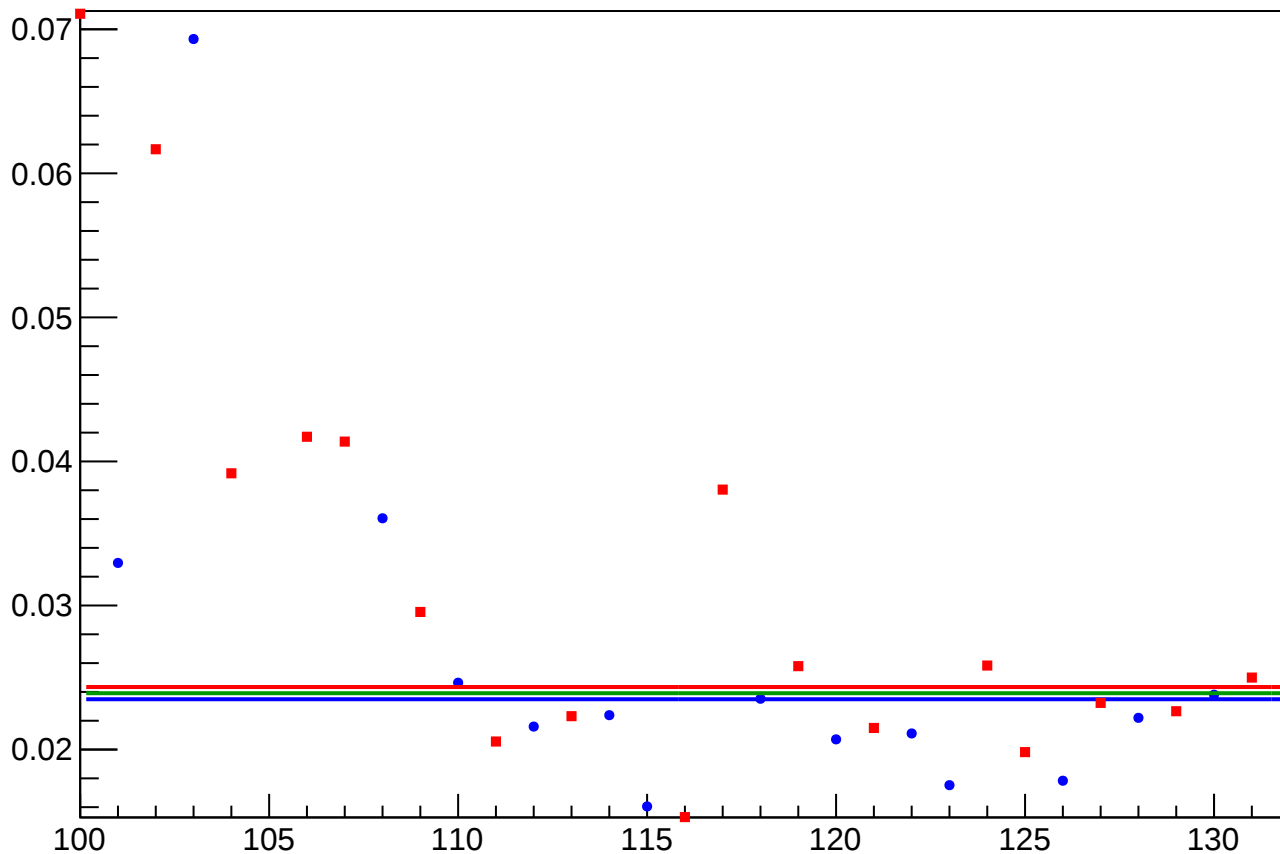
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.583+/-0.000 χ^2 /NDF: 8521334.1/14

-0.590+/-0.000 χ^2 /NDF: 21933169.5/31

-0.598+/-0.000 χ^2 /NDF: 12524526.3/16

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 792856.8/14

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

Right Out: 0.024+/-0.000 χ^2/NDF : 955051.5/16

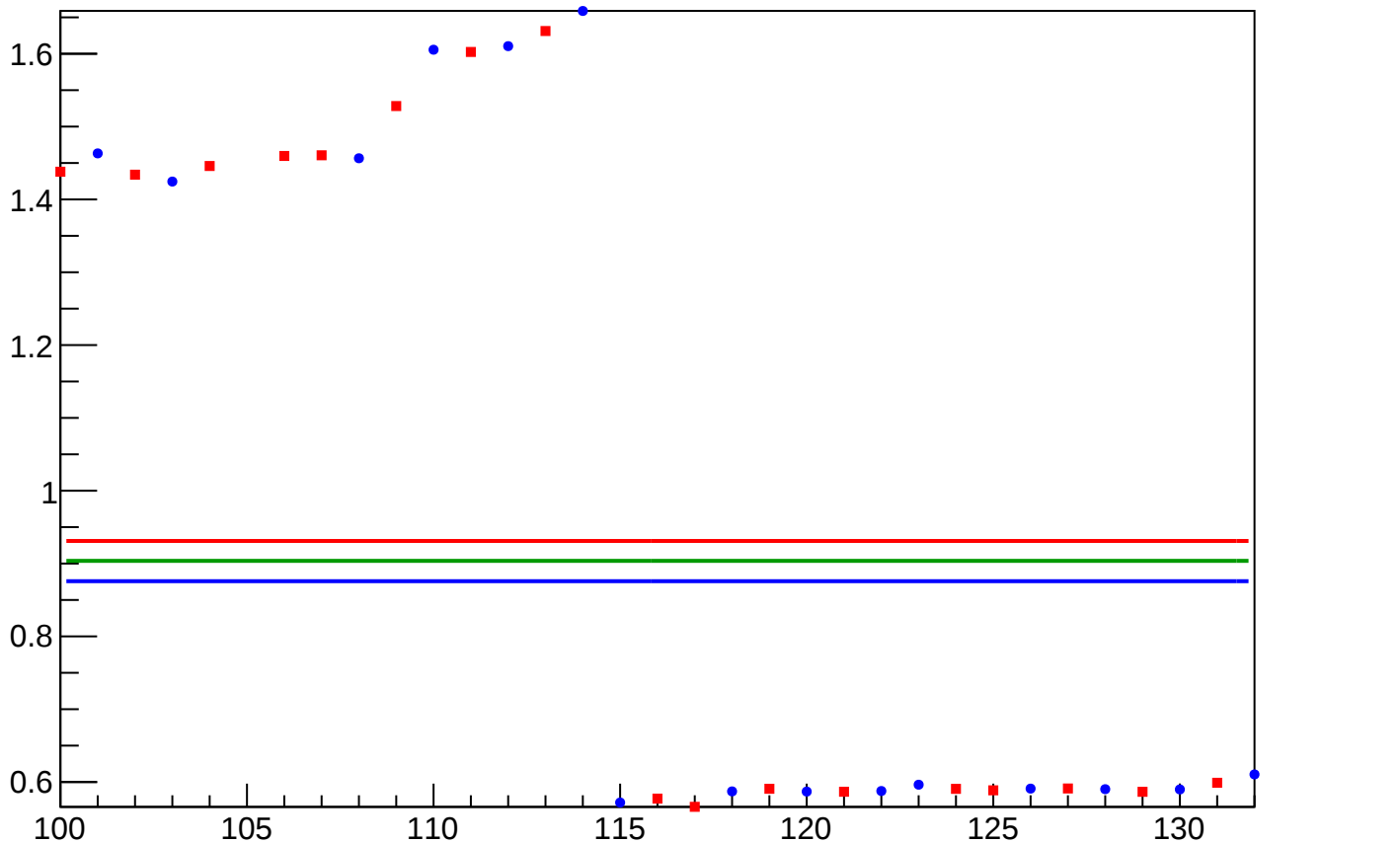
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 792856.8/14

0.024+/-0.000 χ^2/NDF : 1753531.4/31

0.024+/-0.000 χ^2/NDF : 955051.5/16

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.876+/-0.000 χ^2/NDF : 3160376378.2/14

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

Right Out: 0.931+/-0.000 χ^2/NDF : 3573486628.0/16

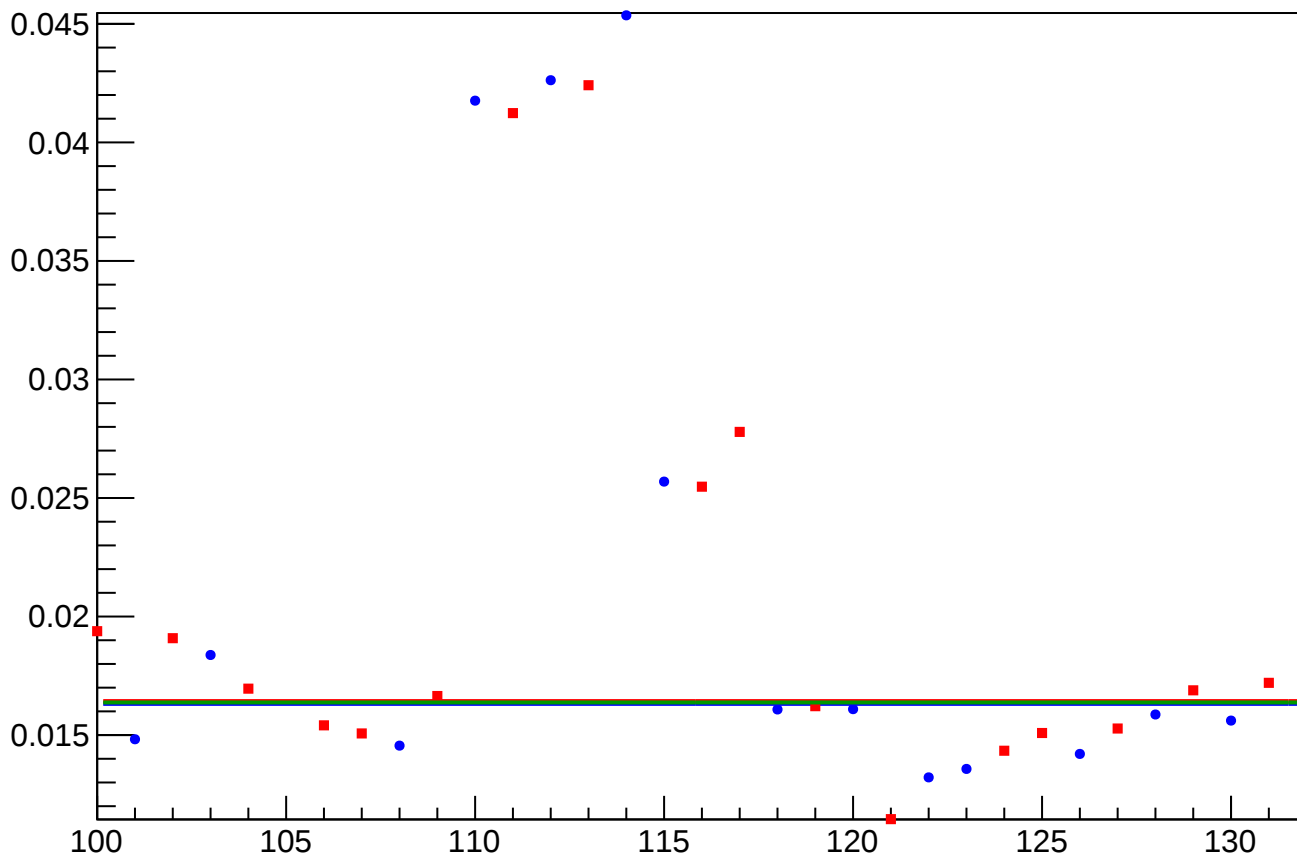
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.876+/-0.000 χ^2/NDF : 3160376378.2/14

0.904+/-0.000 χ^2/NDF : 6762809679.7/31

0.931+/-0.000 χ^2/NDF : 3573486628.0/16

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 817094.5/14

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

Right Out: 0.016+/-0.000 χ^2/NDF : 881396.0/16

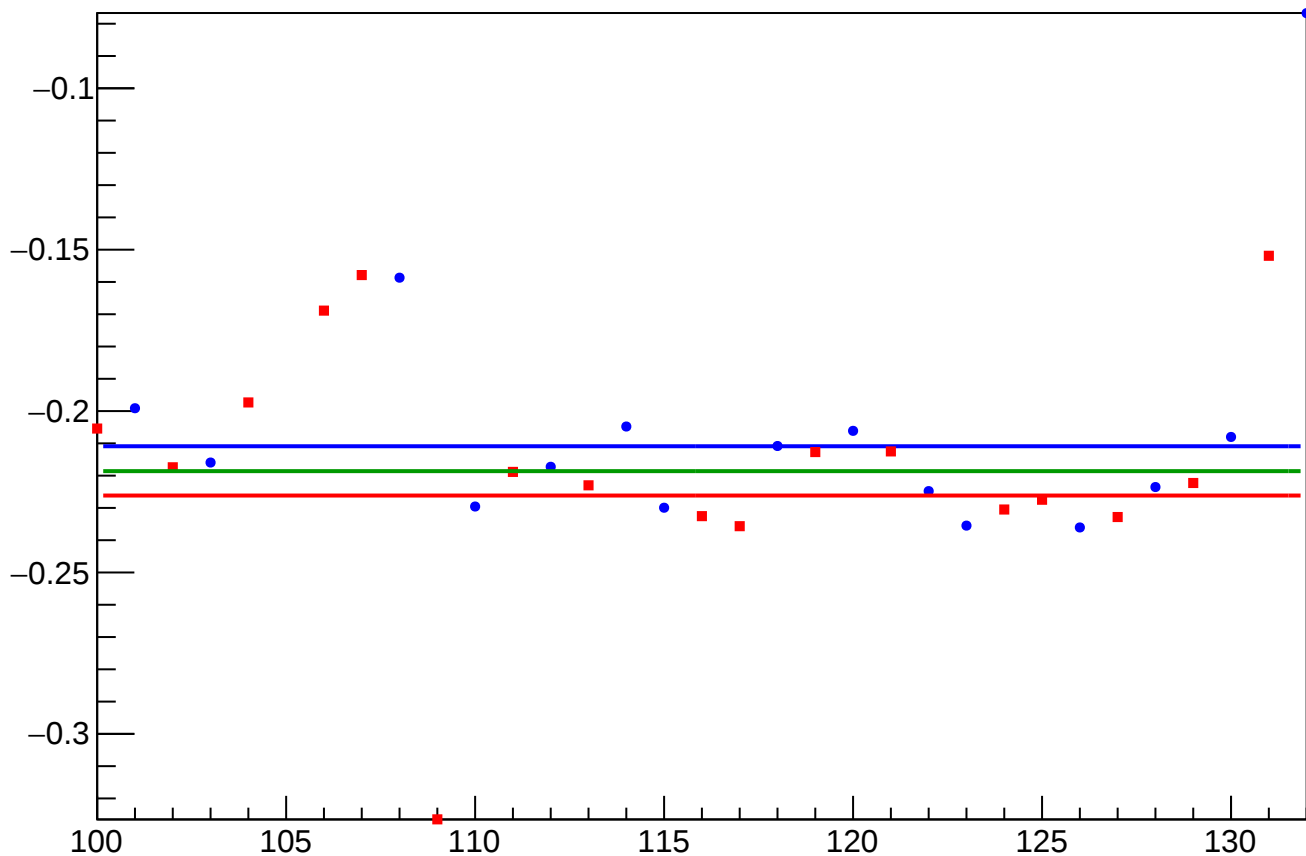
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.016+/-0.000 χ^2/NDF : 817094.5/14

0.016+/-0.000 χ^2/NDF : 1698753.2/31

0.016+/-0.000 χ^2/NDF : 881396.0/16

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.211+/-0.000 χ^2/NDF : 12834040.0/14

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

Right Out: -0.226+/-0.000 χ^2/NDF : 14662061.9/16

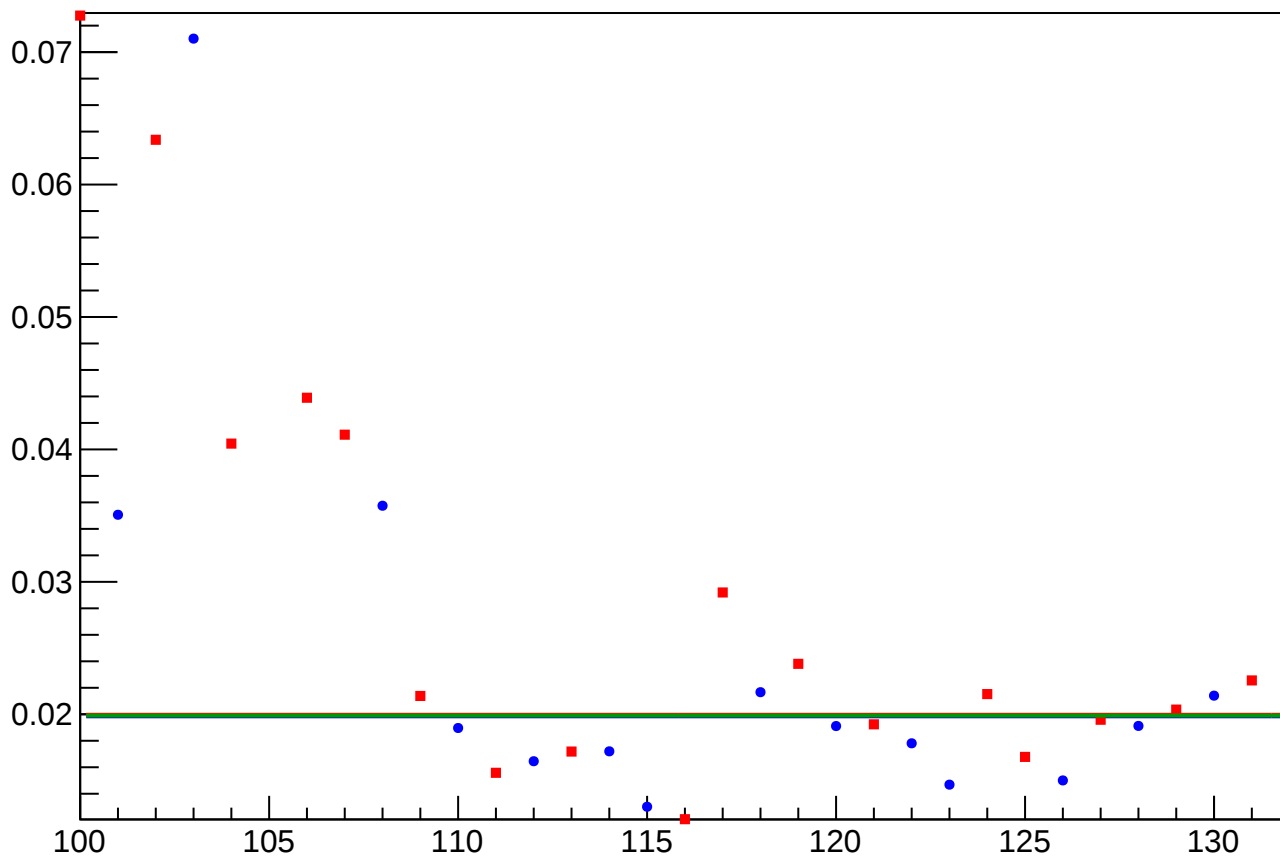
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.211+/-0.000 χ^2/NDF : 12834040.0/14

-0.219+/-0.000 χ^2/NDF : 28767610.6/31

-0.226+/-0.000 χ^2/NDF : 14662061.9/16

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1092330.8/14

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1327929.3/16

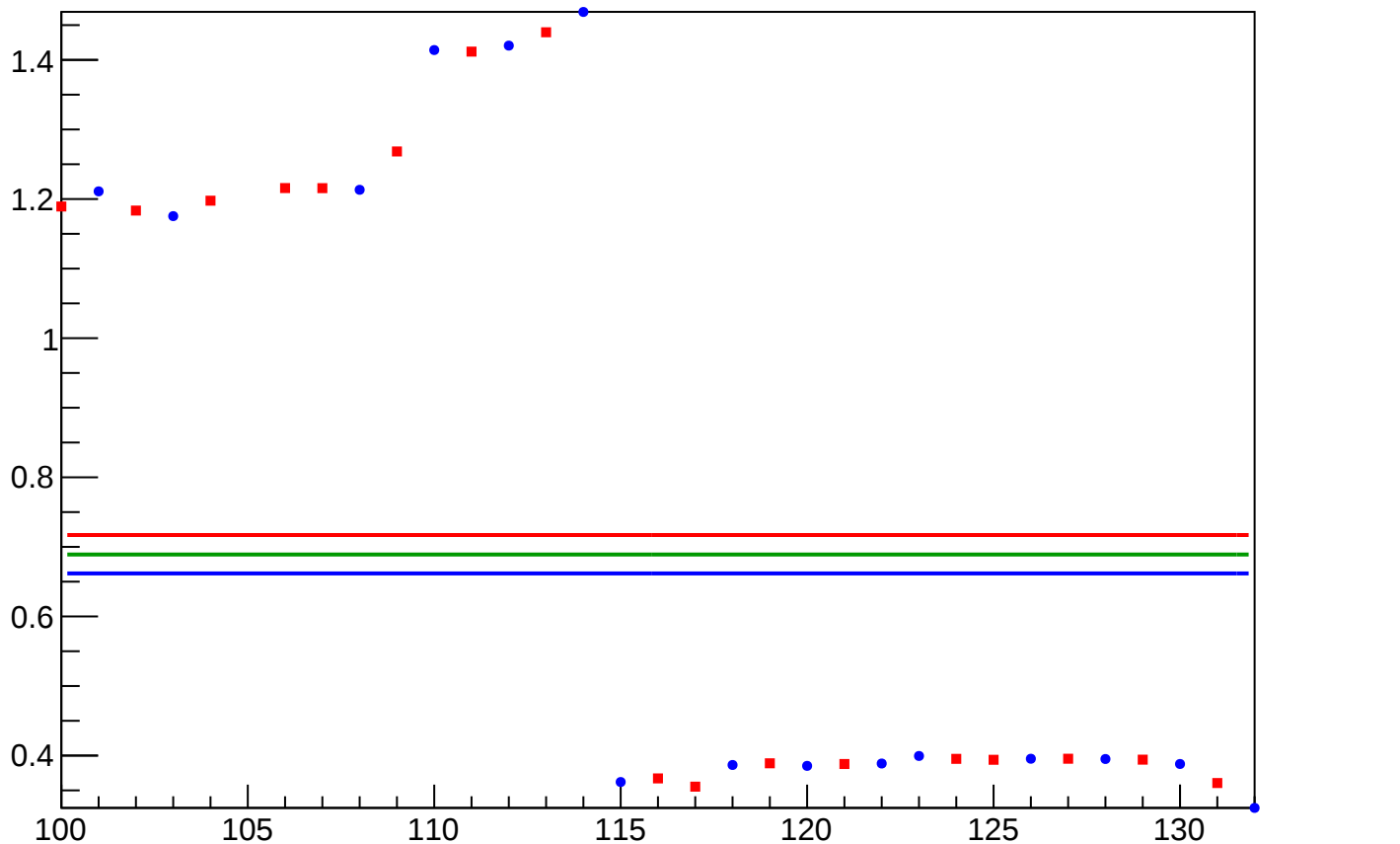
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1092330.8/14

0.020+/-0.000 χ^2/NDF : 2420404.0/31

0.020+/-0.000 χ^2/NDF : 1327929.3/16

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 4169444159.2/14

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

Right Out: 0.717 $\pm$ 0.000 χ^2 /NDF: 4399618062.6/16

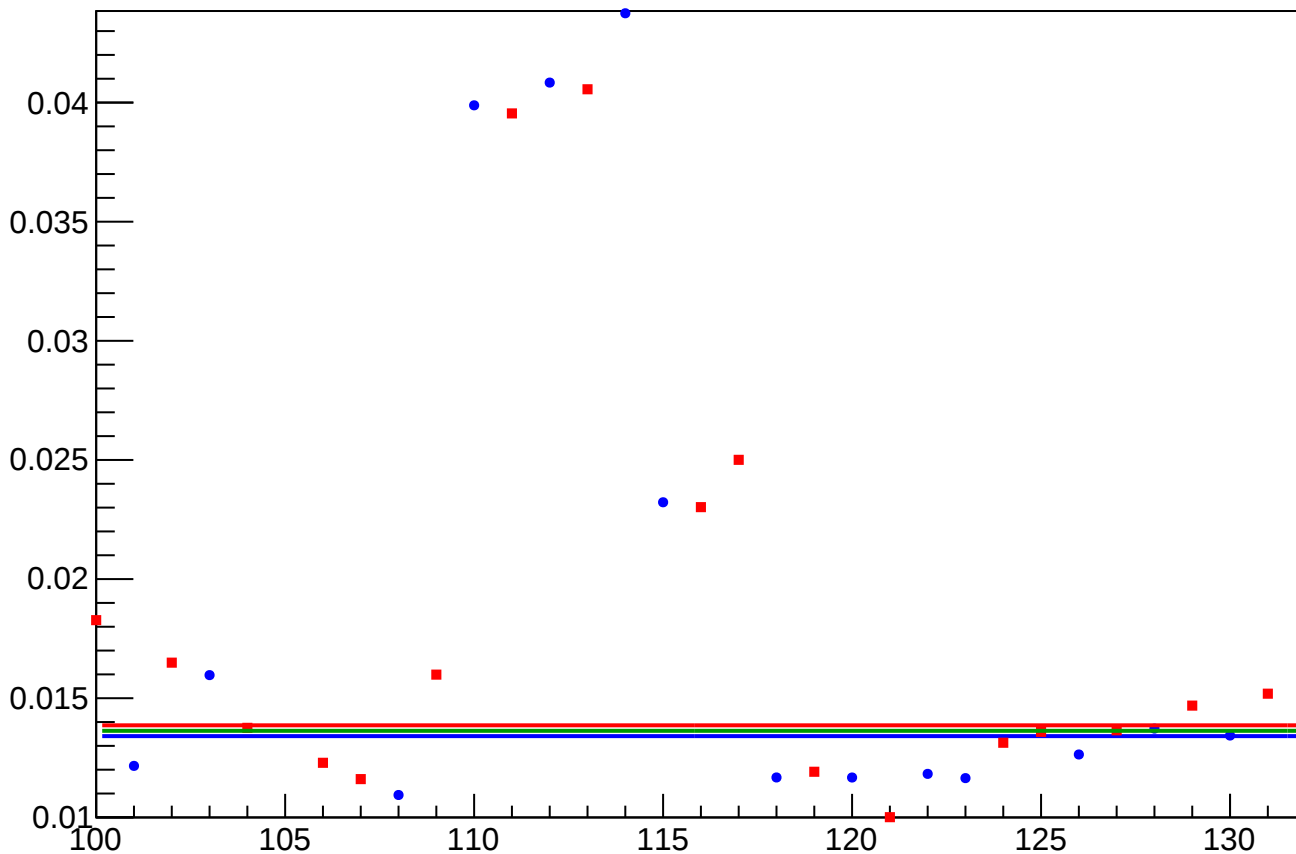
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.662 $\pm$ 0.000 χ^2 /NDF: 4169444159.2/14

0.689 $\pm$ 0.000 χ^2 /NDF: 8609626213.1/31

0.717 $\pm$ 0.000 χ^2 /NDF: 4399618062.6/16

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1005500.5/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1027214.9/16

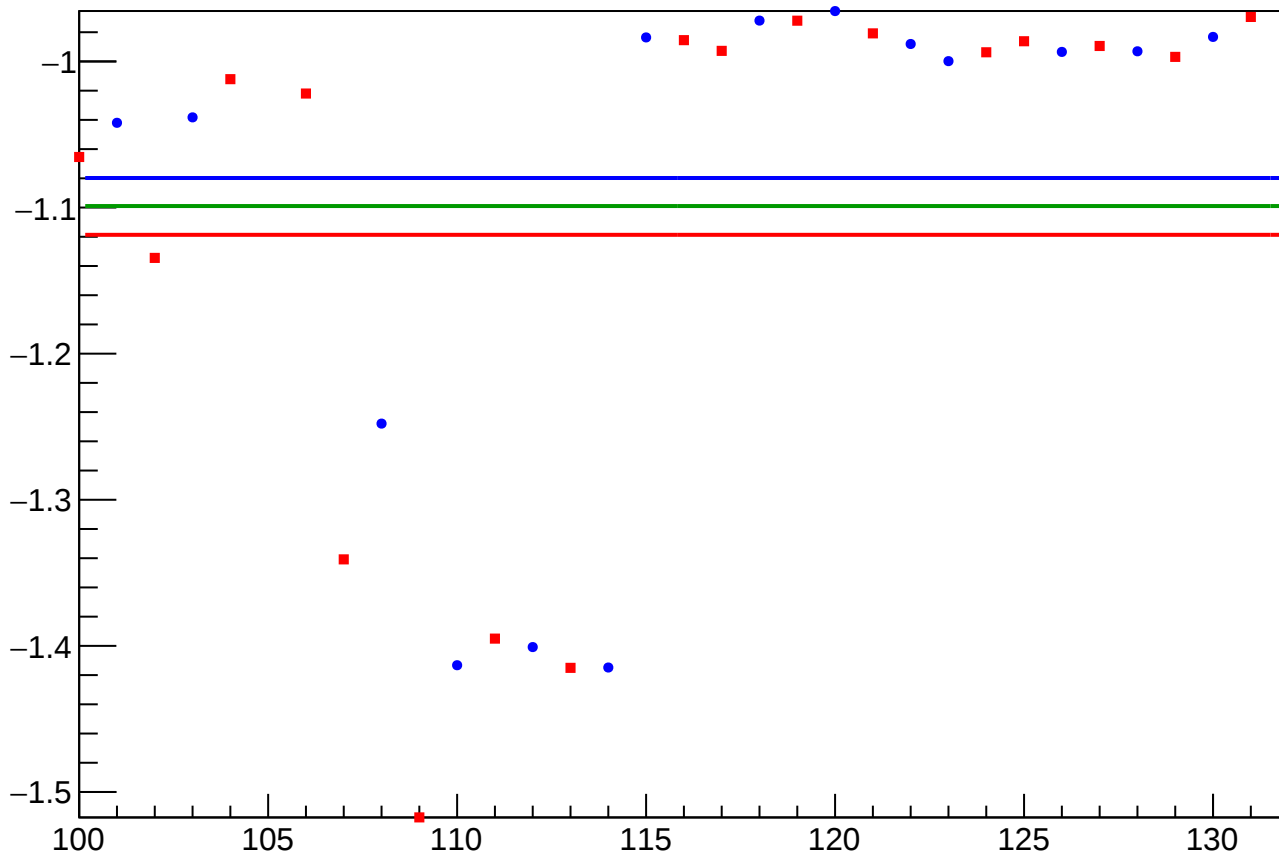
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1005500.5/14

0.014+/-0.000 χ^2/NDF : 2038179.9/31

0.014+/-0.000 χ^2/NDF : 1027214.9/16

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.080+/-0.000 χ^2 /NDF: 226697046.8/14

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

Right Out: -1.119+/-0.000 χ^2 /NDF: 323358710.1/16

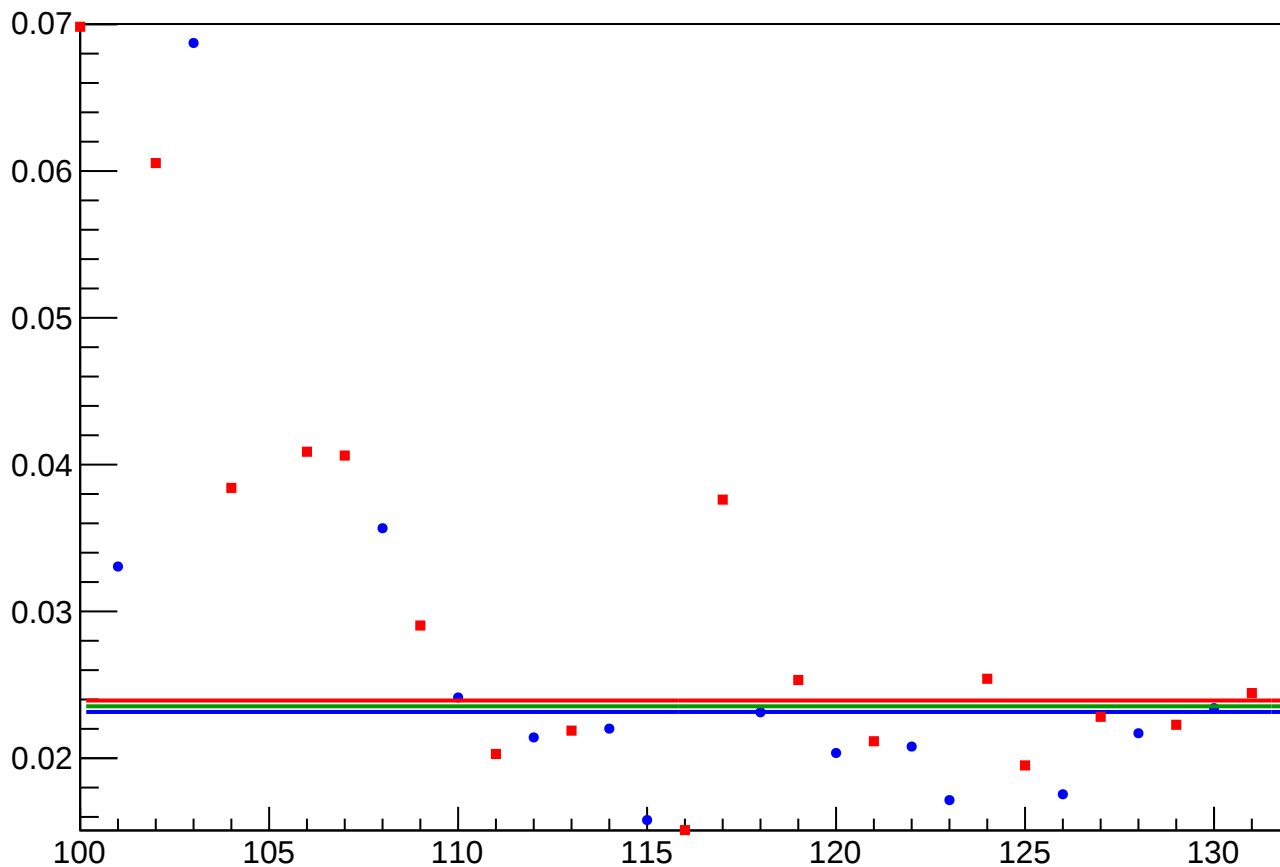
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.080+/-0.000 χ^2 /NDF: 226697046.8/14

-1.099+/-0.000 χ^2 /NDF: 556150522.5/31

-1.119+/-0.000 χ^2 /NDF: 323358710.1/16

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 808974.1/14

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

Right Out: 0.024+/-0.000 χ^2/NDF : 948099.2/16

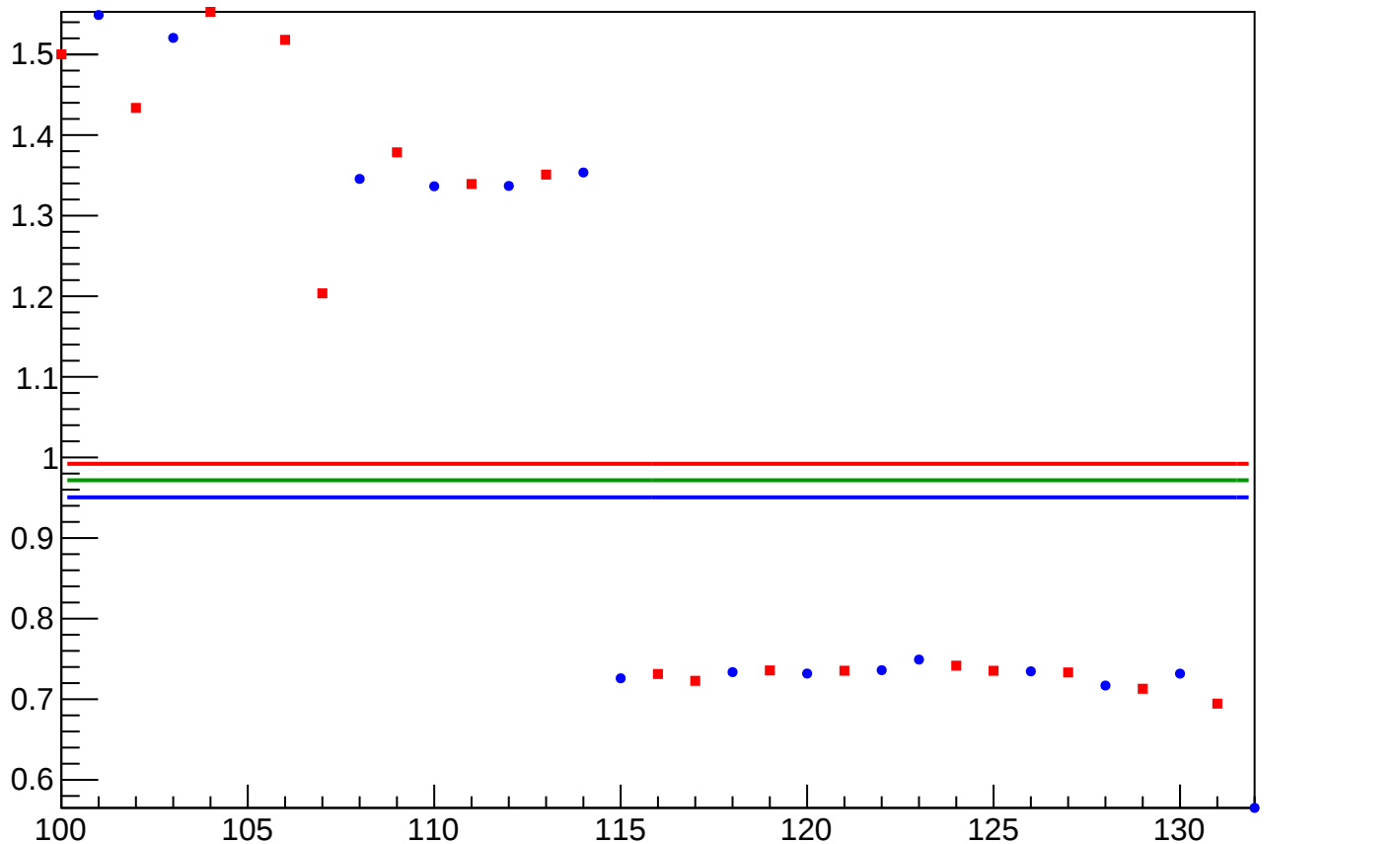
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 808974.1/14

0.024+/-0.000 χ^2/NDF : 1761972.8/31

0.024+/-0.000 χ^2/NDF : 948099.2/16

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.951+/-0.000 χ^2/NDF : 2241440885.0/14

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

Right Out: 0.992+/-0.000 χ^2/NDF : 2194867718.1/16

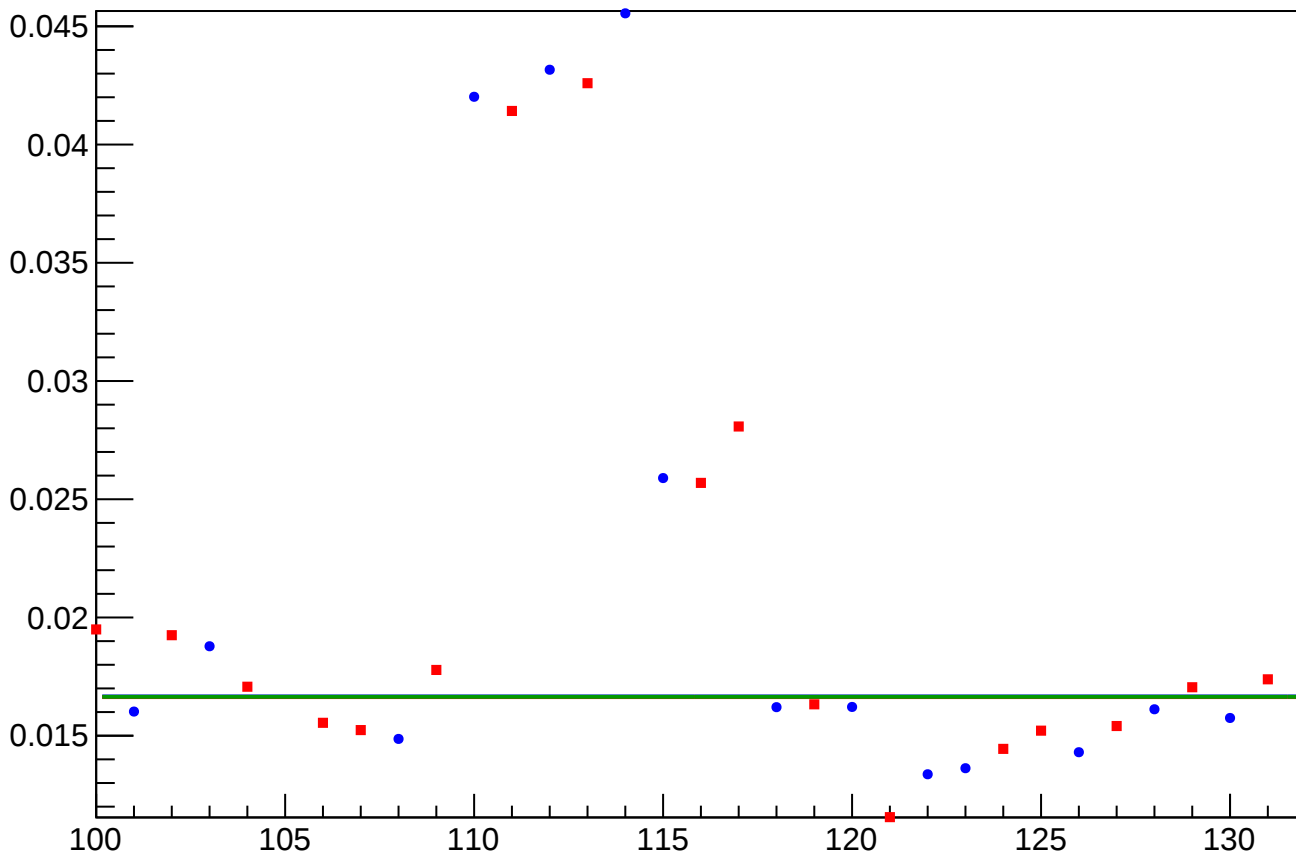
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.951+/-0.000 χ^2/NDF : 2241440885.0/14

0.972+/-0.000 χ^2/NDF : 4452138005.0/31

0.992+/-0.000 χ^2/NDF : 2194867718.1/16

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 805968.4/14

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

Right Out: 0.017+/-0.000 χ^2/NDF : 880522.1/16

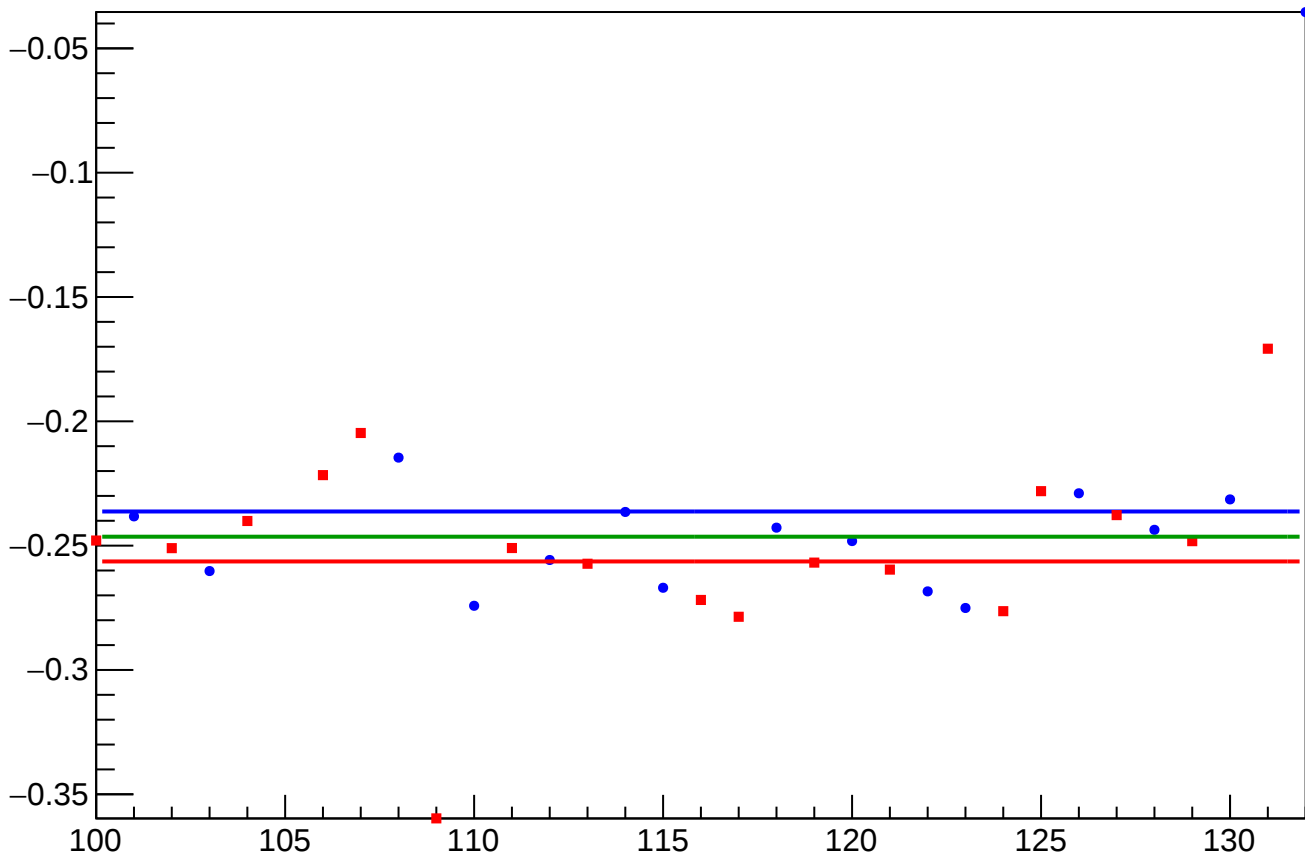
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 805968.4/14

0.017+/-0.000 χ^2/NDF : 1686499.9/31

0.017+/-0.000 χ^2/NDF : 880522.1/16

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.236+/-0.000 χ^2/NDF : 28297311.5/14

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

Right Out: -0.256+/-0.000 χ^2/NDF : 16814544.0/16

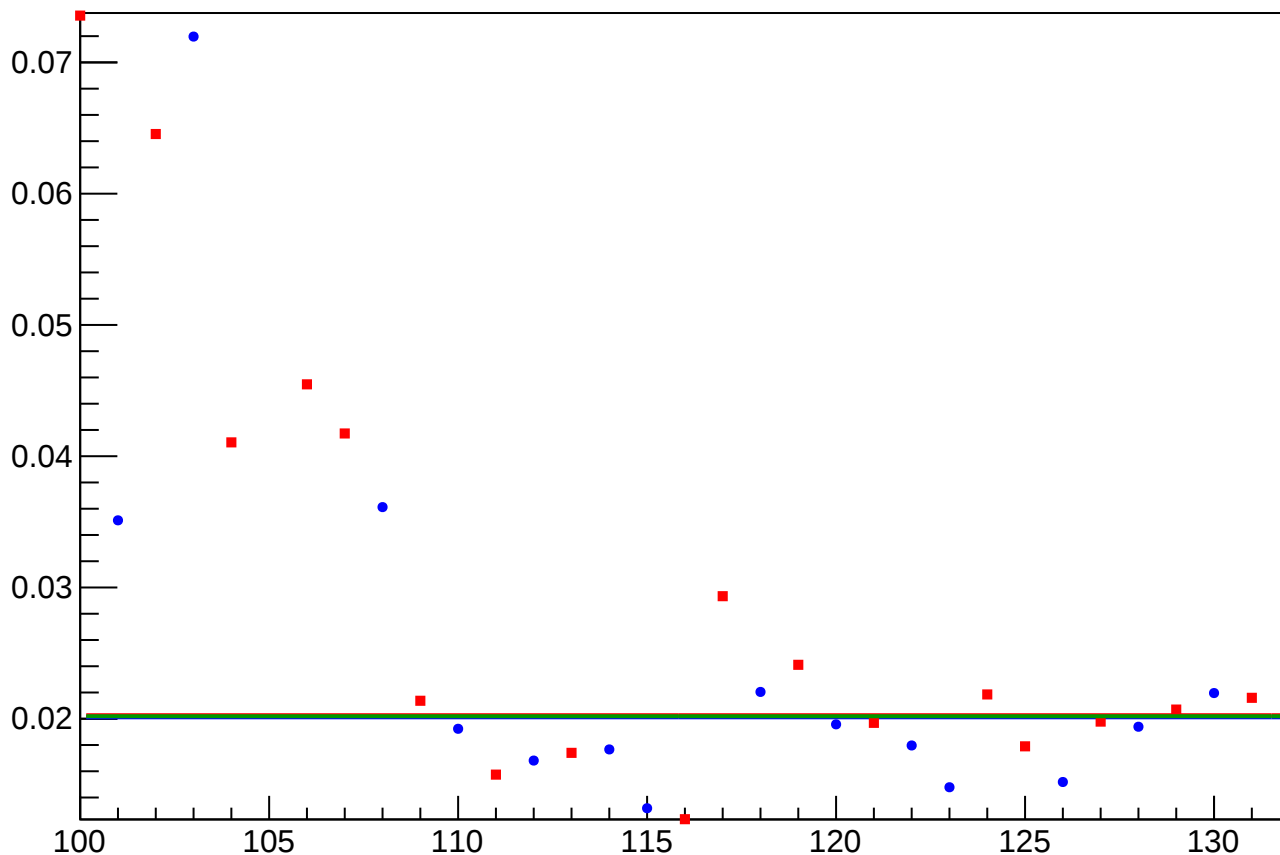
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.236+/-0.000 χ^2/NDF : 28297311.5/14

-0.246+/-0.000 χ^2/NDF : 47255680.4/31

-0.256+/-0.000 χ^2/NDF : 16814544.0/16

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1073831.4/14

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1317419.3/16

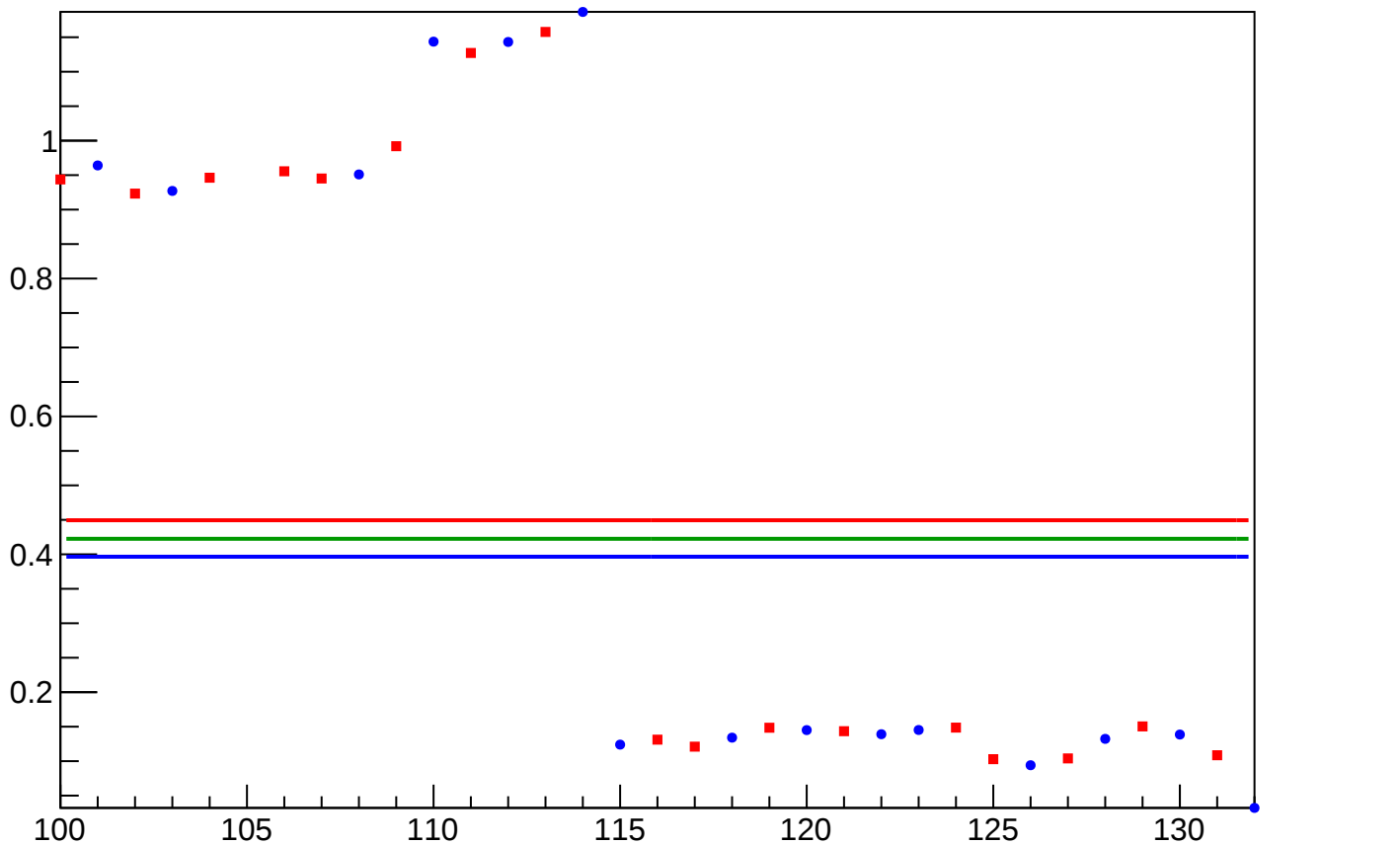
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1073831.4/14

0.020+/-0.000 χ^2/NDF : 2391520.5/31

0.020+/-0.000 χ^2/NDF : 1317419.3/16

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.397+/-0.000 χ^2/NDF : 4277848162.1/14

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

Right Out: 0.449+/-0.000 χ^2/NDF : 4339707395.4/16

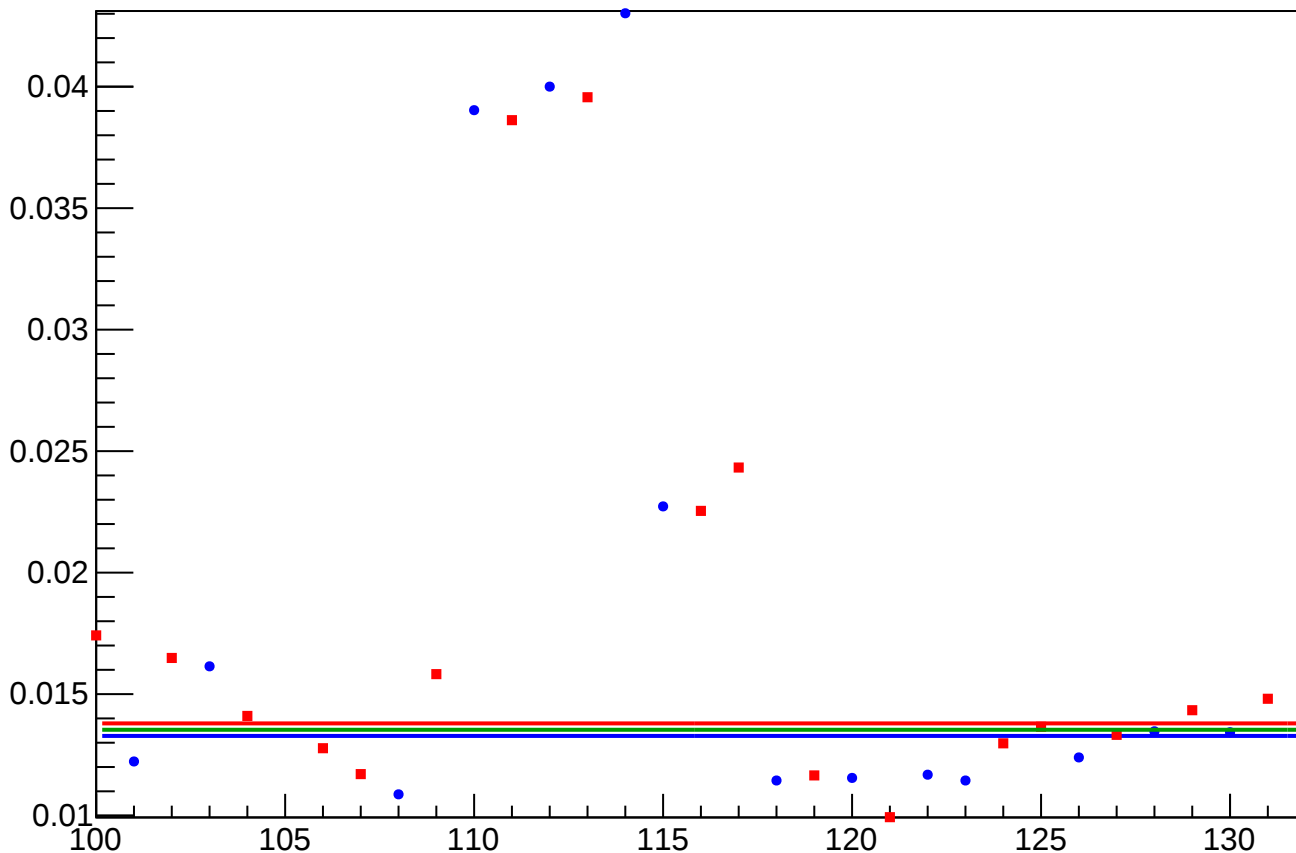
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.397+/-0.000 χ^2/NDF : 4277848162.1/14

0.423+/-0.000 χ^2/NDF : 8655426765.1/31

0.449+/-0.000 χ^2/NDF : 4339707395.4/16

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 990321.5/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1004265.0/16

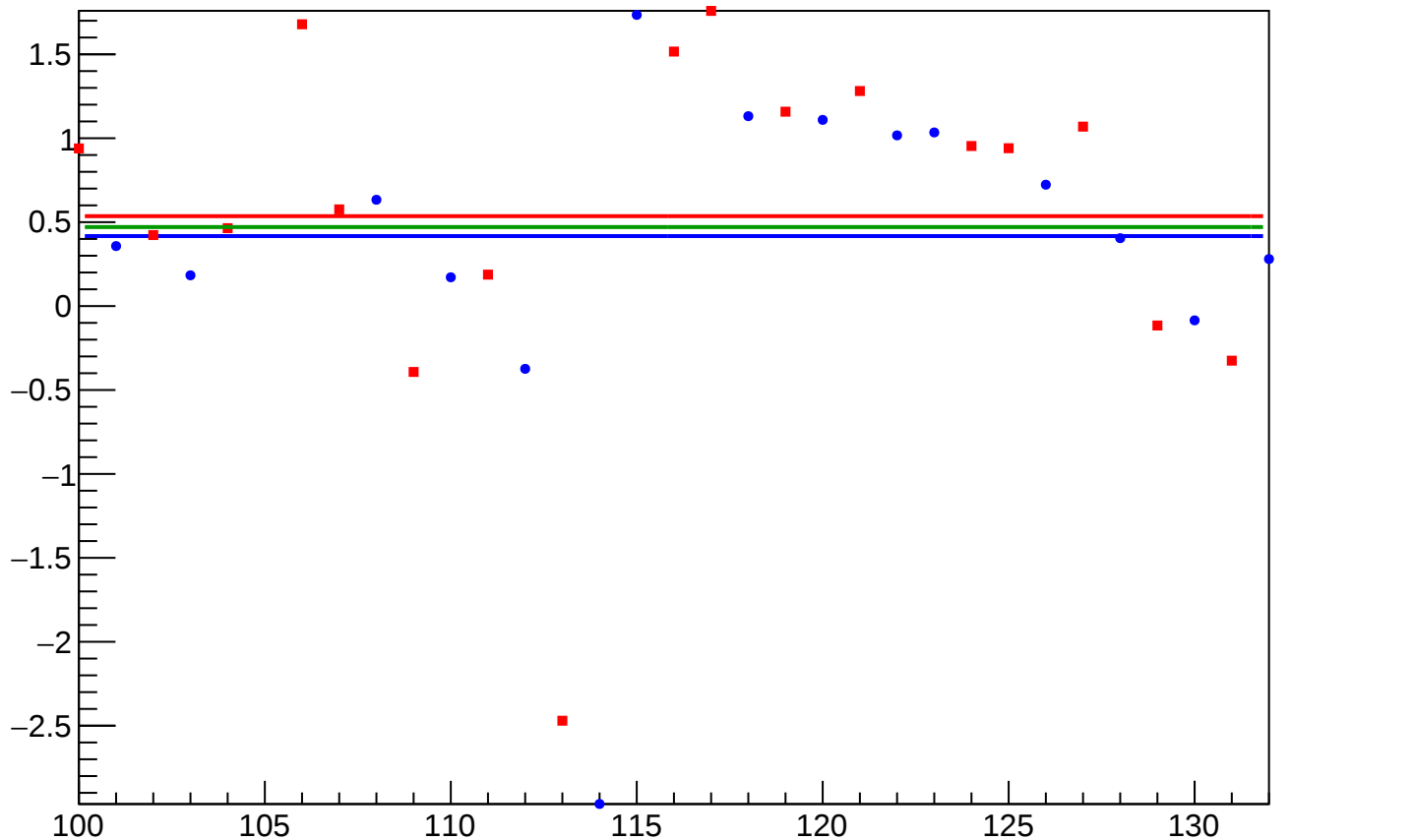
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 990321.5/14

0.014+/-0.000 χ^2/NDF : 2001775.5/31

0.014+/-0.000 χ^2/NDF : 1004265.0/16

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.417+/-0.000 χ^2/NDF : 231959466.6/14

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

Right Out: 0.536+/-0.000 χ^2/NDF : 985199506.5/16

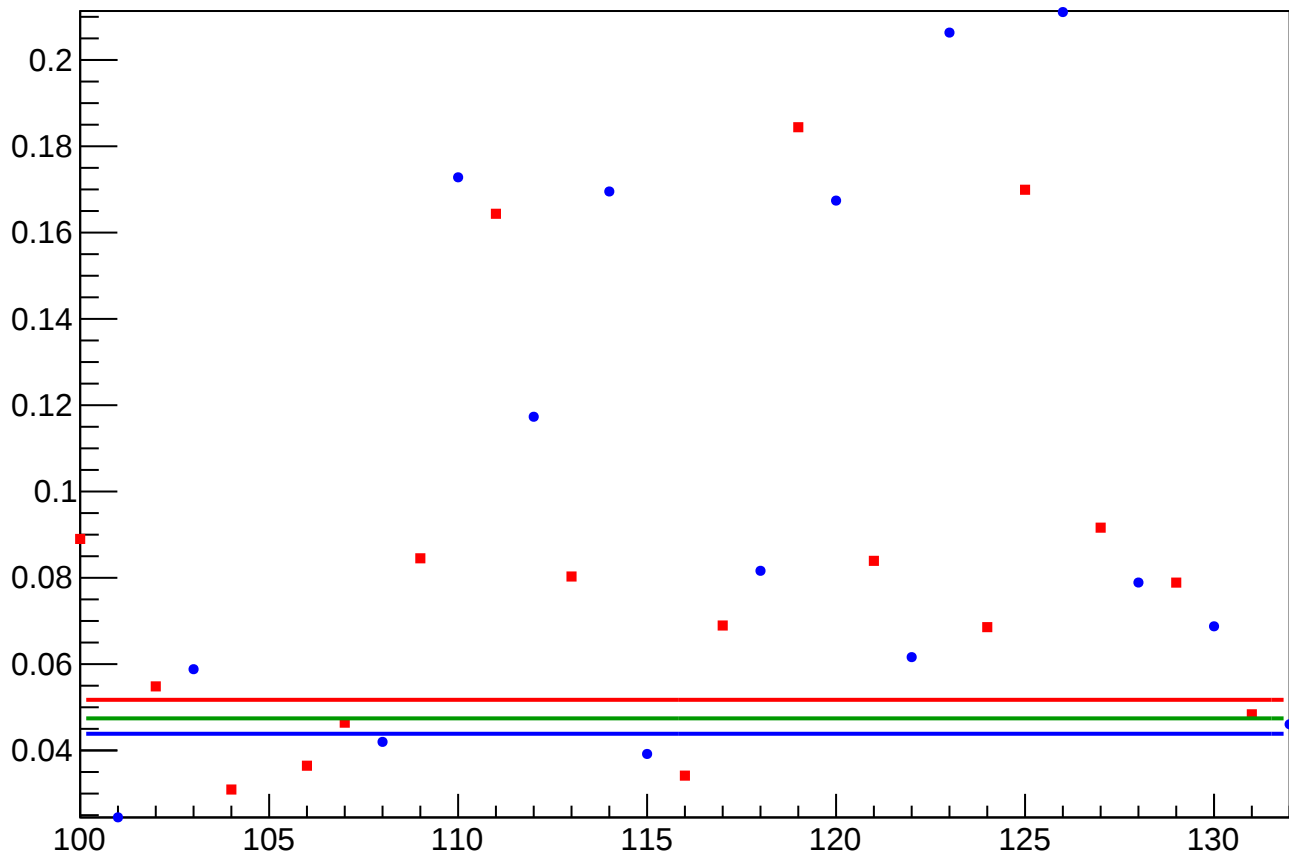
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.417+/-0.000 χ^2/NDF : 231959466.6/14

0.471+/-0.000 χ^2/NDF : 1227330688.8/31

0.536+/-0.000 χ^2/NDF : 985199506.5/16

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2738592.4/14

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

Right Out: 0.052+/-0.000 χ^2/NDF : 2151907.8/16

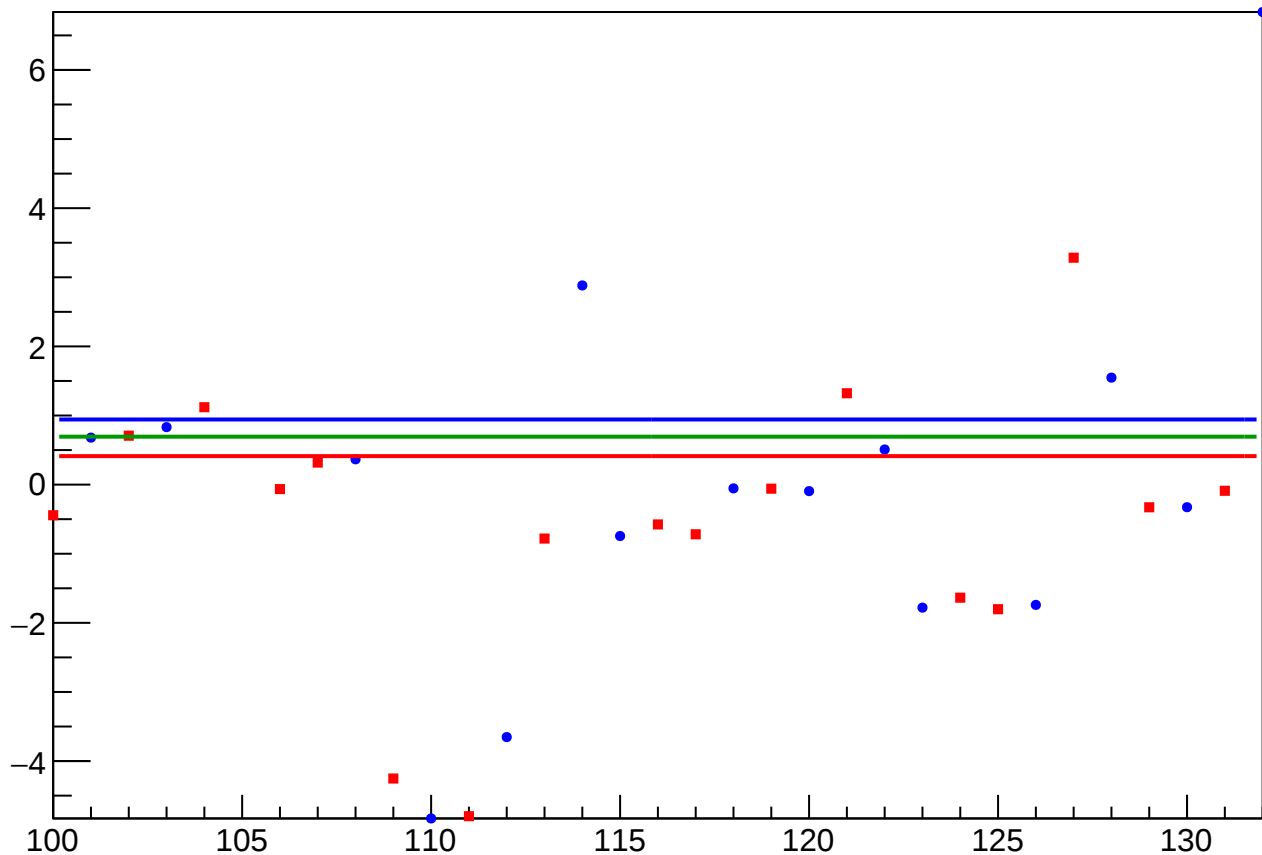
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2738592.4/14

0.047+/-0.000 χ^2/NDF : 4979916.1/31

0.052+/-0.000 χ^2/NDF : 2151907.8/16

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.943+/-0.000 χ^2/NDF : 10050427010.8/14

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

Right Out: 0.412+/-0.000 χ^2/NDF : 4365301576.1/16

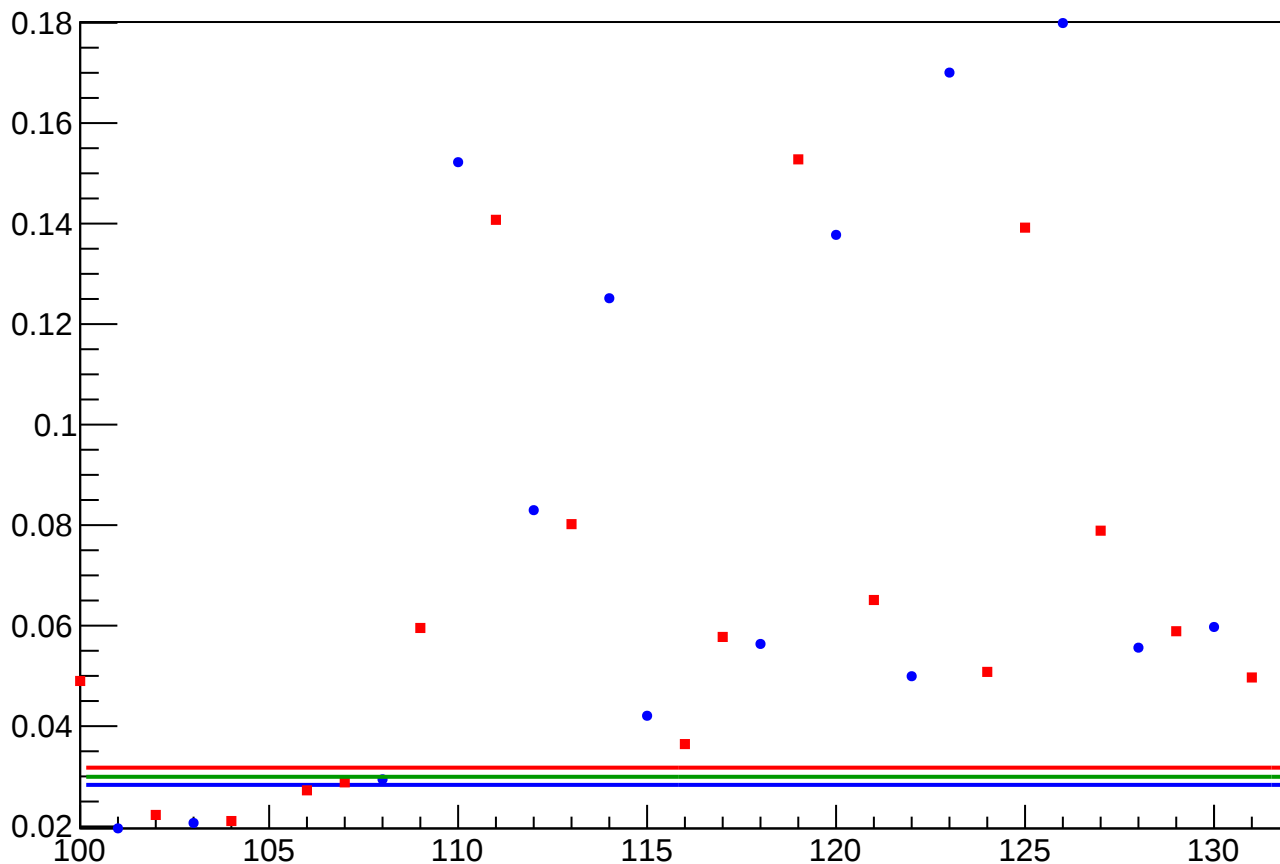
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.943+/-0.000 χ^2/NDF : 10050427010.8/14

0.694+/-0.000 χ^2/NDF : 14905335350.8/3

0.412+/-0.000 χ^2/NDF : 4365301576.1/16

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 2802072.6/14

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

Right Out: 0.032+/-0.000 χ^2/NDF : 2883415.9/16

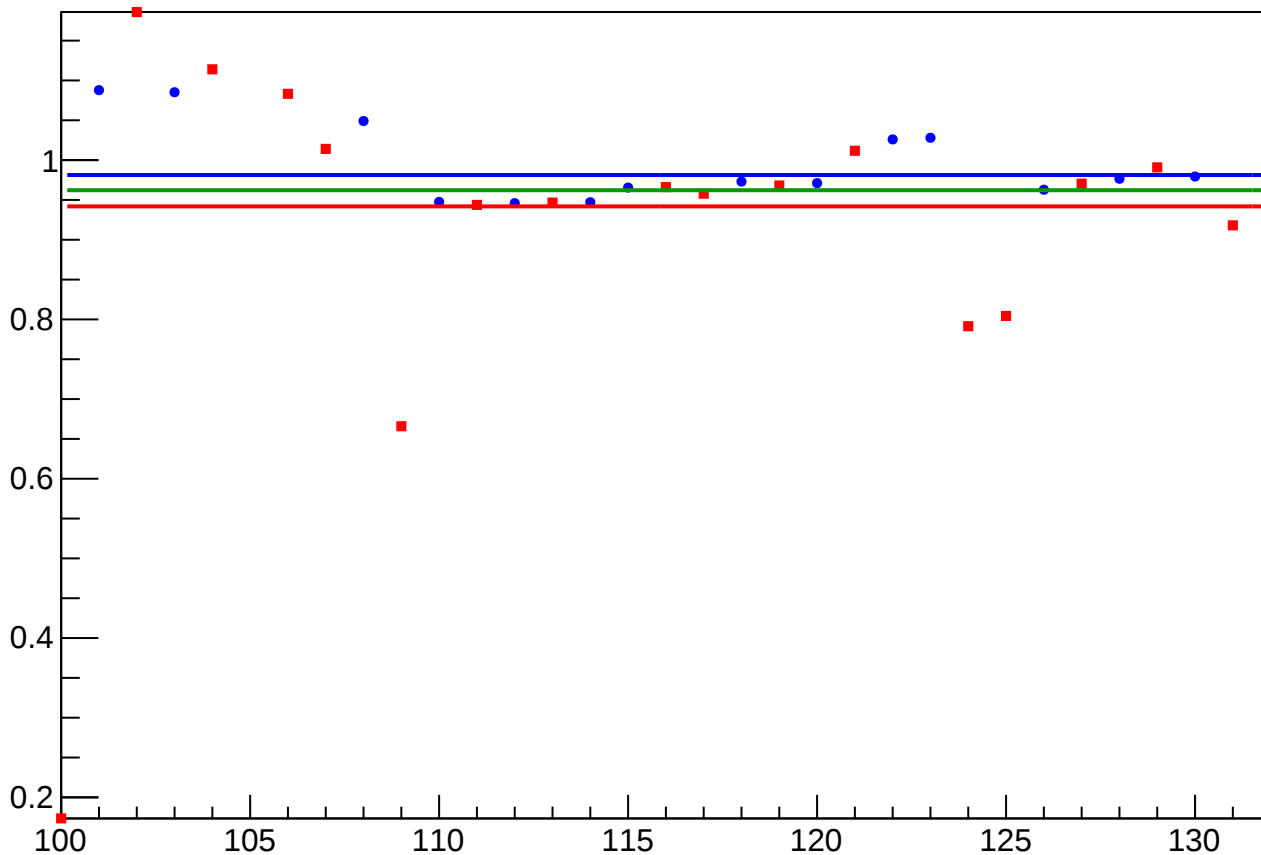
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 2802072.6/14

0.030+/-0.000 χ^2/NDF : 5726410.5/31

0.032+/-0.000 χ^2/NDF : 2883415.9/16

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.981+/-0.000 χ^2/NDF : 68810111.3/14

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

Right Out: 0.942+/-0.000 χ^2/NDF : 321906495.1/16

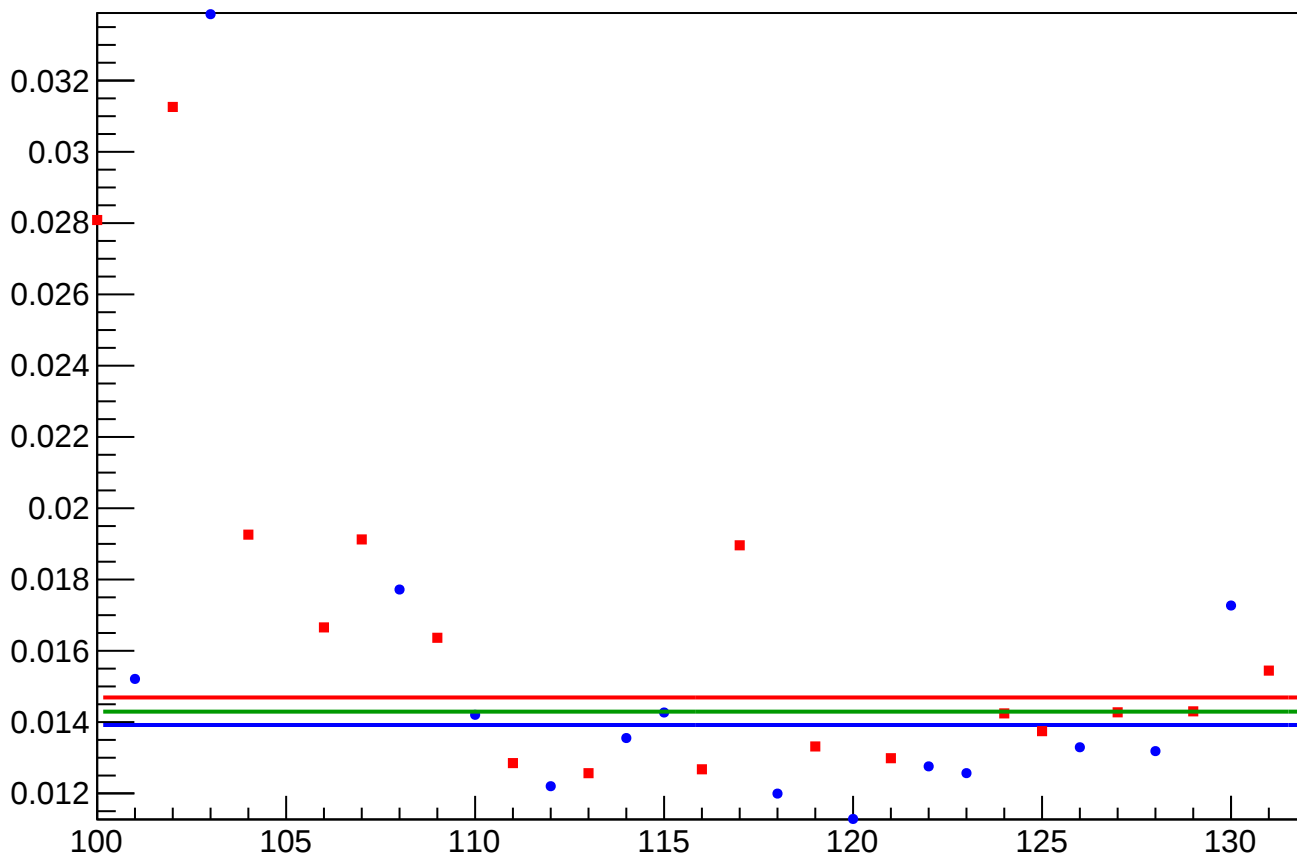
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.981+/-0.000 χ^2/NDF : 68810111.3/14

0.962+/-0.000 χ^2/NDF : 409708683.3/31

0.942+/-0.000 χ^2/NDF : 321906495.1/16

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 528703.0/14

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

Right Out: 0.015+/-0.000 χ^2/NDF : 474228.0/16

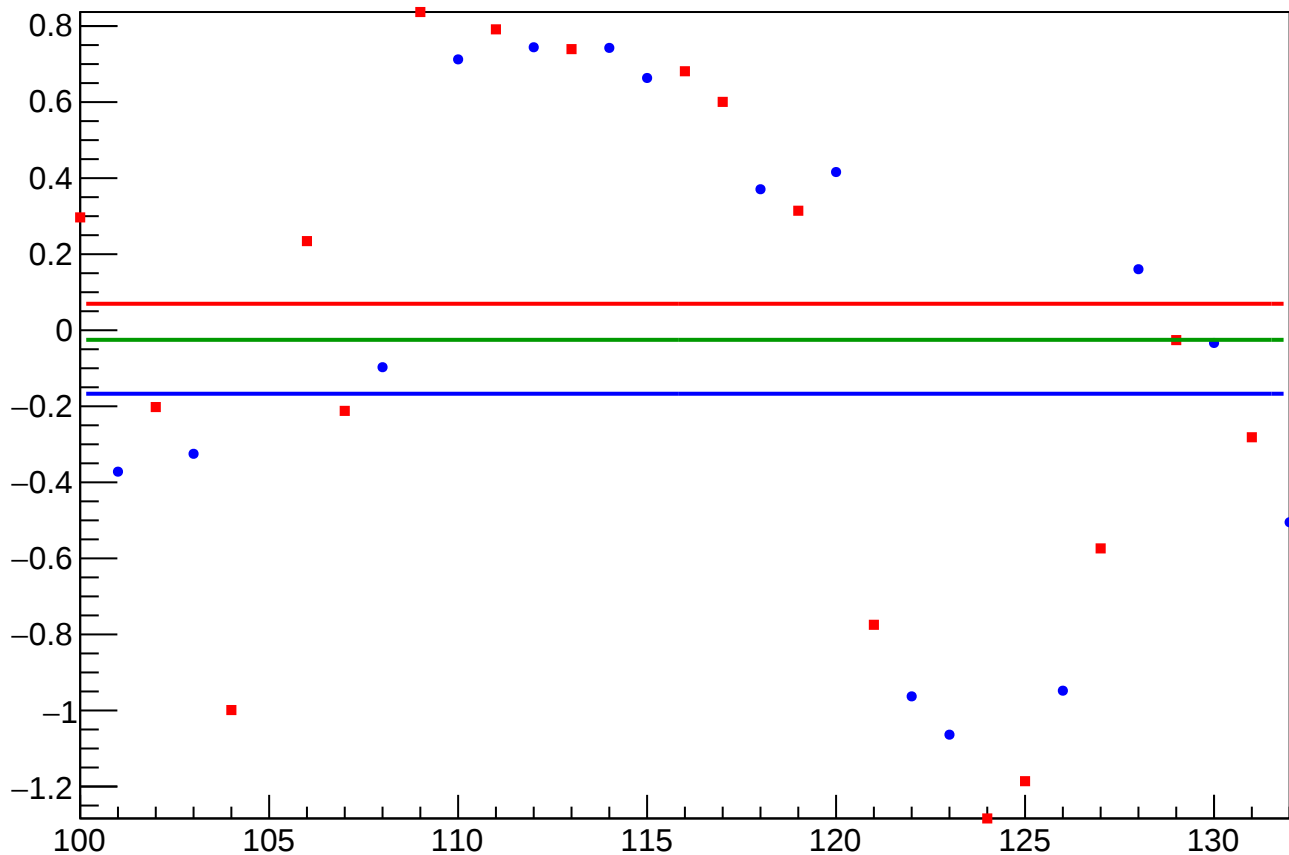
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 528703.0/14

0.014+/-0.000 χ^2/NDF : 1017518.9/31

0.015+/-0.000 χ^2/NDF : 474228.0/16

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.167+/-0.000 χ^2/NDF : 4702382828.7/14

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

Right Out: 0.070+/-0.000 χ^2/NDF : 11925395859.3/16

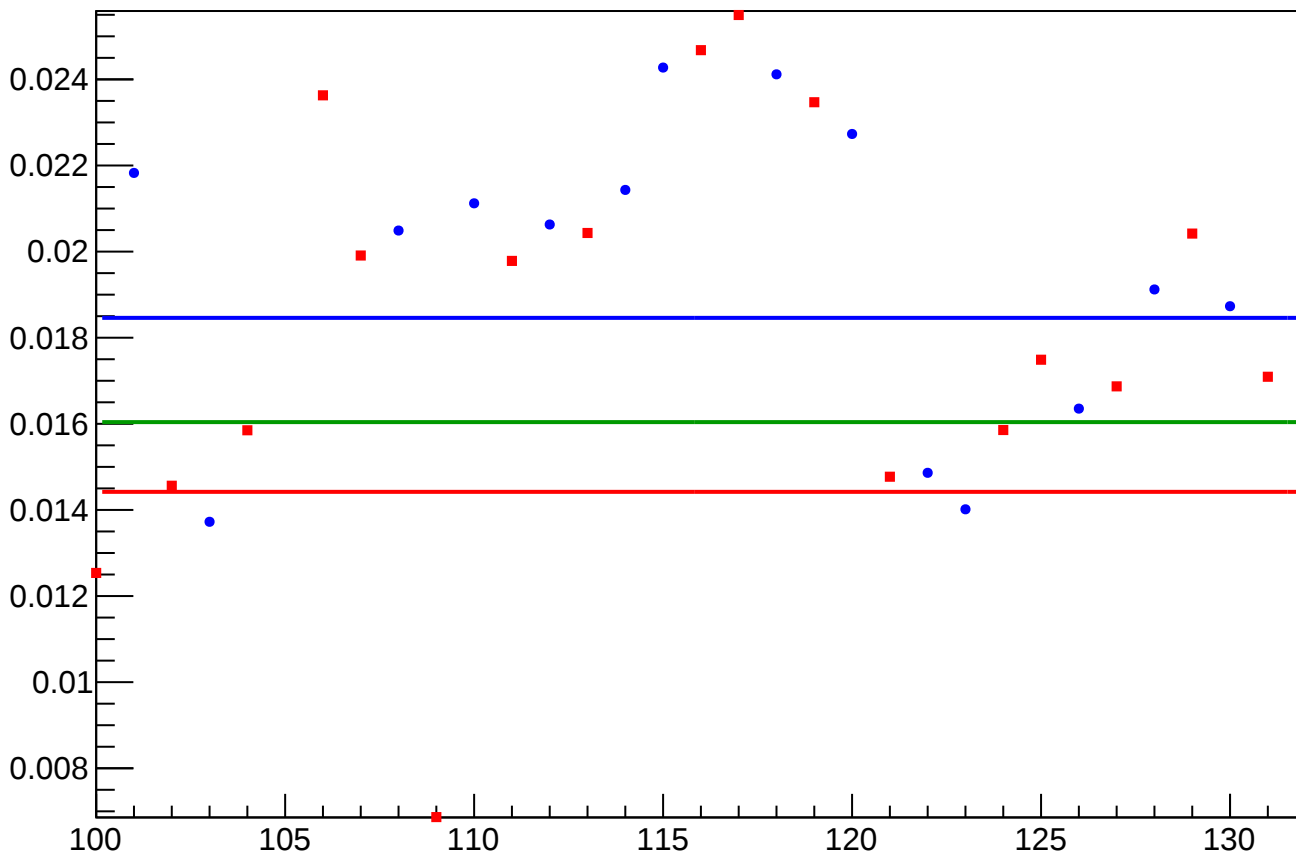
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.167+/-0.000 χ^2/NDF : 4702382828.7/14

-0.025+/-0.000 χ^2/NDF : 17129863128.2/3

0.070+/-0.000 χ^2/NDF : 11925395859.3/16

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 364555.1/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1409302.3/16

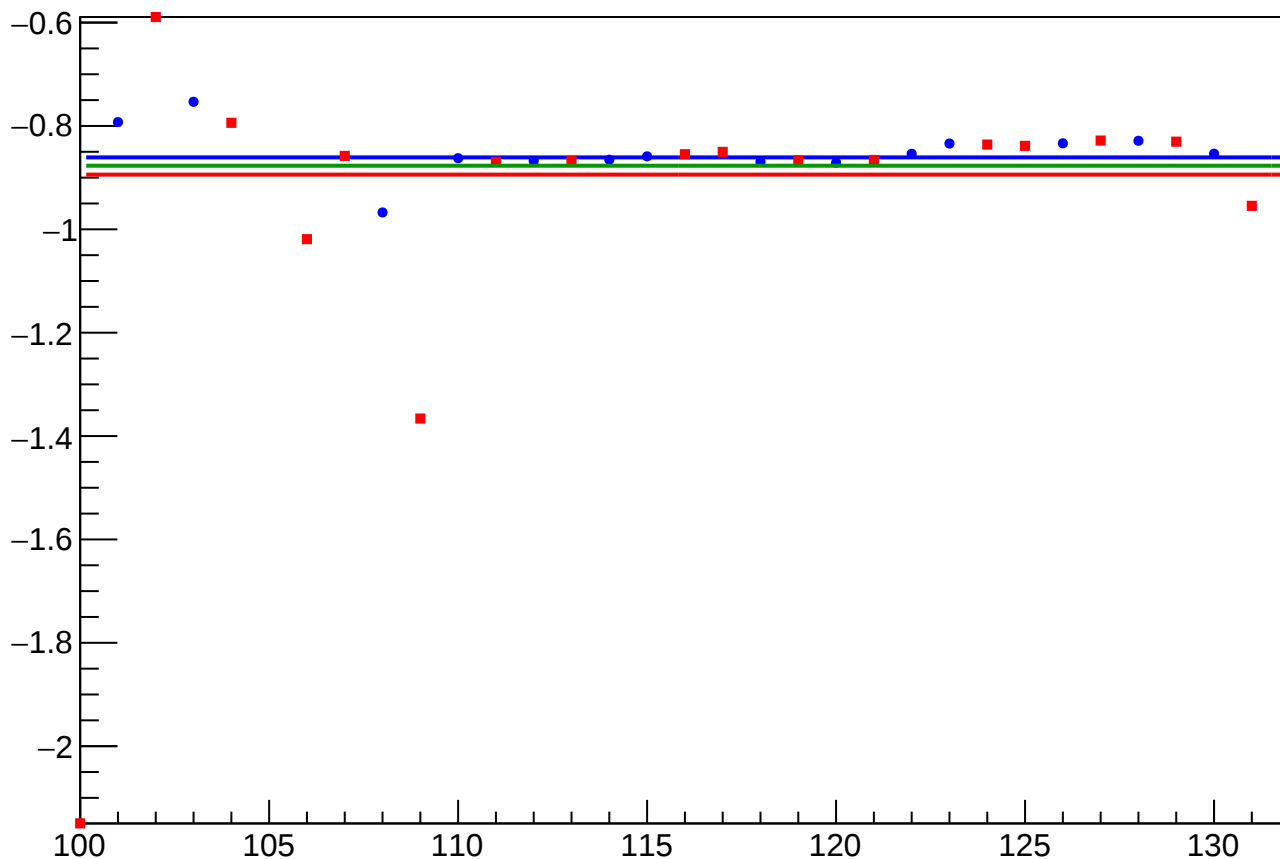
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 364555.1/14

0.016+/-0.000 χ^2/NDF : 2066710.6/31

0.014+/-0.000 χ^2/NDF : 1409302.3/16

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.861+/-0.000 χ^2/NDF : 15890959.4/14

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

Right Out: -0.894+/-0.000 χ^2/NDF : 114633342.4/16

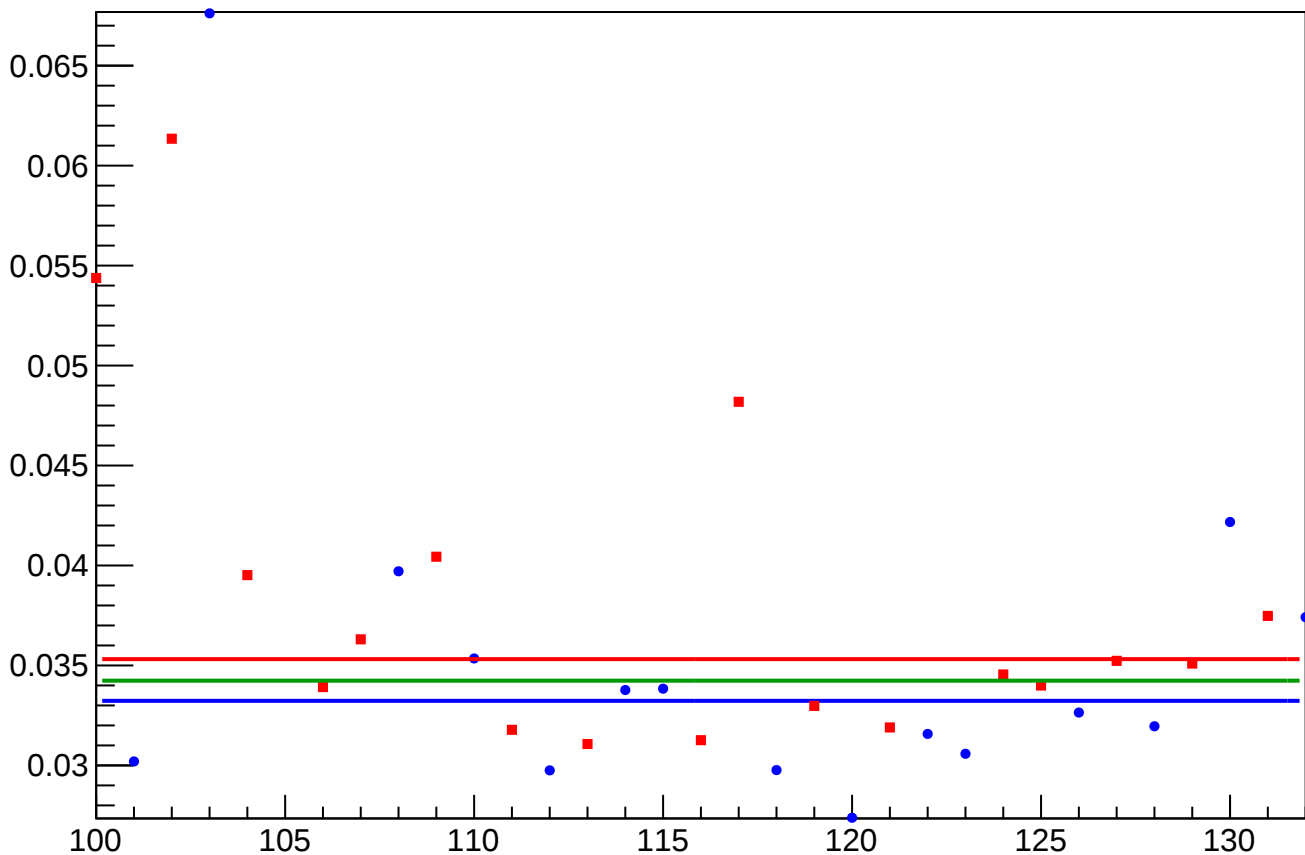
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.861+/-0.000 χ^2/NDF : 15890959.4/14

-0.877+/-0.000 χ^2/NDF : 132908023.7/31

-0.894+/-0.000 χ^2/NDF : 114633342.4/16

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 401716.4/14

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

Right Out: 0.035+/-0.000 χ^2/NDF : 265055.0/16

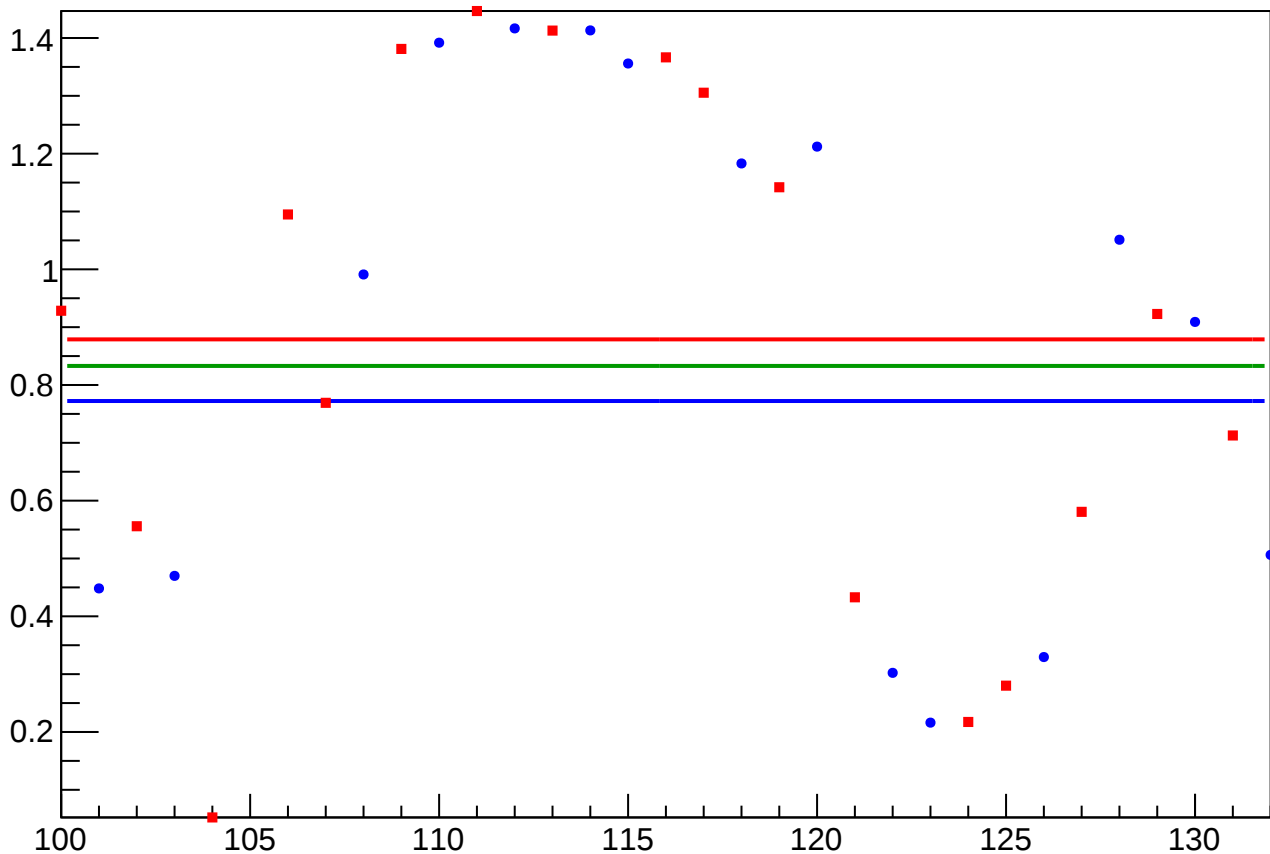
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 401716.4/14

0.034+/-0.000 χ^2/NDF : 685524.7/31

0.035+/-0.000 χ^2/NDF : 265055.0/16

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.772 $\pm$ 0.000 χ^2 /NDF: 5408233136.5/14

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

Right Out: 0.879 $\pm$ 0.000 χ^2 /NDF: 9252331895.0/16

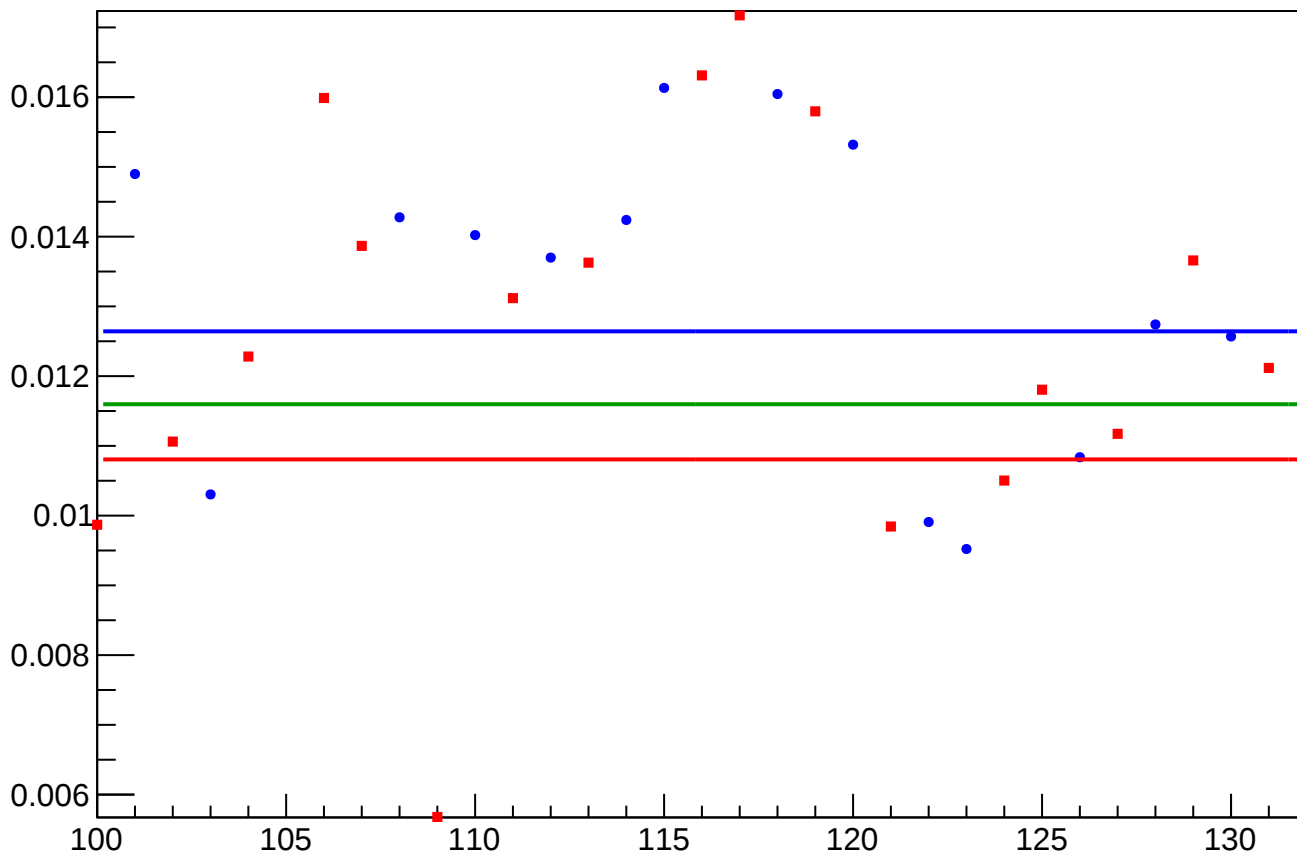
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.772 $\pm$ 0.000 χ^2 /NDF: 5408233136.5/14

0.833 $\pm$ 0.000 χ^2 /NDF: 14868283589.8/3

0.879 $\pm$ 0.000 χ^2 /NDF: 9252331895.0/16

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 281624.1/14

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

Right Out: 0.011+/-0.000 χ^2/NDF : 896371.6/16

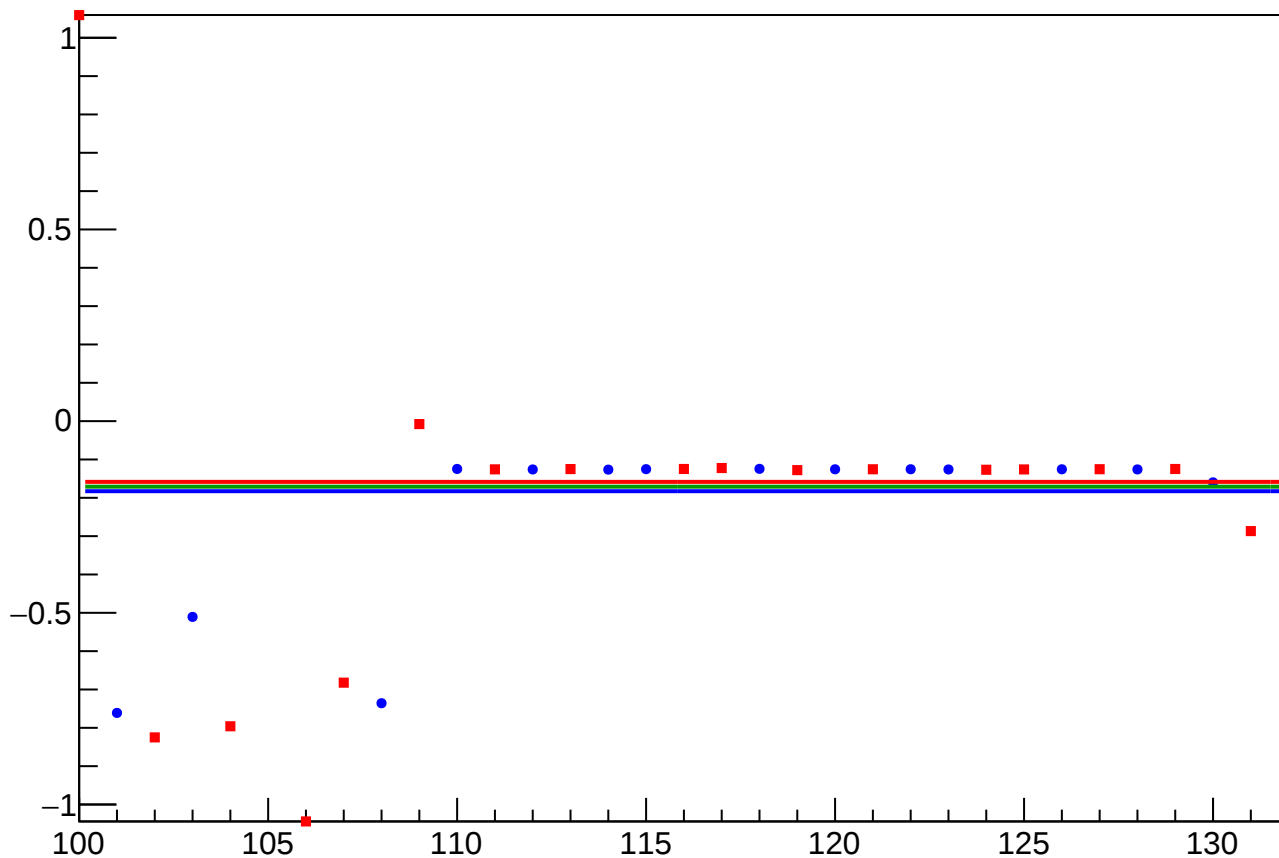
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 281624.1/14

0.012+/-0.000 χ^2/NDF : 1301354.9/31

0.011+/-0.000 χ^2/NDF : 896371.6/16

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.183+/-0.000 χ^2/NDF : 463144297.6/14

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

Right Out: -0.158+/-0.000 χ^2/NDF : 450330732.1/16

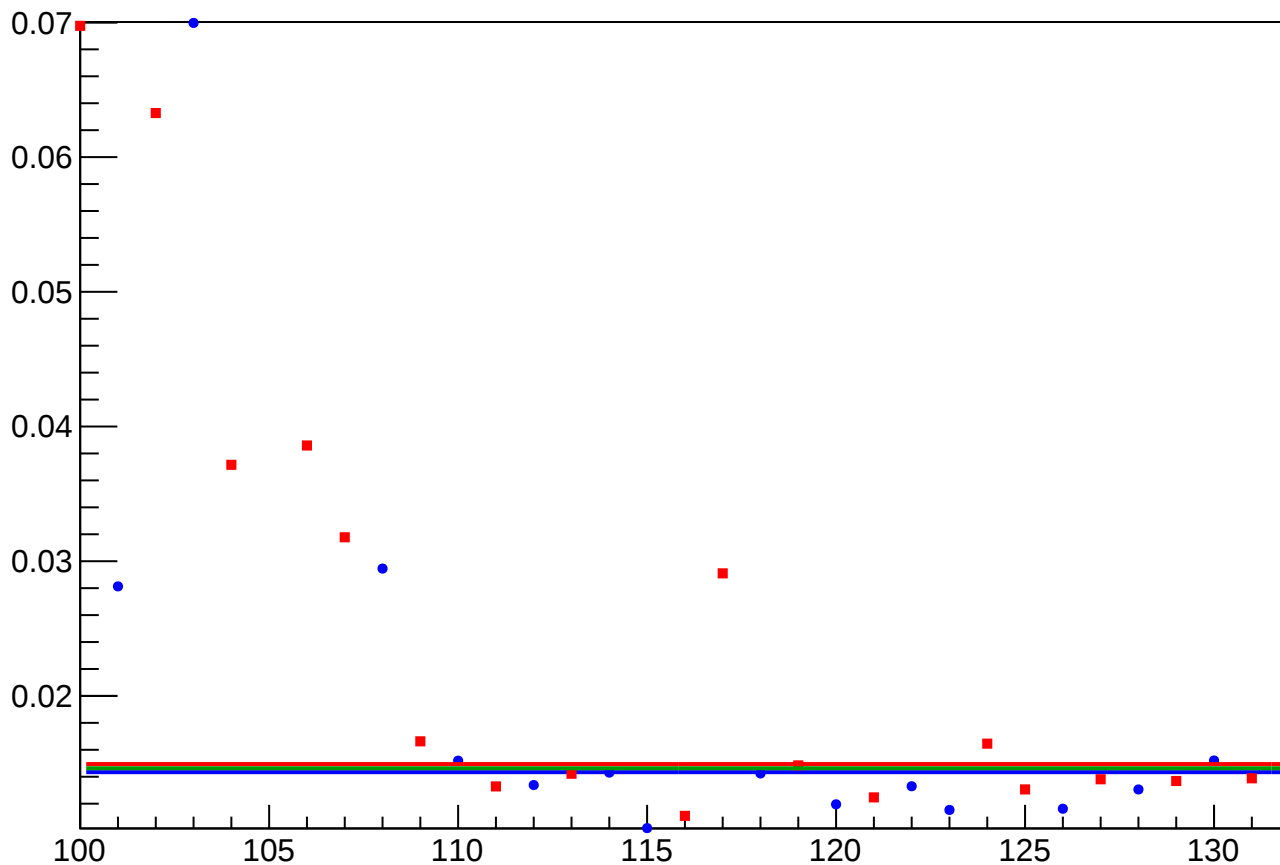
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.183+/-0.000 χ^2/NDF : 463144297.6/14

-0.171+/-0.000 χ^2/NDF : 919253254.0/31

-0.158+/-0.000 χ^2/NDF : 450330732.1/16

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1184240.6/14

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1368074.9/16

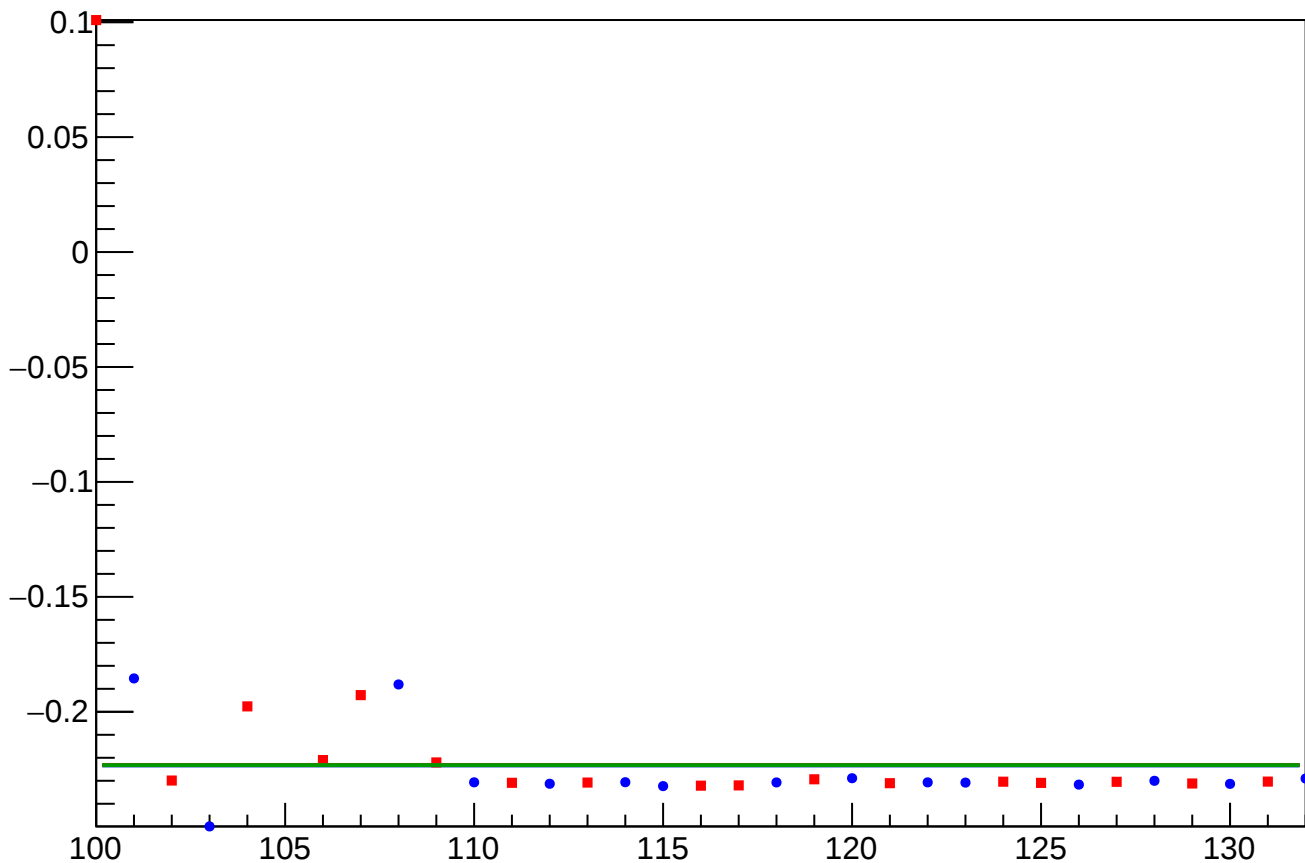
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1184240.6/14

0.015+/-0.000 χ^2/NDF : 2559369.5/31

0.015+/-0.000 χ^2/NDF : 1368074.9/16

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 74102491.2/14

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

Right Out: -0.223+/-0.000 χ^2/NDF : 167957353.0/16

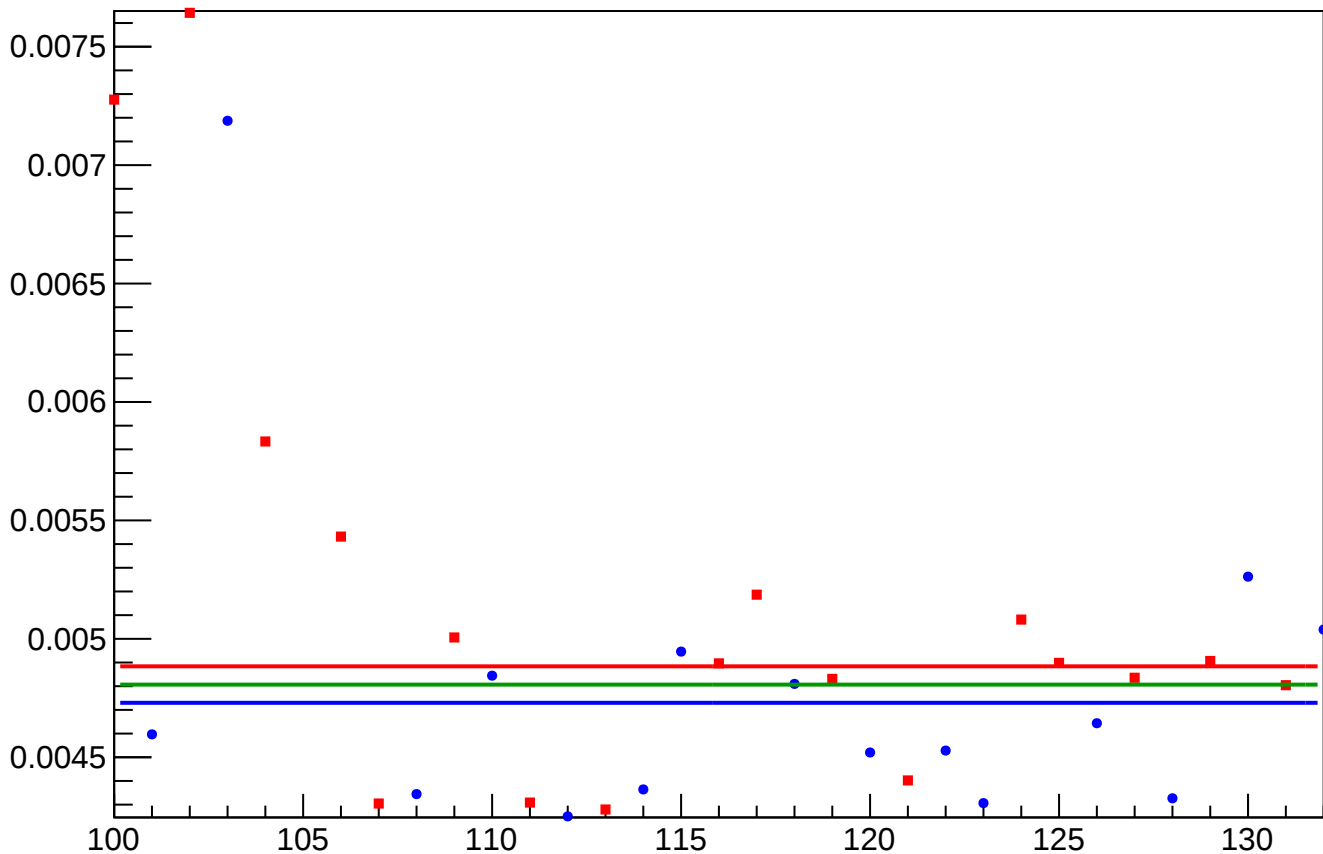
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 74102491.2/14

-0.223+/-0.000 χ^2/NDF : 242062425.6/31

-0.223+/-0.000 χ^2/NDF : 167957353.0/16

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 167161.8/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226756.5/16

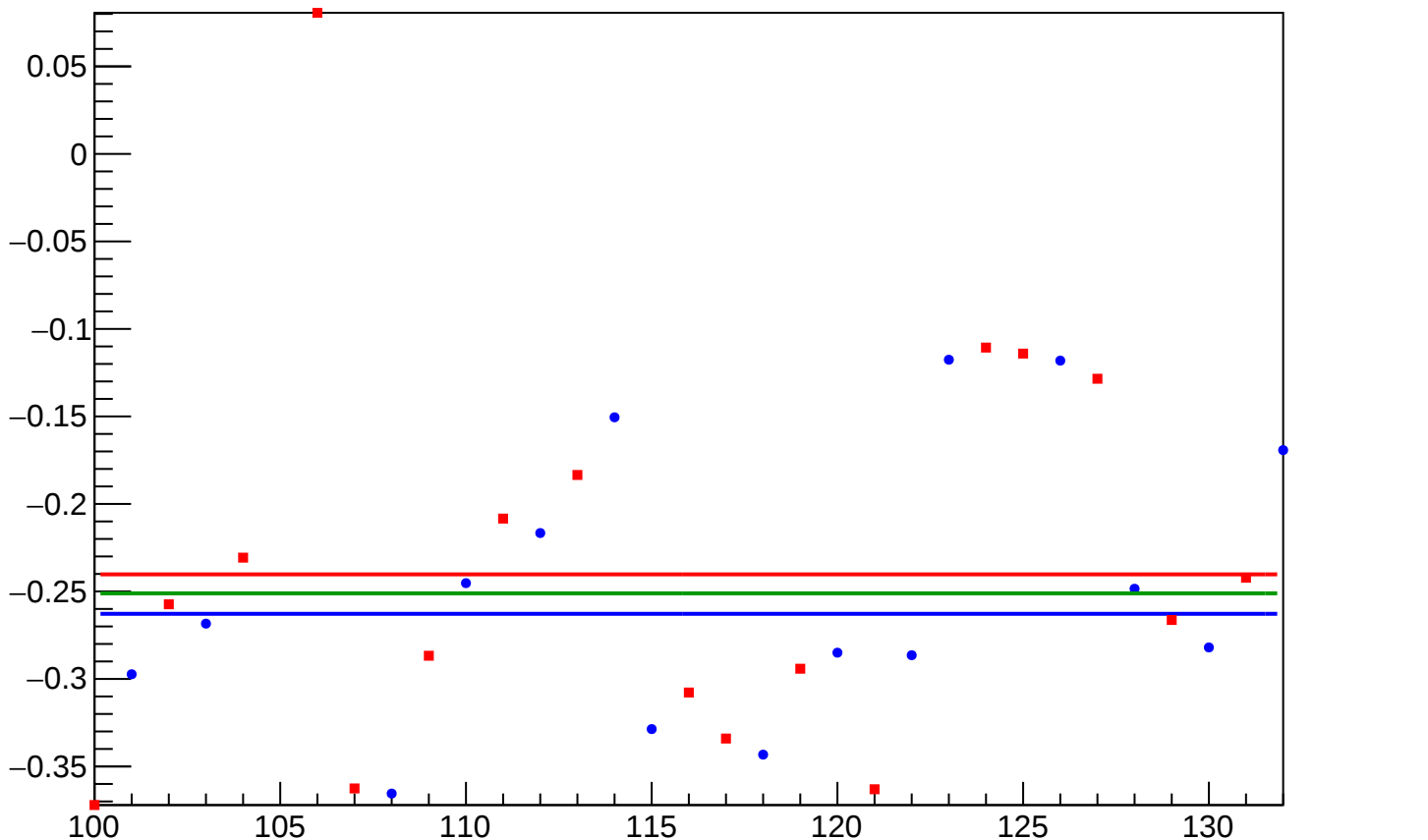
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 167161.8/14

0.005+/-0.000 χ^2/NDF : 399315.2/31

0.005+/-0.000 χ^2/NDF : 226756.5/16

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.263+/-0.000 χ^2/NDF : 551288138.3/14

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

Right Out: -0.240+/-0.000 χ^2/NDF : 1067615403.4/16

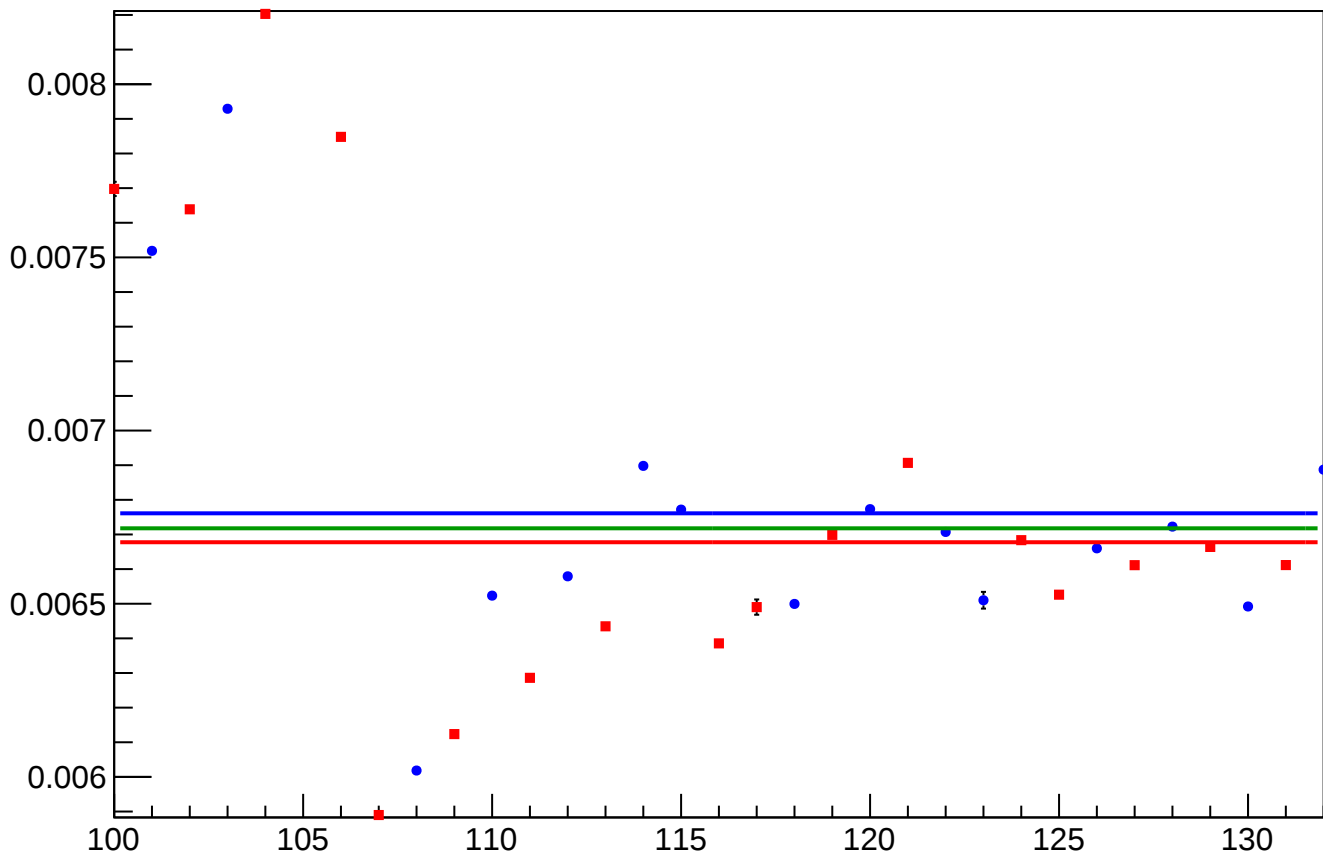
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.263+/-0.000 χ^2/NDF : 551288138.3/14

-0.251+/-0.000 χ^2/NDF : 1651027498.8/3

-0.240+/-0.000 χ^2/NDF : 1067615403.4/16

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 53412.3/14

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

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 89281.5/16

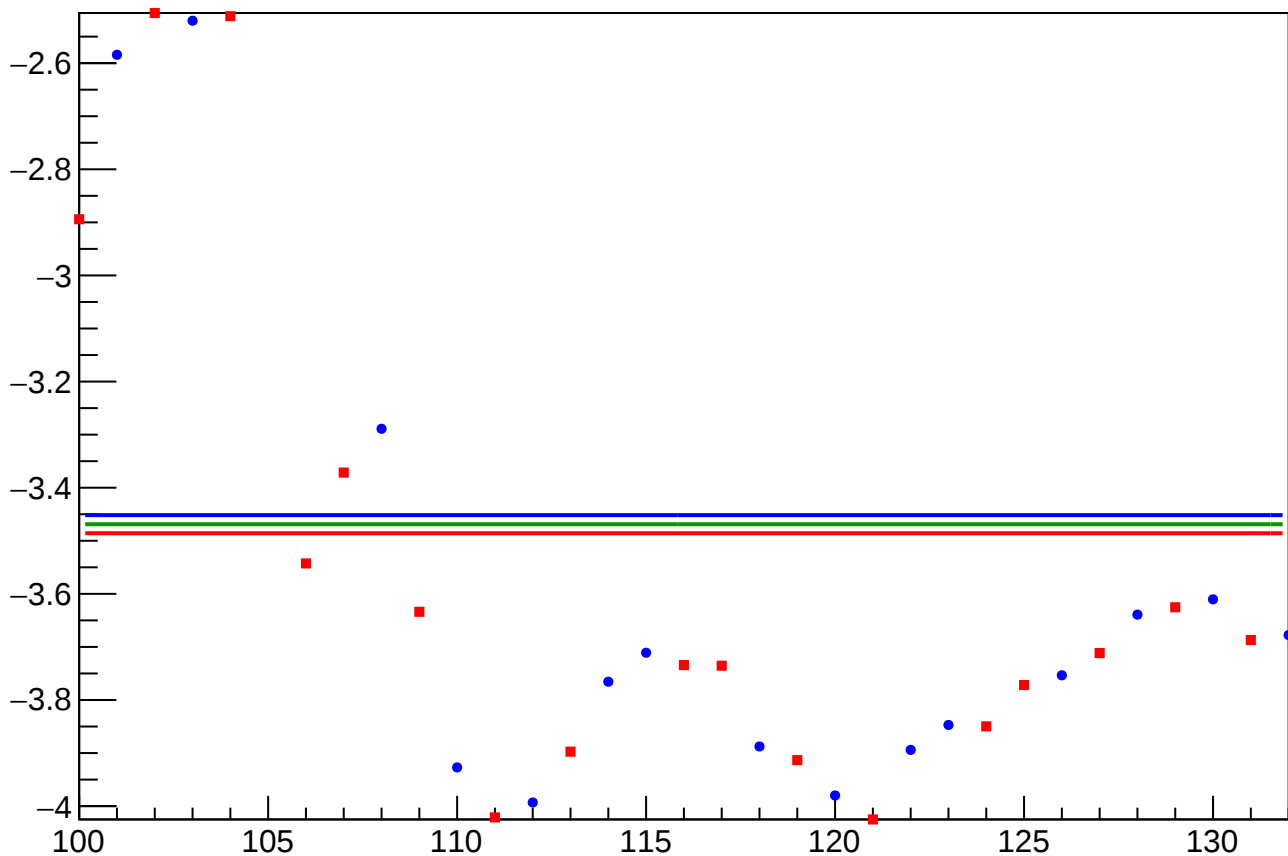
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.007 $\pm$ 0.000 χ^2/NDF : 53412.3/14

0.007 $\pm$ 0.000 χ^2/NDF : 143575.8/31

0.007 $\pm$ 0.000 χ^2/NDF : 89281.5/16

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.452+/-0.000 χ^2/NDF : 26386146700.5/14

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

-3.452+/-0.000 χ^2/NDF : 26386146700.5/14

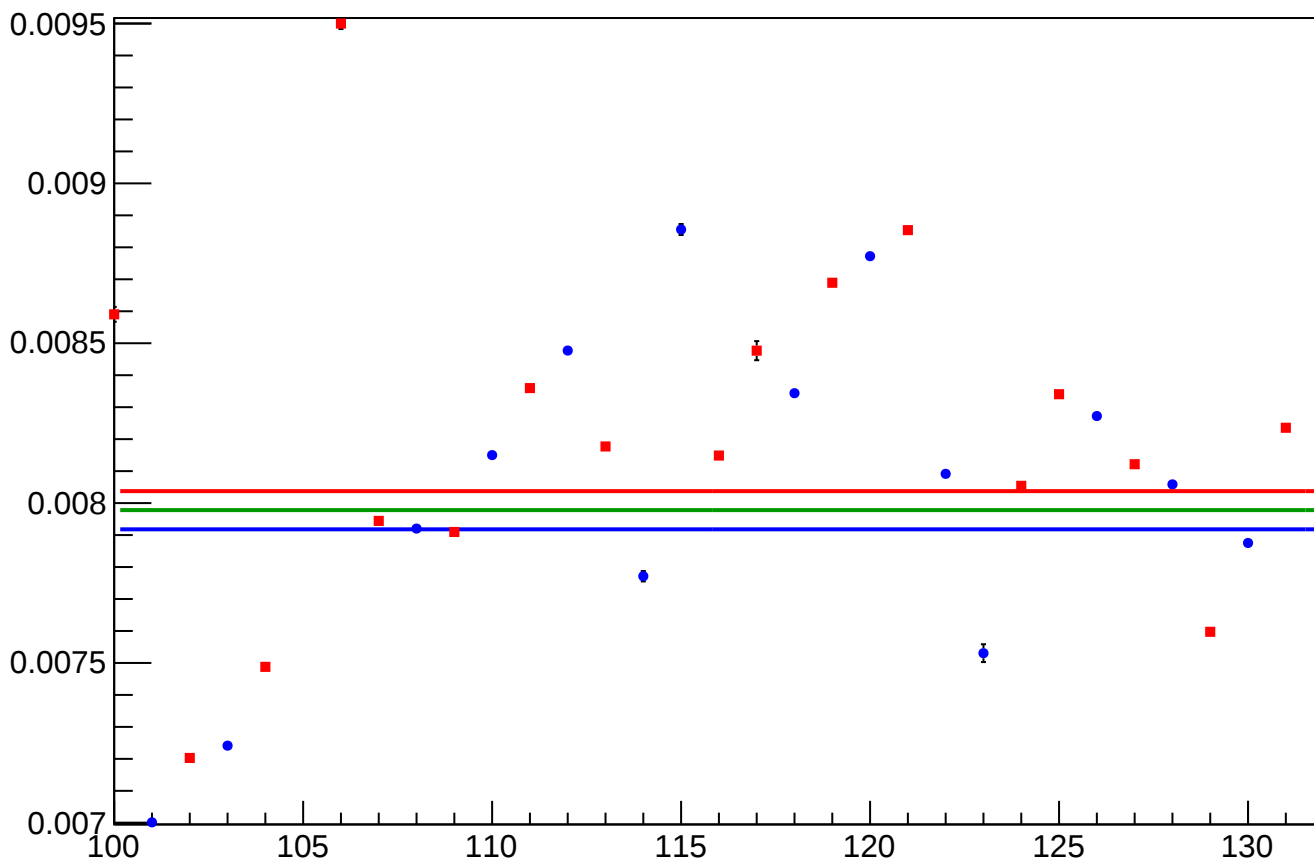
-3.469+/-0.000 χ^2/NDF : 51913324077.8/14

Right Out: -3.486+/-0.000 χ^2/NDF : 25475582011.2/16

-3.486+/-0.000 χ^2/NDF : 25475582011.2/16

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

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 48551.1/14

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

Right Out: 0.008+/-0.000 χ^2/NDF : 45188.7/16

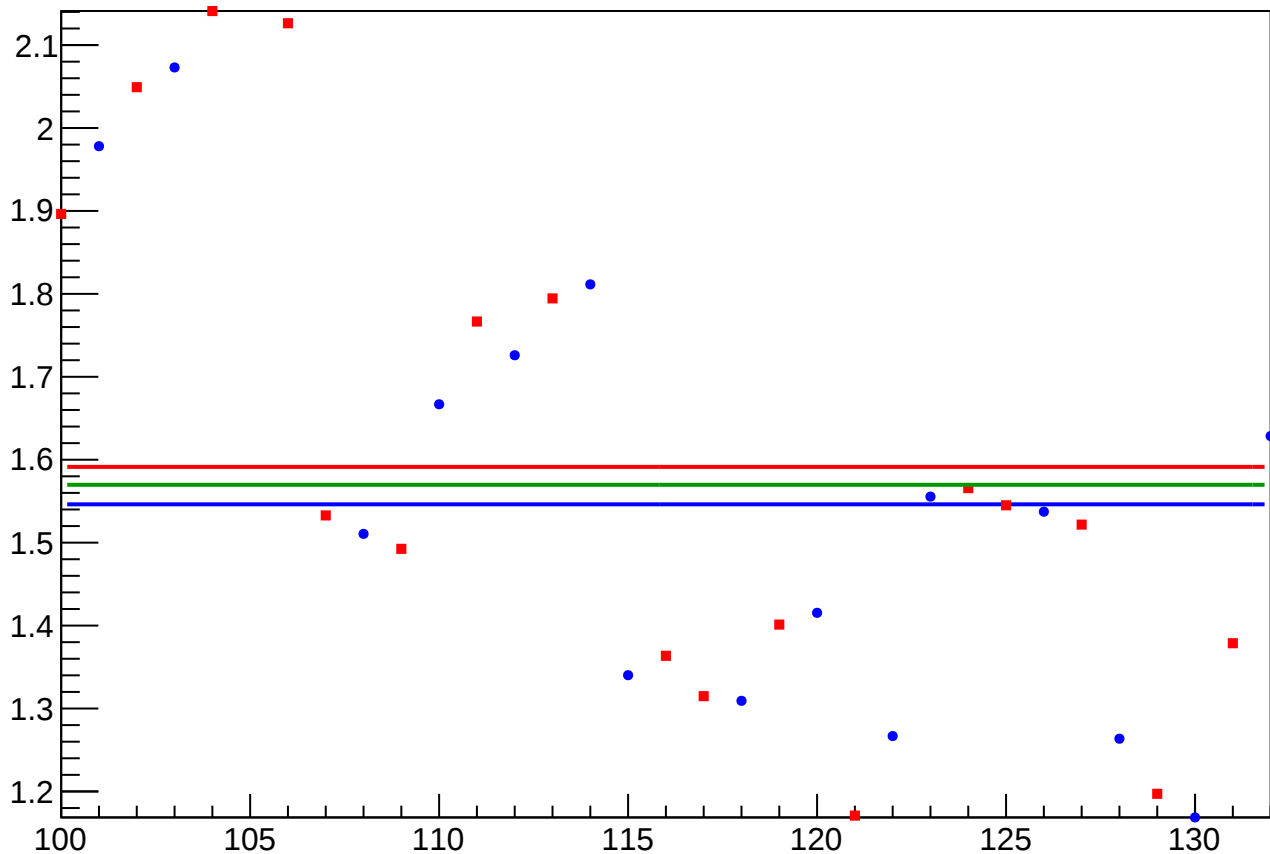
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 48551.1/14

0.008+/-0.000 χ^2/NDF : 95001.5/31

0.008+/-0.000 χ^2/NDF : 45188.7/16

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.546+/-0.000 χ^2/NDF : 2871927657.4/14

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

Right Out: 1.591+/-0.000 χ^2/NDF : 3326830380.3/16

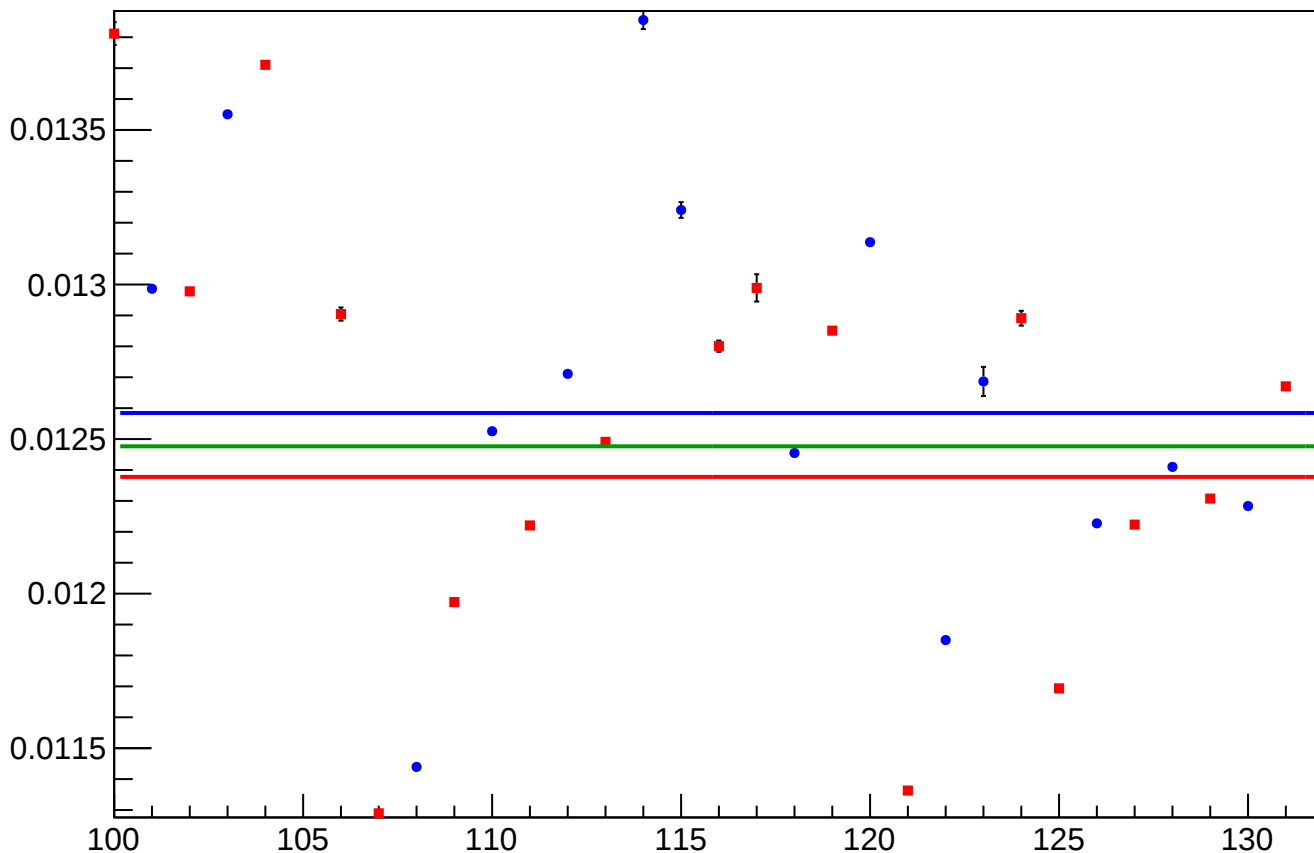
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.546+/-0.000 χ^2/NDF : 2871927657.4/14

1.570+/-0.000 χ^2/NDF : 6236083436.7/31

1.591+/-0.000 χ^2/NDF : 3326830380.3/16

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 24168.7/14

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

Right Out: 0.012+/-0.000 χ^2/NDF : 33002.4/16

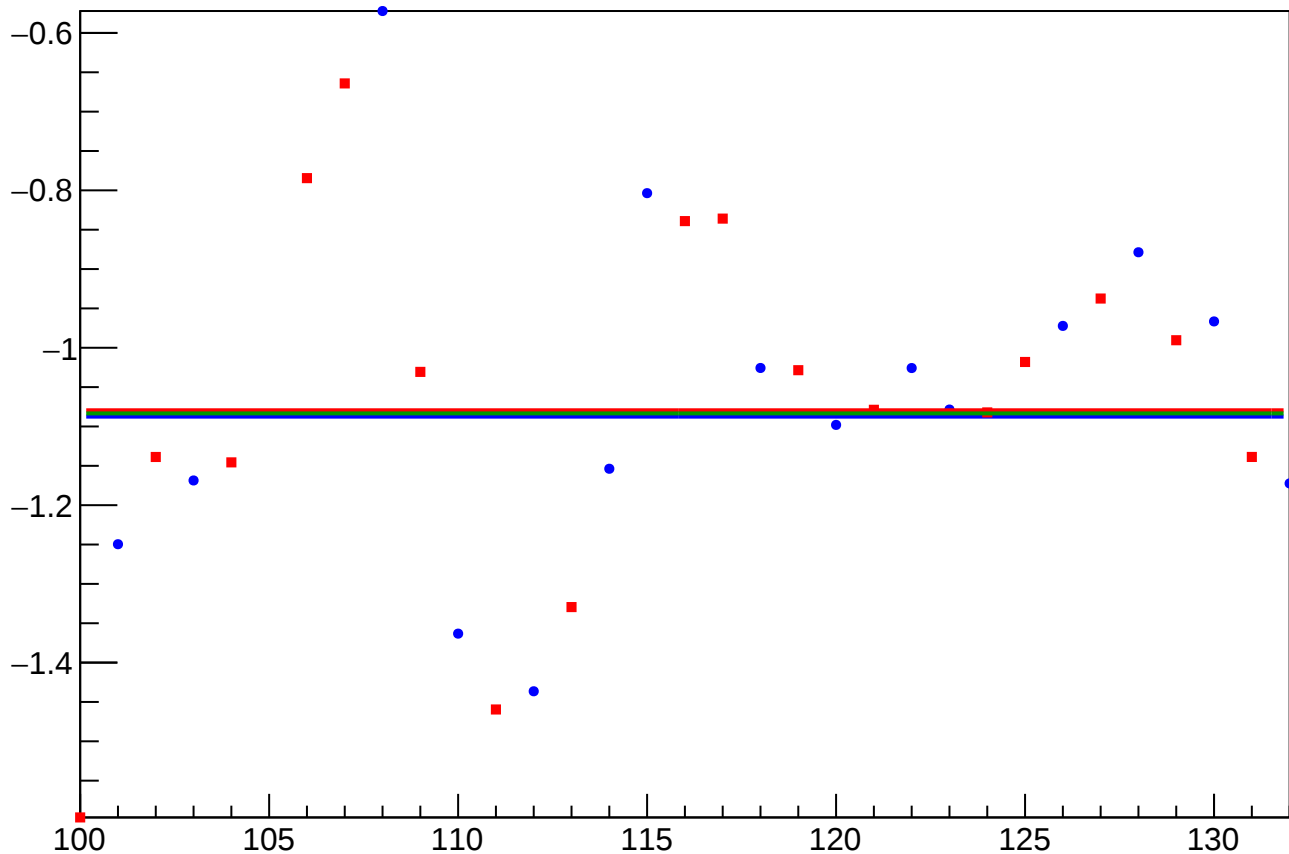
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 24168.7/14

0.012+/-0.000 χ^2/NDF : 58734.9/31

0.012+/-0.000 χ^2/NDF : 33002.4/16

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.087+/-0.000 χ^2 /NDF: 2836166117.6/14

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

Right Out: -1.079+/-0.000 χ^2 /NDF: 2293321770.9/16

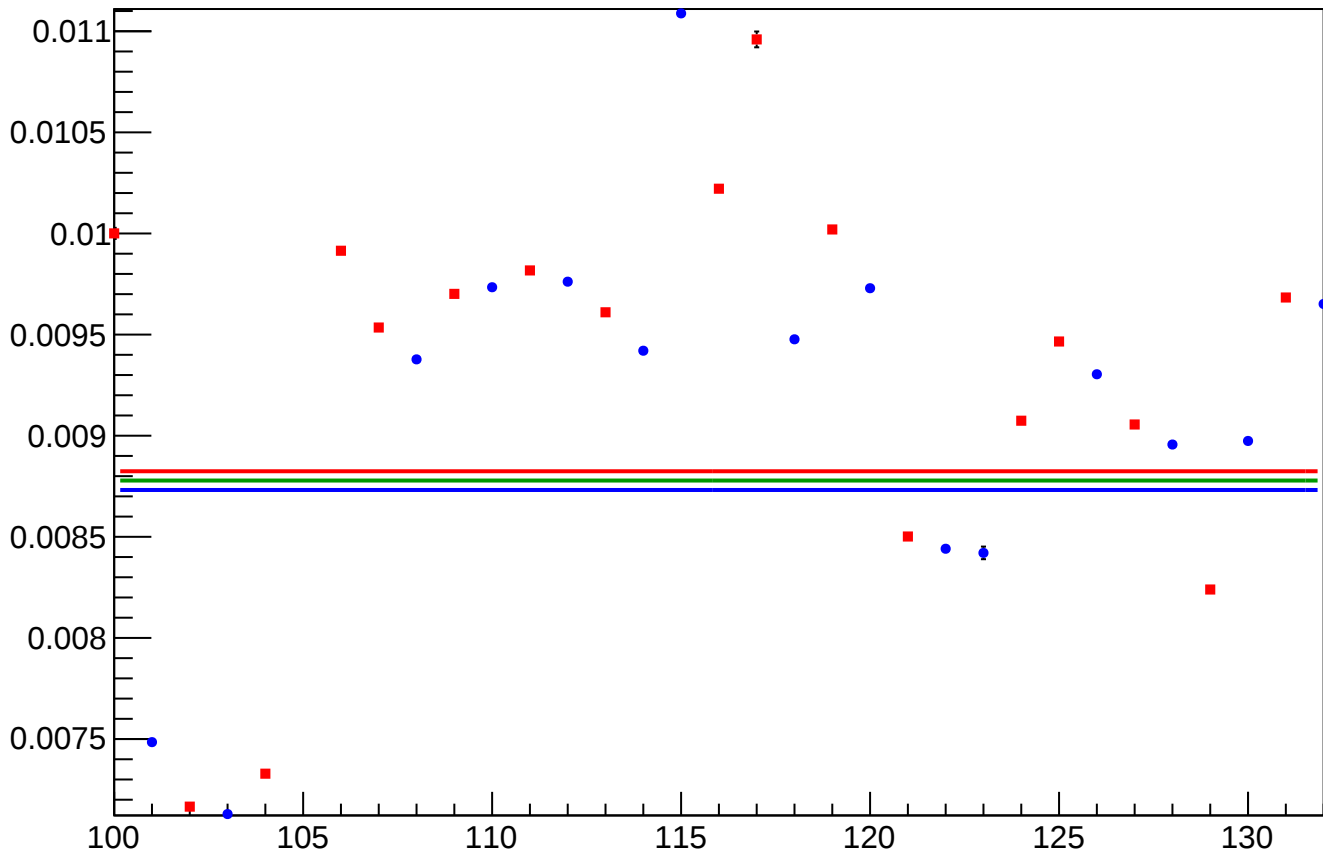
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.087+/-0.000 χ^2 /NDF: 2836166117.6/14

-1.083+/-0.000 χ^2 /NDF: 5131796791.9/3

-1.079+/-0.000 χ^2 /NDF: 2293321770.9/16

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 144333.8/14

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

Right Out: 0.009+/-0.000 χ^2/NDF : 166301.5/16

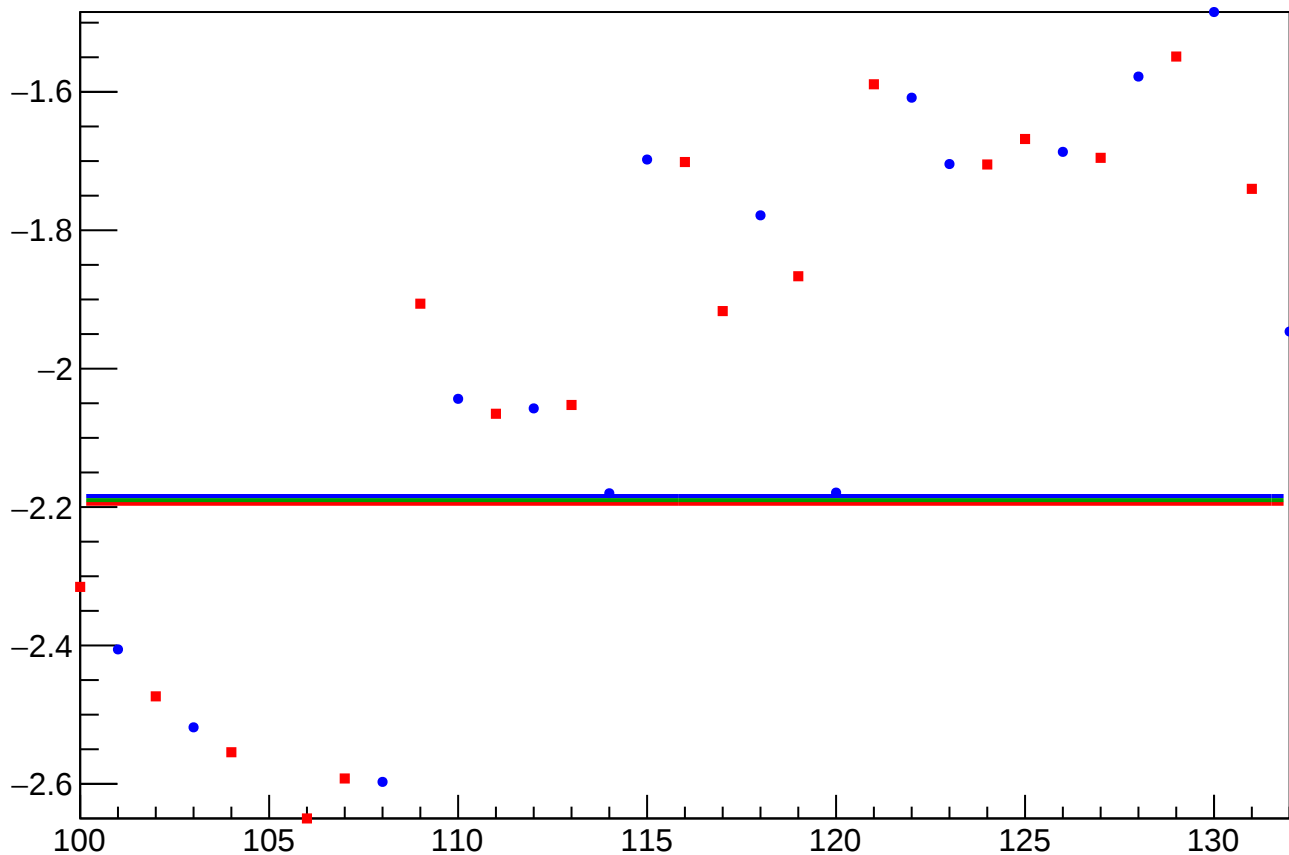
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 144333.8/14

0.009+/-0.000 χ^2/NDF : 311247.3/31

0.009+/-0.000 χ^2/NDF : 166301.5/16

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.184+/-0.000 χ^2/NDF : 12149893377.3/14

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

Right Out: -2.195+/-0.000 χ^2/NDF : 13196279652.9/16

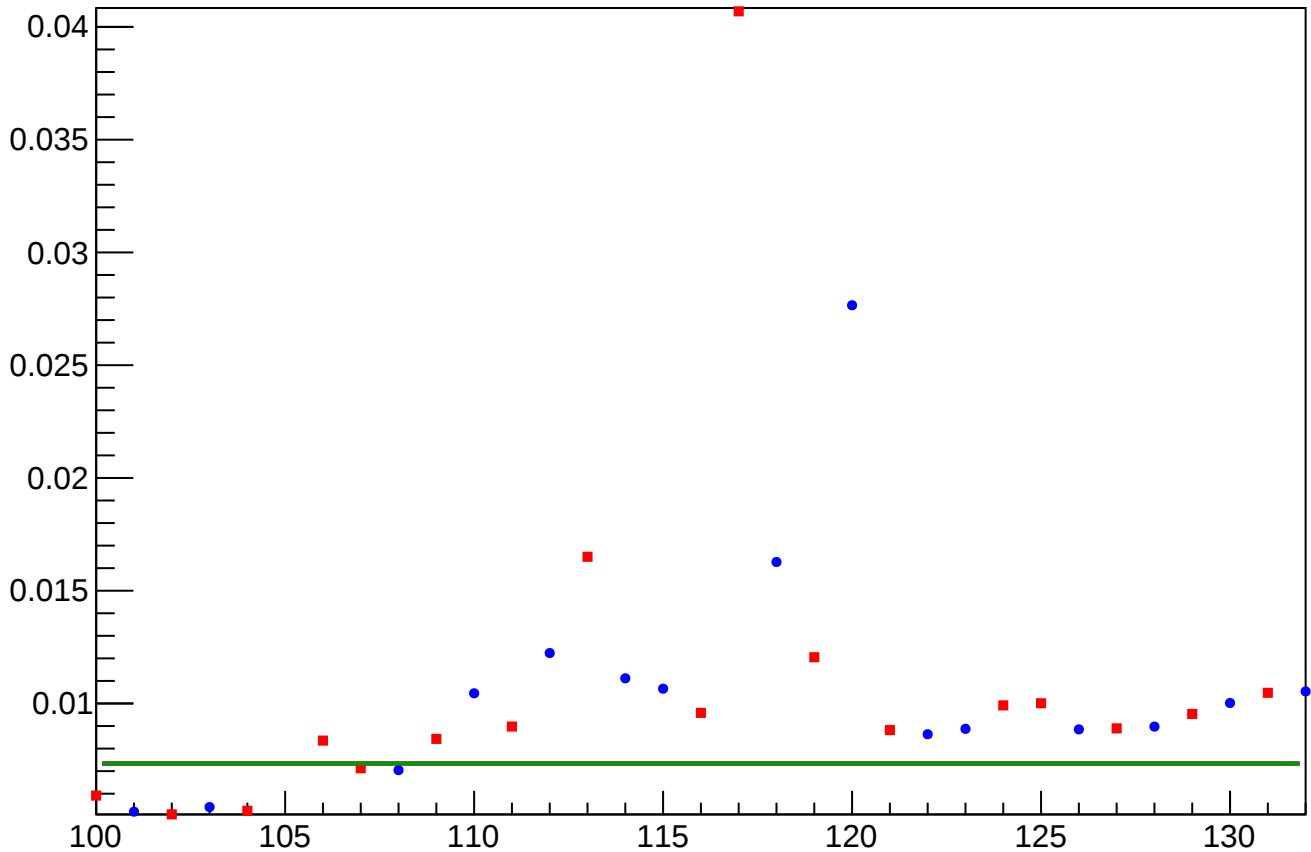
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.184+/-0.000 χ^2/NDF : 12149893377.3/14

-2.190+/-0.000 χ^2/NDF : 25351293897.8/16

-2.195+/-0.000 χ^2/NDF : 13196279652.9/16

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1154543.8/14

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

Right Out: 0.007+/-0.000 χ^2/NDF : 943893.6/16

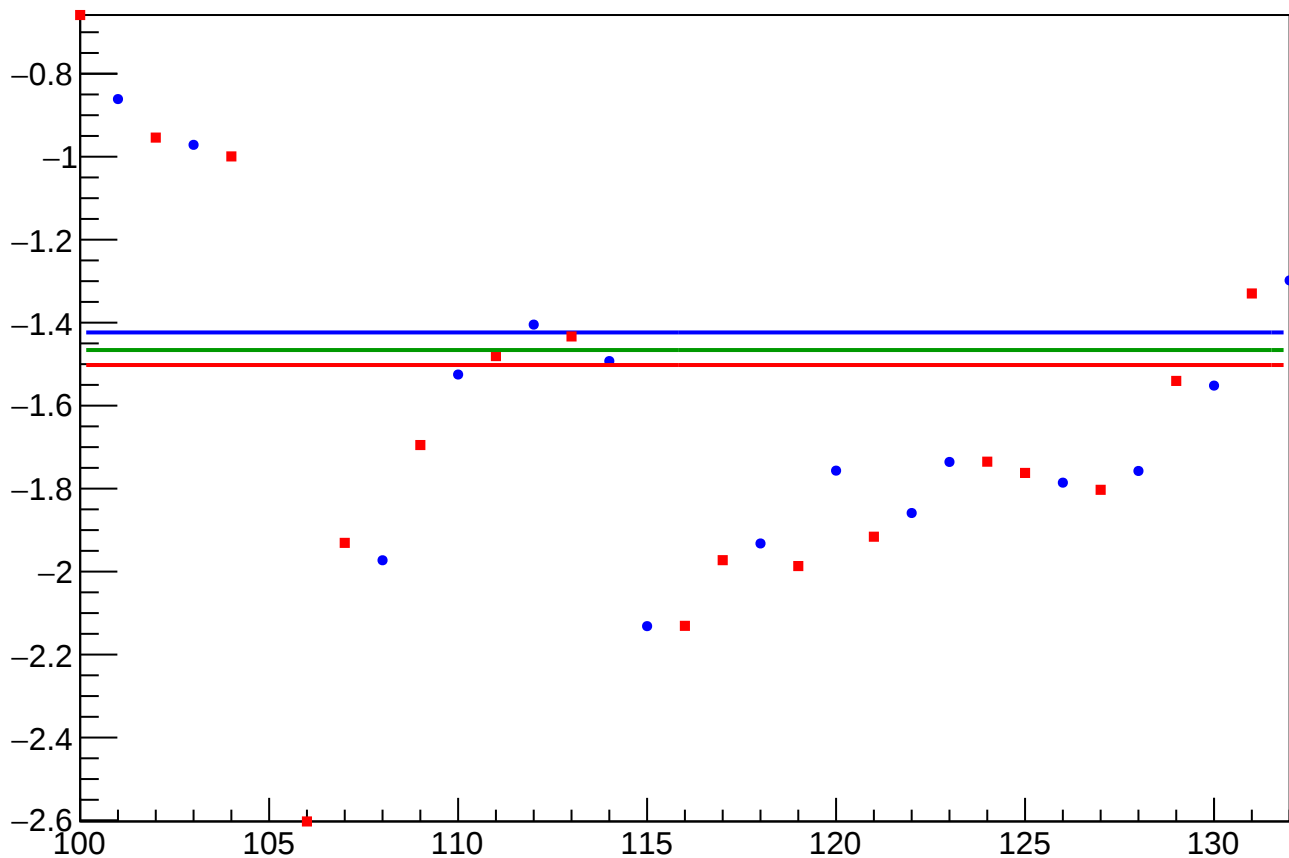
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 1154543.8/14

0.007+/-0.000 χ^2/NDF : 2098438.4/31

0.007+/-0.000 χ^2/NDF : 943893.6/16

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.424+/-0.000 χ^2/NDF : 18541714582.6/14

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

-1.424+/-0.000 χ^2/NDF : 18541714582.6/14

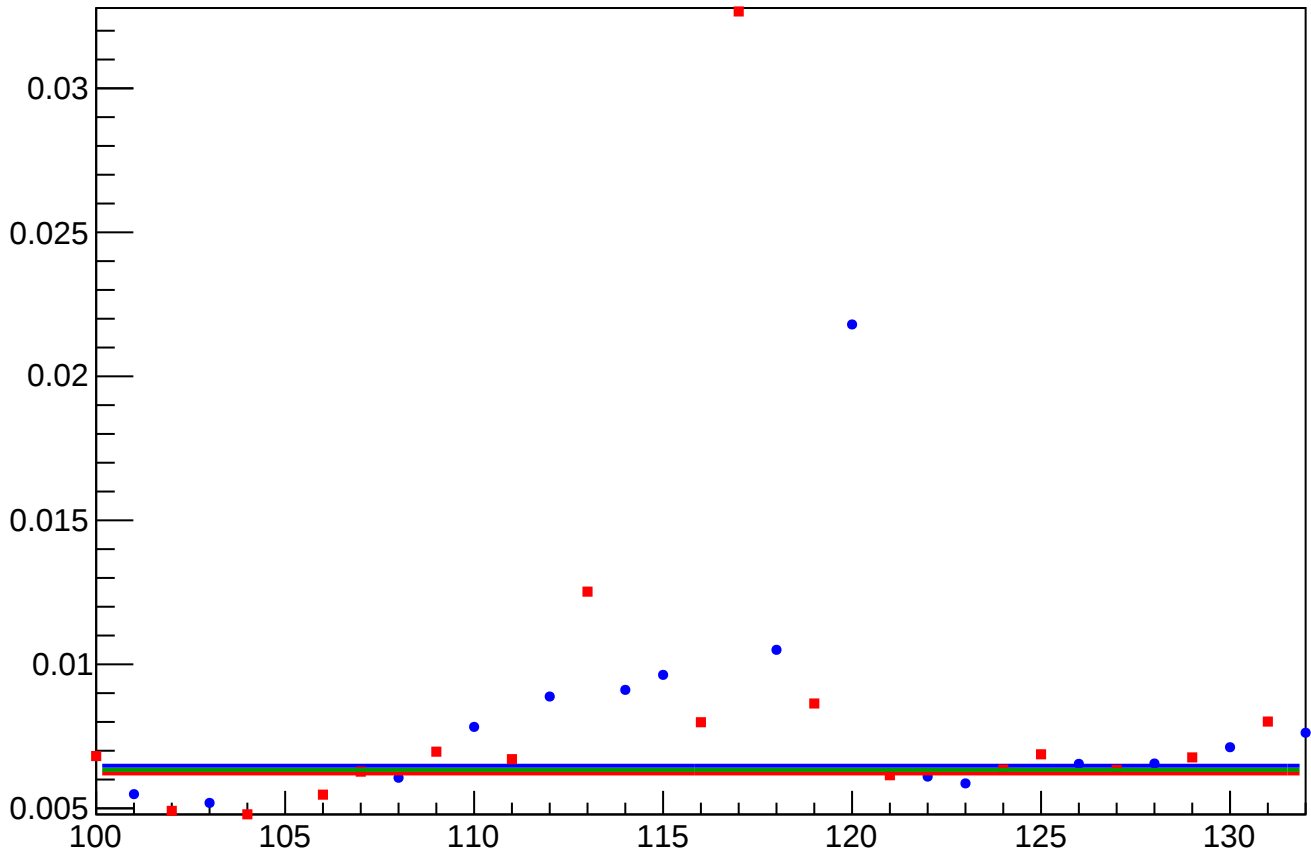
Right Out: -1.502+/-0.000 χ^2/NDF : 25007609535.5/16

-1.466+/-0.000 χ^2/NDF : 43908687283.4/14

-1.502+/-0.000 χ^2/NDF : 25007609535.5/16

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

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 551117.2/14

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

Right Out: 0.006+/-0.000 χ^2/NDF : 453346.9/16

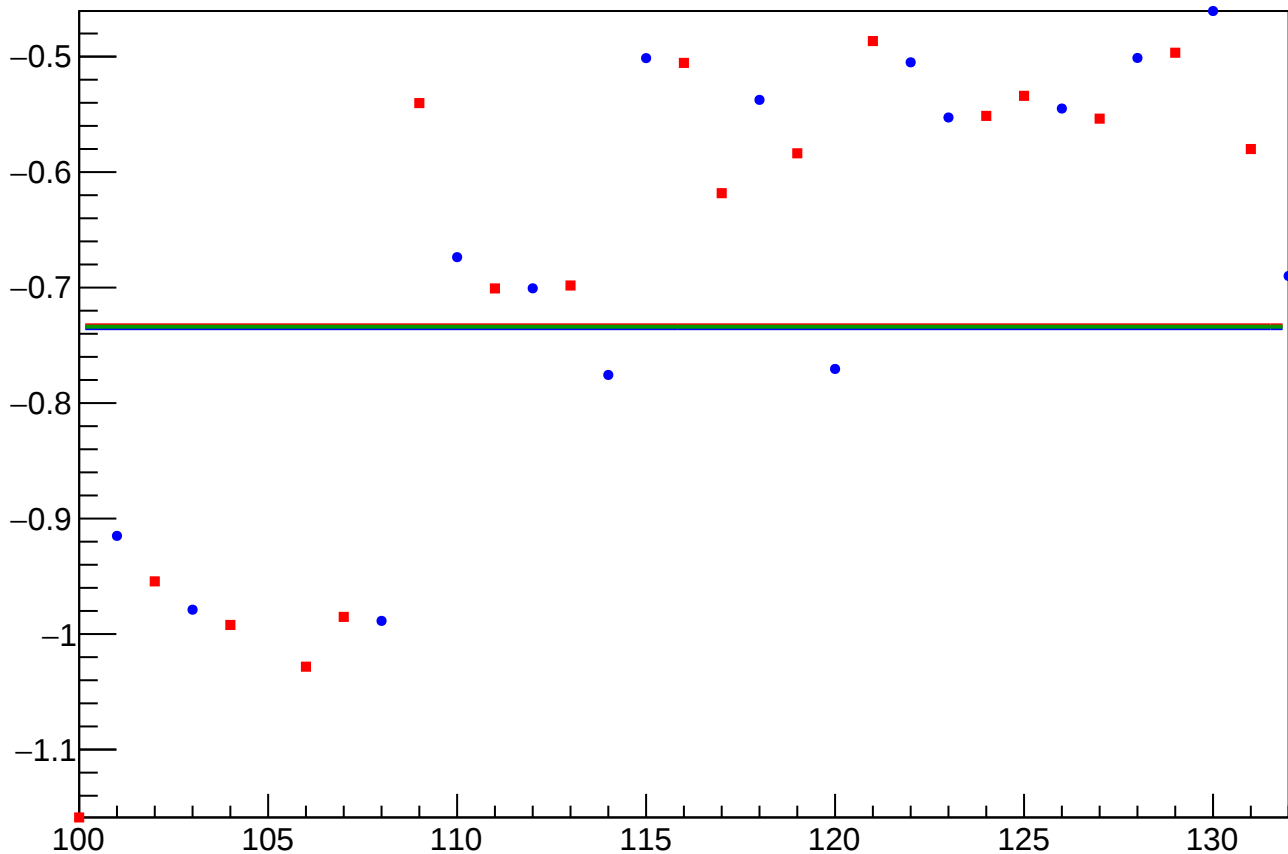
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 551117.2/14

0.006+/-0.000 χ^2/NDF : 1012765.2/31

0.006+/-0.000 χ^2/NDF : 453346.9/16

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.735+/-0.000 χ^2/NDF : 7348364402.8/14

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

Right Out: -0.733+/-0.000 χ^2/NDF : 8791541161.2/16

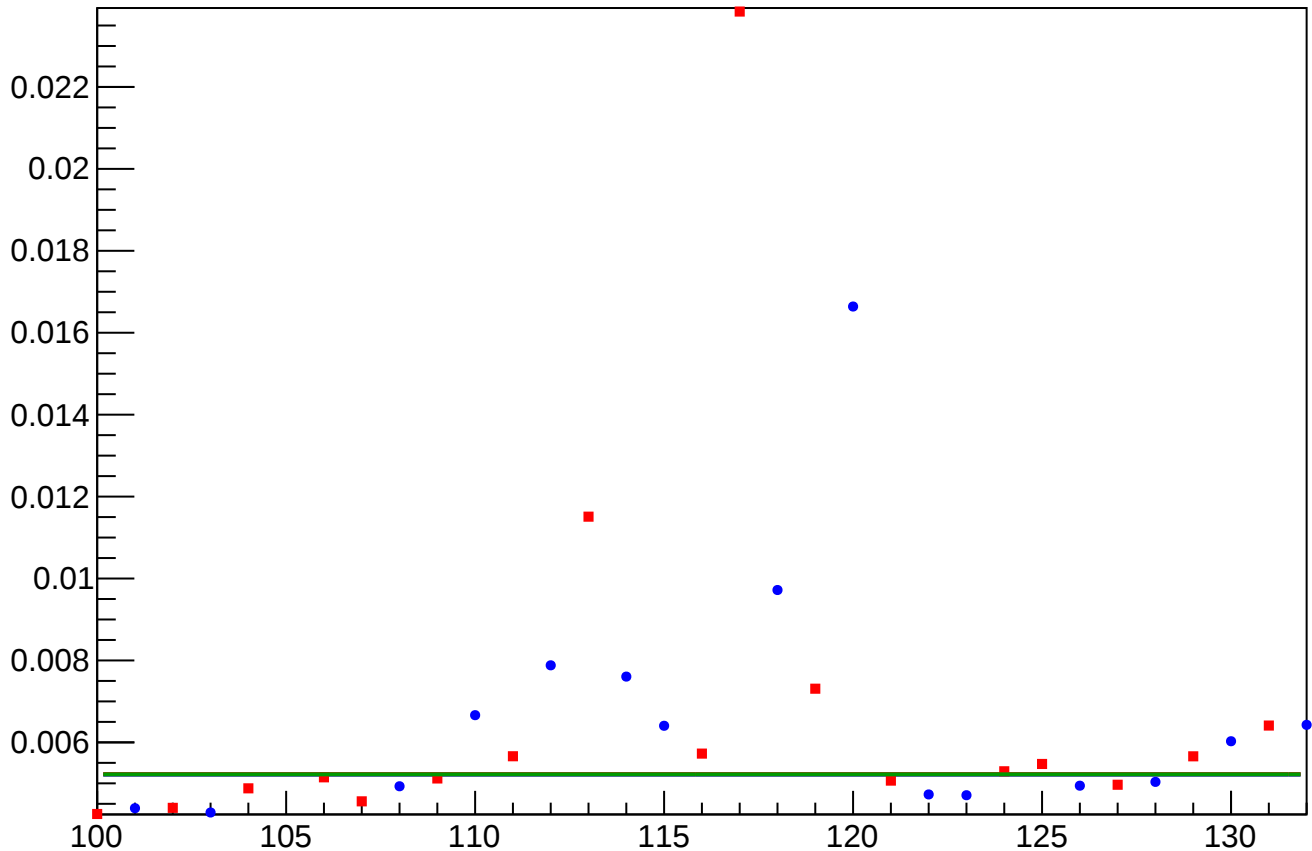
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.735+/-0.000 χ^2/NDF : 7348364402.8/14

-0.734+/-0.000 χ^2/NDF : 16140433180.1/16

-0.733+/-0.000 χ^2/NDF : 8791541161.2/16

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 636060.3/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 366769.3/16

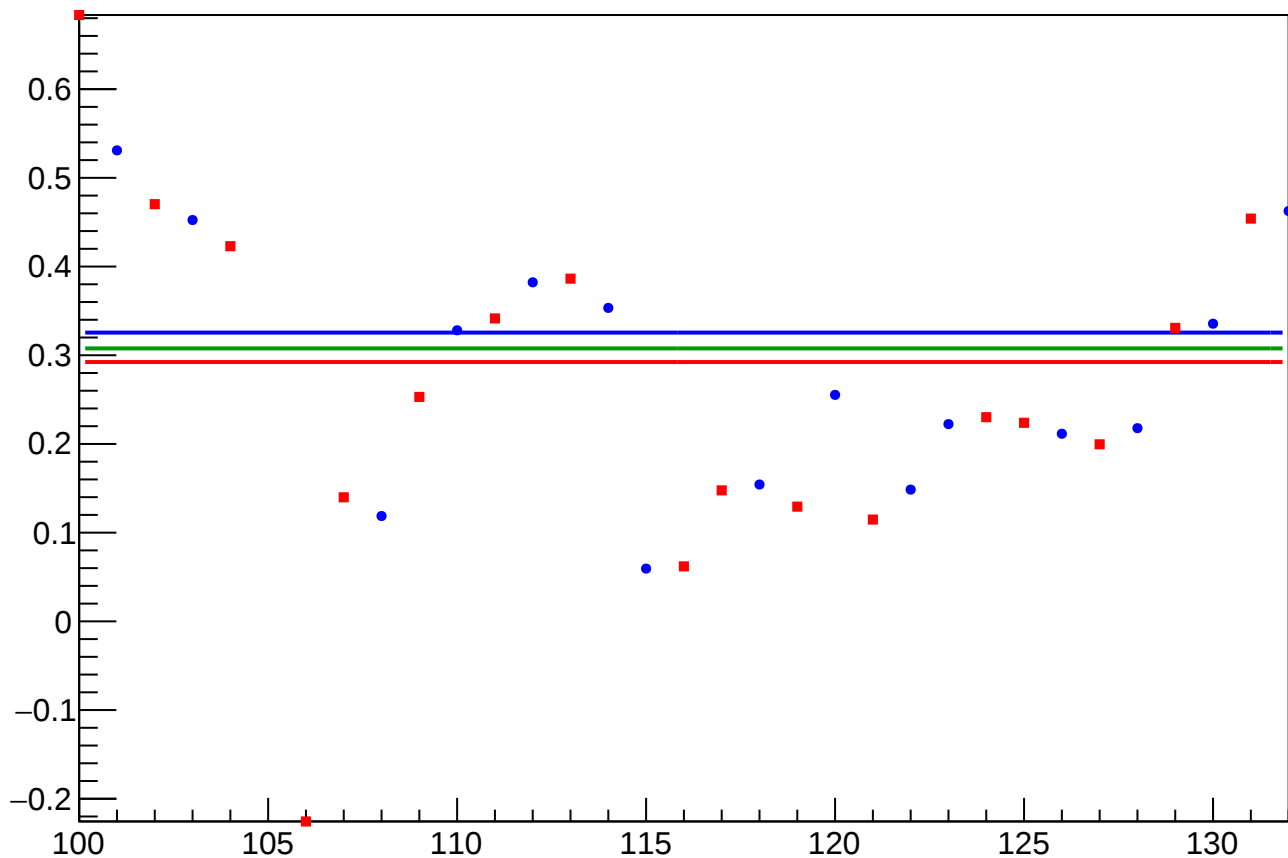
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 636060.3/14

0.005+/-0.000 χ^2/NDF : 1002852.6/31

0.005+/-0.000 χ^2/NDF : 366769.3/16

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.326+/-0.000 χ^2/NDF : 5789984462.6/14

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

Right Out: 0.292+/-0.000 χ^2/NDF : 7760194194.3/16

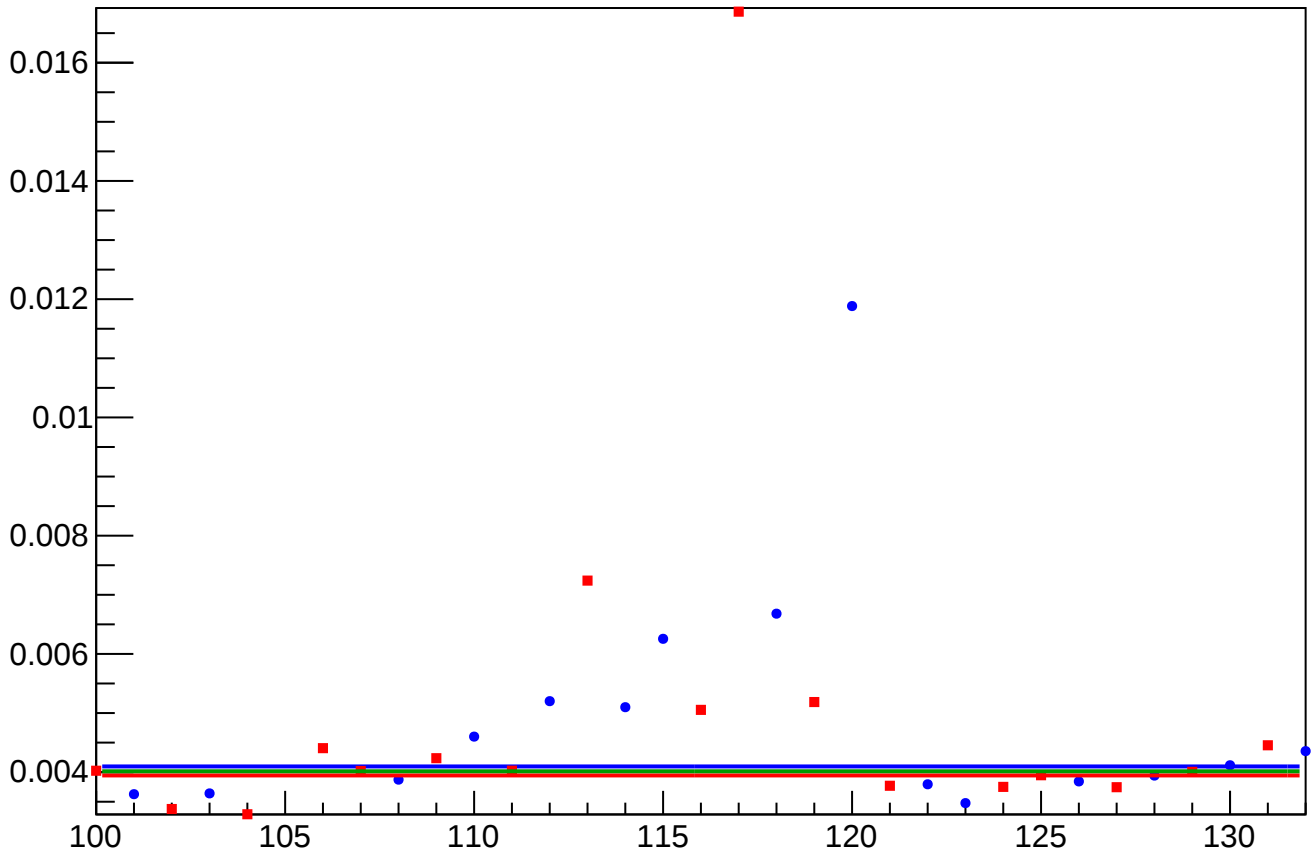
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 5789984462.6/14

0.308+/-0.000 χ^2/NDF : 13717131197.1/3

0.292+/-0.000 χ^2/NDF : 7760194194.3/16

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 436948.7/14

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

Right Out: 0.004+/-0.000 χ^2/NDF : 291951.1/16

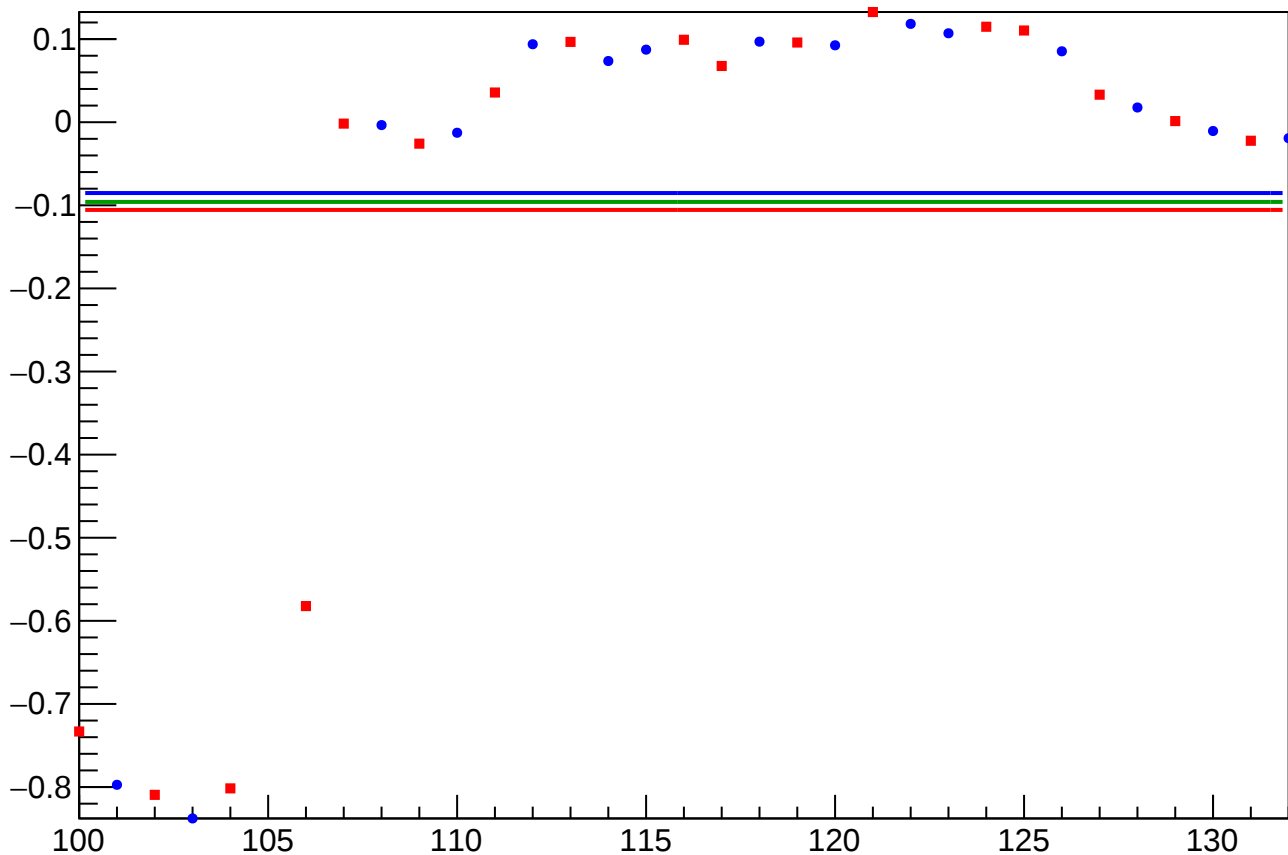
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 436948.7/14

0.004+/-0.000 χ^2/NDF : 735896.5/31

0.004+/-0.000 χ^2/NDF : 291951.1/16

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.000 χ^2/NDF : 4988075373.0/14

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

Right Out: -0.106+/-0.000 χ^2/NDF : 5558471509.3/16

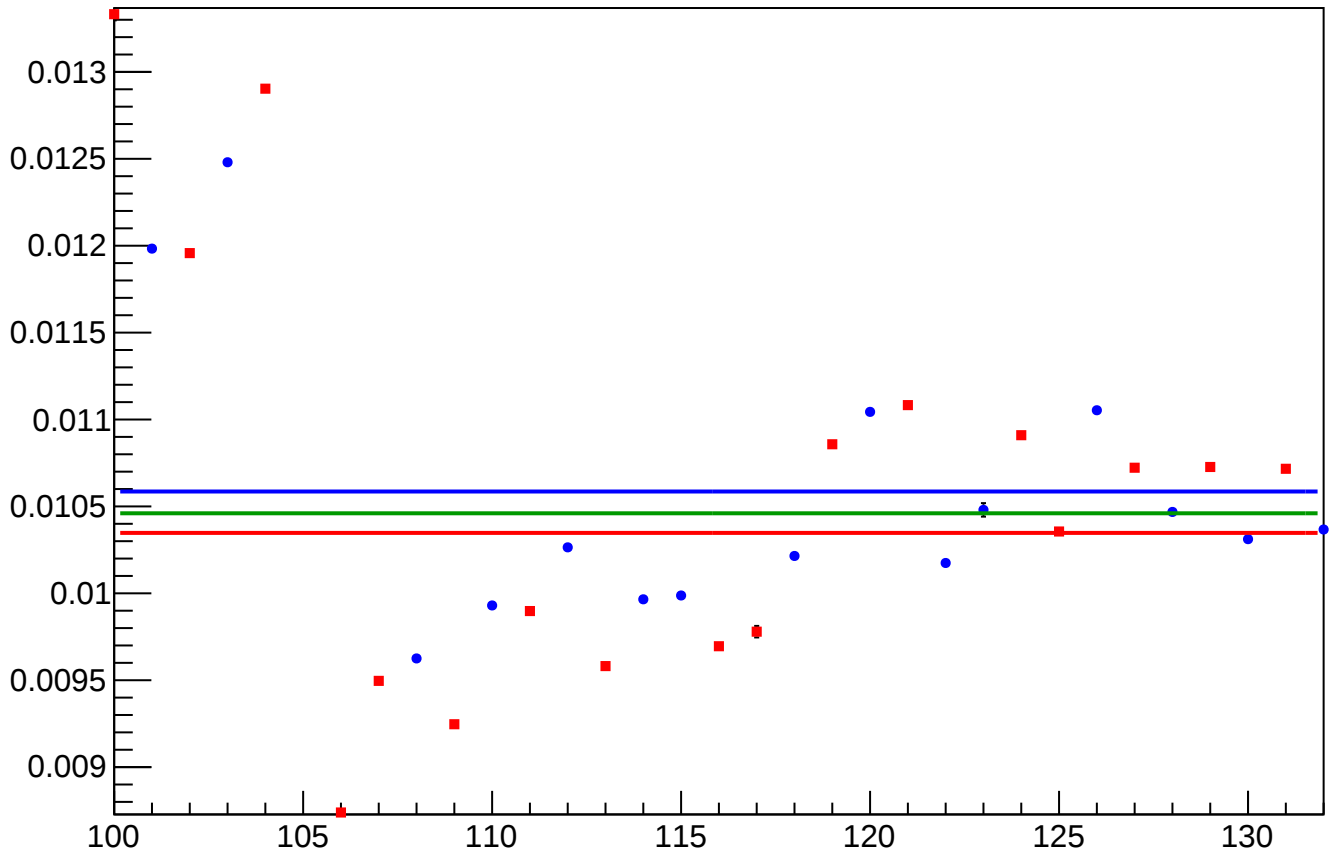
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.085+/-0.000 χ^2/NDF : 4988075373.0/14

-0.096+/-0.000 χ^2/NDF : 10557476214.6/16

-0.106+/-0.000 χ^2/NDF : 5558471509.3/16

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 61679.1/14

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

Right Out: 0.010+/-0.000 χ^2/NDF : 125540.4/16

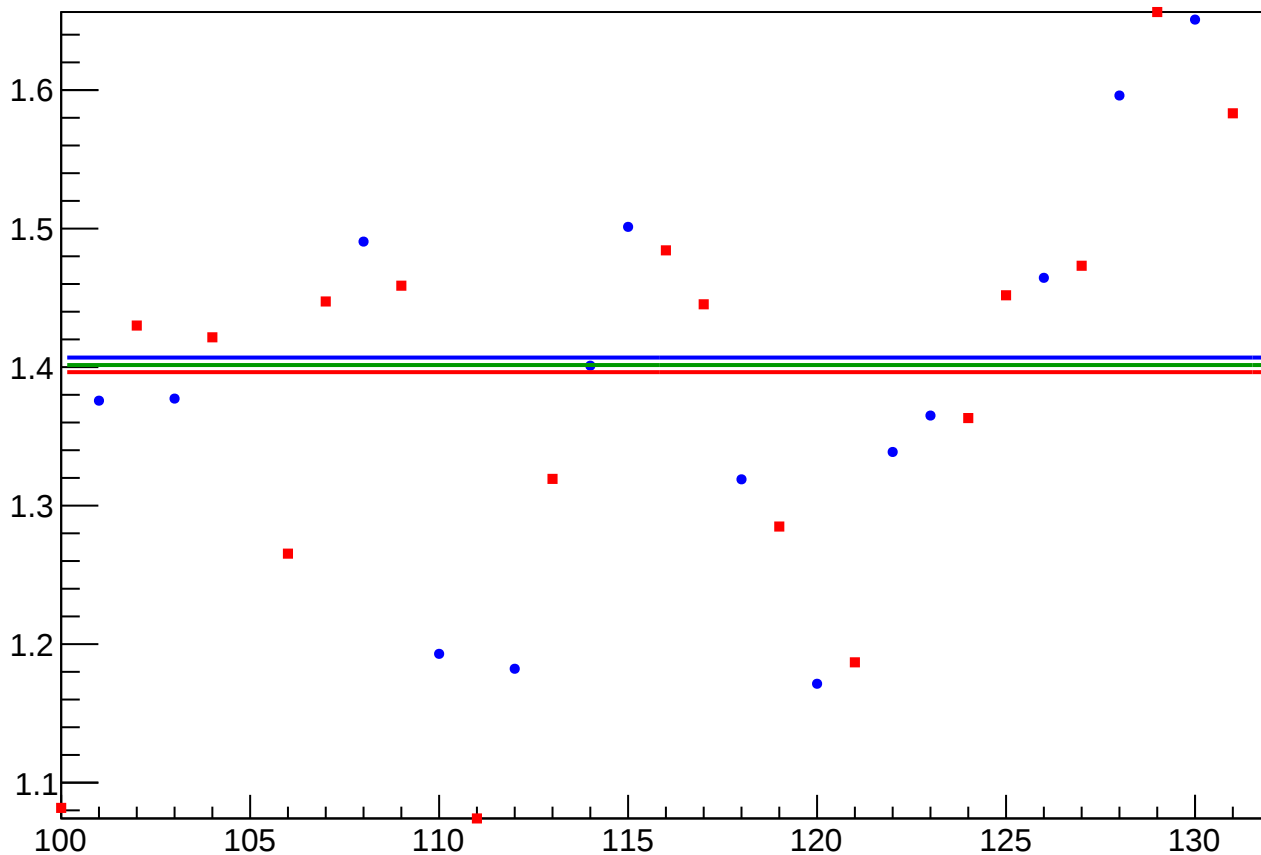
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 61679.1/14

0.010+/-0.000 χ^2/NDF : 190227.6/31

0.010+/-0.000 χ^2/NDF : 125540.4/16

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.407+/-0.000 χ^2/NDF : 2303416420.4/14

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

Right Out: 1.396+/-0.000 χ^2/NDF : 2217566750.2/16

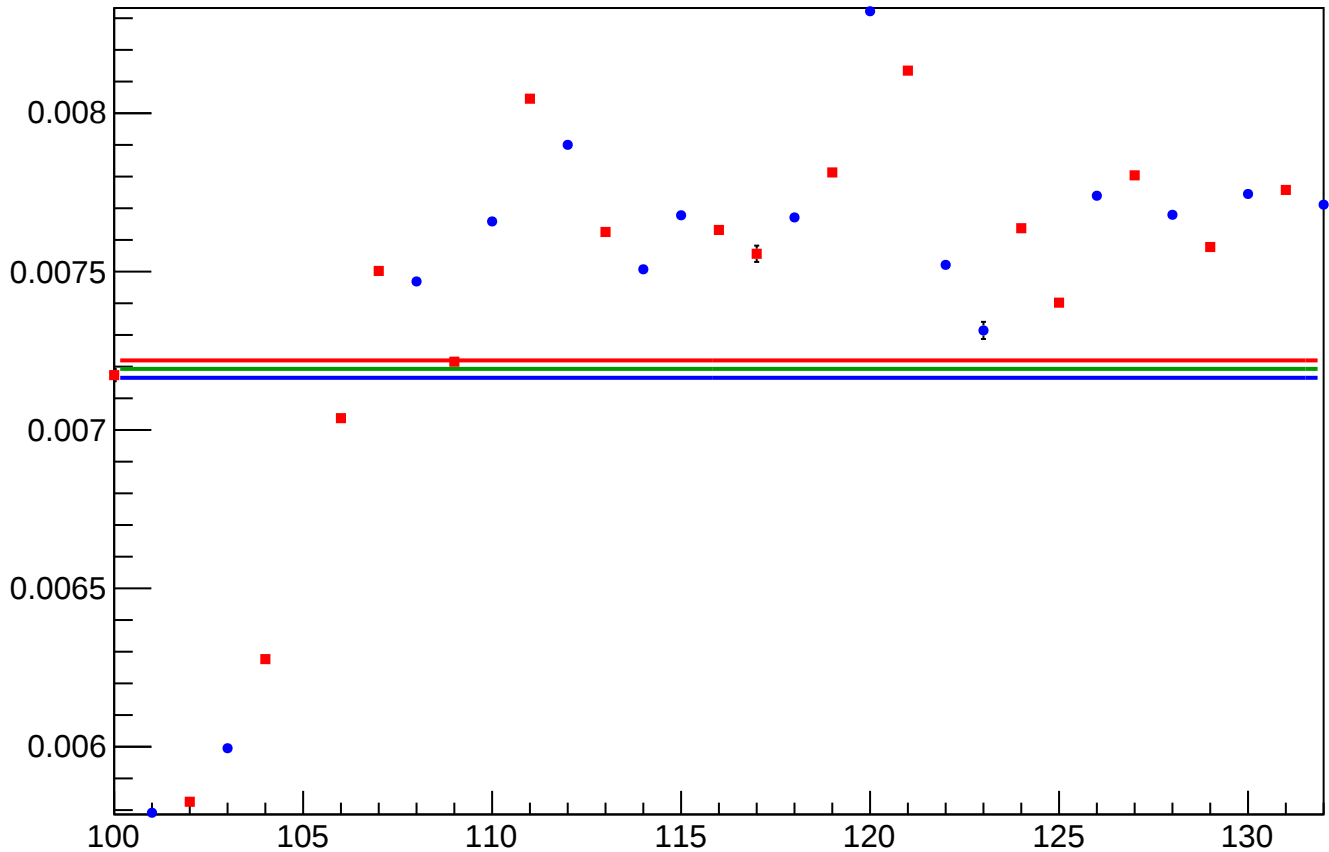
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

1.407+/-0.000 χ^2/NDF : 2303416420.4/14

1.401+/-0.000 χ^2/NDF : 4527191662.2/31

1.396+/-0.000 χ^2/NDF : 2217566750.2/16

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 159257.7/14

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

Right Out: 0.007+/-0.000 χ^2/NDF : 125630.3/16

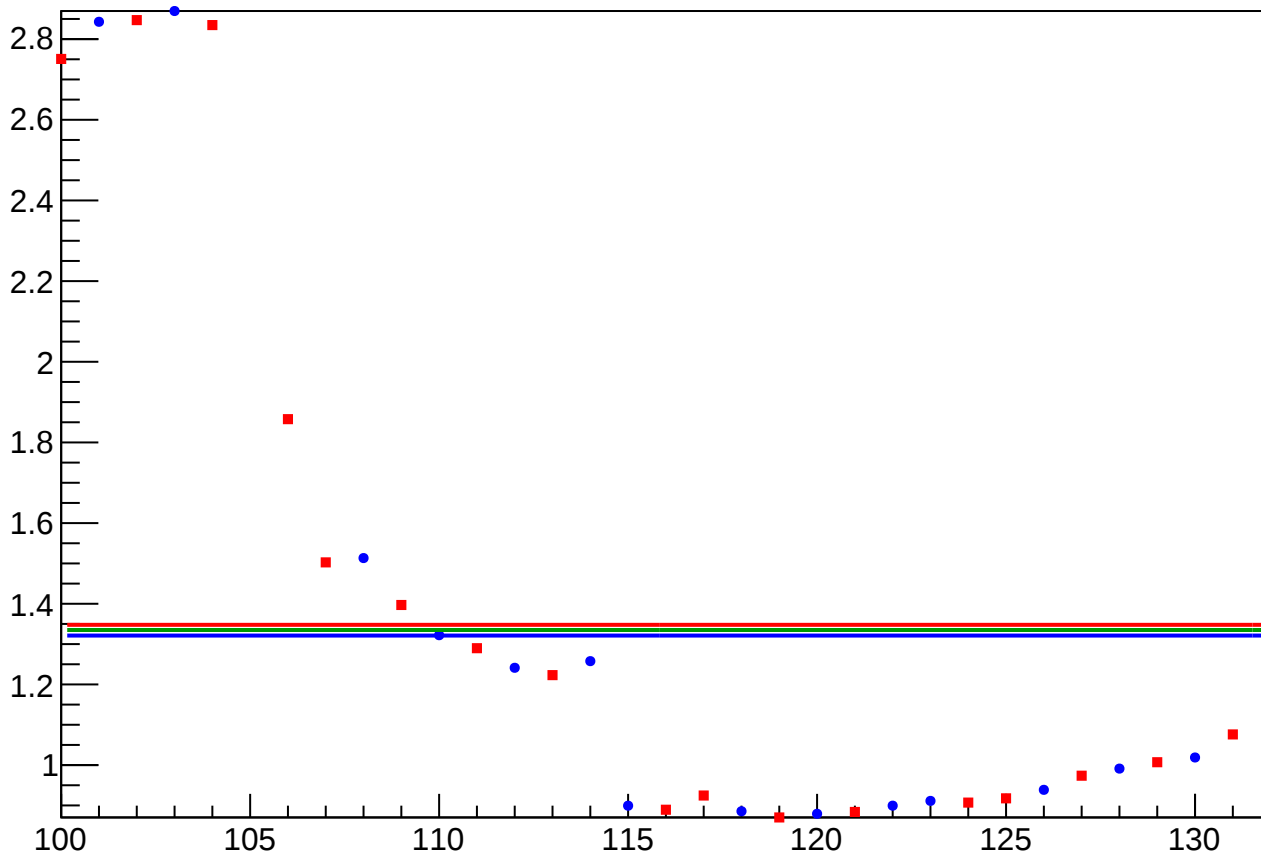
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 159257.7/14

0.007+/-0.000 χ^2/NDF : 285224.8/31

0.007+/-0.000 χ^2/NDF : 125630.3/16

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.321+/-0.000 χ^2/NDF : 51511112361.4/14

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

Right Out: 1.348+/-0.000 χ^2/NDF : 48052064691.9/16

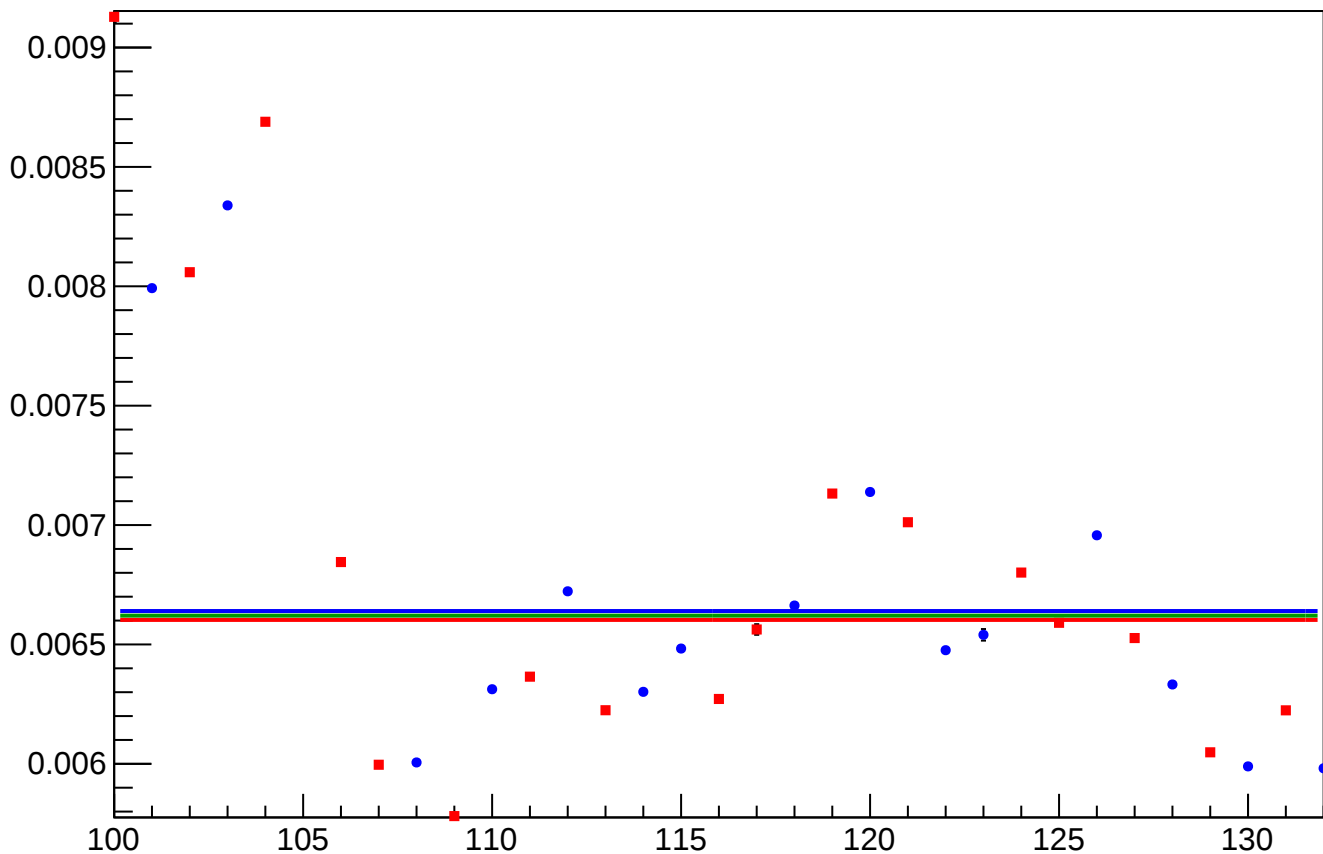
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.321+/-0.000 χ^2/NDF : 51511112361.4/14

1.335+/-0.000 χ^2/NDF : 99609870943.3/3

1.348+/-0.000 χ^2/NDF : 48052064691.9/16

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 121385.4/14

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

Right Out: 0.007+/-0.000 χ^2/NDF : 156135.9/16

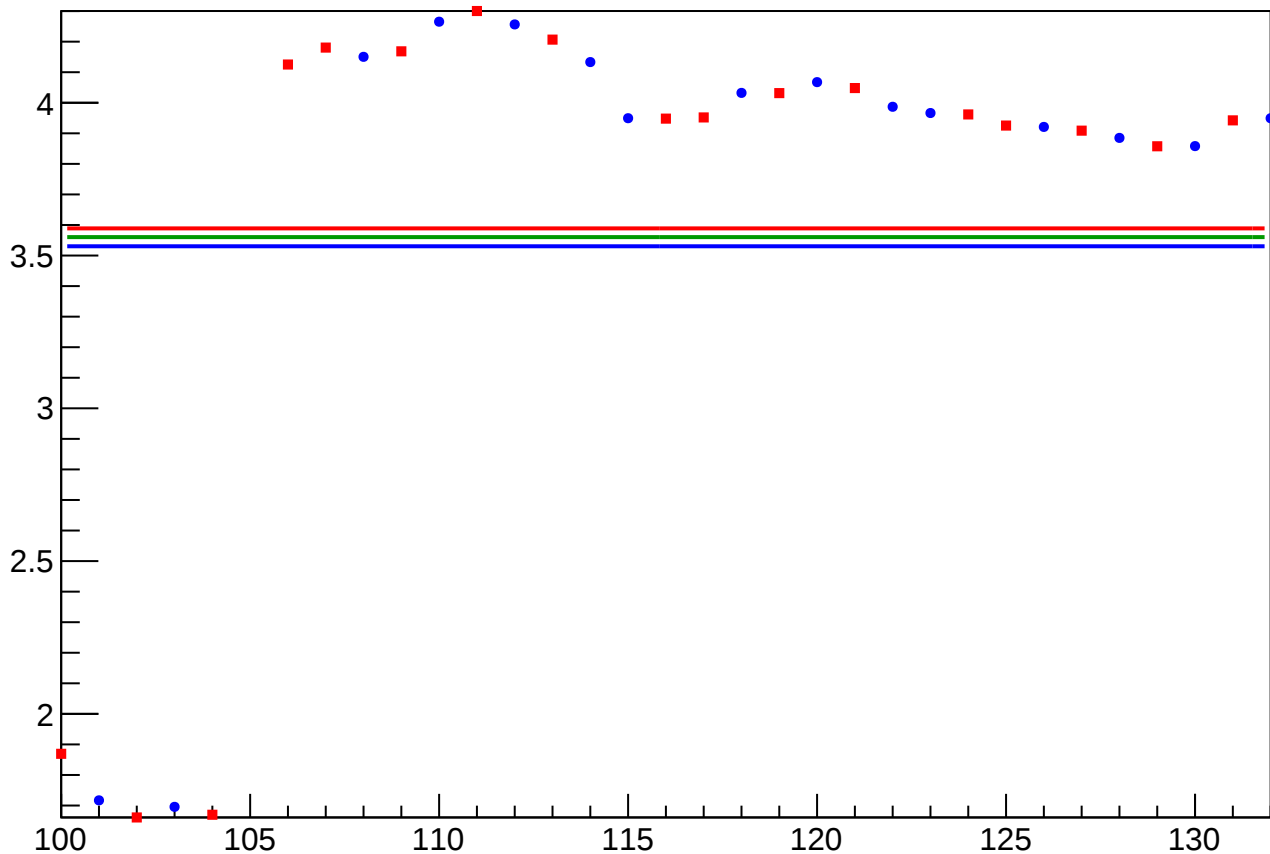
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 121385.4/14

0.007+/-0.000 χ^2/NDF : 277703.8/31

0.007+/-0.000 χ^2/NDF : 156135.9/16

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.530+/-0.000 χ^2/NDF : 178186766241.8/14

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

Right Out: 3.589+/-0.000 χ^2/NDF : 184603909380.7/16

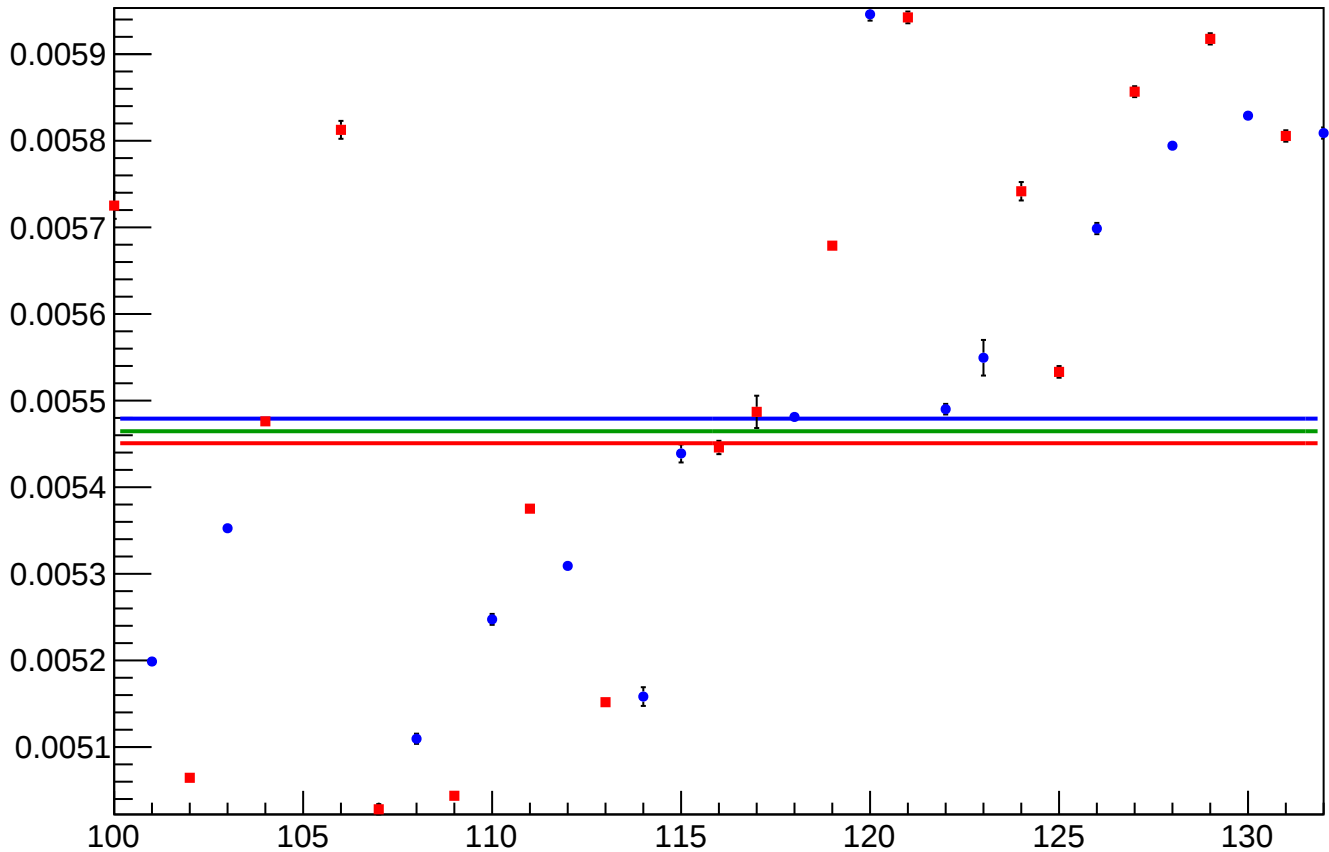
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.530+/-0.000 χ^2/NDF : 178186766241.8/14

3.560+/-0.000 χ^2/NDF : 363122500521.2/16

3.589+/-0.000 χ^2/NDF : 184603909380.7/16

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 25774.1/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 42929.0/16

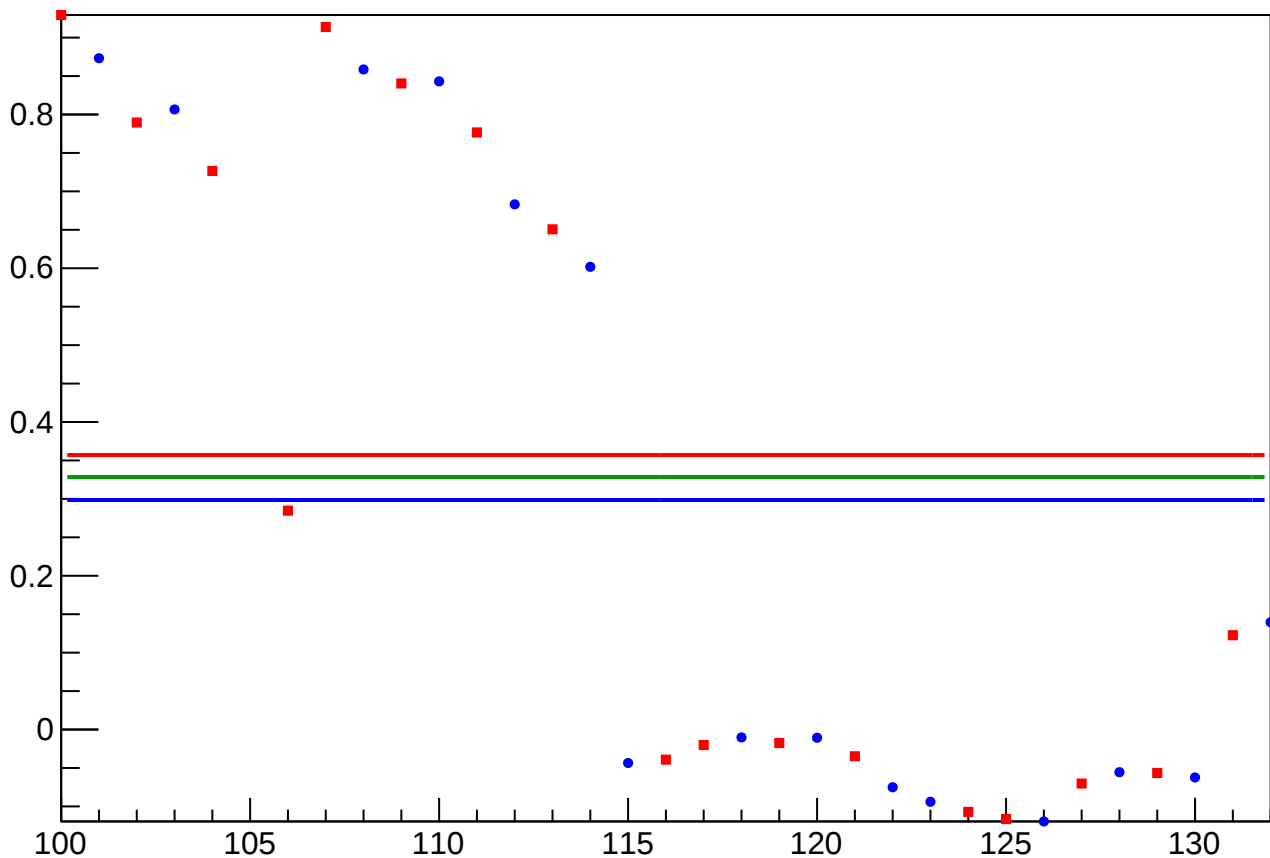
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 25774.1/14

0.005+/-0.000 χ^2/NDF : 68859.5/31

0.005+/-0.000 χ^2/NDF : 42929.0/16

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.299+/-0.000 χ^2/NDF : 4963185987.8/14

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

Right Out: 0.357+/-0.000 χ^2/NDF : 5047993245.8/16

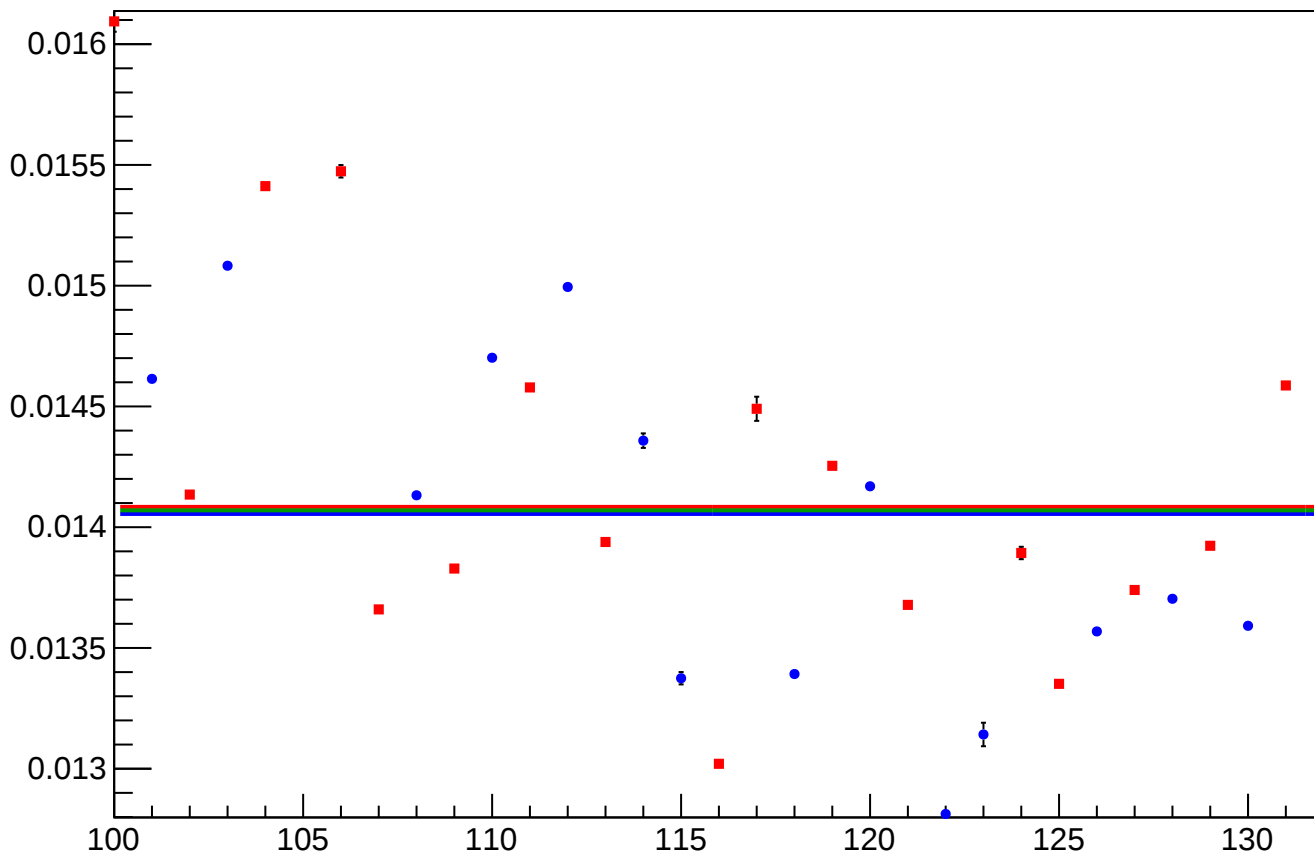
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.299+/-0.000 χ^2/NDF : 4963185987.8/14

0.328+/-0.000 χ^2/NDF : 10061102557.0/3

0.357+/-0.000 χ^2/NDF : 5047993245.8/16

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 27591.2/14

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

Right Out: 0.014+/-0.000 χ^2/NDF : 22343.4/16

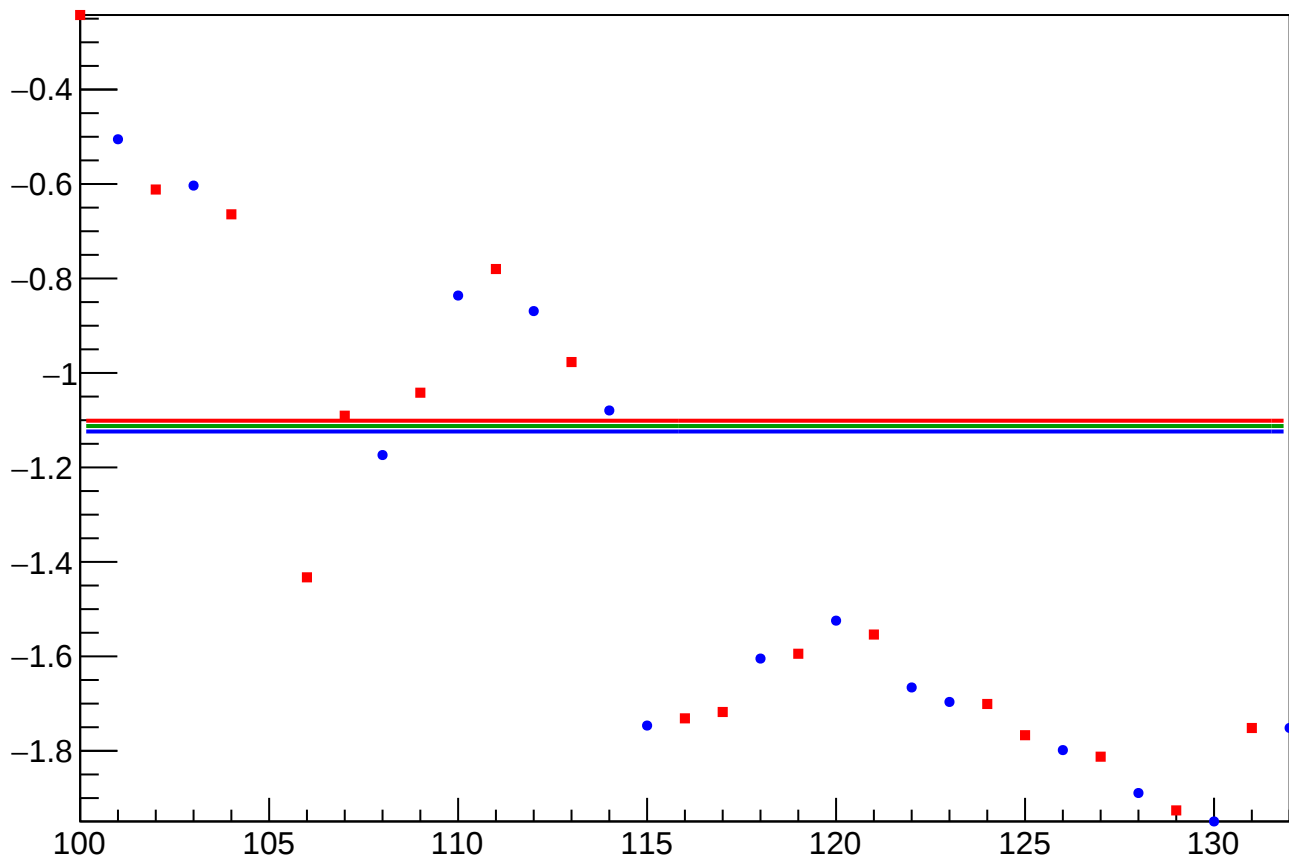
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 27591.2/14

0.014+/-0.000 χ^2/NDF : 49959.6/31

0.014+/-0.000 χ^2/NDF : 22343.4/16

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.124+/-0.000 χ^2/NDF : 53455300376.5/14

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

Right Out: -1.101+/-0.000 χ^2/NDF : 44034348007.5/16

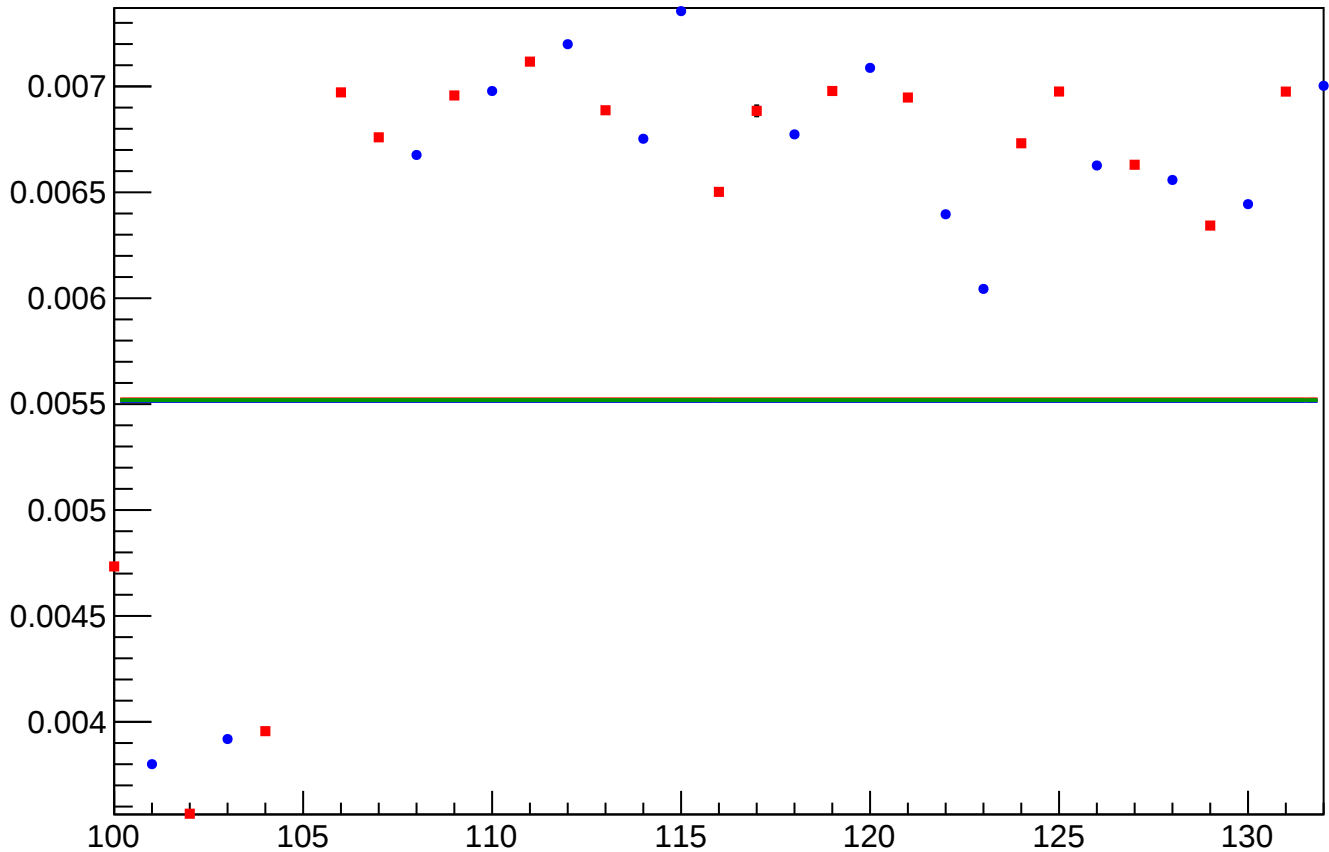
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.124+/-0.000 χ^2/NDF : 53455300376.5/14

-1.112+/-0.000 χ^2/NDF : 97533292282.9/14

-1.101+/-0.000 χ^2/NDF : 44034348007.5/16

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 688883.5/14

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

Right Out: 0.006+/-0.000 χ^2/NDF : 798227.7/16

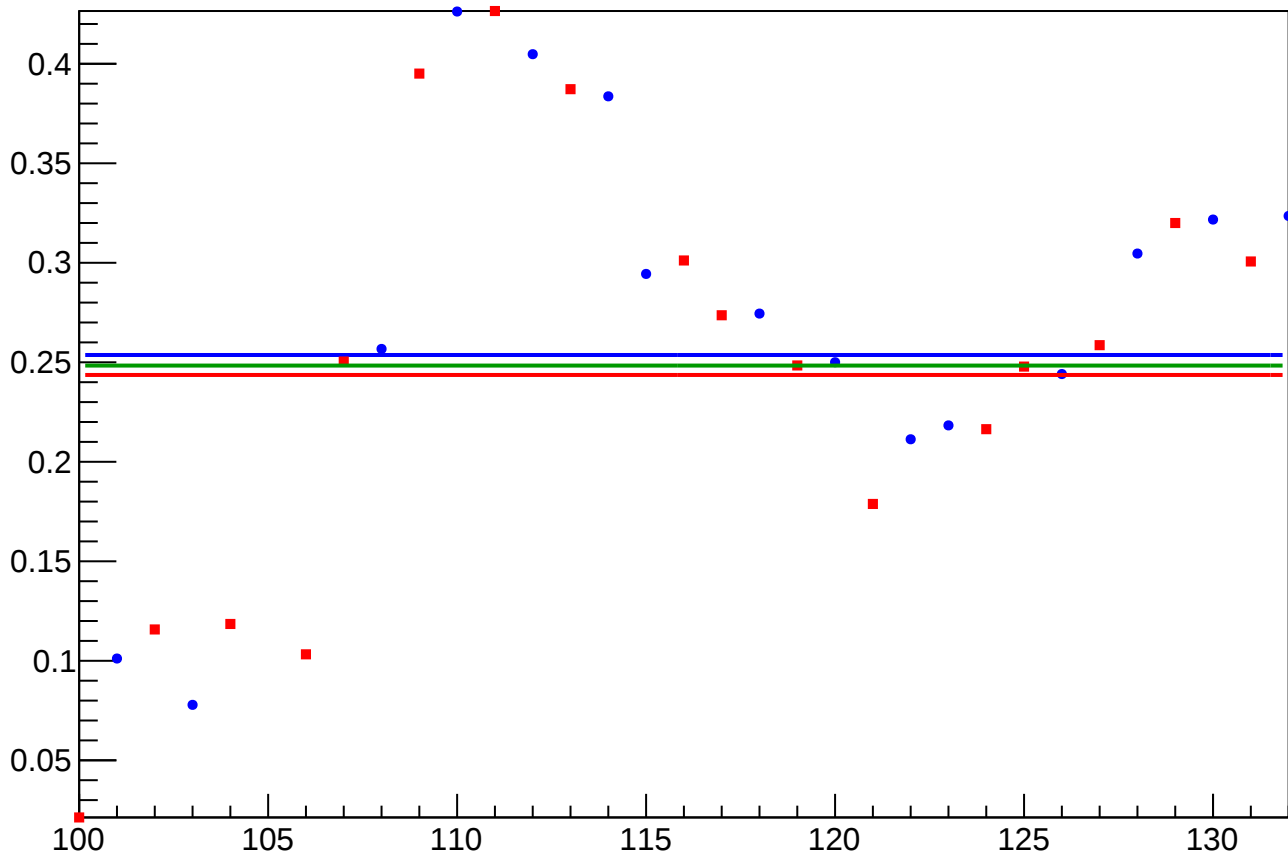
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 688883.5/14

0.006+/-0.000 χ^2/NDF : 1487119.6/31

0.006+/-0.000 χ^2/NDF : 798227.7/16

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.254+/-0.000 χ^2/NDF : 21055187906.2/14

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

Right Out: 0.244+/-0.000 χ^2/NDF : 25382262521.5/16

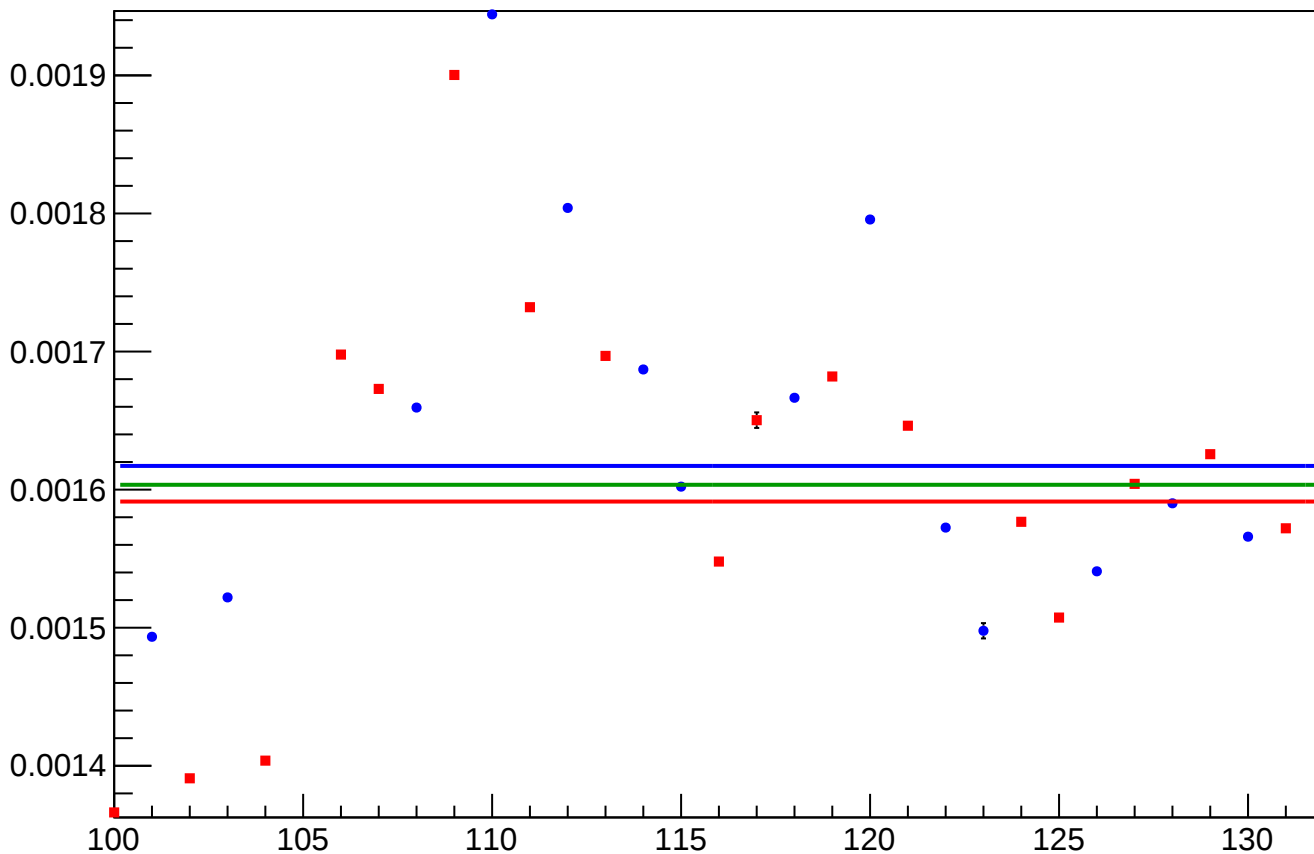
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.254+/-0.000 χ^2/NDF : 21055187906.2/14

0.248+/-0.000 χ^2/NDF : 46548006171.1/3

0.244+/-0.000 χ^2/NDF : 25382262521.5/16

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 50995.3/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 88452.7/16

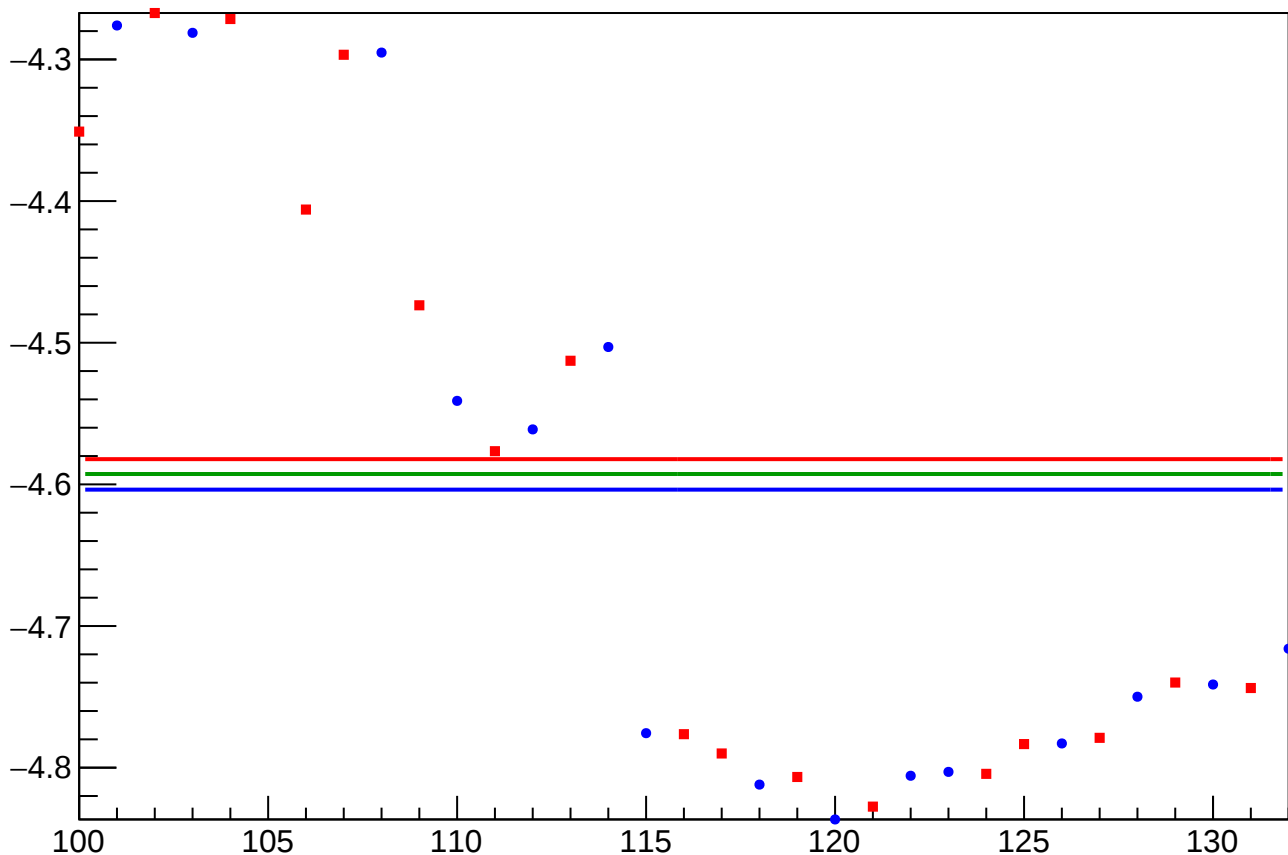
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 50995.3/14

0.002+/-0.000 χ^2/NDF : 140909.2/31

0.002+/-0.000 χ^2/NDF : 88452.7/16

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.604+/-0.000 χ^2/NDF : 75193270039.1/14

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

Right Out: -4.582+/-0.000 χ^2/NDF : 73767419040.4/16

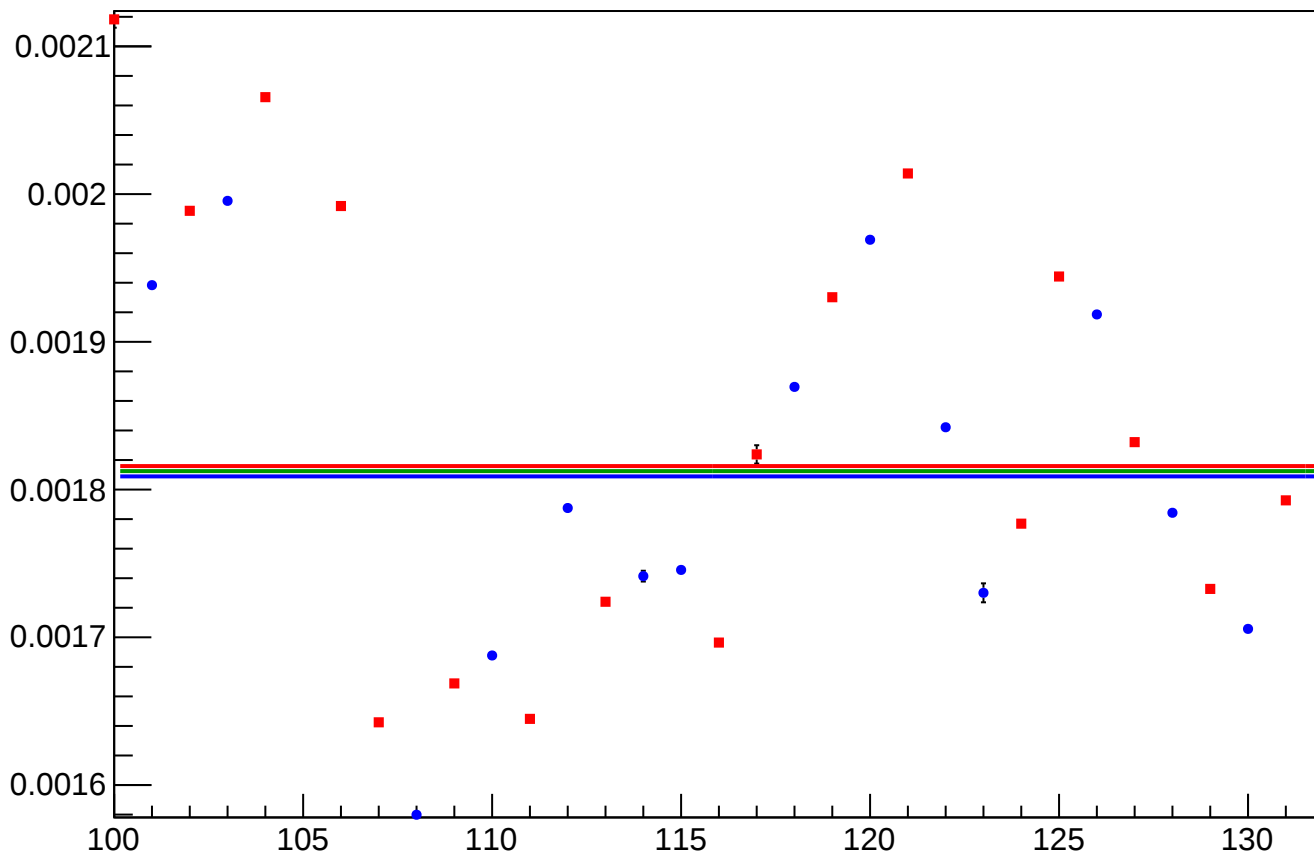
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.604+/-0.000 χ^2/NDF : 75193270039.1/14

-4.593+/-0.000 χ^2/NDF : 149361850848.1

-4.582+/-0.000 χ^2/NDF : 73767419040.4/16

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 47213.2/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 74697.4/16

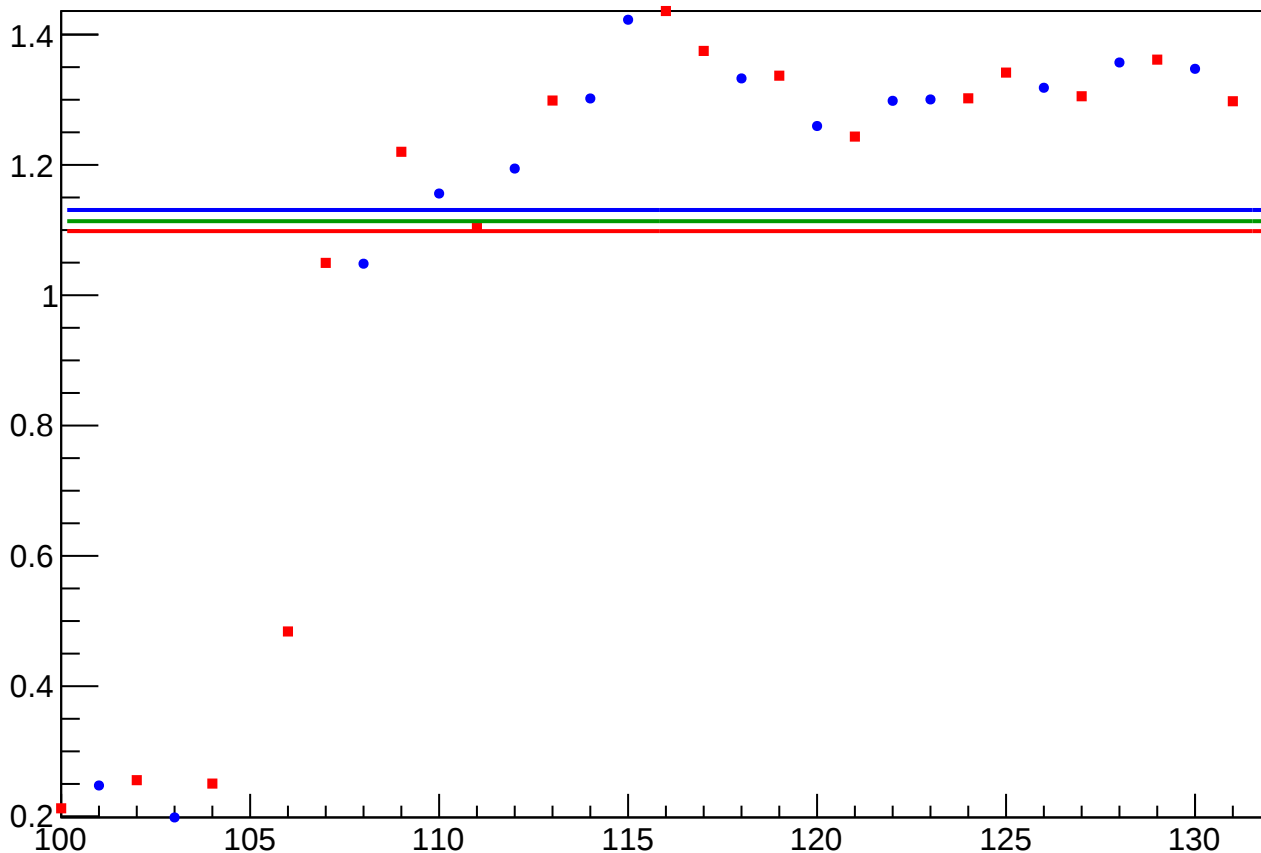
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 47213.2/14

0.002+/-0.000 χ^2/NDF : 121995.0/31

0.002+/-0.000 χ^2/NDF : 74697.4/16

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.131+/-0.000 χ^2/NDF : 14755340272.6/14

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

Right Out: 1.098+/-0.000 χ^2/NDF : 16772404931.3/16

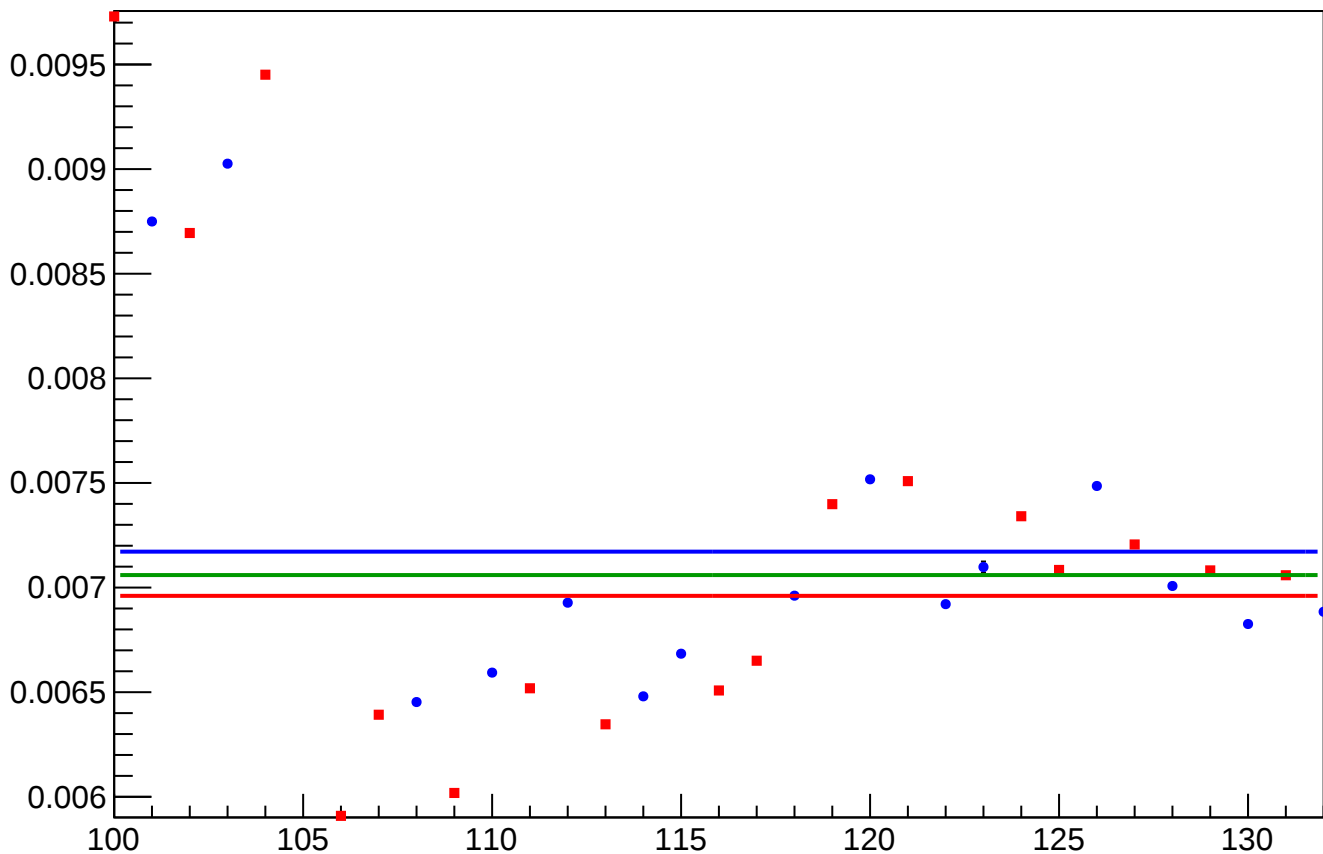
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

1.131+/-0.000 χ^2/NDF : 14755340272.6/14

1.114+/-0.000 χ^2/NDF : 31588590832.5/3

1.098+/-0.000 χ^2/NDF : 16772404931.3/16

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 115044.2/14

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

Right Out: 0.007+/-0.000 χ^2/NDF : 198140.8/16

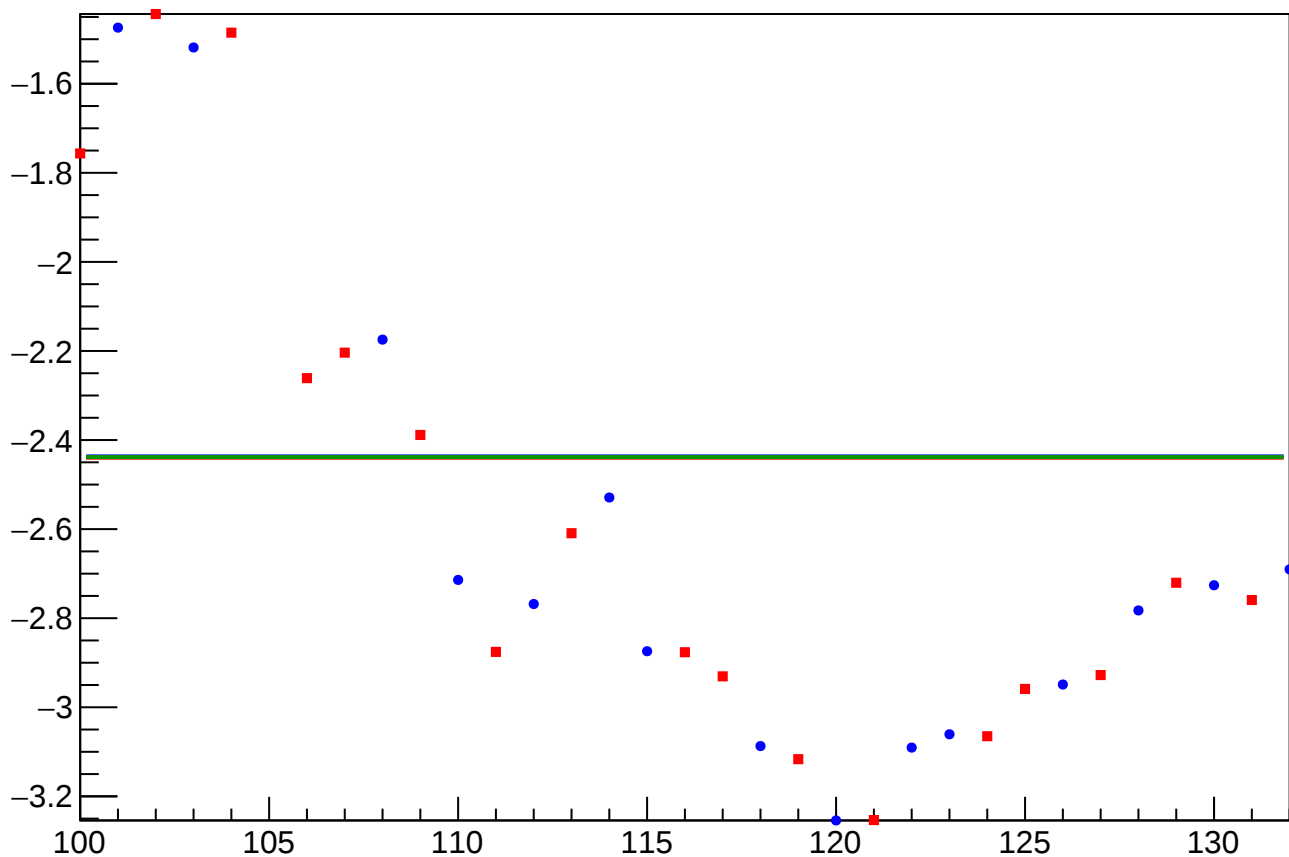
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 115044.2/14

0.007+/-0.000 χ^2/NDF : 318347.4/31

0.007+/-0.000 χ^2/NDF : 198140.8/16

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.437+/-0.000 χ^2/NDF : 51235295098.5/14

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

Right Out: -2.440+/-0.000 χ^2/NDF : 49592148094.9/16

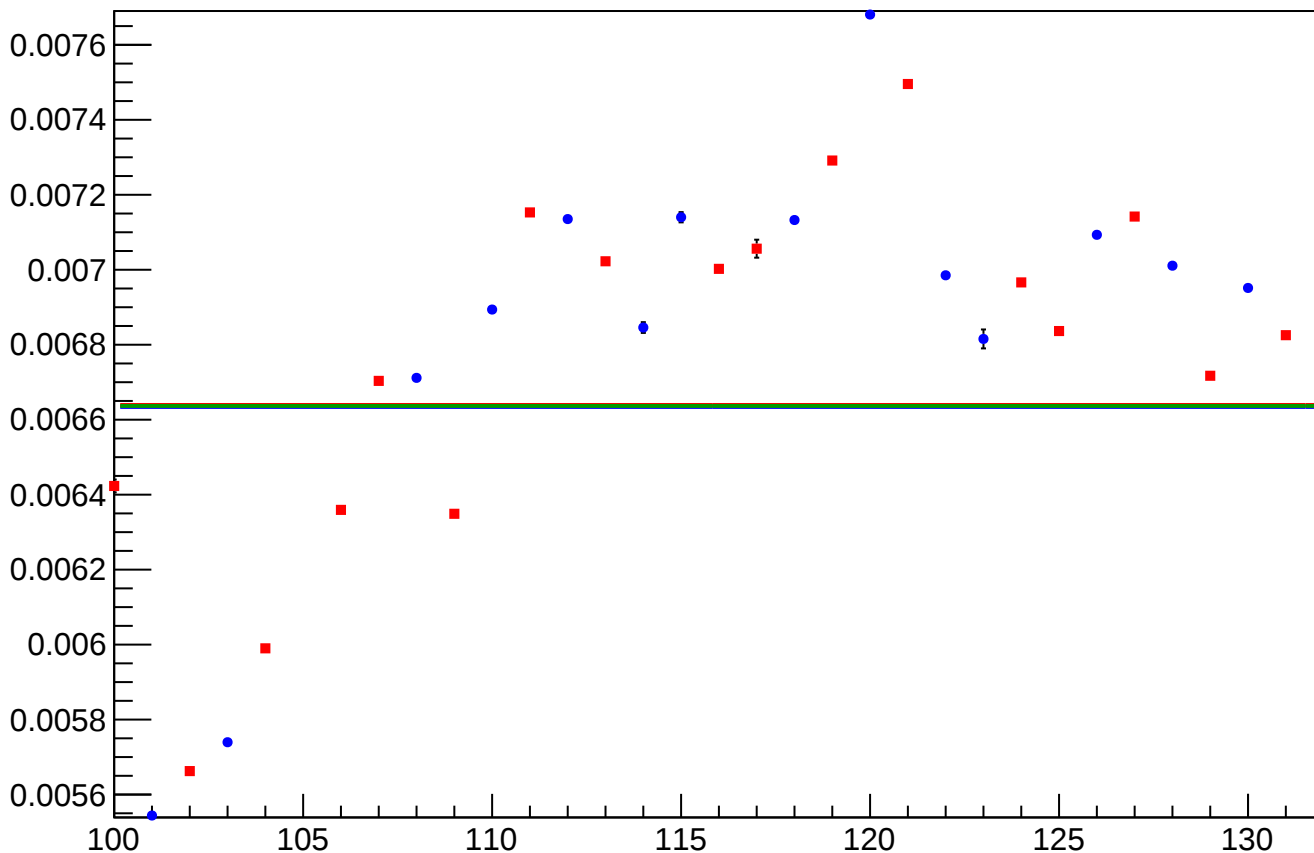
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-2.437+/-0.000 χ^2/NDF : 51235295098.5/14

-2.438+/-0.000 χ^2/NDF : 100827970779.6

-2.440+/-0.000 χ^2/NDF : 49592148094.9/16

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 108821.9/14

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

Right Out: 0.007+/-0.000 χ^2/NDF : 80740.6/16

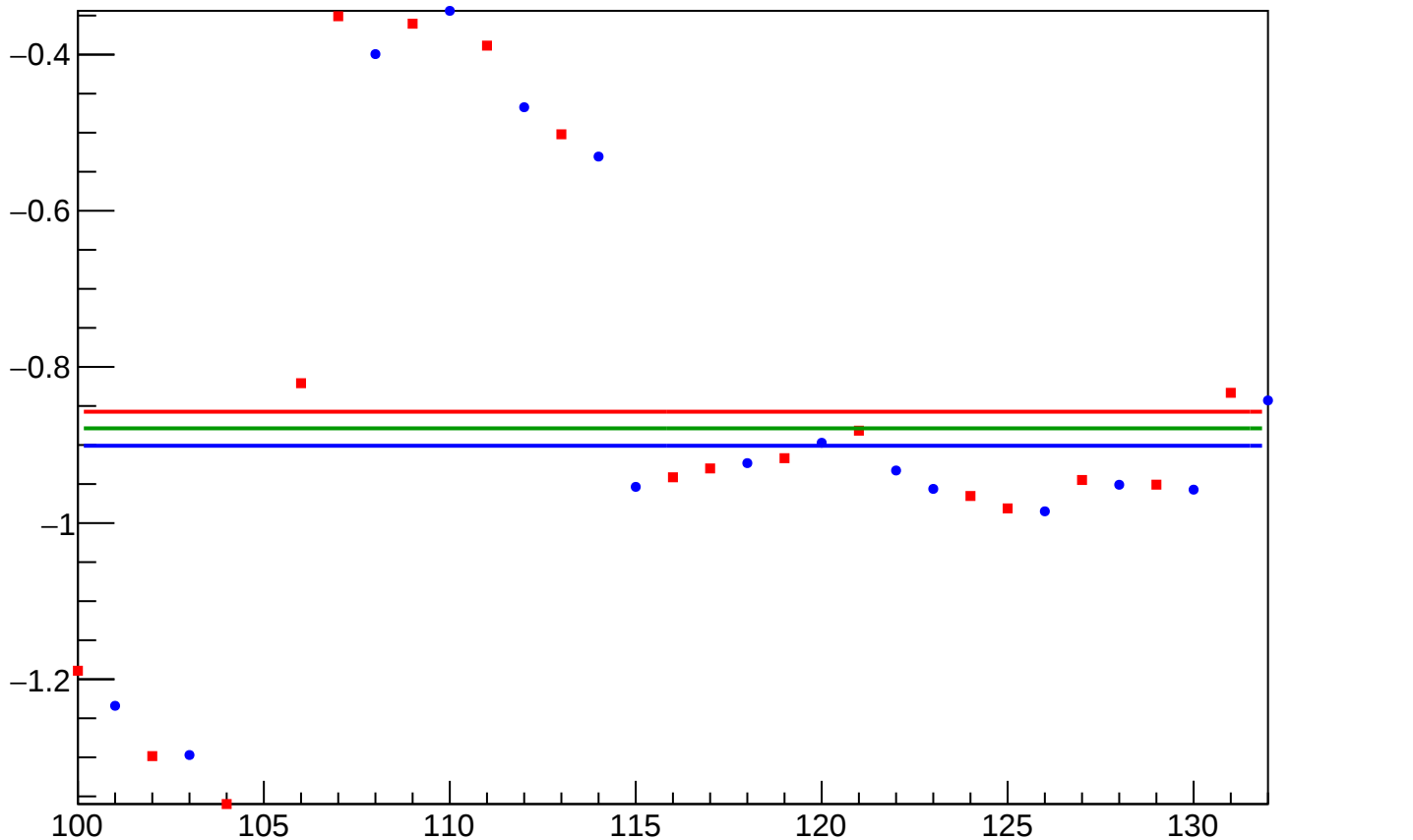
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 108821.9/14

0.007+/-0.000 χ^2/NDF : 189566.0/31

0.007+/-0.000 χ^2/NDF : 80740.6/16

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.901 ± 0.000 $\chi^2/\text{NDF}: 3926922228.8/14$

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

Right Out: -0.857 ± 0.000 $\chi^2/\text{NDF}: 5652205287.5/16$

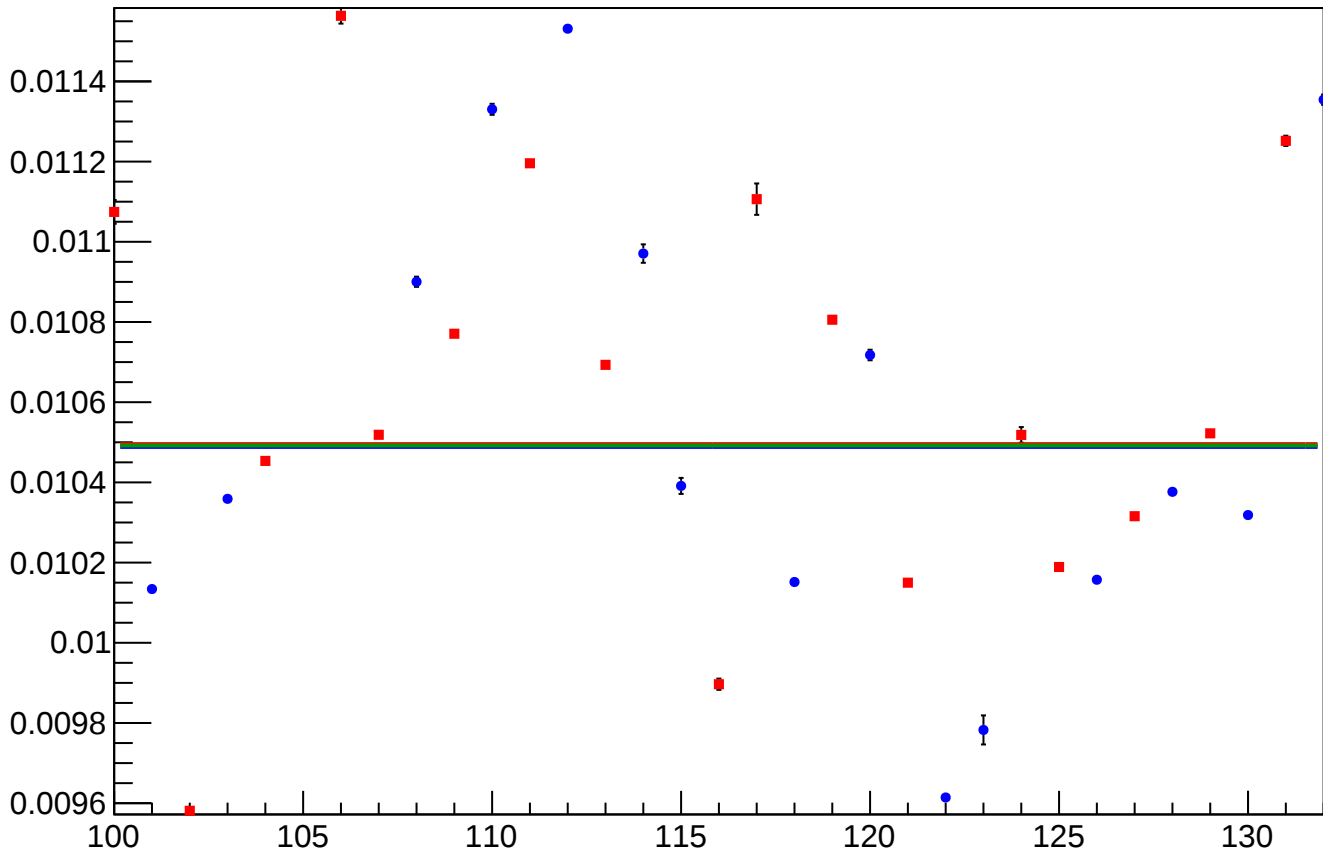
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.901 ± 0.000 $\chi^2/\text{NDF}: 3926922228.8/14$

-0.879 ± 0.000 $\chi^2/\text{NDF}: 9628708806.5/3$

-0.857 ± 0.000 $\chi^2/\text{NDF}: 5652205287.5/16$

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 28731.9/14

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

Right Out: 0.010+/-0.000 χ^2/NDF : 25760.5/16

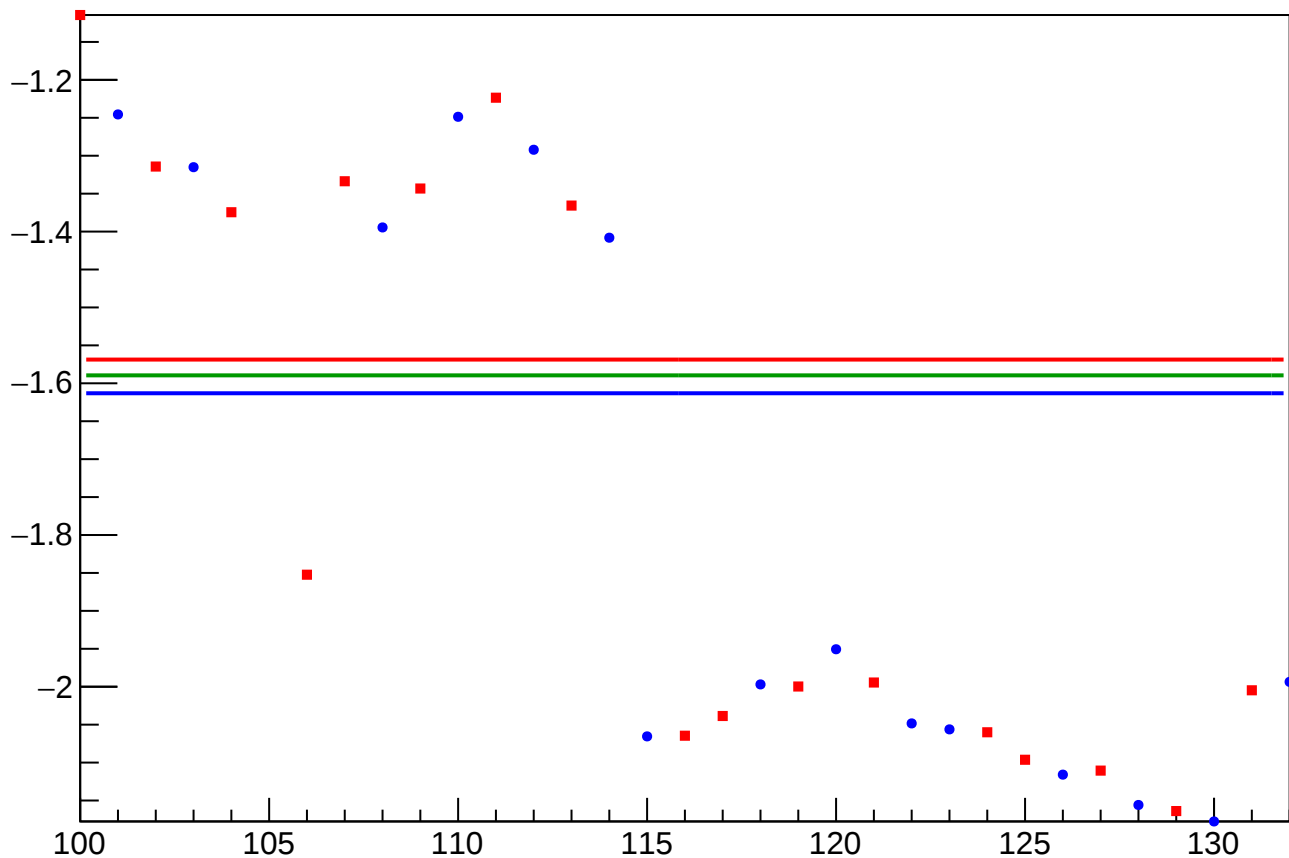
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 28731.9/14

0.010+/-0.000 χ^2/NDF : 54494.9/31

0.010+/-0.000 χ^2/NDF : 25760.5/16

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.613+/-0.000 χ^2/NDF : 120373837188.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.569+/-0.000 χ^2/NDF : 107149466356.2/16

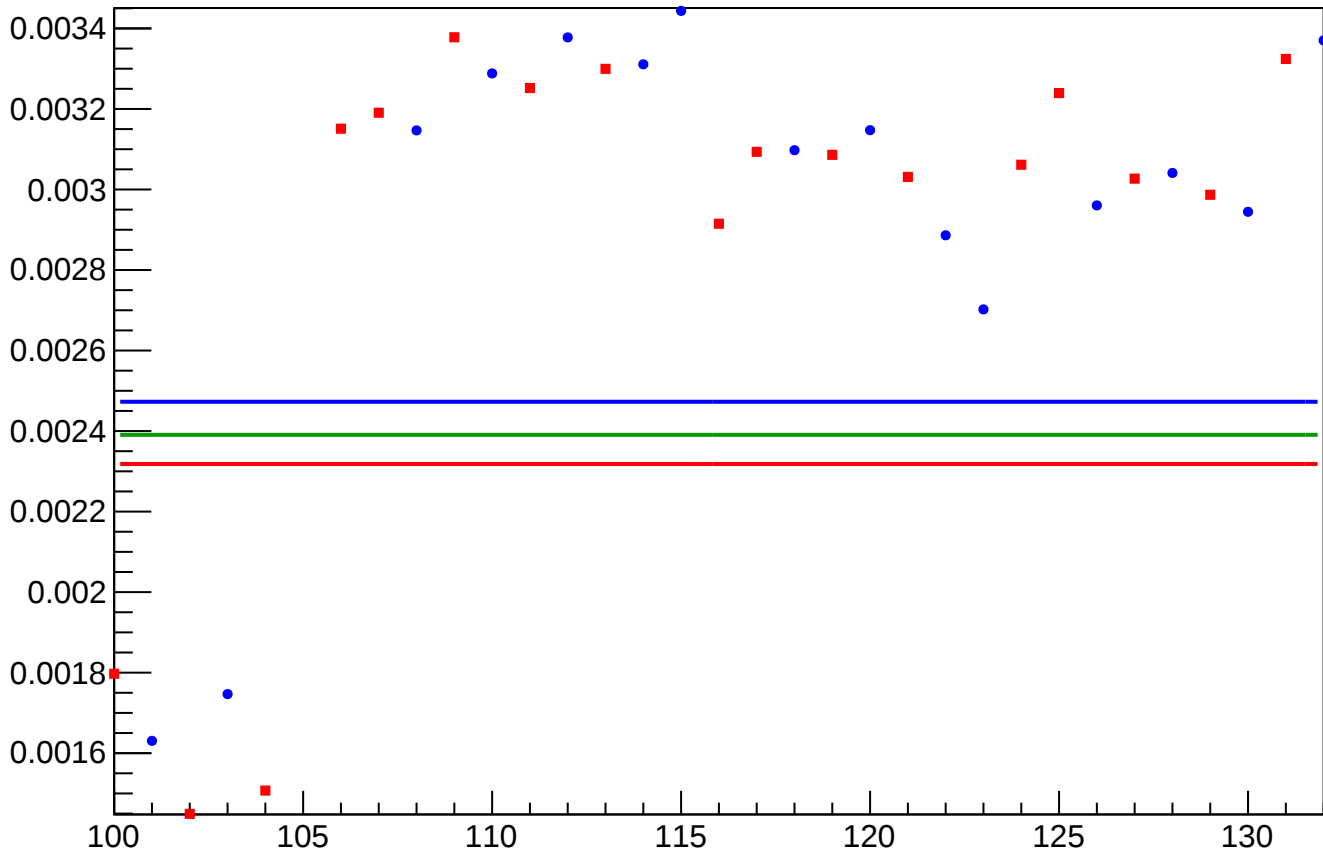
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.613+/-0.000 χ^2/NDF : 120373837188.0/14

-1.590+/-0.000 χ^2/NDF : 228344597641.8

-1.569+/-0.000 χ^2/NDF : 107149466356.2/16

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 813116.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1248627.2/16

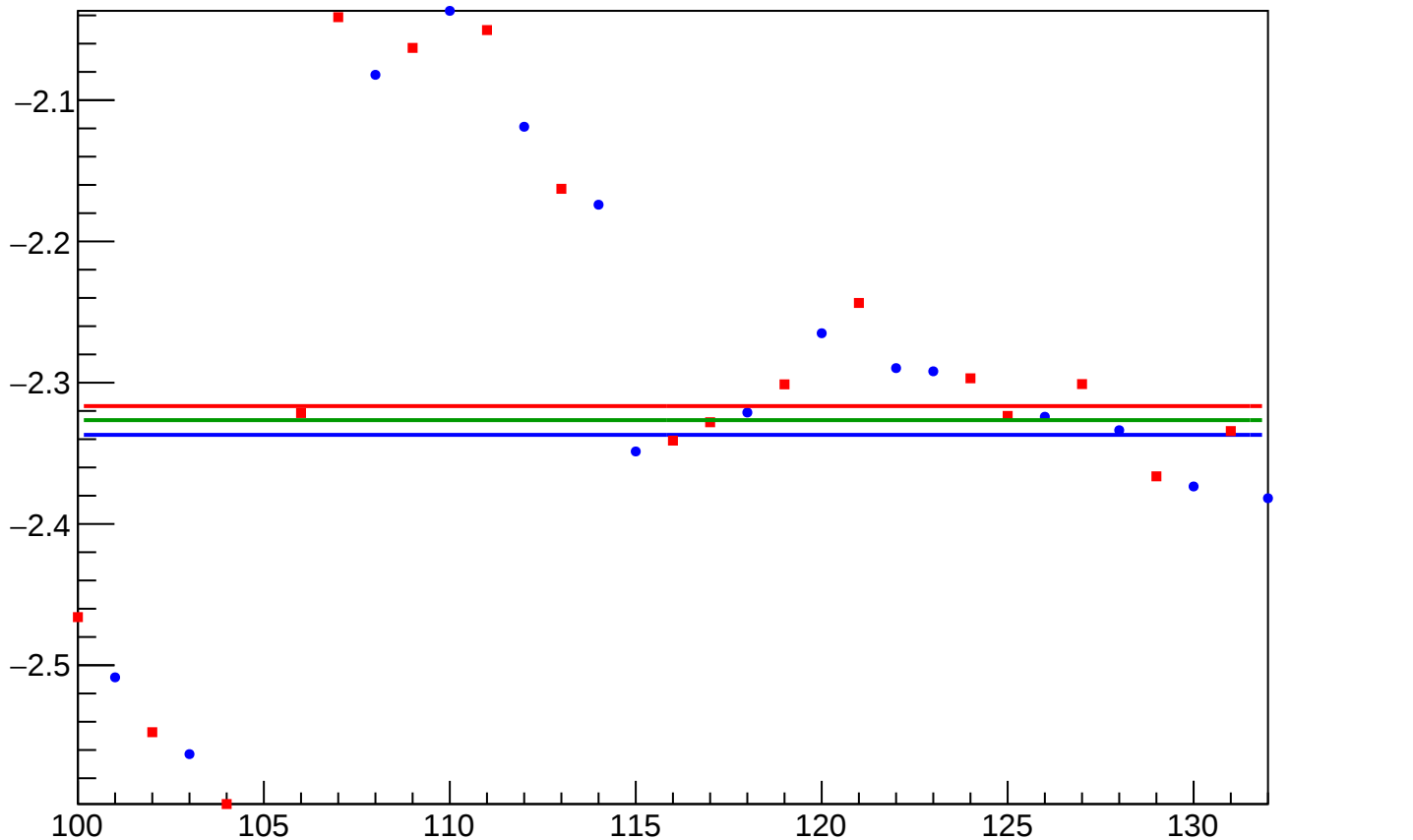
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 813116.9/14

0.002+/-0.000 χ^2/NDF : 2081633.3/31

0.002+/-0.000 χ^2/NDF : 1248627.2/16

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.337+/-0.000 χ^2/NDF : 3036111216.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

-2.337+/-0.000 χ^2/NDF : 3036111216.7/14

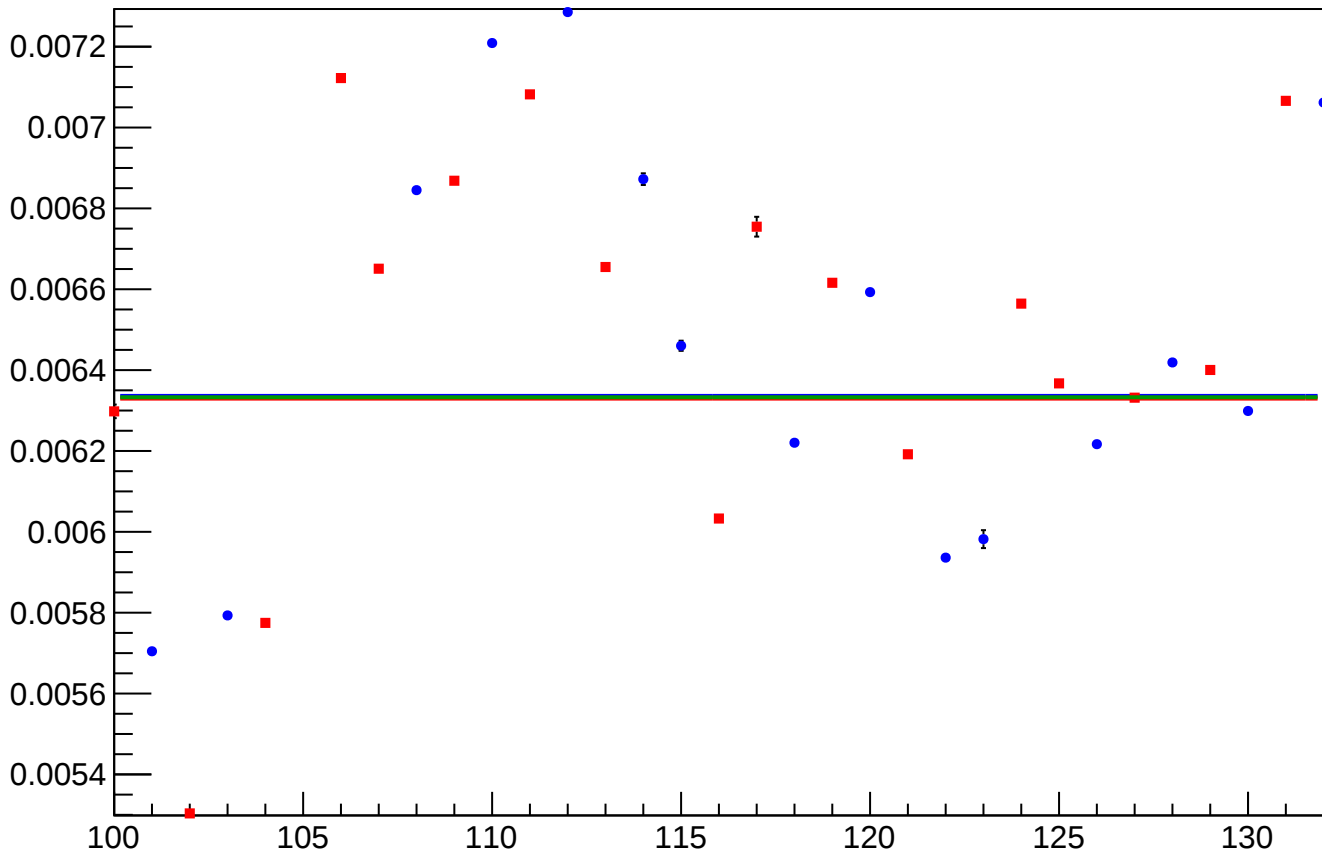
-2.326+/-0.000 χ^2/NDF : 7491747633.2/3

Right Out: -2.317+/-0.000 χ^2/NDF : 4426434820.6/16

-2.317+/-0.000 χ^2/NDF : 4426434820.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 68827.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 85863.6/16

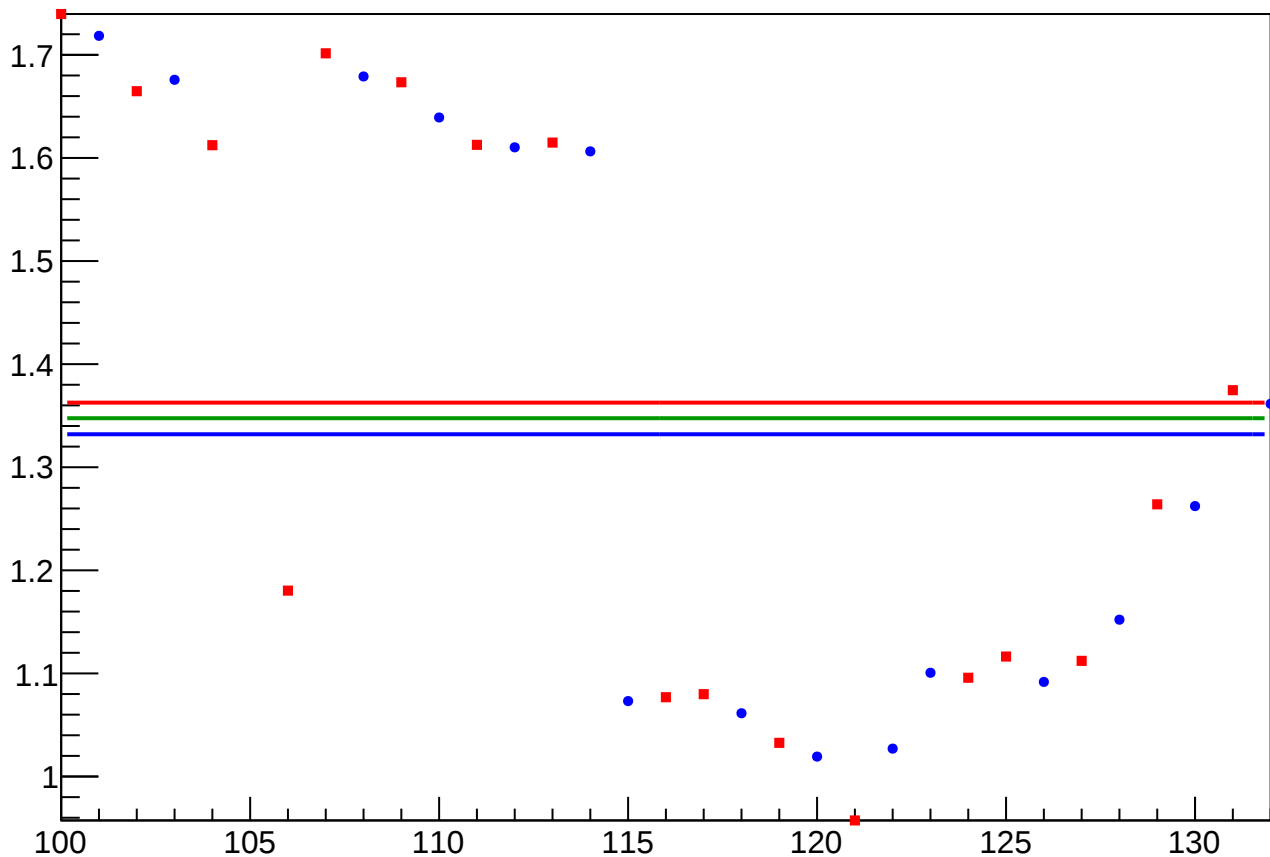
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 68827.7/14

0.006+/-0.000 χ^2/NDF : 154697.5/31

0.006+/-0.000 χ^2/NDF : 85863.6/16

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.332+/-0.000 χ^2/NDF : 95276722254.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.363+/-0.000 χ^2/NDF : 102340068406.5/16

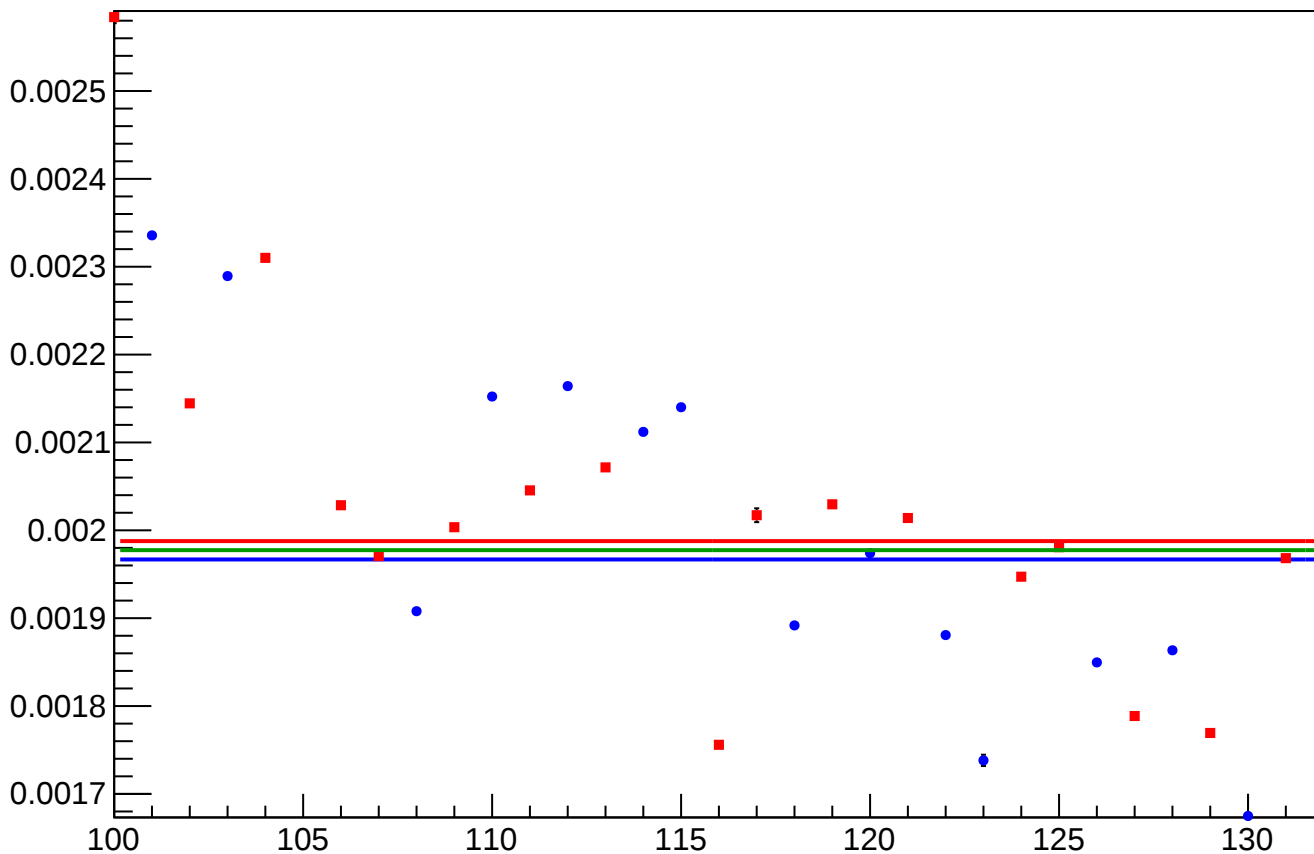
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.332+/-0.000 χ^2/NDF : 95276722254.1/14

1.348+/-0.000 χ^2/NDF : 198262485043.5/16

1.363+/-0.000 χ^2/NDF : 102340068406.5/16

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 105023.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 65693.3/16

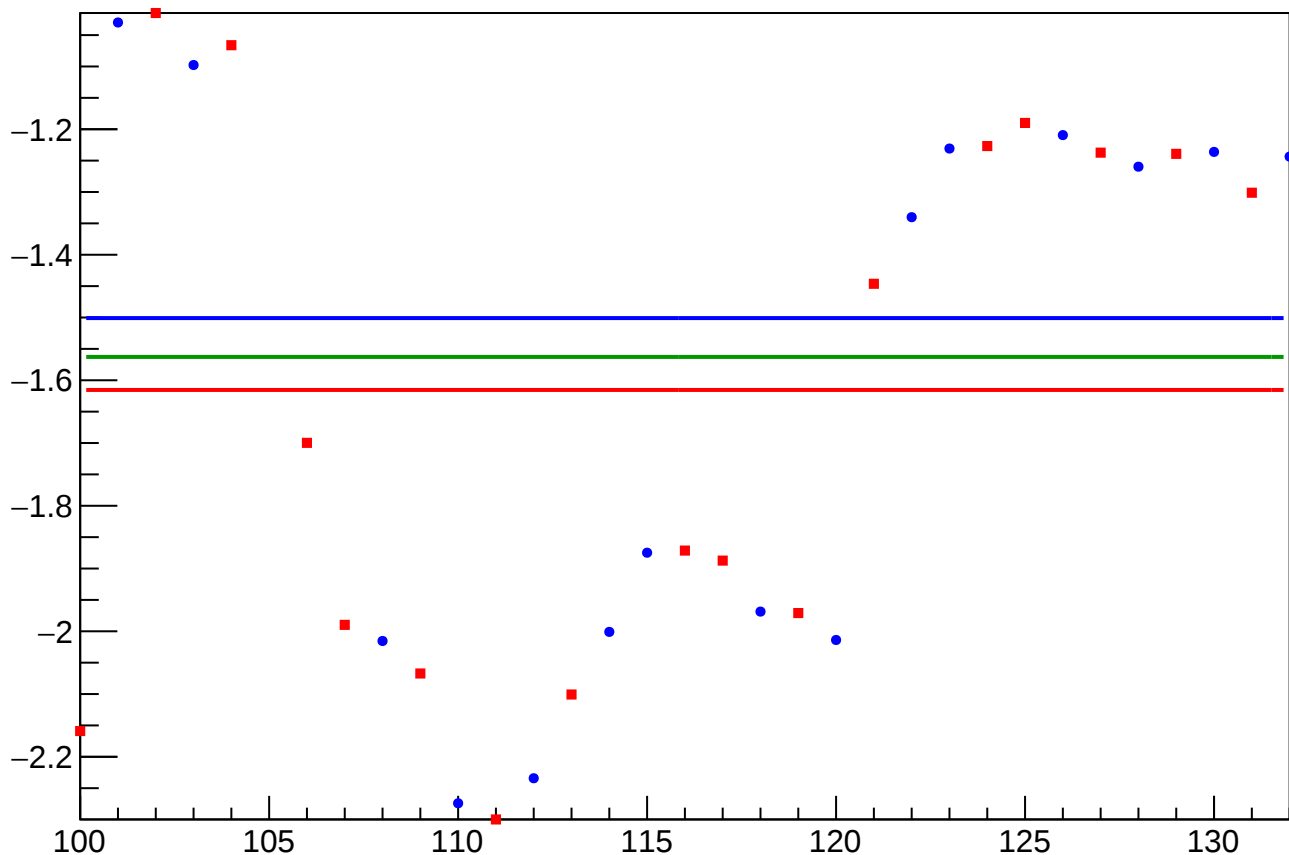
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 105023.7/14

0.002+/-0.000 χ^2/NDF : 171316.9/31

0.002+/-0.000 χ^2/NDF : 65693.3/16

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.501 ± 0.000 χ^2/NDF : 22437321213.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.615 ± 0.000 χ^2/NDF : 27847061611.3/16

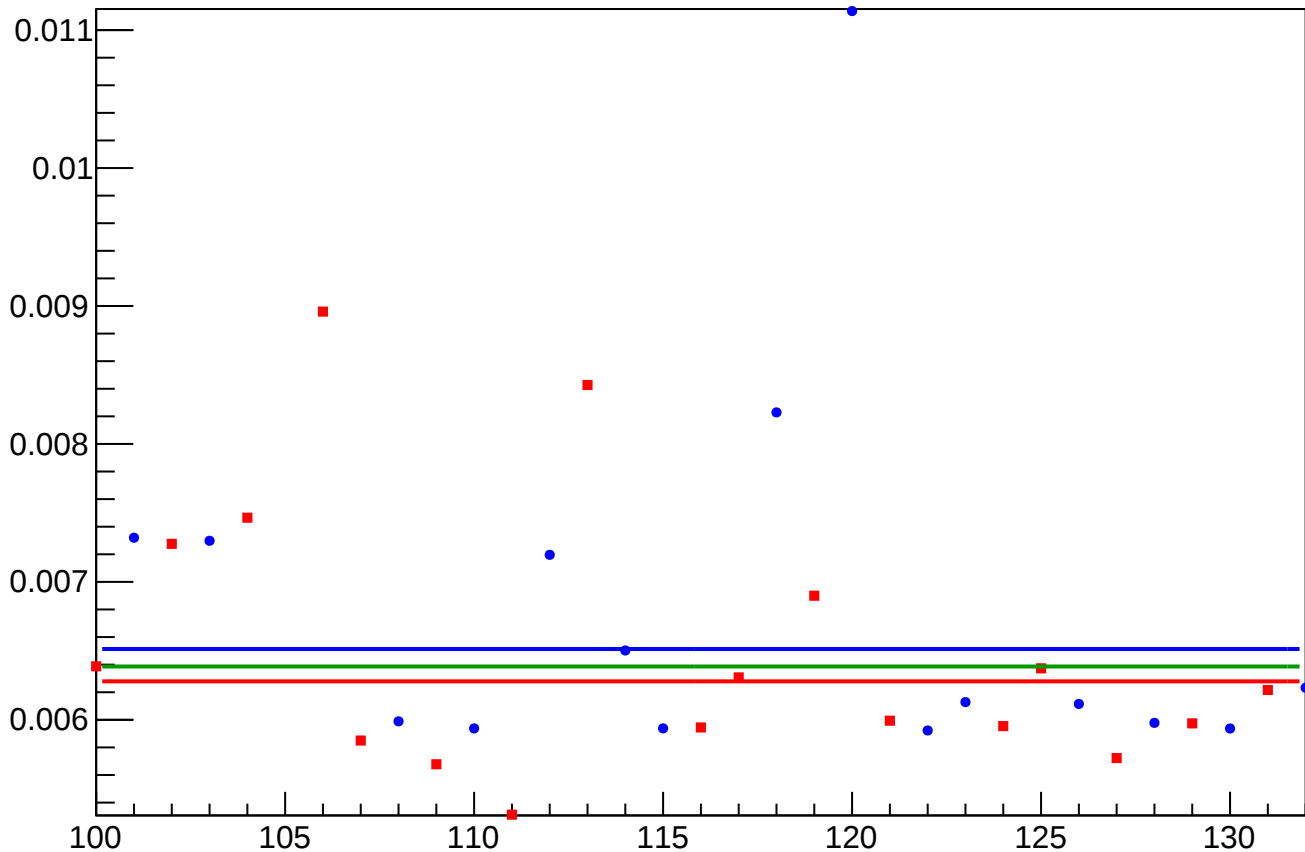
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.501 ± 0.000 χ^2/NDF : 22437321213.9/14

-1.563 ± 0.000 χ^2/NDF : 51136372551.6/16

-1.615 ± 0.000 χ^2/NDF : 27847061611.3/16

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 $\chi^2/\text{NDF}: 205198.8/14$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.006+/-0.000 $\chi^2/\text{NDF}: 195116.0/16$

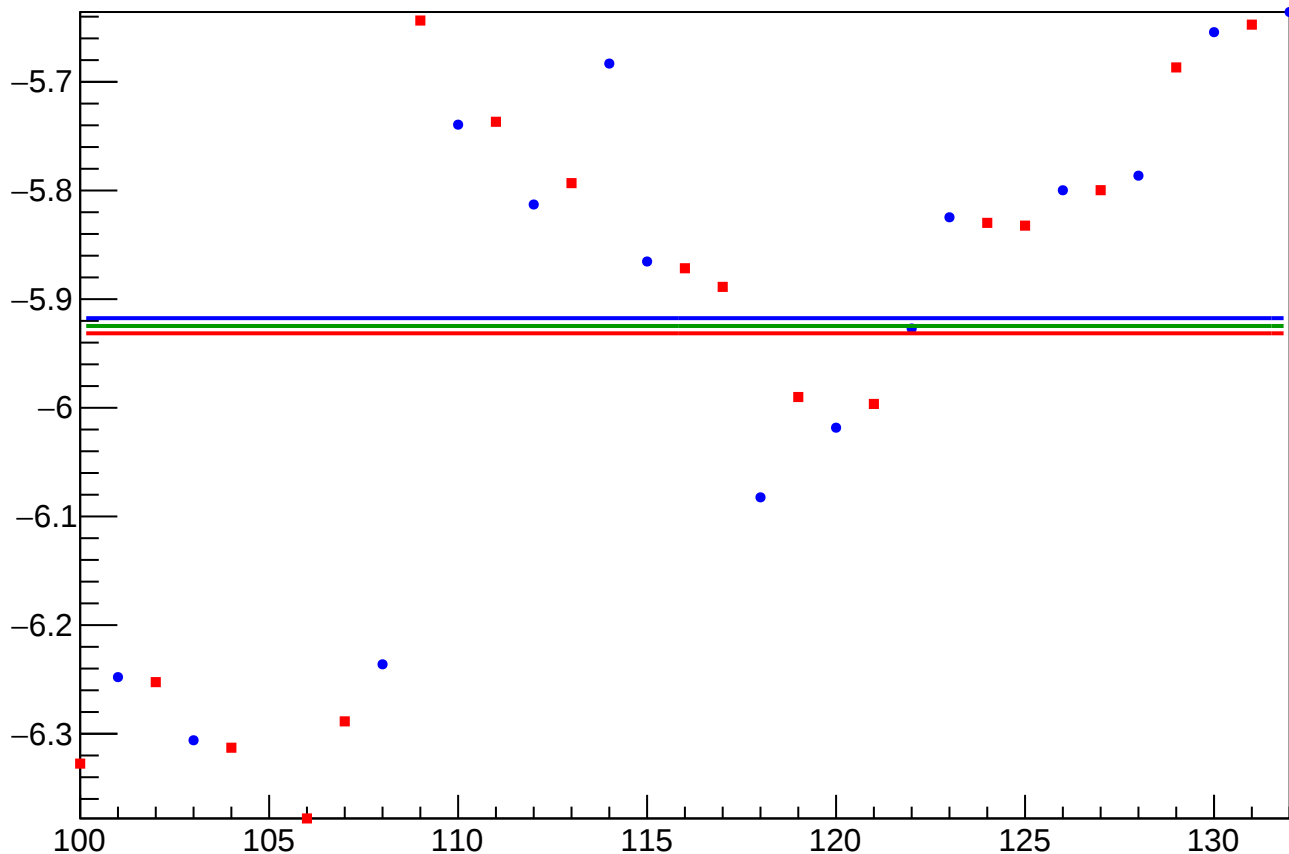
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

0.007+/-0.000 $\chi^2/\text{NDF}: 205198.8/14$

0.006+/-0.000 $\chi^2/\text{NDF}: 407458.2/31$

0.006+/-0.000 $\chi^2/\text{NDF}: 195116.0/16$

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.917+/-0.000 χ^2/NDF : 10815776968.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.931+/-0.000 χ^2/NDF : 12106542455.7/16

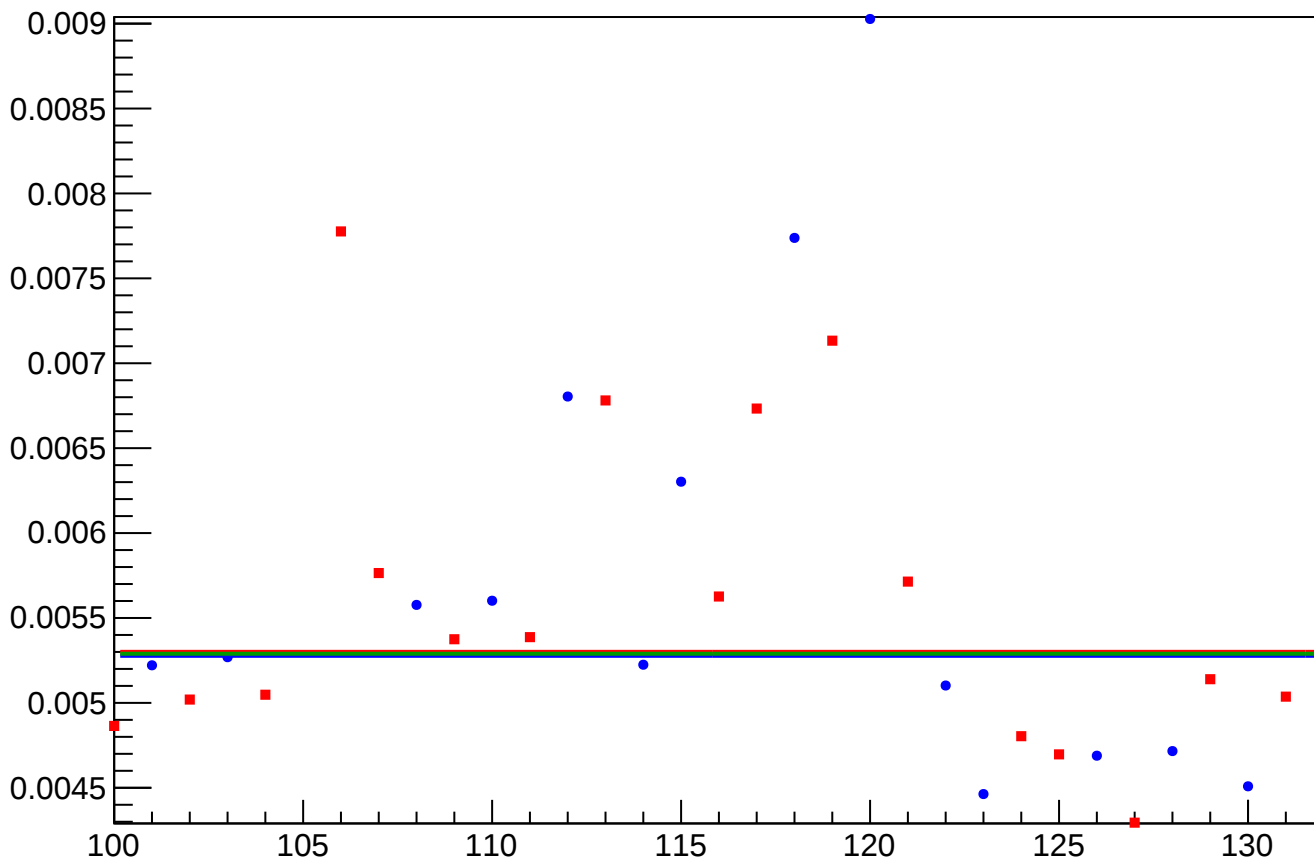
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-5.917+/-0.000 χ^2/NDF : 10815776968.8/14

-5.925+/-0.000 χ^2/NDF : 22940609882.2/16

-5.931+/-0.000 χ^2/NDF : 12106542455.7/16

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 304921.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 225199.7/16

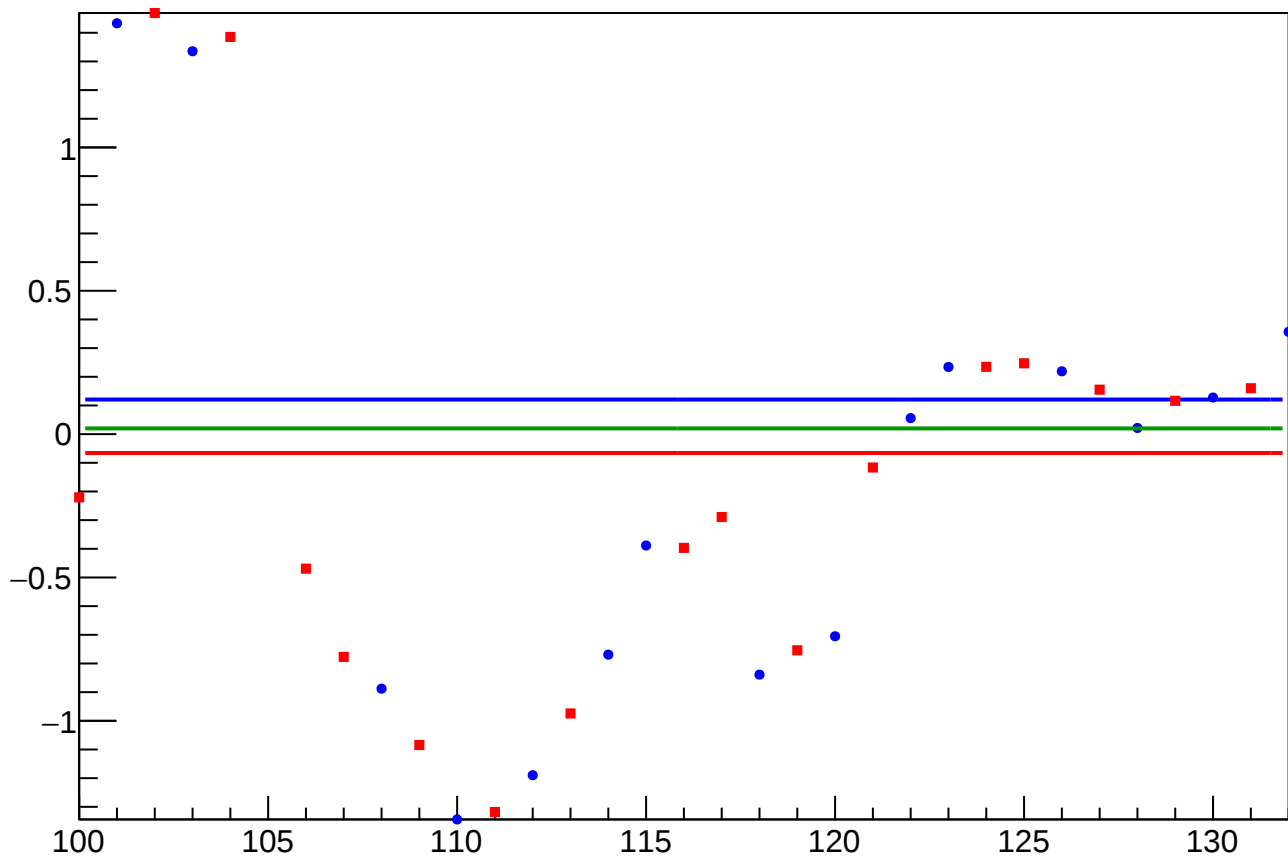
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 304921.1/14

0.005+/-0.000 χ^2/NDF : 530223.6/31

0.005+/-0.000 χ^2/NDF : 225199.7/16

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.000 χ^2/NDF : 16532542802.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.000 χ^2/NDF : 20763160802.3/16

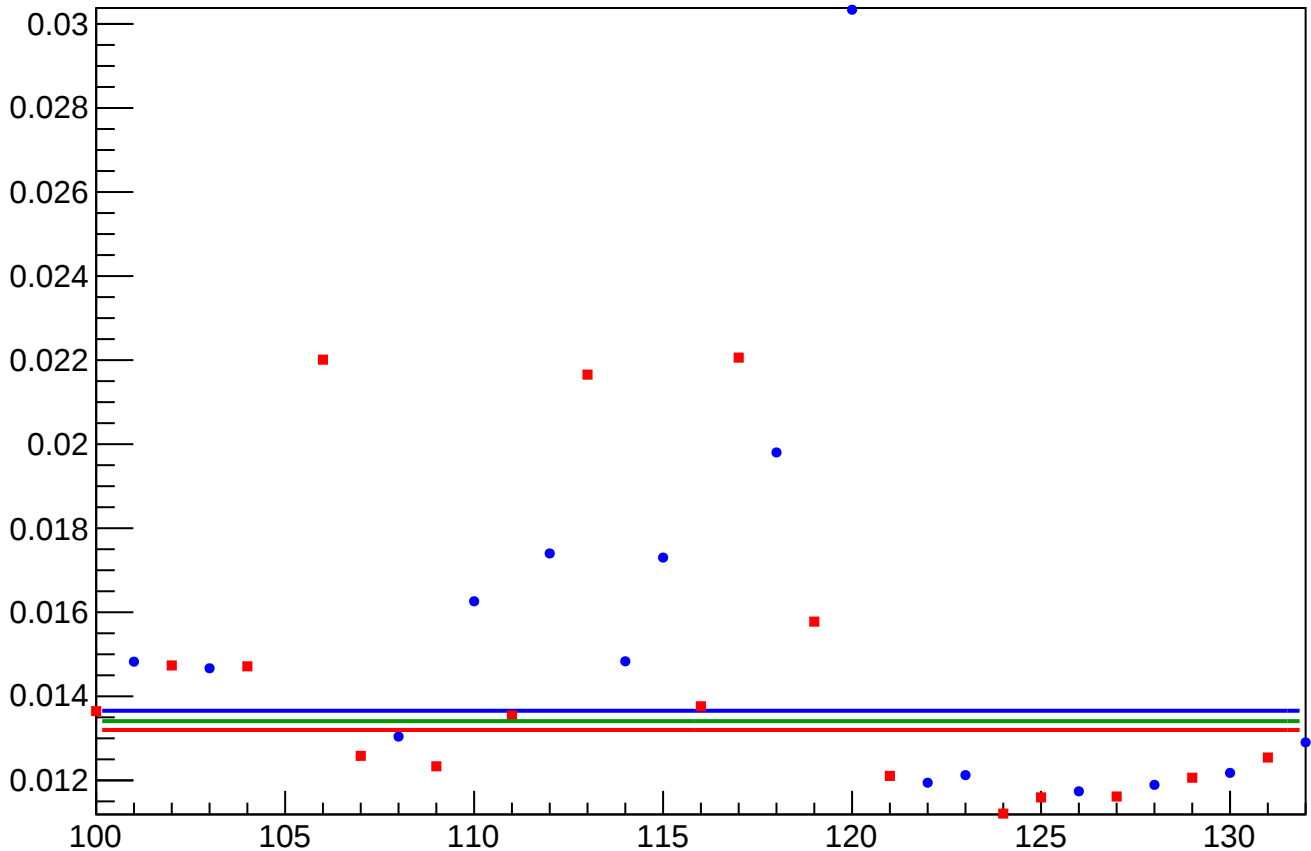
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.121+/-0.000 χ^2/NDF : 16532542802.1/14

0.020+/-0.000 χ^2/NDF : 37795420533.6/3

-0.066+/-0.000 χ^2/NDF : 20763160802.3/16

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 377270.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 278123.8/16

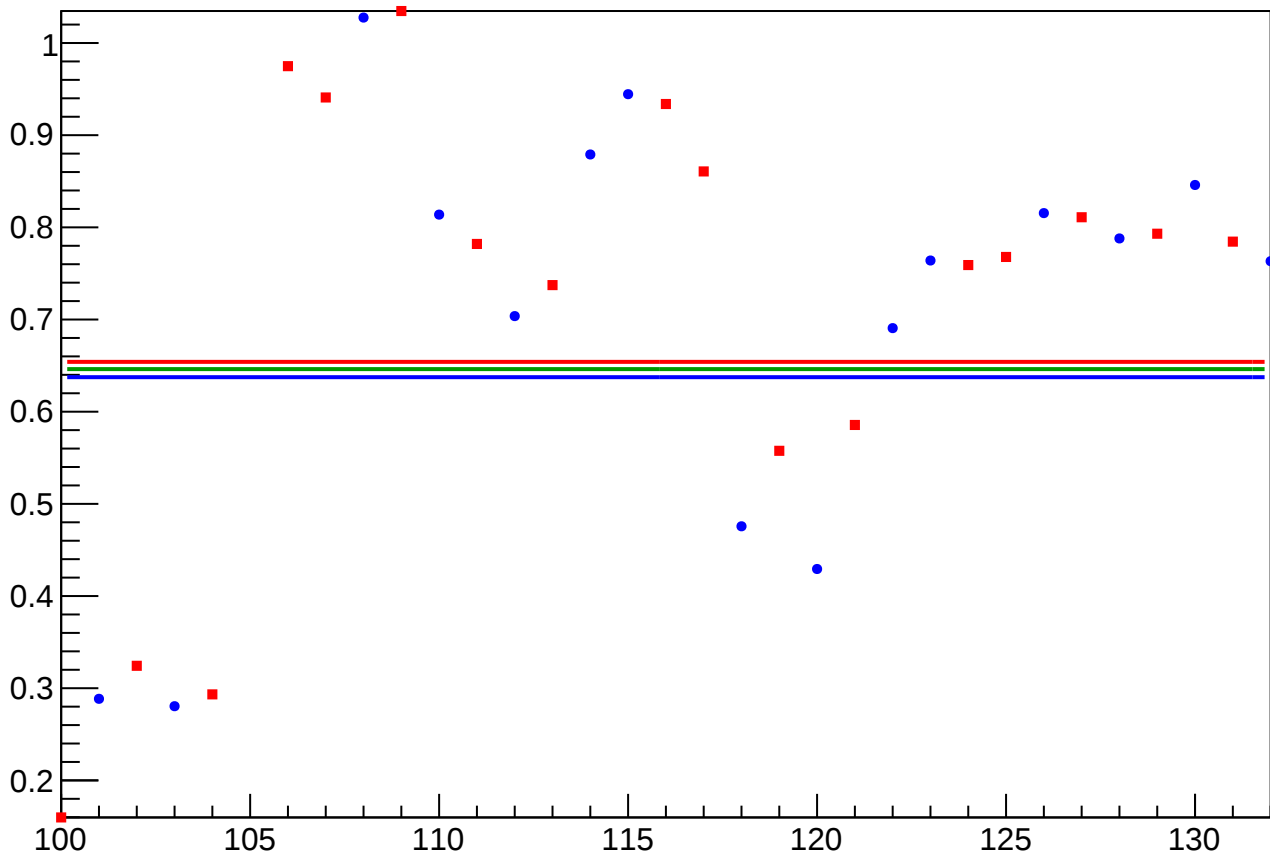
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 377270.5/14

0.013+/-0.000 χ^2/NDF : 661413.5/31

0.013+/-0.000 χ^2/NDF : 278123.8/16

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.637+/-0.000 χ^2/NDF : 5187941447.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.654+/-0.000 χ^2/NDF : 5720086666.9/16

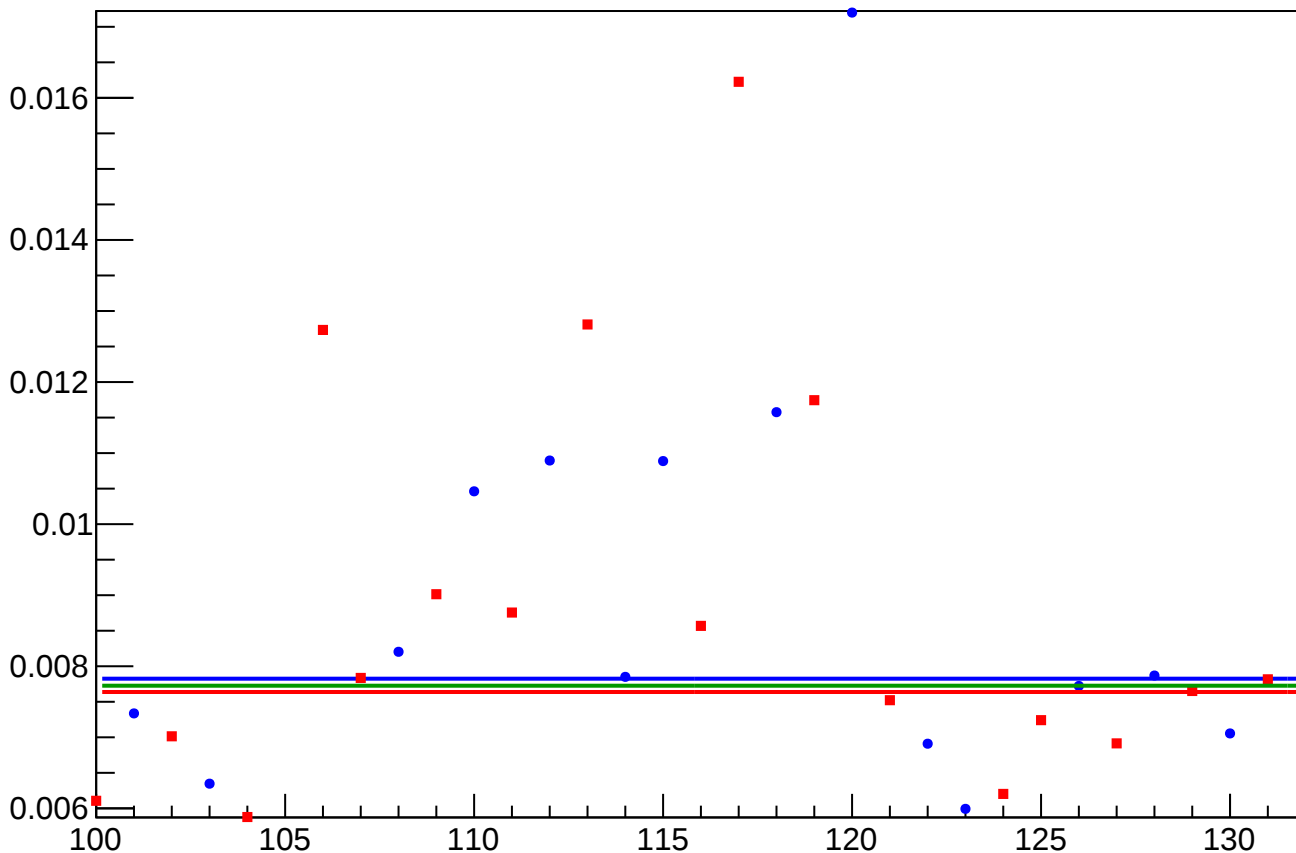
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.637+/-0.000 χ^2/NDF : 5187941447.0/14

0.646+/-0.000 χ^2/NDF : 10919739591.0/3

0.654+/-0.000 χ^2/NDF : 5720086666.9/16

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 460577.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 453813.1/16

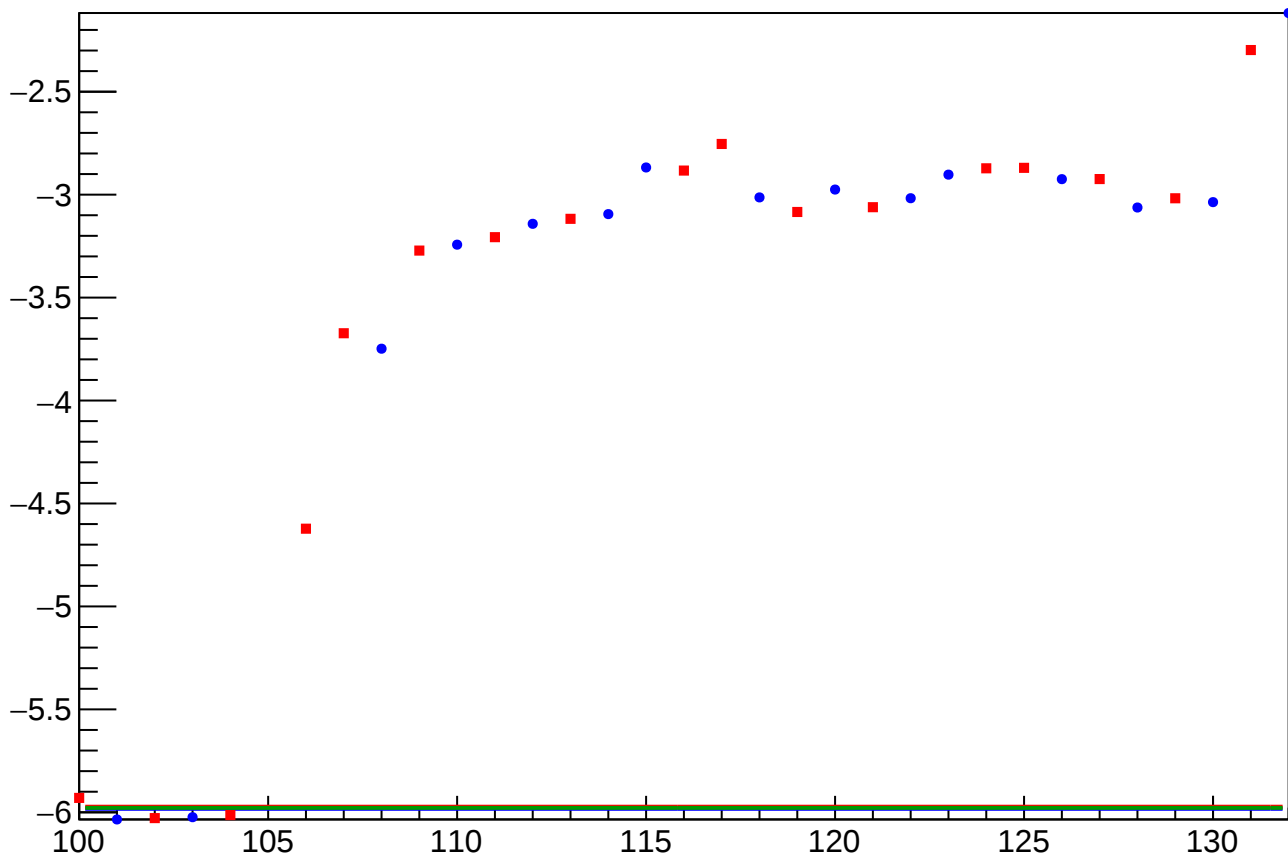
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 460577.8/14

0.008+/-0.000 χ^2/NDF : 917367.2/31

0.008+/-0.000 χ^2/NDF : 453813.1/16

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.983+/-0.000 χ^2 /NDF: 6043441706.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.973+/-0.000 χ^2 /NDF: 5207214346.3/16

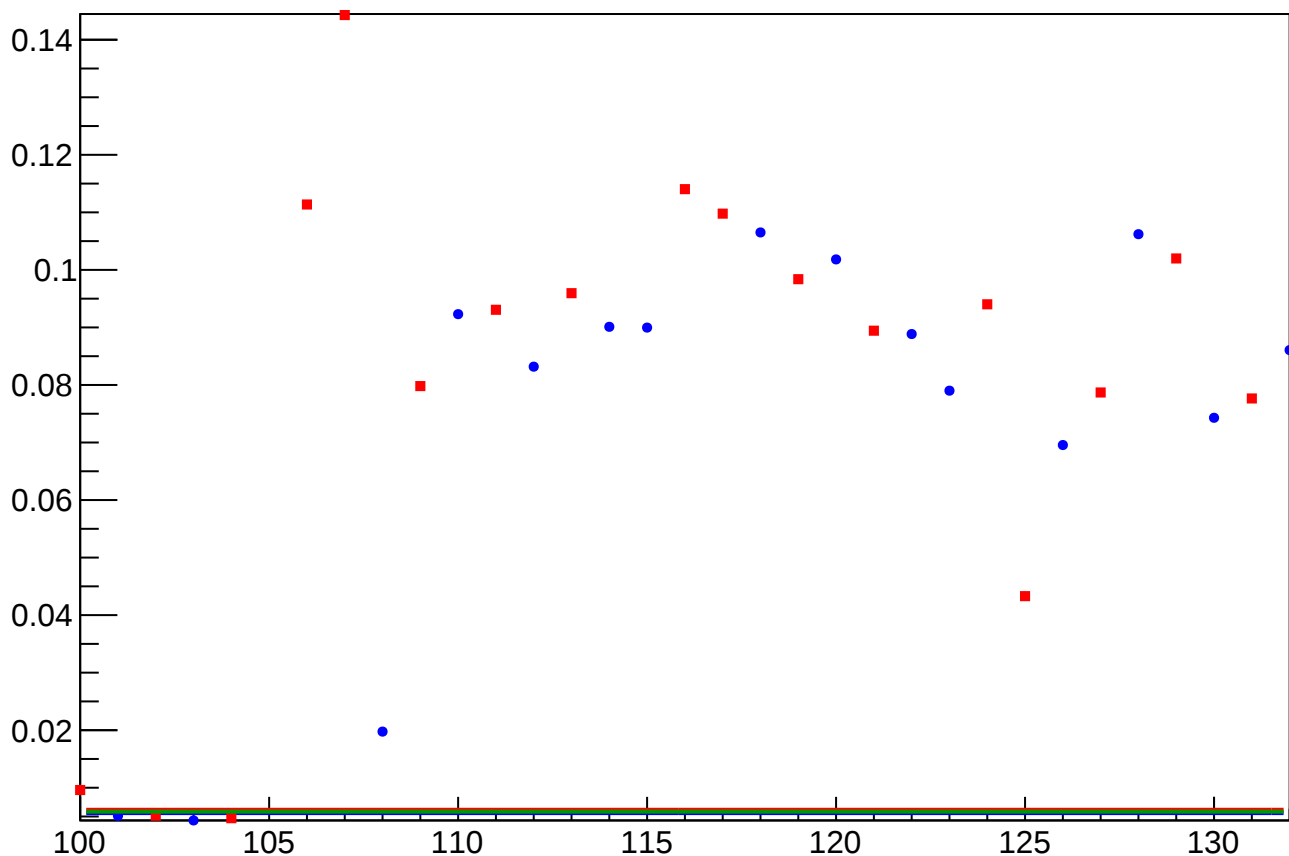
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.983+/-0.000 χ^2 /NDF: 6043441706.1/14

-5.978+/-0.000 χ^2 /NDF: 11252778599.2/16

-5.973+/-0.000 χ^2 /NDF: 5207214346.3/16

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 6797685.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7642461.3/16

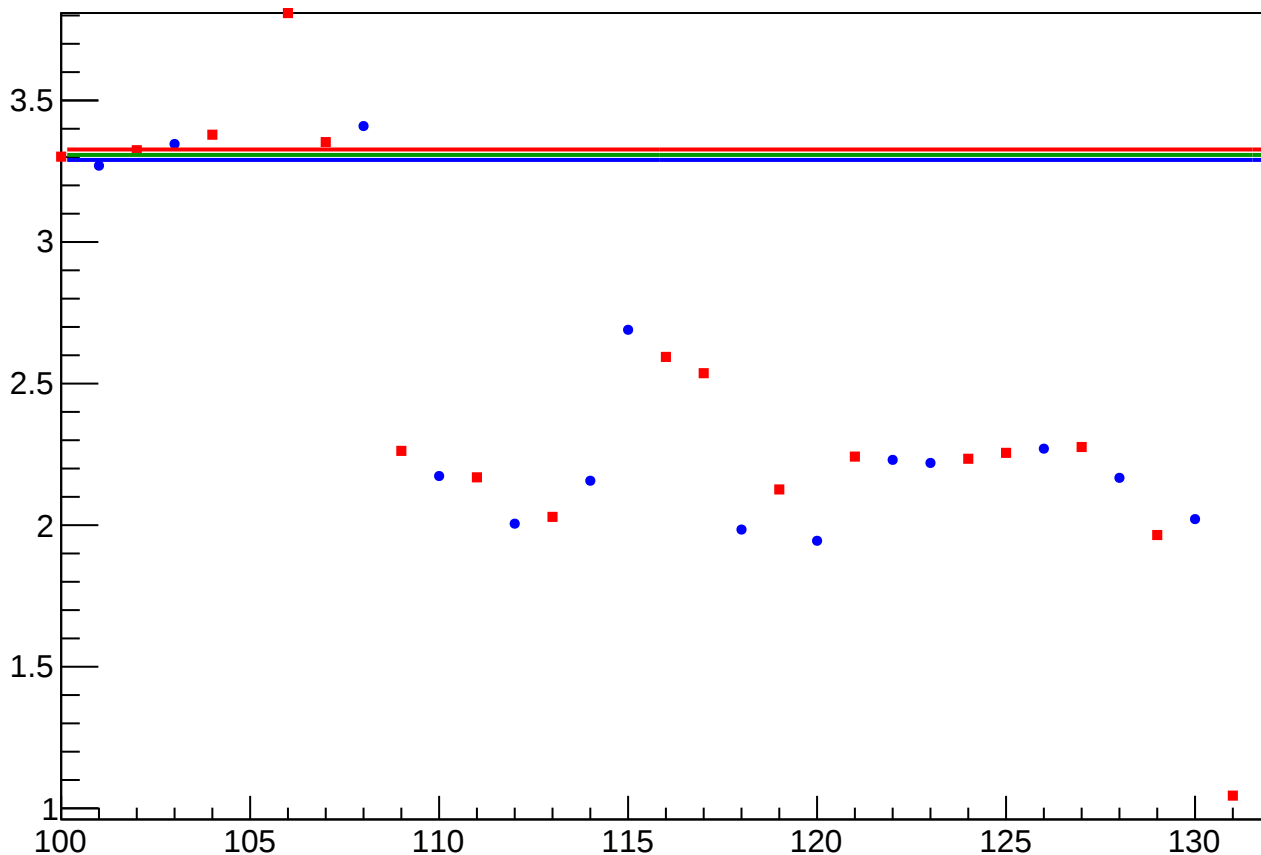
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 6797685.8/14

0.006+/-0.000 χ^2/NDF : 14454185.2/31

0.006+/-0.000 χ^2/NDF : 7642461.3/16

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.290+/-0.000 χ^2/NDF : 909350069.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.327+/-0.000 χ^2/NDF : 894425762.7/16

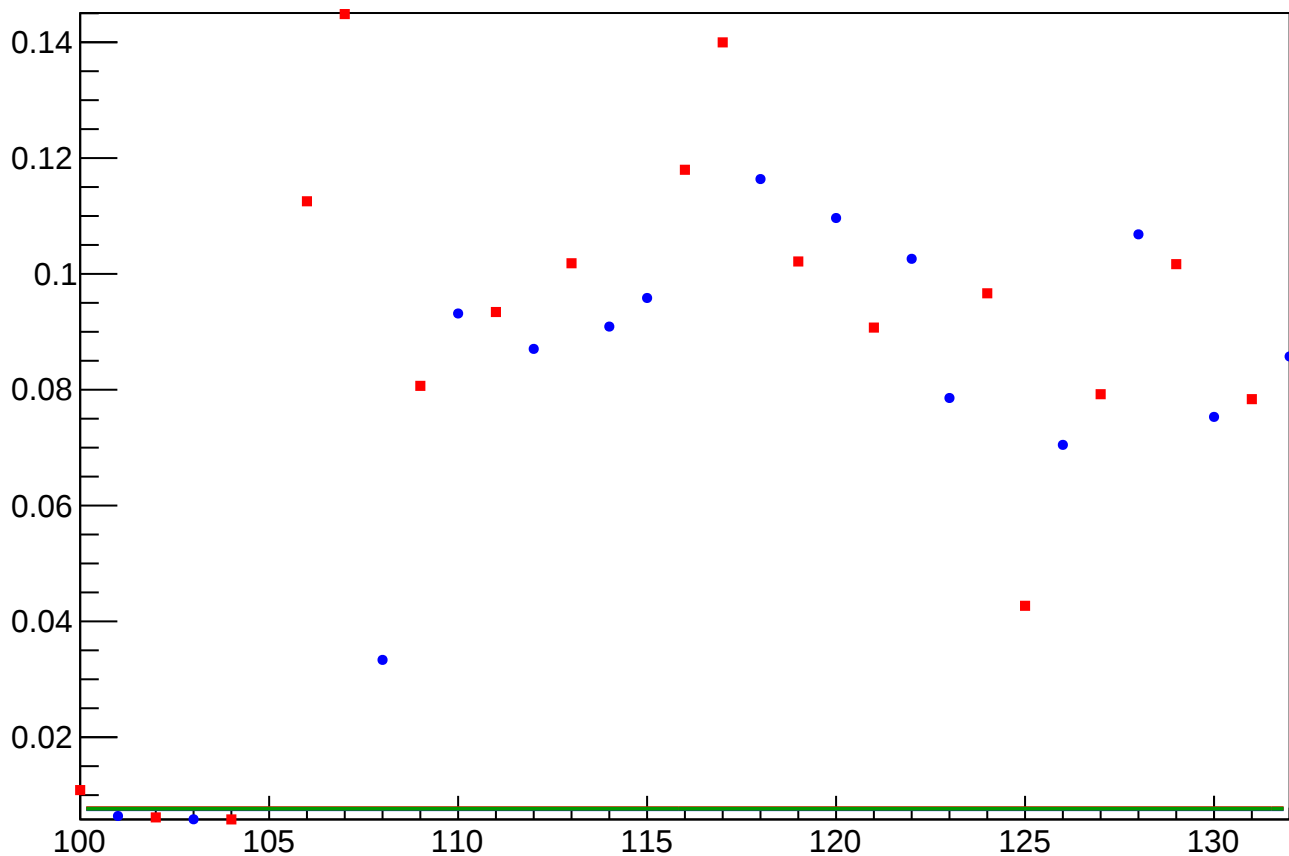
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.290+/-0.000 χ^2/NDF : 909350069.1/14

3.308+/-0.000 χ^2/NDF : 1822239182.4/31

3.327+/-0.000 χ^2/NDF : 894425762.7/16

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 6711031.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 7413689.8/16

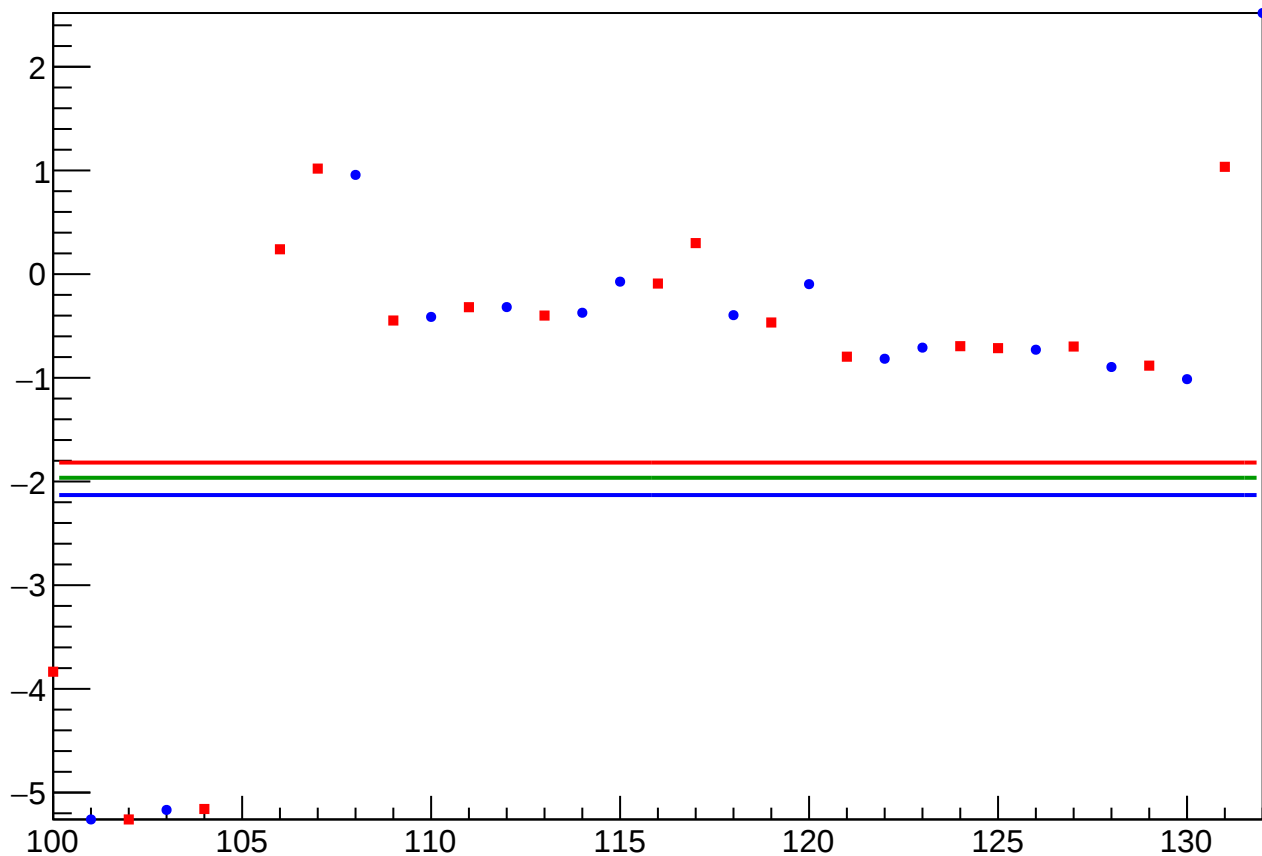
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 6711031.5/14

0.008+/-0.000 χ^2/NDF : 14125302.3/31

0.008+/-0.000 χ^2/NDF : 7413689.8/16

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.131+/-0.000 χ^2/NDF : 134923660654.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.817+/-0.000 χ^2/NDF : 128614771293.1/16

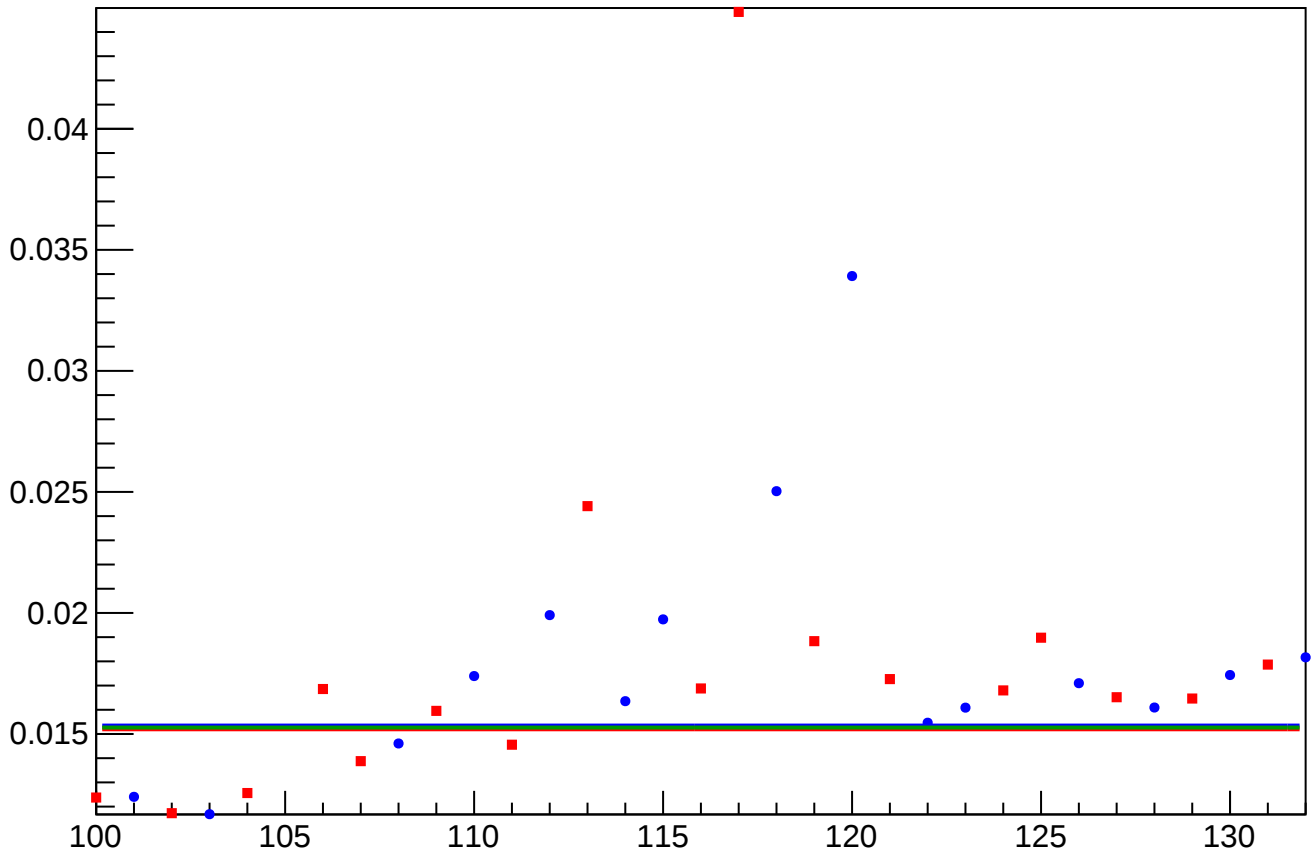
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-2.131+/-0.000 χ^2/NDF : 134923660654.6/14

-1.964+/-0.000 χ^2/NDF : 264585694097.5

-1.817+/-0.000 χ^2/NDF : 128614771293.1/16

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 549699.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 373574.6/16

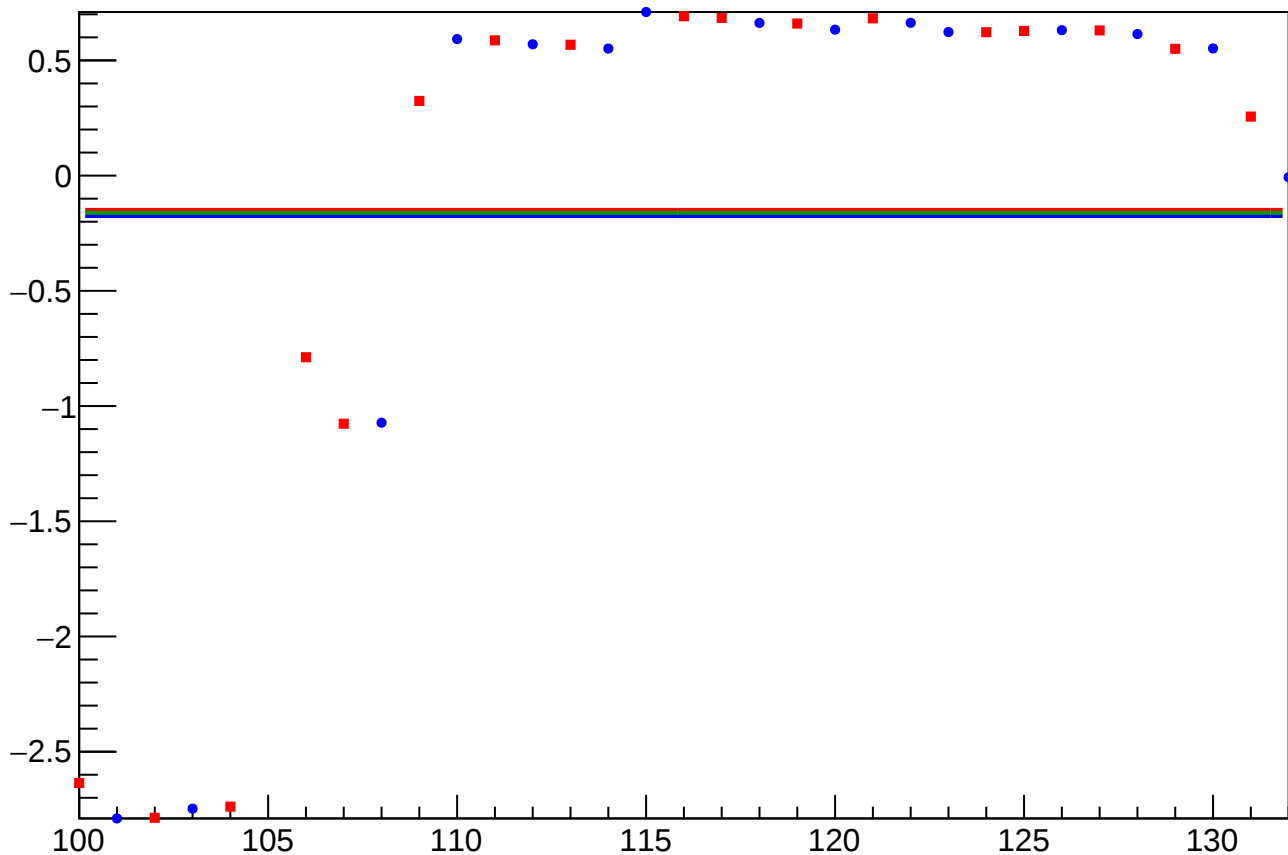
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 549699.1/14

0.015+/-0.000 χ^2/NDF : 923773.7/31

0.015+/-0.000 χ^2/NDF : 373574.6/16

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.175+/-0.000 χ^2/NDF : 711171529201.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.175+/-0.000 χ^2/NDF : 711171529201.1/14

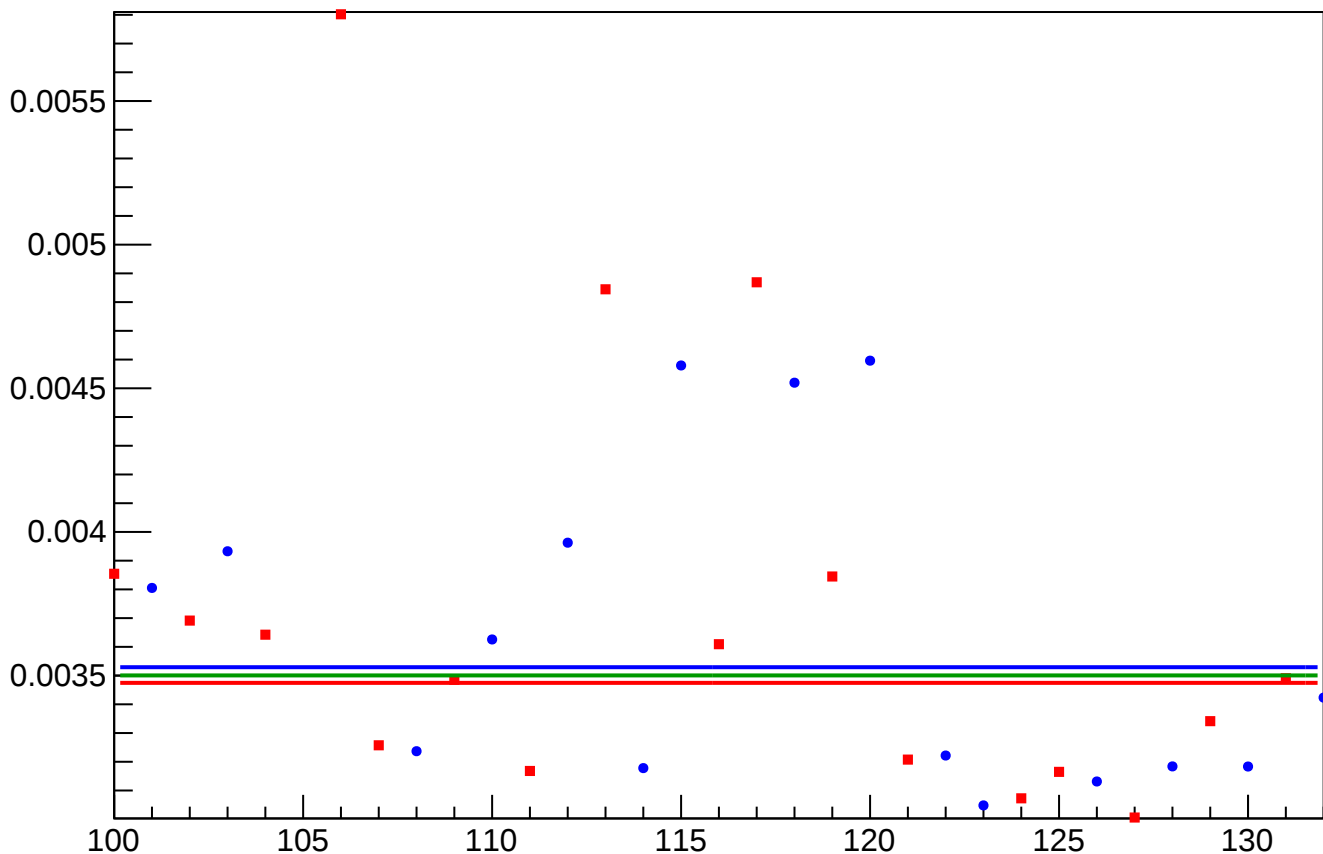
-0.161+/-0.000 χ^2/NDF : 1471290400760.

Right Out: -0.149+/-0.000 χ^2/NDF : 759959391935.9/16

-0.149+/-0.000 χ^2/NDF : 759959391935.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 169116.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 220130.3/16

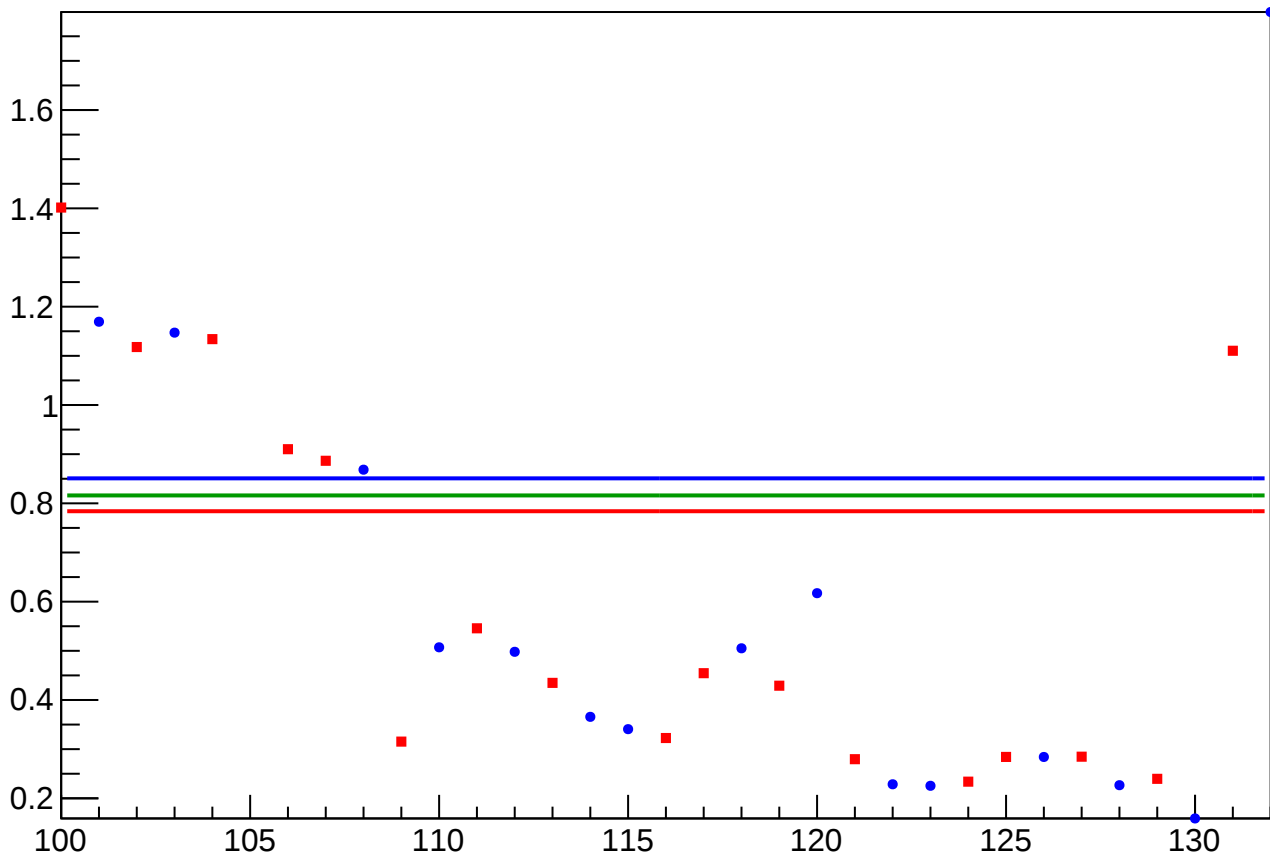
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 169116.8/14

0.004+/-0.000 χ^2/NDF : 390580.1/31

0.003+/-0.000 χ^2/NDF : 220130.3/16

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.851+/-0.000 χ^2/NDF : 25956177988.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.784+/-0.000 χ^2/NDF : 20468751992.0/16

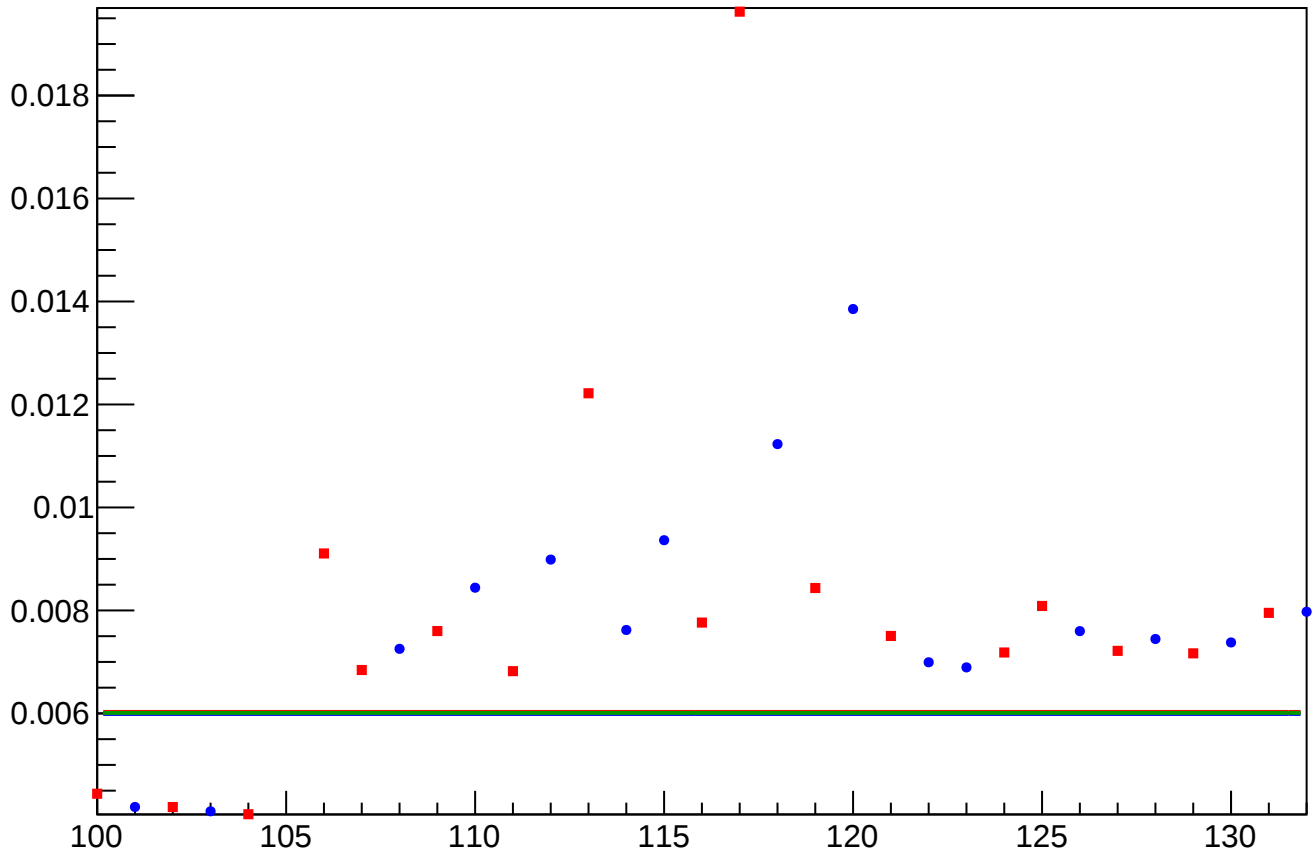
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.851+/-0.000 χ^2/NDF : 25956177988.0/14

0.816+/-0.000 χ^2/NDF : 46713378718.4/3

0.784+/-0.000 χ^2/NDF : 20468751992.0/16

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1140936.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 999565.1/16

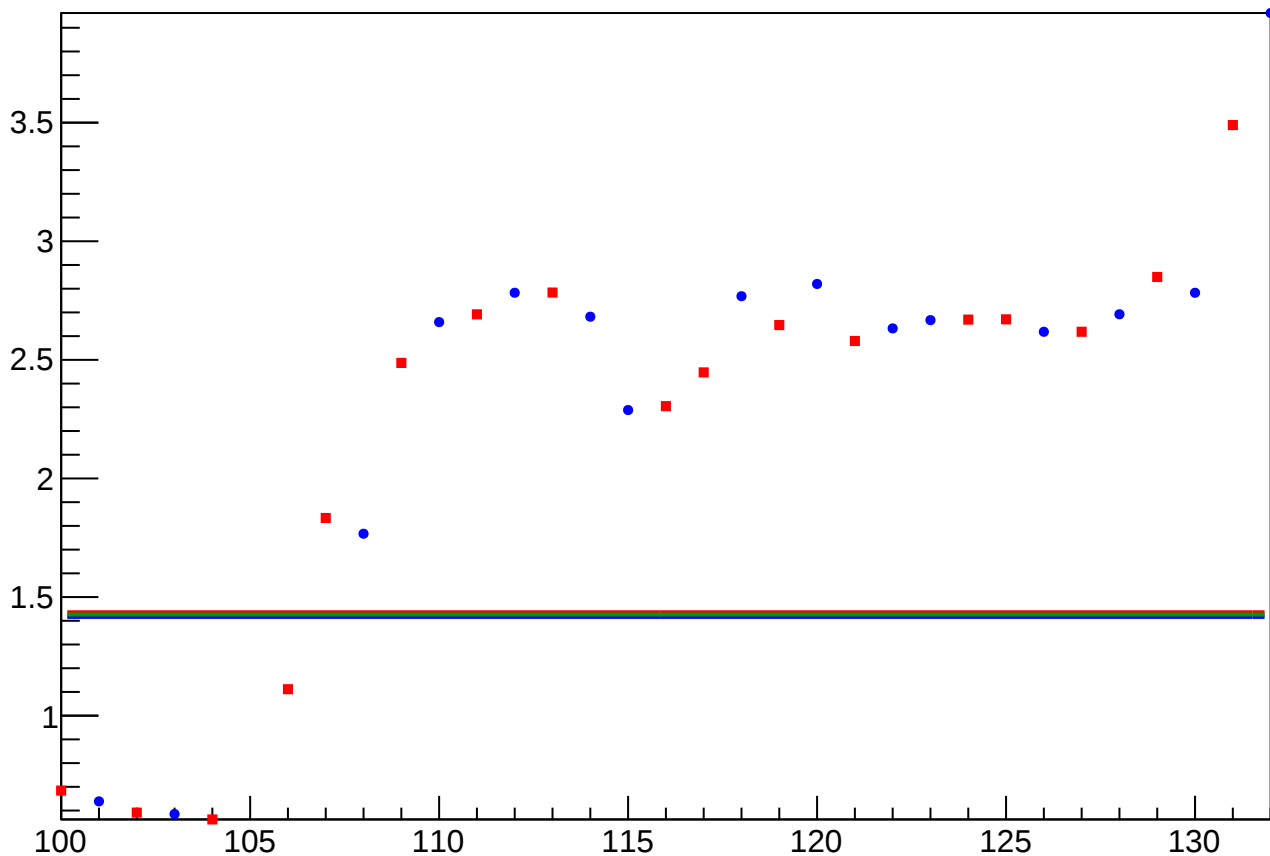
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1140936.4/14

0.006+/-0.000 χ^2/NDF : 2140683.2/31

0.006+/-0.000 χ^2/NDF : 999565.1/16

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.416+/-0.000 χ^2/NDF : 149197007378.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.436+/-0.000 χ^2/NDF : 142152130839.1/16

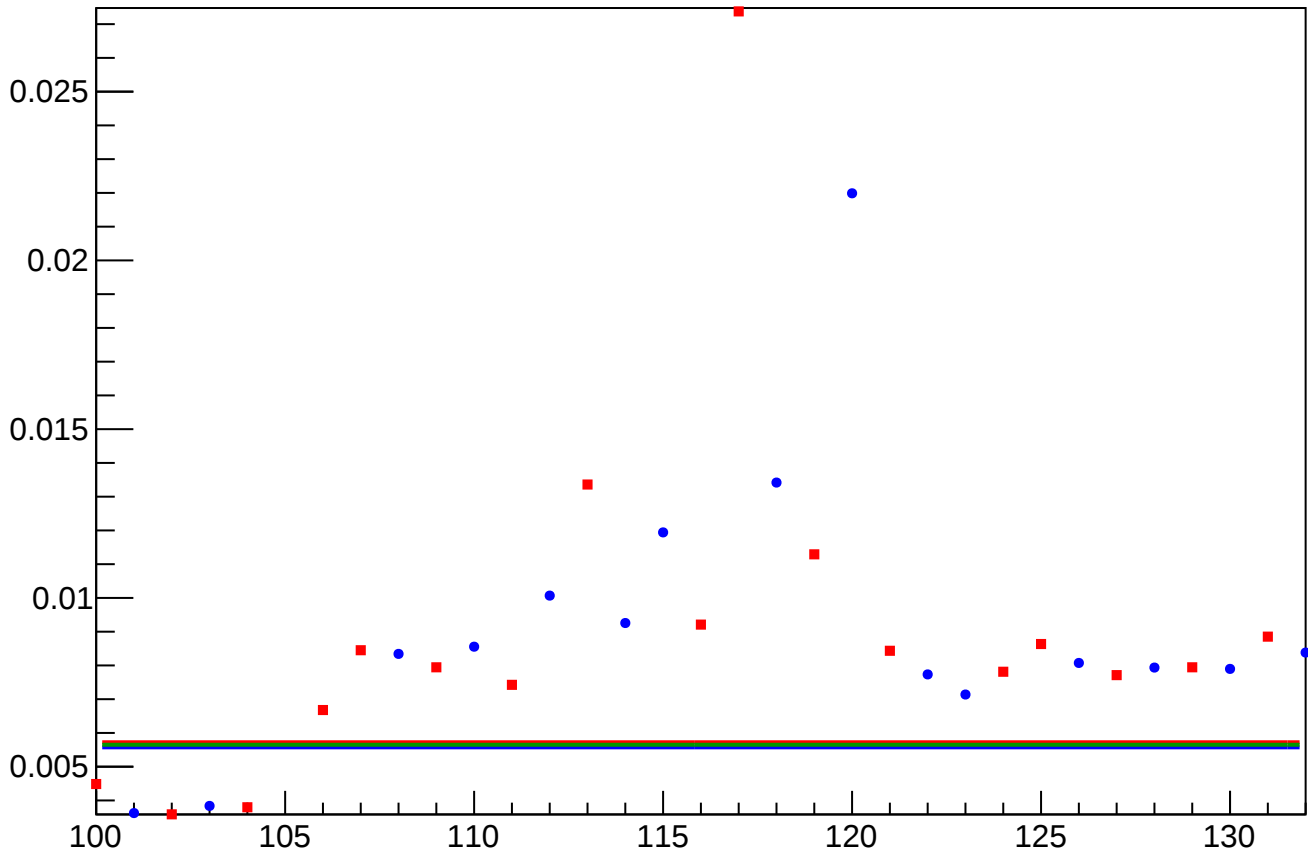
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.416+/-0.000 χ^2/NDF : 149197007378.0/14

1.426+/-0.000 χ^2/NDF : 291374513308.0/16

1.436+/-0.000 χ^2/NDF : 142152130839.1/16

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1779716.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1620056.4/16

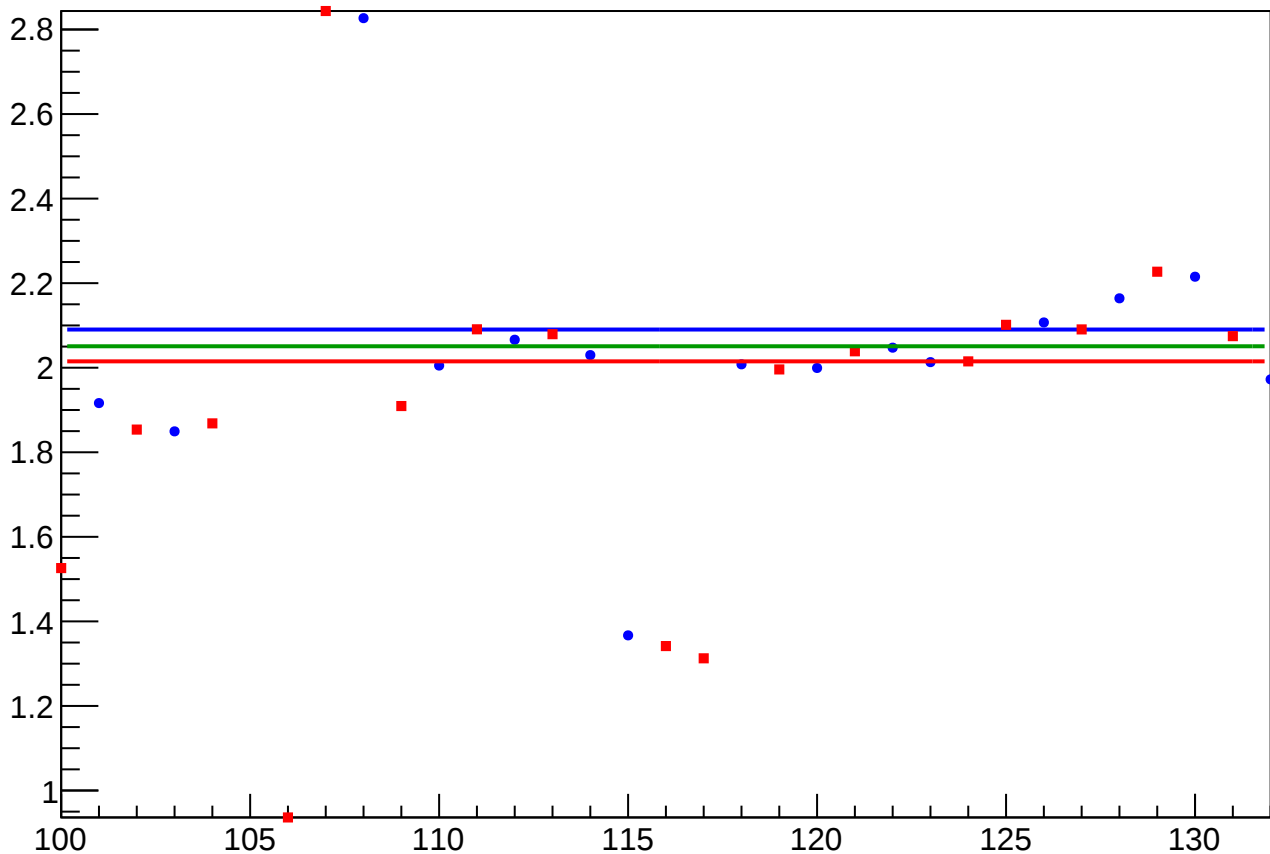
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1779716.9/14

0.006+/-0.000 χ^2/NDF : 3402735.3/31

0.006+/-0.000 χ^2/NDF : 1620056.4/16

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.090+/-0.000 χ^2/NDF : 7836936525.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.015+/-0.000 χ^2/NDF : 16142630490.8/16

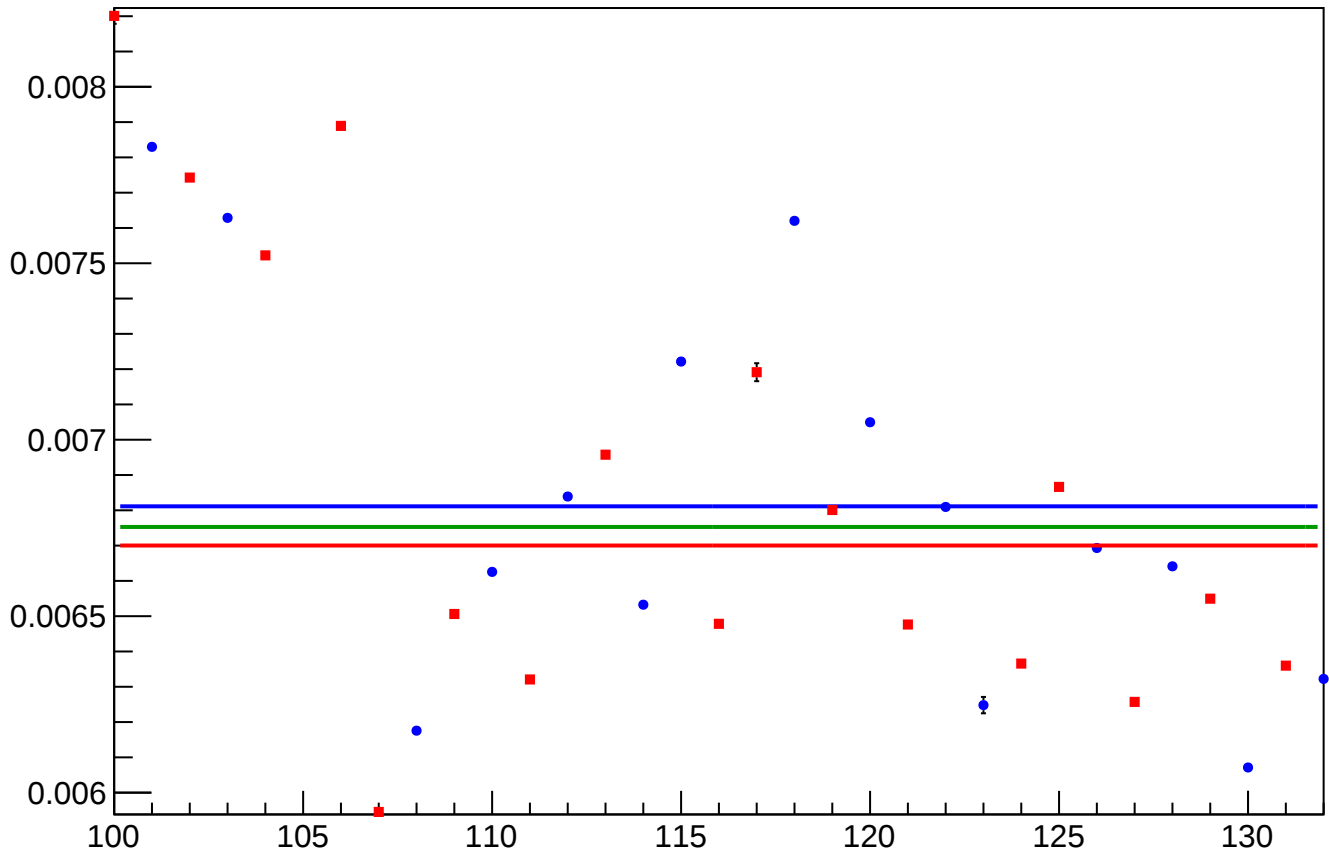
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.090+/-0.000 χ^2/NDF : 7836936525.0/14

2.051+/-0.000 χ^2/NDF : 24325659622.8/3

2.015+/-0.000 χ^2/NDF : 16142630490.8/16

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 73293.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 73239.2/16

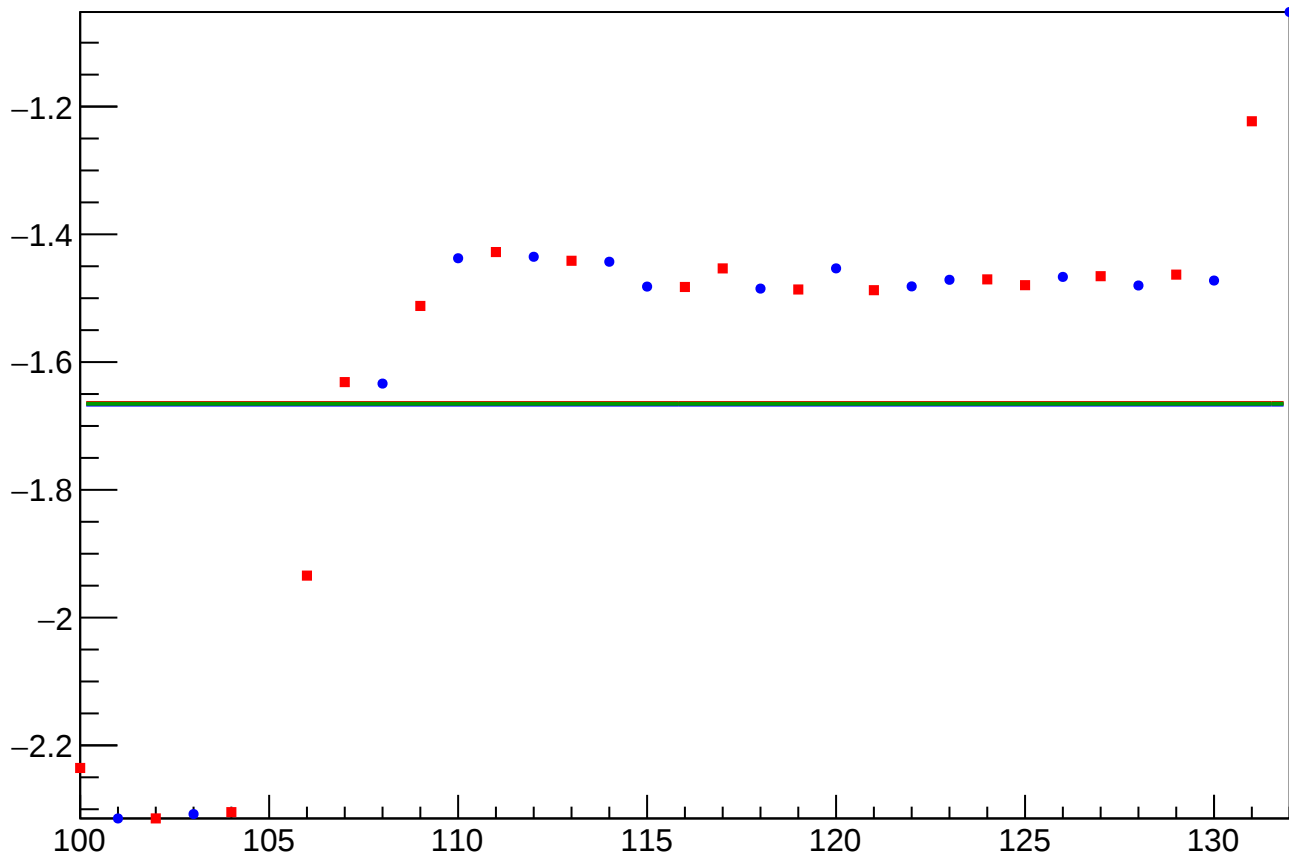
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 73293.3/14

0.007+/-0.000 χ^2/NDF : 148038.9/31

0.007+/-0.000 χ^2/NDF : 73239.2/16

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.667+/-0.000 χ^2/NDF : 118371758743.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.664+/-0.000 χ^2/NDF : 105271335844.8/16

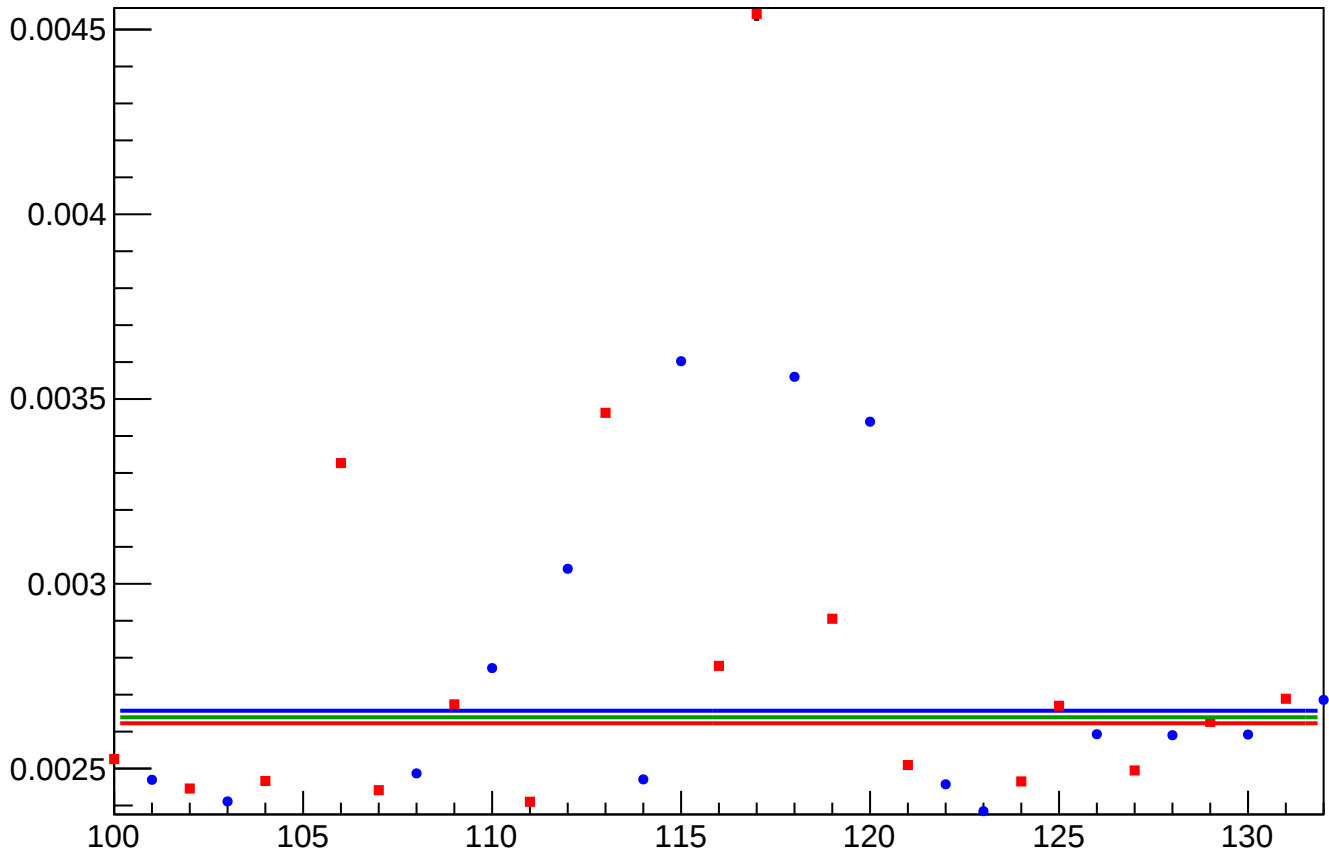
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.667+/-0.000 χ^2/NDF : 118371758743.4/14

-1.665+/-0.000 χ^2/NDF : 223645506240.3

-1.664+/-0.000 χ^2/NDF : 105271335844.8/16

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 148184.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 117423.1/16

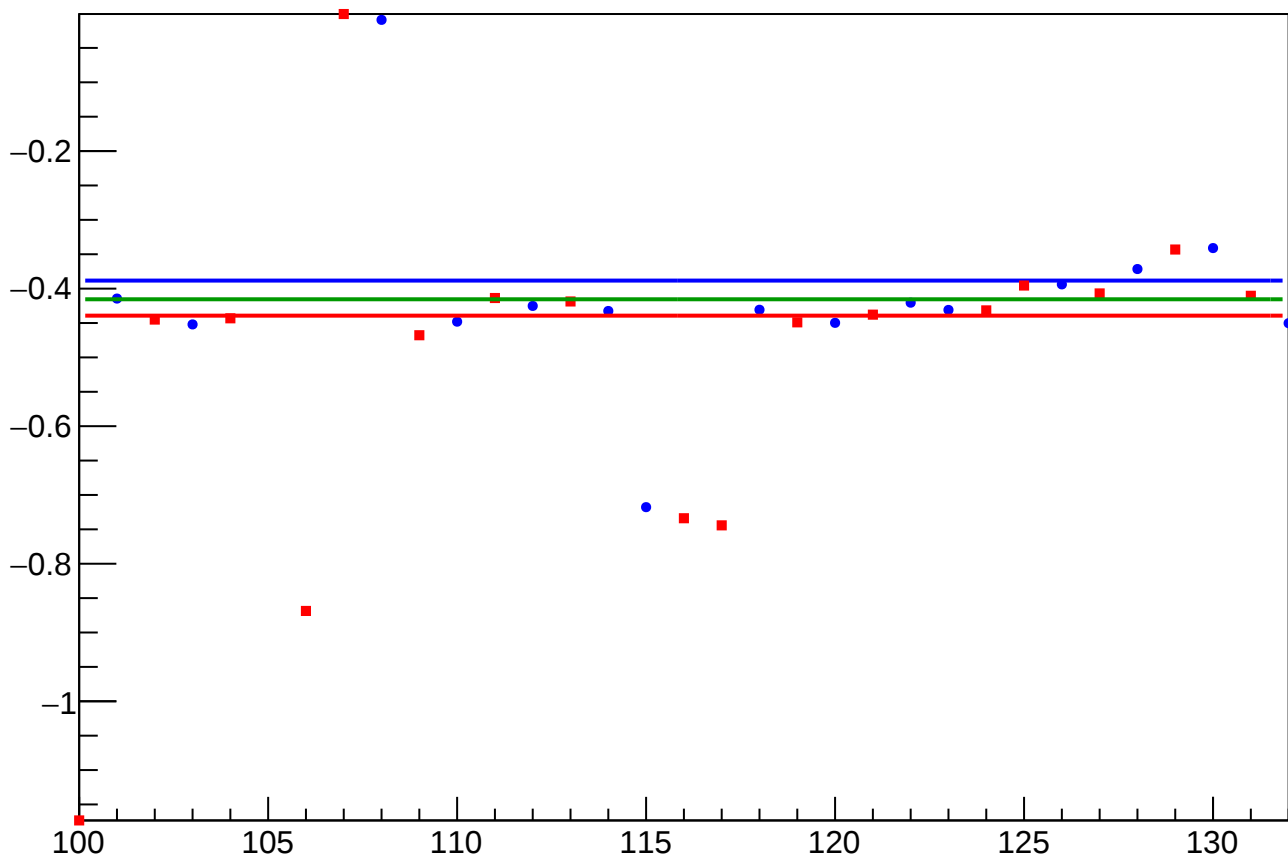
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 148184.3/14

0.003+/-0.000 χ^2/NDF : 266511.8/31

0.003+/-0.000 χ^2/NDF : 117423.1/16

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.388+/-0.000 χ^2/NDF : 681298160.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.439+/-0.000 χ^2/NDF : 1688693378.9/16

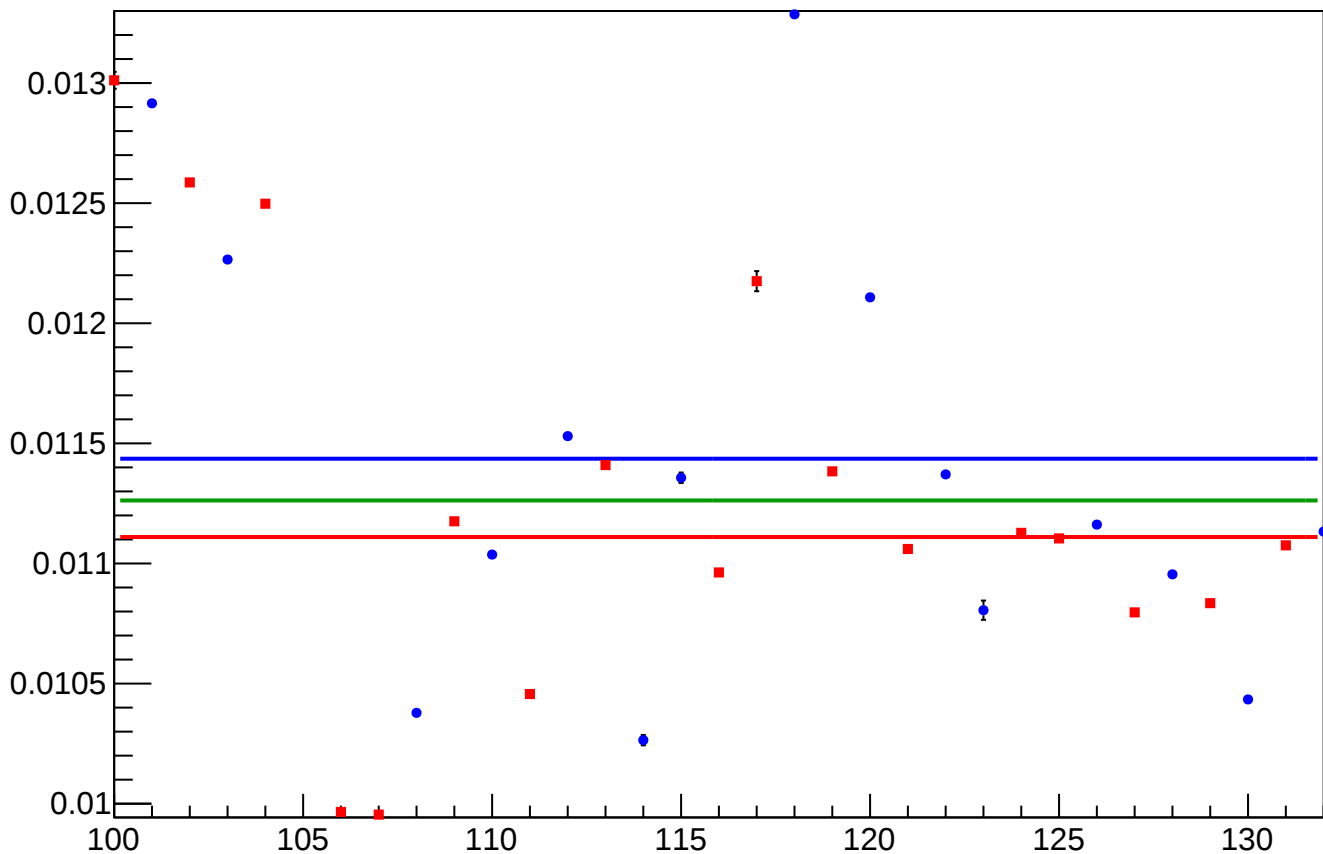
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.388+/-0.000 χ^2/NDF : 681298160.9/14

-0.415+/-0.000 χ^2/NDF : 2428375395.6/3

-0.439+/-0.000 χ^2/NDF : 1688693378.9/16

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 64436.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 53013.2/16

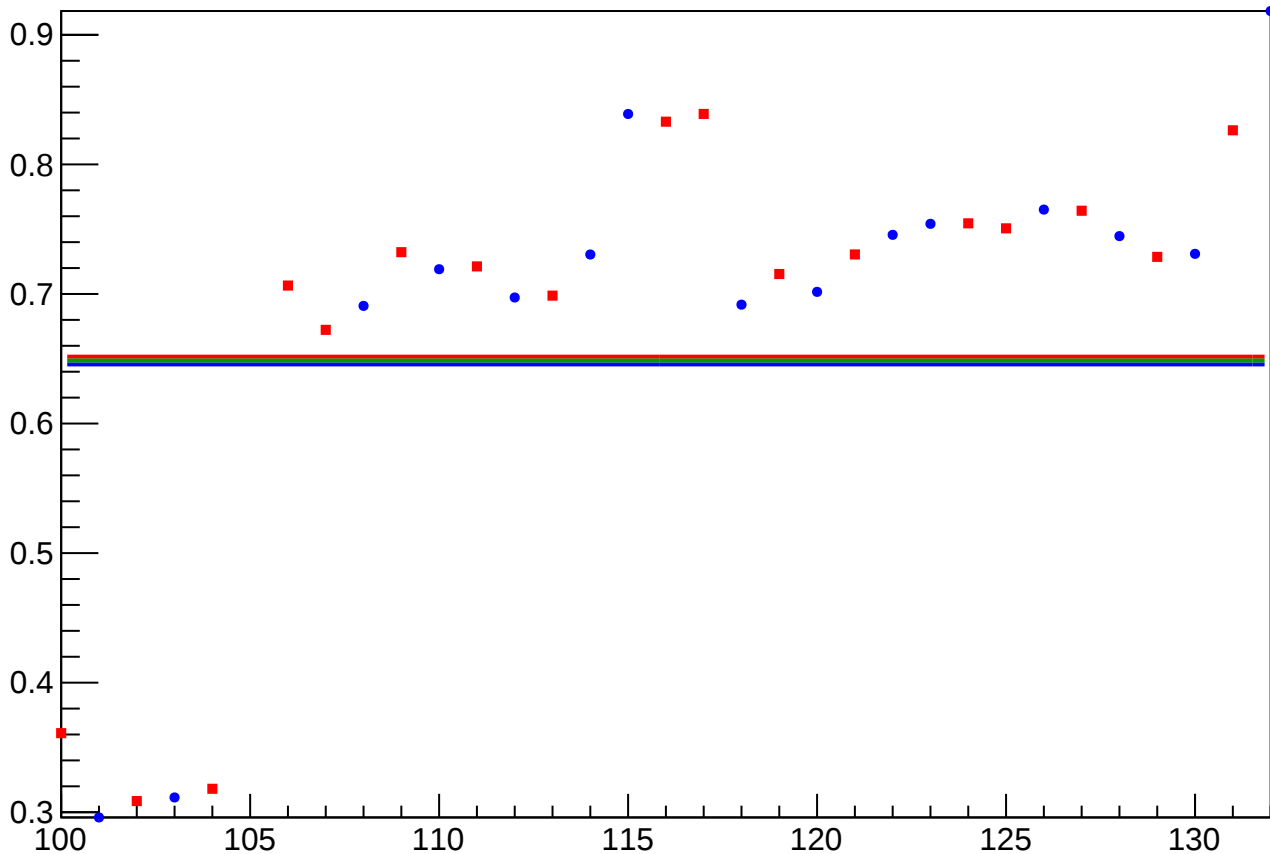
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 64436.5/14

0.011+/-0.000 χ^2/NDF : 122223.2/31

0.011+/-0.000 χ^2/NDF : 53013.2/16

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.646+/-0.000 χ^2/NDF : 32825211738.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.652+/-0.000 χ^2/NDF : 27604960859.5/16

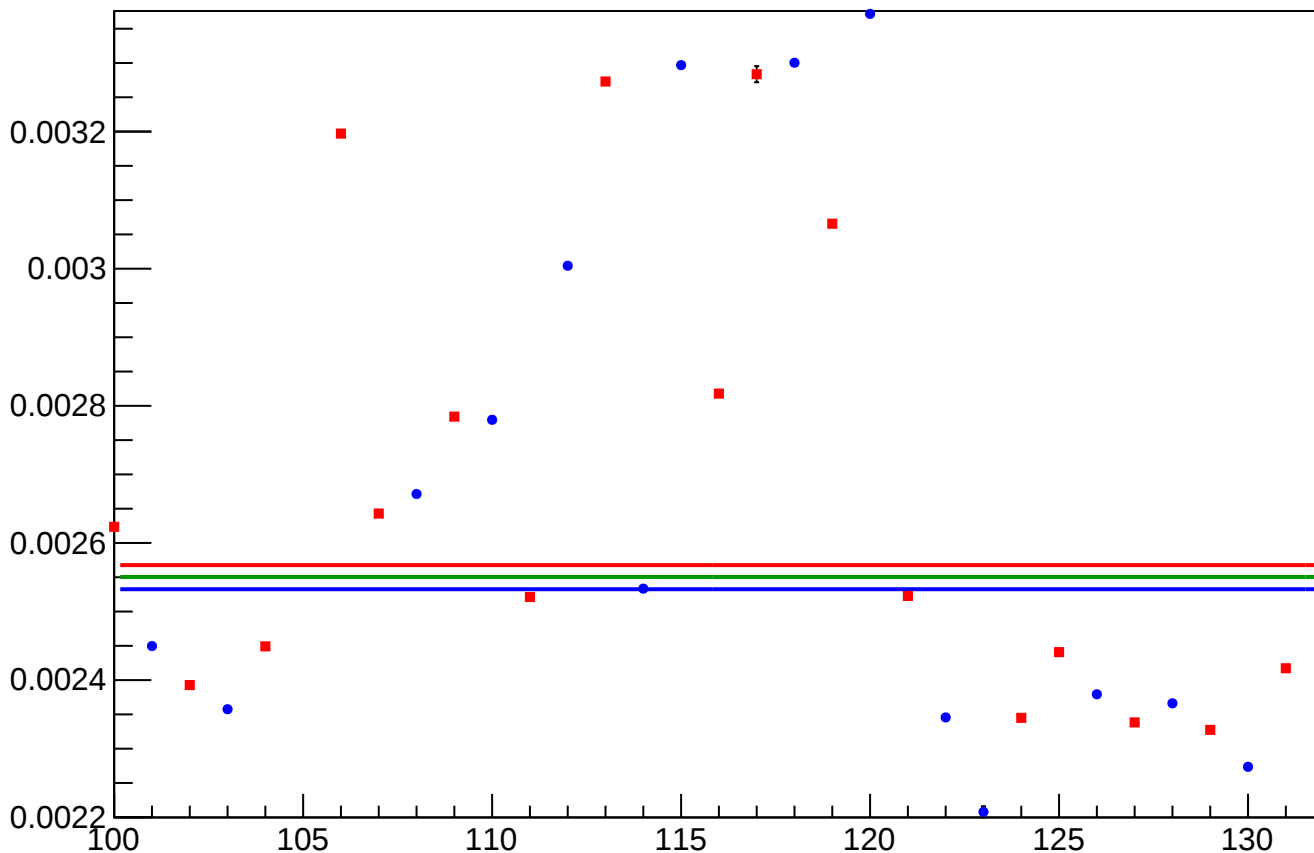
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.646+/-0.000 χ^2/NDF : 32825211738.3/14

0.649+/-0.000 χ^2/NDF : 60445358868.3/3

0.652+/-0.000 χ^2/NDF : 27604960859.5/16

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 167253.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 124266.8/16

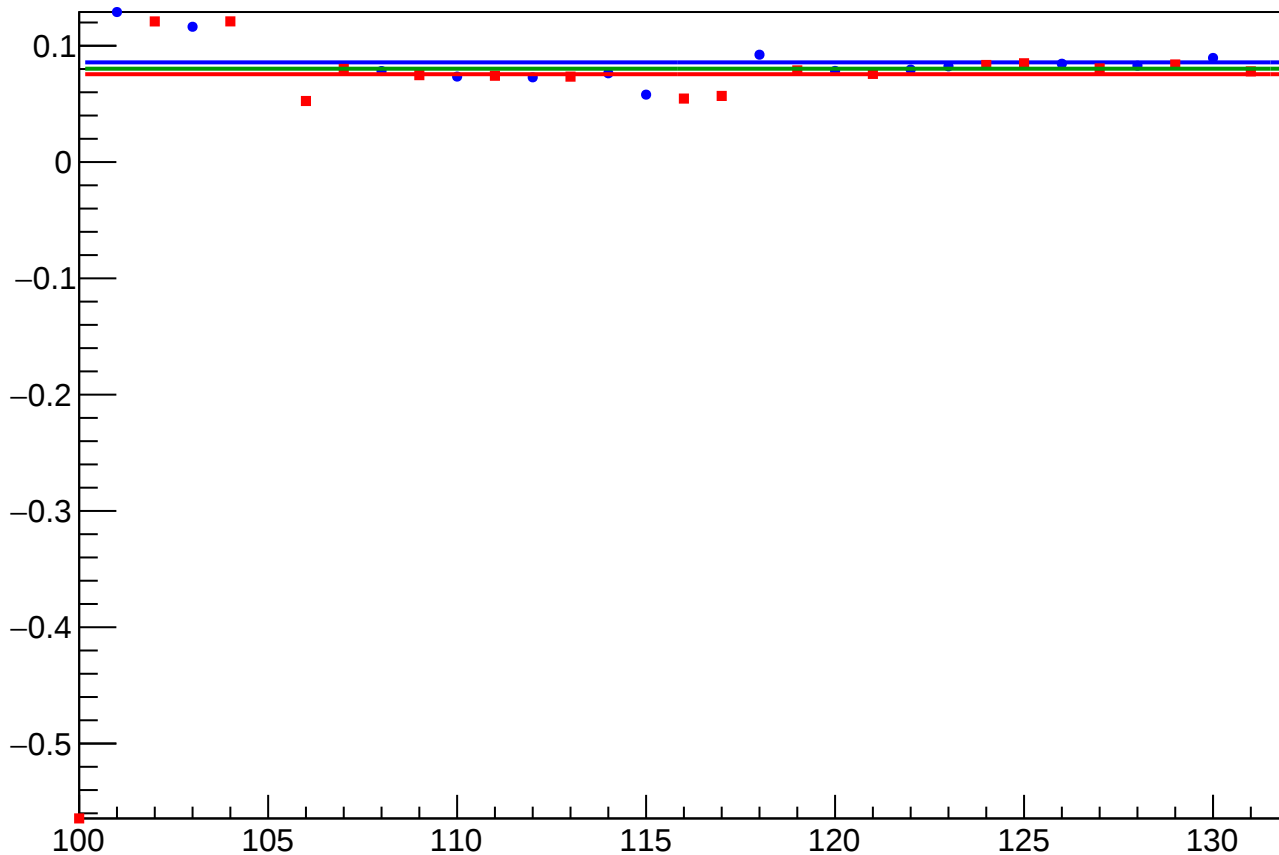
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 167253.3/14

0.003+/-0.000 χ^2/NDF : 292569.4/31

0.003+/-0.000 χ^2/NDF : 124266.8/16

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 16482004.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.000 χ^2/NDF : 222075104.6/16

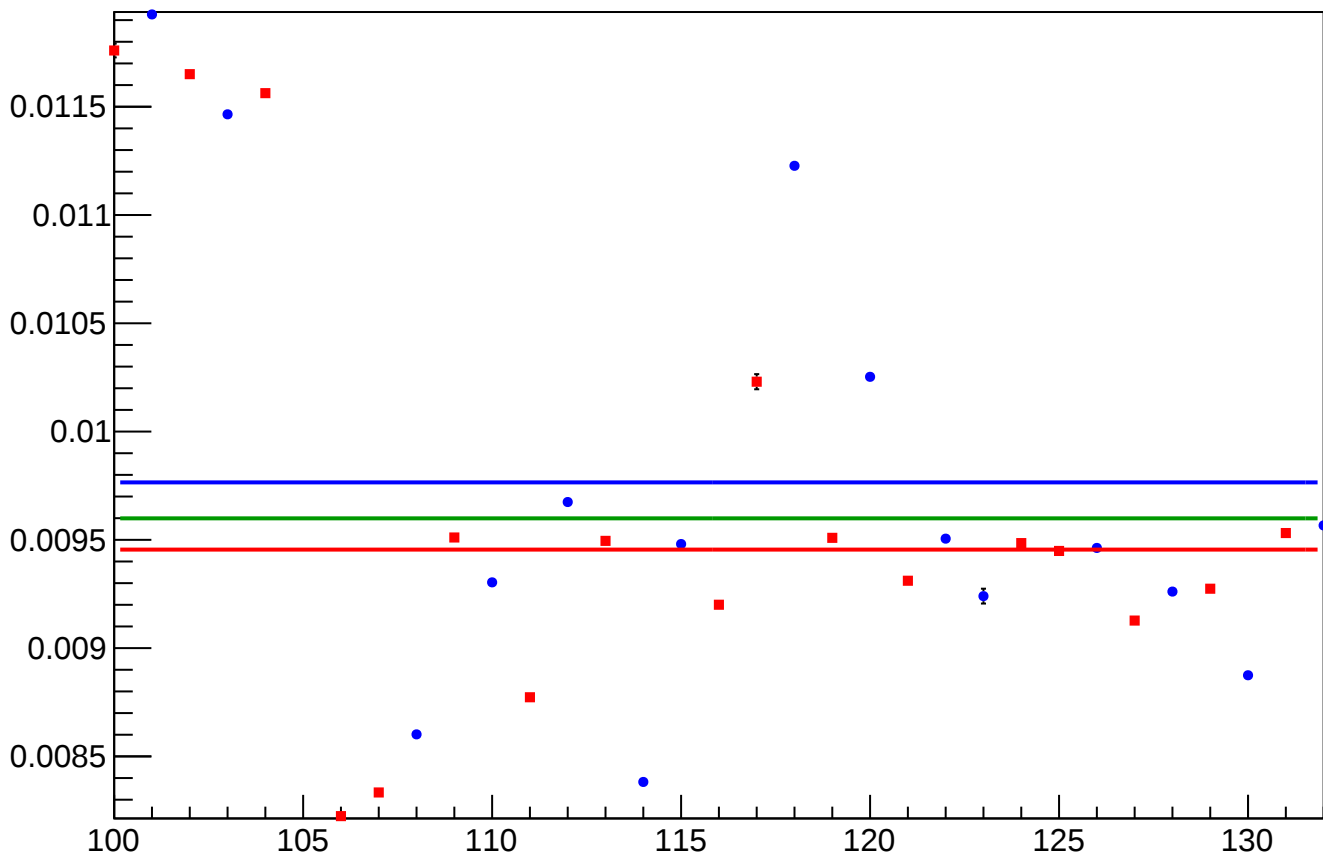
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.086+/-0.000 χ^2/NDF : 16482004.7/14

0.080+/-0.000 χ^2/NDF : 241746011.4/31

0.076+/-0.000 χ^2/NDF : 222075104.6/16

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 116071.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 108341.7/16

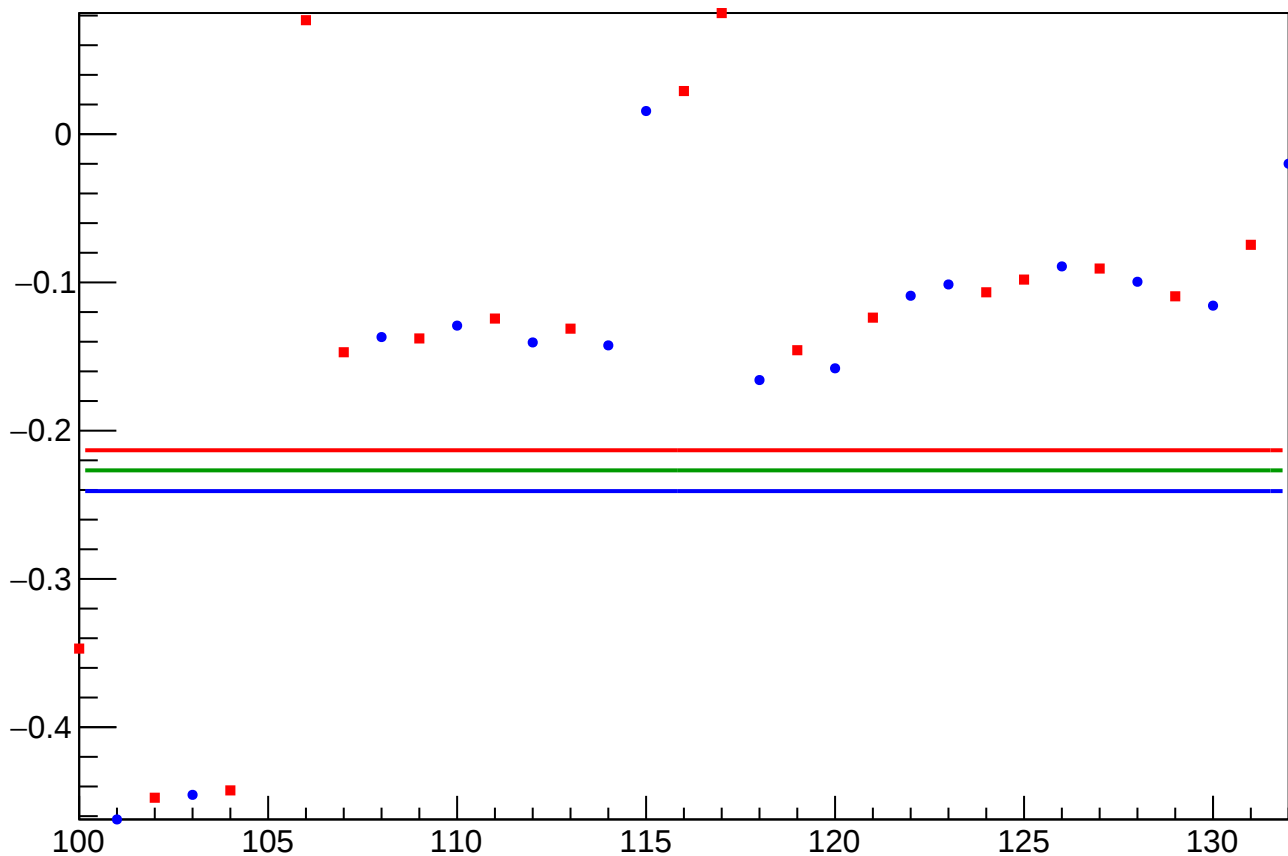
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116071.2/14

0.010+/-0.000 χ^2/NDF : 230325.7/31

0.009+/-0.000 χ^2/NDF : 108341.7/16

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.241+/-0.000 χ^2/NDF : 6586518199.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.213+/-0.000 χ^2/NDF : 6812984278.2/16

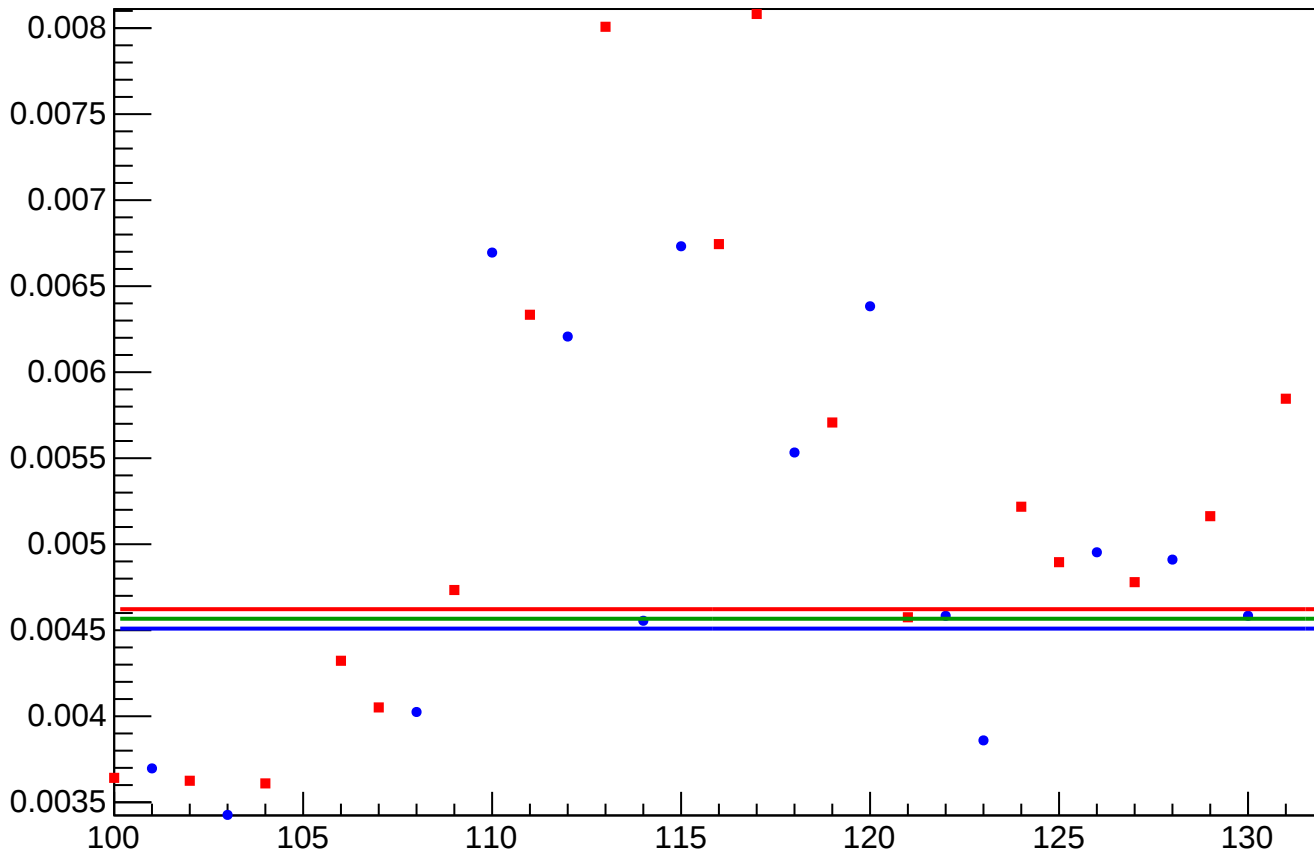
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.241+/-0.000 χ^2/NDF : 6586518199.1/14

-0.227+/-0.000 χ^2/NDF : 13492706583.8/14

-0.213+/-0.000 χ^2/NDF : 6812984278.2/16

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 482301.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 522708.2/16

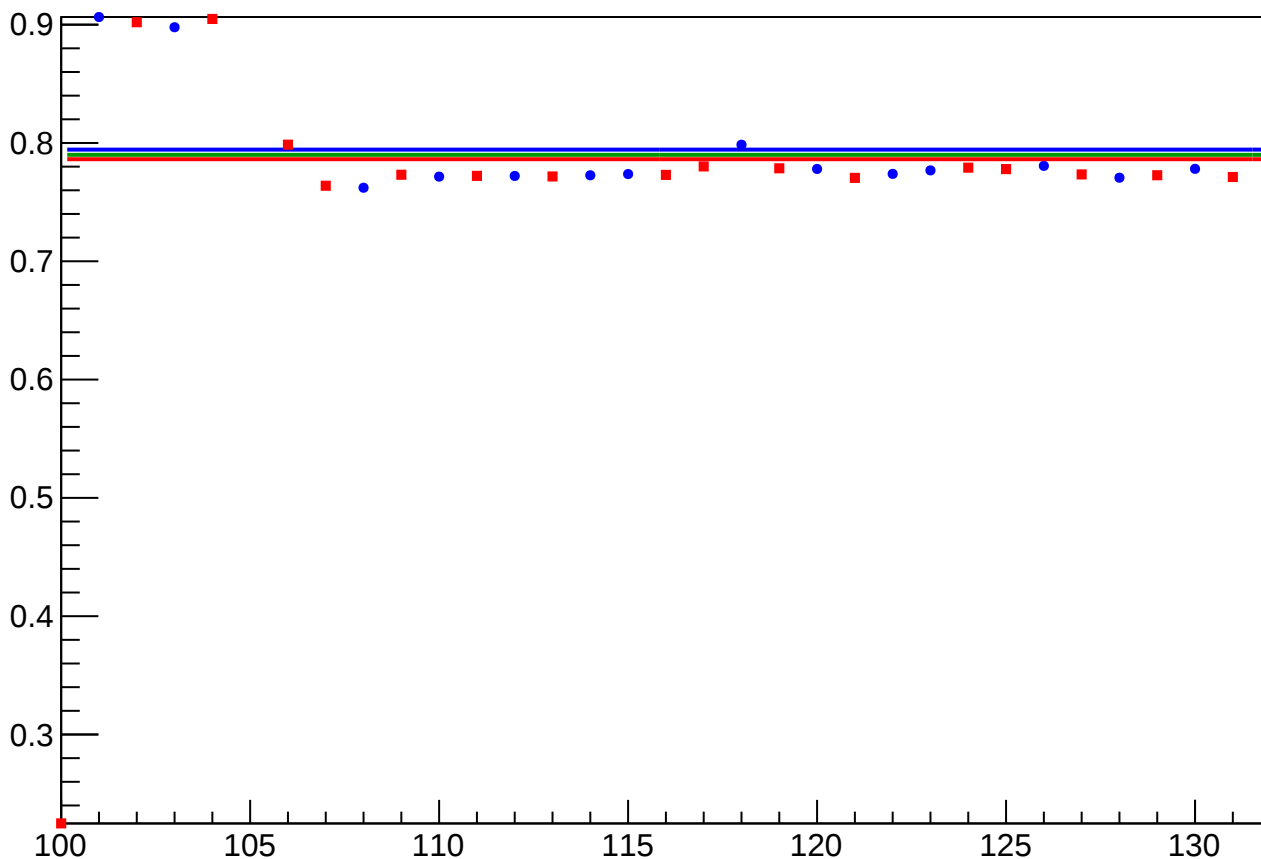
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 482301.1/14

0.005+/-0.000 χ^2/NDF : 1008141.2/31

0.005+/-0.000 χ^2/NDF : 522708.2/16

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.794+/-0.000 χ^2/NDF : 102547485.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.786+/-0.000 χ^2/NDF : 241028182.2/16

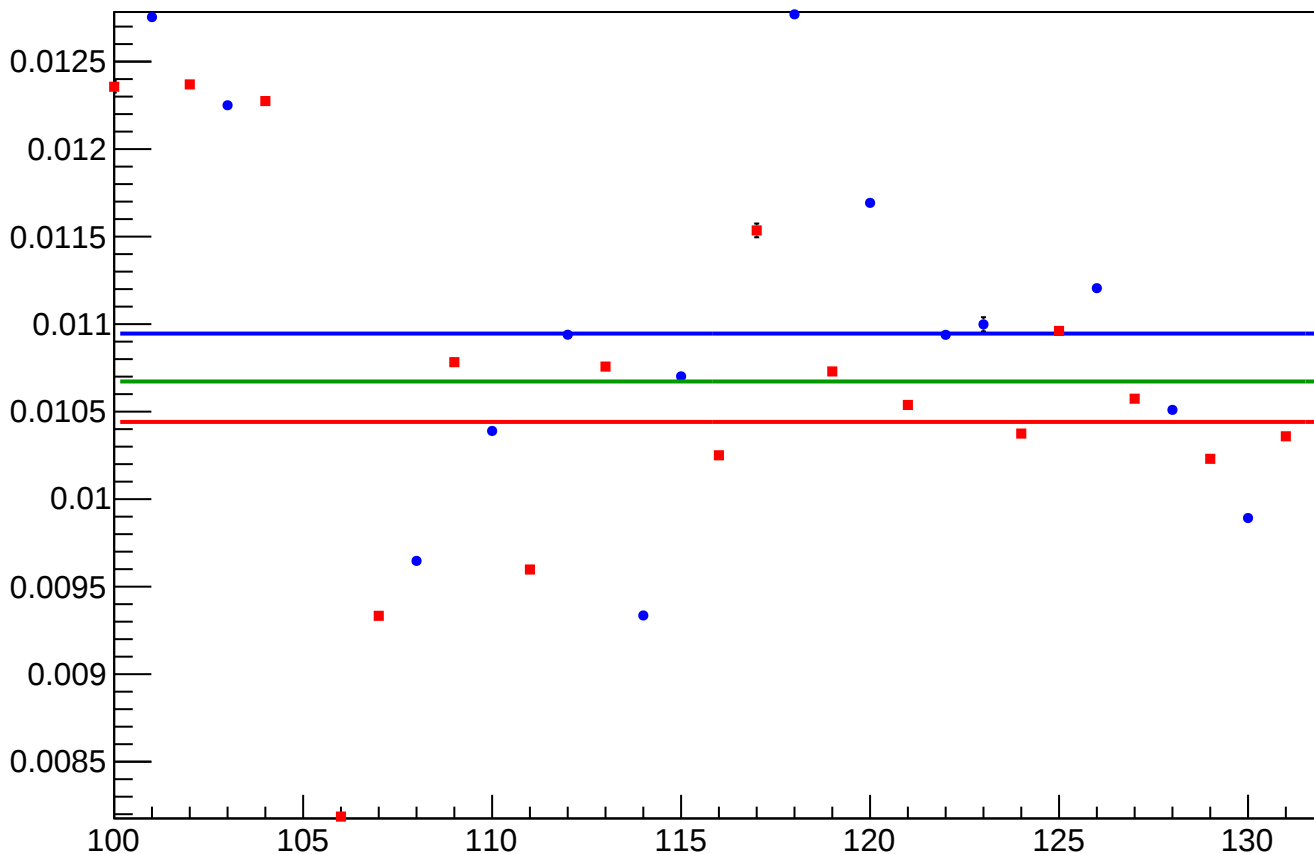
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.794+/-0.000 χ^2/NDF : 102547485.3/14

0.790+/-0.000 χ^2/NDF : 345209702.9/31

0.786+/-0.000 χ^2/NDF : 241028182.2/16

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 95841.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 116742.5/16

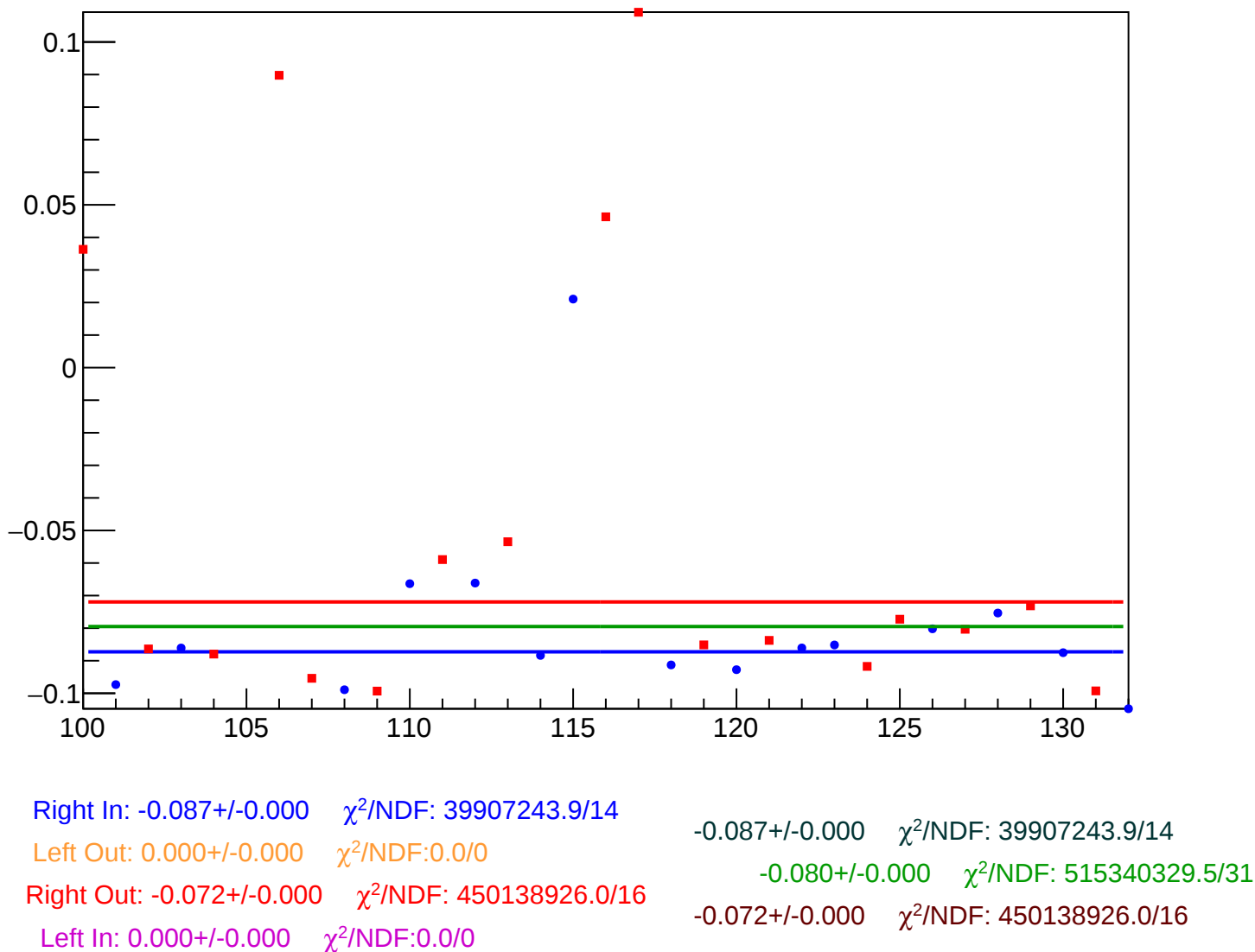
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 95841.9/14

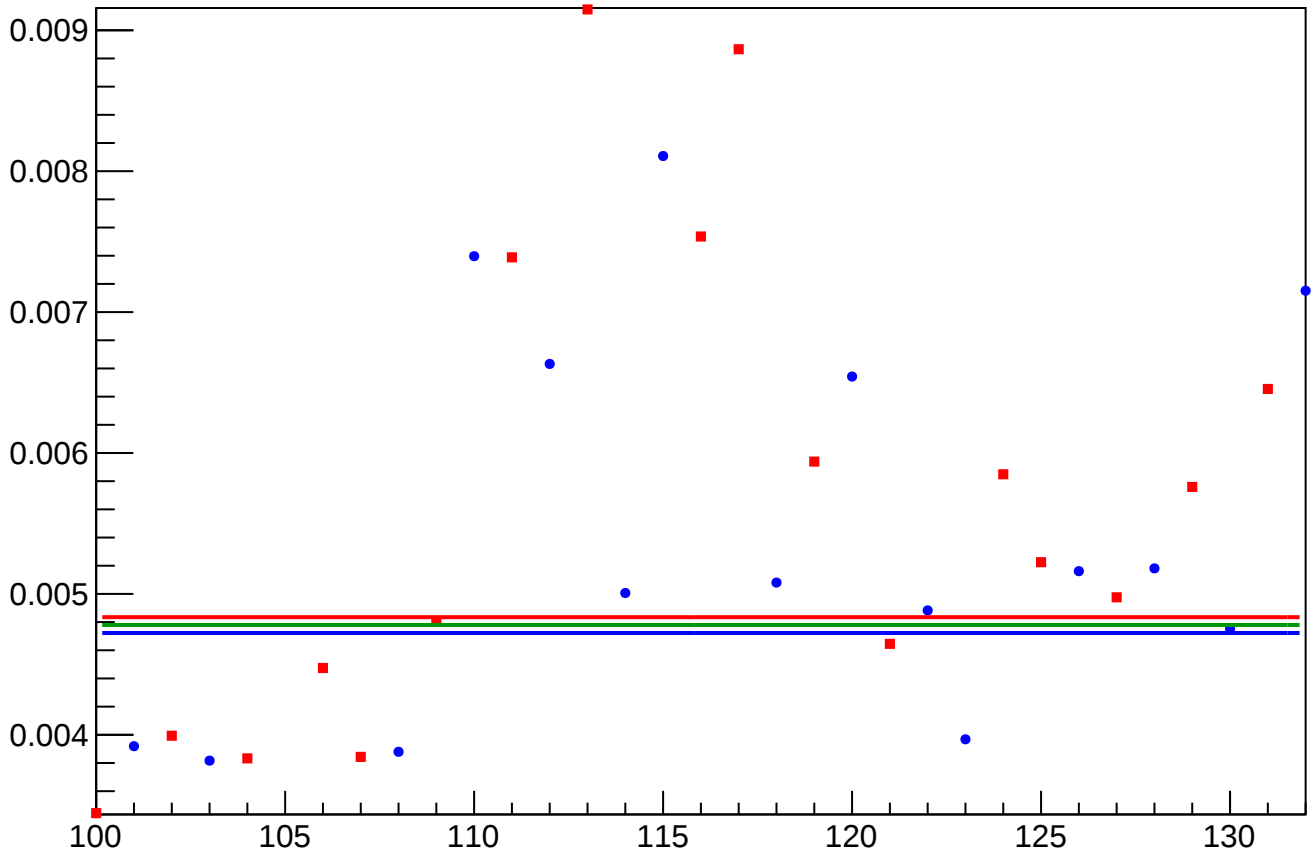
0.011+/-0.000 χ^2/NDF : 225225.7/31

0.010+/-0.000 χ^2/NDF : 116742.5/16

yield_bpm0l09Y_mean vs Slug, Sign Corrected



yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 455100.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 627185.2/16

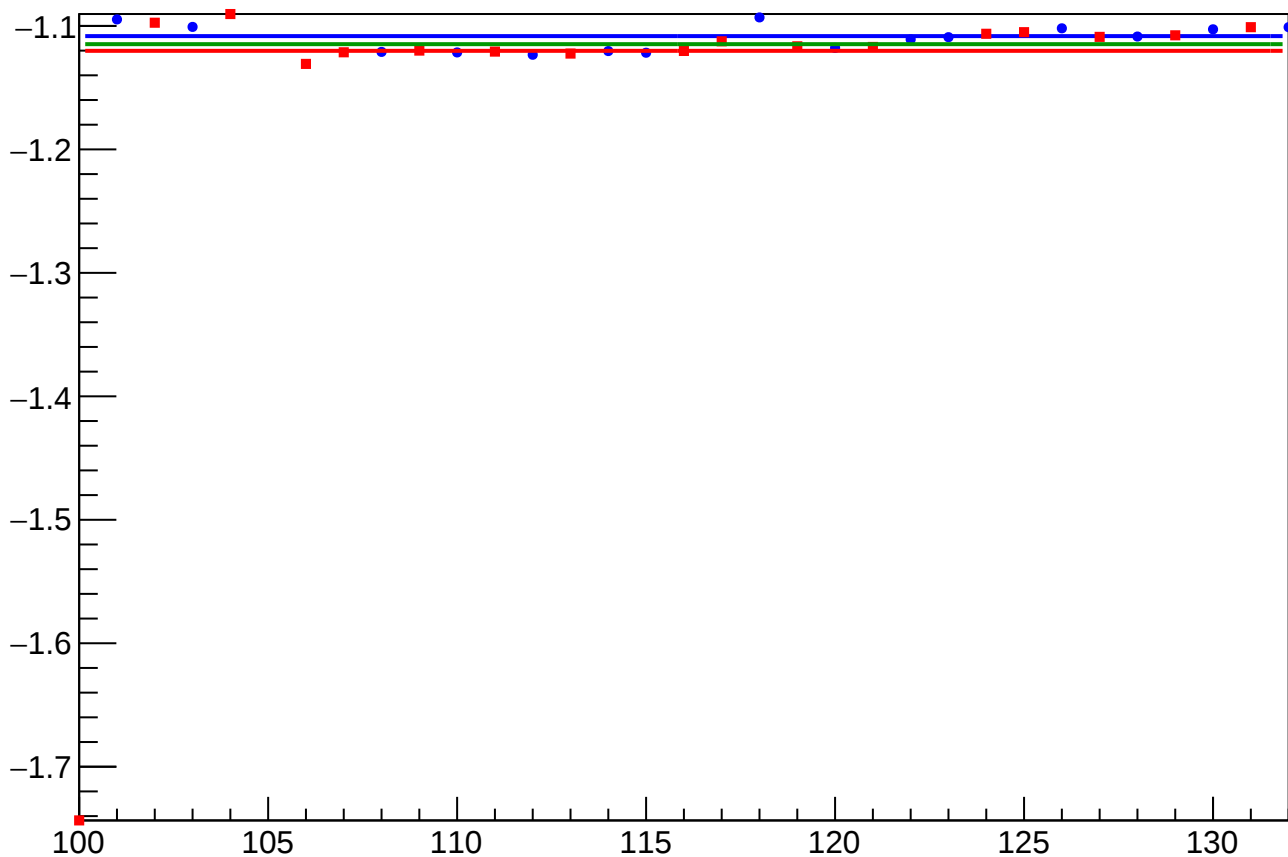
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 455100.6/14

0.005+/-0.000 χ^2/NDF : 1085003.1/31

0.005+/-0.000 χ^2/NDF : 627185.2/16

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.108 ± 0.000 χ^2/NDF : 4025200.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.120 ± 0.000 χ^2/NDF : 208191122.2/16

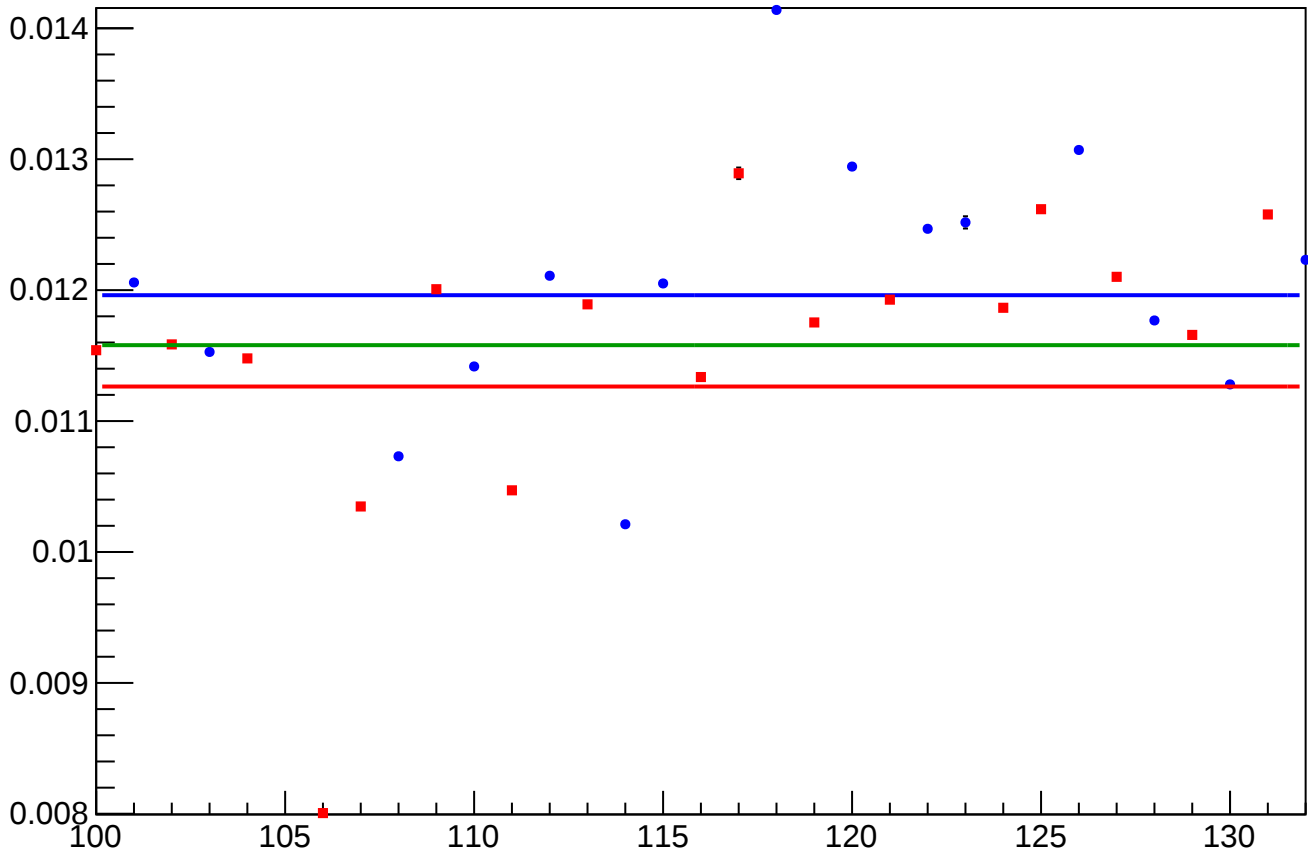
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.108 ± 0.000 χ^2/NDF : 4025200.4/14

-1.115 ± 0.000 χ^2/NDF : 215193428.7/31

-1.120 ± 0.000 χ^2/NDF : 208191122.2/16

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 56368.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2/NDF : 142065.3/16

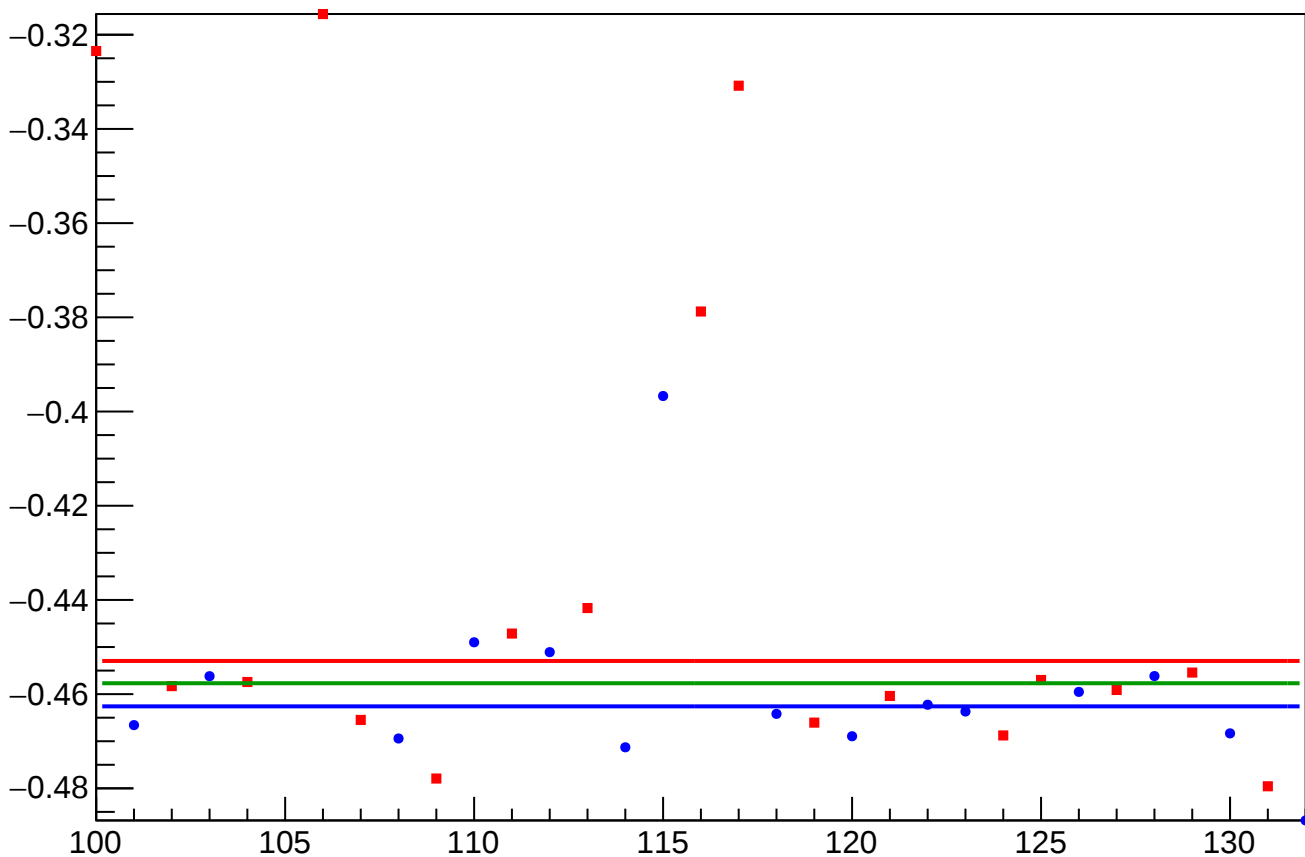
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.012 $\pm$ 0.000 χ^2/NDF : 56368.4/14

0.012 $\pm$ 0.000 χ^2/NDF : 218806.4/31

0.011 $\pm$ 0.000 χ^2/NDF : 142065.3/16

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.463+/-0.000 χ^2/NDF : 28753184.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.453+/-0.000 χ^2/NDF : 372504976.8/16

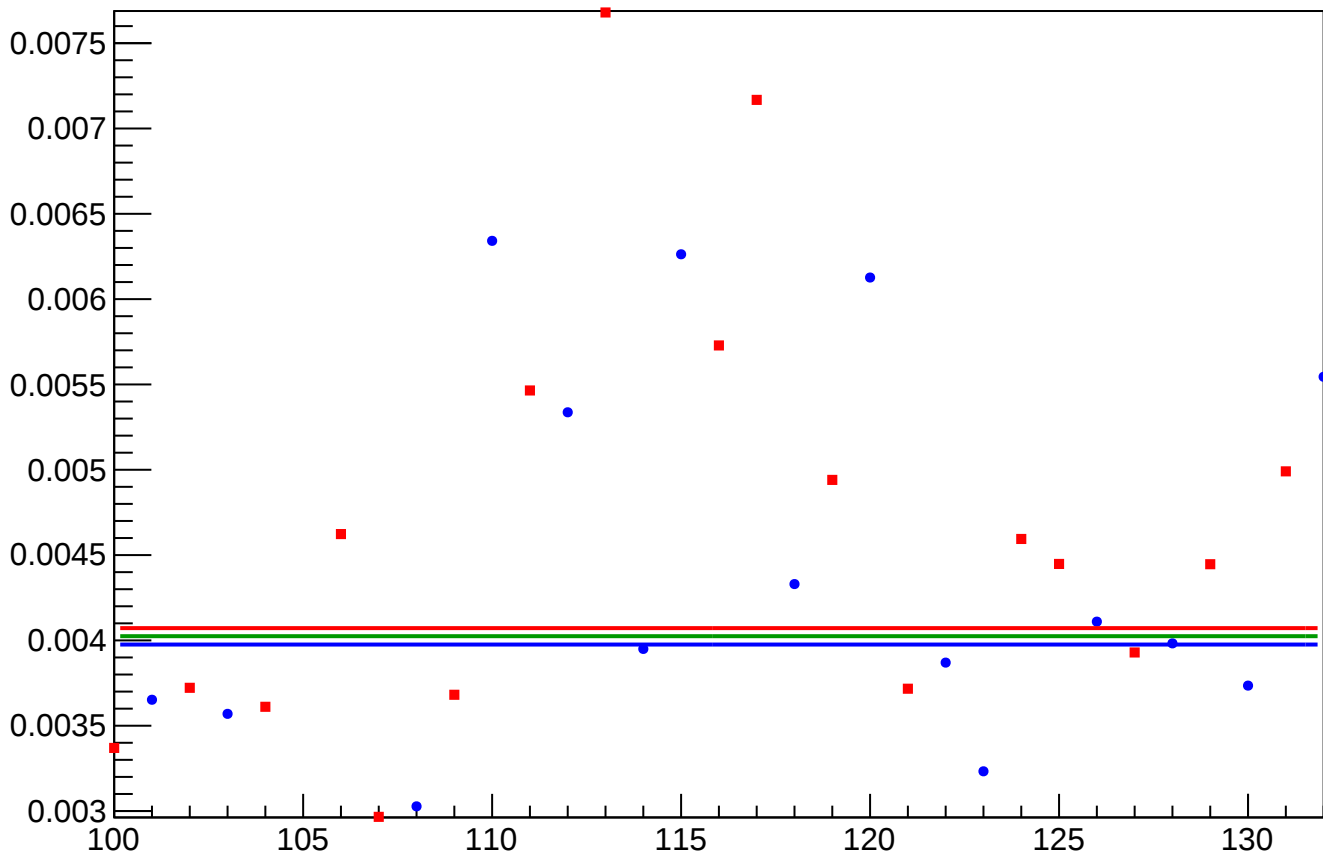
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.463+/-0.000 χ^2/NDF : 28753184.4/14

-0.458+/-0.000 χ^2/NDF : 415462267.1/31

-0.453+/-0.000 χ^2/NDF : 372504976.8/16

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 389671.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 490954.0/16

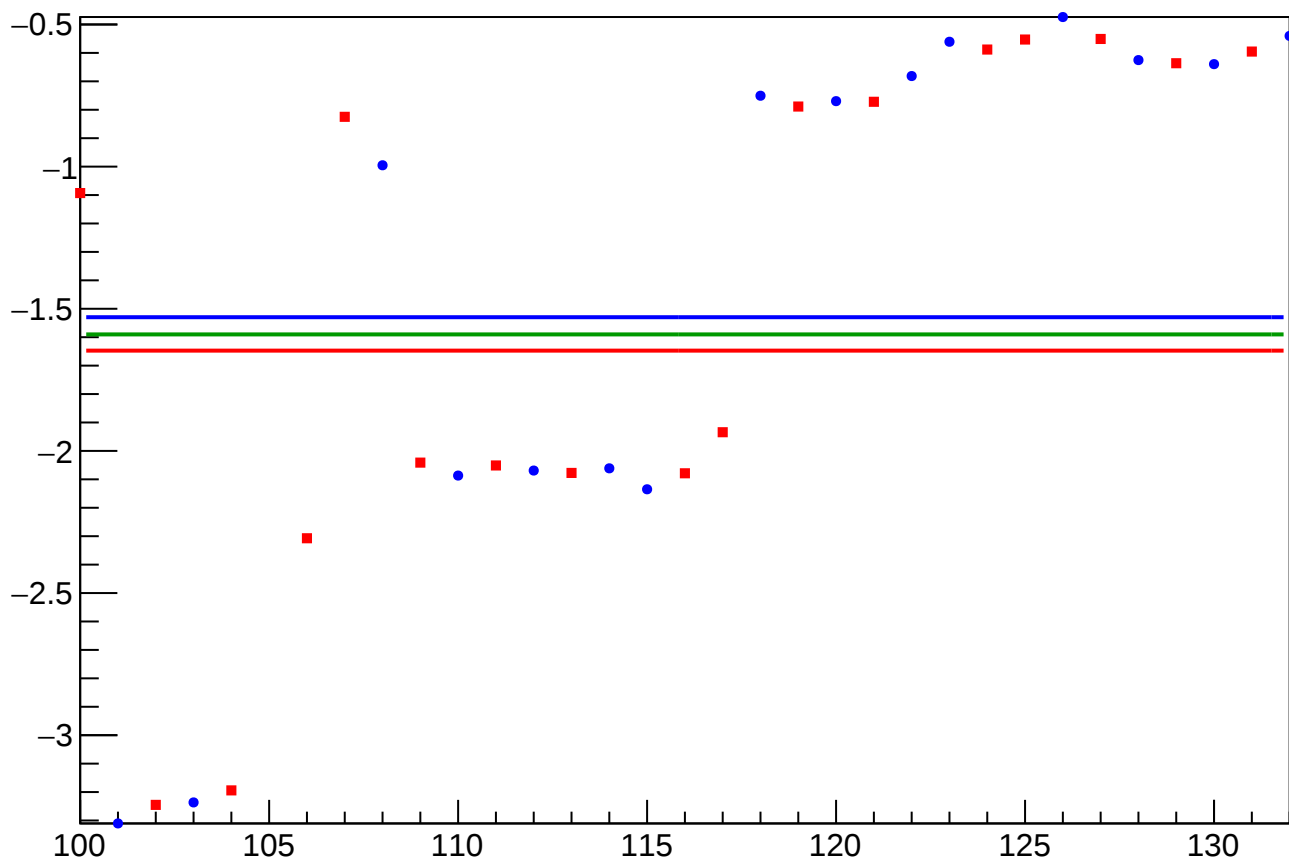
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 389671.4/14

0.004+/-0.000 χ^2/NDF : 883456.2/31

0.004+/-0.000 χ^2/NDF : 490954.0/16

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.530+/-0.000 χ^2/NDF : 1196074111.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.647+/-0.000 χ^2/NDF : 1056801203.6/16

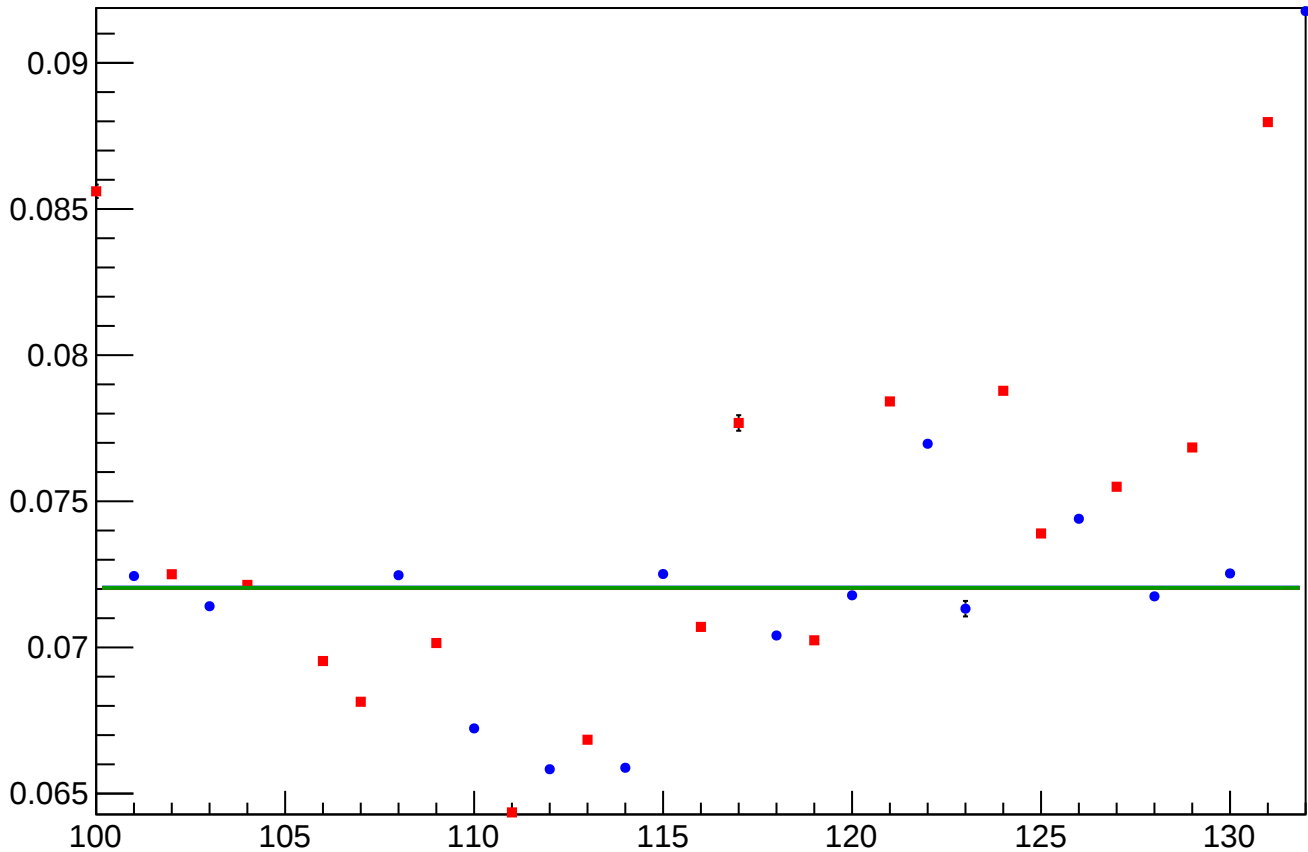
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.530+/-0.000 χ^2/NDF : 1196074111.9/14

-1.590+/-0.000 χ^2/NDF : 2260538285.1/3

-1.647+/-0.000 χ^2/NDF : 1056801203.6/16

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 53506.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 62098.9/16

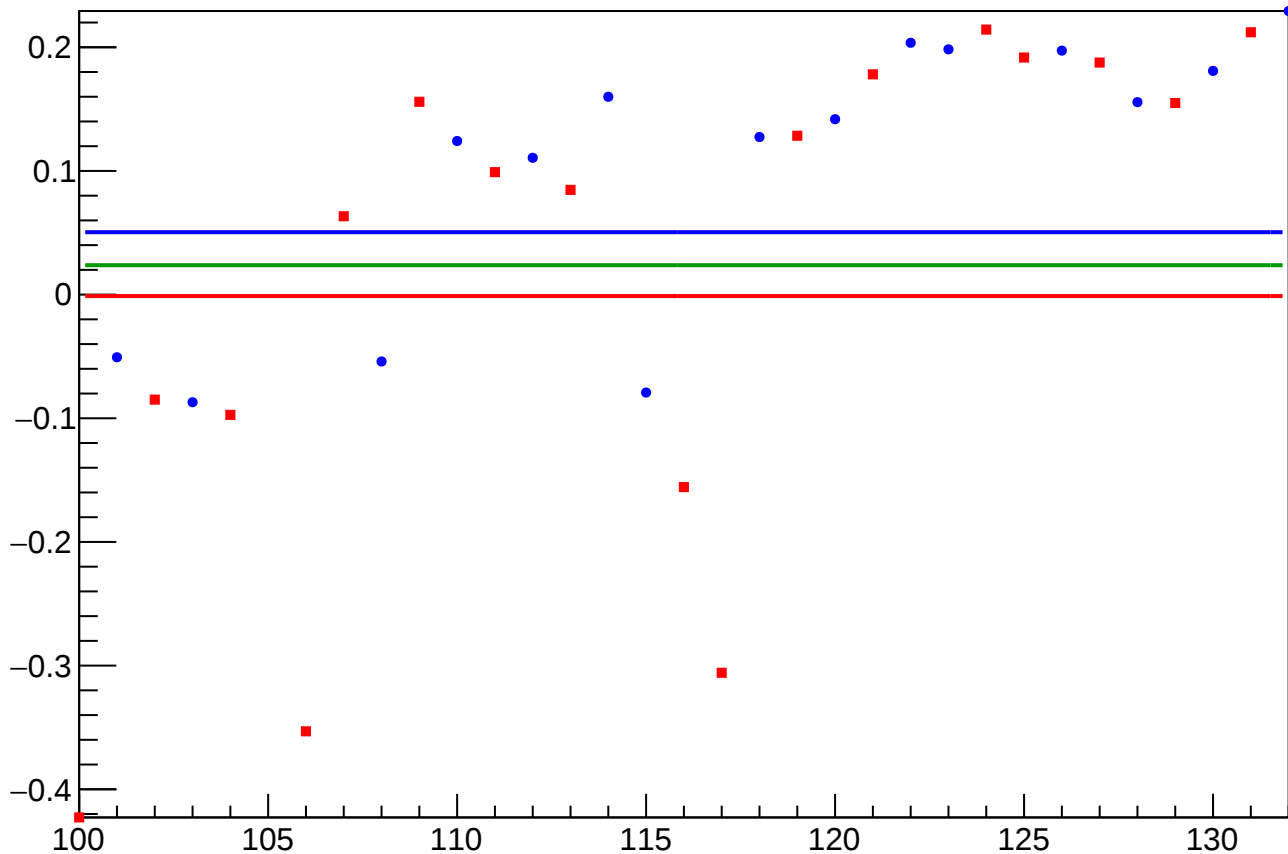
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 53506.2/14

0.072+/-0.000 χ^2/NDF : 115605.3/31

0.072+/-0.000 χ^2/NDF : 62098.9/16

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.000 χ^2/NDF : 471910992.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 1194420272.3/16

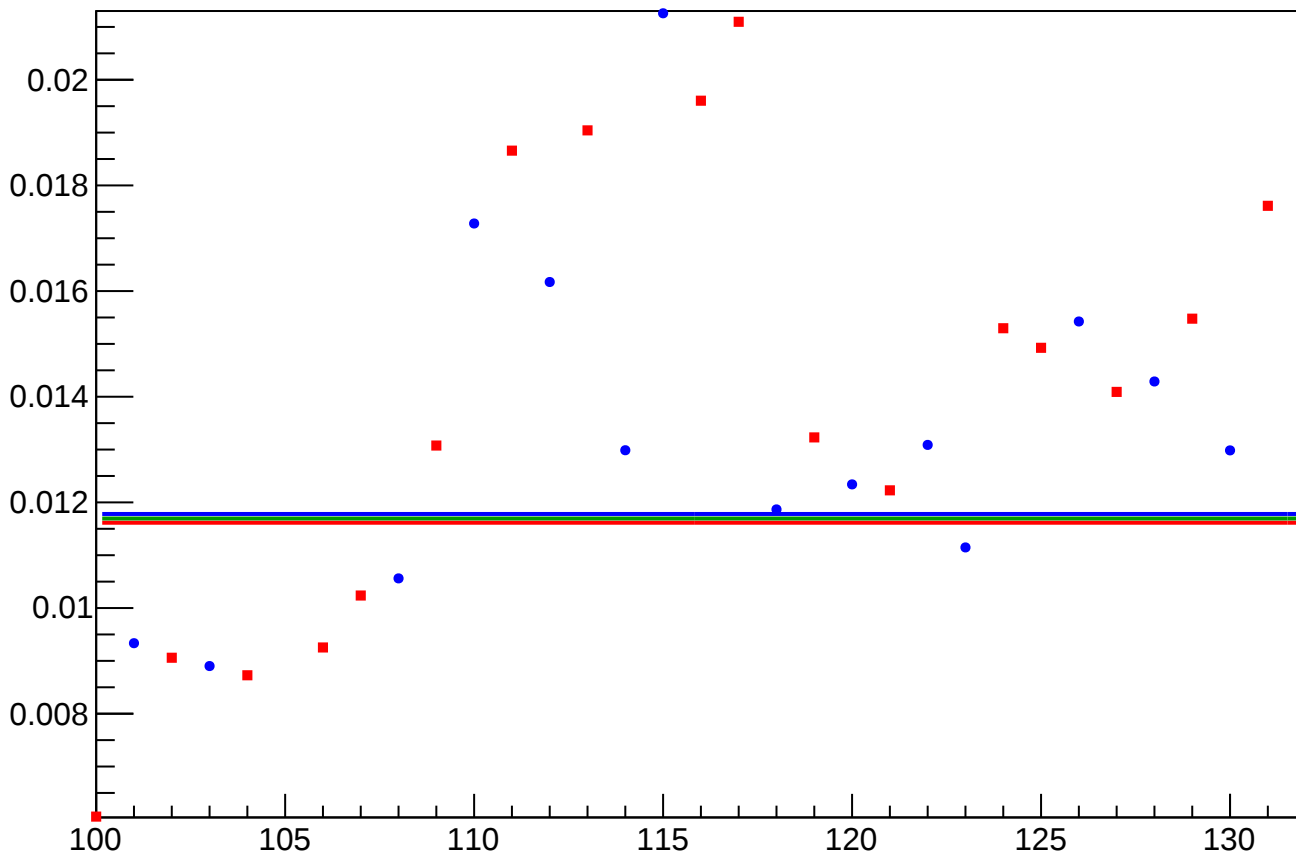
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.050+/-0.000 χ^2/NDF : 471910992.1/14

0.024+/-0.000 χ^2/NDF : 1714402570.1/31

-0.001+/-0.000 χ^2/NDF : 1194420272.3/16

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 549795.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 877985.9/16

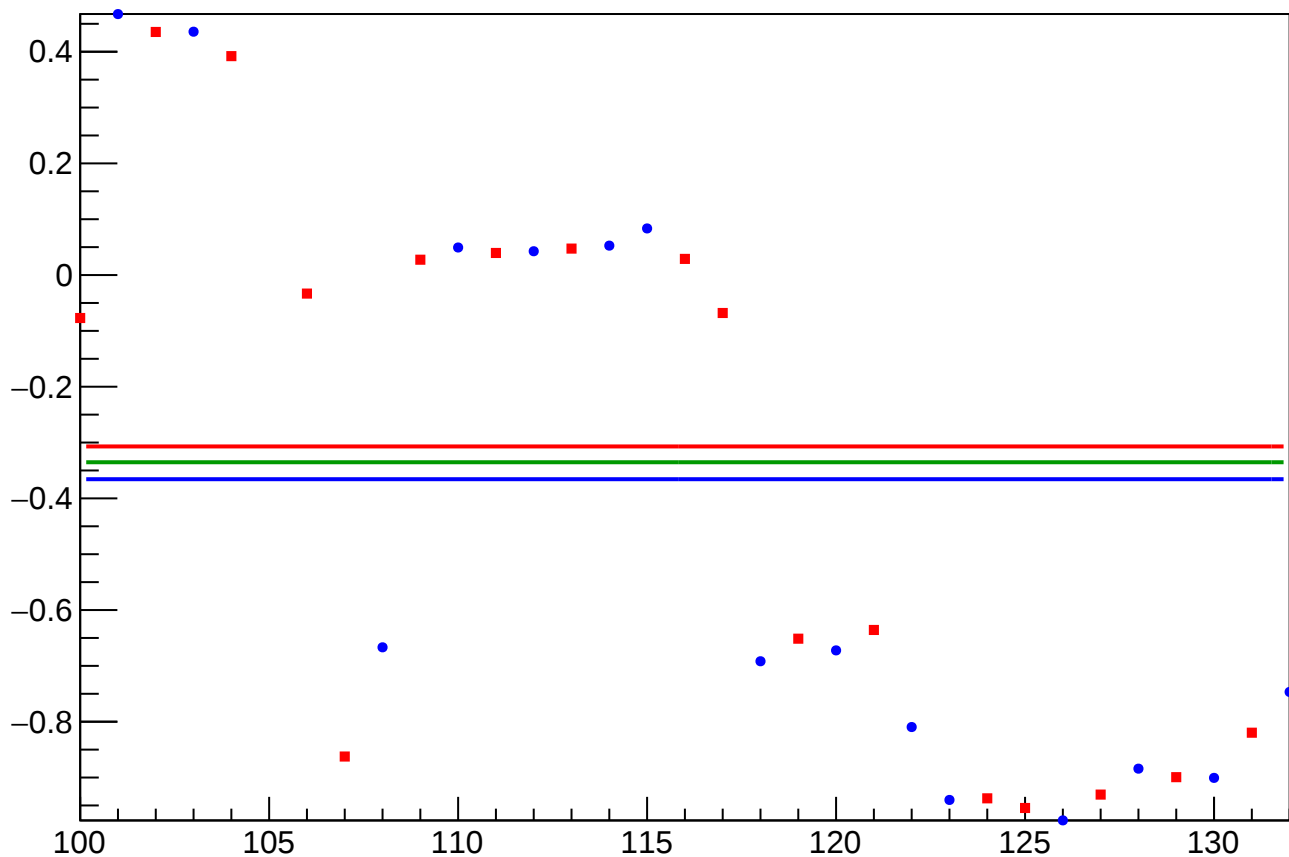
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 549795.8/14

0.012+/-0.000 χ^2/NDF : 1428772.5/31

0.012+/-0.000 χ^2/NDF : 877985.9/16

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.366+/-0.000 χ^2/NDF : 210300464.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.307+/-0.000 χ^2/NDF : 199827821.2/16

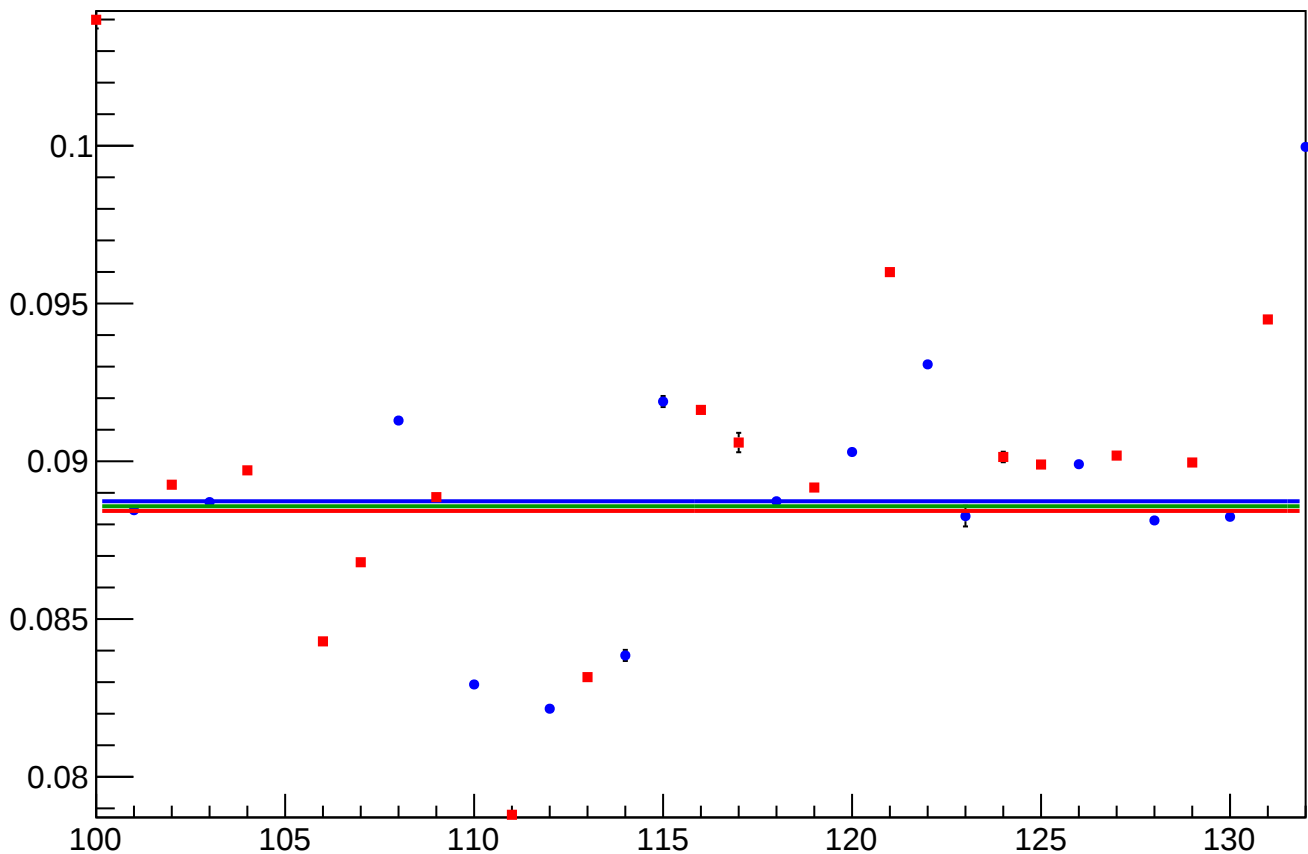
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.366+/-0.000 χ^2/NDF : 210300464.7/14

-0.335+/-0.000 χ^2/NDF : 411414340.8/31

-0.307+/-0.000 χ^2/NDF : 199827821.2/16

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 23594.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 31170.7/16

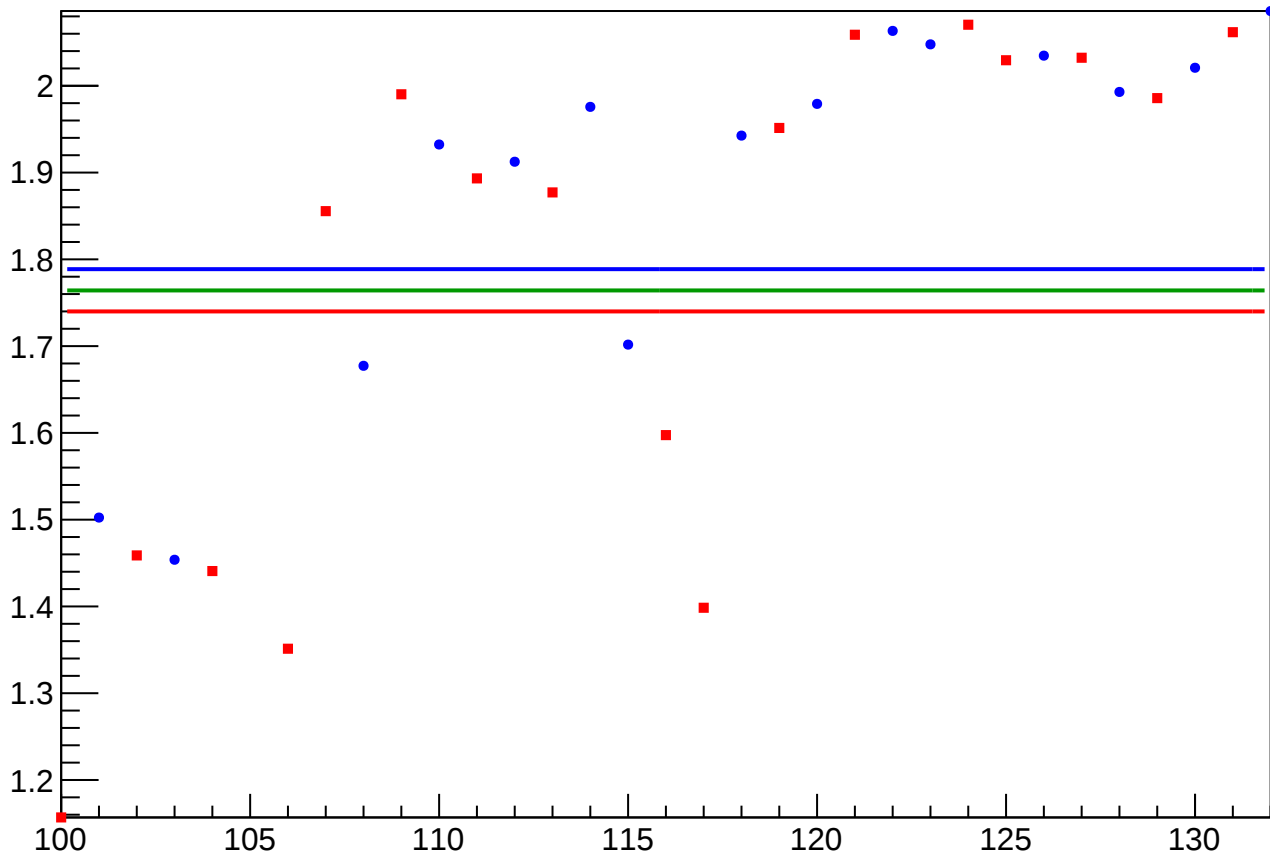
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 23594.1/14

0.089+/-0.000 χ^2/NDF : 54835.0/31

0.088+/-0.000 χ^2/NDF : 31170.7/16

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.789+/-0.000 χ^2/NDF : 1119022570.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.740+/-0.000 χ^2/NDF : 1610657074.0/16

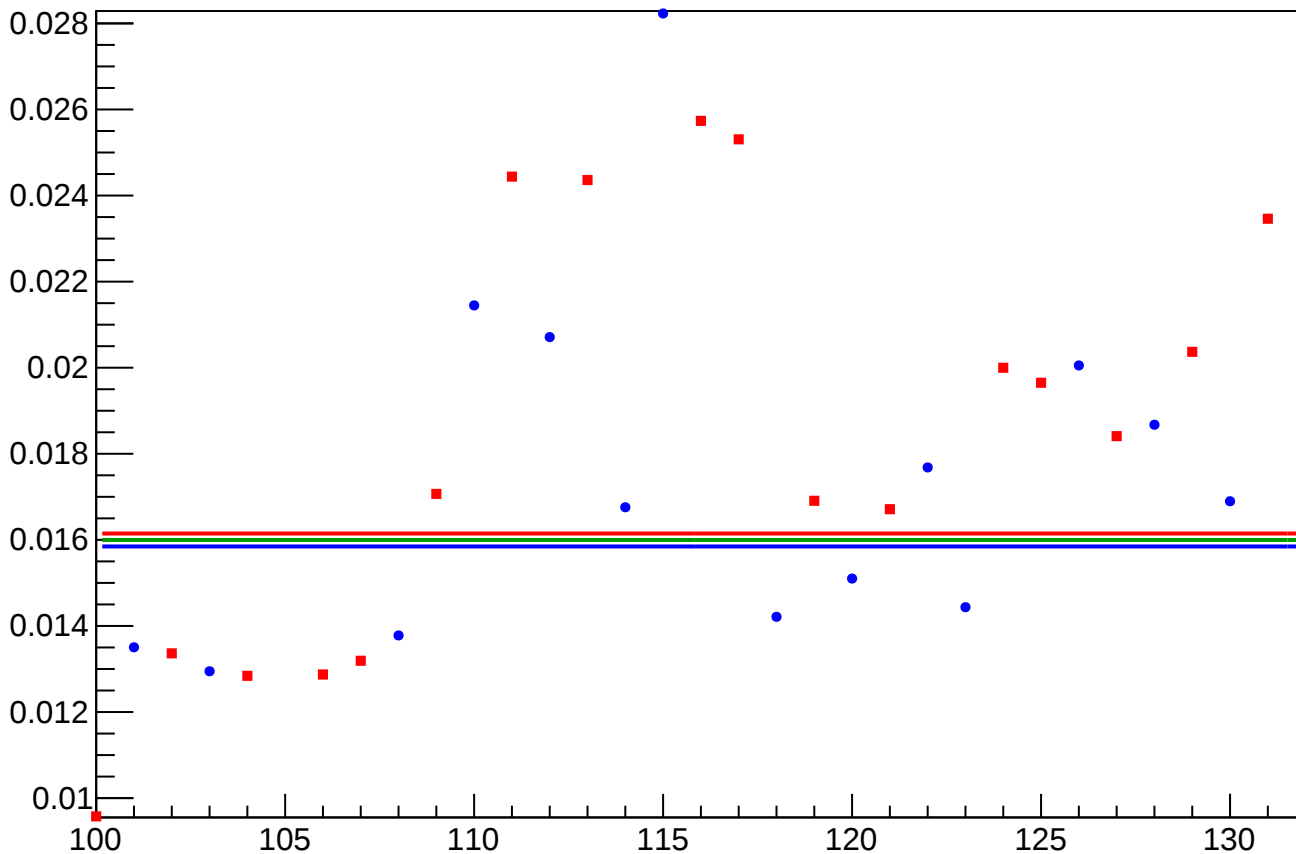
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.789+/-0.000 χ^2/NDF : 1119022570.3/14

1.764+/-0.000 χ^2/NDF : 2752959462.5/31

1.740+/-0.000 χ^2/NDF : 1610657074.0/16

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 404775.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 621337.3/16

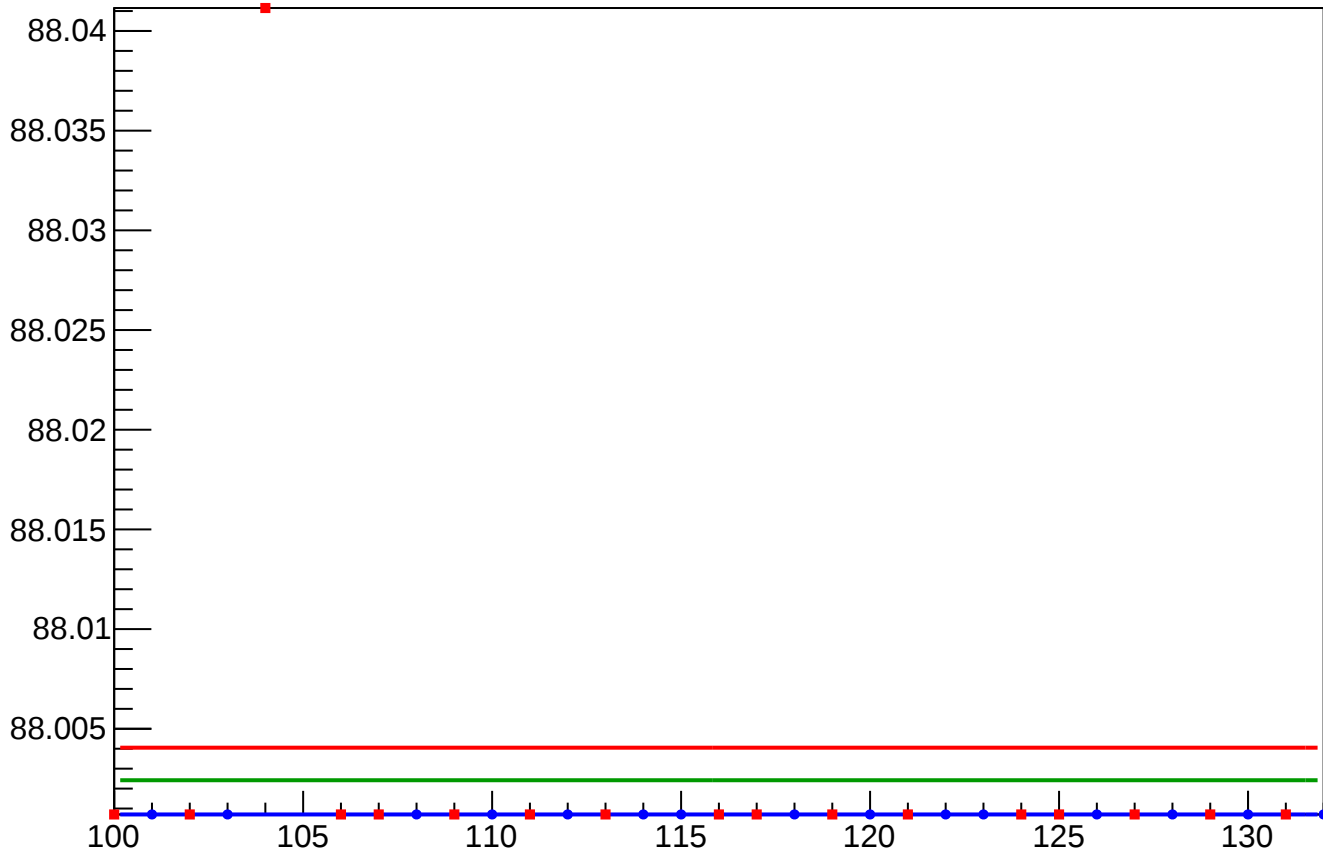
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 404775.9/14

0.016+/-0.000 χ^2/NDF : 1027891.4/31

0.016+/-0.000 χ^2/NDF : 621337.3/16

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1398290.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.001+/-0.000 χ^2/NDF : 1398290.7/14

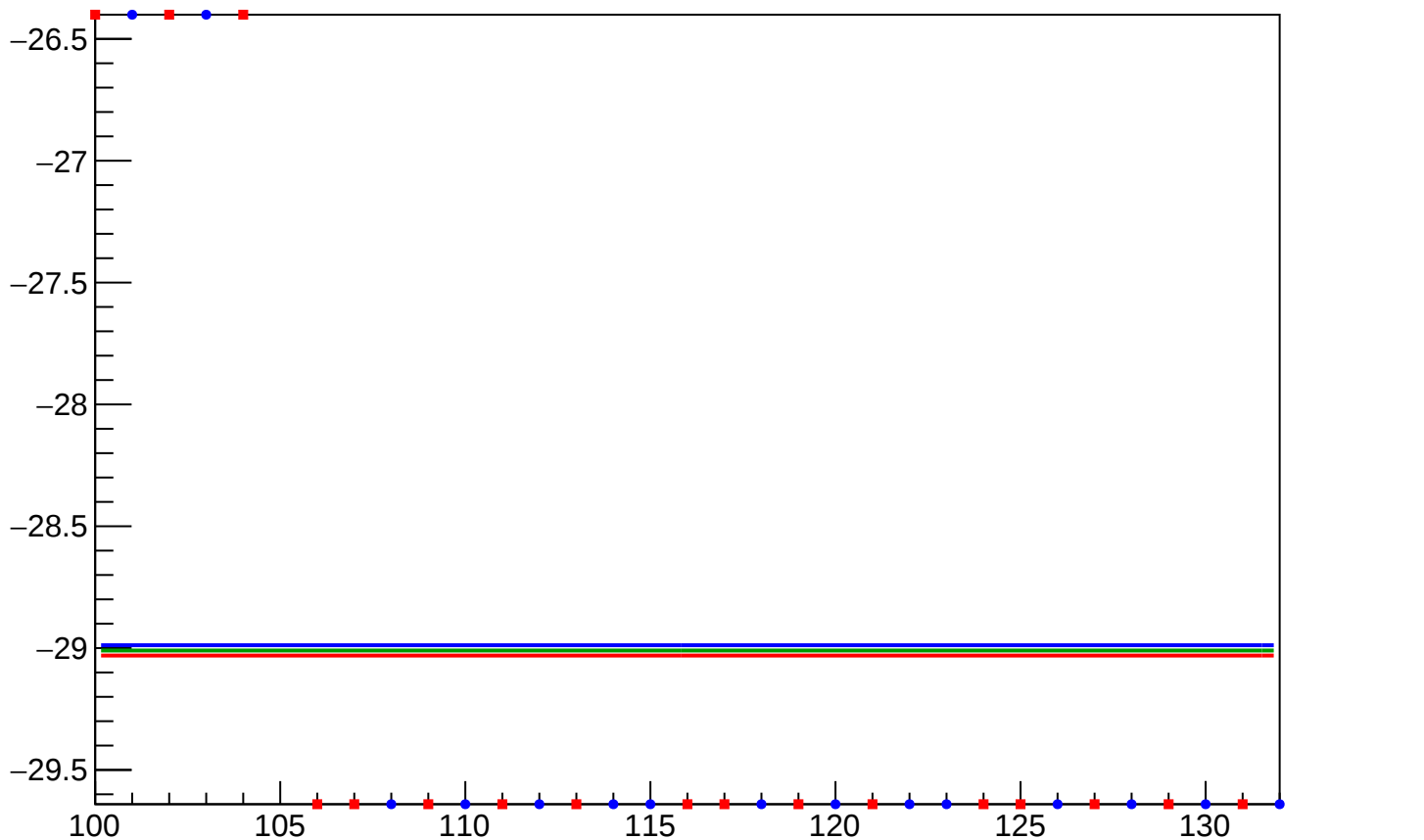
88.002+/-0.000 χ^2/NDF : 7989955014649

Right Out: 88.004+/-0.000 χ^2/NDF : 76531674166686272910627176448.0/16

88.004+/-0.000 χ^2/NDF : 765316741666862729

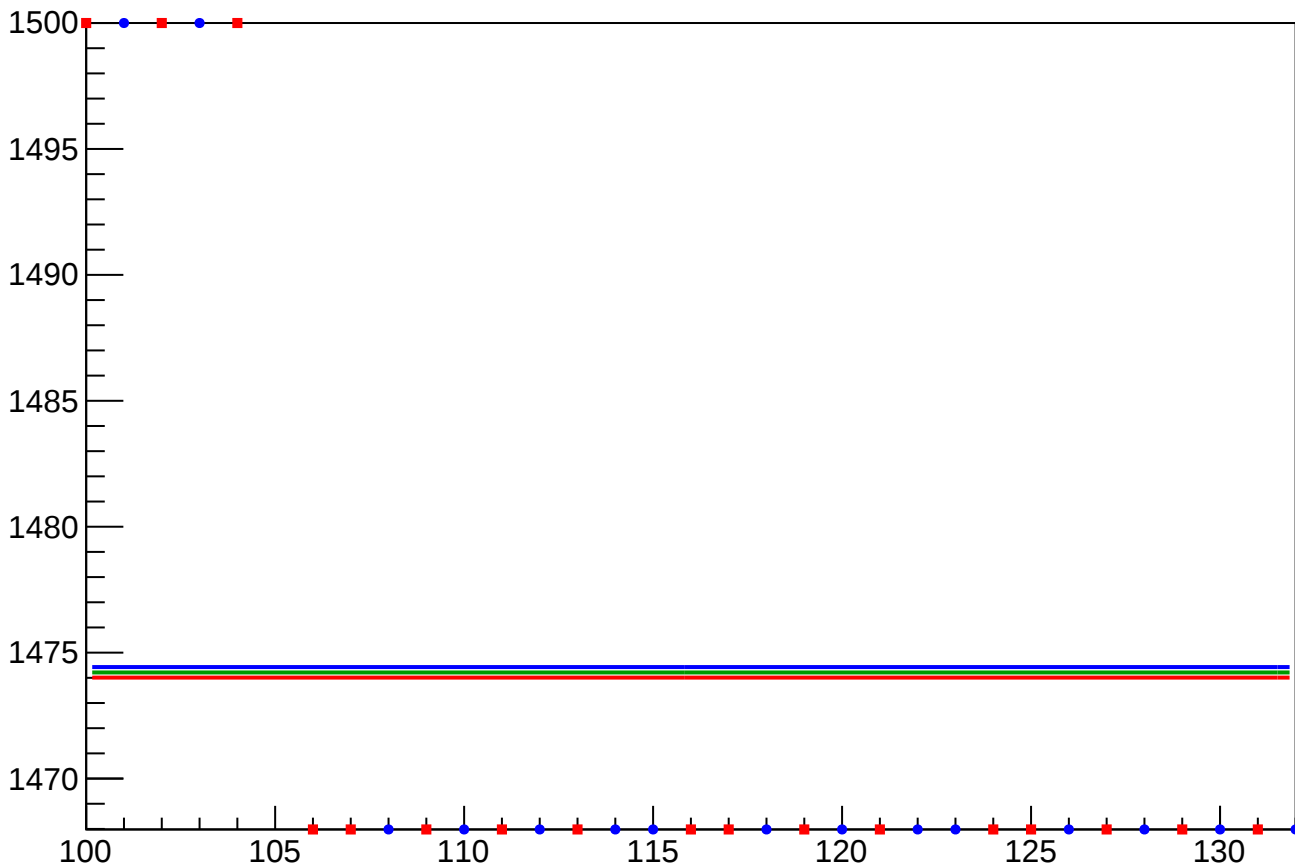
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -28.988+/-0.000 χ^2/NDF : 989282359044385142311445292122112.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -29.010+/-0.000 χ^2/NDF : 1978229926123
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1474.427+/-0.000 χ^2/NDF : 96629792124830669926177076181729280.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1474.009+/-0.000 χ^2/NDF : 96544621066870080382448484558569472.0/16

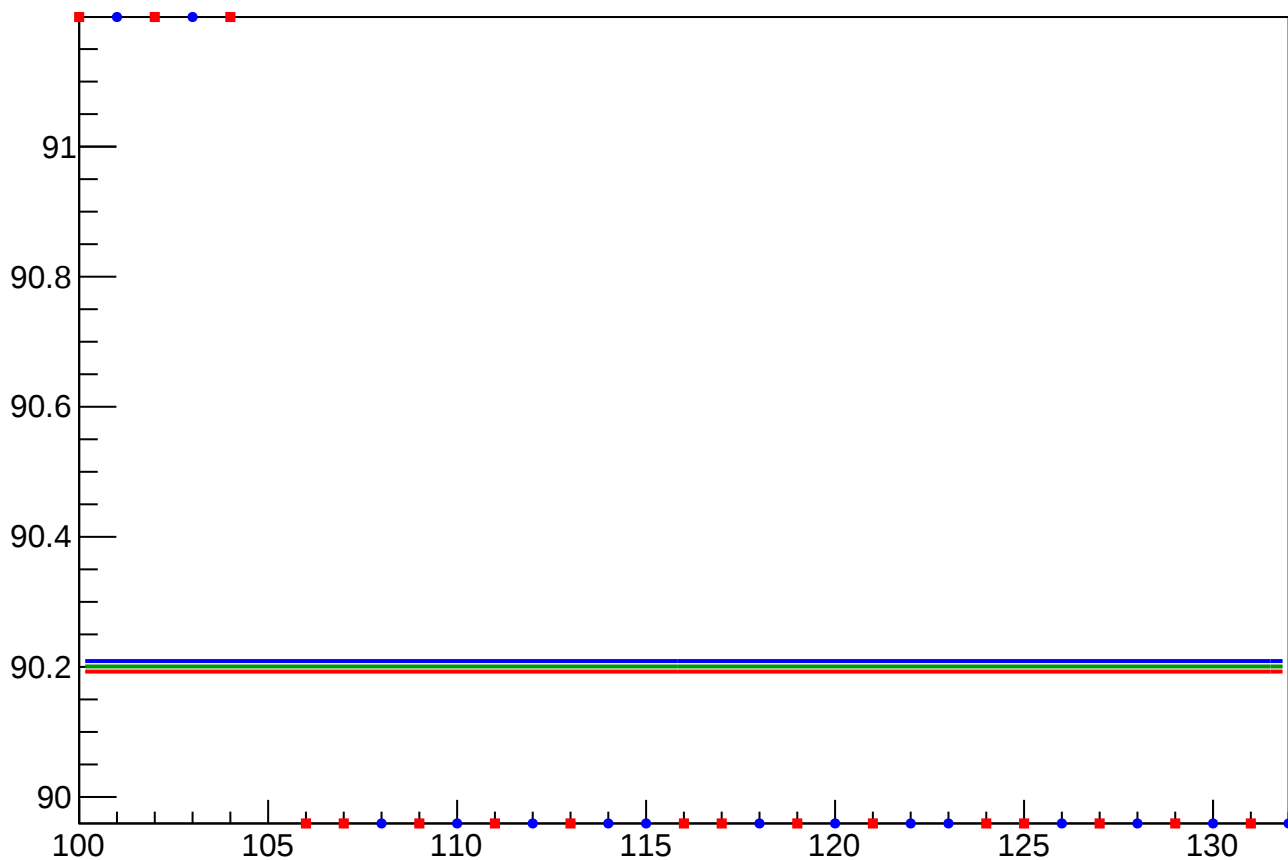
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1474.427+/-0.000 χ^2/NDF : 9662979212483066

1474.213+/-0.000 χ^2/NDF : 19322688289

1474.009+/-0.000 χ^2/NDF : 9654462106687008

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.209+/-0.000 χ^2/NDF : 144901744709924757042144684802048.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.193+/-0.000 χ^2/NDF : 144774025974054588493977261965312.0/16

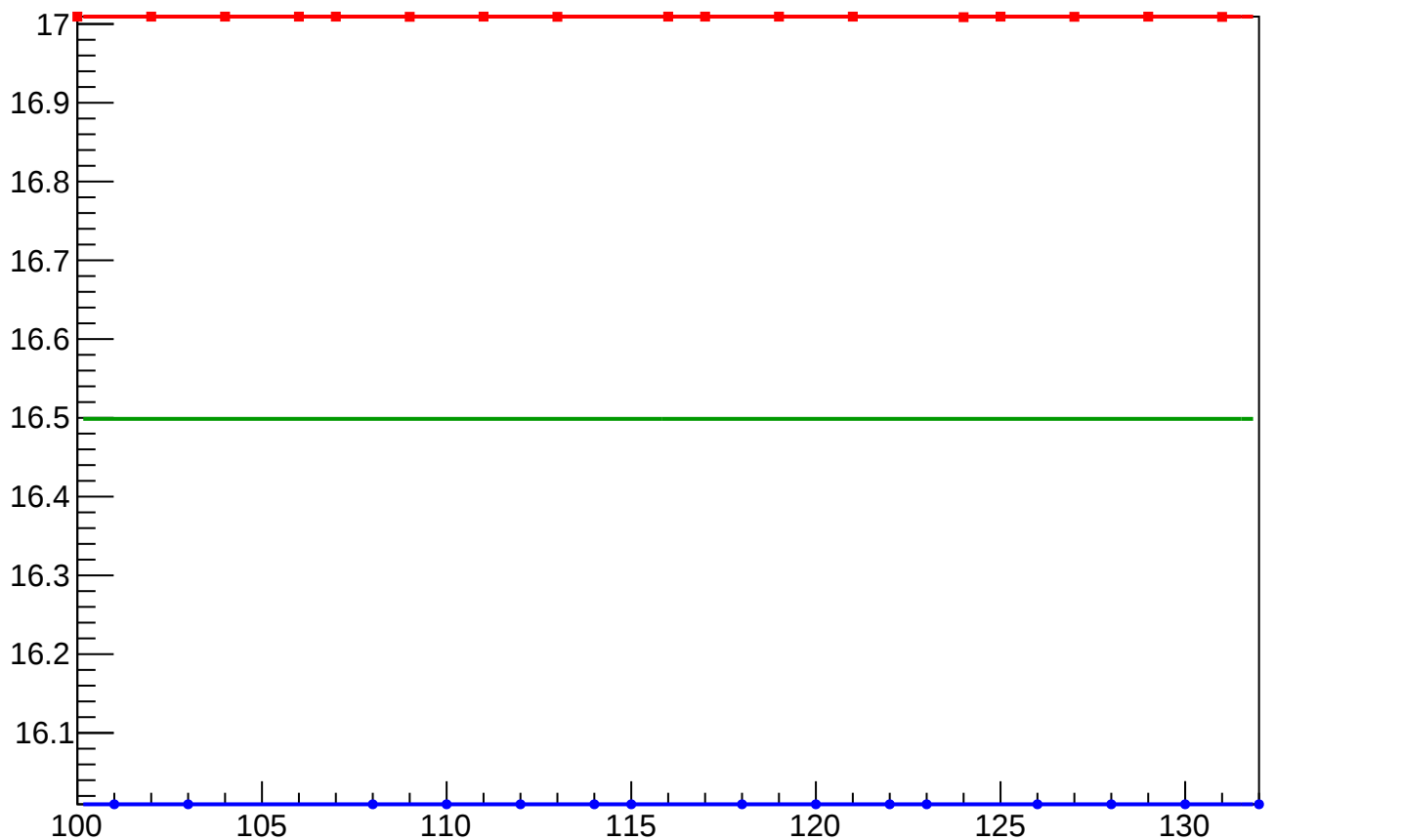
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.209+/-0.000 χ^2/NDF : 144901744709924757042144684802048.0/14

90.201+/-0.000 χ^2/NDF : 2897544519135

90.193+/-0.000 χ^2/NDF : 144774025974054588493977261965312.0/16

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2 /NDF: 43179.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.009+/-0.000 χ^2 /NDF: 12017329311558667312562176.0/16

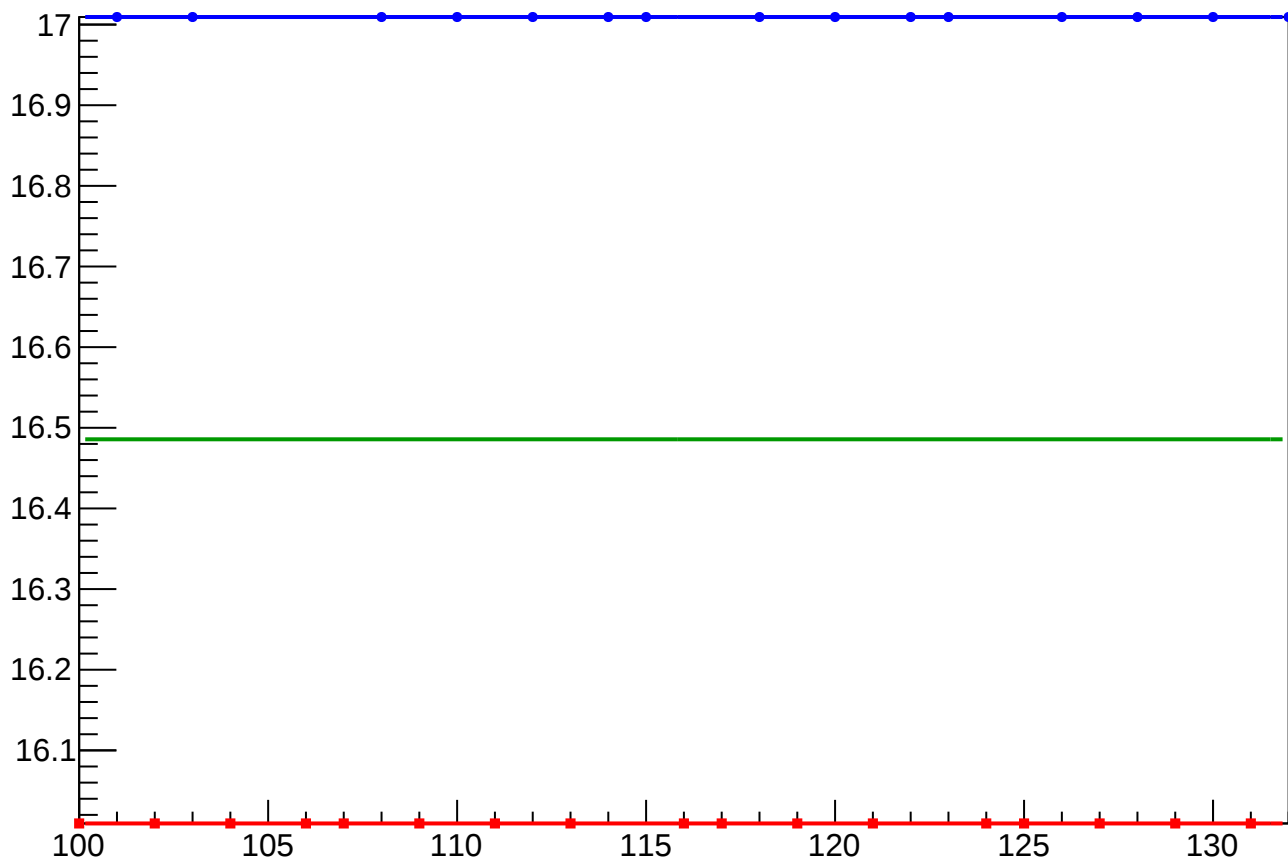
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

16.009+/-0.000 χ^2 /NDF: 43179.1/14

16.499+/-0.000 χ^2 /NDF: 2823231142943

17.009+/-0.000 χ^2 /NDF: 120173293115586673

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 59347.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 22794.9/16

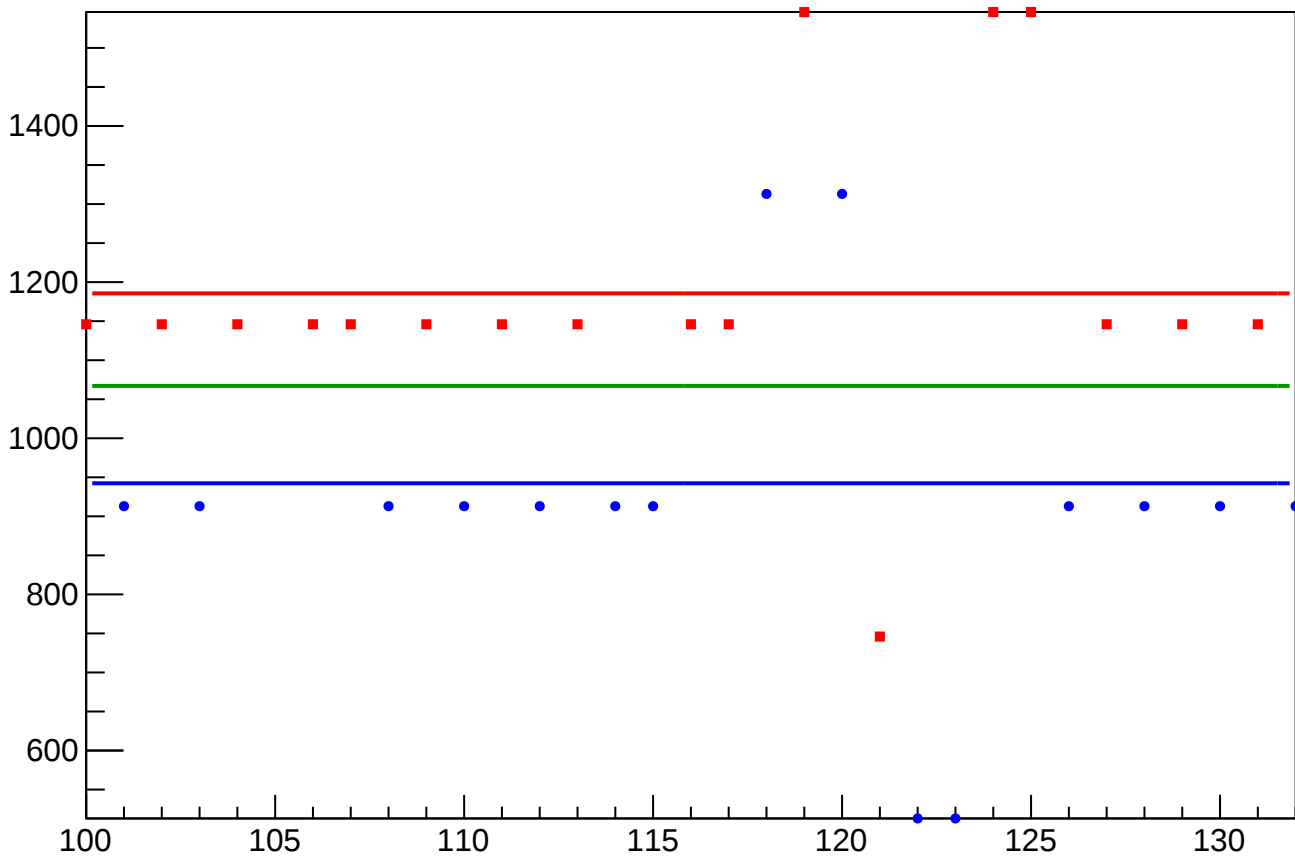
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 59347.6/14

16.486 $\pm$ 0.000 χ^2 /NDF: 2900997420464

16.009 $\pm$ 0.000 χ^2 /NDF: 22794.9/16

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 942.347+/-0.000 χ^2/NDF : 20776478049656831810730861572019716096.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1185.620+/-0.000 χ^2/NDF : 21274245496229633859668591185586290688.0/16

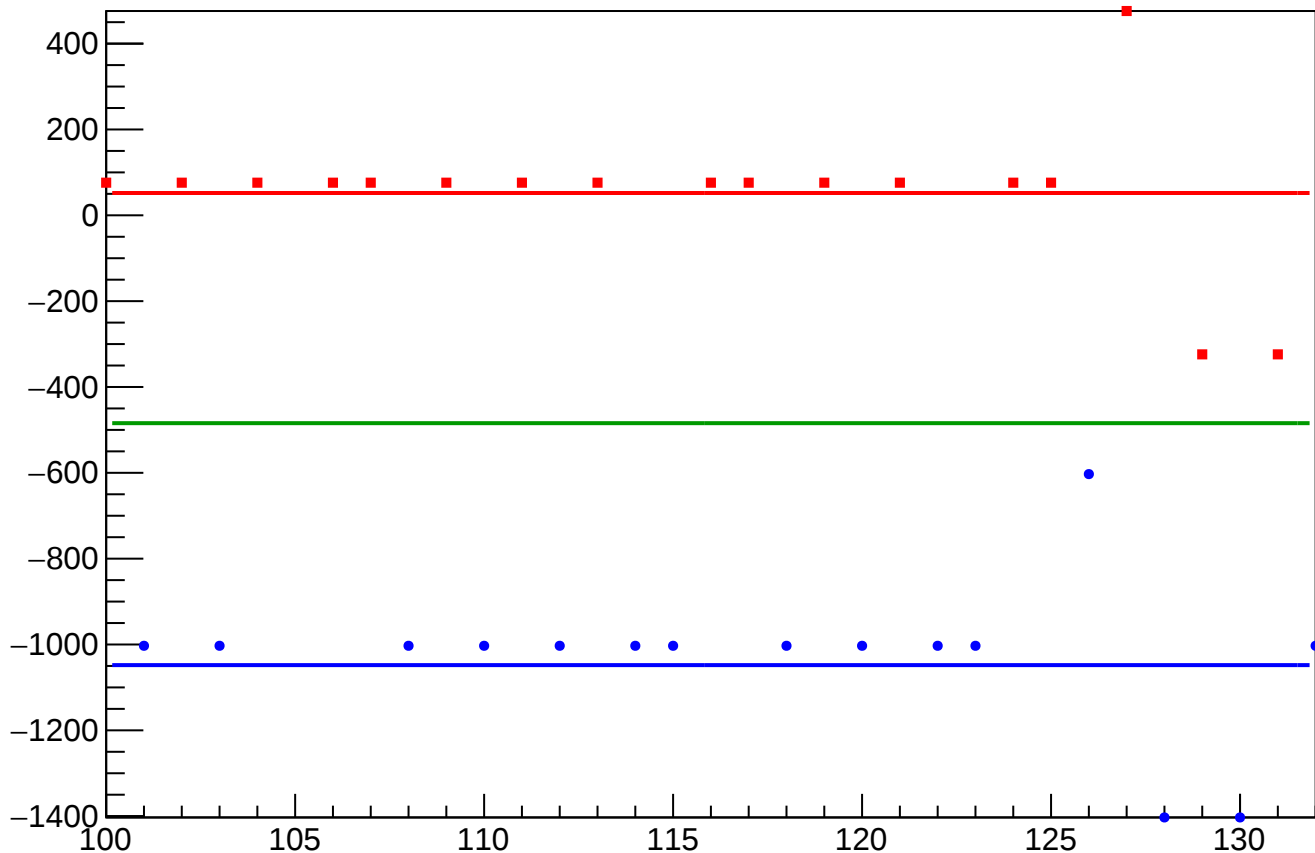
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

942.347+/-0.000 χ^2/NDF : 20776478049656831810730861572019716096.0/14

1067.019+/-0.000 χ^2/NDF : 59823734245

1185.620+/-0.000 χ^2/NDF : 21274245496229633859668591185586290688.0/16

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1048.040+/-0.000 χ^2/NDF : 22490329114210011574081343040515997696.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.983+/-0.000 χ^2/NDF : 19324043589552548022675372033951399936.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1048.040+/-0.000 χ^2/NDF : 22490329114210011574081343040515997696.0/14

-484.301+/-0.000 χ^2/NDF : 405208209481399936.0/16

51.983+/-0.000 χ^2/NDF : 19324043589552548022675372033951399936.0/16