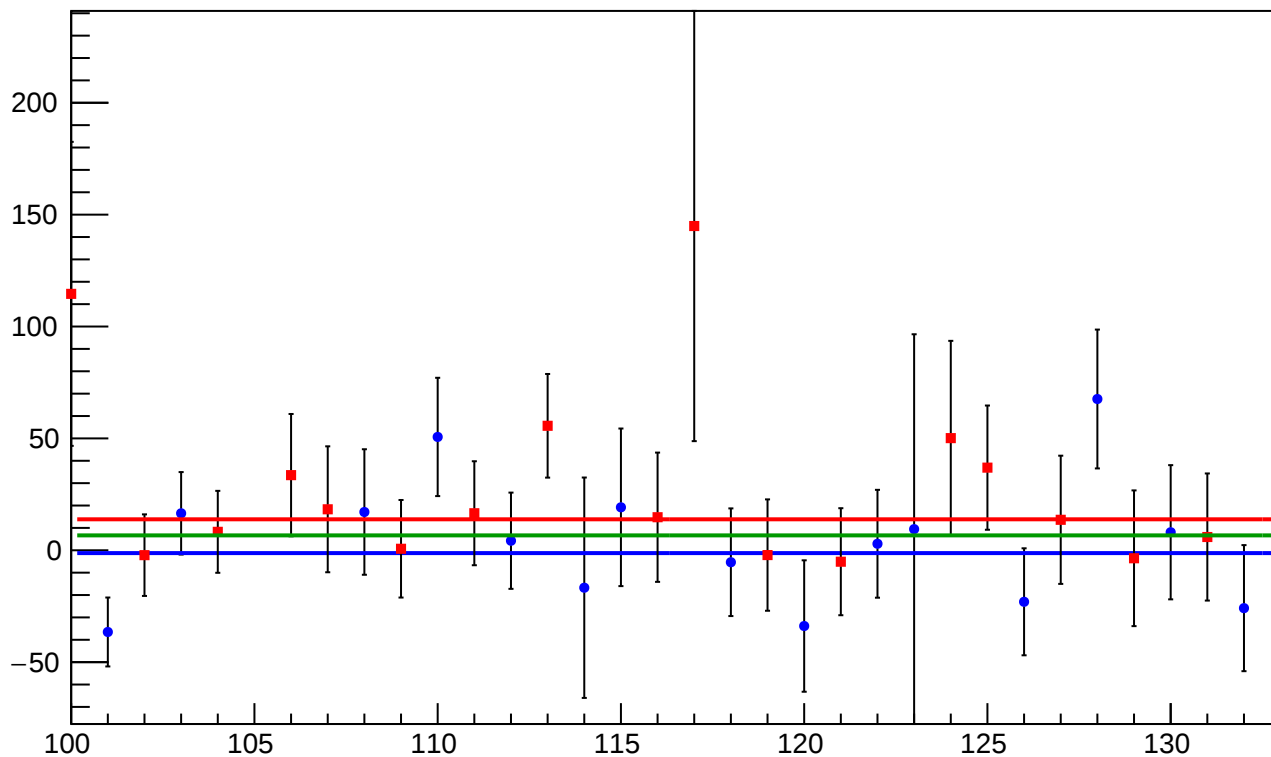


diff_bpm4aX_mean vs Slug, Sign Corrected



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: 13.843±/6.262

χ^2/NDF : 12.5/17

Left In: 0.000±/0.000

χ^2/NDF : 0.0/0

-1.258±/6.573

χ^2/NDF : 18.9/14

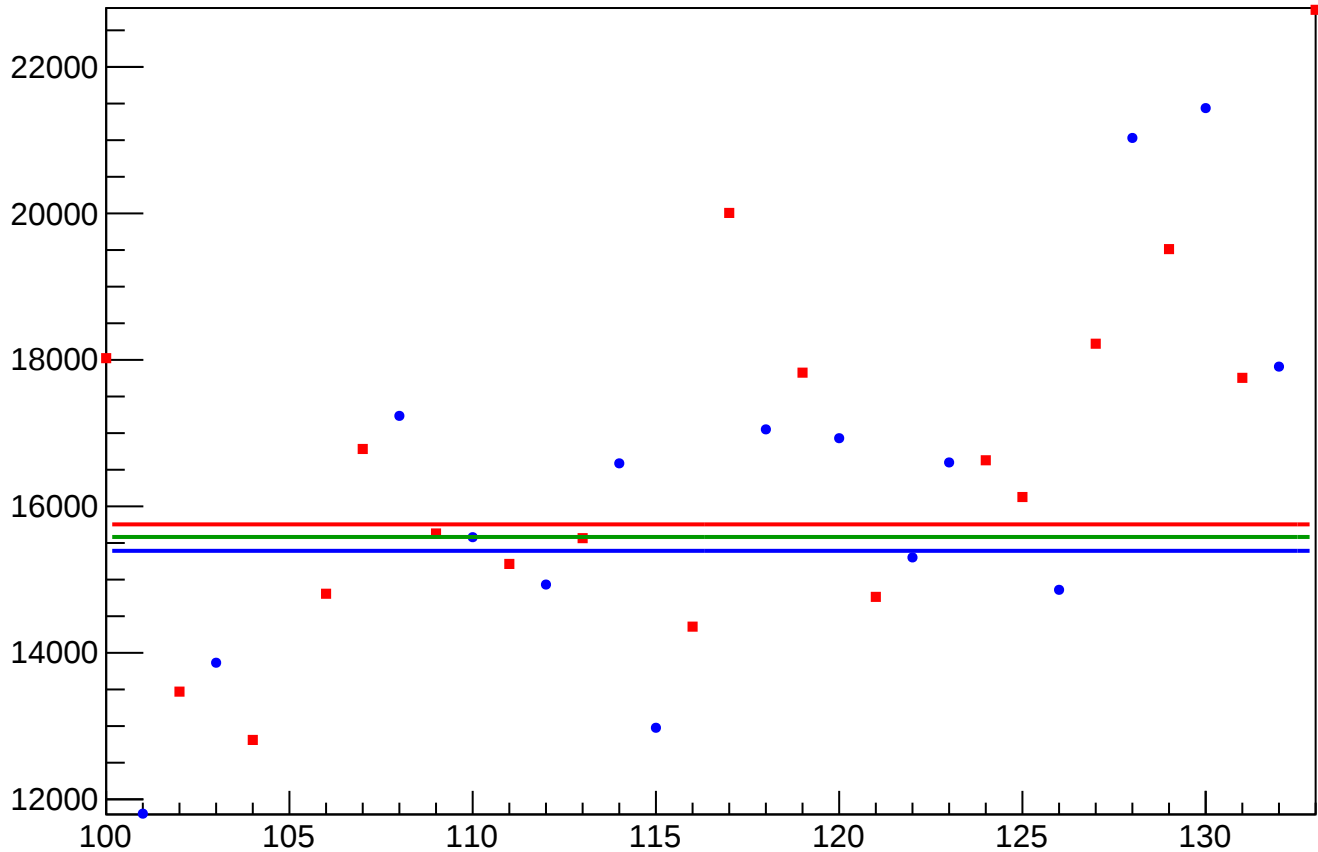
6.659±/4.534

χ^2/NDF : 34.1/32

13.843±/6.262

χ^2/NDF : 12.5/17

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: 15754.045+/-4.428 χ^2/NDF : 255919.2/17

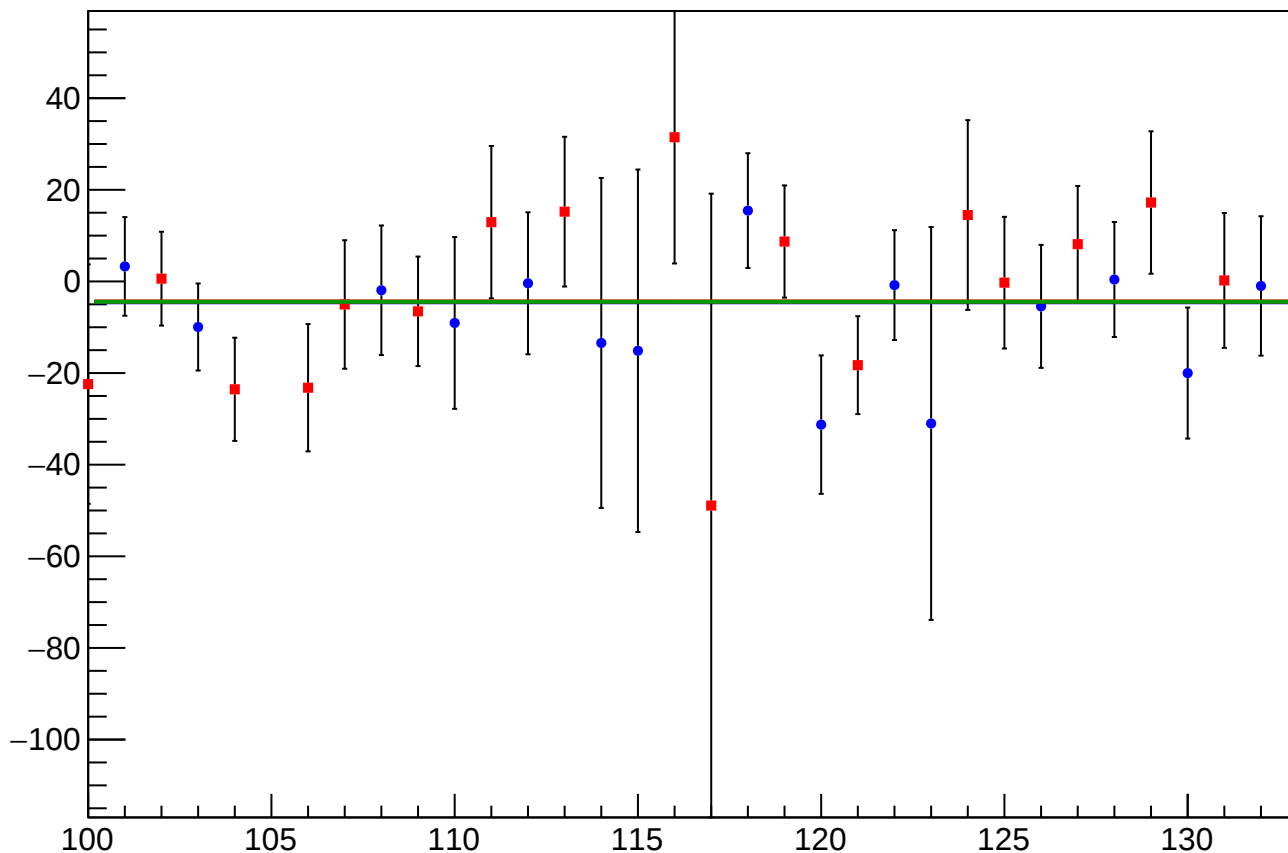
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

15582.196+/-3.206 χ^2/NDF : 581279.4/32

15754.045+/-4.428 χ^2/NDF : 255919.2/17

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: -4.365+/-3.294 χ^2 /NDF: 19.0/17

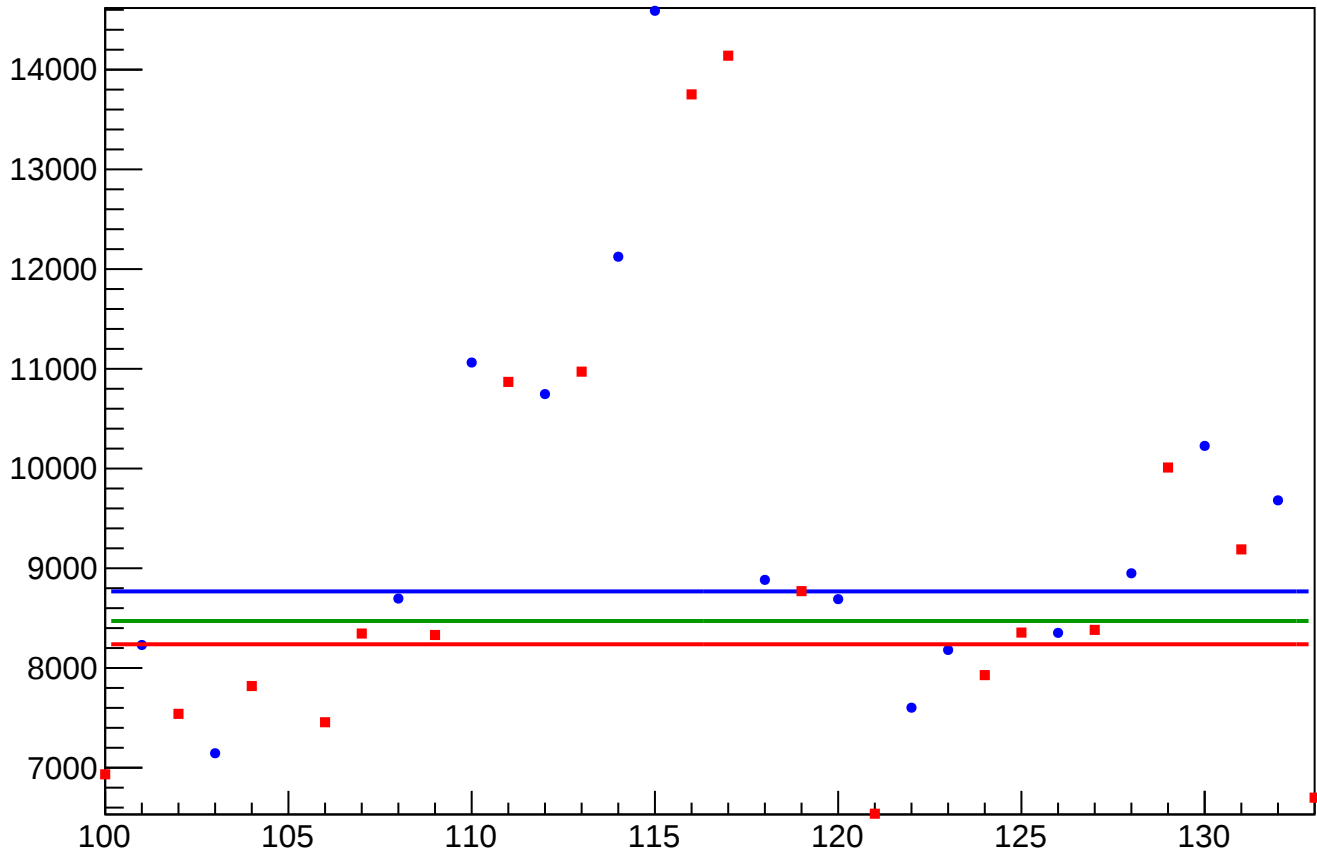
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.545+/-3.714 χ^2 /NDF: 8.7/14

-4.444+/-2.465 χ^2 /NDF: 27.7/32

-4.365+/-3.294 χ^2 /NDF: 19.0/17

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: 8237.869+/-2.329 χ^2/NDF : 359524.3/17

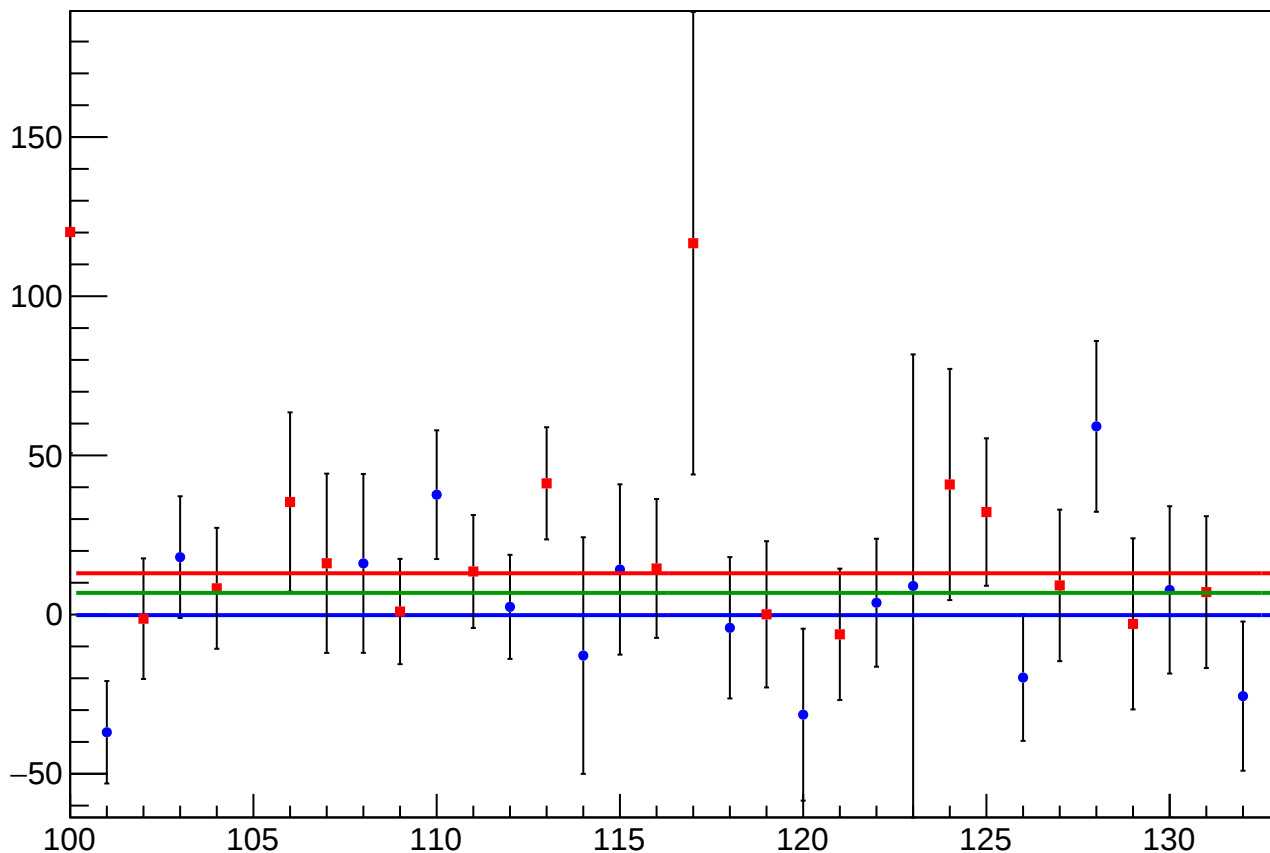
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

8471.269+/-1.743 χ^2/NDF : 618873.4/32

8237.869+/-2.329 χ^2/NDF : 359524.3/17

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: 12.979+/-5.470 χ^2/NDF : 12.2/17

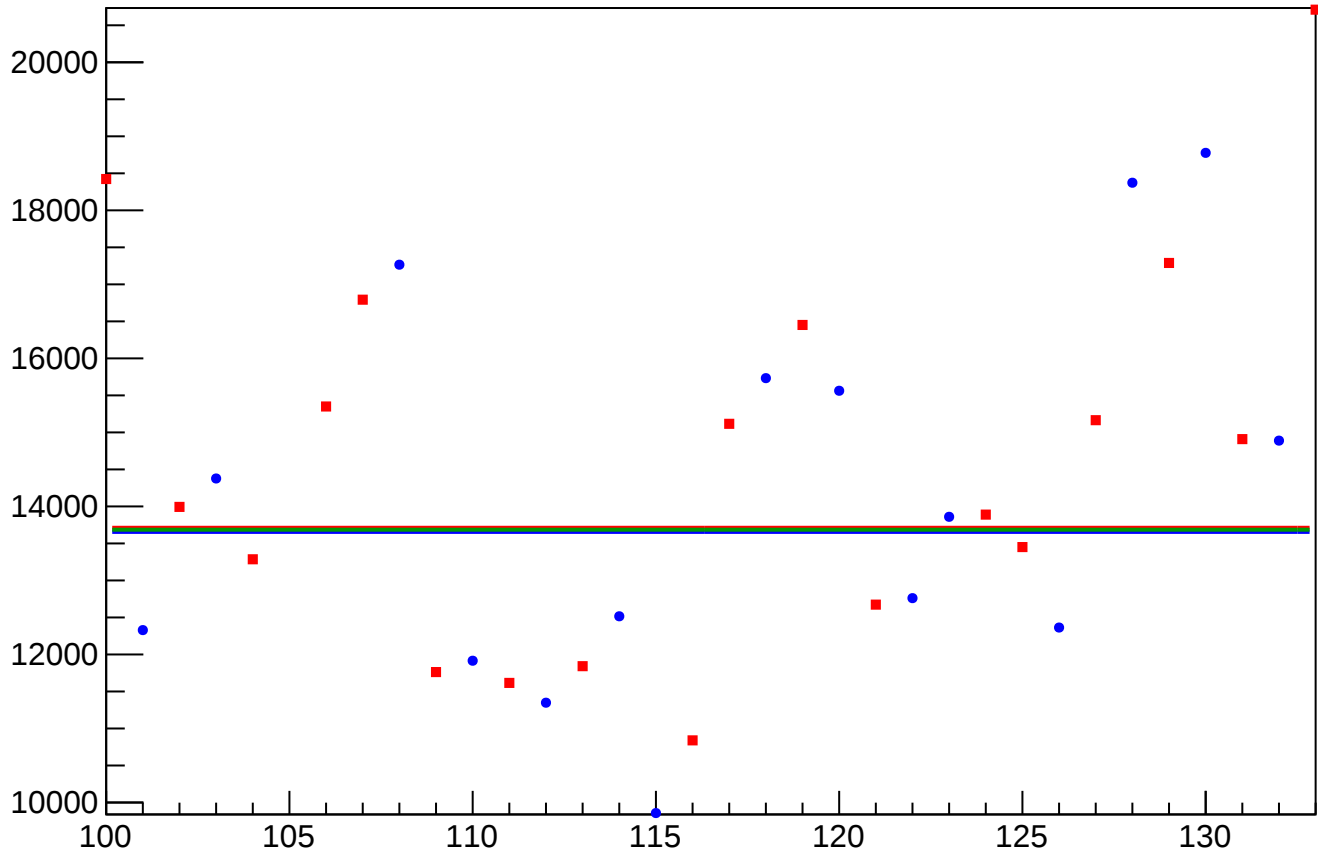
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.175+/-5.829 χ^2/NDF : 19.0/14

6.819+/-3.989 χ^2/NDF : 33.8/32

12.979+/-5.470 χ^2/NDF : 12.2/17

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: 13711.608+/-3.868 χ^2/NDF : 335000.1/17

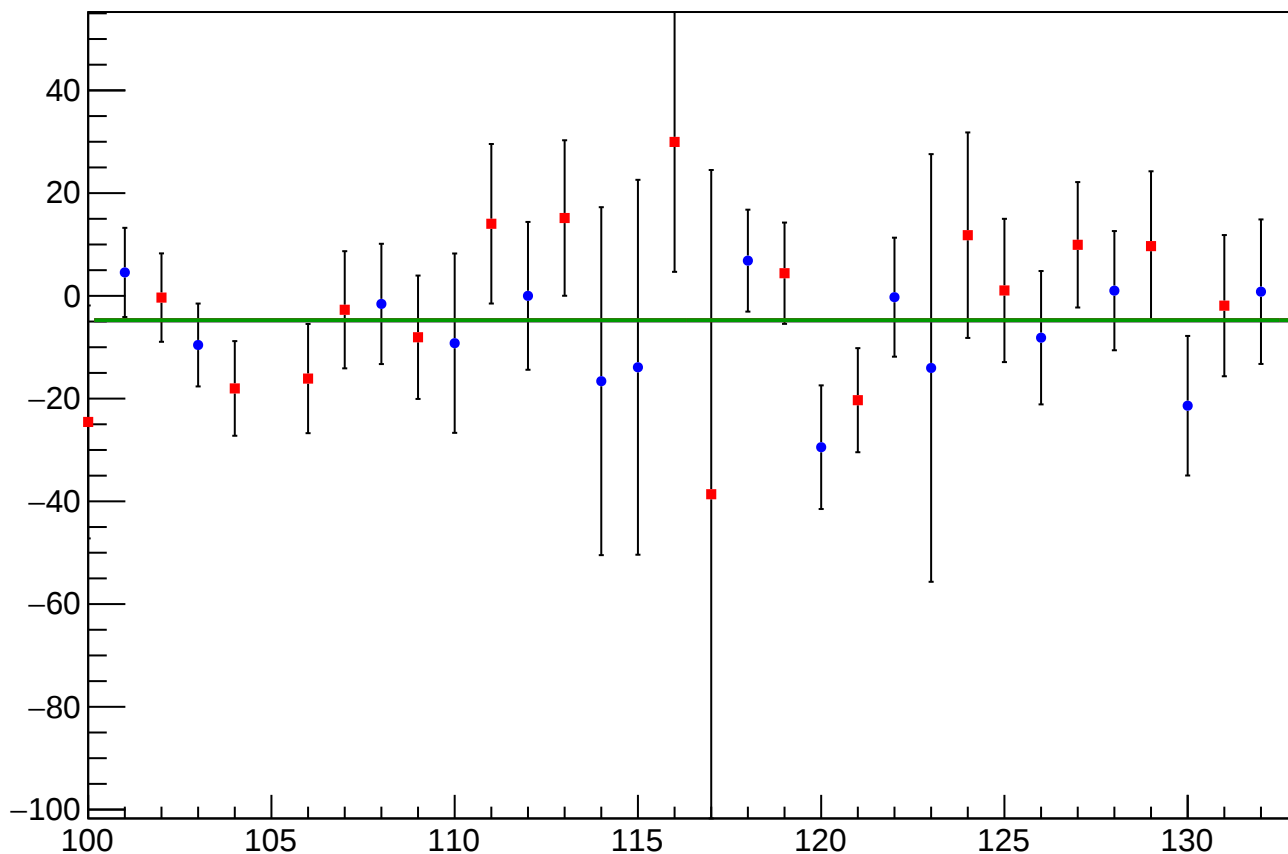
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13685.516+/-2.821 χ^2/NDF : 664684.6/32

13711.608+/-3.868 χ^2/NDF : 335000.1/17

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: -4.738+/-2.895 χ^2/NDF : 18.2/17

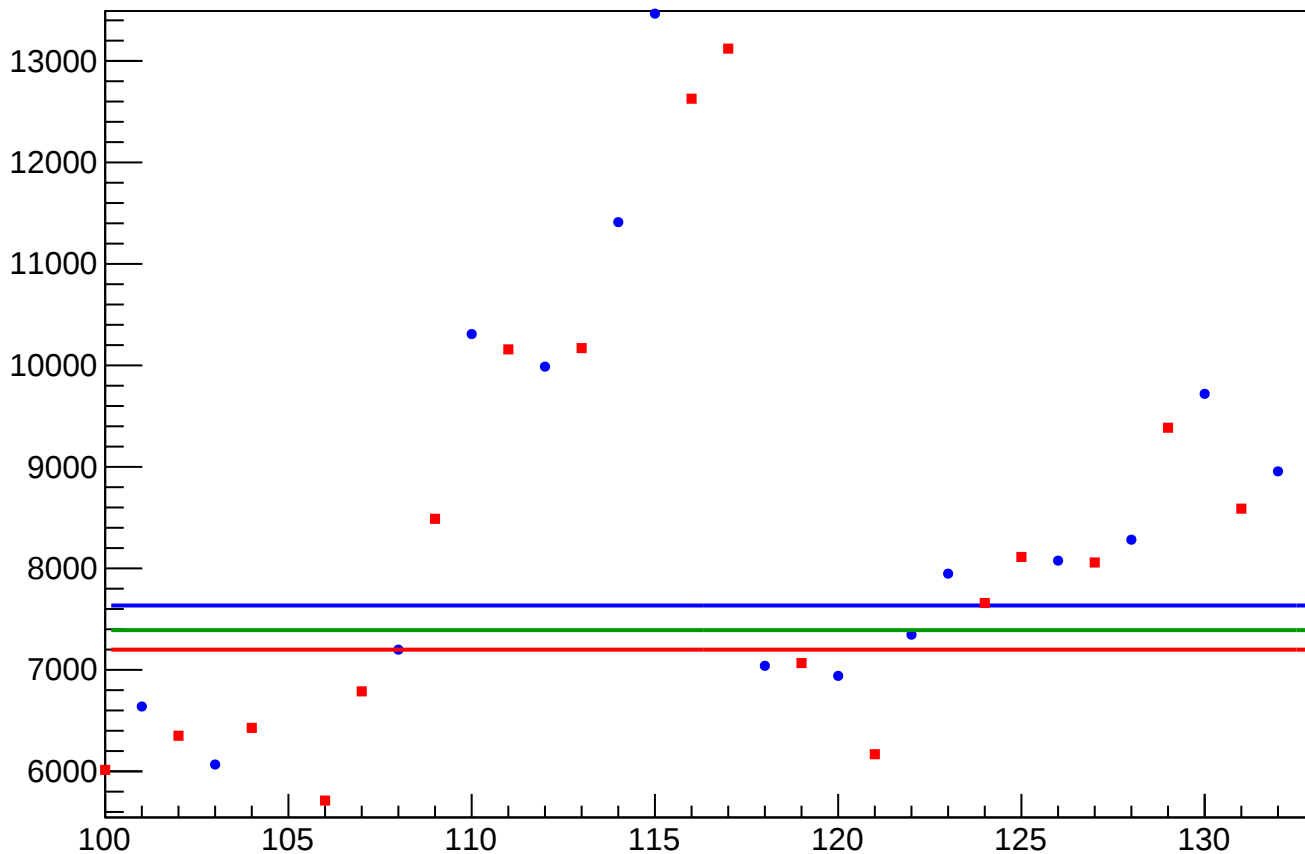
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.750+/-3.251 χ^2/NDF : 9.7/14

-4.743+/-2.162 χ^2/NDF : 27.8/32

-4.738+/-2.895 χ^2/NDF : 18.2/17

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: 7199.345+/-2.047 χ^2/NDF : 544457.1/17

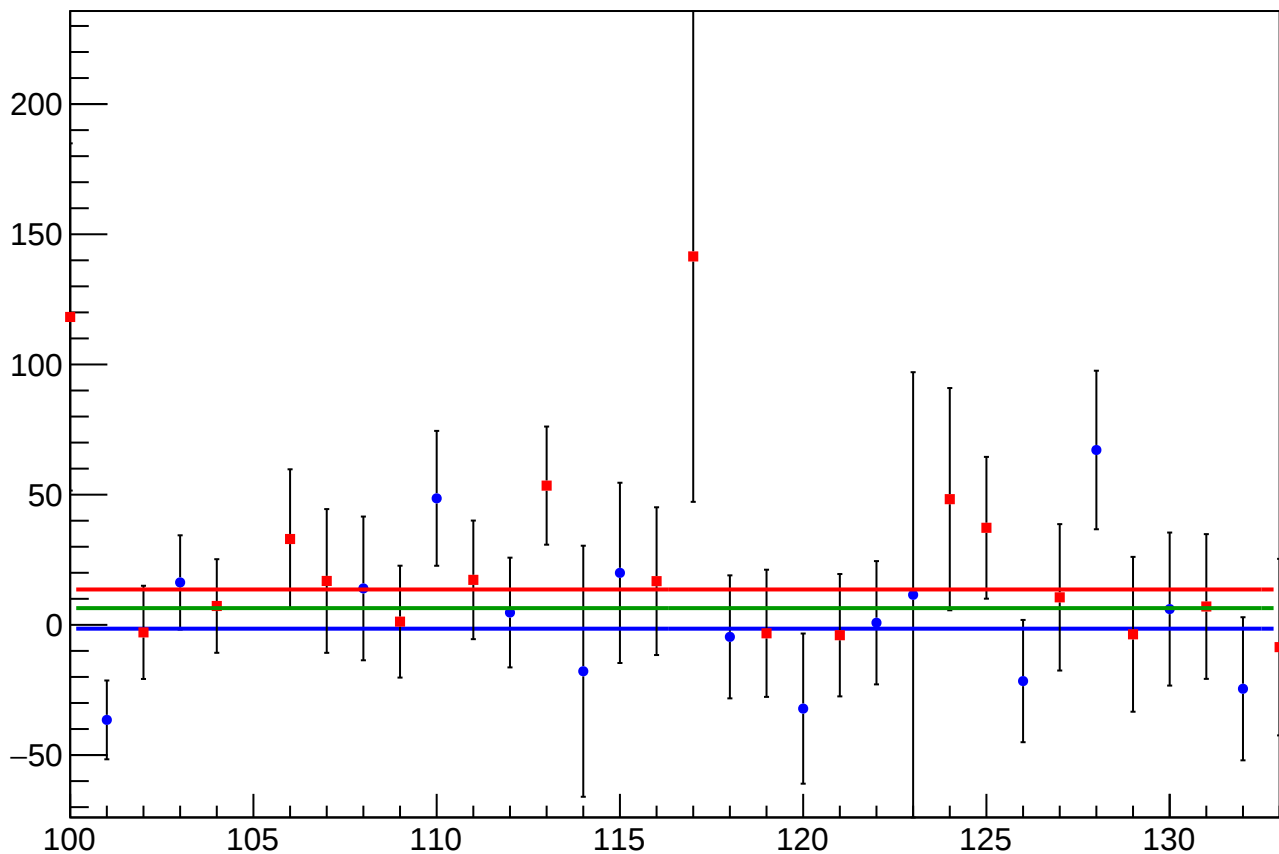
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7391.676+/-1.529 χ^2/NDF : 933842.5/32

7199.345+/-2.047 χ^2/NDF : 544457.1/17

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: 13.590+/-6.144 χ^2 /NDF: 12.6/17

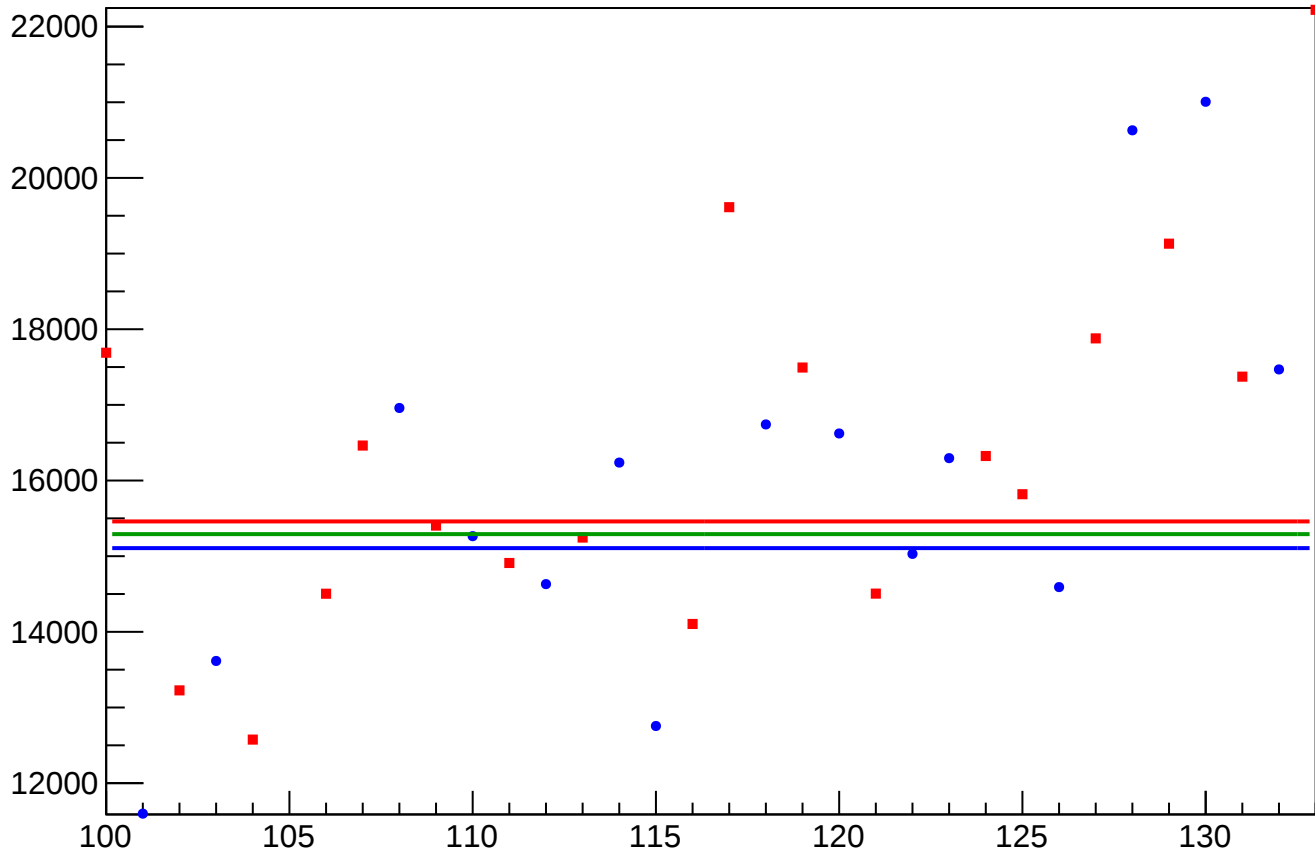
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.466+/-6.450 χ^2 /NDF: 18.7/14

6.428+/-4.449 χ^2 /NDF: 34.1/32

13.590+/-6.144 χ^2 /NDF: 12.6/17

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: 15459.411+/-4.345 χ^2/NDF : 252545.3/17

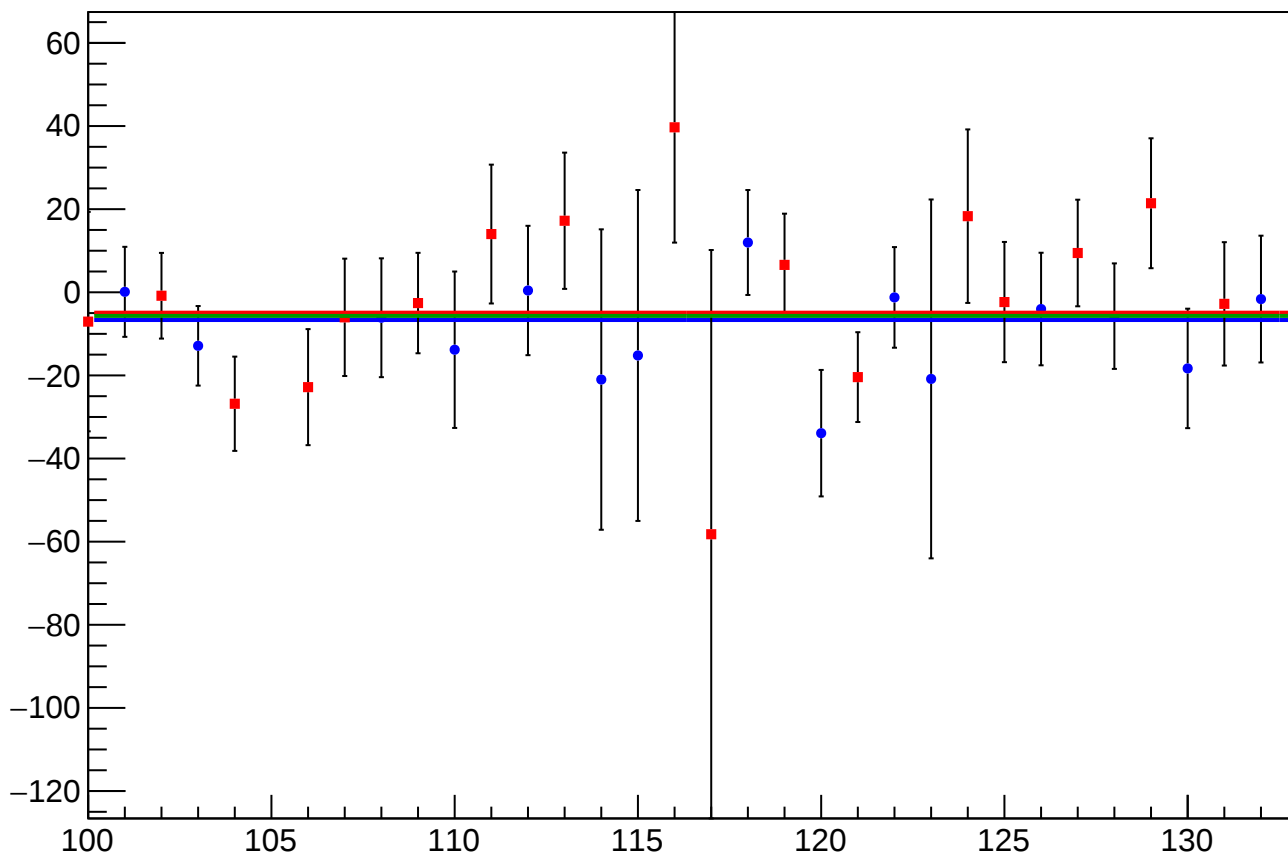
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

15291.616+/-3.146 χ^2/NDF : 574982.3/32

15459.411+/-4.345 χ^2/NDF : 252545.3/17

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.672 $\pm$ 3.742 χ^2 /NDF: 7.9/14

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

Right Out: -4.904 $\pm$ 3.319 χ^2 /NDF: 24.1/17

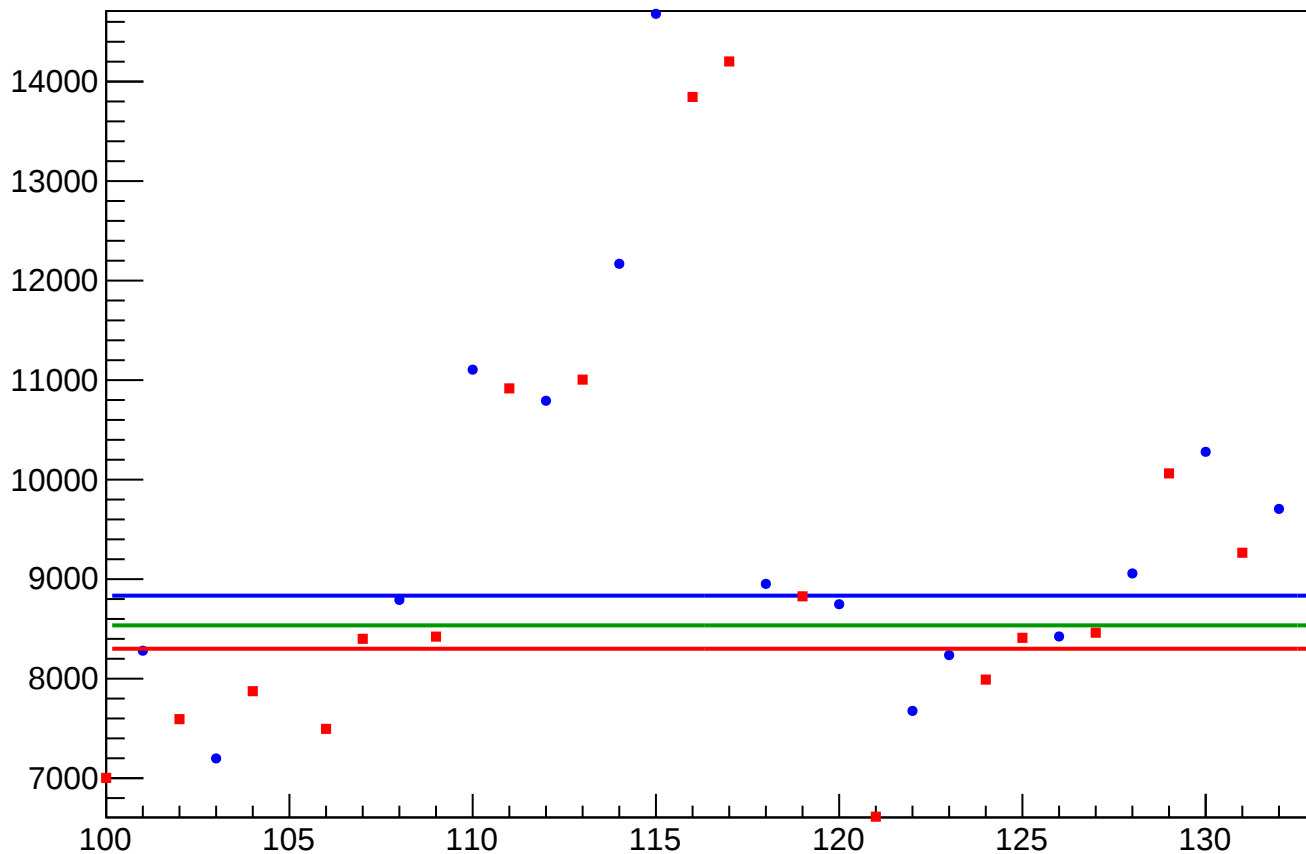
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-6.672 $\pm$ 3.742 χ^2 /NDF: 7.9/14

-5.682 $\pm$ 2.483 χ^2 /NDF: 32.1/32

-4.904 $\pm$ 3.319 χ^2 /NDF: 24.1/17

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8834.158+/-2.646 χ^2/NDF : 232755.7/14

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

Right Out: 8300.765+/-2.347 χ^2/NDF : 355150.2/17

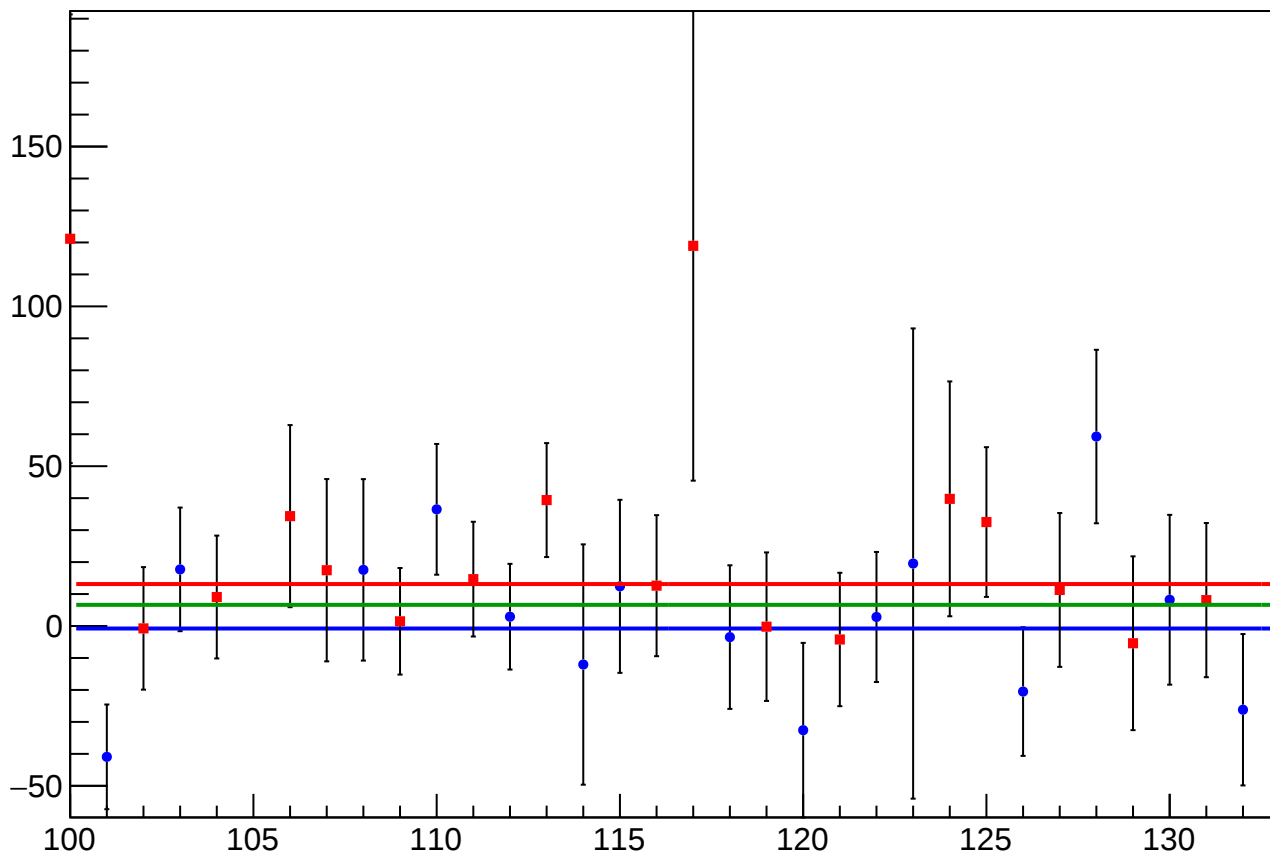
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8834.158+/-2.646 χ^2/NDF : 232755.7/14

8535.624+/-1.756 χ^2/NDF : 610655.8/32

8300.765+/-2.347 χ^2/NDF : 355150.2/17

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: 13.127+/-5.532 χ^2/NDF : 11.5/17

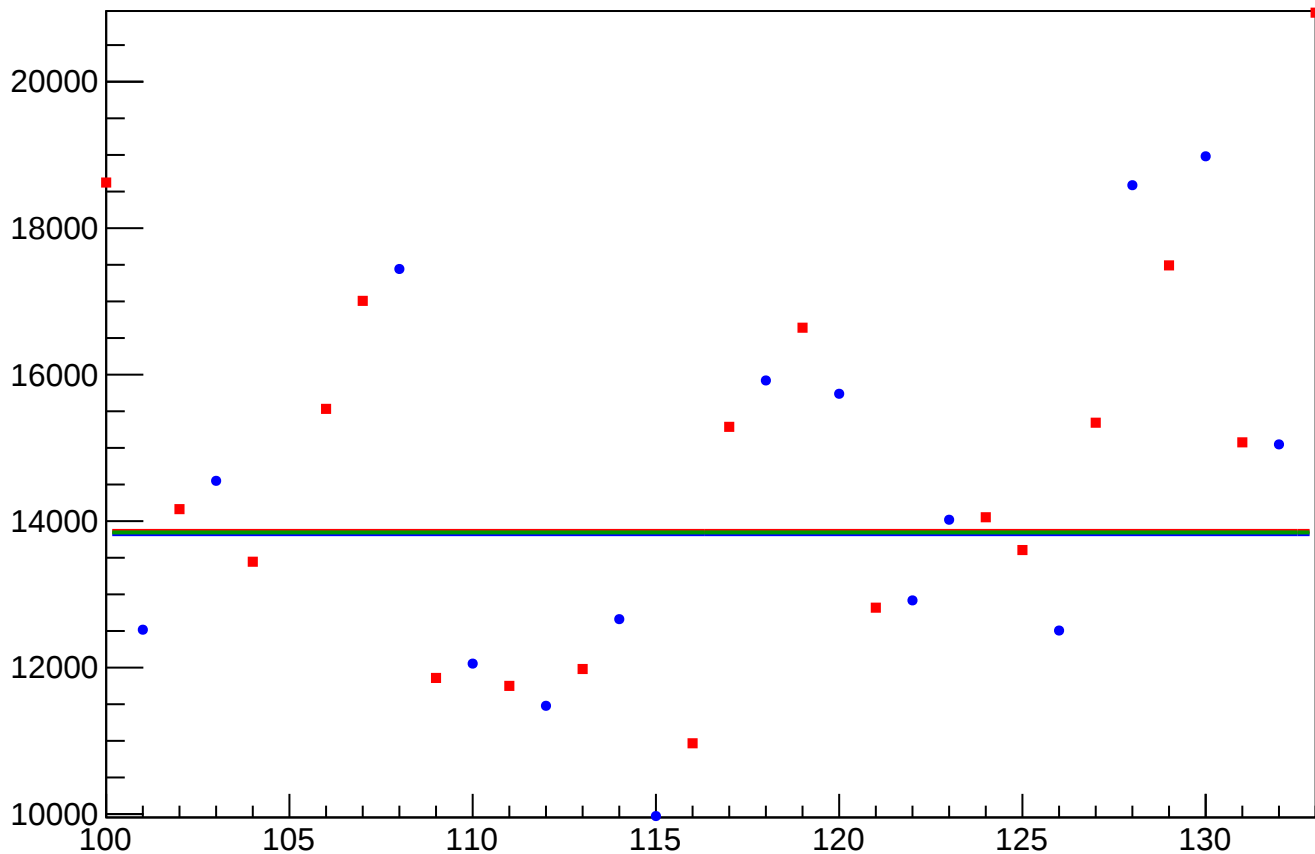
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.781+/-5.901 χ^2/NDF : 19.6/14

6.621+/-4.036 χ^2/NDF : 34.1/32

13.127+/-5.532 χ^2/NDF : 11.5/17

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13822.204+/-4.173 χ^2/NDF : 327822.0/14

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

Right Out: 13866.425+/-3.912 χ^2/NDF : 336330.7/17

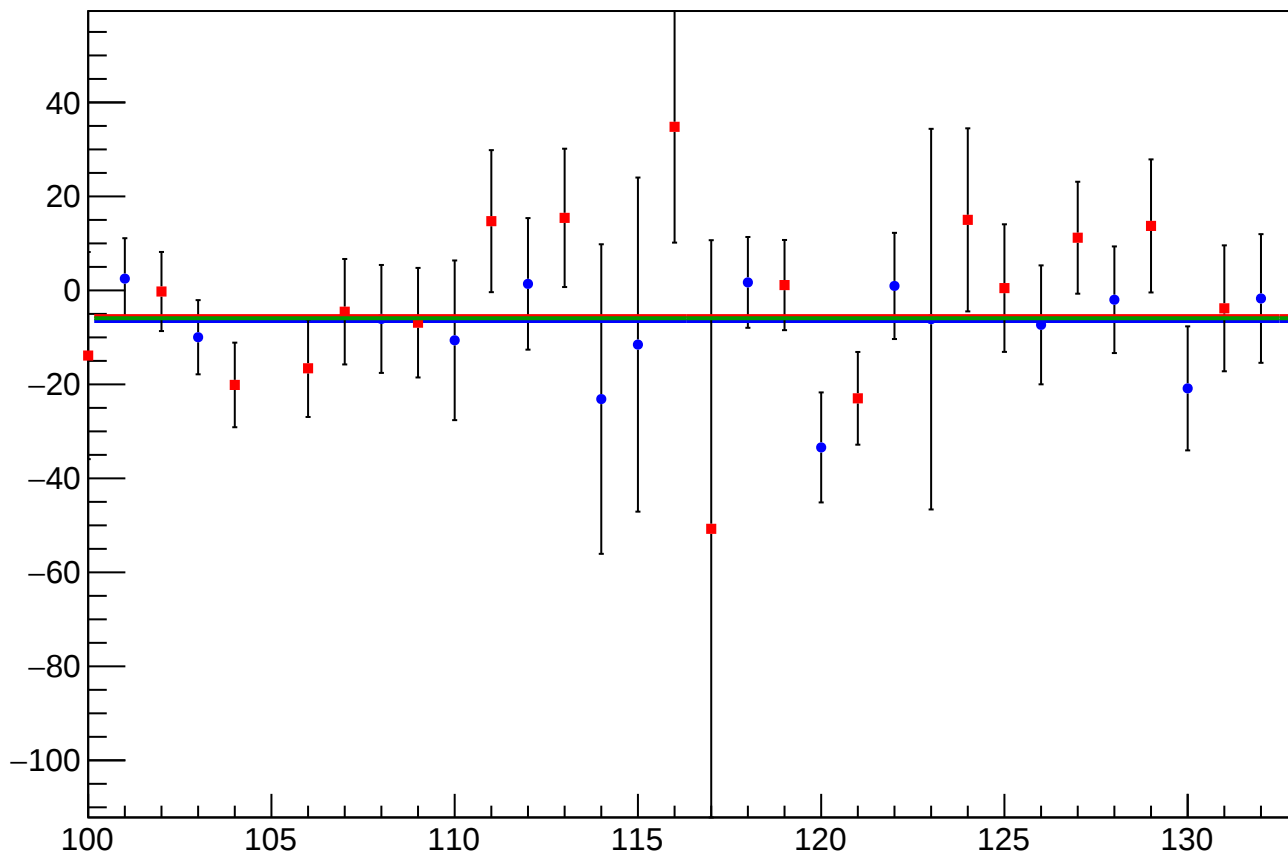
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13822.204+/-4.173 χ^2/NDF : 327822.0/14

13845.739+/-2.854 χ^2/NDF : 664212.5/32

13866.425+/-3.912 χ^2/NDF : 336330.7/17

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: -5.469+/-2.824 χ^2 /NDF: 23.1/17

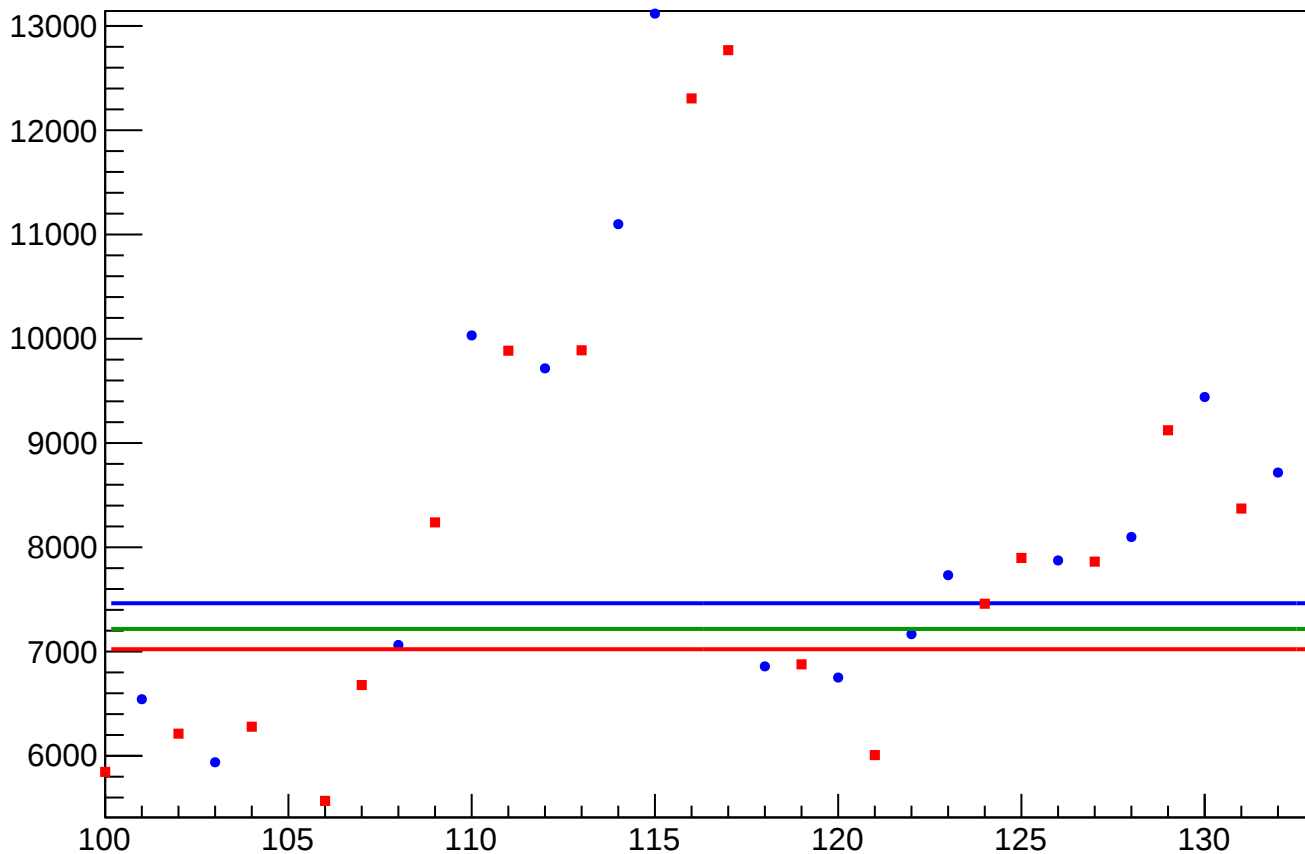
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.511+/-3.179 χ^2 /NDF: 9.8/14

-5.929+/-2.111 χ^2 /NDF: 33.0/32

-5.469+/-2.824 χ^2 /NDF: 23.1/17

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: 7022.544 $\pm$ 1.997 χ^2 /NDF: 538549.8/17

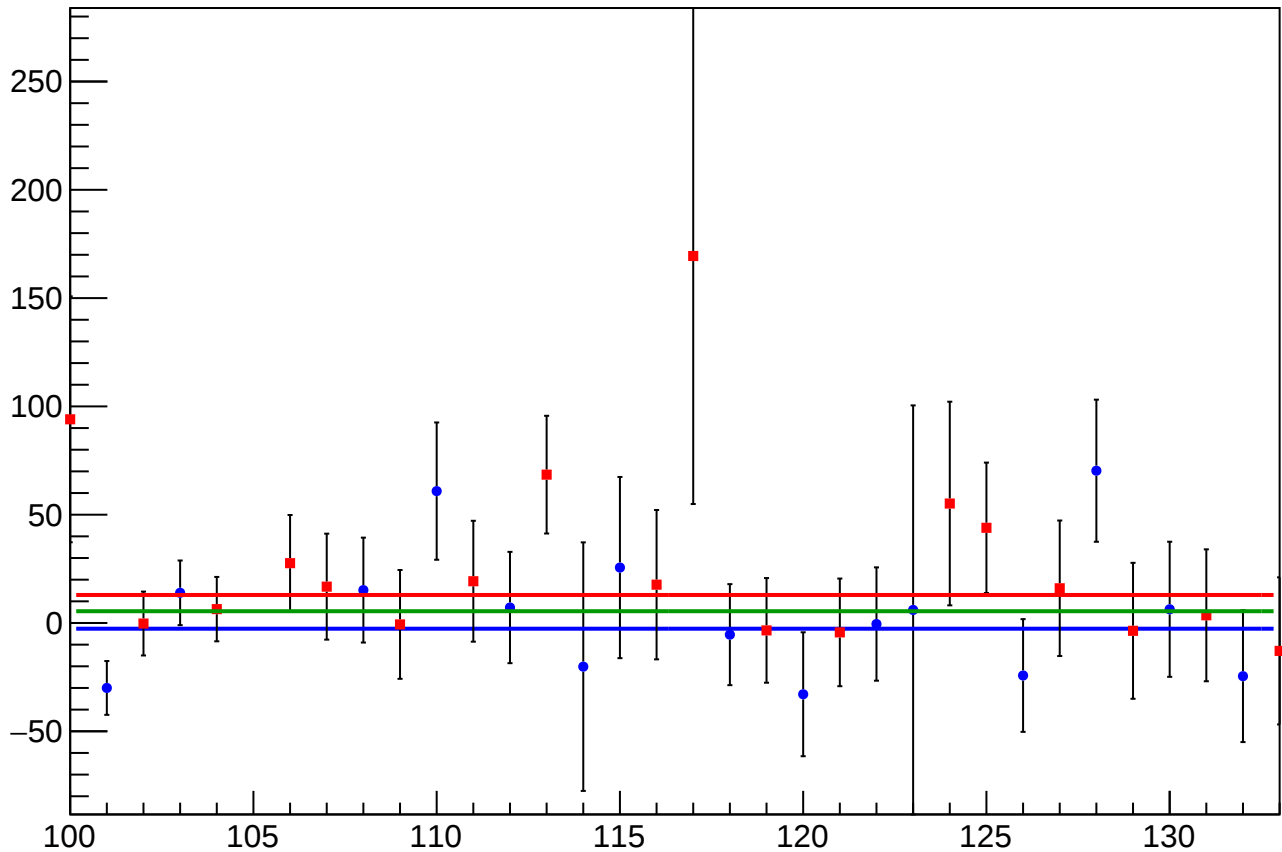
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

7216.940 $\pm$ 1.493 χ^2 /NDF: 919278.4/32

7022.544 $\pm$ 1.997 χ^2 /NDF: 538549.8/17

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: 12.938±/-6.070 χ^2 /NDF: 13.7/17

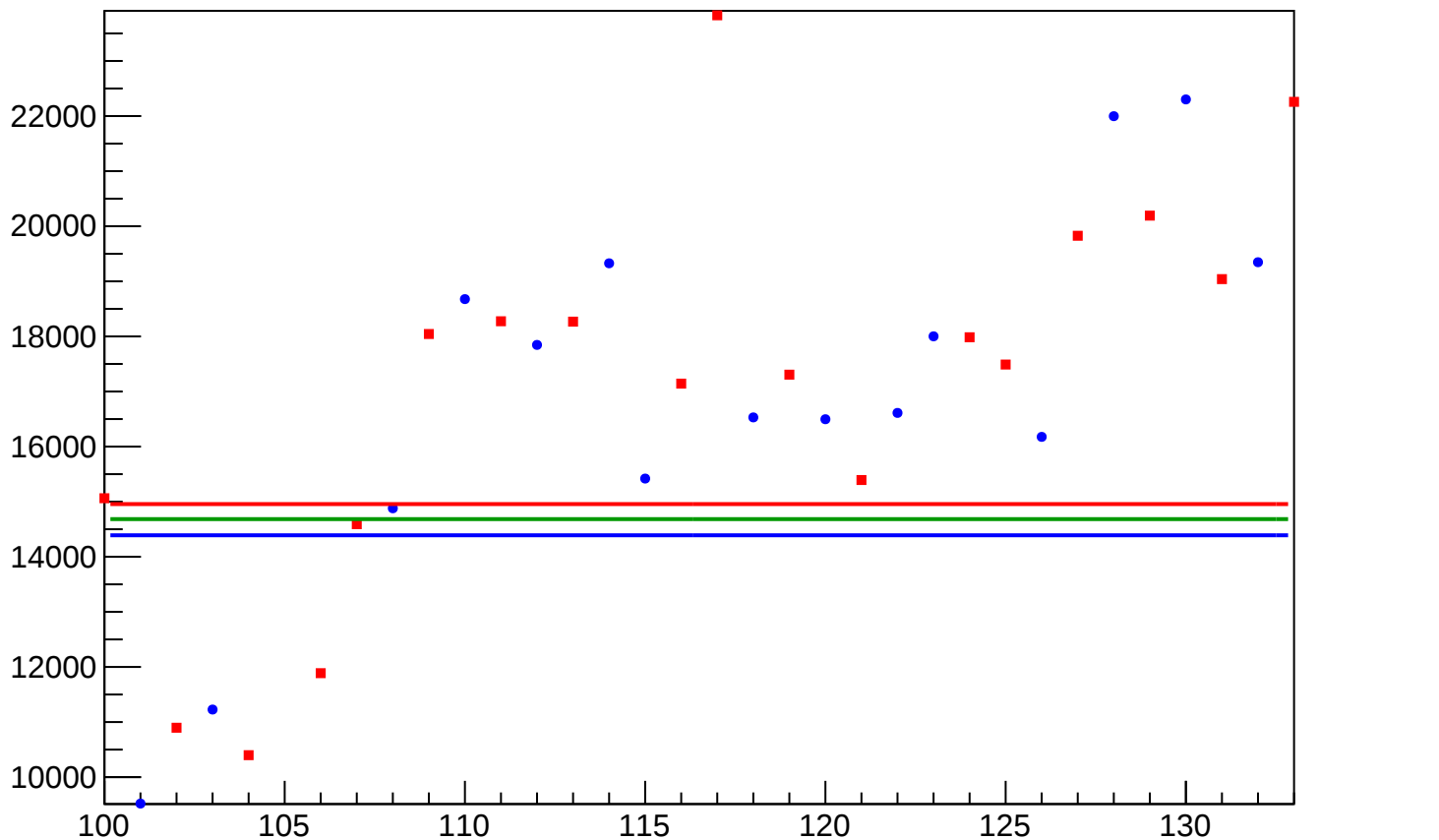
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

-2.642±/-6.298 χ^2 /NDF: 18.7/14

5.434±/-4.371 χ^2 /NDF: 35.6/32

12.938±/-6.070 χ^2 /NDF: 13.7/17

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14390.261+/-4.453 χ^2/NDF : 830692.8/14

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

Right Out: 14956.540+/-4.292 χ^2/NDF : 760933.6/17

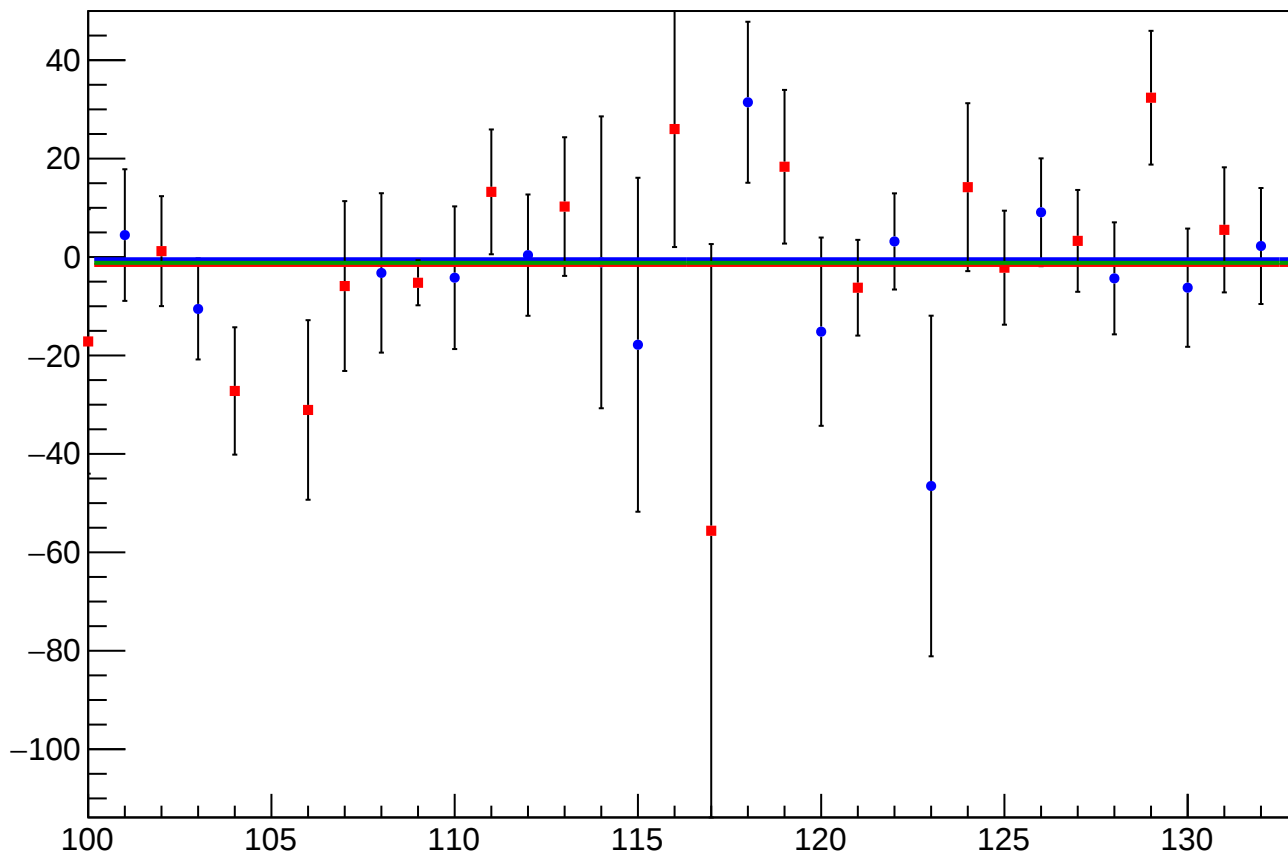
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14390.261+/-4.453 χ^2/NDF : 830692.8/14

14683.821+/-3.091 χ^2/NDF : 1600008.2/3

14956.540+/-4.292 χ^2/NDF : 760933.6/17

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: -1.609+/-2.723 χ^2/NDF : 23.7/17

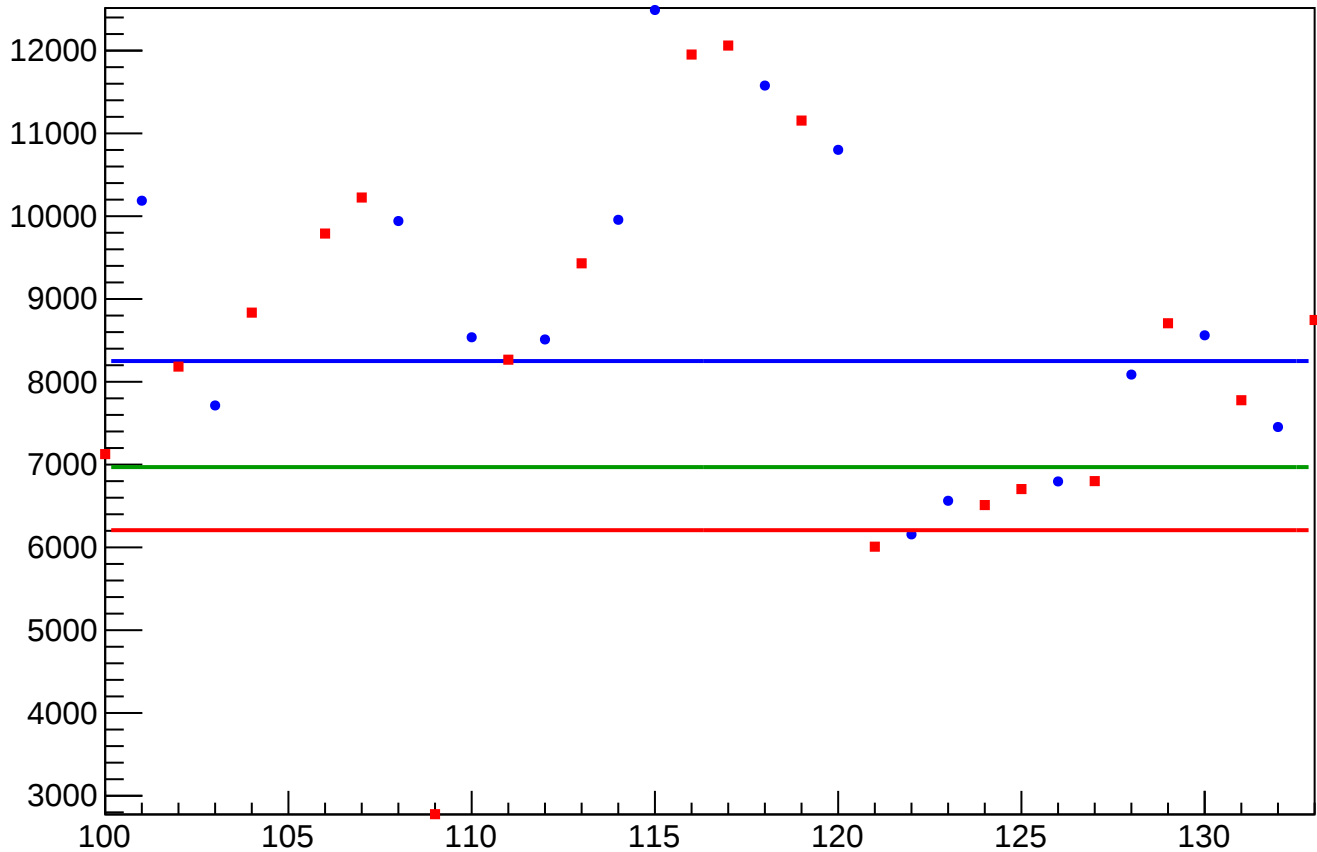
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.447+/-3.531 χ^2/NDF : 8.9/14

-1.175+/-2.156 χ^2/NDF : 32.7/32

-1.609+/-2.723 χ^2/NDF : 23.7/17

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: 6207.859+/-1.926 χ^2/NDF : 2130963.7/17

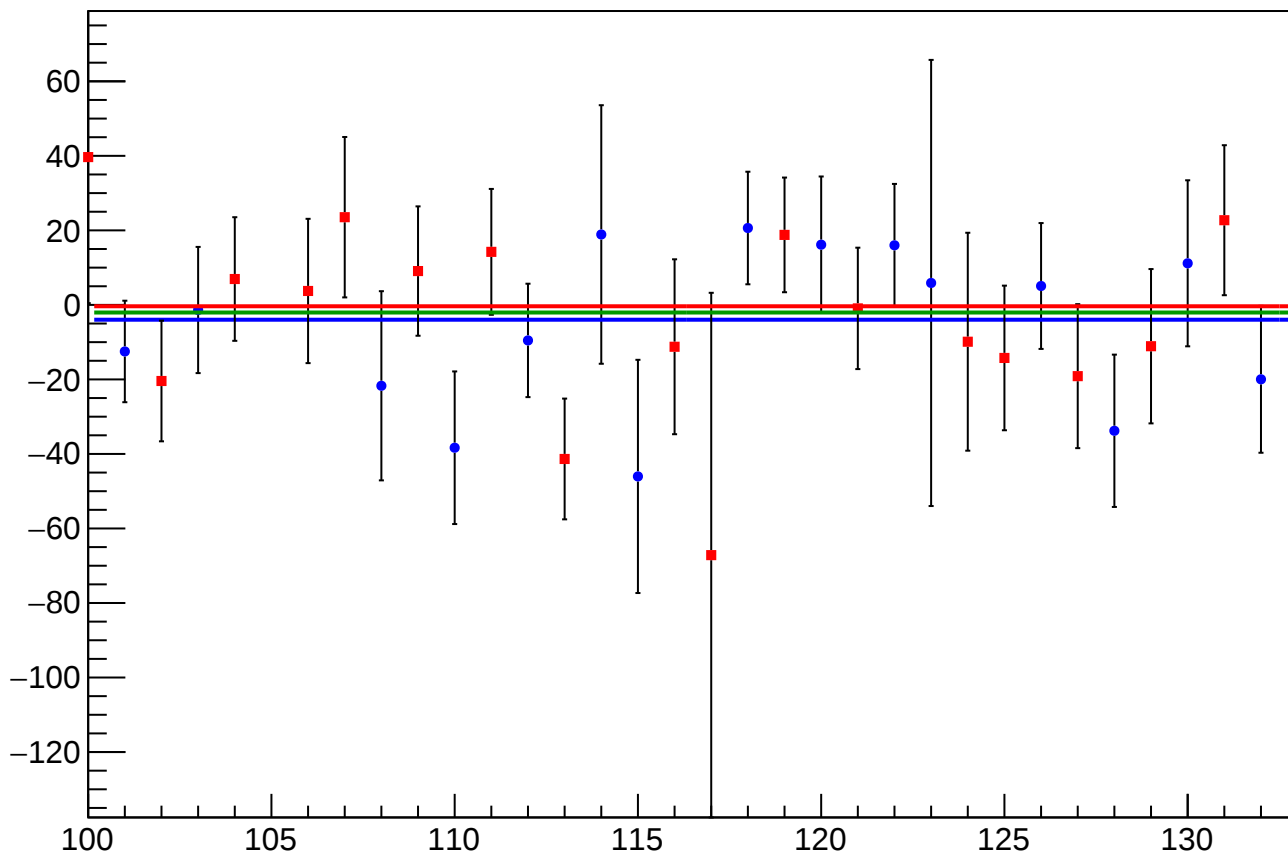
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6969.806+/-1.525 χ^2/NDF : 2920507.6/32

6207.859+/-1.926 χ^2/NDF : 2130963.7/17

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: -0.369+/-4.607 χ^2 /NDF: 18.7/17

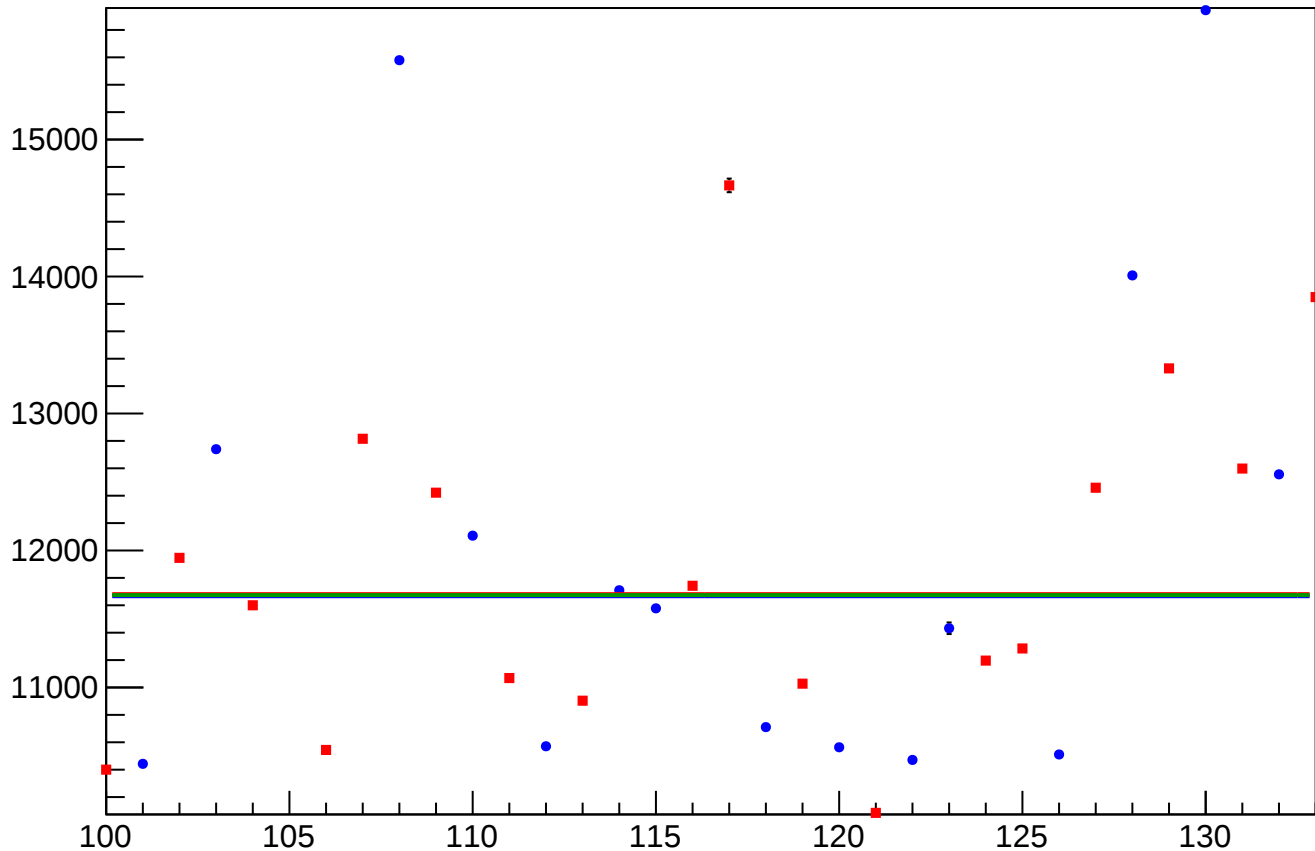
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.980+/-4.950 χ^2 /NDF: 15.0/14

-2.045+/-3.373 χ^2 /NDF: 33.9/32

-0.369+/-4.607 χ^2 /NDF: 18.7/17

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: 11681.406+/-3.258 χ^2/NDF : 94974.0/17

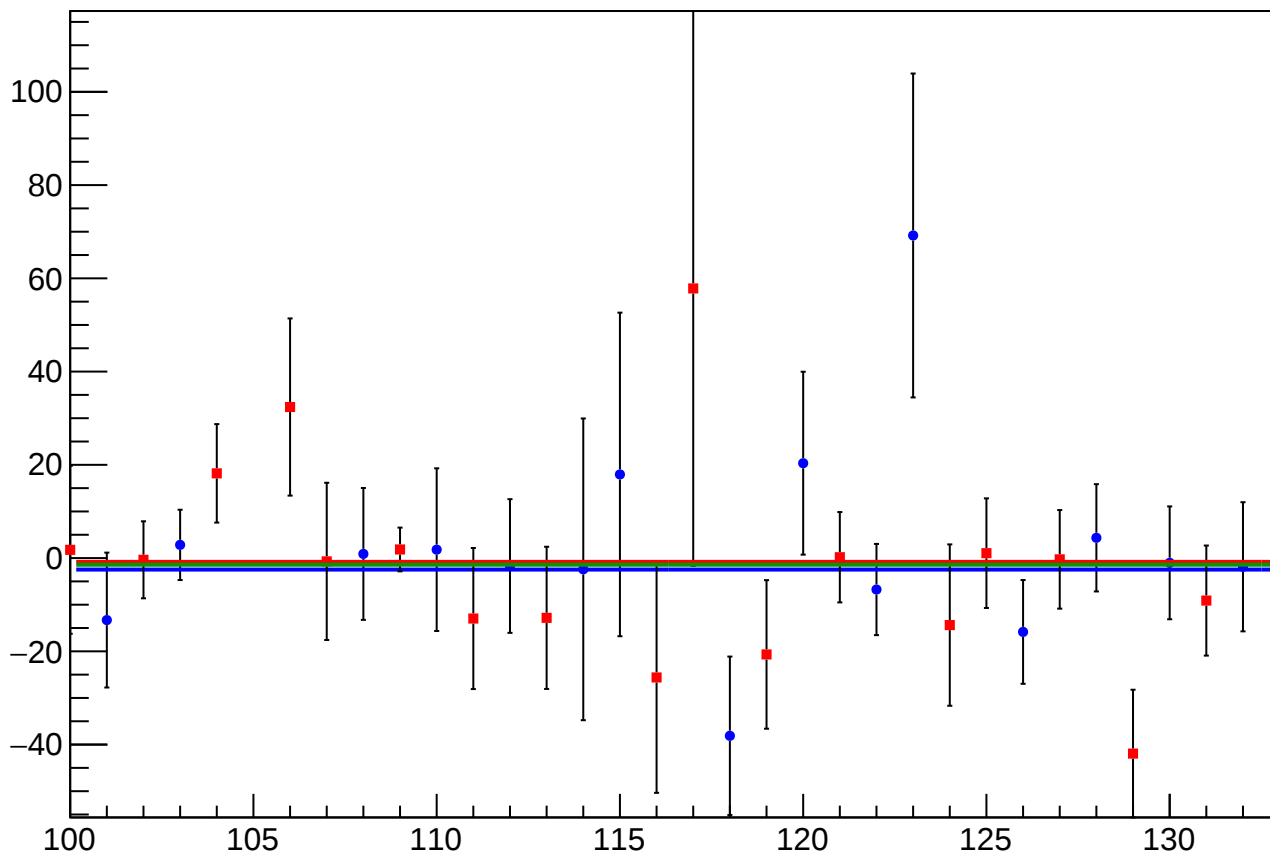
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

11674.405+/-2.385 χ^2/NDF : 317254.3/32

11681.406+/-3.258 χ^2/NDF : 94974.0/17

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: -0.812+/-2.665 χ^2 /NDF: 23.7/17

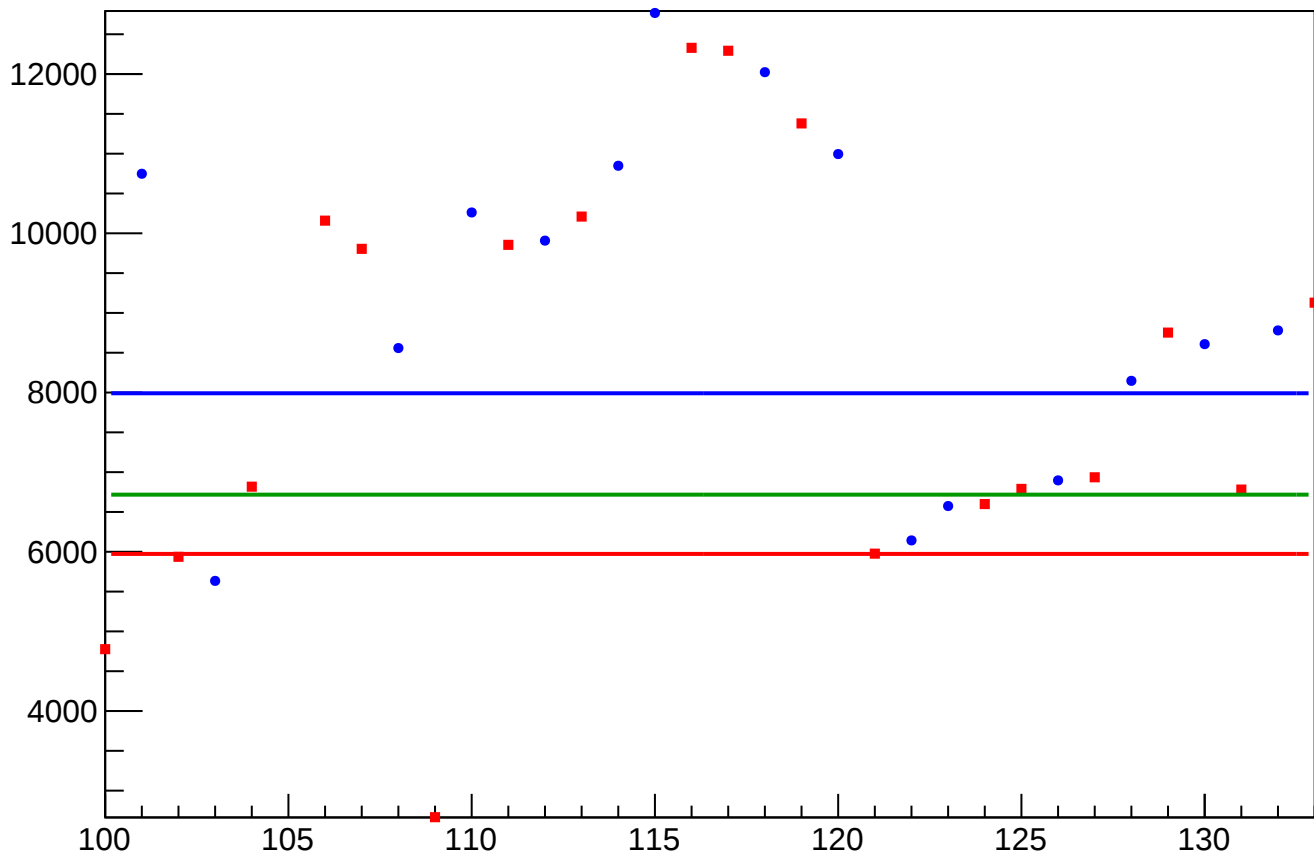
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.465+/-3.485 χ^2 /NDF: 13.5/14

-1.422+/-2.117 χ^2 /NDF: 37.4/32

-0.812+/-2.665 χ^2 /NDF: 23.7/17

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7990.849 $\pm$ 2.465 χ^2 /NDF: 660035.0/14

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

Right Out: 5973.062 $\pm$ 1.884 χ^2 /NDF: 2110442.4/17

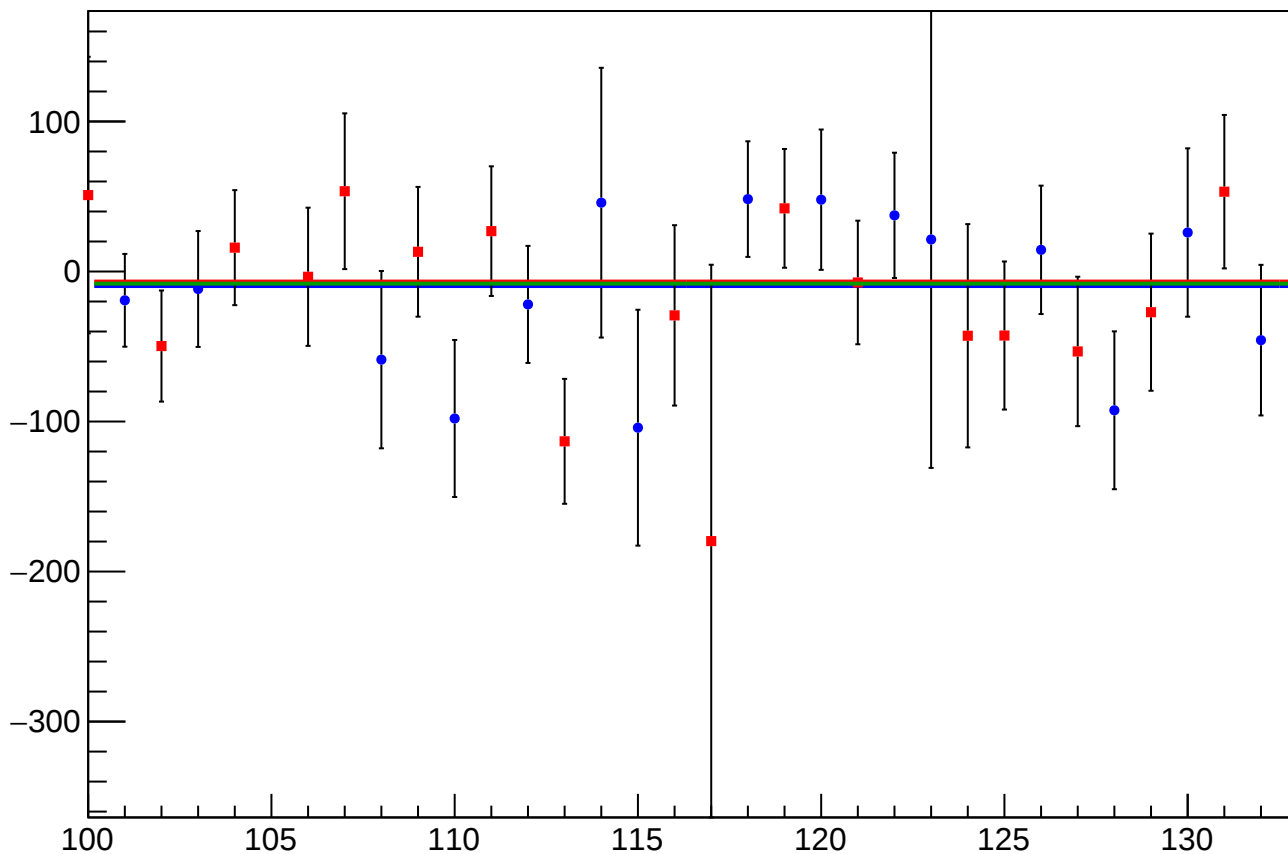
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7990.849 $\pm$ 2.465 χ^2 /NDF: 660035.0/14

6717.466 $\pm$ 1.497 χ^2 /NDF: 3193496.7/32

5973.062 $\pm$ 1.884 χ^2 /NDF: 2110442.4/17

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: -6.711+/-11.441 χ^2/NDF : 18.1/17

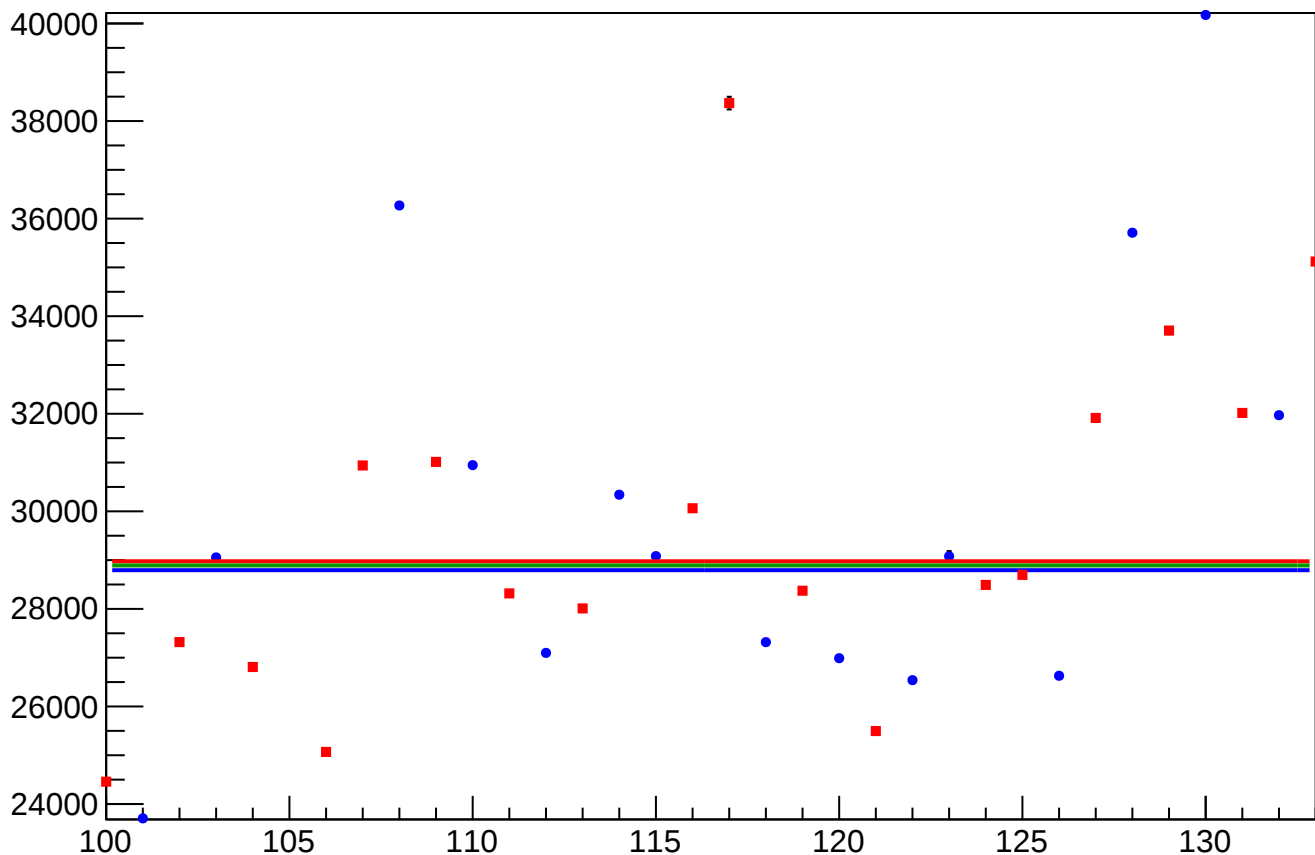
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.684+/-12.236 χ^2/NDF : 14.4/14

-8.097+/-8.357 χ^2/NDF : 32.5/32

-6.711+/-11.441 χ^2/NDF : 18.1/17

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: 28976.045+/-8.090 χ^2/NDF : 115797.9/17

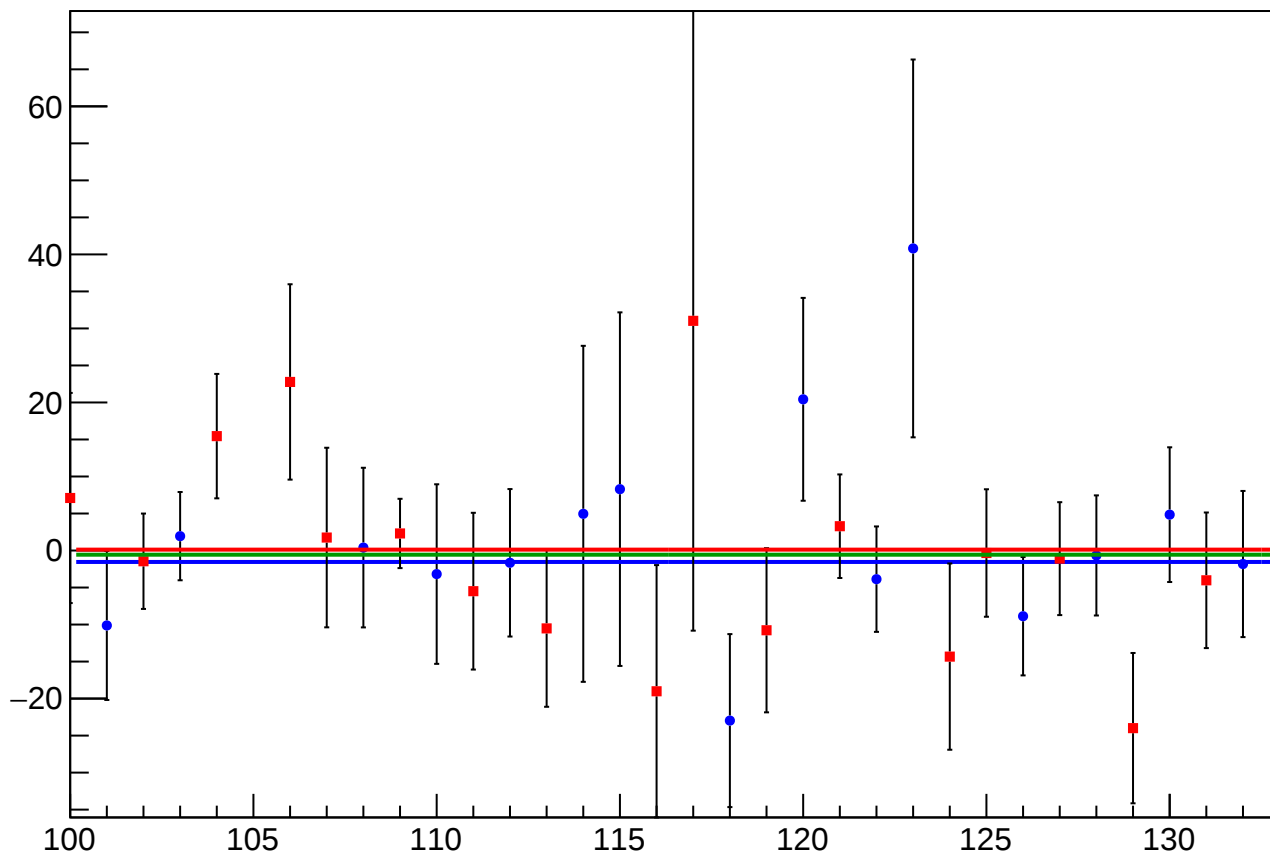
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

28890.758+/-5.909 χ^2/NDF : 351689.4/32

28976.045+/-8.090 χ^2/NDF : 115797.9/17

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: 0.121+/-2.128 χ^2/NDF : 20.8/17

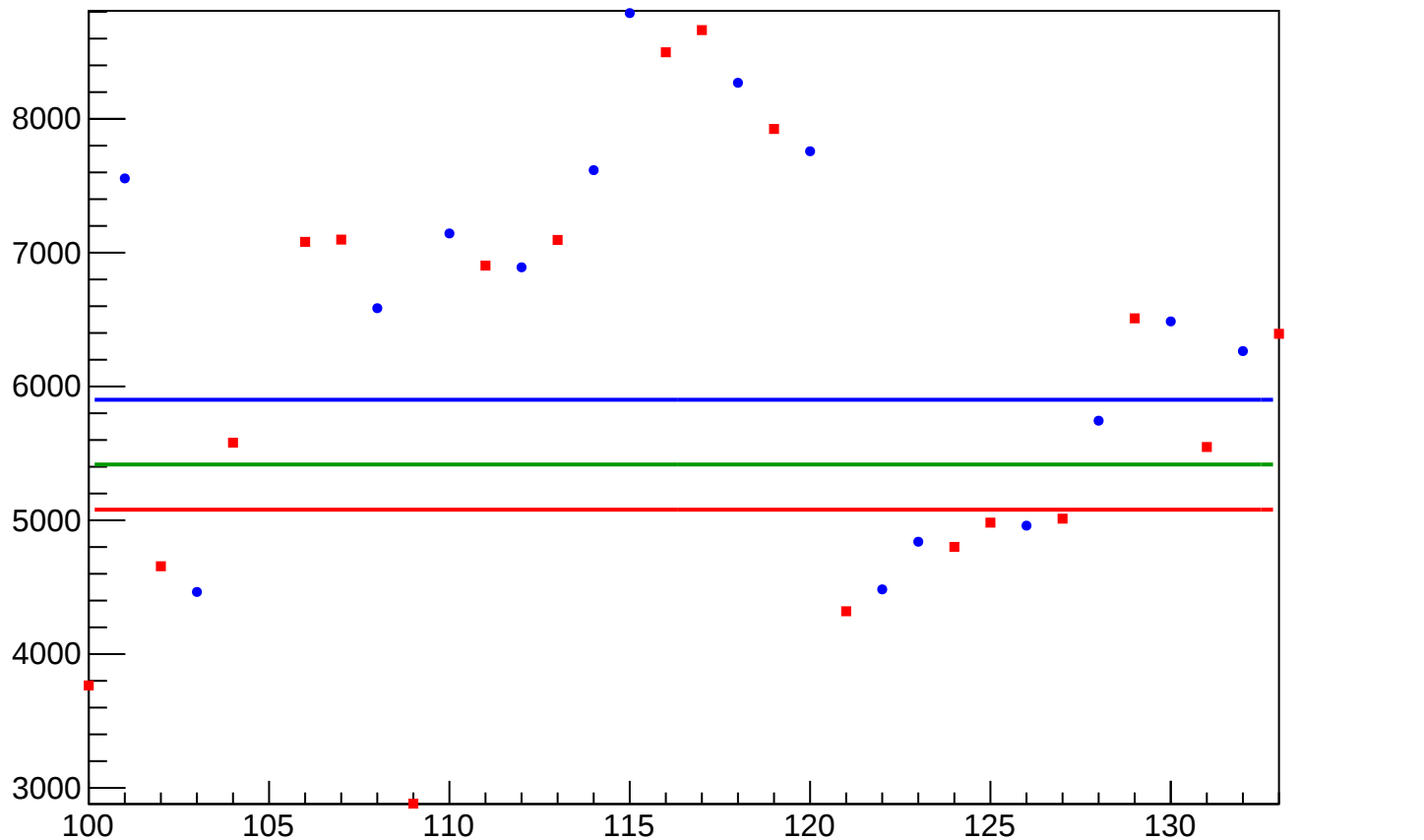
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.544+/-2.546 χ^2/NDF : 11.5/14

-0.564+/-1.633 χ^2/NDF : 32.6/32

0.121+/-2.128 χ^2/NDF : 20.8/17

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: 5079.141+/-1.504 χ^2/NDF : 1039618.3/17

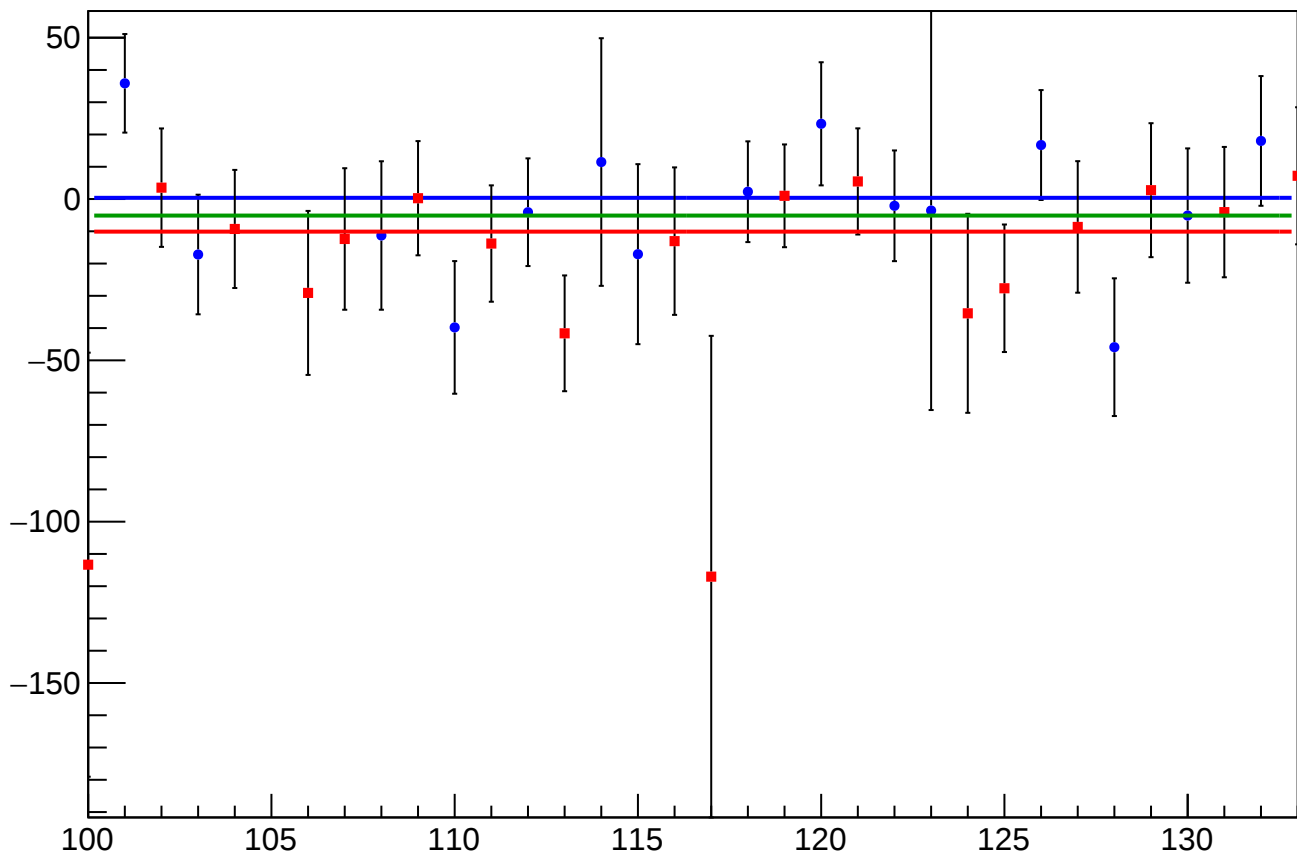
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

5417.002+/-1.154 χ^2/NDF : 1663063.7/32

5079.141+/-1.504 χ^2/NDF : 1039618.3/17

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: -10.105+/-4.884 χ^2/NDF : 13.1/17

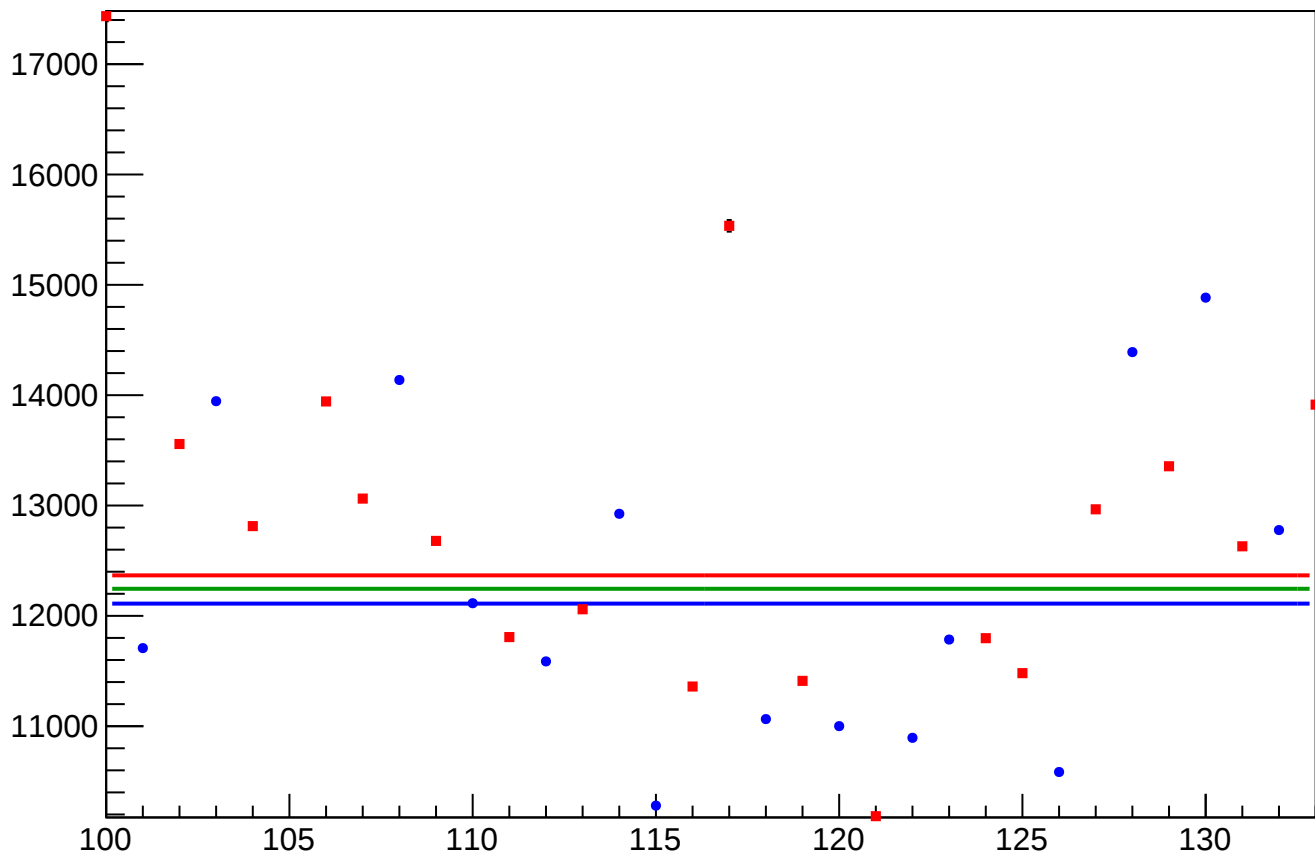
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.373+/-5.134 χ^2/NDF : 18.9/14

-5.127+/-3.539 χ^2/NDF : 34.2/32

-10.105+/-4.884 χ^2/NDF : 13.1/17

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: 12367.017+/-3.454 χ^2/NDF : 106137.8/17

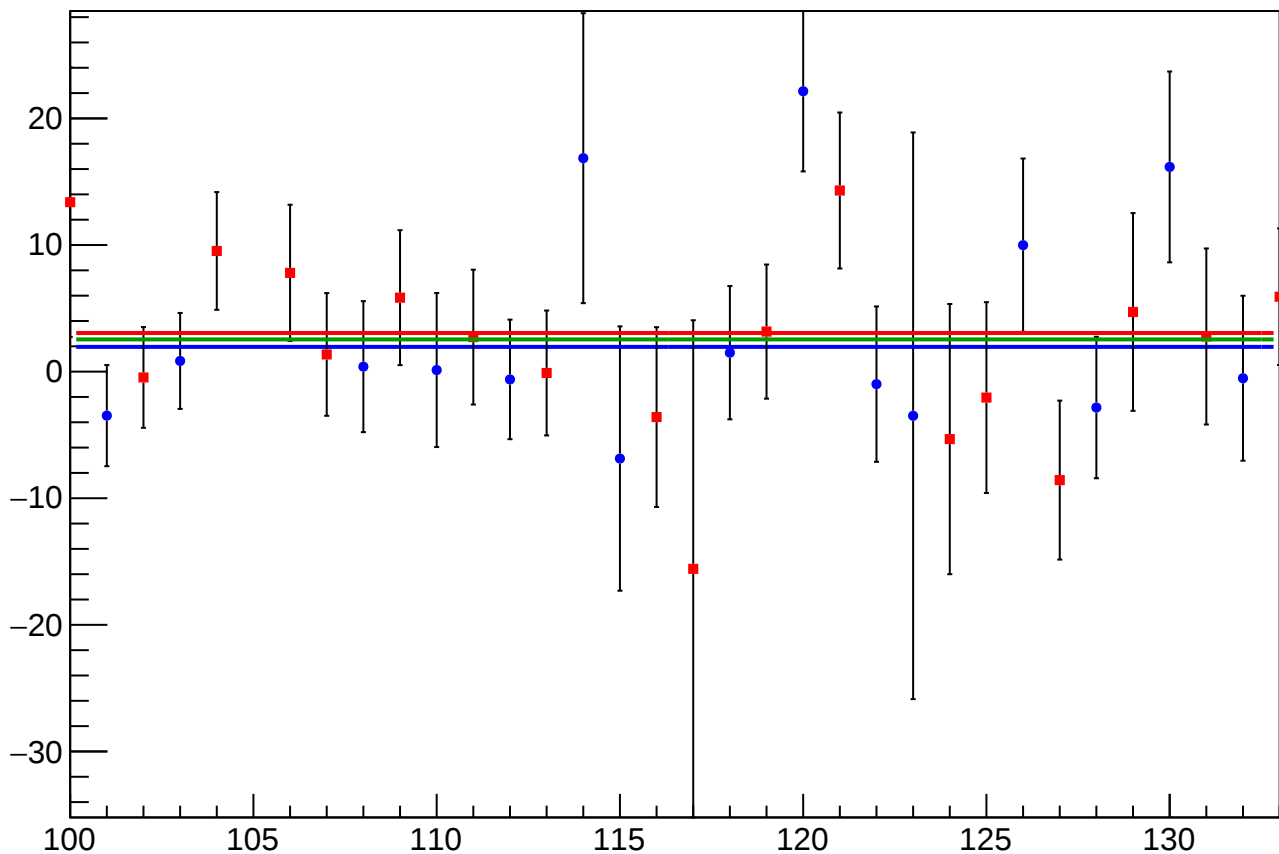
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

12245.378+/-2.502 χ^2/NDF : 259144.1/32

12367.017+/-3.454 χ^2/NDF : 106137.8/17

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.955 $\pm$ 1.503 χ^2 /NDF: 21.1/14

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

Right Out: 3.052 $\pm$ 1.394 χ^2 /NDF: 15.2/17

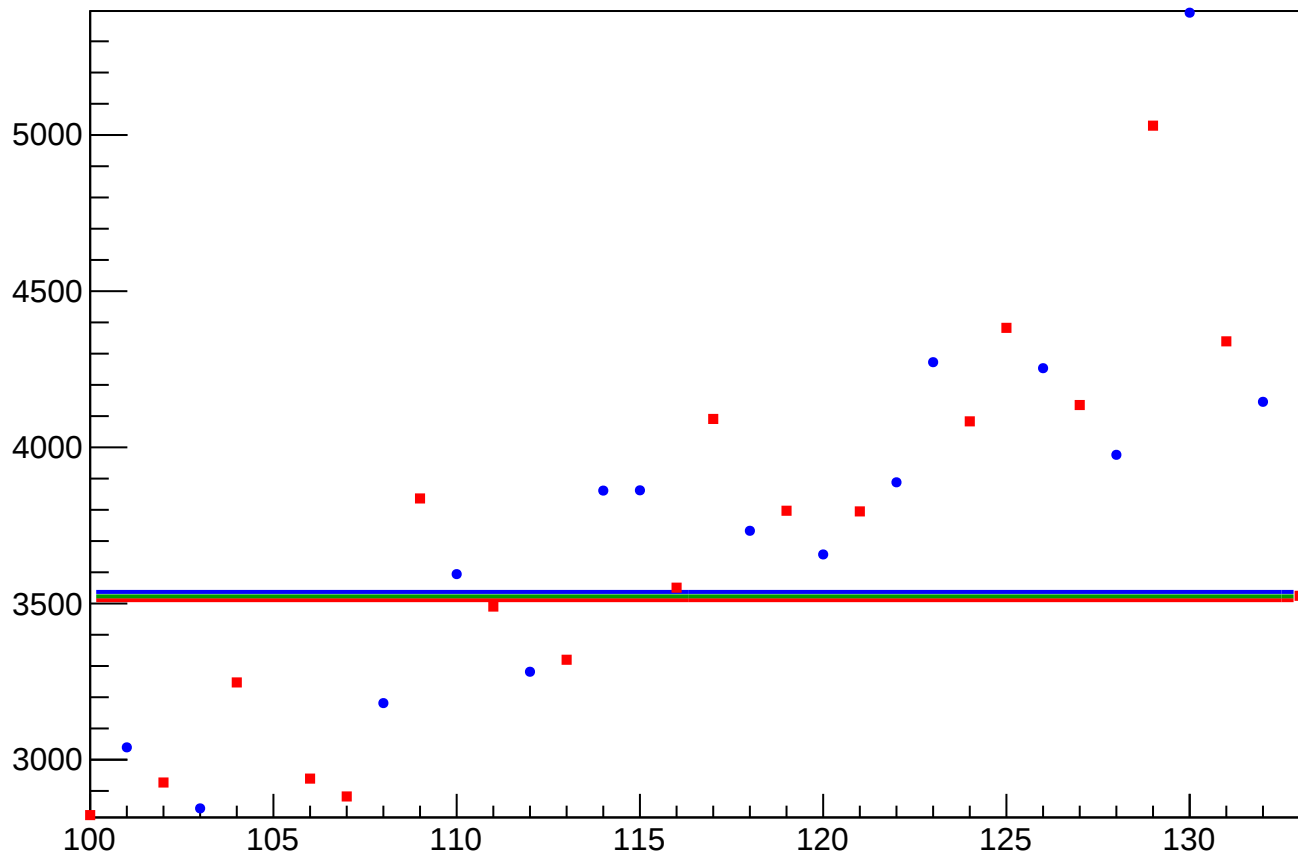
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.955 $\pm$ 1.503 χ^2 /NDF: 21.1/14

2.545 $\pm$ 1.022 χ^2 /NDF: 36.6/32

3.052 $\pm$ 1.394 χ^2 /NDF: 15.2/17

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: 3510.780+/-0.986 χ^2/NDF : 292805.8/17

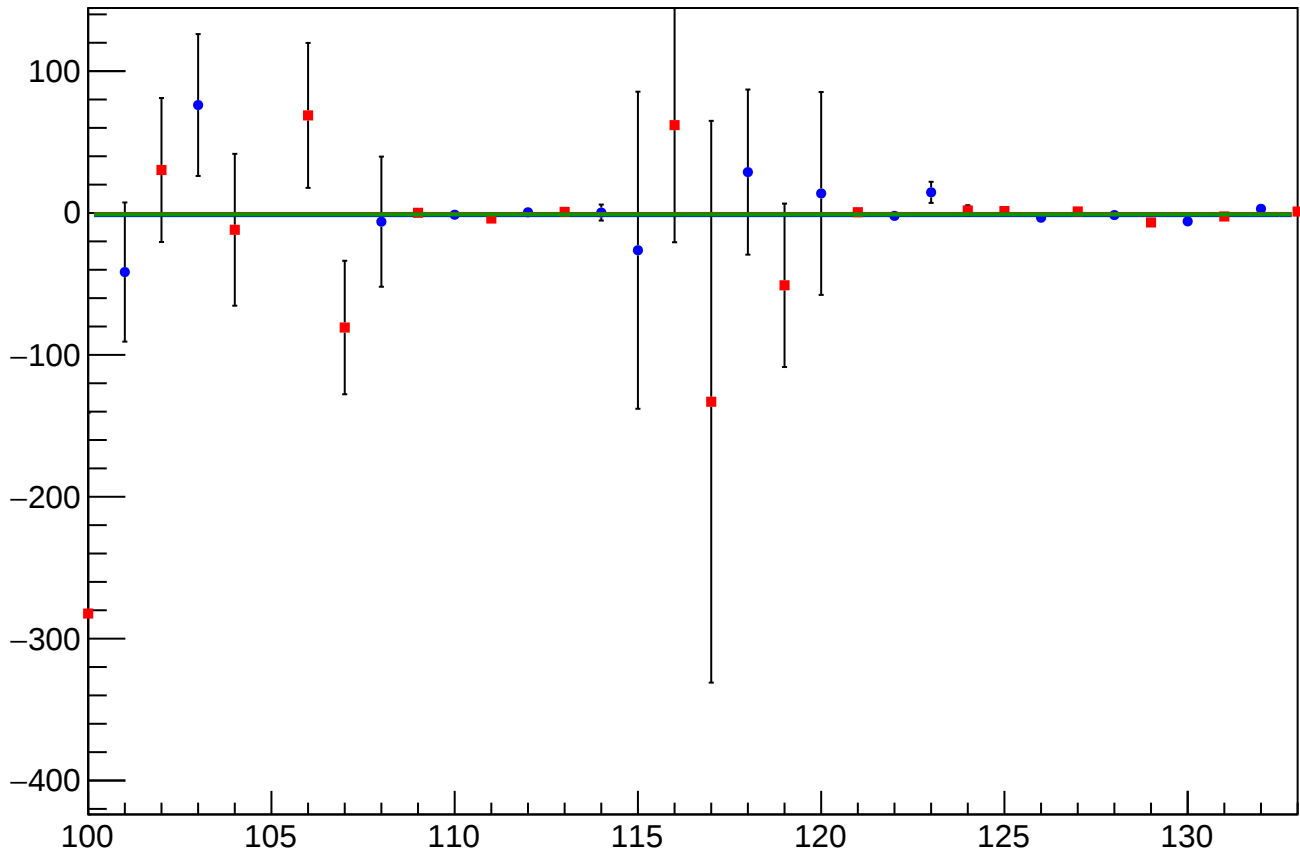
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

3522.983+/-0.723 χ^2/NDF : 595087.6/32

3510.780+/-0.986 χ^2/NDF : 292805.8/17

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: -0.654+/-0.793 χ^2 /NDF: 21.2/17

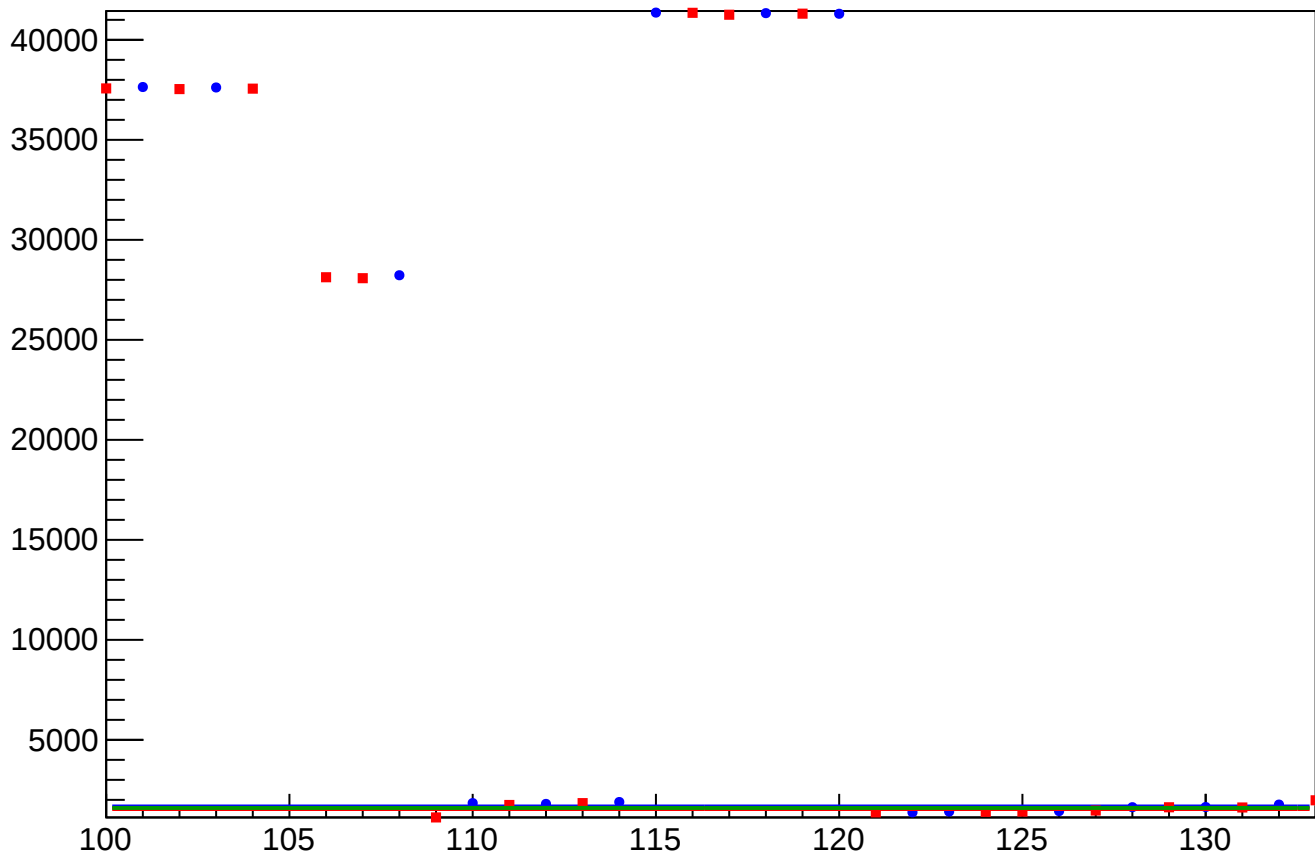
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.495+/-0.908 χ^2 /NDF: 15.7/14

-1.018+/-0.598 χ^2 /NDF: 37.5/32

-0.654+/-0.793 χ^2 /NDF: 21.2/17

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1667.538+/-0.642 χ^2/NDF : 4652729.7/14

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

Right Out: 1542.949+/-0.561 χ^2/NDF : 4936068.3/17

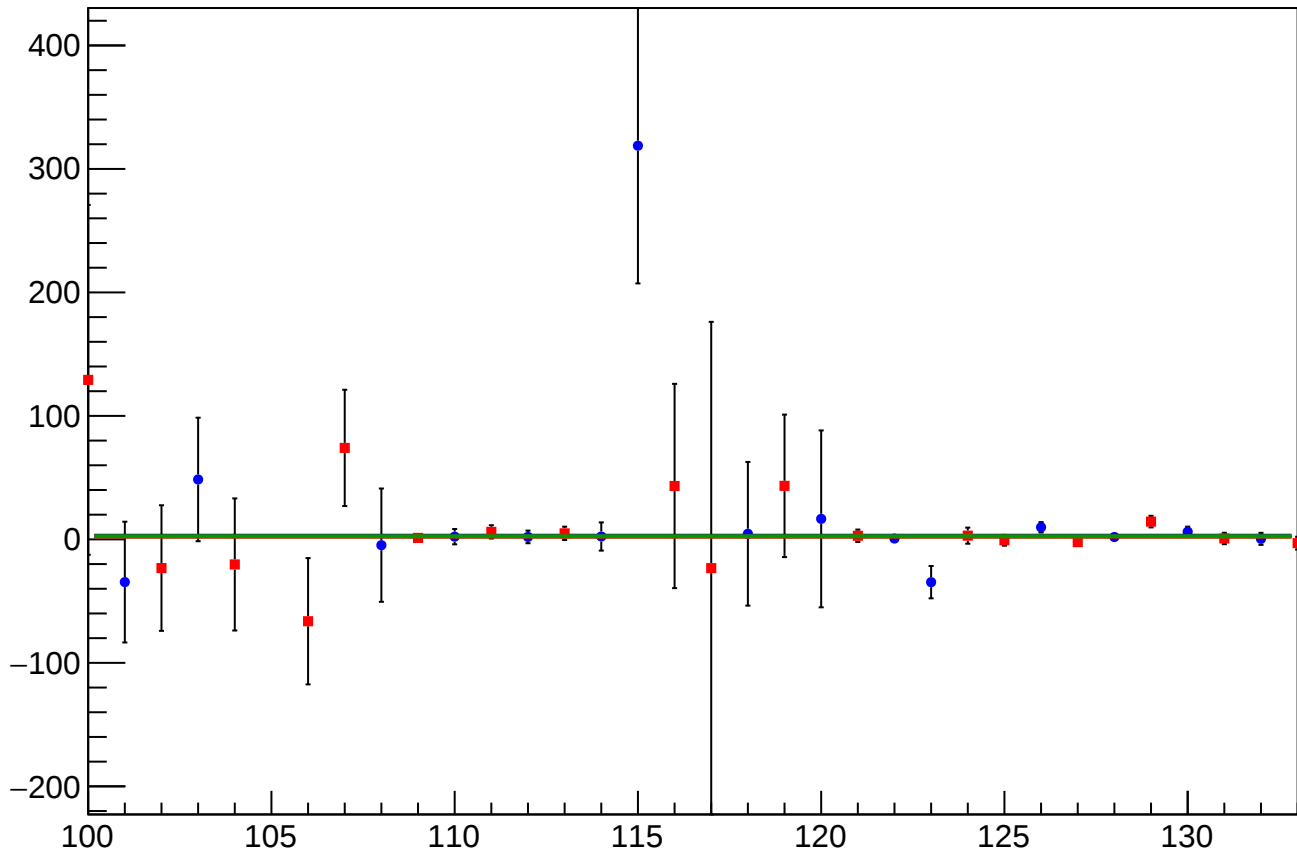
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1667.538+/-0.642 χ^2/NDF : 4652729.7/14

1596.858+/-0.423 χ^2/NDF : 9610138.4/32

1542.949+/-0.561 χ^2/NDF : 4936068.3/17

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.952+/-1.649 χ^2/NDF : 21.8/14

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

Right Out: 2.176+/-1.385 χ^2/NDF : 16.7/17

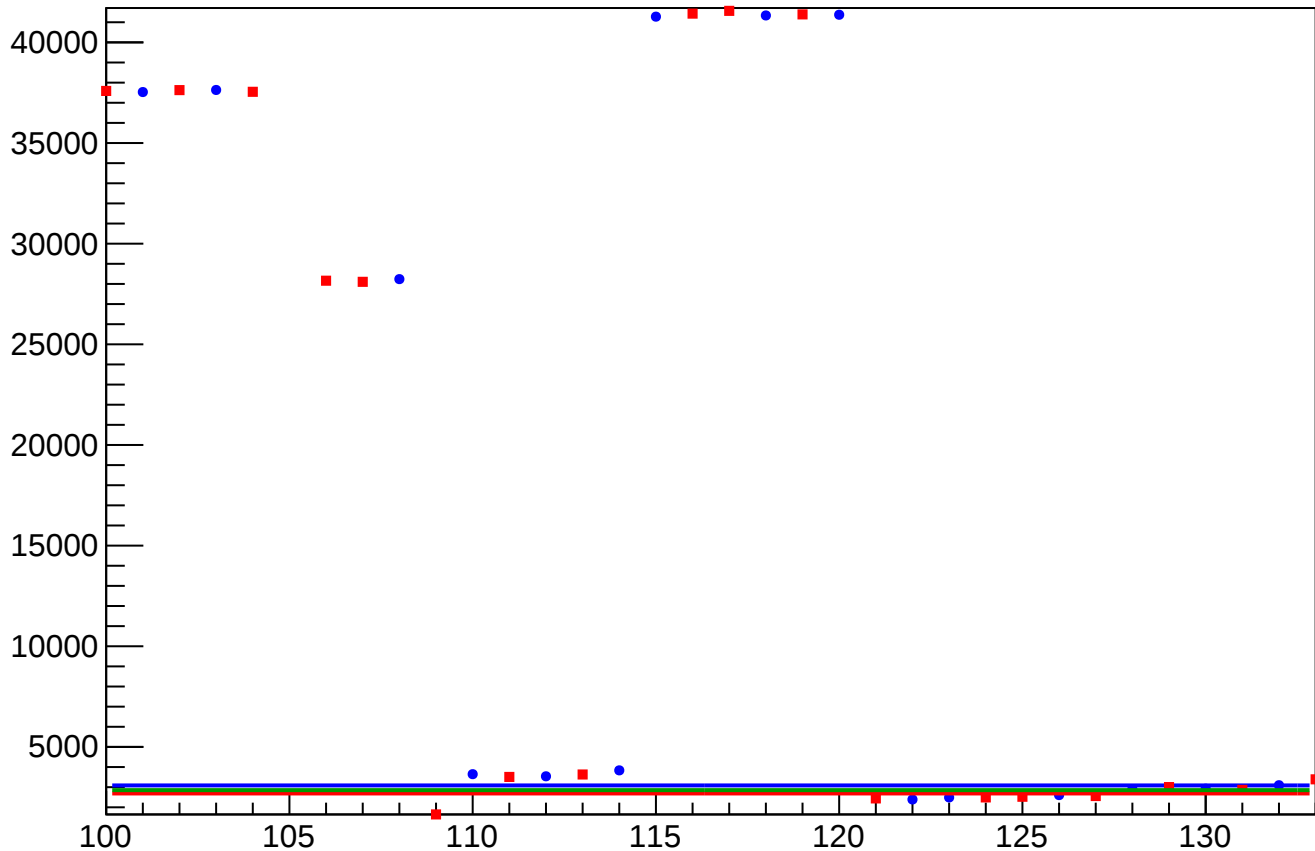
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.952+/-1.649 χ^2/NDF : 21.8/14

2.497+/-1.061 χ^2/NDF : 38.7/32

2.176+/-1.385 χ^2/NDF : 16.7/17

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: 2688.241+/-0.979 χ^2 /NDF: 4876776.5/17

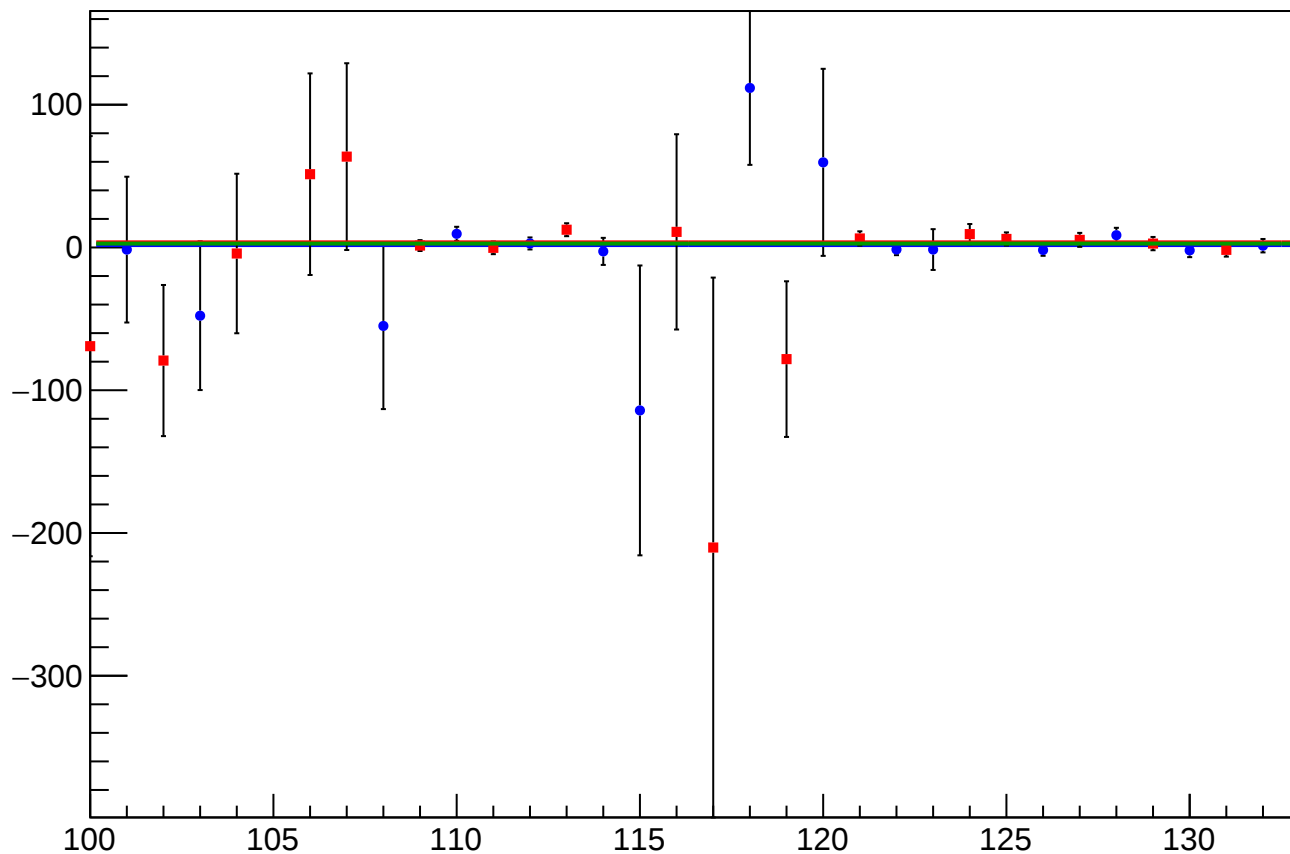
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

2852.996+/-0.750 χ^2 /NDF: 9309339.6/32

2688.241+/-0.979 χ^2 /NDF: 4876776.5/17

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: 3.593+/-1.512 χ^2/NDF : 16.2/17

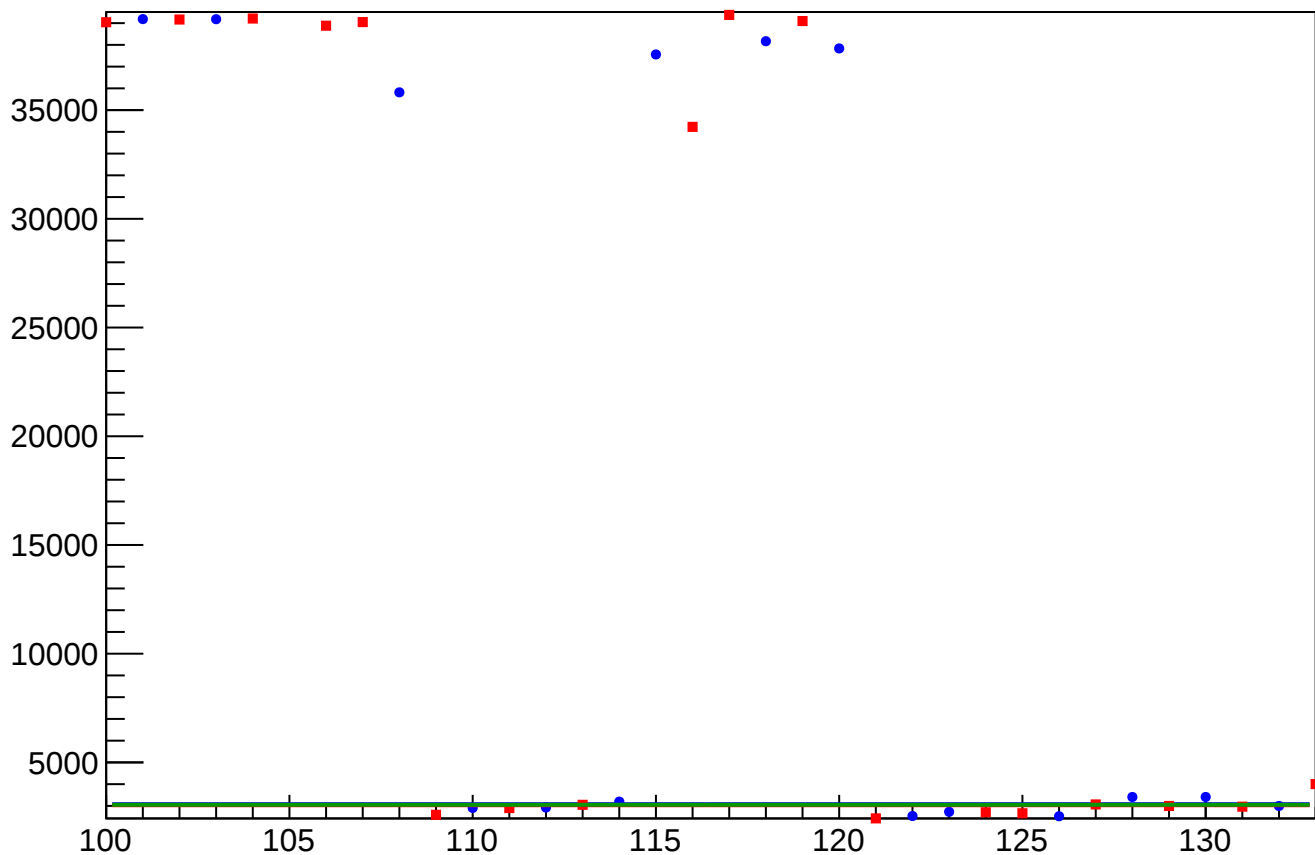
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.685+/-1.653 χ^2/NDF : 14.7/14

2.724+/-1.116 χ^2/NDF : 31.7/32

3.593+/-1.512 χ^2/NDF : 16.2/17

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3077.683+/-1.169 χ^2/NDF : 4335162.0/14

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

Right Out: 3031.545+/-1.069 χ^2/NDF : 4504404.5/17

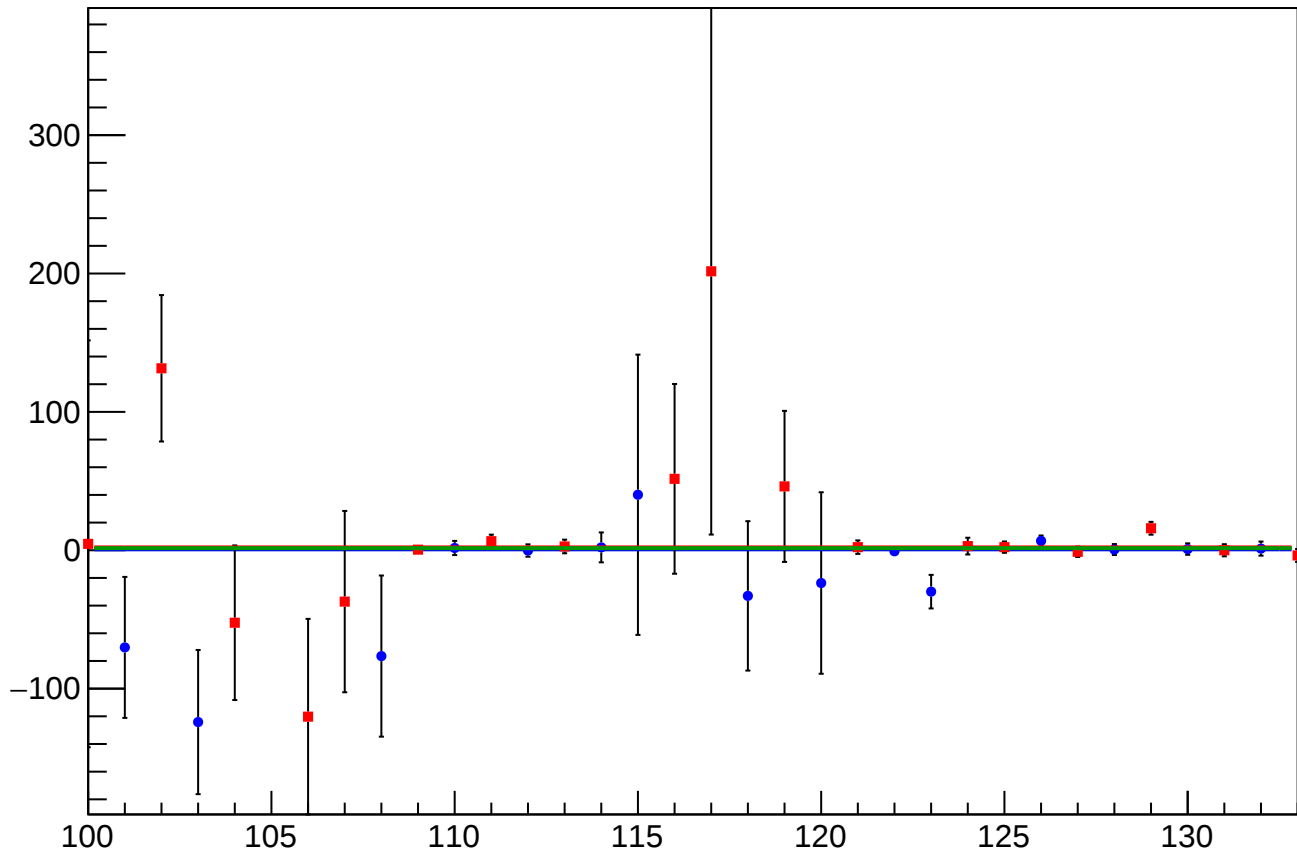
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3077.683+/-1.169 χ^2/NDF : 4335162.0/14

3052.558+/-0.789 χ^2/NDF : 8840414.6/32

3031.545+/-1.069 χ^2/NDF : 4504404.5/17

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: 2.062 $\pm$ 1.245 χ^2 /NDF: 25.5/17

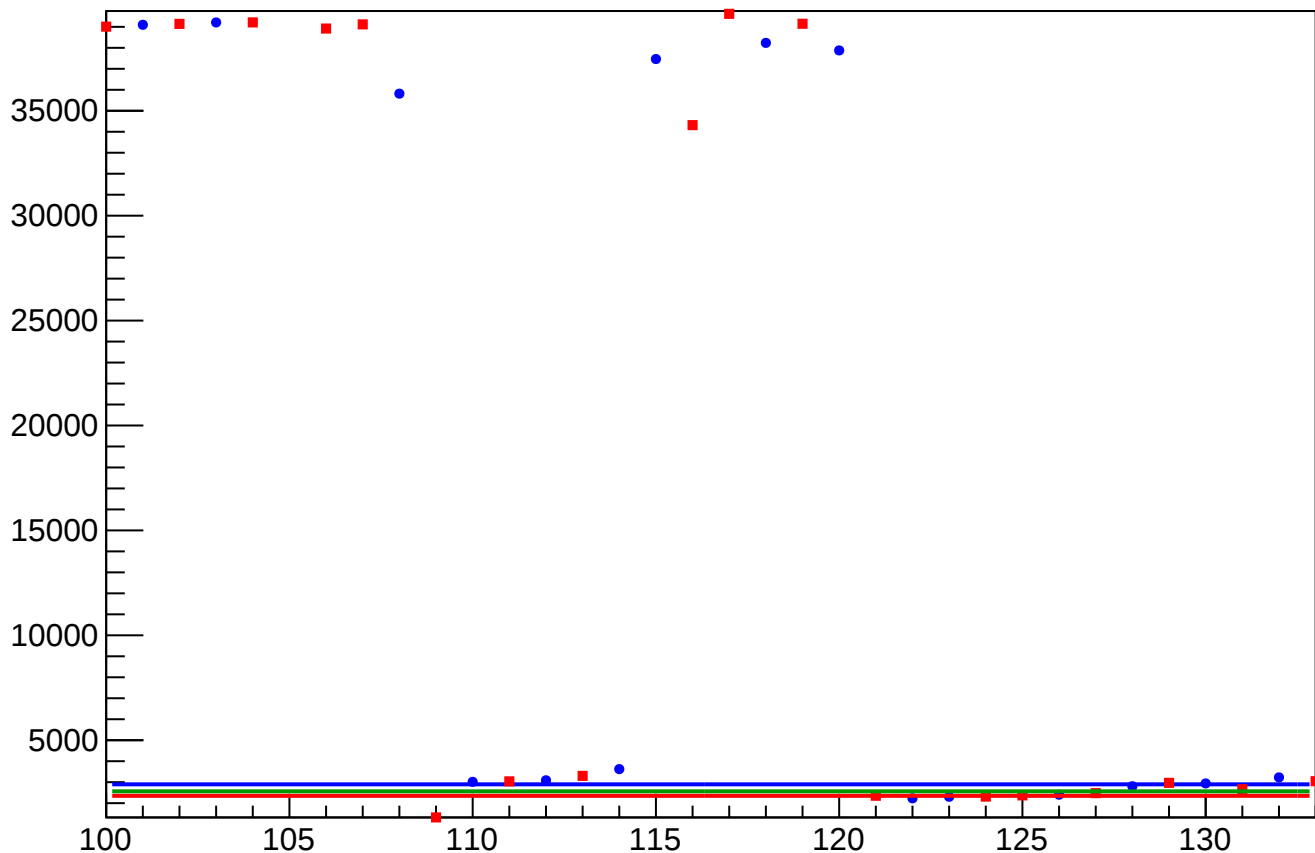
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.688 $\pm$ 1.556 χ^2 /NDF: 19.2/14

1.526 $\pm$ 0.972 χ^2 /NDF: 45.2/32

2.062 $\pm$ 1.245 χ^2 /NDF: 25.5/17

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: 2349.911+/-0.880 χ^2/NDF : 5209729.0/17

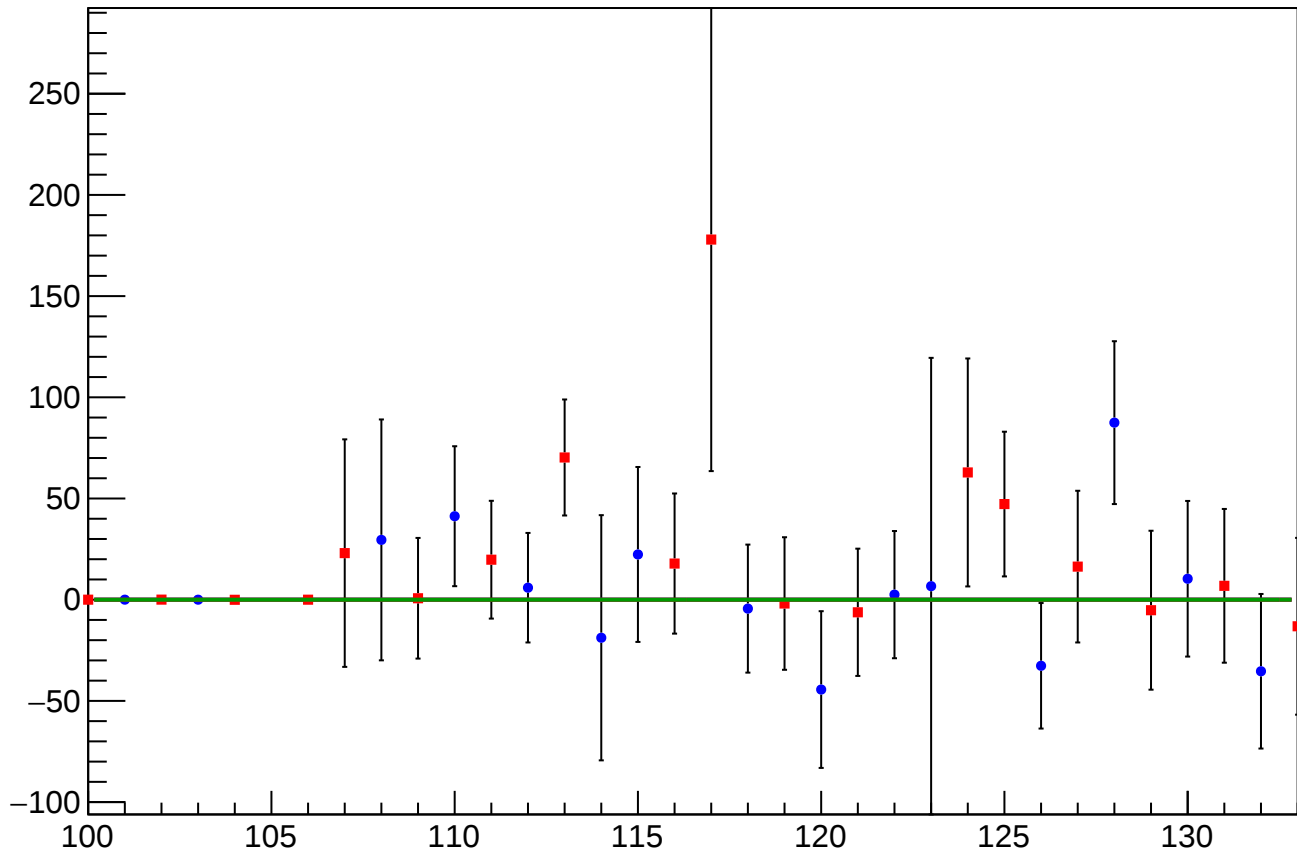
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2563.694+/-0.687 χ^2/NDF : 9772147.6/32

2349.911+/-0.880 χ^2/NDF : 5209729.0/17

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 : 17.5/17

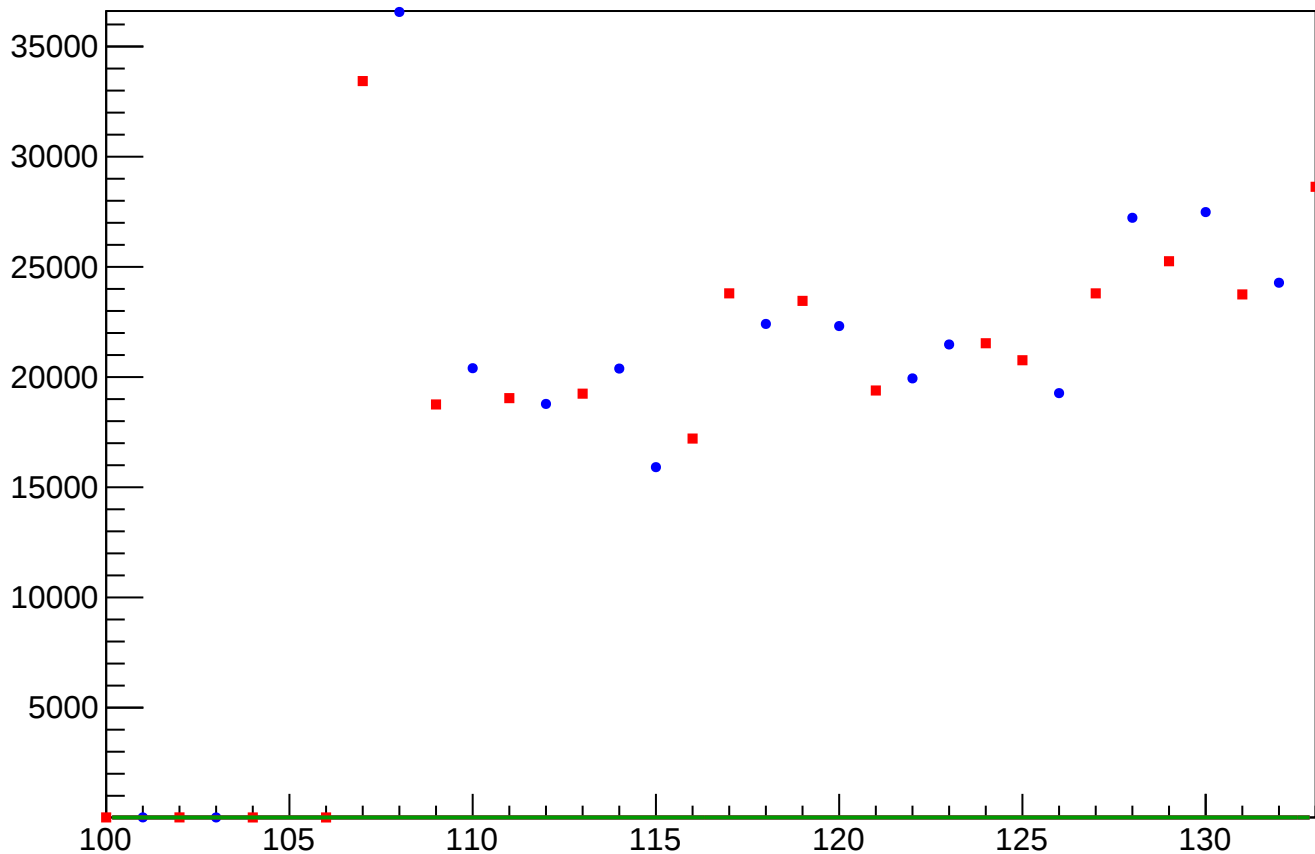
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 10.3/14

0.004+/-0.012 χ^2/NDF : 28.4/32

-0.003+/-0.016 χ^2/NDF : 17.5/17

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: 18.299+/-0.011 χ^2 /NDF: 9864855.0/17

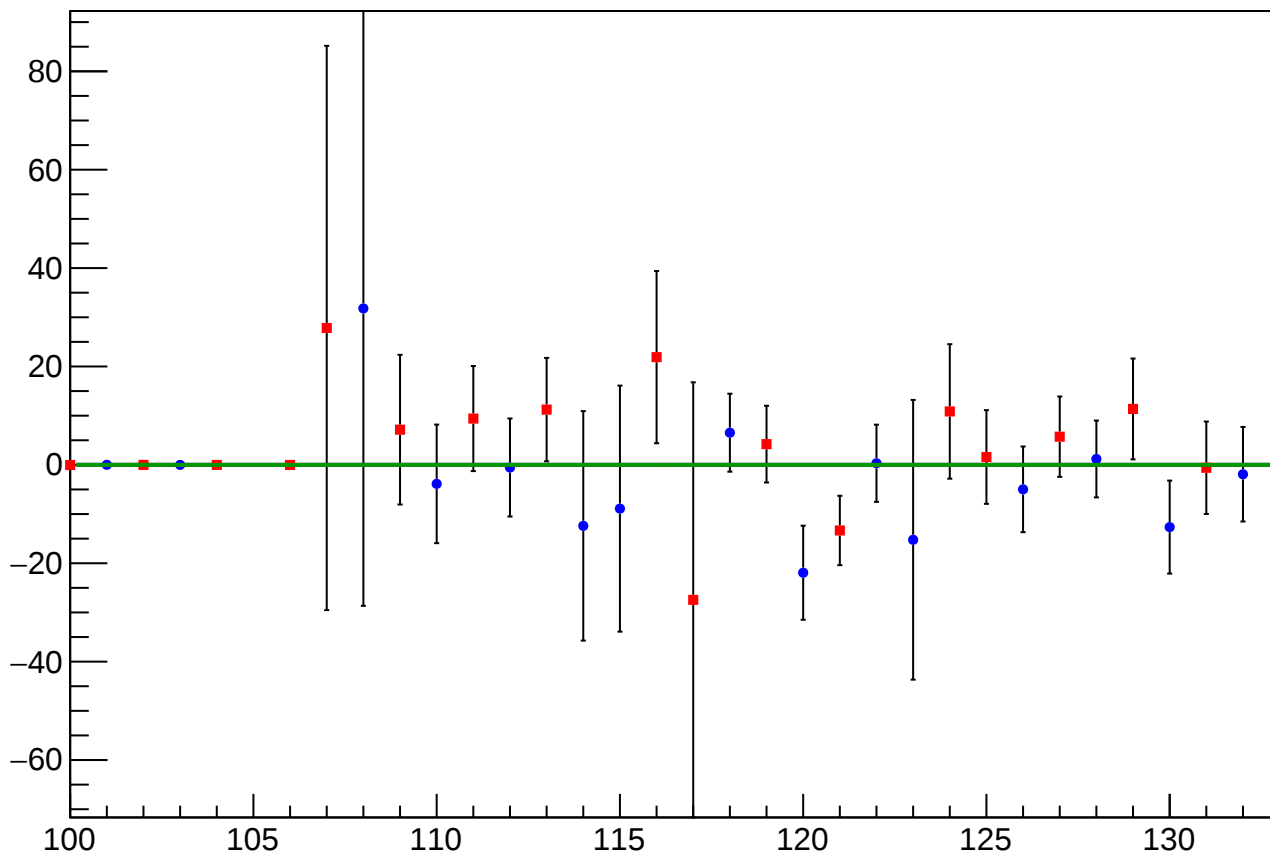
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.620+/-0.012 χ^2 /NDF: 8975075.5/14

18.447+/-0.008 χ^2 /NDF: 18840297.4/32

18.299+/-0.011 χ^2 /NDF: 9864855.0/17

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 : 16.3/17

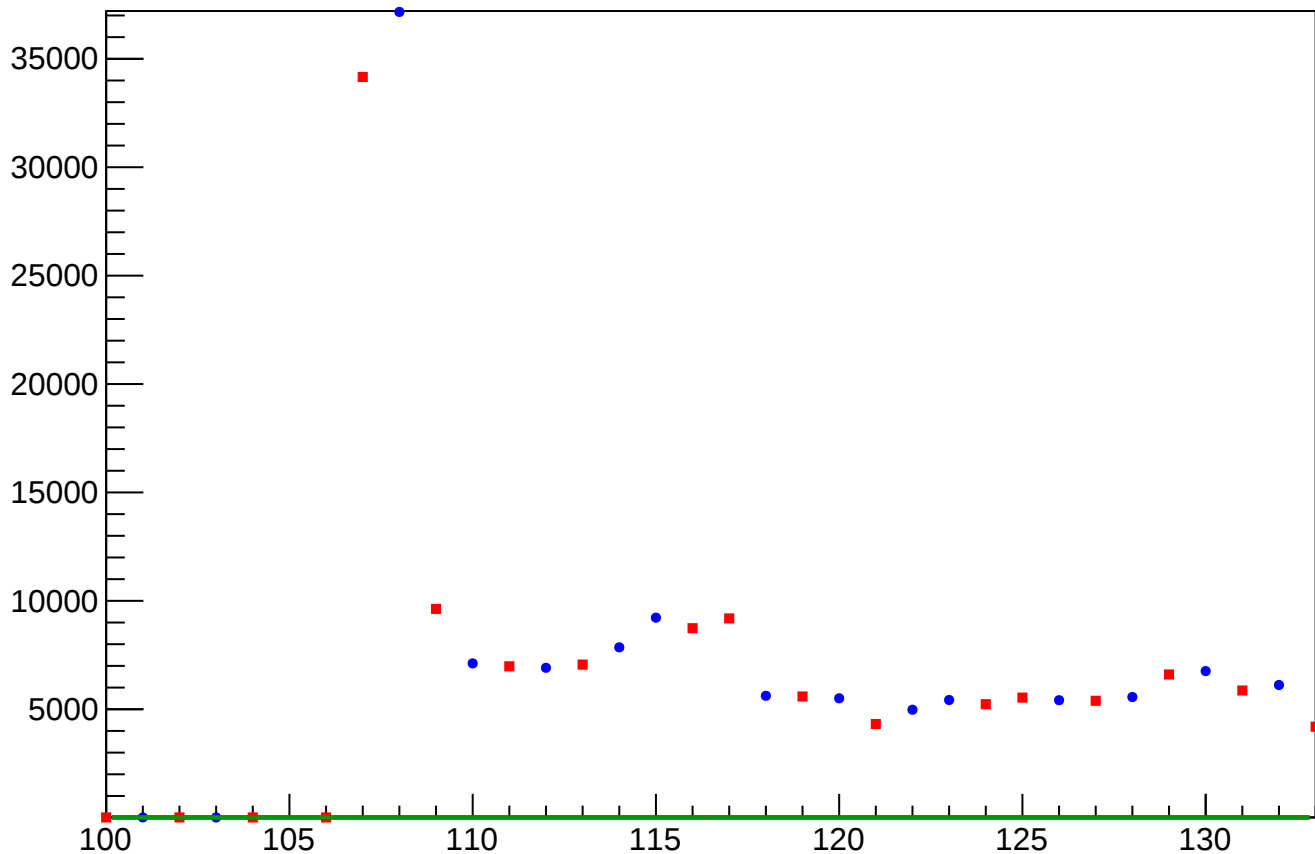
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 10.3/14

-0.007+/-0.006 χ^2/NDF : 28.0/32

-0.014+/-0.009 χ^2/NDF : 16.3/17

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: 9.840+/-0.006 χ^2/NDF : 9918679.1/17

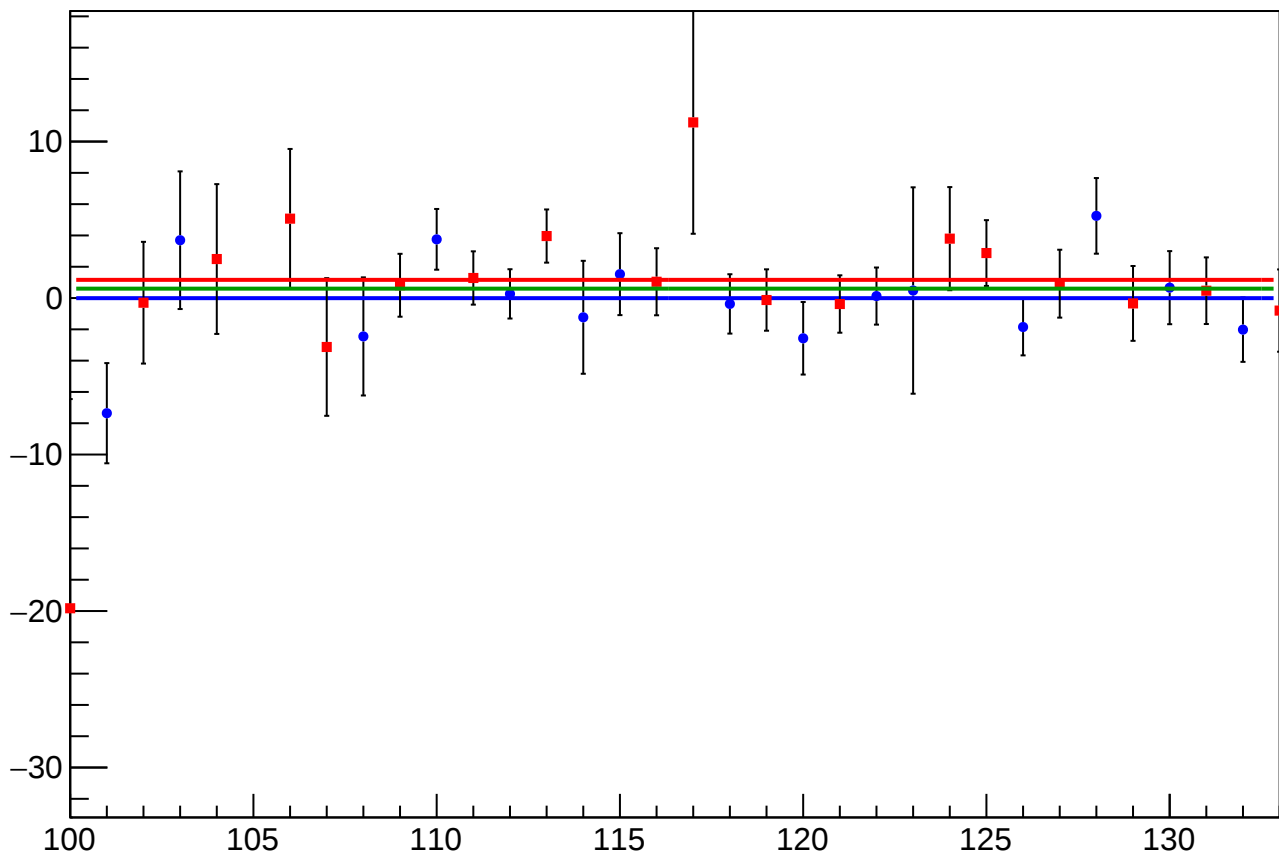
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.914+/-0.007 χ^2/NDF : 9066655.4/14

9.875+/-0.004 χ^2/NDF : 18985404.3/32

9.840+/-0.006 χ^2/NDF : 9918679.1/17

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: 1.163 ± 0.575 χ^2/NDF : 12.7/17

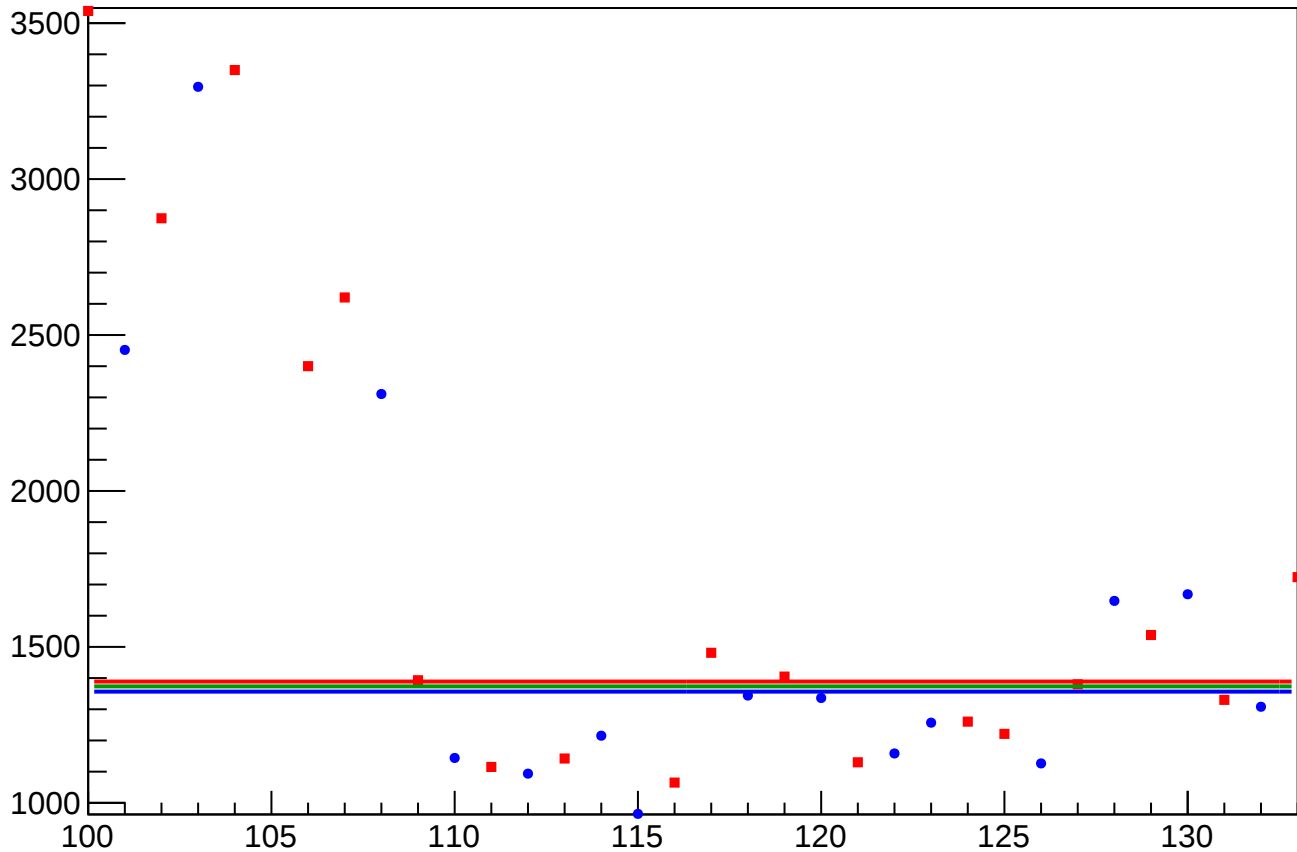
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.008 ± 0.598 χ^2/NDF : 18.7/14

0.601 ± 0.415 χ^2/NDF : 33.4/32

1.163 ± 0.575 χ^2/NDF : 12.7/17

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: 1388.873+/-0.407 χ^2/NDF : 1176318.2/17

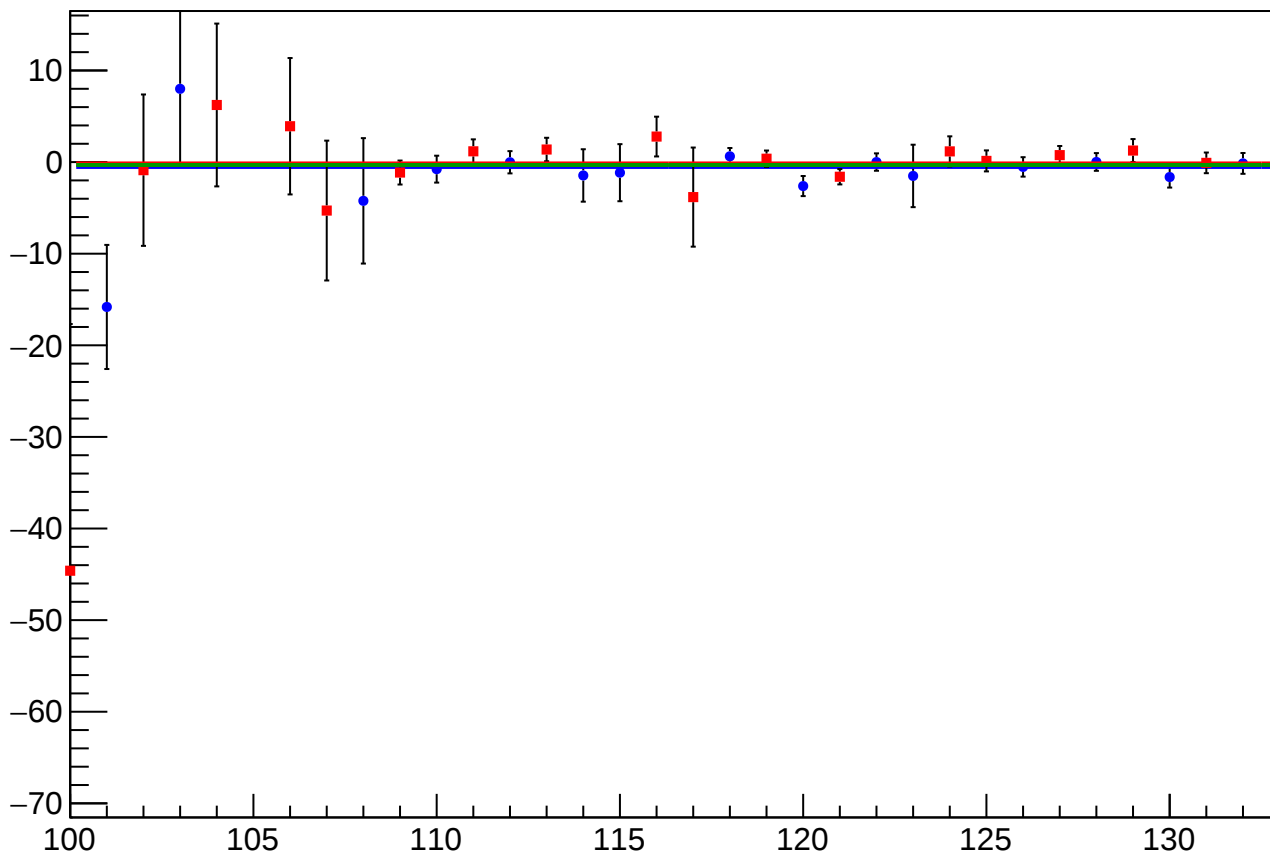
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1373.377+/-0.293 χ^2/NDF : 2180364.4/32

1388.873+/-0.407 χ^2/NDF : 1176318.2/17

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: -0.149 ± 0.313 χ^2/NDF : 19.5/17

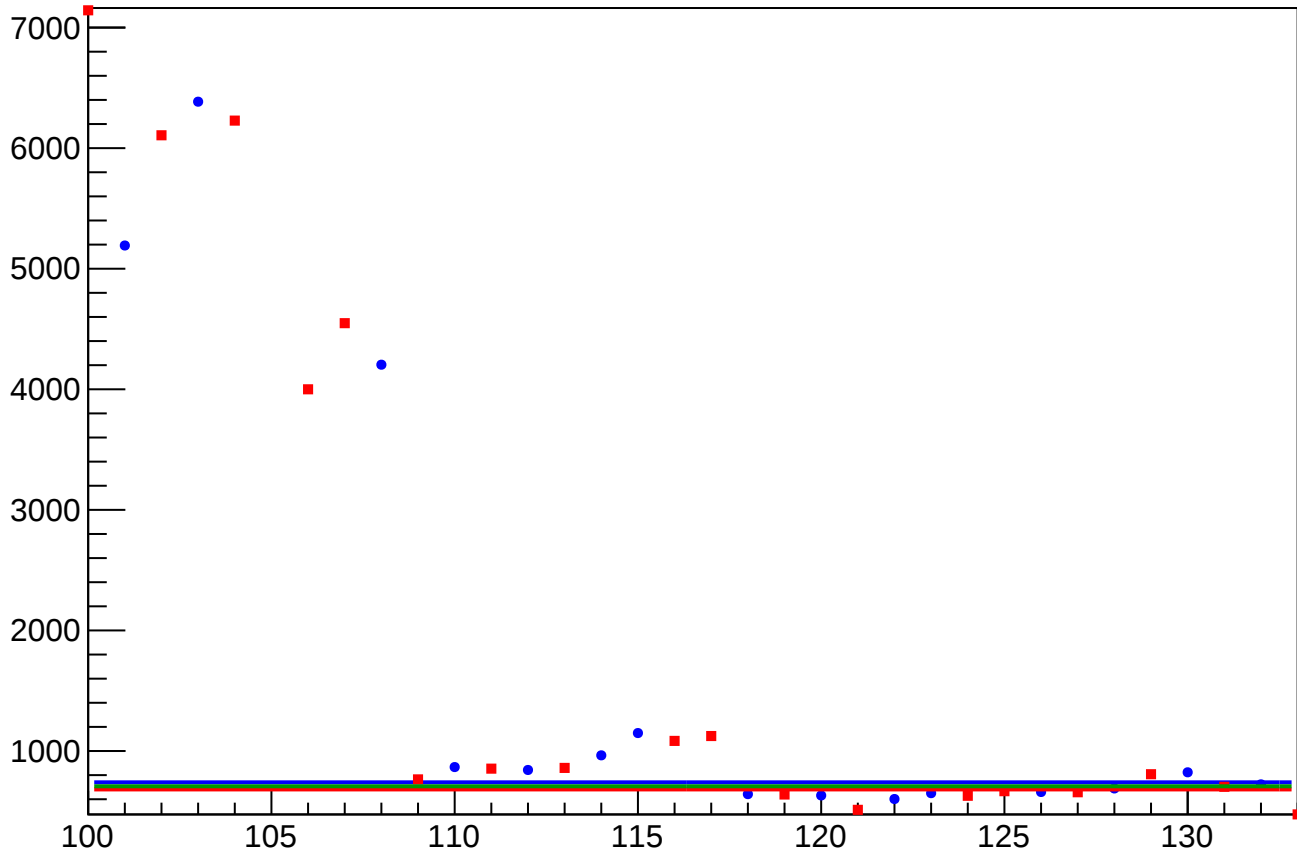
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.530 ± 0.350 χ^2/NDF : 13.8/14

-0.318 ± 0.233 χ^2/NDF : 33.9/32

-0.149 ± 0.313 χ^2/NDF : 19.5/17

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 740.219+/-0.248 χ^2/NDF : 2450052.7/14

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

Right Out: 681.356+/-0.221 χ^2/NDF : 3104914.1/17

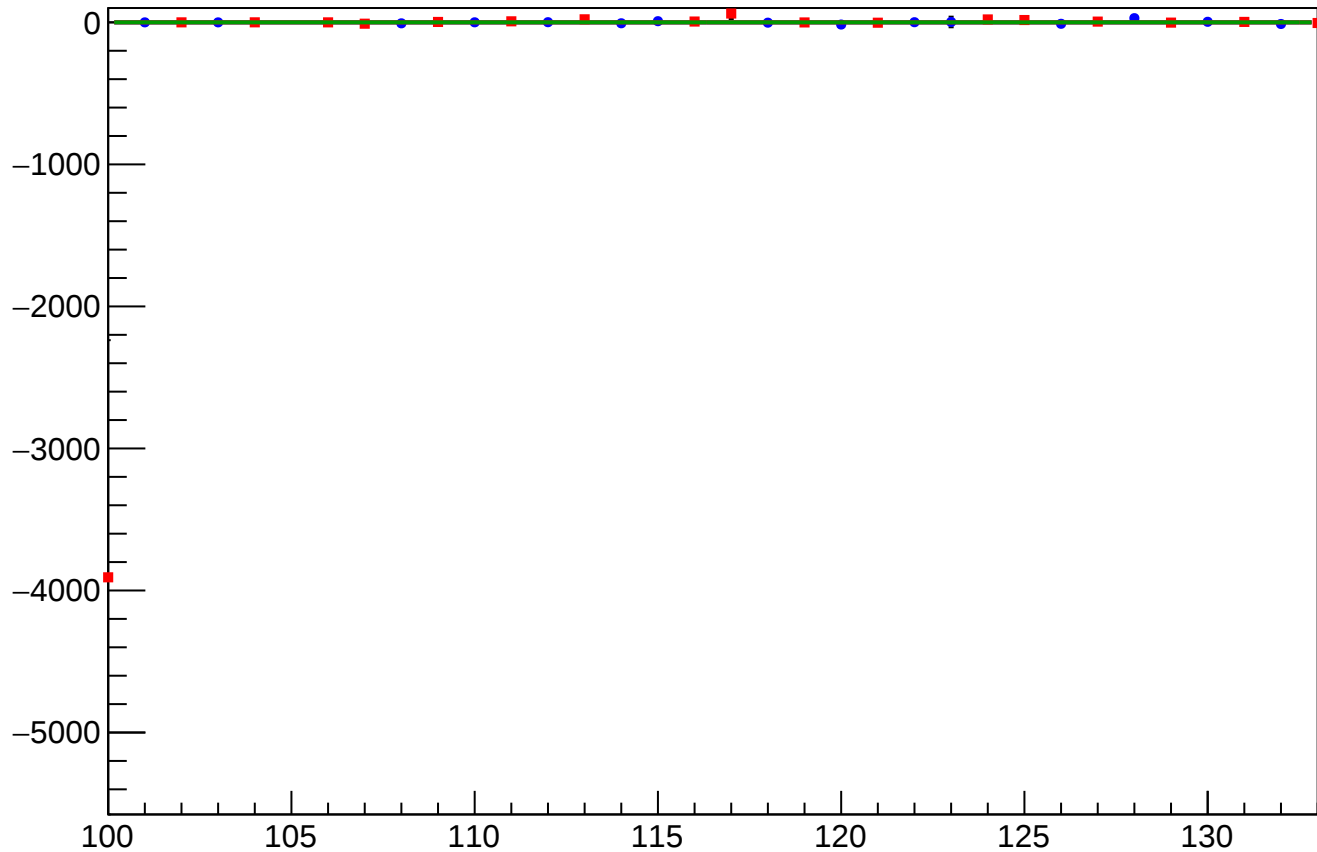
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

740.219+/-0.248 χ^2/NDF : 2450052.7/14

707.465+/-0.165 χ^2/NDF : 5586423.6/32

681.356+/-0.221 χ^2/NDF : 3104914.1/17

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 : 19.6/17

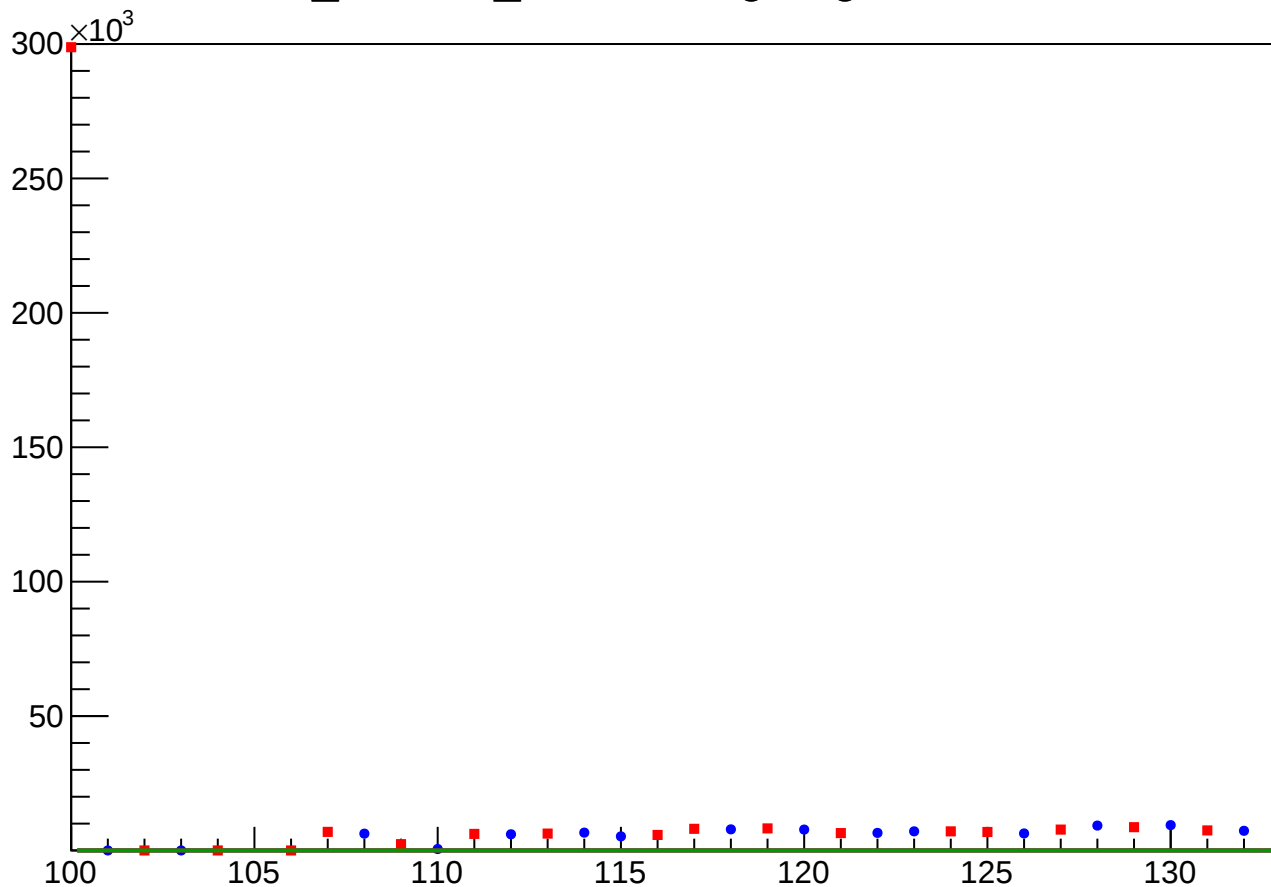
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 9.6/14

0.004+/-0.014 χ^2/NDF : 32.0/32

0.027+/-0.020 χ^2/NDF : 19.6/17

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: 17.216 $\pm$ 0.014 χ^2 /NDF: 9580640.2/17

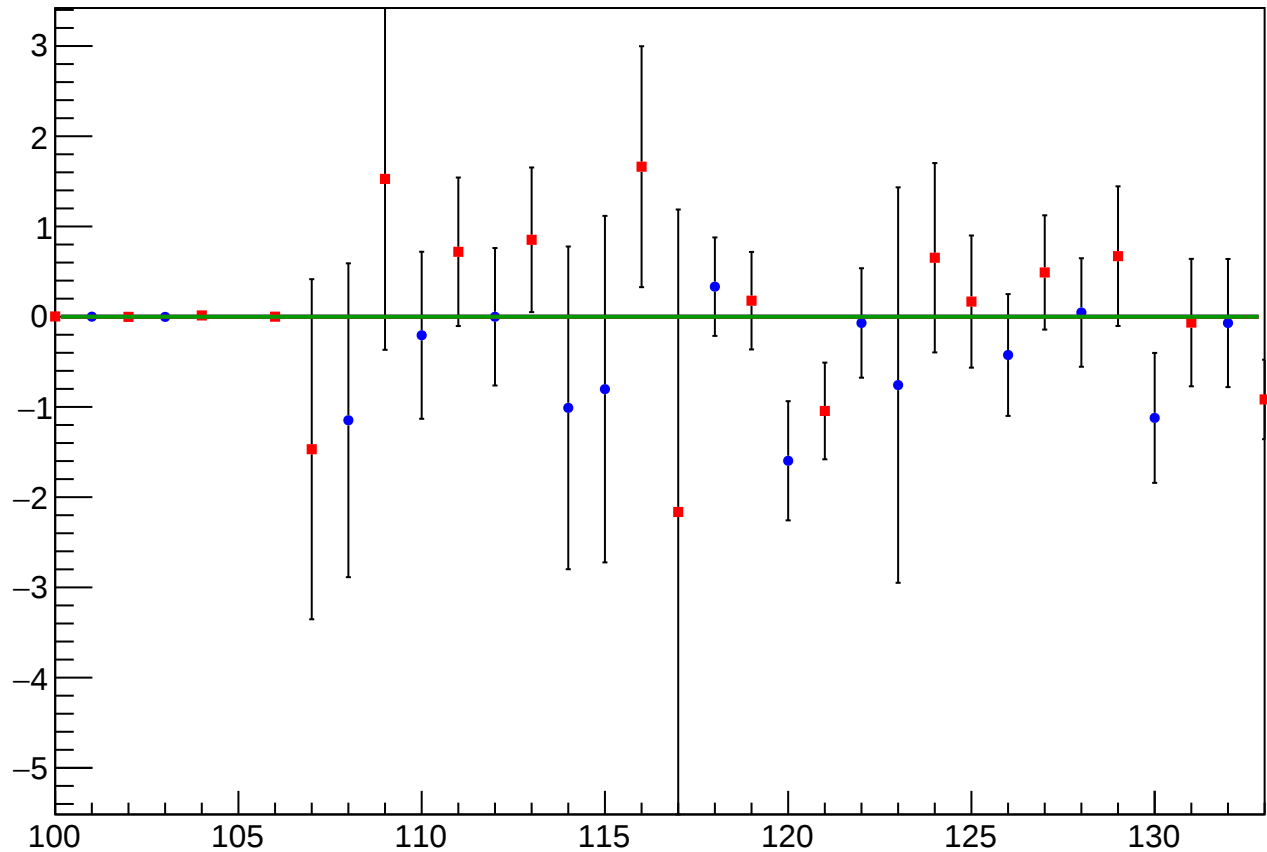
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

17.232 $\pm$ 0.010 χ^2 /NDF: 18081614.9/32

17.216 $\pm$ 0.014 χ^2 /NDF: 9580640.2/17

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: 16.1/17

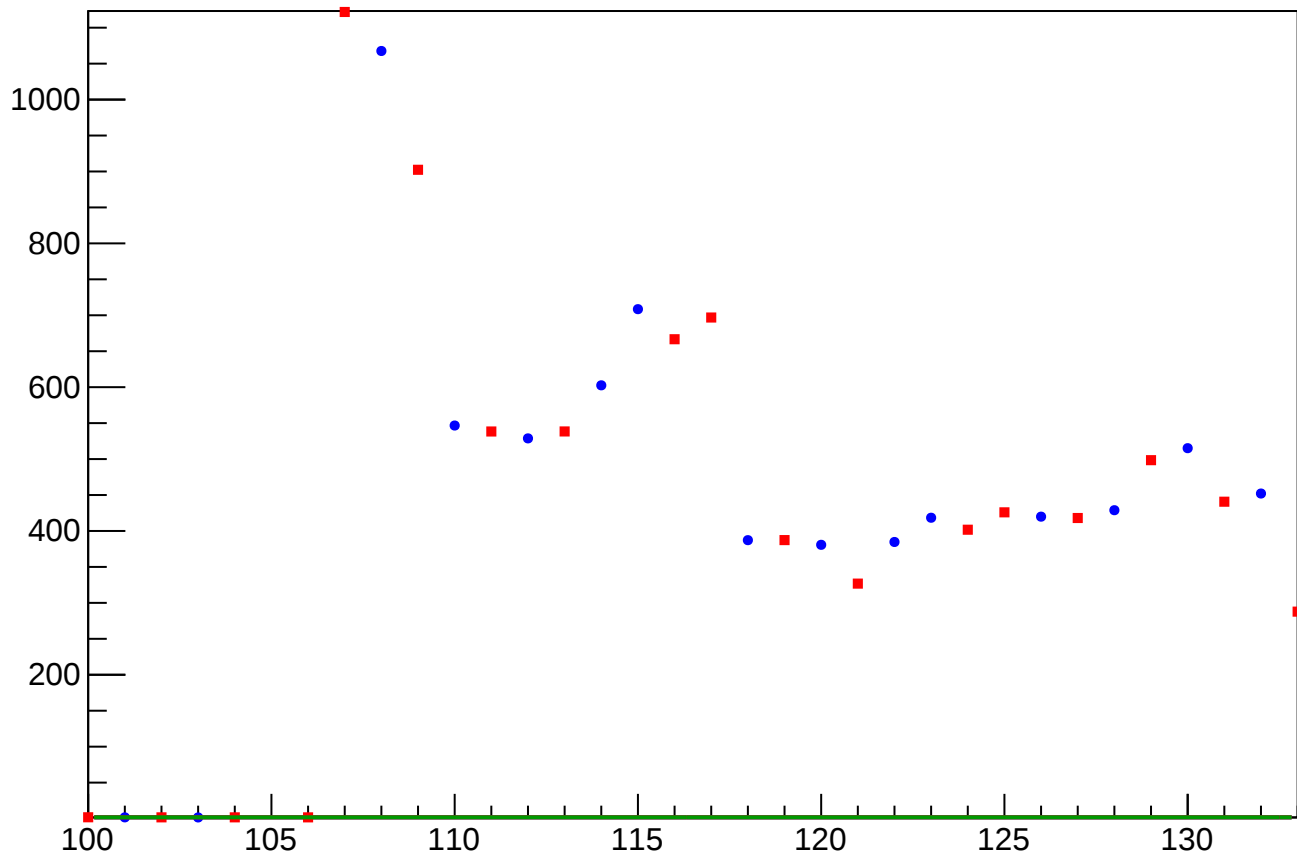
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 10.4/14

-0.000 $\pm$ 0.001 χ^2 /NDF: 26.6/32

-0.001 $\pm$ 0.002 χ^2 /NDF: 16.1/17

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: 1.719+/-0.001 χ^2/NDF : 9511574.2/17

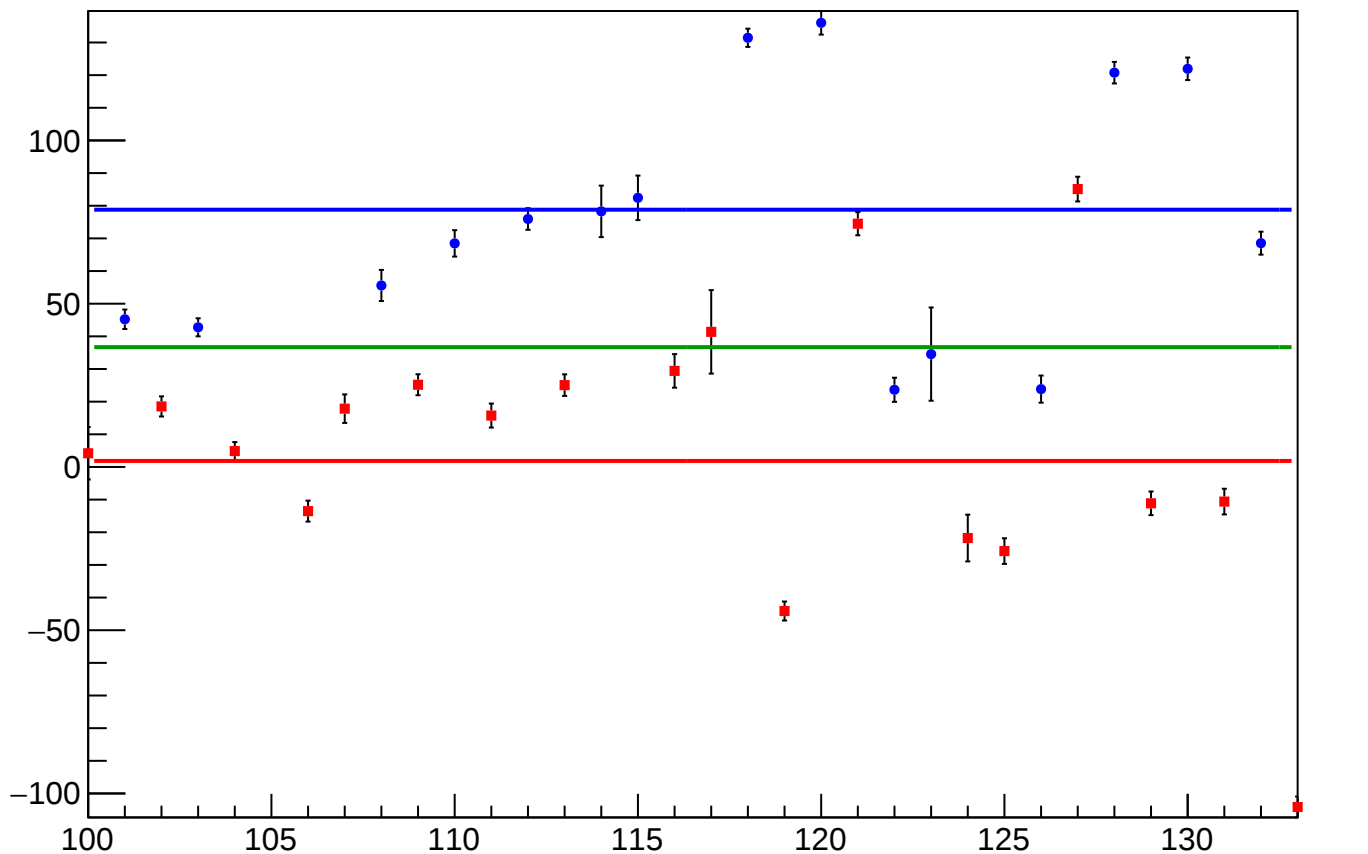
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.684+/-0.001 χ^2/NDF : 9026269.1/14

1.702+/-0.001 χ^2/NDF : 18538156.9/32

1.719+/-0.001 χ^2/NDF : 9511574.2/17

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 78.786 ± 0.964 χ^2/NDF : 1668.9/14

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

Right Out: 1.844 ± 0.877 χ^2/NDF : 2554.4/17

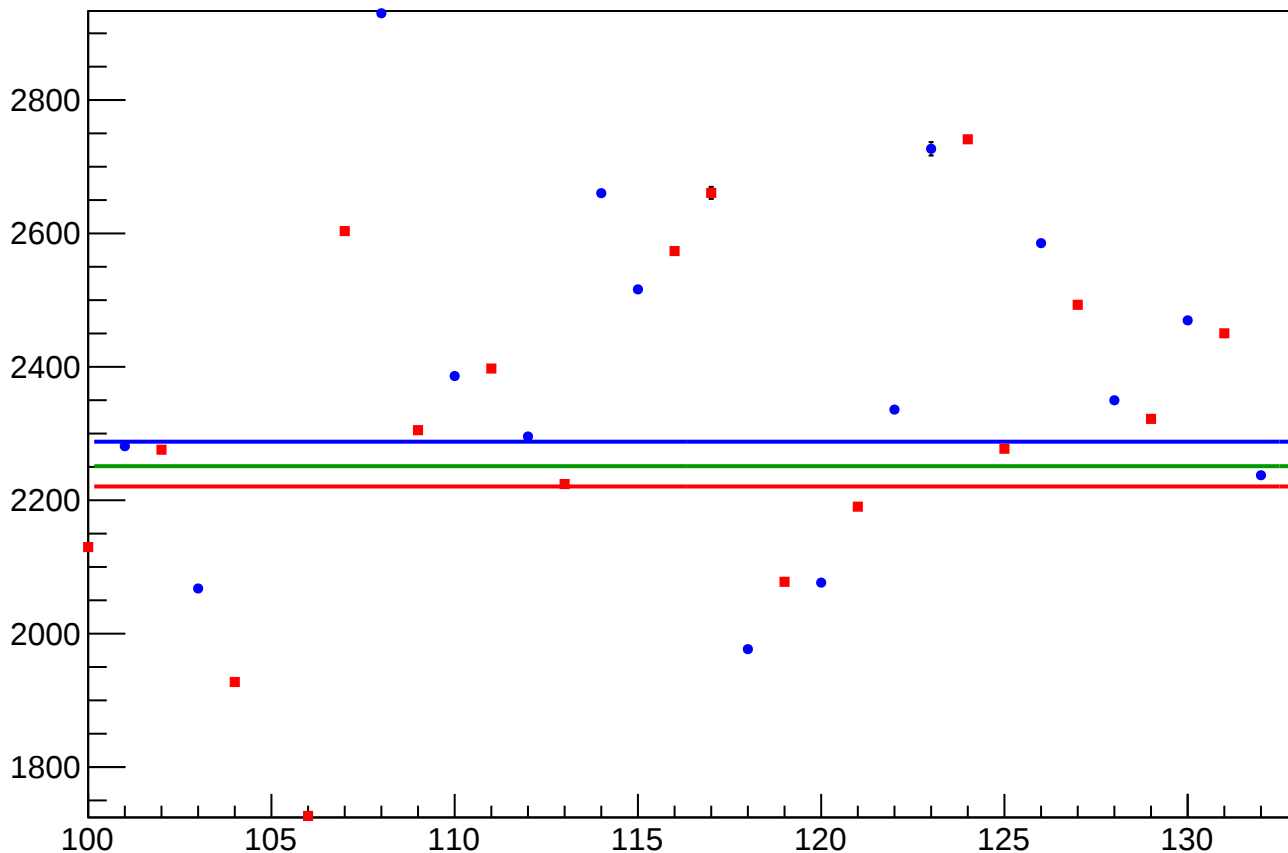
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

78.786 ± 0.964 χ^2/NDF : 1668.9/14

36.697 ± 0.649 χ^2/NDF : 7706.3/32

1.844 ± 0.877 χ^2/NDF : 2554.4/17

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: 2220.668 $\pm$ 0.620 χ^2 /NDF: 141569.4/17

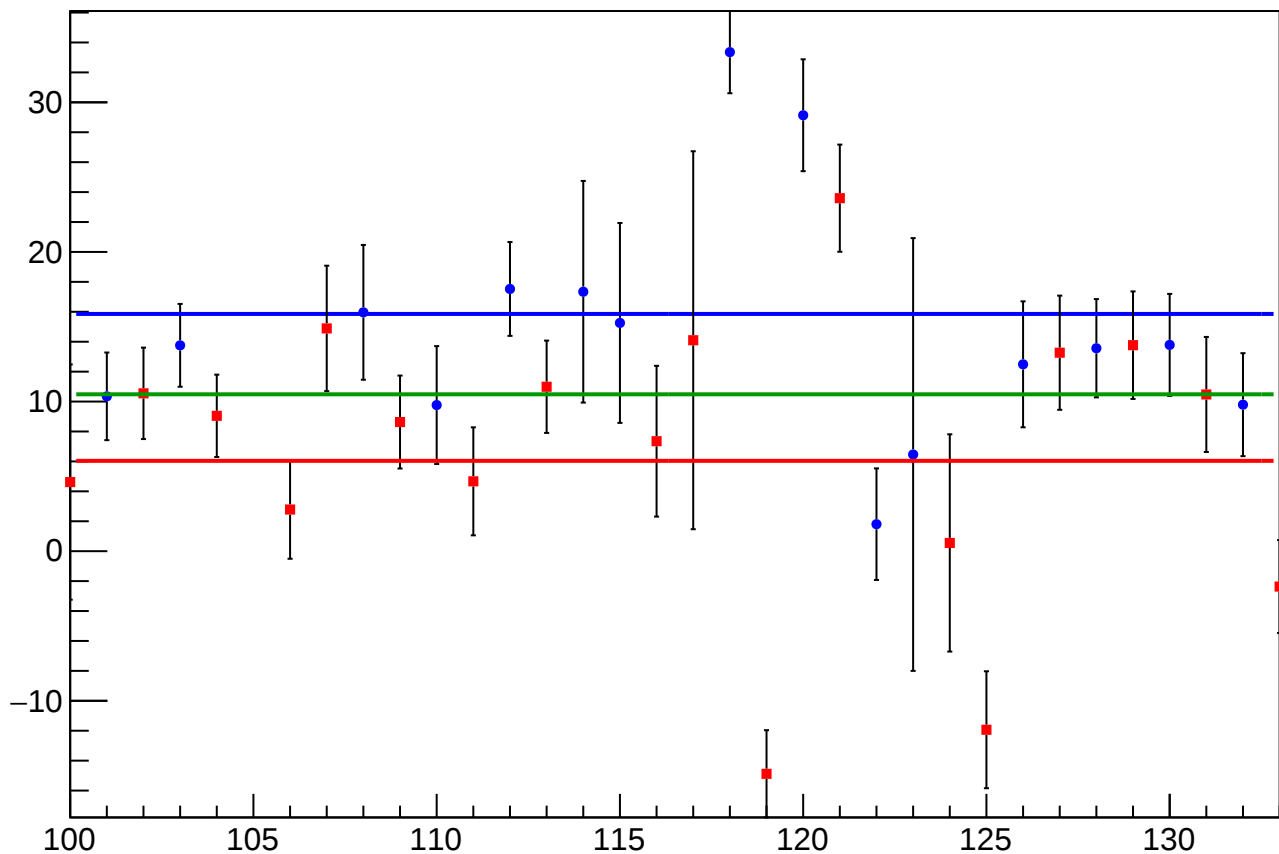
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2251.079 $\pm$ 0.459 χ^2 /NDF: 254654.4/32

2220.668 $\pm$ 0.620 χ^2 /NDF: 141569.4/17

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 15.856+/-0.952 χ^2/NDF : 79.2/14

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

Right Out: 6.038+/-0.866 χ^2/NDF : 126.8/17

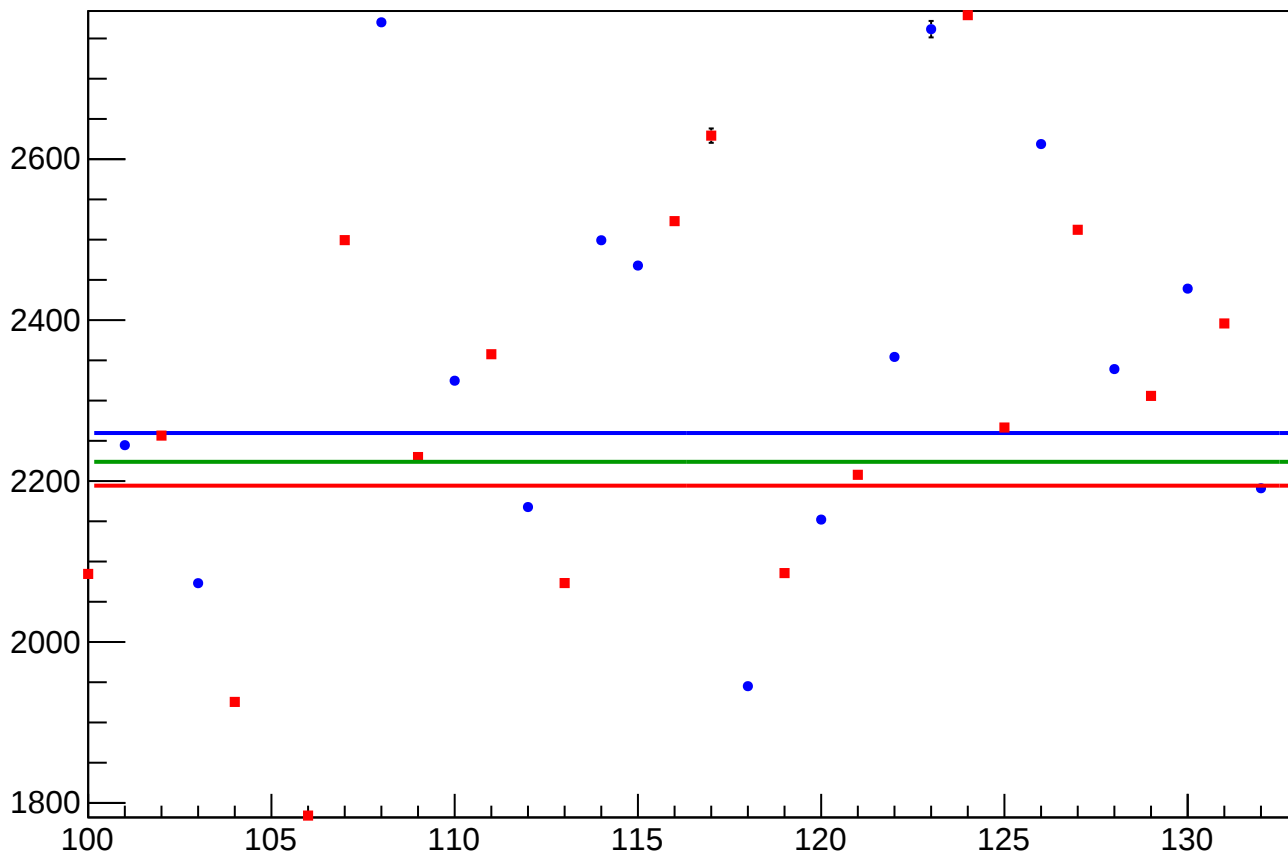
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.856+/-0.952 χ^2/NDF : 79.2/14

10.485+/-0.641 χ^2/NDF : 264.3/32

6.038+/-0.866 χ^2/NDF : 126.8/17

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: 2194.285 $\pm$ 0.612 χ^2 /NDF: 123150.6/17

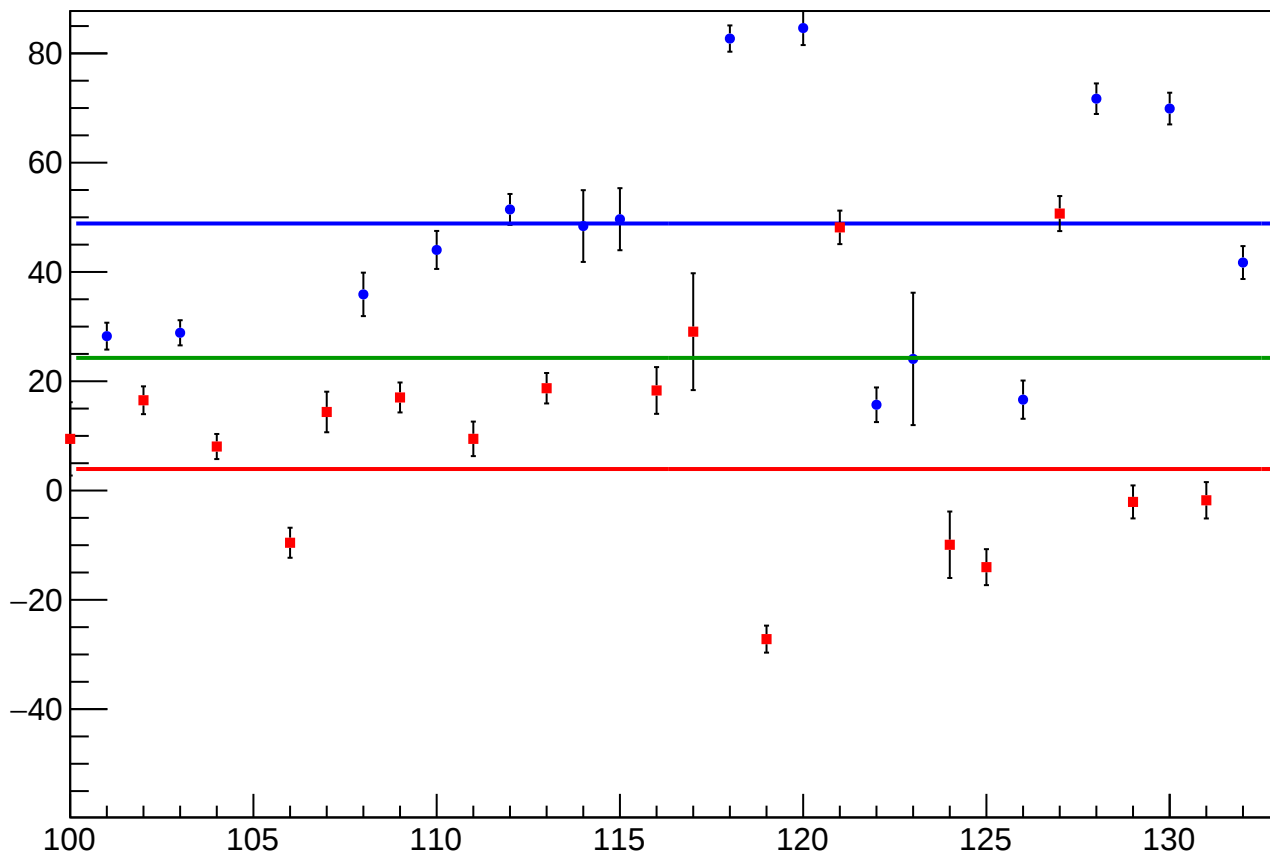
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2223.912 $\pm$ 0.453 χ^2 /NDF: 223071.5/32

2194.285 $\pm$ 0.612 χ^2 /NDF: 123150.6/17

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 48.869+/-0.816 χ^2/NDF : 812.7/14

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

Right Out: 3.939+/-0.742 χ^2/NDF : 1239.1/17

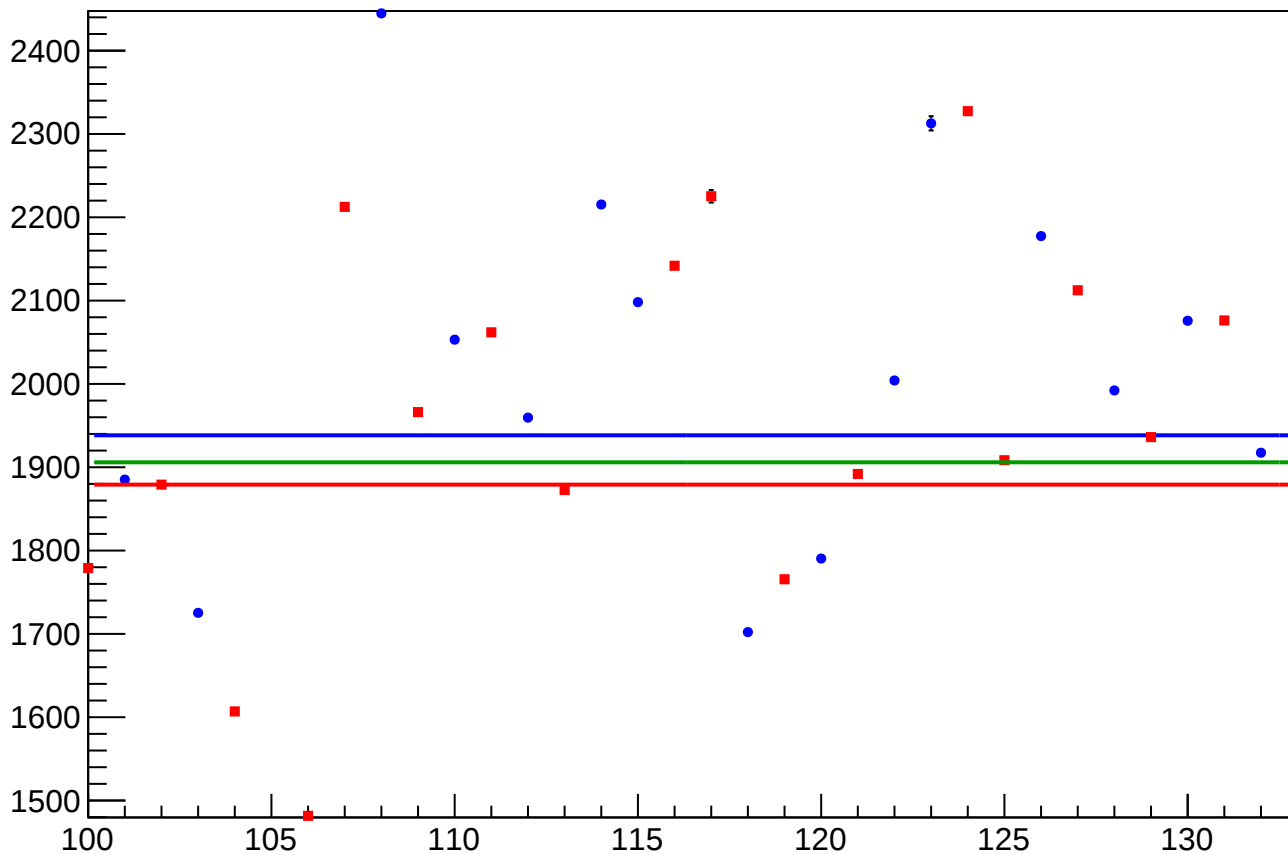
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.869+/-0.816 χ^2/NDF : 812.7/14

24.273+/-0.549 χ^2/NDF : 3709.5/32

3.939+/-0.742 χ^2/NDF : 1239.1/17

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: 1879.135+/-0.525 χ^2/NDF : 139612.0/17

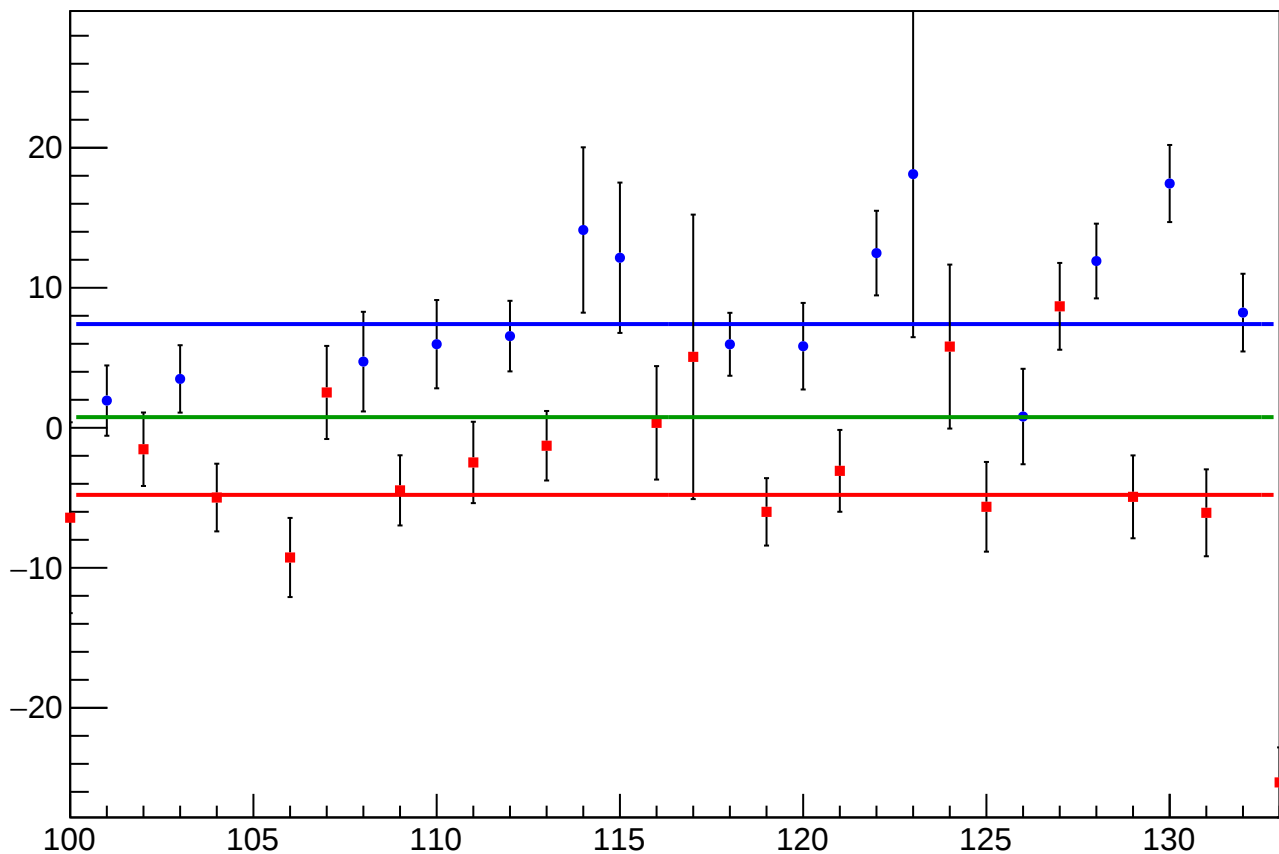
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1938.341+/-0.577 χ^2/NDF : 99212.7/14

1905.929+/-0.388 χ^2/NDF : 244581.7/32

1879.135+/-0.525 χ^2/NDF : 139612.0/17

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.408 $\pm$ 0.781 χ^2 /NDF: 34.7/14

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

Right Out: -4.790 $\pm$ 0.714 χ^2 /NDF: 104.5/17

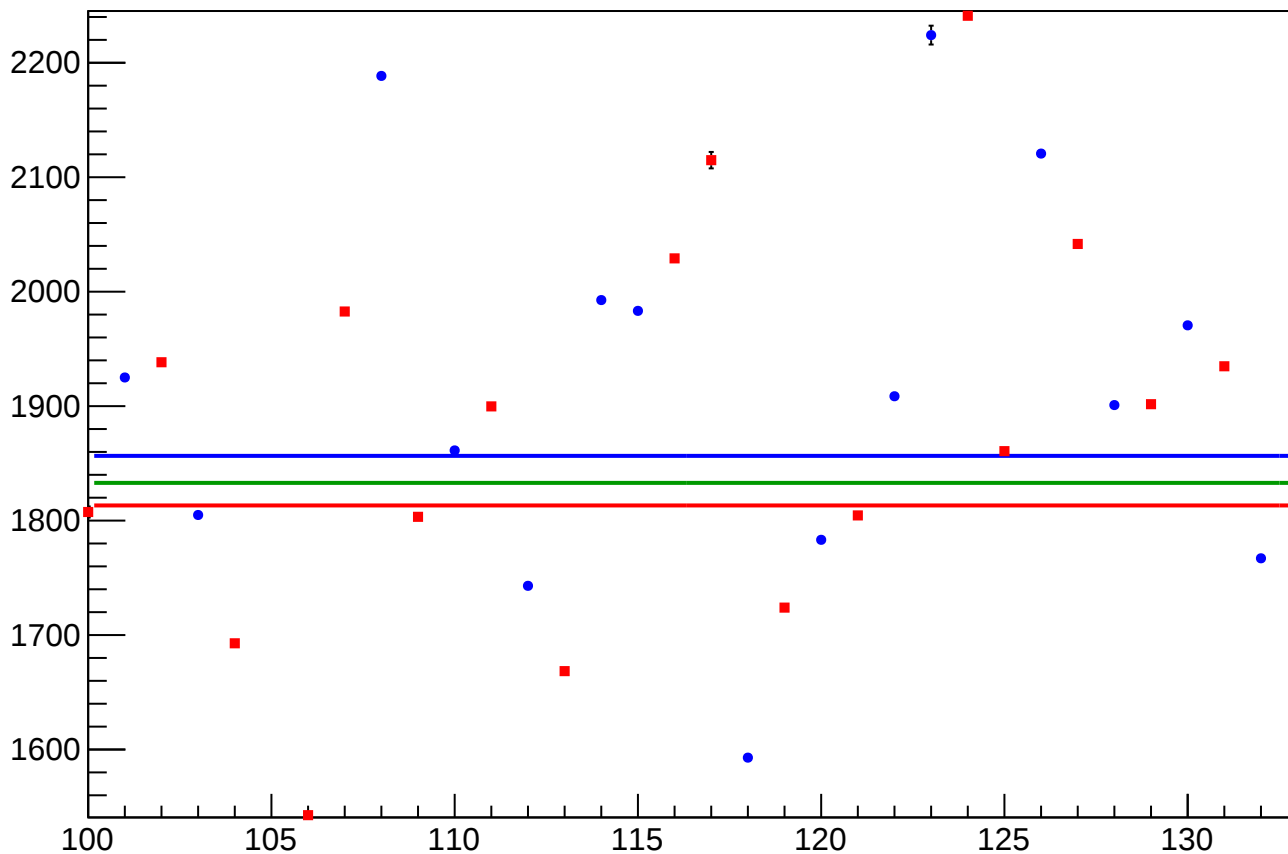
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.408 $\pm$ 0.781 χ^2 /NDF: 34.7/14

0.762 $\pm$ 0.527 χ^2 /NDF: 272.1/32

-4.790 $\pm$ 0.714 χ^2 /NDF: 104.5/17

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1856.556 $\pm$ 0.552 χ^2 /NDF: 75368.9/14

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

Right Out: 1813.235 $\pm$ 0.505 χ^2 /NDF: 88035.0/17

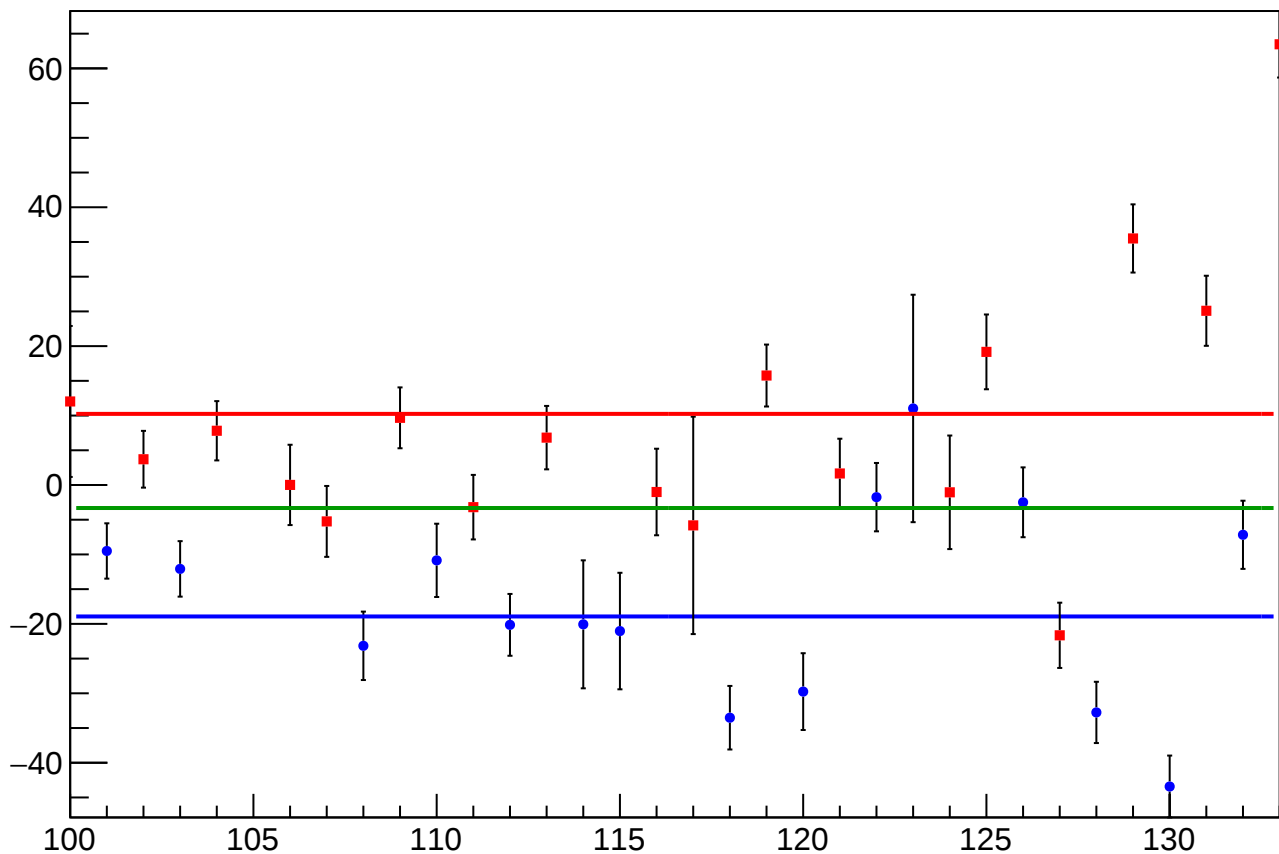
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1856.556 $\pm$ 0.552 χ^2 /NDF: 75368.9/14

1832.955 $\pm$ 0.373 χ^2 /NDF: 166756.5/32

1813.235 $\pm$ 0.505 χ^2 /NDF: 88035.0/17

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: 10.242+/-1.216 χ^2/NDF : 242.2/17

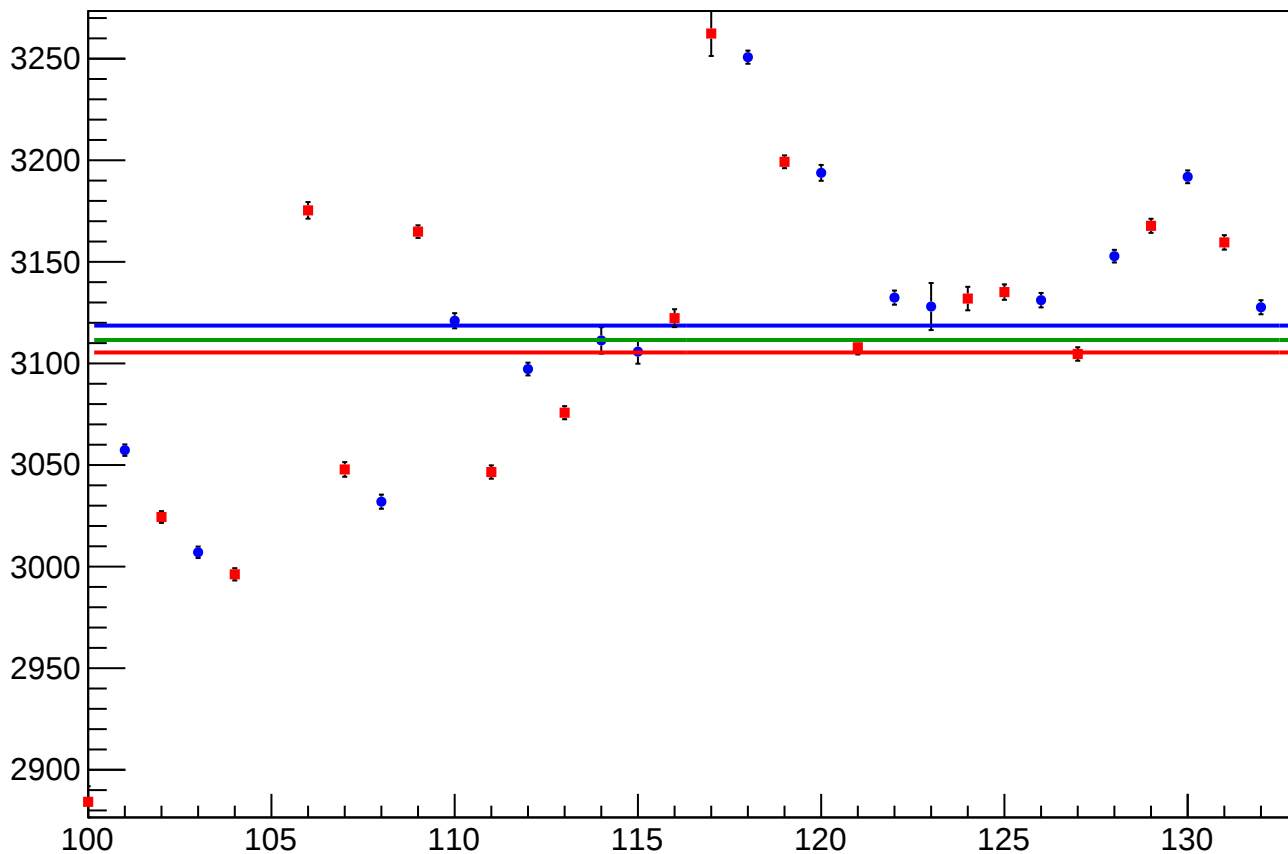
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.933+/-1.305 χ^2/NDF : 97.7/14

-3.314+/-0.889 χ^2/NDF : 607.6/32

10.242+/-1.216 χ^2/NDF : 242.2/17

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3118.632 $\pm$ 0.923 χ^2 /NDF: 5436.6/14

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

Right Out: 3105.396 $\pm$ 0.860 χ^2 /NDF: 6139.7/17

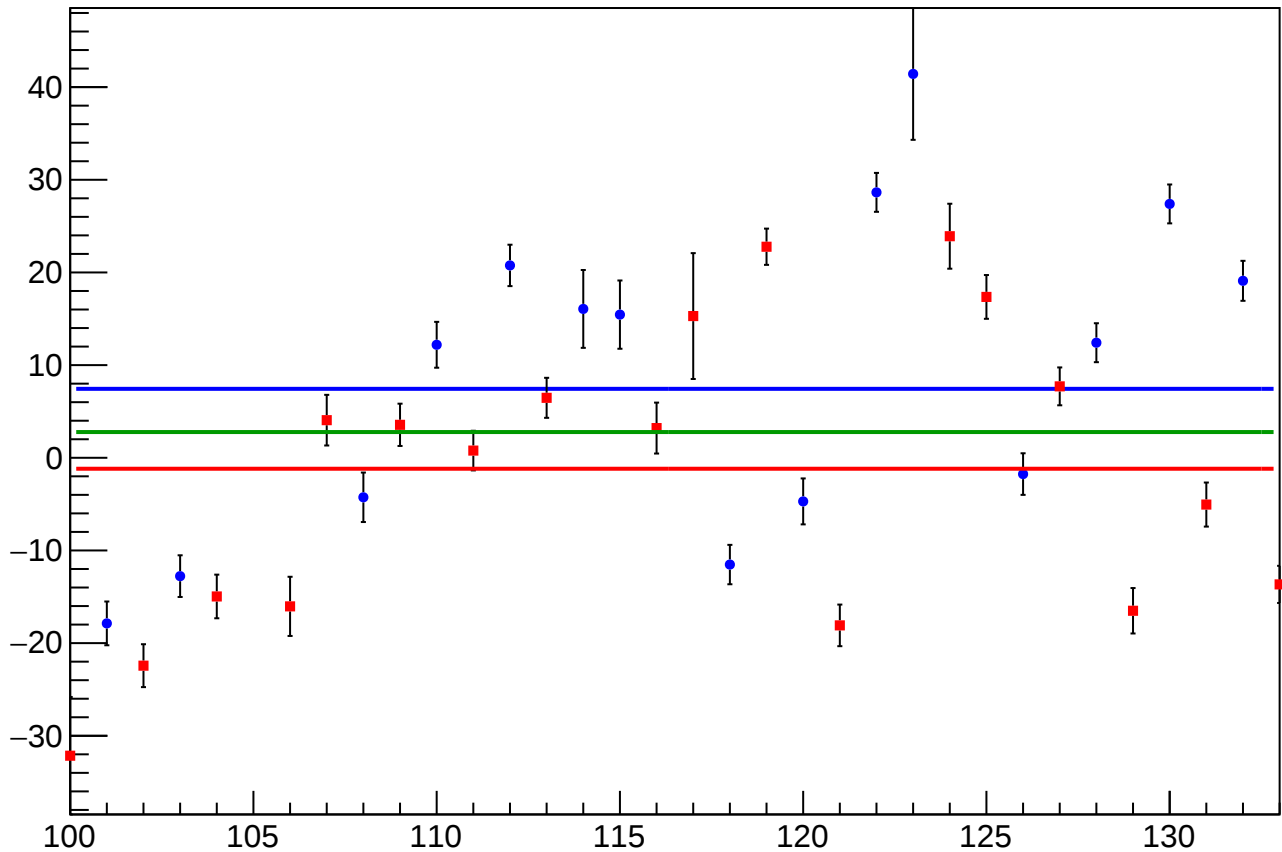
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3118.632 $\pm$ 0.923 χ^2 /NDF: 5436.6/14

3111.546 $\pm$ 0.629 χ^2 /NDF: 11686.5/32

3105.396 $\pm$ 0.860 χ^2 /NDF: 6139.7/17

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: -1.182+/-0.582 χ^2/NDF : 612.8/17

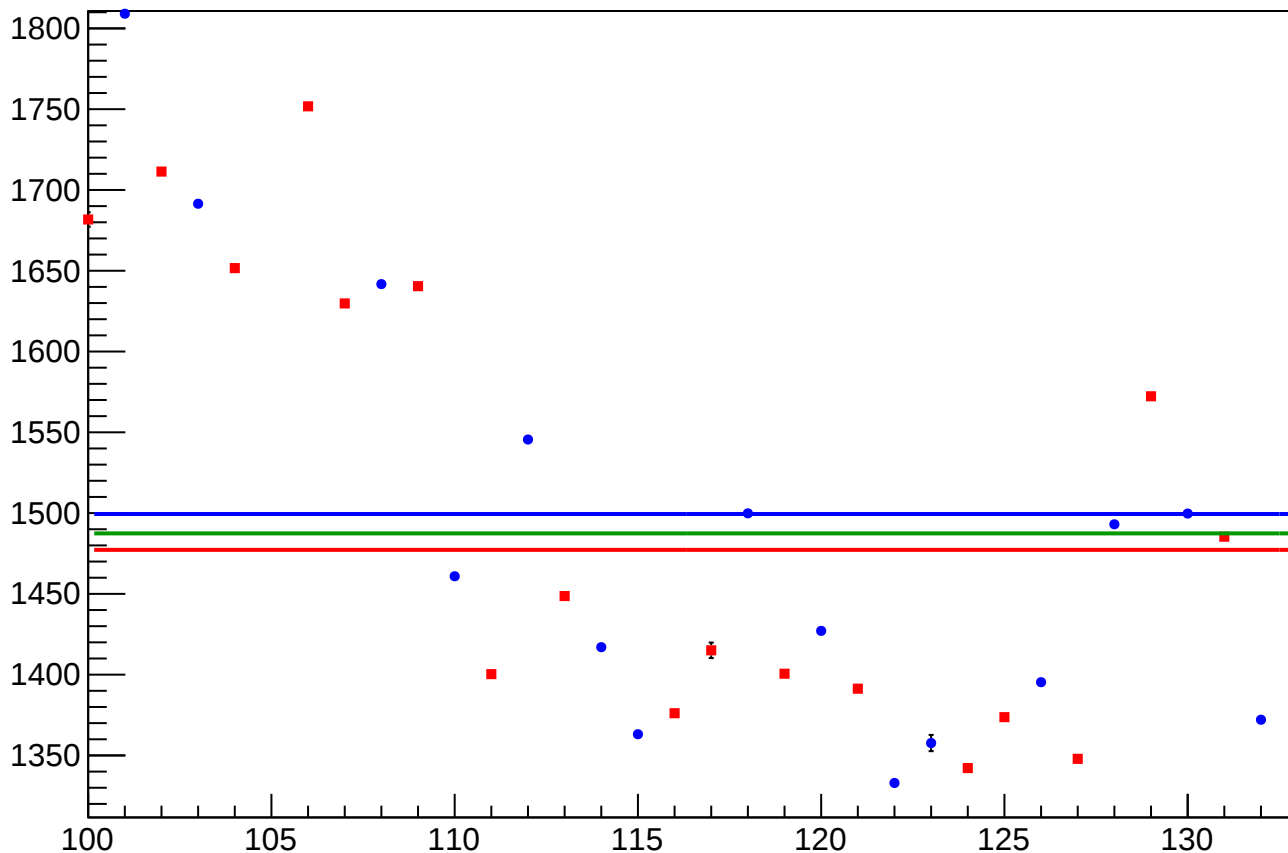
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.441+/-0.631 χ^2/NDF : 633.5/14

2.778+/-0.428 χ^2/NDF : 1347.2/32

-1.182+/-0.582 χ^2/NDF : 612.8/17

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: 1477.248 ± 0.411 χ^2/NDF : 107855.2/17

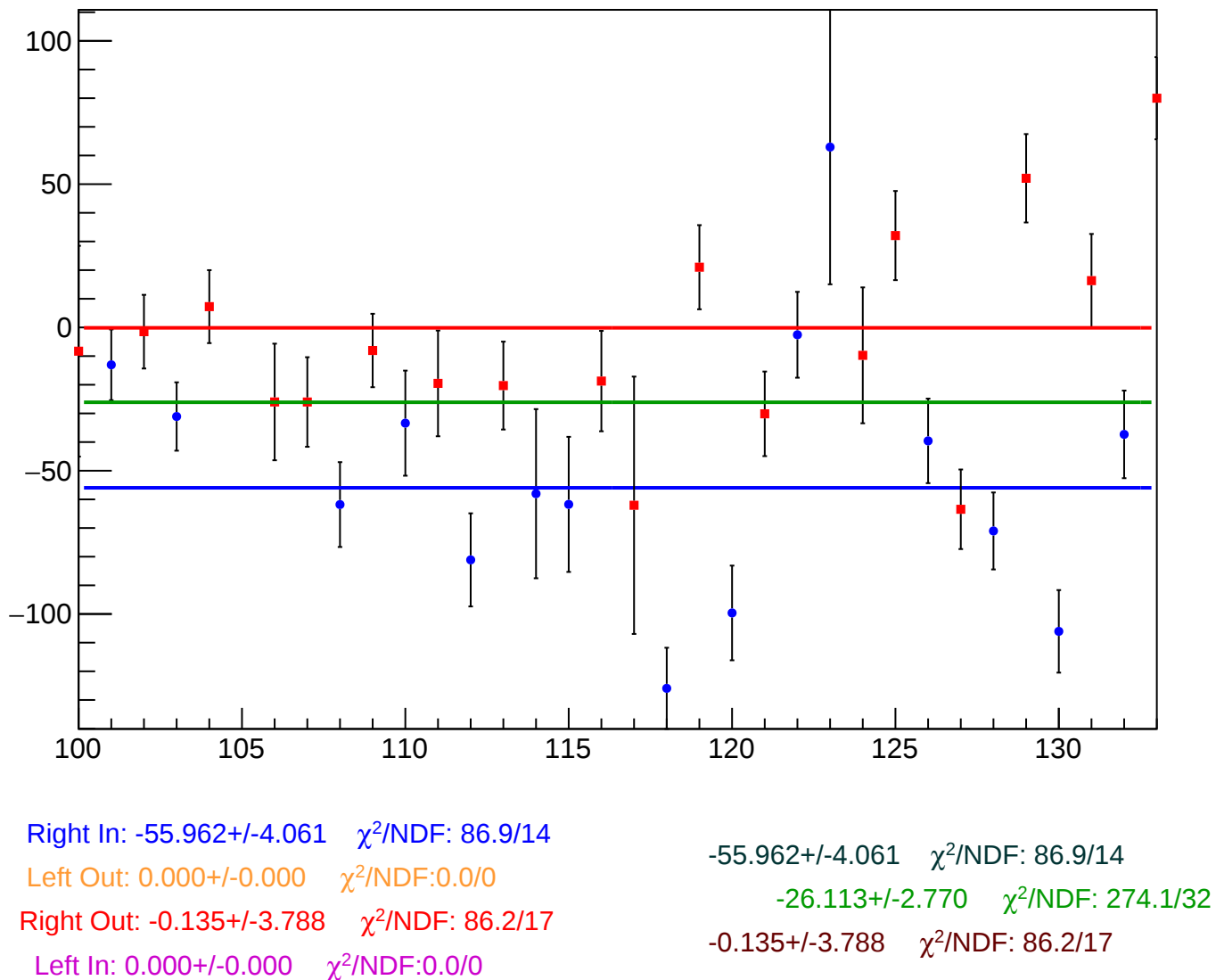
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1499.432 ± 0.446 χ^2/NDF : 85842.3/14

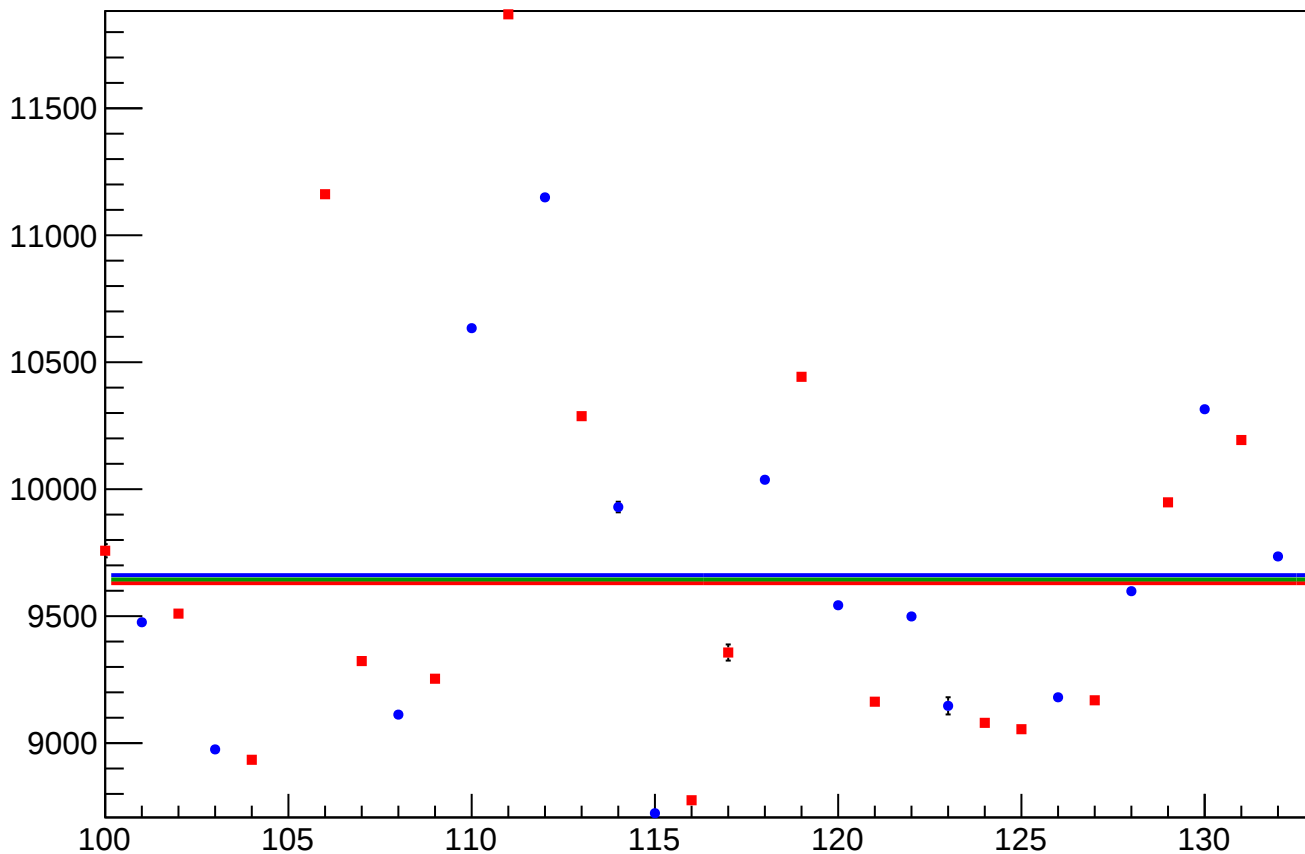
1487.435 ± 0.302 χ^2/NDF : 195033.1/32

1477.248 ± 0.411 χ^2/NDF : 107855.2/17

diff_bpm0l02X_mean vs Slug, Sign Corrected



diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9661.397 $\pm$ 2.871 χ^2 /NDF: 43860.9/14

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

Right Out: 9629.952 $\pm$ 2.679 χ^2 /NDF: 75809.6/17

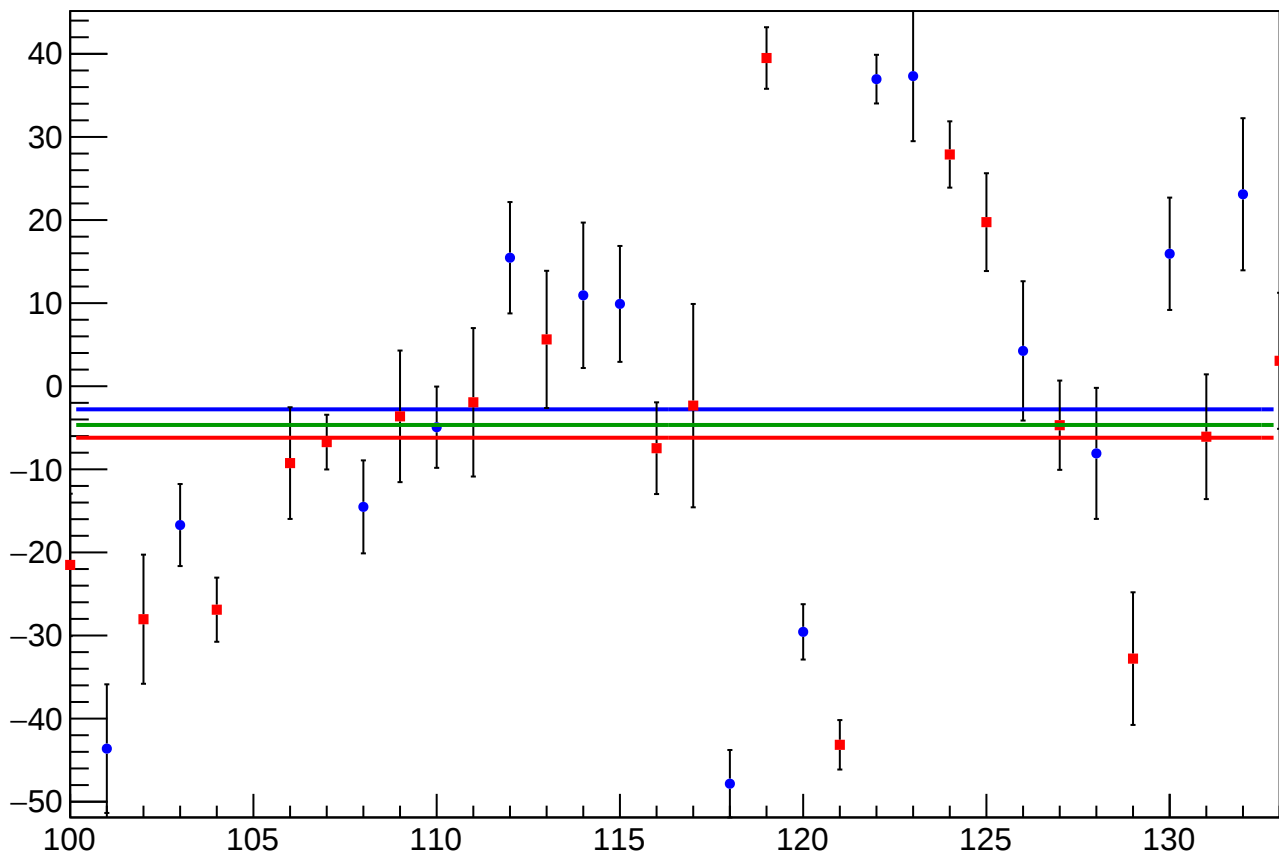
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9661.397 $\pm$ 2.871 χ^2 /NDF: 43860.9/14

9644.584 $\pm$ 1.959 χ^2 /NDF: 119734.7/32

9629.952 $\pm$ 2.679 χ^2 /NDF: 75809.6/17

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -2.781+/-1.367 χ^2/NDF : 468.6/14

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

Right Out: -6.199+/-1.236 χ^2/NDF : 453.8/17

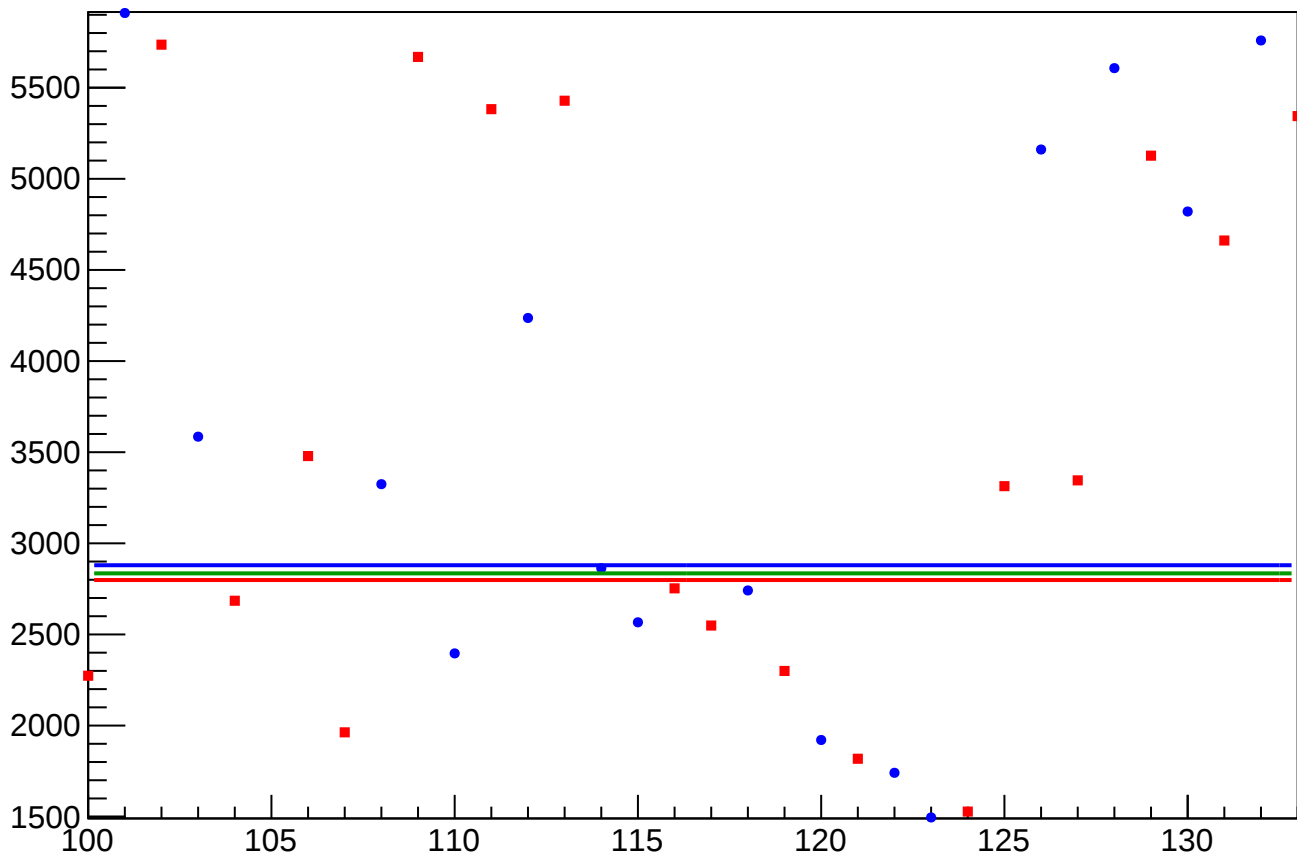
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.781+/-1.367 χ^2/NDF : 468.6/14

-4.662+/-0.917 χ^2/NDF : 925.8/32

-6.199+/-1.236 χ^2/NDF : 453.8/17

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: 2798.598 ± 0.874 χ^2/NDF : 2057420.0/17

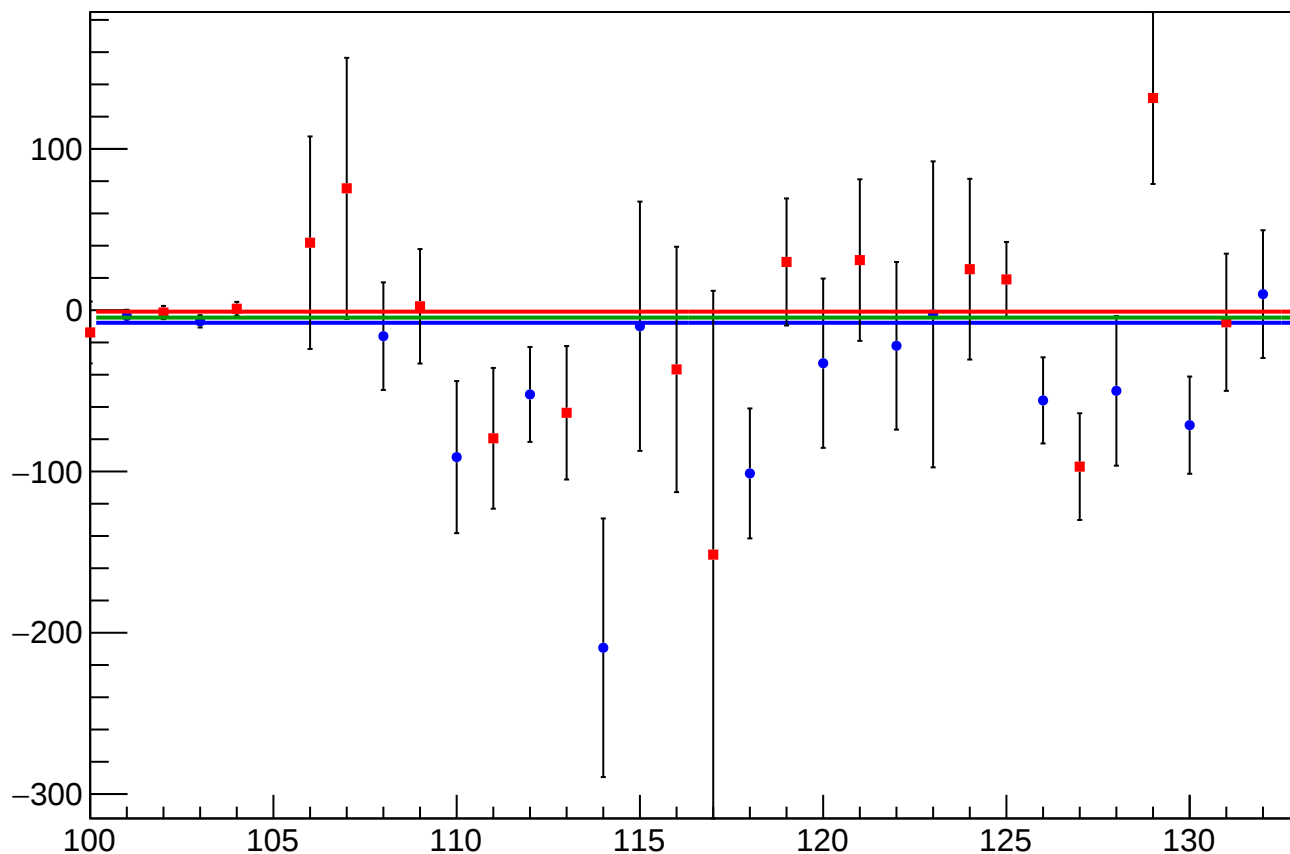
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2879.799 ± 0.967 χ^2/NDF : 1748617.6/14

2835.120 ± 0.648 χ^2/NDF : 3809921.0/32

2798.598 ± 0.874 χ^2/NDF : 2057420.0/17

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.803+/-2.639 χ^2 /NDF: 27.4/14

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

Right Out: -0.890+/-2.826 χ^2 /NDF: 25.2/17

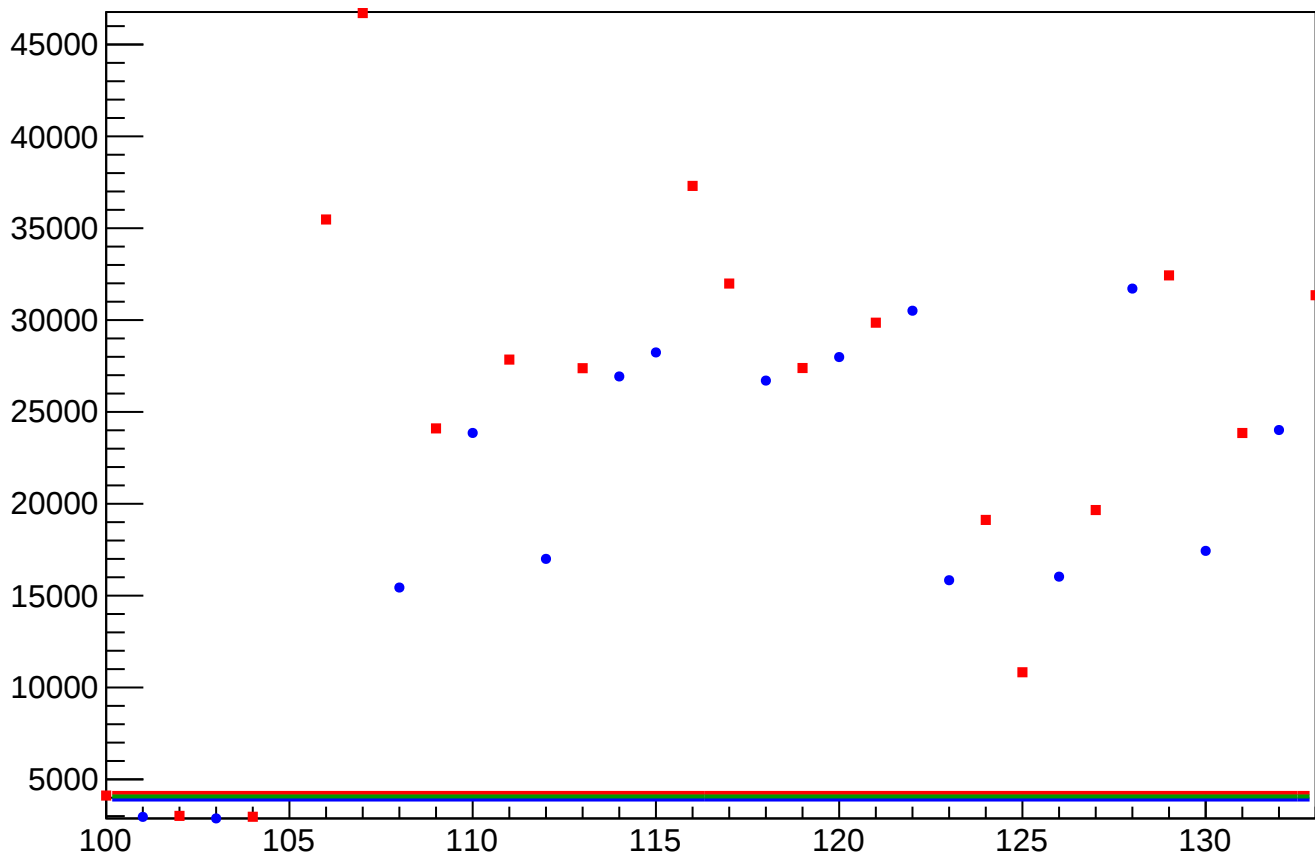
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7.803+/-2.639 χ^2 /NDF: 27.4/14

-4.582+/-1.929 χ^2 /NDF: 55.8/32

-0.890+/-2.826 χ^2 /NDF: 25.2/17

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: 4262.066+/-1.998 χ^2/NDF : 6983085.1/17

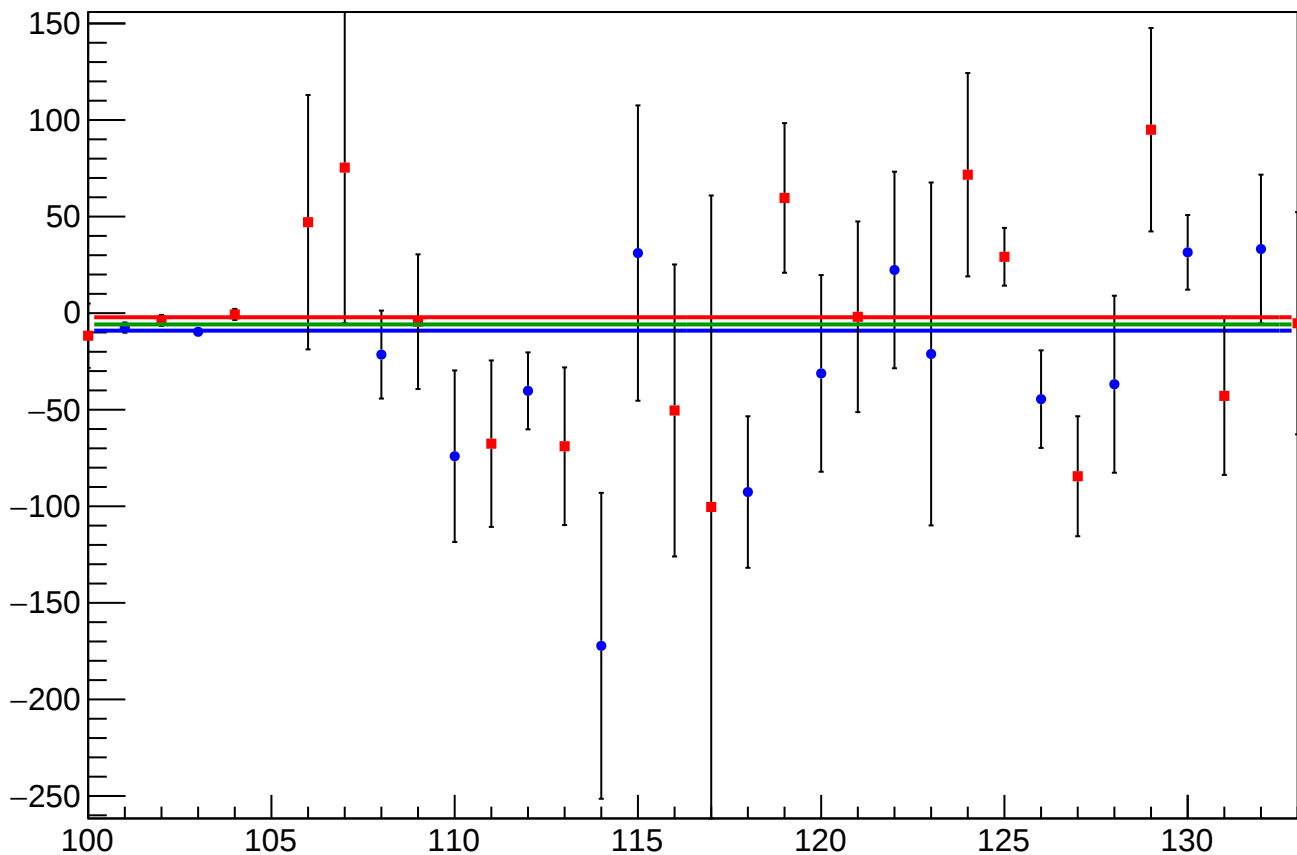
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

4069.536+/-1.364 χ^2/NDF : 12289452.4/3

4262.066+/-1.998 χ^2/NDF : 6983085.1/17

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: -2.120+/-1.957 χ^2 /NDF: 28.5/17

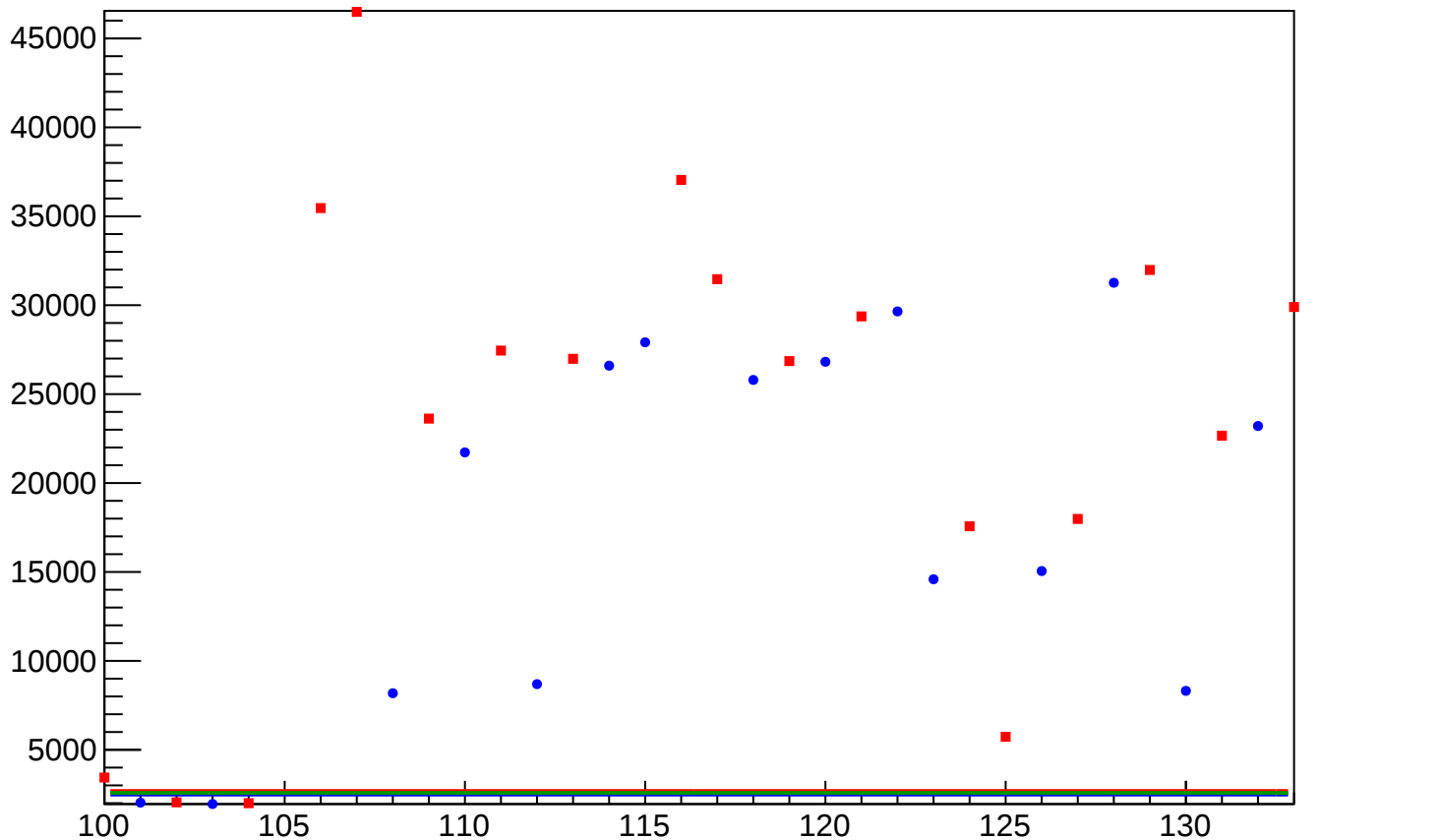
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-9.057+/-1.819 χ^2 /NDF: 22.9/14

-5.842+/-1.332 χ^2 /NDF: 58.1/32

-2.120+/-1.957 χ^2 /NDF: 28.5/17

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2486.944 $\pm$ 1.286 χ^2/NDF : 5058987.2/14

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

Right Out: 2679.663 $\pm$ 1.384 χ^2/NDF : 7509672.9/17

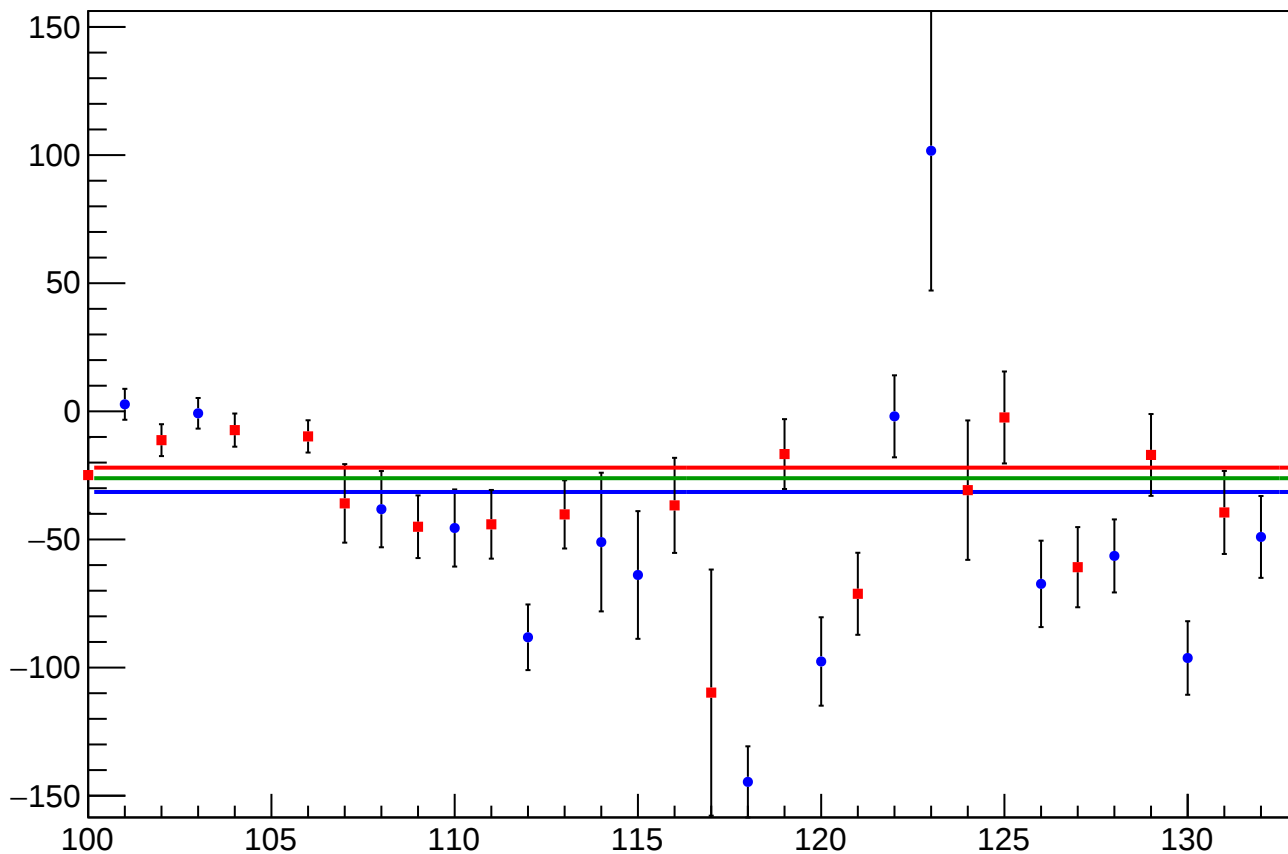
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2486.944 $\pm$ 1.286 χ^2/NDF : 5058987.2/14

2576.249 $\pm$ 0.942 χ^2/NDF : 12579068.1/3

2679.663 $\pm$ 1.384 χ^2/NDF : 7509672.9/17

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: -21.973+/-2.722 χ^2/NDF : 44.6/17

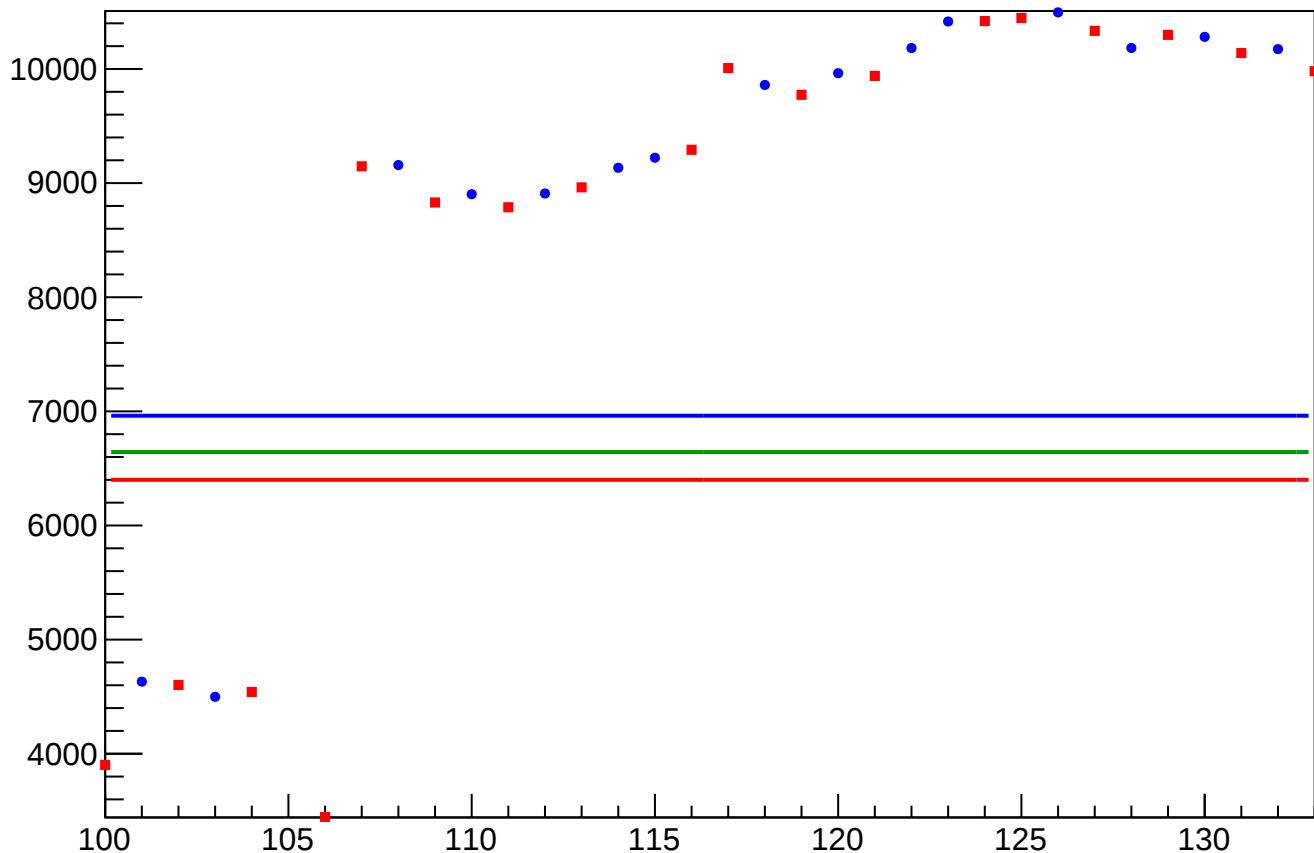
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-31.471+/-3.109 χ^2/NDF : 201.1/14

-26.095+/-2.048 χ^2/NDF : 251.0/32

-21.973+/-2.722 χ^2/NDF : 44.6/17

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: 6400.149+/-1.925 χ^2/NDF : 1999431.1/17

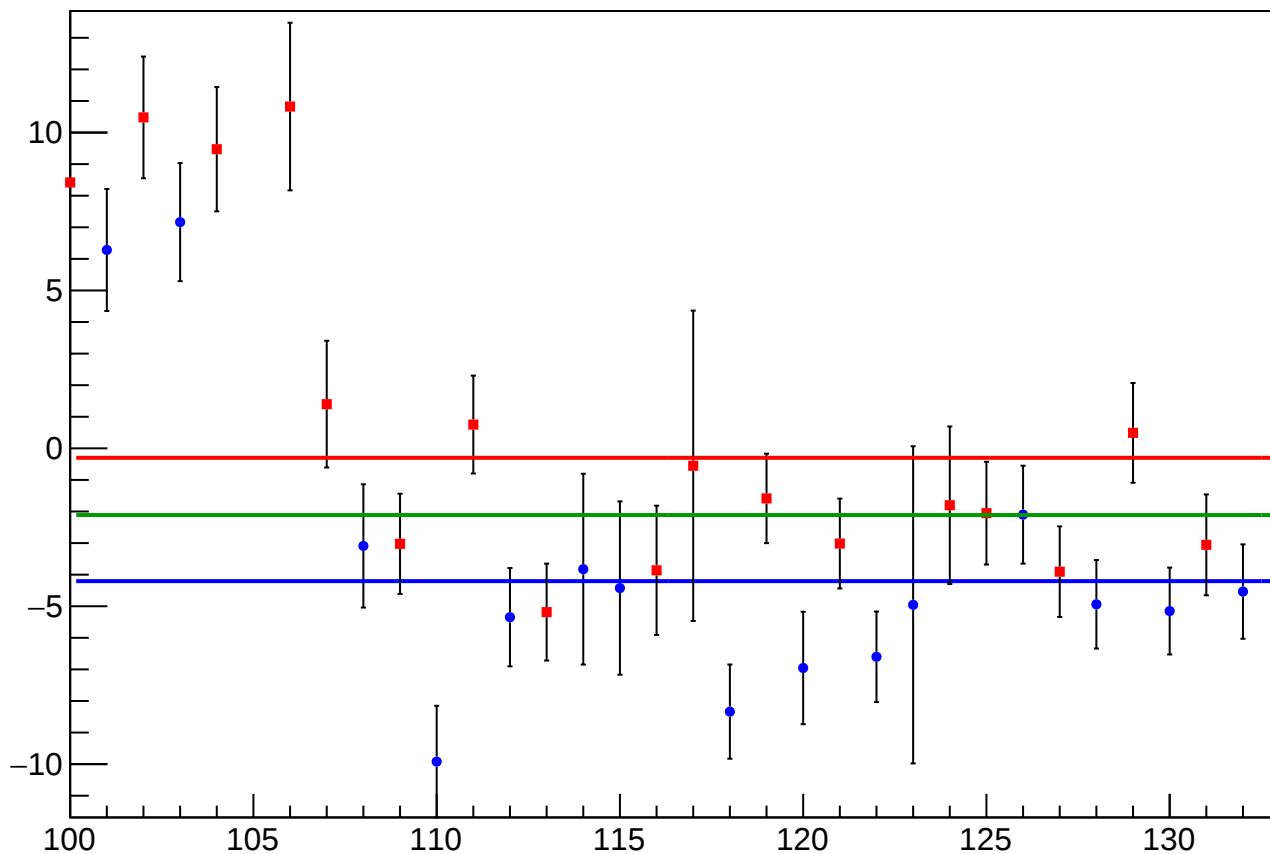
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6643.765+/-1.448 χ^2/NDF : 3441051.8/32

6400.149+/-1.925 χ^2/NDF : 1999431.1/17

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: -0.299+/-0.417 χ^2/NDF : 112.3/17

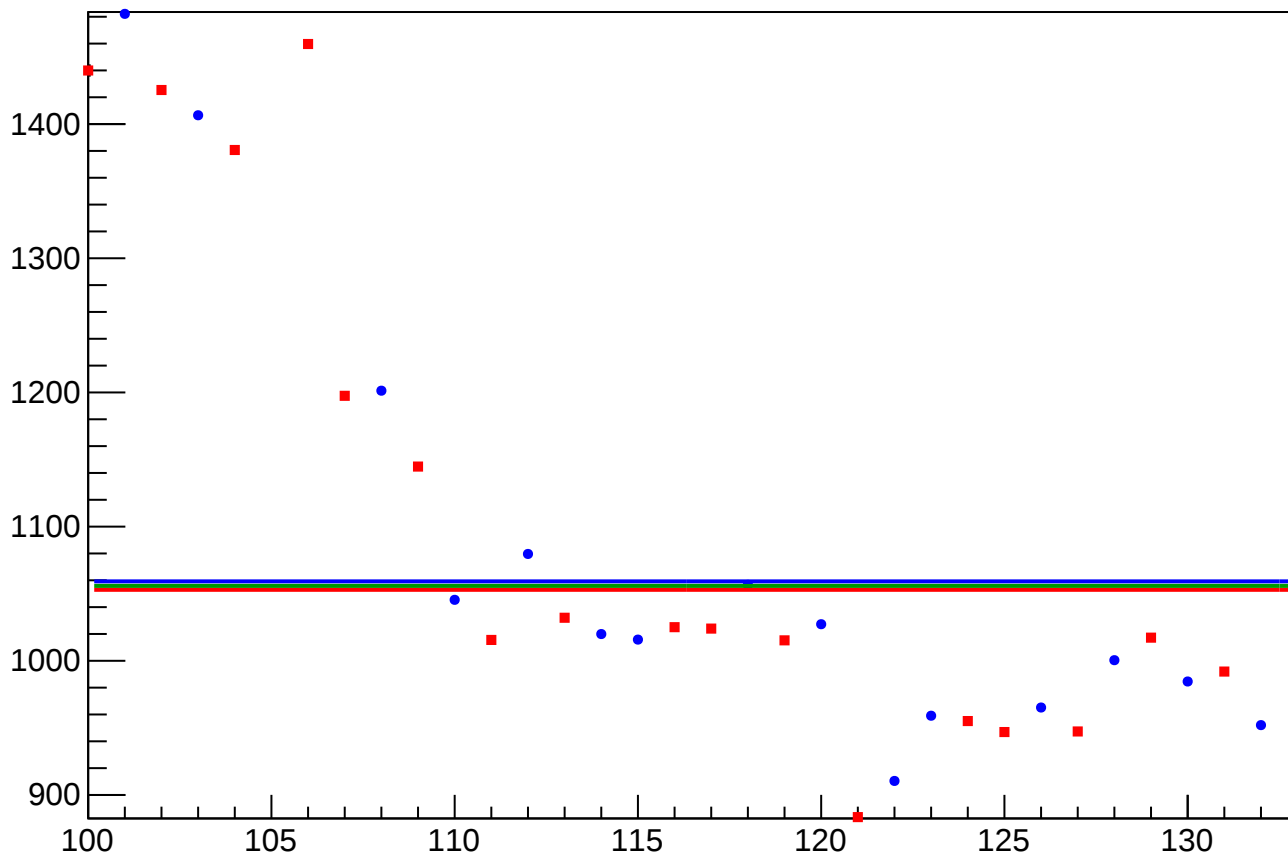
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.205+/-0.448 χ^2/NDF : 93.3/14

-2.112+/-0.305 χ^2/NDF : 246.3/32

-0.299+/-0.417 χ^2/NDF : 112.3/17

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: 1052.905 $\pm$ 0.295 χ^2 /NDF: 272383.6/17

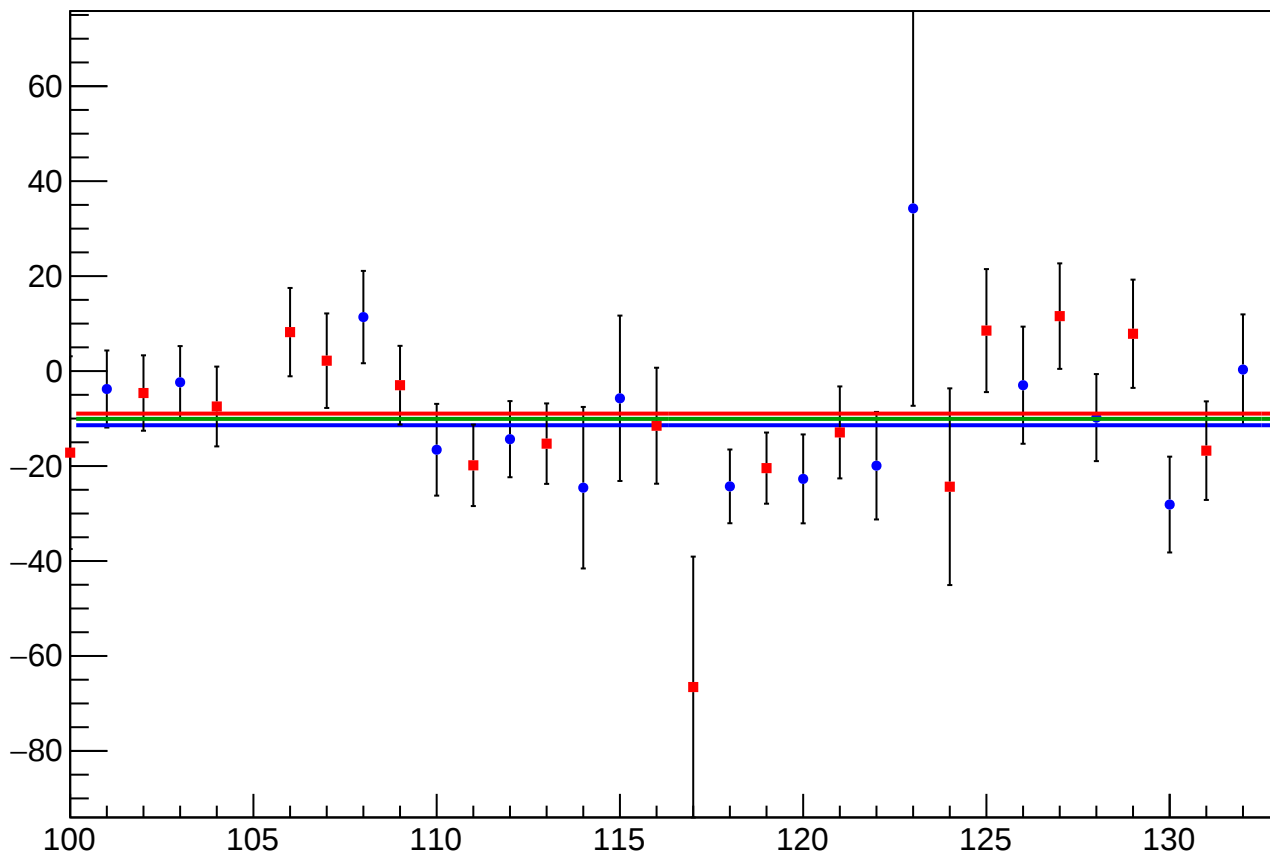
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1055.825 $\pm$ 0.216 χ^2 /NDF: 499365.6/32

1052.905 $\pm$ 0.295 χ^2 /NDF: 272383.6/17

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.407 $\pm$ 2.599 χ^2 /NDF: 19.1/14

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

Right Out: -8.956 $\pm$ 2.365 χ^2 /NDF: 26.0/17

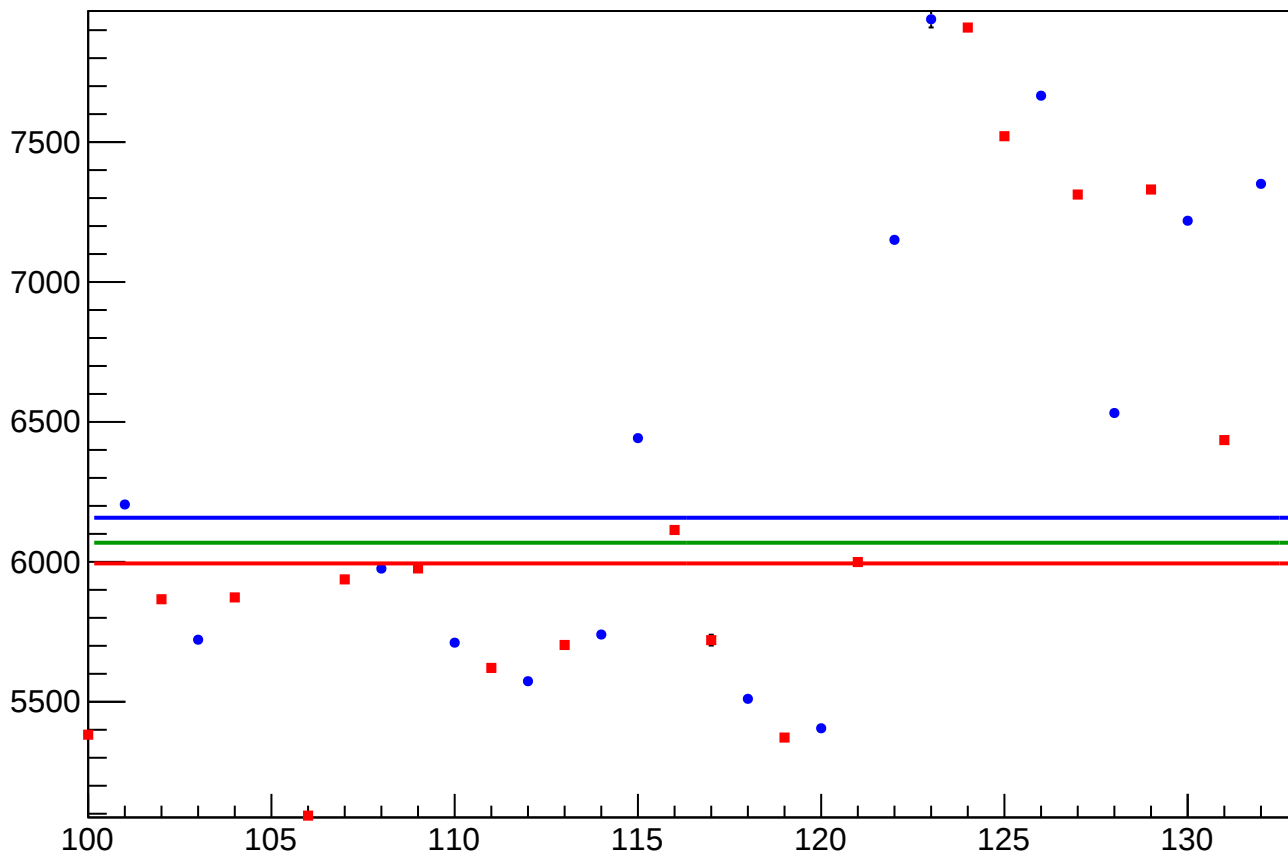
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.407 $\pm$ 2.599 χ^2 /NDF: 19.1/14

-10.066 $\pm$ 1.749 χ^2 /NDF: 45.6/32

-8.956 $\pm$ 2.365 χ^2 /NDF: 26.0/17

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: 5994.427 $\pm$ 1.673 χ^2 /NDF: 146948.2/17

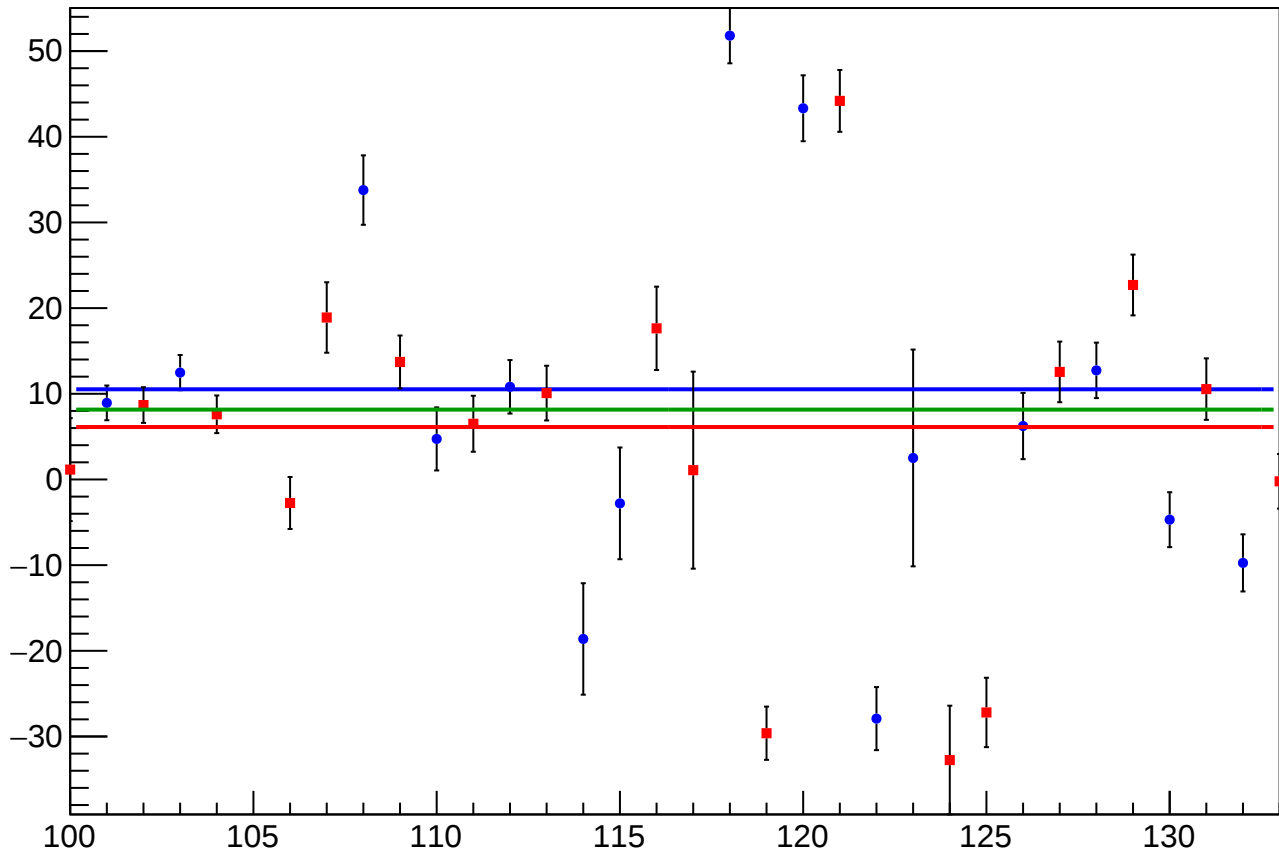
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

6068.404 $\pm$ 1.237 χ^2 /NDF: 297484.9/32

5994.427 $\pm$ 1.673 χ^2 /NDF: 146948.2/17

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 10.524+/-0.858 χ^2/NDF : 468.0/14

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

Right Out: 6.120+/-0.795 χ^2/NDF : 413.5/17

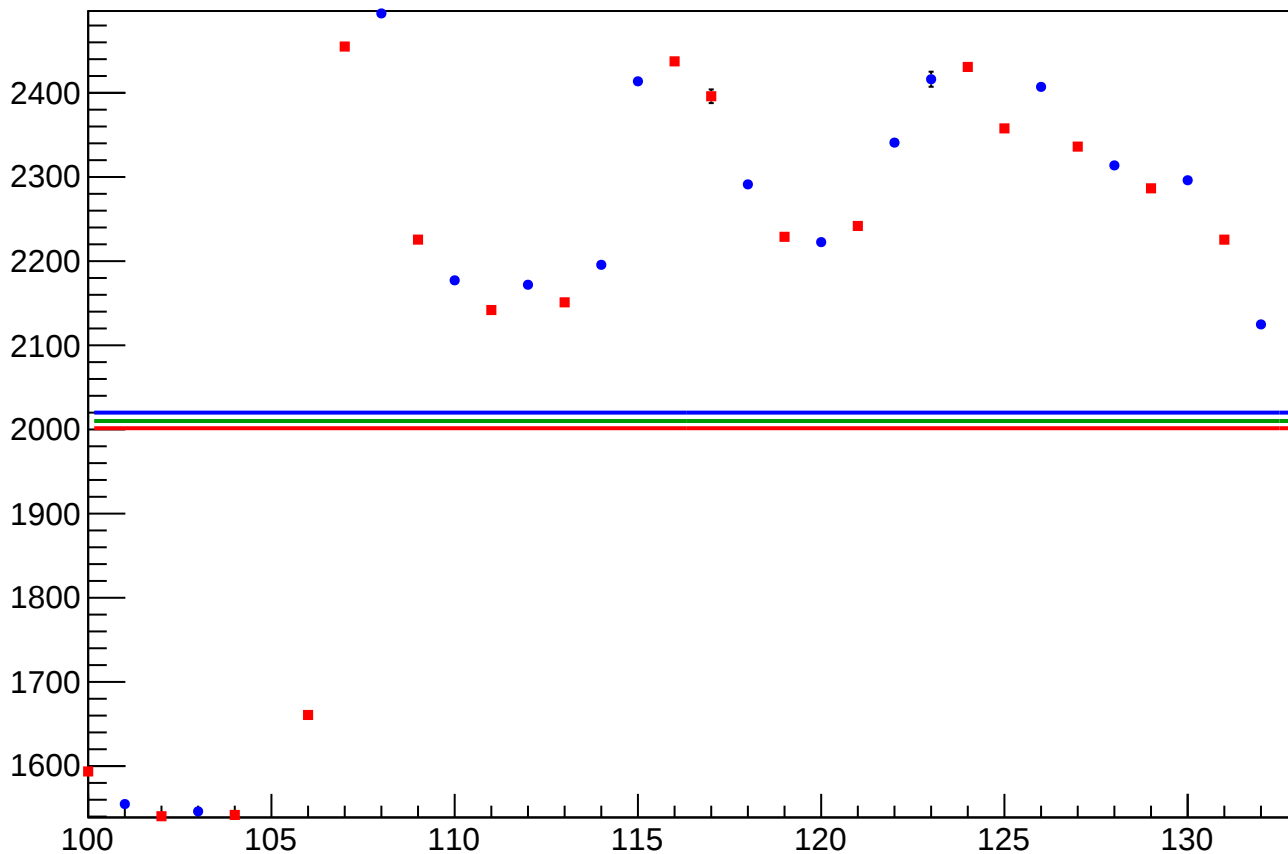
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.524+/-0.858 χ^2/NDF : 468.0/14

8.155+/-0.583 χ^2/NDF : 895.6/32

6.120+/-0.795 χ^2/NDF : 413.5/17

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: 2001.469+/-0.562 χ^2/NDF : 365890.4/17

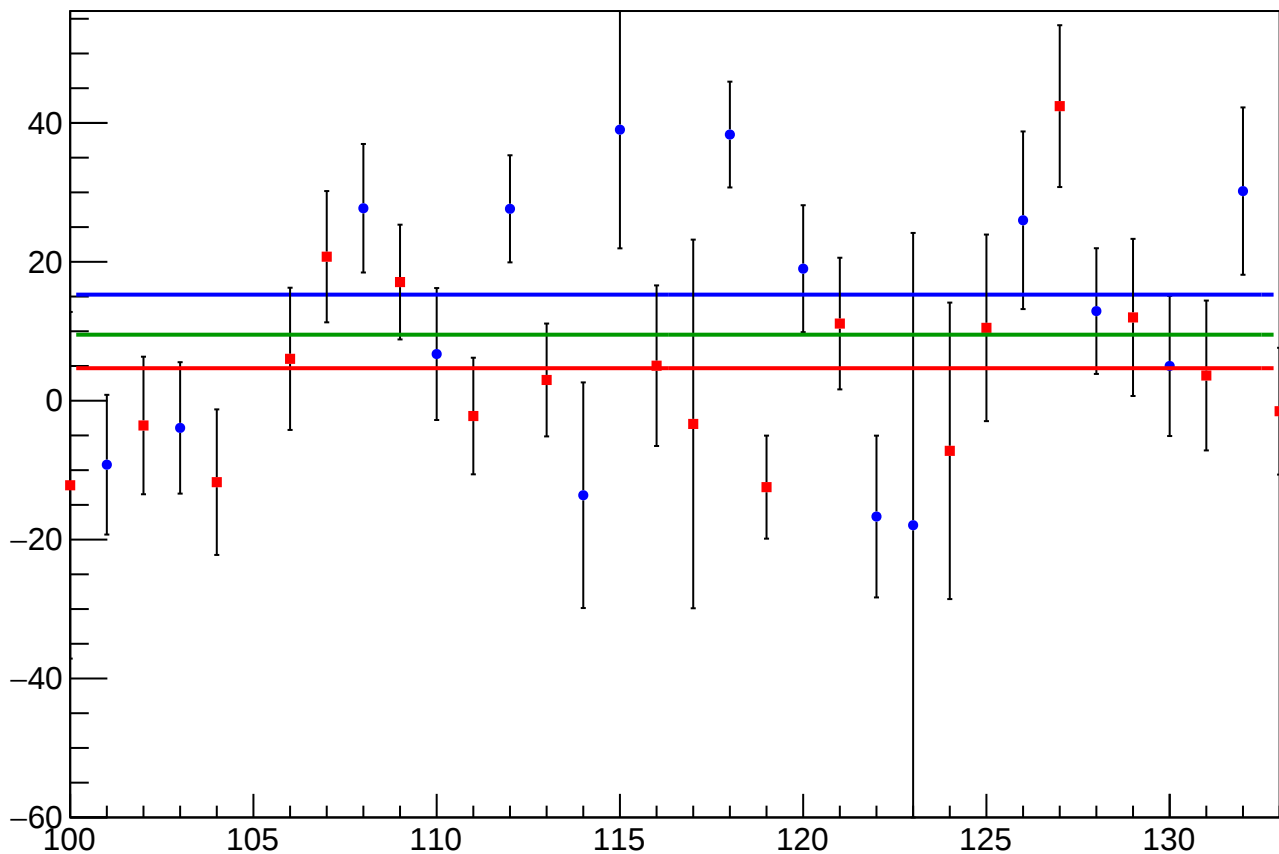
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2010.042+/-0.412 χ^2/NDF : 712835.8/32

2001.469+/-0.562 χ^2/NDF : 365890.4/17

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.276 $\pm$ 2.673 χ^2 /NDF: 41.1/14

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

Right Out: 4.682 $\pm$ 2.445 χ^2 /NDF: 27.2/17

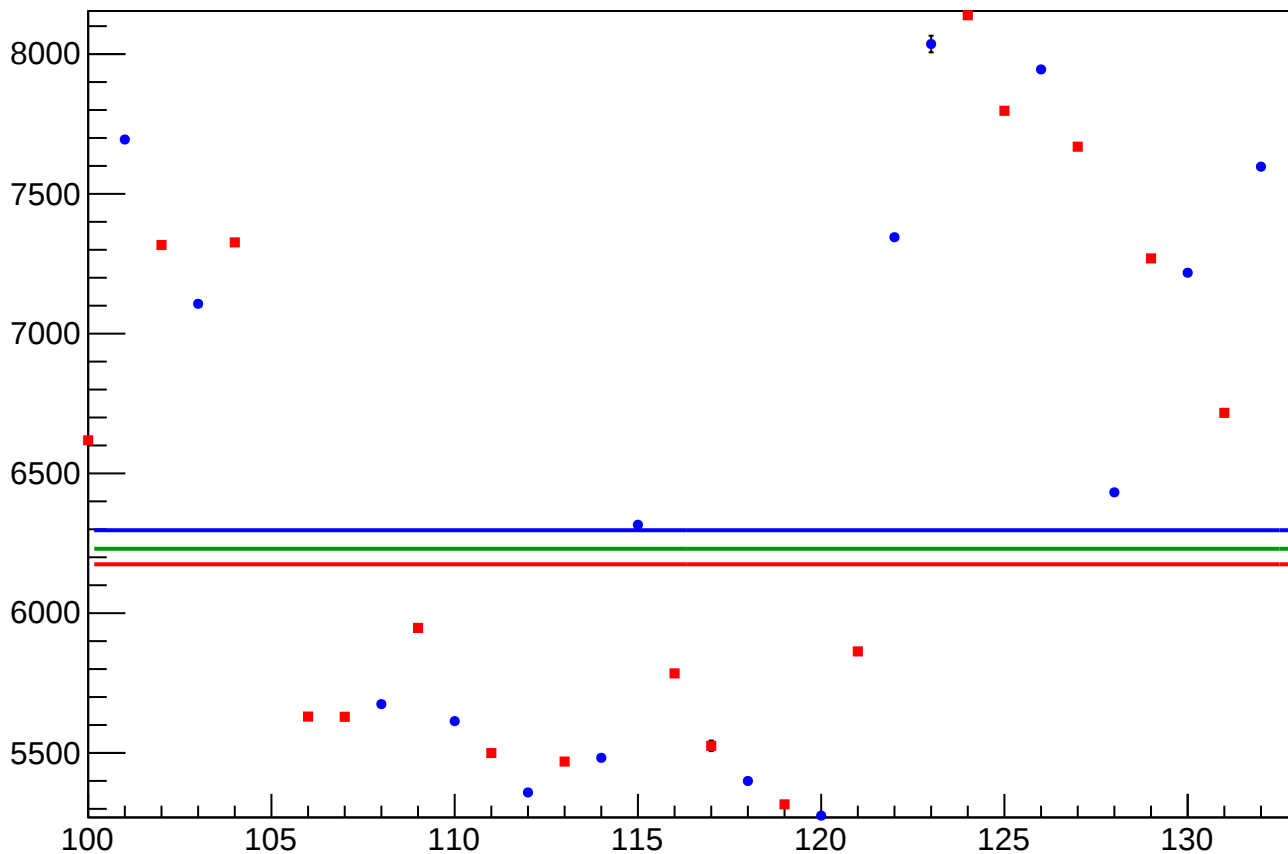
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.276 $\pm$ 2.673 χ^2 /NDF: 41.1/14

9.508 $\pm$ 1.804 χ^2 /NDF: 76.9/32

4.682 $\pm$ 2.445 χ^2 /NDF: 27.2/17

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: 6174.807 $\pm$ 1.729 χ^2 /NDF: 229498.6/17

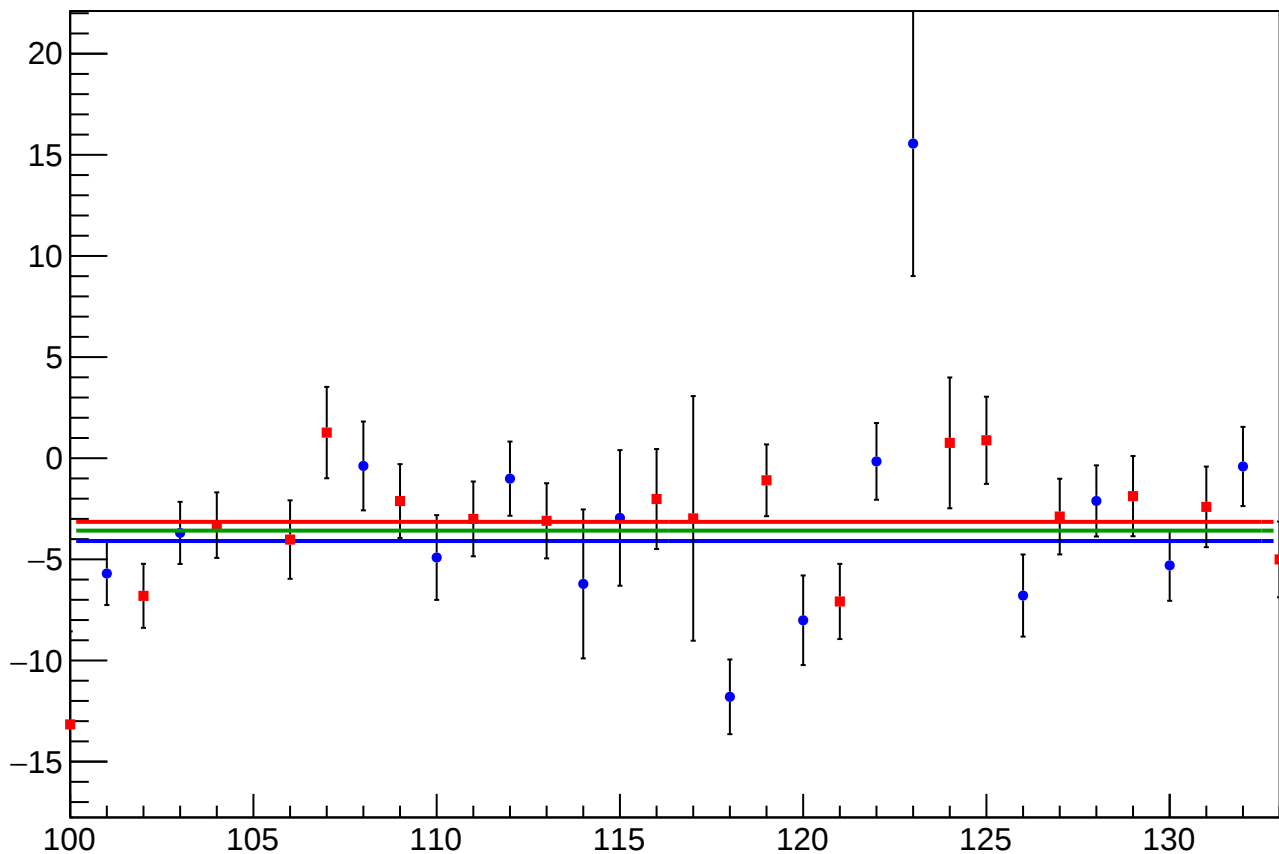
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

6230.346 $\pm$ 1.275 χ^2 /NDF: 484973.1/32

6174.807 $\pm$ 1.729 χ^2 /NDF: 229498.6/17

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: -3.145+/-0.479 χ^2/NDF : 27.0/17

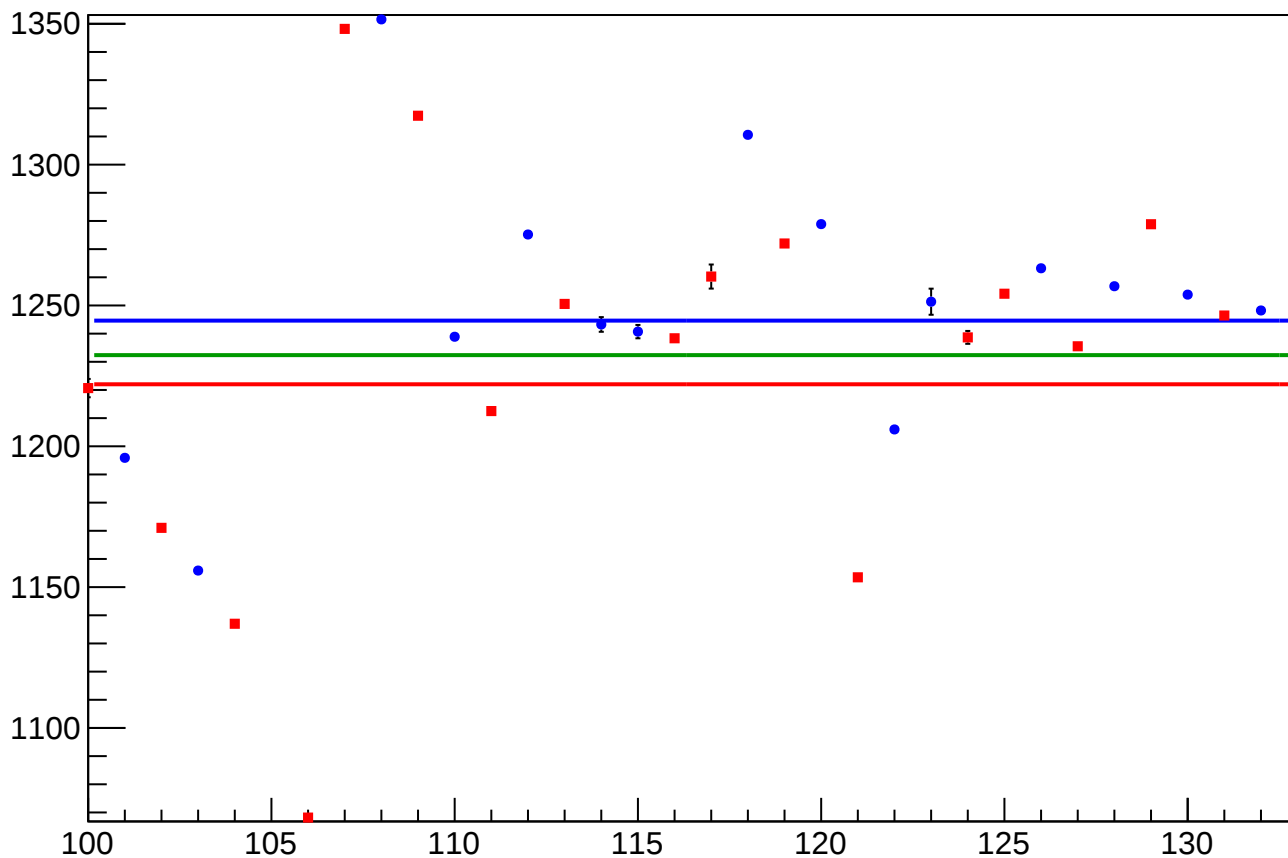
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.093+/-0.521 χ^2/NDF : 48.3/14

-3.579+/-0.353 χ^2/NDF : 77.1/32

-3.145+/-0.479 χ^2/NDF : 27.0/17

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1244.621 $\pm$ 0.368 χ^2 /NDF: 18137.0/14

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

Right Out: 1222.018 $\pm$ 0.339 χ^2 /NDF: 39437.5/17

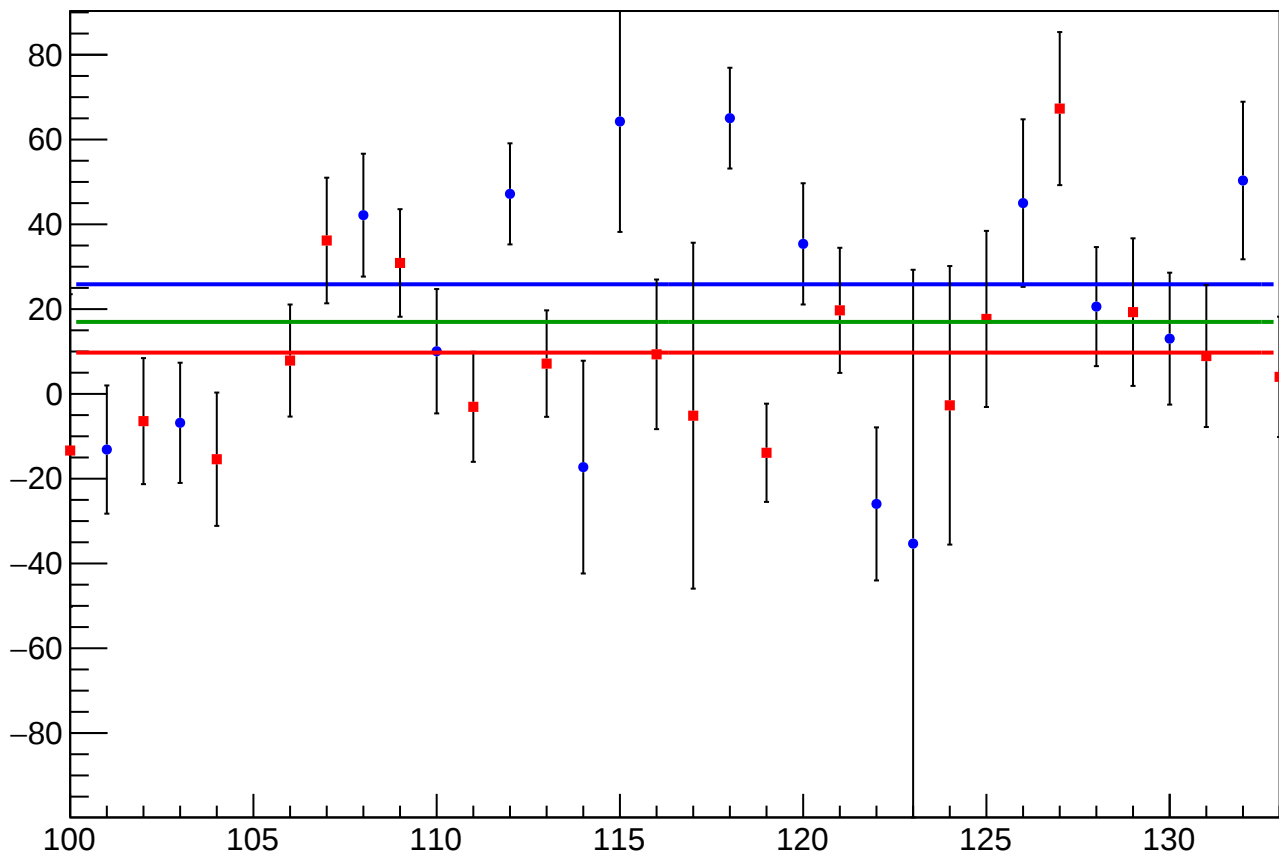
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1244.621 $\pm$ 0.368 χ^2 /NDF: 18137.0/14

1232.370 $\pm$ 0.249 χ^2 /NDF: 59614.1/32

1222.018 $\pm$ 0.339 χ^2 /NDF: 39437.5/17

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: 9.742+/-3.725 χ^2 /NDF: 26.8/17

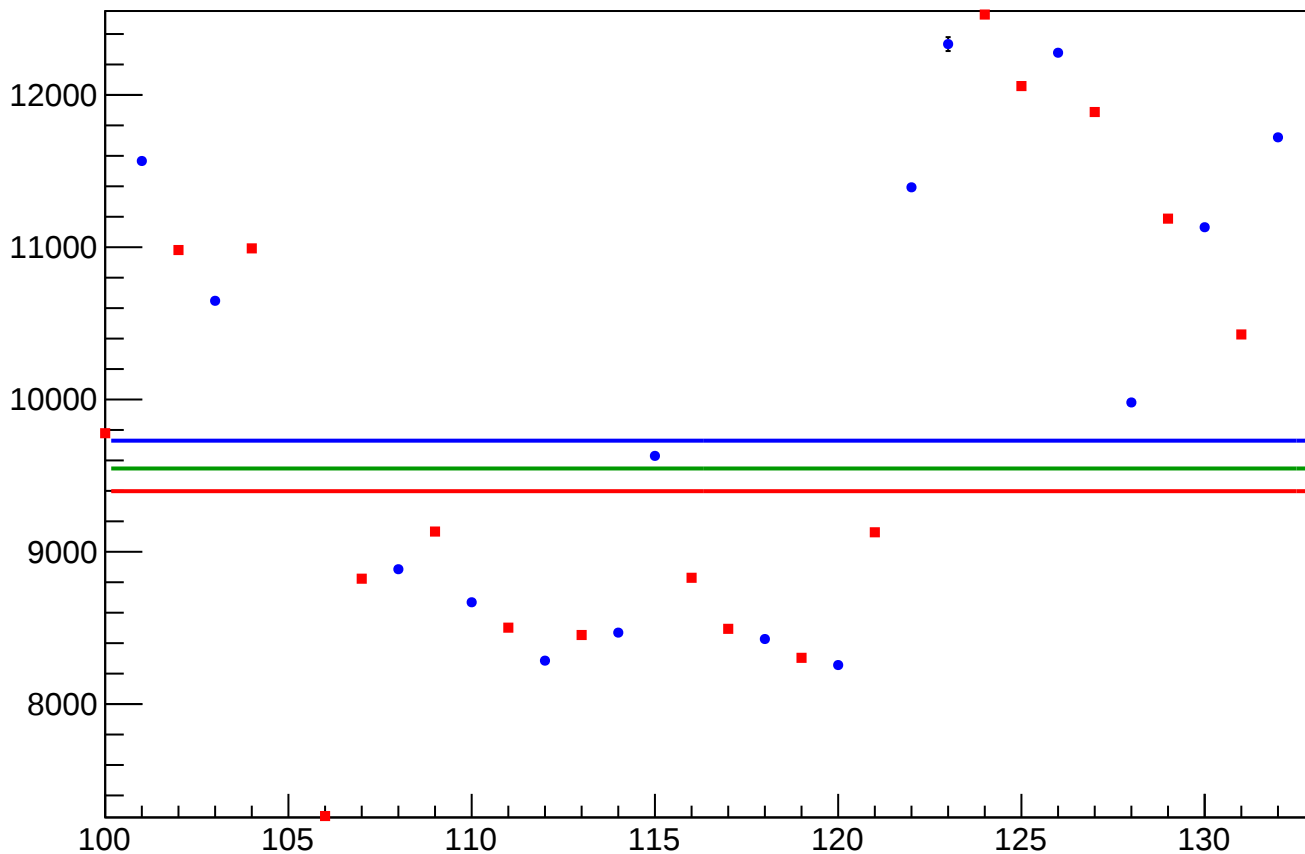
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

25.856+/-4.124 χ^2 /NDF: 46.6/14

16.981+/-2.764 χ^2 /NDF: 81.9/32

9.742+/-3.725 χ^2 /NDF: 26.8/17

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: 9398.014+/-2.634 χ^2/NDF : 259732.2/17

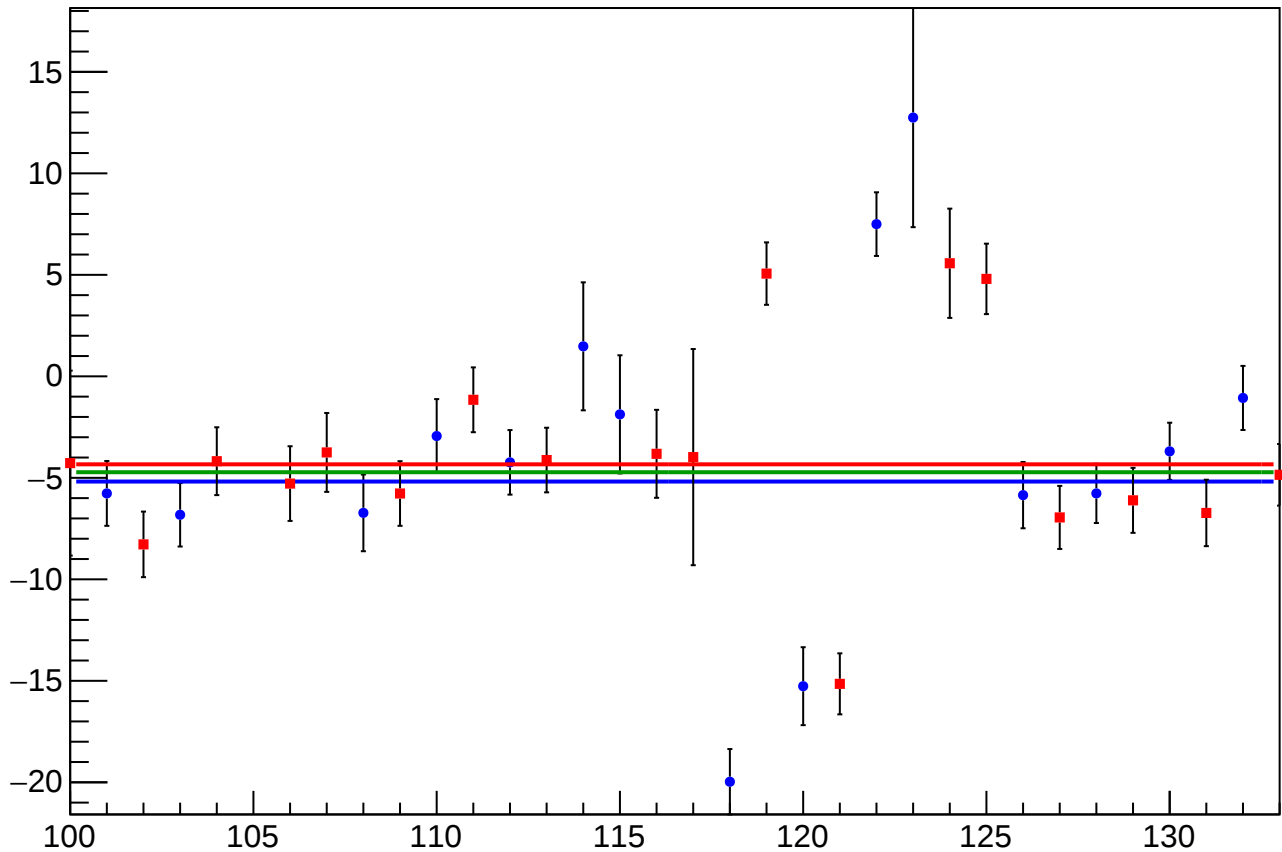
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

9547.008+/-1.955 χ^2/NDF : 494993.7/32

9398.014+/-2.634 χ^2/NDF : 259732.2/17

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: -4.334+/-0.418 χ^2/NDF : 147.9/17

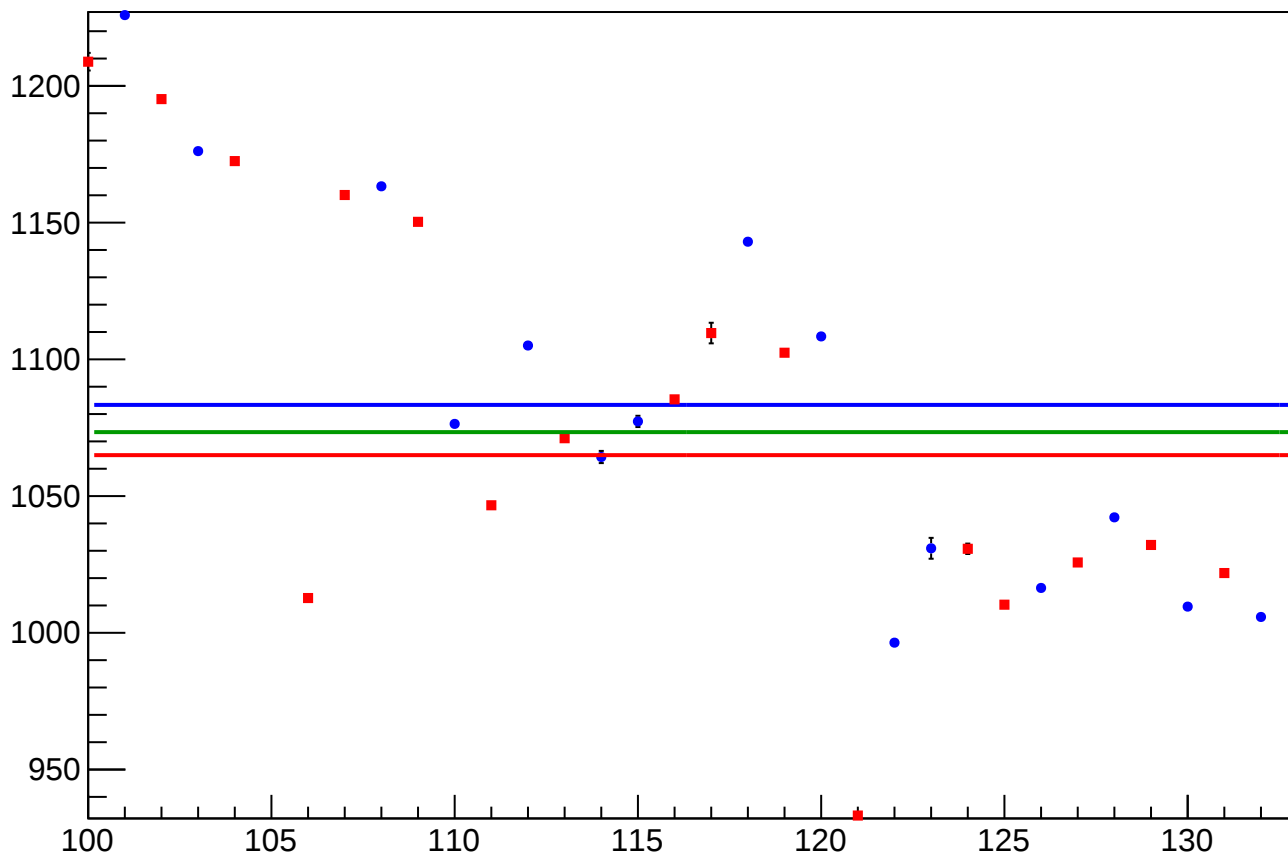
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.183+/-0.454 χ^2/NDF : 206.1/14

-4.723+/-0.308 χ^2/NDF : 355.9/32

-4.334+/-0.418 χ^2/NDF : 147.9/17

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: 1064.974 $\pm$ 0.295 χ^2 /NDF: 62359.4/17

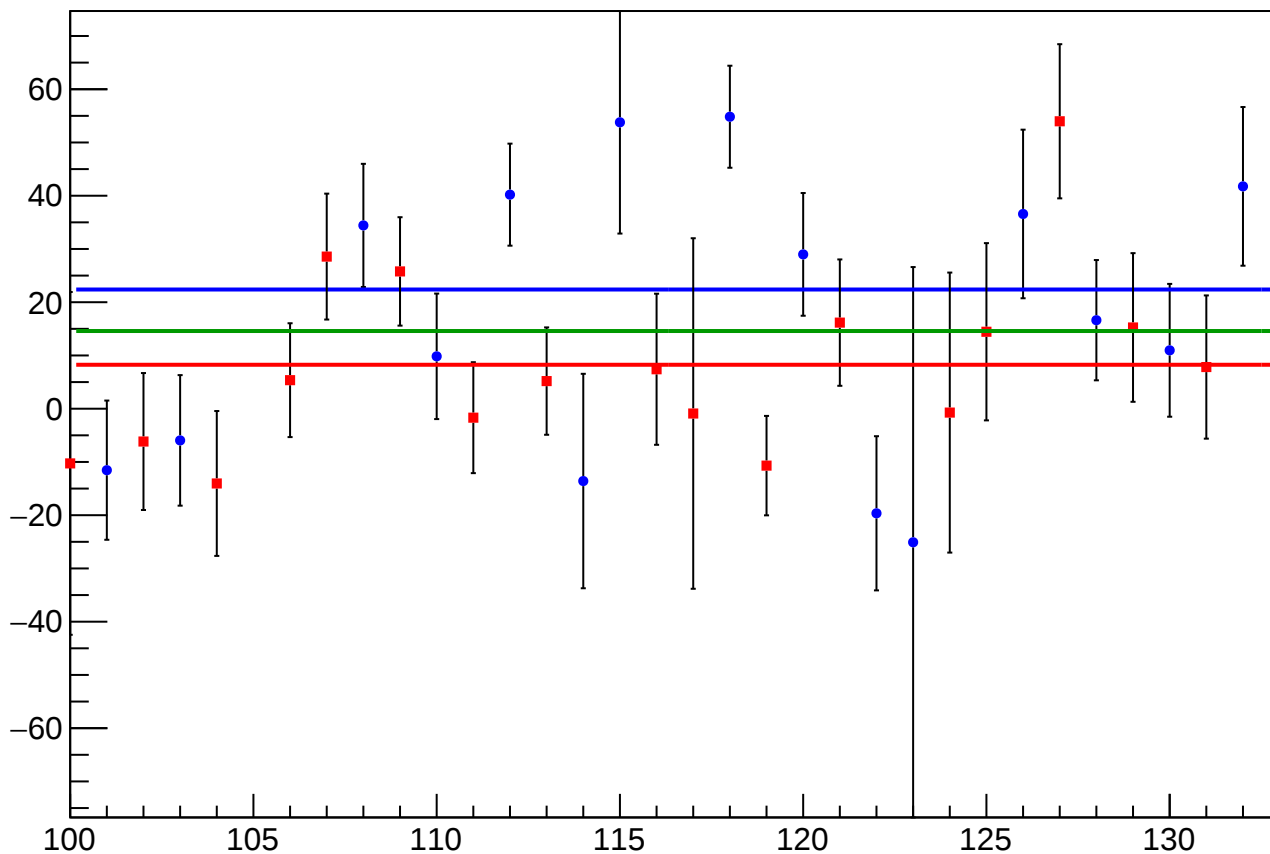
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1073.393 $\pm$ 0.217 χ^2 /NDF: 115849.6/32

1064.974 $\pm$ 0.295 χ^2 /NDF: 62359.4/17

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: 8.253 $\pm$ 3.020 χ^2 /NDF: 26.5/17

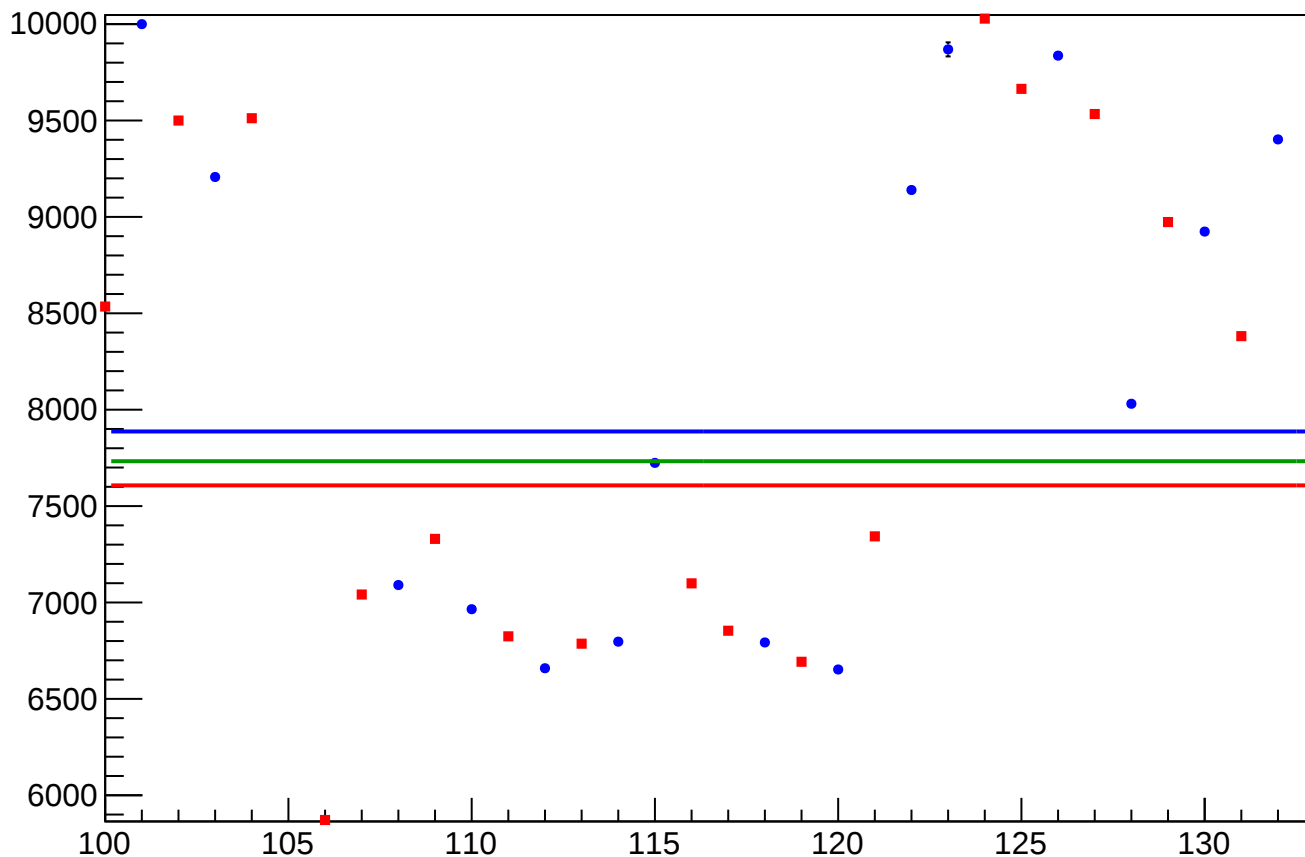
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.387 $\pm$ 3.349 χ^2 /NDF: 47.9/14

14.590 $\pm$ 2.243 χ^2 /NDF: 84.2/32

8.253 $\pm$ 3.020 χ^2 /NDF: 26.5/17

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7887.042 $\pm$ 2.368 χ^2 /NDF: 268097.8/14

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

Right Out: 7607.345 $\pm$ 2.135 χ^2 /NDF: 300408.7/17

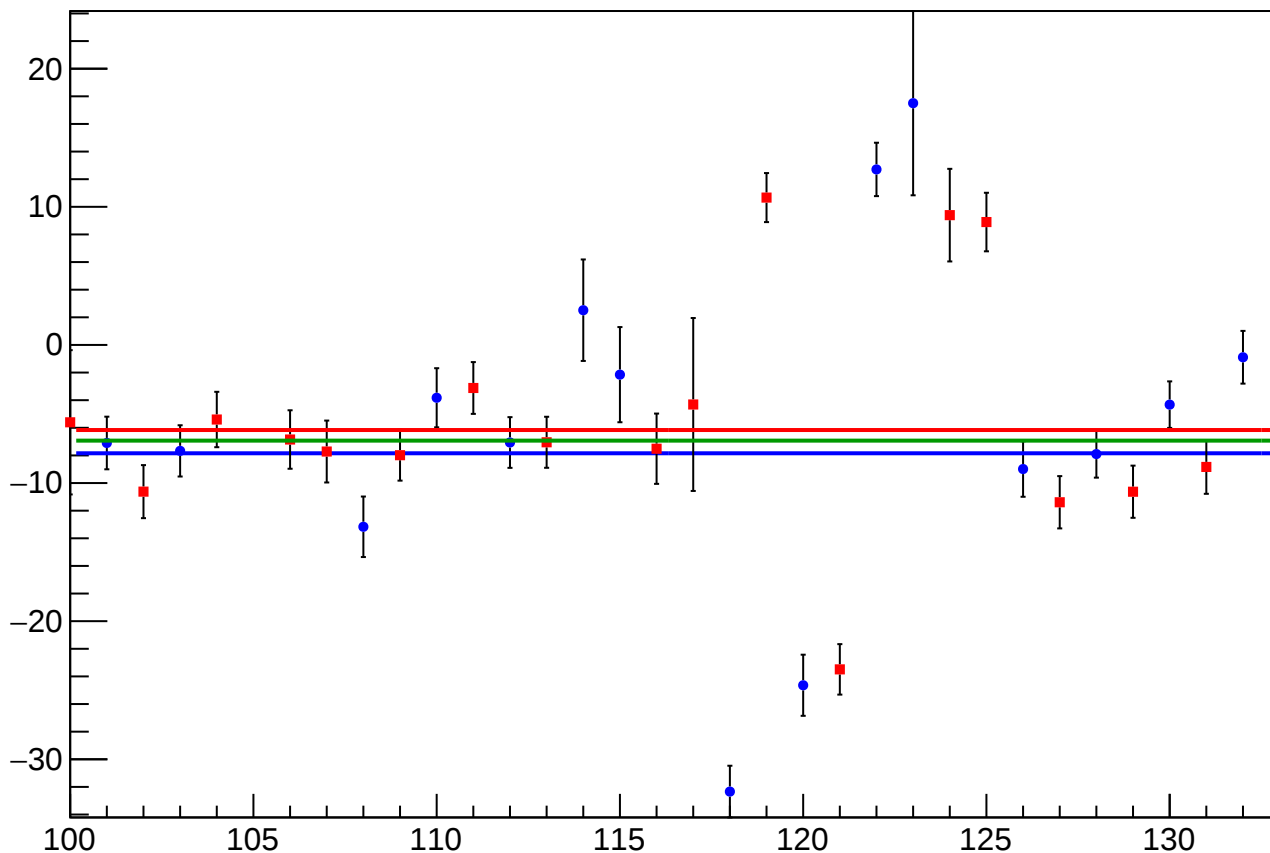
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7887.042 $\pm$ 2.368 χ^2 /NDF: 268097.8/14

7732.766 $\pm$ 1.586 χ^2 /NDF: 576200.8/32

7607.345 $\pm$ 2.135 χ^2 /NDF: 300408.7/17

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: -6.161+/-0.493 χ^2/NDF : 277.2/17

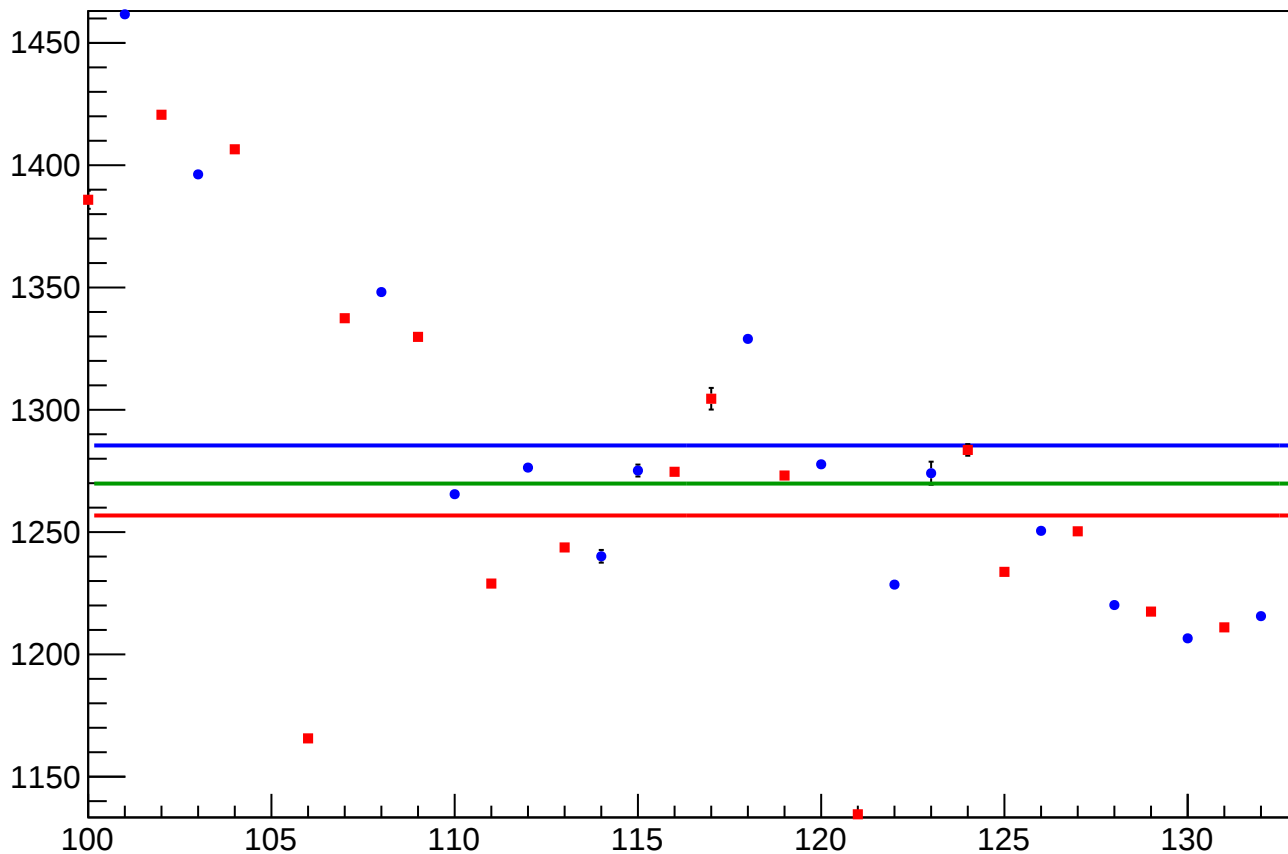
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.844+/-0.539 χ^2/NDF : 394.7/14

-6.928+/-0.364 χ^2/NDF : 677.2/32

-6.161+/-0.493 χ^2/NDF : 277.2/17

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: 1256.793+/-0.349 χ^2 /NDF: 56852.2/17

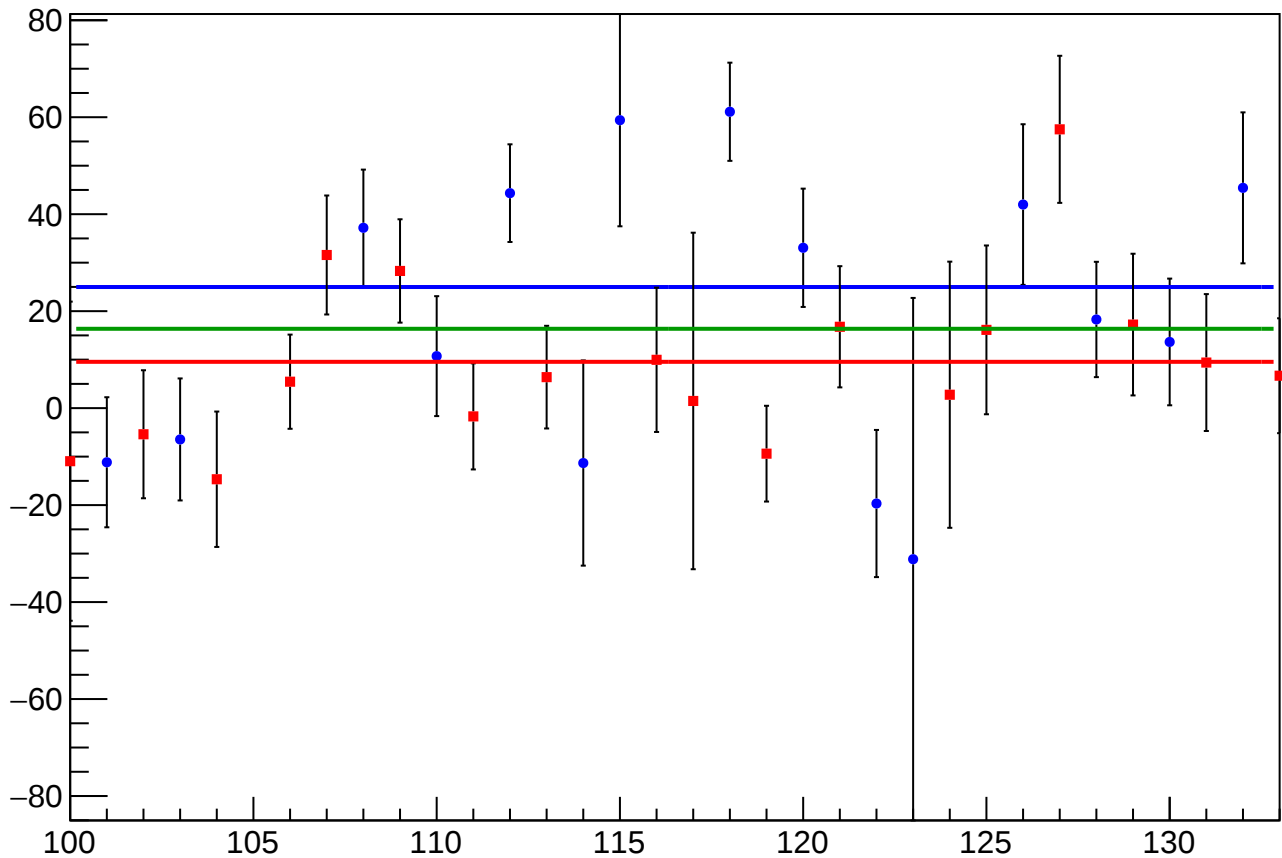
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1285.424+/-0.381 χ^2 /NDF: 39863.2/14

1269.844+/-0.257 χ^2 /NDF: 99788.4/32

1256.793+/-0.349 χ^2 /NDF: 56852.2/17

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: 9.551+/-3.117 χ^2/NDF : 26.9/17

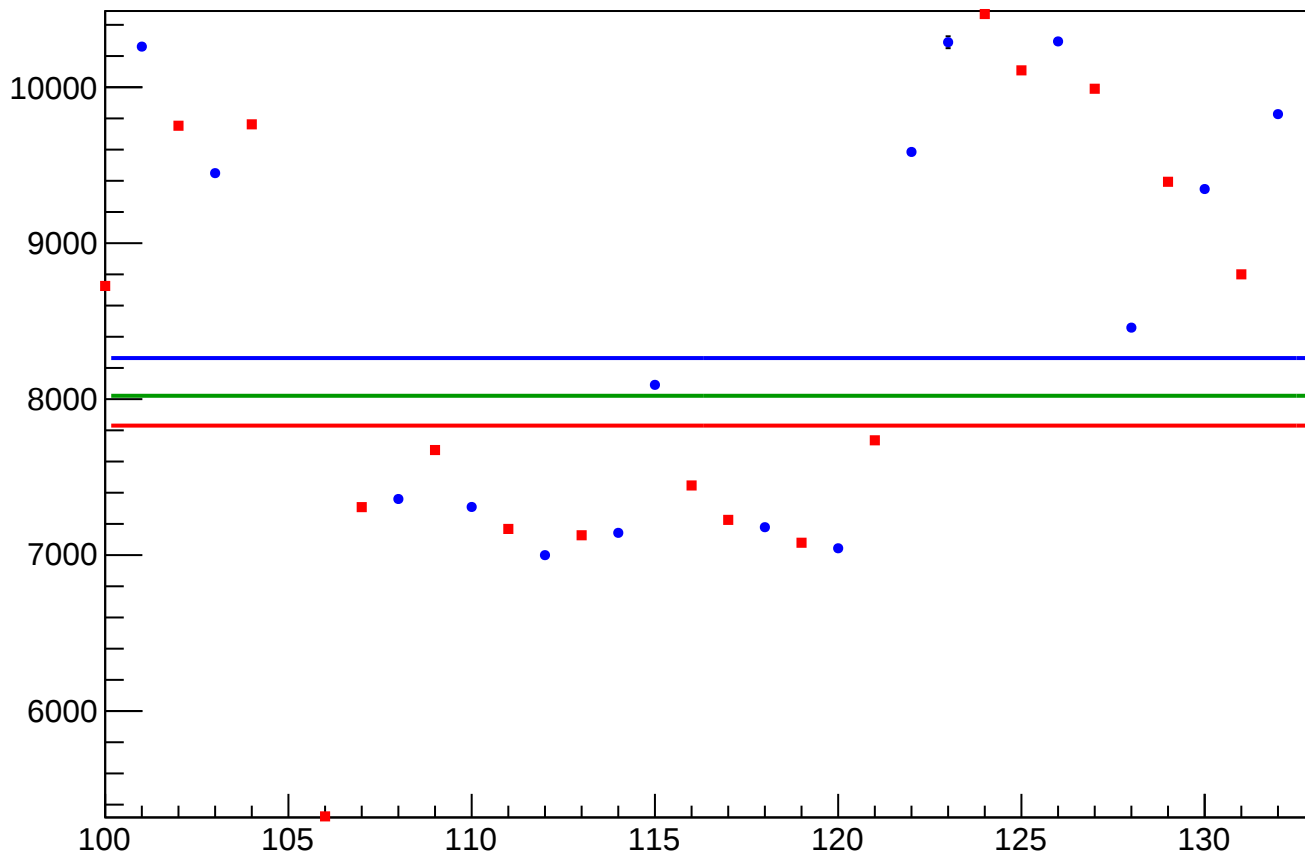
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.979+/-3.505 χ^2/NDF : 51.8/14

16.364+/-2.329 χ^2/NDF : 89.5/32

9.551+/-3.117 χ^2/NDF : 26.9/17

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: 7830.342 $\pm$ 2.204 χ^2 /NDF: 374879.7/17

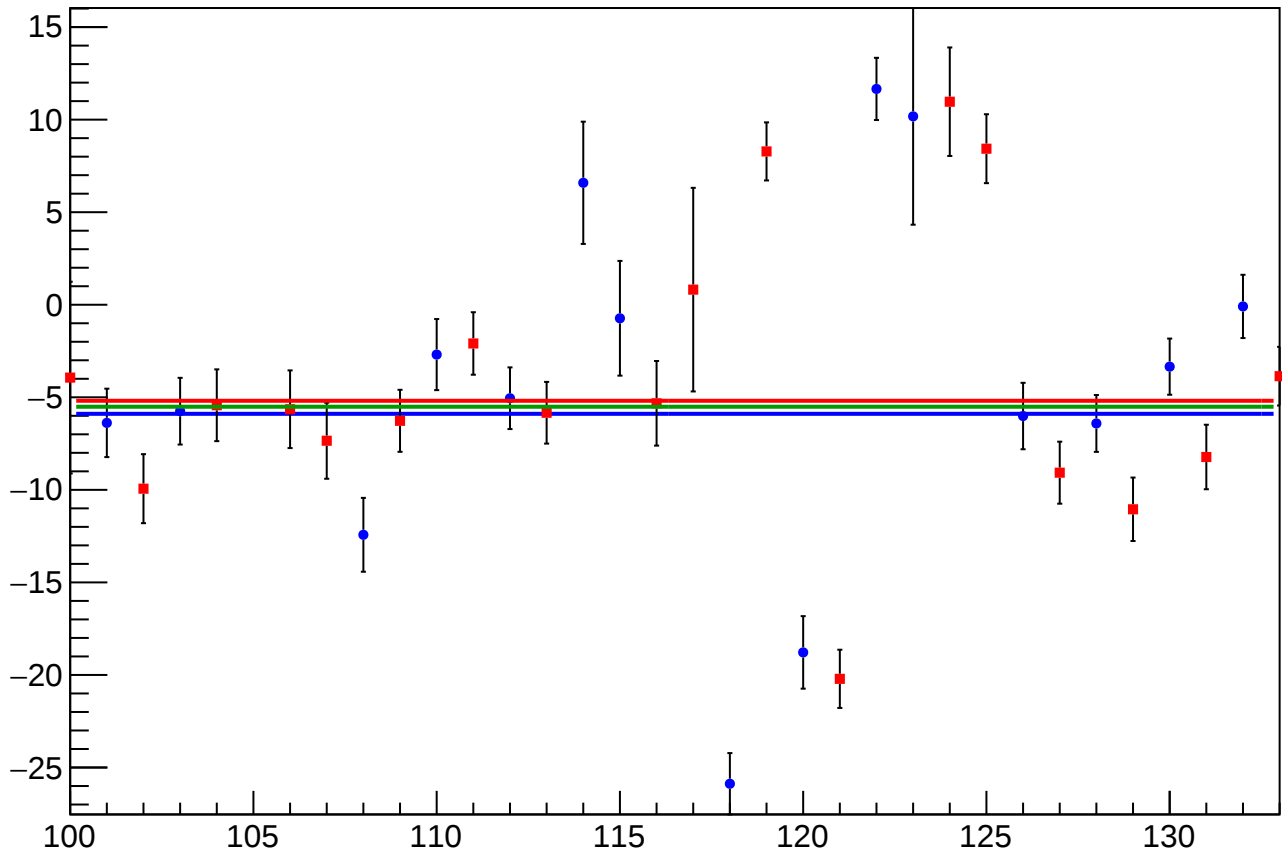
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

8021.588 $\pm$ 1.647 χ^2 /NDF: 639960.3/32

7830.342 $\pm$ 2.204 χ^2 /NDF: 374879.7/17

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: -5.188 ± 0.448 χ^2/NDF : 282.6/17

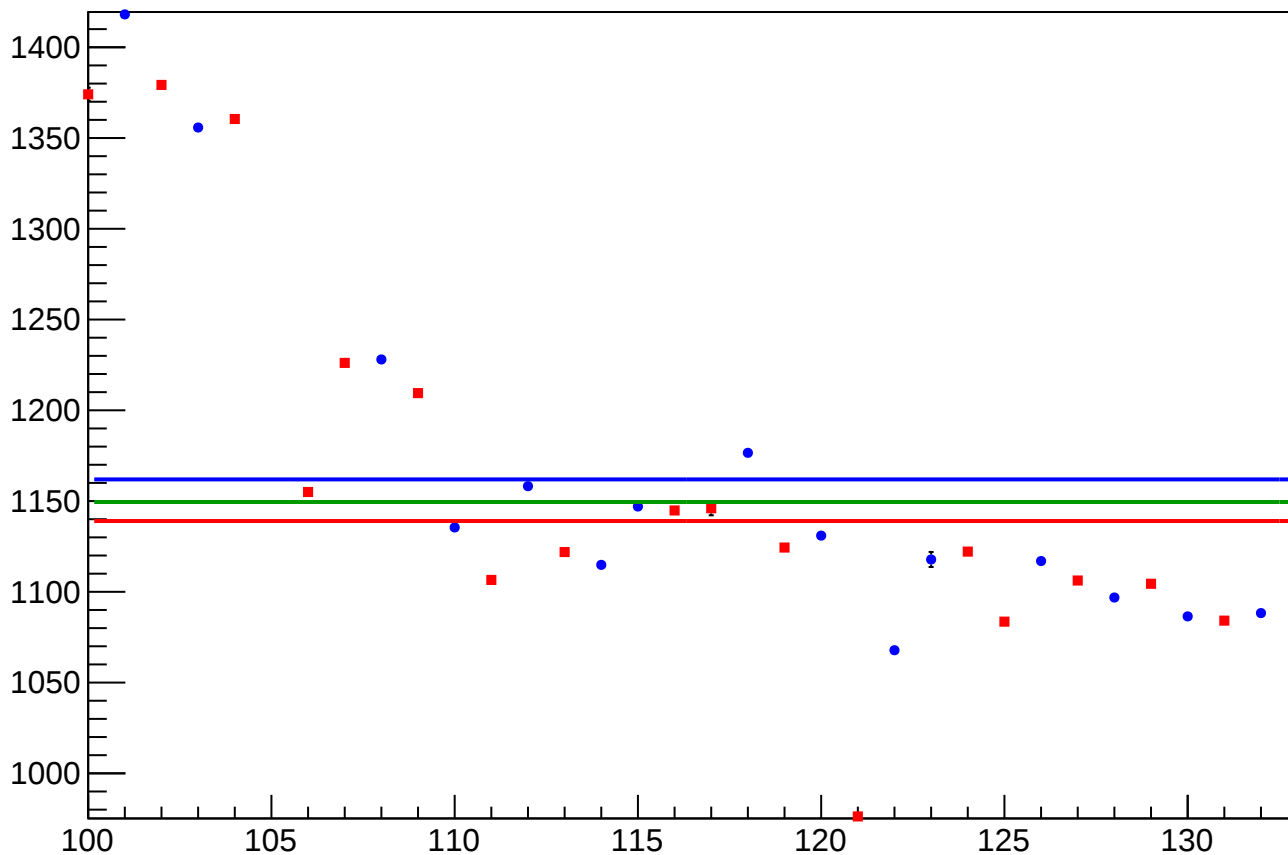
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.893 ± 0.488 χ^2/NDF : 350.6/14

-5.510 ± 0.330 χ^2/NDF : 634.3/32

-5.188 ± 0.448 χ^2/NDF : 282.6/17

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: 1139.015 $\pm$ 0.317 χ^2 /NDF: 106168.4/17

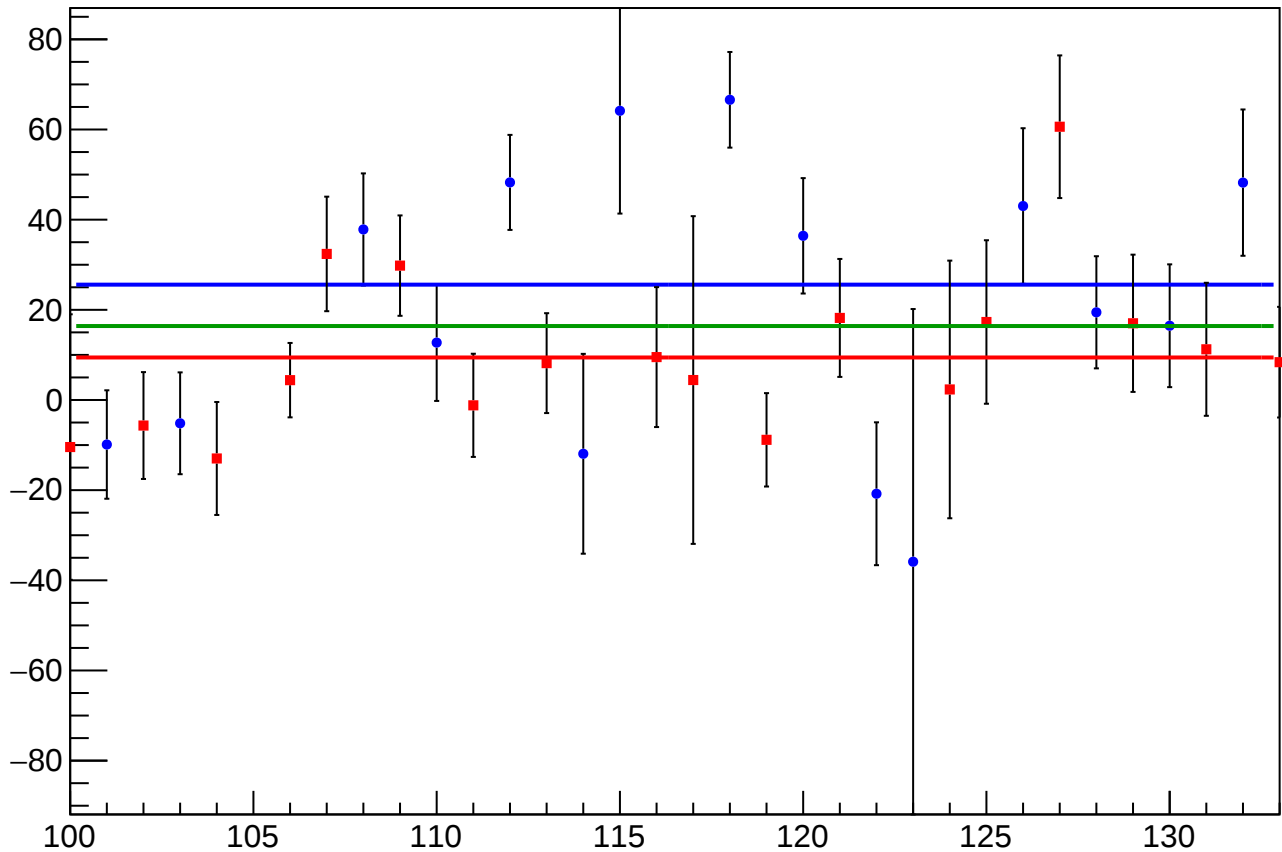
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1149.488 $\pm$ 0.233 χ^2 /NDF: 193725.4/32

1139.015 $\pm$ 0.317 χ^2 /NDF: 106168.4/17

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.585+/-3.570 χ^2 /NDF: 57.5/14

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

Right Out: 9.430+/-3.112 χ^2 /NDF: 27.7/17

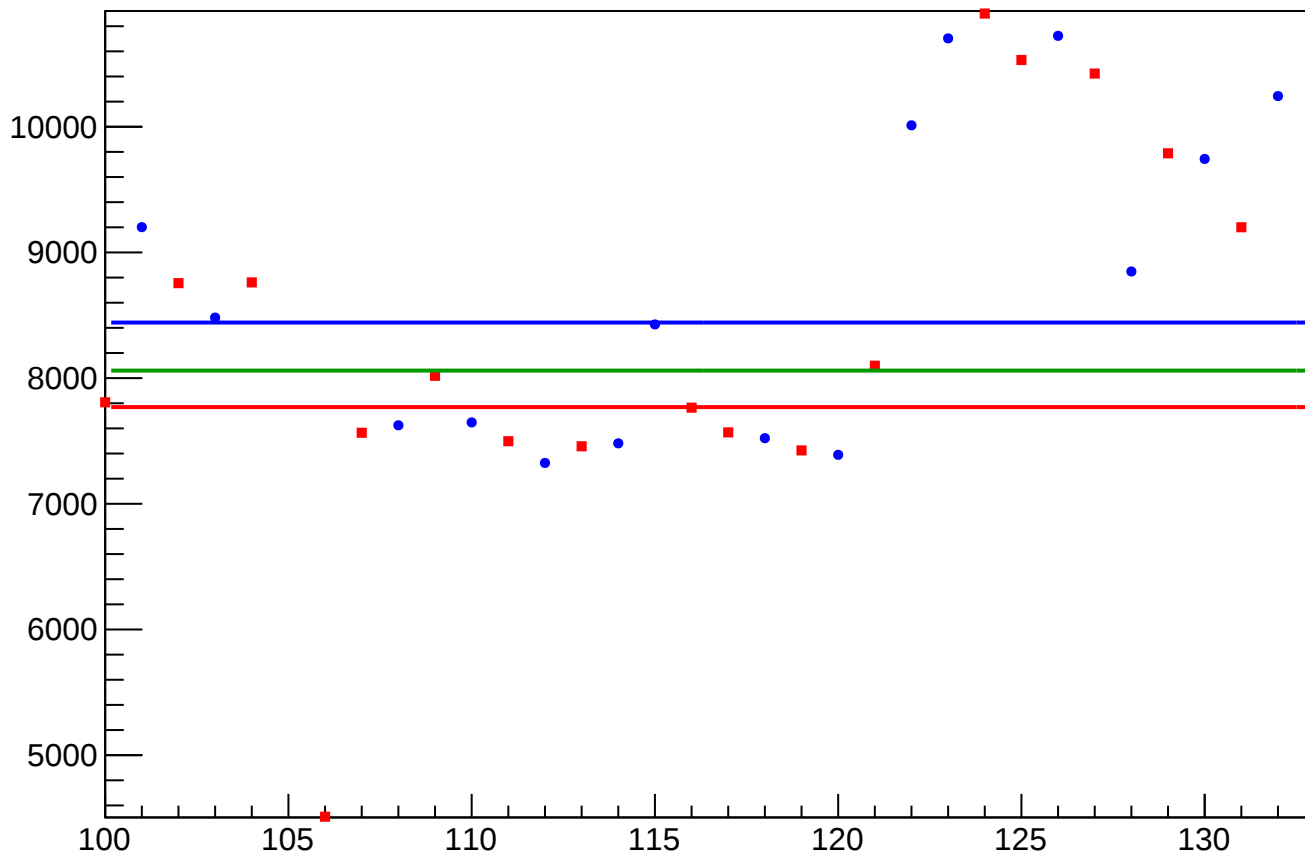
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.585+/-3.570 χ^2 /NDF: 57.5/14

16.405+/-2.346 χ^2 /NDF: 96.8/32

9.430+/-3.112 χ^2 /NDF: 27.7/17

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: 7769.565+/-2.201 χ^2/NDF : 527705.3/17

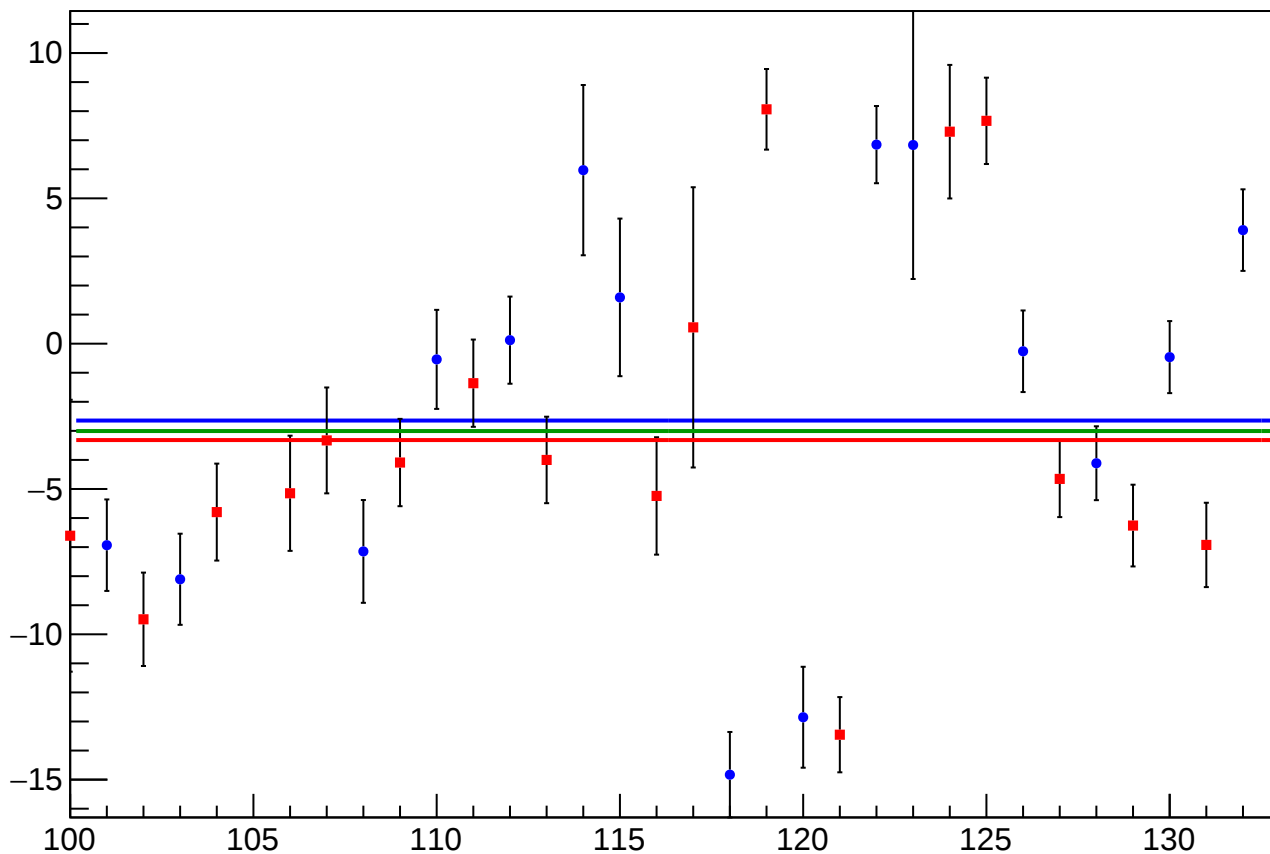
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

8059.997+/-1.659 χ^2/NDF : 749907.1/32

7769.565+/-2.201 χ^2/NDF : 527705.3/17

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.645 $\pm$ 0.413 χ^2 /NDF: 229.7/14

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

Right Out: -3.317 $\pm$ 0.383 χ^2 /NDF: 240.6/17

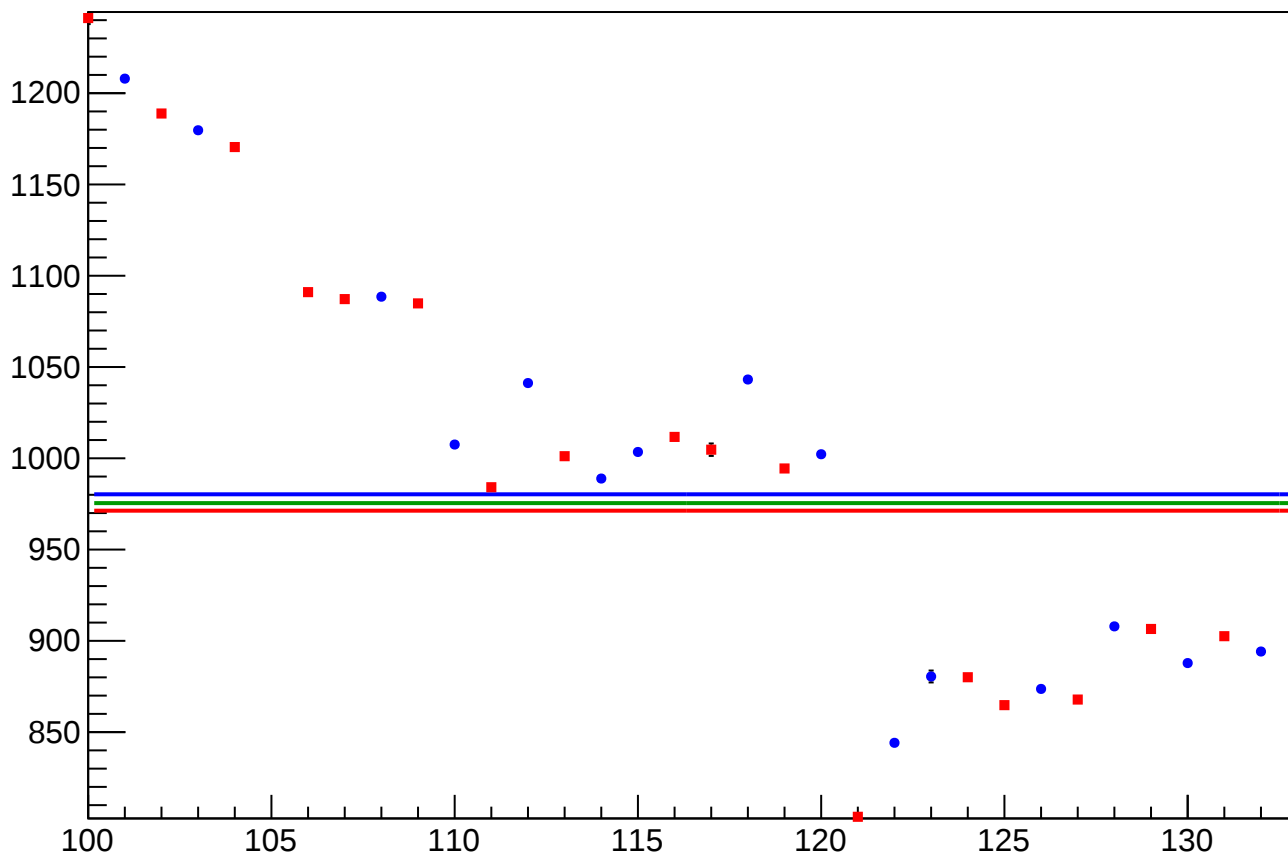
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2.645 $\pm$ 0.413 χ^2 /NDF: 229.7/14

-3.006 $\pm$ 0.281 χ^2 /NDF: 471.8/32

-3.317 $\pm$ 0.383 χ^2 /NDF: 240.6/17

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 980.278 $\pm$ 0.292 χ^2/NDF : 148275.6/14

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

Right Out: 971.304 $\pm$ 0.271 χ^2/NDF : 173975.7/17

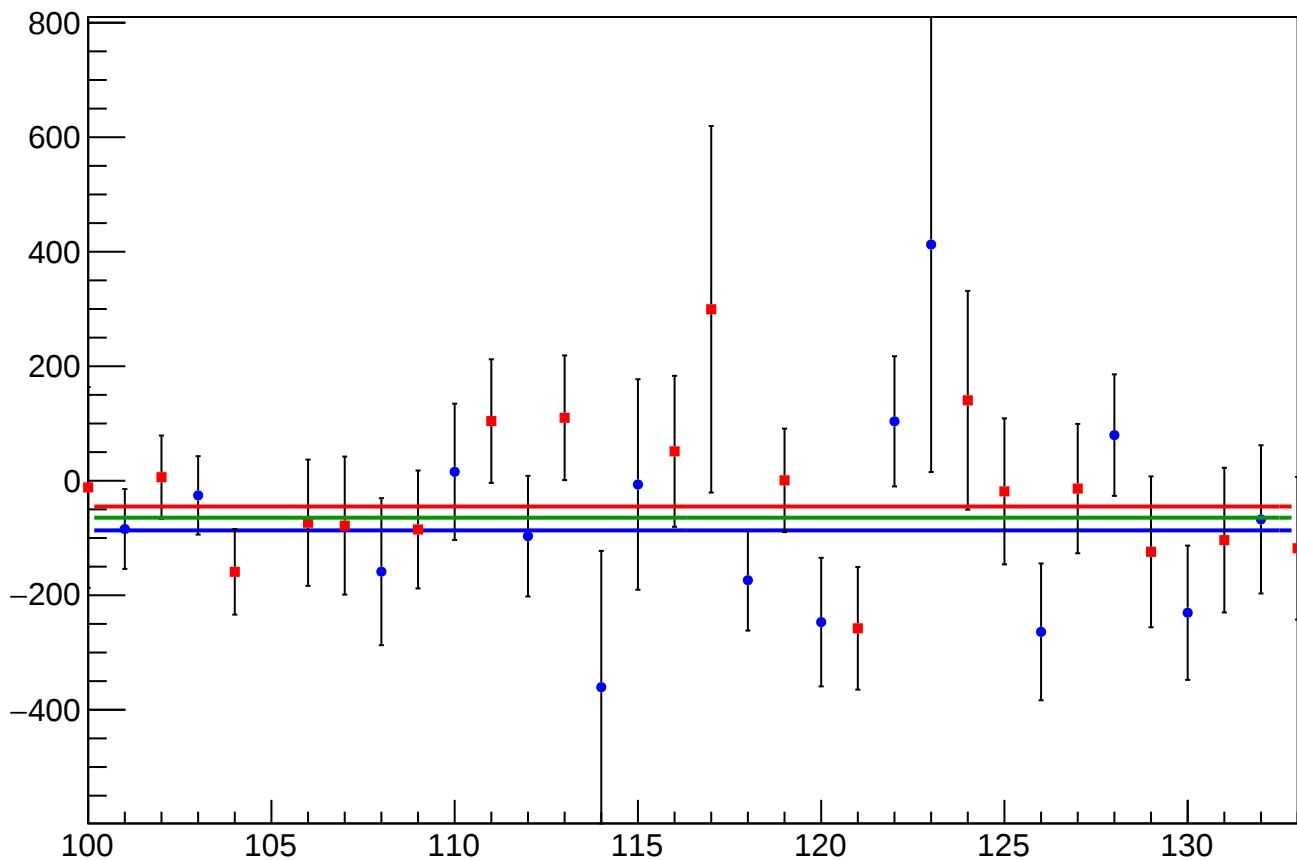
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

980.278 $\pm$ 0.292 χ^2/NDF : 148275.6/14

975.452 $\pm$ 0.199 χ^2/NDF : 322759.1/32

971.304 $\pm$ 0.271 χ^2/NDF : 173975.7/17

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -86.694 ± 28.049 $\chi^2/\text{NDF}: 17.0/14$

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

Right Out: -44.977 ± 26.311 $\chi^2/\text{NDF}: 15.0/17$

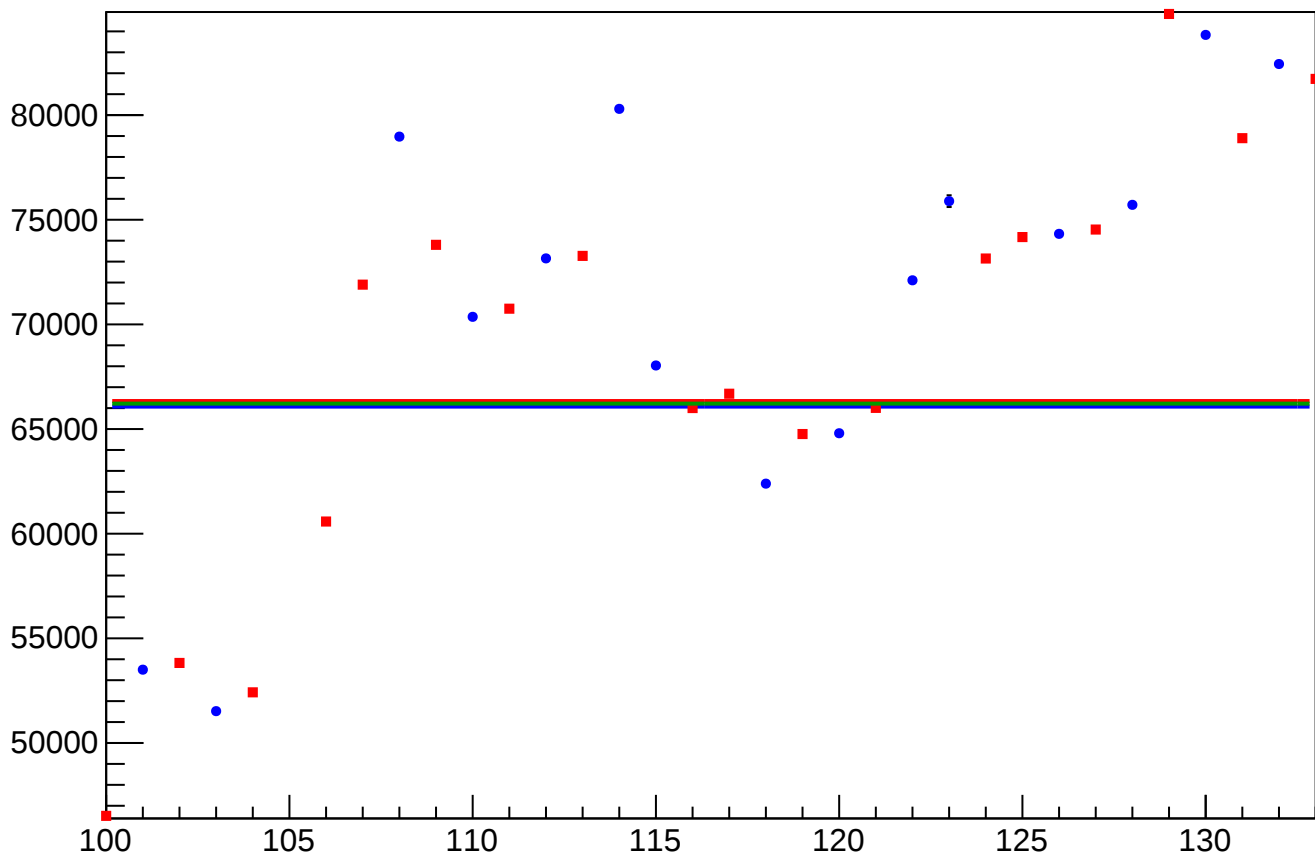
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-86.694 ± 28.049 $\chi^2/\text{NDF}: 17.0/14$

-64.503 ± 19.190 $\chi^2/\text{NDF}: 33.1/32$

-44.977 ± 26.311 $\chi^2/\text{NDF}: 15.0/17$

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 66072.549+/-19.833 χ^2/NDF : 308972.7/14

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

Right Out: 66338.375+/-18.605 χ^2/NDF : 296535.2/17

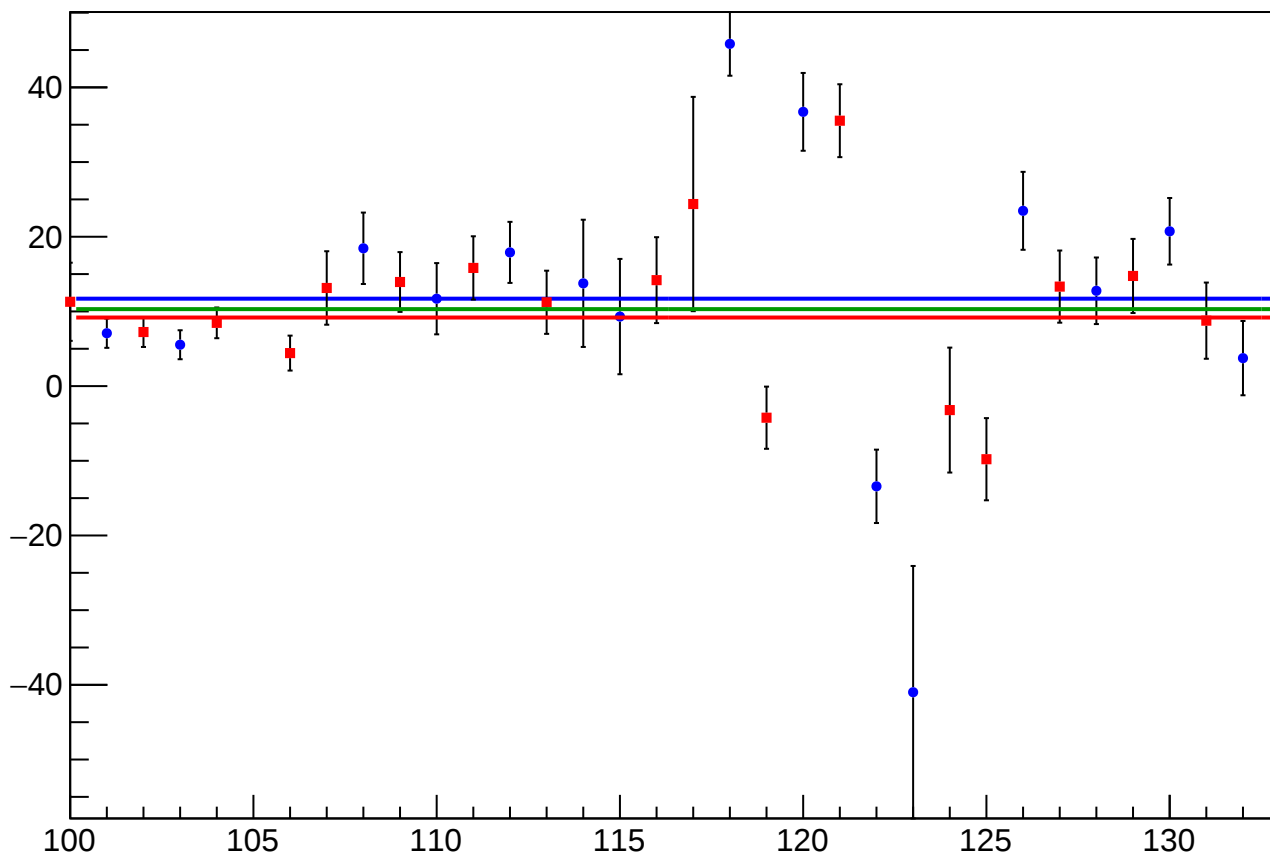
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66072.549+/-19.833 χ^2/NDF : 308972.7/14

66213.949+/-13.569 χ^2/NDF : 605603.5/3

66338.375+/-18.605 χ^2/NDF : 296535.2/17

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: 9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

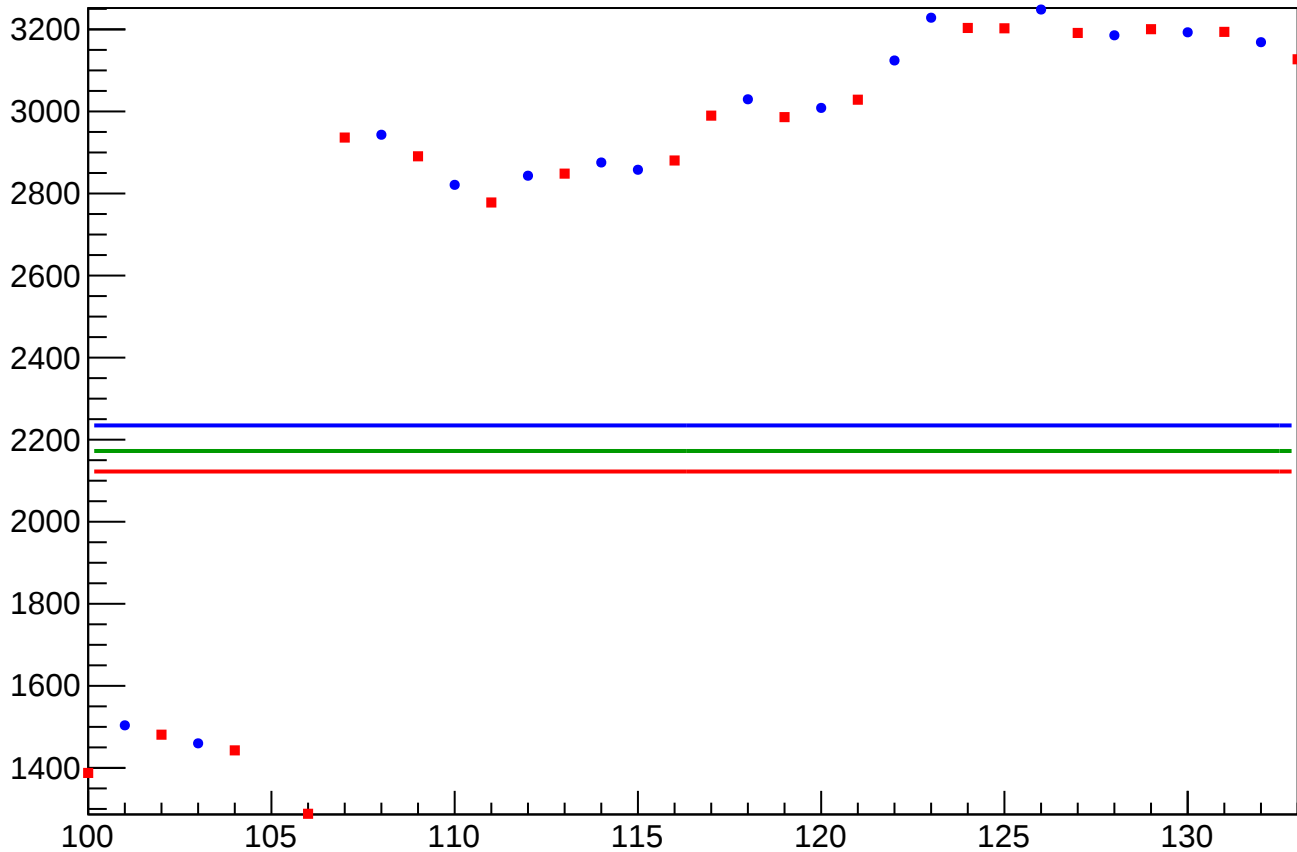
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.708 $\pm$ 0.991 χ^2 /NDF: 154.8/14

10.308 $\pm$ 0.661 χ^2 /NDF: 229.0/32

9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

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: 2122.422+/-0.628 χ^2 /NDF: 1629922.7/17

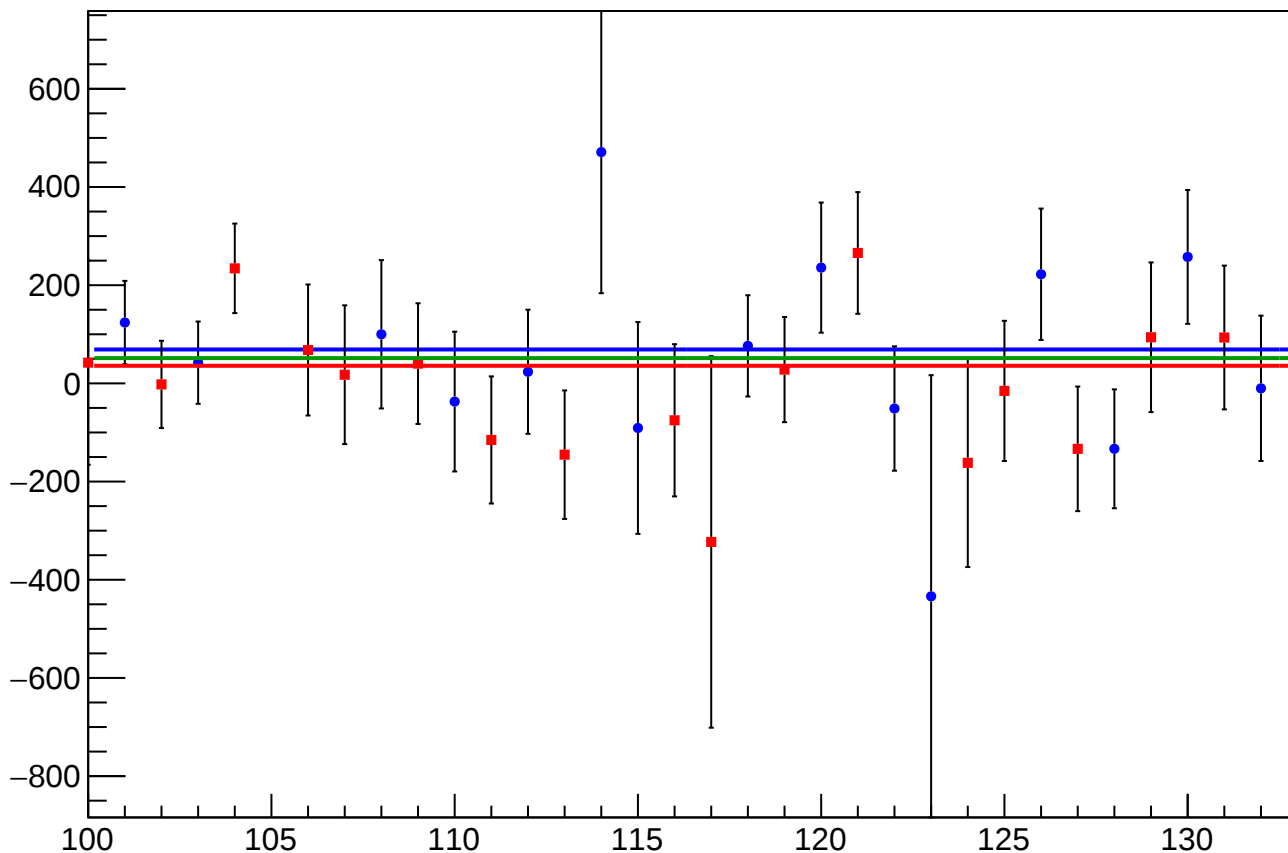
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

2172.430+/-0.468 χ^2 /NDF: 2899628.9/32

2122.422+/-0.628 χ^2 /NDF: 1629922.7/17

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 69.074+/-33.103 χ^2/NDF : 13.8/14

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

Right Out: 35.899+/-31.140 χ^2/NDF : 16.6/17

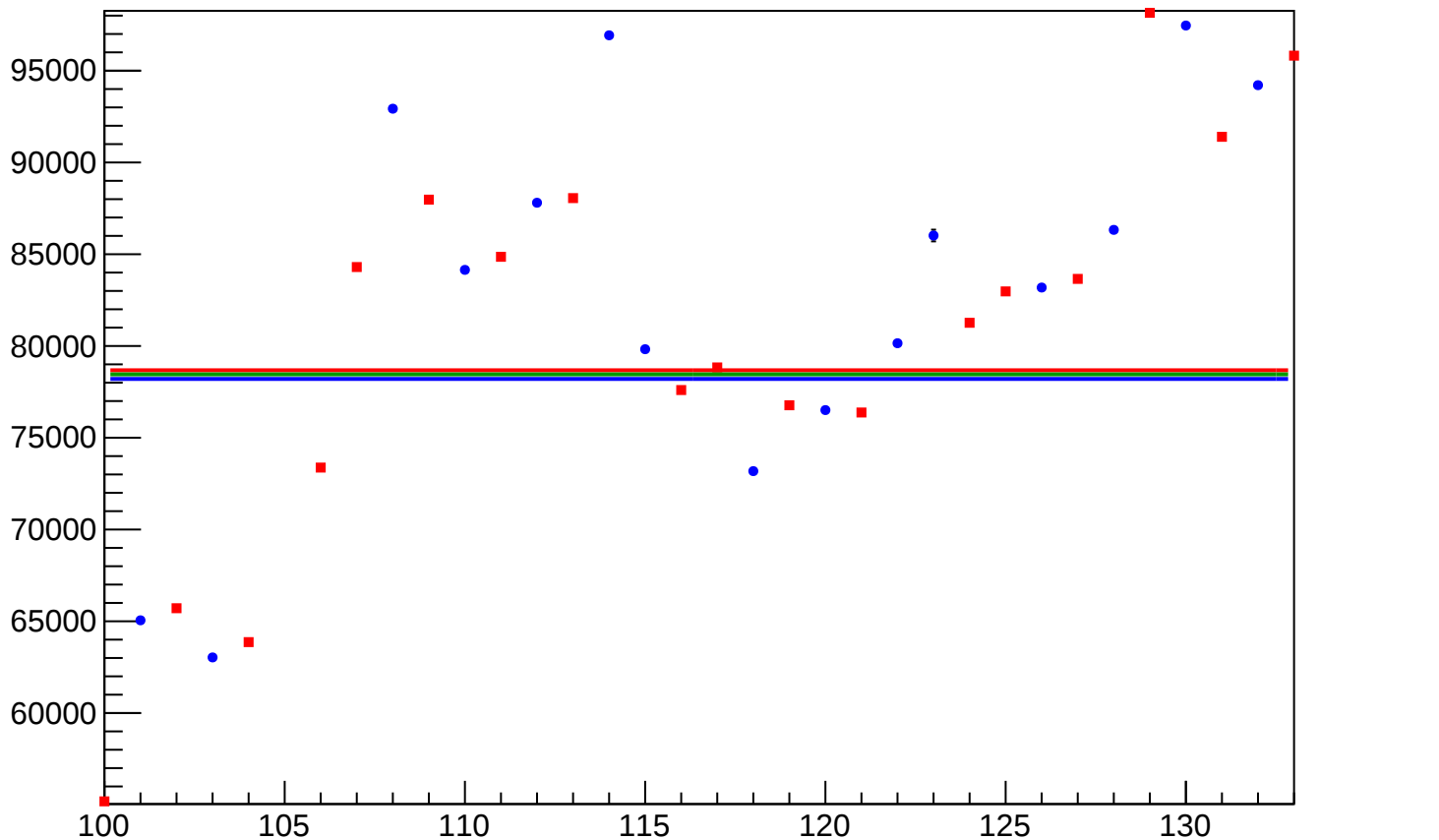
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.074+/-33.103 χ^2/NDF : 13.8/14

51.474+/-22.682 χ^2/NDF : 30.9/32

35.899+/-31.140 χ^2/NDF : 16.6/17

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: 78677.001+/-22.019 χ^2/NDF : 235341.4/17

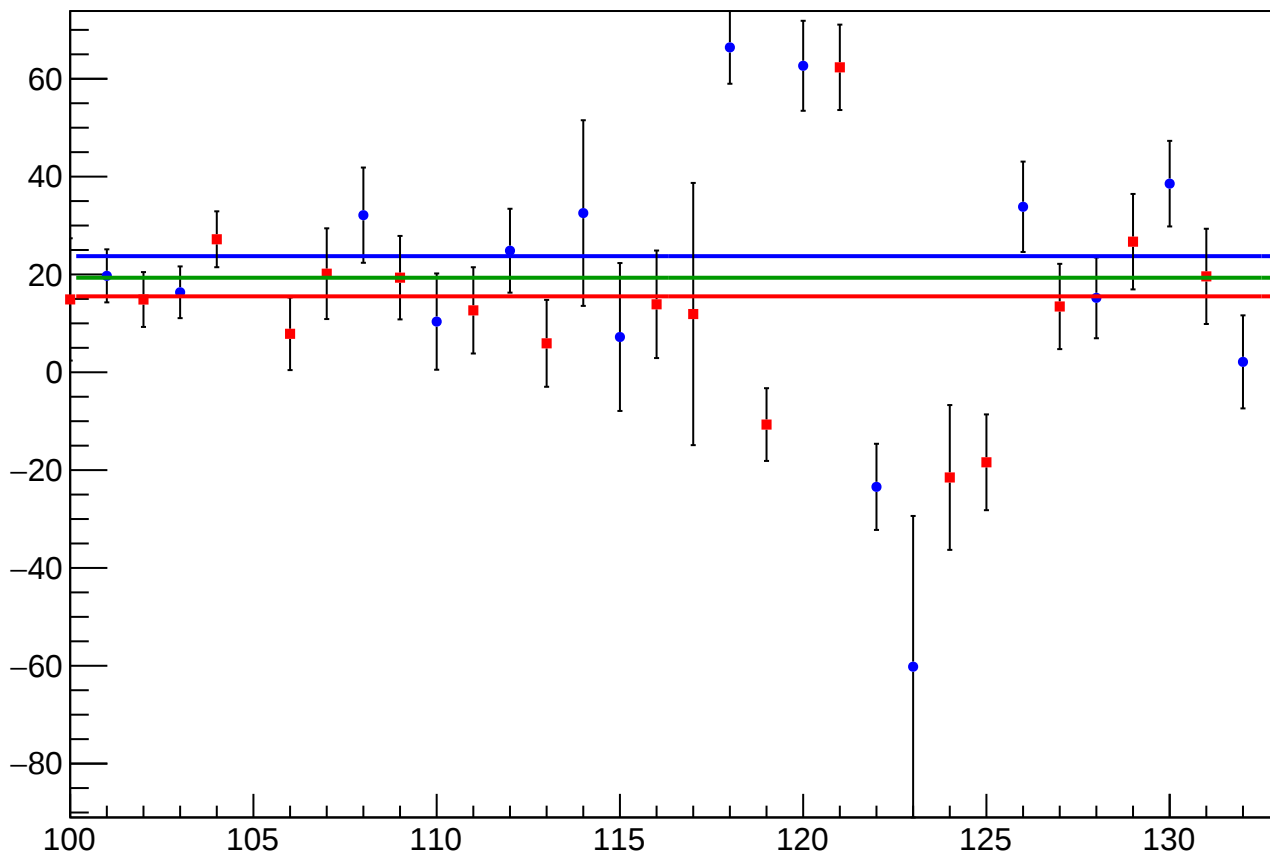
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

78455.060+/-16.038 χ^2/NDF : 473085.1/3

78677.001+/-22.019 χ^2/NDF : 235341.4/17

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: 15.524 $\pm$ 2.047 χ^2 /NDF: 69.5/17

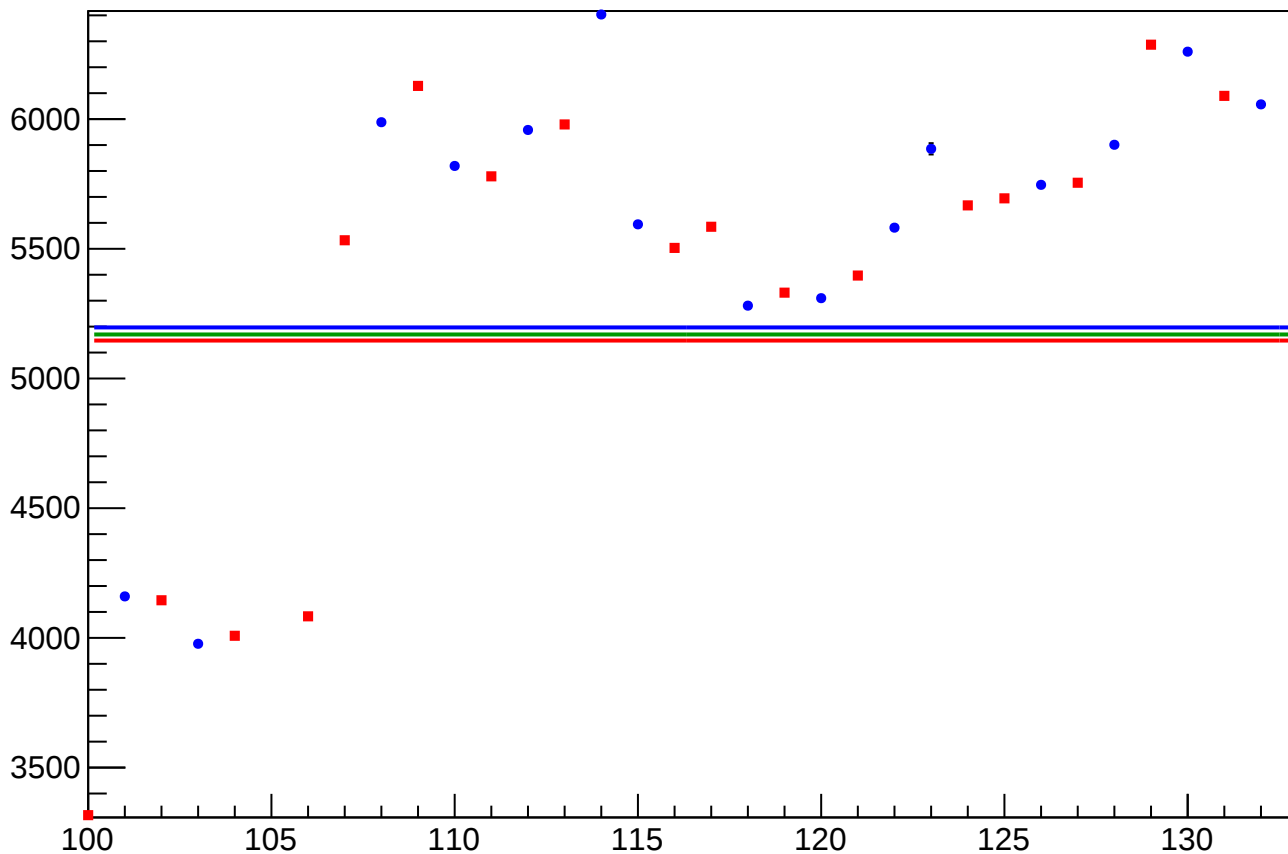
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.740 $\pm$ 2.204 χ^2 /NDF: 103.8/14

19.328 $\pm$ 1.500 χ^2 /NDF: 180.7/32

15.524 $\pm$ 2.047 χ^2 /NDF: 69.5/17

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: 5146.305 $\pm$ 1.447 χ^2/NDF : 385916.2/17

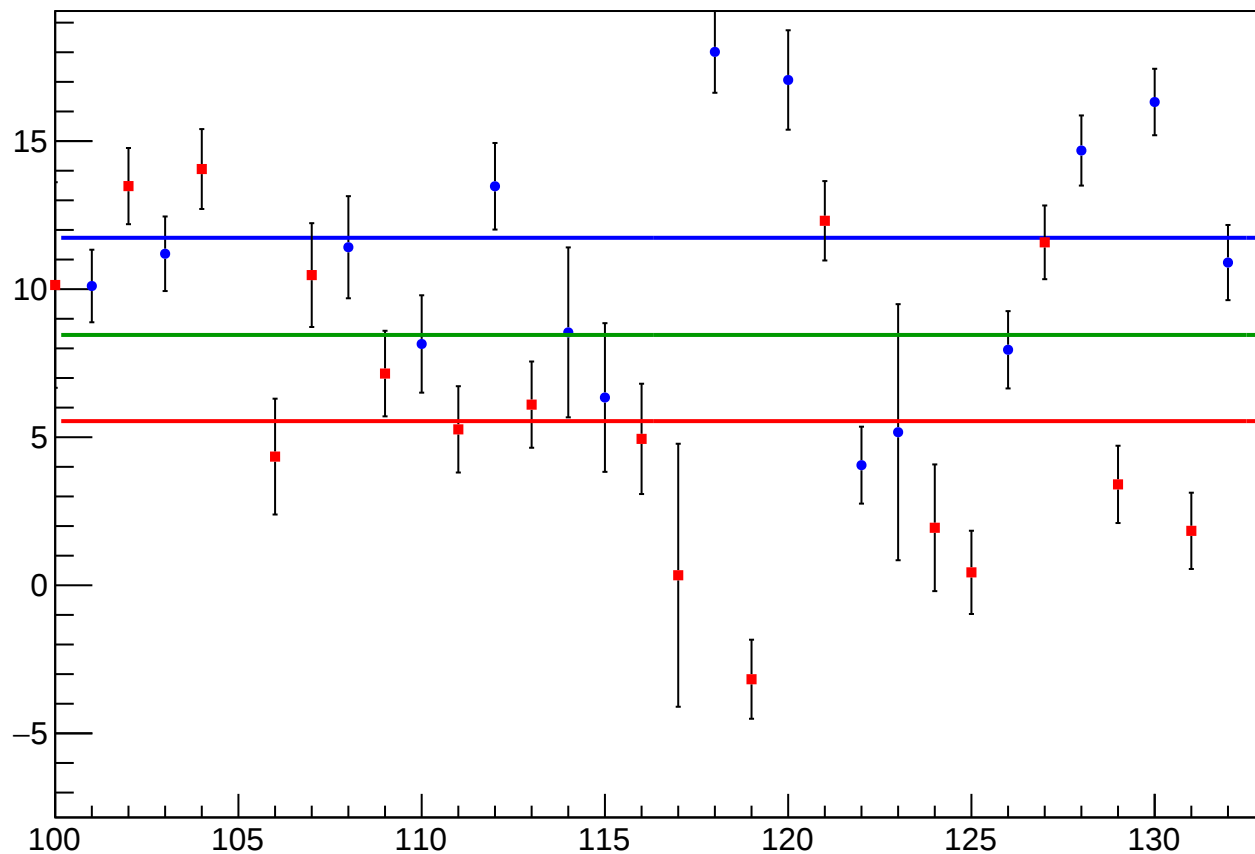
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

5169.722 $\pm$ 1.061 χ^2/NDF : 685387.1/32

5146.305 $\pm$ 1.447 χ^2/NDF : 385916.2/17

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.734±0.378 χ^2/NDF : 113.7/14

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 5.544±0.356 χ^2/NDF : 300.5/17

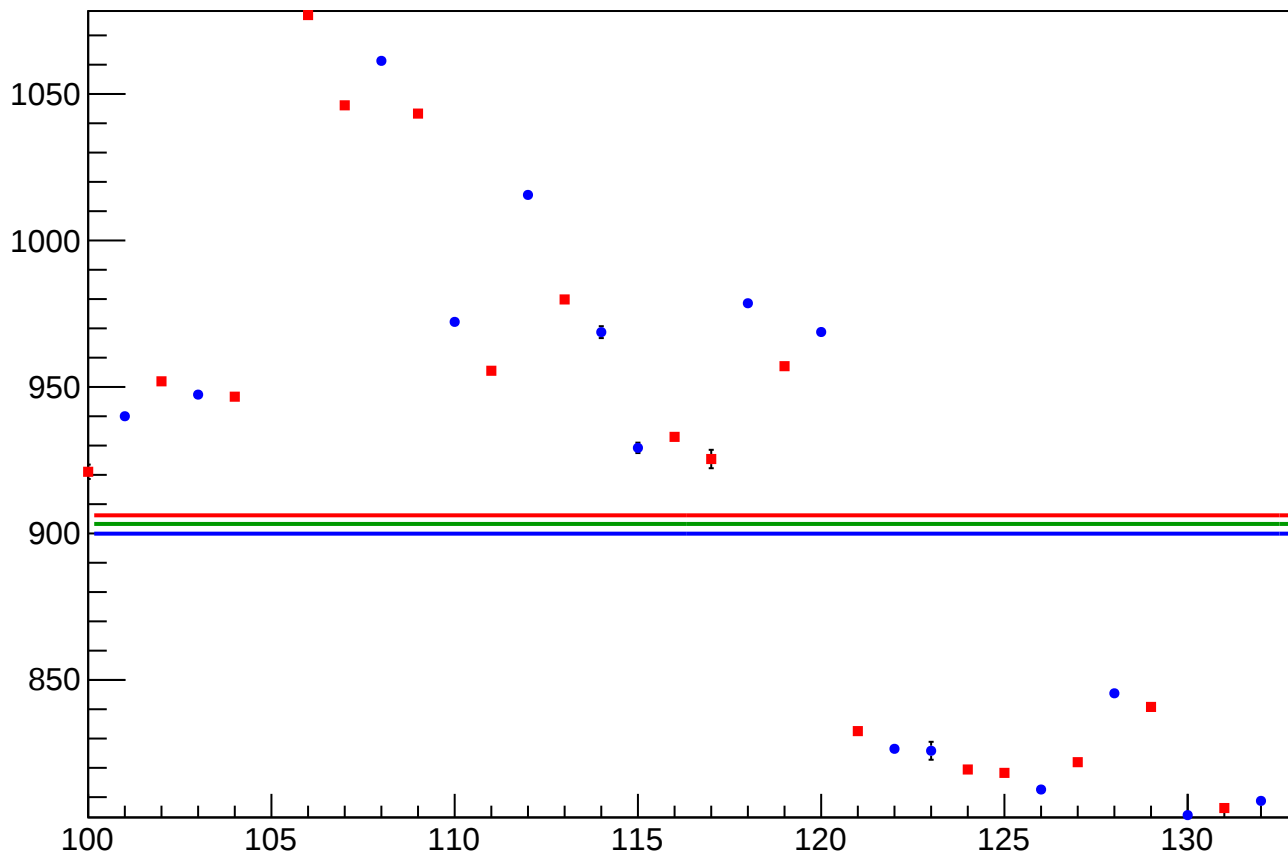
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

11.734±0.378 χ^2/NDF : 113.7/14

8.454±0.259 χ^2/NDF : 556.2/32

5.544±0.356 χ^2/NDF : 300.5/17

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: 906.189+/-0.252 χ^2/NDF : 110972.0/17

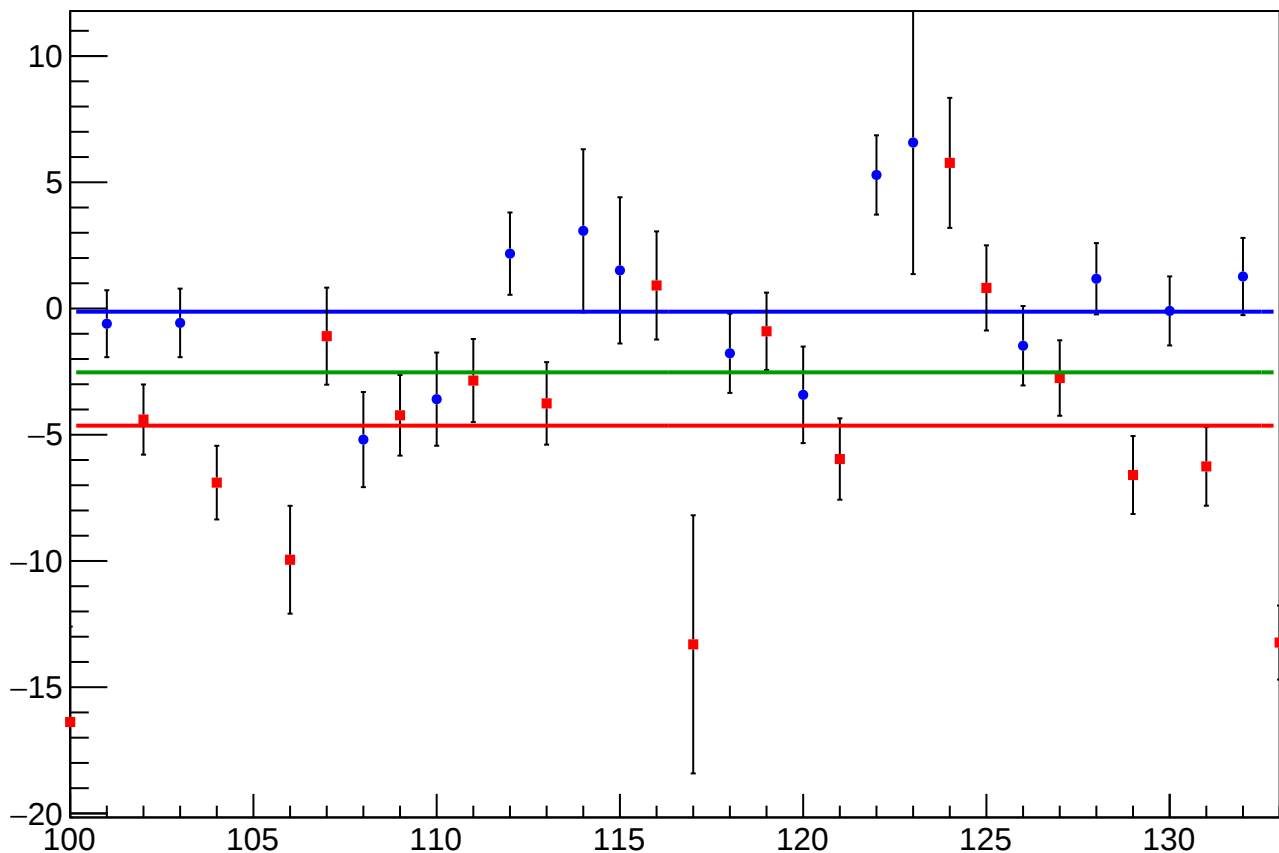
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

899.933+/-0.267 χ^2/NDF : 95299.1/14

903.248+/-0.183 χ^2/NDF : 206561.2/32

906.189+/-0.252 χ^2/NDF : 110972.0/17

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.125+/-0.436 χ^2/NDF : 34.3/14

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

Right Out: -4.640+/-0.408 χ^2/NDF : 104.8/17

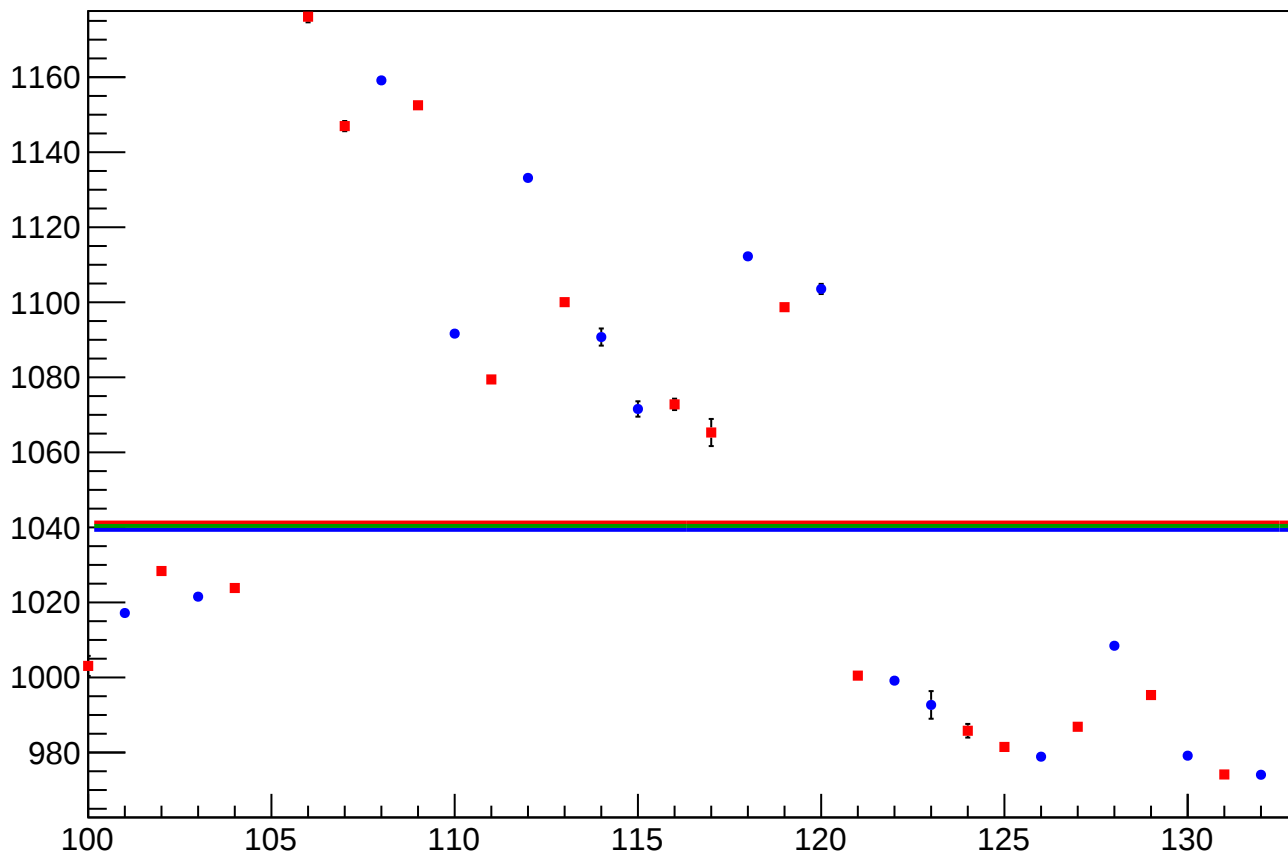
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.125+/-0.436 χ^2/NDF : 34.3/14

-2.528+/-0.298 χ^2/NDF : 196.3/32

-4.640+/-0.408 χ^2/NDF : 104.8/17

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: 1041.292+/-0.289 χ^2/NDF : 49798.9/17

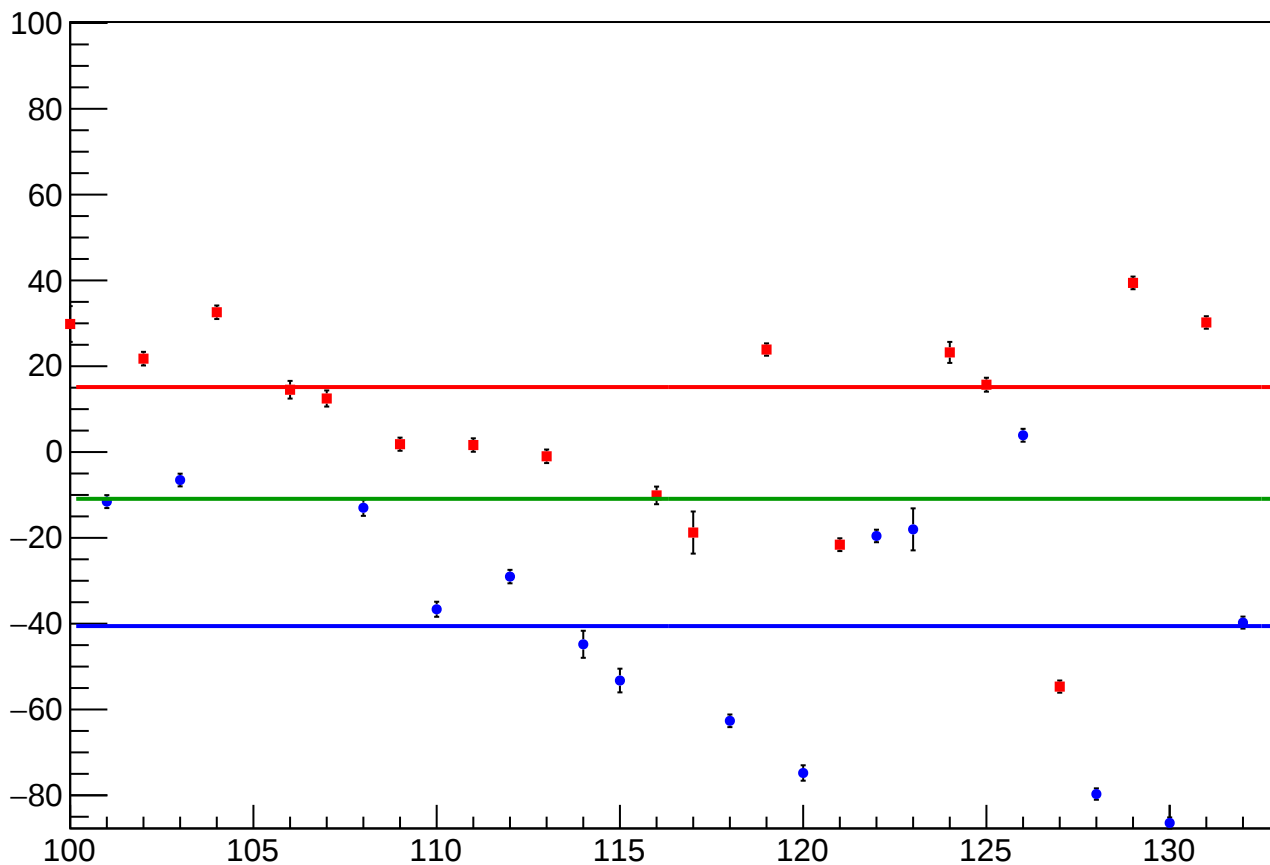
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1039.354+/-0.308 χ^2/NDF : 37453.0/14

1040.385+/-0.211 χ^2/NDF : 87273.0/32

1041.292+/-0.289 χ^2/NDF : 49798.9/17

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -40.561 ± 0.425 $\chi^2/\text{NDF}: 5028.5/14$

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

Right Out: 15.147 ± 0.398 $\chi^2/\text{NDF}: 7637.7/17$

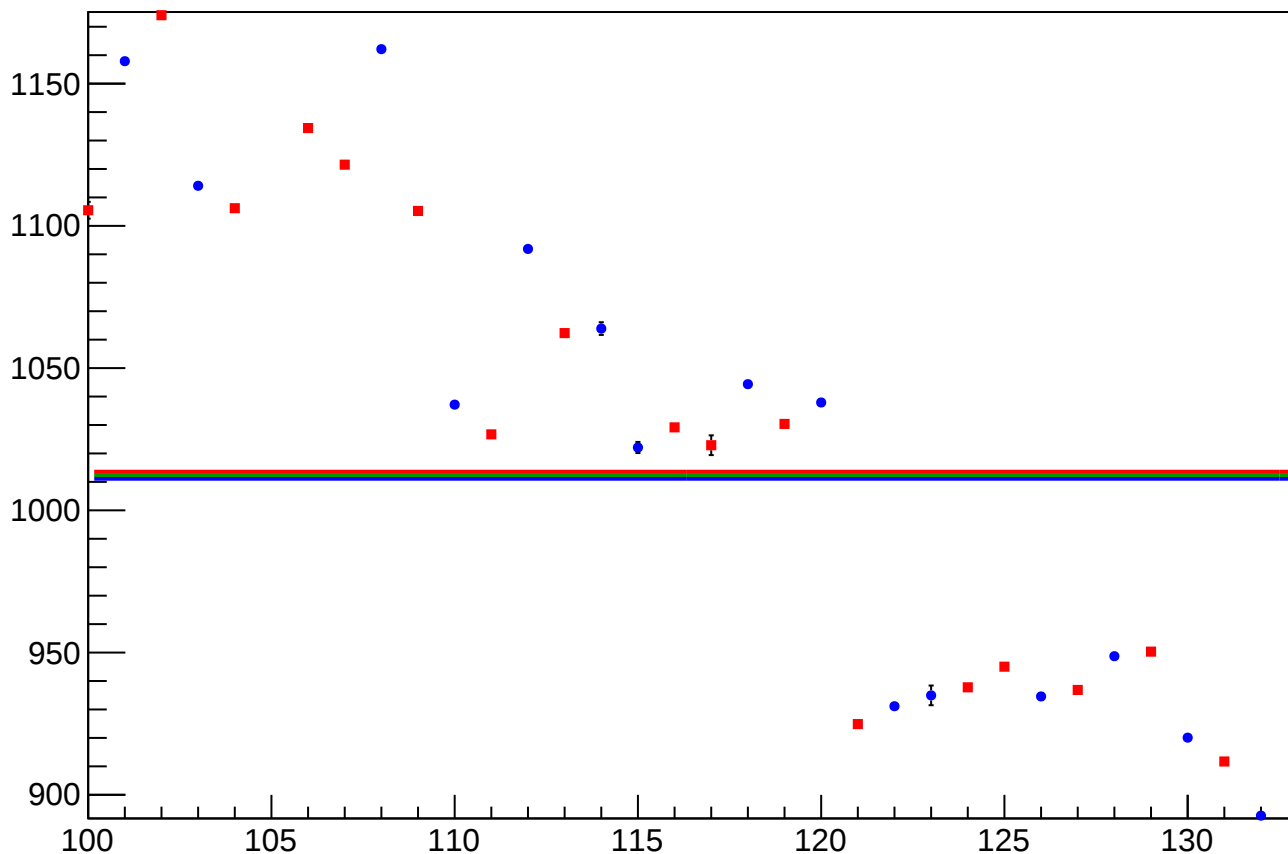
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-40.561 ± 0.425 $\chi^2/\text{NDF}: 5028.5/14$

-10.903 ± 0.290 $\chi^2/\text{NDF}: 21822.3/32$

15.147 ± 0.398 $\chi^2/\text{NDF}: 7637.7/17$

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: 1013.570+/-0.282 χ^2/NDF : 92232.3/17

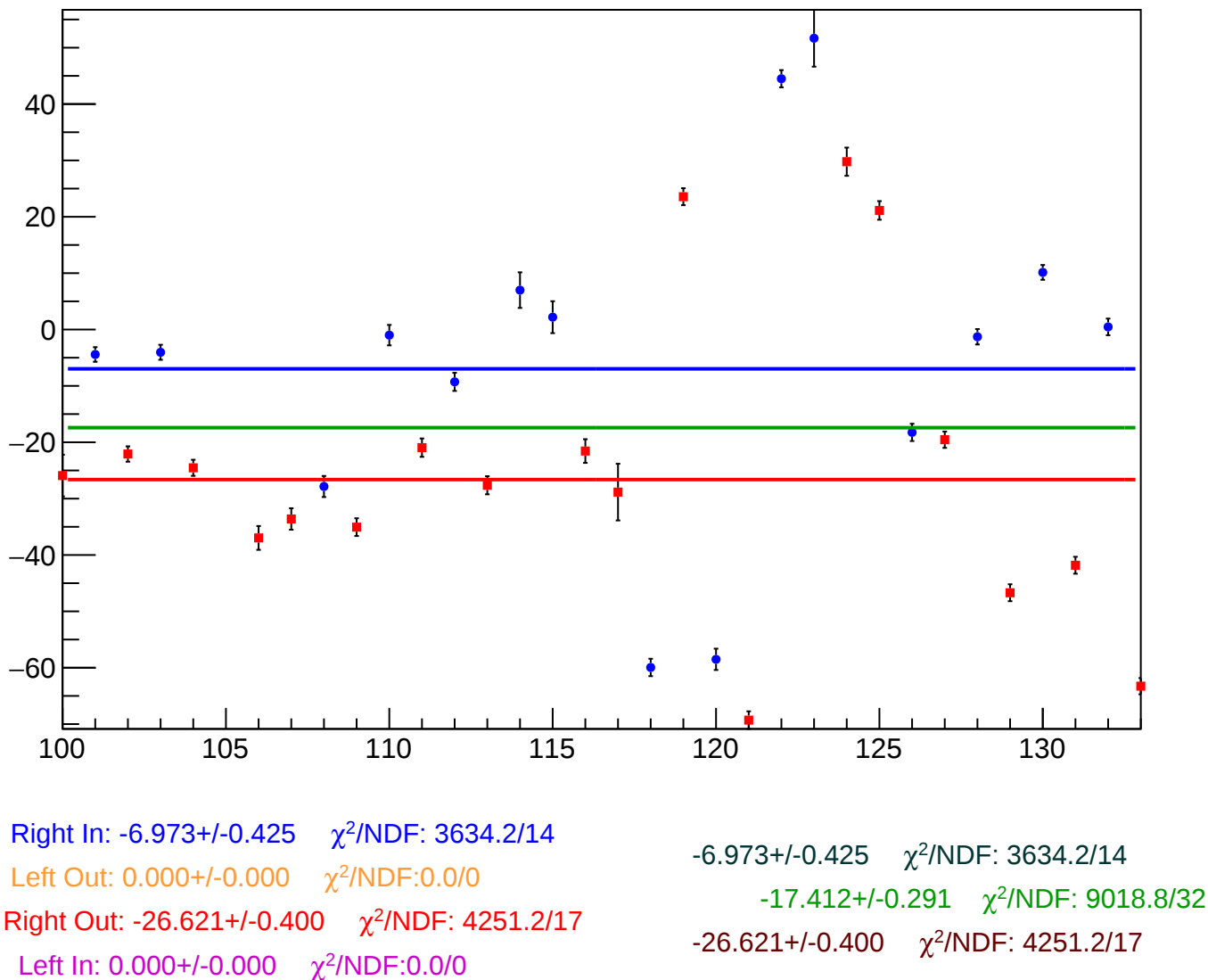
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1011.122+/-0.300 χ^2/NDF : 89569.4/14

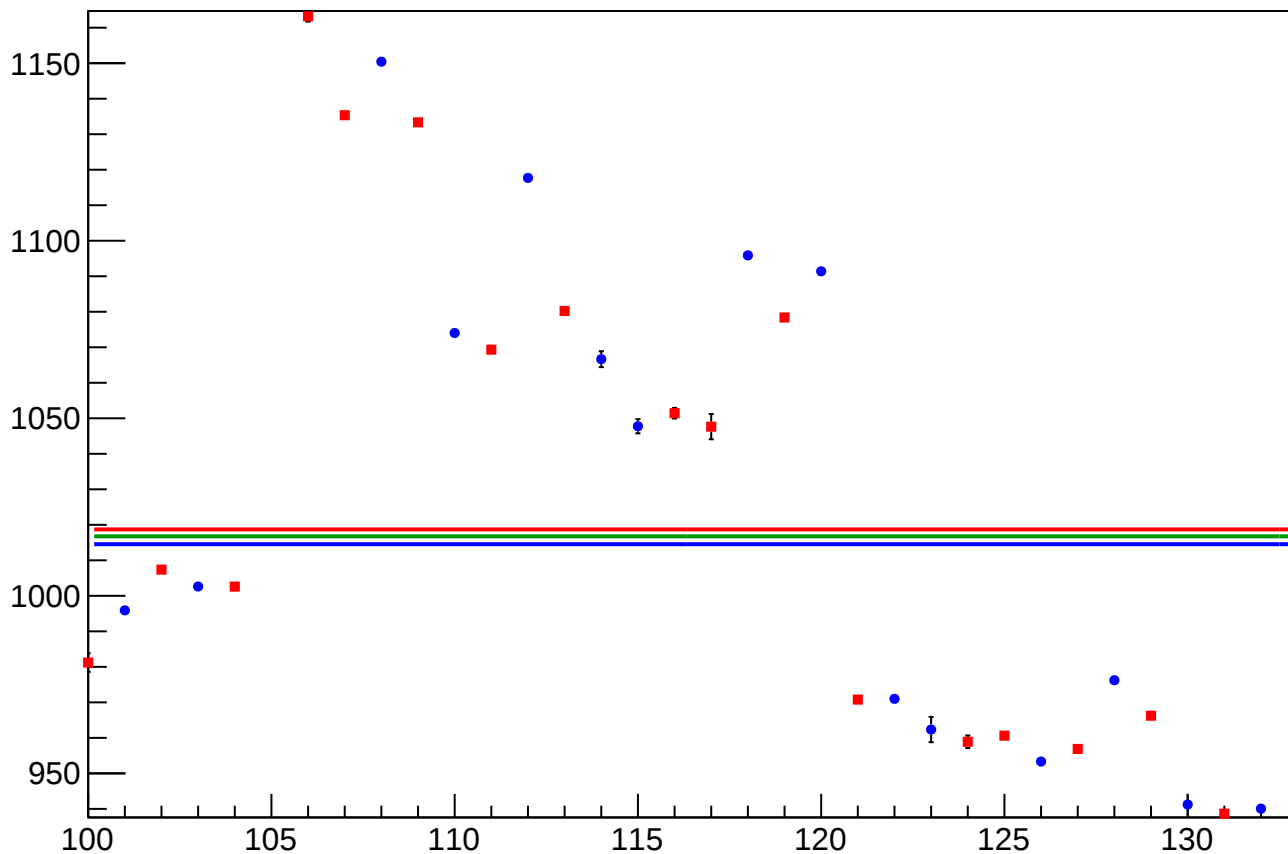
1012.425+/-0.205 χ^2/NDF : 181837.0/32

1013.570+/-0.282 χ^2/NDF : 92232.3/17

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: 1018.704 $\pm$ 0.283 χ^2 /NDF: 58663.6/17

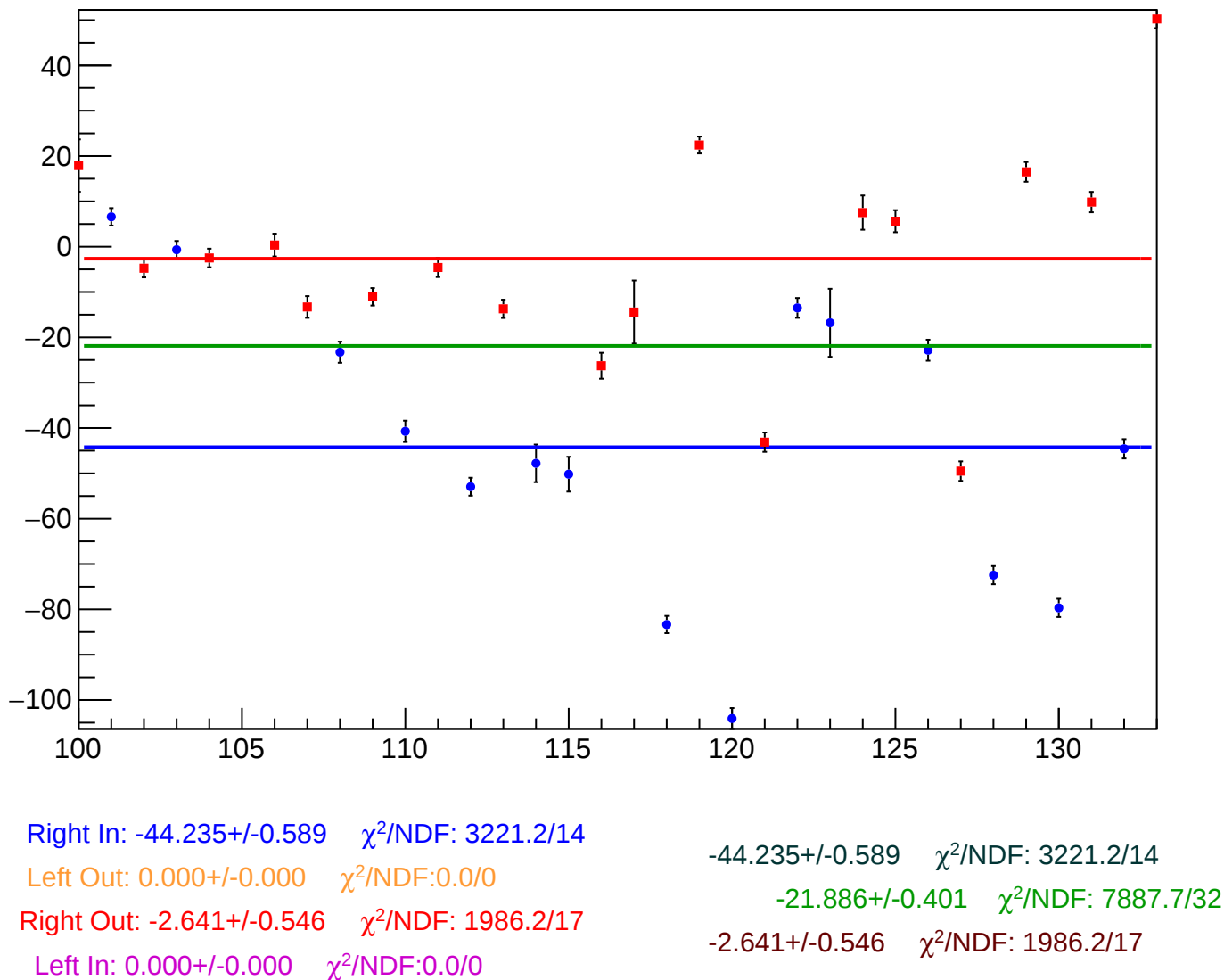
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

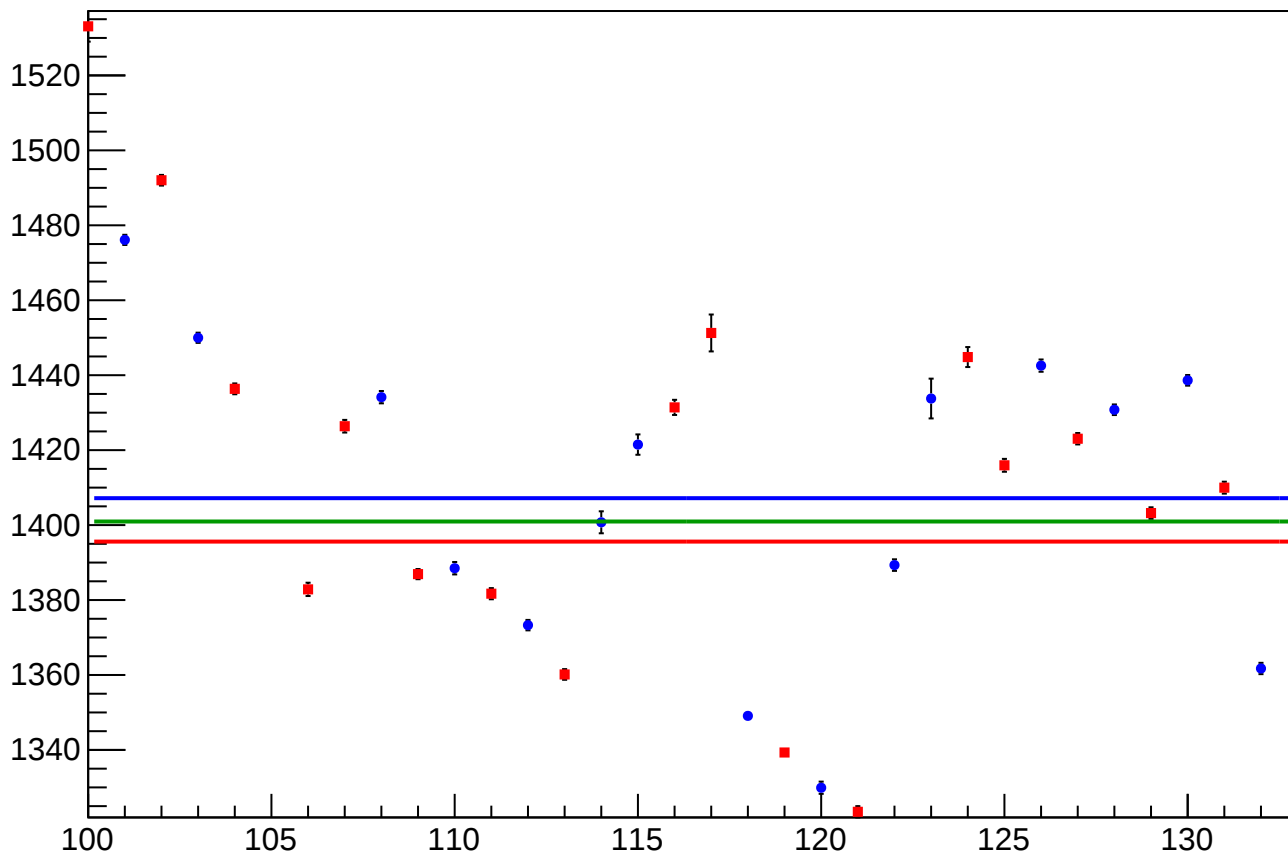
1016.751 $\pm$ 0.206 χ^2 /NDF: 107881.2/32

1018.704 $\pm$ 0.283 χ^2 /NDF: 58663.6/17

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: 1395.597 $\pm$ 0.386 χ^2 /NDF: 15583.7/17

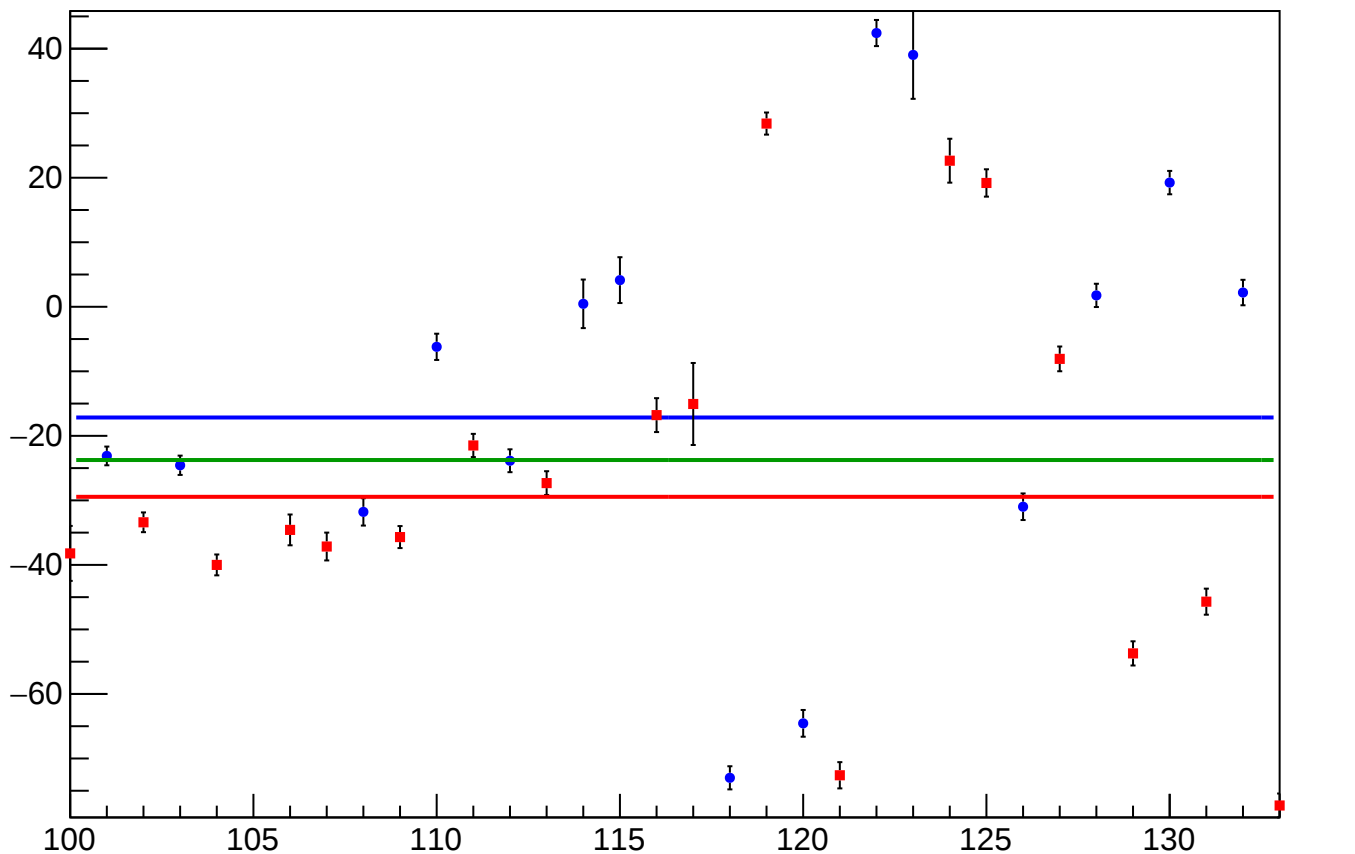
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1400.957 $\pm$ 0.283 χ^2 /NDF: 26991.5/32

1395.597 $\pm$ 0.386 χ^2 /NDF: 15583.7/17

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: -29.450+/-0.479 χ^2/NDF : 3506.6/17

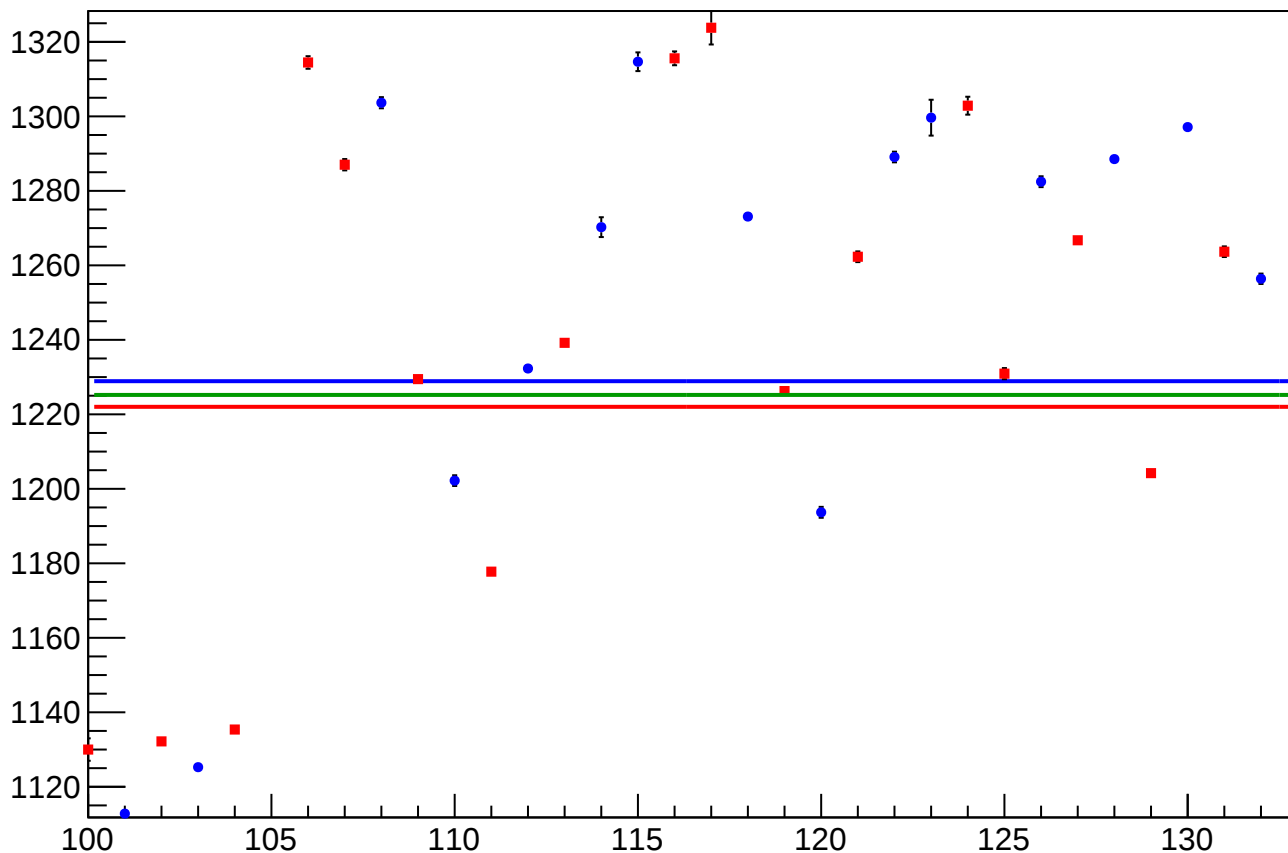
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.157+/-0.515 χ^2/NDF : 3271.6/14

-23.747+/-0.351 χ^2/NDF : 7083.6/32

-29.450+/-0.479 χ^2/NDF : 3506.6/17

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: 1222.019+/-0.339 χ^2 /NDF: 26941.9/17

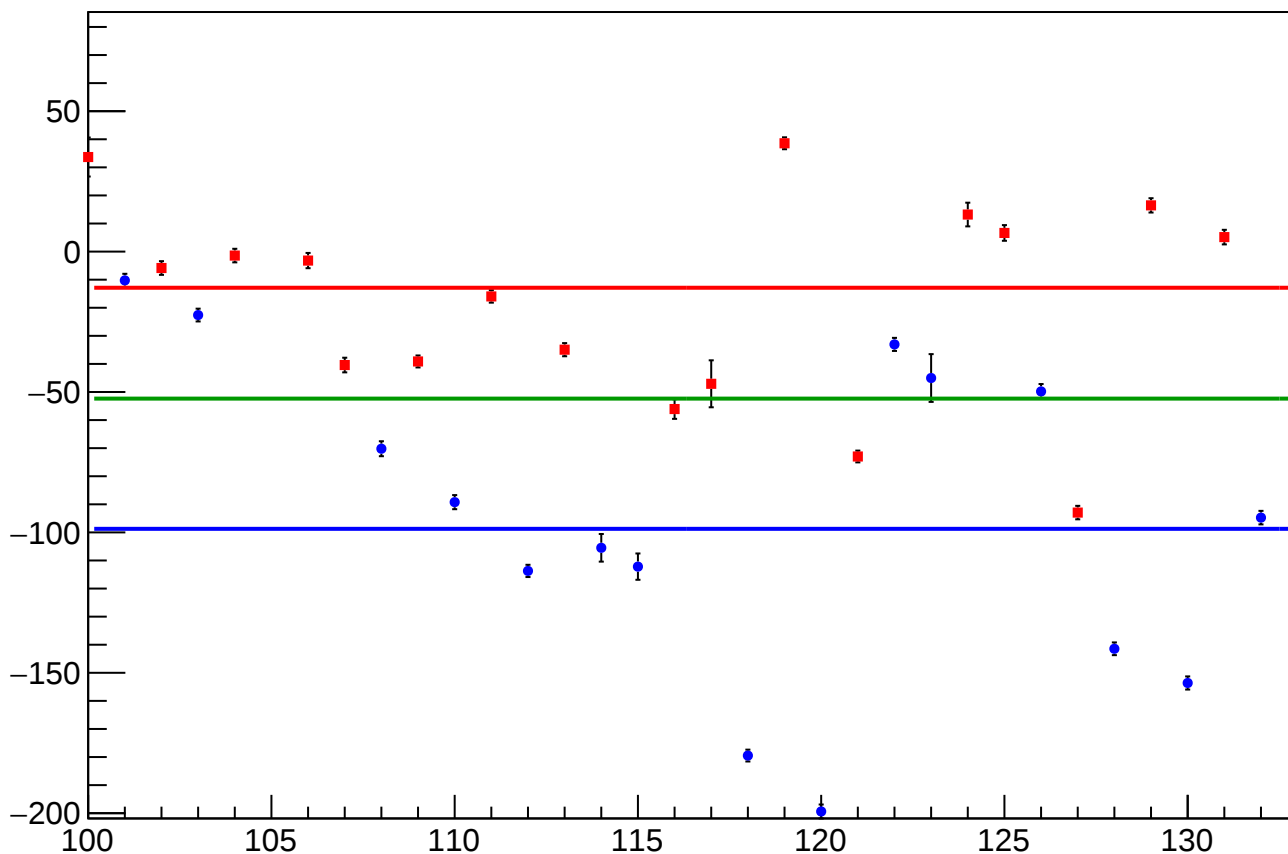
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1228.901+/-0.364 χ^2 /NDF: 37218.9/14

1225.211+/-0.248 χ^2 /NDF: 64352.2/32

1222.019+/-0.339 χ^2 /NDF: 26941.9/17

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.729 $\pm$ 0.667 χ^2 /NDF: 7912.7/14

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

Right Out: -12.873 $\pm$ 0.615 χ^2 /NDF: 5121.7/17

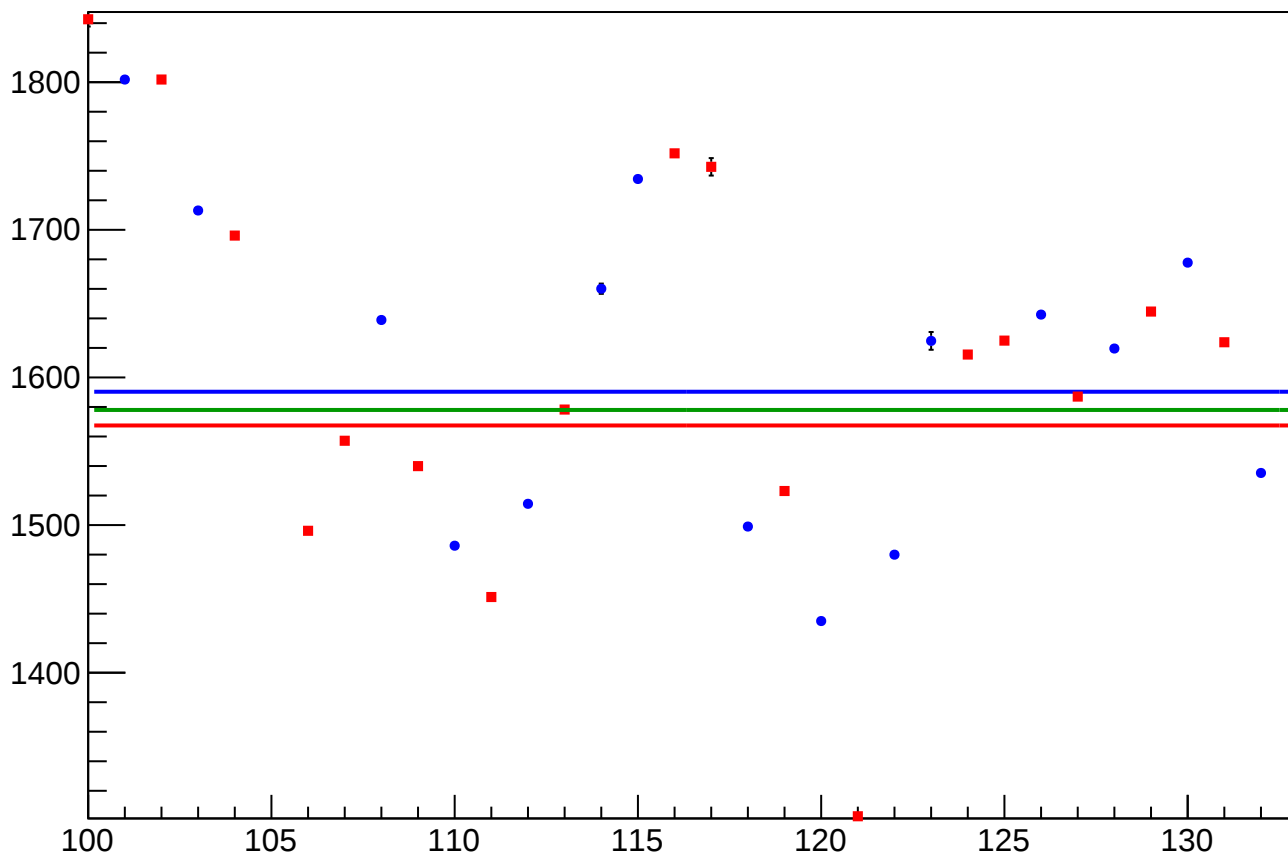
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-98.729 $\pm$ 0.667 χ^2 /NDF: 7912.7/14

-52.354 $\pm$ 0.452 χ^2 /NDF: 21984.4/32

-12.873 $\pm$ 0.615 χ^2 /NDF: 5121.7/17

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: 1567.470+/-0.435 χ^2/NDF : 78701.4/17

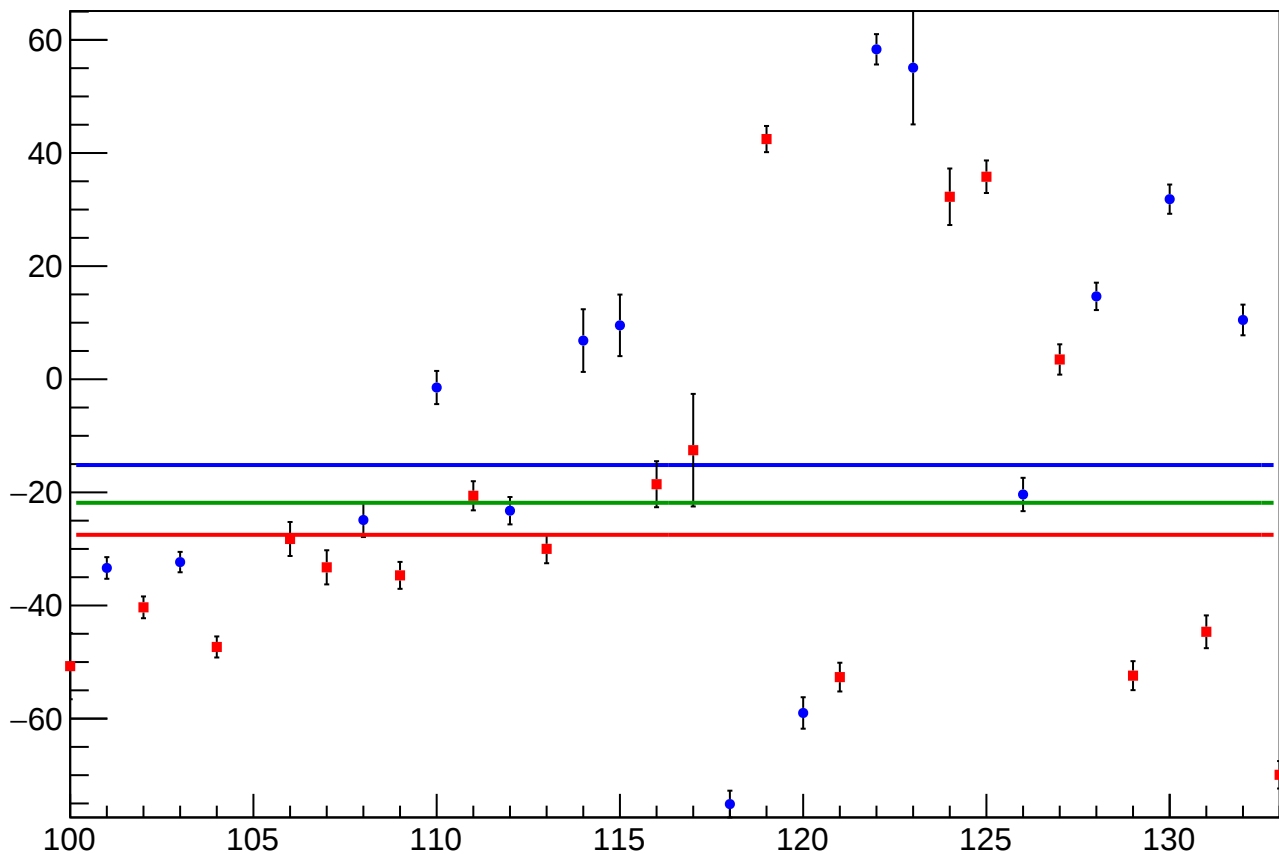
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1590.322+/-0.472 χ^2/NDF : 51889.1/14

1577.978+/-0.320 χ^2/NDF : 131858.6/32

1567.470+/-0.435 χ^2/NDF : 78701.4/17

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -15.167 ± 0.695 χ^2/NDF : 2524.8/14

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

Right Out: -27.503 ± 0.640 χ^2/NDF : 2409.2/17

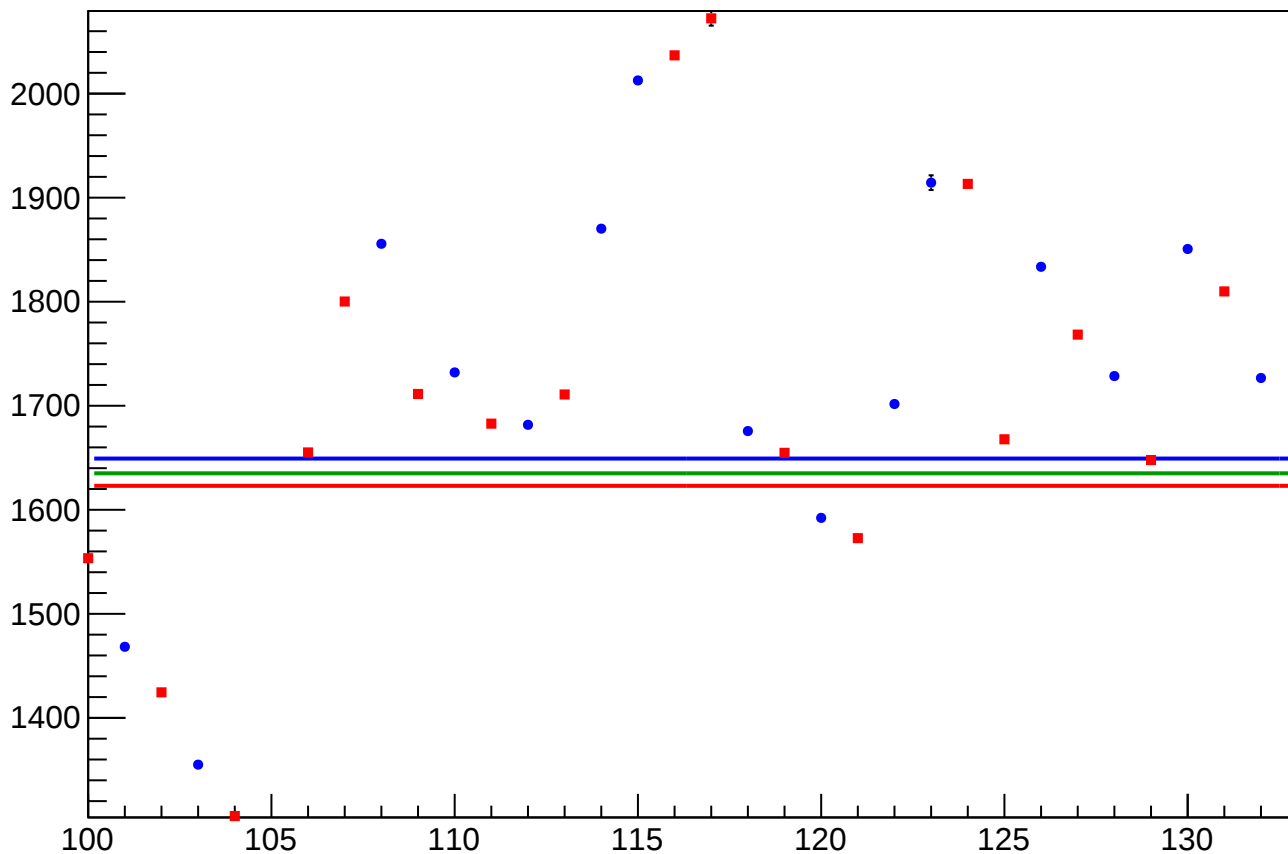
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.167 ± 0.695 χ^2/NDF : 2524.8/14

-21.842 ± 0.471 χ^2/NDF : 5104.6/32

-27.503 ± 0.640 χ^2/NDF : 2409.2/17

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: 1623.043 $\pm$ 0.452 χ^2 /NDF: 140873.9/17

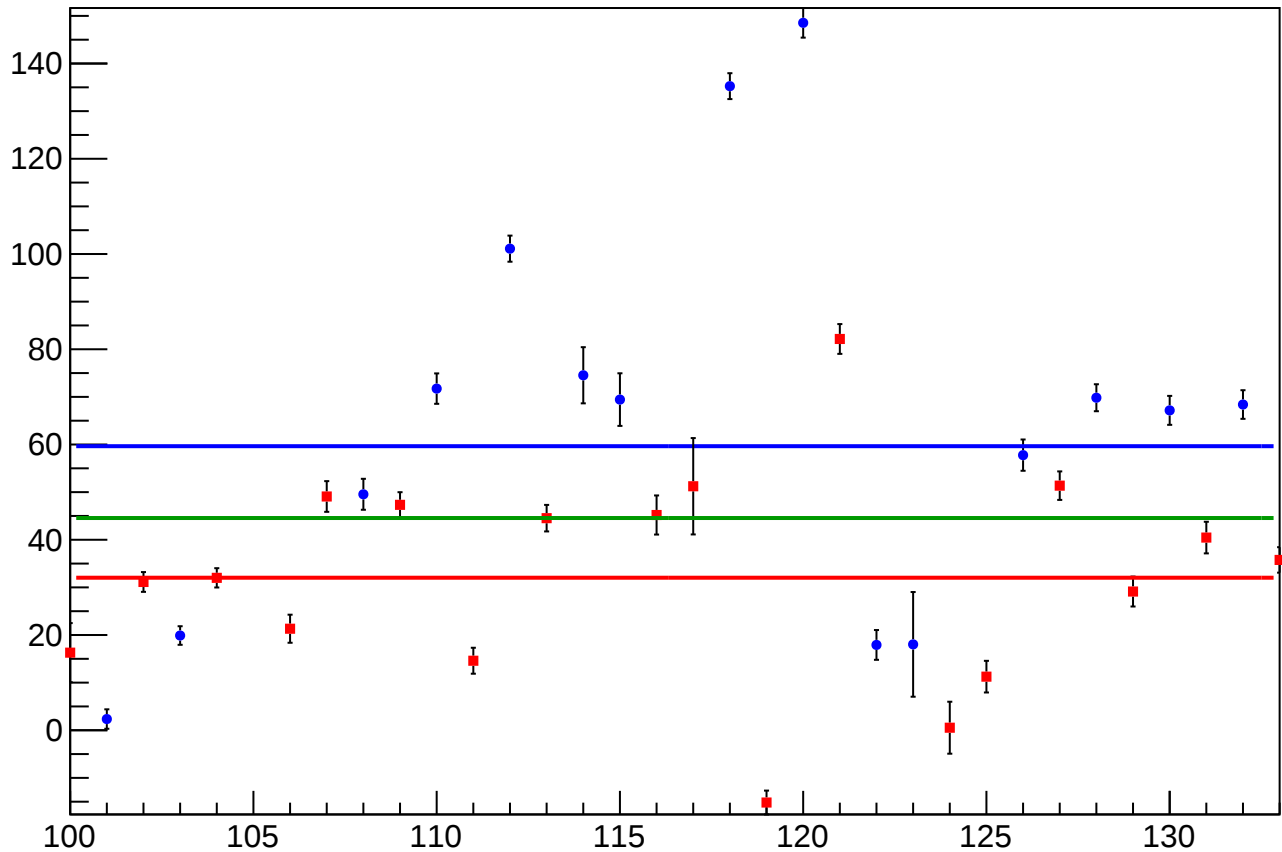
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1635.070 $\pm$ 0.333 χ^2 /NDF: 264031.7/32

1623.043 $\pm$ 0.452 χ^2 /NDF: 140873.9/17

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: 32.030 $\pm$ 0.704 χ^2 /NDF: 891.4/17

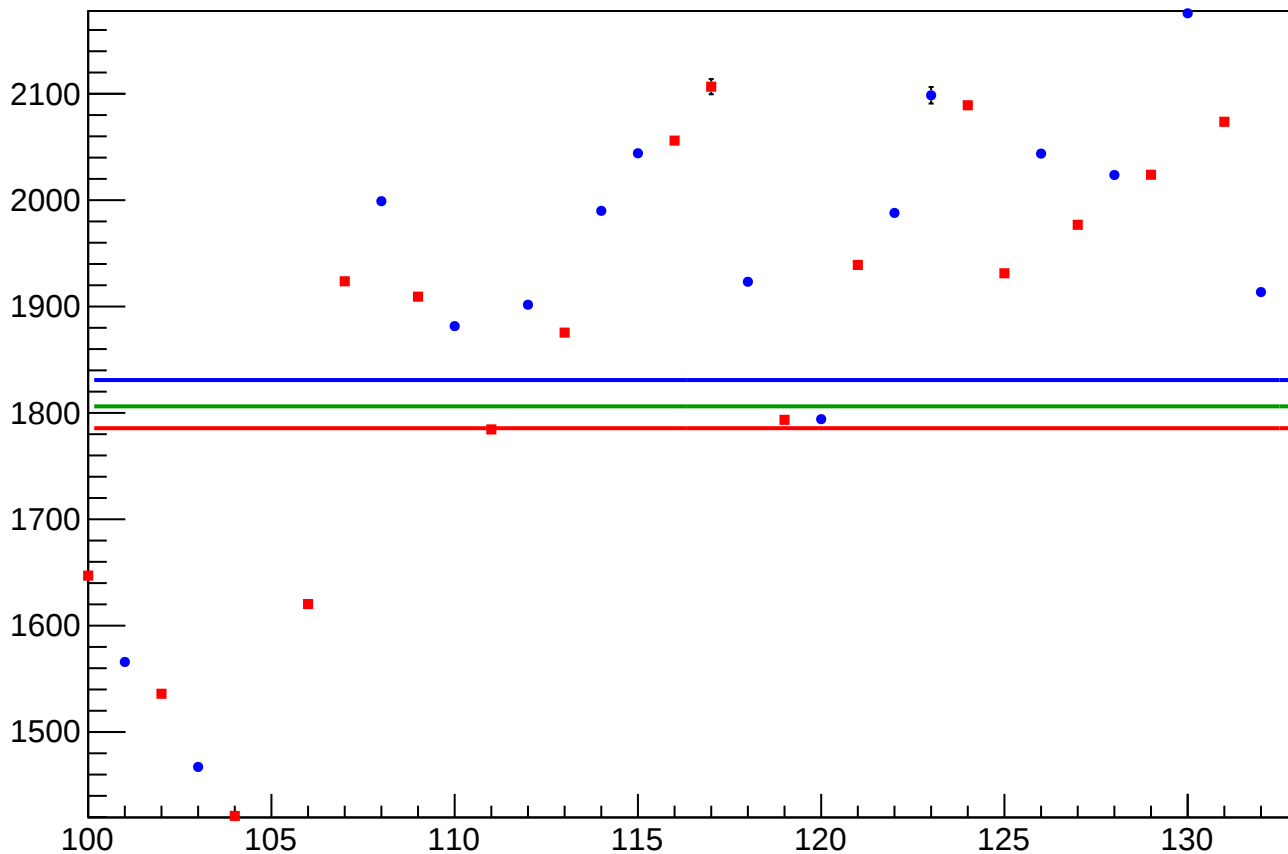
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

44.565 $\pm$ 0.520 χ^2 /NDF: 4865.5/32

32.030 $\pm$ 0.704 χ^2 /NDF: 891.4/17

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: 1785.630+/-0.498 χ^2/NDF : 171517.3/17

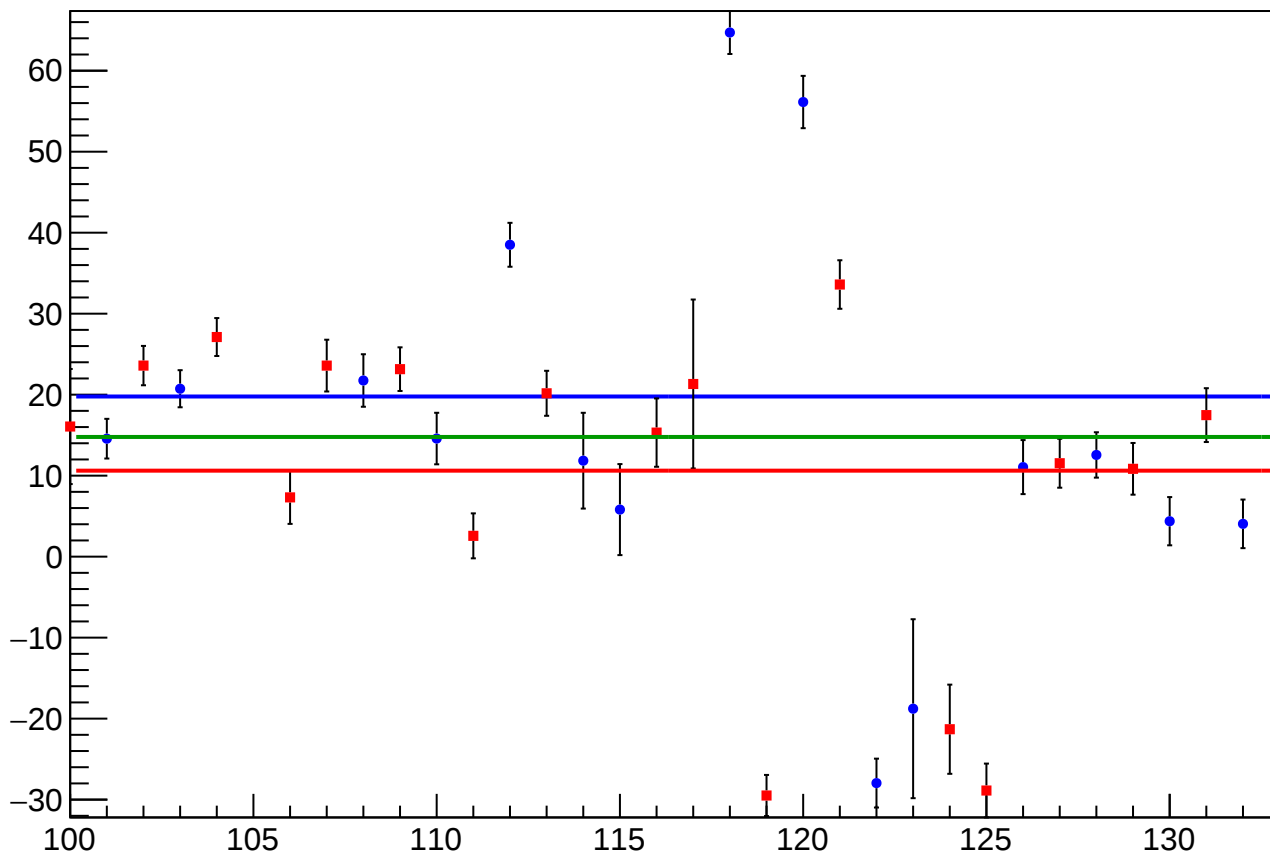
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1806.170+/-0.368 χ^2/NDF : 343849.5/32

1785.630+/-0.498 χ^2/NDF : 171517.3/17

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: 10.617 $\pm$ 0.734 χ^2 /NDF: 634.8/17

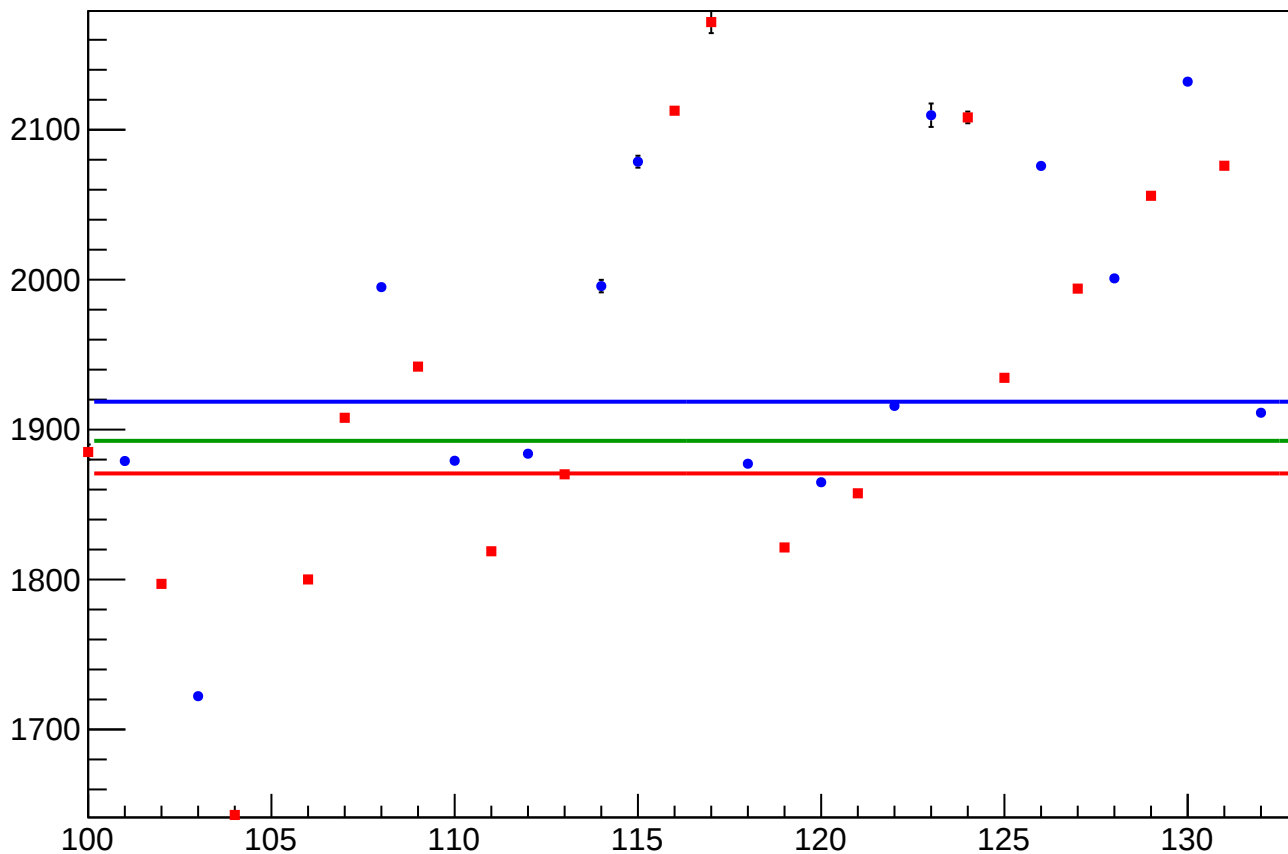
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

19.774 $\pm$ 0.805 χ^2 /NDF: 807.2/14

14.778 $\pm$ 0.542 χ^2 /NDF: 1512.7/32

10.617 $\pm$ 0.734 χ^2 /NDF: 634.8/17

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: 1870.763+/-0.519 χ^2/NDF : 59538.2/17

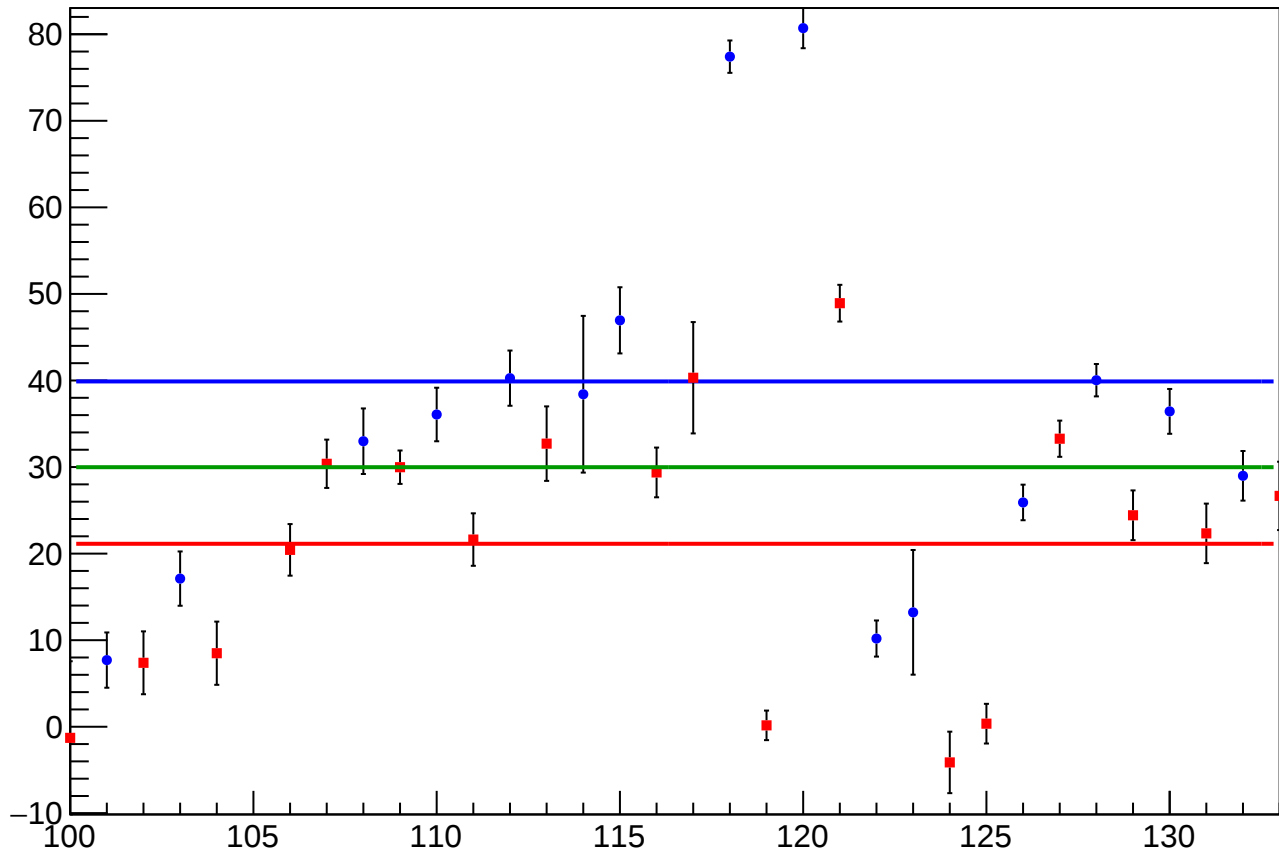
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1918.611+/-0.569 χ^2/NDF : 37036.3/14

1892.508+/-0.384 χ^2/NDF : 100433.3/32

1870.763+/-0.519 χ^2/NDF : 59538.2/17

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 39.891+/-0.696 χ^2/NDF : 1153.1/14

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

Right Out: 21.136+/-0.657 χ^2/NDF : 581.4/17

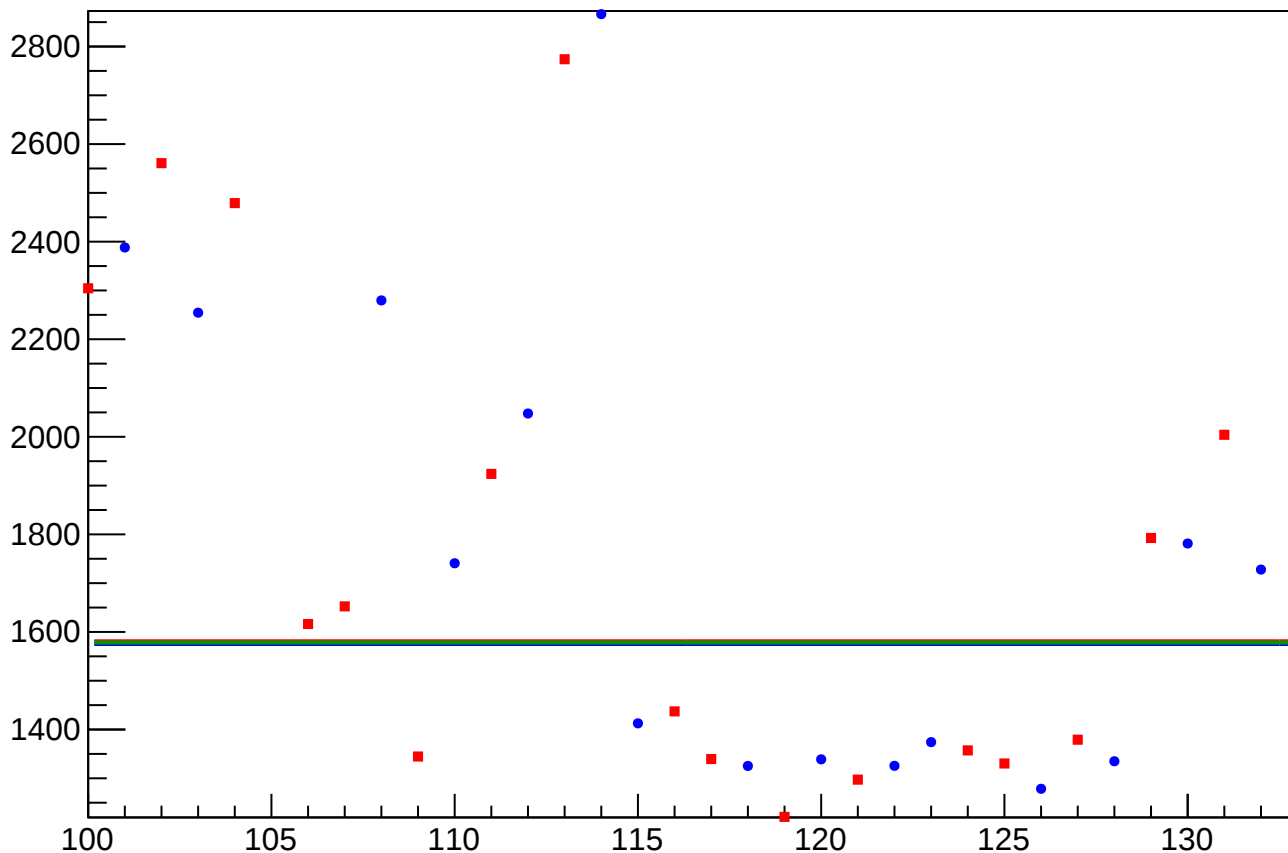
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

39.891+/-0.696 χ^2/NDF : 1153.1/14

29.984+/-0.478 χ^2/NDF : 2118.6/32

21.136+/-0.657 χ^2/NDF : 581.4/17

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: 1580.862 $\pm$ 0.465 χ^2 /NDF: 817283.9/17

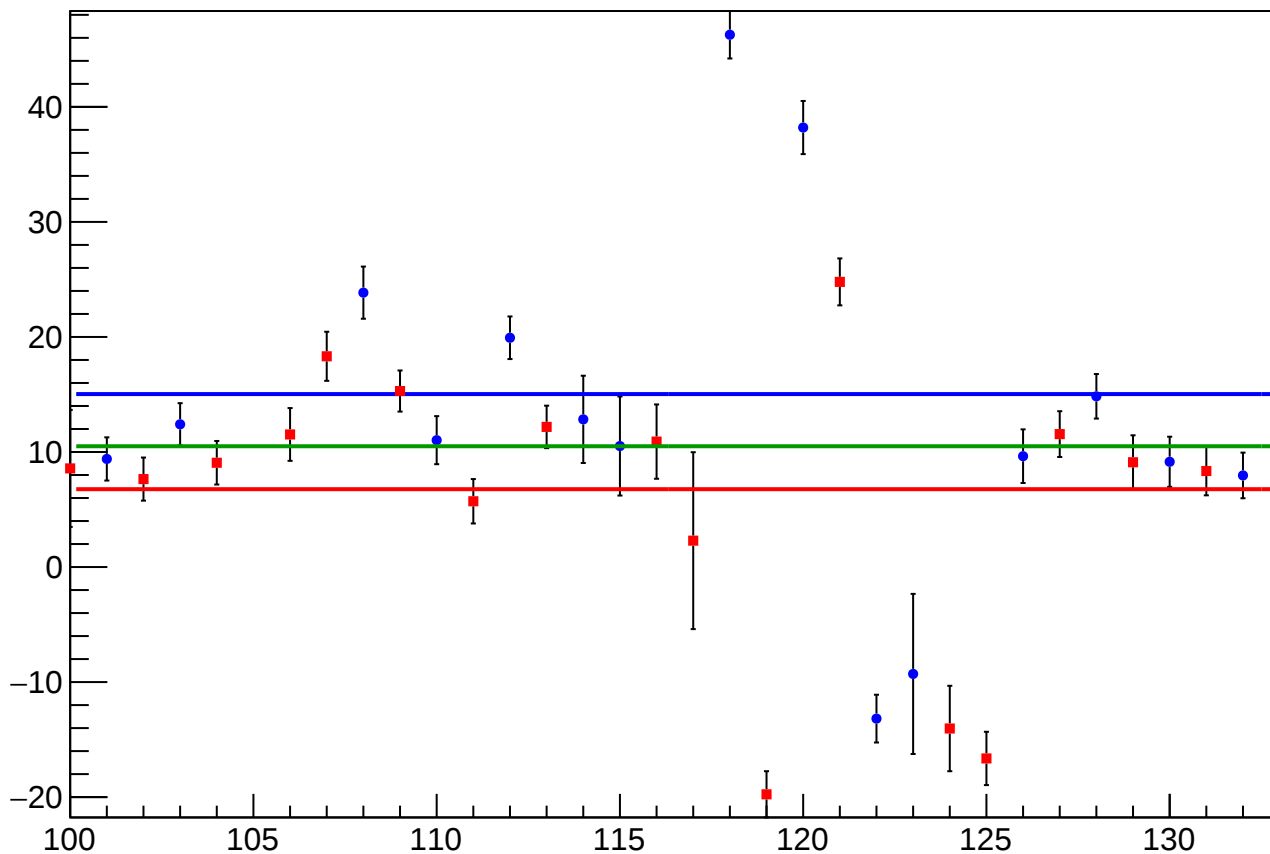
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1578.222 $\pm$ 0.338 χ^2 /NDF: 1383619.5/32

1580.862 $\pm$ 0.465 χ^2 /NDF: 817283.9/17

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 15.035+/-0.576 χ^2/NDF : 590.3/14

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

Right Out: 6.767+/-0.523 χ^2/NDF : 488.5/17

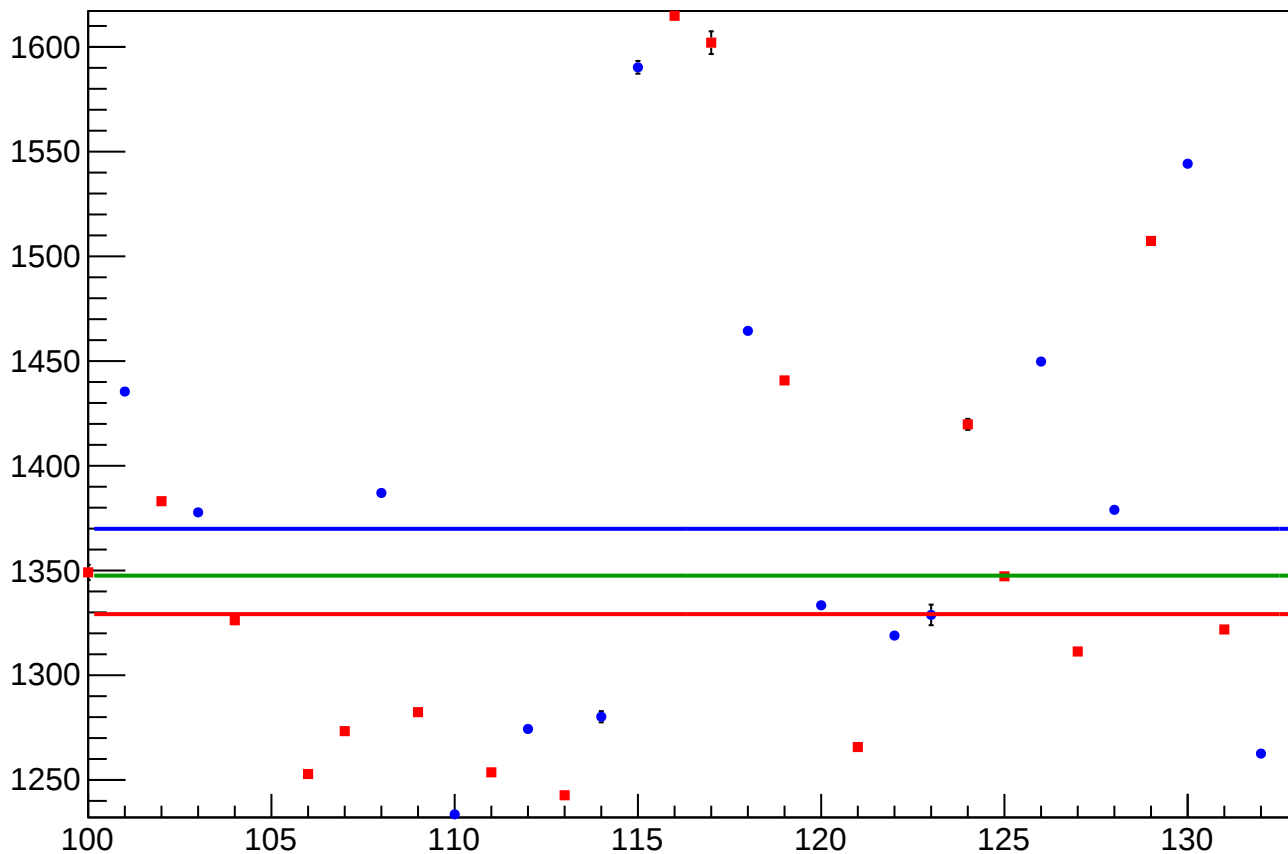
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.035+/-0.576 χ^2/NDF : 590.3/14

10.500+/-0.387 χ^2/NDF : 1191.6/32

6.767+/-0.523 χ^2/NDF : 488.5/17

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: 1329.162 $\pm$ 0.370 χ^2 /NDF: 54032.2/17

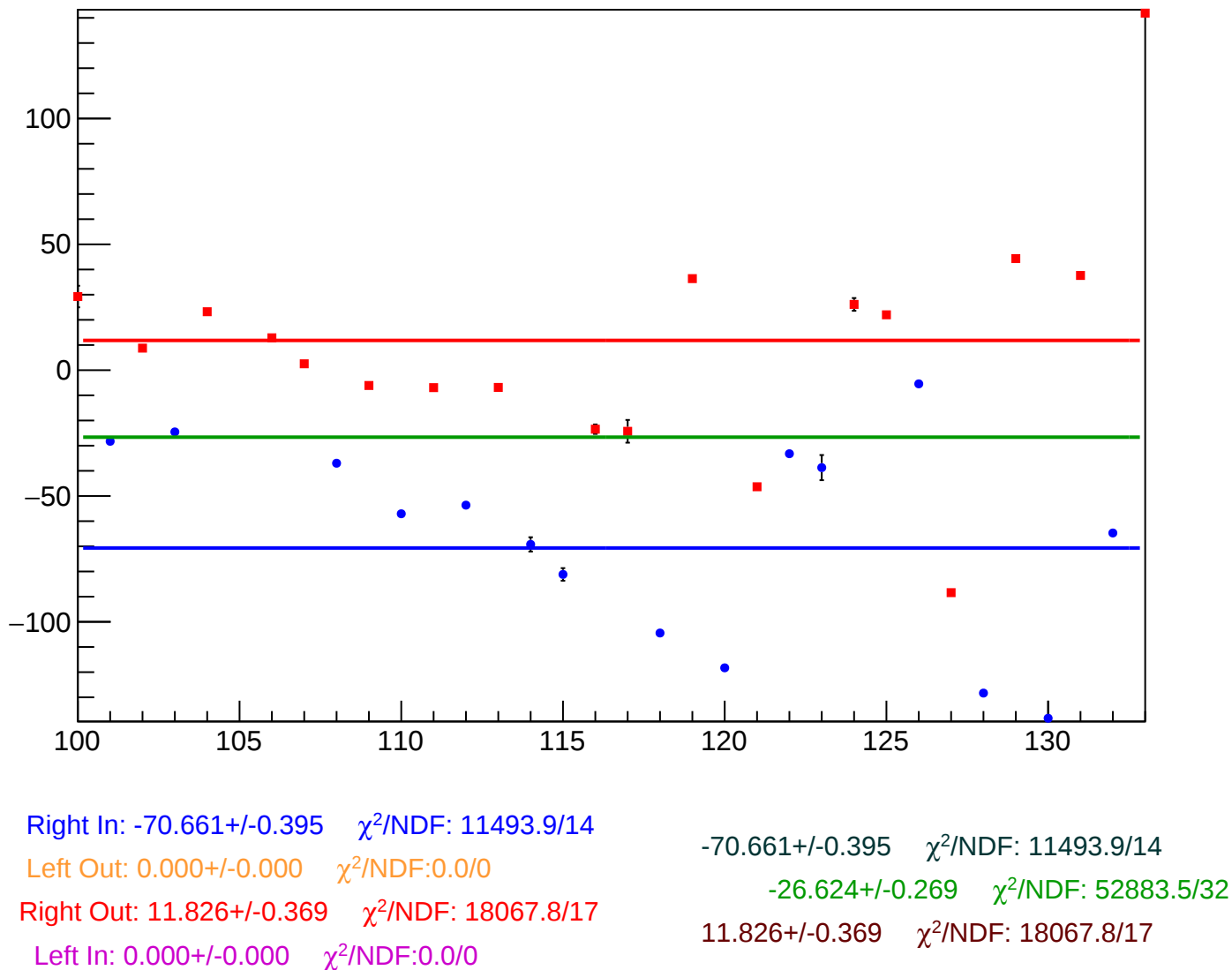
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

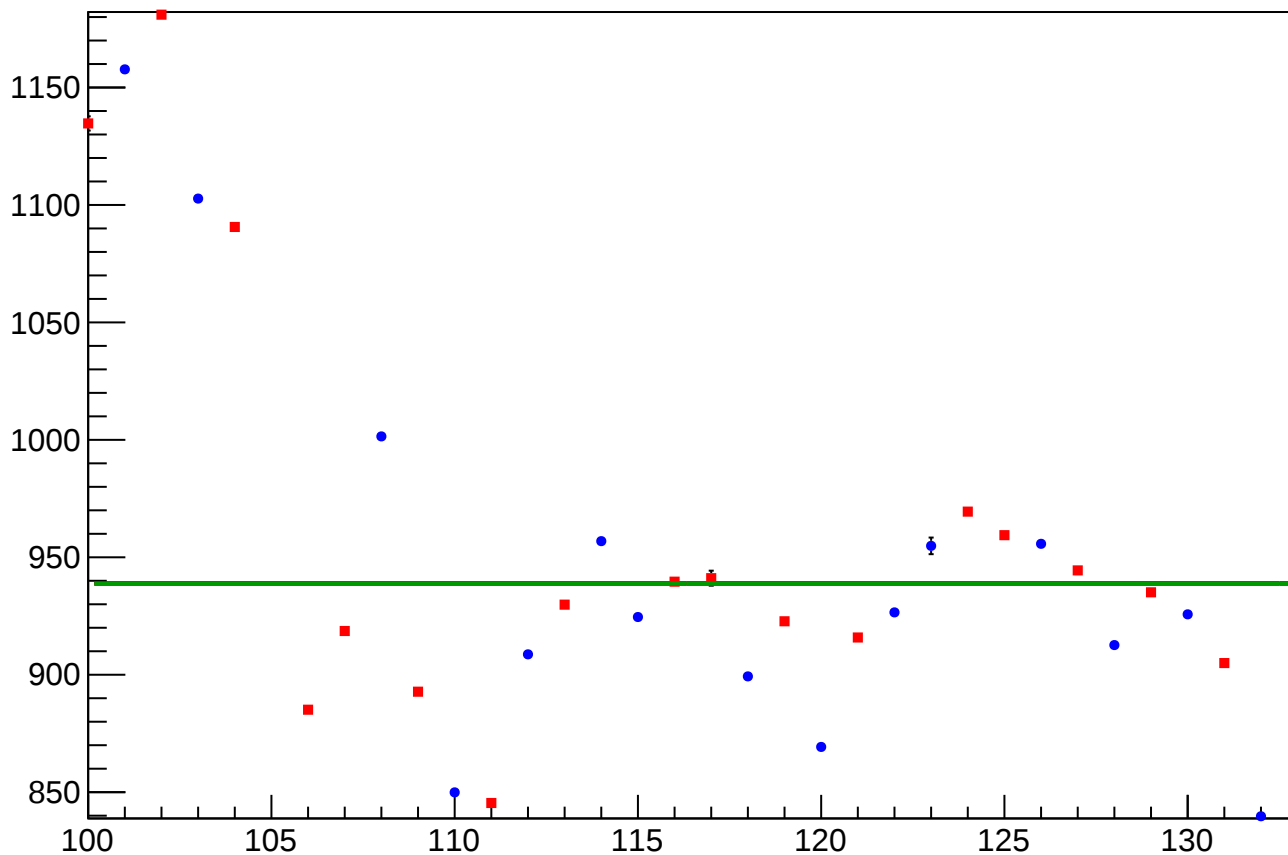
1347.560 $\pm$ 0.274 χ^2 /NDF: 109336.2/32

1329.162 $\pm$ 0.370 χ^2 /NDF: 54032.2/17

diff_bpm1i02X_mean vs Slug, Sign Corrected



diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 938.973+/-0.279 χ^2/NDF : 97795.9/14

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

Right Out: 938.689+/-0.261 χ^2/NDF : 90200.0/17

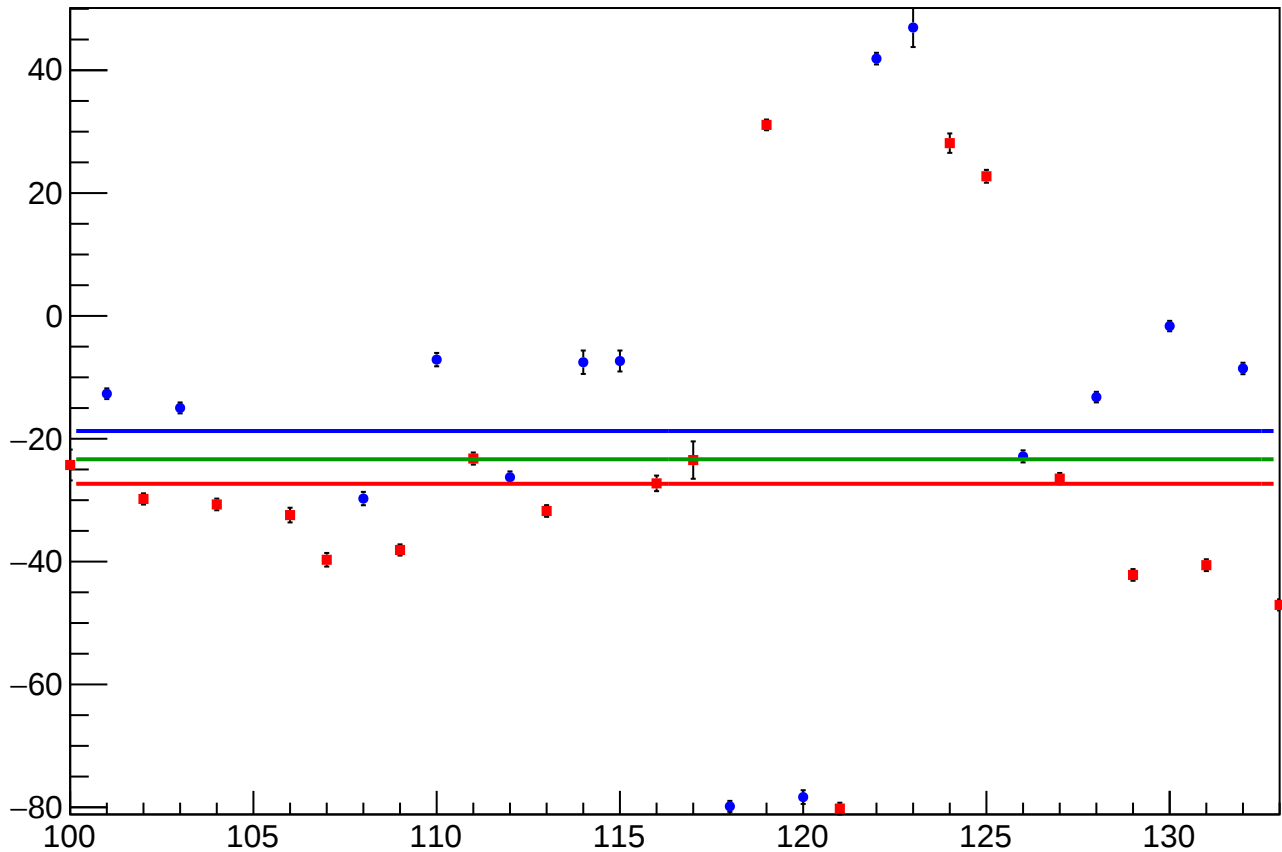
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

938.973+/-0.279 χ^2/NDF : 97795.9/14

938.821+/-0.191 χ^2/NDF : 187996.5/32

938.689+/-0.261 χ^2/NDF : 90200.0/17

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: -27.331+/-0.247 χ^2/NDF : 12304.1/17

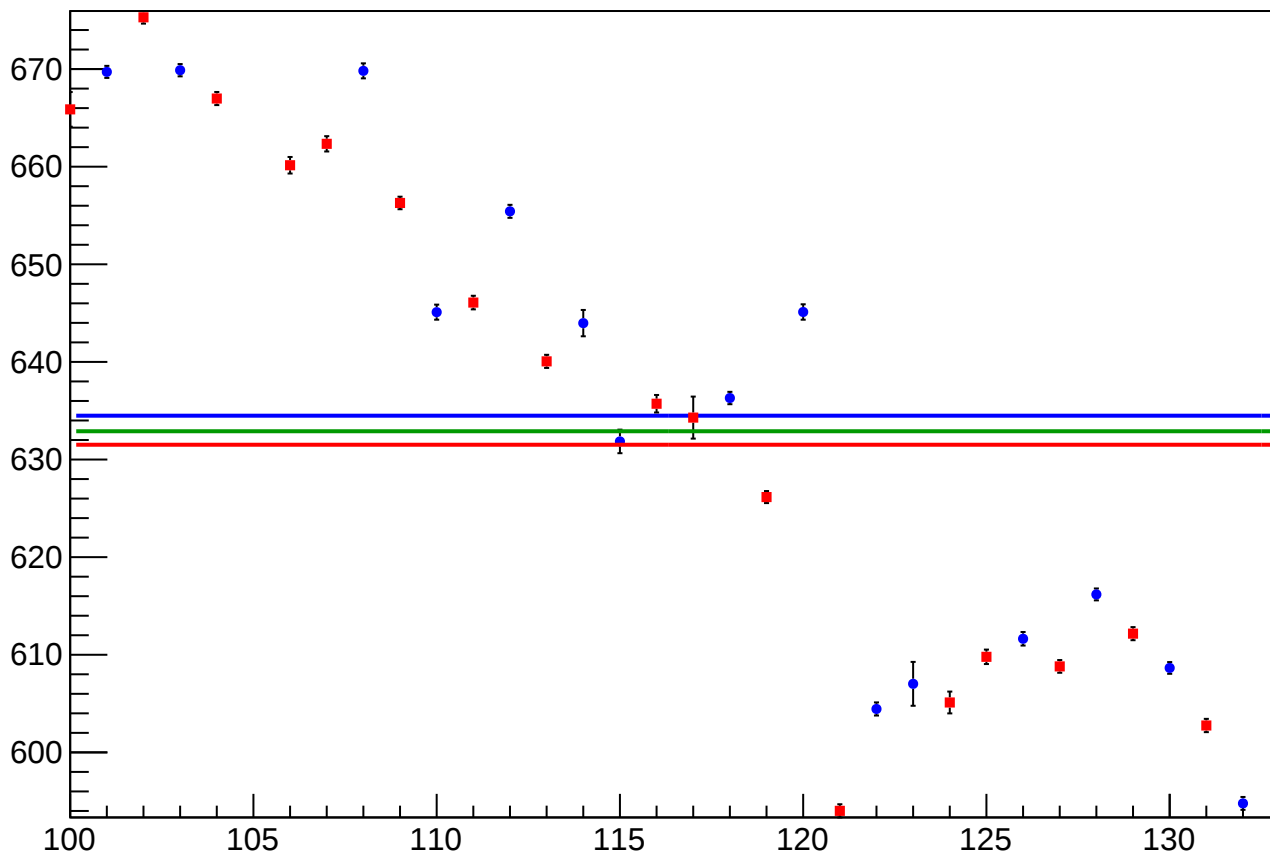
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.736+/-0.266 χ^2/NDF : 13005.2/14

-23.339+/-0.181 χ^2/NDF : 25870.0/32

-27.331+/-0.247 χ^2/NDF : 12304.1/17

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: 631.515+/-0.175 χ^2/NDF : 23857.0/17

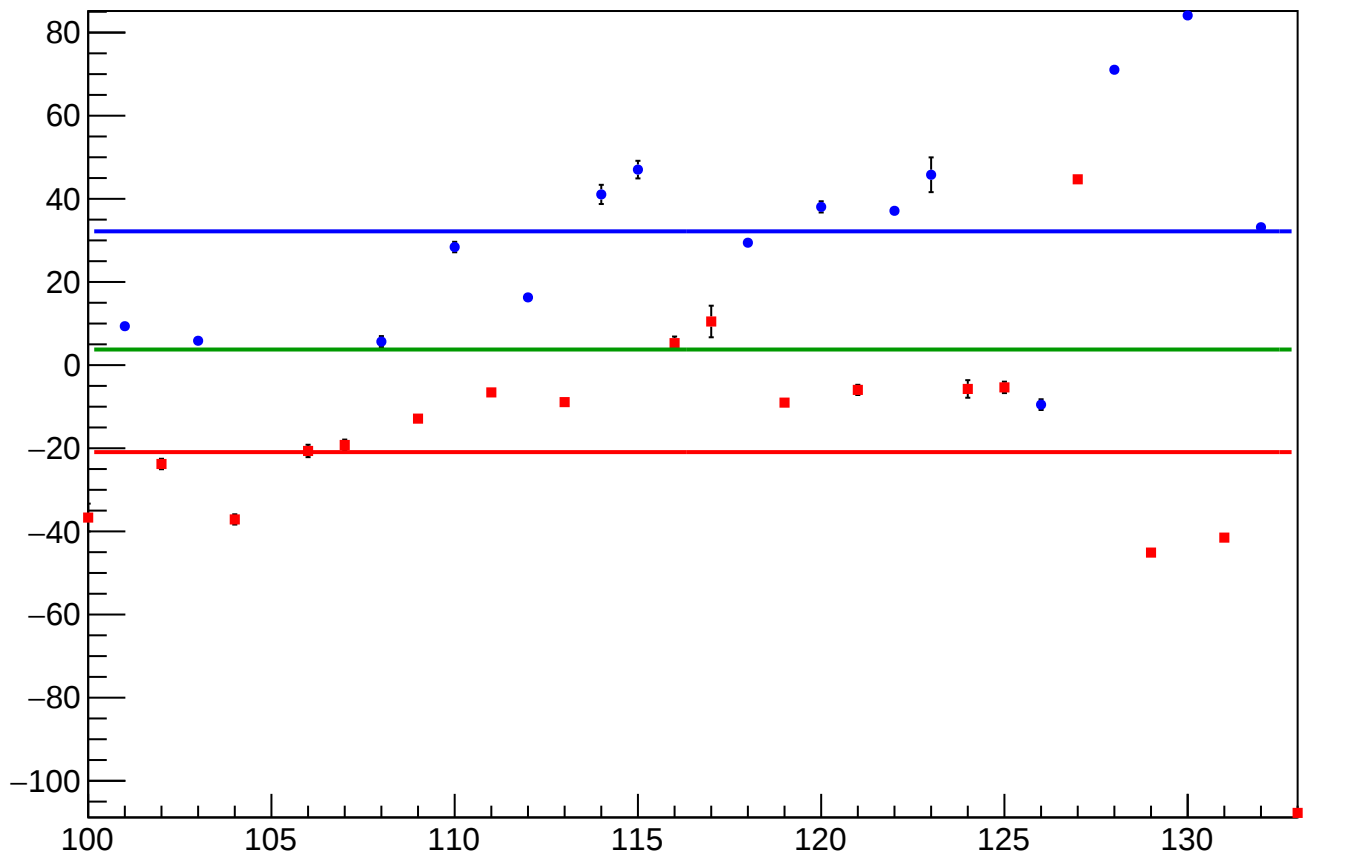
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

634.491+/-0.188 χ^2/NDF : 19550.8/14

632.897+/-0.128 χ^2/NDF : 43542.3/32

631.515+/-0.175 χ^2/NDF : 23857.0/17

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 32.181+/-0.330 χ^2/NDF : 6350.1/14

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

Right Out: -20.928+/-0.308 χ^2/NDF : 11249.8/17

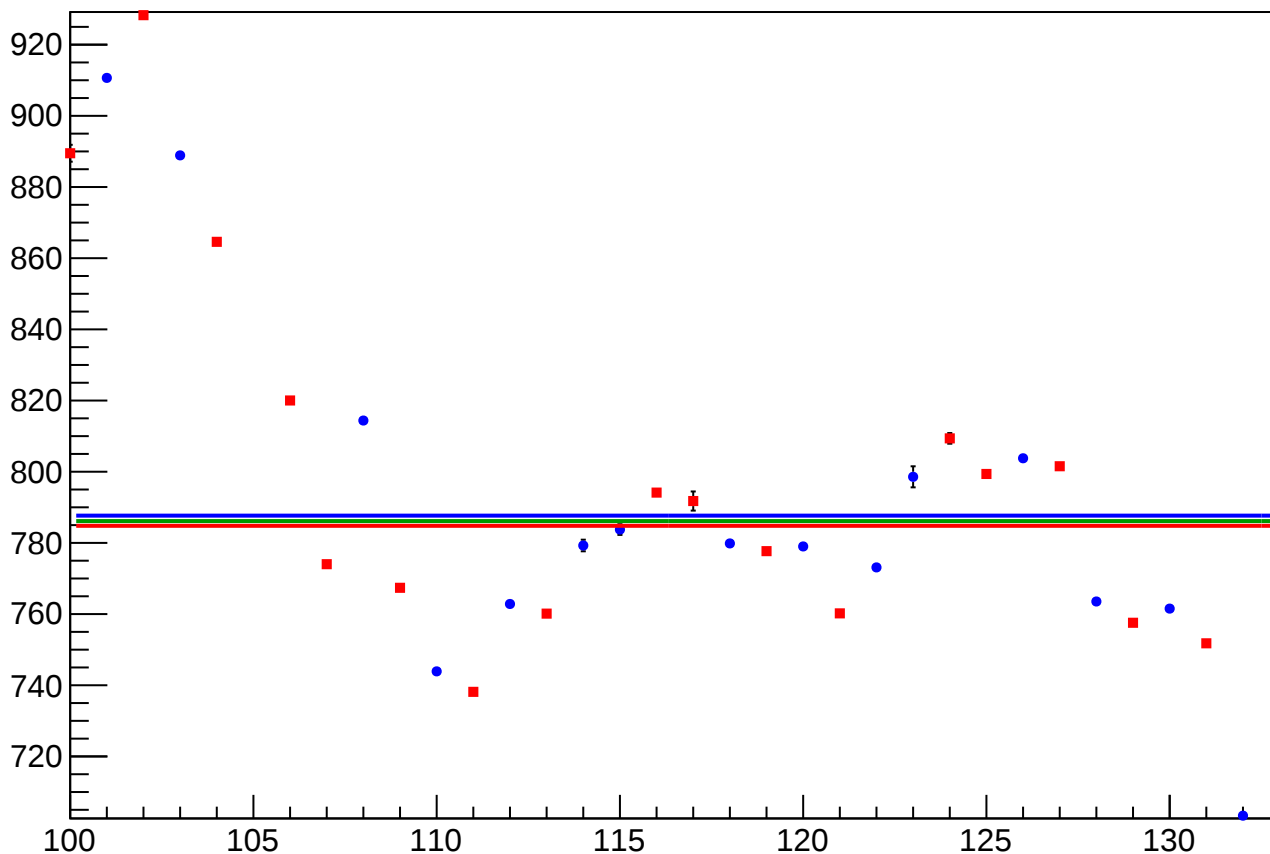
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.181+/-0.330 χ^2/NDF : 6350.1/14

3.752+/-0.225 χ^2/NDF : 31431.1/32

-20.928+/-0.308 χ^2/NDF : 11249.8/17

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: 784.805 $\pm$ 0.218 χ^2 /NDF: 54151.8/17

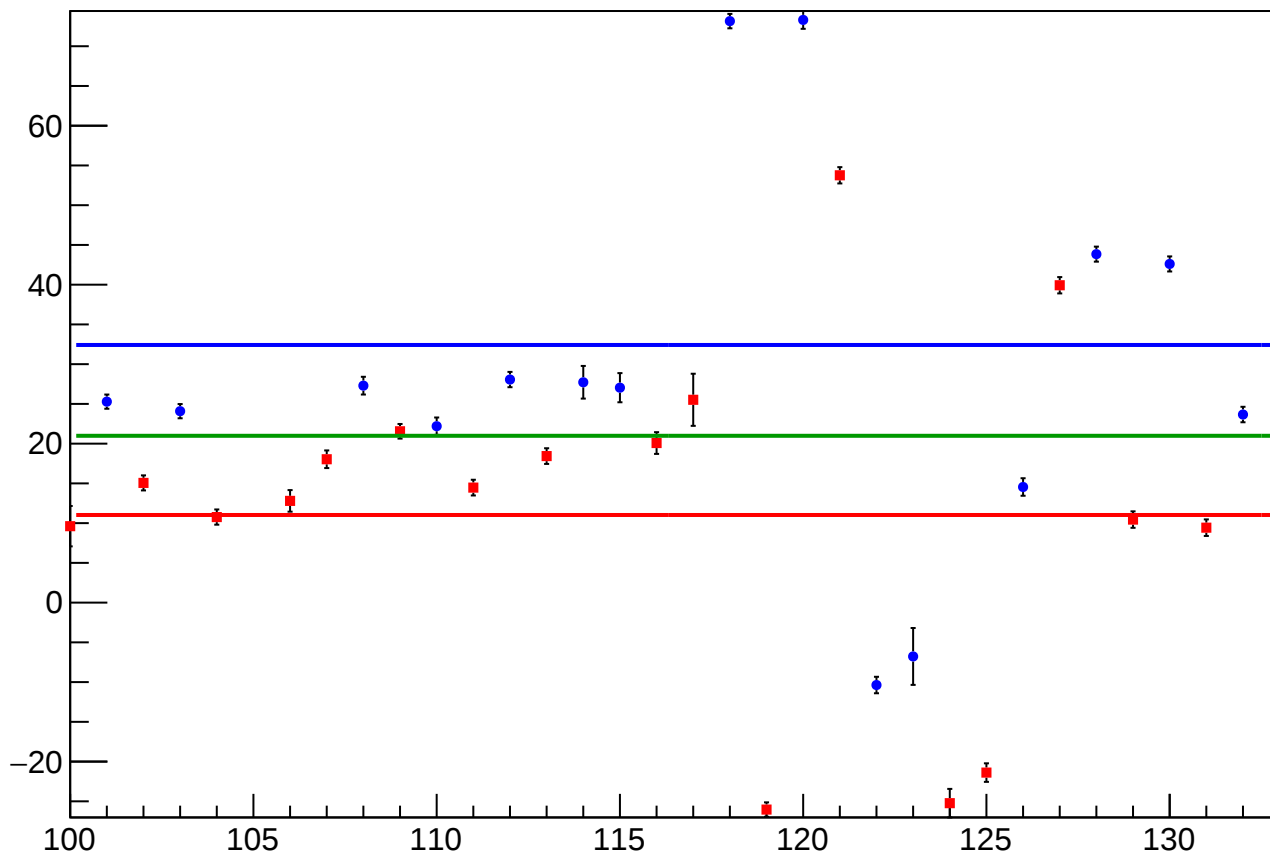
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

786.134 $\pm$ 0.159 χ^2 /NDF: 109333.9/32

784.805 $\pm$ 0.218 χ^2 /NDF: 54151.8/17

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: 11.025+/-0.260 χ^2/NDF : 6298.6/17

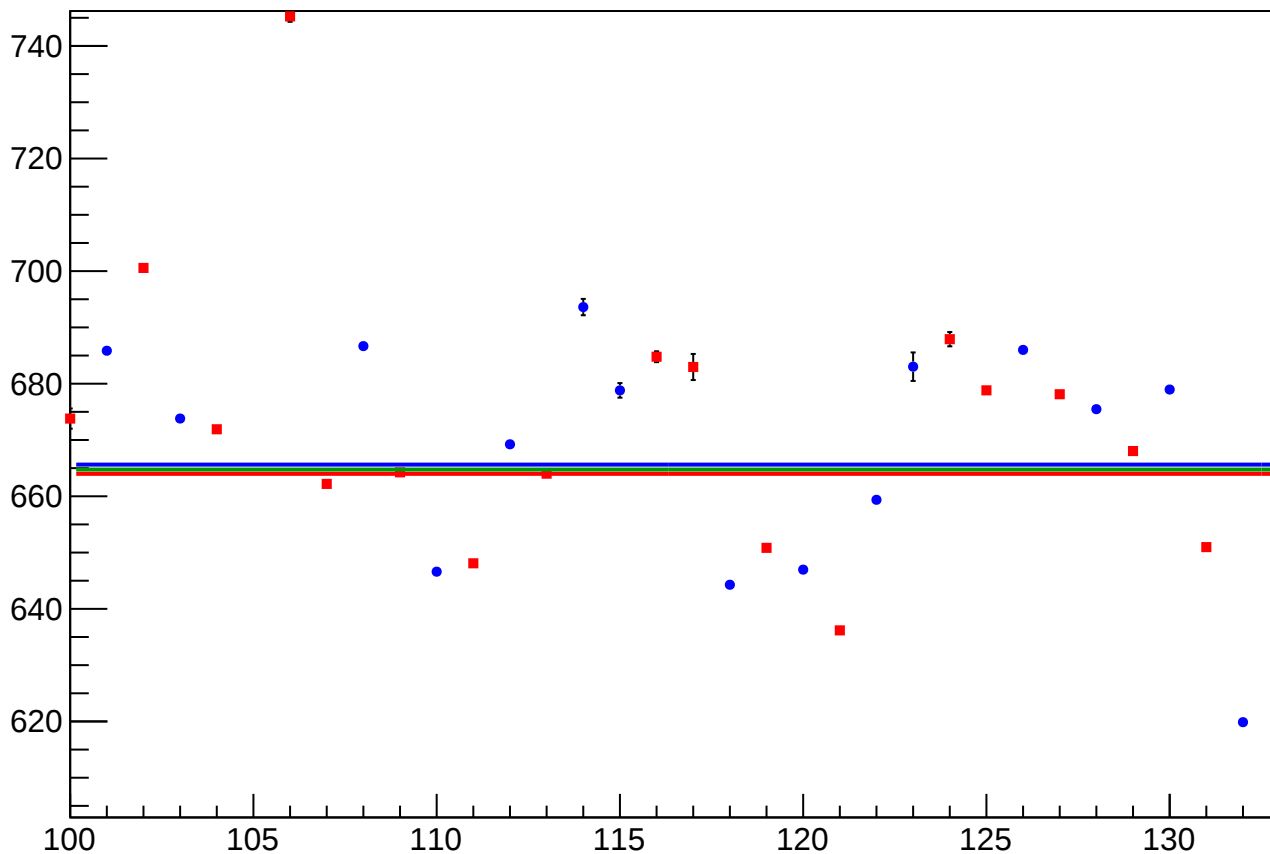
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.415+/-0.279 χ^2/NDF : 6071.2/14

20.989+/-0.190 χ^2/NDF : 15518.5/32

11.025+/-0.260 χ^2/NDF : 6298.6/17

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: 663.987+/-0.184 χ^2/NDF : 23301.3/17

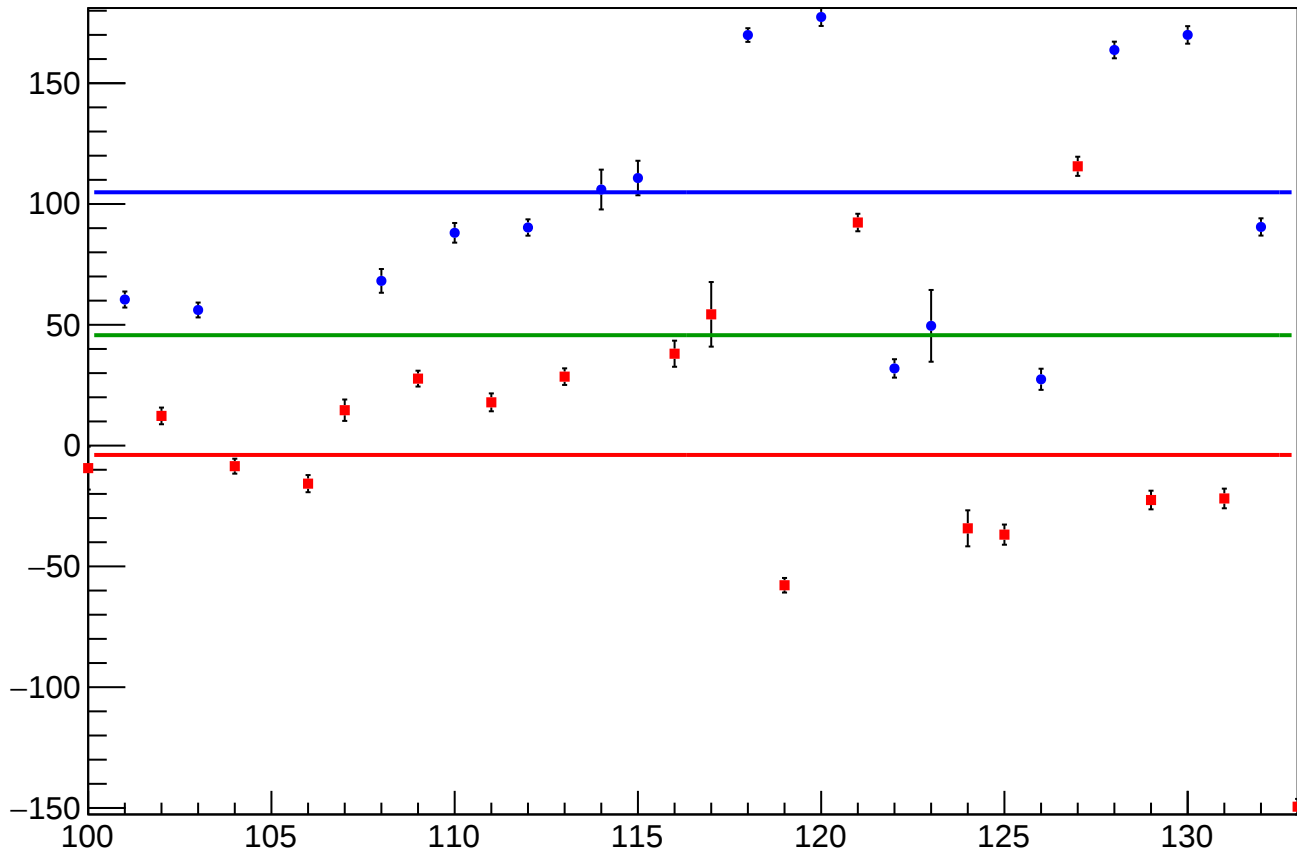
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

665.626+/-0.197 χ^2/NDF : 10514.1/14

664.751+/-0.134 χ^2/NDF : 33852.4/32

663.987+/-0.184 χ^2/NDF : 23301.3/17

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 104.854 $\pm$ 1.009 χ^2 /NDF: 2755.4/14

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

Right Out: -3.868 $\pm$ 0.924 χ^2 /NDF: 4453.4/17

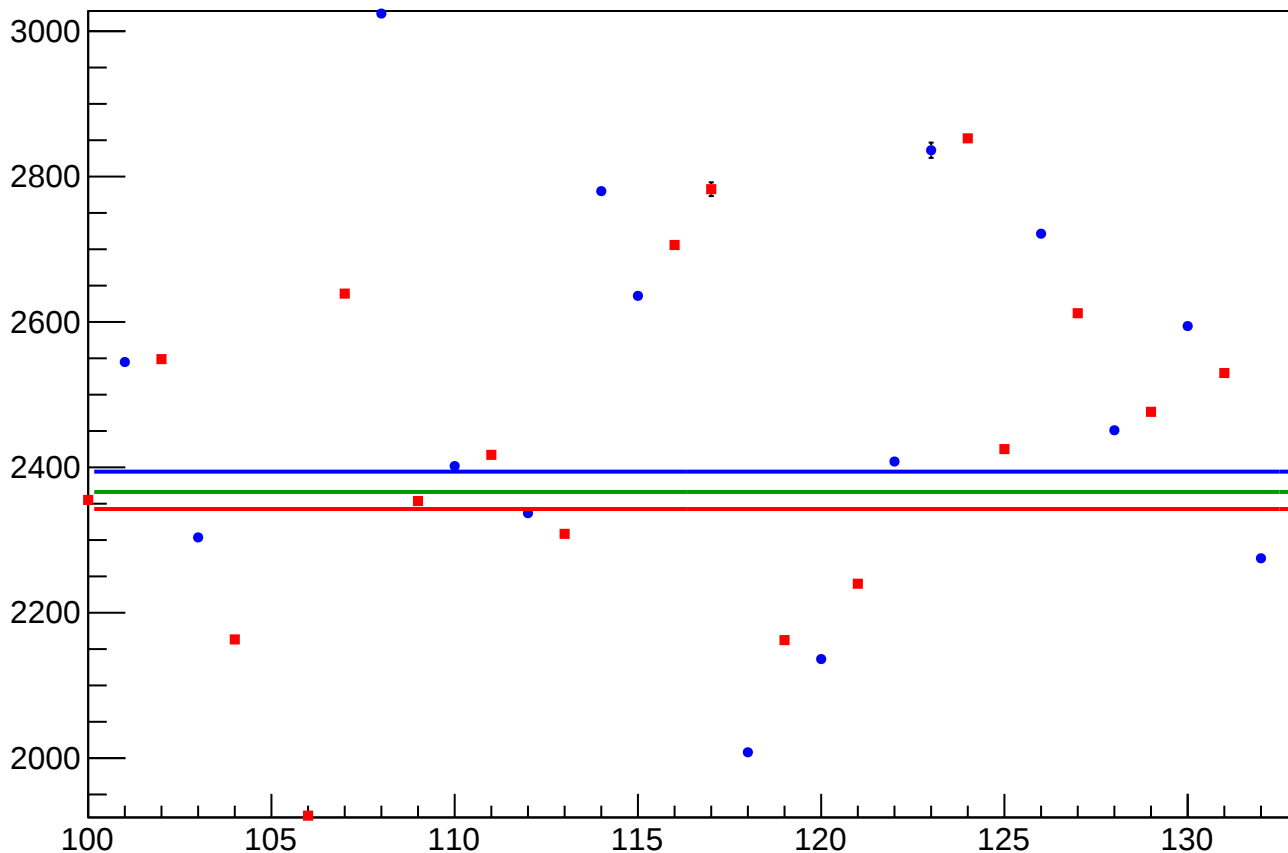
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

104.854 $\pm$ 1.009 χ^2 /NDF: 2755.4/14

45.701 $\pm$ 0.682 χ^2 /NDF: 13521.6/32

-3.868 $\pm$ 0.924 χ^2 /NDF: 4453.4/17

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: 2342.731 $\pm$ 0.653 χ^2 /NDF: 108482.3/17

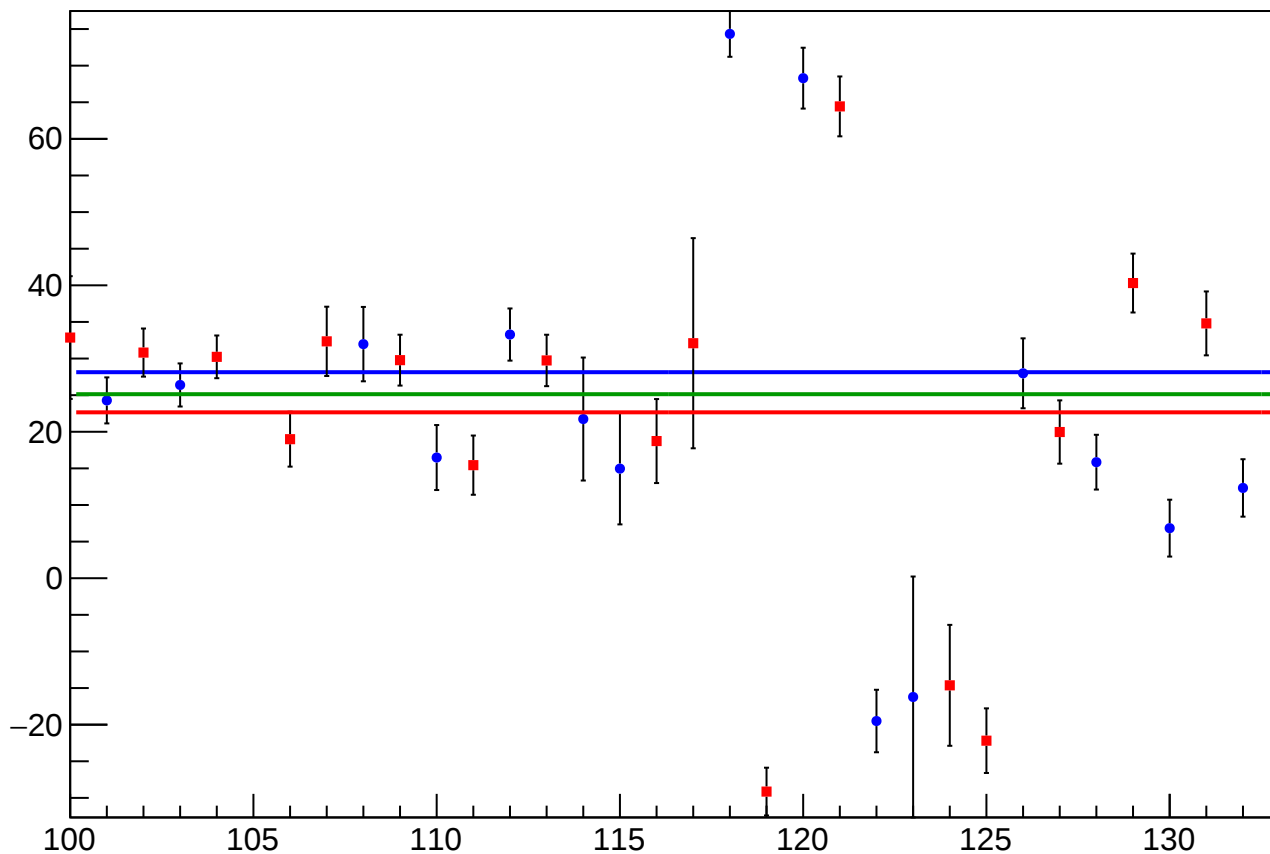
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2366.150 $\pm$ 0.482 χ^2 /NDF: 225886.7/32

2342.731 $\pm$ 0.653 χ^2 /NDF: 108482.3/17

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: 22.655+/-0.967 χ^2 /NDF: 552.0/17

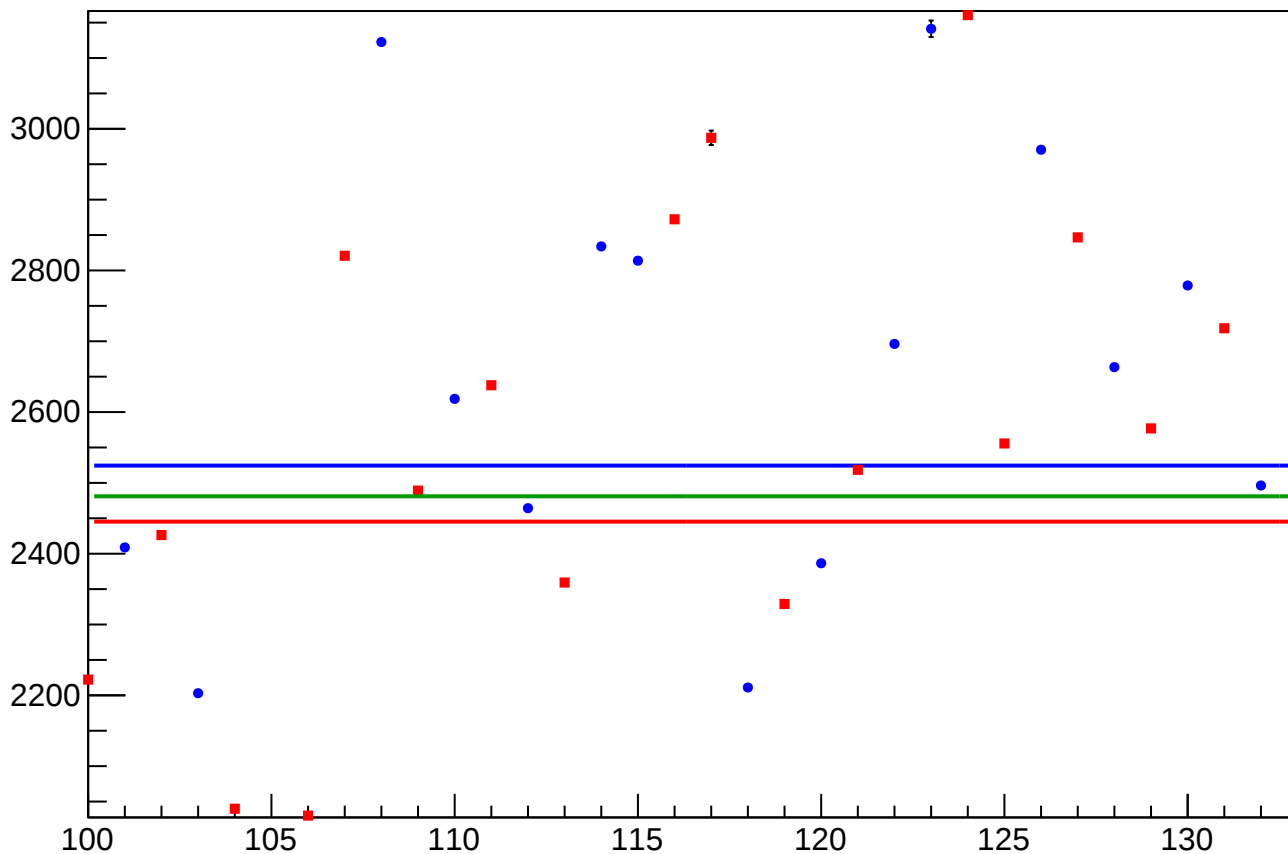
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.136+/-1.065 χ^2 /NDF: 515.7/14

25.132+/-0.716 χ^2 /NDF: 1082.3/32

22.655+/-0.967 χ^2 /NDF: 552.0/17

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: 2445.306+/-0.684 χ^2/NDF : 147561.6/17

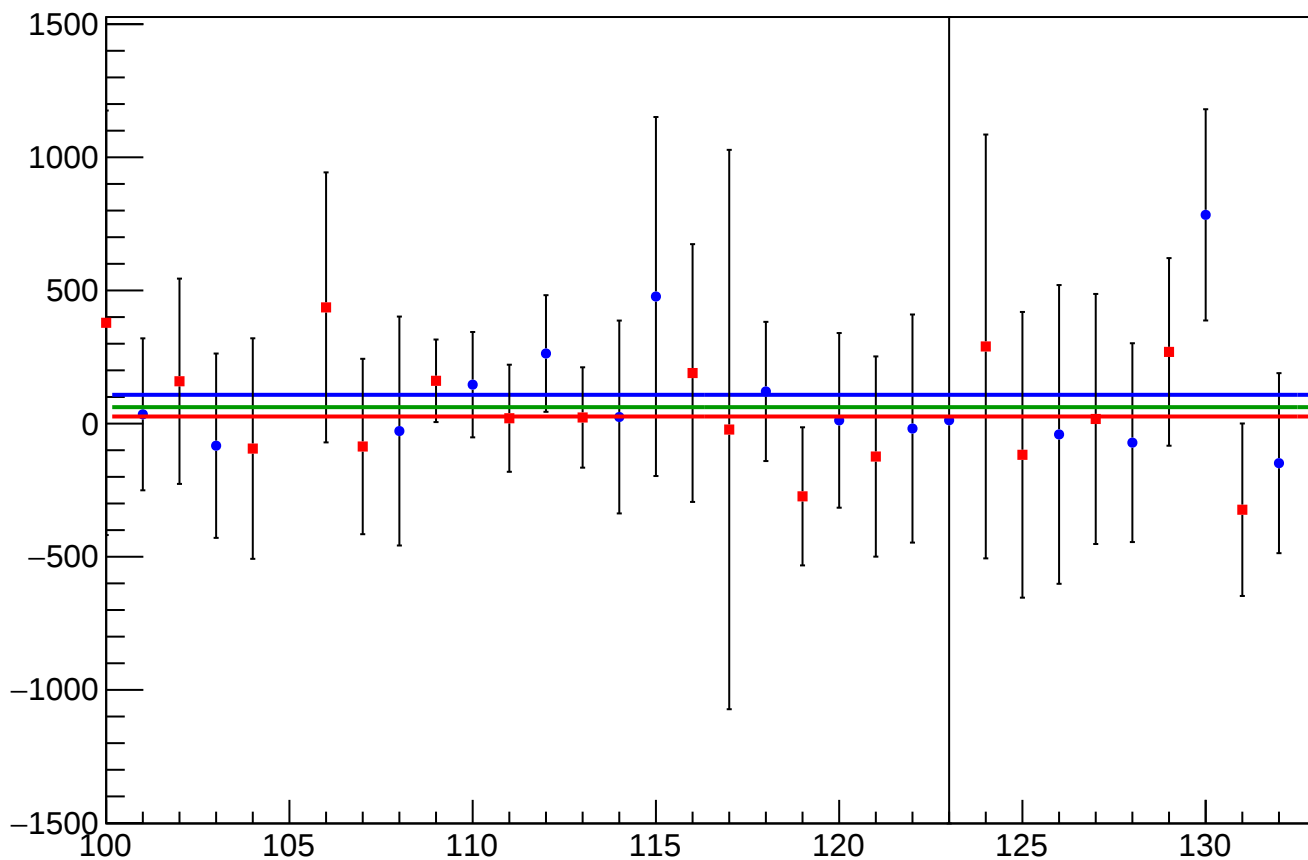
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2481.057+/-0.506 χ^2/NDF : 272248.3/32

2445.306+/-0.684 χ^2/NDF : 147561.6/17

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: 26.656 $\pm$ 74.248 χ^2 /NDF: 5.4/17

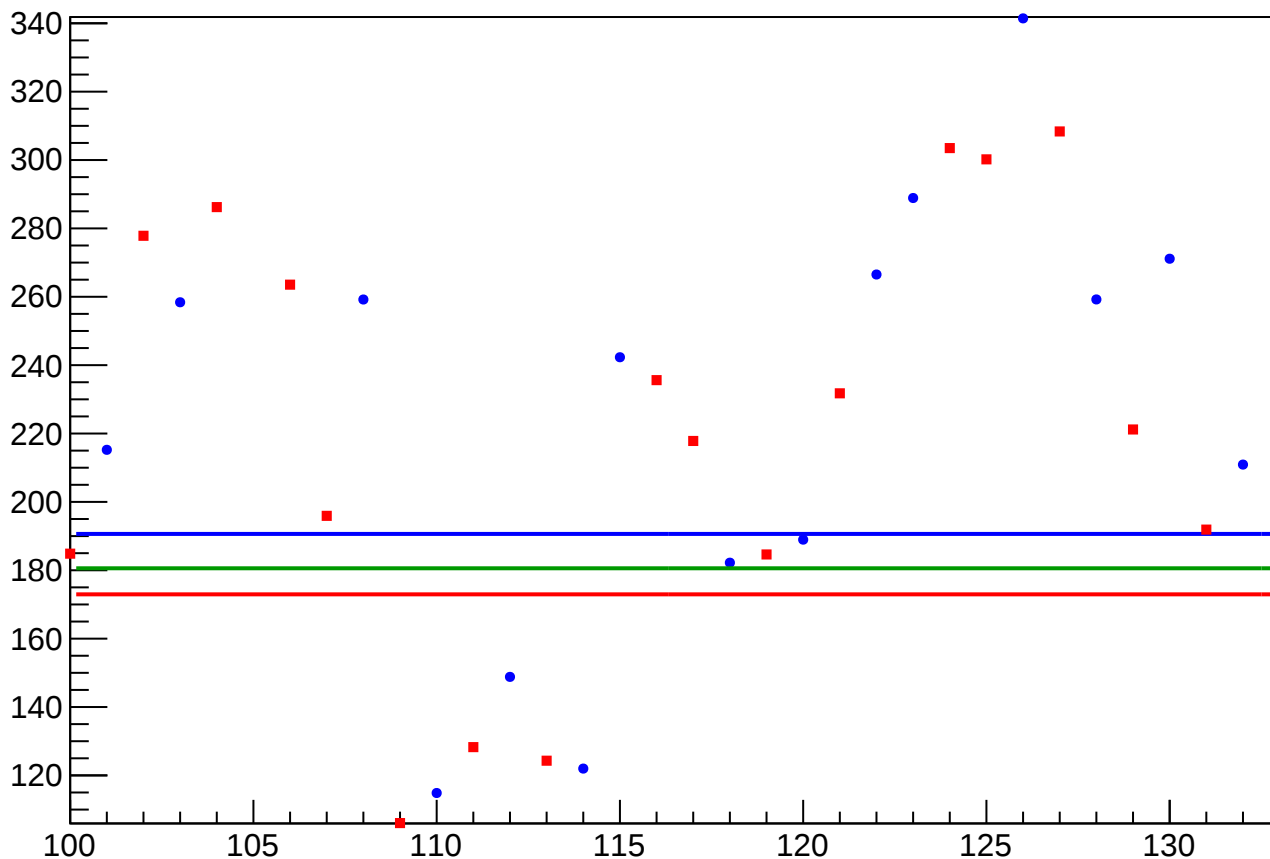
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

108.112 $\pm$ 85.266 χ^2 /NDF: 5.3/14

61.784 $\pm$ 55.994 χ^2 /NDF: 11.2/32

26.656 $\pm$ 74.248 χ^2 /NDF: 5.4/17

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: 172.959+/-0.053 χ^2/NDF : 1569679.2/17

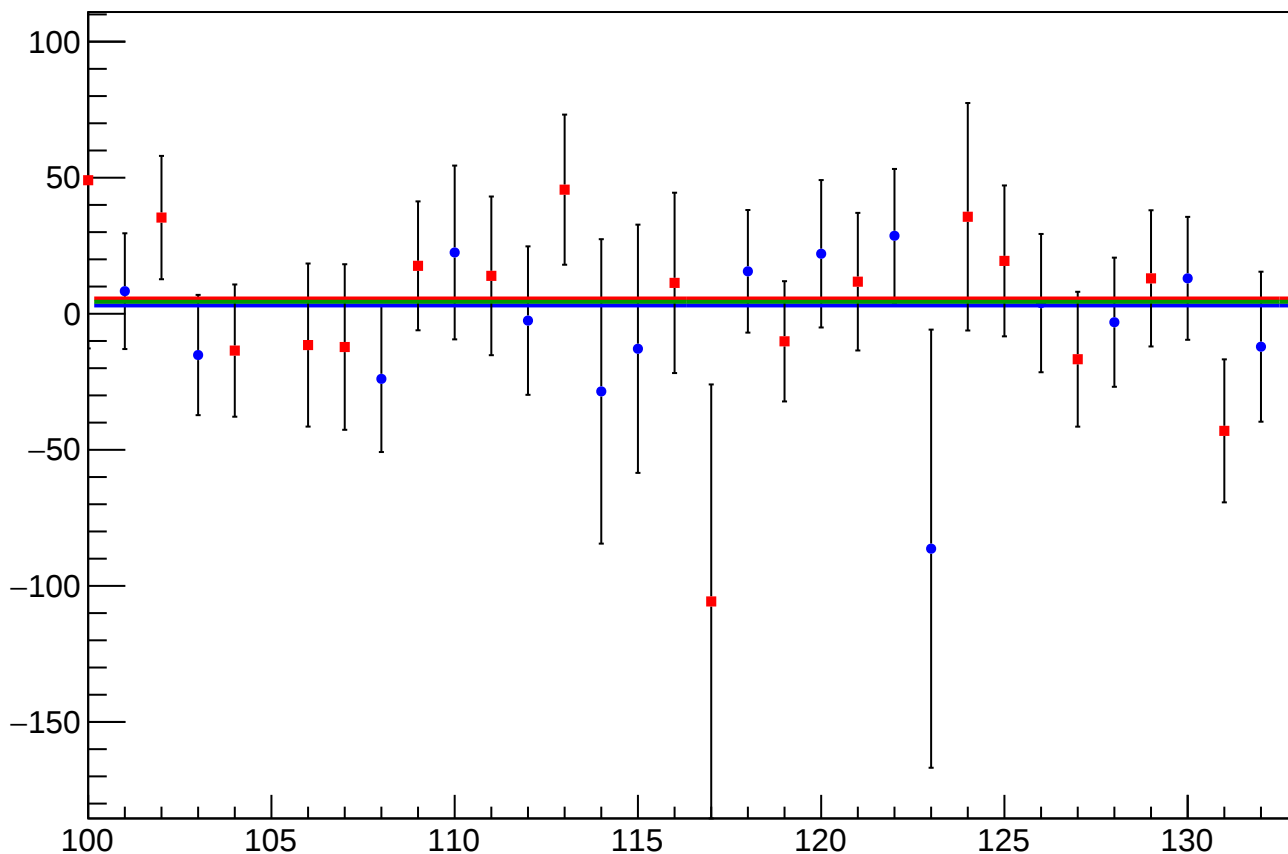
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.633+/-0.060 χ^2/NDF : 967300.4/14

180.581+/-0.040 χ^2/NDF : 2585851.0/32

172.959+/-0.053 χ^2/NDF : 1569679.2/17

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: 5.610+/-6.593 χ^2/NDF : 13.7/17

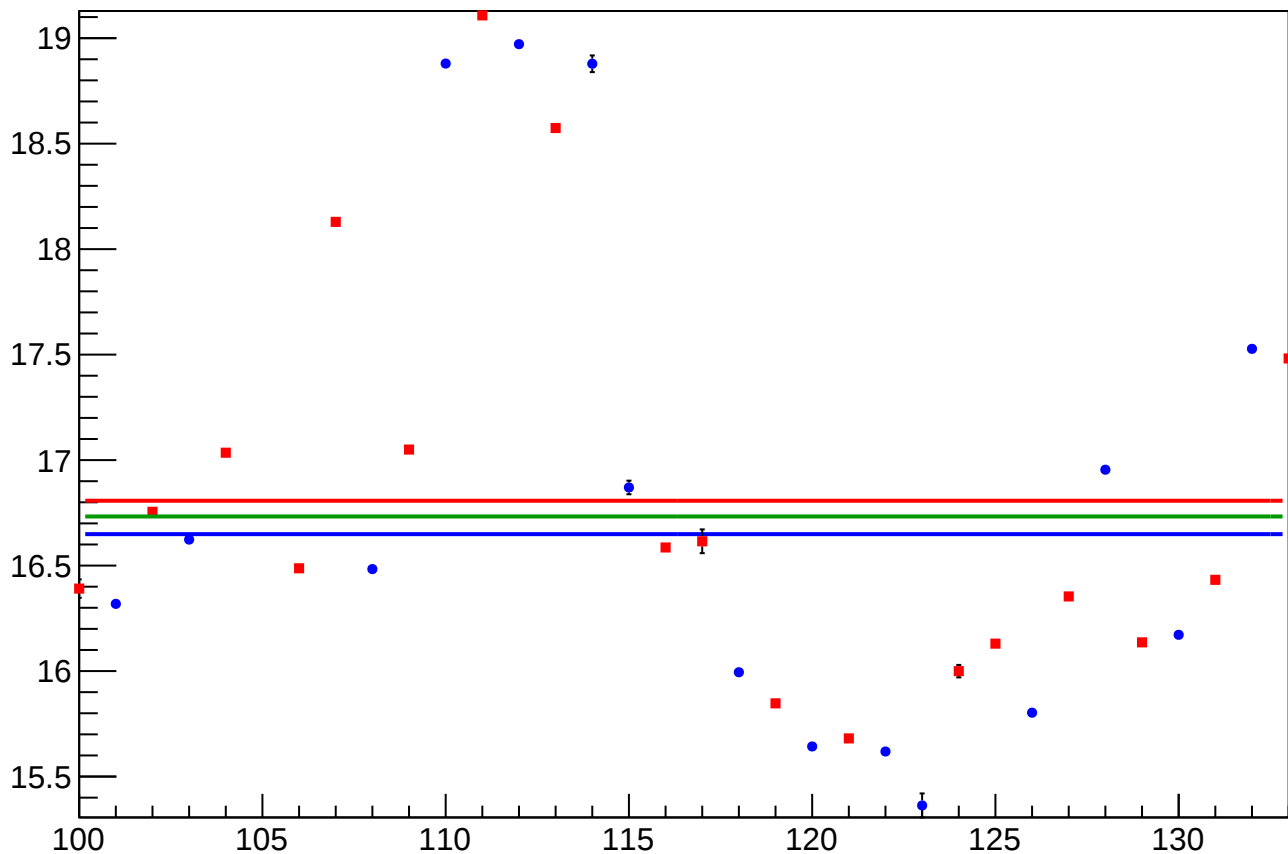
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.059+/-6.982 χ^2/NDF : 6.3/14

4.408+/-4.794 χ^2/NDF : 20.0/32

5.610+/-6.593 χ^2/NDF : 13.7/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.649 $\pm$ 0.005 χ^2 /NDF: 41994.4/14

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

Right Out: 16.807 $\pm$ 0.005 χ^2 /NDF: 38738.9/17

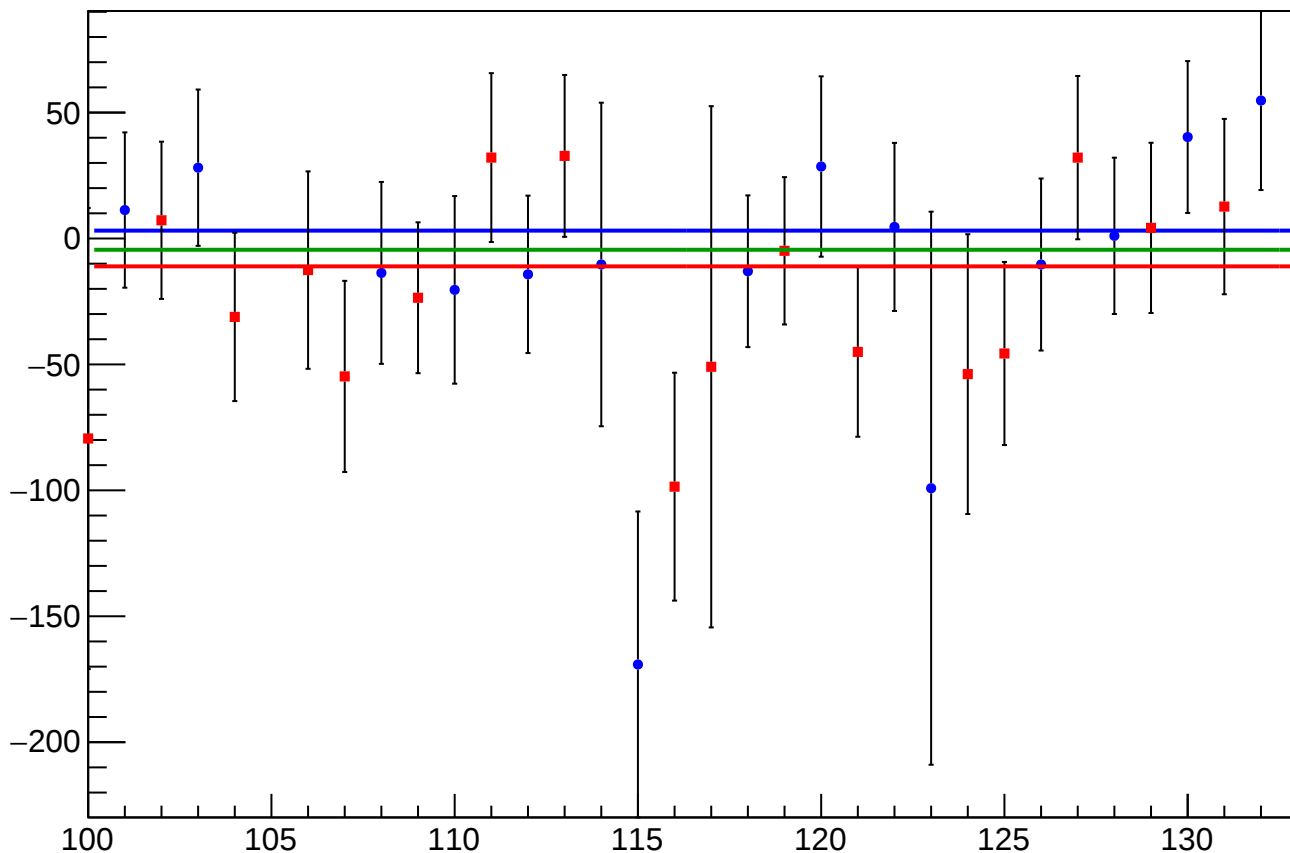
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.649 $\pm$ 0.005 χ^2 /NDF: 41994.4/14

16.733 $\pm$ 0.003 χ^2 /NDF: 81277.1/32

16.807 $\pm$ 0.005 χ^2 /NDF: 38738.9/17

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: -11.068+/-8.582 χ^2/NDF : 15.2/17

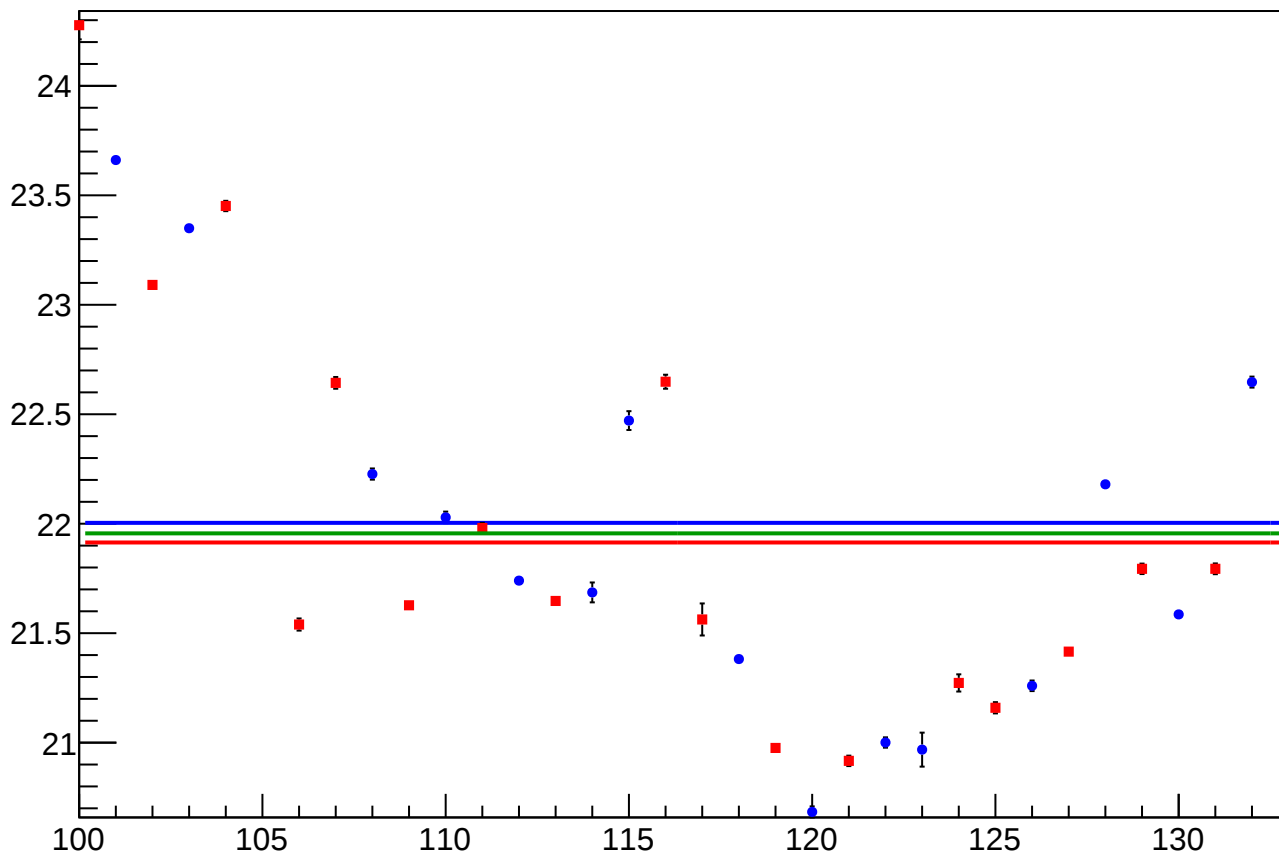
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.125+/-9.219 χ^2/NDF : 15.2/14

-4.479+/-6.282 χ^2/NDF : 31.7/32

-11.068+/-8.582 χ^2/NDF : 15.2/17

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.004 ± 0.007 $\chi^2/\text{NDF}: 17537.0/14$

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

Right Out: 21.914 ± 0.006 $\chi^2/\text{NDF}: 16254.1/17$

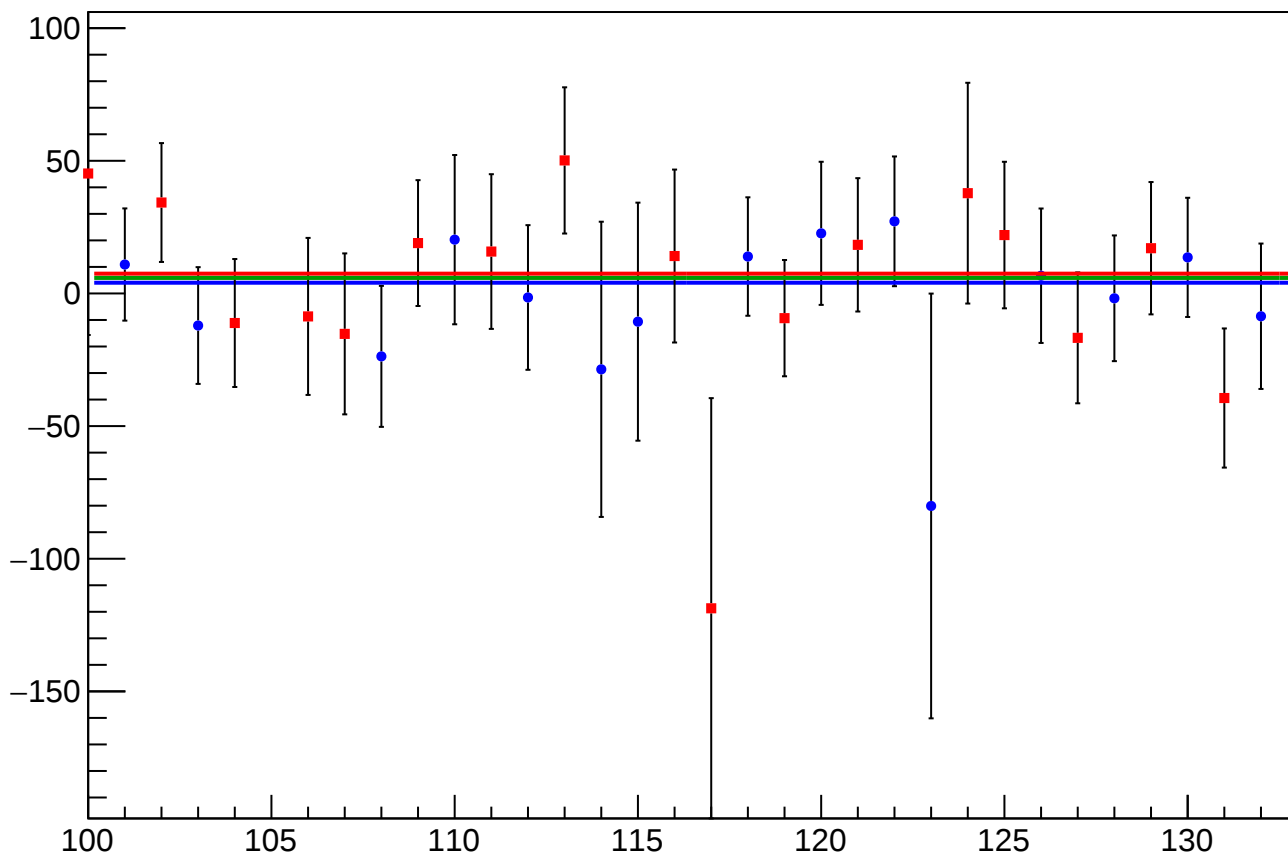
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

22.004 ± 0.007 $\chi^2/\text{NDF}: 17537.0/14$

21.956 ± 0.004 $\chi^2/\text{NDF}: 33892.5/32$

21.914 ± 0.006 $\chi^2/\text{NDF}: 16254.1/17$

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: 7.458 $\pm$ 6.557 χ^2 /NDF: 14.6/17

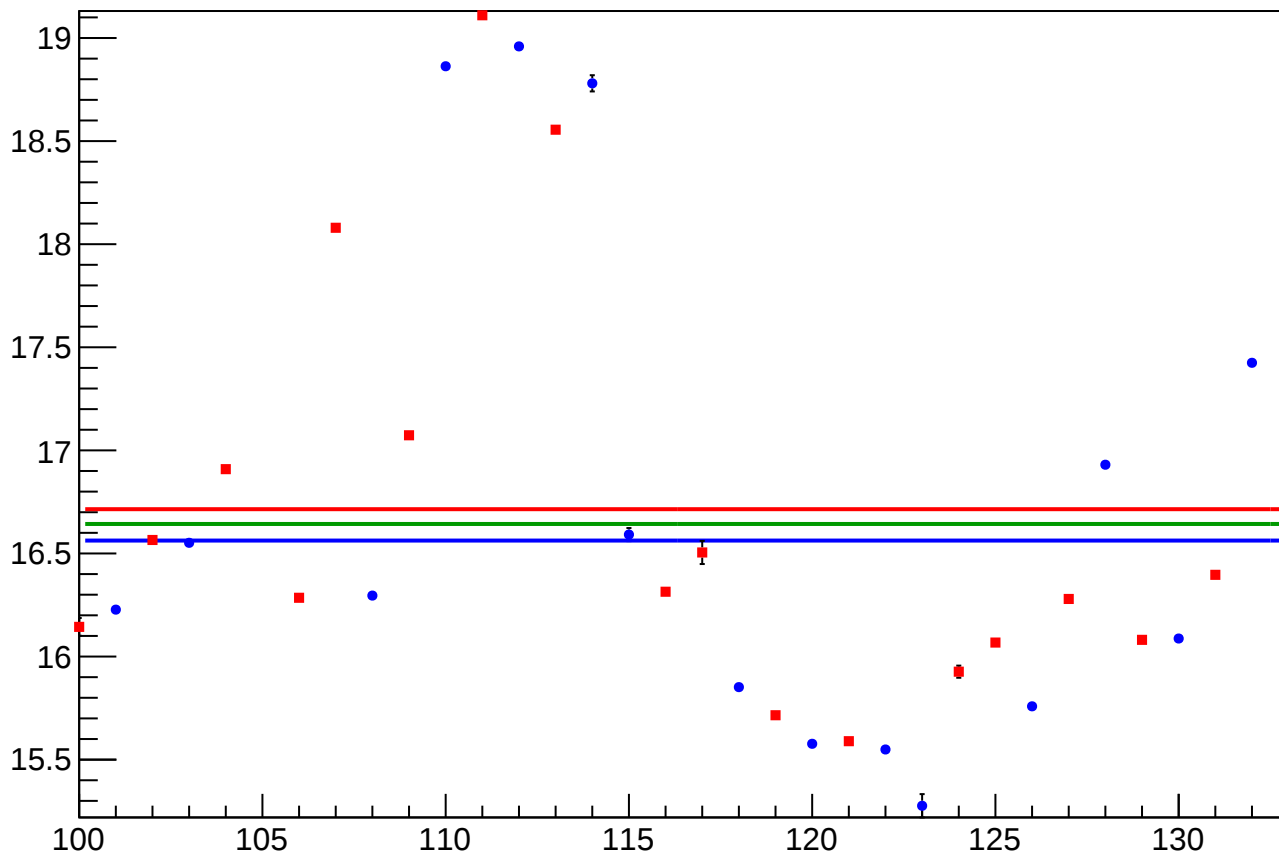
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

4.045 $\pm$ 6.946 χ^2 /NDF: 5.6/14

5.850 $\pm$ 4.768 χ^2 /NDF: 20.3/32

7.458 $\pm$ 6.557 χ^2 /NDF: 14.6/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.563+/-0.005 χ^2/NDF : 43755.7/14

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

Right Out: 16.715+/-0.005 χ^2/NDF : 41716.6/17

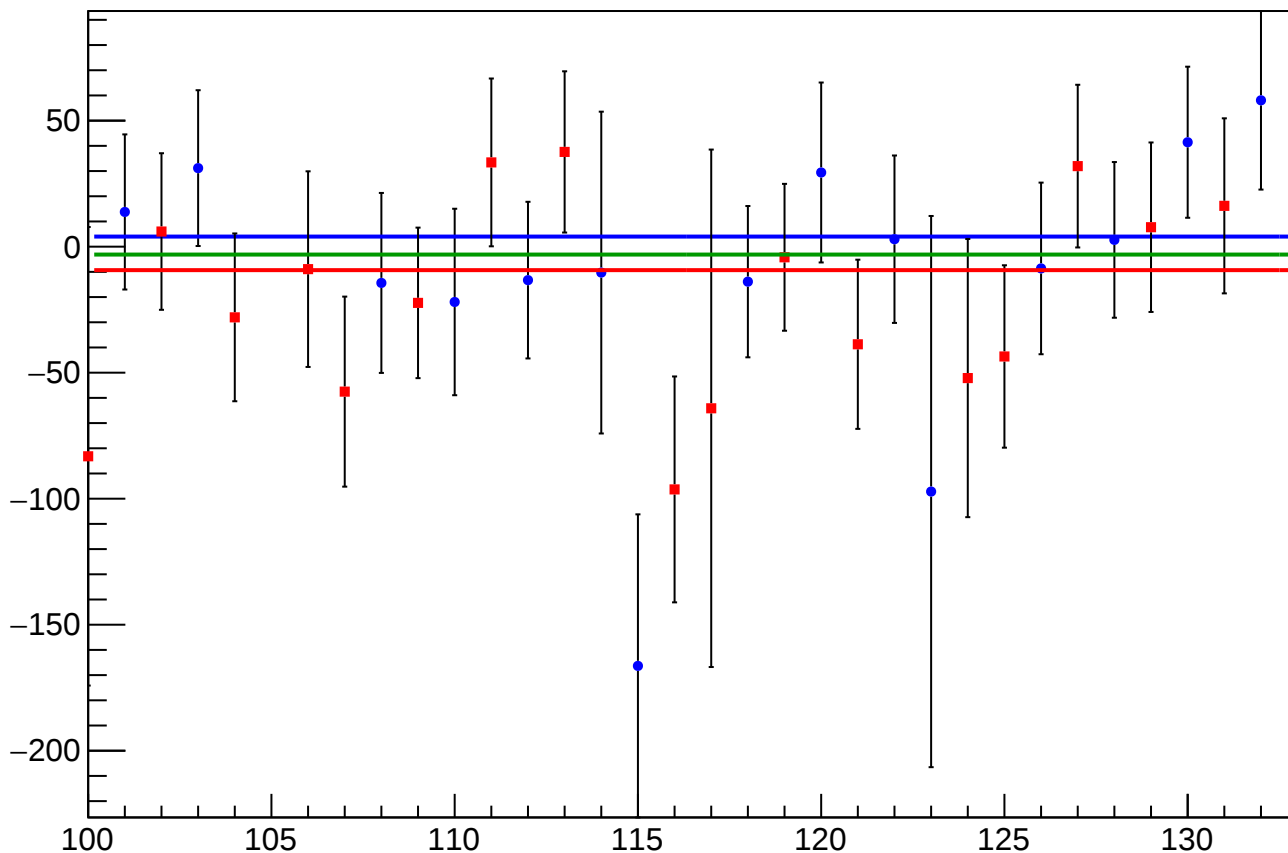
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.563+/-0.005 χ^2/NDF : 43755.7/14

16.643+/-0.003 χ^2/NDF : 85979.7/32

16.715+/-0.005 χ^2/NDF : 41716.6/17

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: -9.316+/-8.537 χ^2/NDF : 15.7/17

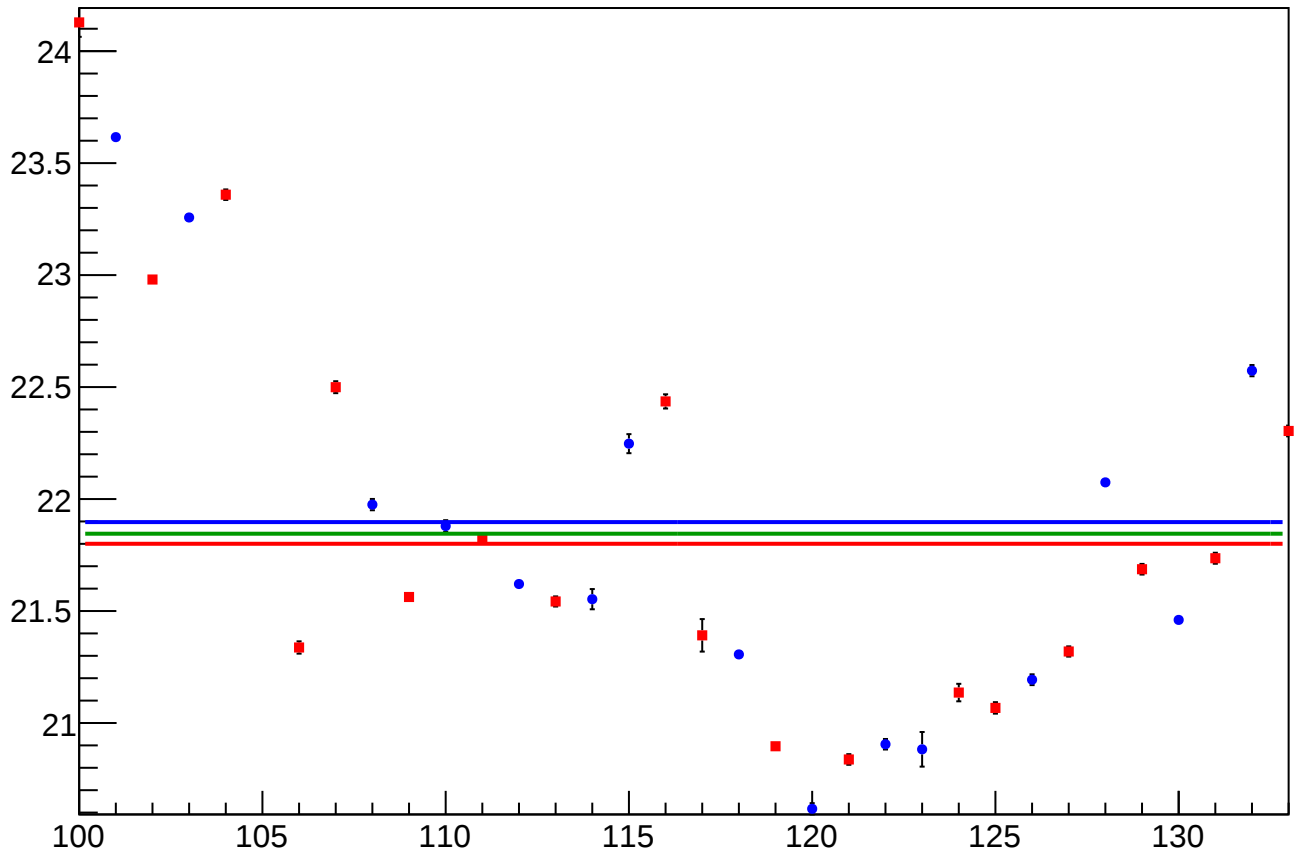
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.005+/-9.175 χ^2/NDF : 15.8/14

-3.134+/-6.250 χ^2/NDF : 32.6/32

-9.316+/-8.537 χ^2/NDF : 15.7/17

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.897 ± 0.006 χ^2/NDF : 17783.8/14

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

Right Out: 21.800 ± 0.006 χ^2/NDF : 15841.9/17

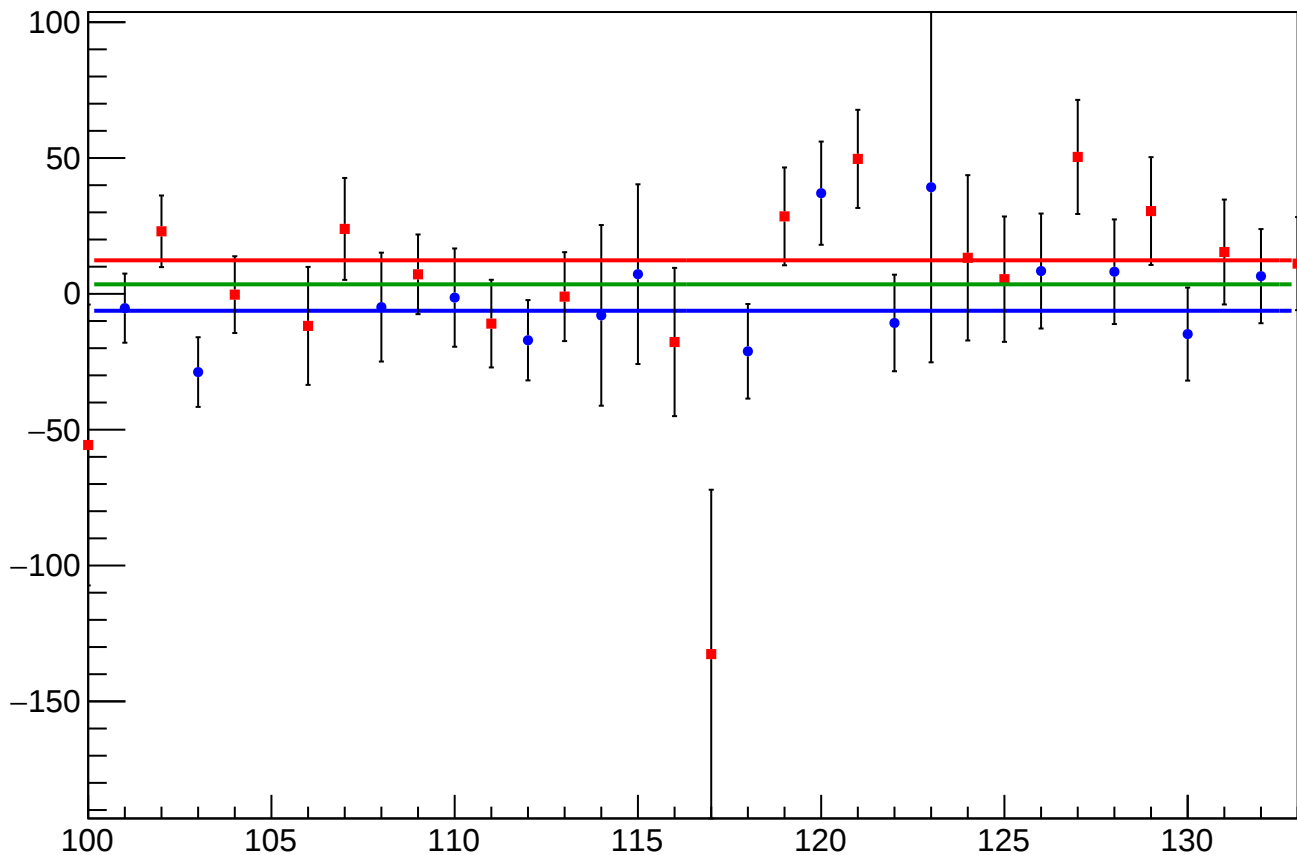
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

21.897 ± 0.006 χ^2/NDF : 17783.8/14

21.845 ± 0.004 χ^2/NDF : 33745.0/32

21.800 ± 0.006 χ^2/NDF : 15841.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.222 $\pm$ 4.696 χ^2 /NDF: 12.2/14

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

Right Out: 12.341 $\pm$ 4.474 χ^2 /NDF: 23.9/17

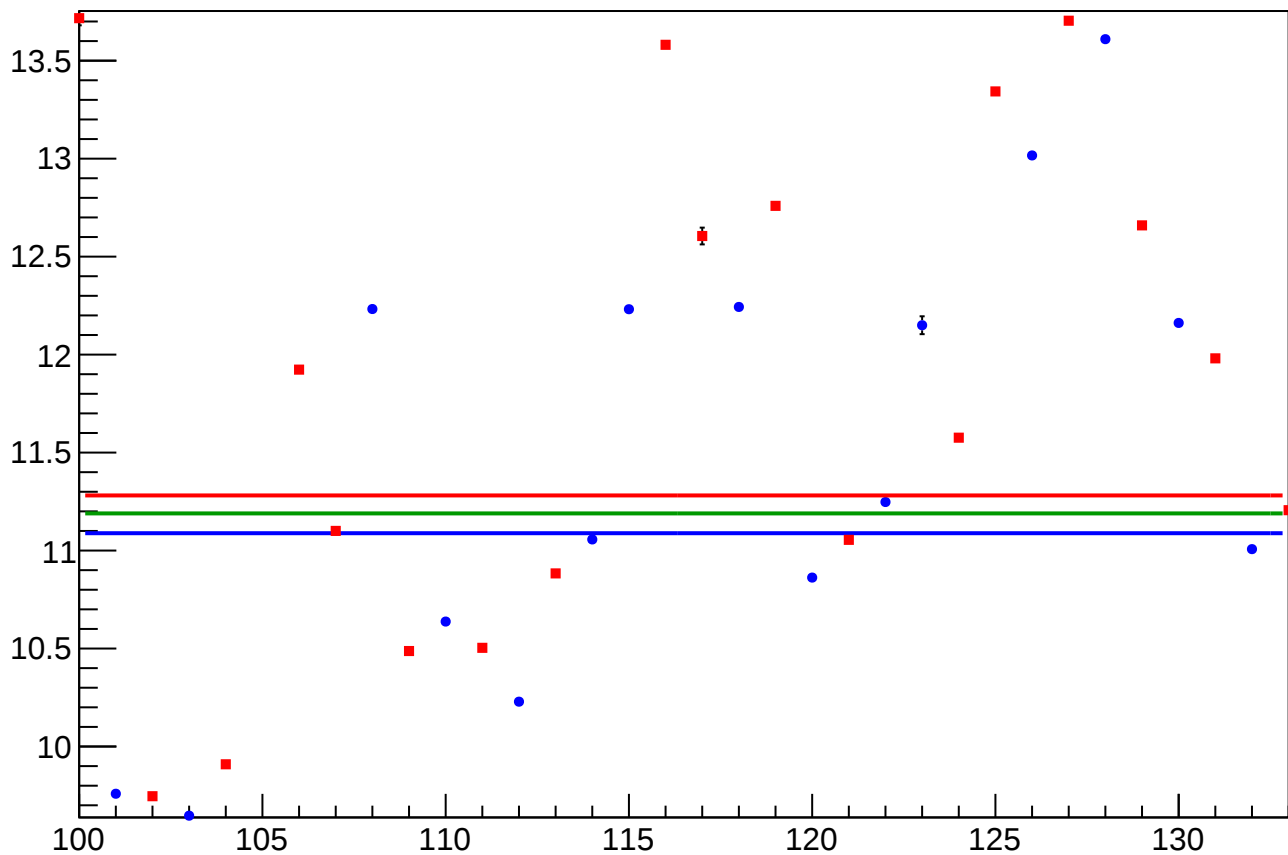
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.222 $\pm$ 4.696 χ^2 /NDF: 12.2/14

3.508 $\pm$ 3.239 χ^2 /NDF: 44.3/32

12.341 $\pm$ 4.474 χ^2 /NDF: 23.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.089 $\pm$ 0.003 χ^2 /NDF: 132586.2/14

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

Right Out: 11.281 $\pm$ 0.003 χ^2 /NDF: 148106.4/17

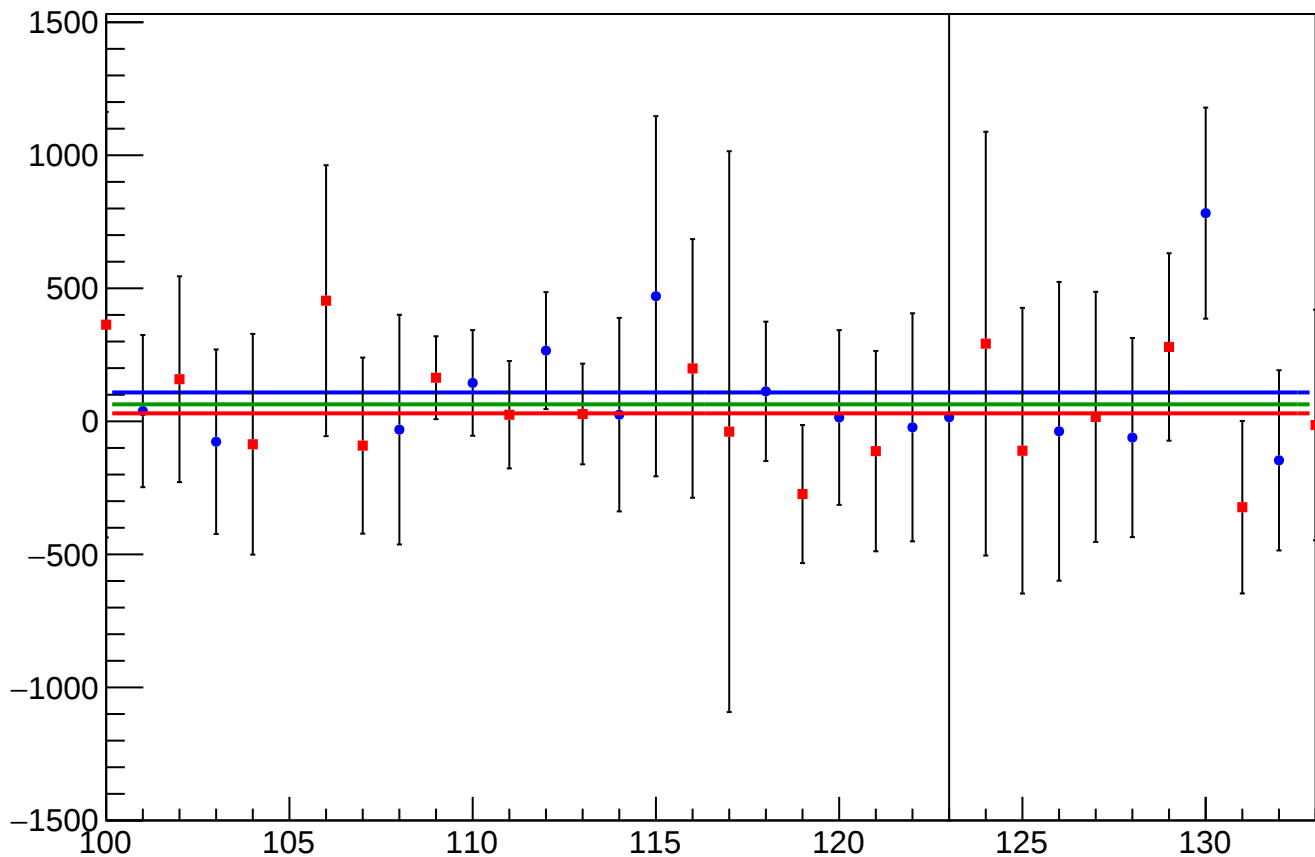
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.089 $\pm$ 0.003 χ^2 /NDF: 132586.2/14

11.190 $\pm$ 0.002 χ^2 /NDF: 282459.0/32

11.281 $\pm$ 0.003 χ^2 /NDF: 148106.4/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 108.583 $\pm$ 85.495 χ^2 /NDF: 5.2/14

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

Right Out: 30.052 $\pm$ 74.479 χ^2 /NDF: 5.4/17

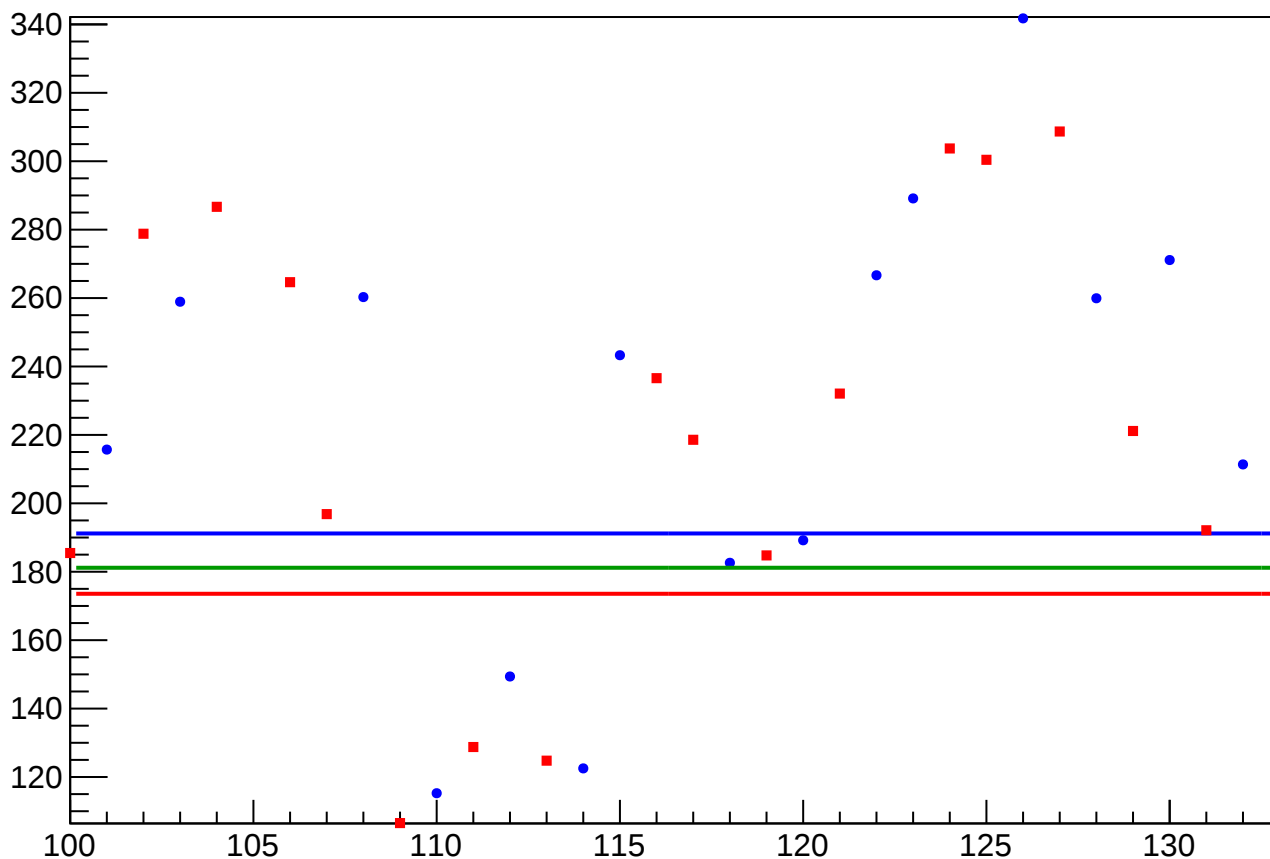
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.583 $\pm$ 85.495 χ^2 /NDF: 5.2/14

63.935 $\pm$ 56.158 χ^2 /NDF: 11.2/32

30.052 $\pm$ 74.479 χ^2 /NDF: 5.4/17

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: 173.560+/-0.053 χ^2/NDF : 1561895.7/17

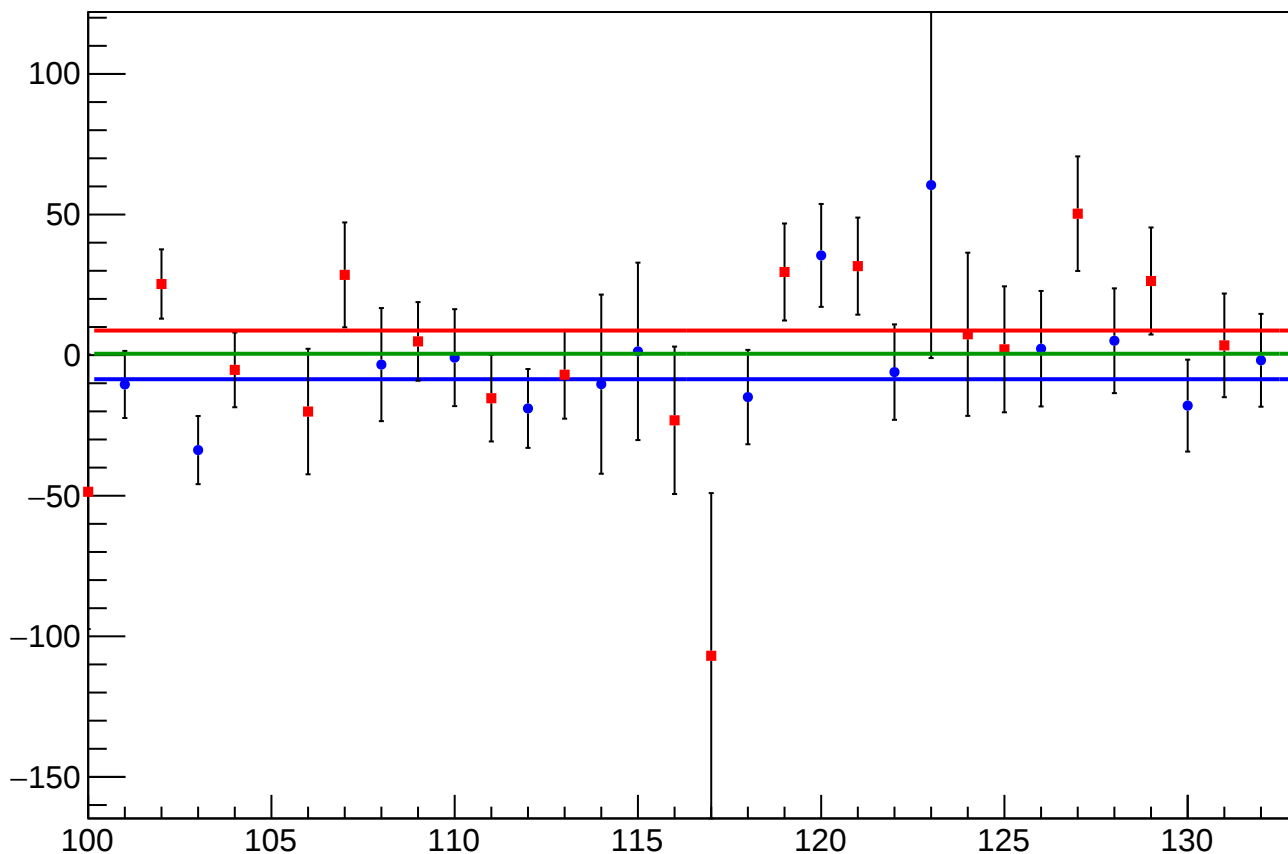
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.190+/-0.060 χ^2/NDF : 962413.3/14

181.167+/-0.040 χ^2/NDF : 2572663.0/32

173.560+/-0.053 χ^2/NDF : 1561895.7/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.564 $\pm$ 4.486 χ^2/NDF : 13.8/14

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

Right Out: 8.748 $\pm$ 4.283 χ^2/NDF : 24.5/17

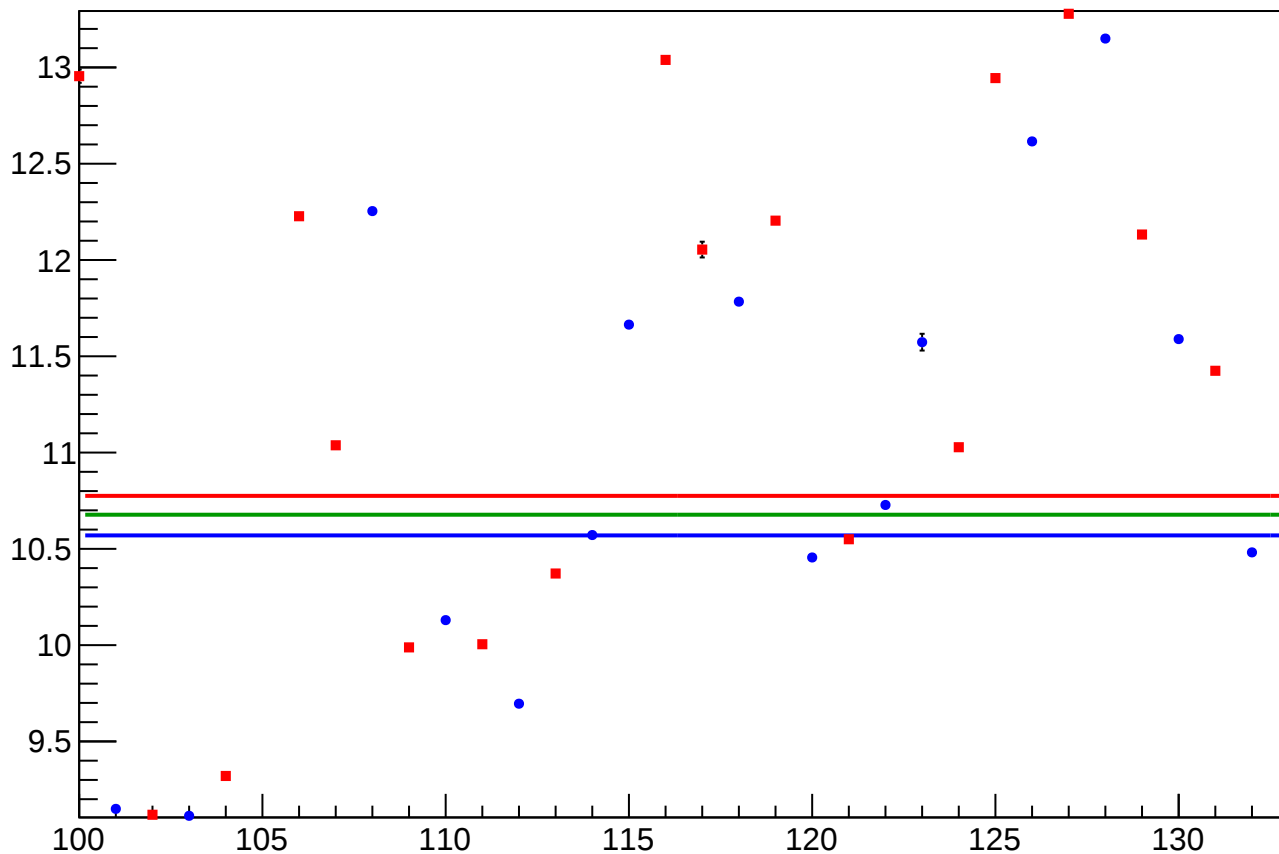
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-8.564 $\pm$ 4.486 χ^2/NDF : 13.8/14

0.493 $\pm$ 3.098 χ^2/NDF : 46.1/32

8.748 $\pm$ 4.283 χ^2/NDF : 24.5/17

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: 10.775+/-0.003 χ^2/NDF : 177422.5/17

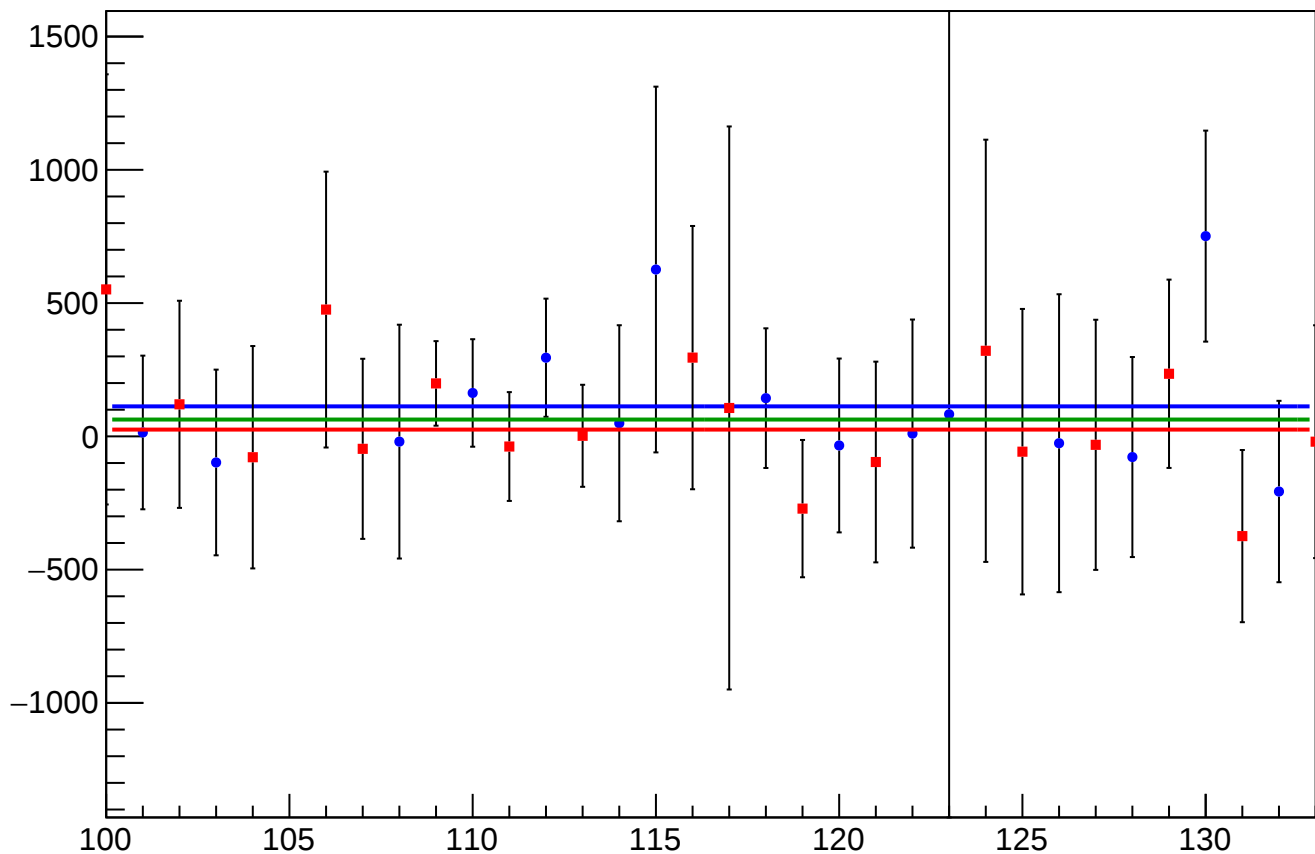
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.570+/-0.003 χ^2/NDF : 160017.4/14

10.677+/-0.002 χ^2/NDF : 339632.8/32

10.775+/-0.003 χ^2/NDF : 177422.5/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 112.539 $\pm$ 86.023 χ^2 /NDF: 6.0/14

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

Right Out: 25.435 $\pm$ 75.159 χ^2 /NDF: 6.5/17

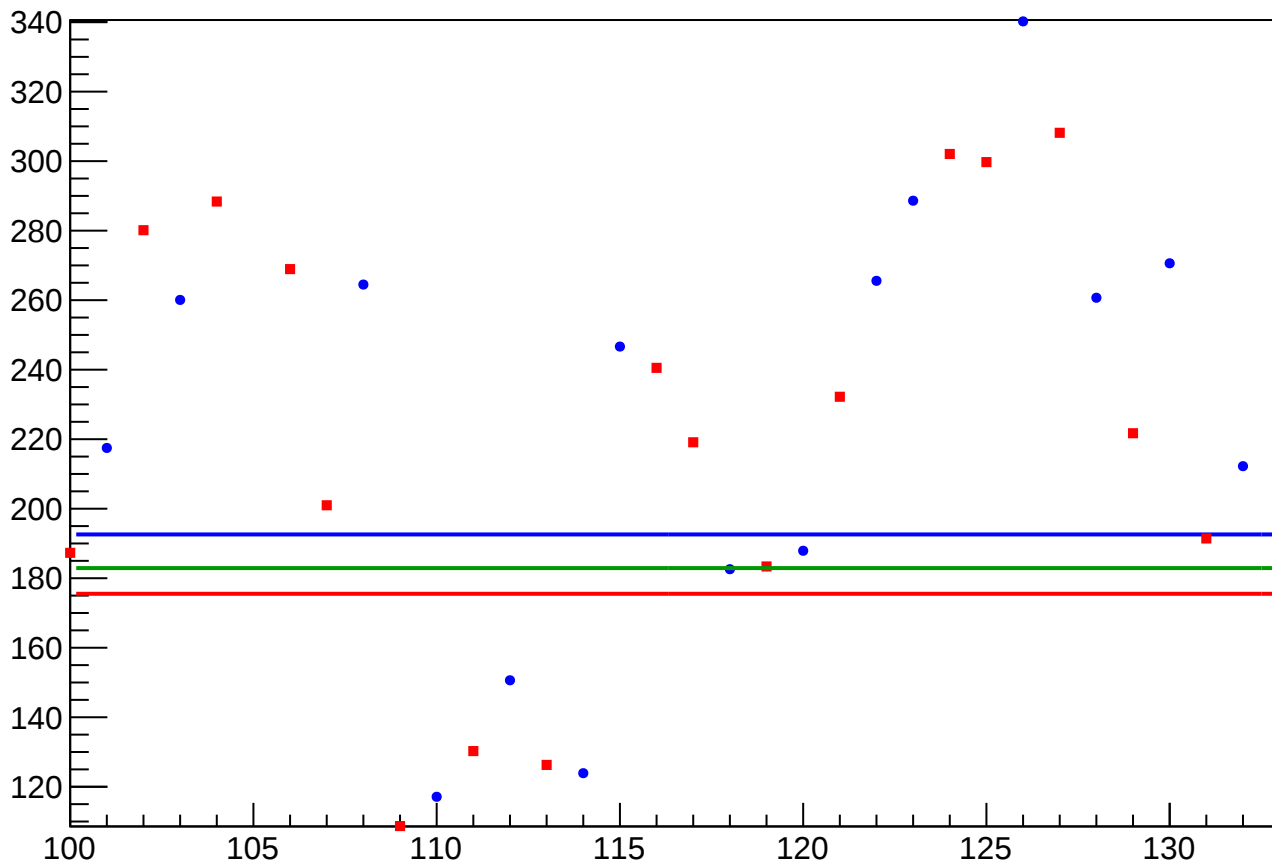
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

112.539 $\pm$ 86.023 χ^2 /NDF: 6.0/14

63.142 $\pm$ 56.599 χ^2 /NDF: 13.0/32

25.435 $\pm$ 75.159 χ^2 /NDF: 6.5/17

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: 175.525 $\pm$ 0.053 χ^2 /NDF: 1521283.1/17

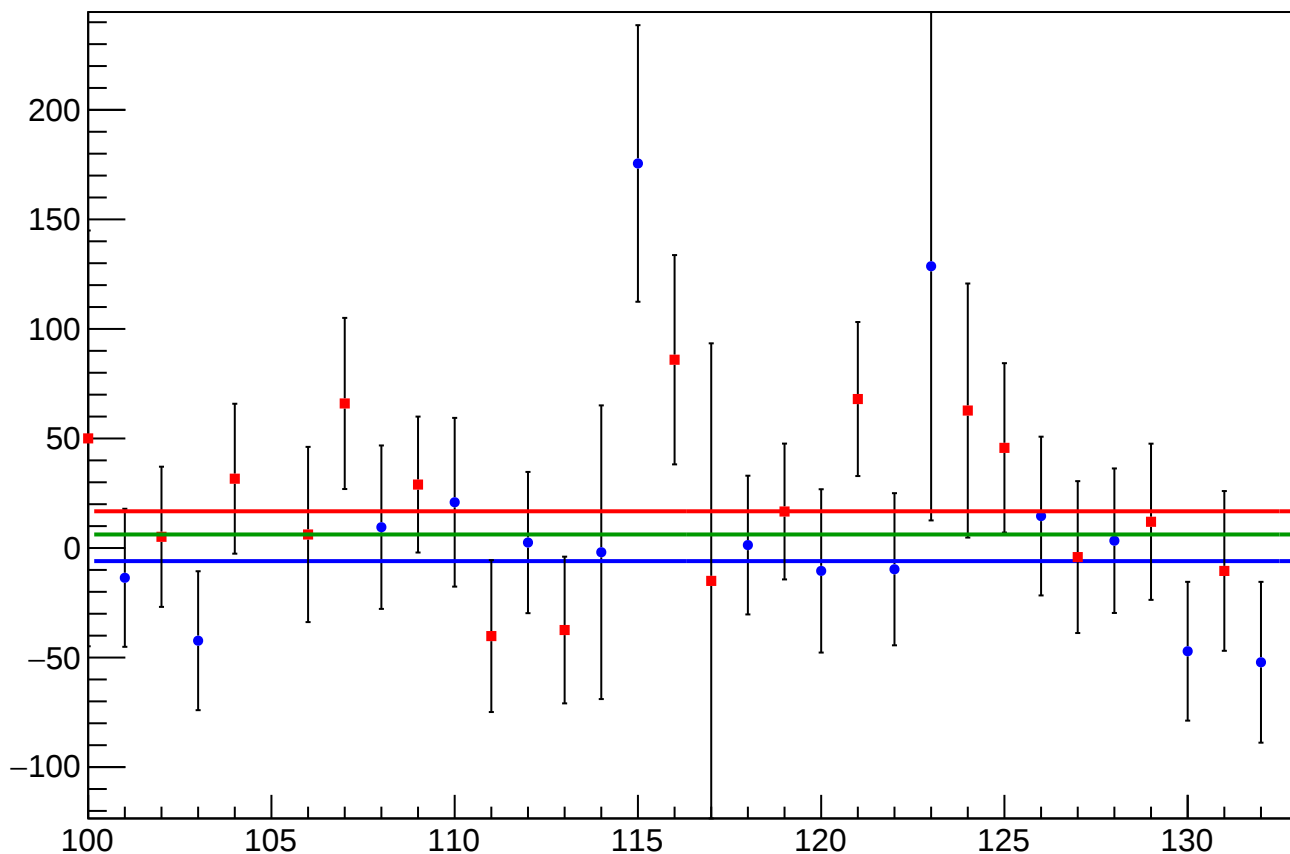
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

192.598 $\pm$ 0.061 χ^2 /NDF: 936994.7/14

182.916 $\pm$ 0.040 χ^2 /NDF: 2502954.6/32

175.525 $\pm$ 0.053 χ^2 /NDF: 1521283.1/17

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: 16.767+/-8.948 χ^2/NDF : 14.1/17

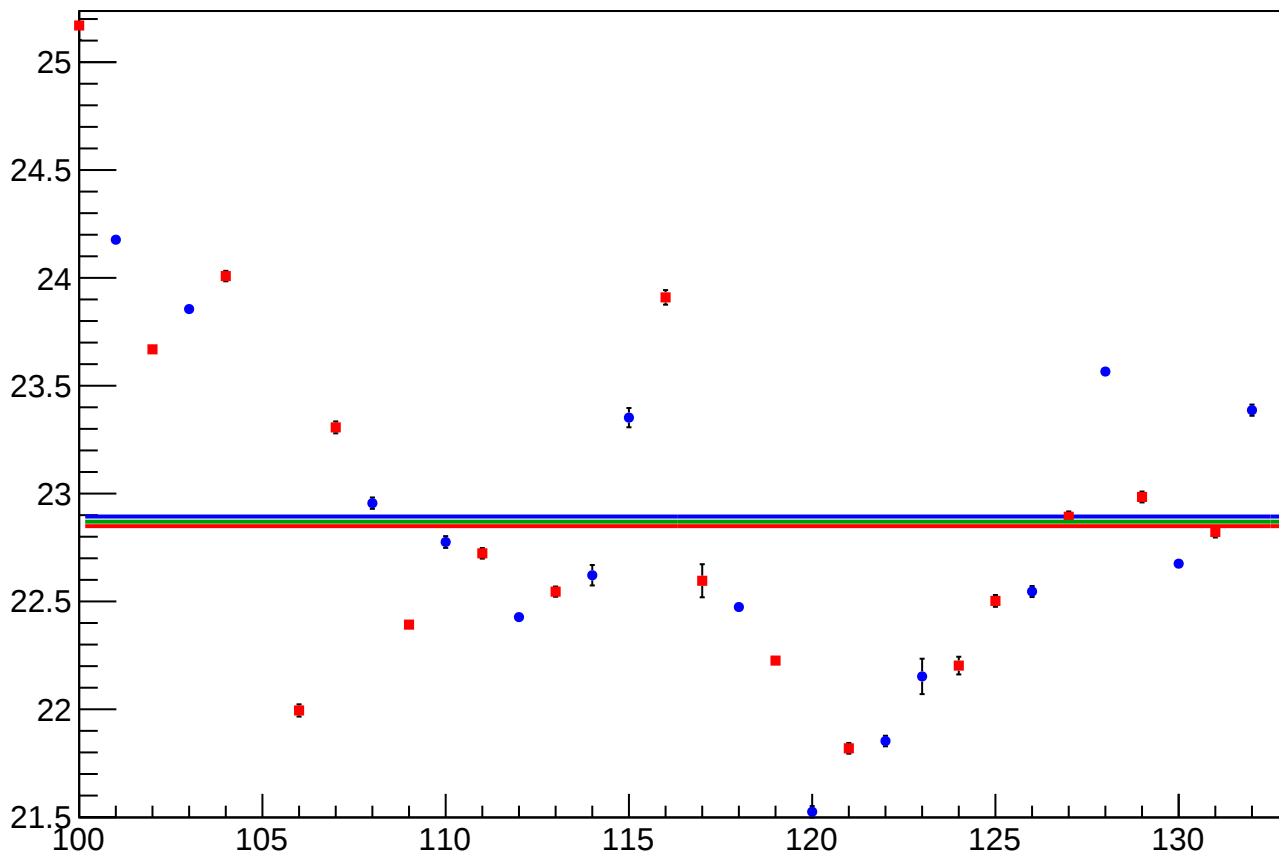
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.977+/-9.591 χ^2/NDF : 15.5/14

6.183+/-6.542 χ^2/NDF : 32.6/32

16.767+/-8.948 χ^2/NDF : 14.1/17

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: 22.849+/-0.006 χ^2/NDF : 10936.6/17

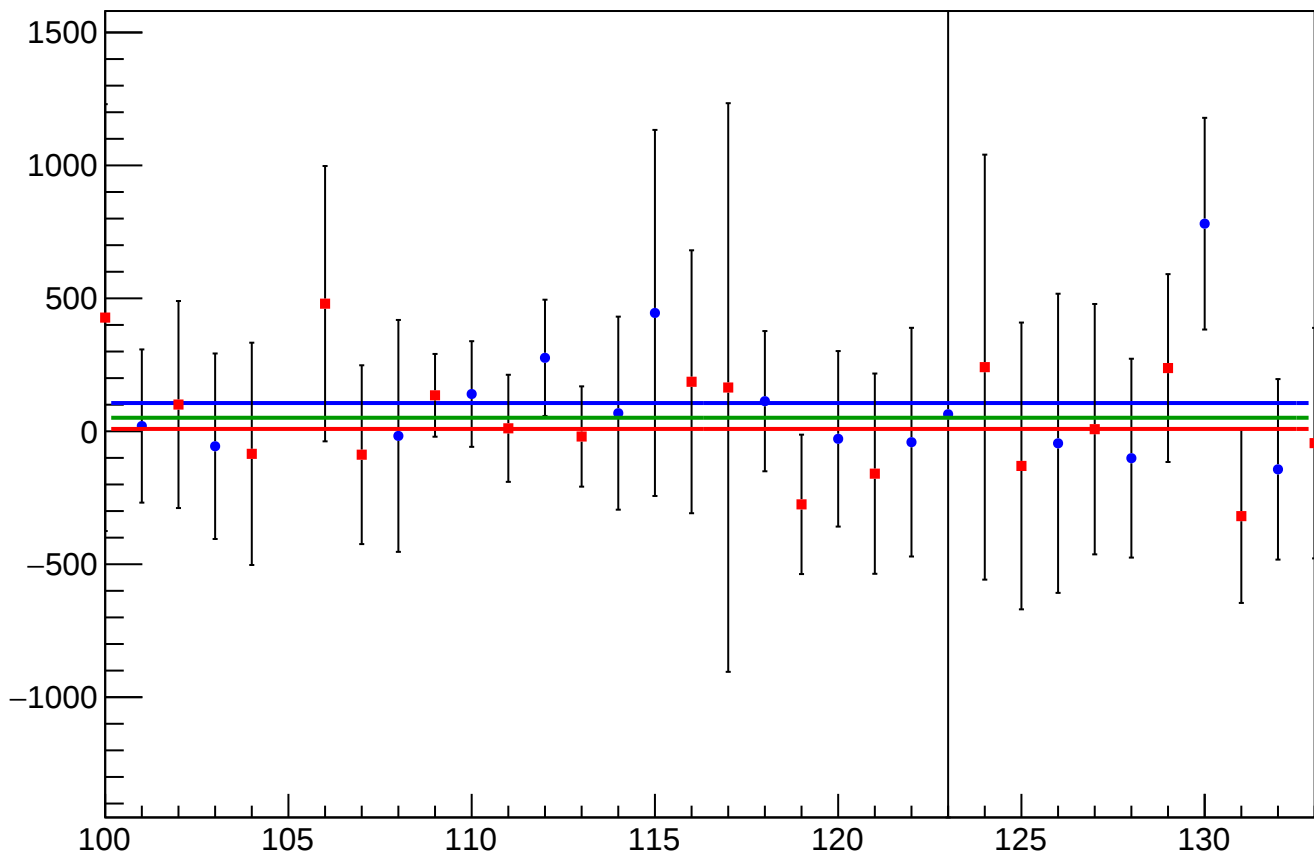
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.894+/-0.007 χ^2/NDF : 12136.4/14

22.870+/-0.005 χ^2/NDF : 23096.2/32

22.849+/-0.006 χ^2/NDF : 10936.6/17

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: 8.864 $\pm$ 74.684 χ^2 /NDF: 5.1/17

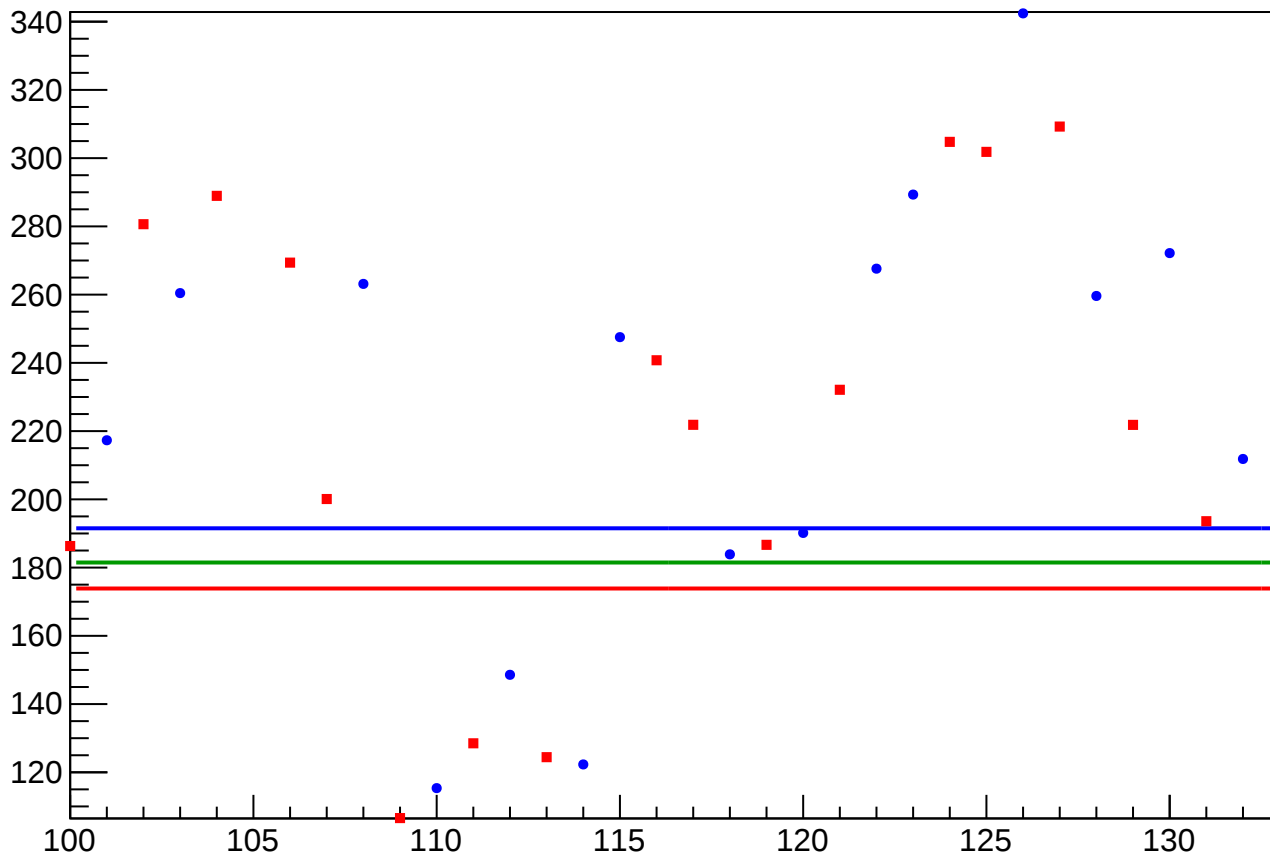
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

106.279 $\pm$ 85.693 χ^2 /NDF: 5.3/14

50.916 $\pm$ 56.302 χ^2 /NDF: 11.2/32

8.864 $\pm$ 74.684 χ^2 /NDF: 5.1/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.516+/-0.061 χ^2/NDF : 977188.6/14

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

Right Out: 173.869+/-0.053 χ^2/NDF : 1589482.1/17

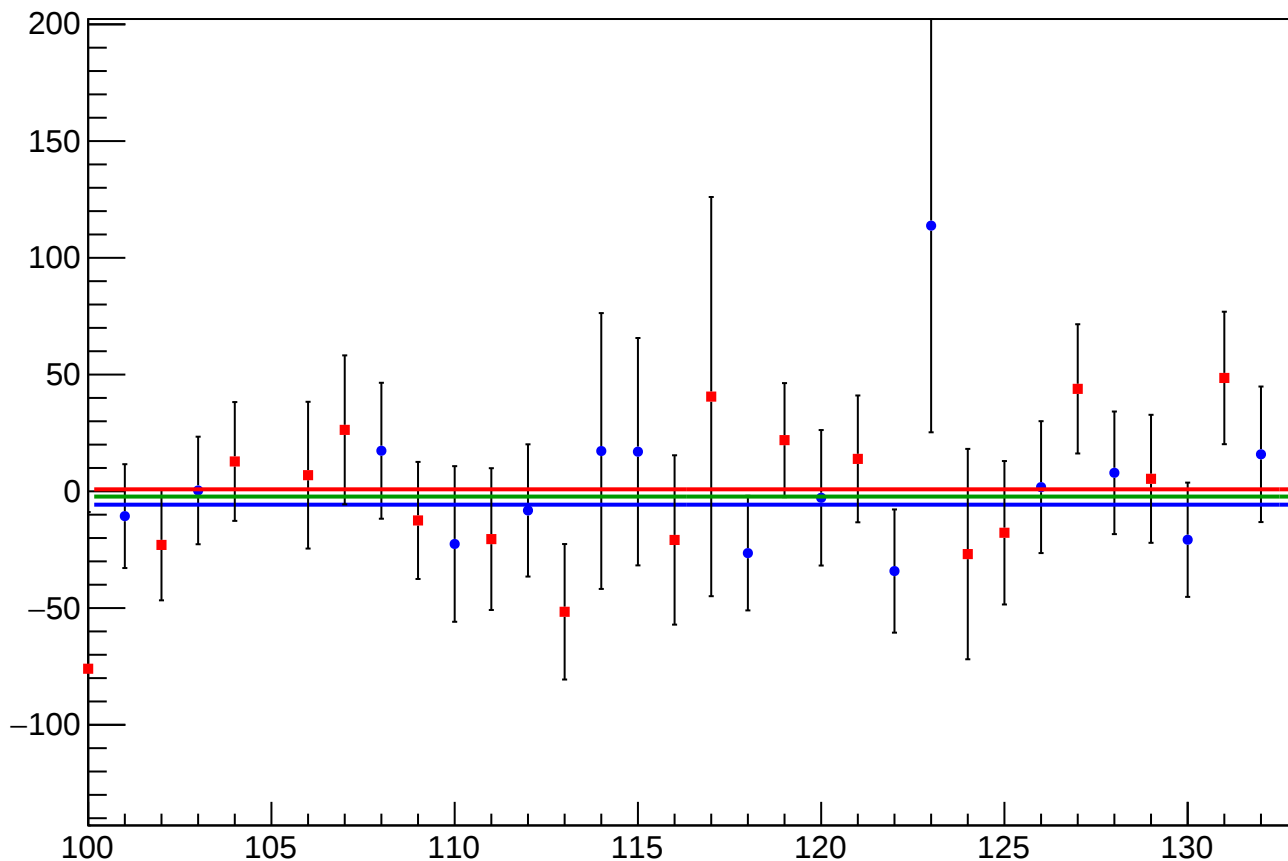
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.516+/-0.061 χ^2/NDF : 977188.6/14

181.487+/-0.040 χ^2/NDF : 2614873.7/32

173.869+/-0.053 χ^2/NDF : 1589482.1/17

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: 0.858+/-7.066 χ^2/NDF : 15.0/17

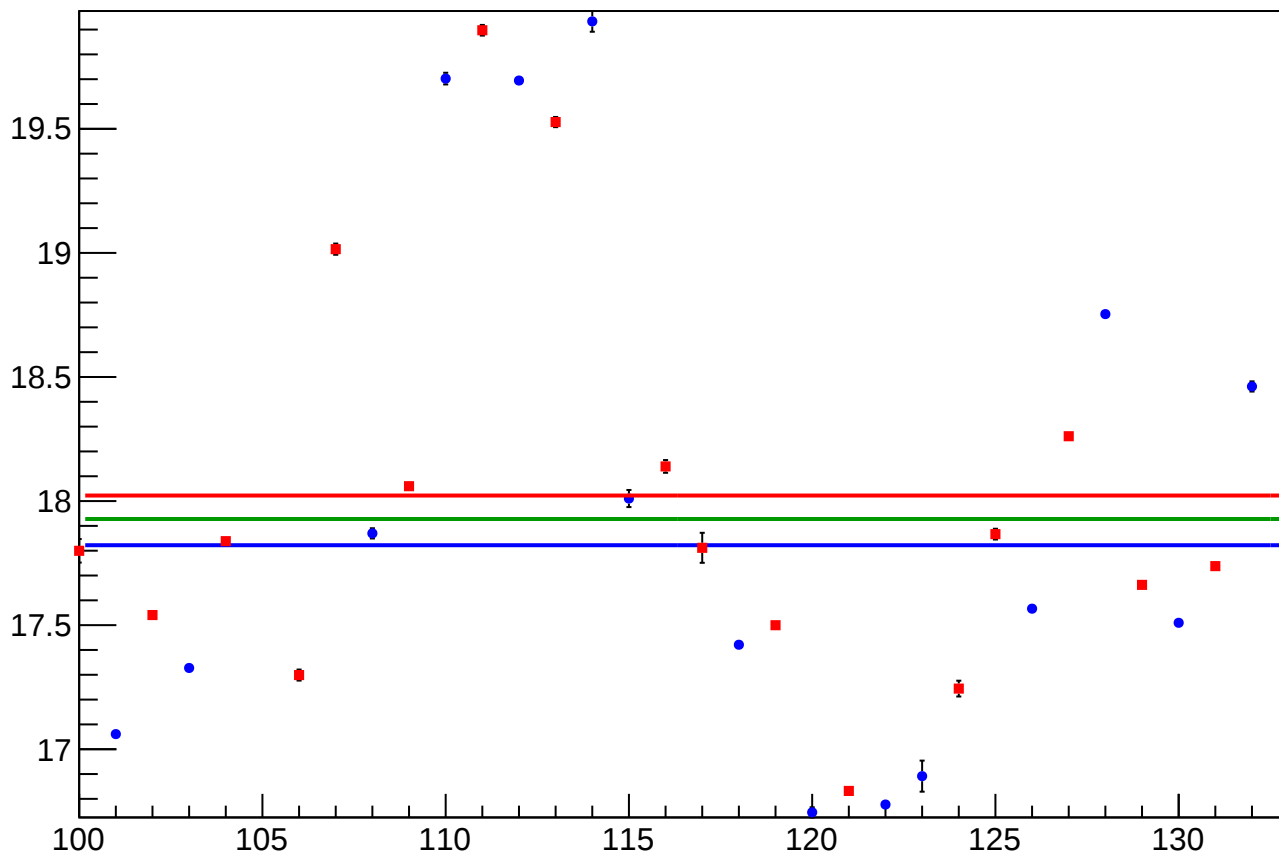
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.720+/-7.471 χ^2/NDF : 6.4/14

-2.248+/-5.134 χ^2/NDF : 21.7/32

0.858+/-7.066 χ^2/NDF : 15.0/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.822 ± 0.005 $\chi^2/\text{NDF}: 31588.5/14$

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

Right Out: 18.022 ± 0.005 $\chi^2/\text{NDF}: 23595.7/17$

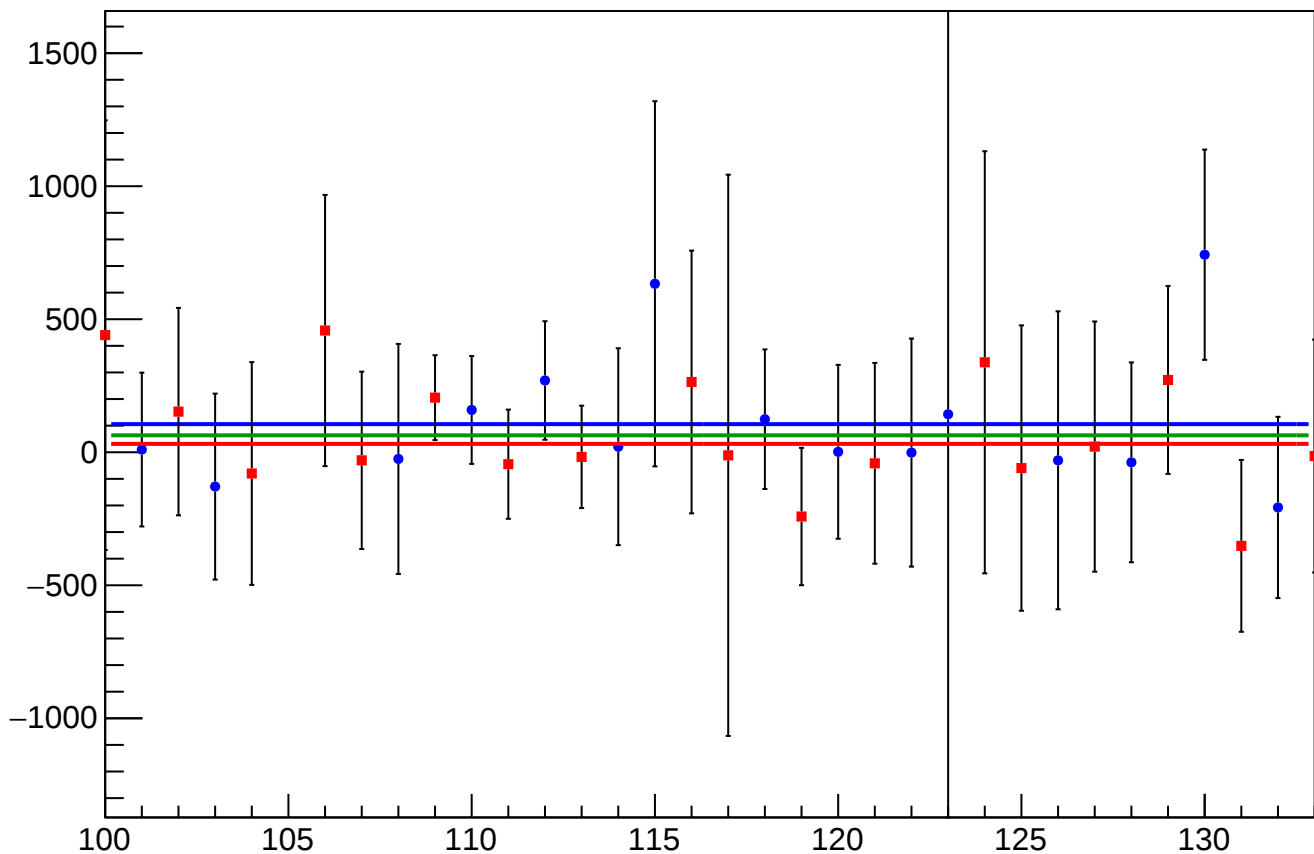
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.822 ± 0.005 $\chi^2/\text{NDF}: 31588.5/14$

17.928 ± 0.004 $\chi^2/\text{NDF}: 55942.4/32$

18.022 ± 0.005 $\chi^2/\text{NDF}: 23595.7/17$

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: 31.584 $\pm$ 75.336 χ^2 /NDF: 6.0/17

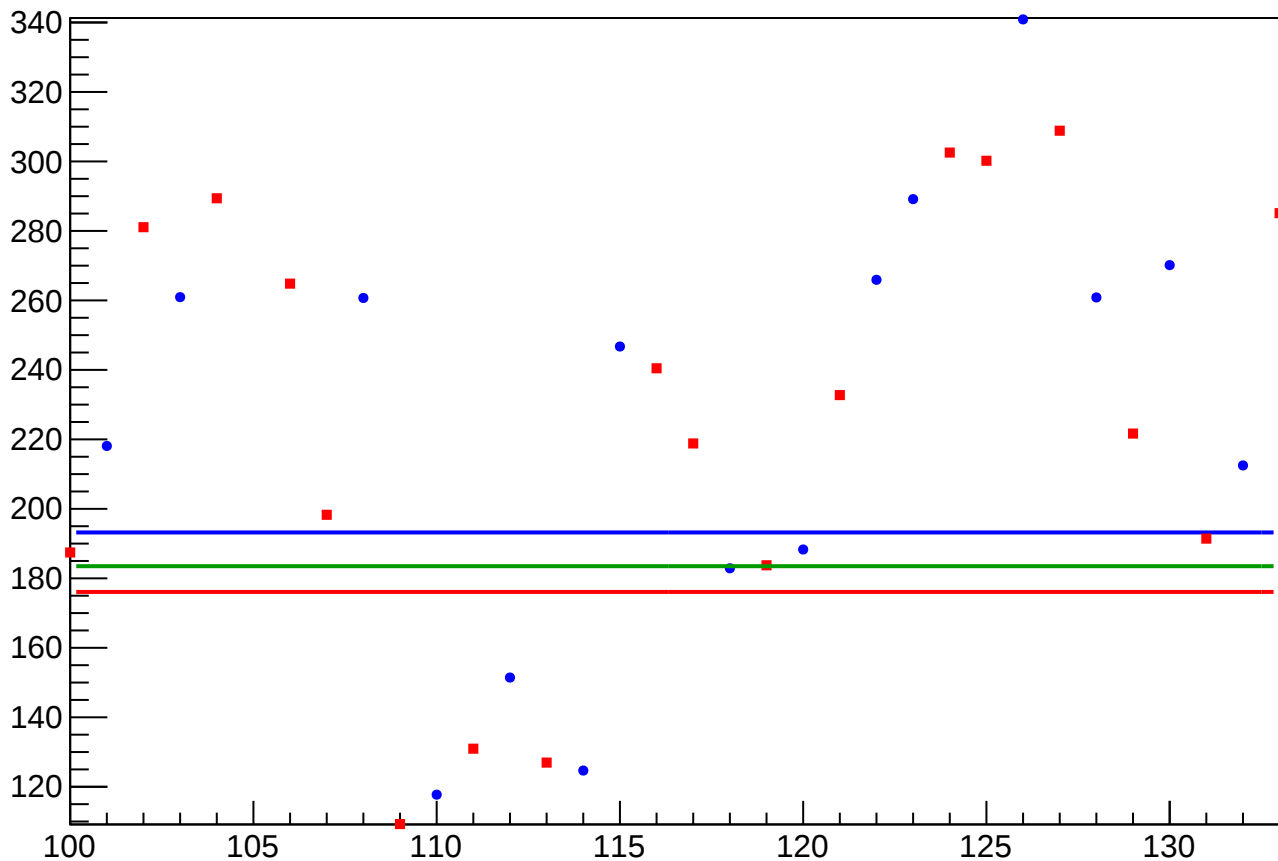
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.669 $\pm$ 86.236 χ^2 /NDF: 5.7/14

63.652 $\pm$ 56.735 χ^2 /NDF: 12.1/32

31.584 $\pm$ 75.336 χ^2 /NDF: 6.0/17

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: 176.086 $\pm$ 0.053 χ^2 /NDF: 1503048.4/17

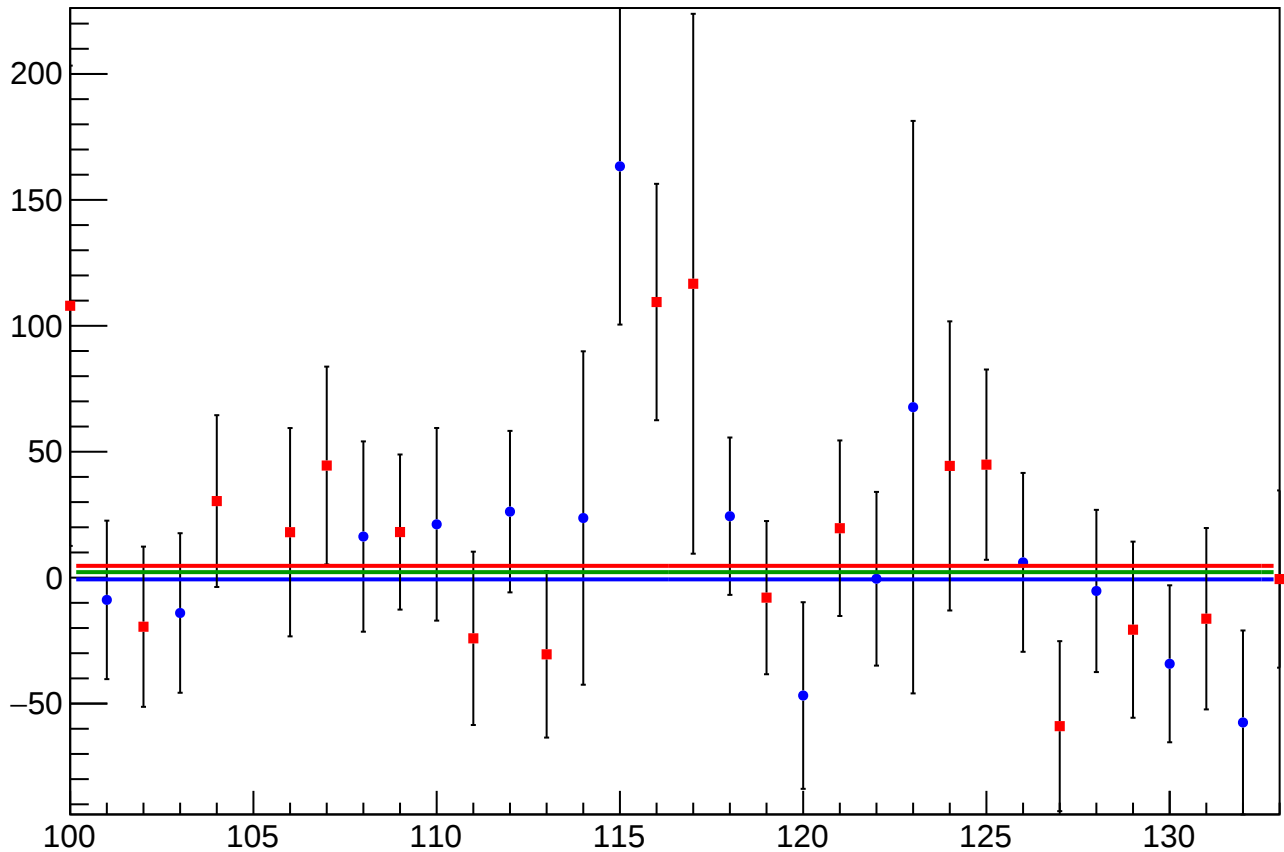
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

193.208 $\pm$ 0.061 χ^2 /NDF: 922318.9/14

183.497 $\pm$ 0.040 χ^2 /NDF: 2470084.0/32

176.086 $\pm$ 0.053 χ^2 /NDF: 1503048.4/17

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.683 ± 9.512 $\chi^2/\text{NDF}: 14.6/14$

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

Right Out: 4.690 ± 8.864 $\chi^2/\text{NDF}: 18.0/17$

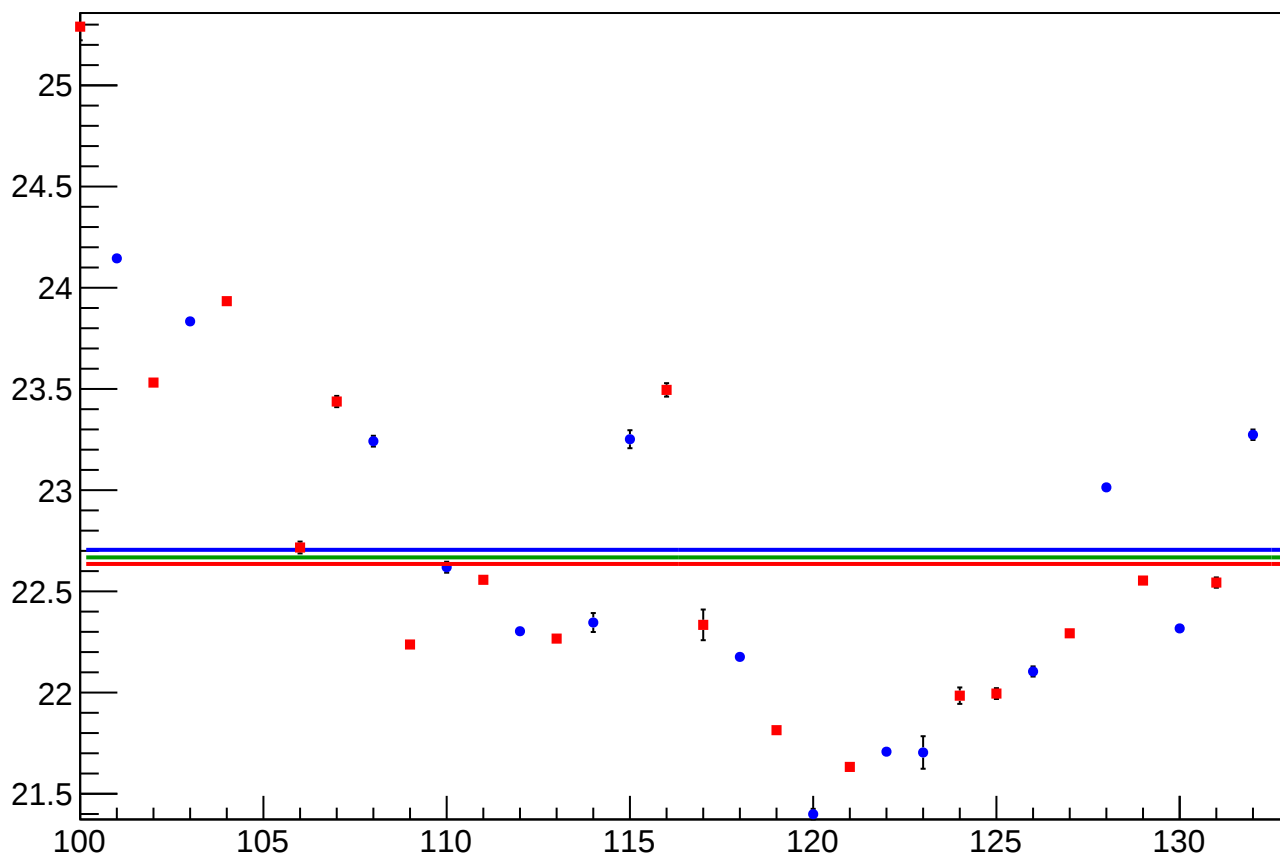
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.683 ± 9.512 $\chi^2/\text{NDF}: 14.6/14$

2.193 ± 6.485 $\chi^2/\text{NDF}: 32.7/32$

4.690 ± 8.864 $\chi^2/\text{NDF}: 18.0/17$

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: 22.635+/-0.006 χ^2 /NDF: 12720.5/17

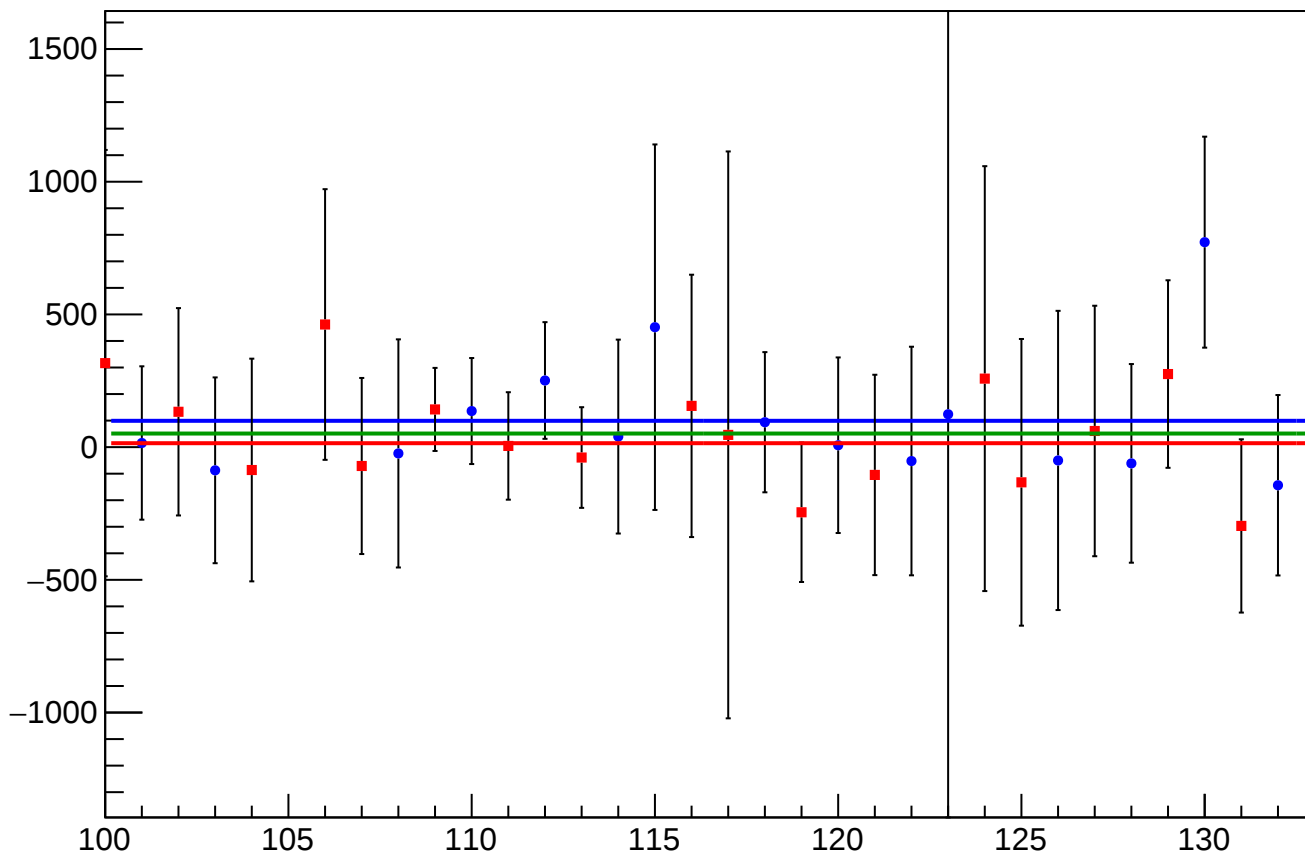
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.705+/-0.007 χ^2 /NDF: 14103.5/14

22.668+/-0.005 χ^2 /NDF: 26881.7/32

22.635+/-0.006 χ^2 /NDF: 12720.5/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.169 $\pm$ 85.909 χ^2 /NDF: 5.1/14

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

Right Out: 14.824 $\pm$ 74.867 χ^2 /NDF: 4.7/17

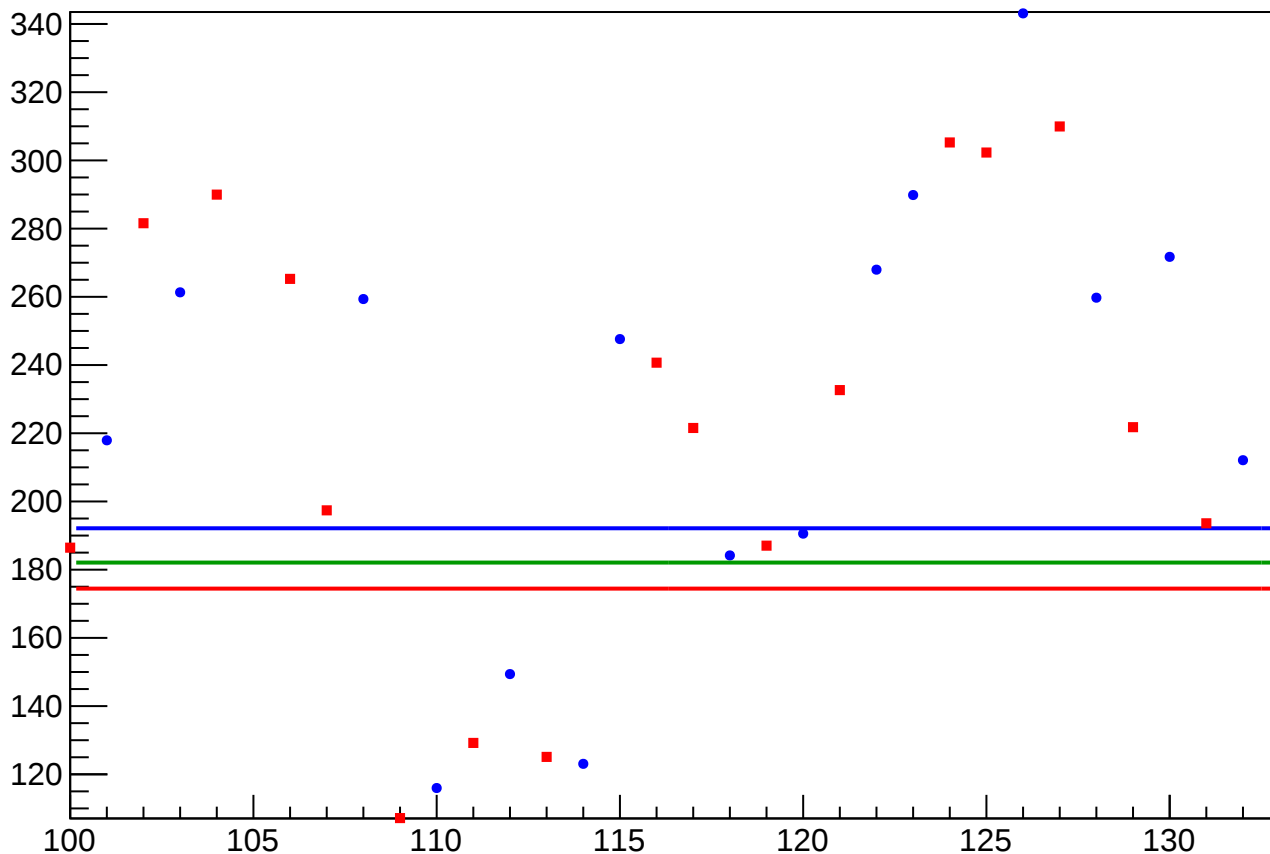
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

99.169 $\pm$ 85.909 χ^2 /NDF: 5.1/14

51.231 $\pm$ 56.442 χ^2 /NDF: 10.3/32

14.824 $\pm$ 74.867 χ^2 /NDF: 4.7/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.139 $\pm$ 0.061 χ^2 /NDF: 961840.1/14

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

Right Out: 174.449 $\pm$ 0.053 χ^2 /NDF: 1570316.2/17

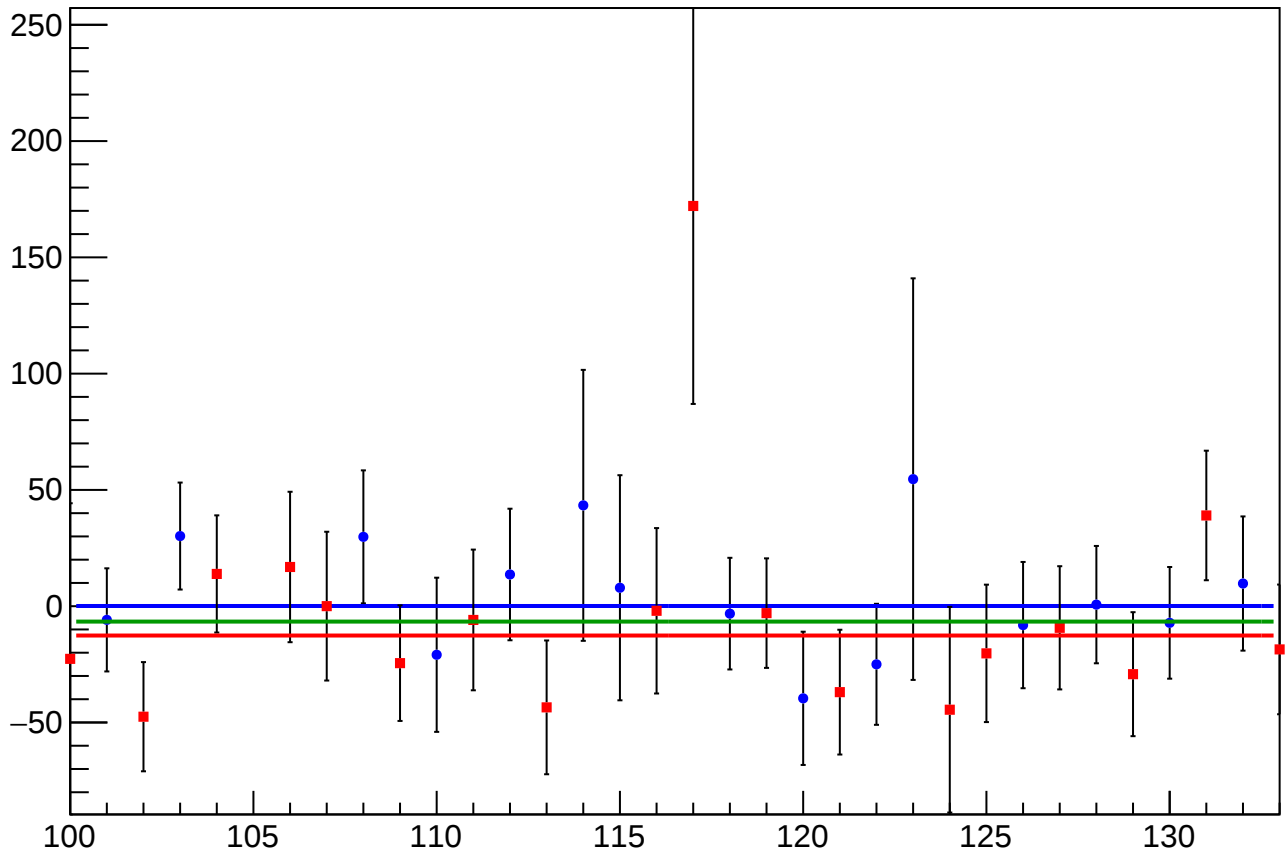
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

192.139 $\pm$ 0.061 χ^2 /NDF: 961840.1/14

182.085 $\pm$ 0.040 χ^2 /NDF: 2580354.2/32

174.449 $\pm$ 0.053 χ^2 /NDF: 1570316.2/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.089+/-7.360 χ^2/NDF : 7.6/14

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

Right Out: -12.612+/-6.958 χ^2/NDF : 16.0/17

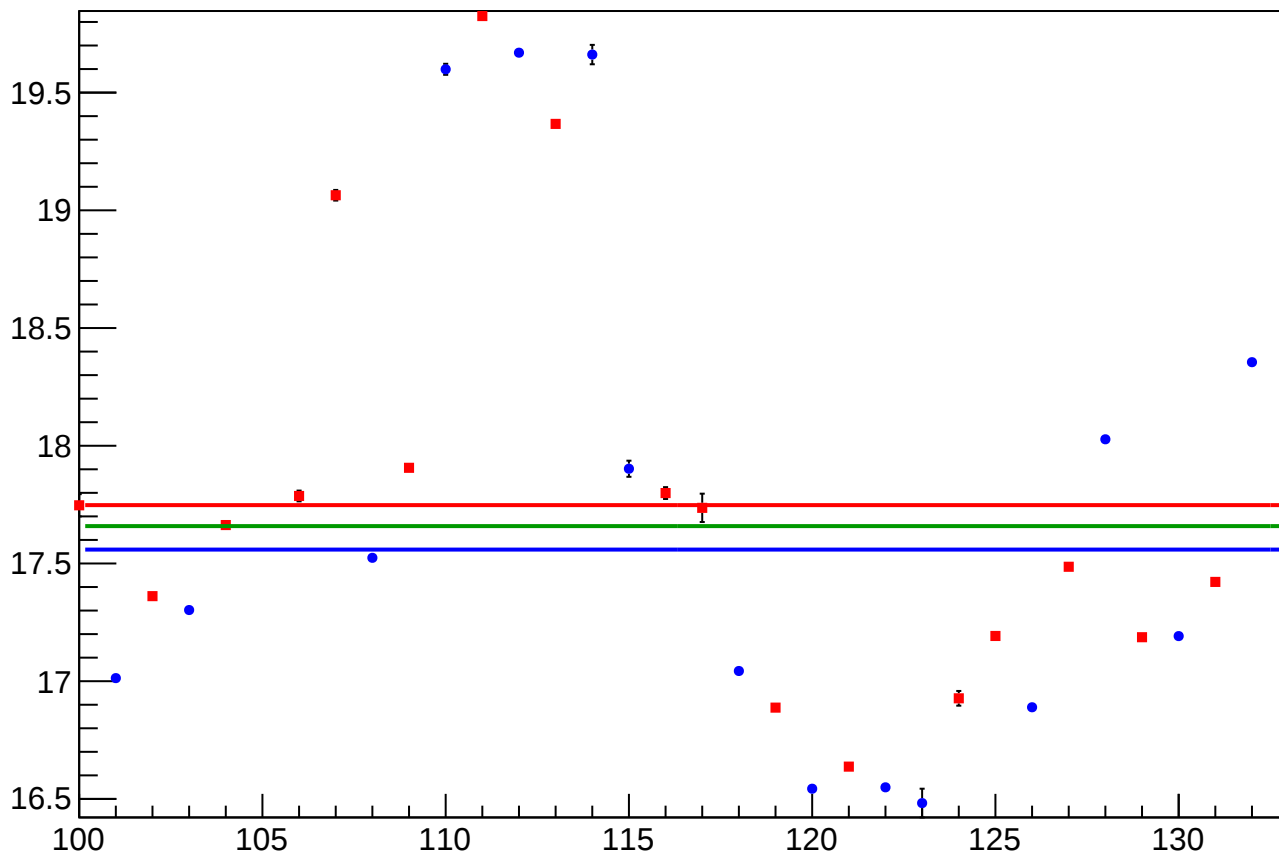
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-7.360 χ^2/NDF : 7.6/14

-6.618+/-5.056 χ^2/NDF : 25.2/32

-12.612+/-6.958 χ^2/NDF : 16.0/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.559+/-0.005 χ^2/NDF : 33537.9/14

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

Right Out: 17.748+/-0.005 χ^2/NDF : 29468.3/17

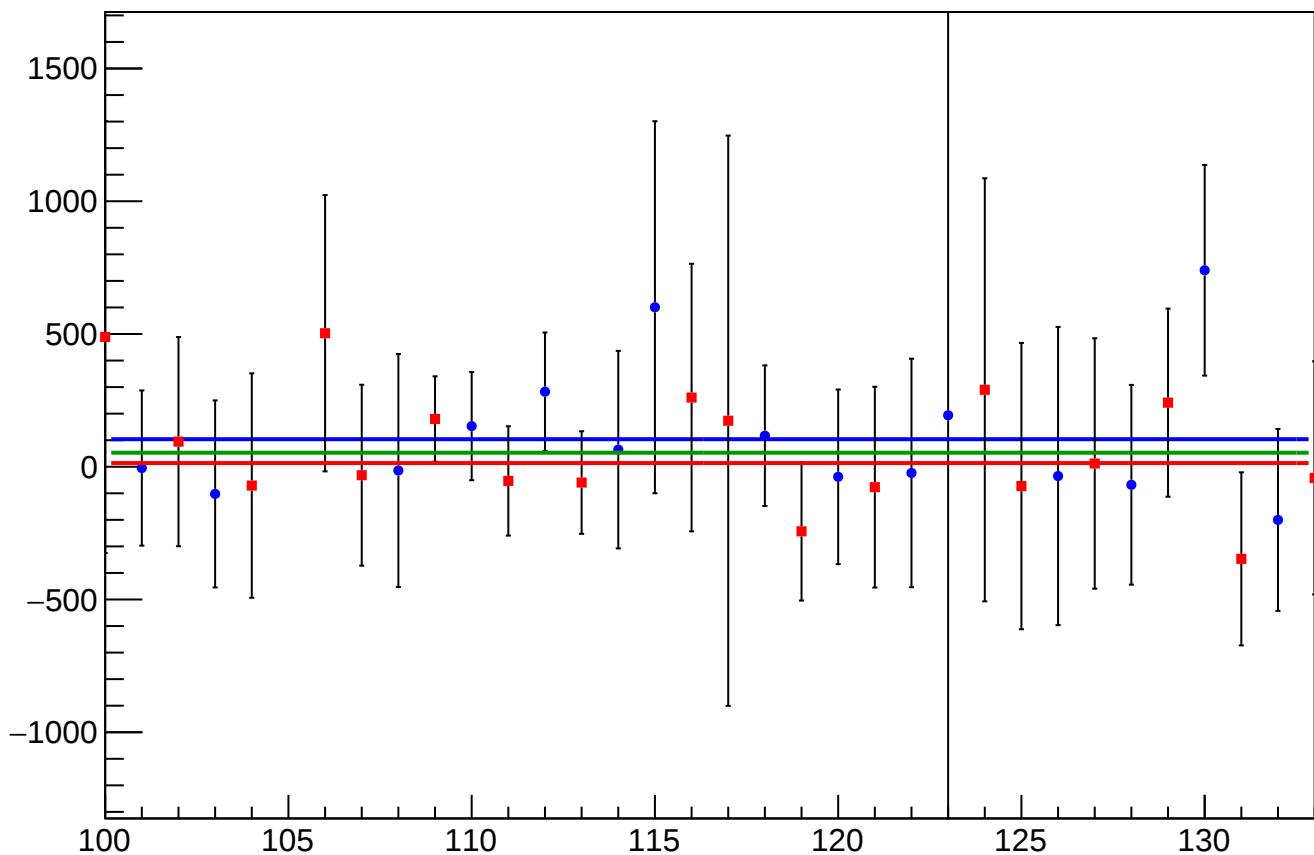
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.559+/-0.005 χ^2/NDF : 33537.9/14

17.659+/-0.004 χ^2/NDF : 63701.3/32

17.748+/-0.005 χ^2/NDF : 29468.3/17

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: 13.909 $\pm$ 75.910 χ^2 /NDF: 5.7/17

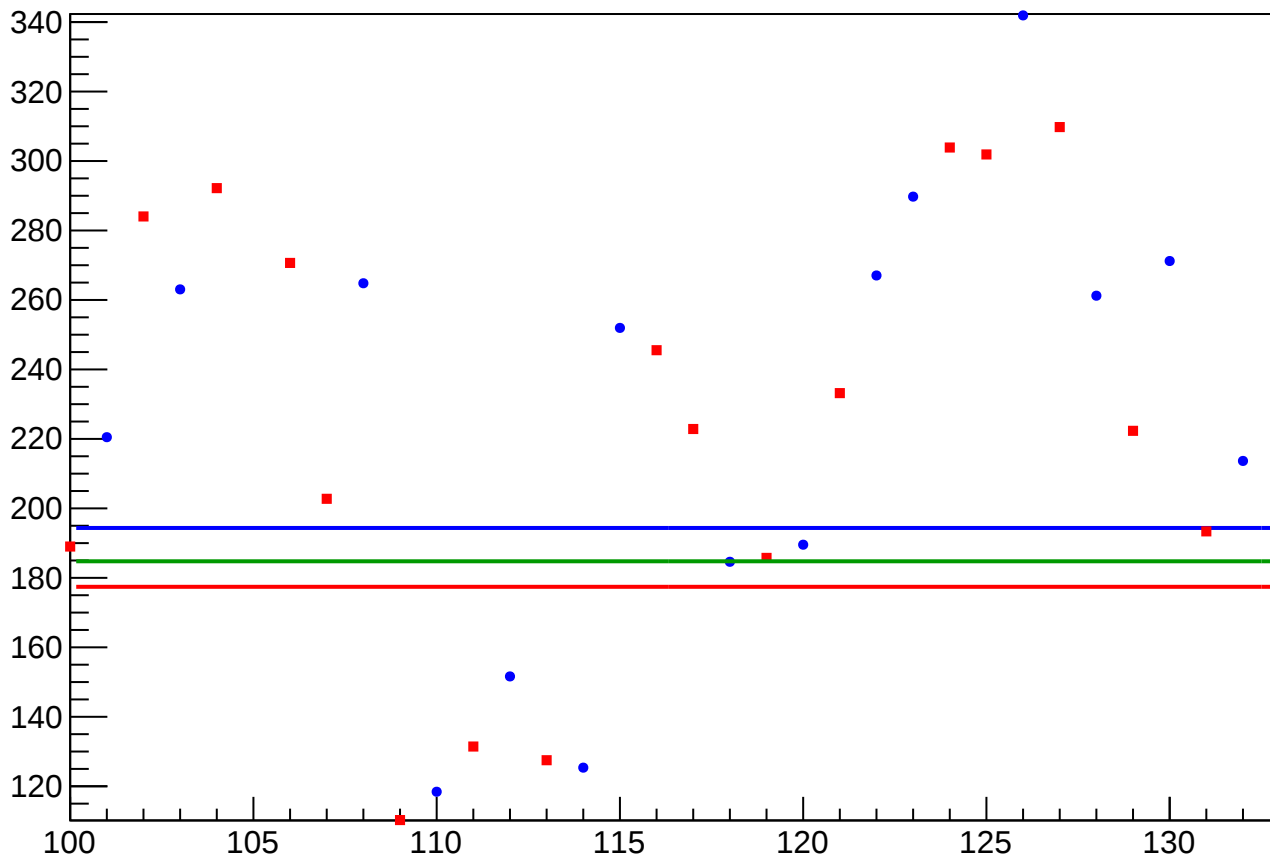
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.756 $\pm$ 86.761 χ^2 /NDF: 5.7/14

52.866 $\pm$ 57.130 χ^2 /NDF: 12.0/32

13.909 $\pm$ 75.910 χ^2 /NDF: 5.7/17

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: 177.423 $\pm$ 0.054 χ^2 /NDF: 1511468.1/17

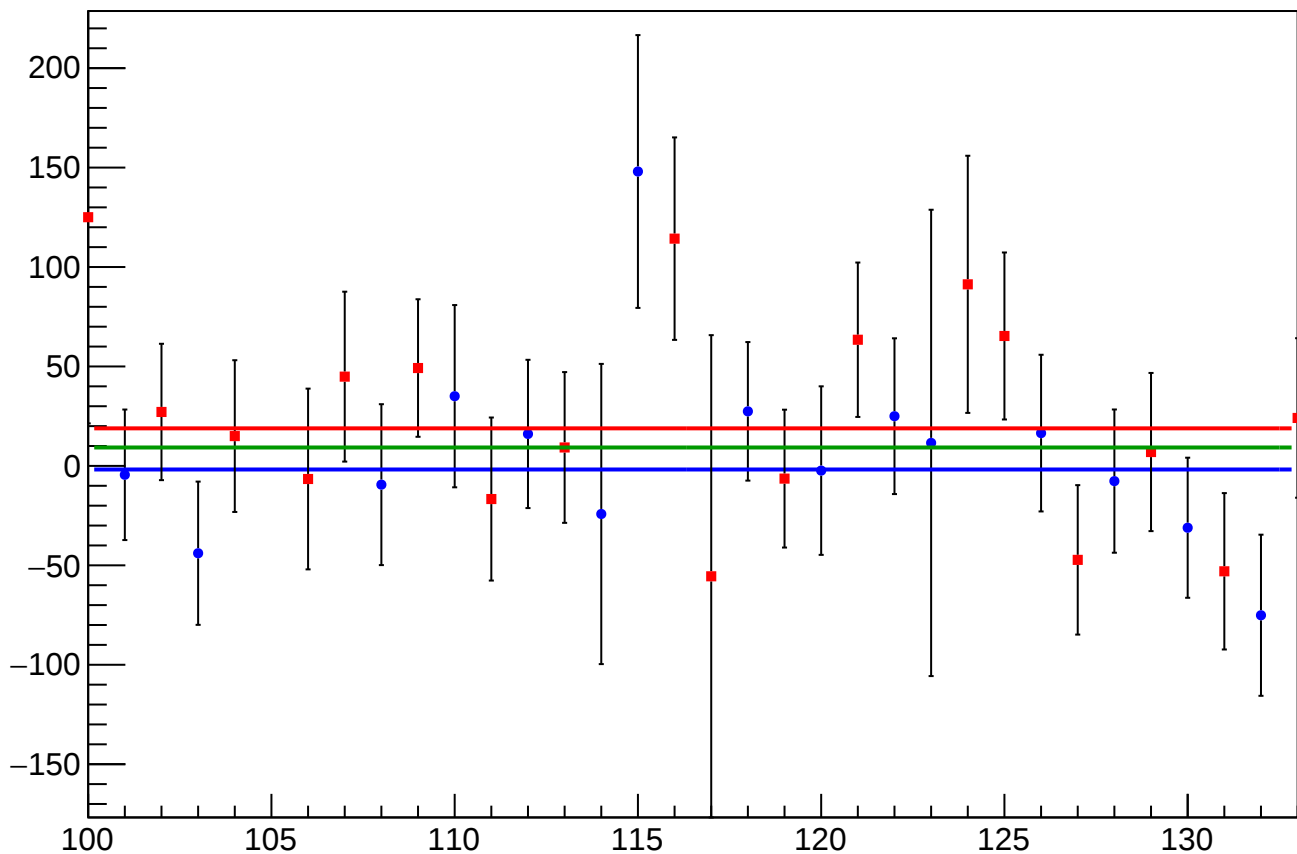
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.364 $\pm$ 0.061 χ^2 /NDF: 927636.1/14

184.769 $\pm$ 0.040 χ^2 /NDF: 2482296.3/32

177.423 $\pm$ 0.054 χ^2 /NDF: 1511468.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.808 ± 10.641 $\chi^2/\text{NDF}: 12.5/14$

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

Right Out: 18.878 ± 9.923 $\chi^2/\text{NDF}: 18.1/17$

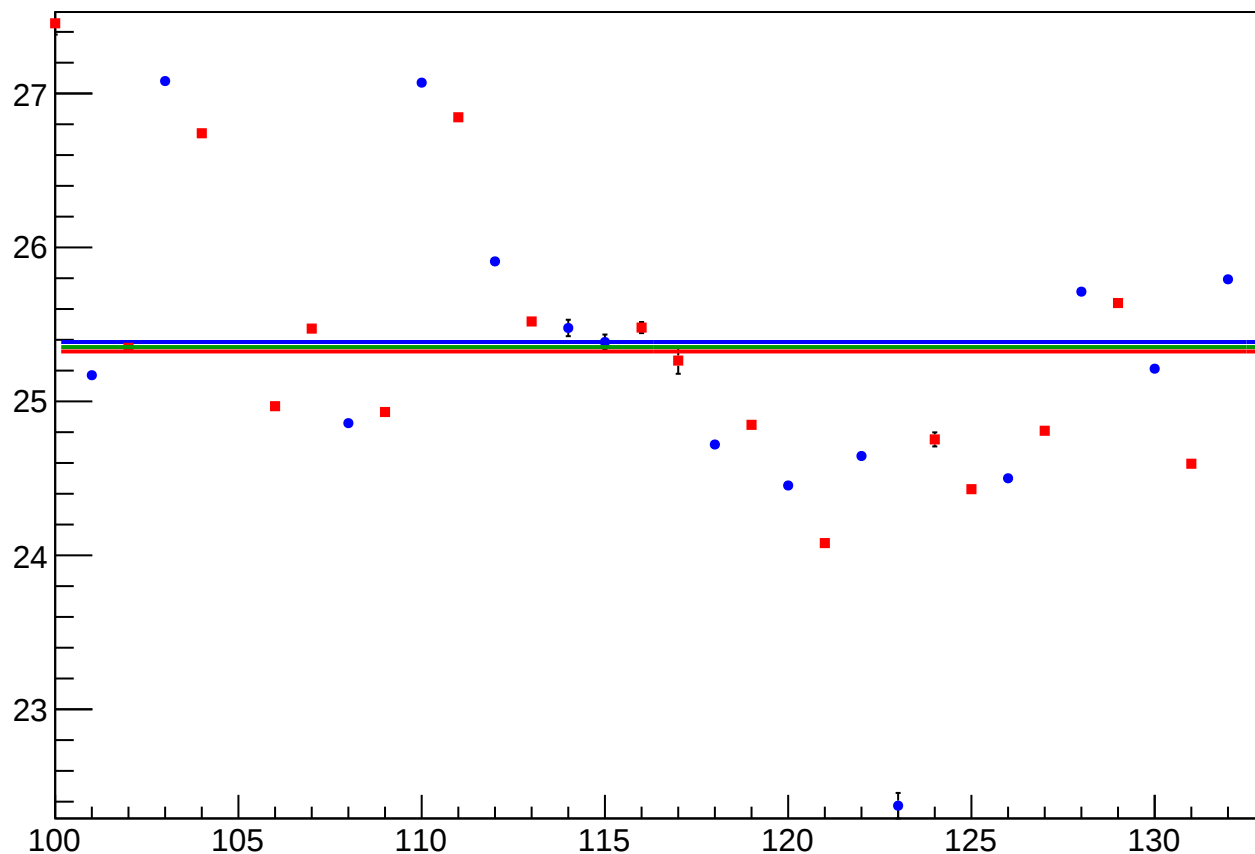
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.808 ± 10.641 $\chi^2/\text{NDF}: 12.5/14$

9.257 ± 7.257 $\chi^2/\text{NDF}: 32.7/32$

18.878 ± 9.923 $\chi^2/\text{NDF}: 18.1/17$

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: 25.324+/-0.007 χ^2/NDF : 12819.7/17

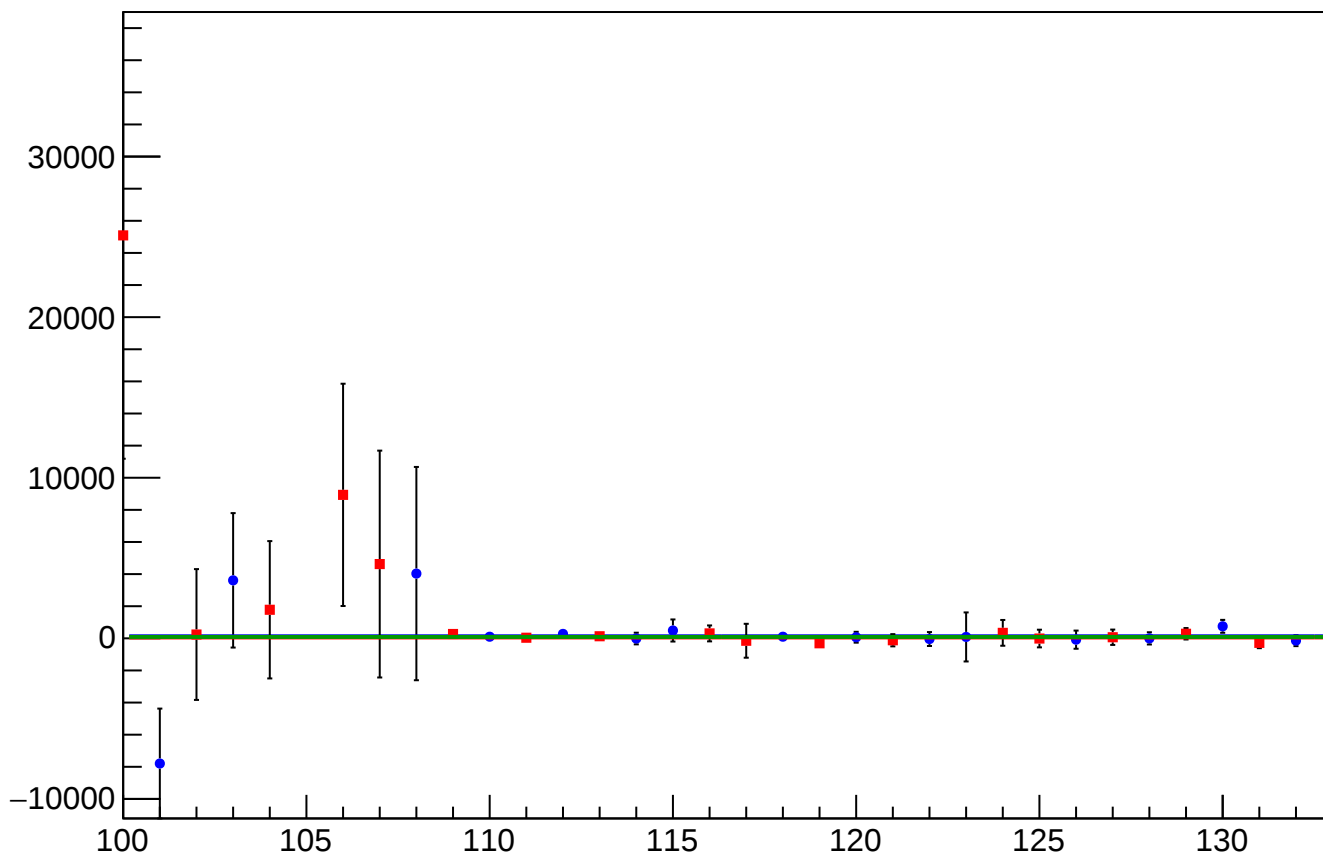
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.386+/-0.008 χ^2/NDF : 13115.1/14

25.353+/-0.005 χ^2/NDF : 25970.6/32

25.324+/-0.007 χ^2/NDF : 12819.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 126.746 $\pm$ 95.918 χ^2 /NDF: 10.8/14

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

Right Out: 55.801 $\pm$ 87.421 χ^2 /NDF: 10.6/17

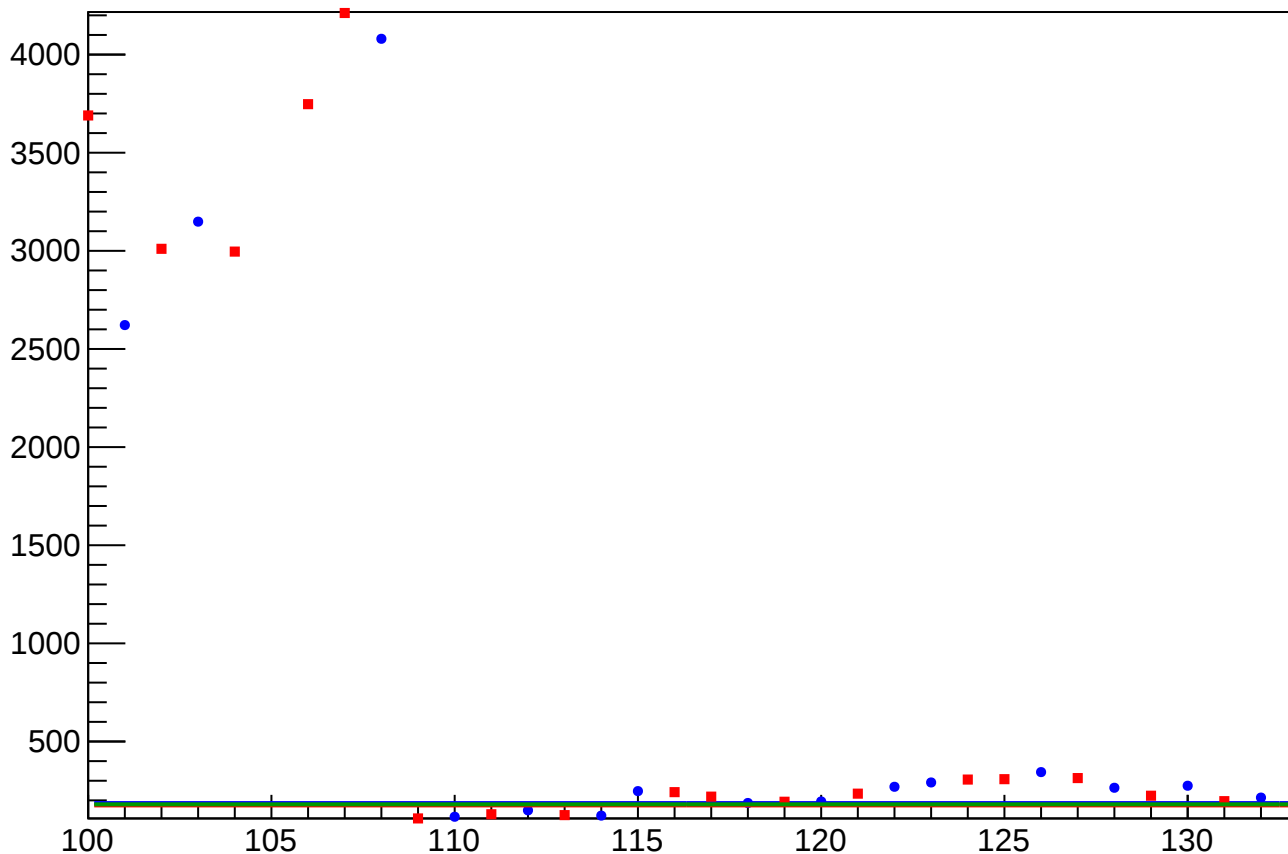
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

126.746 $\pm$ 95.918 χ^2 /NDF: 10.8/14

87.992 $\pm$ 64.611 χ^2 /NDF: 21.6/32

55.801 $\pm$ 87.421 χ^2 /NDF: 10.6/17

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: 174.380+/-0.062 χ^2/NDF : 4199868.7/17

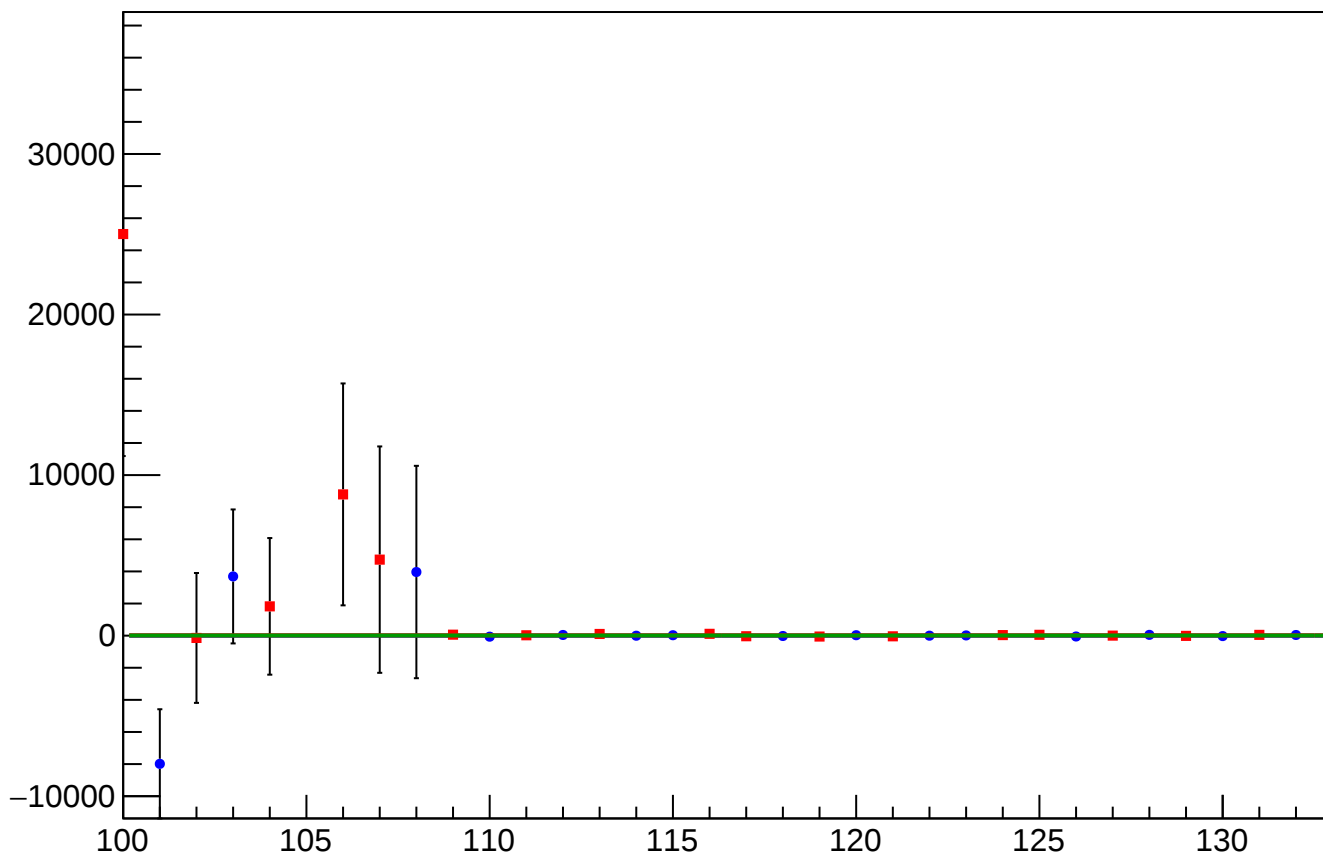
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

186.226+/-0.068 χ^2/NDF : 3513192.1/14

179.755+/-0.046 χ^2/NDF : 7729724.1/32

174.380+/-0.062 χ^2/NDF : 4199868.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.538 ± 13.549 $\chi^2/\text{NDF}: 14.9/14$

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

Right Out: 19.670 ± 13.067 $\chi^2/\text{NDF}: 21.5/17$

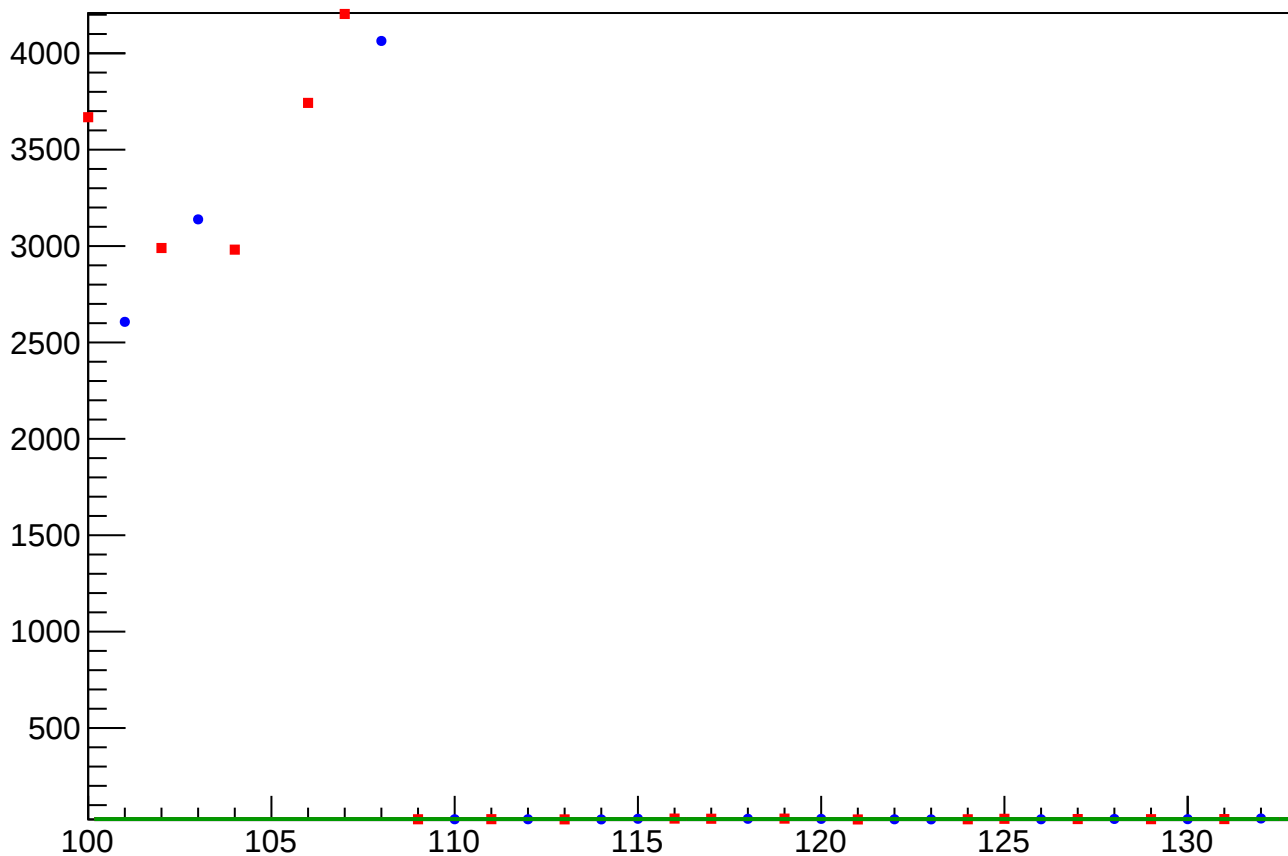
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.538 ± 13.549 $\chi^2/\text{NDF}: 14.9/14$

9.932 ± 9.405 $\chi^2/\text{NDF}: 37.5/32$

19.670 ± 13.067 $\chi^2/\text{NDF}: 21.5/17$

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.722+/-0.010 χ^2 /NDF: 3025684.0/14

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

Right Out: 27.736+/-0.009 χ^2 /NDF: 3476886.9/17

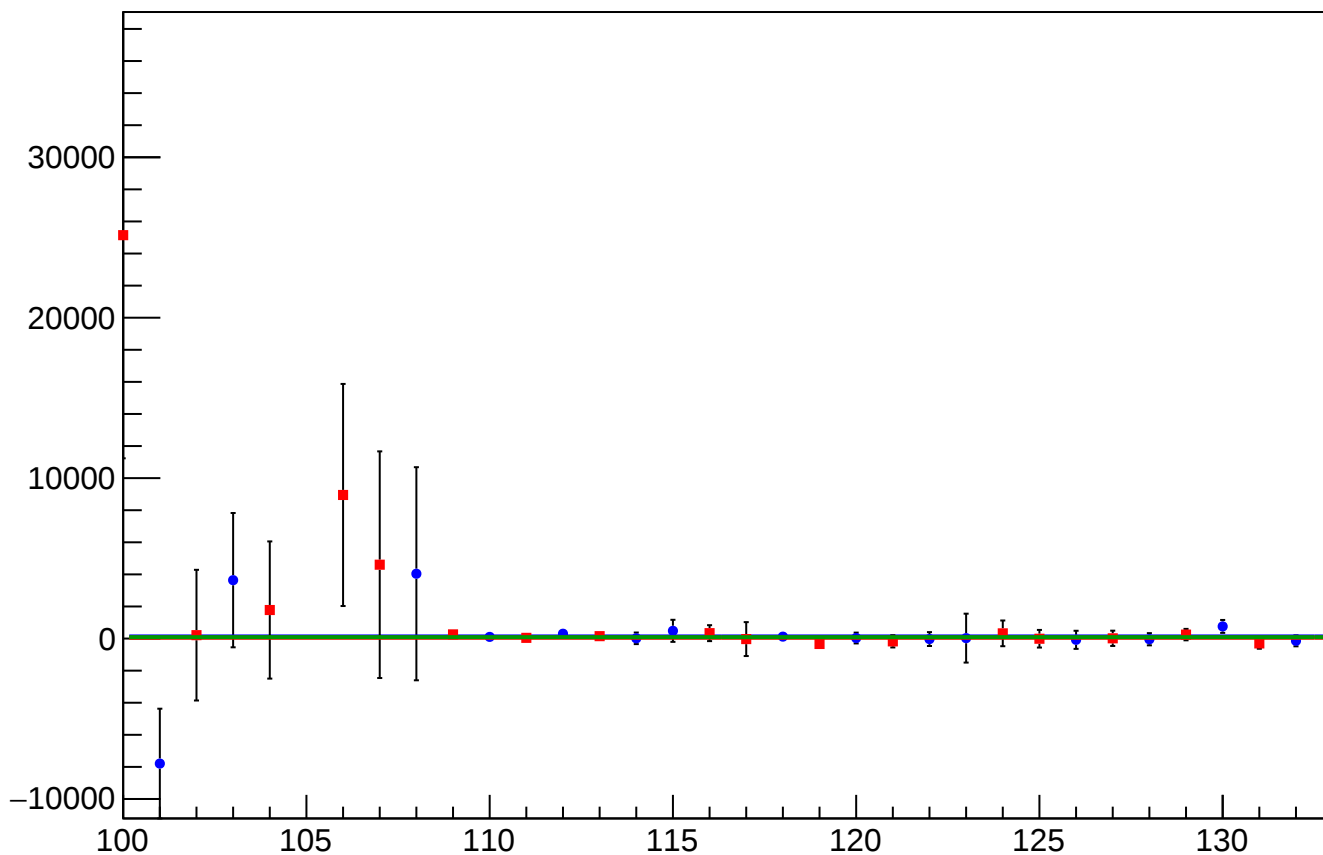
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.722+/-0.010 χ^2 /NDF: 3025684.0/14

27.729+/-0.007 χ^2 /NDF: 6502572.1/32

27.736+/-0.009 χ^2 /NDF: 3476886.9/17

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: 49.938+/-87.107 χ^2/NDF : 11.1/17

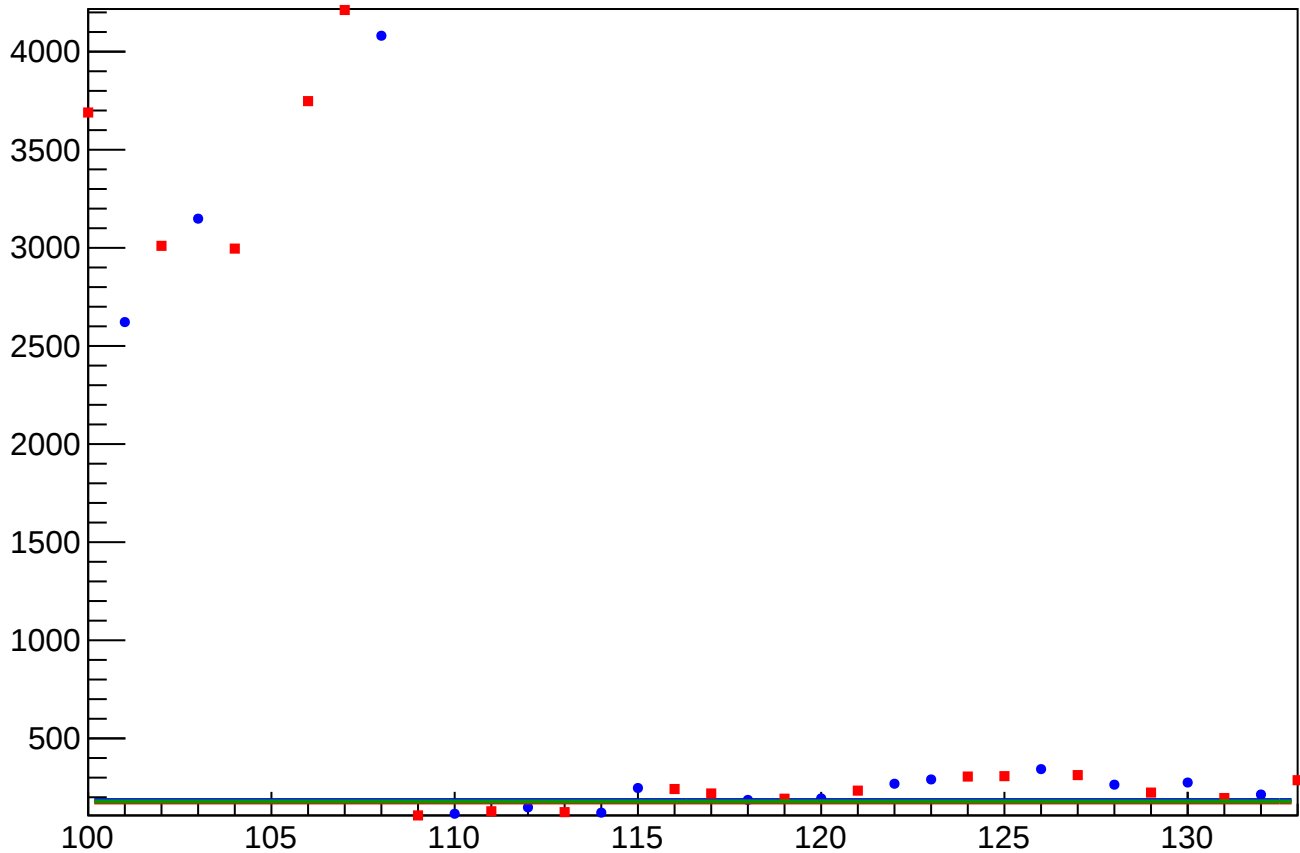
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.363+/-95.609 χ^2/NDF : 11.0/14

87.324+/-64.390 χ^2/NDF : 22.6/32

49.938+/-87.107 χ^2/NDF : 11.1/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.496+/-0.068 χ^2/NDF : 3524359.7/14

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

Right Out: 173.623+/-0.062 χ^2/NDF : 4211669.2/17

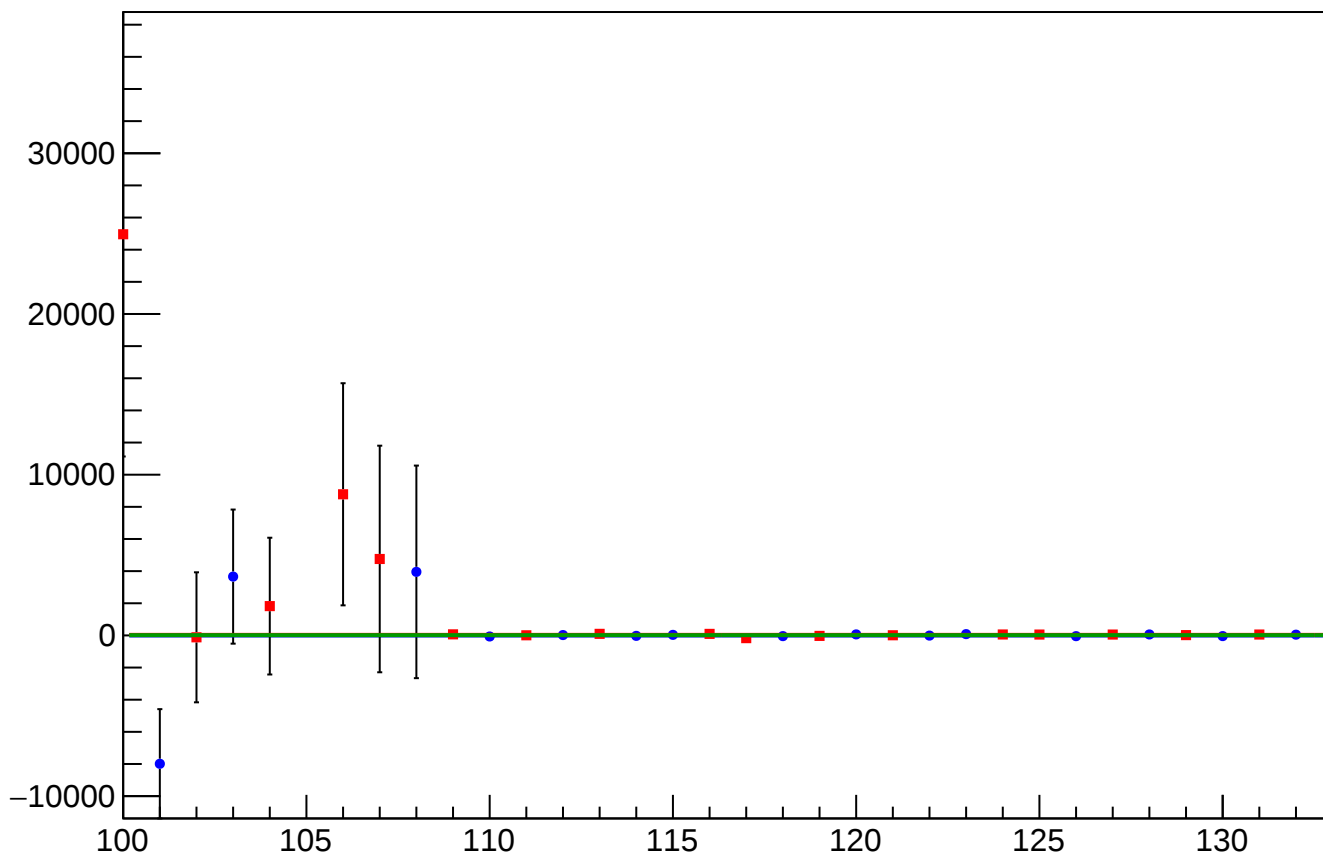
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

185.496+/-0.068 χ^2/NDF : 3524359.7/14

179.008+/-0.046 χ^2/NDF : 7752880.6/32

173.623+/-0.062 χ^2/NDF : 4211669.2/17

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: 33.688+/-13.183 χ^2/NDF : 16.3/17

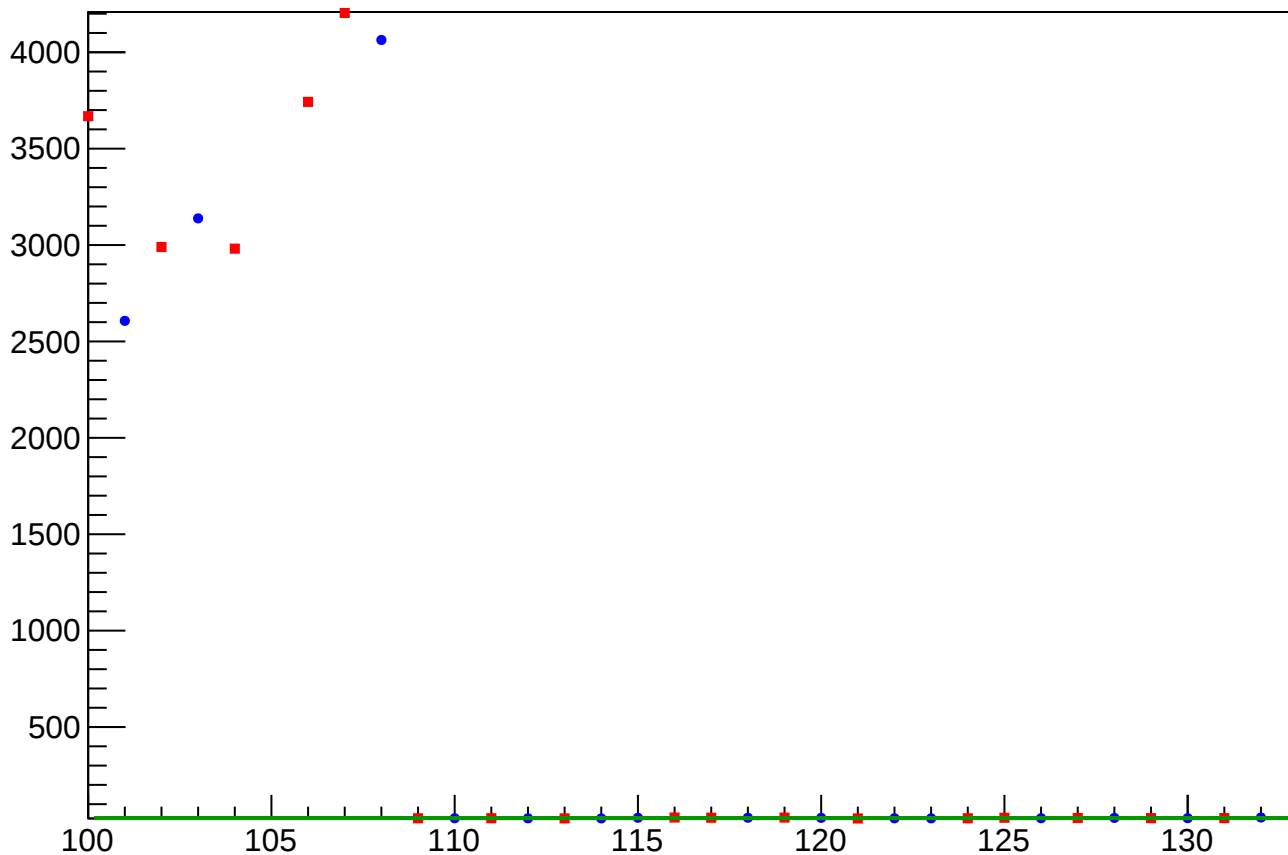
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.471+/-13.642 χ^2/NDF : 18.1/14

15.744+/-9.480 χ^2/NDF : 38.2/32

33.688+/-13.183 χ^2/NDF : 16.3/17

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: 27.978+/-0.009 χ^2/NDF : 3479507.7/17

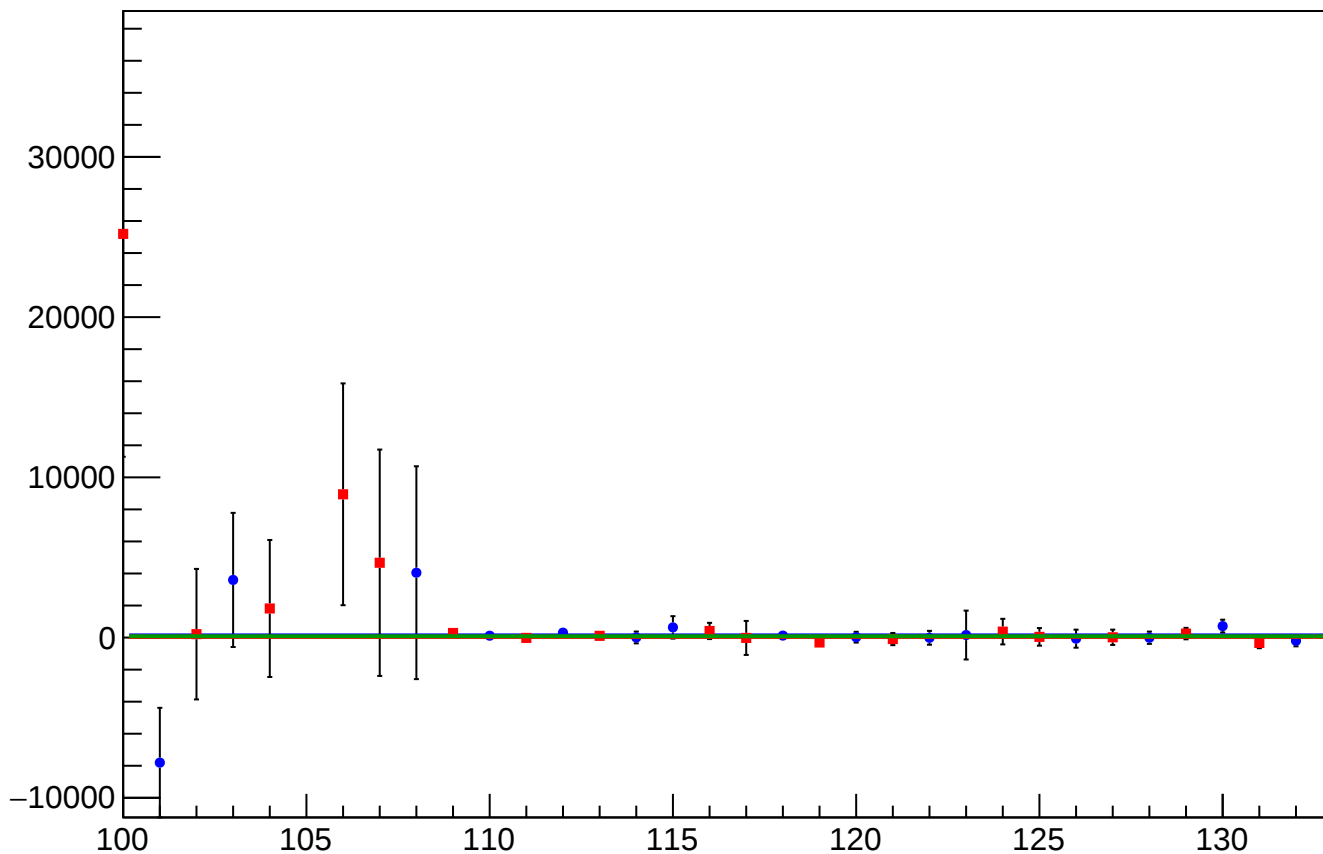
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.909+/-0.010 χ^2/NDF : 3025770.2/14

27.945+/-0.007 χ^2/NDF : 6505304.8/32

27.978+/-0.009 χ^2/NDF : 3479507.7/17

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: 41.003+/-88.262 χ^2/NDF : 11.2/17

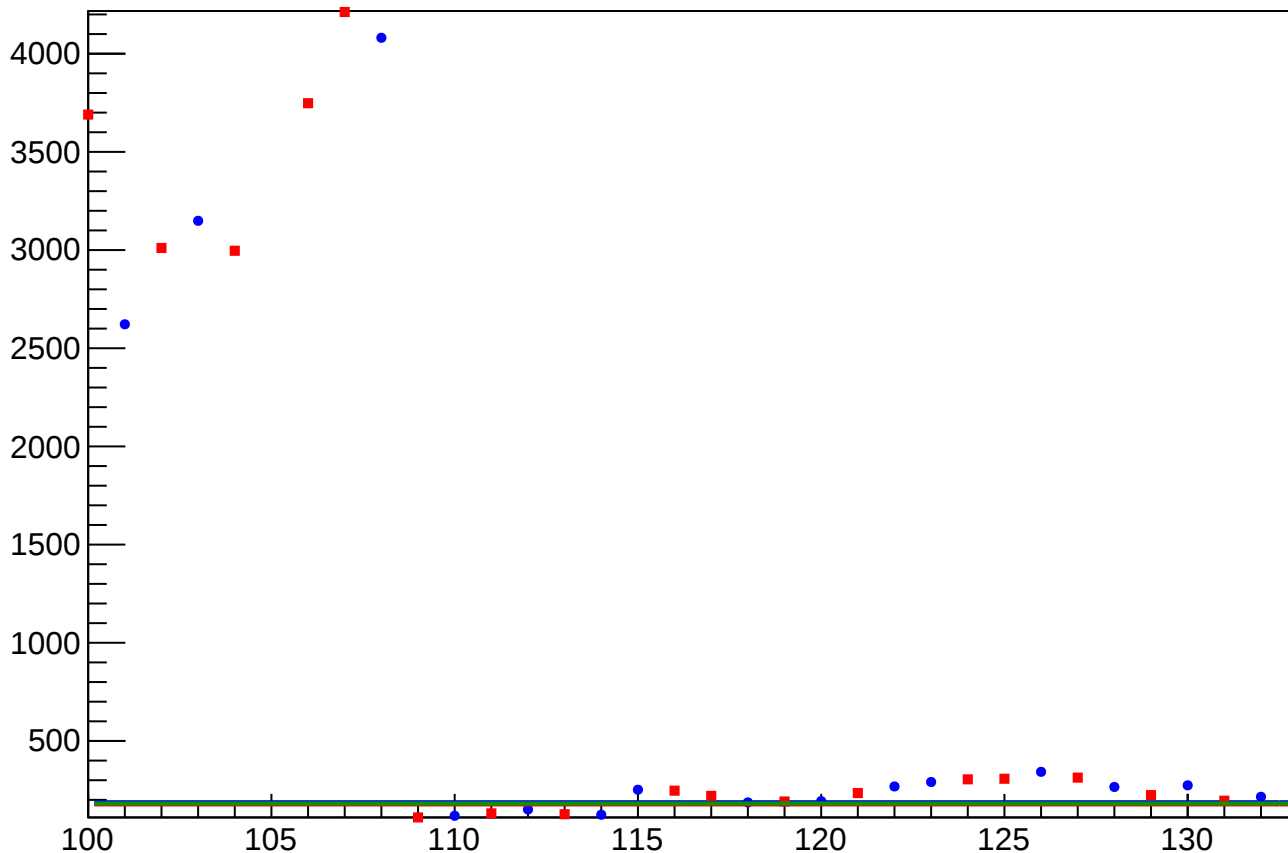
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.369+/-96.714 χ^2/NDF : 11.2/14

83.883+/-65.194 χ^2/NDF : 22.9/32

41.003+/-88.262 χ^2/NDF : 11.2/17

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: 176.575 $\pm$ 0.062 χ^2 /NDF: 4158115.9/17

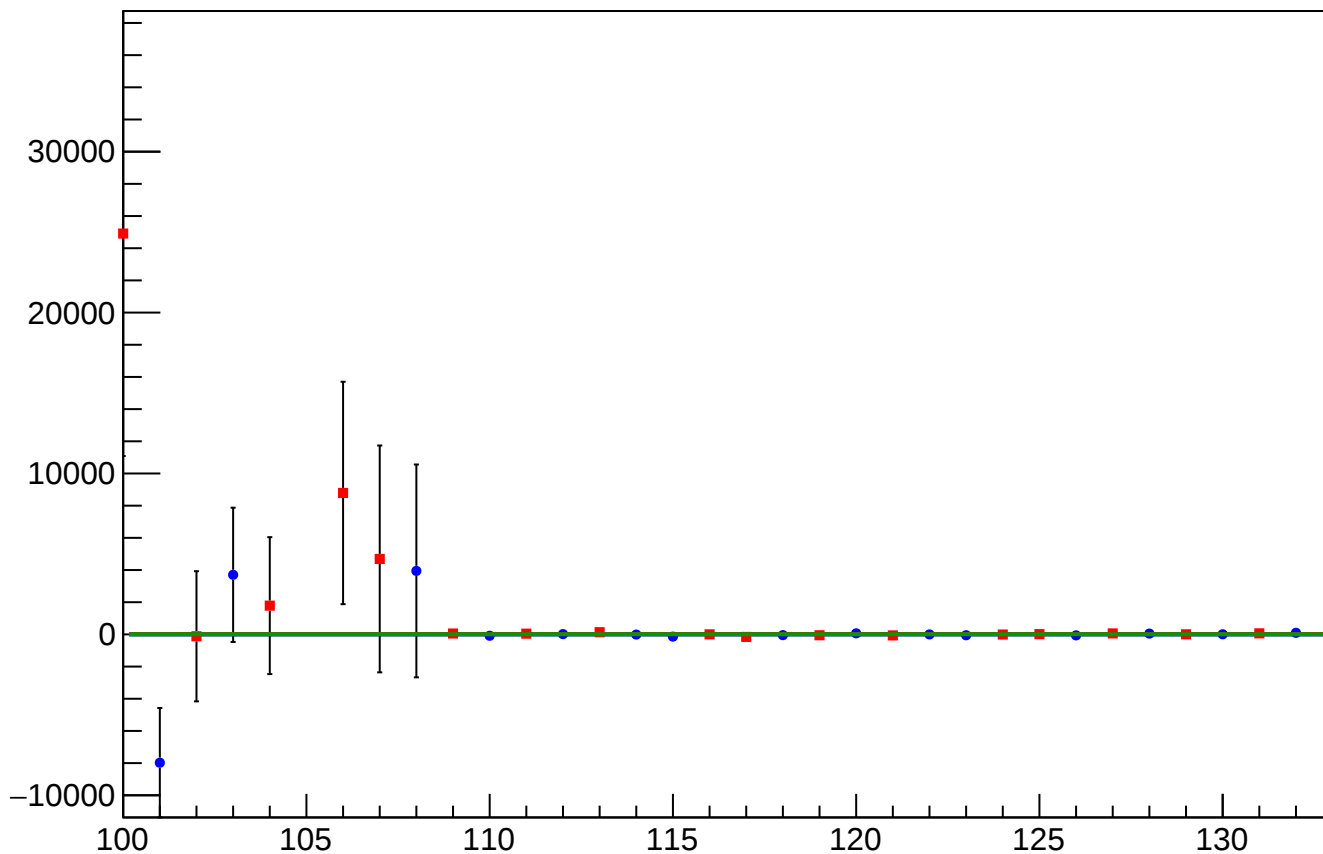
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

188.182 $\pm$ 0.068 χ^2 /NDF: 3477909.4/14

181.849 $\pm$ 0.046 χ^2 /NDF: 7651742.4/32

176.575 $\pm$ 0.062 χ^2 /NDF: 4158115.9/17

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: 19.885+/-15.929 χ^2/NDF : 20.0/17

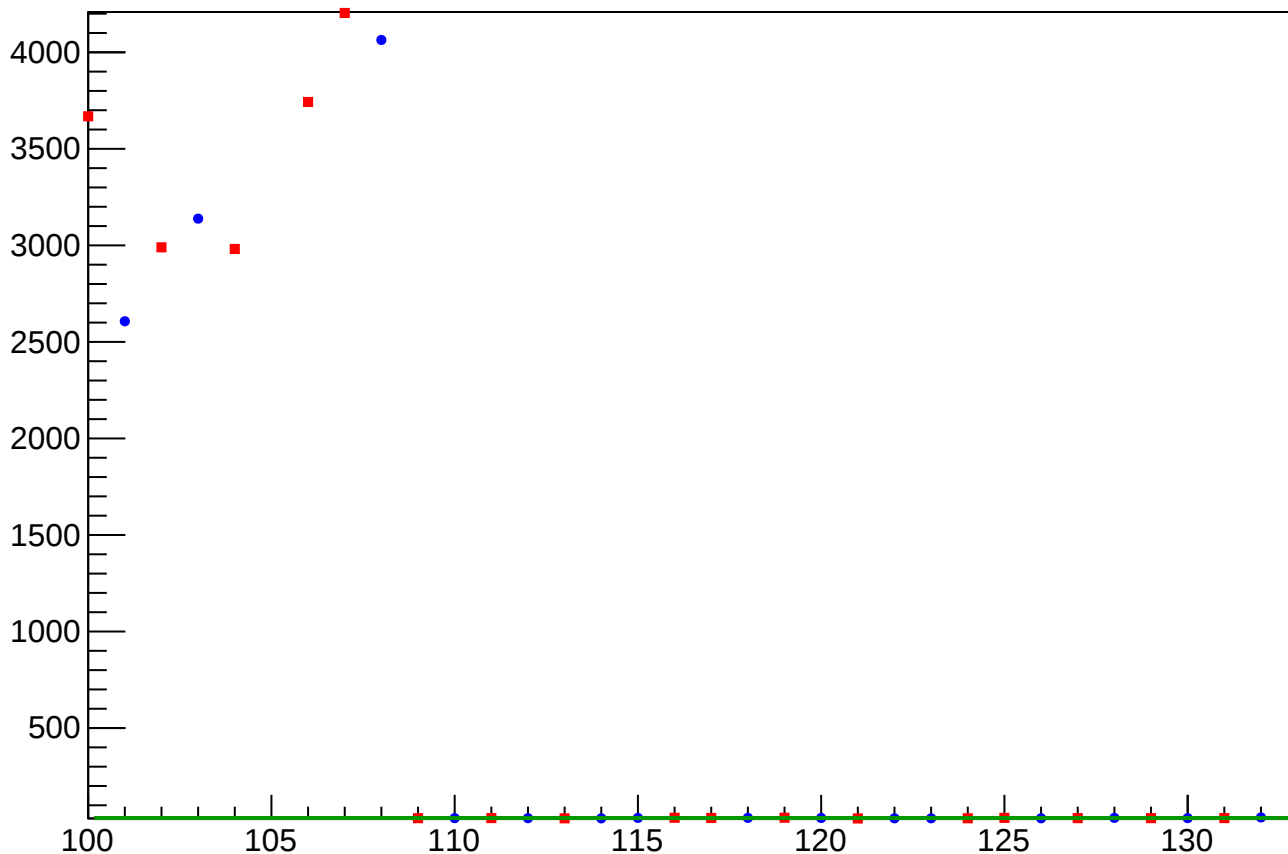
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.015+/-16.608 χ^2/NDF : 18.7/14

8.913+/-11.496 χ^2/NDF : 39.7/32

19.885+/-15.929 χ^2/NDF : 20.0/17

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: 33.877 $\pm$ 0.011 χ^2 /NDF: 3451715.0/17

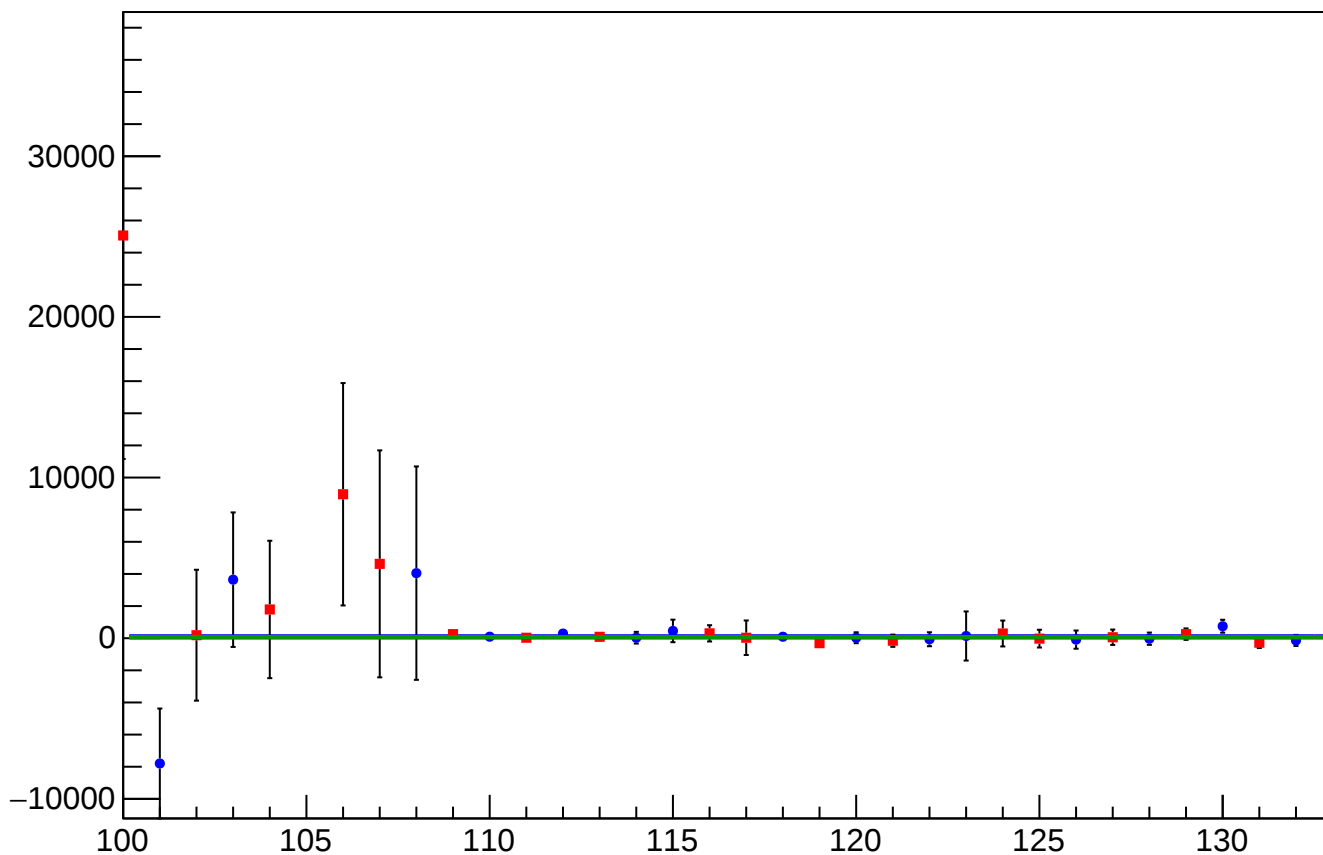
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.010 $\pm$ 0.012 χ^2 /NDF: 3005272.4/14

33.941 $\pm$ 0.008 χ^2 /NDF: 6457053.8/32

33.877 $\pm$ 0.011 χ^2 /NDF: 3451715.0/17

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: 37.696+/-87.793 χ^2/NDF : 10.1/17

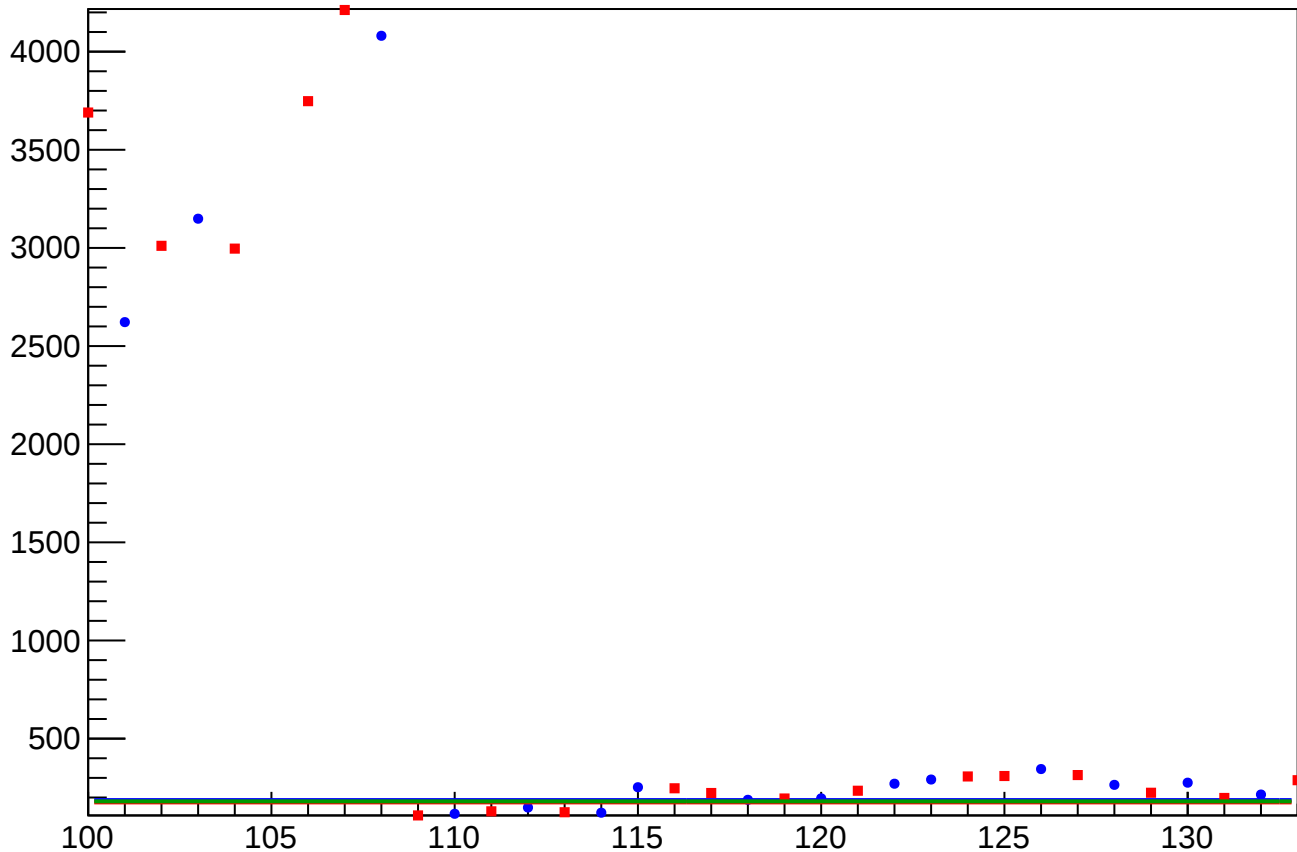
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.306+/-96.269 χ^2/NDF : 10.8/14

76.567+/-64.869 χ^2/NDF : 21.4/32

37.696+/-87.793 χ^2/NDF : 10.1/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.903 $\pm$ 0.068 χ^2 /NDF: 3514690.8/14

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

Right Out: 175.122 $\pm$ 0.062 χ^2 /NDF: 4204144.0/17

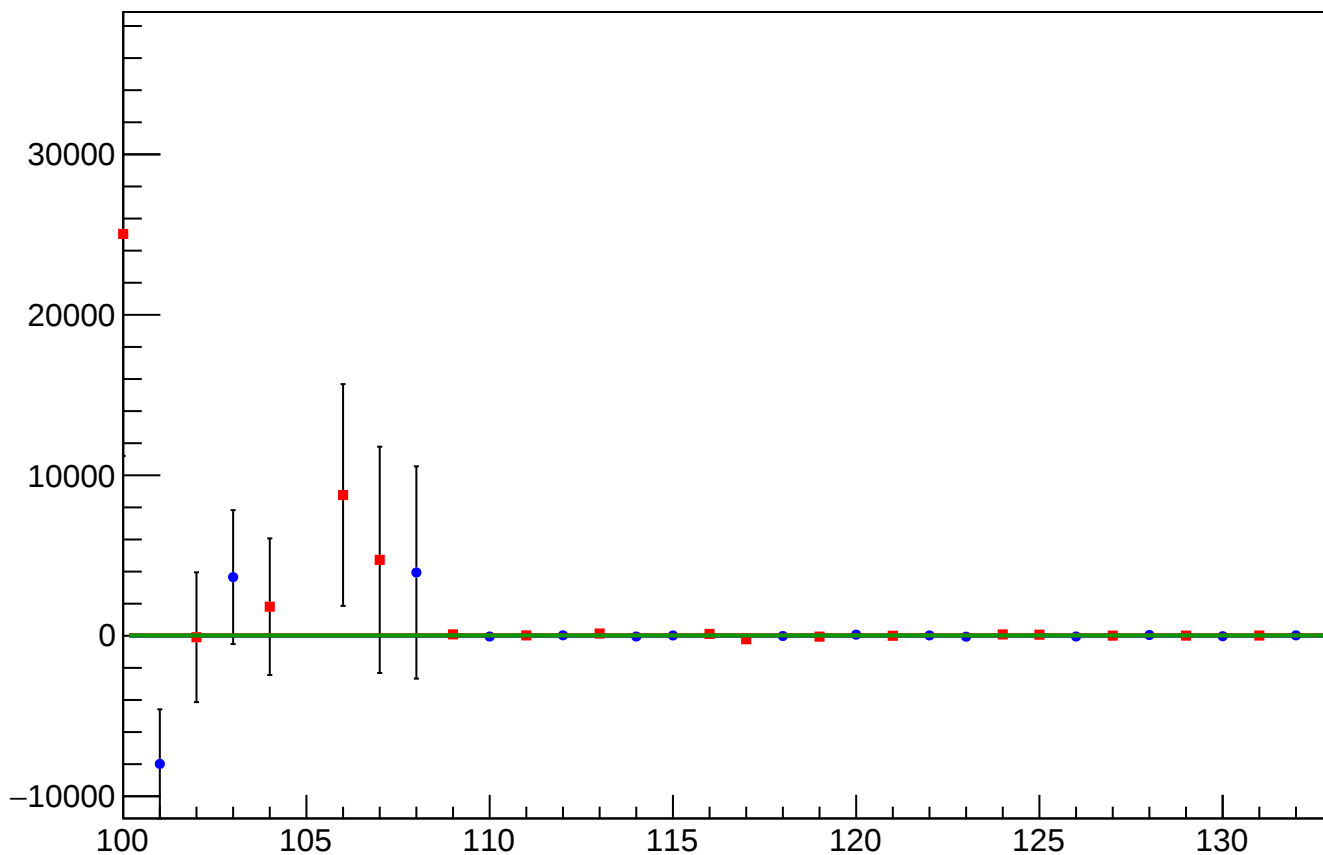
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

186.903 $\pm$ 0.068 χ^2 /NDF: 3514690.8/14

180.471 $\pm$ 0.046 χ^2 /NDF: 7735186.0/32

175.122 $\pm$ 0.062 χ^2 /NDF: 4204144.0/17

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: 32.407+/-14.593 χ^2 /NDF: 22.2/17

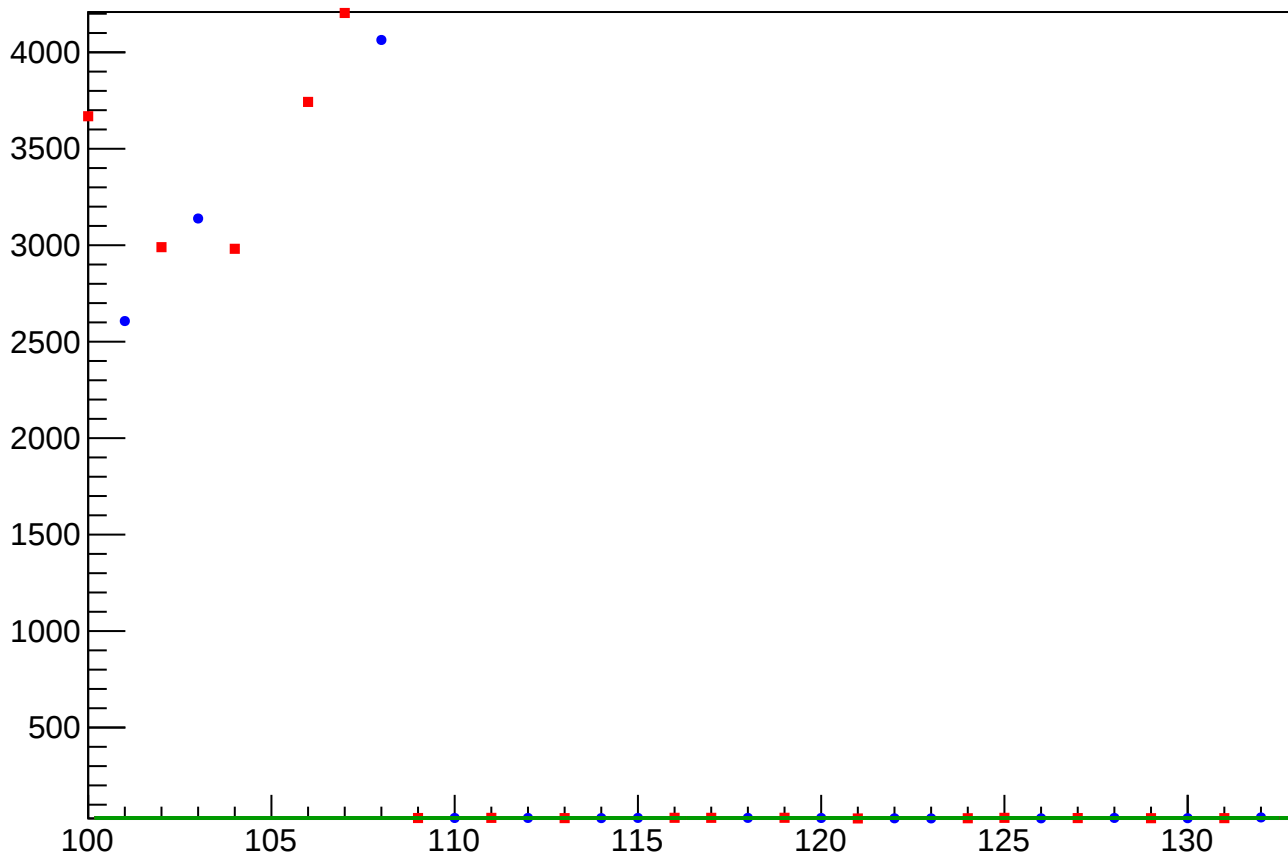
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4.185+/-15.144 χ^2 /NDF: 13.0/14

18.819+/-10.508 χ^2 /NDF: 37.0/32

32.407+/-14.593 χ^2 /NDF: 22.2/17

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: 31.016+/-0.010 χ^2/NDF : 3458808.6/17

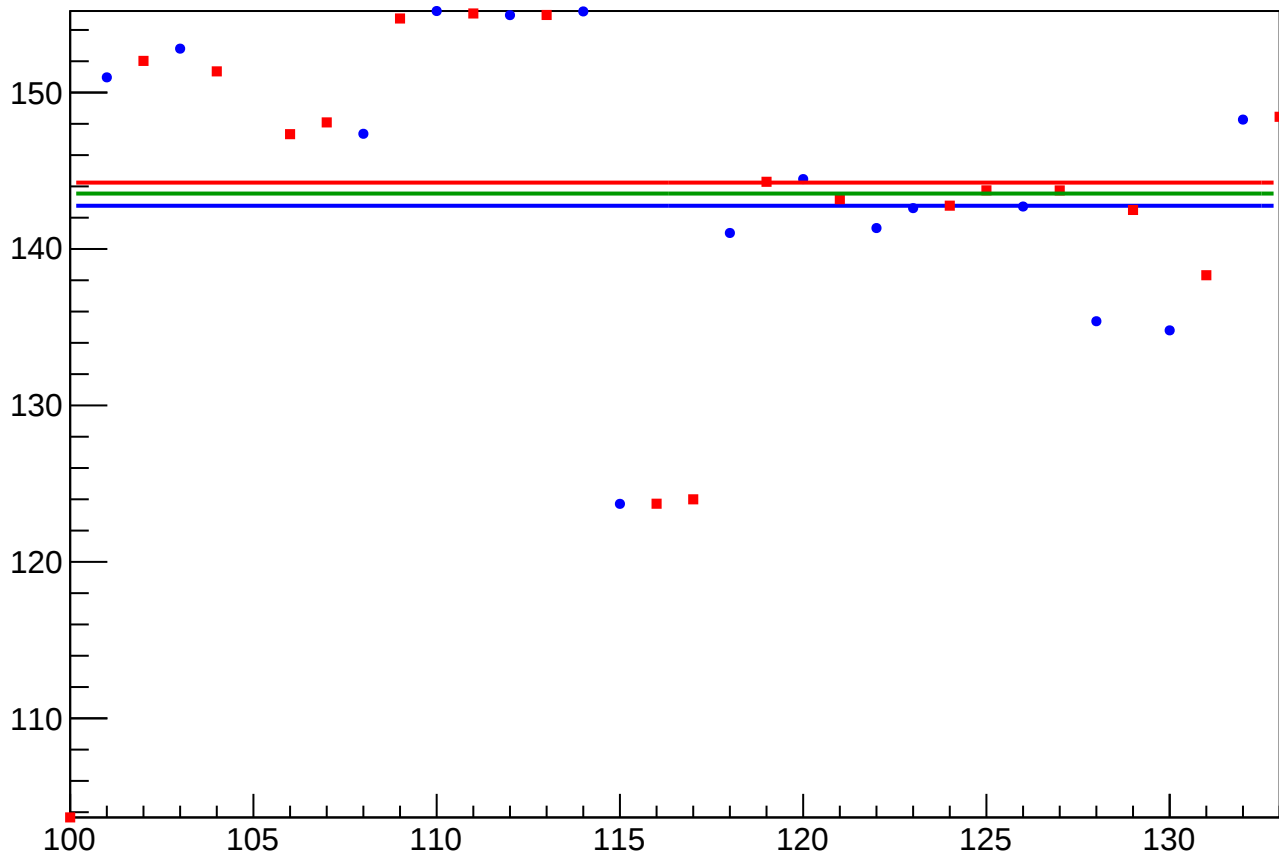
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.016+/-0.011 χ^2/NDF : 3013643.7/14

31.016+/-0.007 χ^2/NDF : 6472452.3/32

31.016+/-0.010 χ^2/NDF : 3458808.6/17

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: 144.243+/-0.000 χ^2/NDF : 4470850171.8/17

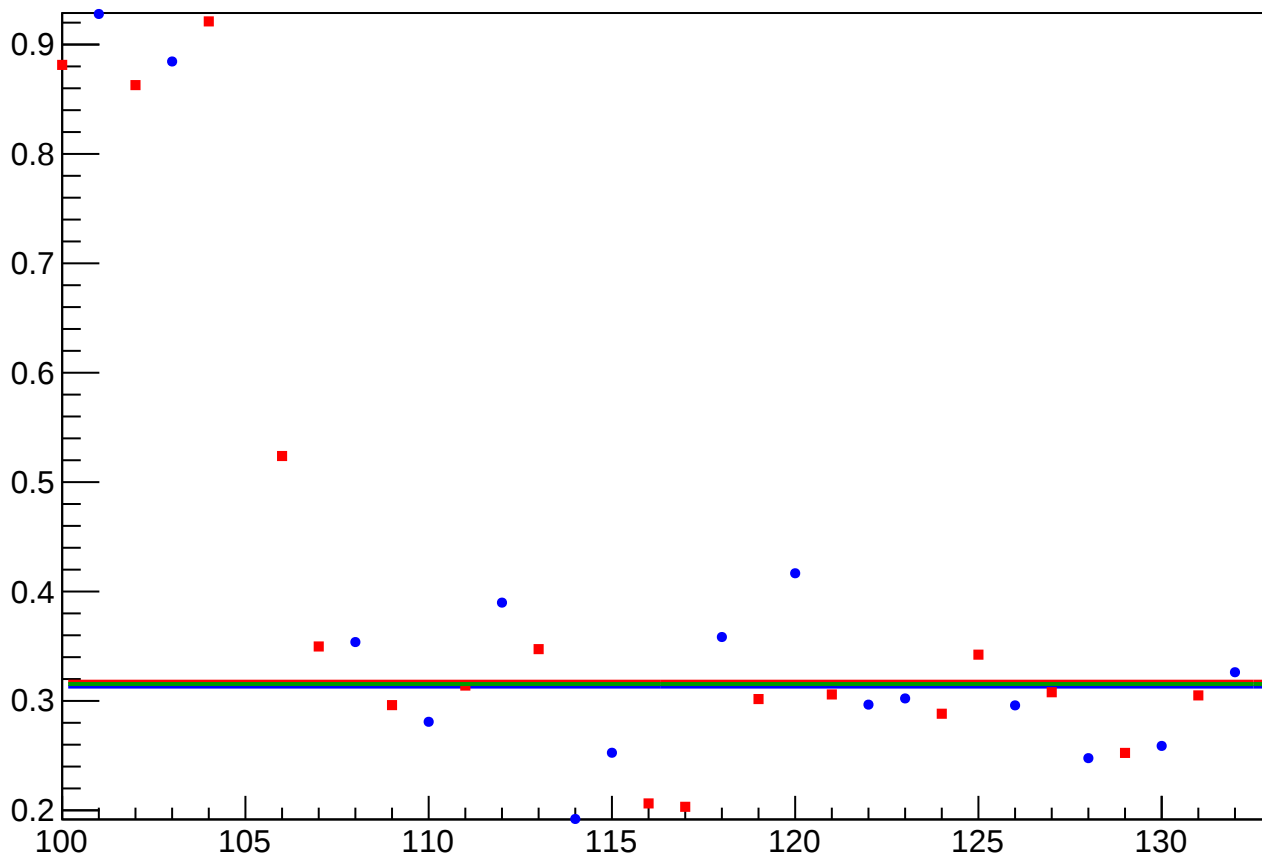
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.763+/-0.000 χ^2/NDF : 3231865521.8/14

143.543+/-0.000 χ^2/NDF : 7756847607.4/17

144.243+/-0.000 χ^2/NDF : 4470850171.8/17

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: 0.318+/-0.000 χ^2/NDF : 1226766.3/17

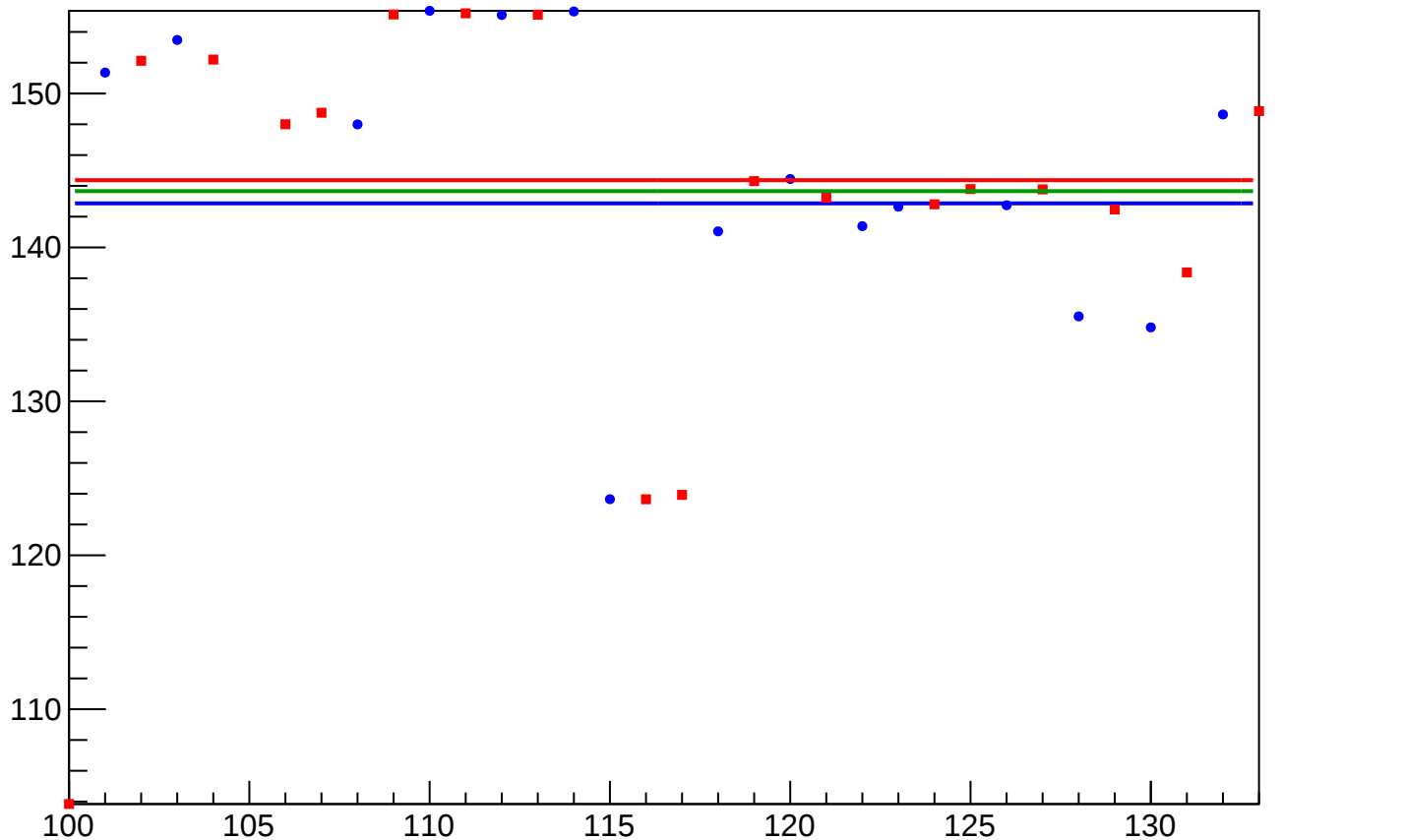
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1266496.4/14

0.315+/-0.000 χ^2/NDF : 2494248.0/32

0.318+/-0.000 χ^2/NDF : 1226766.3/17

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: 144.371+/-0.000 χ^2/NDF : 4499309469.4/17

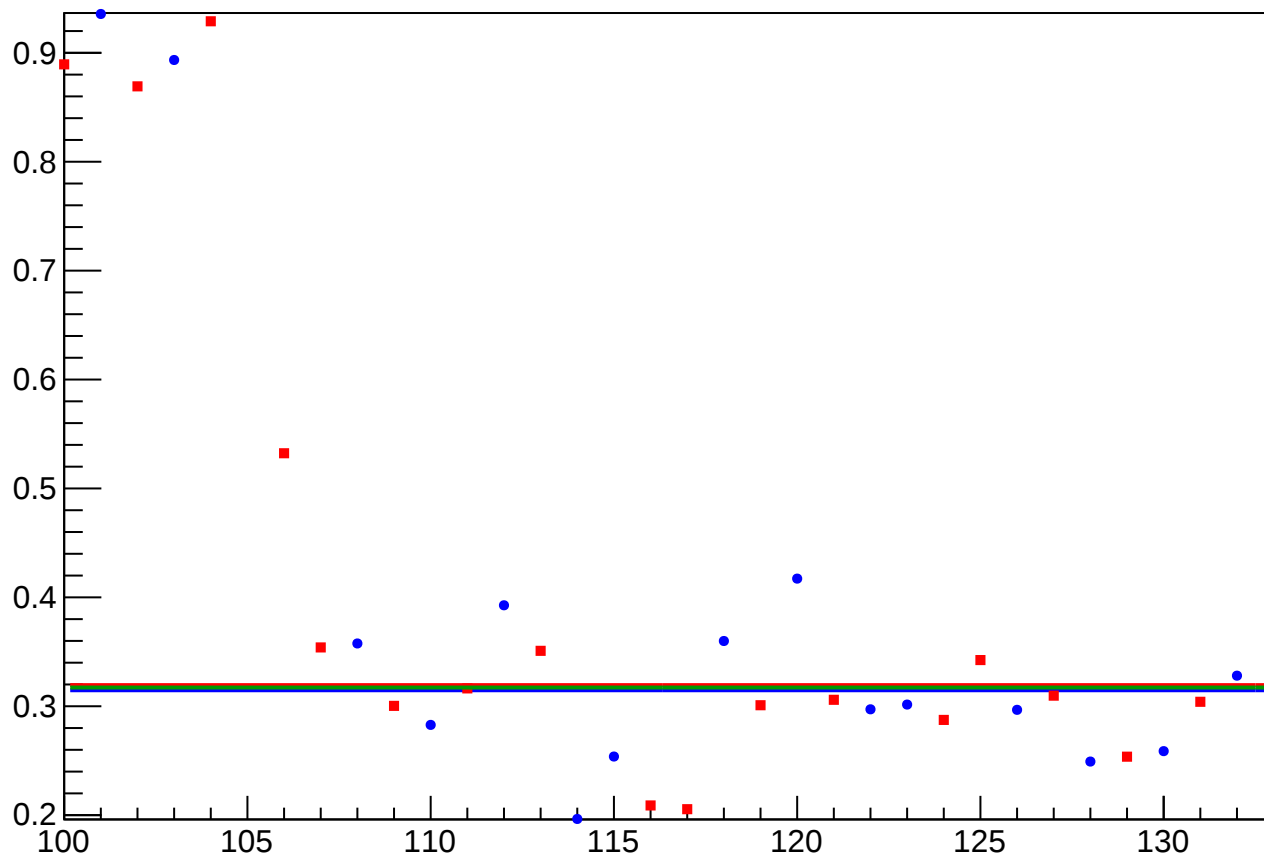
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.862+/-0.000 χ^2/NDF : 3255771690.9/14

143.657+/-0.000 χ^2/NDF : 7810708037.0/14

144.371+/-0.000 χ^2/NDF : 4499309469.4/17

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: 0.319+/-0.000 χ^2/NDF : 1229105.7/17

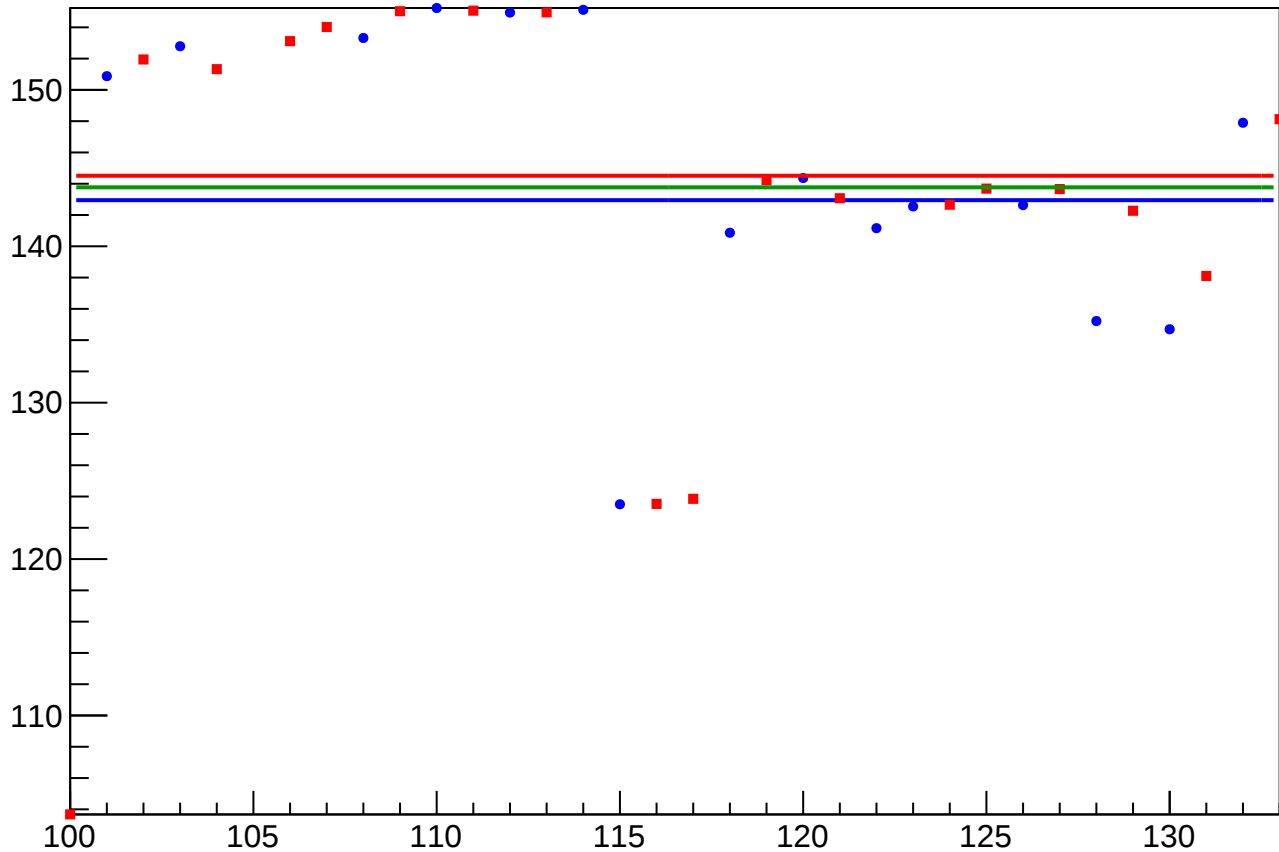
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1267794.2/14

0.317+/-0.000 χ^2/NDF : 2497974.9/32

0.319+/-0.000 χ^2/NDF : 1229105.7/17

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.949+/-0.000 χ^2/NDF : 3484337655.1/14

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

Right Out: 144.510+/-0.000 χ^2/NDF : 4763702745.8/17

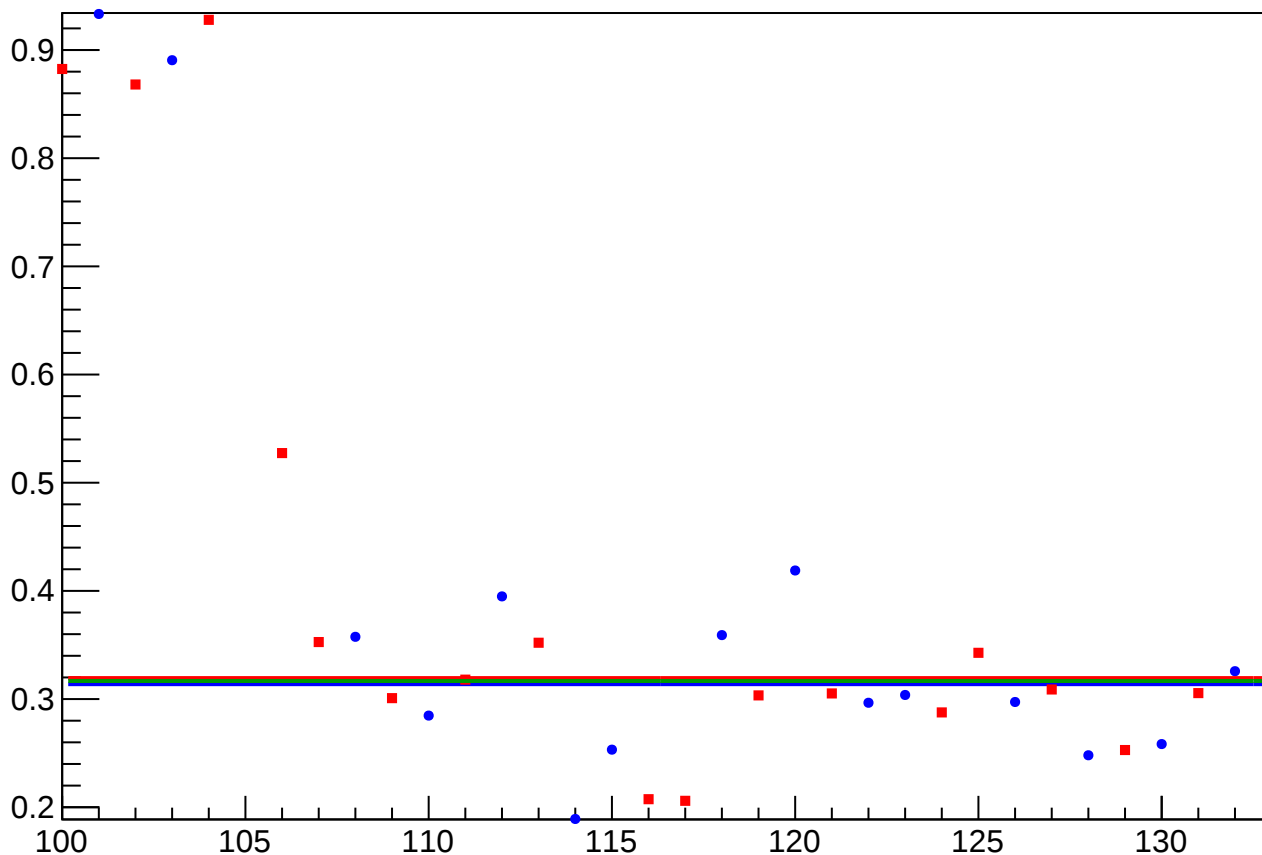
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.949+/-0.000 χ^2/NDF : 3484337655.1/14

143.770+/-0.000 χ^2/NDF : 8307705149.8/17

144.510+/-0.000 χ^2/NDF : 4763702745.8/17

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: 0.319+/-0.000 χ^2/NDF : 1230067.4/17

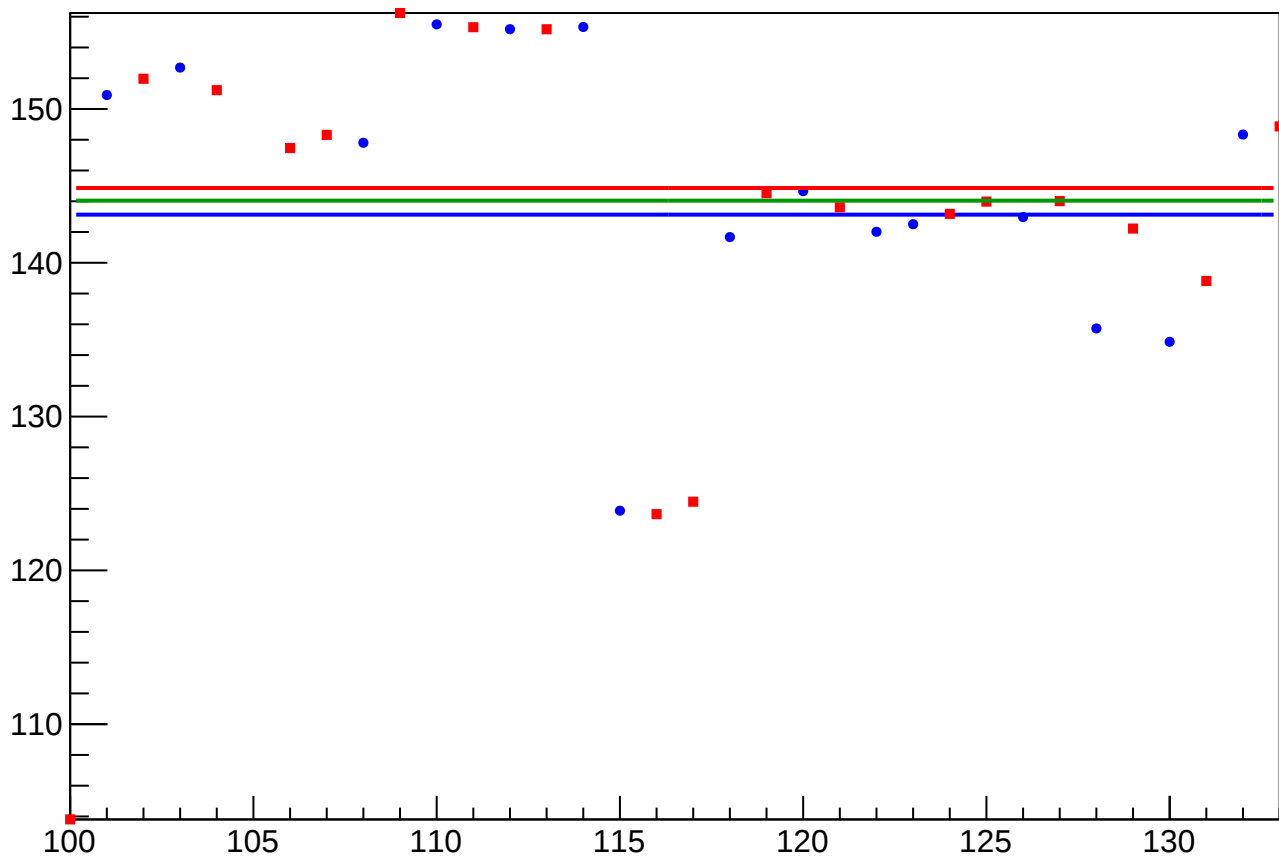
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1281282.8/14

0.317+/-0.000 χ^2/NDF : 2512893.8/32

0.319+/-0.000 χ^2/NDF : 1230067.4/17

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: 144.863+/-0.000 χ^2/NDF : 4043508584.7/17

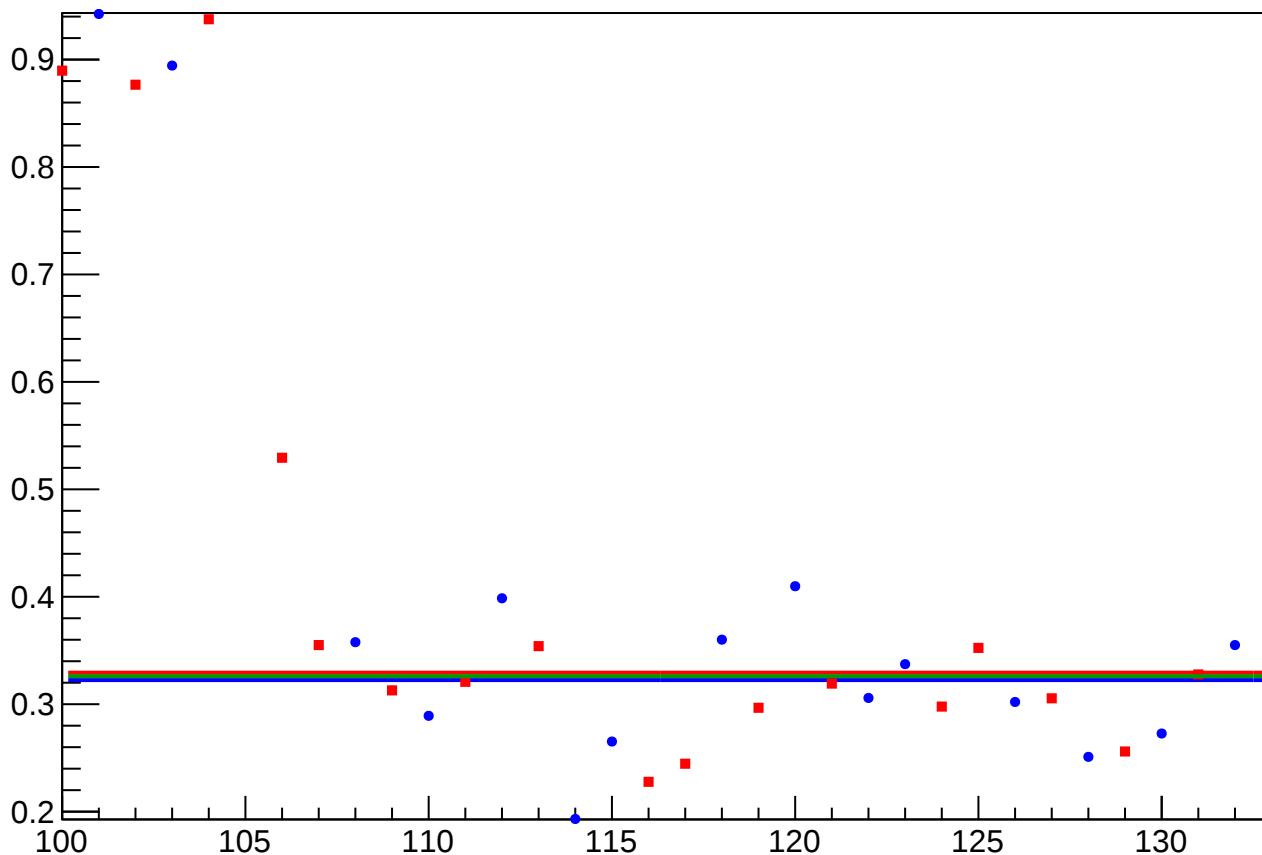
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.130+/-0.000 χ^2/NDF : 2992751631.7/14

144.040+/-0.000 χ^2/NDF : 7105803952.2/14

144.863+/-0.000 χ^2/NDF : 4043508584.7/17

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: 0.329+/-0.000 χ^2/NDF : 1176533.9/17

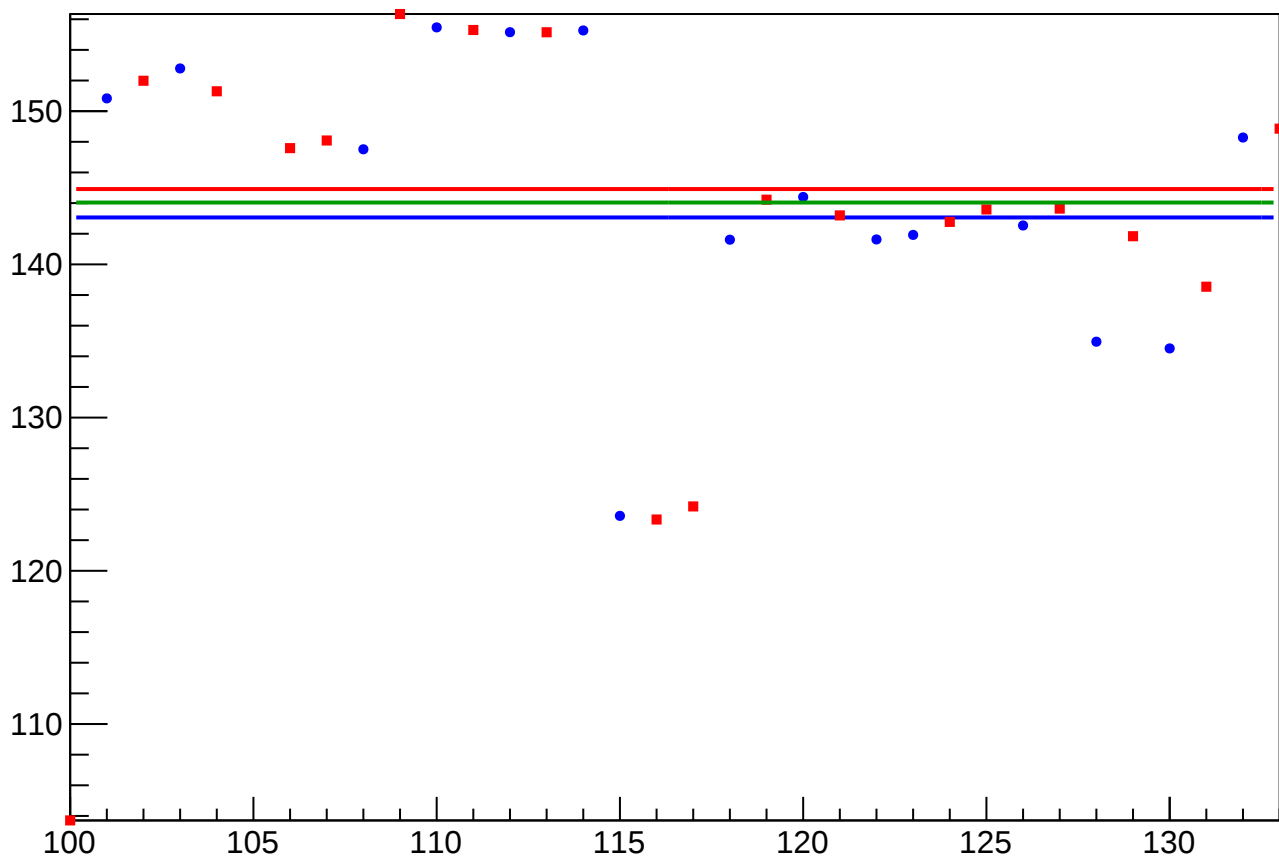
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.322+/-0.000 χ^2/NDF : 1242686.9/14

0.326+/-0.000 χ^2/NDF : 2421425.1/32

0.329+/-0.000 χ^2/NDF : 1176533.9/17

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: 144.917+/-0.000 χ^2/NDF : 4083352498.4/17

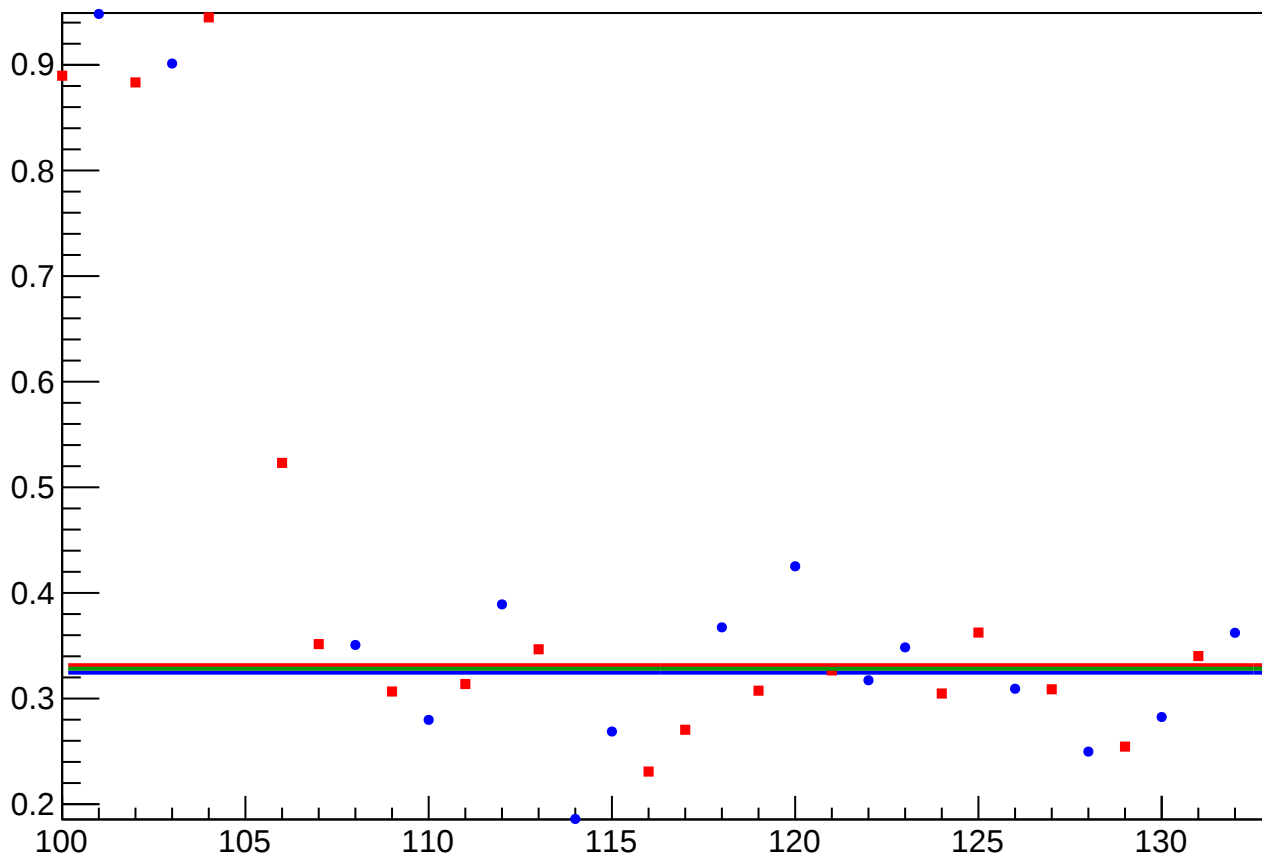
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.063+/-0.000 χ^2/NDF : 3142283908.2/14

144.036+/-0.000 χ^2/NDF : 7303992456.9/14

144.917+/-0.000 χ^2/NDF : 4083352498.4/17

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: 0.332+/-0.000 χ^2/NDF : 1163633.9/17

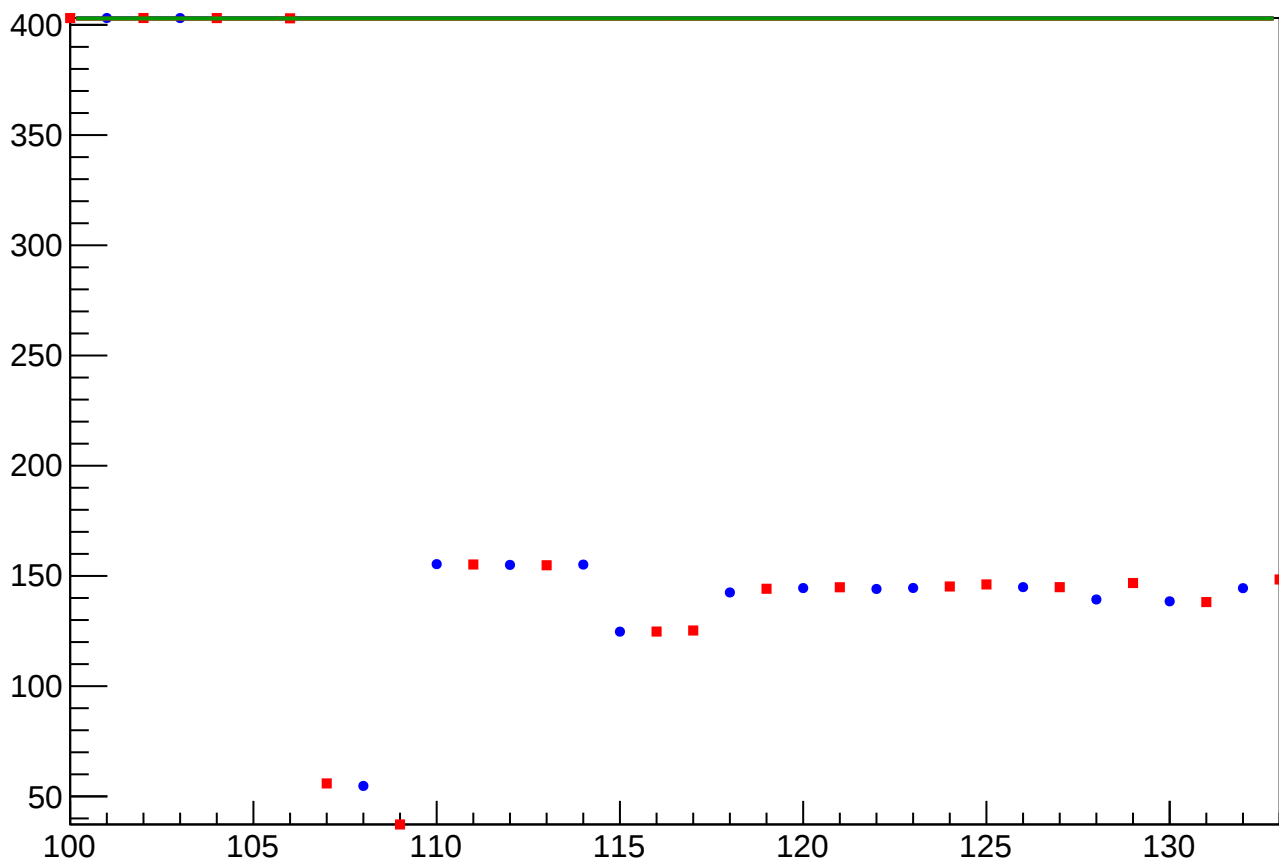
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.325+/-0.000 χ^2/NDF : 1260437.3/14

0.328+/-0.000 χ^2/NDF : 2426347.9/32

0.332+/-0.000 χ^2/NDF : 1163633.9/17

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: 402.818+/-0.000 χ^2/NDF : 2927506526721.1/17

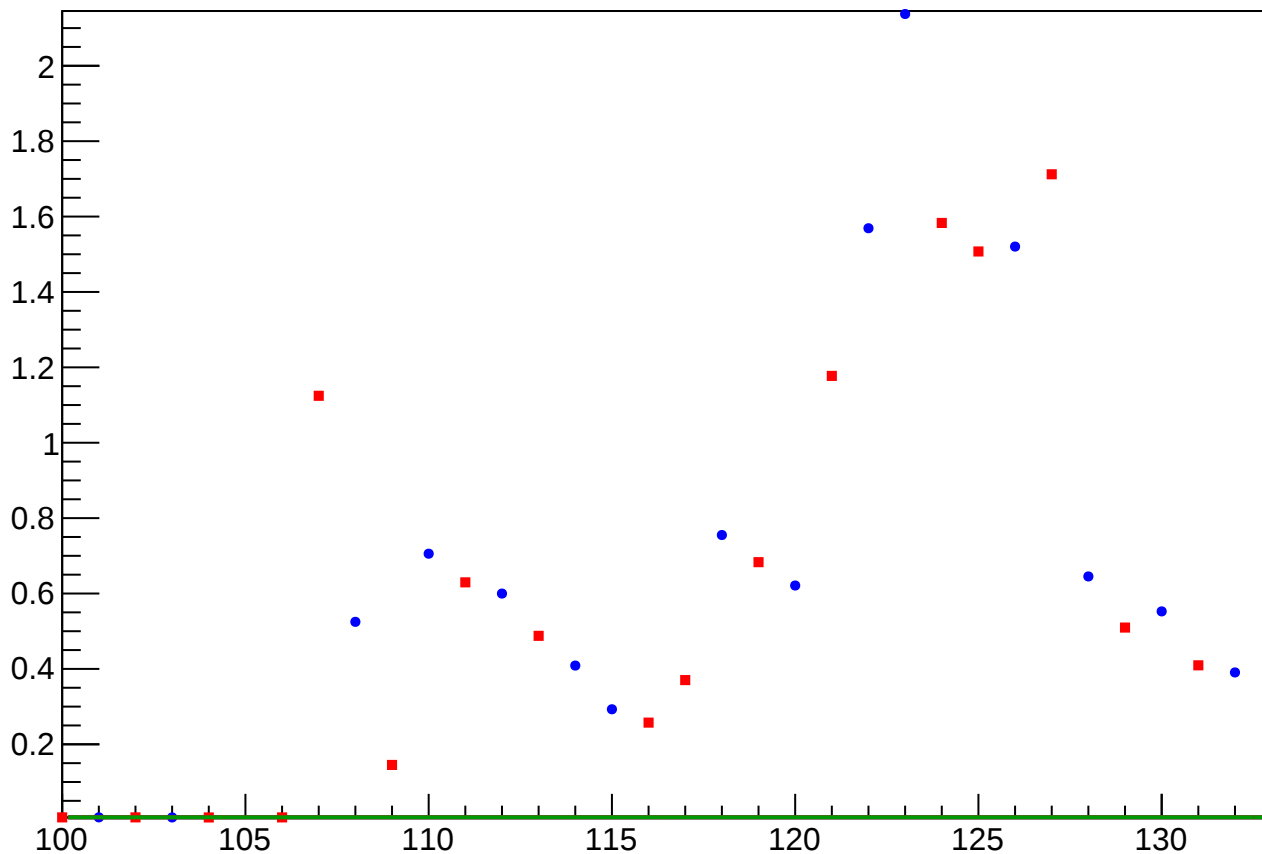
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.993+/-0.000 χ^2/NDF : 810197606435.5/14

402.900+/-0.000 χ^2/NDF : 373821312362

402.818+/-0.000 χ^2/NDF : 2927506526721.1/17

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 : 8081514.1/17

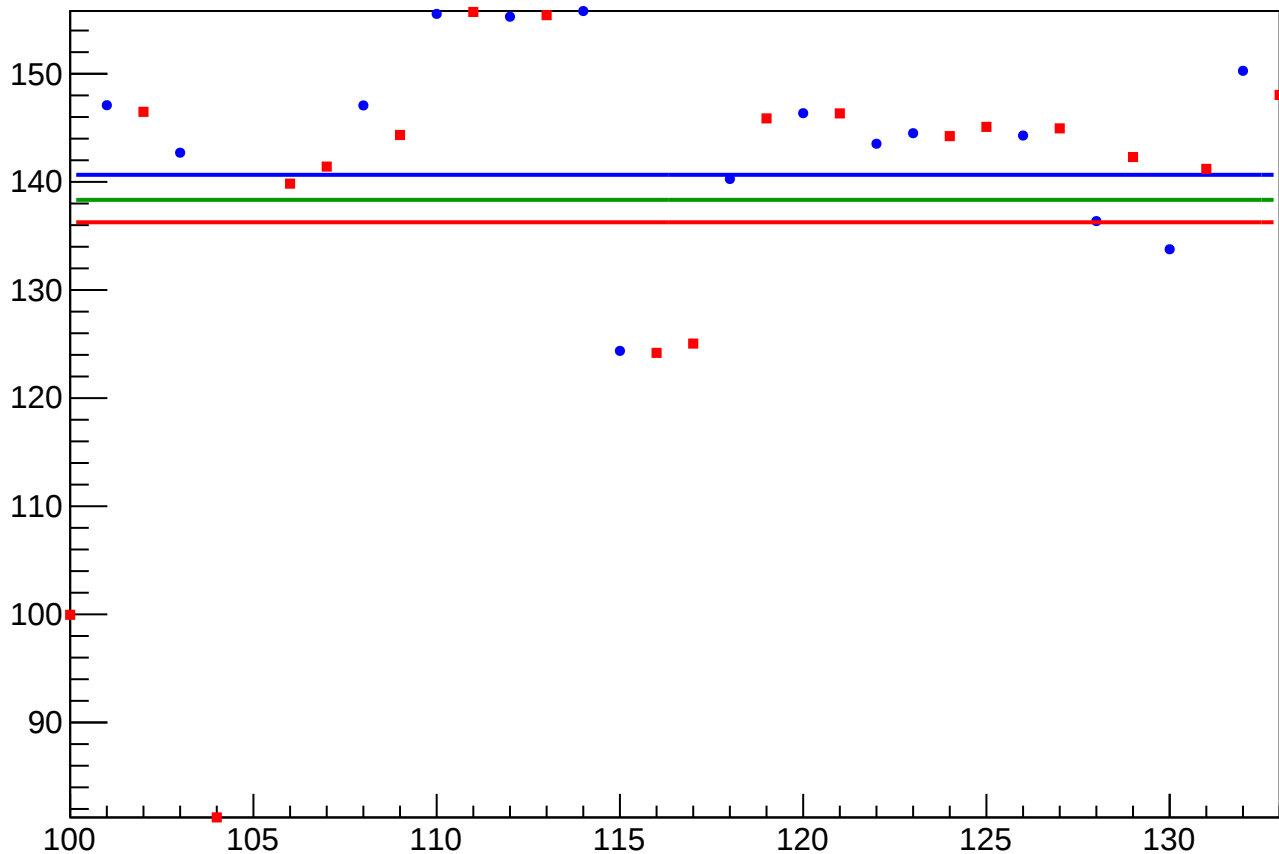
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7279008.8/14

0.006+/-0.000 χ^2/NDF : 15360535.0/32

0.006+/-0.000 χ^2/NDF : 8081514.1/17

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: 136.264+/-0.000 χ^2/NDF : 1265804690.3/17

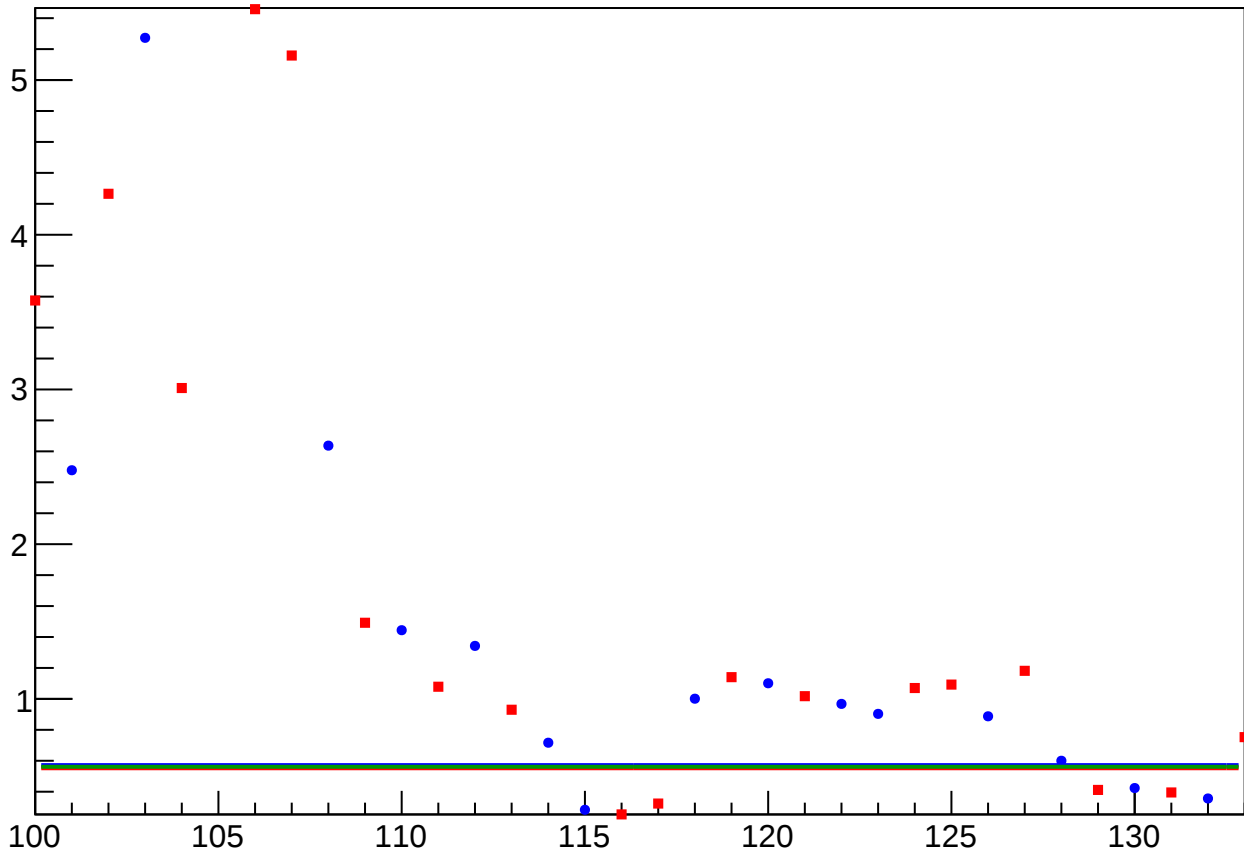
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.655+/-0.000 χ^2/NDF : 907920823.5/14

138.339+/-0.000 χ^2/NDF : 2264957315.6/17

136.264+/-0.000 χ^2/NDF : 1265804690.3/17

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: 0.552+/-0.000 χ^2/NDF : 4700768.4/17

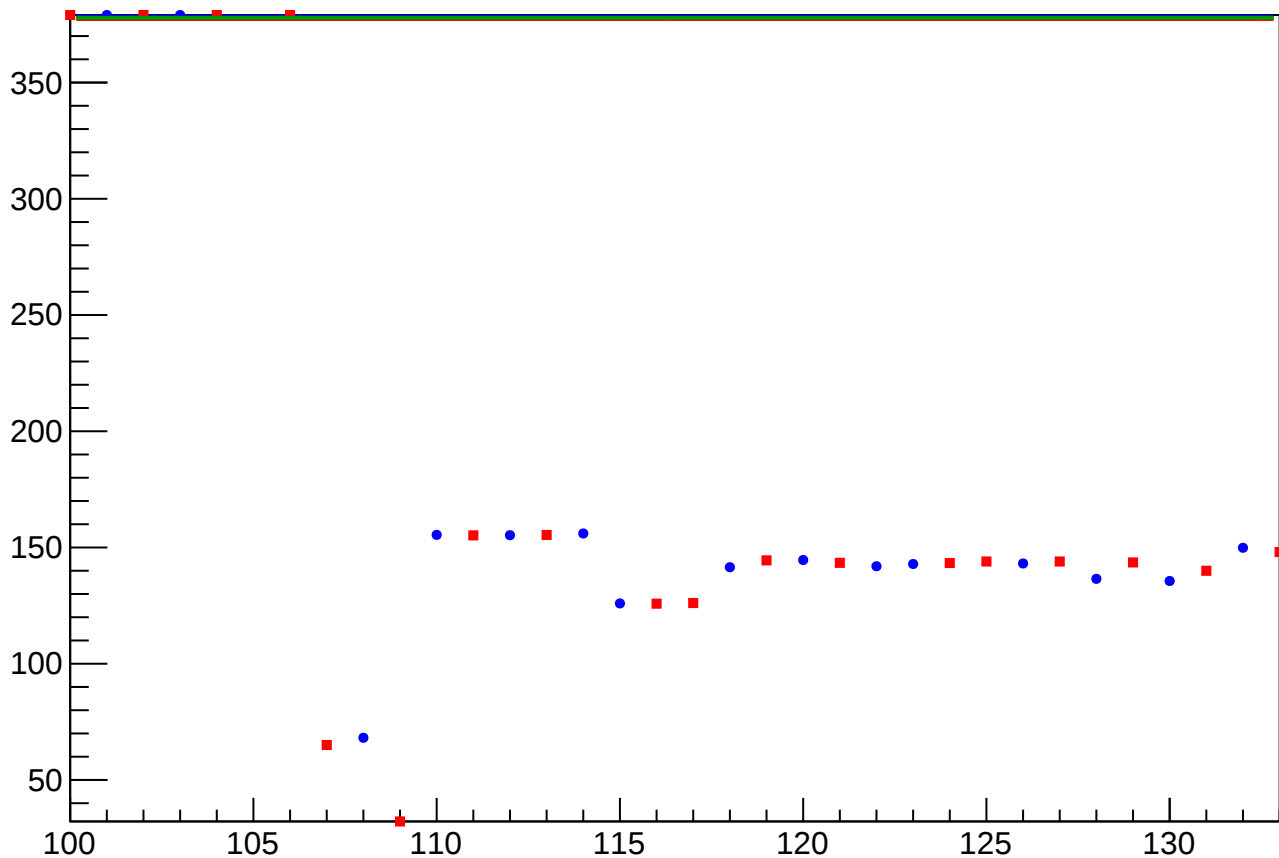
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.572+/-0.000 χ^2/NDF : 3455831.4/14

0.561+/-0.000 χ^2/NDF : 8160459.8/32

0.552+/-0.000 χ^2/NDF : 4700768.4/17

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: 377.339+/-0.000 χ^2/NDF : 8105358965409.7/17

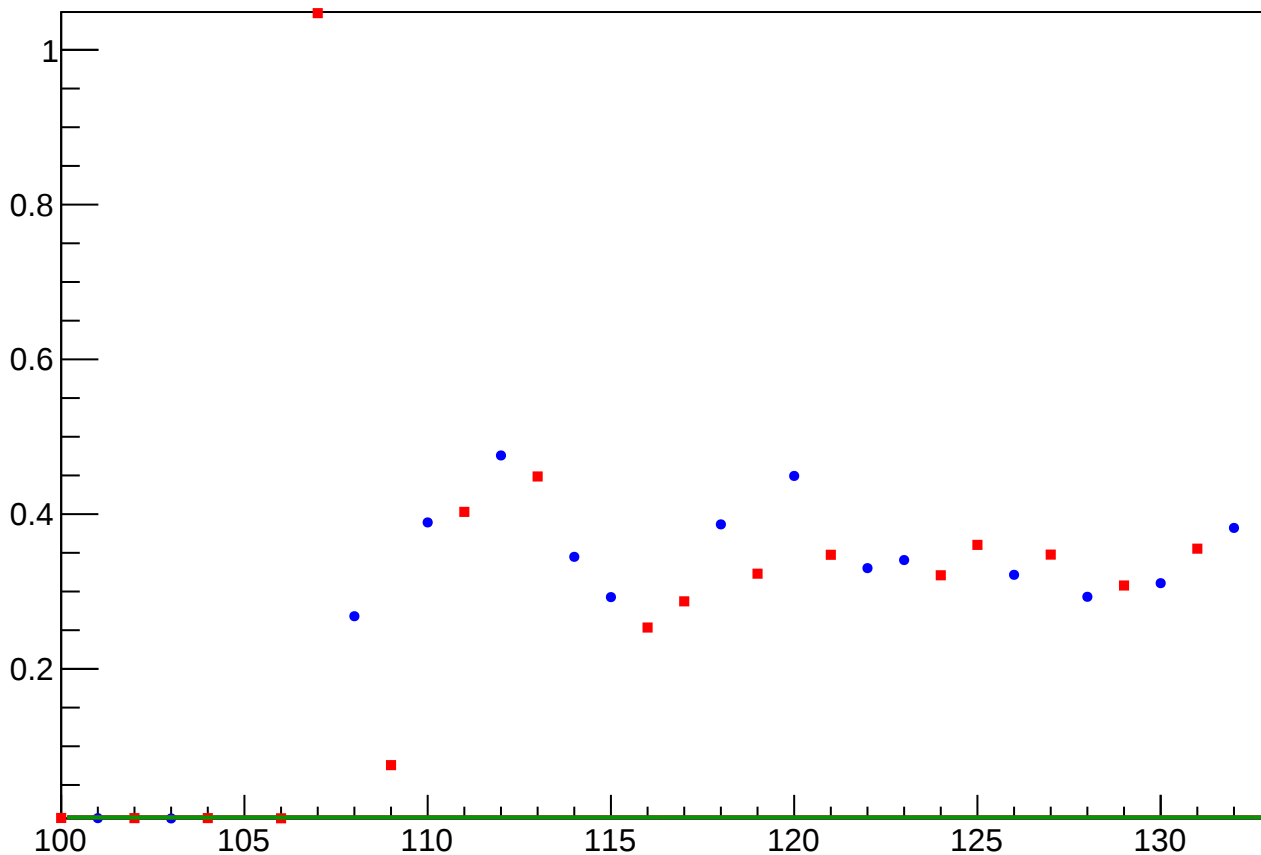
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.397+/-0.000 χ^2/NDF : 2158822501986.8/14

377.833+/-0.000 χ^2/NDF : 102721243827

377.339+/-0.000 χ^2/NDF : 8105358965409.7/17

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 : 8395494.7/17

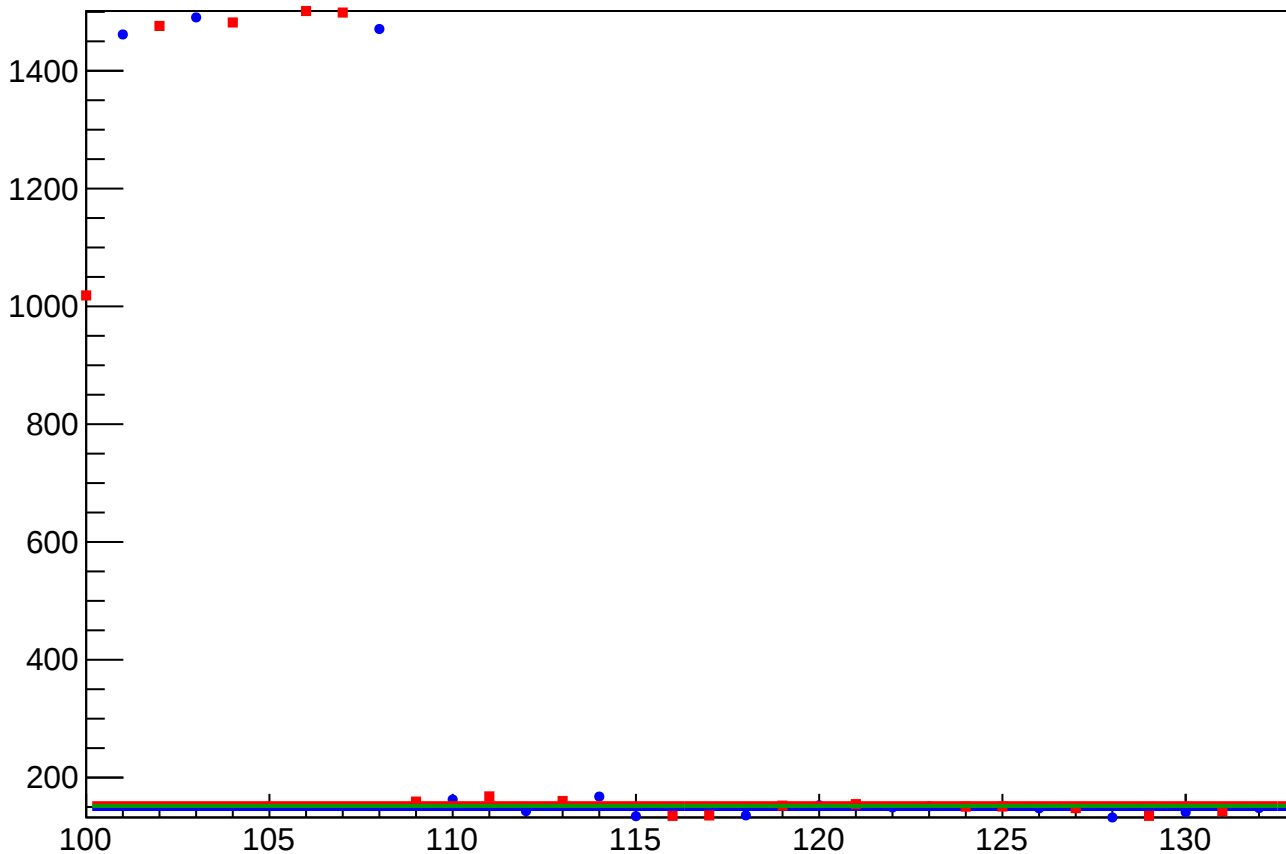
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7961289.7/14

0.008+/-0.000 χ^2/NDF : 16356988.8/32

0.008+/-0.000 χ^2/NDF : 8395494.7/17

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.632 $\pm$ 0.000 χ^2 /NDF: 24344041153.1/14

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

Right Out: 156.544 $\pm$ 0.000 χ^2 /NDF: 33403754166.9/17

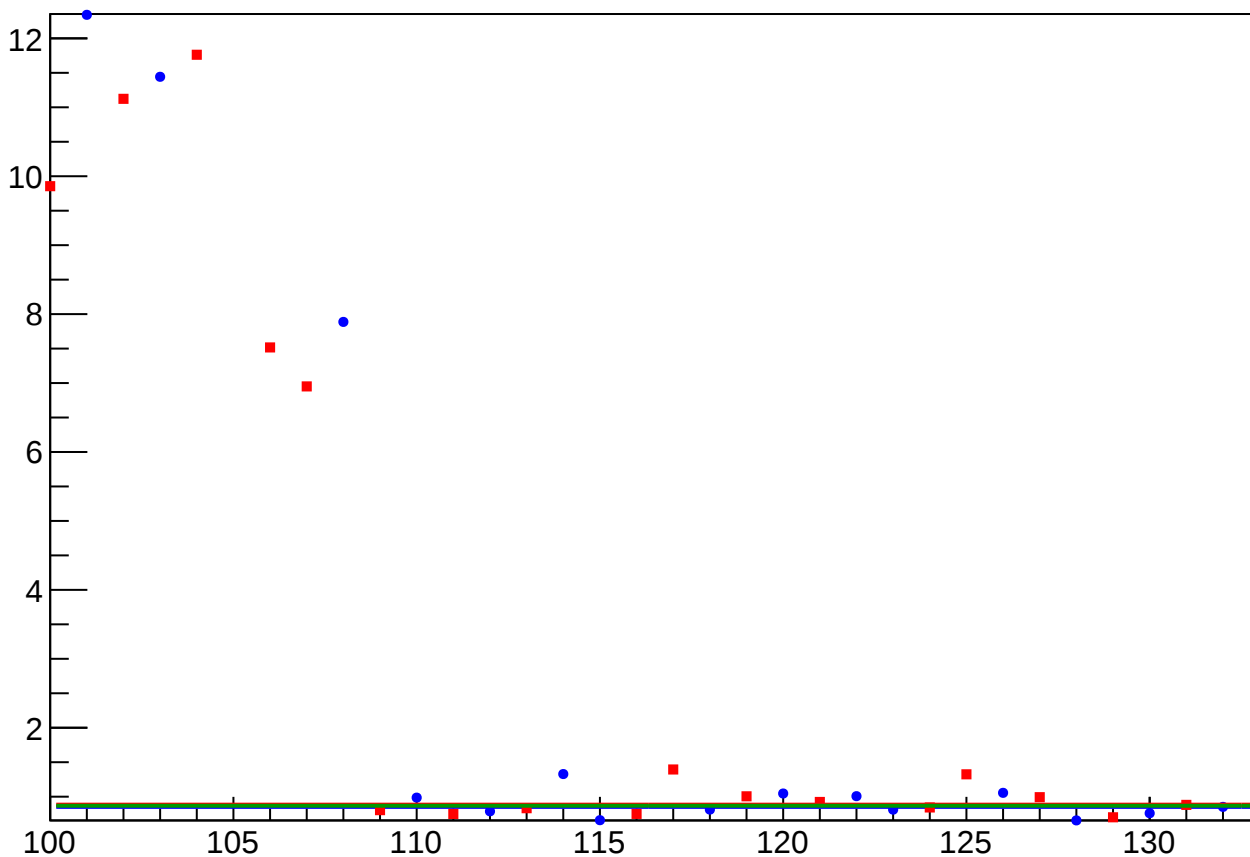
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146.632 $\pm$ 0.000 χ^2 /NDF: 24344041153.1/14

151.740 $\pm$ 0.000 χ^2 /NDF: 57970968934.3

156.544 $\pm$ 0.000 χ^2 /NDF: 33403754166.9/17

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: 0.884+/-0.000 χ^2/NDF : 2787699.4/17

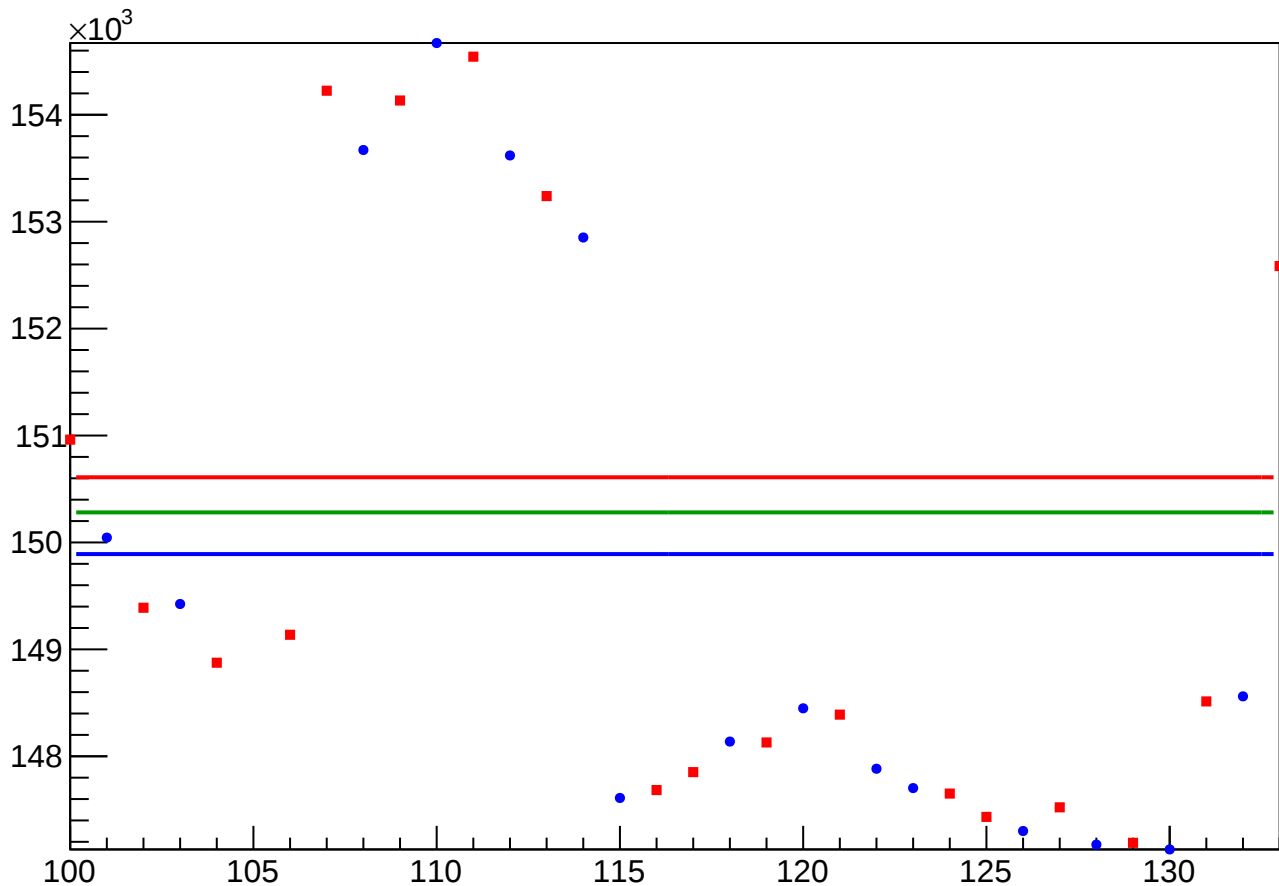
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.852+/-0.000 χ^2/NDF : 2662832.6/14

0.869+/-0.000 χ^2/NDF : 5455129.4/32

0.884+/-0.000 χ^2/NDF : 2787699.4/17

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: 150609.578 $\pm$ 0.061 χ^2 /NDF: 2371678282.0/17

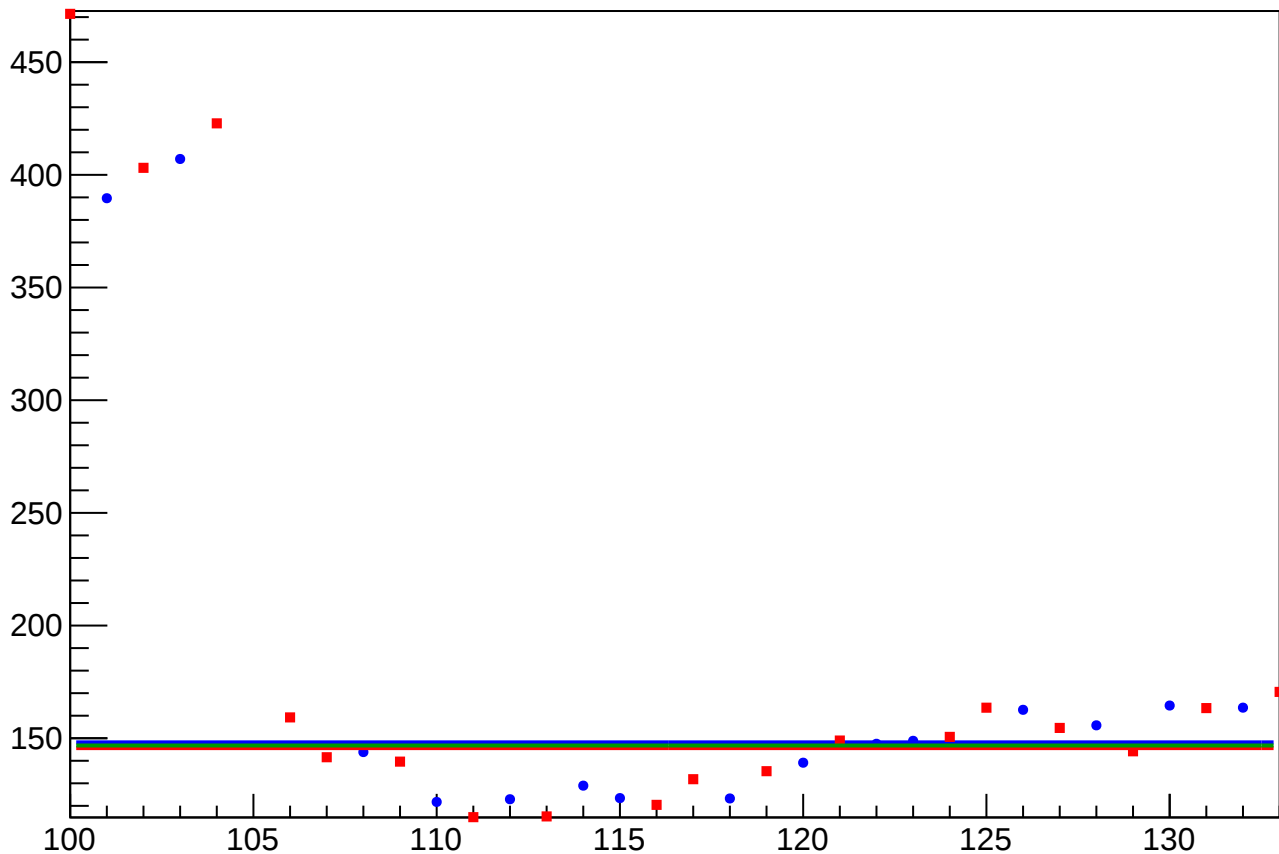
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149891.229 $\pm$ 0.067 χ^2 /NDF: 1868738125.2/14

150281.025 $\pm$ 0.045 χ^2 /NDF: 430348399

150609.578 $\pm$ 0.061 χ^2 /NDF: 2371678282.0/17

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: 145.617+/-0.043 χ^2/NDF : 1124612.4/17

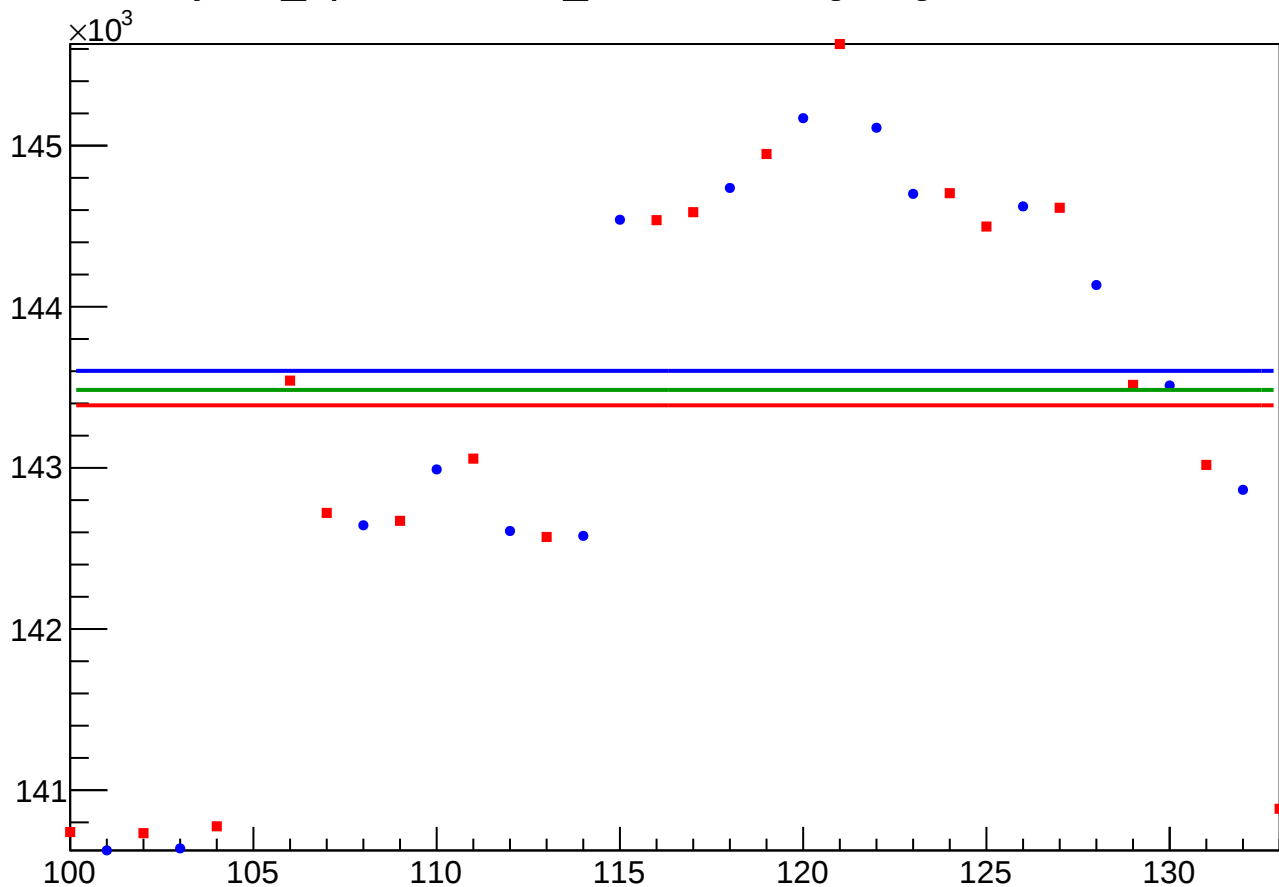
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.174+/-0.047 χ^2/NDF : 1058684.1/14

146.787+/-0.032 χ^2/NDF : 2184894.9/32

145.617+/-0.043 χ^2/NDF : 1124612.4/17

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: 143388.330 $\pm$ 0.050 χ^2 /NDF: 555091940.8/17

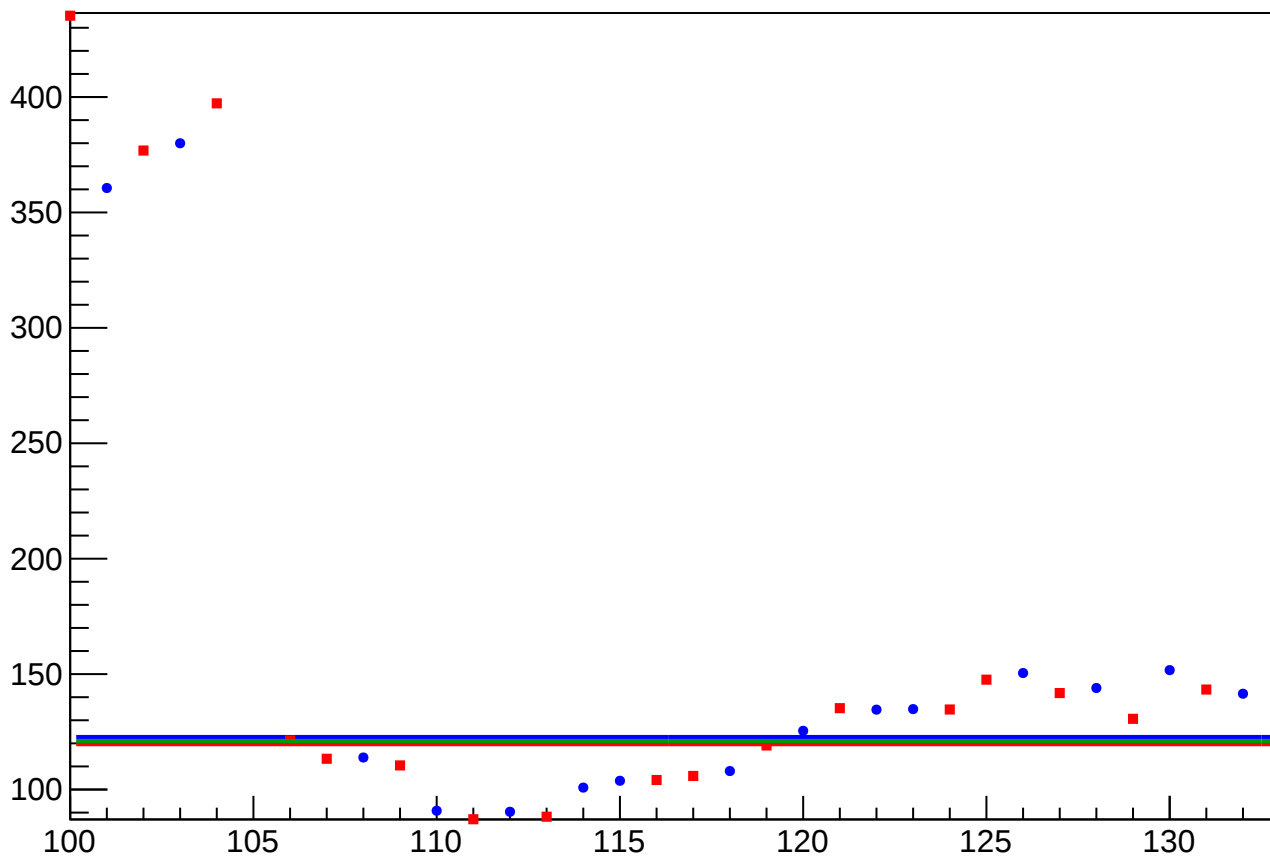
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

143602.316 $\pm$ 0.056 χ^2 /NDF: 381188034.7/14

143483.946 $\pm$ 0.037 χ^2 /NDF: 944340080

143388.330 $\pm$ 0.050 χ^2 /NDF: 555091940.8/17

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 122.775+/-0.040 χ^2/NDF : 1362773.0/14

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

Right Out: 119.610+/-0.036 χ^2/NDF : 1410587.2/17

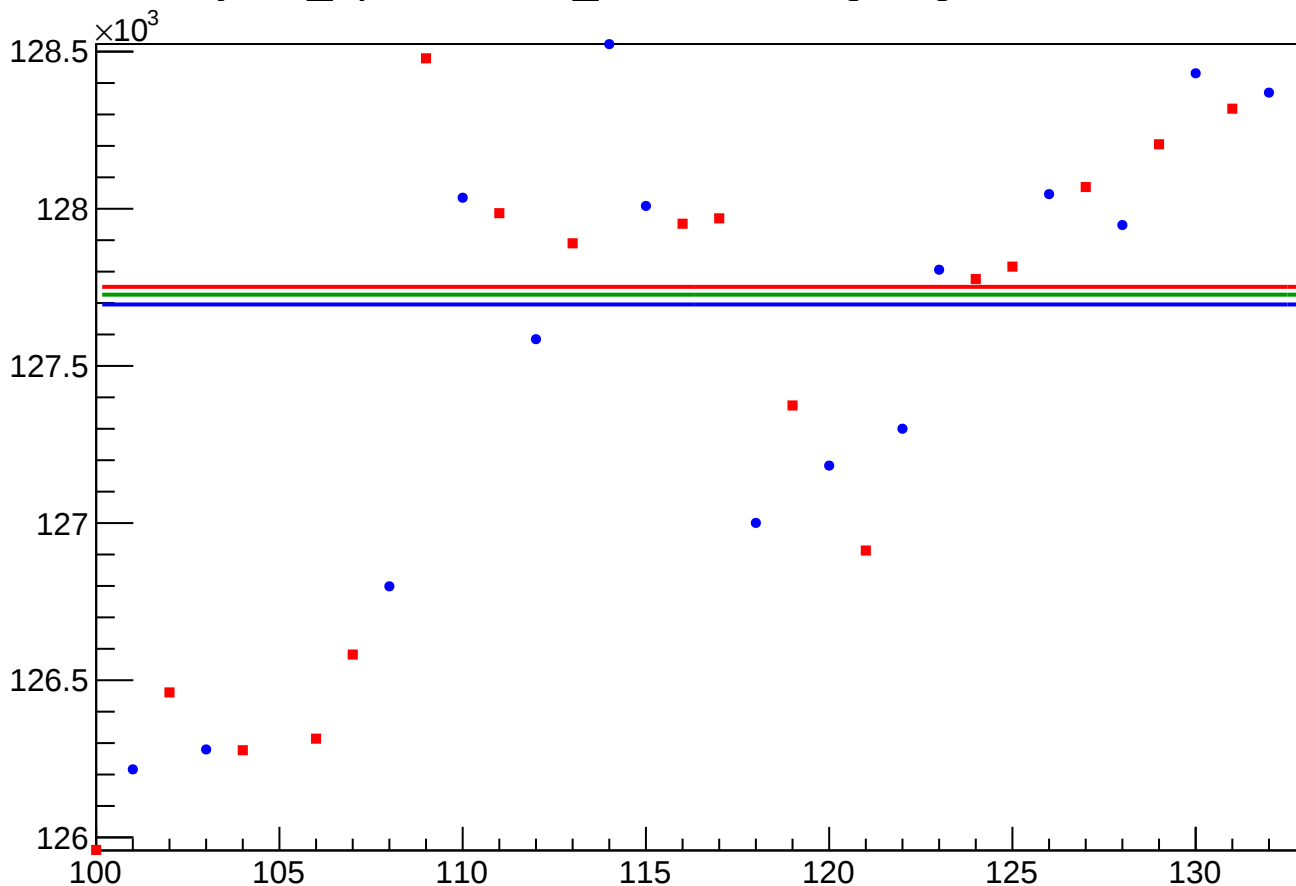
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.775+/-0.040 χ^2/NDF : 1362773.0/14

121.024+/-0.026 χ^2/NDF : 2776887.4/32

119.610+/-0.036 χ^2/NDF : 1410587.2/17

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

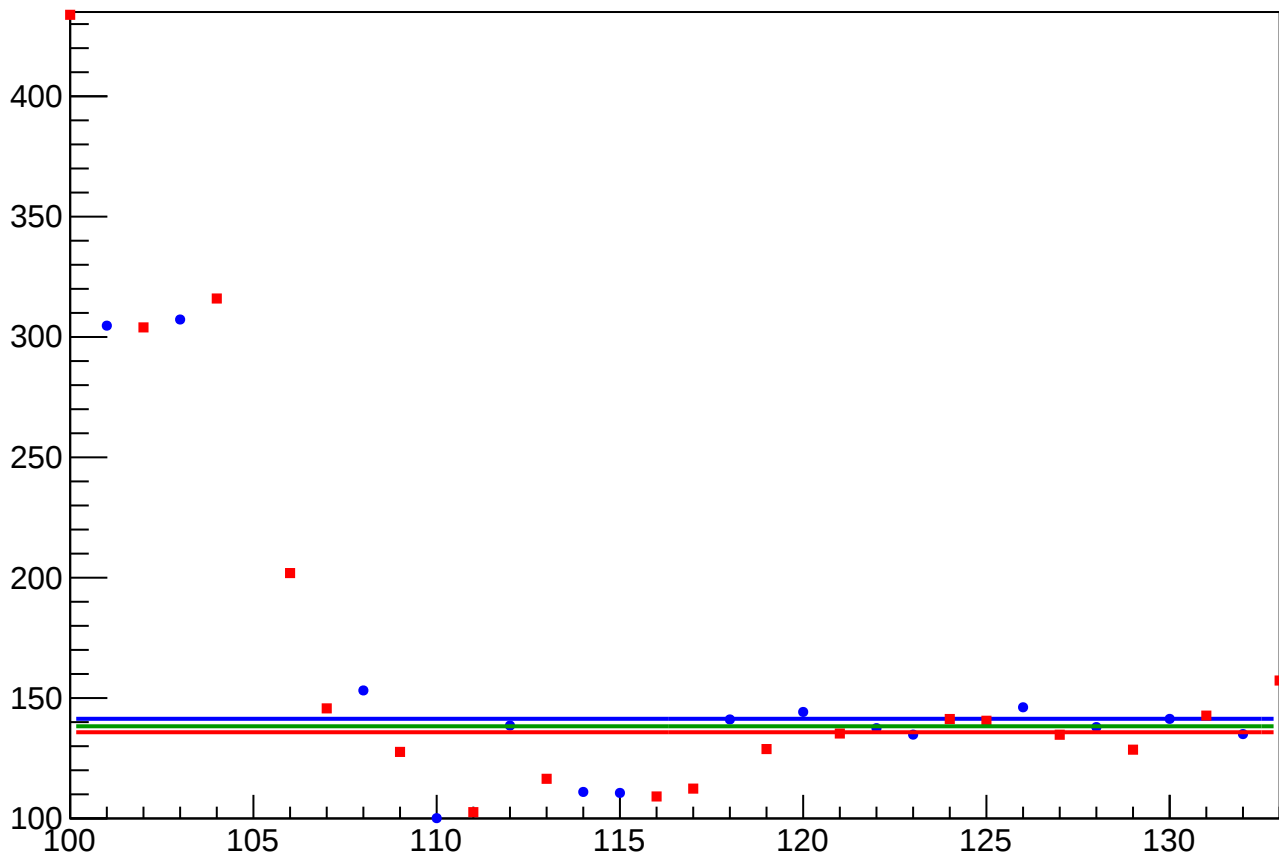
Right Out: 127751.598 $\pm$ 0.056 χ^2 /NDF: 109472894.4/17

127726.706 $\pm$ 0.042 χ^2 /NDF: 205300202

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

127751.598 $\pm$ 0.056 χ^2 /NDF: 109472894.4/17

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: 135.794 $\pm$ 0.040 χ^2 /NDF: 949088.8/17

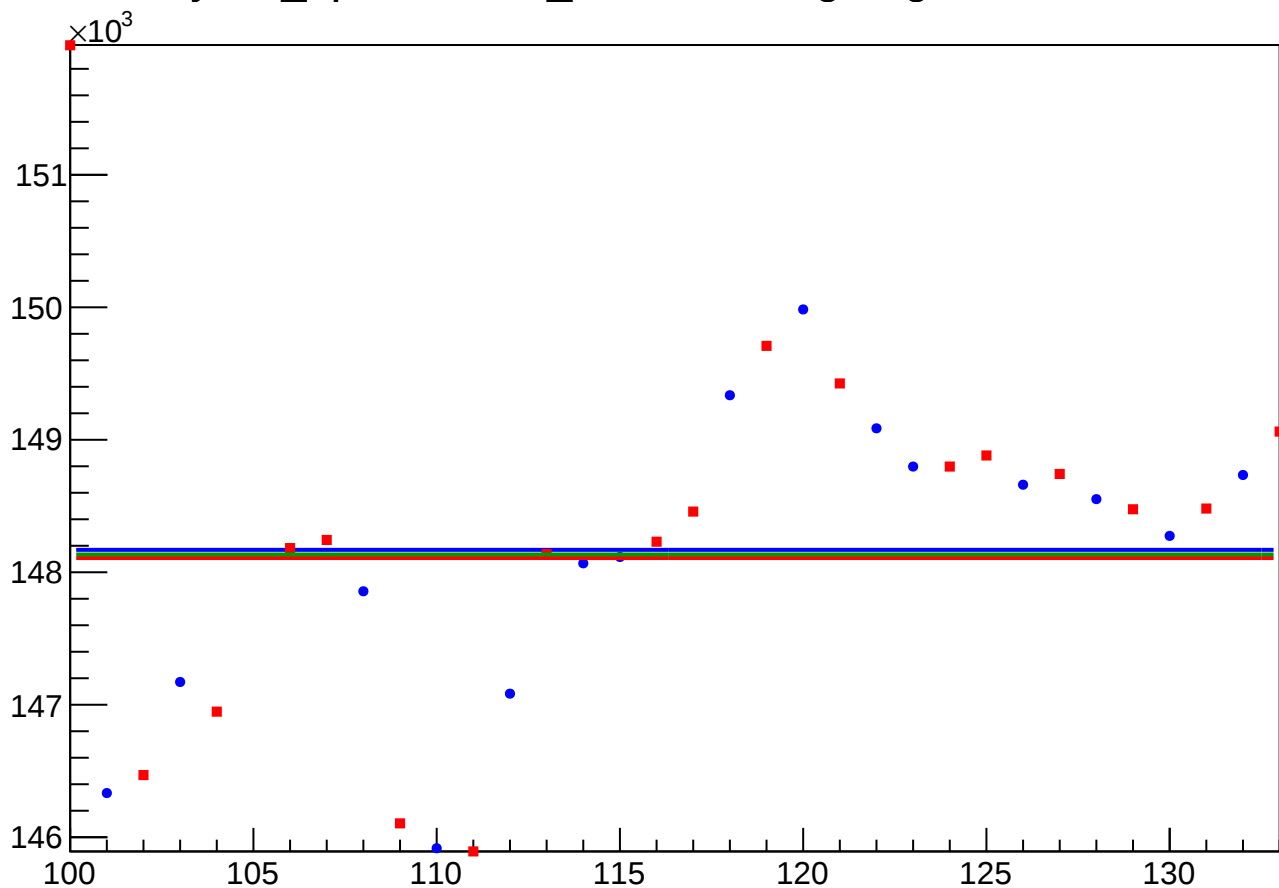
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.384 $\pm$ 0.045 χ^2 /NDF: 824838.4/14

138.274 $\pm$ 0.030 χ^2 /NDF: 1782661.8/32

135.794 $\pm$ 0.040 χ^2 /NDF: 949088.8/17

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: 148107.321 $\pm$ 0.079 χ^2 /NDF: 221524936.8/17

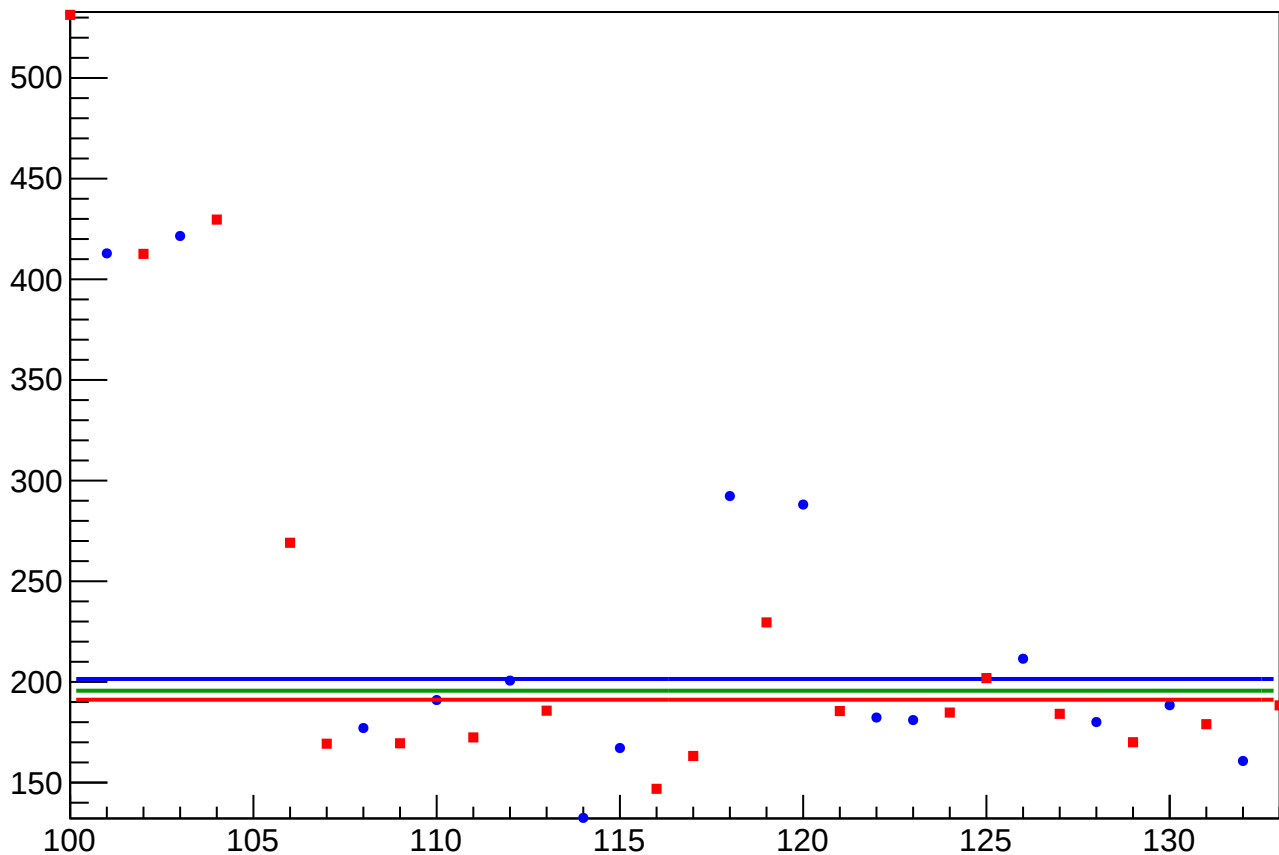
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148169.296 $\pm$ 0.090 χ^2 /NDF: 113013952.2/14

148134.276 $\pm$ 0.060 χ^2 /NDF: 334804195

148107.321 $\pm$ 0.079 χ^2 /NDF: 221524936.8/17

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: 191.158+/-0.056 χ^2/NDF : 843991.2/17

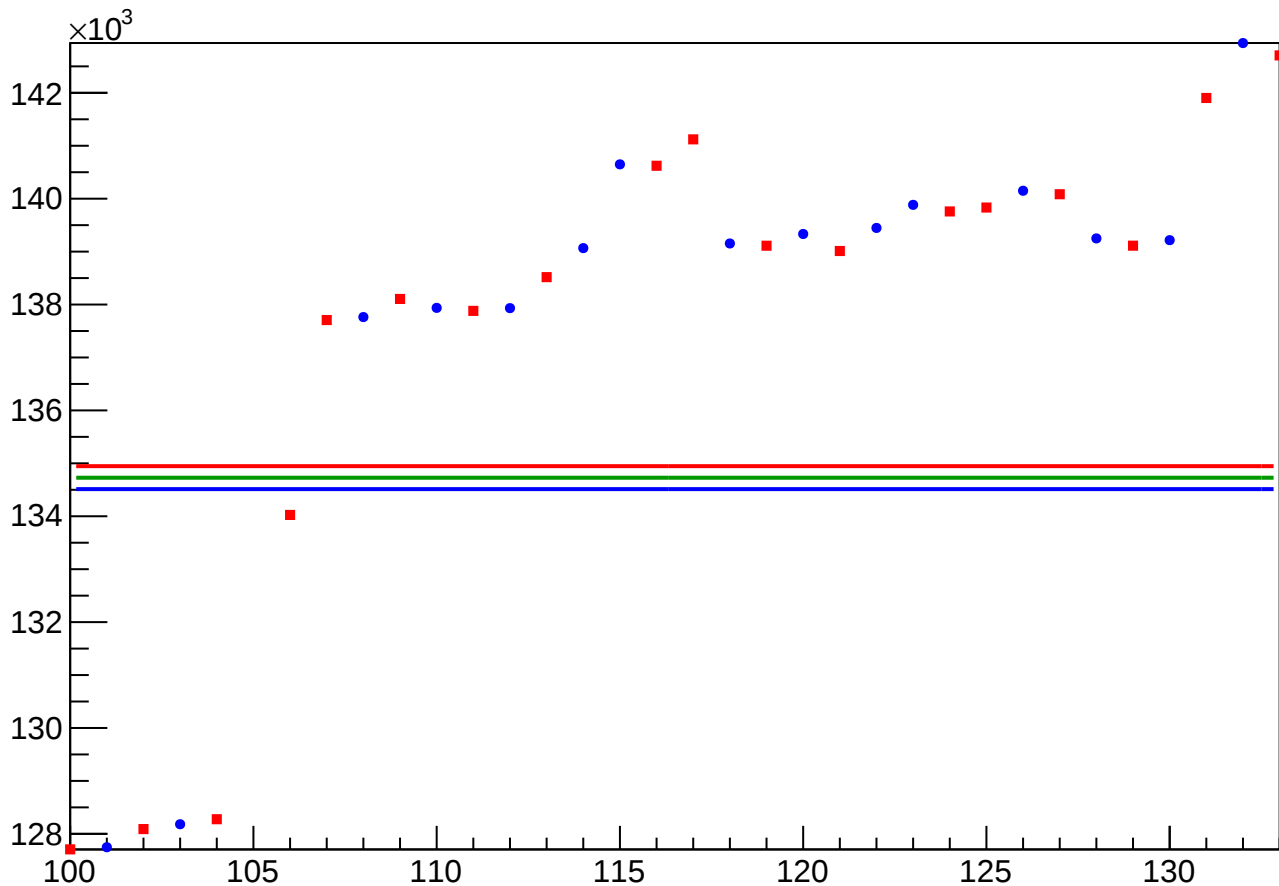
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.464+/-0.064 χ^2/NDF : 934258.9/14

195.640+/-0.042 χ^2/NDF : 1792921.6/32

191.158+/-0.056 χ^2/NDF : 843991.2/17

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: 134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

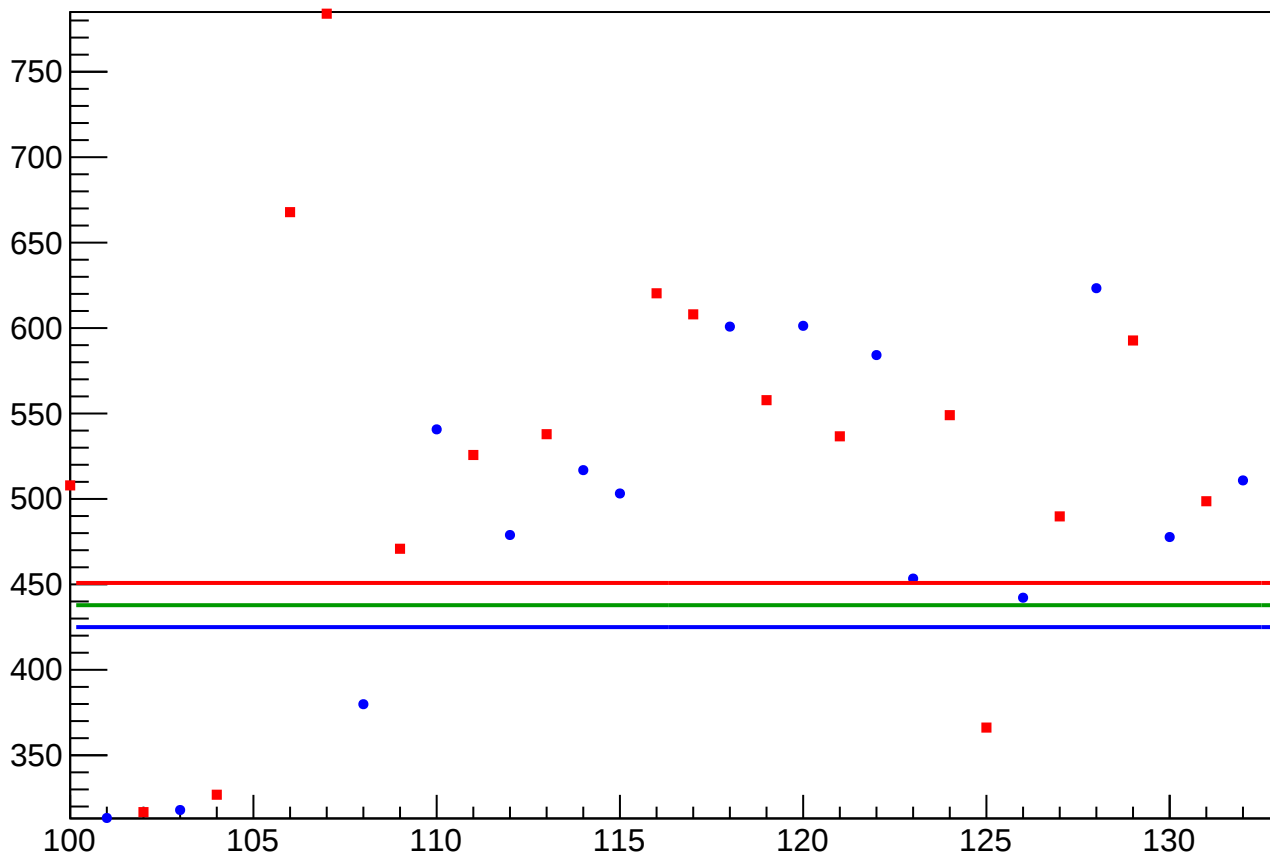
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134512.794 $\pm$ 0.192 χ^2 /NDF: 897163765.6/14

134728.121 $\pm$ 0.136 χ^2 /NDF: 170668153

134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

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: 450.839+/-0.136 χ^2/NDF : 845927.0/17

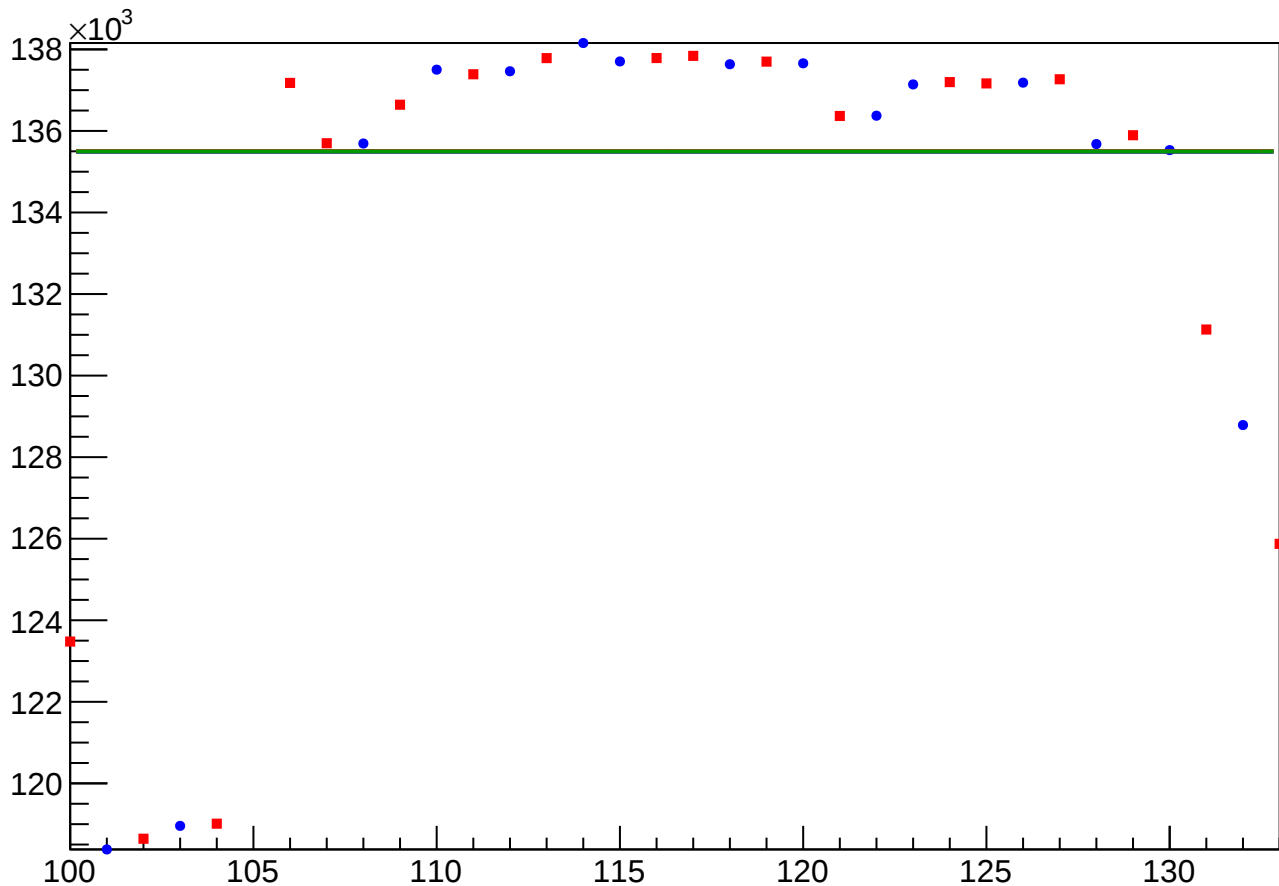
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

424.992+/-0.136 χ^2/NDF : 649210.4/14

437.823+/-0.096 χ^2/NDF : 1513197.2/32

450.839+/-0.136 χ^2/NDF : 845927.0/17

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: 135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

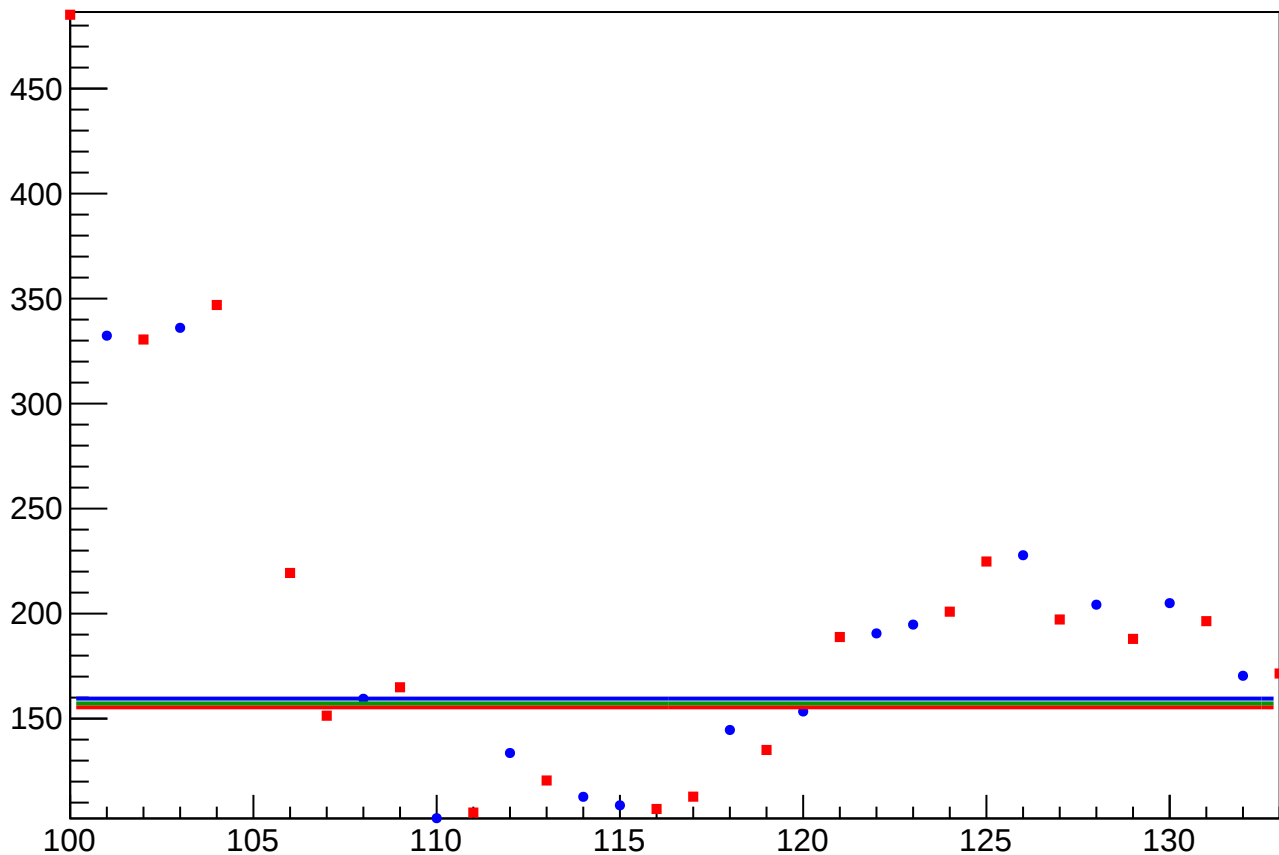
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135490.570 $\pm$ 0.072 χ^2 /NDF: 4072786089.1/14

135497.282 $\pm$ 0.049 χ^2 /NDF: 881482057

135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

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: 155.379+/-0.046 χ^2/NDF : 1313771.9/17

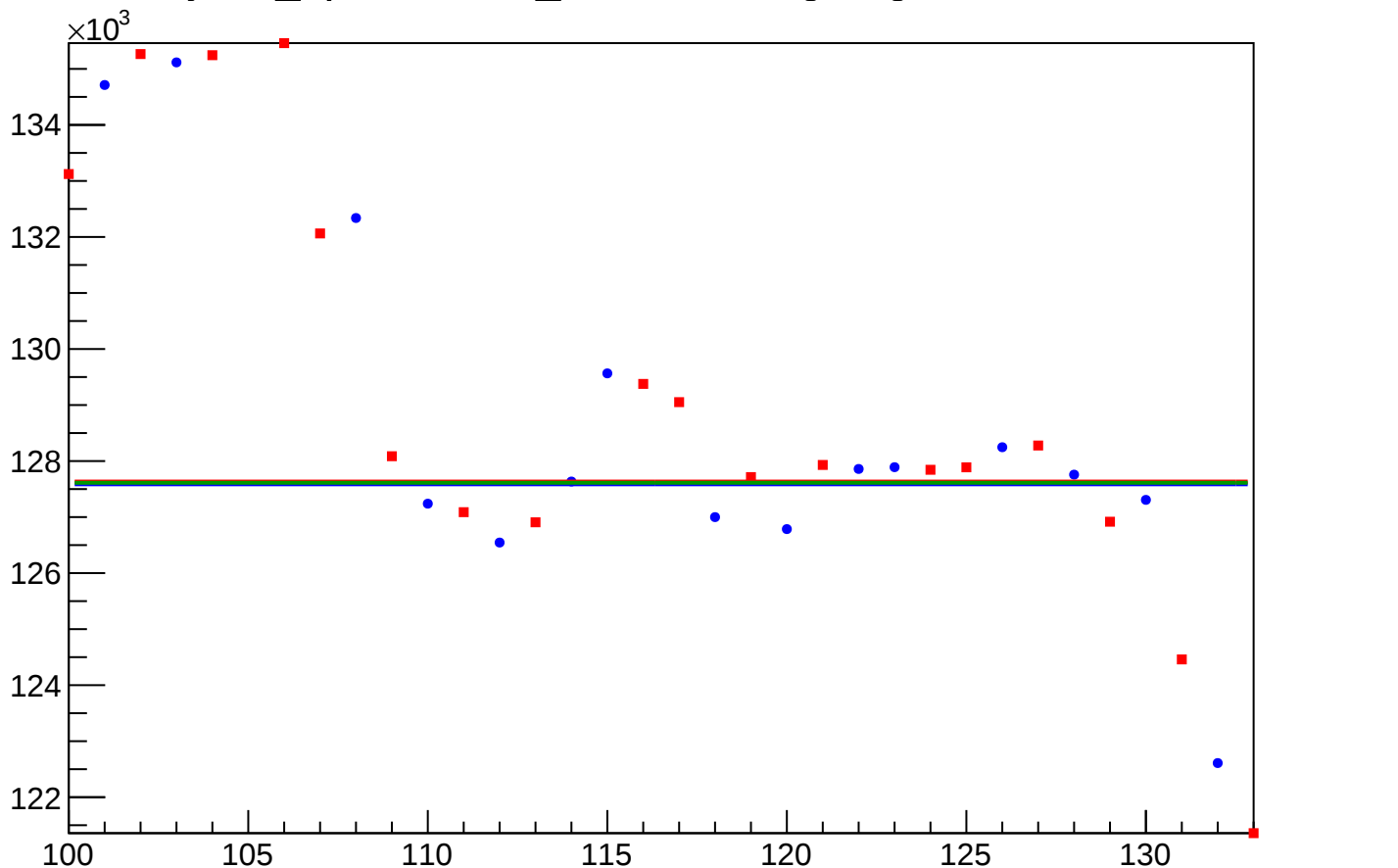
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

159.527+/-0.051 χ^2/NDF : 1151633.6/14

157.247+/-0.034 χ^2/NDF : 2469009.3/32

155.379+/-0.046 χ^2/NDF : 1313771.9/17

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: 127634.088 $\pm$ 0.064 χ^2 /NDF: 1961776330.1/17

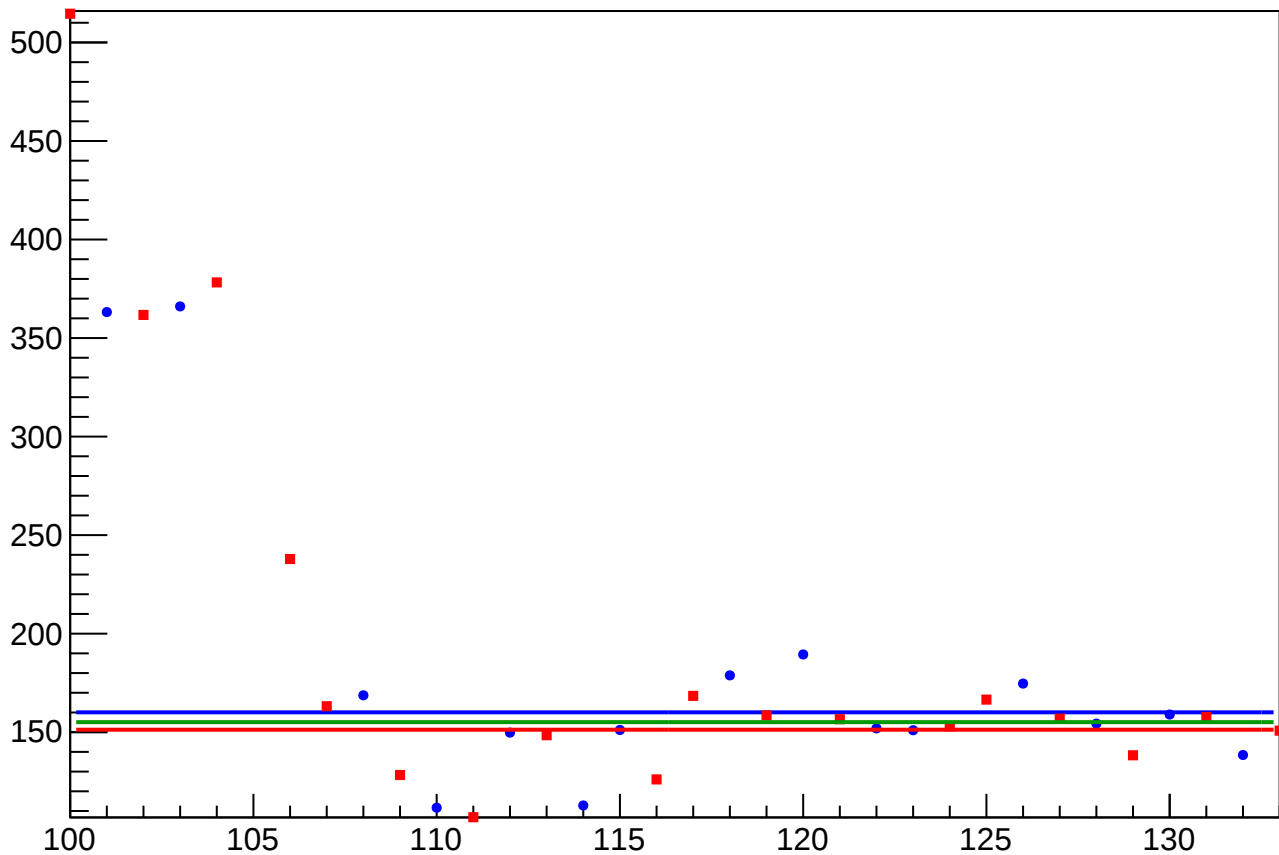
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127585.570 $\pm$ 0.073 χ^2 /NDF: 1341718837.3/14

127612.957 $\pm$ 0.048 χ^2 /NDF: 330374713

127634.088 $\pm$ 0.064 χ^2 /NDF: 1961776330.1/17

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: 151.253+/-0.045 χ^2/NDF : 1072388.5/17

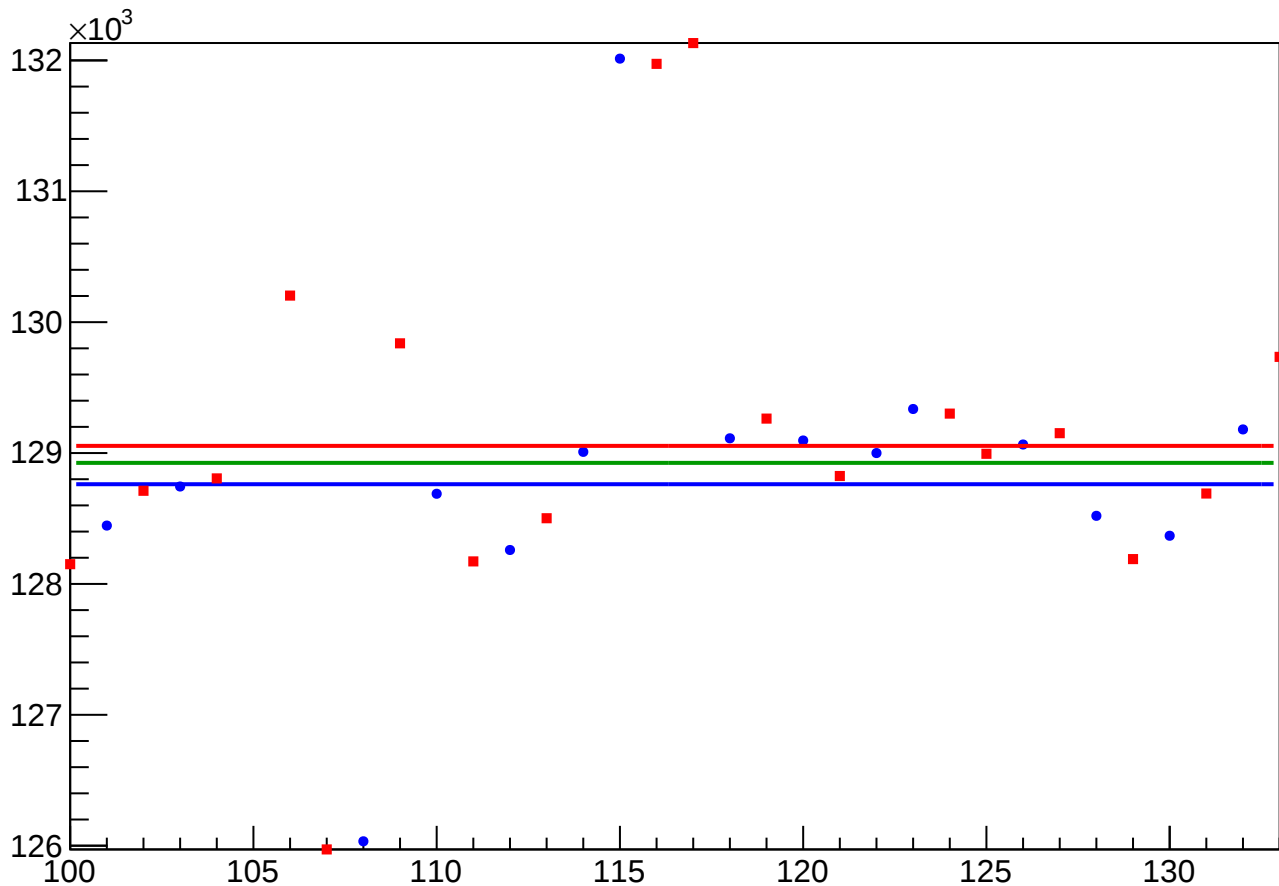
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.075+/-0.051 χ^2/NDF : 942151.4/14

155.095+/-0.034 χ^2/NDF : 2031200.0/32

151.253+/-0.045 χ^2/NDF : 1072388.5/17

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128761.833+/-0.064 χ^2/NDF : 287781104.0/14

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

Right Out: 129054.799+/-0.057 χ^2/NDF : 514990090.5/17

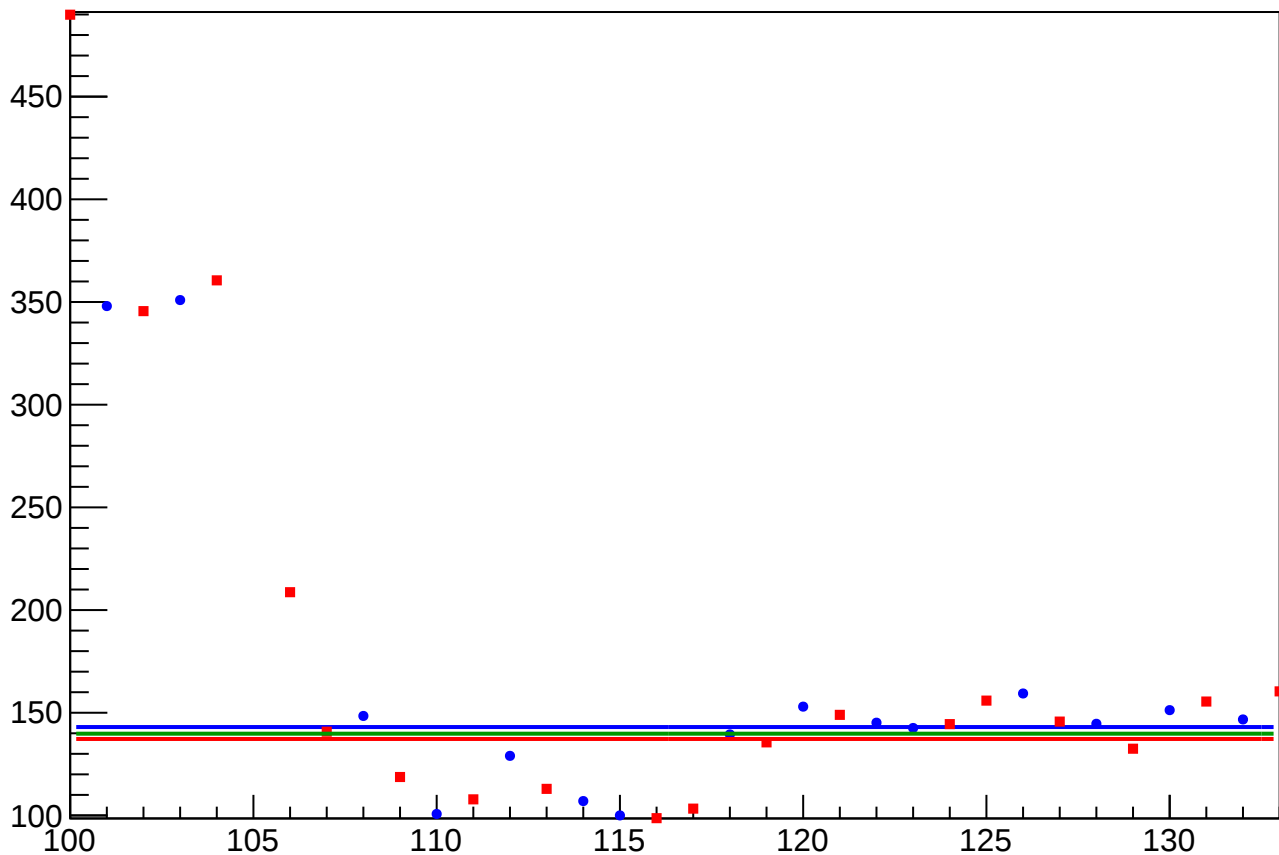
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128761.833+/-0.064 χ^2/NDF : 287781104.0/14

128924.981+/-0.043 χ^2/NDF : 814304683

129054.799+/-0.057 χ^2/NDF : 514990090.5/17

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 143.041 $\pm$ 0.046 χ^2 /NDF: 1020679.3/14

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

Right Out: 137.231 $\pm$ 0.041 χ^2 /NDF: 1161120.9/17

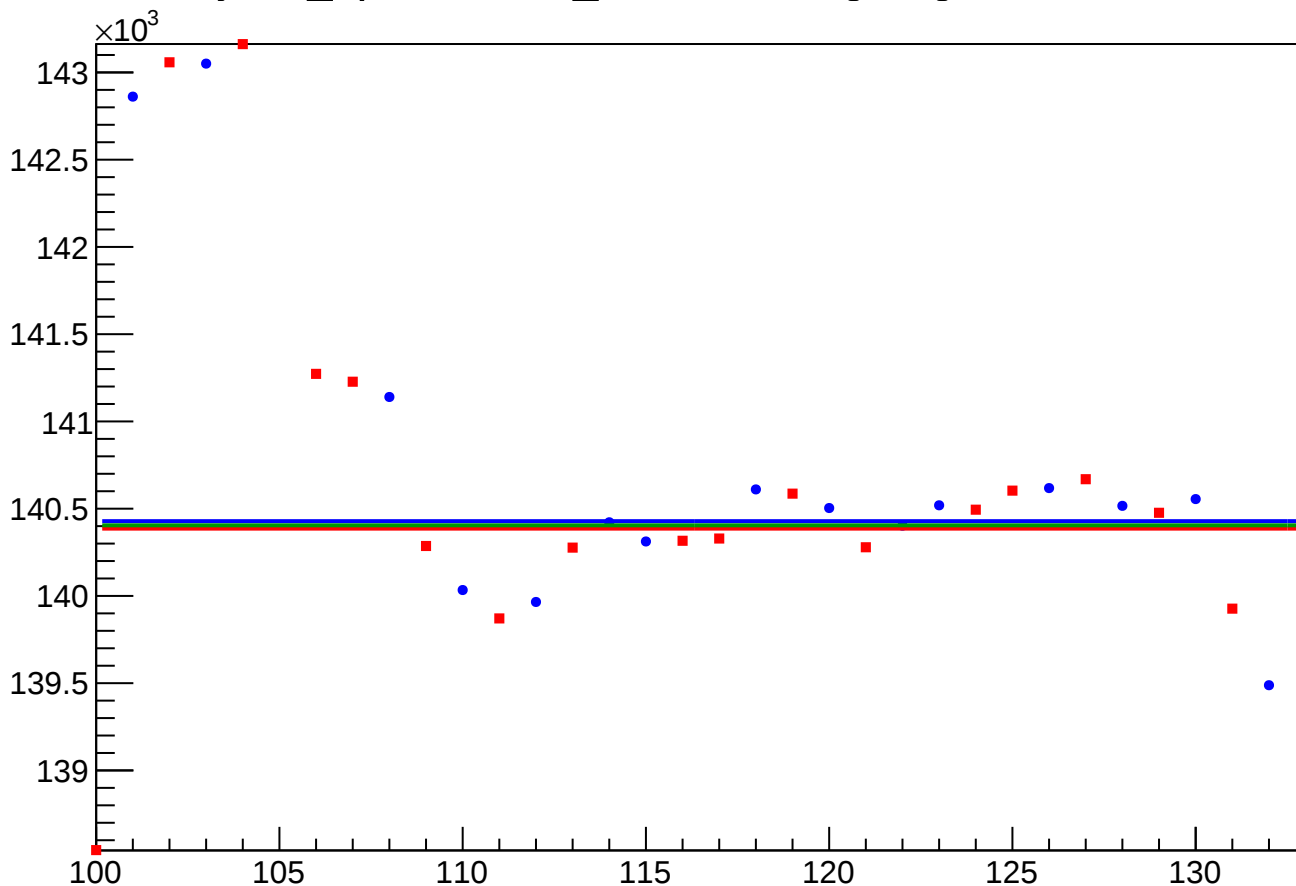
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.041 $\pm$ 0.046 χ^2 /NDF: 1020679.3/14

139.805 $\pm$ 0.030 χ^2 /NDF: 2190872.0/32

137.231 $\pm$ 0.041 χ^2 /NDF: 1161120.9/17

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

Right Out: 140385.780 $\pm$ 0.061 χ^2 /NDF: 98915459.2/17

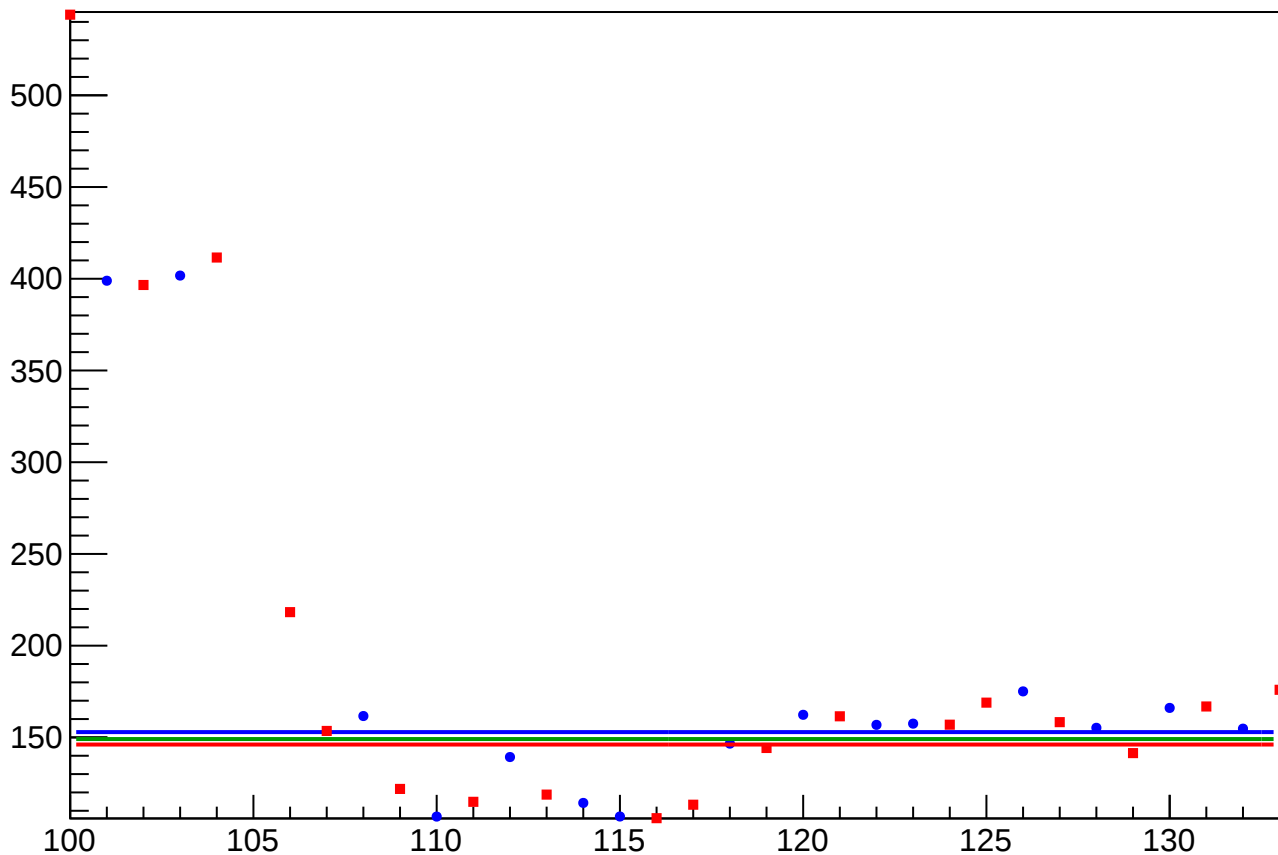
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140428.468 $\pm$ 0.069 χ^2 /NDF: 79188110.8/14

140404.624 $\pm$ 0.046 χ^2 /NDF: 178317506

140385.780 $\pm$ 0.061 χ^2 /NDF: 98915459.2/17

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: 146.110 $\pm$ 0.043 χ^2 /NDF: 1263177.5/17

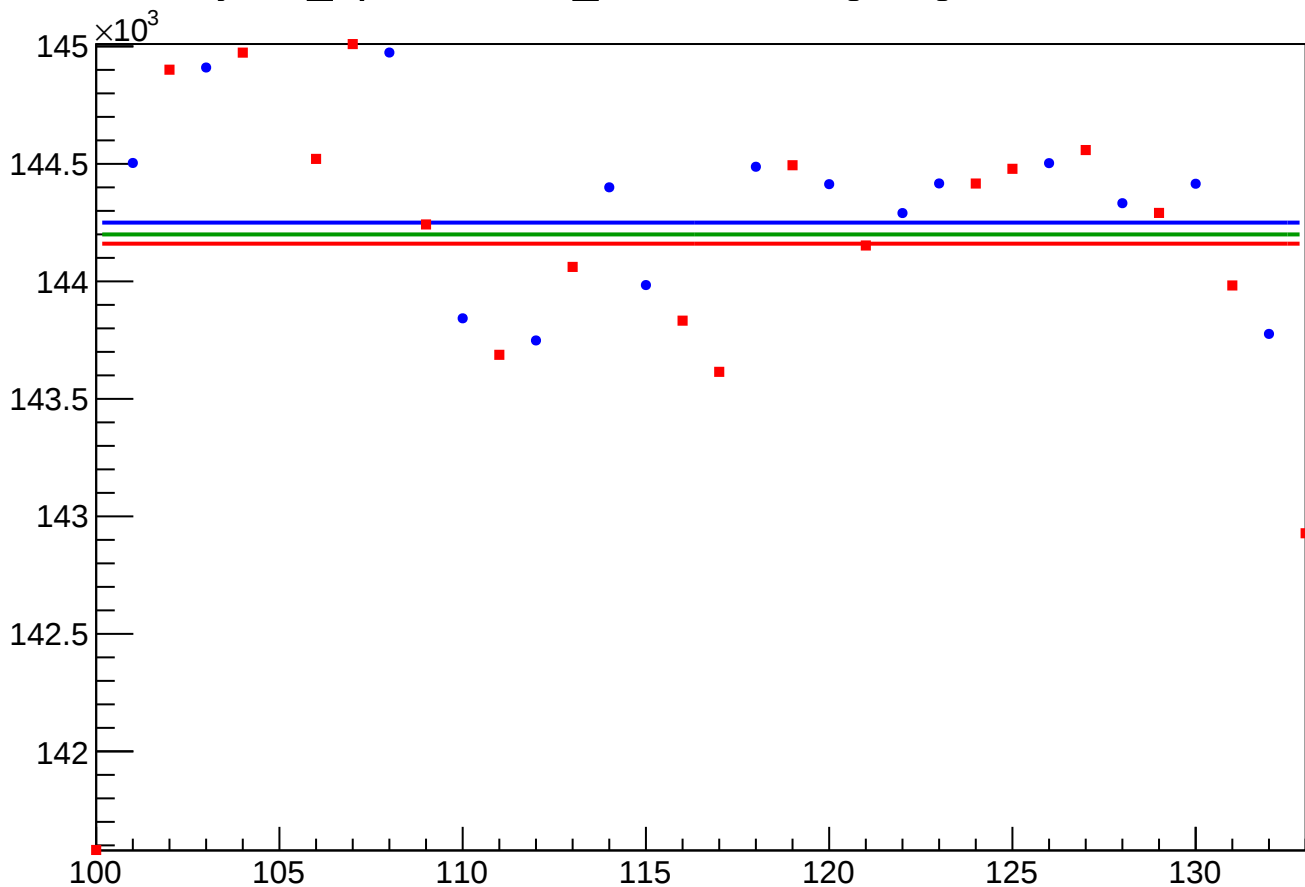
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152.890 $\pm$ 0.049 χ^2 /NDF: 1114619.5/14

149.103 $\pm$ 0.032 χ^2 /NDF: 2388592.3/32

146.110 $\pm$ 0.043 χ^2 /NDF: 1263177.5/17

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: 144160.431 $\pm$ 0.064 χ^2 /NDF: 53141842.8/17

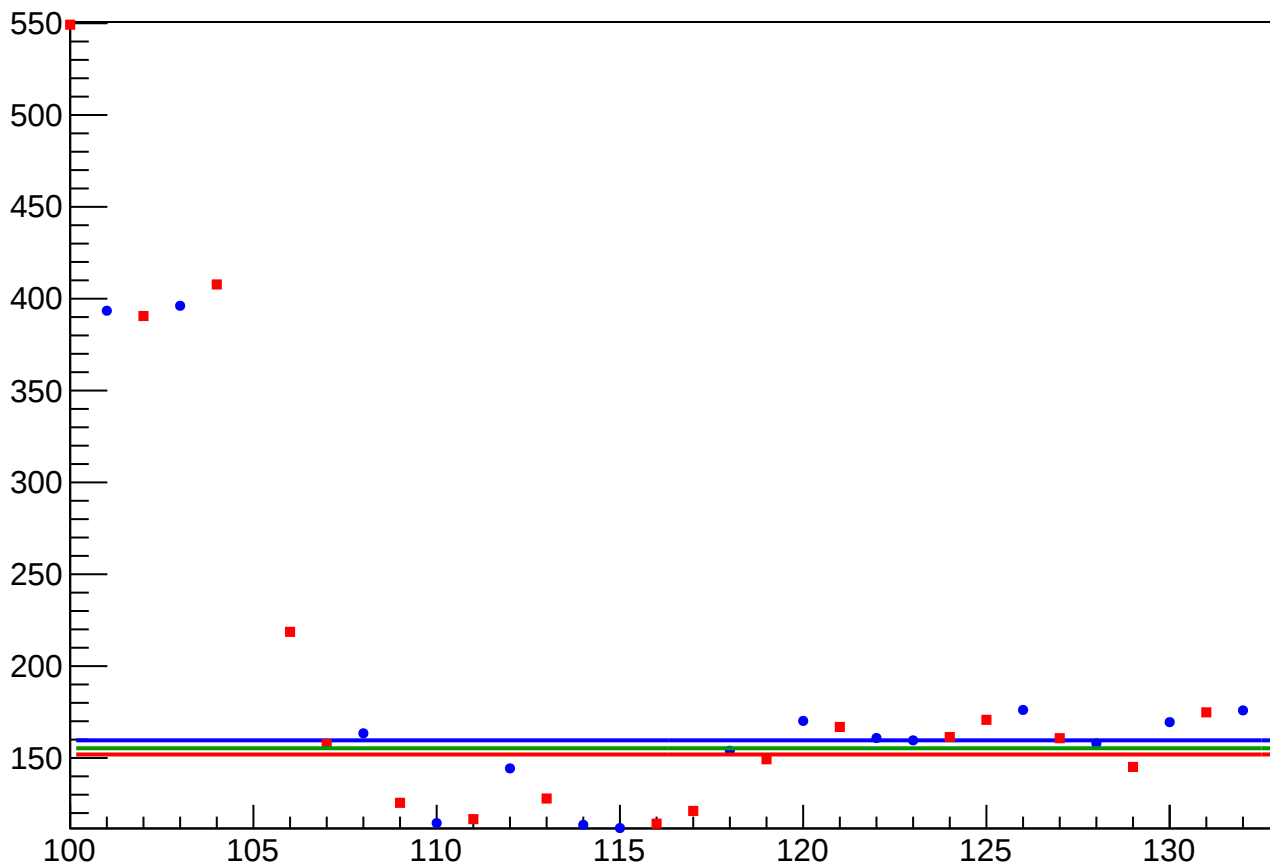
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144250.111 $\pm$ 0.072 χ^2 /NDF: 25151006.4/14

144199.803 $\pm$ 0.048 χ^2 /NDF: 79168014.8/17

144160.431 $\pm$ 0.064 χ^2 /NDF: 53141842.8/17

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 159.598+/-0.051 χ^2/NDF : 1037621.5/14

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

Right Out: 151.905+/-0.045 χ^2/NDF : 1182711.7/17

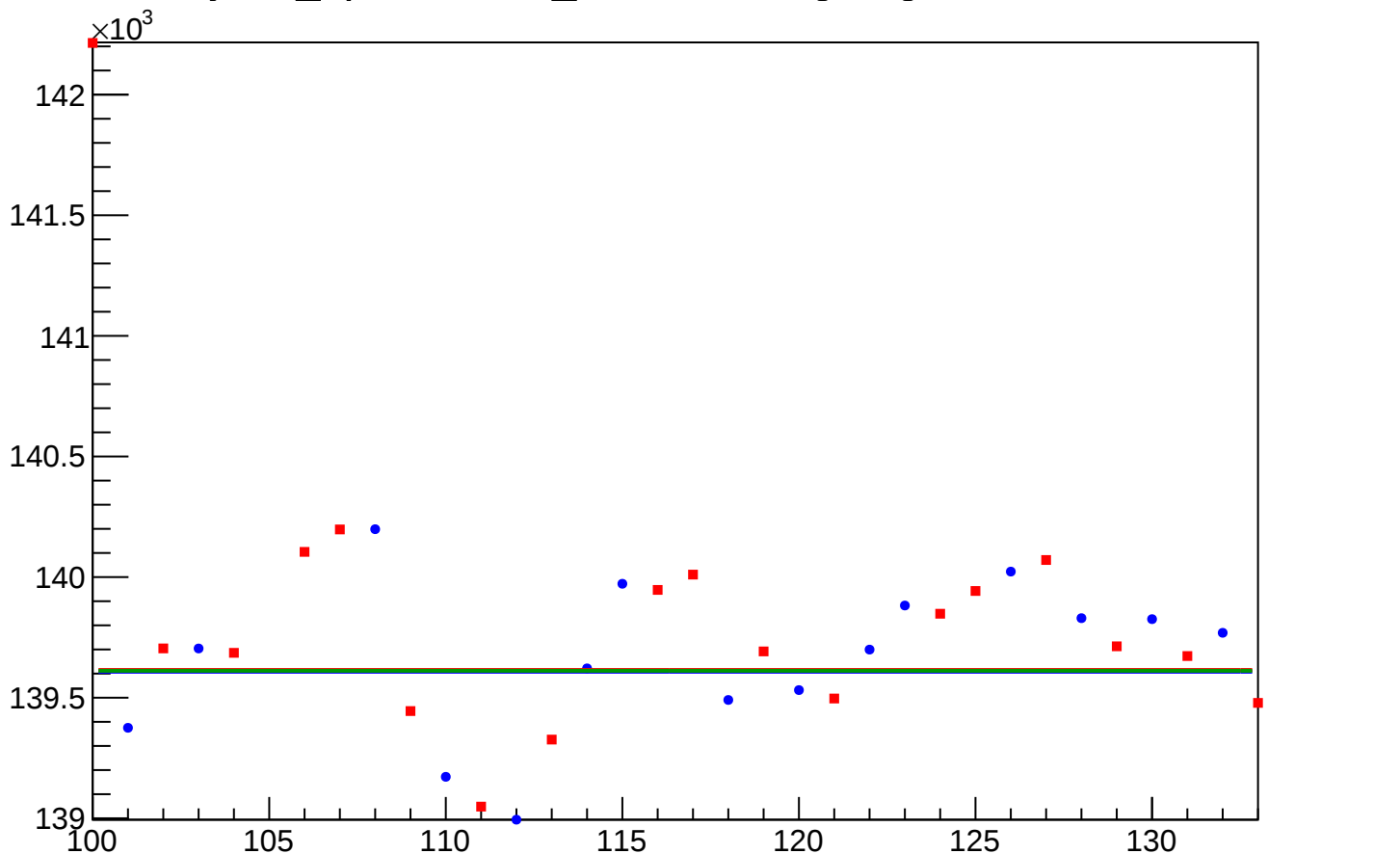
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

159.598+/-0.051 χ^2/NDF : 1037621.5/14

155.283+/-0.034 χ^2/NDF : 2233212.4/32

151.905+/-0.045 χ^2/NDF : 1182711.7/17

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: 139614.947 $\pm$ 0.065 χ^2 /NDF: 27632259.5/17

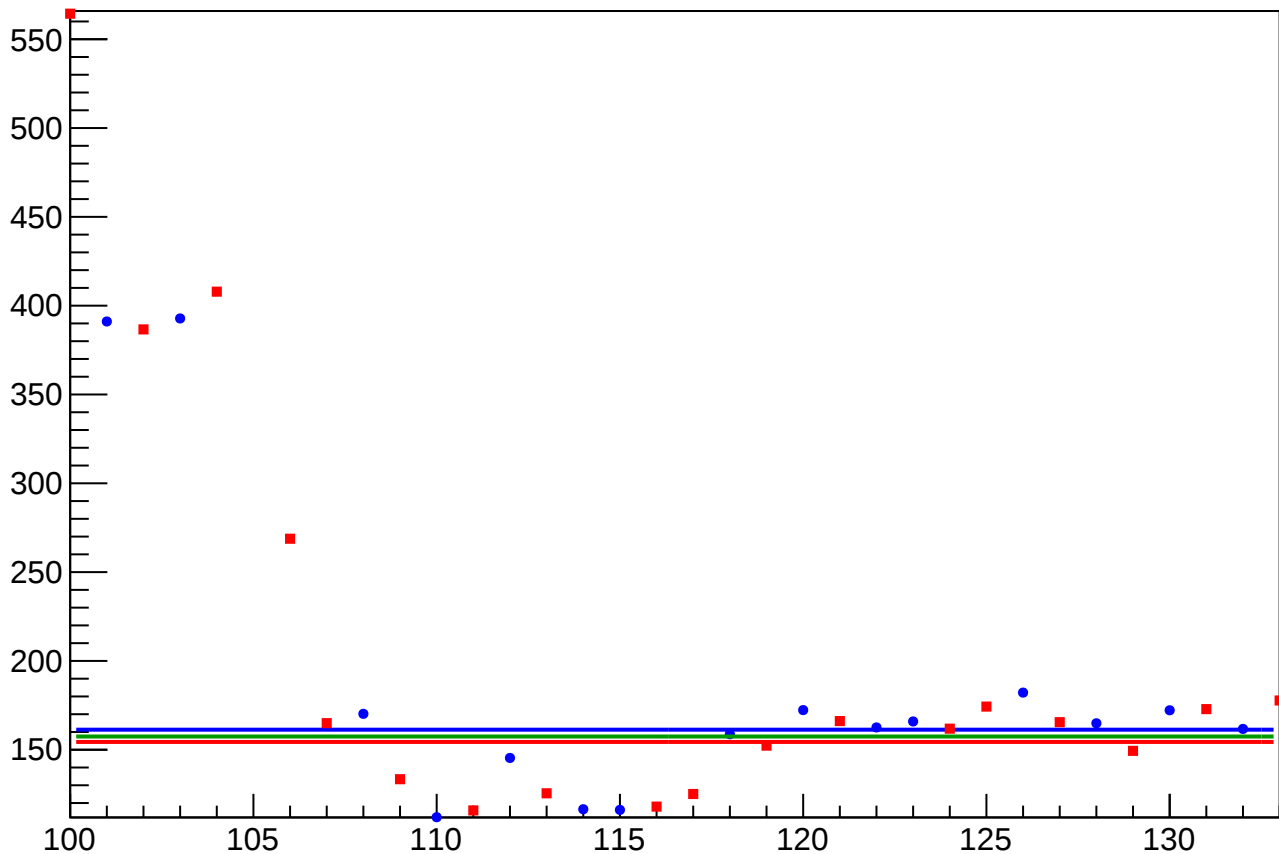
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139607.722 $\pm$ 0.073 χ^2 /NDF: 23024182.1/14

139611.754 $\pm$ 0.048 χ^2 /NDF: 50661969.3

139614.947 $\pm$ 0.065 χ^2 /NDF: 27632259.5/17

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 161.296+/-0.051 χ^2/NDF : 1028102.7/14

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

Right Out: 154.394+/-0.046 χ^2/NDF : 1200427.4/17

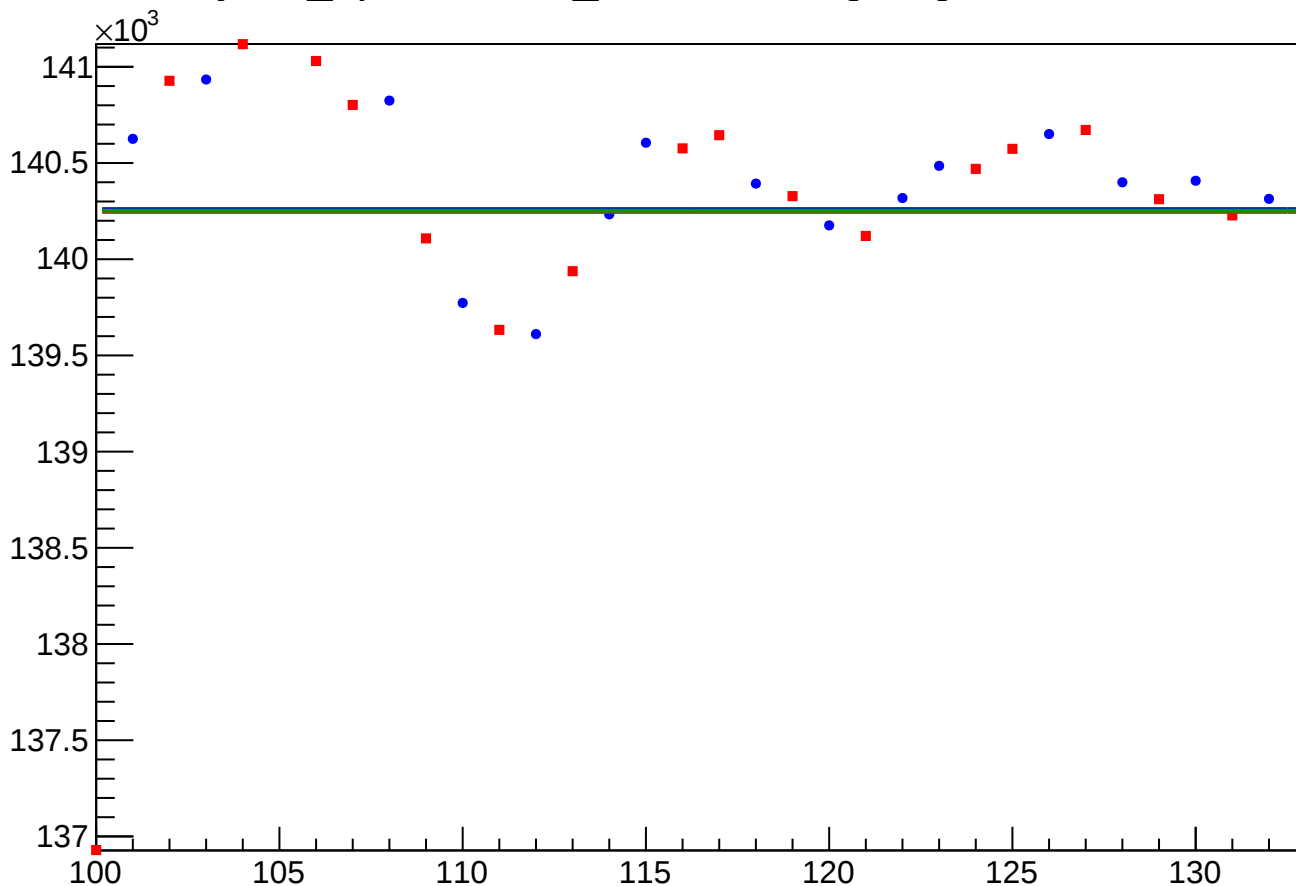
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

161.296+/-0.051 χ^2/NDF : 1028102.7/14

157.445+/-0.034 χ^2/NDF : 2238618.0/32

154.394+/-0.046 χ^2/NDF : 1200427.4/17

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: 140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

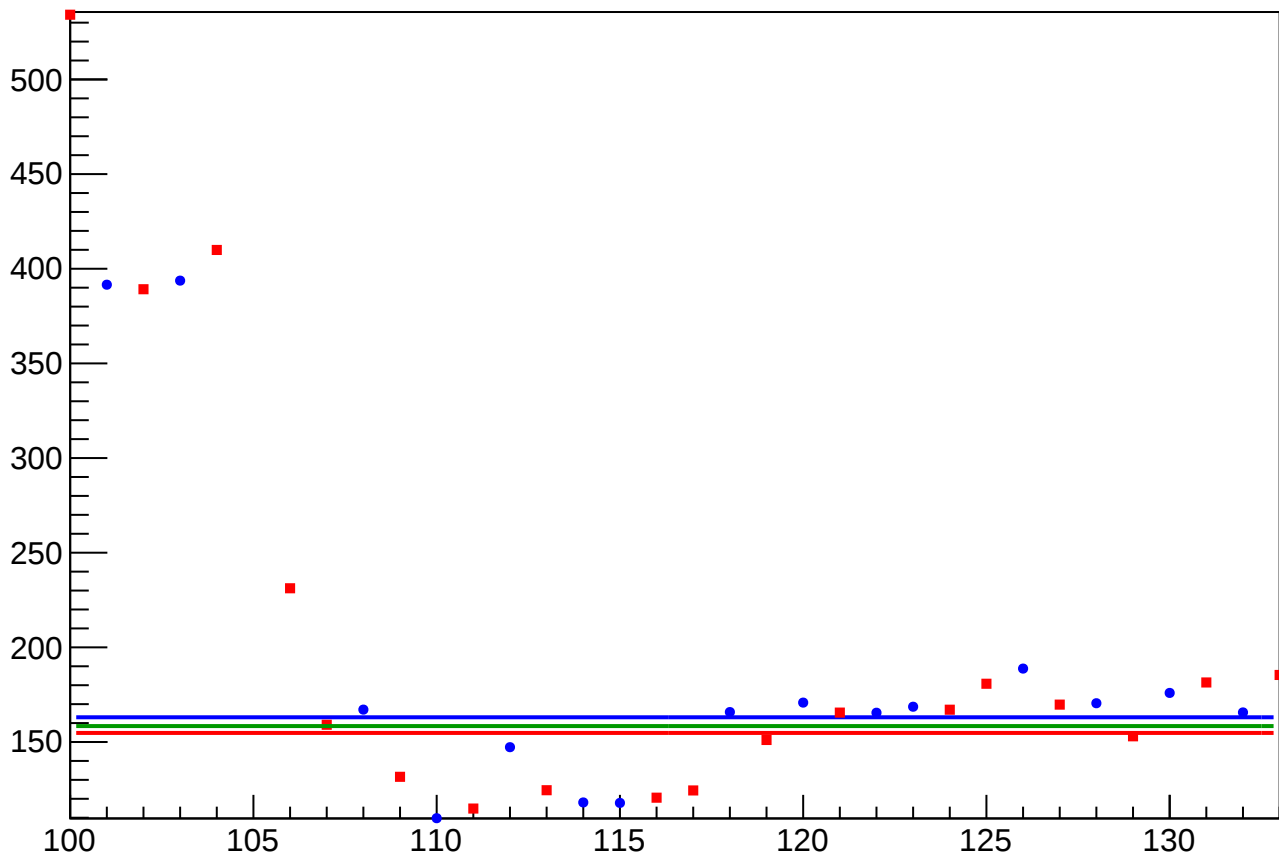
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140260.222 $\pm$ 0.073 χ^2 /NDF: 25115839.1/14

140252.467 $\pm$ 0.049 χ^2 /NDF: 61245828.3

140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 163.059+/-0.052 χ^2/NDF : 1049217.5/14

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

Right Out: 154.791+/-0.046 χ^2/NDF : 1193856.0/17

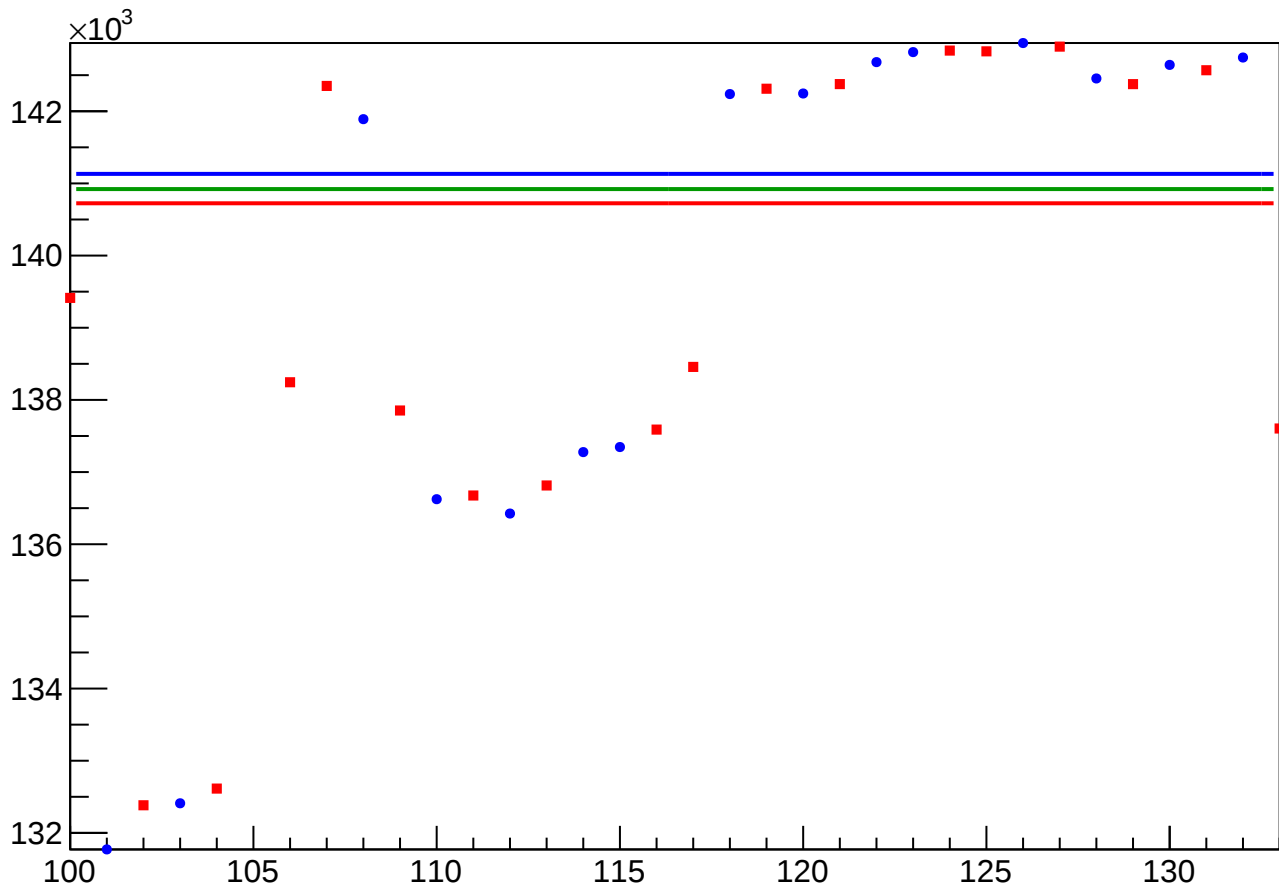
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.059+/-0.052 χ^2/NDF : 1049217.5/14

158.414+/-0.034 χ^2/NDF : 2257322.1/32

154.791+/-0.046 χ^2/NDF : 1193856.0/17

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: 140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

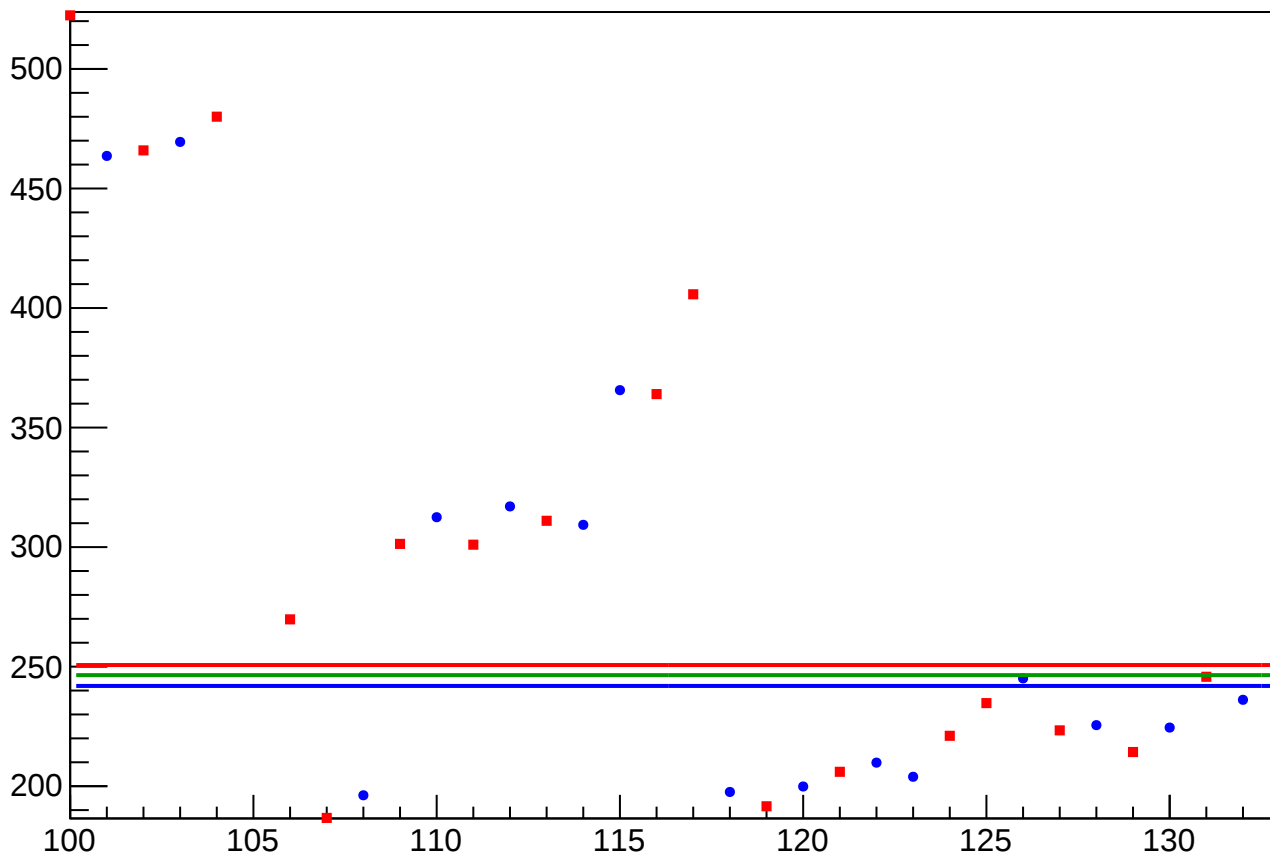
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141132.126 $\pm$ 0.108 χ^2 /NDF: 765443560.5/14

140921.552 $\pm$ 0.075 χ^2 /NDF: 155400088

140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

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: 250.670+/-0.074 χ^2/NDF : 995597.5/17

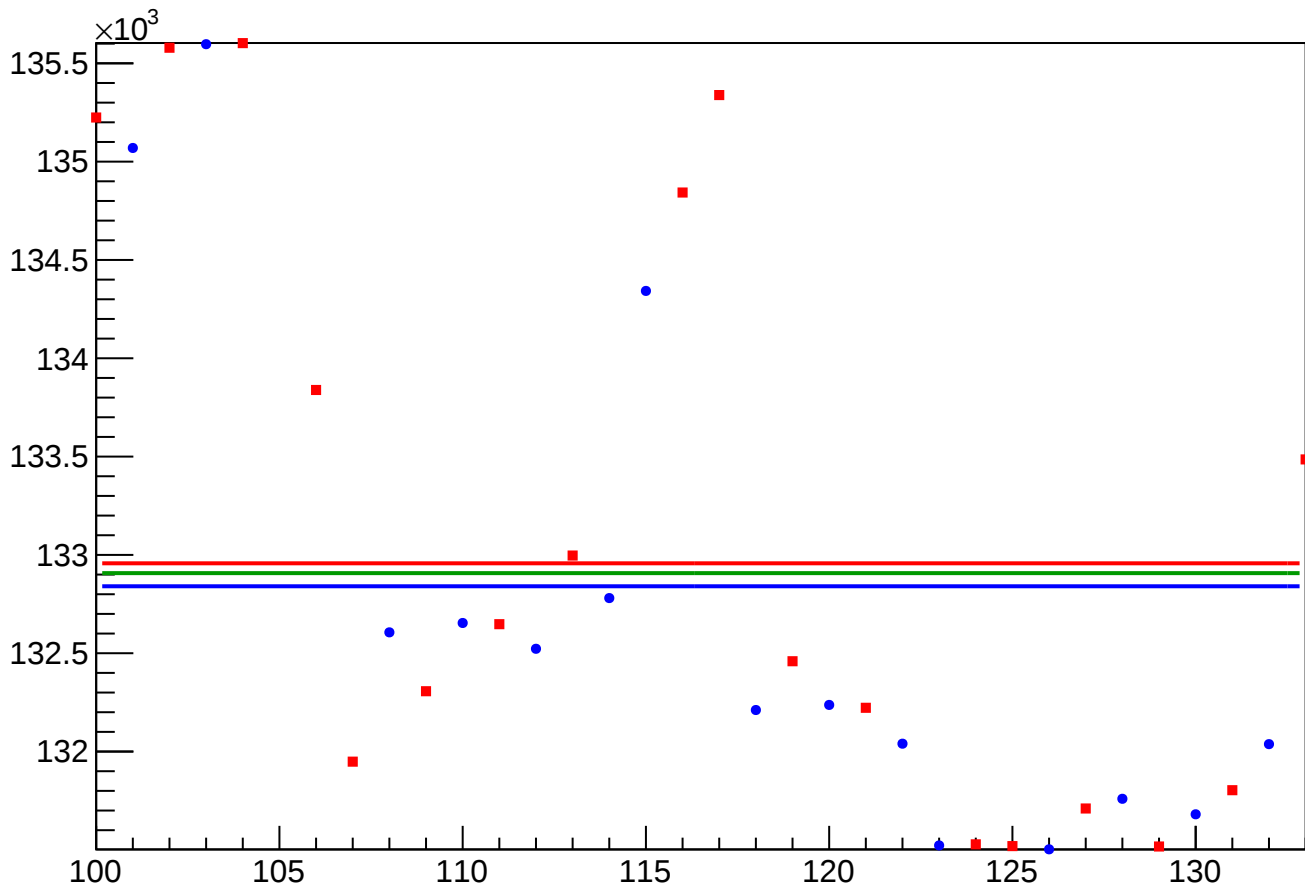
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

241.932+/-0.076 χ^2/NDF : 809712.0/14

246.447+/-0.053 χ^2/NDF : 1812130.1/32

250.670+/-0.074 χ^2/NDF : 995597.5/17

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132840.502 $\pm$ 0.127 χ^2 /NDF: 78626593.5/14

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

132840.502 $\pm$ 0.127 χ^2 /NDF: 78626593.5/14

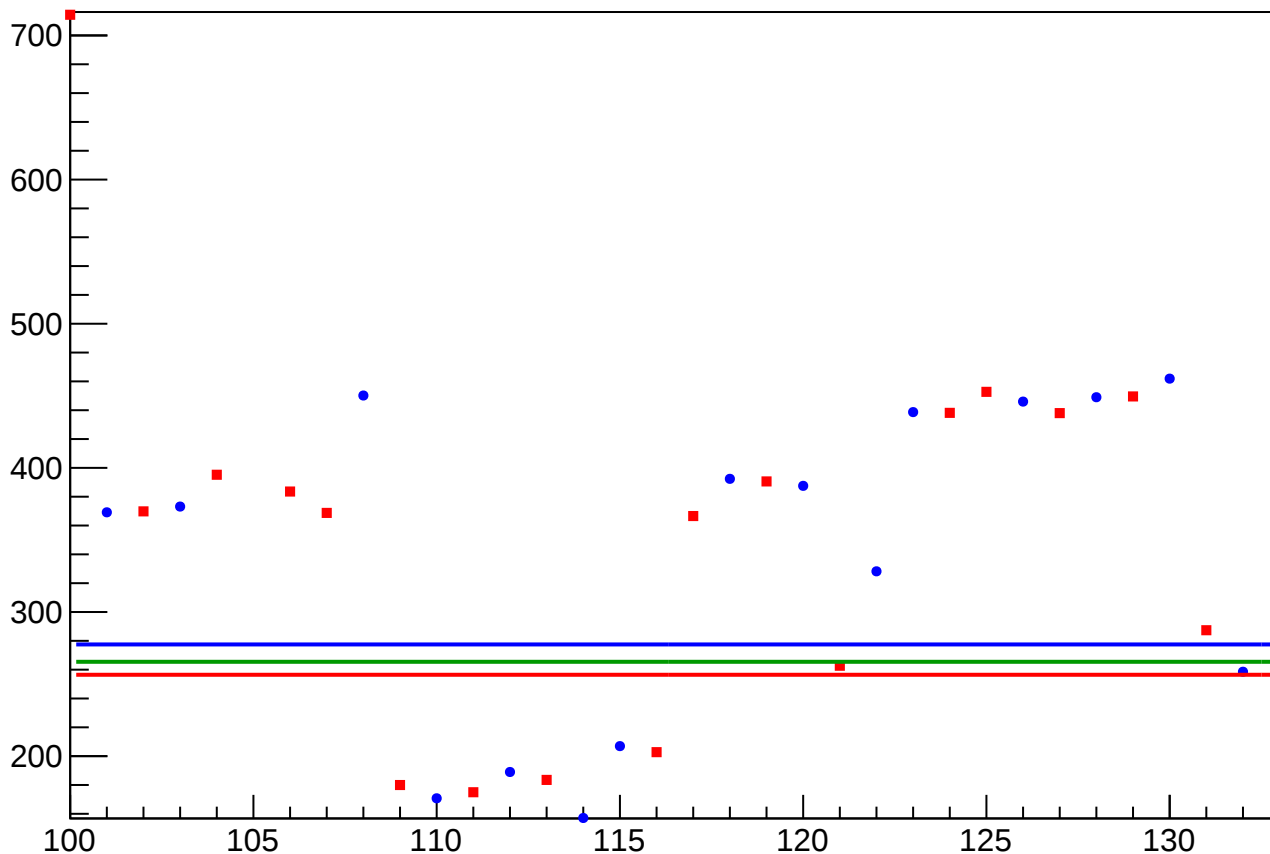
132907.331 $\pm$ 0.083 χ^2 /NDF: 186134410

Right Out: 132957.315 $\pm$ 0.110 χ^2 /NDF: 107022354.2/17

132957.315 $\pm$ 0.110 χ^2 /NDF: 107022354.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /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: 256.461 $\pm$ 0.078 χ^2 /NDF: 1523397.2/17

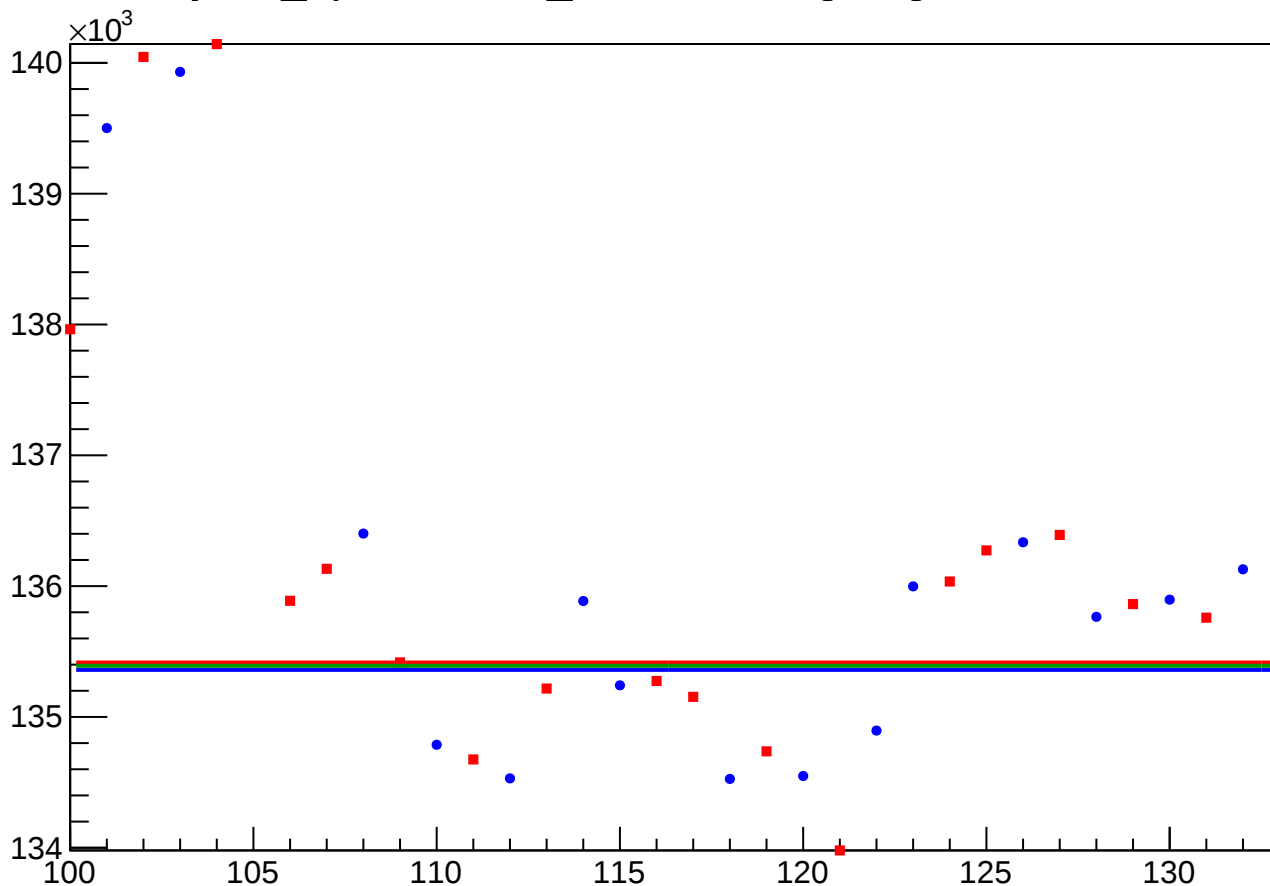
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

277.502 $\pm$ 0.090 χ^2 /NDF: 1437179.2/14

265.464 $\pm$ 0.059 χ^2 /NDF: 2992079.2/32

256.461 $\pm$ 0.078 χ^2 /NDF: 1523397.2/17

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

Right Out: 135416.219 $\pm$ 0.053 χ^2 /NDF: 287546112.8/17

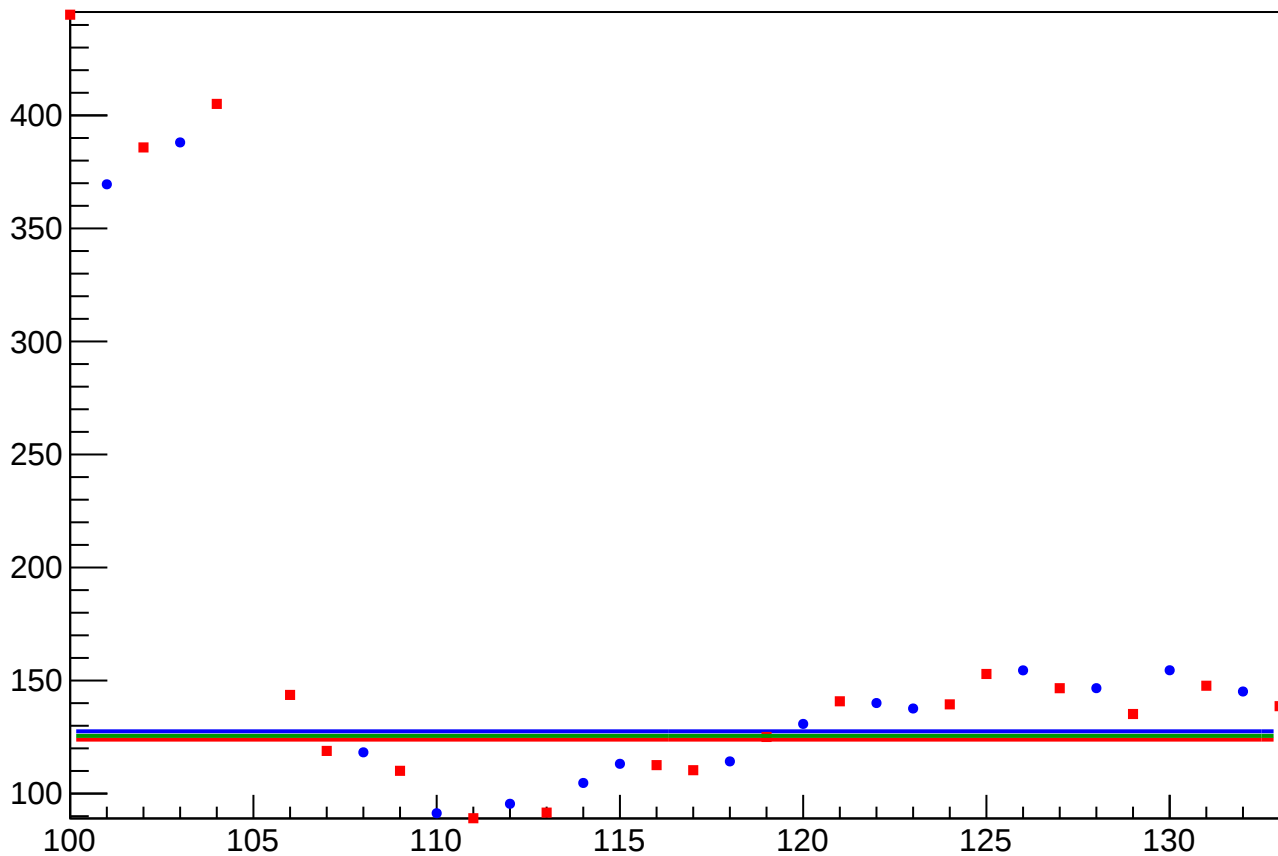
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135359.856 $\pm$ 0.058 χ^2 /NDF: 307576571.9/14

135390.872 $\pm$ 0.039 χ^2 /NDF: 595637763

135416.219 $\pm$ 0.053 χ^2 /NDF: 287546112.8/17

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: 123.871 $\pm$ 0.037 χ^2 /NDF: 1407358.8/17

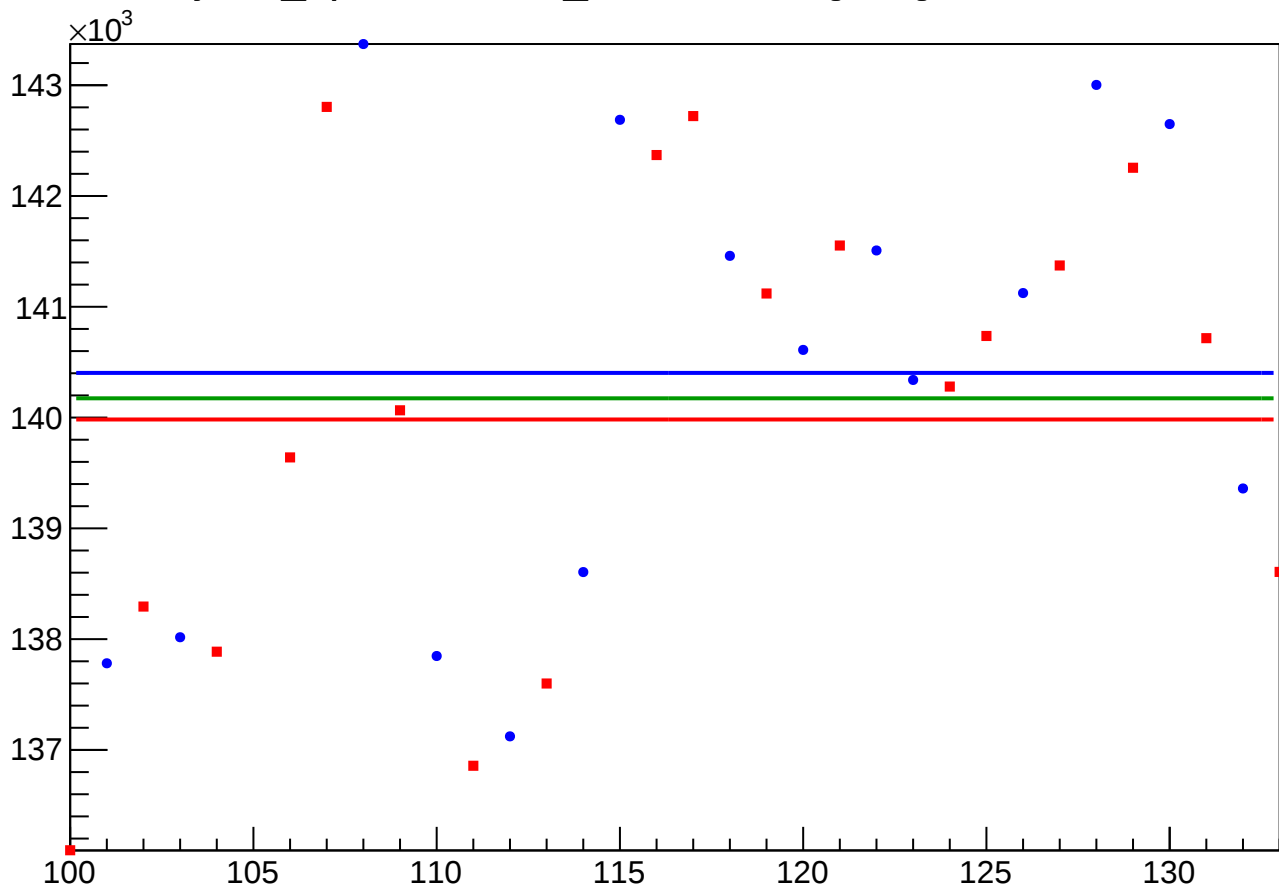
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127.535 $\pm$ 0.041 χ^2 /NDF: 1331058.0/14

125.519 $\pm$ 0.028 χ^2 /NDF: 2742770.1/32

123.871 $\pm$ 0.037 χ^2 /NDF: 1407358.8/17

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

140403.154 $\pm$ 0.066 χ^2 /NDF: 1022452276.7/14

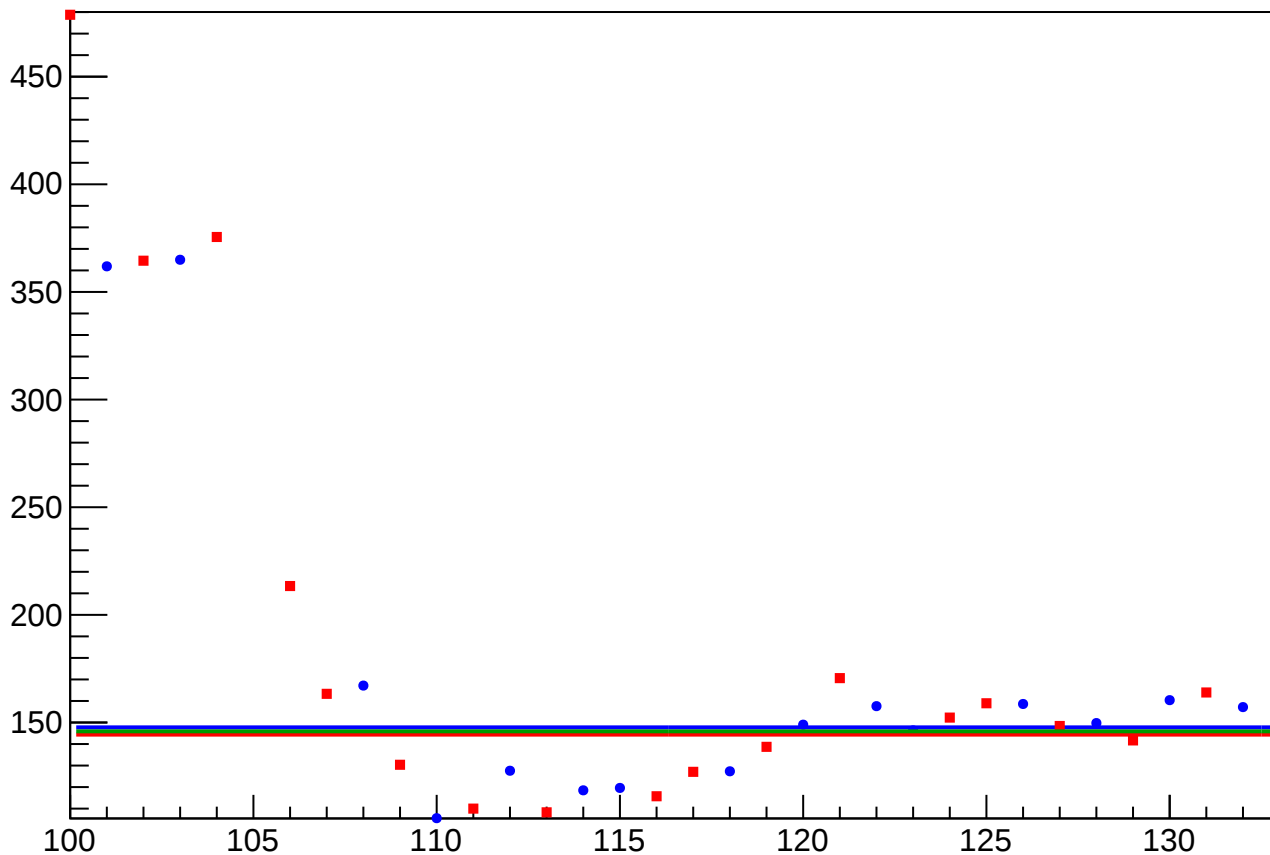
140173.761 $\pm$ 0.045 χ^2 /NDF: 209617802

Right Out: 139982.696 $\pm$ 0.061 χ^2 /NDF: 1051895367.2/17

139982.696 $\pm$ 0.061 χ^2 /NDF: 1051895367.2/17

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

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 147.737+/-0.047 χ^2/NDF : 1019321.0/14

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

Right Out: 144.380+/-0.043 χ^2/NDF : 1165522.1/17

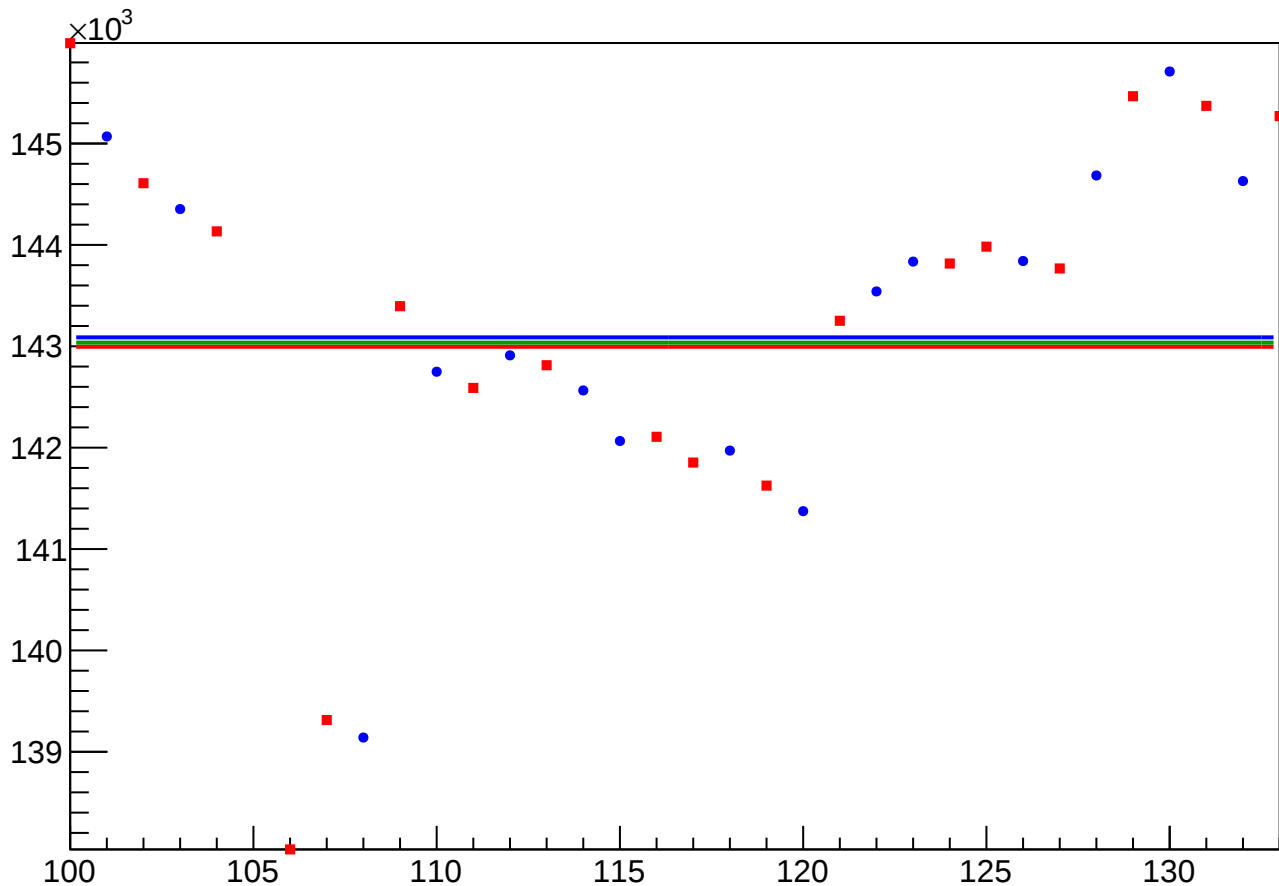
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.737+/-0.047 χ^2/NDF : 1019321.0/14

145.906+/-0.032 χ^2/NDF : 2187627.1/32

144.380+/-0.043 χ^2/NDF : 1165522.1/17

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

Right Out: 142995.054 $\pm$ 0.063 χ^2 /NDF: 772705760.0/17

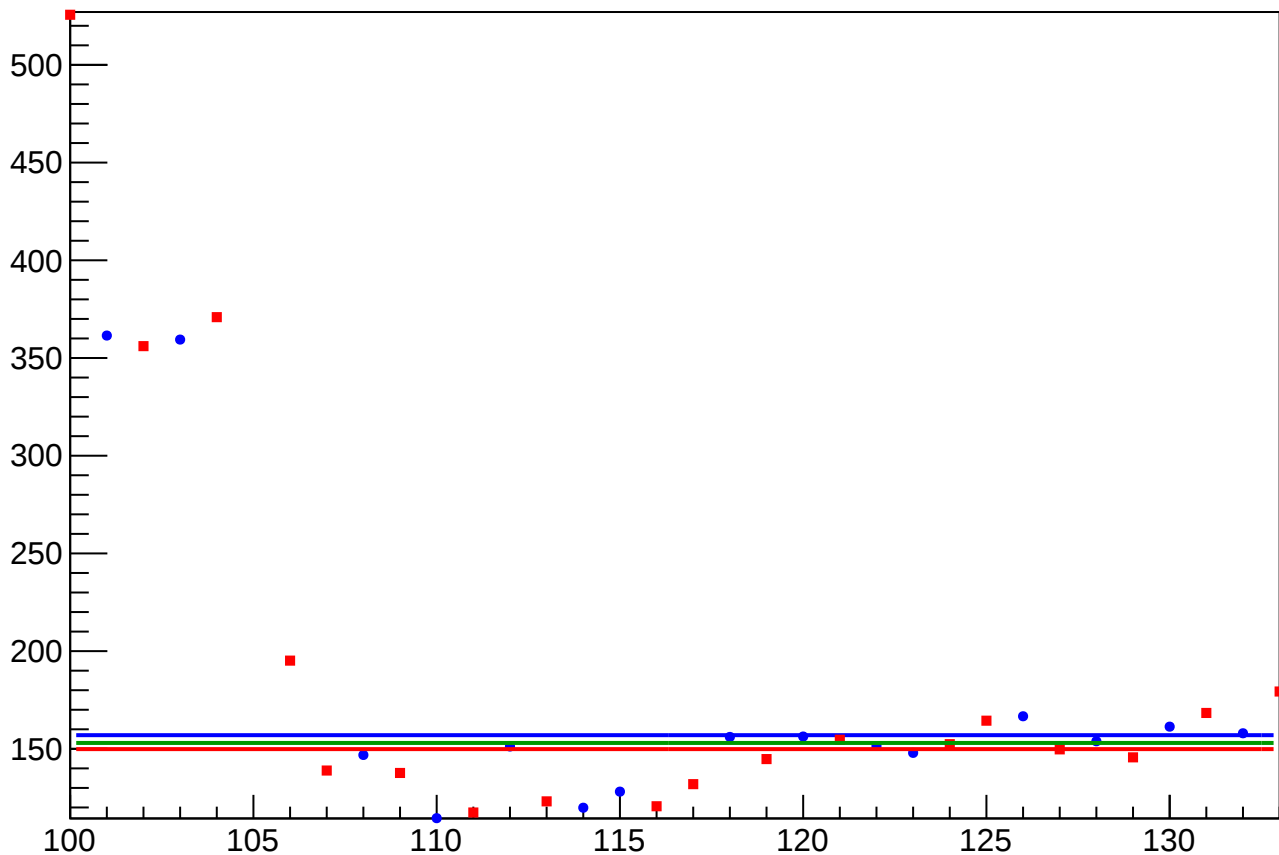
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

143087.954 $\pm$ 0.070 χ^2 /NDF: 595112551.3/14

143036.144 $\pm$ 0.047 χ^2 /NDF: 136879339

142995.054 $\pm$ 0.063 χ^2 /NDF: 772705760.0/17

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: 149.861 $\pm$ 0.044 χ^2 /NDF: 995911.0/17

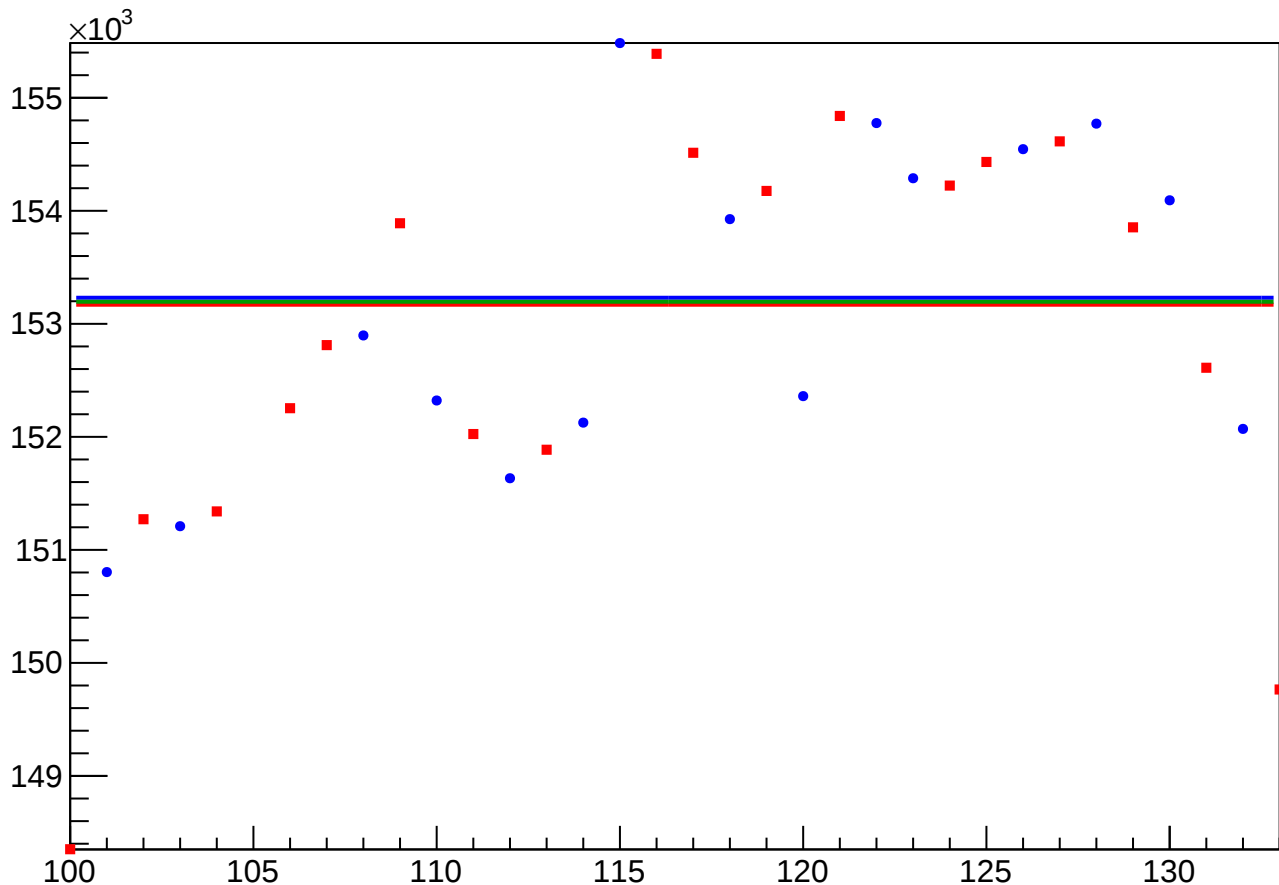
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.997 $\pm$ 0.050 χ^2 /NDF: 867339.7/14

153.018 $\pm$ 0.033 χ^2 /NDF: 1874758.4/32

149.861 $\pm$ 0.044 χ^2 /NDF: 995911.0/17

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: 153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

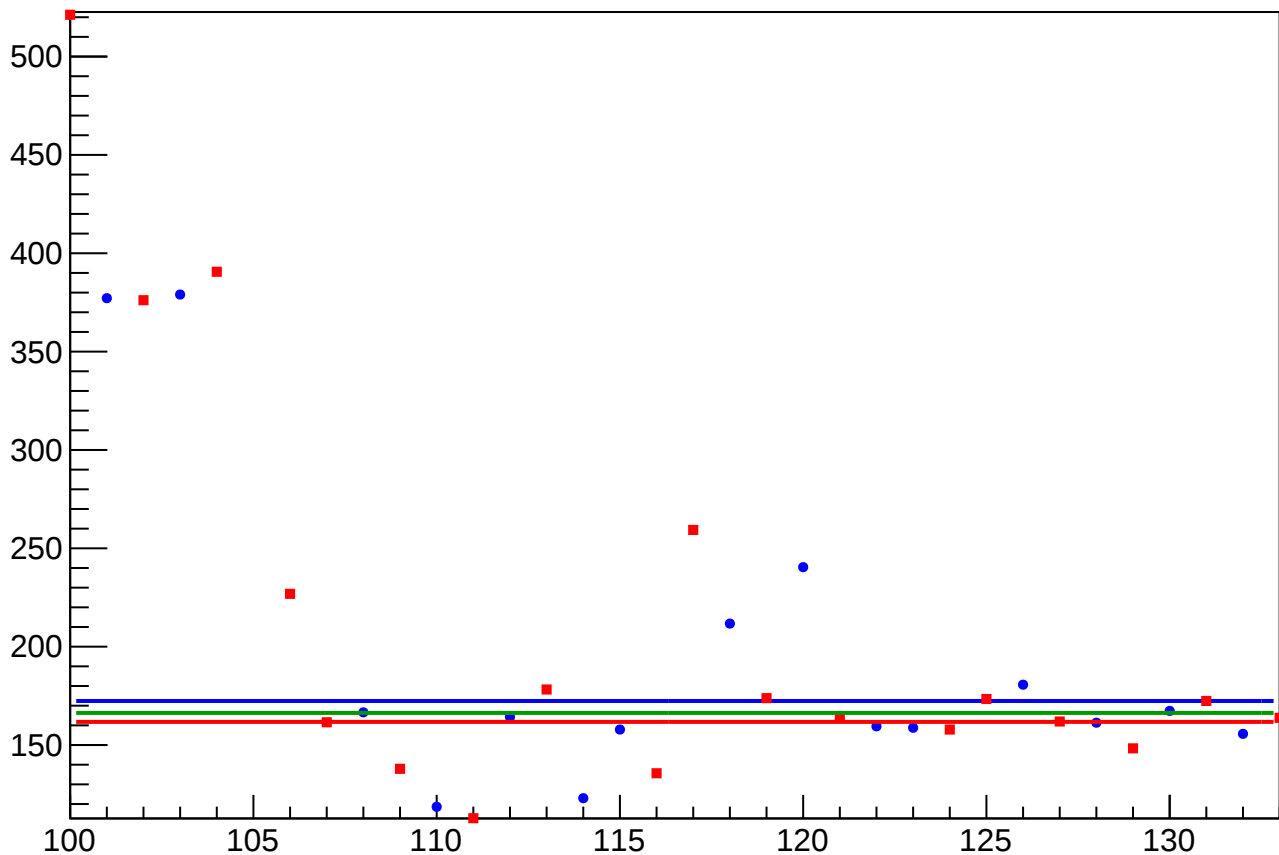
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153230.811 $\pm$ 0.079 χ^2 /NDF: 261660544.9/14

153195.660 $\pm$ 0.052 χ^2 /NDF: 730914235

153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.392+/-0.056 χ^2/NDF : 941423.1/14

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

Right Out: 161.763+/-0.049 χ^2/NDF : 1029022.3/17

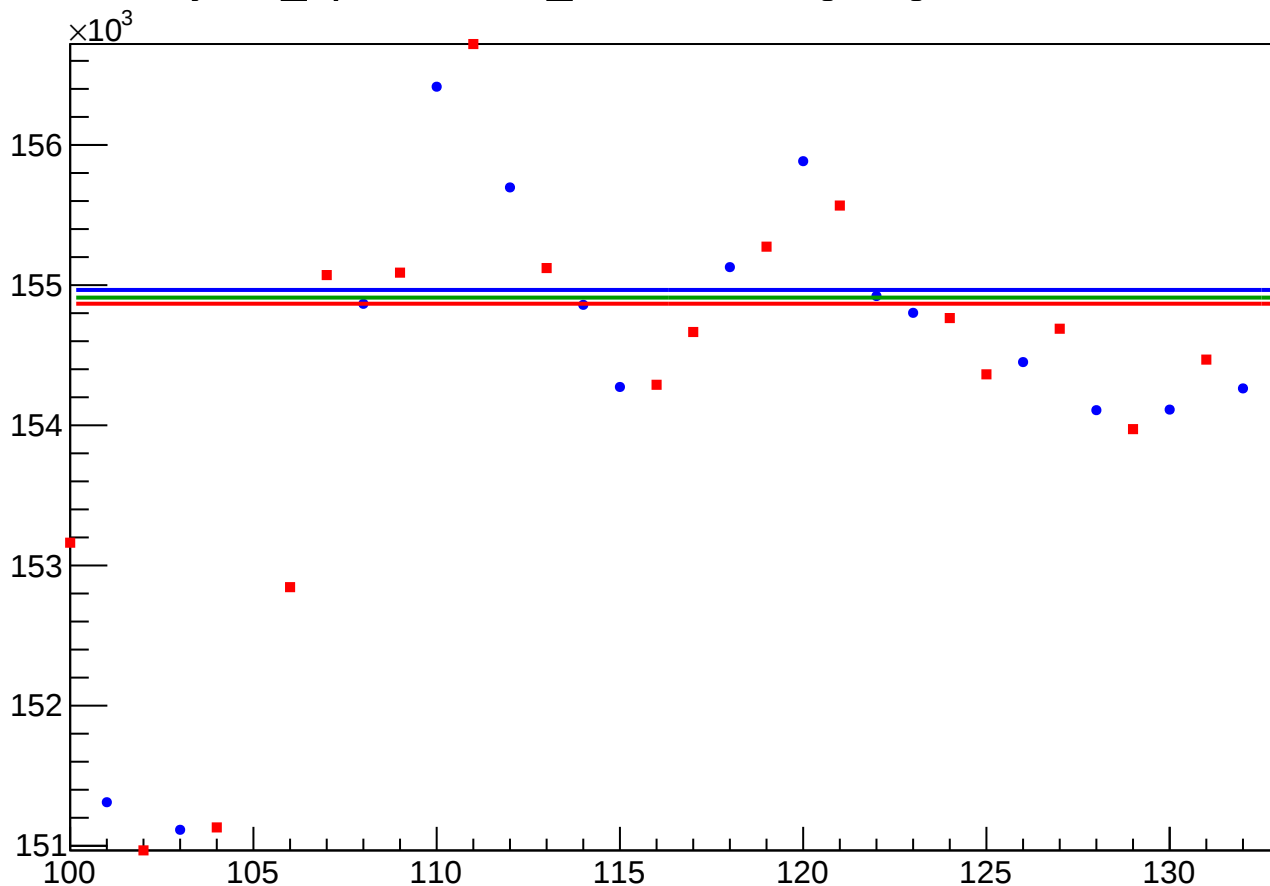
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.392+/-0.056 χ^2/NDF : 941423.1/14

166.333+/-0.037 χ^2/NDF : 1990988.3/32

161.763+/-0.049 χ^2/NDF : 1029022.3/17

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: 154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

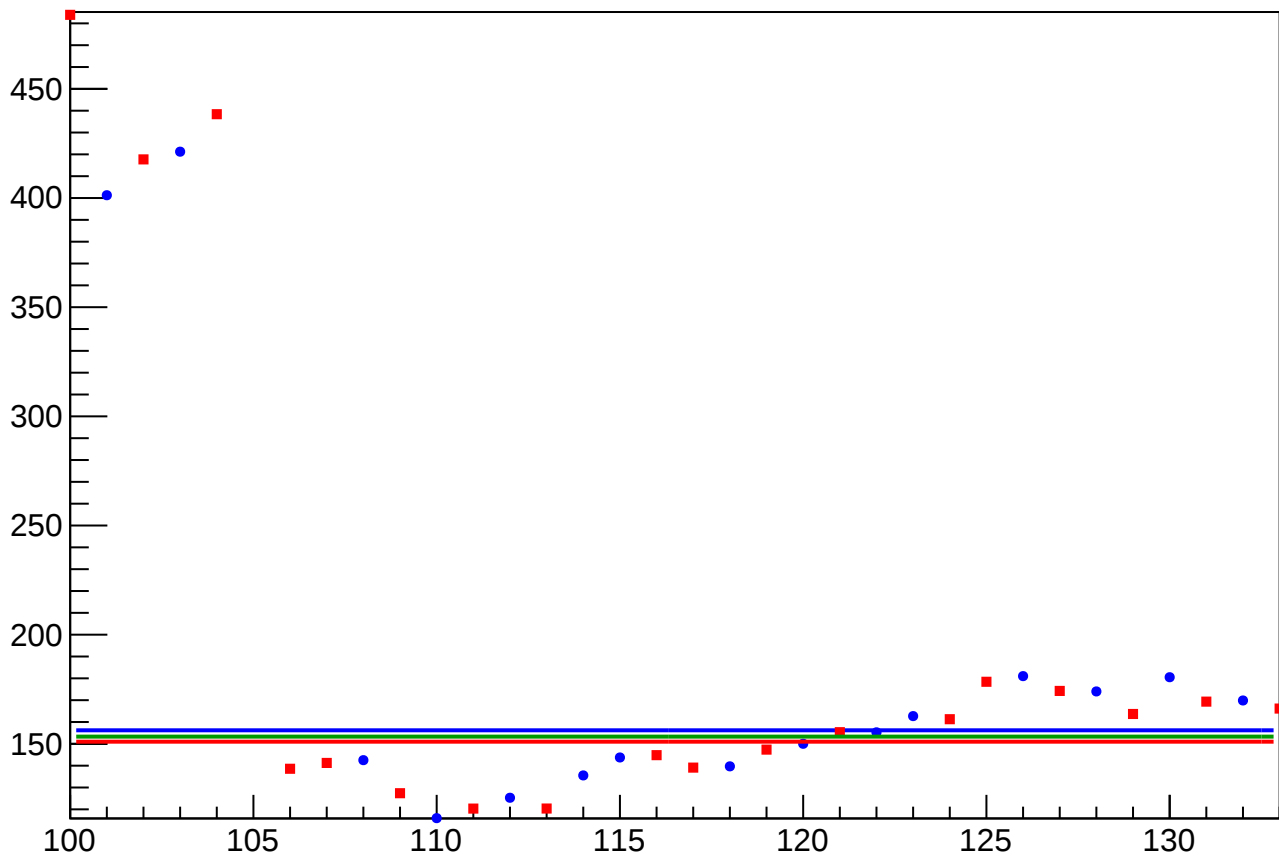
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

154965.676 $\pm$ 0.070 χ^2 /NDF: 212510240.3/14

154911.114 $\pm$ 0.047 χ^2 /NDF: 497779483

154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

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: 150.992 $\pm$ 0.044 χ^2 /NDF: 1141417.7/17

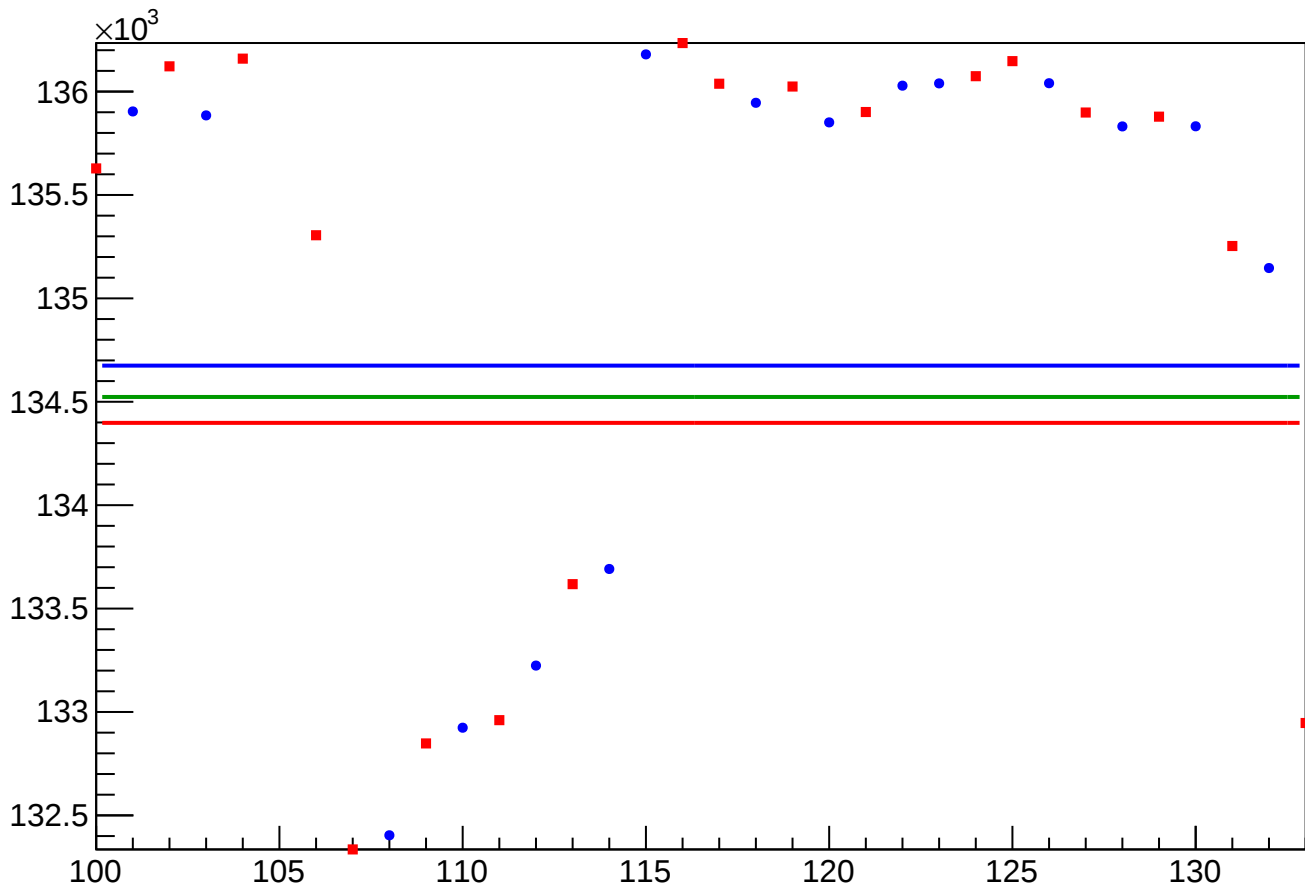
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.202 $\pm$ 0.050 χ^2 /NDF: 1095531.5/14

153.308 $\pm$ 0.033 χ^2 /NDF: 2243083.1/32

150.992 $\pm$ 0.044 χ^2 /NDF: 1141417.7/17

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

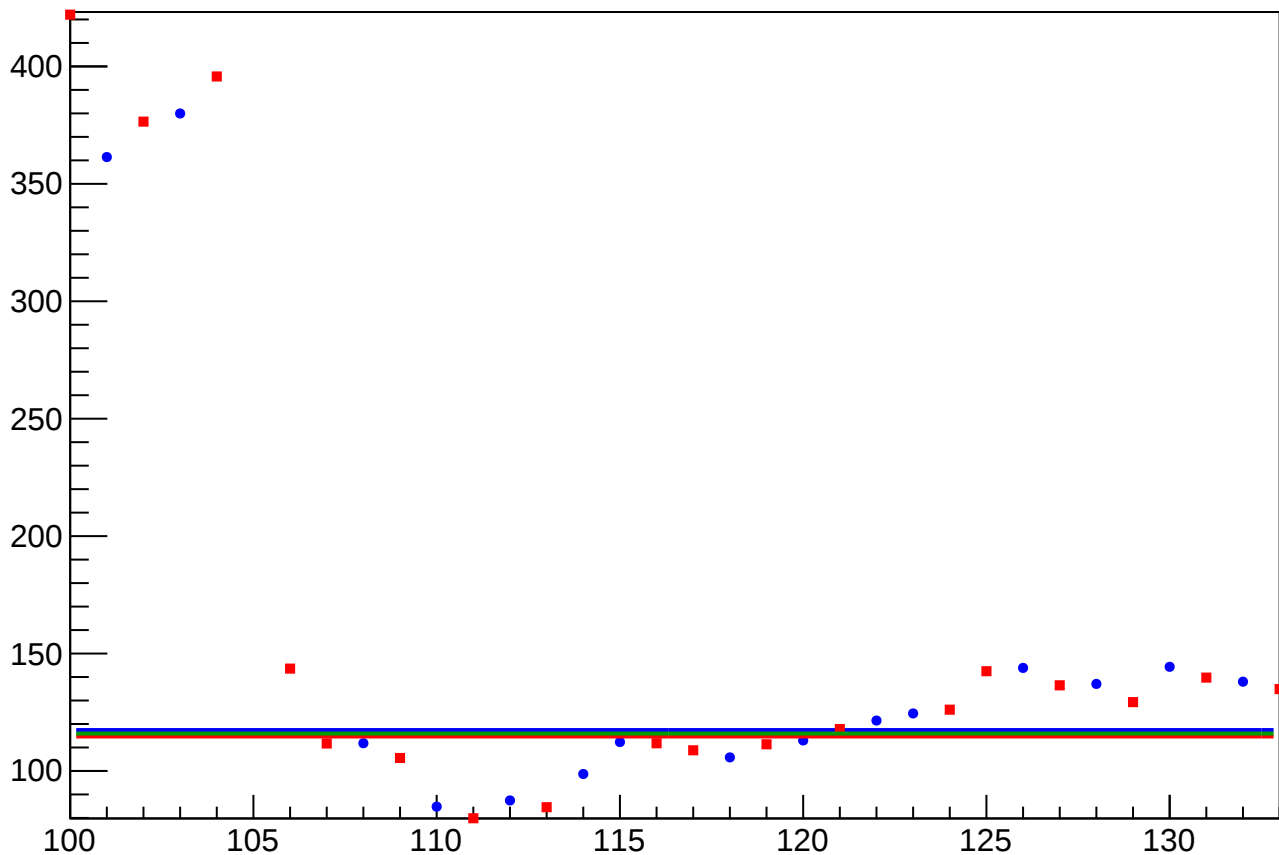
134523.246 $\pm$ 0.036 χ^2 /NDF: 164689534

Right Out: 134397.989 $\pm$ 0.049 χ^2 /NDF: 909593481.8/17

134397.989 $\pm$ 0.049 χ^2 /NDF: 909593481.8/17

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: 114.685+/-0.034 χ^2/NDF : 1495475.8/17

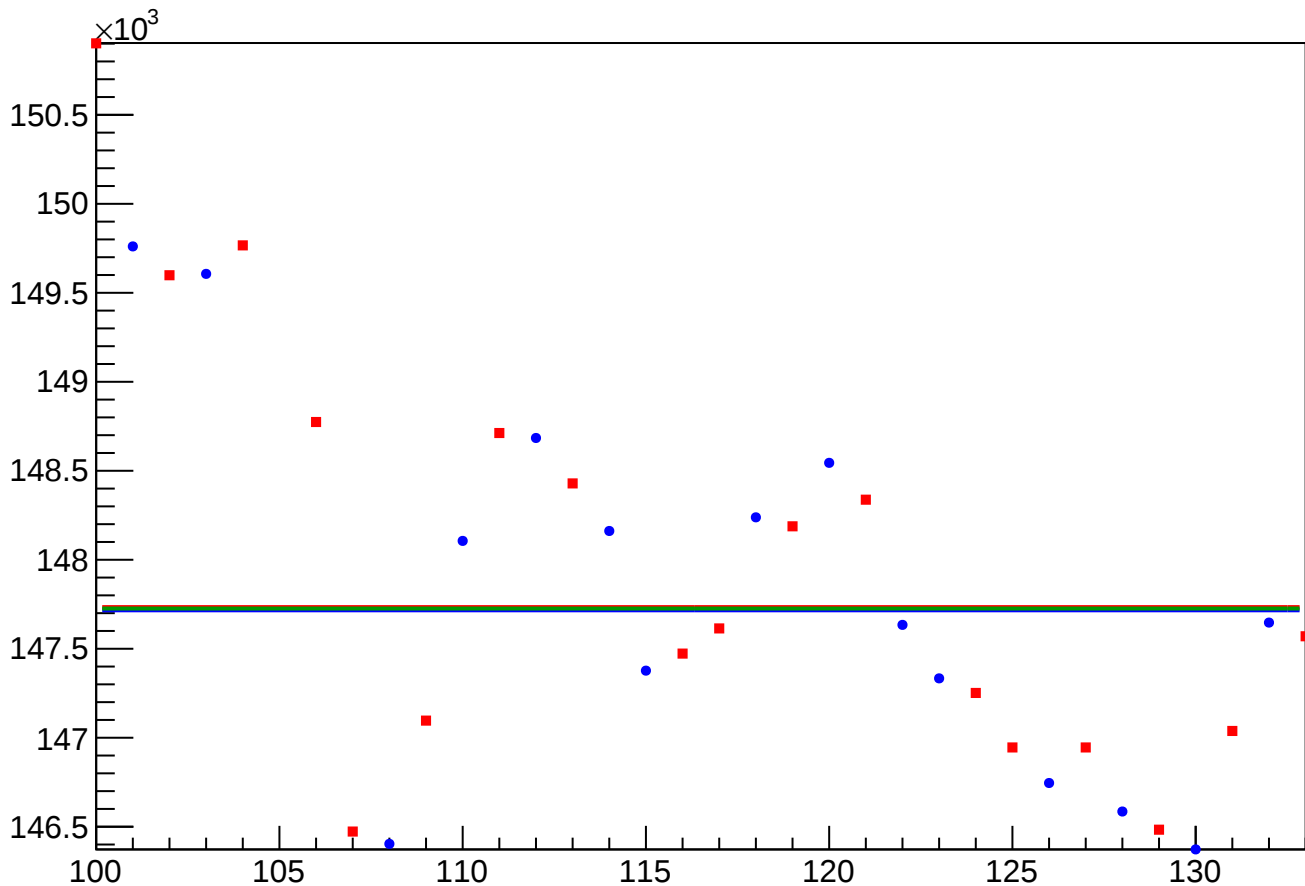
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.426+/-0.038 χ^2/NDF : 1393981.5/14

115.925+/-0.026 χ^2/NDF : 2892316.0/32

114.685+/-0.034 χ^2/NDF : 1495475.8/17

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

Right Out: 147734.066 $\pm$ 0.060 χ^2 /NDF: 200115409.5/17

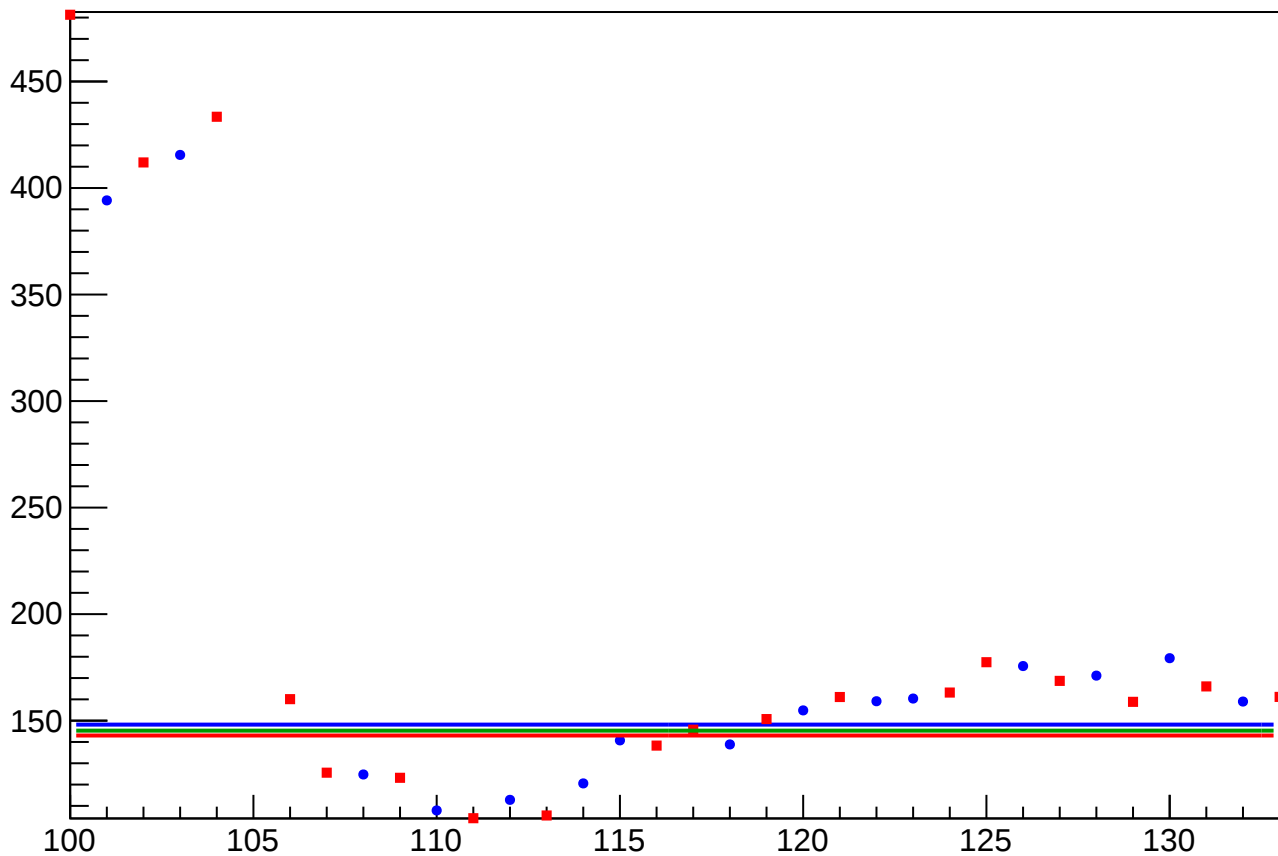
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147716.067 $\pm$ 0.067 χ^2 /NDF: 181147384.7/14

147726.031 $\pm$ 0.045 χ^2 /NDF: 381302764

147734.066 $\pm$ 0.060 χ^2 /NDF: 200115409.5/17

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: 143.033+/-0.043 χ^2/NDF : 1341542.8/17

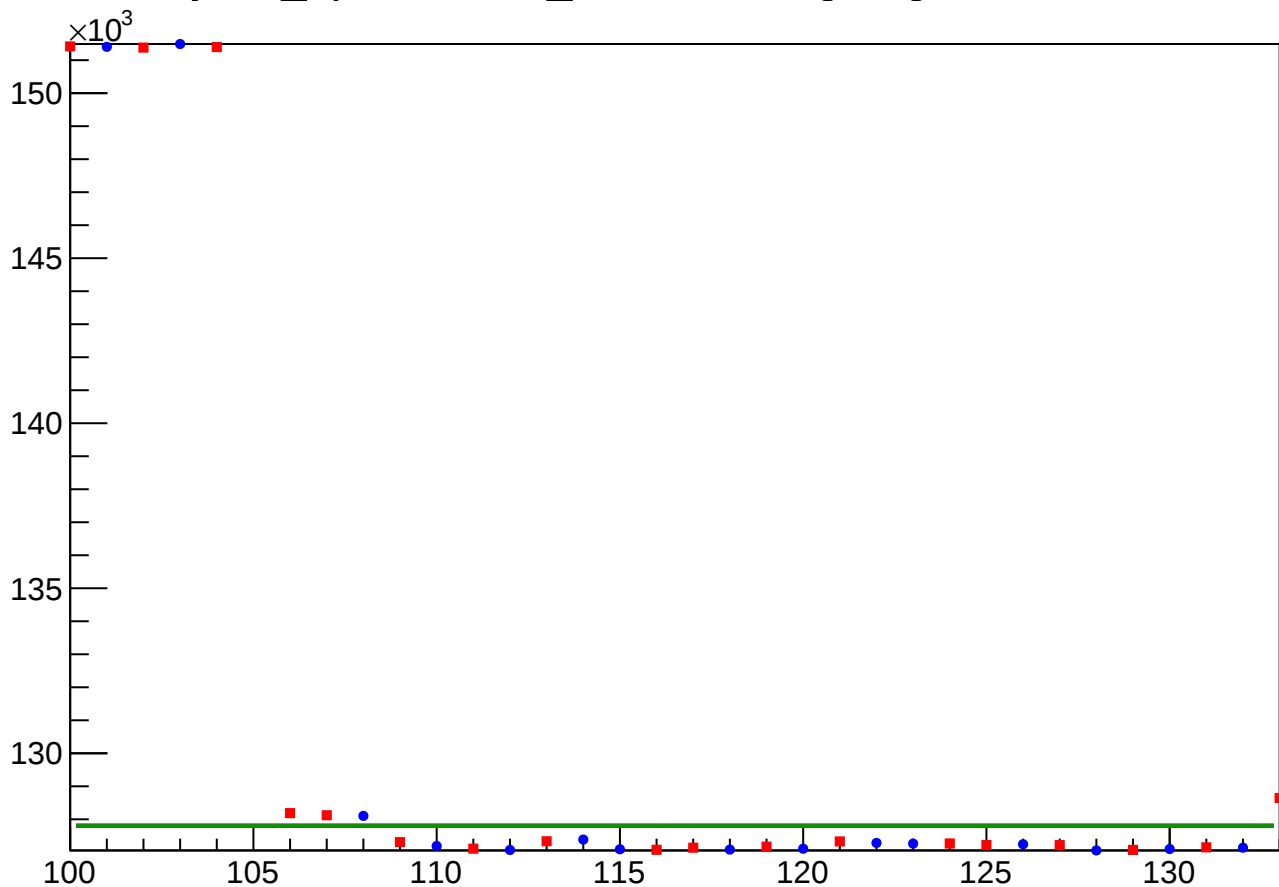
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.147+/-0.047 χ^2/NDF : 1220304.1/14

145.316+/-0.032 χ^2/NDF : 2568300.3/32

143.033+/-0.043 χ^2/NDF : 1341542.8/17

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: 127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

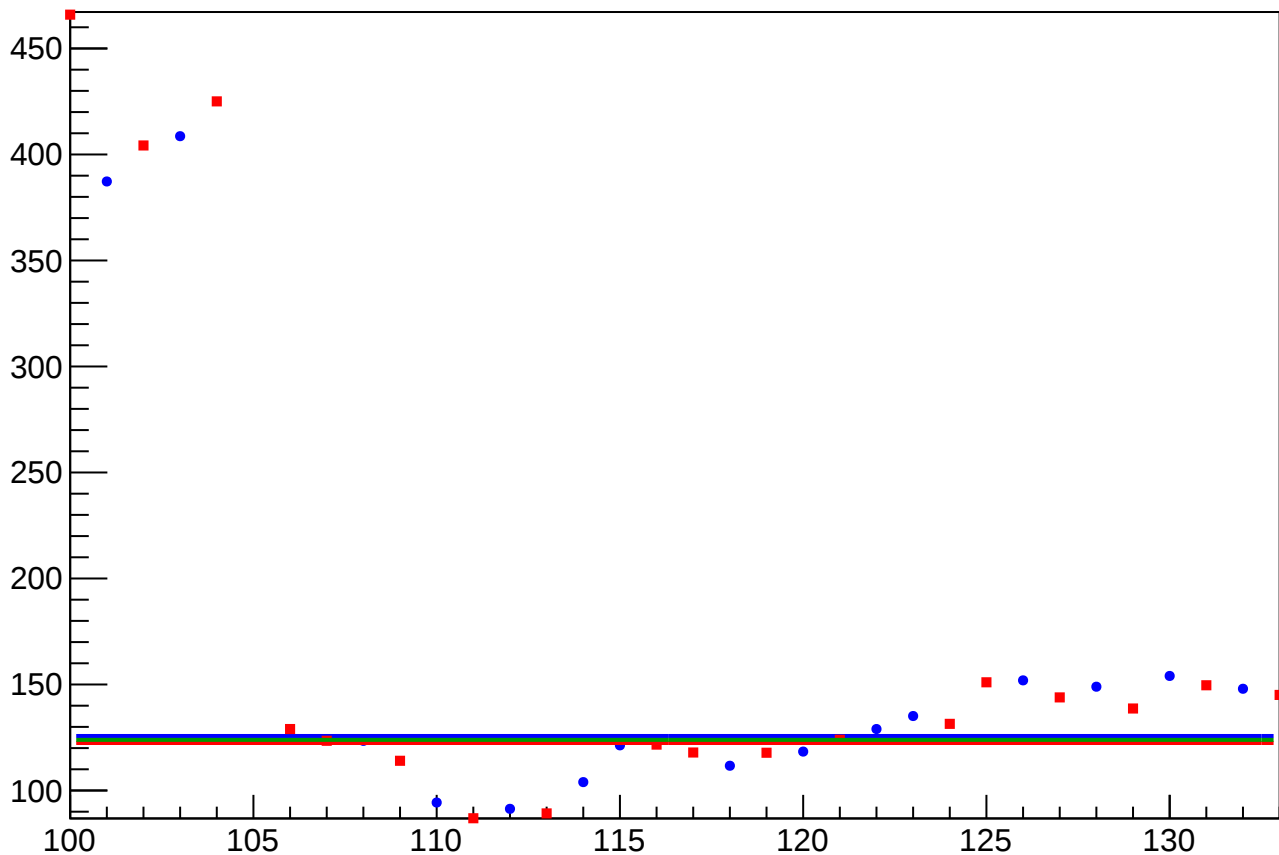
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127804.562 $\pm$ 0.057 χ^2 /NDF: 4202893857.8/14

127805.413 $\pm$ 0.038 χ^2 /NDF: 788344953

127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

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: 122.404+/-0.037 χ^2/NDF : 1470417.6/17

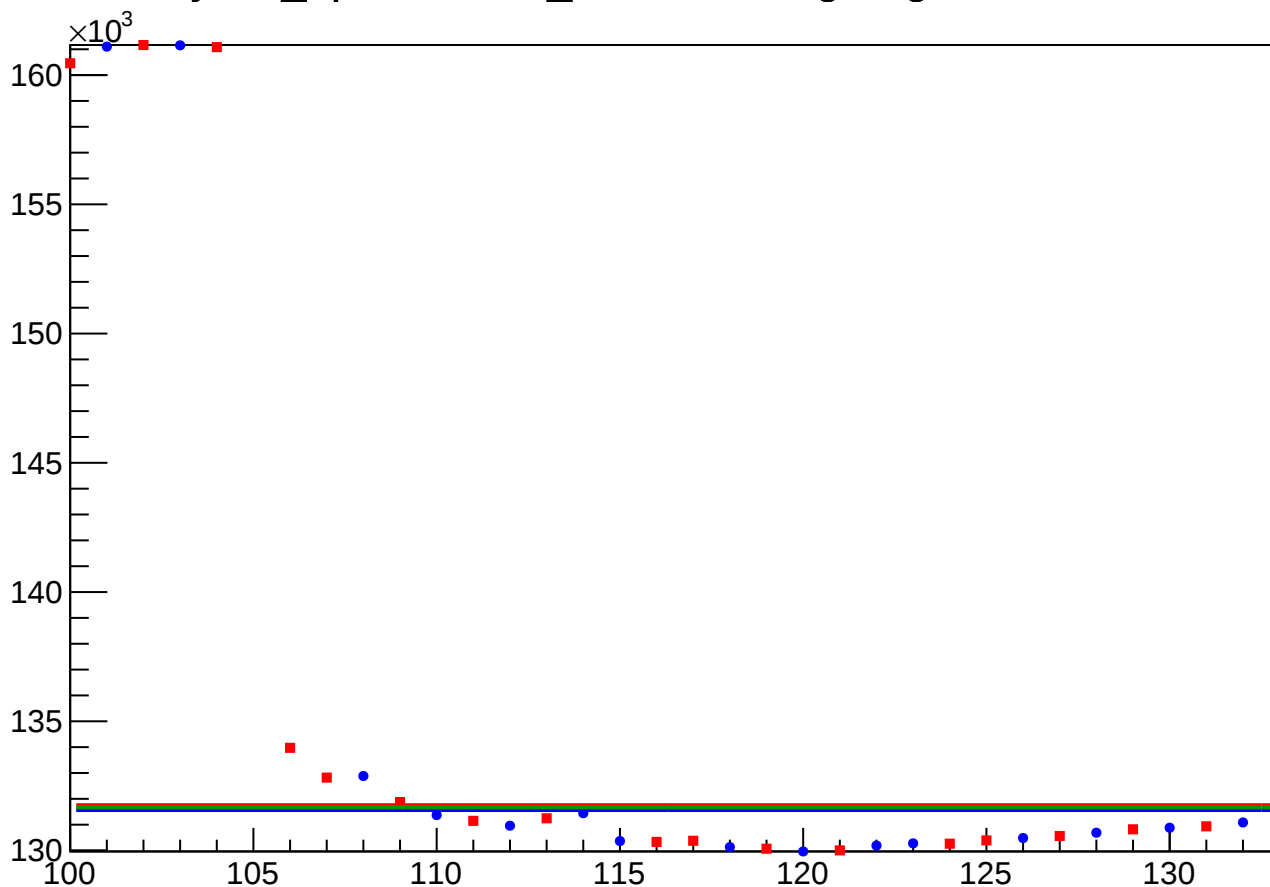
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.711+/-0.041 χ^2/NDF : 1394261.3/14

123.884+/-0.027 χ^2/NDF : 2868340.6/32

122.404+/-0.037 χ^2/NDF : 1470417.6/17

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: 131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

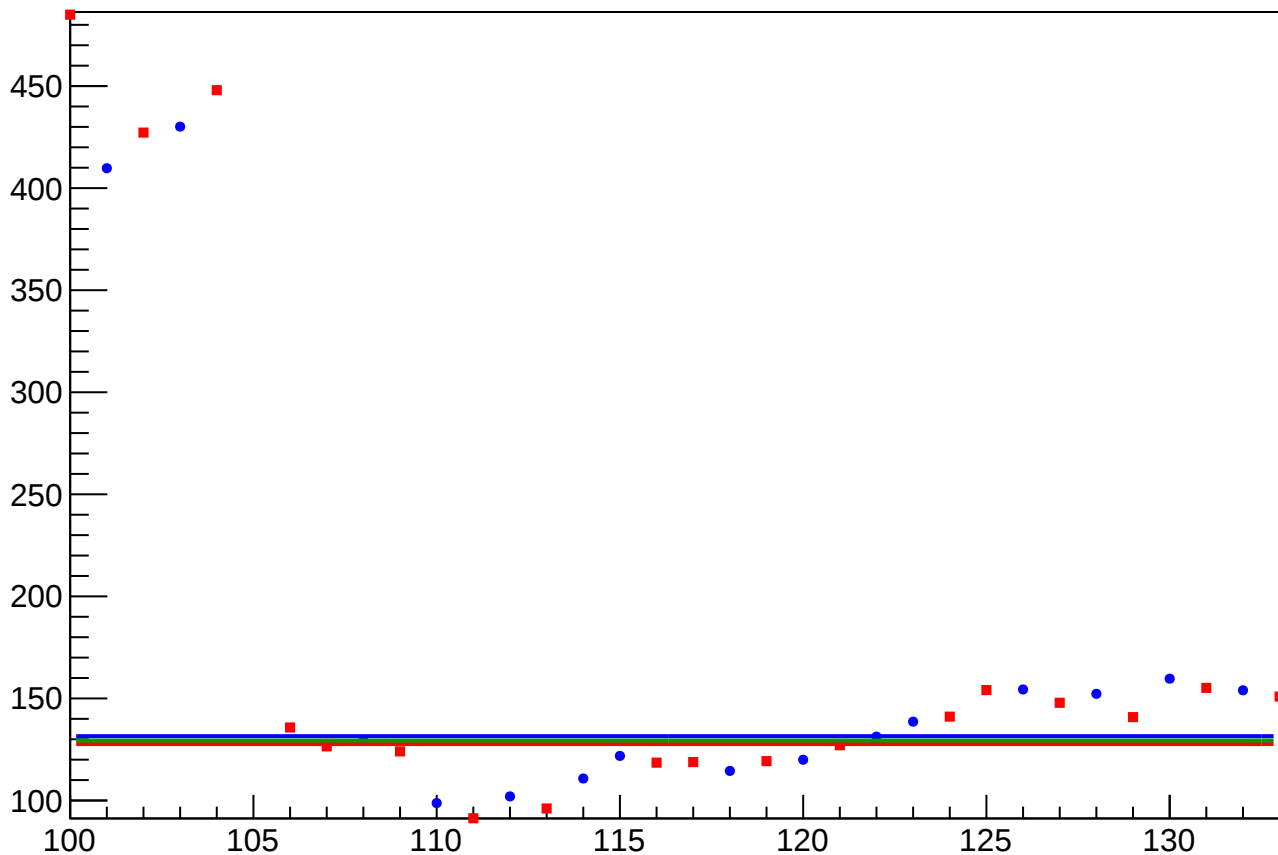
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131567.093 $\pm$ 0.060 χ^2 /NDF: 6021694314.6/14

131670.417 $\pm$ 0.040 χ^2 /NDF: 114727904

131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

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: 127.650 $\pm$ 0.038 χ^2 /NDF: 1438192.6/17

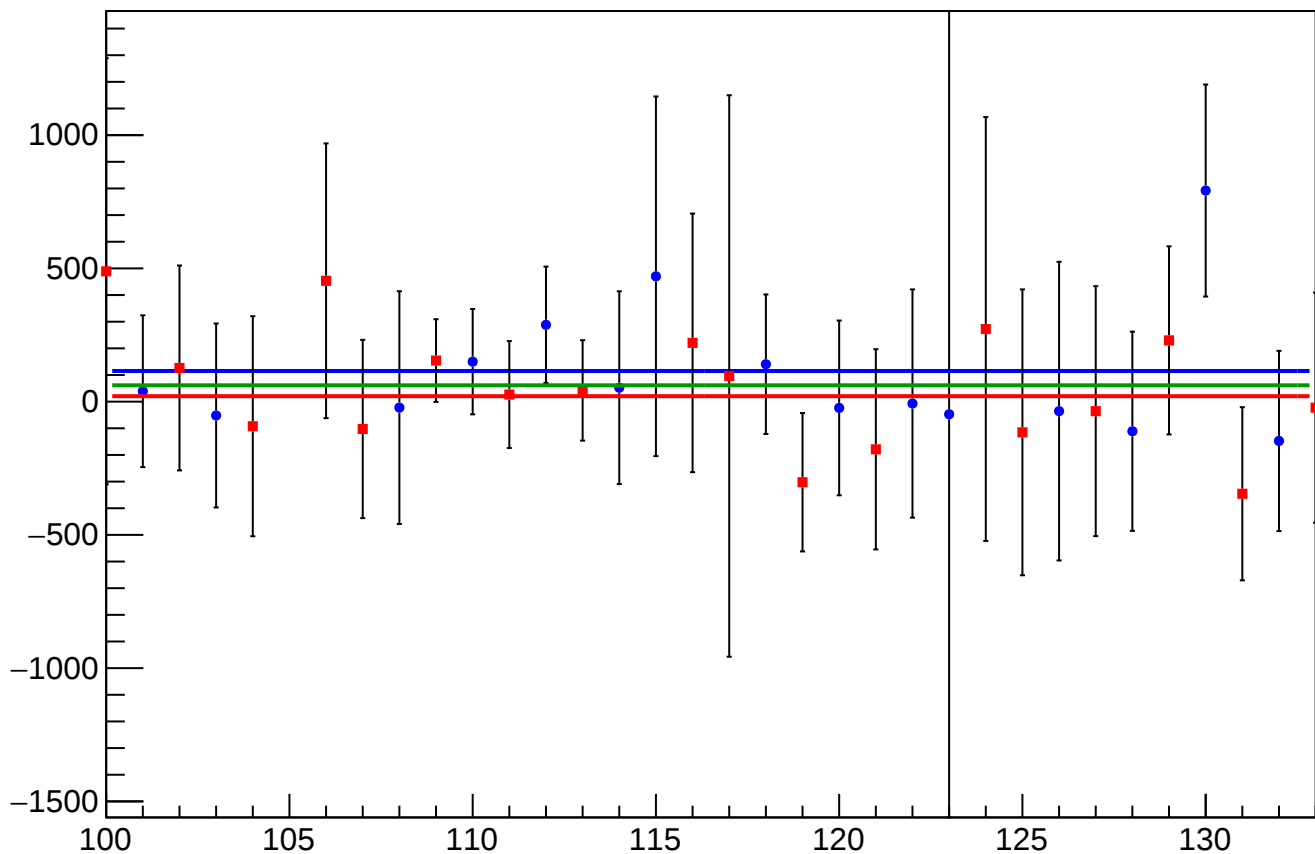
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131.515 $\pm$ 0.042 χ^2 /NDF: 1349245.4/14

129.376 $\pm$ 0.028 χ^2 /NDF: 2792037.1/32

127.650 $\pm$ 0.038 χ^2 /NDF: 1438192.6/17

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 115.041 ± 85.272 χ^2/NDF : 5.6/14

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

Right Out: 20.495 ± 74.341 χ^2/NDF : 5.9/17

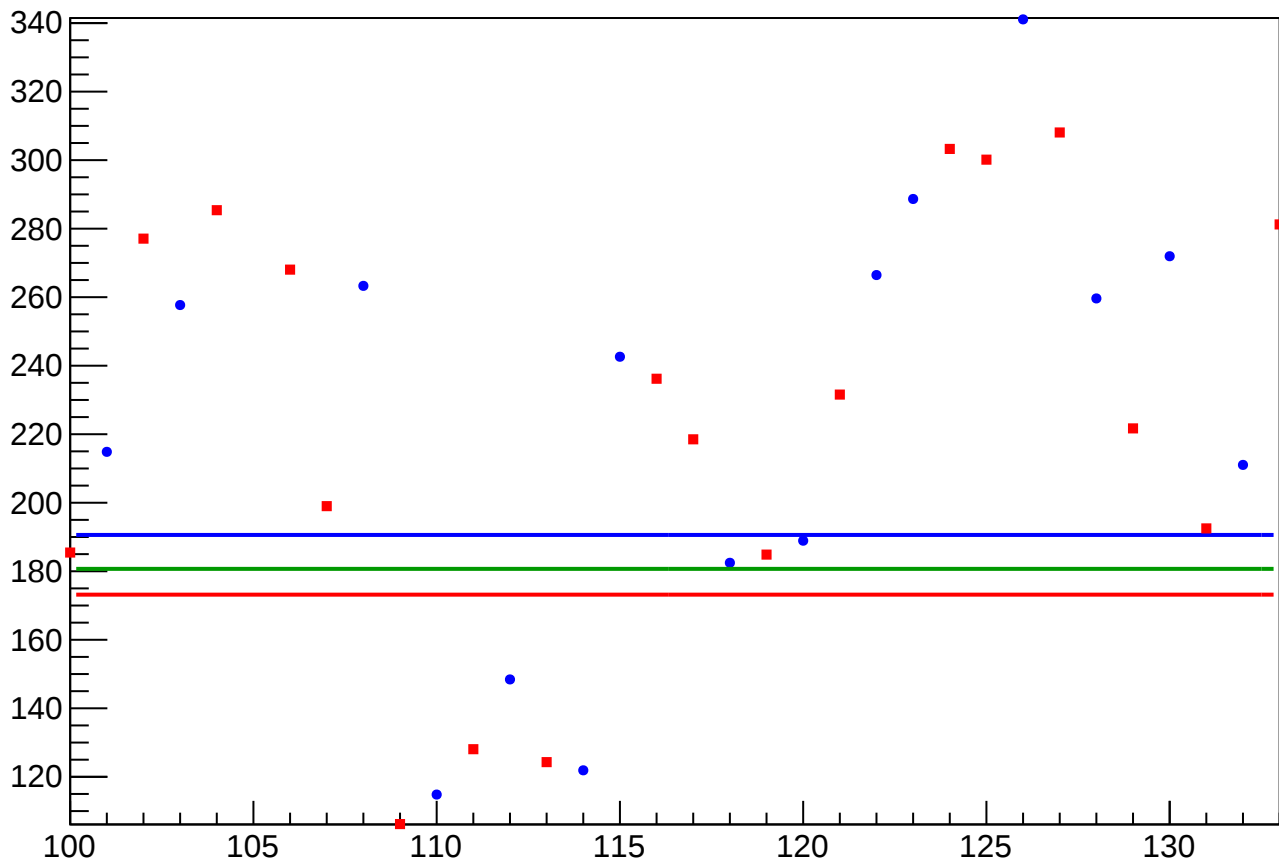
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

115.041 ± 85.272 χ^2/NDF : 5.6/14

61.323 ± 56.036 χ^2/NDF : 12.2/32

20.495 ± 74.341 χ^2/NDF : 5.9/17

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: 173.174 $\pm$ 0.053 χ^2 /NDF: 1573030.7/17

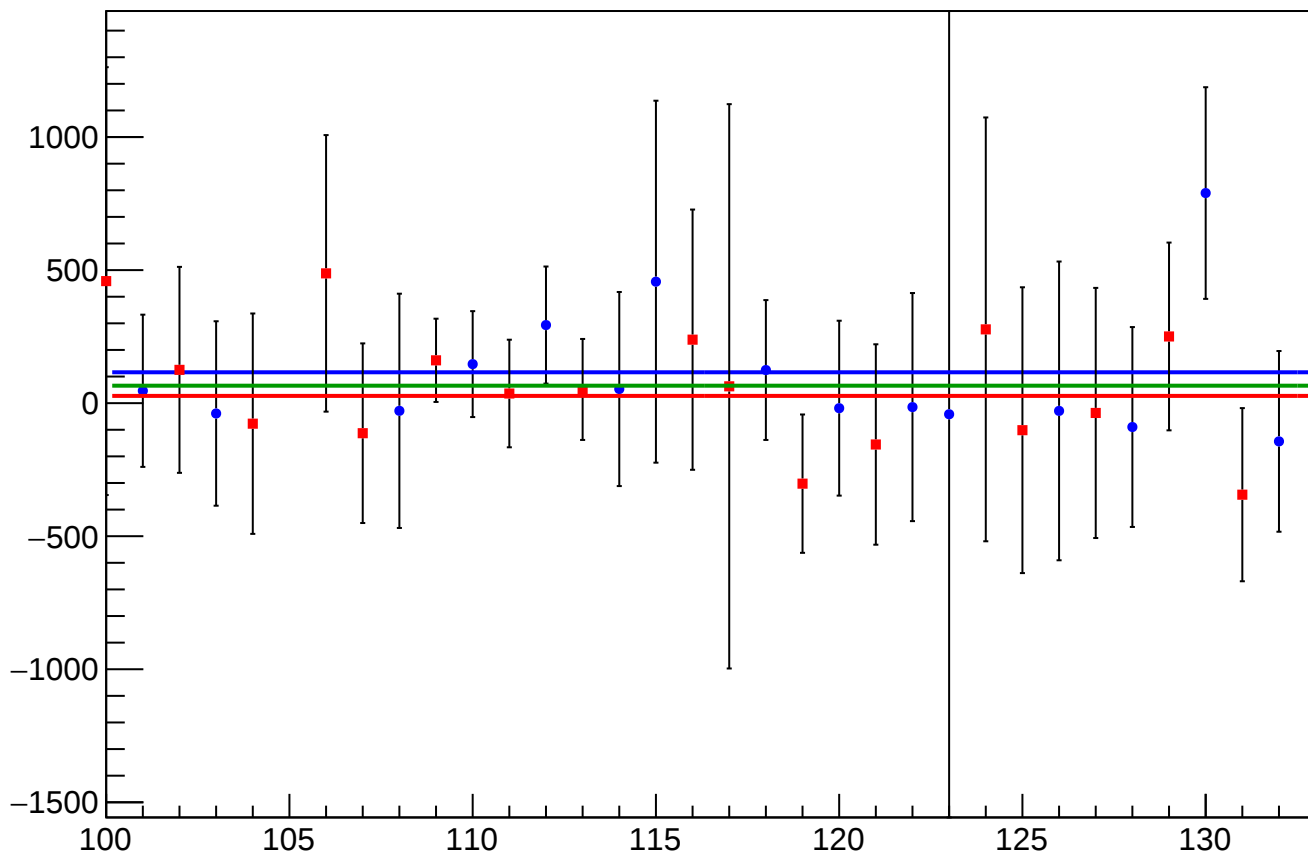
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

190.603 $\pm$ 0.060 χ^2 /NDF: 974317.2/14

180.701 $\pm$ 0.040 χ^2 /NDF: 2594815.8/32

173.174 $\pm$ 0.053 χ^2 /NDF: 1573030.7/17

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 116.025 $\pm$ 85.695 χ^2 /NDF: 5.4/14

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

Right Out: 27.275 $\pm$ 74.763 χ^2 /NDF: 6.0/17

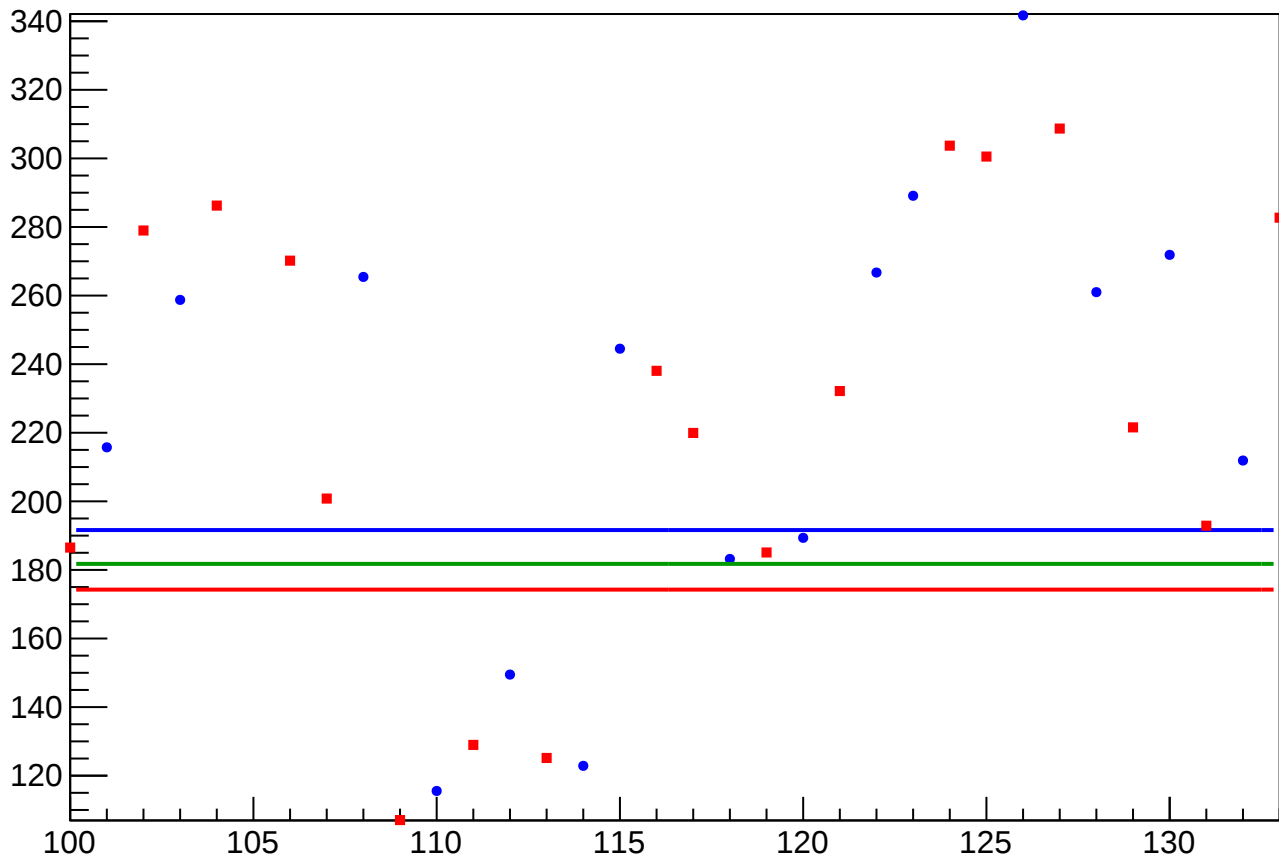
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.025 $\pm$ 85.695 χ^2 /NDF: 5.4/14

65.631 $\pm$ 56.336 χ^2 /NDF: 12.1/32

27.275 $\pm$ 74.763 χ^2 /NDF: 6.0/17

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: 174.258 $\pm$ 0.053 χ^2 /NDF: 1559847.7/17

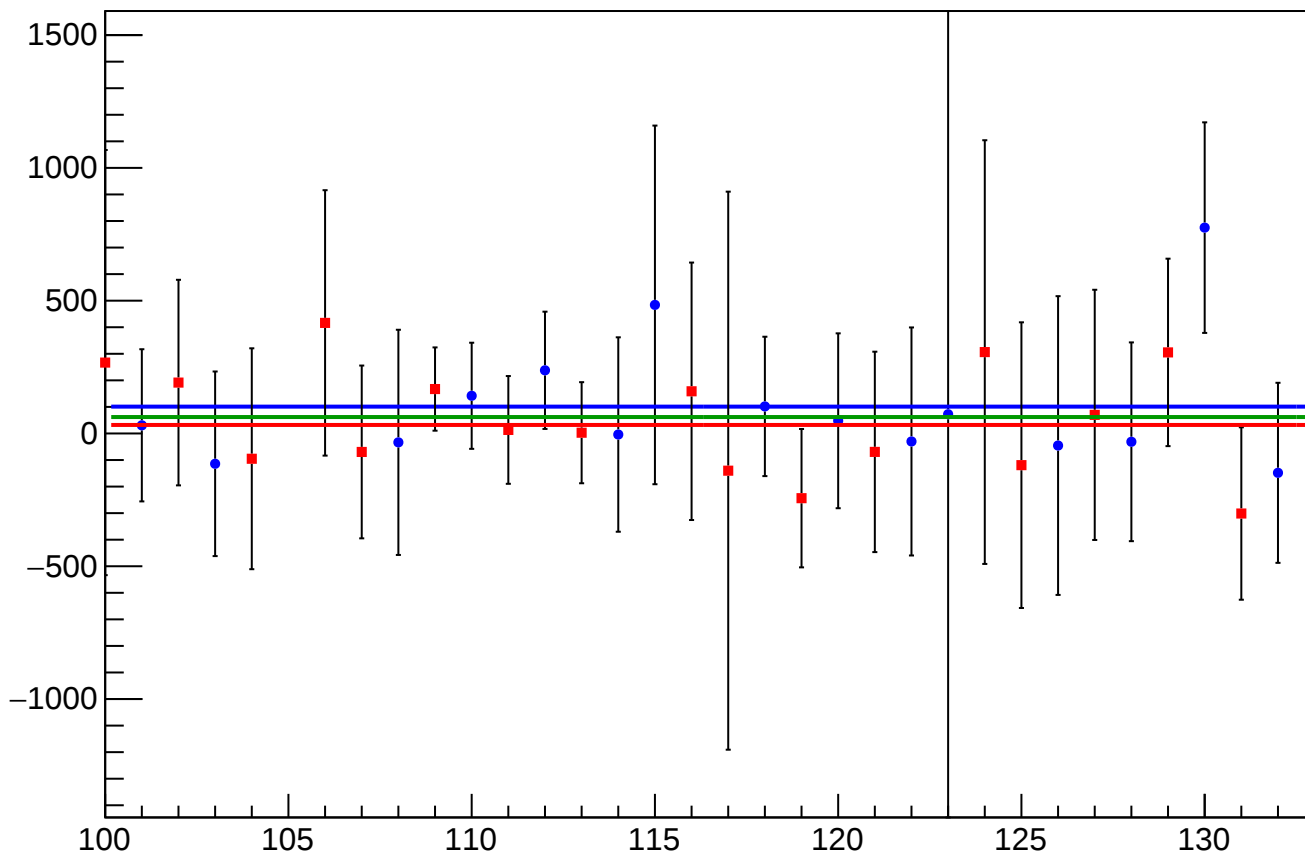
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.624 $\pm$ 0.061 χ^2 /NDF: 965839.5/14

181.763 $\pm$ 0.040 χ^2 /NDF: 2572325.2/32

174.258 $\pm$ 0.053 χ^2 /NDF: 1559847.7/17

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: 32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

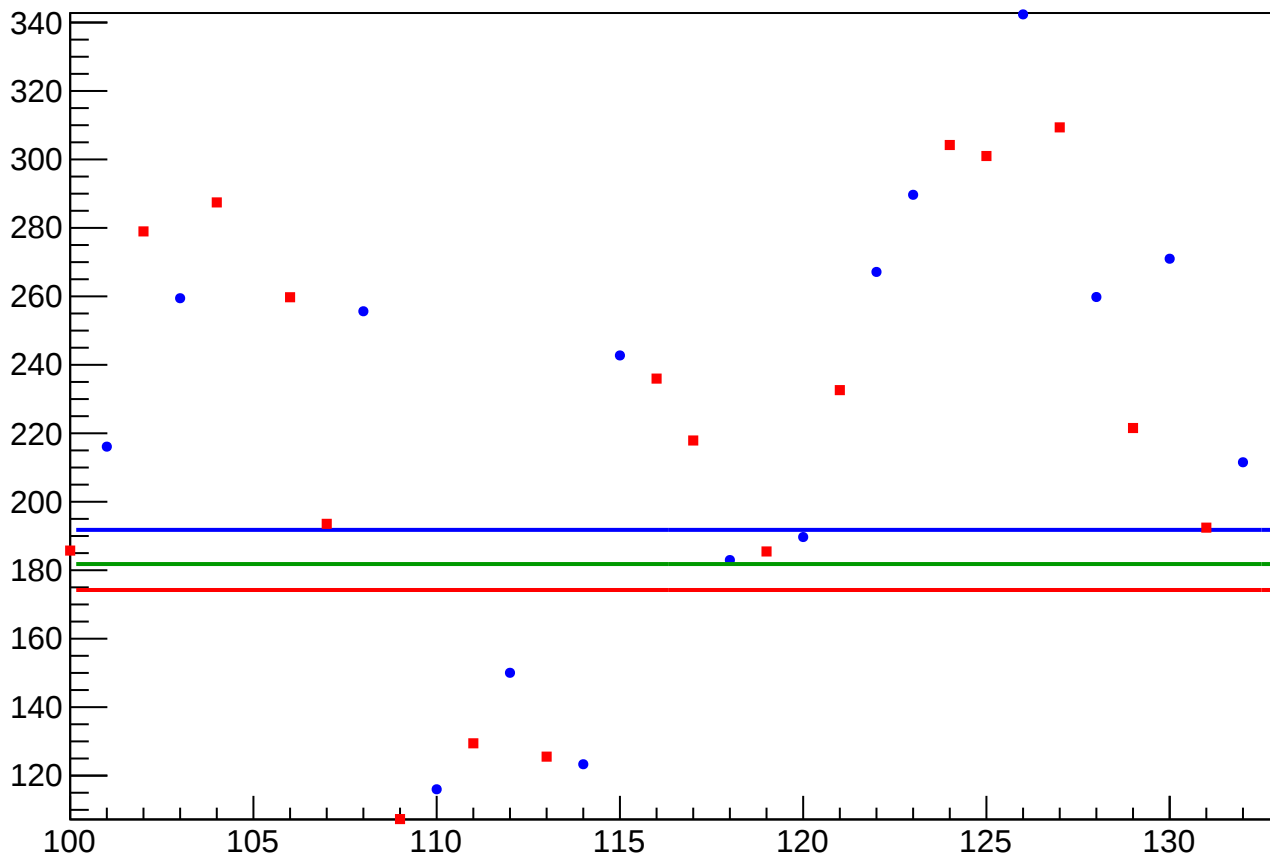
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.070 $\pm$ 85.681 χ^2 /NDF: 5.1/14

61.840 $\pm$ 56.292 χ^2 /NDF: 10.5/32

32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

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: 174.226 $\pm$ 0.053 χ^2 /NDF: 1536614.7/17

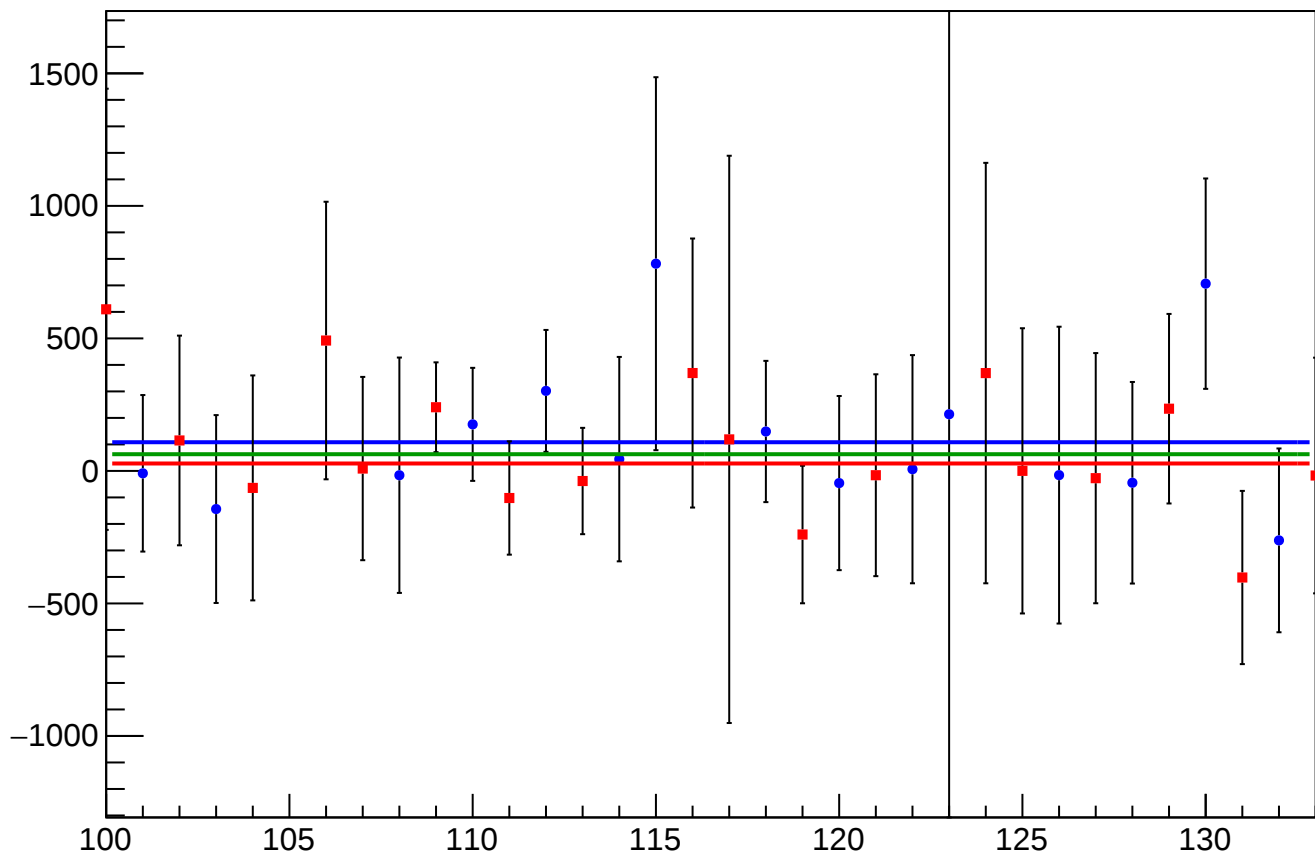
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.787 $\pm$ 0.061 χ^2 /NDF: 944434.2/14

181.806 $\pm$ 0.040 χ^2 /NDF: 2528797.3/32

174.226 $\pm$ 0.053 χ^2 /NDF: 1536614.7/17

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: 28.036 $\pm$ 77.786 χ^2 /NDF: 7.2/17

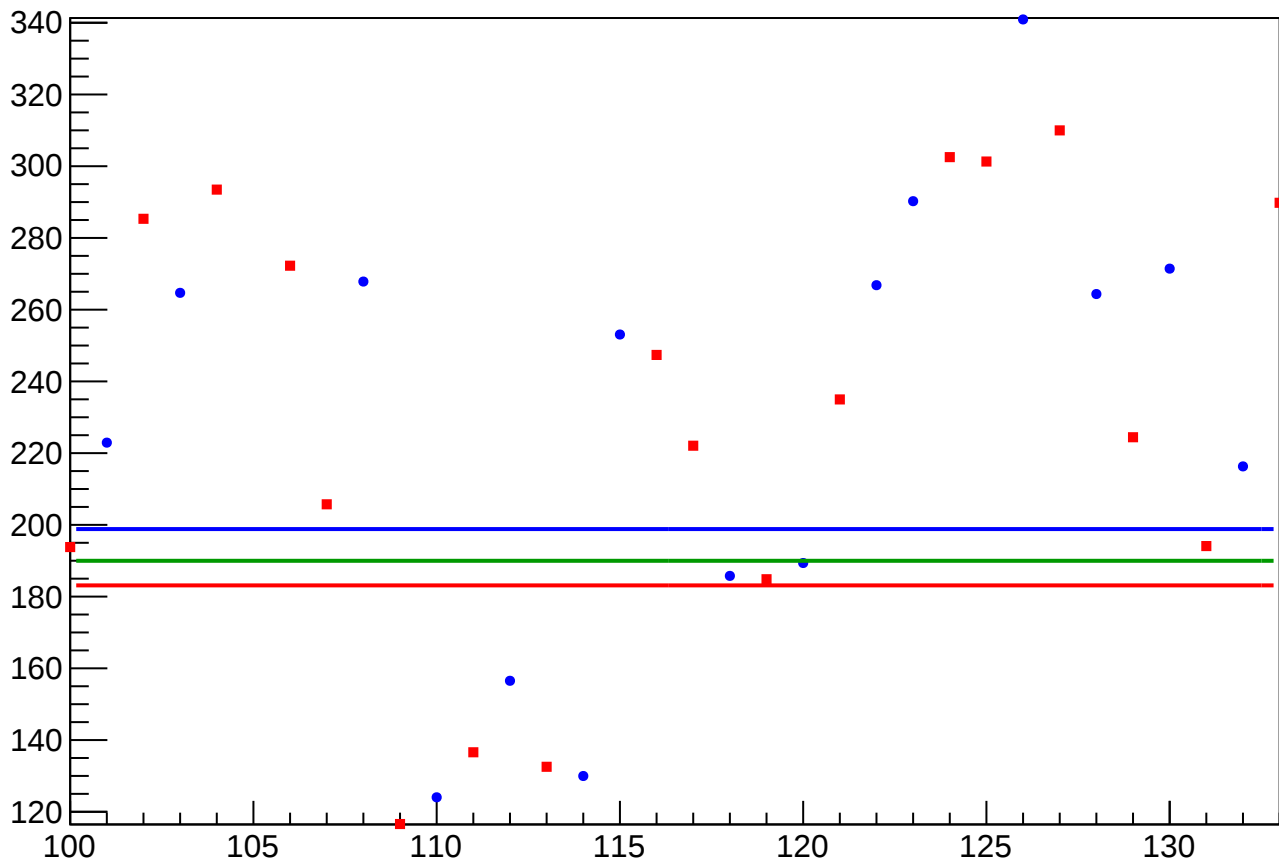
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.259 $\pm$ 88.355 χ^2 /NDF: 6.4/14

63.065 $\pm$ 58.384 χ^2 /NDF: 14.1/32

28.036 $\pm$ 77.786 χ^2 /NDF: 7.2/17

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 198.829 $\pm$ 0.062 χ^2 /NDF: 843883.8/14

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

Right Out: 183.125 $\pm$ 0.055 χ^2 /NDF: 1368440.2/17

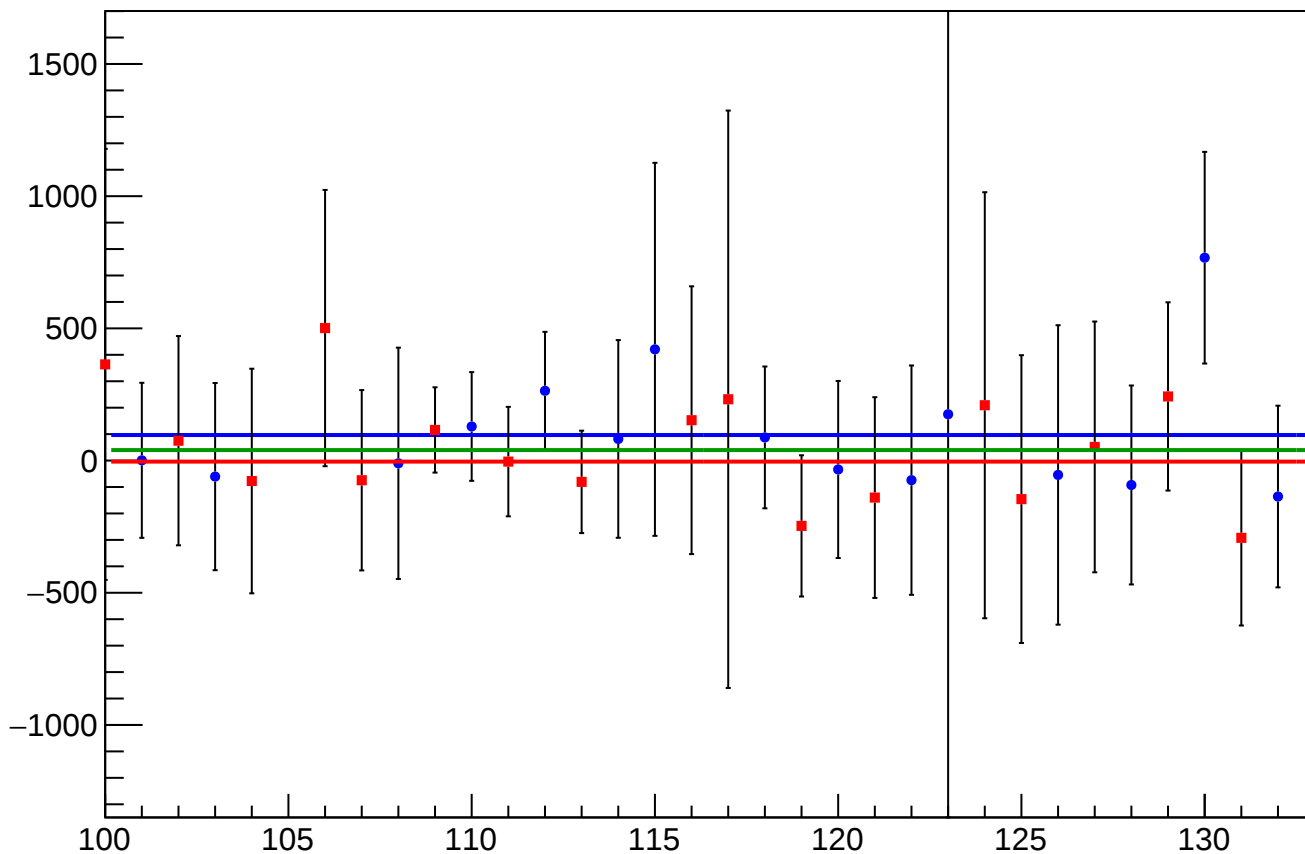
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

198.829 $\pm$ 0.062 χ^2 /NDF: 843883.8/14

189.982 $\pm$ 0.041 χ^2 /NDF: 2247920.1/32

183.125 $\pm$ 0.055 χ^2 /NDF: 1368440.2/17

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 96.616+/-87.291 χ^2/NDF : 5.1/14

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

Right Out: -3.911+/-76.384 χ^2/NDF : 4.5/17

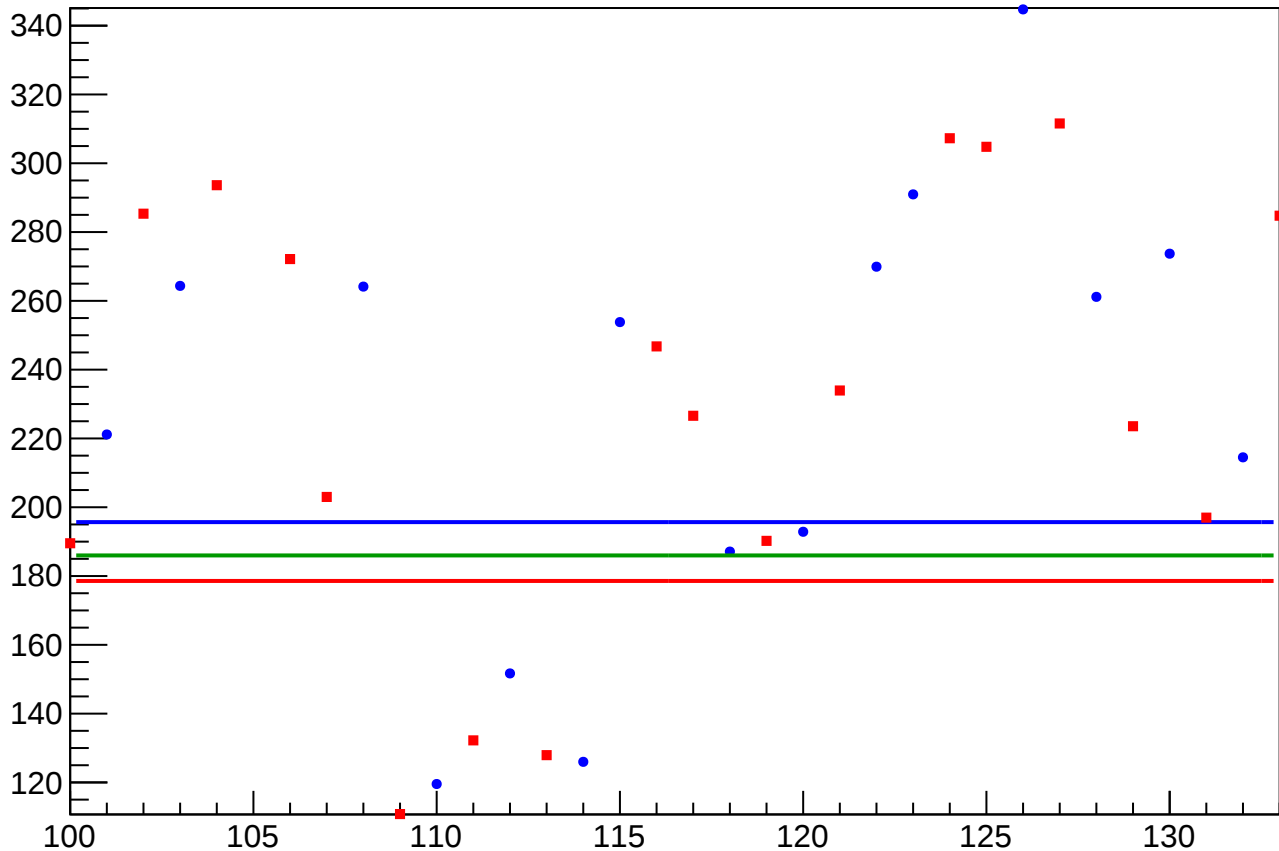
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.616+/-87.291 χ^2/NDF : 5.1/14

39.683+/-57.483 χ^2/NDF : 10.3/32

-3.911+/-76.384 χ^2/NDF : 4.5/17

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: 178.573 $\pm$ 0.054 χ^2 /NDF: 1515386.6/17

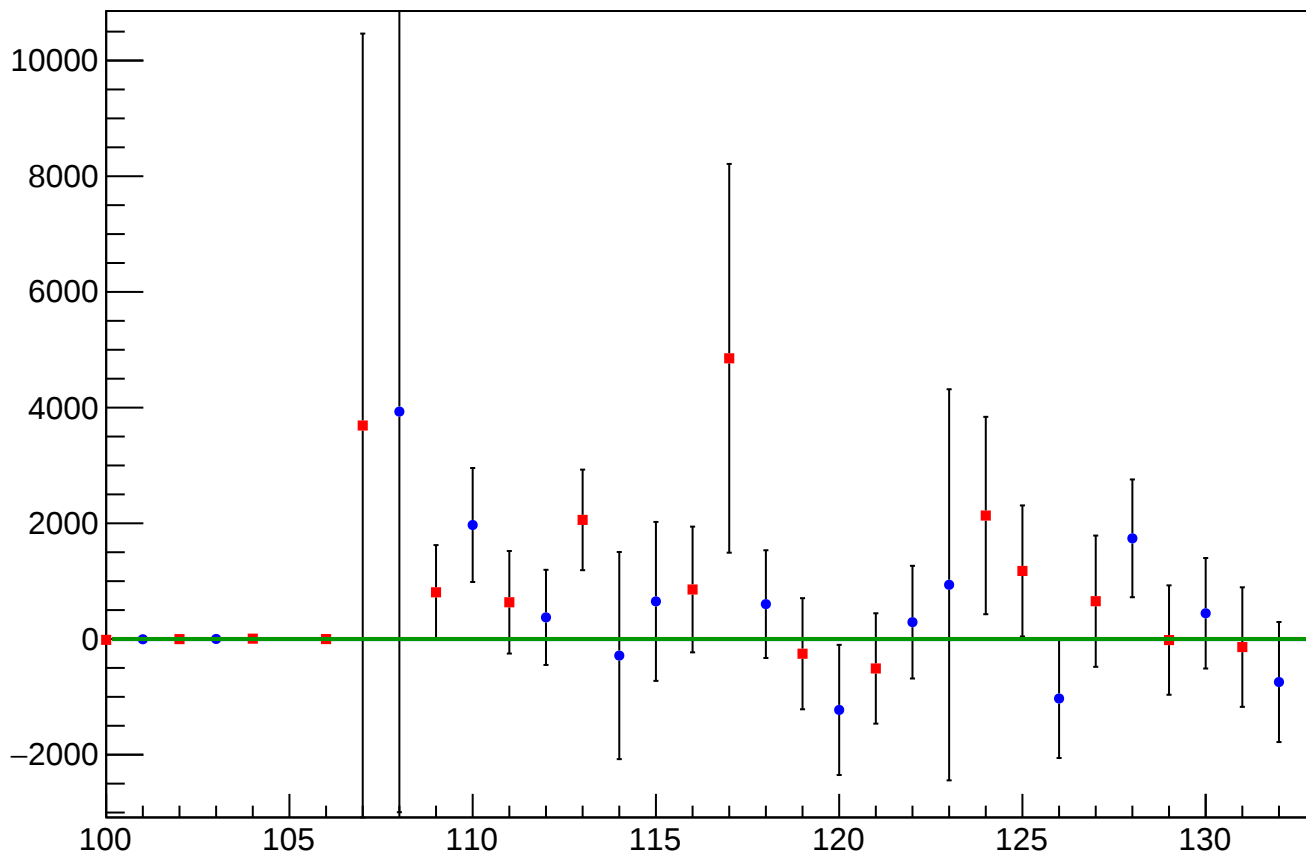
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

195.676 $\pm$ 0.062 χ^2 /NDF: 924283.9/14

185.990 $\pm$ 0.041 χ^2 /NDF: 2483151.9/32

178.573 $\pm$ 0.054 χ^2 /NDF: 1515386.6/17

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: 0.741+/-2.111 χ^2/NDF : 19.7/17

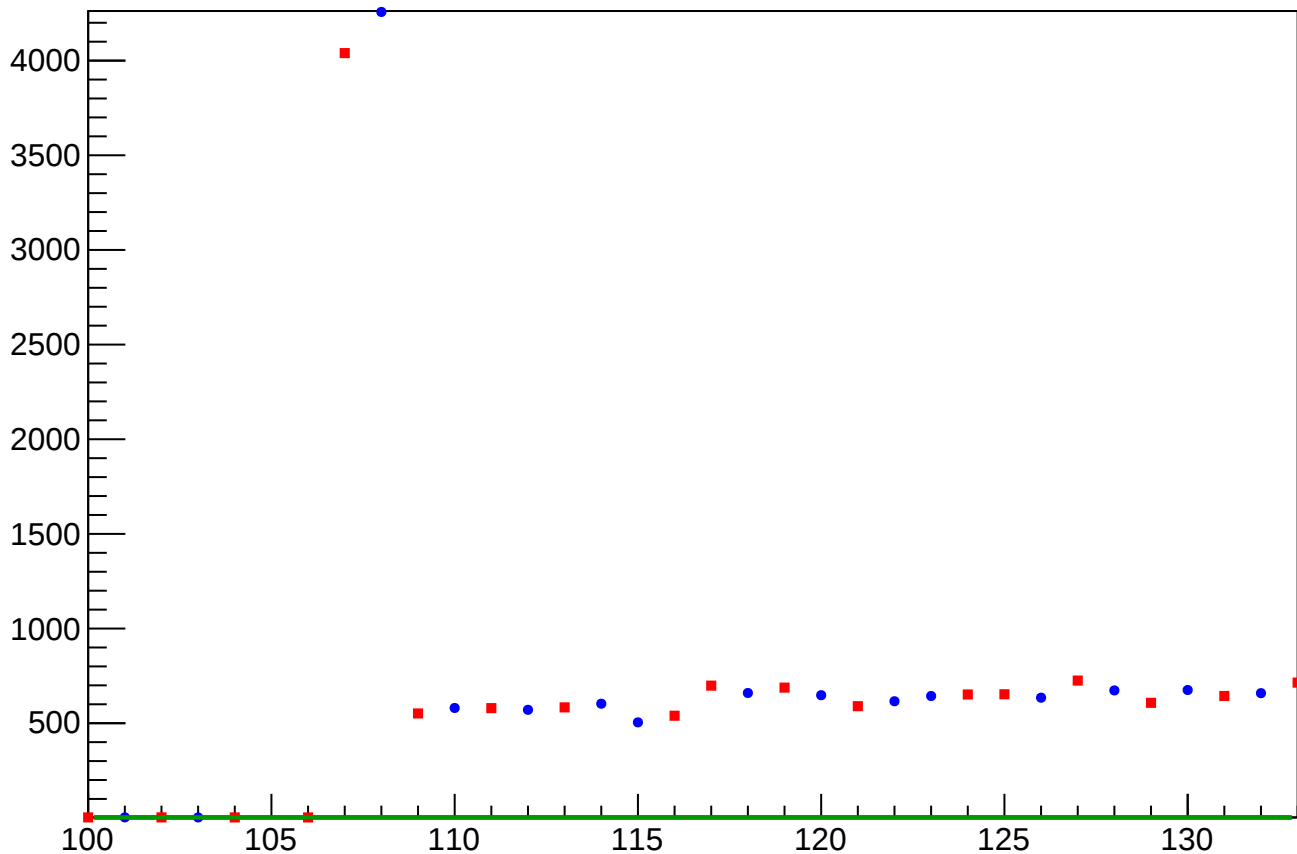
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.502+/-2.251 χ^2/NDF : 12.5/14

-0.308+/-1.540 χ^2/NDF : 32.7/32

0.741+/-2.111 χ^2/NDF : 19.7/17

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: 2.429+/-0.001 χ^2/NDF : 9924754.5/17

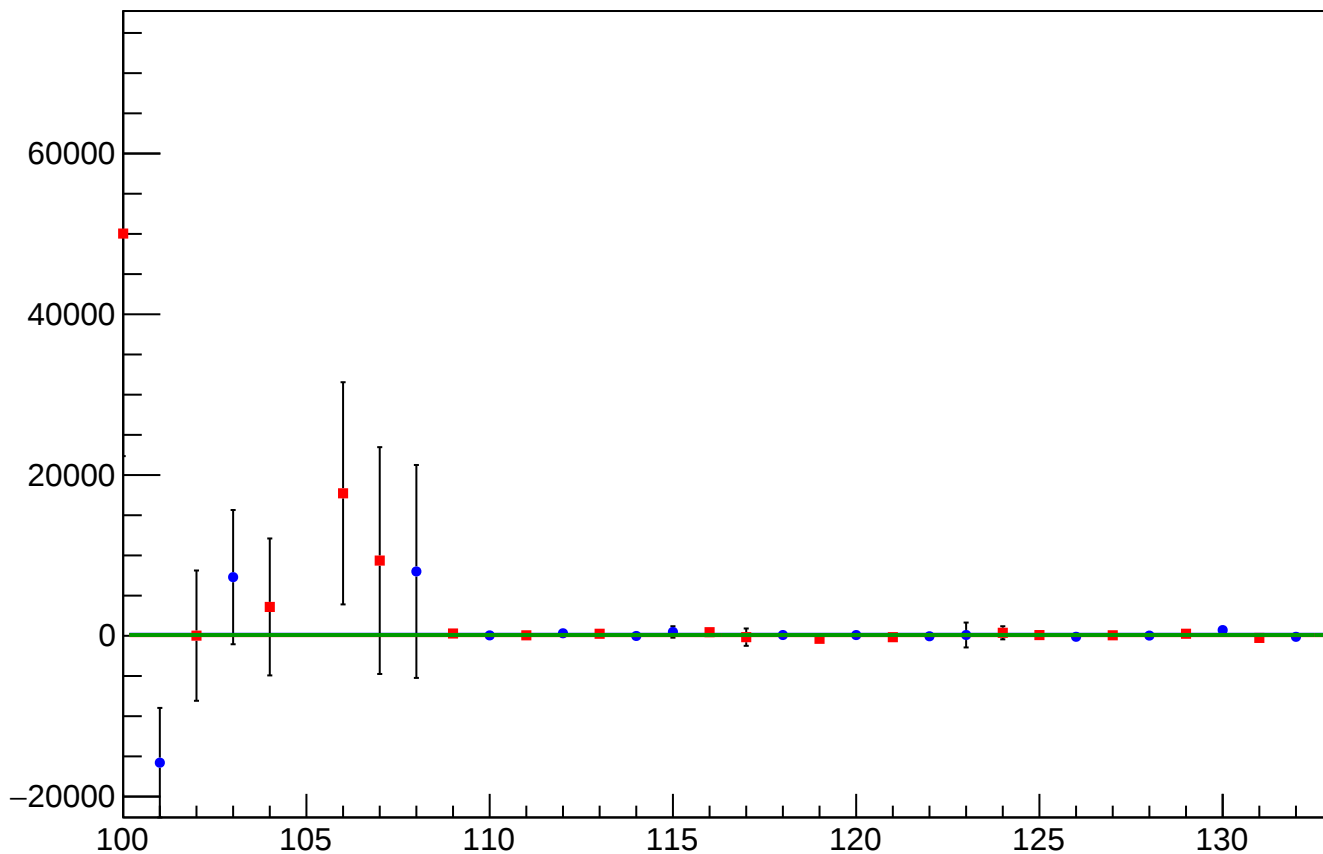
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.444+/-0.002 χ^2/NDF : 8842223.4/14

2.436+/-0.001 χ^2/NDF : 18767021.8/32

2.429+/-0.001 χ^2/NDF : 9924754.5/17

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 126.560 $\pm$ 99.471 χ^2 /NDF: 10.8/14

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

Right Out: 84.906 $\pm$ 91.340 χ^2 /NDF: 12.0/17

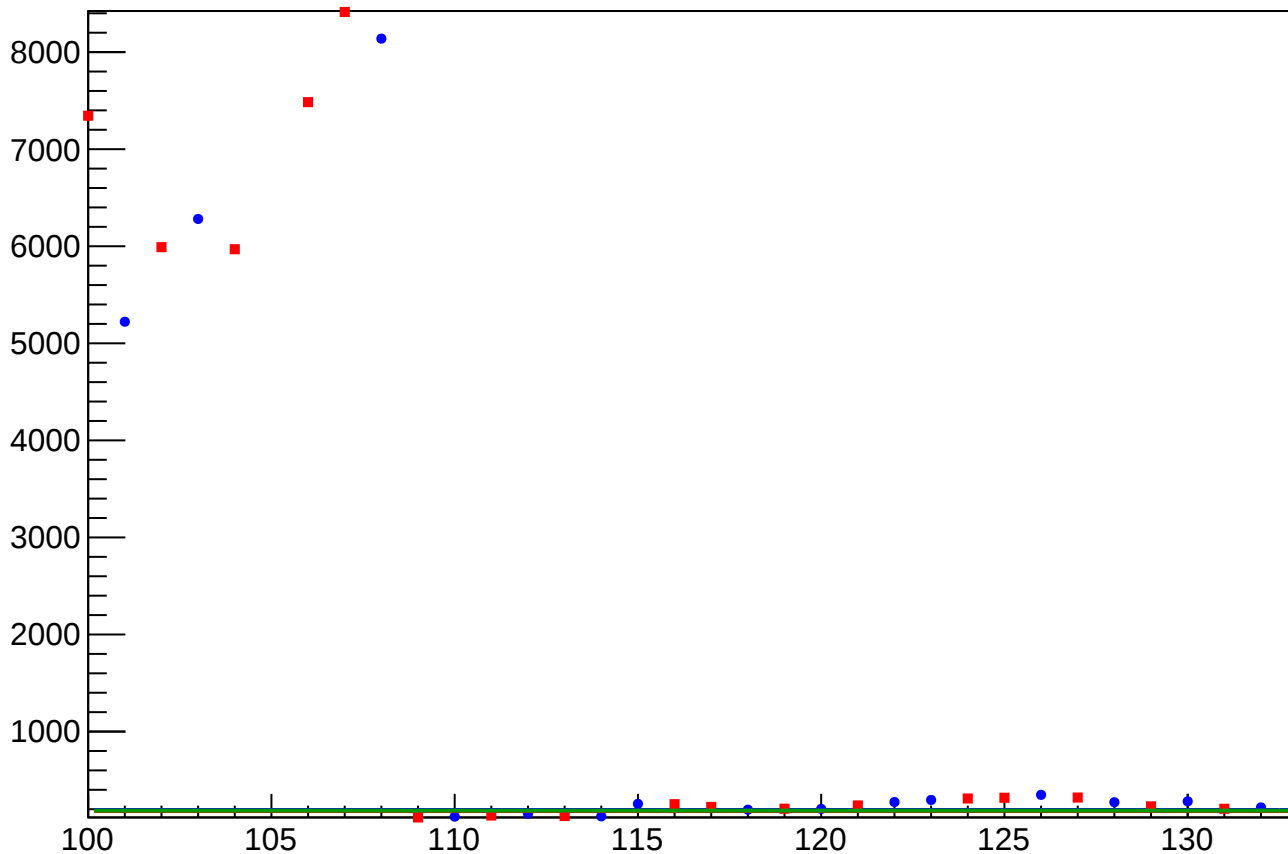
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

126.560 $\pm$ 99.471 χ^2 /NDF: 10.8/14

103.961 $\pm$ 67.278 χ^2 /NDF: 22.8/32

84.906 $\pm$ 91.340 χ^2 /NDF: 12.0/17

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: 181.001+/-0.065 χ^2/NDF : 4313702.4/17

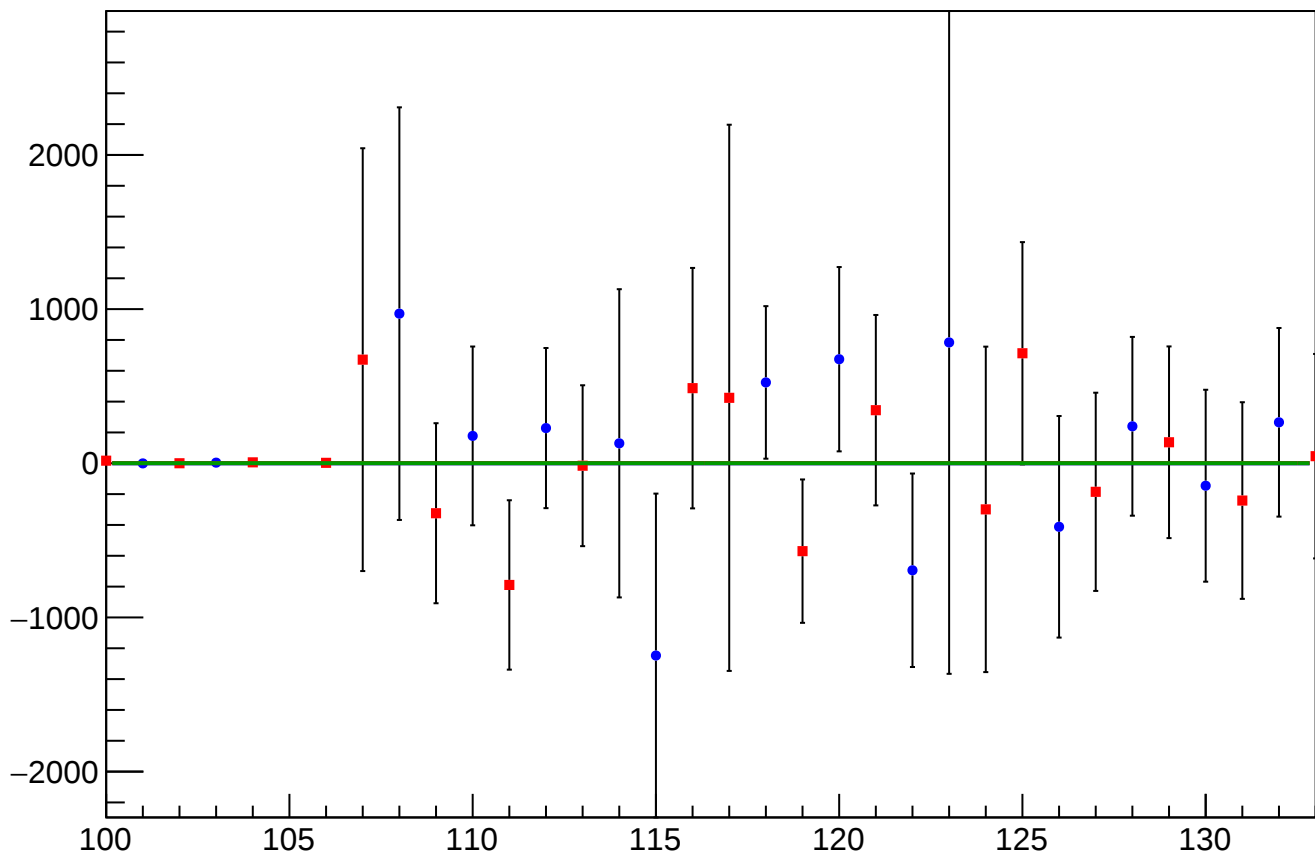
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.741+/-0.070 χ^2/NDF : 3634187.4/14

185.914+/-0.048 χ^2/NDF : 7960539.9/32

181.001+/-0.065 χ^2/NDF : 4313702.4/17

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.149 ± 1.737 $\chi^2/\text{NDF}: 7.6/14$

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

Right Out: 1.325 ± 1.623 $\chi^2/\text{NDF}: 9.0/17$

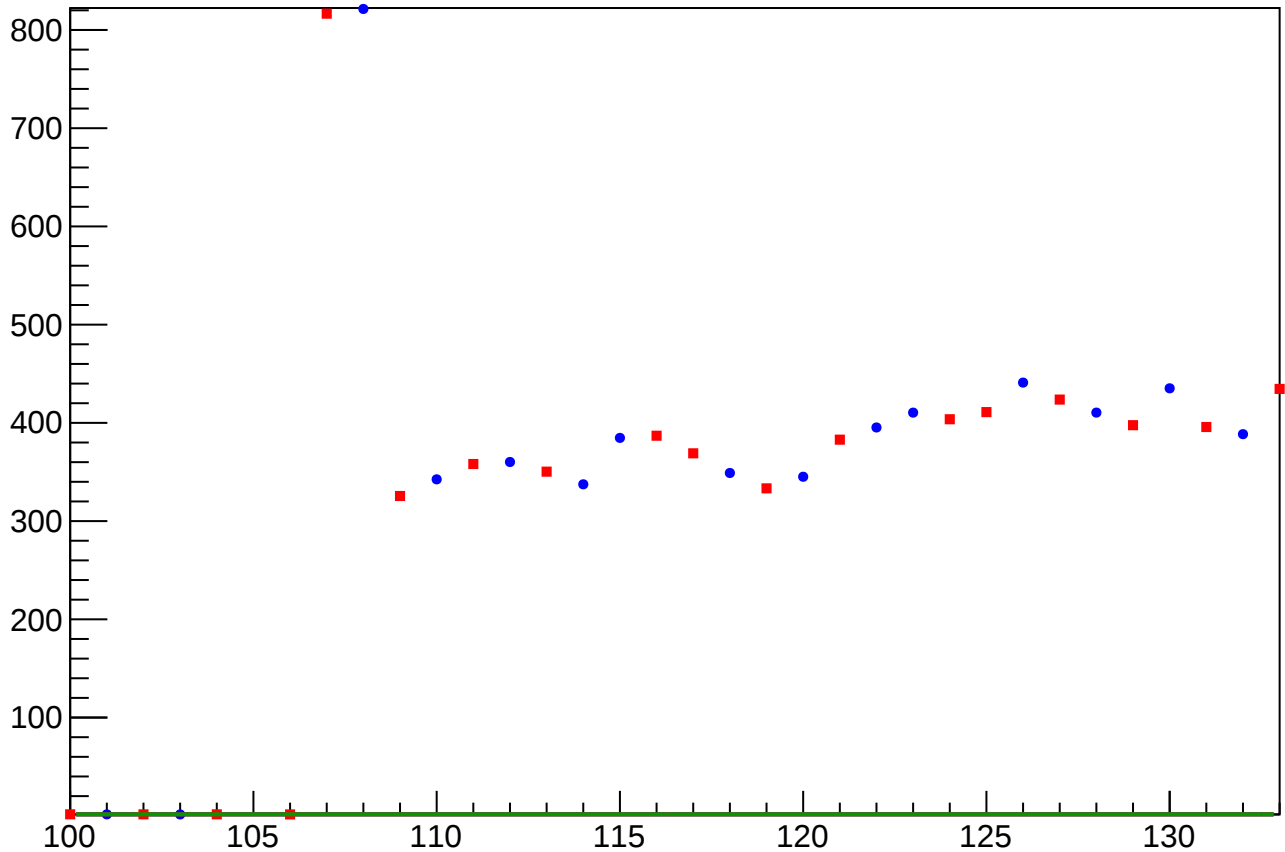
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.149 ± 1.737 $\chi^2/\text{NDF}: 7.6/14$

0.638 ± 1.186 $\chi^2/\text{NDF}: 16.9/32$

1.325 ± 1.623 $\chi^2/\text{NDF}: 9.0/17$

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: 1.447+/-0.001 χ^2/NDF : 9646384.7/17

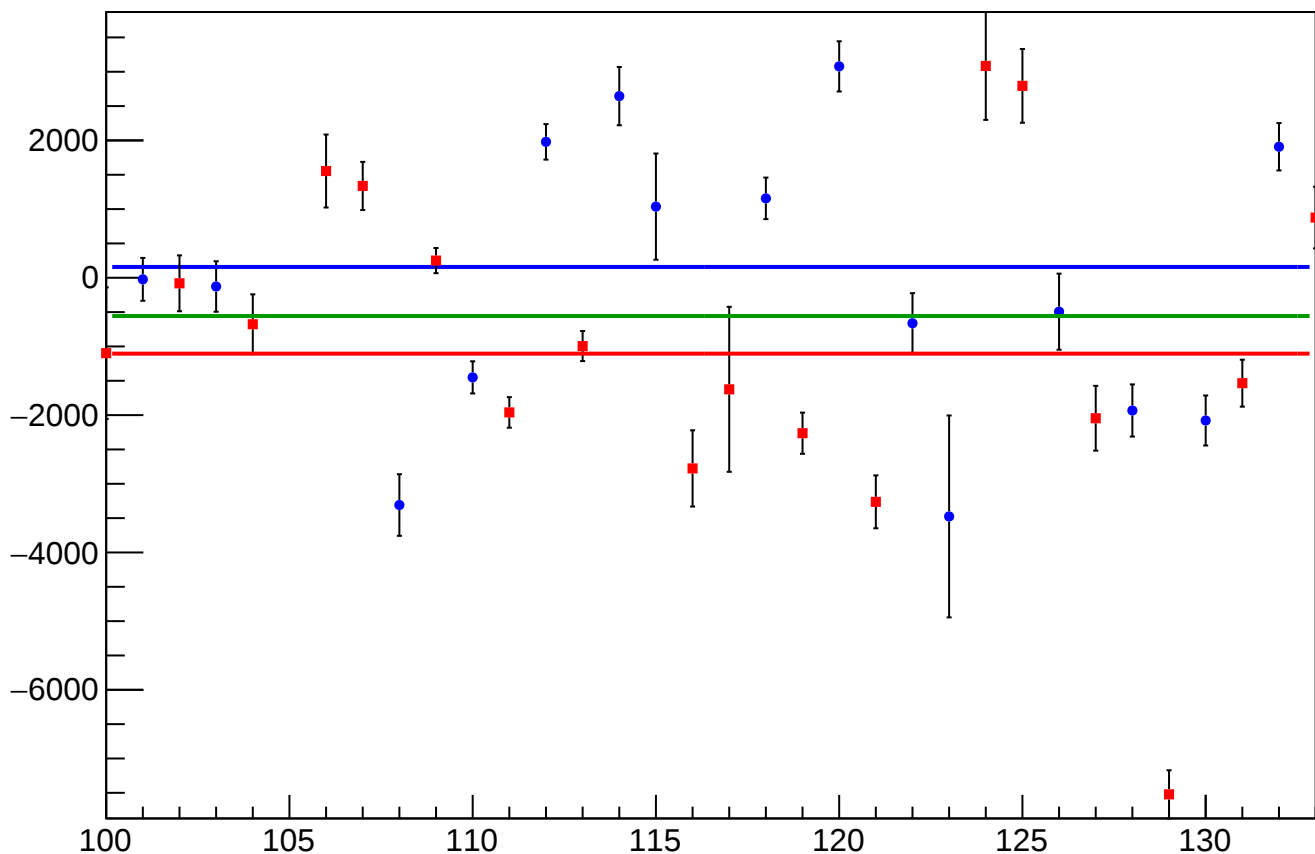
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.445+/-0.001 χ^2/NDF : 8913150.5/14

1.446+/-0.001 χ^2/NDF : 18559536.4/32

1.447+/-0.001 χ^2/NDF : 9646384.7/17

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 157.589 +/- 93.939 χ^2/NDF : 372.7/14

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

Right Out: -1104.849 +/- 82.246 χ^2/NDF : 646.4/17

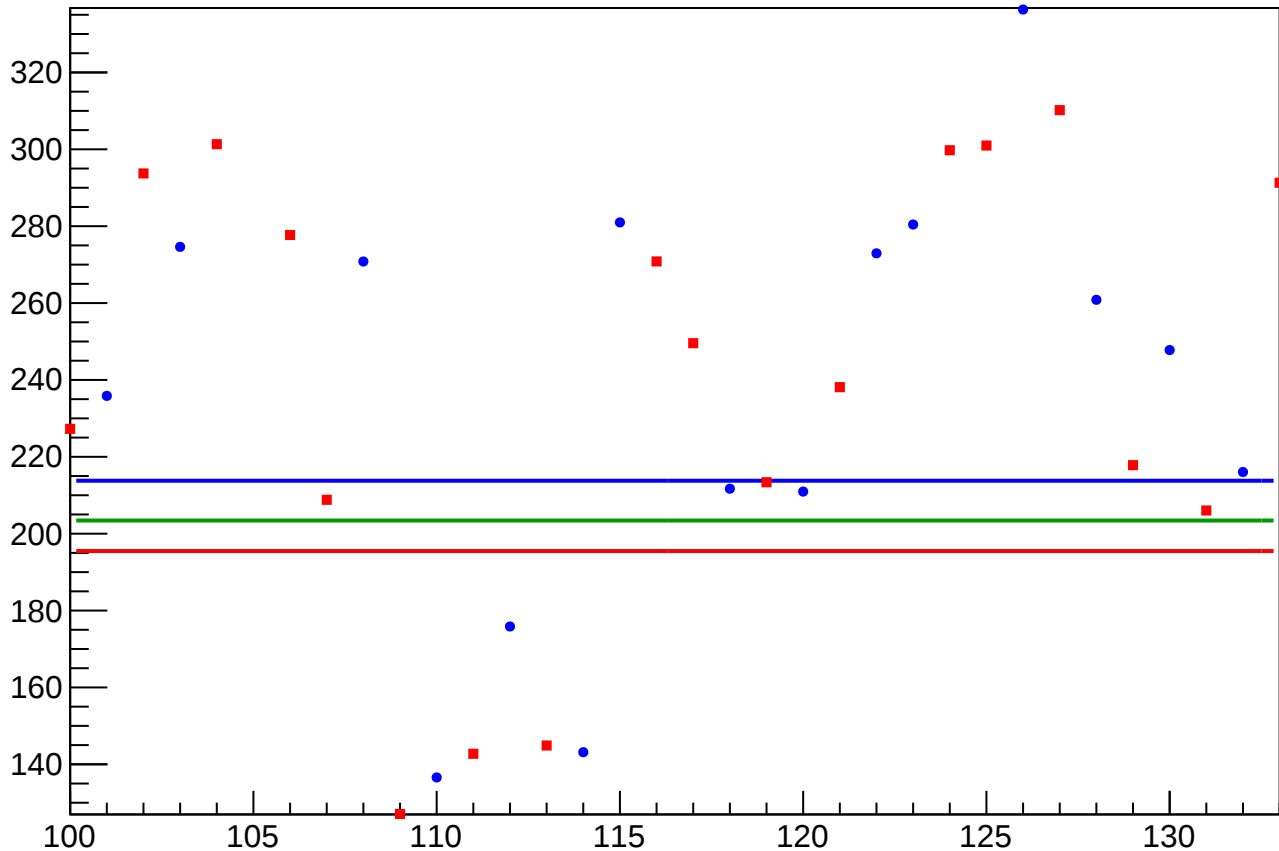
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

157.589 +/- 93.939 χ^2/NDF : 372.7/14

-557.045 +/- 61.880 χ^2/NDF : 1121.3/32

-1104.849 +/- 82.246 χ^2/NDF : 646.4/17

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: 195.486+/-0.058 χ^2/NDF : 1189366.4/17

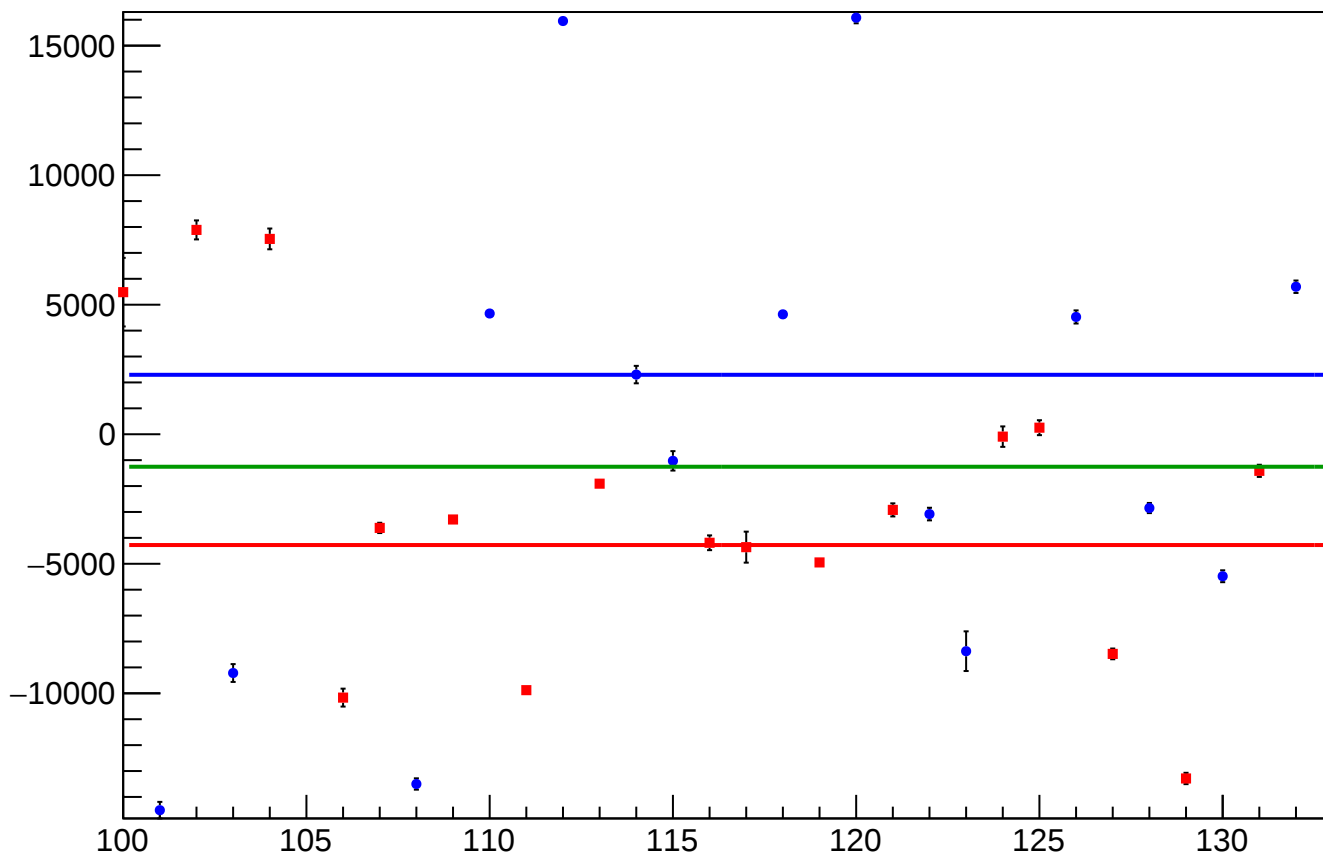
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

213.779+/-0.066 χ^2/NDF : 615453.6/14

203.424+/-0.044 χ^2/NDF : 1847752.0/32

195.486+/-0.058 χ^2/NDF : 1189366.4/17

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: -4276.545+/-55.558 χ^2/NDF : 7266.6/17

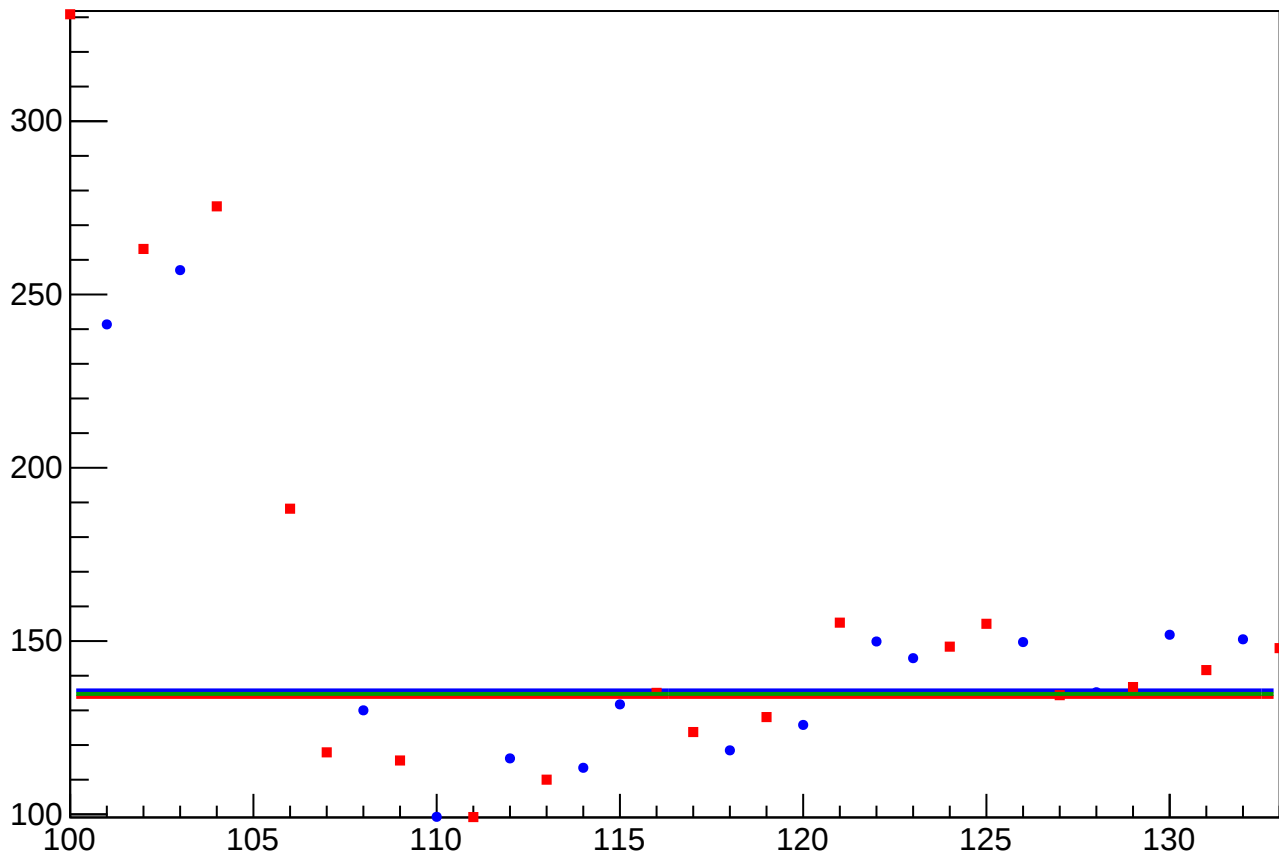
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2294.565+/-60.204 χ^2/NDF : 22621.9/14

-1254.330+/-40.829 χ^2/NDF : 36322.4/32

-4276.545+/-55.558 χ^2/NDF : 7266.6/17

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: 133.895+/-0.039 χ^2/NDF : 809838.2/17

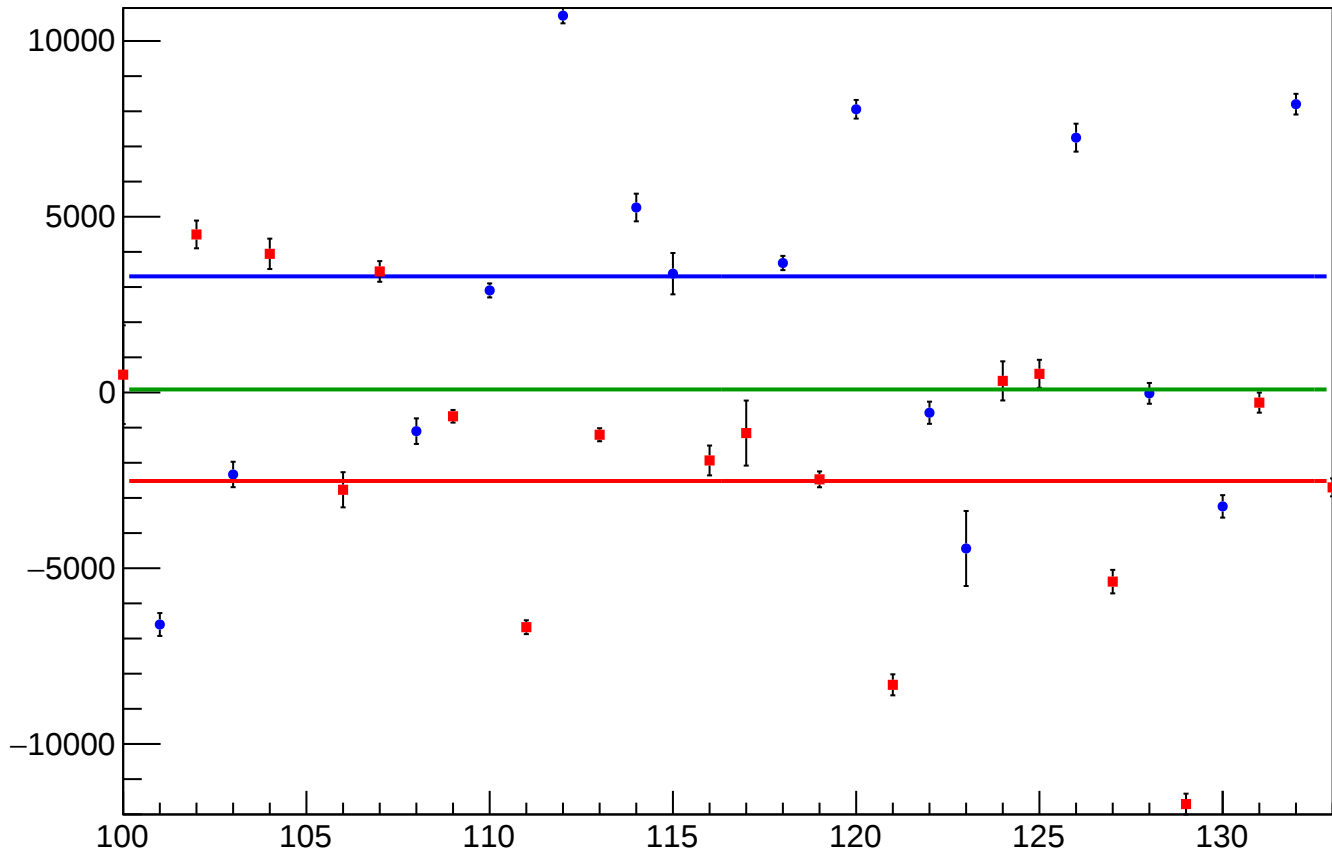
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.759+/-0.043 χ^2/NDF : 649777.0/14

134.752+/-0.029 χ^2/NDF : 1460650.6/32

133.895+/-0.039 χ^2/NDF : 809838.2/17

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: -2517.859+/-69.255 χ^2/NDF : 3121.5/17

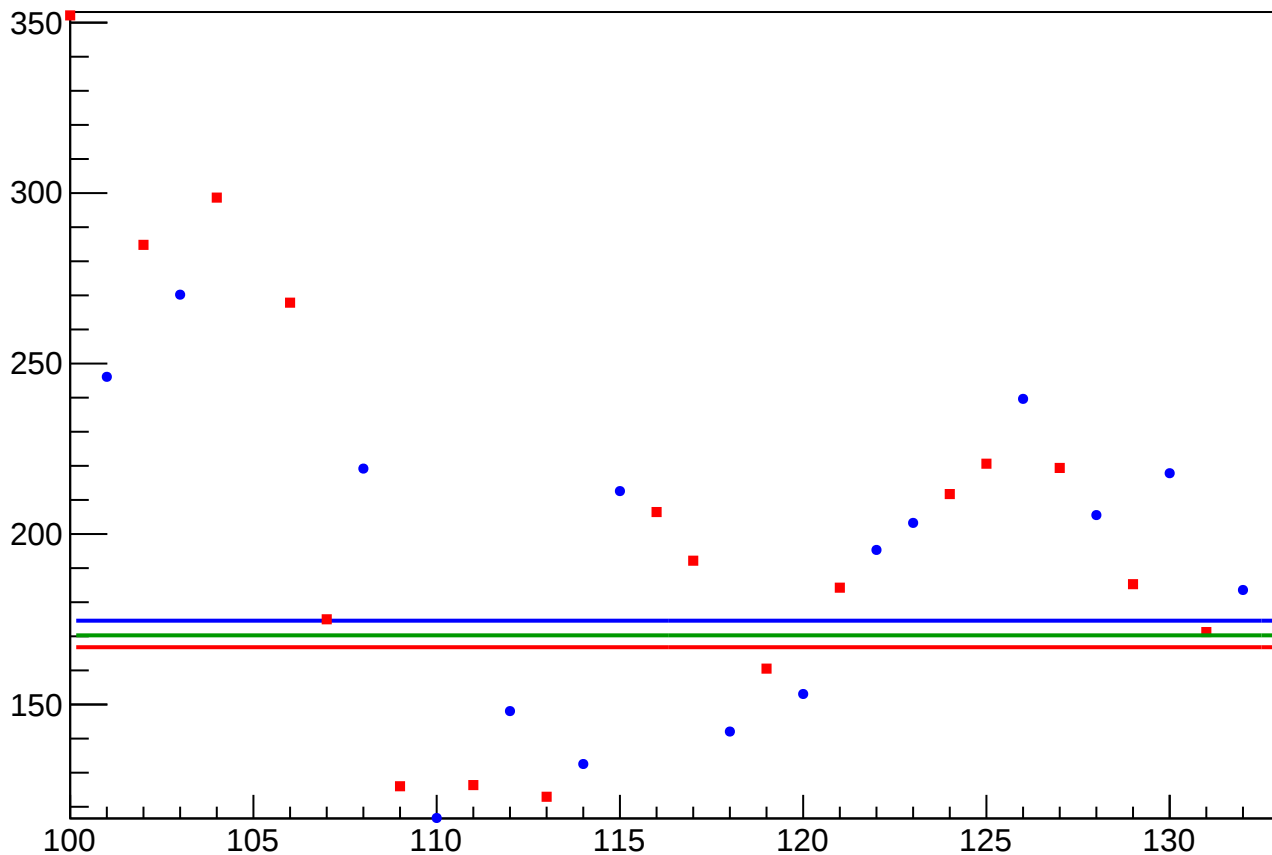
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3303.373+/-76.971 χ^2/NDF : 3954.5/14

86.457+/-51.483 χ^2/NDF : 10236.8/32

-2517.859+/-69.255 χ^2/NDF : 3121.5/17

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 174.583+/-0.054 χ^2/NDF : 684200.8/14

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

Right Out: 166.802+/-0.049 χ^2/NDF : 915875.4/17

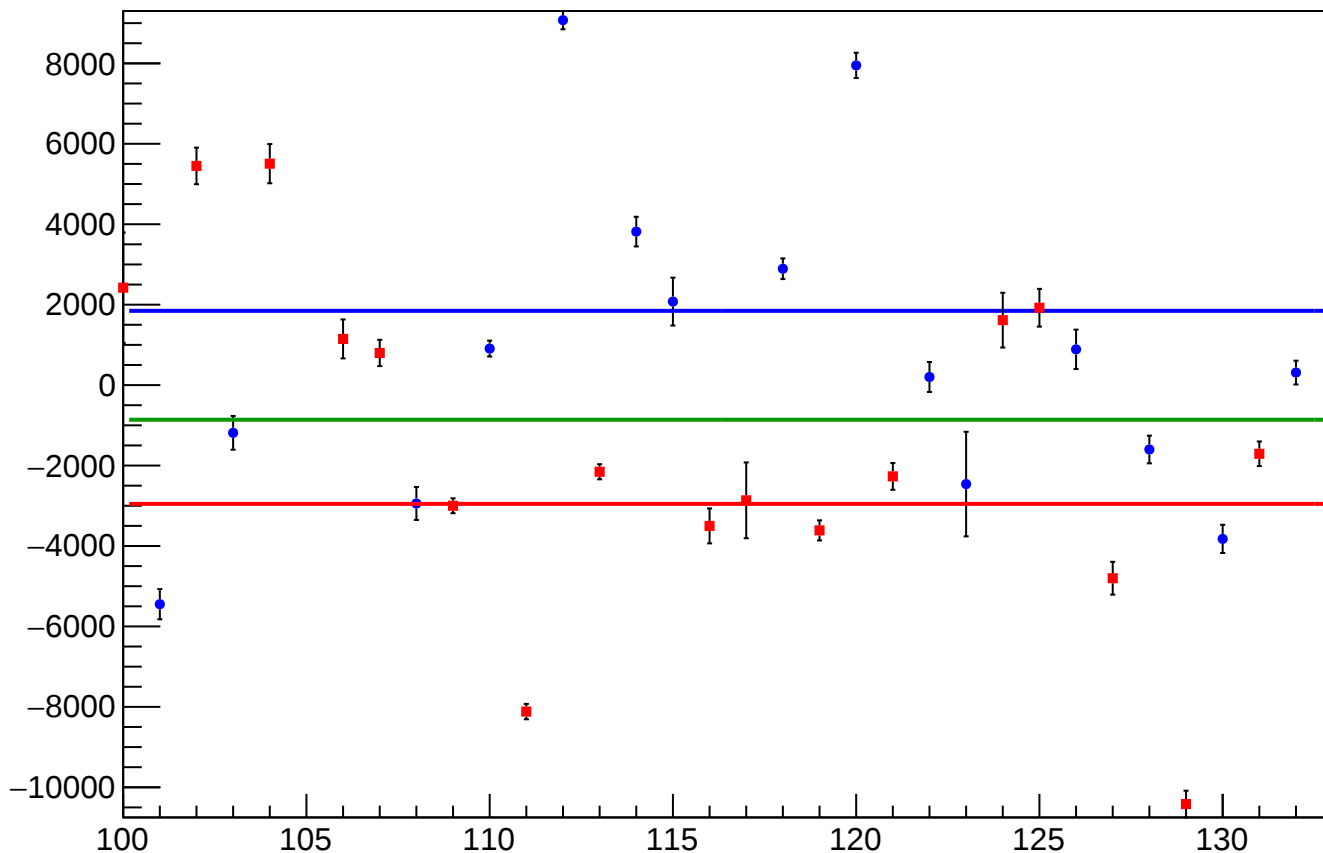
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.583+/-0.054 χ^2/NDF : 684200.8/14

170.283+/-0.036 χ^2/NDF : 1611370.7/32

166.802+/-0.049 χ^2/NDF : 915875.4/17

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1846.728 $\pm$ 84.851 χ^2 /NDF: 2443.0/14

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

Right Out: -2952.597 $\pm$ 74.587 χ^2 /NDF: 2414.9/17

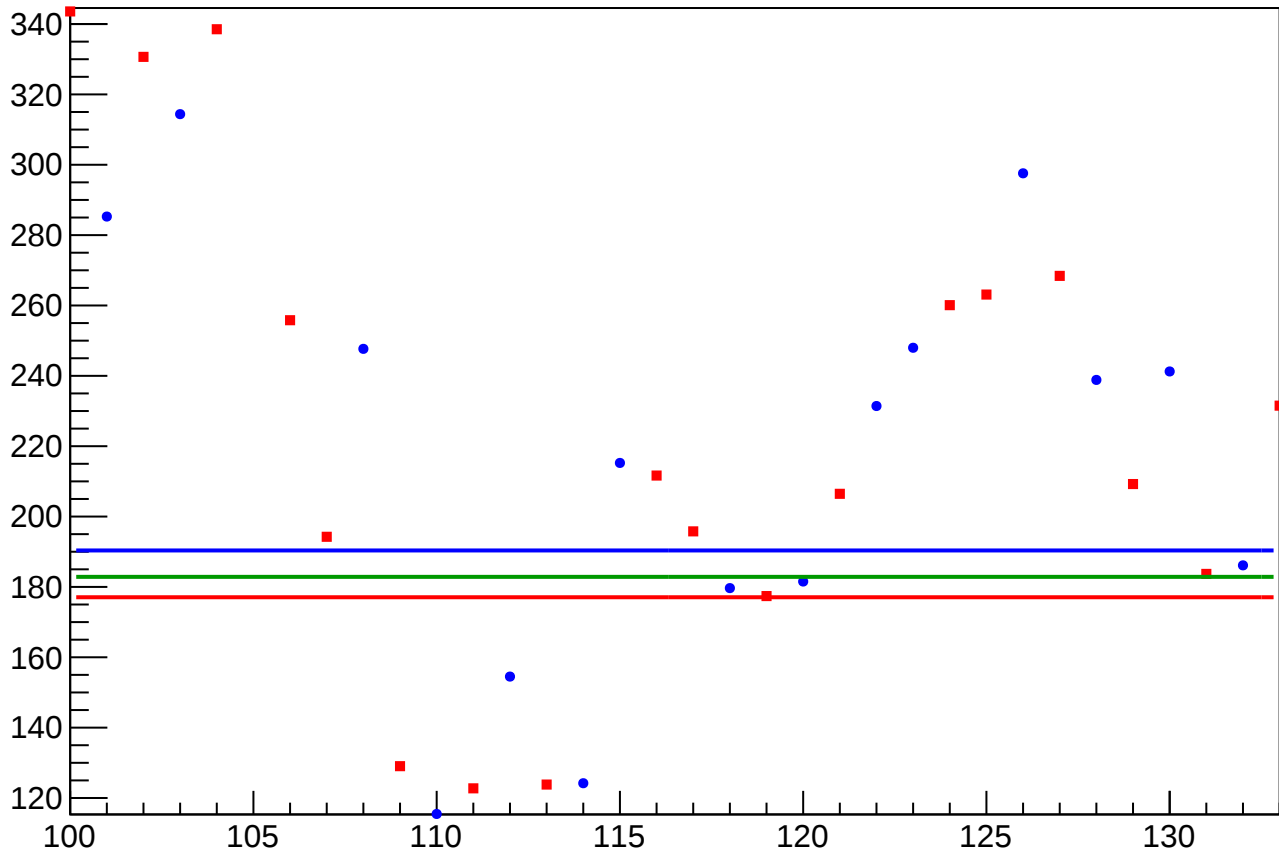
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1846.728 $\pm$ 84.851 χ^2 /NDF: 2443.0/14

-860.603 $\pm$ 56.020 χ^2 /NDF: 6662.7/32

-2952.597 $\pm$ 74.587 χ^2 /NDF: 2414.9/17

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: 177.063 $\pm$ 0.053 χ^2 /NDF: 1284043.8/17

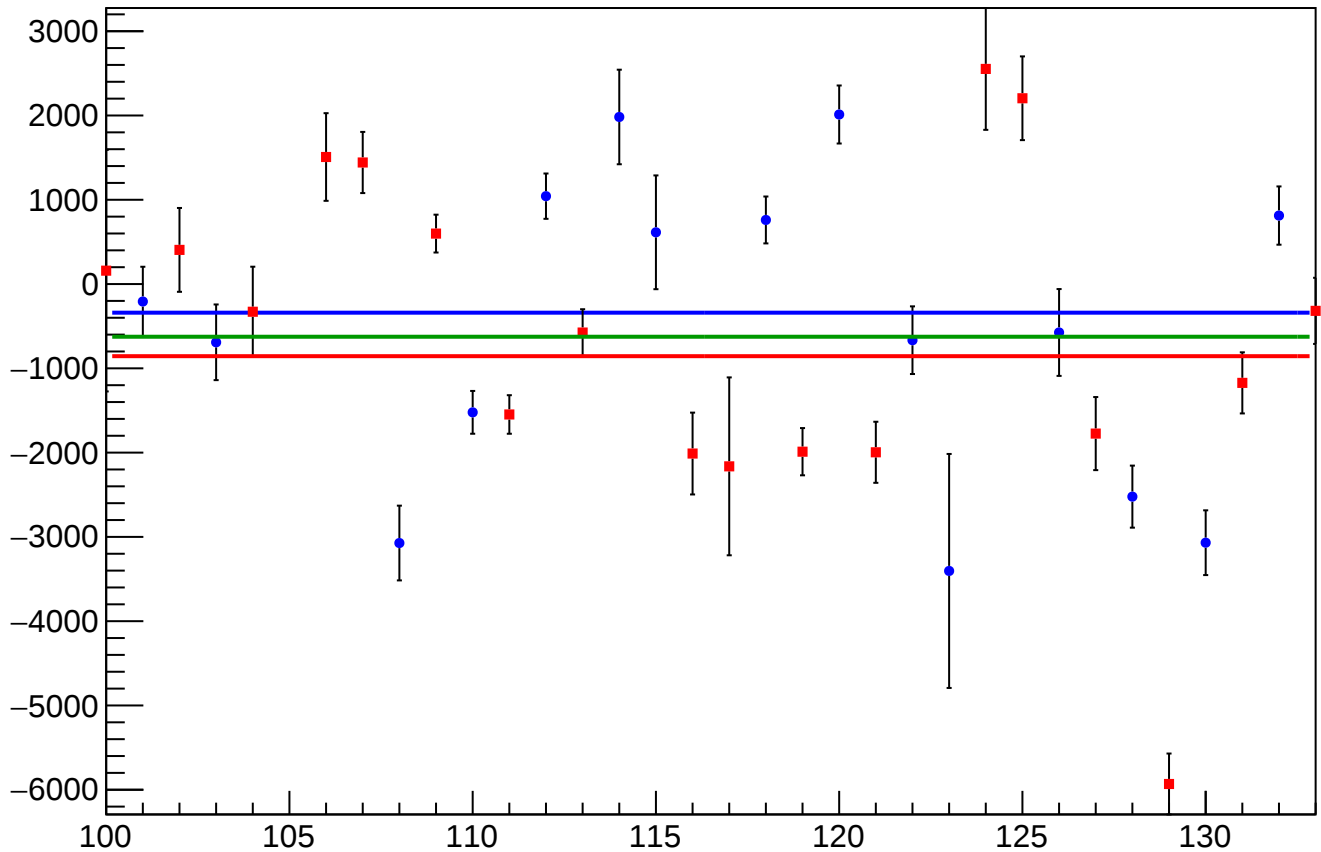
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

190.364 $\pm$ 0.060 χ^2 /NDF: 956131.4/14

182.861 $\pm$ 0.040 χ^2 /NDF: 2267898.7/32

177.063 $\pm$ 0.053 χ^2 /NDF: 1284043.8/17

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: -855.814+/-87.744 χ^2/NDF : 418.9/17

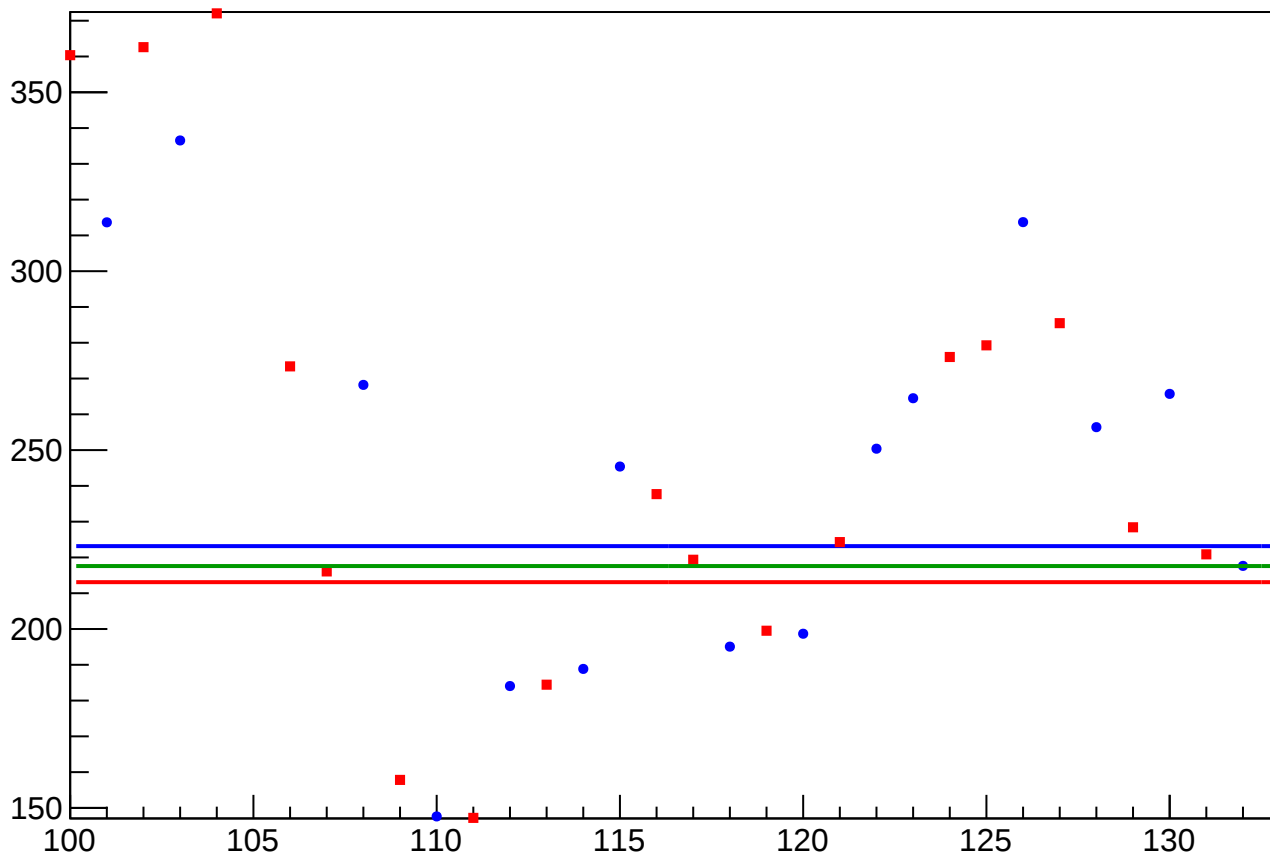
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-339.636+/-97.586 χ^2/NDF : 270.7/14

-625.060+/-65.247 χ^2/NDF : 705.1/32

-855.814+/-87.744 χ^2/NDF : 418.9/17

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: 213.093+/-0.062 χ^2/NDF : 861113.2/17

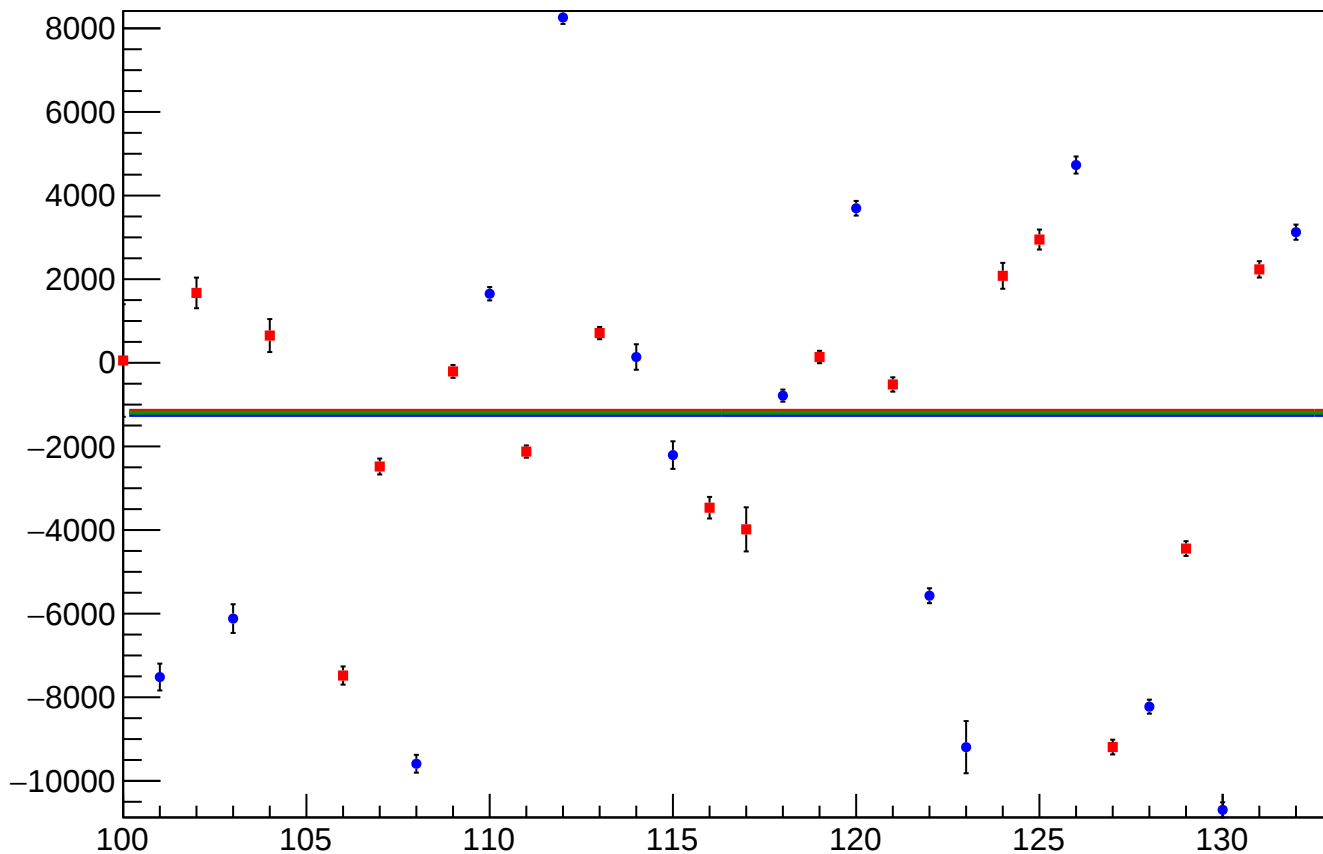
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

223.164+/-0.069 χ^2/NDF : 617967.4/14

217.595+/-0.046 χ^2/NDF : 1490857.4/32

213.093+/-0.062 χ^2/NDF : 861113.2/17

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: -1148.541+/-47.282 χ^2 /NDF: 5696.7/17

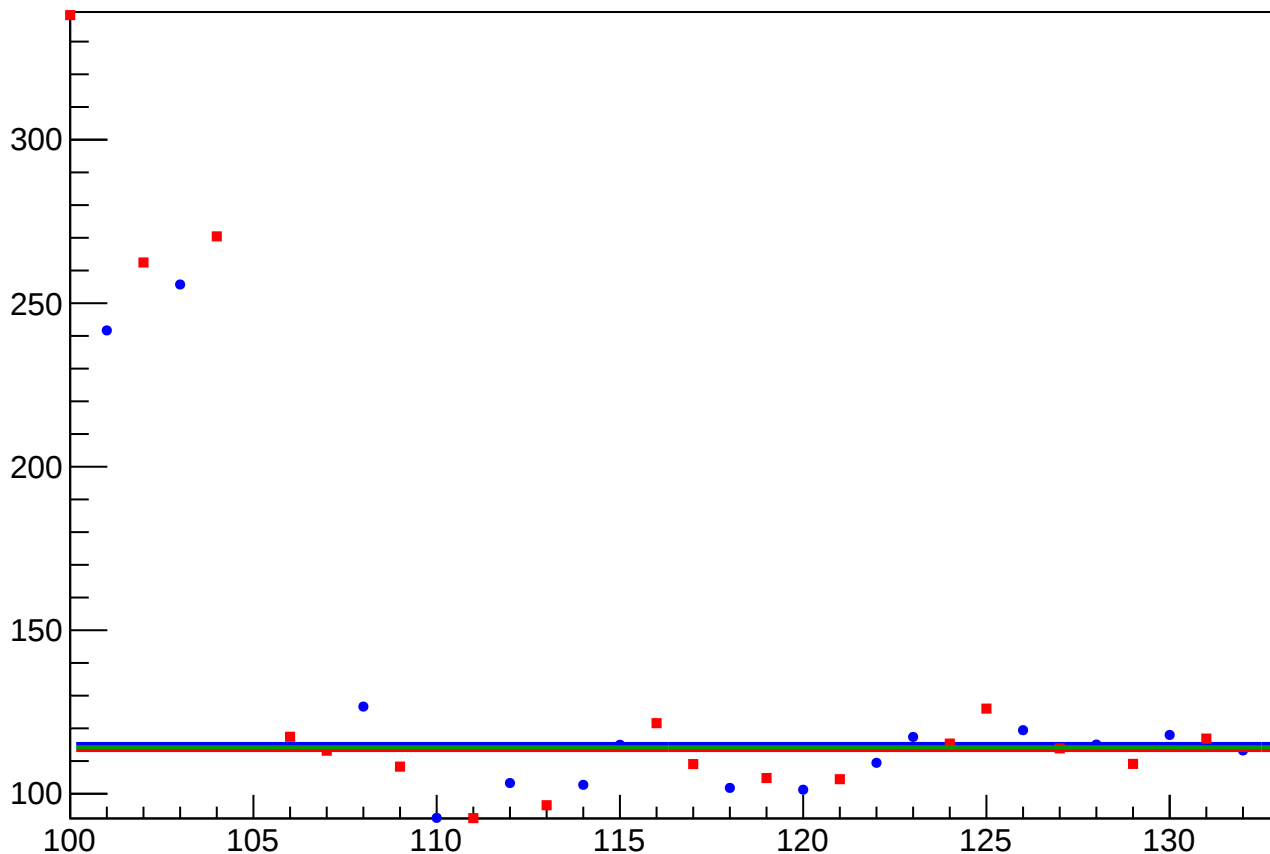
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1245.636+/-51.609 χ^2 /NDF: 13677.8/14

-1192.848+/-34.863 χ^2 /NDF: 19376.4/32

-1148.541+/-47.282 χ^2 /NDF: 5696.7/17

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: 113.362+/-0.033 χ^2/NDF : 795127.7/17

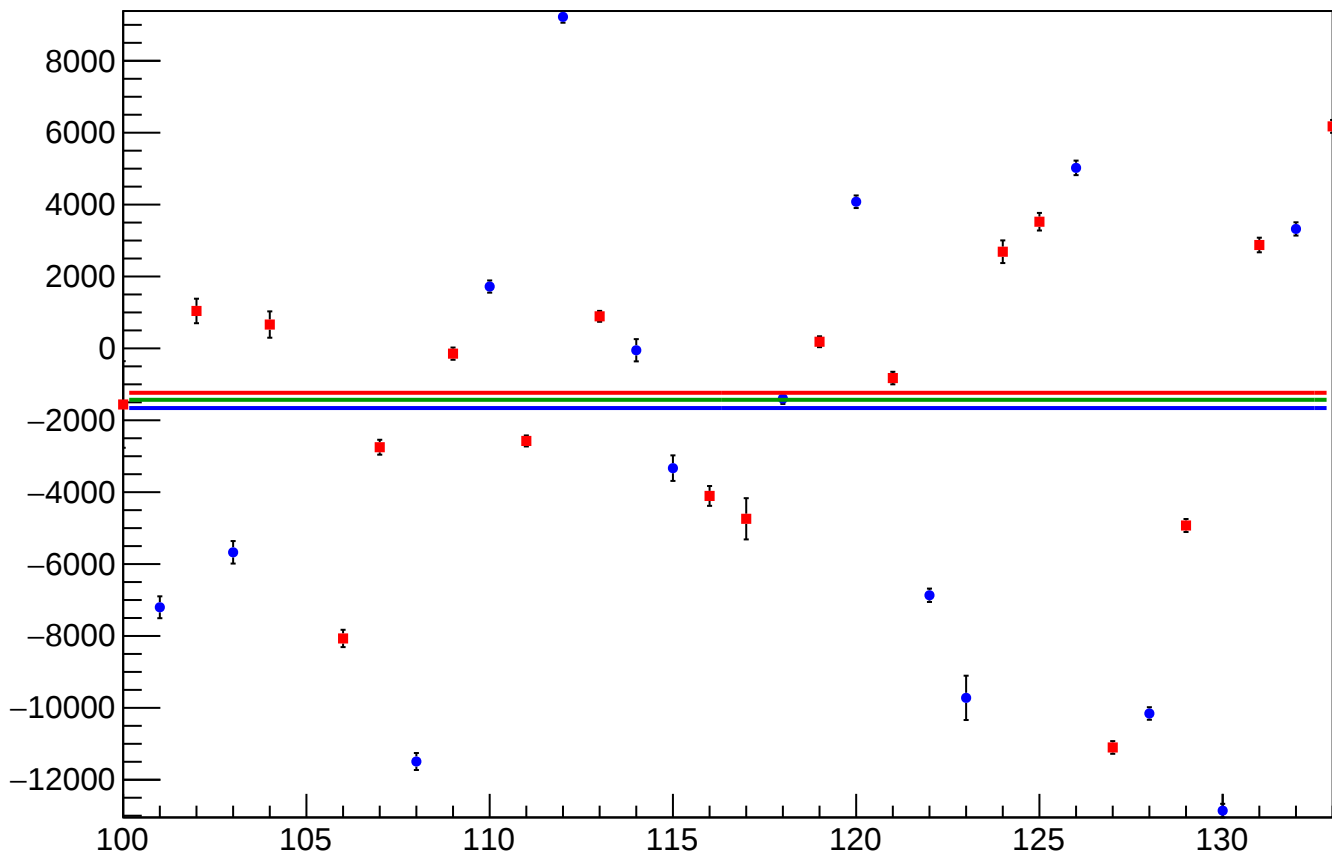
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.231+/-0.036 χ^2/NDF : 741636.5/14

114.215+/-0.025 χ^2/NDF : 1538191.1/32

113.362+/-0.033 χ^2/NDF : 795127.7/17

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1659.852 ± 53.189 $\chi^2/\text{NDF}: 16852.7/14$

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

Right Out: -1235.182 ± 49.045 $\chi^2/\text{NDF}: 7689.5/17$

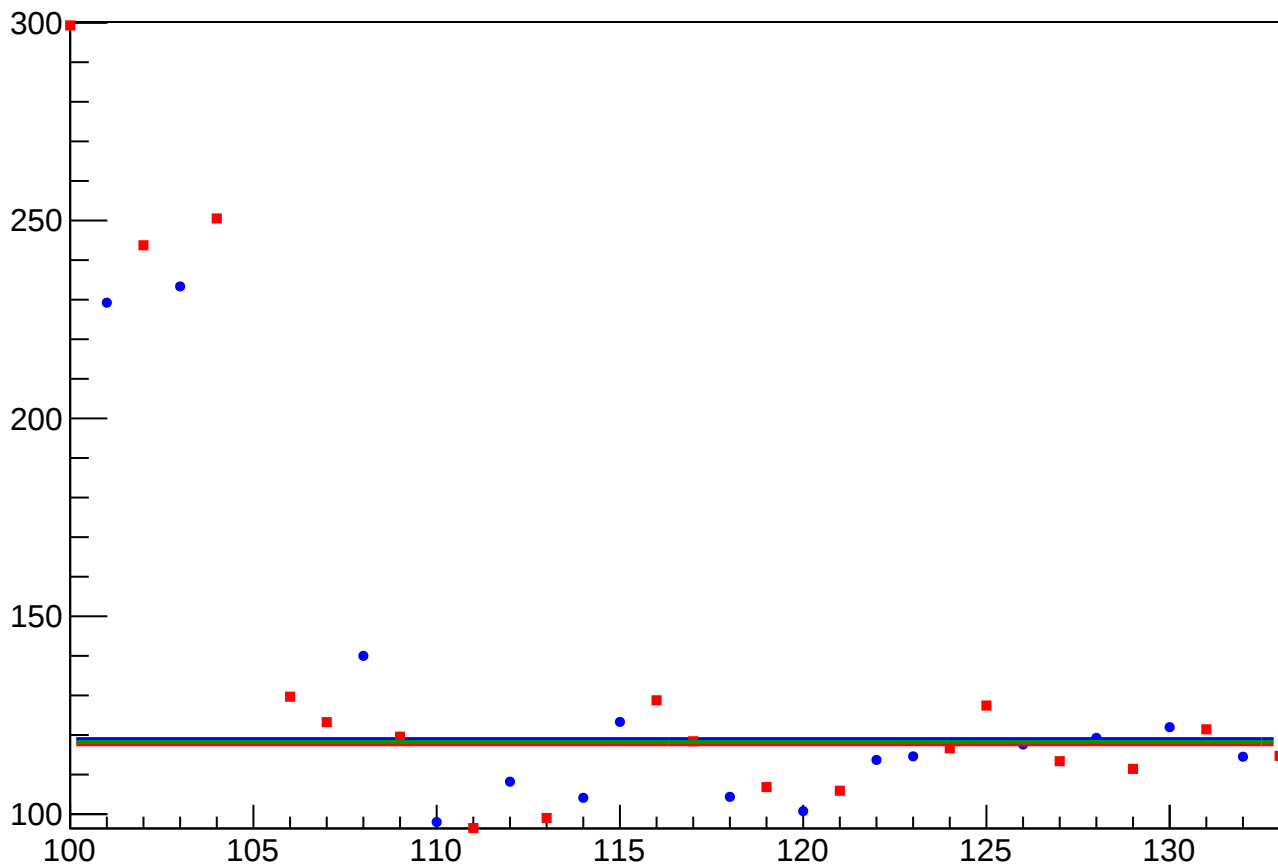
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1659.852 ± 53.189 $\chi^2/\text{NDF}: 16852.7/14$

-1430.333 ± 36.056 $\chi^2/\text{NDF}: 24576.6/32$

-1235.182 ± 49.045 $\chi^2/\text{NDF}: 7689.5/17$

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: 117.660+/-0.035 χ^2/NDF : 687483.0/17

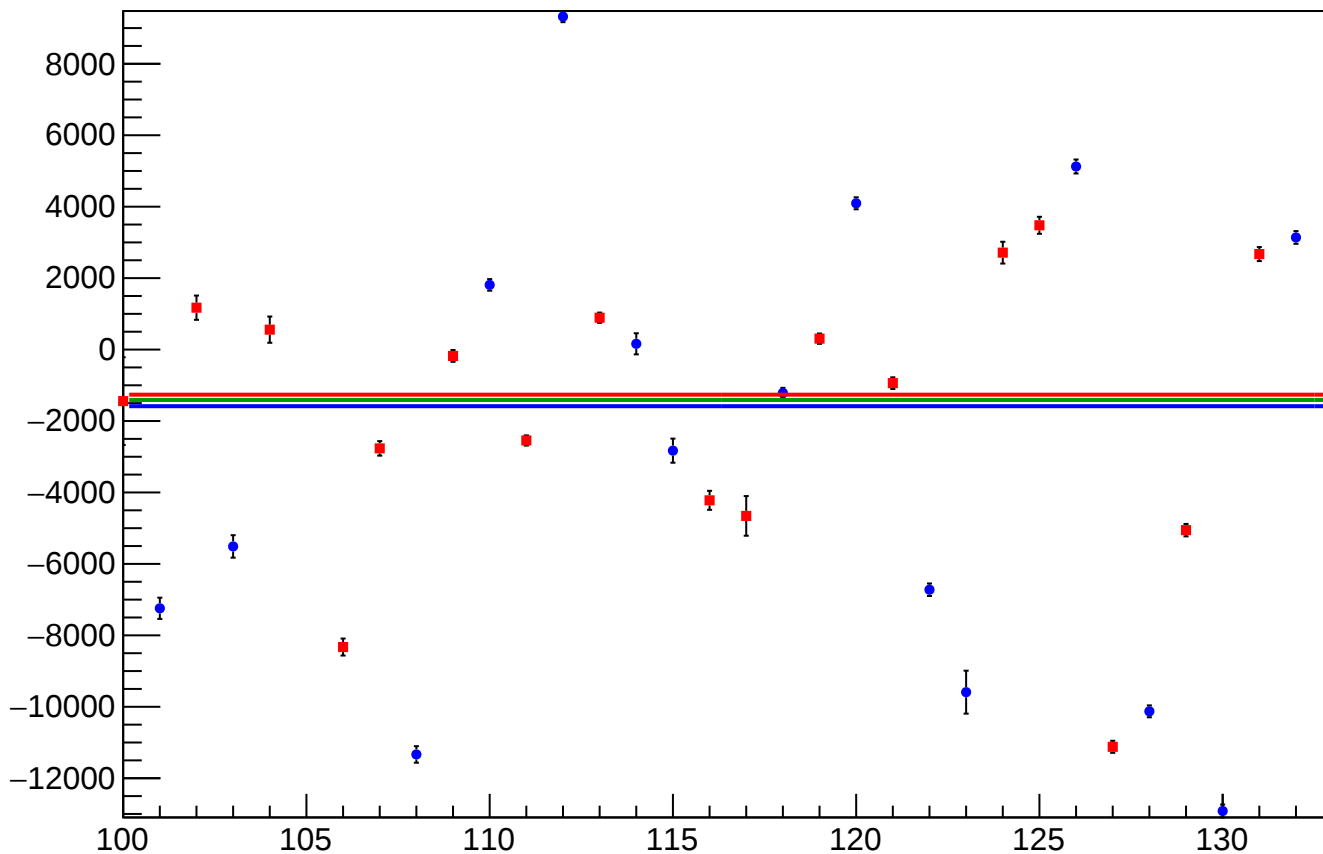
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.956+/-0.038 χ^2/NDF : 633870.2/14

118.256+/-0.025 χ^2/NDF : 1321995.3/32

117.660+/-0.035 χ^2/NDF : 687483.0/17

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: -1262.651 ± 47.013 χ^2/NDF : 8377.2/17

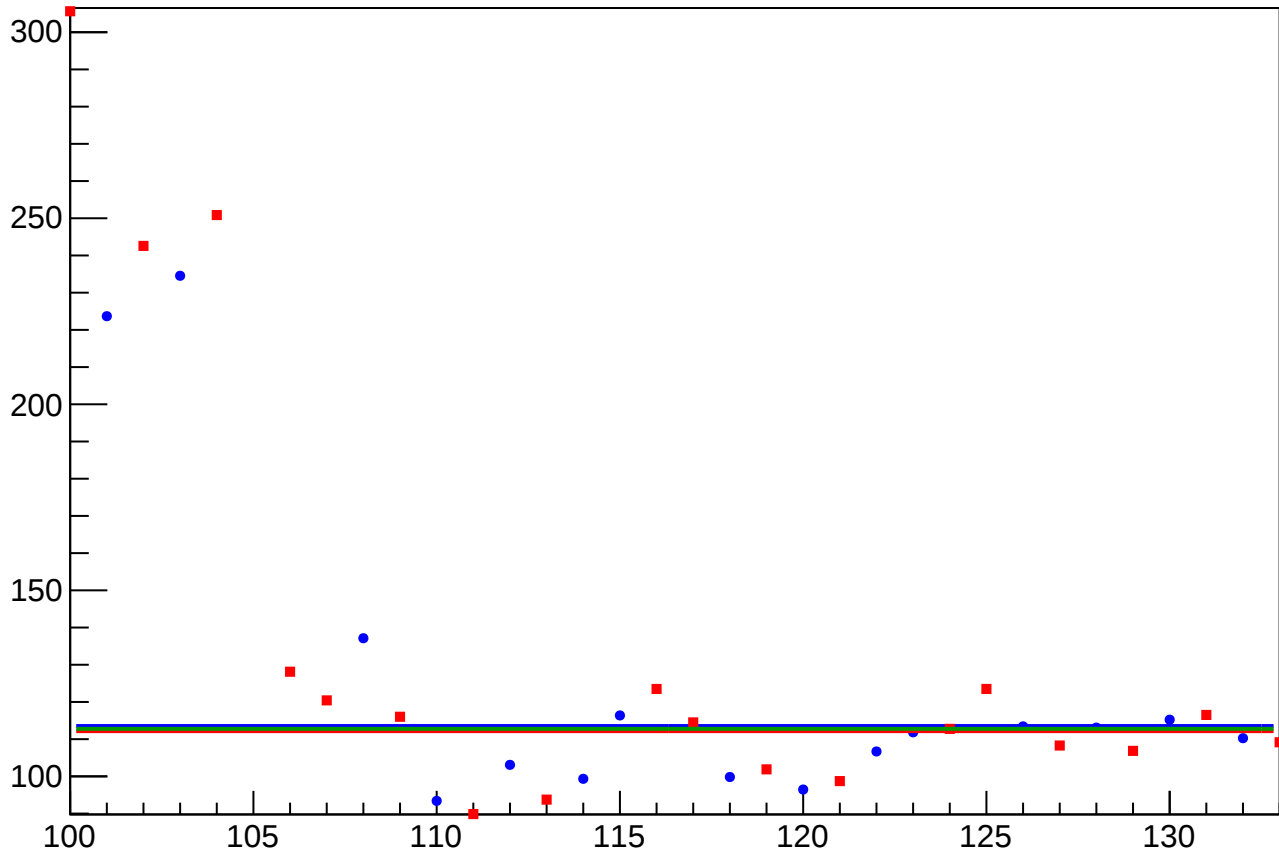
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1585.264 ± 51.013 χ^2/NDF : 18329.0/14

-1410.817 ± 34.571 χ^2/NDF : 26727.8/32

-1262.651 ± 47.013 χ^2/NDF : 8377.2/17

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: 112.162+/-0.033 χ^2/NDF : 761528.7/17

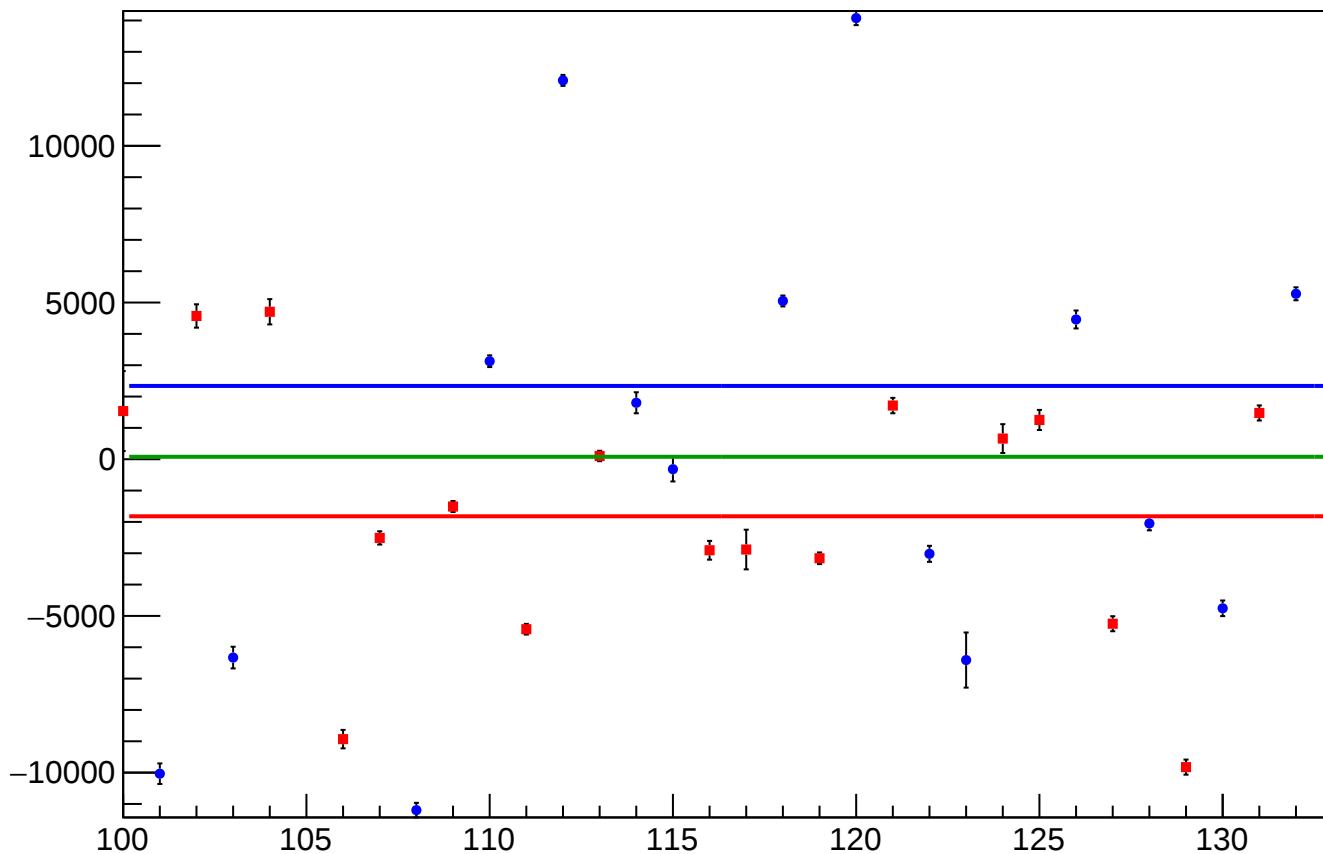
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.521+/-0.036 χ^2/NDF : 678729.7/14

112.786+/-0.024 χ^2/NDF : 1441025.4/32

112.162+/-0.033 χ^2/NDF : 761528.7/17

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2338.966 $\pm$ 62.718 χ^2 /NDF: 13546.6/14

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

Right Out: -1820.772 $\pm$ 57.479 χ^2 /NDF: 4446.5/17

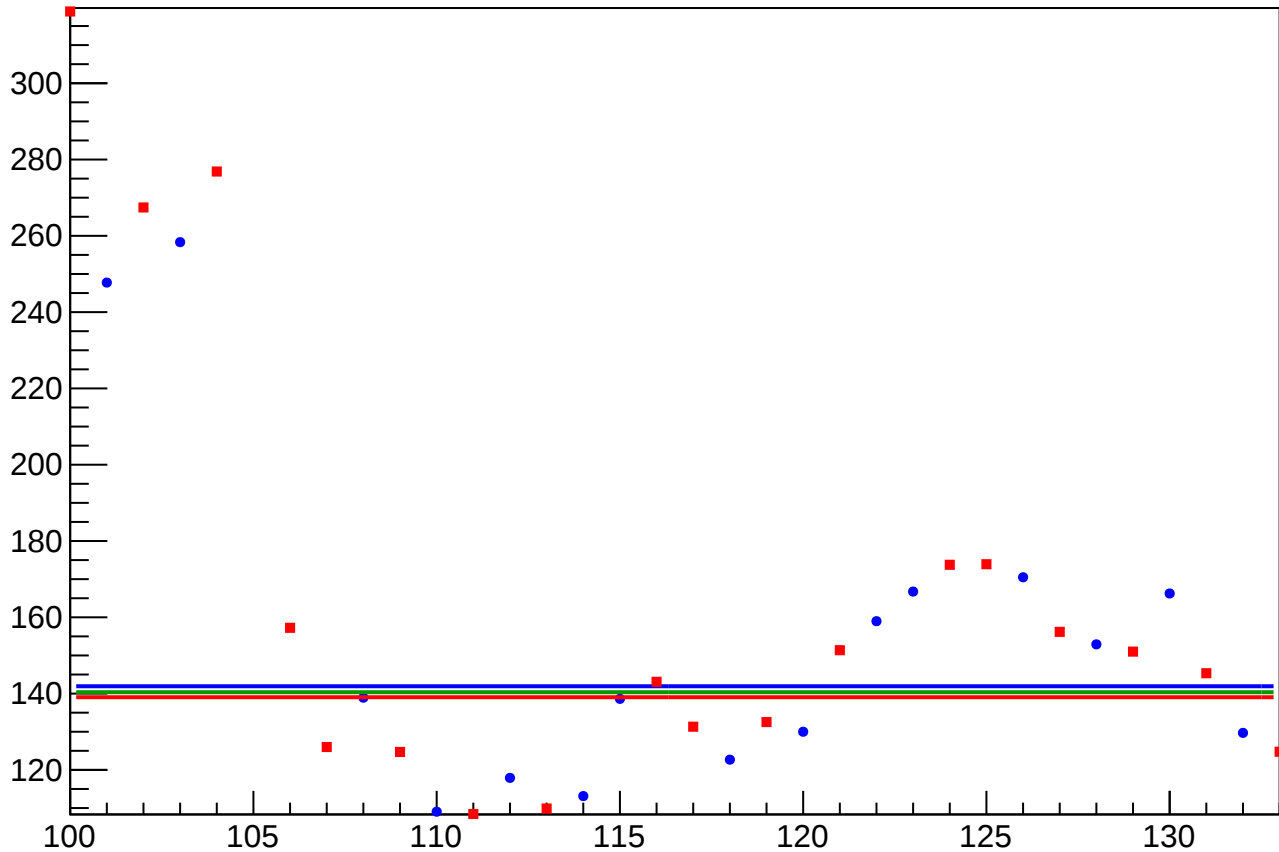
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2338.966 $\pm$ 62.718 χ^2 /NDF: 13546.6/14

78.116 $\pm$ 42.375 χ^2 /NDF: 20383.9/32

-1820.772 $\pm$ 57.479 χ^2 /NDF: 4446.5/17

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: 139.051+/-0.041 χ^2/NDF : 735352.3/17

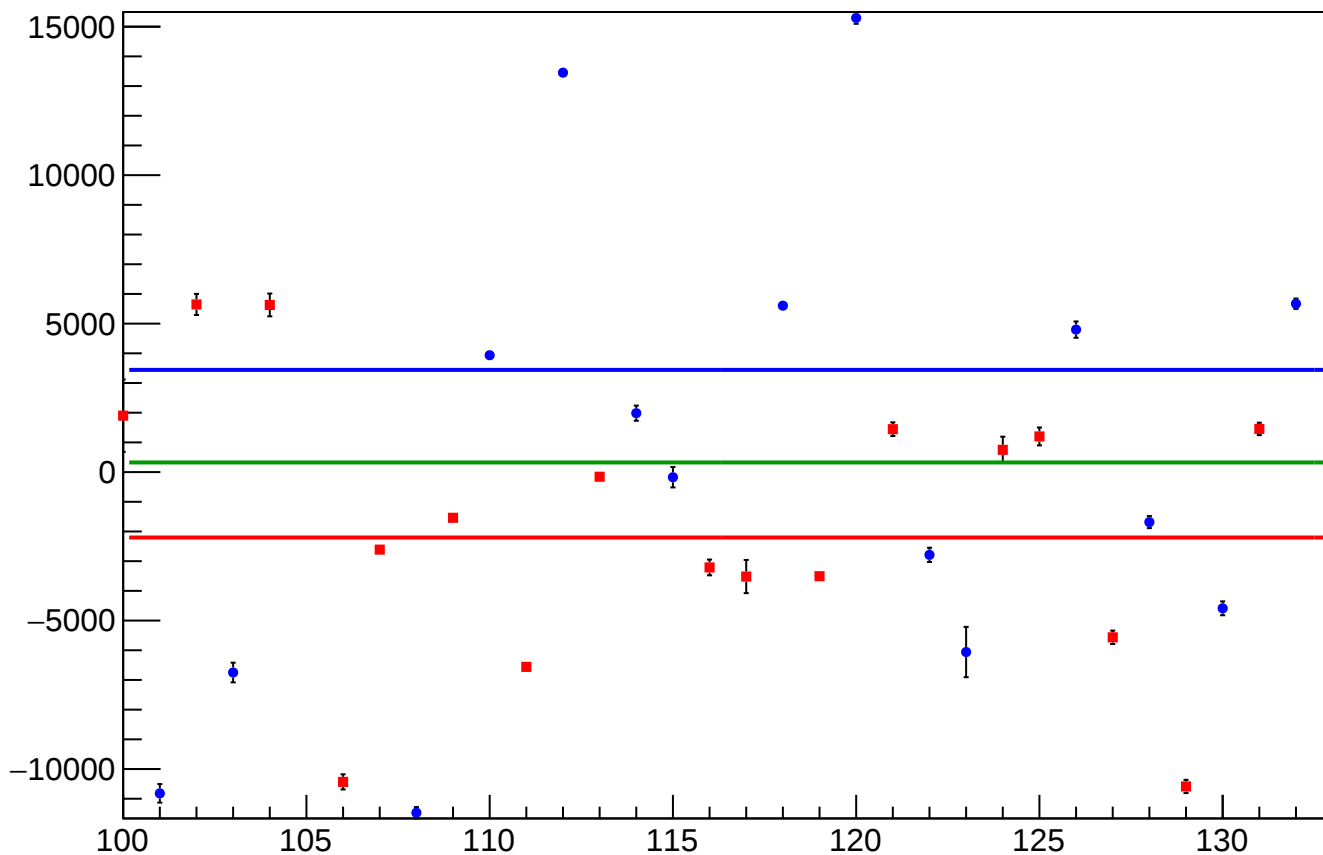
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.926+/-0.044 χ^2/NDF : 639807.2/14

140.363+/-0.030 χ^2/NDF : 1377444.5/32

139.051+/-0.041 χ^2/NDF : 735352.3/17

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: -2203.435±47.455 χ^2/NDF : 7370.2/17

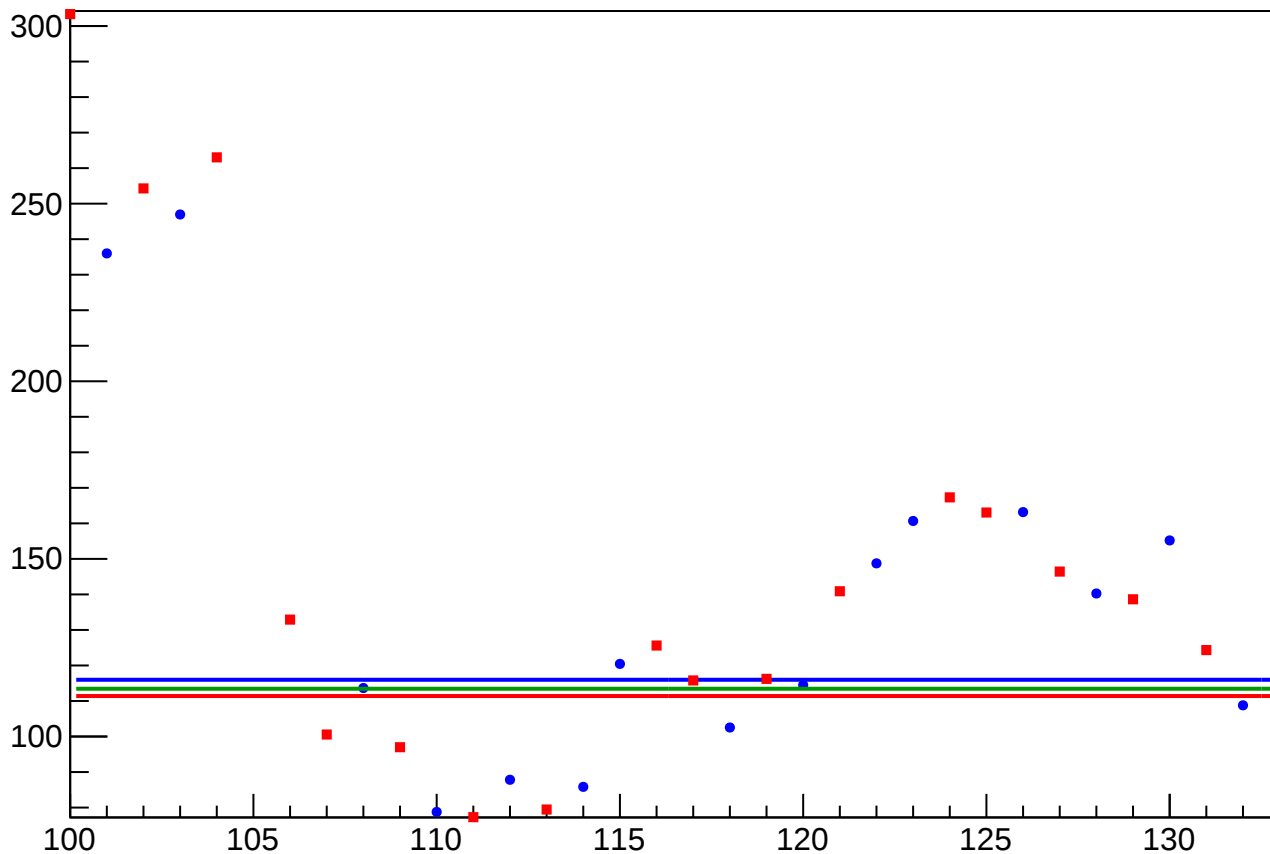
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

3442.501±52.696 χ^2/NDF : 21486.2/14

324.911±35.264 χ^2/NDF : 35195.0/32

-2203.435±47.455 χ^2/NDF : 7370.2/17

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: 111.400+/-0.034 χ^2/NDF : 1245616.4/17

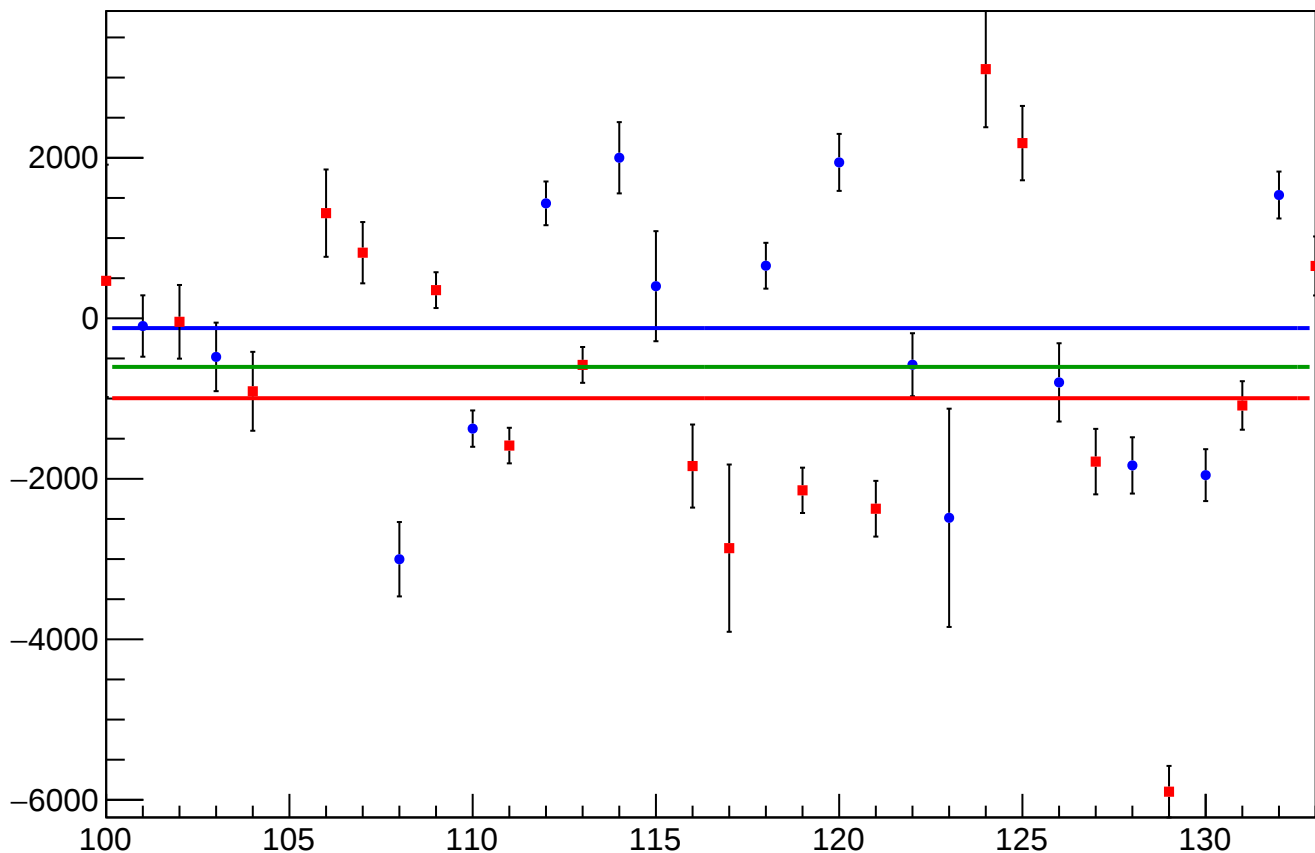
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.977+/-0.037 χ^2/NDF : 1079852.7/14

113.450+/-0.025 χ^2/NDF : 2333798.7/32

111.400+/-0.034 χ^2/NDF : 1245616.4/17

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: -995.474+/-82.711 χ^2/NDF : 467.1/17

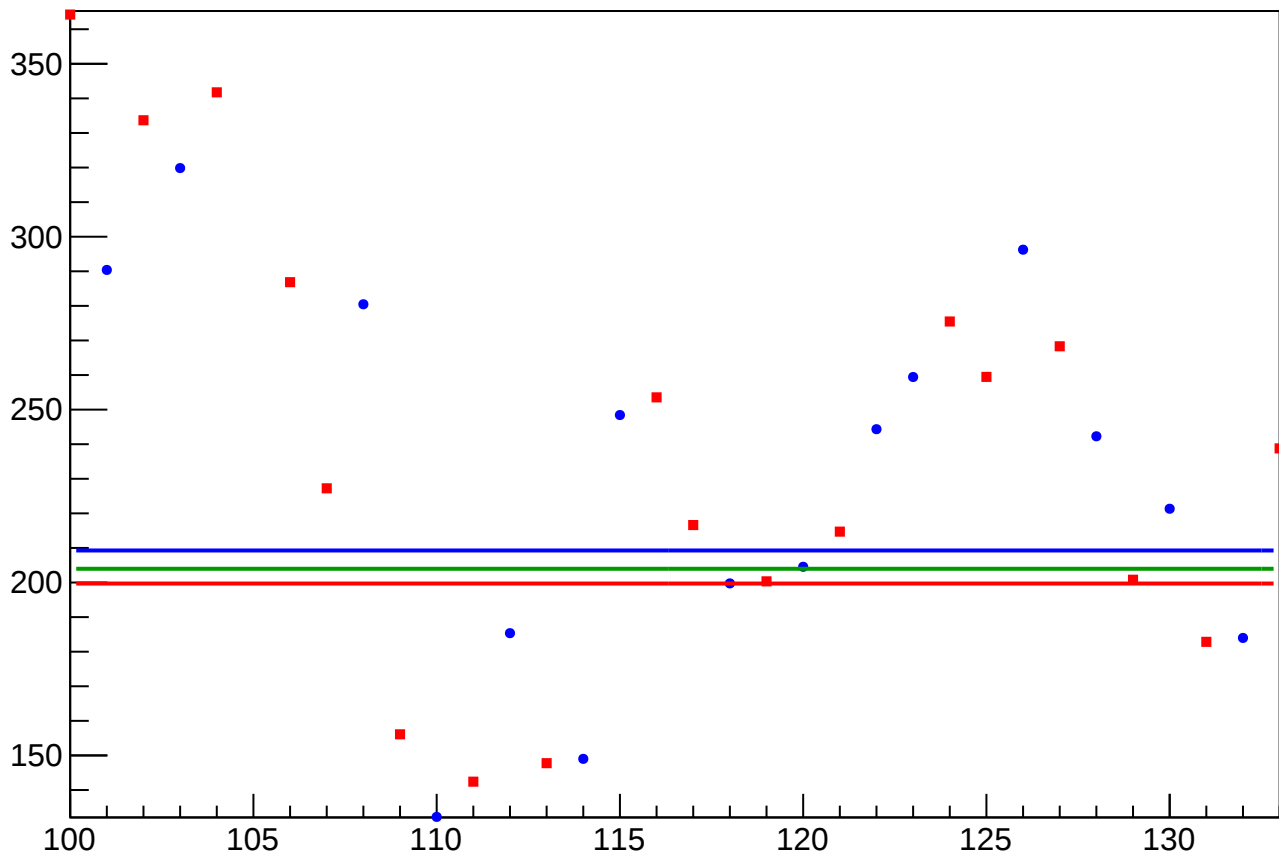
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-121.797+/-92.072 χ^2/NDF : 261.5/14

-605.292+/-61.530 χ^2/NDF : 778.5/32

-995.474+/-82.711 χ^2/NDF : 467.1/17

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 209.269 ± 0.065 $\chi^2/\text{NDF}: 681951.7/14$

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

Right Out: 199.710 ± 0.058 $\chi^2/\text{NDF}: 909407.6/17$

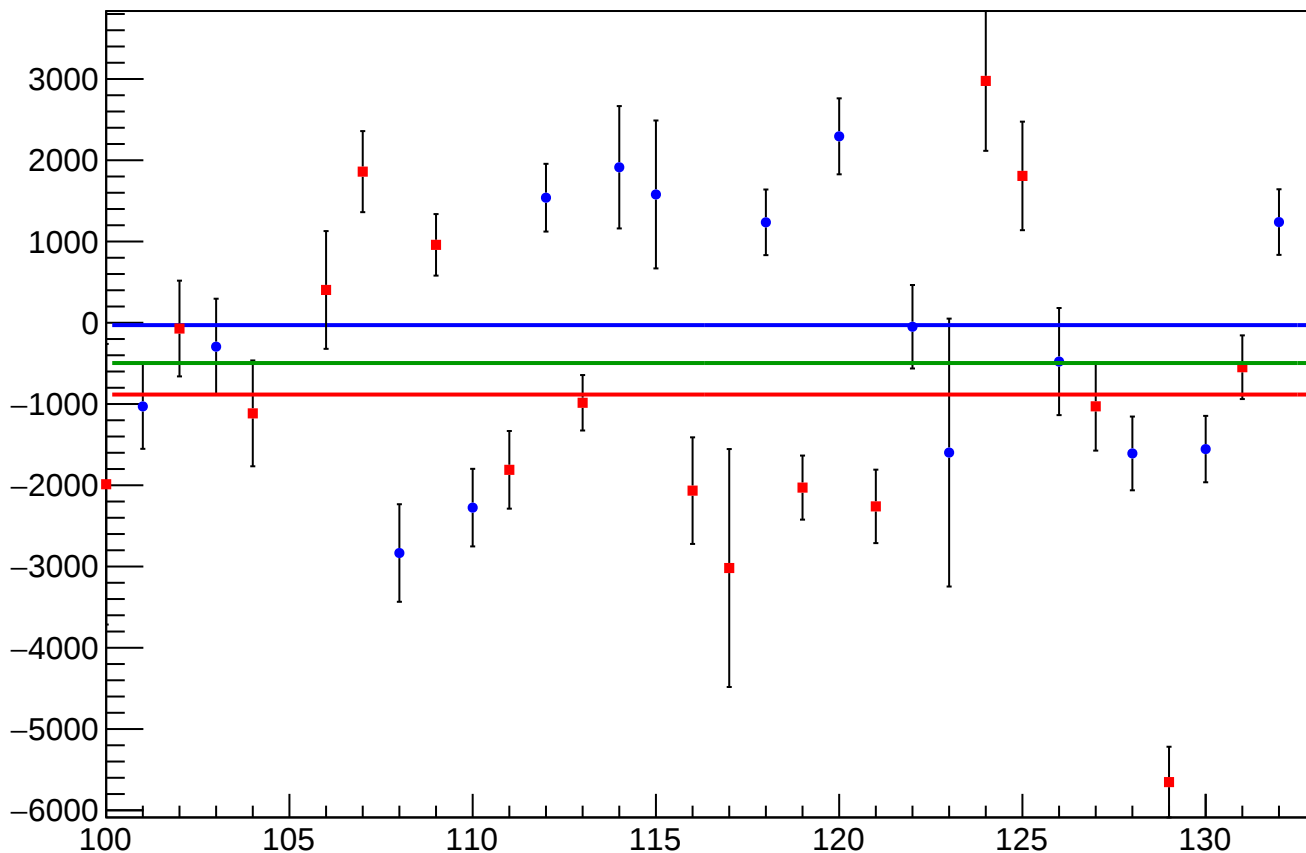
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

209.269 ± 0.065 $\chi^2/\text{NDF}: 681951.7/14$

203.979 ± 0.044 $\chi^2/\text{NDF}: 1603290.2/32$

199.710 ± 0.058 $\chi^2/\text{NDF}: 909407.6/17$

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: -883.463+/-121.223 χ^2/NDF : 257.9/17

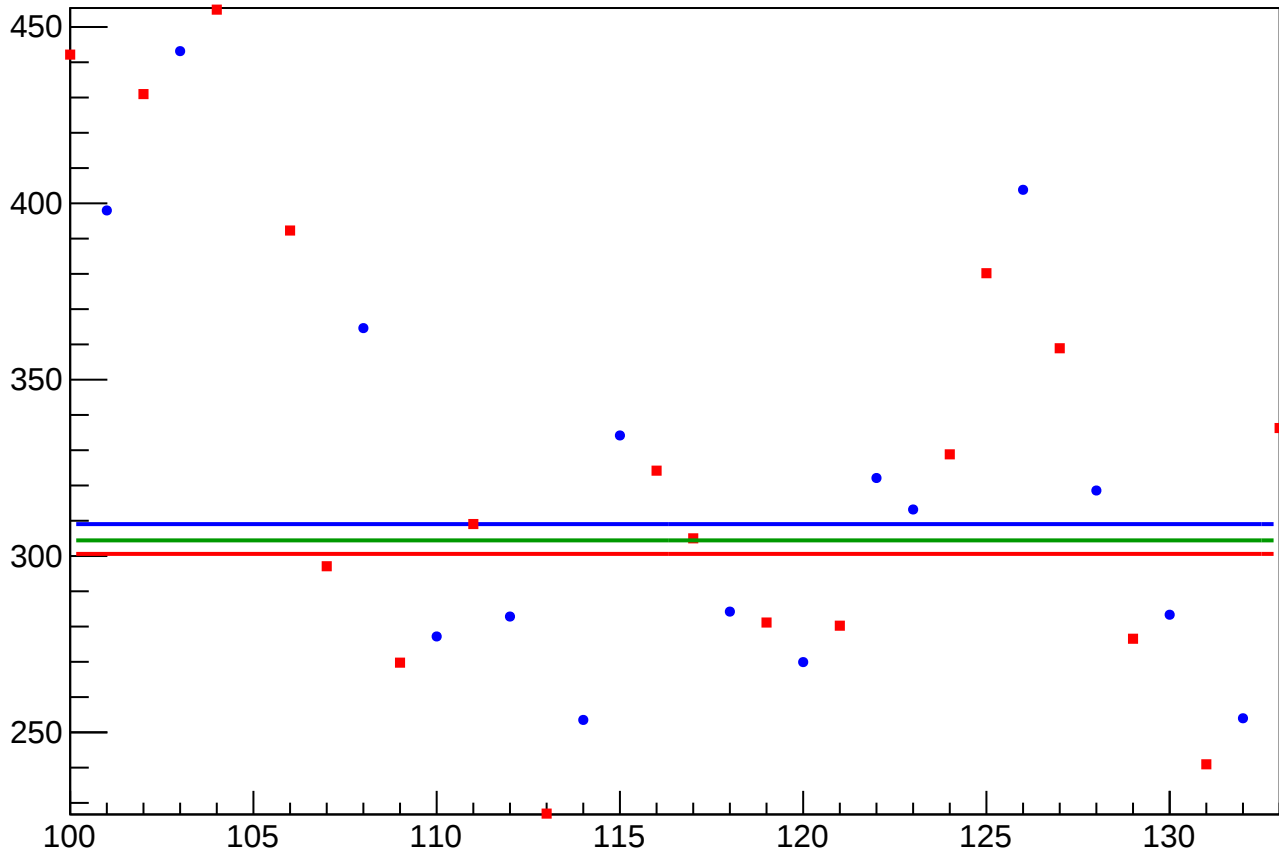
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.982+/-132.956 χ^2/NDF : 143.6/14

-495.581+/-89.579 χ^2/NDF : 424.0/32

-883.463+/-121.223 χ^2/NDF : 257.9/17

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: 300.600+/-0.086 χ^2/NDF : 489793.1/17

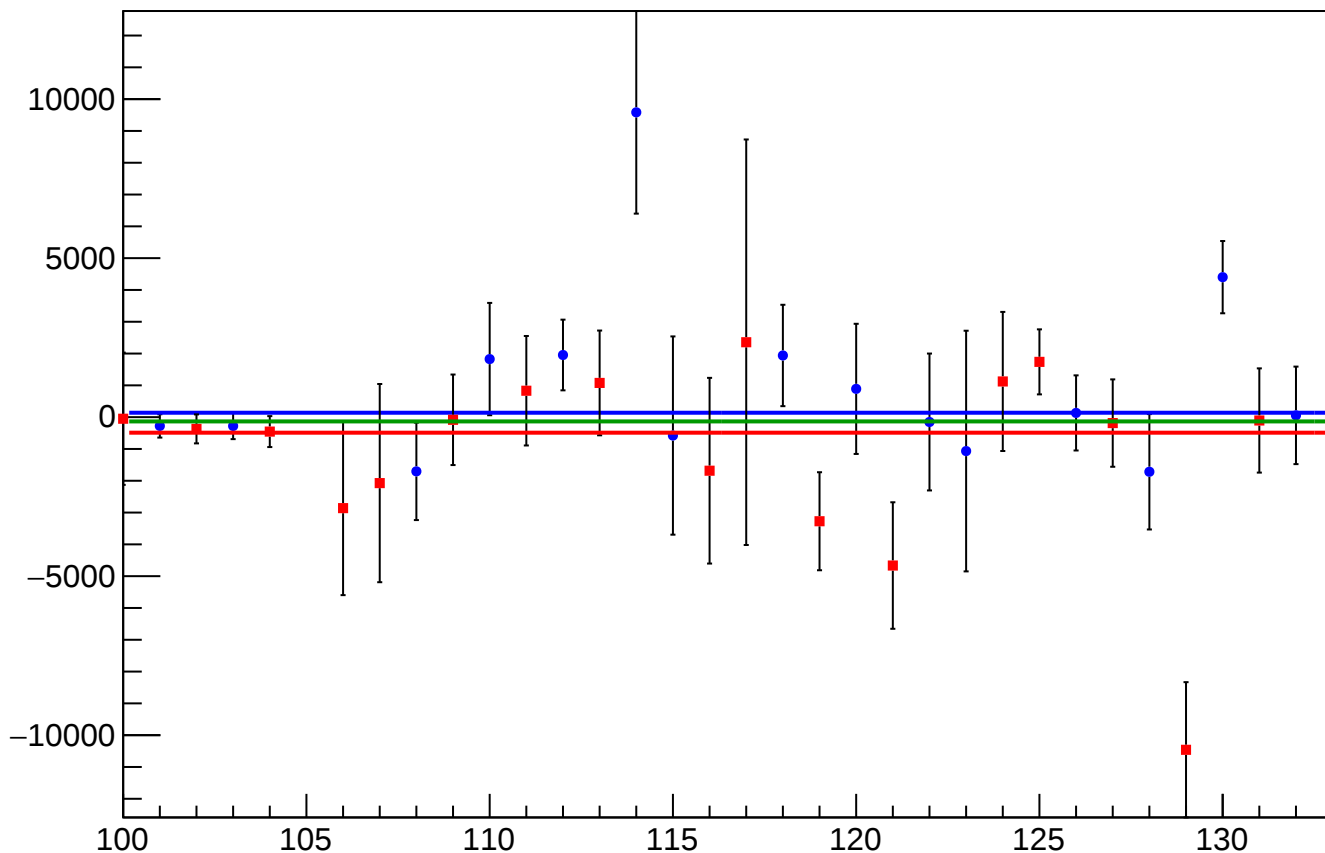
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

309.048+/-0.094 χ^2/NDF : 317810.0/14

304.435+/-0.063 χ^2/NDF : 812011.8/32

300.600+/-0.086 χ^2/NDF : 489793.1/17

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: -488.480+/-267.118 χ^2/NDF : 38.2/17

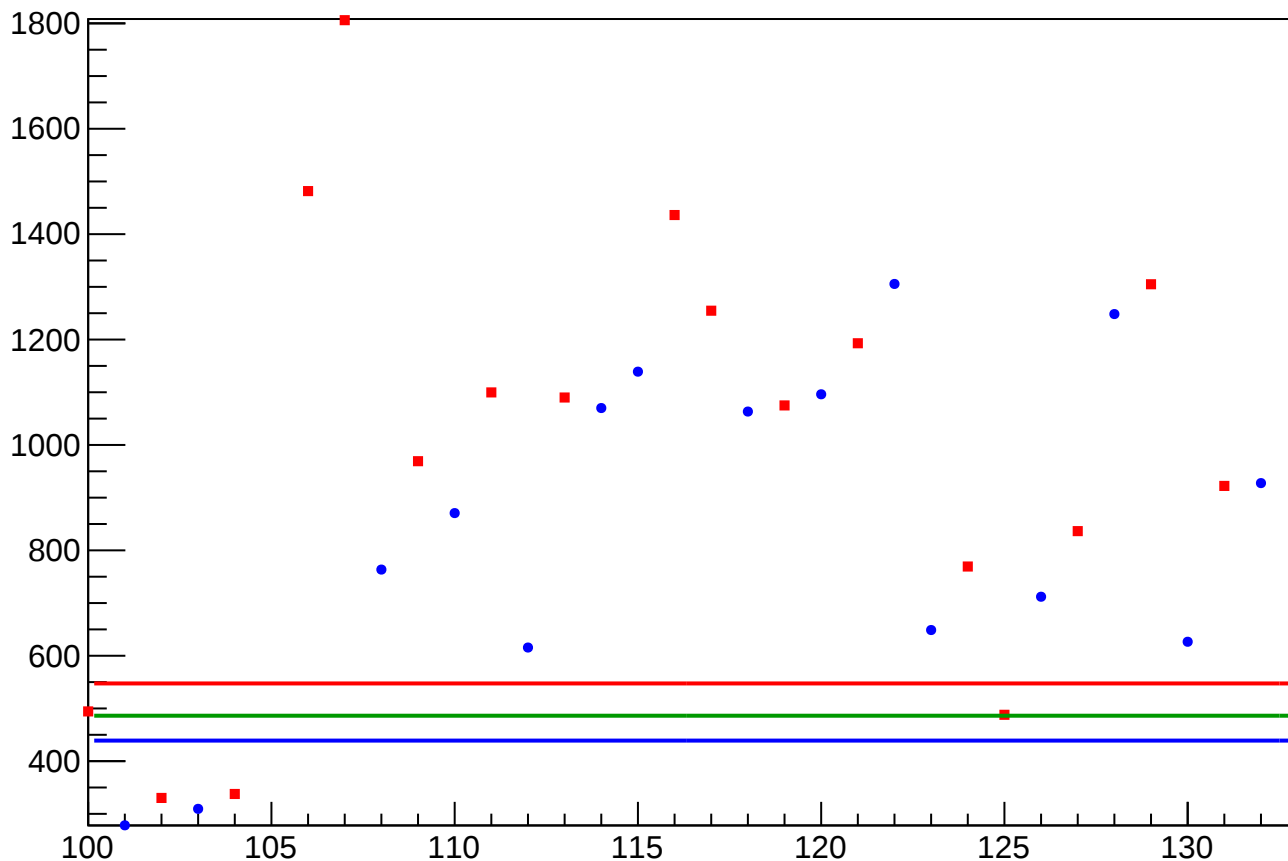
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.226+/-234.518 χ^2/NDF : 32.8/14

-134.006+/-176.234 χ^2/NDF : 74.2/32

-488.480+/-267.118 χ^2/NDF : 38.2/17

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: 547.456+/-0.189 χ^2/NDF : 3314339.0/17

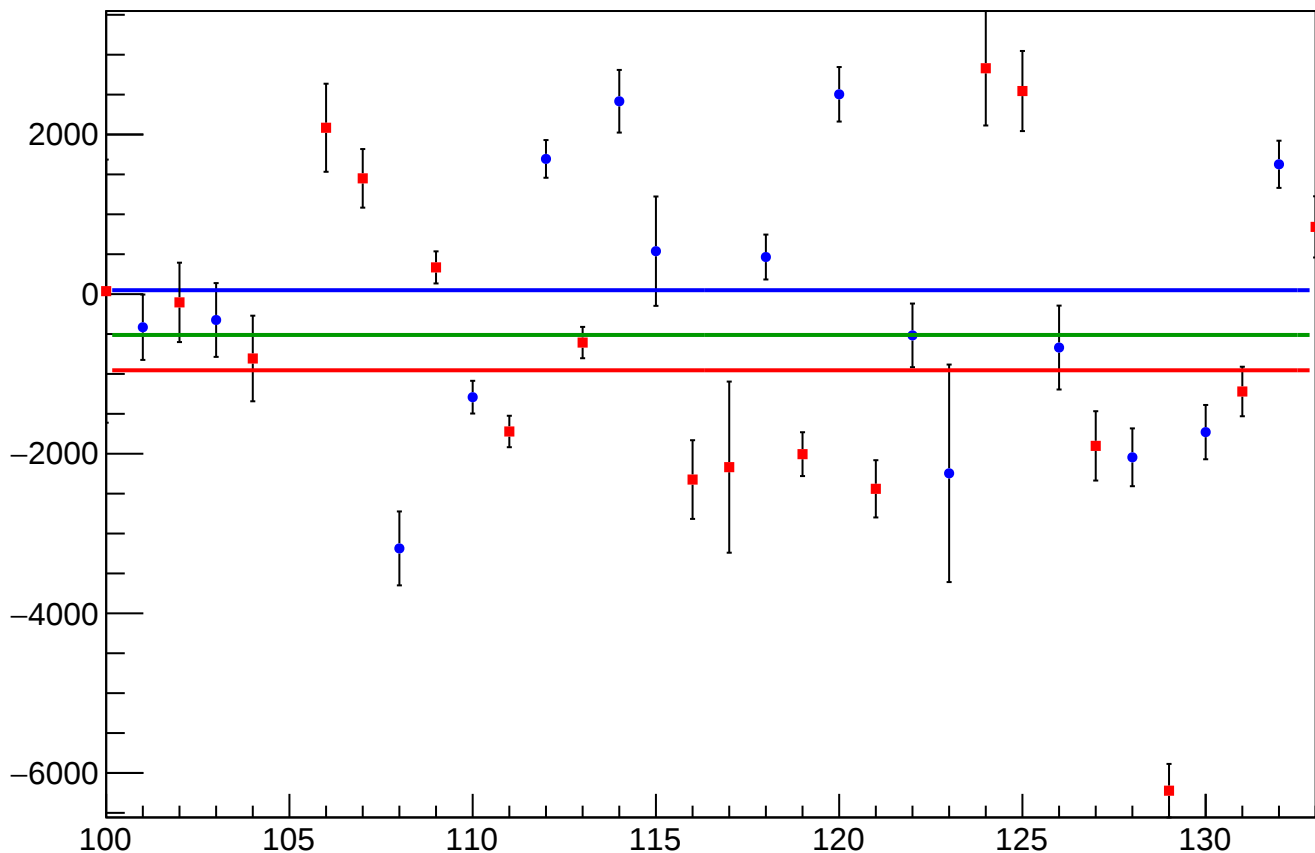
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

439.017+/-0.166 χ^2/NDF : 2625705.5/14

486.219+/-0.125 χ^2/NDF : 6126175.8/32

547.456+/-0.189 χ^2/NDF : 3314339.0/17

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: -954.442+/-79.473 χ^2/NDF : 527.4/17

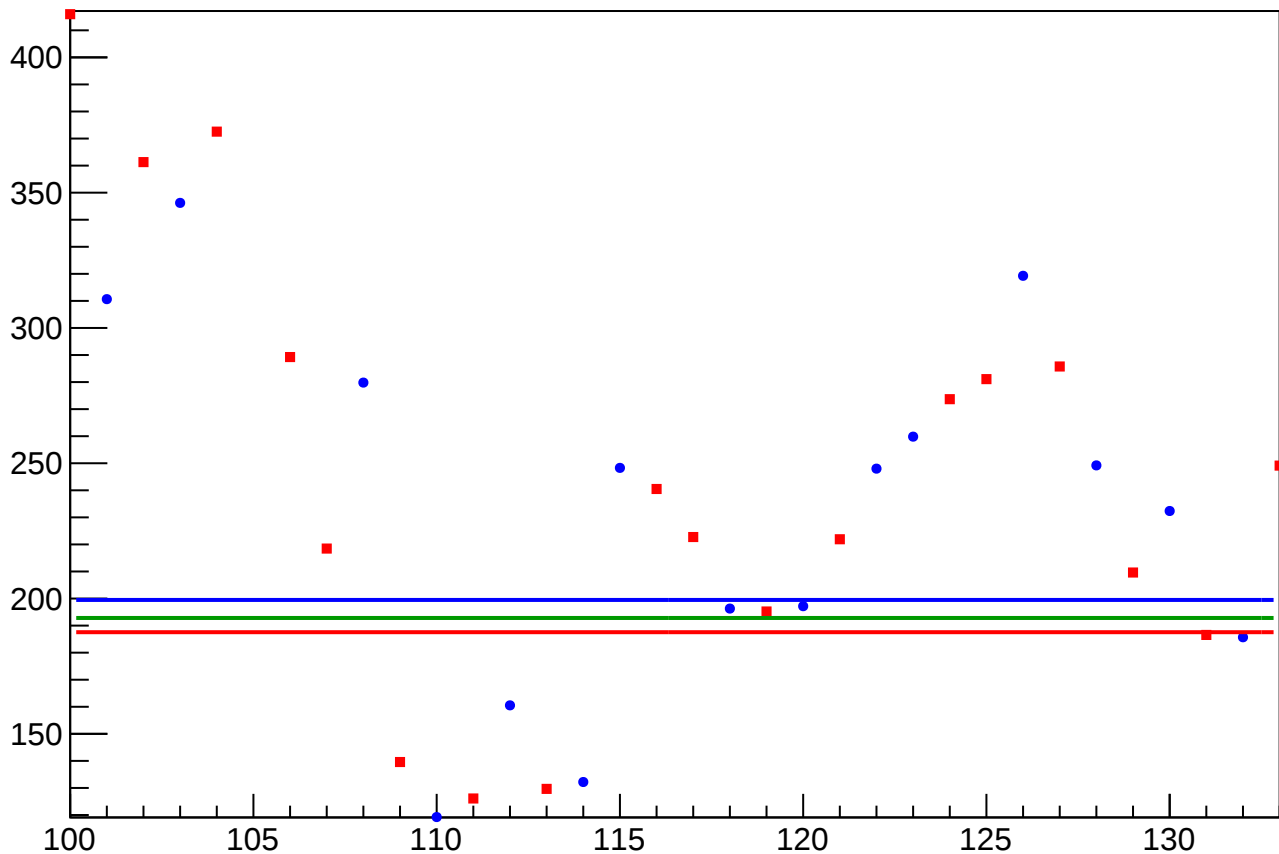
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.057+/-89.441 χ^2/NDF : 328.6/14

-511.705+/-59.409 χ^2/NDF : 926.3/32

-954.442+/-79.473 χ^2/NDF : 527.4/17

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 199.483 ± 0.063 $\chi^2/\text{NDF}: 1037380.8/14$

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

Right Out: 187.564 ± 0.056 $\chi^2/\text{NDF}: 1390591.8/17$

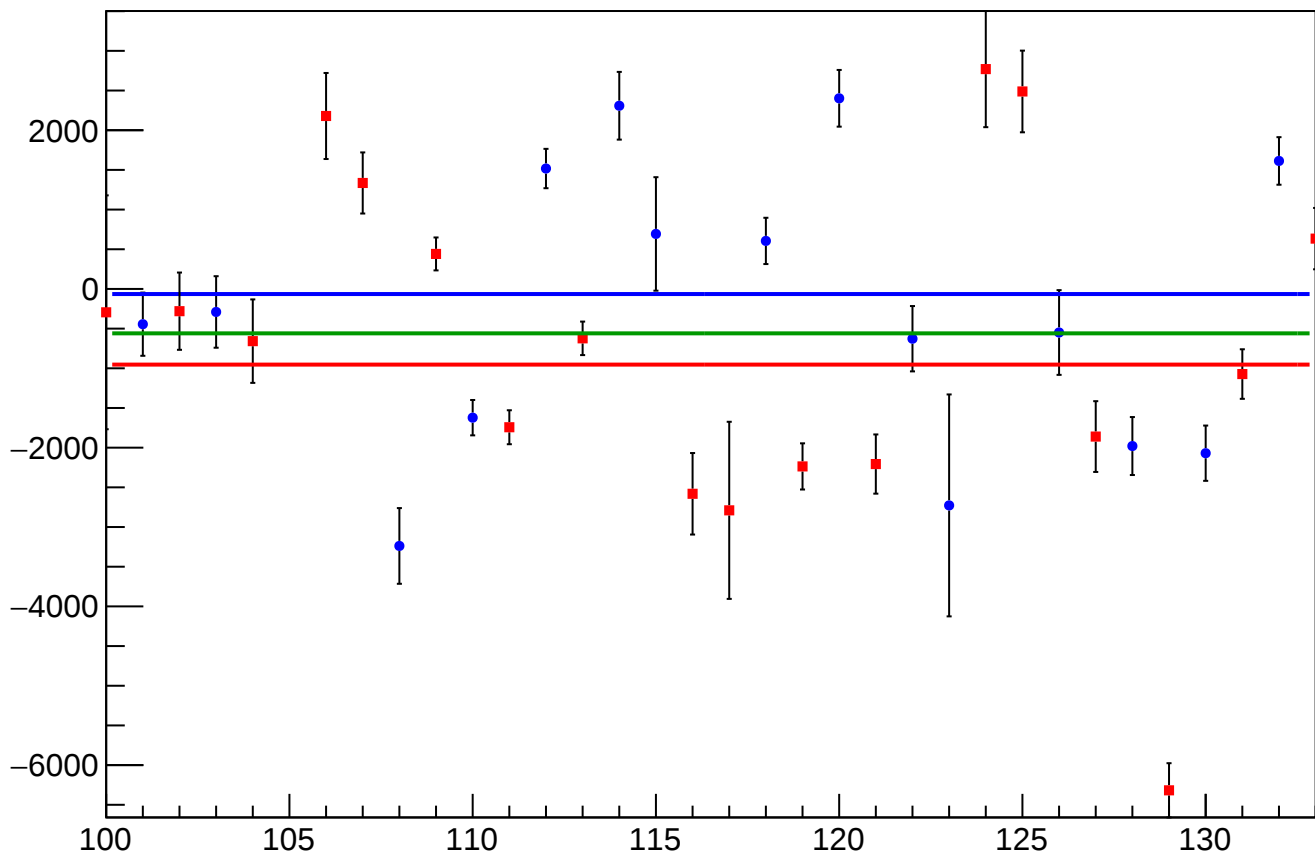
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

199.483 ± 0.063 $\chi^2/\text{NDF}: 1037380.8/14$

192.823 ± 0.042 $\chi^2/\text{NDF}: 2447821.1/32$

187.564 ± 0.056 $\chi^2/\text{NDF}: 1390591.8/17$

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: -953.399+/-82.837 χ^2 /NDF: 513.9/17

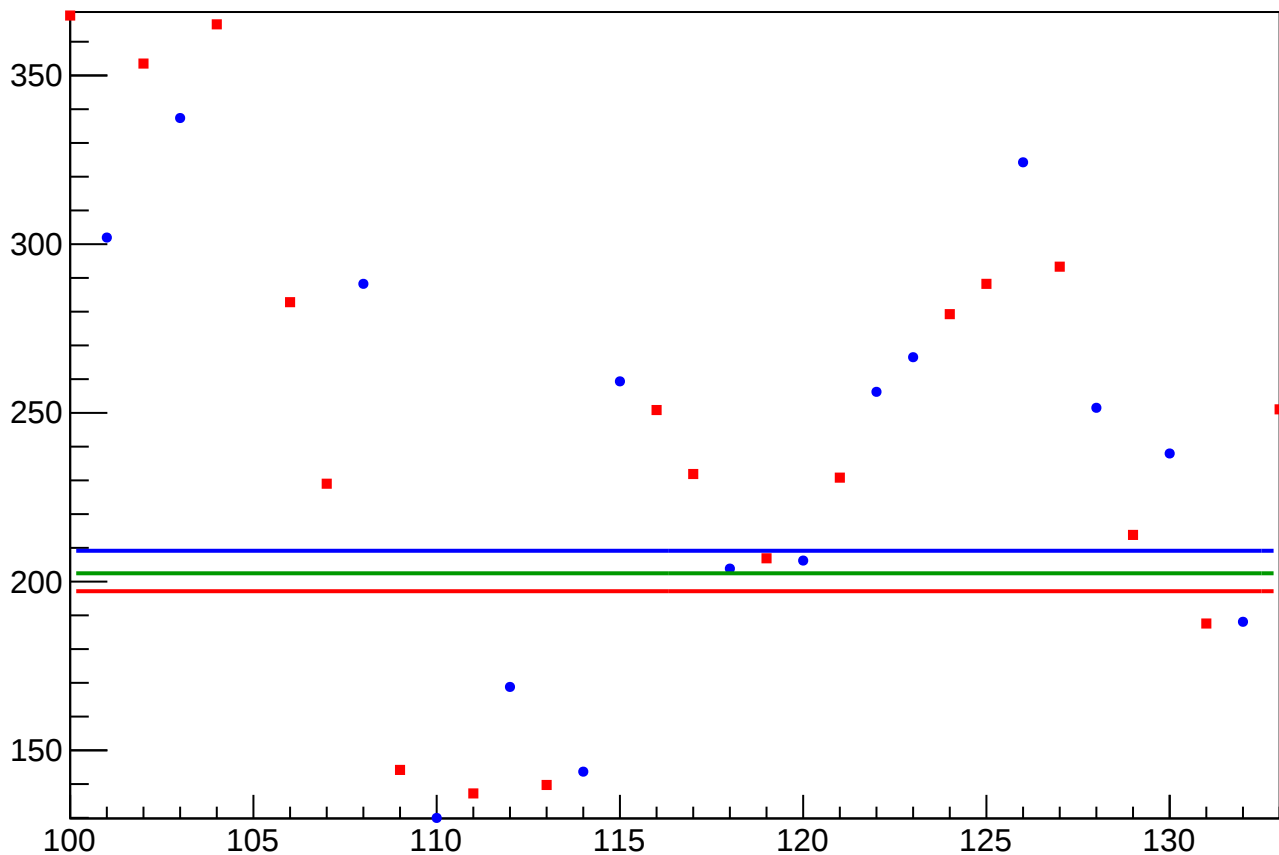
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-64.355+/-92.892 χ^2 /NDF: 318.3/14

-559.583+/-61.825 χ^2 /NDF: 883.2/32

-953.399+/-82.837 χ^2 /NDF: 513.9/17

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: 197.155+/-0.059 χ^2/NDF : 1204820.7/17

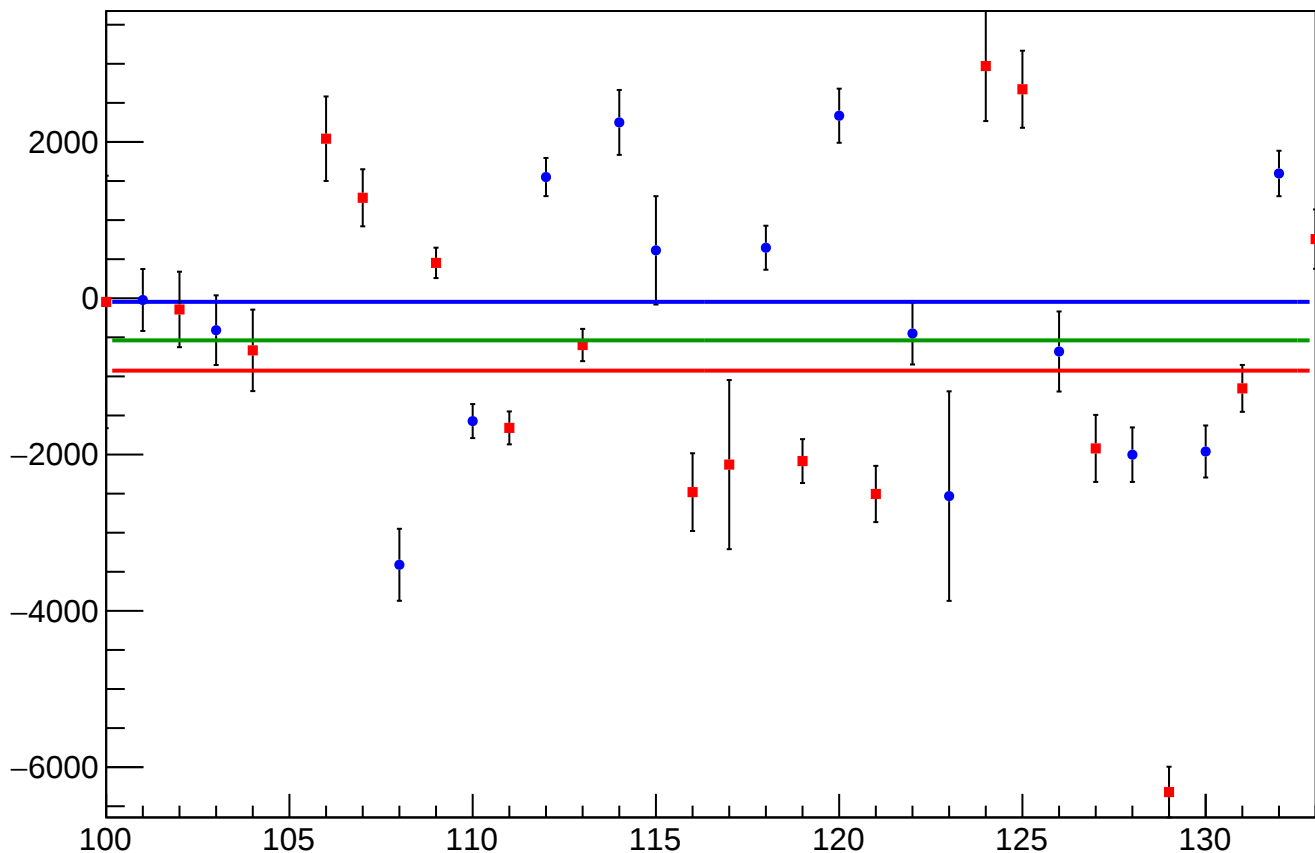
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

209.140+/-0.066 χ^2/NDF : 862063.3/14

202.464+/-0.044 χ^2/NDF : 2085428.3/32

197.155+/-0.059 χ^2/NDF : 1204820.7/17

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: -926.112+/-80.026 χ^2 /NDF: 567.8/17

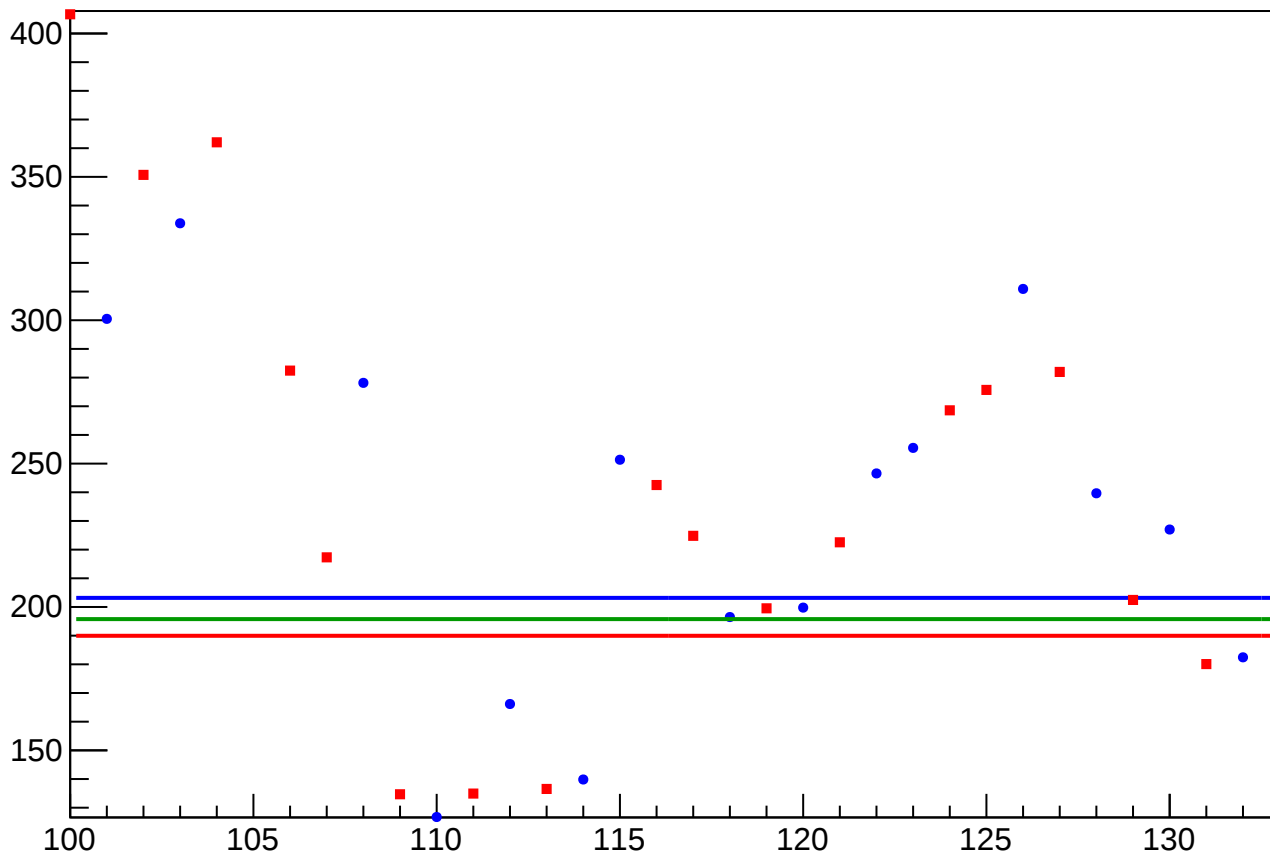
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-45.886+/-90.288 χ^2 /NDF: 333.3/14

-538.841+/-59.888 χ^2 /NDF: 954.3/32

-926.112+/-80.026 χ^2 /NDF: 567.8/17

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: 189.954+/-0.057 χ^2/NDF : 1247316.2/17

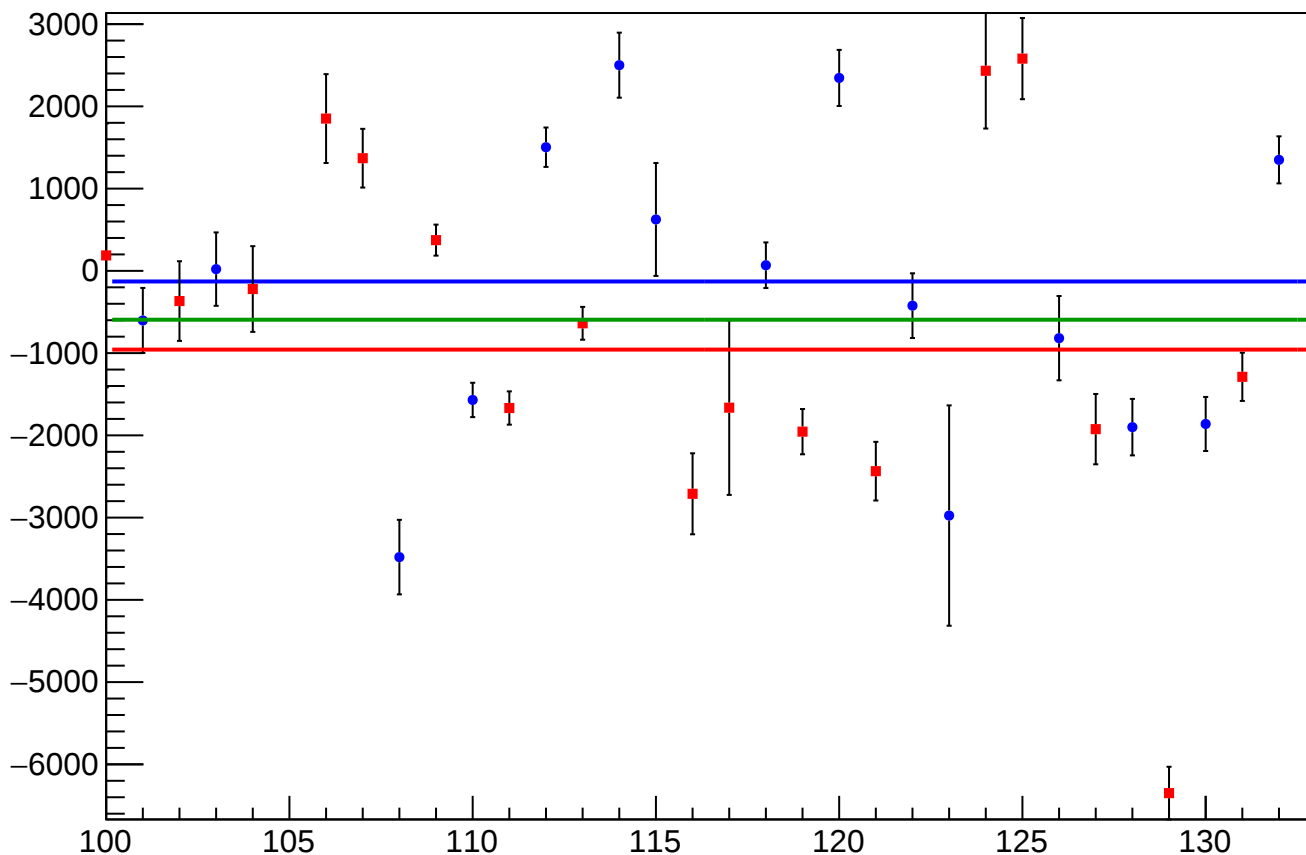
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.176+/-0.064 χ^2/NDF : 853484.3/14

195.771+/-0.042 χ^2/NDF : 2124820.0/32

189.954+/-0.057 χ^2/NDF : 1247316.2/17

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: -957.205+/-78.262 χ^2/NDF : 564.7/17

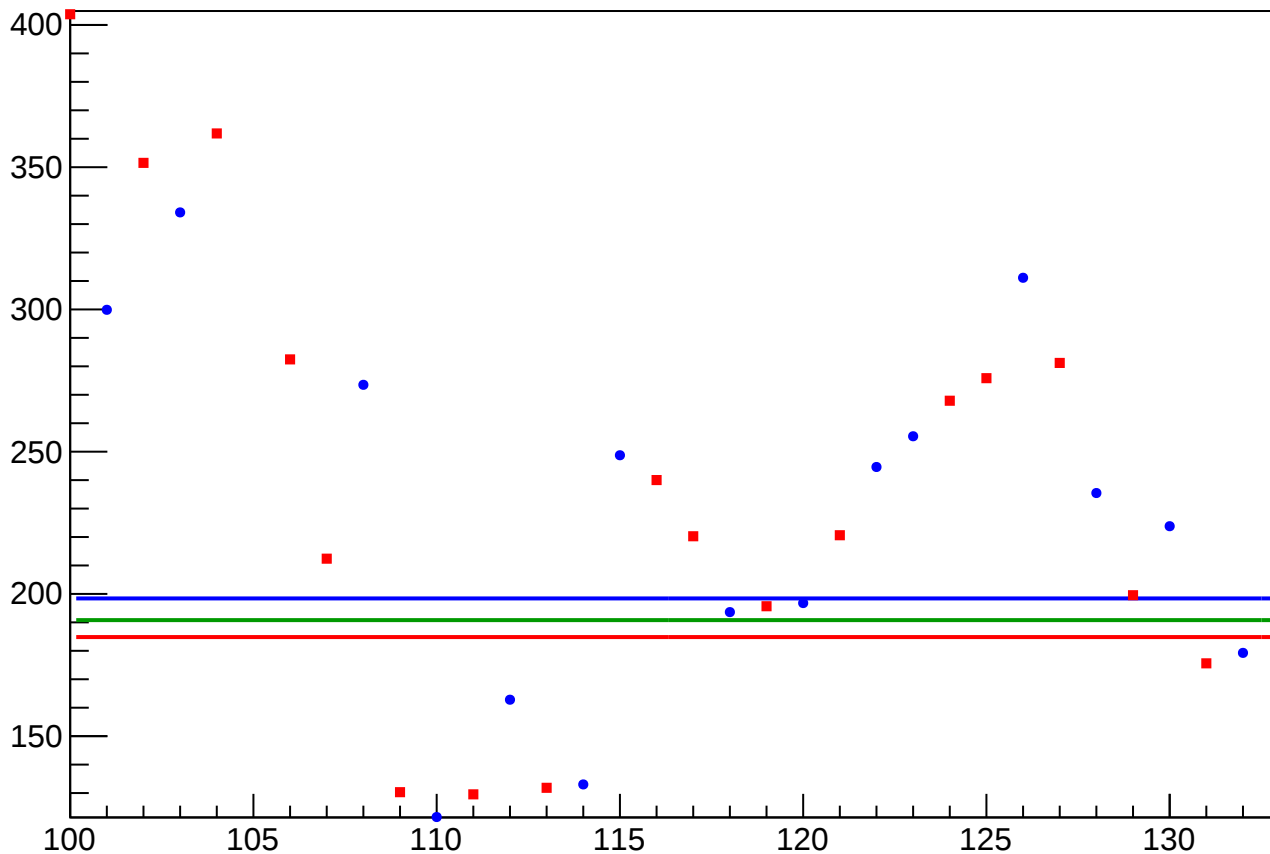
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-128.959+/-88.539 χ^2/NDF : 336.9/14

-593.920+/-58.638 χ^2/NDF : 950.7/32

-957.205+/-78.262 χ^2/NDF : 564.7/17

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: 184.832+/-0.055 χ^2/NDF : 1346323.1/17

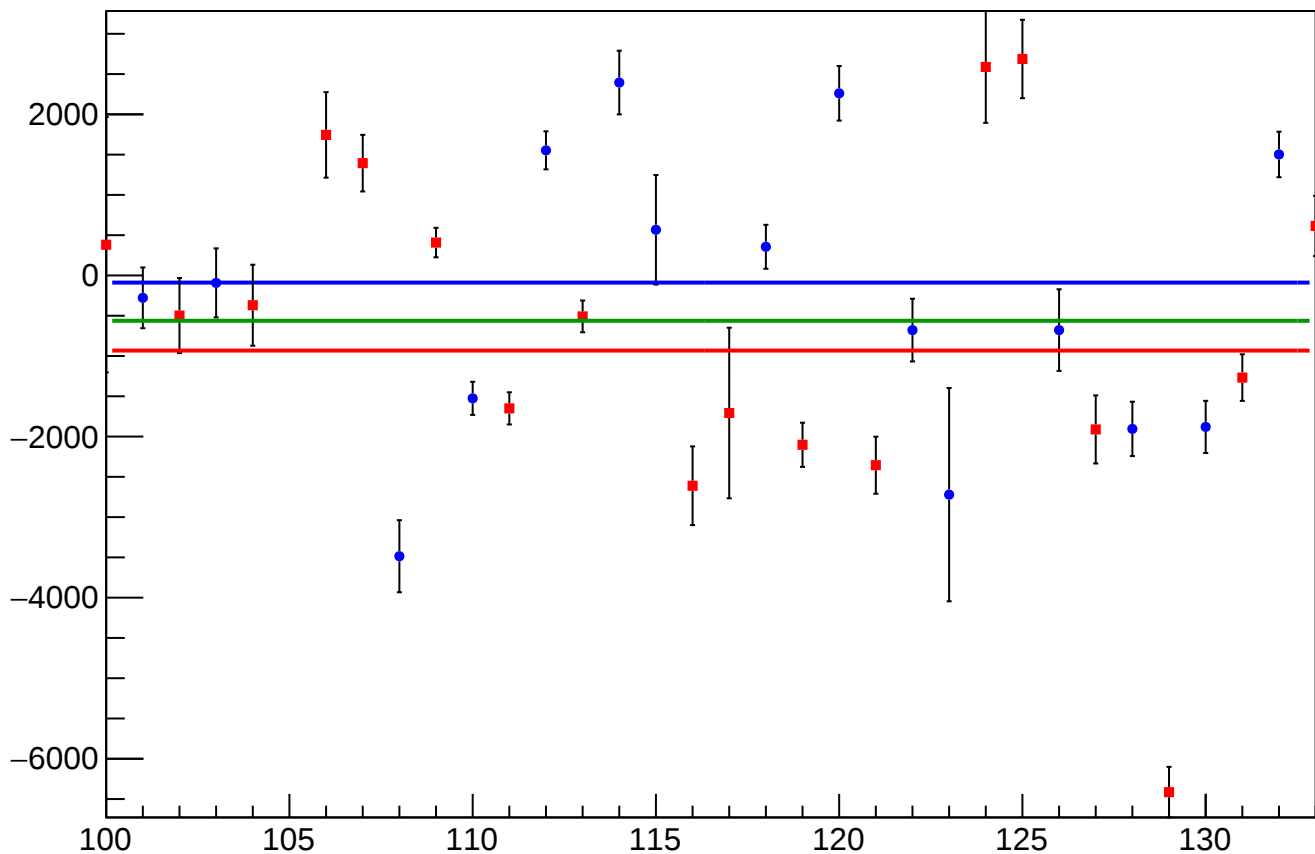
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.412+/-0.063 χ^2/NDF : 924869.3/14

190.789+/-0.041 χ^2/NDF : 2297608.5/32

184.832+/-0.055 χ^2/NDF : 1346323.1/17

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: -932.407+/-76.979 χ^2 /NDF: 599.4/17

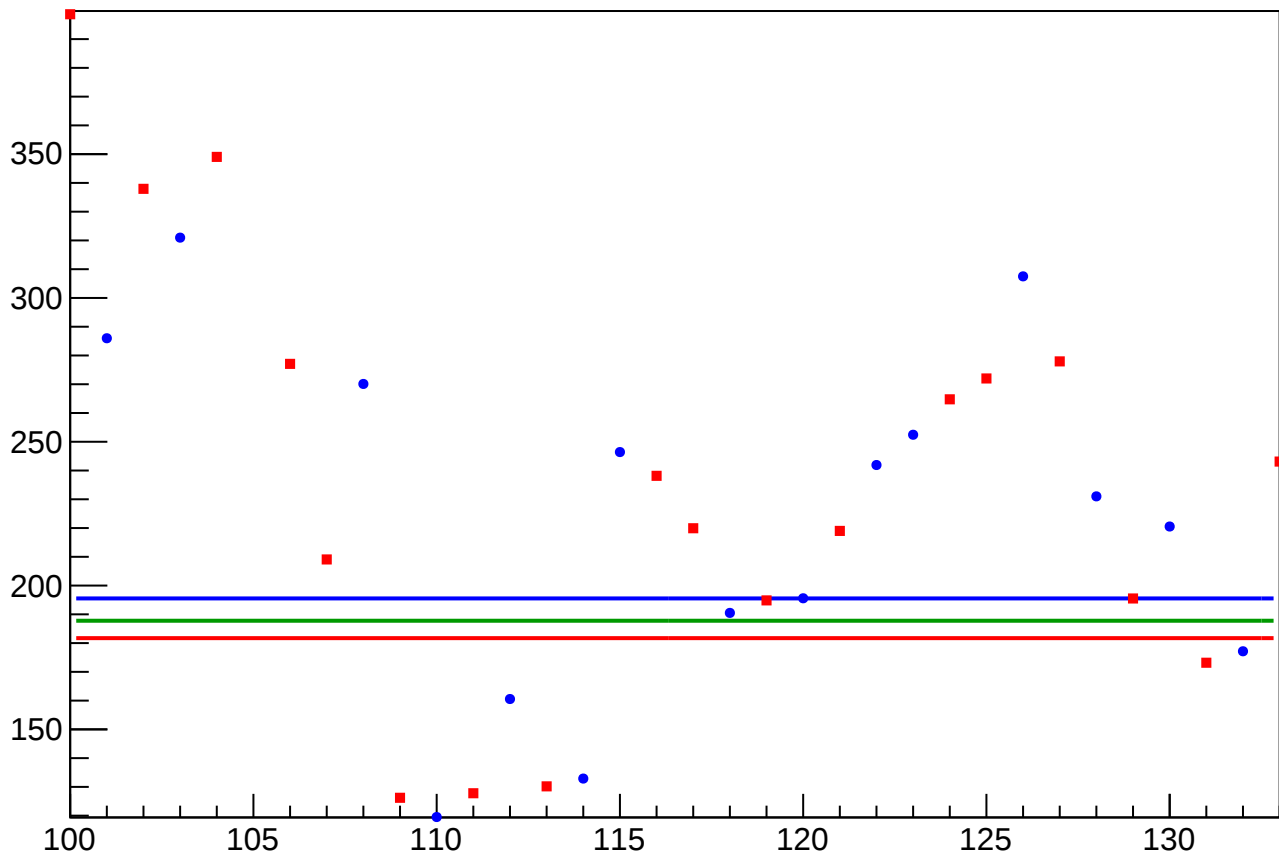
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-88.481+/-87.151 χ^2 /NDF: 345.1/14

-562.544+/-57.695 χ^2 /NDF: 997.1/32

-932.407+/-76.979 χ^2 /NDF: 599.4/17

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: 181.720+/-0.054 χ^2/NDF : 1343225.7/17

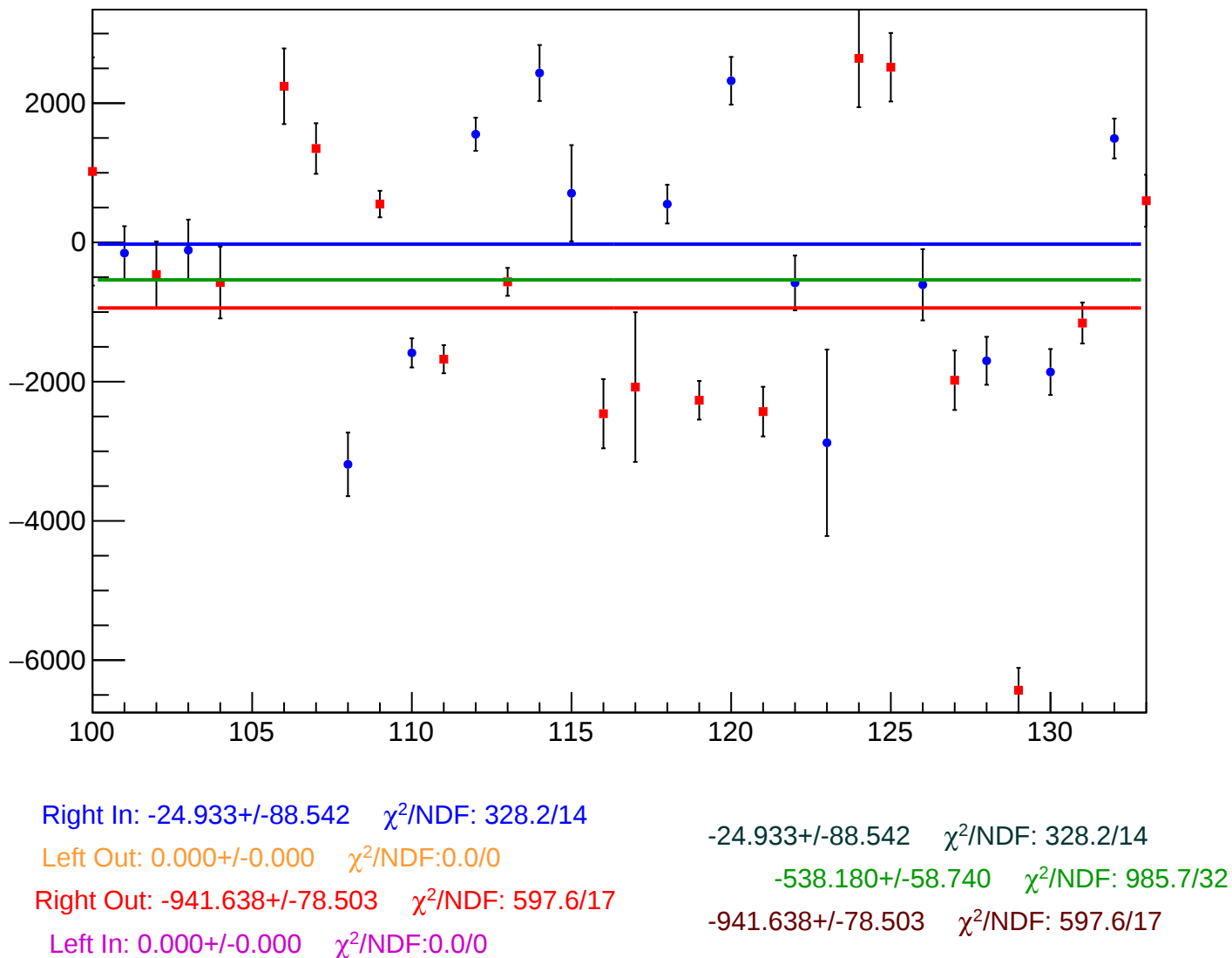
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.529+/-0.062 χ^2/NDF : 893559.0/14

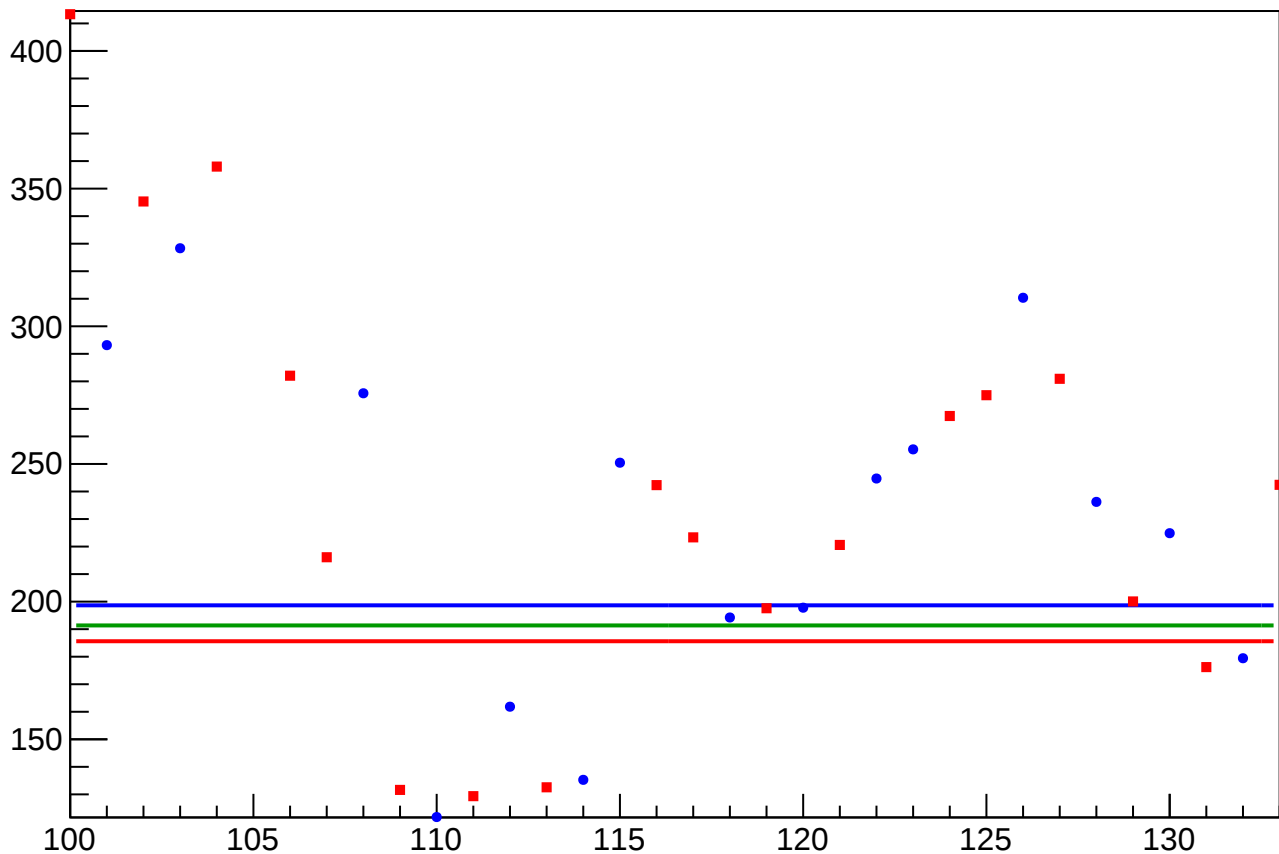
187.772+/-0.041 χ^2/NDF : 2264990.4/32

181.720+/-0.054 χ^2/NDF : 1343225.7/17

asym_bpm0l09WS_mean vs Slug, Sign Corrected



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: 185.616+/-0.056 χ^2/NDF : 1317067.8/17

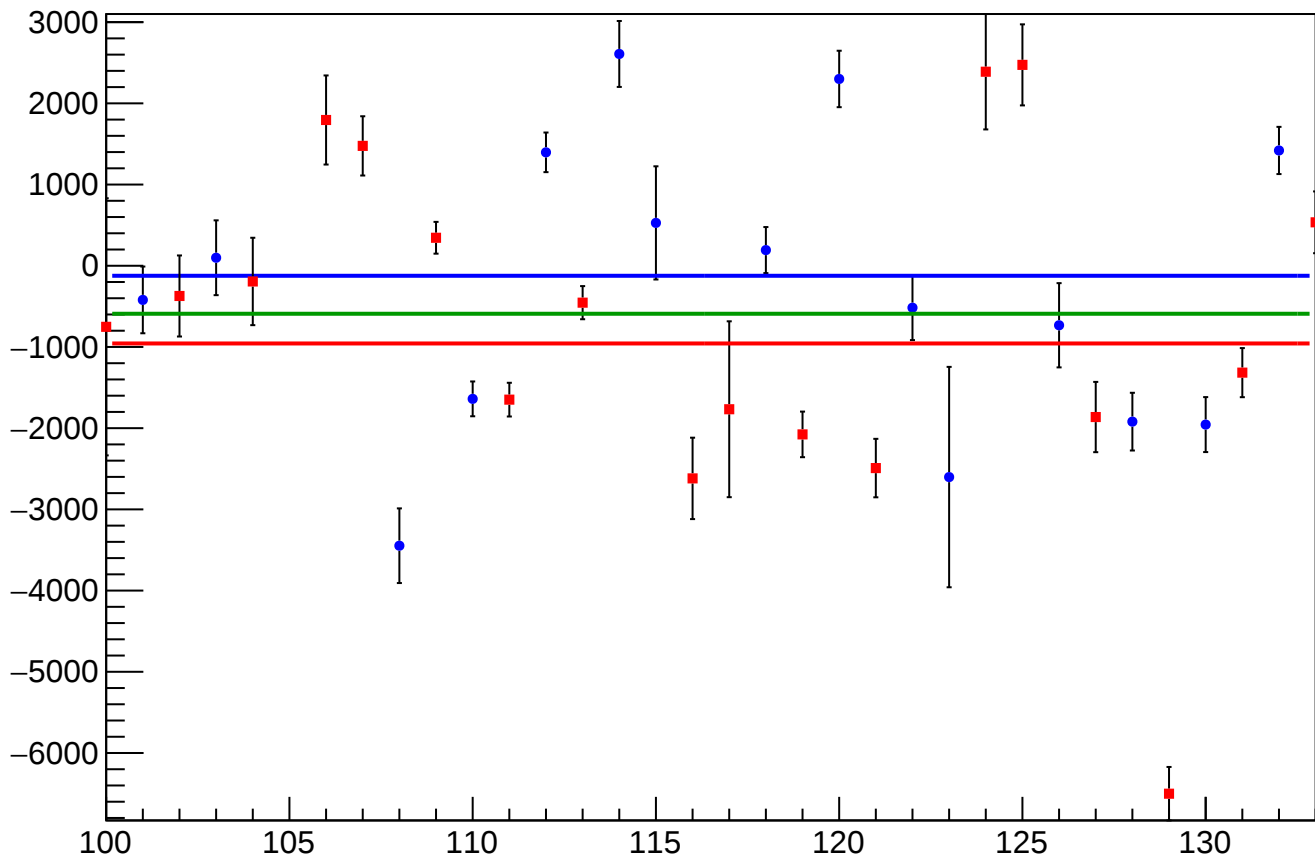
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.657+/-0.063 χ^2/NDF : 902601.7/14

191.355+/-0.042 χ^2/NDF : 2243959.7/32

185.616+/-0.056 χ^2/NDF : 1317067.8/17

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: -956.921+/-80.147 χ^2/NDF : 554.0/17

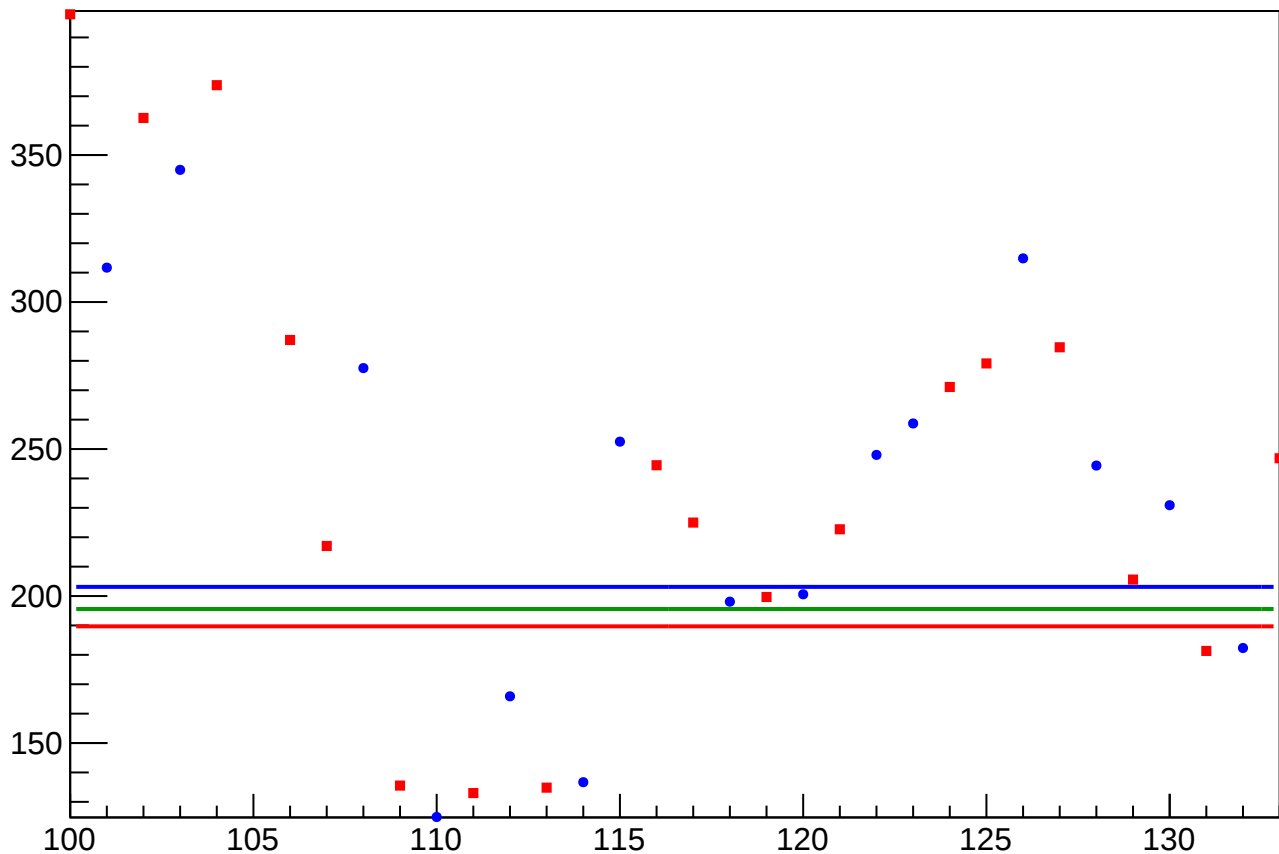
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-123.370+/-90.607 χ^2/NDF : 326.6/14

-591.015+/-60.032 χ^2/NDF : 928.1/32

-956.921+/-80.147 χ^2/NDF : 554.0/17

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: 189.698+/-0.057 χ^2/NDF : 1313509.5/17

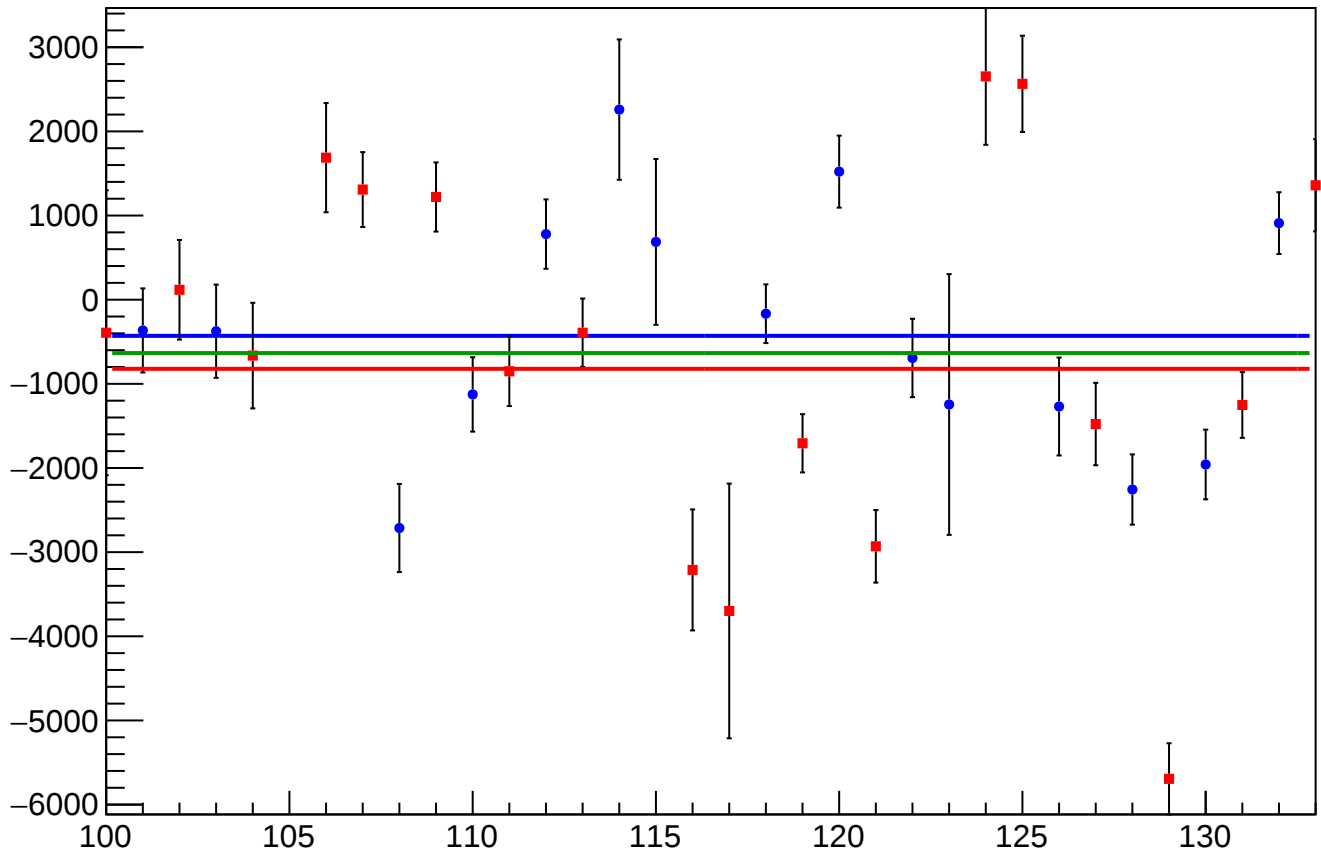
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.122+/-0.064 χ^2/NDF : 931494.2/14

195.591+/-0.042 χ^2/NDF : 2269635.7/32

189.698+/-0.057 χ^2/NDF : 1313509.5/17

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: -821.239+/-118.422 χ^2 /NDF: 316.3/17

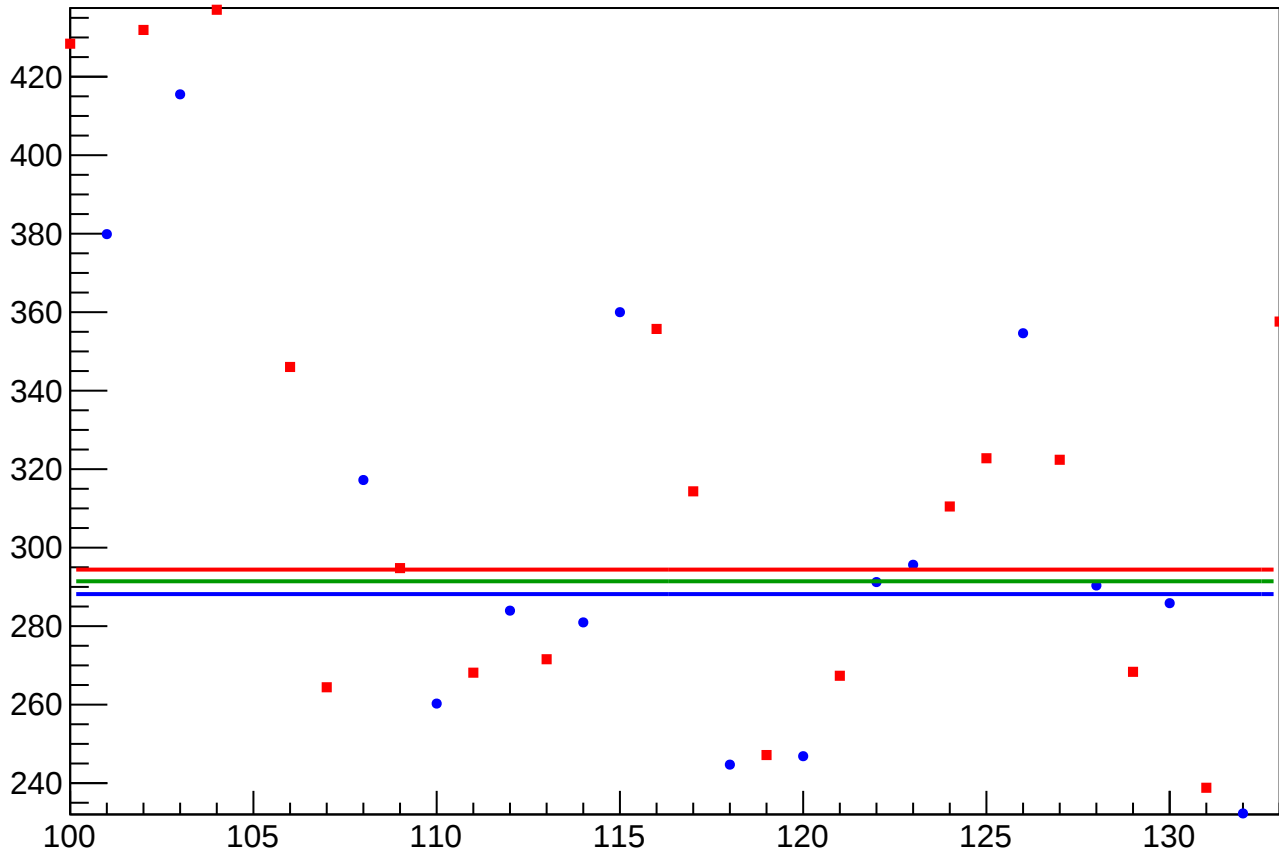
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-429.577+/-123.997 χ^2 /NDF: 111.9/14

-634.411+/-85.640 χ^2 /NDF: 433.4/32

-821.239+/-118.422 χ^2 /NDF: 316.3/17

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: 294.411+/-0.084 χ^2/NDF : 406916.2/17

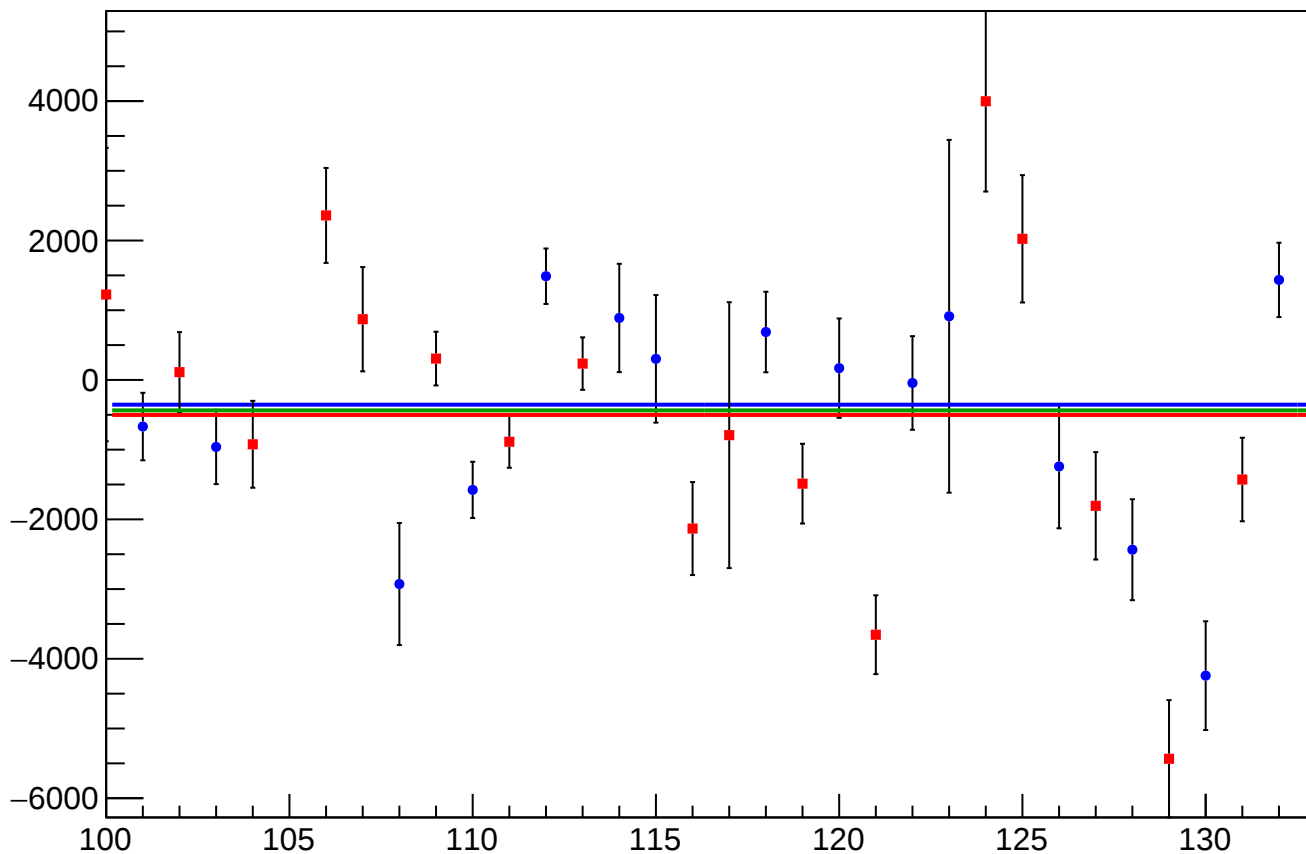
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.166+/-0.088 χ^2/NDF : 320525.9/14

291.432+/-0.061 χ^2/NDF : 730094.9/32

294.411+/-0.084 χ^2/NDF : 406916.2/17

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: -501.788+/-141.438 χ^2 /NDF: 140.6/17

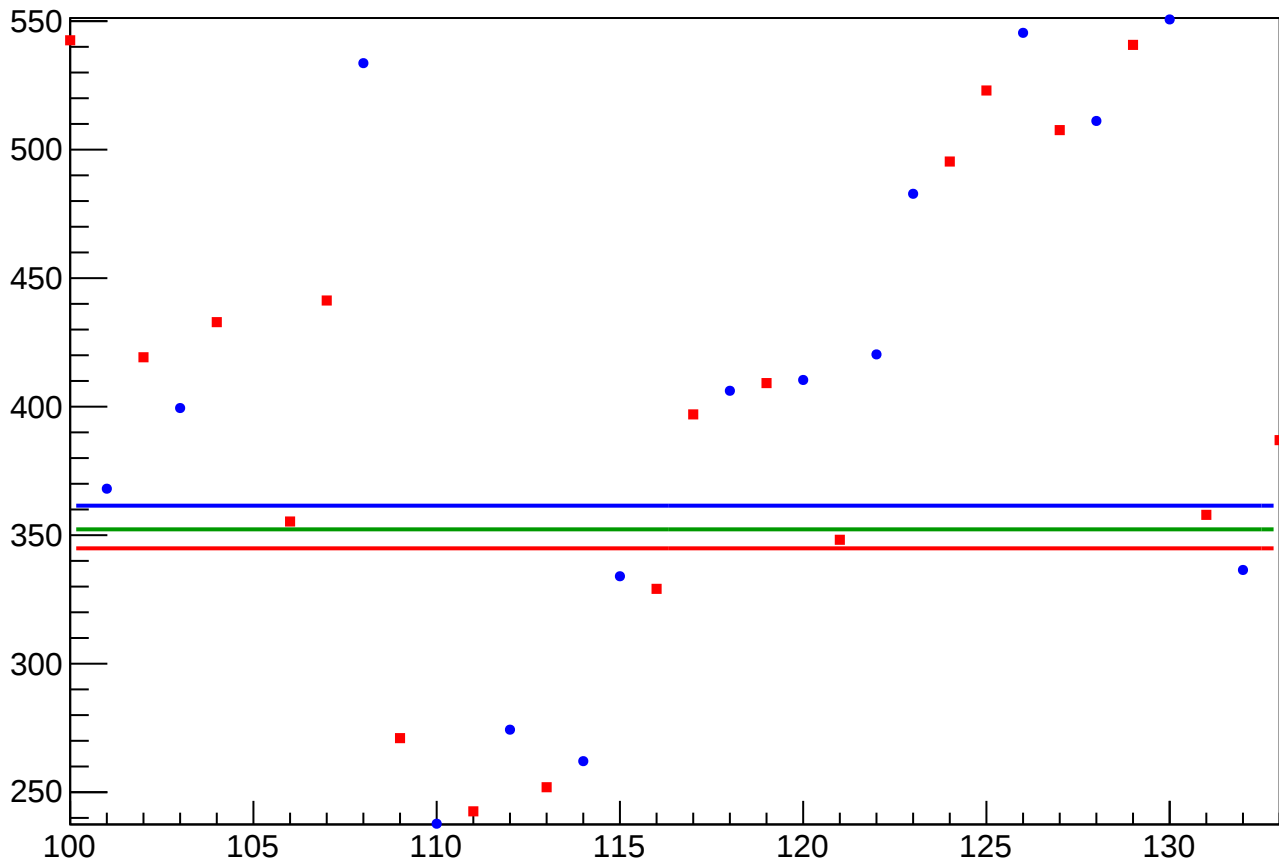
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-354.813+/-157.919 χ^2 /NDF: 93.7/14

-436.368+/-105.358 χ^2 /NDF: 234.8/32

-501.788+/-141.438 χ^2 /NDF: 140.6/17

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: 344.881+/-0.100 χ^2/NDF : 809920.1/17

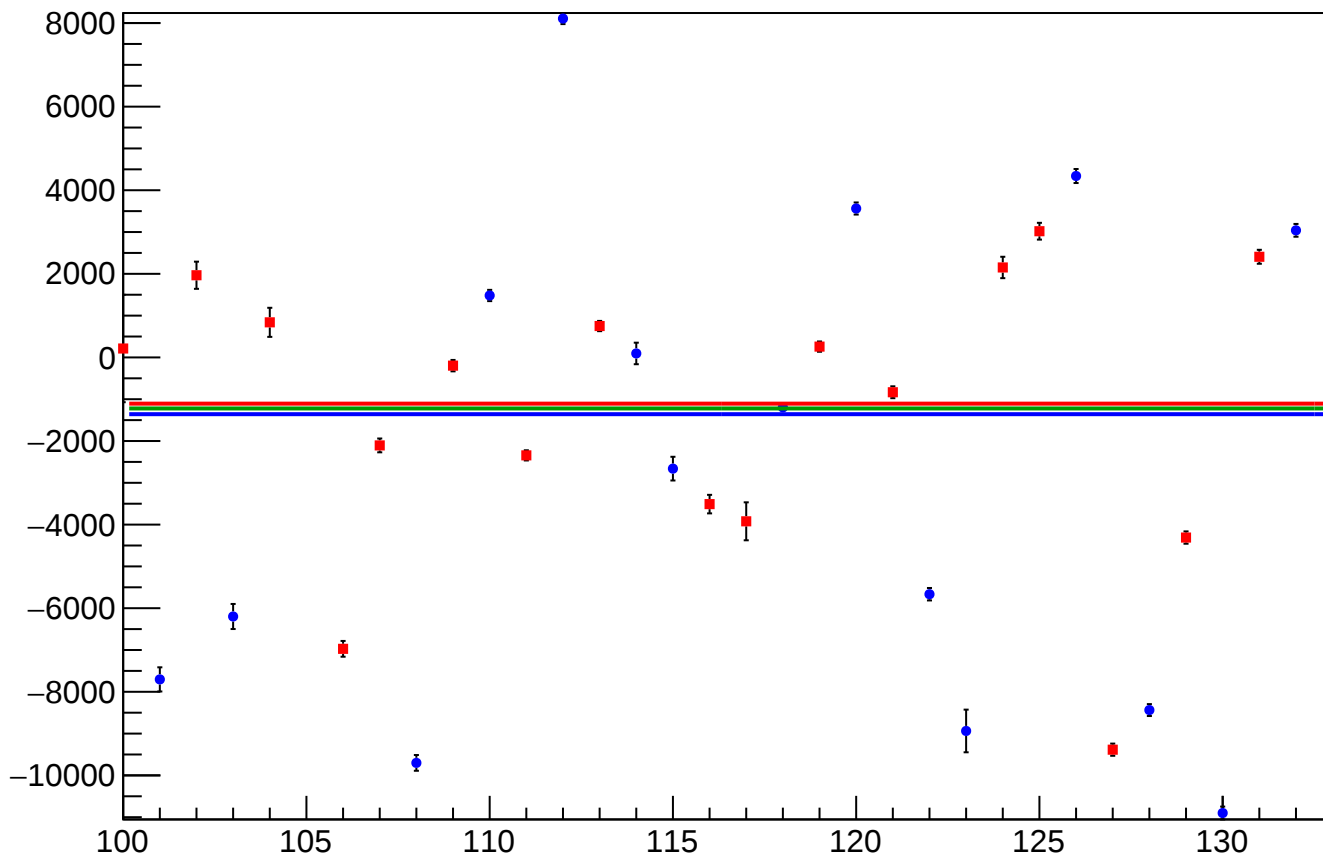
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

361.483+/-0.112 χ^2/NDF : 741596.7/14

352.270+/-0.074 χ^2/NDF : 1563782.5/32

344.881+/-0.100 χ^2/NDF : 809920.1/17

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: -1105.874+/-39.957 χ^2/NDF : 8280.0/17

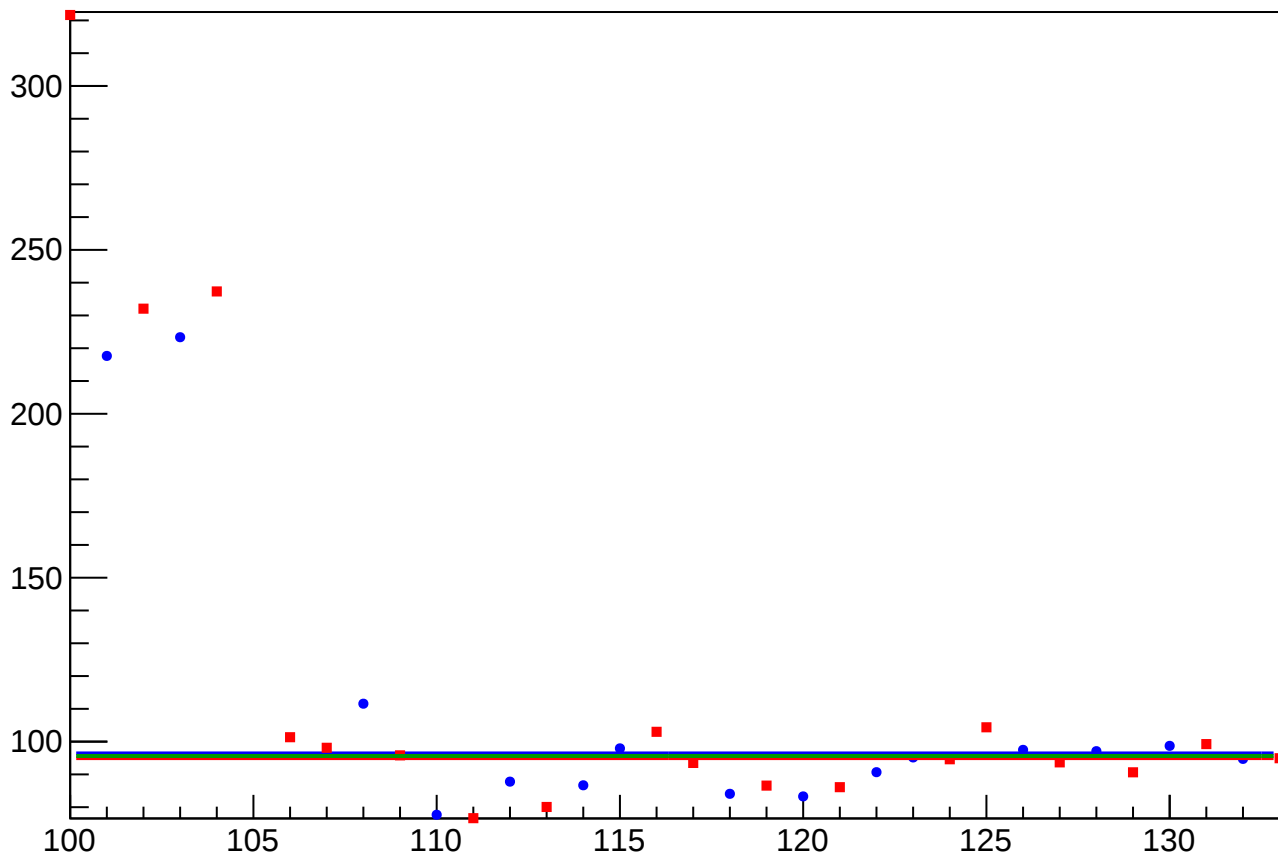
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1358.001+/-43.575 χ^2/NDF : 18808.5/14

-1221.037+/-29.450 χ^2/NDF : 27106.7/32

-1105.874+/-39.957 χ^2/NDF : 8280.0/17

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: 94.976+/-0.028 χ^2/NDF : 858076.8/17

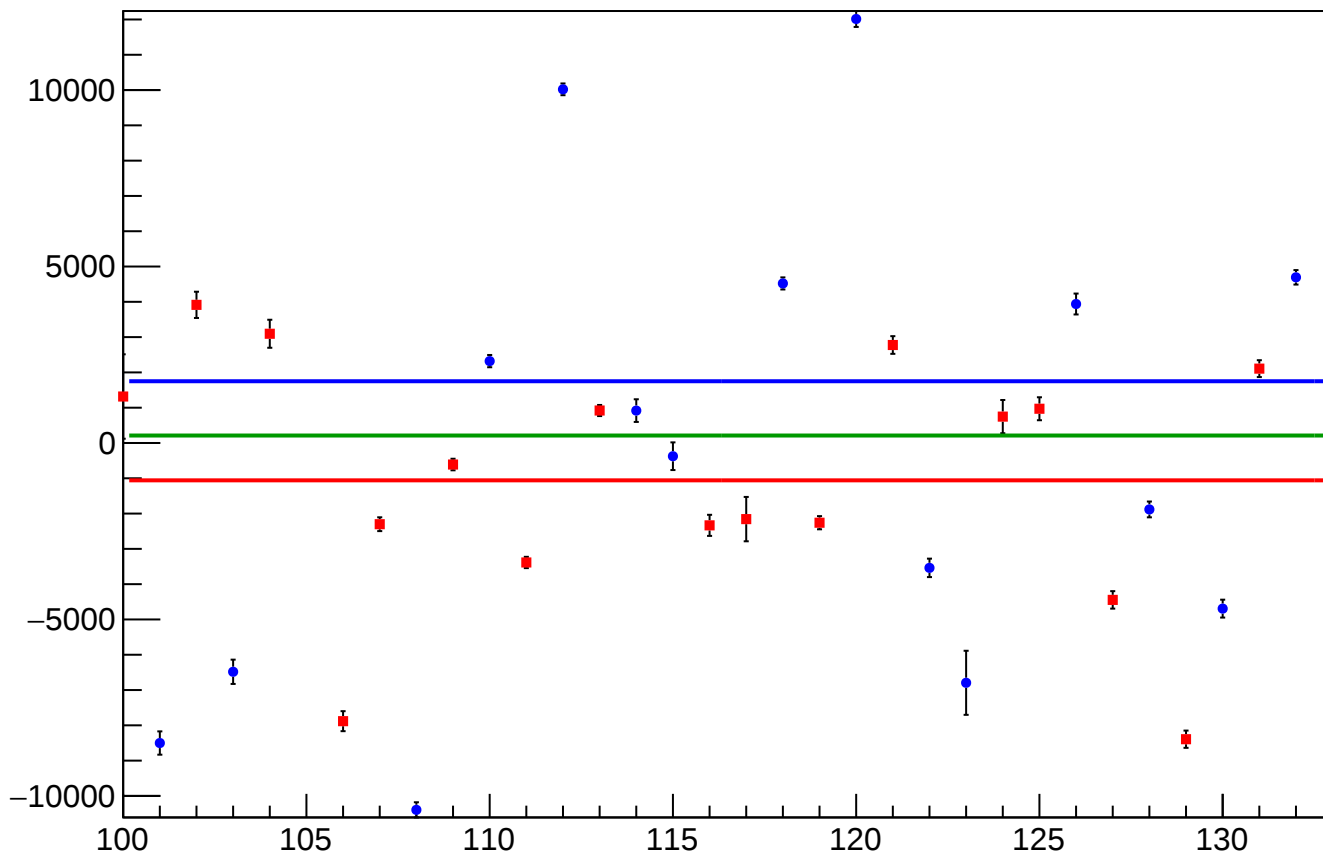
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.390+/-0.031 χ^2/NDF : 814813.2/14

95.622+/-0.021 χ^2/NDF : 1674034.7/32

94.976+/-0.028 χ^2/NDF : 858076.8/17

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: -1058.292+/-55.830 χ^2/NDF : 3535.1/17

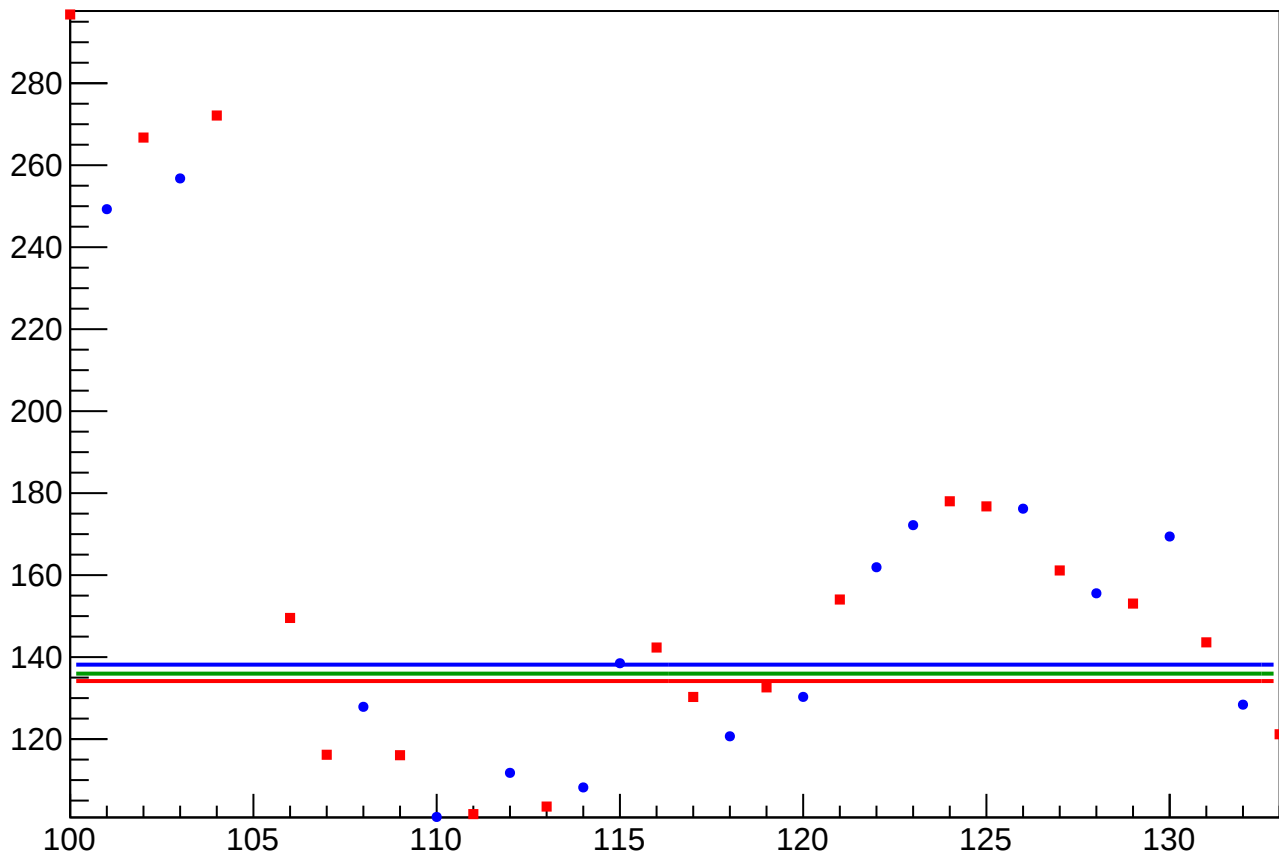
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1749.747+/-61.444 χ^2/NDF : 11231.4/14

211.609+/-41.320 χ^2/NDF : 15910.5/32

-1058.292+/-55.830 χ^2/NDF : 3535.1/17

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 138.161+/-0.043 χ^2/NDF : 750222.7/14

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

Right Out: 134.159+/-0.039 χ^2/NDF : 852134.7/17

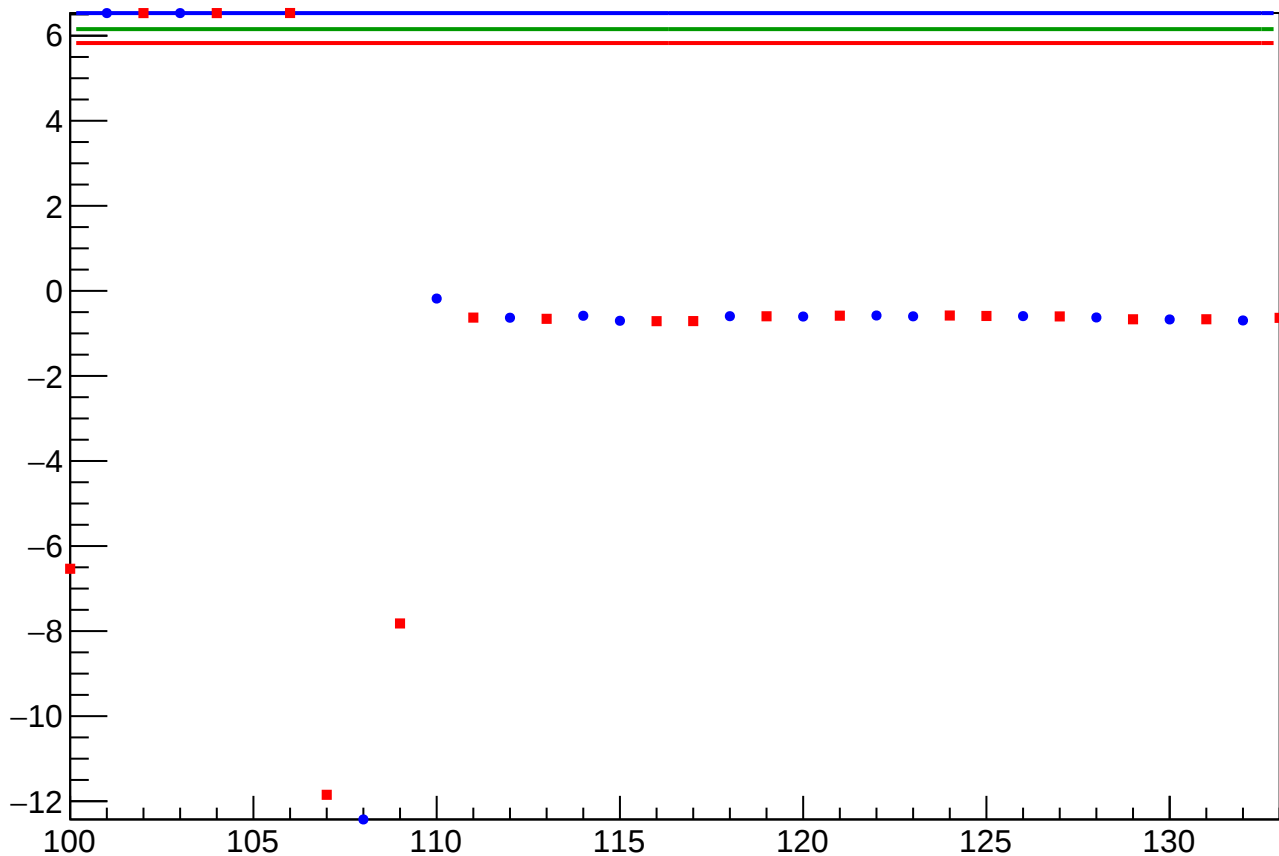
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.161+/-0.043 χ^2/NDF : 750222.7/14

135.969+/-0.029 χ^2/NDF : 1607006.7/32

134.159+/-0.039 χ^2/NDF : 852134.7/17

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 98001152794.4/14

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

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755932992759489.6/17

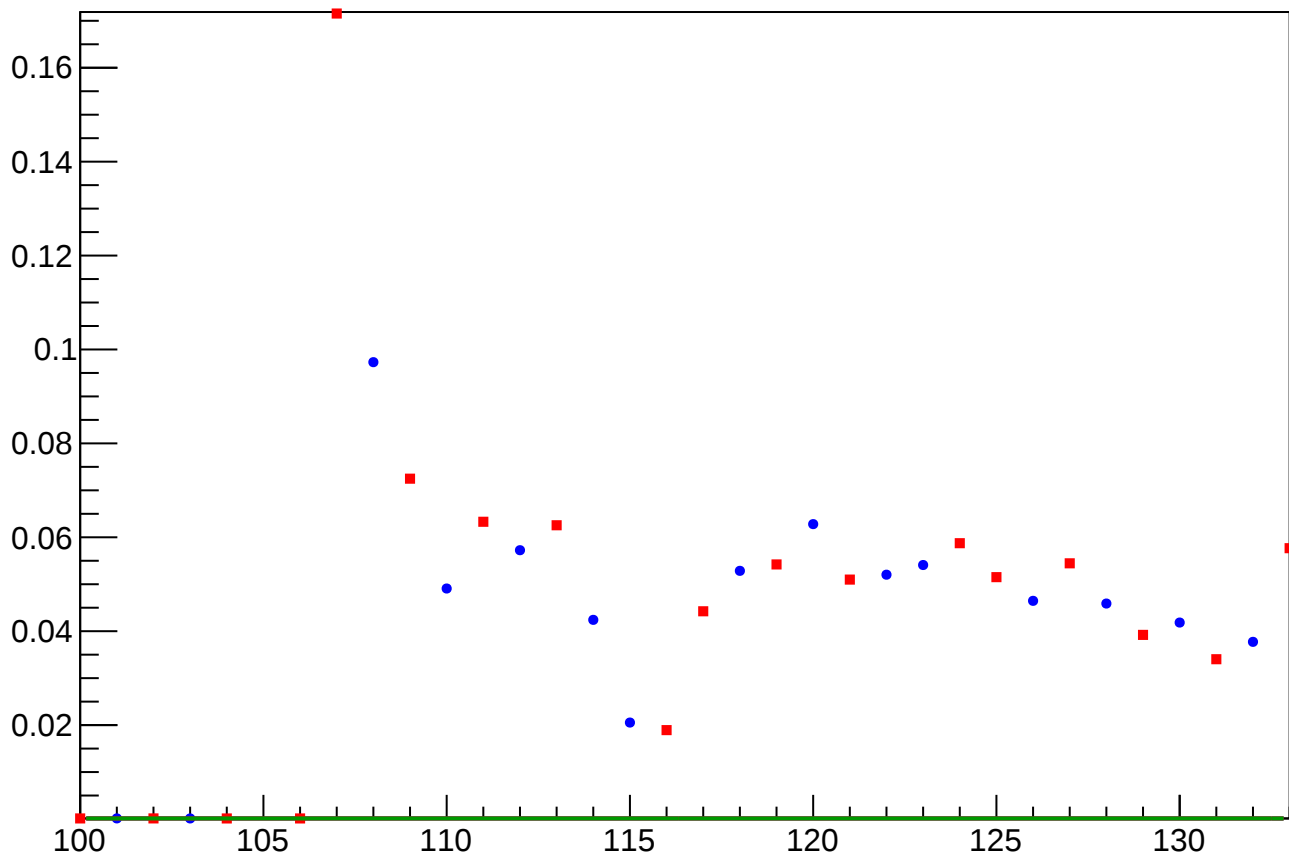
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 98001152794.4/14

6.155 $\pm$ 0.000 χ^2 /NDF: 77603568973646

5.827 $\pm$ 0.000 χ^2 /NDF: 755932992759489.6/17

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 : 8423360.9/17

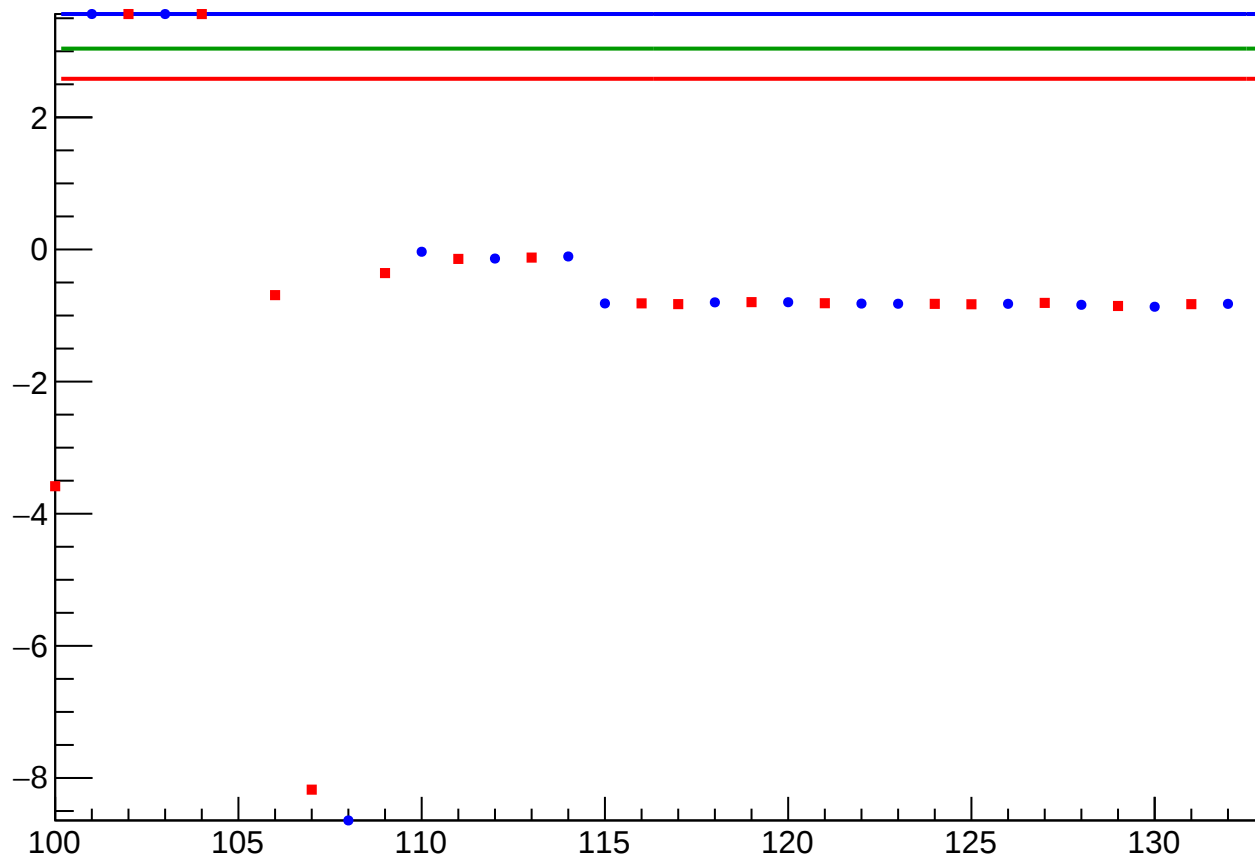
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7565033.0/14

0.000+/-0.000 χ^2/NDF : 15988609.9/32

0.000+/-0.000 χ^2/NDF : 8423360.9/17

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: 2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

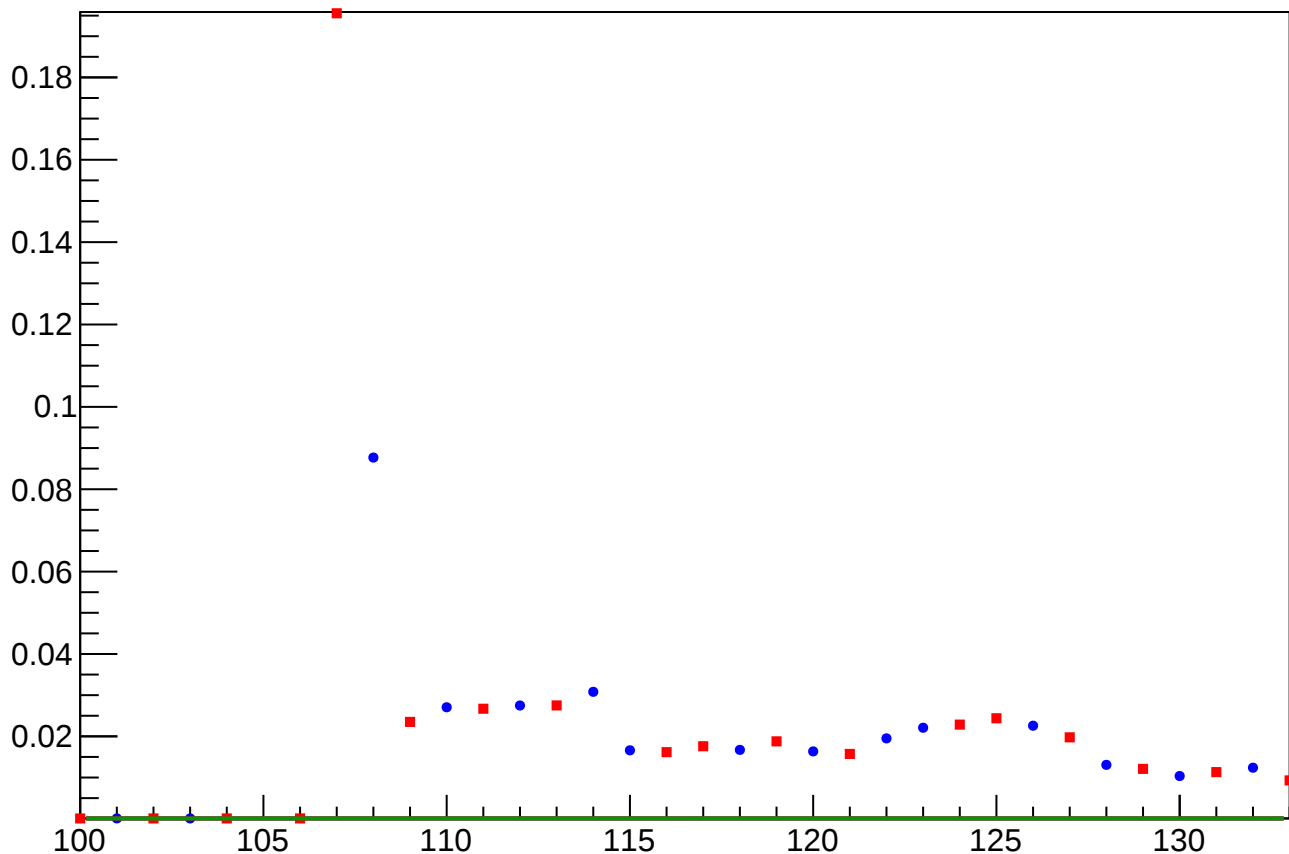
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 303145430635.7/14

3.040+/-0.000 χ^2/NDF : 13820325581335

2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

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 : 8866504.1/17

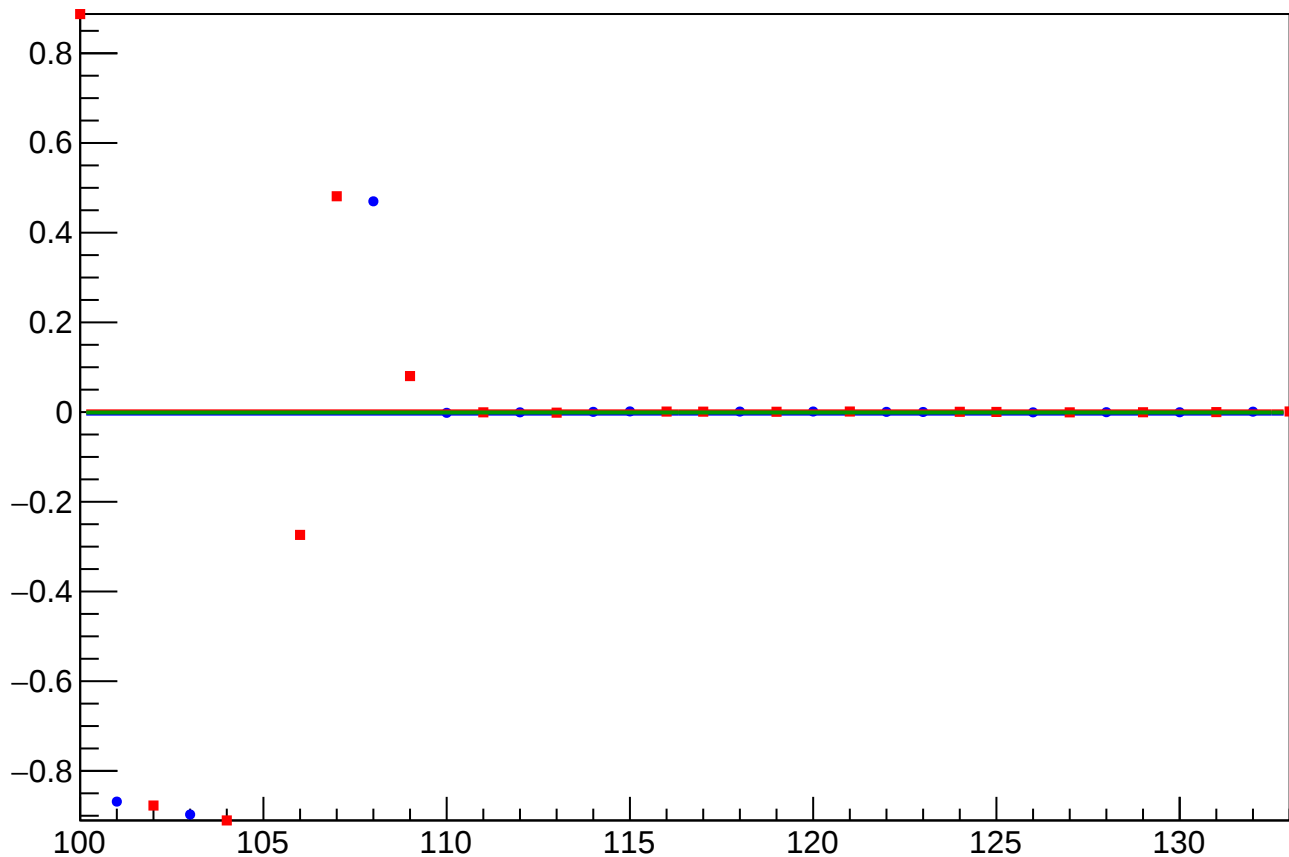
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8168465.6/14

0.000+/-0.000 χ^2/NDF : 17035167.5/32

0.000+/-0.000 χ^2/NDF : 8866504.1/17

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 : 3040514278.8/17

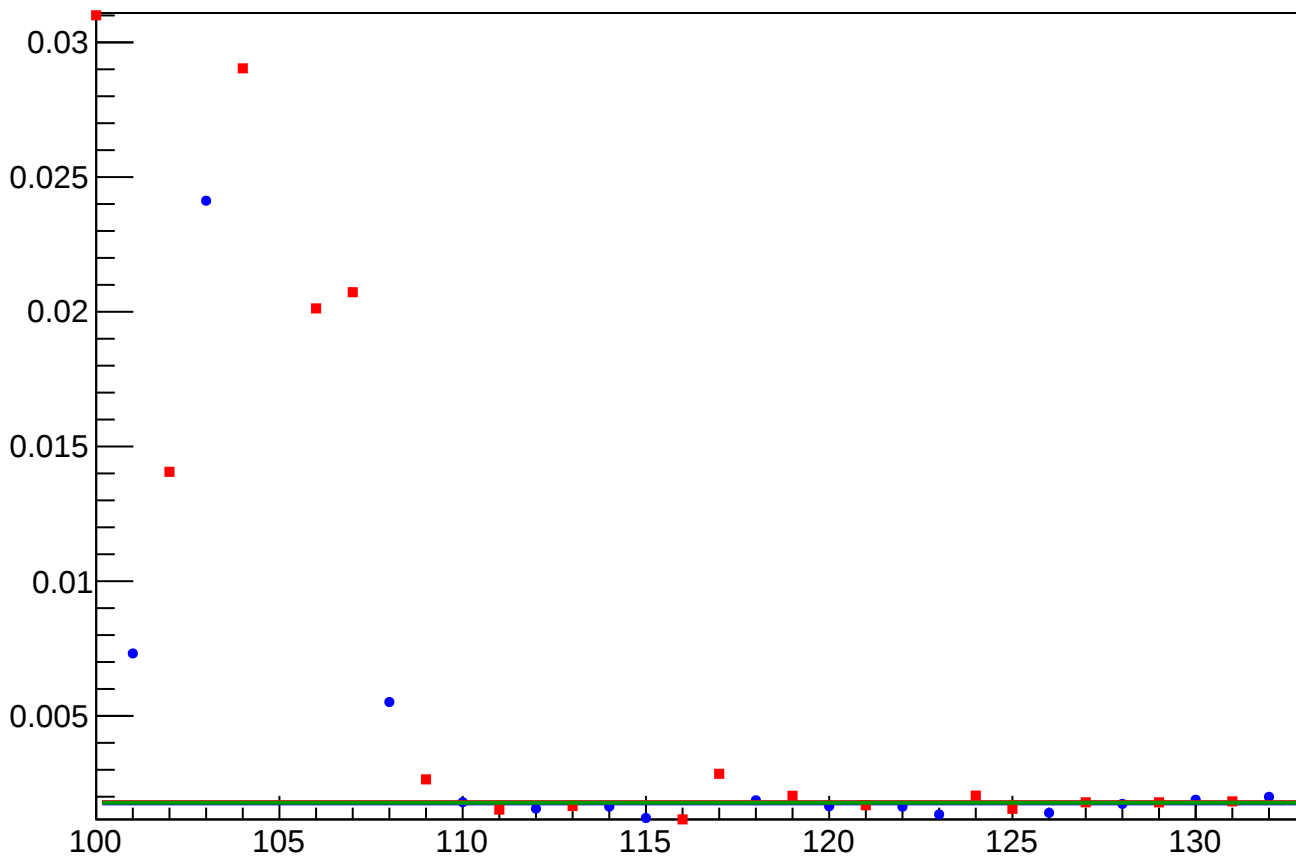
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.000 χ^2/NDF : 9789055442.1/14

-0.001+/-0.000 χ^2/NDF : 12845448516.8/17

0.002+/-0.000 χ^2/NDF : 3040514278.8/17

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 : 2922822.4/17

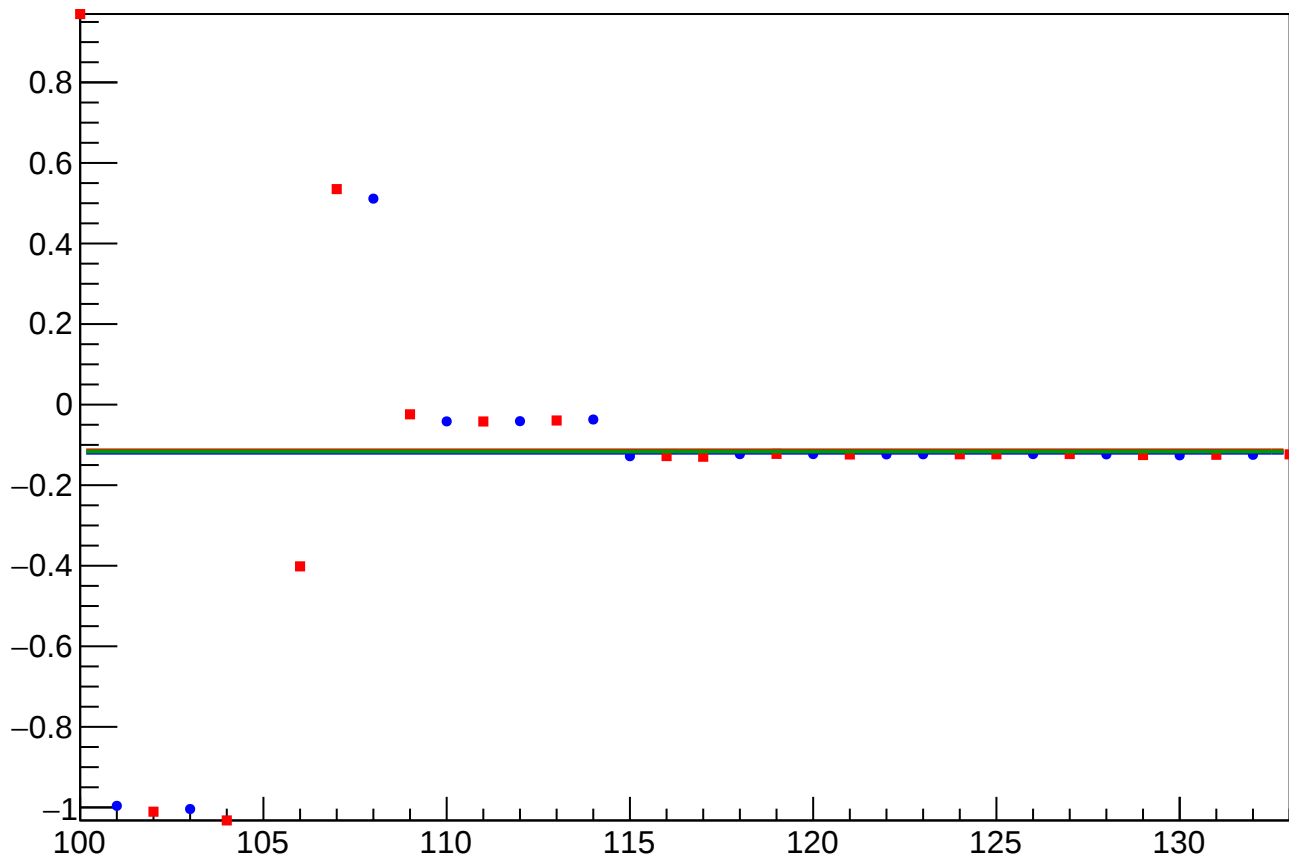
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1766872.2/14

0.002+/-0.000 χ^2/NDF : 4692468.8/32

0.002+/-0.000 χ^2/NDF : 2922822.4/17

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: -0.114+/-0.000 χ^2/NDF : 2431711227.5/17

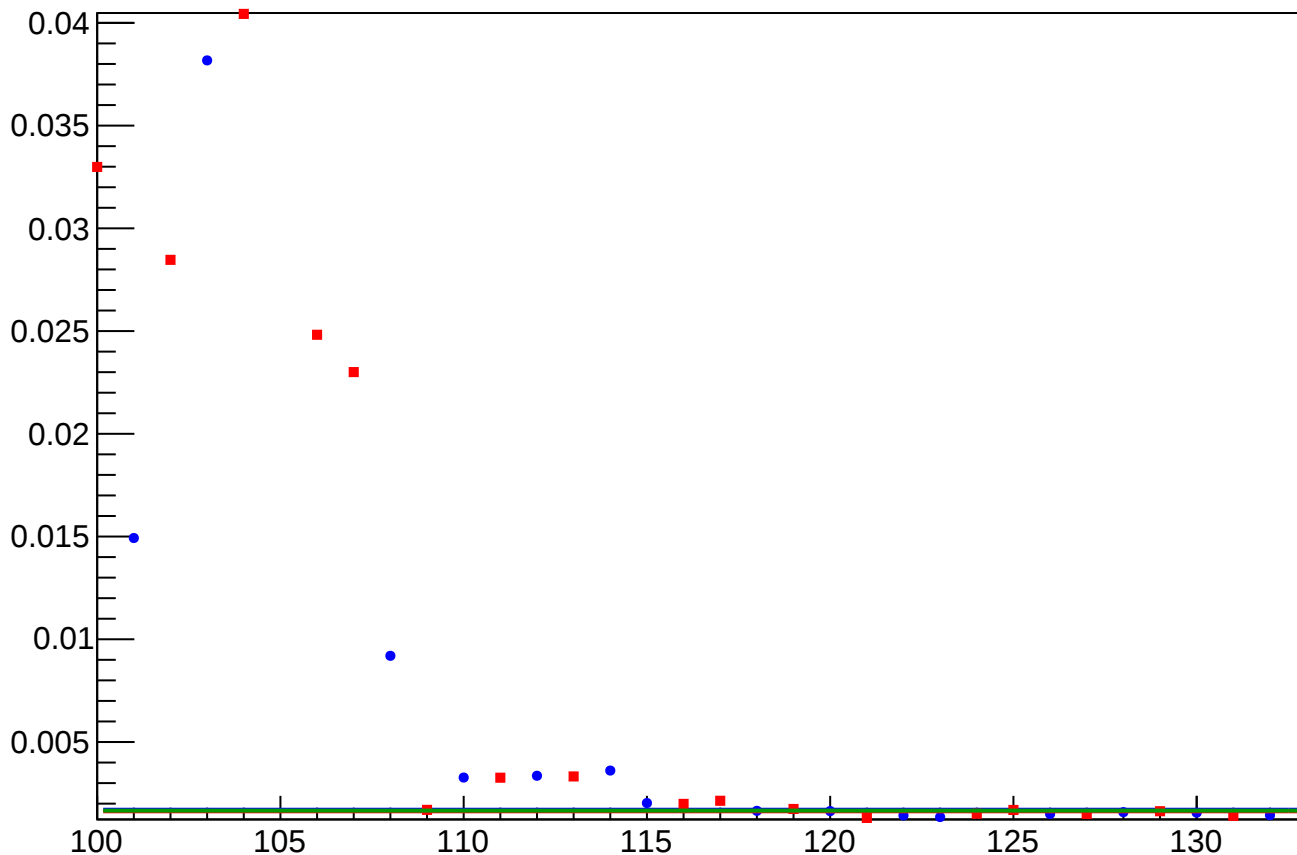
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.119+/-0.000 χ^2/NDF : 3926411424.9/14

-0.116+/-0.000 χ^2/NDF : 6379998920.1/3

-0.114+/-0.000 χ^2/NDF : 2431711227.5/17

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 : 3431470.8/17

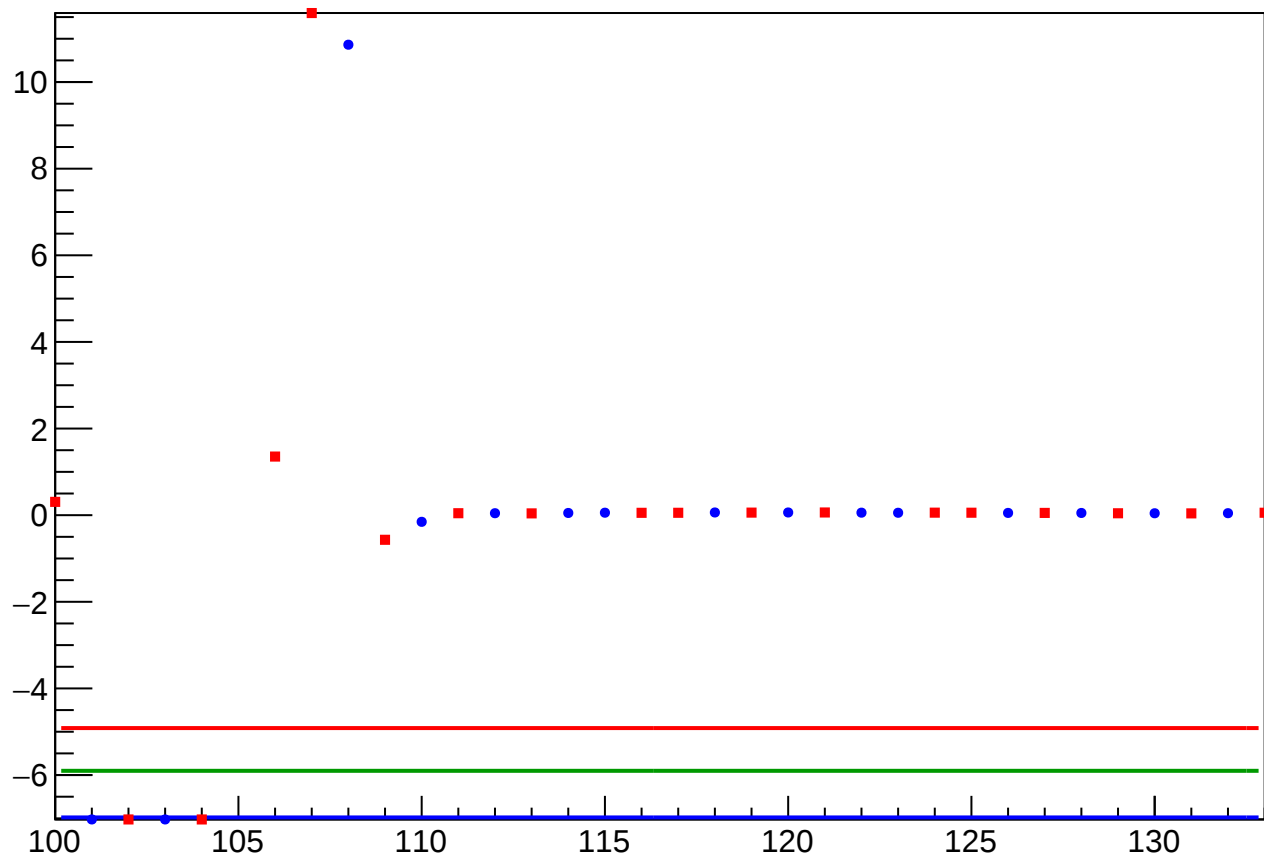
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2707338.0/14

0.002+/-0.000 χ^2/NDF : 6147205.9/32

0.002+/-0.000 χ^2/NDF : 3431470.8/17

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: -4.915+/-0.000 χ^2/NDF : 365128942058203.9/17

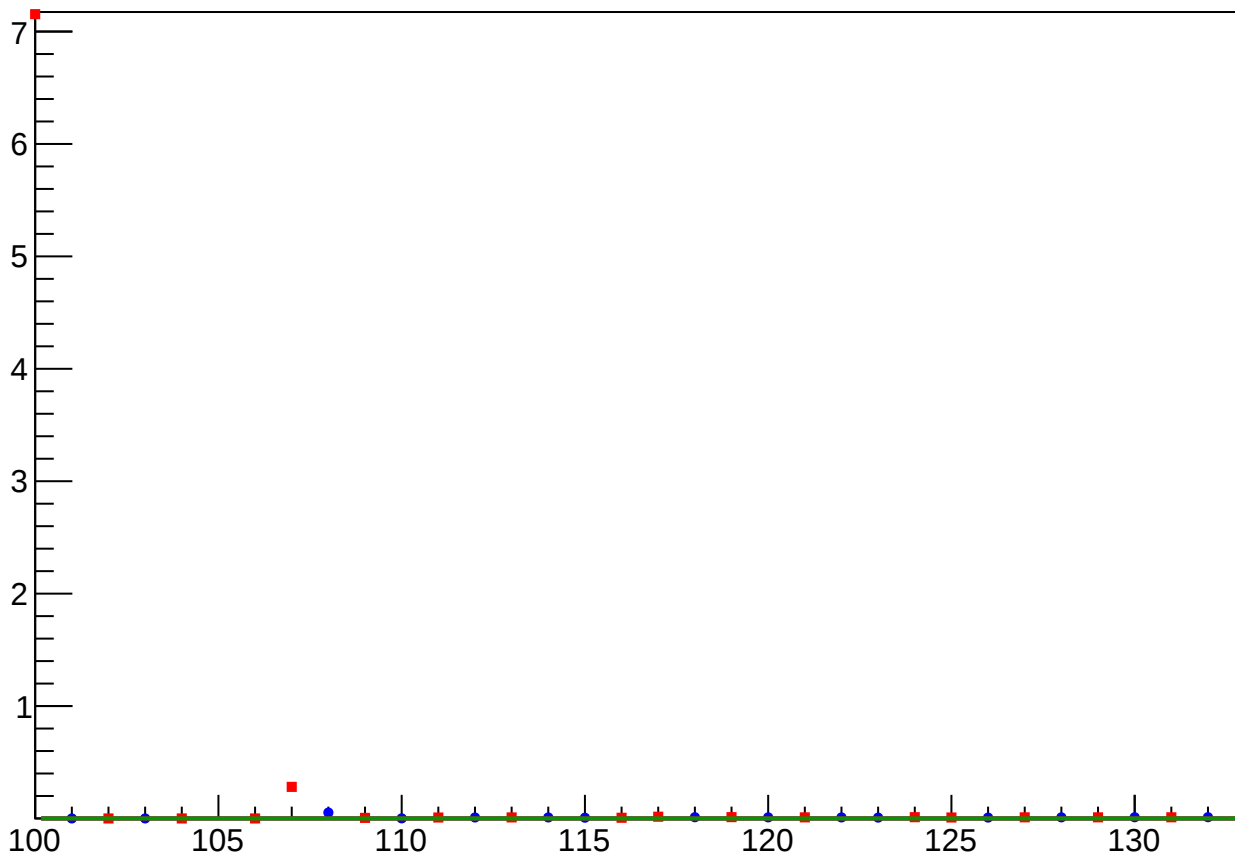
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.979+/-0.000 χ^2/NDF : 8111834933355.4/14

-5.902+/-0.000 χ^2/NDF : 42952044453973

-4.915+/-0.000 χ^2/NDF : 365128942058203.9/17

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 : 7833167.3/17

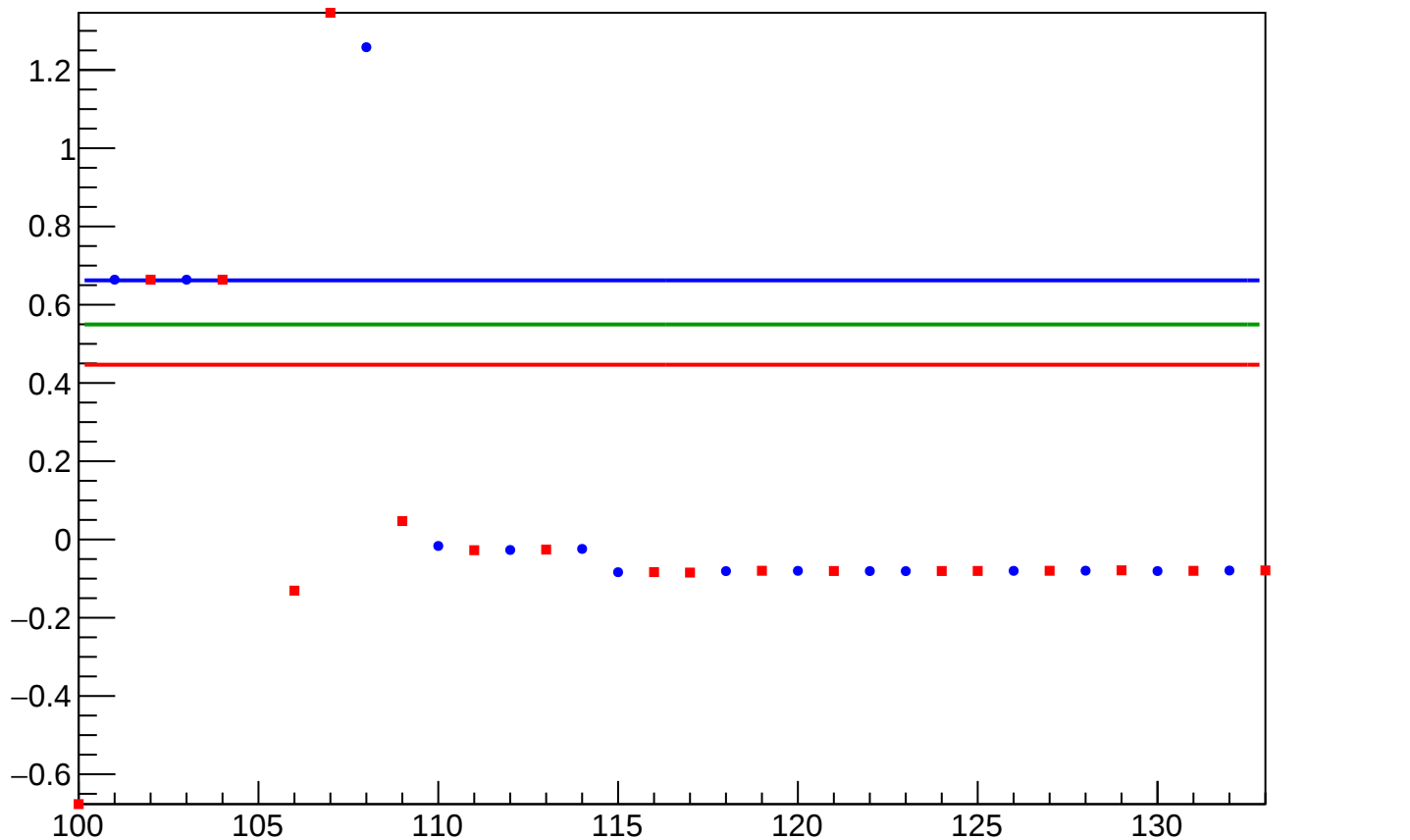
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6815592.5/14

0.000+/-0.000 χ^2/NDF : 14648863.3/32

0.000+/-0.000 χ^2/NDF : 7833167.3/17

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.662+/-0.000 χ^2/NDF : 3438315967656.2/14

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

Right Out: 0.447+/-0.000 χ^2/NDF : 404755300374465.2/17

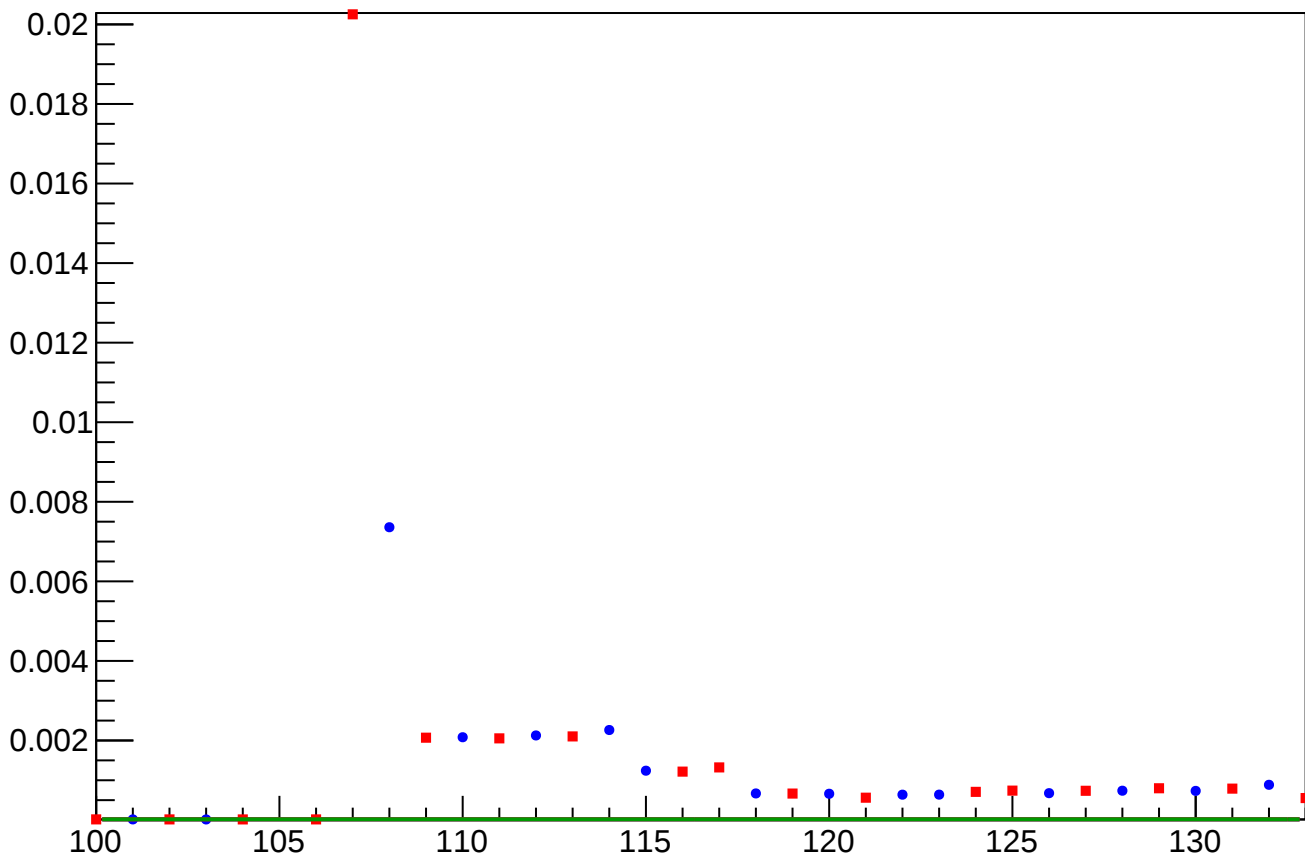
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.662+/-0.000 χ^2/NDF : 3438315967656.2/14

0.550+/-0.000 χ^2/NDF : 47144175241478

0.447+/-0.000 χ^2/NDF : 404755300374465.2/17

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 : 8418784.1/17

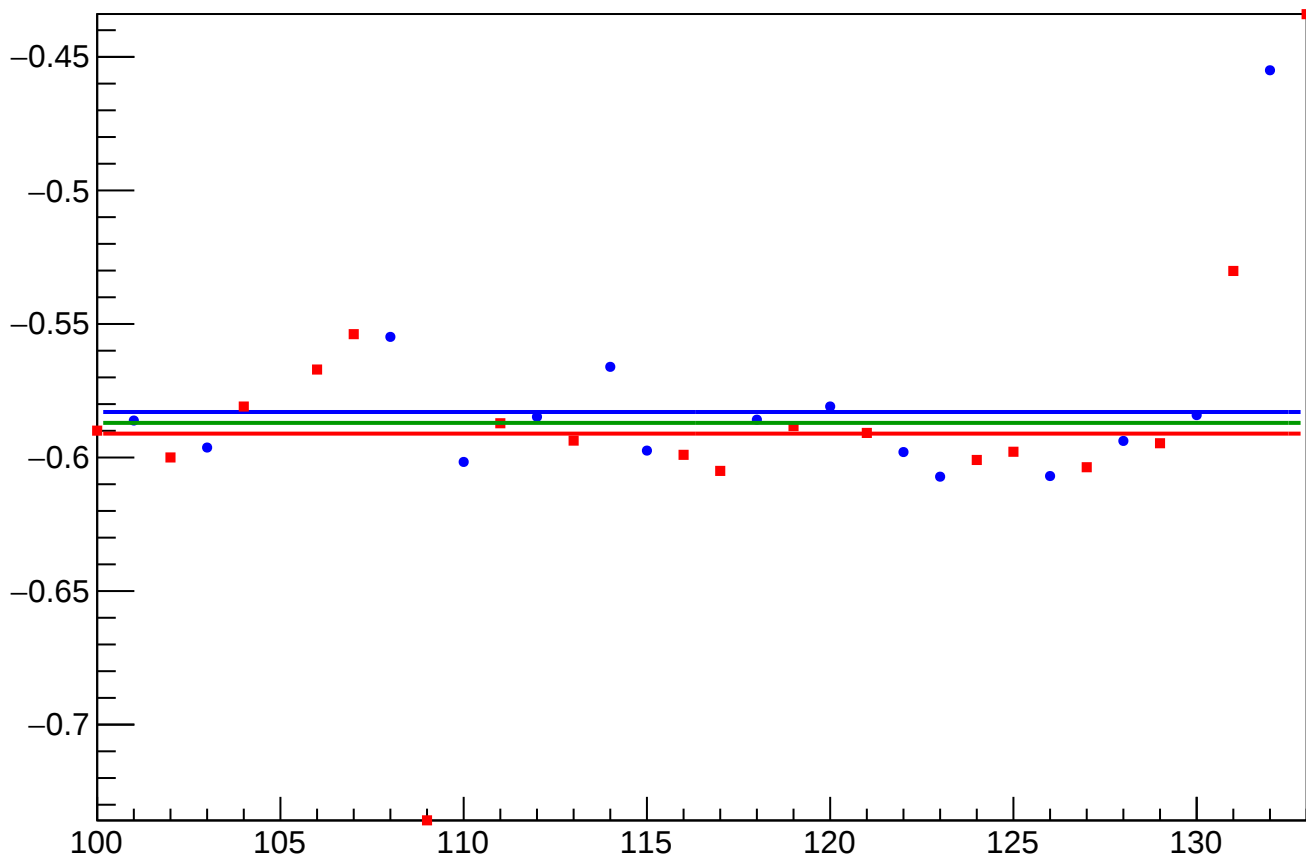
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8231031.6/14

0.000+/-0.000 χ^2/NDF : 16649969.2/32

0.000+/-0.000 χ^2/NDF : 8418784.1/17

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: -0.591+/-0.000 χ^2/NDF : 21329905.9/17

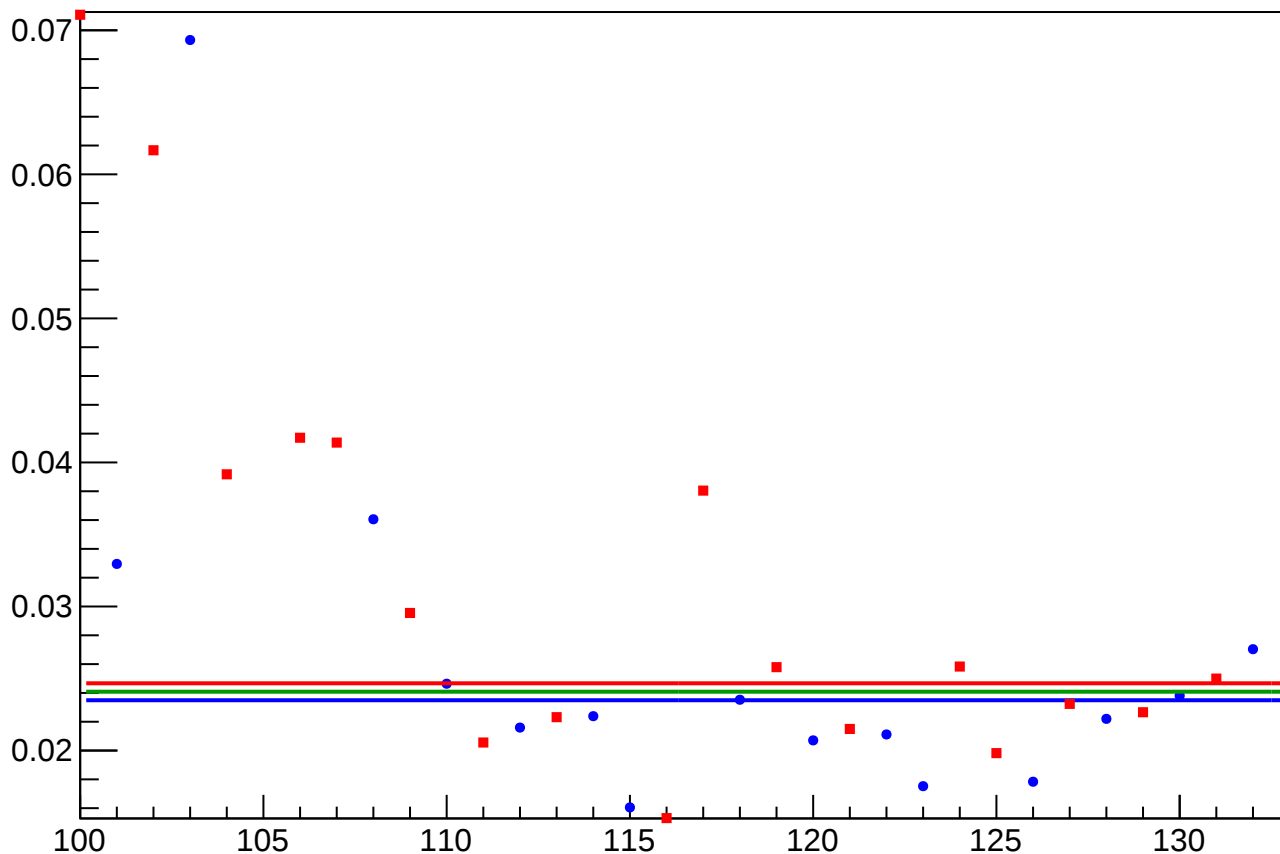
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.583+/-0.000 χ^2/NDF : 8521334.1/14

-0.587+/-0.000 χ^2/NDF : 30113405.0/32

-0.591+/-0.000 χ^2/NDF : 21329905.9/17

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: 0.025+/-0.000 χ^2/NDF : 994449.4/17

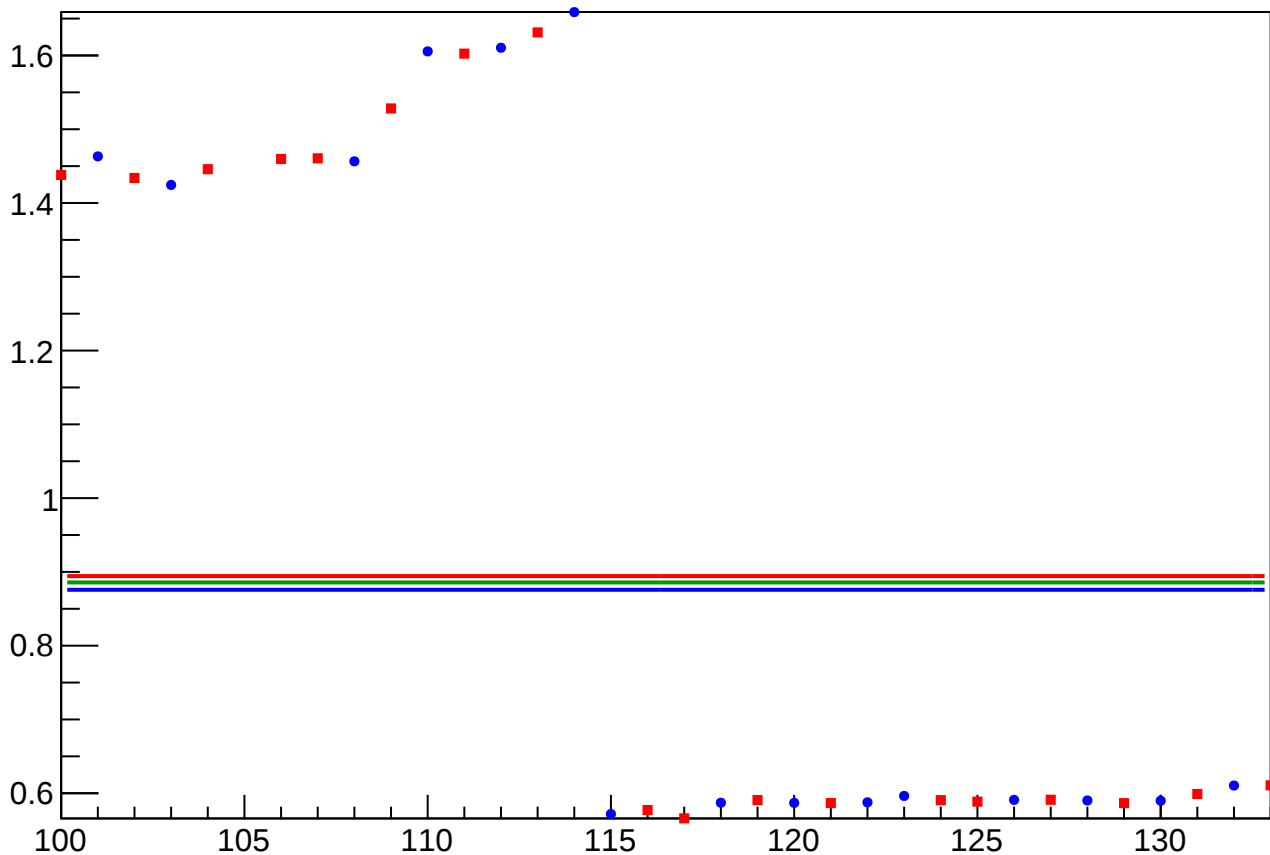
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 792856.8/14

0.024+/-0.000 χ^2/NDF : 1798385.3/32

0.025+/-0.000 χ^2/NDF : 994449.4/17

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: 0.894+/-0.000 χ^2/NDF : 3798826320.9/17

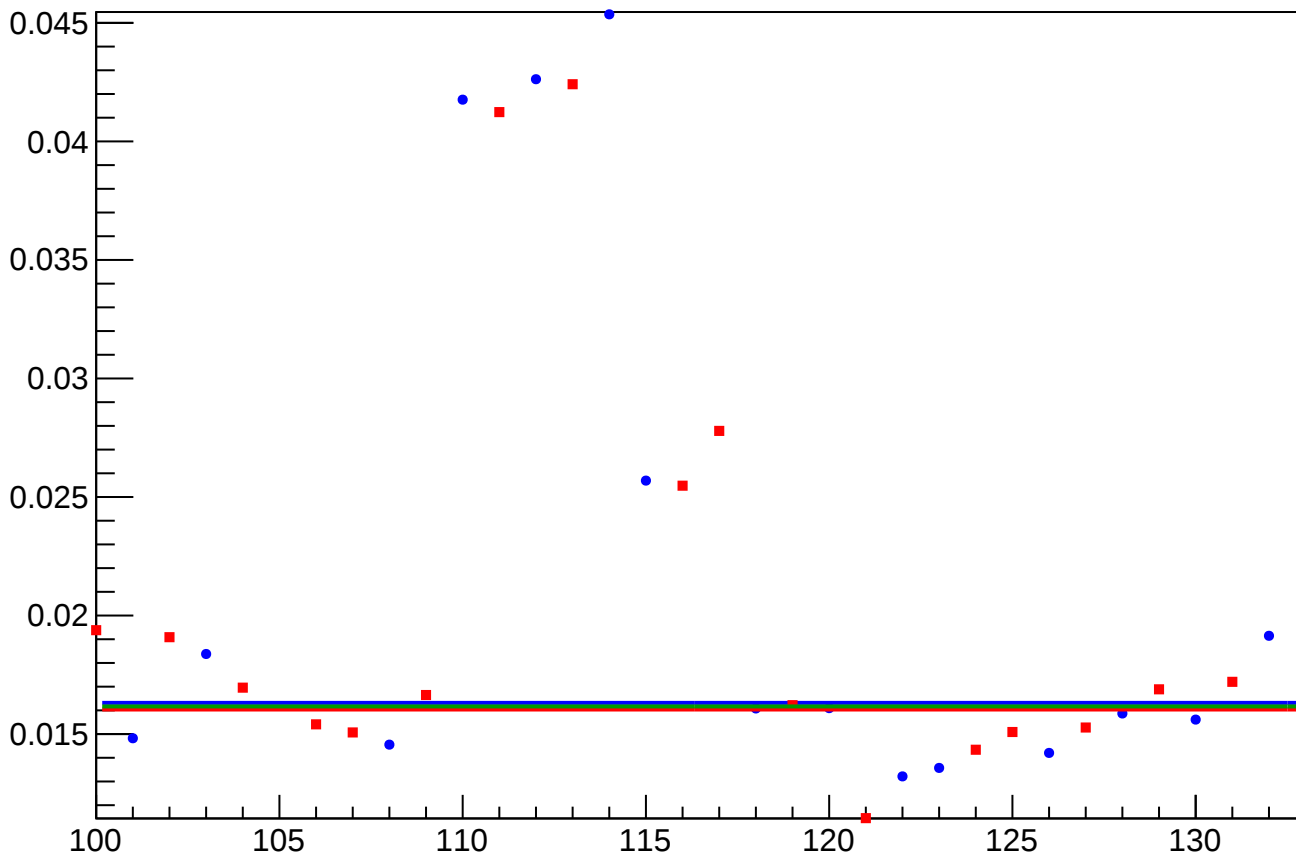
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.876+/-0.000 χ^2/NDF : 3160376378.2/14

0.886+/-0.000 χ^2/NDF : 6962663935.1/32

0.894+/-0.000 χ^2/NDF : 3798826320.9/17

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 : 934393.5/17

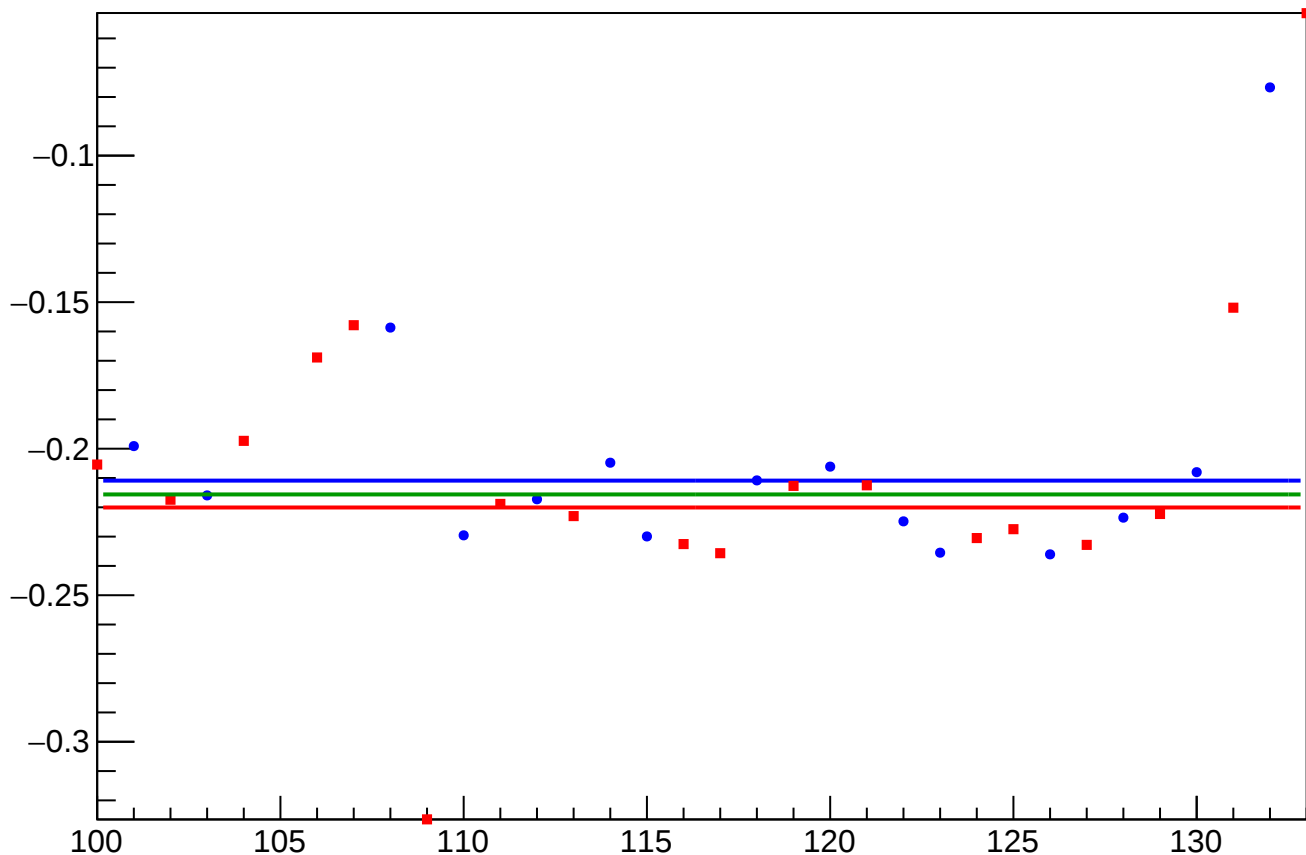
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 817094.5/14

0.016+/-0.000 χ^2/NDF : 1753066.7/32

0.016+/-0.000 χ^2/NDF : 934393.5/17

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: -0.220 ± 0.000 χ^2/NDF : 26411059.1/17

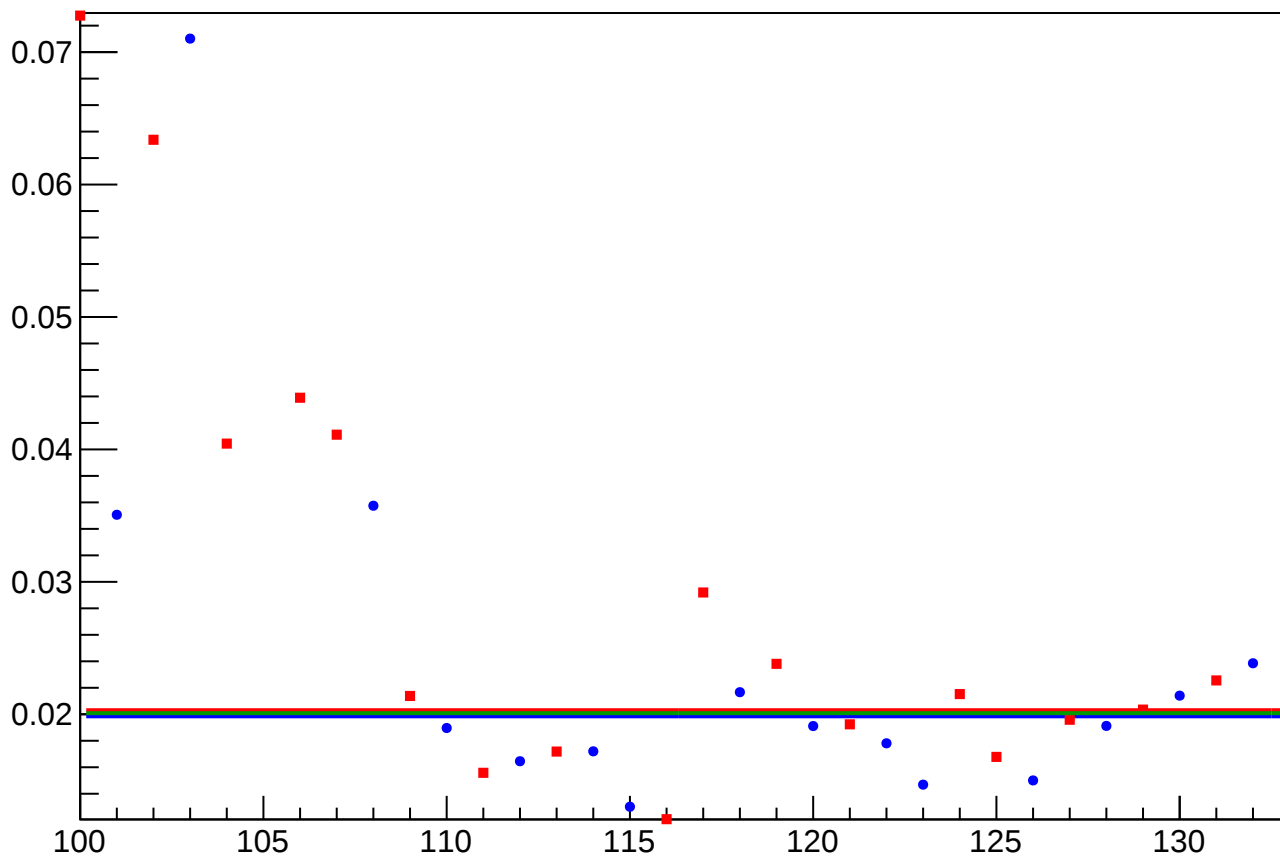
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.211 ± 0.000 χ^2/NDF : 12834040.0/14

-0.216 ± 0.000 χ^2/NDF : 39711606.0/32

-0.220 ± 0.000 χ^2/NDF : 26411059.1/17

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 : 1402521.1/17

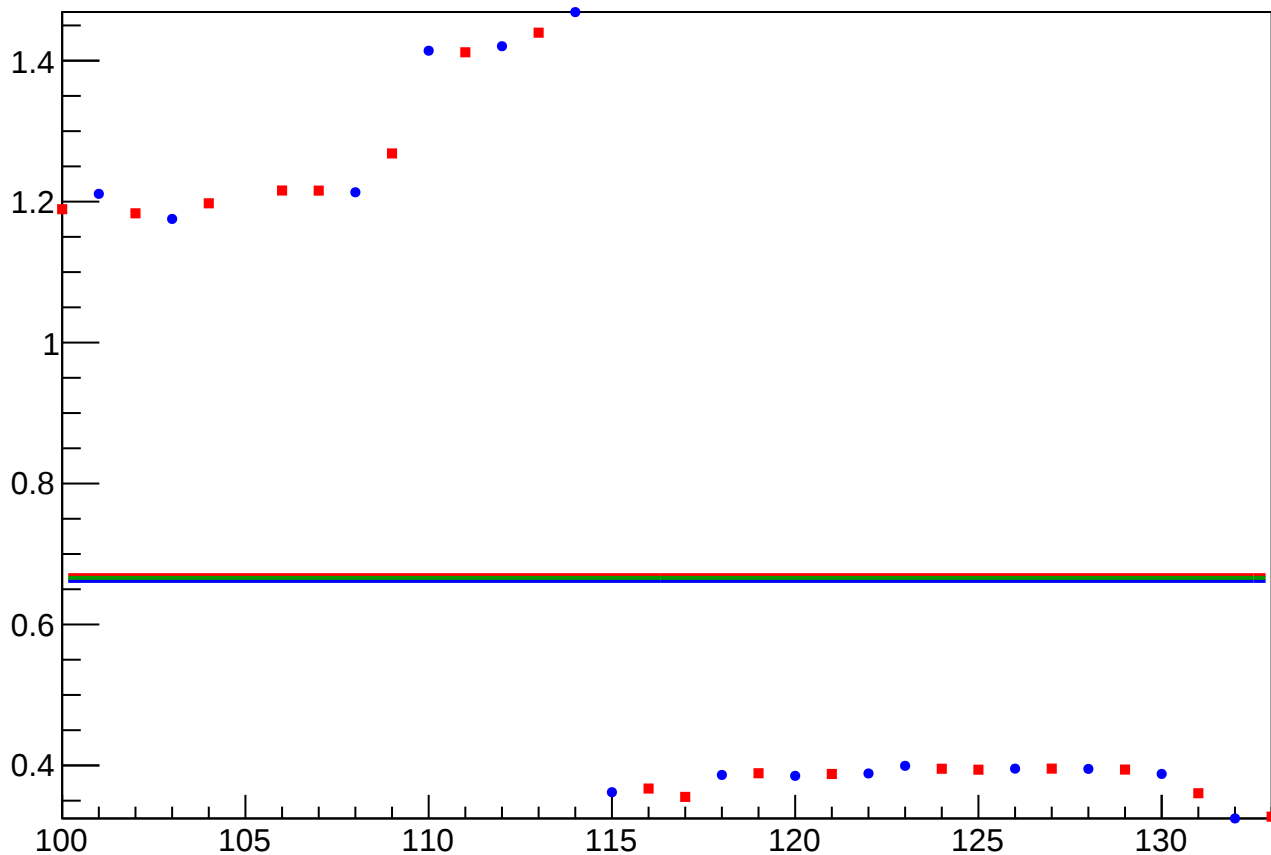
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1092330.8/14

0.020+/-0.000 χ^2/NDF : 2497186.0/32

0.020+/-0.000 χ^2/NDF : 1402521.1/17

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: 0.670 $\pm$ 0.000 χ^2 /NDF: 4880277411.2/17

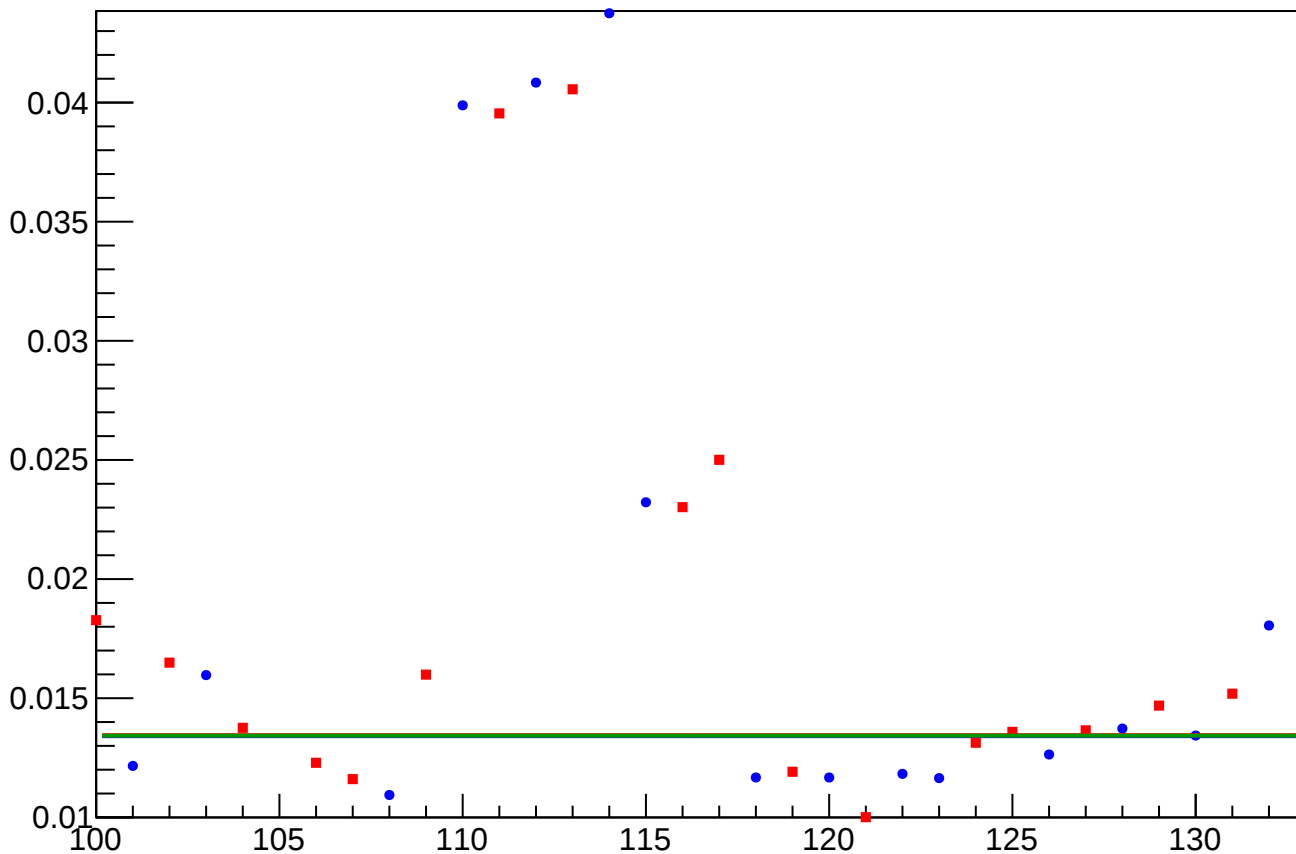
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.662 $\pm$ 0.000 χ^2 /NDF: 4169444159.2/14

0.666 $\pm$ 0.000 χ^2 /NDF: 9050668367.4/32

0.670 $\pm$ 0.000 χ^2 /NDF: 4880277411.2/17

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: 0.013+/-0.000 χ^2/NDF : 1101617.4/17

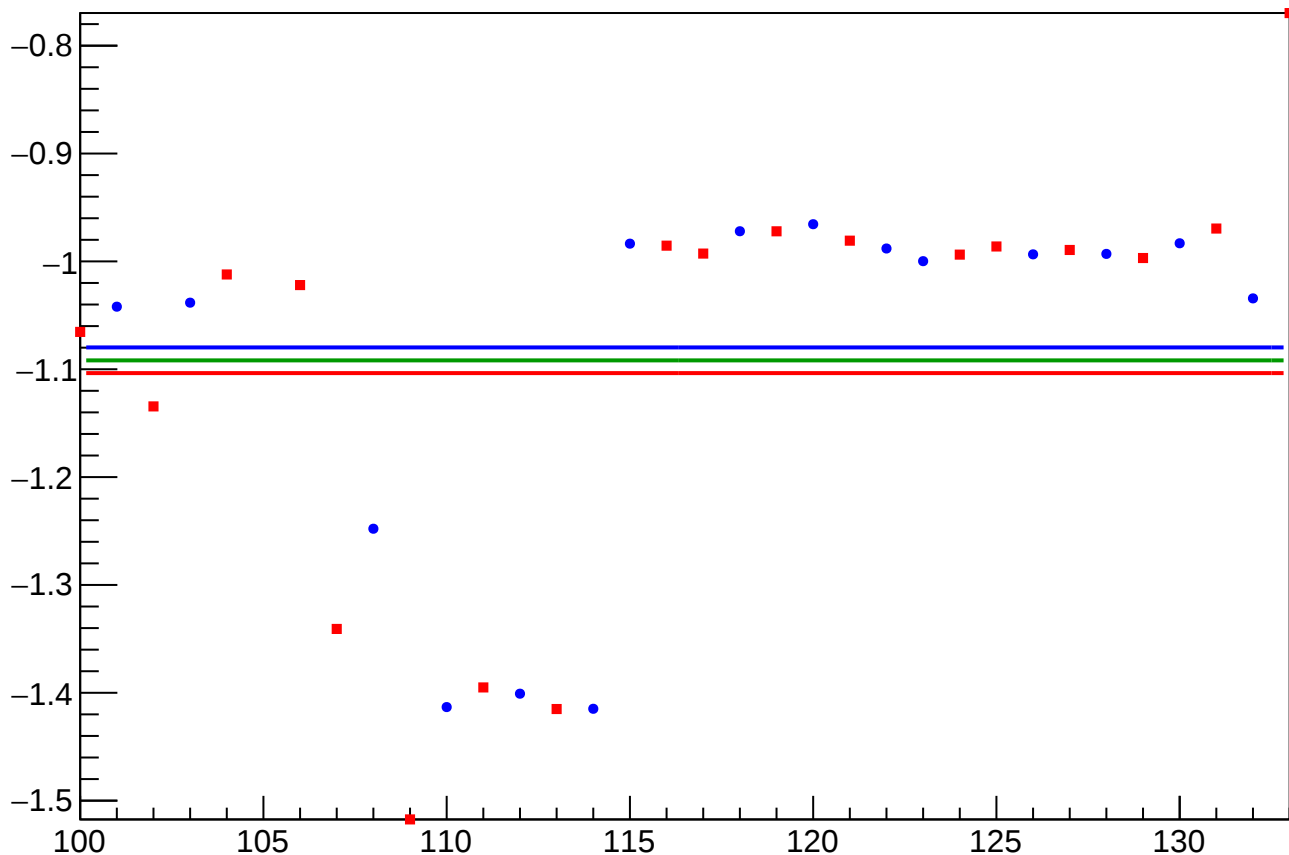
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1005500.5/14

0.013+/-0.000 χ^2/NDF : 2107161.7/32

0.013+/-0.000 χ^2/NDF : 1101617.4/17

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: -1.104+/-0.000 χ^2/NDF : 365225342.4/17

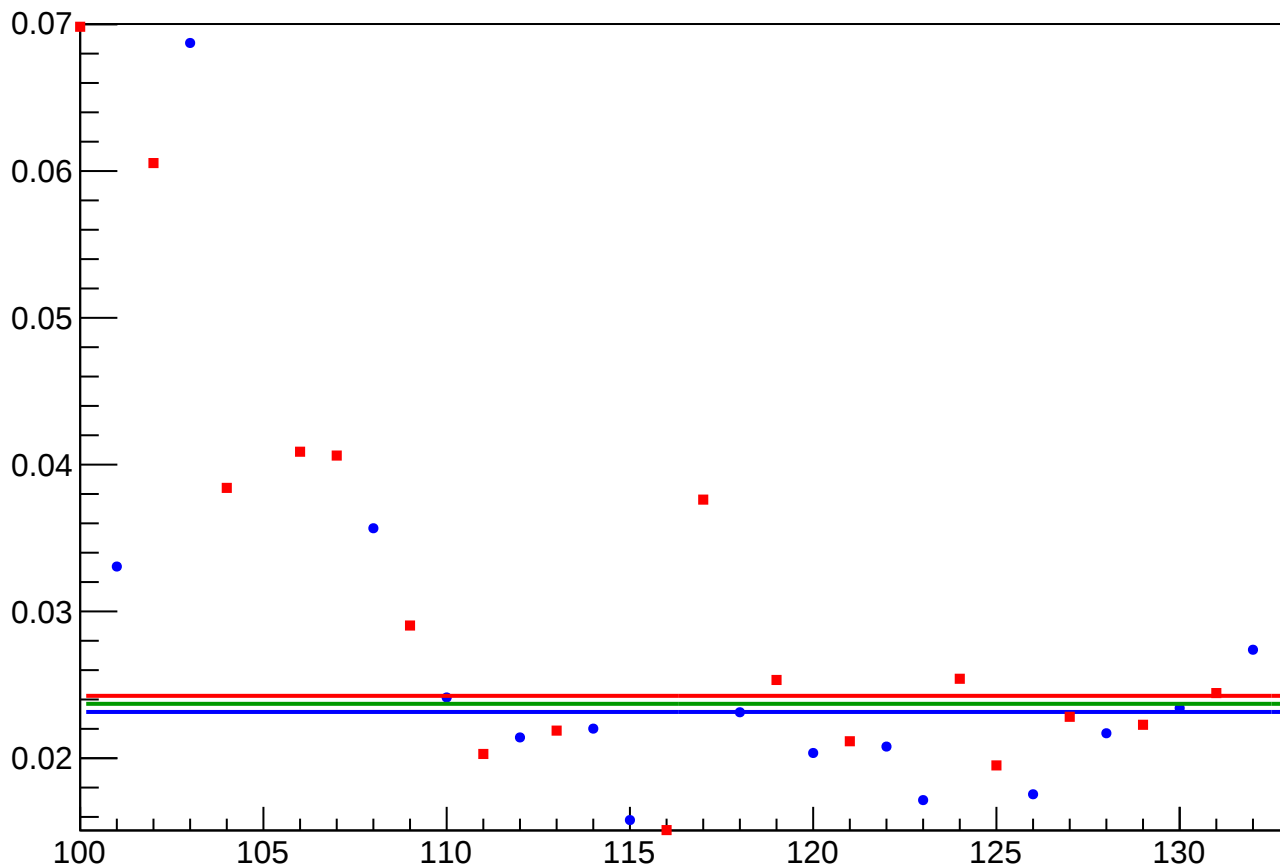
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.080+/-0.000 χ^2/NDF : 226697046.8/14

-1.092+/-0.000 χ^2/NDF : 594257758.0/32

-1.104+/-0.000 χ^2/NDF : 365225342.4/17

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 : 985486.1/17

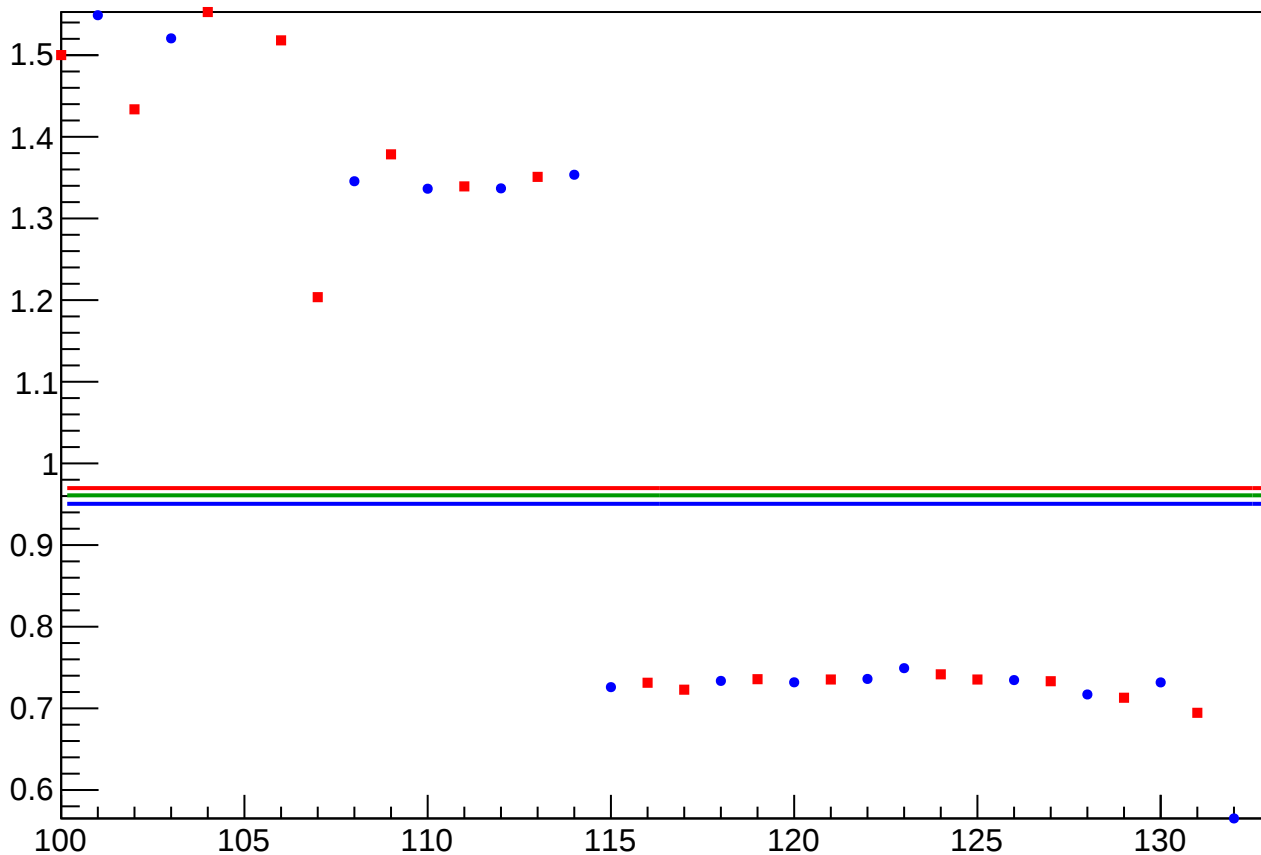
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 808974.1/14

0.024+/-0.000 χ^2/NDF : 1804401.0/32

0.024+/-0.000 χ^2/NDF : 985486.1/17

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: 0.970+/-0.000 χ^2/NDF : 2275499951.8/17

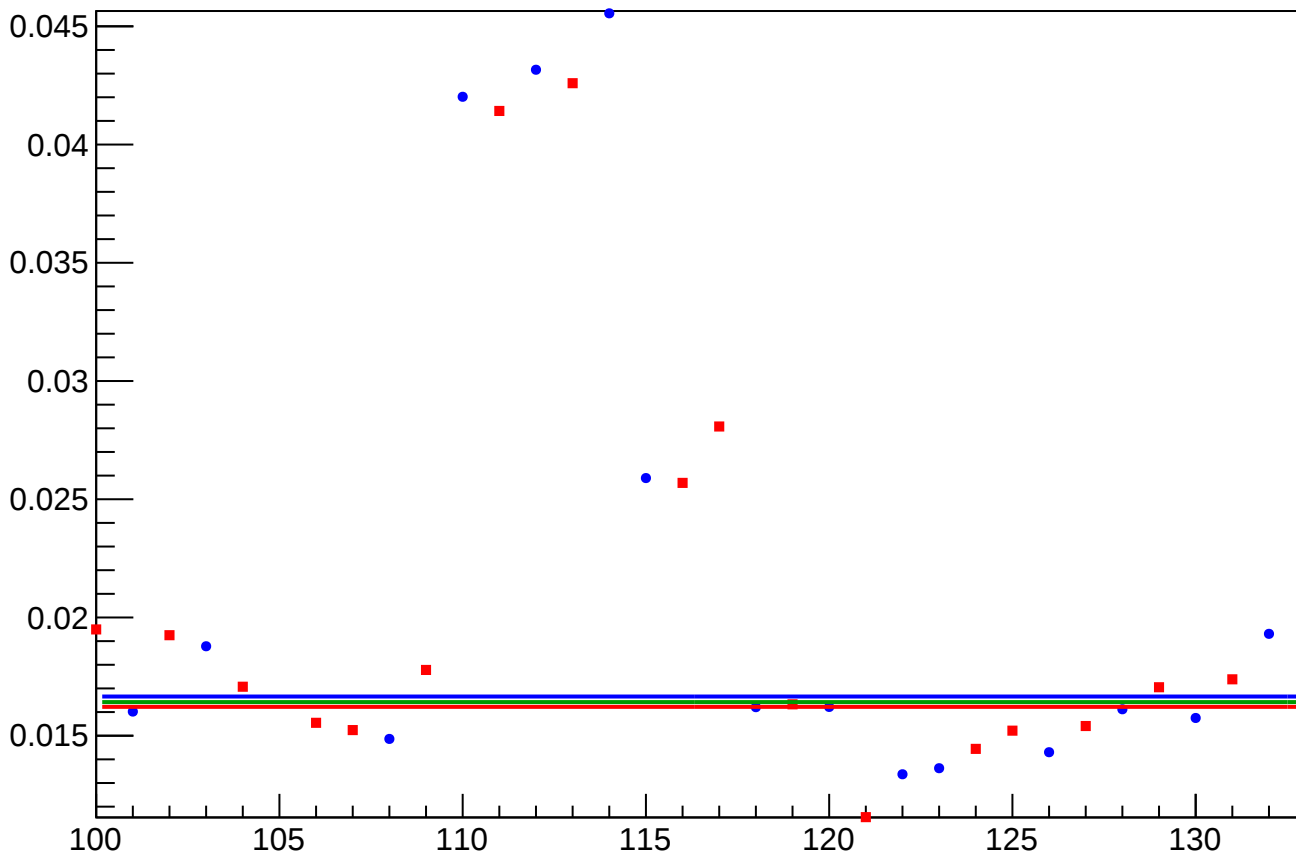
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.951+/-0.000 χ^2/NDF : 2241440885.0/14

0.961+/-0.000 χ^2/NDF : 4520533762.7/32

0.970+/-0.000 χ^2/NDF : 2275499951.8/17

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: 0.016+/-0.000 χ^2/NDF : 935863.2/17

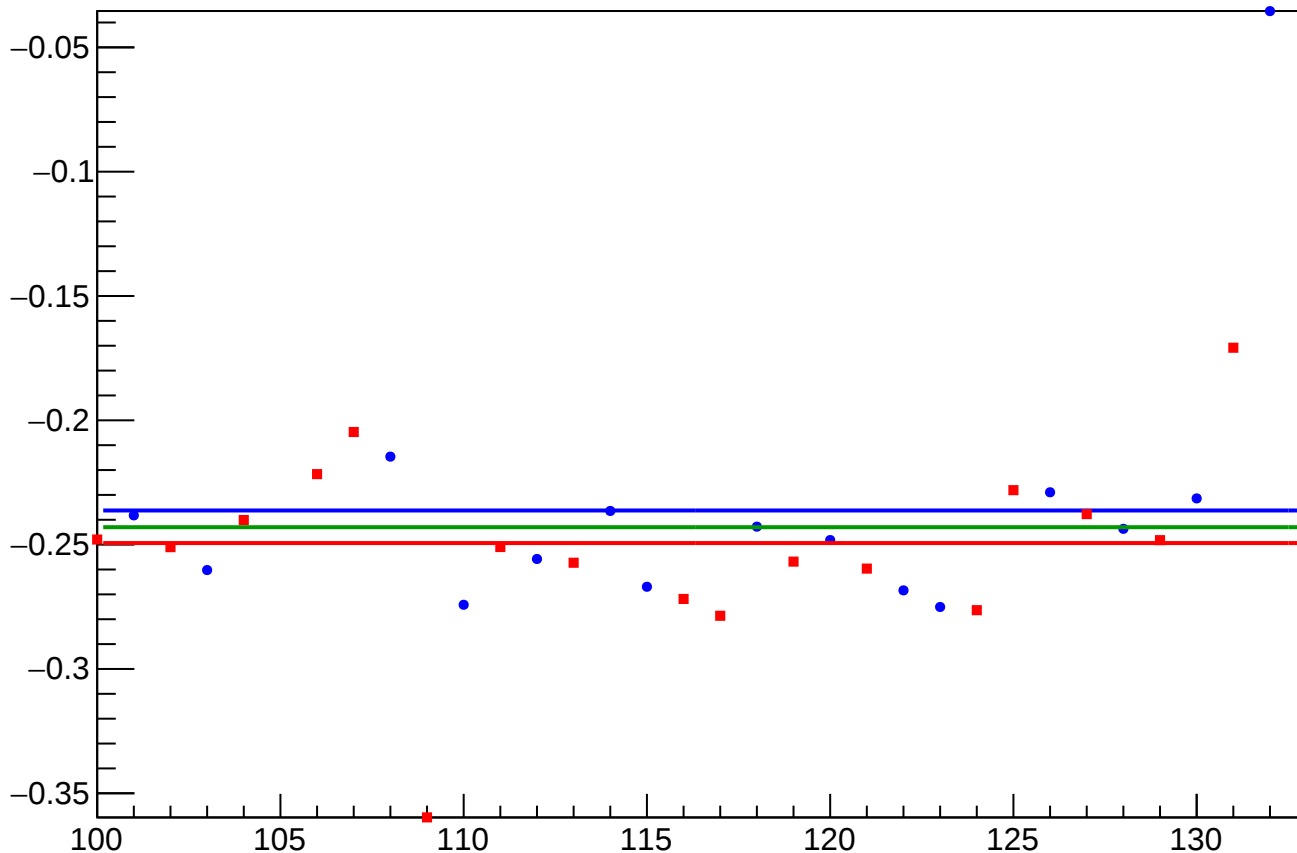
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 805968.4/14

0.016+/-0.000 χ^2/NDF : 1745531.7/32

0.016+/-0.000 χ^2/NDF : 935863.2/17

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: -0.249+/-0.000 χ^2/NDF : 31728187.5/17

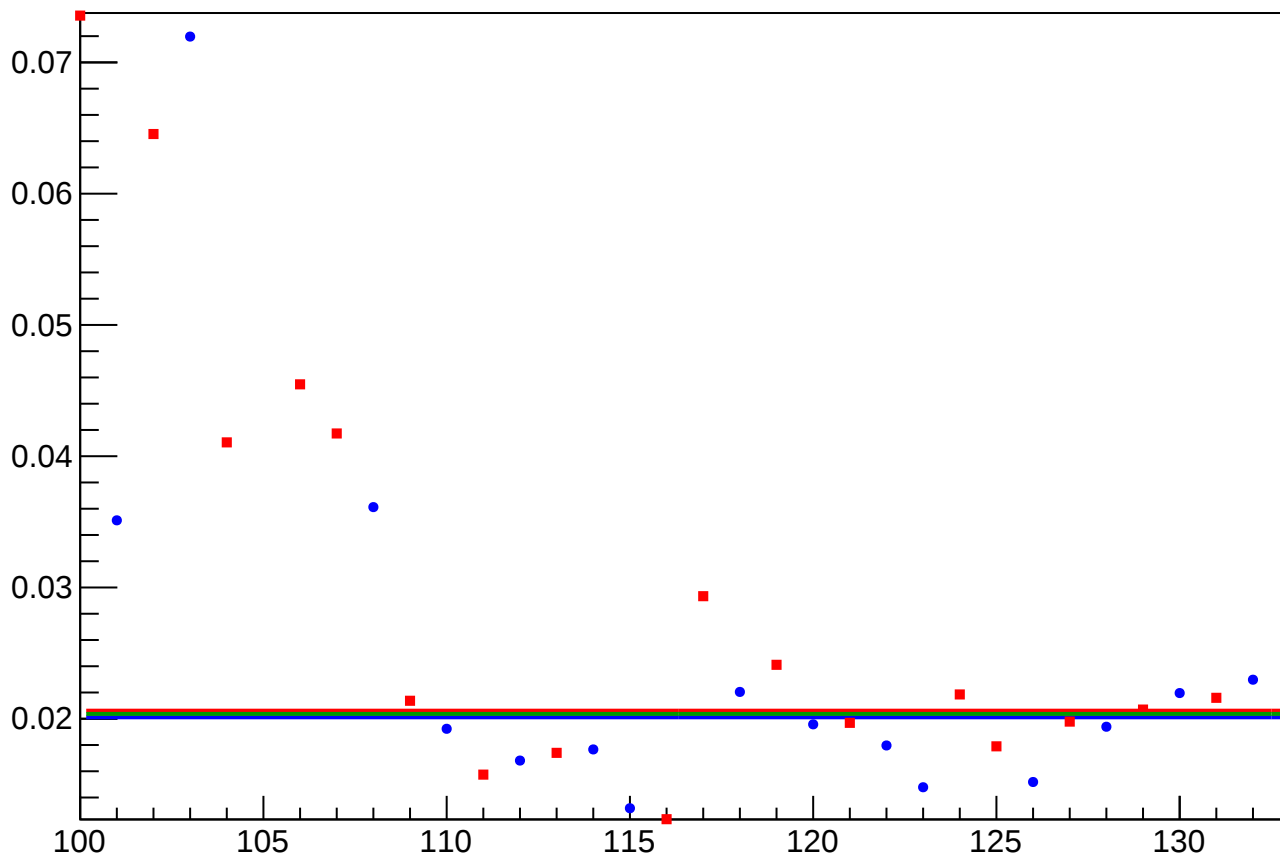
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.236+/-0.000 χ^2/NDF : 28297311.5/14

-0.243+/-0.000 χ^2/NDF : 60952311.8/32

-0.249+/-0.000 χ^2/NDF : 31728187.5/17

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: 0.021+/-0.000 χ^2/NDF : 1390002.0/17

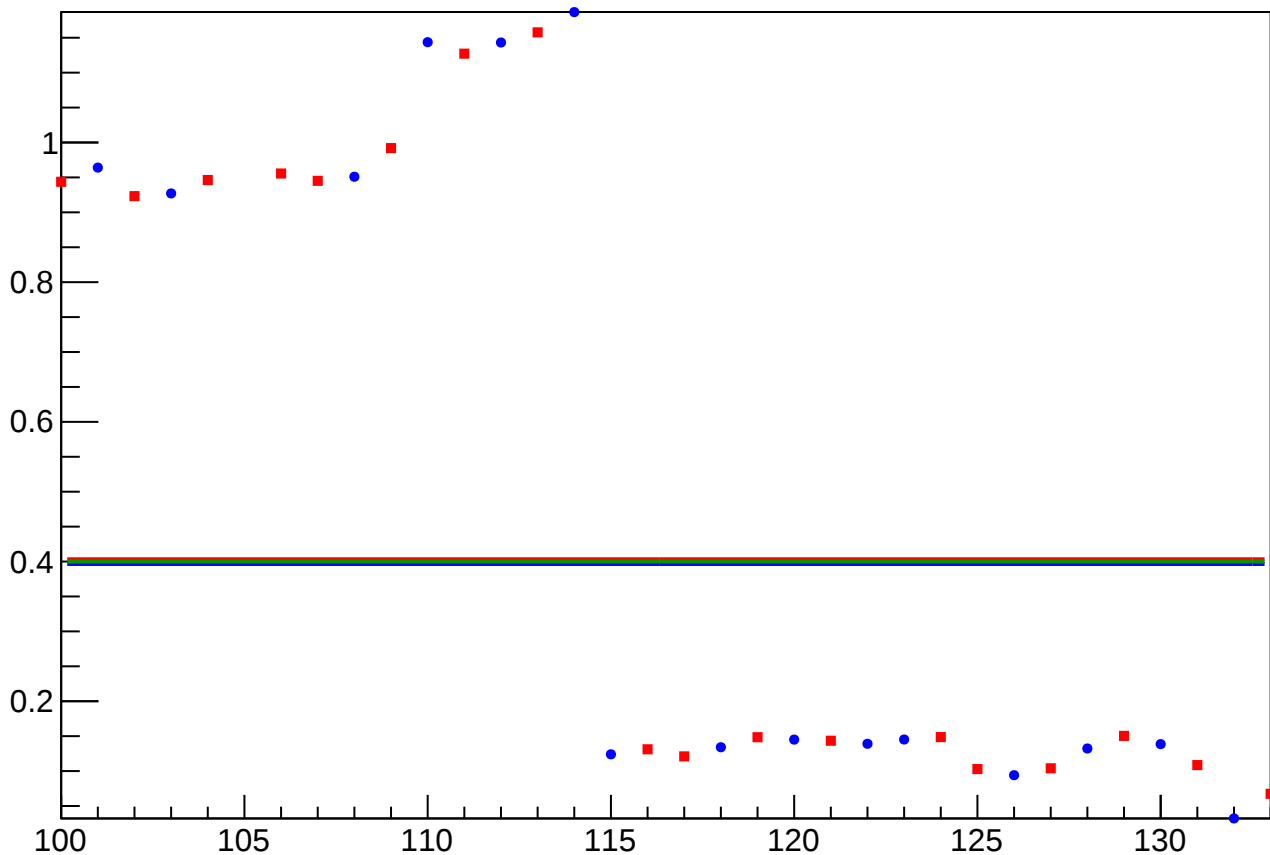
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1073831.4/14

0.020+/-0.000 χ^2/NDF : 2466585.0/32

0.021+/-0.000 χ^2/NDF : 1390002.0/17

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: 0.403+/-0.000 χ^2/NDF : 4808806779.0/17

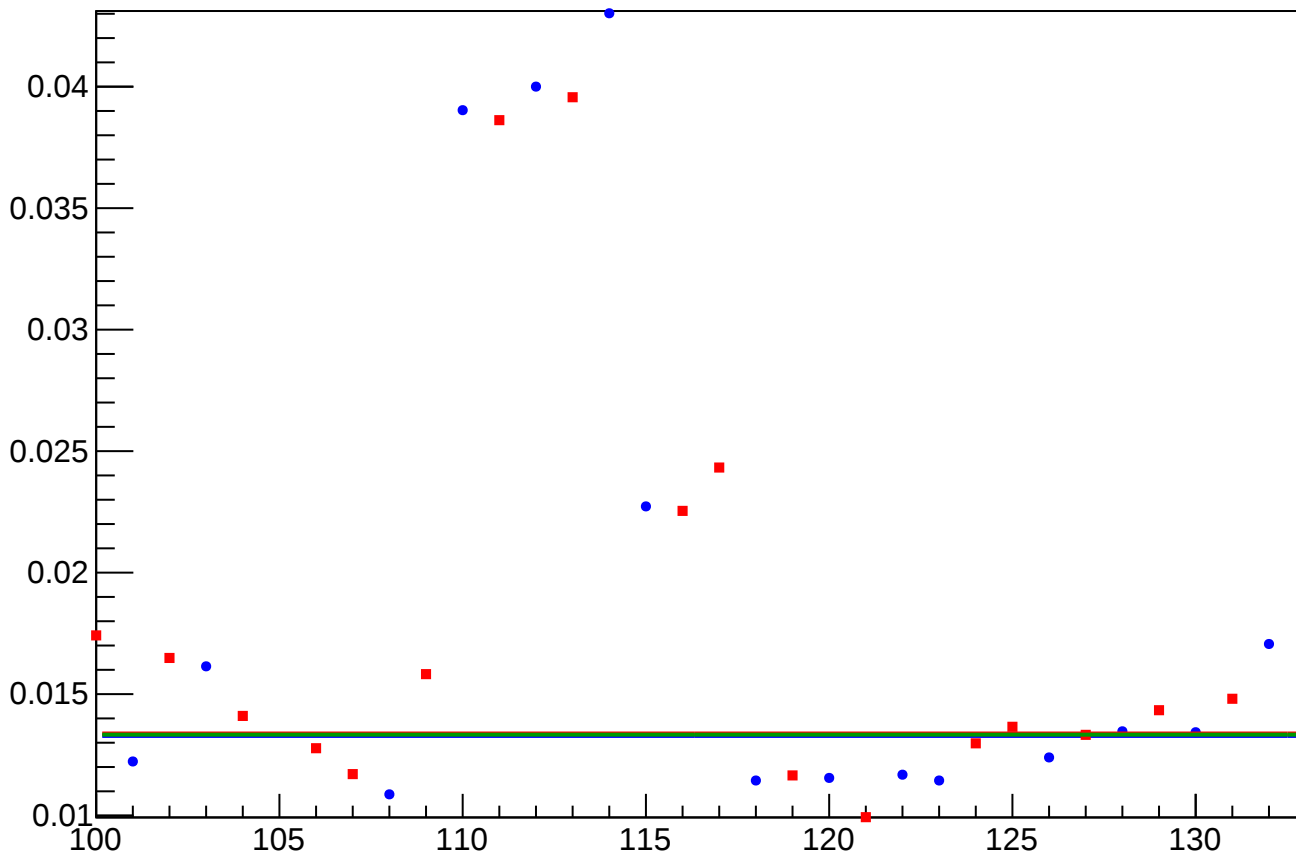
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.397+/-0.000 χ^2/NDF : 4277848162.1/14

0.400+/-0.000 χ^2/NDF : 9087306402.6/32

0.403+/-0.000 χ^2/NDF : 4808806779.0/17

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: 0.013+/-0.000 χ^2/NDF : 1080335.9/17

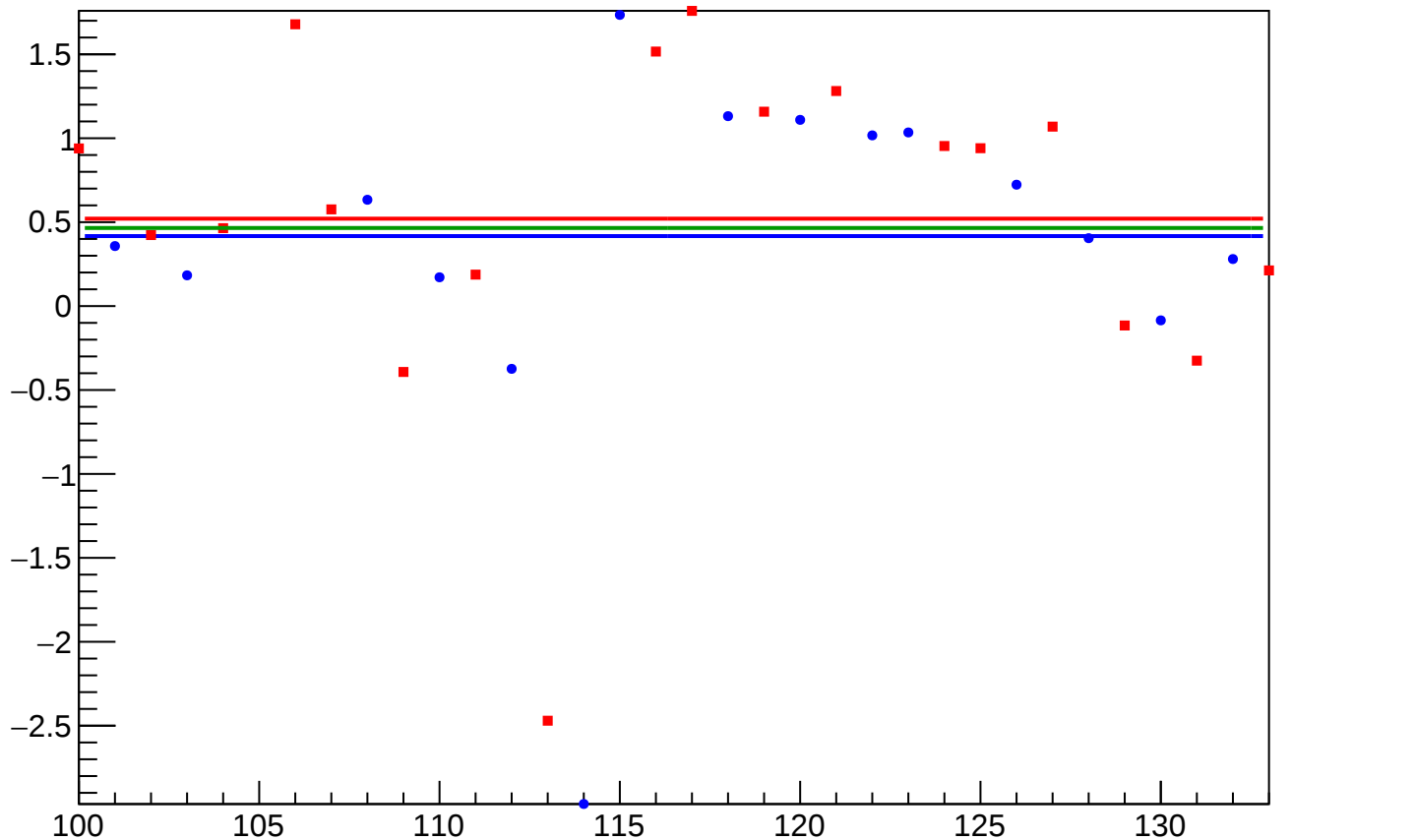
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 990321.5/14

0.013+/-0.000 χ^2/NDF : 2070943.2/32

0.013+/-0.000 χ^2/NDF : 1080335.9/17

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: 0.521+/-0.000 χ^2/NDF : 991556593.0/17

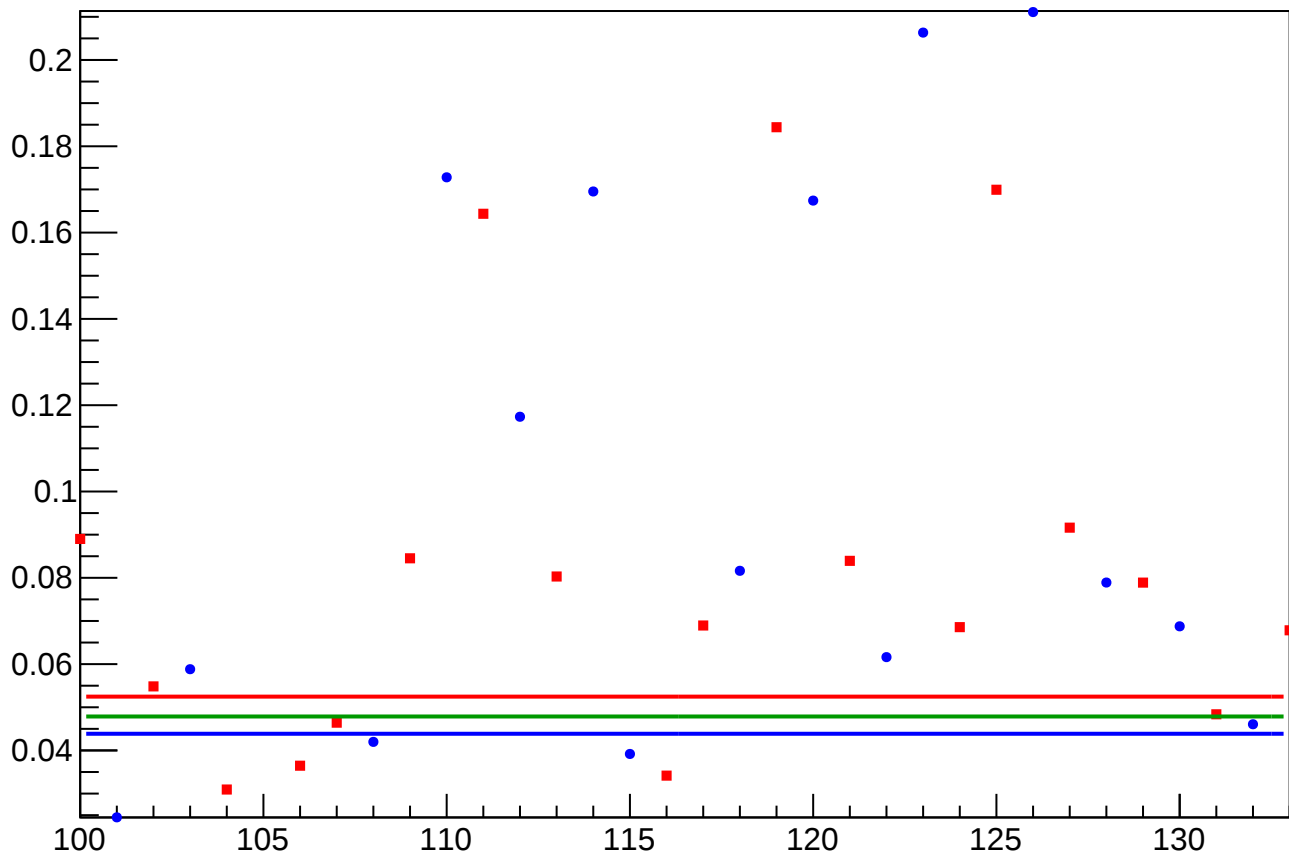
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.417+/-0.000 χ^2/NDF : 231959466.6/14

0.465+/-0.000 χ^2/NDF : 1231497705.5/32

0.521+/-0.000 χ^2/NDF : 991556593.0/17

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 : 2183489.3/17

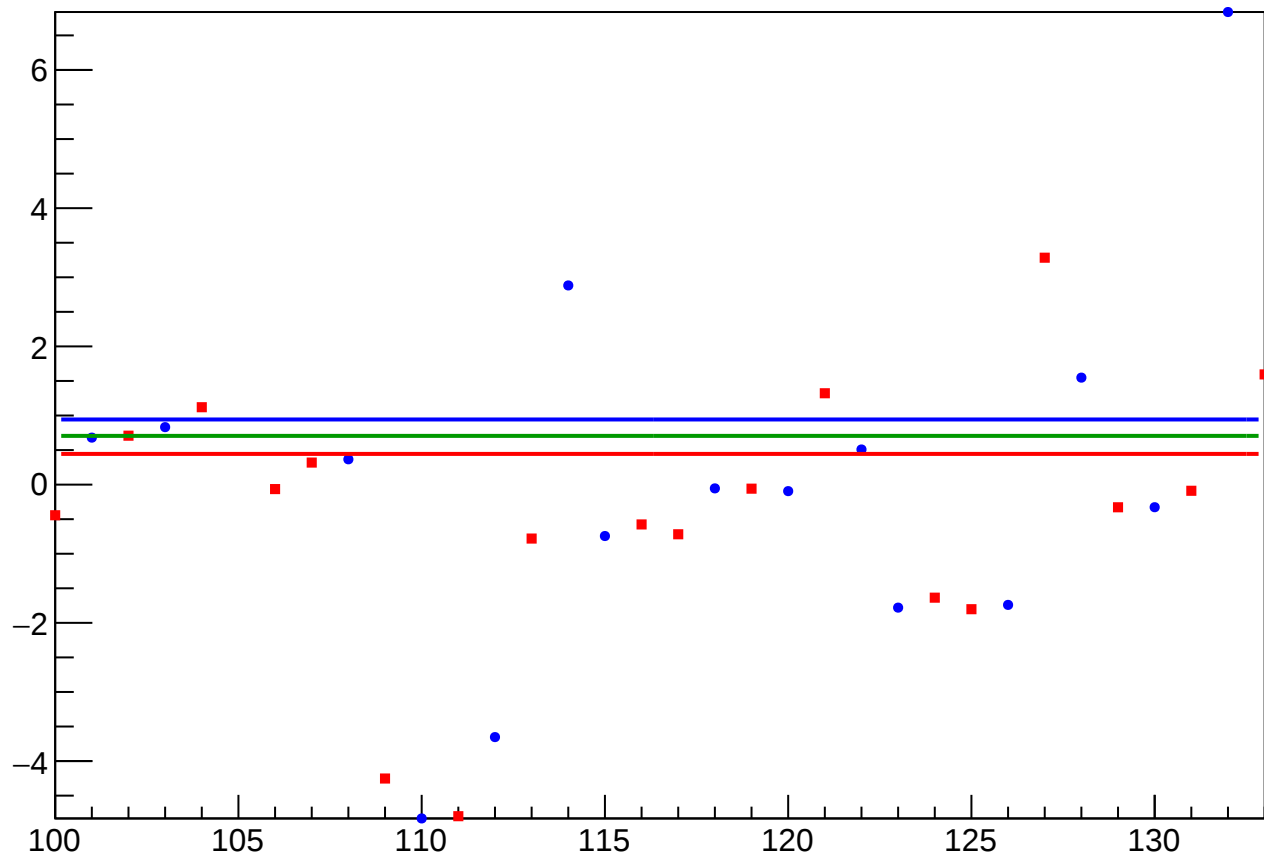
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2738592.4/14

0.048+/-0.000 χ^2/NDF : 5031911.4/32

0.052+/-0.000 χ^2/NDF : 2183489.3/17

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: 0.444+/-0.000 χ^2/NDF : 4489750114.8/17

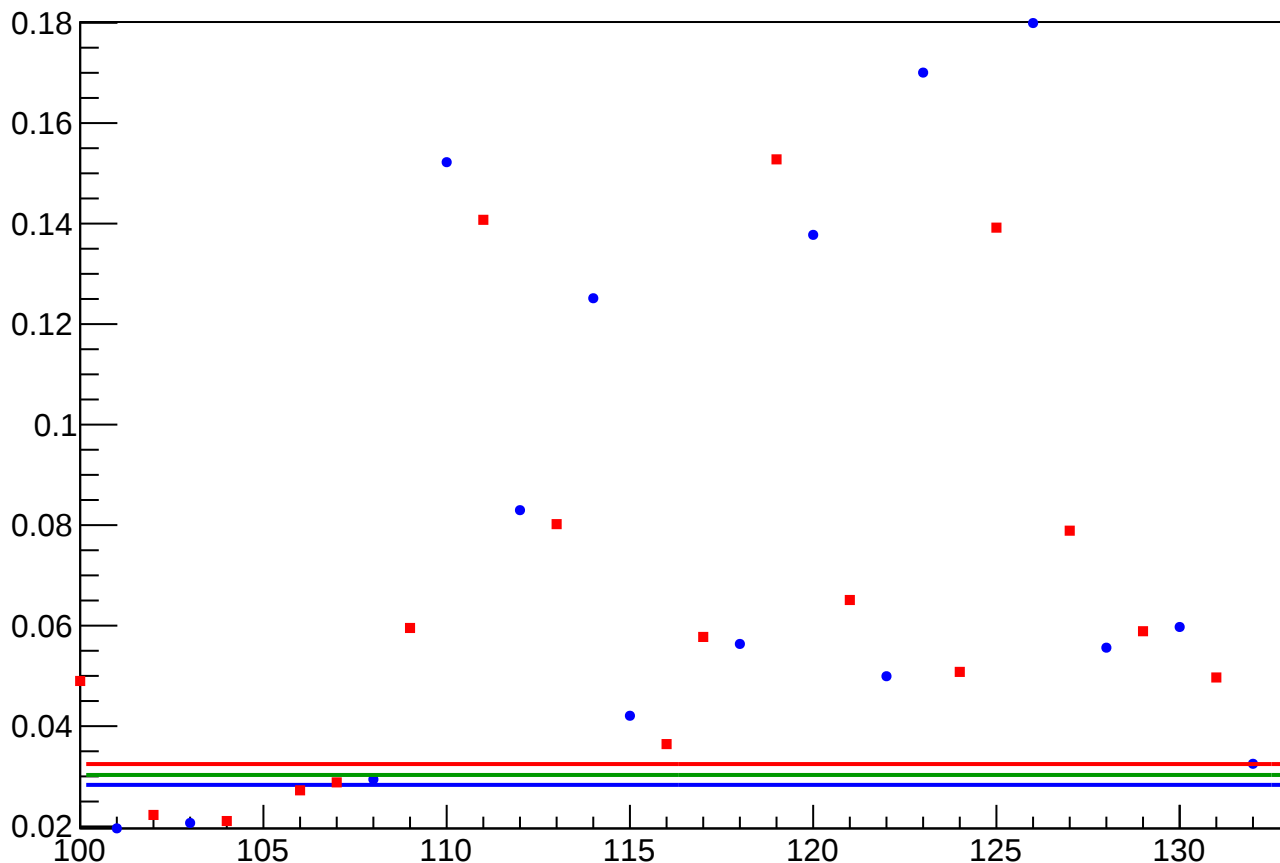
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.943+/-0.000 χ^2/NDF : 10050427010.8/14

0.705+/-0.000 χ^2/NDF : 14978657027.7/3

0.444+/-0.000 χ^2/NDF : 4489750114.8/17

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 : 3007332.1/17

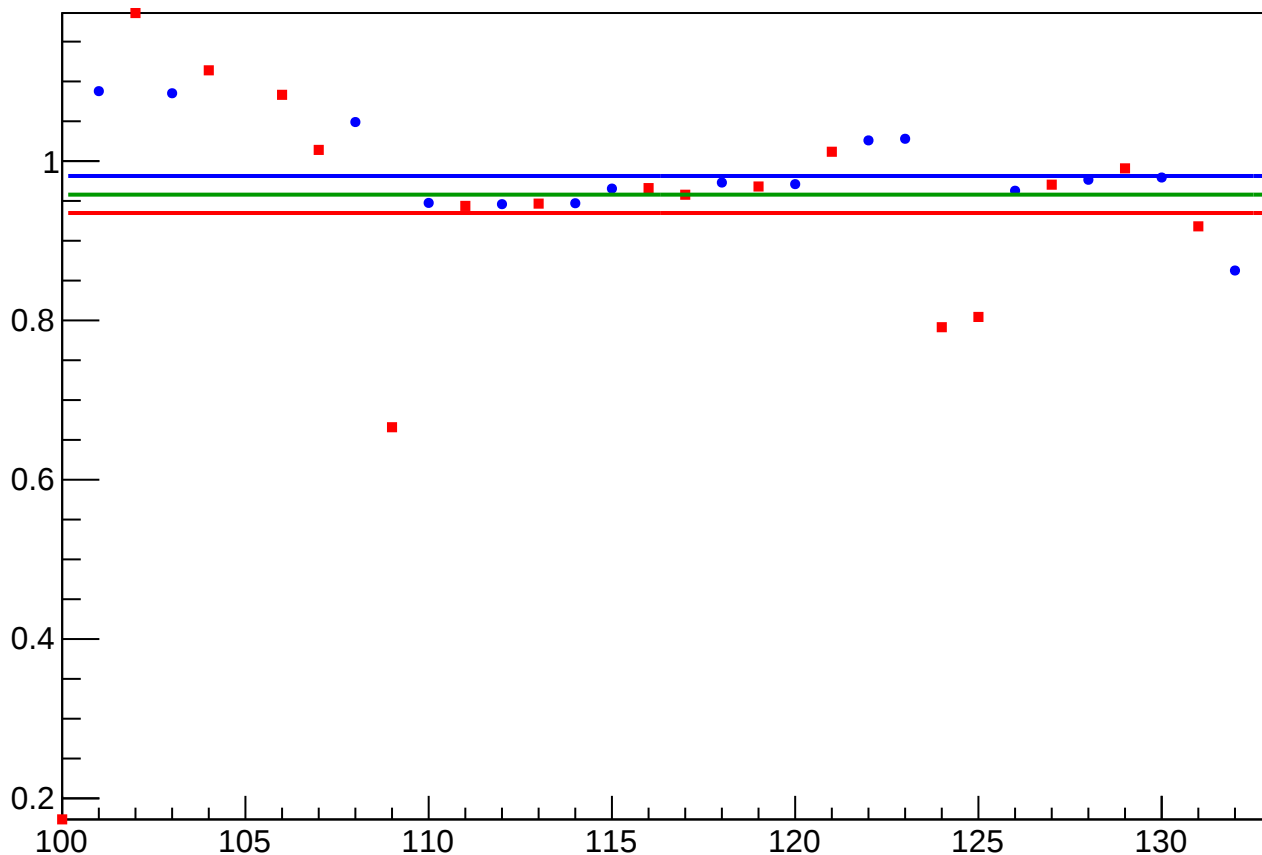
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 2802072.6/14

0.030+/-0.000 χ^2/NDF : 5870070.4/32

0.032+/-0.000 χ^2/NDF : 3007332.1/17

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.981 $\pm$ 0.000 χ^2/NDF : 68810111.3/14

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

Right Out: 0.935 $\pm$ 0.000 χ^2/NDF : 338376170.2/17

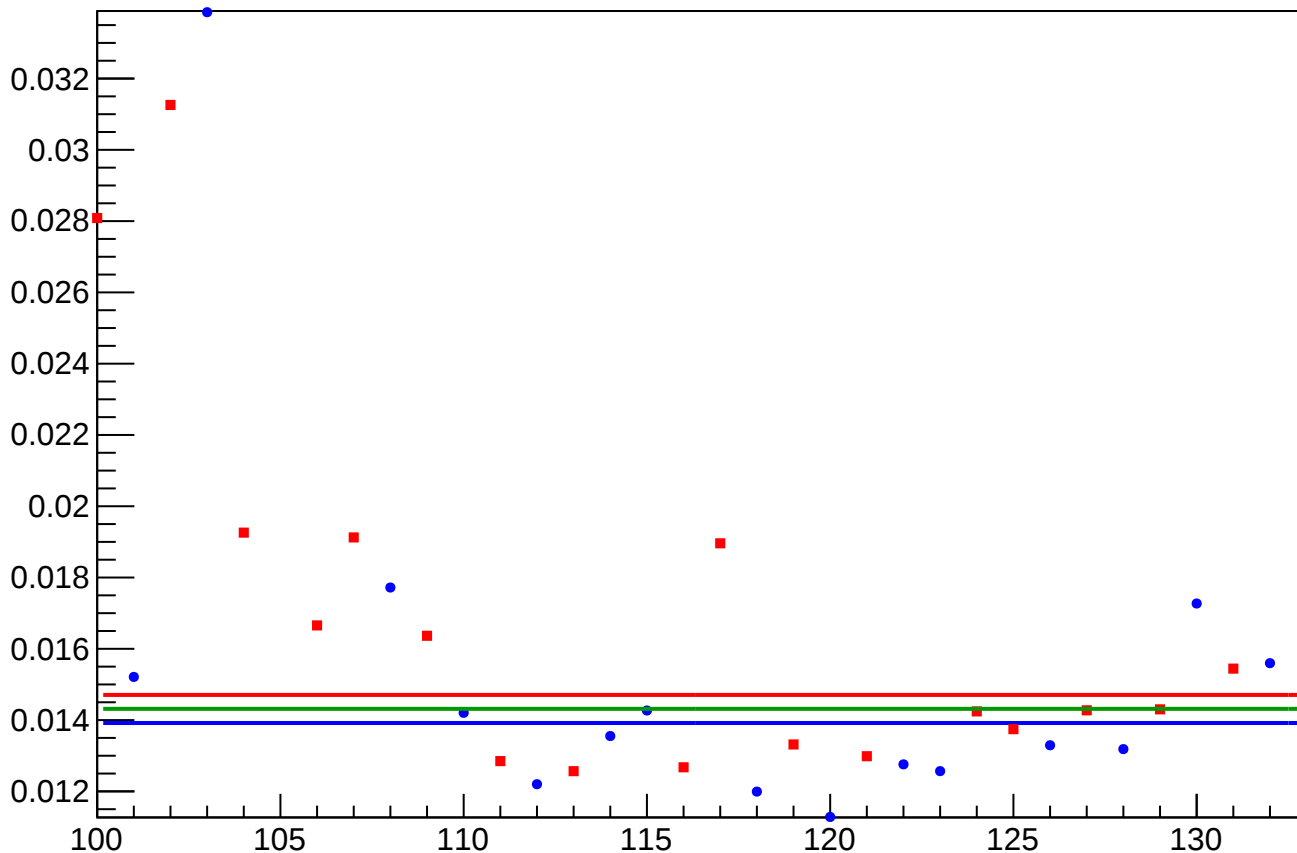
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.981 $\pm$ 0.000 χ^2/NDF : 68810111.3/14

0.958 $\pm$ 0.000 χ^2/NDF : 434610561.5/32

0.935 $\pm$ 0.000 χ^2/NDF : 338376170.2/17

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 : 474378.0/17

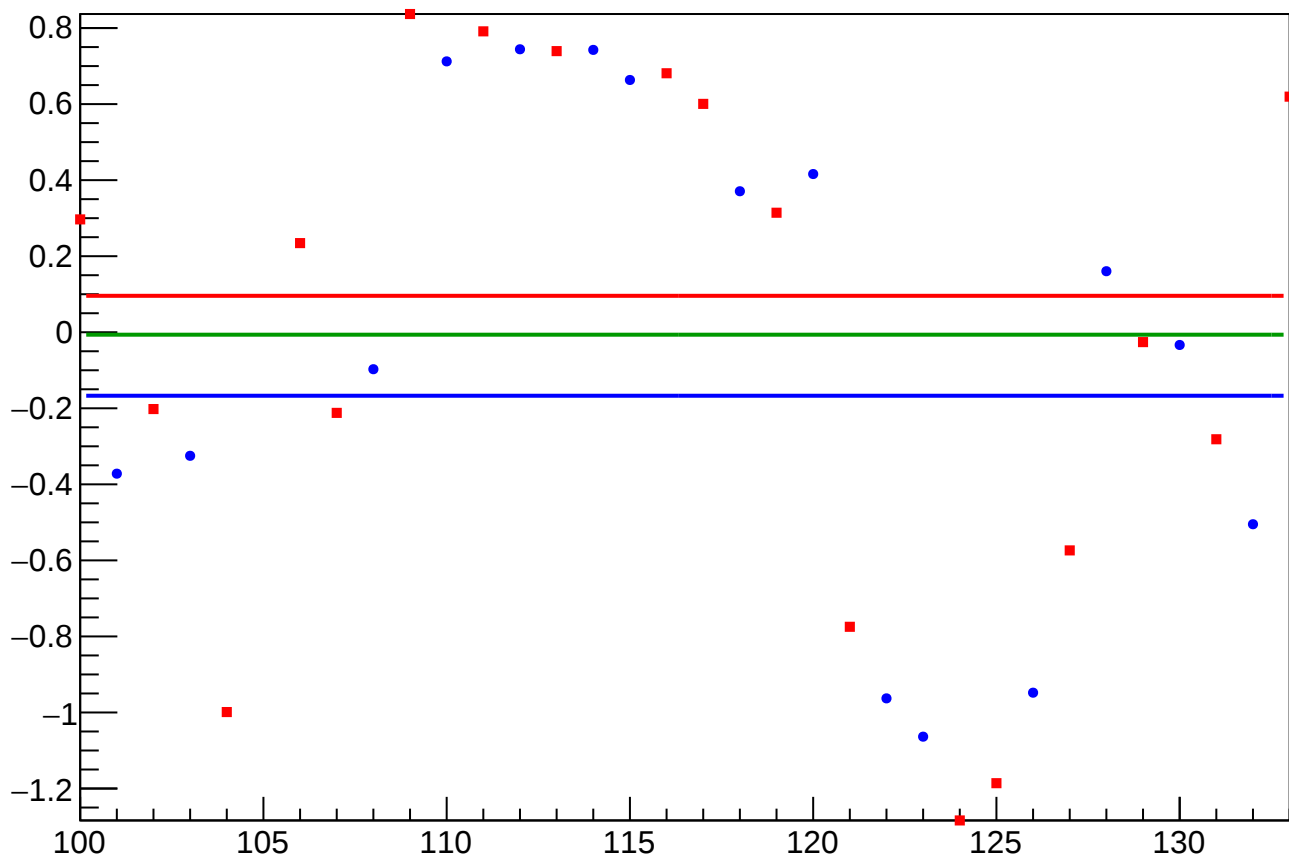
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 528703.0/14

0.014+/-0.000 χ^2/NDF : 1018826.6/32

0.015+/-0.000 χ^2/NDF : 474378.0/17

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: 0.096+/-0.000 χ^2/NDF : 12247586624.2/17

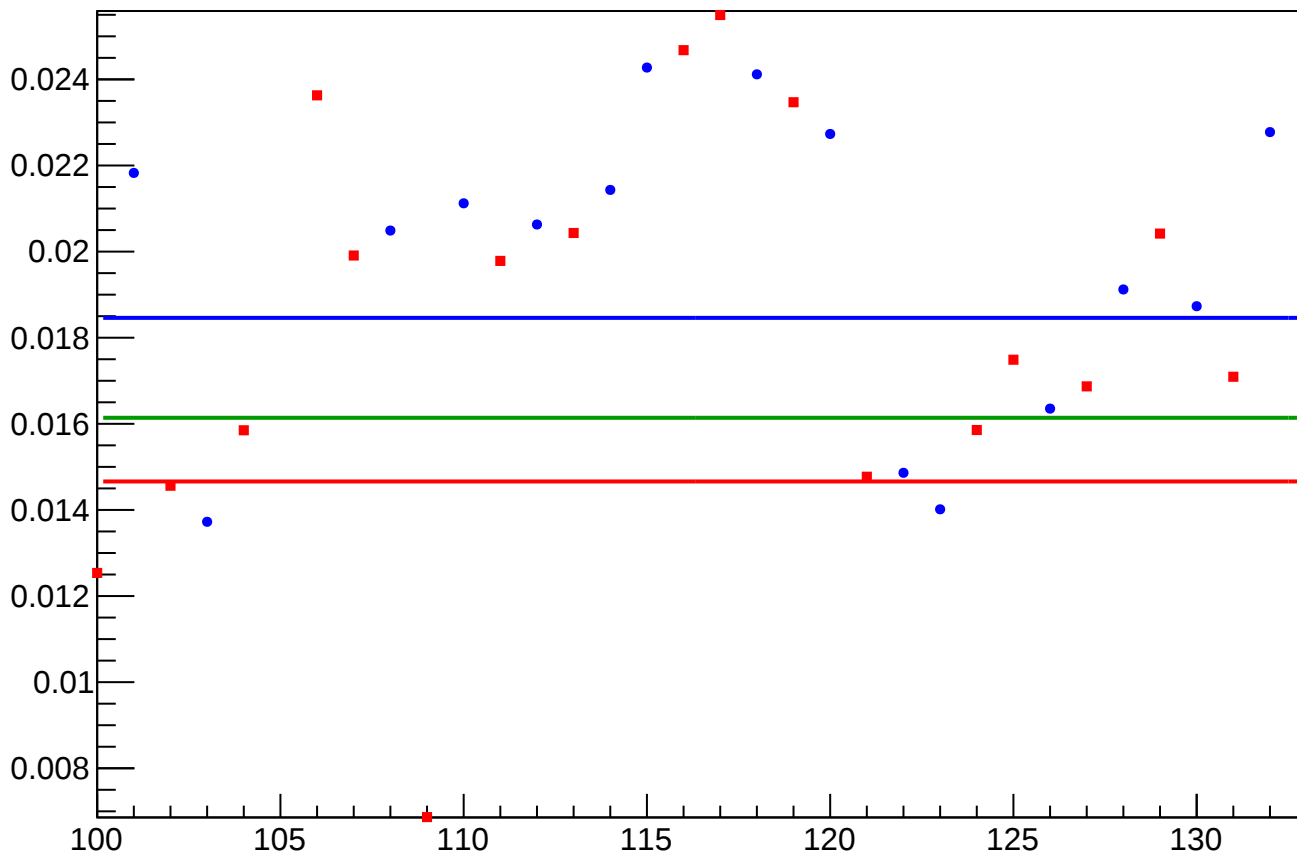
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.167+/-0.000 χ^2/NDF : 4702382828.7/14

-0.006+/-0.000 χ^2/NDF : 17581369767.9/3

0.096+/-0.000 χ^2/NDF : 12247586624.2/17

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: 0.015+/-0.000 χ^2/NDF : 1463983.1/17

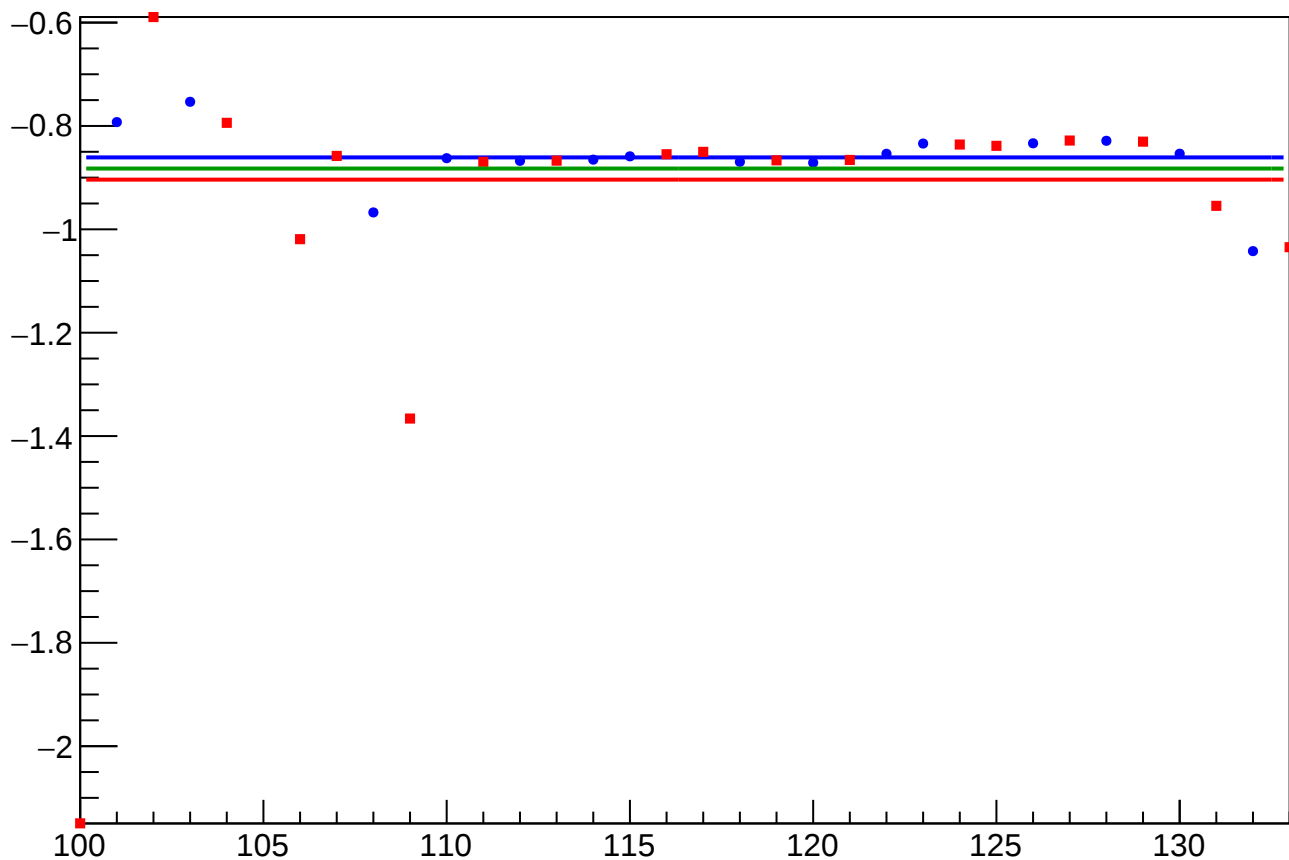
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 364555.1/14

0.016+/-0.000 χ^2/NDF : 2092510.8/32

0.015+/-0.000 χ^2/NDF : 1463983.1/17

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: -0.904+/-0.000 χ^2/NDF : 120305472.9/17

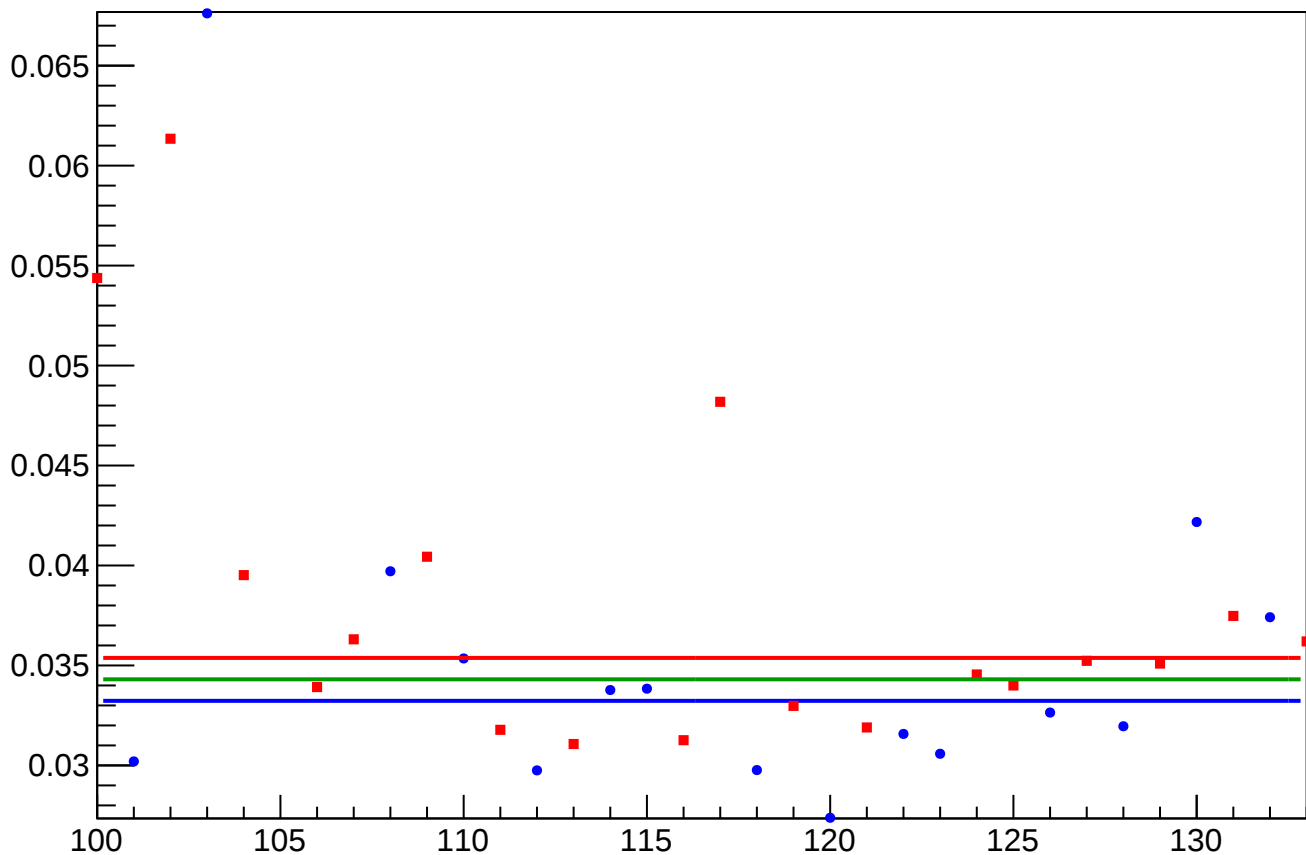
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.861+/-0.000 χ^2/NDF : 15890959.4/14

-0.882+/-0.000 χ^2/NDF : 140317967.5/32

-0.904+/-0.000 χ^2/NDF : 120305472.9/17

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.000 χ^2/NDF : 401716.4/14

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

Right Out: 0.035 $\pm$ 0.000 χ^2/NDF : 265505.3/17

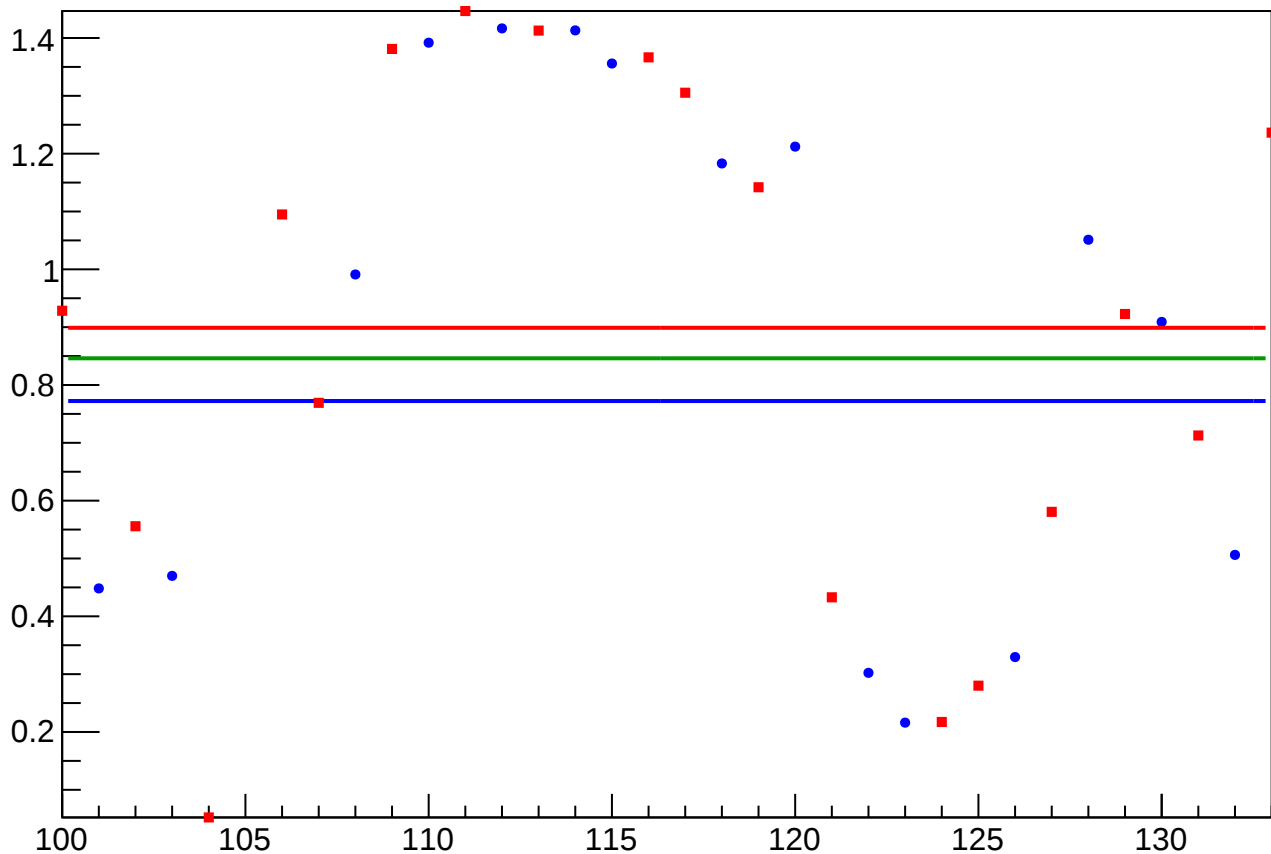
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.033 $\pm$ 0.000 χ^2/NDF : 401716.4/14

0.034 $\pm$ 0.000 χ^2/NDF : 687823.0/32

0.035 $\pm$ 0.000 χ^2/NDF : 265505.3/17

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: 0.899 $\pm$ 0.000 χ^2 /NDF: 9556497305.0/17

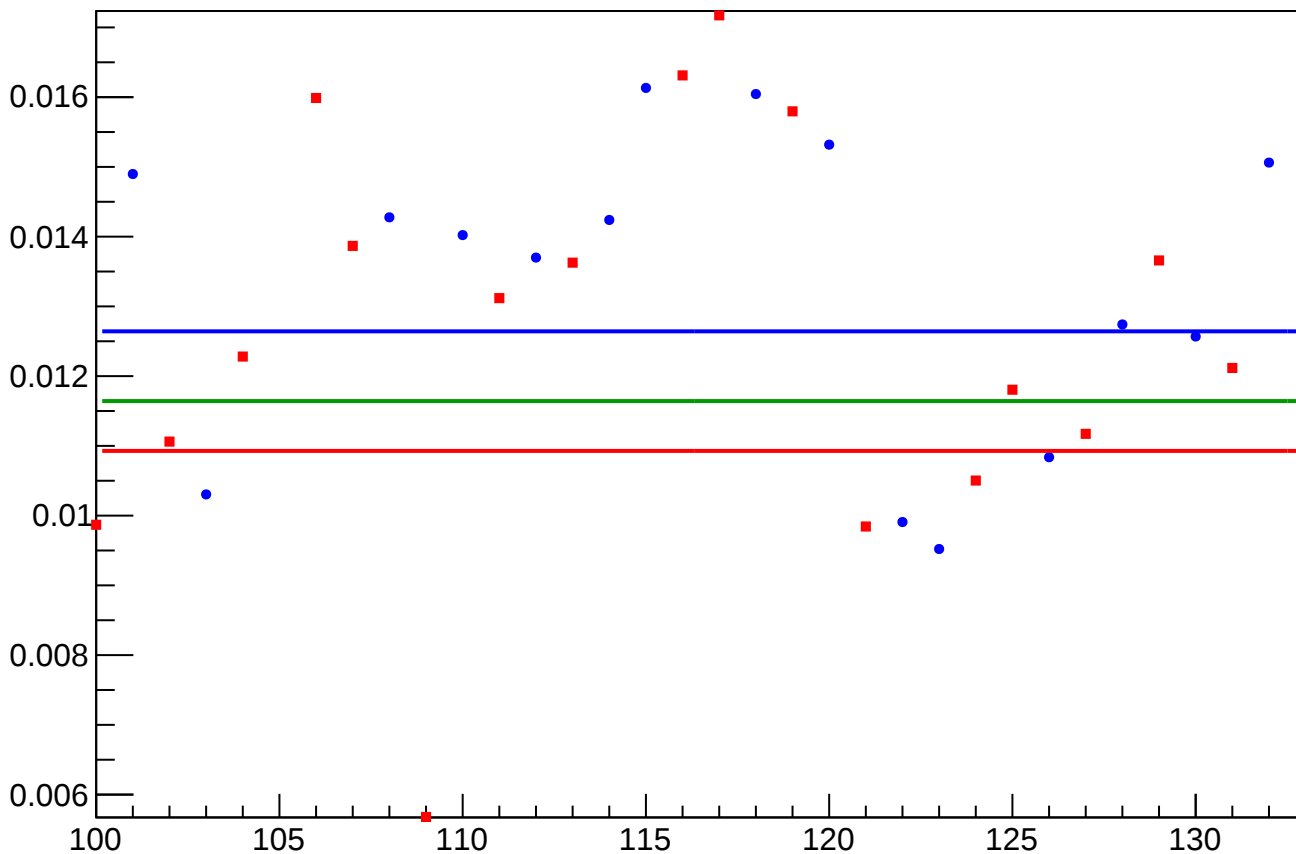
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.772 $\pm$ 0.000 χ^2 /NDF: 5408233136.5/14

0.846 $\pm$ 0.000 χ^2 /NDF: 15265185826.9/3

0.899 $\pm$ 0.000 χ^2 /NDF: 9556497305.0/17

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 : 918946.6/17

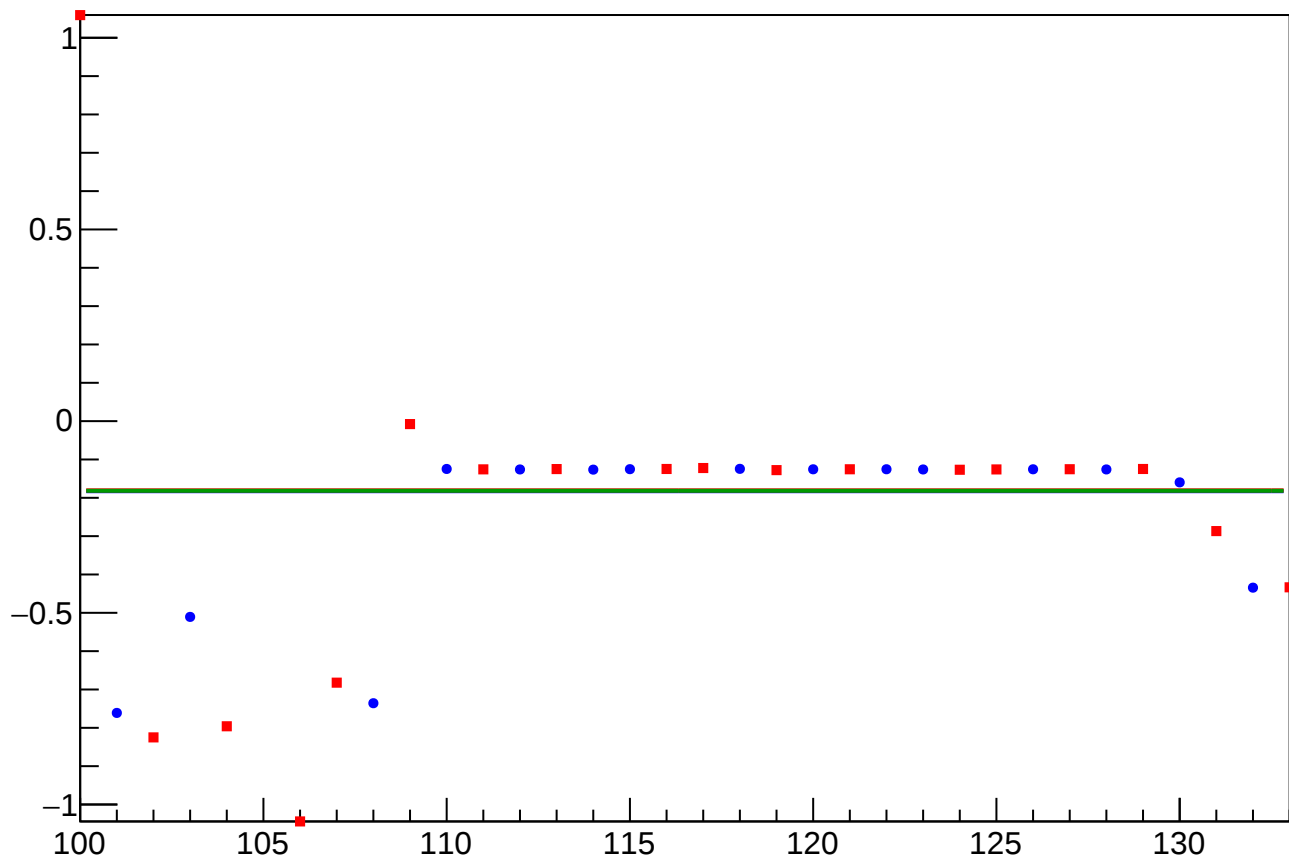
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 281624.1/14

0.012+/-0.000 χ^2/NDF : 1310732.7/32

0.011+/-0.000 χ^2/NDF : 918946.6/17

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: -0.181+/-0.000 χ^2/NDF : 565474202.2/17

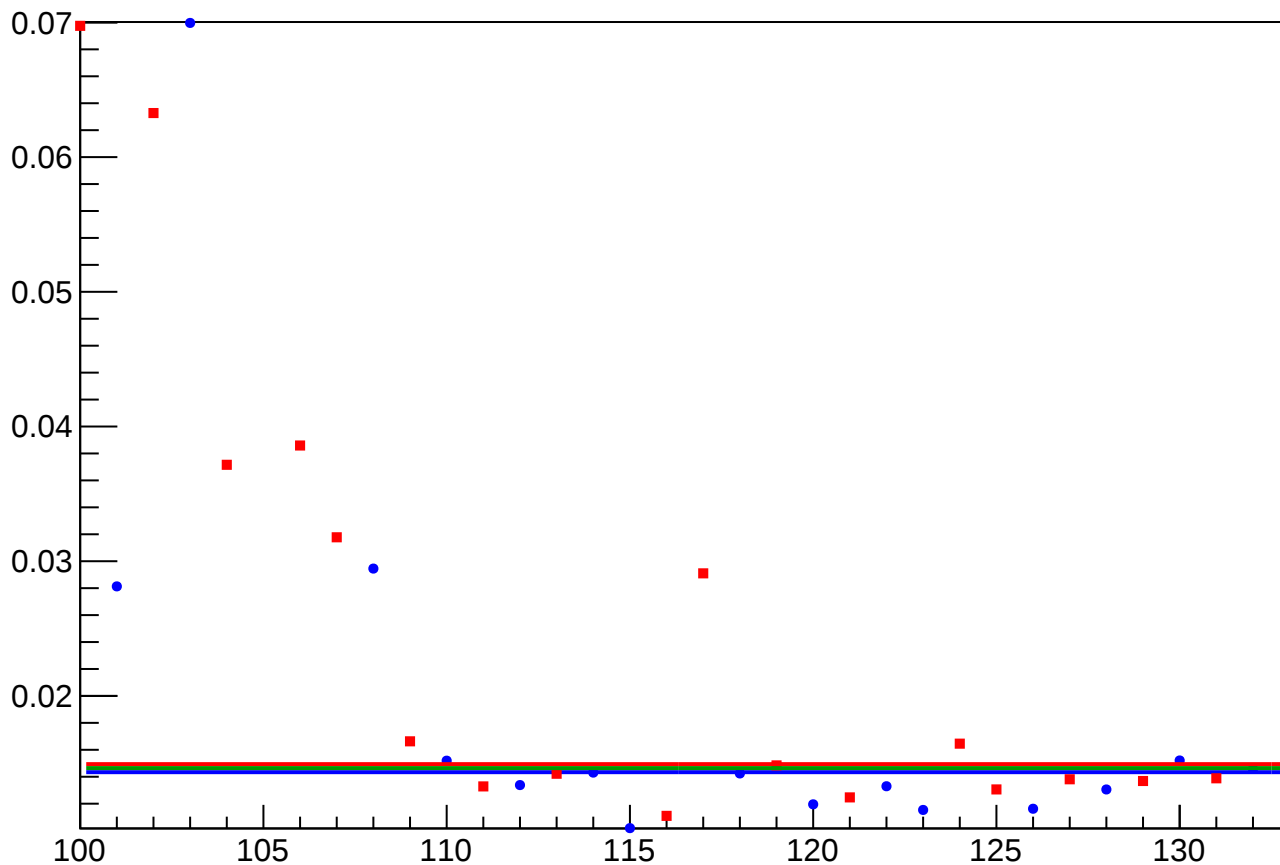
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.183+/-0.000 χ^2/NDF : 463144297.6/14

-0.182+/-0.000 χ^2/NDF : 1028669884.8/3

-0.181+/-0.000 χ^2/NDF : 565474202.2/17

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 : 1368090.7/17

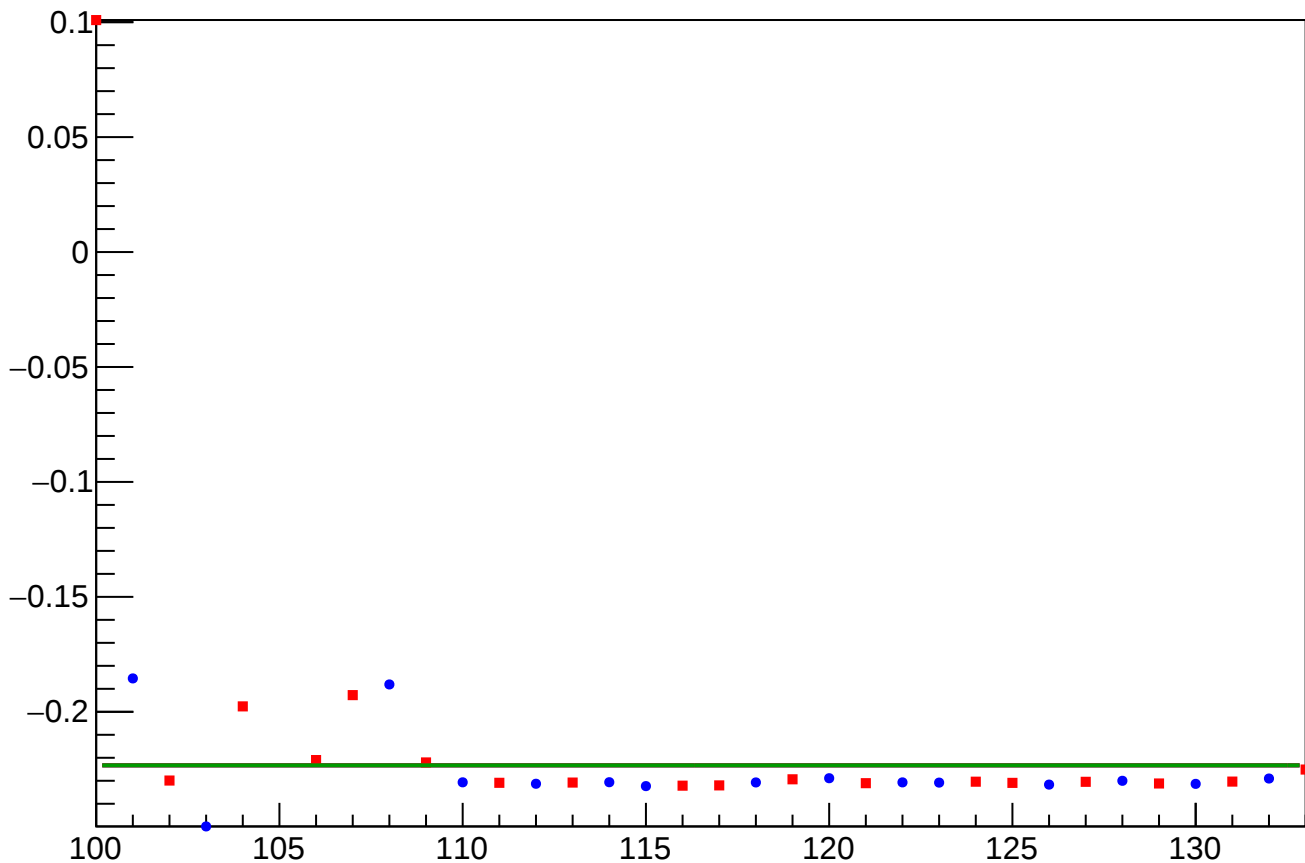
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1184240.6/14

0.015+/-0.000 χ^2/NDF : 2559548.5/32

0.015+/-0.000 χ^2/NDF : 1368090.7/17

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 : 168033001.4/17

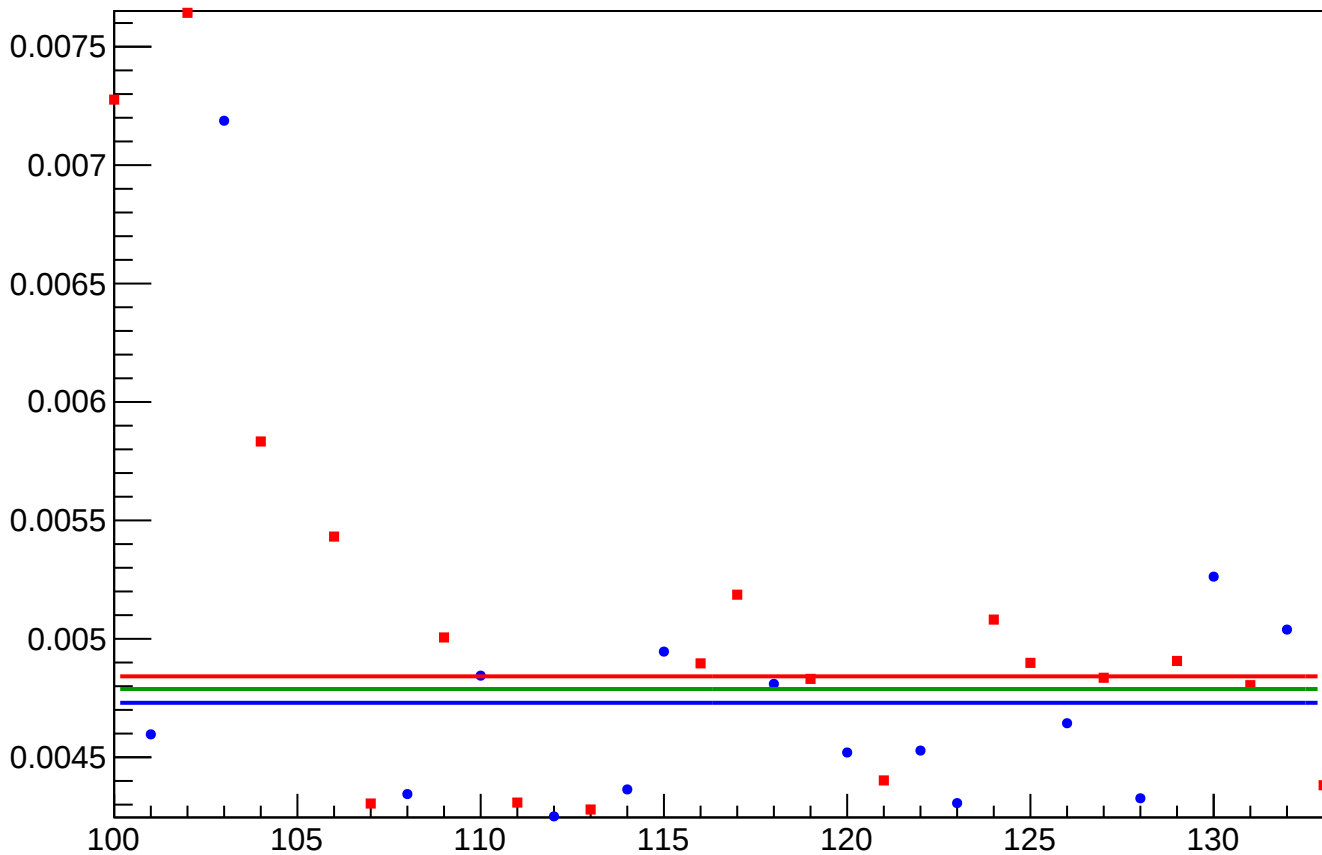
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 74102491.2/14

-0.223+/-0.000 χ^2/NDF : 242135526.5/32

-0.223+/-0.000 χ^2/NDF : 168033001.4/17

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 : 236399.0/17

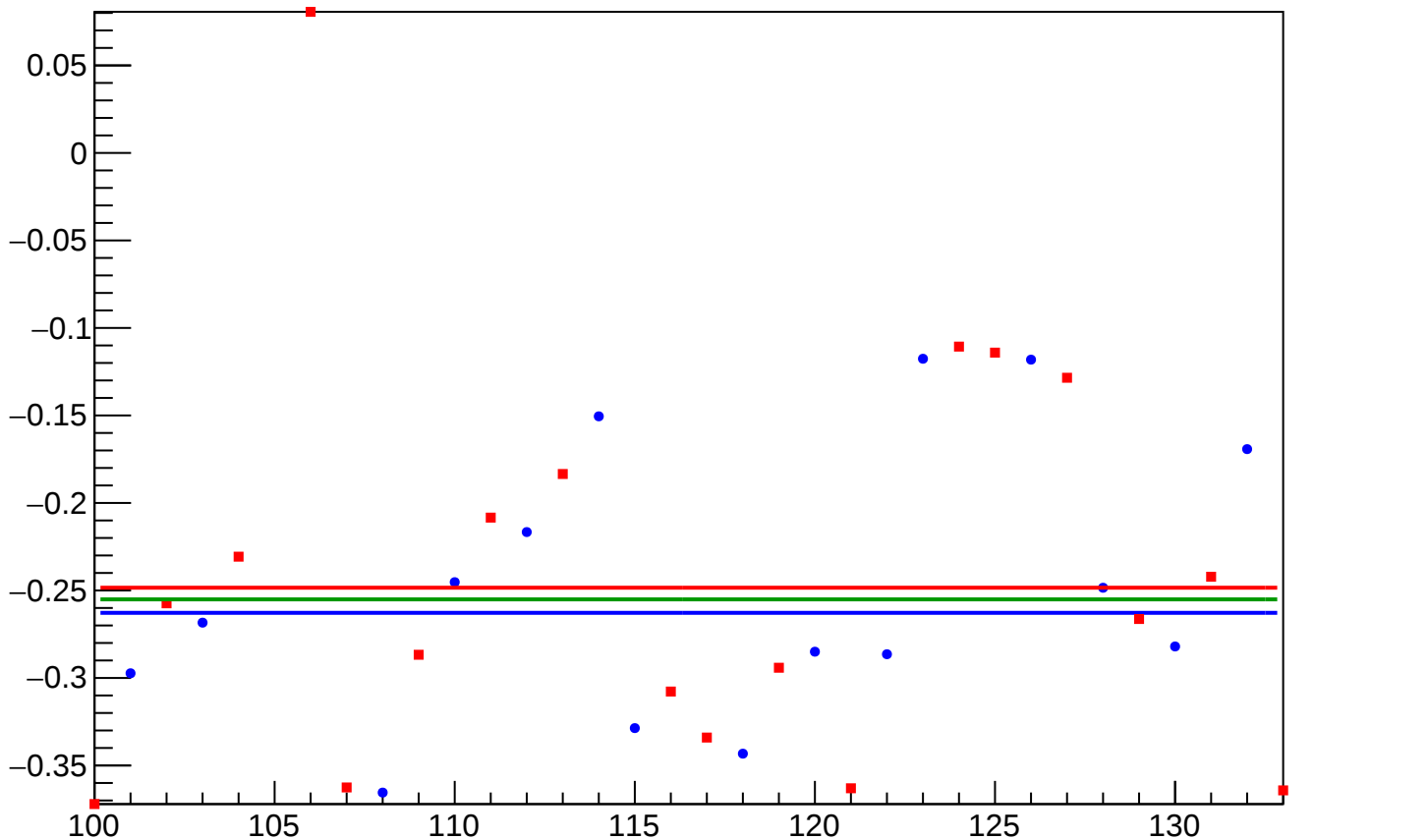
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 167161.8/14

0.005+/-0.000 χ^2/NDF : 406525.7/32

0.005+/-0.000 χ^2/NDF : 236399.0/17

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: -0.248+/-0.000 χ^2/NDF : 1200871500.9/17

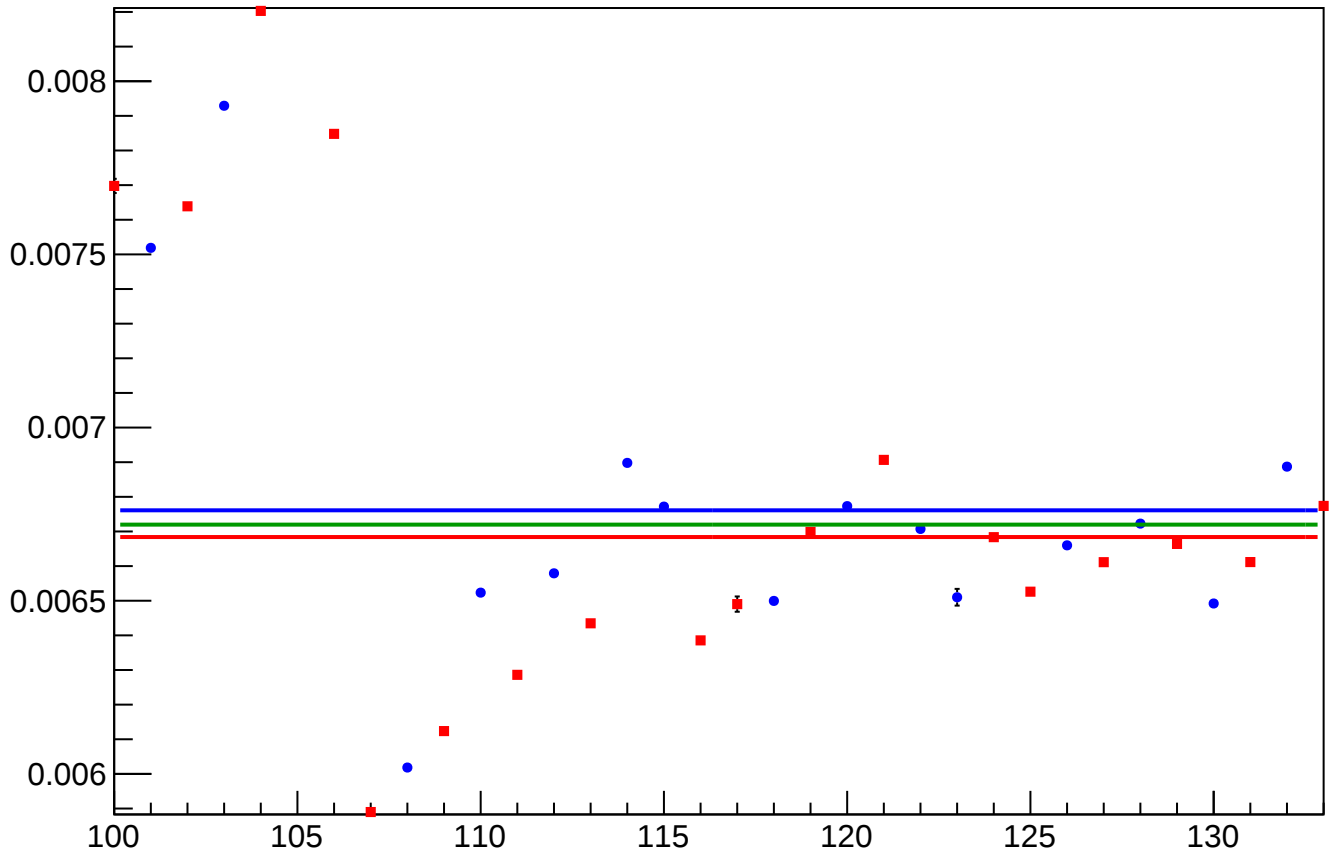
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.263+/-0.000 χ^2/NDF : 551288138.3/14

-0.255+/-0.000 χ^2/NDF : 1765619262.7/3

-0.248+/-0.000 χ^2/NDF : 1200871500.9/17

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 53412.3/14

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

Right Out: 0.007+/-0.000 χ^2/NDF : 89441.8/17

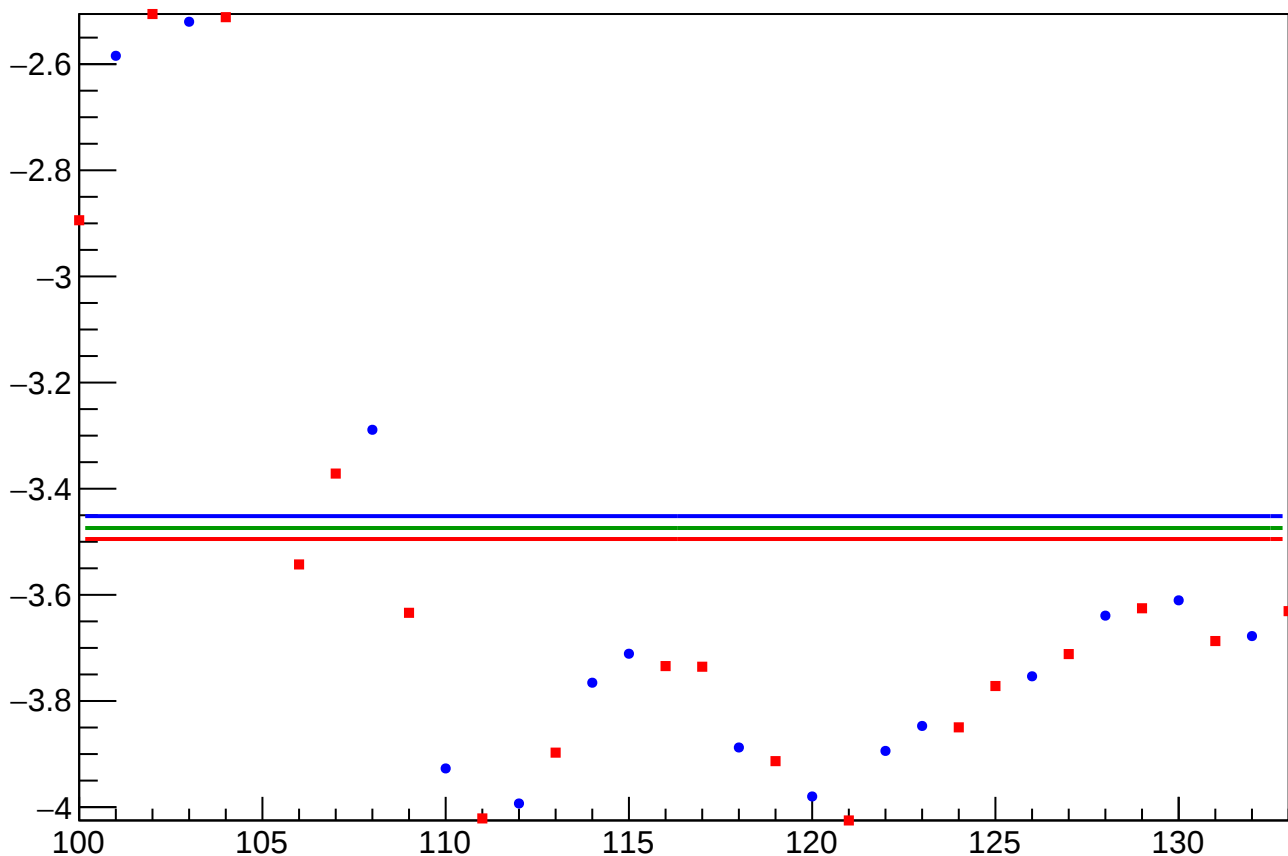
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 53412.3/14

0.007+/-0.000 χ^2/NDF : 143631.9/32

0.007+/-0.000 χ^2/NDF : 89441.8/17

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

Right Out: -3.495+/-0.000 χ^2/NDF : 25591353461.1/17

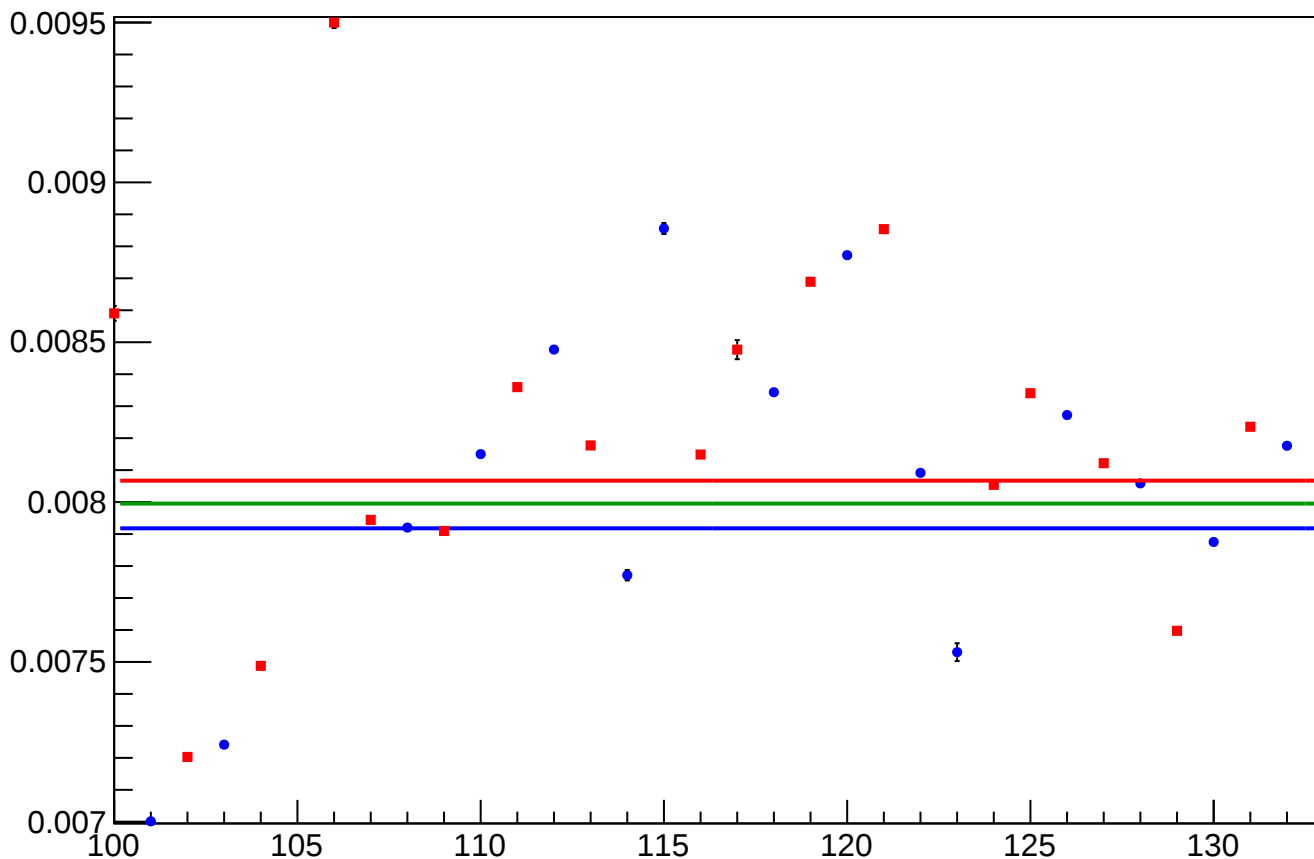
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.452+/-0.000 χ^2/NDF : 26386146700.5/14

-3.474+/-0.000 χ^2/NDF : 52062388089.5/17

-3.495+/-0.000 χ^2/NDF : 25591353461.1/17

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 : 47702.6/17

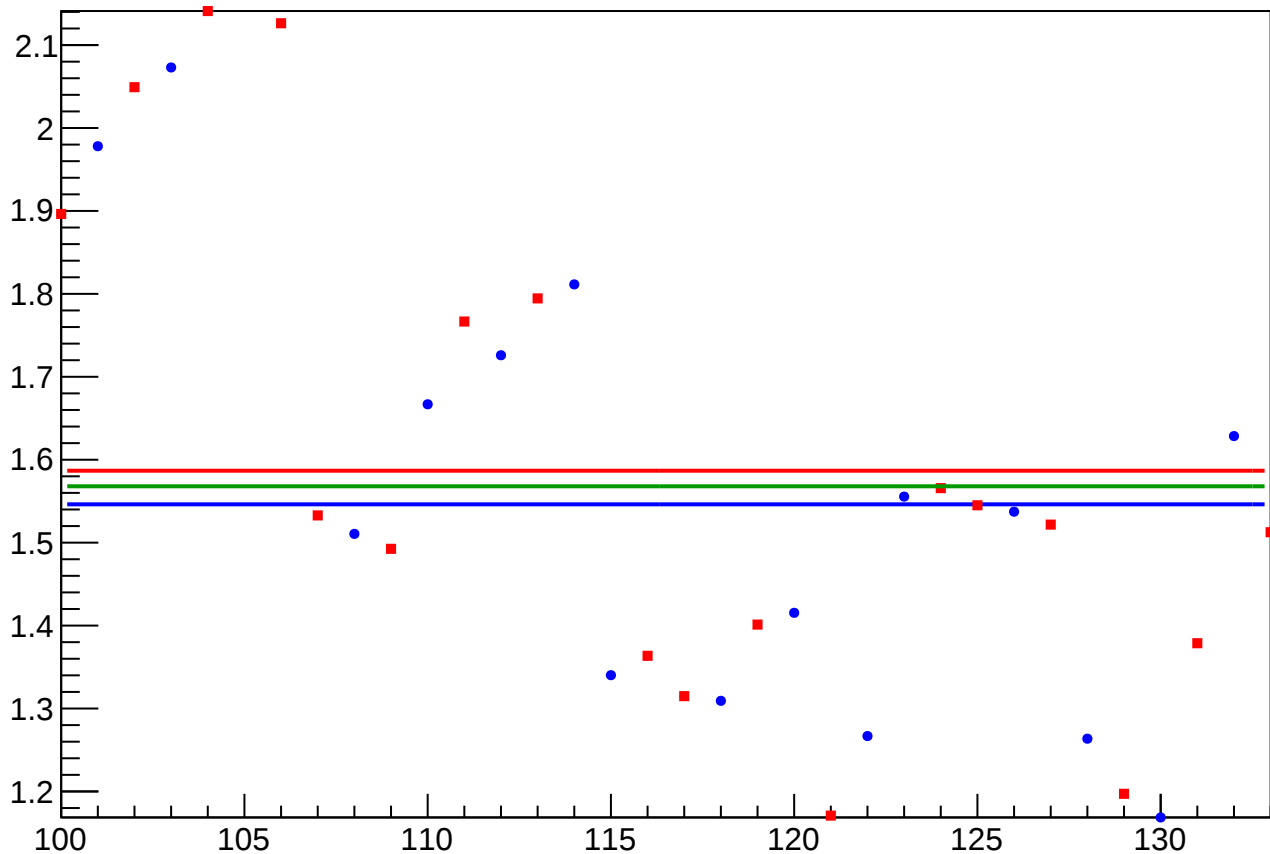
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 48551.1/14

0.008+/-0.000 χ^2/NDF : 98280.0/32

0.008+/-0.000 χ^2/NDF : 47702.6/17

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: 1.587+/-0.000 χ^2/NDF : 3340773913.8/17

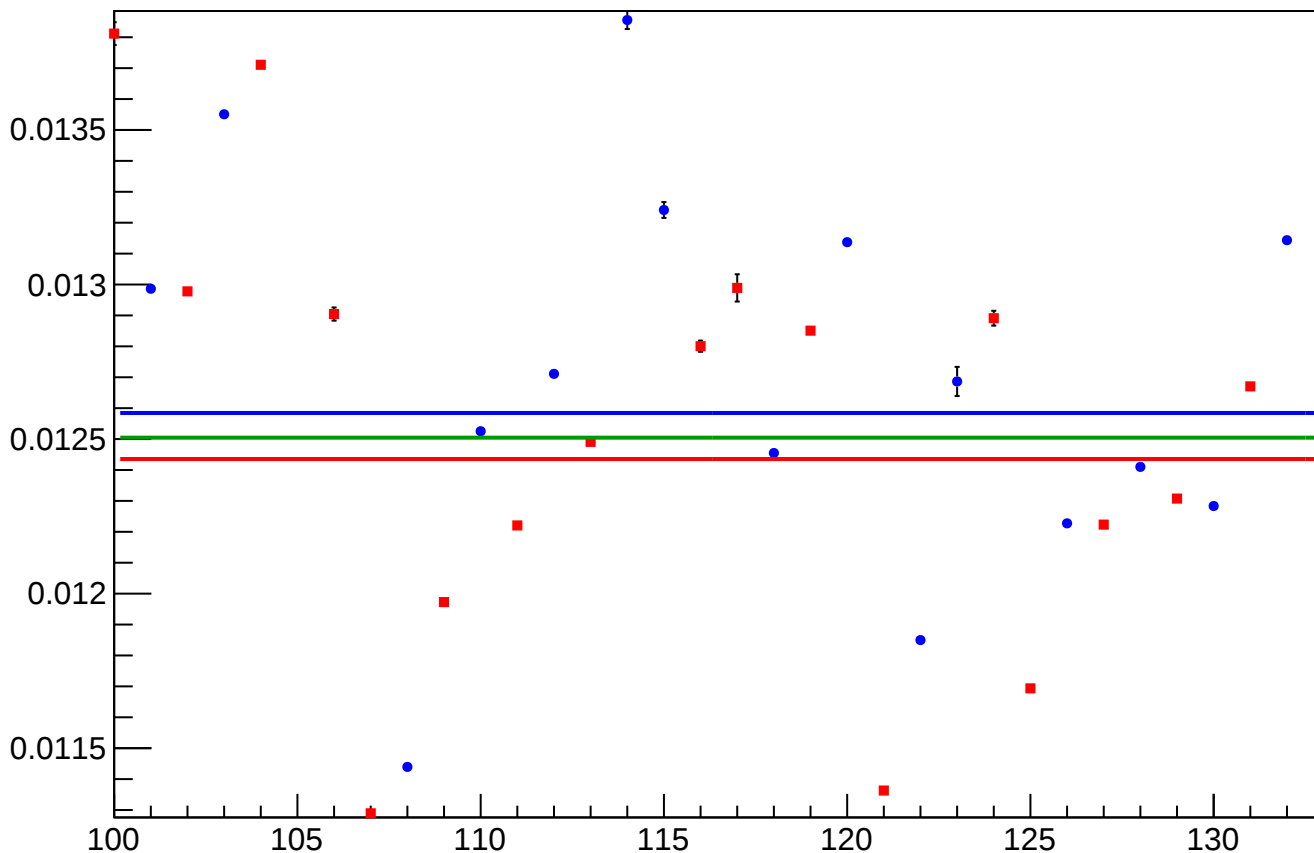
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.546+/-0.000 χ^2/NDF : 2871927657.4/14

1.568+/-0.000 χ^2/NDF : 6243639123.0/32

1.587+/-0.000 χ^2/NDF : 3340773913.8/17

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 : 37365.0/17

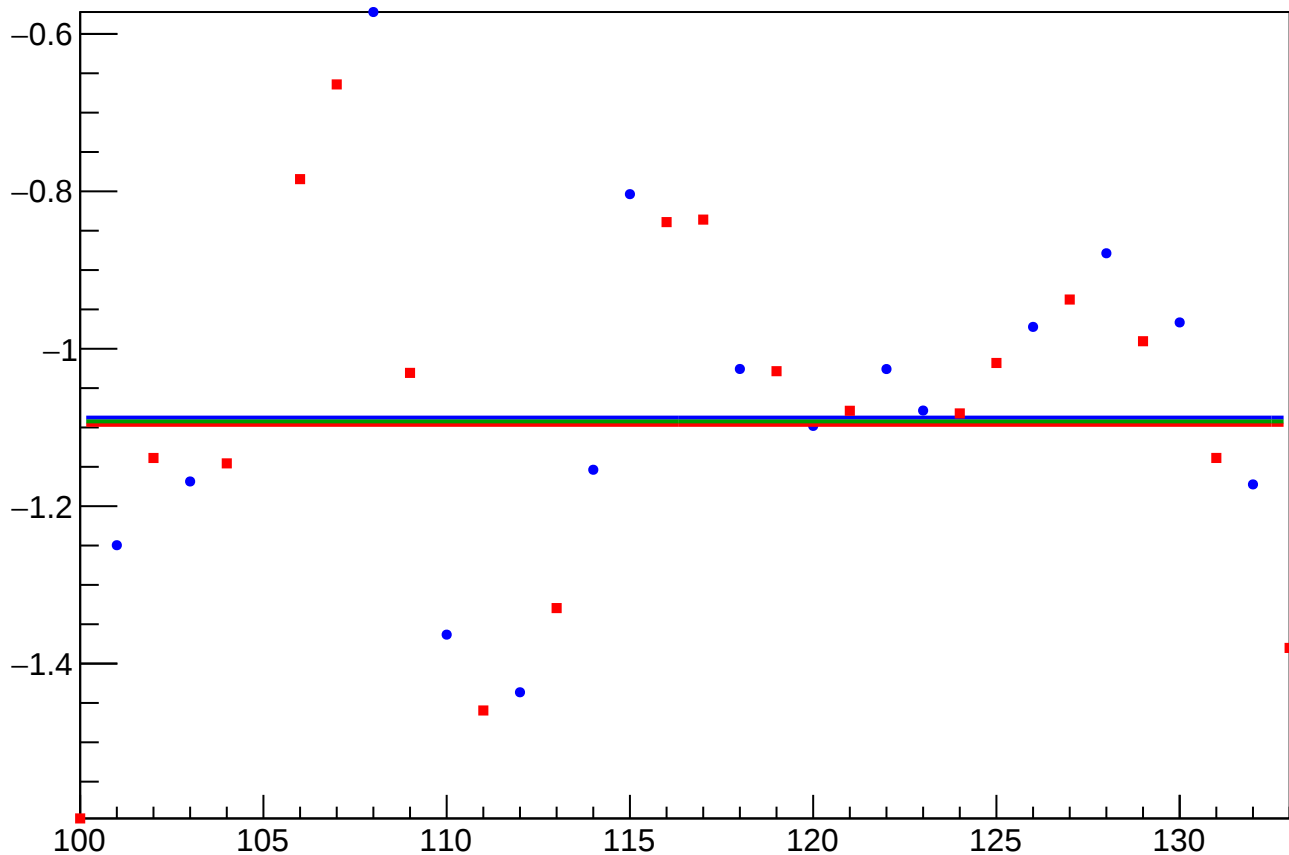
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 24168.7/14

0.013+/-0.000 χ^2/NDF : 62367.9/32

0.012+/-0.000 χ^2/NDF : 37365.0/17

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: -1.097+/-0.000 χ^2 /NDF: 2665425569.5/17

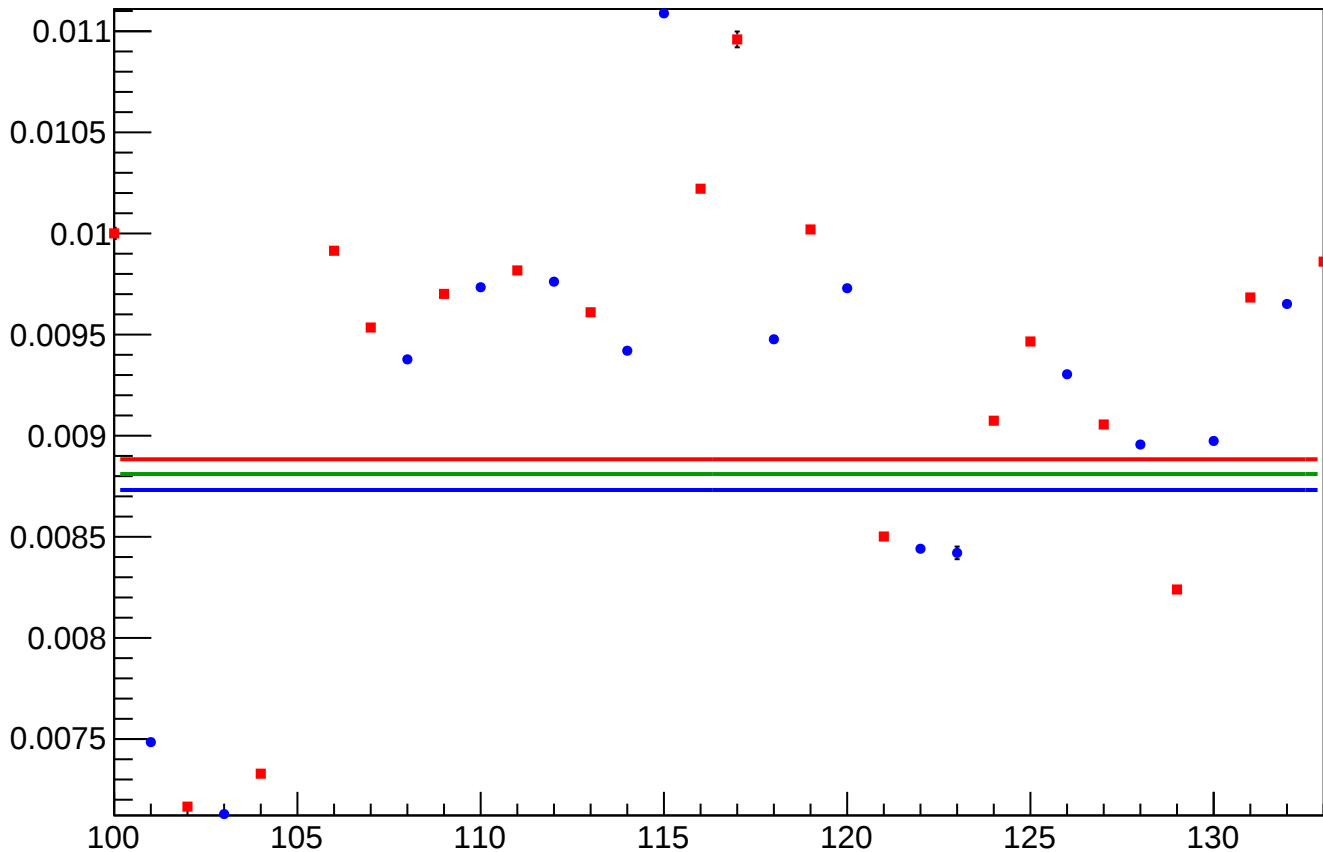
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.087+/-0.000 χ^2 /NDF: 2836166117.6/14

-1.092+/-0.000 χ^2 /NDF: 5504663092.3/32

-1.097+/-0.000 χ^2 /NDF: 2665425569.5/17

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 : 175147.2/17

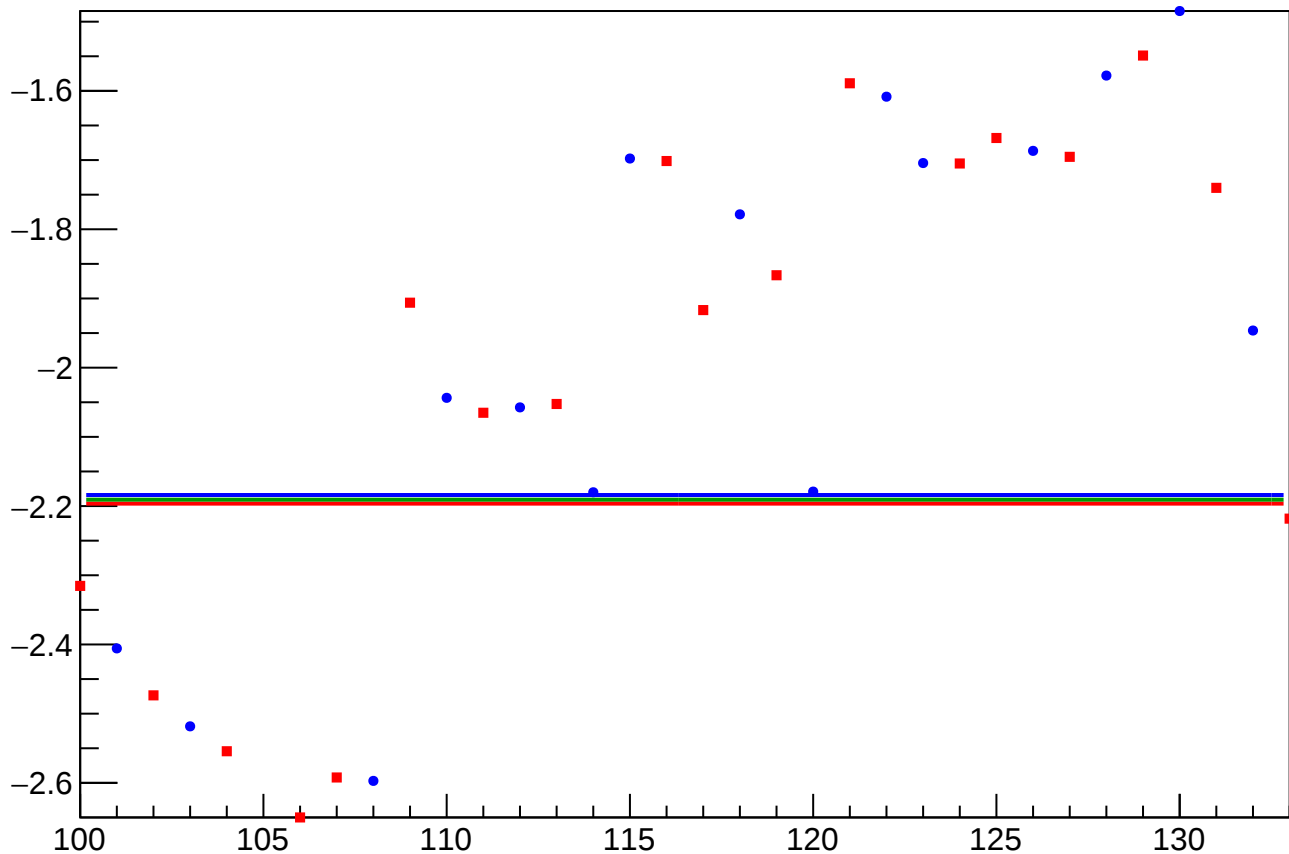
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 144333.8/14

0.009+/-0.000 χ^2/NDF : 321174.9/32

0.009+/-0.000 χ^2/NDF : 175147.2/17

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: -2.196+/-0.000 χ^2/NDF : 13198688195.2/17

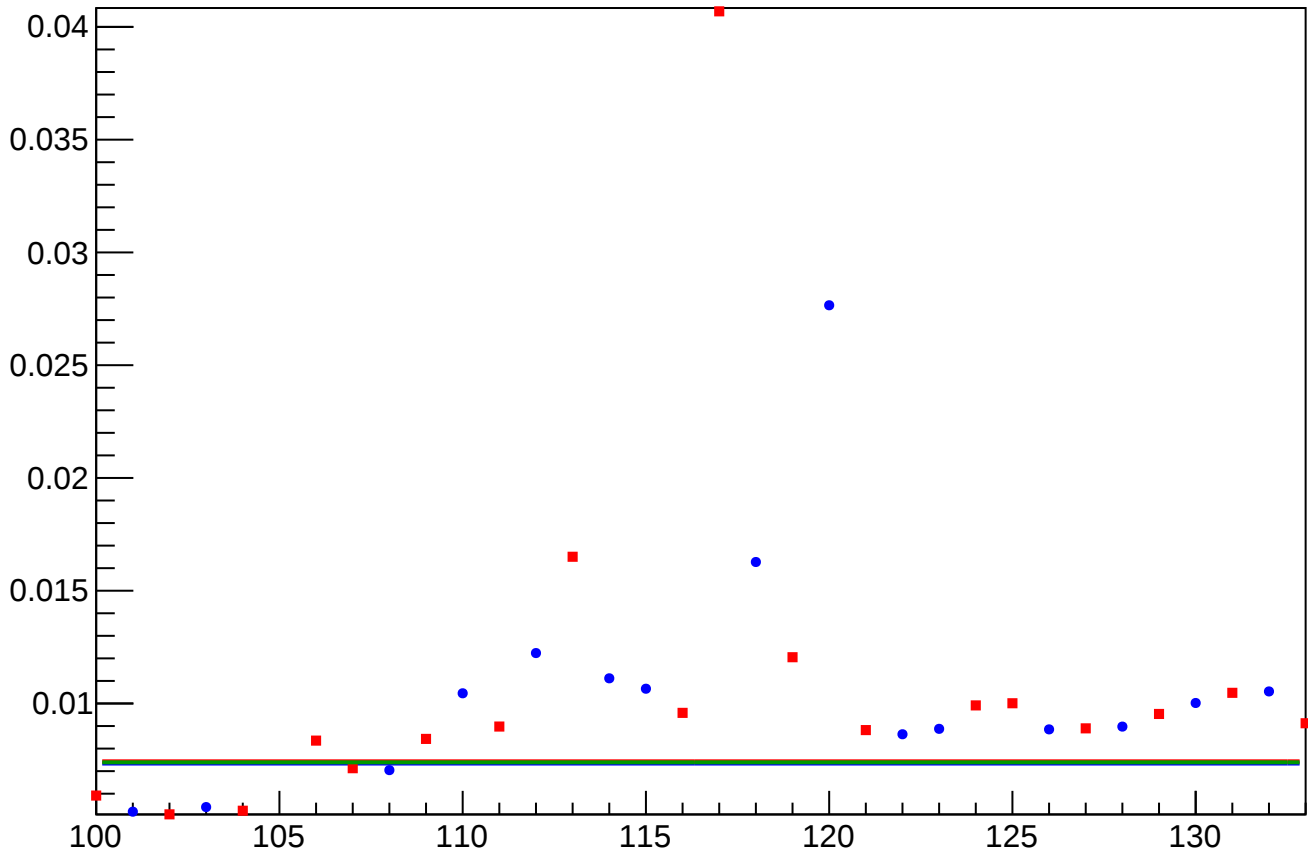
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.184+/-0.000 χ^2/NDF : 12149893377.3/14

-2.191+/-0.000 χ^2/NDF : 25355042770.0/3

-2.196+/-0.000 χ^2/NDF : 13198688195.2/17

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 : 973013.1/17

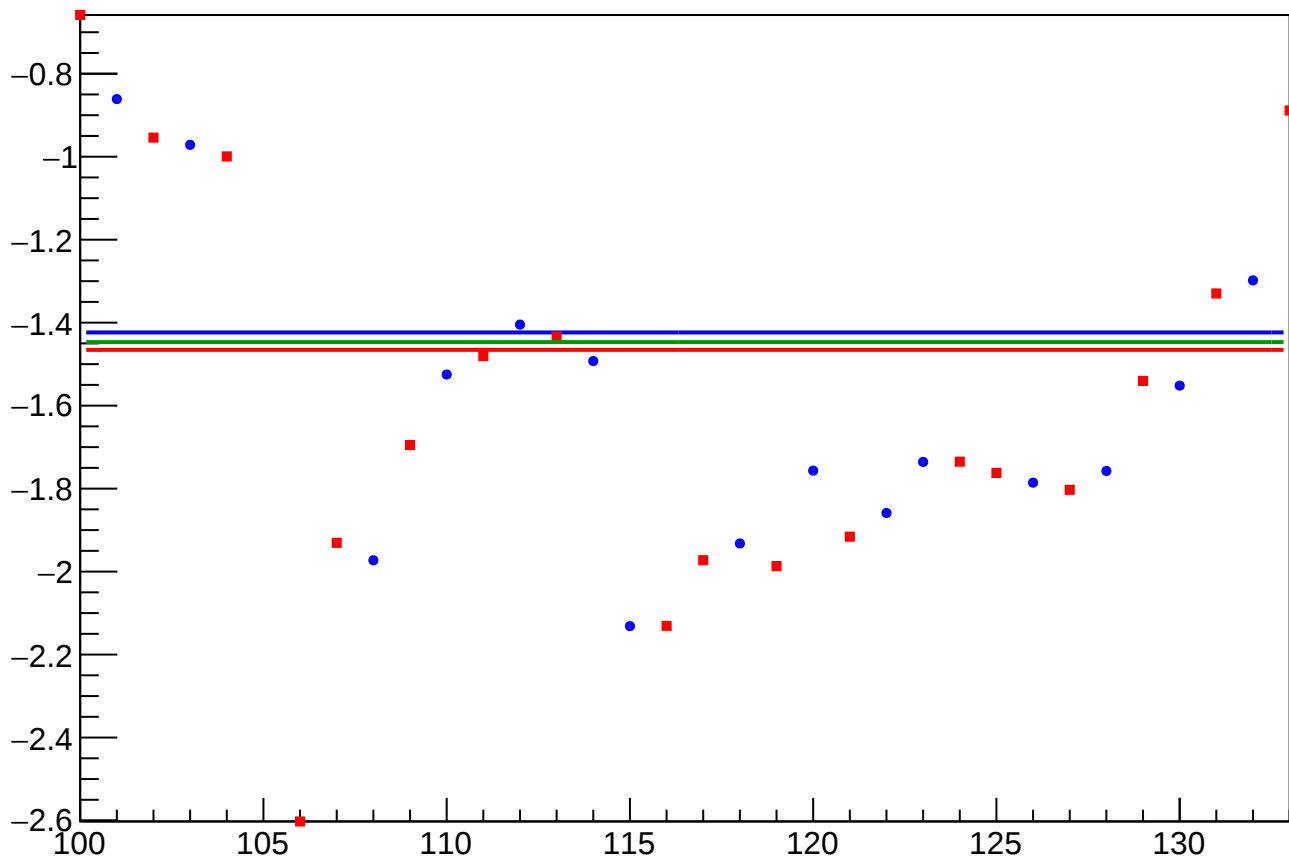
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 1154543.8/14

0.007+/-0.000 χ^2/NDF : 2128369.6/32

0.007+/-0.000 χ^2/NDF : 973013.1/17

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

Right Out: -1.466+/-0.000 χ^2/NDF : 27846952111.1/17

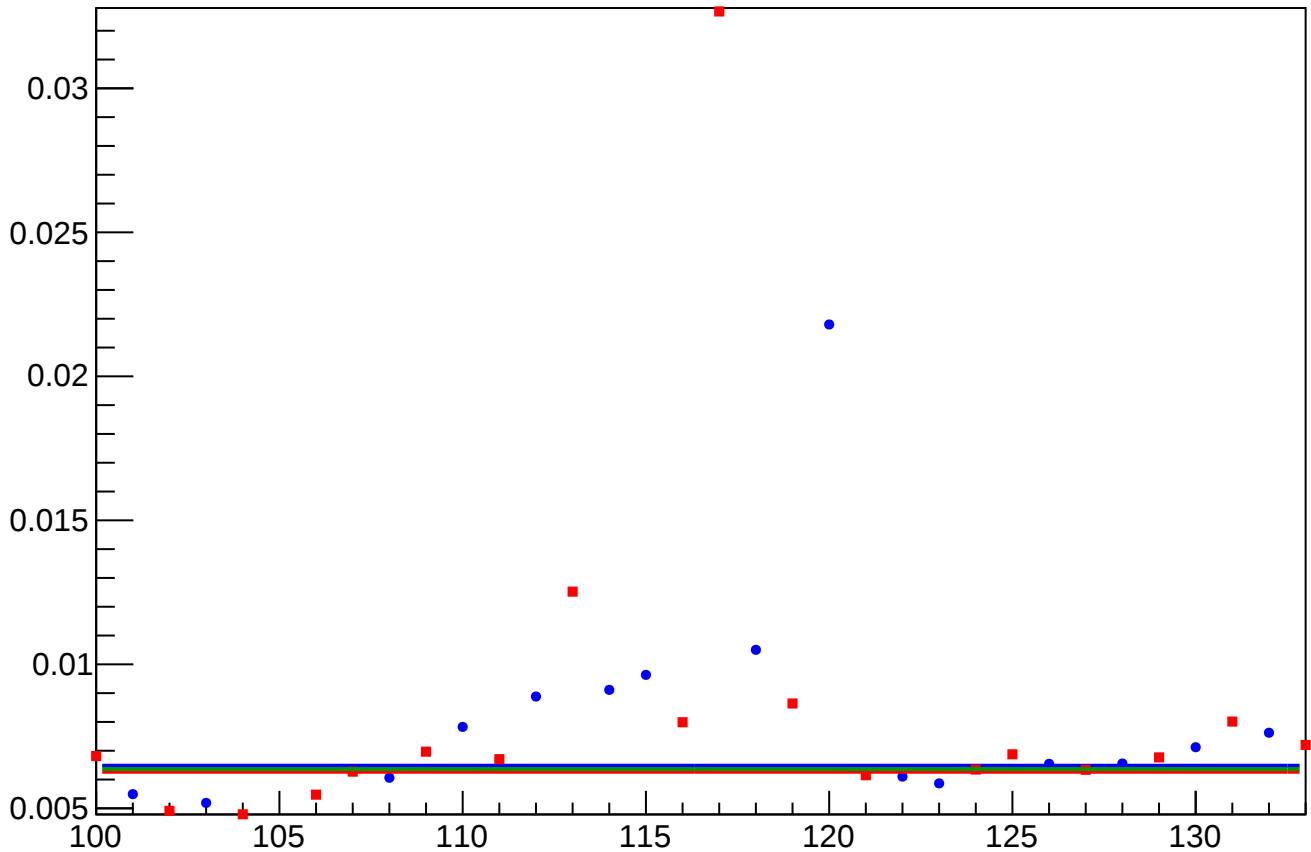
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.424+/-0.000 χ^2/NDF : 18541714582.6/14

-1.447+/-0.000 χ^2/NDF : 46494359918.7/3

-1.466+/-0.000 χ^2/NDF : 27846952111.1/17

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 : 468056.5/17

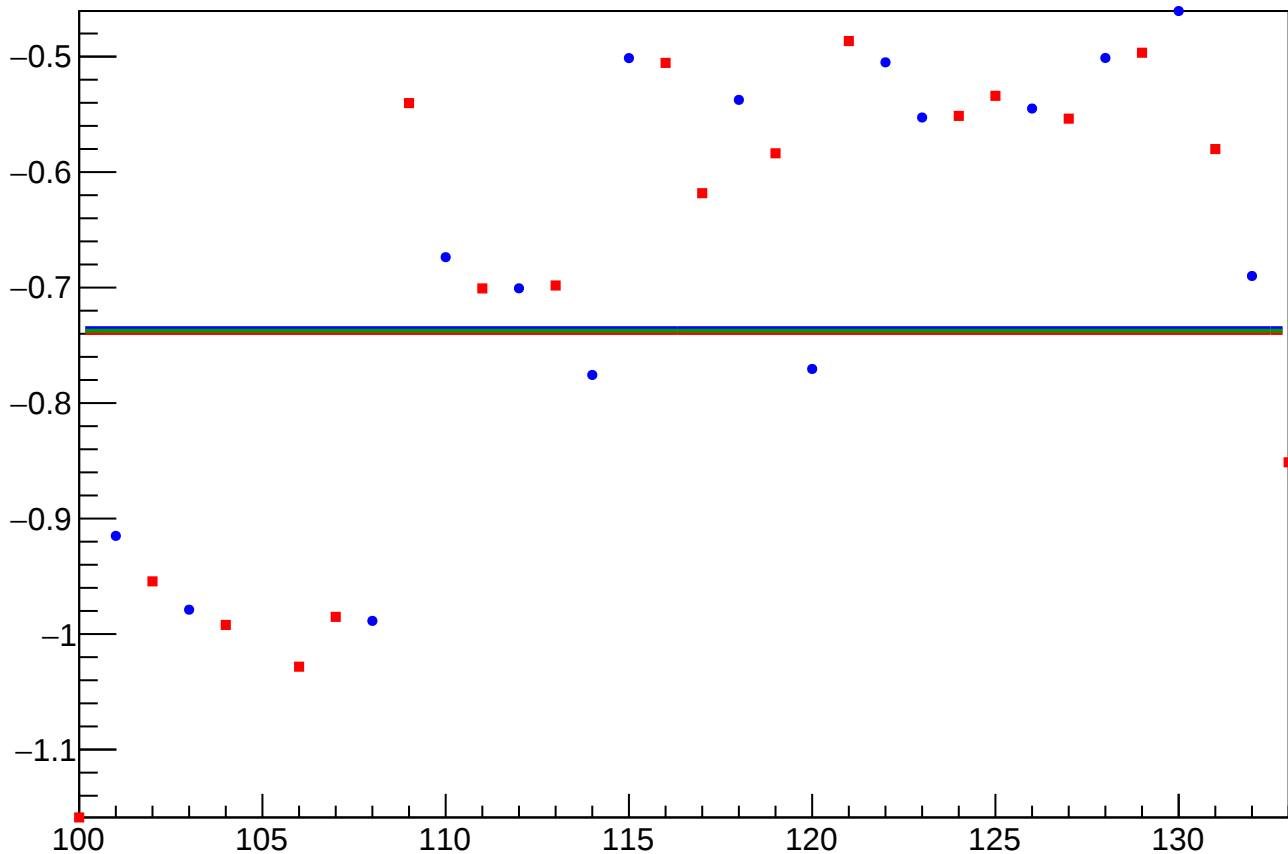
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 551117.2/14

0.006+/-0.000 χ^2/NDF : 1024362.5/32

0.006+/-0.000 χ^2/NDF : 468056.5/17

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: -0.739+/-0.000 χ^2/NDF : 8934217778.5/17

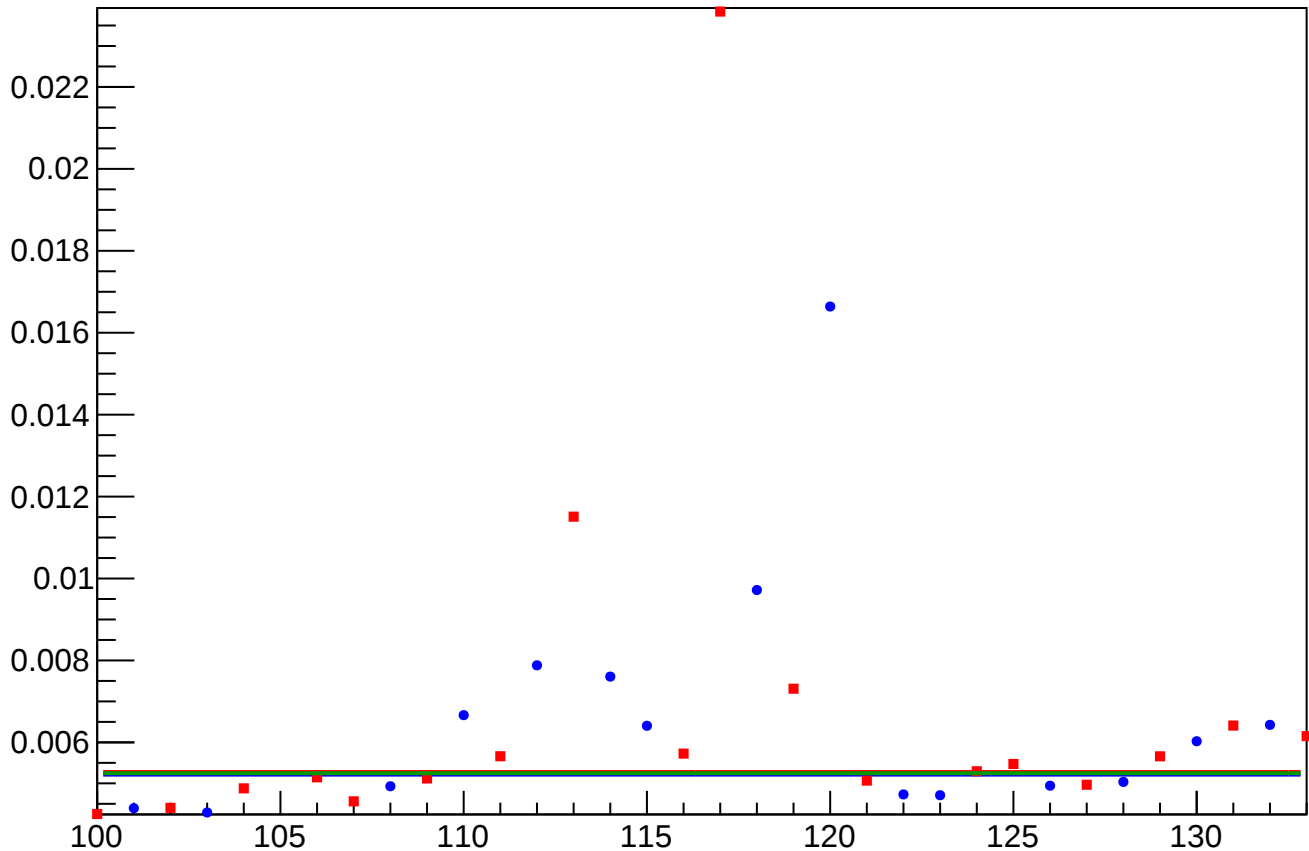
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.735+/-0.000 χ^2/NDF : 7348364402.8/14

-0.737+/-0.000 χ^2/NDF : 16284097125.5/3

-0.739+/-0.000 χ^2/NDF : 8934217778.5/17

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 : 384214.8/17

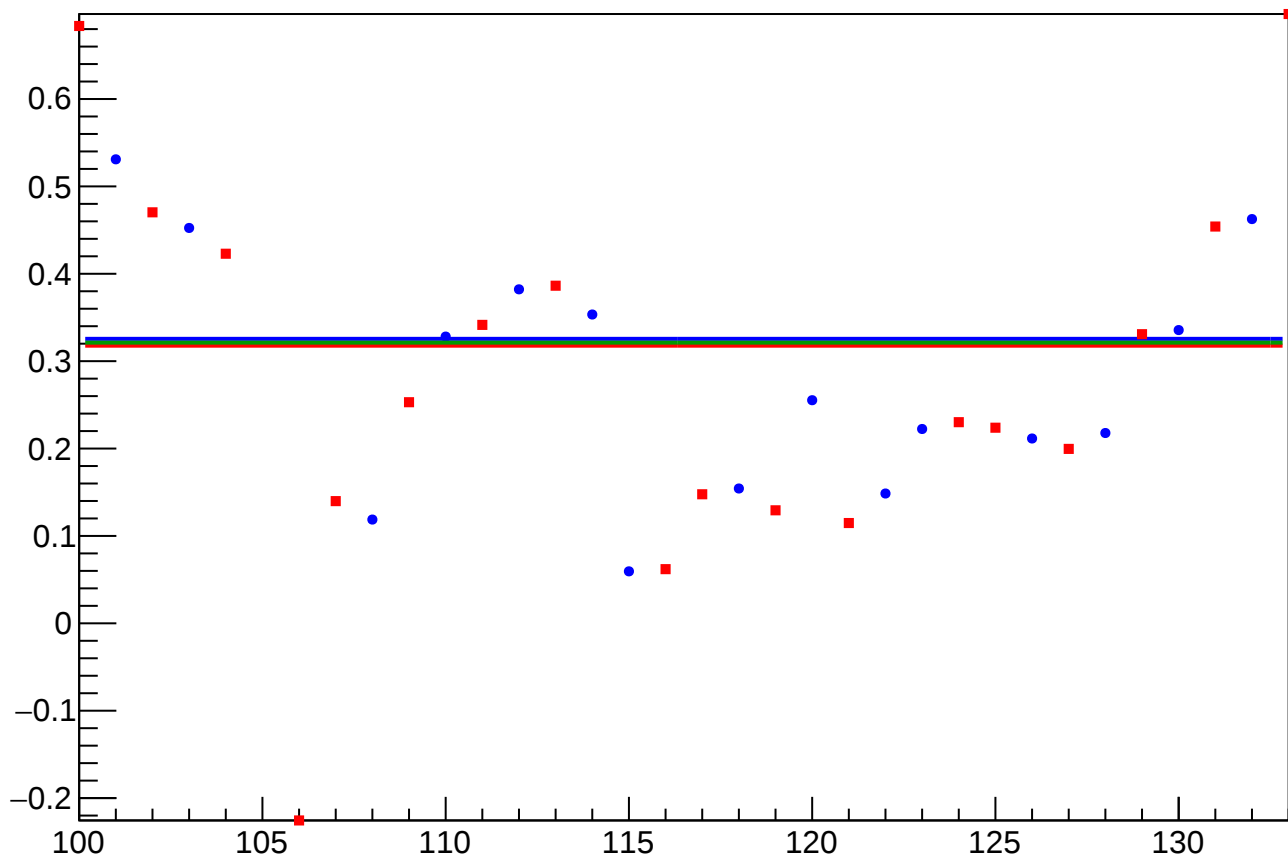
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 636060.3/14

0.005+/-0.000 χ^2/NDF : 1020982.8/32

0.005+/-0.000 χ^2/NDF : 384214.8/17

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

0.326+/-0.000 χ^2/NDF : 5789984462.6/14

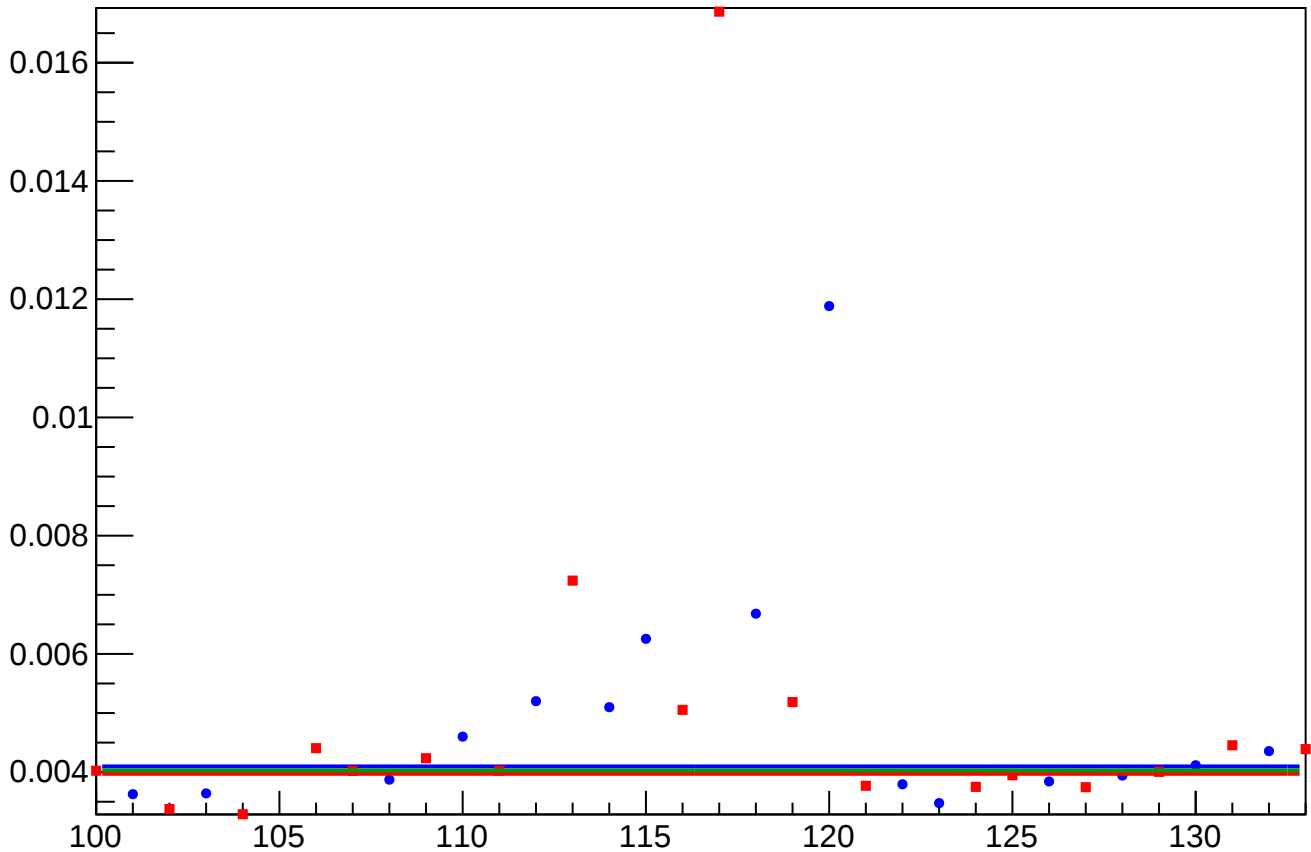
0.321+/-0.000 χ^2/NDF : 16922201430.0/3

Right Out: 0.318+/-0.000 χ^2/NDF : 11122665793.5/17

0.318+/-0.000 χ^2/NDF : 11122665793.5/17

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

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 : 300080.6/17

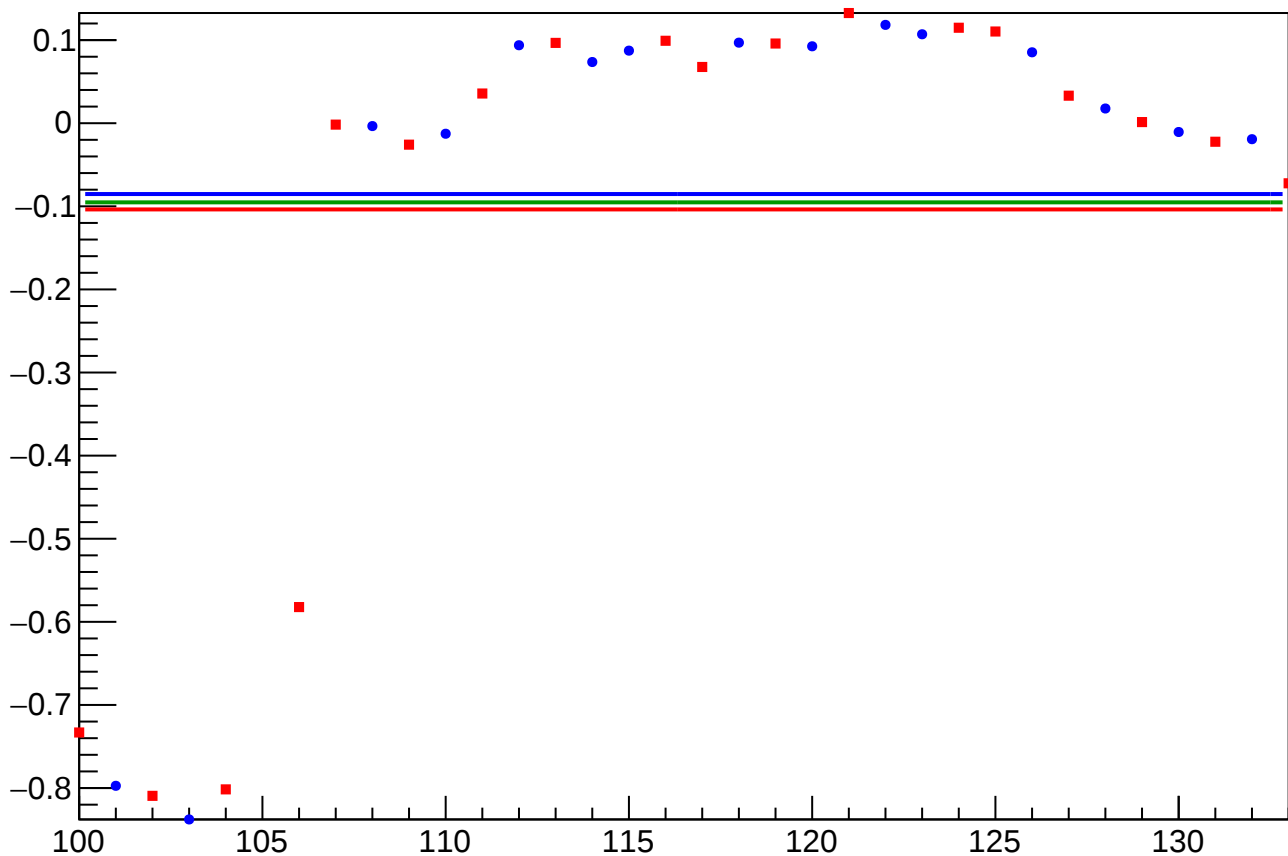
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 436948.7/14

0.004+/-0.000 χ^2/NDF : 741832.2/32

0.004+/-0.000 χ^2/NDF : 300080.6/17

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: -0.104+/-0.000 χ^2 /NDF: 5561794643.5/17

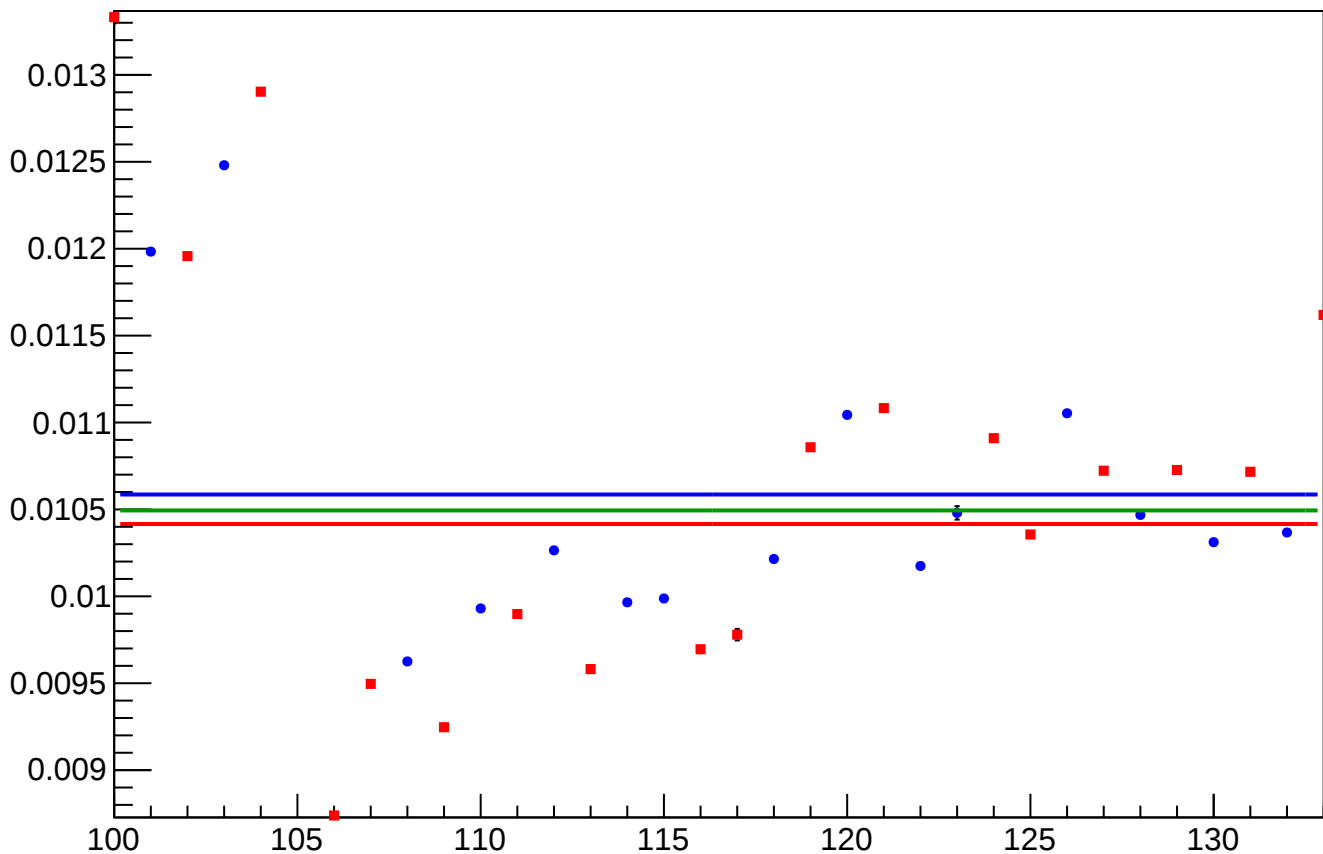
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.085+/-0.000 χ^2 /NDF: 4988075373.0/14

-0.095+/-0.000 χ^2 /NDF: 10559197711.4/3

-0.104+/-0.000 χ^2 /NDF: 5561794643.5/17

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 : 135272.4/17

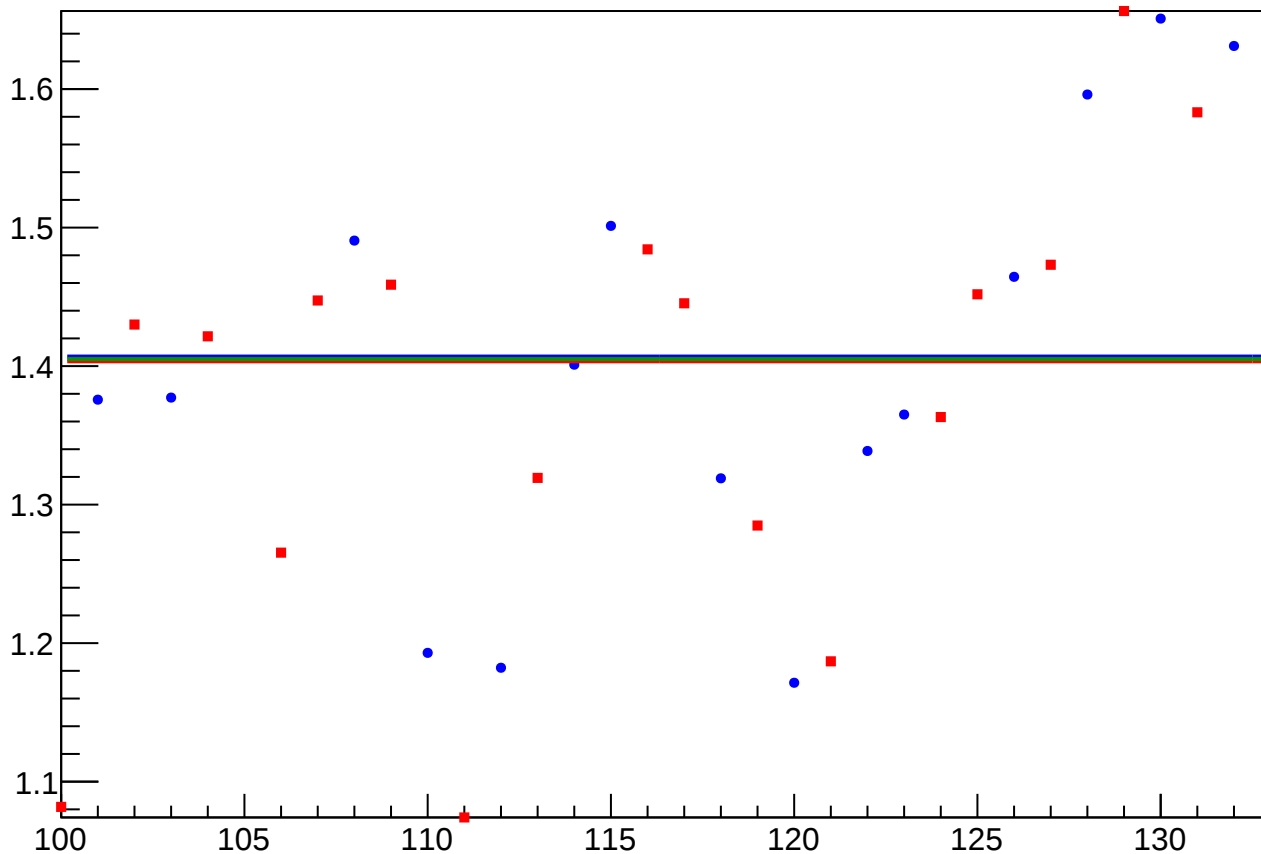
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 61679.1/14

0.010+/-0.000 χ^2/NDF : 198520.1/32

0.010+/-0.000 χ^2/NDF : 135272.4/17

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.407 $\pm$ 0.000 χ^2 /NDF: 2303416420.4/14

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

Right Out: 1.403 $\pm$ 0.000 χ^2 /NDF: 2332567441.6/17

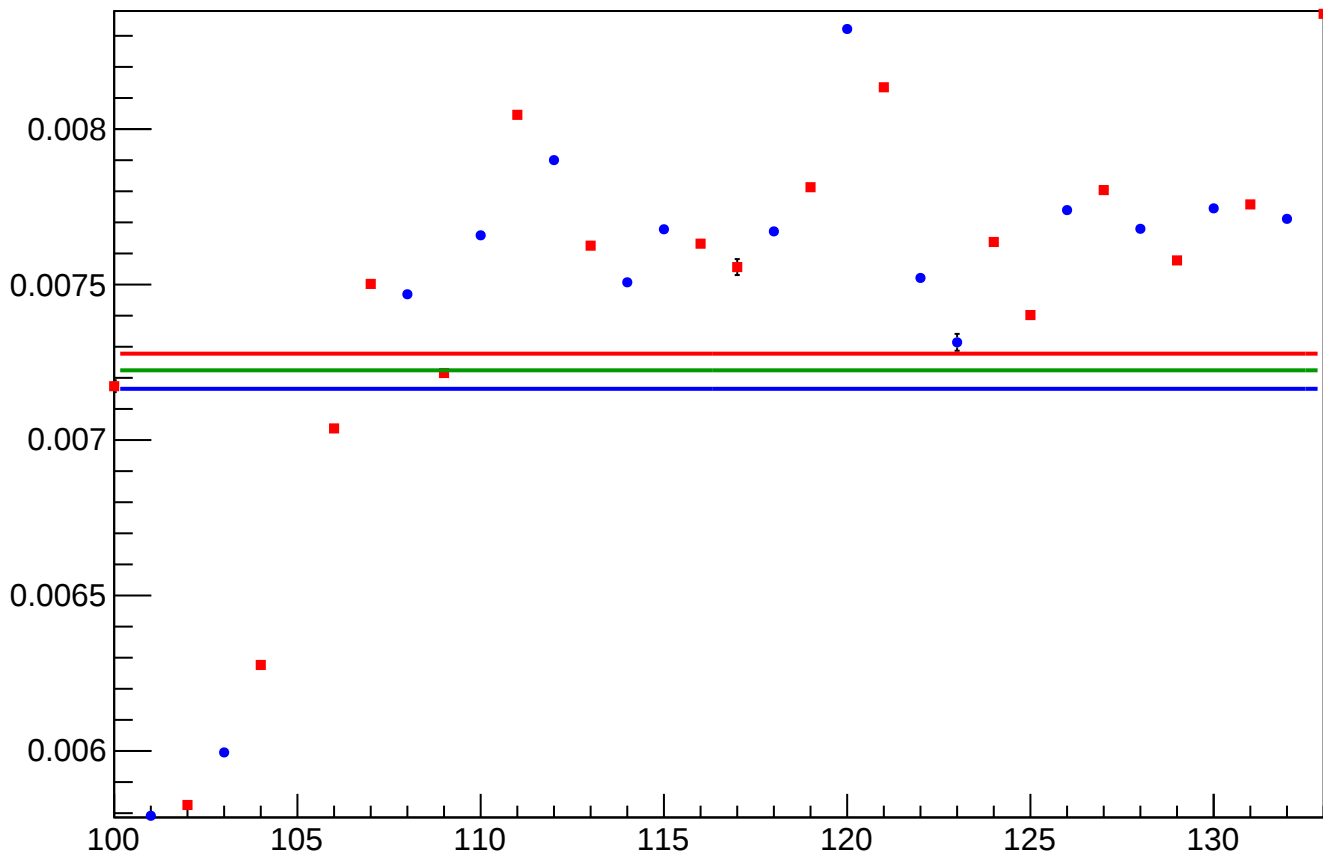
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.407 $\pm$ 0.000 χ^2 /NDF: 2303416420.4/14

1.405 $\pm$ 0.000 χ^2 /NDF: 4636655437.9/32

1.403 $\pm$ 0.000 χ^2 /NDF: 2332567441.6/17

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 : 141021.2/17

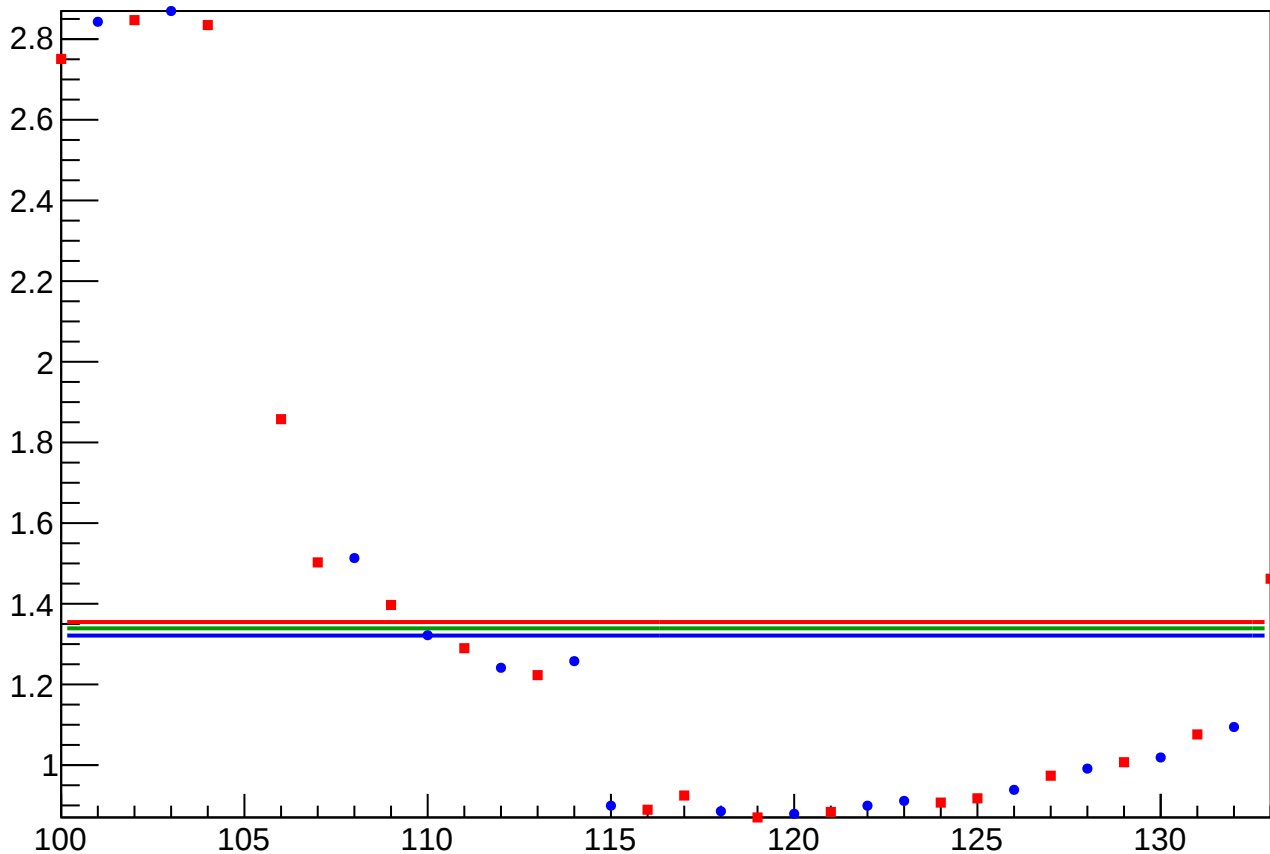
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 159257.7/14

0.007+/-0.000 χ^2/NDF : 301745.0/32

0.007+/-0.000 χ^2/NDF : 141021.2/17

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: 1.355+/-0.000 χ^2/NDF : 48160194441.8/17

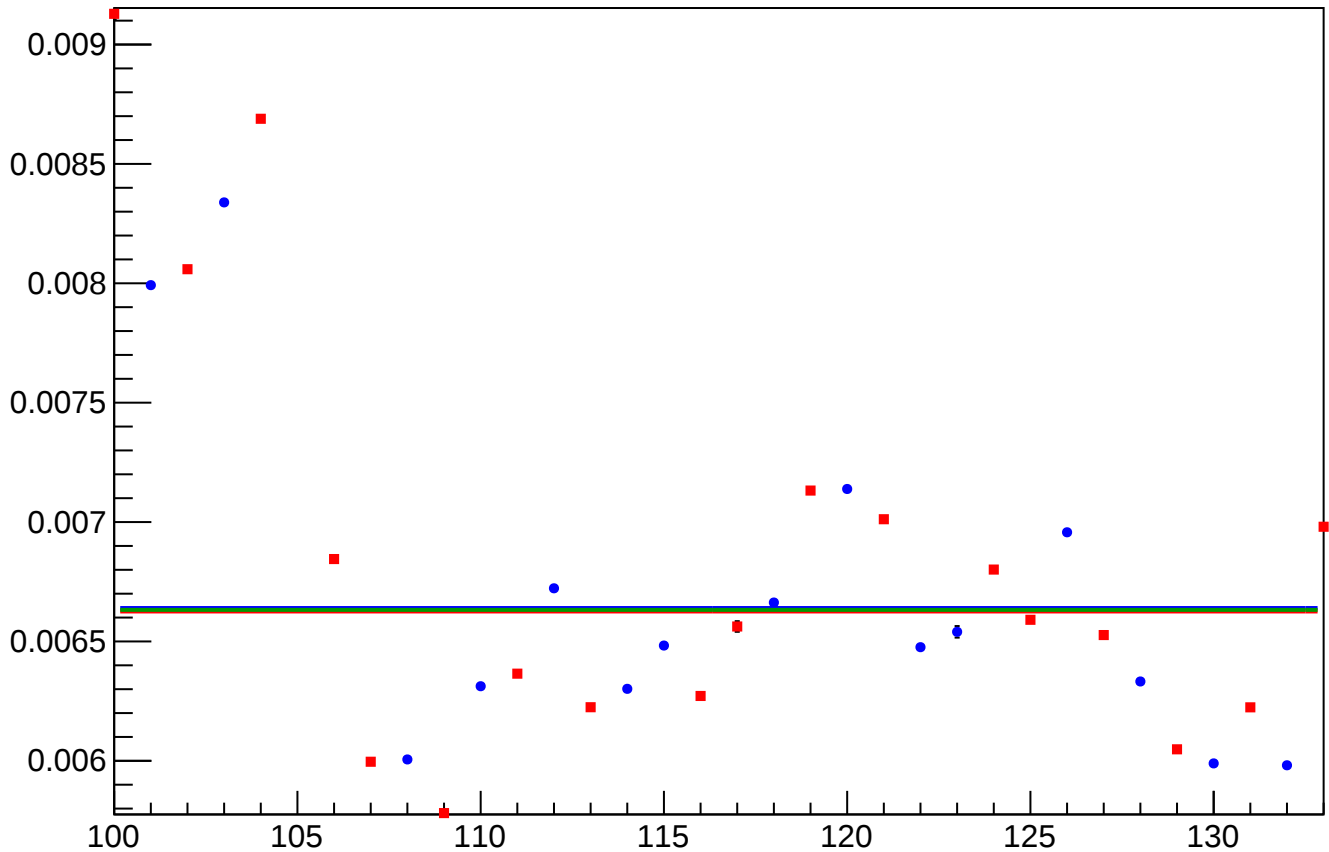
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.321+/-0.000 χ^2/NDF : 51511112361.4/14

1.339+/-0.000 χ^2/NDF : 99747629600.4/3

1.355+/-0.000 χ^2/NDF : 48160194441.8/17

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 : 158496.1/17

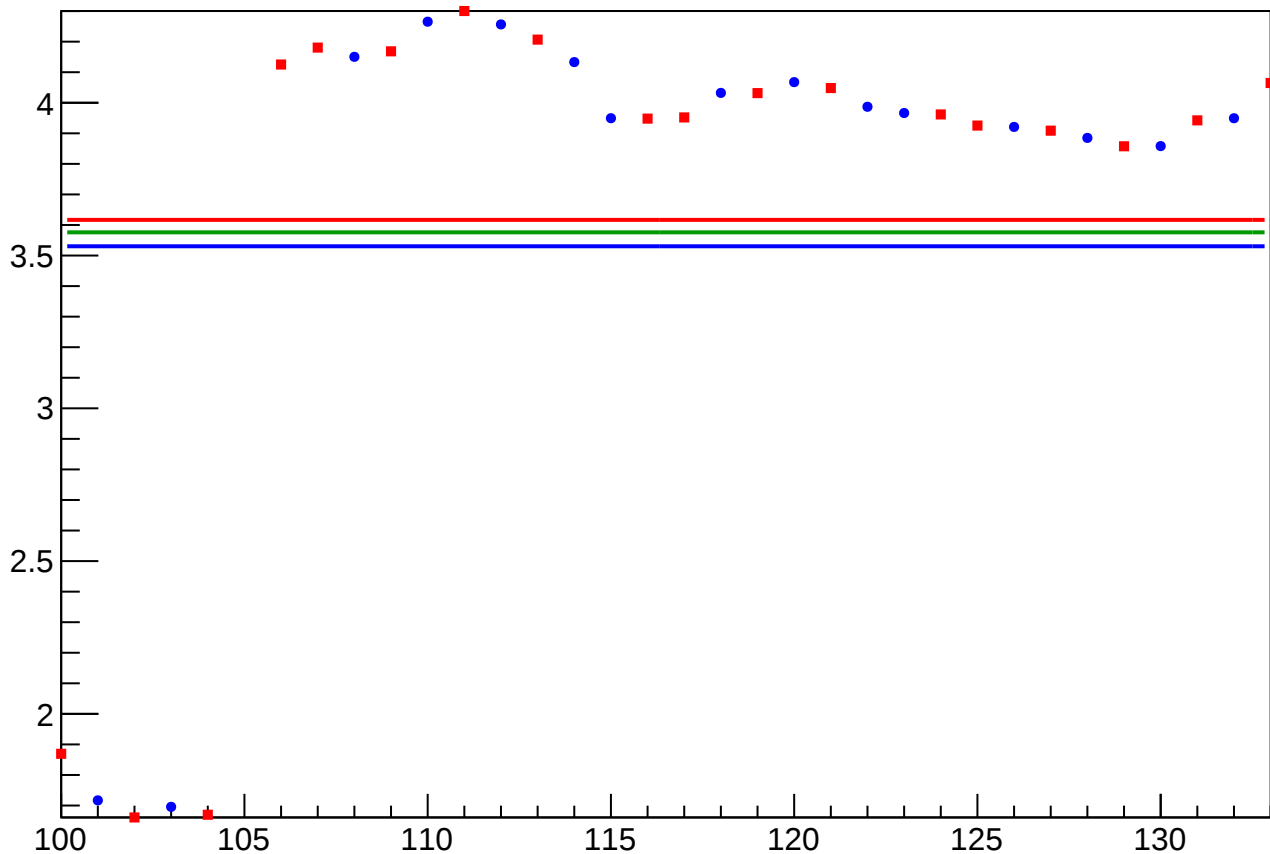
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 121385.4/14

0.007+/-0.000 χ^2/NDF : 279909.5/32

0.007+/-0.000 χ^2/NDF : 158496.1/17

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

3.530+/-0.000 χ^2/NDF : 178186766241.8/14

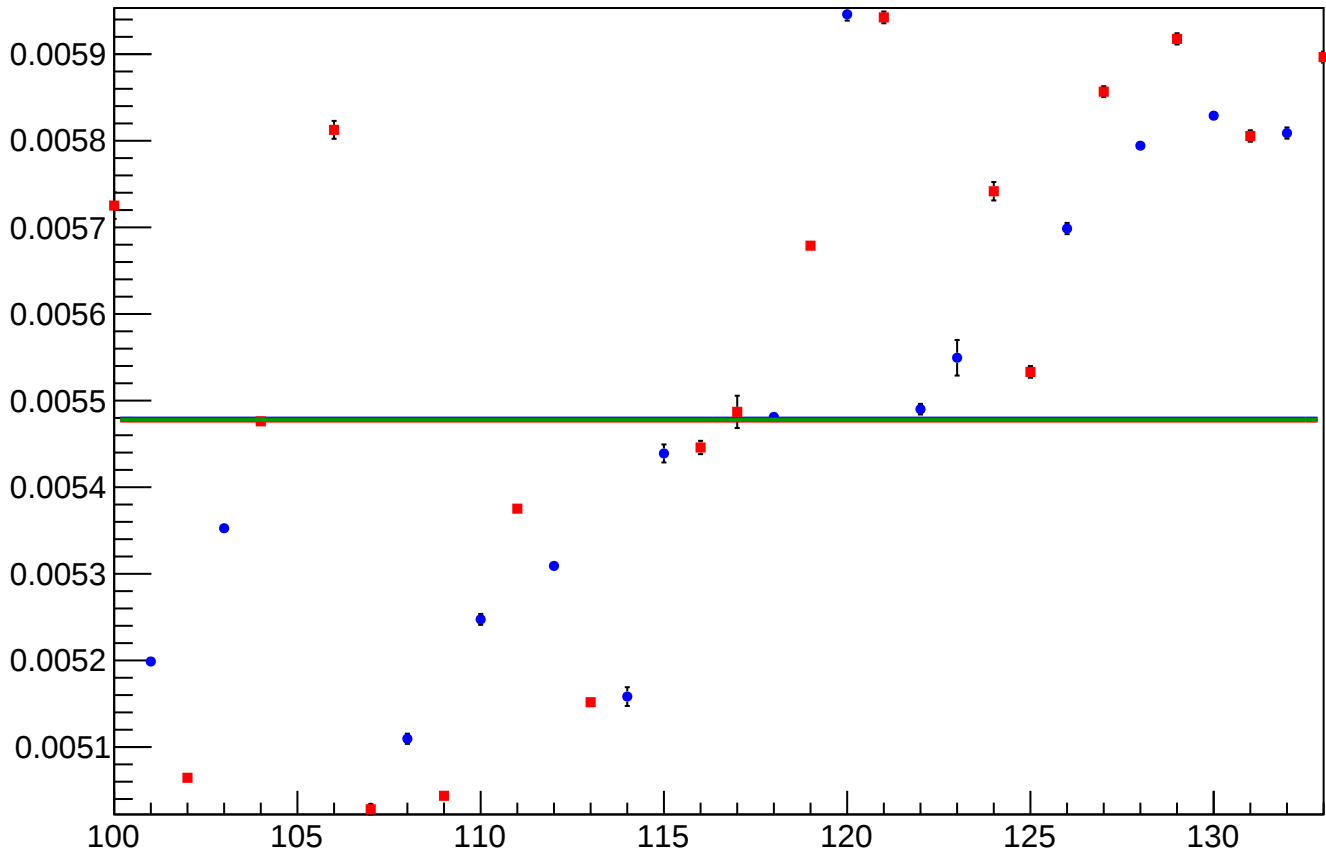
Right Out: 3.617+/-0.000 χ^2/NDF : 187241424842.7/17

3.576+/-0.000 χ^2/NDF : 366172833094.2/17

3.617+/-0.000 χ^2/NDF : 187241424842.7/17

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

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 : 47559.0/17

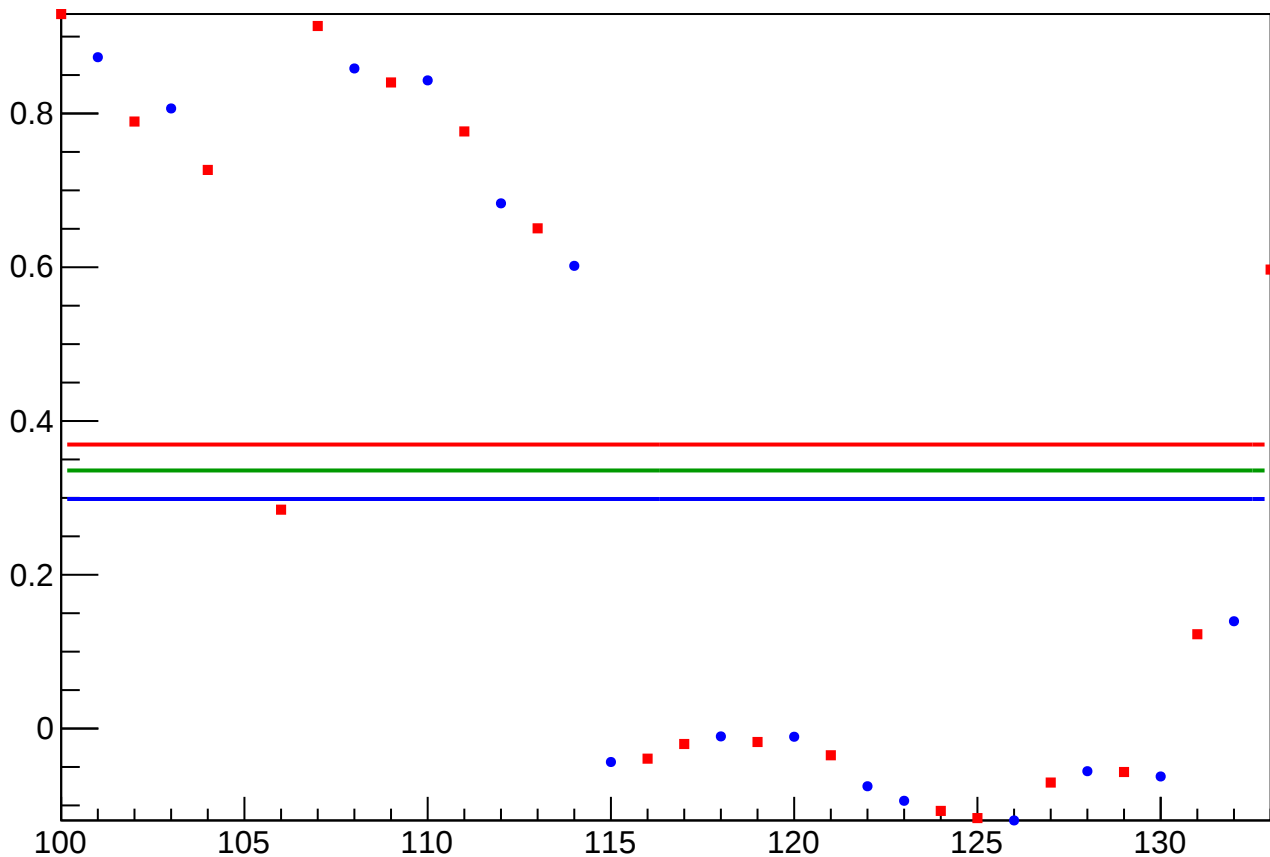
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 25774.1/14

0.005+/-0.000 χ^2/NDF : 73334.2/32

0.005+/-0.000 χ^2/NDF : 47559.0/17

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: 0.369+/-0.000 χ^2/NDF : 5136490470.7/17

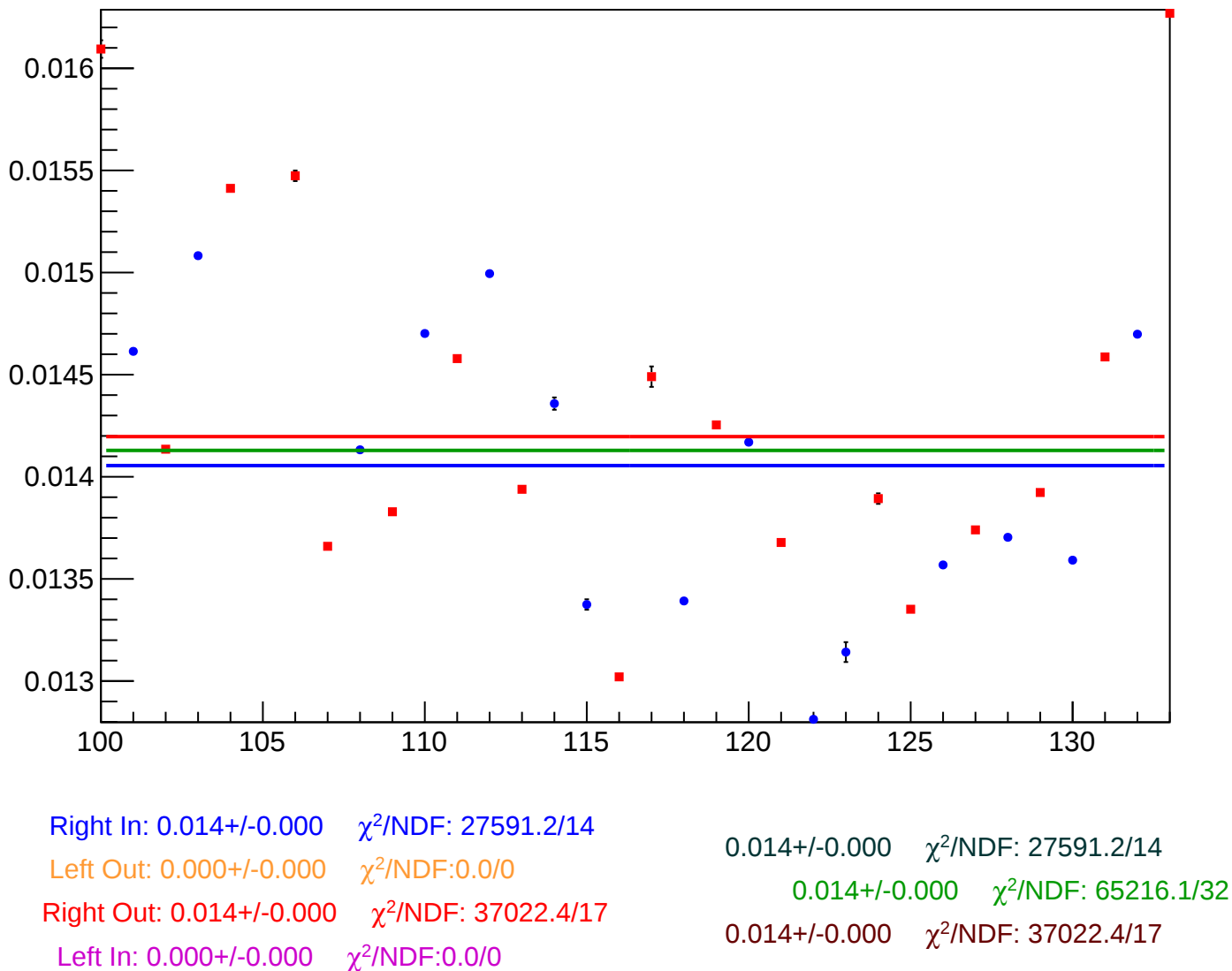
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.299+/-0.000 χ^2/NDF : 4963185987.8/14

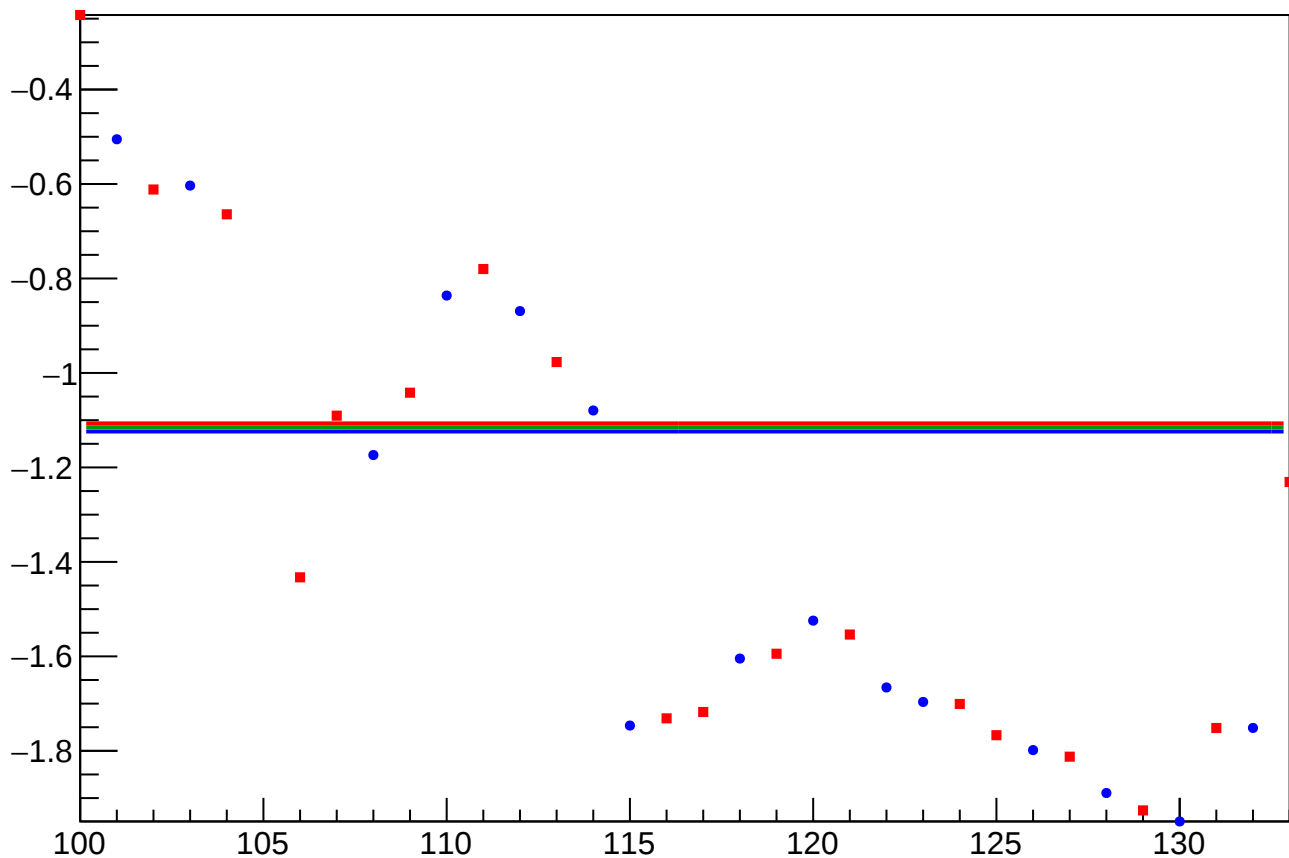
0.336+/-0.000 χ^2/NDF : 10174842540.8/3

0.369+/-0.000 χ^2/NDF : 5136490470.7/17

yield_bpm1i06X_rms vs Slug, Sign Corrected



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: -1.107+/-0.000 χ^2/NDF : 44158700589.4/17

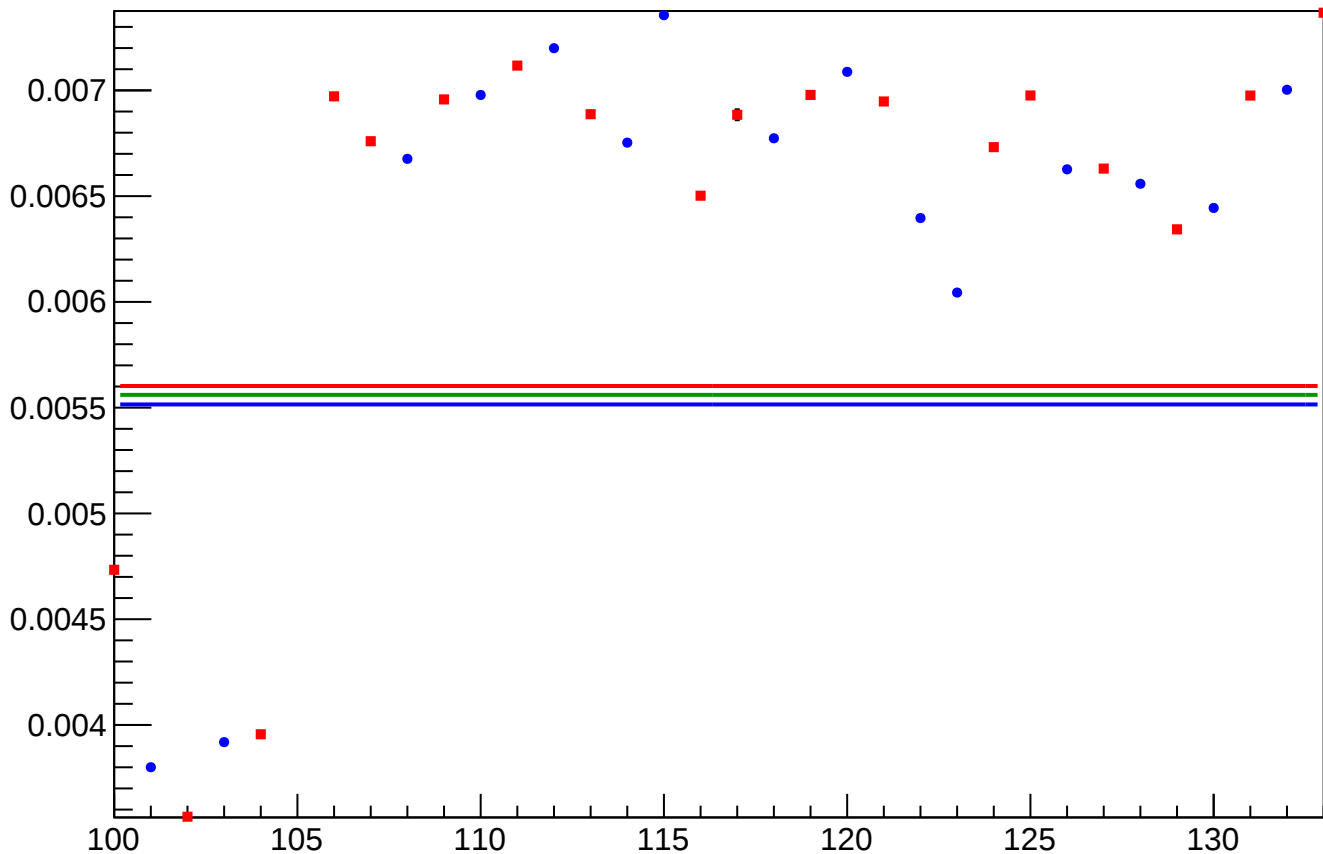
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.124+/-0.000 χ^2/NDF : 53455300376.5/14

-1.115+/-0.000 χ^2/NDF : 97639303662.2/17

-1.107+/-0.000 χ^2/NDF : 44158700589.4/17

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 : 848552.8/17

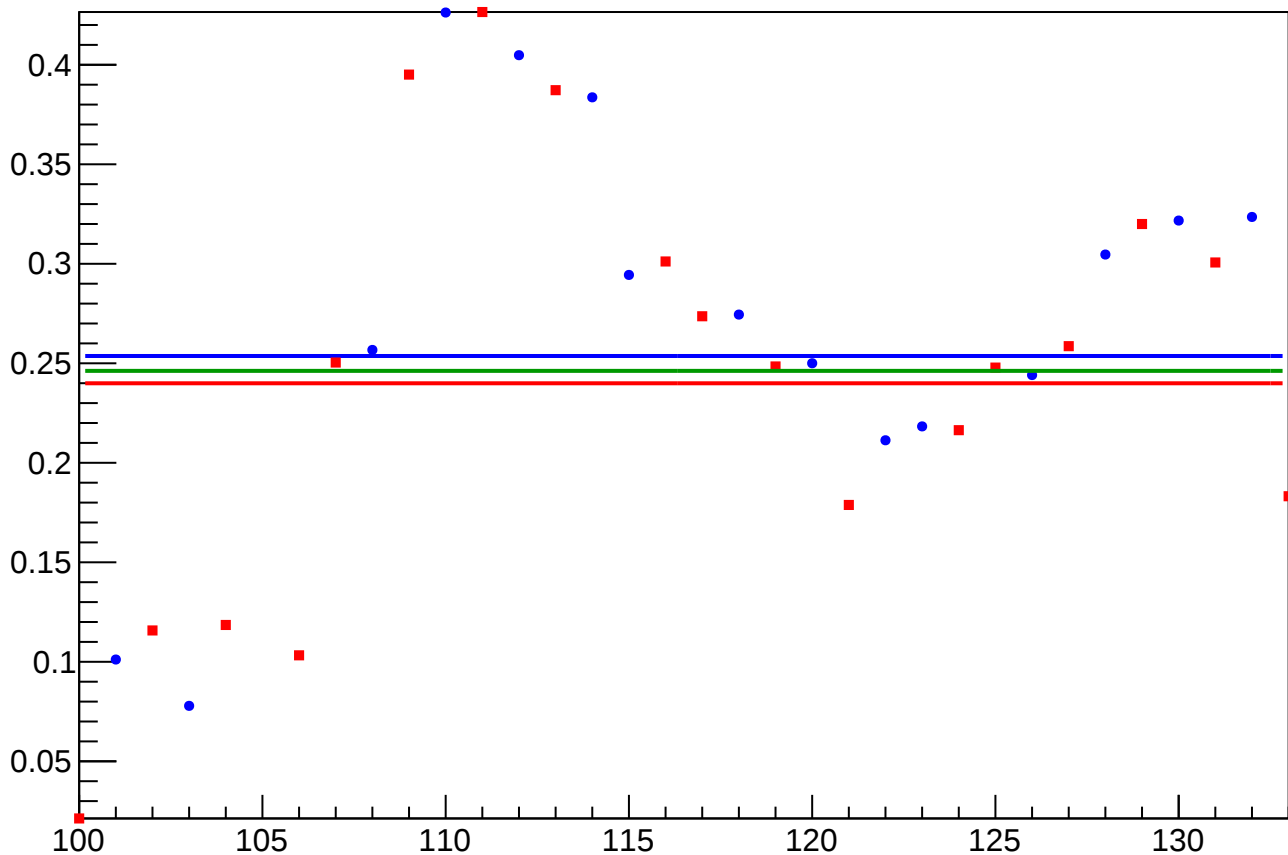
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 688883.5/14

0.006+/-0.000 χ^2/NDF : 1538738.5/32

0.006+/-0.000 χ^2/NDF : 848552.8/17

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: 0.240+/-0.000 χ^2/NDF : 25900894154.1/17

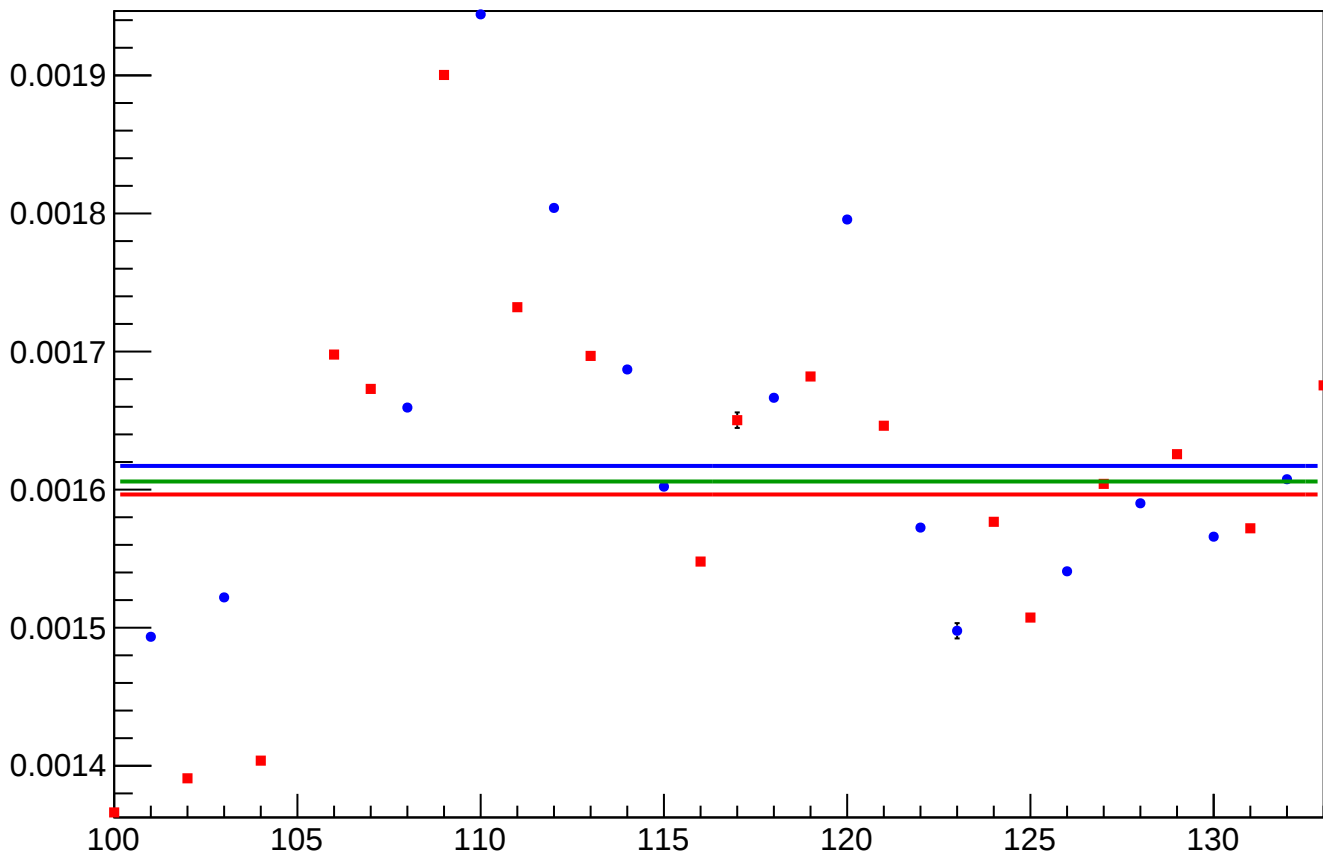
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.254+/-0.000 χ^2/NDF : 21055187906.2/14

0.246+/-0.000 χ^2/NDF : 47168589181.7/3

0.240+/-0.000 χ^2/NDF : 25900894154.1/17

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 : 90463.7/17

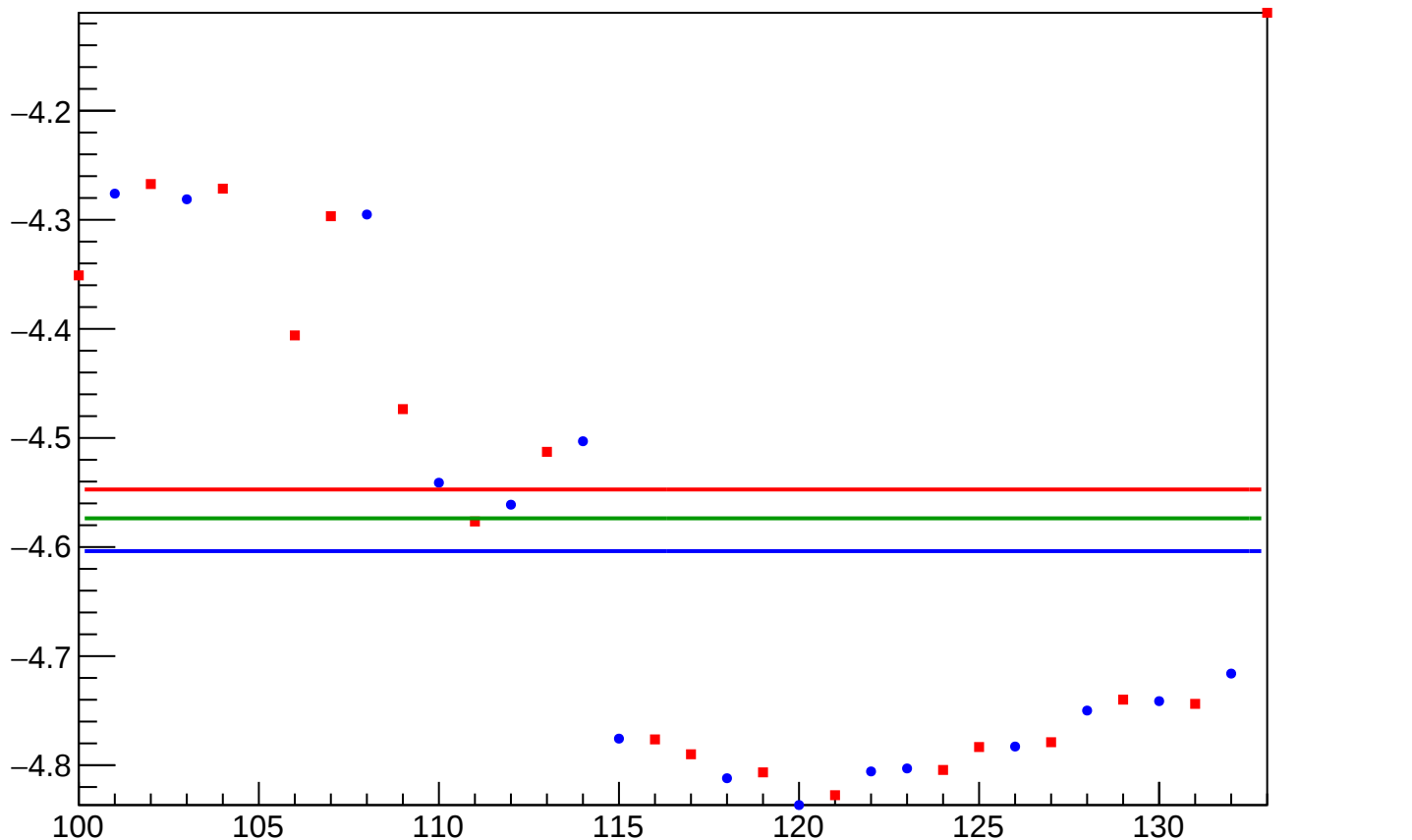
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 50995.3/14

0.002+/-0.000 χ^2/NDF : 142425.3/32

0.002+/-0.000 χ^2/NDF : 90463.7/17

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: -4.547+/-0.000 χ^2/NDF : 103073454223.4/17

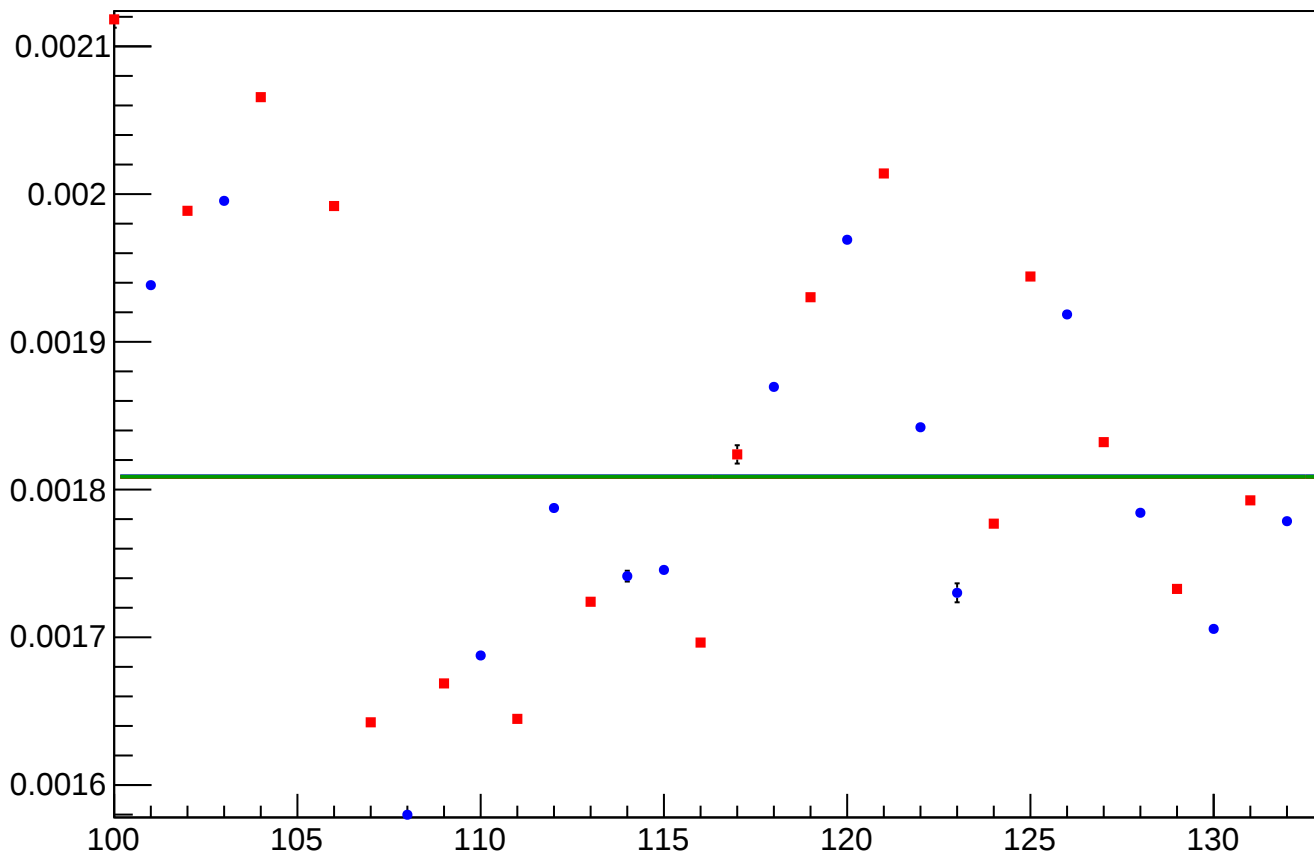
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.604+/-0.000 χ^2/NDF : 75193270039.1/14

-4.574+/-0.000 χ^2/NDF : 181131268863.9

-4.547+/-0.000 χ^2/NDF : 103073454223.4/17

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 : 77304.7/17

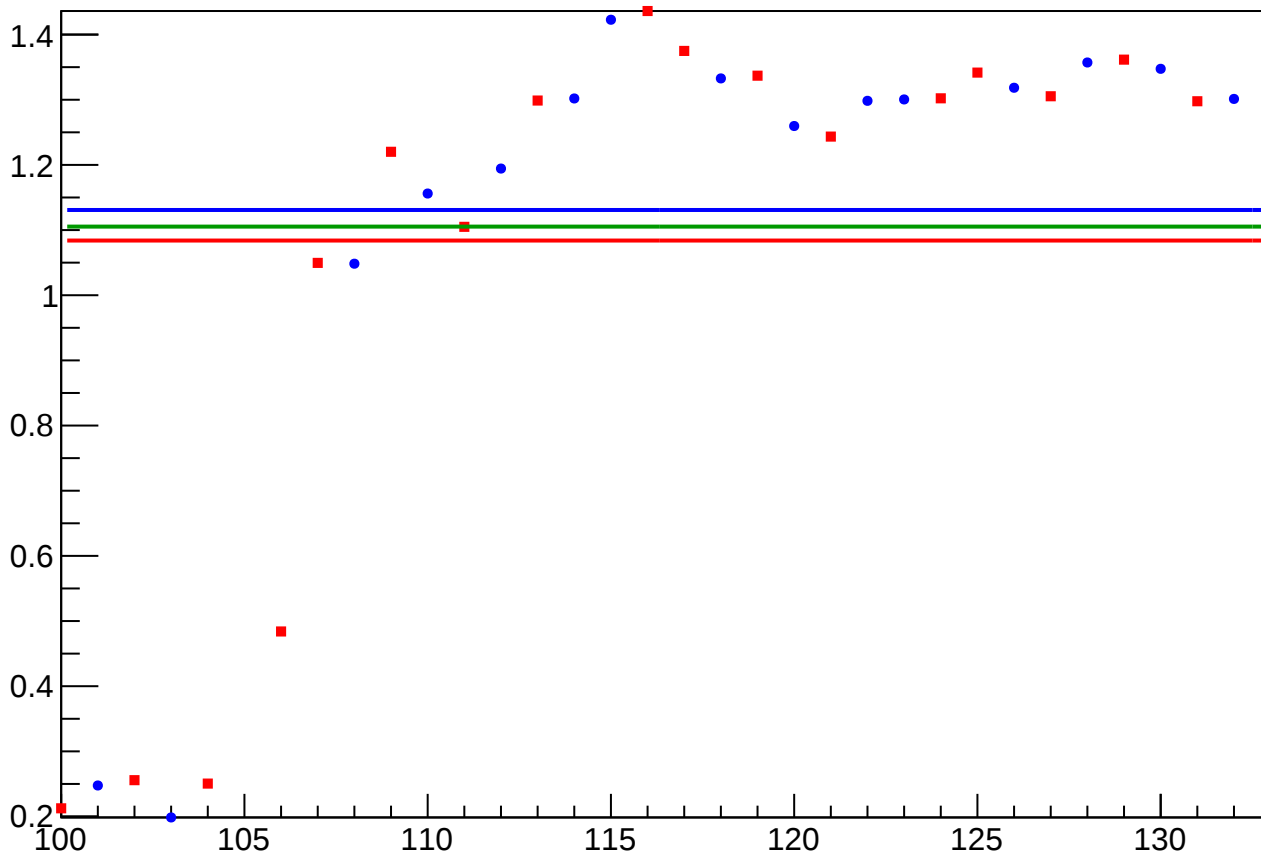
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 47213.2/14

0.002+/-0.000 χ^2/NDF : 124518.1/32

0.002+/-0.000 χ^2/NDF : 77304.7/17

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: 1.084+/-0.000 χ^2/NDF : 17242004741.8/17

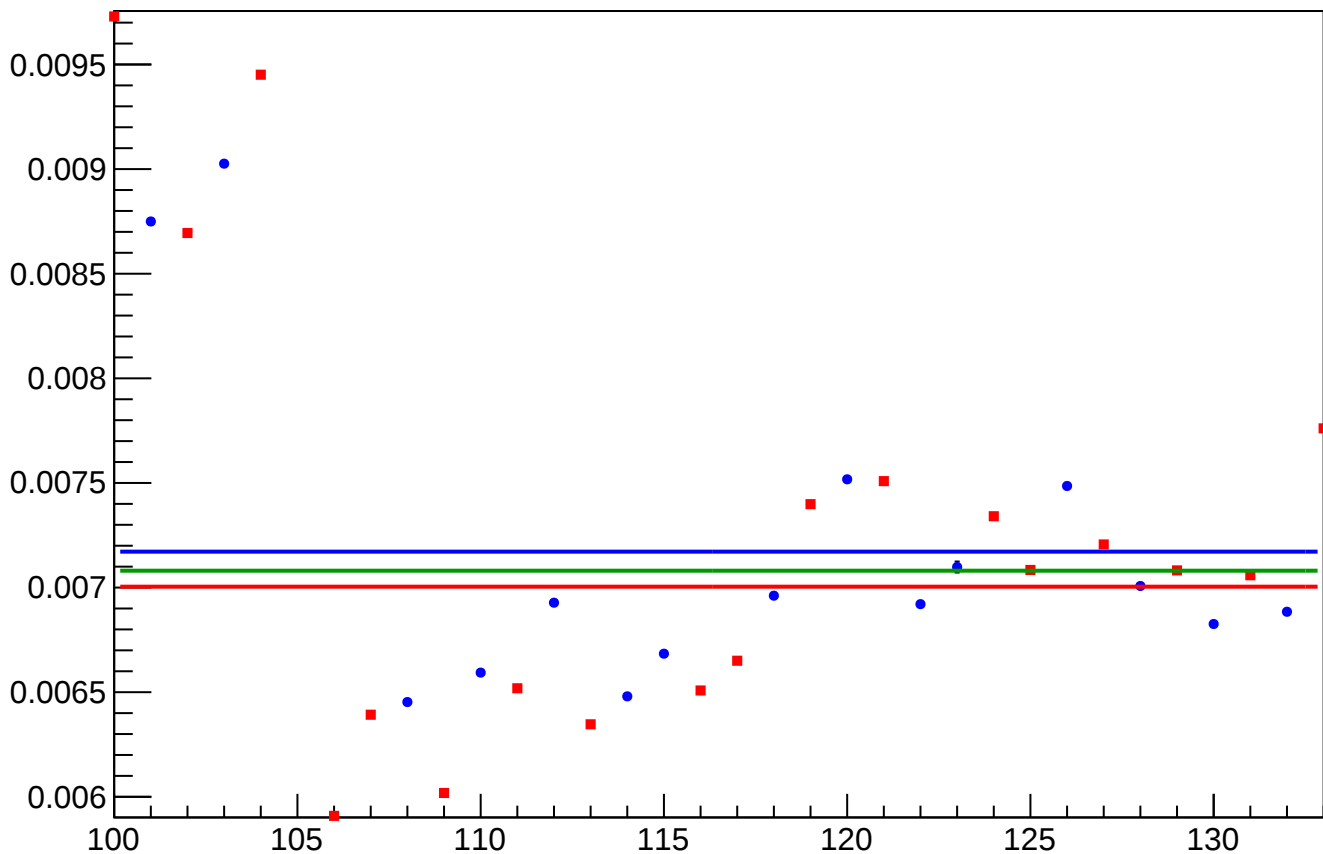
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.131+/-0.000 χ^2/NDF : 14755340272.6/14

1.105+/-0.000 χ^2/NDF : 32127860550.7/3

1.084+/-0.000 χ^2/NDF : 17242004741.8/17

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 115044.2/14

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

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 206766.7/17

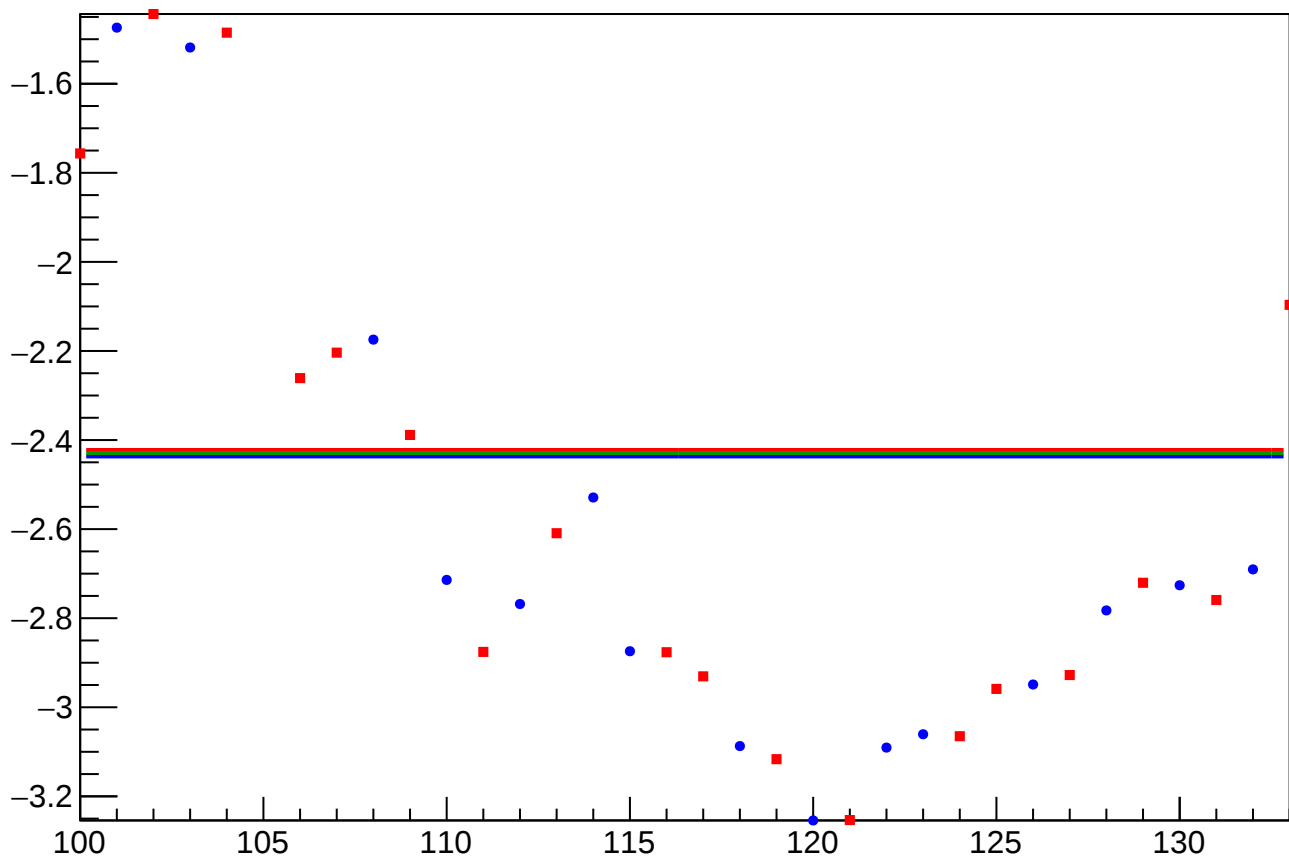
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.007 $\pm$ 0.000 χ^2/NDF : 115044.2/14

0.007 $\pm$ 0.000 χ^2/NDF : 325140.0/32

0.007 $\pm$ 0.000 χ^2/NDF : 206766.7/17

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: -2.422+/-0.000 χ^2/NDF : 50402375041.1/17

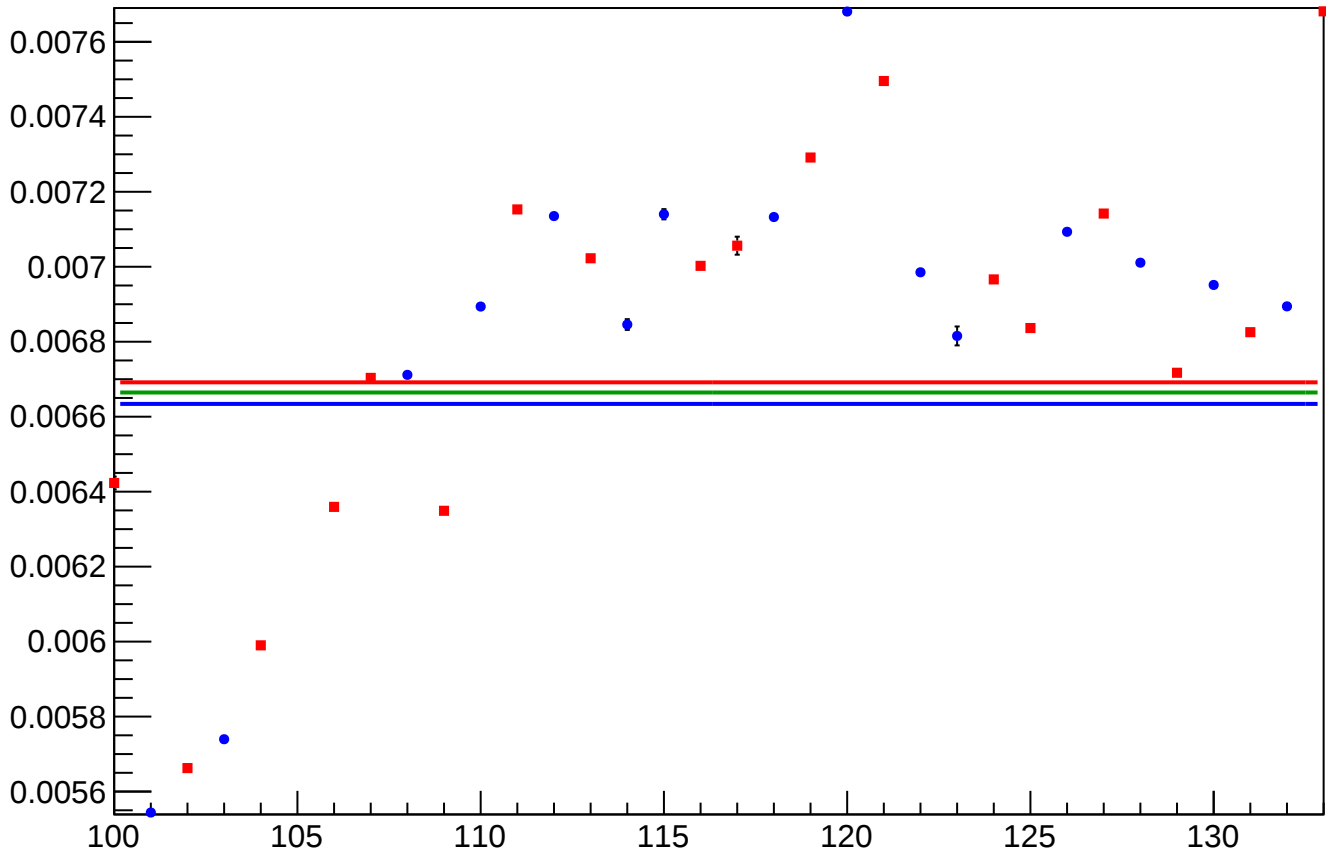
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.437+/-0.000 χ^2/NDF : 51235295098.5/14

-2.429+/-0.000 χ^2/NDF : 101651805752.3

-2.422+/-0.000 χ^2/NDF : 50402375041.1/17

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 : 95685.1/17

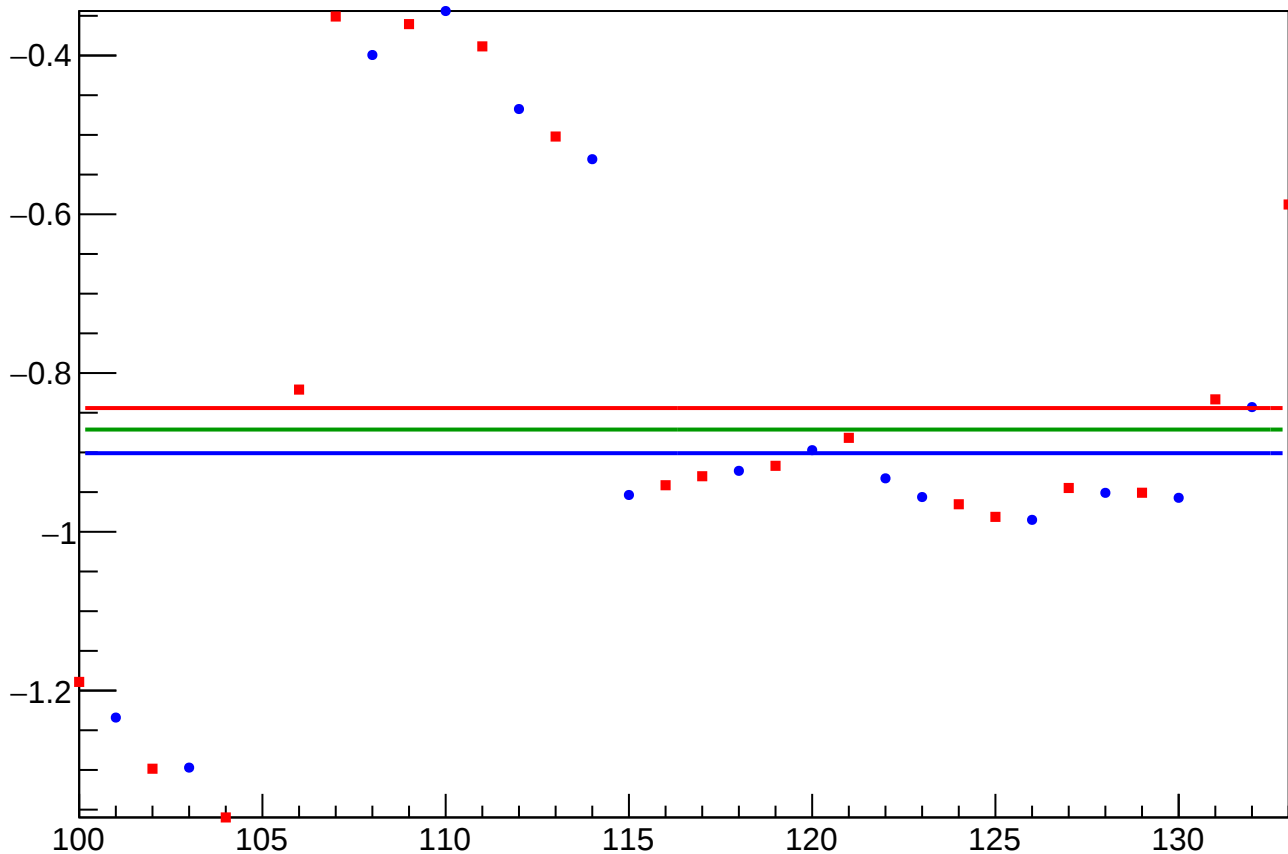
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 108821.9/14

0.007+/-0.000 χ^2/NDF : 204956.0/32

0.007+/-0.000 χ^2/NDF : 95685.1/17

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.901+/-0.000 χ^2/NDF : 3926922228.8/14

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

Right Out: -0.844+/-0.000 χ^2/NDF : 5842455066.4/17

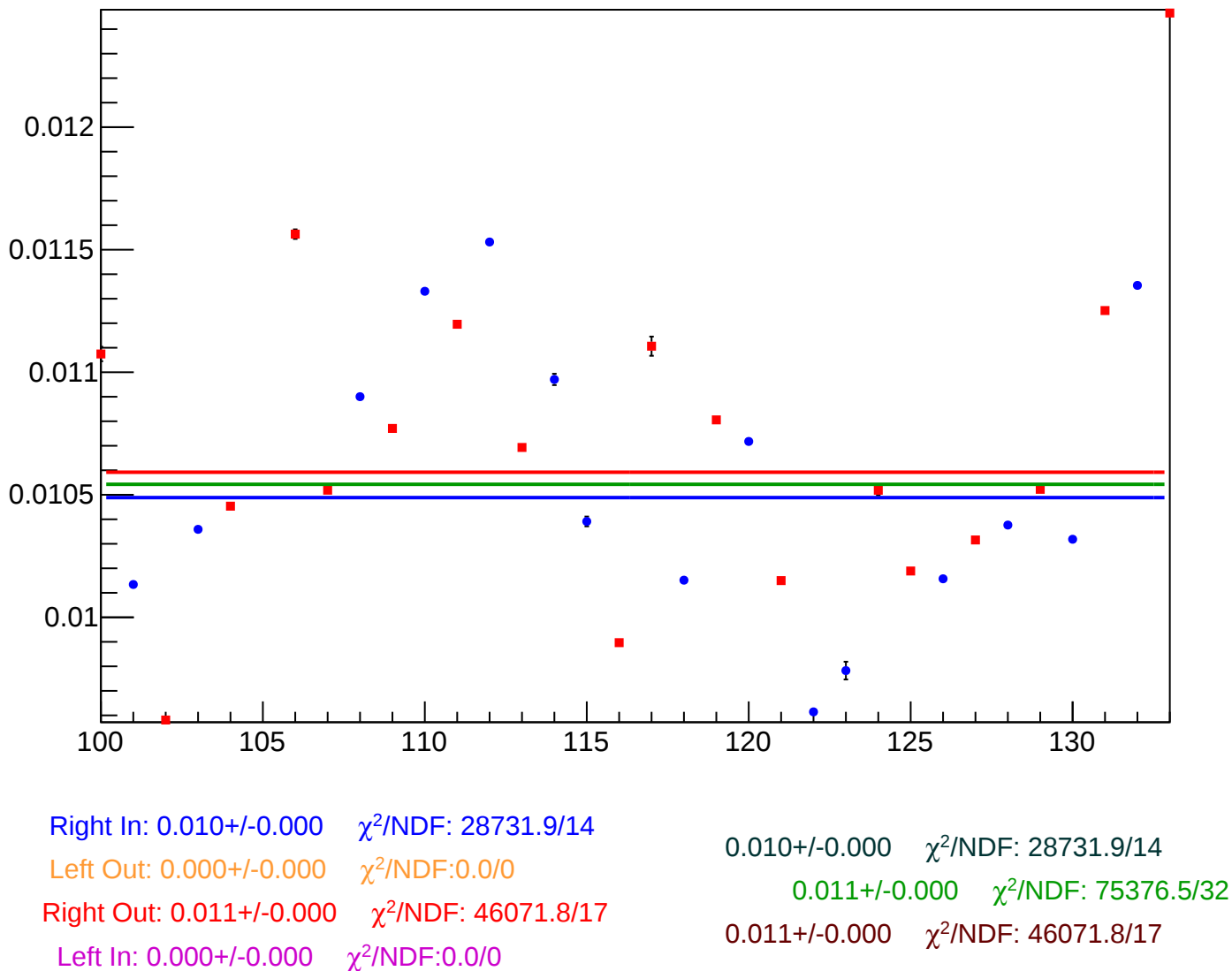
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.901+/-0.000 χ^2/NDF : 3926922228.8/14

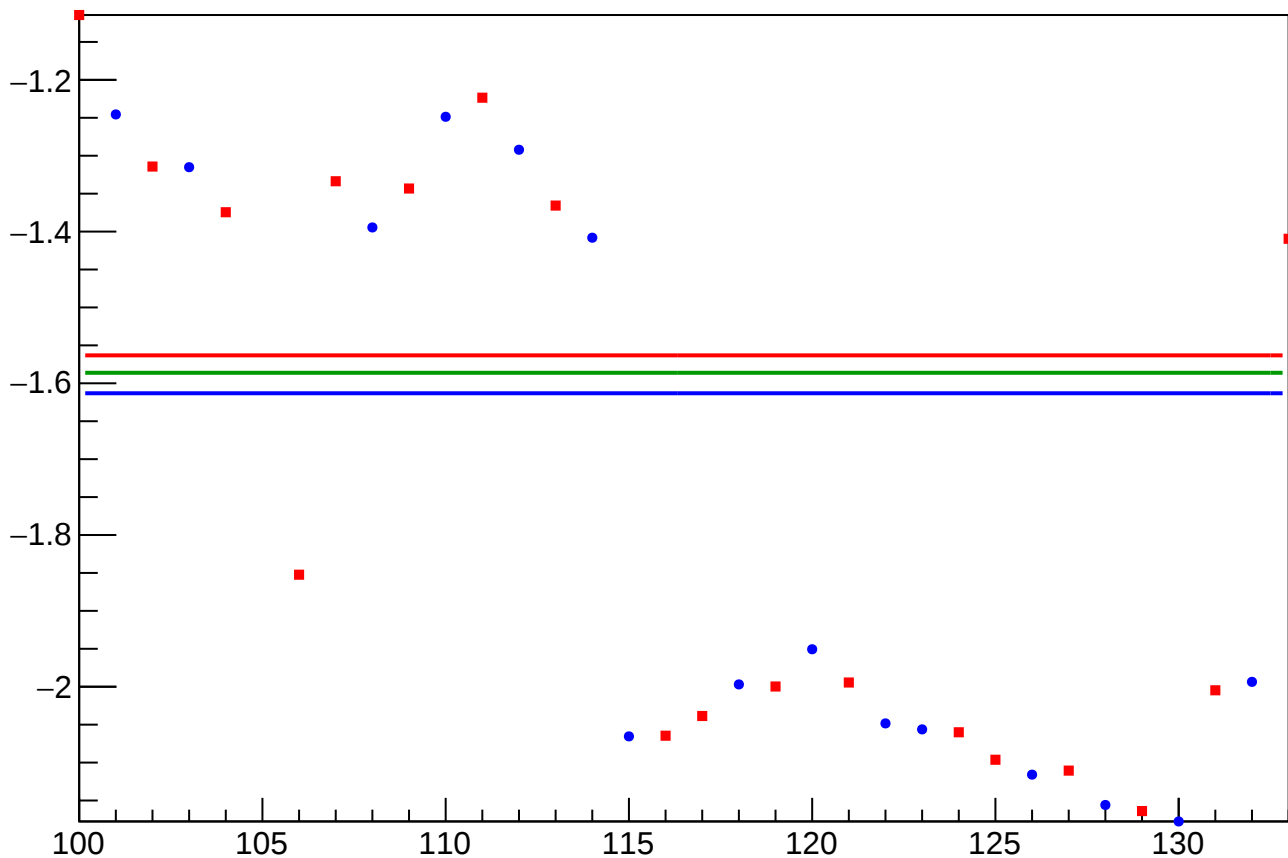
-0.871+/-0.000 χ^2/NDF : 9855662527.7/3

-0.844+/-0.000 χ^2/NDF : 5842455066.4/17

yield_bpm0i01X_rms vs Slug, Sign Corrected



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

-1.613+/-0.000 χ^2/NDF : 120373837188.0/14

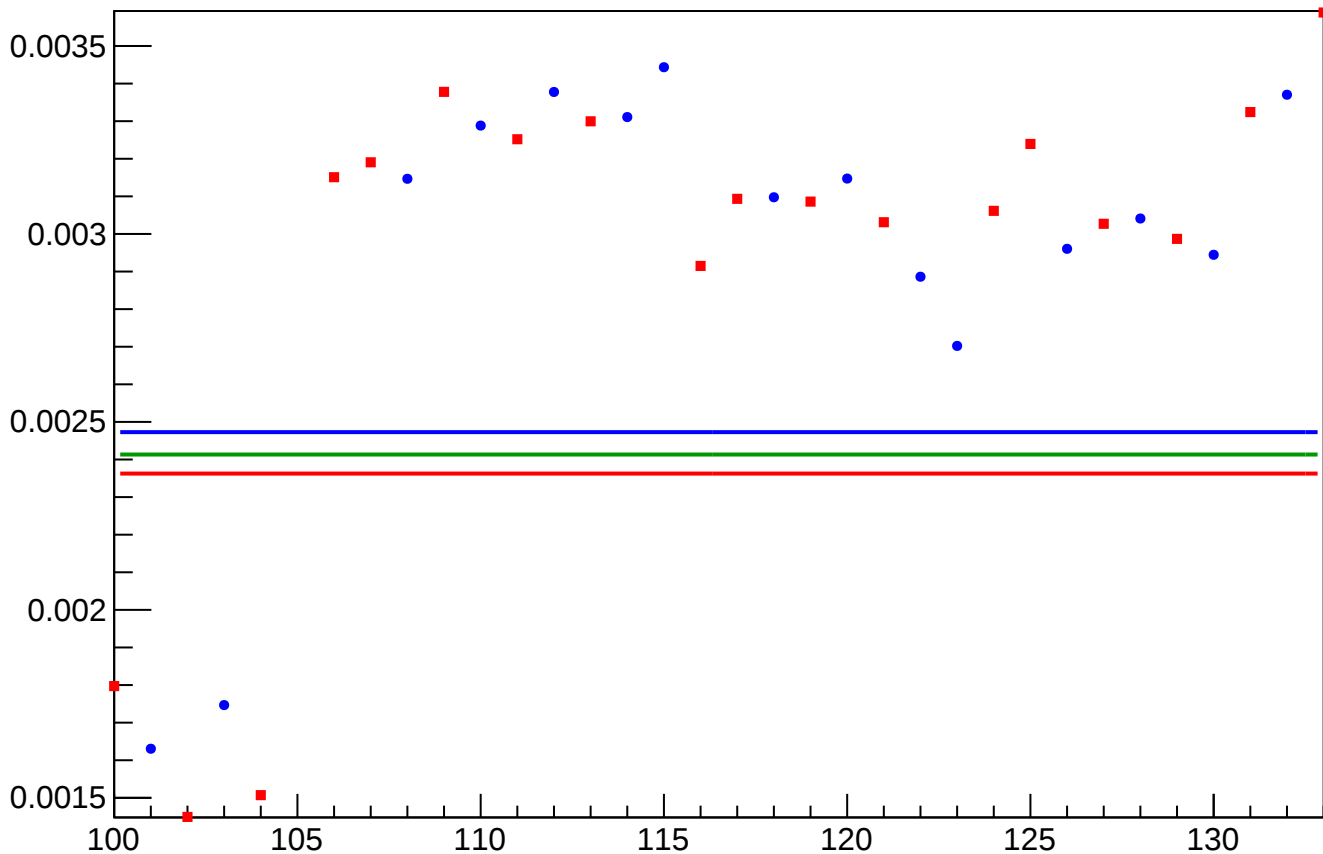
-1.586+/-0.000 χ^2/NDF : 229365613645.1

Right Out: -1.563+/-0.000 χ^2/NDF : 107935042507.3/17

-1.563+/-0.000 χ^2/NDF : 107935042507.3/17

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

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 : 1348703.0/17

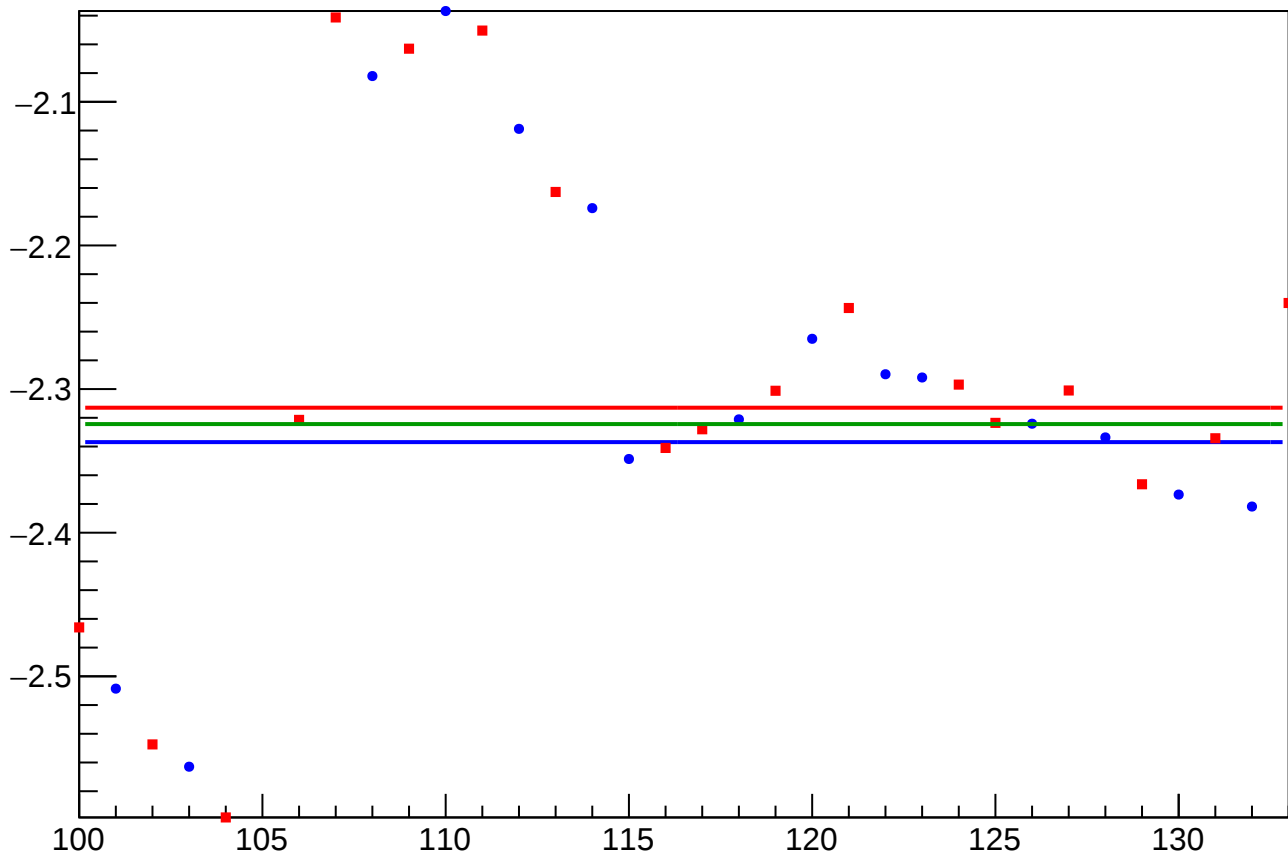
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 813116.9/14

0.002+/-0.000 χ^2/NDF : 2172107.0/32

0.002+/-0.000 χ^2/NDF : 1348703.0/17

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

Right Out: -2.313+/-0.000 χ^2/NDF : 4465995813.9/17

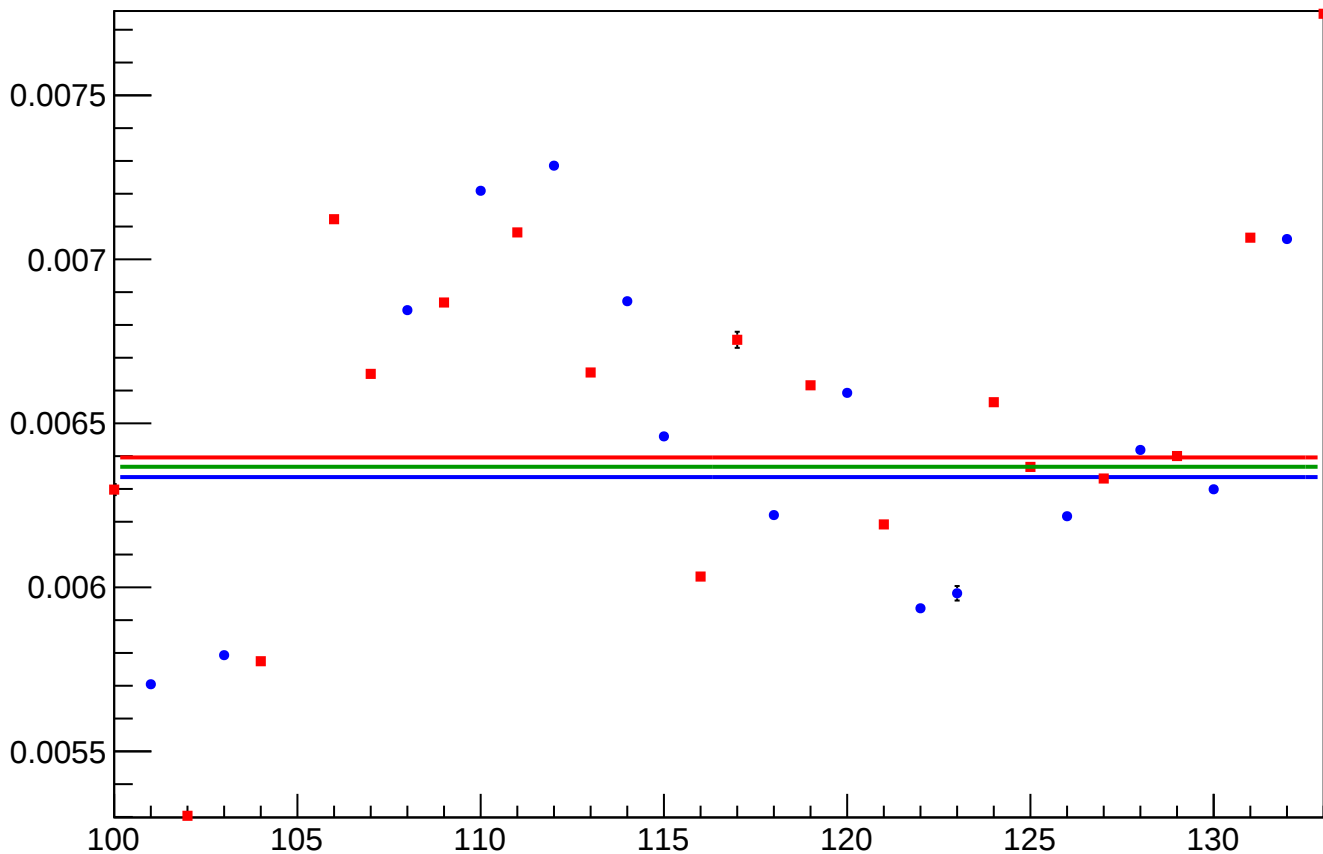
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.337+/-0.000 χ^2/NDF : 3036111216.7/14

-2.324+/-0.000 χ^2/NDF : 7543439960.9/32

-2.313+/-0.000 χ^2/NDF : 4465995813.9/17

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 : 113099.5/17

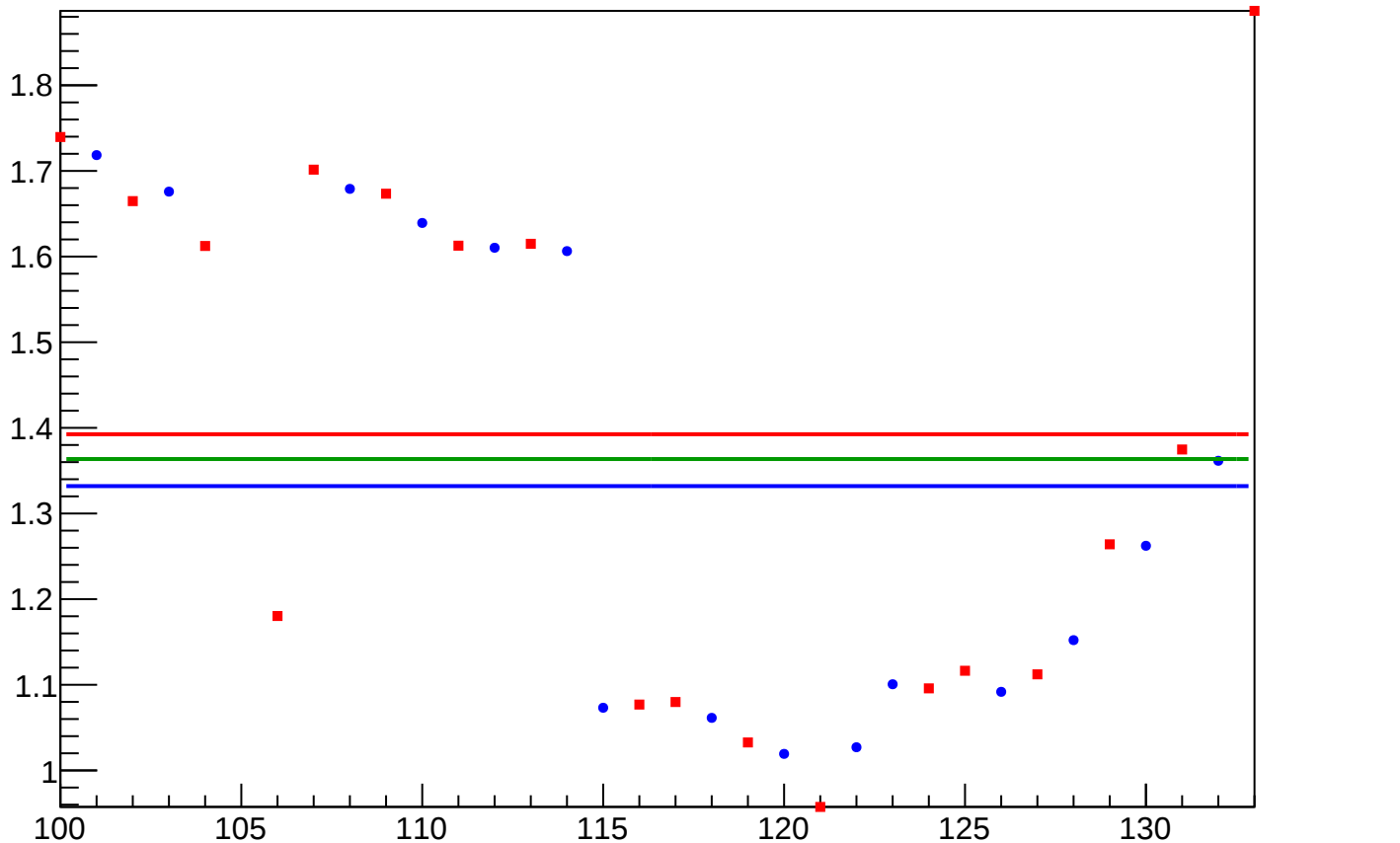
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 68827.7/14

0.006+/-0.000 χ^2/NDF : 182444.2/32

0.006+/-0.000 χ^2/NDF : 113099.5/17

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: 1.393+/-0.000 χ^2/NDF : 124144464072.3/17

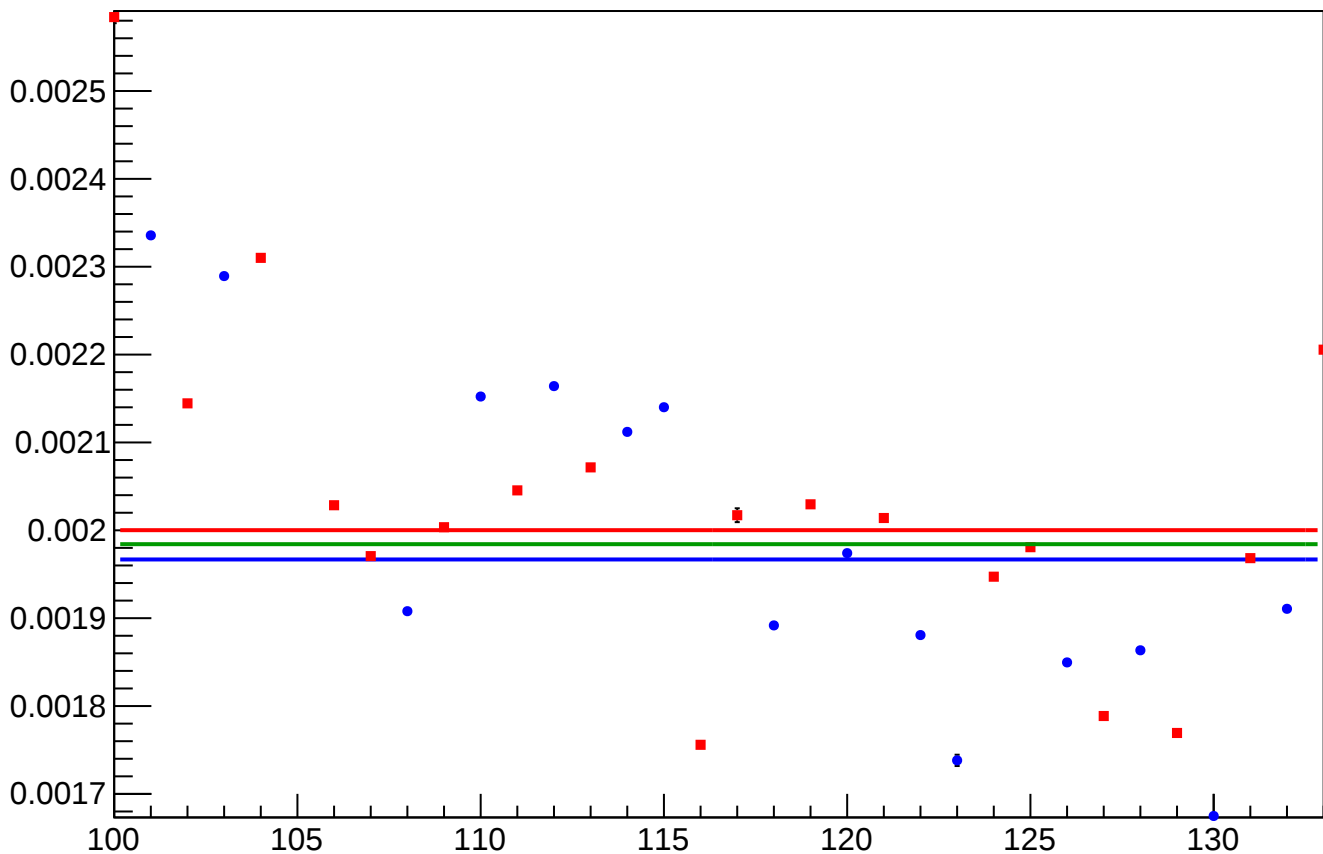
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.332+/-0.000 χ^2/NDF : 95276722254.1/14

1.364+/-0.000 χ^2/NDF : 222010294574.8/14

1.393+/-0.000 χ^2/NDF : 124144464072.3/17

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 : 73224.5/17

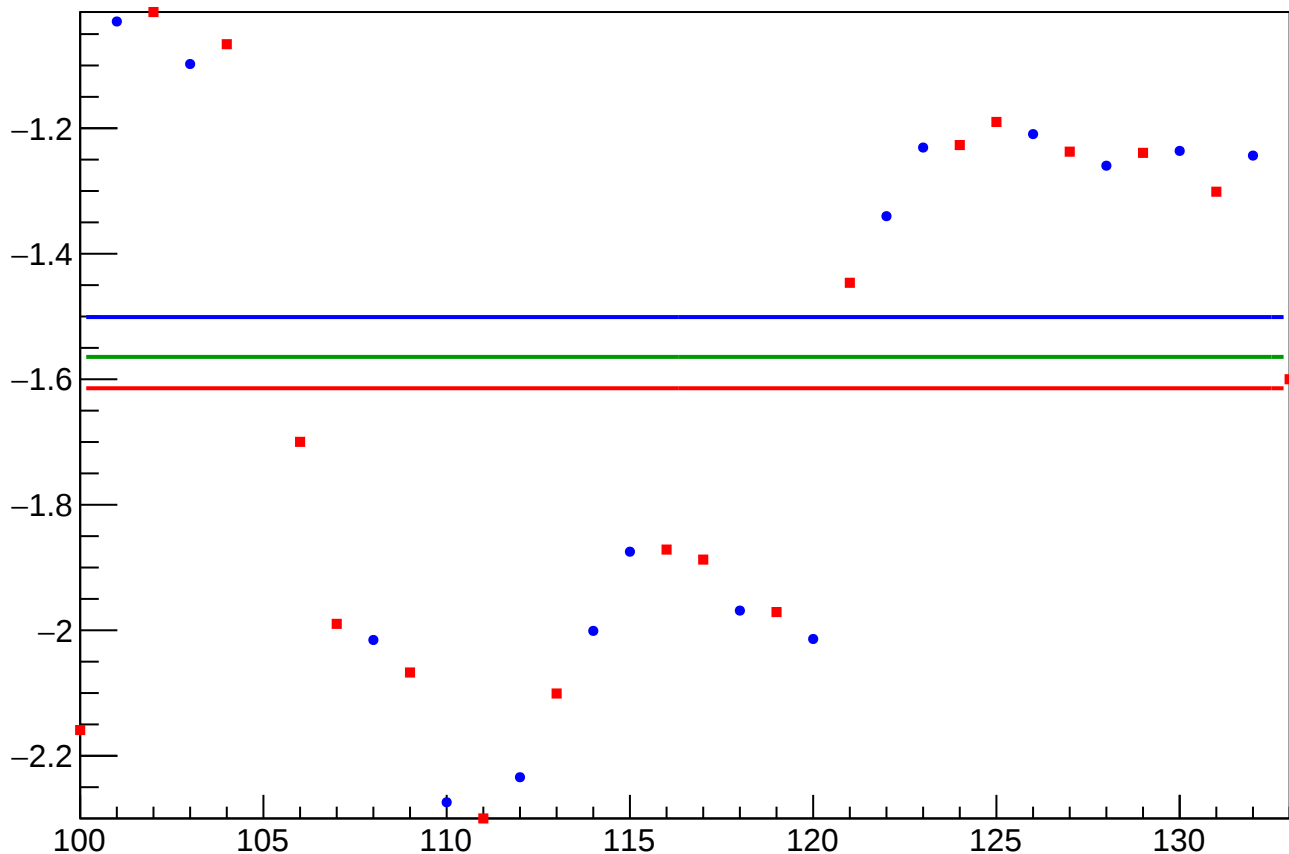
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 105023.7/14

0.002+/-0.000 χ^2/NDF : 179816.4/32

0.002+/-0.000 χ^2/NDF : 73224.5/17

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: -1.614+/-0.000 χ^2 /NDF: 27849511081.0/17

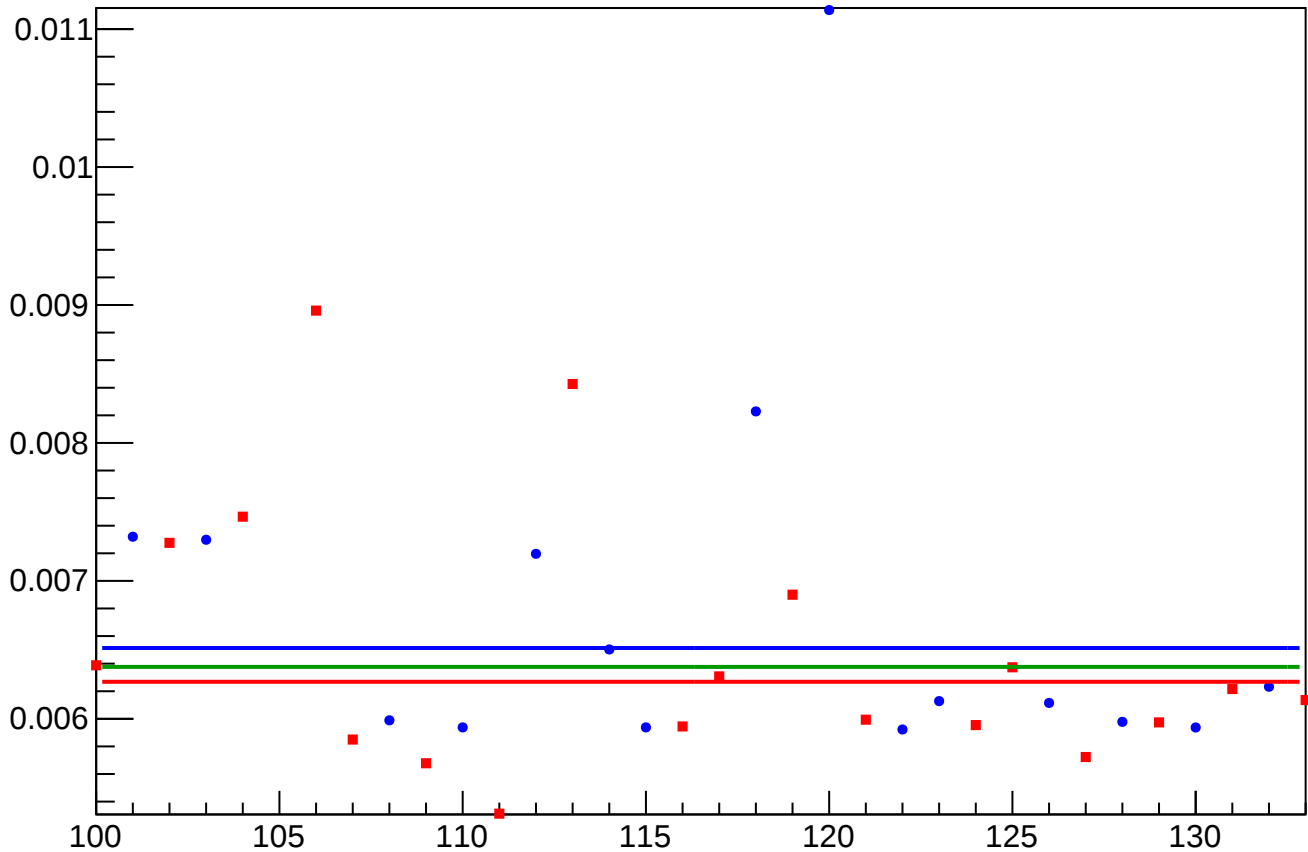
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.501+/-0.000 χ^2 /NDF: 22437321213.9/14

-1.564+/-0.000 χ^2 /NDF: 51151038001.9/3

-1.614+/-0.000 χ^2 /NDF: 27849511081.0/17

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 205198.8/14

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

Right Out: 0.006+/-0.000 χ^2/NDF : 195533.7/17

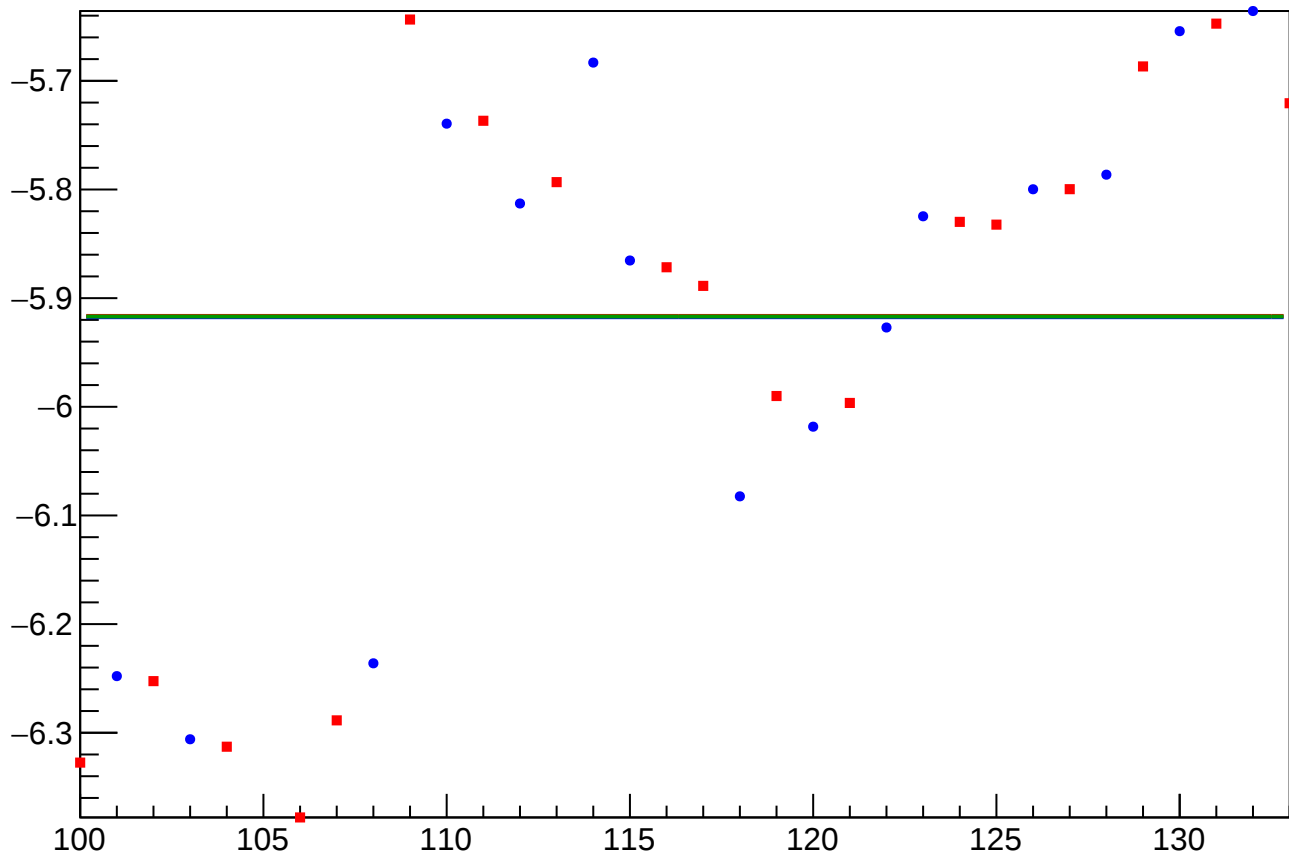
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 205198.8/14

0.006+/-0.000 χ^2/NDF : 408789.3/32

0.006+/-0.000 χ^2/NDF : 195533.7/17

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: -5.916+/-0.000 χ^2/NDF : 12723544837.1/17

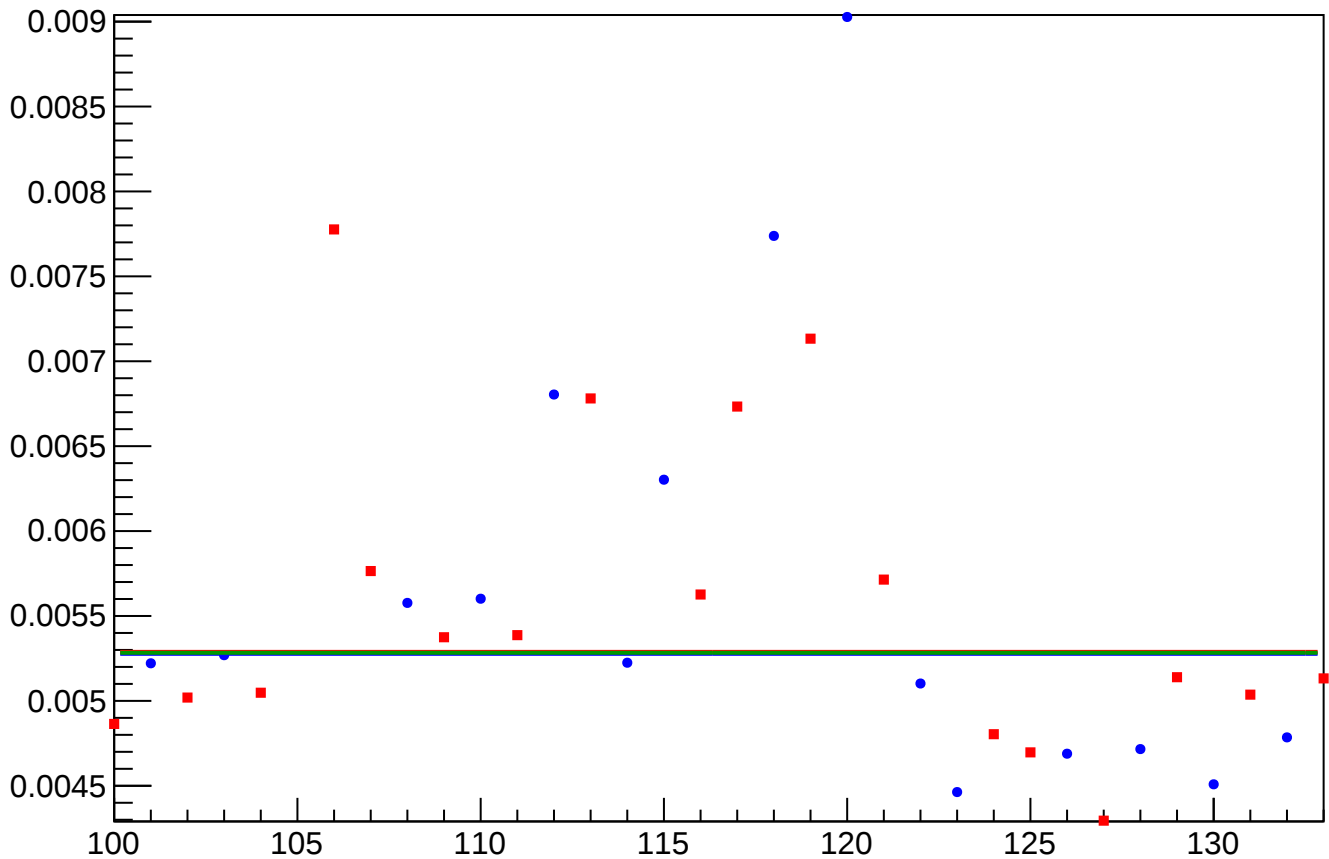
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.917+/-0.000 χ^2/NDF : 10815776968.8/14

-5.917+/-0.000 χ^2/NDF : 23539442904.0/0

-5.916+/-0.000 χ^2/NDF : 12723544837.1/17

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 : 225984.5/17

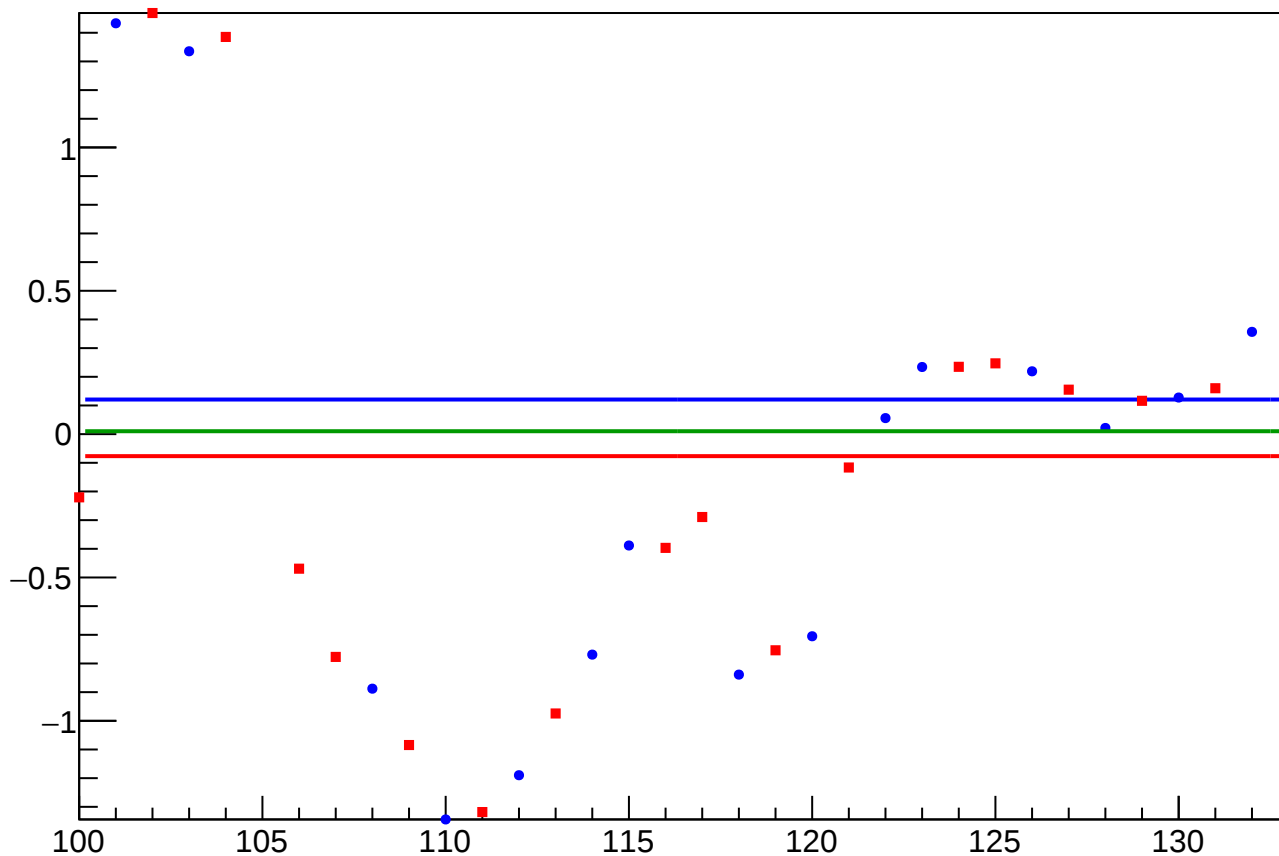
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 304921.1/14

0.005+/-0.000 χ^2/NDF : 530930.8/32

0.005+/-0.000 χ^2/NDF : 225984.5/17

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

0.121+/-0.000 χ^2/NDF : 16532542802.1/14

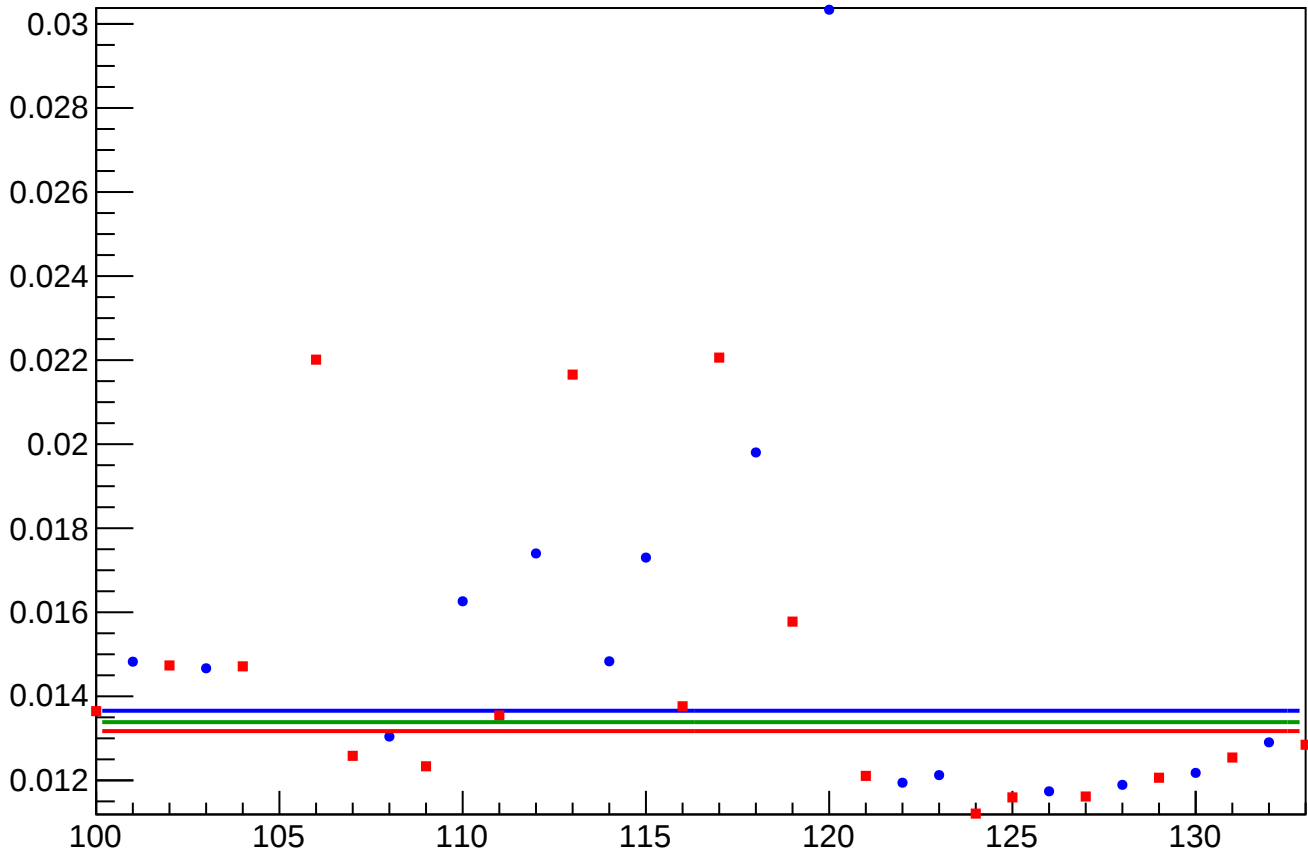
0.010+/-0.000 χ^2/NDF : 37926459946.6/3

Right Out: -0.077+/-0.000 χ^2/NDF : 20813404793.9/17

-0.077+/-0.000 χ^2/NDF : 20813404793.9/17

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

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 : 278705.8/17

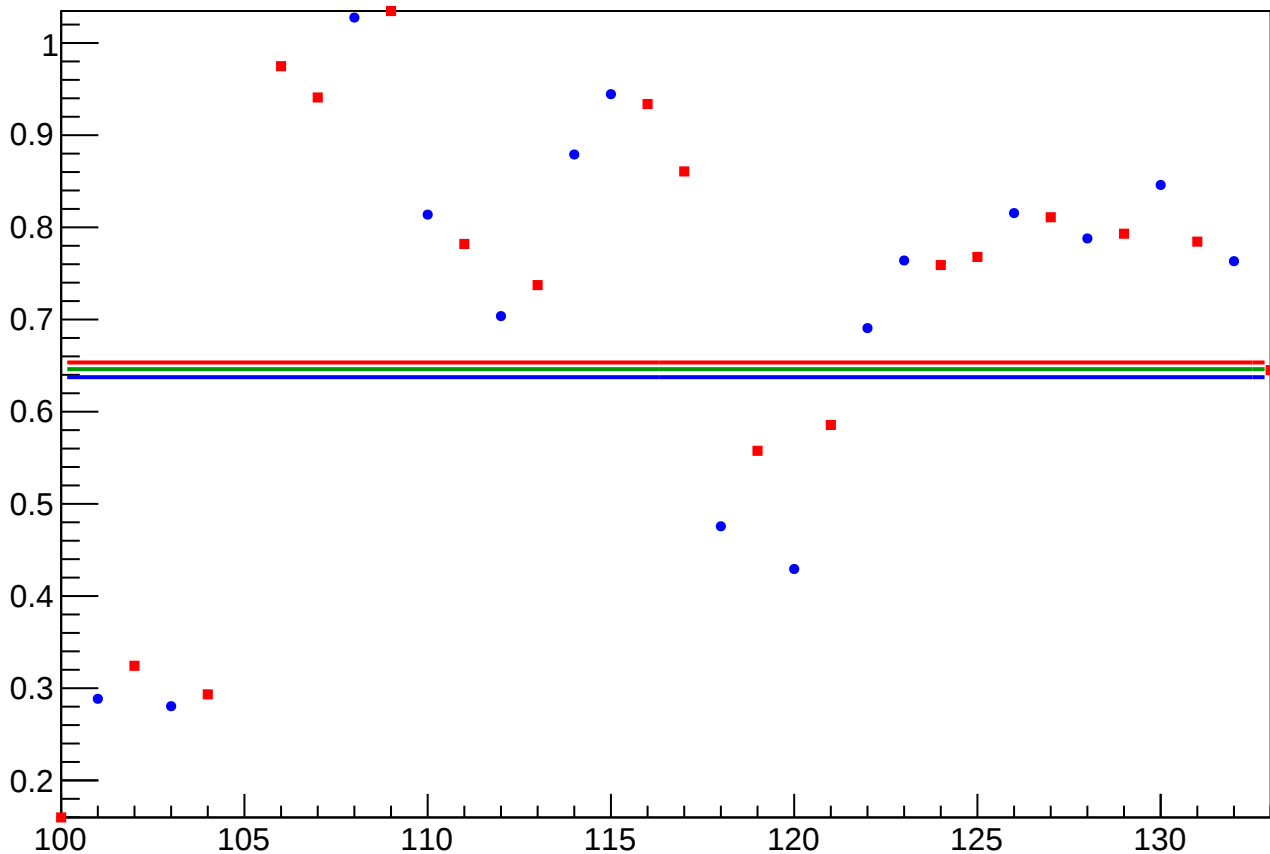
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 377270.5/14

0.013+/-0.000 χ^2/NDF : 662953.7/32

0.013+/-0.000 χ^2/NDF : 278705.8/17

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: 0.653+/-0.000 χ^2/NDF : 5720625147.4/17

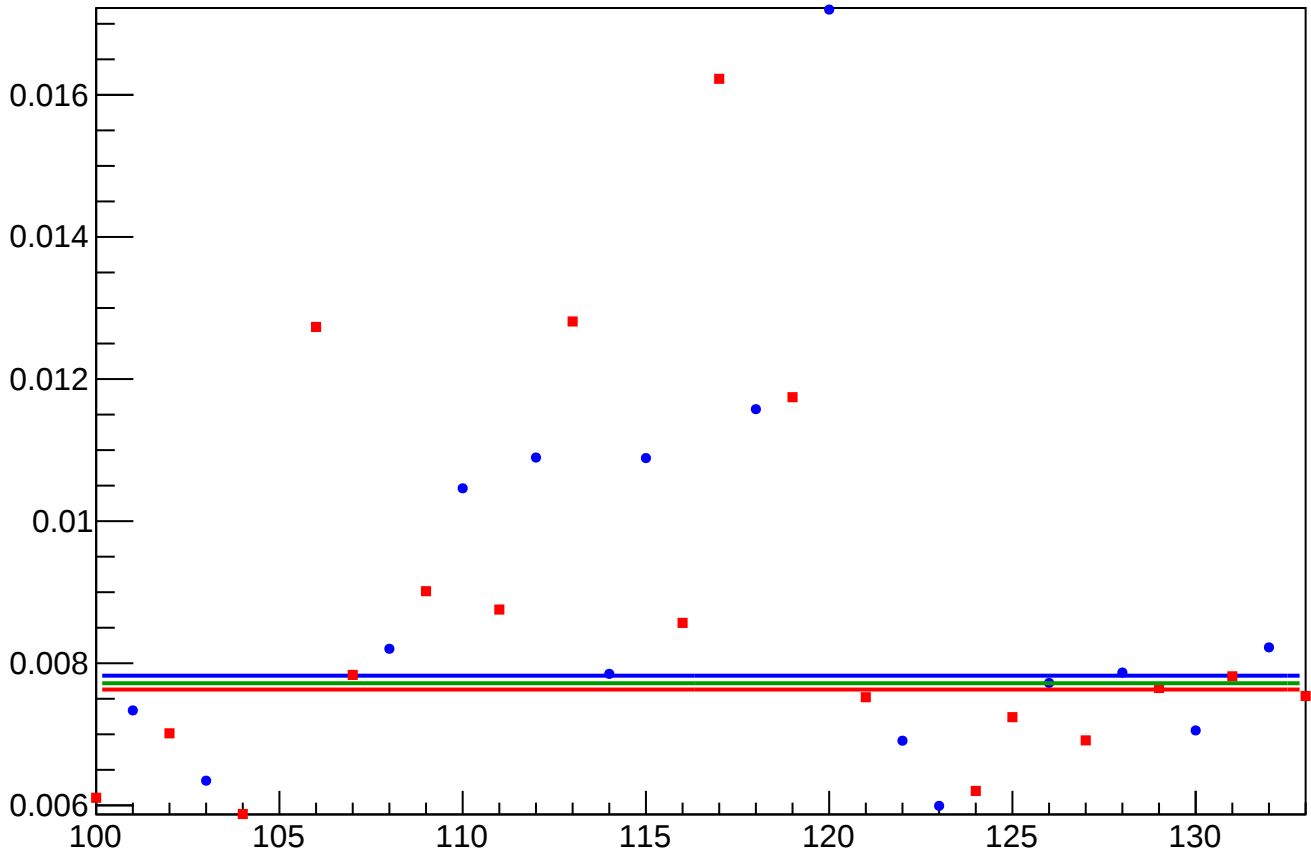
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.637+/-0.000 χ^2/NDF : 5187941447.0/14

0.646+/-0.000 χ^2/NDF : 10919747753.0/3

0.653+/-0.000 χ^2/NDF : 5720625147.4/17

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 : 453943.4/17

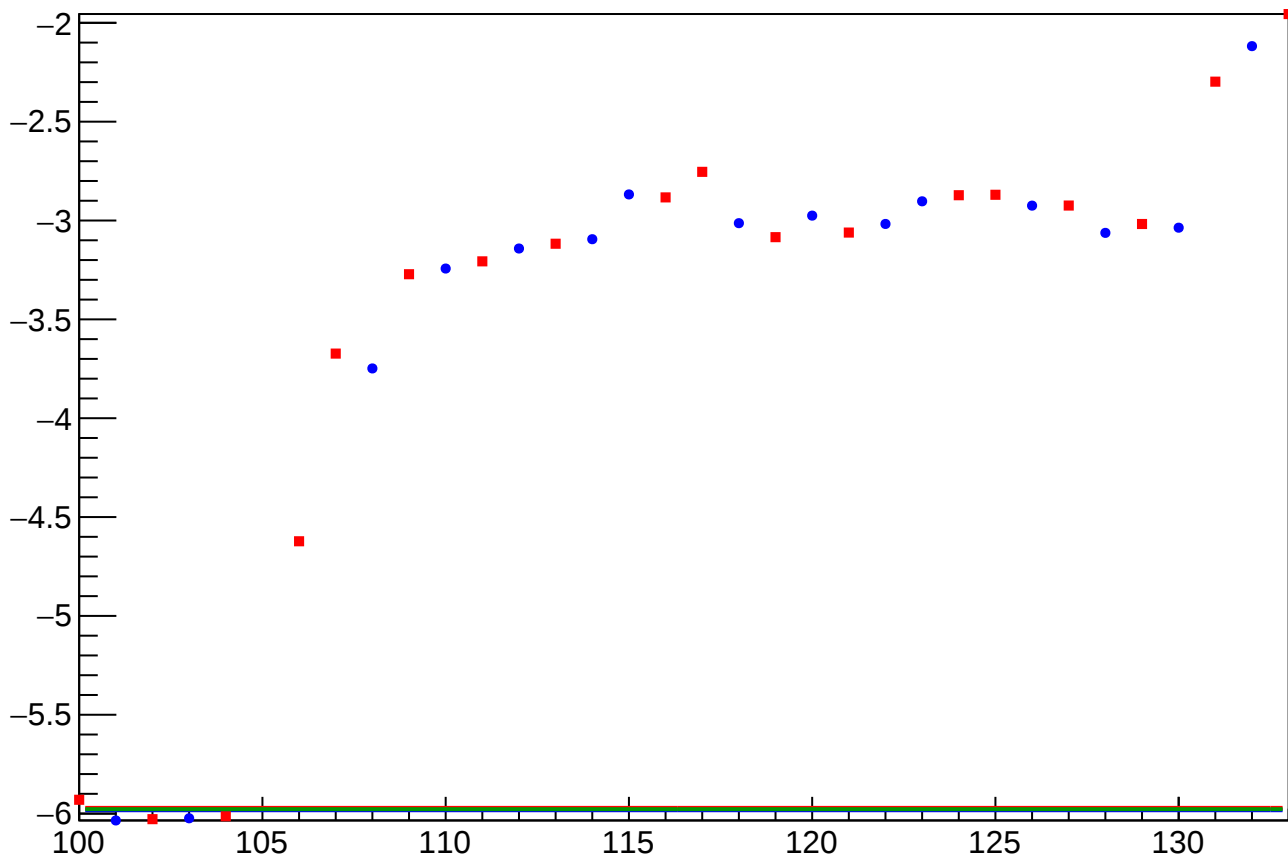
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 460577.8/14

0.008+/-0.000 χ^2/NDF : 917855.2/32

0.008+/-0.000 χ^2/NDF : 453943.4/17

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

-5.983+/-0.000 χ^2 /NDF: 6043441706.1/14

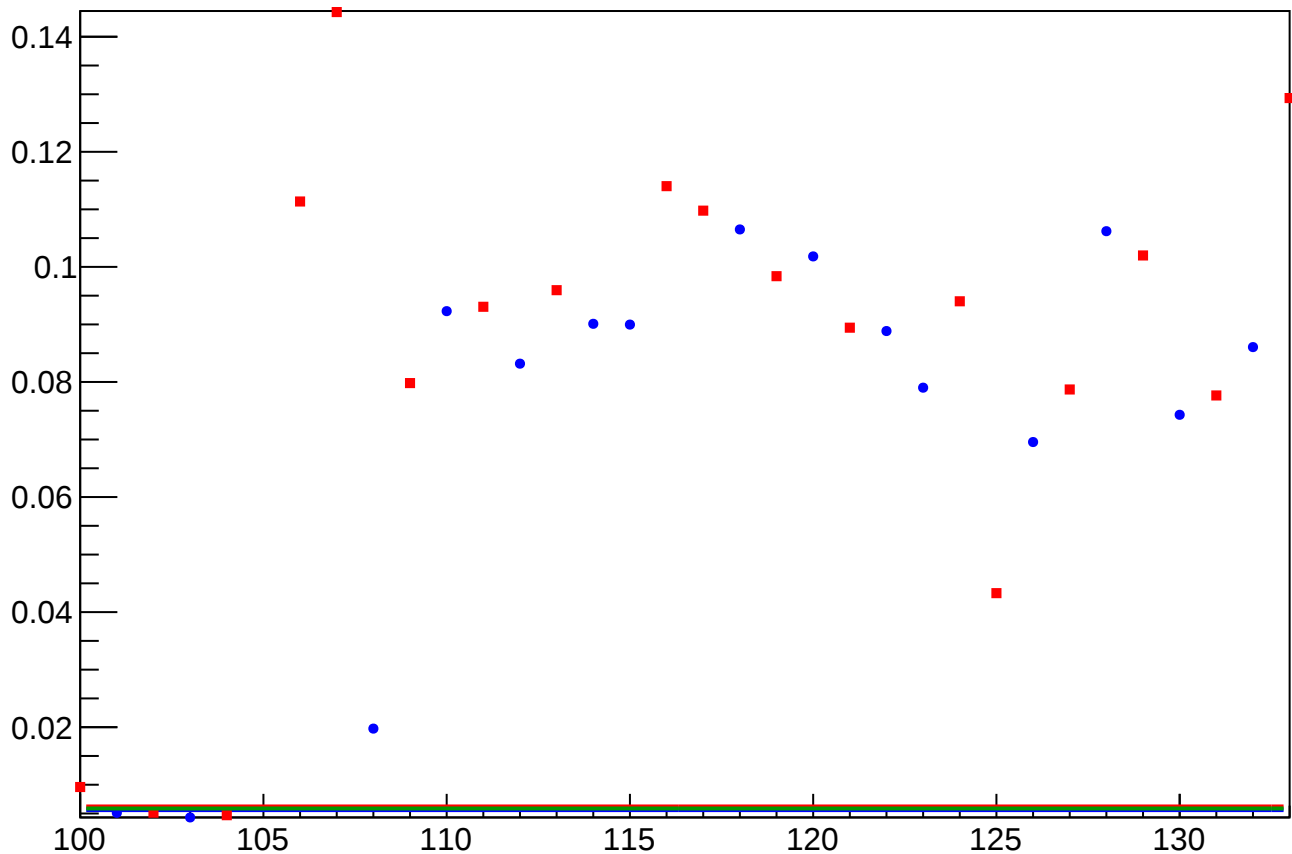
-5.978+/-0.000 χ^2 /NDF: 1150865534.9/14

Right Out: -5.971+/-0.000 χ^2 /NDF: 5462320056.1/17

-5.971+/-0.000 χ^2 /NDF: 5462320056.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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 : 8122155.8/17

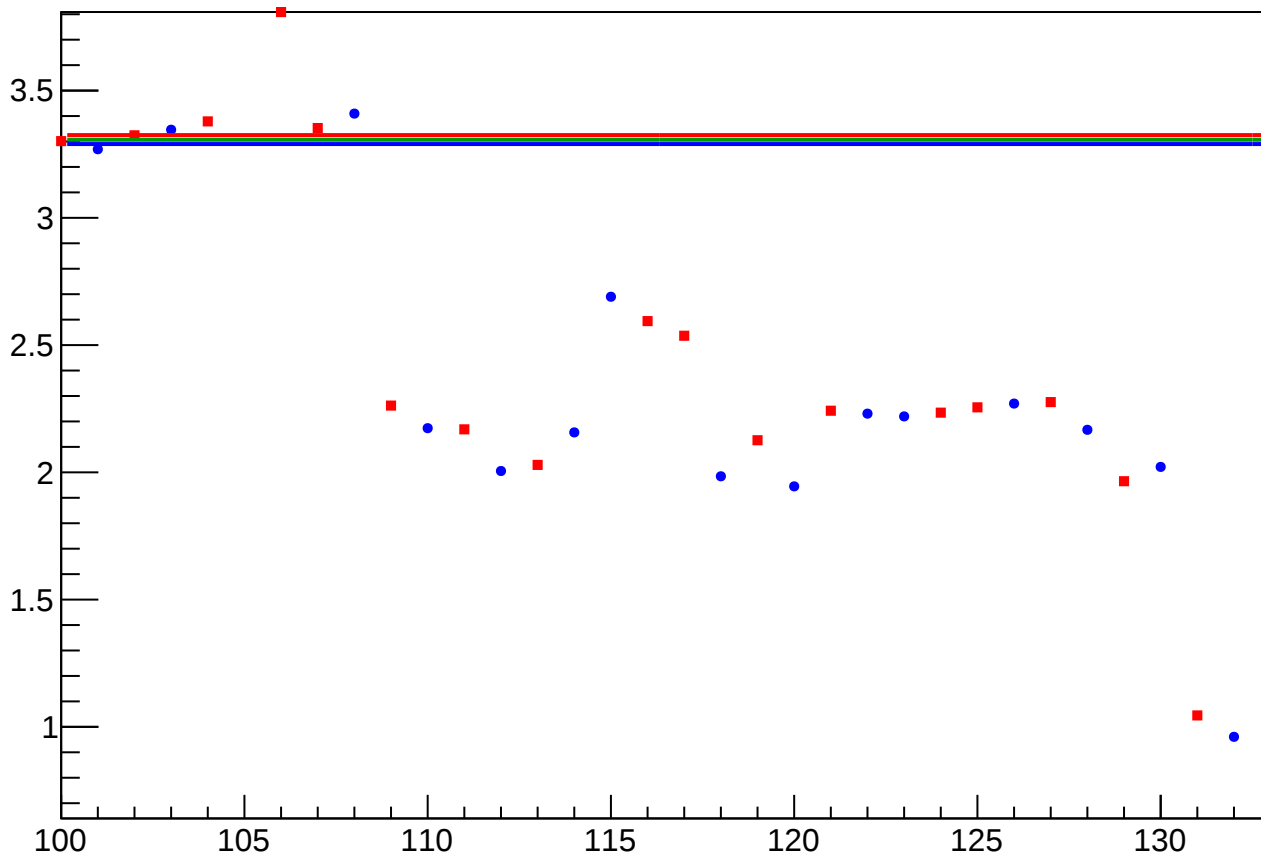
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 6797685.8/14

0.006+/-0.000 χ^2/NDF : 14936502.9/32

0.006+/-0.000 χ^2/NDF : 8122155.8/17

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: 3.325+/-0.000 χ^2/NDF : 1006551082.0/17

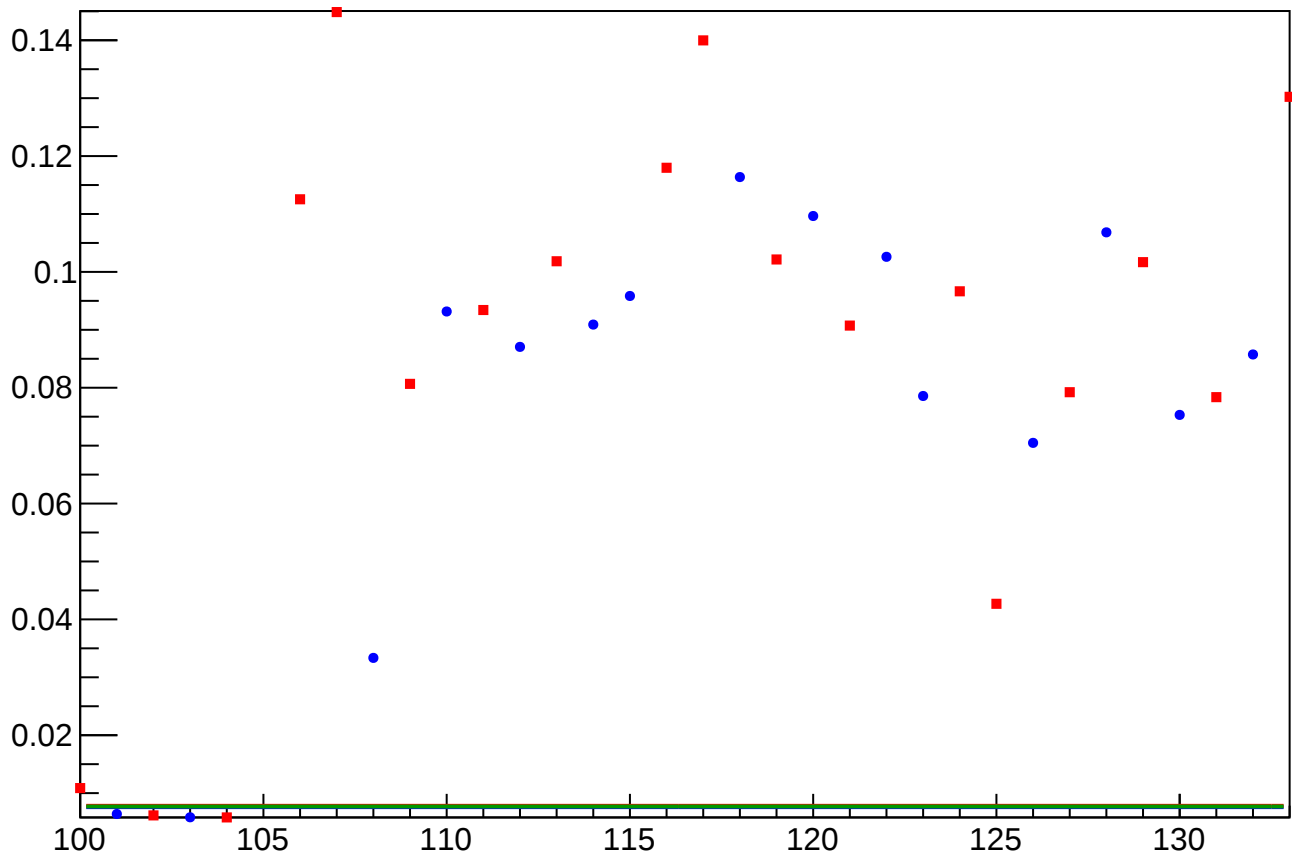
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.290+/-0.000 χ^2/NDF : 909350069.1/14

3.307+/-0.000 χ^2/NDF : 1932801267.3/32

3.325+/-0.000 χ^2/NDF : 1006551082.0/17

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 : 7879970.7/17

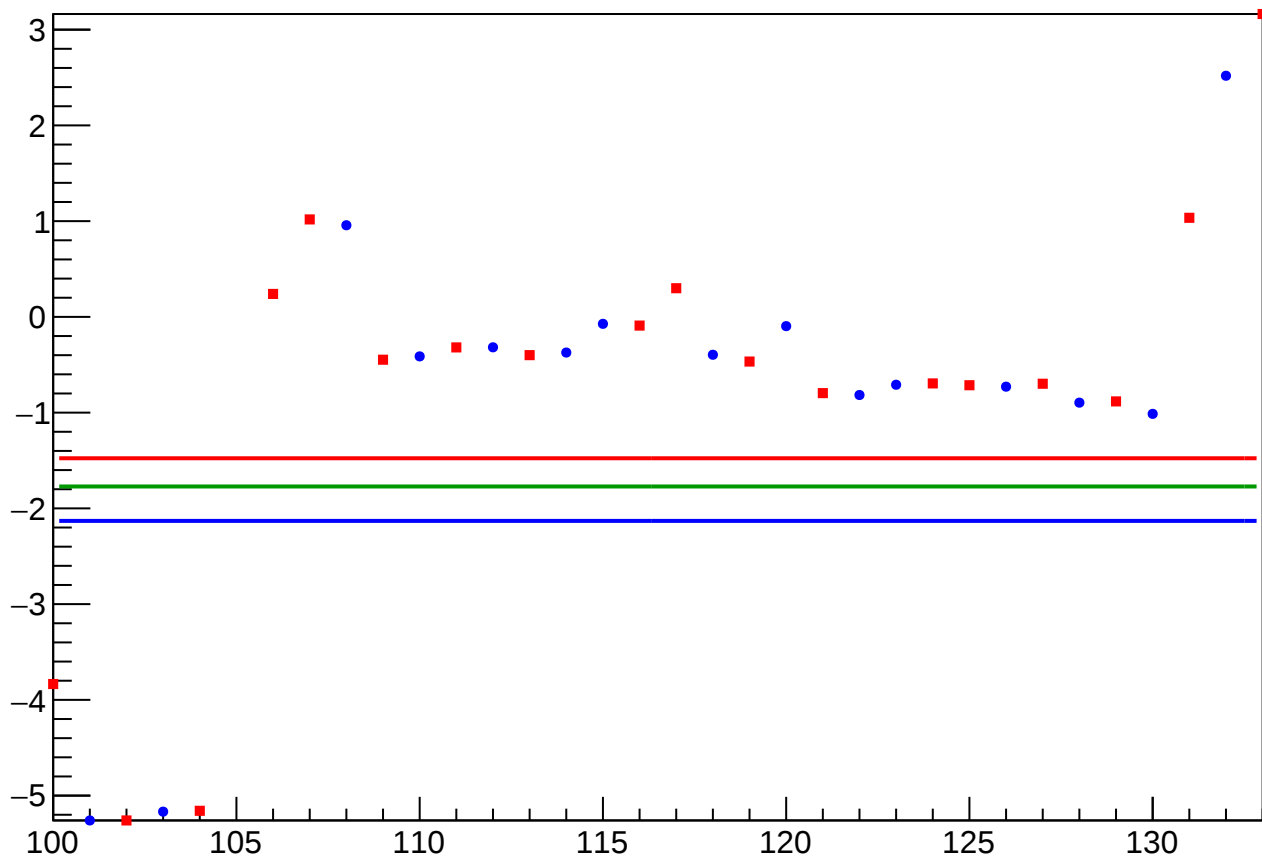
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 6711031.5/14

0.008+/-0.000 χ^2/NDF : 14592308.4/32

0.008+/-0.000 χ^2/NDF : 7879970.7/17

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: -1.477+/-0.000 χ^2/NDF : 167272448126.7/17

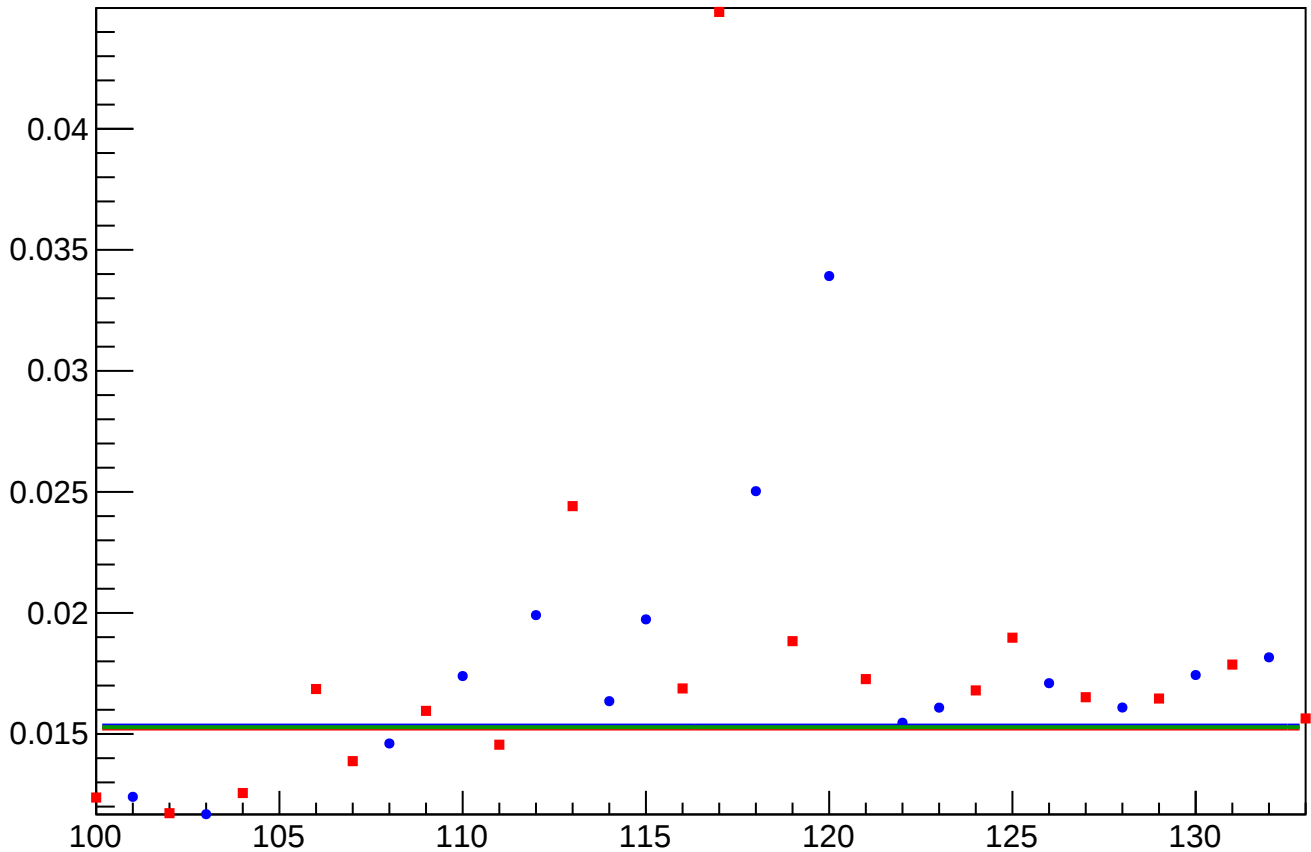
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.131+/-0.000 χ^2/NDF : 134923660654.6/14

-1.771+/-0.000 χ^2/NDF : 306909873132.3

-1.477+/-0.000 χ^2/NDF : 167272448126.7/17

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 : 374199.3/17

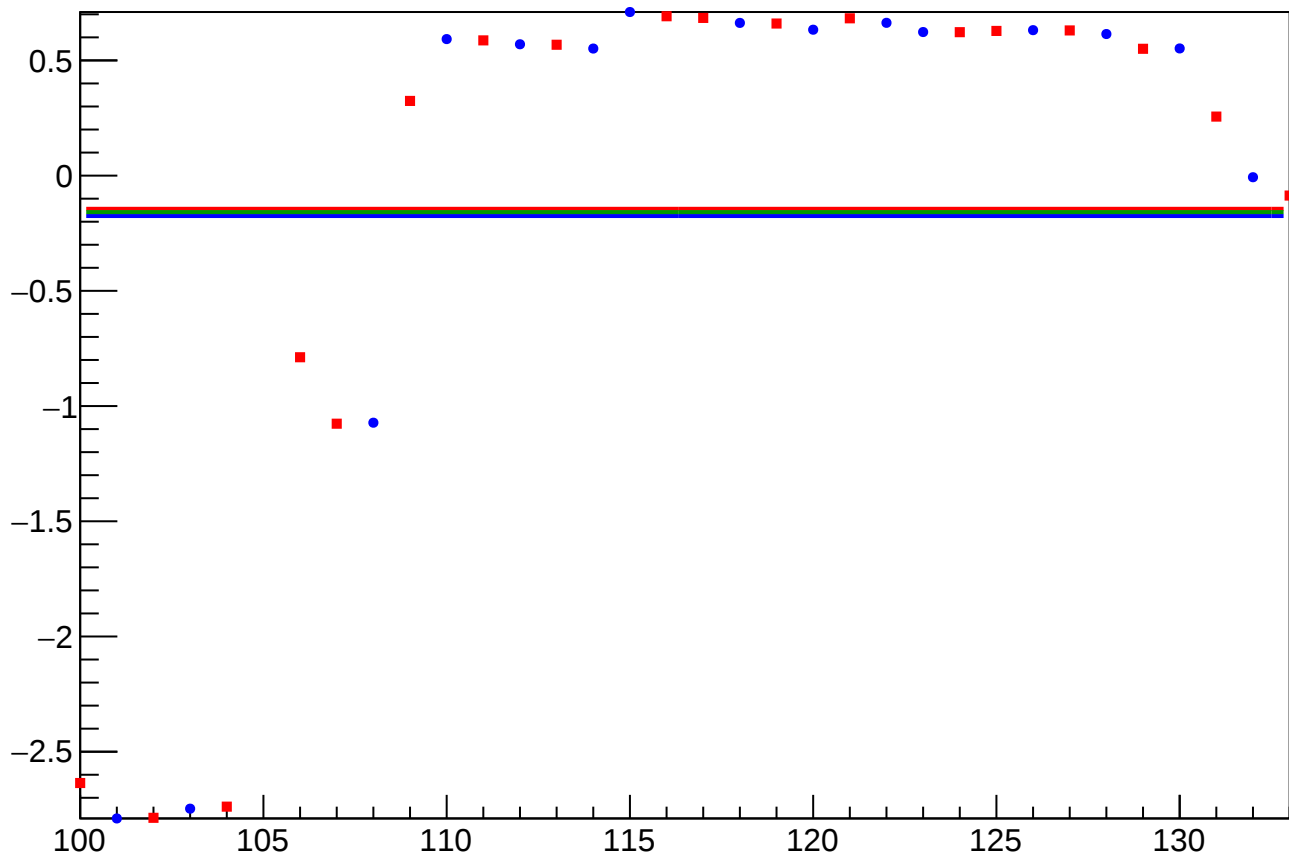
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 549699.1/14

0.015+/-0.000 χ^2/NDF : 924229.0/32

0.015+/-0.000 χ^2/NDF : 374199.3/17

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

Right Out: -0.144+/-0.000 χ^2 /NDF: 760097238085.8/17

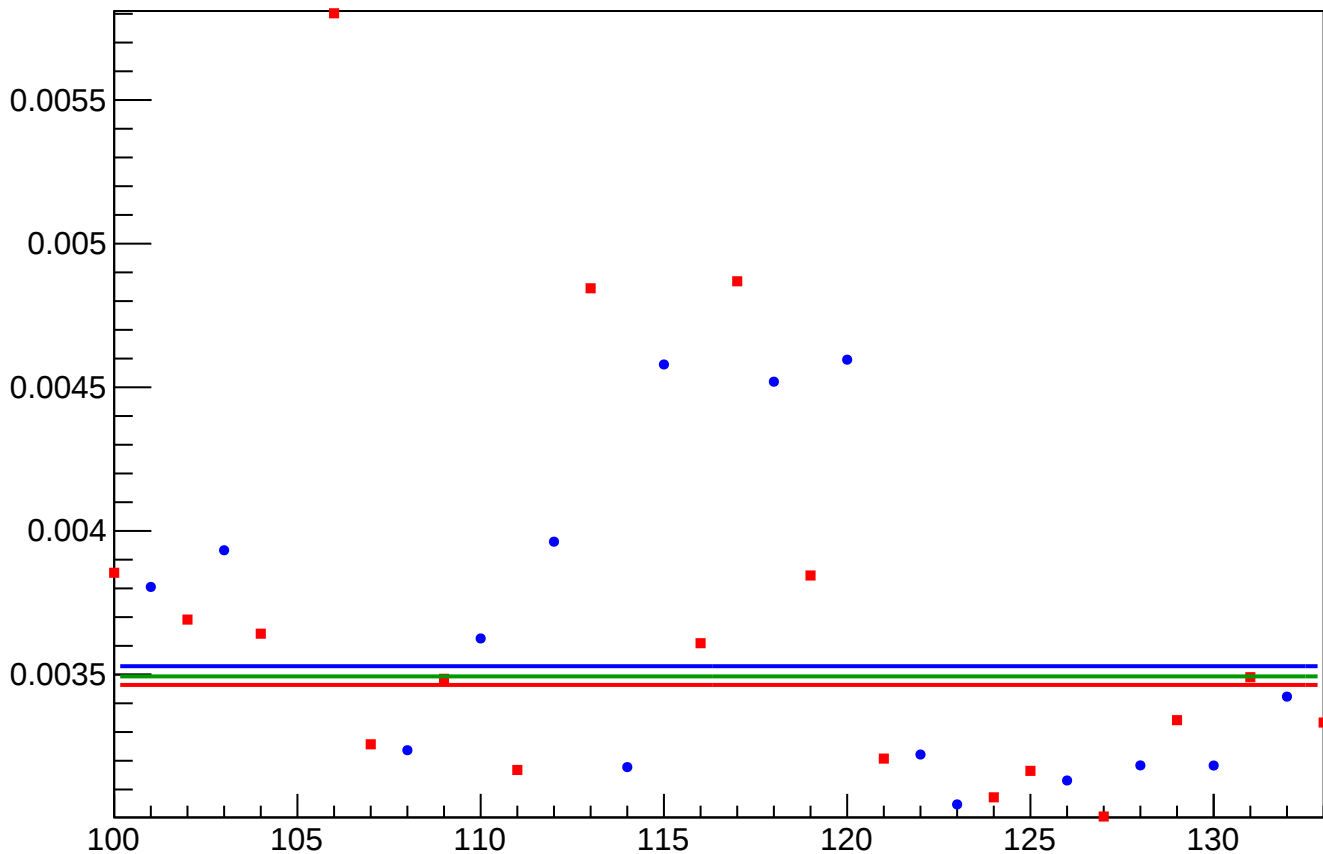
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.175+/-0.000 χ^2 /NDF: 711171529201.1/14

-0.158+/-0.000 χ^2 /NDF: 1471497656005.8/17

-0.144+/-0.000 χ^2 /NDF: 760097238085.8/17

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 : 221558.3/17

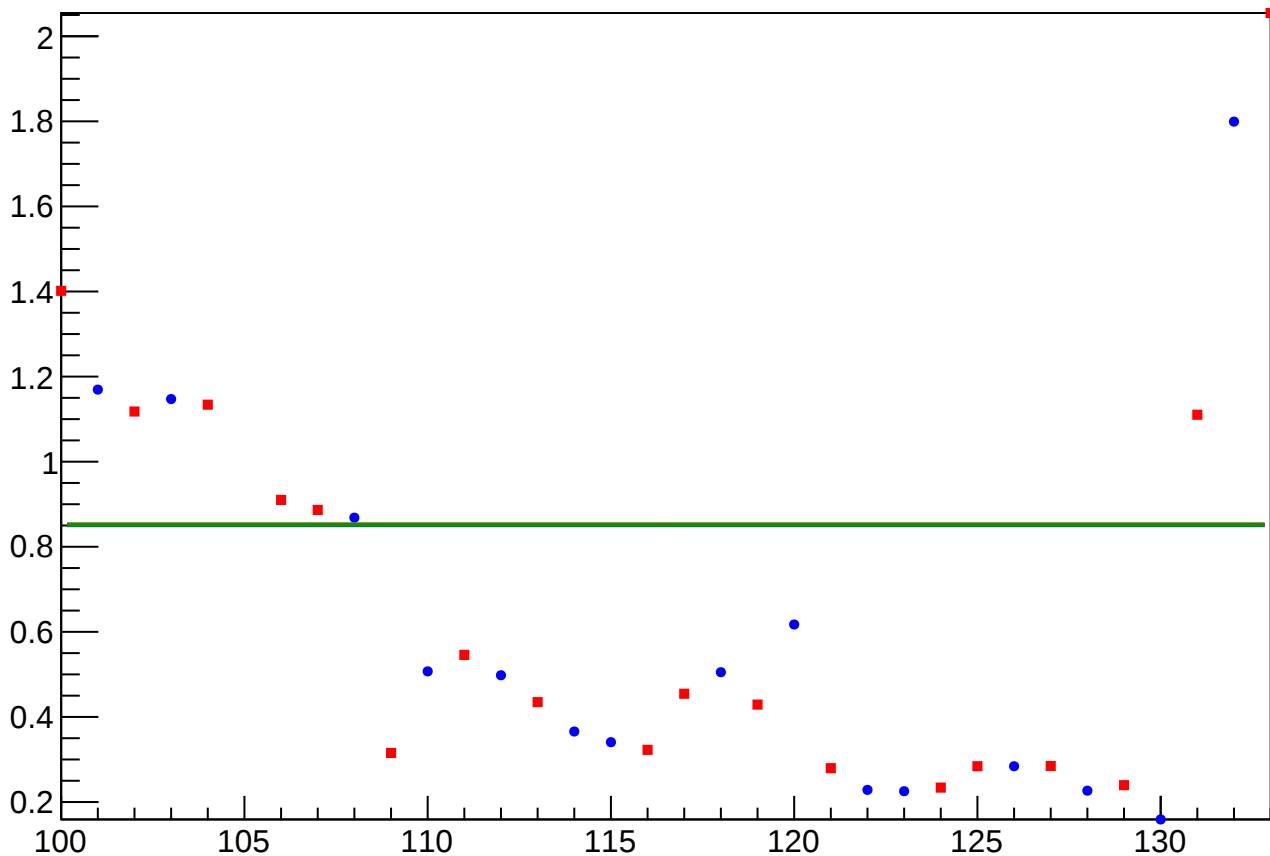
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 169116.8/14

0.003+/-0.000 χ^2/NDF : 392653.7/32

0.003+/-0.000 χ^2/NDF : 221558.3/17

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: 0.852+/-0.000 χ^2/NDF : 32161170991.8/17

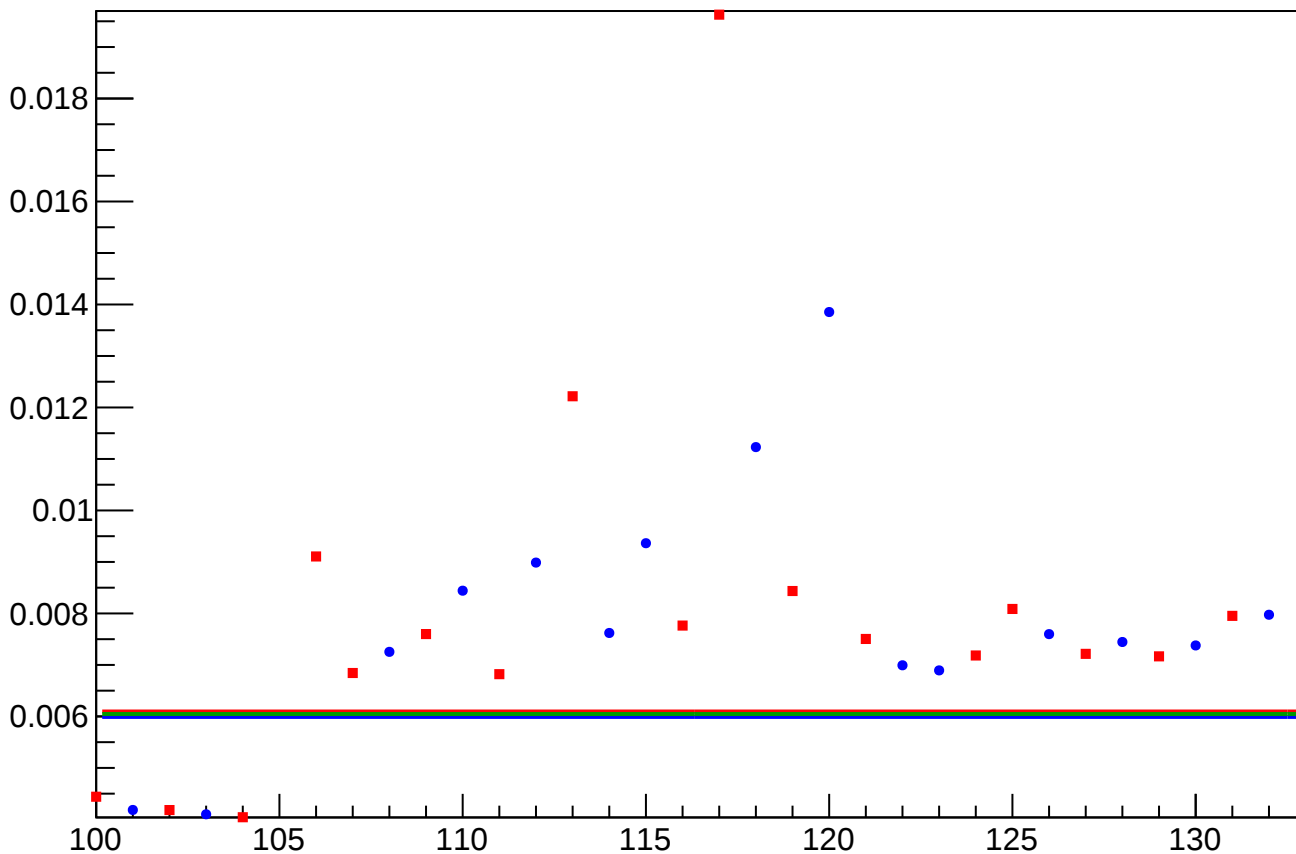
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.851+/-0.000 χ^2/NDF : 25956177988.0/14

0.852+/-0.000 χ^2/NDF : 58117525917.7/3

0.852+/-0.000 χ^2/NDF : 32161170991.8/17

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 : 1021876.7/17

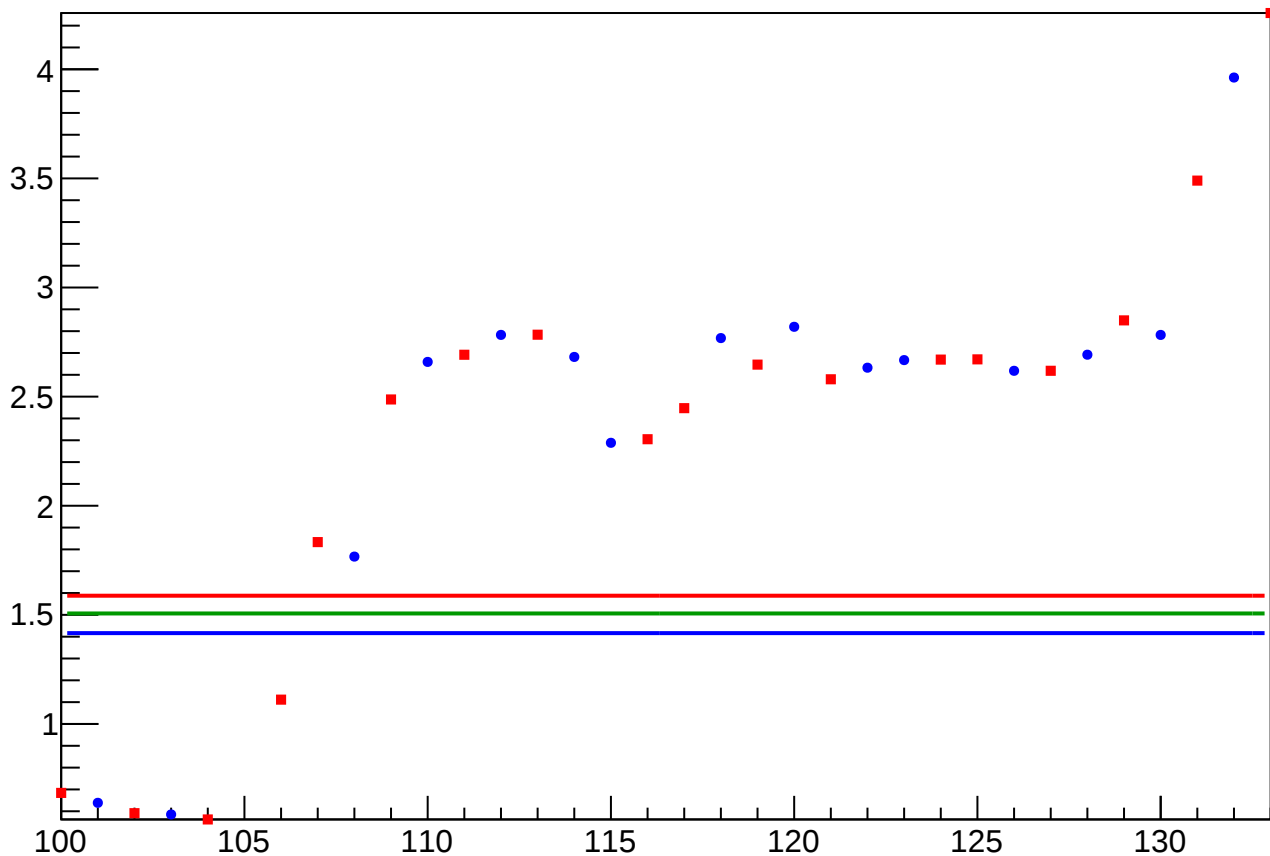
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1140936.4/14

0.006+/-0.000 χ^2/NDF : 2164257.9/32

0.006+/-0.000 χ^2/NDF : 1021876.7/17

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: 1.588+/-0.000 χ^2/NDF : 199986952609.9/17

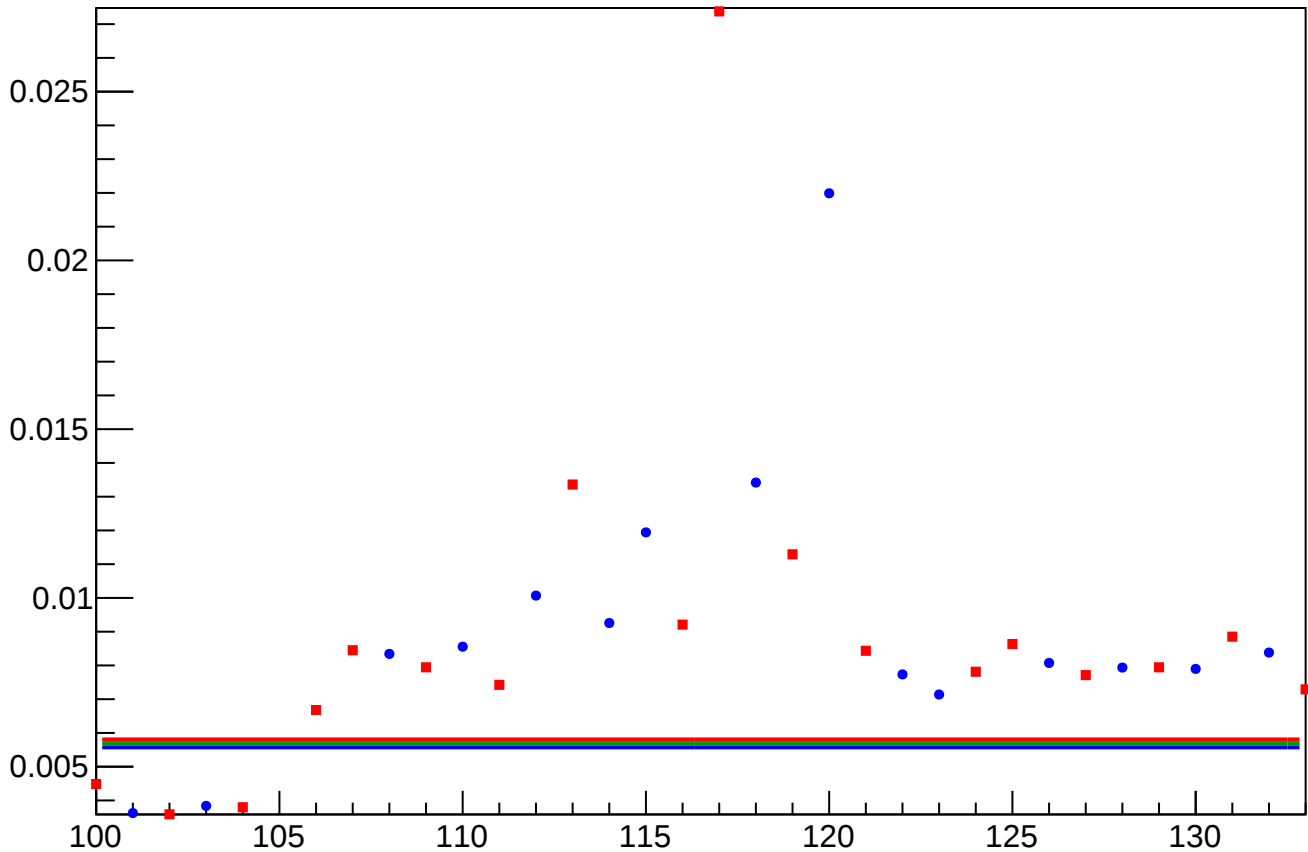
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.416+/-0.000 χ^2/NDF : 149197007378.0/14

1.506+/-0.000 χ^2/NDF : 351173698569.1/17

1.588+/-0.000 χ^2/NDF : 199986952609.9/17

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 : 1655732.2/17

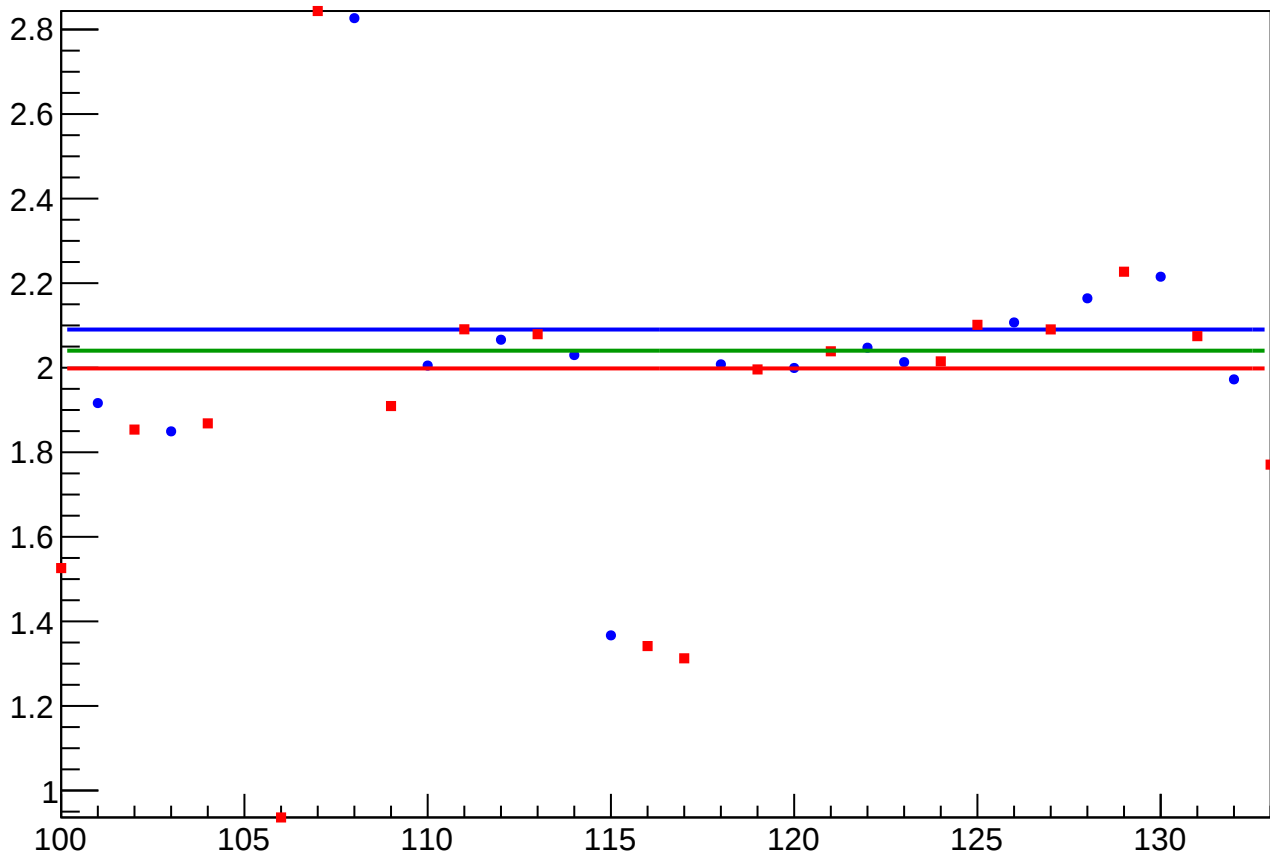
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1779716.9/14

0.006+/-0.000 χ^2/NDF : 3442875.8/32

0.006+/-0.000 χ^2/NDF : 1655732.2/17

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: 1.998+/-0.000 χ^2/NDF : 16669626004.8/17

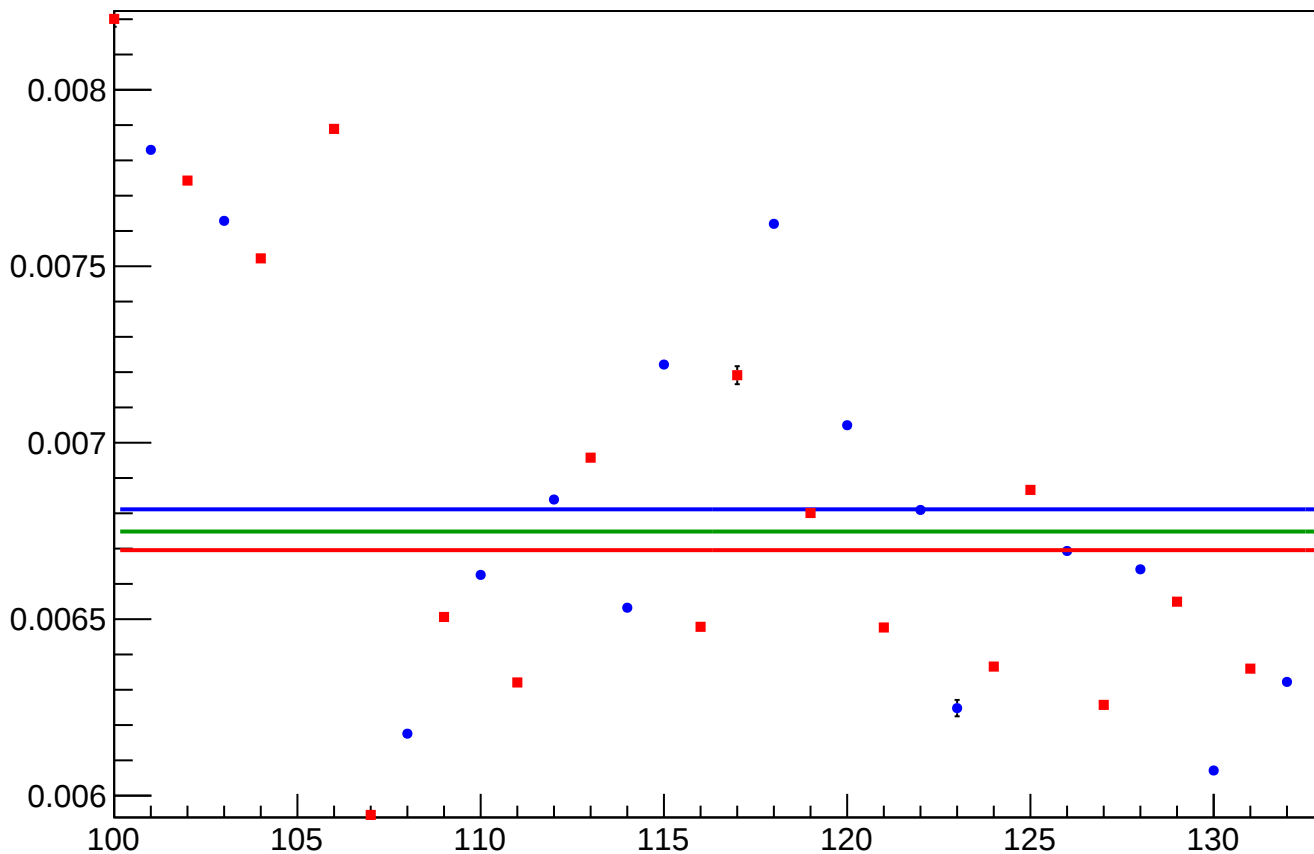
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.090+/-0.000 χ^2/NDF : 7836936525.0/14

2.040+/-0.000 χ^2/NDF : 25041101122.2/3

1.998+/-0.000 χ^2/NDF : 16669626004.8/17

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 73293.3/14

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

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 73320.6/17

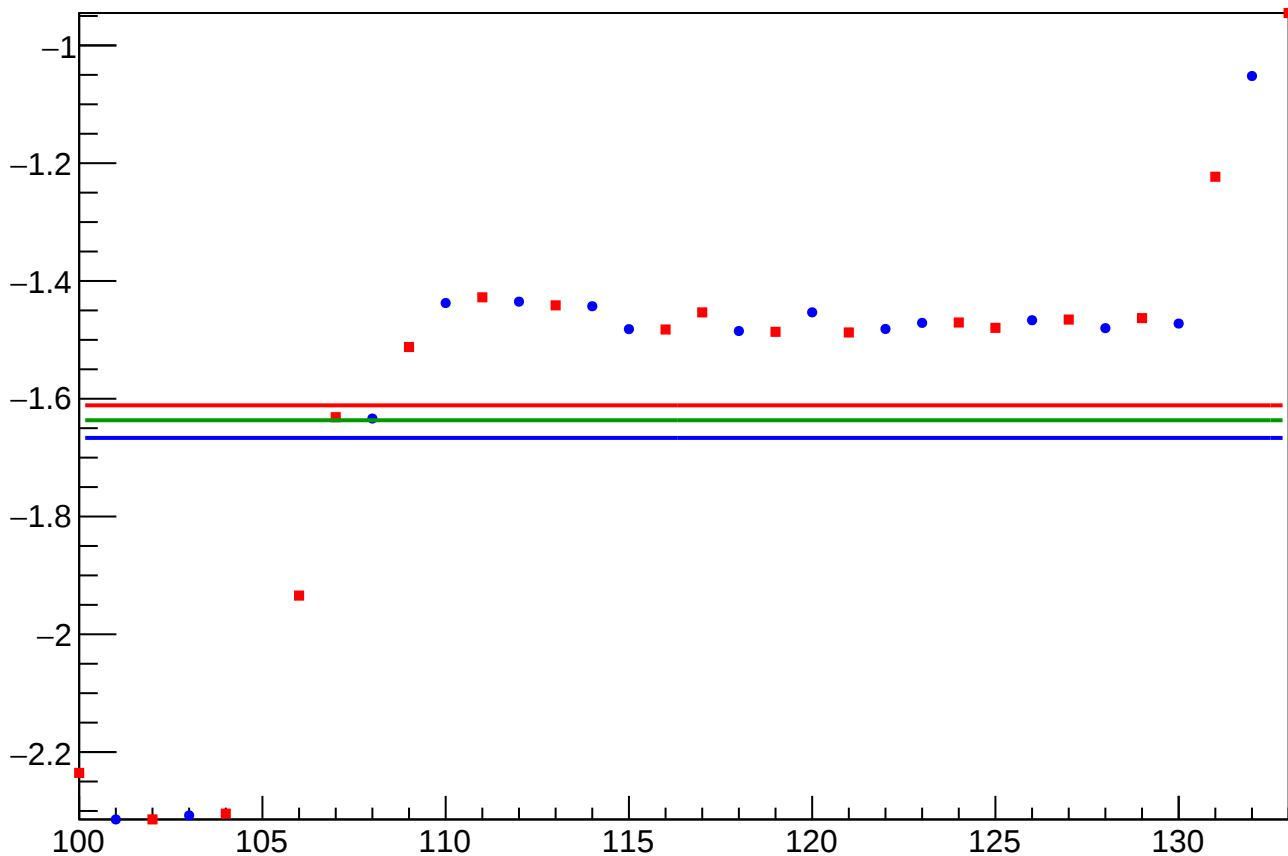
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 73293.3/14

0.007 $\pm$ 0.000 χ^2 /NDF: 148304.2/32

0.007 $\pm$ 0.000 χ^2 /NDF: 73320.6/17

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

-1.667+/-0.000 χ^2/NDF : 118371758743.4/14

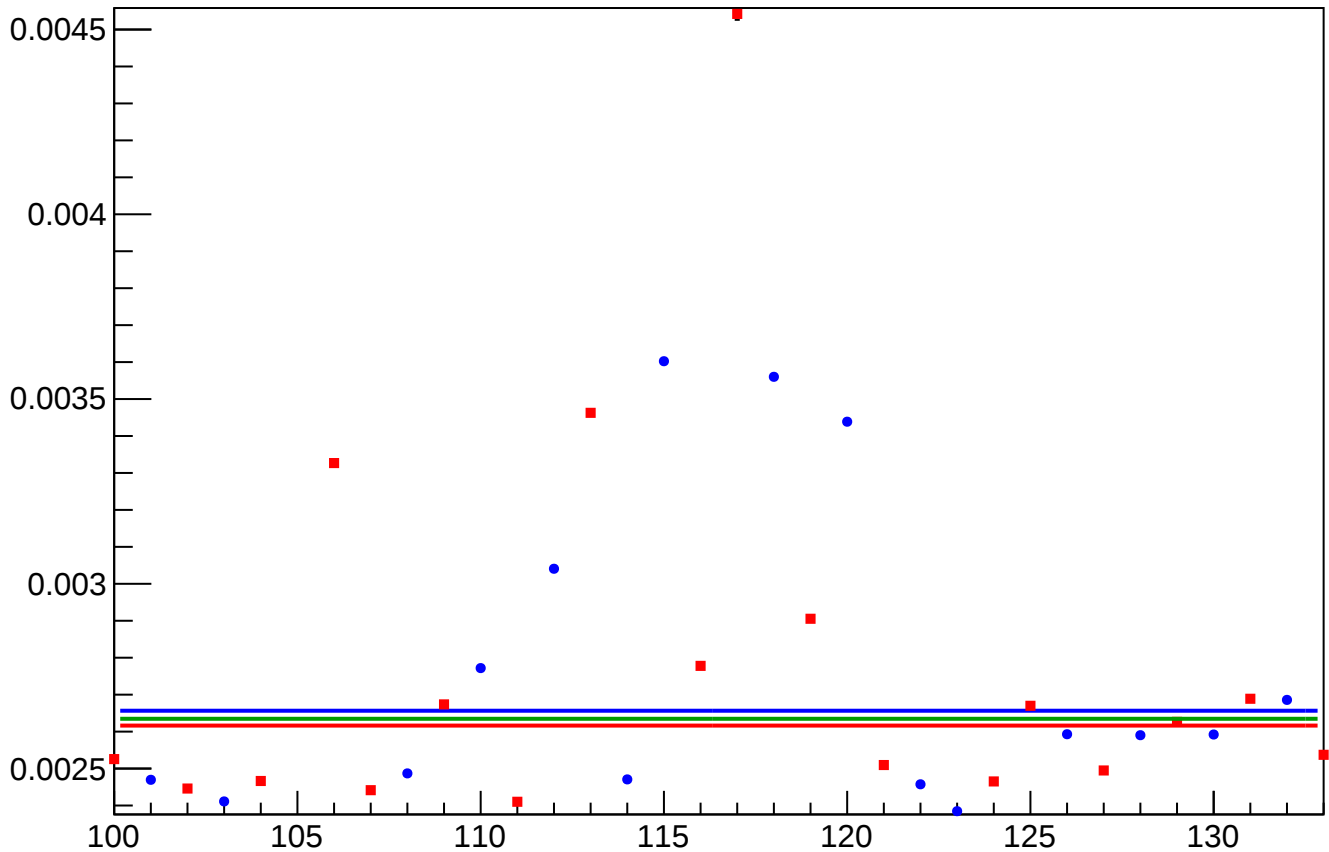
-1.637+/-0.000 χ^2/NDF : 256163626481.8

Right Out: -1.611+/-0.000 χ^2/NDF : 136547682864.3/17

-1.611+/-0.000 χ^2/NDF : 136547682864.3/17

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

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 : 118305.0/17

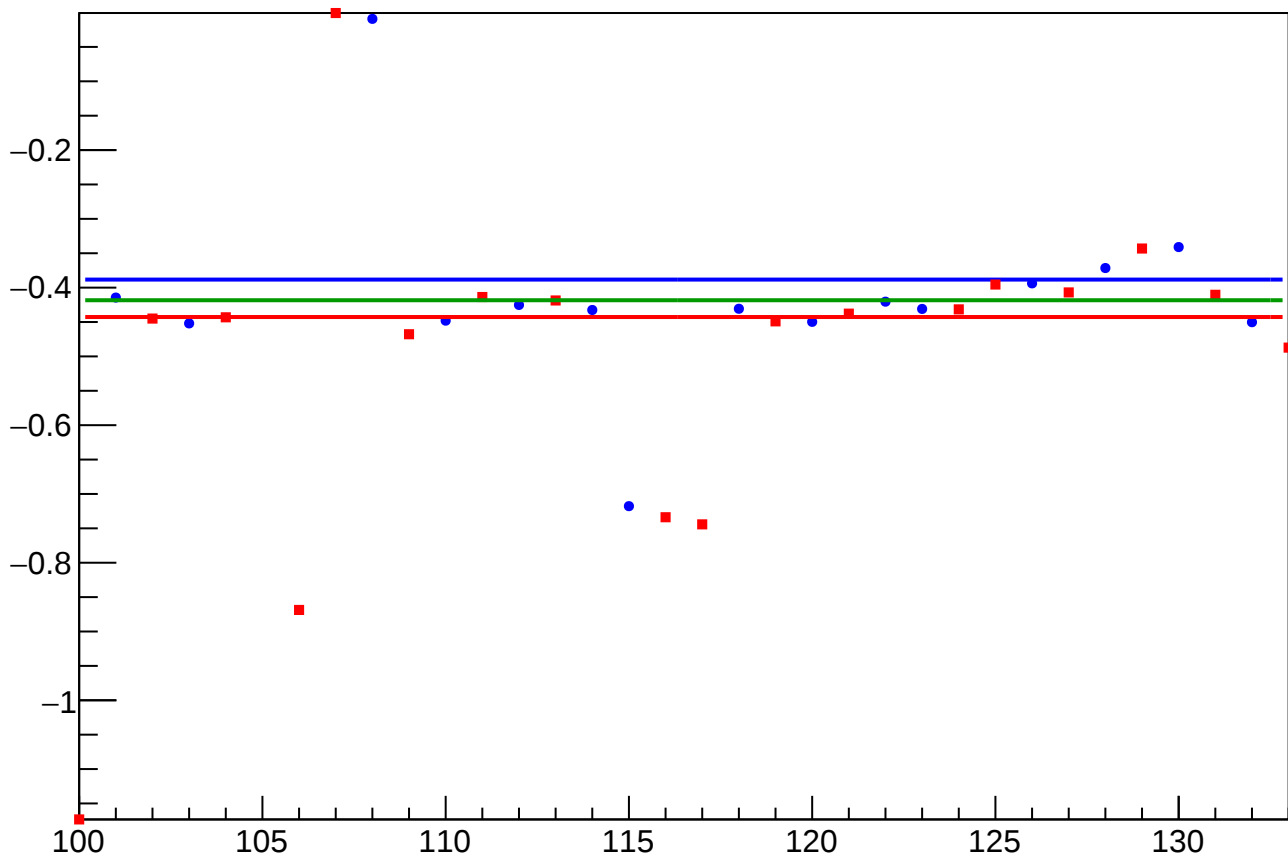
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 148184.3/14

0.003+/-0.000 χ^2/NDF : 267804.9/32

0.003+/-0.000 χ^2/NDF : 118305.0/17

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: -0.443+/-0.000 χ^2/NDF : 1696634028.0/17

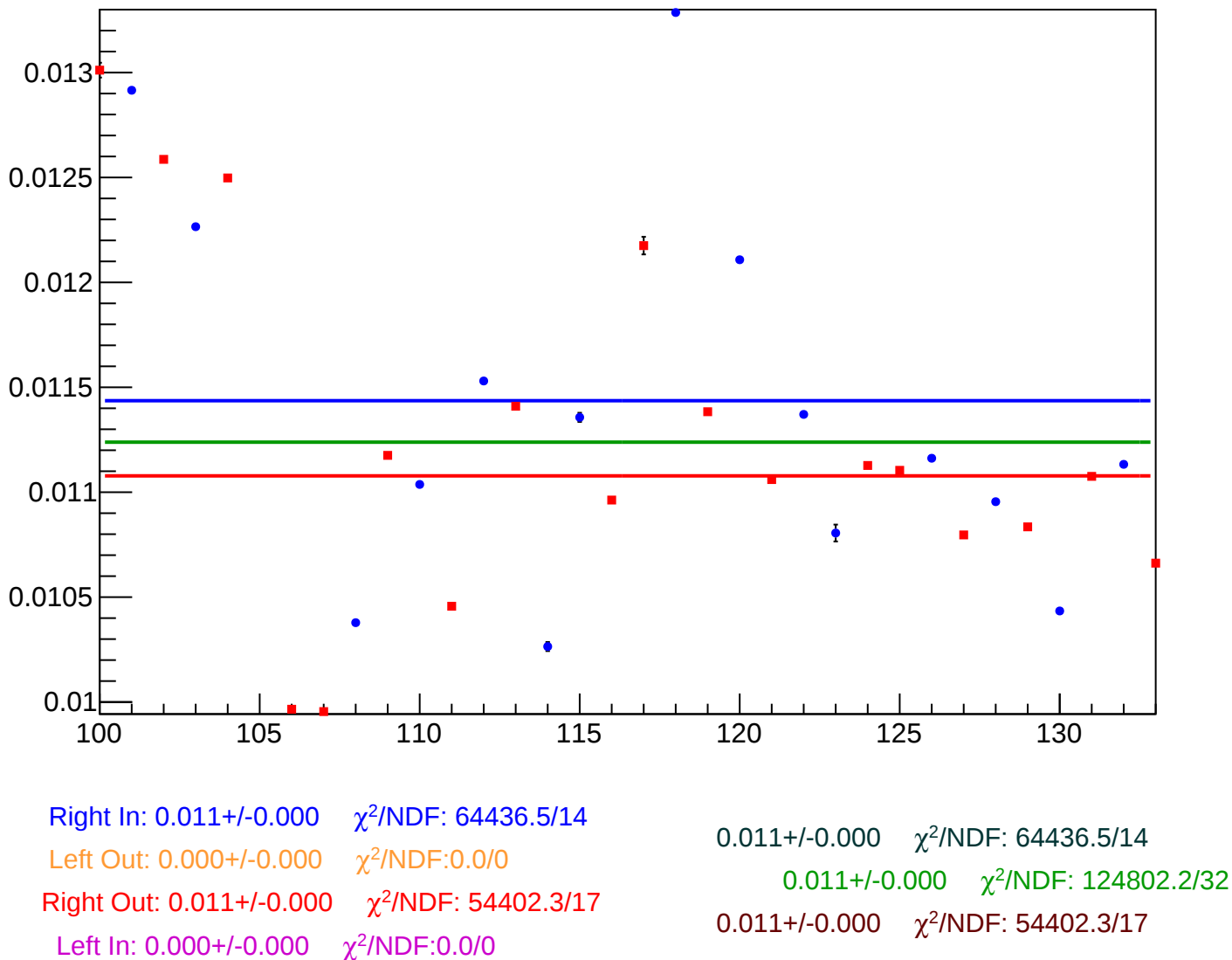
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.388+/-0.000 χ^2/NDF : 681298160.9/14

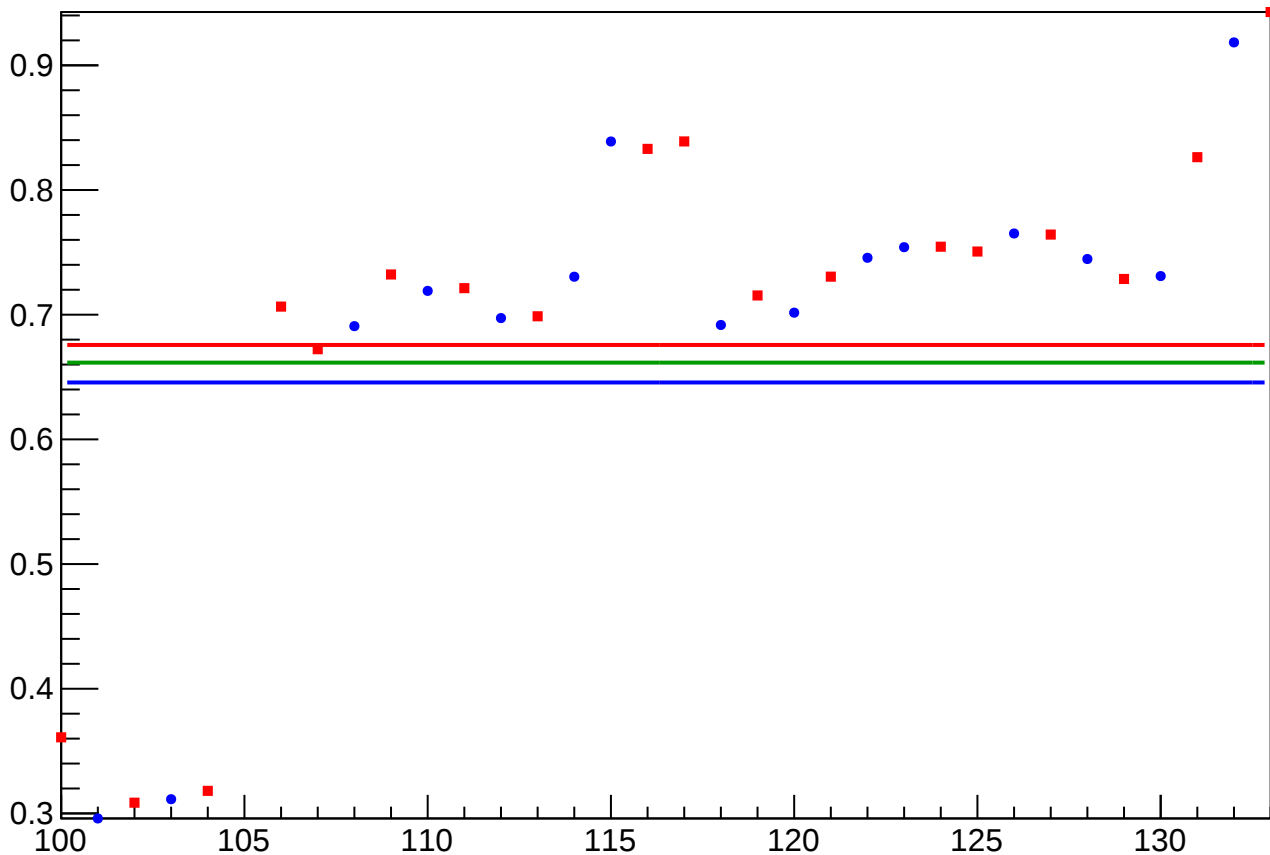
-0.418+/-0.000 χ^2/NDF : 2446778694.1/3

-0.443+/-0.000 χ^2/NDF : 1696634028.0/17

yield_bpm0l07X_rms vs Slug, Sign Corrected



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

0.646+/-0.000 χ^2/NDF : 32825211738.3/14

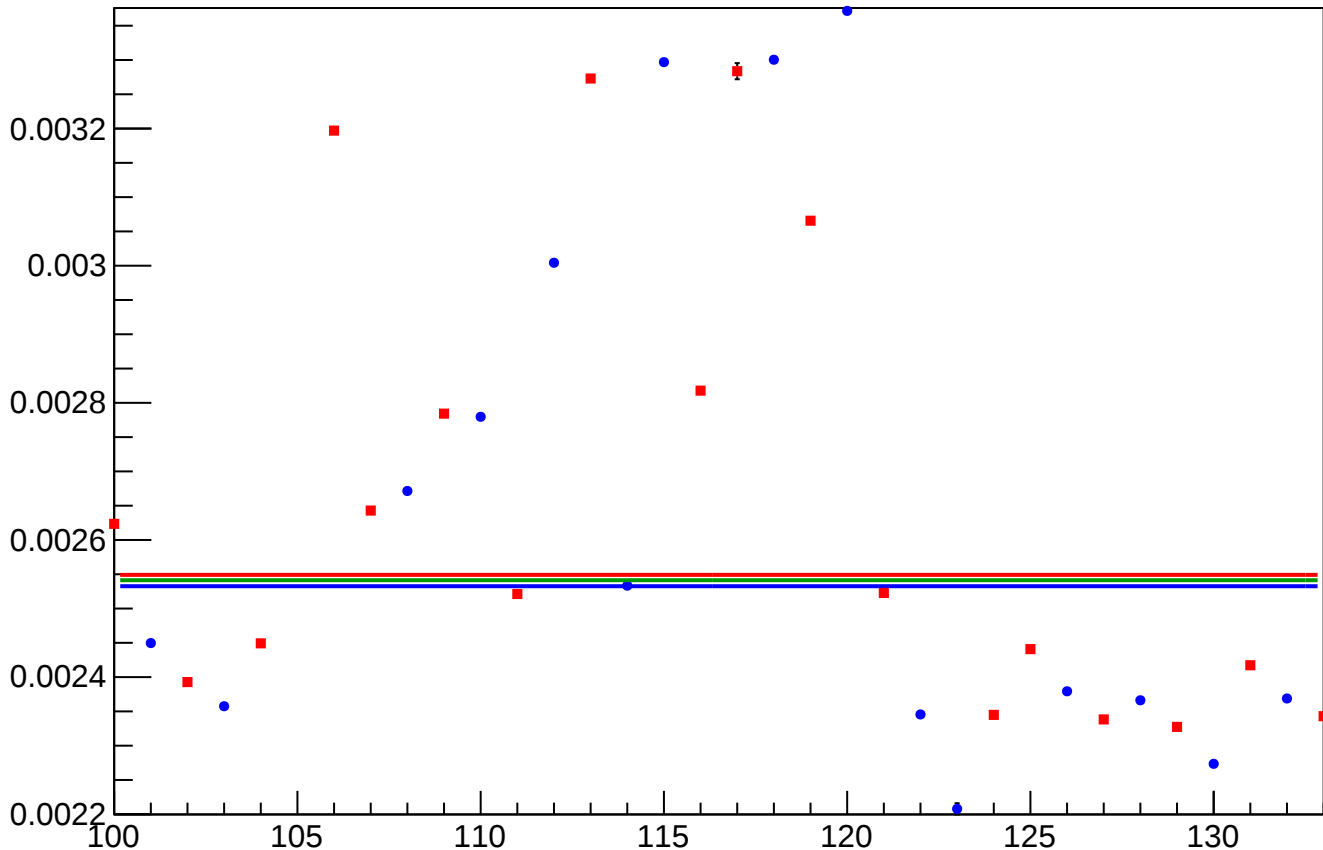
0.662+/-0.000 χ^2/NDF : 66884142048.9/3

Right Out: 0.676+/-0.000 χ^2/NDF : 33658142469.8/17

0.676+/-0.000 χ^2/NDF : 33658142469.8/17

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

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 : 131477.3/17

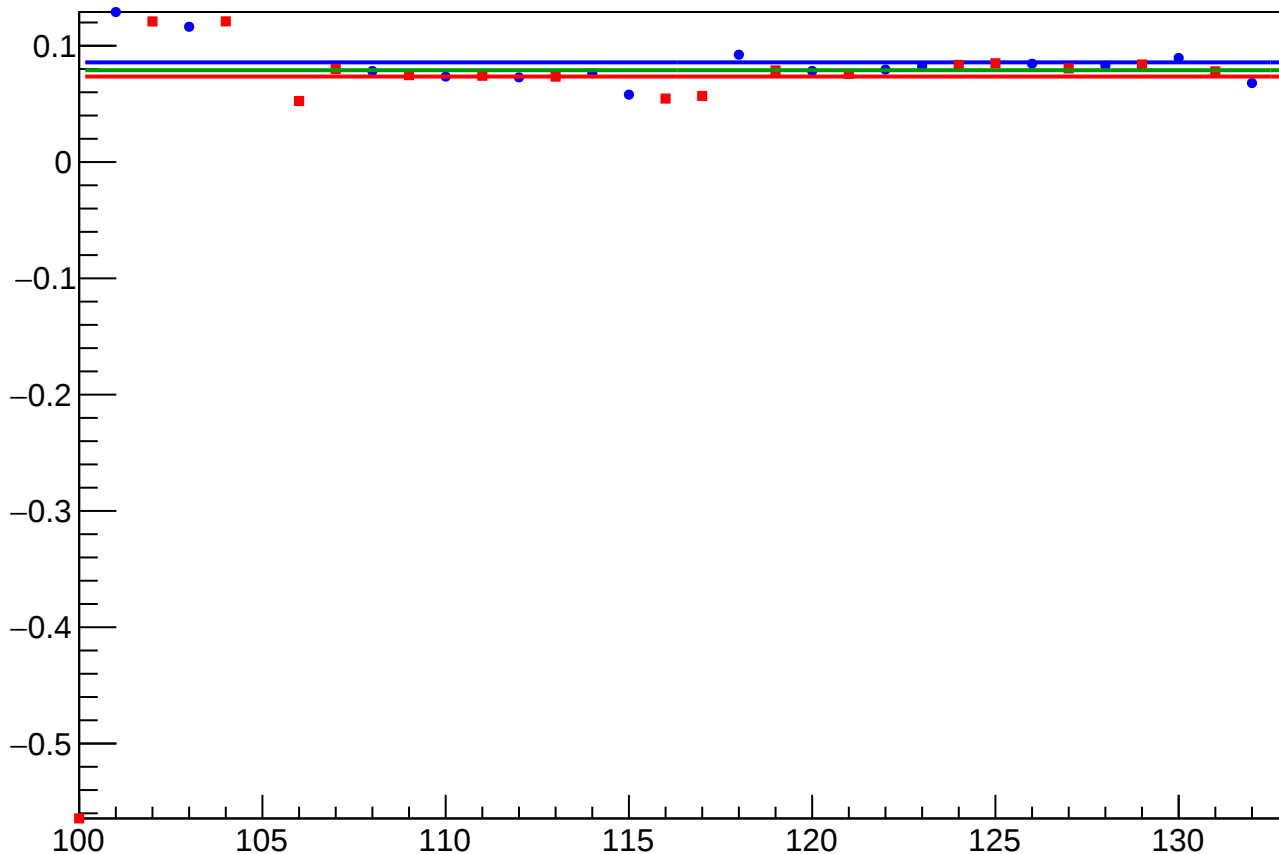
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 167253.3/14

0.003+/-0.000 χ^2/NDF : 298972.9/32

0.003+/-0.000 χ^2/NDF : 131477.3/17

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: 0.074+/-0.000 χ^2/NDF : 225777742.2/17

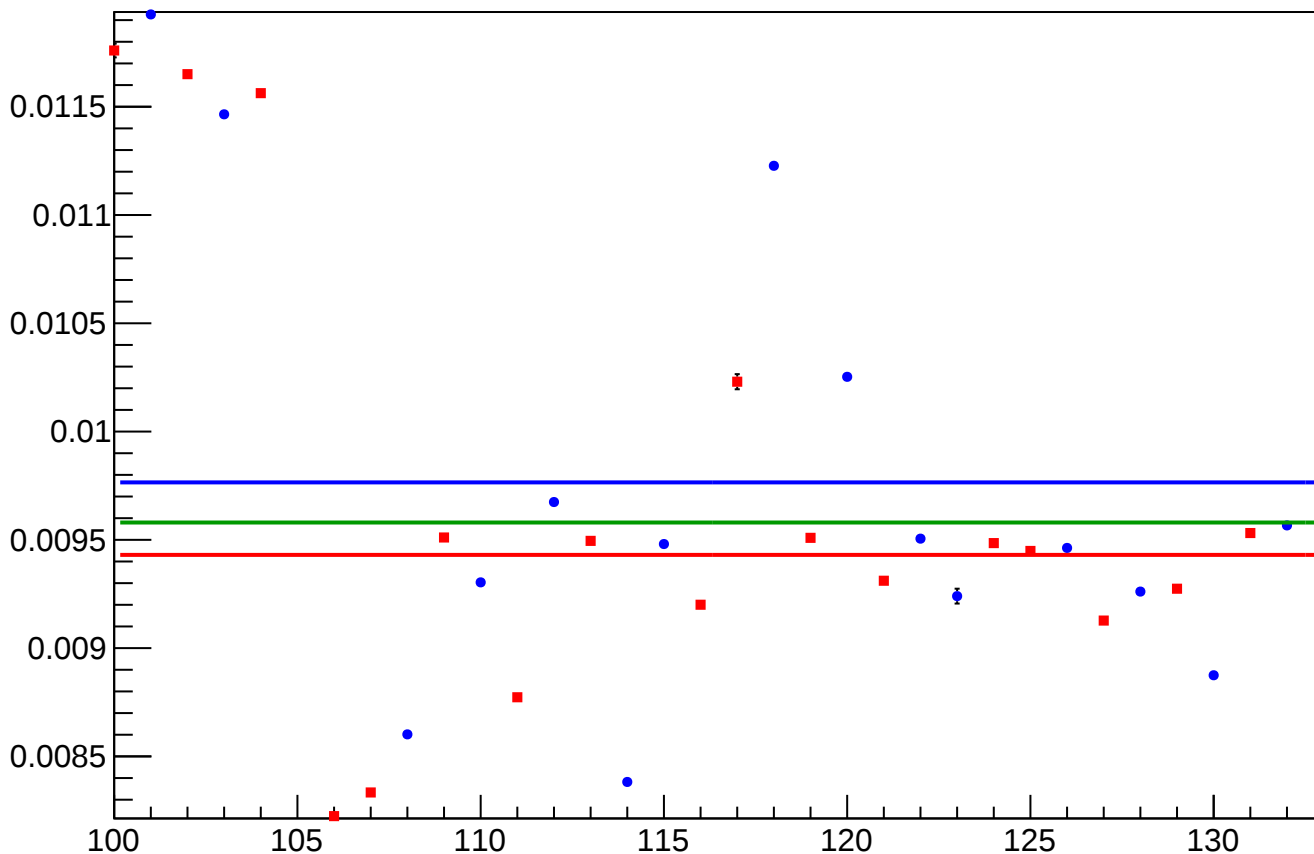
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.086+/-0.000 χ^2/NDF : 16482004.7/14

0.079+/-0.000 χ^2/NDF : 246981383.6/32

0.074+/-0.000 χ^2/NDF : 225777742.2/17

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 116071.2/14

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

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 109445.4/17

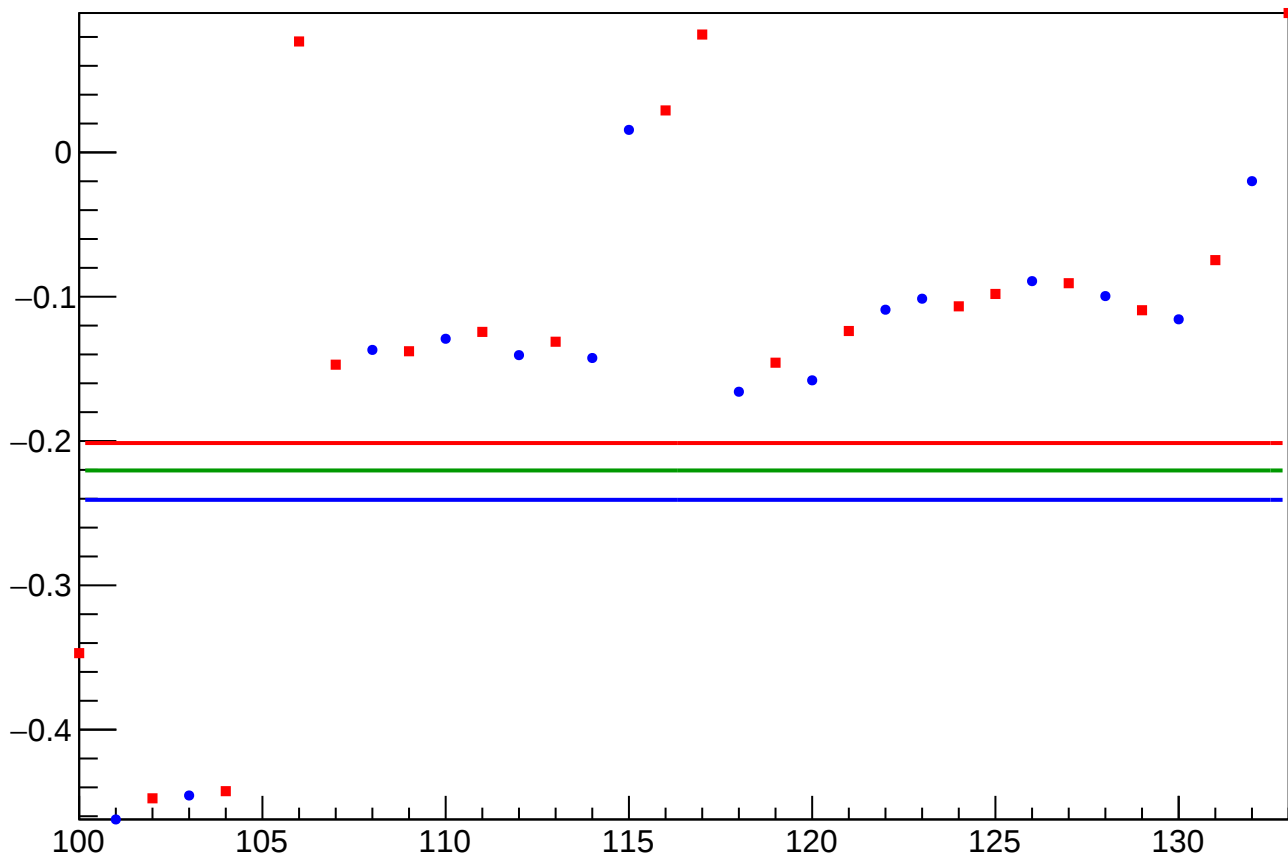
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 116071.2/14

0.010 $\pm$ 0.000 χ^2 /NDF: 232634.0/32

0.009 $\pm$ 0.000 χ^2 /NDF: 109445.4/17

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: -0.201+/-0.000 χ^2/NDF : 7725542767.9/17

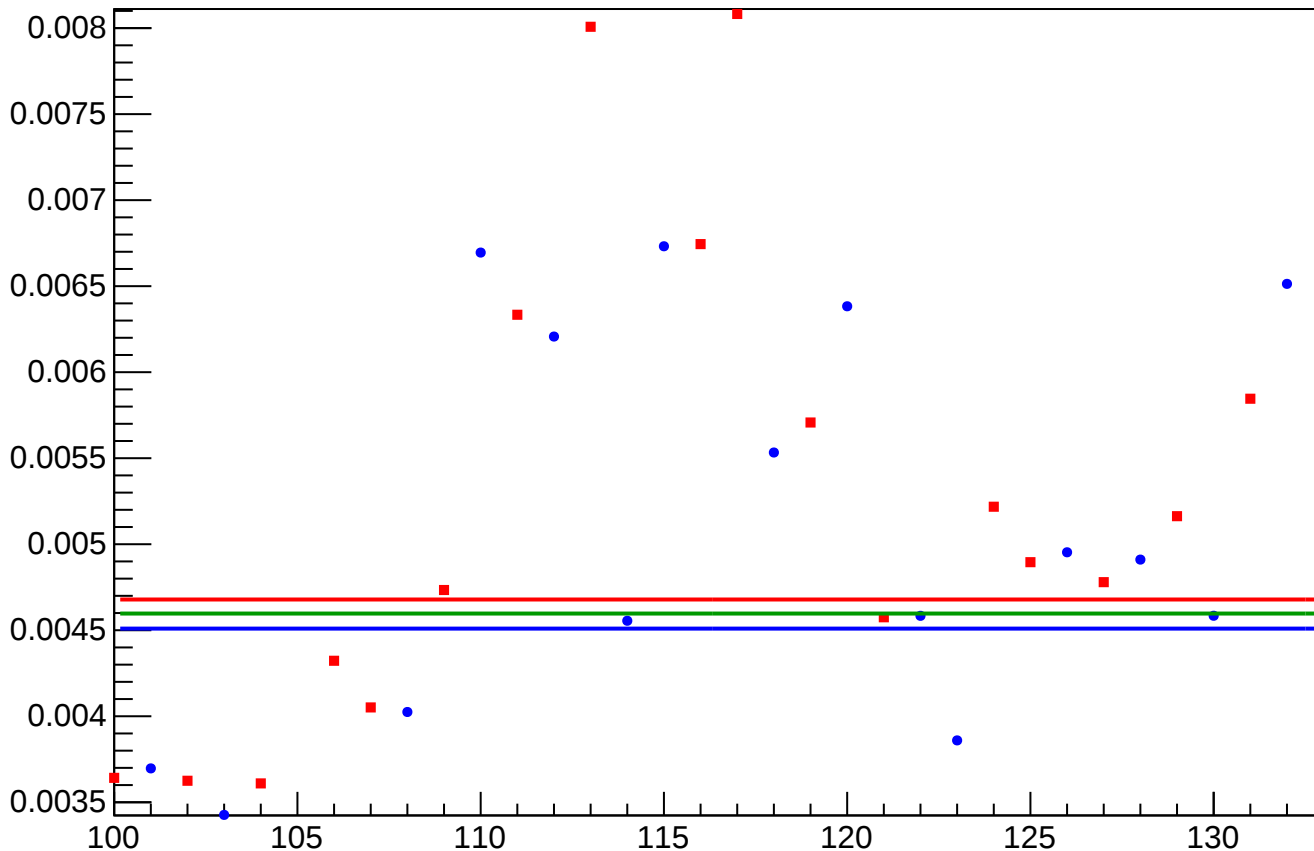
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.241+/-0.000 χ^2/NDF : 6586518199.1/14

-0.220+/-0.000 χ^2/NDF : 14505925712.6/3

-0.201+/-0.000 χ^2/NDF : 7725542767.9/17

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 : 564192.9/17

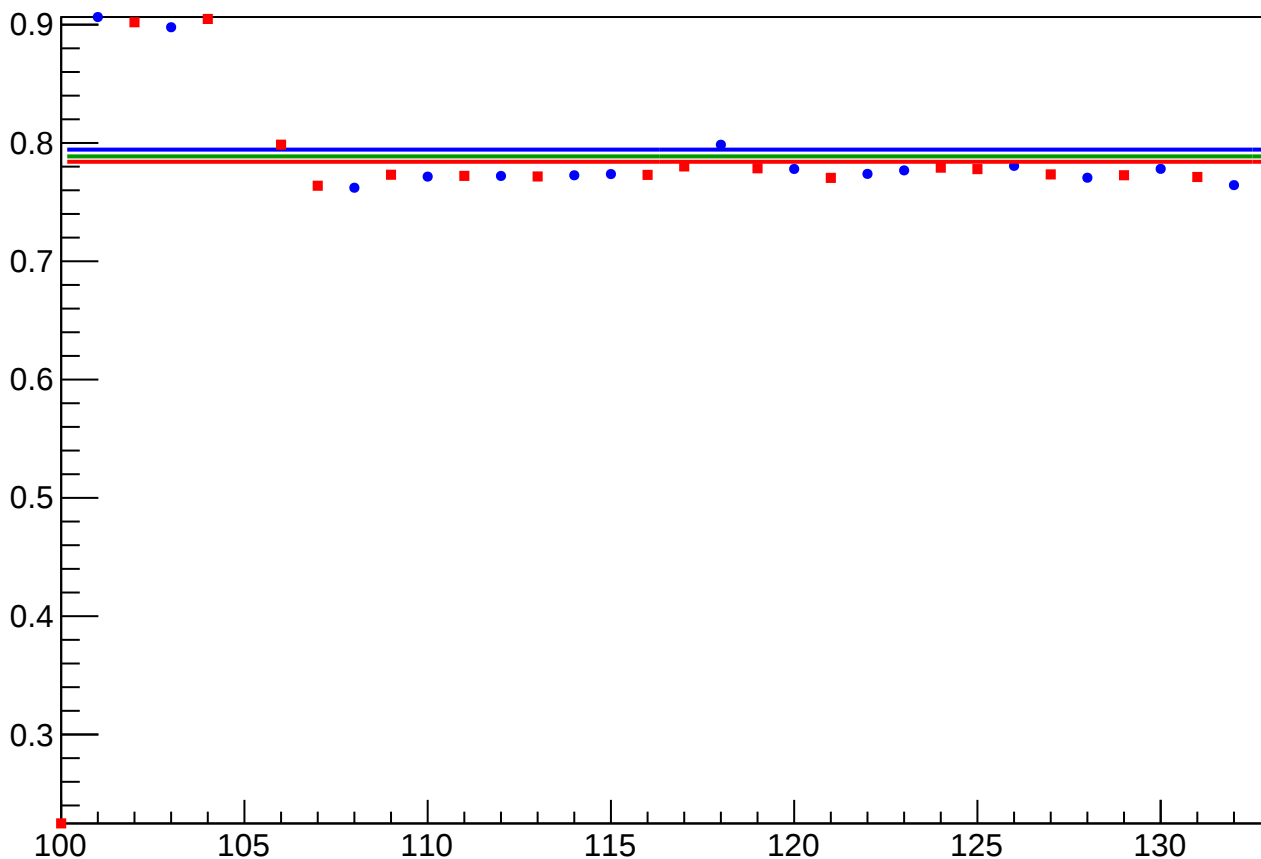
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 482301.1/14

0.005+/-0.000 χ^2/NDF : 1053661.7/32

0.005+/-0.000 χ^2/NDF : 564192.9/17

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: 0.784+/-0.000 χ^2/NDF : 245176450.1/17

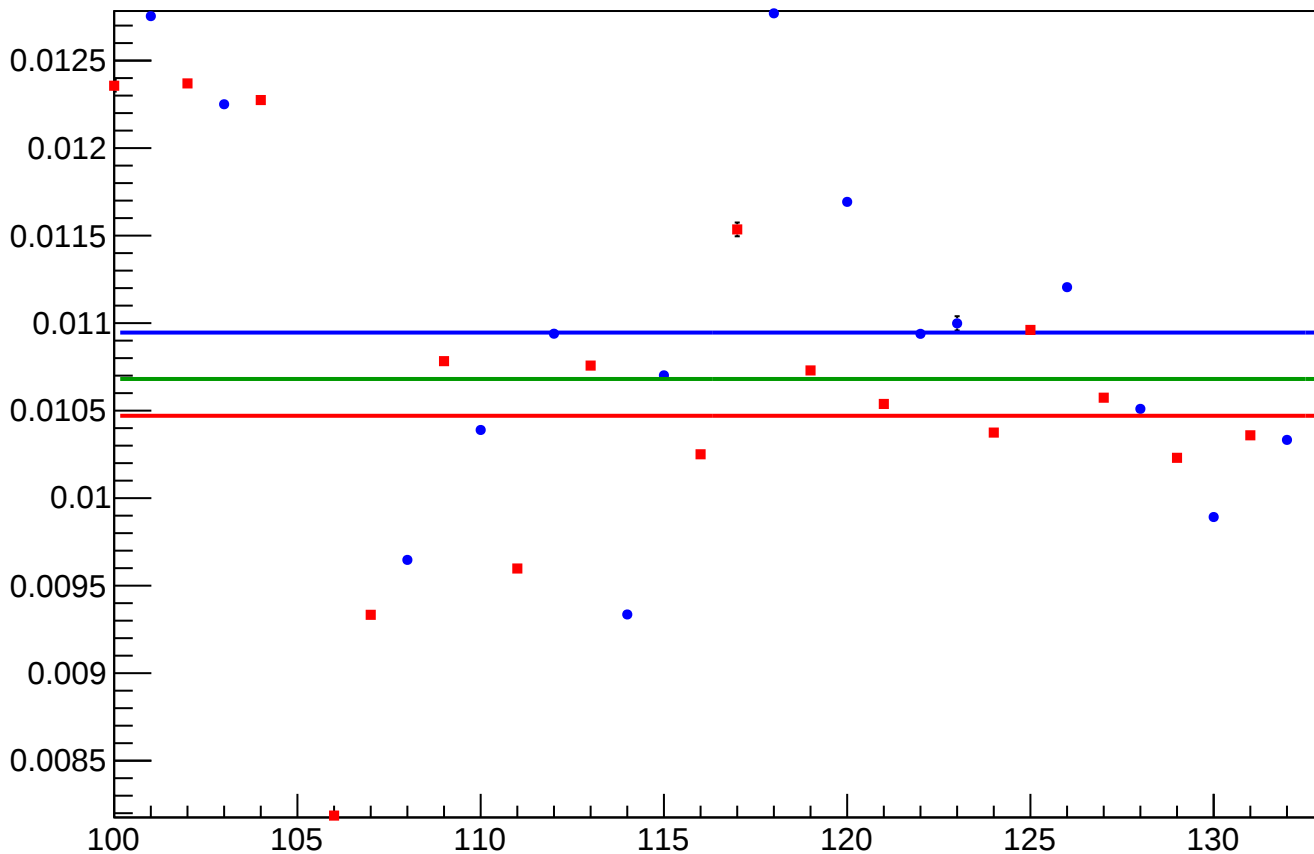
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.794+/-0.000 χ^2/NDF : 102547485.3/14

0.789+/-0.000 χ^2/NDF : 350415955.3/32

0.784+/-0.000 χ^2/NDF : 245176450.1/17

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 : 118285.9/17

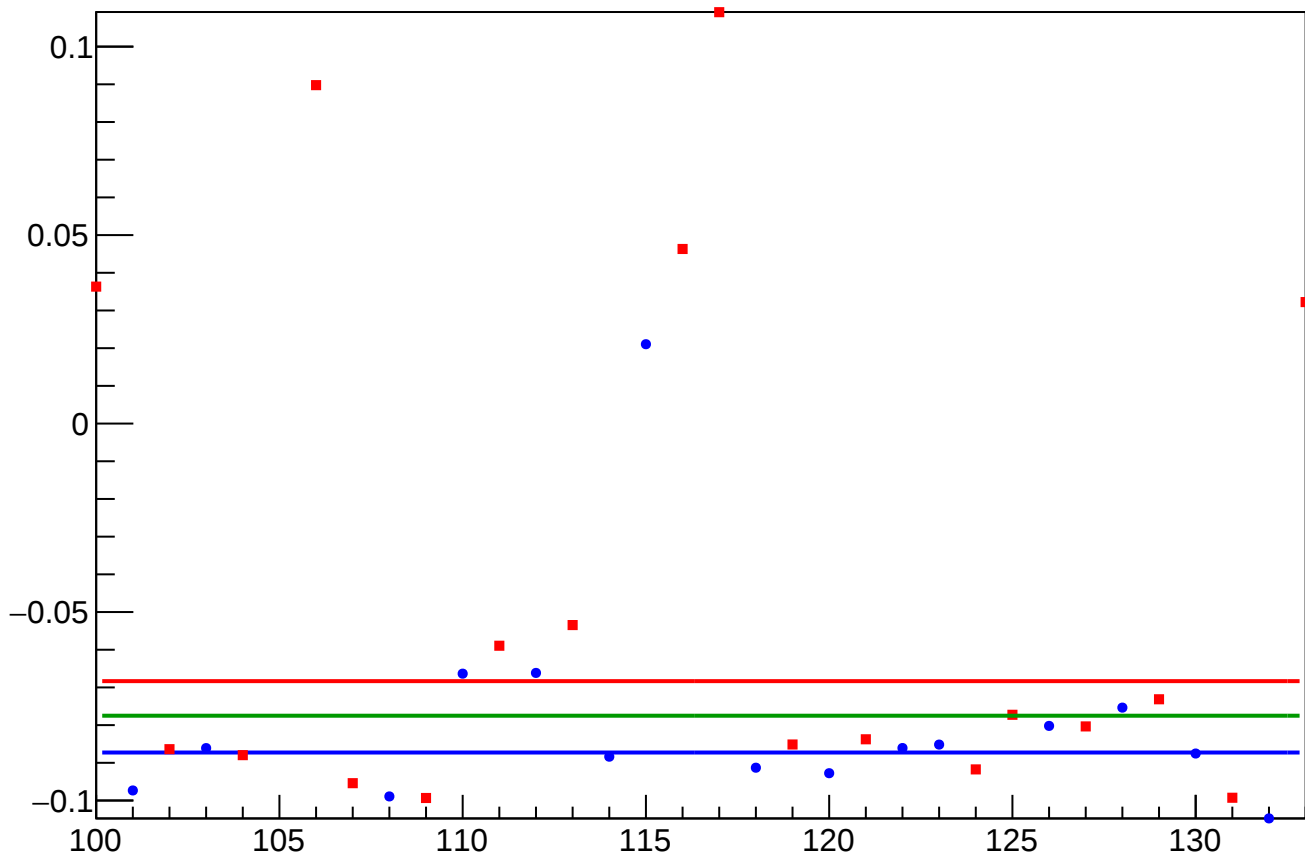
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 95841.9/14

0.011+/-0.000 χ^2/NDF : 225659.9/32

0.010+/-0.000 χ^2/NDF : 118285.9/17

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.087+/-0.000 χ^2 /NDF: 39907243.9/14

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

Right Out: -0.068+/-0.000 χ^2 /NDF: 532640251.5/17

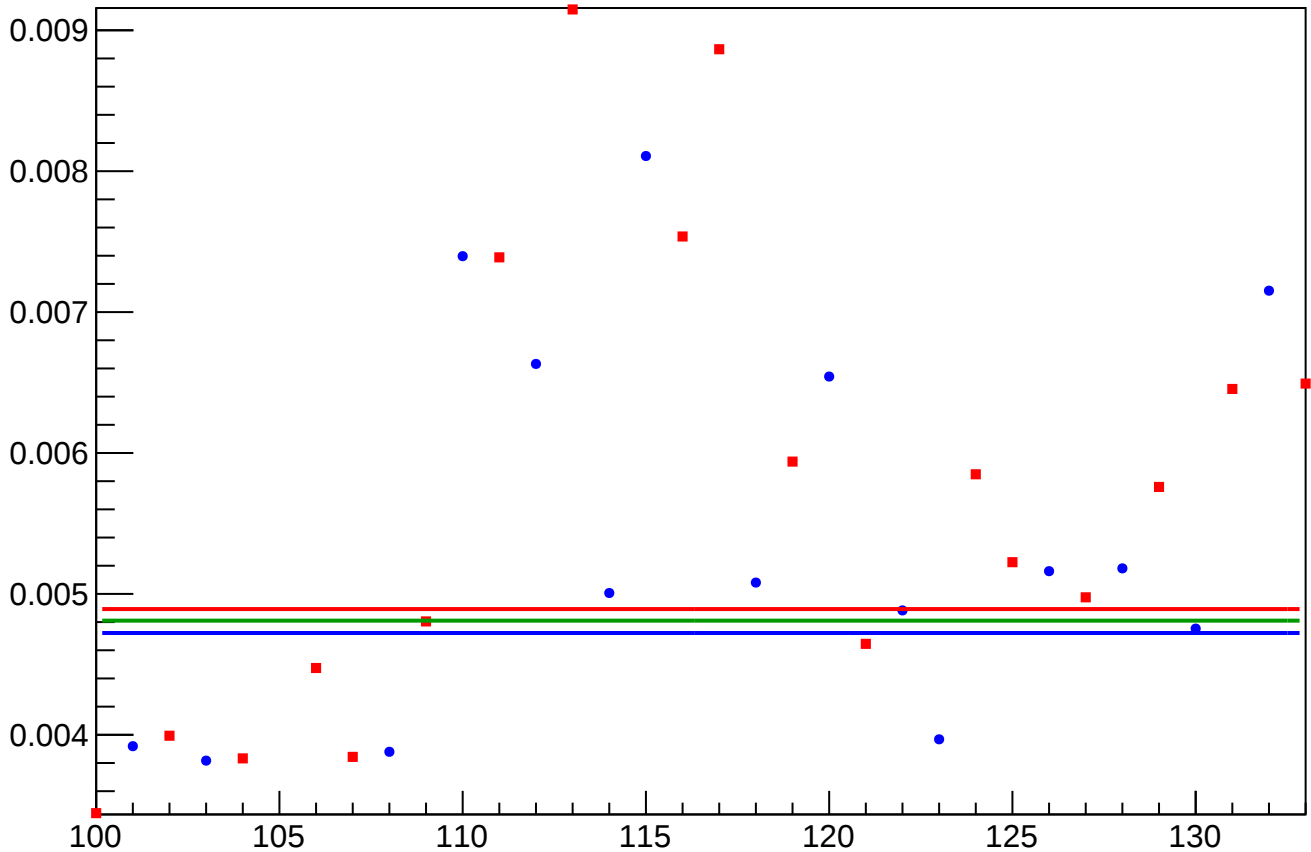
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.087+/-0.000 χ^2 /NDF: 39907243.9/14

-0.078+/-0.000 χ^2 /NDF: 611894421.5/32

-0.068+/-0.000 χ^2 /NDF: 532640251.5/17

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 : 668972.0/17

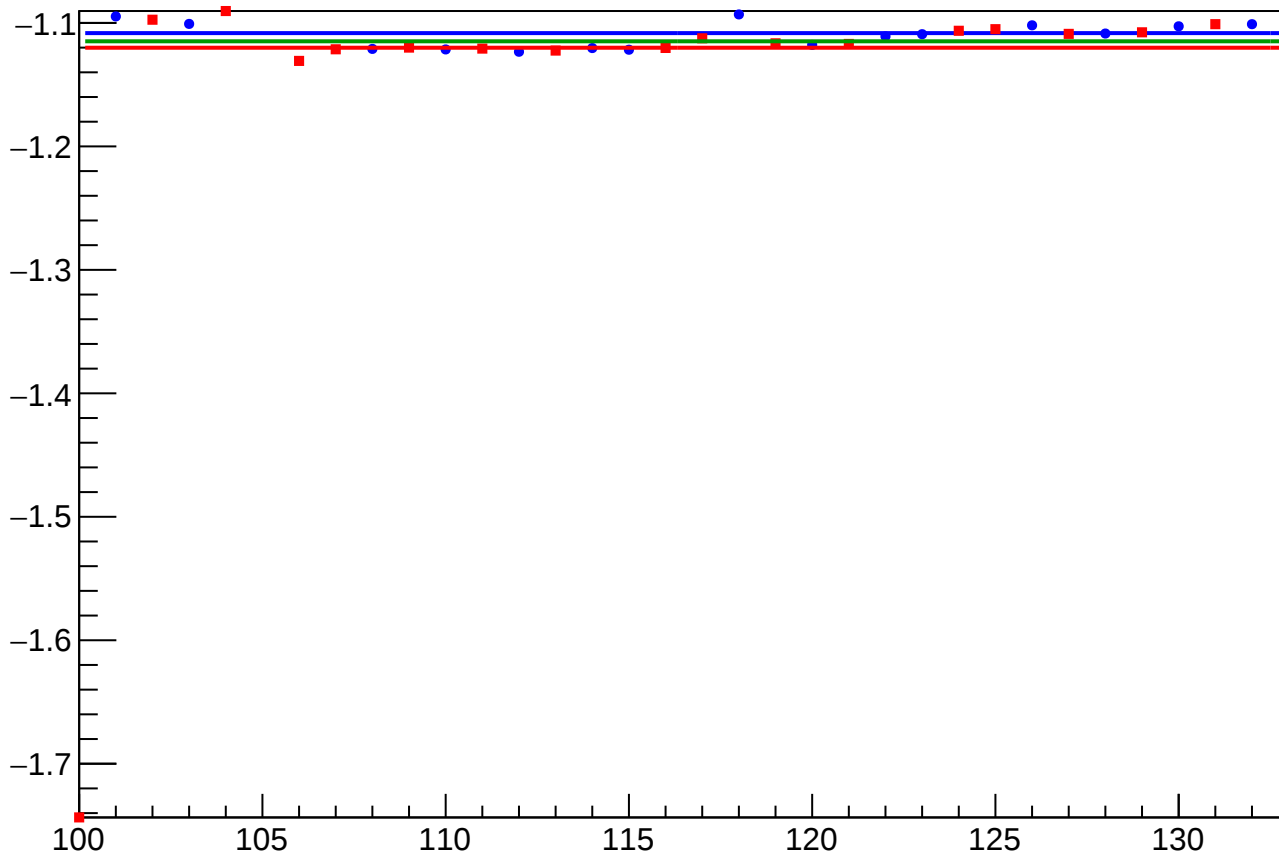
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 455100.6/14

0.005+/-0.000 χ^2/NDF : 1130405.7/32

0.005+/-0.000 χ^2/NDF : 668972.0/17

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.108 ± 0.000 $\chi^2/\text{NDF}: 4025200.4/14$

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

Right Out: -1.120 ± 0.000 $\chi^2/\text{NDF}: 208197173.3/17$

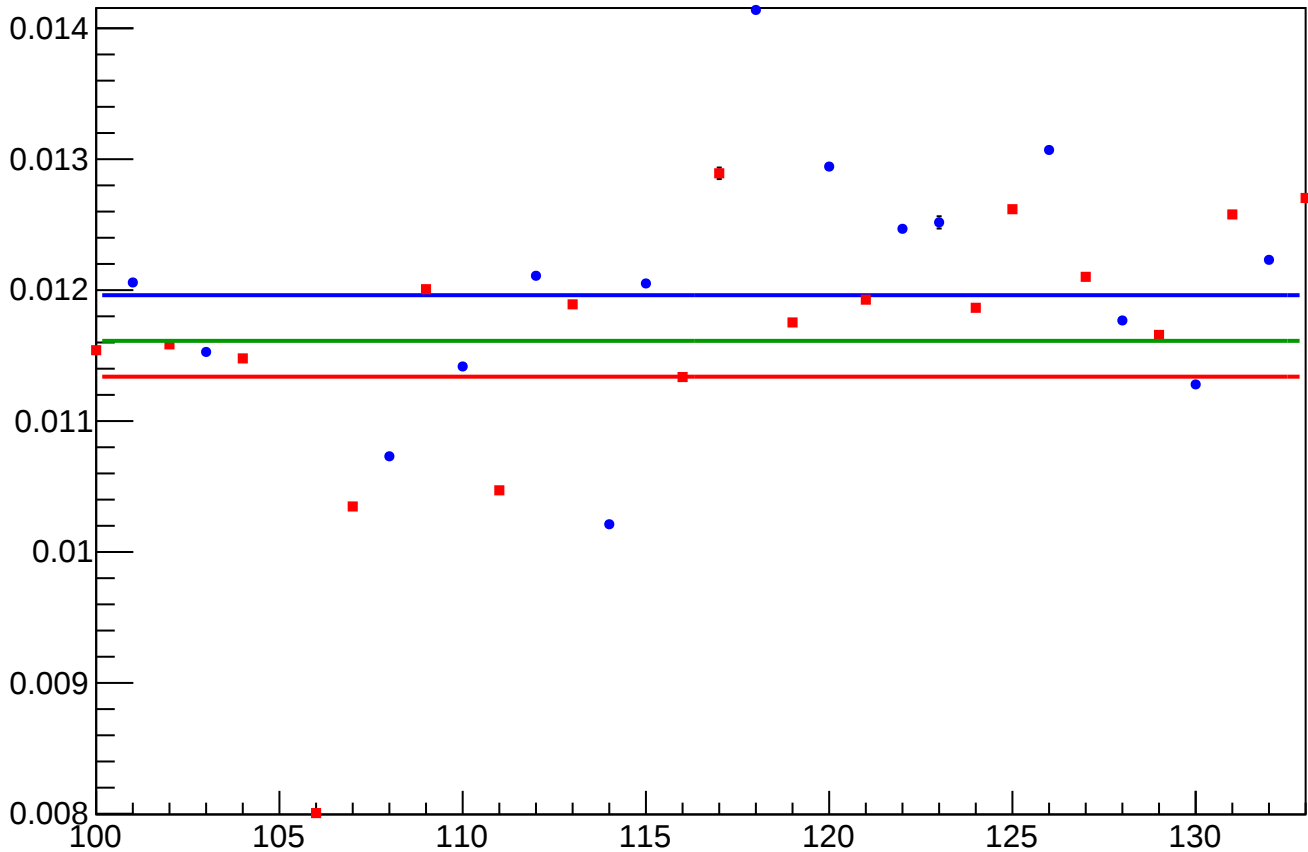
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.108 ± 0.000 $\chi^2/\text{NDF}: 4025200.4/14$

-1.115 ± 0.000 $\chi^2/\text{NDF}: 215229486.5/32$

-1.120 ± 0.000 $\chi^2/\text{NDF}: 208197173.3/17$

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 56368.4/14

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

Right Out: 0.011+/-0.000 χ^2/NDF : 152083.4/17

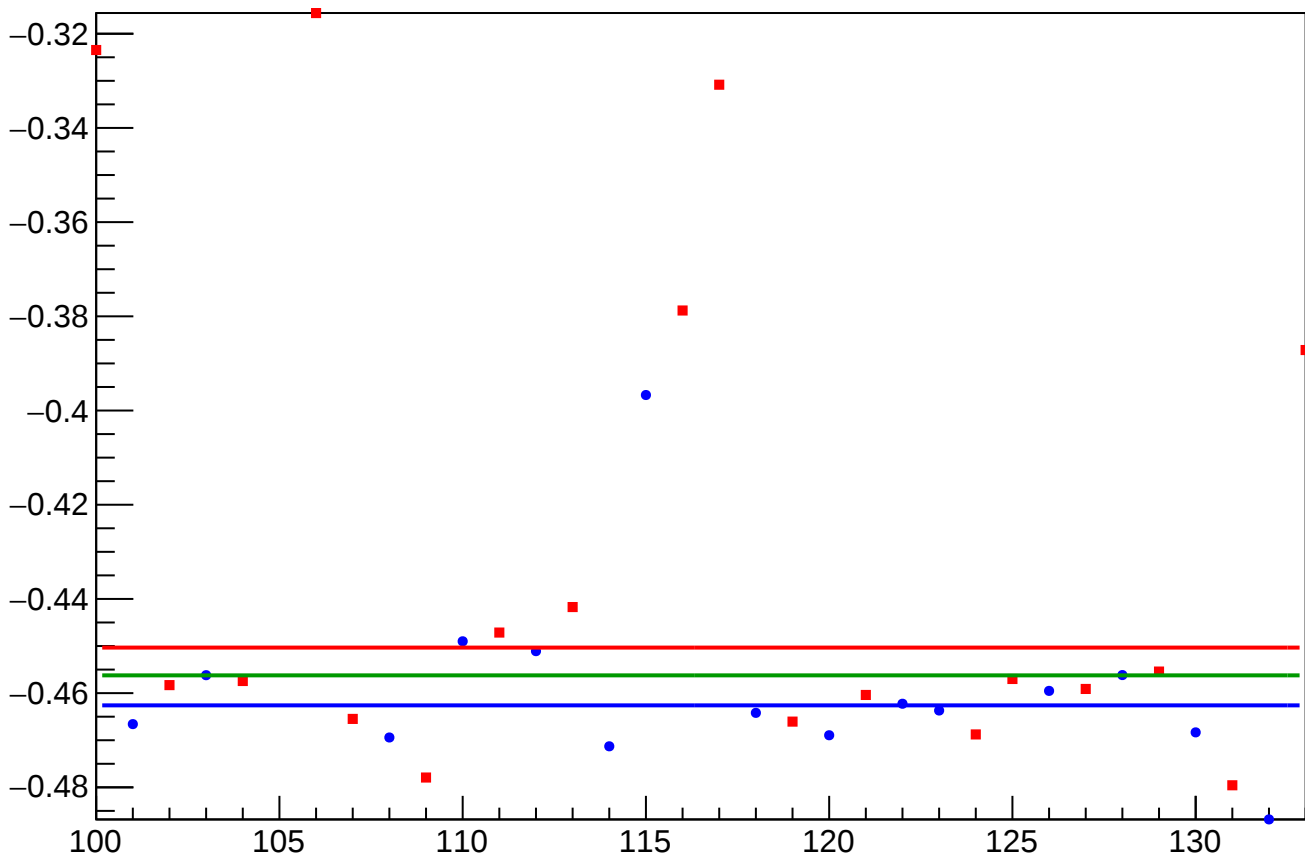
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 56368.4/14

0.012+/-0.000 χ^2/NDF : 225059.3/32

0.011+/-0.000 χ^2/NDF : 152083.4/17

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: -0.450+/-0.000 χ^2/NDF : 426250149.7/17

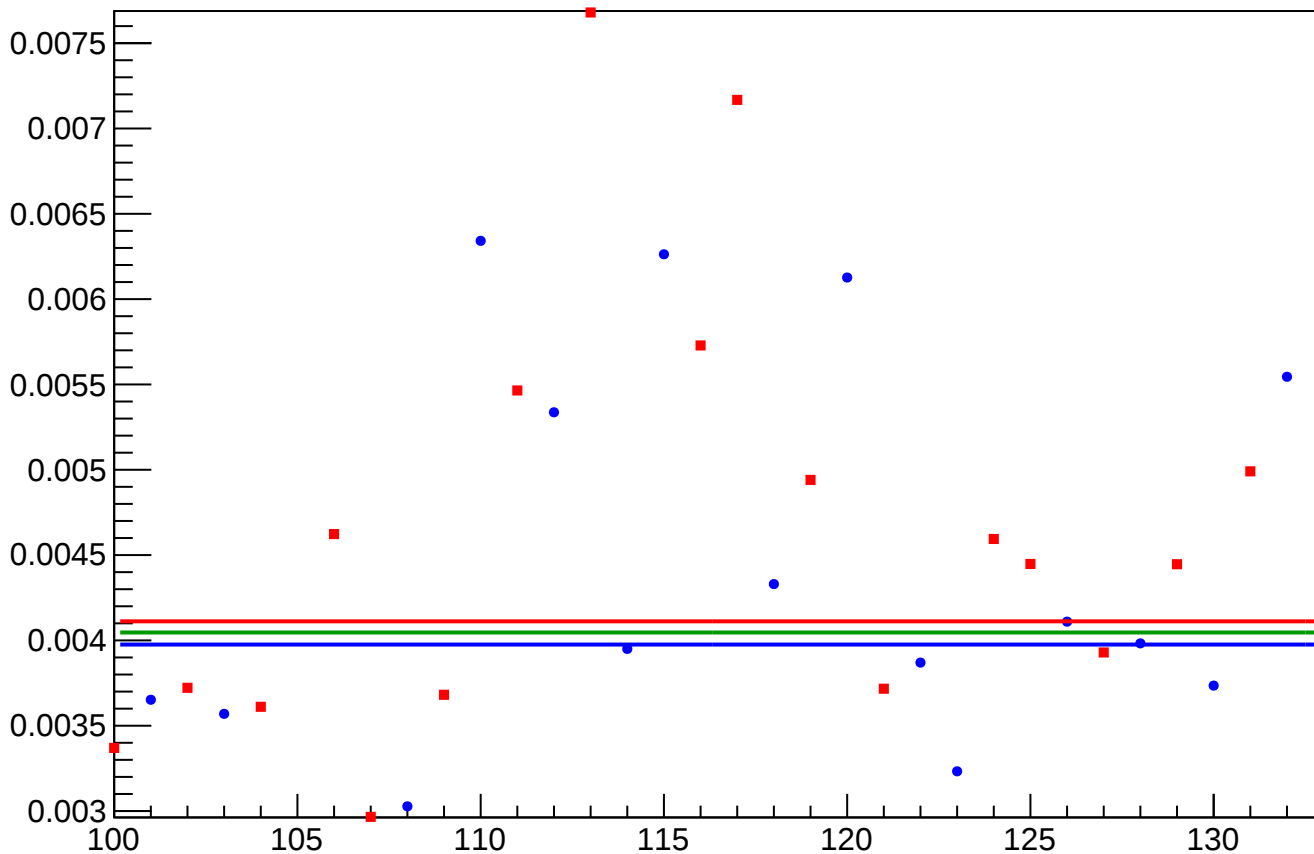
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.463+/-0.000 χ^2/NDF : 28753184.4/14

-0.456+/-0.000 χ^2/NDF : 478449880.5/32

-0.450+/-0.000 χ^2/NDF : 426250149.7/17

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 : 515707.3/17

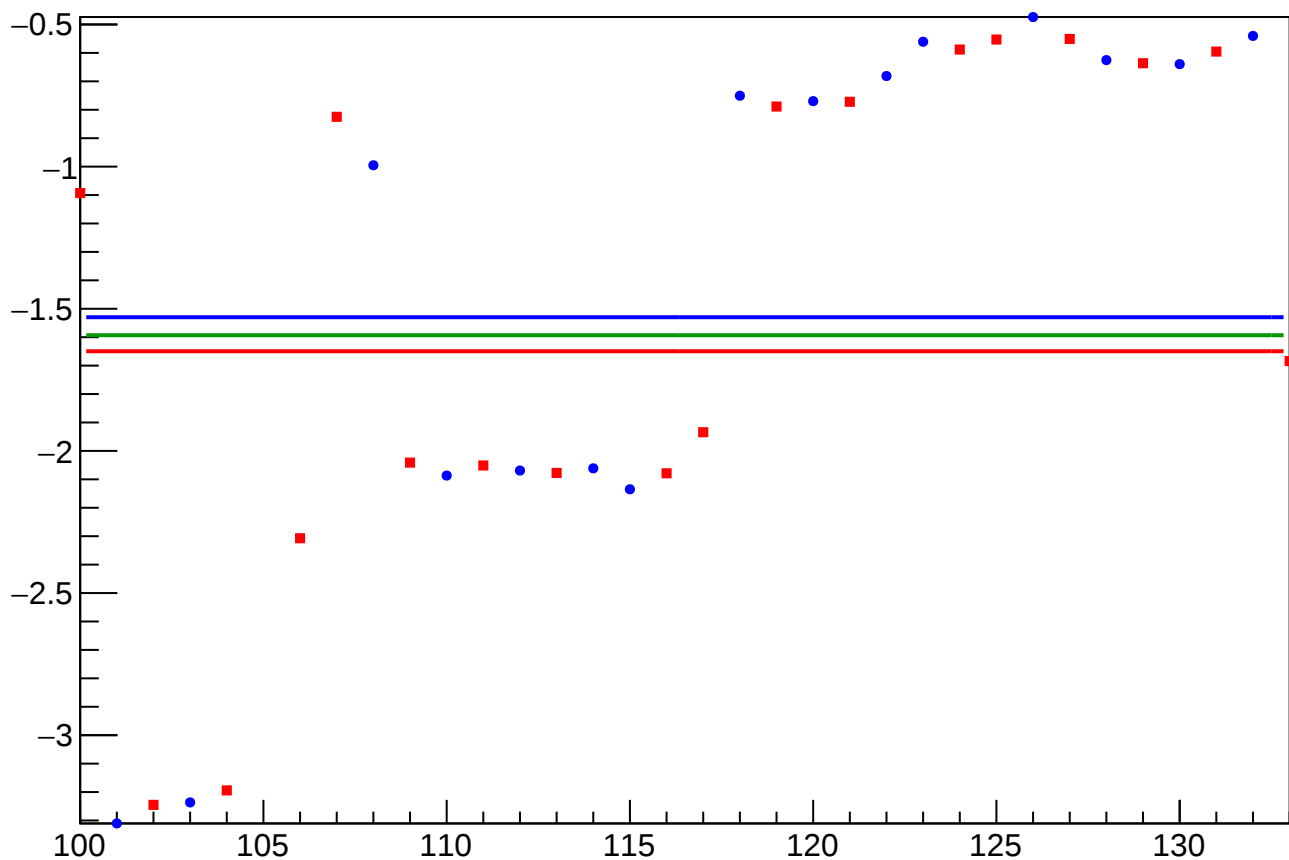
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 389671.4/14

0.004+/-0.000 χ^2/NDF : 911149.3/32

0.004+/-0.000 χ^2/NDF : 515707.3/17

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: -1.649+/-0.000 χ^2/NDF : 1056890020.8/17

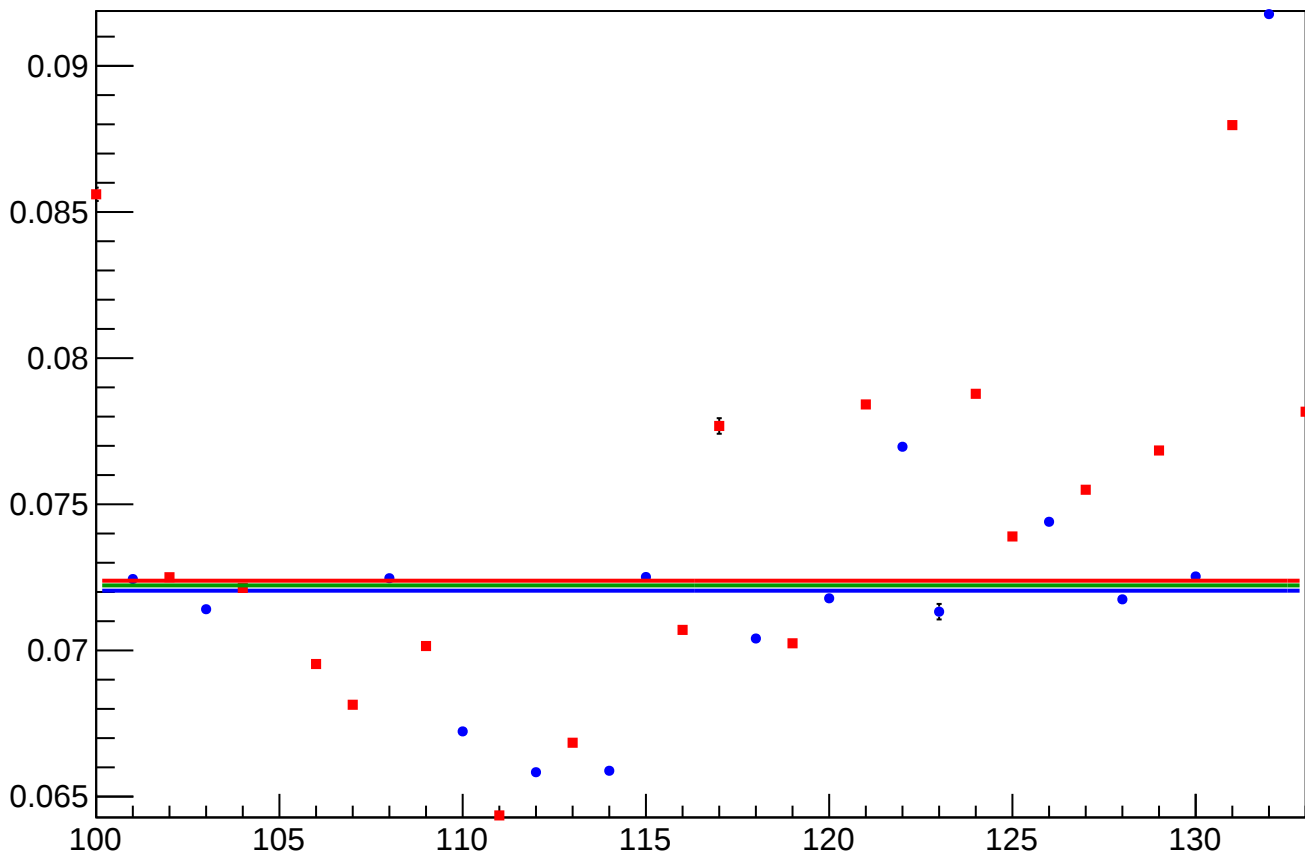
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.530+/-0.000 χ^2/NDF : 1196074111.9/14

-1.593+/-0.000 χ^2/NDF : 2261133017.0/3

-1.649+/-0.000 χ^2/NDF : 1056890020.8/17

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 : 67043.9/17

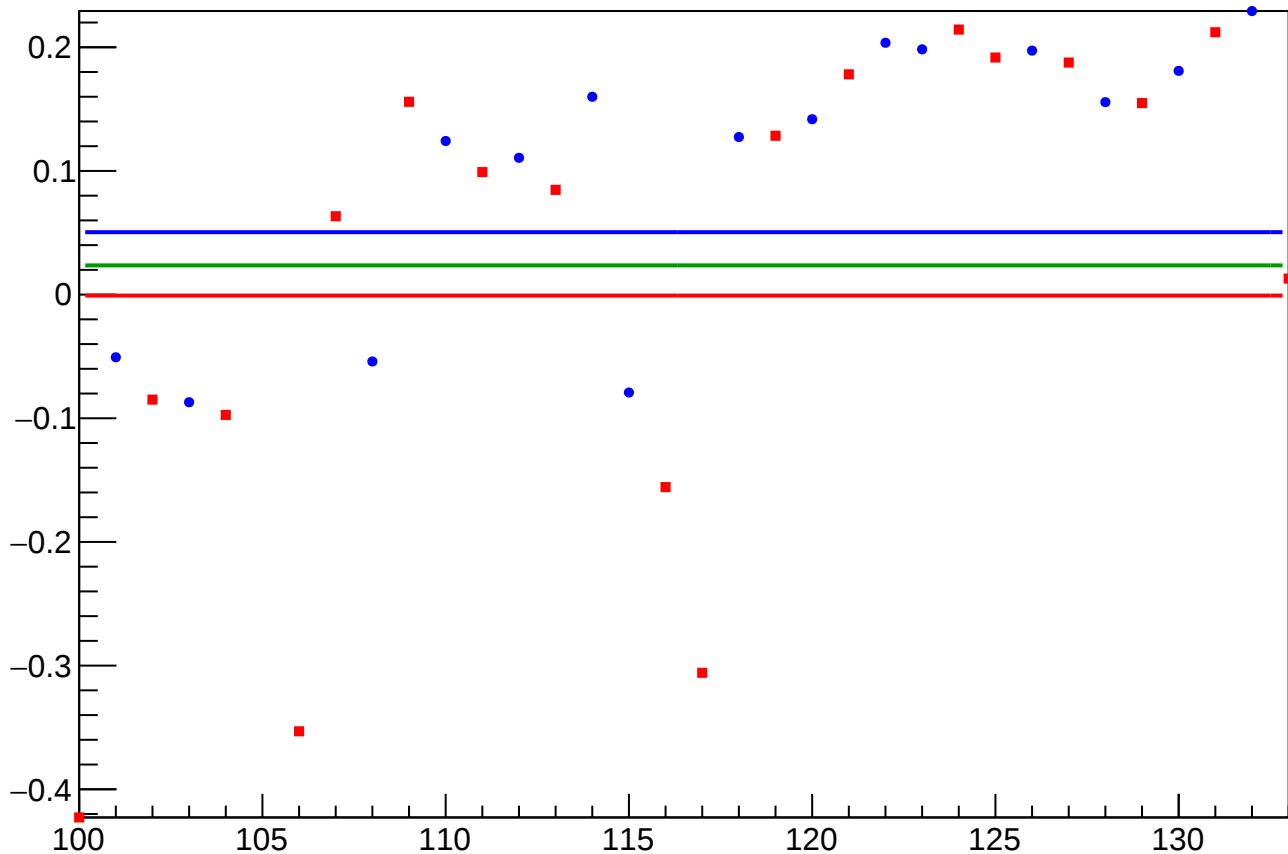
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 53506.2/14

0.072+/-0.000 χ^2/NDF : 120683.0/32

0.072+/-0.000 χ^2/NDF : 67043.9/17

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 : 1194623154.4/17

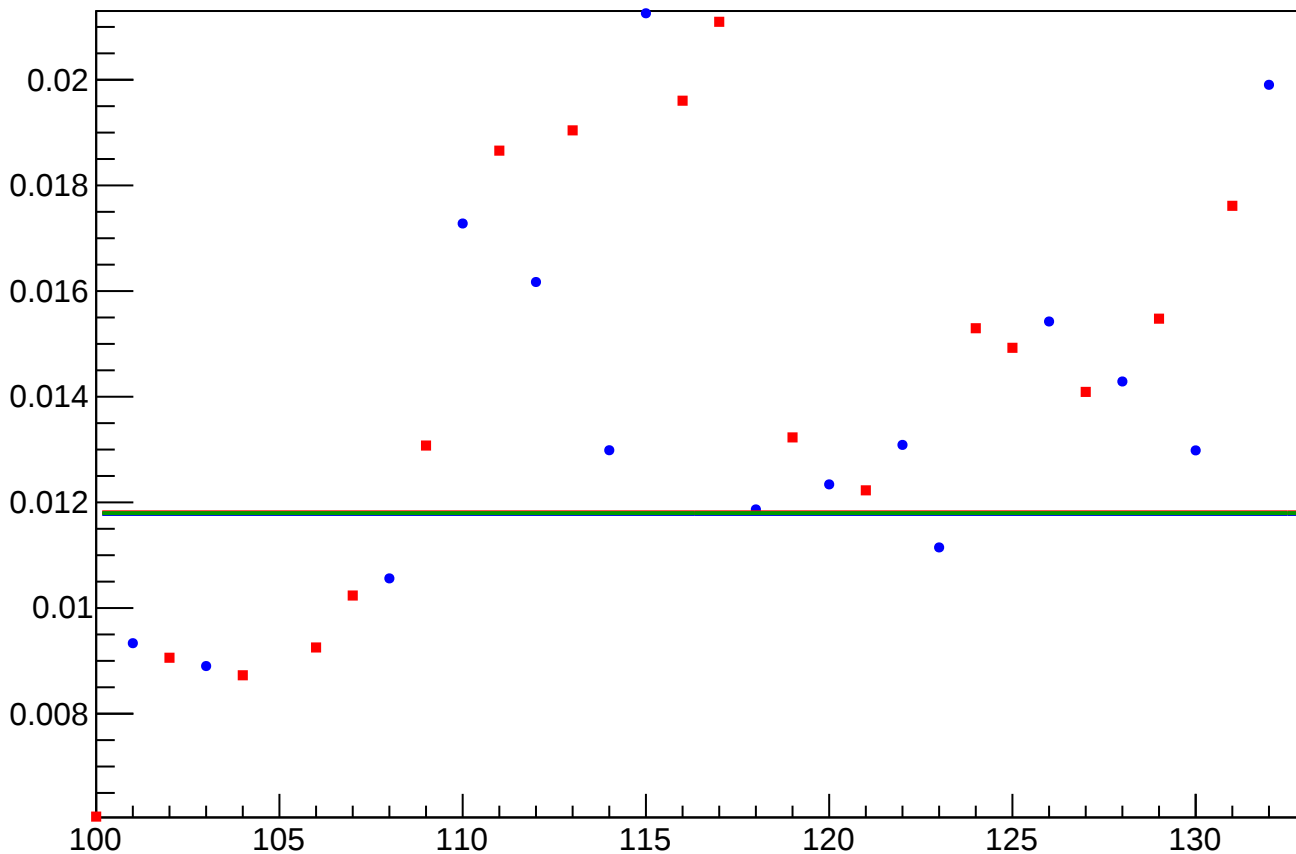
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.050+/-0.000 χ^2/NDF : 471910992.1/14

0.024+/-0.000 χ^2/NDF : 1714522680.5/32

-0.001+/-0.000 χ^2/NDF : 1194623154.4/17

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 : 984351.3/17

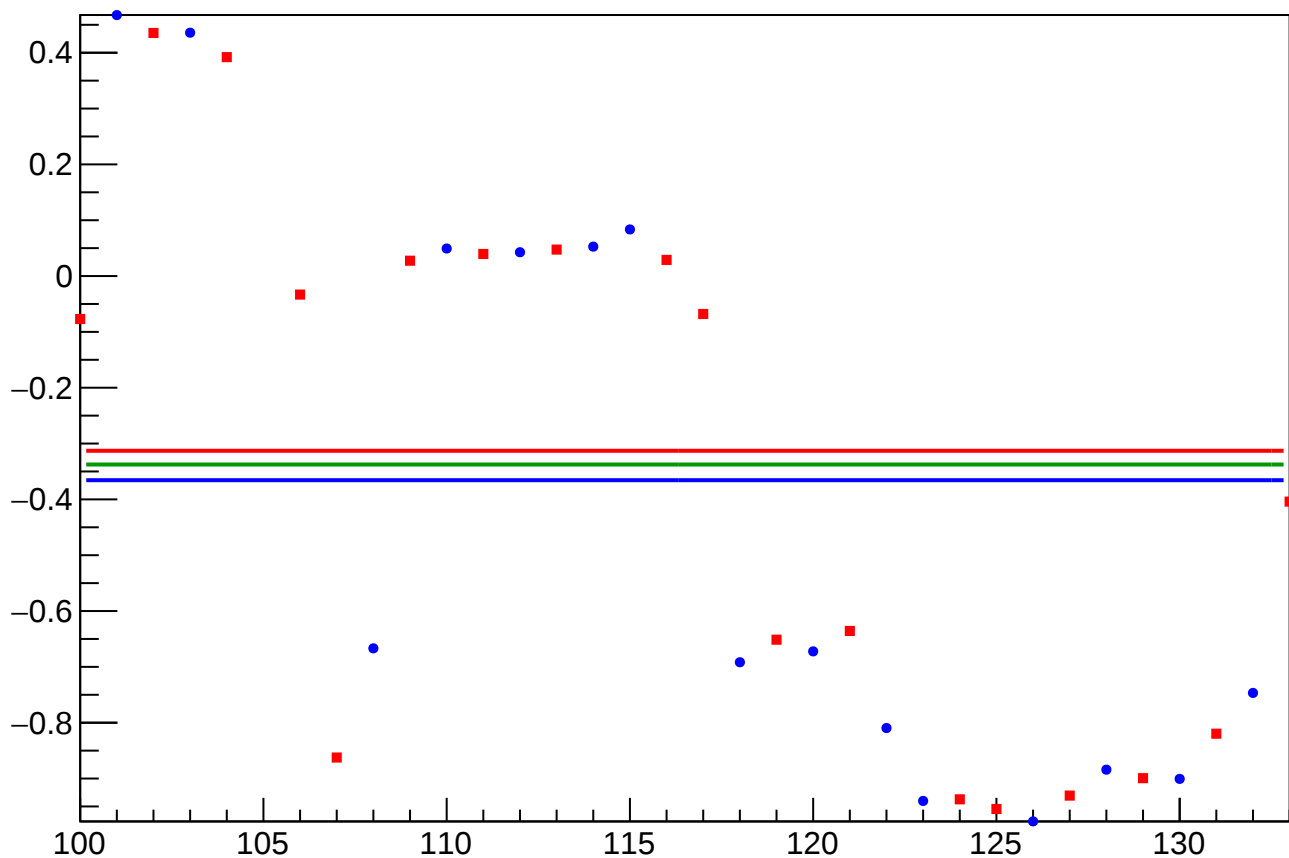
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 549795.8/14

0.012+/-0.000 χ^2/NDF : 1534182.4/32

0.012+/-0.000 χ^2/NDF : 984351.3/17

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: -0.313+/-0.000 χ^2/NDF : 200275037.4/17

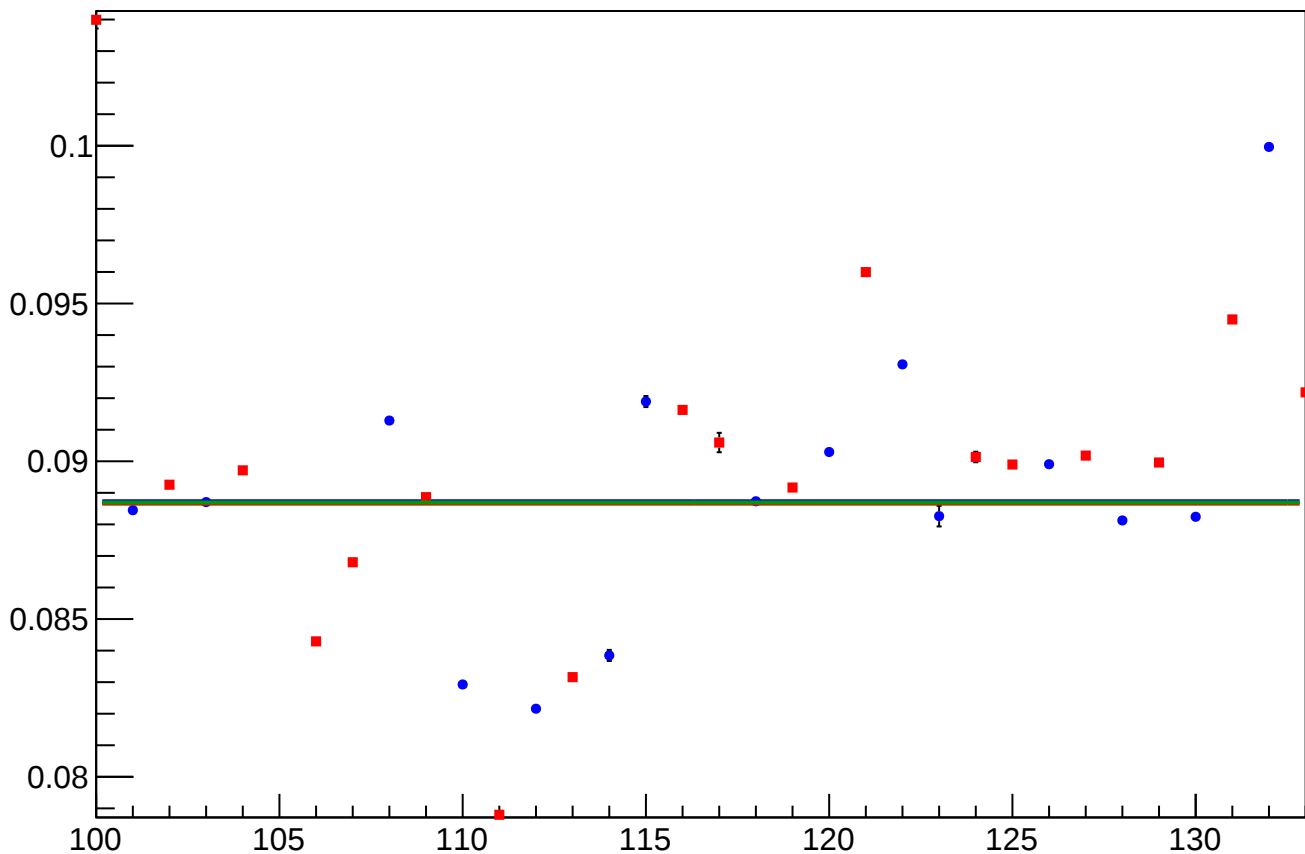
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.366+/-0.000 χ^2/NDF : 210300464.7/14

-0.338+/-0.000 χ^2/NDF : 411645515.9/32

-0.313+/-0.000 χ^2/NDF : 200275037.4/17

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: 0.089+/-0.000 χ^2/NDF : 32512.7/17

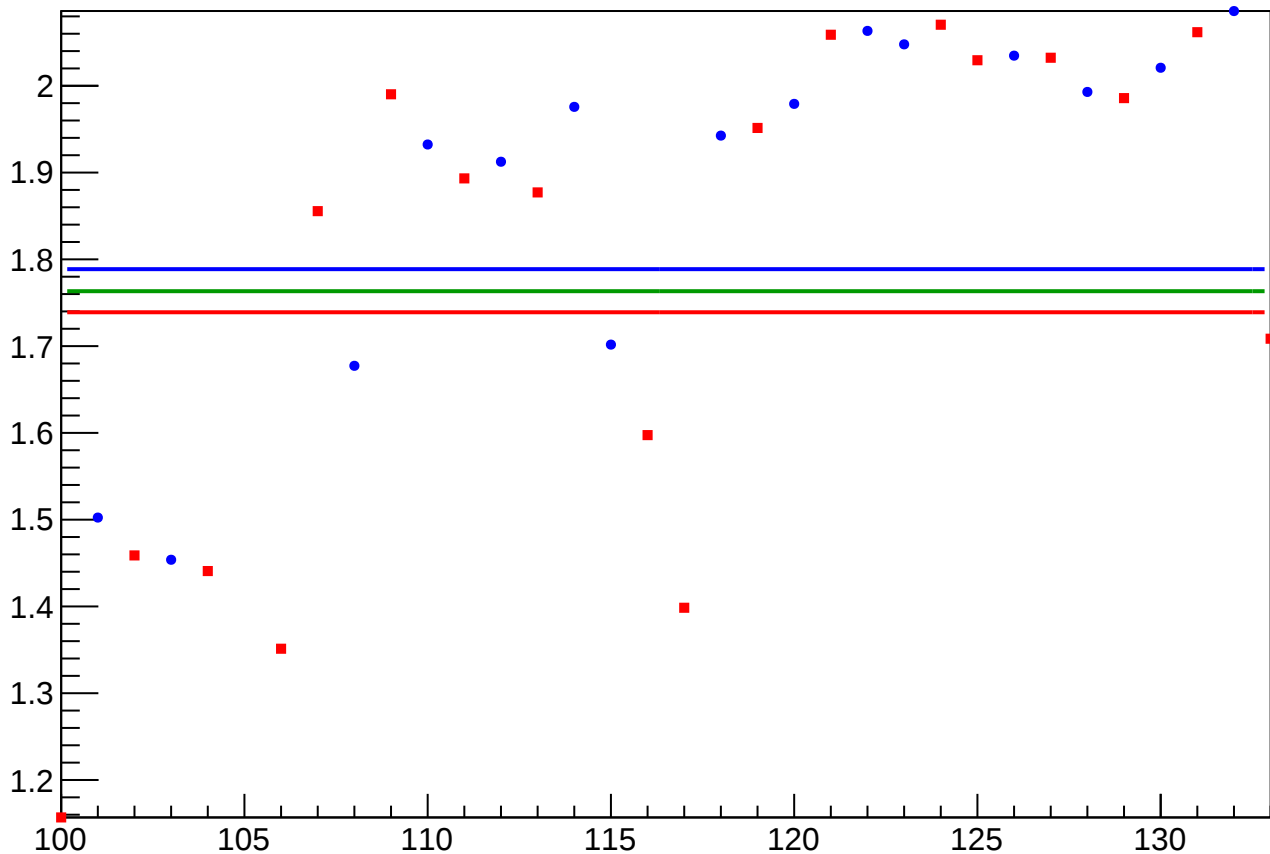
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 23594.1/14

0.089+/-0.000 χ^2/NDF : 56111.3/32

0.089+/-0.000 χ^2/NDF : 32512.7/17

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: 1.739+/-0.000 χ^2/NDF : 1611256340.9/17

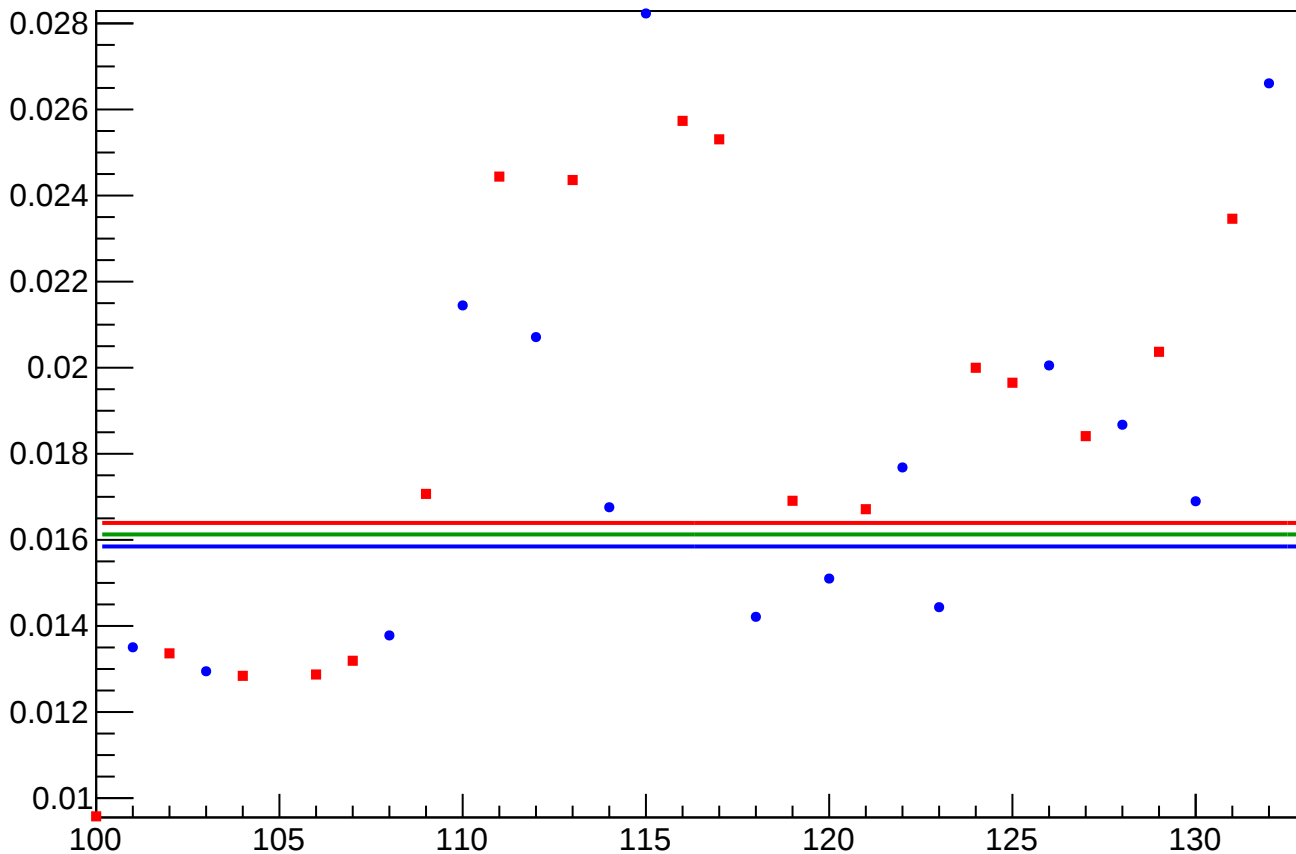
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.789+/-0.000 χ^2/NDF : 1119022570.3/14

1.763+/-0.000 χ^2/NDF : 2754863936.4/32

1.739+/-0.000 χ^2/NDF : 1611256340.9/17

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 : 699217.5/17

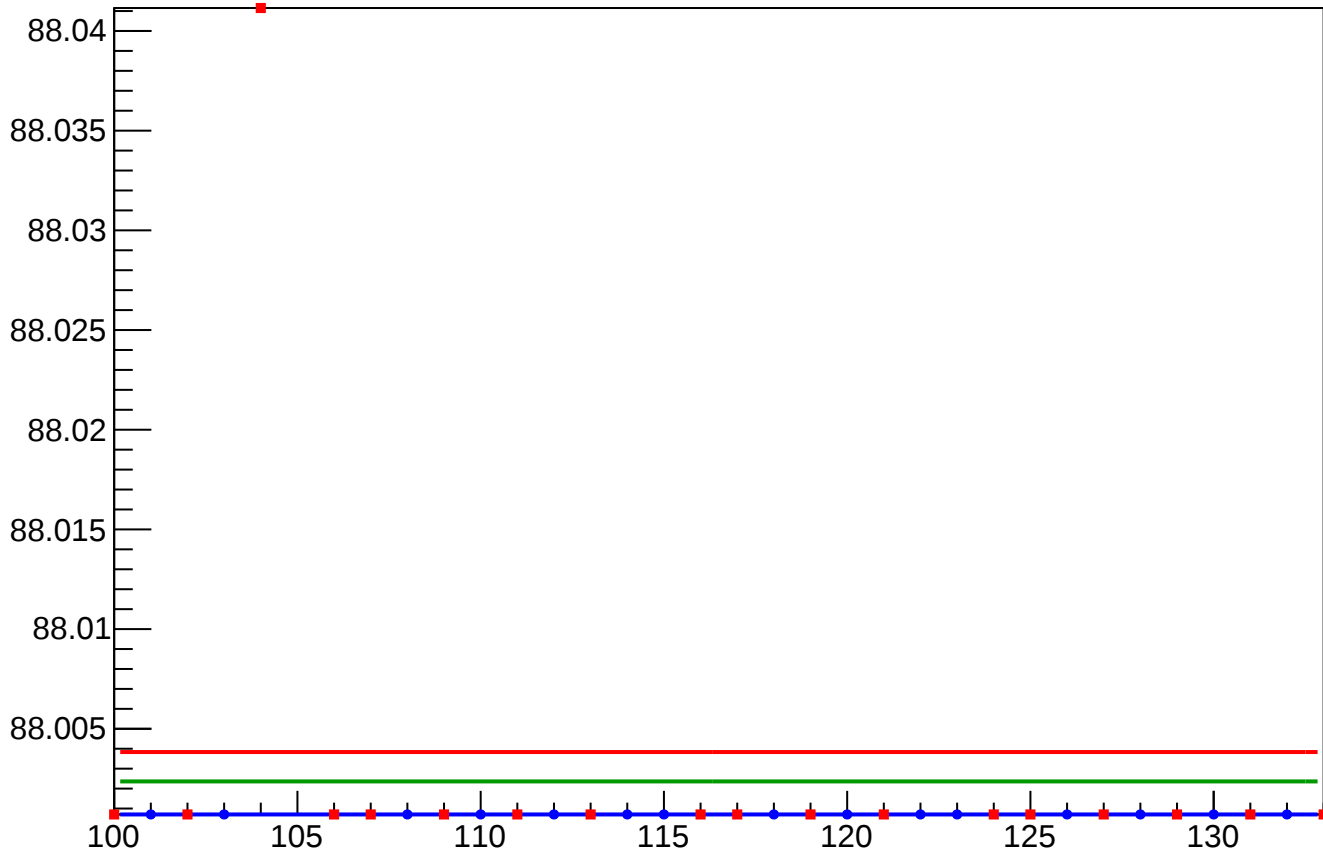
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 404775.9/14

0.016+/-0.000 χ^2/NDF : 1109952.3/32

0.016+/-0.000 χ^2/NDF : 699217.5/17

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

Right Out: 88.004+/-0.000 χ^2 /NDF: 76982434802793669402002718720.0/17

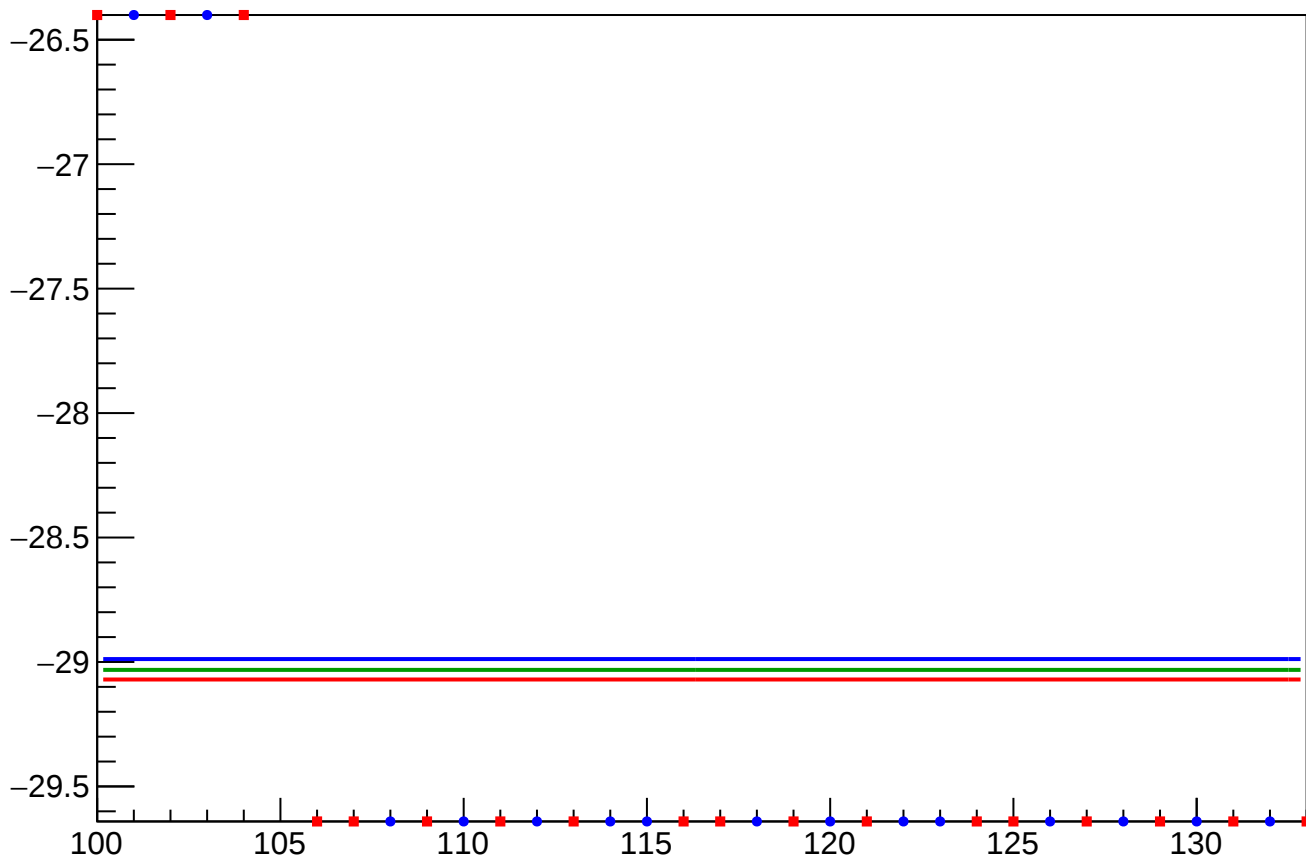
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 1398290.7/14

88.002+/-0.000 χ^2 /NDF: 8002182532084

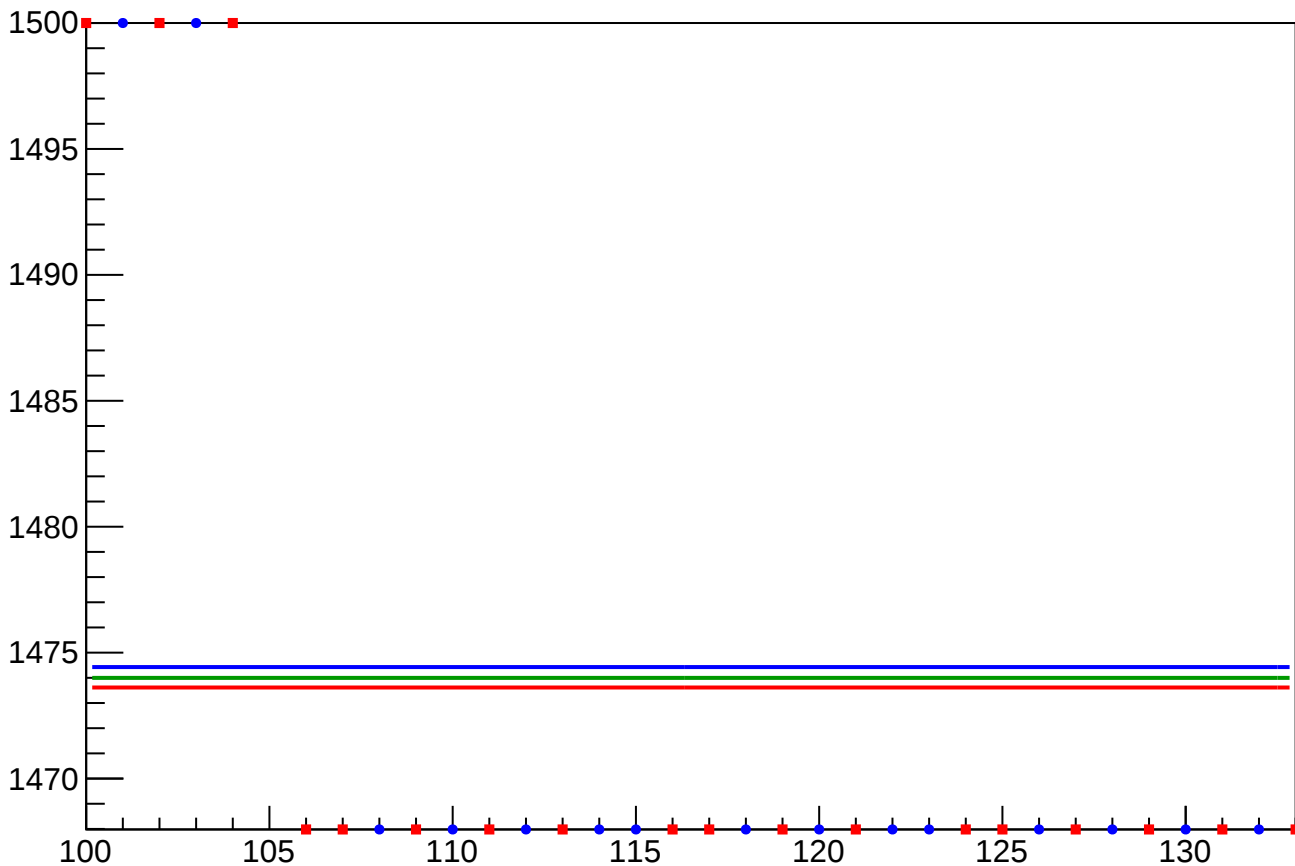
88.004+/-0.000 χ^2 /NDF: 769824348027936694

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: -29.070 ± 0.000 χ^2/NDF : 1003373033080433094931987568787456.0/17
 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: 1473.616+/-0.000 χ^2/NDF : 98006122037678959003995917307084800.0/17

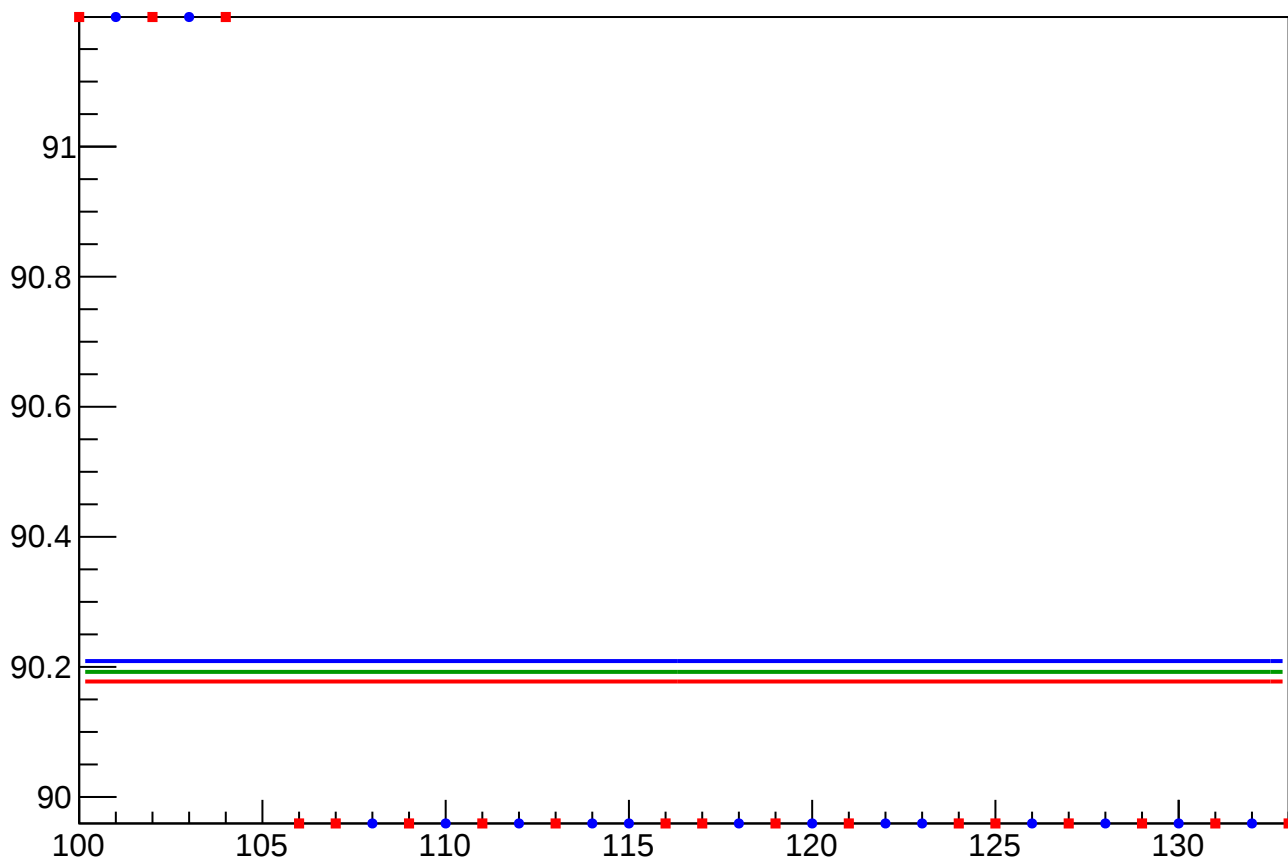
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1474.427+/-0.000 χ^2/NDF : 9662979212483066

1473.998+/-0.000 χ^2/NDF : 19484015324

1473.616+/-0.000 χ^2/NDF : 9800612203767895

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: 90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

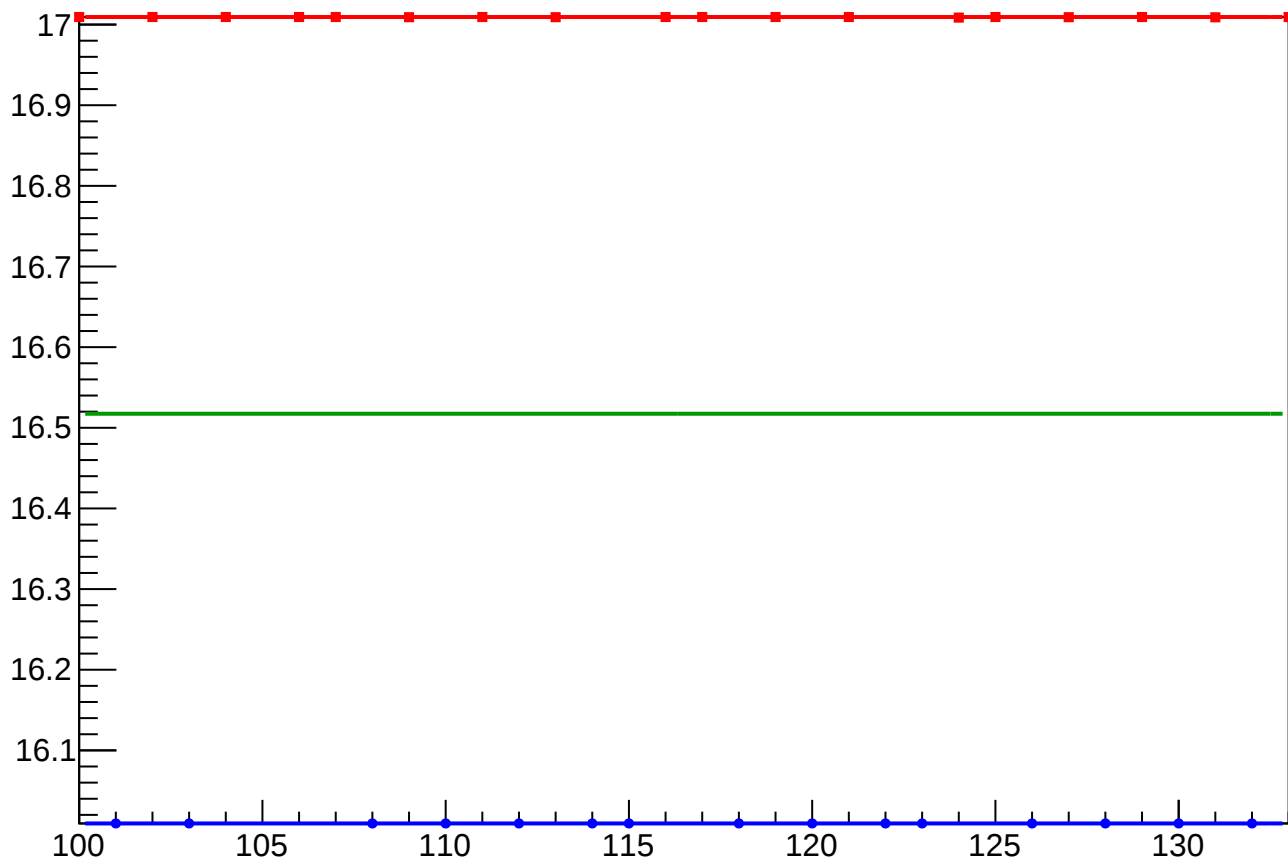
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.209+/-0.000 χ^2/NDF : 144901744709924757042144684802048.0/14

90.192+/-0.000 χ^2/NDF : 2921736404819

90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 43179.1/14

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

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 12026206019273131642847232.0/17

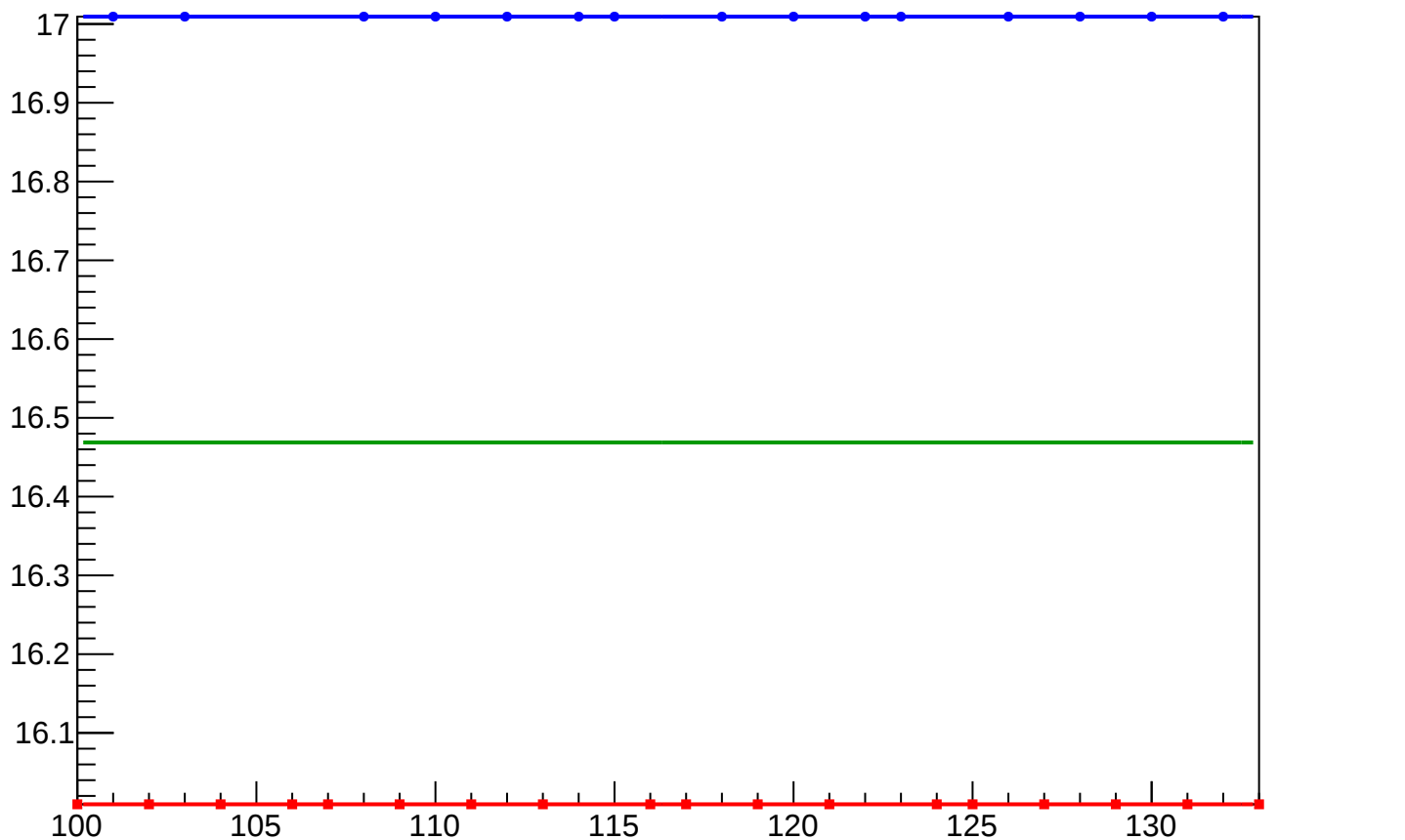
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.009 $\pm$ 0.000 χ^2 /NDF: 43179.1/14

16.517 $\pm$ 0.000 χ^2 /NDF: 2931223474472

17.009 $\pm$ 0.000 χ^2 /NDF: 120262060192731316

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: 33510.8/17

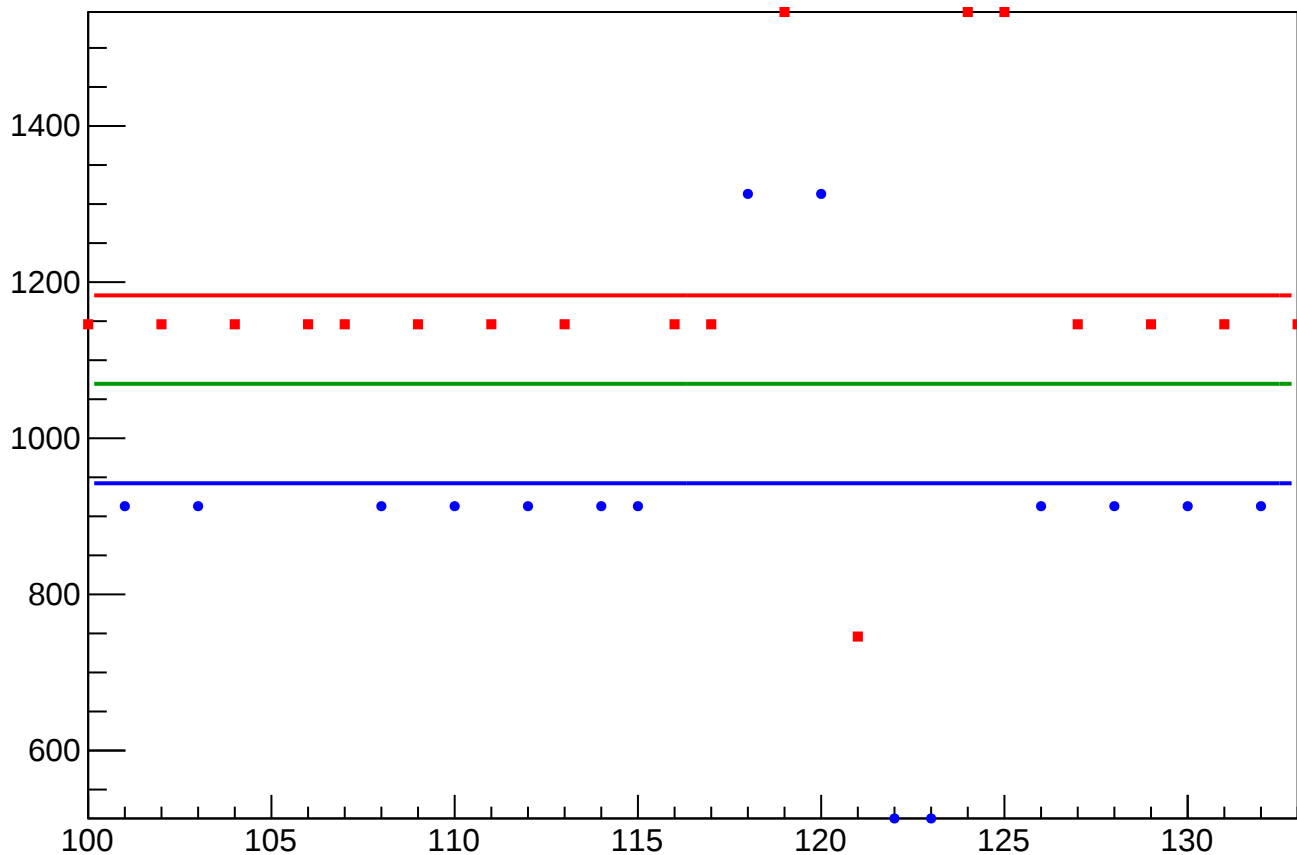
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 59347.6/14

16.469 $\pm$ 0.000 χ^2 /NDF: 2995091210613

16.009 $\pm$ 0.000 χ^2 /NDF: 33510.8/17

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: 1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

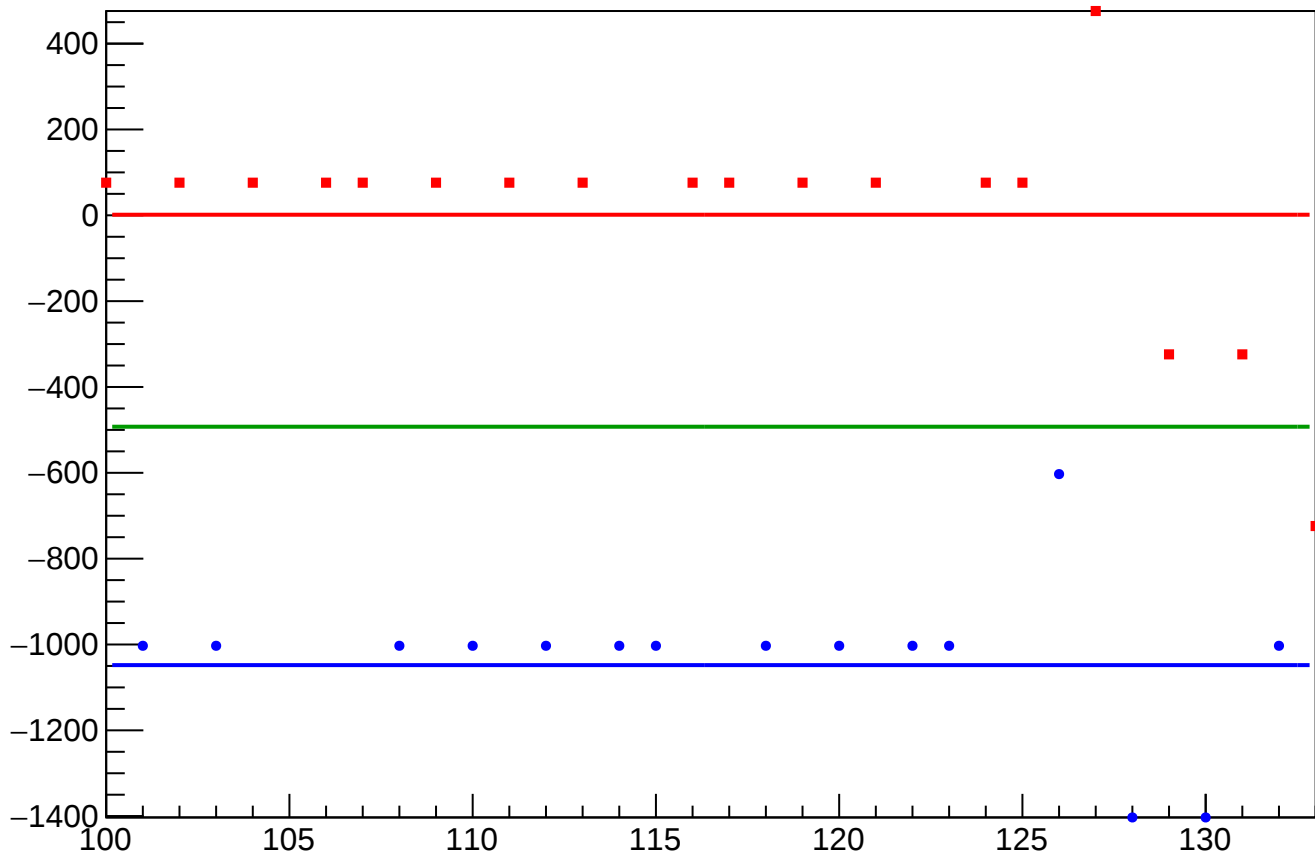
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

942.347+/-0.000 χ^2/NDF : 20776478049656831810730861572019716096.0/14

1069.748+/-0.000 χ^2/NDF : 60082819763

1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

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: 1.351+/-0.000 χ^2/NDF : 43526407256001563627929232834855698432.0/17

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

-1048.040+/-0.000 χ^2/NDF : 22490329114210011574081343040515997696.0/14

-492.580+/-0.000 χ^2/NDF : 40759328259114210011574081343040515997696.0/14

1.351+/-0.000 χ^2/NDF : 43526407256001563627929232834855698432.0/17