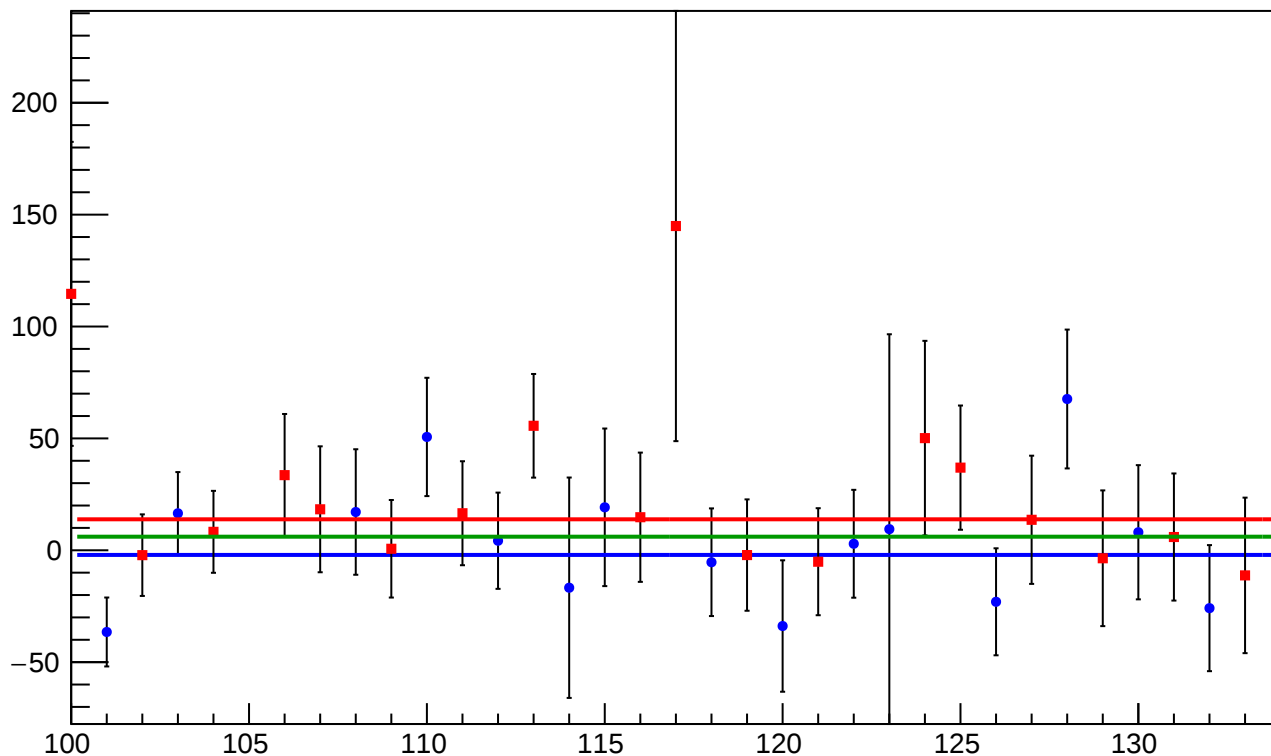


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.075+/-6.414

χ^2/NDF : 19.2/15

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

-2.075+/-6.414

χ^2/NDF : 19.2/15

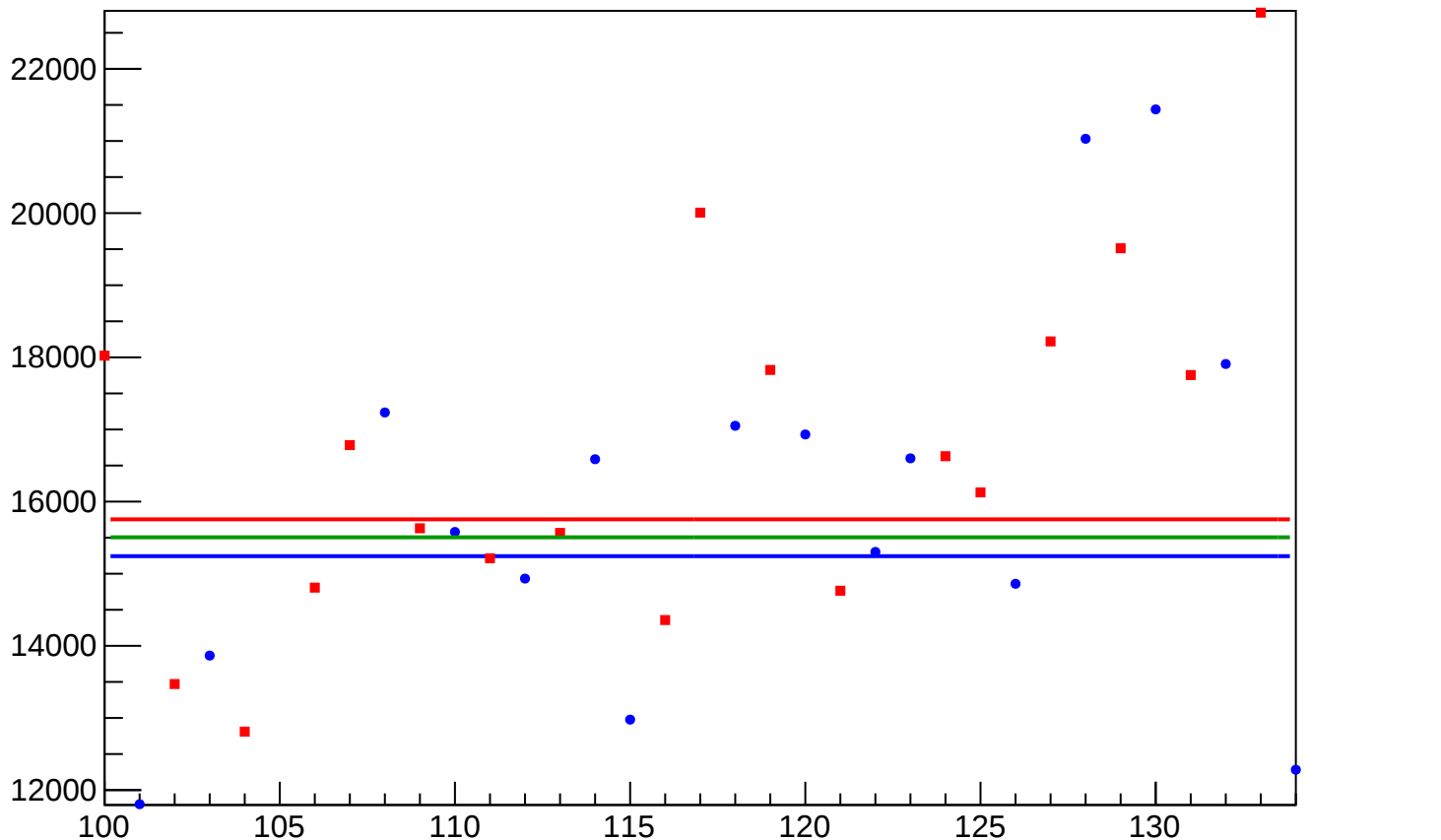
6.074+/-4.481

χ^2/NDF : 34.8/33

13.843+/-6.262

χ^2/NDF : 12.5/17

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15243.443+/-4.535 χ^2/NDF : 343702.7/15

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

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

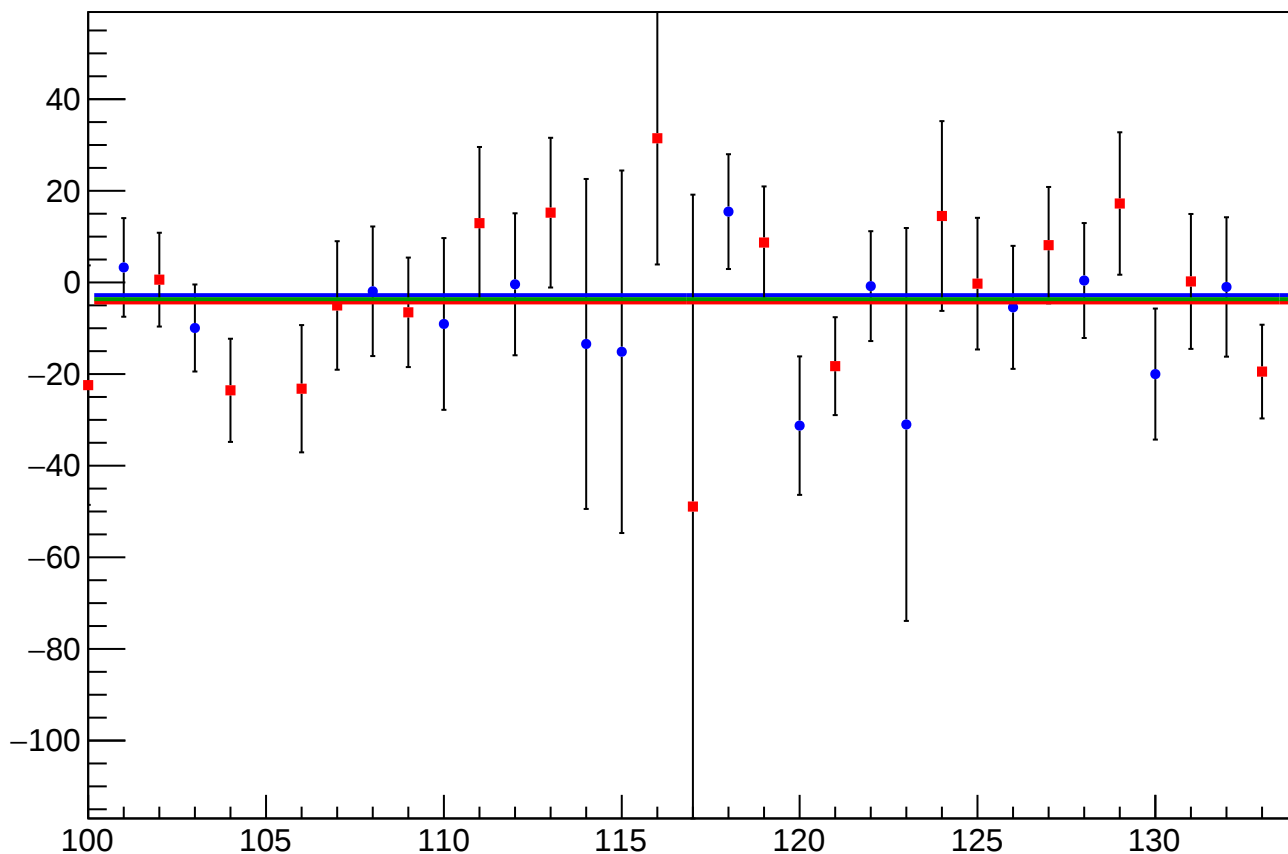
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15243.443+/-4.535 χ^2/NDF : 343702.7/15

15504.843+/-3.168 χ^2/NDF : 606111.5/33

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

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -2.779+/-3.616 χ^2 /NDF: 13.0/15

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

Right Out: -4.365+/-3.294 χ^2 /NDF: 19.0/17

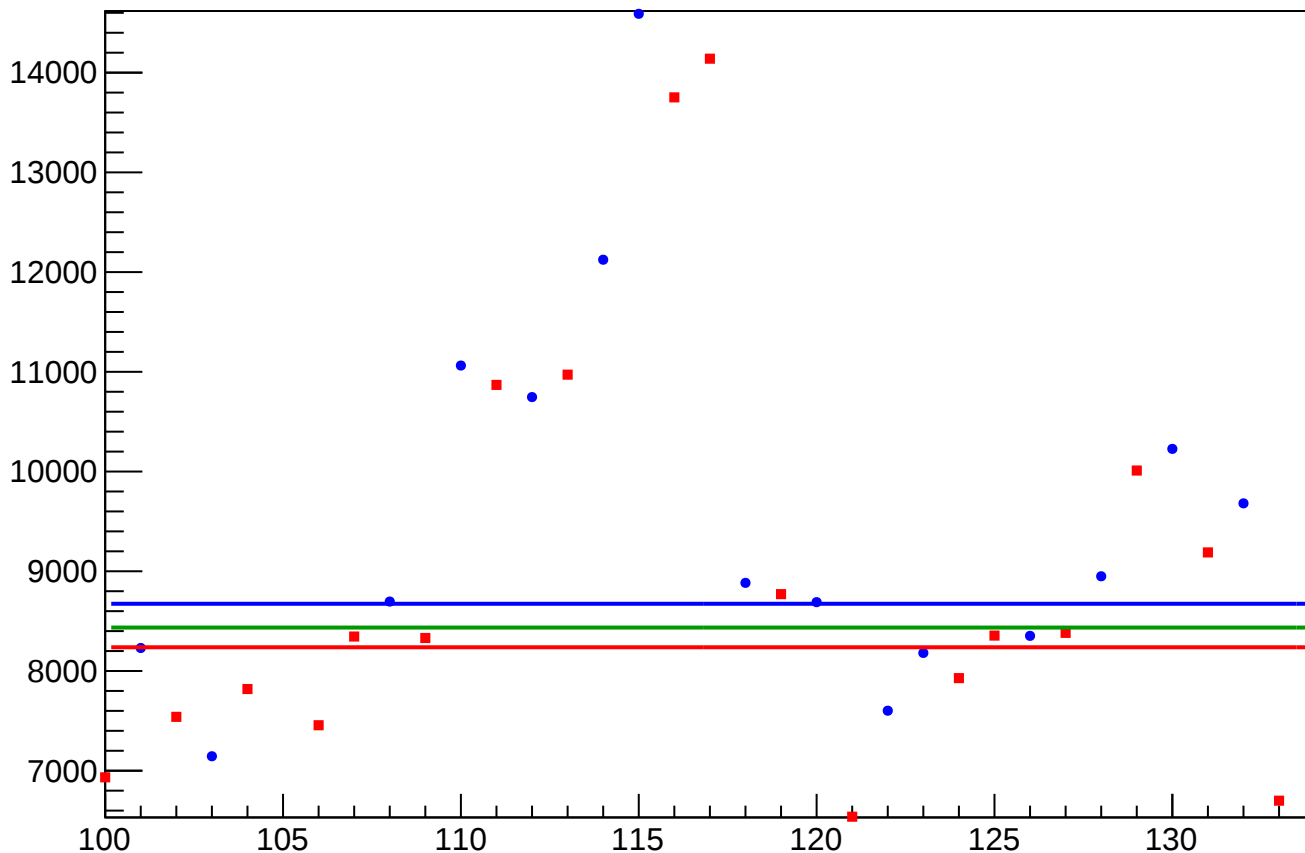
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.779+/-3.616 χ^2 /NDF: 13.0/15

-3.645+/-2.435 χ^2 /NDF: 32.2/33

-4.365+/-3.294 χ^2 /NDF: 19.0/17

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8674.072 $\pm$ 2.557 χ^2 /NDF: 261120.3/15

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

Right Out: 8237.869 $\pm$ 2.329 χ^2 /NDF: 359524.3/17

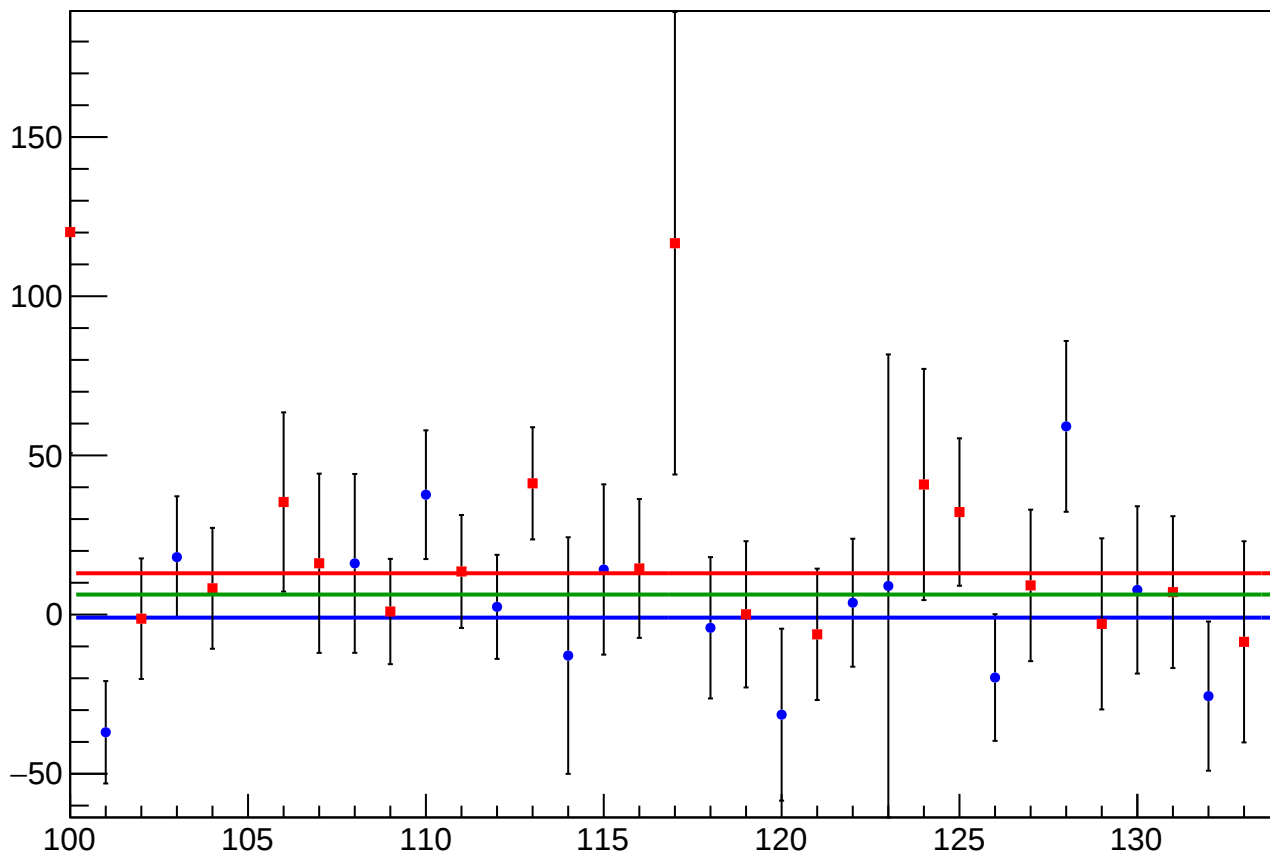
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8674.072 $\pm$ 2.557 χ^2 /NDF: 261120.3/15

8435.683 $\pm$ 1.722 χ^2 /NDF: 636547.7/33

8237.869 $\pm$ 2.329 χ^2 /NDF: 359524.3/17

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.952 ± 5.697 χ^2/NDF : 19.4/15

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

Right Out: 12.979 ± 5.470 χ^2/NDF : 12.2/17

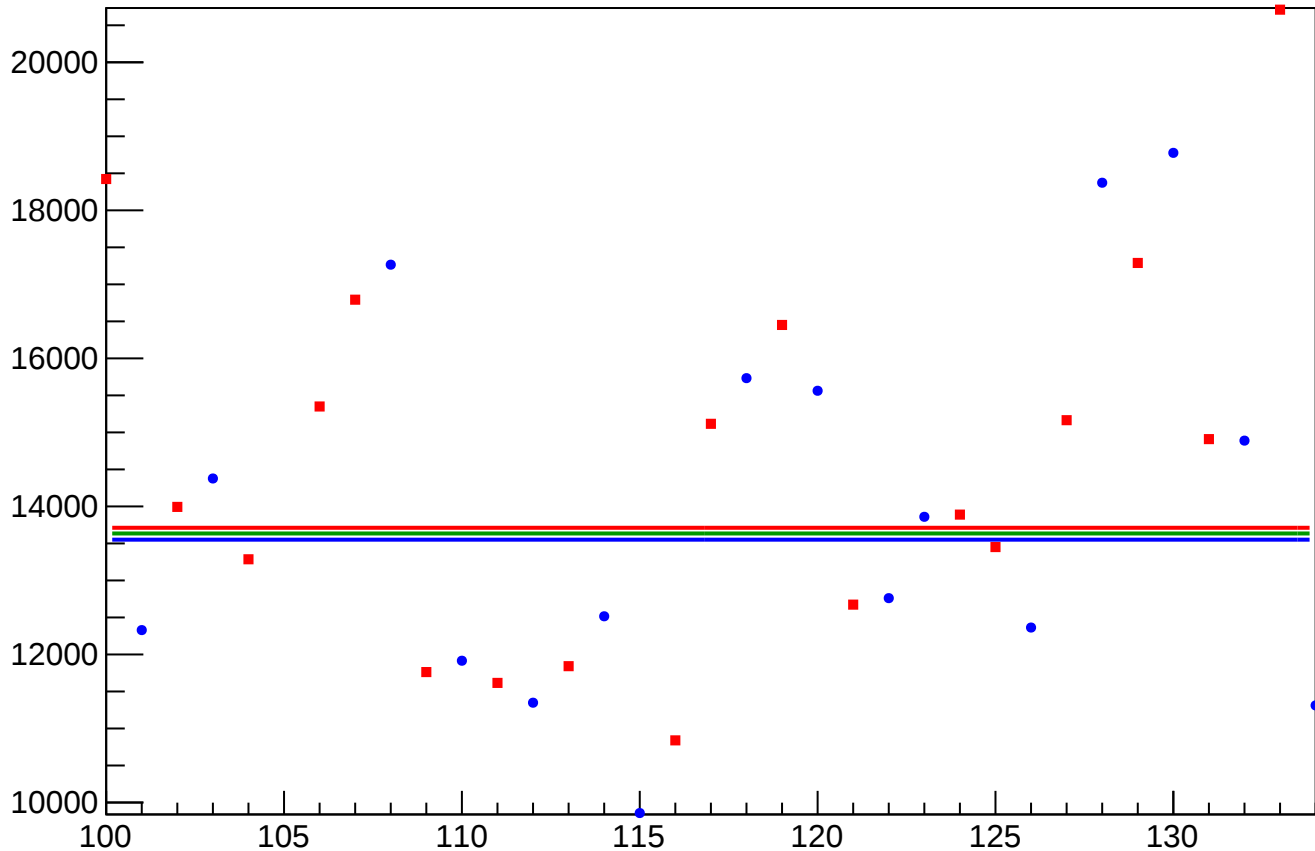
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.952 ± 5.697 χ^2/NDF : 19.4/15

6.296 ± 3.946 χ^2/NDF : 34.6/33

12.979 ± 5.470 χ^2/NDF : 12.2/17

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13550.850+/-4.028 χ^2/NDF : 344079.9/15

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

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

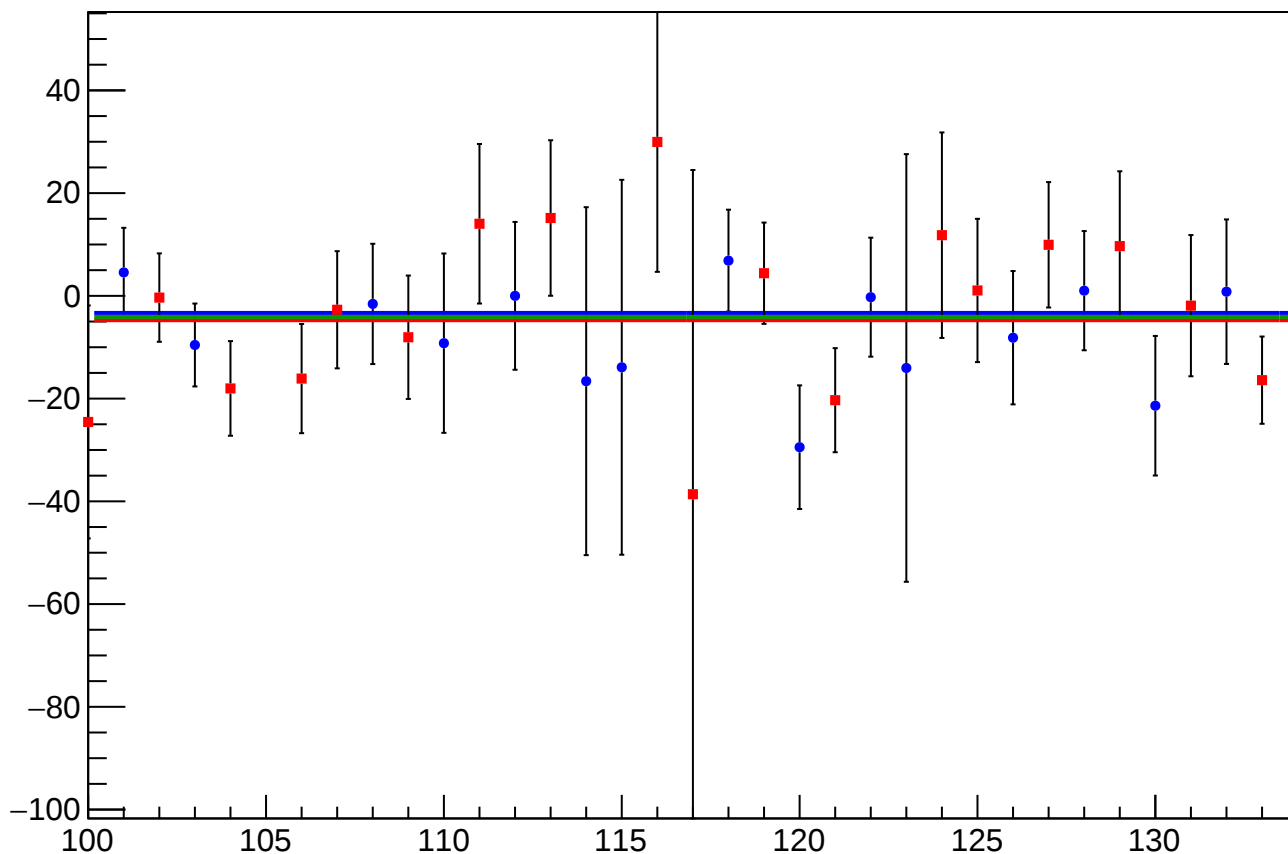
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13550.850+/-4.028 χ^2/NDF : 344079.9/15

13634.490+/-2.790 χ^2/NDF : 679908.6/33

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

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.322+/-3.166 χ^2/NDF : 13.4/15

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

Right Out: -4.738+/-2.895 χ^2/NDF : 18.2/17

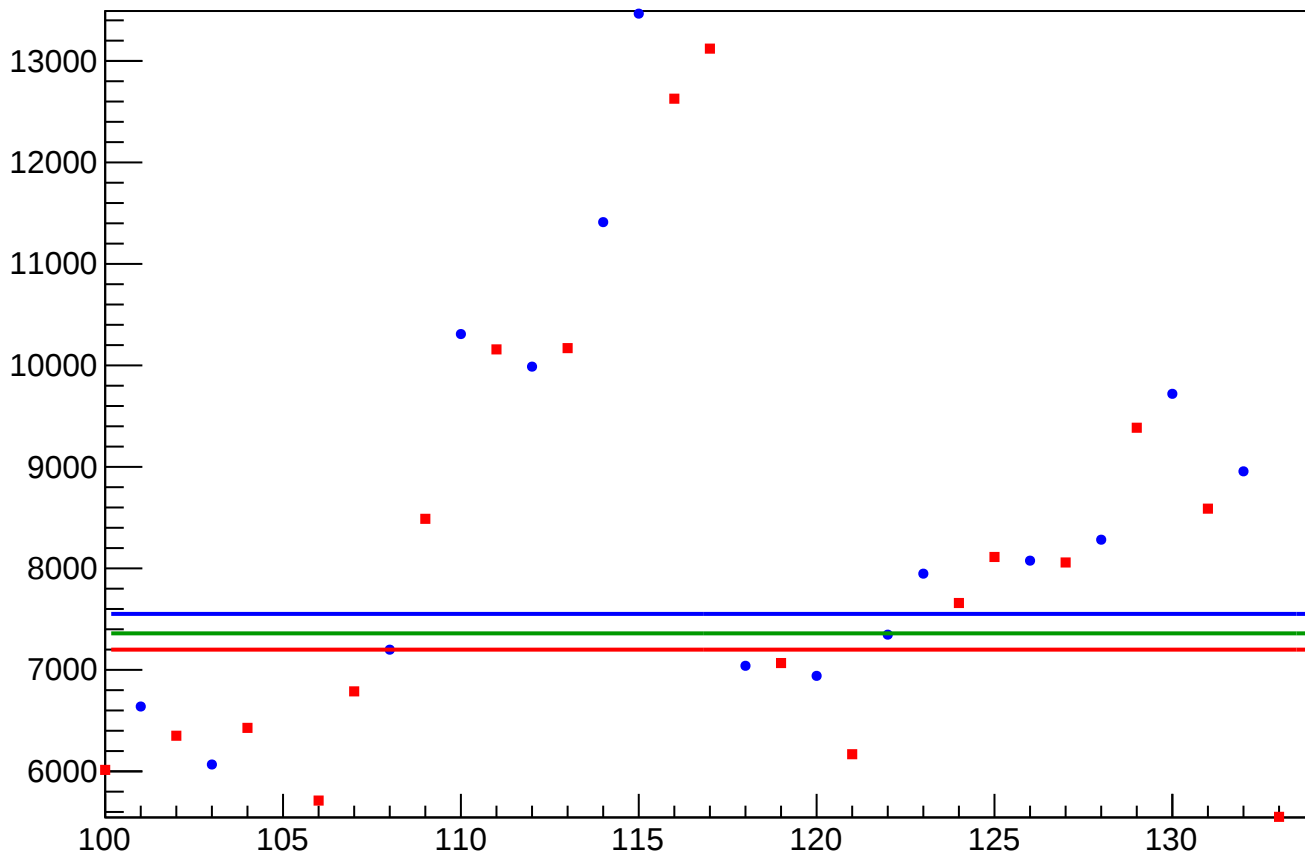
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.322+/-3.166 χ^2/NDF : 13.4/15

-4.093+/-2.137 χ^2/NDF : 31.7/33

-4.738+/-2.895 χ^2/NDF : 18.2/17

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7551.462+/-2.239 χ^2/NDF : 394408.2/15

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

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

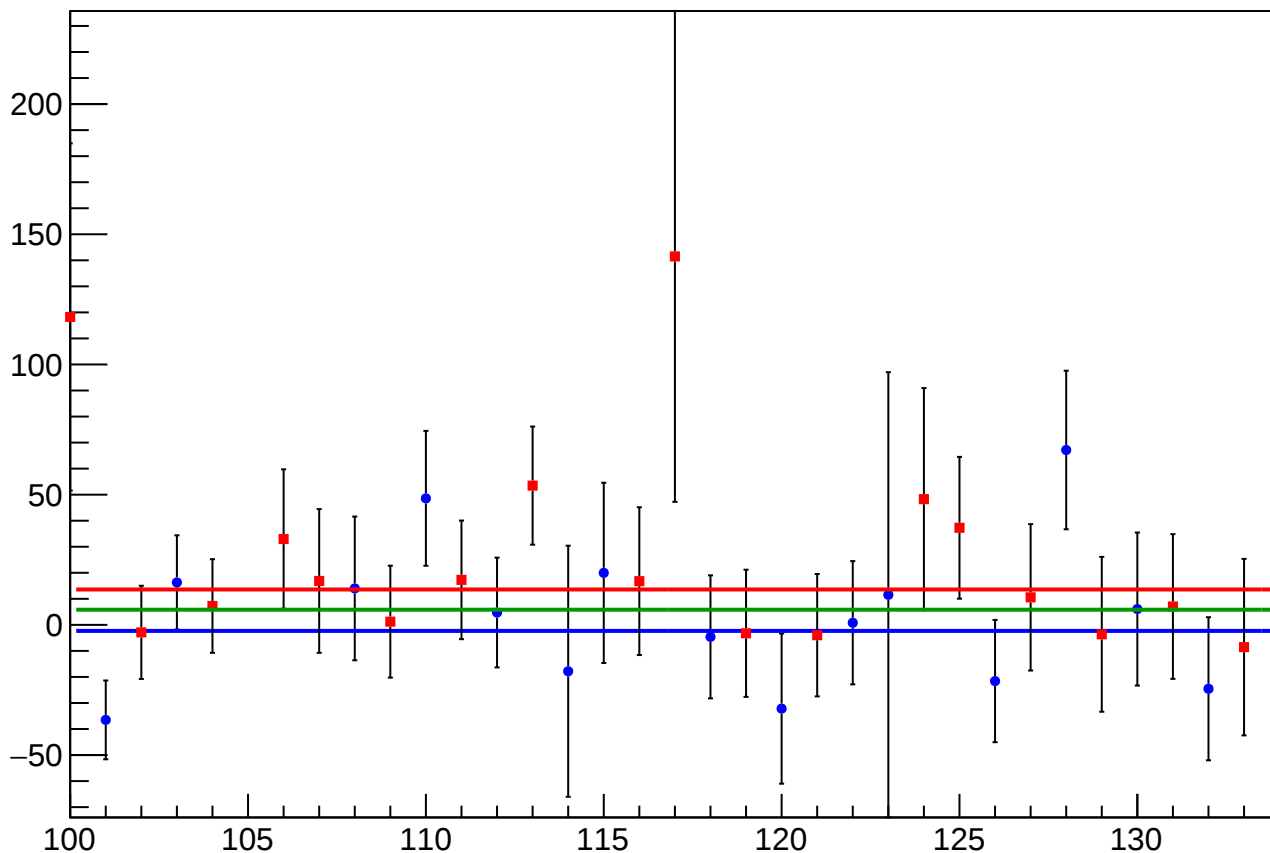
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7551.462+/-2.239 χ^2/NDF : 394408.2/15

7359.718+/-1.511 χ^2/NDF : 952337.1/33

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

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.317 ± 6.292 χ^2/NDF : 19.1/15

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

Right Out: 13.590 ± 6.144 χ^2/NDF : 12.6/17

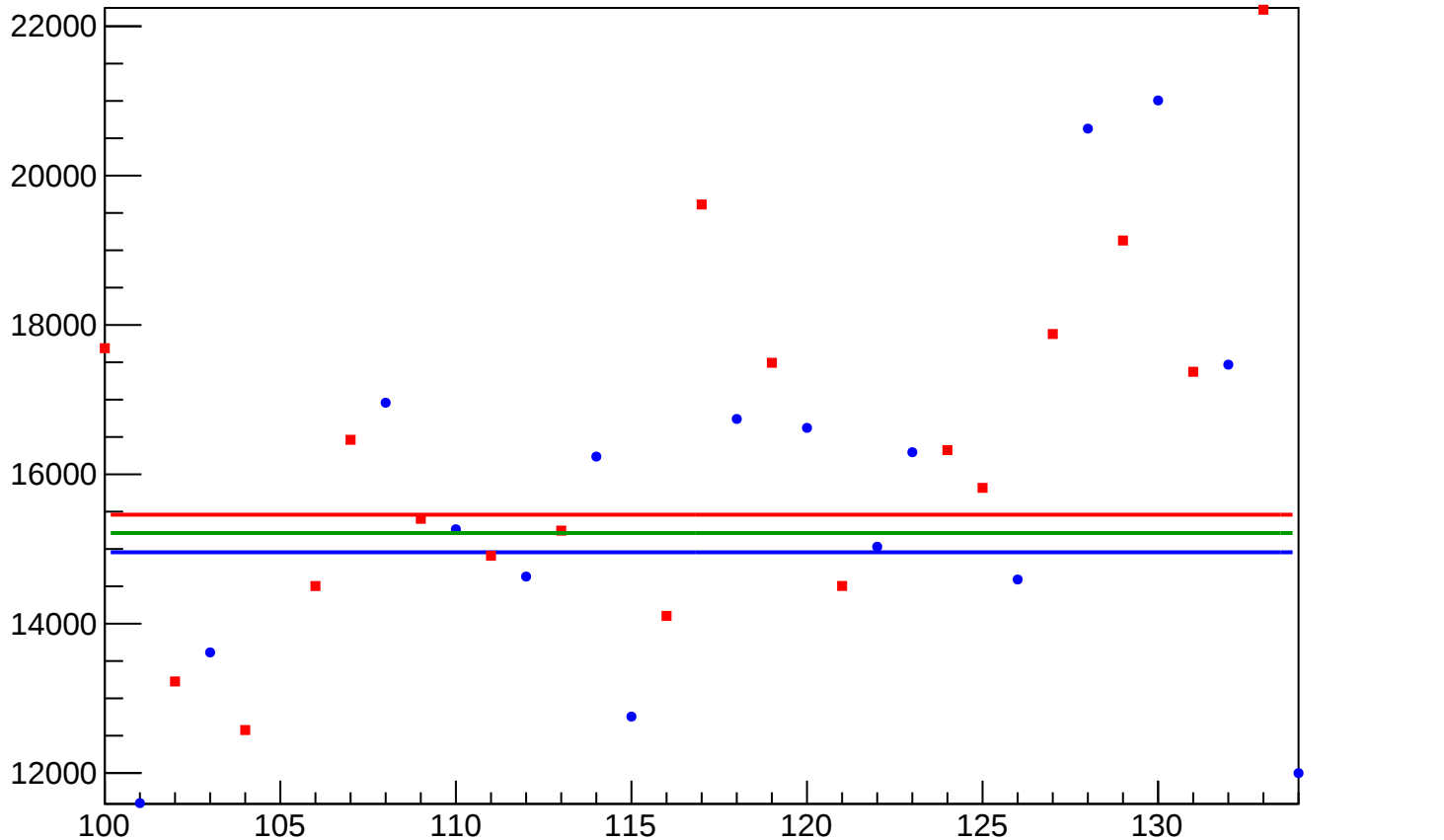
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.317 ± 6.292 χ^2/NDF : 19.1/15

5.826 ± 4.396 χ^2/NDF : 34.9/33

13.590 ± 6.144 χ^2/NDF : 12.6/17

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14956.073+/-4.449 χ^2/NDF : 341800.9/15

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

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

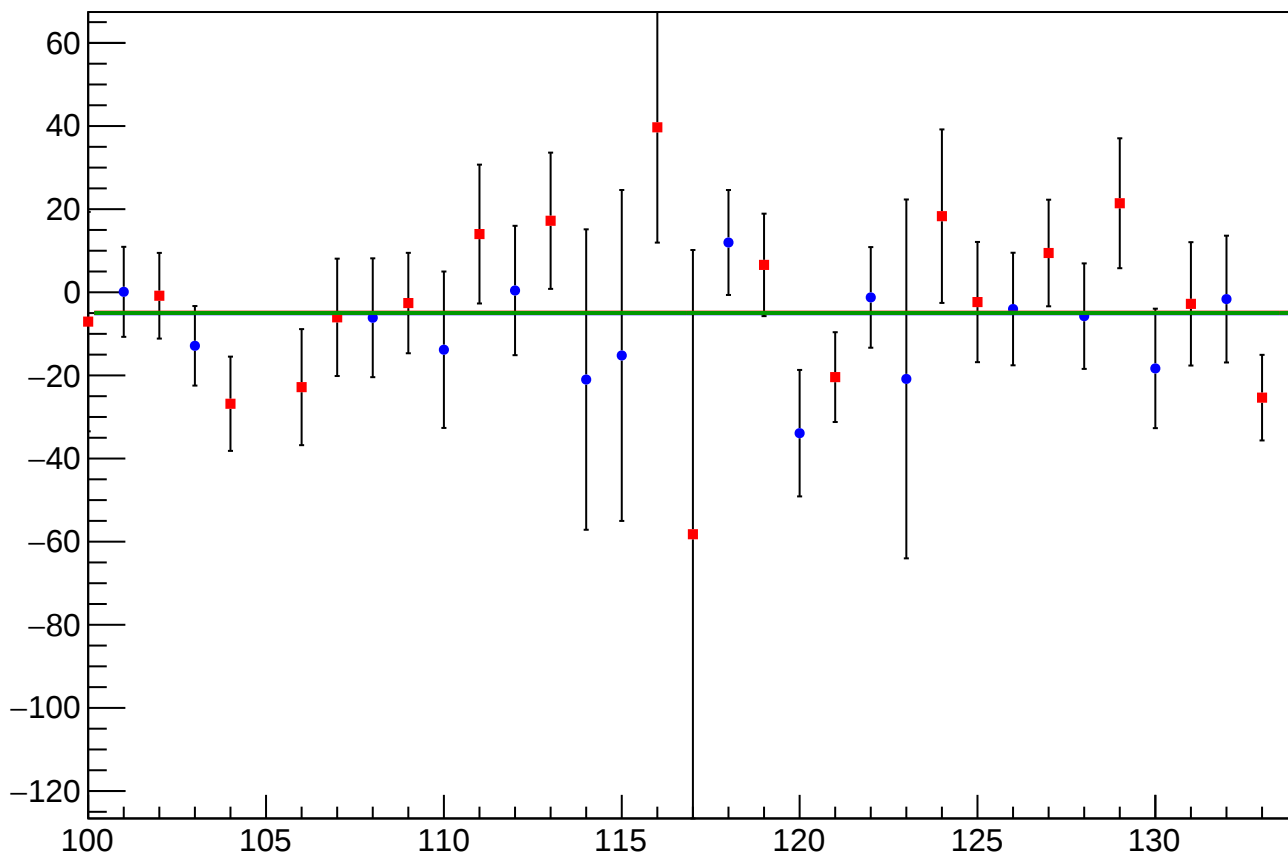
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14956.073+/-4.449 χ^2/NDF : 341800.9/15

15213.729+/-3.108 χ^2/NDF : 600897.6/33

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

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.043+/-3.643 χ^2 /NDF: 11.5/15

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

Right Out: -4.904+/-3.319 χ^2 /NDF: 24.1/17

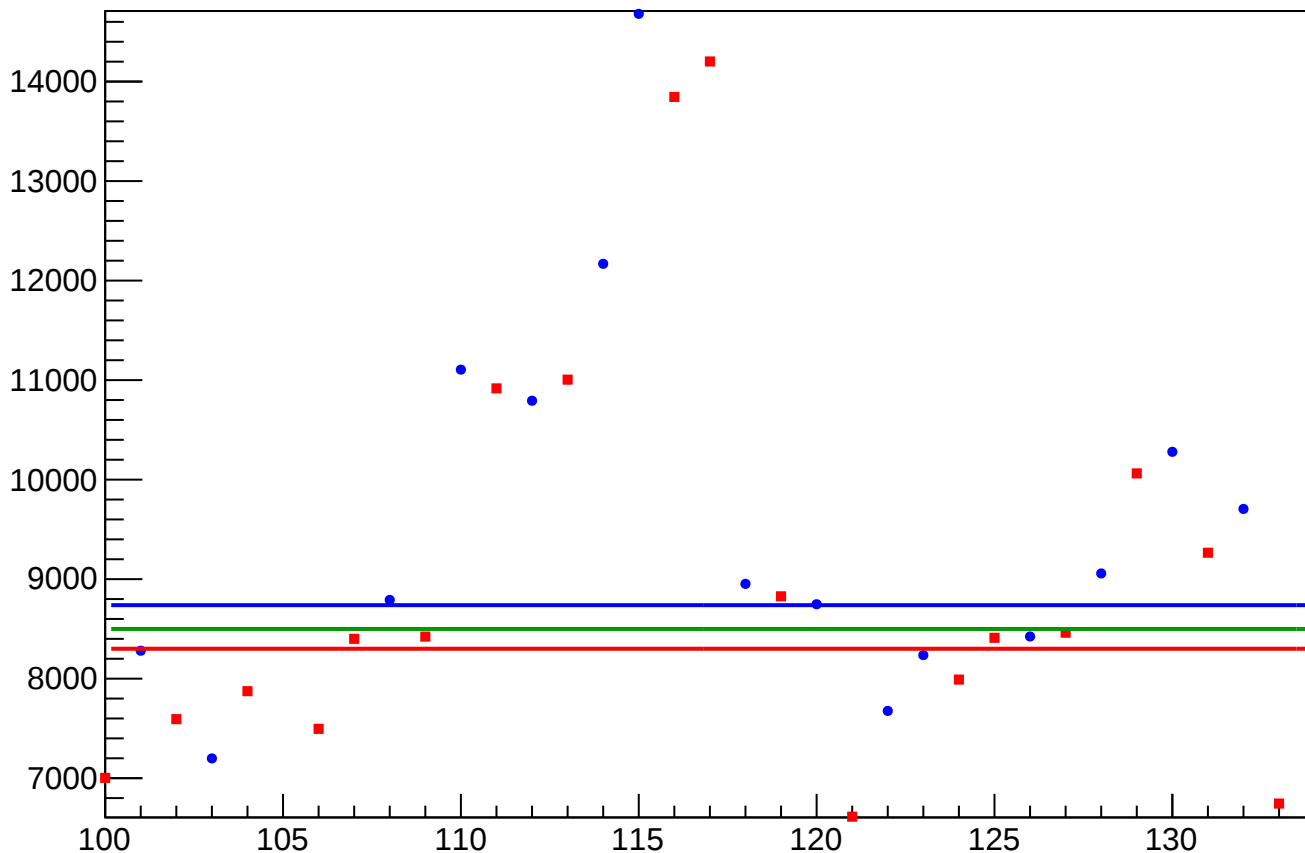
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.043+/-3.643 χ^2 /NDF: 11.5/15

-4.967+/-2.453 χ^2 /NDF: 35.6/33

-4.904+/-3.319 χ^2 /NDF: 24.1/17

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8738.686 $\pm$ 2.576 χ^2 /NDF: 257718.0/15

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

Right Out: 8300.765 $\pm$ 2.347 χ^2 /NDF: 355150.2/17

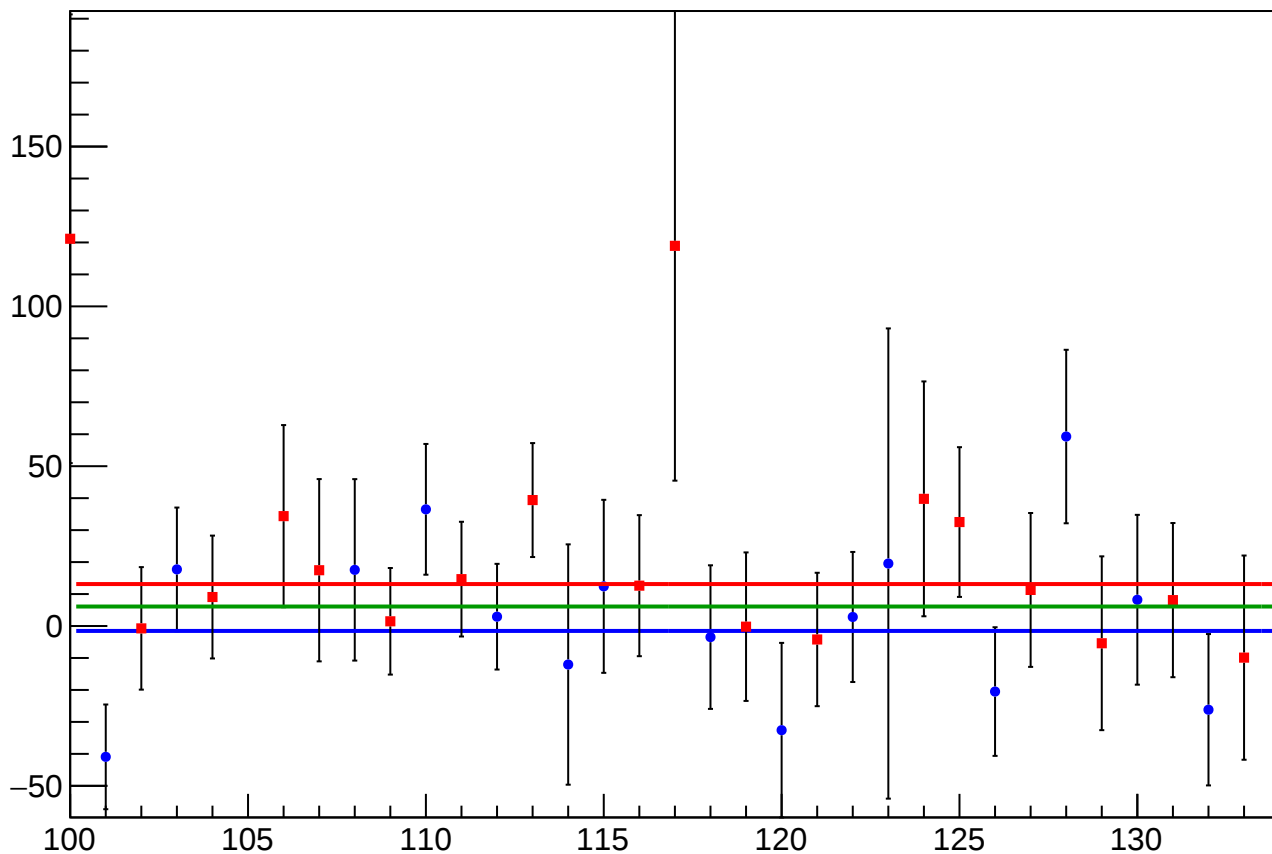
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8738.686 $\pm$ 2.576 χ^2 /NDF: 257718.0/15

8499.386 $\pm$ 1.735 χ^2 /NDF: 628664.1/33

8300.765 $\pm$ 2.347 χ^2 /NDF: 355150.2/17

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -1.539+/-5.767 χ^2/NDF : 20.0/15

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

Right Out: 13.127+/-5.532 χ^2/NDF : 11.5/17

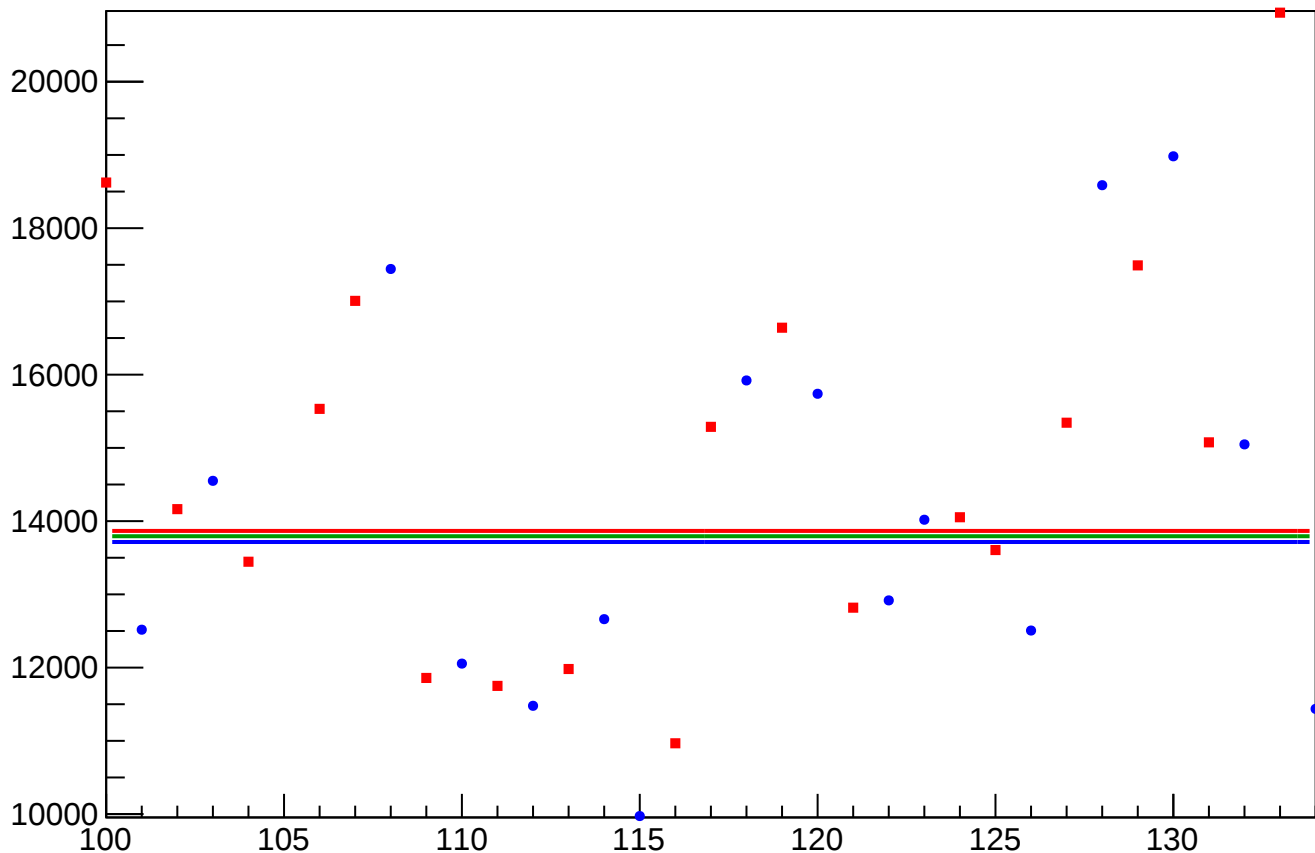
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.539+/-5.767 χ^2/NDF : 20.0/15

6.099+/-3.992 χ^2/NDF : 34.9/33

13.127+/-5.532 χ^2/NDF : 11.5/17

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13715.025+/-4.078 χ^2/NDF : 342506.6/15

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

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

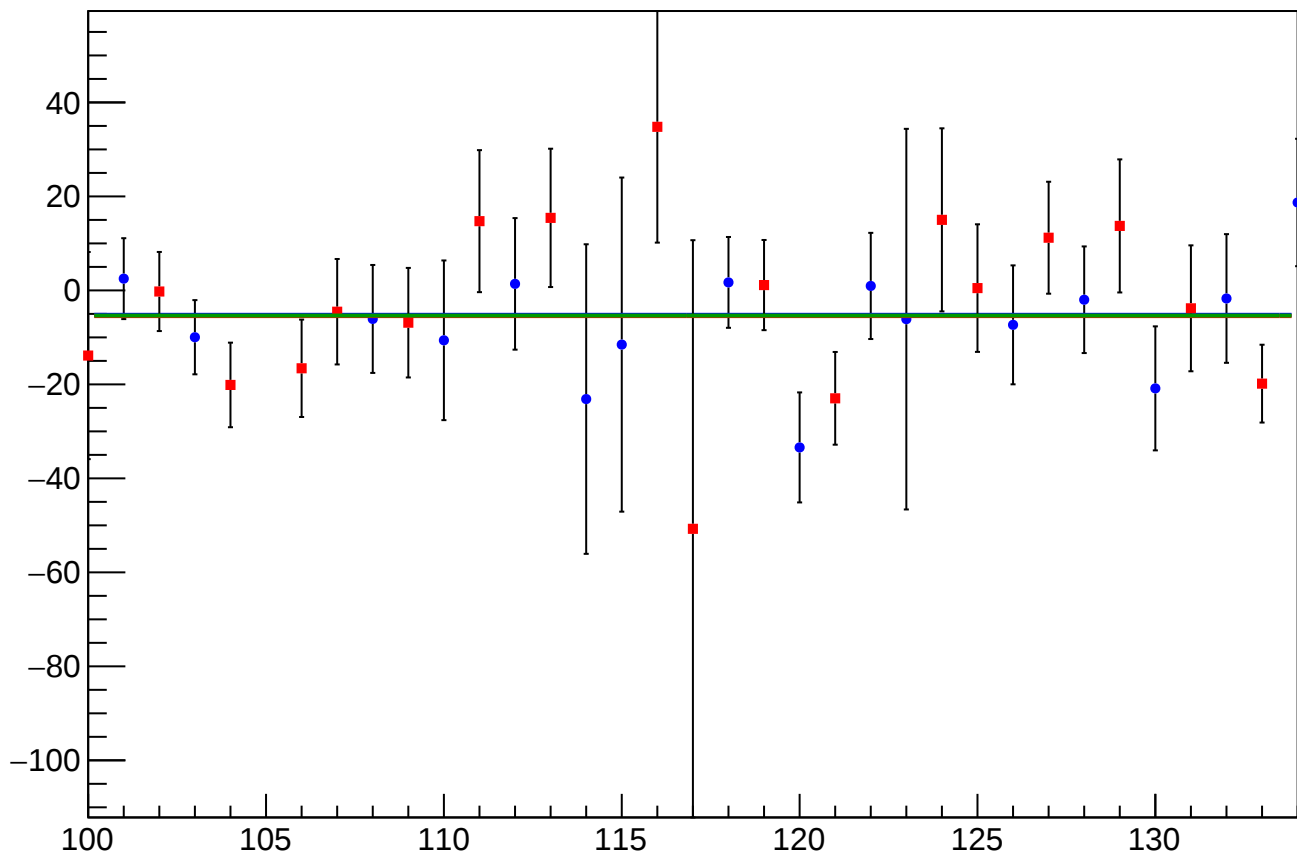
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13715.025+/-4.078 χ^2/NDF : 342506.6/15

13793.870+/-2.823 χ^2/NDF : 679555.1/33

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

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.197+/-3.095 χ^2 /NDF: 13.1/15

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

Right Out: -5.469+/-2.824 χ^2 /NDF: 23.1/17

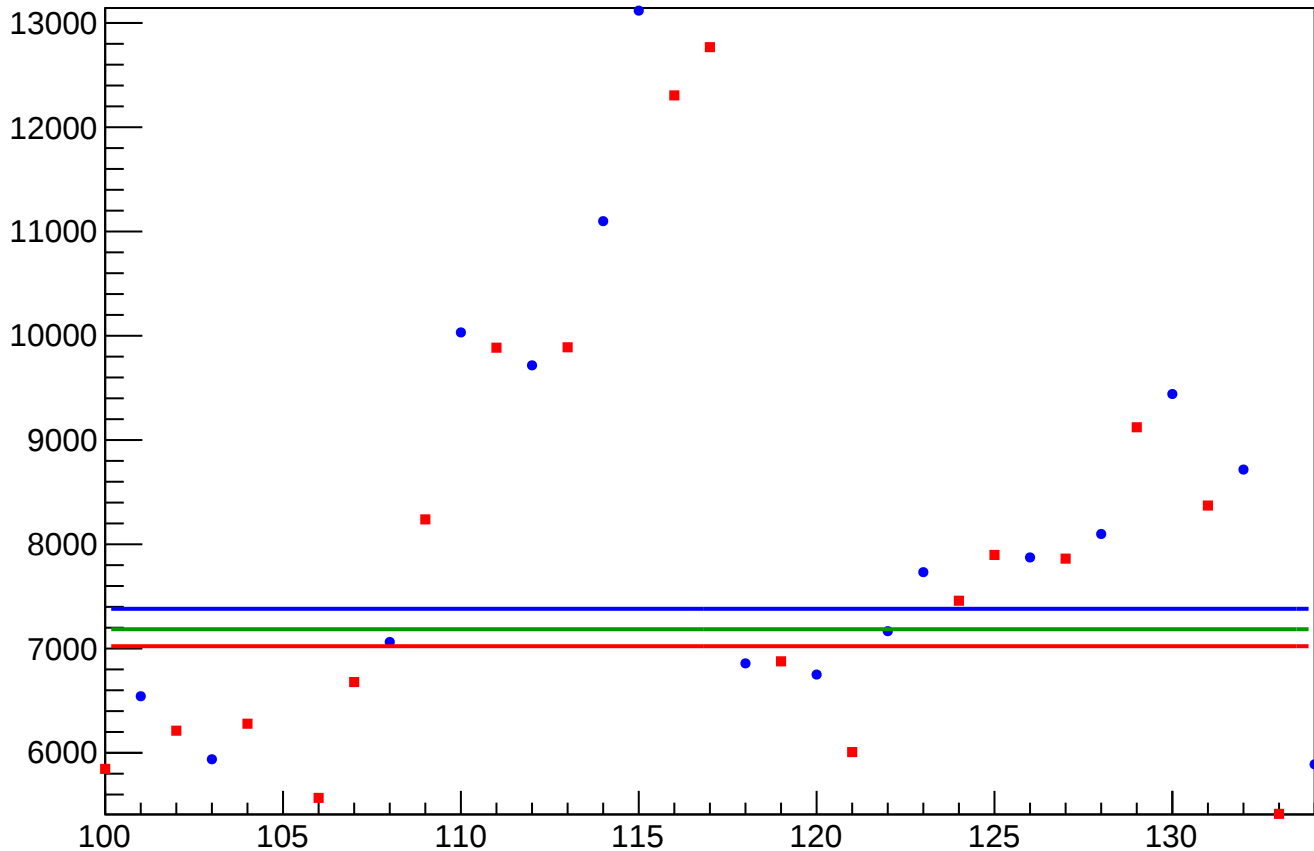
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.197+/-3.095 χ^2 /NDF: 13.1/15

-5.346+/-2.086 χ^2 /NDF: 36.2/33

-5.469+/-2.824 χ^2 /NDF: 23.1/17

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7381.331+/-2.189 χ^2/NDF : 384779.6/15

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

Right Out: 7022.544+/-1.997 χ^2/NDF : 538549.8/17

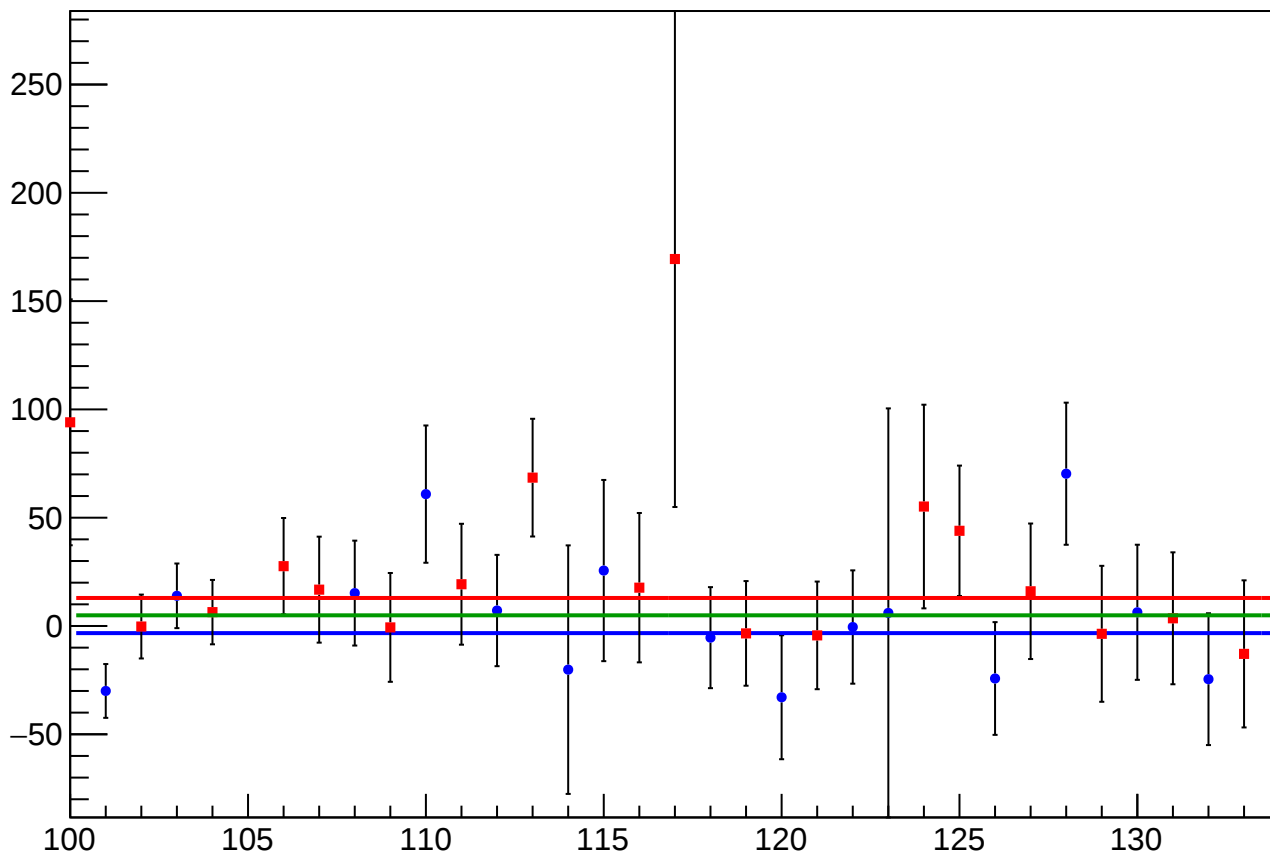
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7381.331+/-2.189 χ^2/NDF : 384779.6/15

7185.512+/-1.475 χ^2/NDF : 937996.2/33

7022.544+/-1.997 χ^2/NDF : 538549.8/17

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.289 $\pm$ 6.148 χ^2/NDF : 18.9/15

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

Right Out: 12.938 $\pm$ 6.070 χ^2/NDF : 13.7/17

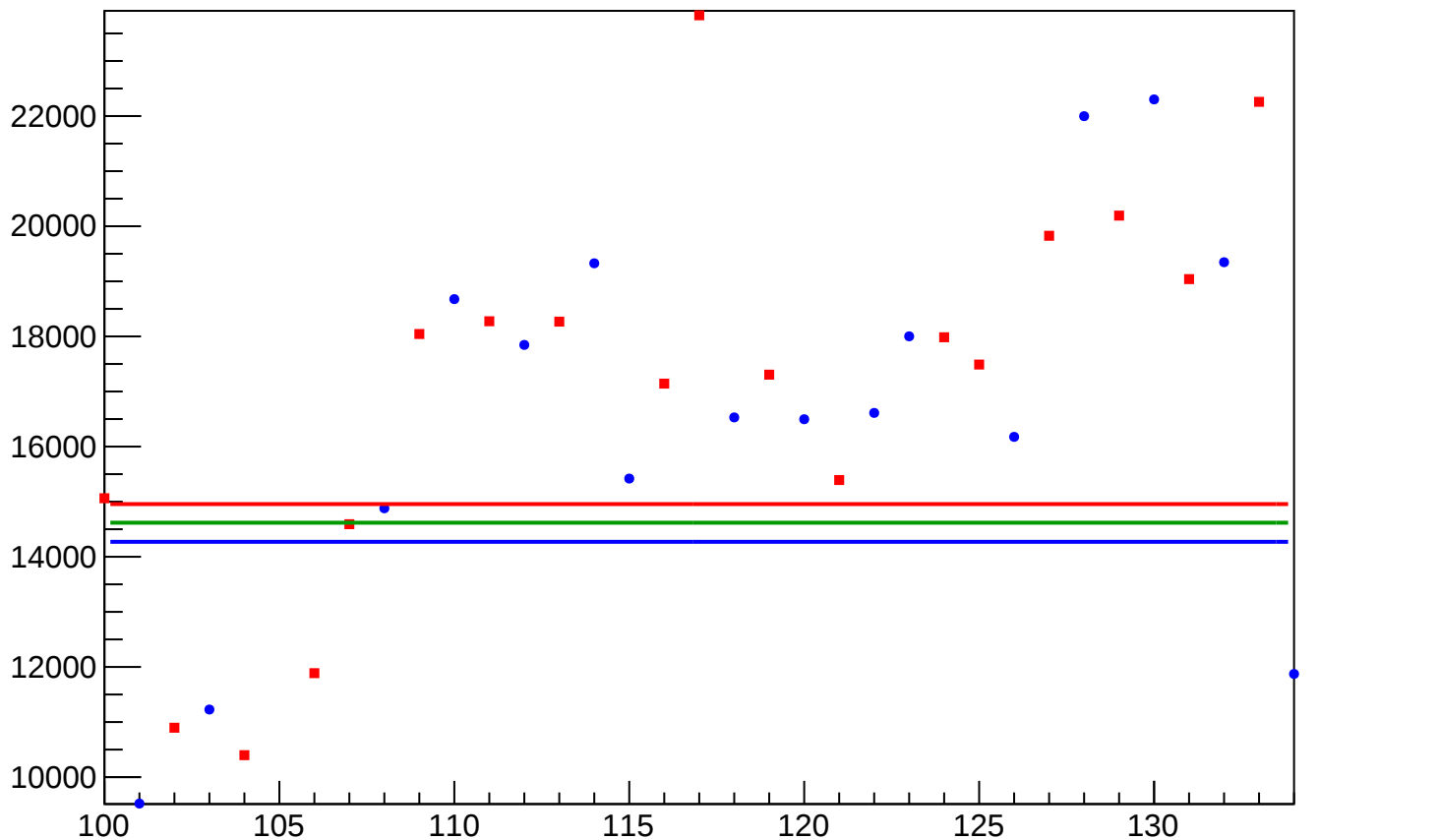
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-3.289 $\pm$ 6.148 χ^2/NDF : 18.9/15

4.927 $\pm$ 4.320 χ^2/NDF : 36.1/33

12.938 $\pm$ 6.070 χ^2/NDF : 13.7/17

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14271.653+/-4.347 χ^2/NDF : 845747.2/15

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

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

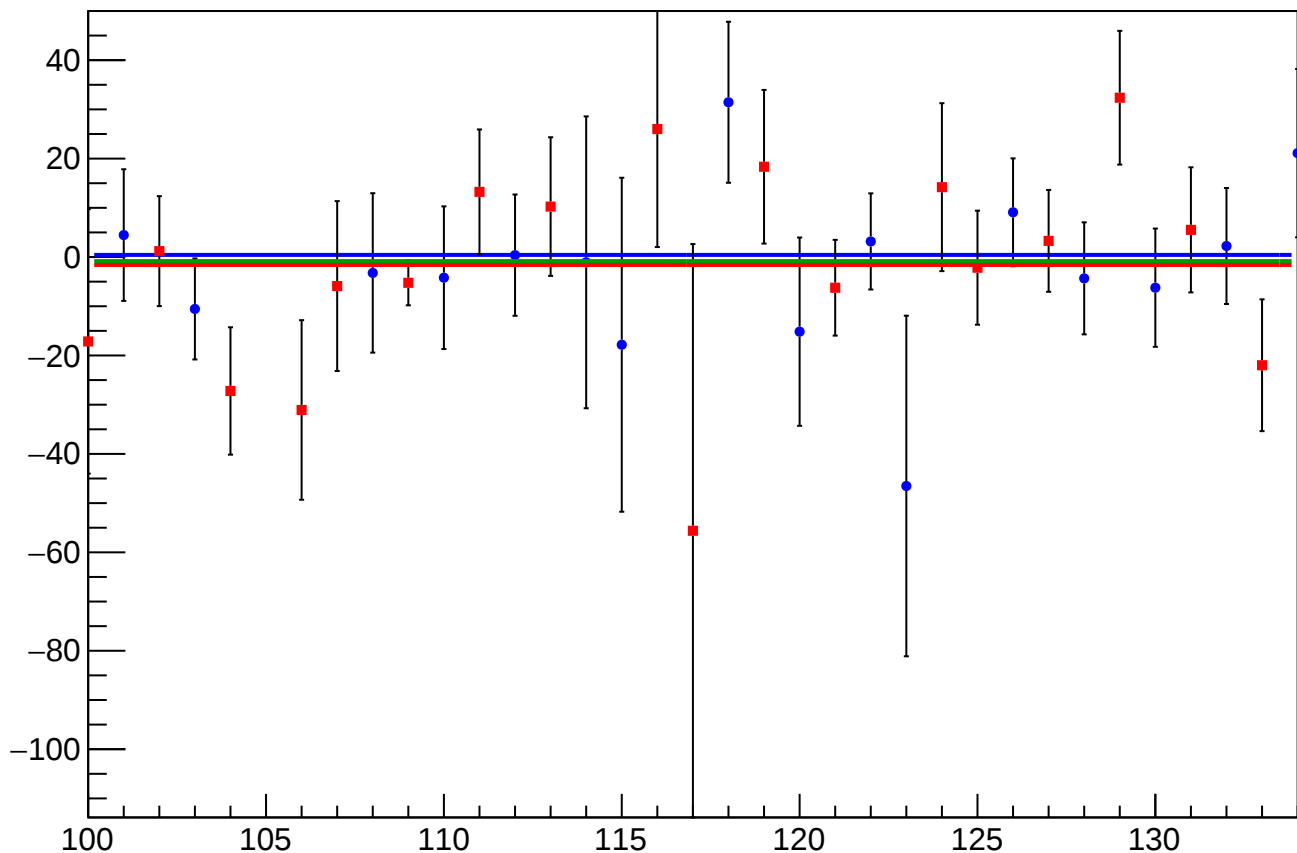
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14271.653+/-4.347 χ^2/NDF : 845747.2/15

14618.441+/-3.054 χ^2/NDF : 1619248.5/3

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

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.434+/-3.458 χ^2/NDF : 10.5/15

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

Right Out: -1.609+/-2.723 χ^2/NDF : 23.7/17

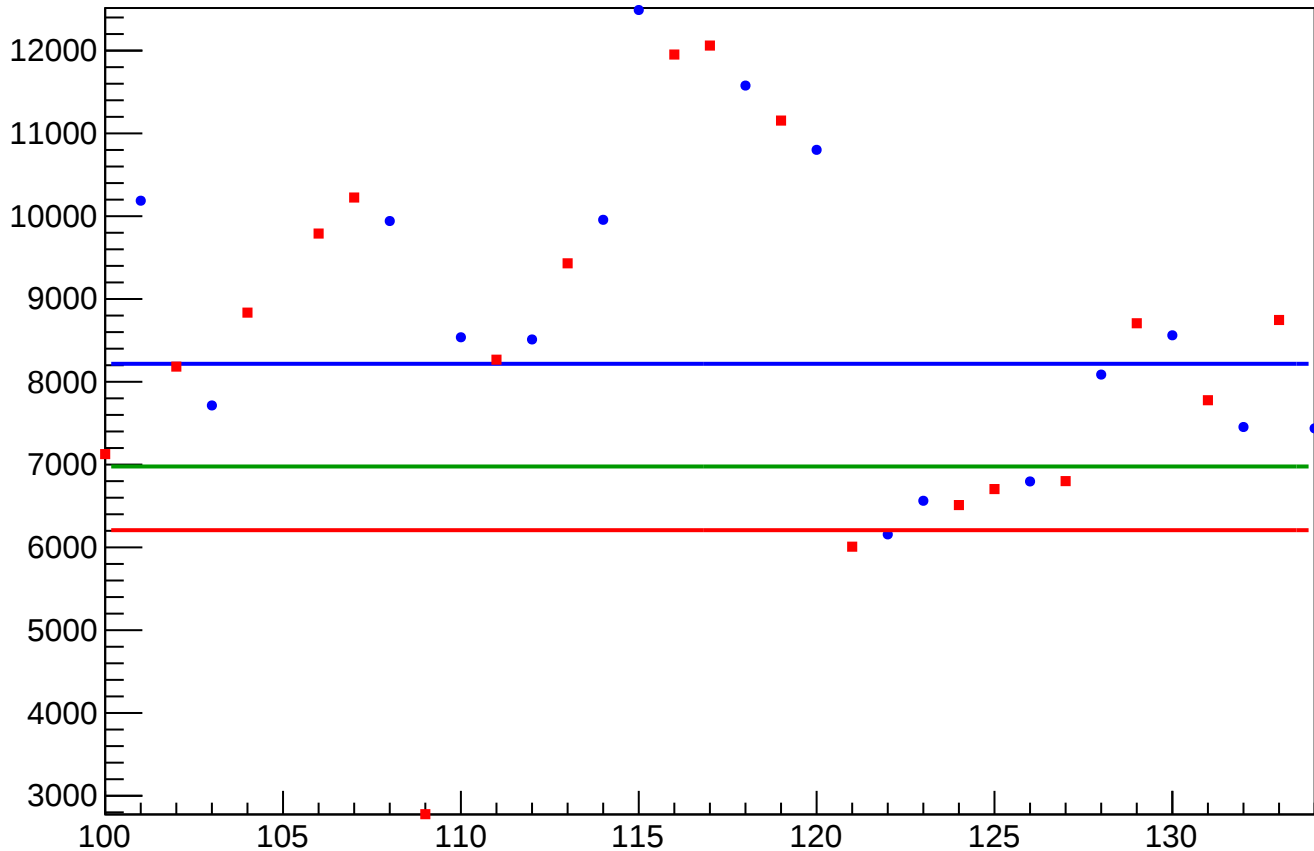
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.434+/-3.458 χ^2/NDF : 10.5/15

-0.826+/-2.139 χ^2/NDF : 34.4/33

-1.609+/-2.723 χ^2/NDF : 23.7/17

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8217.294 $\pm$ 2.445 χ^2 /NDF: 374144.2/15

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

Right Out: 6207.859 $\pm$ 1.926 χ^2 /NDF: 2130963.7/17

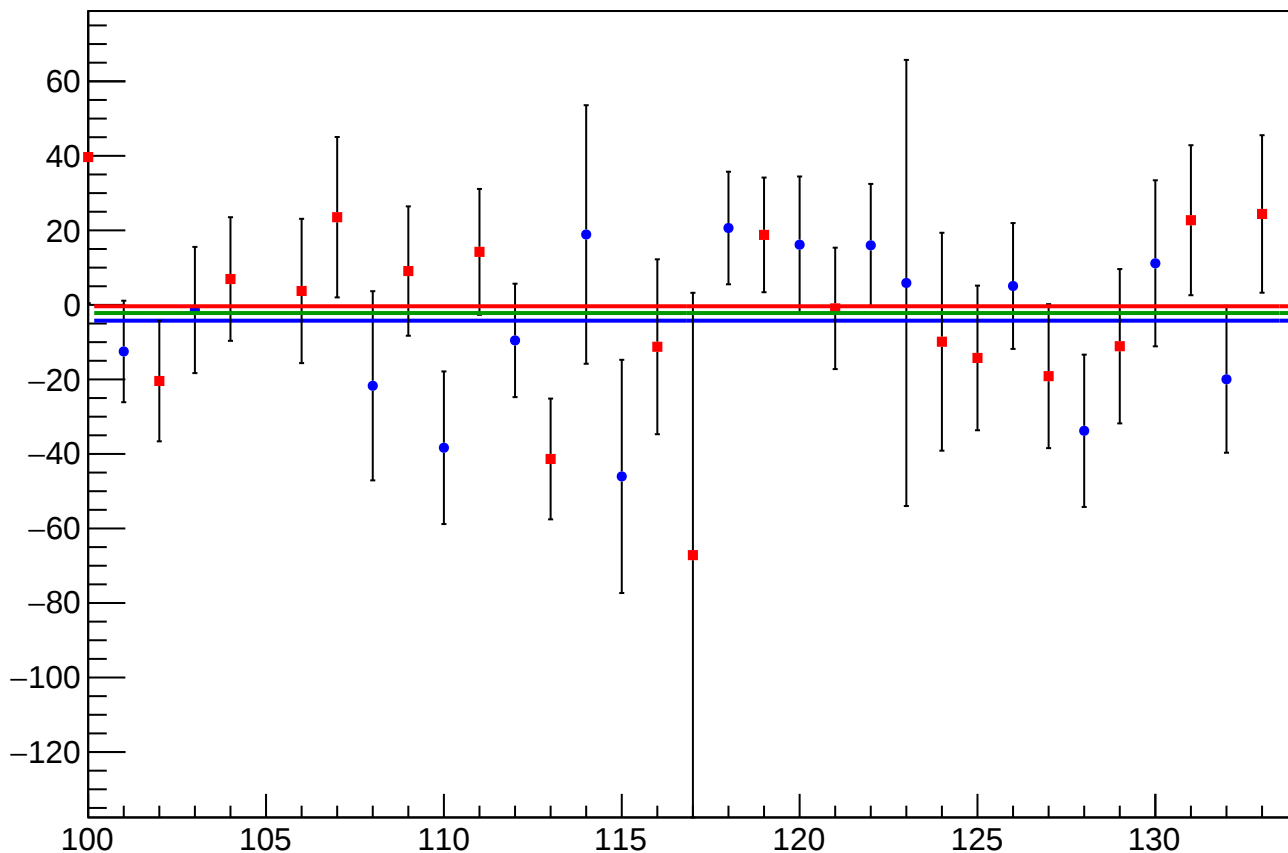
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8217.294 $\pm$ 2.445 χ^2 /NDF: 374144.2/15

6977.127 $\pm$ 1.513 χ^2 /NDF: 2921980.5/33

6207.859 $\pm$ 1.926 χ^2 /NDF: 2130963.7/17

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -4.234+/-4.886 χ^2/NDF : 15.1/15

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

Right Out: -0.369+/-4.607 χ^2/NDF : 18.7/17

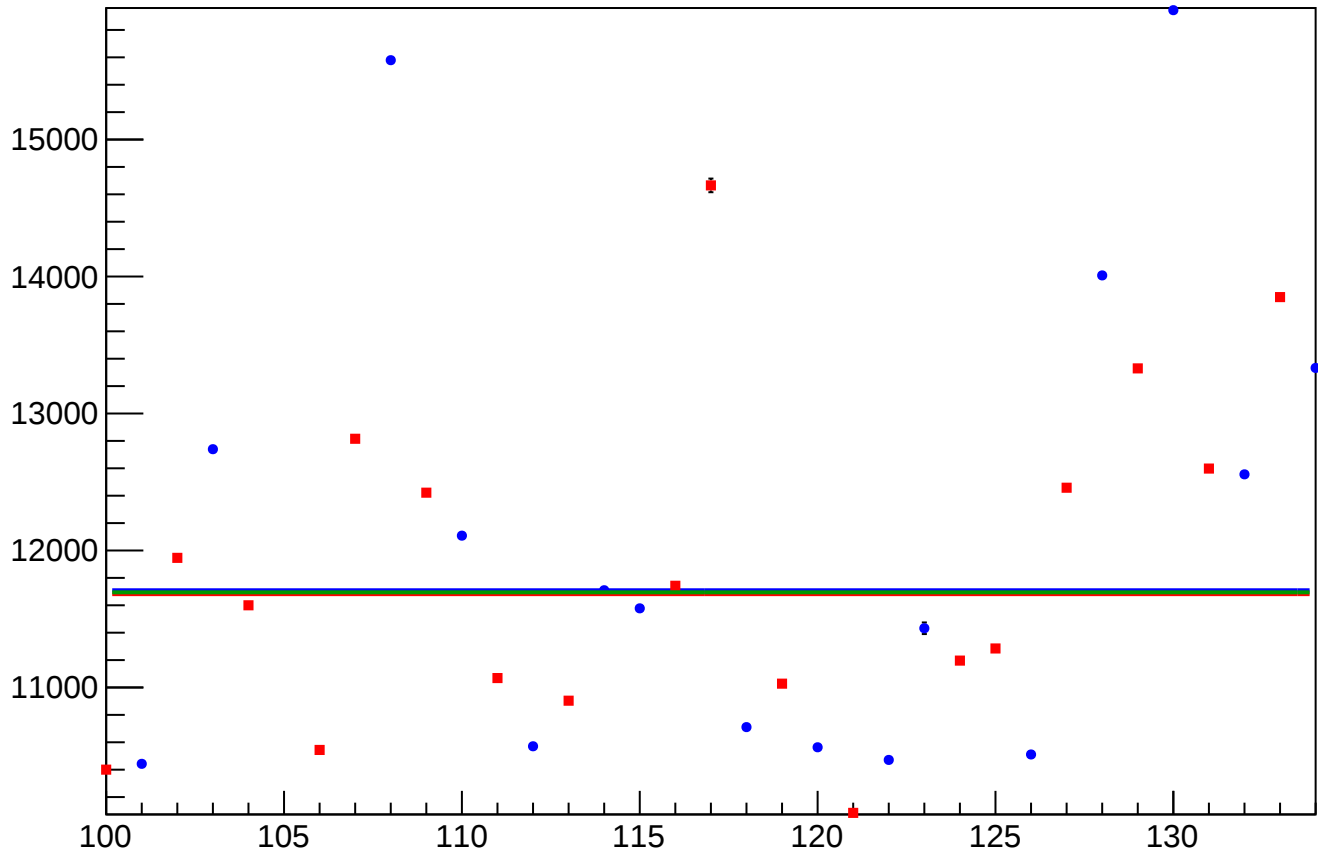
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.234+/-4.886 χ^2/NDF : 15.1/15

-2.188+/-3.352 χ^2/NDF : 34.1/33

-0.369+/-4.607 χ^2/NDF : 18.7/17

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11709.615 $\pm$ 3.455 χ^2 /NDF: 228158.3/15

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

Right Out: 11681.406 $\pm$ 3.258 χ^2 /NDF: 94974.0/17

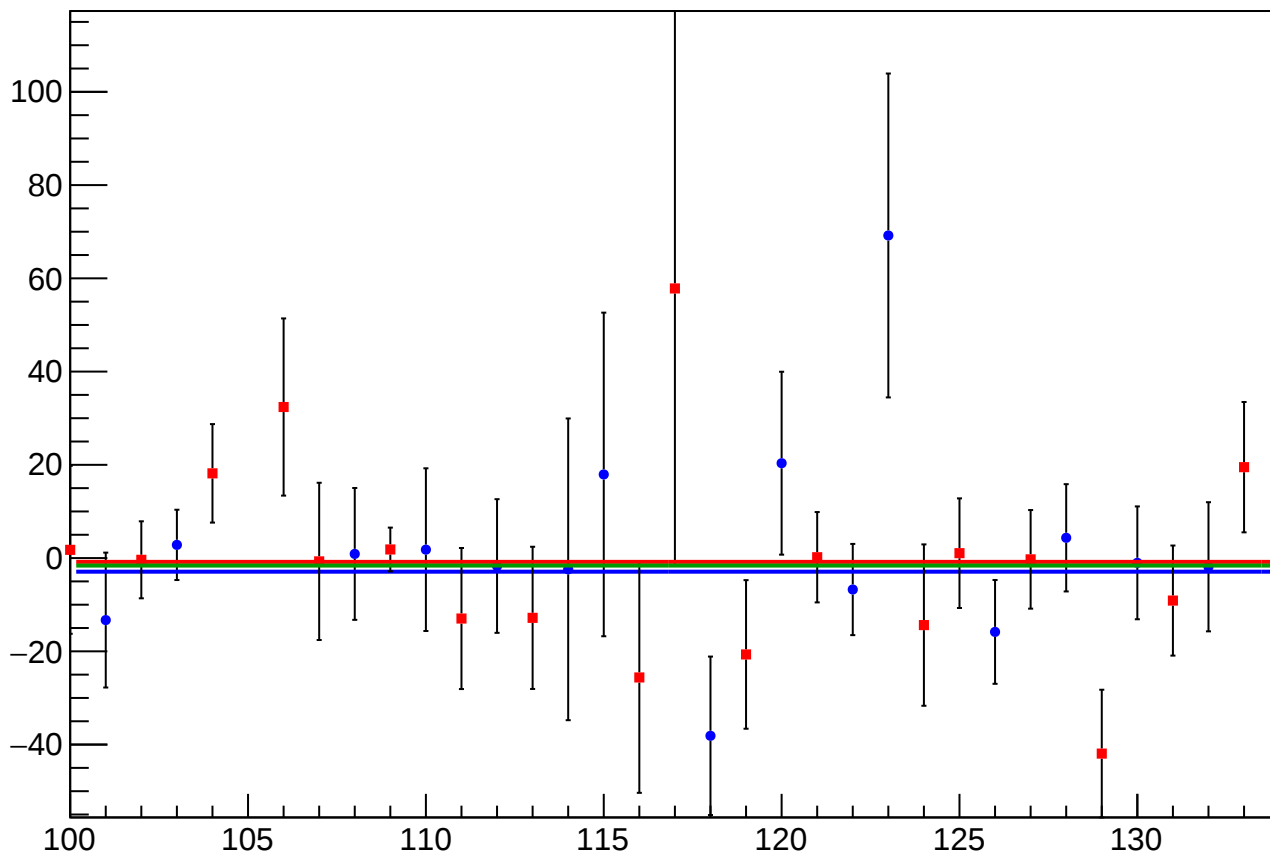
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11709.615 $\pm$ 3.455 χ^2 /NDF: 228158.3/15

11694.684 $\pm$ 2.370 χ^2 /NDF: 323167.5/33

11681.406 $\pm$ 3.258 χ^2 /NDF: 94974.0/17

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.919+/-3.421 χ^2/NDF : 14.0/15

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

Right Out: -0.812+/-2.665 χ^2/NDF : 23.7/17

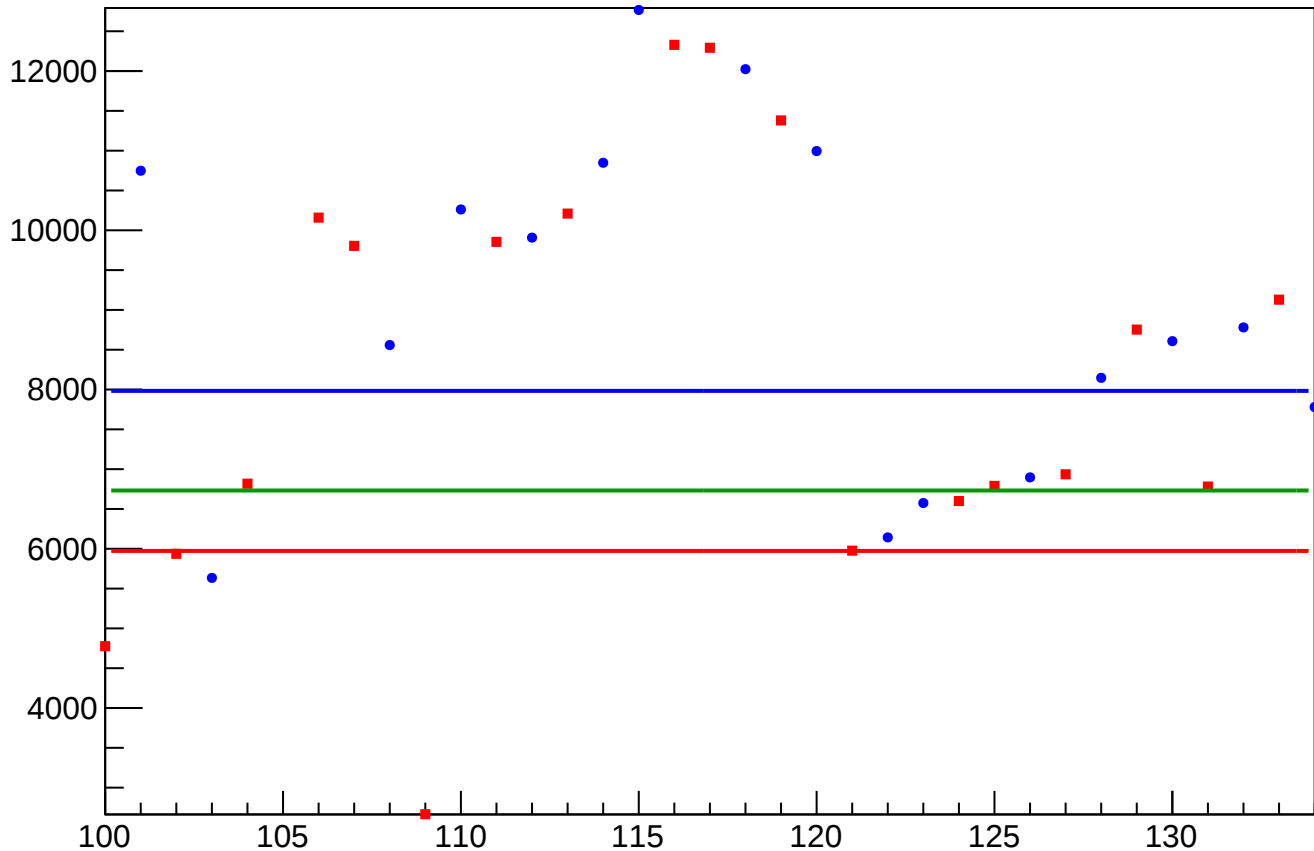
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.919+/-3.421 χ^2/NDF : 14.0/15

-1.608+/-2.102 χ^2/NDF : 37.9/33

-0.812+/-2.665 χ^2/NDF : 23.7/17

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7983.132 $\pm$ 2.419 χ^2 /NDF: 660303.4/15

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

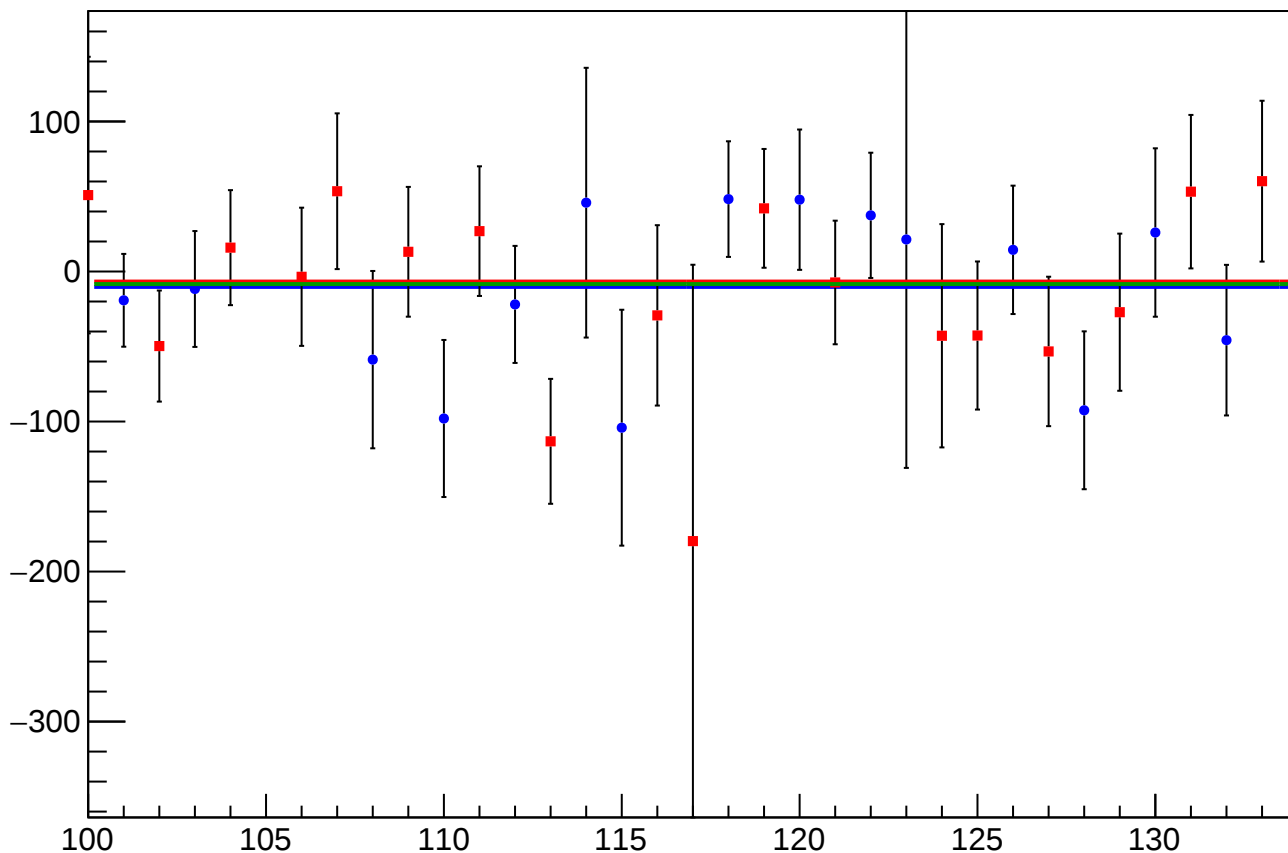
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7983.132 $\pm$ 2.419 χ^2 /NDF: 660303.4/15

6732.118 $\pm$ 1.487 χ^2 /NDF: 3200441.3/33

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

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -10.248+/-12.091 χ^2 /NDF: 14.5/15

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

Right Out: -6.711+/-11.441 χ^2 /NDF: 18.1/17

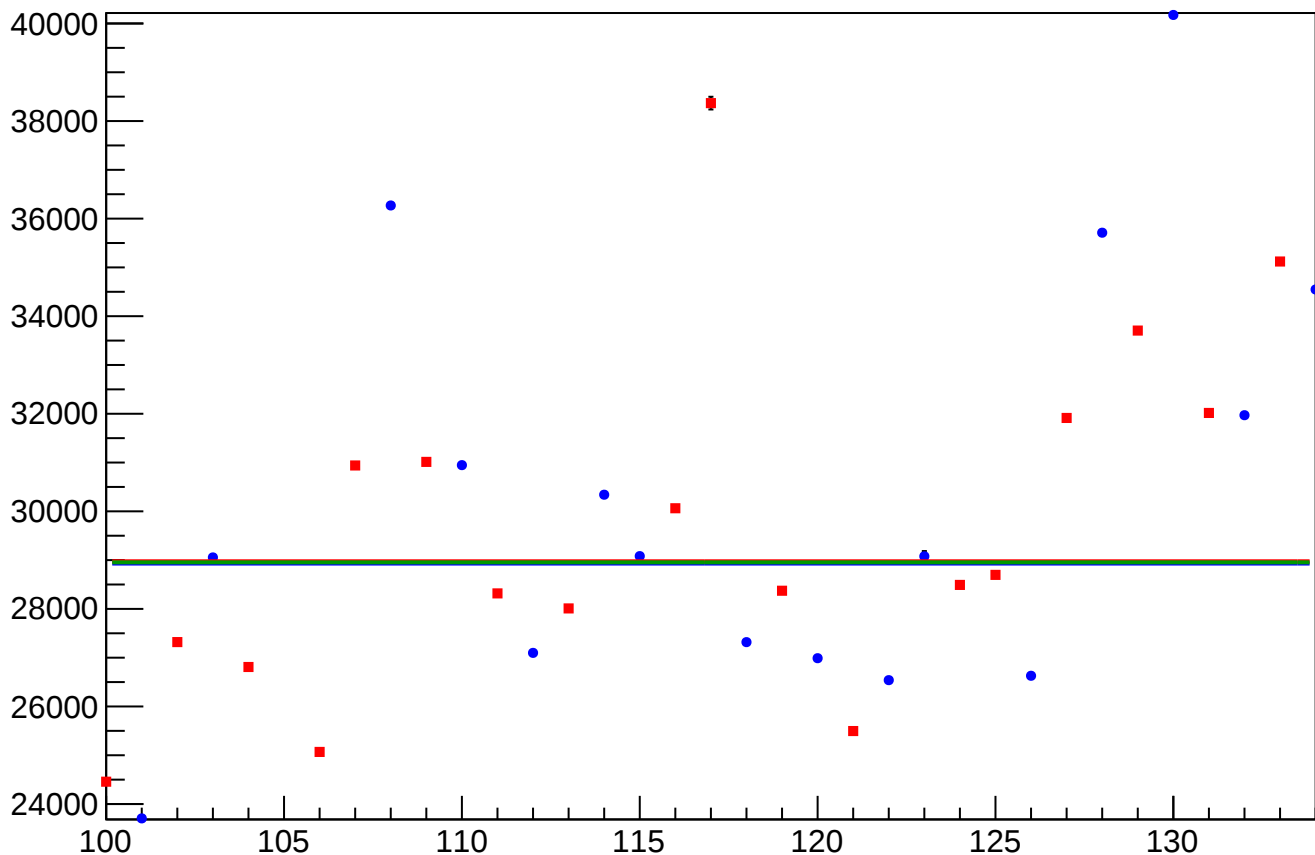
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-10.248+/-12.091 χ^2 /NDF: 14.5/15

-8.382+/-8.310 χ^2 /NDF: 32.6/33

-6.711+/-11.441 χ^2 /NDF: 18.1/17

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28929.401+/-8.549 χ^2/NDF : 246122.6/15

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

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

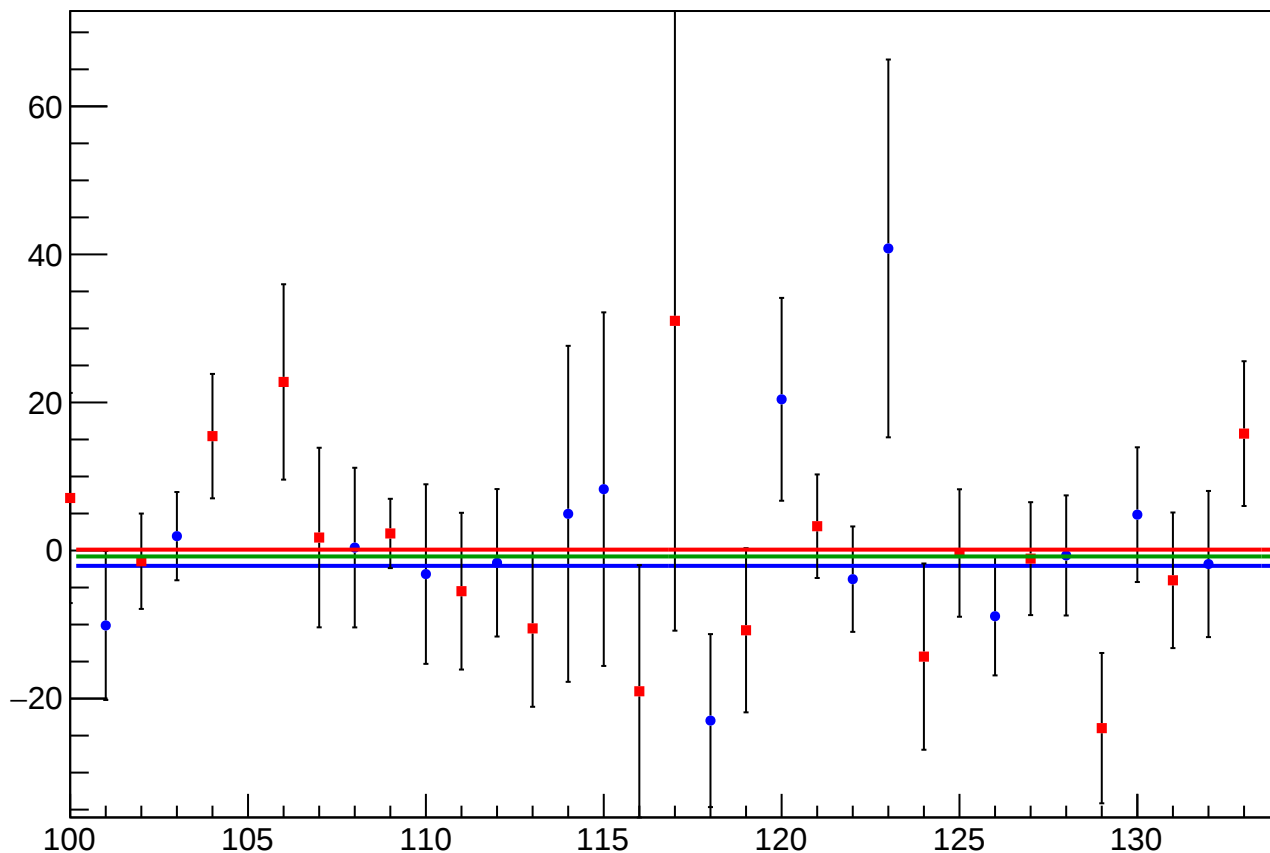
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28929.401+/-8.549 χ^2/NDF : 246122.6/15

28954.010+/-5.876 χ^2/NDF : 361936.2/33

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

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.071 ± 2.497 $\chi^2/\text{NDF}: 12.6/15$

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

Right Out: 0.121 ± 2.128 $\chi^2/\text{NDF}: 20.8/17$

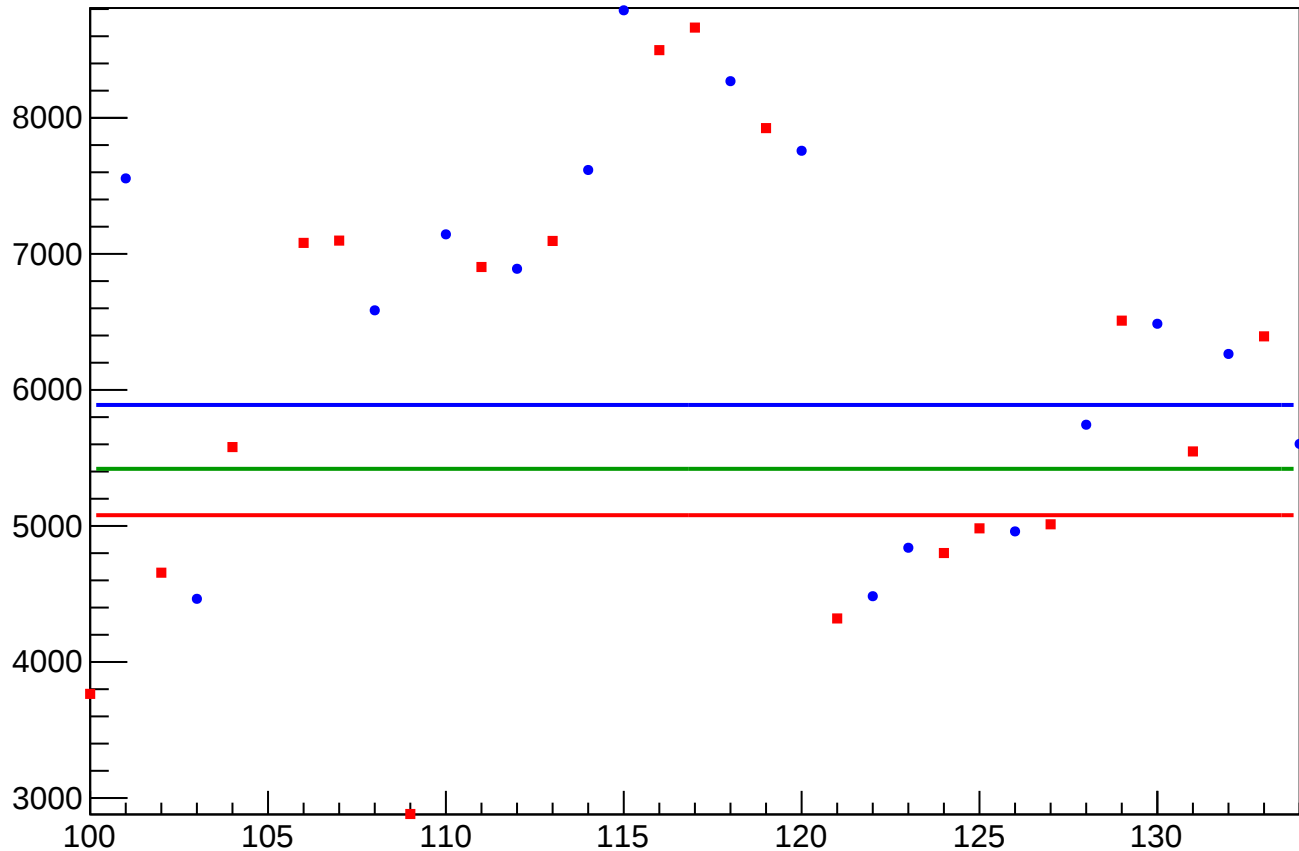
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.071 ± 2.497 $\chi^2/\text{NDF}: 12.6/15$

-0.801 ± 1.620 $\chi^2/\text{NDF}: 33.9/33$

0.121 ± 2.128 $\chi^2/\text{NDF}: 20.8/17$

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5889.581+/-1.766 χ^2/NDF : 501816.5/15

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

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

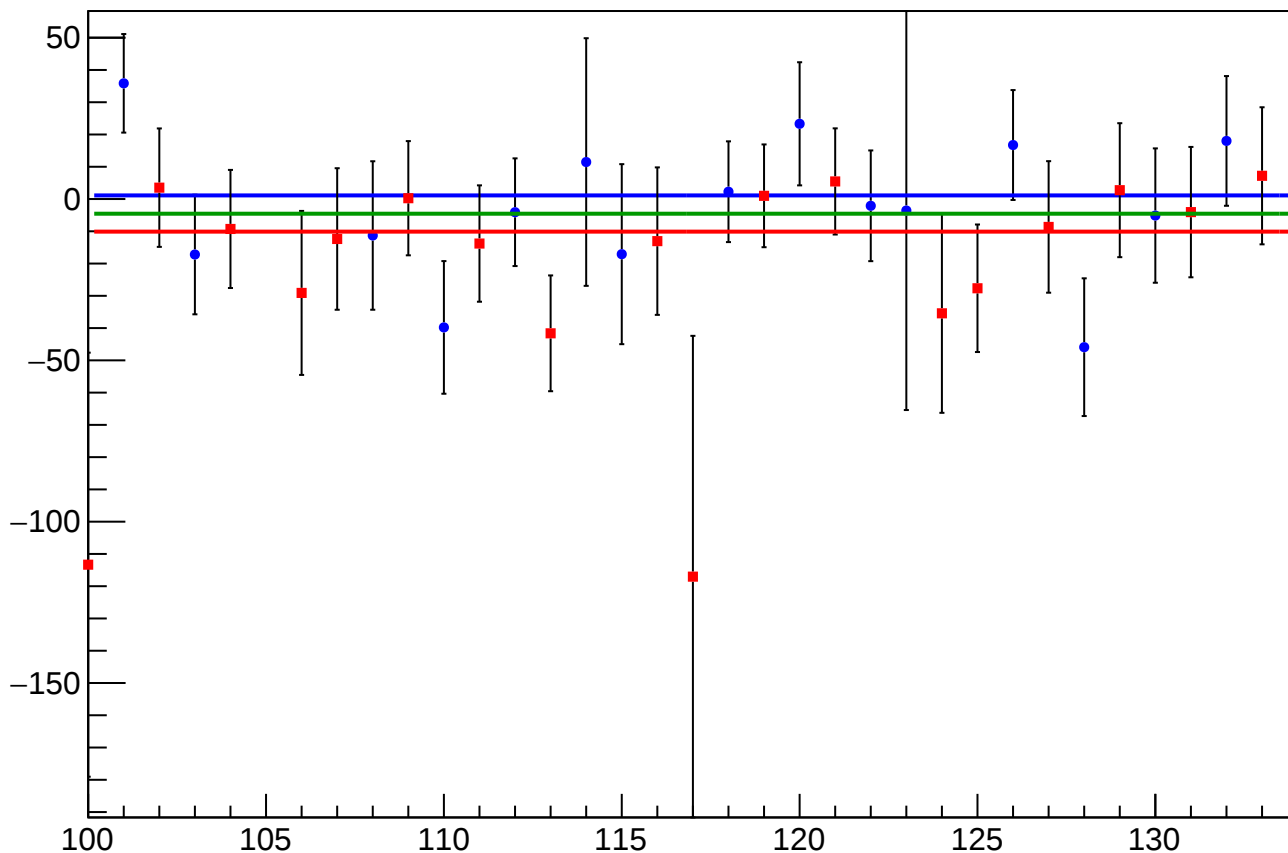
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5889.581+/-1.766 χ^2/NDF : 501816.5/15

5419.964+/-1.145 χ^2/NDF : 1663477.9/33

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

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 1.120+/-4.936 χ^2/NDF : 19.1/15

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

Right Out: -10.105+/-4.884 χ^2/NDF : 13.1/17

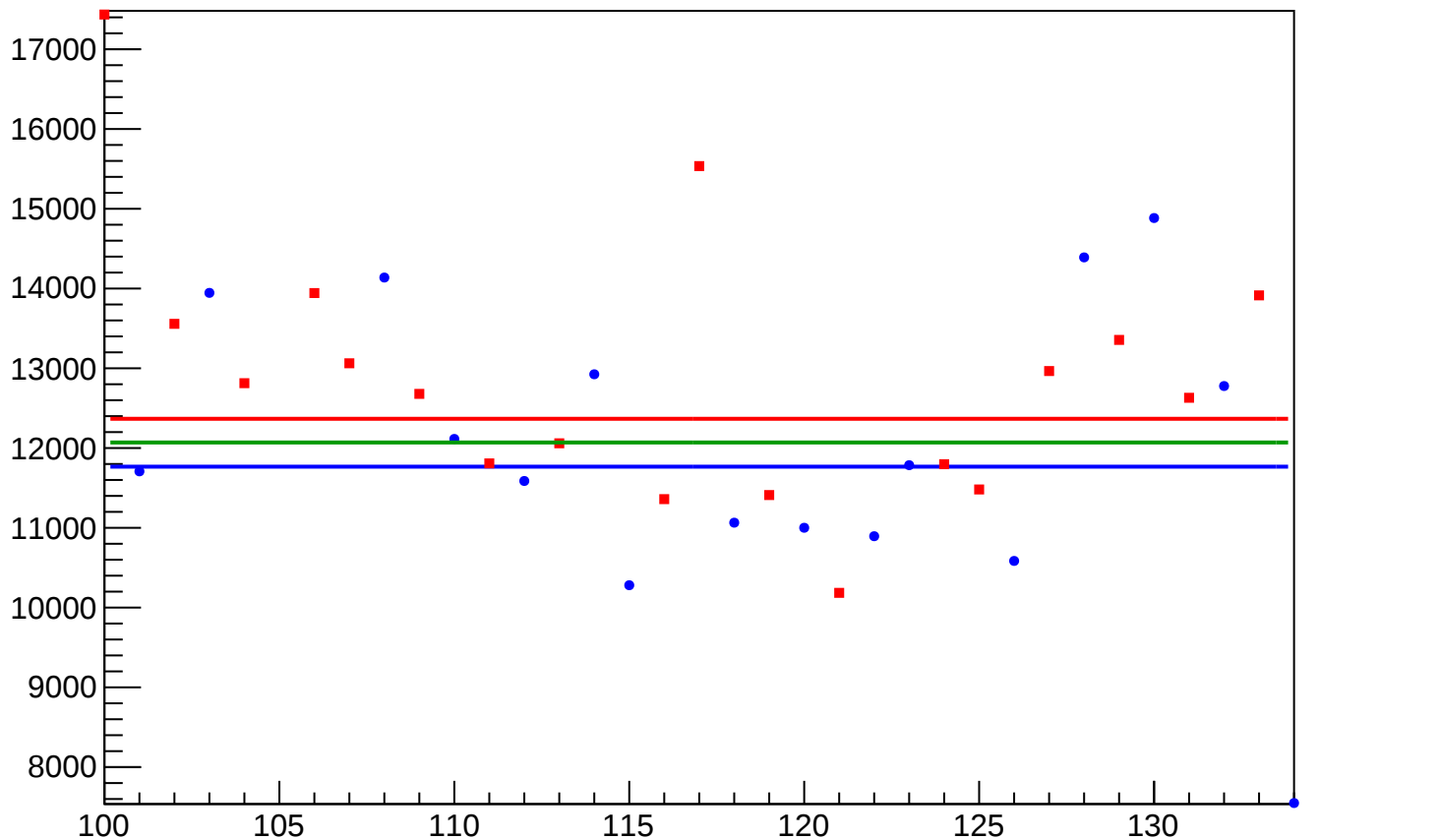
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.120+/-4.936 χ^2/NDF : 19.1/15

-4.552+/-3.472 χ^2/NDF : 34.9/33

-10.105+/-4.884 χ^2/NDF : 13.1/17

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11766.651+/-3.491 χ^2/NDF : 269570.6/15

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

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

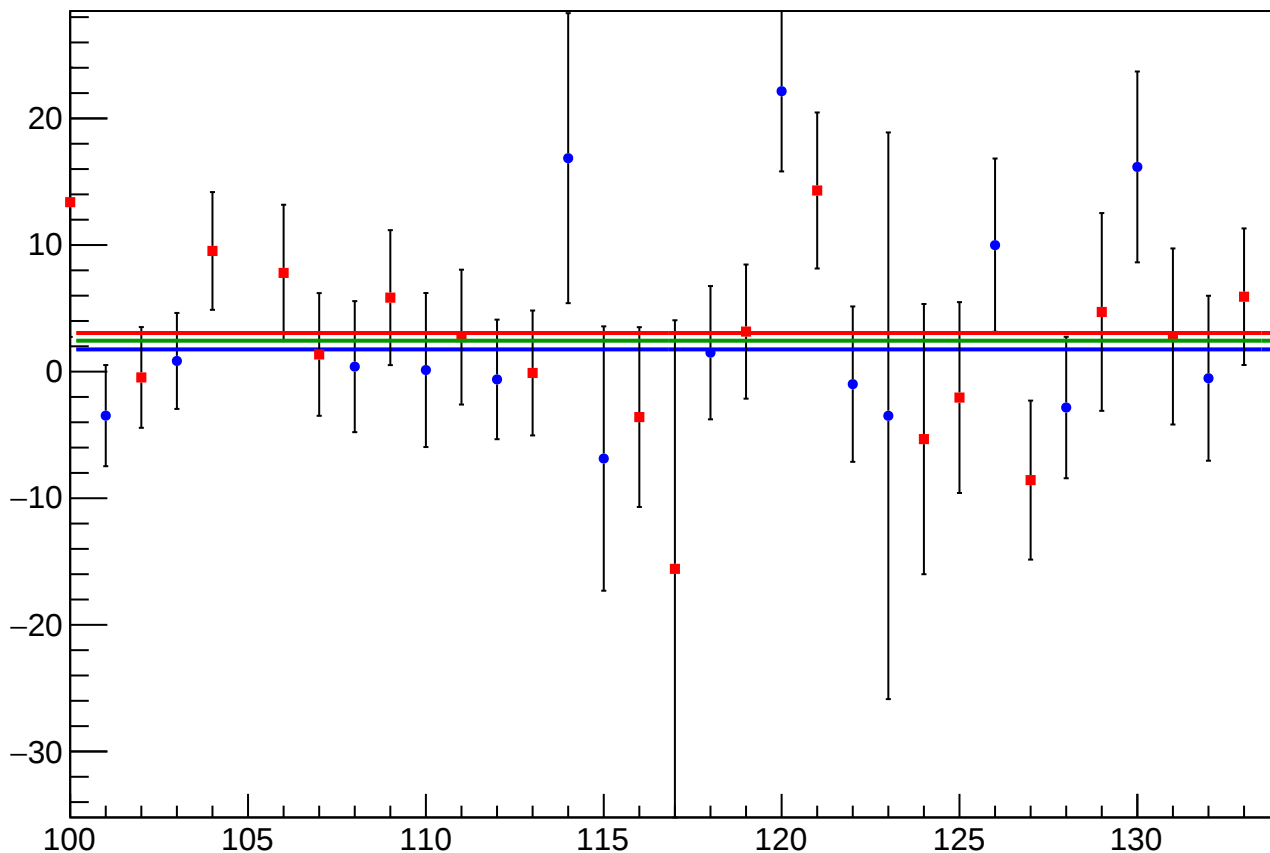
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11766.651+/-3.491 χ^2/NDF : 269570.6/15

12070.028+/-2.455 χ^2/NDF : 390657.0/33

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

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.755 $\pm$ 1.483 χ^2 /NDF: 21.8/15

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

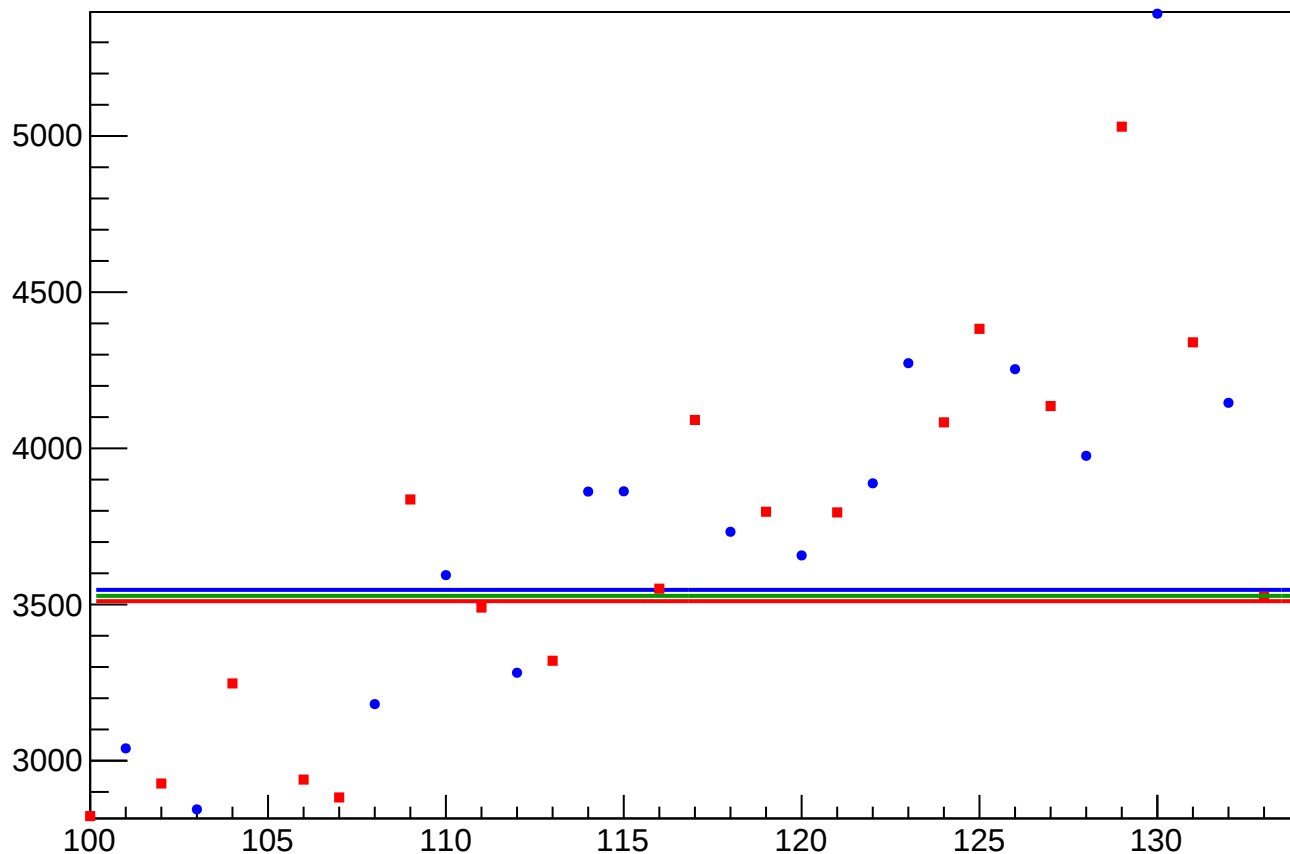
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.755 $\pm$ 1.483 χ^2 /NDF: 21.8/15

2.444 $\pm$ 1.016 χ^2 /NDF: 37.4/33

3.052 $\pm$ 1.394 χ^2 /NDF: 15.2/17

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3546.912 $\pm$ 1.049 χ^2 /NDF: 305095.9/15

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

Right Out: 3510.780 $\pm$ 0.986 χ^2 /NDF: 292805.8/17

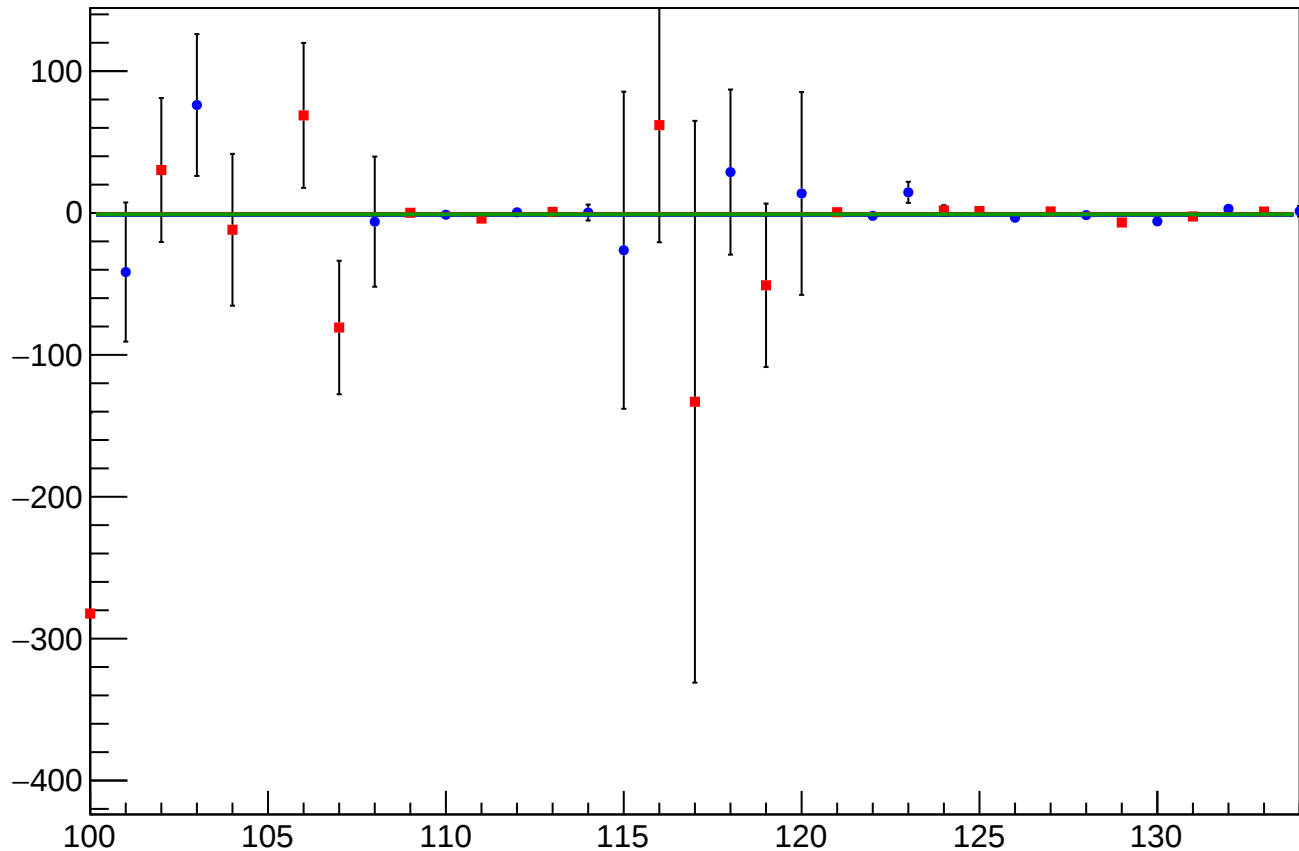
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3546.912 $\pm$ 1.049 χ^2 /NDF: 305095.9/15

3527.728 $\pm$ 0.718 χ^2 /NDF: 598531.9/33

3510.780 $\pm$ 0.986 χ^2 /NDF: 292805.8/17

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.337 ± 0.882 χ^2/NDF : 16.3/15

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

Right Out: -0.654 ± 0.793 χ^2/NDF : 21.2/17

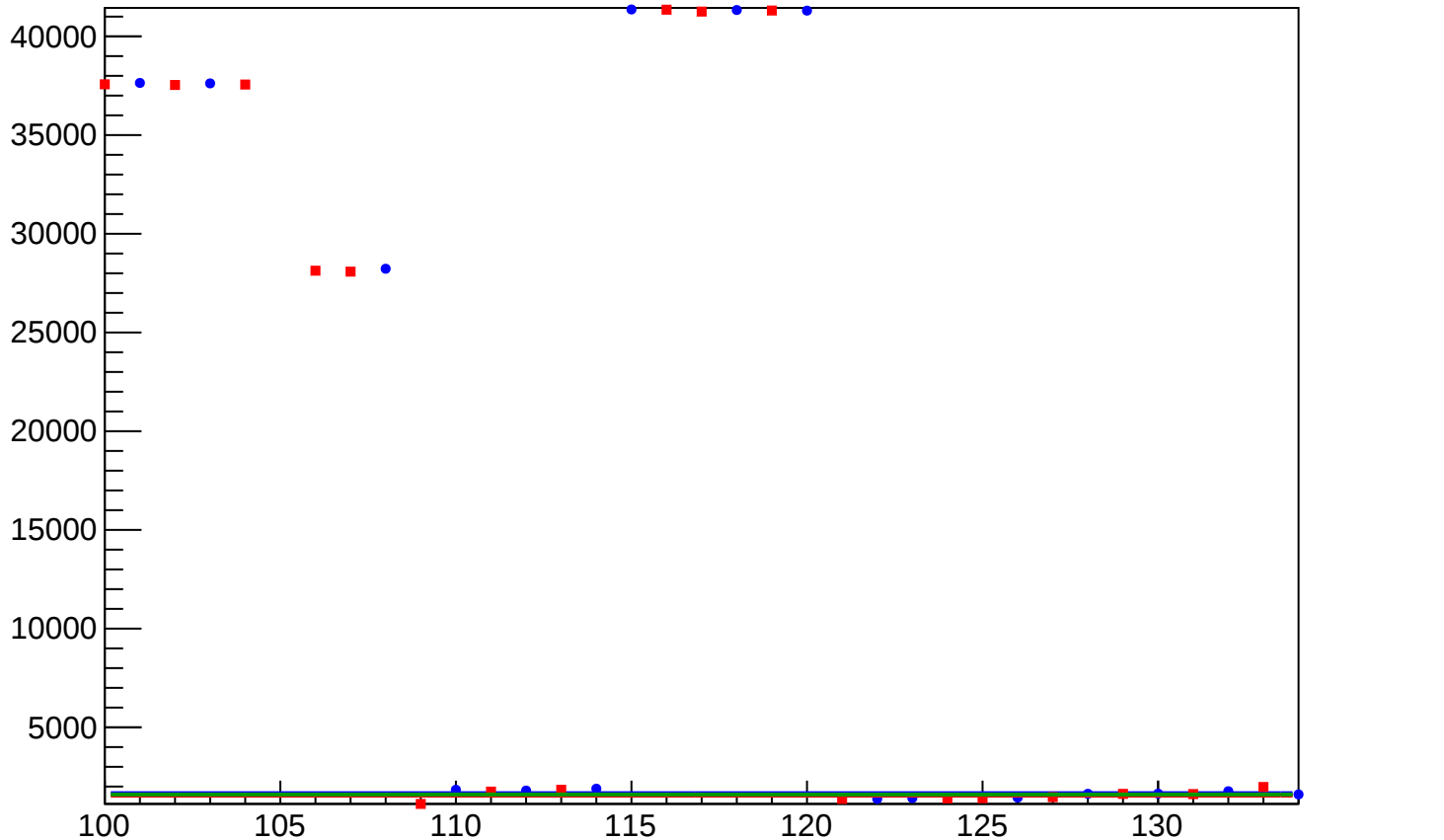
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.337 ± 0.882 χ^2/NDF : 16.3/15

-0.960 ± 0.590 χ^2/NDF : 37.8/33

-0.654 ± 0.793 χ^2/NDF : 21.2/17

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1663.746+/-0.624 χ^2/NDF : 4653338.6/15

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

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

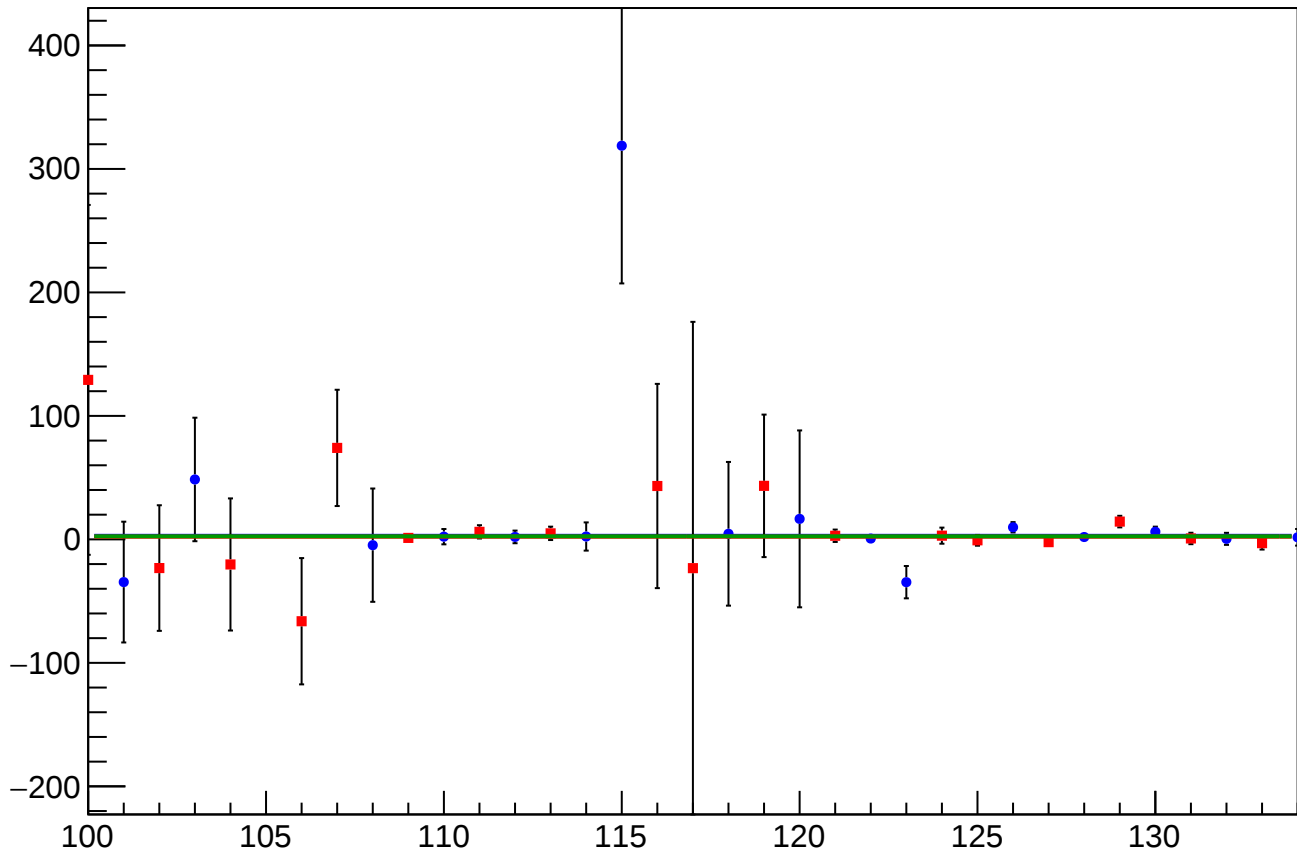
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1663.746+/-0.624 χ^2/NDF : 4653338.6/15

1596.971+/-0.417 χ^2/NDF : 9610141.2/33

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

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.880 $\pm$ 1.601 χ^2 /NDF: 21.8/15

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

Right Out: 2.176 $\pm$ 1.385 χ^2 /NDF: 16.7/17

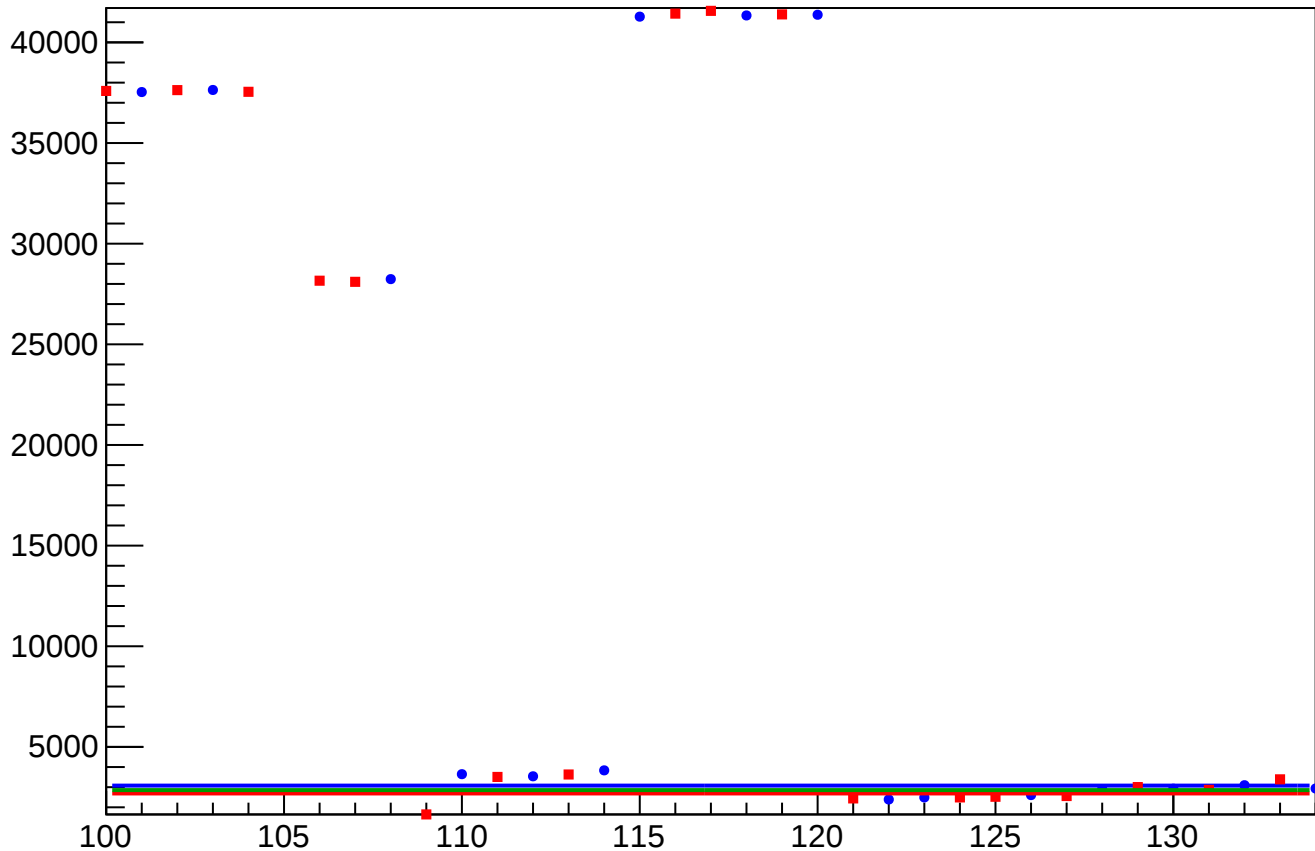
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.880 $\pm$ 1.601 χ^2 /NDF: 21.8/15

2.477 $\pm$ 1.048 χ^2 /NDF: 38.7/33

2.176 $\pm$ 1.385 χ^2 /NDF: 16.7/17

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3077.783+/-1.132 χ^2/NDF : 4365149.5/15

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

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

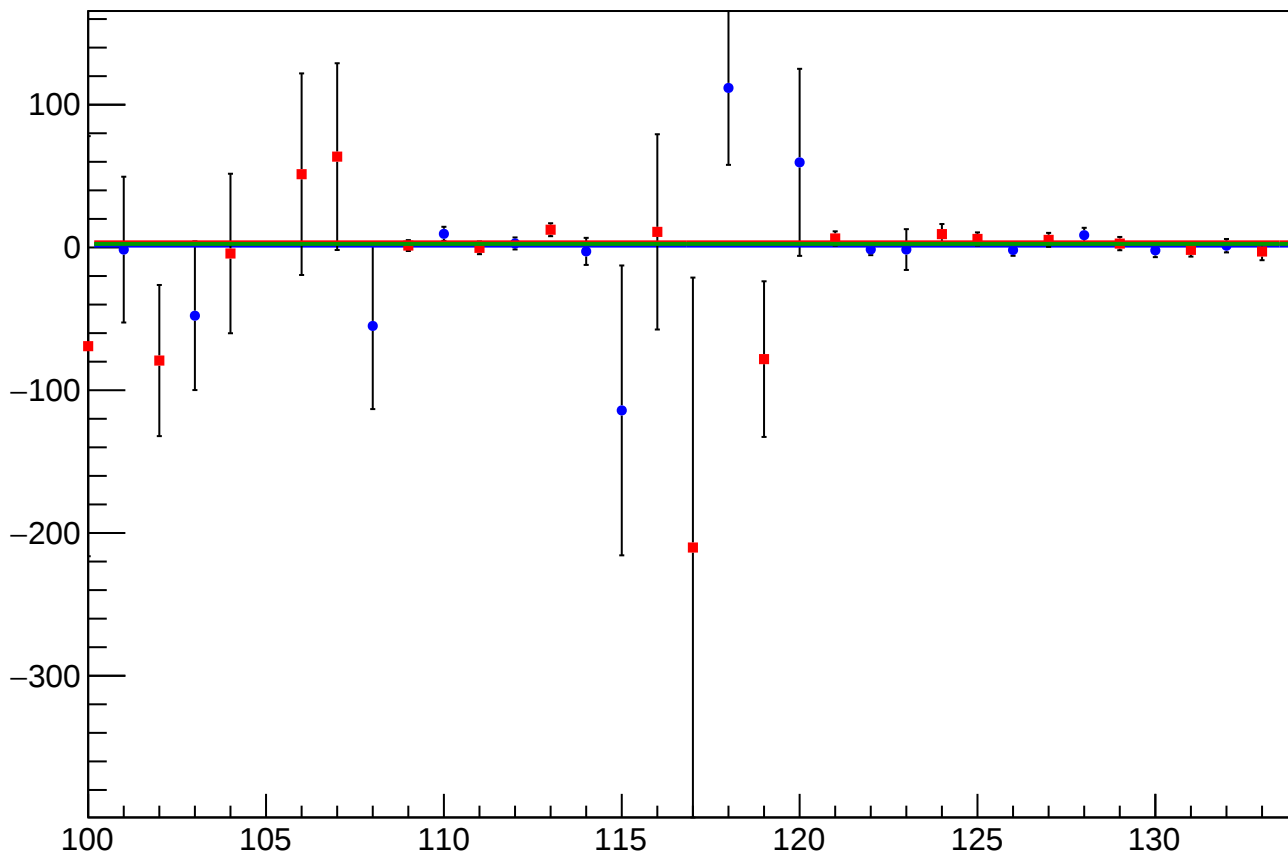
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3077.783+/-1.132 χ^2/NDF : 4365149.5/15

2854.969+/-0.741 χ^2/NDF : 9309625.3/33

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

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.315+/-1.567 χ^2/NDF : 15.2/15

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

Right Out: 3.593+/-1.512 χ^2/NDF : 16.2/17

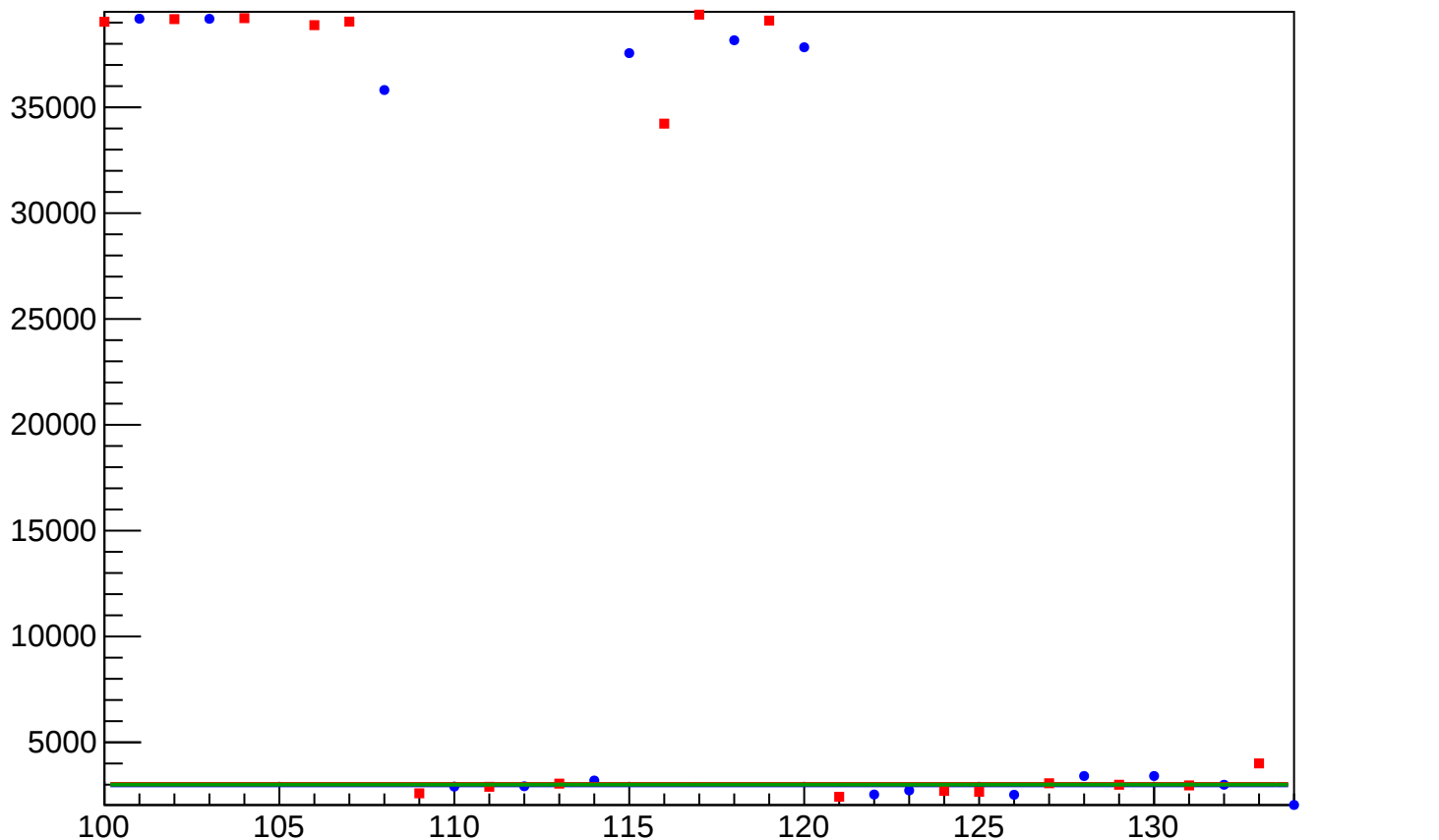
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.315+/-1.567 χ^2/NDF : 15.2/15

2.495+/-1.088 χ^2/NDF : 32.5/33

3.593+/-1.512 χ^2/NDF : 16.2/17

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2971.890 ± 1.108 χ^2/NDF : 4415392.3/15

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

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

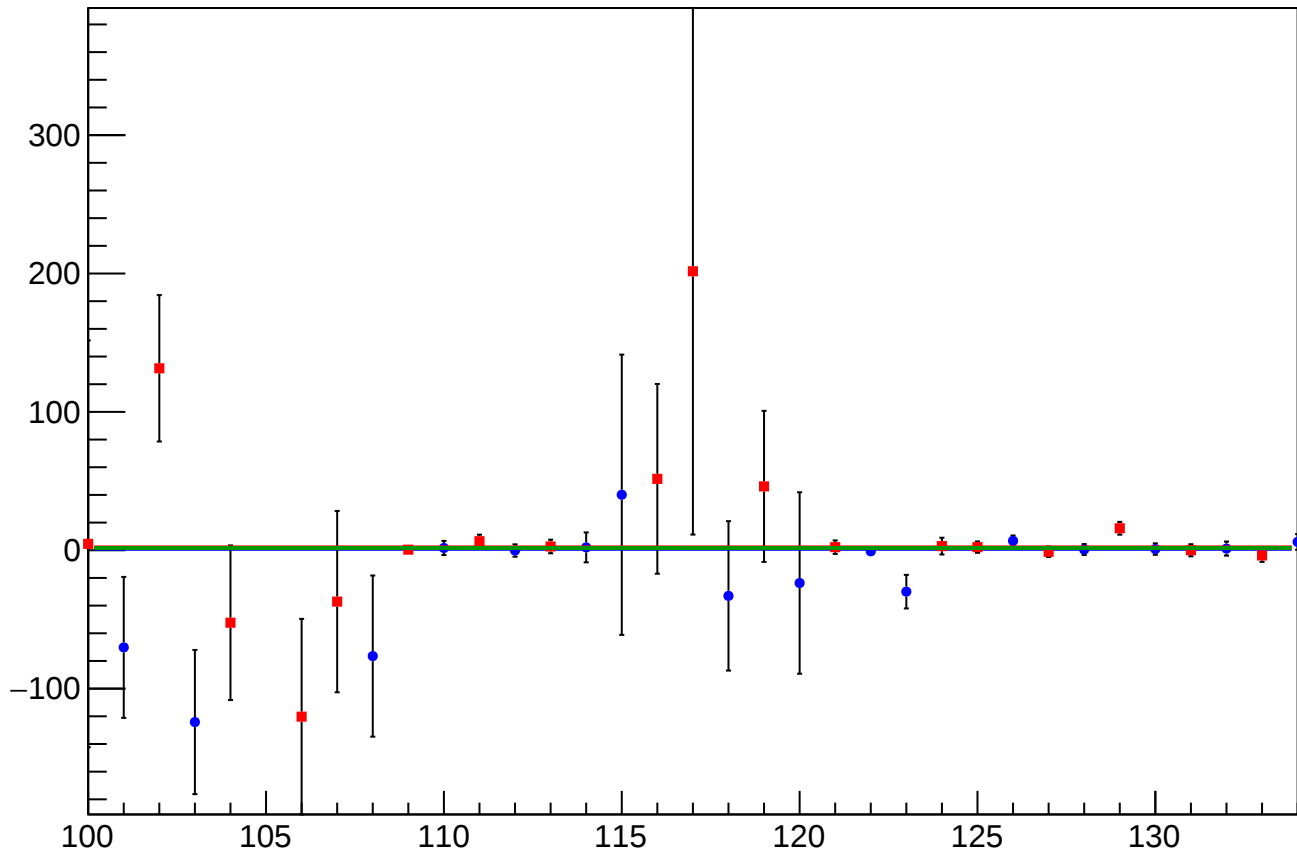
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2971.890 ± 1.108 χ^2/NDF : 4415392.3/15

3002.778 ± 0.769 χ^2/NDF : 8921298.0/33

3031.545 ± 1.069 χ^2/NDF : 4504404.5/17

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.062 $\pm$ 1.500 χ^2/NDF : 20.1/15

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

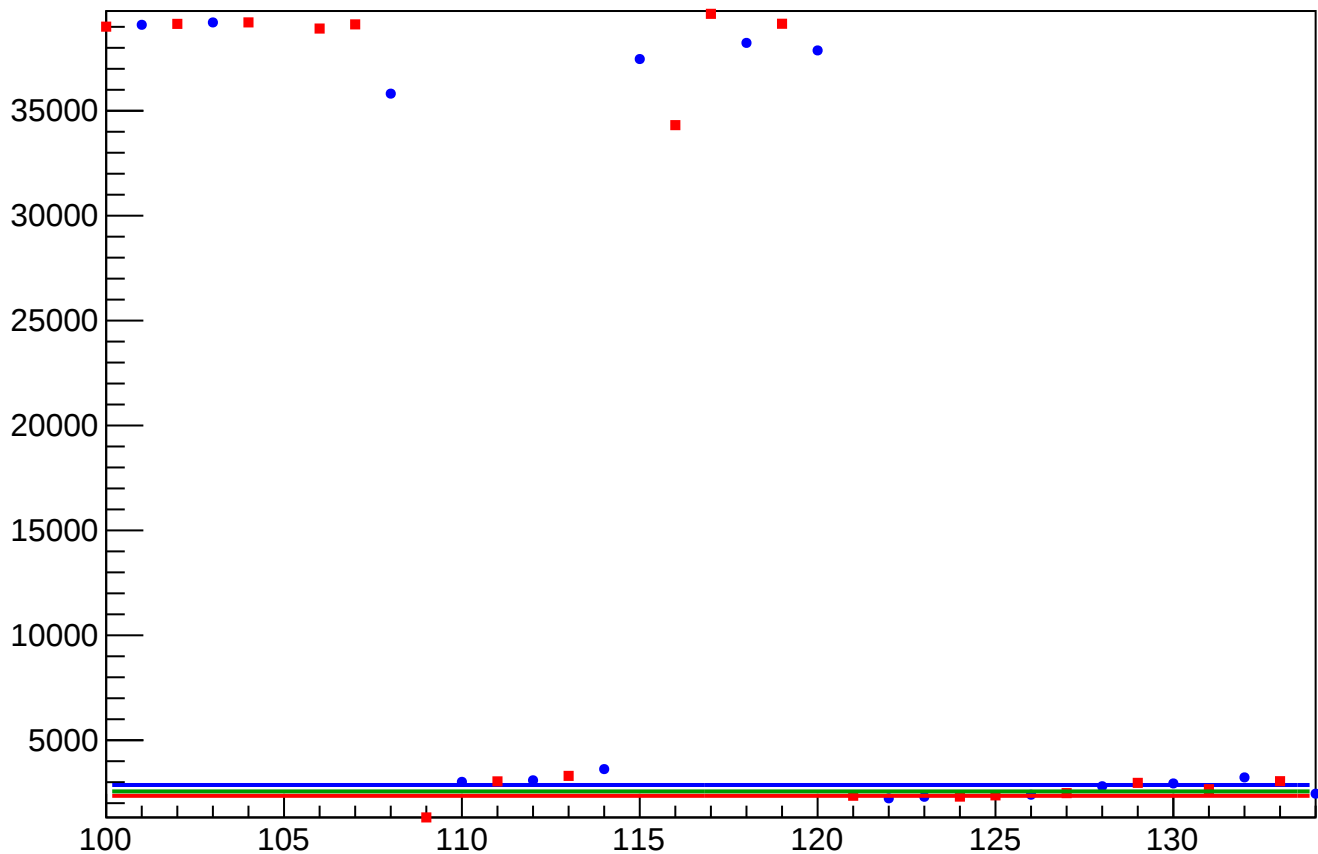
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.062 $\pm$ 1.500 χ^2/NDF : 20.1/15

1.654 $\pm$ 0.958 χ^2/NDF : 45.8/33

2.062 $\pm$ 1.245 χ^2/NDF : 25.5/17

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2866.251+/-1.061 χ^2/NDF : 4422887.6/15

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

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

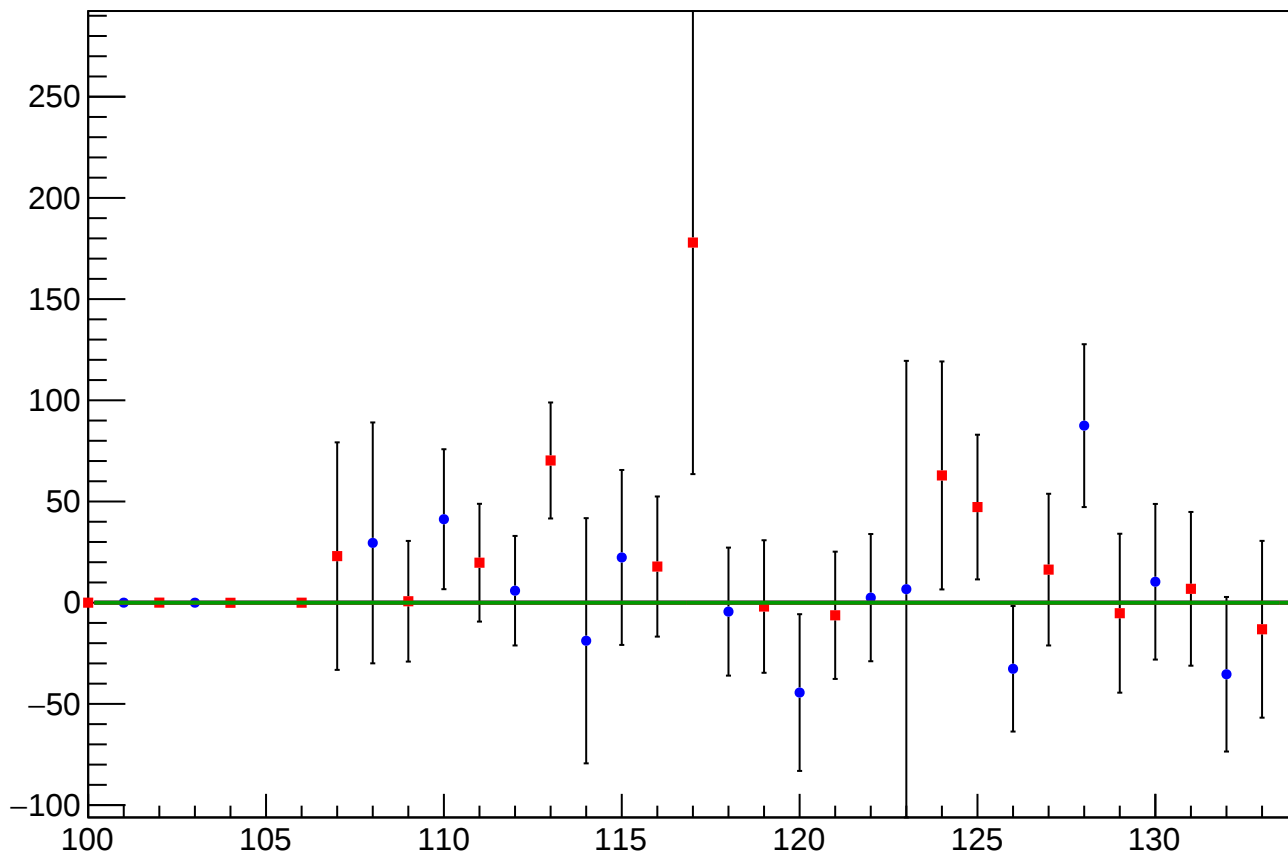
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2866.251+/-1.061 χ^2/NDF : 4422887.6/15

2560.489+/-0.677 χ^2/NDF : 9772905.1/33

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 : 10.7/15

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

Right Out: -0.003+/-0.016 χ^2/NDF : 17.5/17

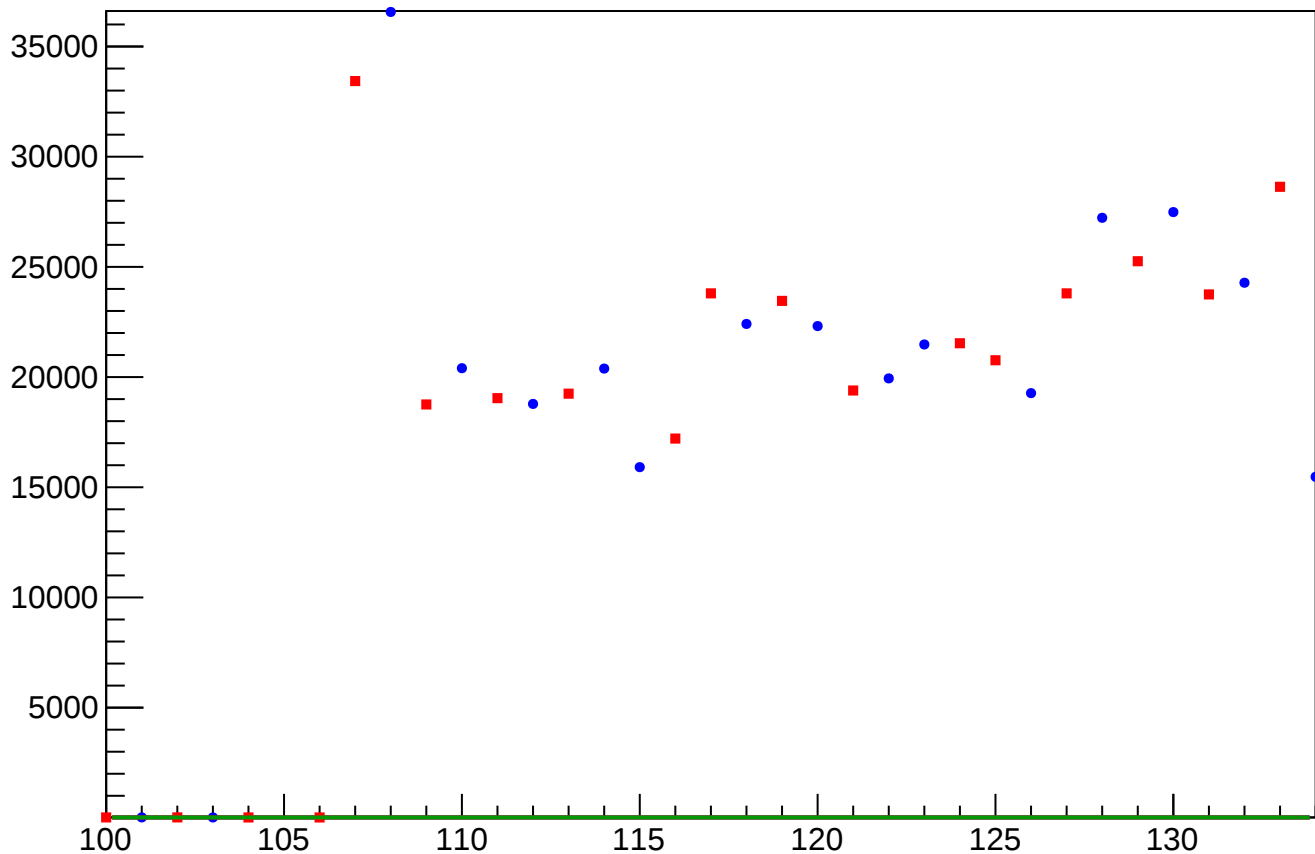
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 10.7/15

0.004+/-0.012 χ^2/NDF : 28.7/33

-0.003+/-0.016 χ^2/NDF : 17.5/17

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.623+/-0.012 χ^2/NDF : 9327057.8/15

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

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

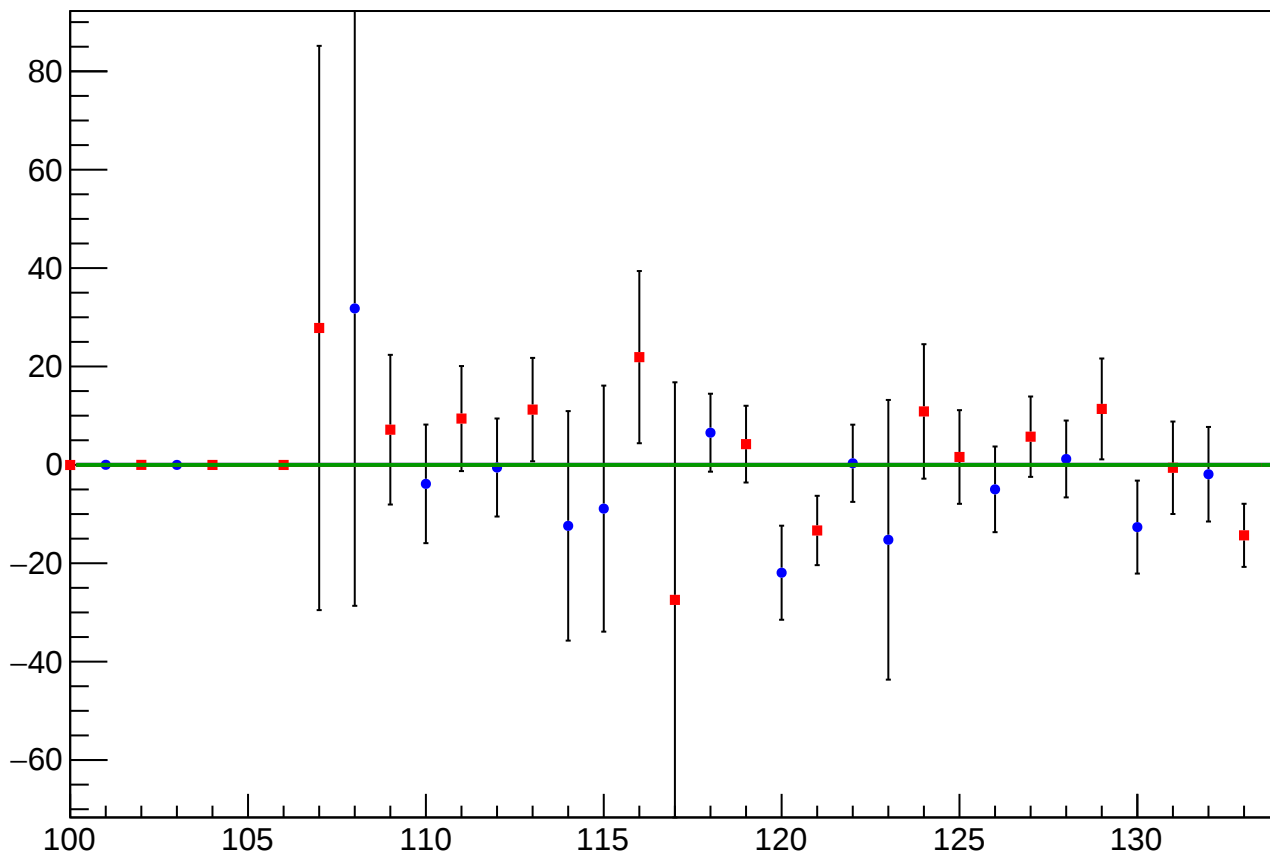
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.623+/-0.012 χ^2/NDF : 9327057.8/15

18.449+/-0.008 χ^2/NDF : 19192287.6/33

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 : 12.6/15

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

Right Out: -0.014+/-0.009 χ^2/NDF : 16.3/17

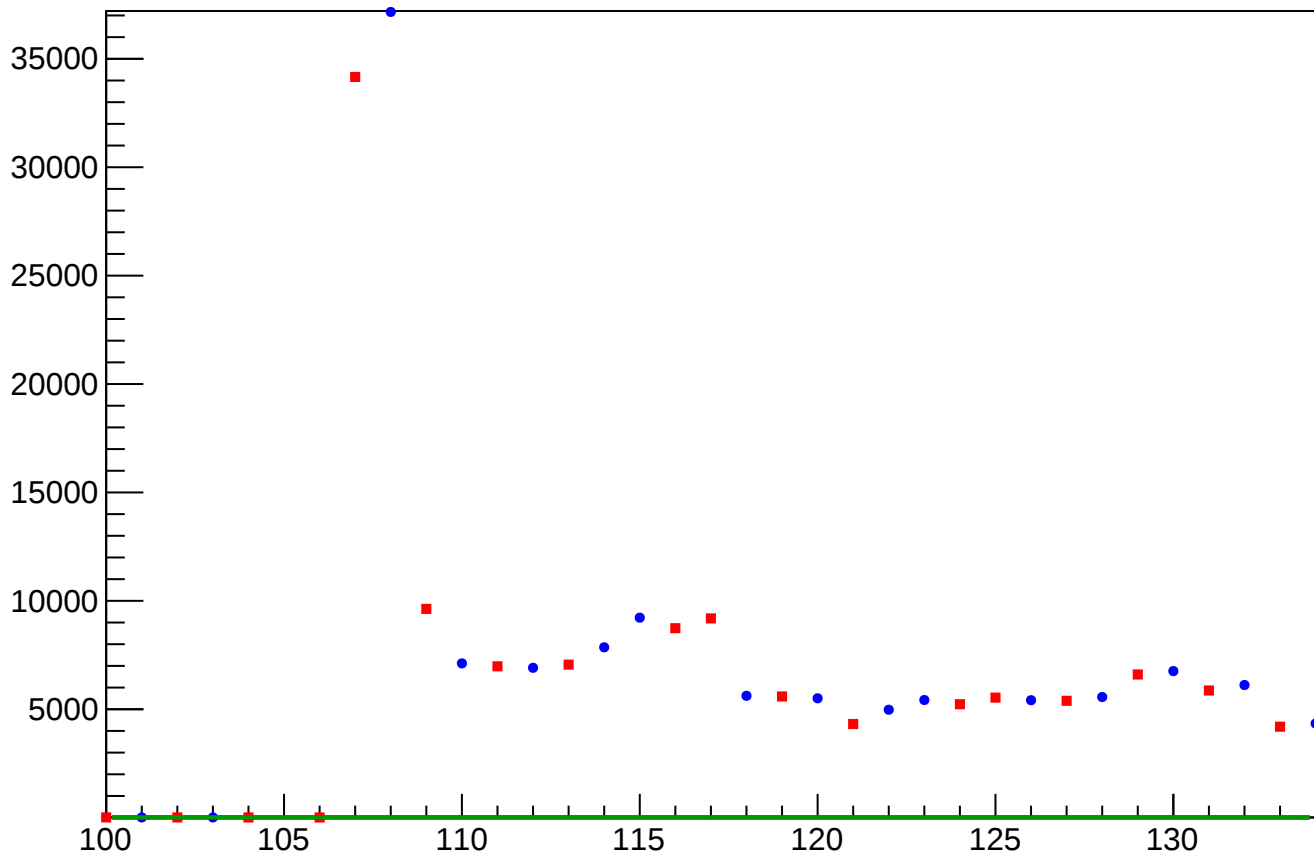
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 12.6/15

-0.007+/-0.006 χ^2/NDF : 30.2/33

-0.014+/-0.009 χ^2/NDF : 16.3/17

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.918 $\pm$ 0.007 χ^2 /NDF: 9449887.4/15

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

Right Out: 9.840 $\pm$ 0.006 χ^2 /NDF: 9918679.1/17

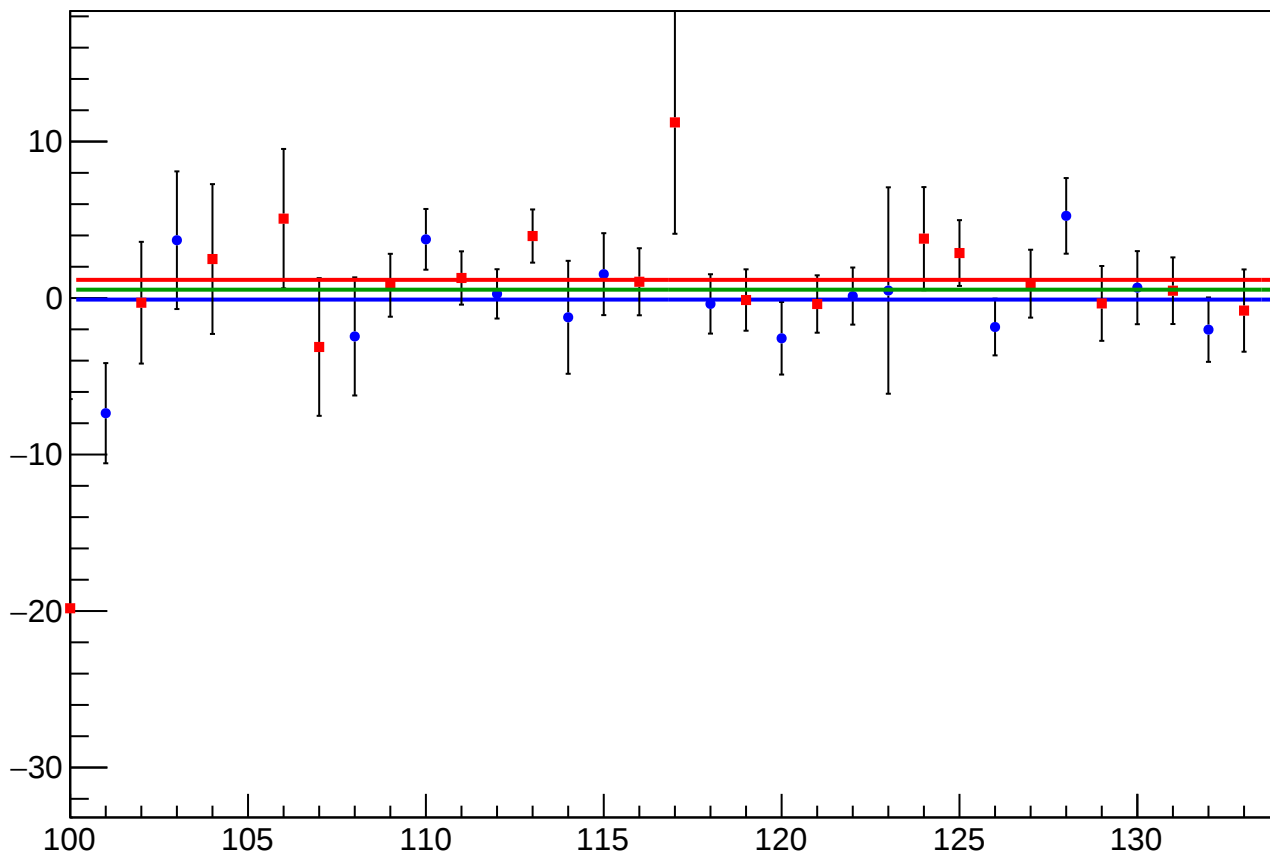
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

9.918 $\pm$ 0.007 χ^2 /NDF: 9449887.4/15

9.876 $\pm$ 0.004 χ^2 /NDF: 19368643.5/33

9.840 $\pm$ 0.006 χ^2 /NDF: 9918679.1/17

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.098 ± 0.578 χ^2/NDF : 19.1/15

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

Right Out: 1.163 ± 0.575 χ^2/NDF : 12.7/17

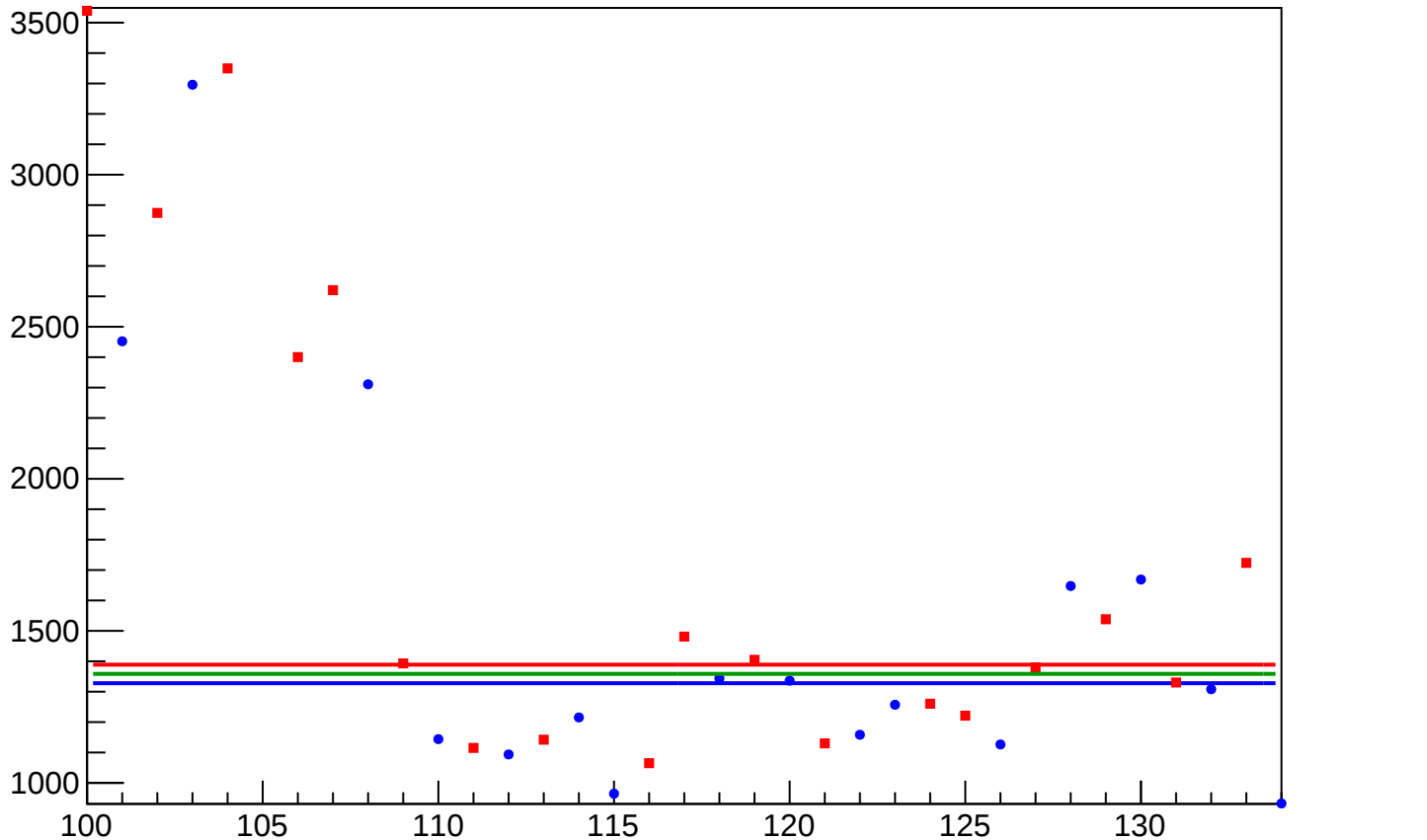
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.098 ± 0.578 χ^2/NDF : 19.1/15

0.535 ± 0.408 χ^2/NDF : 34.1/33

1.163 ± 0.575 χ^2/NDF : 12.7/17

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1327.903 $\pm$ 0.409 χ^2/NDF : 1069051.1/15

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

Right Out: 1388.873 $\pm$ 0.407 χ^2/NDF : 1176318.2/17

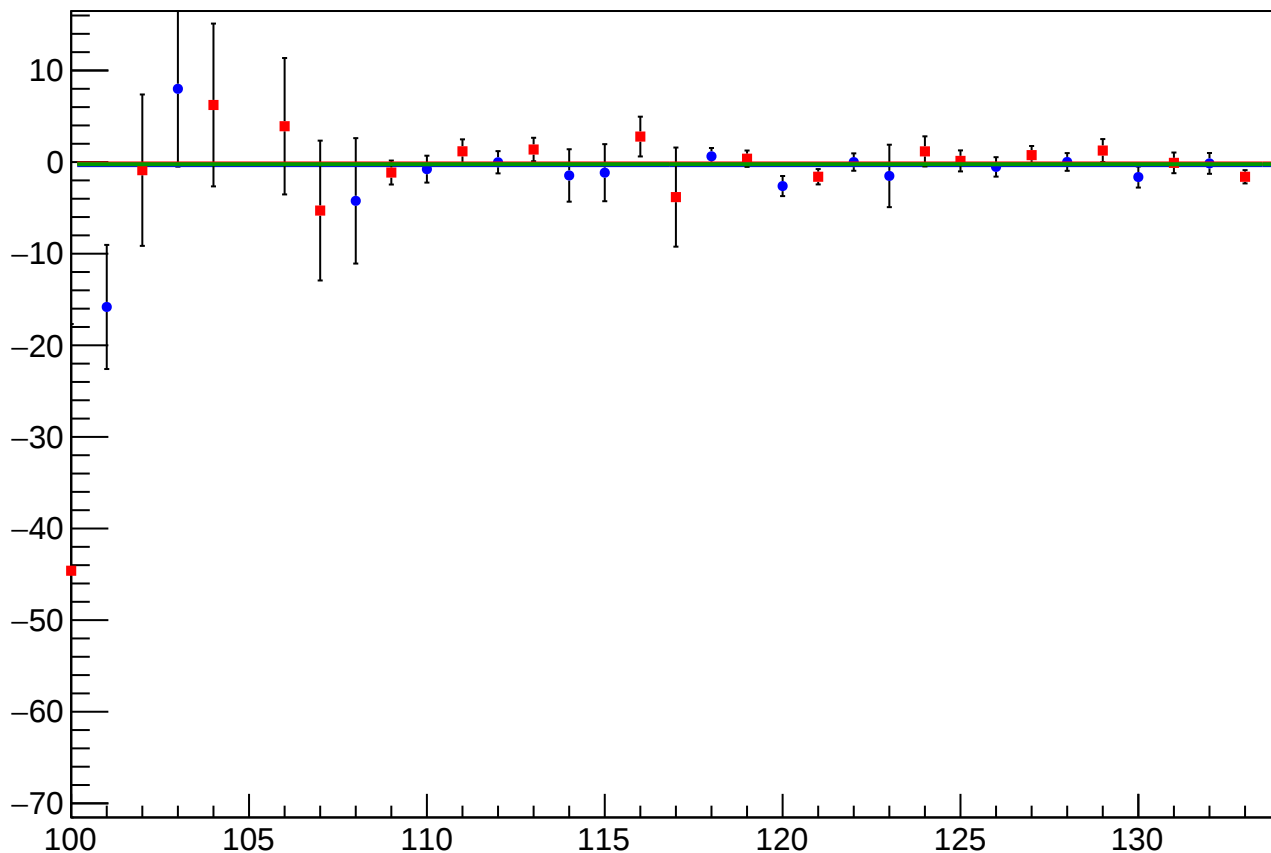
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1327.903 $\pm$ 0.409 χ^2/NDF : 1069051.1/15

1358.520 $\pm$ 0.288 χ^2/NDF : 2256555.4/33

1388.873 $\pm$ 0.407 χ^2/NDF : 1176318.2/17

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.332 ± 0.335 χ^2/NDF : 17.5/15

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

Right Out: -0.149 ± 0.313 χ^2/NDF : 19.5/17

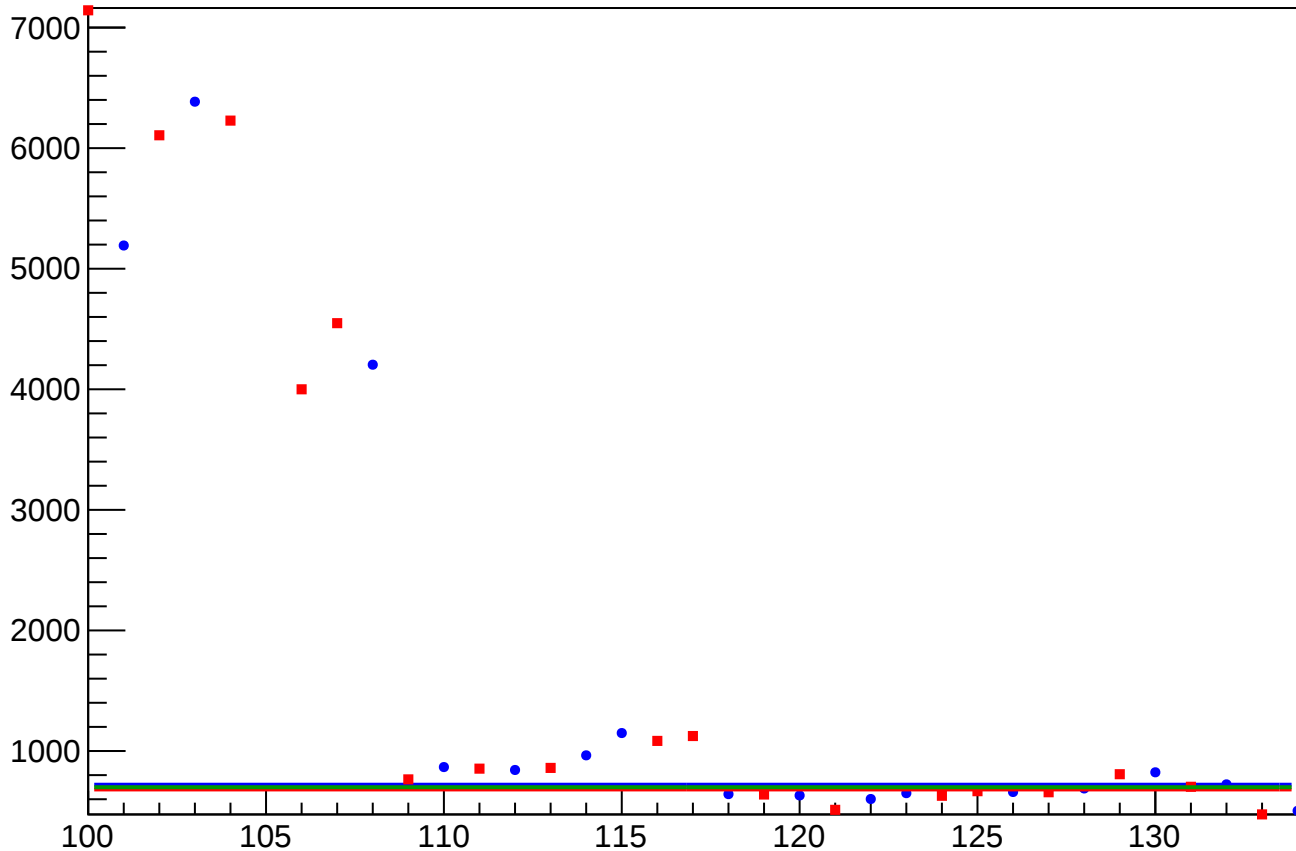
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.332 ± 0.335 χ^2/NDF : 17.5/15

-0.234 ± 0.229 χ^2/NDF : 37.2/33

-0.149 ± 0.313 χ^2/NDF : 19.5/17

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 720.277 ± 0.237 χ^2/NDF : 2526873.5/15

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

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

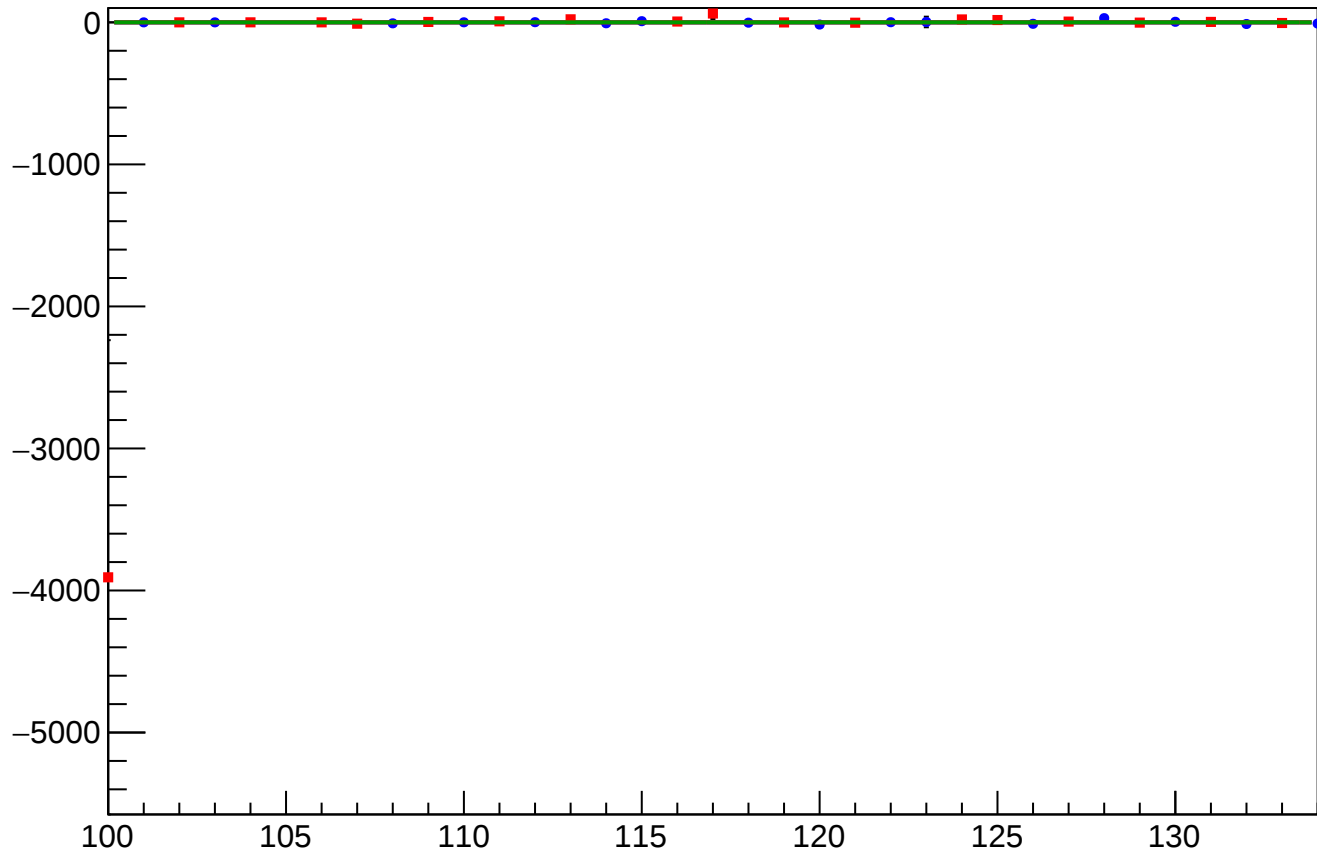
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

720.277 ± 0.237 χ^2/NDF : 2526873.5/15

699.471 ± 0.162 χ^2/NDF : 5646218.8/33

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 : 10.0/15

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

Right Out: 0.027 +/- 0.020 χ^2/NDF : 19.6/17

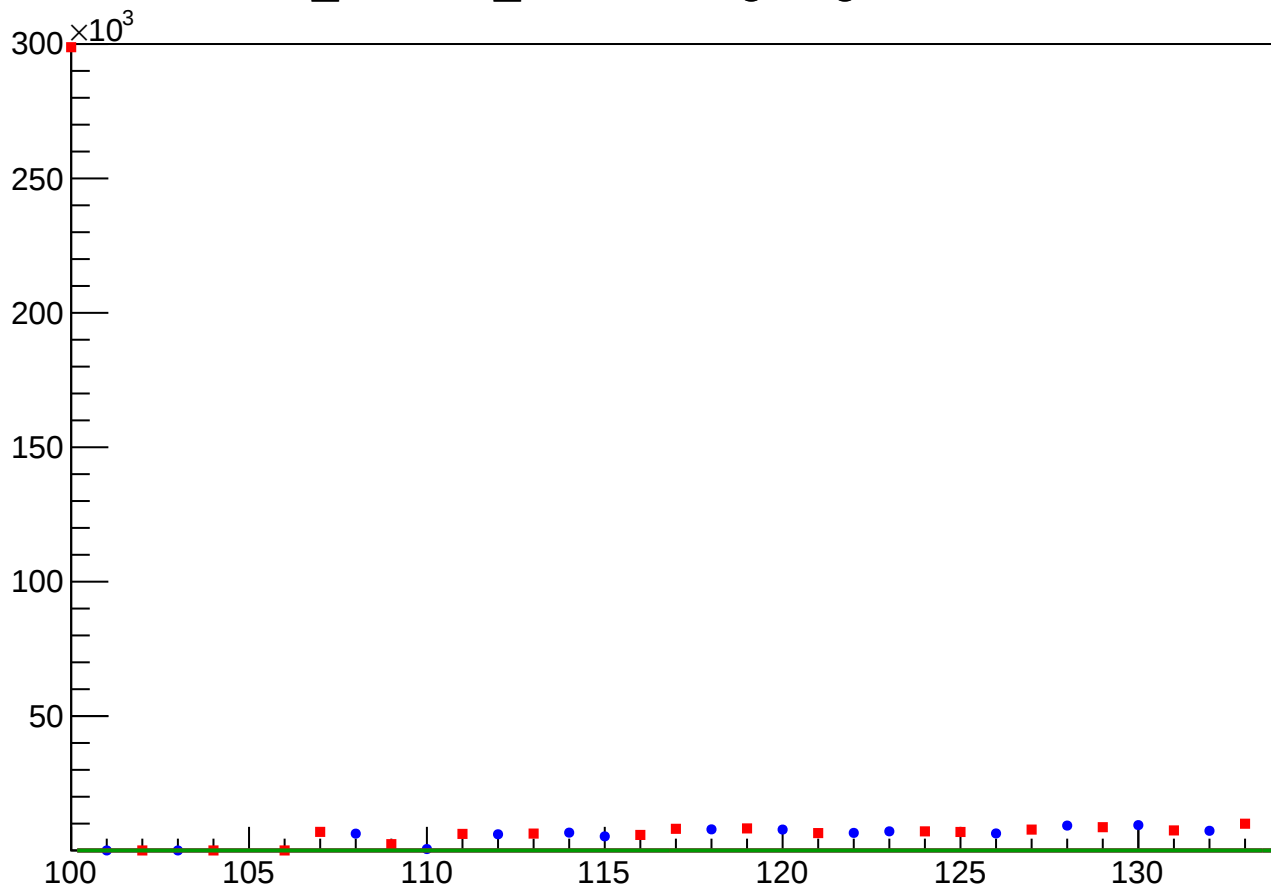
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-0.021 +/- 0.021 χ^2/NDF : 10.0/15

0.004 +/- 0.014 χ^2/NDF : 32.4/33

0.027 +/- 0.020 χ^2/NDF : 19.6/17

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.264 $\pm$ 0.015 χ^2 /NDF: 8851421.8/15

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

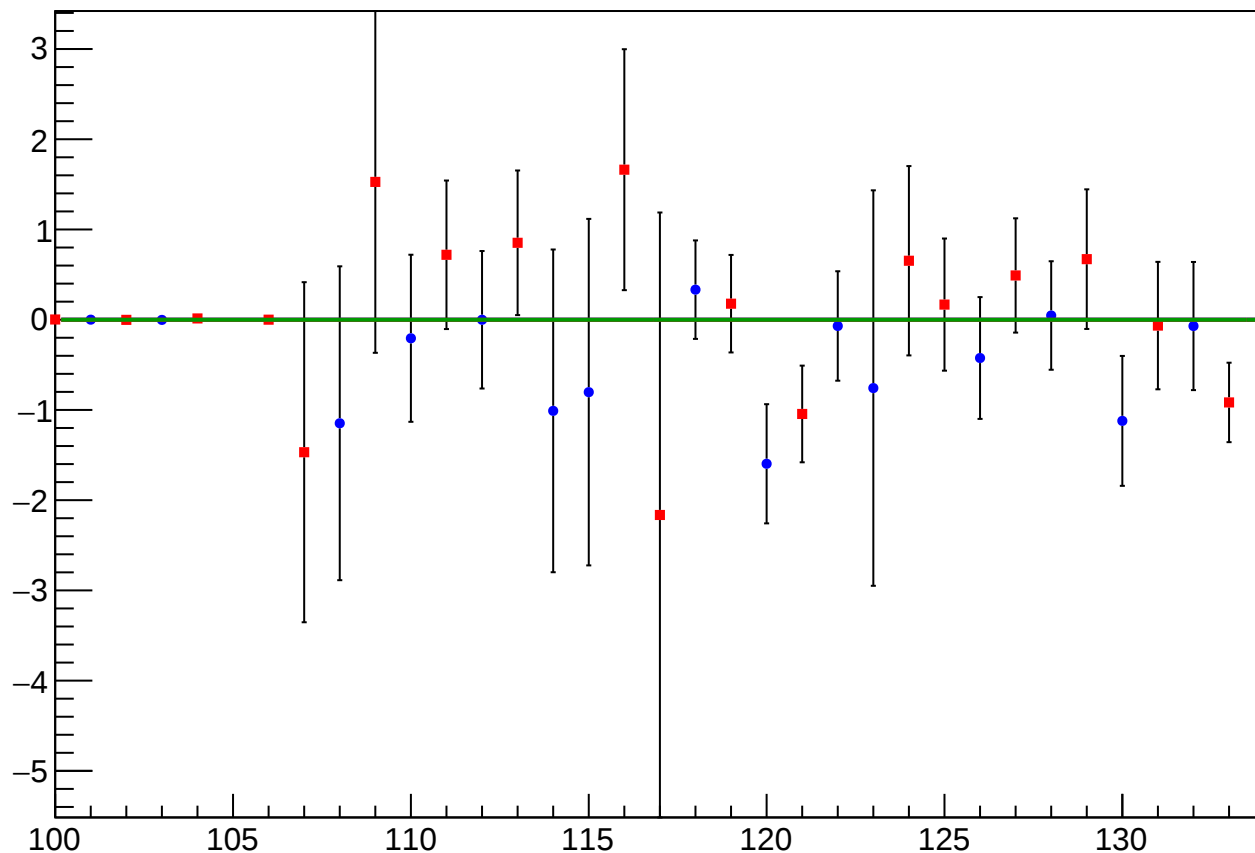
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.264 $\pm$ 0.015 χ^2 /NDF: 8851421.8/15

17.239 $\pm$ 0.010 χ^2 /NDF: 18432067.4/33

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: 12.8/15

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 16.1/17

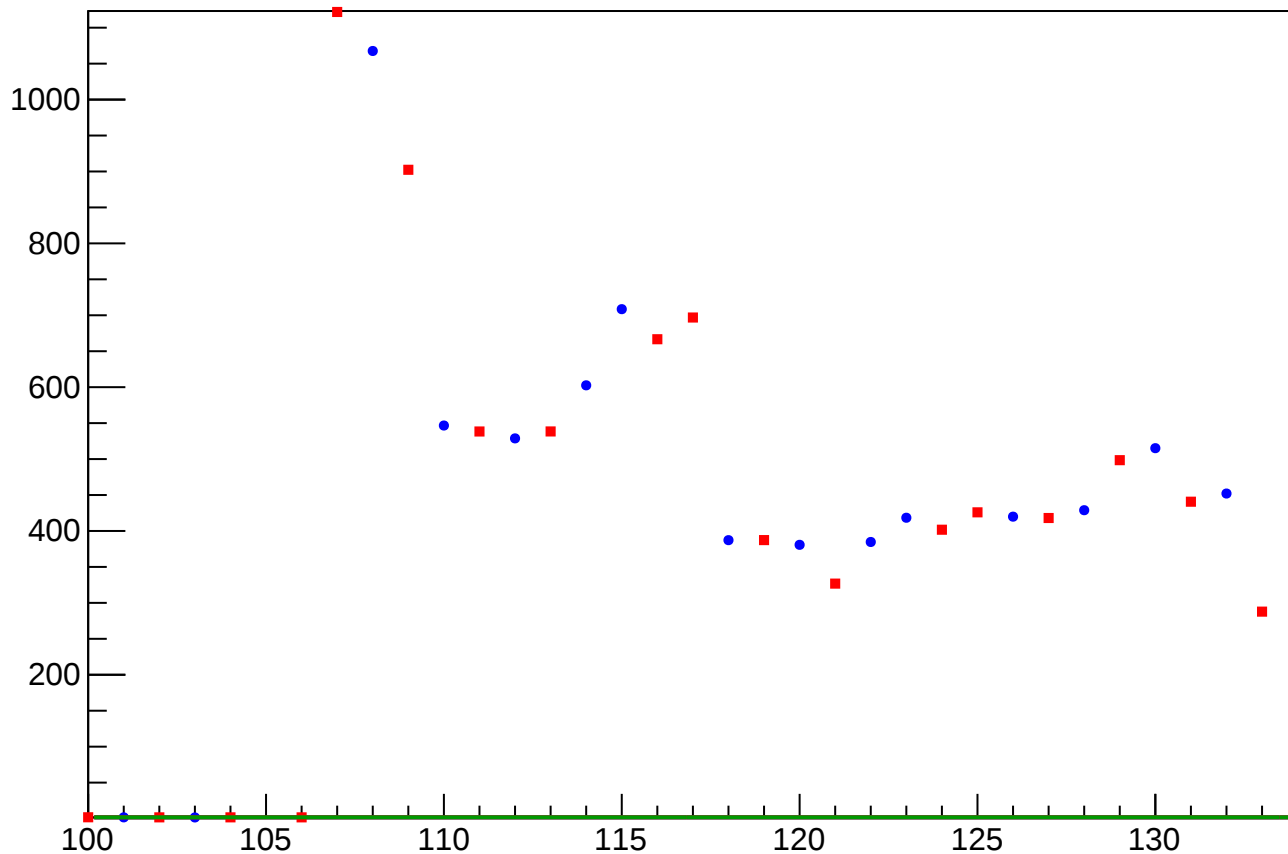
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 12.8/15

-0.000 $\pm$ 0.001 χ^2 /NDF: 29.1/33

-0.001 $\pm$ 0.002 χ^2 /NDF: 16.1/17

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.686+/-0.001 χ^2/NDF : 9402040.5/15

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

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

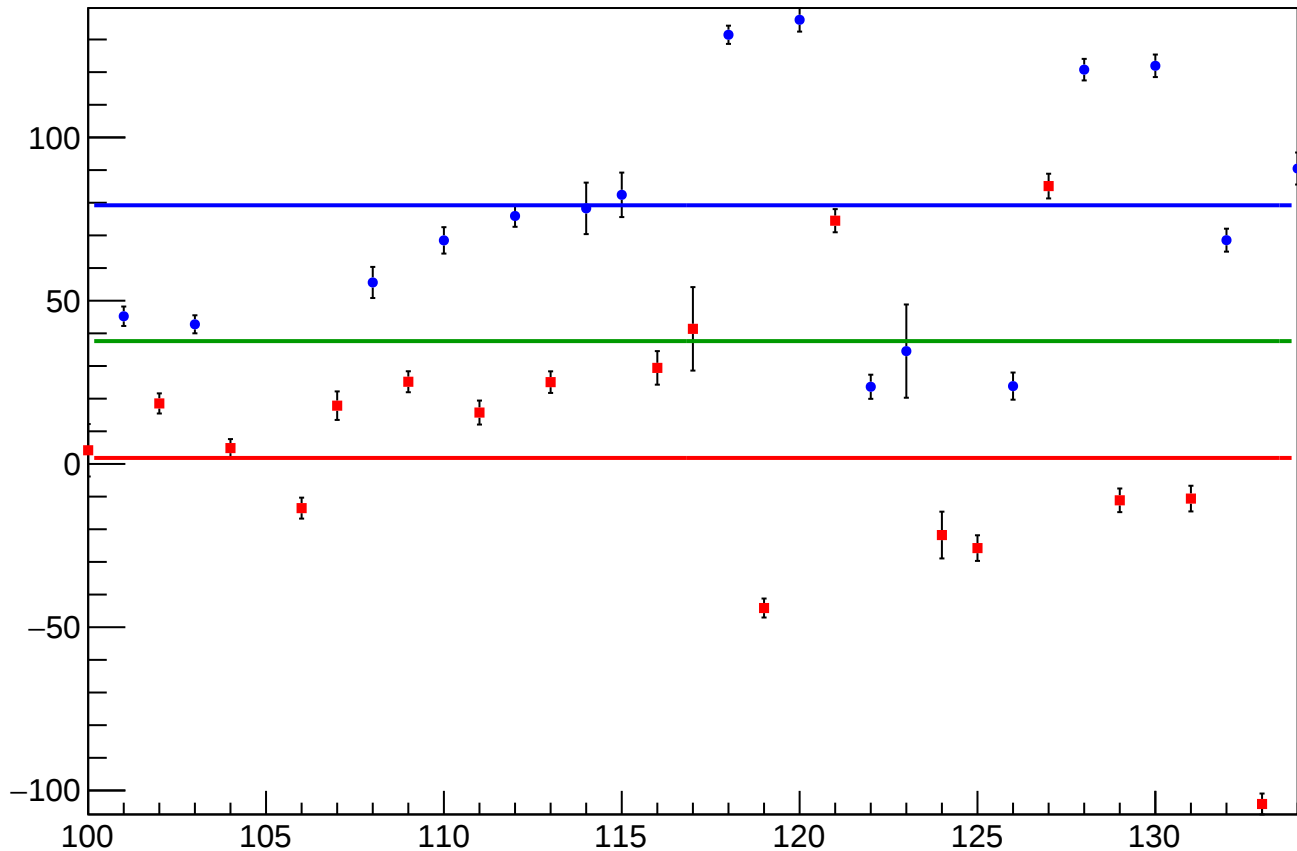
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.686+/-0.001 χ^2/NDF : 9402040.5/15

1.703+/-0.001 χ^2/NDF : 18913885.2/33

1.719+/-0.001 χ^2/NDF : 9511574.2/17

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 79.222 $\pm$ 0.946 χ^2 /NDF: 1674.4/15

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

Right Out: 1.844 $\pm$ 0.877 χ^2 /NDF: 2554.4/17

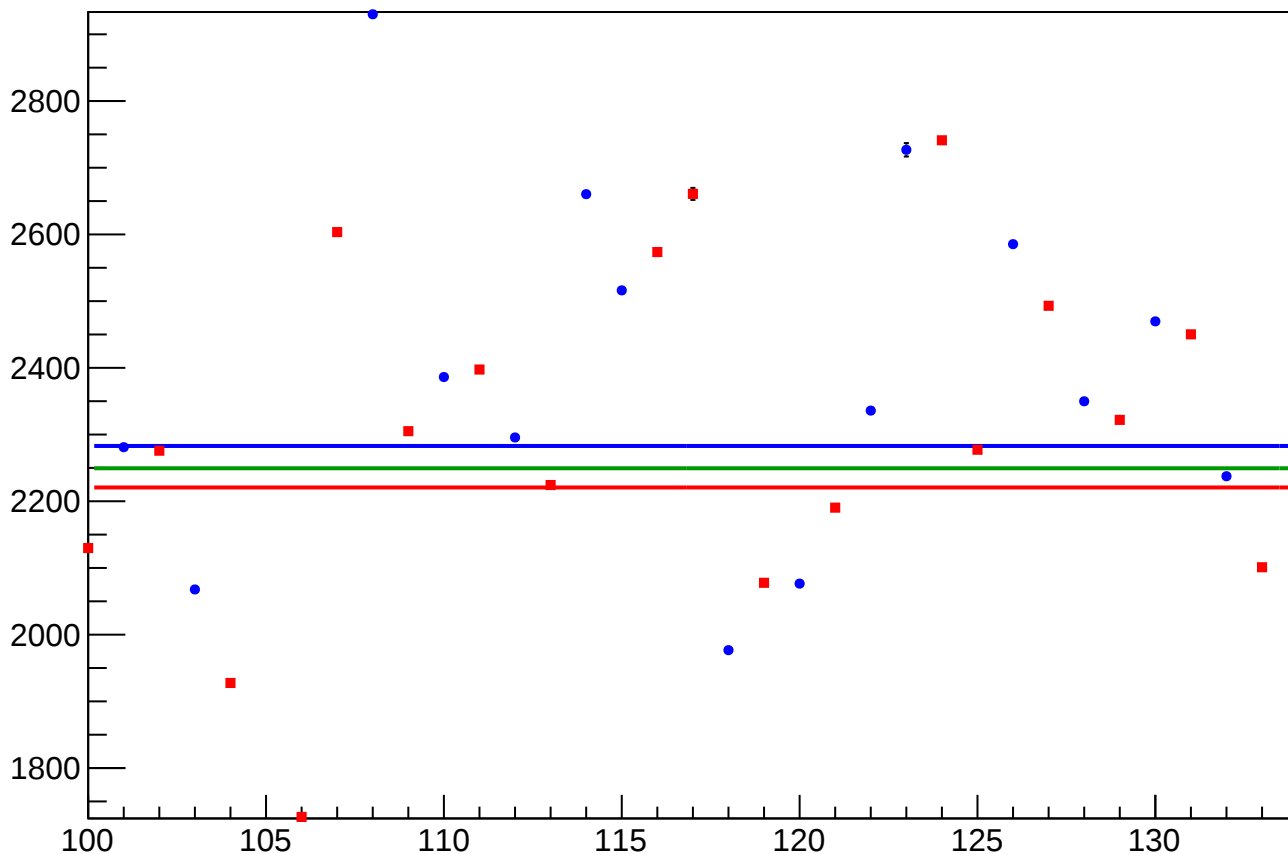
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

79.222 $\pm$ 0.946 χ^2 /NDF: 1674.4/15

37.624 $\pm$ 0.643 χ^2 /NDF: 7824.7/33

1.844 $\pm$ 0.877 χ^2 /NDF: 2554.4/17

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2282.884+/-0.669 χ^2/NDF : 109177.0/15

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

Right Out: 2220.668+/-0.620 χ^2/NDF : 141569.4/17

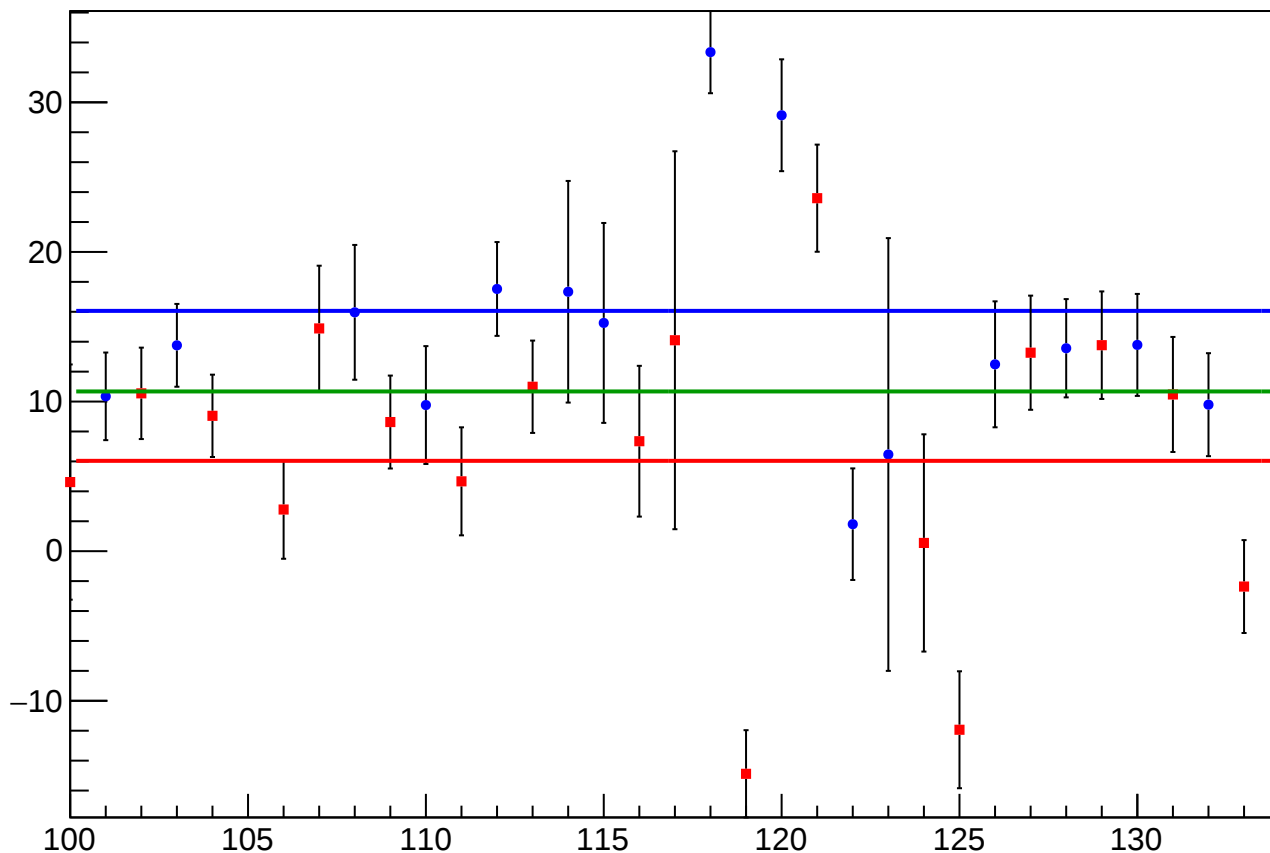
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2282.884+/-0.669 χ^2/NDF : 109177.0/15

2249.438+/-0.455 χ^2/NDF : 255396.0/33

2220.668+/-0.620 χ^2/NDF : 141569.4/17

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.061±/0.933 χ^2/NDF : 80.4/15

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

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

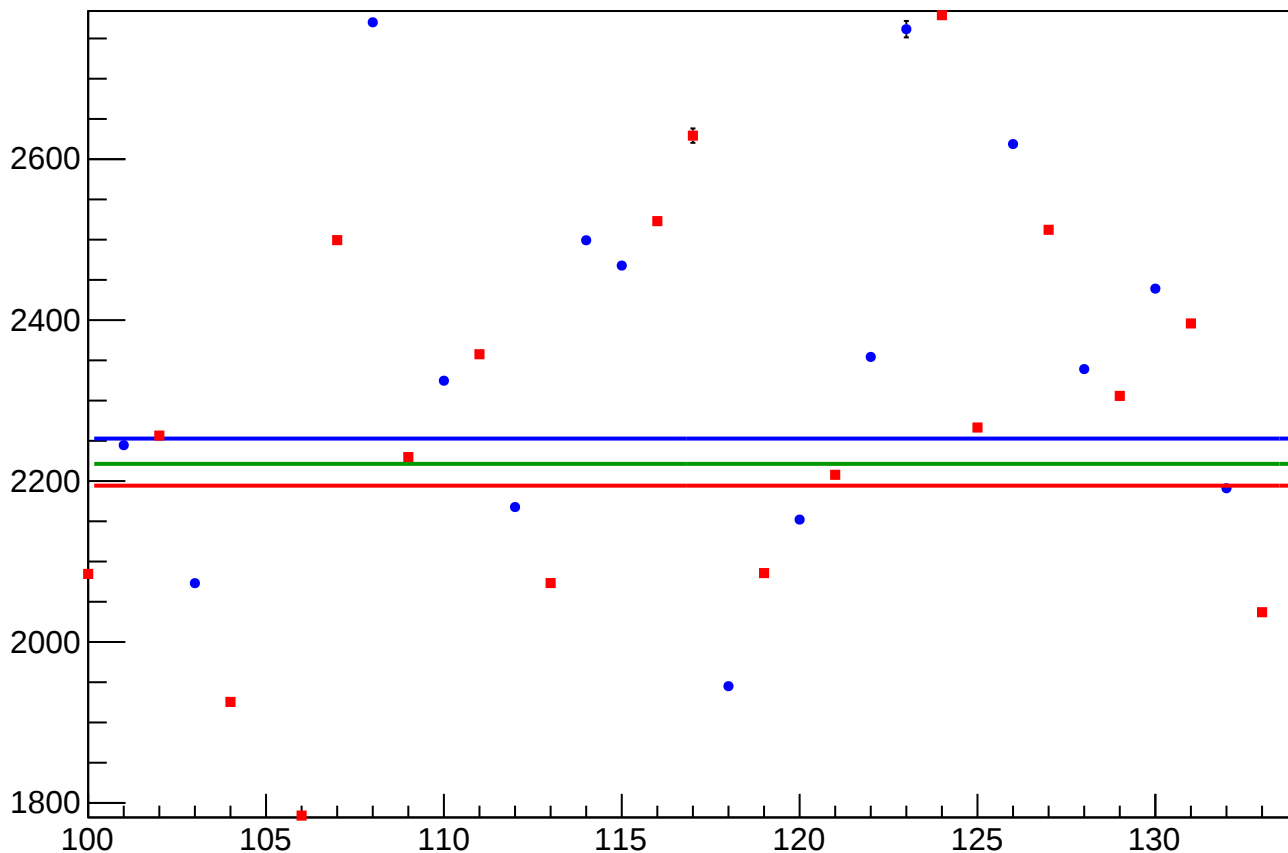
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

16.061±/0.933 χ^2/NDF : 80.4/15

10.676±/0.635 χ^2/NDF : 269.2/33

6.038±/0.866 χ^2/NDF : 126.8/17

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2252.805 $\pm$ 0.660 χ^2 /NDF: 97453.8/15

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

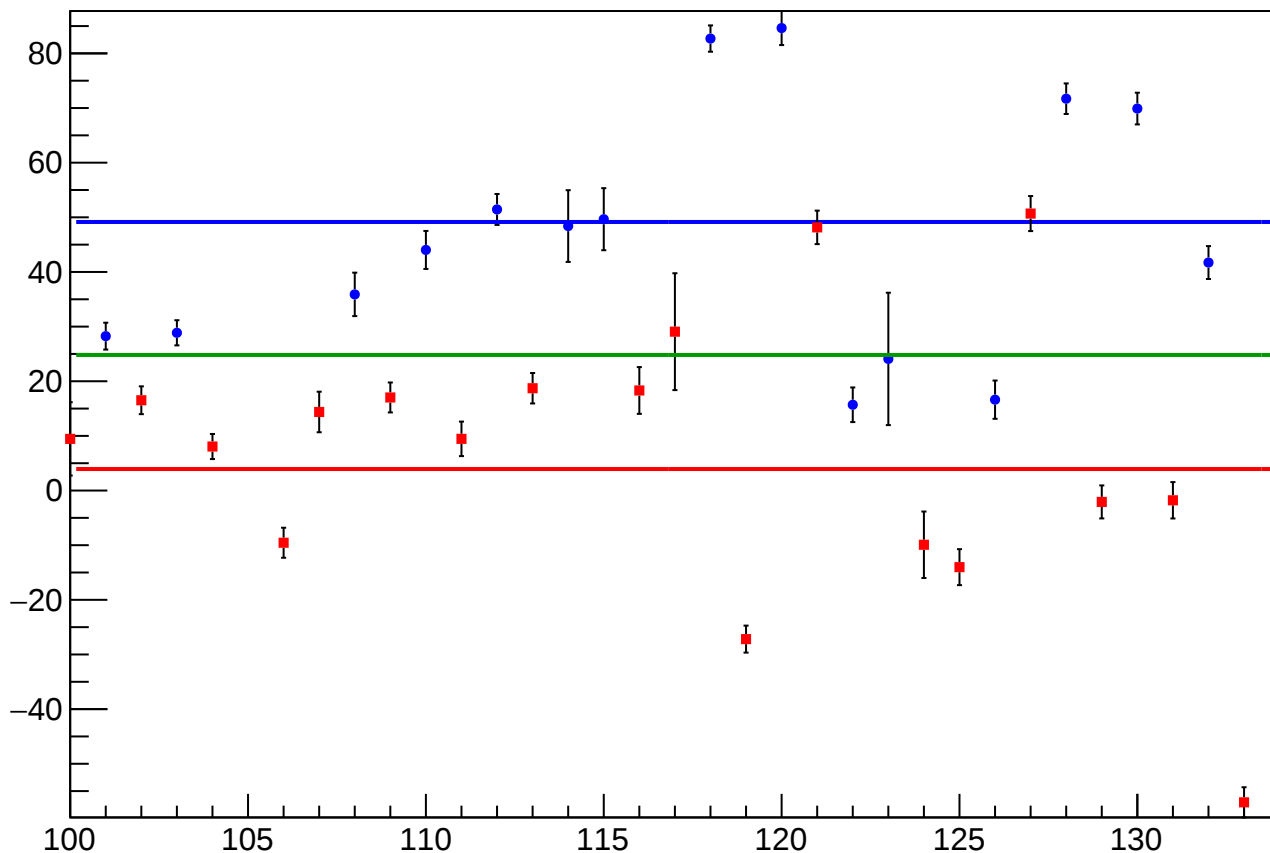
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2252.805 $\pm$ 0.660 χ^2 /NDF: 97453.8/15

2221.364 $\pm$ 0.449 χ^2 /NDF: 224830.0/33

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

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 49.150+/-0.802 χ^2 /NDF: 815.9/15

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

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

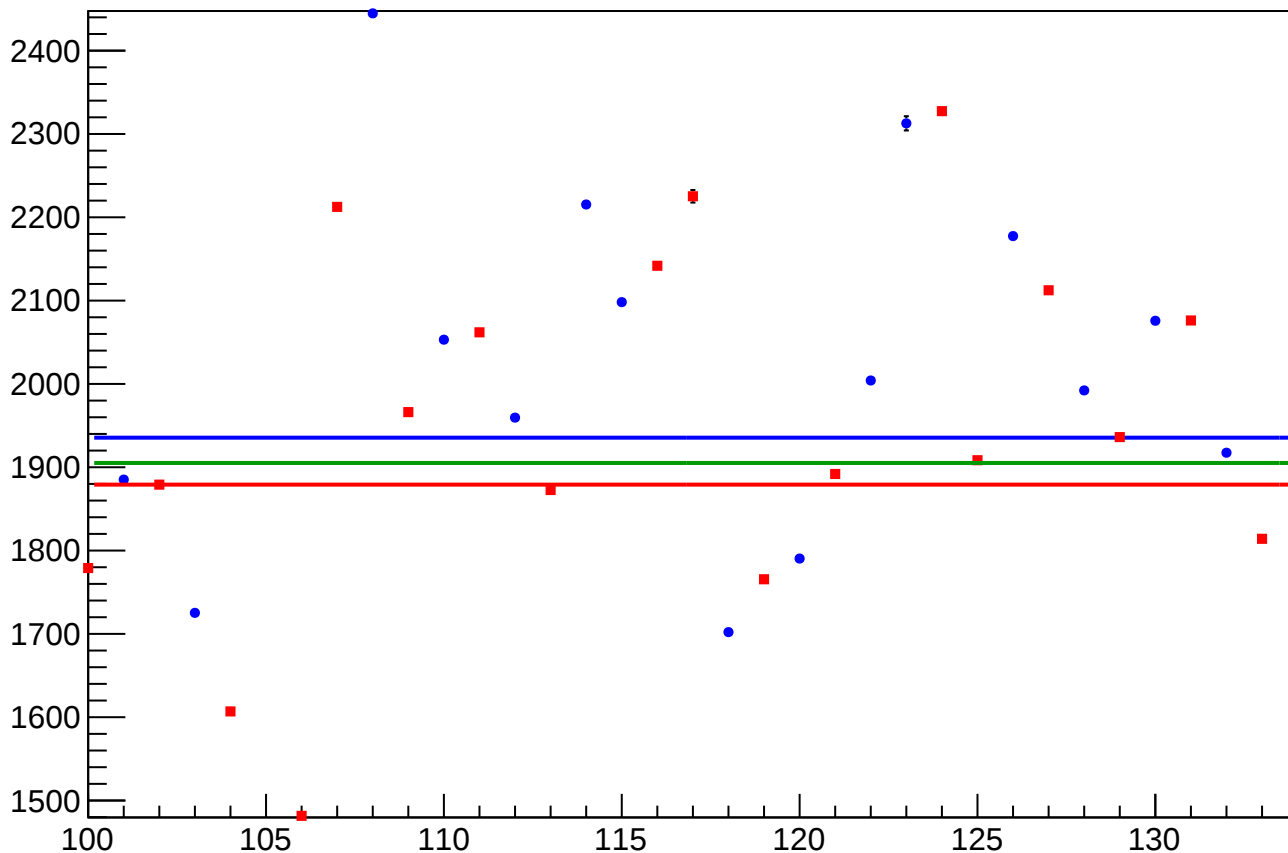
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

49.150+/-0.802 χ^2 /NDF: 815.9/15

24.811+/-0.545 χ^2 /NDF: 3767.3/33

3.939+/-0.742 χ^2 /NDF: 1239.1/17

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1935.499 $\pm$ 0.567 χ^2 /NDF: 99885.6/15

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

Right Out: 1879.135 $\pm$ 0.525 χ^2 /NDF: 139612.0/17

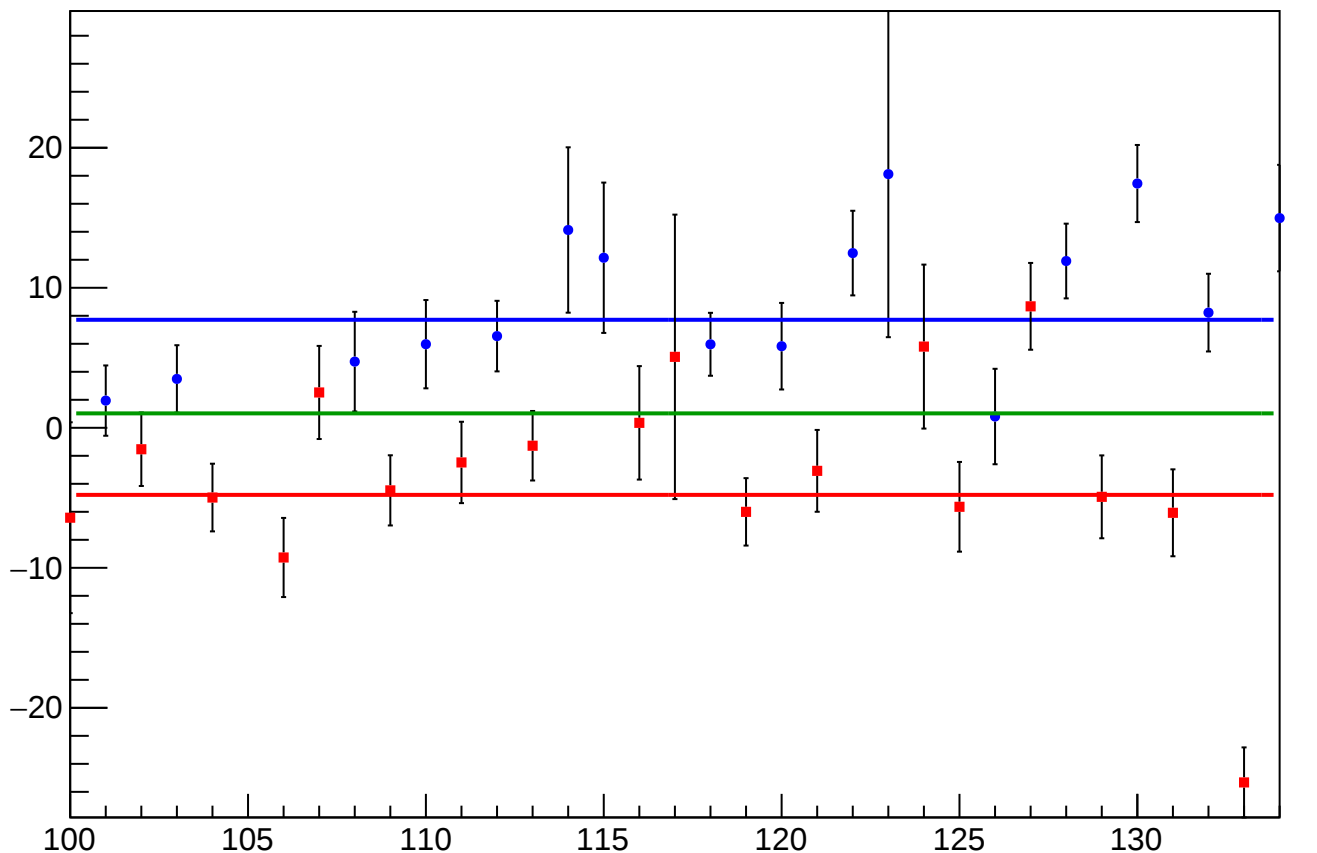
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1935.499 $\pm$ 0.567 χ^2 /NDF: 99885.6/15

1905.156 $\pm$ 0.385 χ^2 /NDF: 244820.2/33

1879.135 $\pm$ 0.525 χ^2 /NDF: 139612.0/17

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.714 $\pm$ 0.765 χ^2 /NDF: 38.5/15

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

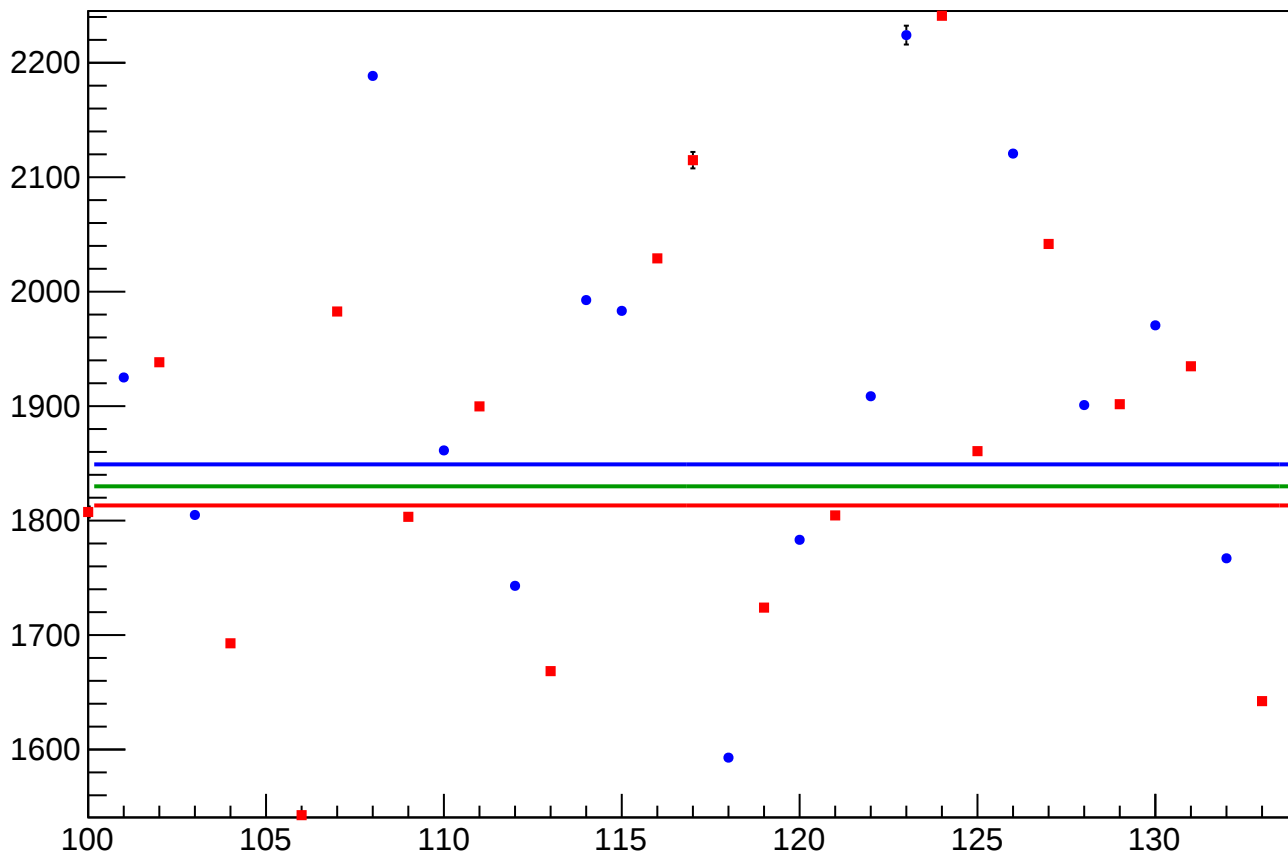
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.714 $\pm$ 0.765 χ^2 /NDF: 38.5/15

1.030 $\pm$ 0.522 χ^2 /NDF: 285.8/33

-4.790 $\pm$ 0.714 χ^2 /NDF: 104.5/17

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1849.124+/-0.541 χ^2/NDF : 79842.0/15

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

Right Out: 1813.235+/-0.505 χ^2/NDF : 88035.0/17

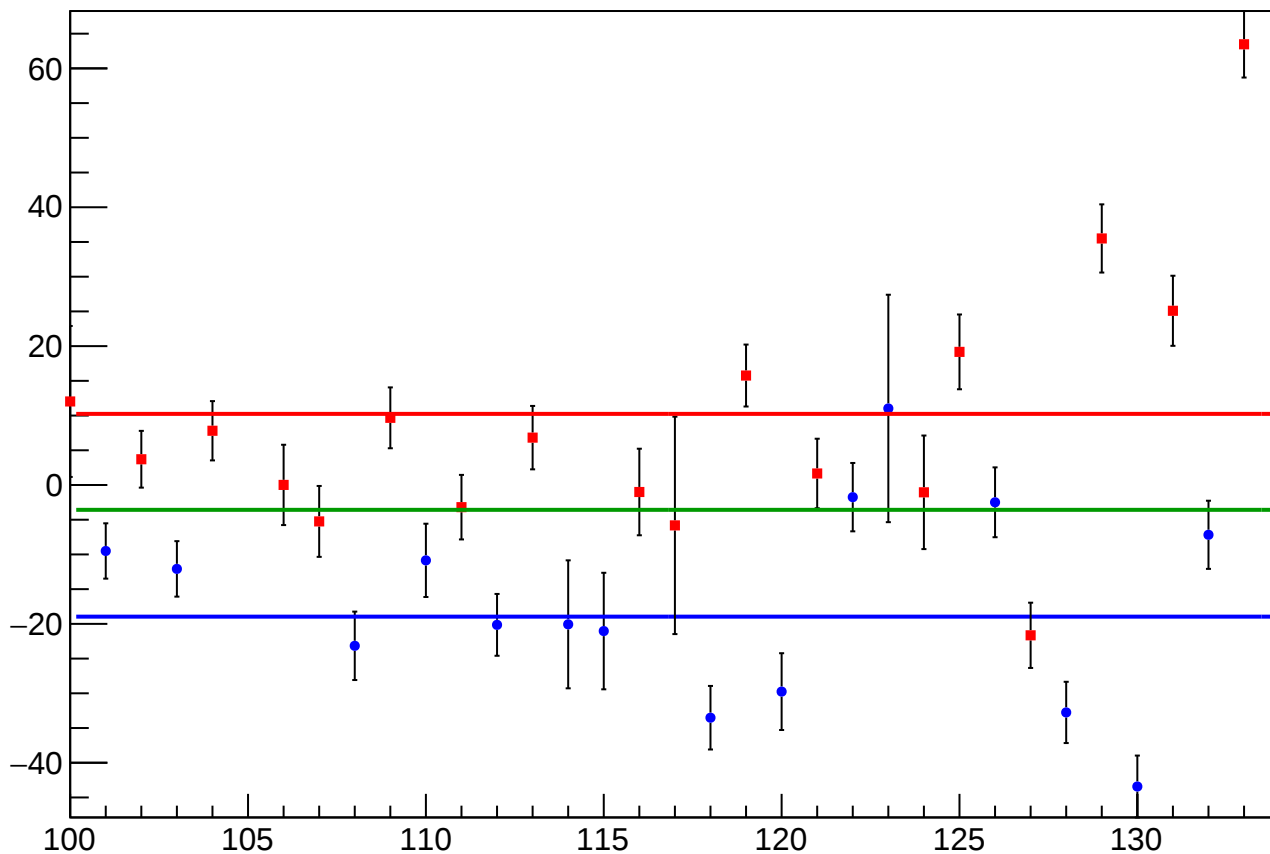
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1849.124+/-0.541 χ^2/NDF : 79842.0/15

1829.940+/-0.369 χ^2/NDF : 170229.7/33

1813.235+/-0.505 χ^2/NDF : 88035.0/17

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -18.959 $\pm$ 1.282 χ^2 /NDF: 97.7/15

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

Right Out: 10.242 $\pm$ 1.216 χ^2 /NDF: 242.2/17

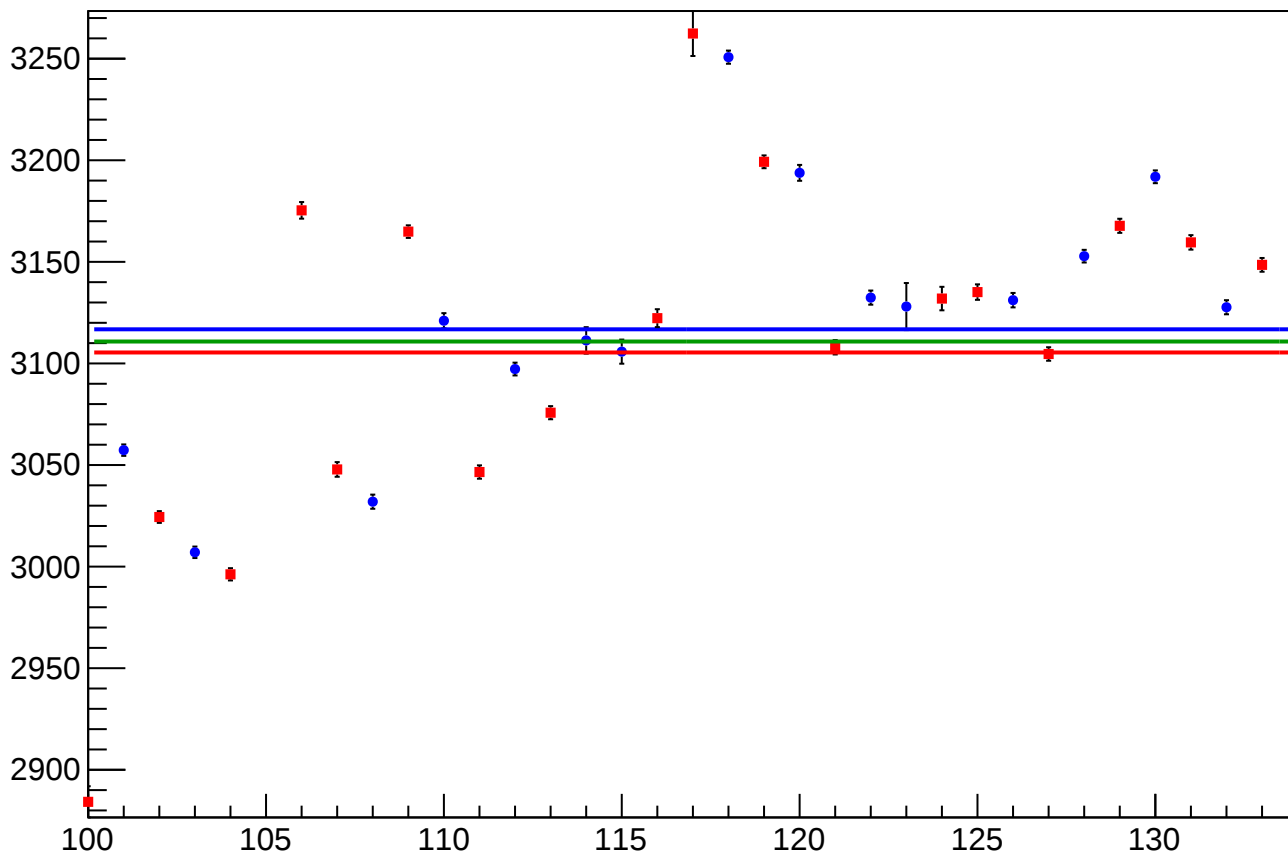
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-18.959 $\pm$ 1.282 χ^2 /NDF: 97.7/15

-3.577 $\pm$ 0.882 χ^2 /NDF: 613.1/33

10.242 $\pm$ 1.216 χ^2 /NDF: 242.2/17

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3116.799+/-0.907 χ^2/NDF : 5552.9/15

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

Right Out: 3105.396+/-0.860 χ^2/NDF : 6139.7/17

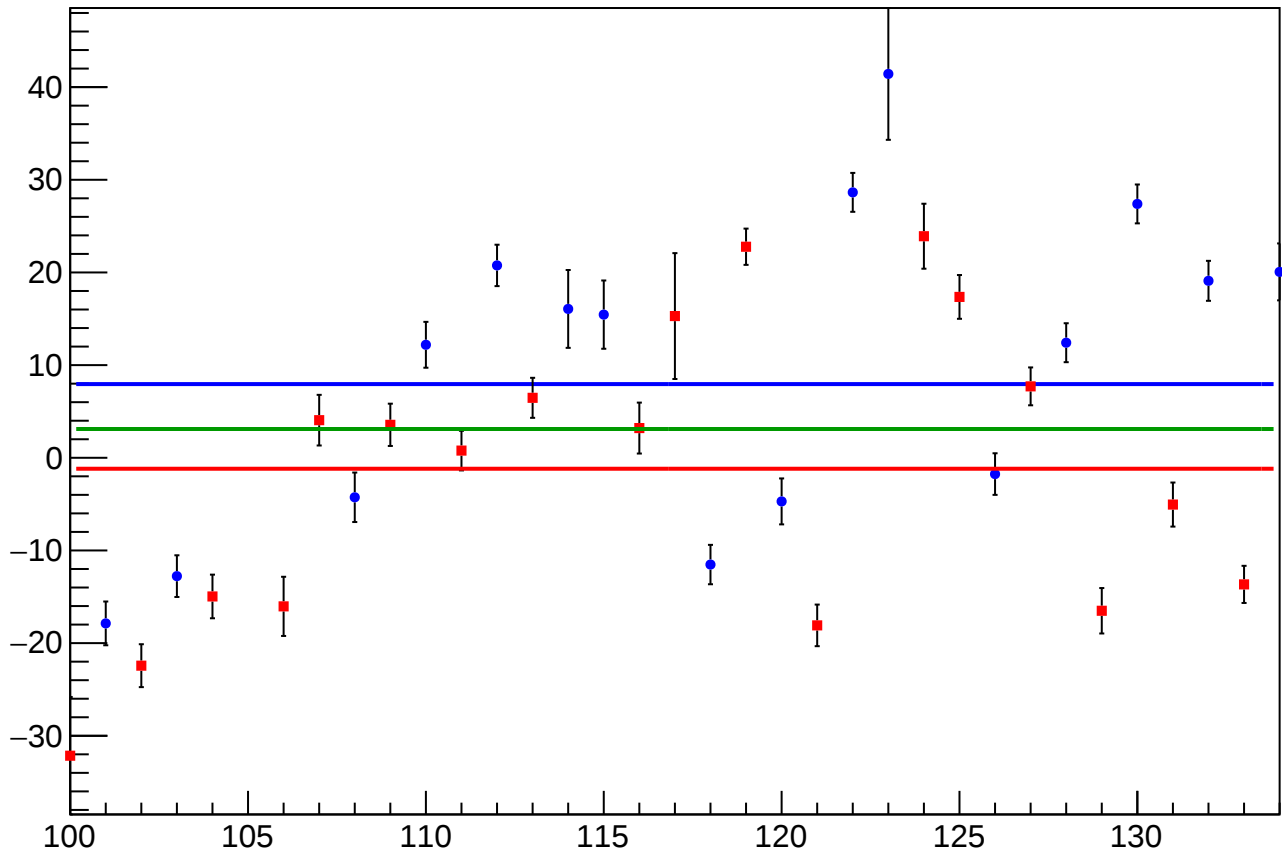
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3116.799+/-0.907 χ^2/NDF : 5552.9/15

3110.793+/-0.624 χ^2/NDF : 11775.9/33

3105.396+/-0.860 χ^2/NDF : 6139.7/17

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 7.952+/-0.618 χ^2/NDF : 649.7/15

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

Right Out: -1.182+/-0.582 χ^2/NDF : 612.8/17

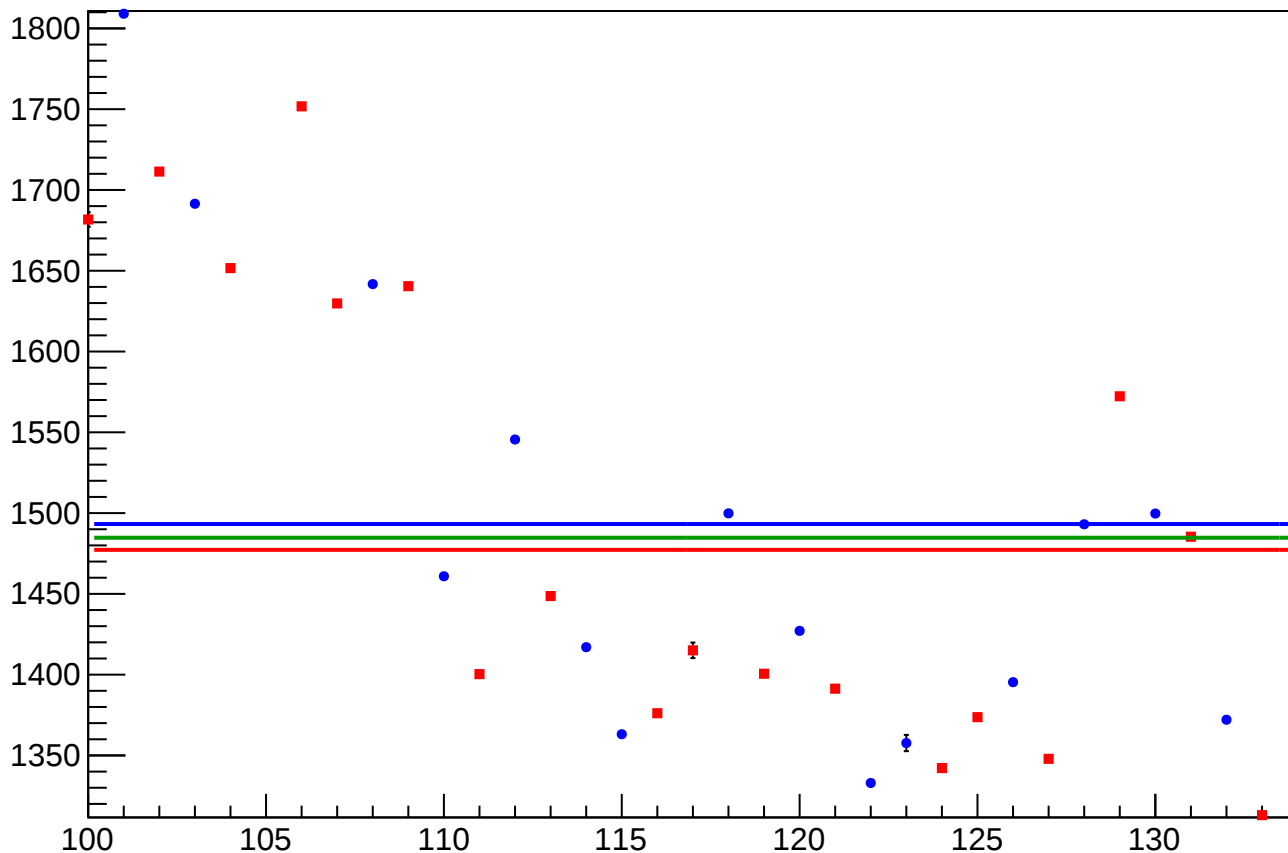
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.952+/-0.618 χ^2/NDF : 649.7/15

3.107+/-0.424 χ^2/NDF : 1378.3/33

-1.182+/-0.582 χ^2/NDF : 612.8/17

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1493.222+/-0.437 χ^2/NDF : 90617.4/15

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

Right Out: 1477.248+/-0.411 χ^2/NDF : 107855.2/17

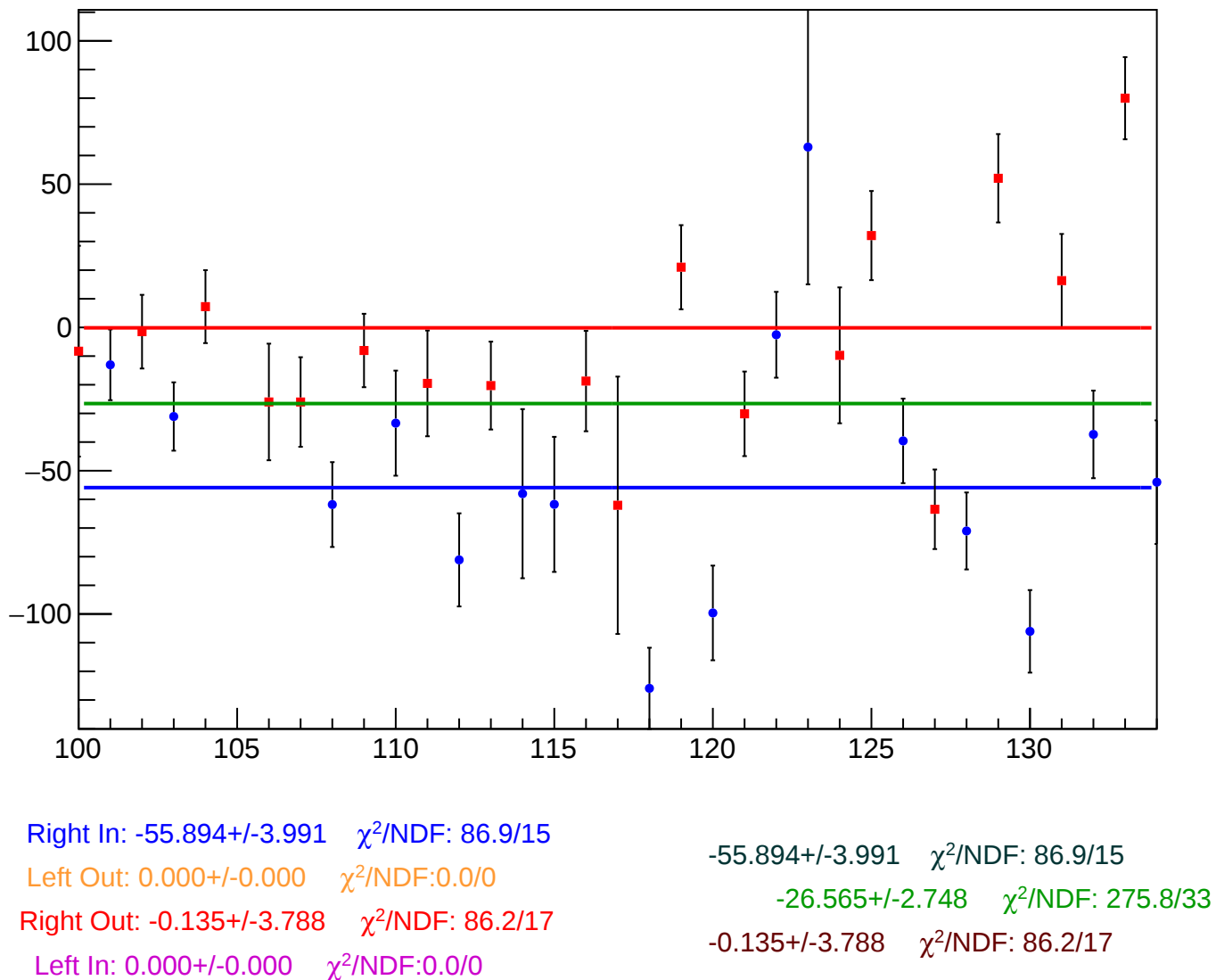
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1493.222+/-0.437 χ^2/NDF : 90617.4/15

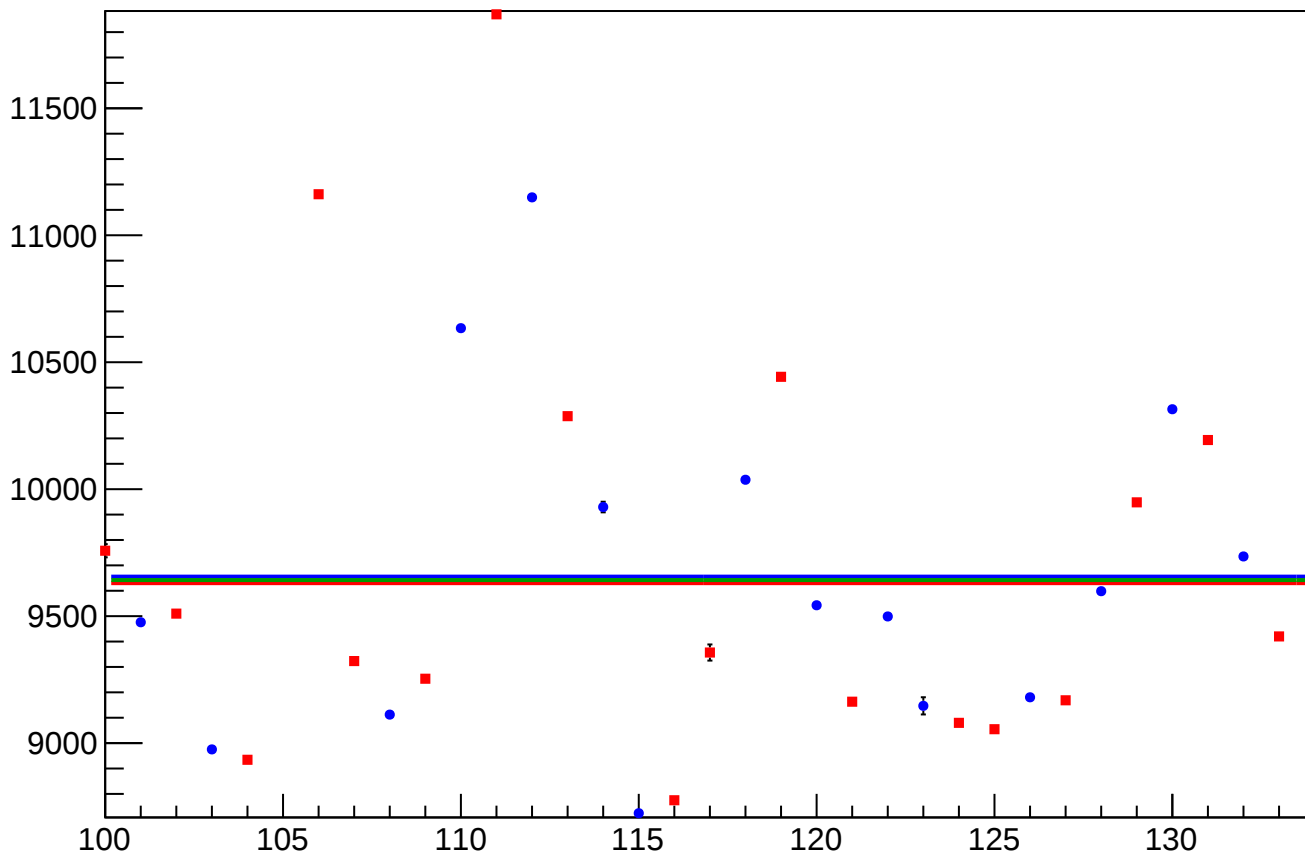
1484.747+/-0.300 χ^2/NDF : 199180.5/33

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: 9655.690+/-2.822 χ^2/NDF : 43976.4/15

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

Right Out: 9629.952+/-2.679 χ^2/NDF : 75809.6/17

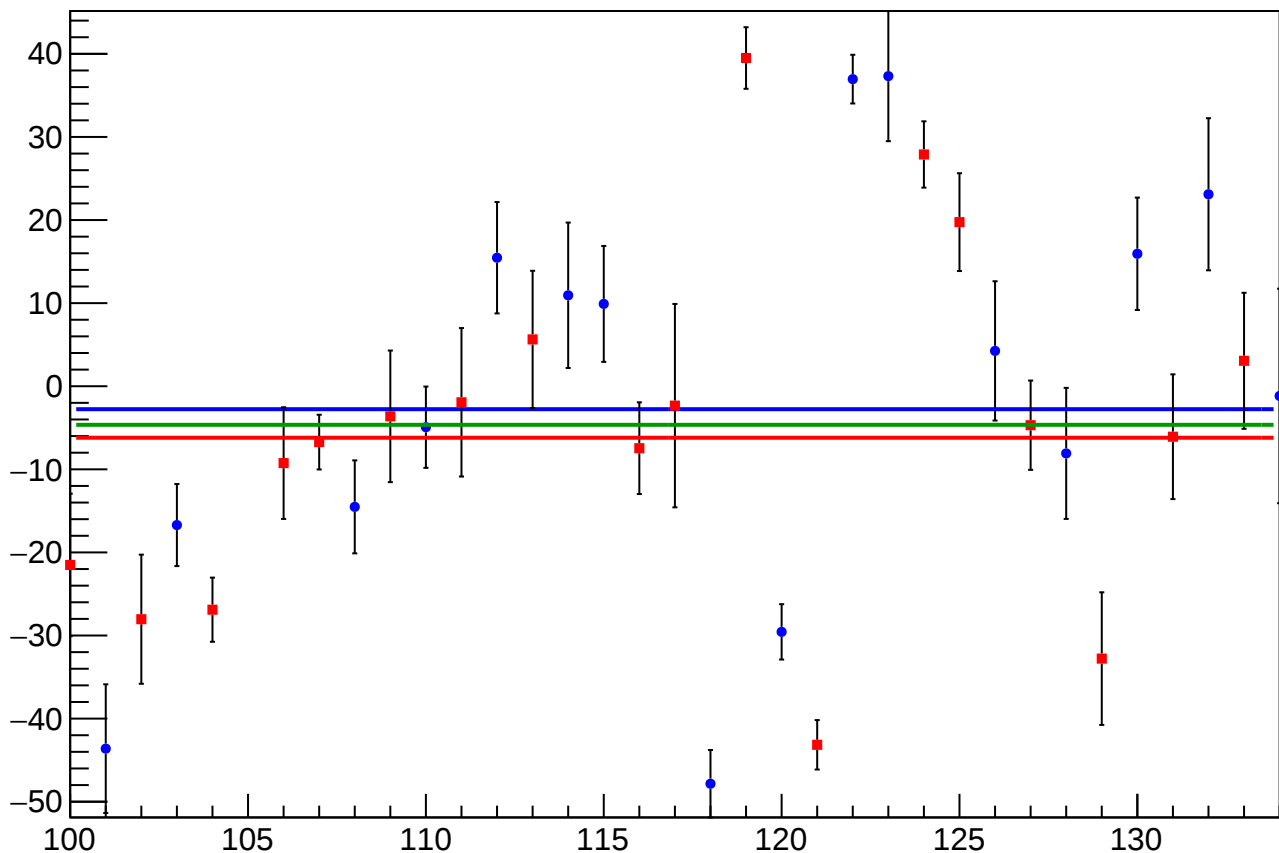
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9655.690+/-2.822 χ^2/NDF : 43976.4/15

9642.152+/-1.943 χ^2/NDF : 119829.7/33

9629.952+/-2.679 χ^2/NDF : 75809.6/17

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -2.763 ± 1.359 $\chi^2/\text{NDF}: 468.6/15$

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

Right Out: -6.199 ± 1.236 $\chi^2/\text{NDF}: 453.8/17$

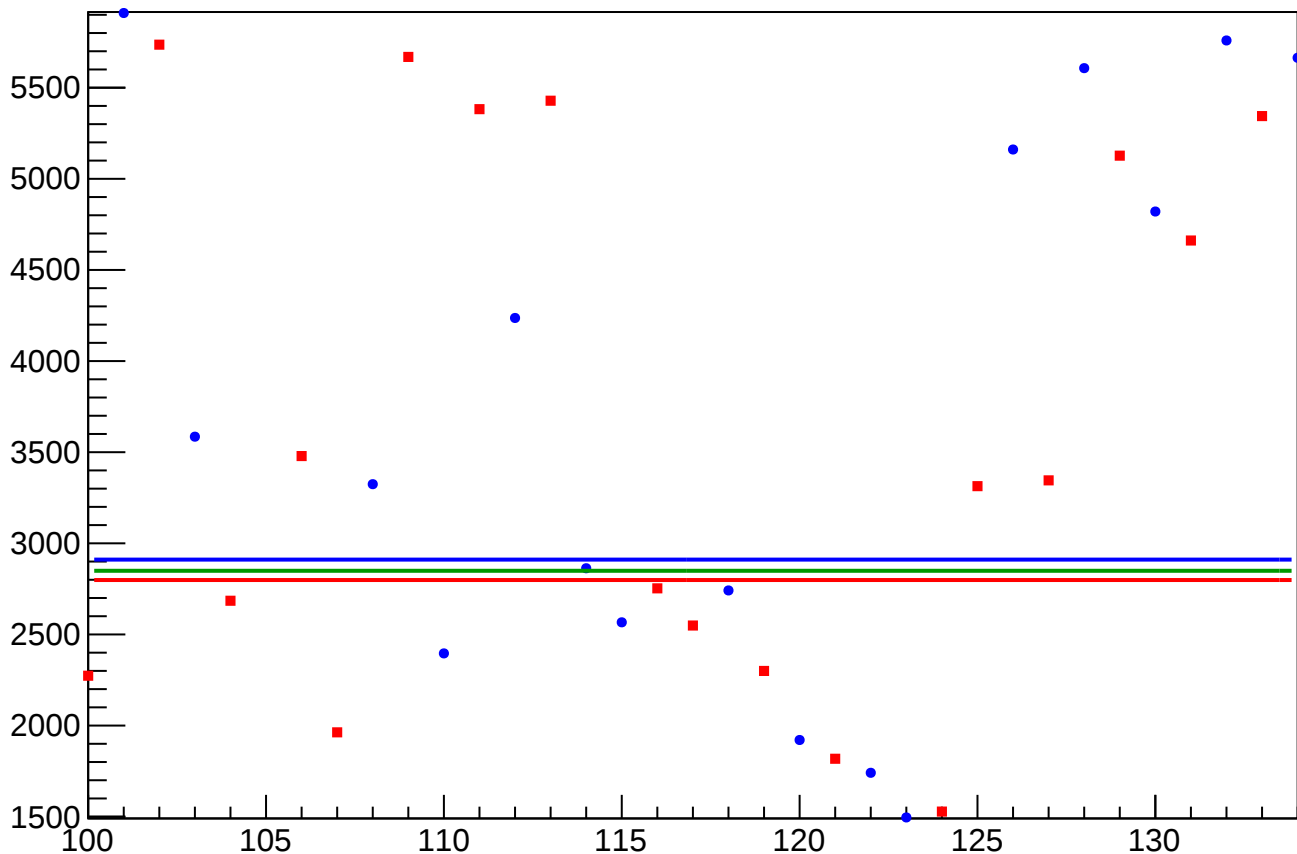
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.763 ± 1.359 $\chi^2/\text{NDF}: 468.6/15$

-4.644 ± 0.914 $\chi^2/\text{NDF}: 925.8/33$

-6.199 ± 1.236 $\chi^2/\text{NDF}: 453.8/17$

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2910.678+/-0.961 χ^2 /NDF: 1840652.6/15

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

Right Out: 2798.598+/-0.874 χ^2 /NDF: 2057420.0/17

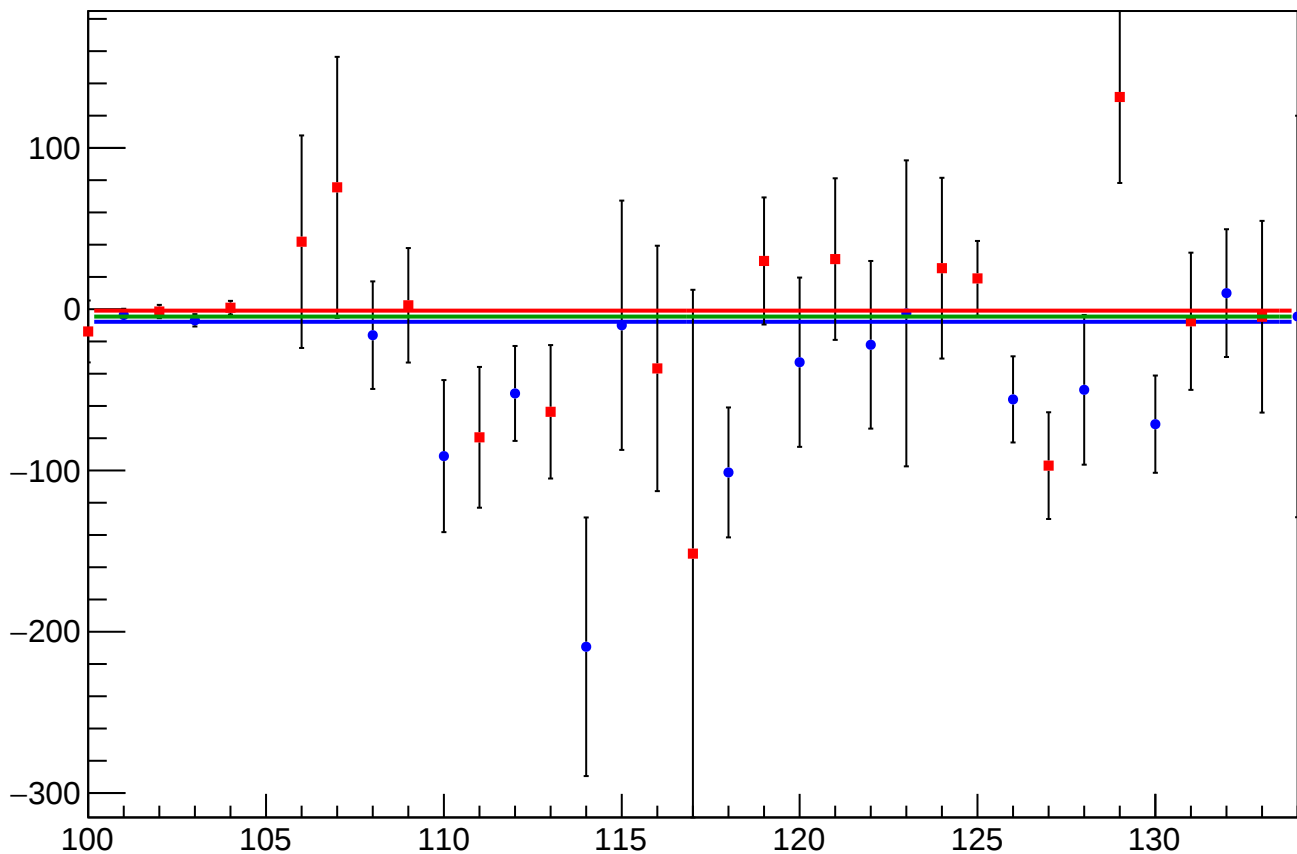
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2910.678+/-0.961 χ^2 /NDF: 1840652.6/15

2849.319+/-0.647 χ^2 /NDF: 3905516.7/33

2798.598+/-0.874 χ^2 /NDF: 2057420.0/17

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.801 ± 2.639 χ^2/NDF : 27.4/15

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

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

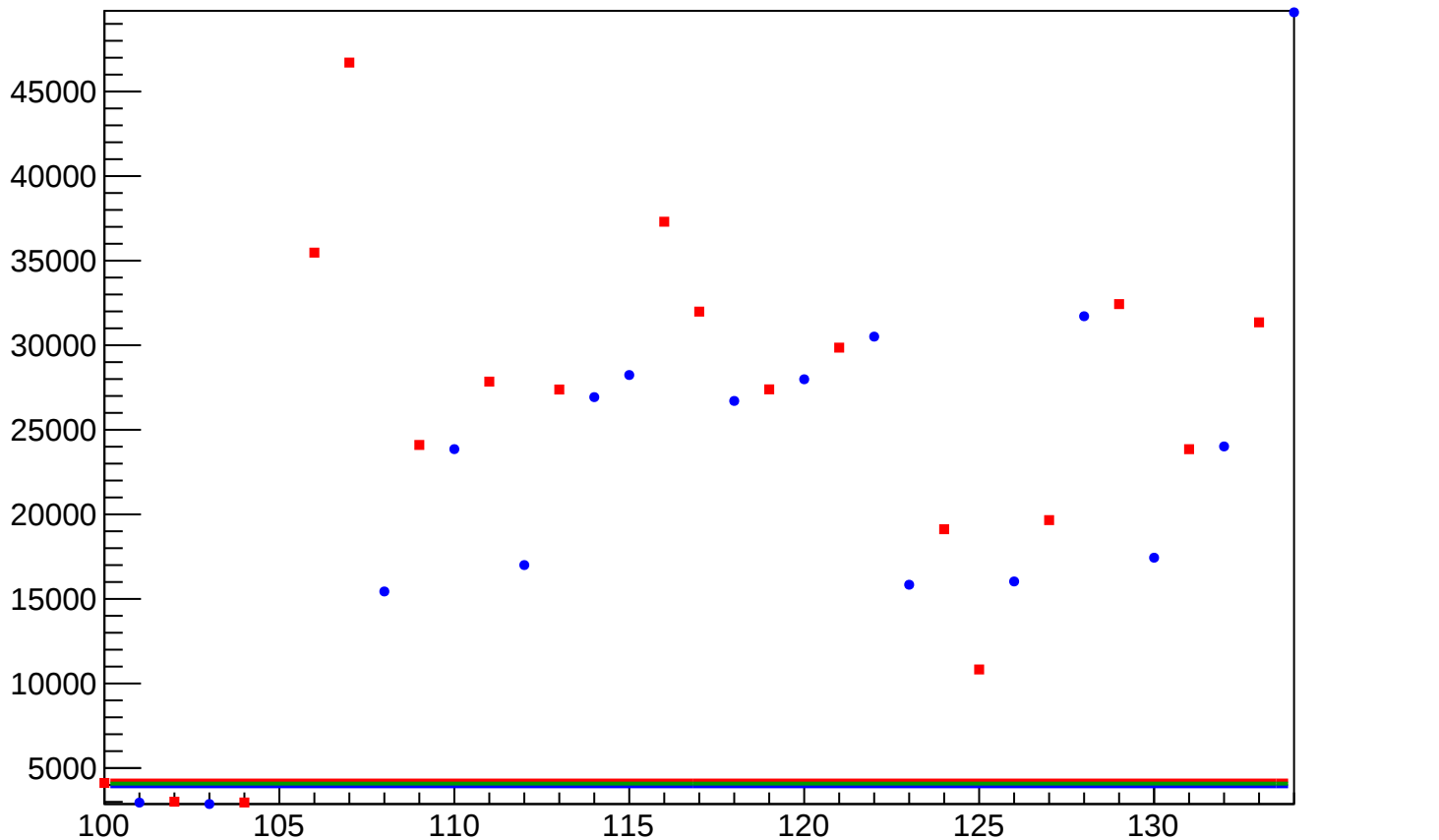
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.801 ± 2.639 χ^2/NDF : 27.4/15

-4.582 ± 1.929 χ^2/NDF : 55.8/33

-0.890 ± 2.826 χ^2/NDF : 25.2/17

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3922.133+/-1.866 χ^2/NDF : 5559433.2/15

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

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

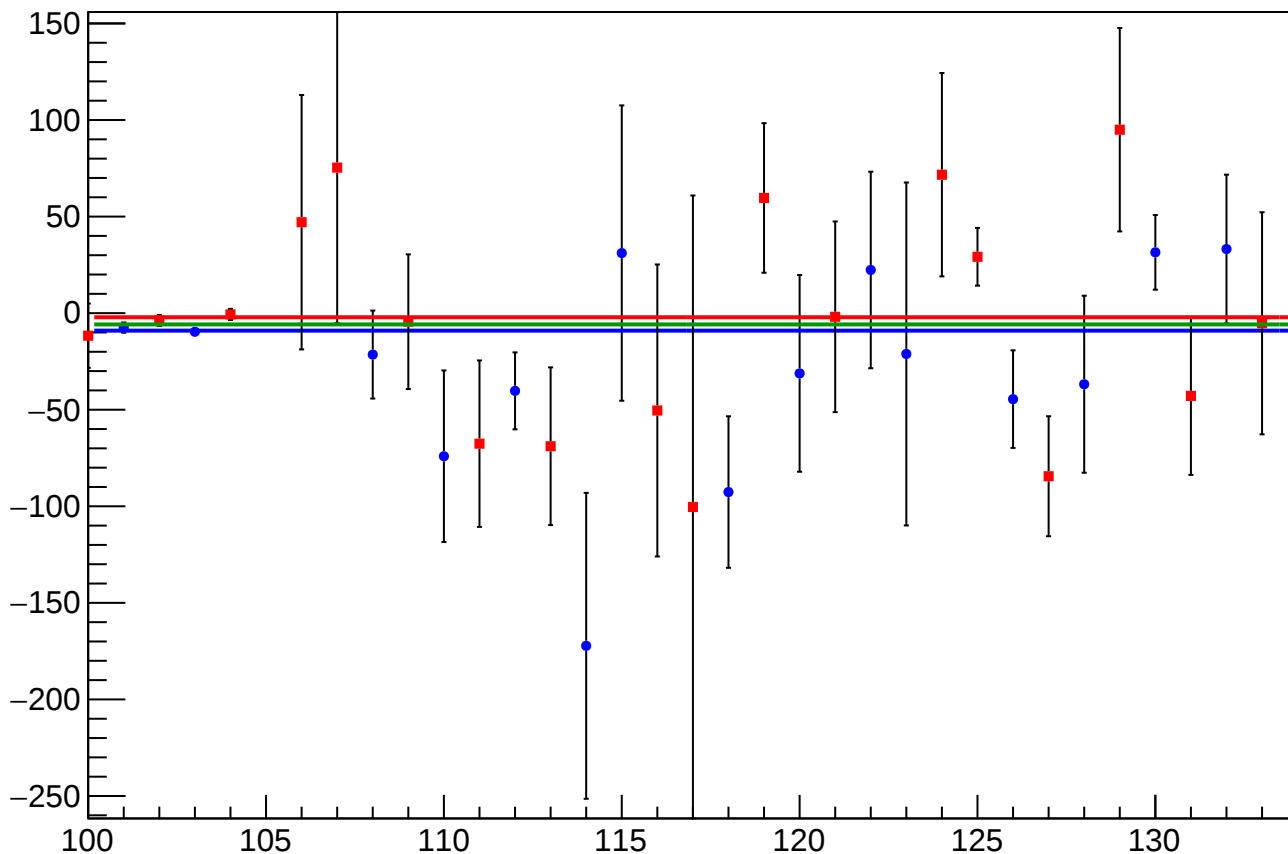
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3922.133+/-1.866 χ^2/NDF : 5559433.2/15

4080.486+/-1.364 χ^2/NDF : 12557980.5/3

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

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.053+/-1.818 χ^2 /NDF: 22.9/15

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

Right Out: -2.120+/-1.957 χ^2 /NDF: 28.5/17

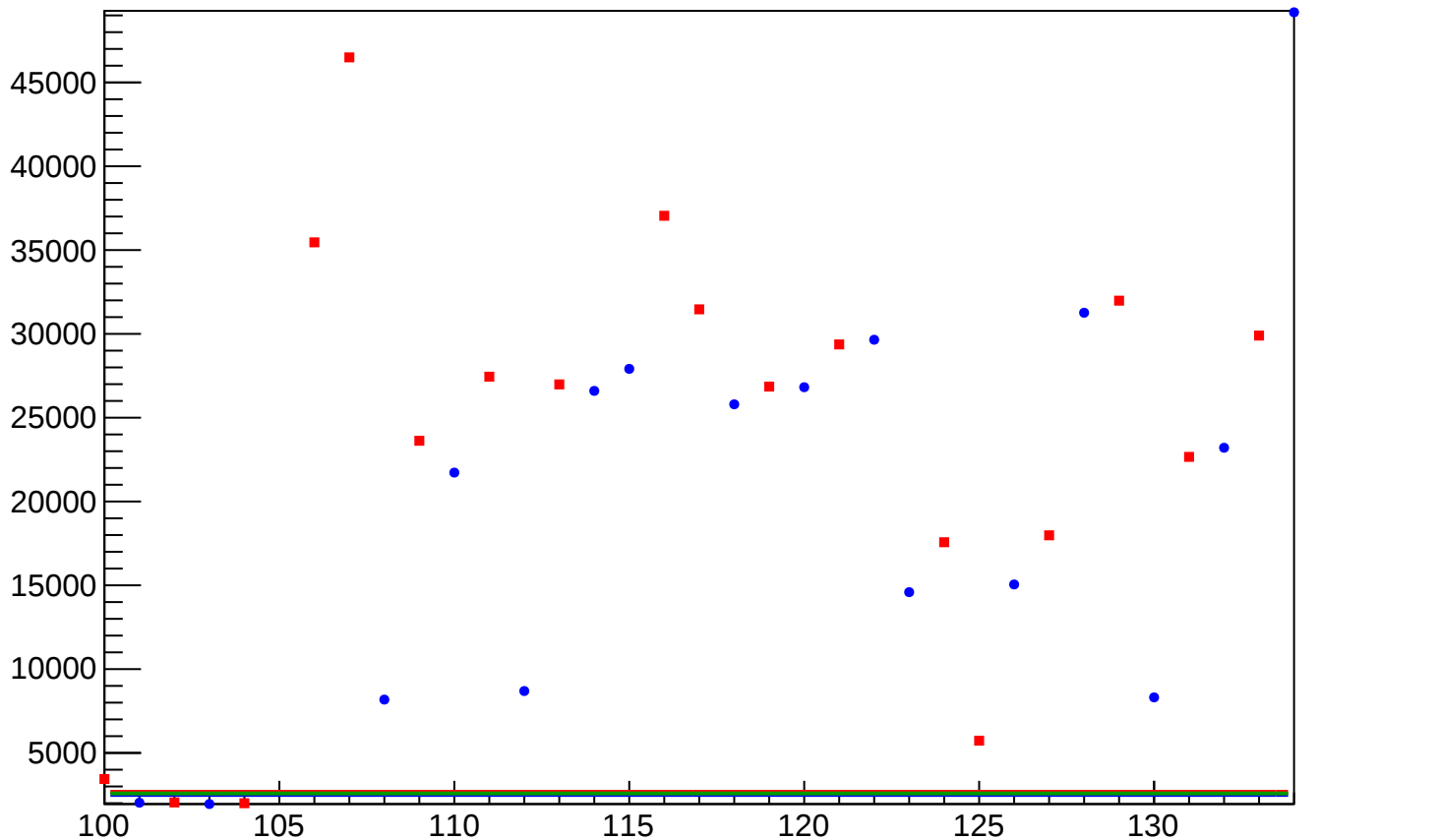
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-9.053+/-1.818 χ^2 /NDF: 22.9/15

-5.840+/-1.332 χ^2 /NDF: 58.1/33

-2.120+/-1.957 χ^2 /NDF: 28.5/17

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2497.077+/-1.286 χ^2/NDF : 5345151.0/15

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

Right Out: 2679.663+/-1.384 χ^2/NDF : 7509672.9/17

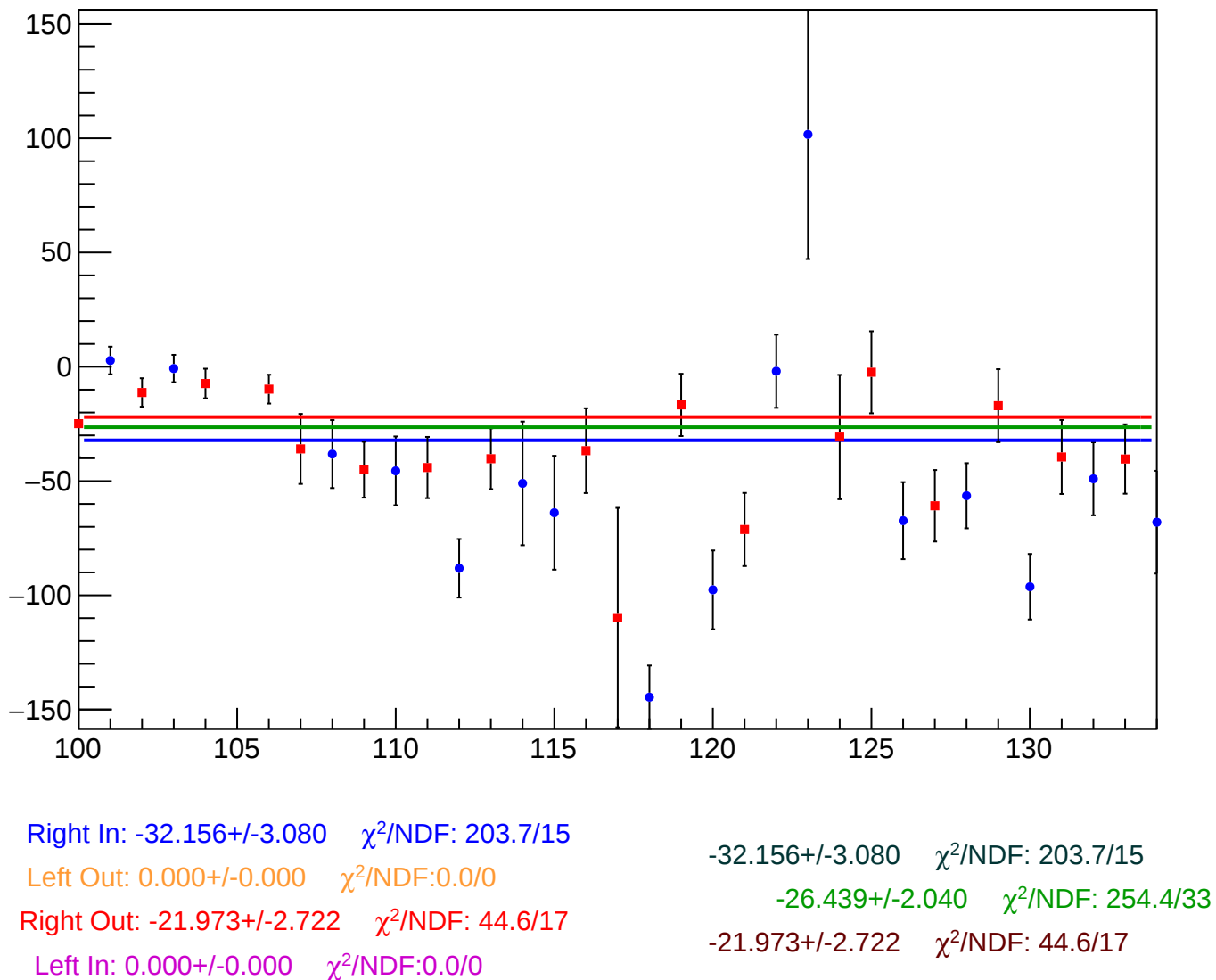
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2497.077+/-1.286 χ^2/NDF : 5345151.0/15

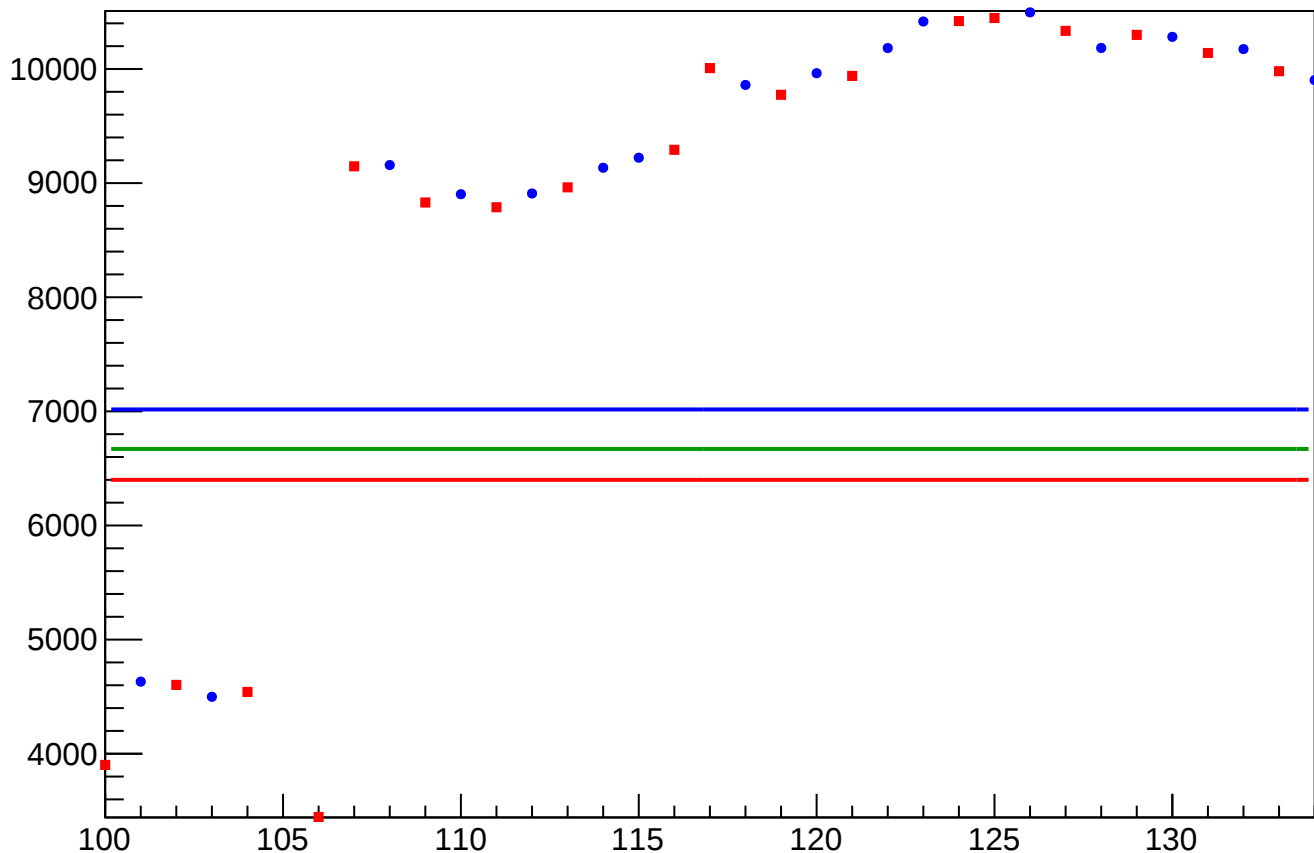
2581.677+/-0.942 χ^2/NDF : 12864167.1/3

2679.663+/-1.384 χ^2/NDF : 7509672.9/17

diff_bpm0l04X_mean vs Slug, Sign Corrected



diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 7016.685 $\pm$ 2.178 χ^2 /NDF: 1438242.3/15

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

Right Out: 6400.149 $\pm$ 1.925 χ^2 /NDF: 1999431.1/17

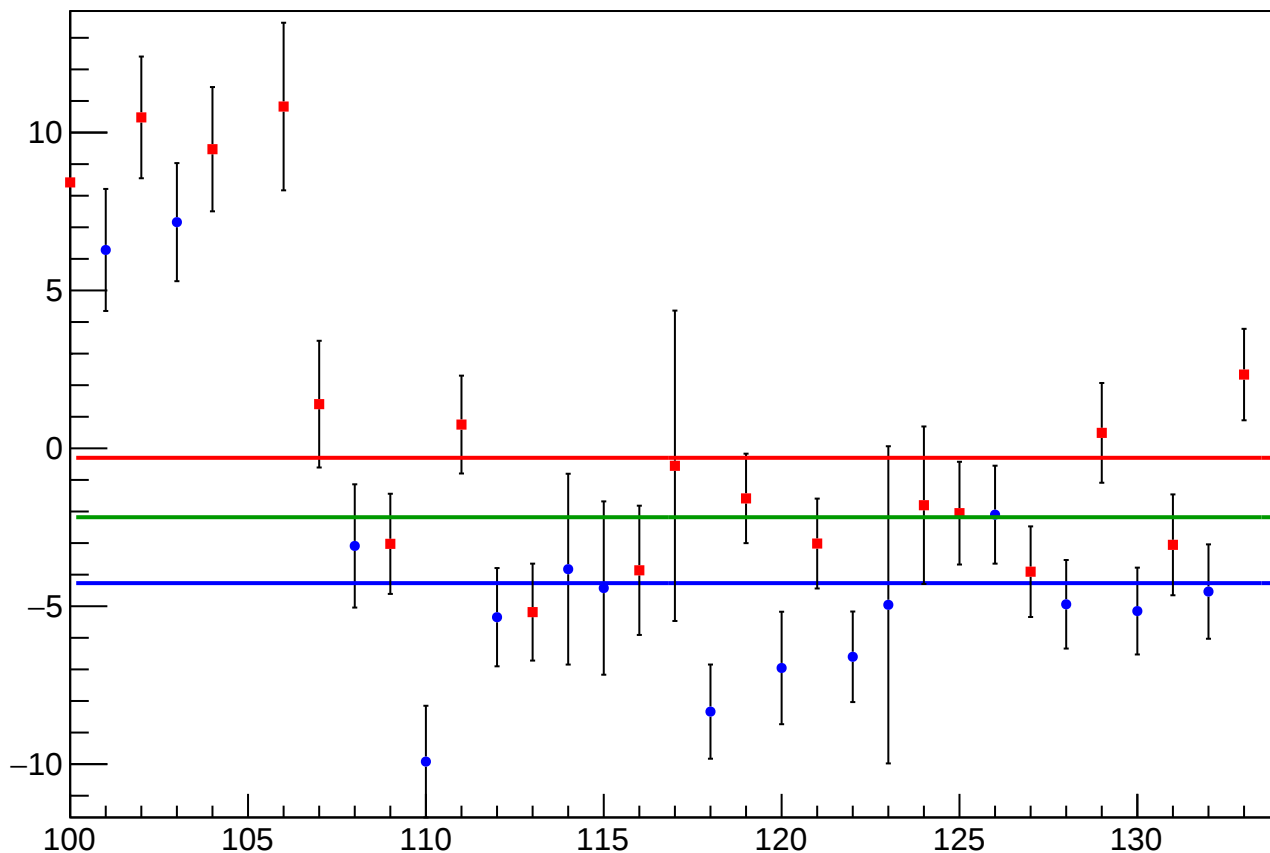
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7016.685 $\pm$ 2.178 χ^2 /NDF: 1438242.3/15

6670.549 $\pm$ 1.442 χ^2 /NDF: 3482663.6/33

6400.149 $\pm$ 1.925 χ^2 /NDF: 1999431.1/17

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.268+/-0.439 χ^2/NDF : 93.8/15

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

Right Out: -0.299+/-0.417 χ^2/NDF : 112.3/17

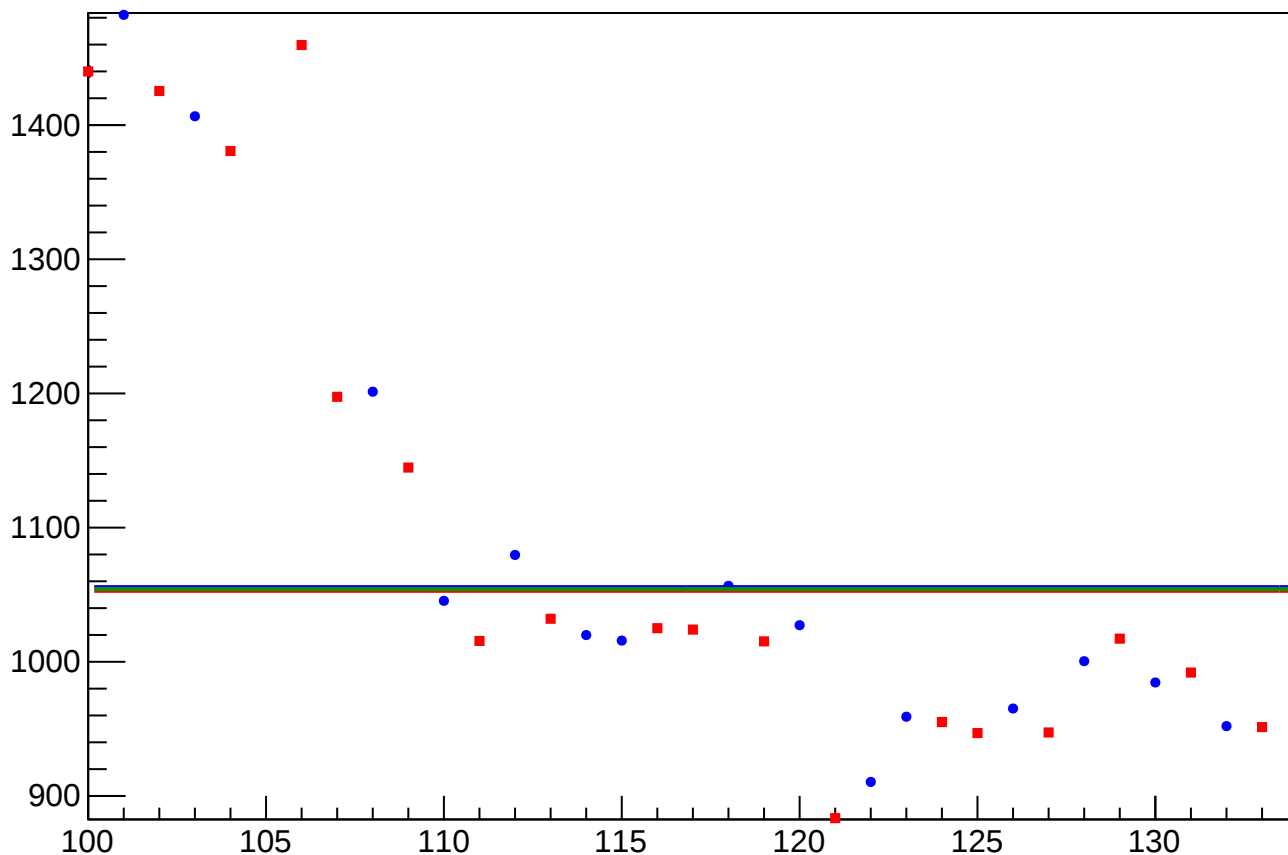
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.268+/-0.439 χ^2/NDF : 93.8/15

-2.181+/-0.302 χ^2/NDF : 249.0/33

-0.299+/-0.417 χ^2/NDF : 112.3/17

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1055.679 $\pm$ 0.310 χ^2 /NDF: 229888.4/15

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

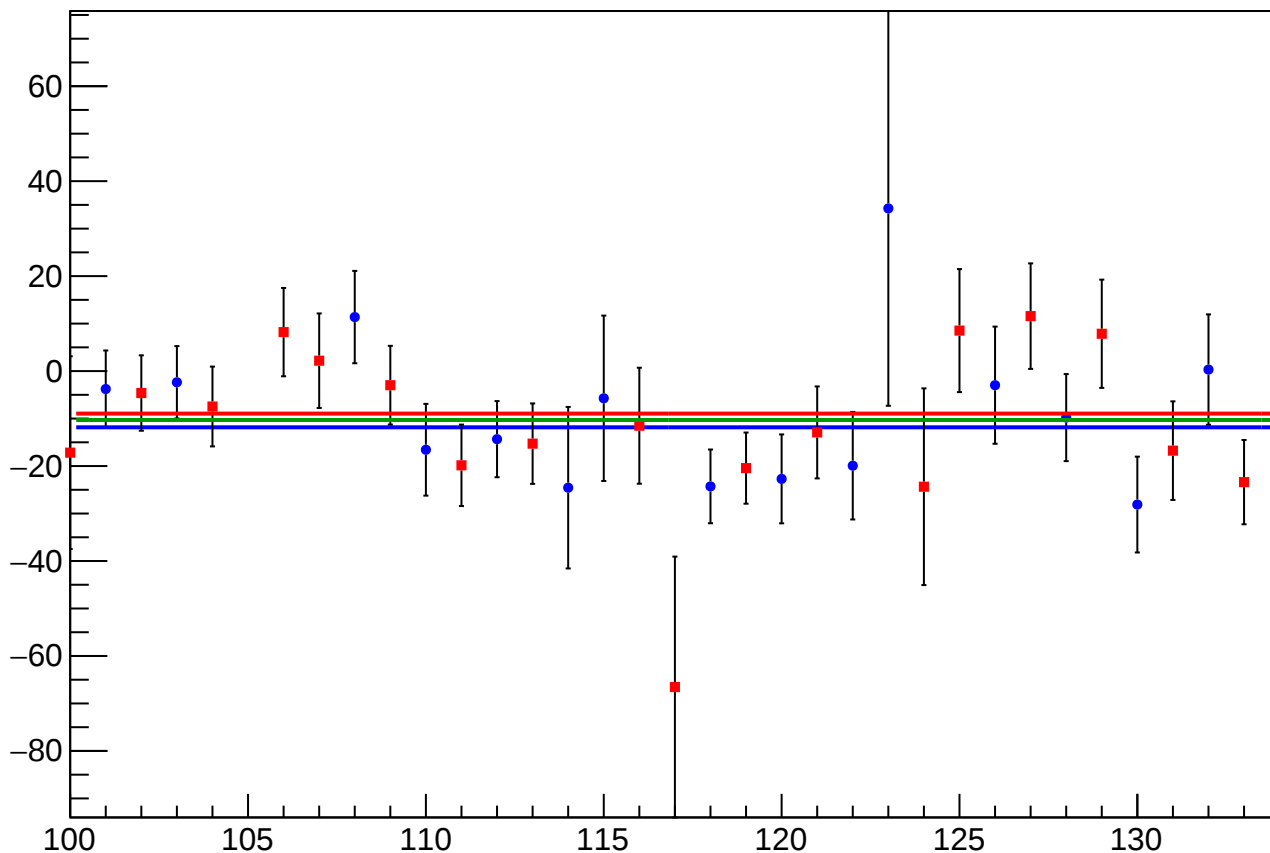
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1055.679 $\pm$ 0.310 χ^2 /NDF: 229888.4/15

1054.220 $\pm$ 0.214 χ^2 /NDF: 502314.1/33

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

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.842 ± 2.542 χ^2/NDF : 19.8/15

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

Right Out: -8.956 ± 2.365 χ^2/NDF : 26.0/17

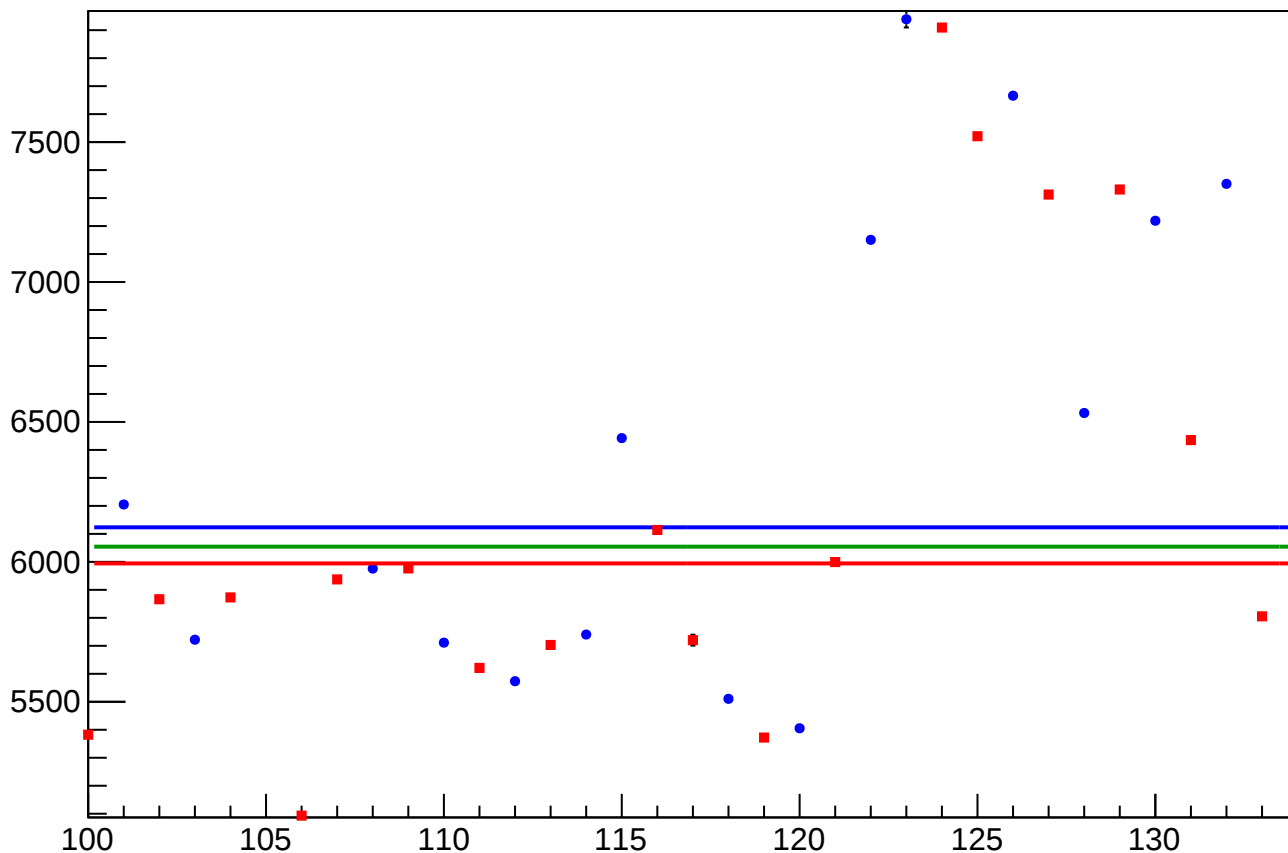
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.842 ± 2.542 χ^2/NDF : 19.8/15

-10.295 ± 1.732 χ^2/NDF : 46.4/33

-8.956 ± 2.365 χ^2/NDF : 26.0/17

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6123.427+/-1.797 χ^2 /NDF: 154268.2/15

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

Right Out: 5994.427+/-1.673 χ^2 /NDF: 146948.2/17

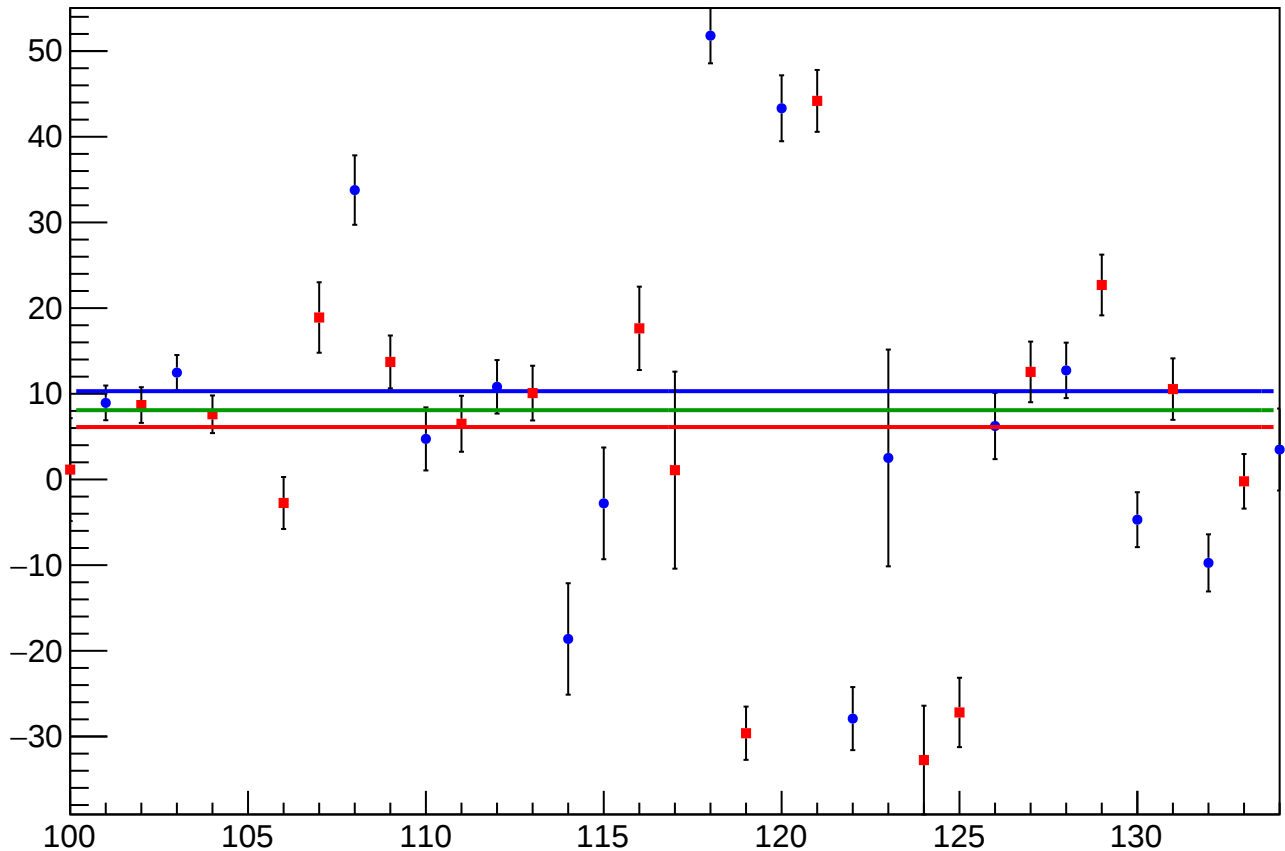
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

6123.427+/-1.797 χ^2 /NDF: 154268.2/15

6054.294+/-1.224 χ^2 /NDF: 303976.8/33

5994.427+/-1.673 χ^2 /NDF: 146948.2/17

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 10.305+/-0.845 χ^2/NDF : 470.0/15

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

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

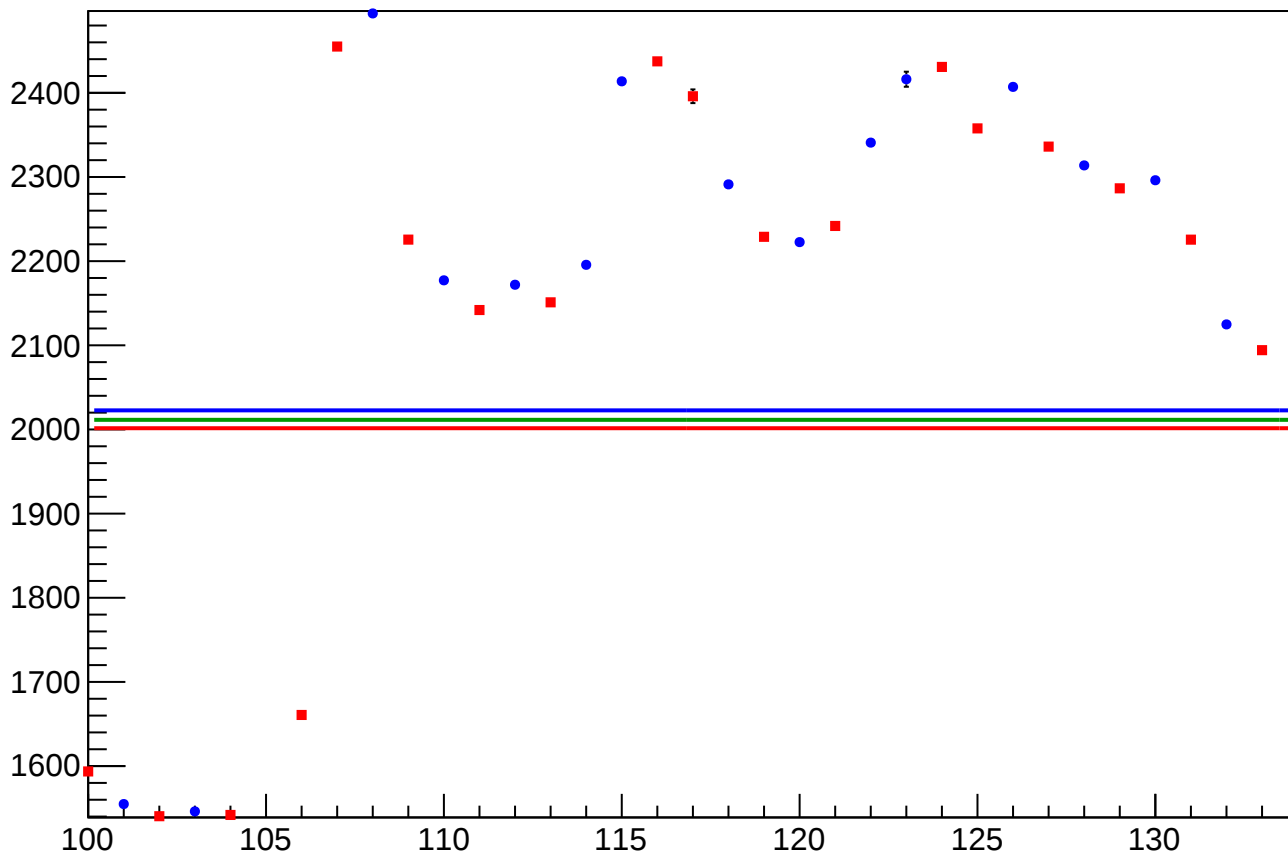
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.305+/-0.845 χ^2/NDF : 470.0/15

8.086+/-0.579 χ^2/NDF : 896.5/33

6.120+/-0.795 χ^2/NDF : 413.5/17

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 2022.698+/-0.597 χ^2/NDF : 347064.0/15

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

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

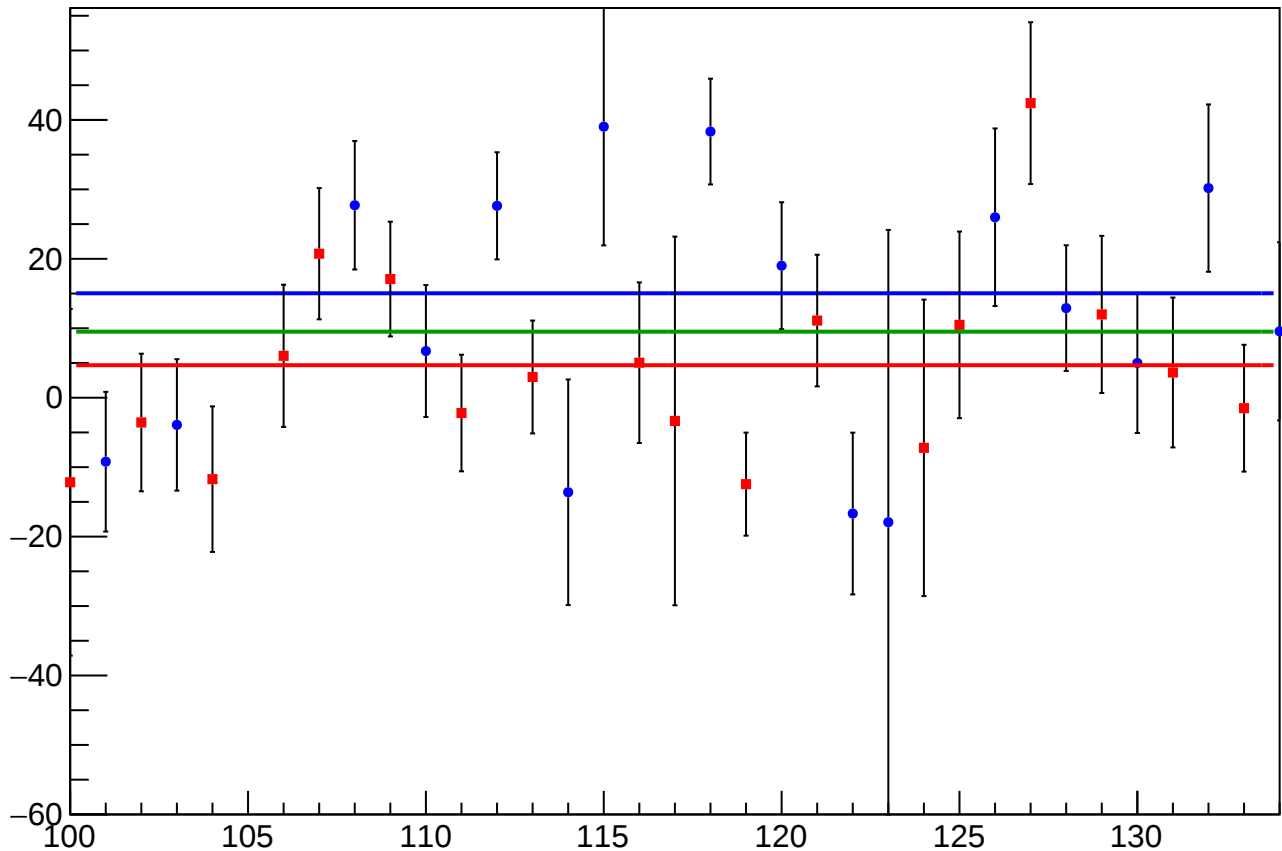
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2022.698+/-0.597 χ^2/NDF : 347064.0/15

2011.444+/-0.409 χ^2/NDF : 713624.1/33

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

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.038 +/- 2.616 χ^2/NDF : 41.3/15

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

Right Out: 4.682 +/- 2.445 χ^2/NDF : 27.2/17

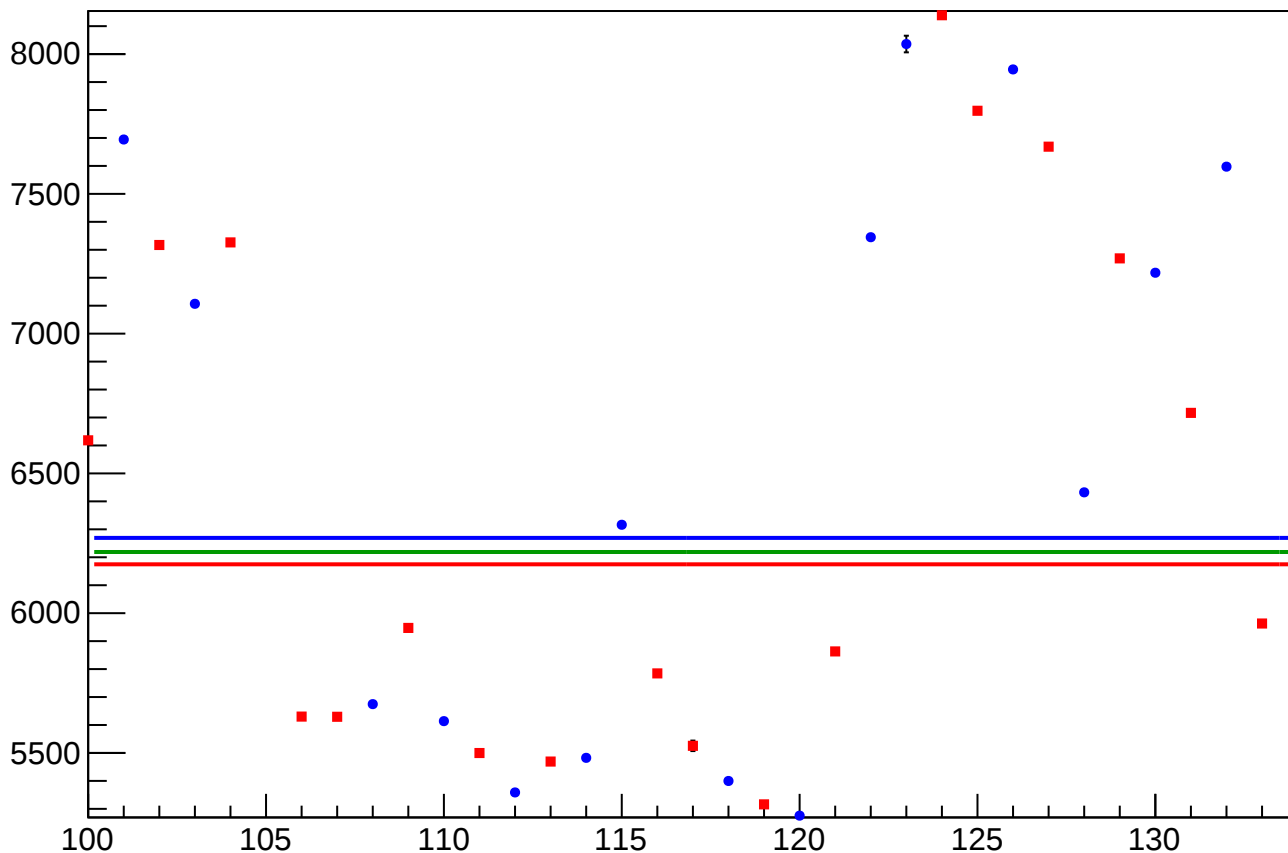
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

15.038 +/- 2.616 χ^2/NDF : 41.3/15

9.509 +/- 1.786 χ^2/NDF : 76.9/33

4.682 +/- 2.445 χ^2/NDF : 27.2/17

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6269.332 $\pm$ 1.850 χ^2 /NDF: 258261.5/15

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

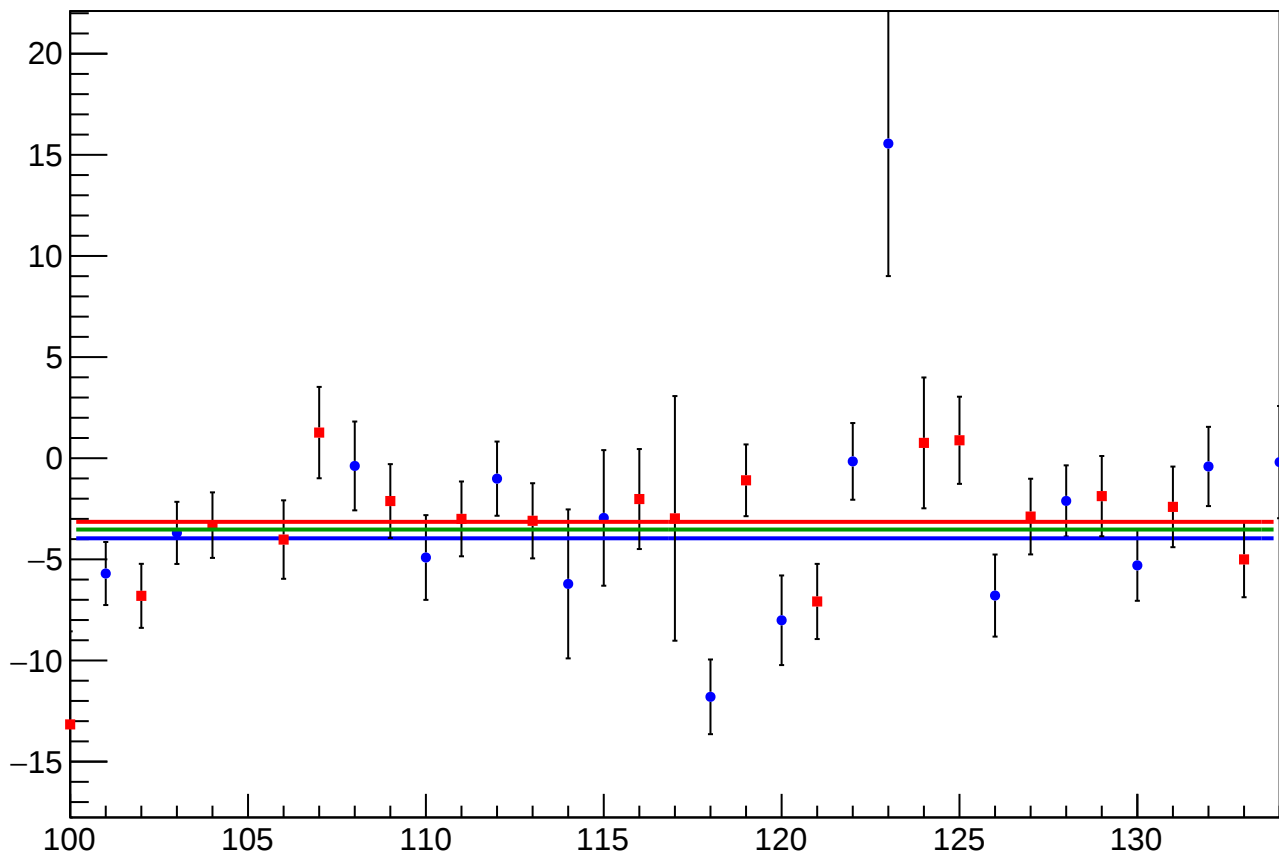
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6269.332 $\pm$ 1.850 χ^2 /NDF: 258261.5/15

6218.866 $\pm$ 1.263 χ^2 /NDF: 489153.8/33

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

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.960 ± 0.512 χ^2/NDF : 50.2/15

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

Right Out: -3.145 ± 0.479 χ^2/NDF : 27.0/17

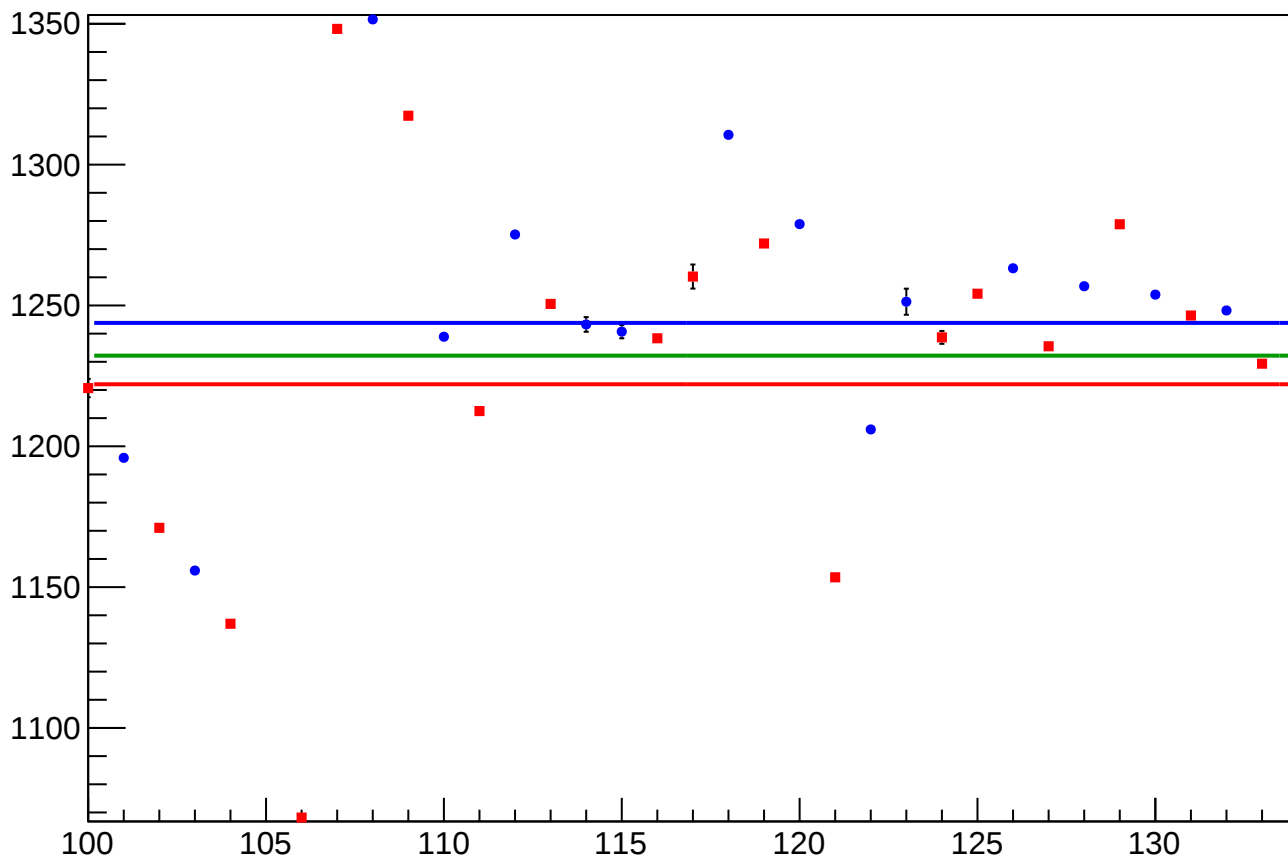
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.960 ± 0.512 χ^2/NDF : 50.2/15

-3.525 ± 0.350 χ^2/NDF : 78.6/33

-3.145 ± 0.479 χ^2/NDF : 27.0/17

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1243.811+/-0.362 χ^2/NDF : 18278.8/15

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

Right Out: 1222.018+/-0.339 χ^2/NDF : 39437.5/17

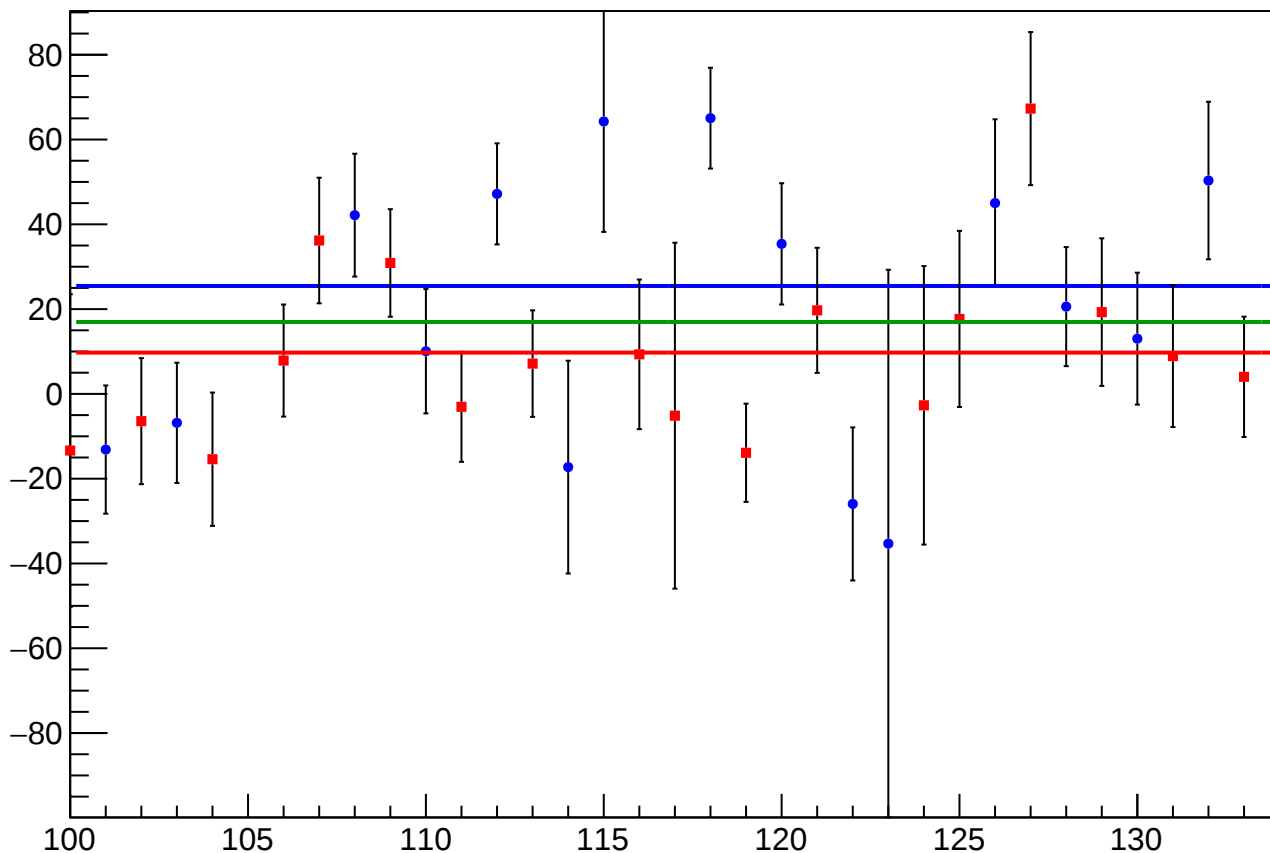
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1243.811+/-0.362 χ^2/NDF : 18278.8/15

1232.187+/-0.247 χ^2/NDF : 59648.0/33

1222.018+/-0.339 χ^2/NDF : 39437.5/17

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.462 $\pm$ 4.040 χ^2/NDF : 46.9/15

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

Right Out: 9.742 $\pm$ 3.725 χ^2/NDF : 26.8/17

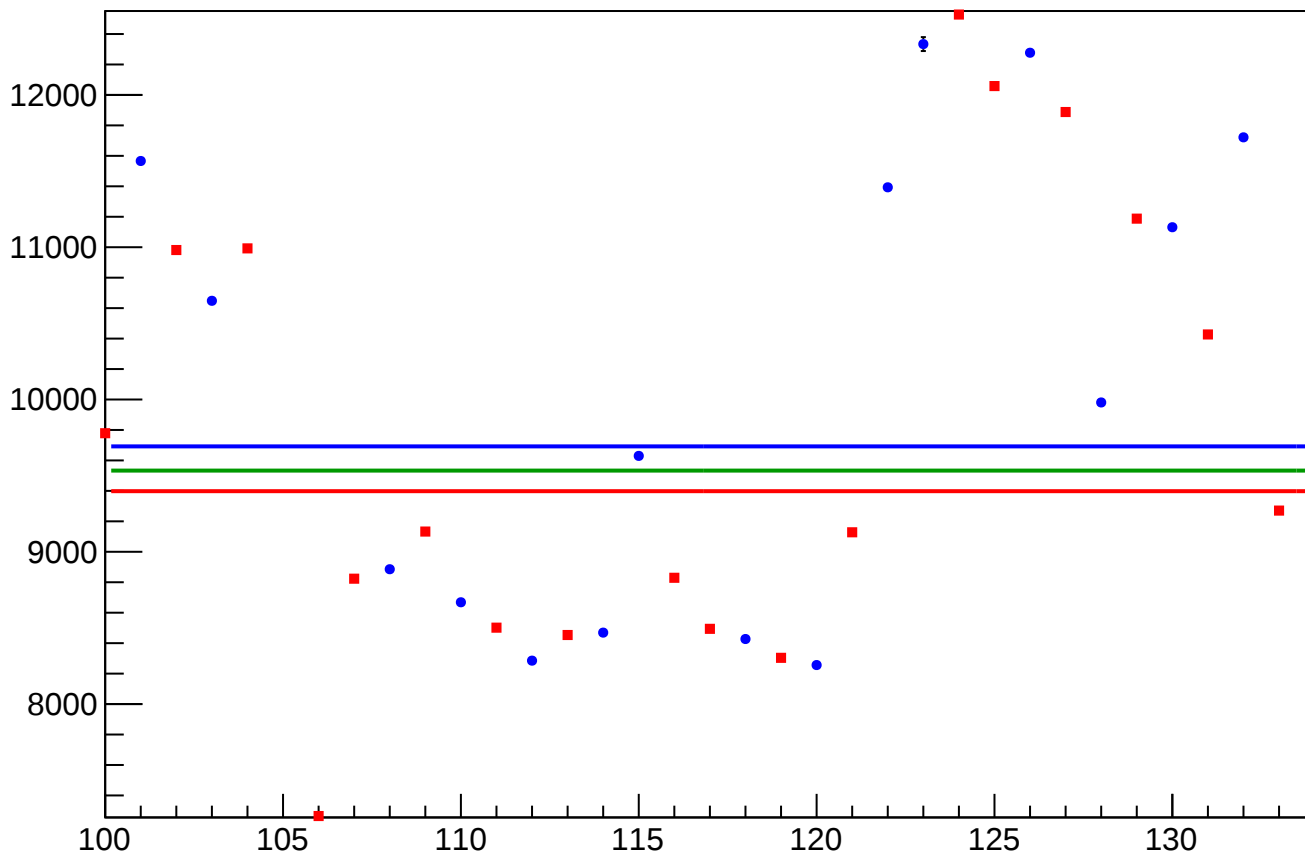
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

25.462 $\pm$ 4.040 χ^2/NDF : 46.9/15

16.965 $\pm$ 2.738 χ^2/NDF : 81.9/33

9.742 $\pm$ 3.725 χ^2/NDF : 26.8/17

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9692.172 $\pm$ 2.857 χ^2 /NDF: 232209.6/15

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

Right Out: 9398.014 $\pm$ 2.634 χ^2 /NDF: 259732.2/17

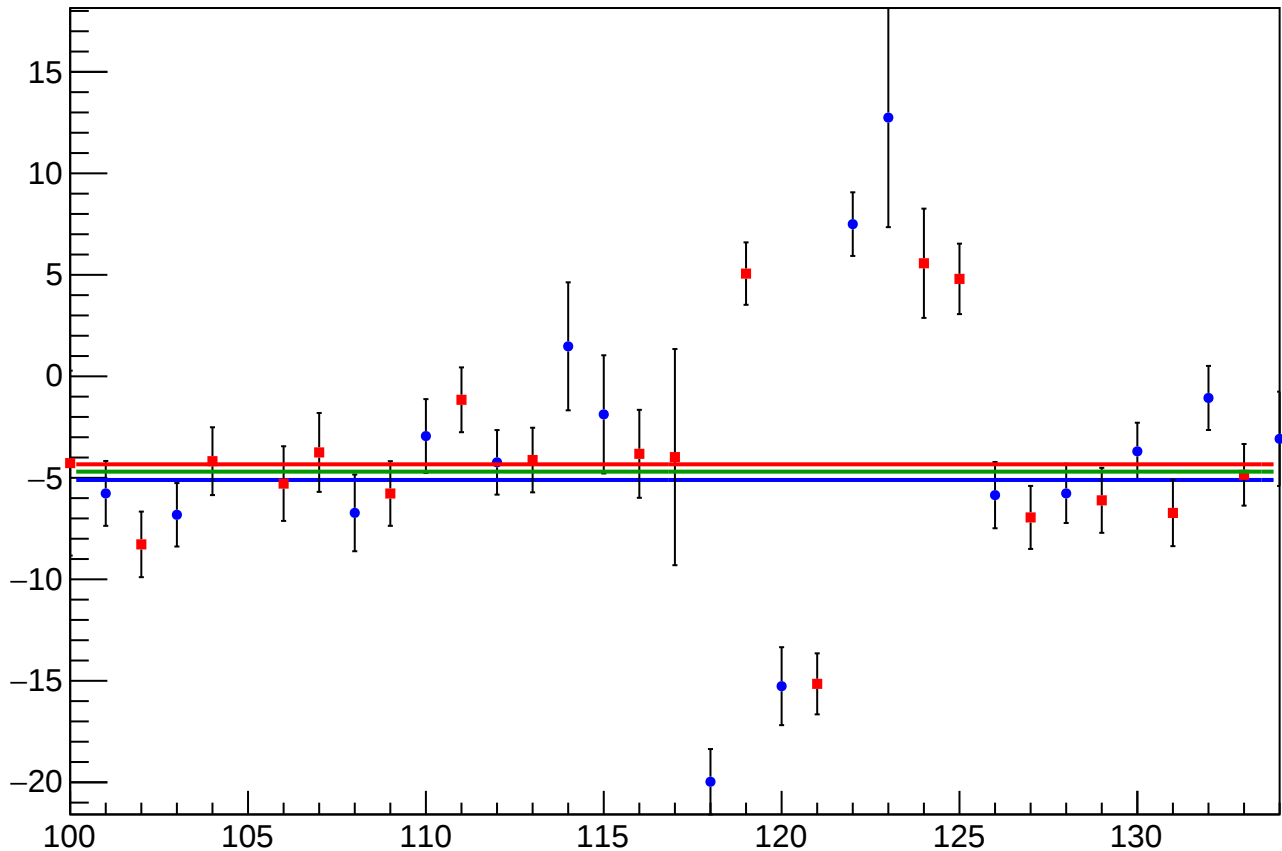
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9692.172 $\pm$ 2.857 χ^2 /NDF: 232209.6/15

9533.179 $\pm$ 1.936 χ^2 /NDF: 497673.4/33

9398.014 $\pm$ 2.634 χ^2 /NDF: 259732.2/17

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.105+/-0.446 χ^2/NDF : 206.9/15

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

Right Out: -4.334+/-0.418 χ^2/NDF : 147.9/17

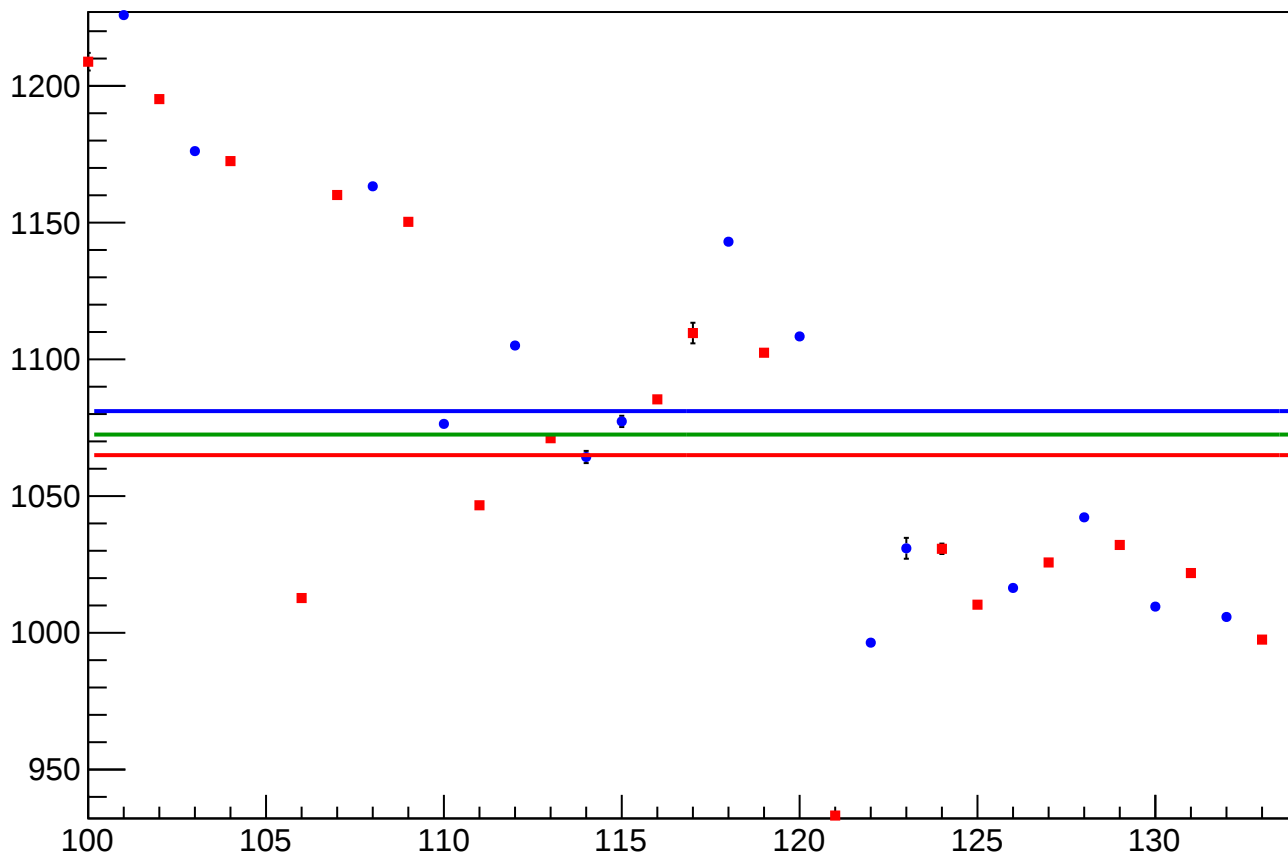
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.105+/-0.446 χ^2/NDF : 206.9/15

-4.695+/-0.305 χ^2/NDF : 356.4/33

-4.334+/-0.418 χ^2/NDF : 147.9/17

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1081.075 $\pm$ 0.315 χ^2 /NDF: 53074.1/15

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

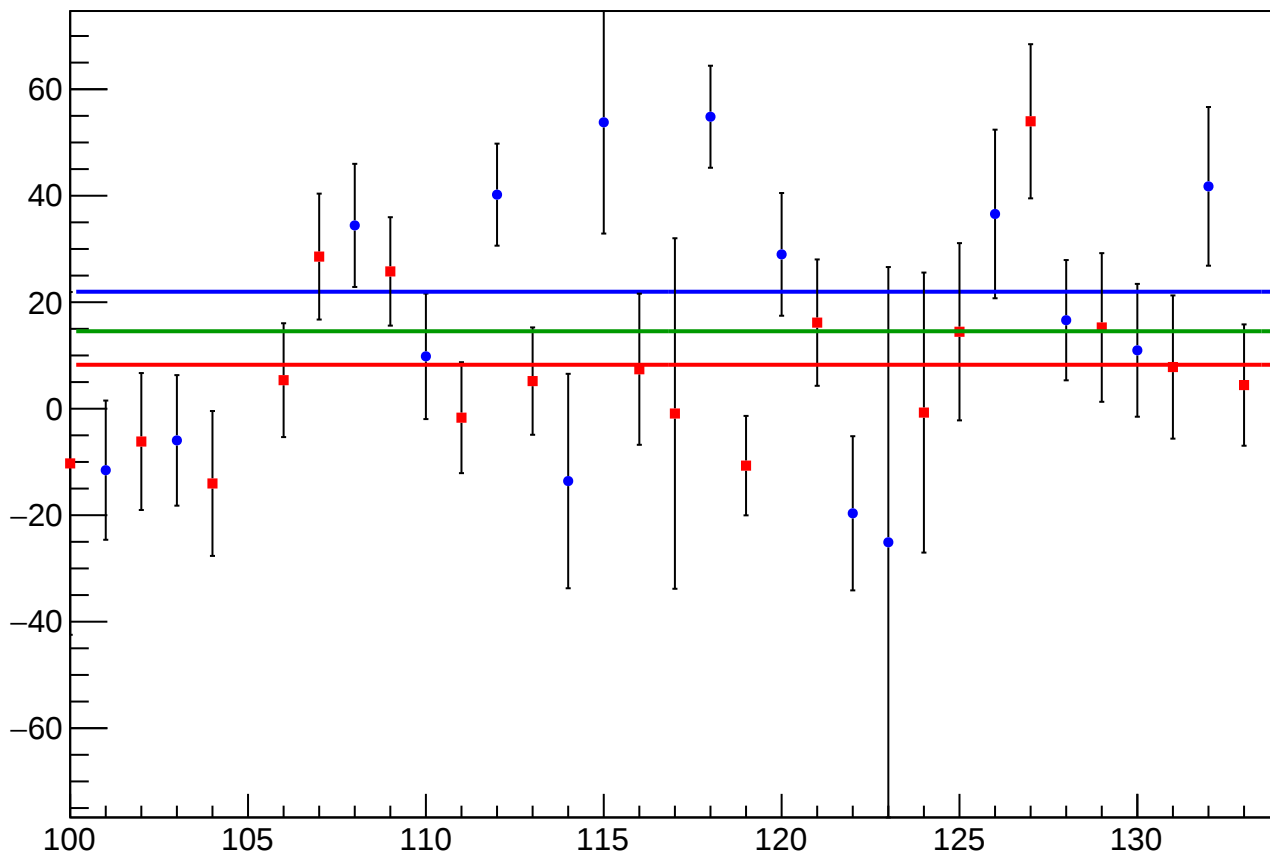
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1081.075 $\pm$ 0.315 χ^2 /NDF: 53074.1/15

1072.503 $\pm$ 0.216 χ^2 /NDF: 116822.0/33

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

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.970 $\pm$ 3.279 χ^2 /NDF: 48.2/15

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

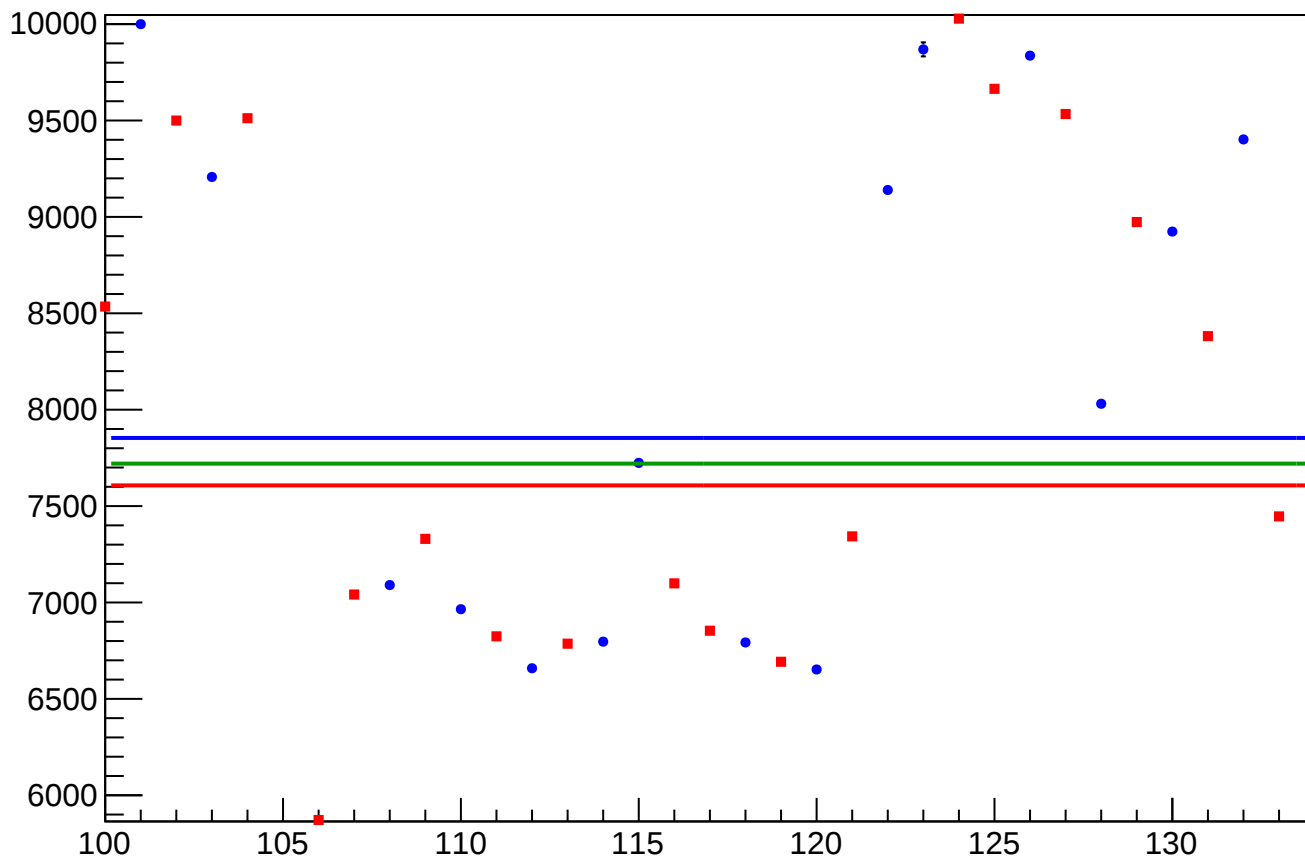
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.970 $\pm$ 3.279 χ^2 /NDF: 48.2/15

14.548 $\pm$ 2.221 χ^2 /NDF: 84.2/33

8.253 $\pm$ 3.020 χ^2 /NDF: 26.5/17

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7853.503 $\pm$ 2.319 χ^2 /NDF: 272935.4/15

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

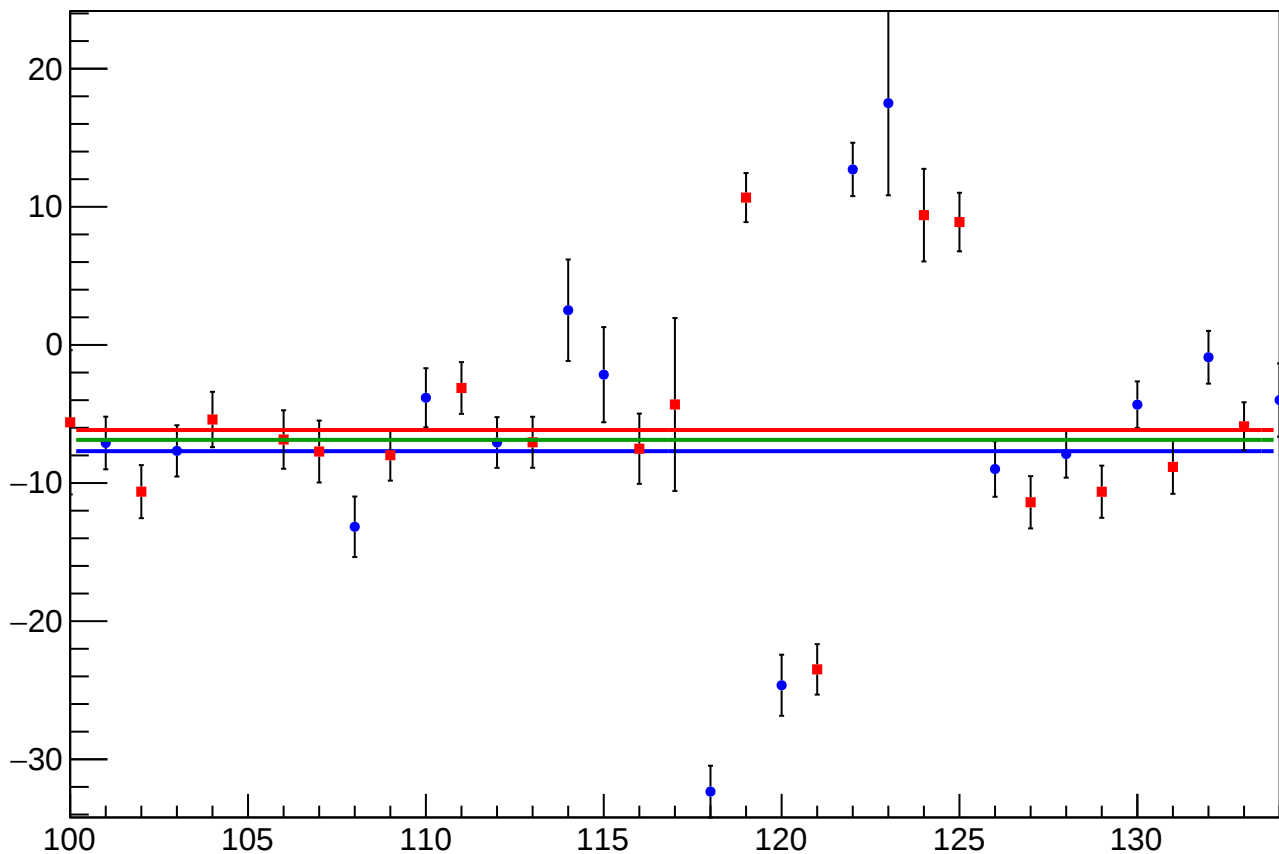
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7853.503 $\pm$ 2.319 χ^2 /NDF: 272935.4/15

7720.310 $\pm$ 1.571 χ^2 /NDF: 579443.3/33

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

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.691 ± 0.528 χ^2/NDF : 396.7/15

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

Right Out: -6.161 ± 0.493 χ^2/NDF : 277.2/17

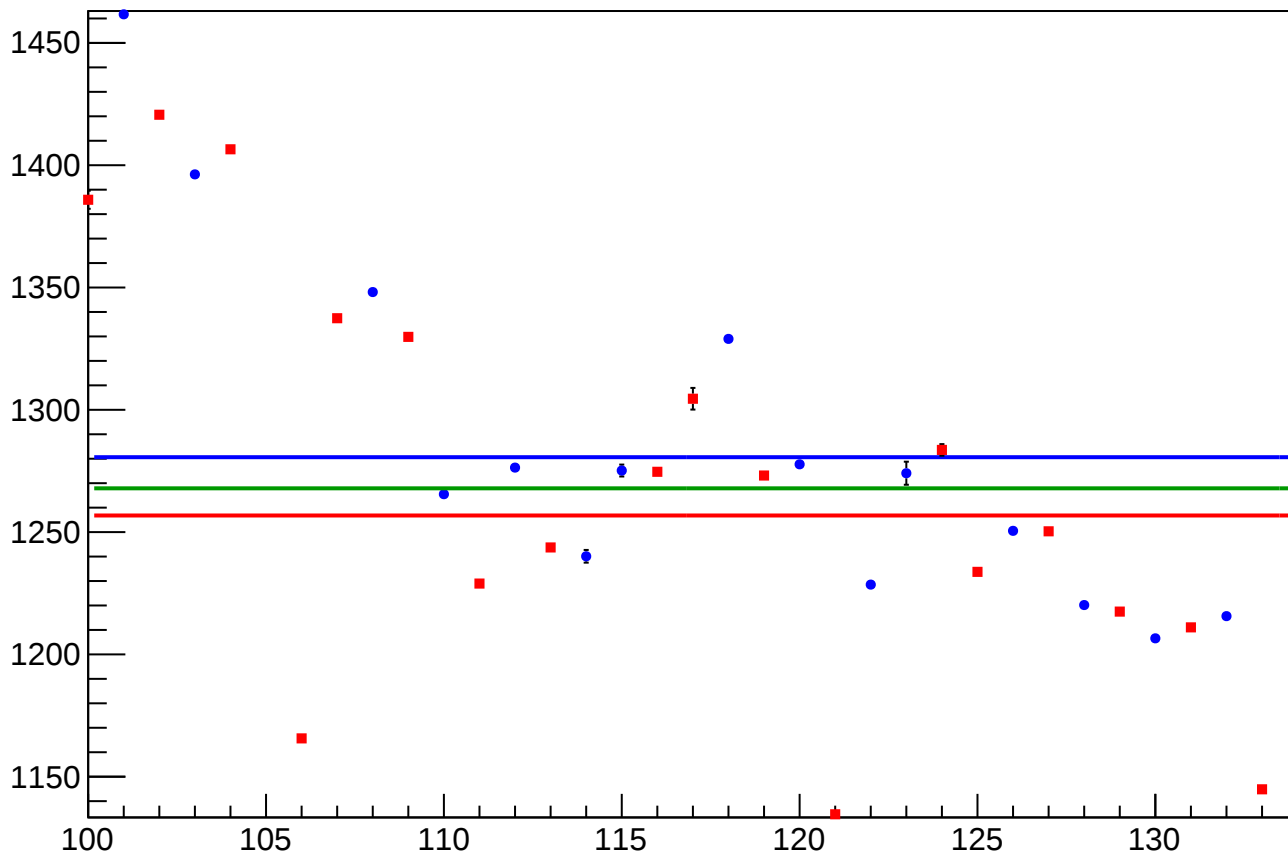
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.691 ± 0.528 χ^2/NDF : 396.7/15

-6.874 ± 0.360 χ^2/NDF : 678.4/33

-6.161 ± 0.493 χ^2/NDF : 277.2/17

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1280.627 $\pm$ 0.373 χ^2 /NDF: 43848.3/15

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

Right Out: 1256.793 $\pm$ 0.349 χ^2 /NDF: 56852.2/17

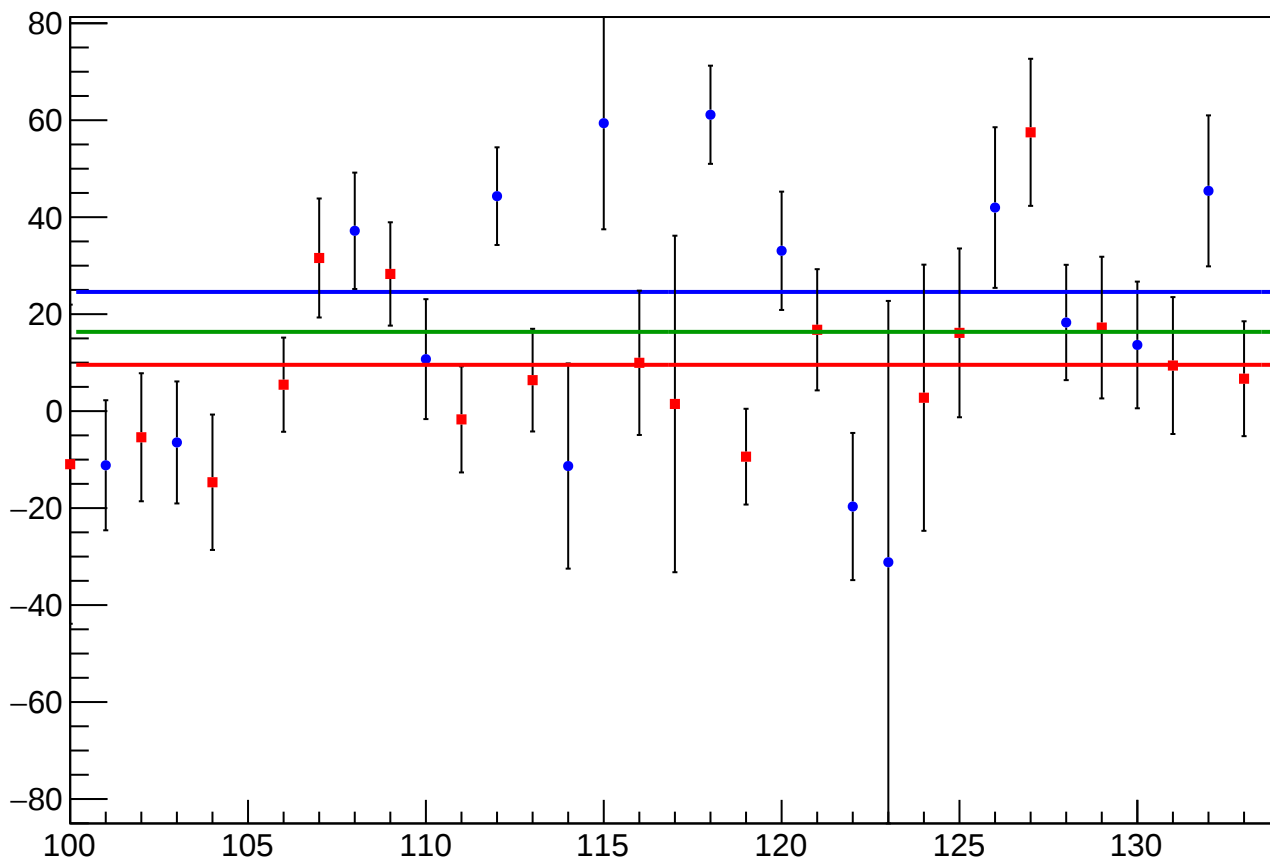
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1280.627 $\pm$ 0.373 χ^2 /NDF: 43848.3/15

1267.897 $\pm$ 0.255 χ^2 /NDF: 102877.1/33

1256.793 $\pm$ 0.349 χ^2 /NDF: 56852.2/17

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.584 $\pm$ 3.431 χ^2 /NDF: 52.1/15

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

Right Out: 9.551 $\pm$ 3.117 χ^2 /NDF: 26.9/17

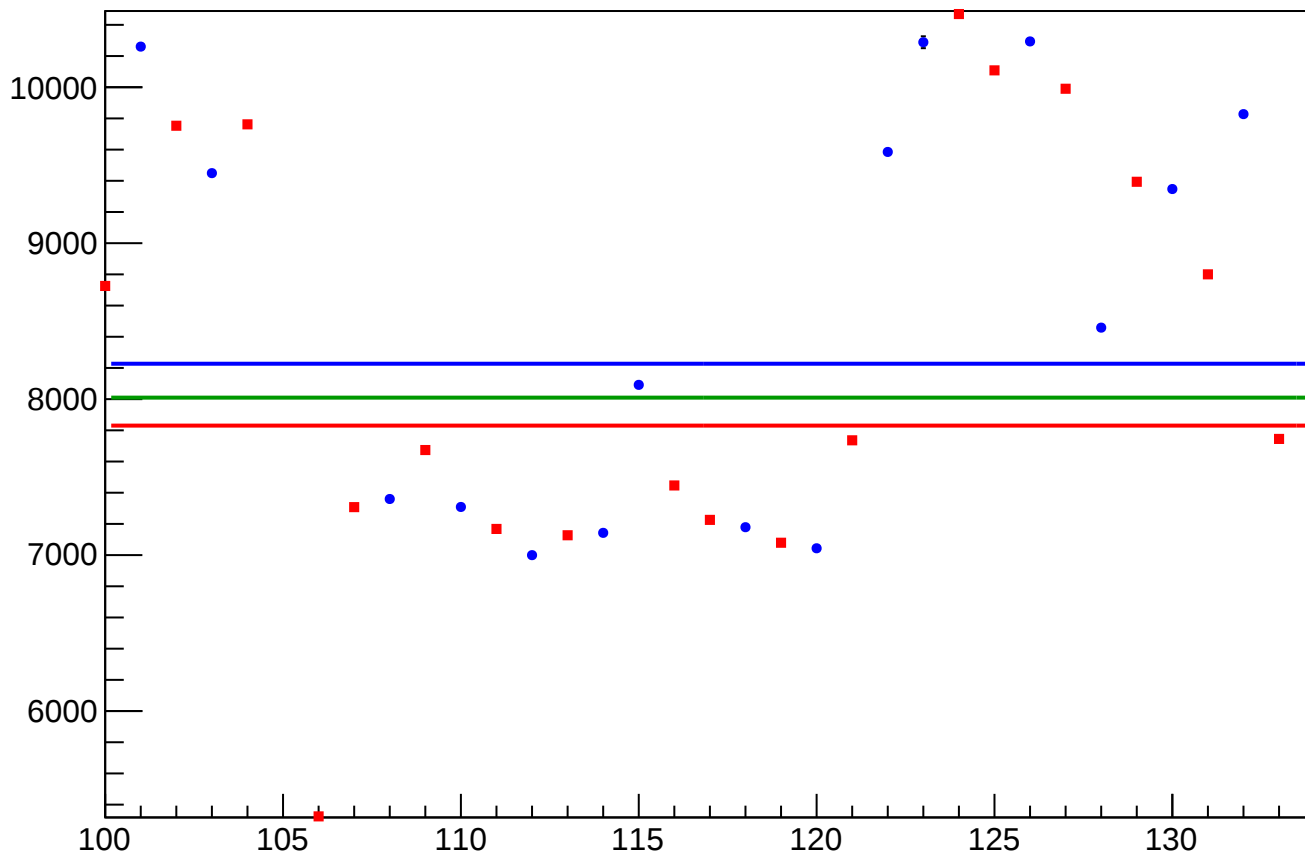
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.584 $\pm$ 3.431 χ^2 /NDF: 52.1/15

16.348 $\pm$ 2.307 χ^2 /NDF: 89.5/33

9.551 $\pm$ 3.117 χ^2 /NDF: 26.9/17

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8227.065+/-2.426 χ^2/NDF : 253194.0/15

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

Right Out: 7830.342+/-2.204 χ^2/NDF : 374879.7/17

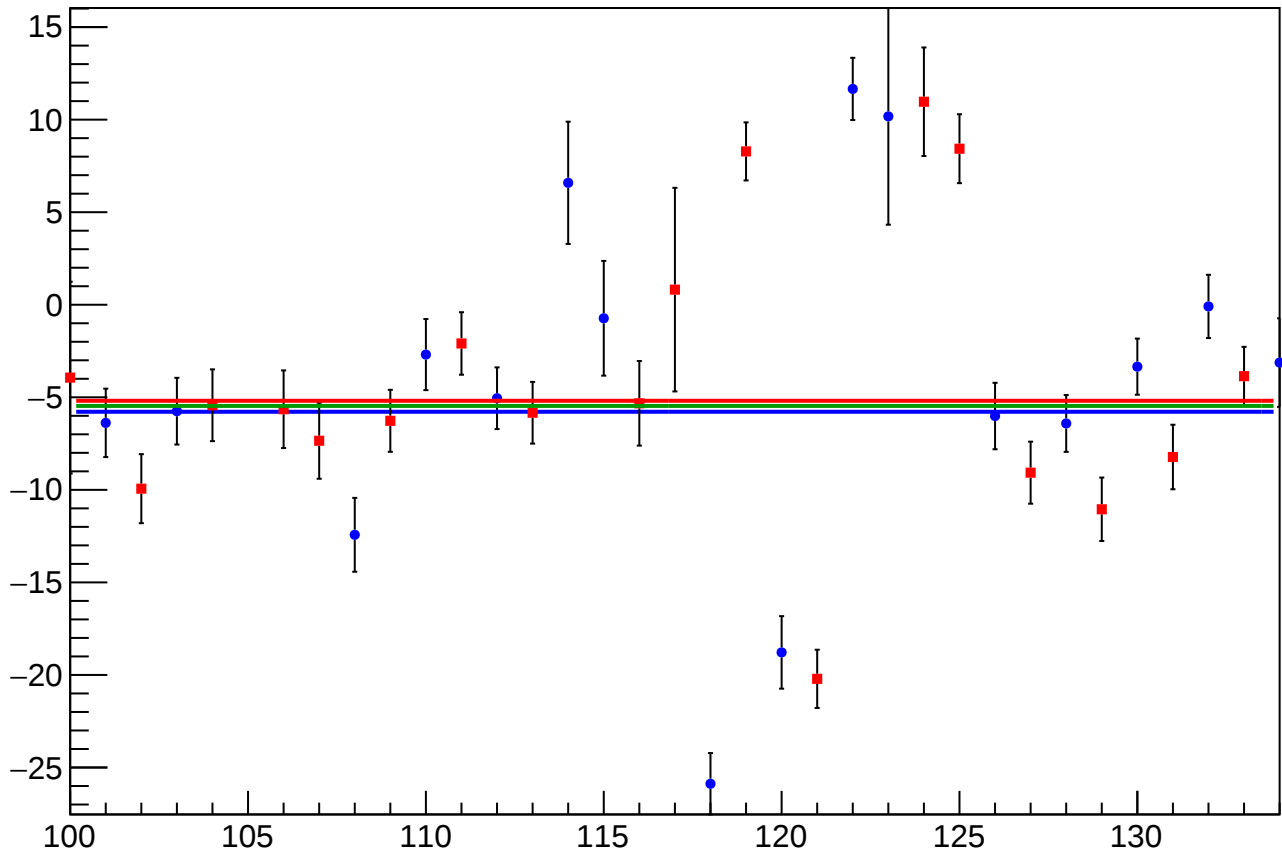
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8227.065+/-2.426 χ^2/NDF : 253194.0/15

8009.712+/-1.631 χ^2/NDF : 642720.4/33

7830.342+/-2.204 χ^2/NDF : 374879.7/17

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.782 ± 0.478 χ^2/NDF : 351.9/15

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

Right Out: -5.188 ± 0.448 χ^2/NDF : 282.6/17

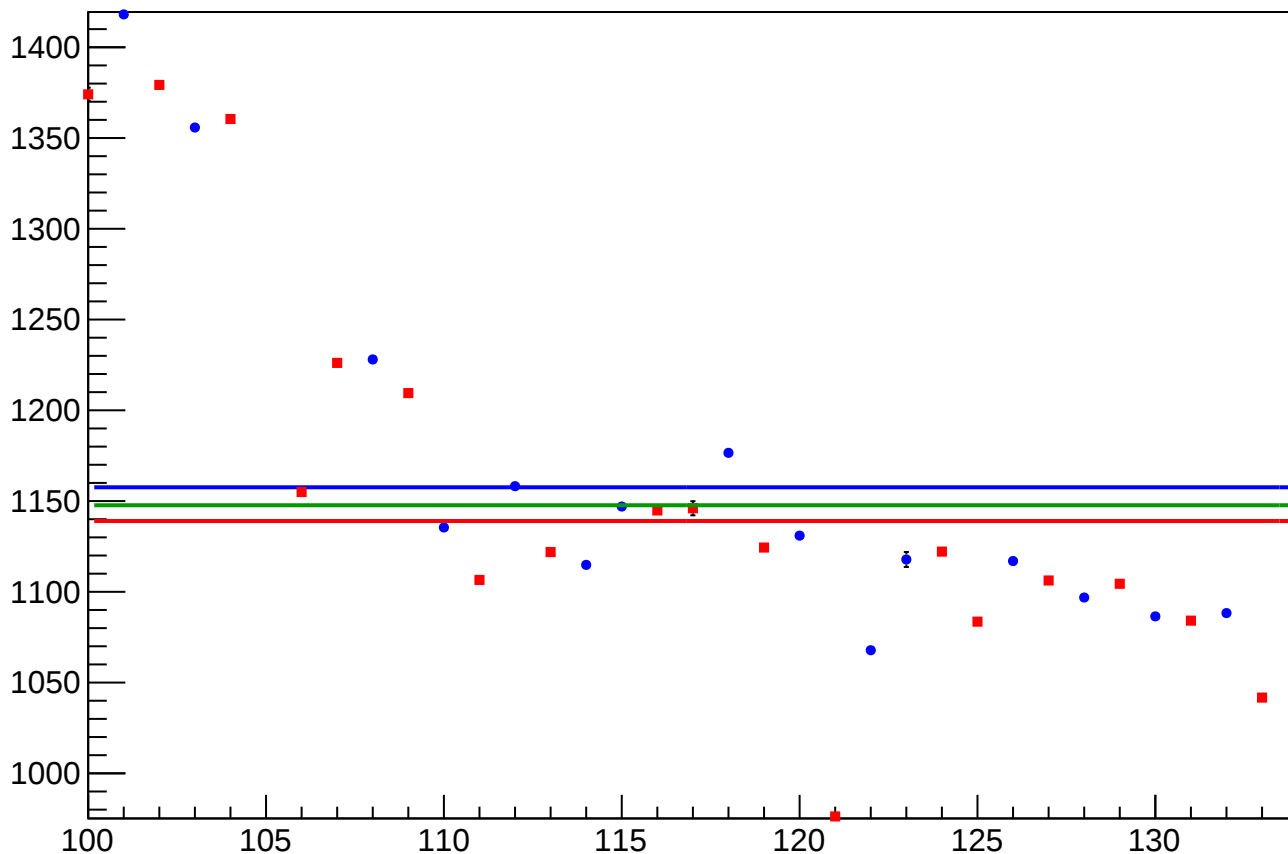
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.782 ± 0.478 χ^2/NDF : 351.9/15

-5.465 ± 0.327 χ^2/NDF : 635.3/33

-5.188 ± 0.448 χ^2/NDF : 282.6/17

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1157.589+/-0.338 χ^2/NDF : 89125.4/15

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

Right Out: 1139.015+/-0.317 χ^2/NDF : 106168.4/17

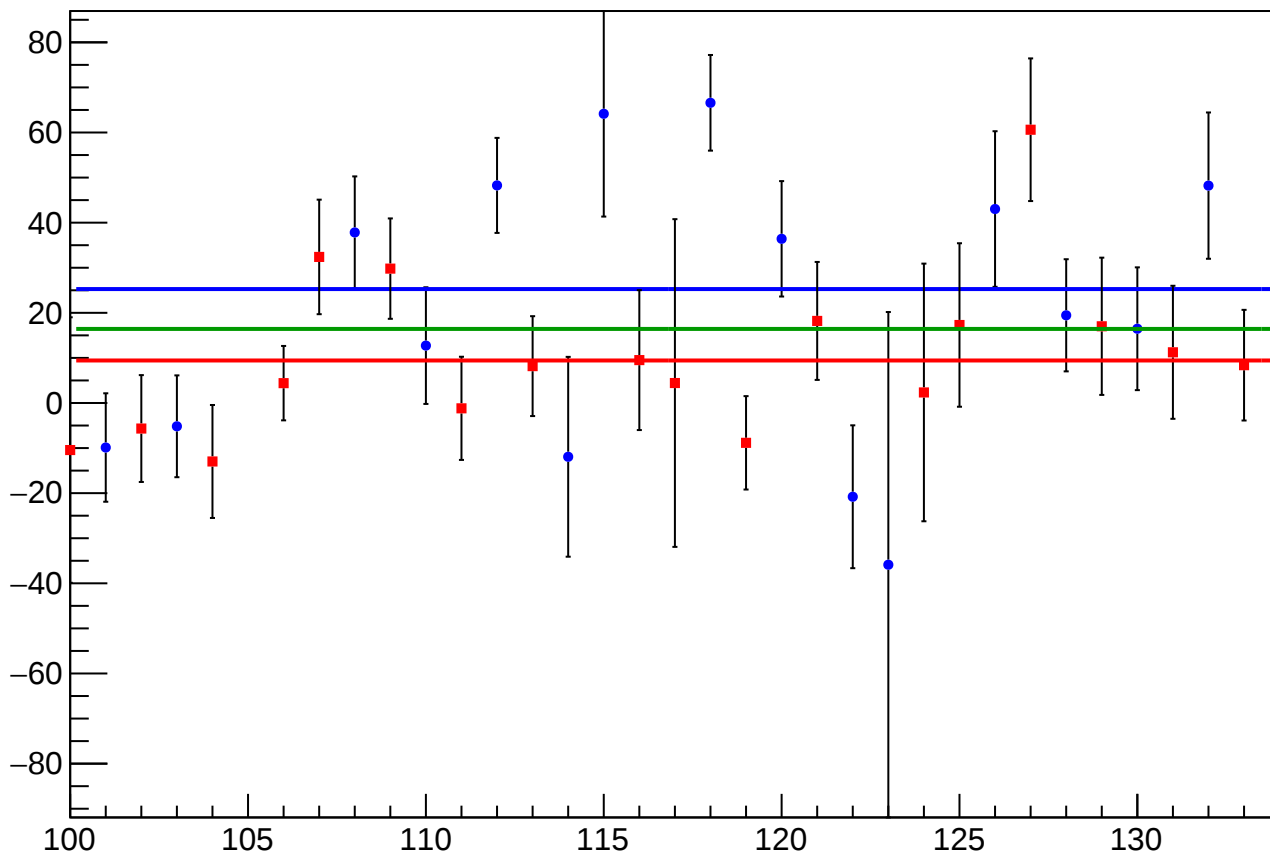
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1157.589+/-0.338 χ^2/NDF : 89125.4/15

1147.693+/-0.231 χ^2/NDF : 196901.3/33

1139.015+/-0.317 χ^2/NDF : 106168.4/17

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.271 $\pm$ 3.498 χ^2 /NDF: 57.7/15

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

Right Out: 9.430 $\pm$ 3.112 χ^2 /NDF: 27.7/17

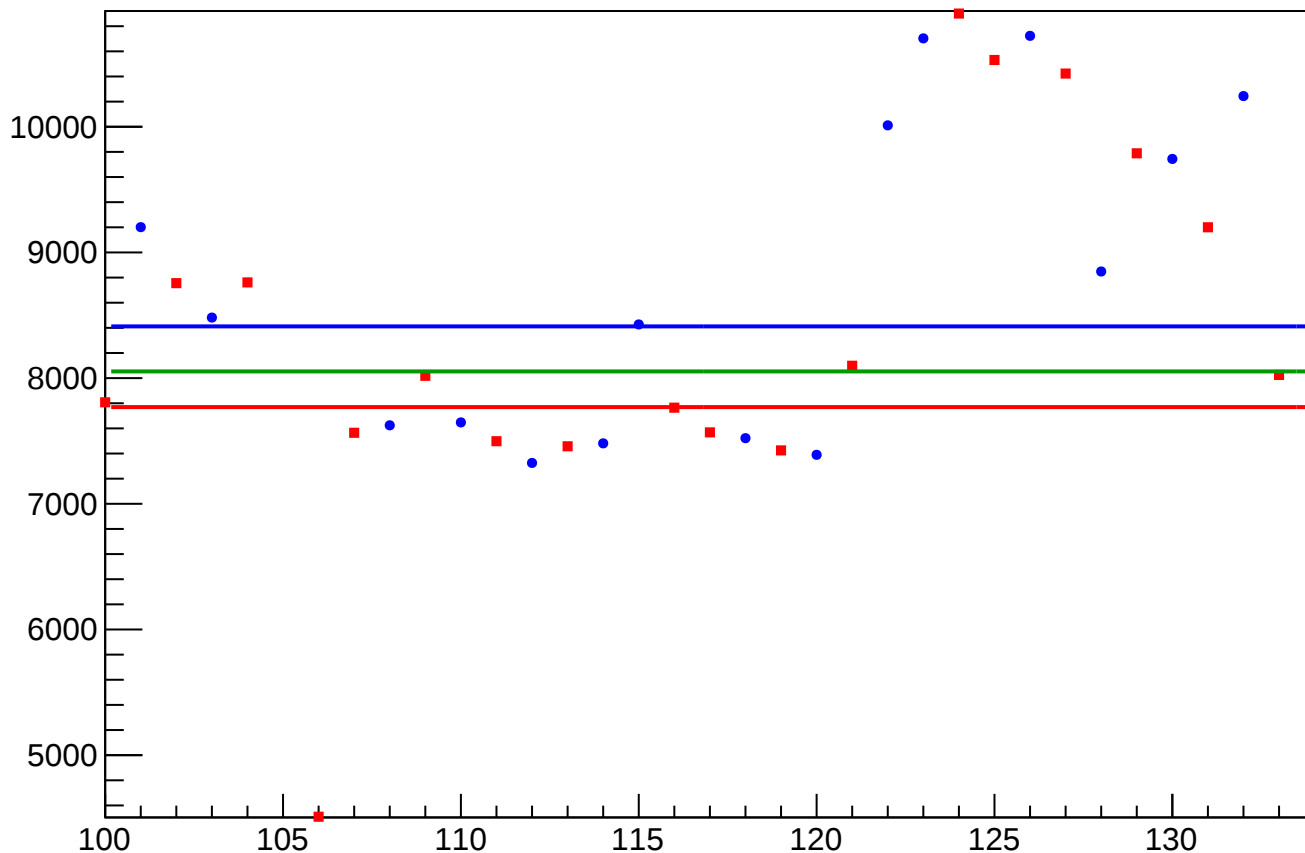
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.271 $\pm$ 3.498 χ^2 /NDF: 57.7/15

16.429 $\pm$ 2.325 χ^2 /NDF: 96.9/33

9.430 $\pm$ 3.112 χ^2 /NDF: 27.7/17

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8411.680+/-2.473 χ^2/NDF : 185507.6/15

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

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

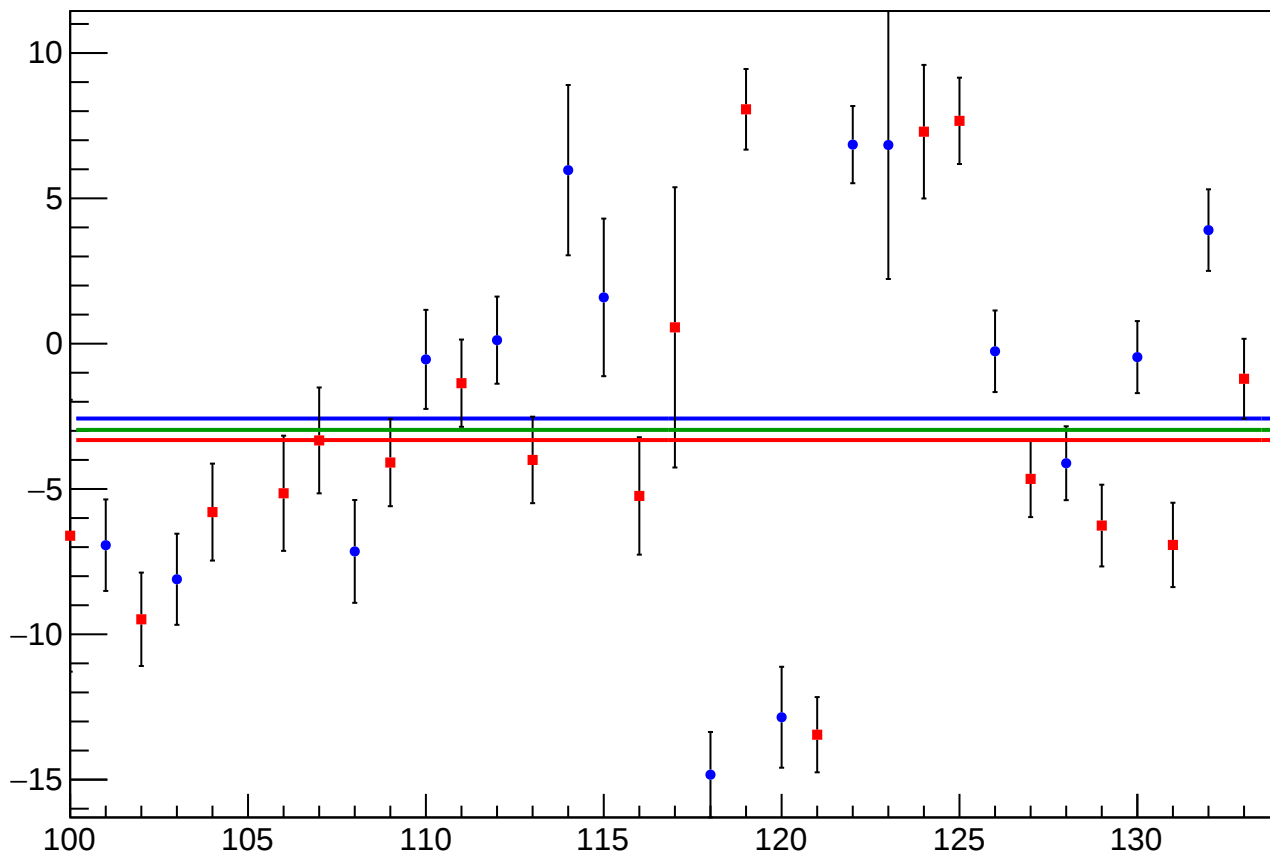
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8411.680+/-2.473 χ^2/NDF : 185507.6/15

8053.274+/-1.644 χ^2/NDF : 750834.4/33

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

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.576 ± 0.405 $\chi^2/\text{NDF}: 230.5/15$

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

Right Out: -3.317 ± 0.383 $\chi^2/\text{NDF}: 240.6/17$

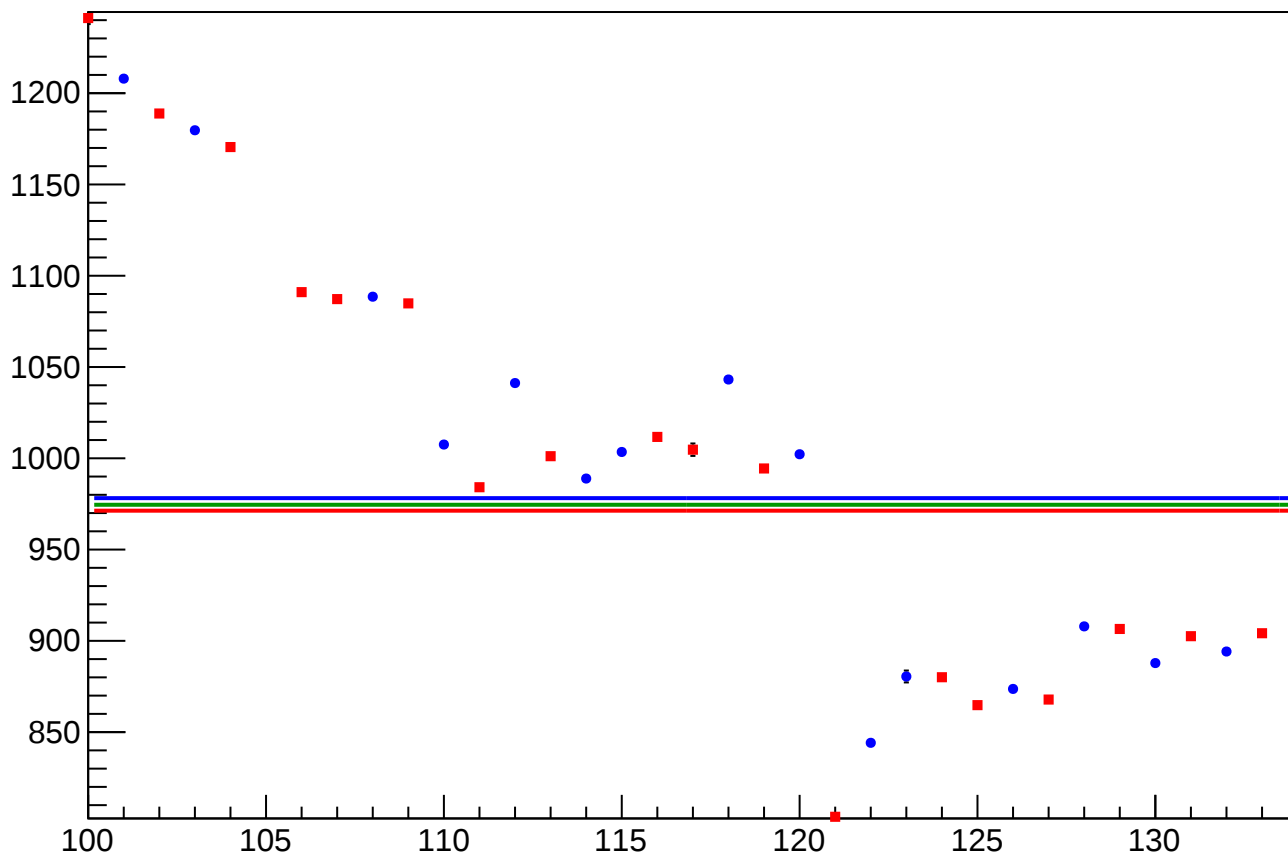
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.576 ± 0.405 $\chi^2/\text{NDF}: 230.5/15$

-2.967 ± 0.278 $\chi^2/\text{NDF}: 472.9/33$

-3.317 ± 0.383 $\chi^2/\text{NDF}: 240.6/17$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 978.173+/-0.286 χ^2/NDF : 149671.3/15

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

Right Out: 971.304+/-0.271 χ^2/NDF : 173975.7/17

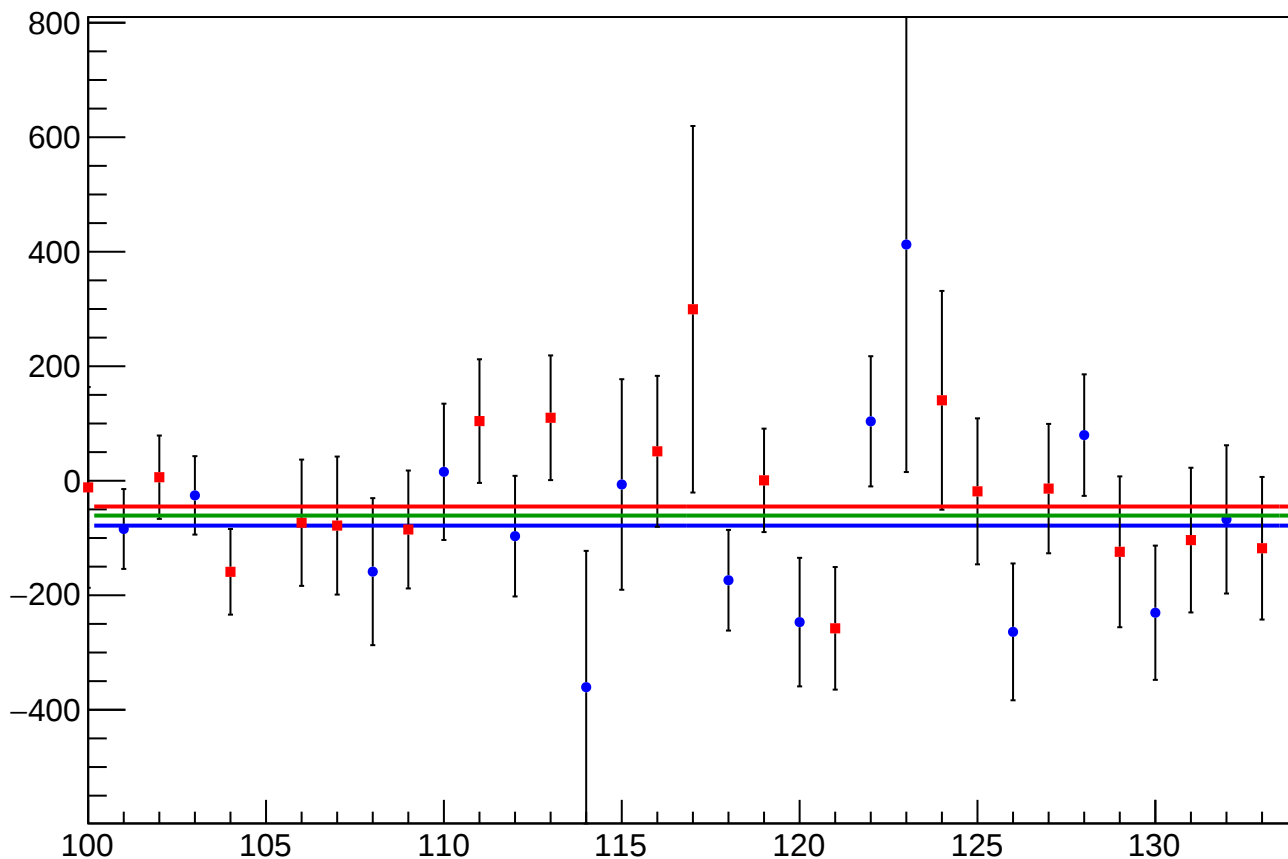
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

978.173+/-0.286 χ^2/NDF : 149671.3/15

974.544+/-0.197 χ^2/NDF : 323950.6/33

971.304+/-0.271 χ^2/NDF : 173975.7/17

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -78.345 $\pm$ 27.721 χ^2 /NDF: 20.8/15

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

Right Out: -44.977 $\pm$ 26.311 χ^2 /NDF: 15.0/17

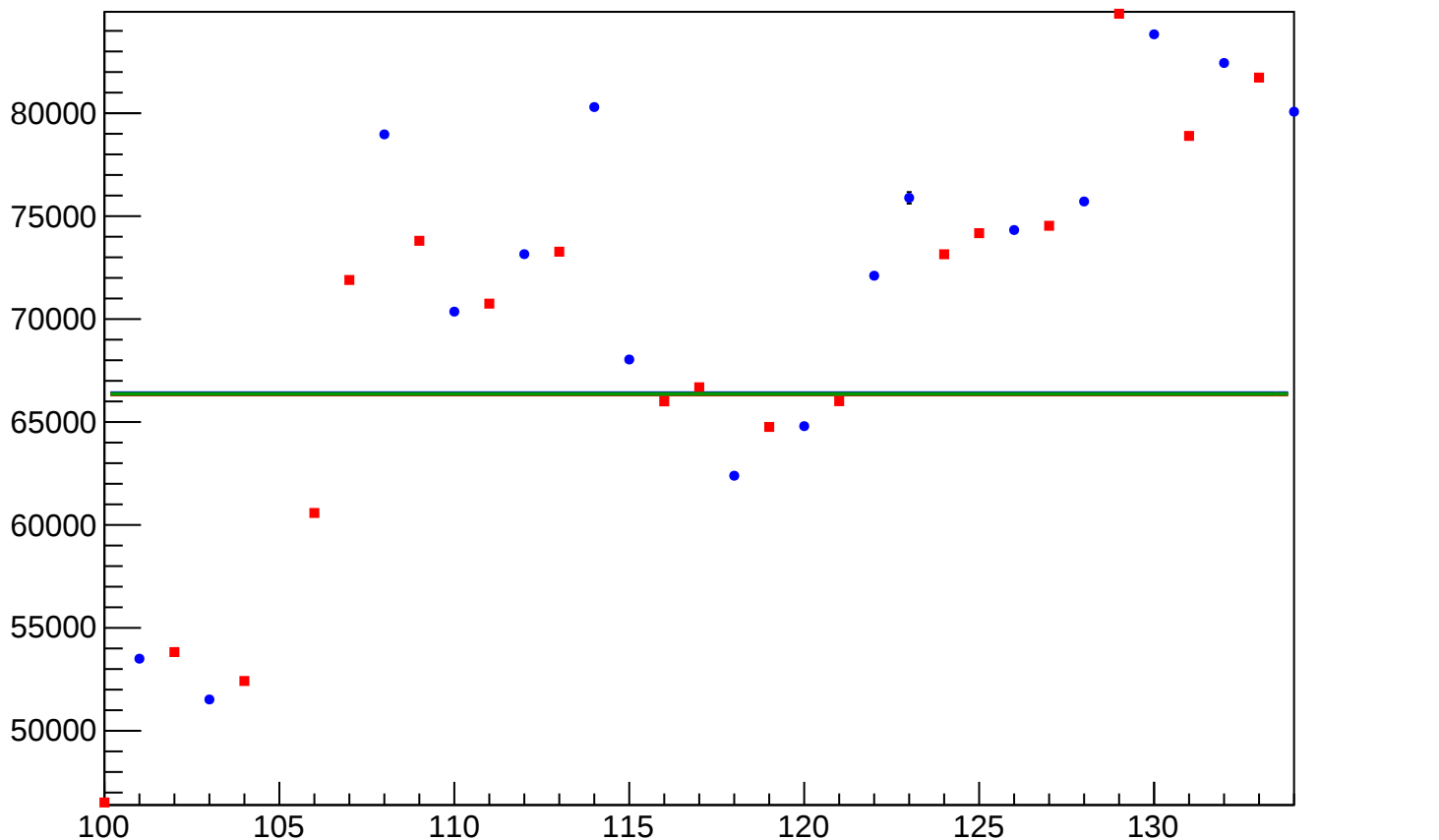
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-78.345 $\pm$ 27.721 χ^2 /NDF: 20.8/15

-60.791 $\pm$ 19.084 χ^2 /NDF: 36.5/33

-44.977 $\pm$ 26.311 χ^2 /NDF: 15.0/17

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 66397.362 $\pm$ 19.602 χ^2 /NDF: 320533.1/15

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

Right Out: 66338.375 $\pm$ 18.605 χ^2 /NDF: 296535.2/17

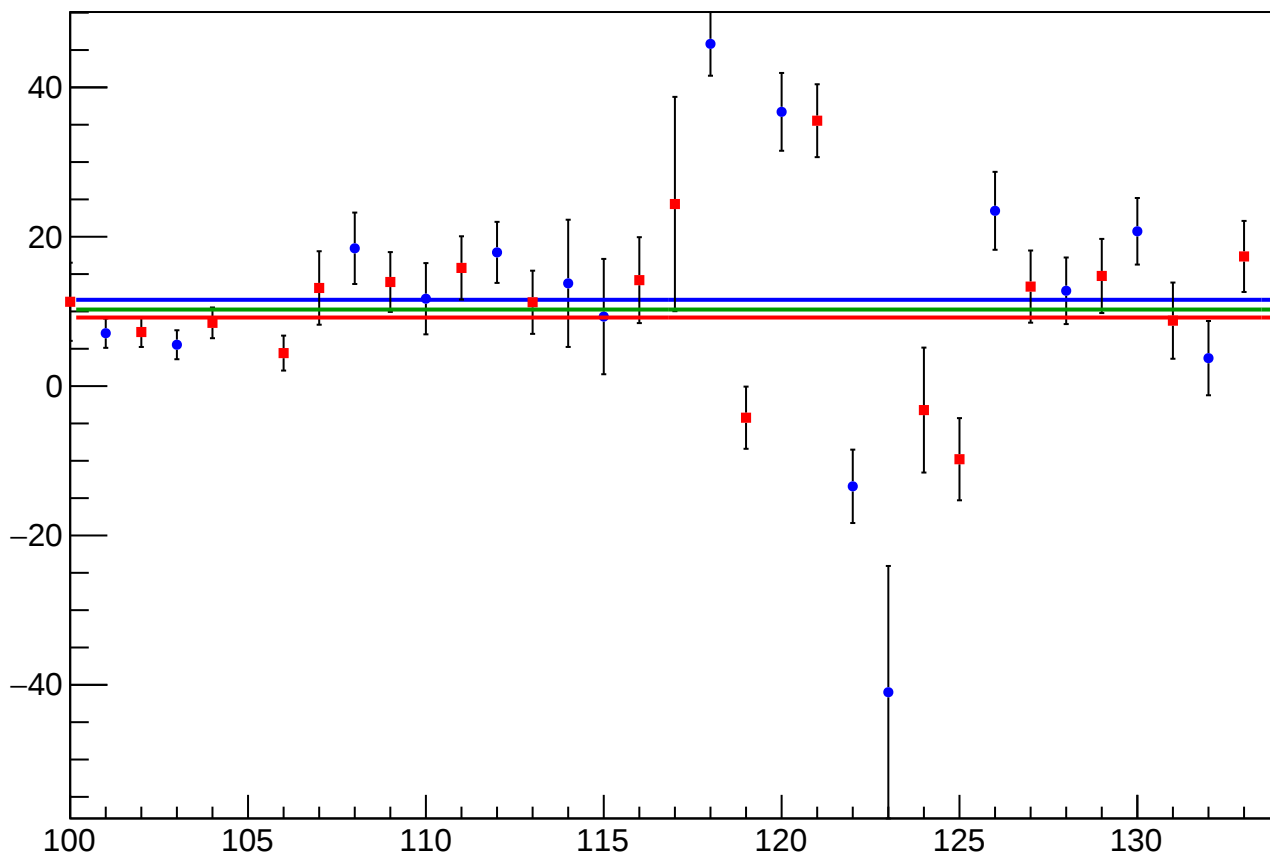
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

66397.362 $\pm$ 19.602 χ^2 /NDF: 320533.1/15

66366.330 $\pm$ 13.494 χ^2 /NDF: 617073.1/3

66338.375 $\pm$ 18.605 χ^2 /NDF: 296535.2/17

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.558 $\pm$ 0.981 χ^2 /NDF: 156.0/15

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

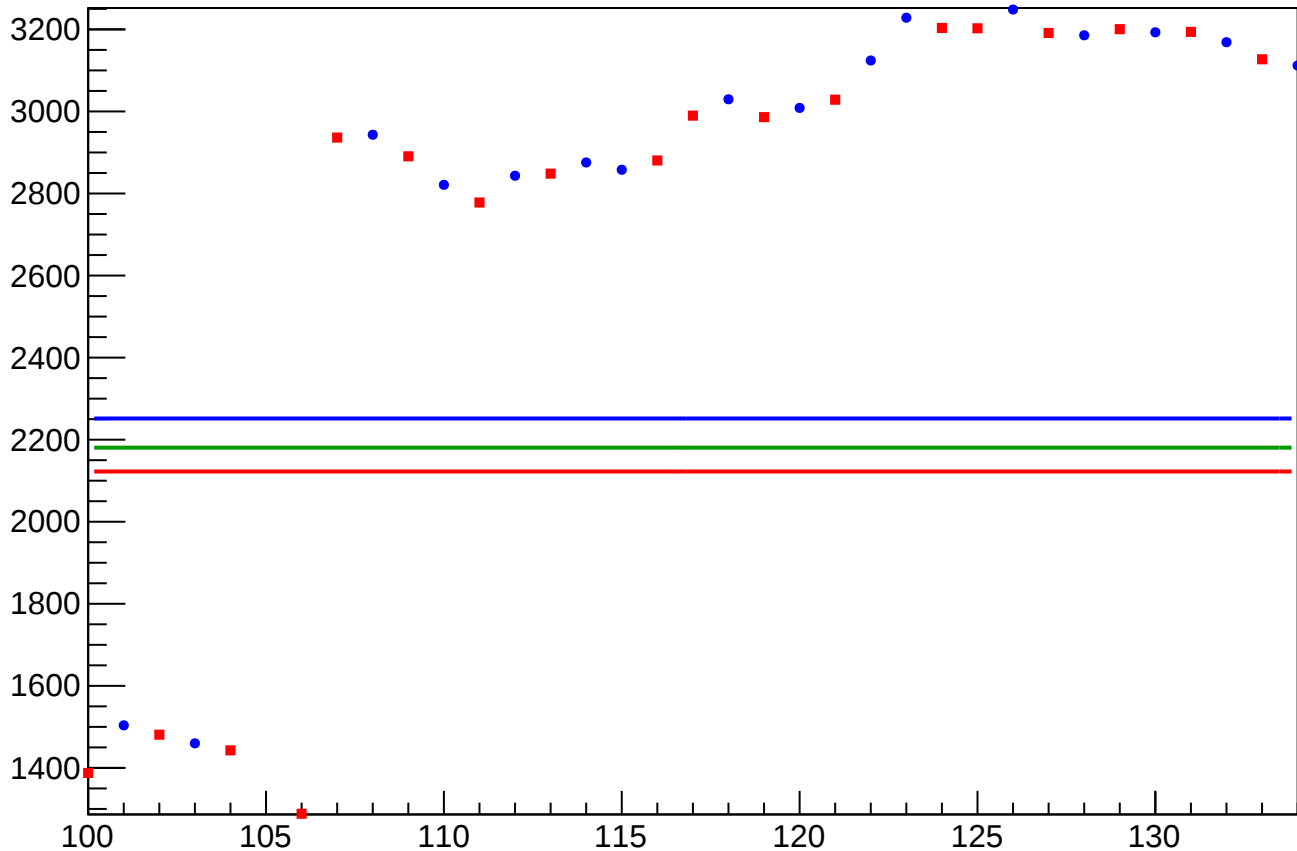
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.558 $\pm$ 0.981 χ^2 /NDF: 156.0/15

10.253 $\pm$ 0.658 χ^2 /NDF: 229.8/33

9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2251.604 $\pm$ 0.694 χ^2 /NDF: 1285656.3/15

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

Right Out: 2122.422 $\pm$ 0.628 χ^2 /NDF: 1629922.7/17

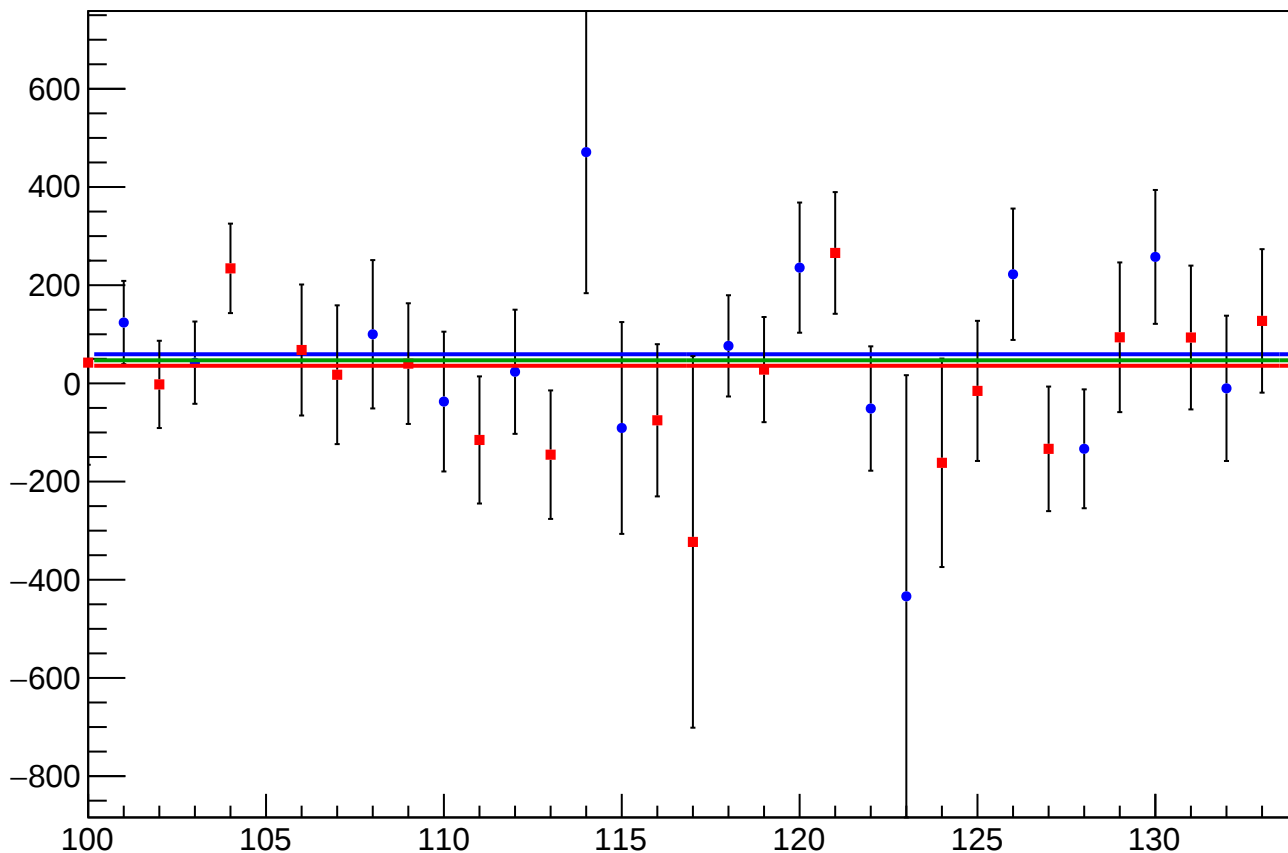
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2251.604 $\pm$ 0.694 χ^2 /NDF: 1285656.3/15

2180.576 $\pm$ 0.466 χ^2 /NDF: 2934638.5/33

2122.422 $\pm$ 0.628 χ^2 /NDF: 1629922.7/17

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 59.318+/-32.720 χ^2/NDF : 17.6/15

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

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

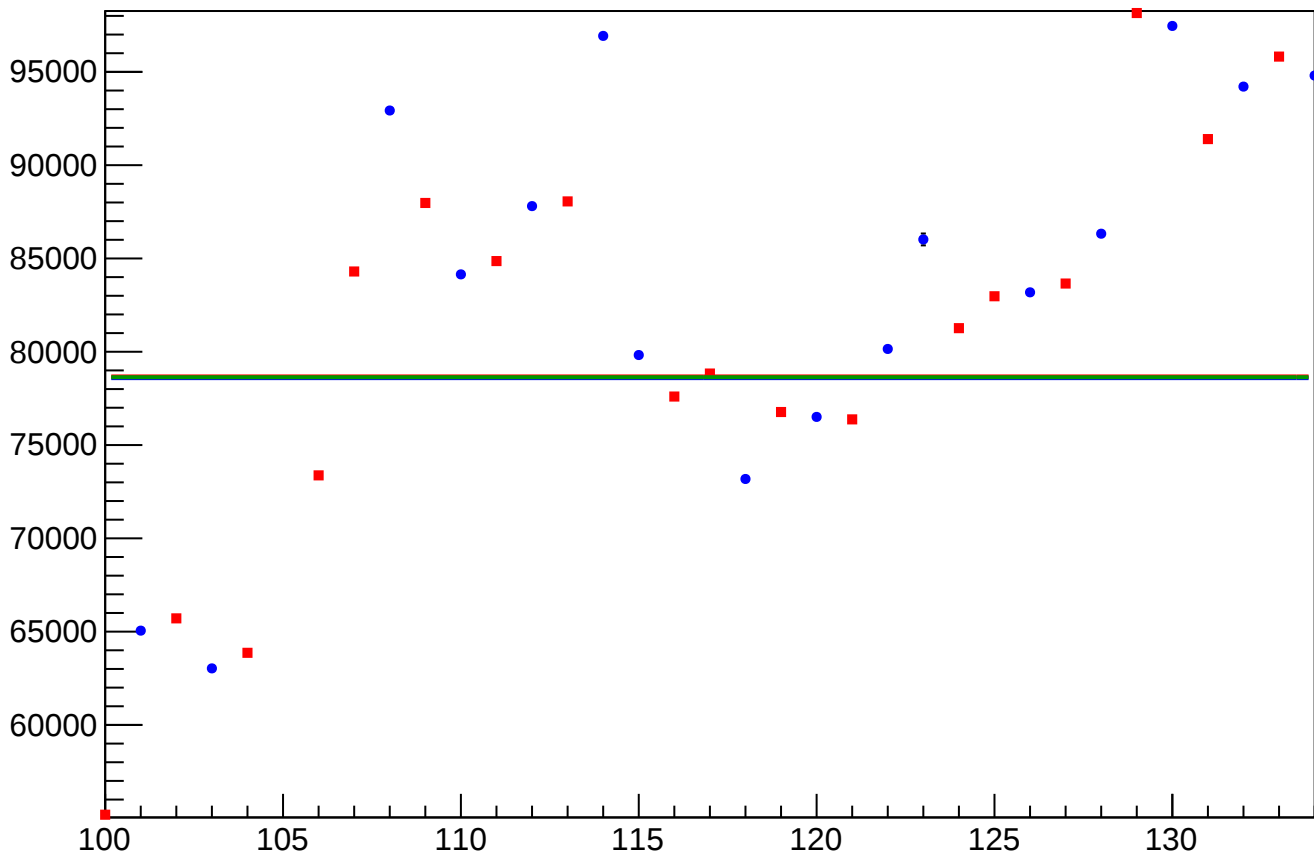
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.318+/-32.720 χ^2/NDF : 17.6/15

47.030+/-22.557 χ^2/NDF : 34.4/33

35.899+/-31.140 χ^2/NDF : 16.6/17

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 78586.953+/-23.136 χ^2/NDF : 249121.2/15

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

78586.953+/-23.136 χ^2/NDF : 249121.2/15

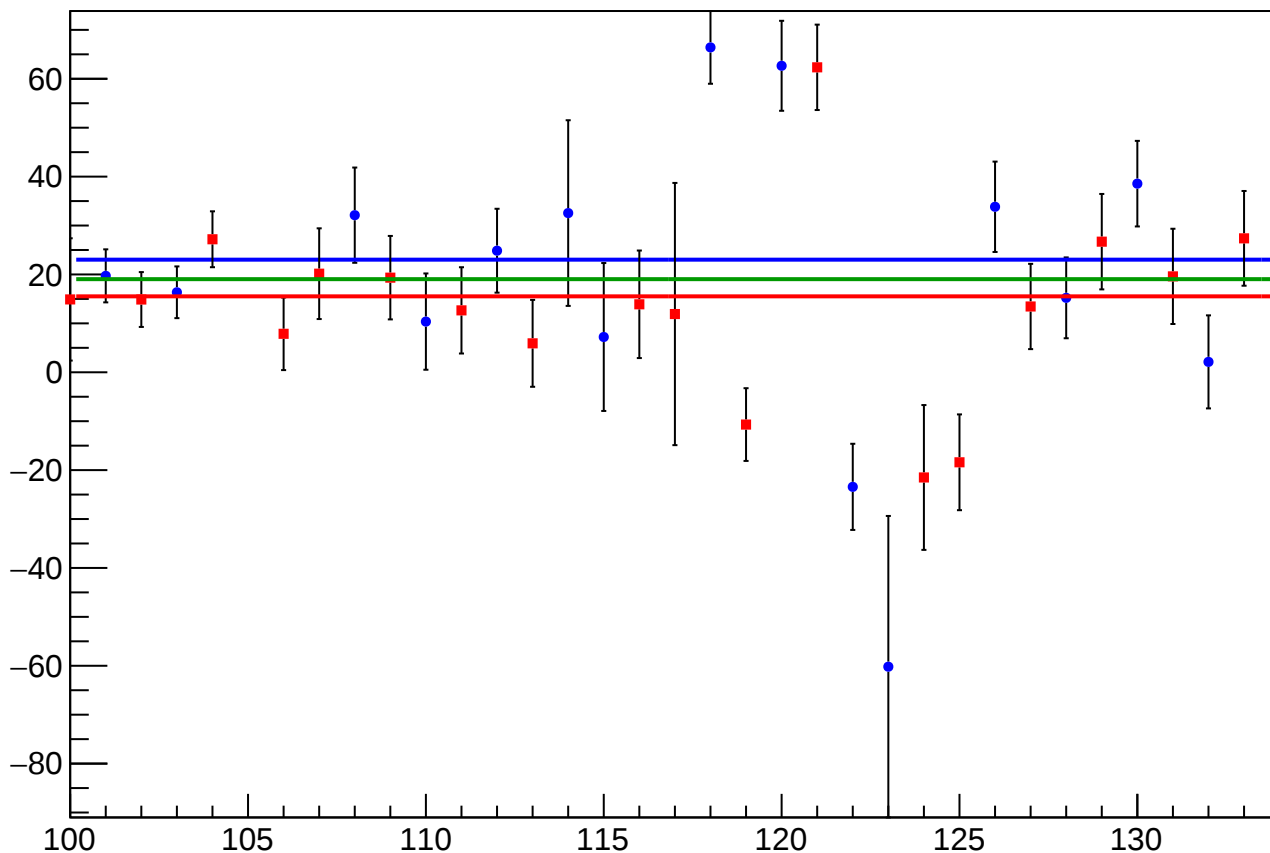
78634.203+/-15.950 χ^2/NDF : 484470.5/3

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

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

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

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 23.023+/-2.180 χ^2 /NDF: 108.5/15

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

Right Out: 15.524+/-2.047 χ^2 /NDF: 69.5/17

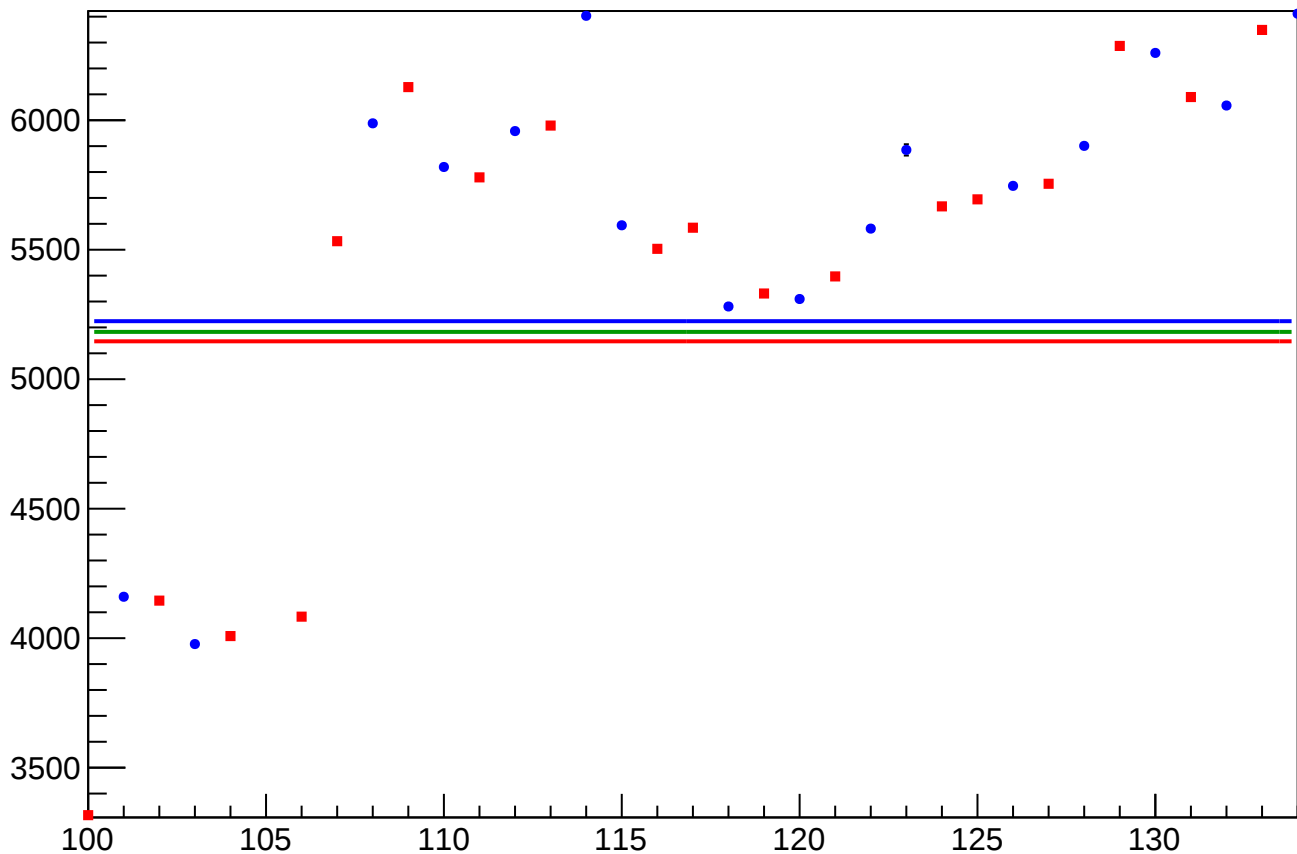
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

23.023+/-2.180 χ^2 /NDF: 108.5/15

19.038+/-1.492 χ^2 /NDF: 184.3/33

15.524+/-2.047 χ^2 /NDF: 69.5/17

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 5224.066 $\pm$ 1.541 χ^2/NDF : 312492.4/15

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

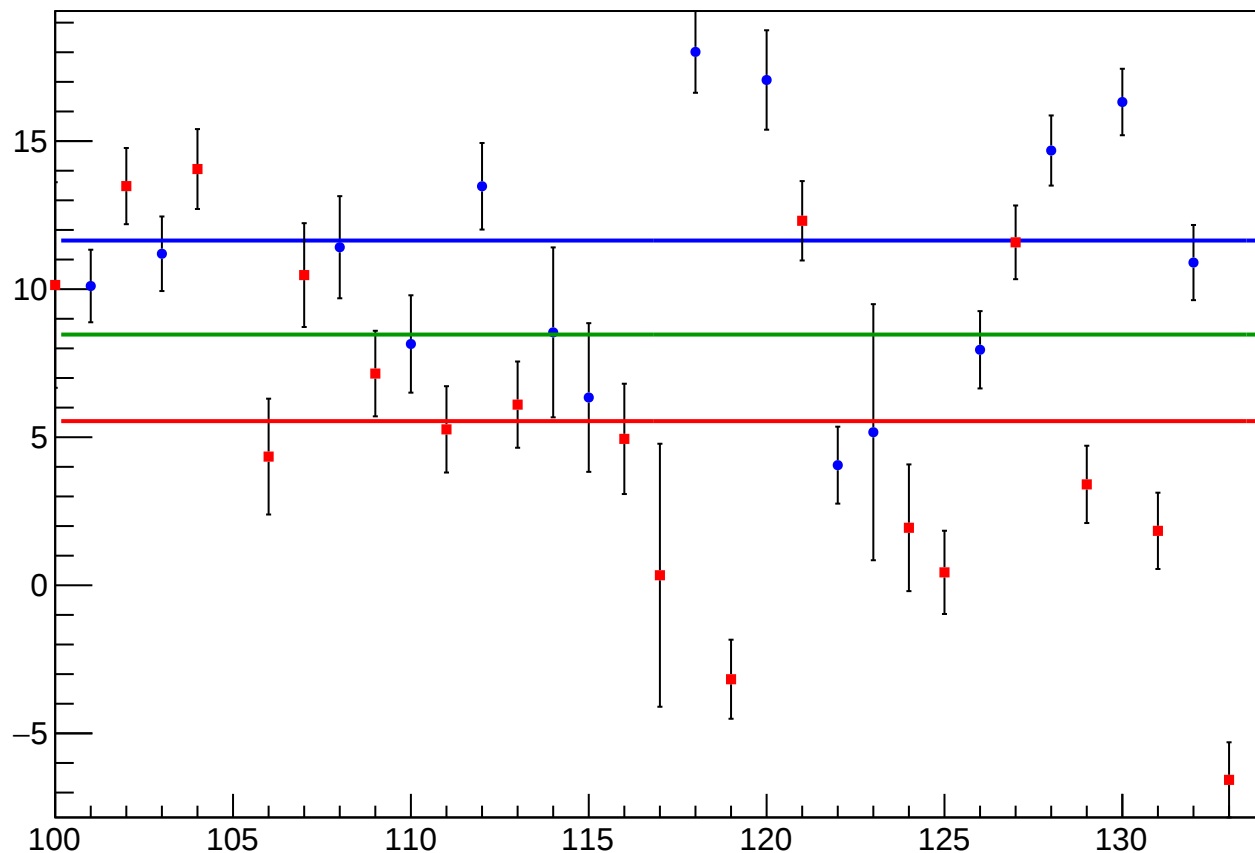
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5224.066 $\pm$ 1.541 χ^2/NDF : 312492.4/15

5182.744 $\pm$ 1.055 χ^2/NDF : 699761.3/33

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

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.642 $\pm$ 0.371 χ^2 /NDF: 115.3/15

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

Right Out: 5.544 $\pm$ 0.356 χ^2 /NDF: 300.5/17

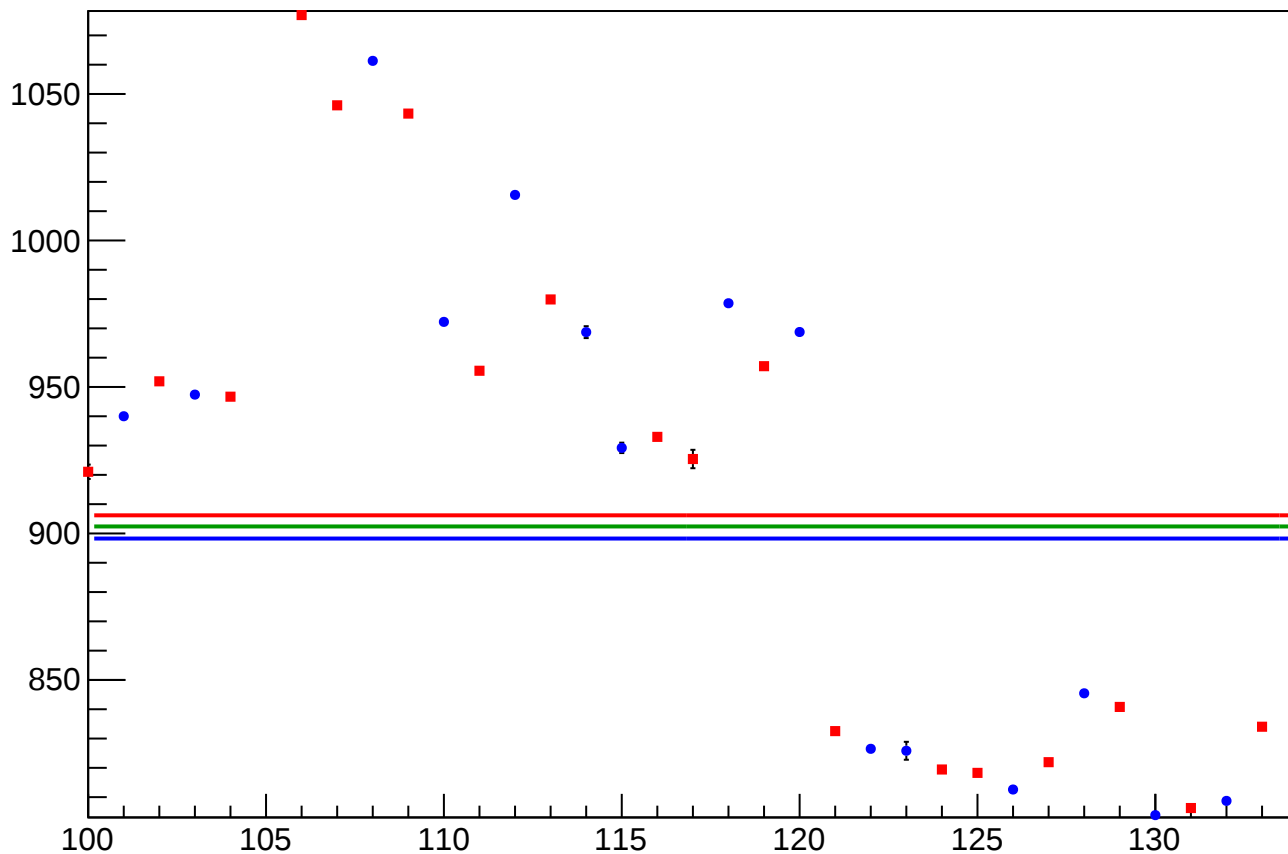
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.642 $\pm$ 0.371 χ^2 /NDF: 115.3/15

8.467 $\pm$ 0.257 χ^2 /NDF: 556.4/33

5.544 $\pm$ 0.356 χ^2 /NDF: 300.5/17

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 898.266 ± 0.262 χ^2/NDF : 96362.5/15

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

Right Out: 906.189 ± 0.252 χ^2/NDF : 110972.0/17

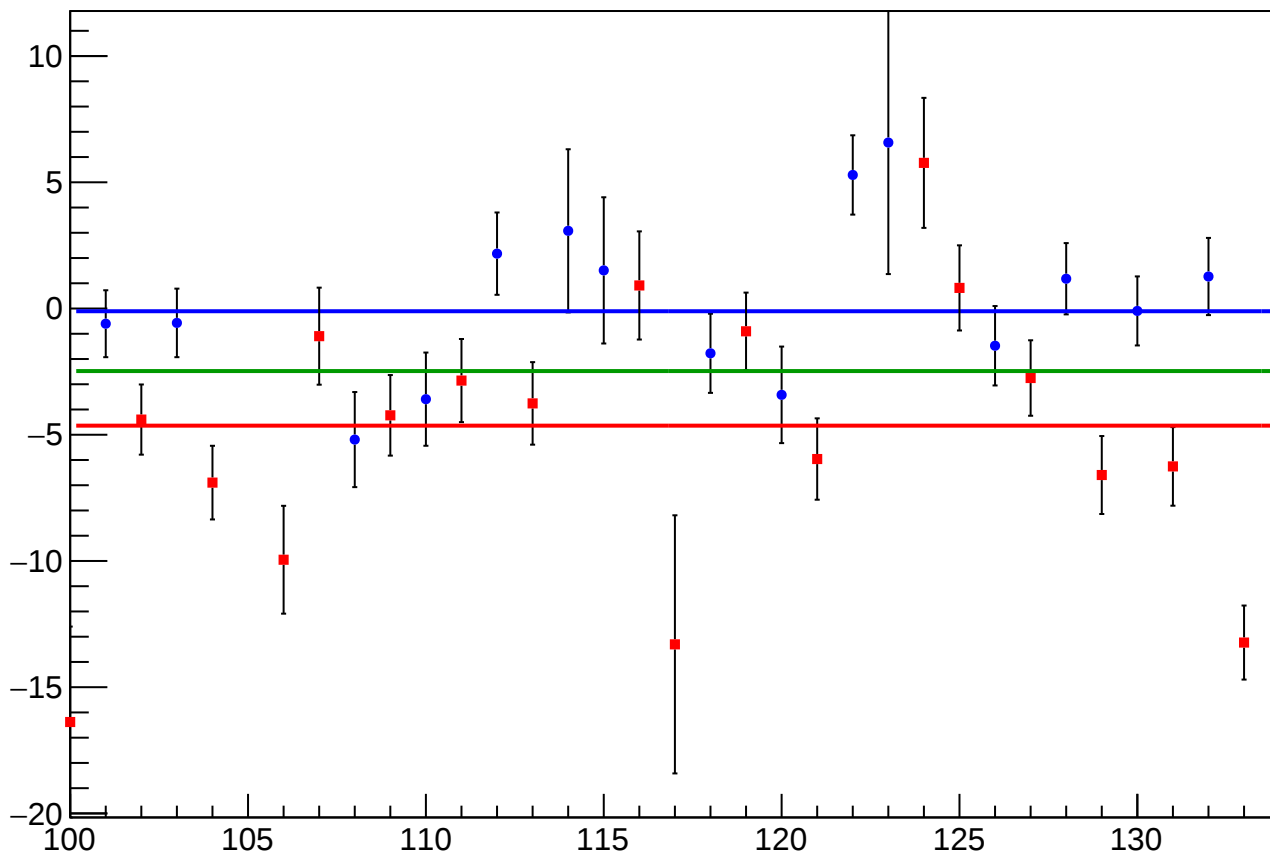
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

898.266 ± 0.262 χ^2/NDF : 96362.5/15

902.391 ± 0.182 χ^2/NDF : 207808.8/33

906.189 ± 0.252 χ^2/NDF : 110972.0/17

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.107 ± 0.428 χ^2/NDF : 34.4/15

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

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

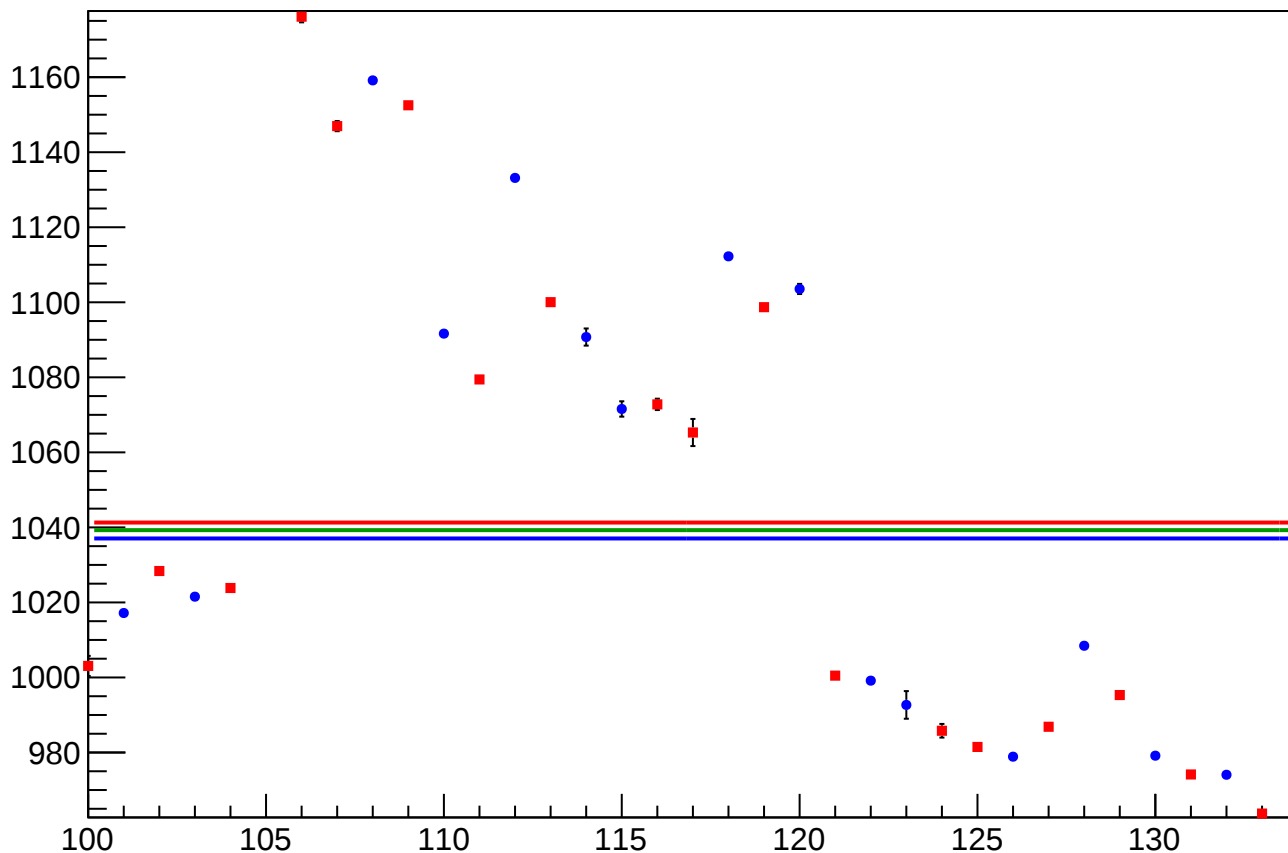
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.107 ± 0.428 χ^2/NDF : 34.4/15

-2.477 ± 0.295 χ^2/NDF : 197.9/33

-4.640 ± 0.408 χ^2/NDF : 104.8/17

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1037.048 $\pm$ 0.302 χ^2/NDF : 38964.8/15

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

Right Out: 1041.292 $\pm$ 0.289 χ^2/NDF : 49798.9/17

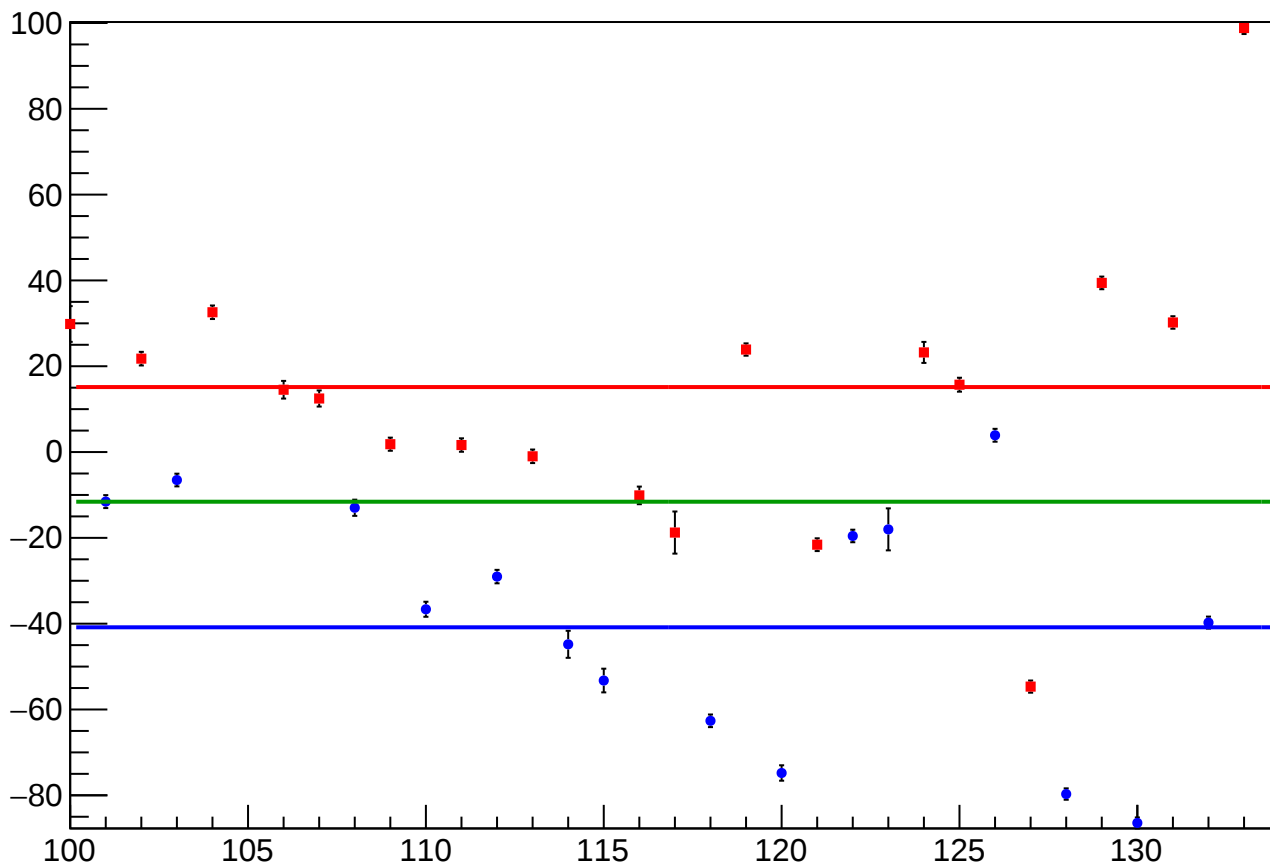
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1037.048 $\pm$ 0.302 χ^2/NDF : 38964.8/15

1039.267 $\pm$ 0.209 χ^2/NDF : 88866.8/33

1041.292 $\pm$ 0.289 χ^2/NDF : 49798.9/17

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -40.846 ± 0.417 χ^2/NDF : 5040.3/15

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

Right Out: 15.147 ± 0.398 χ^2/NDF : 7637.7/17

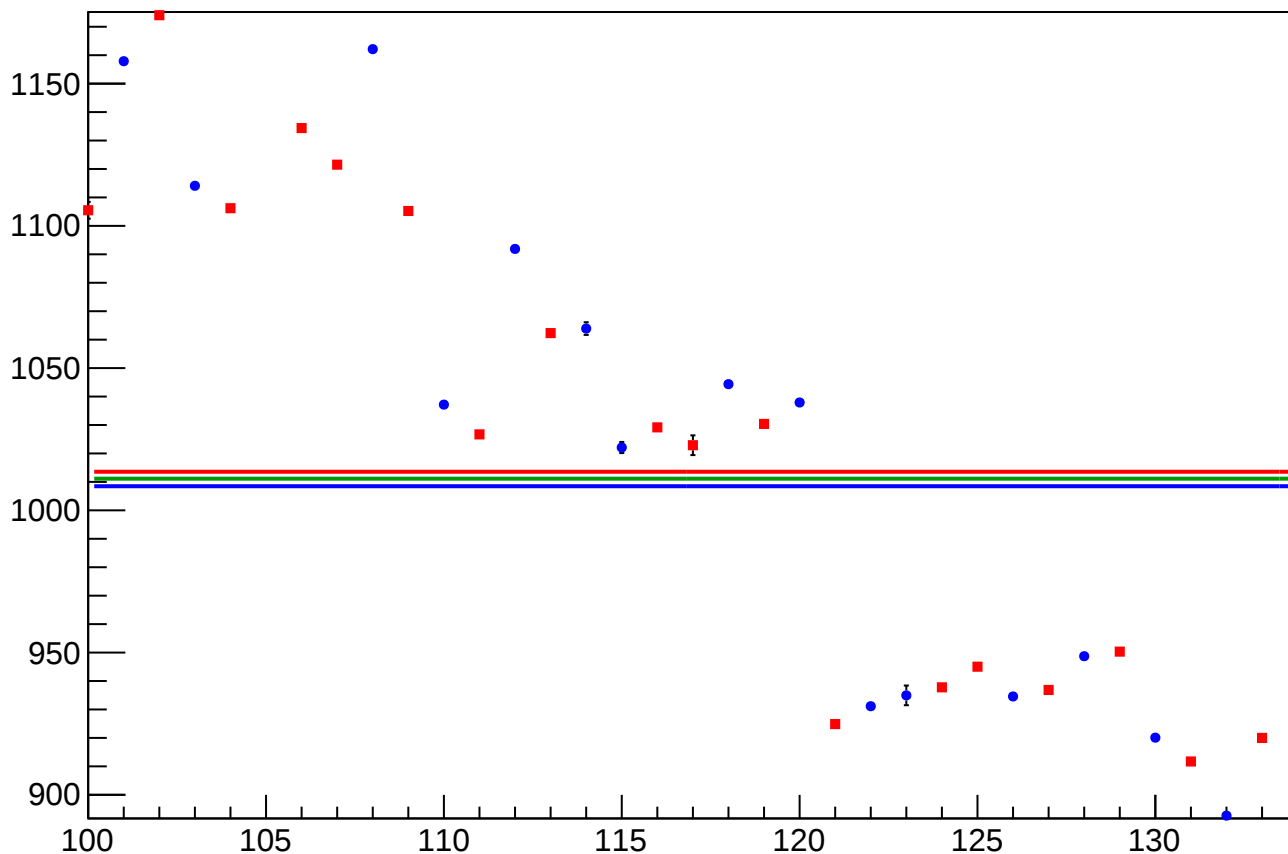
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.846 ± 0.417 χ^2/NDF : 5040.3/15

-11.576 ± 0.288 χ^2/NDF : 22118.5/33

15.147 ± 0.398 χ^2/NDF : 7637.7/17

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1008.474 $\pm$ 0.295 χ^2/NDF : 91620.1/15

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

Right Out: 1013.570 $\pm$ 0.282 χ^2/NDF : 92232.3/17

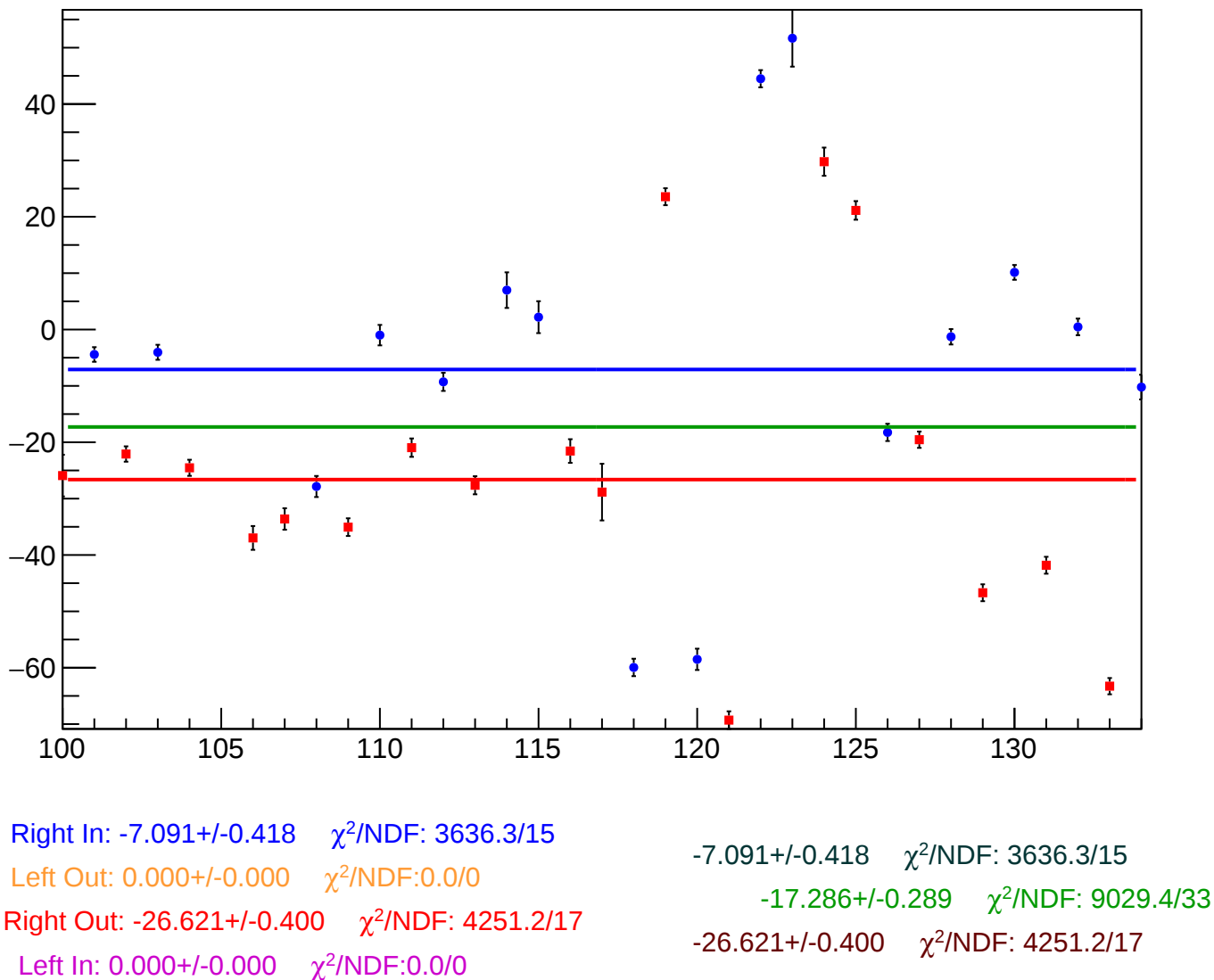
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1008.474 $\pm$ 0.295 χ^2/NDF : 91620.1/15

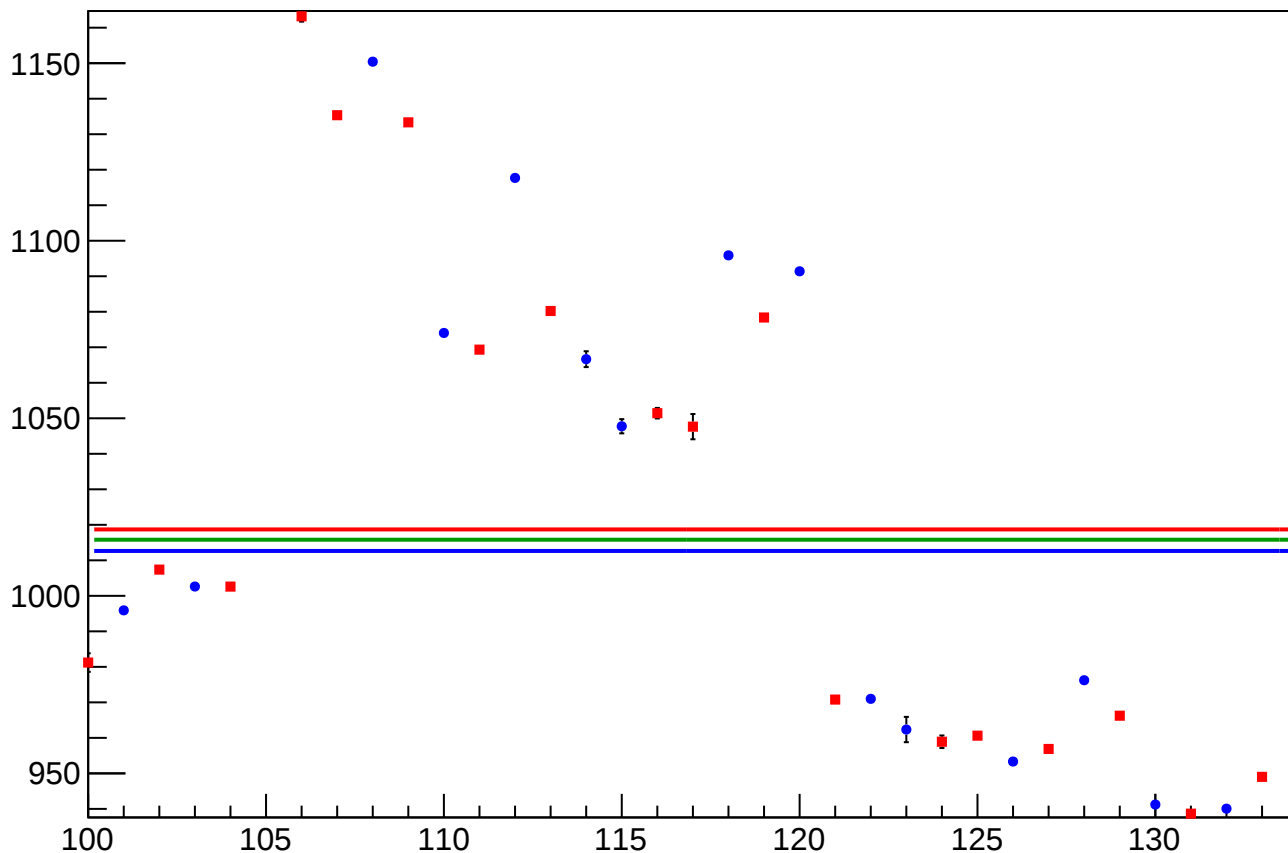
1011.138 $\pm$ 0.204 χ^2/NDF : 184008.8/33

1013.570 $\pm$ 0.282 χ^2/NDF : 92232.3/17

diff_bpm2i02Y_mean vs Slug, Sign Corrected



diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1012.640+/-0.295 χ^2/NDF : 50206.1/15

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

Right Out: 1018.704+/-0.283 χ^2/NDF : 58663.6/17

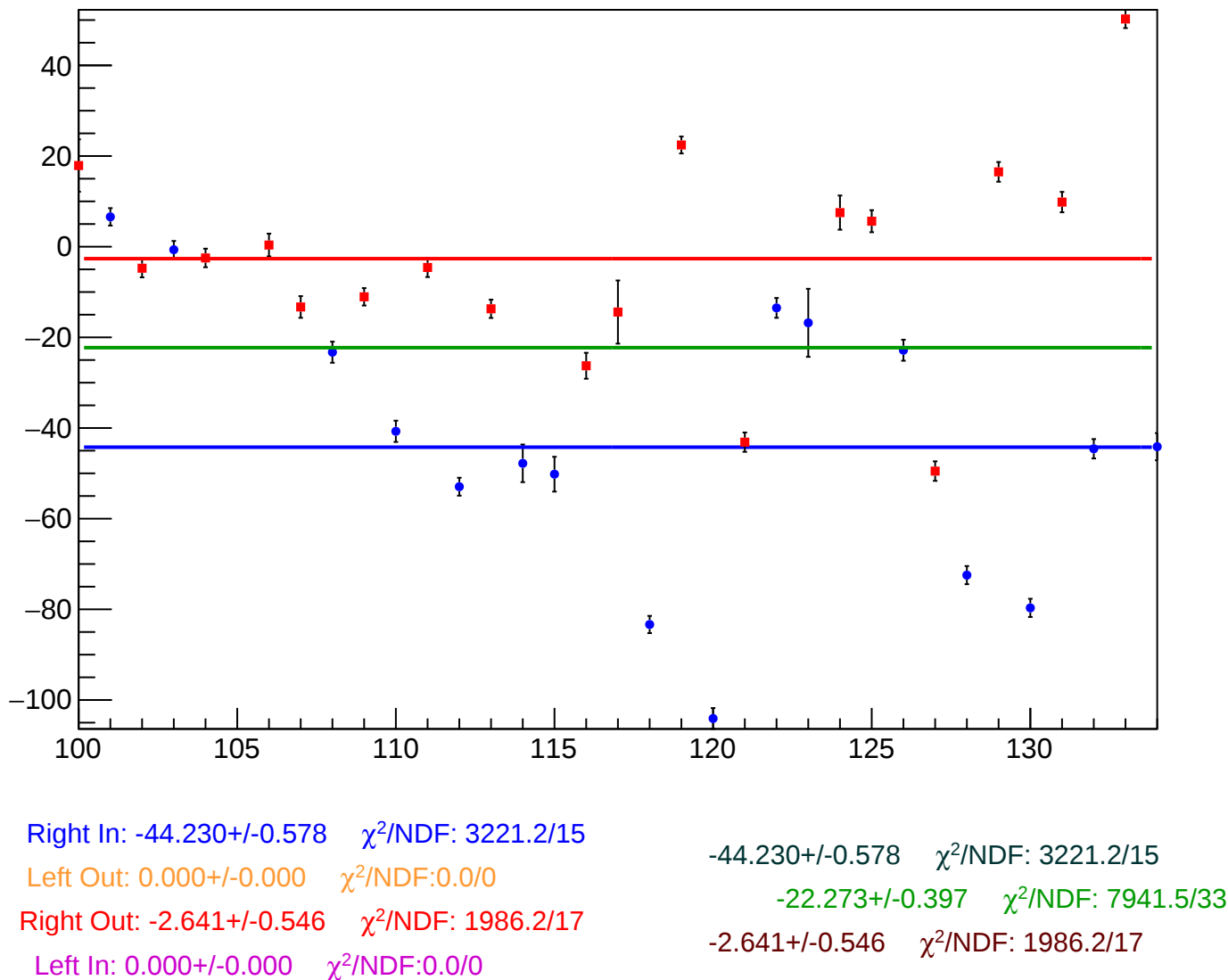
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1012.640+/-0.295 χ^2/NDF : 50206.1/15

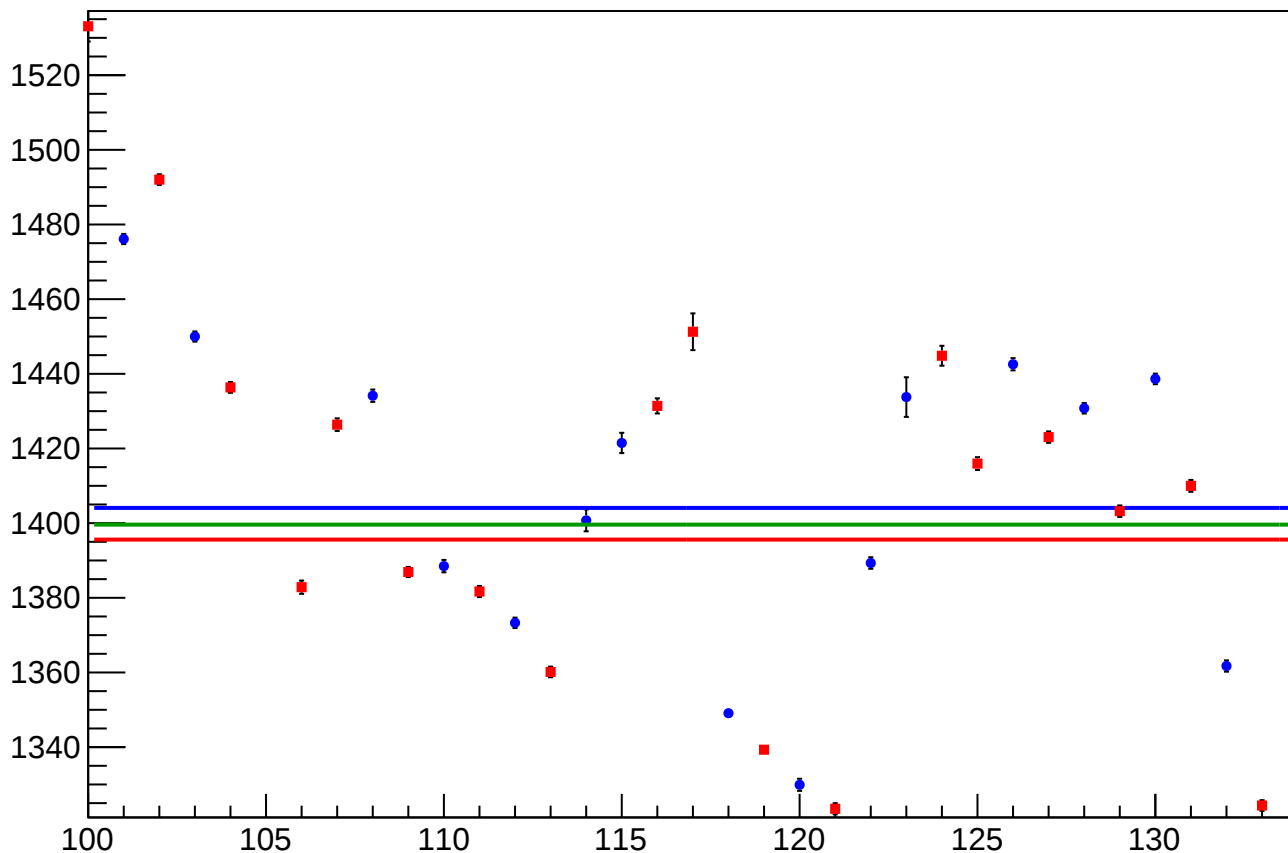
1015.806+/-0.204 χ^2/NDF : 109089.9/33

1018.704+/-0.283 χ^2/NDF : 58663.6/17

diff_bpm0i02X_mean vs Slug, Sign Corrected



diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1404.083 ± 0.409 χ^2/NDF : 12491.5/15

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

Right Out: 1395.597 ± 0.386 χ^2/NDF : 15583.7/17

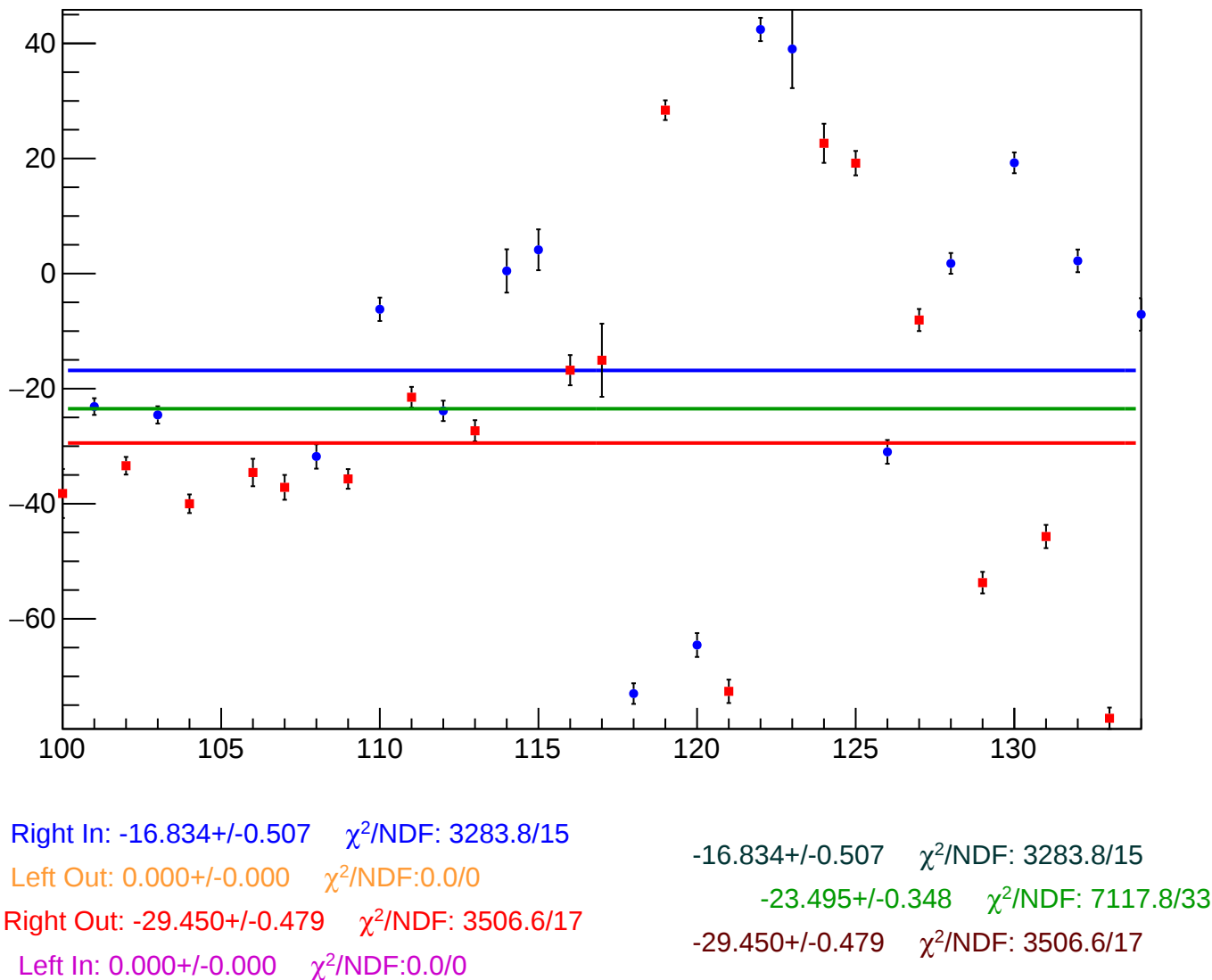
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1404.083 ± 0.409 χ^2/NDF : 12491.5/15

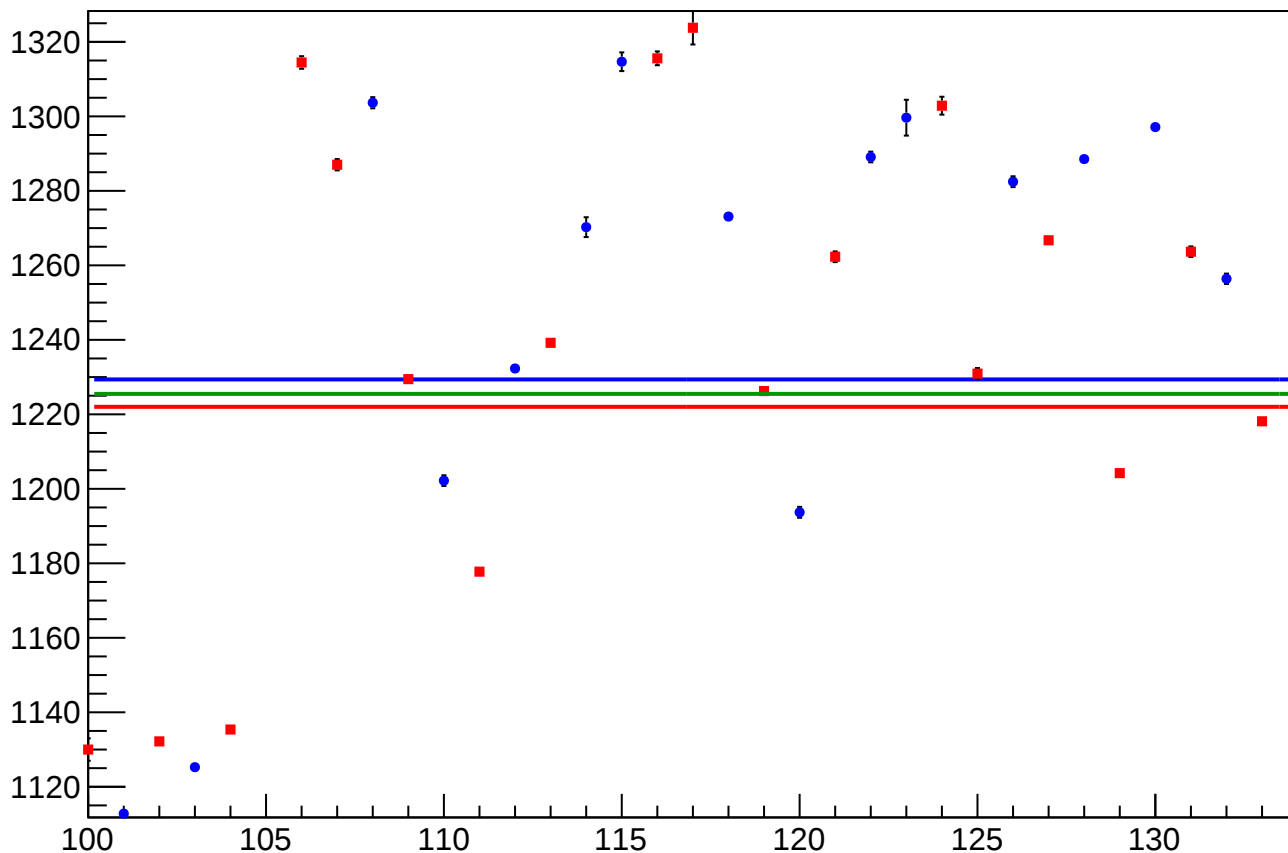
1399.603 ± 0.281 χ^2/NDF : 28302.9/33

1395.597 ± 0.386 χ^2/NDF : 15583.7/17

diff_bpm0i02Y_mean vs Slug, Sign Corrected



diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1229.371 ± 0.358 χ^2/NDF : 37270.7/15

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

Right Out: 1222.019 ± 0.339 χ^2/NDF : 26941.9/17

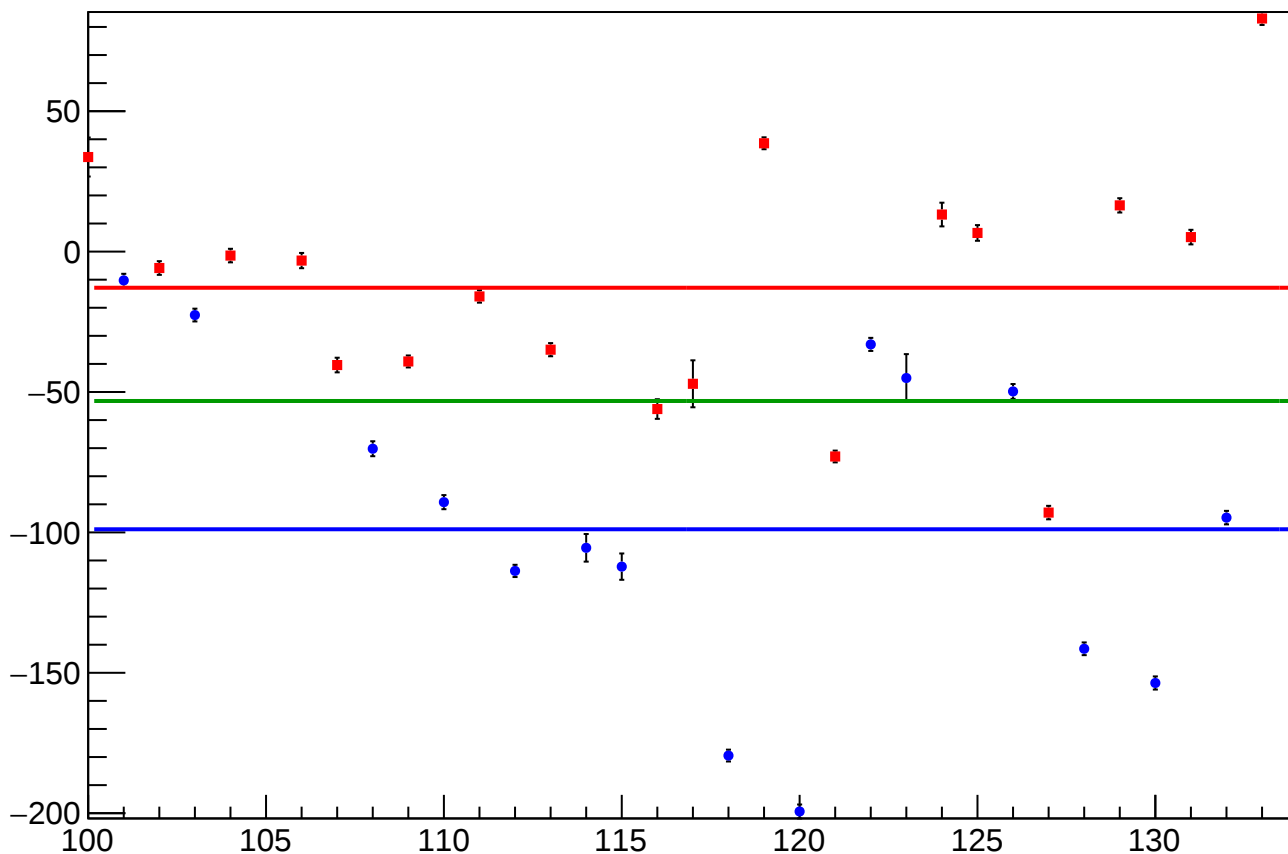
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1229.371 ± 0.358 χ^2/NDF : 37270.7/15

1225.489 ± 0.246 χ^2/NDF : 64434.9/33

1222.019 ± 0.339 χ^2/NDF : 26941.9/17

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.886 ± 0.655 $\chi^2/\text{NDF}: 7914.2/15$

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

Right Out: -12.873 ± 0.615 $\chi^2/\text{NDF}: 5121.7/17$

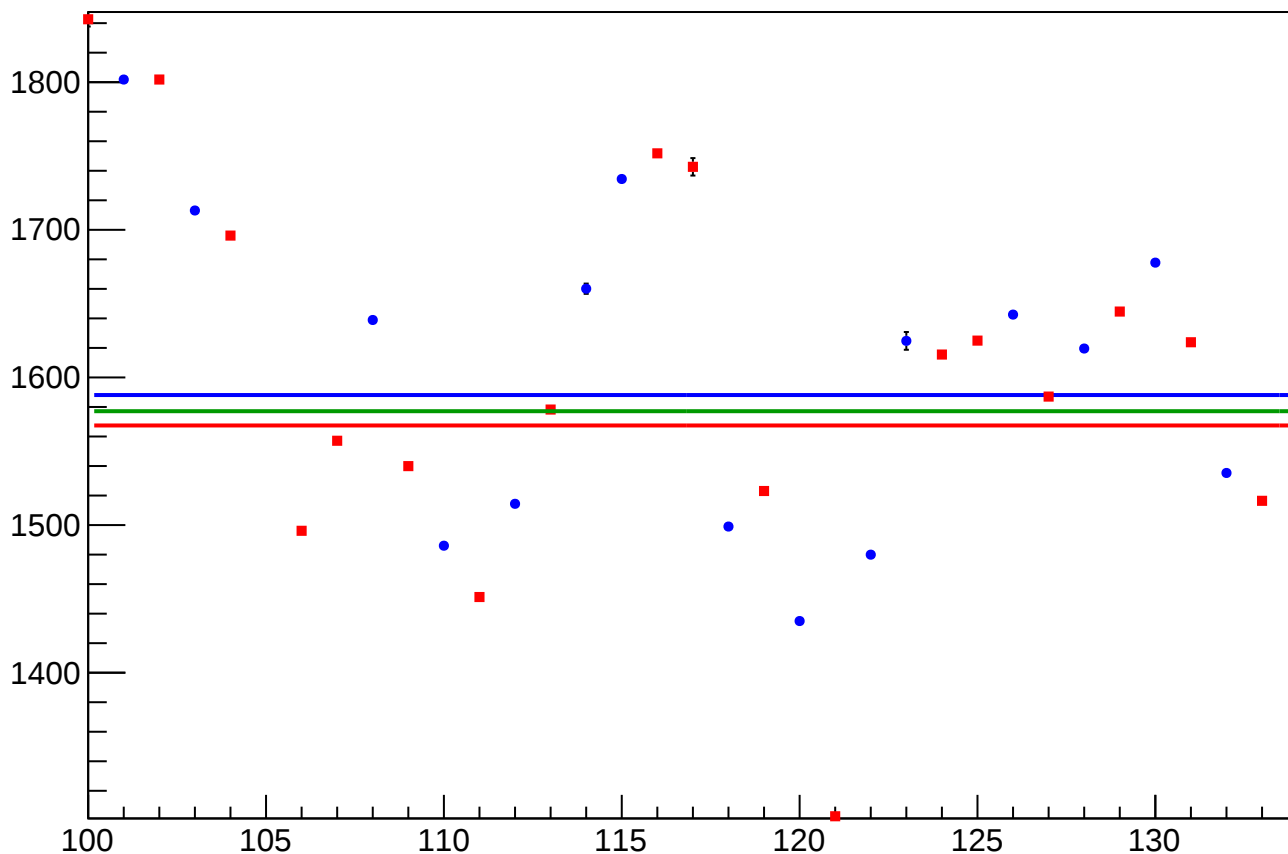
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-98.886 ± 0.655 $\chi^2/\text{NDF}: 7914.2/15$

-53.202 ± 0.449 $\chi^2/\text{NDF}: 22194.9/33$

-12.873 ± 0.615 $\chi^2/\text{NDF}: 5121.7/17$

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1588.086 $\pm$ 0.463 χ^2 /NDF: 52520.1/15

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

Right Out: 1567.470 $\pm$ 0.435 χ^2 /NDF: 78701.4/17

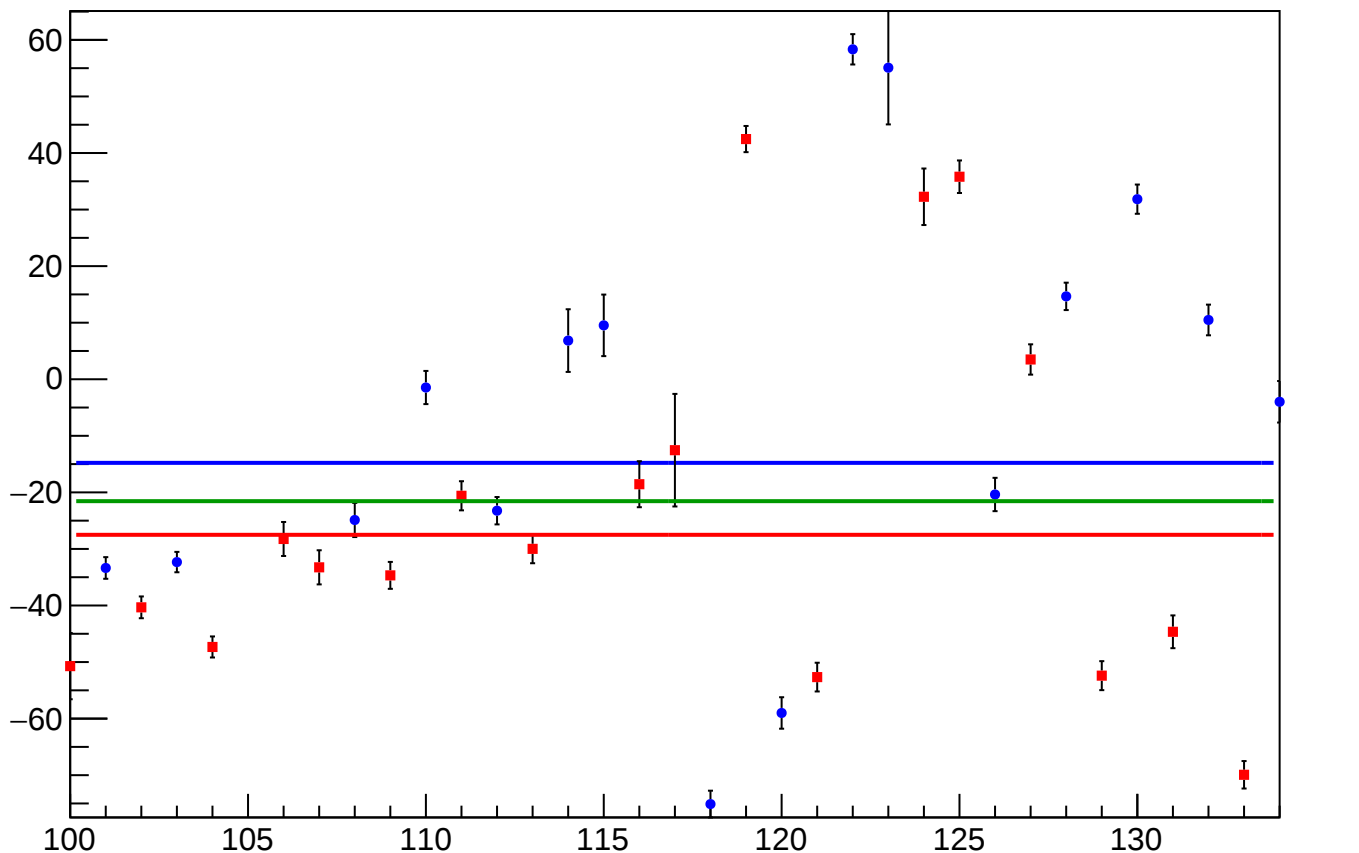
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1588.086 $\pm$ 0.463 χ^2 /NDF: 52520.1/15

1577.136 $\pm$ 0.317 χ^2 /NDF: 132273.8/33

1567.470 $\pm$ 0.435 χ^2 /NDF: 78701.4/17

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -14.781+/-0.683 χ^2/NDF : 2533.8/15

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

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

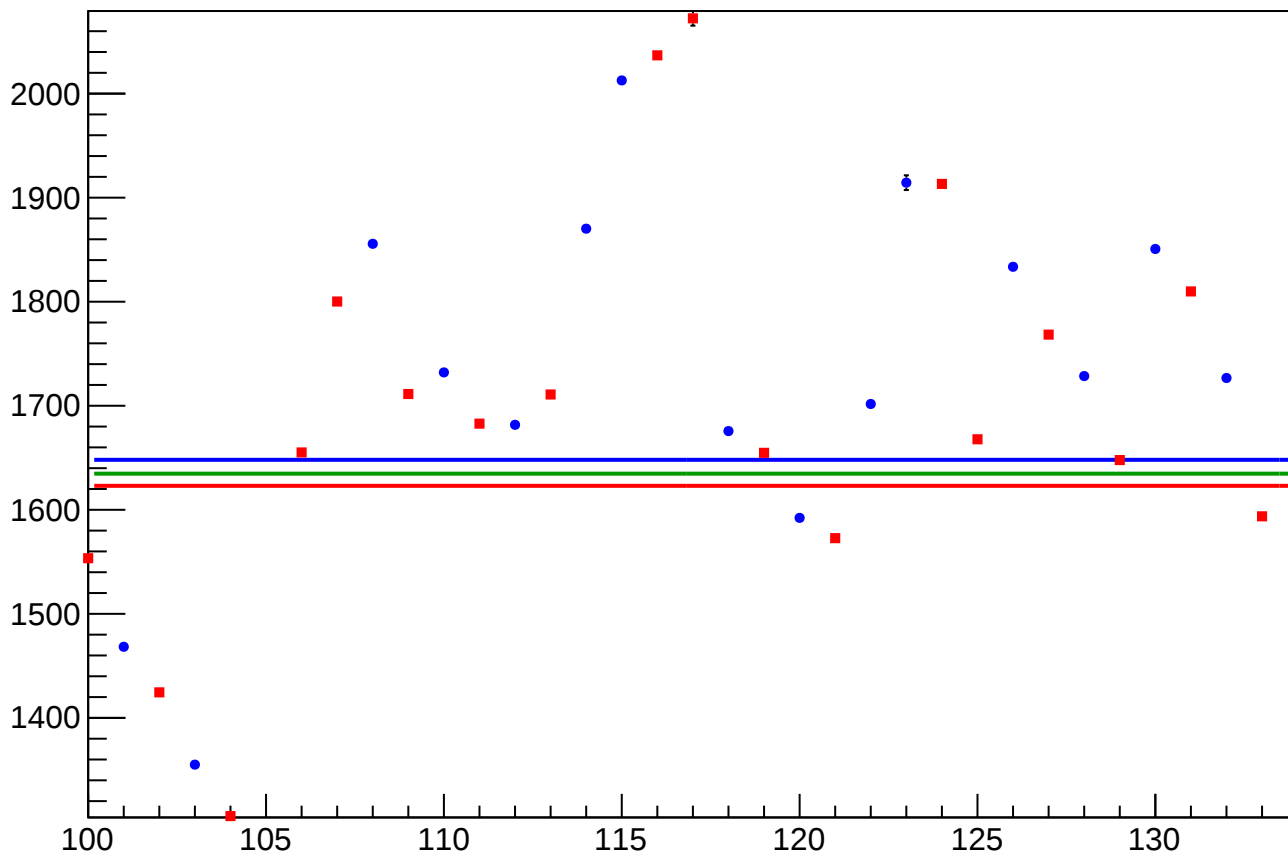
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.781+/-0.683 χ^2/NDF : 2533.8/15

-21.553+/-0.467 χ^2/NDF : 5127.9/33

-27.503+/-0.640 χ^2/NDF : 2409.2/17

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1648.043 $\pm$ 0.483 χ^2 /NDF: 121792.0/15

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

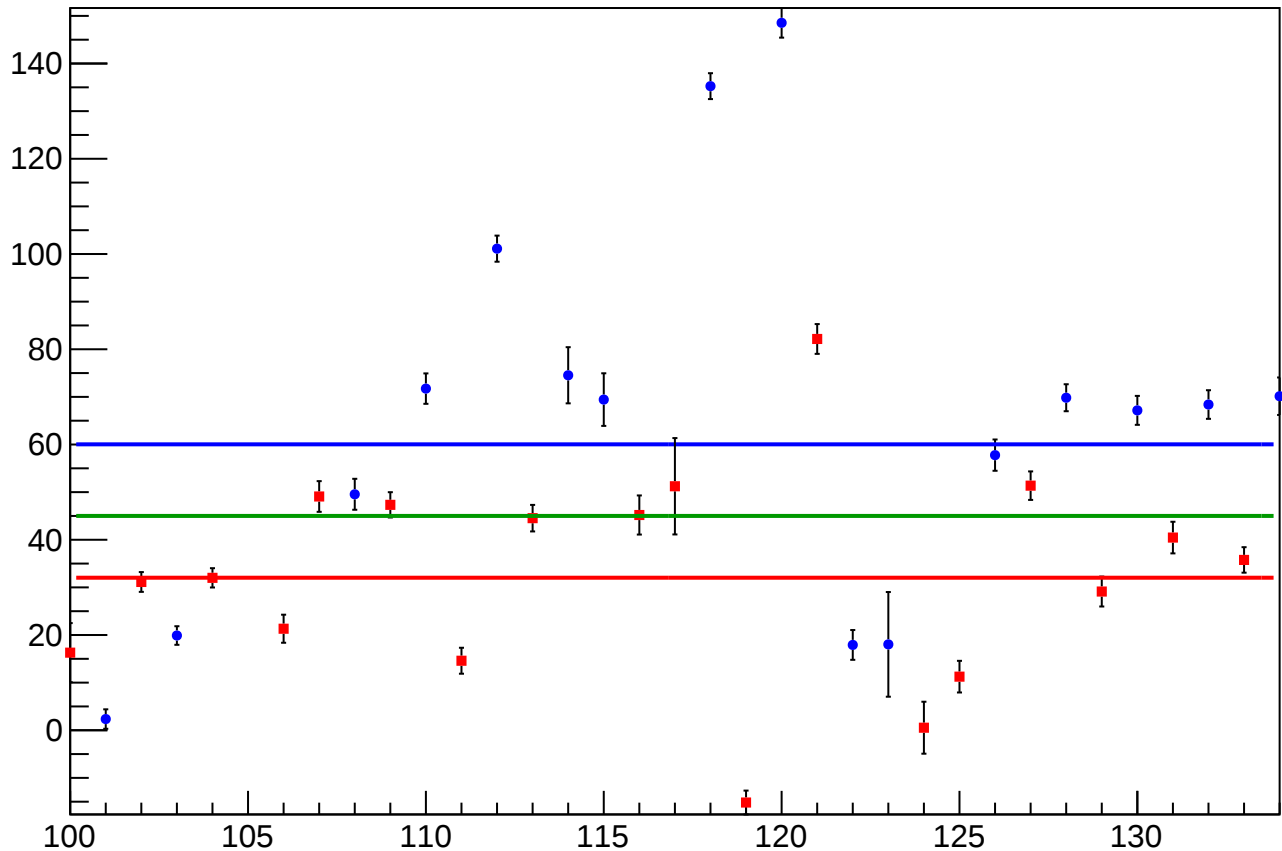
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1648.043 $\pm$ 0.483 χ^2 /NDF: 121792.0/15

1634.735 $\pm$ 0.330 χ^2 /NDF: 264094.3/33

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

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 60.037+/-0.758 χ^2/NDF : 3282.9/15

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

Right Out: 32.030+/-0.704 χ^2/NDF : 891.4/17

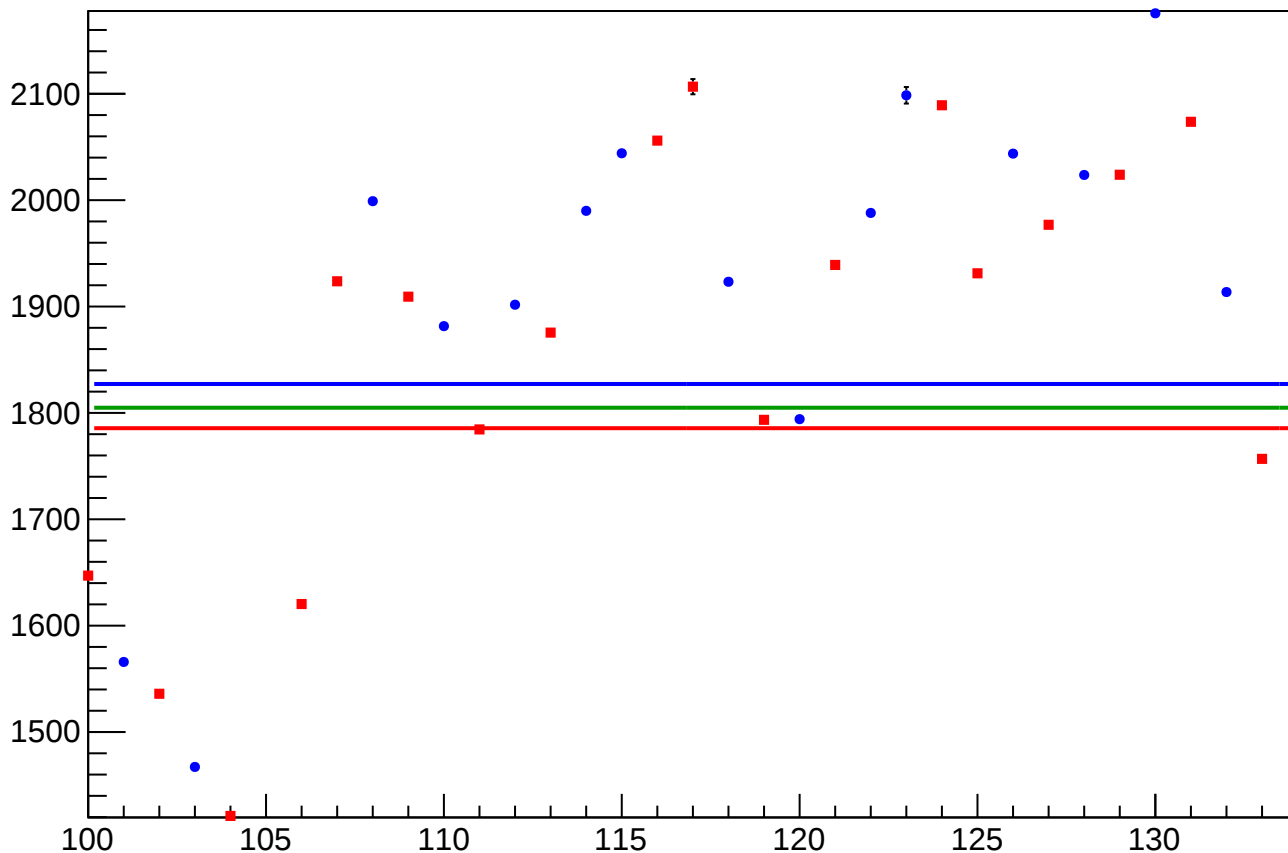
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

60.037+/-0.758 χ^2/NDF : 3282.9/15

45.005+/-0.516 χ^2/NDF : 4907.0/33

32.030+/-0.704 χ^2/NDF : 891.4/17

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1827.185 $\pm$ 0.536 χ^2 /NDF: 169819.2/15

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

Right Out: 1785.630 $\pm$ 0.498 χ^2 /NDF: 171517.3/17

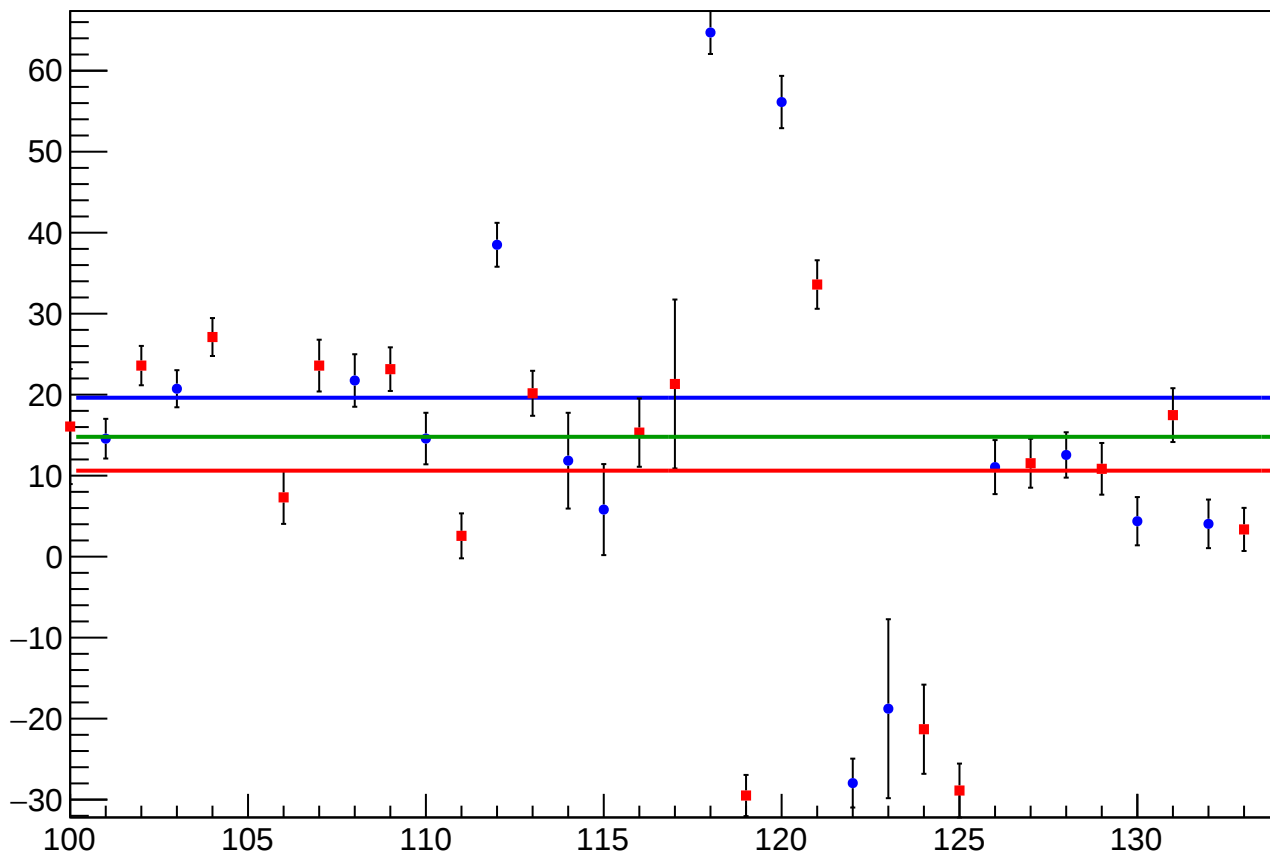
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1827.185 $\pm$ 0.536 χ^2 /NDF: 169819.2/15

1804.882 $\pm$ 0.365 χ^2 /NDF: 344562.4/33

1785.630 $\pm$ 0.498 χ^2 /NDF: 171517.3/17

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 19.622+/-0.789 χ^2 /NDF: 808.2/15

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

Right Out: 10.617+/-0.734 χ^2 /NDF: 634.8/17

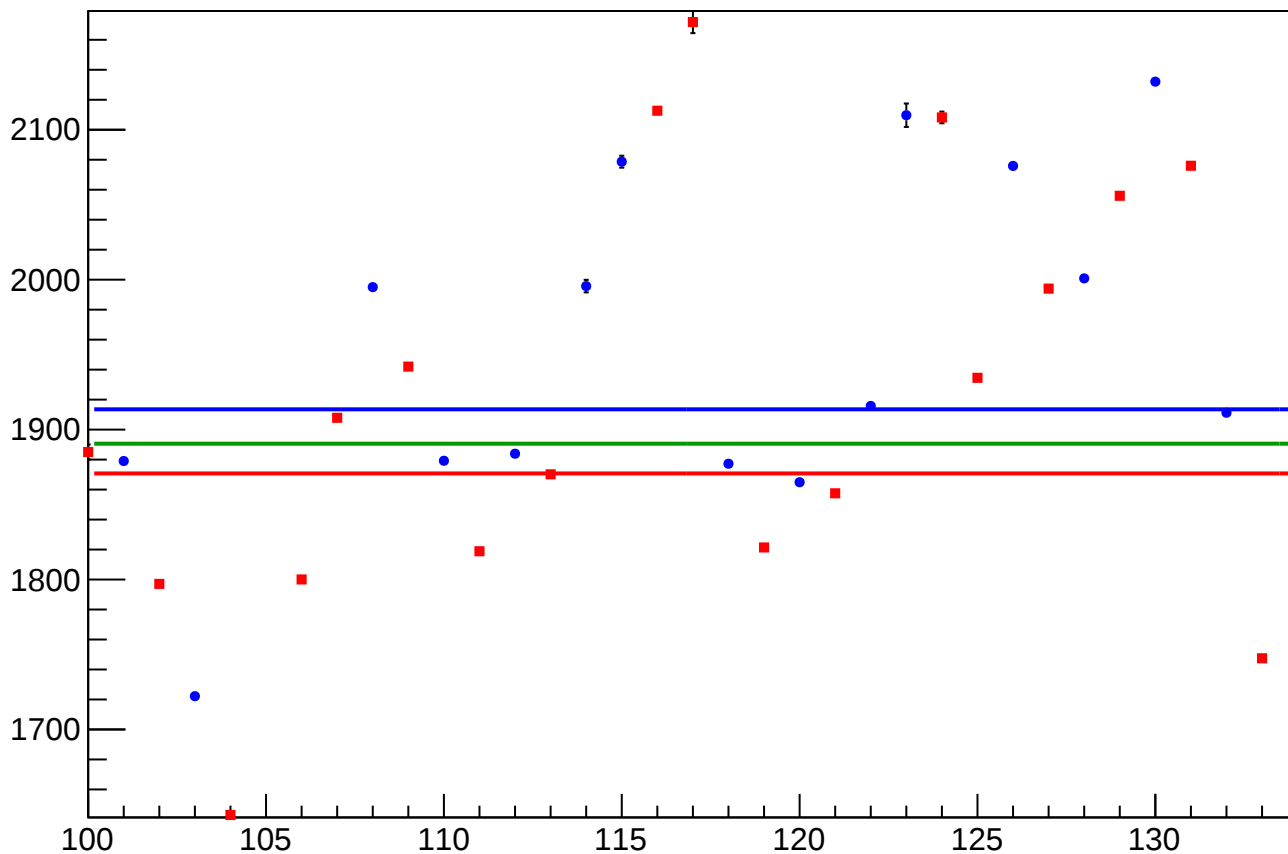
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.622+/-0.789 χ^2 /NDF: 808.2/15

14.796+/-0.538 χ^2 /NDF: 1512.7/33

10.617+/-0.734 χ^2 /NDF: 634.8/17

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1913.530+/-0.558 χ^2/NDF : 39142.4/15

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

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

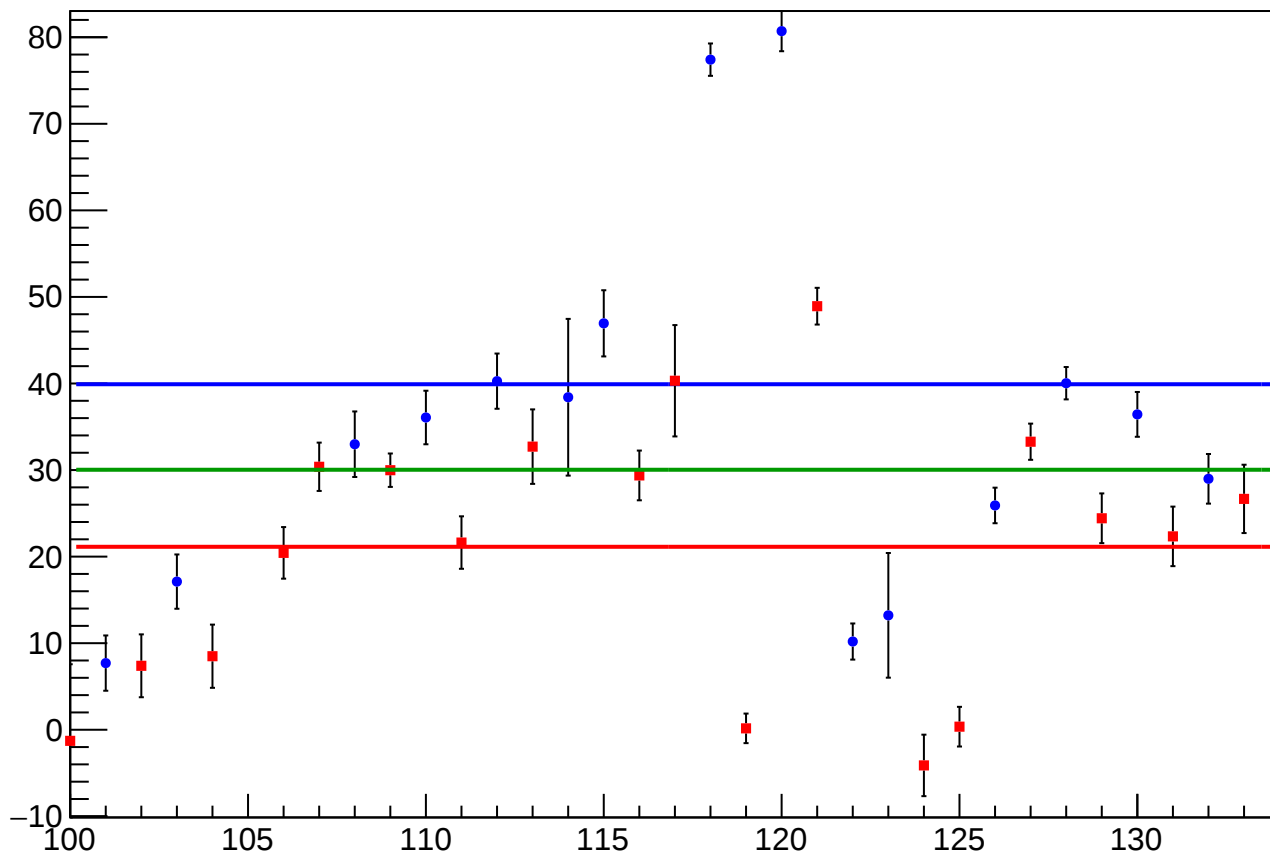
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1913.530+/-0.558 χ^2/NDF : 39142.4/15

1890.609+/-0.380 χ^2/NDF : 101828.4/33

1870.763+/-0.519 χ^2/NDF : 59538.2/17

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 39.914 $\pm$ 0.693 χ^2 /NDF: 1153.2/15

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

Right Out: 21.136 $\pm$ 0.657 χ^2 /NDF: 581.4/17

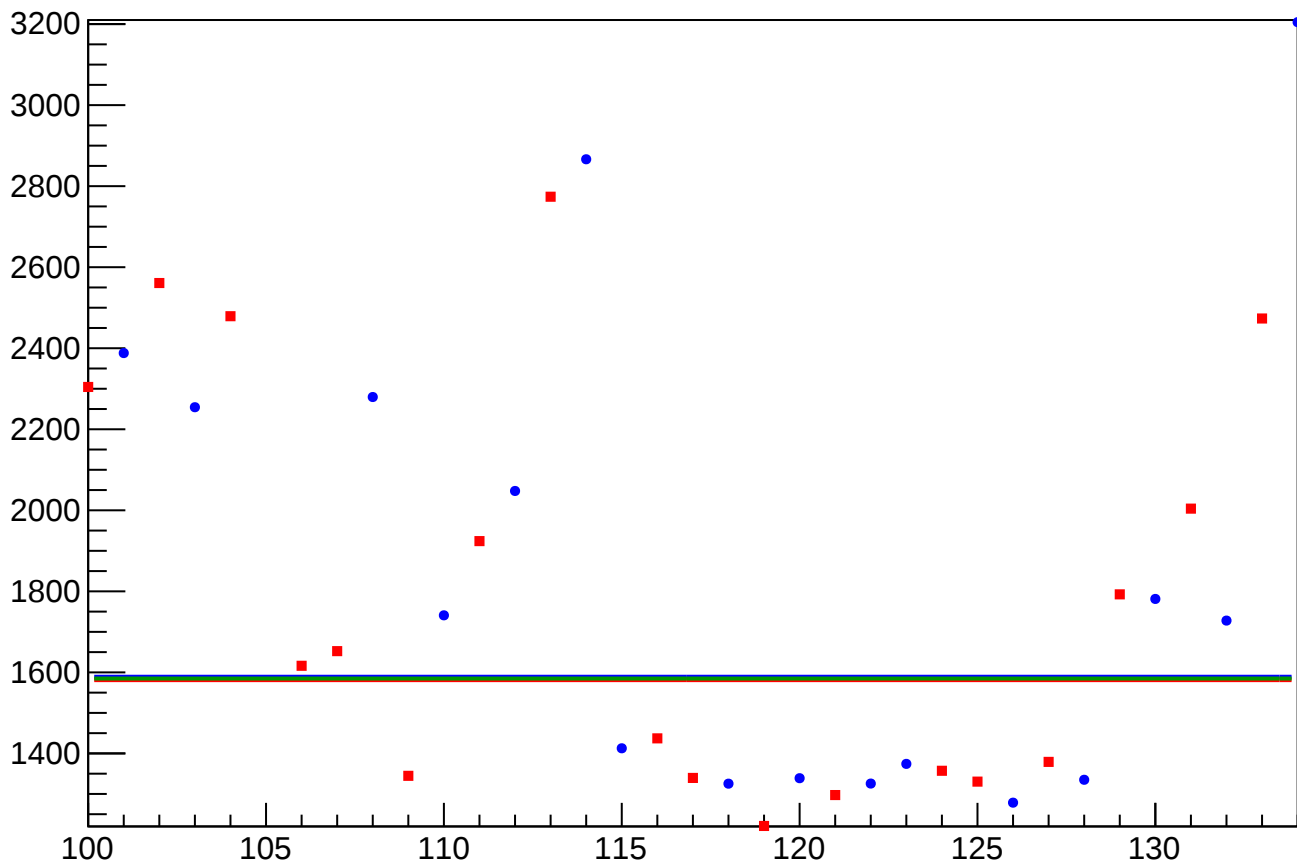
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

39.914 $\pm$ 0.693 χ^2 /NDF: 1153.2/15

30.035 $\pm$ 0.477 χ^2 /NDF: 2121.4/33

21.136 $\pm$ 0.657 χ^2 /NDF: 581.4/17

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1589.234 $\pm$ 0.490 χ^2 /NDF: 660369.2/15

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

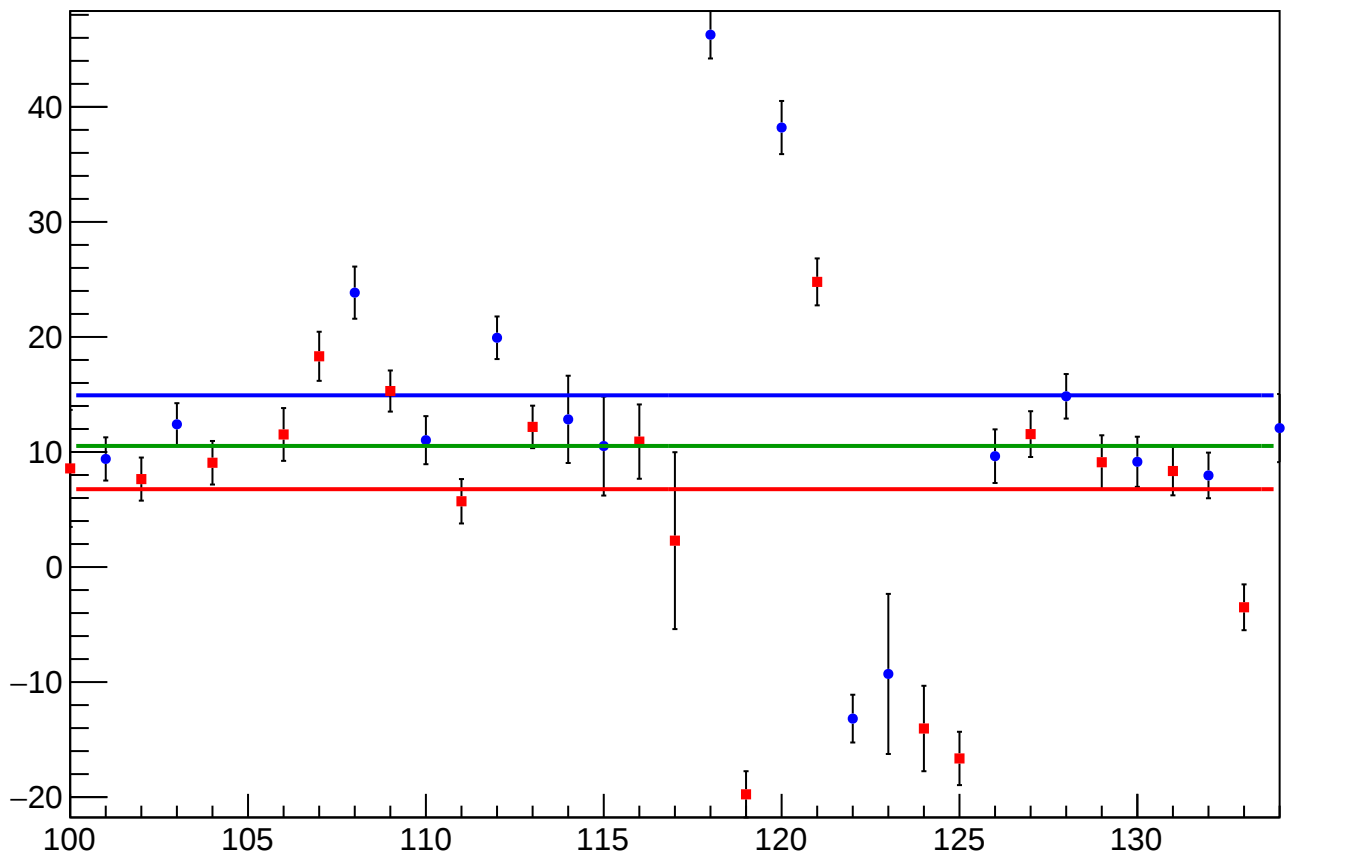
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1589.234 $\pm$ 0.490 χ^2 /NDF: 660369.2/15

1584.830 $\pm$ 0.337 χ^2 /NDF: 1477806.8/33

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

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.927+/-0.566 χ^2/NDF : 591.3/15

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

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

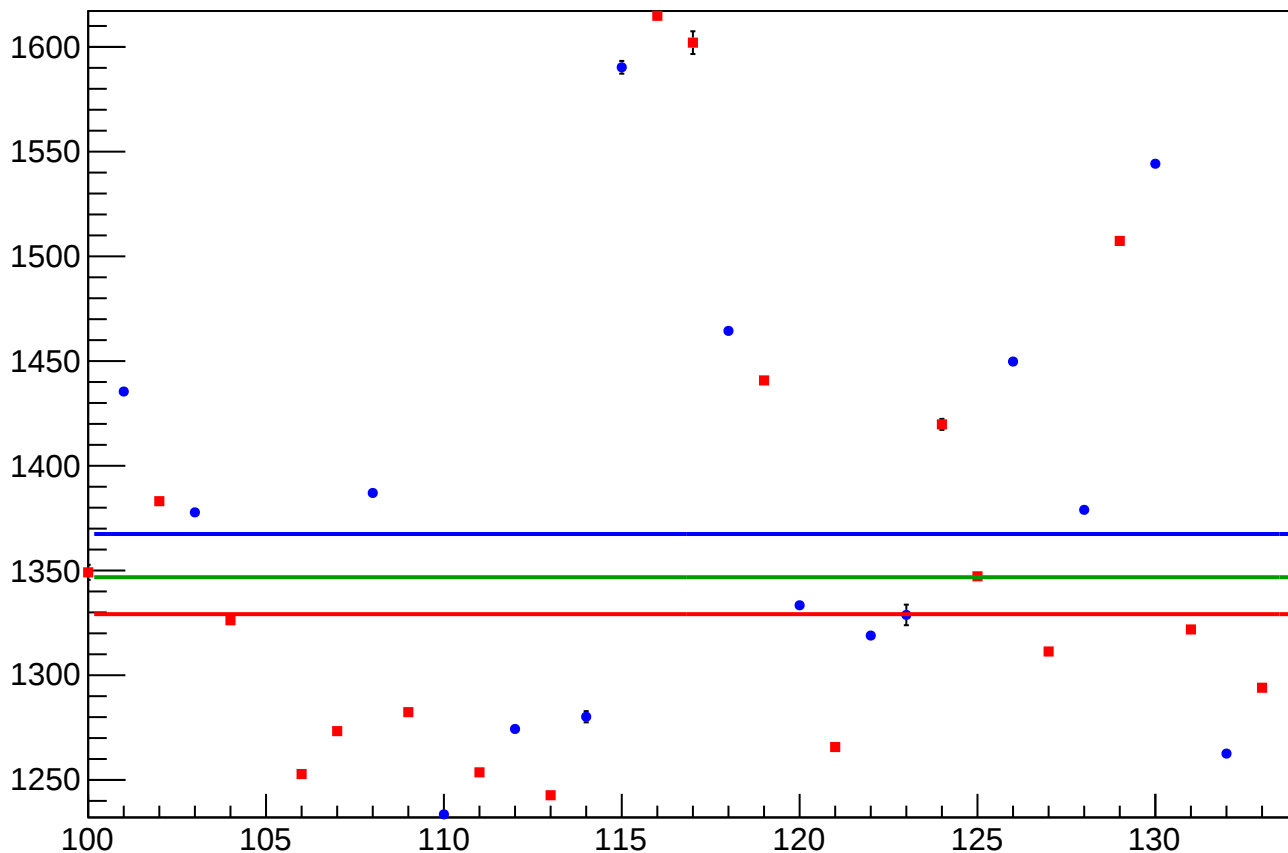
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.927+/-0.566 χ^2/NDF : 591.3/15

10.527+/-0.384 χ^2/NDF : 1191.9/33

6.767+/-0.523 χ^2/NDF : 488.5/17

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1367.431+/-0.400 χ^2/NDF : 50835.3/15

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

Right Out: 1329.162+/-0.370 χ^2/NDF : 54032.2/17

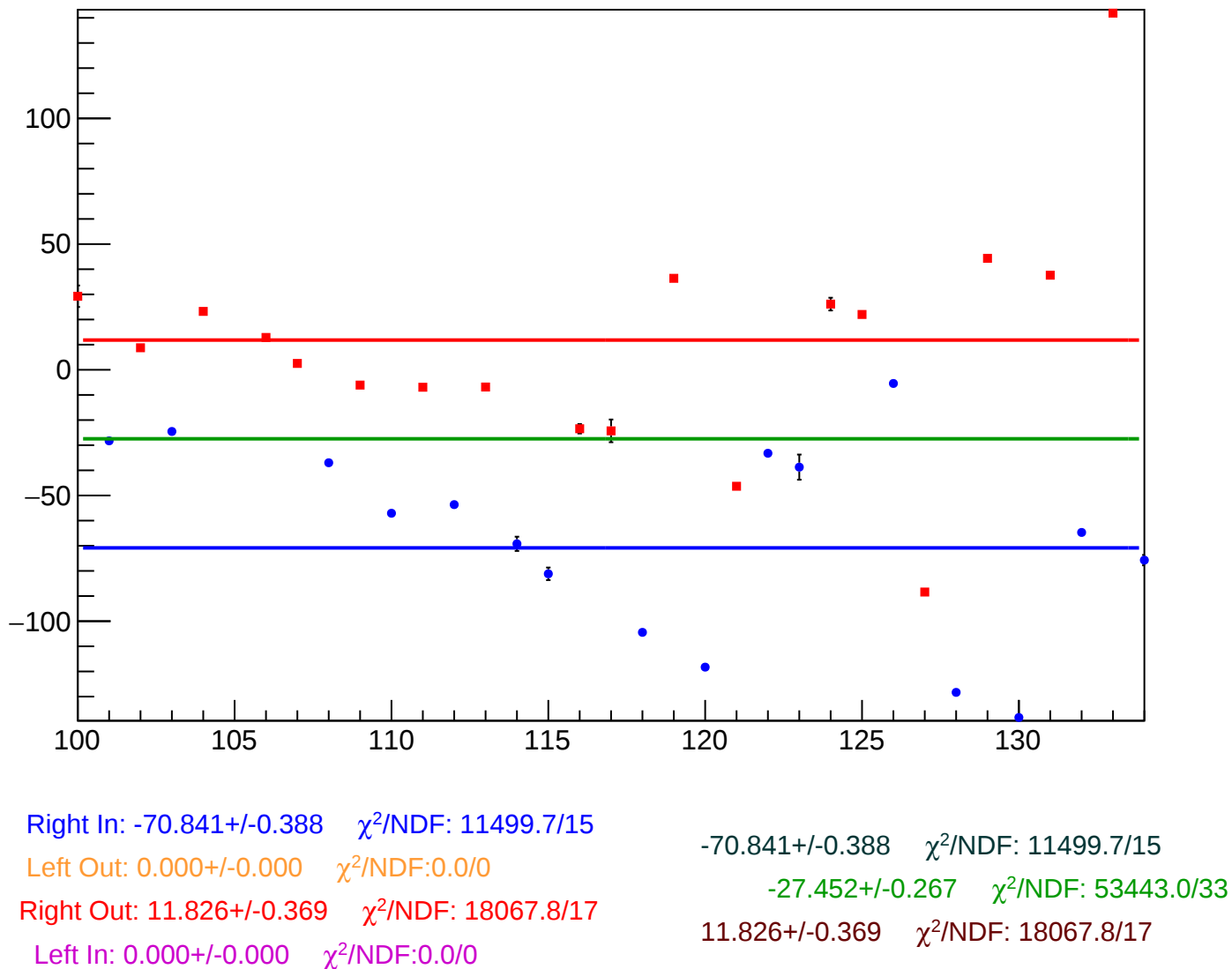
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1367.431+/-0.400 χ^2/NDF : 50835.3/15

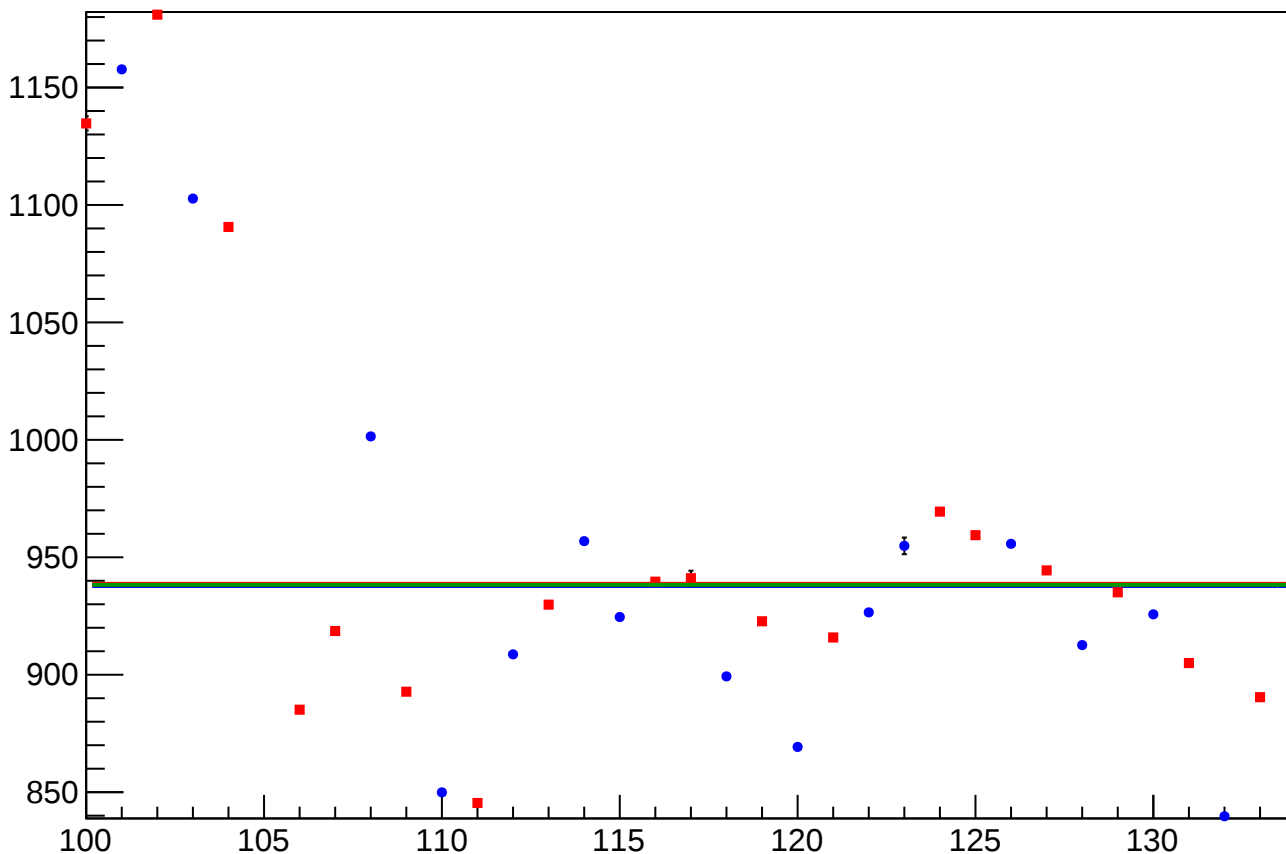
1346.793+/-0.272 χ^2/NDF : 109801.8/33

1329.162+/-0.370 χ^2/NDF : 54032.2/17

diff_bpm1i02X_mean vs Slug, Sign Corrected



diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.799 $\pm$ 0.274 χ^2 /NDF: 98295.0/15

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

Right Out: 938.689 $\pm$ 0.261 χ^2 /NDF: 90200.0/17

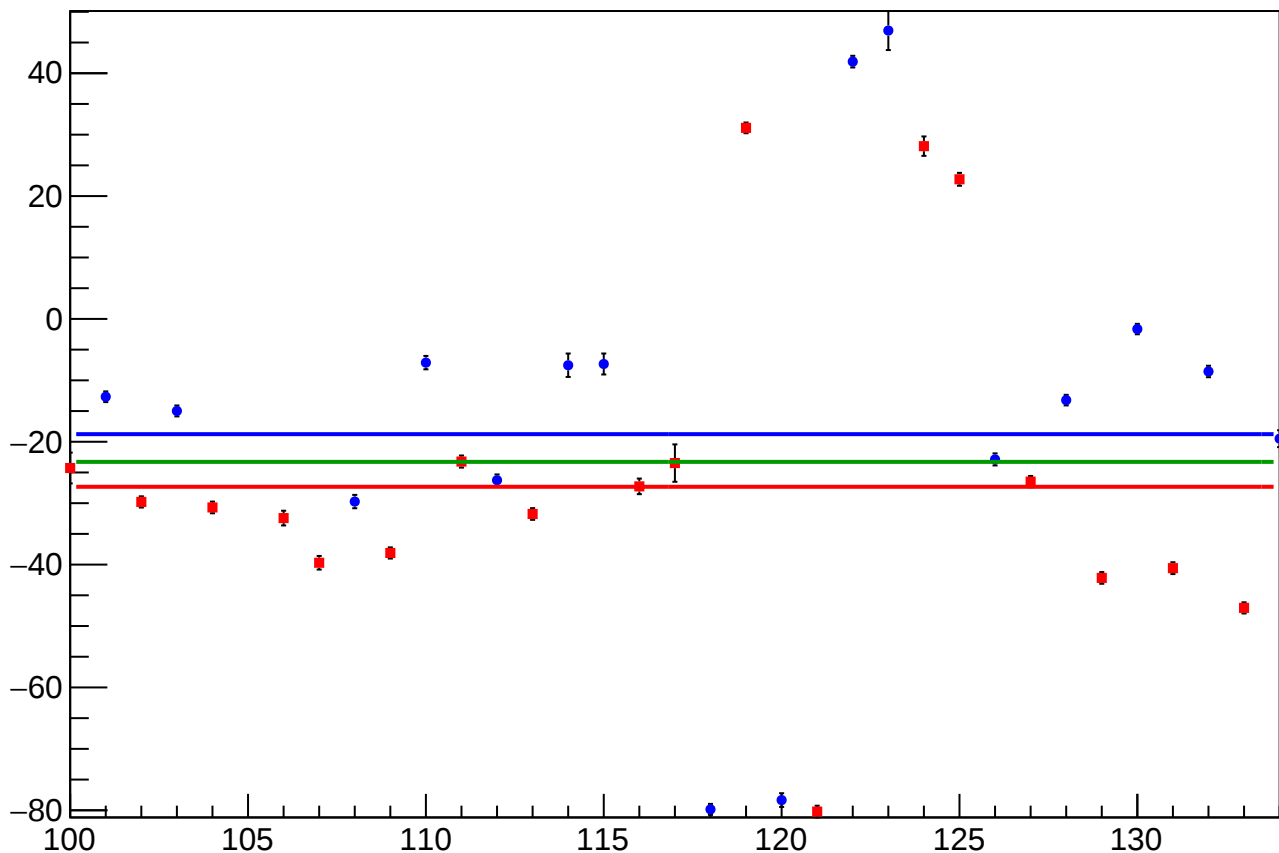
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

937.799 $\pm$ 0.274 χ^2 /NDF: 98295.0/15

938.266 $\pm$ 0.189 χ^2 /NDF: 188500.6/33

938.689 $\pm$ 0.261 χ^2 /NDF: 90200.0/17

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -18.763+/-0.261 χ^2/NDF : 13005.5/15

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

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

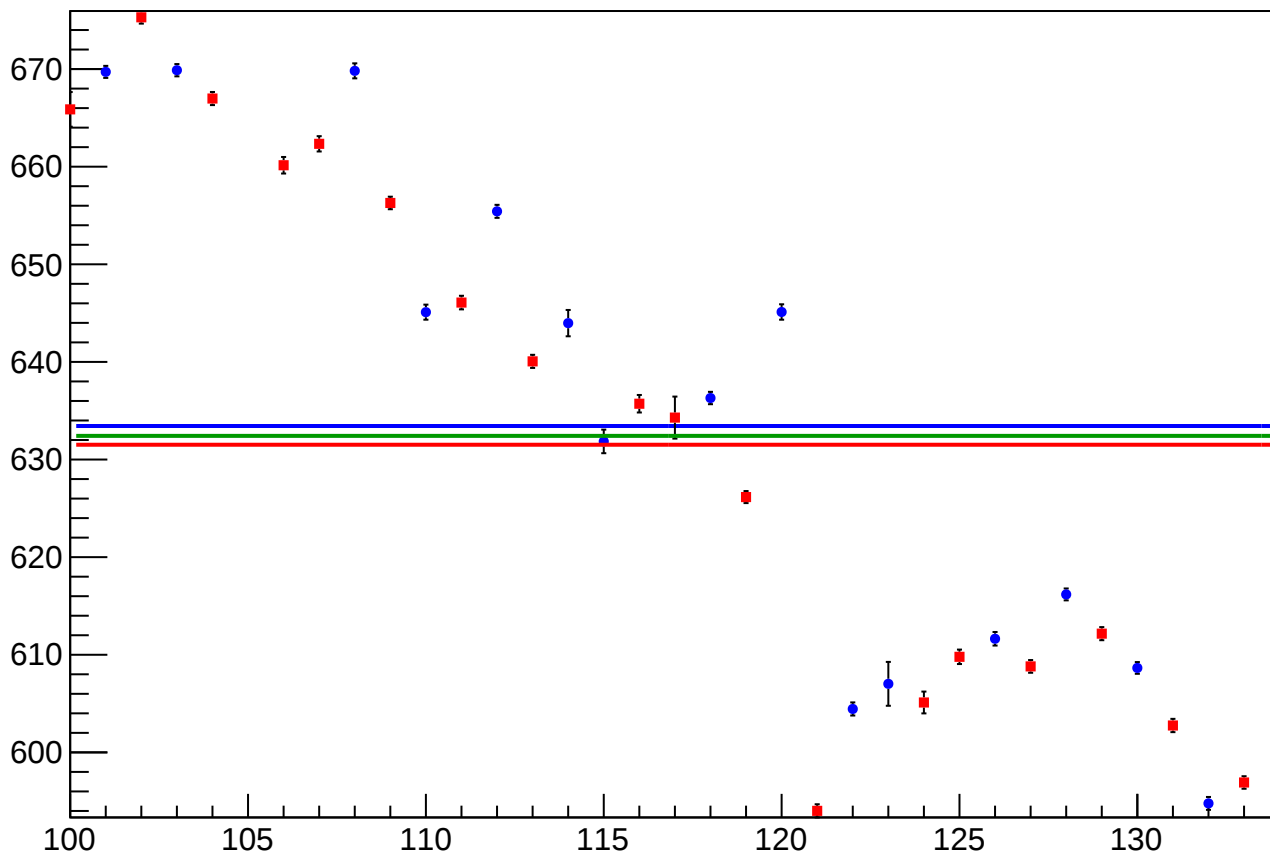
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.763+/-0.261 χ^2/NDF : 13005.5/15

-23.274+/-0.179 χ^2/NDF : 25877.7/33

-27.331+/-0.247 χ^2/NDF : 12304.1/17

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 633.435+/-0.184 χ^2/NDF : 20430.0/15

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

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

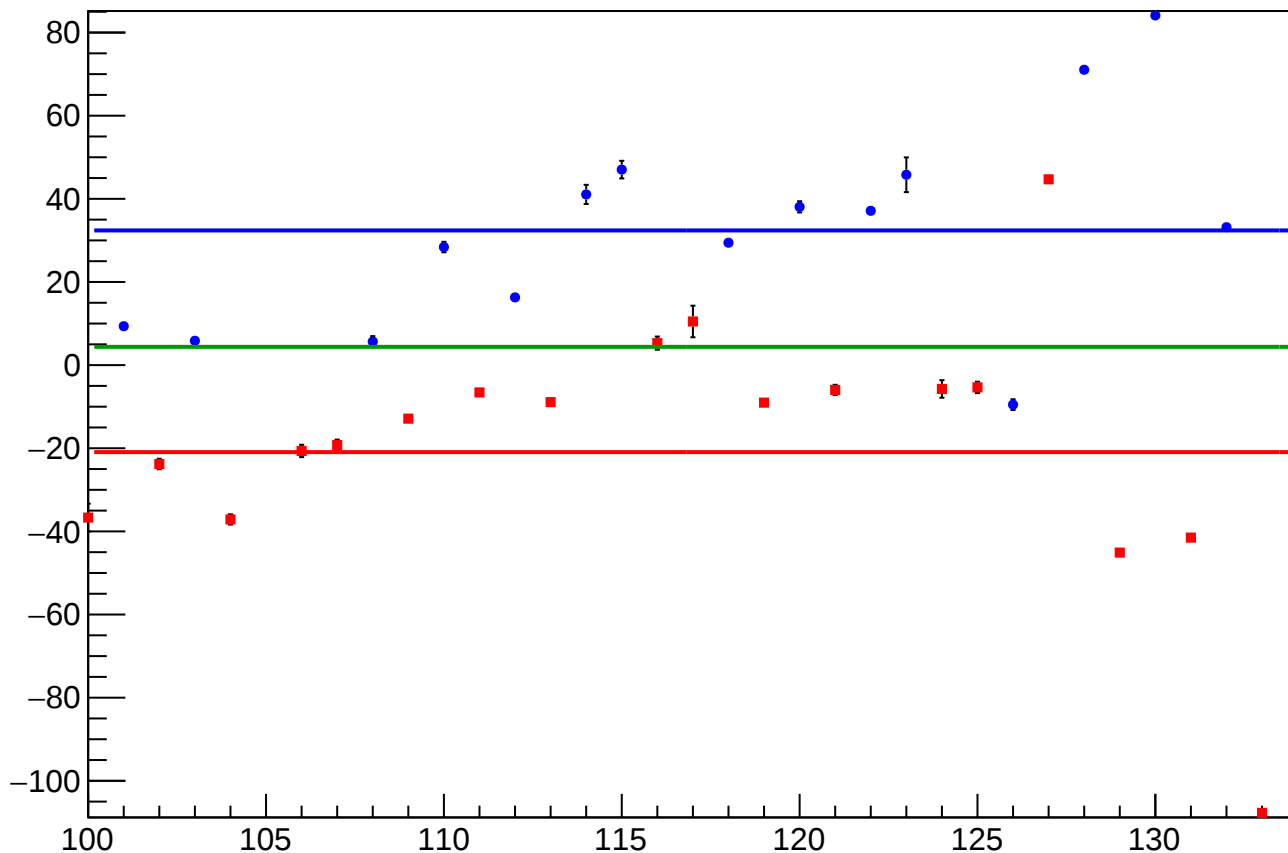
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

633.435+/-0.184 χ^2/NDF : 20430.0/15

632.424+/-0.127 χ^2/NDF : 44344.0/33

631.515+/-0.175 χ^2/NDF : 23857.0/17

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 32.401 $\pm$ 0.324 χ^2/NDF : 6361.1/15

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

Right Out: -20.928 $\pm$ 0.308 χ^2/NDF : 11249.8/17

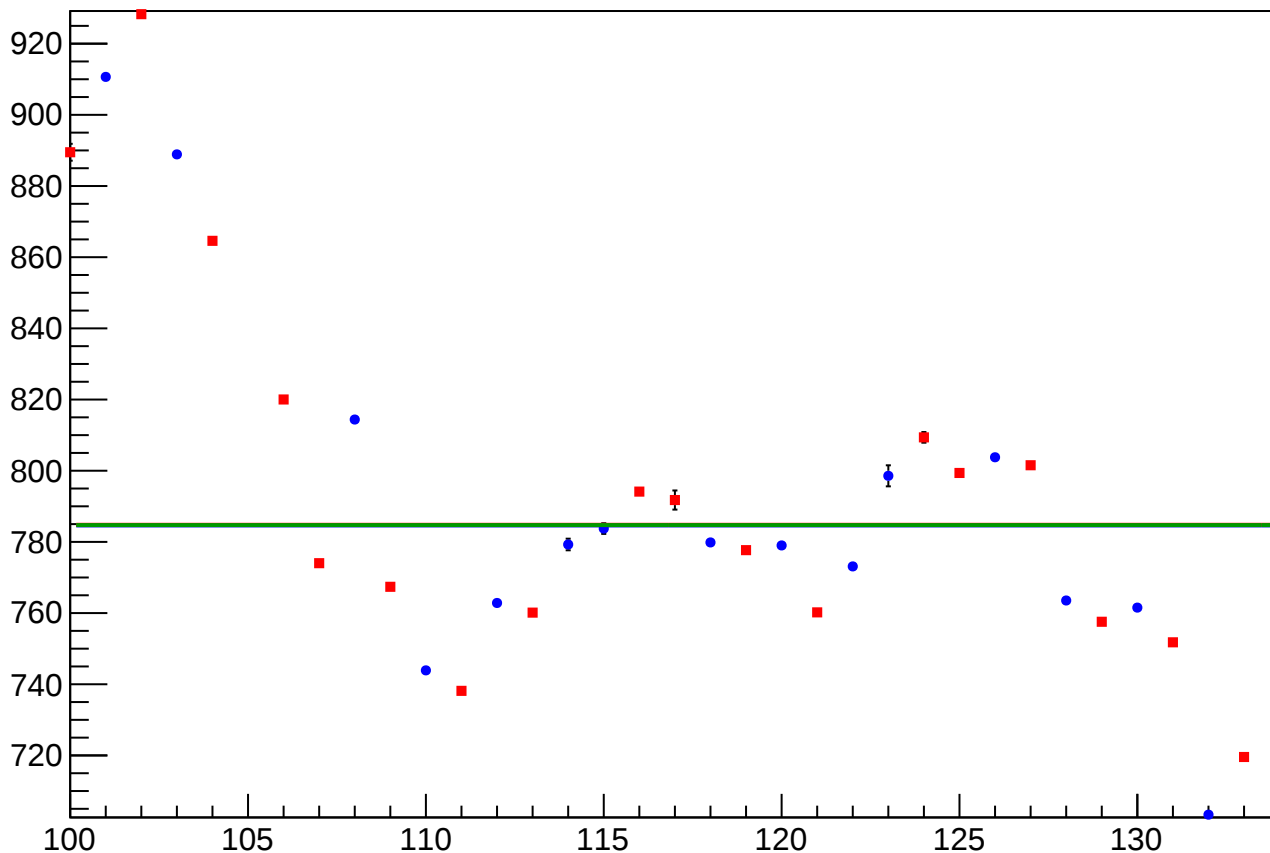
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

32.401 $\pm$ 0.324 χ^2/NDF : 6361.1/15

4.397 $\pm$ 0.223 χ^2/NDF : 31862.5/33

-20.928 $\pm$ 0.308 χ^2/NDF : 11249.8/17

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 784.634 $\pm$ 0.229 χ^2 /NDF: 59301.3/15

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

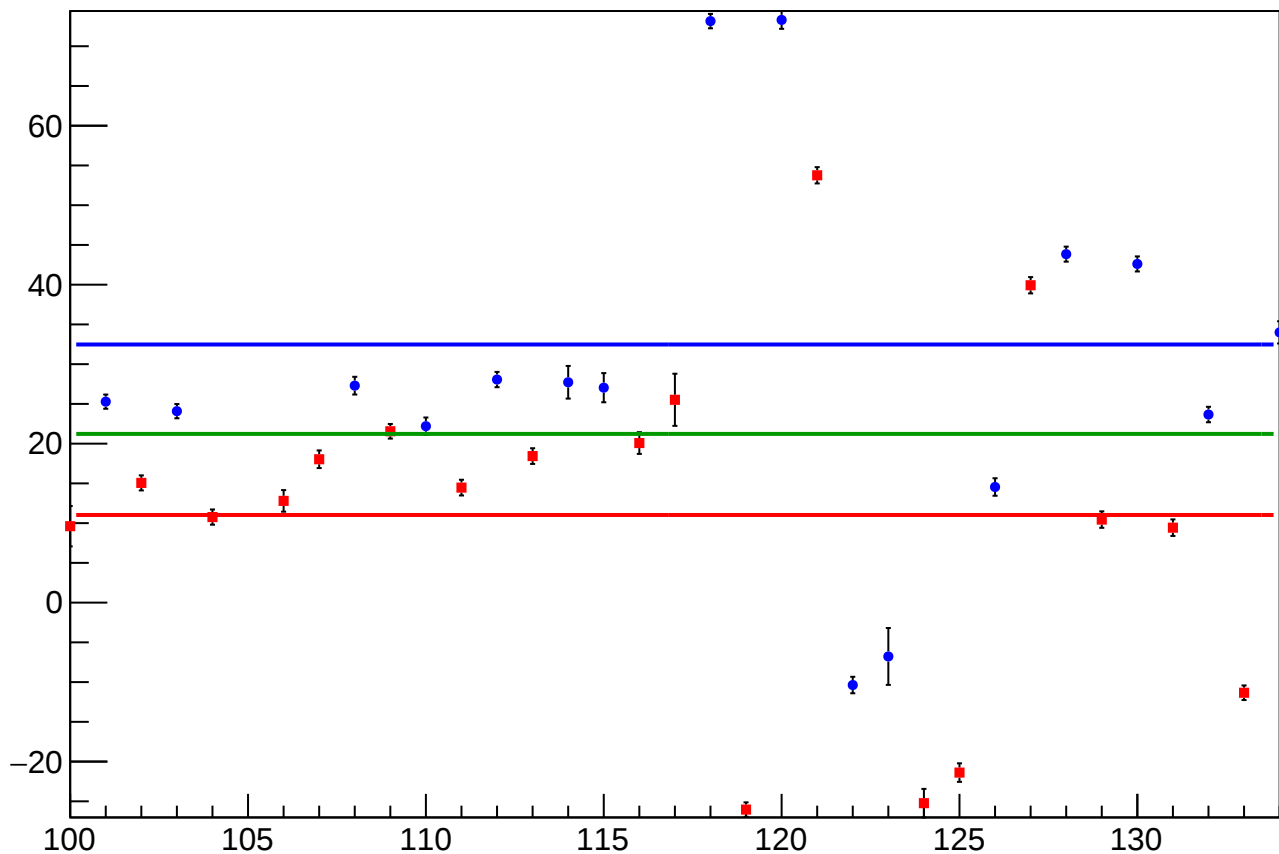
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

784.634 $\pm$ 0.229 χ^2 /NDF: 59301.3/15

784.724 $\pm$ 0.158 χ^2 /NDF: 113453.4/33

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

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.475+/-0.273 χ^2/NDF : 6072.4/15

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

Right Out: 11.025+/-0.260 χ^2/NDF : 6298.6/17

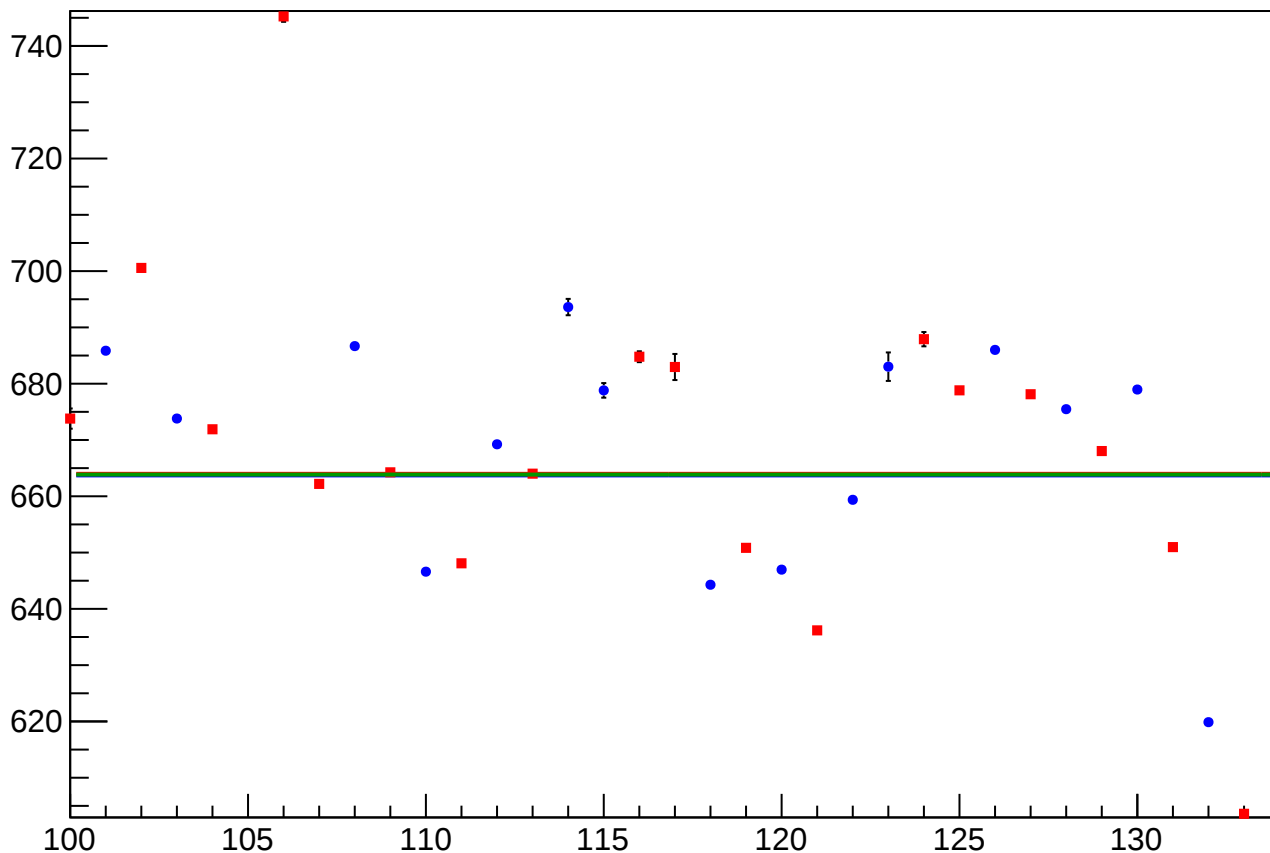
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.475+/-0.273 χ^2/NDF : 6072.4/15

21.225+/-0.188 χ^2/NDF : 15603.5/33

11.025+/-0.260 χ^2/NDF : 6298.6/17

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 663.710 $\pm$ 0.193 χ^2 /NDF: 12992.8/15

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

Right Out: 663.987 $\pm$ 0.184 χ^2 /NDF: 23301.3/17

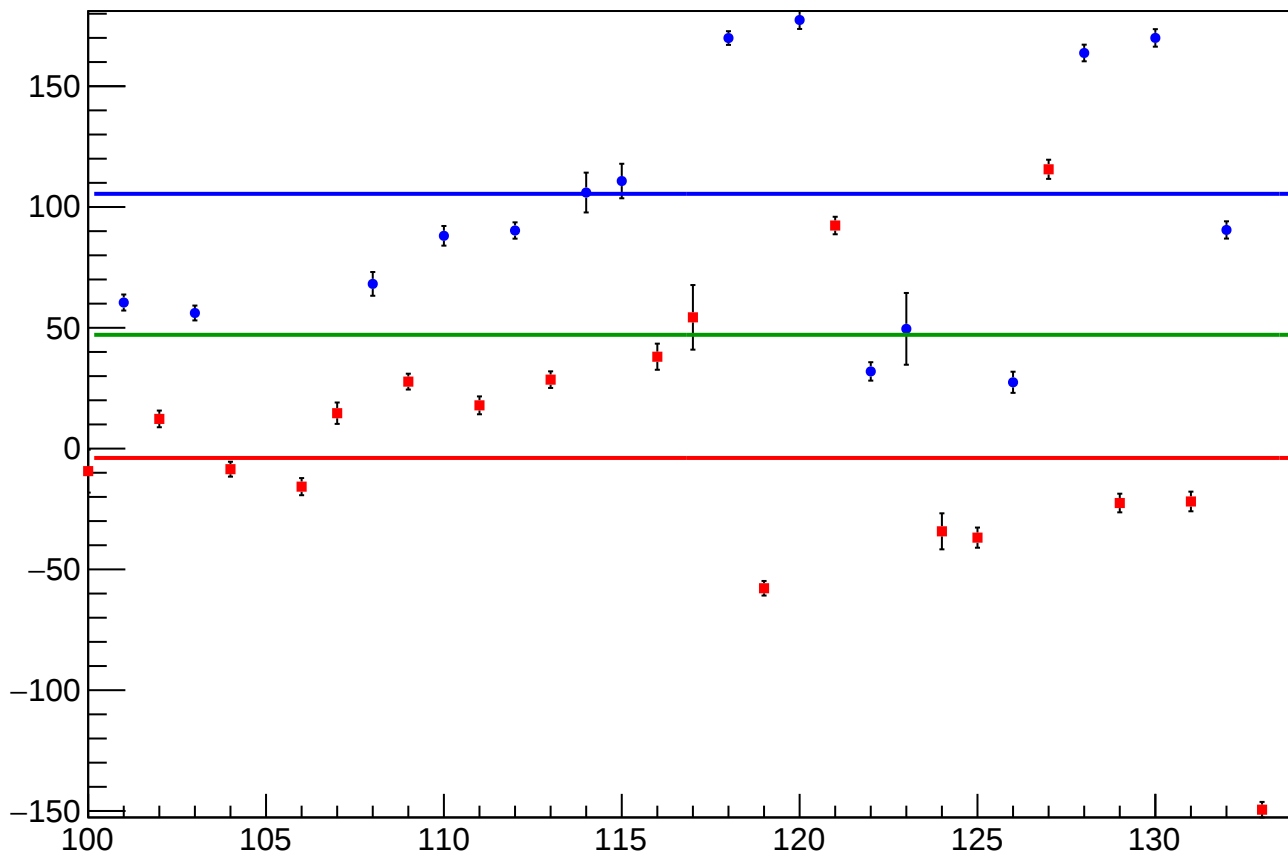
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

663.710 $\pm$ 0.193 χ^2 /NDF: 12992.8/15

663.855 $\pm$ 0.133 χ^2 /NDF: 36295.3/33

663.987 $\pm$ 0.184 χ^2 /NDF: 23301.3/17

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 105.455+/-0.989 χ^2/NDF : 2764.2/15

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

Right Out: -3.868+/-0.924 χ^2/NDF : 4453.4/17

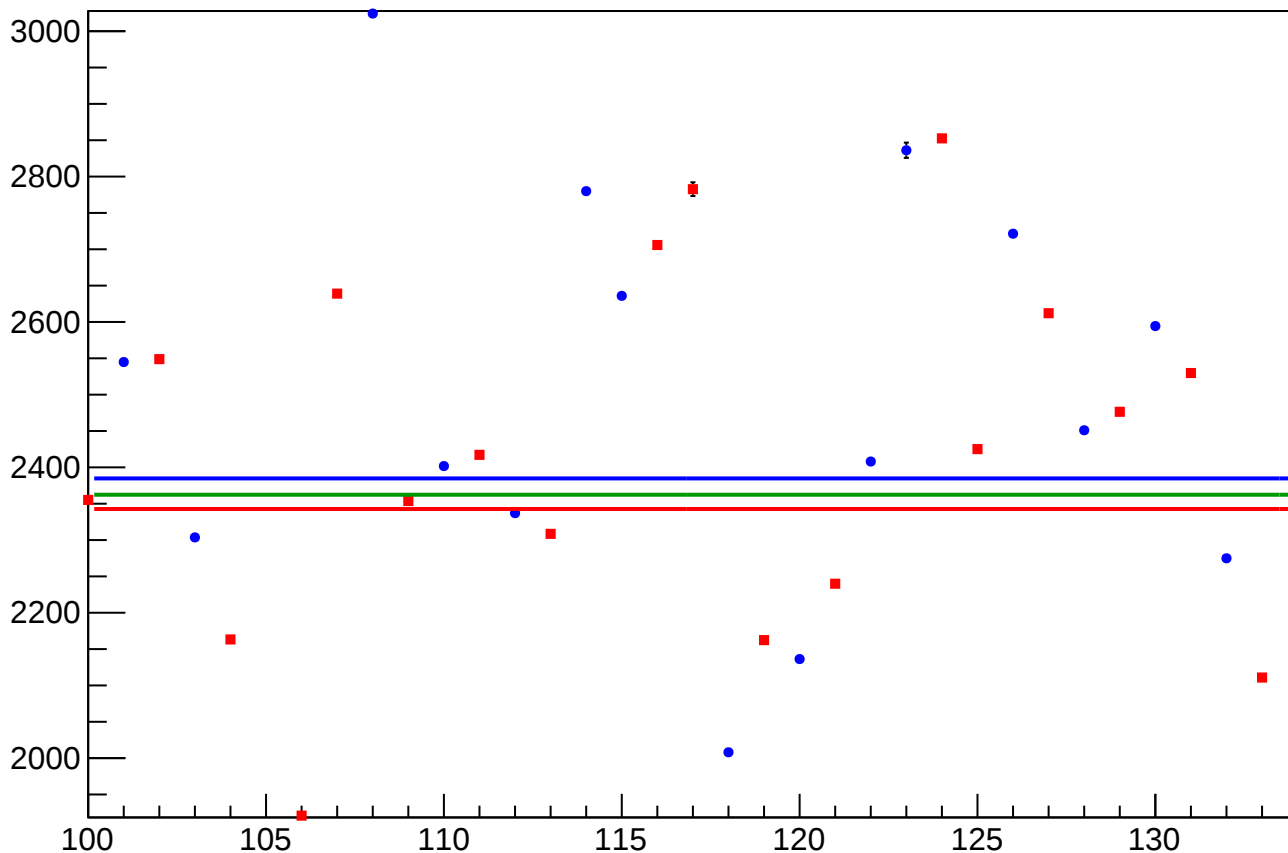
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.455+/-0.989 χ^2/NDF : 2764.2/15

47.096+/-0.675 χ^2/NDF : 13743.9/33

-3.868+/-0.924 χ^2/NDF : 4453.4/17

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2384.772 $\pm$ 0.699 χ^2 /NDF: 118807.1/15

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

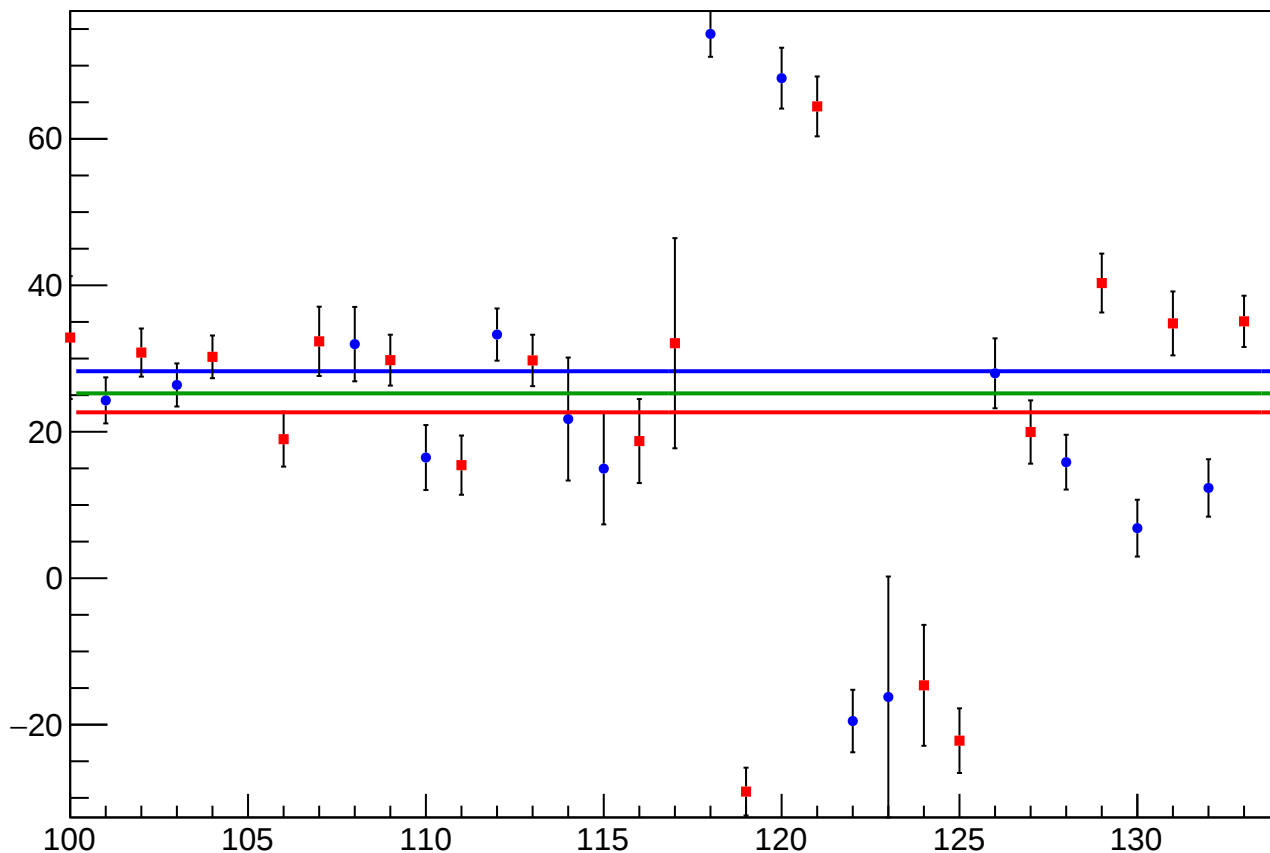
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2384.772 $\pm$ 0.699 χ^2 /NDF: 118807.1/15

2362.329 $\pm$ 0.477 χ^2 /NDF: 229219.7/33

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

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 28.268 $\pm$ 1.044 χ^2/NDF : 516.1/15

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

Right Out: 22.655 $\pm$ 0.967 χ^2/NDF : 552.0/17

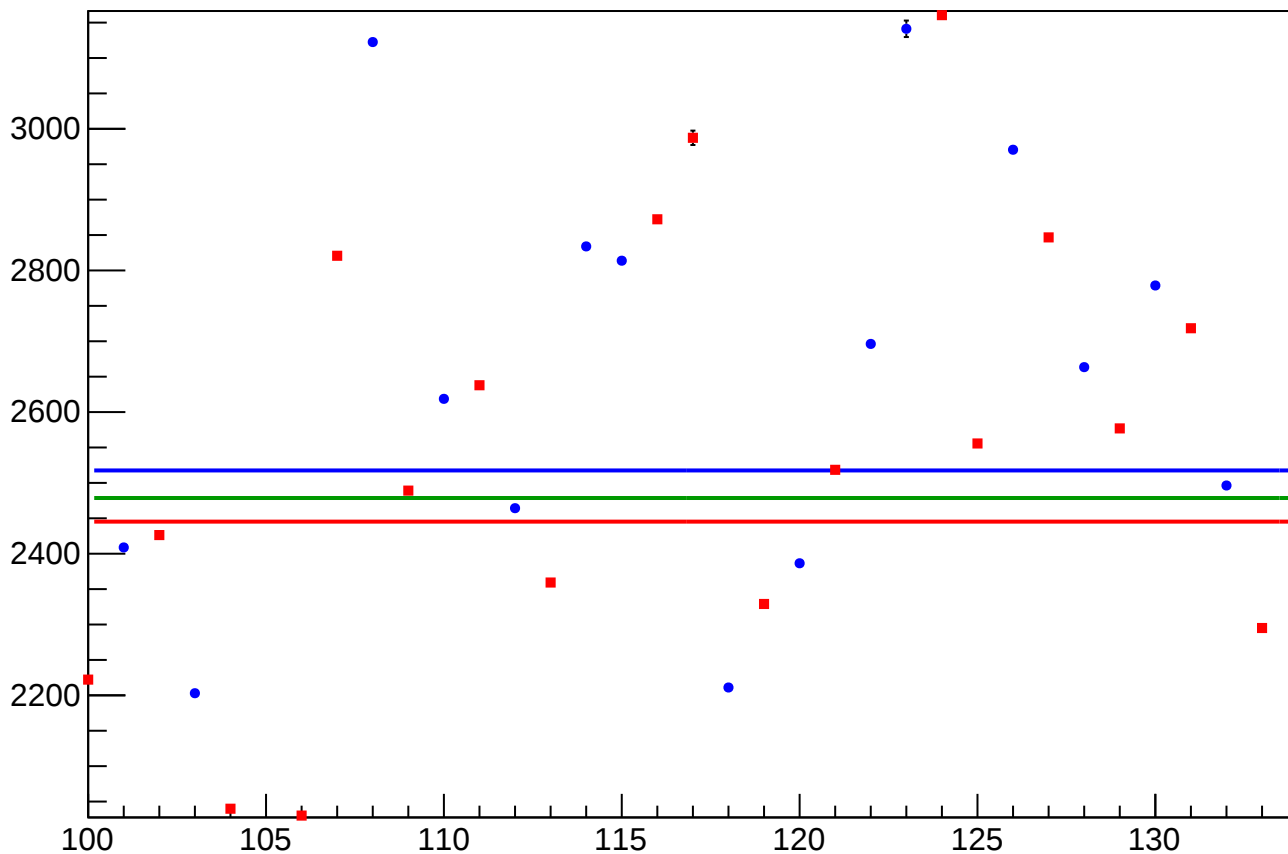
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

28.268 $\pm$ 1.044 χ^2/NDF : 516.1/15

25.246 $\pm$ 0.709 χ^2/NDF : 1083.7/33

22.655 $\pm$ 0.967 χ^2/NDF : 552.0/17

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2517.581 $\pm$ 0.738 χ^2 /NDF: 120787.1/15

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

Right Out: 2445.306 $\pm$ 0.684 χ^2 /NDF: 147561.6/17

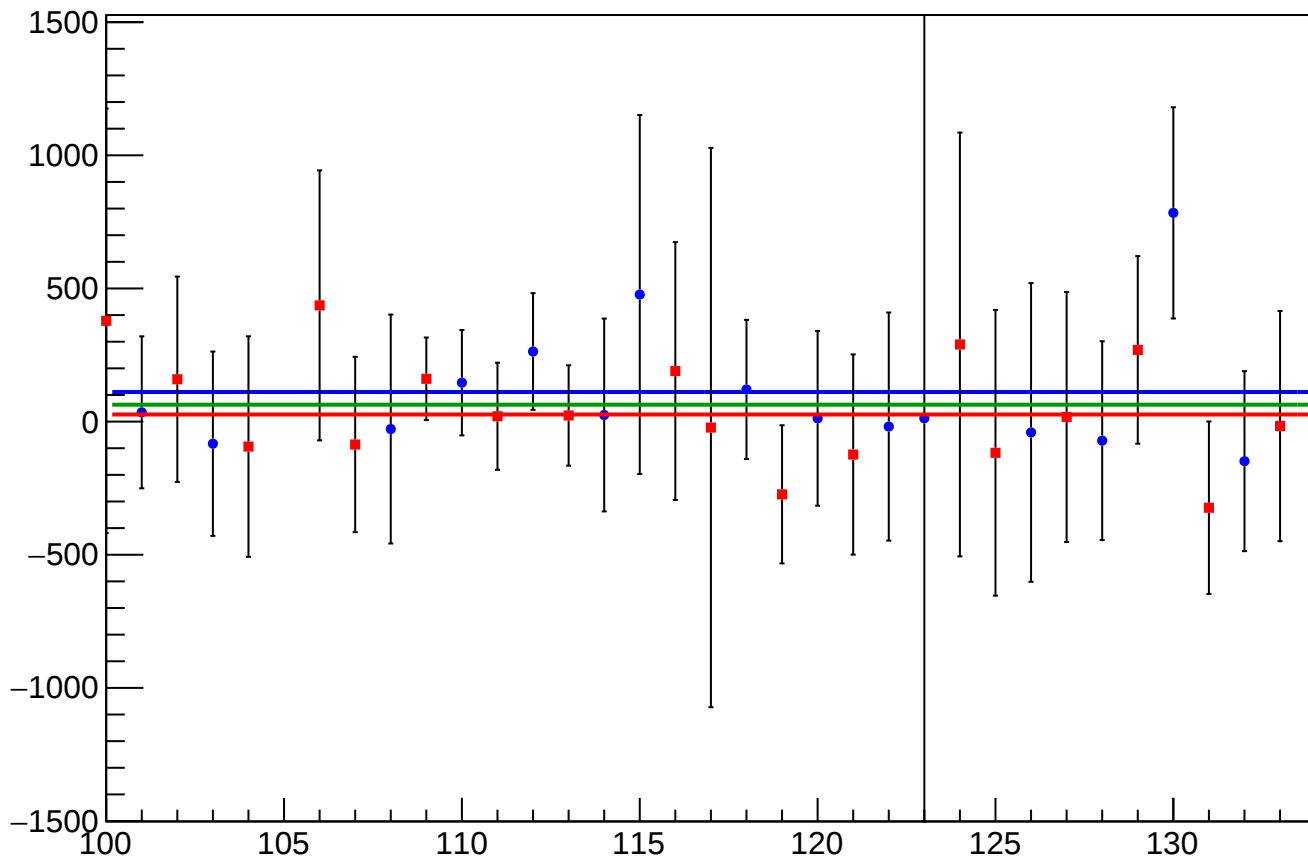
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2517.581 $\pm$ 0.738 χ^2 /NDF: 120787.1/15

2478.667 $\pm$ 0.502 χ^2 /NDF: 273508.1/33

2445.306 $\pm$ 0.684 χ^2 /NDF: 147561.6/17

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 111.194 $\pm$ 84.517 χ^2 /NDF: 5.4/15

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

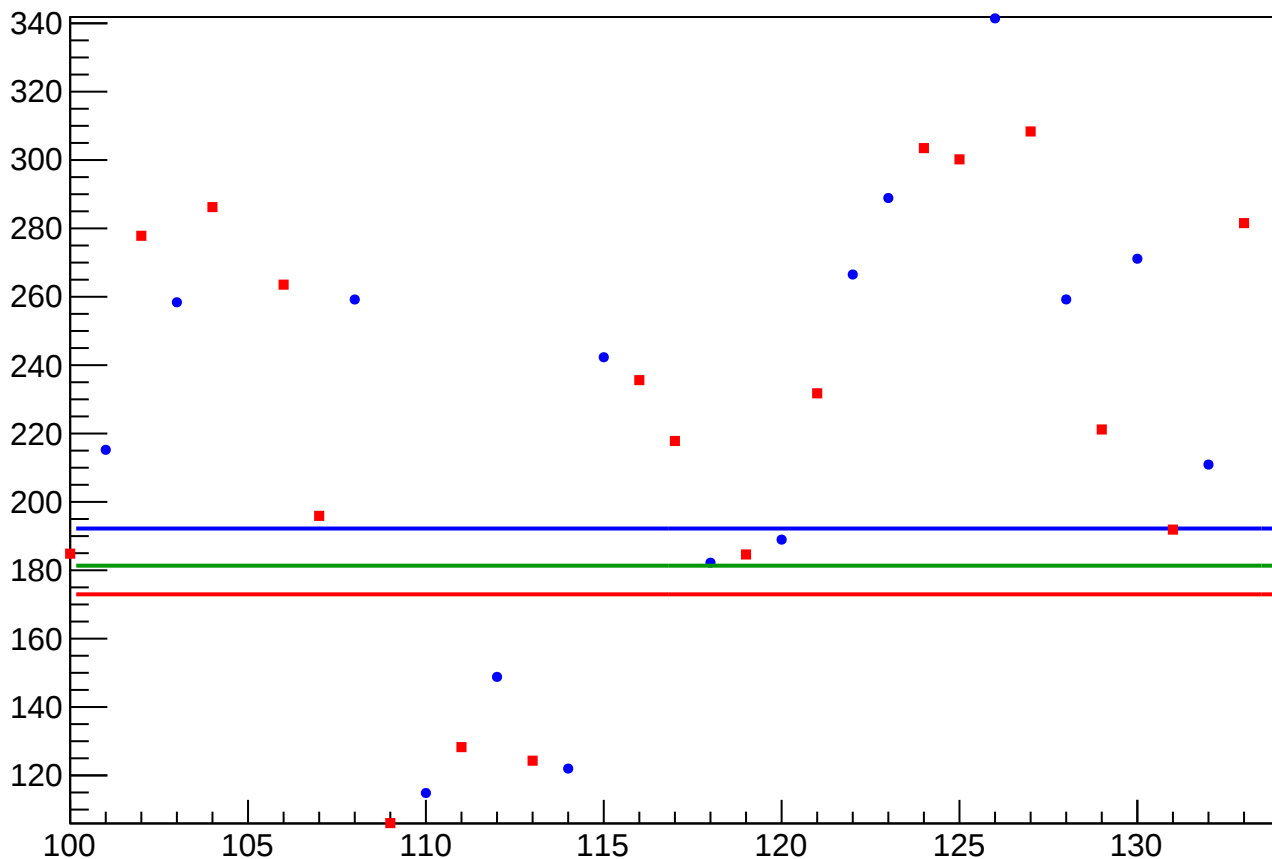
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

111.194 $\pm$ 84.517 χ^2 /NDF: 5.4/15

63.480 $\pm$ 55.781 χ^2 /NDF: 11.3/33

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: 192.213+/-0.060 χ^2/NDF : 1006551.7/15

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

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

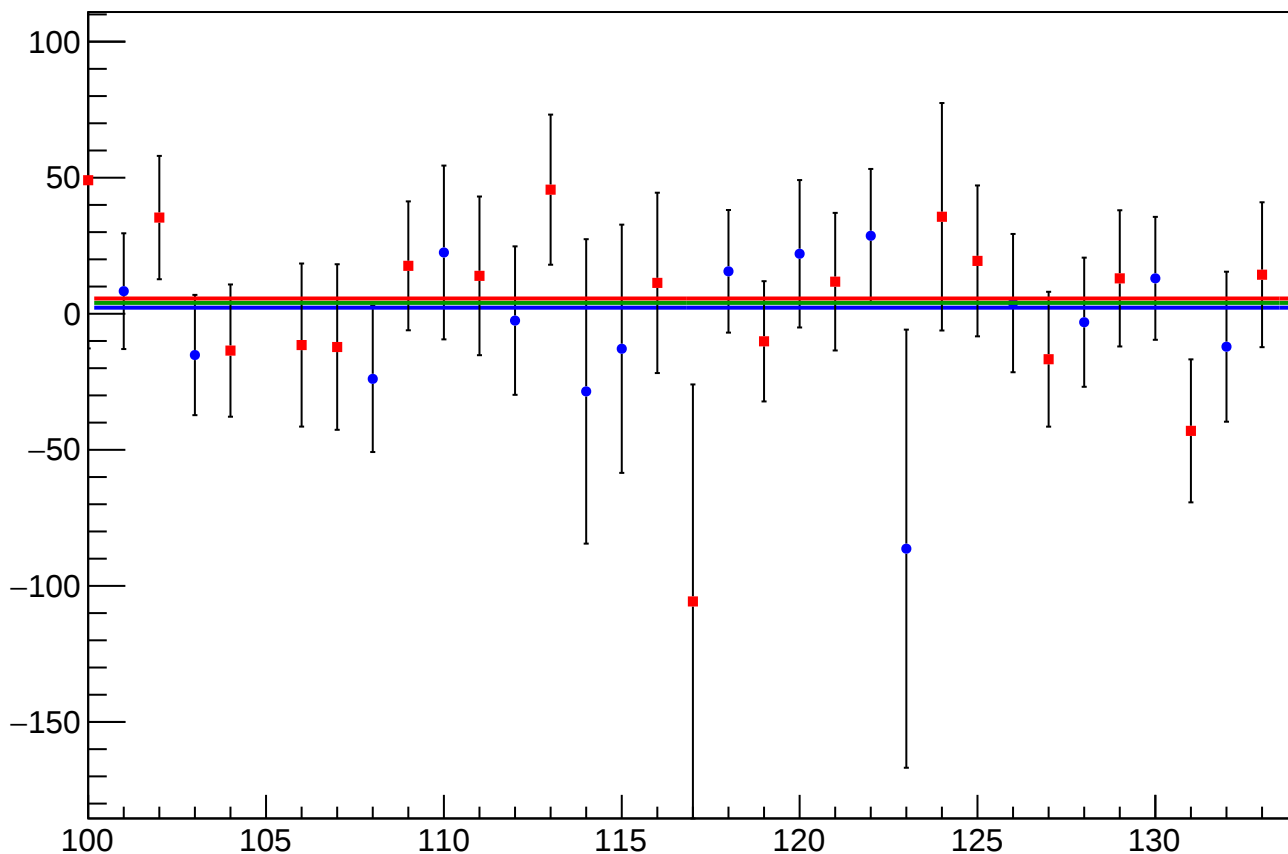
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.213+/-0.060 χ^2/NDF : 1006551.7/15

181.346+/-0.039 χ^2/NDF : 2634815.9/33

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: 2.243+/-6.874 χ^2/NDF : 6.7/15

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

Right Out: 5.610+/-6.593 χ^2/NDF : 13.7/17

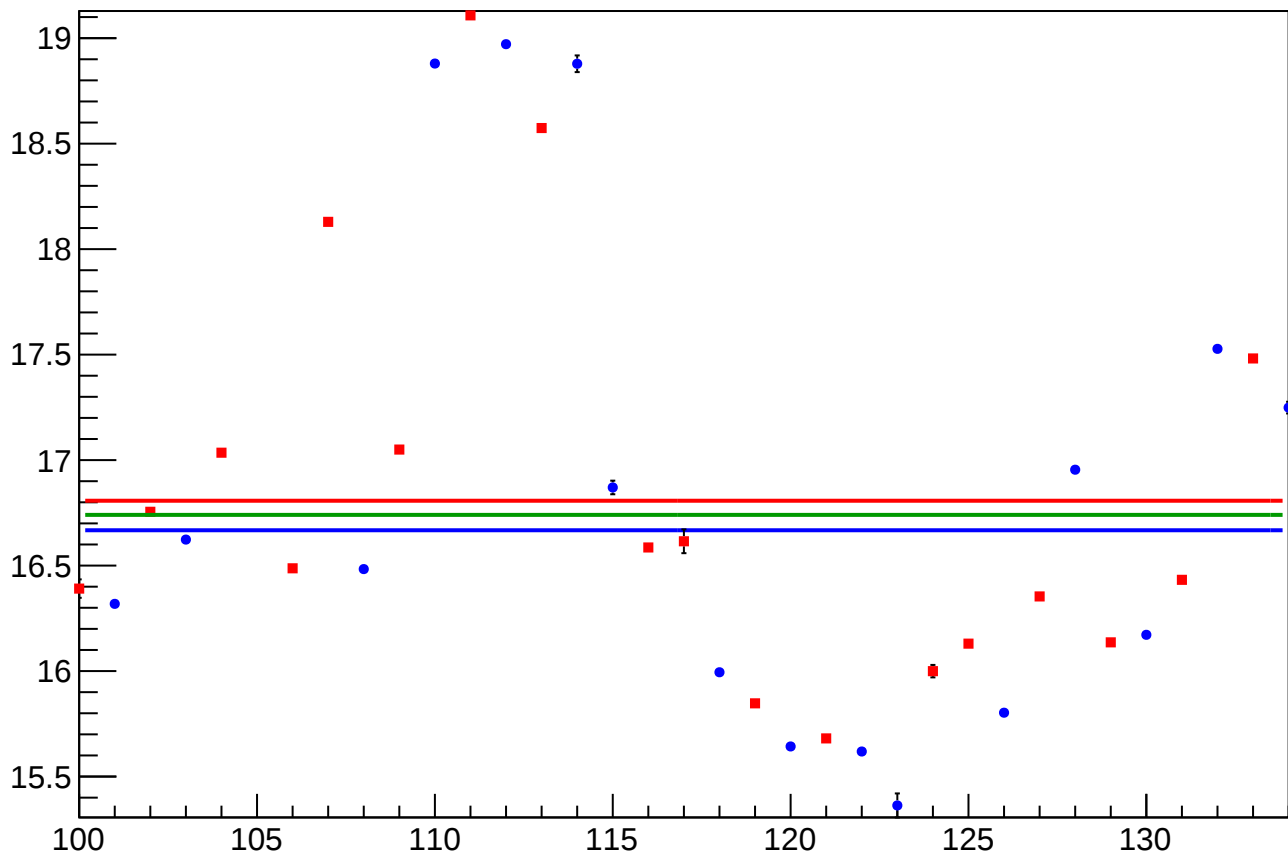
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.243+/-6.874 χ^2/NDF : 6.7/15

3.997+/-4.758 χ^2/NDF : 20.5/33

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: 16.667 $\pm$ 0.005 χ^2 /NDF: 42447.4/15

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

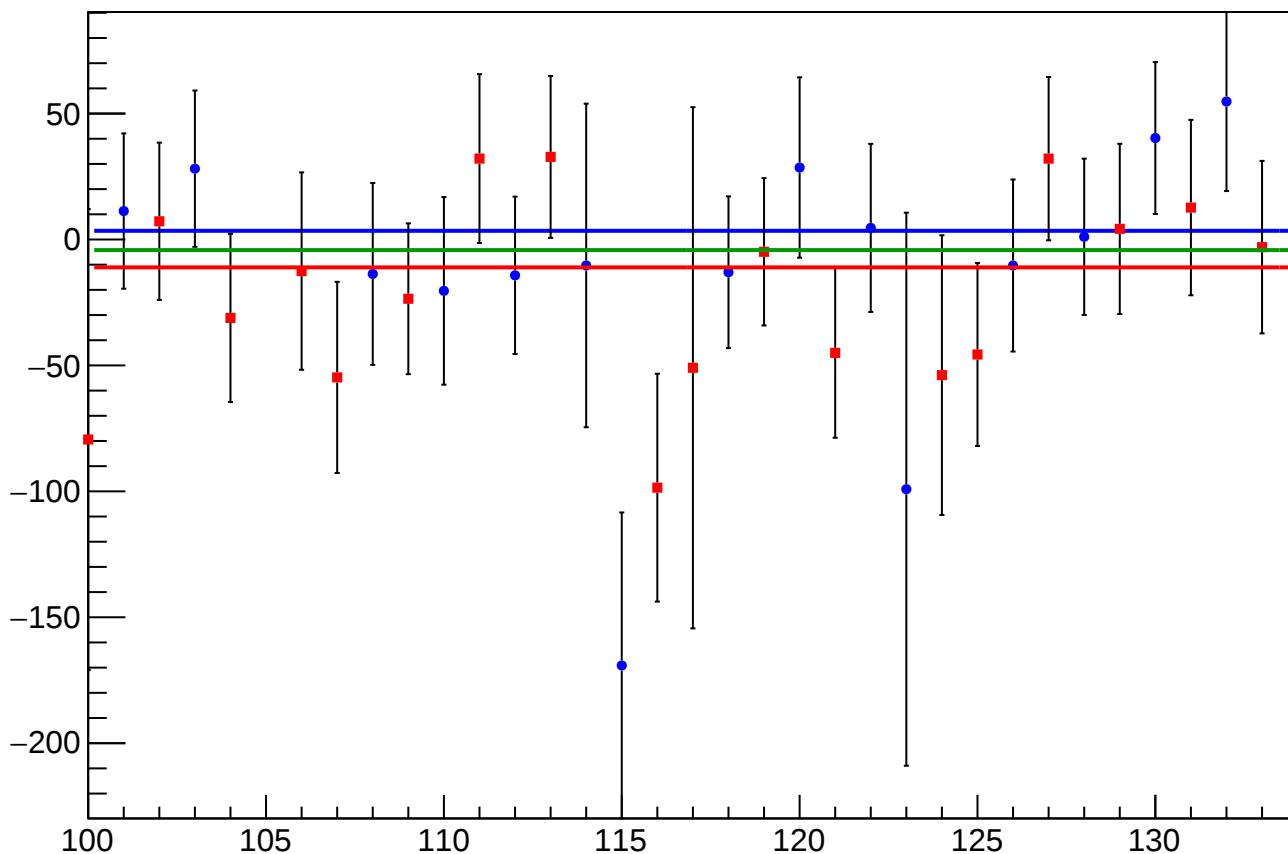
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.667 $\pm$ 0.005 χ^2 /NDF: 42447.4/15

16.740 $\pm$ 0.003 χ^2 /NDF: 81618.0/33

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: 3.448+/-9.068 χ^2/NDF : 15.2/15

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

Right Out: -11.068+/-8.582 χ^2/NDF : 15.2/17

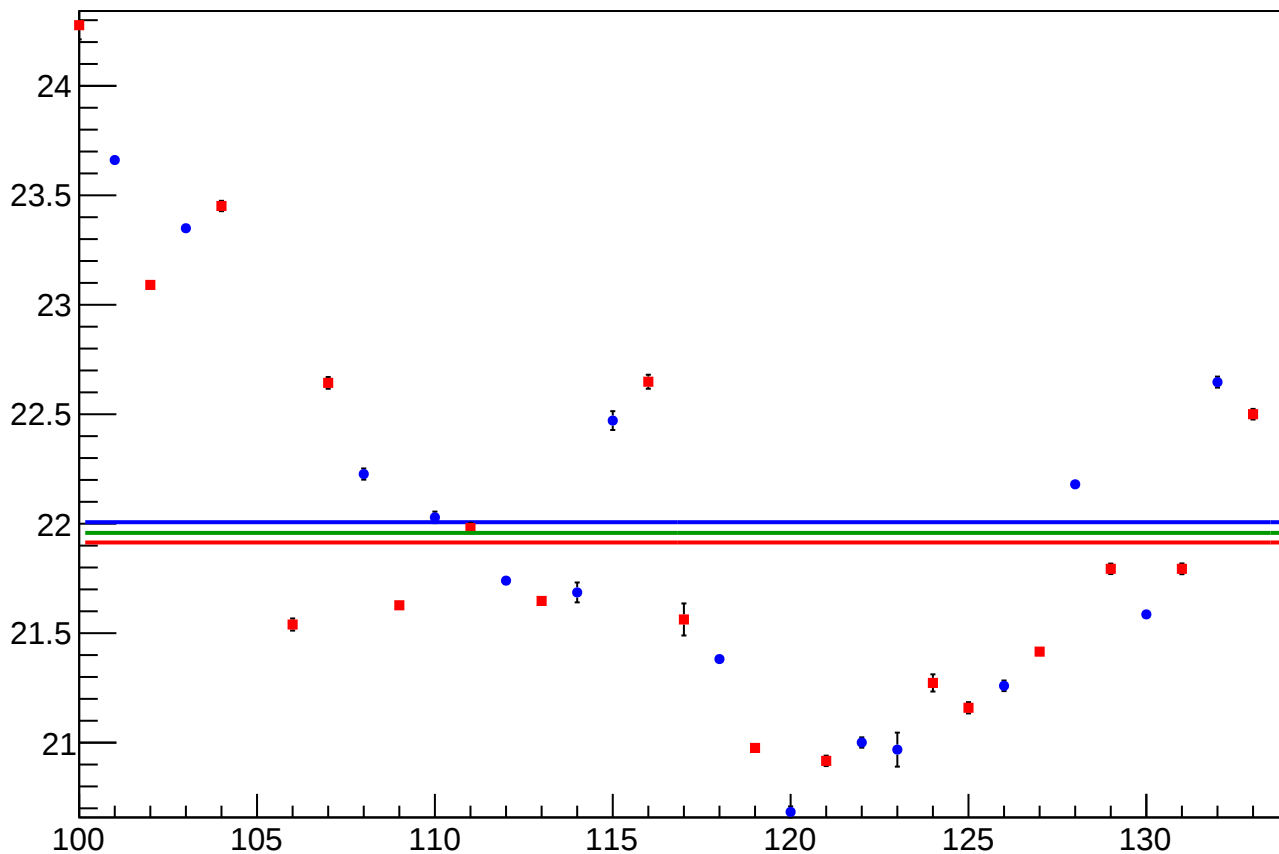
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.448+/-9.068 χ^2/NDF : 15.2/15

-4.209+/-6.233 χ^2/NDF : 31.8/33

-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: 22.007+/-0.006 χ^2/NDF : 17543.4/15

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

Right Out: 21.914+/-0.006 χ^2/NDF : 16254.1/17

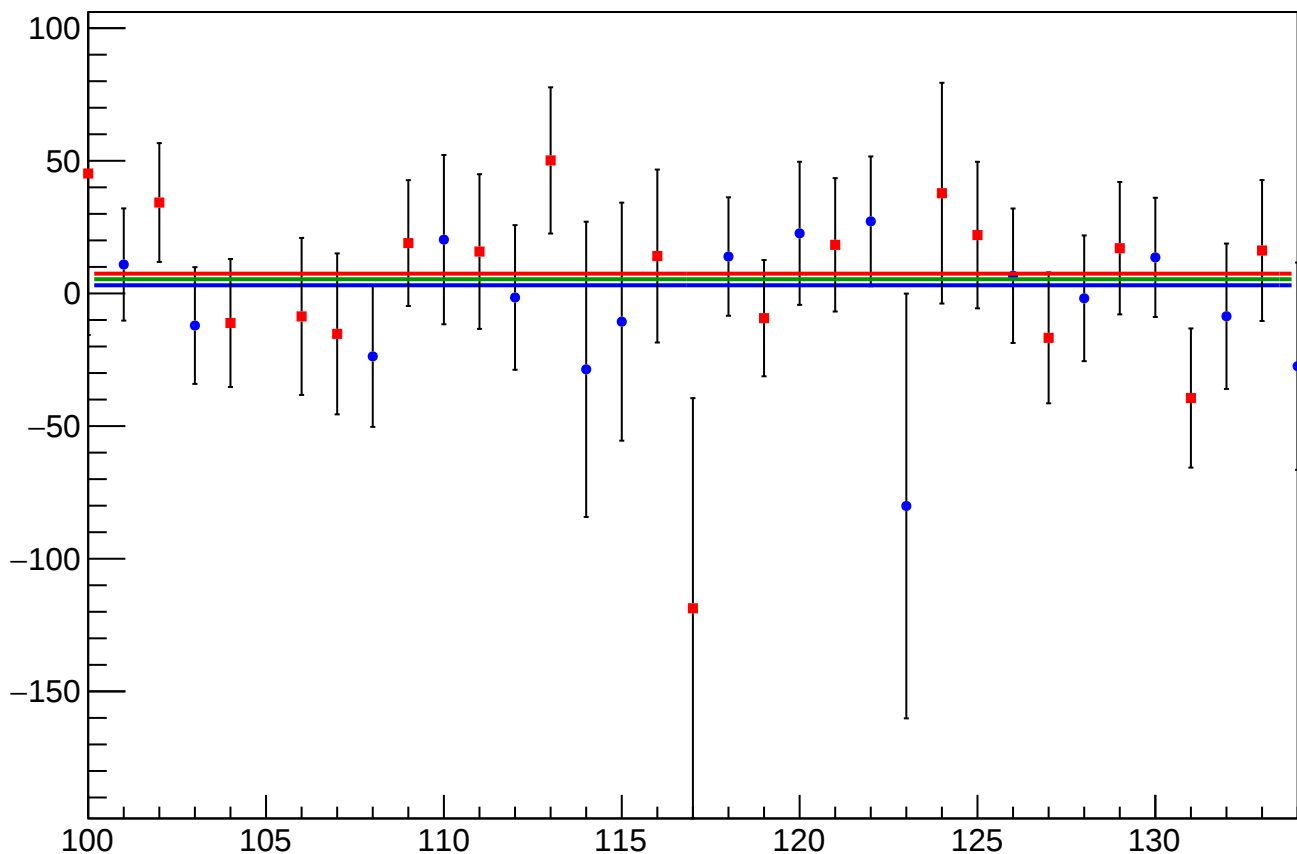
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.007+/-0.006 χ^2/NDF : 17543.4/15

21.958+/-0.004 χ^2/NDF : 33907.6/33

21.914+/-0.006 χ^2/NDF : 16254.1/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.081+/-6.839 χ^2/NDF : 6.3/15

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

Right Out: 7.458+/-6.557 χ^2/NDF : 14.6/17

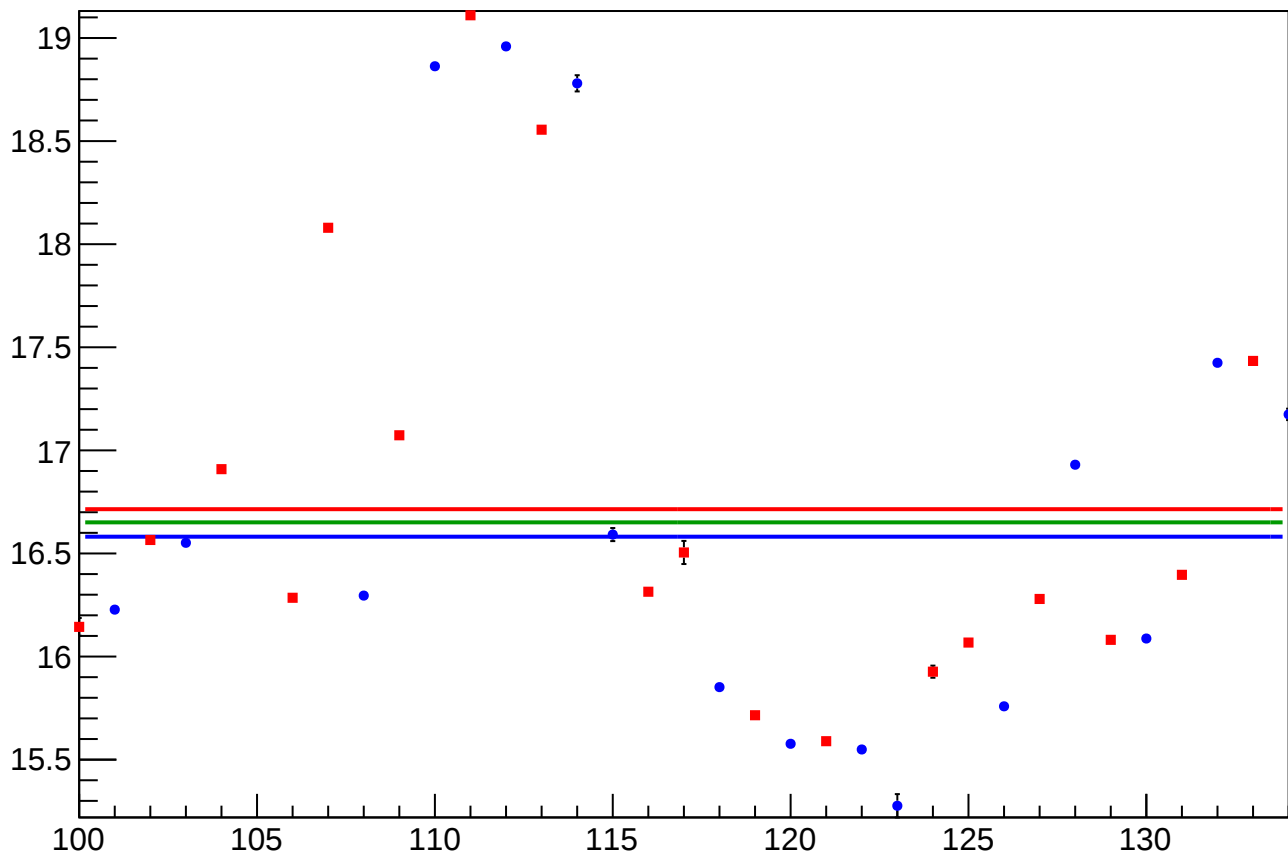
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.081+/-6.839 χ^2/NDF : 6.3/15

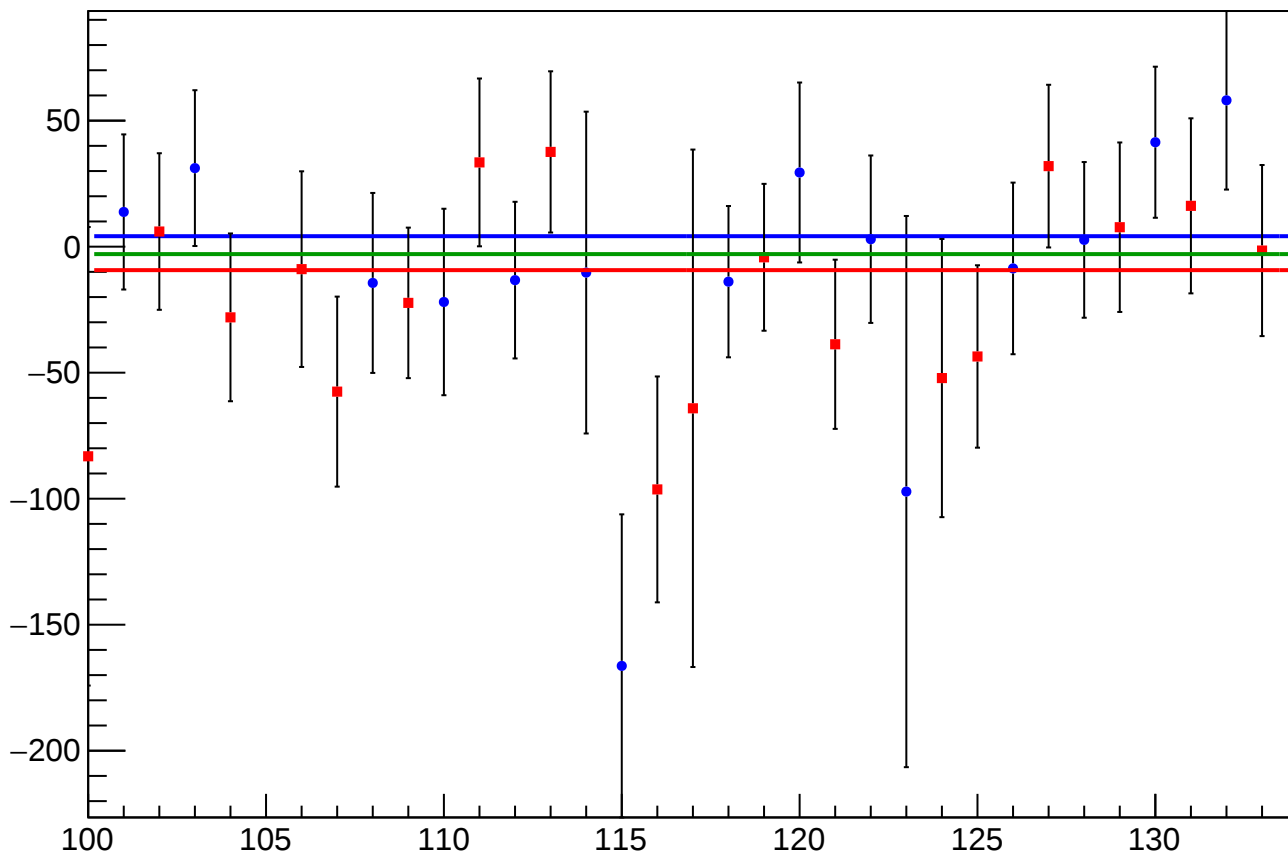
5.361+/-4.733 χ^2/NDF : 21.0/33

7.458+/-6.557 χ^2/NDF : 14.6/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.155+/-9.023 χ^2/NDF : 15.8/15

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

Right Out: -9.316+/-8.537 χ^2/NDF : 15.7/17

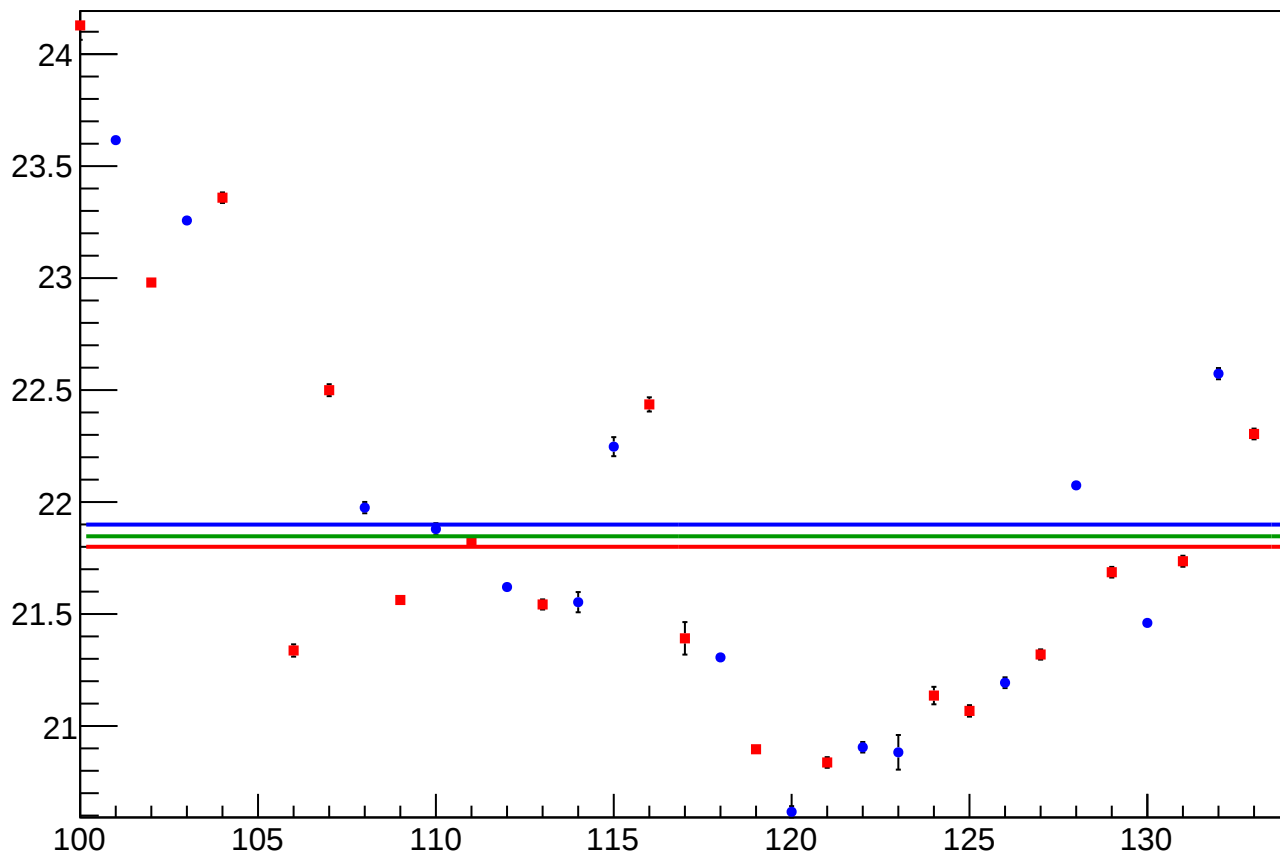
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.155+/-9.023 χ^2/NDF : 15.8/15

-2.953+/-6.202 χ^2/NDF : 32.6/33

-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: 21.899+/-0.006 χ^2/NDF : 17787.5/15

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

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

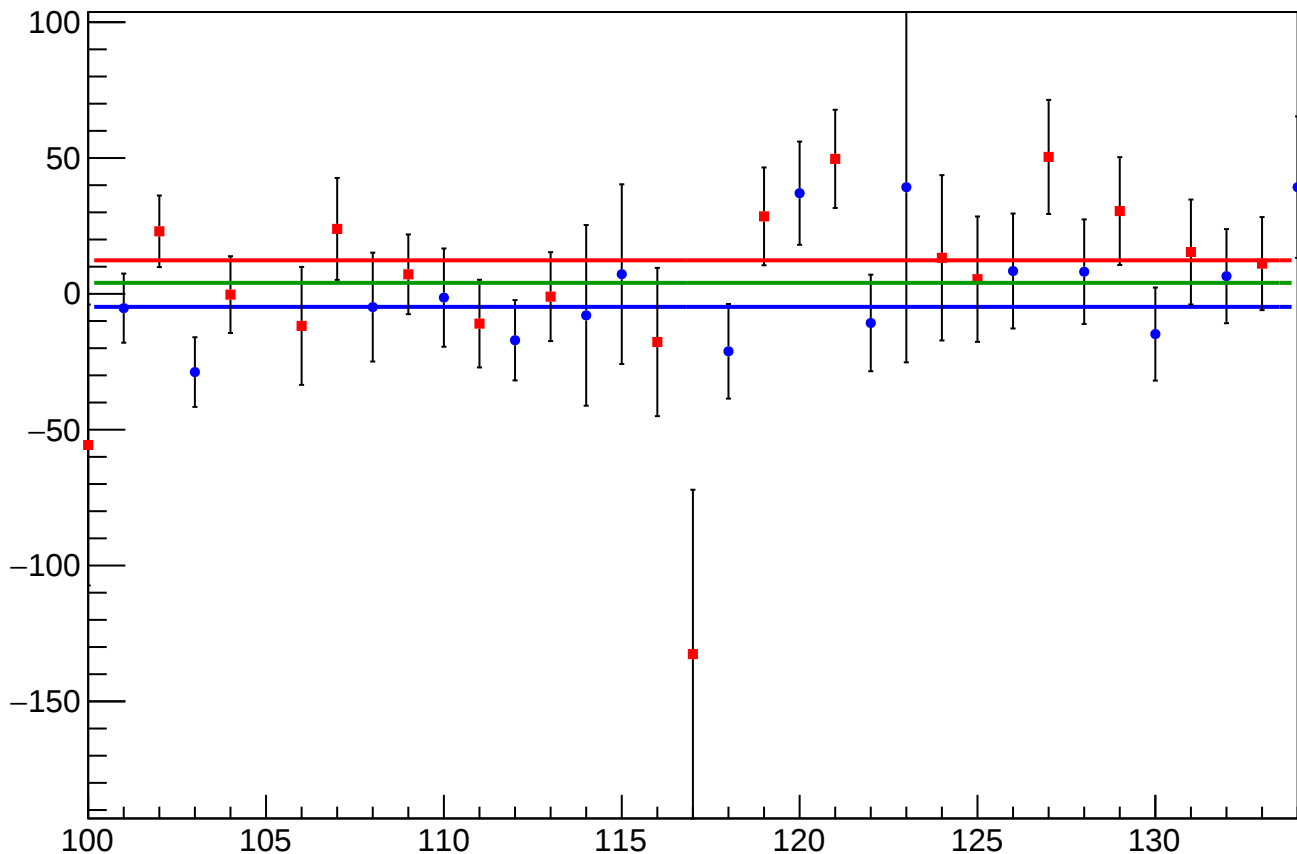
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.899+/-0.006 χ^2/NDF : 17787.5/15

21.847+/-0.004 χ^2/NDF : 33756.7/33

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: -4.789 ± 4.621 χ^2/NDF : 15.2/15

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

Right Out: 12.341 ± 4.474 χ^2/NDF : 23.9/17

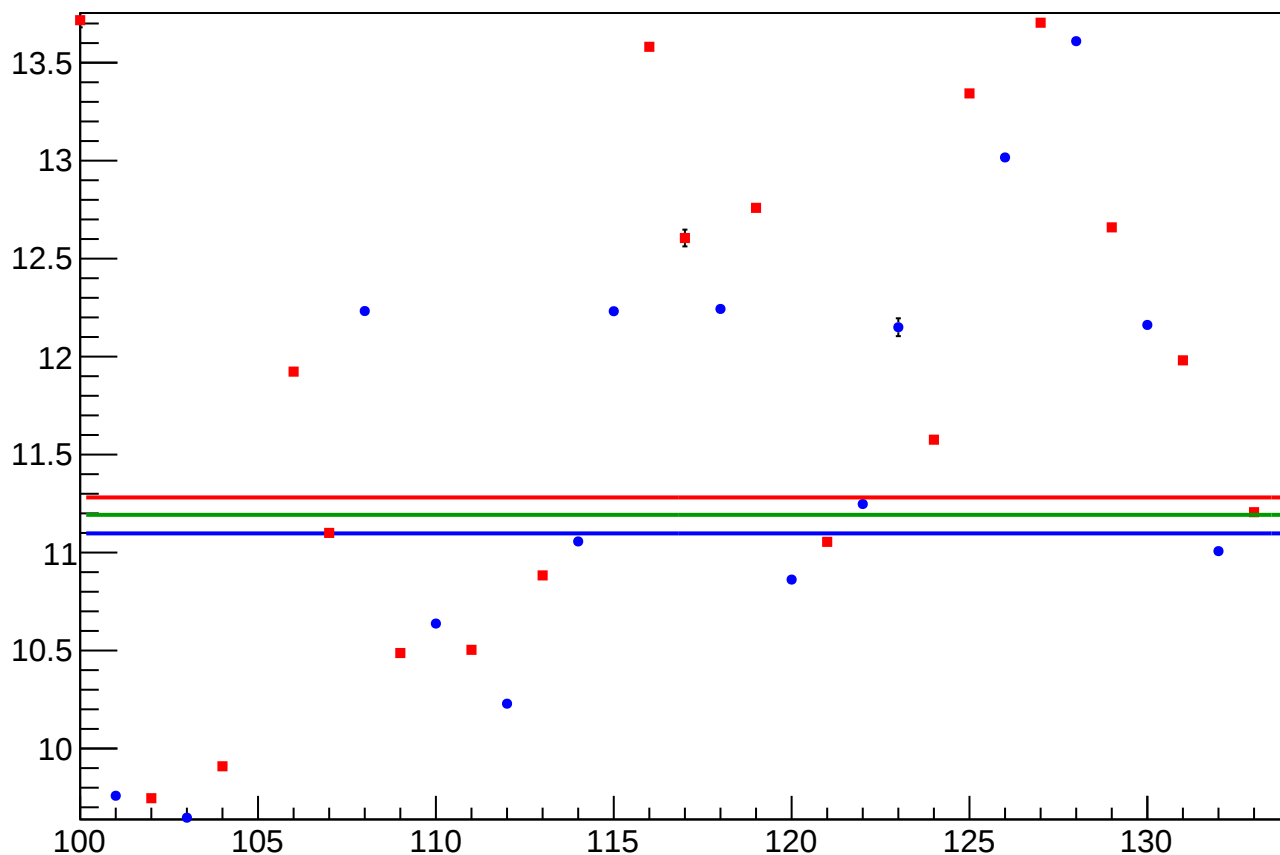
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.789 ± 4.621 χ^2/NDF : 15.2/15

4.053 ± 3.215 χ^2/NDF : 46.2/33

12.341 ± 4.474 χ^2/NDF : 23.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.098 $\pm$ 0.003 χ^2 /NDF: 132830.7/15

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

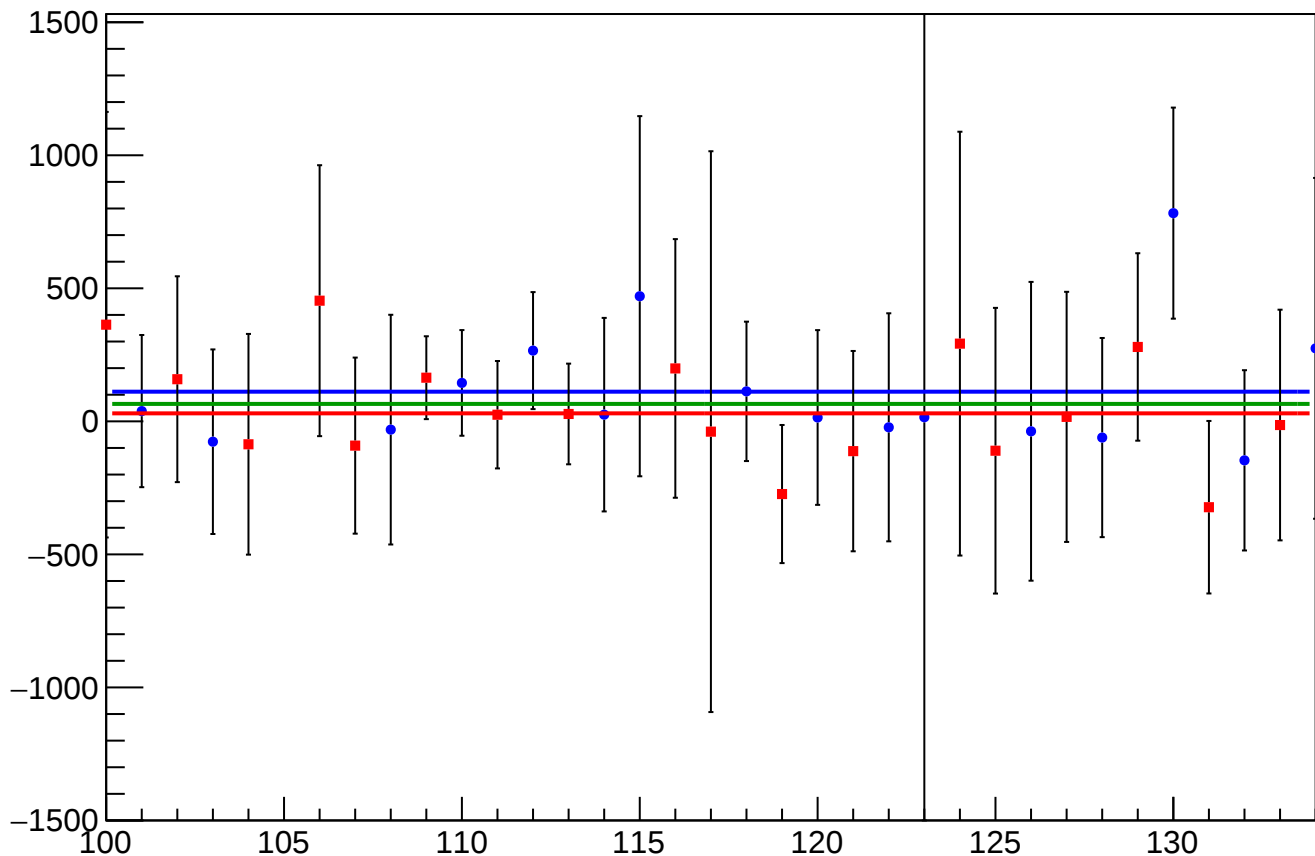
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.098 $\pm$ 0.003 χ^2 /NDF: 132830.7/15

11.193 $\pm$ 0.002 χ^2 /NDF: 282565.5/33

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: 111.485 $\pm$ 84.744 χ^2 /NDF: 5.3/15

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

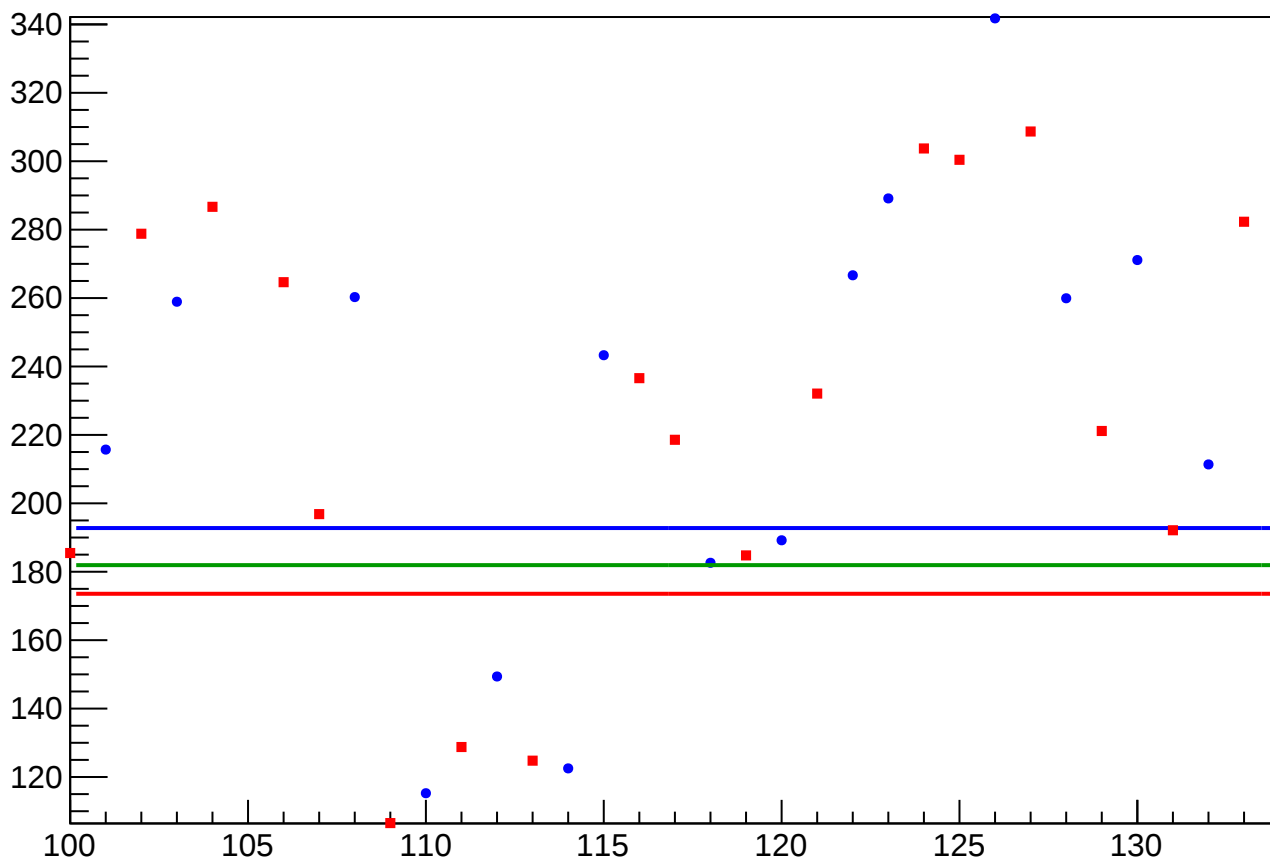
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

111.485 $\pm$ 84.744 χ^2 /NDF: 5.3/15

65.541 $\pm$ 55.944 χ^2 /NDF: 11.3/33

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: 192.774+/-0.060 χ^2/NDF : 1001612.3/15

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

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

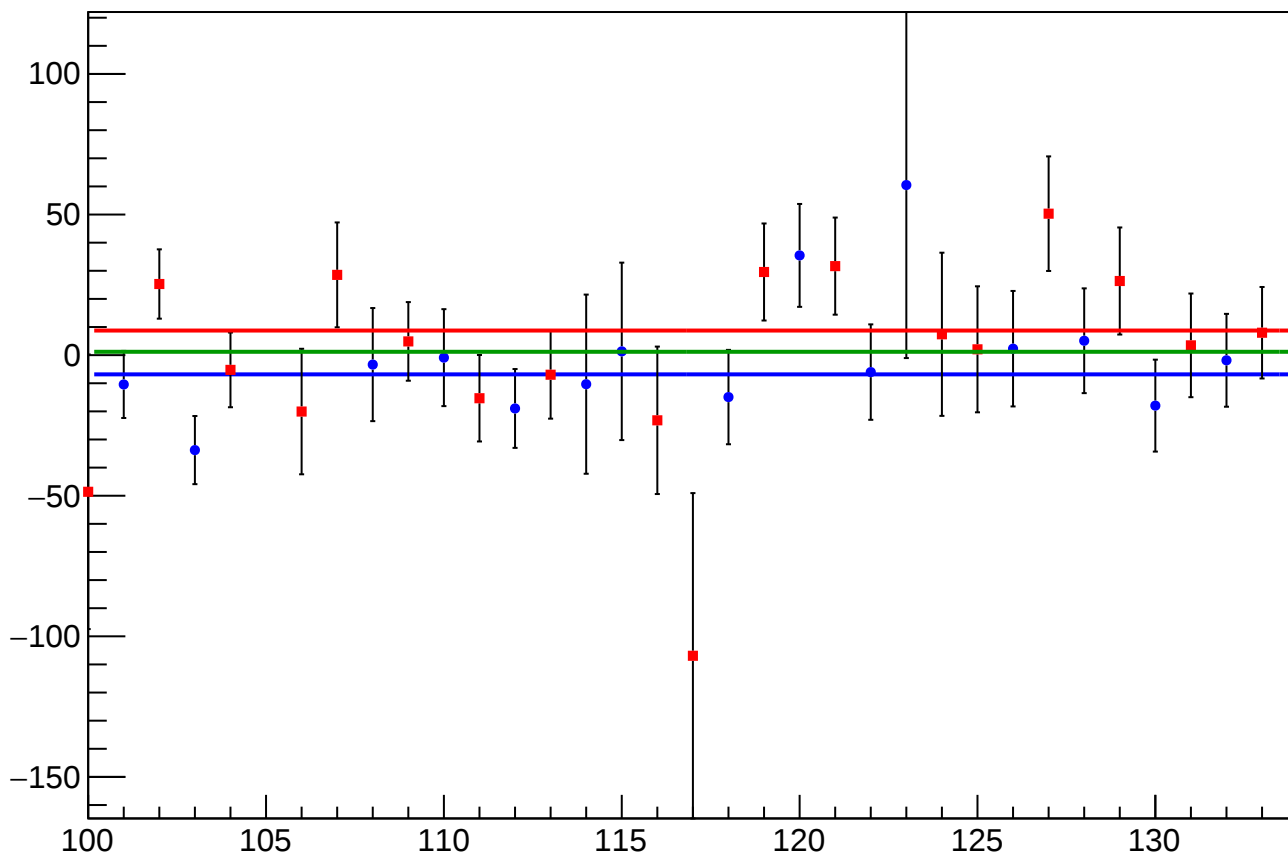
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.774+/-0.060 χ^2/NDF : 1001612.3/15

181.933+/-0.040 χ^2/NDF : 2621515.9/33

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: -6.836+/-4.414 χ^2 /NDF: 18.5/15

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

Right Out: 8.748+/-4.283 χ^2 /NDF: 24.5/17

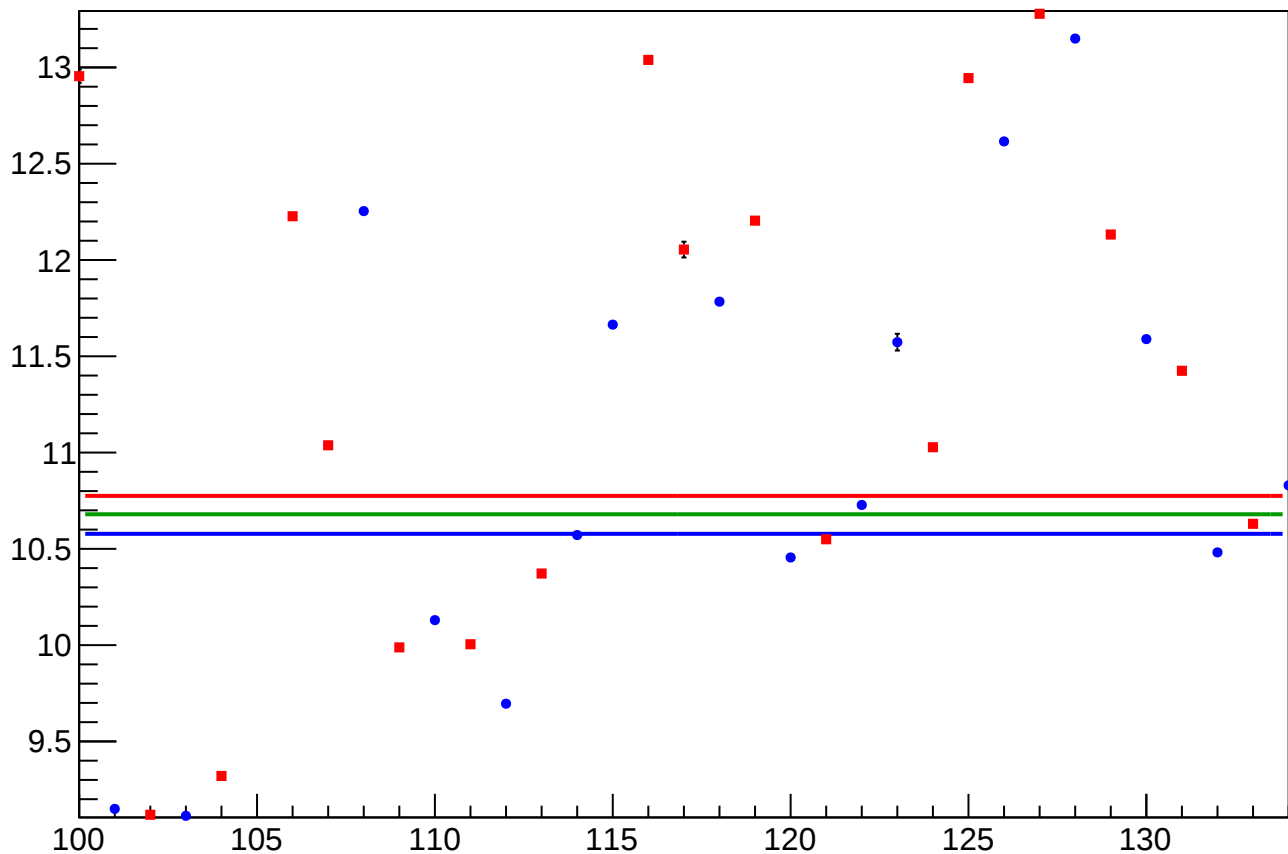
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.836+/-4.414 χ^2 /NDF: 18.5/15

1.192+/-3.074 χ^2 /NDF: 49.4/33

8.748+/-4.283 χ^2 /NDF: 24.5/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.578 ± 0.003 χ^2/NDF : 160230.3/15

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

Right Out: 10.775 ± 0.003 χ^2/NDF : 177422.5/17

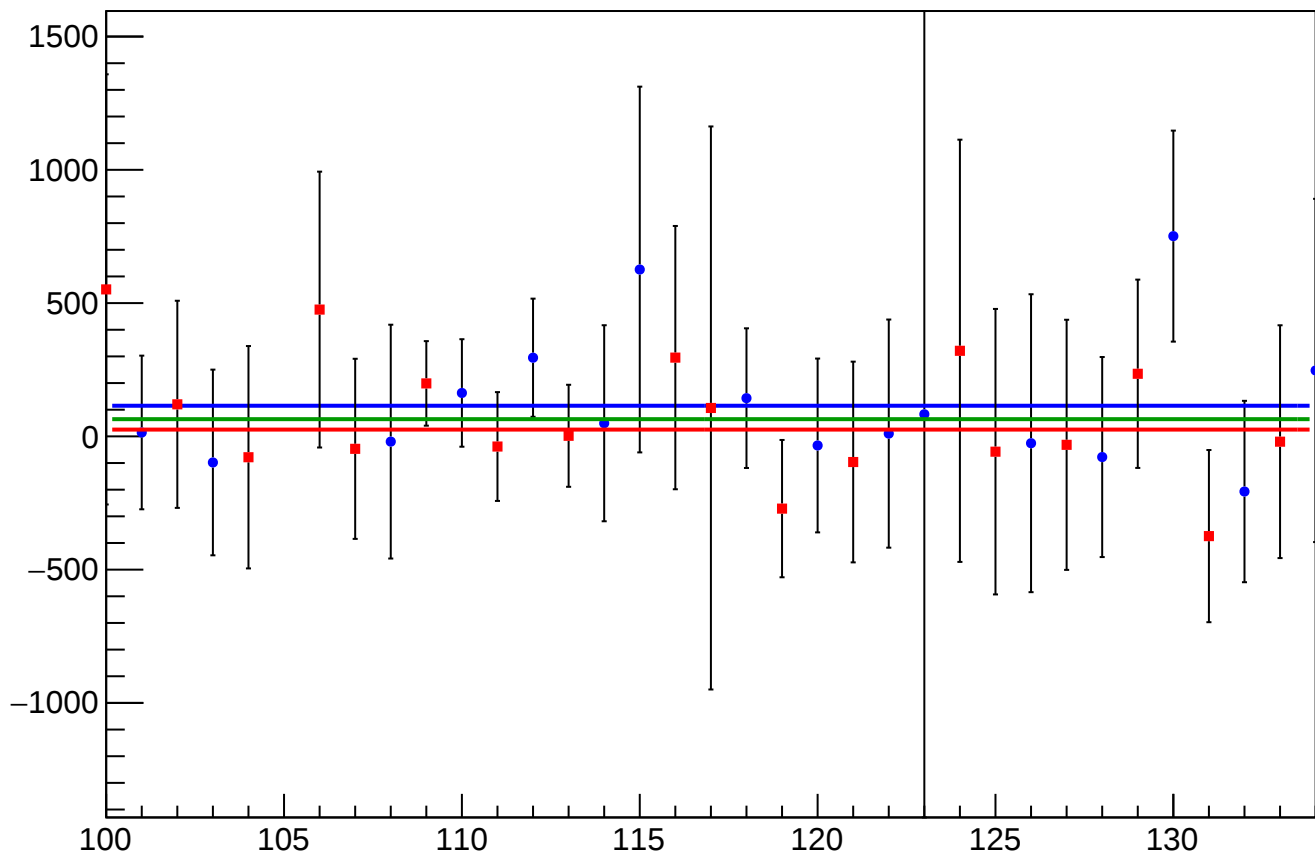
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.578 ± 0.003 χ^2/NDF : 160230.3/15

10.680 ± 0.002 χ^2/NDF : 339707.3/33

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: 114.902 $\pm$ 85.265 χ^2 /NDF: 6.0/15

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

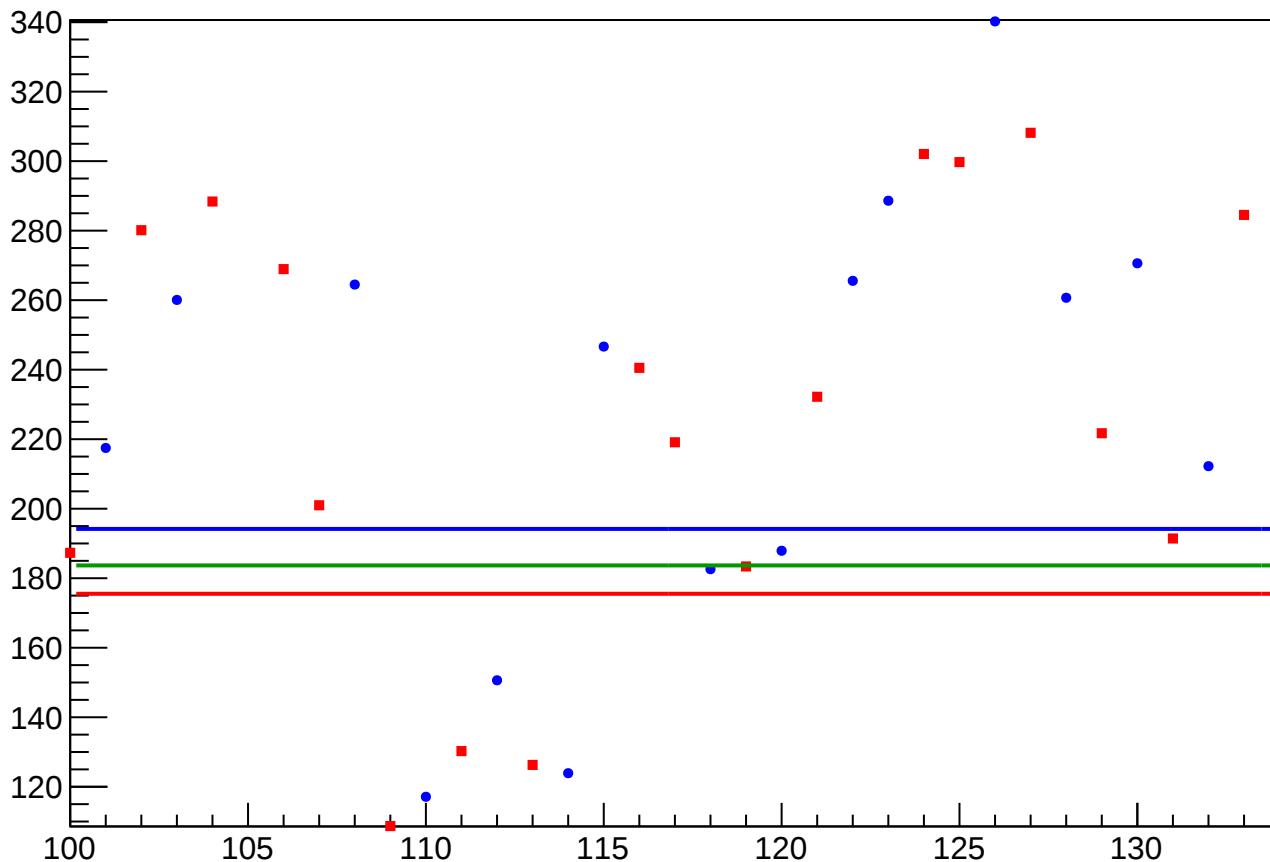
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

114.902 $\pm$ 85.265 χ^2 /NDF: 6.0/15

64.555 $\pm$ 56.382 χ^2 /NDF: 13.1/33

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: 194.186 $\pm$ 0.060 χ^2 /NDF: 975842.6/15

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

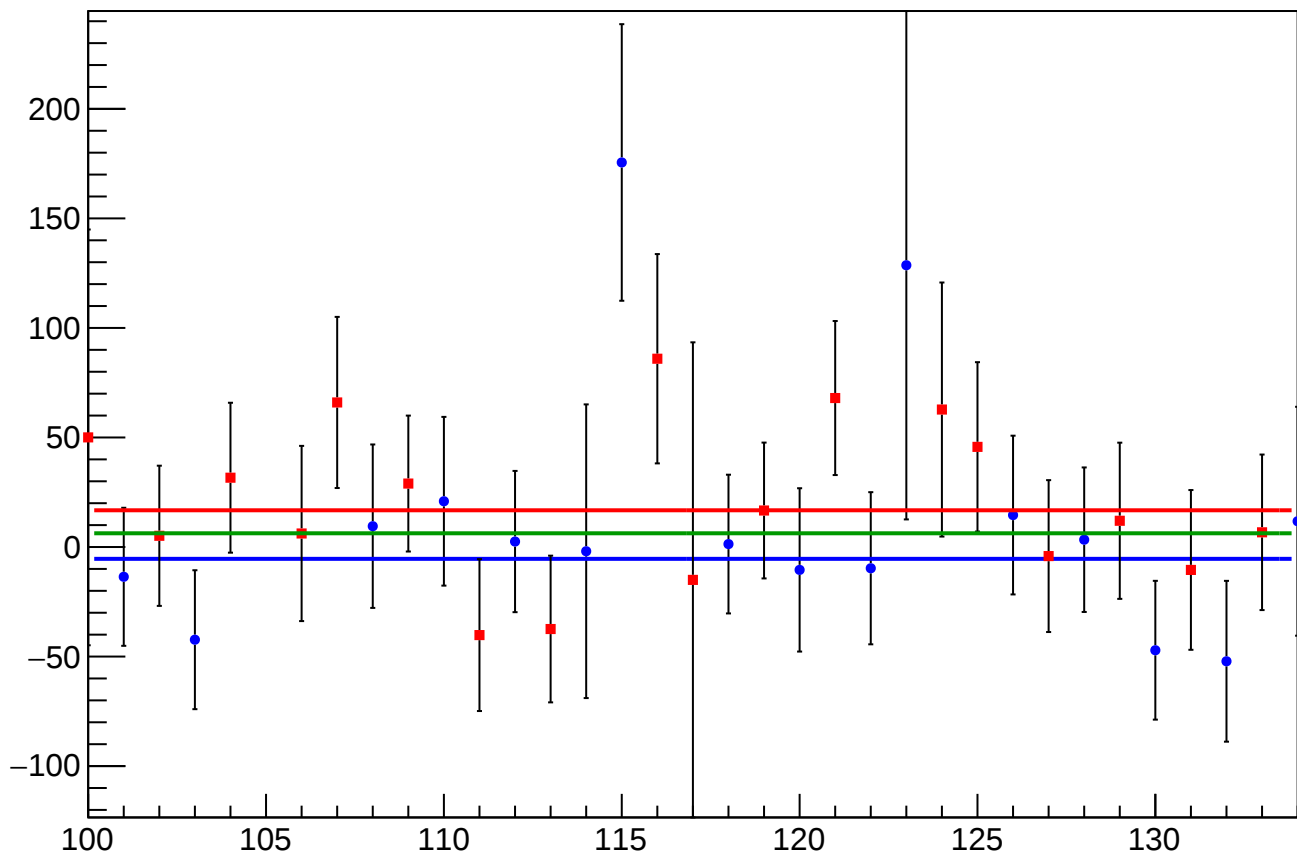
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.186 $\pm$ 0.060 χ^2 /NDF: 975842.6/15

183.685 $\pm$ 0.040 χ^2 /NDF: 2551034.3/33

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: -5.398+/-9.433 χ^2/NDF : 15.6/15

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

Right Out: 16.767+/-8.948 χ^2/NDF : 14.1/17

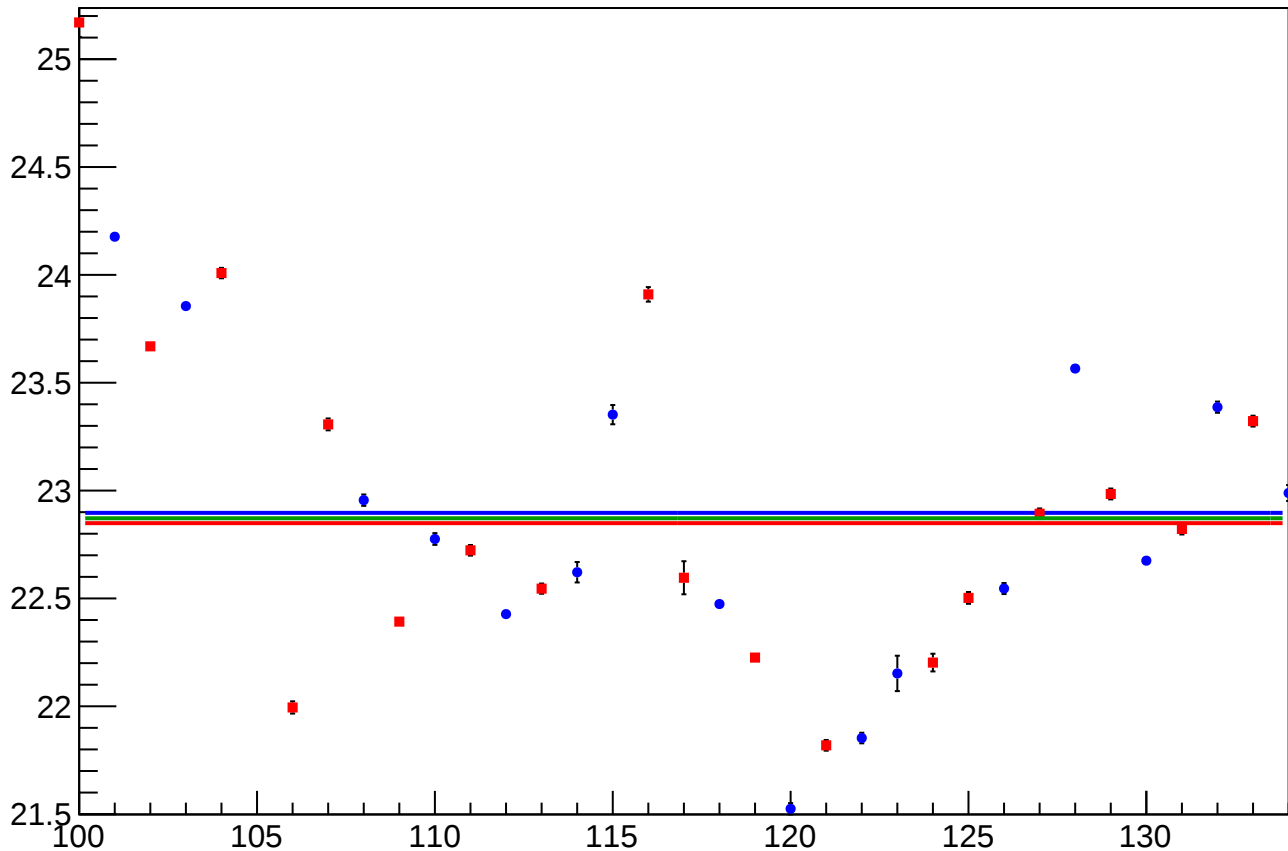
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.398+/-9.433 χ^2/NDF : 15.6/15

6.269+/-6.492 χ^2/NDF : 32.6/33

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: 22.897+/-0.007 χ^2/NDF : 12142.8/15

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

Right Out: 22.849+/-0.006 χ^2/NDF : 10936.6/17

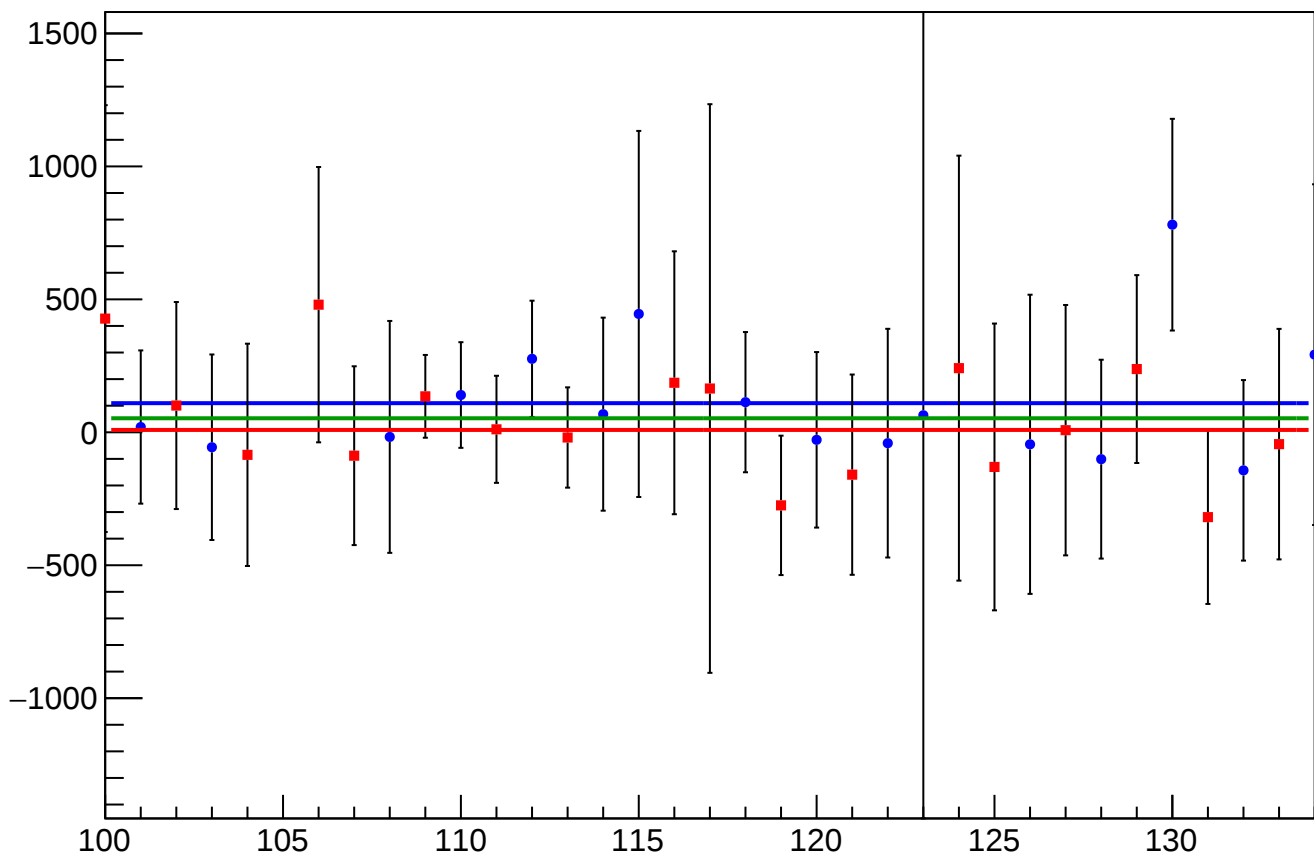
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.897+/-0.007 χ^2/NDF : 12142.8/15

22.872+/-0.005 χ^2/NDF : 23106.4/33

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: 109.544 $\pm$ 84.937 χ^2 /NDF: 5.4/15

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

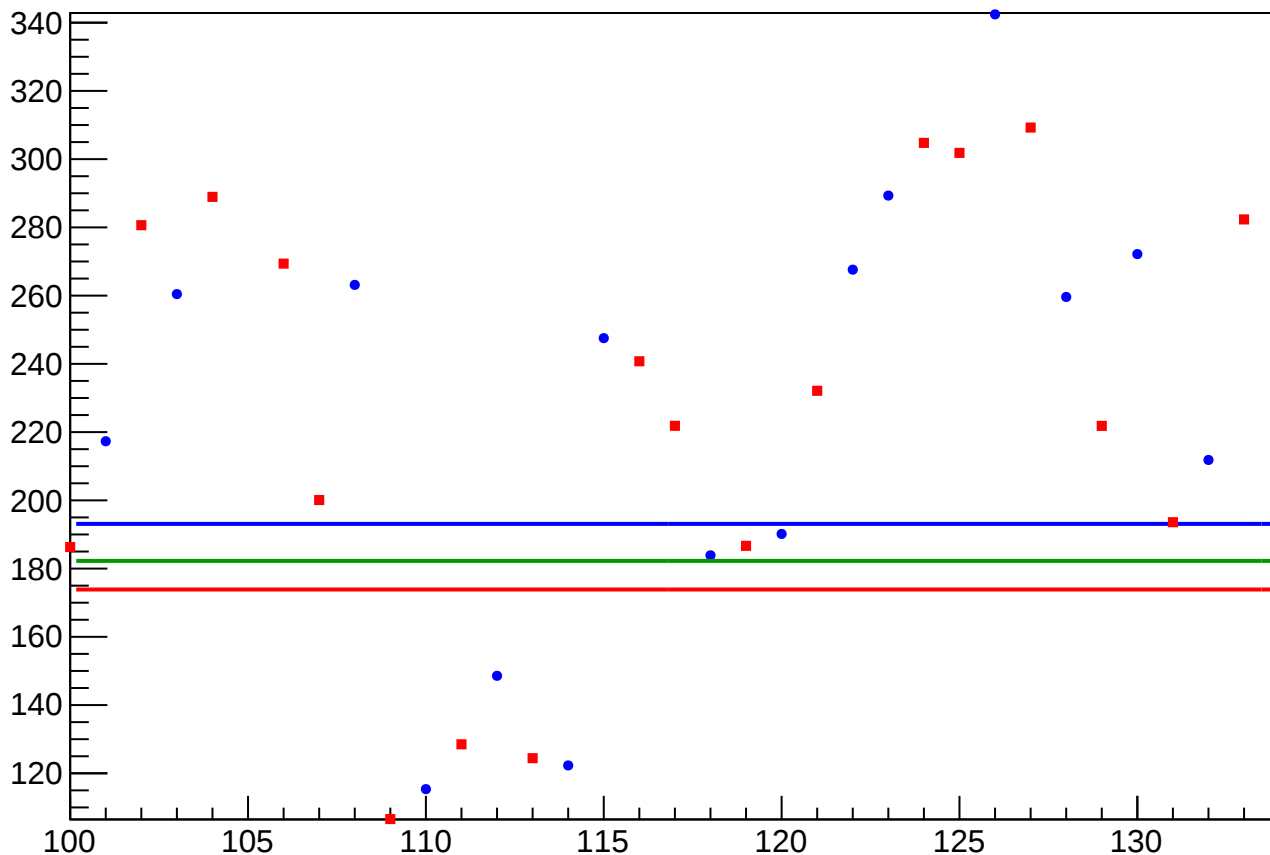
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.544 $\pm$ 84.937 χ^2 /NDF: 5.4/15

52.764 $\pm$ 56.086 χ^2 /NDF: 11.3/33

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: 193.102+/-0.060 χ^2/NDF : 1016146.6/15

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

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

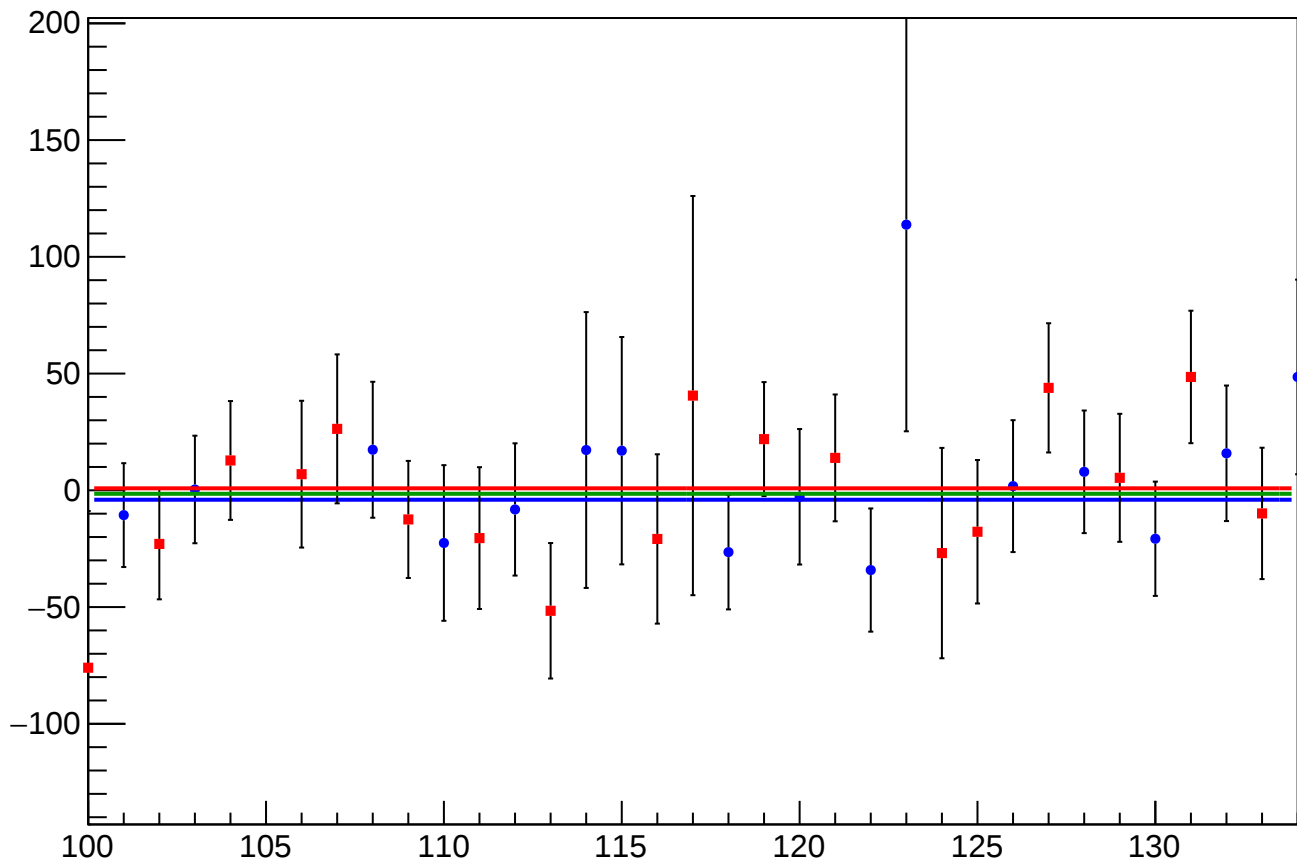
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.102+/-0.060 χ^2/NDF : 1016146.6/15

182.255+/-0.040 χ^2/NDF : 2663460.3/33

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: -4.031+/-7.354 χ^2/NDF : 8.0/15

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

Right Out: 0.858+/-7.066 χ^2/NDF : 15.0/17

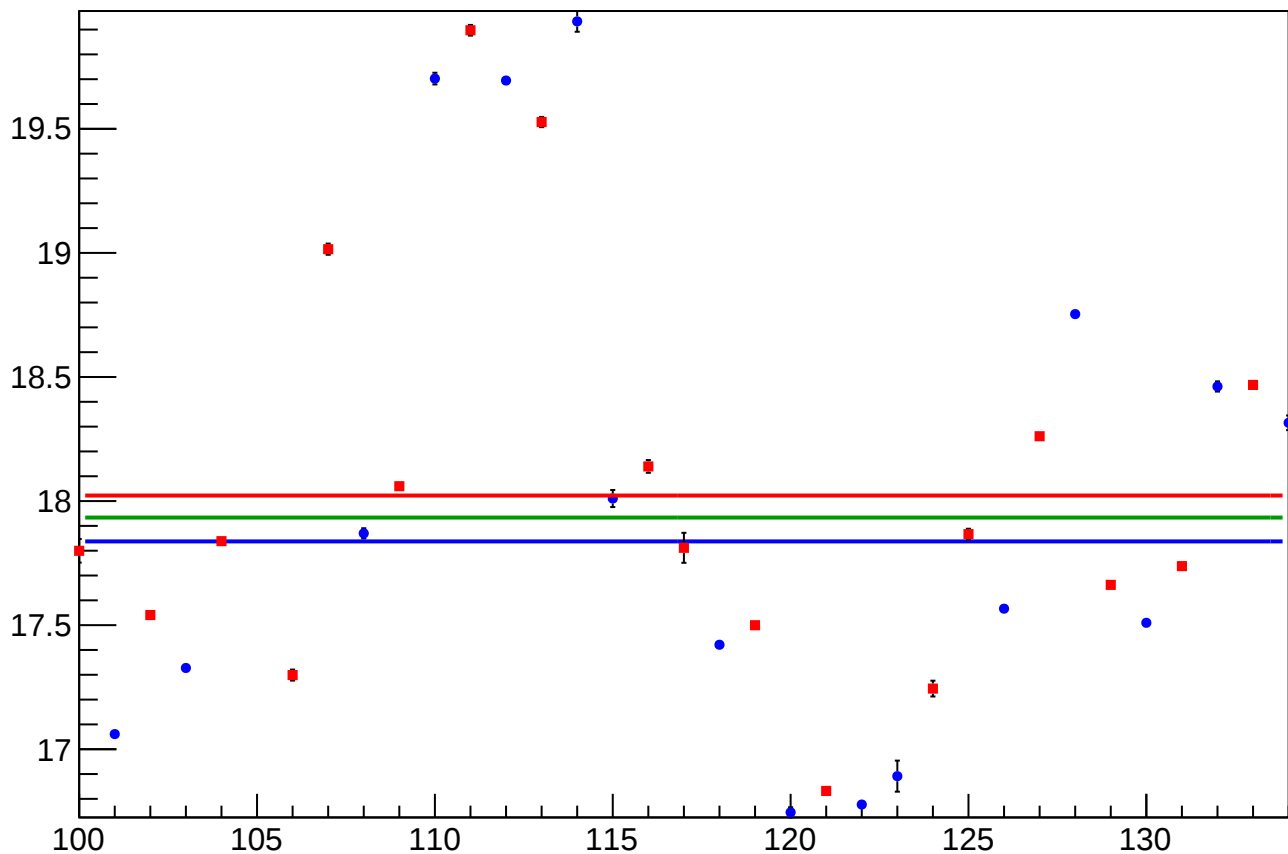
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.031+/-7.354 χ^2/NDF : 8.0/15

-1.489+/-5.095 χ^2/NDF : 23.2/33

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: 17.837 ± 0.005 $\chi^2/\text{NDF}: 31859.9/15$

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

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

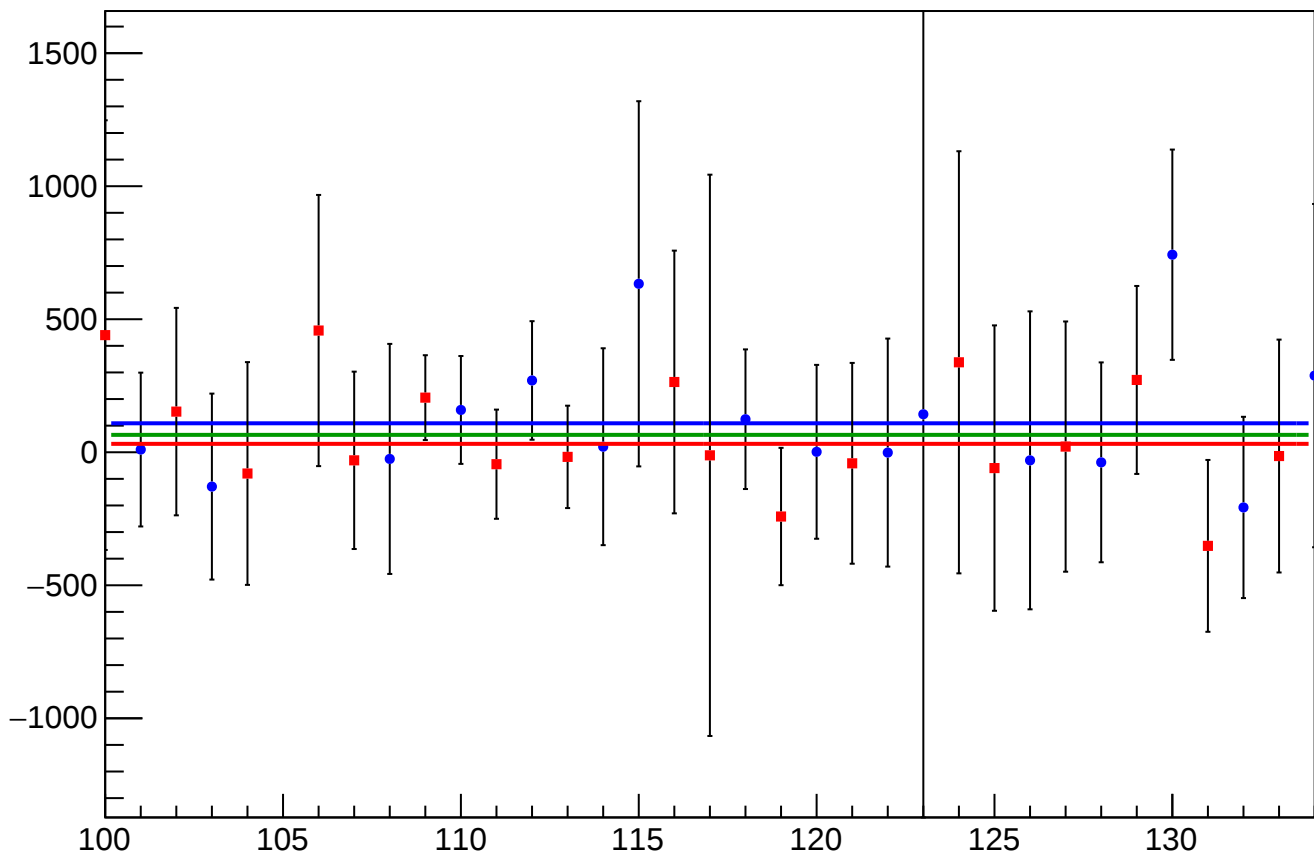
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.837 ± 0.005 $\chi^2/\text{NDF}: 31859.9/15$

17.934 ± 0.004 $\chi^2/\text{NDF}: 56112.8/33$

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: 108.871+/-85.475 χ^2/NDF : 5.8/15

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

Right Out: 31.584+/-75.336 χ^2/NDF : 6.0/17

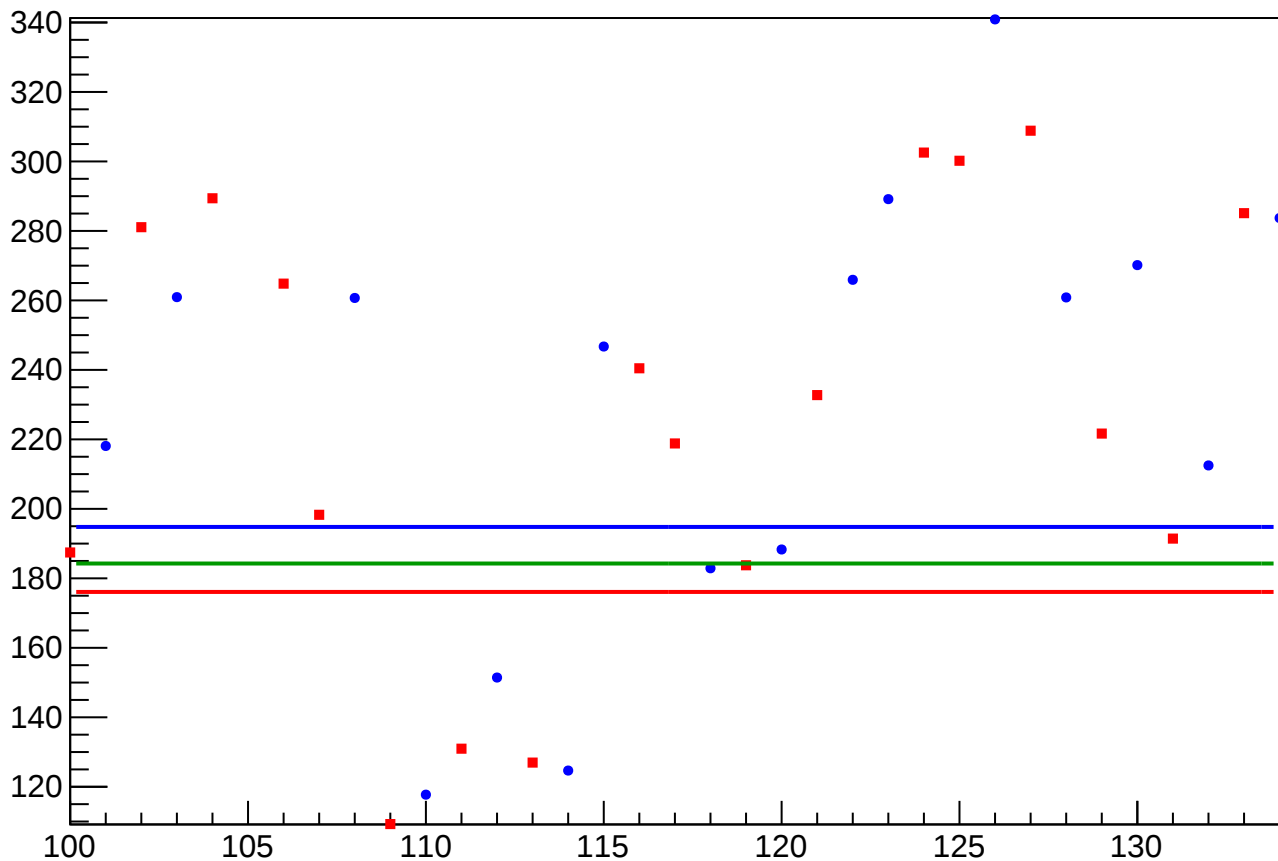
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

108.871+/-85.475 χ^2/NDF : 5.8/15

65.374+/-56.517 χ^2/NDF : 12.3/33

31.584+/-75.336 χ^2/NDF : 6.0/17

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.797 $\pm$ 0.060 χ^2 /NDF: 960986.4/15

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

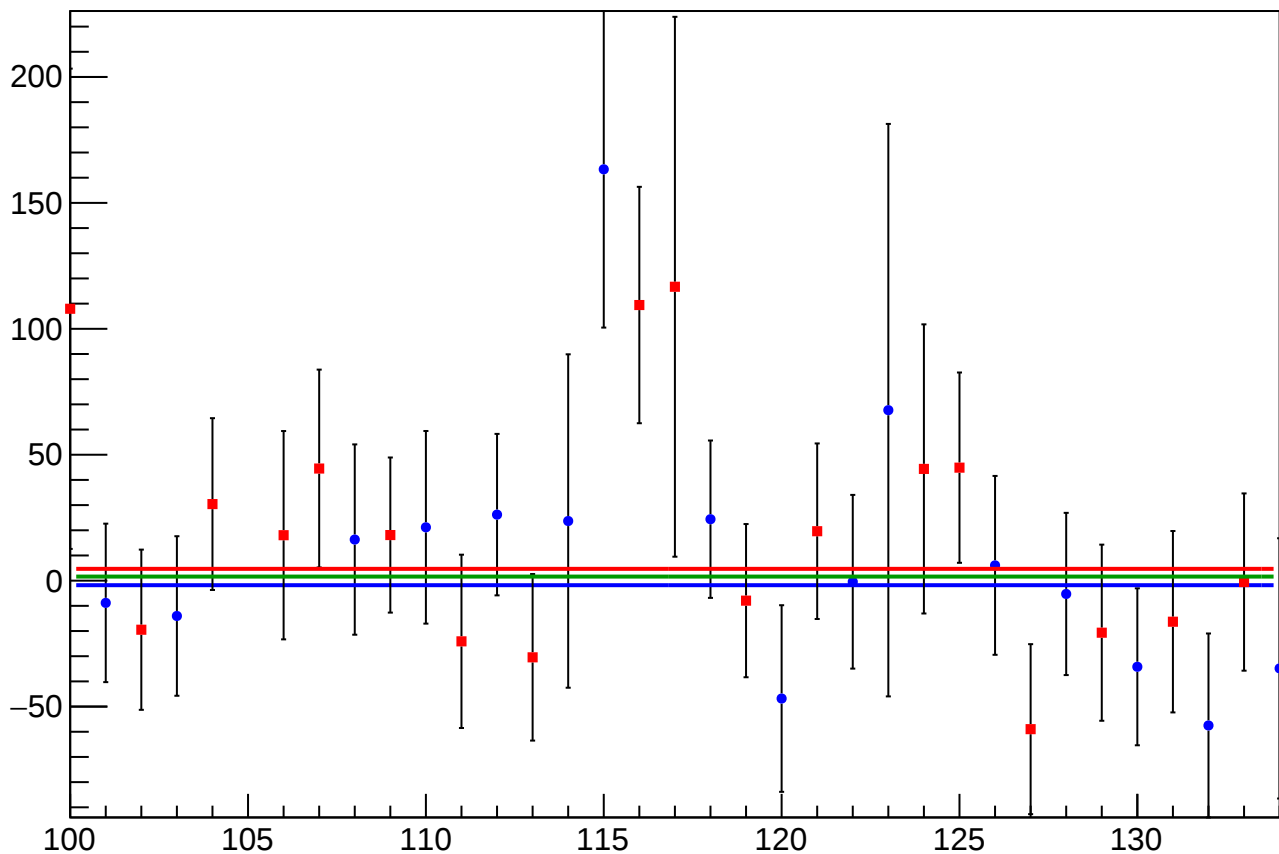
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.797 $\pm$ 0.060 χ^2 /NDF: 960986.4/15

184.266 $\pm$ 0.040 χ^2 /NDF: 2517970.8/33

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: -1.802+/-9.355 χ^2/NDF : 15.0/15

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

Right Out: 4.690+/-8.864 χ^2/NDF : 18.0/17

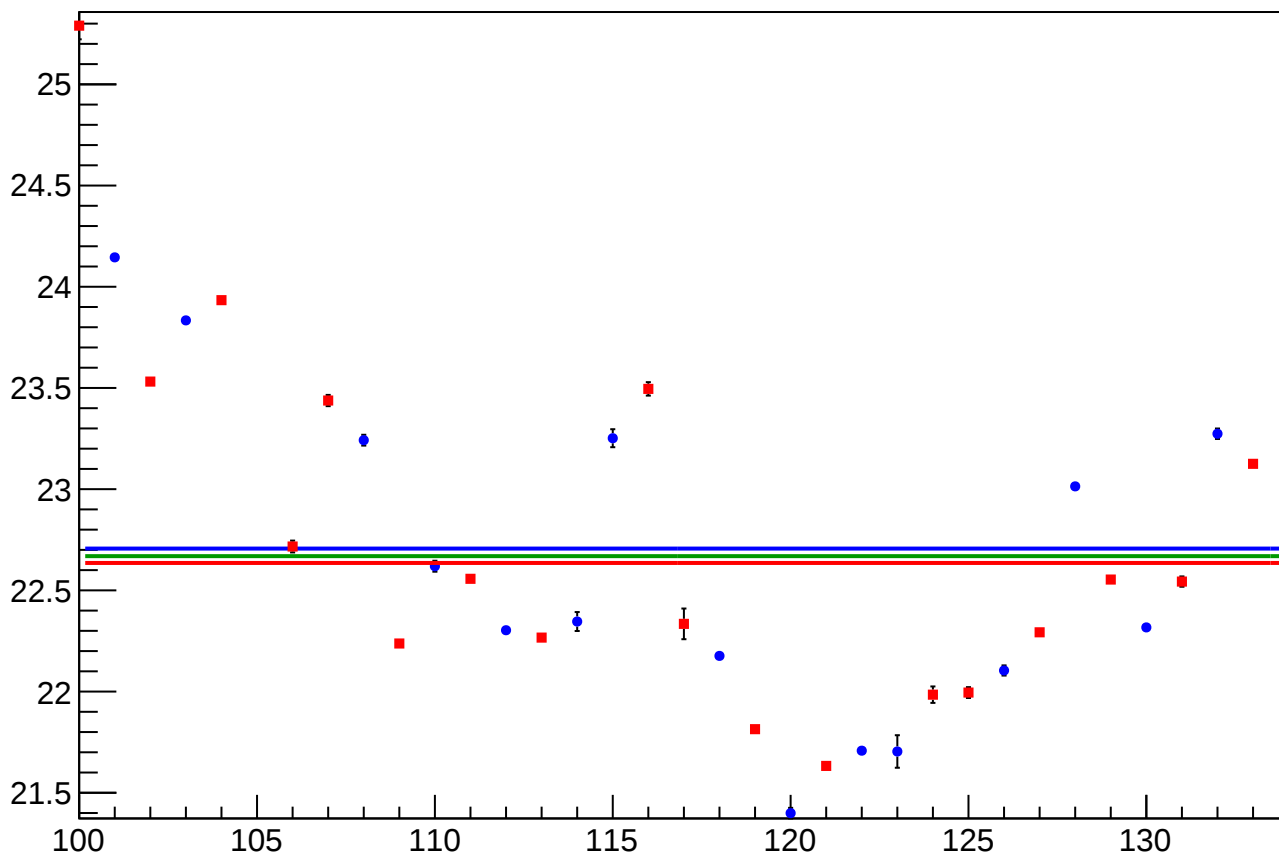
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.802+/-9.355 χ^2/NDF : 15.0/15

1.619+/-6.434 χ^2/NDF : 33.2/33

4.690+/-8.864 χ^2/NDF : 18.0/17

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.706+/-0.007 χ^2 /NDF: 14104.6/15

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

Right Out: 22.635+/-0.006 χ^2 /NDF: 12720.5/17

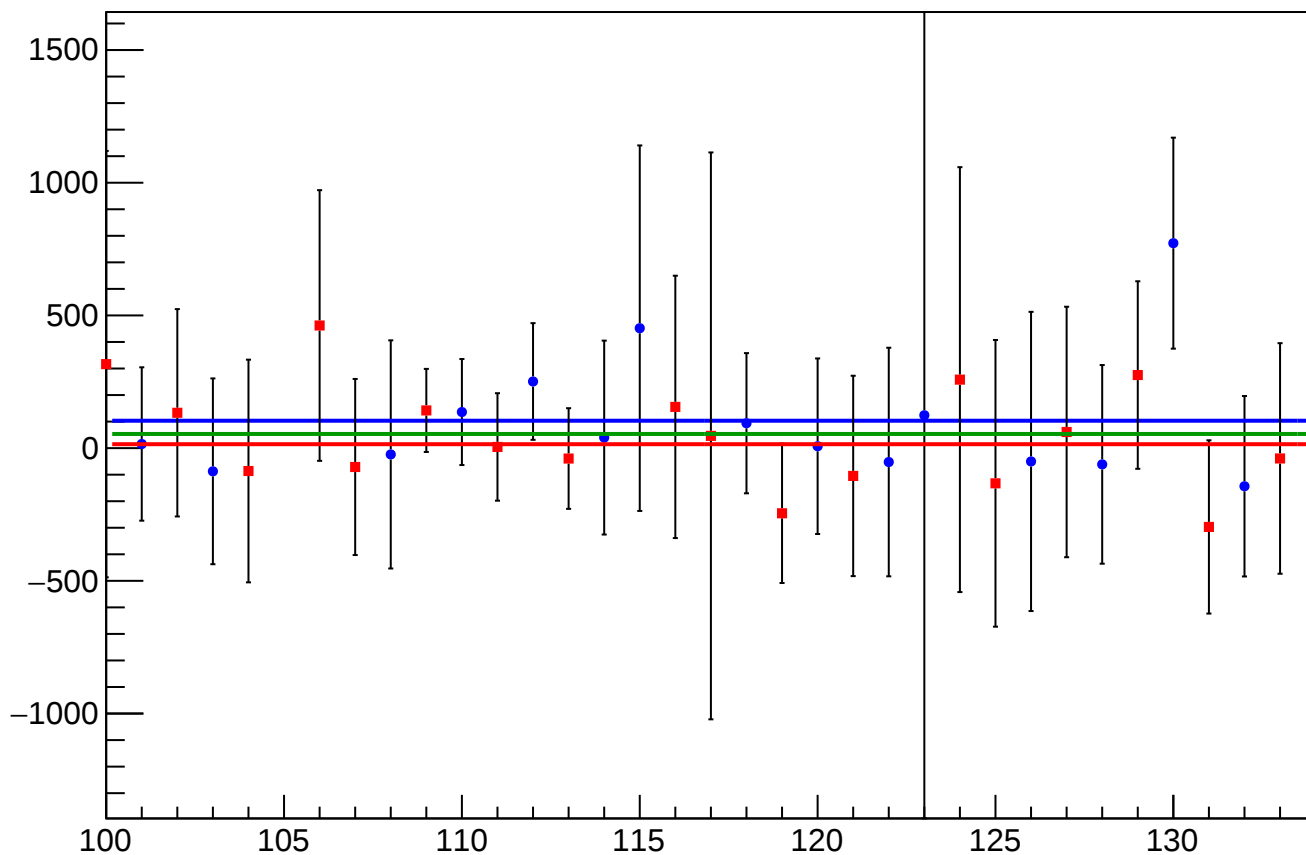
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

22.706+/-0.007 χ^2 /NDF: 14104.6/15

22.669+/-0.005 χ^2 /NDF: 26885.9/33

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: 103.277 $\pm$ 85.150 χ^2 /NDF: 5.2/15

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

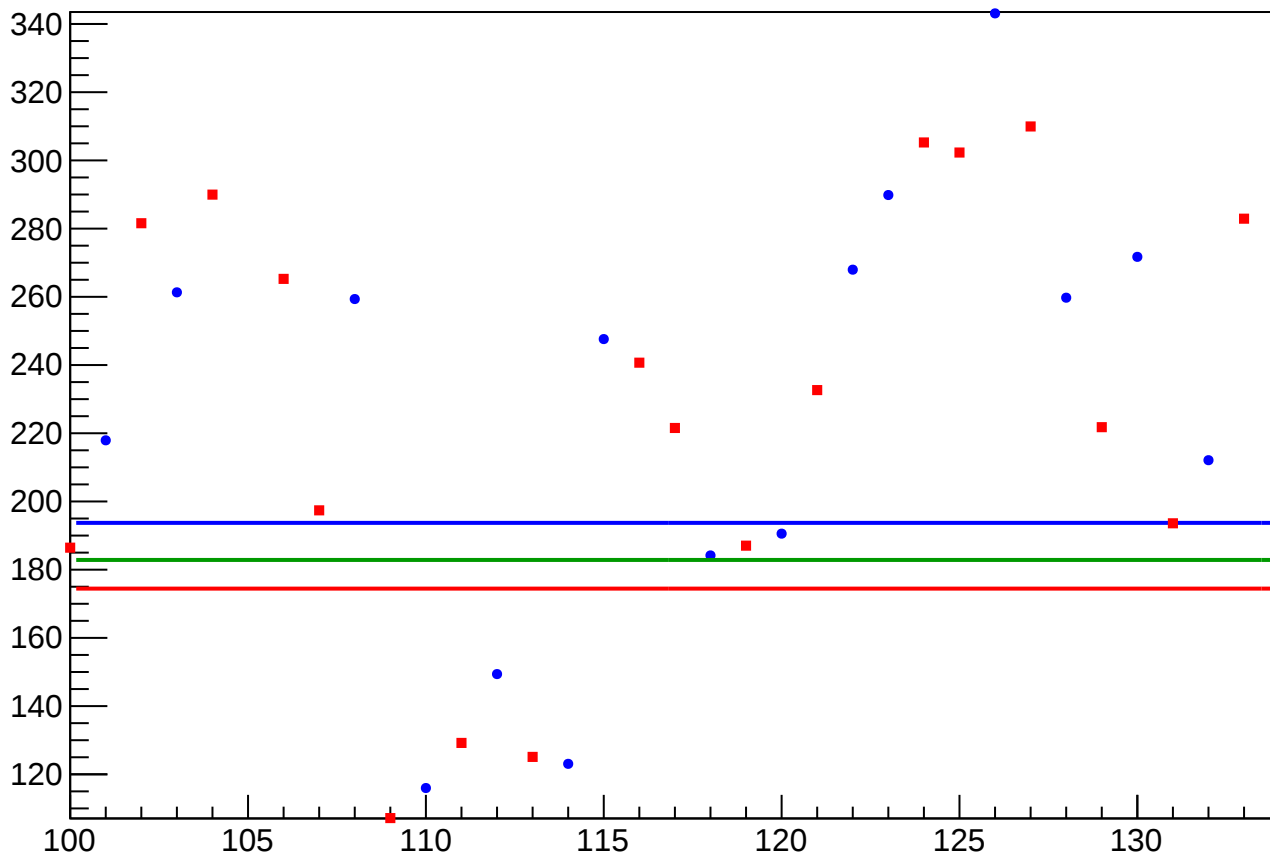
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.277 $\pm$ 85.150 χ^2 /NDF: 5.2/15

53.390 $\pm$ 56.225 χ^2 /NDF: 10.5/33

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: 193.725+/-0.060 χ^2/NDF : 1000604.9/15

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

Right Out: 174.449+/-0.053 χ^2/NDF : 1570316.2/17

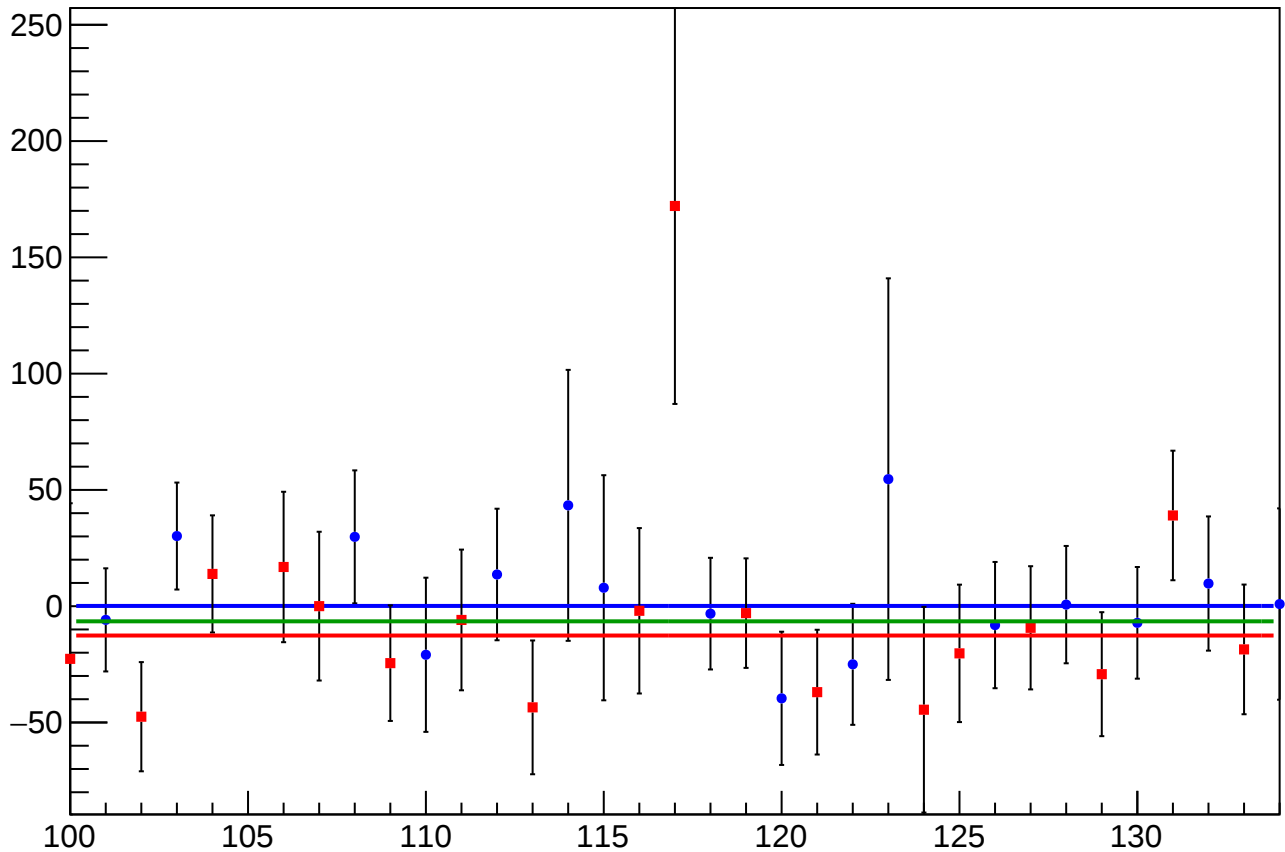
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.725+/-0.060 χ^2/NDF : 1000604.9/15

182.854+/-0.040 χ^2/NDF : 2628728.5/33

174.449+/-0.053 χ^2/NDF : 1570316.2/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.115 $\pm$ 7.245 χ^2/NDF : 7.6/15

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

Right Out: -12.612 $\pm$ 6.958 χ^2/NDF : 16.0/17

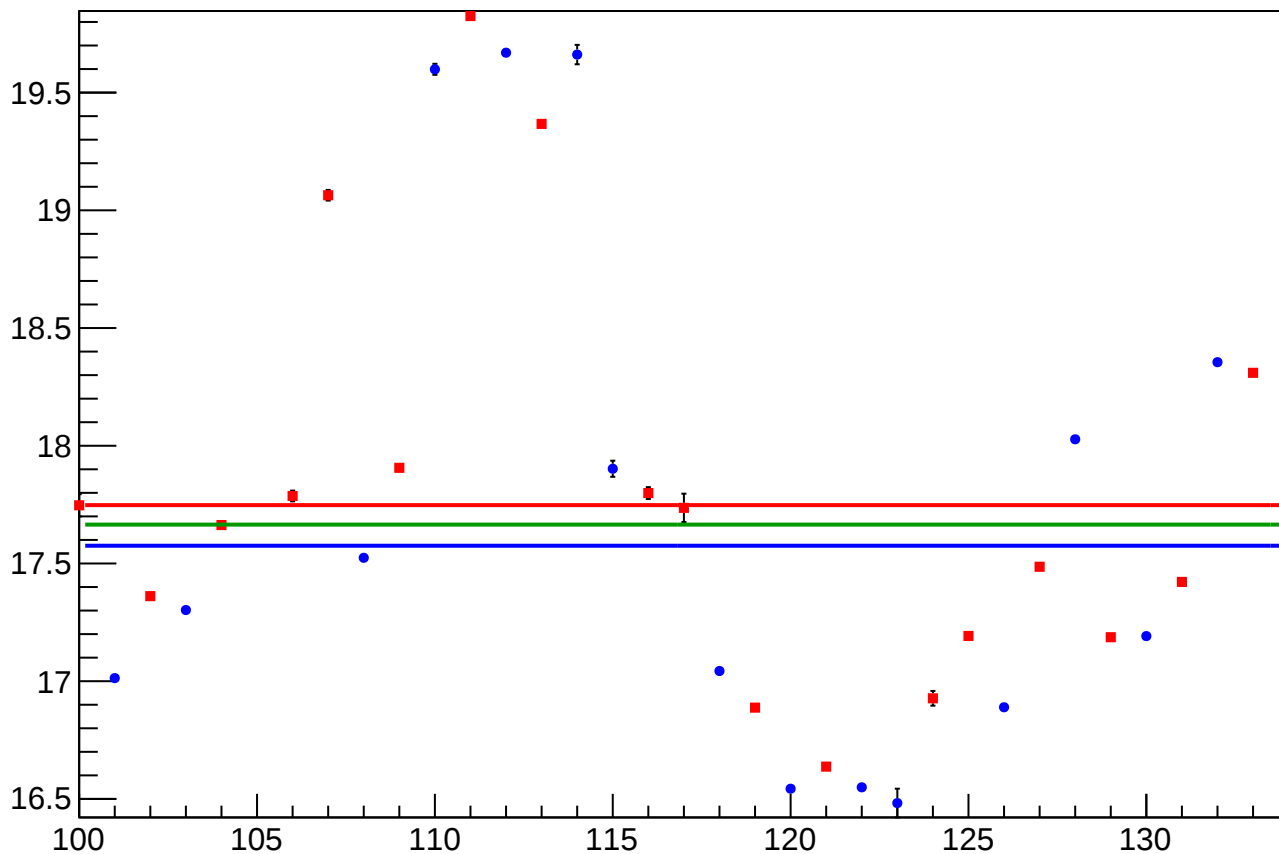
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.115 $\pm$ 7.245 χ^2/NDF : 7.6/15

-6.506 $\pm$ 5.019 χ^2/NDF : 25.3/33

-12.612 $\pm$ 6.958 χ^2/NDF : 16.0/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.575 ± 0.005 $\chi^2/\text{NDF}: 33856.3/15$

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

Right Out: 17.748 ± 0.005 $\chi^2/\text{NDF}: 29468.3/17$

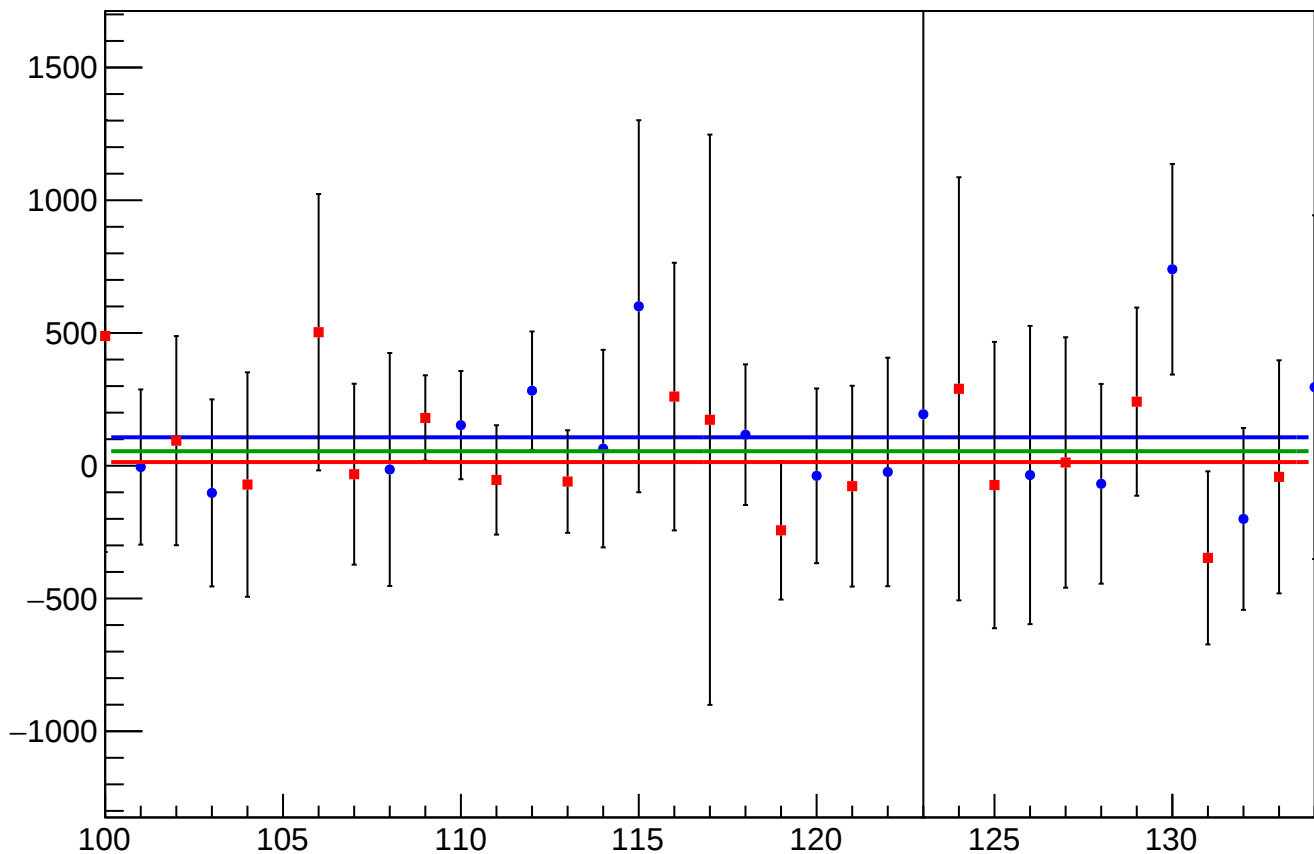
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.575 ± 0.005 $\chi^2/\text{NDF}: 33856.3/15$

17.665 ± 0.004 $\chi^2/\text{NDF}: 63914.2/33$

17.748 ± 0.005 $\chi^2/\text{NDF}: 29468.3/17$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.150 $\pm$ 85.991 χ^2 /NDF: 5.8/15

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

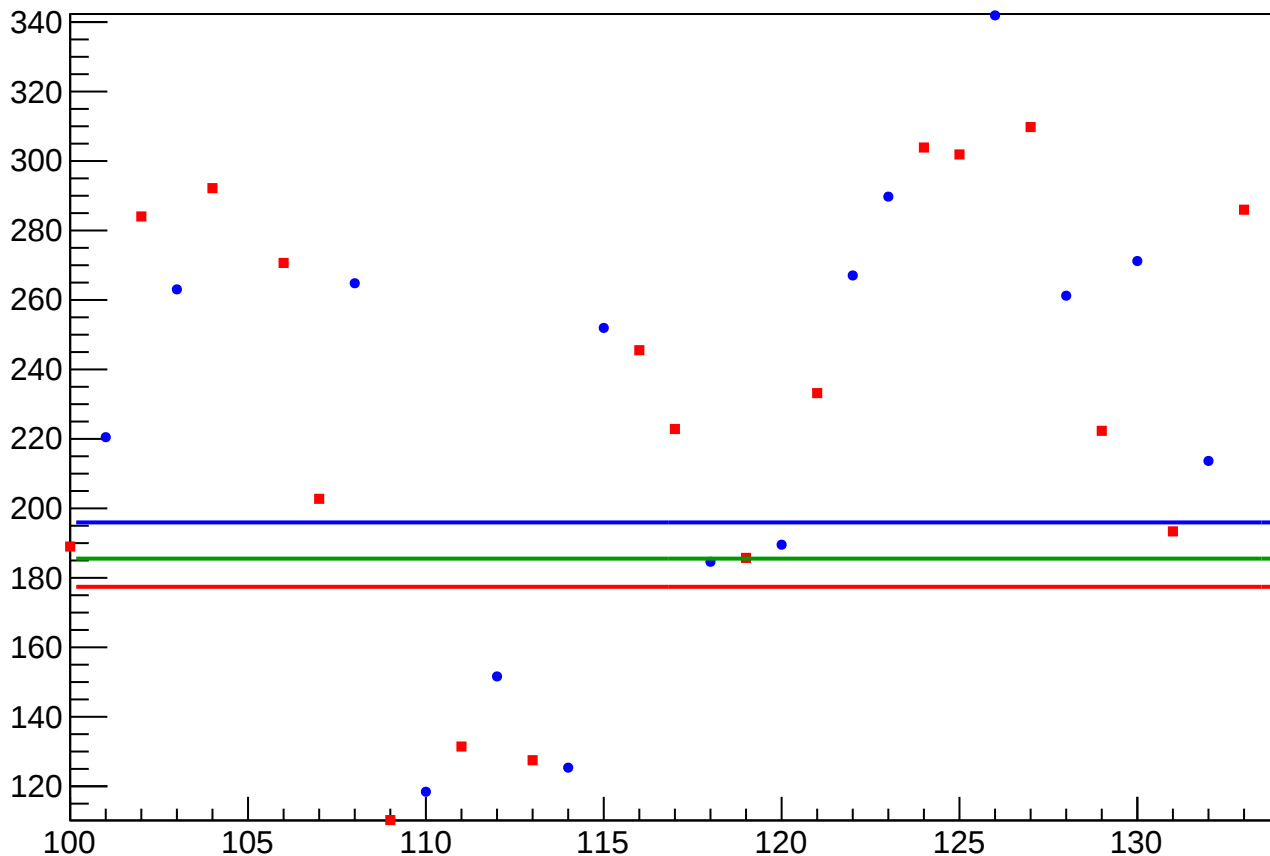
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.150 $\pm$ 85.991 χ^2 /NDF: 5.8/15

54.746 $\pm$ 56.909 χ^2 /NDF: 12.2/33

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: 195.957 $\pm$ 0.061 χ^2 /NDF: 965834.0/15

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

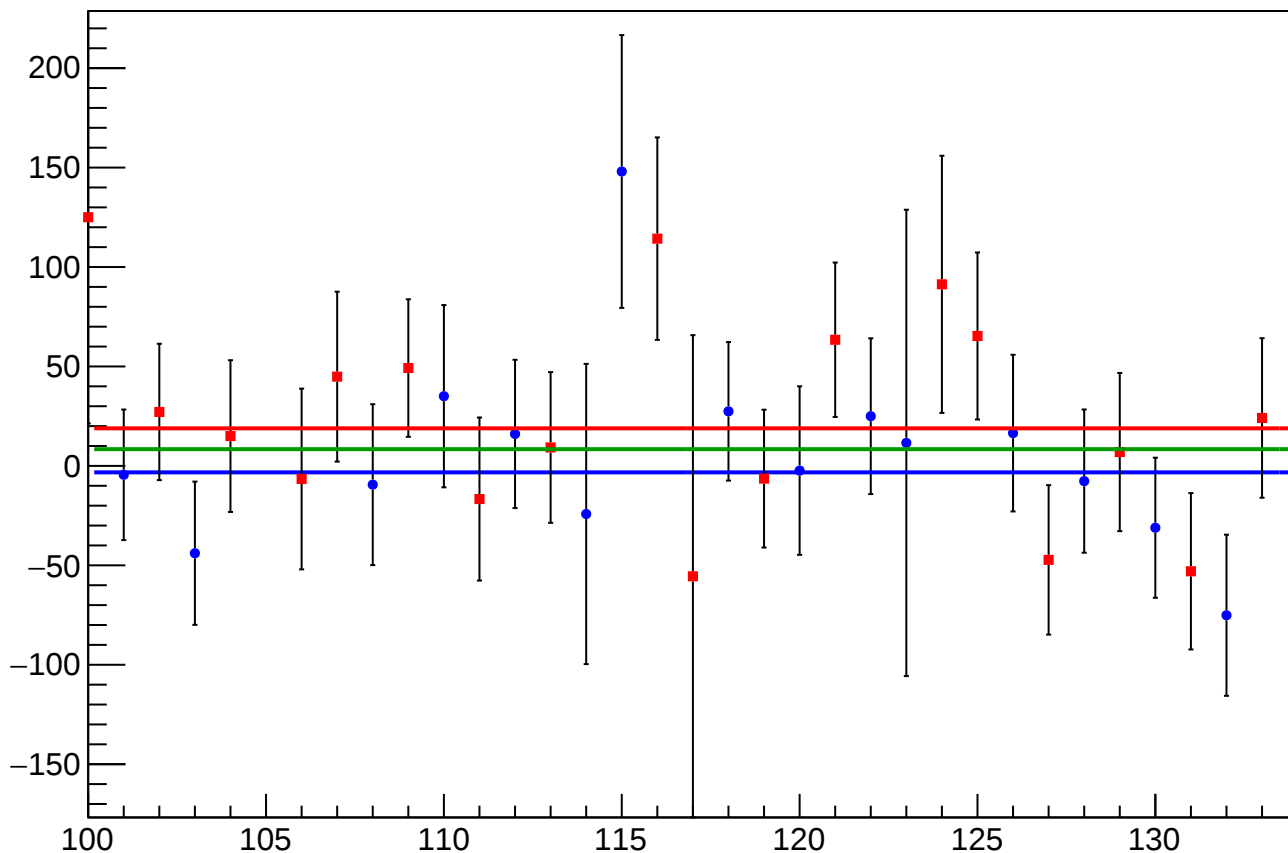
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

195.957 $\pm$ 0.061 χ^2 /NDF: 965834.0/15

185.541 $\pm$ 0.040 χ^2 /NDF: 2529521.4/33

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: -3.254+/-10.471 χ^2/NDF : 13.1/15

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

Right Out: 18.878+/-9.923 χ^2/NDF : 18.1/17

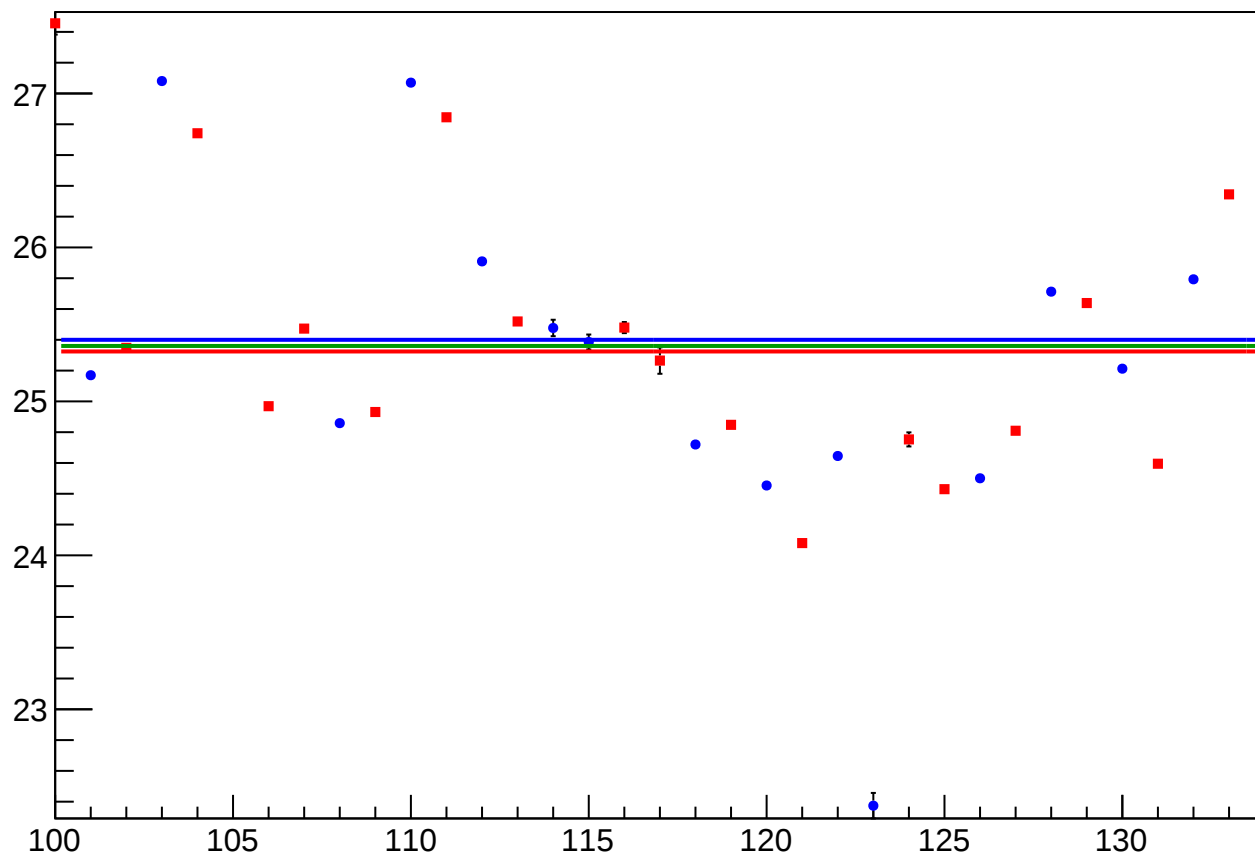
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.254+/-10.471 χ^2/NDF : 13.1/15

8.406+/-7.202 χ^2/NDF : 33.6/33

18.878+/-9.923 χ^2/NDF : 18.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.400+/-0.007 χ^2/NDF : 13227.4/15

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

Right Out: 25.324+/-0.007 χ^2/NDF : 12819.7/17

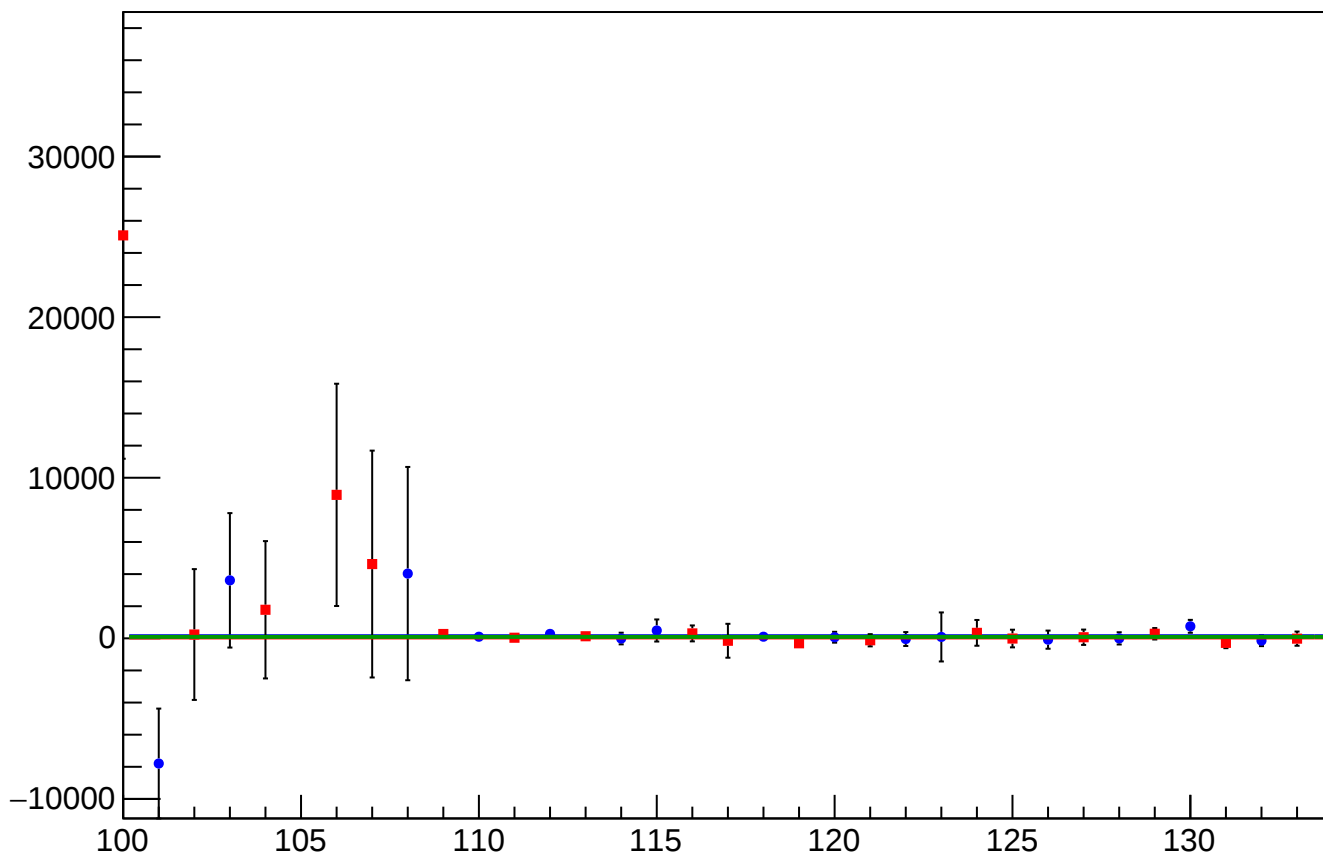
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.400+/-0.007 χ^2/NDF : 13227.4/15

25.360+/-0.005 χ^2/NDF : 26102.4/33

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: 132.218+/-94.896 χ^2/NDF : 10.9/15

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

Right Out: 55.801+/-87.421 χ^2/NDF : 10.6/17

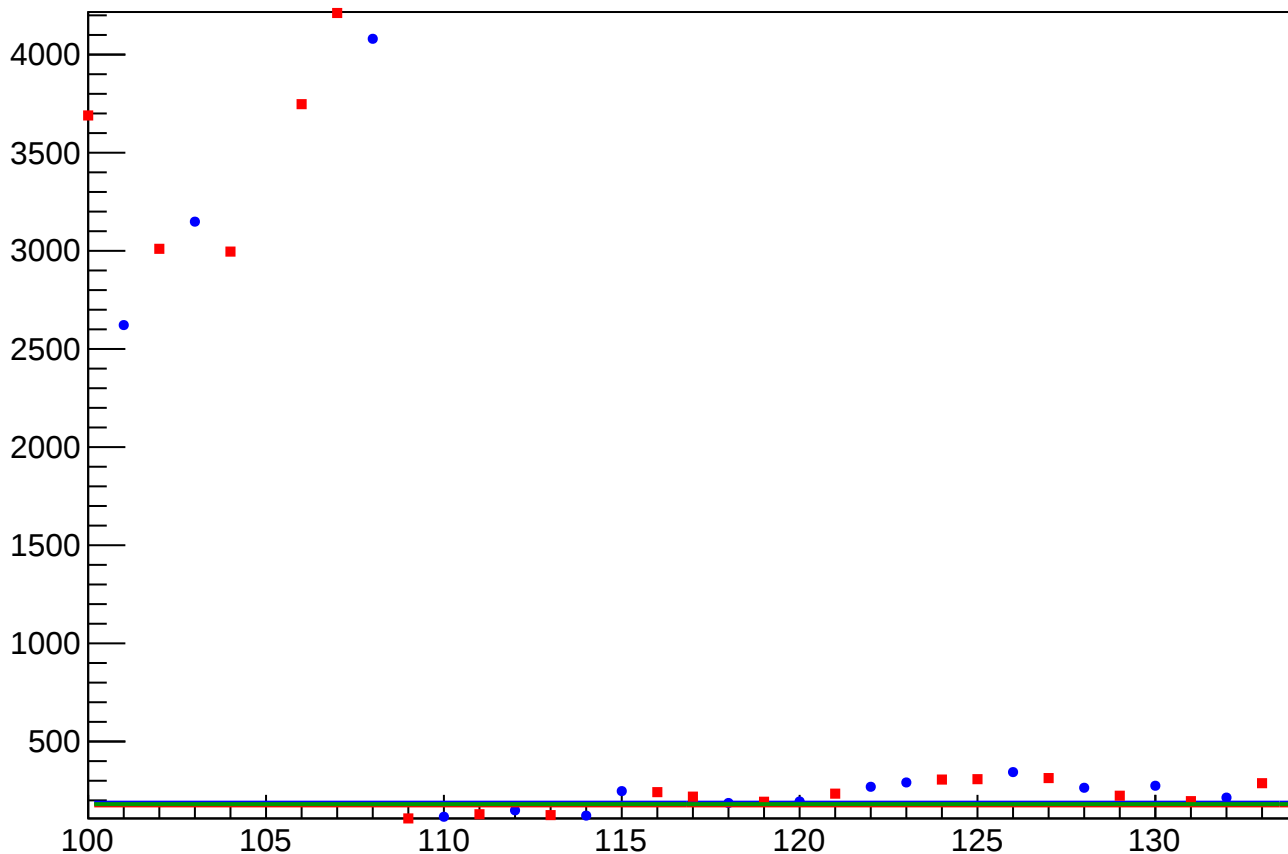
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.218+/-94.896 χ^2/NDF : 10.9/15

90.881+/-64.296 χ^2/NDF : 21.9/33

55.801+/-87.421 χ^2/NDF : 10.6/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.353+/-0.067 χ^2/NDF : 3559607.0/15

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

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

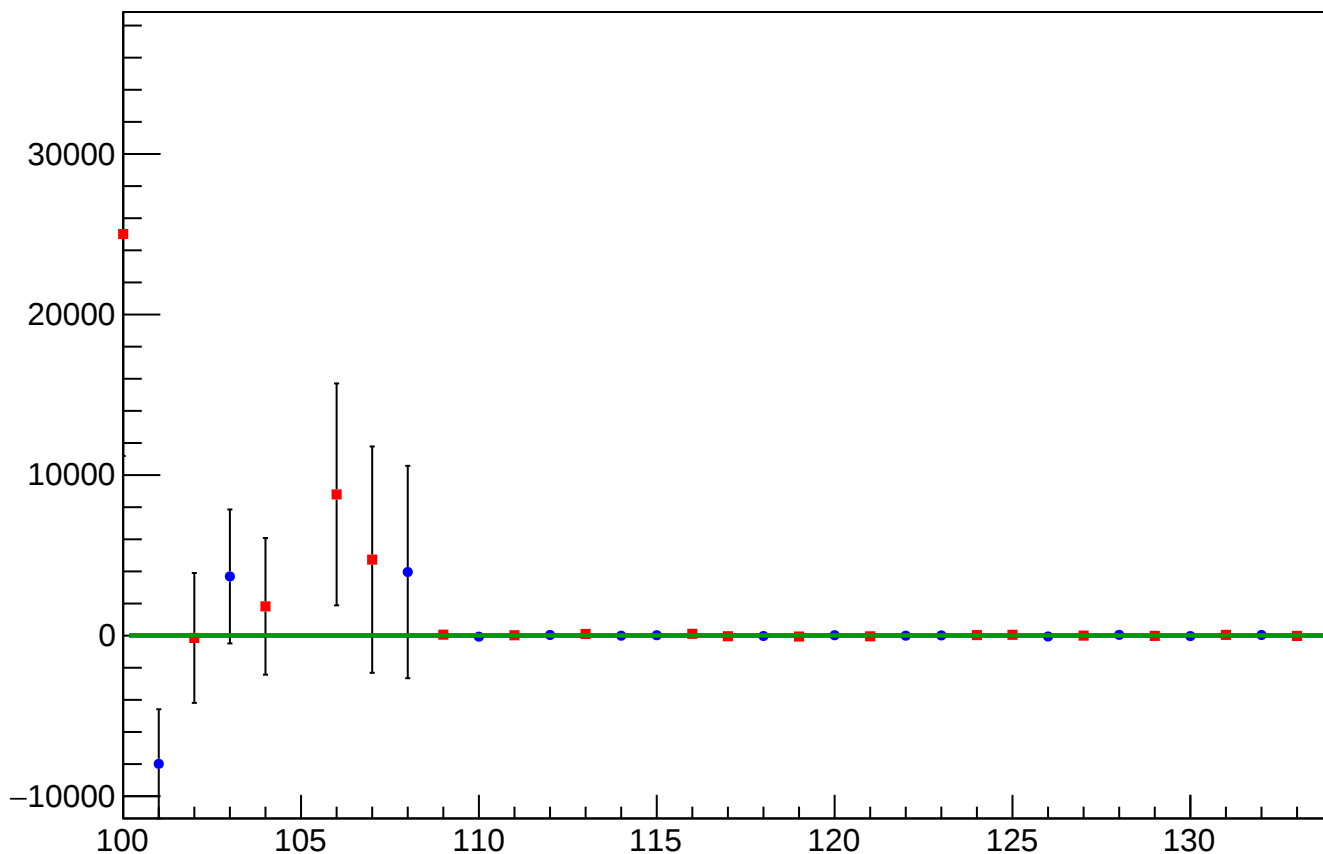
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

188.353+/-0.067 χ^2/NDF : 3559607.0/15

180.794+/-0.045 χ^2/NDF : 7782932.1/33

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: 2.022+/-13.241 χ^2 /NDF: 15.6/15

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

Right Out: 19.670+/-13.067 χ^2 /NDF: 21.5/17

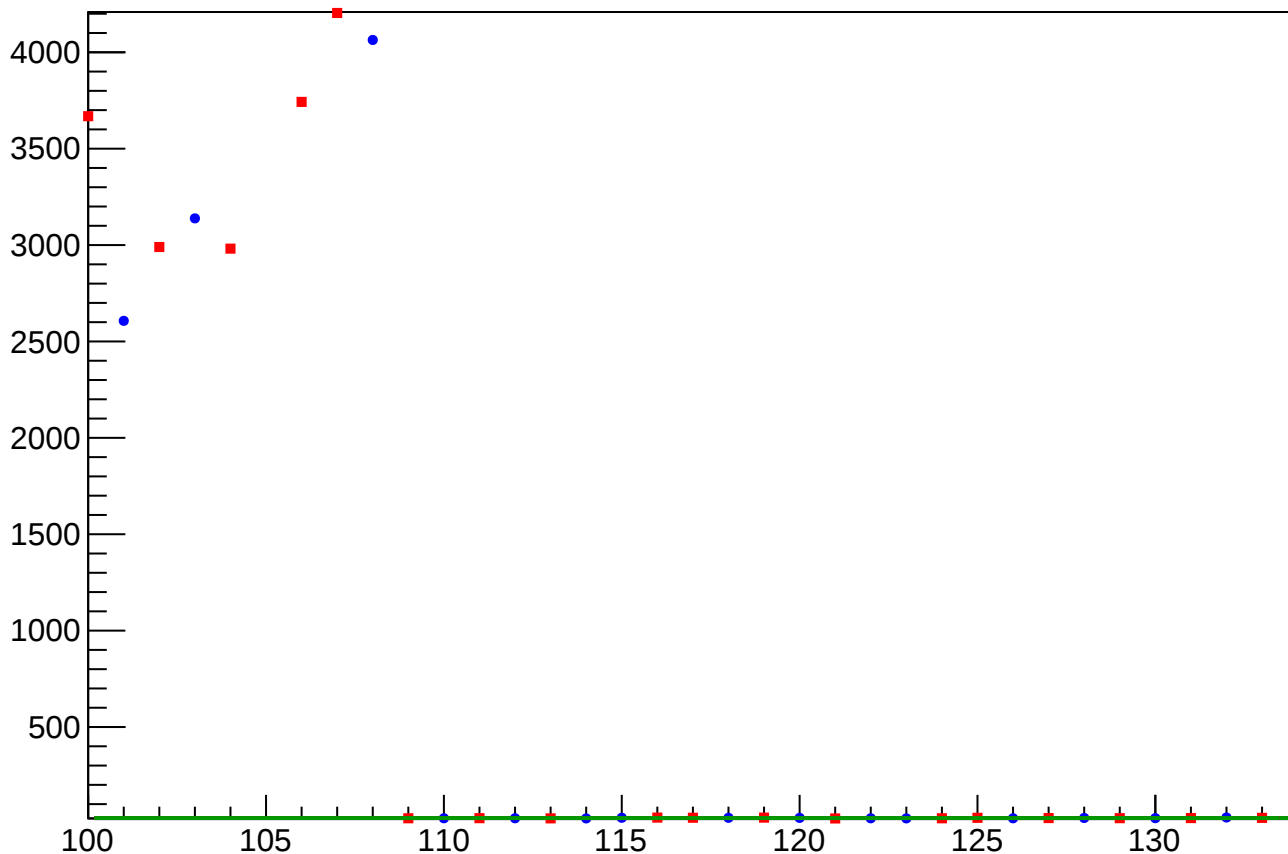
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2.022+/-13.241 χ^2 /NDF: 15.6/15

10.963+/-9.301 χ^2 /NDF: 38.0/33

19.670+/-13.067 χ^2 /NDF: 21.5/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.711+/-0.009 χ^2 /NDF: 3025712.6/15

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

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

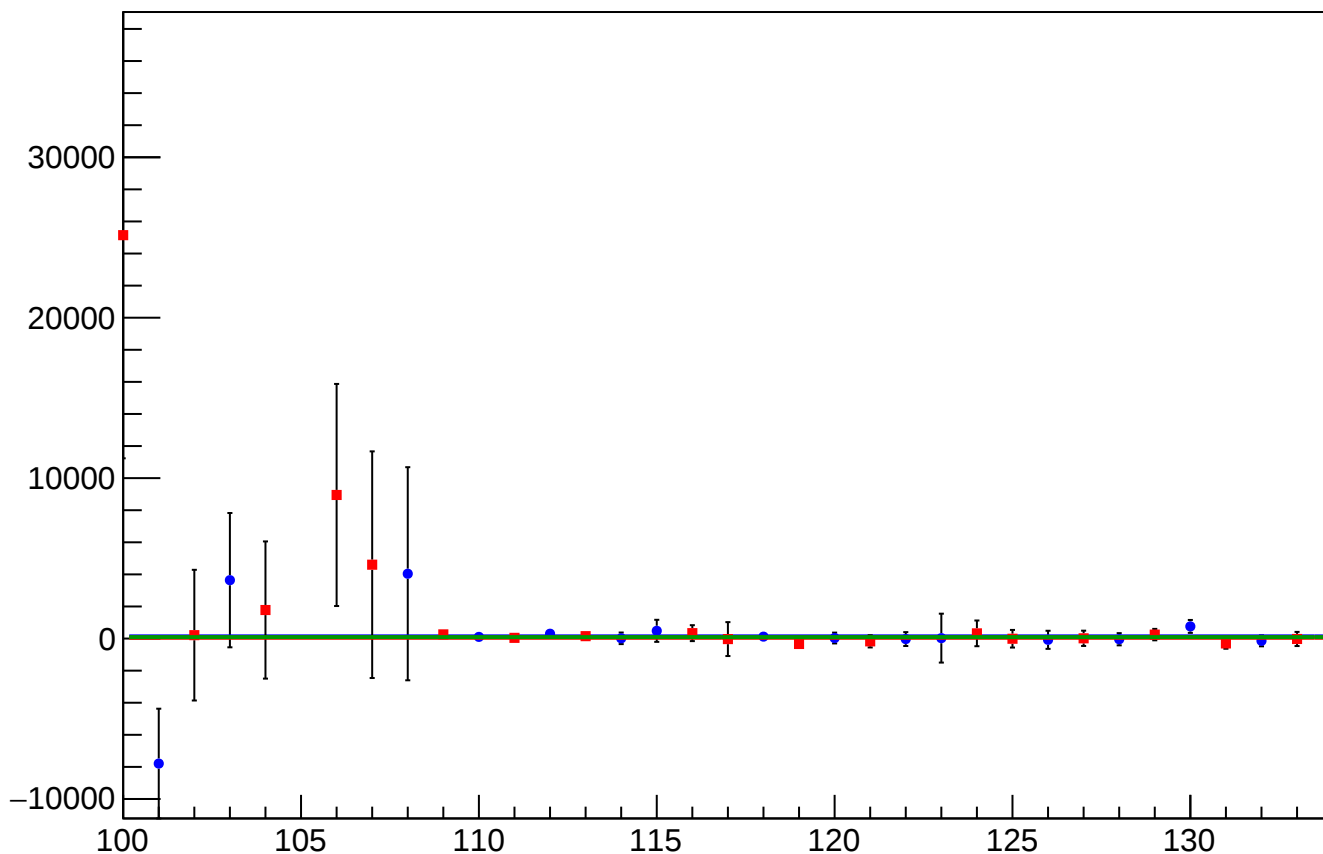
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.711+/-0.009 χ^2 /NDF: 3025712.6/15

27.724+/-0.007 χ^2 /NDF: 6502603.1/33

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: 136.835+/-94.593 χ^2/NDF : 11.1/15

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

Right Out: 49.938+/-87.107 χ^2/NDF : 11.1/17

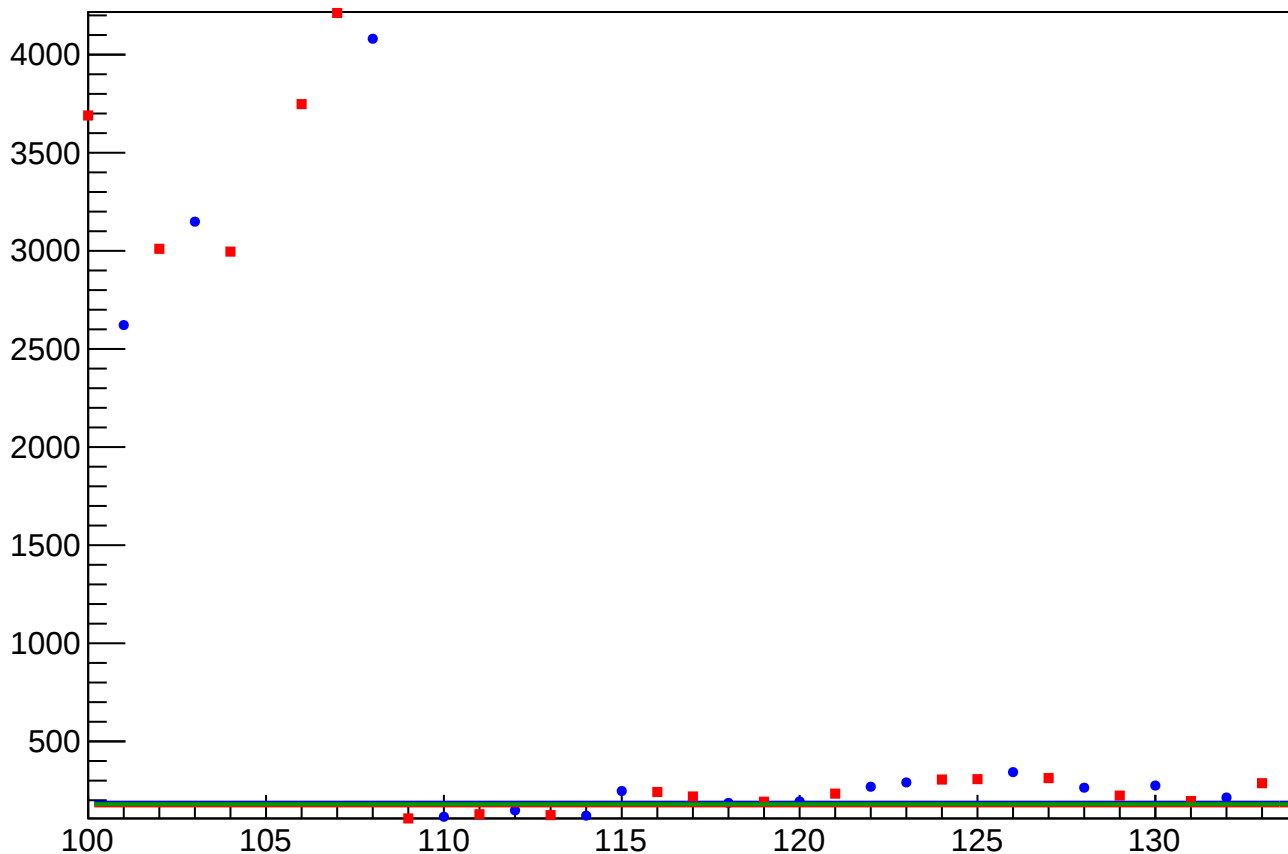
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.835+/-94.593 χ^2/NDF : 11.1/15

89.813+/-64.077 χ^2/NDF : 22.7/33

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: 187.621+/-0.067 χ^2/NDF : 3571105.3/15

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

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

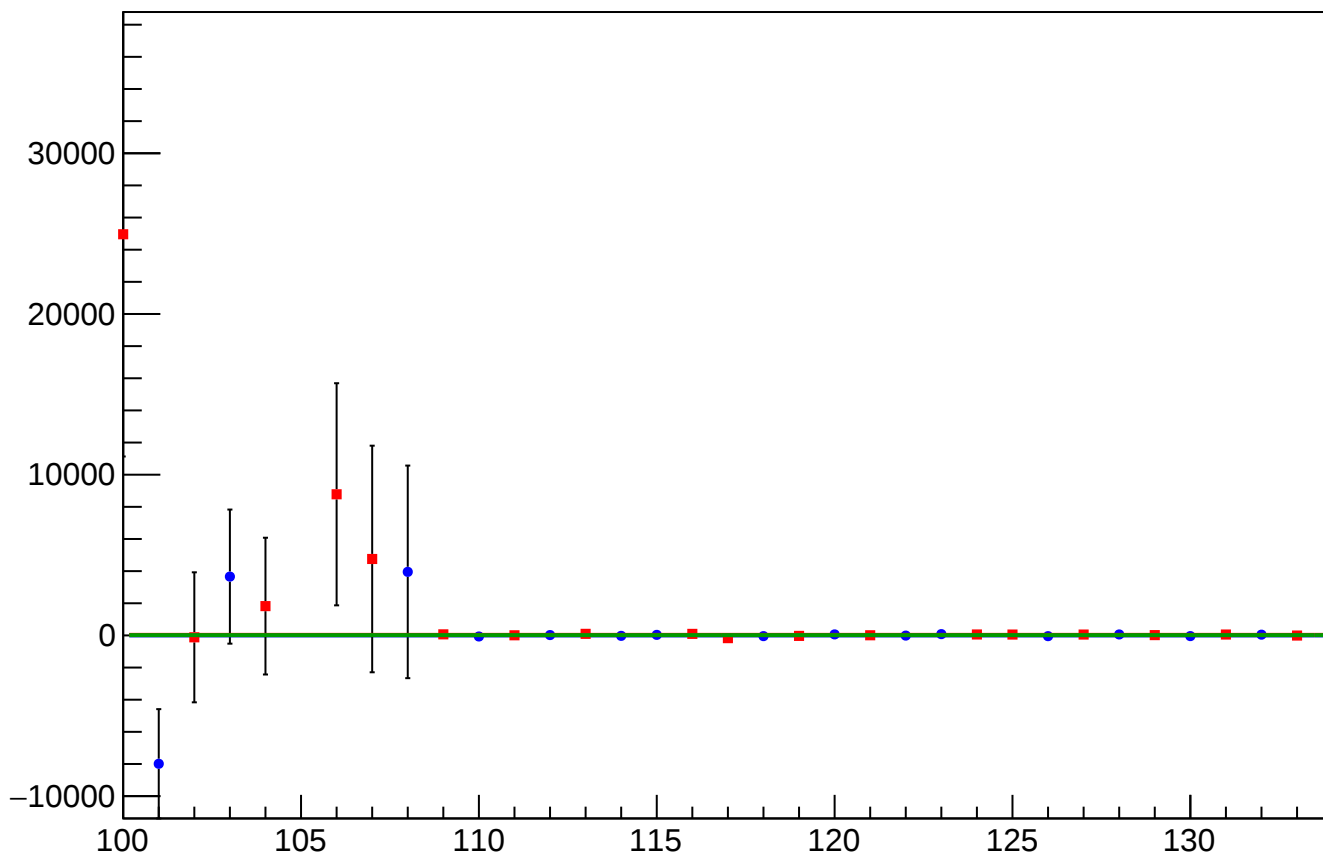
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

187.621+/-0.067 χ^2/NDF : 3571105.3/15

180.046+/-0.045 χ^2/NDF : 7806472.9/33

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: 1.126+/-13.331 χ^2 /NDF: 20.6/15

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

Right Out: 33.688+/-13.183 χ^2 /NDF: 16.3/17

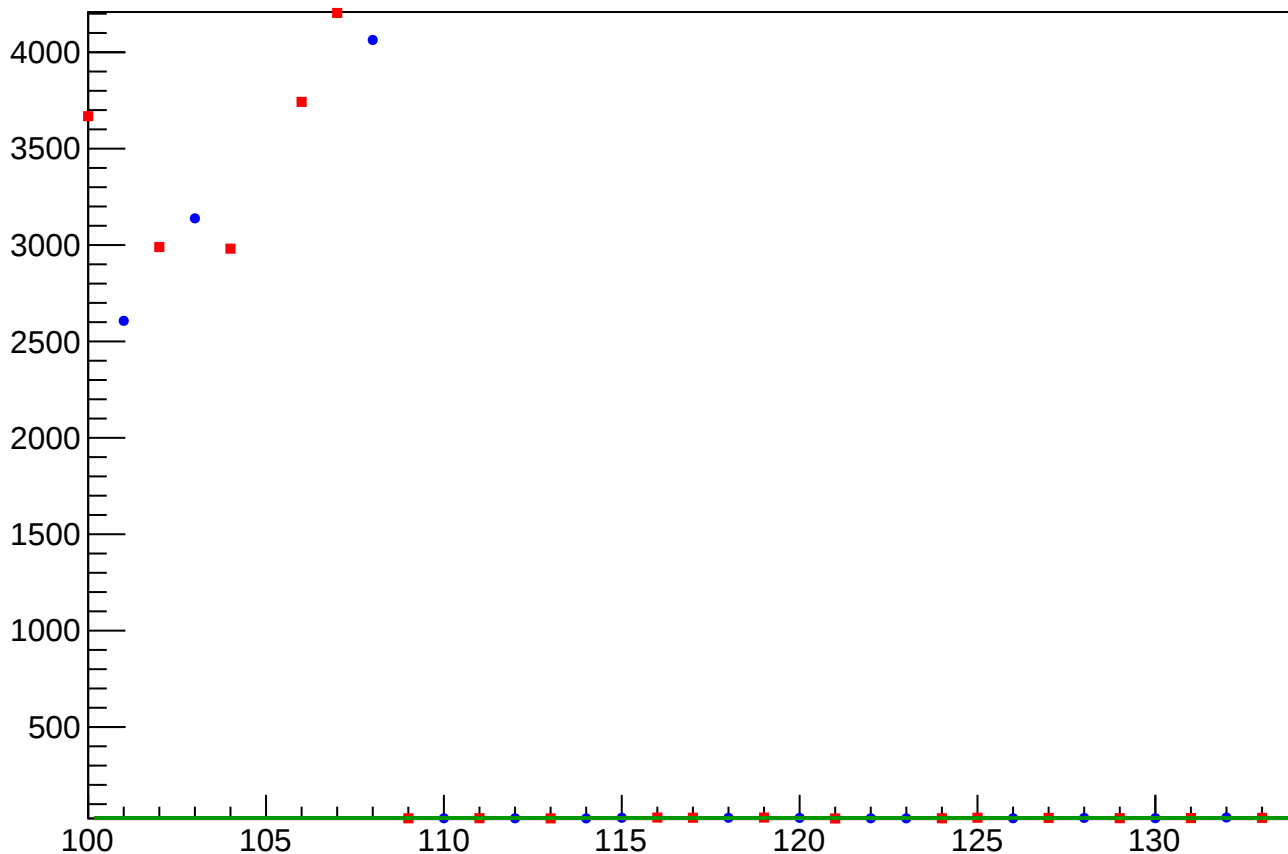
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.126+/-13.331 χ^2 /NDF: 20.6/15

17.589+/-9.374 χ^2 /NDF: 39.9/33

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: 27.896+/-0.009 χ^2 /NDF: 3025810.5/15

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

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

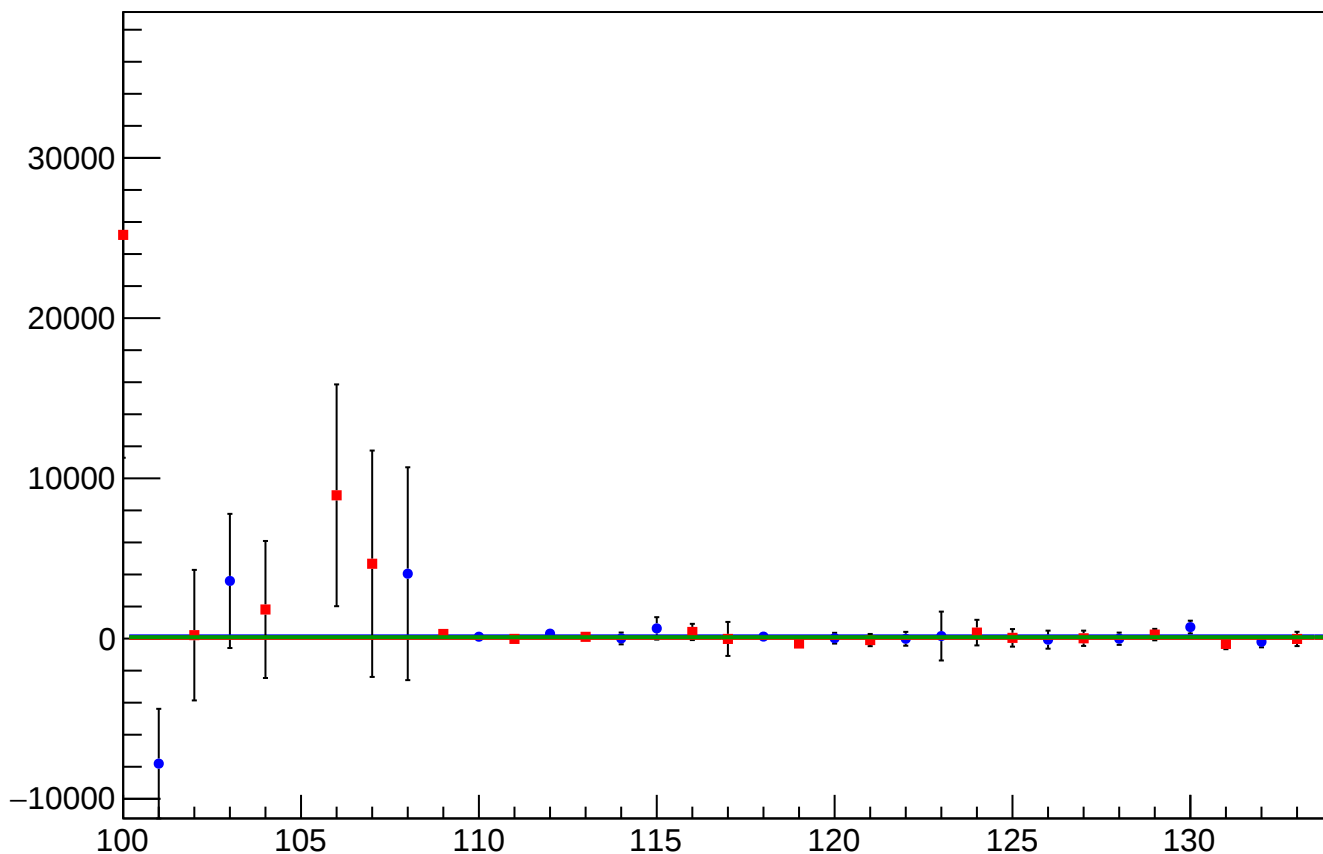
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.896+/-0.009 χ^2 /NDF: 3025810.5/15

27.937+/-0.007 χ^2 /NDF: 6505356.9/33

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: 139.818 $\pm$ 95.682 χ^2 /NDF: 11.3/15

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

Right Out: 41.003 $\pm$ 88.262 χ^2 /NDF: 11.2/17

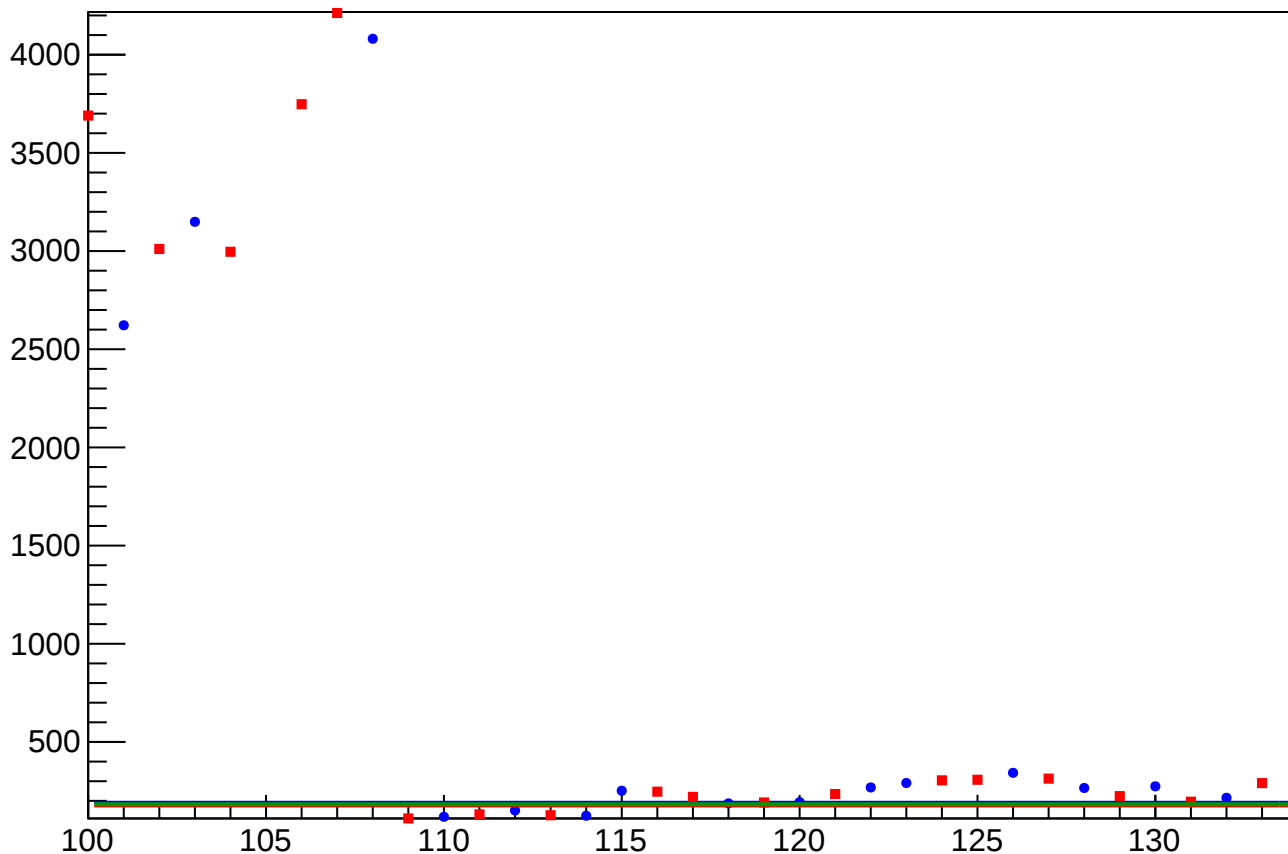
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139.818 $\pm$ 95.682 χ^2 /NDF: 11.3/15

86.431 $\pm$ 64.876 χ^2 /NDF: 23.1/33

41.003 $\pm$ 88.262 χ^2 /NDF: 11.2/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.316+/-0.068 χ^2/NDF : 3523818.7/15

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

Right Out: 176.575+/-0.062 χ^2/NDF : 4158115.9/17

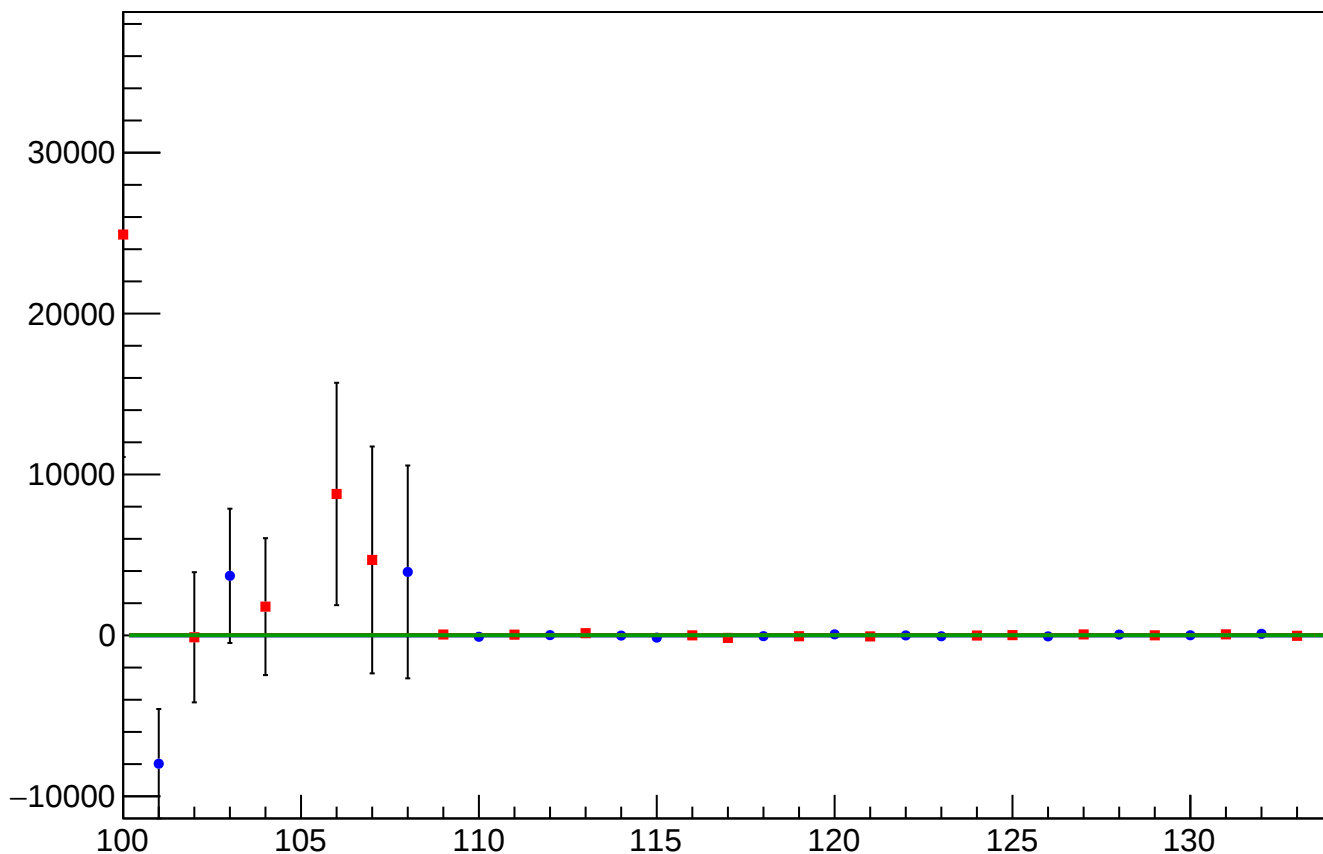
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.316+/-0.068 χ^2/NDF : 3523818.7/15

182.892+/-0.046 χ^2/NDF : 7704222.1/33

176.575+/-0.062 χ^2/NDF : 4158115.9/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.195+/-16.232 χ^2 /NDF: 20.1/15

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

Right Out: 19.885+/-15.929 χ^2 /NDF: 20.0/17

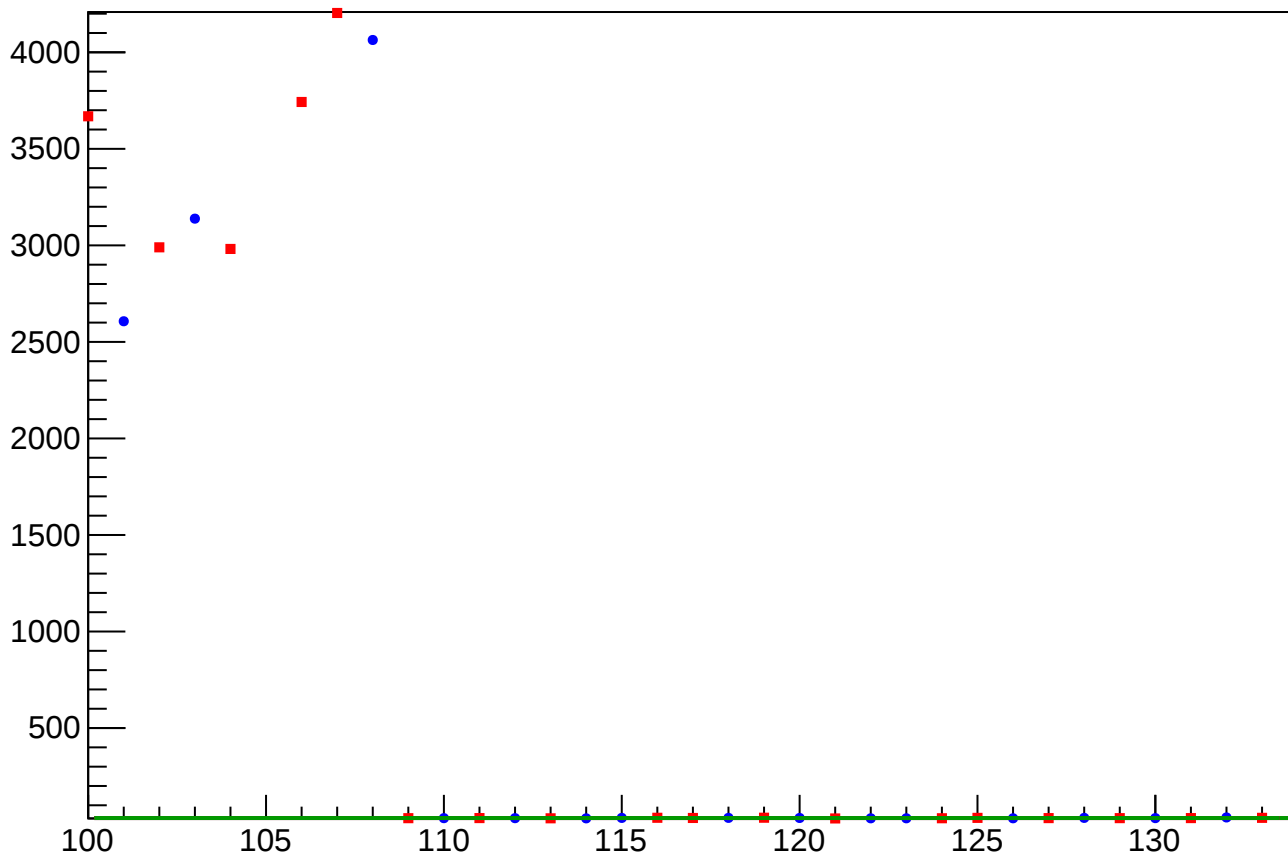
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.195+/-16.232 χ^2 /NDF: 20.1/15

10.716+/-11.369 χ^2 /NDF: 40.8/33

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: 33.998 $\pm$ 0.011 χ^2 /NDF: 3005293.0/15

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

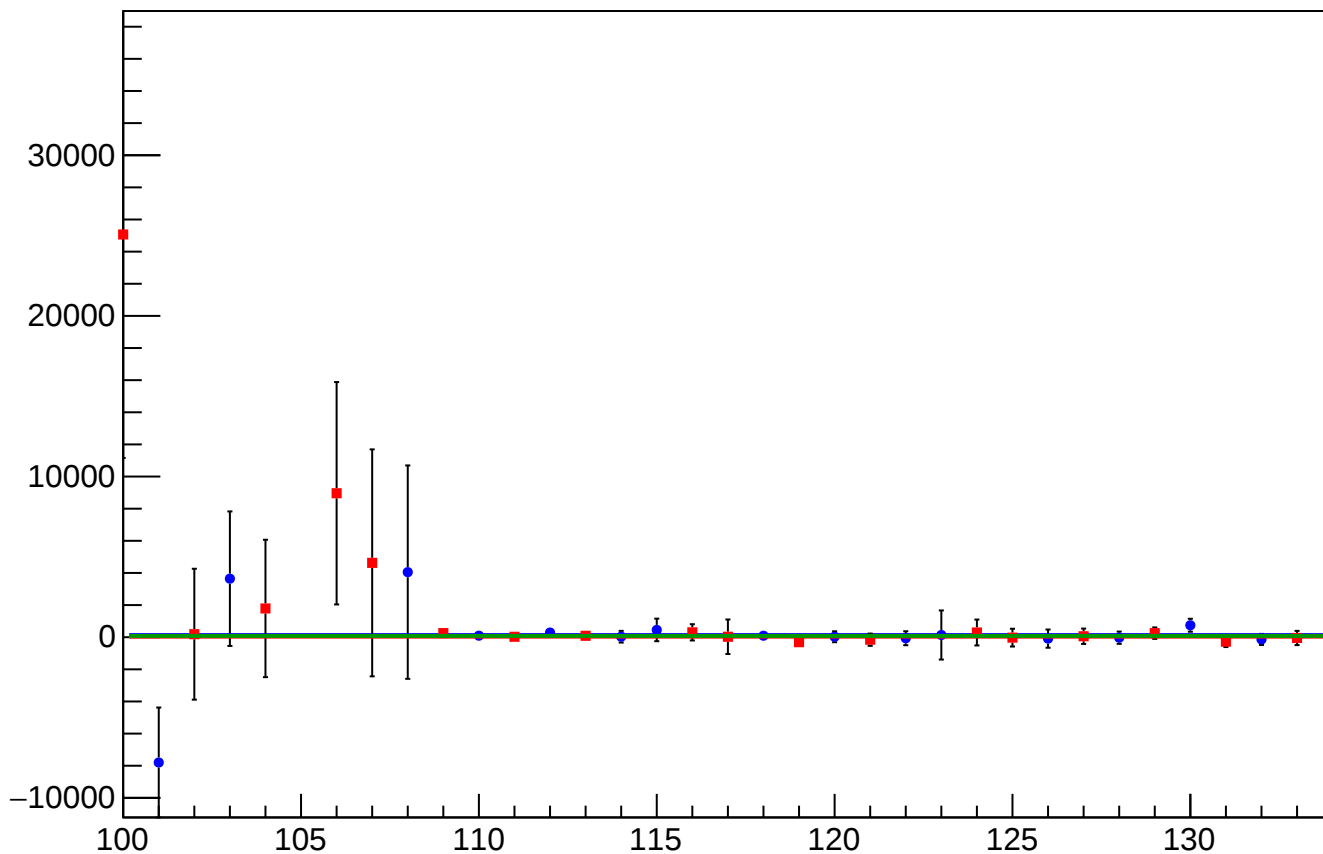
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

33.998 $\pm$ 0.011 χ^2 /NDF: 3005293.0/15

33.937 $\pm$ 0.008 χ^2 /NDF: 6457065.0/33

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: 128.997 $\pm$ 95.242 χ^2 /NDF: 11.0/15

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

Right Out: 37.696 $\pm$ 87.793 χ^2 /NDF: 10.1/17

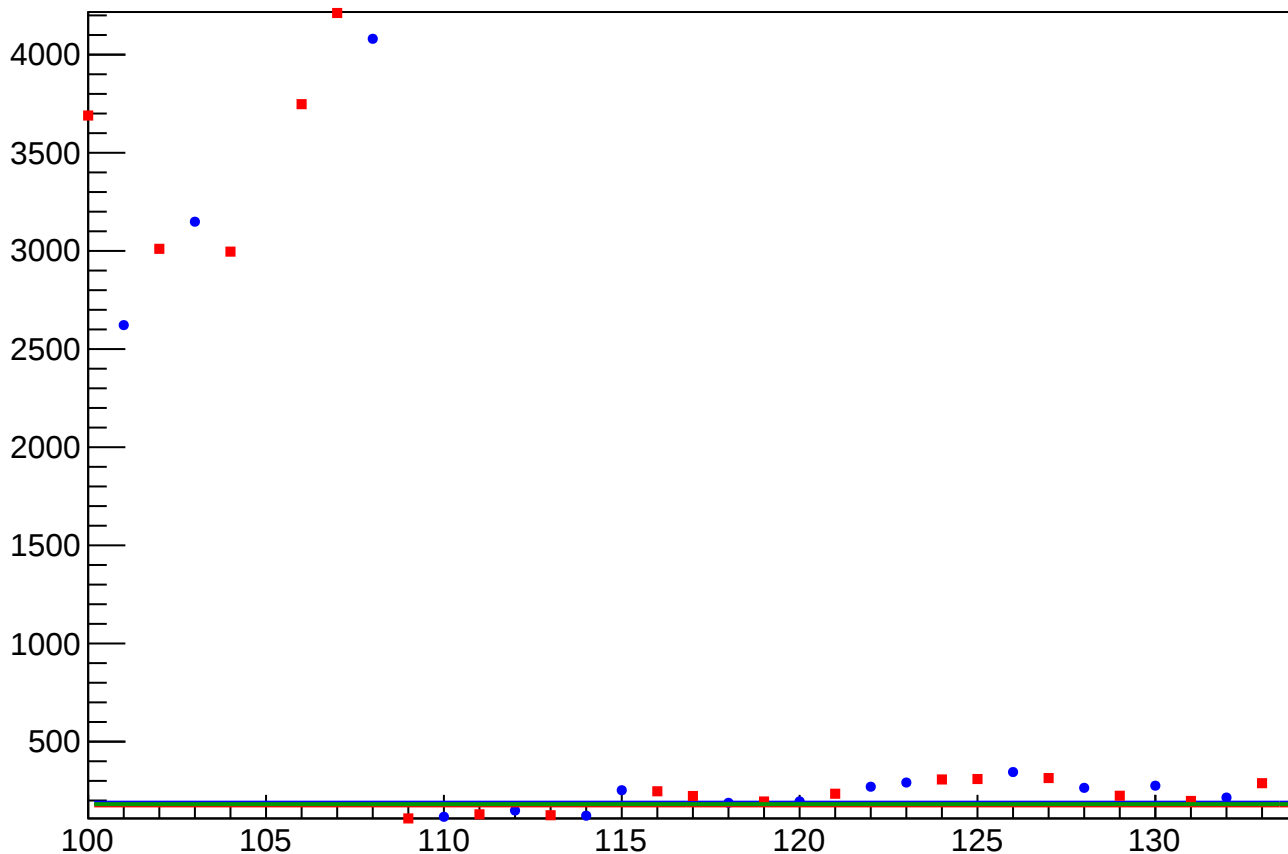
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128.997 $\pm$ 95.242 χ^2 /NDF: 11.0/15

79.637 $\pm$ 64.552 χ^2 /NDF: 21.6/33

37.696 $\pm$ 87.793 χ^2 /NDF: 10.1/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.036+/-0.067 χ^2/NDF : 3560950.9/15

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

Right Out: 175.122+/-0.062 χ^2/NDF : 4204144.0/17

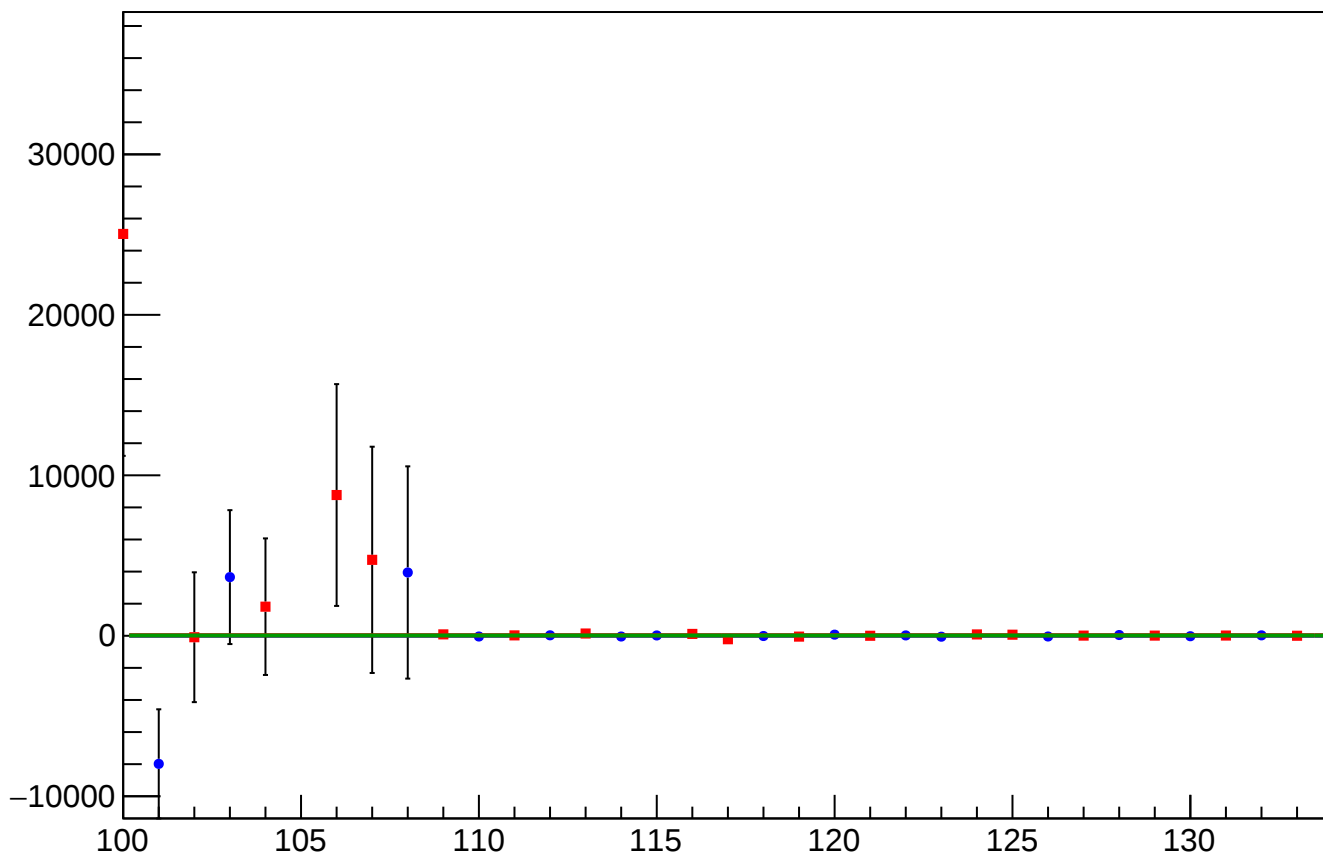
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.036+/-0.067 χ^2/NDF : 3560950.9/15

181.514+/-0.046 χ^2/NDF : 7788171.2/33

175.122+/-0.062 χ^2/NDF : 4204144.0/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.299+/-14.804 χ^2 /NDF: 13.4/15

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

Right Out: 32.407+/-14.593 χ^2 /NDF: 22.2/17

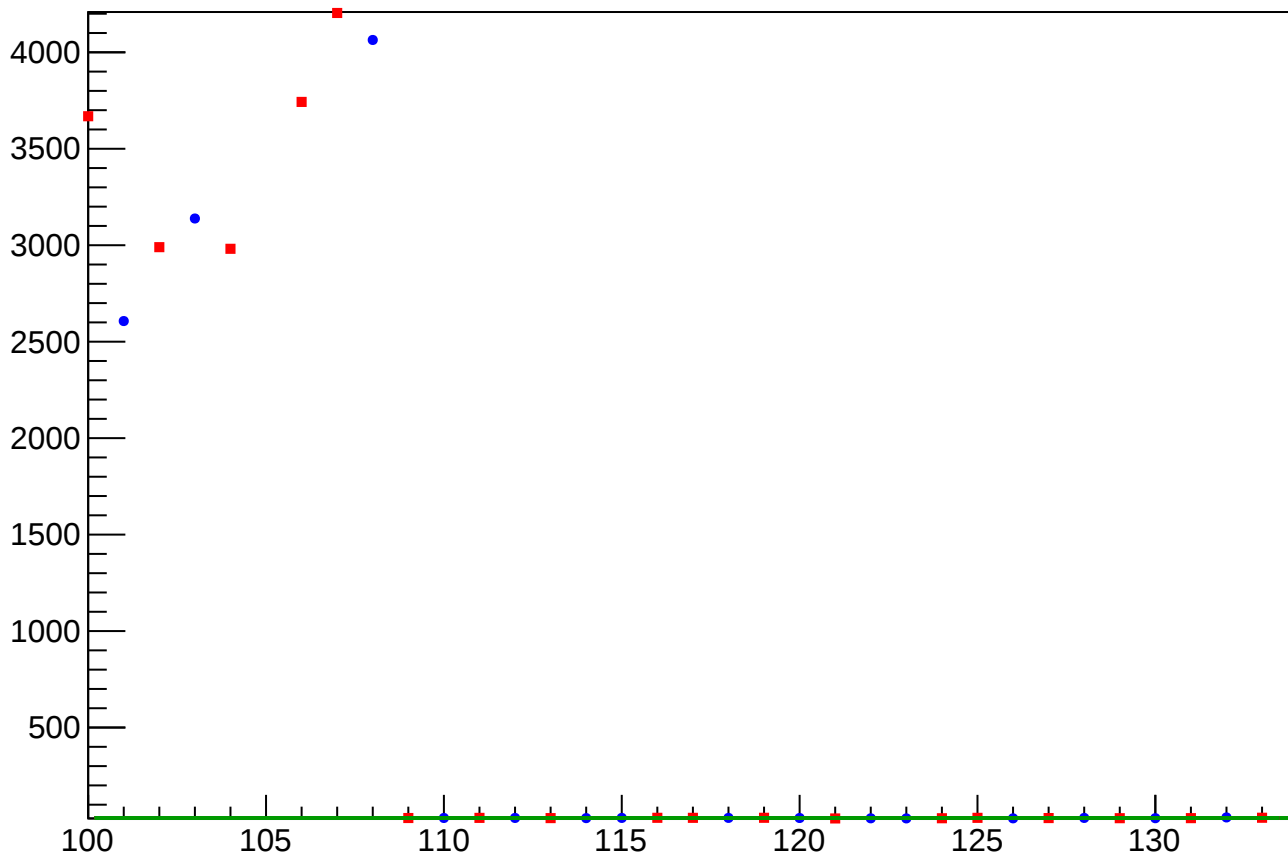
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

6.299+/-14.804 χ^2 /NDF: 13.4/15

19.540+/-10.393 χ^2 /NDF: 37.2/33

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: 31.012 $\pm$ 0.010 χ^2 /NDF: 3013647.3/15

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

Right Out: 31.016 $\pm$ 0.010 χ^2 /NDF: 3458808.6/17

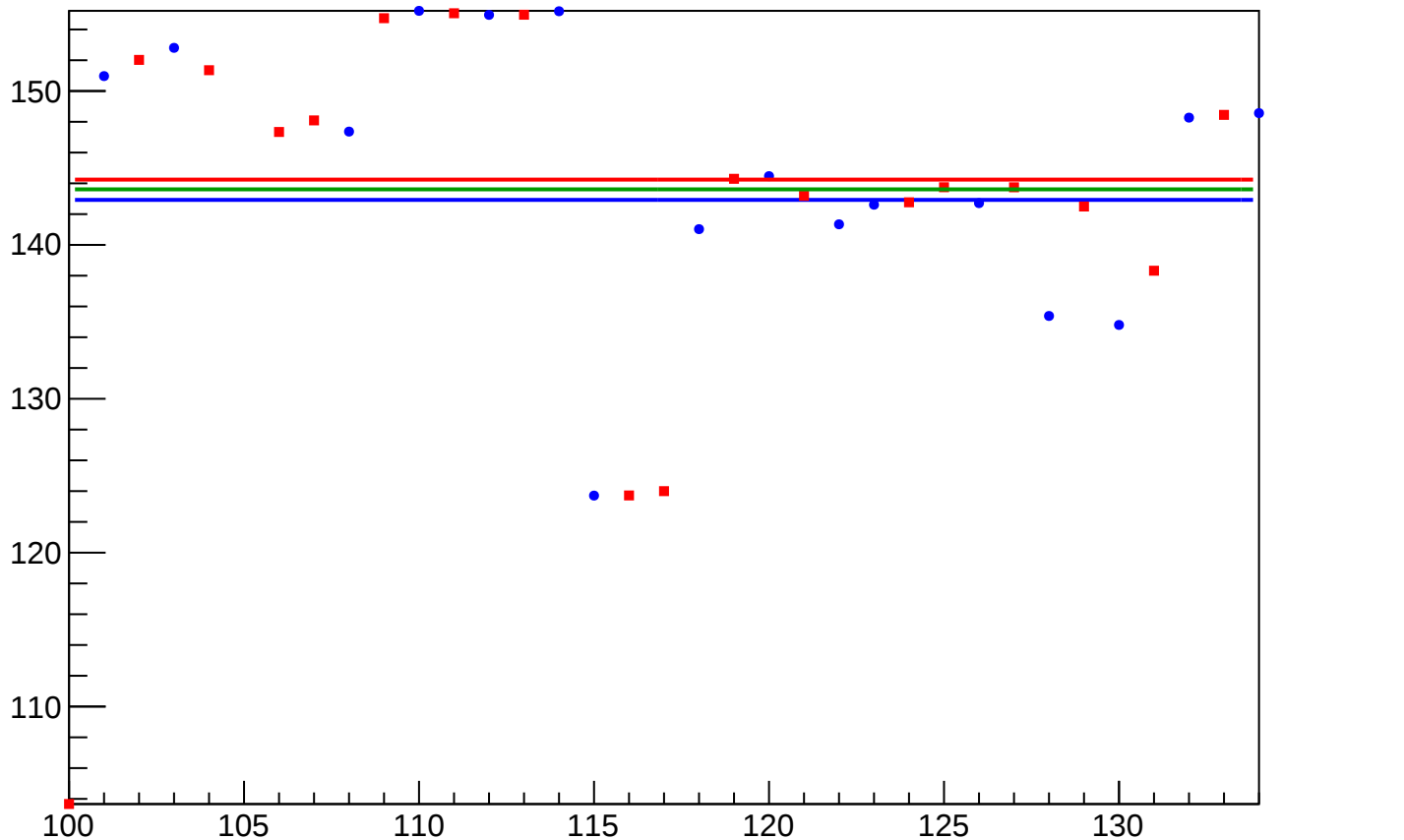
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.012 $\pm$ 0.010 χ^2 /NDF: 3013647.3/15

31.014 $\pm$ 0.007 χ^2 /NDF: 6472456.0/33

31.016 $\pm$ 0.010 χ^2 /NDF: 3458808.6/17

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 142.924 +/- 0.000 χ^2/NDF : 3275825097.1/15

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

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

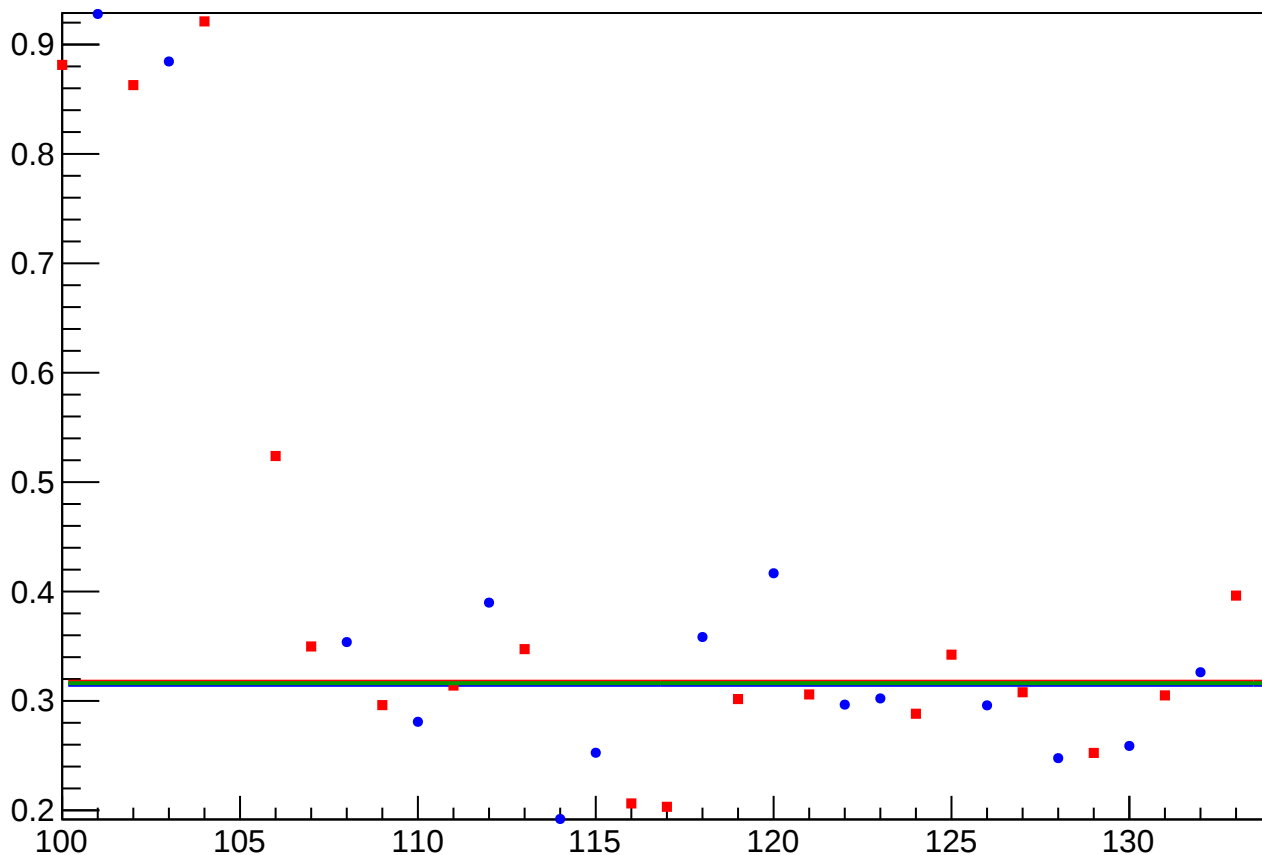
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

142.924 +/- 0.000 χ^2/NDF : 3275825097.1/15

143.610 +/- 0.000 χ^2/NDF : 7790267629.3/17

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

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1275487.1/15

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

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

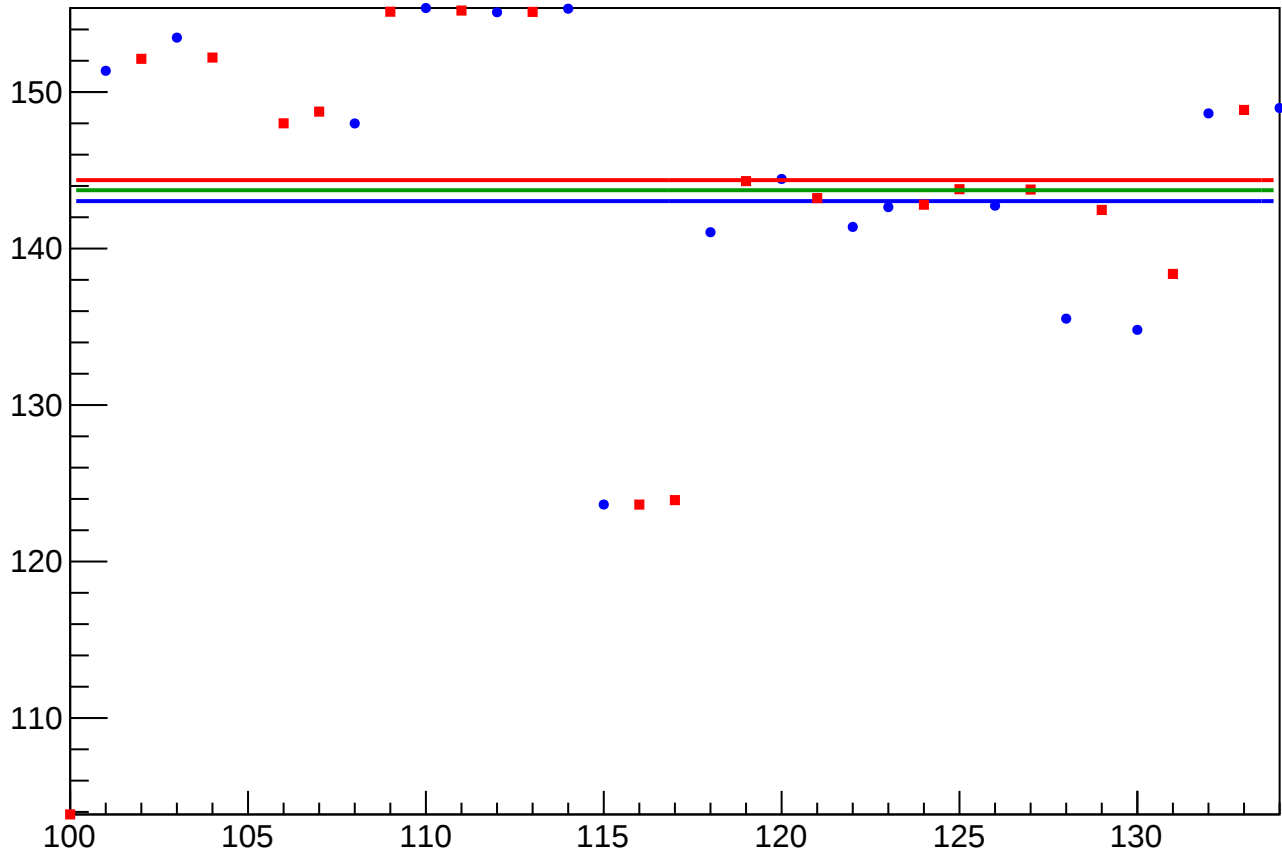
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1275487.1/15

0.316+/-0.000 χ^2/NDF : 2502655.2/33

0.318+/-0.000 χ^2/NDF : 1226766.3/17

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.031+/-0.000 χ^2/NDF : 3303800250.7/15

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

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

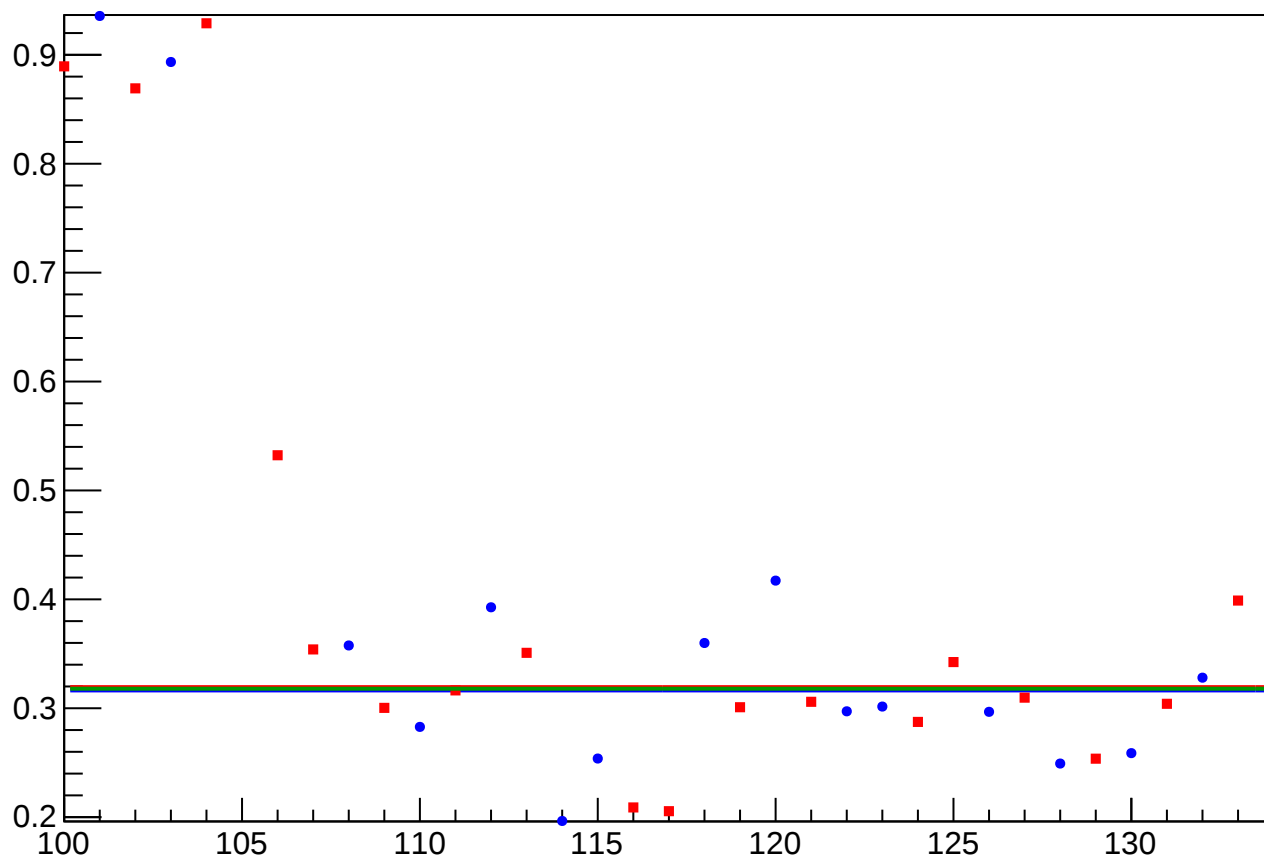
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.031+/-0.000 χ^2/NDF : 3303800250.7/15

143.727+/-0.000 χ^2/NDF : 7847606687.7/15

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

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1277206.0/15

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

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

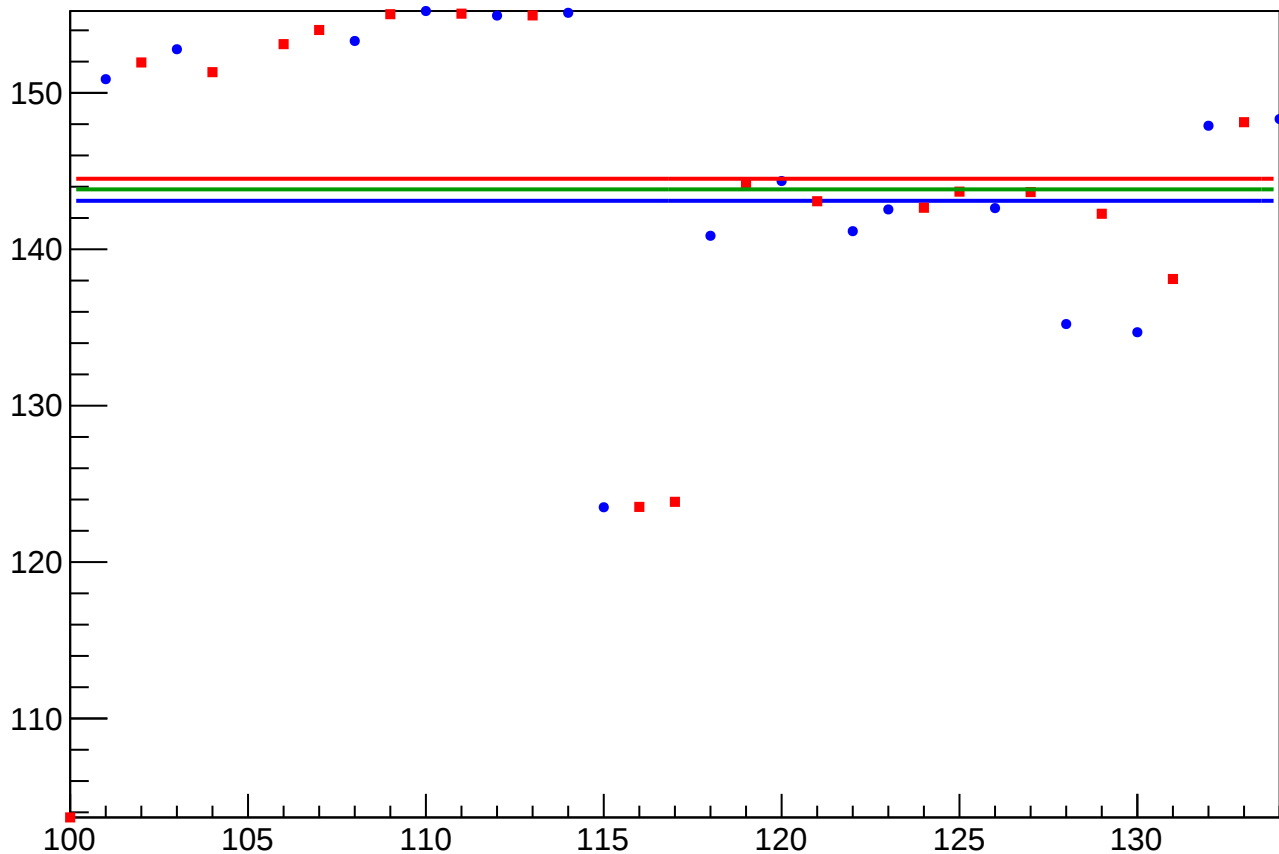
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.316+/-0.000 χ^2/NDF : 1277206.0/15

0.318+/-0.000 χ^2/NDF : 2506762.5/33

0.319+/-0.000 χ^2/NDF : 1229105.7/17

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.100+/-0.000 χ^2/NDF : 3522235516.1/15

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

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

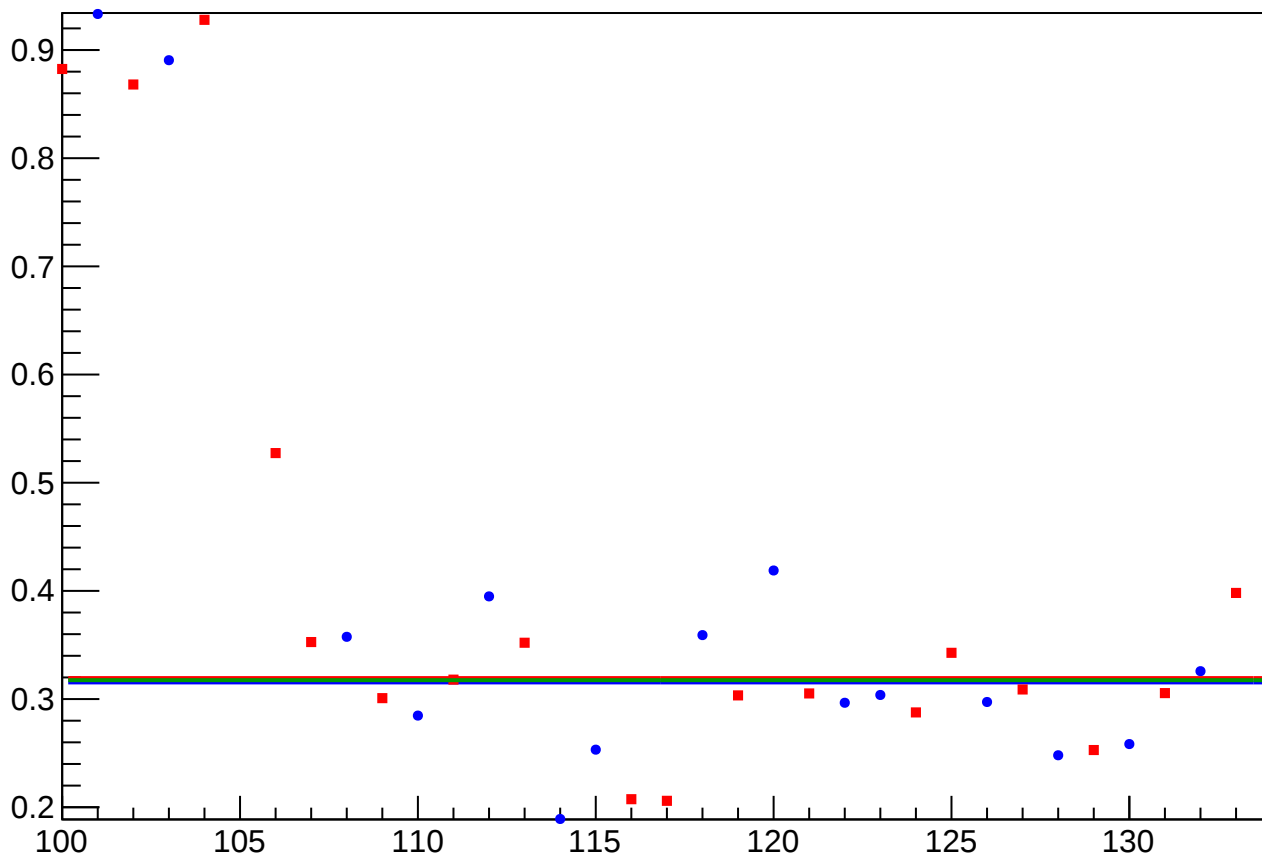
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.100+/-0.000 χ^2/NDF : 3522235516.1/15

143.831+/-0.000 χ^2/NDF : 8335330627.4/17

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1290046.4/15

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

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

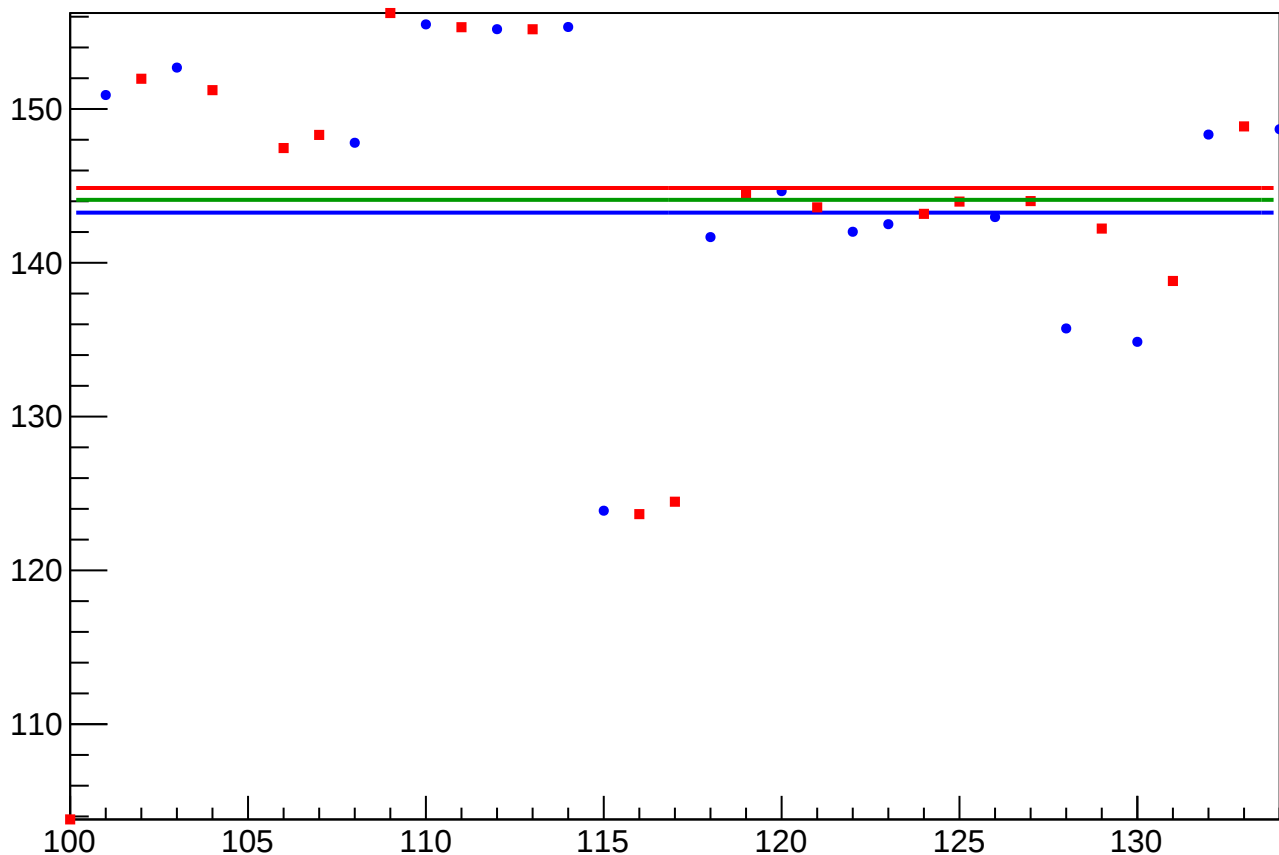
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1290046.4/15

0.317+/-0.000 χ^2/NDF : 2520904.3/33

0.319+/-0.000 χ^2/NDF : 1230067.4/17

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 143.261+/-0.000 χ^2/NDF : 3024727389.7/15

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

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

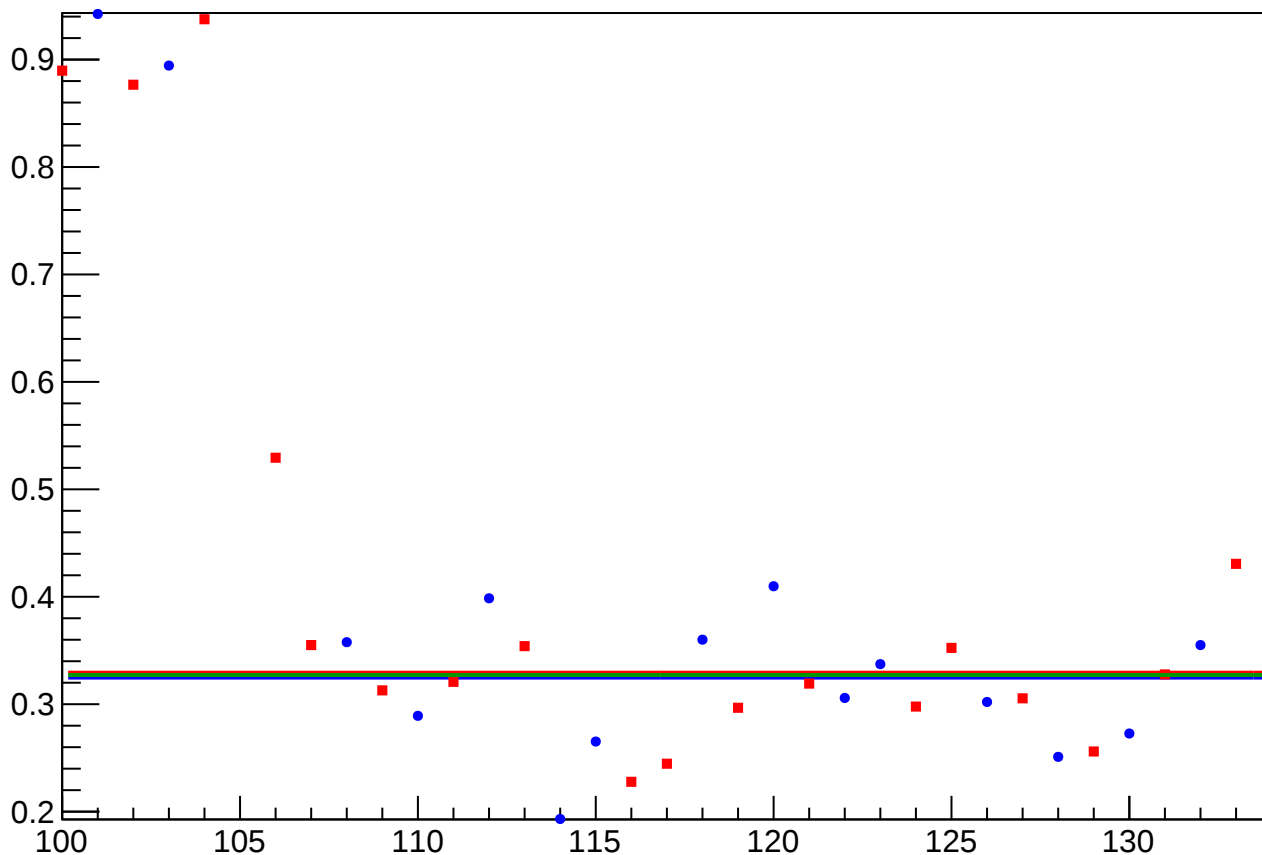
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.261+/-0.000 χ^2/NDF : 3024727389.7/15

144.092+/-0.000 χ^2/NDF : 7128443867.3/17

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

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.325+/-0.000 χ^2/NDF : 1263052.5/15

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

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

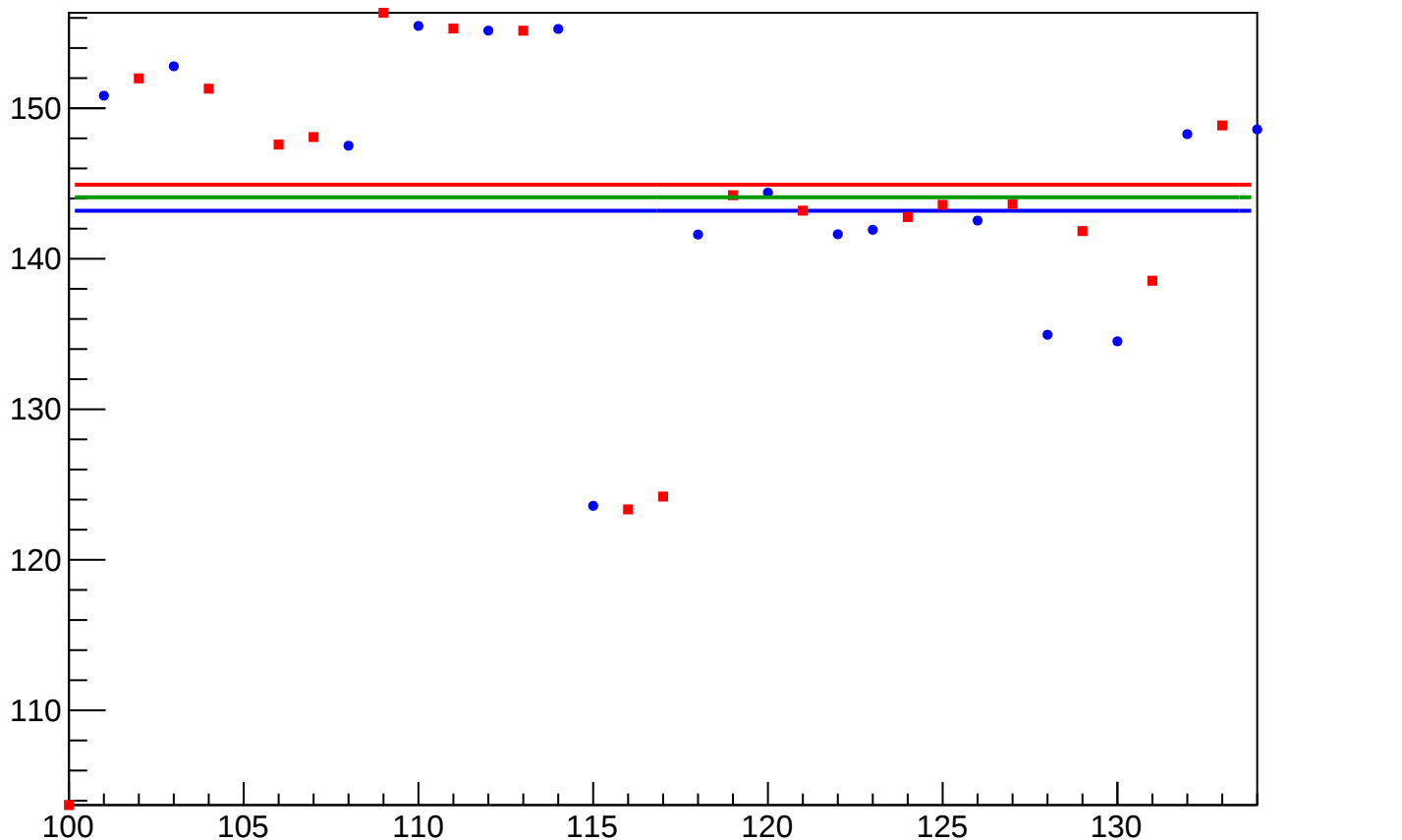
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.325+/-0.000 χ^2/NDF : 1263052.5/15

0.327+/-0.000 χ^2/NDF : 2440565.9/33

0.329+/-0.000 χ^2/NDF : 1176533.9/17

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.190+/-0.000 χ^2/NDF : 3172704144.0/15

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

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

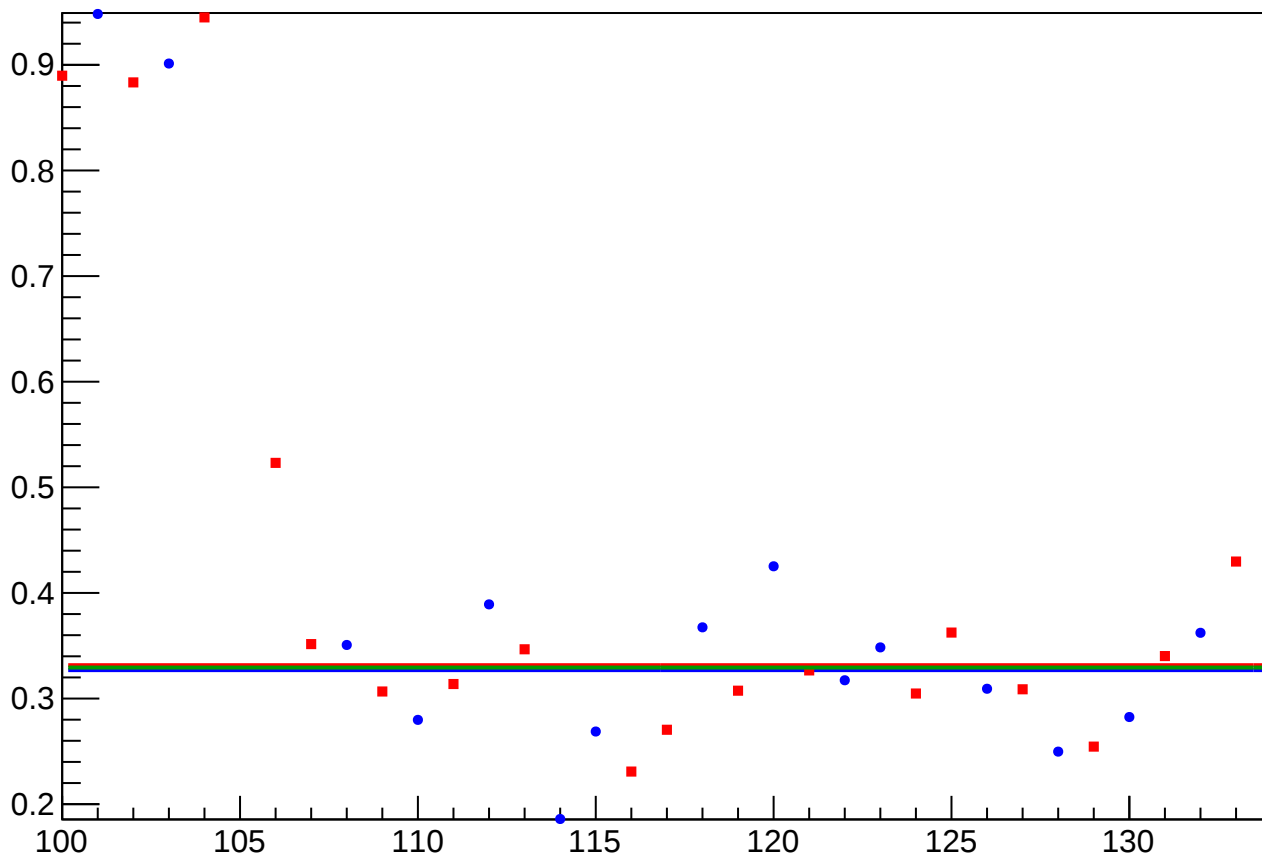
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.190+/-0.000 χ^2/NDF : 3172704144.0/15

144.087+/-0.000 χ^2/NDF : 7324904442.2/17

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

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.327+/-0.000 χ^2/NDF : 1282370.2/15

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

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

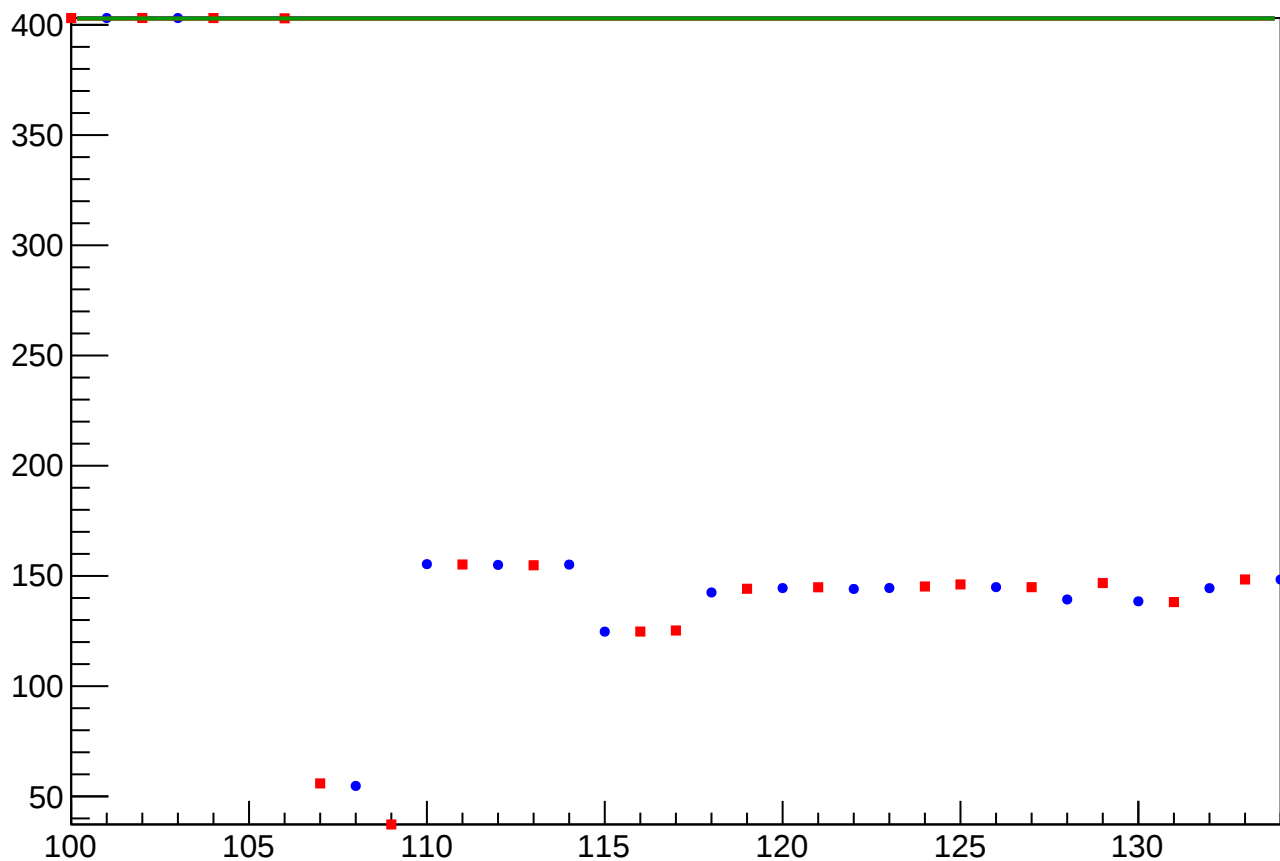
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.327+/-0.000 χ^2/NDF : 1282370.2/15

0.329+/-0.000 χ^2/NDF : 2447007.5/33

0.332+/-0.000 χ^2/NDF : 1163633.9/17

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.989+/-0.000 χ^2/NDF : 845084228599.9/15

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

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

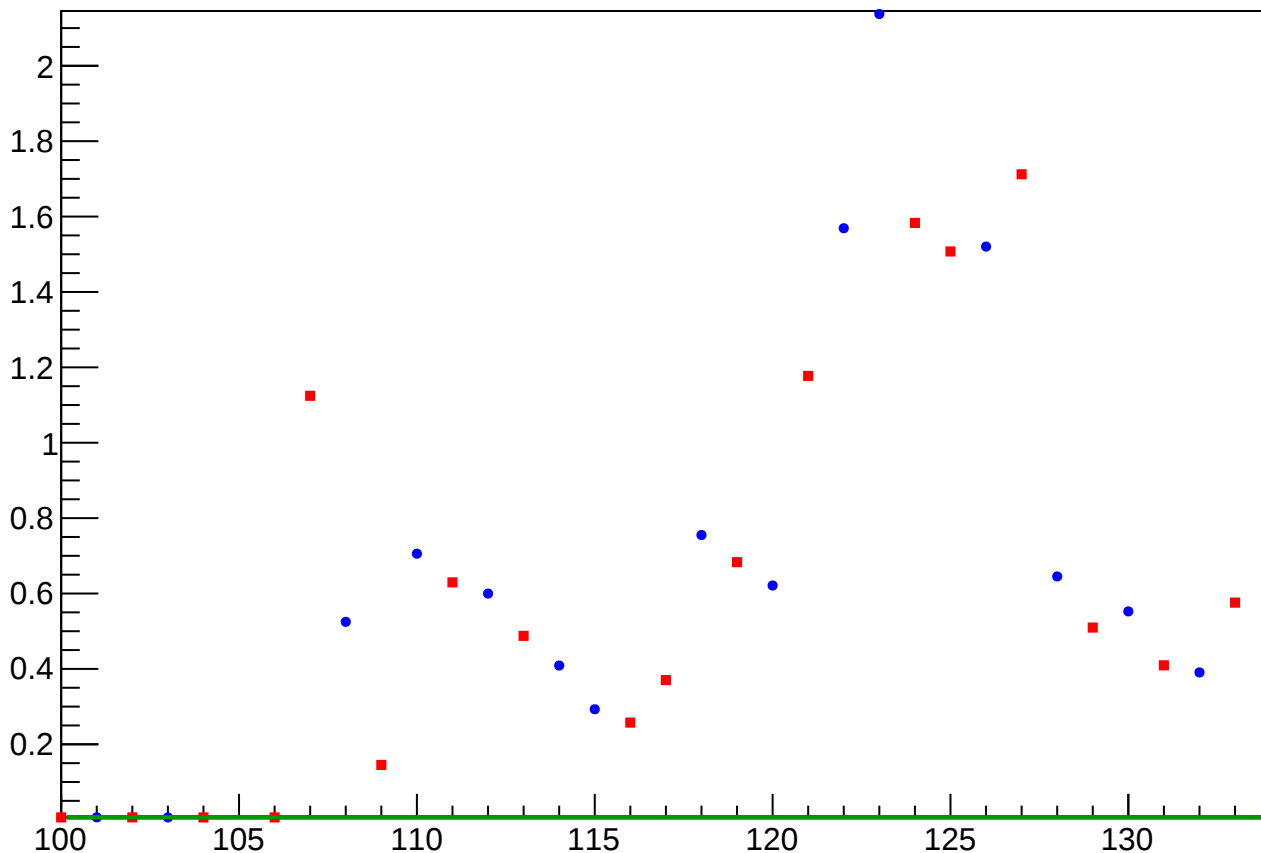
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.989+/-0.000 χ^2/NDF : 845084228599.9/15

402.898+/-0.000 χ^2/NDF : 377307454490

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 : 7617299.9/15

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

Right Out: 0.006+/-0.000 χ^2/NDF : 8081514.1/17

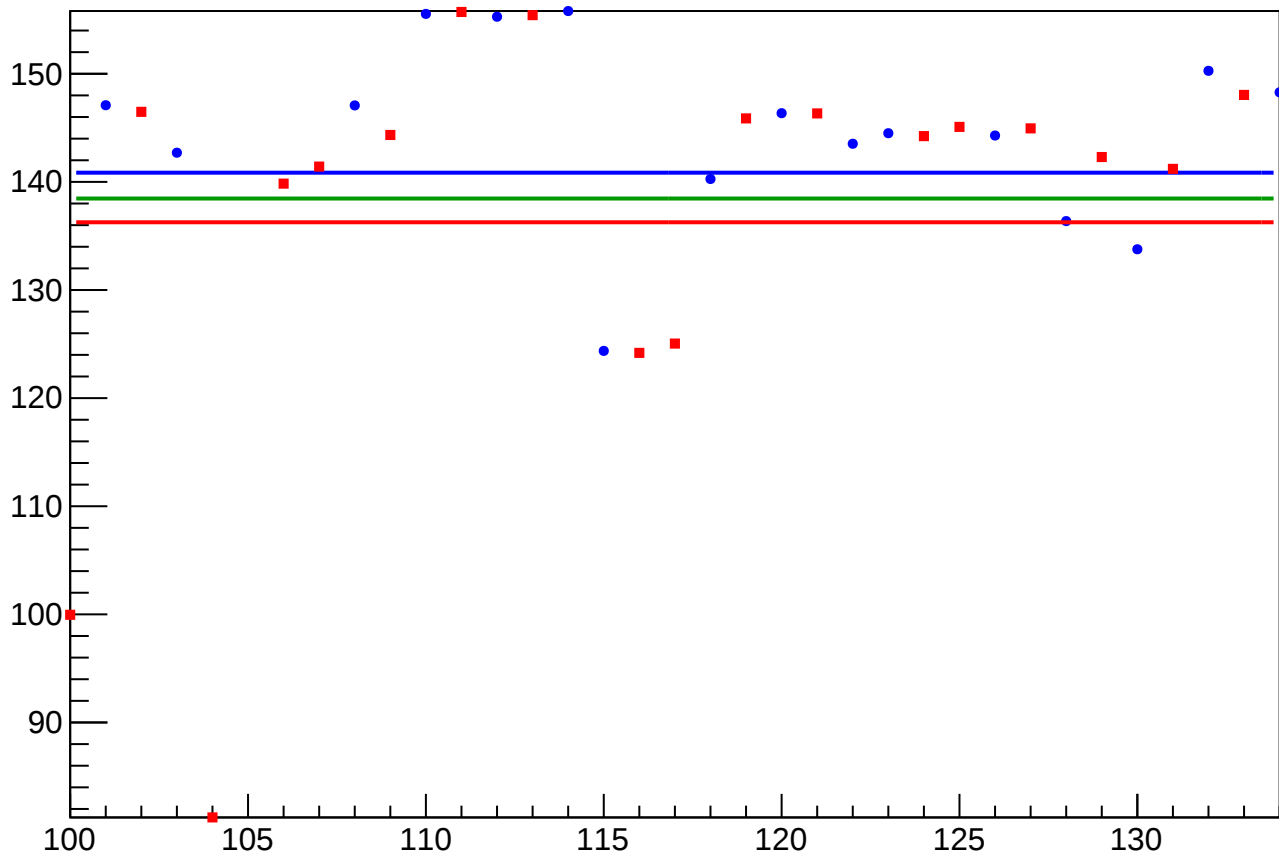
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7617299.9/15

0.006+/-0.000 χ^2/NDF : 15698817.0/33

0.006+/-0.000 χ^2/NDF : 8081514.1/17

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.852+/-0.000 χ^2/NDF : 921369140.3/15

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

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

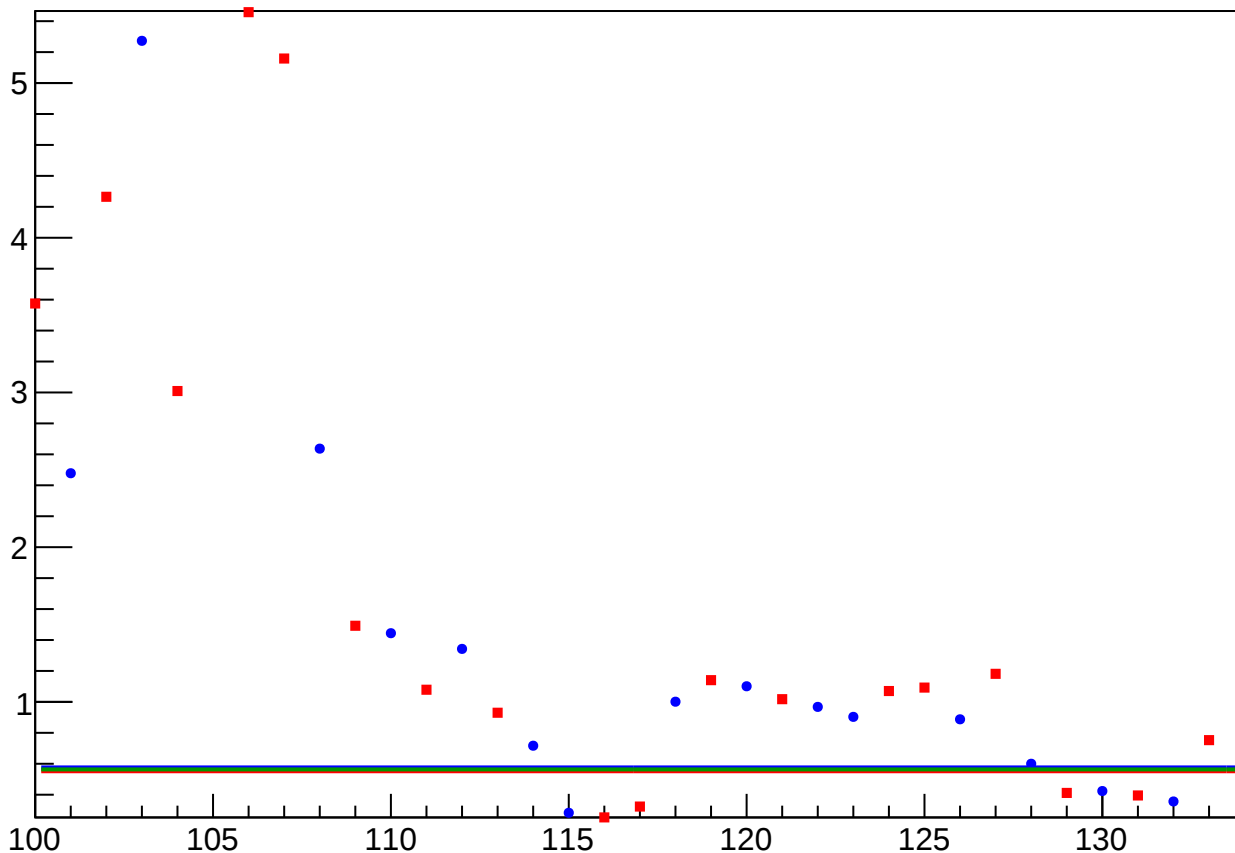
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.852+/-0.000 χ^2/NDF : 921369140.3/15

138.462+/-0.000 χ^2/NDF : 2288123632.4/17

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

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.576+/-0.000 χ^2/NDF : 3470339.8/15

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

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

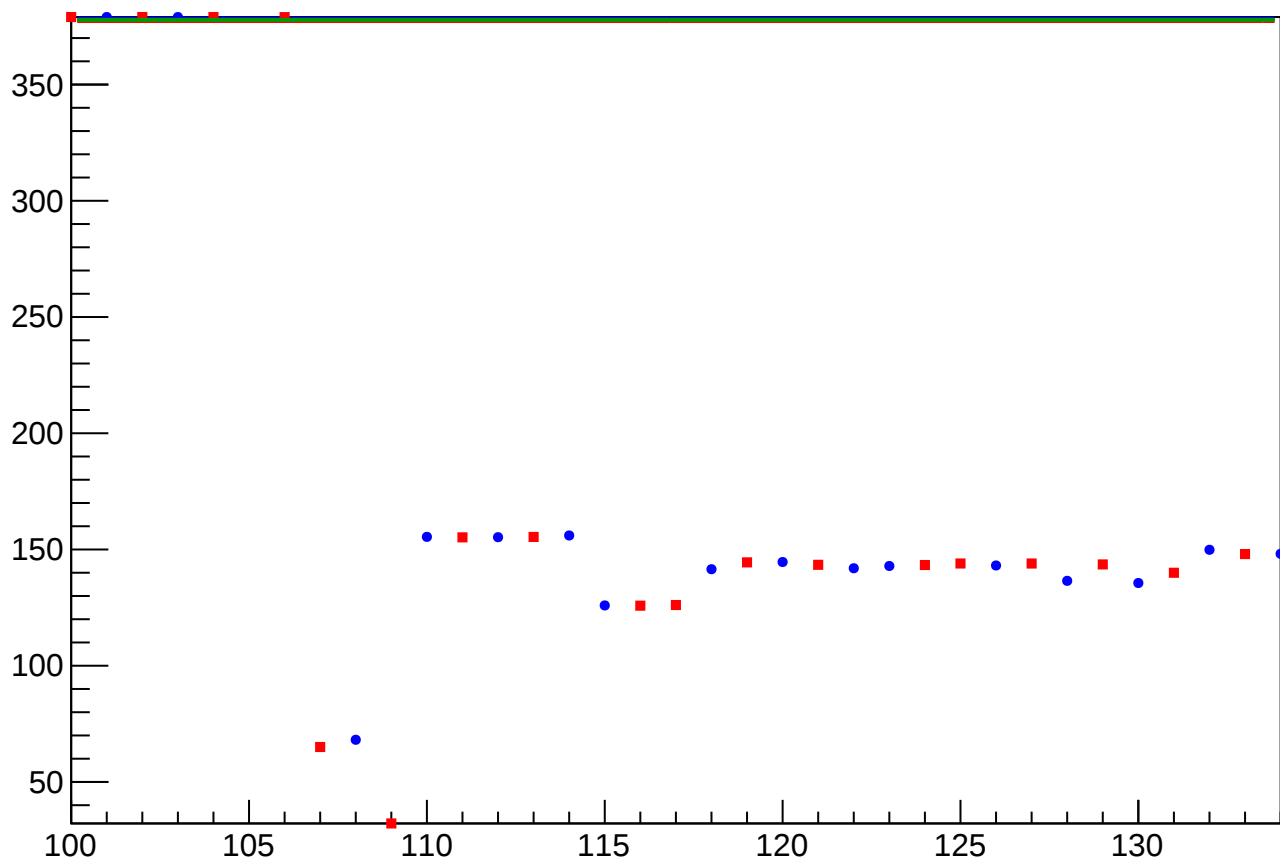
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.576+/-0.000 χ^2/NDF : 3470339.8/15

0.564+/-0.000 χ^2/NDF : 8176989.5/33

0.552+/-0.000 χ^2/NDF : 4700768.4/17

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

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

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

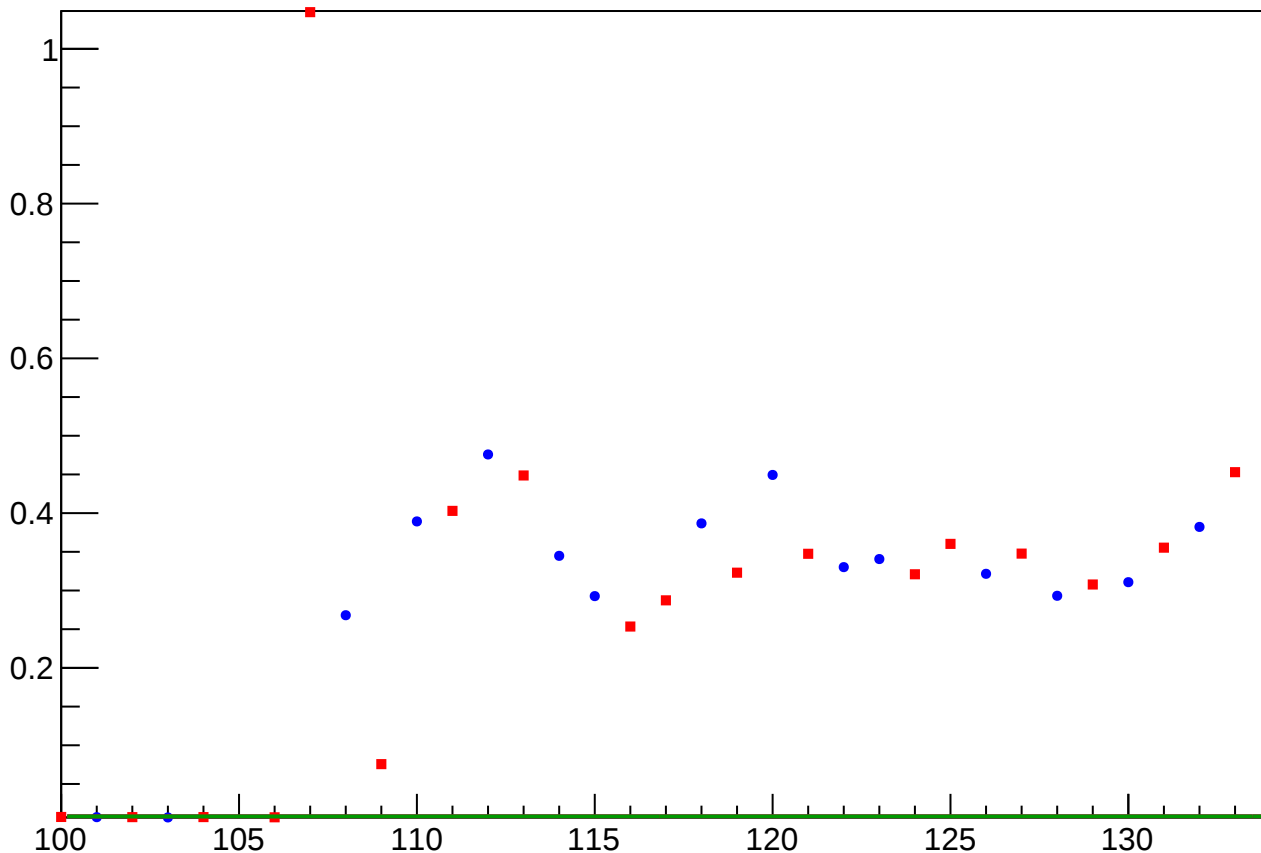
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

377.825+/-0.000 χ^2/NDF : 103271206185

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 : 8323867.5/15

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

Right Out: 0.008+/-0.000 χ^2/NDF : 8395494.7/17

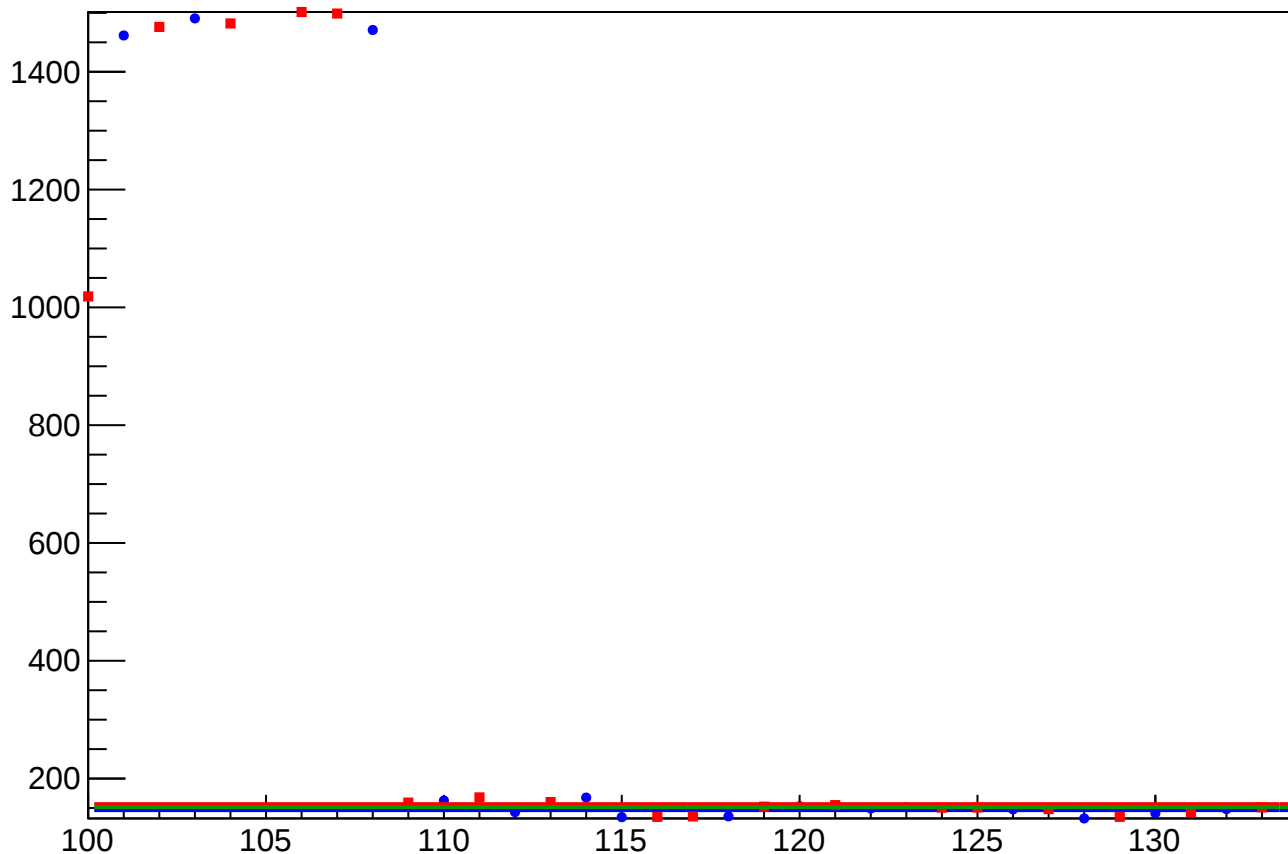
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 8323867.5/15

0.008+/-0.000 χ^2/NDF : 16719470.6/33

0.008+/-0.000 χ^2/NDF : 8395494.7/17

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.431+/-0.000 χ^2/NDF : 24348022123.6/15

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

Right Out: 156.544+/-0.000 χ^2/NDF : 33403754166.9/17

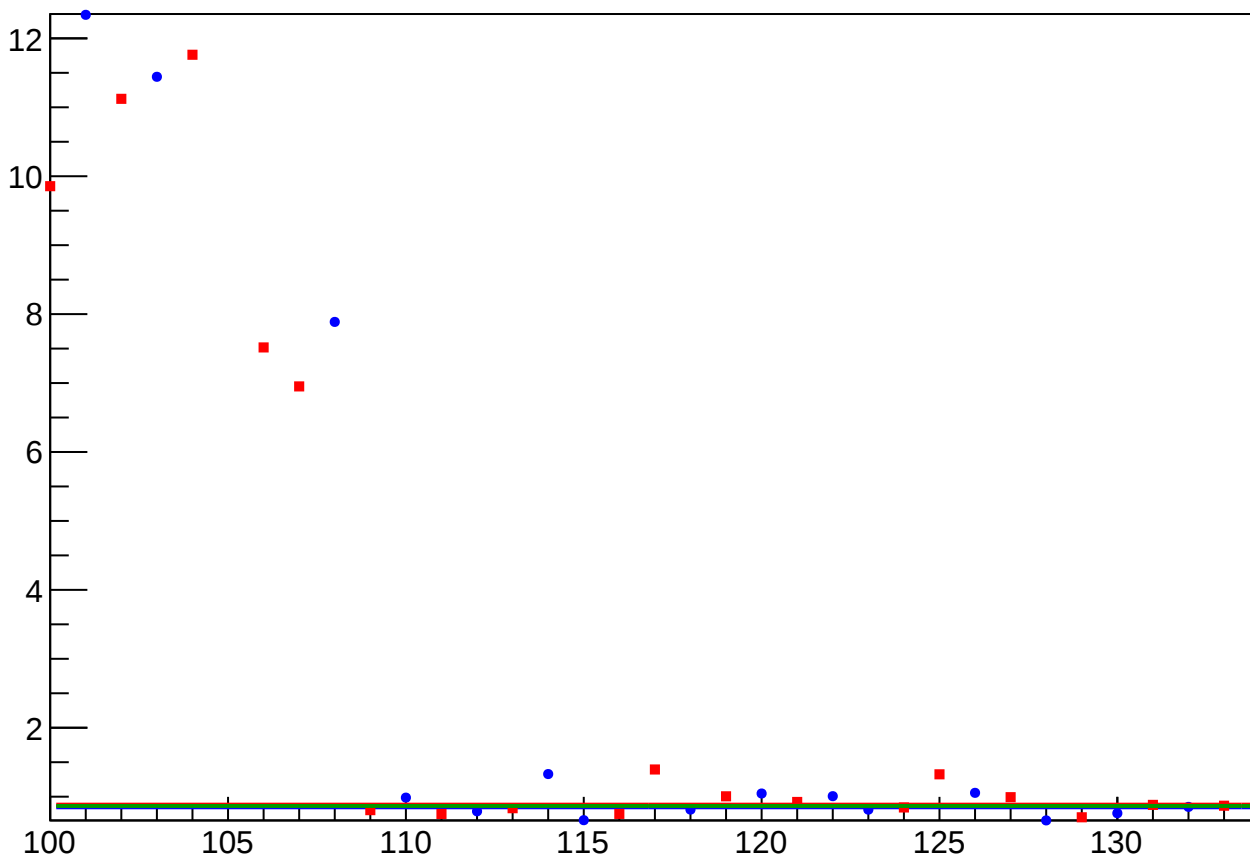
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.431+/-0.000 χ^2/NDF : 24348022123.6/15

151.527+/-0.000 χ^2/NDF : 57989577655.1

156.544+/-0.000 χ^2/NDF : 33403754166.9/17

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.846+/-0.000 χ^2/NDF : 2670004.1/15

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

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

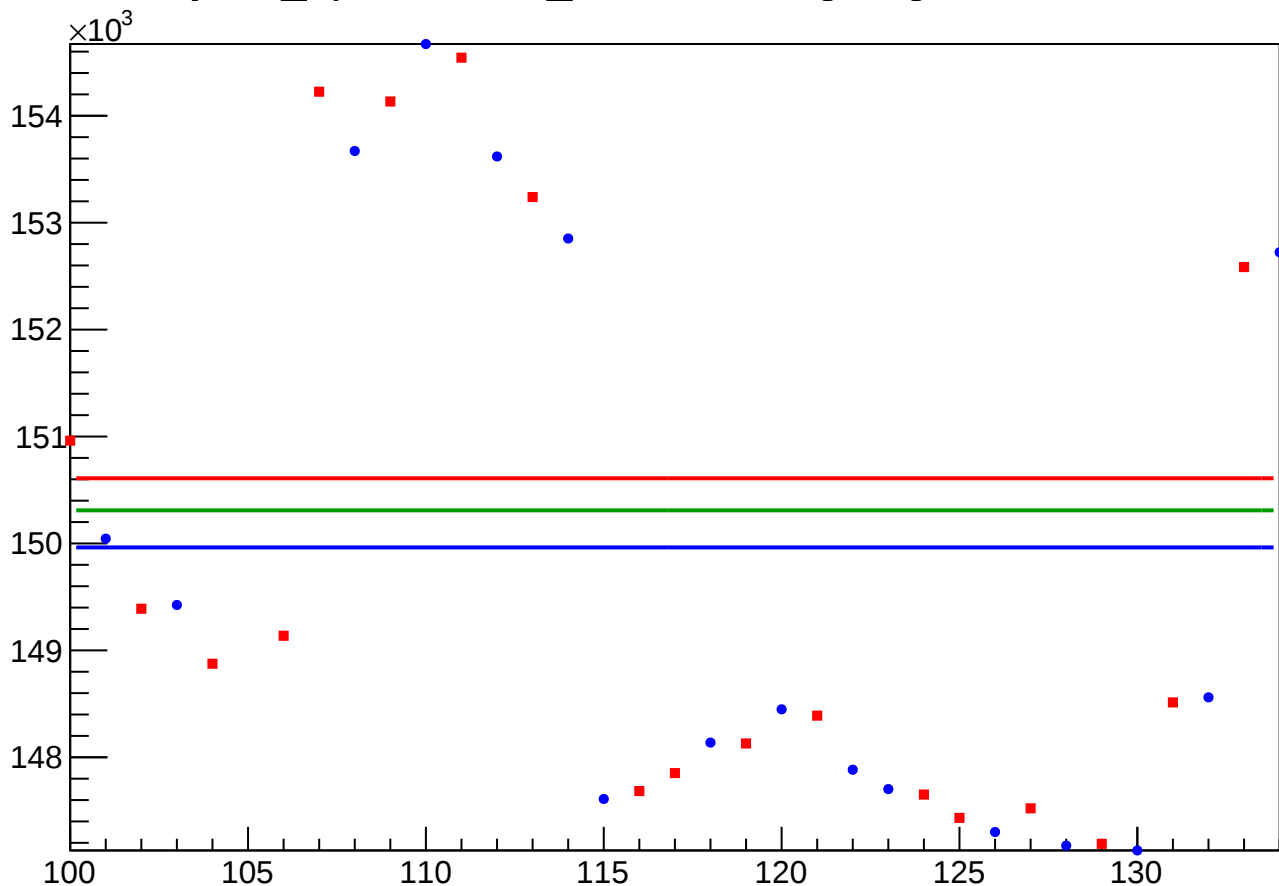
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.846+/-0.000 χ^2/NDF : 2670004.1/15

0.865+/-0.000 χ^2/NDF : 5464363.8/33

0.884+/-0.000 χ^2/NDF : 2787699.4/17

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

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

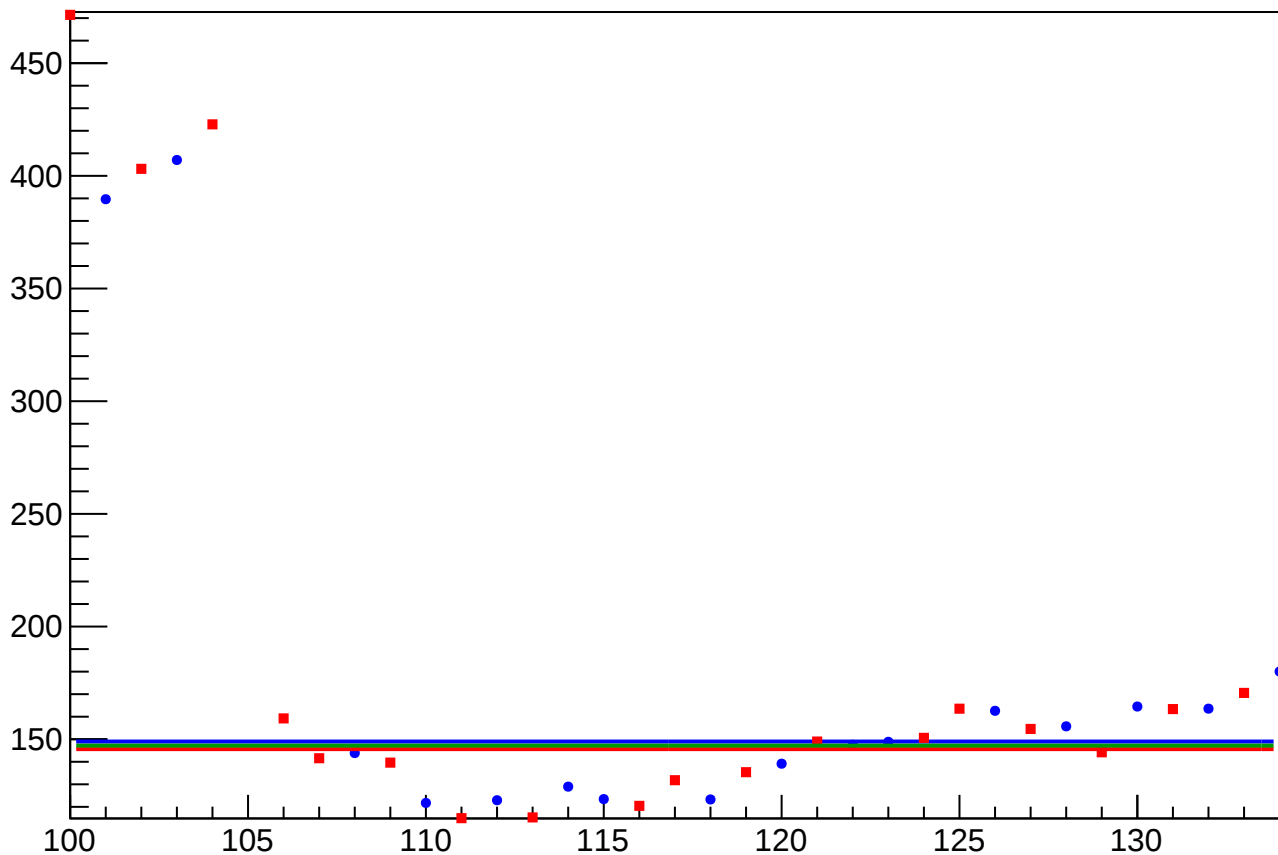
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

150309.648 $\pm$ 0.045 χ^2 /NDF: 433791359

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

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.980+/-0.047 χ^2/NDF : 1070248.9/15

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

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

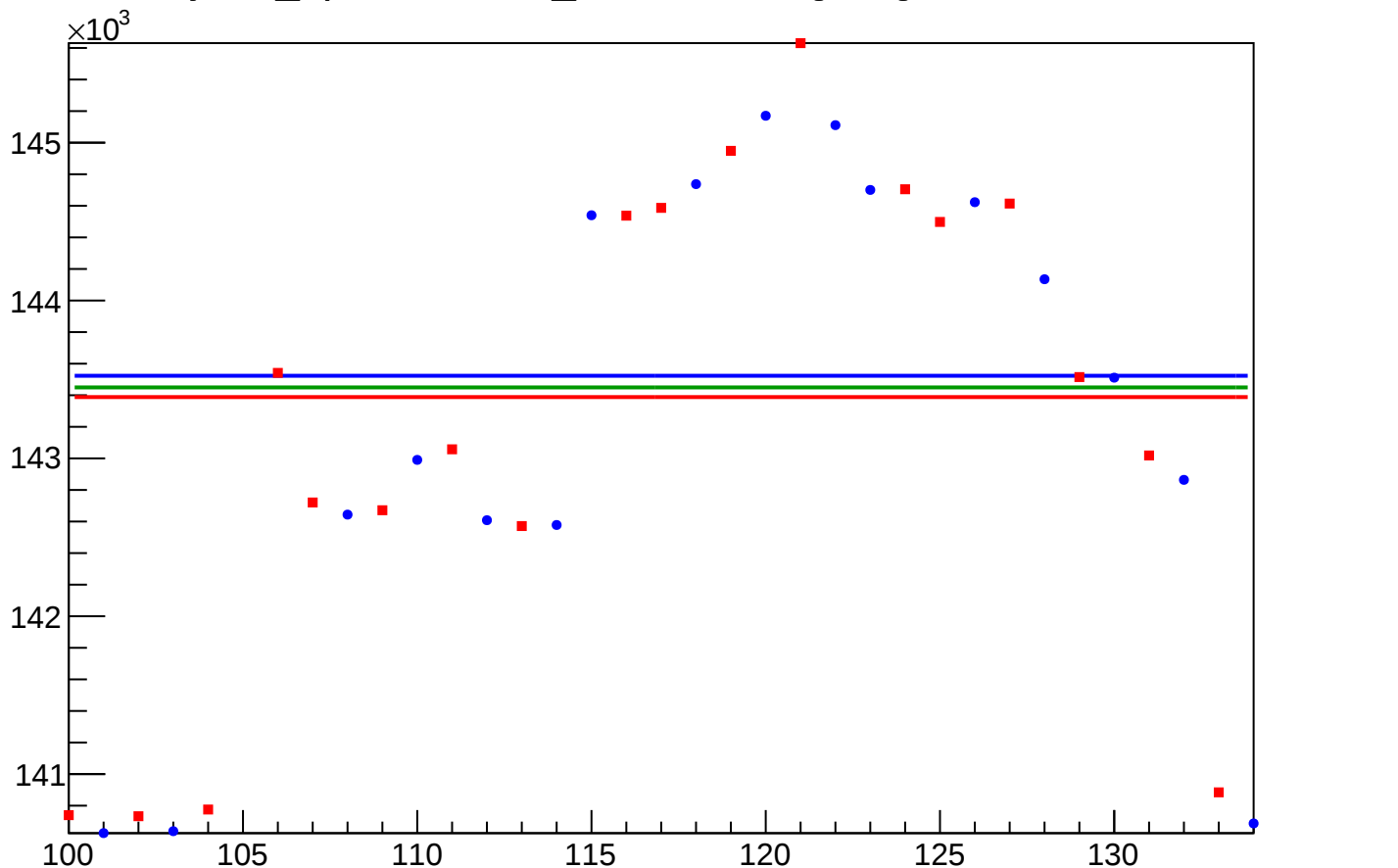
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.980+/-0.047 χ^2/NDF : 1070248.9/15

147.176+/-0.032 χ^2/NDF : 2197663.6/33

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

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143523.346 $\pm$ 0.055 χ^2/NDF : 454436628.1/15

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

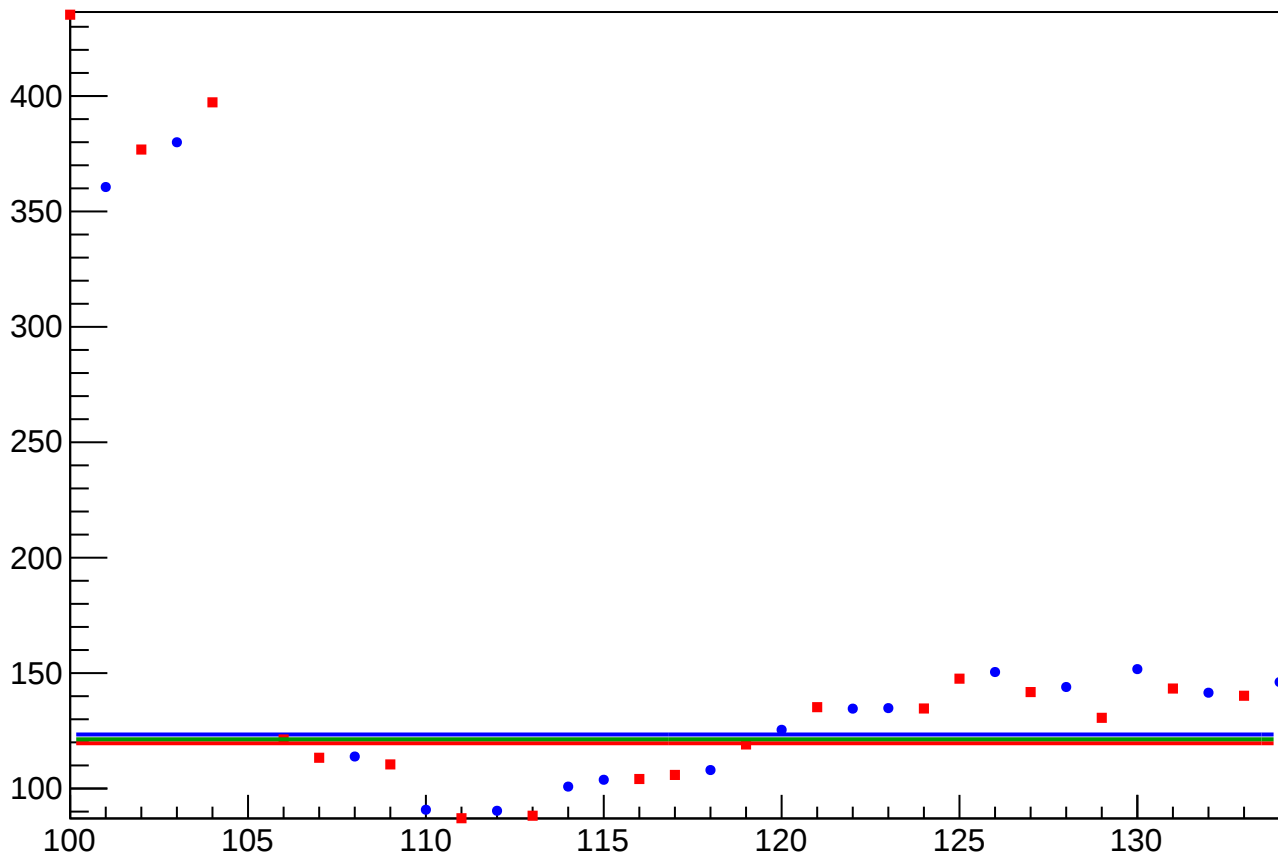
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

143523.346 $\pm$ 0.055 χ^2/NDF : 454436628.1/15

143449.578 $\pm$ 0.037 χ^2/NDF : 101278618

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

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 123.408+/-0.039 χ^2/NDF : 1372176.3/15

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

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

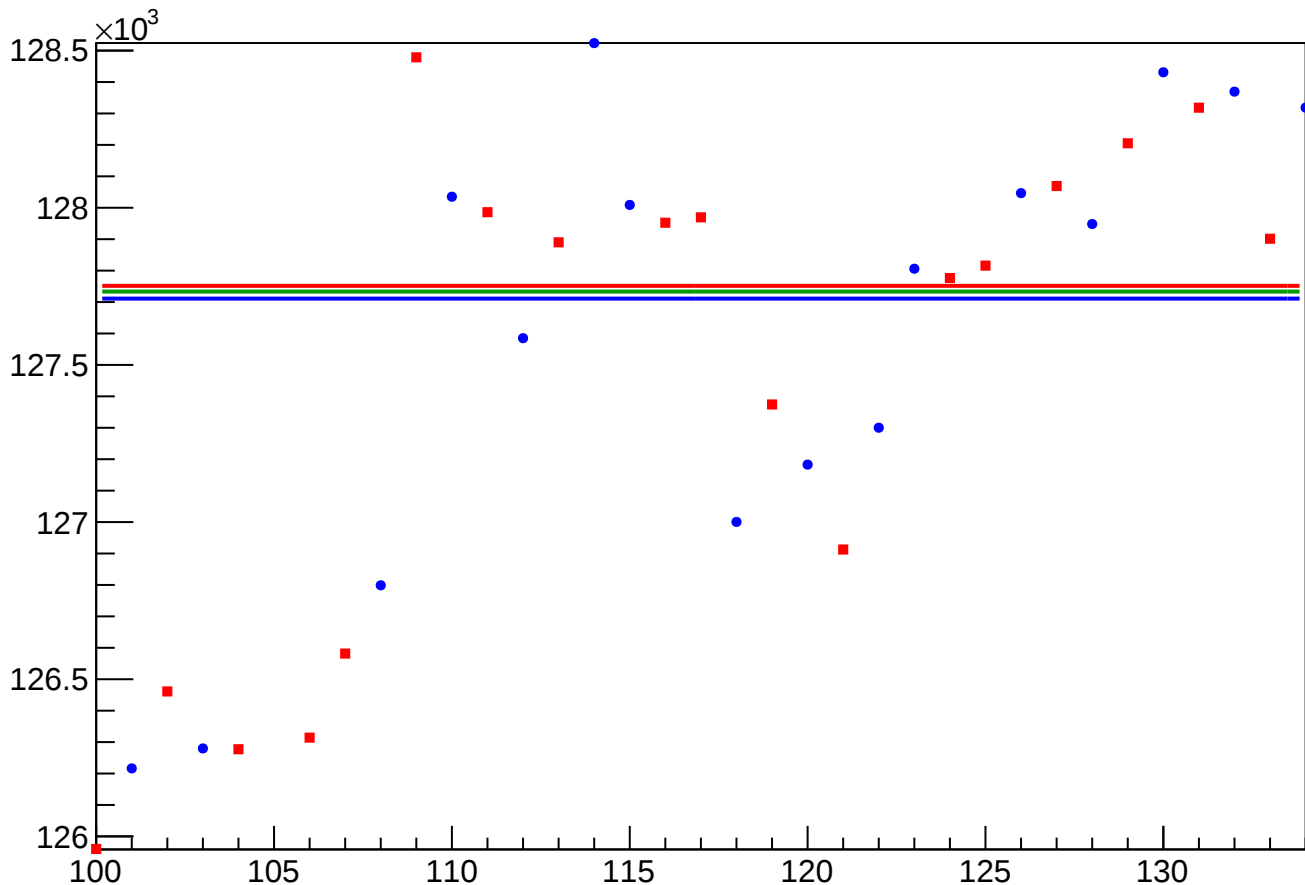
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.408+/-0.039 χ^2/NDF : 1372176.3/15

121.333+/-0.026 χ^2/NDF : 2787918.8/33

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

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

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

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

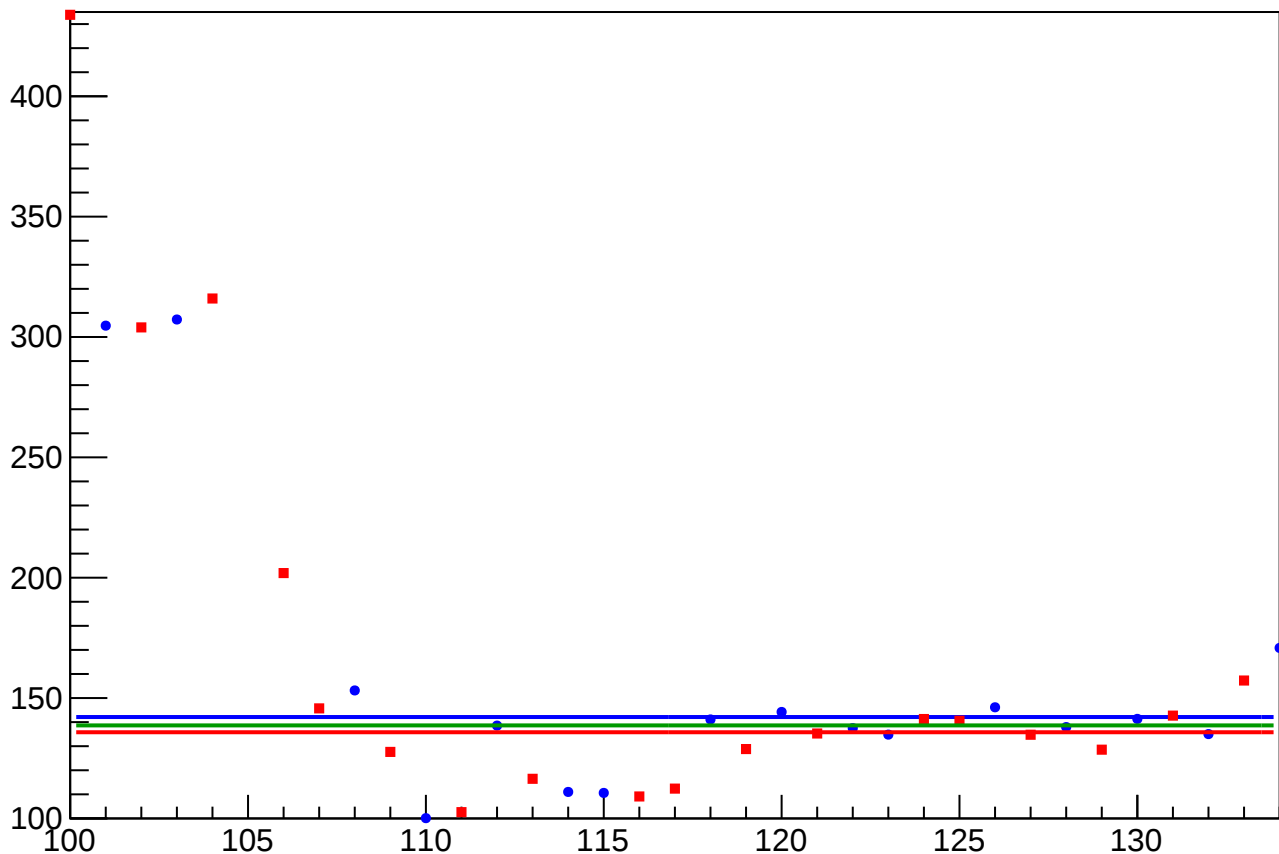
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

127733.333 $\pm$ 0.042 χ^2 /NDF: 207521629

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.116 $\pm$ 0.044 χ^2 /NDF: 835681.9/15

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

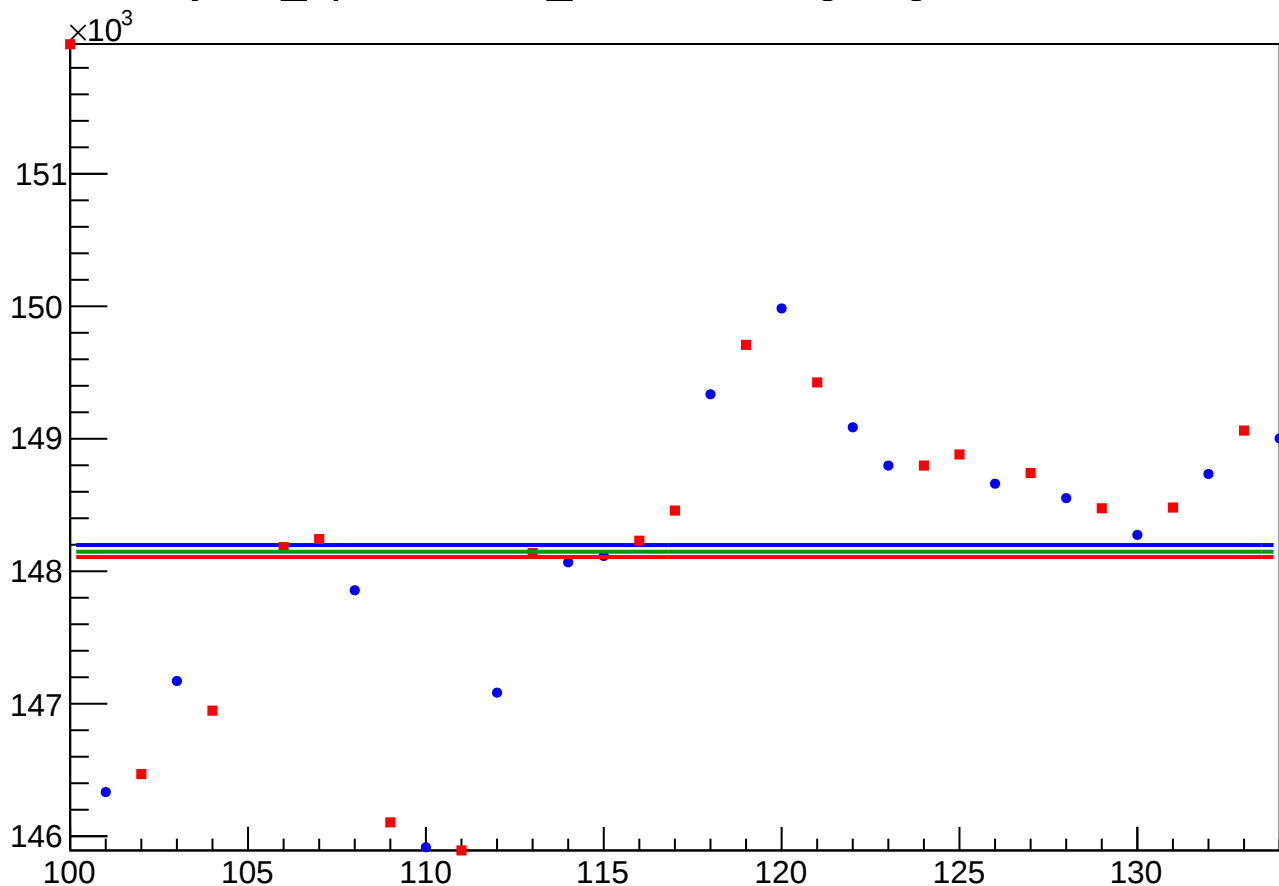
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.116 $\pm$ 0.044 χ^2 /NDF: 835681.9/15

138.639 $\pm$ 0.030 χ^2 /NDF: 1796102.6/33

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

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 148197.841 $\pm$ 0.089 χ^2 /NDF: 115921787.0/15

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

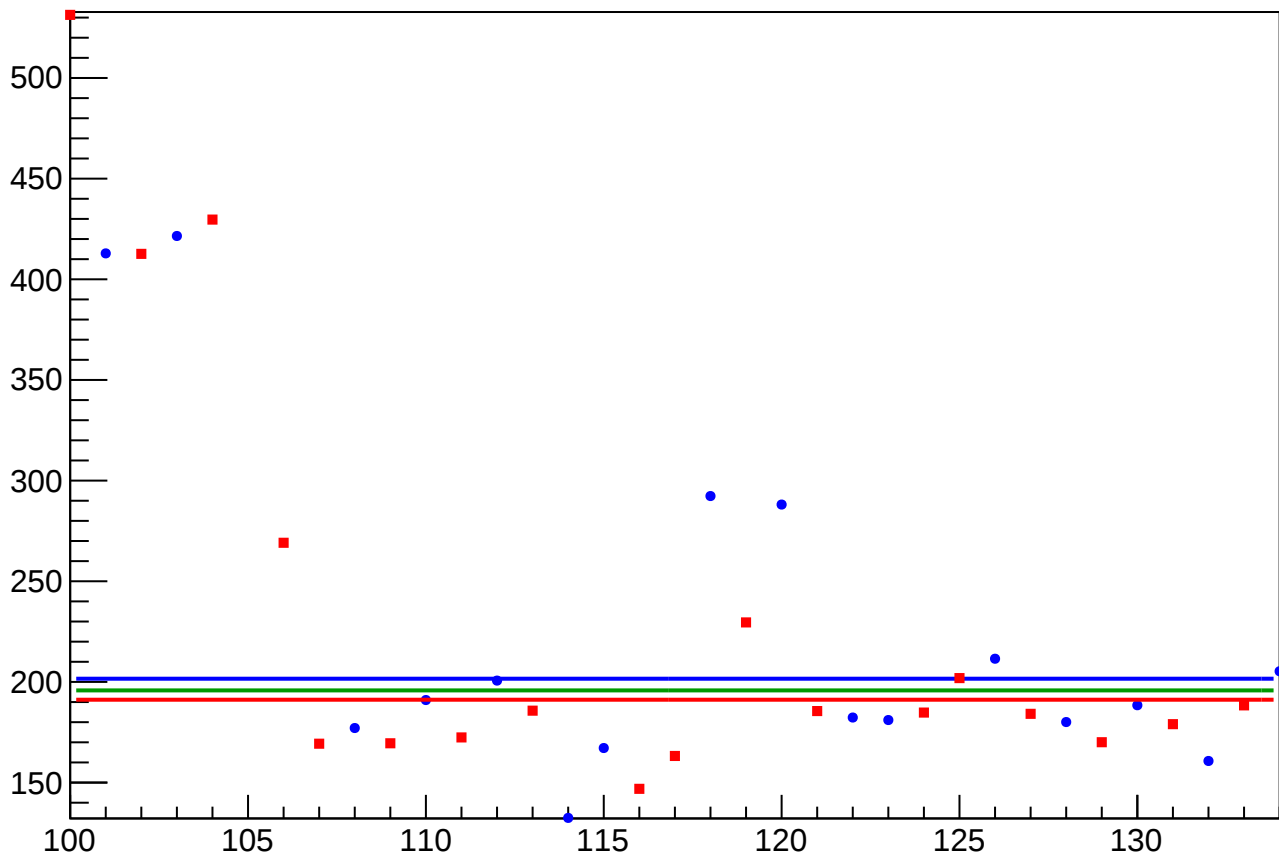
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148197.841 $\pm$ 0.089 χ^2 /NDF: 115921787.0/15

148147.468 $\pm$ 0.059 χ^2 /NDF: 338023879

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

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 201.595 $\pm$ 0.063 χ^2 /NDF: 934382.2/15

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

Right Out: 191.158 $\pm$ 0.056 χ^2 /NDF: 843991.2/17

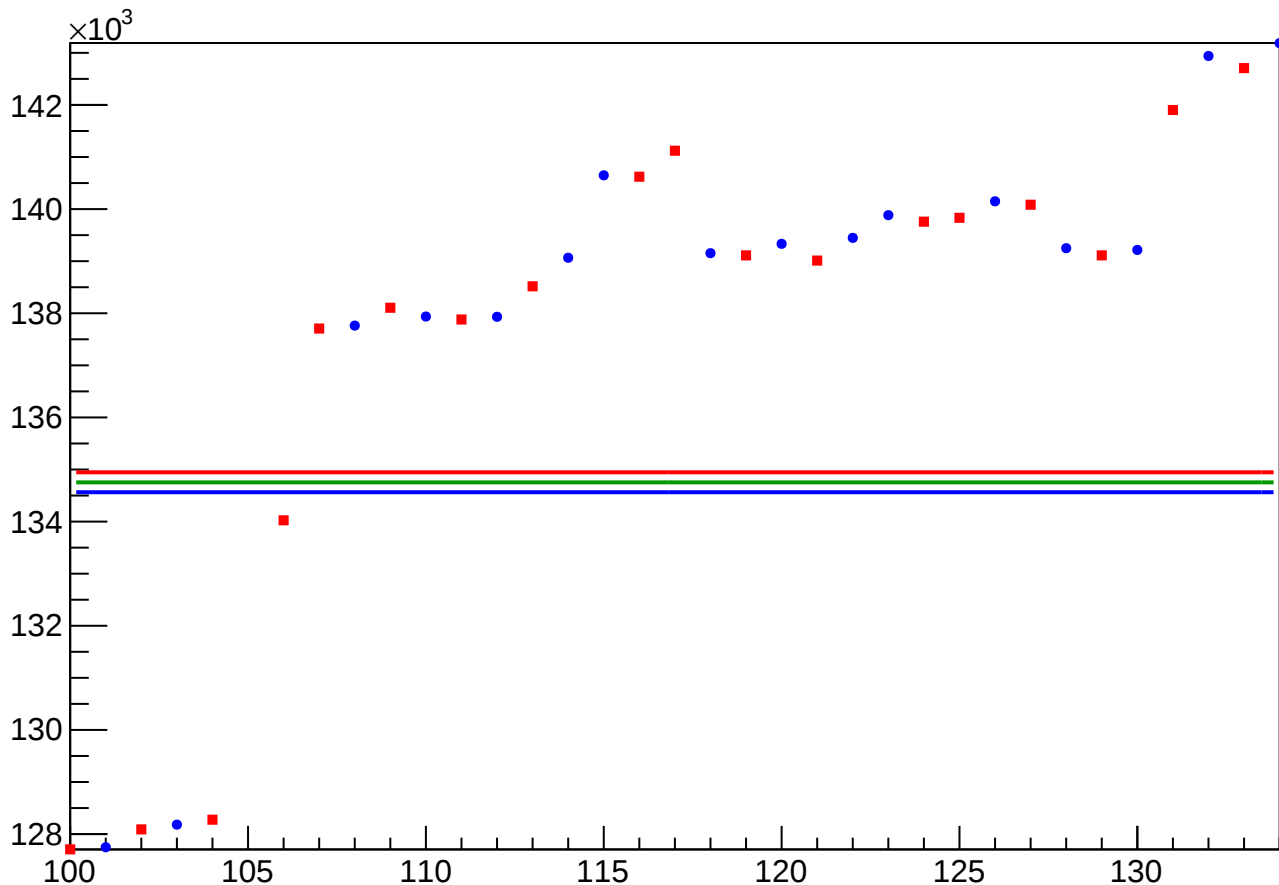
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

201.595 $\pm$ 0.063 χ^2 /NDF: 934382.2/15

195.787 $\pm$ 0.042 χ^2 /NDF: 1793718.5/33

191.158 $\pm$ 0.056 χ^2 /NDF: 843991.2/17

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

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

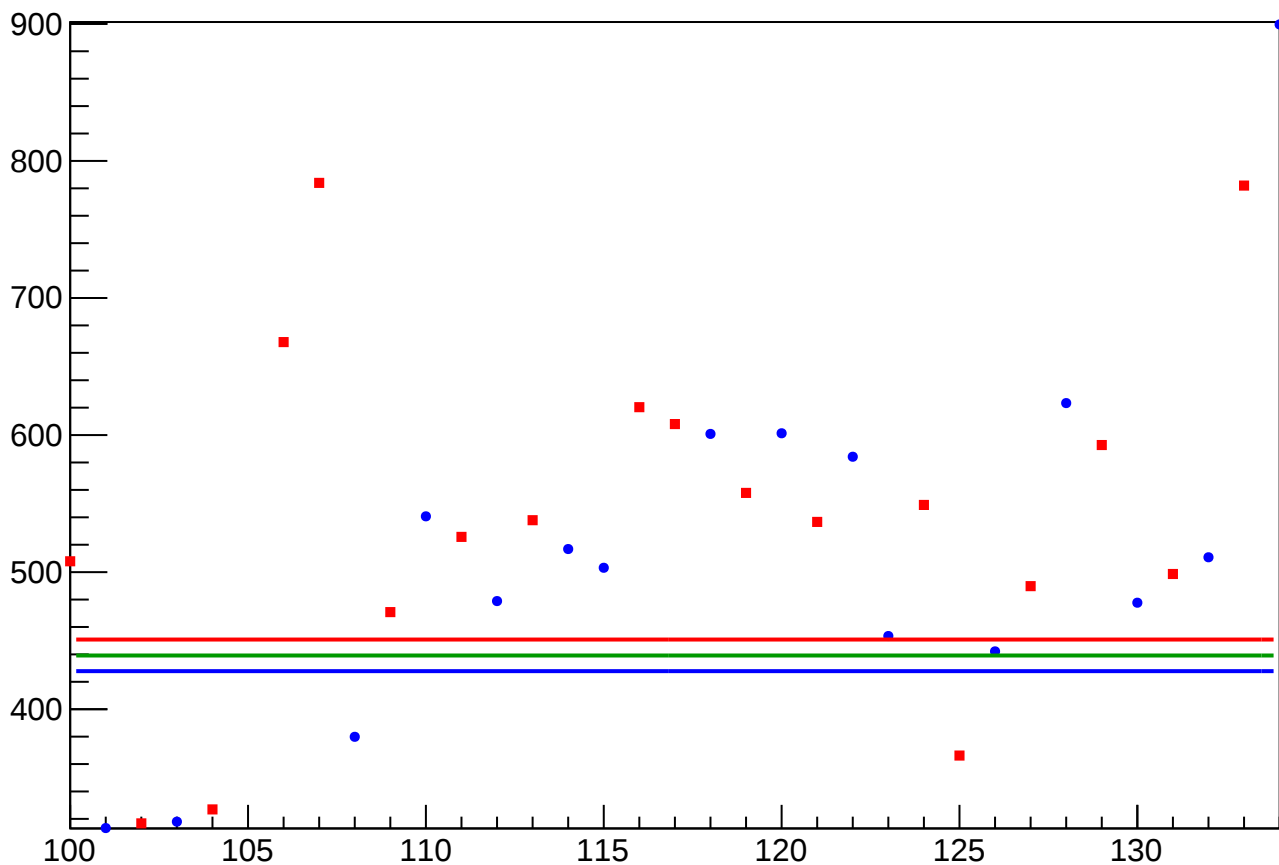
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

134753.221 $\pm$ 0.136 χ^2 /NDF: 171816126

134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.781+/-0.135 χ^2/NDF : 721279.9/15

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

Right Out: 450.839+/-0.136 χ^2/NDF : 845927.0/17

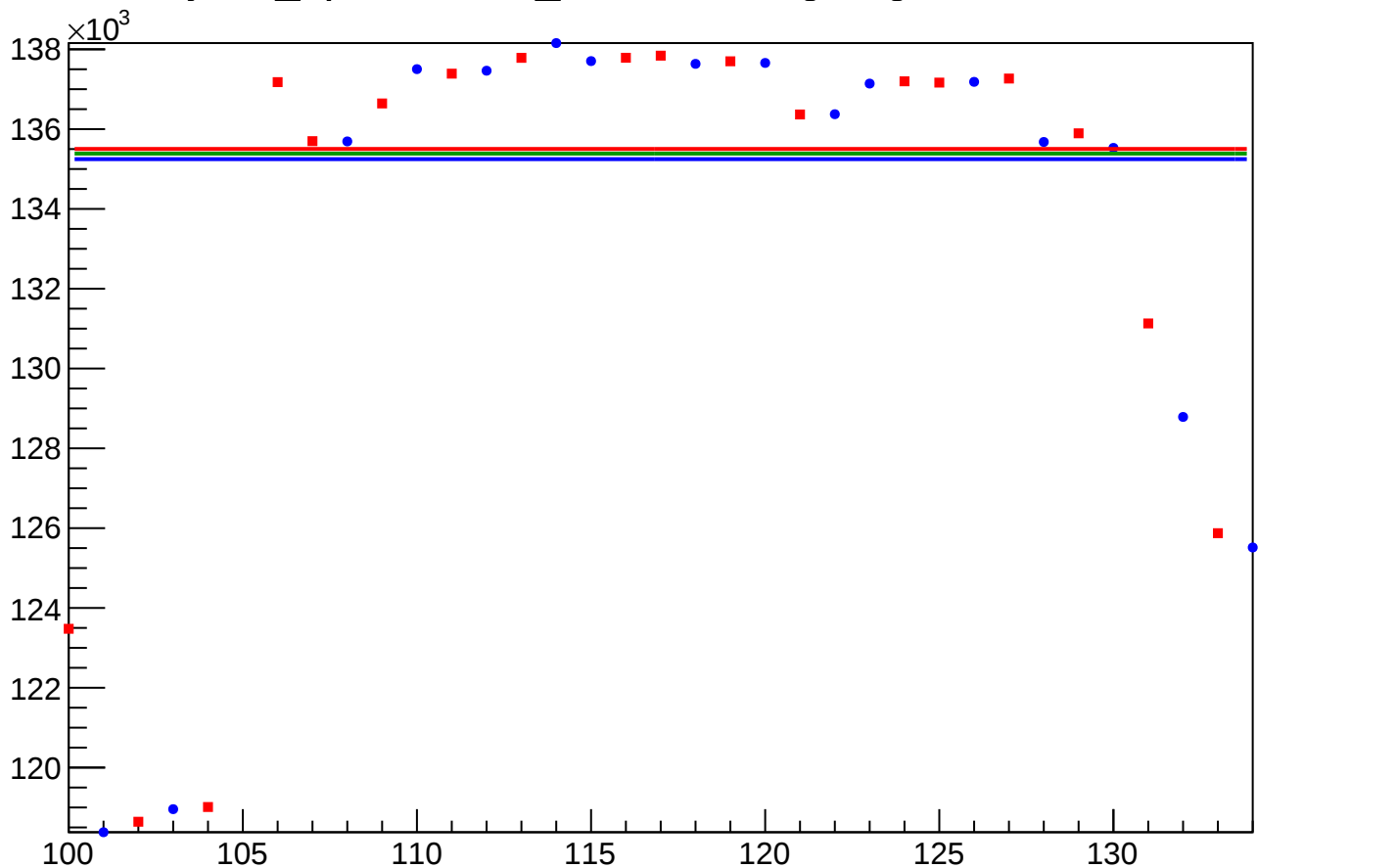
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.781+/-0.135 χ^2/NDF : 721279.9/15

439.193+/-0.096 χ^2/NDF : 1581622.1/33

450.839+/-0.136 χ^2/NDF : 845927.0/17

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

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

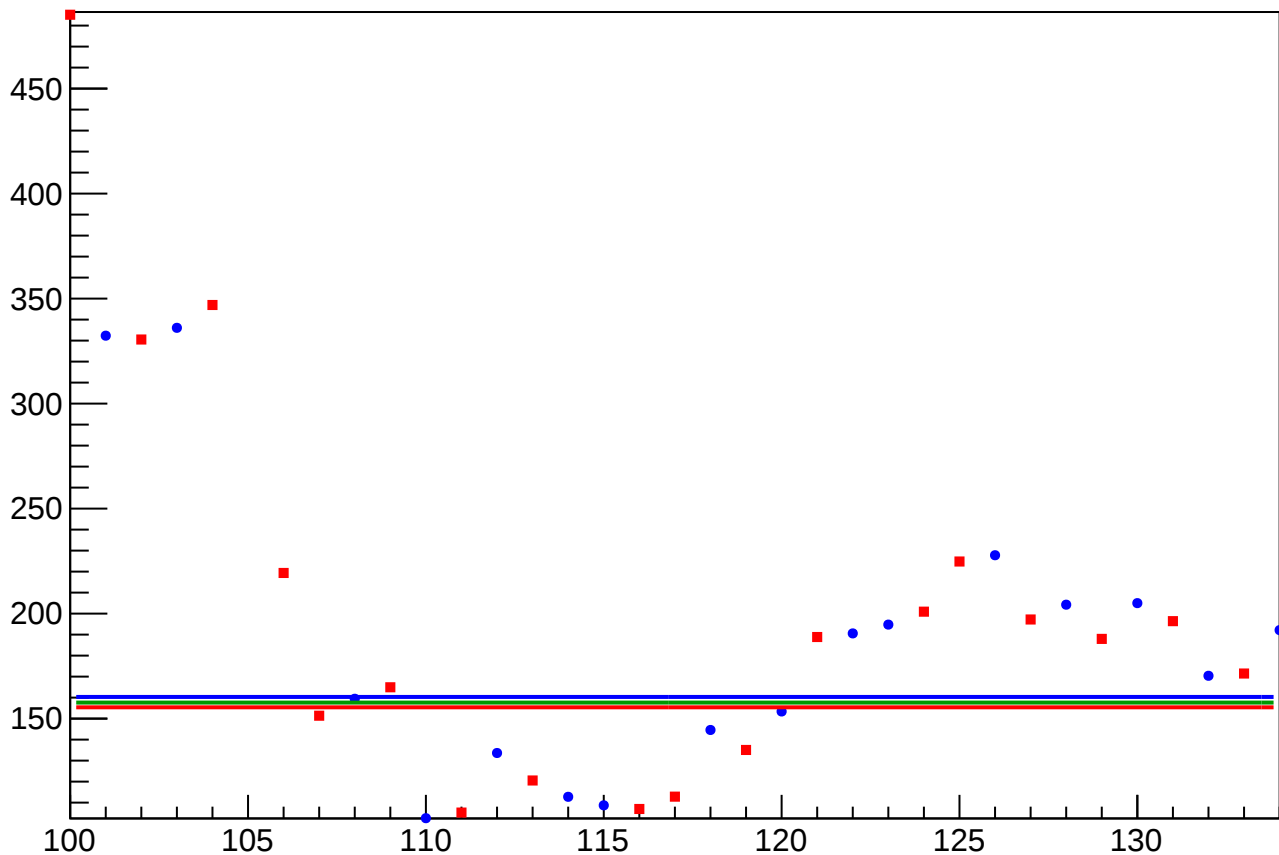
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

135386.167 $\pm$ 0.048 χ^2 /NDF: 928394137

135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 160.322+/-0.051 χ^2/NDF : 1161517.5/15

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

Right Out: 155.379+/-0.046 χ^2/NDF : 1313771.9/17

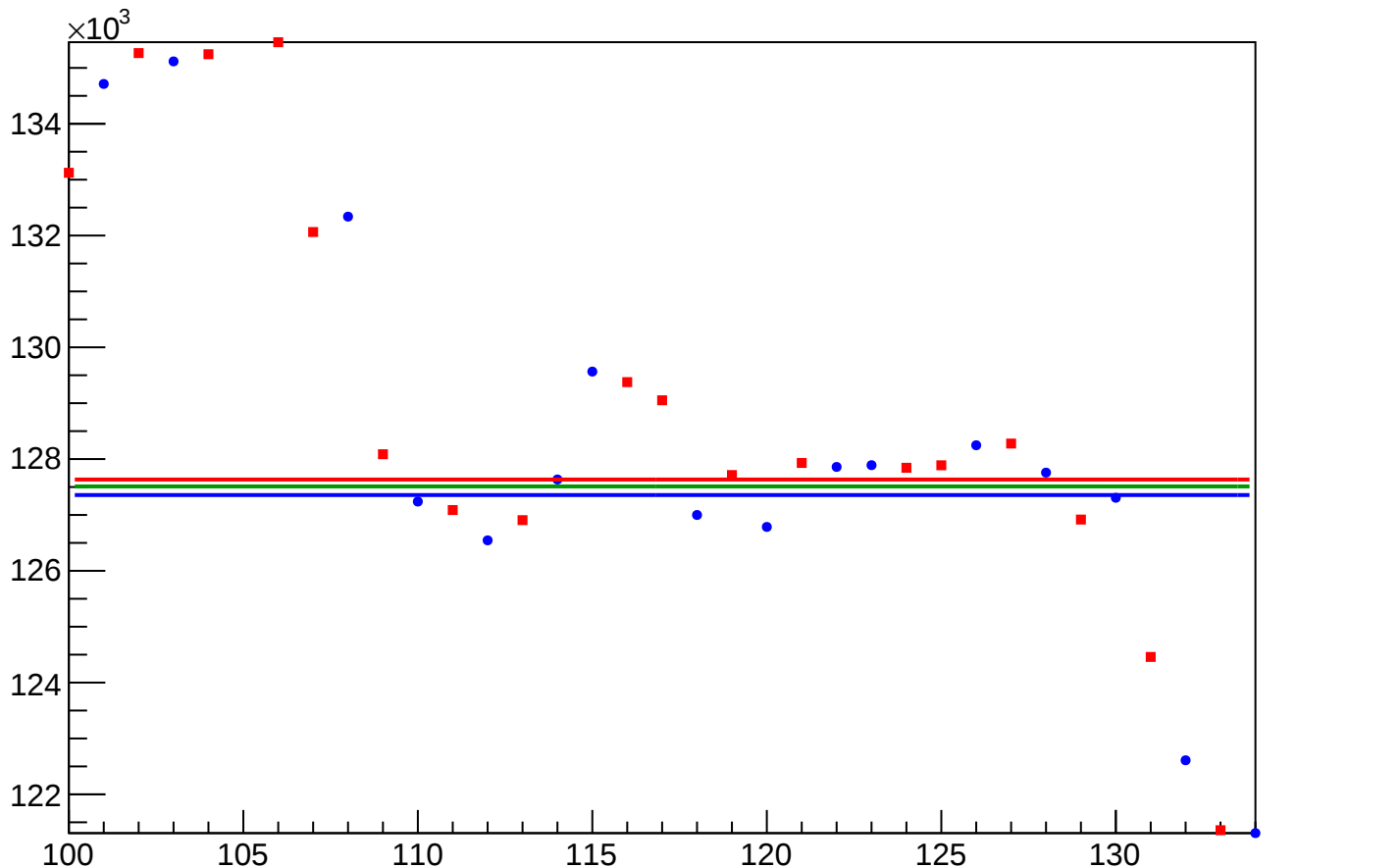
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.322+/-0.051 χ^2/NDF : 1161517.5/15

157.635+/-0.034 χ^2/NDF : 2480477.2/33

155.379+/-0.046 χ^2/NDF : 1313771.9/17

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

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

127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

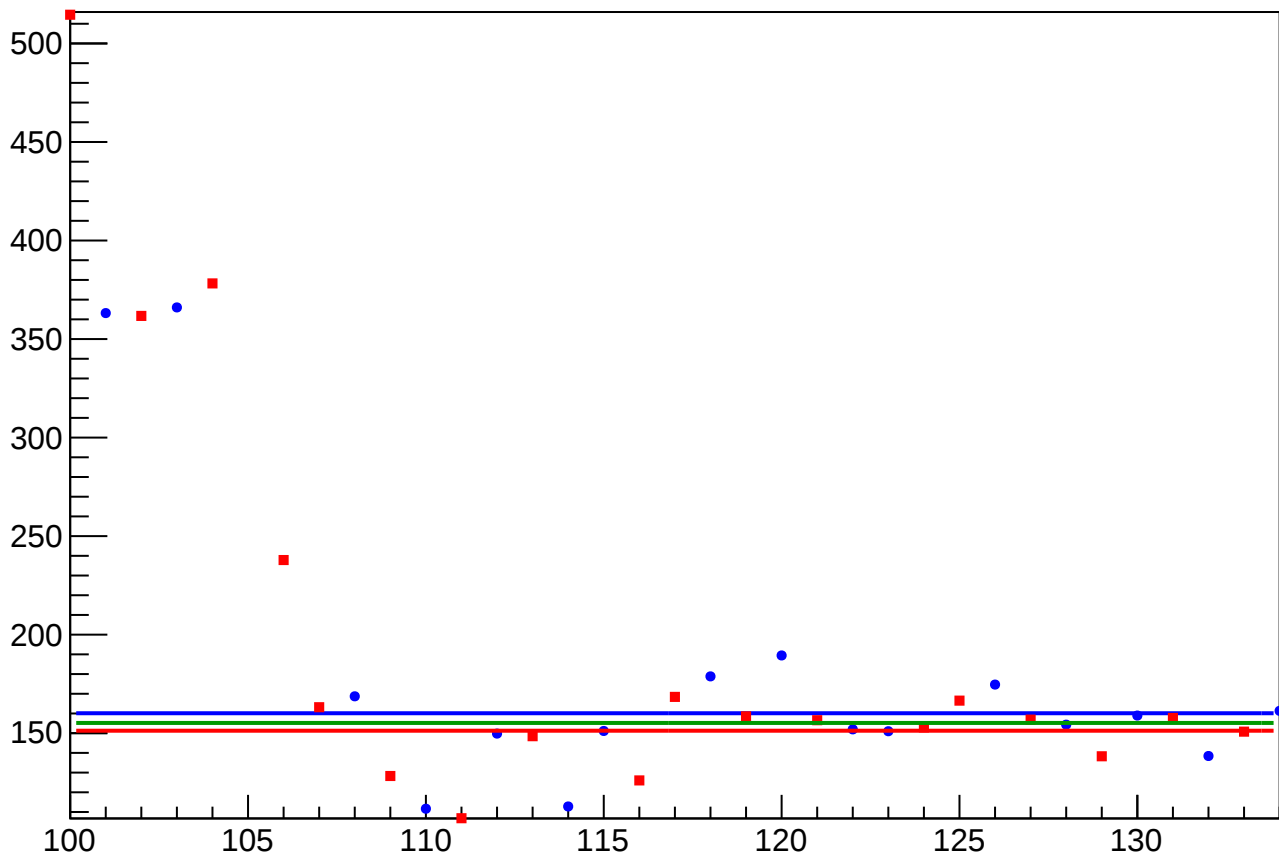
127510.486 $\pm$ 0.048 χ^2 /NDF: 358512002

Right Out: 127634.088 $\pm$ 0.064 χ^2 /NDF: 1961776330.1/17

127634.088 $\pm$ 0.064 χ^2 /NDF: 1961776330.1/17

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

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.121+/-0.050 χ^2/NDF : 942173.4/15

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

Right Out: 151.253+/-0.045 χ^2/NDF : 1072388.5/17

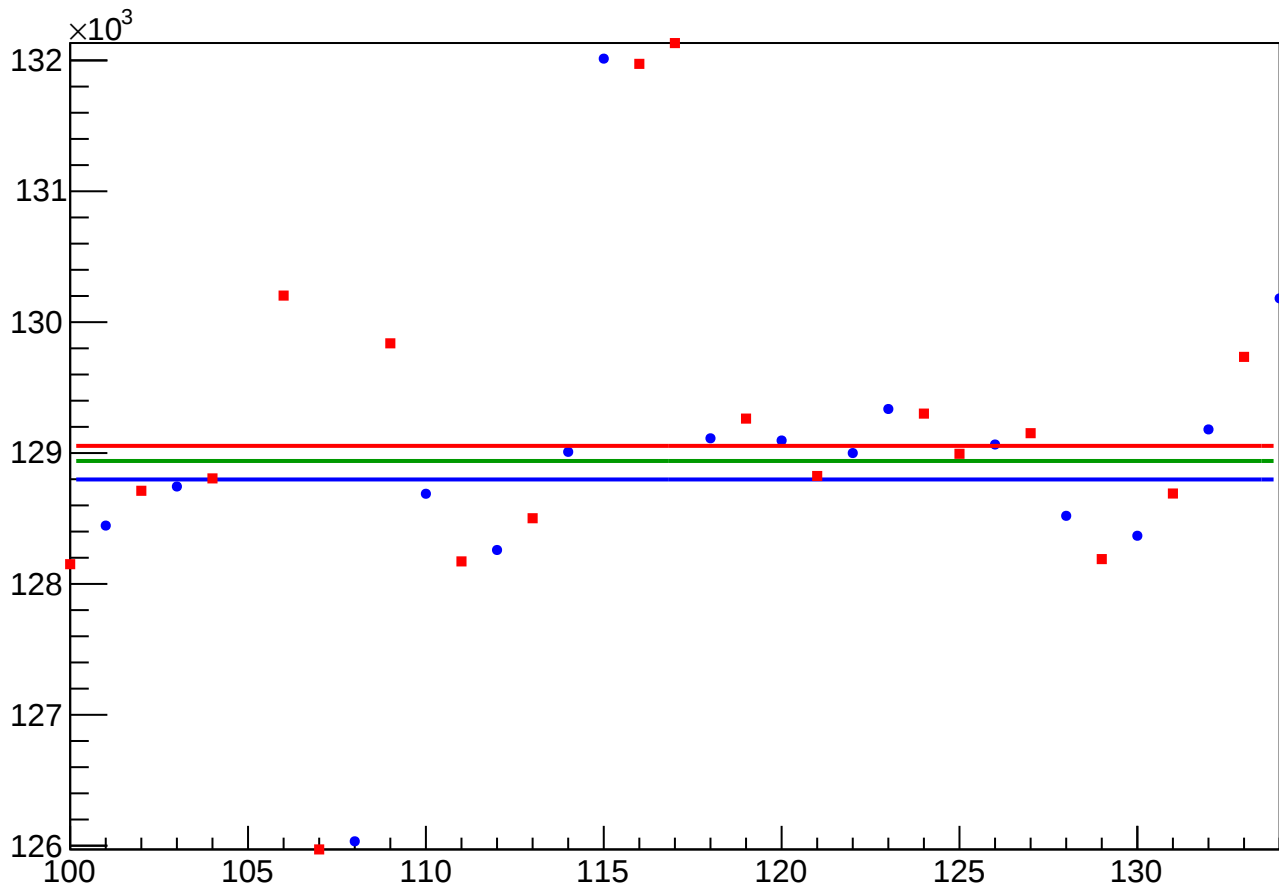
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.121+/-0.050 χ^2/NDF : 942173.4/15

155.197+/-0.034 χ^2/NDF : 2031750.7/33

151.253+/-0.045 χ^2/NDF : 1072388.5/17

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

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

Right Out: 129054.799 $\pm$ 0.057 χ^2 /NDF: 514990090.5/17

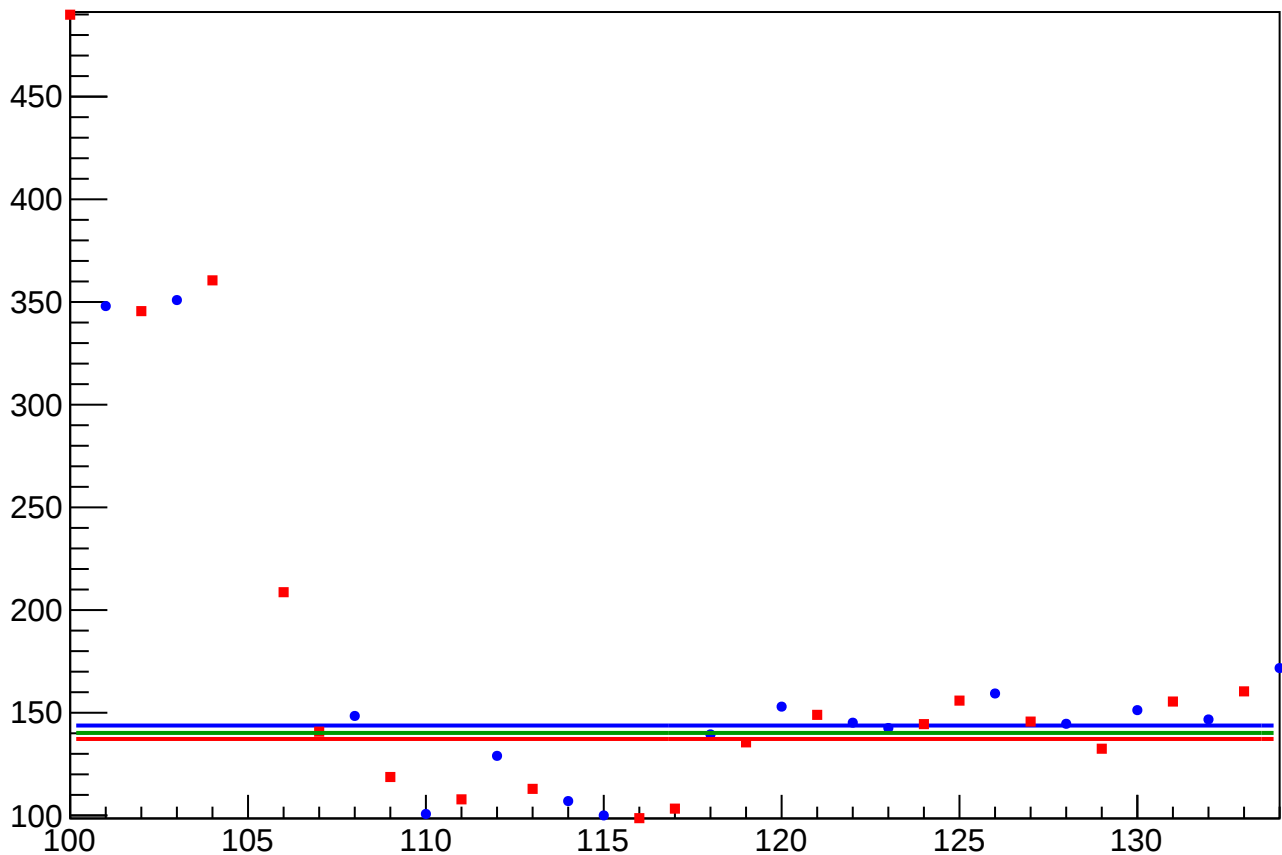
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

128939.415 $\pm$ 0.043 χ^2 /NDF: 824185987

129054.799 $\pm$ 0.057 χ^2 /NDF: 514990090.5/17

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 143.774 $\pm$ 0.045 χ^2 /NDF: 1030847.9/15

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

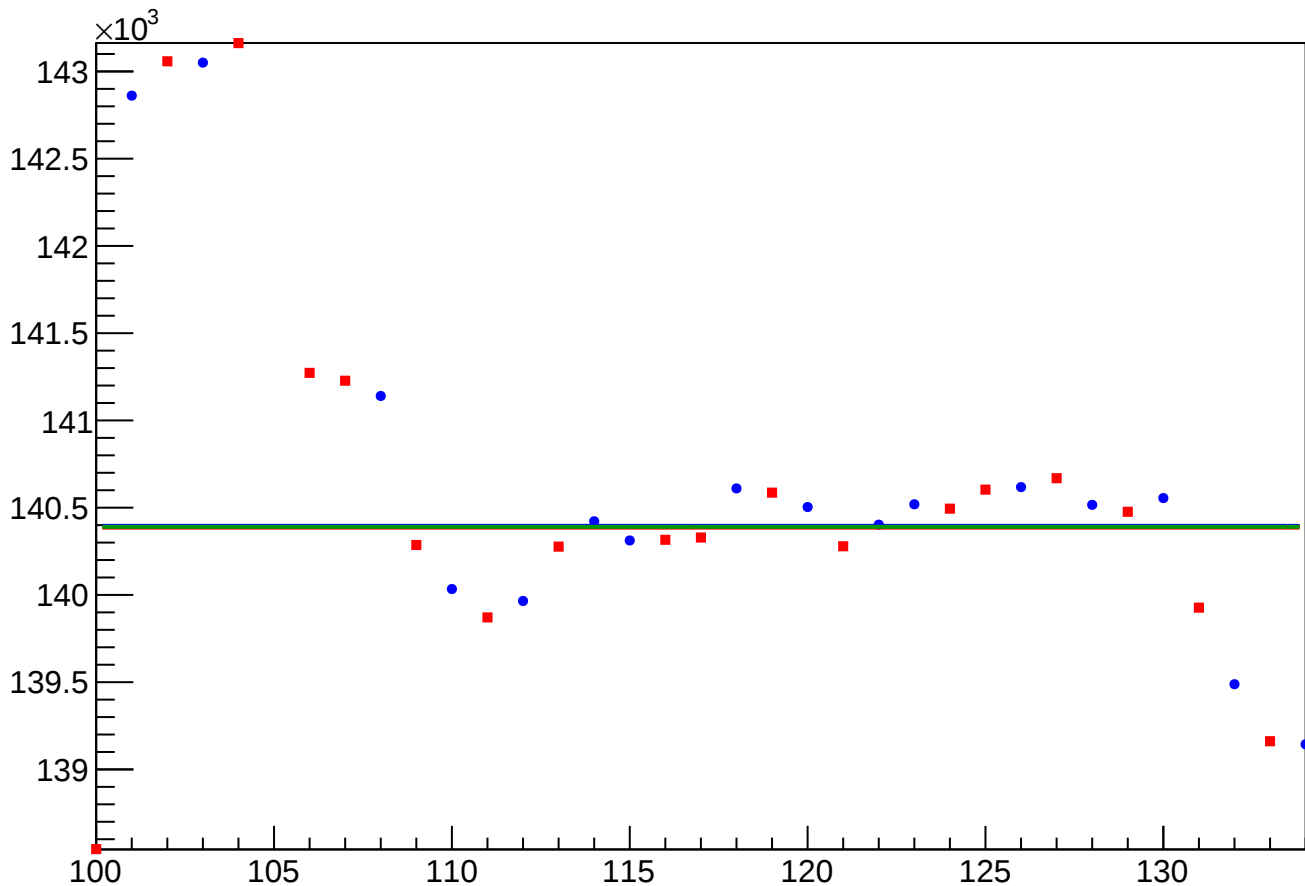
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.774 $\pm$ 0.045 χ^2 /NDF: 1030847.9/15

140.172 $\pm$ 0.030 χ^2 /NDF: 2203642.3/33

137.231 $\pm$ 0.041 χ^2 /NDF: 1161120.9/17

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140395.845 $\pm$ 0.068 χ^2/NDF : 87995181.2/15

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

140395.845 $\pm$ 0.068 χ^2/NDF : 87995181.2/15

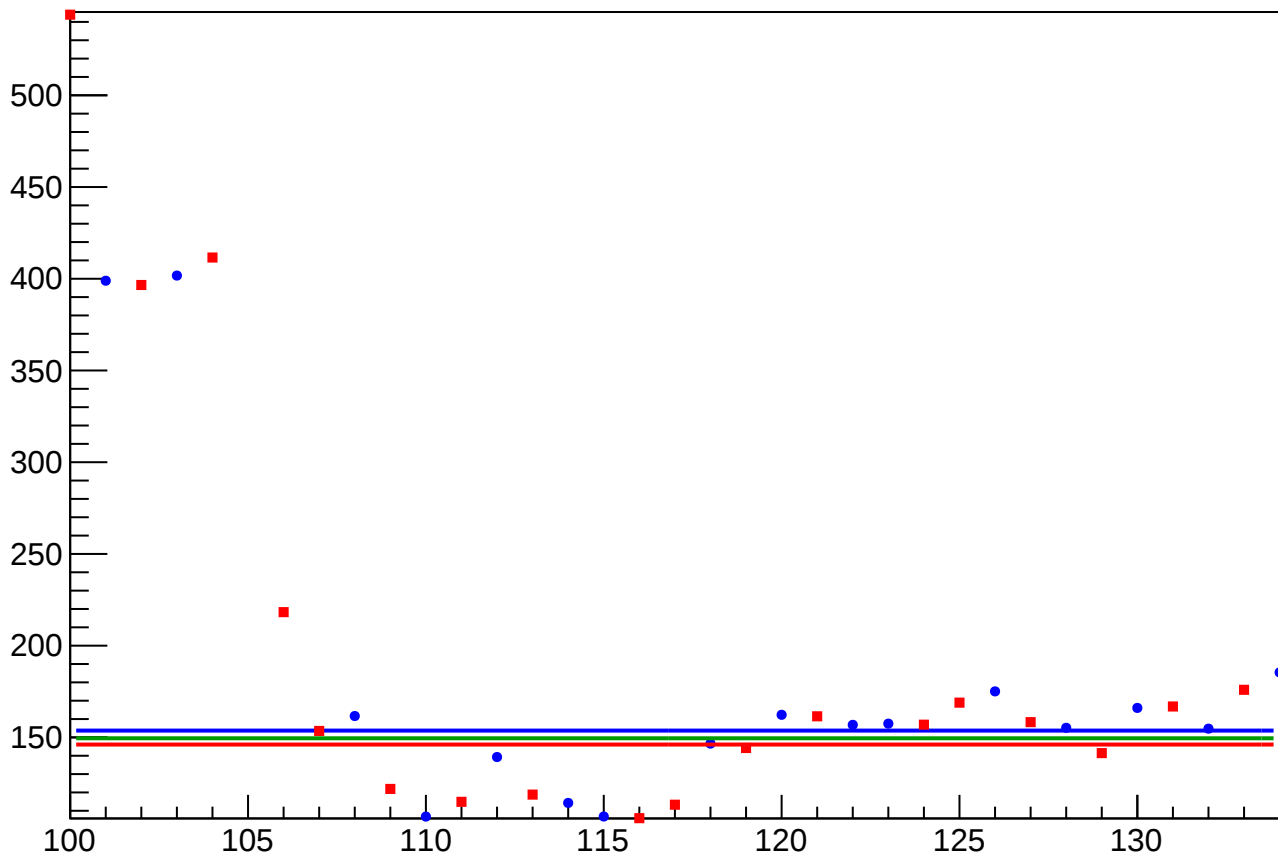
140390.287 $\pm$ 0.046 χ^2/NDF : 186922704

Right Out: 140385.780 $\pm$ 0.061 χ^2/NDF : 98915459.2/17

140385.780 $\pm$ 0.061 χ^2/NDF : 98915459.2/17

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

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 153.717 $\pm$ 0.048 χ^2 /NDF: 1125928.3/15

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

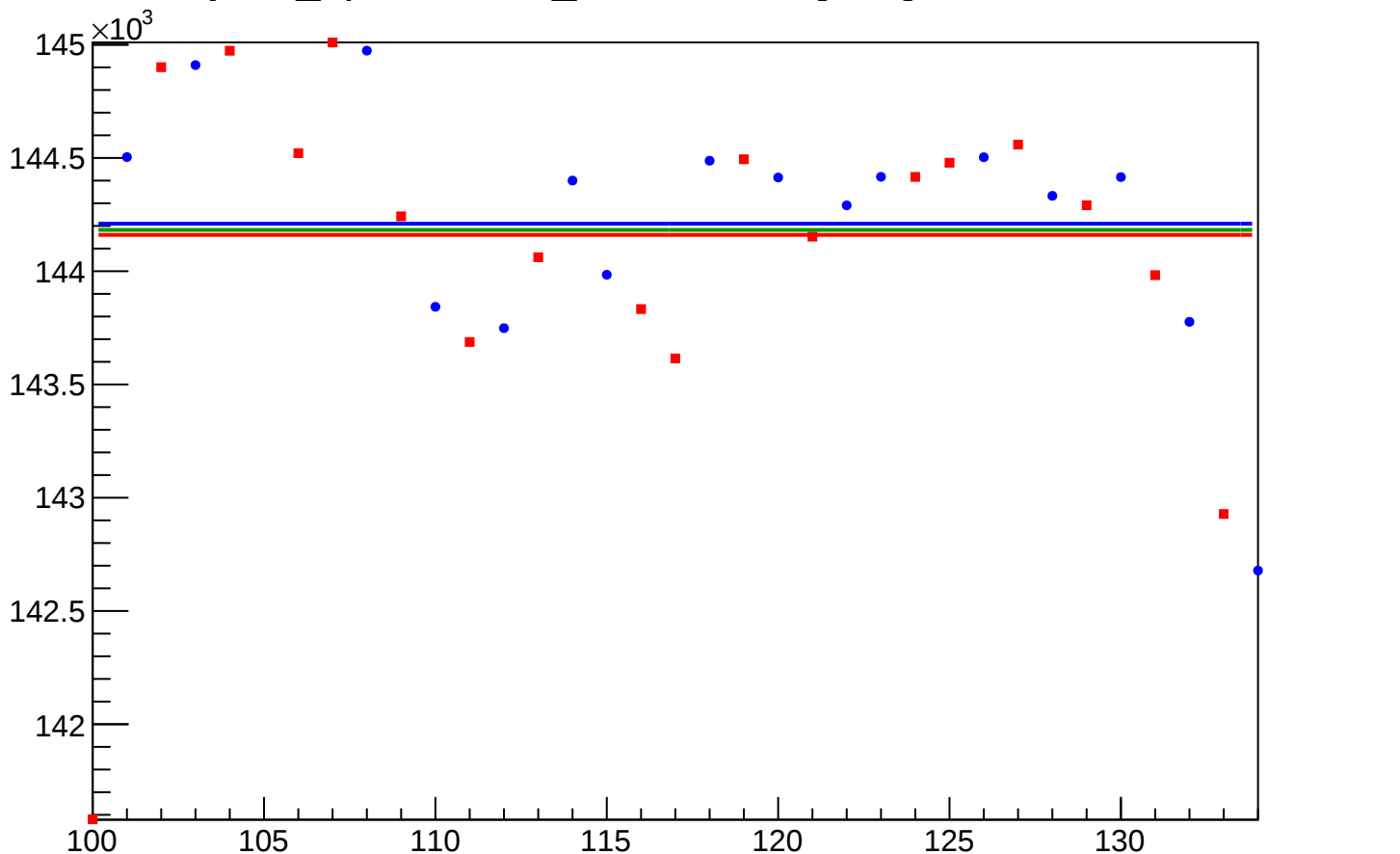
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153.717 $\pm$ 0.048 χ^2 /NDF: 1125928.3/15

149.516 $\pm$ 0.032 χ^2 /NDF: 2402889.2/33

146.110 $\pm$ 0.043 χ^2 /NDF: 1263177.5/17

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144209.626 $\pm$ 0.071 χ^2/NDF : 37494096.4/15

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

144209.626 $\pm$ 0.071 χ^2/NDF : 37494096.4/15

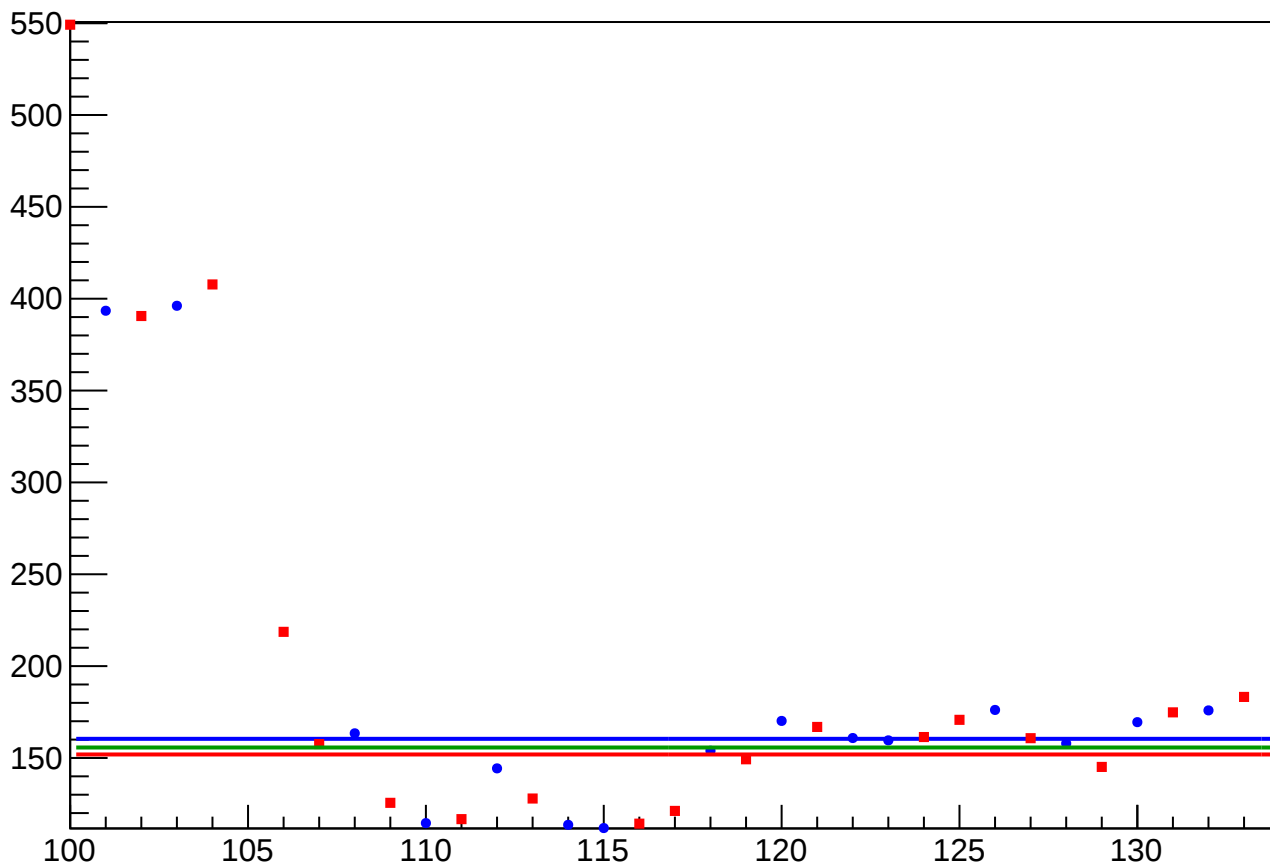
144182.345 $\pm$ 0.047 χ^2/NDF : 90903153.0

Right Out: 144160.431 $\pm$ 0.064 χ^2/NDF : 53141842.8/17

144160.431 $\pm$ 0.064 χ^2/NDF : 53141842.8/17

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

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 160.424+/-0.050 χ^2/NDF : 1047889.2/15

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

Right Out: 151.905+/-0.045 χ^2/NDF : 1182711.7/17

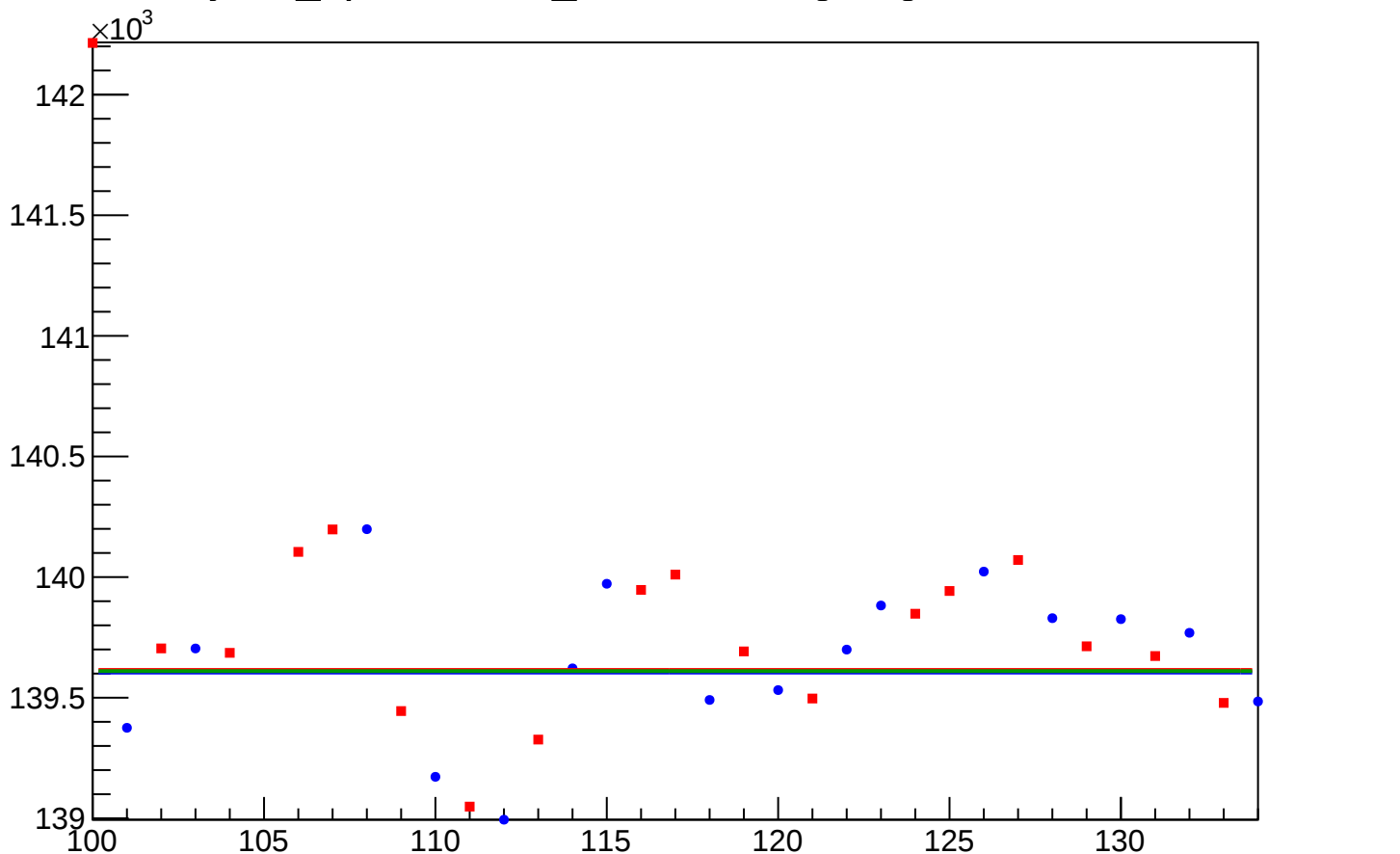
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.424+/-0.050 χ^2/NDF : 1047889.2/15

155.700+/-0.033 χ^2/NDF : 2246624.7/33

151.905+/-0.045 χ^2/NDF : 1182711.7/17

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

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

139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

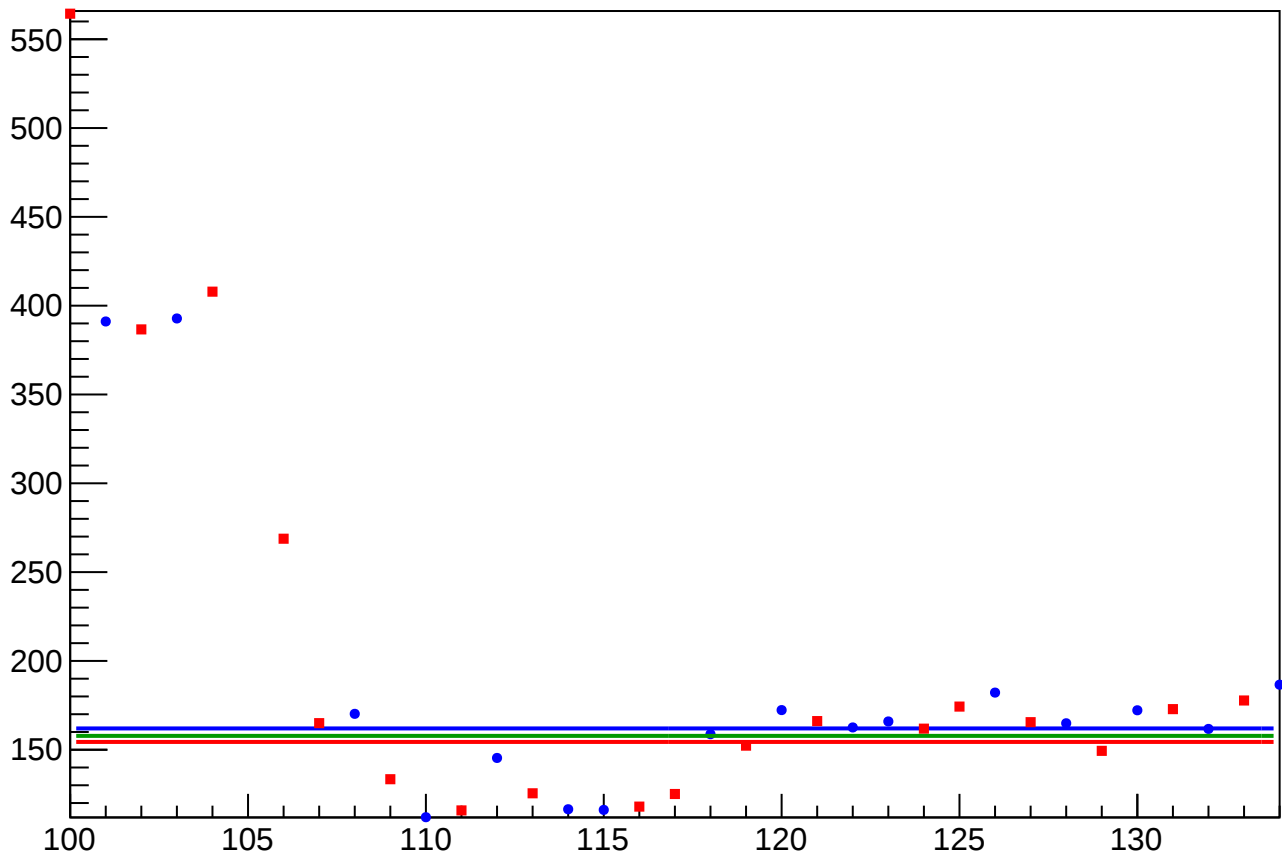
139610.172 $\pm$ 0.048 χ^2 /NDF: 50748356.6/15

Right Out: 139614.947 $\pm$ 0.065 χ^2 /NDF: 27632259.5/17

139614.947 $\pm$ 0.065 χ^2 /NDF: 27632259.5/17

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

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

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

Right Out: 154.394 $\pm$ 0.046 χ^2 /NDF: 1200427.4/17

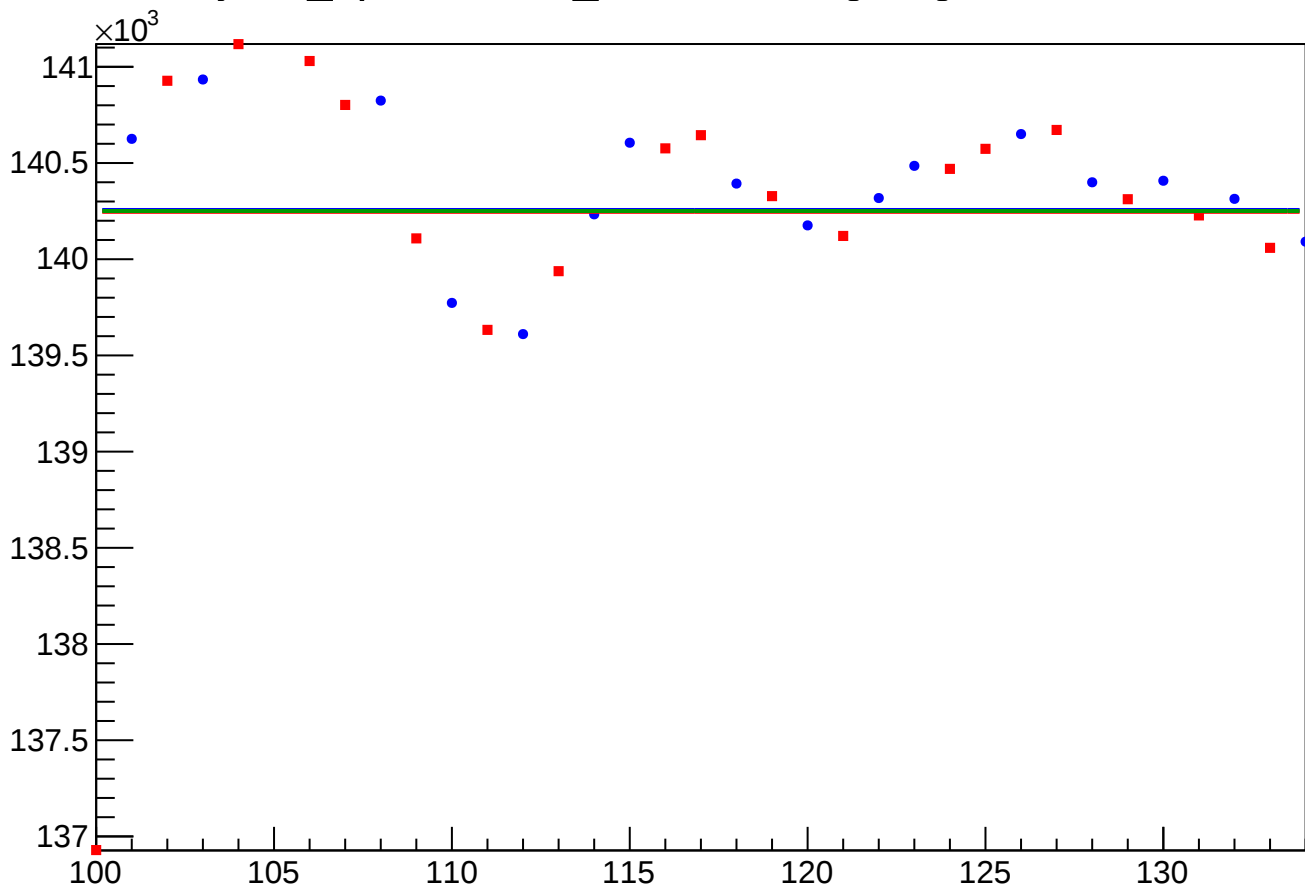
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

157.808 $\pm$ 0.034 χ^2 /NDF: 2247698.2/33

154.394 $\pm$ 0.046 χ^2 /NDF: 1200427.4/17

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

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

140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

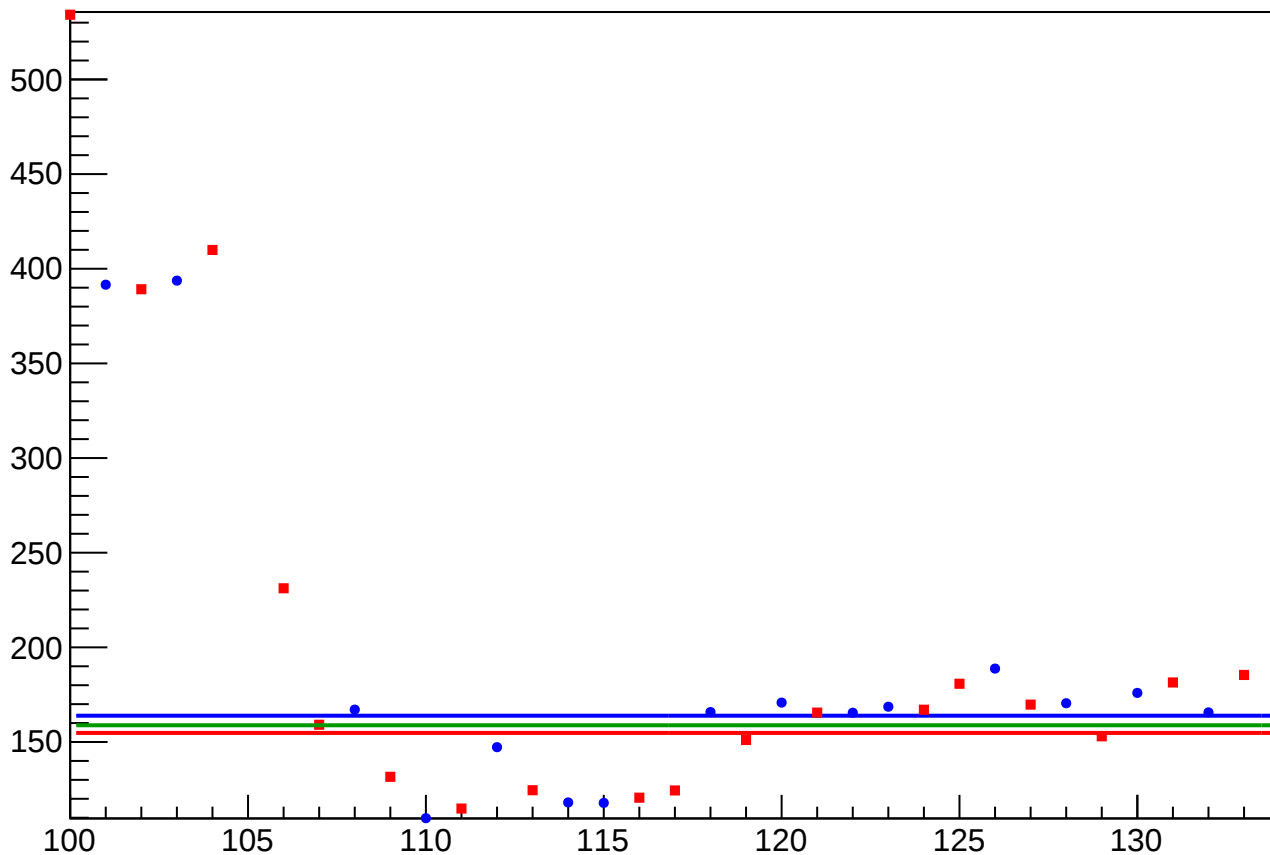
140250.628 $\pm$ 0.048 χ^2 /NDF: 61371302.2/15

Right Out: 140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

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

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 163.891 $\pm$ 0.051 χ^2 /NDF: 1059238.6/15

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

Right Out: 154.791 $\pm$ 0.046 χ^2 /NDF: 1193856.0/17

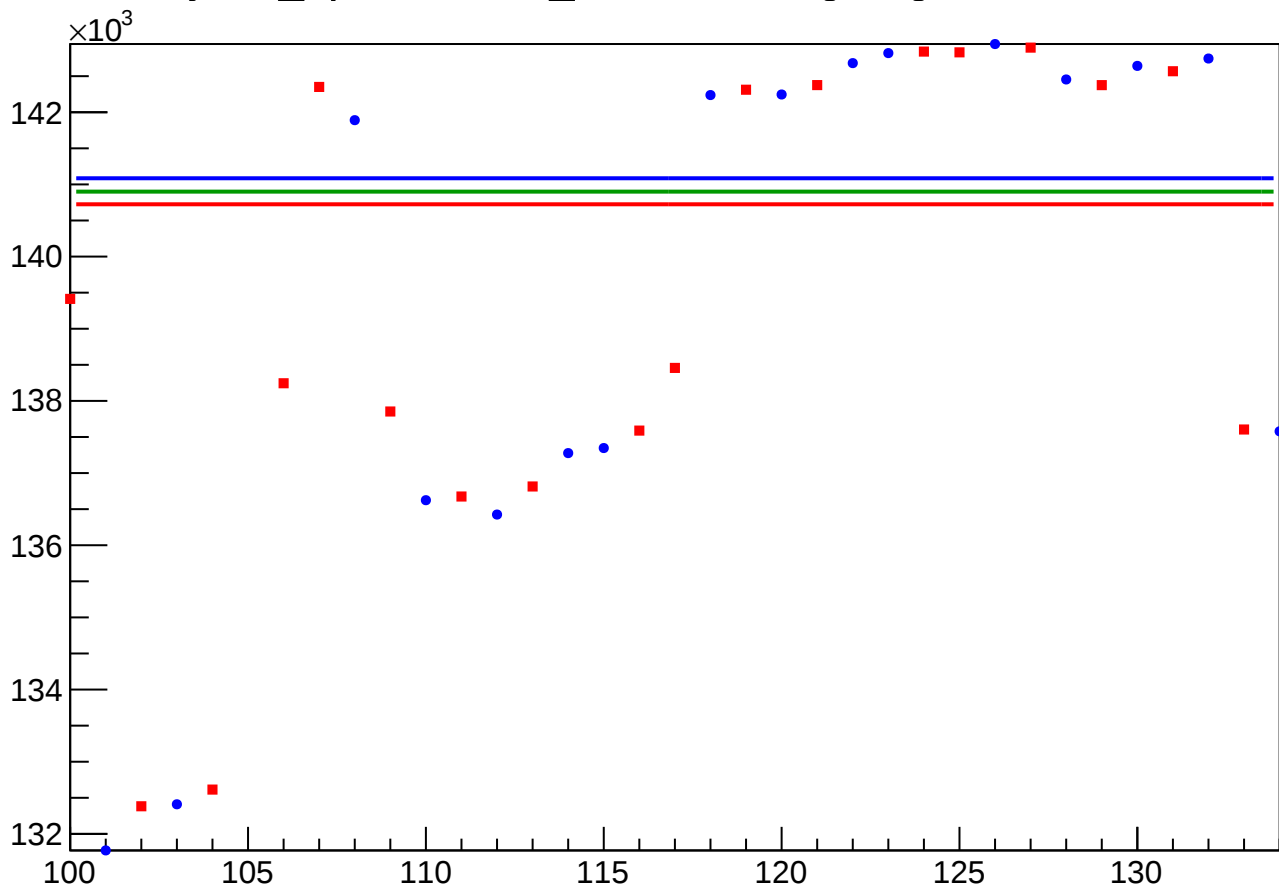
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

163.891 $\pm$ 0.051 χ^2 /NDF: 1059238.6/15

158.837 $\pm$ 0.034 χ^2 /NDF: 2270609.8/33

154.791 $\pm$ 0.046 χ^2 /NDF: 1193856.0/17

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

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

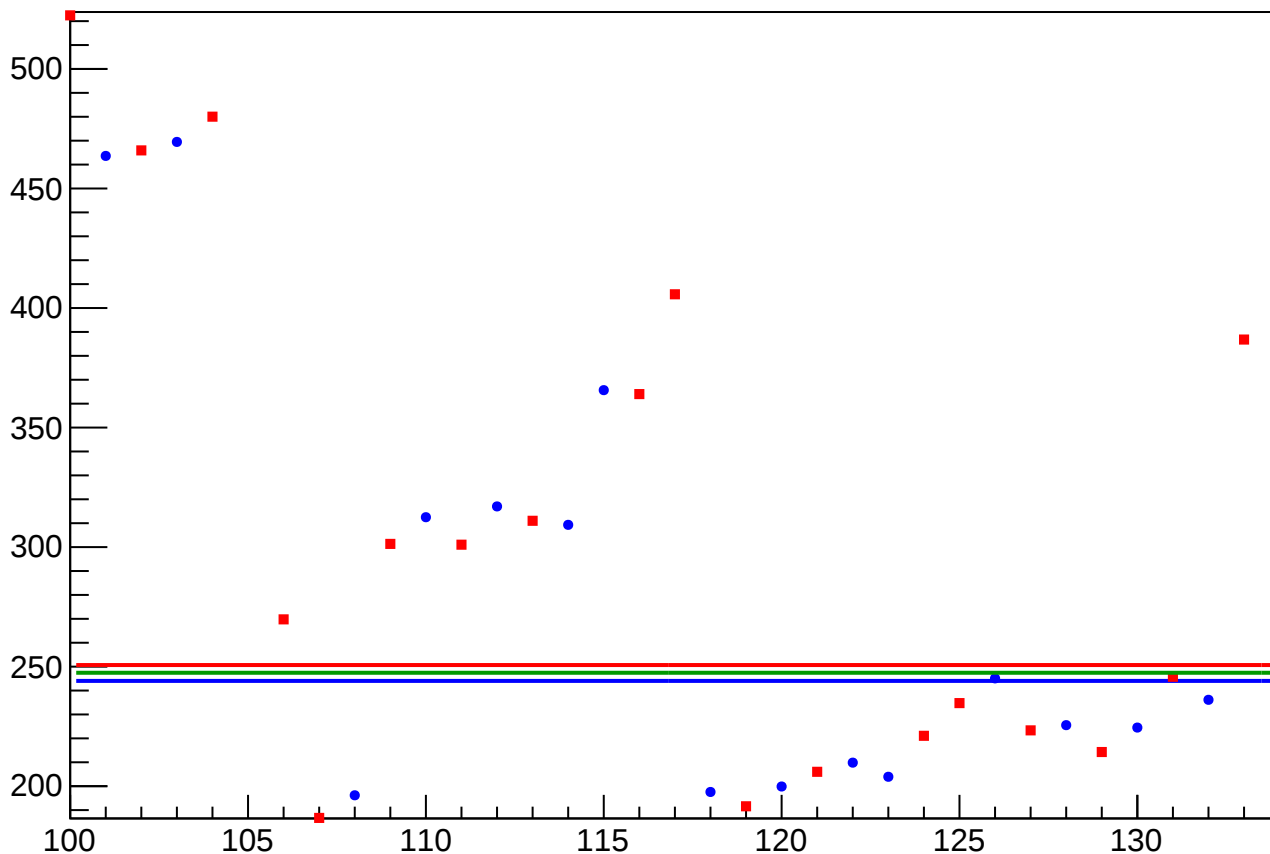
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

140900.078 $\pm$ 0.075 χ^2 /NDF: 156684130

140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 244.037+/-0.076 χ^2/NDF : 867710.2/15

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

Right Out: 250.670+/-0.074 χ^2/NDF : 995597.5/17

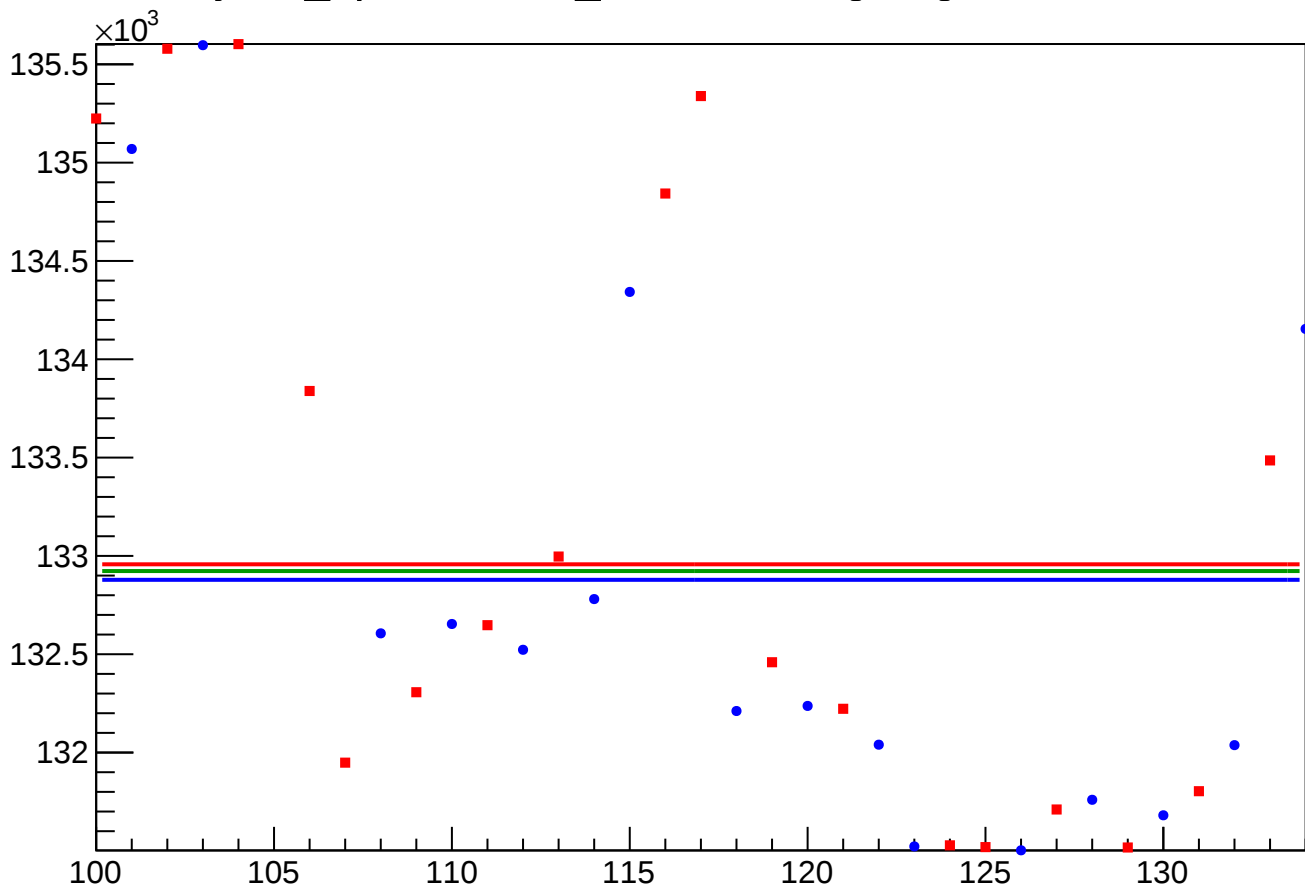
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

244.037+/-0.076 χ^2/NDF : 867710.2/15

247.442+/-0.053 χ^2/NDF : 1867265.3/33

250.670+/-0.074 χ^2/NDF : 995597.5/17

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132878.390 ± 0.125 $\chi^2/\text{NDF}: 81722350.8/15$

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

Right Out: 132957.315 ± 0.110 $\chi^2/\text{NDF}: 107022354.2/17$

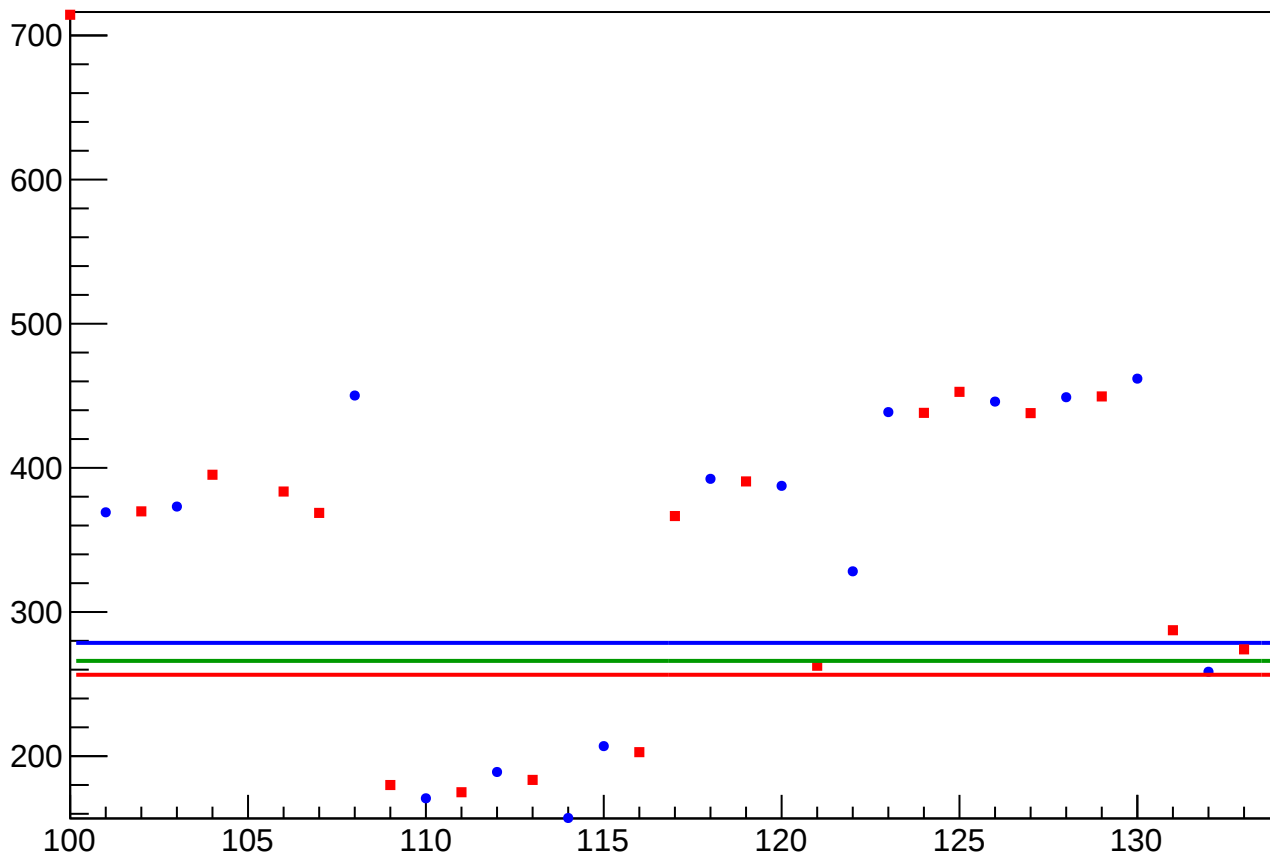
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

132878.390 ± 0.125 $\chi^2/\text{NDF}: 81722350.8/15$

132922.977 ± 0.082 $\chi^2/\text{NDF}: 188970036$

132957.315 ± 0.110 $\chi^2/\text{NDF}: 107022354.2/17$

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 278.589+/-0.088 χ^2/NDF : 1442275.9/15

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

Right Out: 256.461+/-0.078 χ^2/NDF : 1523397.2/17

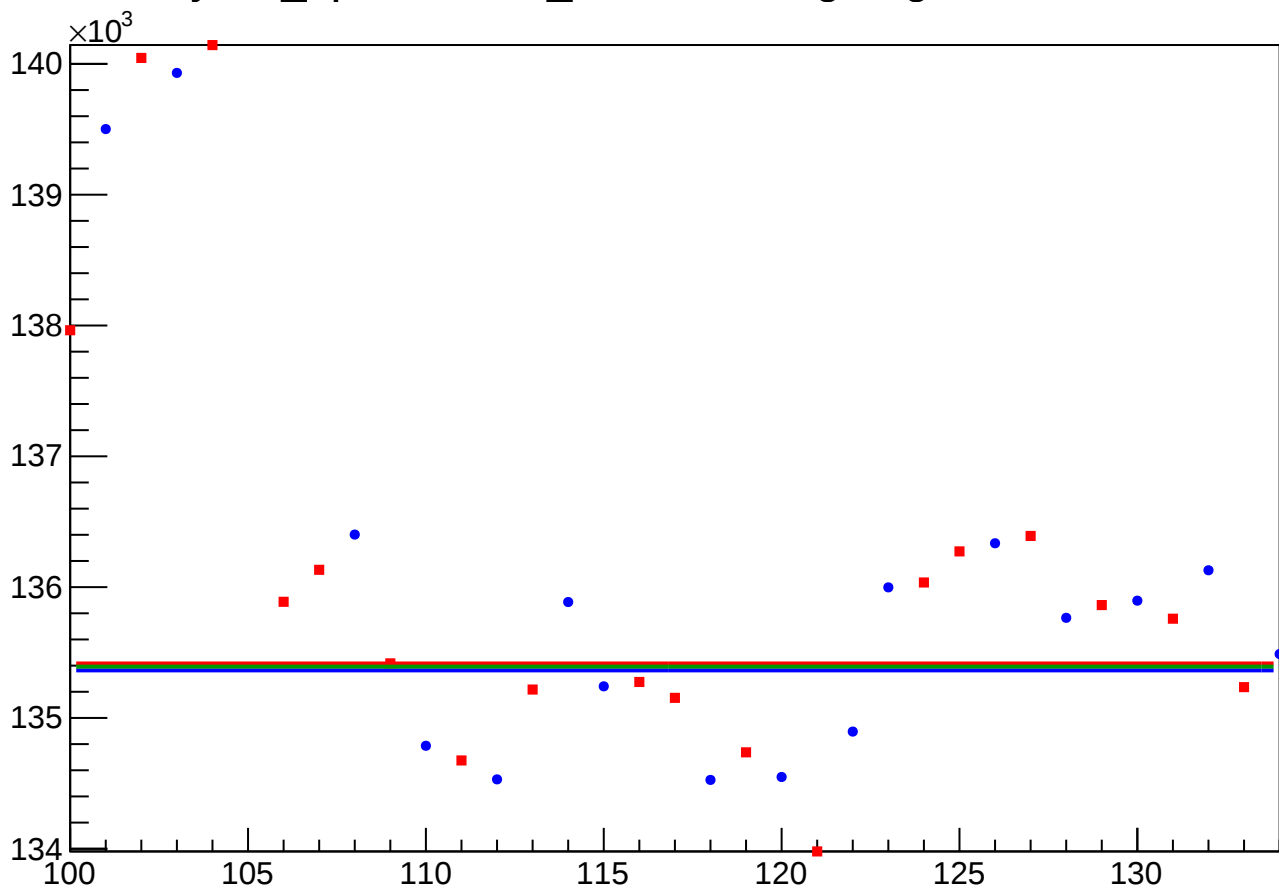
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

278.589+/-0.088 χ^2/NDF : 1442275.9/15

266.088+/-0.058 χ^2/NDF : 3001099.4/33

256.461+/-0.078 χ^2/NDF : 1523397.2/17

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135363.633 $\pm$ 0.057 χ^2 /NDF: 307719904.8/15

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

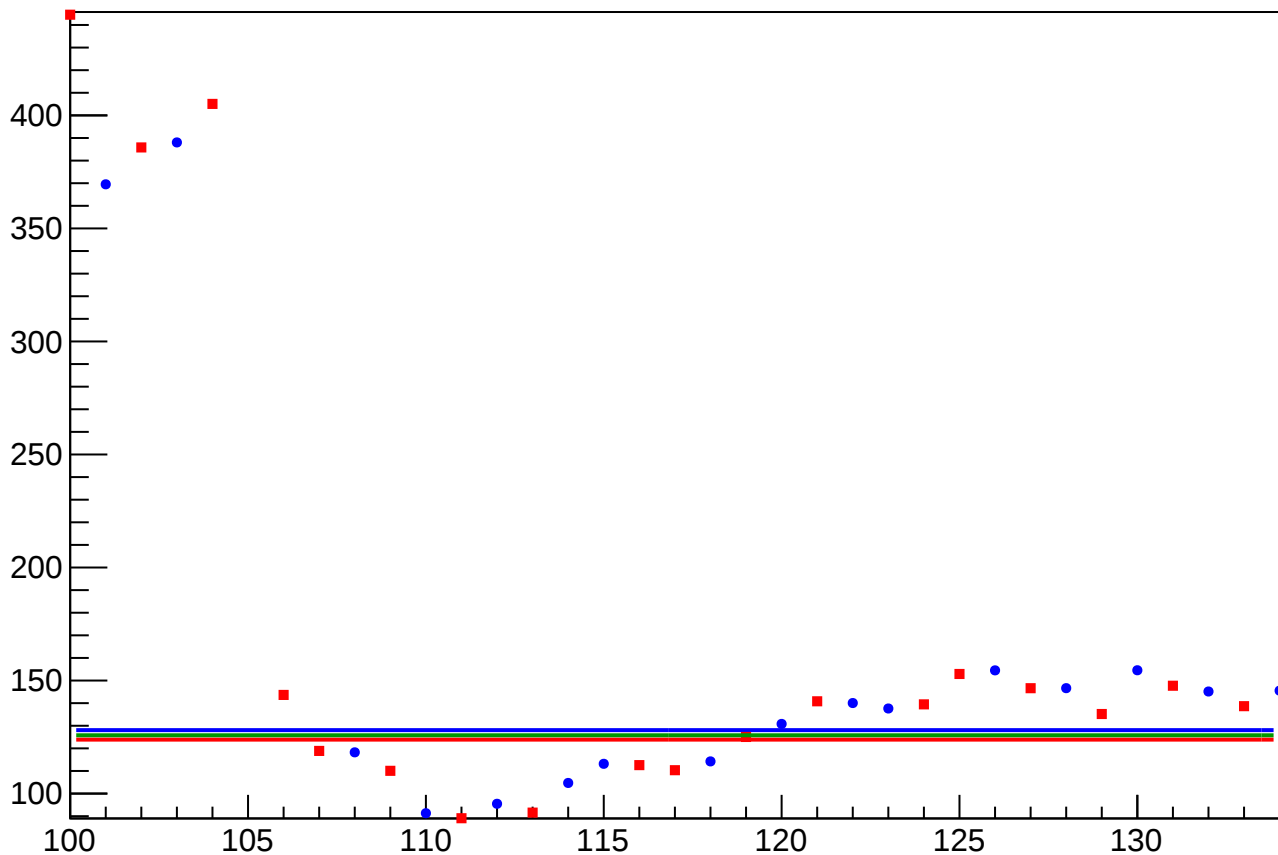
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135363.633 $\pm$ 0.057 χ^2 /NDF: 307719904.8/15

135392.182 $\pm$ 0.039 χ^2 /NDF: 595721723

135416.219 $\pm$ 0.053 χ^2 /NDF: 287546112.8/17

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 128.063+/-0.041 χ^2/NDF : 1336660.4/15

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

Right Out: 123.871+/-0.037 χ^2/NDF : 1407358.8/17

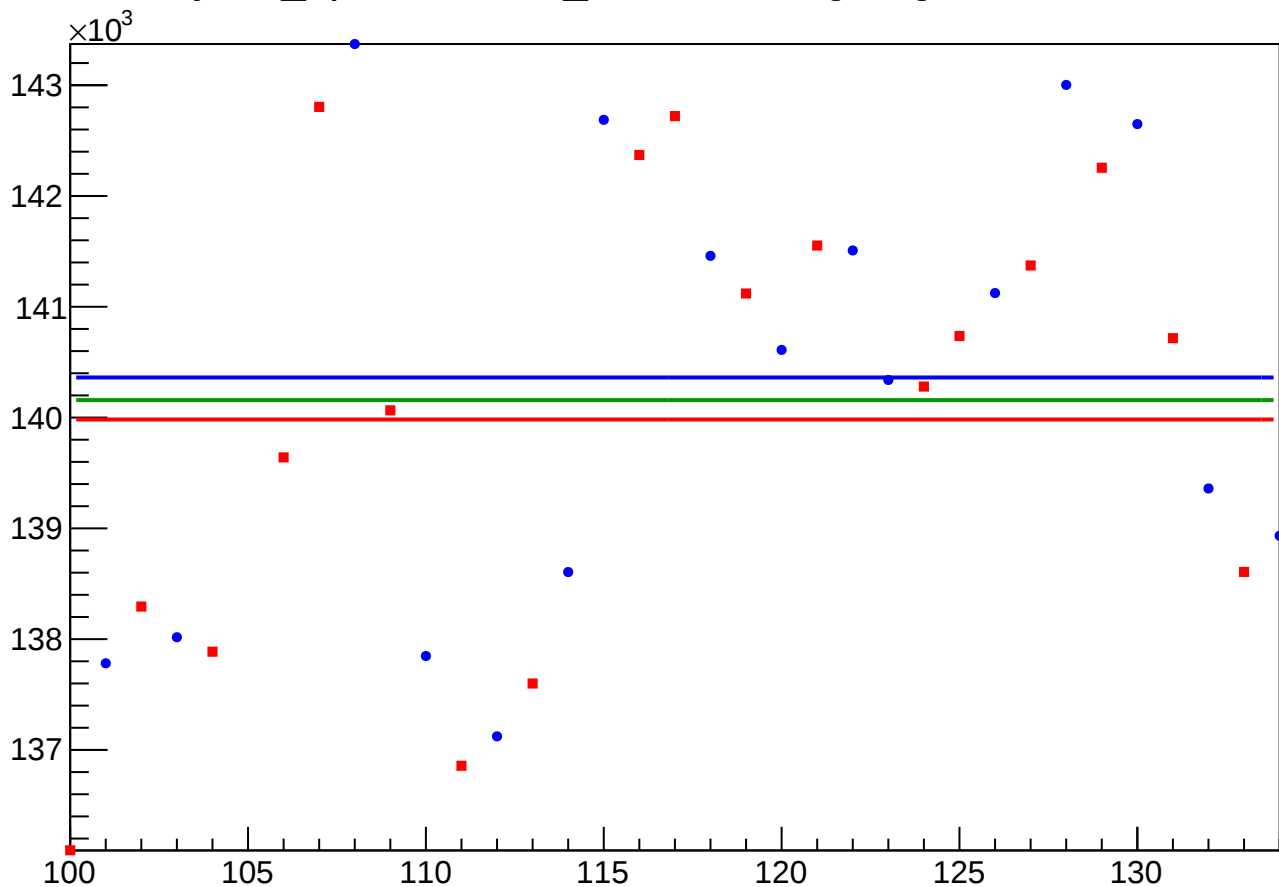
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.063+/-0.041 χ^2/NDF : 1336660.4/15

125.787+/-0.027 χ^2/NDF : 2749811.3/33

123.871+/-0.037 χ^2/NDF : 1407358.8/17

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

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

Right Out: 139982.696 $\pm$ 0.061 χ^2 /NDF: 1051895367.2/17

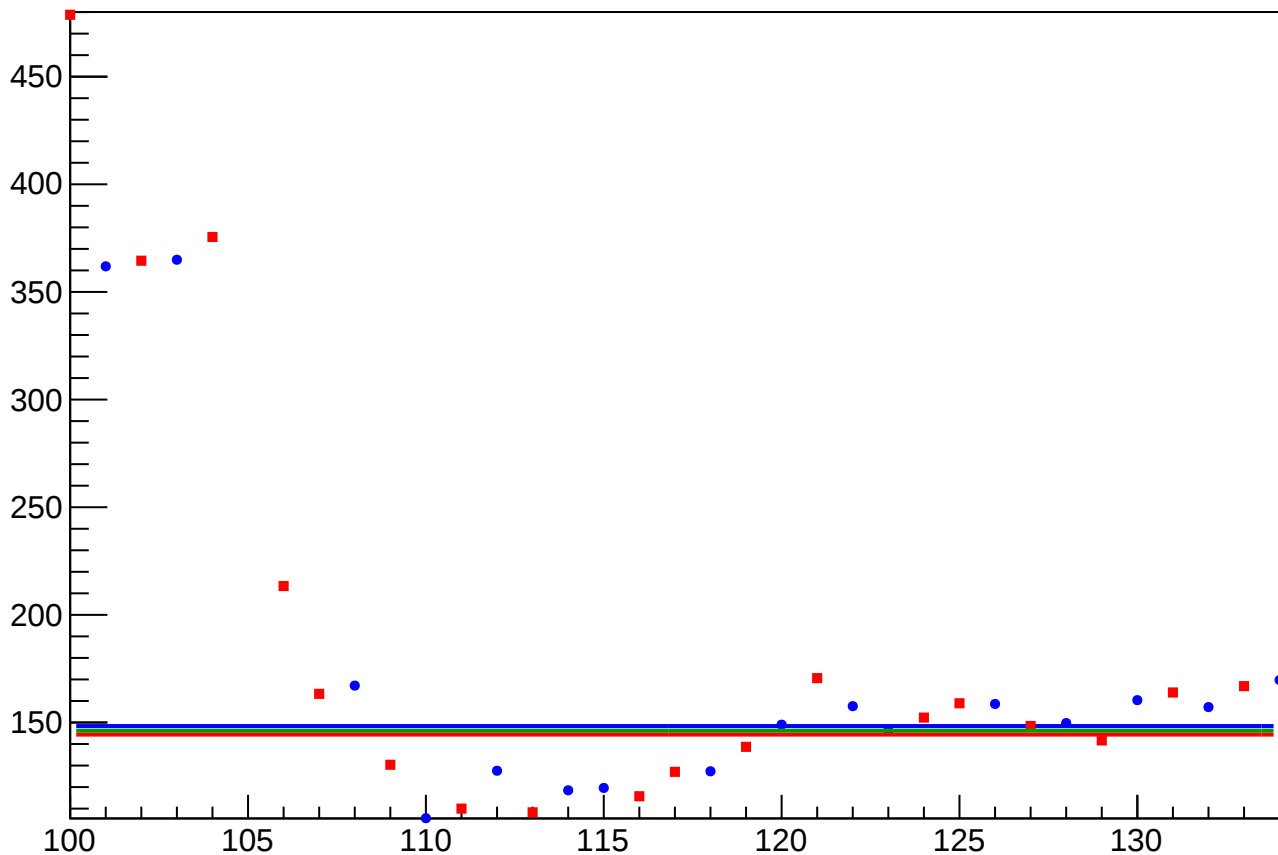
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

140157.694 $\pm$ 0.045 χ^2 /NDF: 210610777

139982.696 $\pm$ 0.061 χ^2 /NDF: 1051895367.2/17

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 148.355+/-0.046 χ^2/NDF : 1025464.5/15

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

Right Out: 144.380+/-0.043 χ^2/NDF : 1165522.1/17

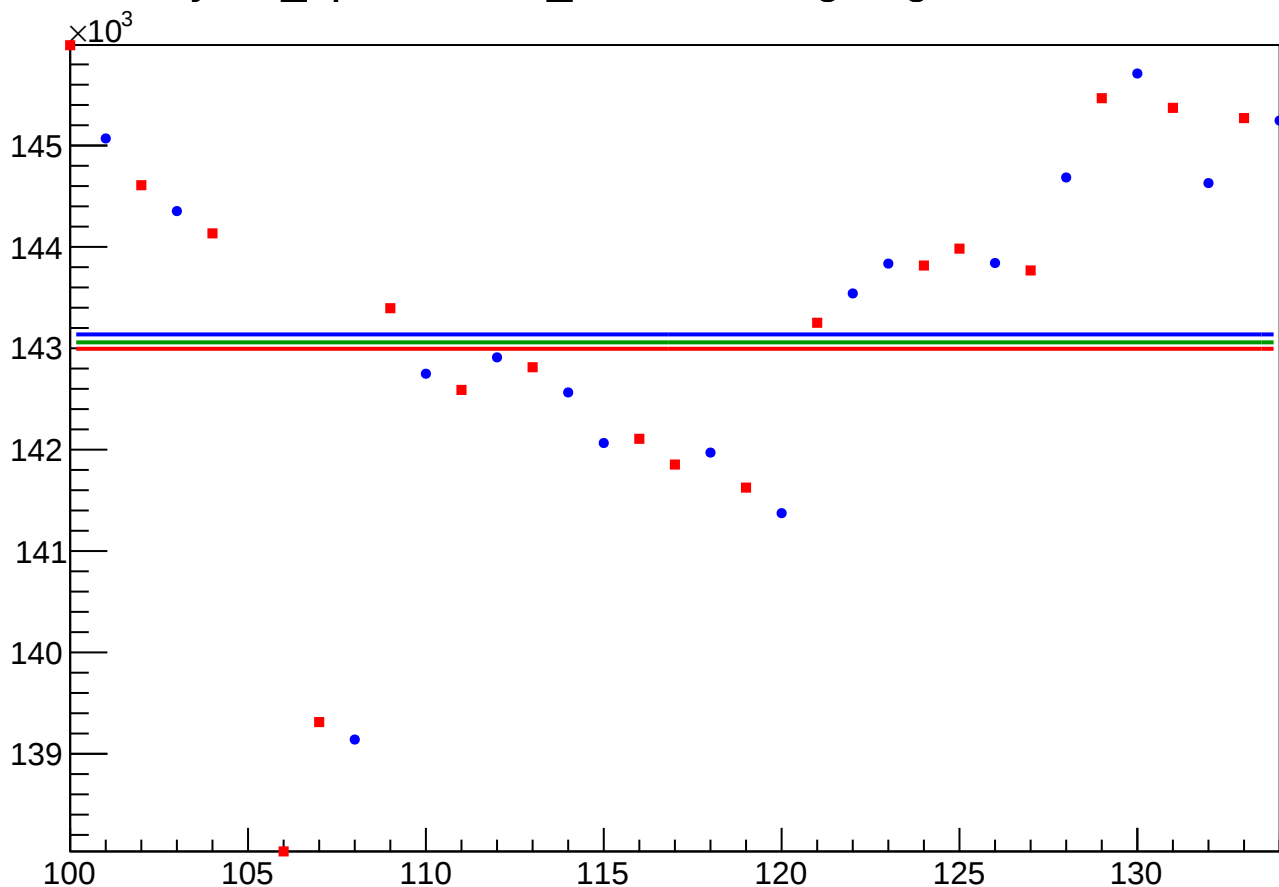
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.355+/-0.046 χ^2/NDF : 1025464.5/15

146.214+/-0.031 χ^2/NDF : 2194948.7/33

144.380+/-0.043 χ^2/NDF : 1165522.1/17

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 143136.681 ± 0.069 $\chi^2/\text{NDF}: 616418025.8/15$

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

143136.681 ± 0.069 $\chi^2/\text{NDF}: 616418025.8/15$

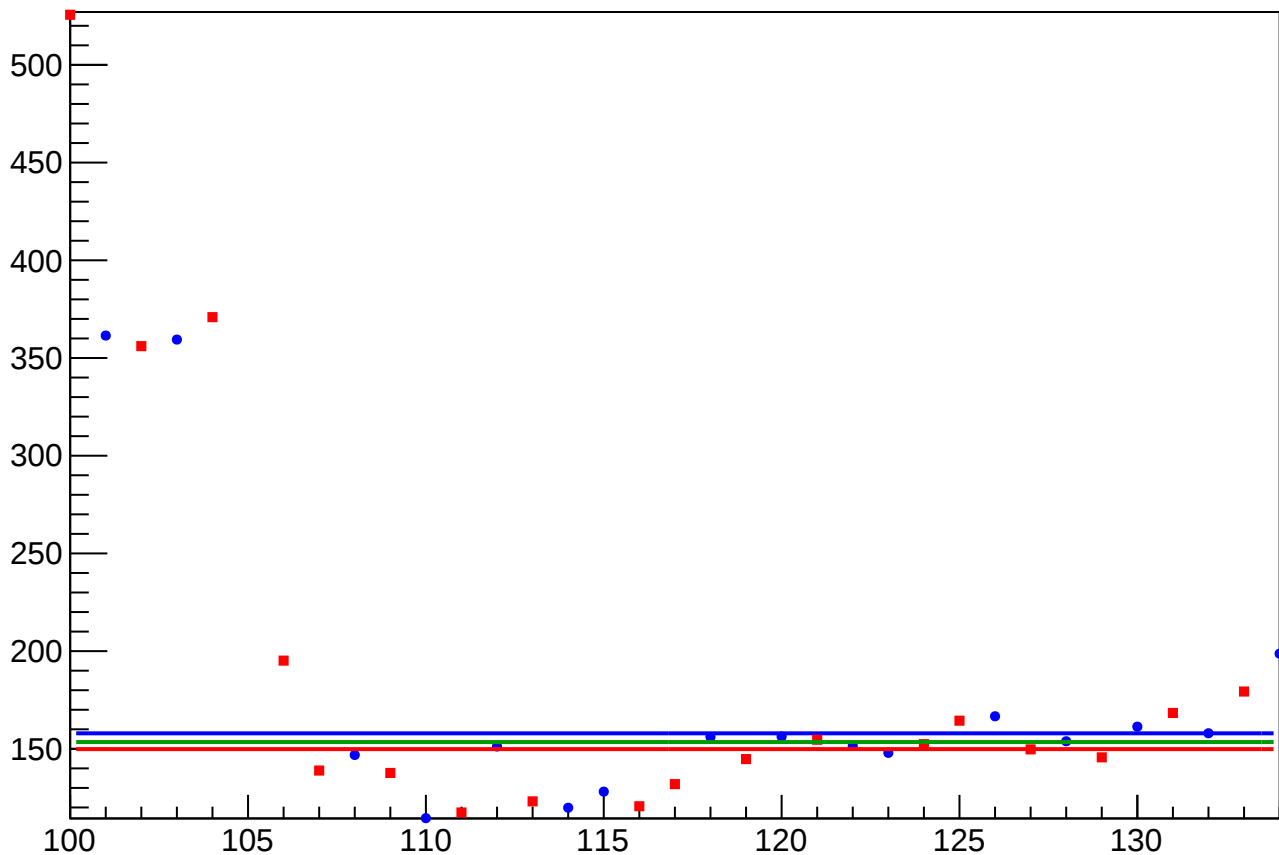
143058.495 ± 0.046 $\chi^2/\text{NDF}: 139141889$

Right Out: 142995.054 ± 0.063 $\chi^2/\text{NDF}: 772705760.0/17$

142995.054 ± 0.063 $\chi^2/\text{NDF}: 772705760.0/17$

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

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 157.939 ± 0.049 $\chi^2/\text{NDF}: 883245.2/15$

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

Right Out: 149.861 ± 0.044 $\chi^2/\text{NDF}: 995911.0/17$

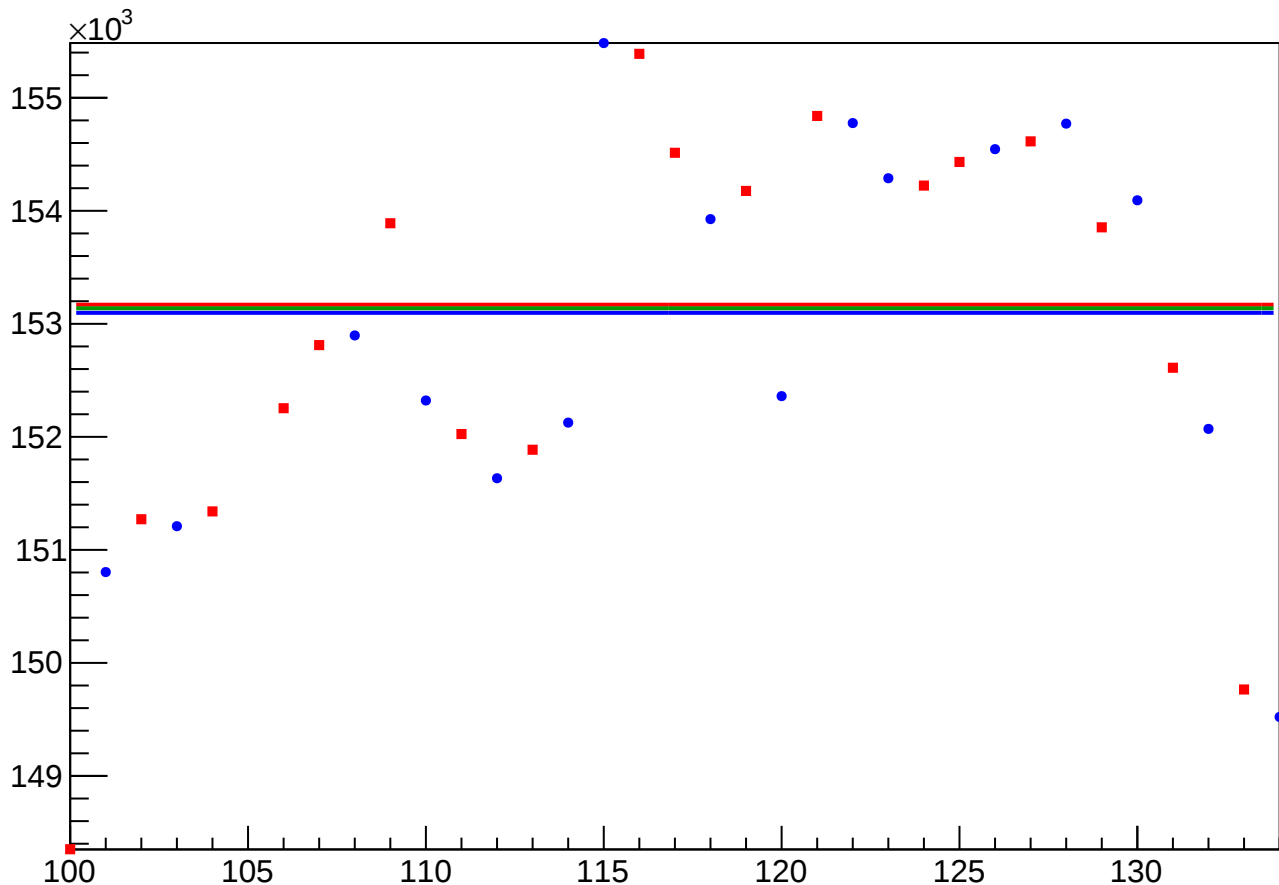
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

157.939 ± 0.049 $\chi^2/\text{NDF}: 883245.2/15$

153.480 ± 0.033 $\chi^2/\text{NDF}: 1894088.3/33$

149.861 ± 0.044 $\chi^2/\text{NDF}: 995911.0/17$

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153097.500 $\pm$ 0.078 χ^2 /NDF: 340515335.1/15

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

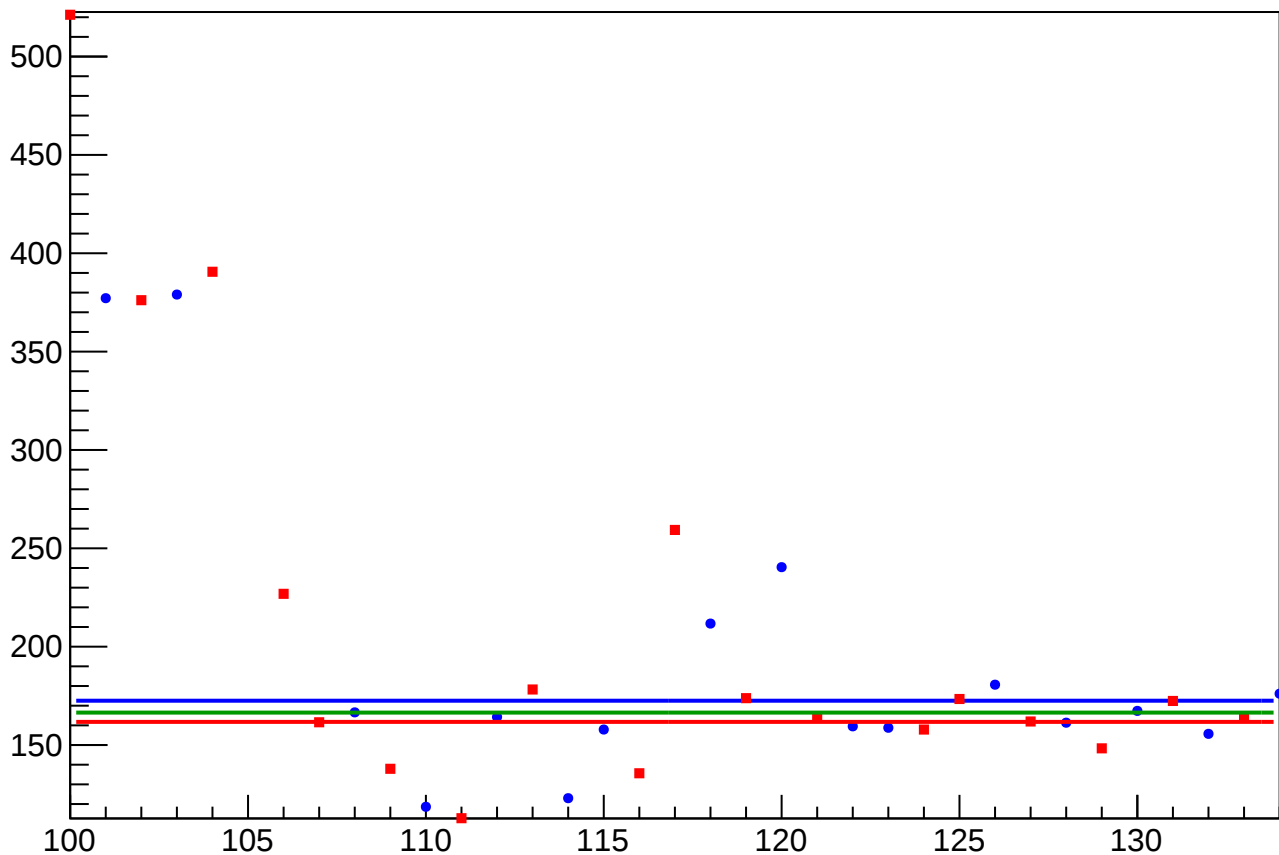
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153097.500 $\pm$ 0.078 χ^2 /NDF: 340515335.1/15

153137.705 $\pm$ 0.052 χ^2 /NDF: 809899957

153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.525+/-0.055 χ^2/NDF : 941580.3/15

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

Right Out: 161.763+/-0.049 χ^2/NDF : 1029022.3/17

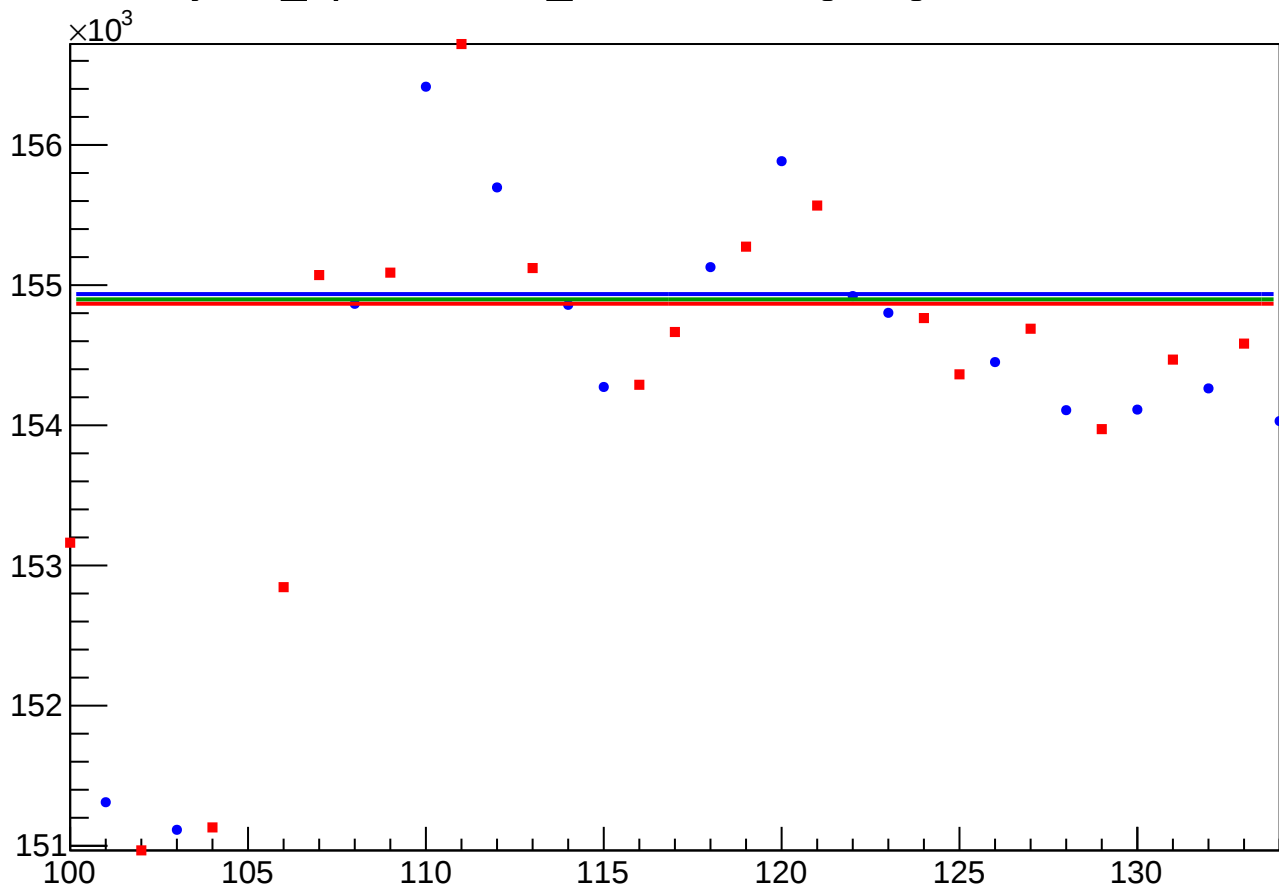
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.525+/-0.055 χ^2/NDF : 941580.3/15

166.487+/-0.036 χ^2/NDF : 1992103.8/33

161.763+/-0.049 χ^2/NDF : 1029022.3/17

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

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

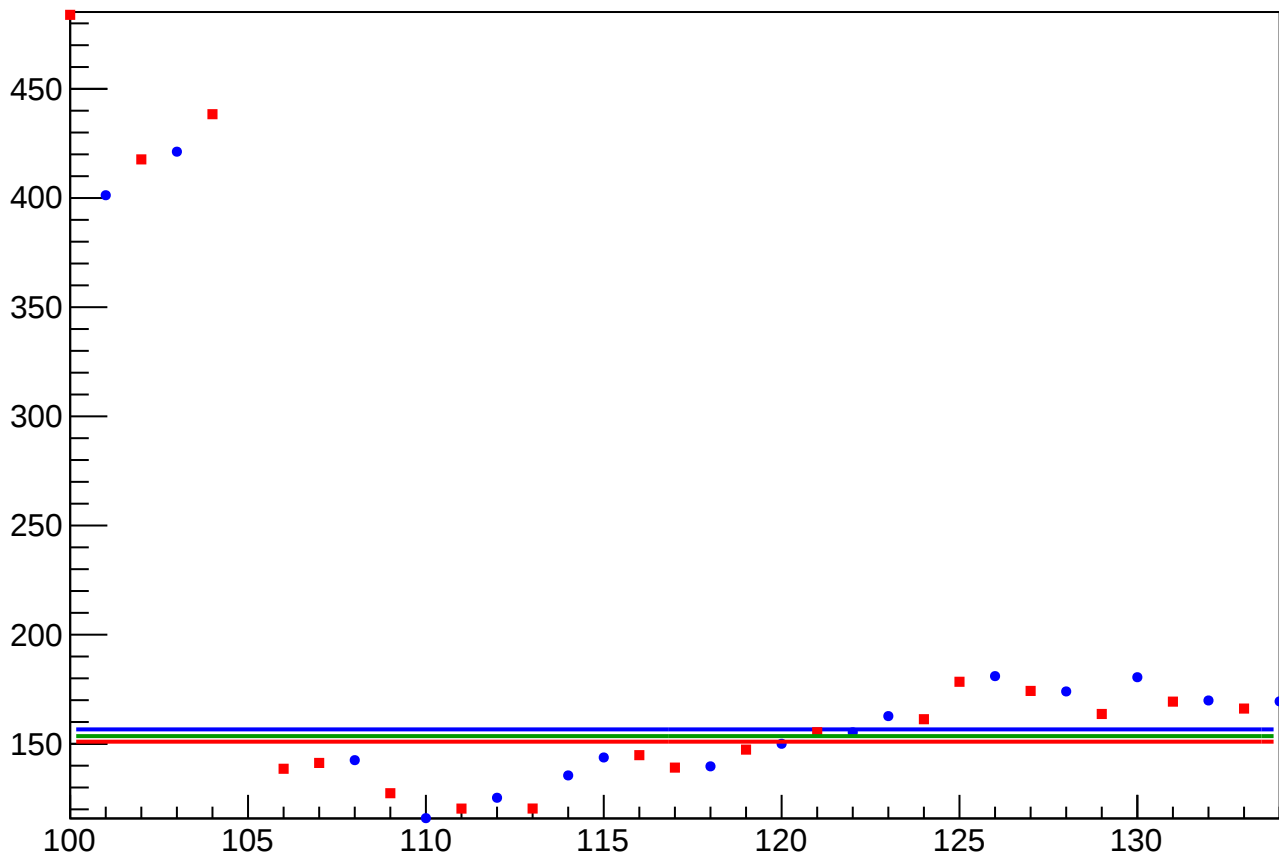
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

154898.592 $\pm$ 0.046 χ^2 /NDF: 502827011

154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 156.618+/-0.049 χ^2/NDF : 1097778.3/15

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

Right Out: 150.992+/-0.044 χ^2/NDF : 1141417.7/17

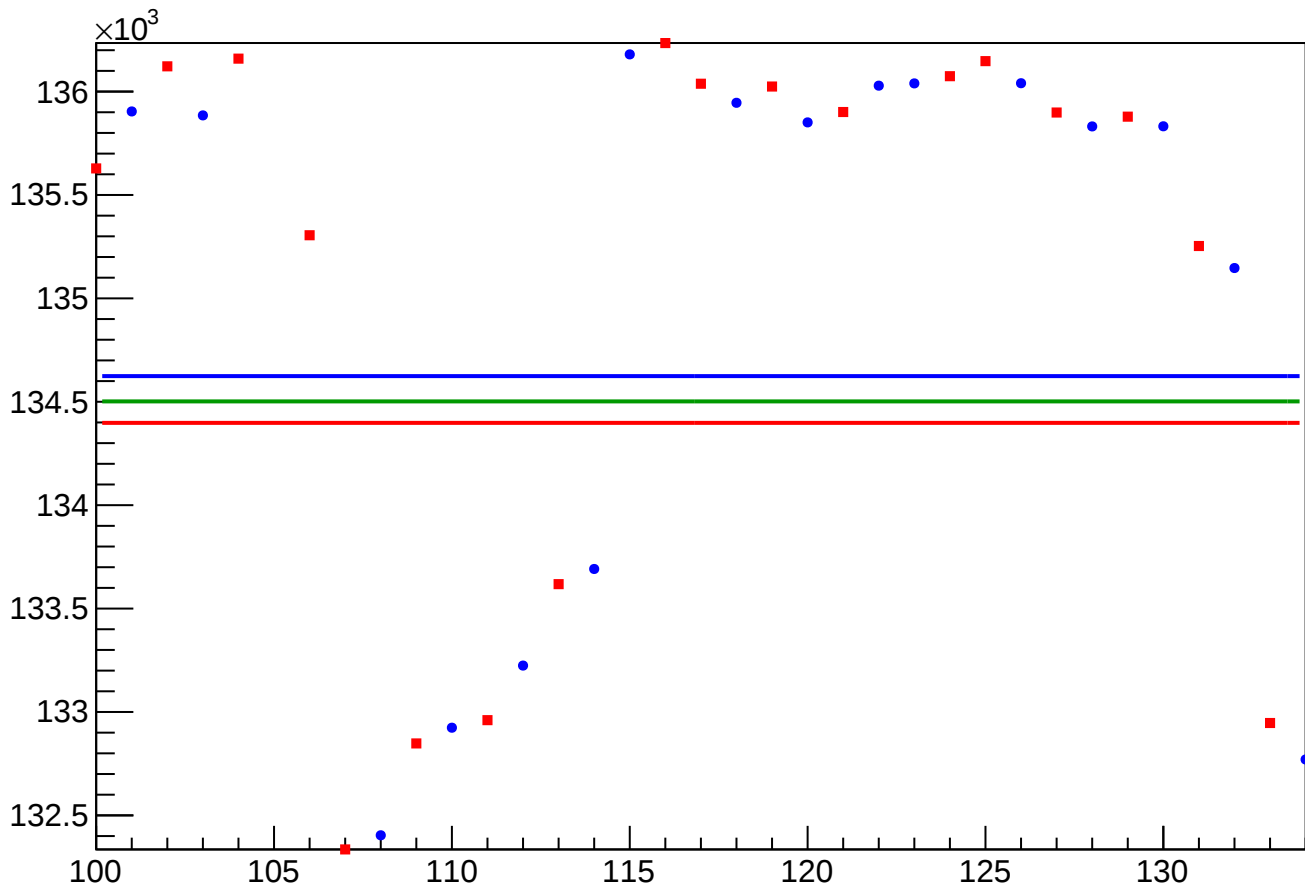
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.618+/-0.049 χ^2/NDF : 1097778.3/15

153.537+/-0.033 χ^2/NDF : 2246477.3/33

150.992+/-0.044 χ^2/NDF : 1141417.7/17

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

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

134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

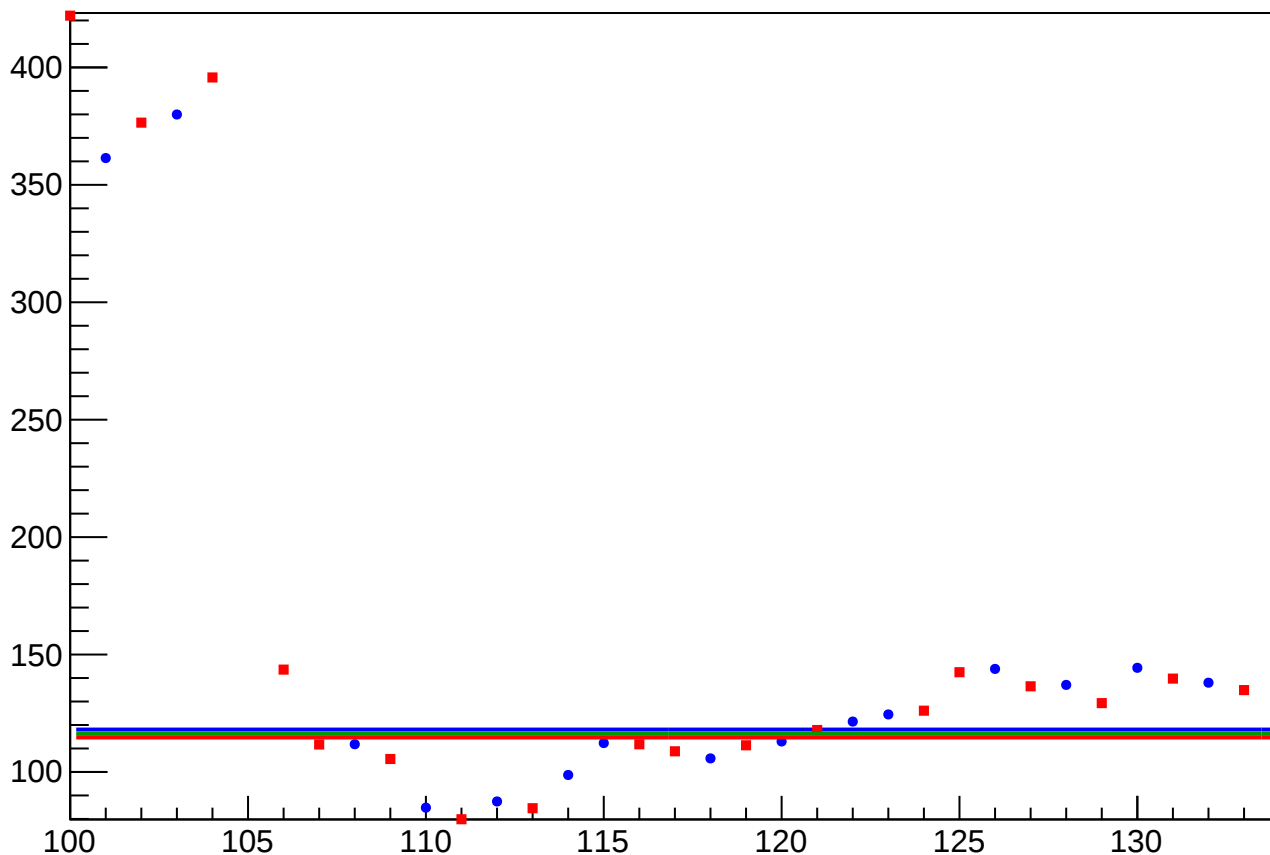
134501.803 $\pm$ 0.036 χ^2 /NDF: 167575956

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: 118.057+/-0.037 χ^2/NDF : 1404374.0/15

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

Right Out: 114.685+/-0.034 χ^2/NDF : 1495475.8/17

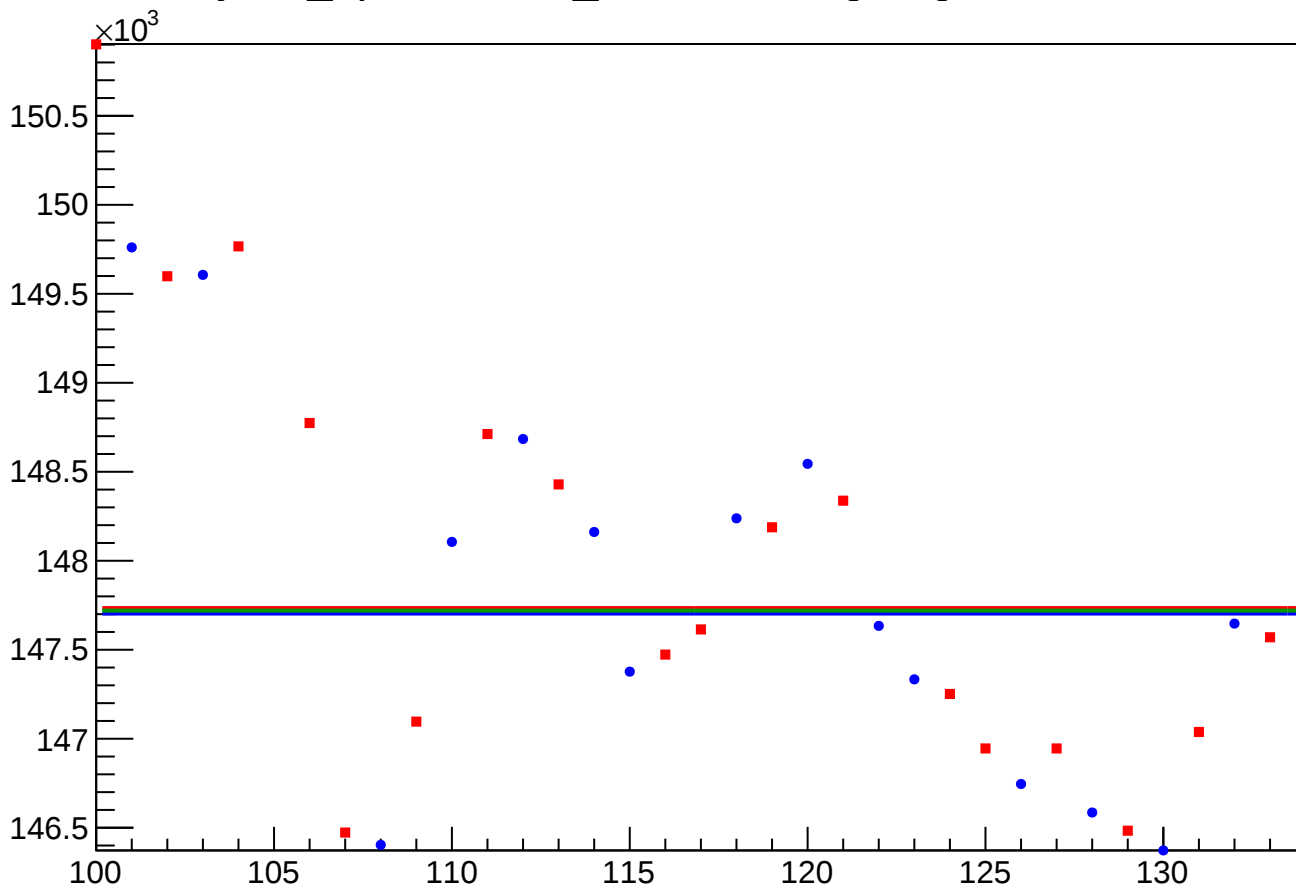
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.057+/-0.037 χ^2/NDF : 1404374.0/15

116.234+/-0.025 χ^2/NDF : 2904240.7/33

114.685+/-0.034 χ^2/NDF : 1495475.8/17

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

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

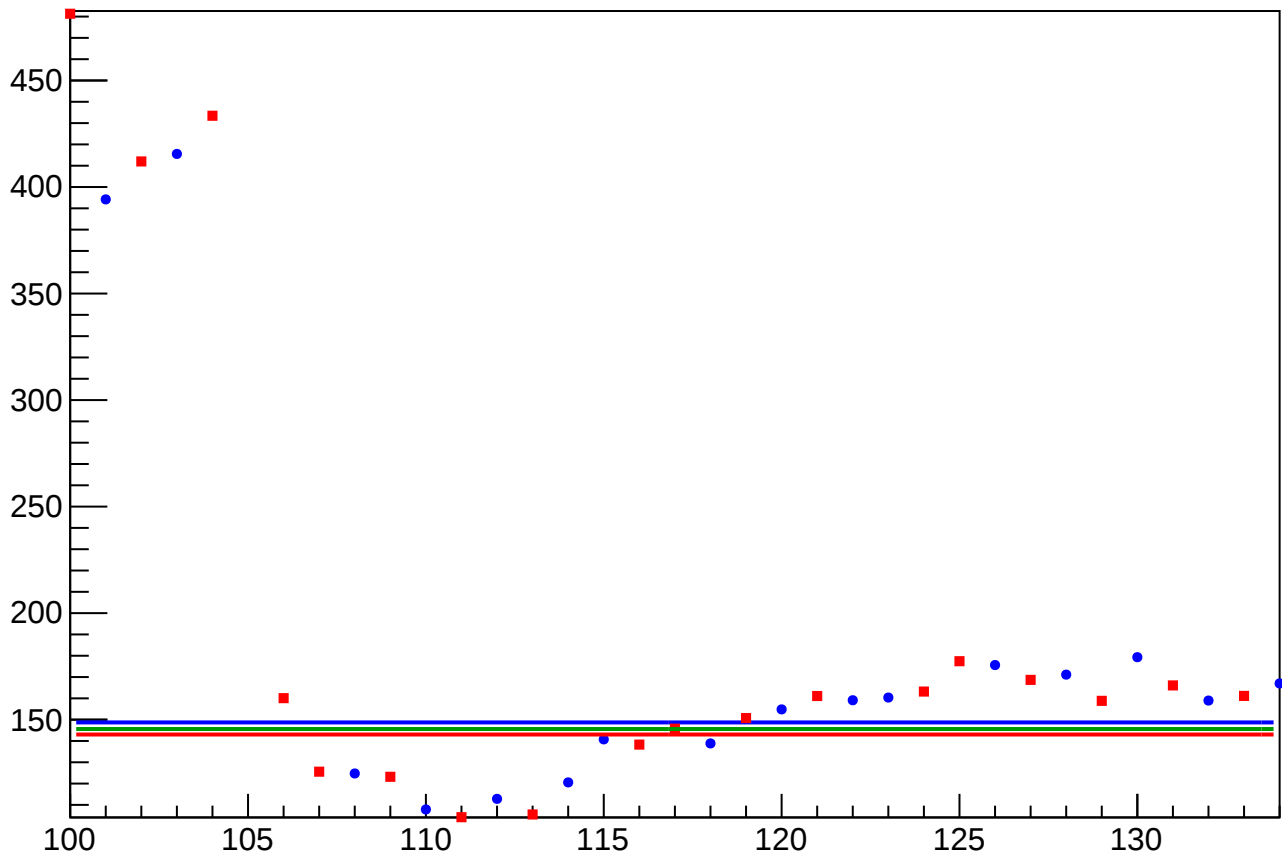
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

147720.155 $\pm$ 0.044 χ^2 /NDF: 382589495

147734.066 $\pm$ 0.060 χ^2 /NDF: 200115409.5/17

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

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

Right Out: 143.033 $\pm$ 0.043 χ^2 /NDF: 1341542.8/17

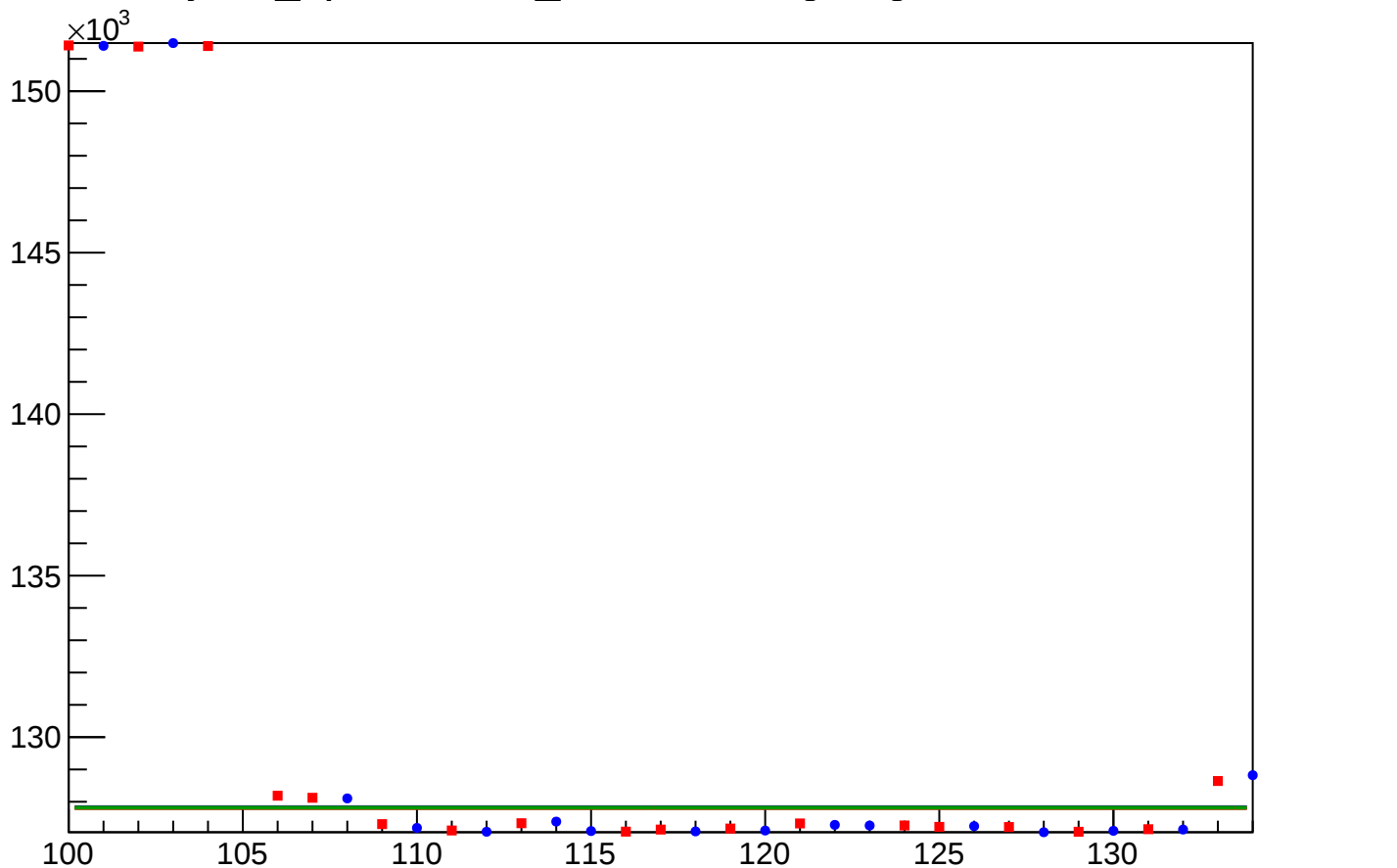
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

145.607 $\pm$ 0.031 χ^2 /NDF: 2574590.3/33

143.033 $\pm$ 0.043 χ^2 /NDF: 1341542.8/17

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

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

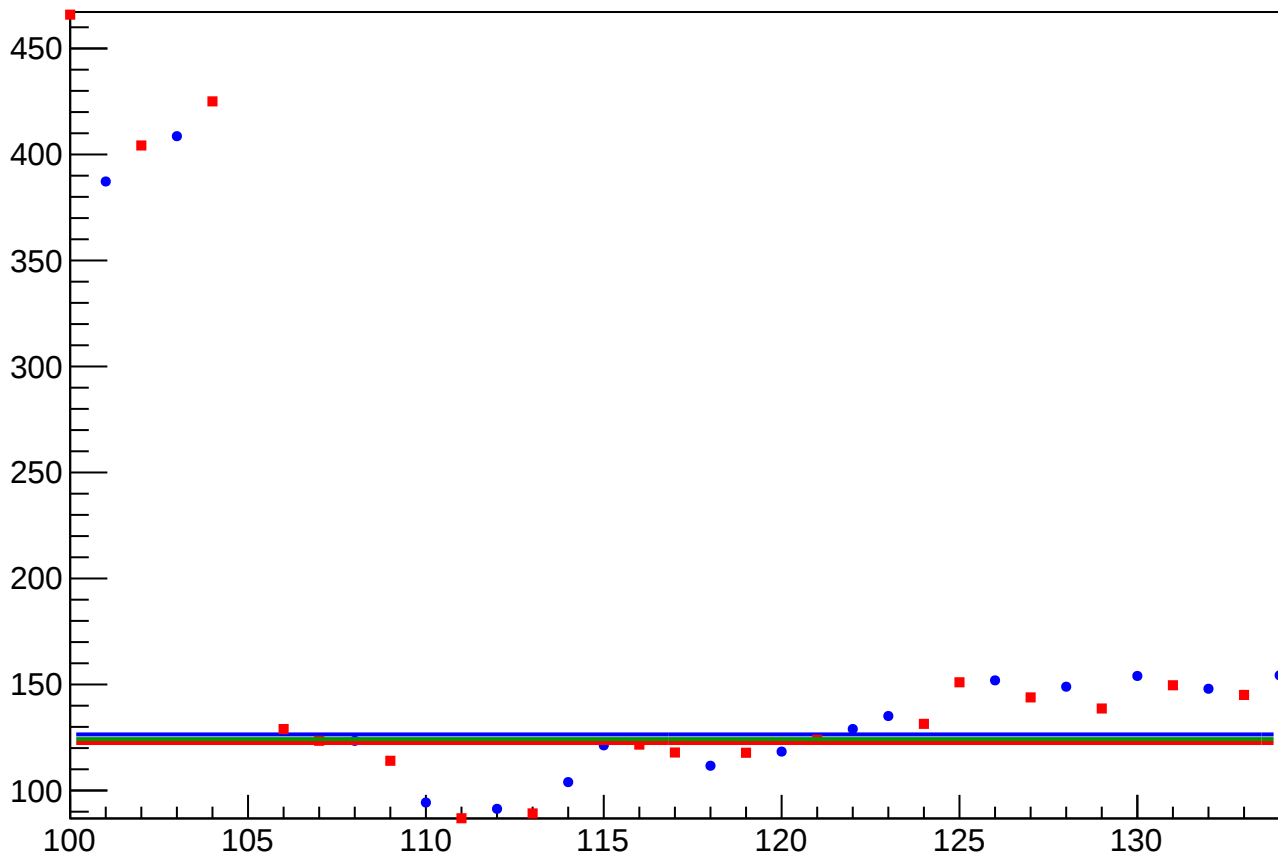
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

127817.218 $\pm$ 0.038 χ^2 /NDF: 789157903

127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

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

Right Out: 122.404 $\pm$ 0.037 χ^2 /NDF: 1470417.6/17

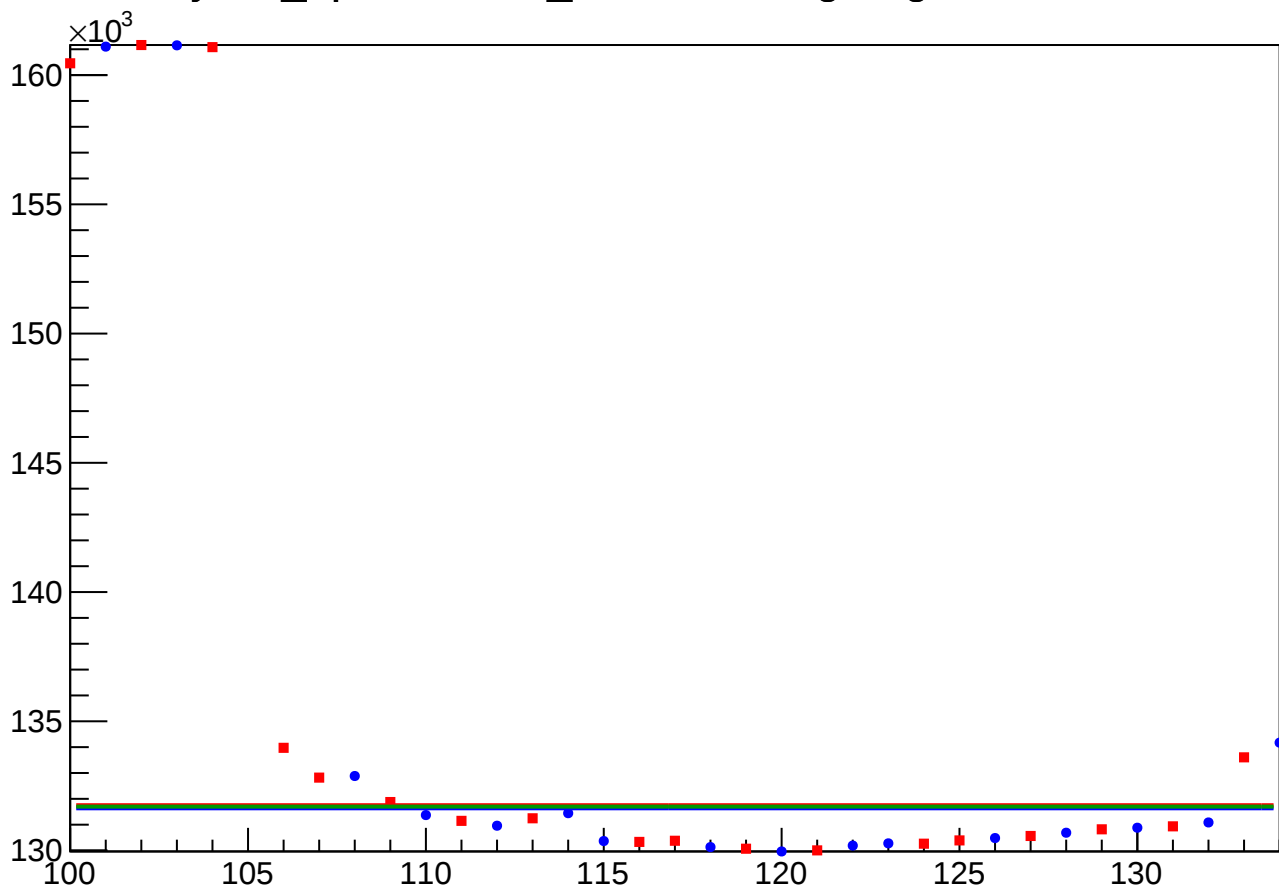
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

124.237 $\pm$ 0.027 χ^2 /NDF: 2882887.6/33

122.404 $\pm$ 0.037 χ^2 /NDF: 1470417.6/17

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

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

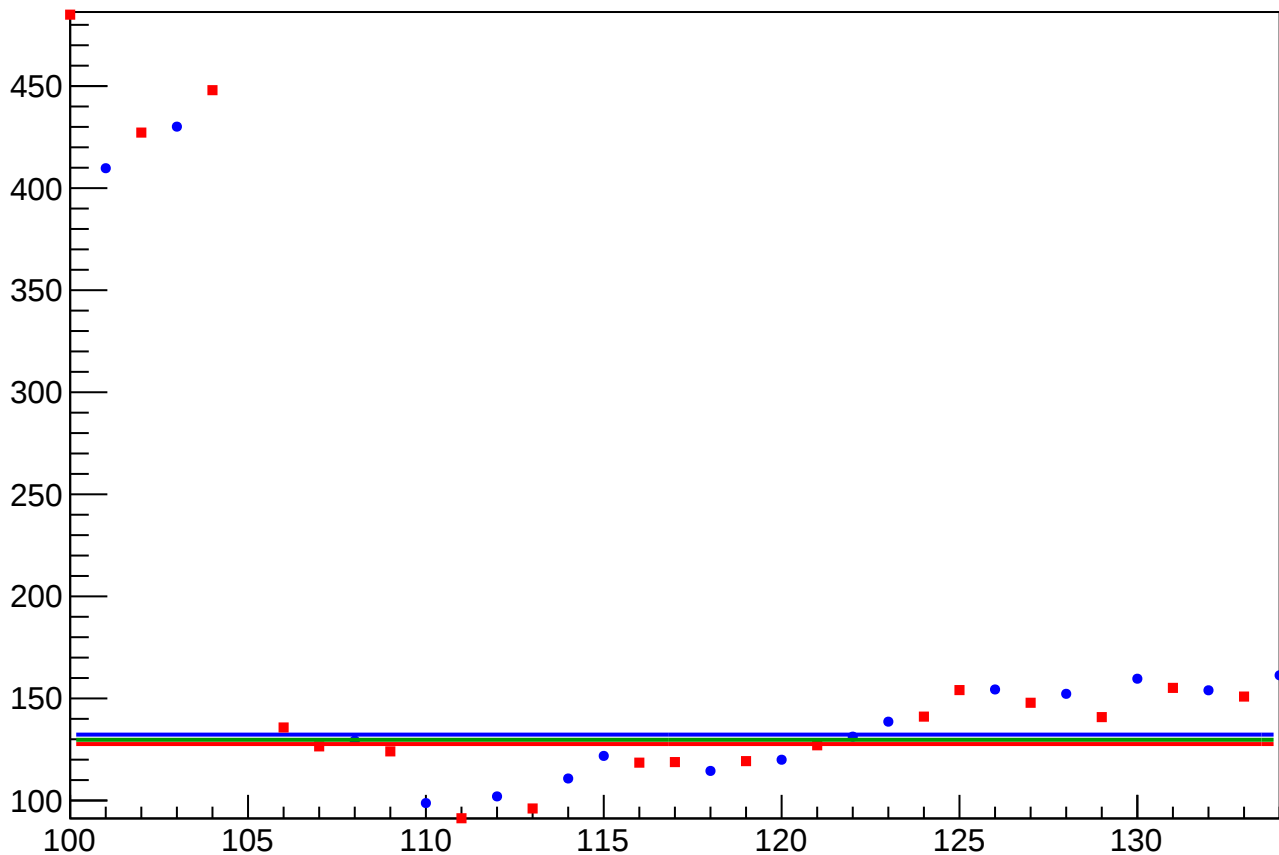
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

131699.326 $\pm$ 0.040 χ^2 /NDF: 115178657

131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 132.276+/-0.042 χ^2/NDF : 1361857.5/15

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

Right Out: 127.650+/-0.038 χ^2/NDF : 1438192.6/17

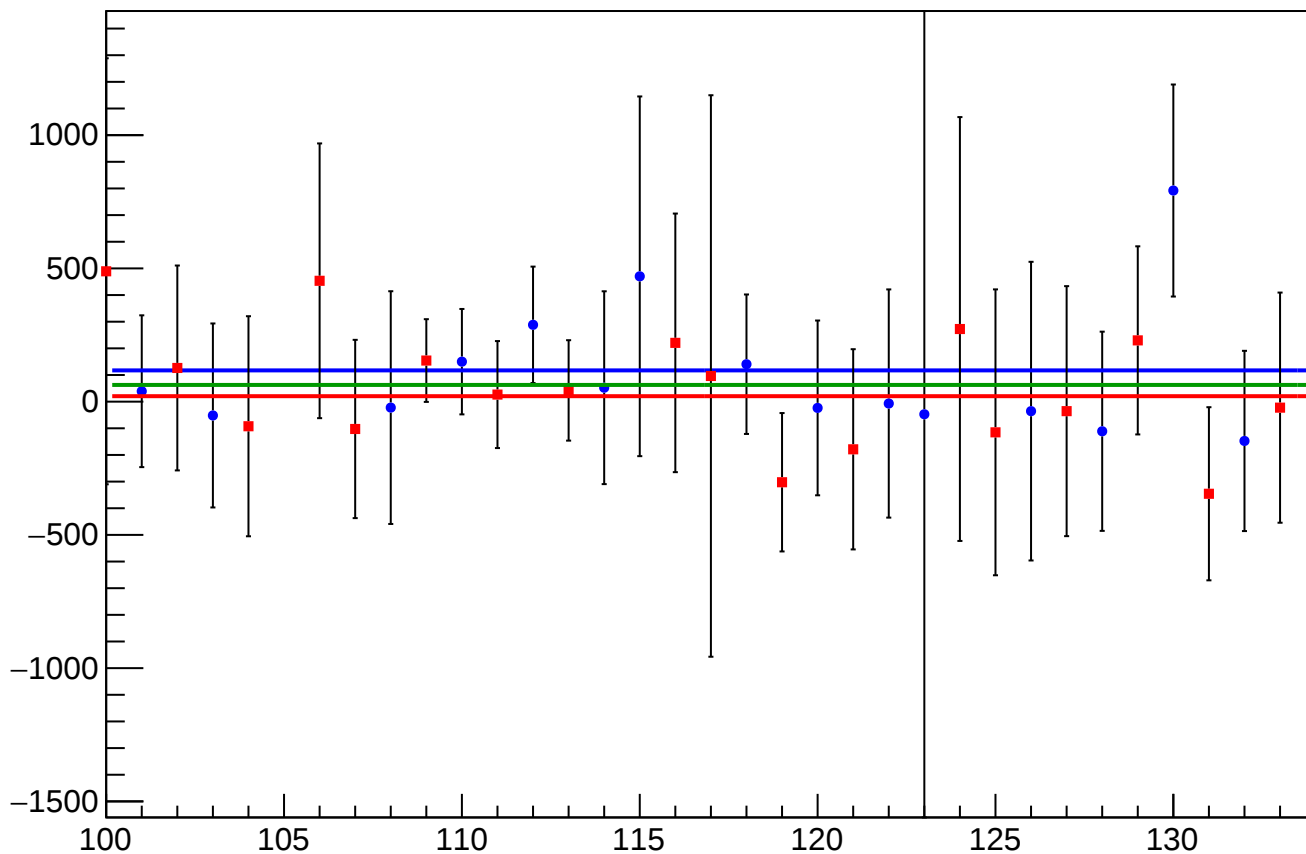
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.276+/-0.042 χ^2/NDF : 1361857.5/15

129.745+/-0.028 χ^2/NDF : 2806731.5/33

127.650+/-0.038 χ^2/NDF : 1438192.6/17

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

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

Right Out: 20.495 $\pm$ 74.341 χ^2 /NDF: 5.9/17

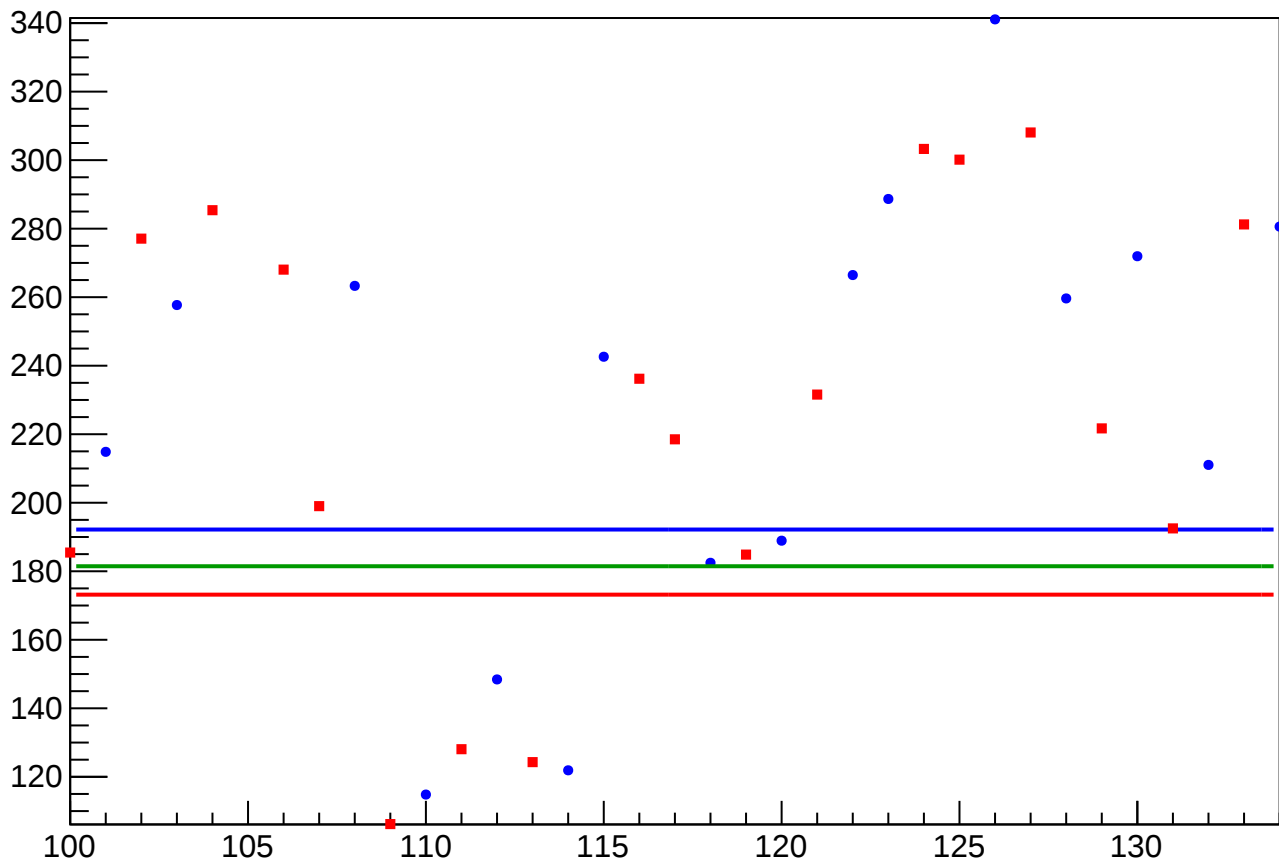
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

62.718 $\pm$ 55.821 χ^2 /NDF: 12.3/33

20.495 $\pm$ 74.341 χ^2 /NDF: 5.9/17

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 192.182+/-0.060 χ^2/NDF : 1013403.3/15

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

Right Out: 173.174+/-0.053 χ^2/NDF : 1573030.7/17

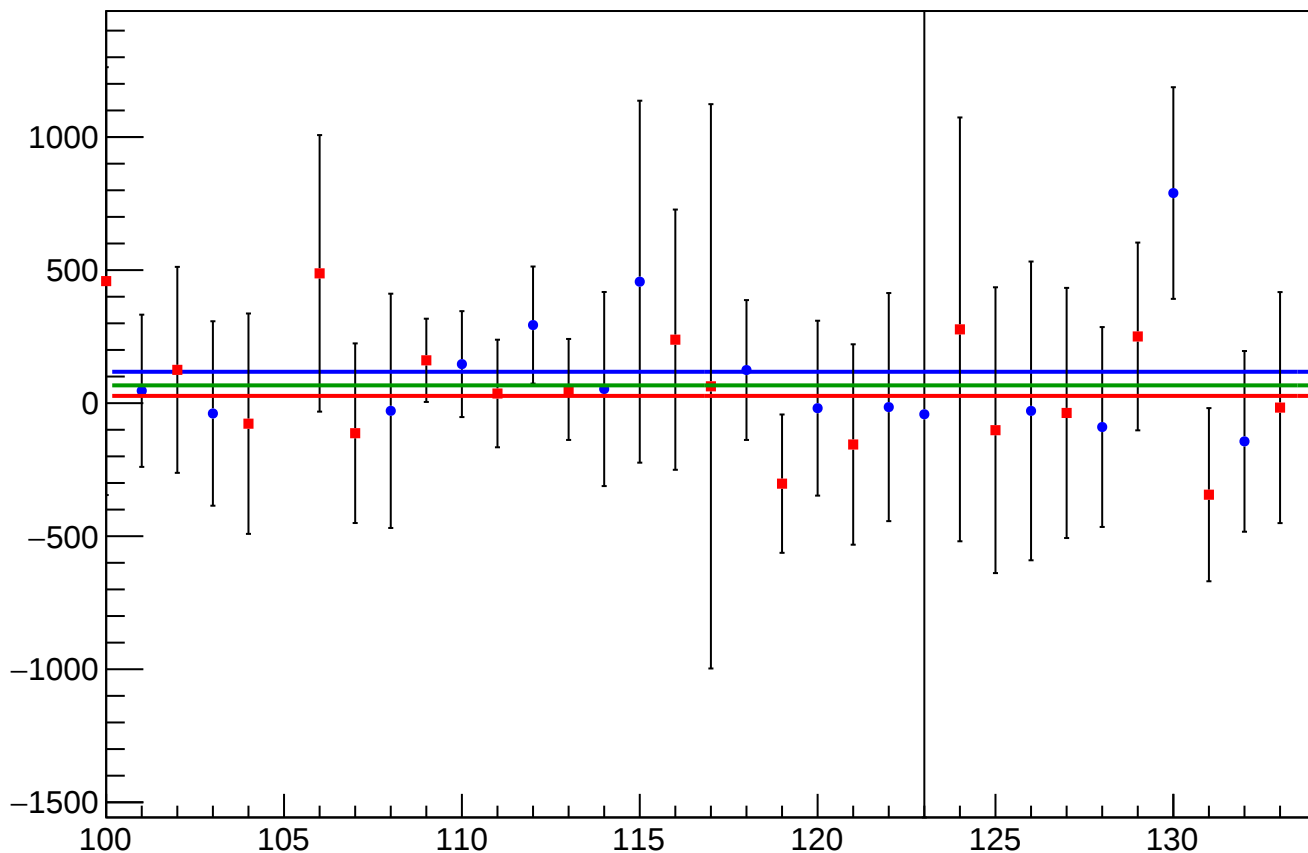
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.182+/-0.060 χ^2/NDF : 1013403.3/15

181.465+/-0.039 χ^2/NDF : 2643460.8/33

173.174+/-0.053 χ^2/NDF : 1573030.7/17

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

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

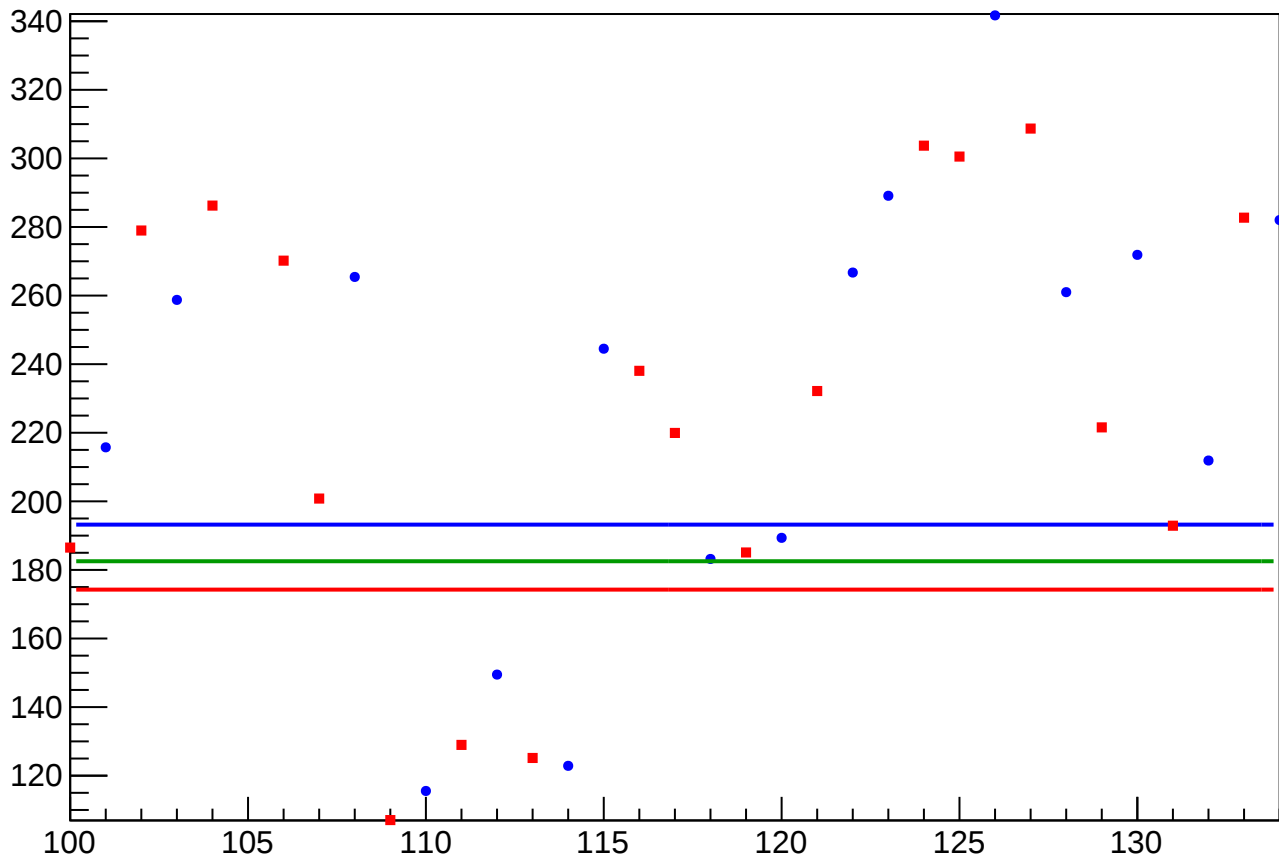
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

66.843 $\pm$ 56.120 χ^2 /NDF: 12.1/33

27.275 $\pm$ 74.763 χ^2 /NDF: 6.0/17

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 193.210+/-0.060 χ^2/NDF : 1004877.6/15

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

Right Out: 174.258+/-0.053 χ^2/NDF : 1559847.7/17

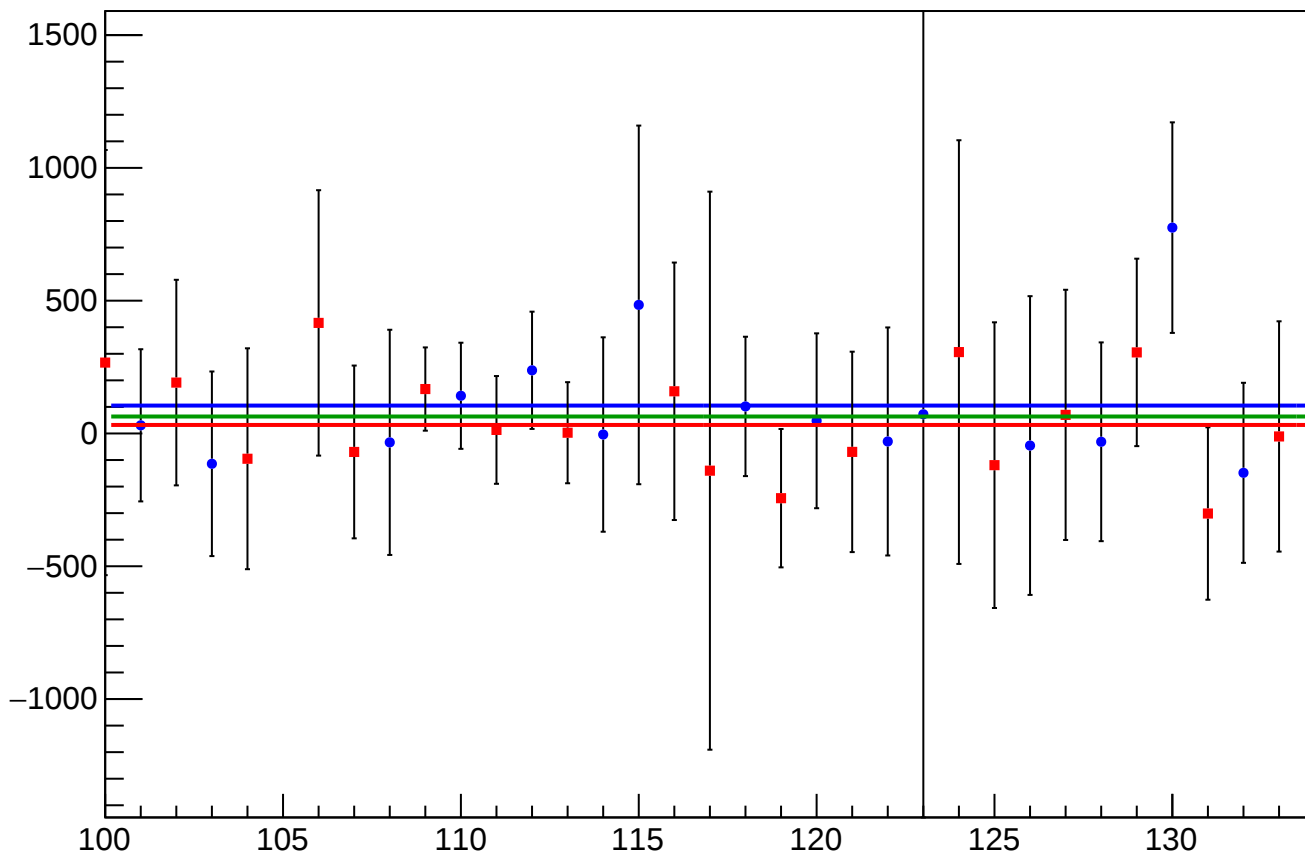
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.210+/-0.060 χ^2/NDF : 1004877.6/15

182.531+/-0.040 χ^2/NDF : 2620827.4/33

174.258+/-0.053 χ^2/NDF : 1559847.7/17

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

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

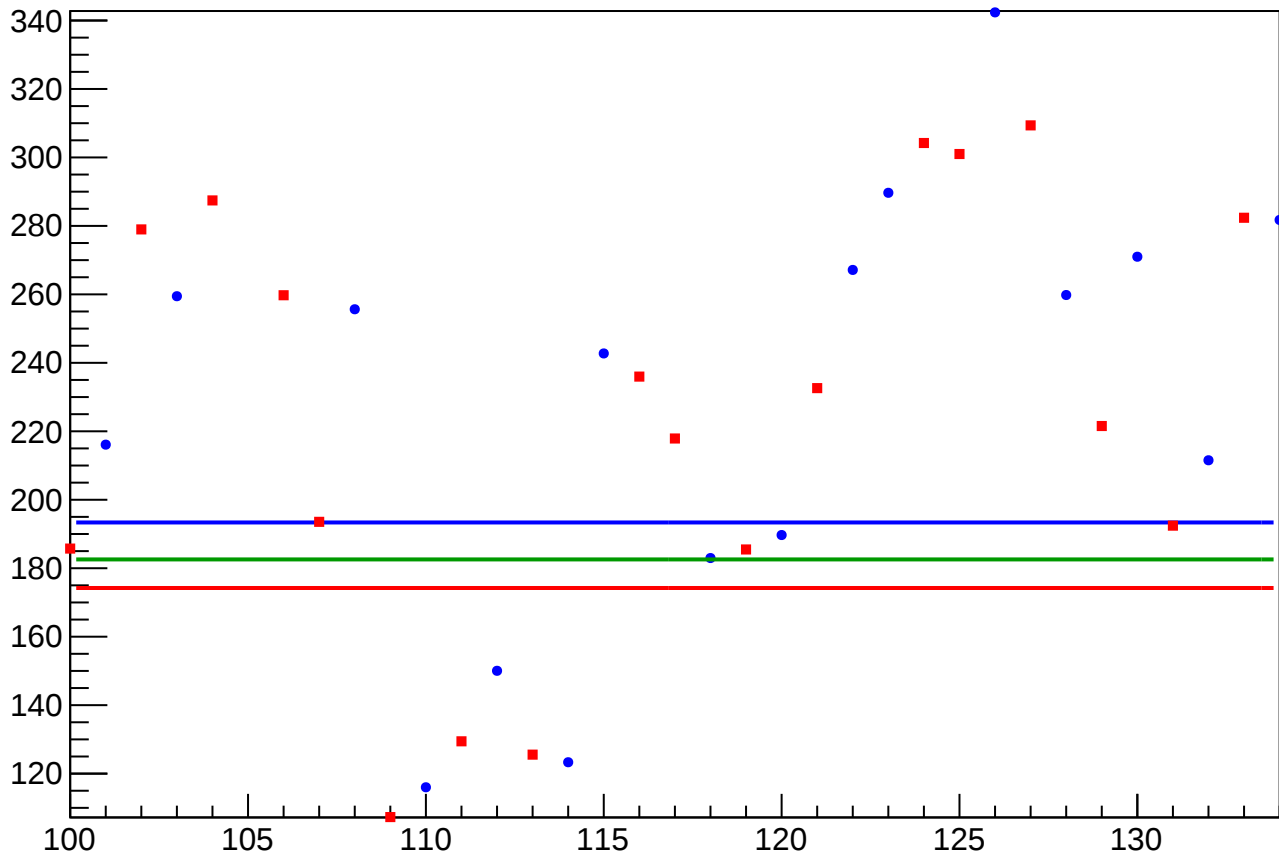
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

63.855 $\pm$ 56.076 χ^2 /NDF: 10.6/33

32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 193.368+/-0.060 χ^2/NDF : 983166.5/15

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

Right Out: 174.226+/-0.053 χ^2/NDF : 1536614.7/17

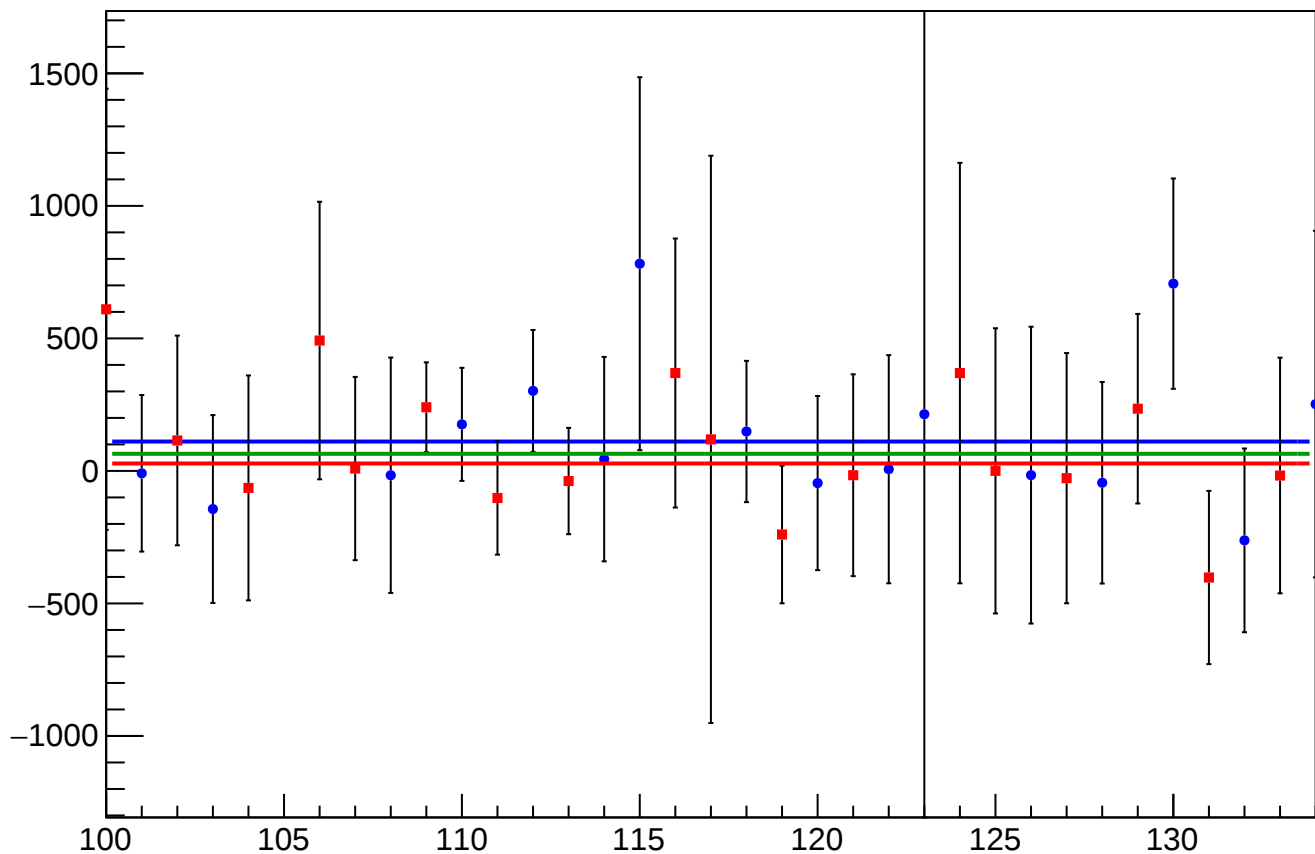
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.368+/-0.060 χ^2/NDF : 983166.5/15

182.572+/-0.040 χ^2/NDF : 2577083.6/33

174.226+/-0.053 χ^2/NDF : 1536614.7/17

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

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

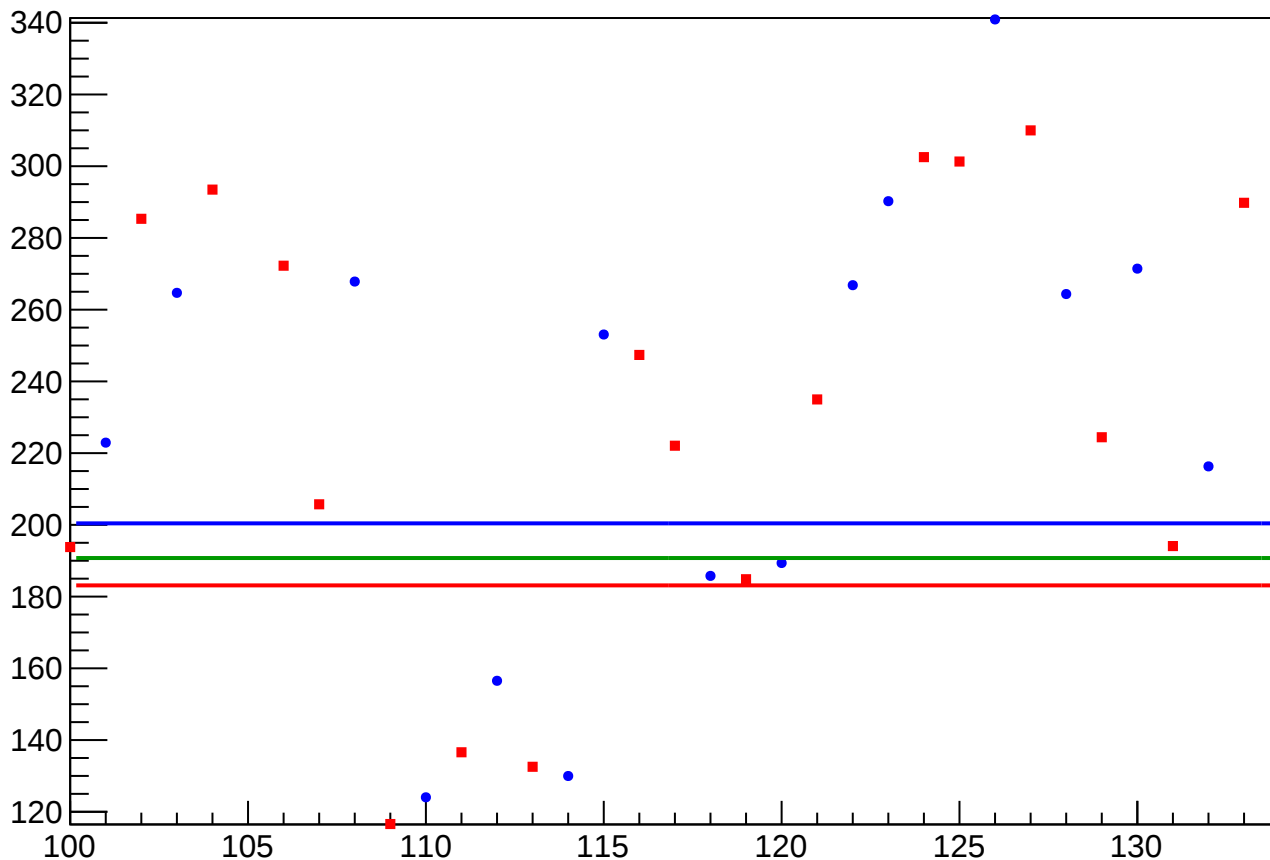
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

64.560 $\pm$ 58.153 χ^2 /NDF: 14.2/33

28.036 $\pm$ 77.786 χ^2 /NDF: 7.2/17

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 200.420+/-0.062 χ^2/NDF : 880014.3/15

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

Right Out: 183.125+/-0.055 χ^2/NDF : 1368440.2/17

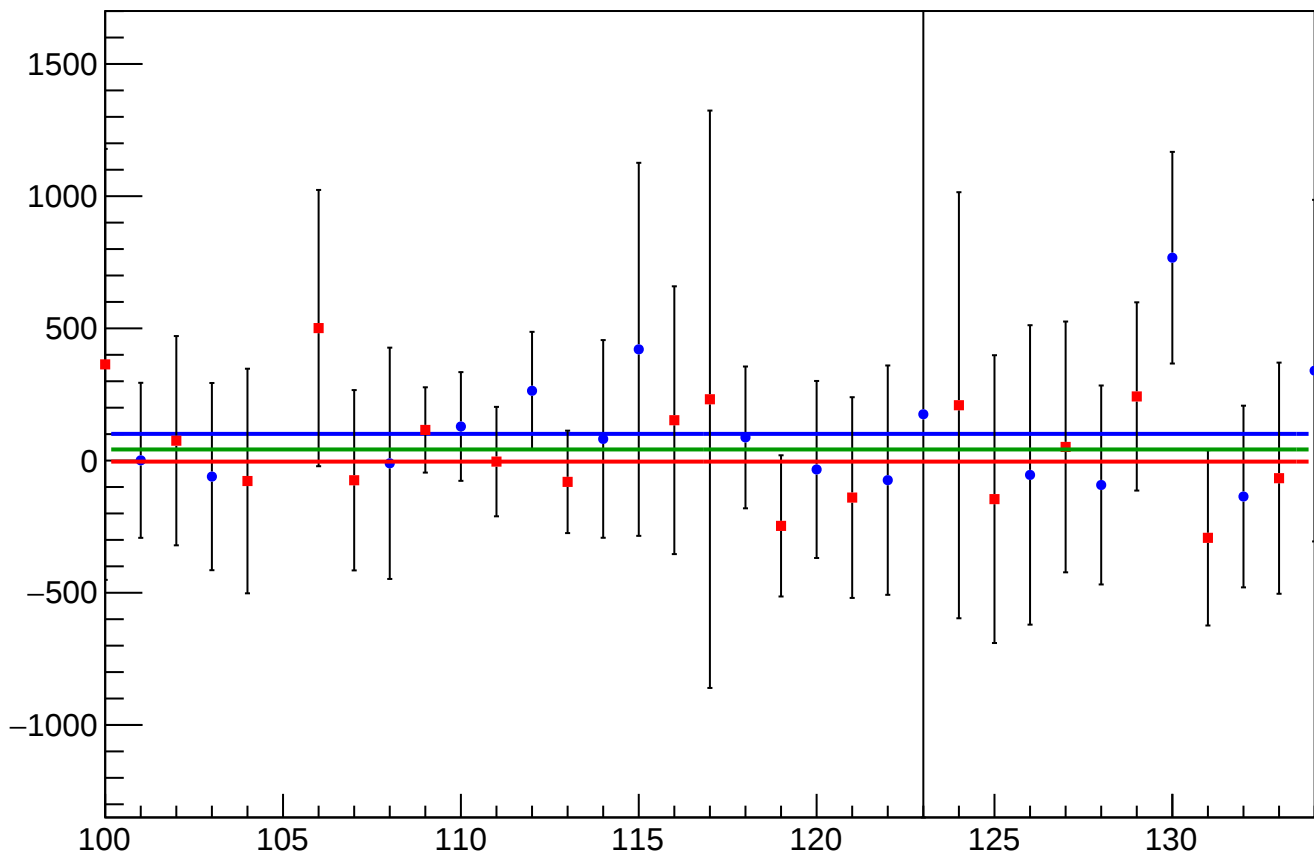
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.420+/-0.062 χ^2/NDF : 880014.3/15

190.753+/-0.041 χ^2/NDF : 2292066.4/33

183.125+/-0.055 χ^2/NDF : 1368440.2/17

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

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

Right Out: -3.911 $\pm$ 76.384 χ^2 /NDF: 4.5/17

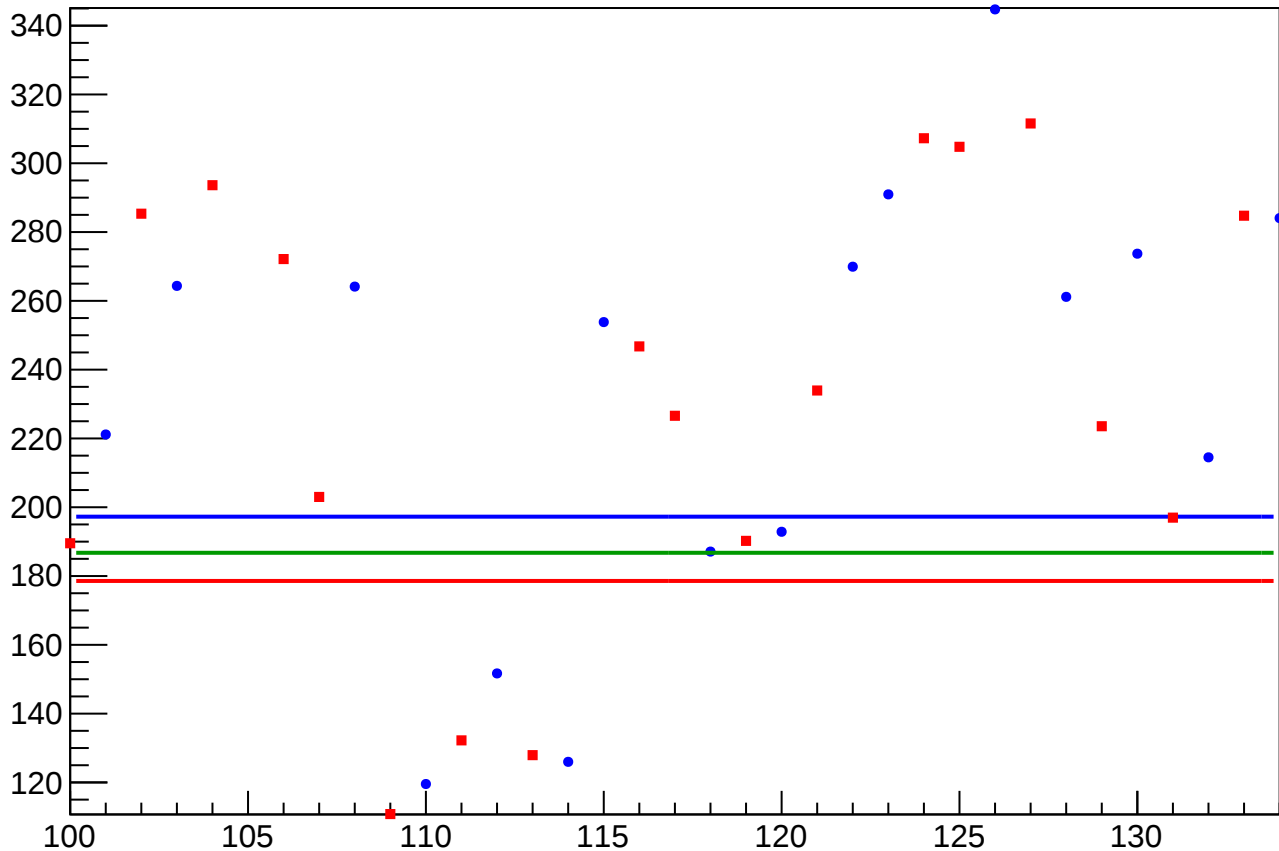
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

42.044 $\pm$ 57.257 χ^2 /NDF: 10.5/33

-3.911 $\pm$ 76.384 χ^2 /NDF: 4.5/17

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 197.261 $\pm$ 0.061 χ^2 /NDF: 961053.1/15

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

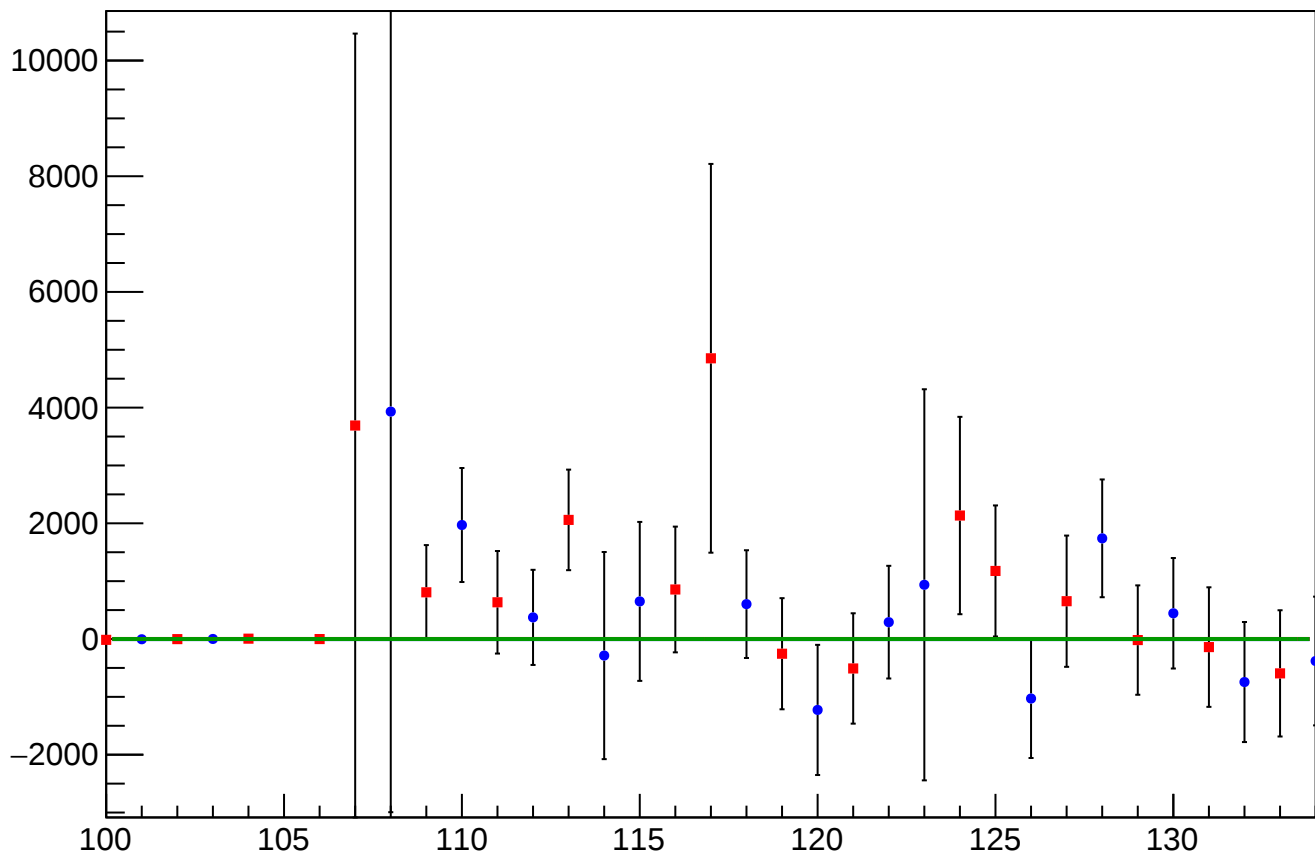
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

197.261 $\pm$ 0.061 χ^2 /NDF: 961053.1/15

186.761 $\pm$ 0.040 χ^2 /NDF: 2528886.2/33

178.573 $\pm$ 0.054 χ^2 /NDF: 1515386.6/17

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.504+/-2.251 χ^2/NDF : 12.6/15

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

Right Out: 0.741+/-2.111 χ^2/NDF : 19.7/17

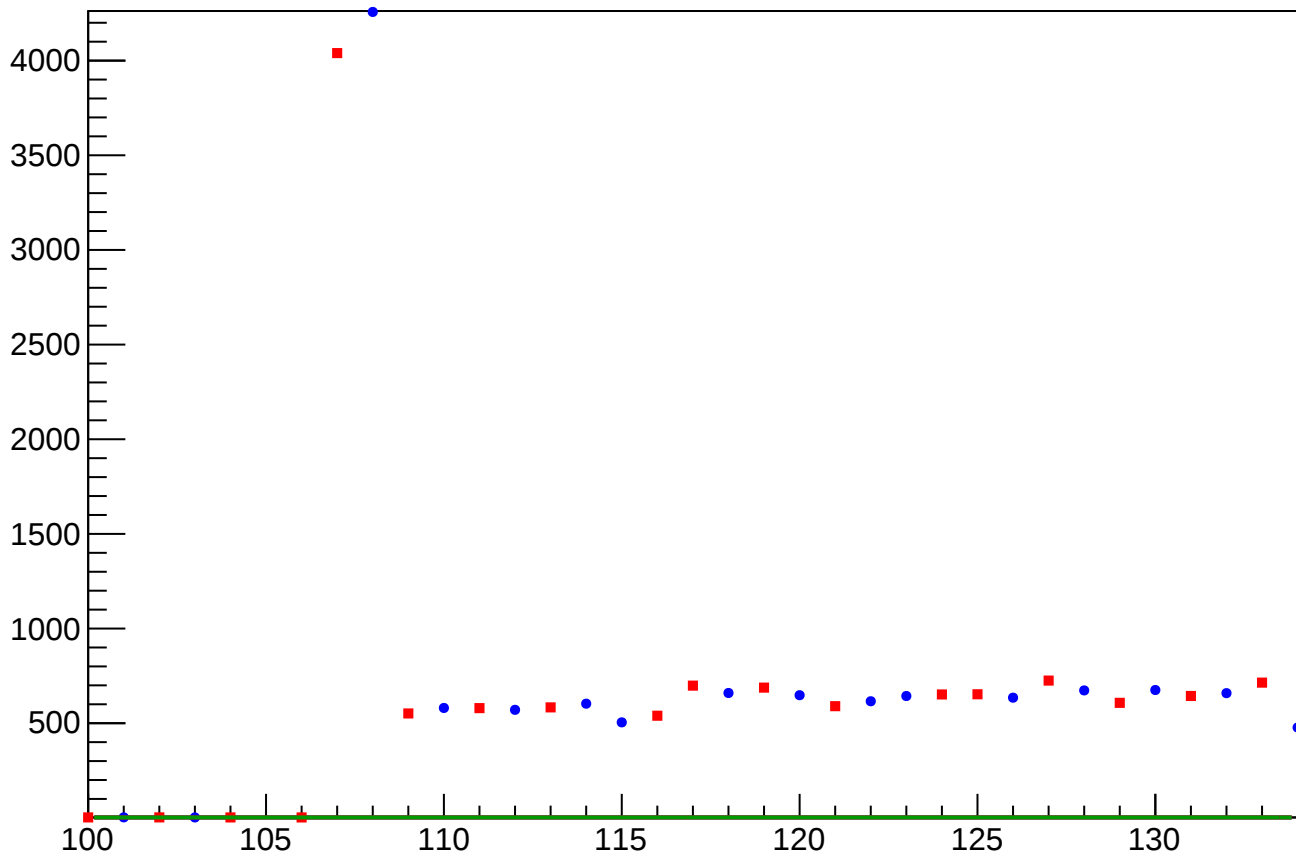
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.504+/-2.251 χ^2/NDF : 12.6/15

-0.309+/-1.540 χ^2/NDF : 32.8/33

0.741+/-2.111 χ^2/NDF : 19.7/17

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.445 $\pm$ 0.002 χ^2 /NDF: 9206597.5/15

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

Right Out: 2.429 $\pm$ 0.001 χ^2 /NDF: 9924754.5/17

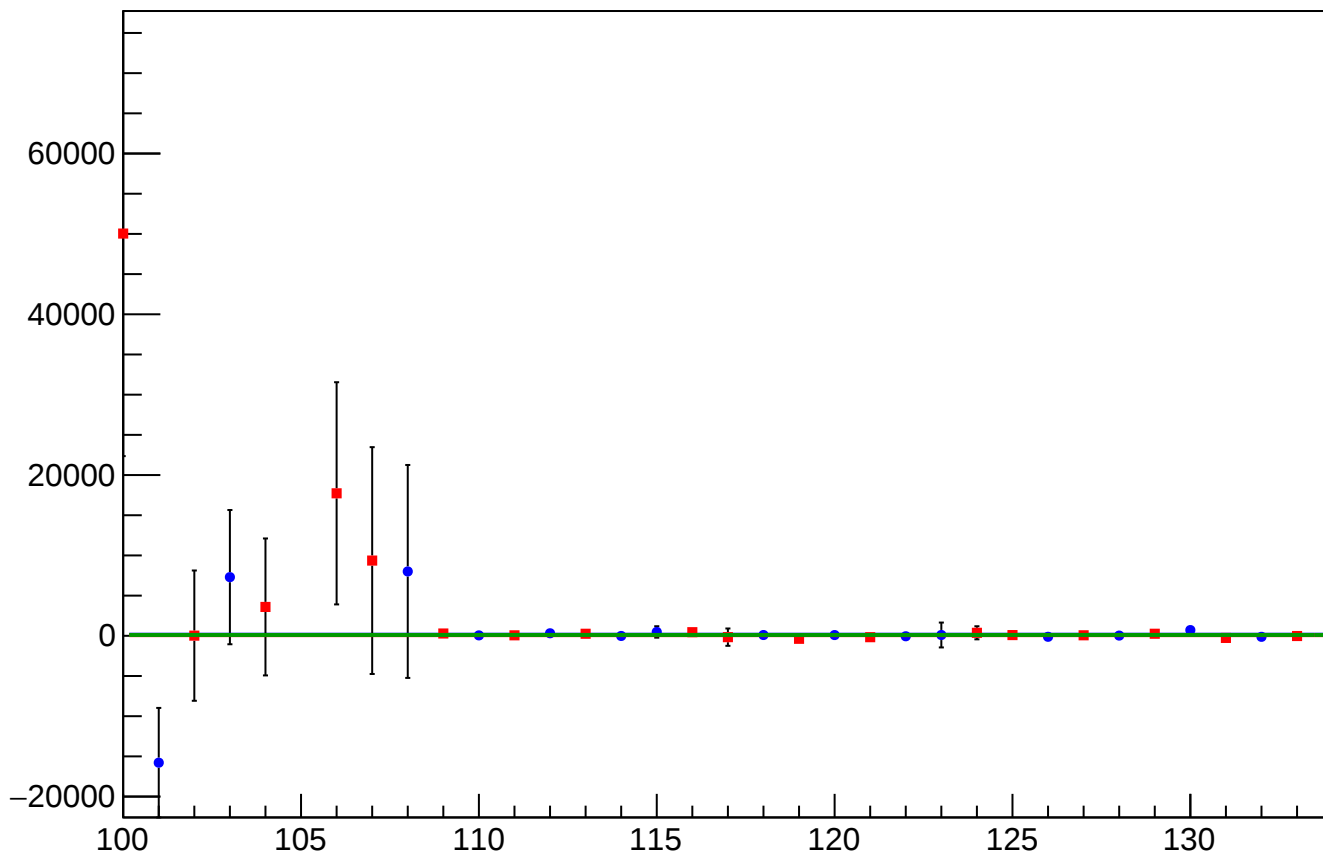
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.445 $\pm$ 0.002 χ^2 /NDF: 9206597.5/15

2.437 $\pm$ 0.001 χ^2 /NDF: 19131408.5/33

2.429 $\pm$ 0.001 χ^2 /NDF: 9924754.5/17

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 133.466+/-98.388 χ^2/NDF : 11.0/15

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

Right Out: 84.906+/-91.340 χ^2/NDF : 12.0/17

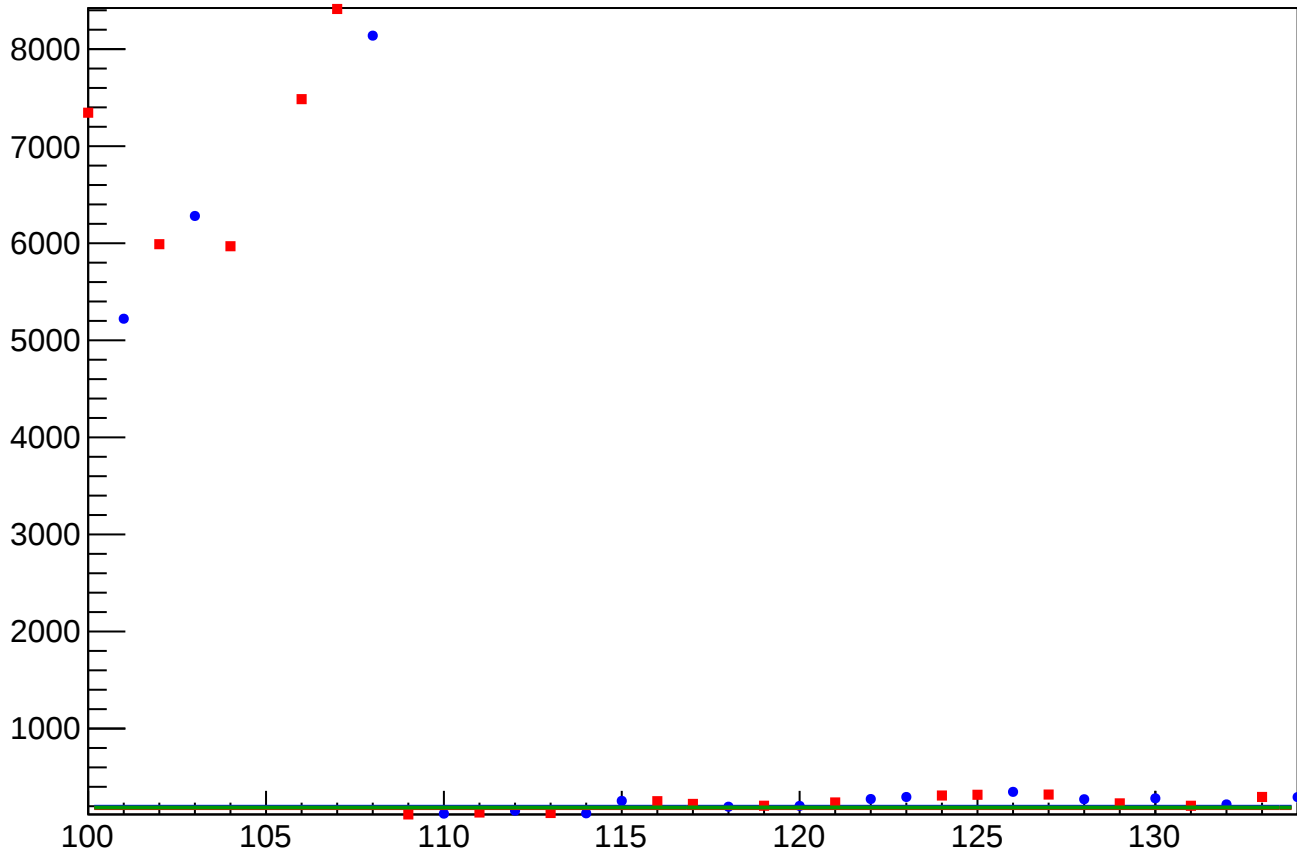
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.466+/-98.388 χ^2/NDF : 11.0/15

107.385+/-66.940 χ^2/NDF : 23.1/33

84.906+/-91.340 χ^2/NDF : 12.0/17

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 193.952 ± 0.070 χ^2/NDF : 3679833.3/15

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

Right Out: 181.001 ± 0.065 χ^2/NDF : 4313702.4/17

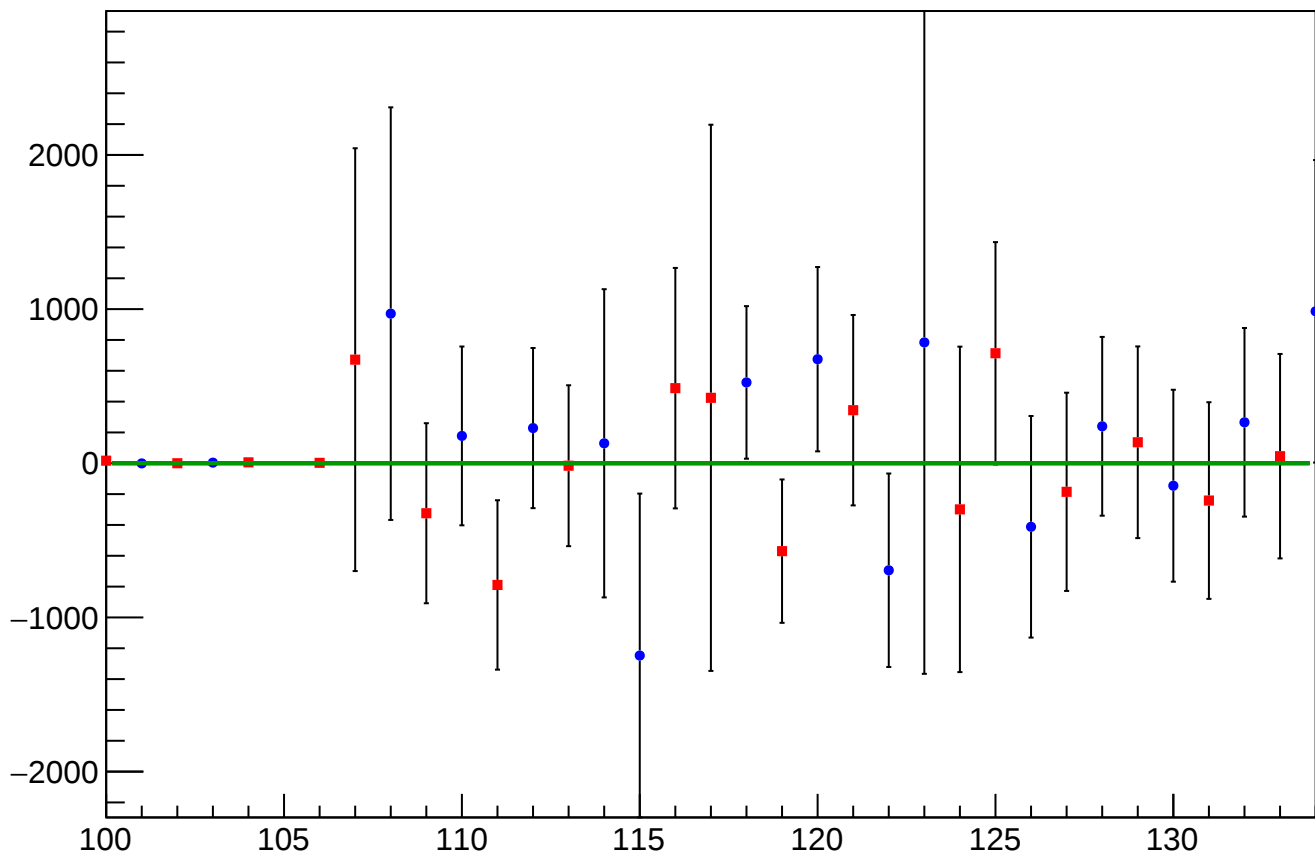
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

193.952 ± 0.070 χ^2/NDF : 3679833.3/15

186.996 ± 0.047 χ^2/NDF : 8012150.4/33

181.001 ± 0.065 χ^2/NDF : 4313702.4/17

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.146 ± 1.737 χ^2/NDF : 8.6/15

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

Right Out: 1.325 ± 1.623 χ^2/NDF : 9.0/17

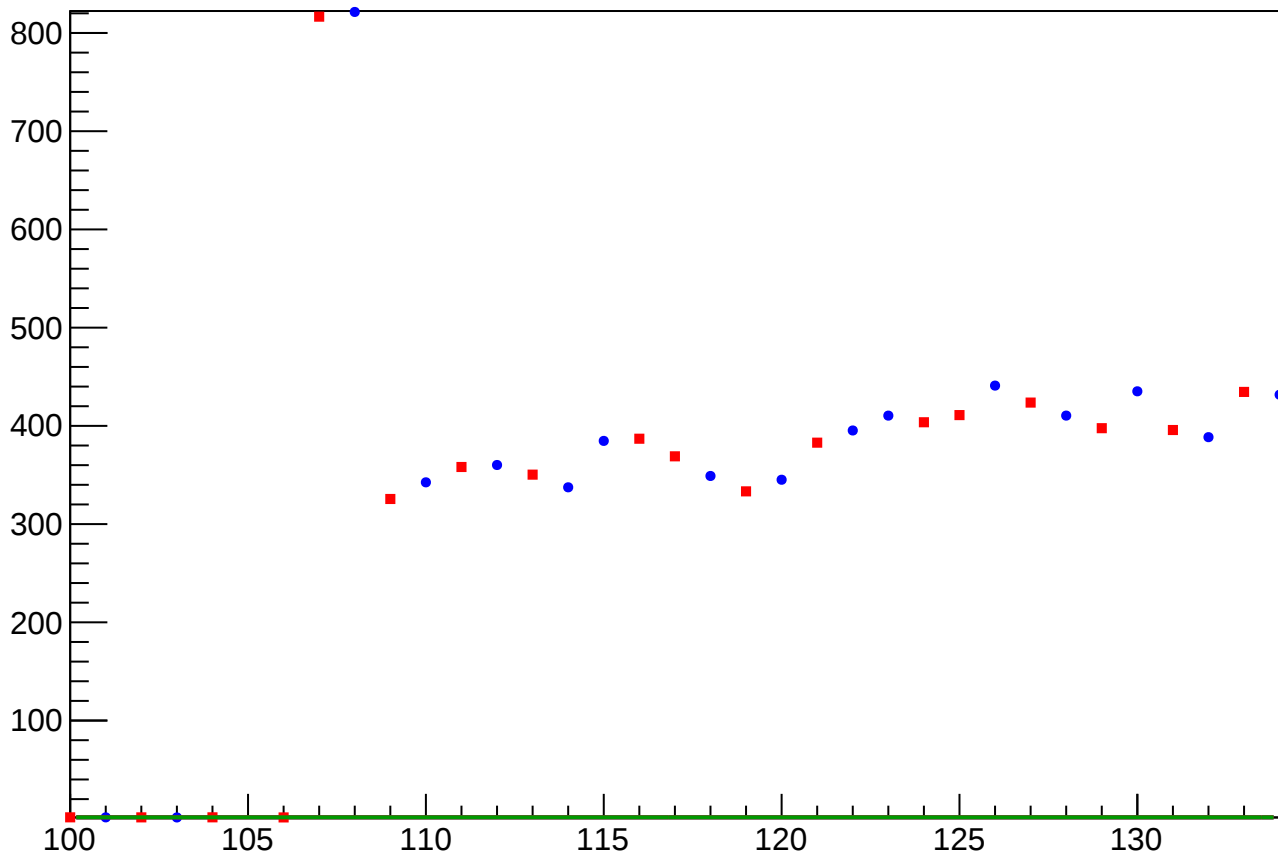
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.146 ± 1.737 χ^2/NDF : 8.6/15

0.639 ± 1.186 χ^2/NDF : 17.9/33

1.325 ± 1.623 χ^2/NDF : 9.0/17

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.446+/-0.001 χ^2/NDF : 9297686.8/15

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

Right Out: 1.447+/-0.001 χ^2/NDF : 9646384.7/17

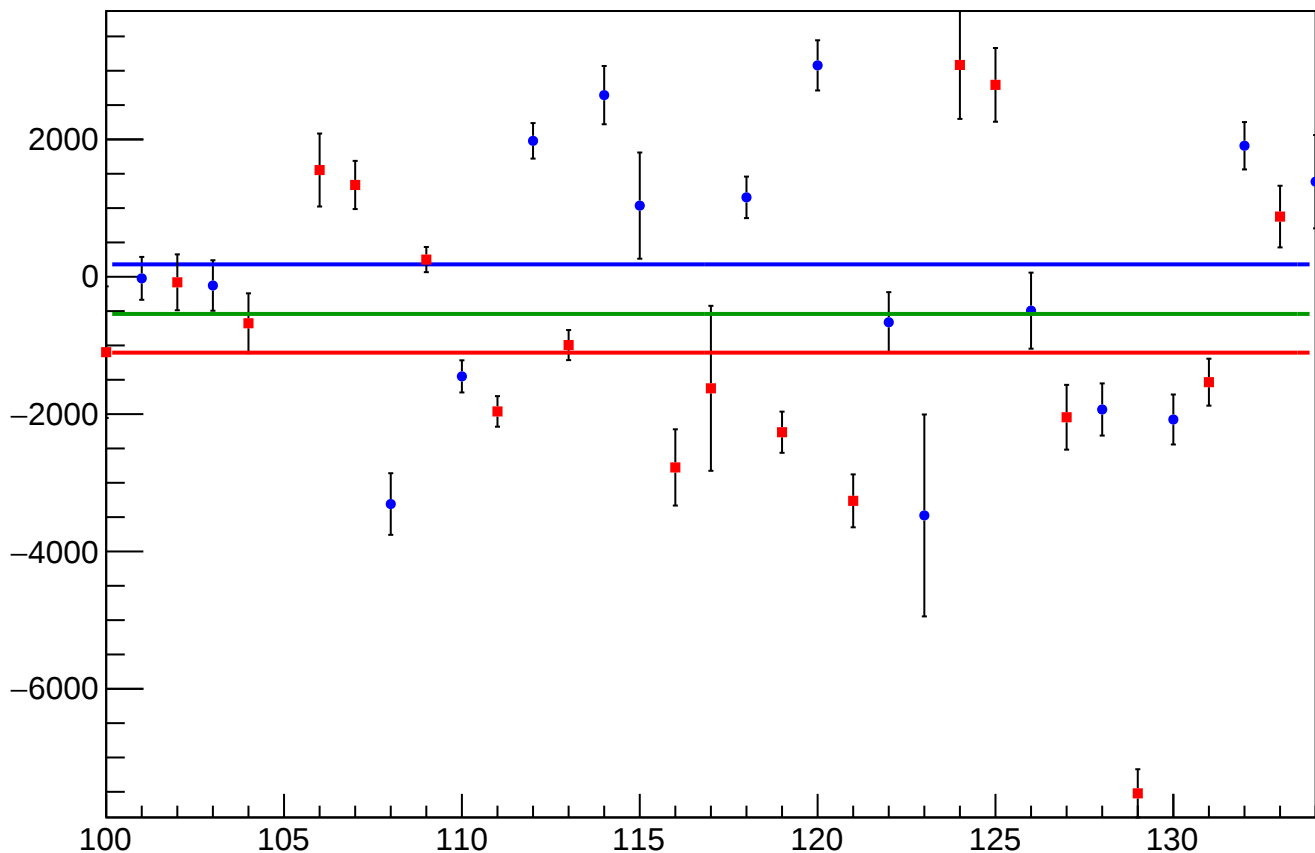
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.446+/-0.001 χ^2/NDF : 9297686.8/15

1.446+/-0.001 χ^2/NDF : 18944071.5/33

1.447+/-0.001 χ^2/NDF : 9646384.7/17

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 180.614+/-93.053 χ^2/NDF : 375.9/15

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

Right Out: -1104.849+/-82.246 χ^2/NDF : 646.4/17

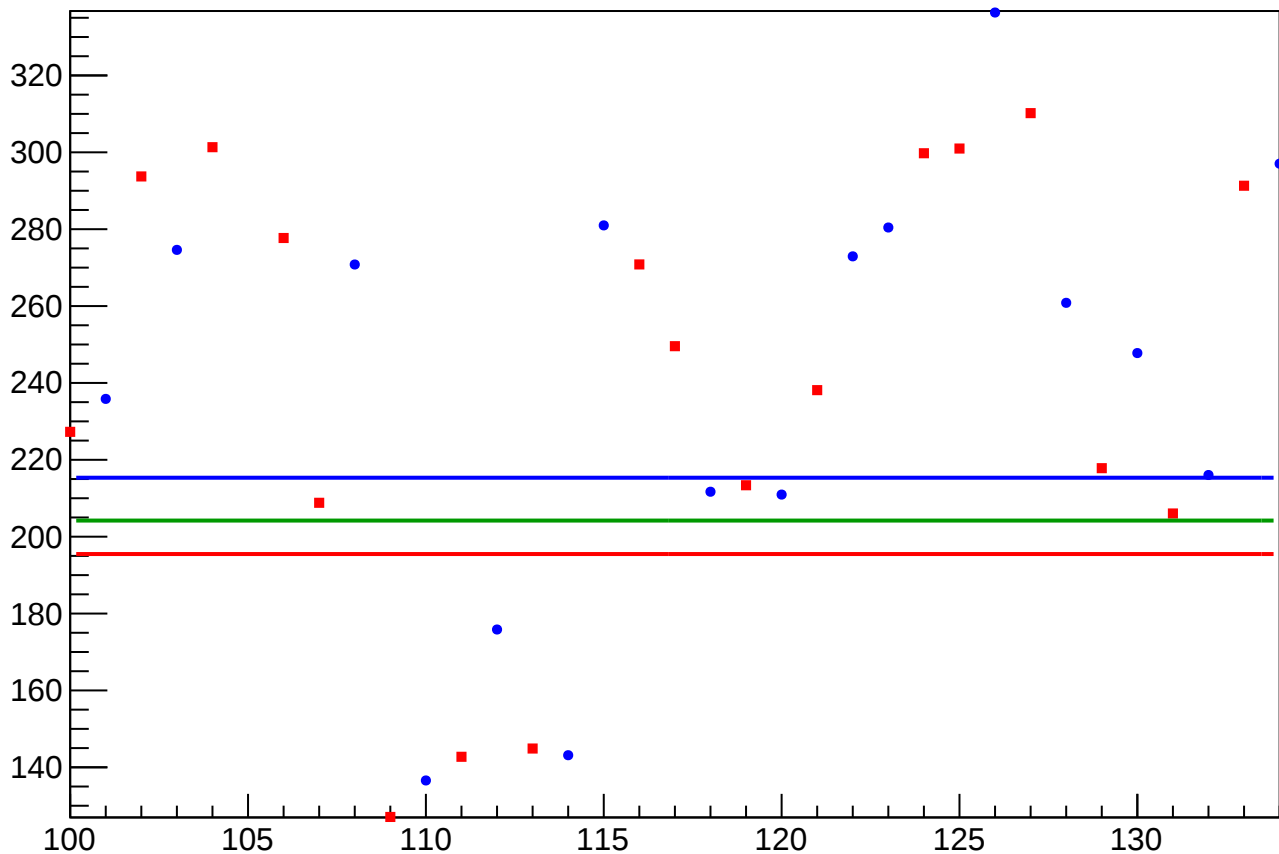
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.614+/-93.053 χ^2/NDF : 375.9/15

-541.065+/-61.625 χ^2/NDF : 1129.4/33

-1104.849+/-82.246 χ^2/NDF : 646.4/17

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

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

Right Out: 195.486 $\pm$ 0.058 χ^2 /NDF: 1189366.4/17

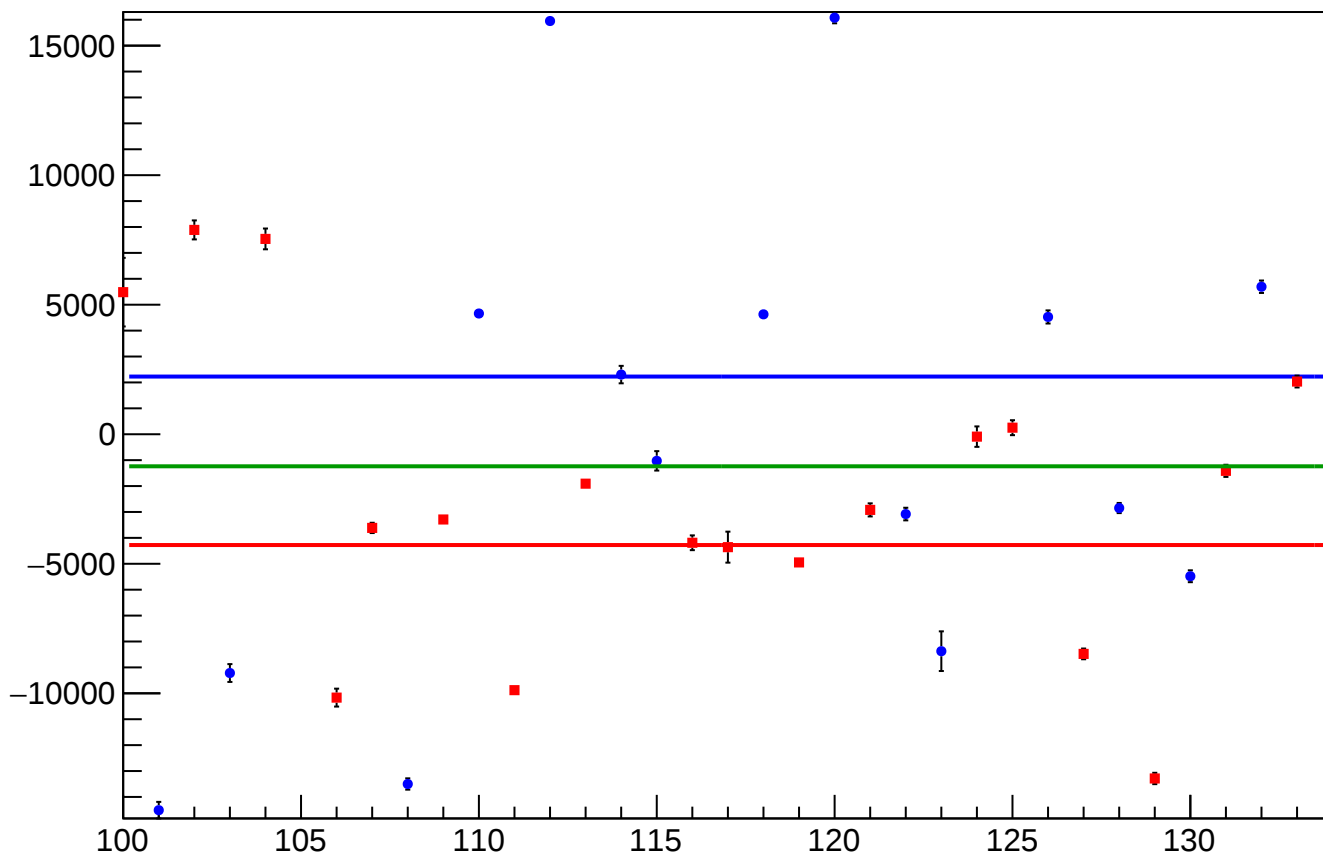
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

204.194 $\pm$ 0.044 χ^2 /NDF: 1885428.0/33

195.486 $\pm$ 0.058 χ^2 /NDF: 1189366.4/17

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2226.767+/-59.315 χ^2/NDF : 22665.2/15

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

Right Out: -4276.545+/-55.558 χ^2/NDF : 7266.6/17

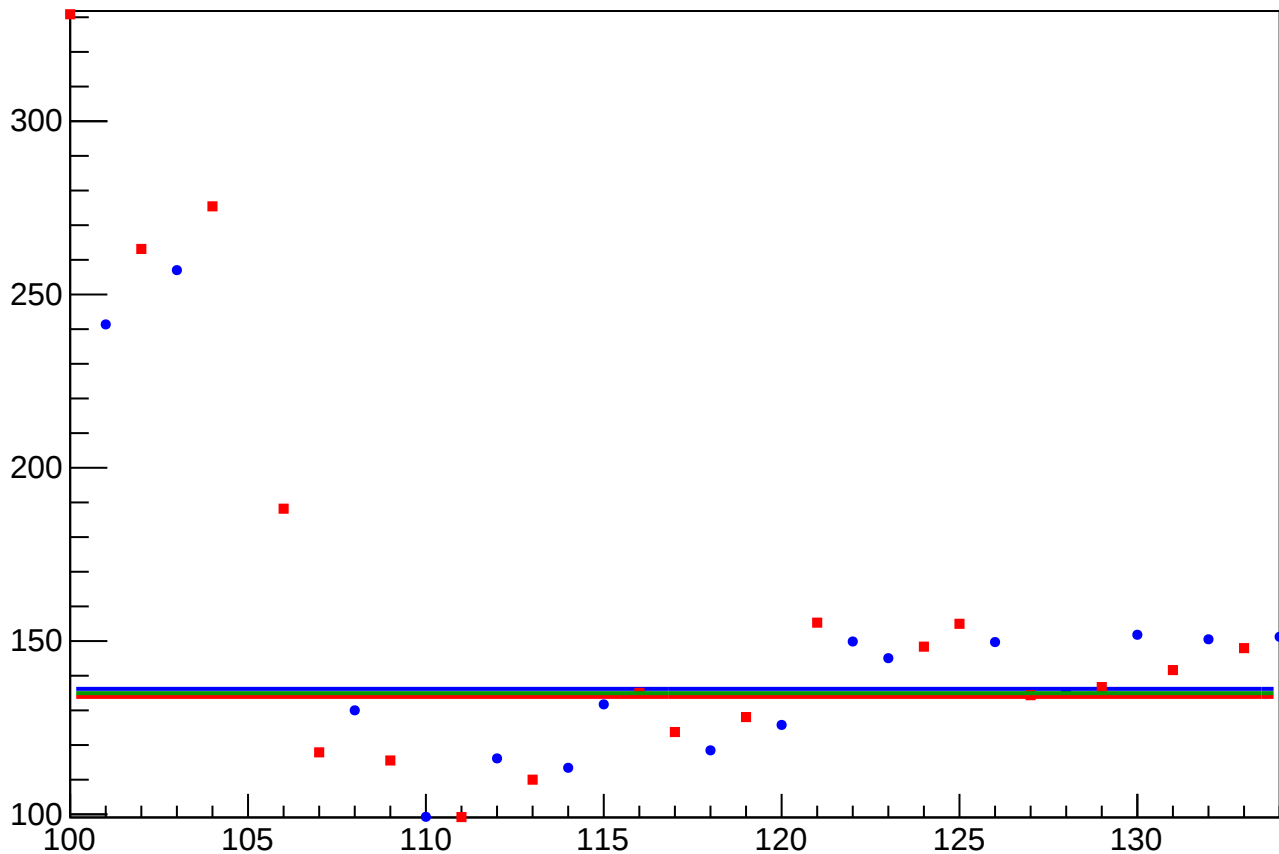
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2226.767+/-59.315 χ^2/NDF : 22665.2/15

-1237.400+/-40.549 χ^2/NDF : 36335.0/33

-4276.545+/-55.558 χ^2/NDF : 7266.6/17

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 136.213+/-0.042 χ^2/NDF : 653653.5/15

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

Right Out: 133.895+/-0.039 χ^2/NDF : 809838.2/17

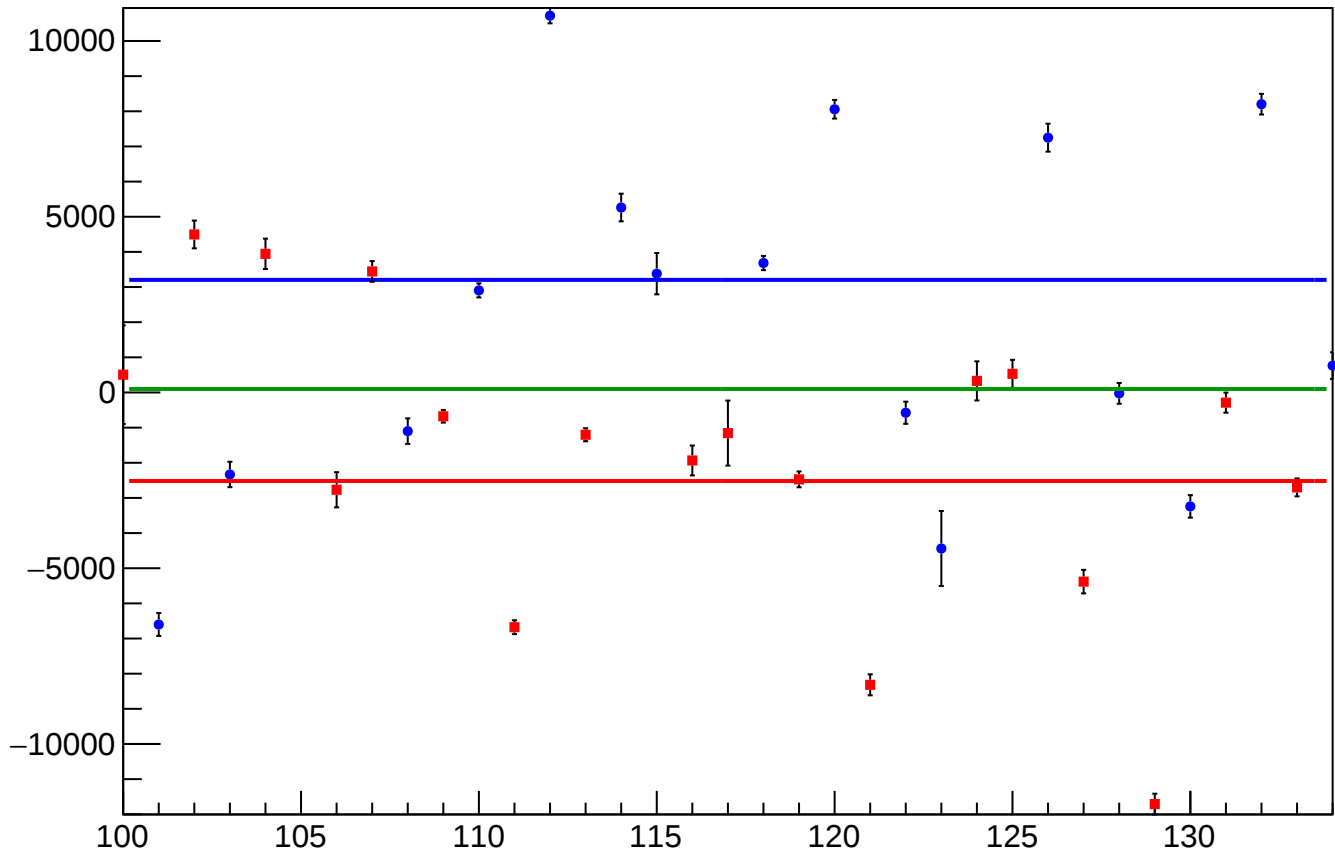
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.213+/-0.042 χ^2/NDF : 653653.5/15

134.978+/-0.029 χ^2/NDF : 1465118.4/33

133.895+/-0.039 χ^2/NDF : 809838.2/17

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3203.737+/-75.445 χ^2/NDF : 3997.2/15

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

Right Out: -2517.859+/-69.255 χ^2/NDF : 3121.5/17

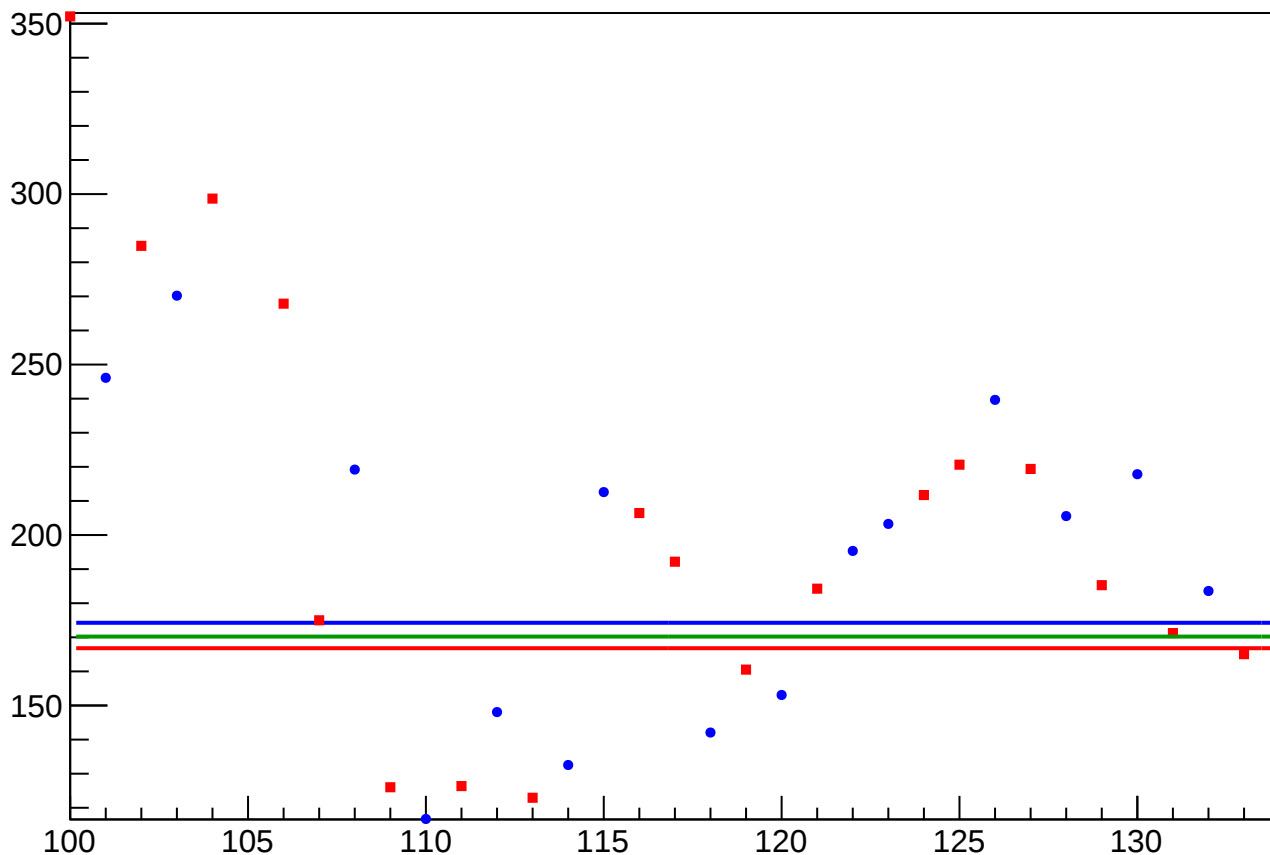
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3203.737+/-75.445 χ^2/NDF : 3997.2/15

98.619+/-51.019 χ^2/NDF : 10240.0/33

-2517.859+/-69.255 χ^2/NDF : 3121.5/17

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 174.263+/-0.053 χ^2/NDF : 685080.5/15

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

Right Out: 166.802+/-0.049 χ^2/NDF : 915875.4/17

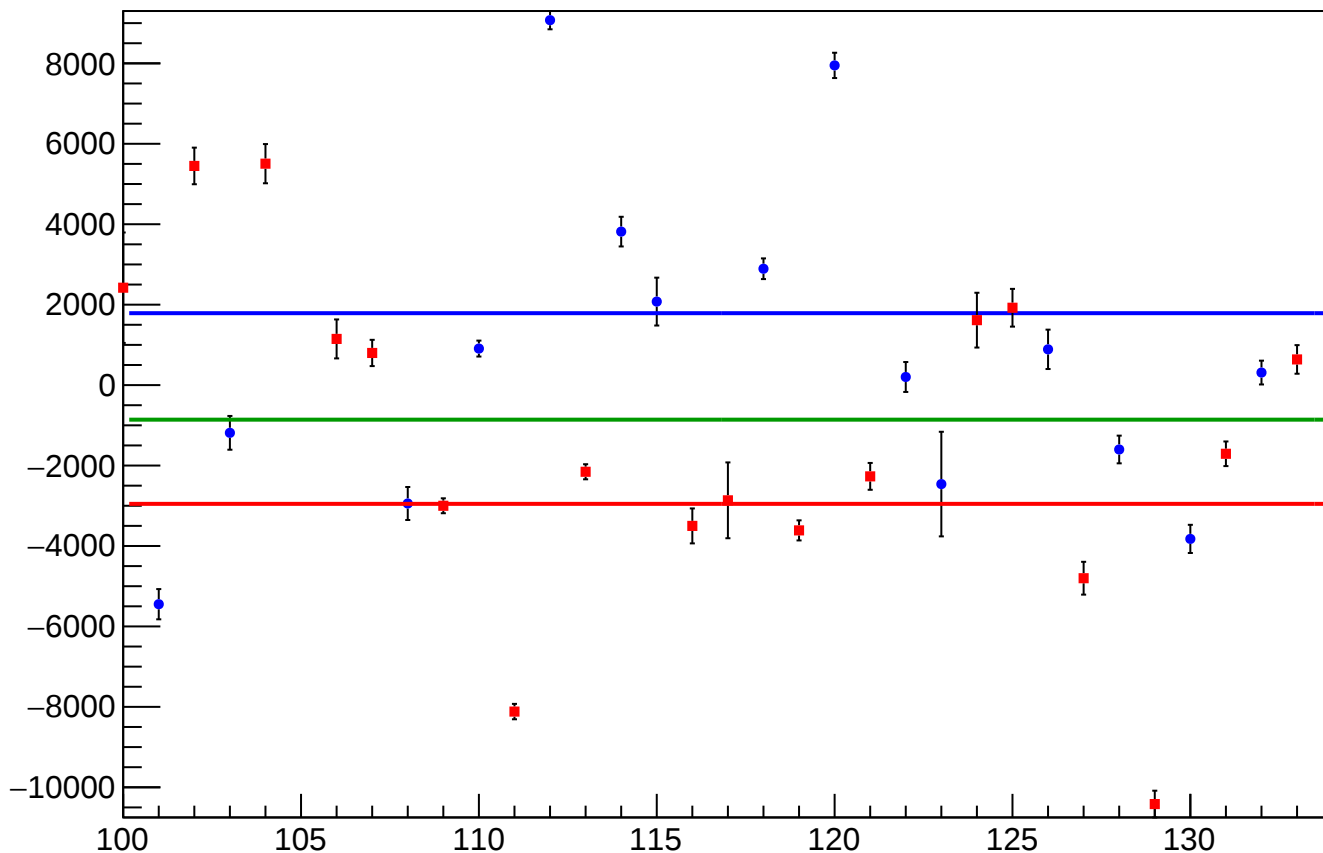
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.263+/-0.053 χ^2/NDF : 685080.5/15

170.214+/-0.036 χ^2/NDF : 1611571.4/33

166.802+/-0.049 χ^2/NDF : 915875.4/17

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1788.316+/-83.876 χ^2 /NDF: 2463.8/15

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

Right Out: -2952.597+/-74.587 χ^2 /NDF: 2414.9/17

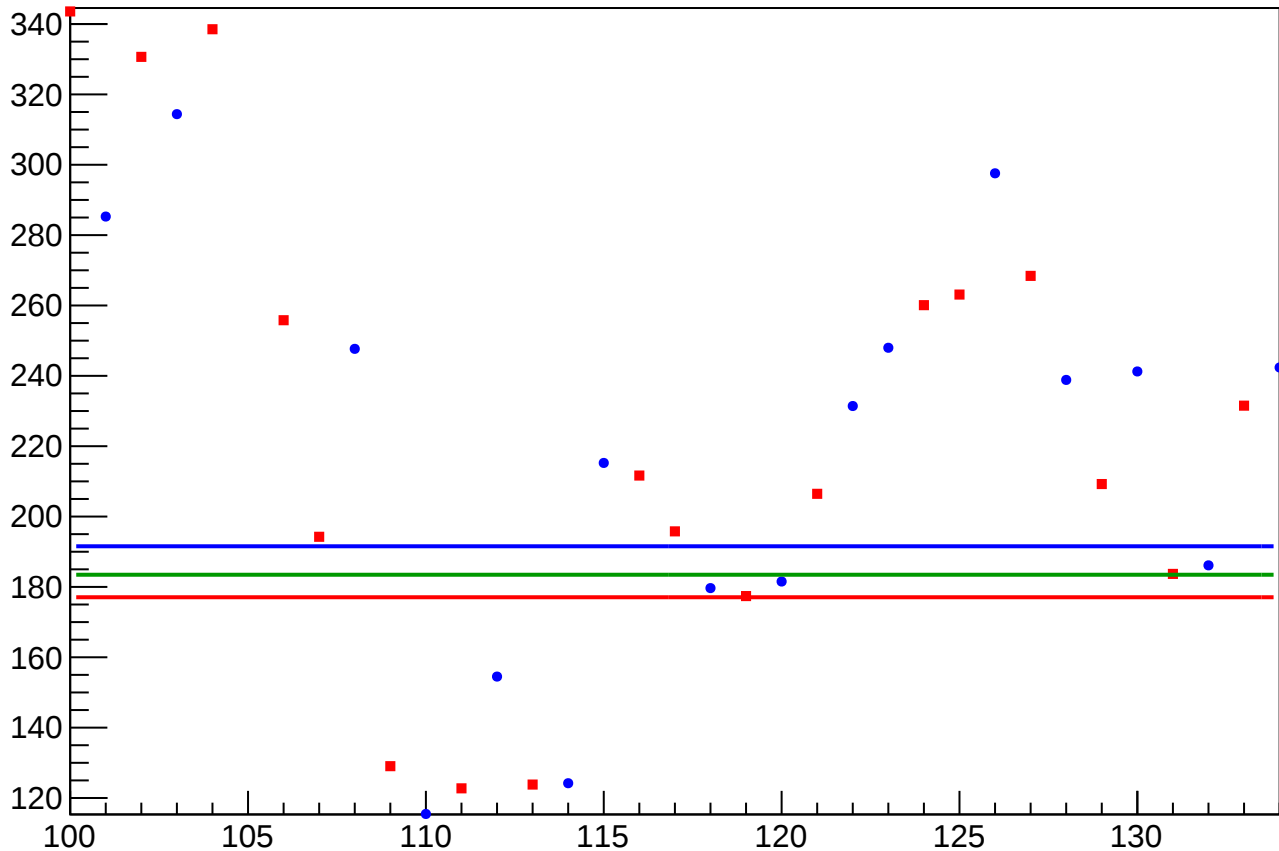
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1788.316+/-83.876 χ^2 /NDF: 2463.8/15

-859.083+/-55.737 χ^2 /NDF: 6662.7/33

-2952.597+/-74.587 χ^2 /NDF: 2414.9/17

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 191.553+/-0.059 χ^2/NDF : 973301.2/15

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

Right Out: 177.063+/-0.053 χ^2/NDF : 1284043.8/17

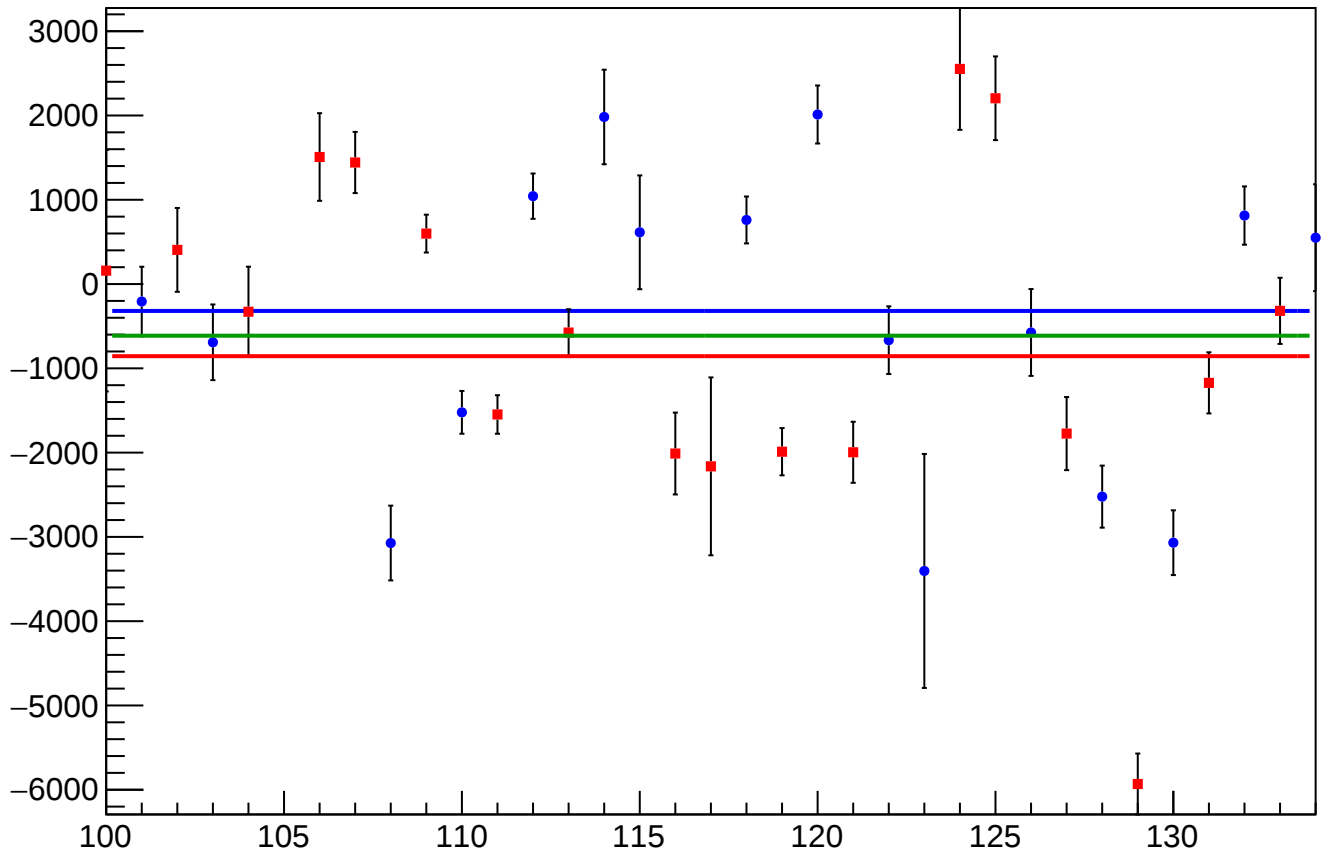
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.553+/-0.059 χ^2/NDF : 973301.2/15

183.462+/-0.039 χ^2/NDF : 2290673.0/33

177.063+/-0.053 χ^2/NDF : 1284043.8/17

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -319.044+/-96.450 χ^2/NDF : 272.7/15

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

Right Out: -855.814+/-87.744 χ^2/NDF : 418.9/17

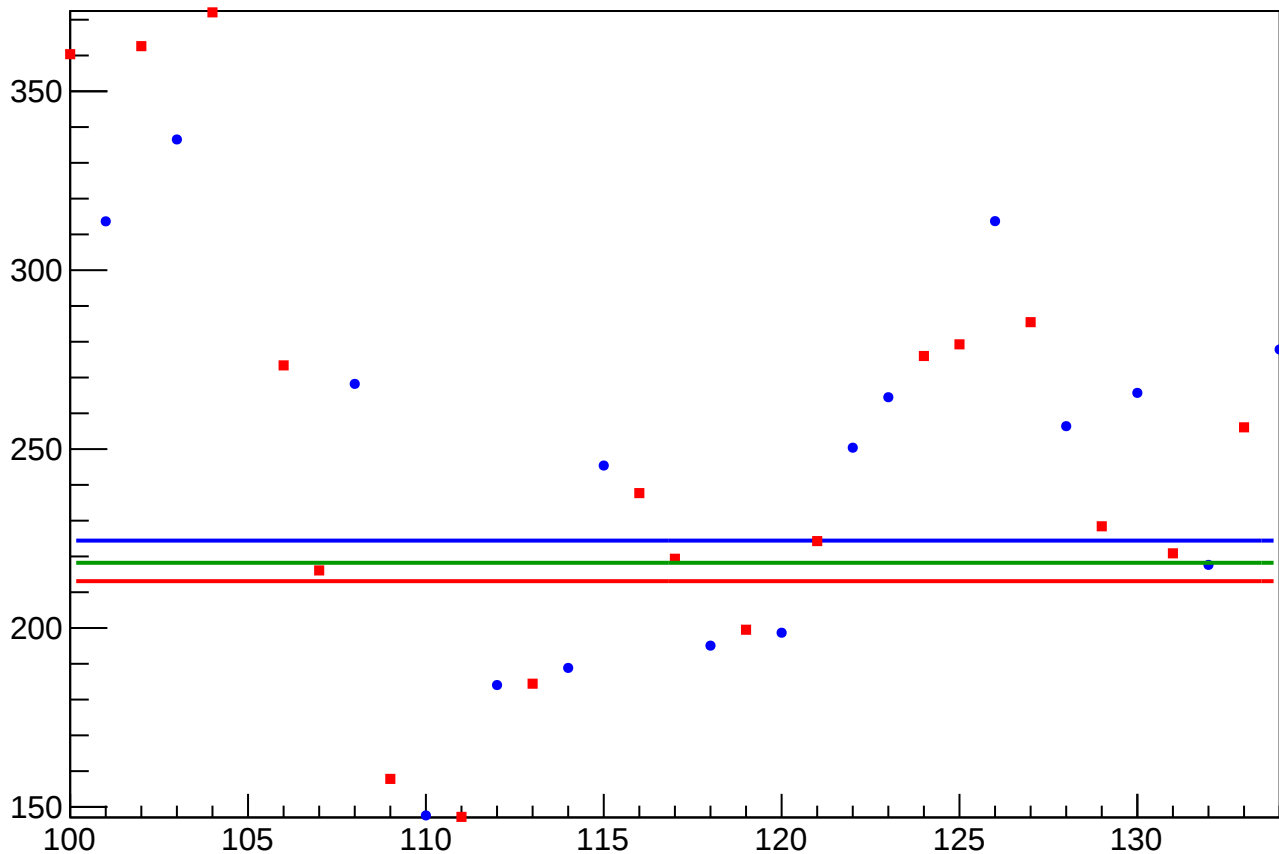
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-319.044+/-96.450 χ^2/NDF : 272.7/15

-612.743+/-64.904 χ^2/NDF : 708.5/33

-855.814+/-87.744 χ^2/NDF : 418.9/17

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 224.429+/-0.068 χ^2/NDF : 632501.8/15

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

Right Out: 213.093+/-0.062 χ^2/NDF : 861113.2/17

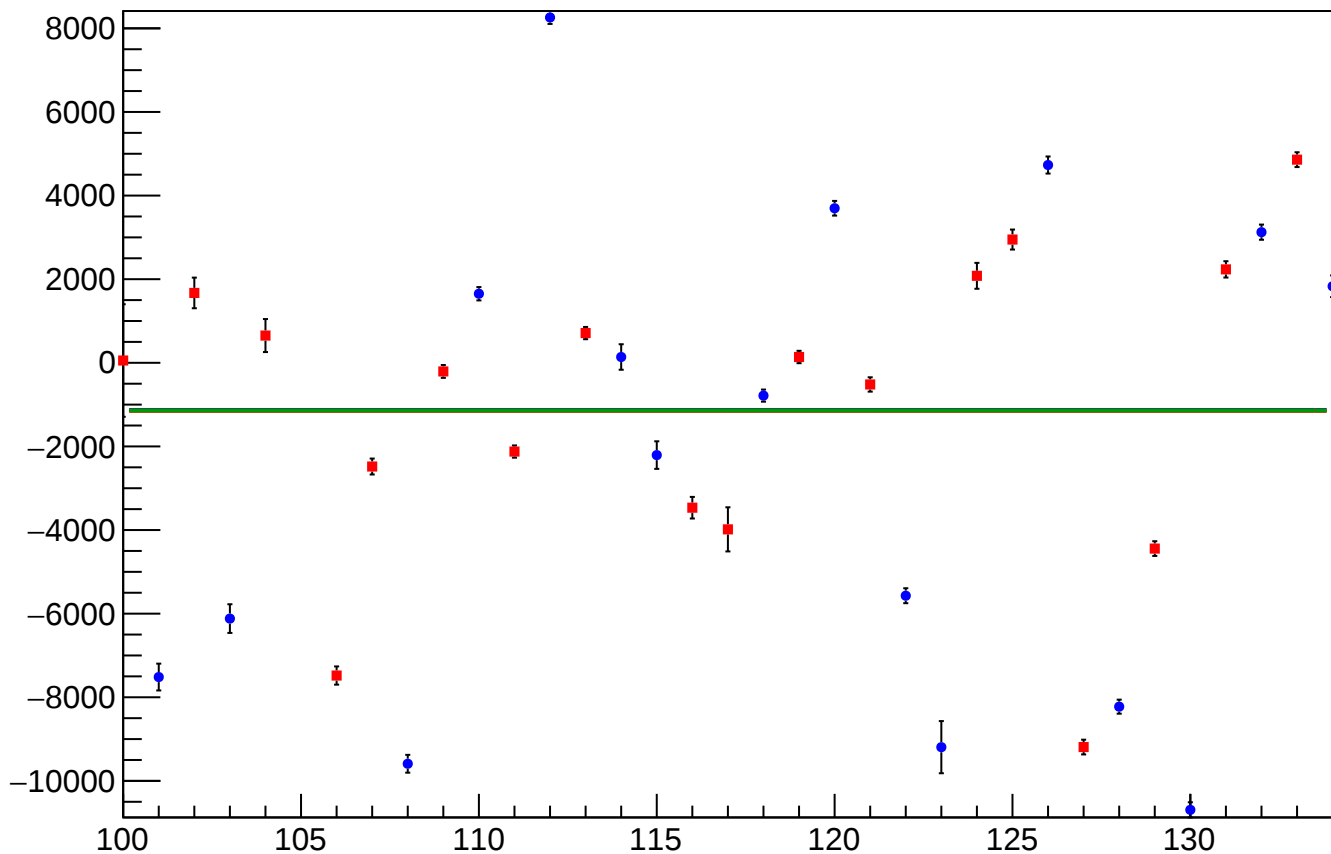
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

224.429+/-0.068 χ^2/NDF : 632501.8/15

218.227+/-0.046 χ^2/NDF : 1508731.7/33

213.093+/-0.062 χ^2/NDF : 861113.2/17

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1128.390+/-50.616 χ^2/NDF : 13813.2/15

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

Right Out: -1148.541+/-47.282 χ^2/NDF : 5696.7/17

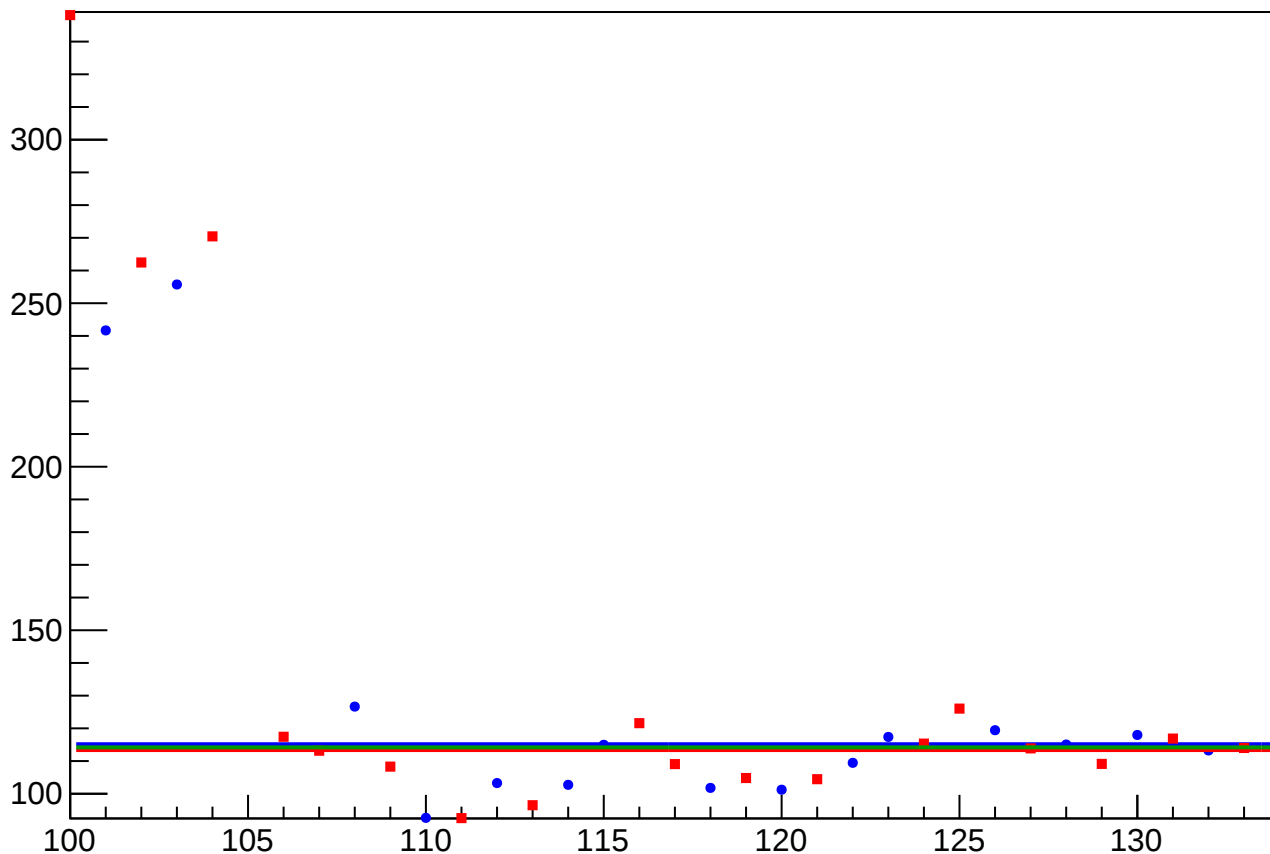
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1128.390+/-50.616 χ^2/NDF : 13813.2/15

-1139.151+/-34.552 χ^2/NDF : 19510.0/33

-1148.541+/-47.282 χ^2/NDF : 5696.7/17

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.142 $\pm$ 0.036 χ^2 /NDF: 741793.9/15

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

Right Out: 113.362 $\pm$ 0.033 χ^2 /NDF: 795127.7/17

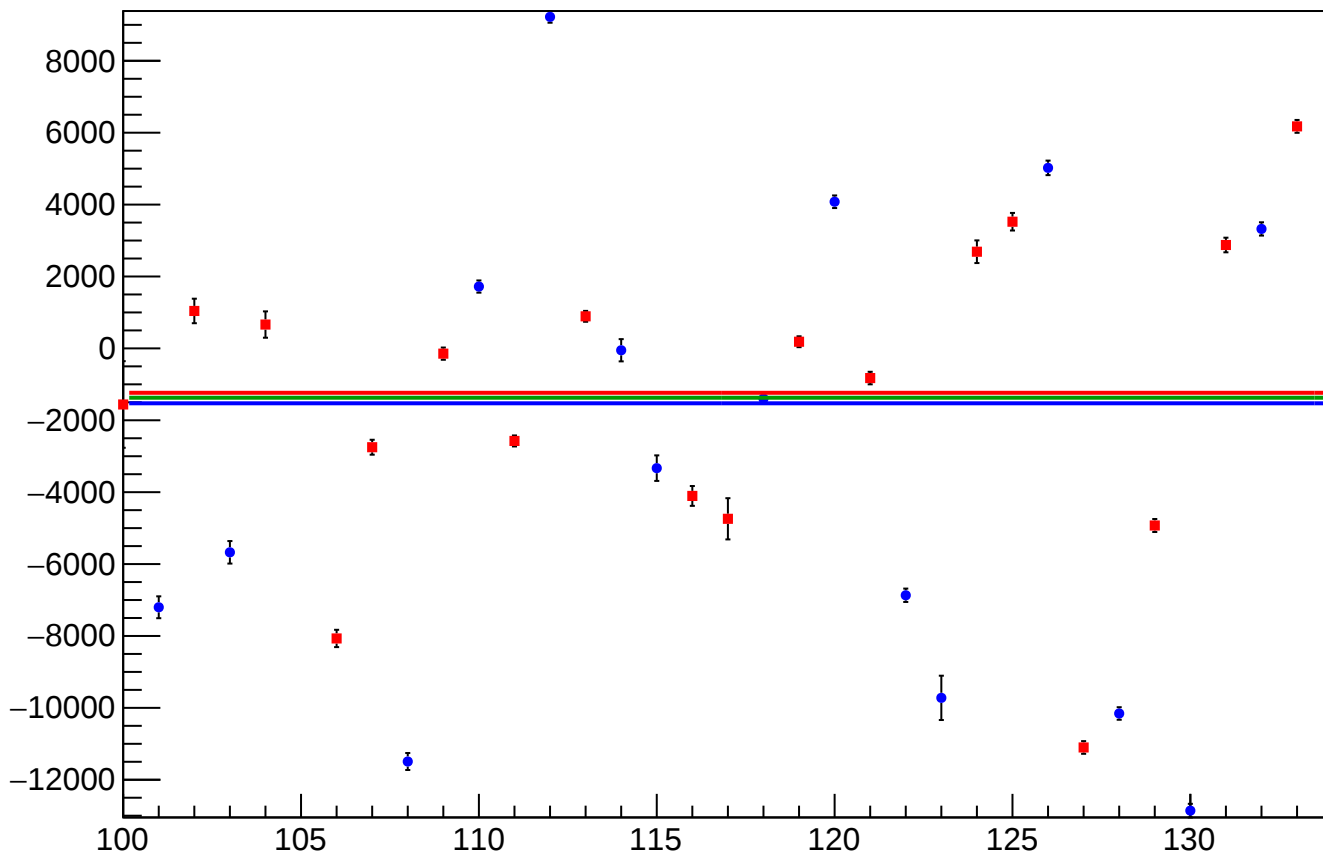
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

115.142 $\pm$ 0.036 χ^2 /NDF: 741793.9/15

114.191 $\pm$ 0.024 χ^2 /NDF: 1538242.7/33

113.362 $\pm$ 0.033 χ^2 /NDF: 795127.7/17

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1527.485 ± 52.130 χ^2/NDF : 17009.8/15

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

Right Out: -1235.182 ± 49.045 χ^2/NDF : 7689.5/17

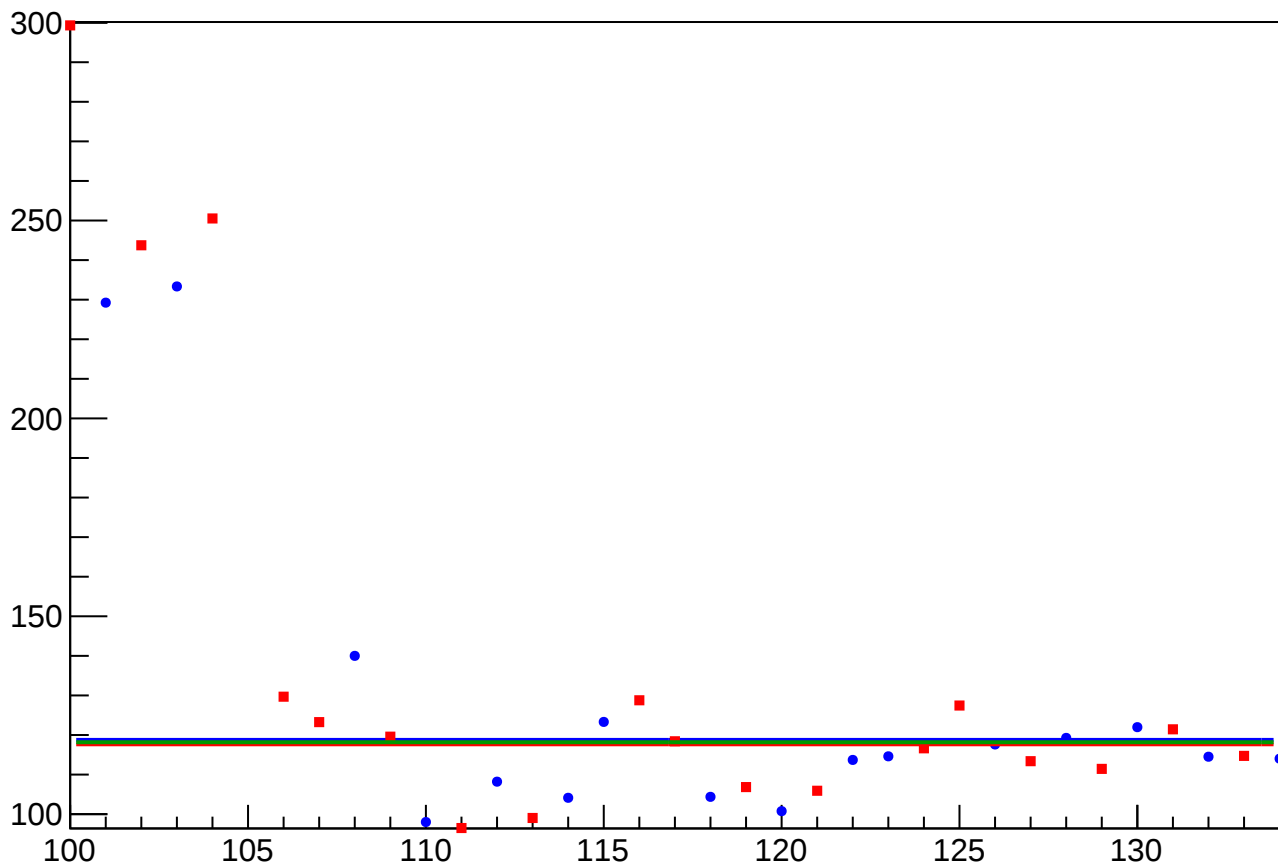
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1527.485 ± 52.130 χ^2/NDF : 17009.8/15

-1372.428 ± 35.721 χ^2/NDF : 24716.0/33

-1235.182 ± 49.045 χ^2/NDF : 7689.5/17

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.762 $\pm$ 0.037 χ^2 /NDF: 634547.3/15

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

Right Out: 117.660 $\pm$ 0.035 χ^2 /NDF: 687483.0/17

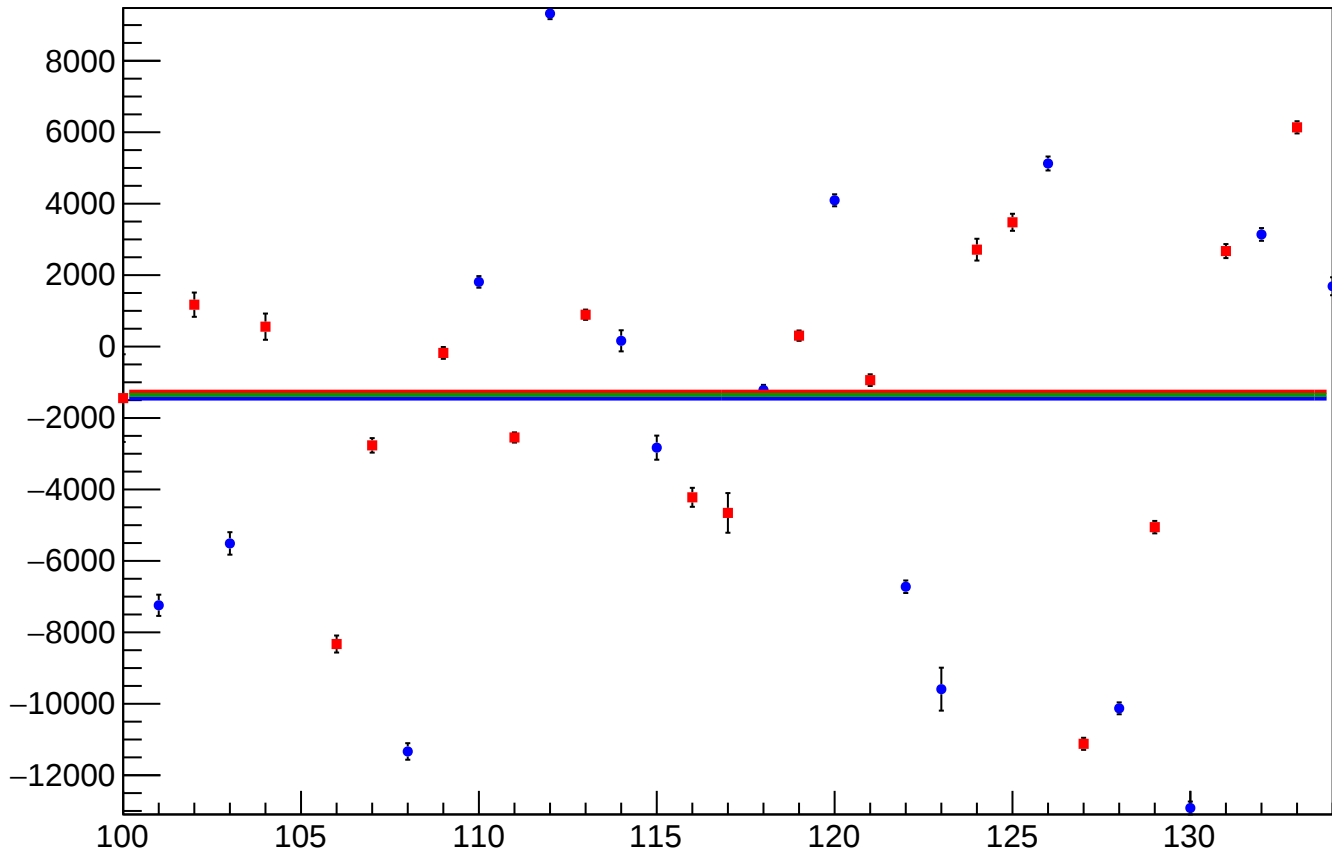
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

118.762 $\pm$ 0.037 χ^2 /NDF: 634547.3/15

118.177 $\pm$ 0.025 χ^2 /NDF: 1322504.5/33

117.660 $\pm$ 0.035 χ^2 /NDF: 687483.0/17

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1455.654+/-49.993 χ^2/NDF : 18492.0/15

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

Right Out: -1262.651+/-47.013 χ^2/NDF : 8377.2/17

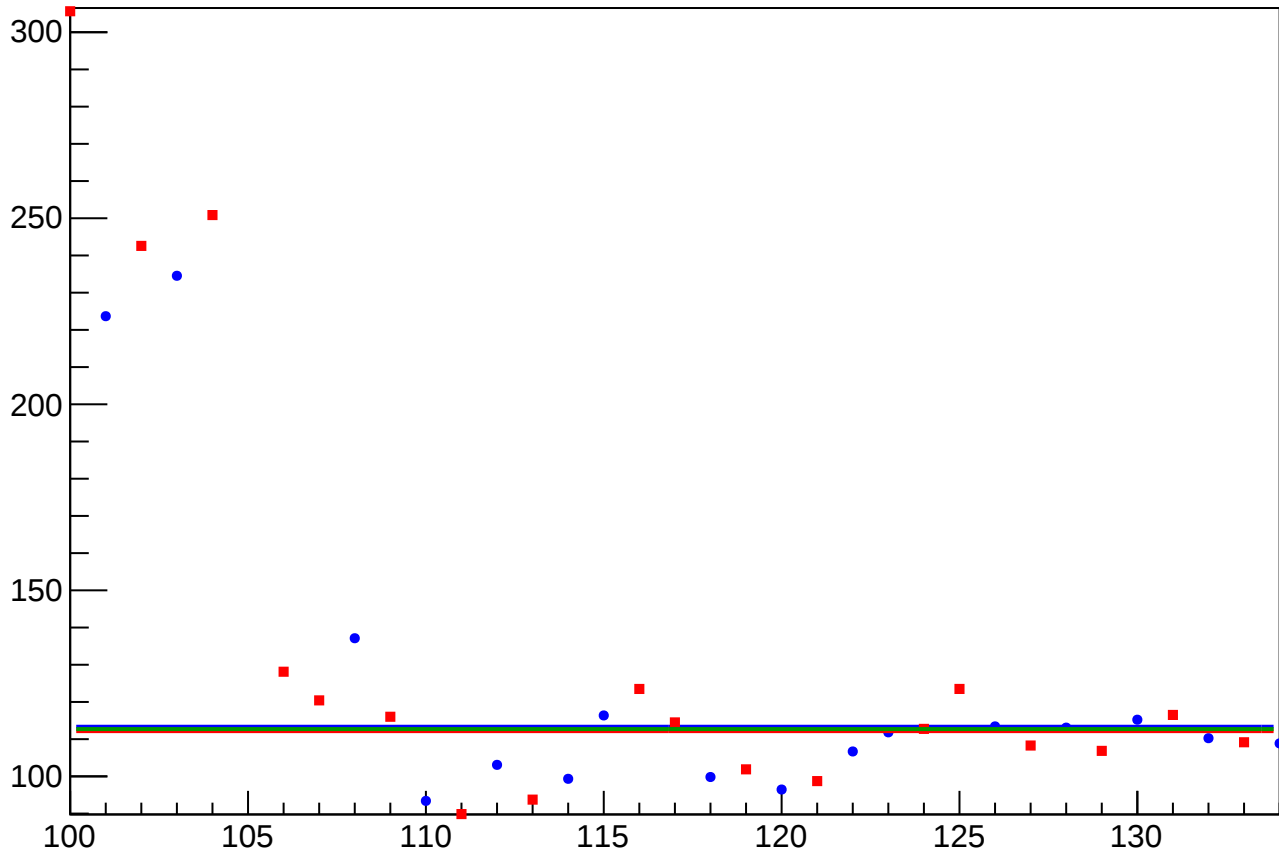
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1455.654+/-49.993 χ^2/NDF : 18492.0/15

-1353.230+/-34.248 χ^2/NDF : 26877.1/33

-1262.651+/-47.013 χ^2/NDF : 8377.2/17

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.337 $\pm$ 0.035 χ^2 /NDF: 679389.5/15

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

Right Out: 112.162 $\pm$ 0.033 χ^2 /NDF: 761528.7/17

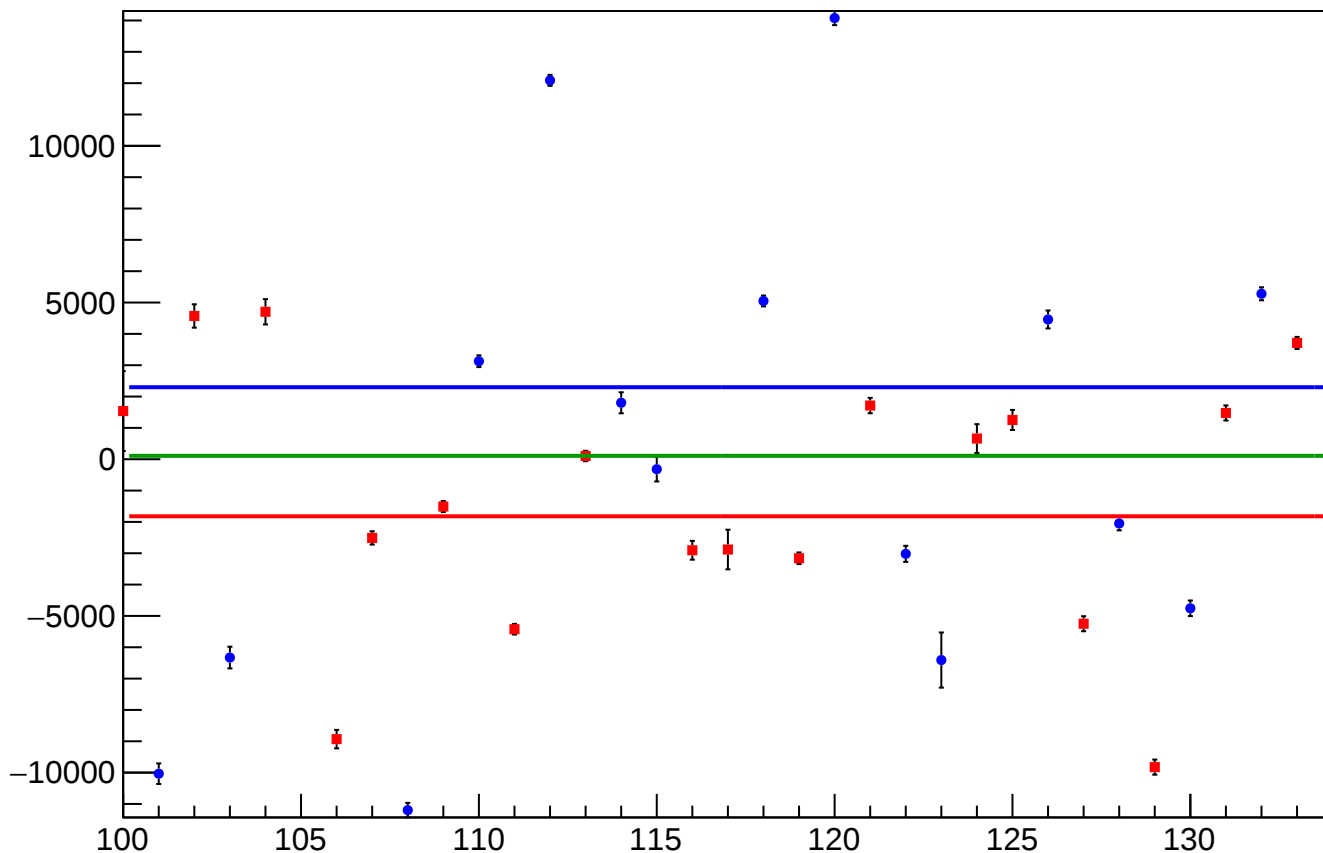
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.337 $\pm$ 0.035 χ^2 /NDF: 679389.5/15

112.713 $\pm$ 0.024 χ^2 /NDF: 1441503.7/33

112.162 $\pm$ 0.033 χ^2 /NDF: 761528.7/17

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2297.930+/-61.228 χ^2/NDF : 13555.7/15

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

Right Out: -1820.772+/-57.479 χ^2/NDF : 4446.5/17

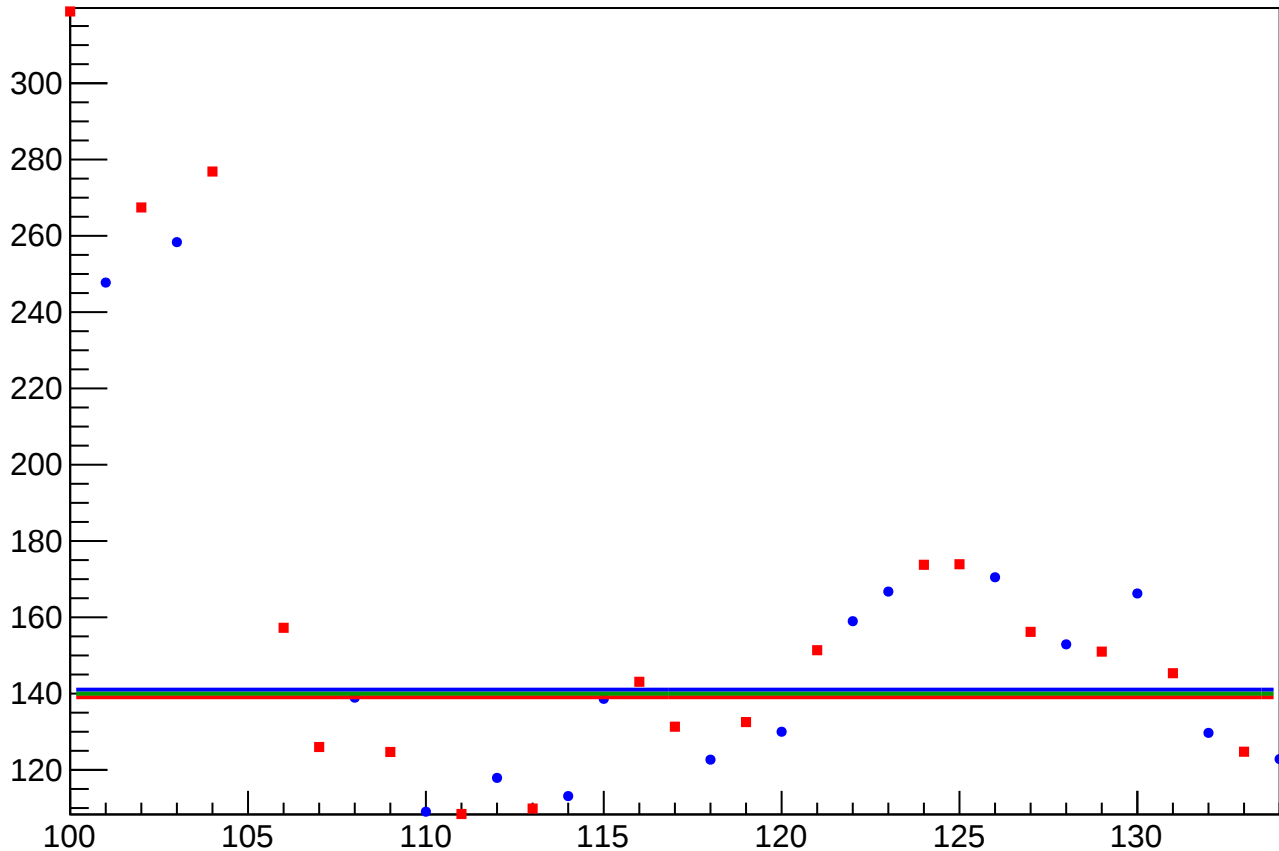
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2297.930+/-61.228 χ^2/NDF : 13555.7/15

108.643+/-41.906 χ^2/NDF : 20407.5/33

-1820.772+/-57.479 χ^2/NDF : 4446.5/17

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.030+/-0.043 χ^2/NDF : 648510.5/15

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

Right Out: 139.051+/-0.041 χ^2/NDF : 735352.3/17

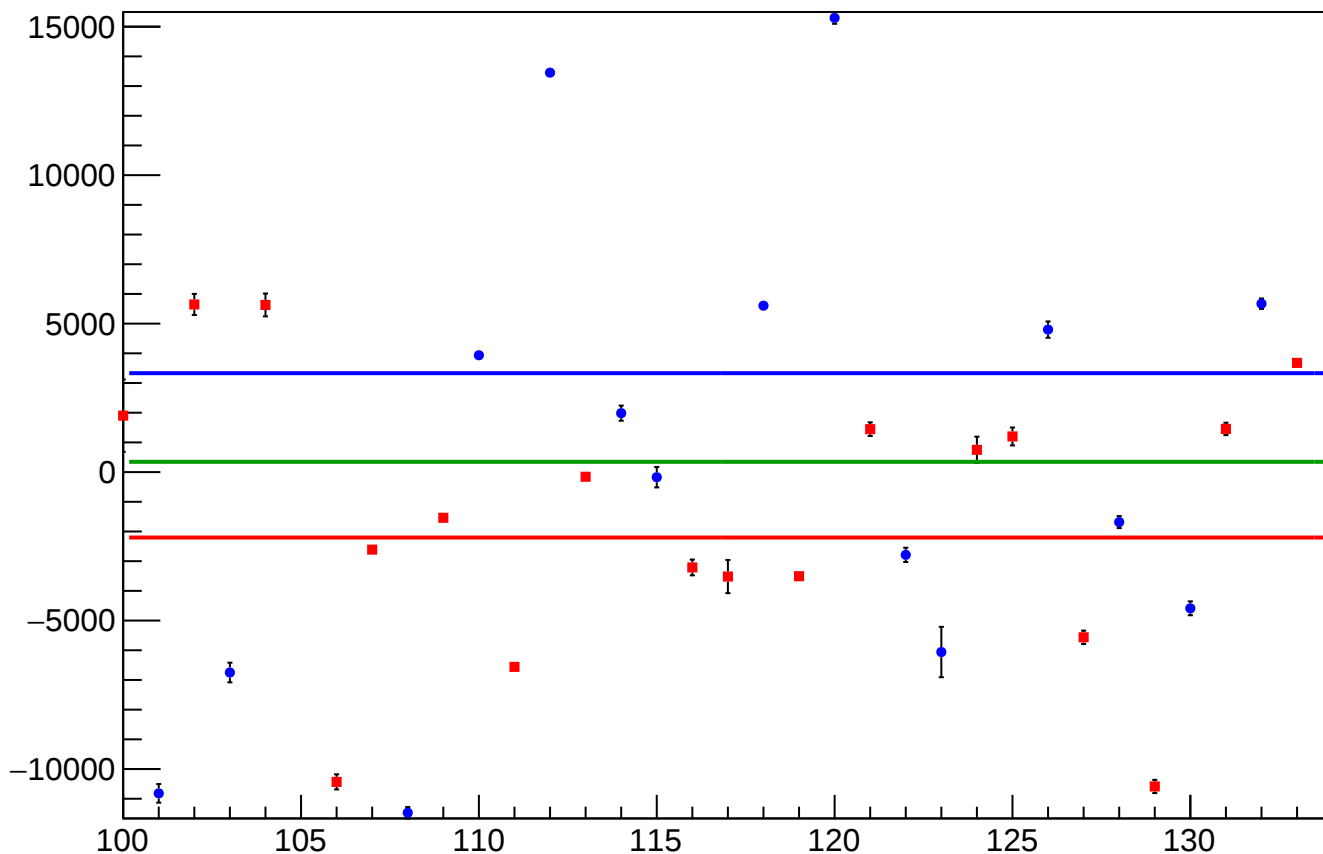
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.030+/-0.043 χ^2/NDF : 648510.5/15

139.978+/-0.030 χ^2/NDF : 1384973.2/33

139.051+/-0.041 χ^2/NDF : 735352.3/17

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3331.558+/-51.352 χ^2/NDF : 21574.2/15

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

Right Out: -2203.435+/-47.455 χ^2/NDF : 7370.2/17

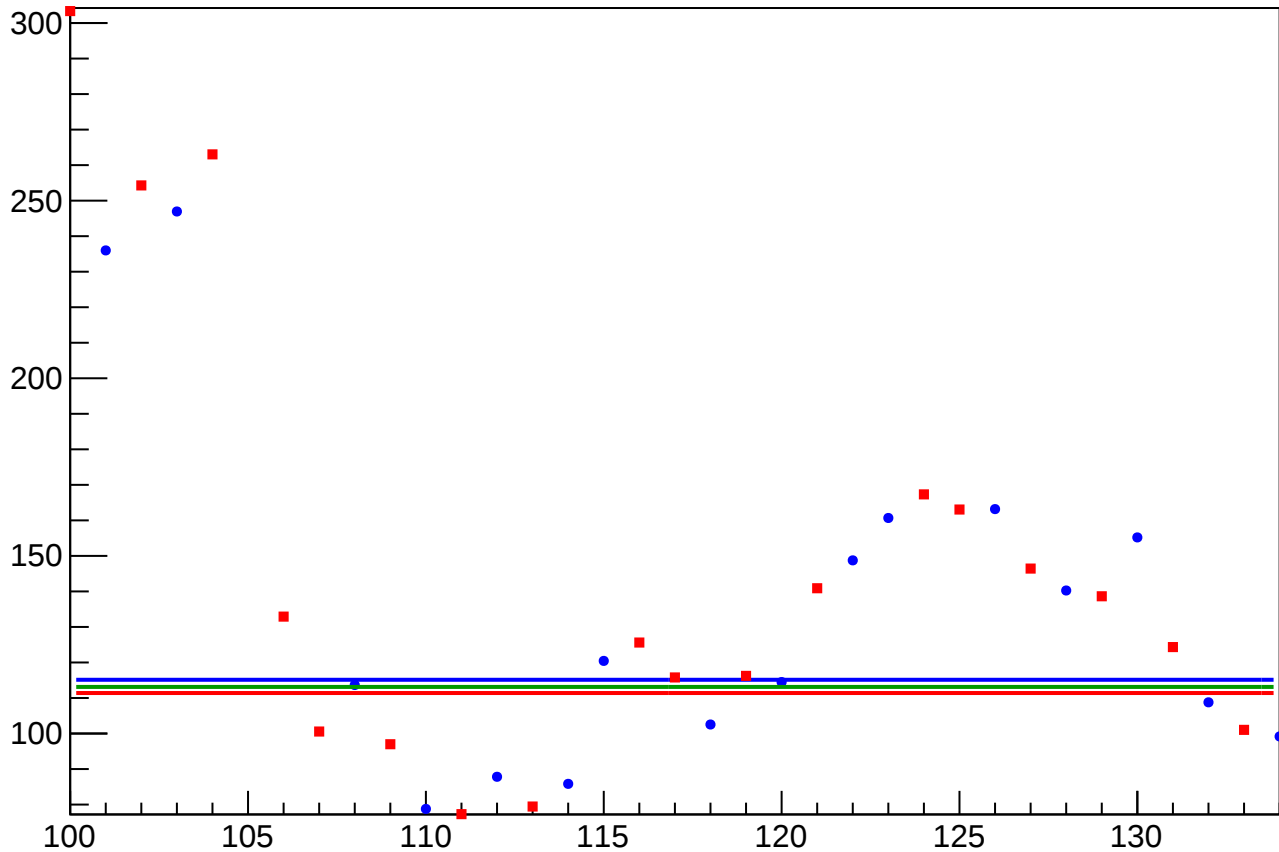
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3331.558+/-51.352 χ^2/NDF : 21574.2/15

346.140+/-34.852 χ^2/NDF : 35210.7/33

-2203.435+/-47.455 χ^2/NDF : 7370.2/17

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 115.131+/-0.036 χ^2/NDF : 1090090.9/15

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

Right Out: 111.400+/-0.034 χ^2/NDF : 1245616.4/17

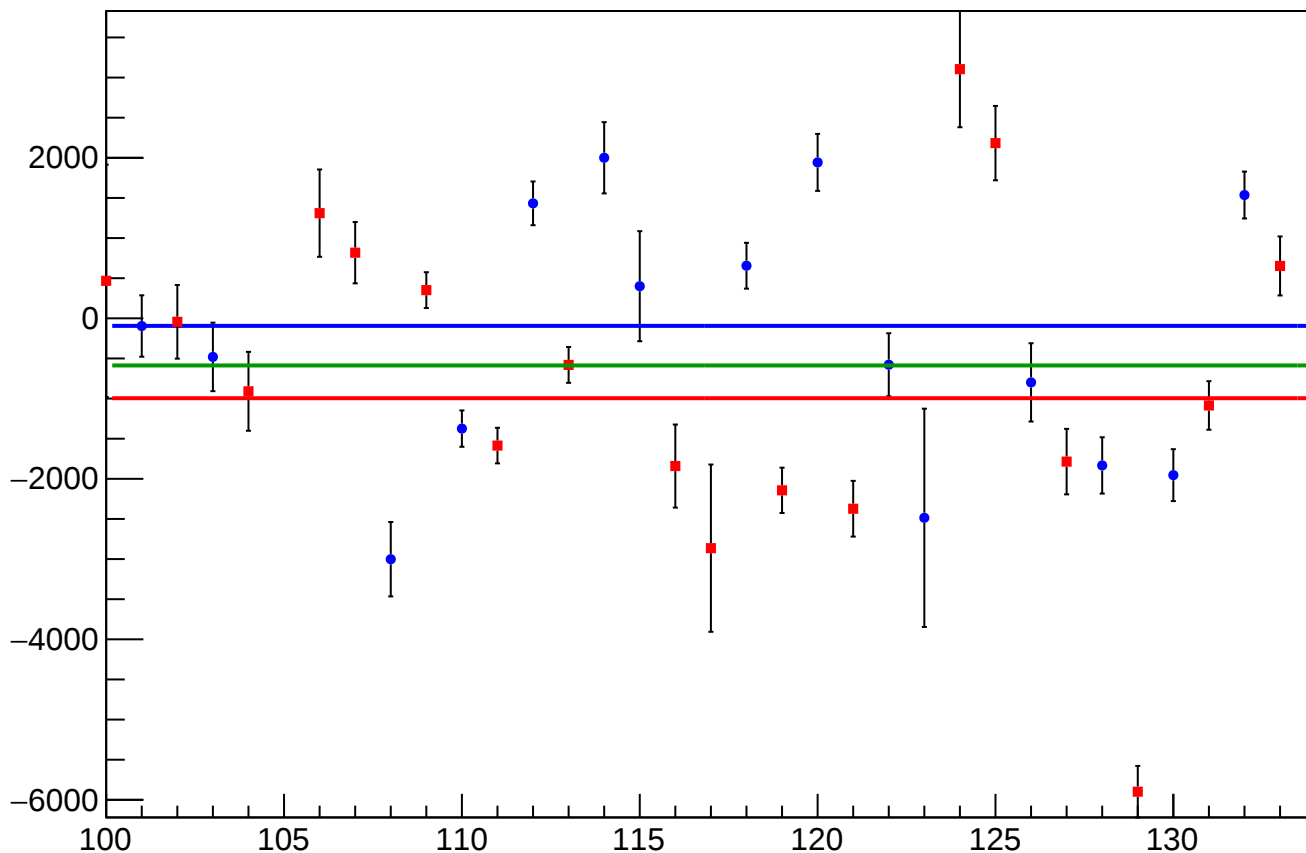
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.131+/-0.036 χ^2/NDF : 1090090.9/15

113.119+/-0.025 χ^2/NDF : 2341399.8/33

111.400+/-0.034 χ^2/NDF : 1245616.4/17

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -93.991 ± 90.909 χ^2/NDF : 265.1/15

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

Right Out: -995.474 ± 82.711 χ^2/NDF : 467.1/17

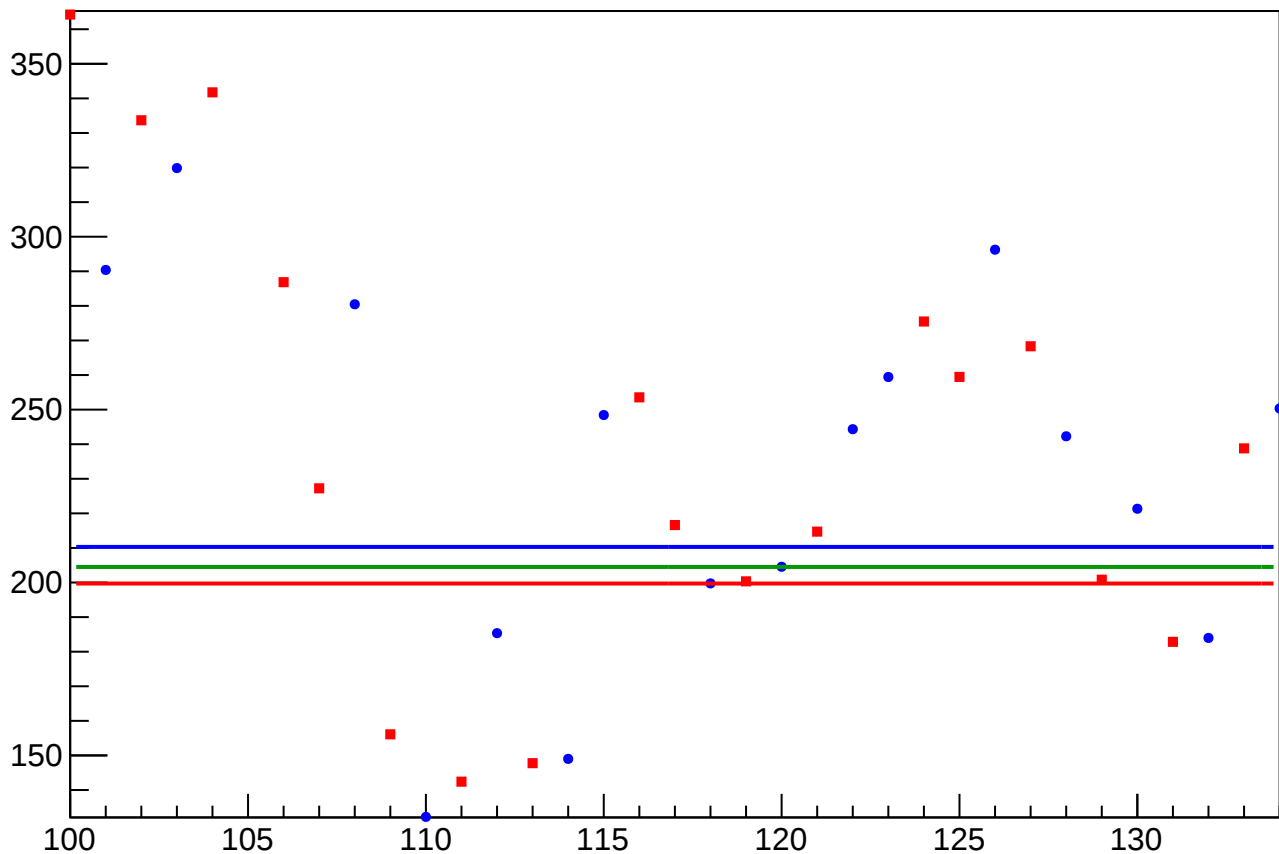
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-93.991 ± 90.909 χ^2/NDF : 265.1/15

-587.201 ± 61.179 χ^2/NDF : 786.1/33

-995.474 ± 82.711 χ^2/NDF : 467.1/17

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 210.300+/-0.064 χ^2/NDF : 691943.3/15

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

Right Out: 199.710+/-0.058 χ^2/NDF : 909407.6/17

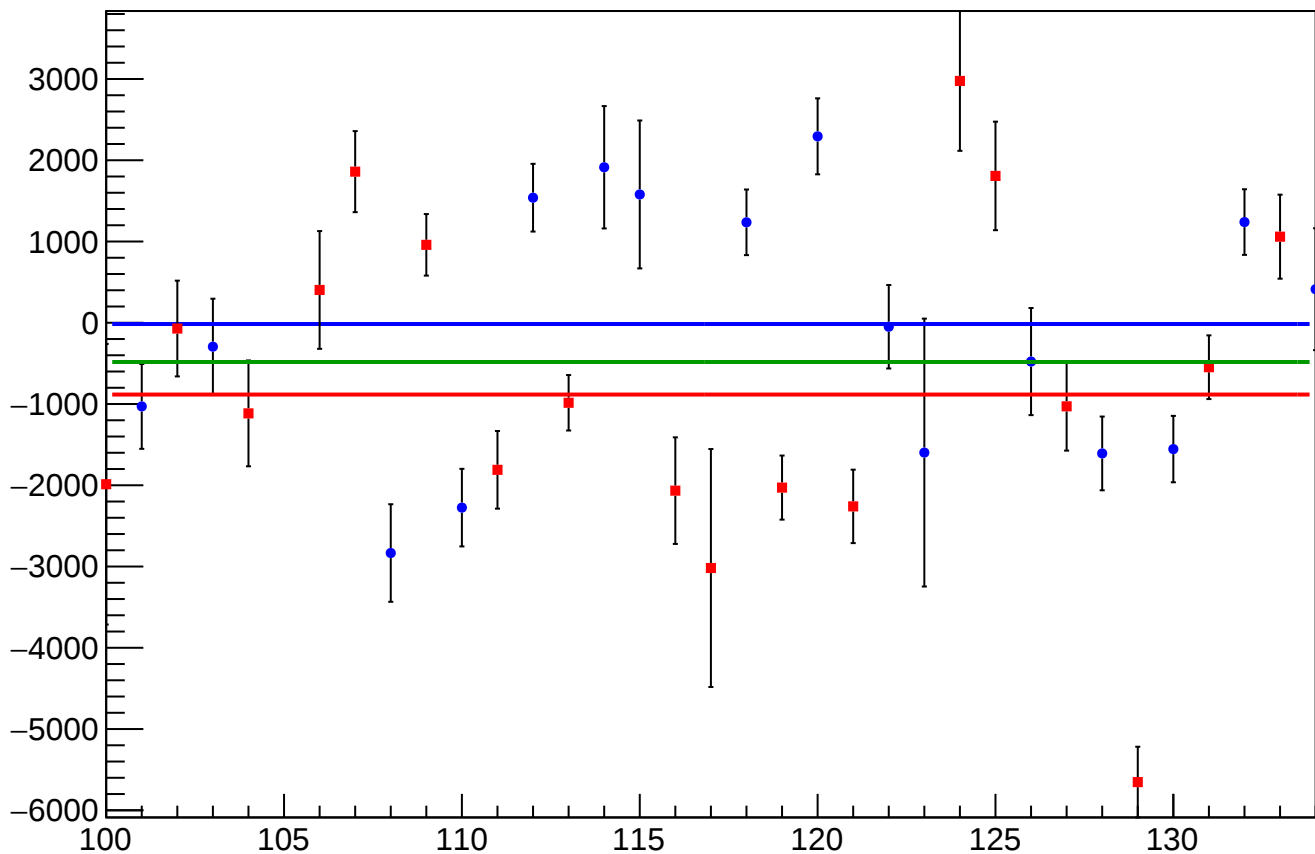
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

210.300+/-0.064 χ^2/NDF : 691943.3/15

204.506+/-0.043 χ^2/NDF : 1616200.8/33

199.710+/-0.058 χ^2/NDF : 909407.6/17

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -15.514 ± 130.915 χ^2/NDF : 143.9/15

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

Right Out: -883.463 ± 121.223 χ^2/NDF : 257.9/17

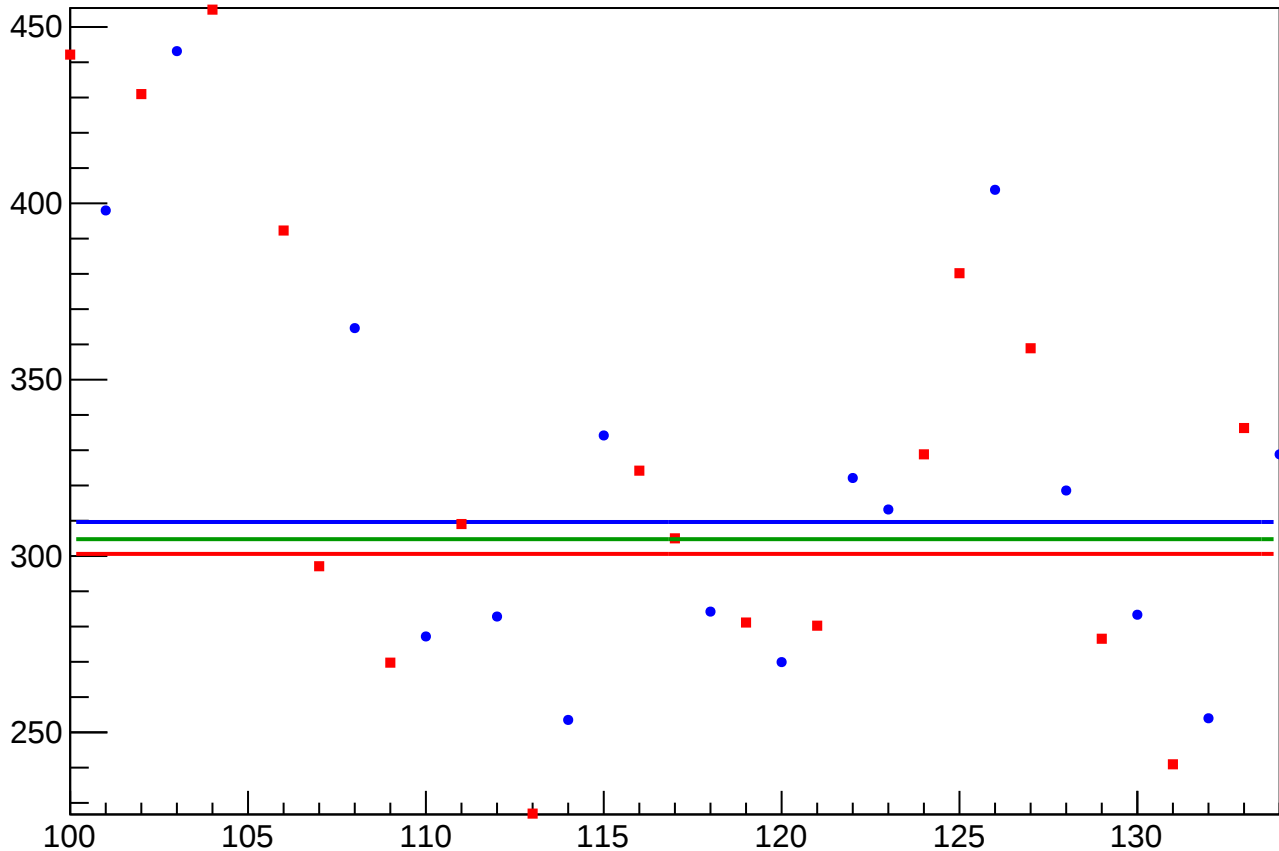
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.514 ± 130.915 χ^2/NDF : 143.9/15

-482.803 ± 88.947 χ^2/NDF : 425.4/33

-883.463 ± 121.223 χ^2/NDF : 257.9/17

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 309.650+/-0.093 χ^2/NDF : 319158.7/15

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

Right Out: 300.600+/-0.086 χ^2/NDF : 489793.1/17

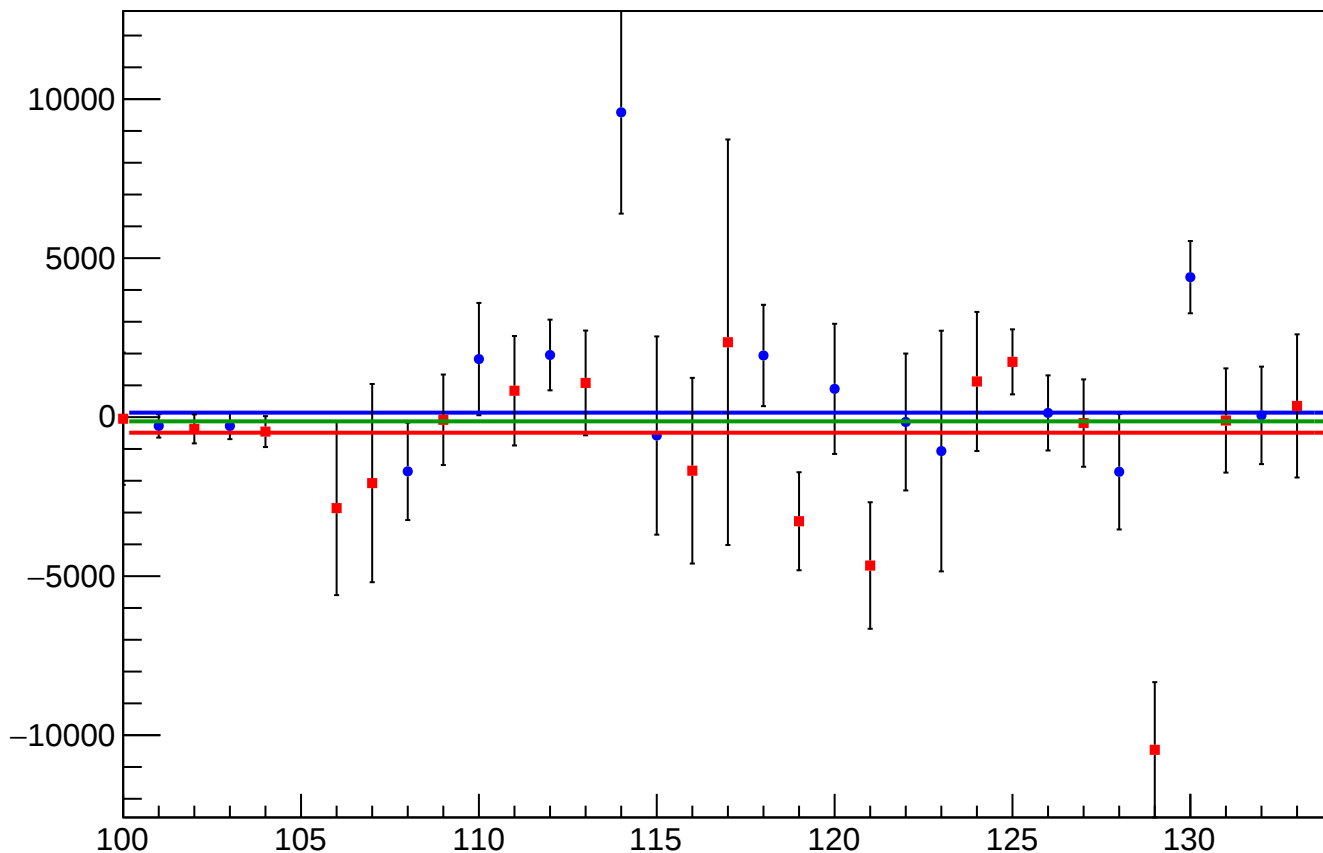
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

309.650+/-0.093 χ^2/NDF : 319158.7/15

304.778+/-0.063 χ^2/NDF : 814097.5/33

300.600+/-0.086 χ^2/NDF : 489793.1/17

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 141.945+/-234.200 χ^2/NDF : 32.9/15

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

Right Out: -488.480+/-267.118 χ^2/NDF : 38.2/17

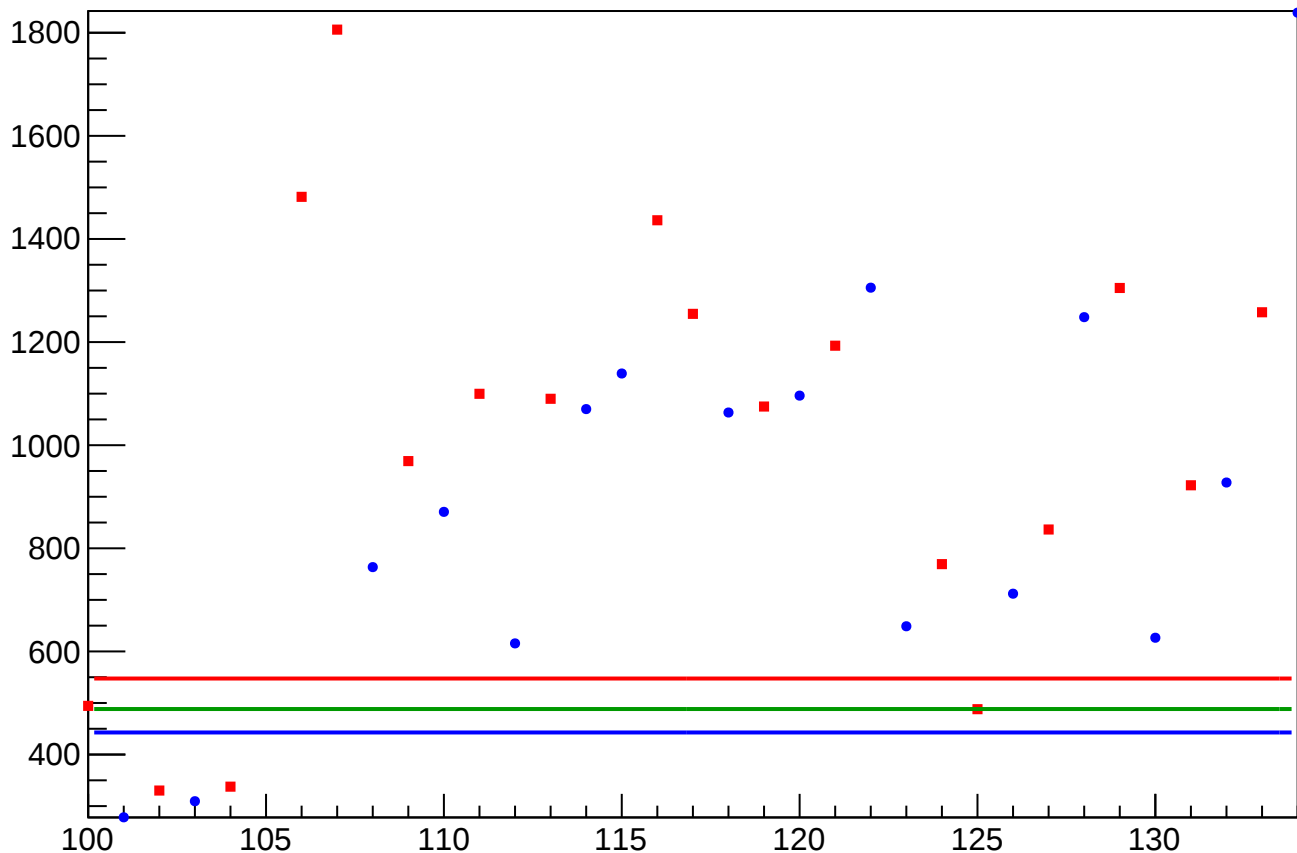
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.945+/-234.200 χ^2/NDF : 32.9/15

-132.050+/-176.099 χ^2/NDF : 74.3/33

-488.480+/-267.118 χ^2/NDF : 38.2/17

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 442.814+/-0.166 χ^2/NDF : 2818993.4/15

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

Right Out: 547.456+/-0.189 χ^2/NDF : 3314339.0/17

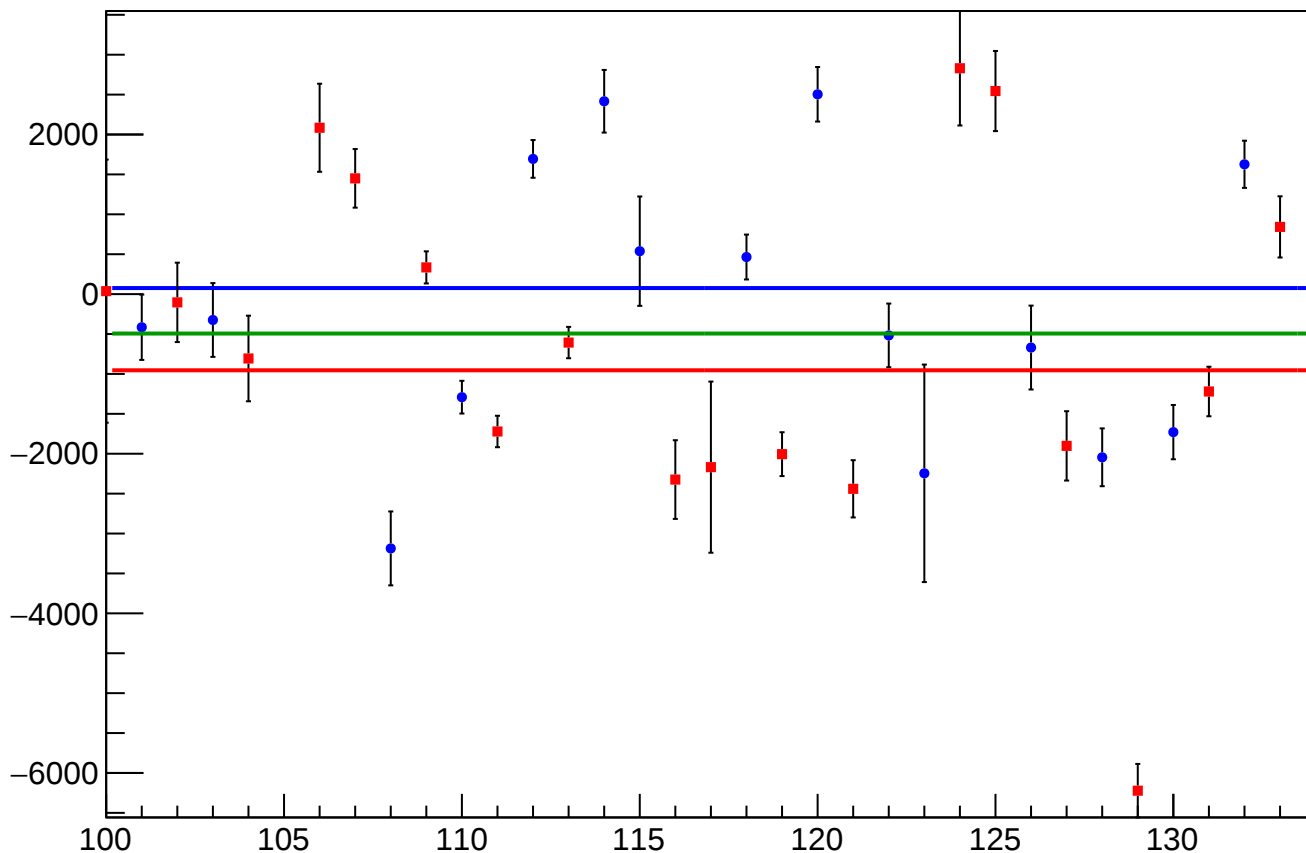
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

442.814+/-0.166 χ^2/NDF : 2818993.4/15

488.293+/-0.125 χ^2/NDF : 6306862.5/33

547.456+/-0.189 χ^2/NDF : 3314339.0/17

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 76.099+/-88.410 χ^2/NDF : 332.6/15

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

Right Out: -954.442+/-79.473 χ^2/NDF : 527.4/17

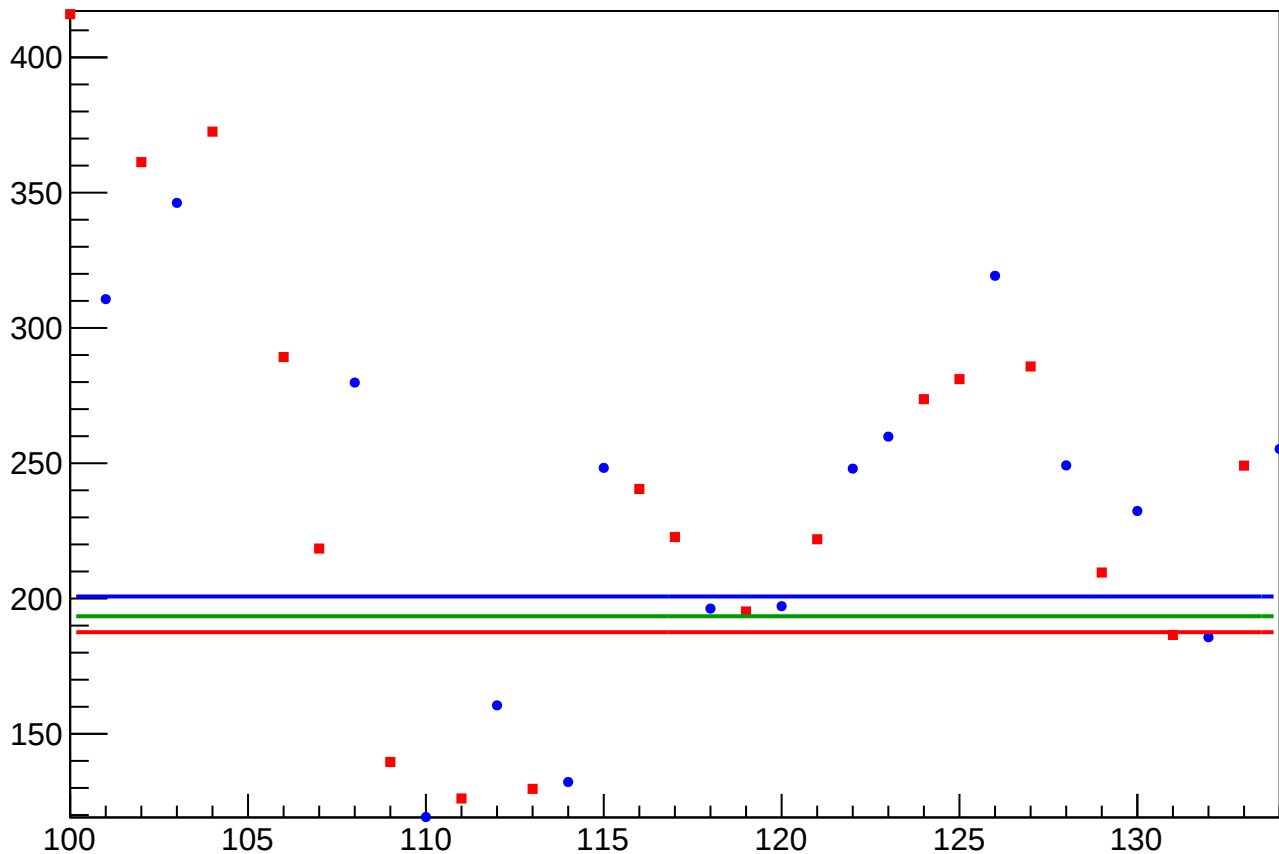
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

76.099+/-88.410 χ^2/NDF : 332.6/15

-493.876+/-59.104 χ^2/NDF : 935.1/33

-954.442+/-79.473 χ^2/NDF : 527.4/17

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

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

Right Out: 187.564 $\pm$ 0.056 χ^2 /NDF: 1390591.8/17

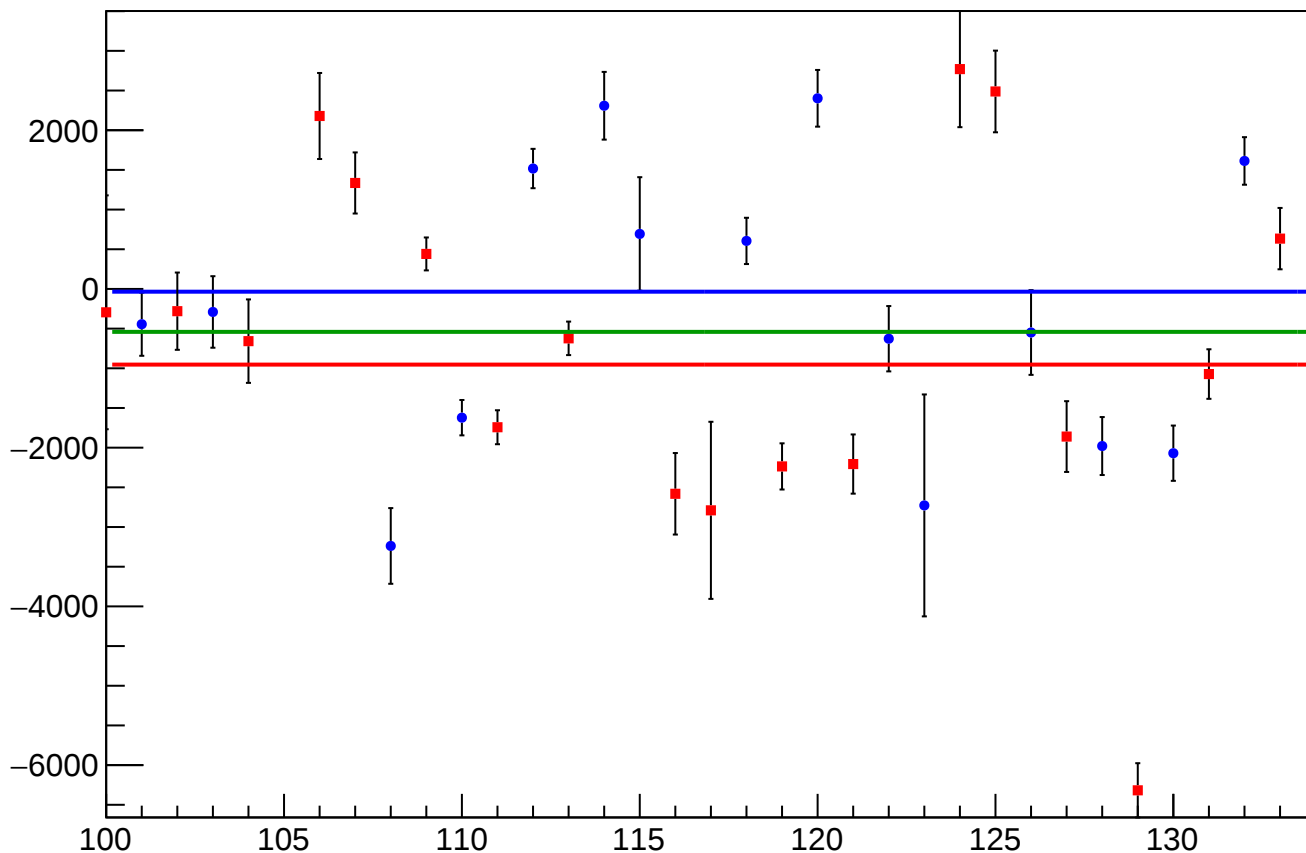
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

193.462 $\pm$ 0.042 χ^2 /NDF: 2470454.8/33

187.564 $\pm$ 0.056 χ^2 /NDF: 1390591.8/17

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -34.655 ± 91.770 χ^2/NDF : 322.5/15

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

Right Out: -953.399 ± 82.837 χ^2/NDF : 513.9/17

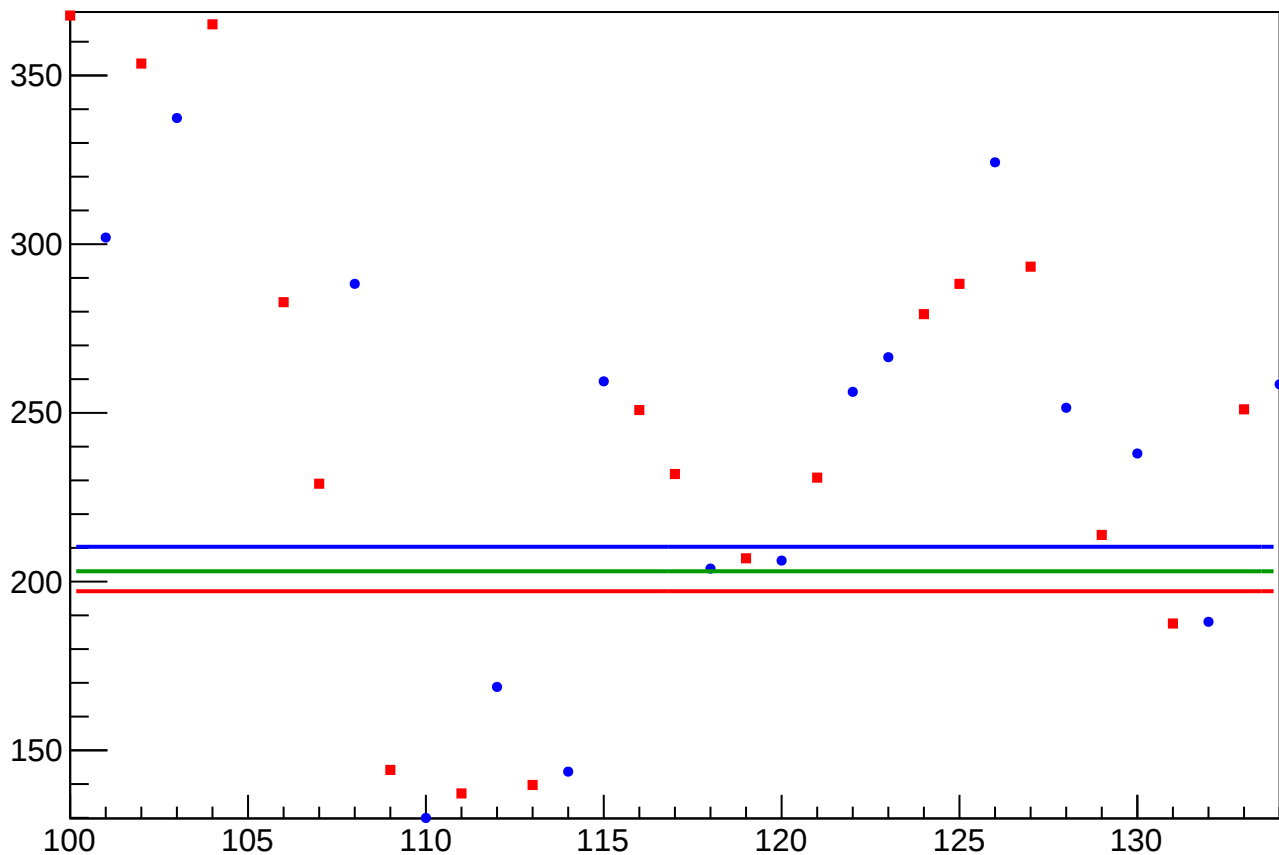
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.655 ± 91.770 χ^2/NDF : 322.5/15

-540.910 ± 61.491 χ^2/NDF : 891.7/33

-953.399 ± 82.837 χ^2/NDF : 513.9/17

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.324+/-0.065 χ^2/NDF : 875603.1/15

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

Right Out: 197.155+/-0.059 χ^2/NDF : 1204820.7/17

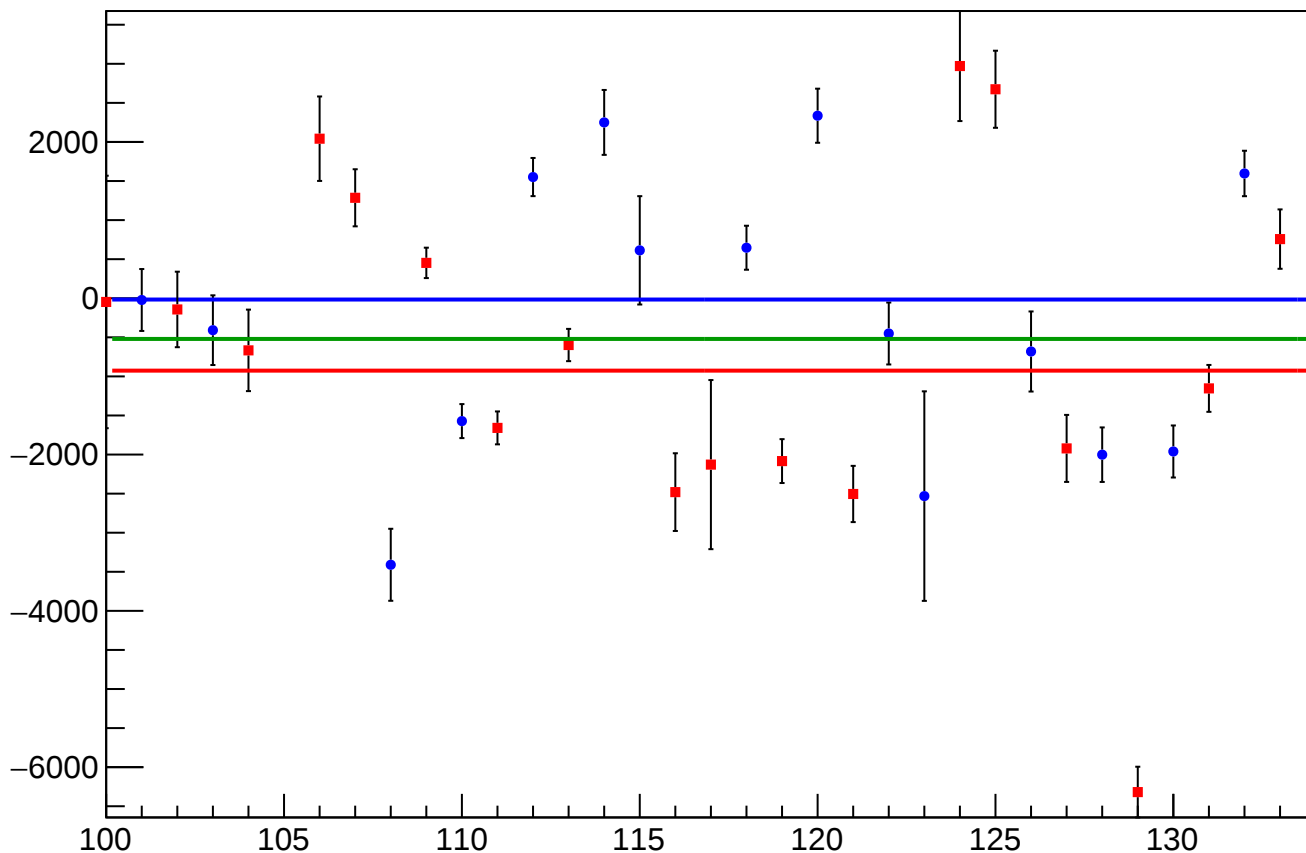
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

210.324+/-0.065 χ^2/NDF : 875603.1/15

203.067+/-0.043 χ^2/NDF : 2103117.7/33

197.155+/-0.059 χ^2/NDF : 1204820.7/17

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -16.371 ± 89.216 χ^2/NDF : 337.8/15

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

Right Out: -926.112 ± 80.026 χ^2/NDF : 567.8/17

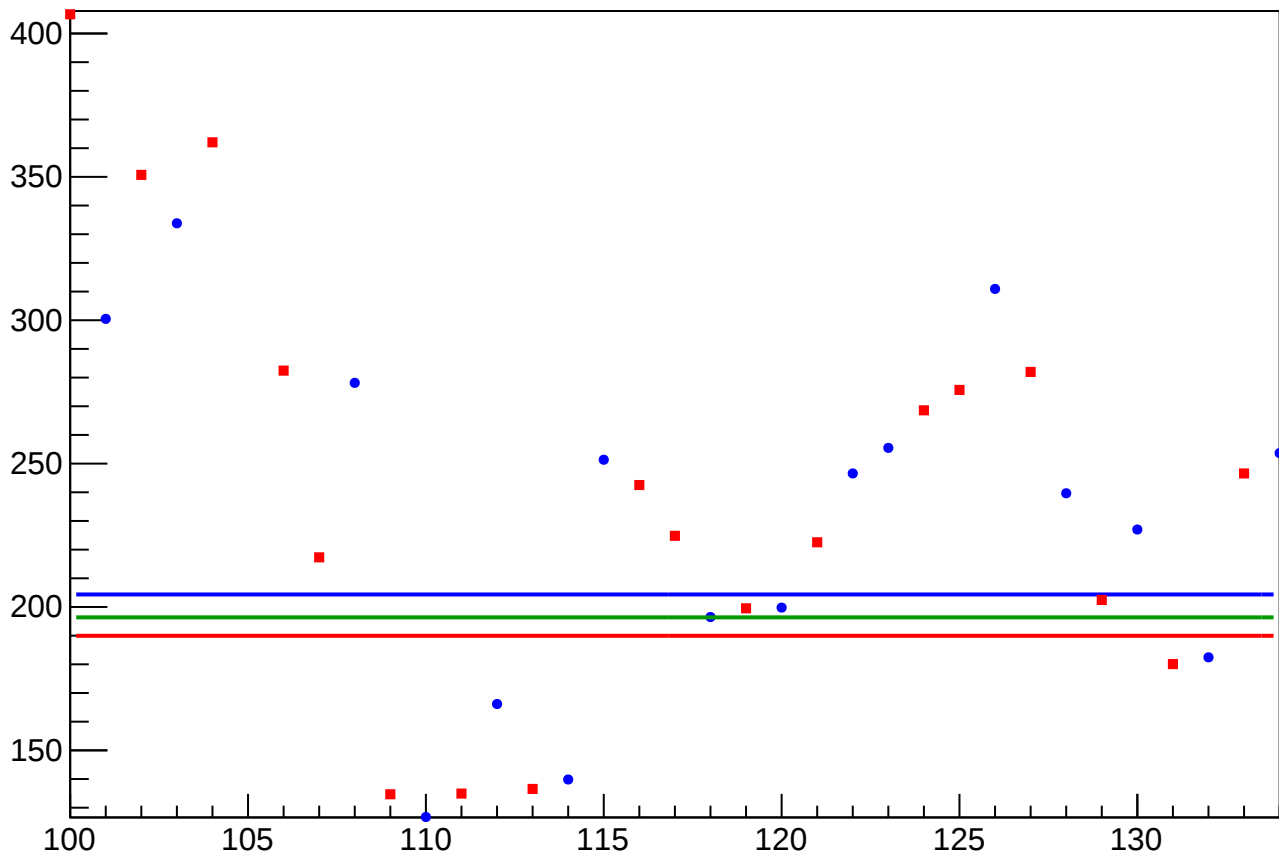
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-16.371 ± 89.216 χ^2/NDF : 337.8/15

-520.497 ± 59.572 χ^2/NDF : 963.2/33

-926.112 ± 80.026 χ^2/NDF : 567.8/17

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.367+/-0.063 χ^2/NDF : 868242.4/15

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

Right Out: 189.954+/-0.057 χ^2/NDF : 1247316.2/17

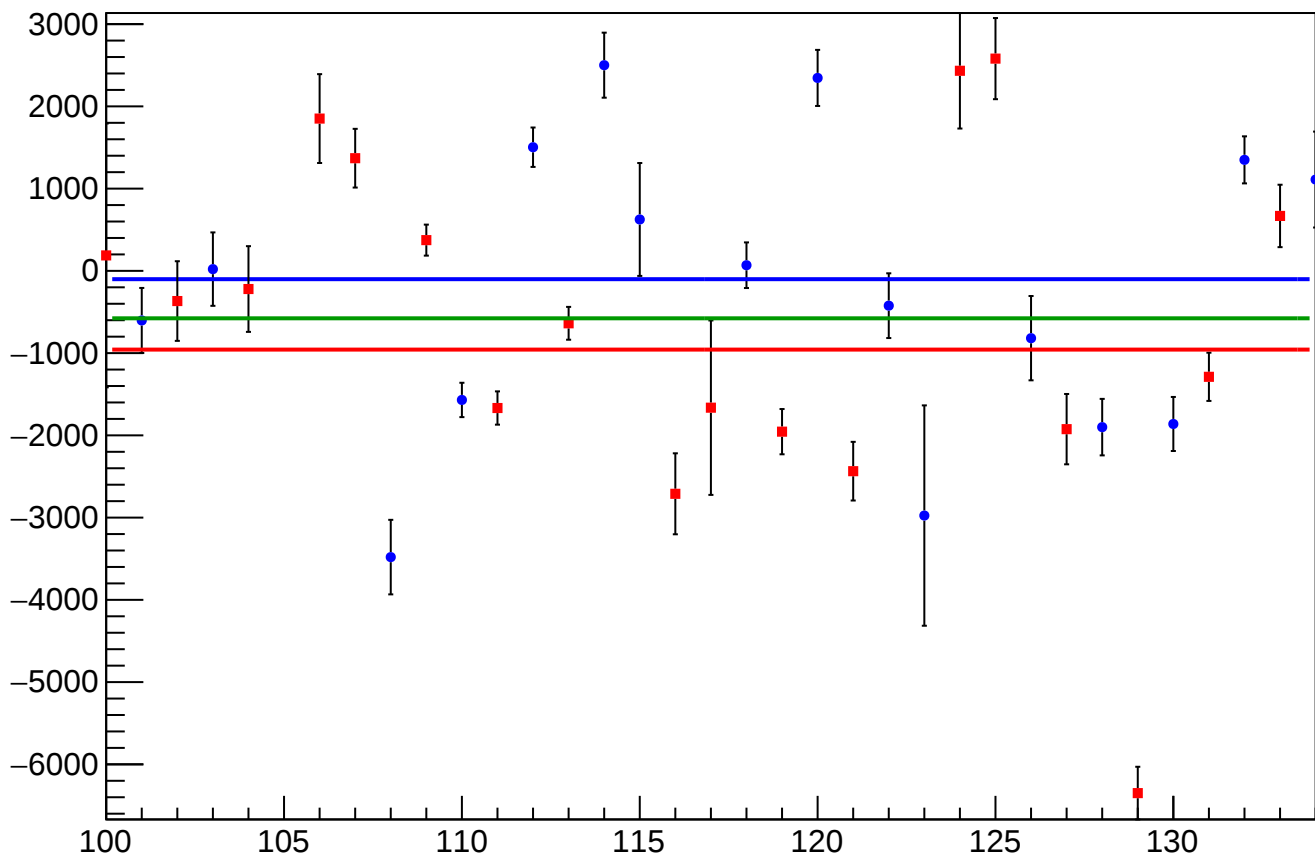
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.367+/-0.063 χ^2/NDF : 868242.4/15

196.380+/-0.042 χ^2/NDF : 2144483.4/33

189.954+/-0.057 χ^2/NDF : 1247316.2/17

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -101.040+/-87.536 χ^2/NDF : 341.3/15

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

Right Out: -957.205+/-78.262 χ^2/NDF : 564.7/17

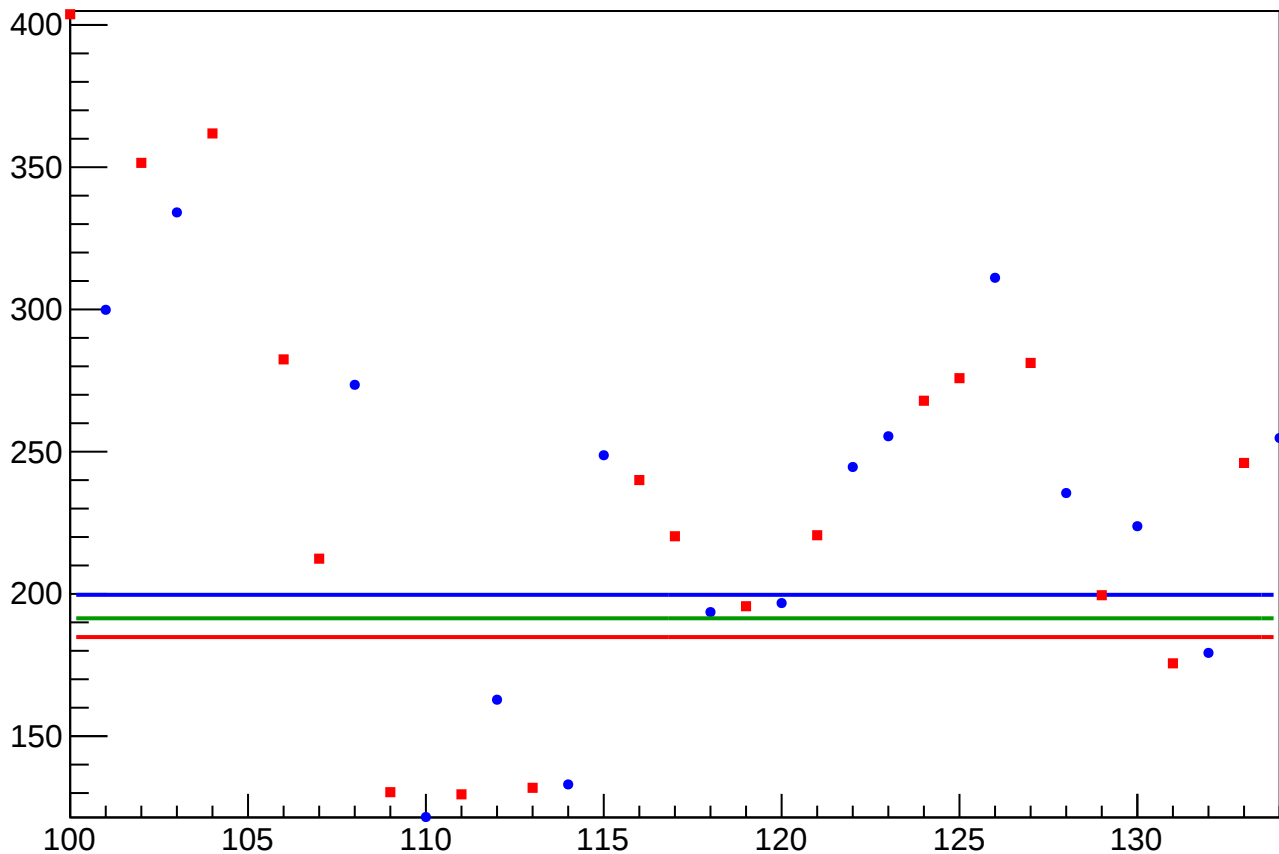
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-101.040+/-87.536 χ^2/NDF : 341.3/15

-576.863+/-58.344 χ^2/NDF : 959.2/33

-957.205+/-78.262 χ^2/NDF : 564.7/17

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.683+/-0.062 χ^2/NDF : 943154.7/15

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

Right Out: 184.832+/-0.055 χ^2/NDF : 1346323.1/17

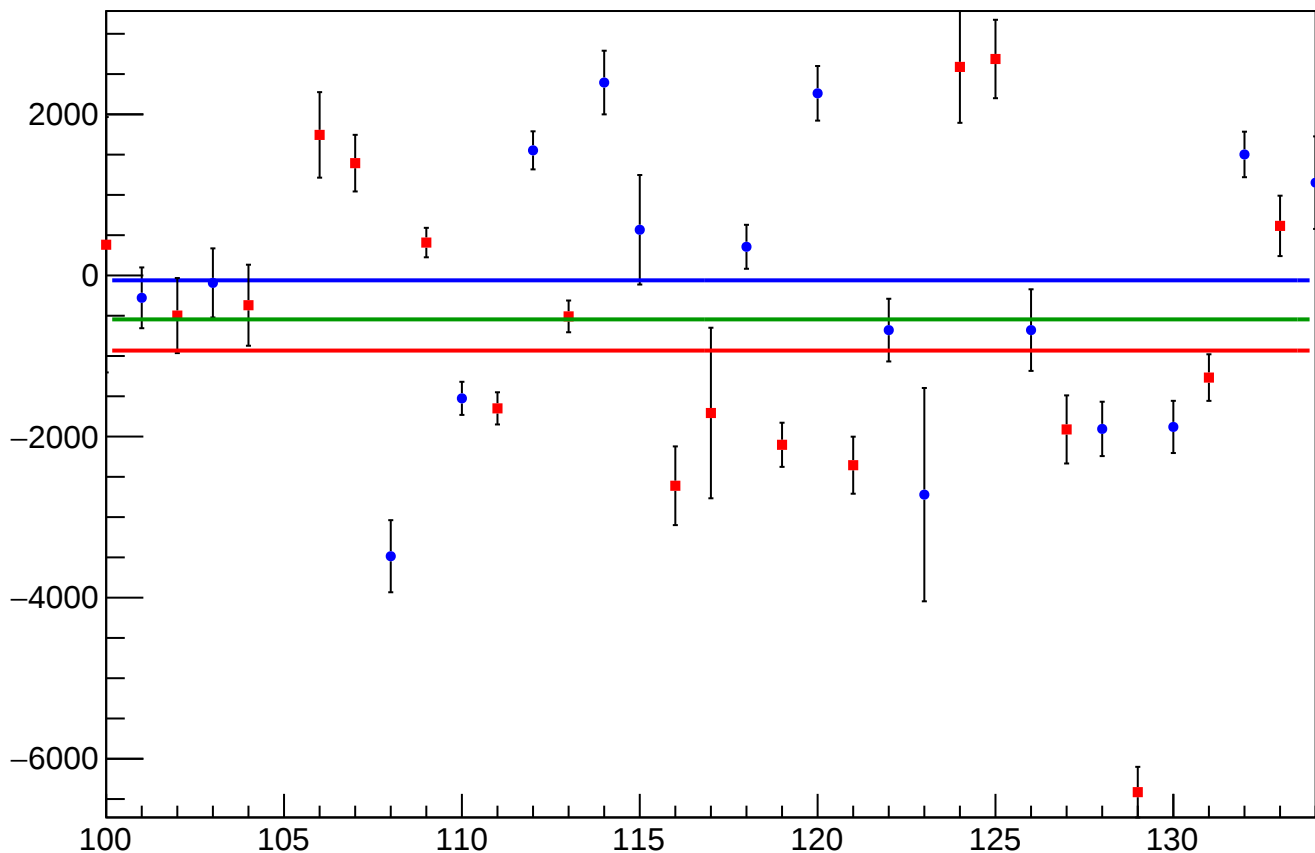
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.683+/-0.062 χ^2/NDF : 943154.7/15

191.429+/-0.041 χ^2/NDF : 2321473.5/33

184.832+/-0.055 χ^2/NDF : 1346323.1/17

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -60.571 ± 86.165 χ^2/NDF : 349.7/15

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

Right Out: -932.407 ± 76.979 χ^2/NDF : 599.4/17

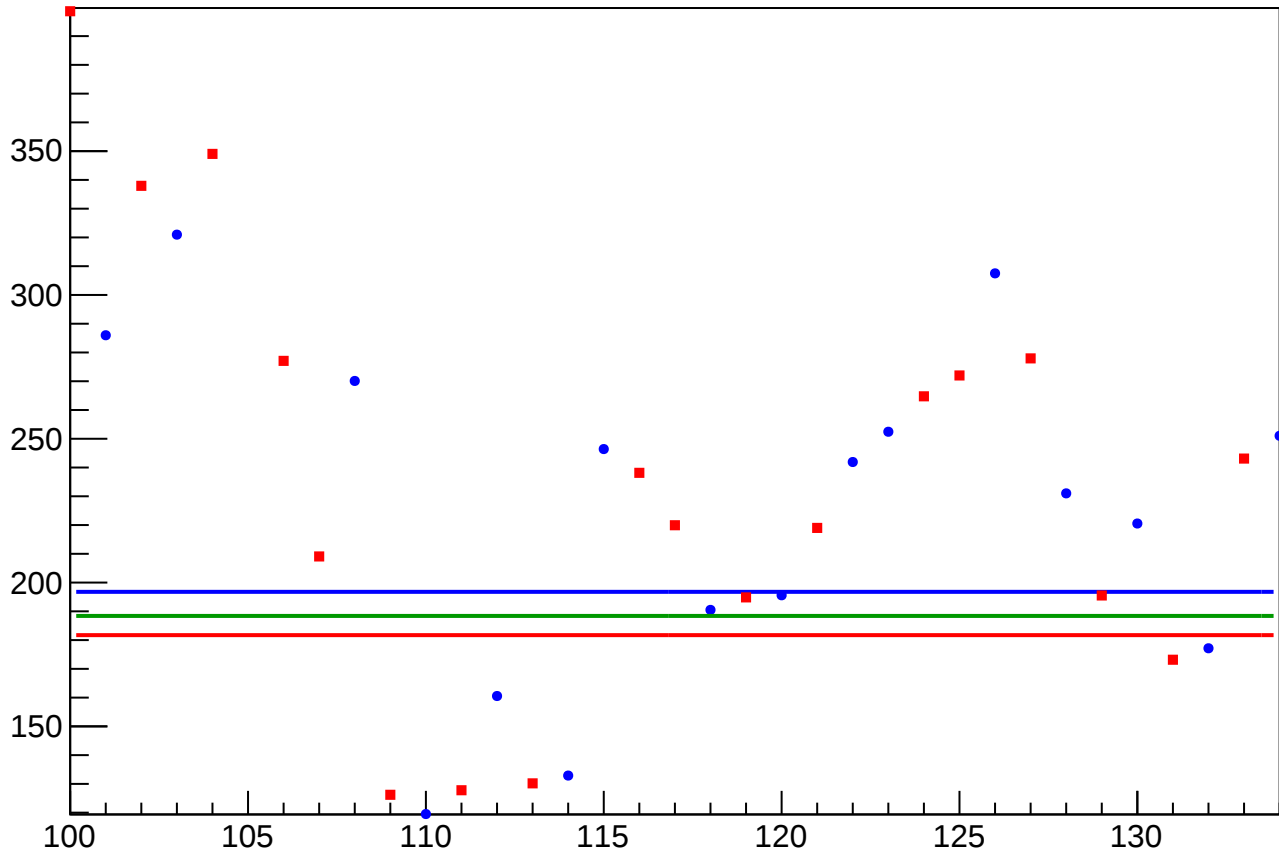
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-60.571 ± 86.165 χ^2/NDF : 349.7/15

-545.421 ± 57.407 χ^2/NDF : 1005.9/33

-932.407 ± 76.979 χ^2/NDF : 599.4/17

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 196.777+/-0.061 χ^2/NDF : 911812.1/15

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

Right Out: 181.720+/-0.054 χ^2/NDF : 1343225.7/17

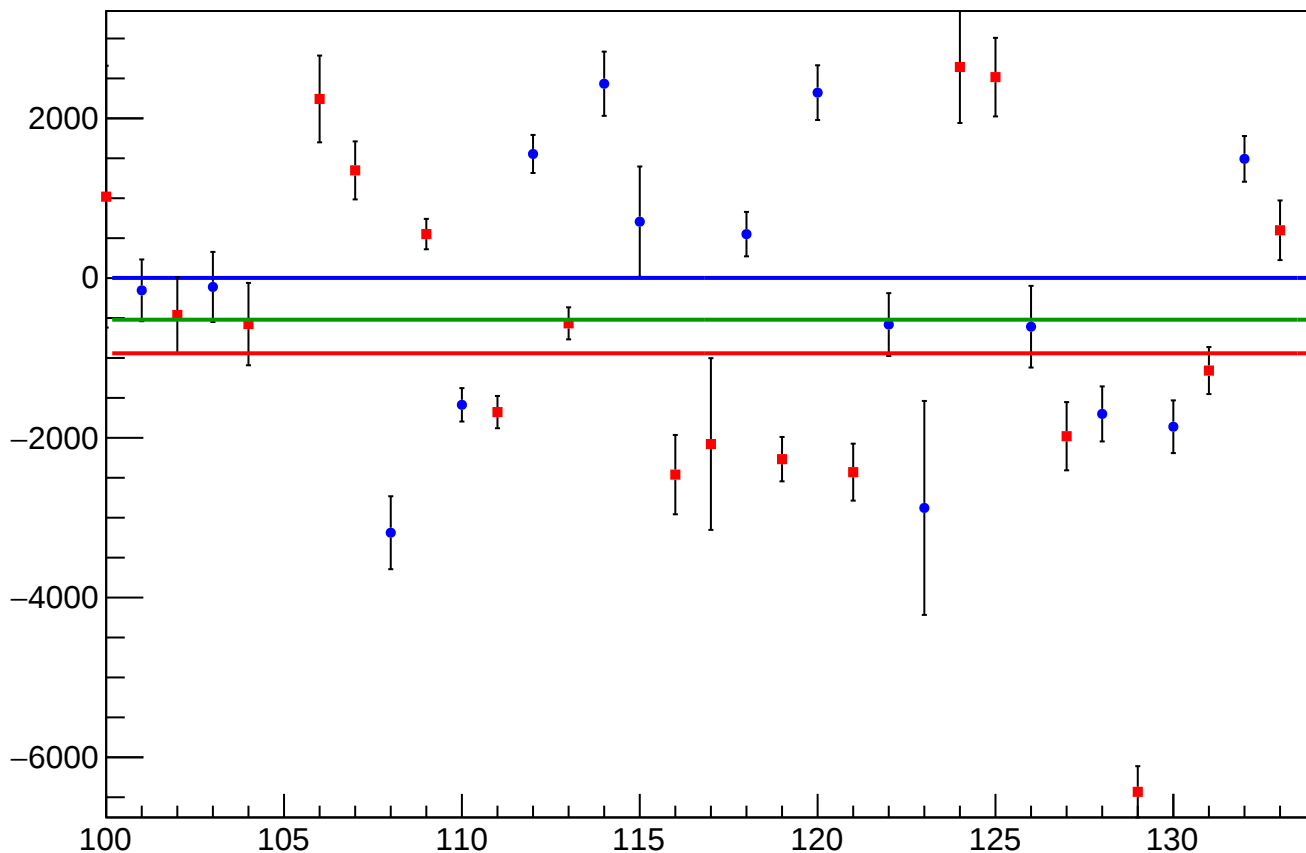
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.777+/-0.061 χ^2/NDF : 911812.1/15

188.403+/-0.041 χ^2/NDF : 2289005.2/33

181.720+/-0.054 χ^2/NDF : 1343225.7/17

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 2.212+/-87.500 χ^2 /NDF: 332.2/15

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

Right Out: -941.638+/-78.503 χ^2 /NDF: 597.6/17

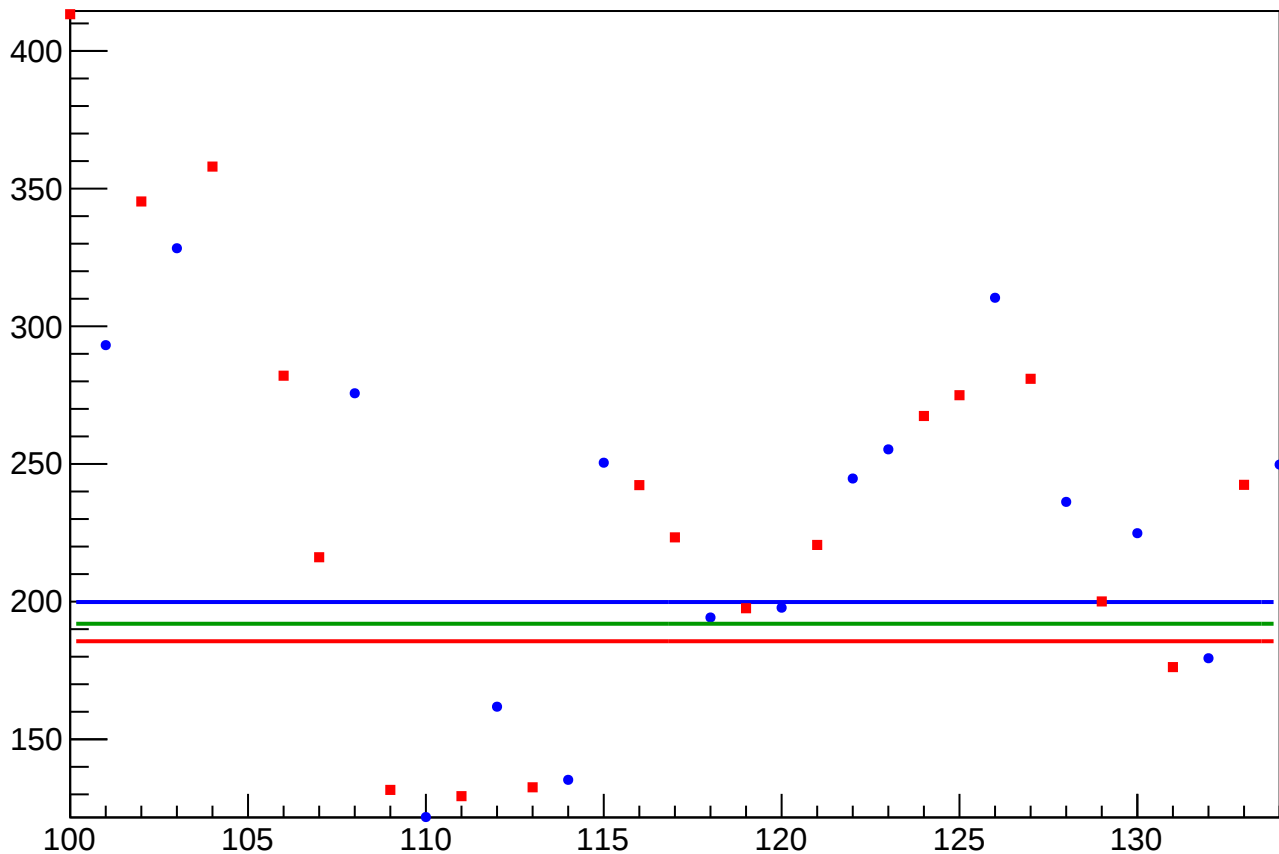
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.212+/-87.500 χ^2 /NDF: 332.2/15

-520.714+/-58.433 χ^2 /NDF: 994.2/33

-941.638+/-78.503 χ^2 /NDF: 597.6/17

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 199.854 ± 0.062 χ^2/NDF : 918211.3/15

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

Right Out: 185.616 ± 0.056 χ^2/NDF : 1317067.8/17

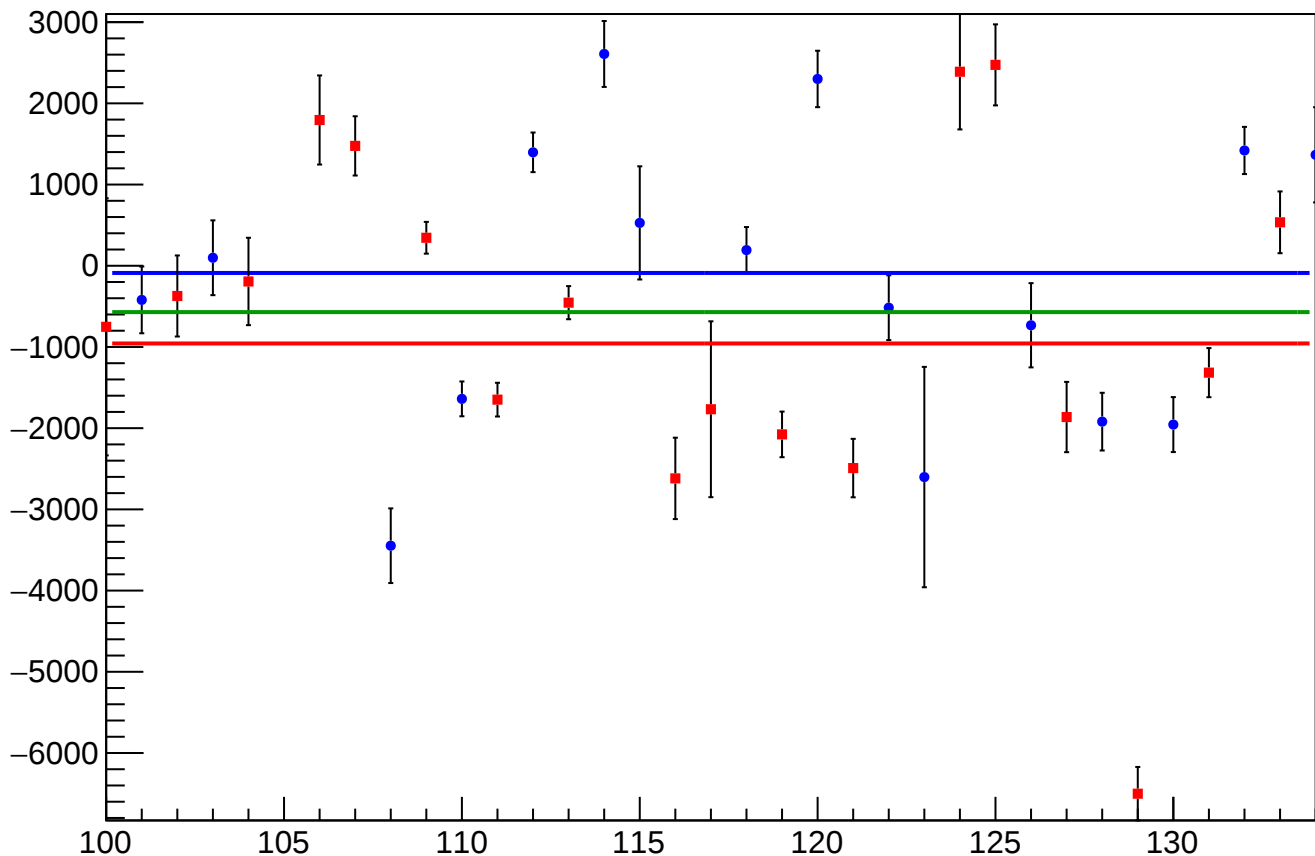
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

199.854 ± 0.062 χ^2/NDF : 918211.3/15

191.965 ± 0.041 χ^2/NDF : 2264617.6/33

185.616 ± 0.056 χ^2/NDF : 1317067.8/17

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -88.632+/-89.544 χ^2 /NDF: 332.9/15

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

Right Out: -956.921+/-80.147 χ^2 /NDF: 554.0/17

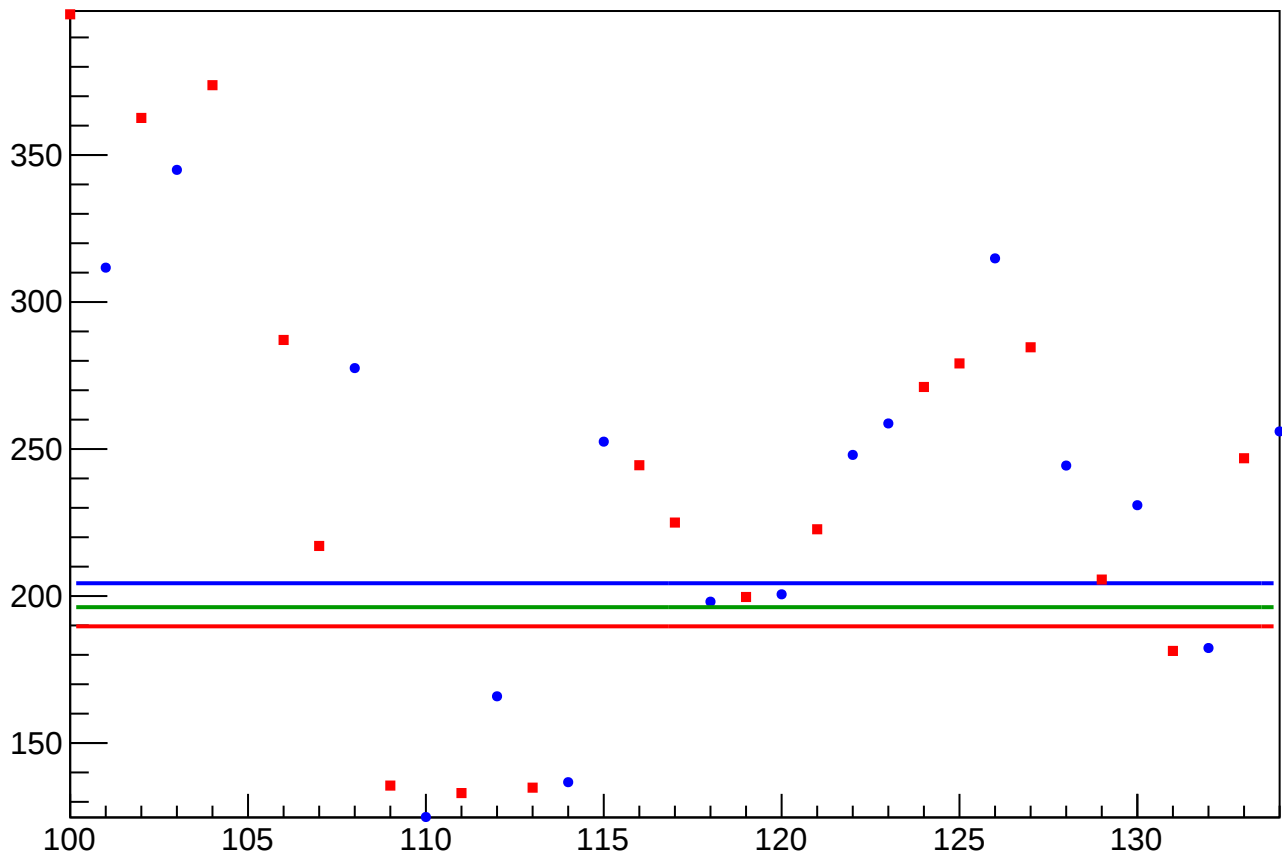
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-88.632+/-89.544 χ^2 /NDF: 332.9/15

-570.713+/-59.720 χ^2 /NDF: 939.1/33

-956.921+/-80.147 χ^2 /NDF: 554.0/17

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.355+/-0.063 χ^2/NDF : 947379.8/15

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

Right Out: 189.698+/-0.057 χ^2/NDF : 1313509.5/17

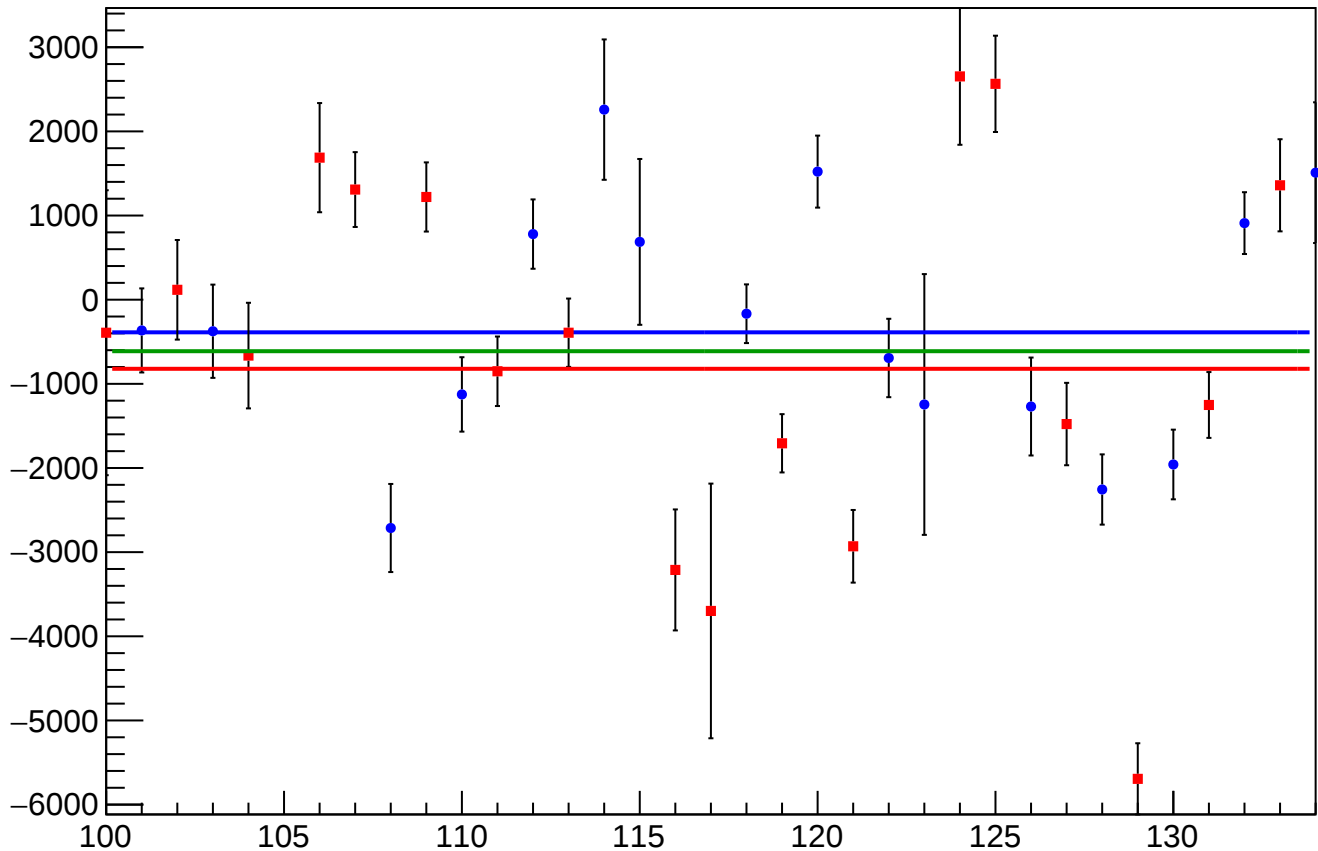
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.355+/-0.063 χ^2/NDF : 947379.8/15

196.217+/-0.042 χ^2/NDF : 2290643.7/33

189.698+/-0.057 χ^2/NDF : 1313509.5/17

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -387.841+/-122.655 χ^2 /NDF: 117.2/15

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

Right Out: -821.239+/-118.422 χ^2 /NDF: 316.3/17

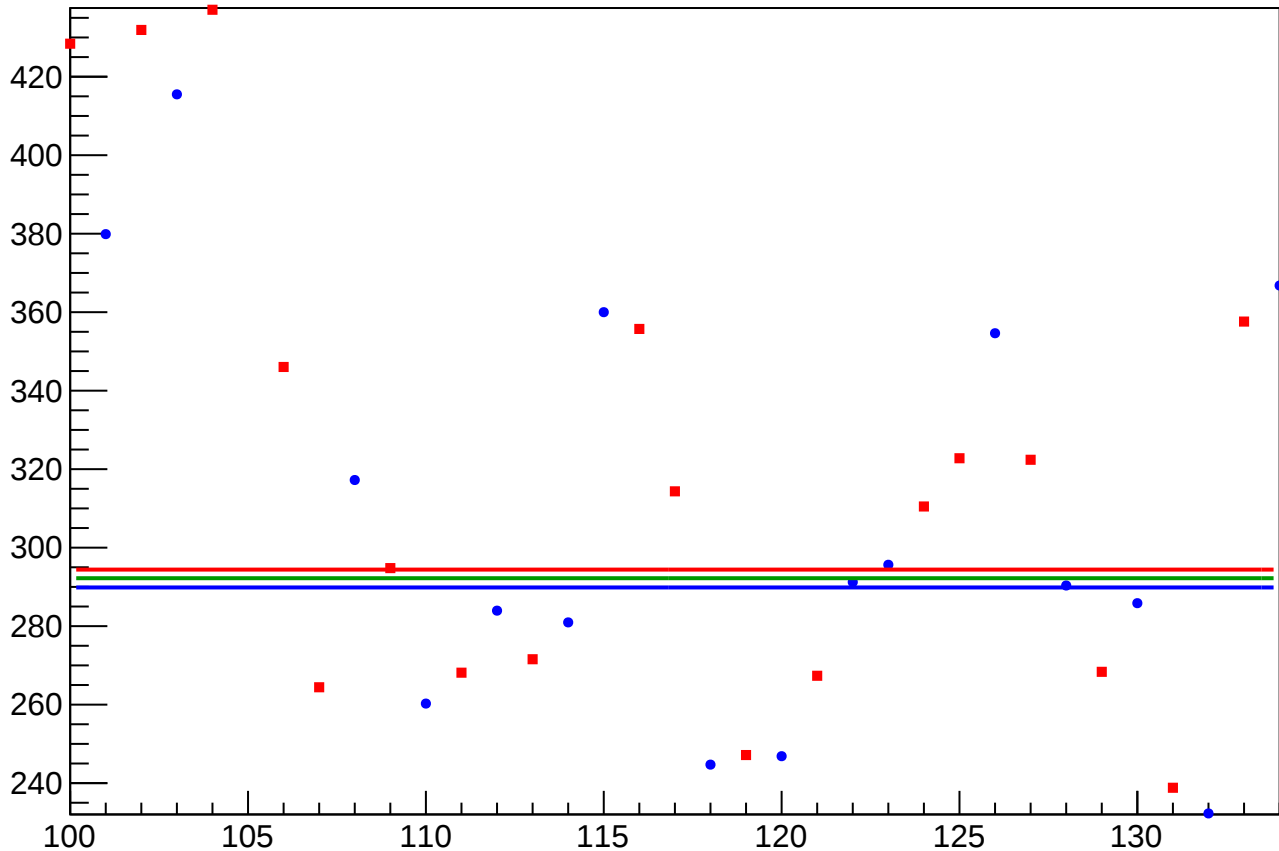
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-387.841+/-122.655 χ^2 /NDF: 117.2/15

-612.148+/-85.194 χ^2 /NDF: 439.9/33

-821.239+/-118.422 χ^2 /NDF: 316.3/17

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 289.858+/-0.087 χ^2/NDF : 337834.5/15

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

Right Out: 294.411+/-0.084 χ^2/NDF : 406916.2/17

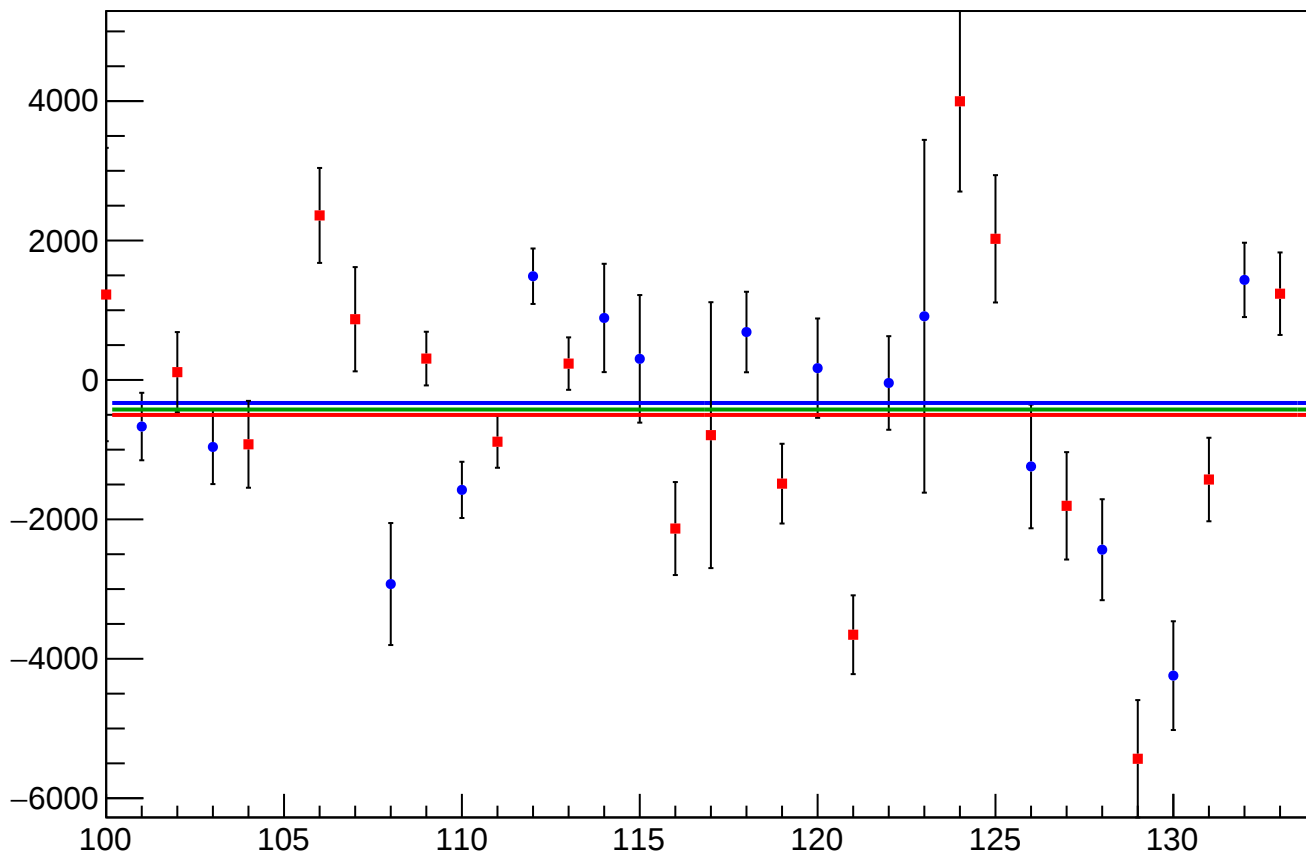
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

289.858+/-0.087 χ^2/NDF : 337834.5/15

292.214+/-0.060 χ^2/NDF : 746176.6/33

294.411+/-0.084 χ^2/NDF : 406916.2/17

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -330.299+/-155.810 χ^2 /NDF: 94.6/15

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

Right Out: -501.788+/-141.438 χ^2 /NDF: 140.6/17

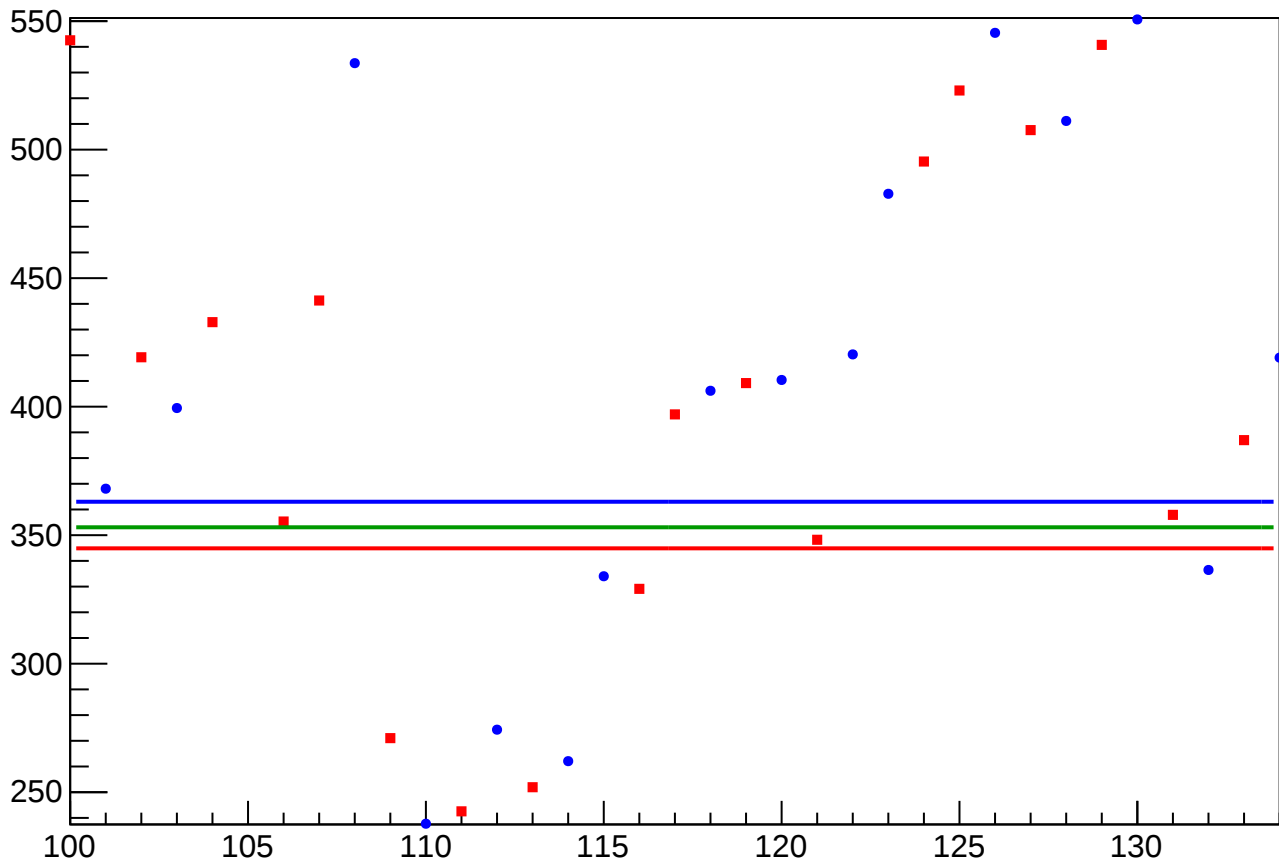
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-330.299+/-155.810 χ^2 /NDF: 94.6/15

-424.316+/-104.725 χ^2 /NDF: 235.9/33

-501.788+/-141.438 χ^2 /NDF: 140.6/17

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 363.011+/-0.110 χ^2/NDF : 748655.2/15

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

Right Out: 344.881+/-0.100 χ^2/NDF : 809920.1/17

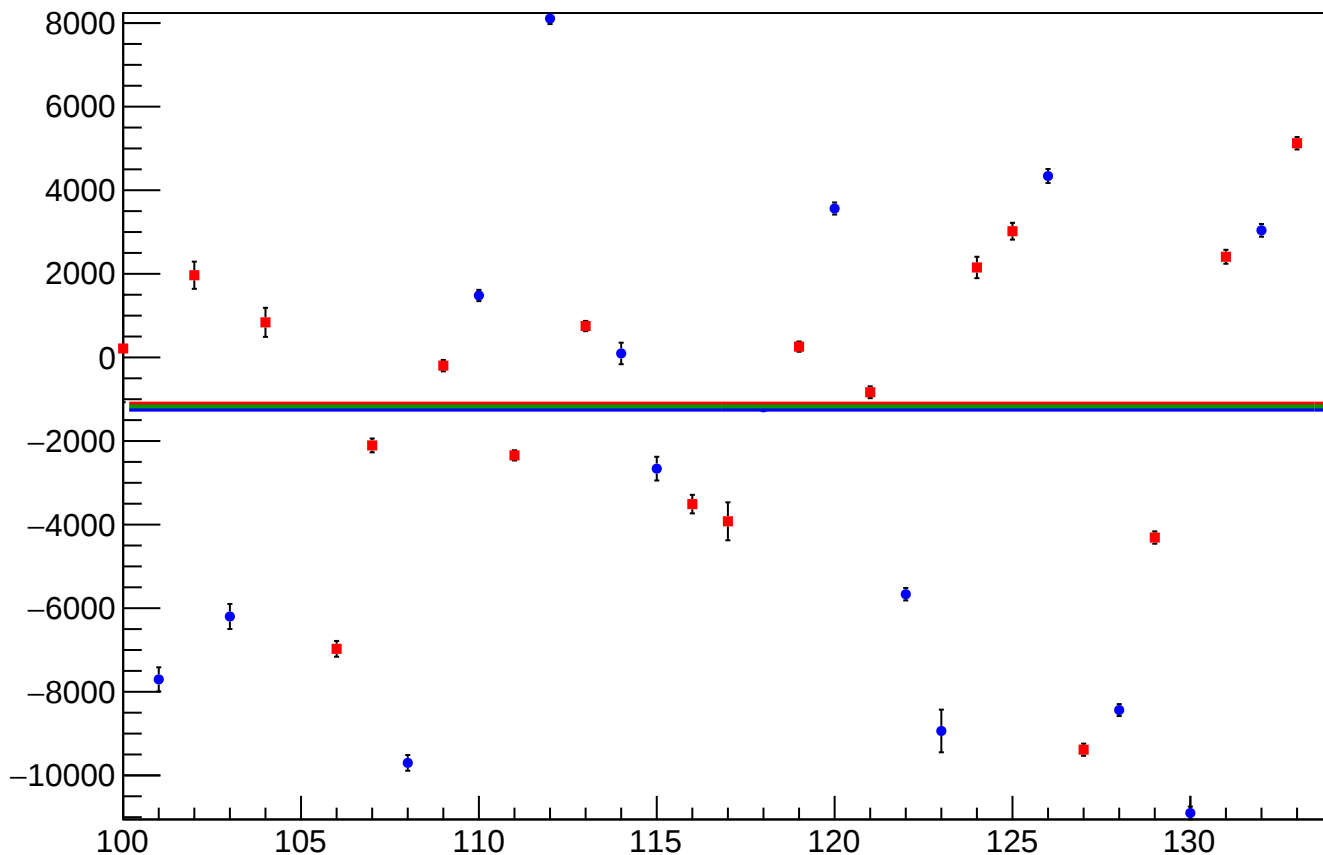
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

363.011+/-0.110 χ^2/NDF : 748655.2/15

353.071+/-0.074 χ^2/NDF : 1573421.3/33

344.881+/-0.100 χ^2/NDF : 809920.1/17

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1249.154+/-42.746 χ^2 /NDF: 18974.0/15

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

Right Out: -1105.874+/-39.957 χ^2 /NDF: 8280.0/17

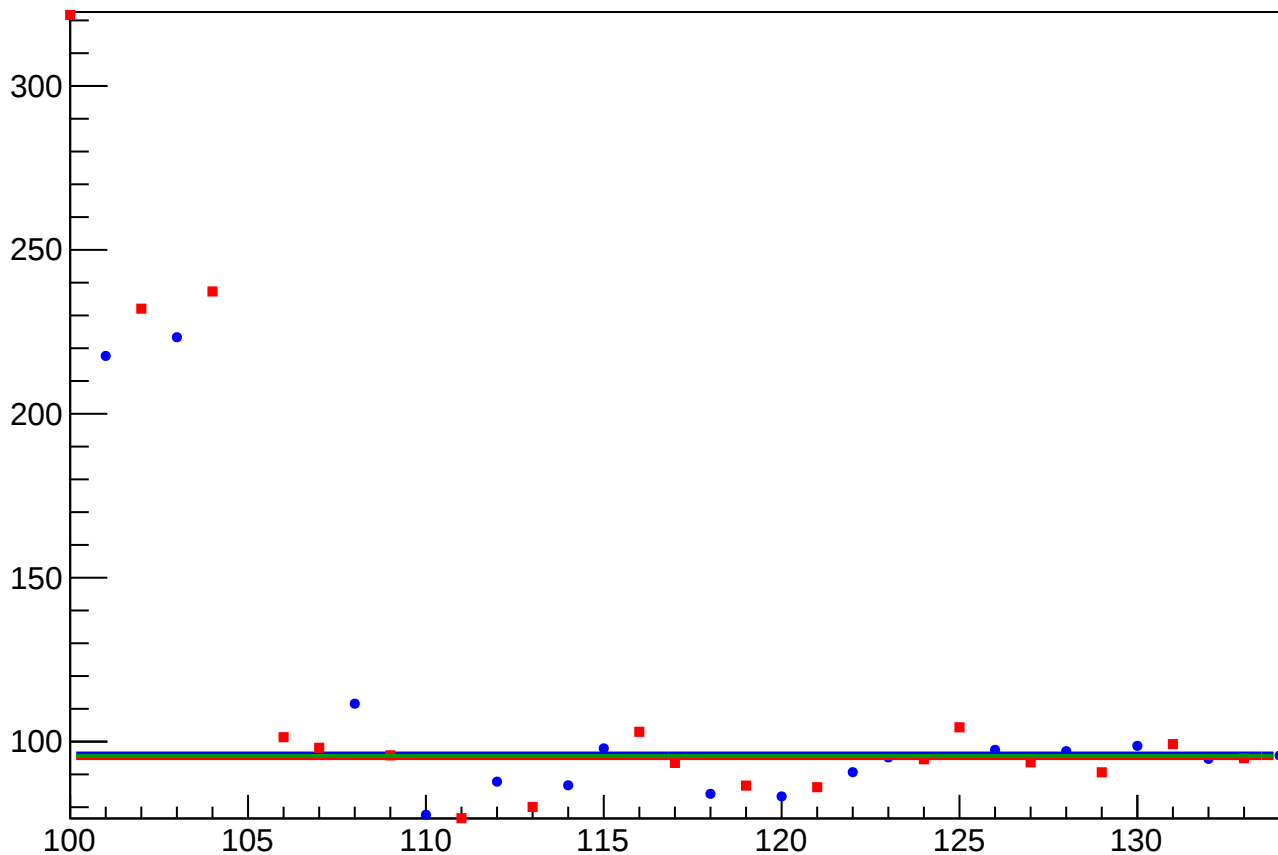
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1249.154+/-42.746 χ^2 /NDF: 18974.0/15

-1172.688+/-29.190 χ^2 /NDF: 27260.1/33

-1105.874+/-39.957 χ^2 /NDF: 8280.0/17

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.367+/-0.030 χ^2/NDF : 814828.9/15

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

Right Out: 94.976+/-0.028 χ^2/NDF : 858076.8/17

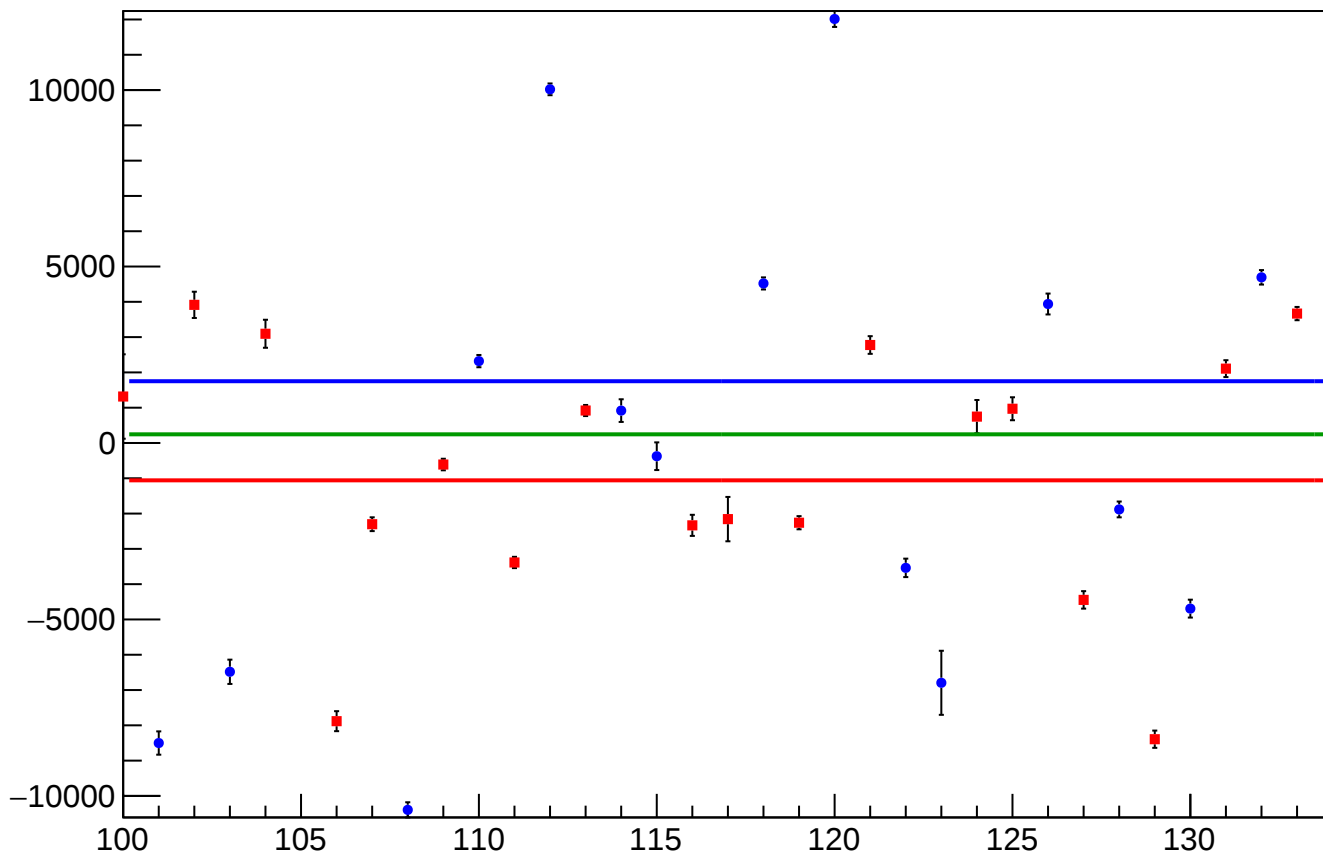
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.367+/-0.030 χ^2/NDF : 814828.9/15

95.624+/-0.021 χ^2/NDF : 1674035.5/33

94.976+/-0.028 χ^2/NDF : 858076.8/17

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1750.268+/-59.974 χ^2/NDF : 11231.4/15

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

Right Out: -1058.292+/-55.830 χ^2/NDF : 3535.1/17

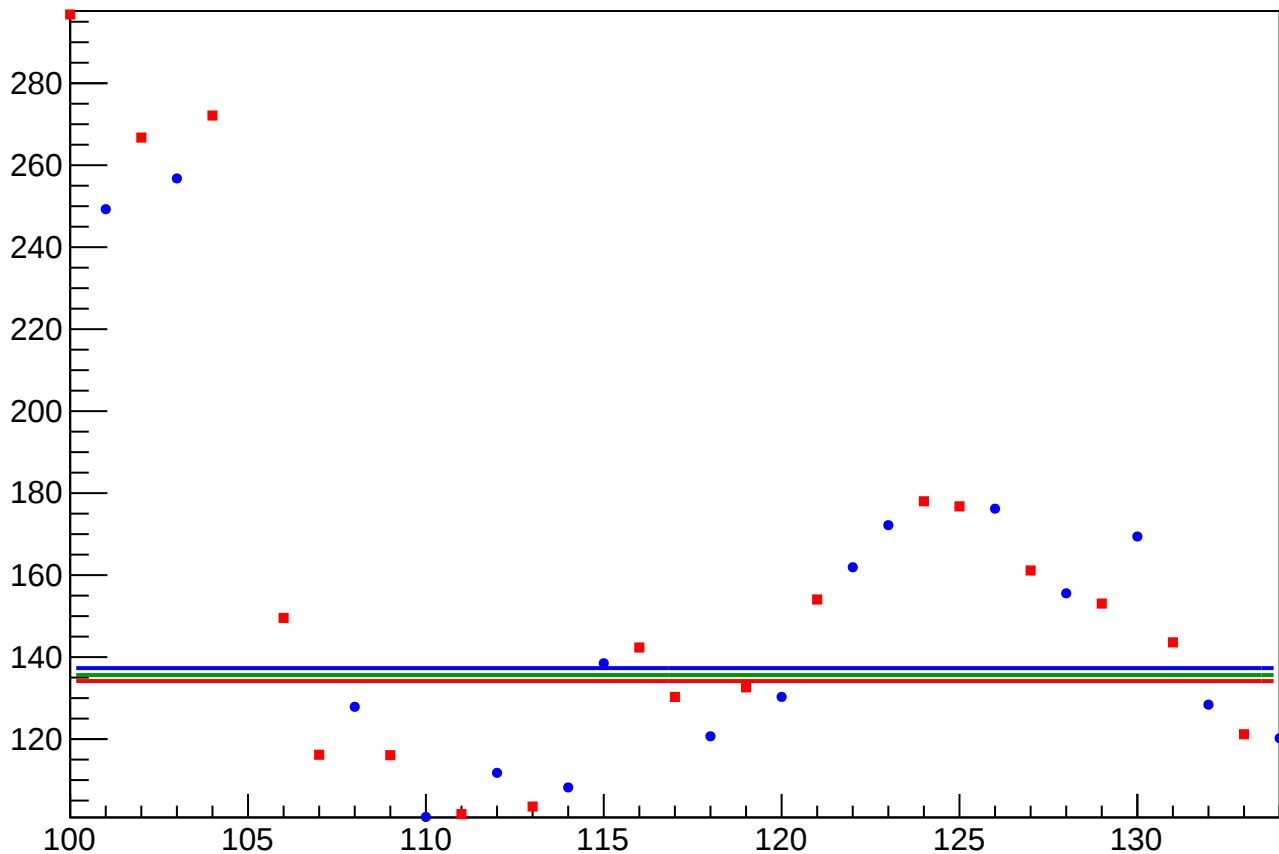
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1750.268+/-59.974 χ^2/NDF : 11231.4/15

245.624+/-40.864 χ^2/NDF : 15941.4/33

-1058.292+/-55.830 χ^2/NDF : 3535.1/17

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 137.313+/-0.042 χ^2/NDF : 758289.4/15

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

Right Out: 134.159+/-0.039 χ^2/NDF : 852134.7/17

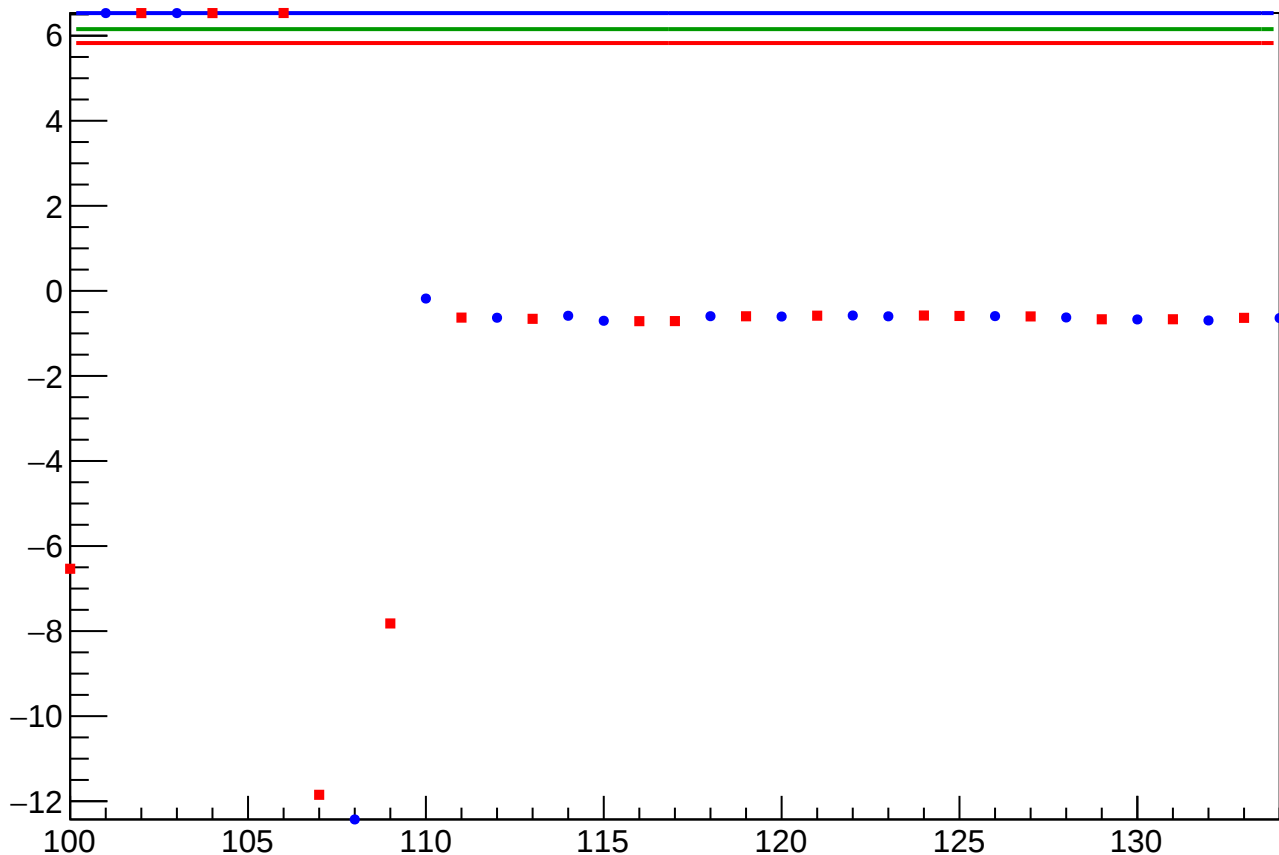
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.313+/-0.042 χ^2/NDF : 758289.4/15

135.623+/-0.029 χ^2/NDF : 1613387.8/33

134.159+/-0.039 χ^2/NDF : 852134.7/17

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 102381350603.6/15

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

Right Out: 5.827+/-0.000 χ^2/NDF : 755932992759489.6/17

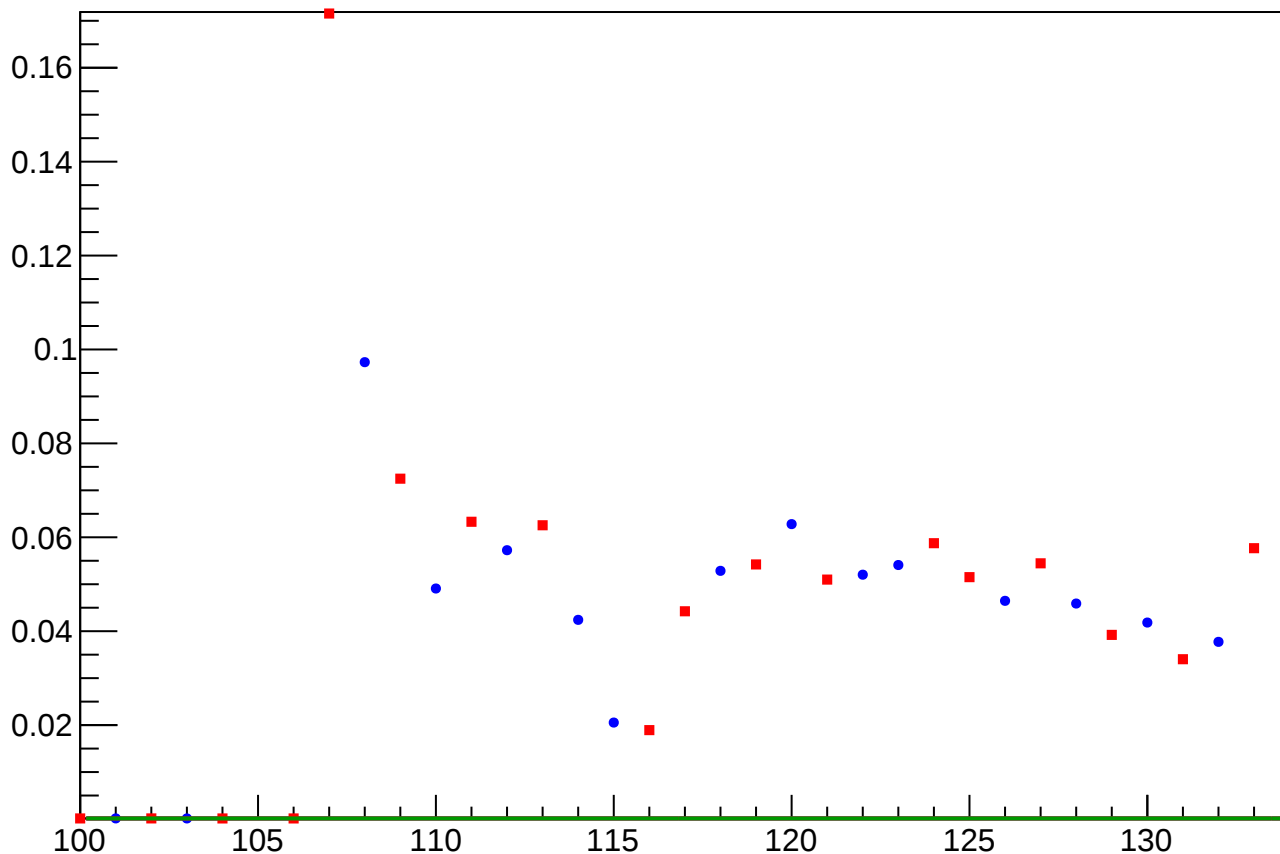
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 102381350603.6/15

6.155+/-0.000 χ^2/NDF : 77603962163780

5.827+/-0.000 χ^2/NDF : 755932992759489.6/17

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7836669.4/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8423360.9/17

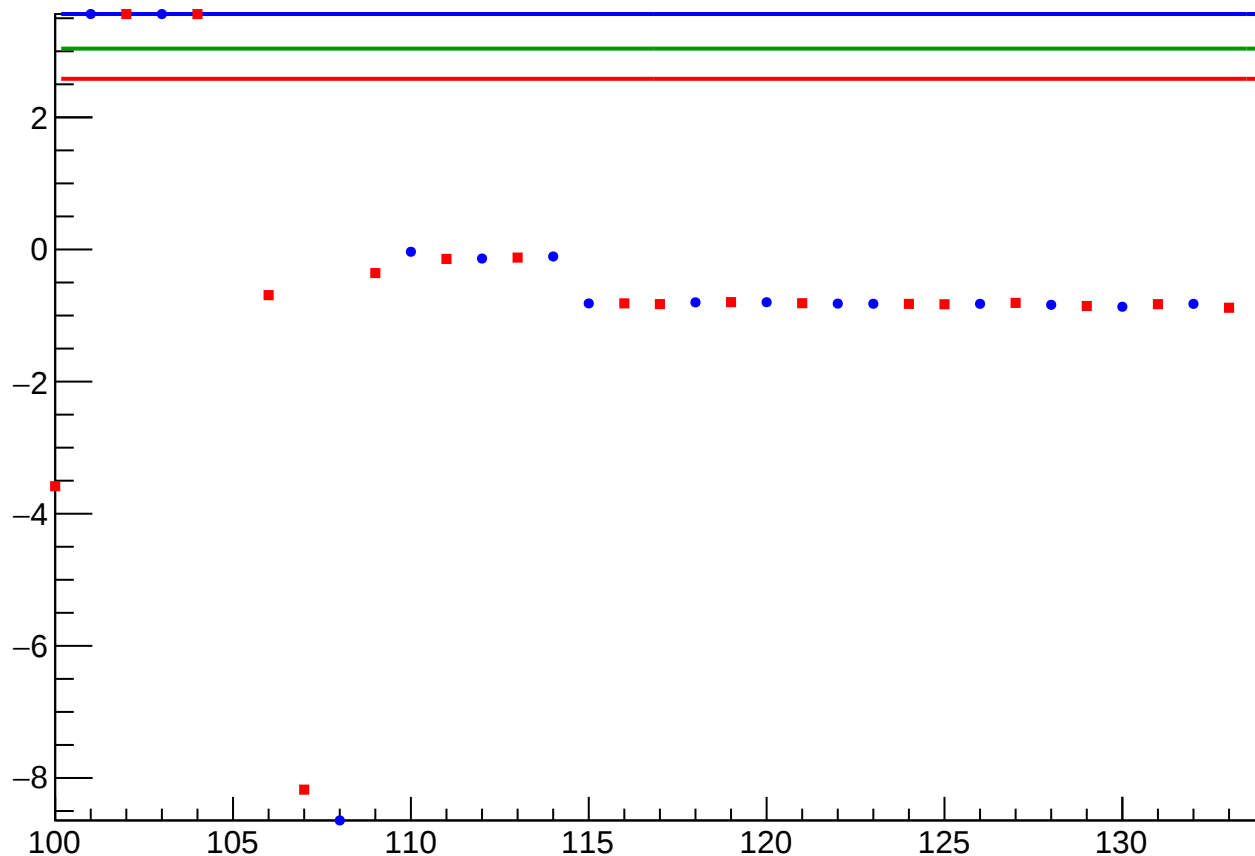
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7836669.4/15

0.000+/-0.000 χ^2/NDF : 16260258.3/33

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 : 348418830739.3/15

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

Right Out: 2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

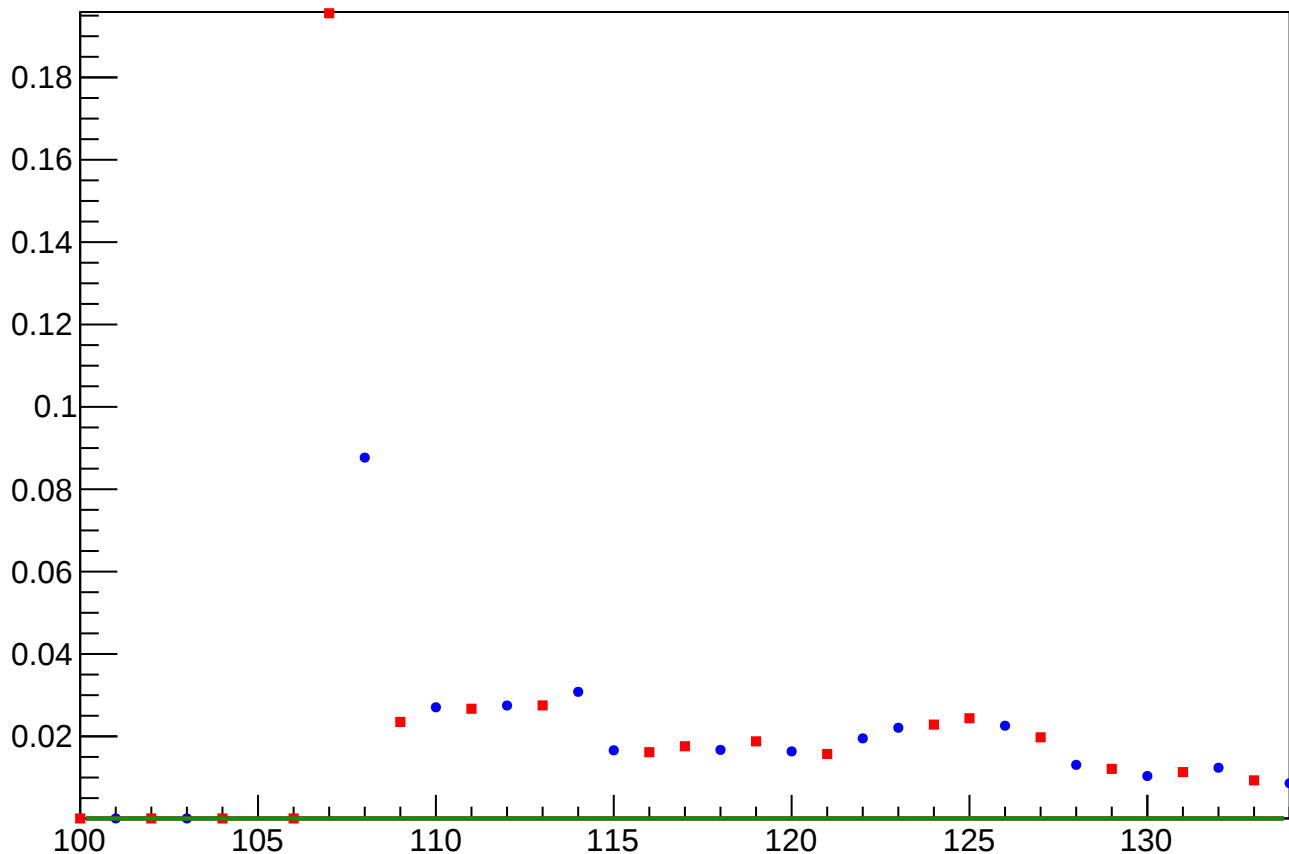
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 348418830739.3/15

3.040+/-0.000 χ^2/NDF : 13820677885482

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 : 8504344.9/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8866504.1/17

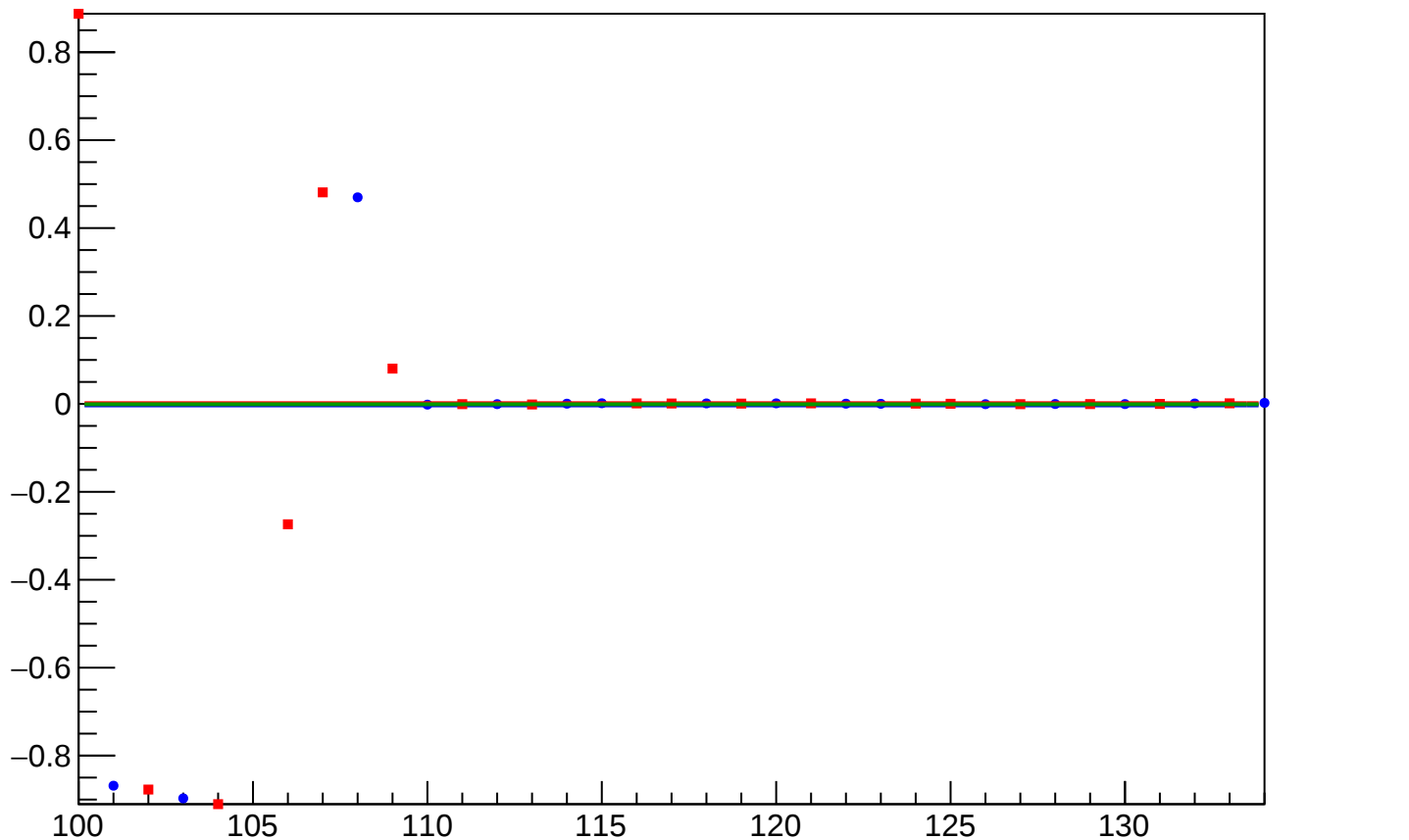
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8504344.9/15

0.000+/-0.000 χ^2/NDF : 17371084.5/33

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 : 9790375600.8/15

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3040514278.8/17

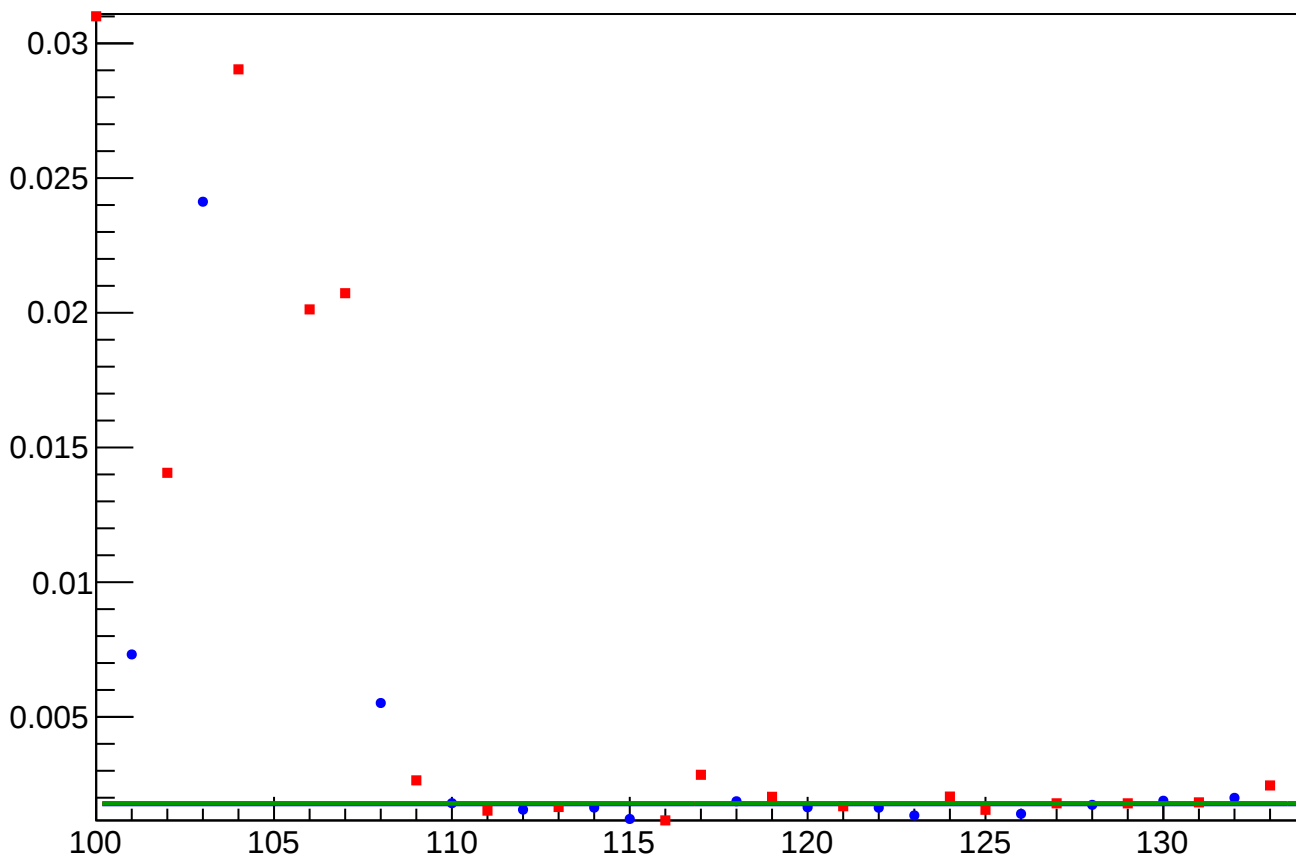
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.000 χ^2/NDF : 9790375600.8/15

-0.001+/-0.000 χ^2/NDF : 12845875816.5/3

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 : 1767887.9/15

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2922822.4/17

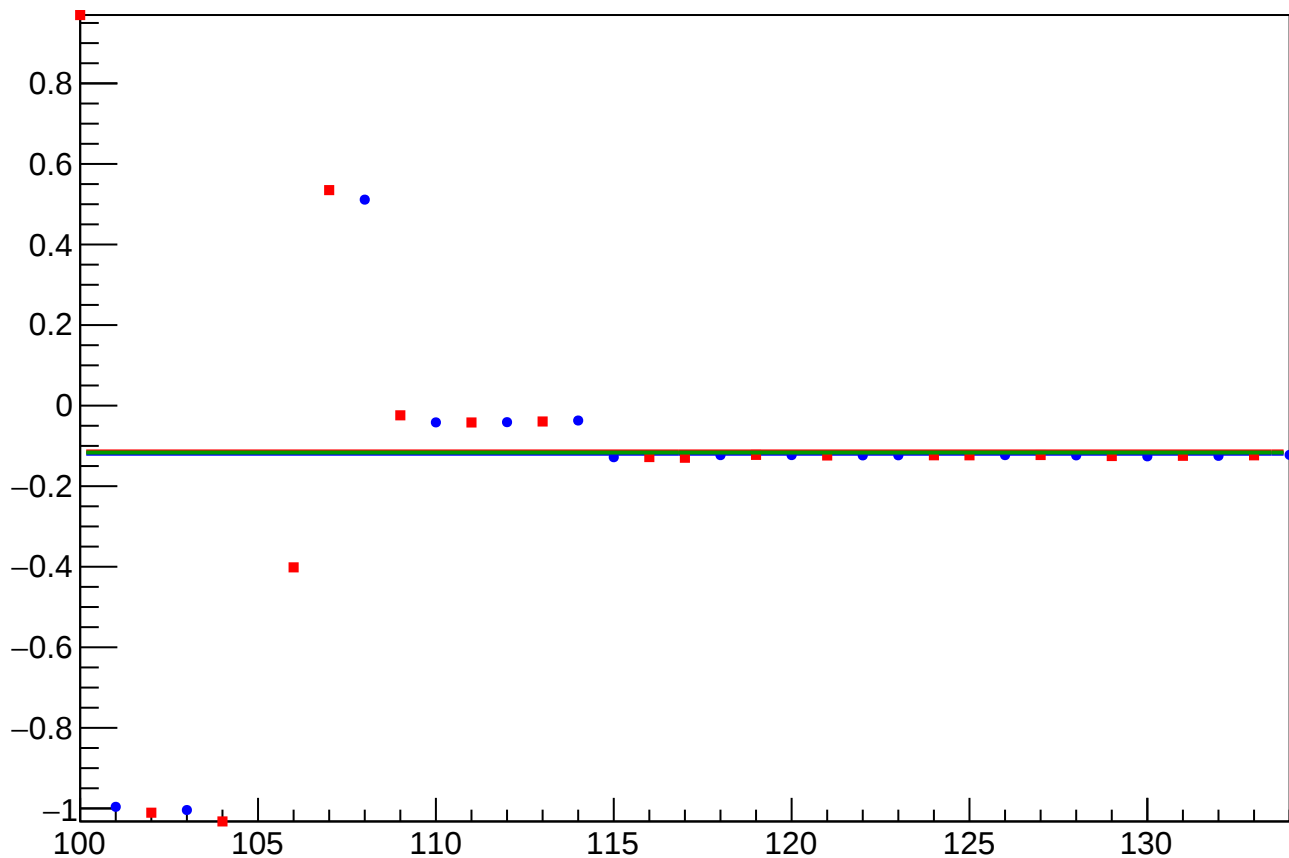
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1767887.9/15

0.002+/-0.000 χ^2/NDF : 4693116.9/33

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 : 3927293958.1/15

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

Right Out: -0.114+/-0.000 χ^2/NDF : 2431711227.5/17

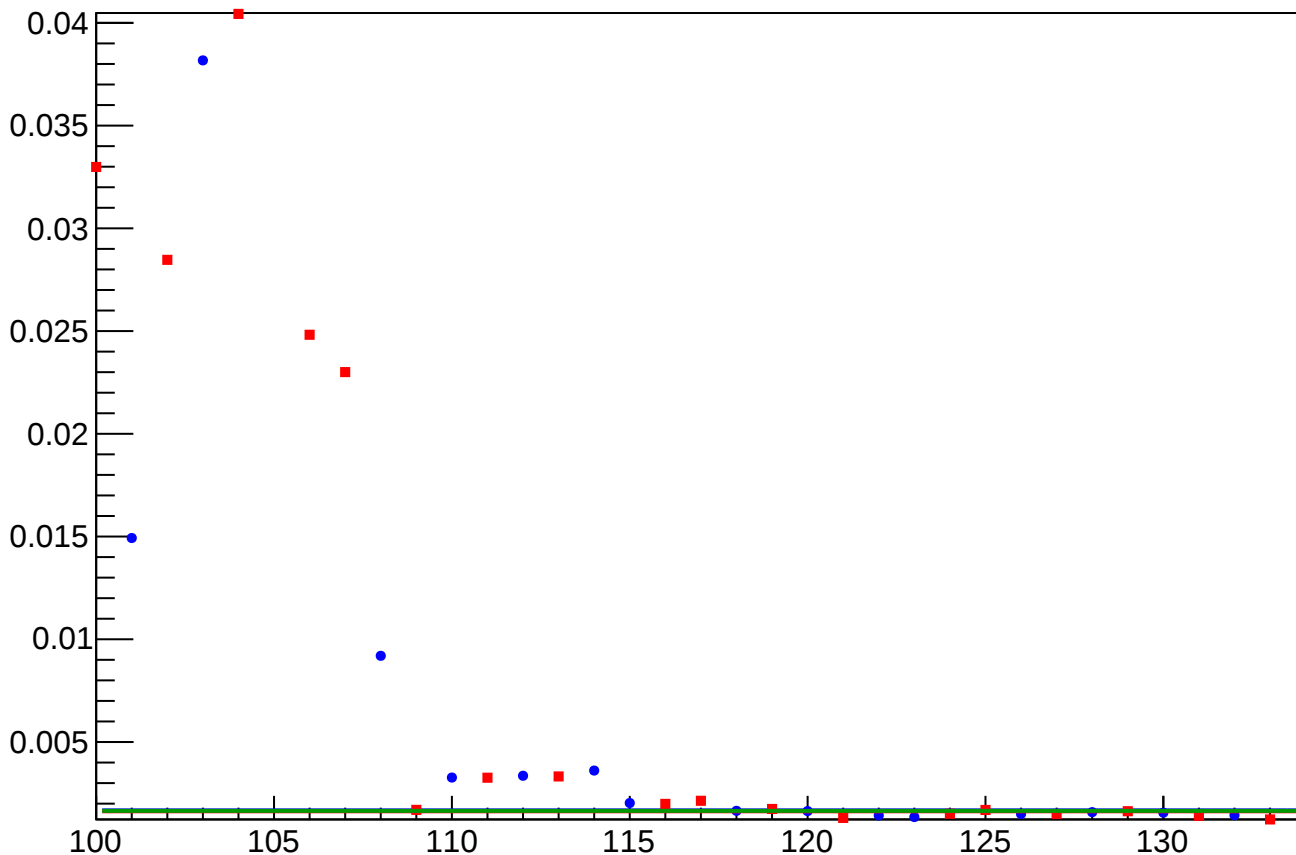
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 3927293958.1/15

-0.116+/-0.000 χ^2/NDF : 6383575804.8/33

-0.114+/-0.000 χ^2/NDF : 2431711227.5/17

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2744974.8/15

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

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3431470.8/17

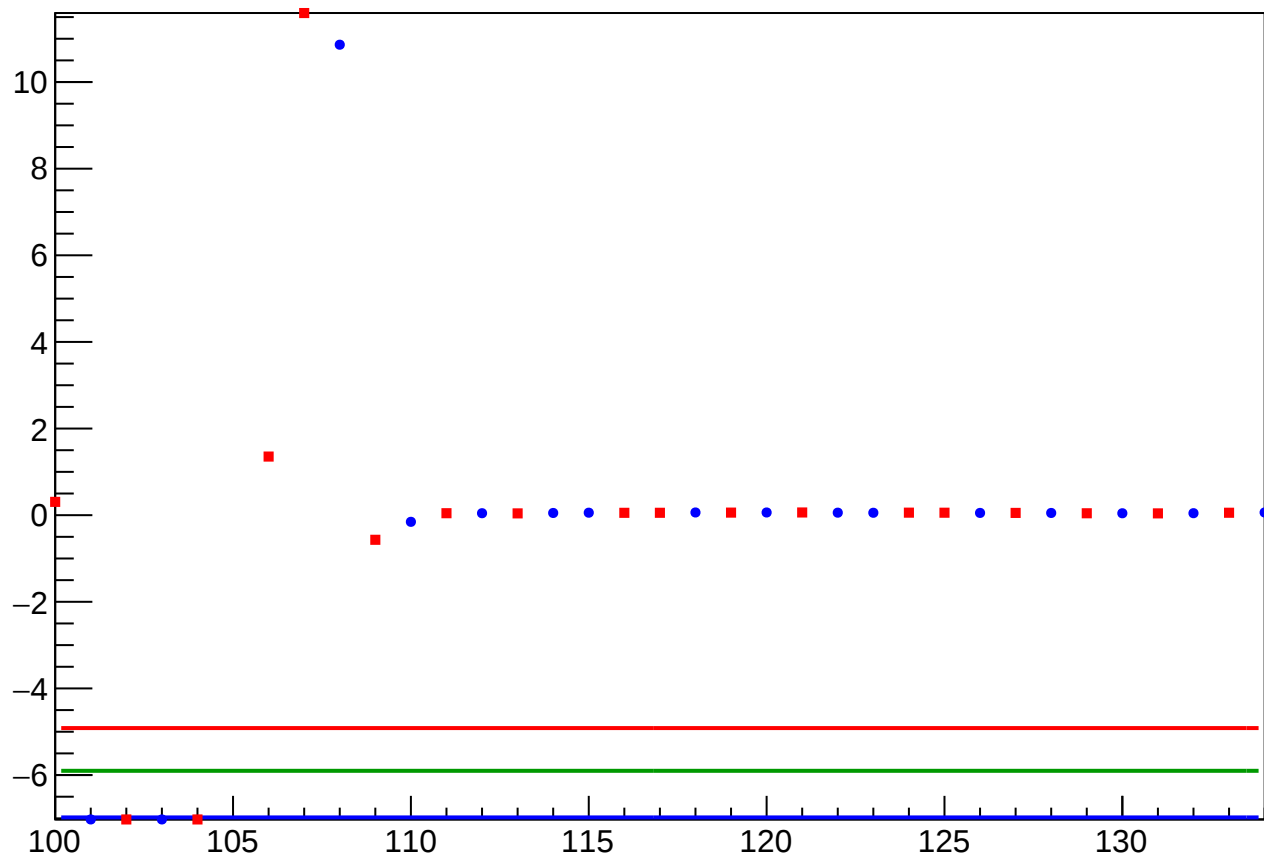
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 2744974.8/15

0.002 $\pm$ 0.000 χ^2 /NDF: 6179441.0/33

0.002 $\pm$ 0.000 χ^2 /NDF: 3431470.8/17

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.978+/-0.000 χ^2 /NDF: 8171650863062.6/15

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

Right Out: -4.915+/-0.000 χ^2 /NDF: 365128942058203.9/17

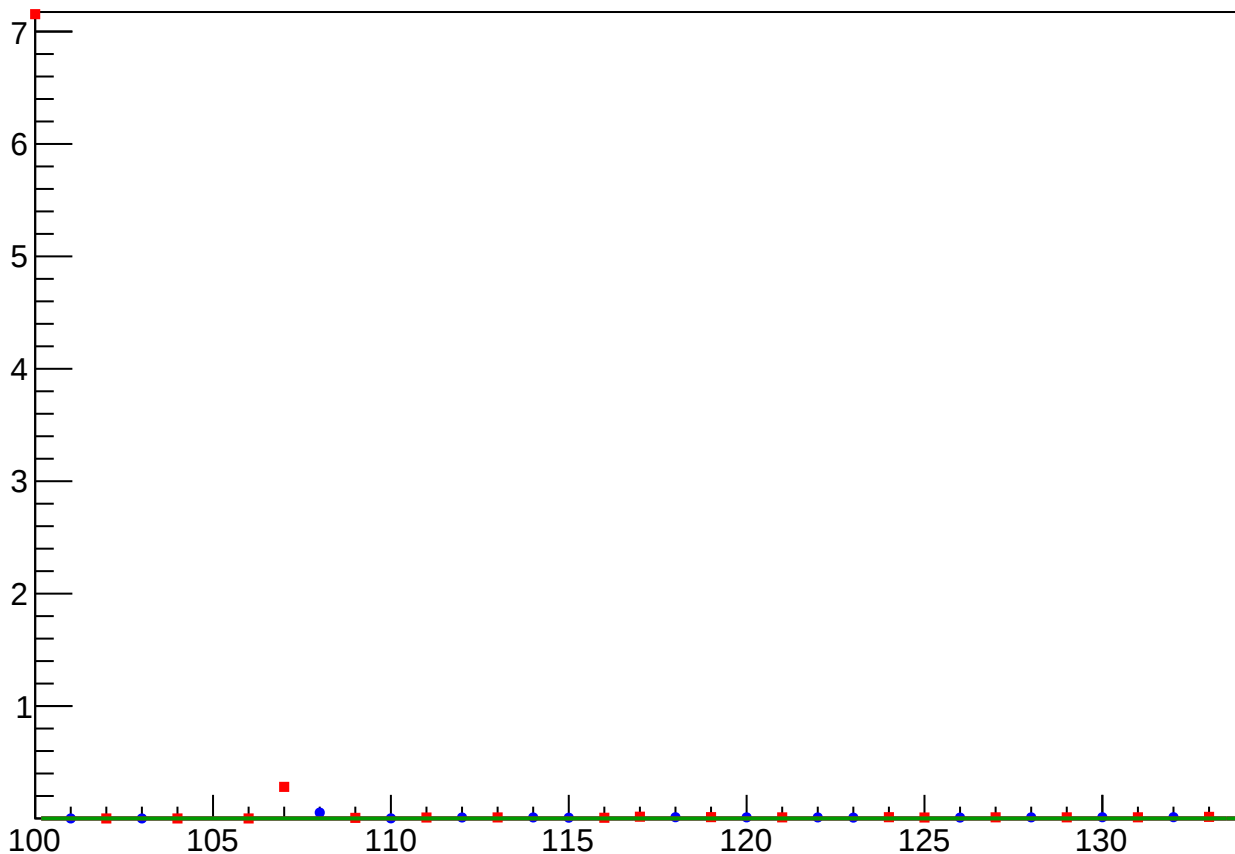
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.978+/-0.000 χ^2 /NDF: 8171650863062.6/15

-5.902+/-0.000 χ^2 /NDF: 42956337180740

-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 : 7086503.6/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7833167.3/17

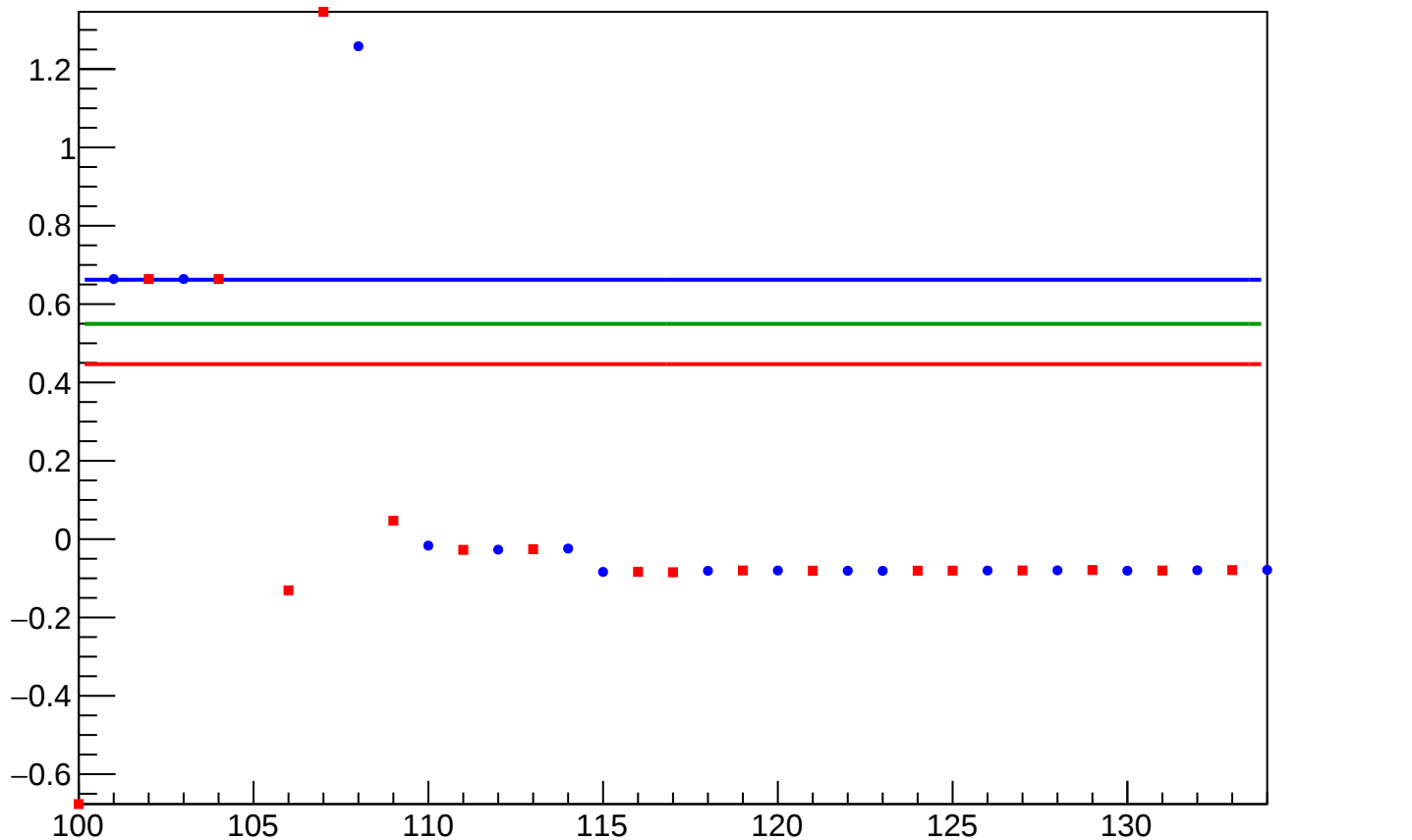
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7086503.6/15

0.000+/-0.000 χ^2/NDF : 14919833.9/33

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 : 3674482942335.4/15

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

Right Out: 0.447+/-0.000 χ^2/NDF : 404755300374465.2/17

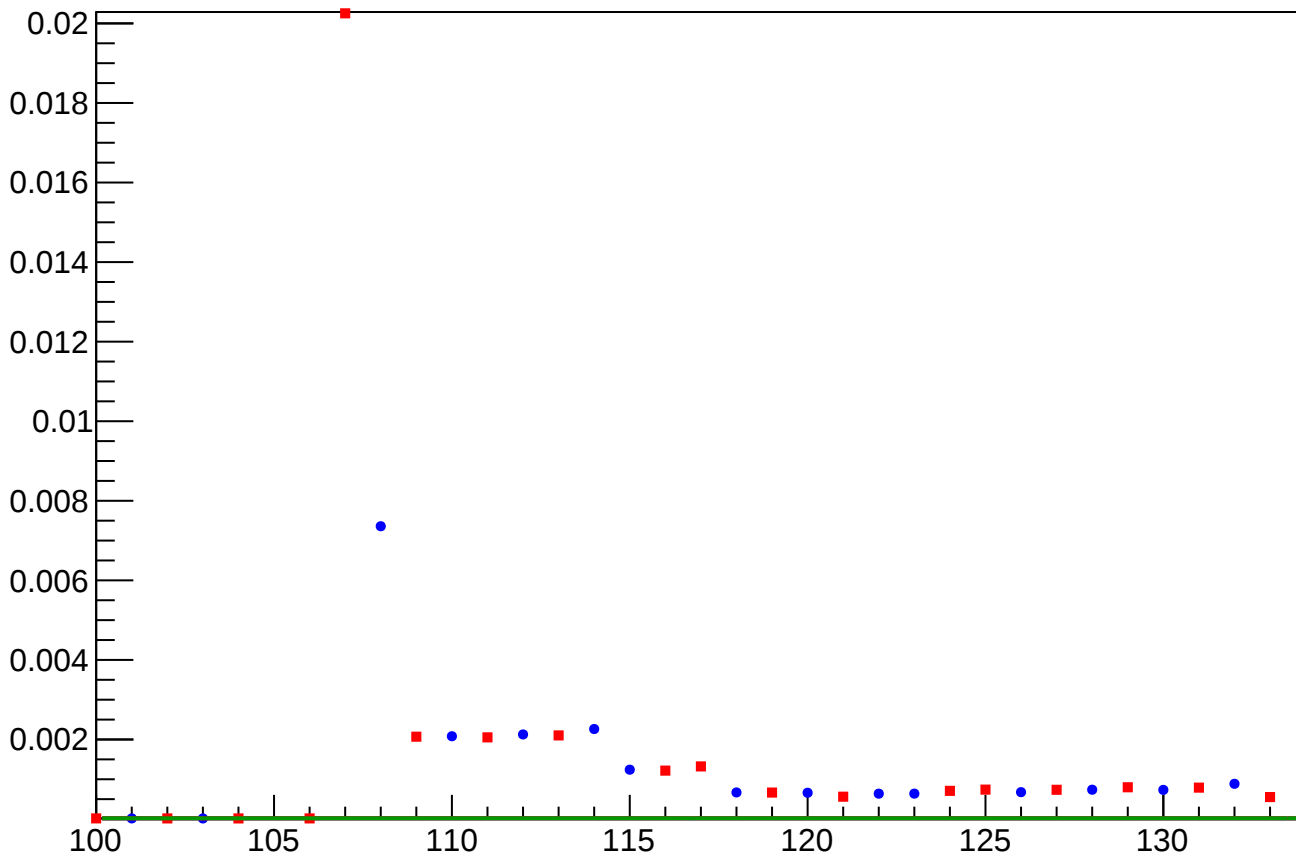
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.662+/-0.000 χ^2/NDF : 3674482942335.4/15

0.550+/-0.000 χ^2/NDF : 47161154554728

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 : 8542931.7/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8418784.1/17

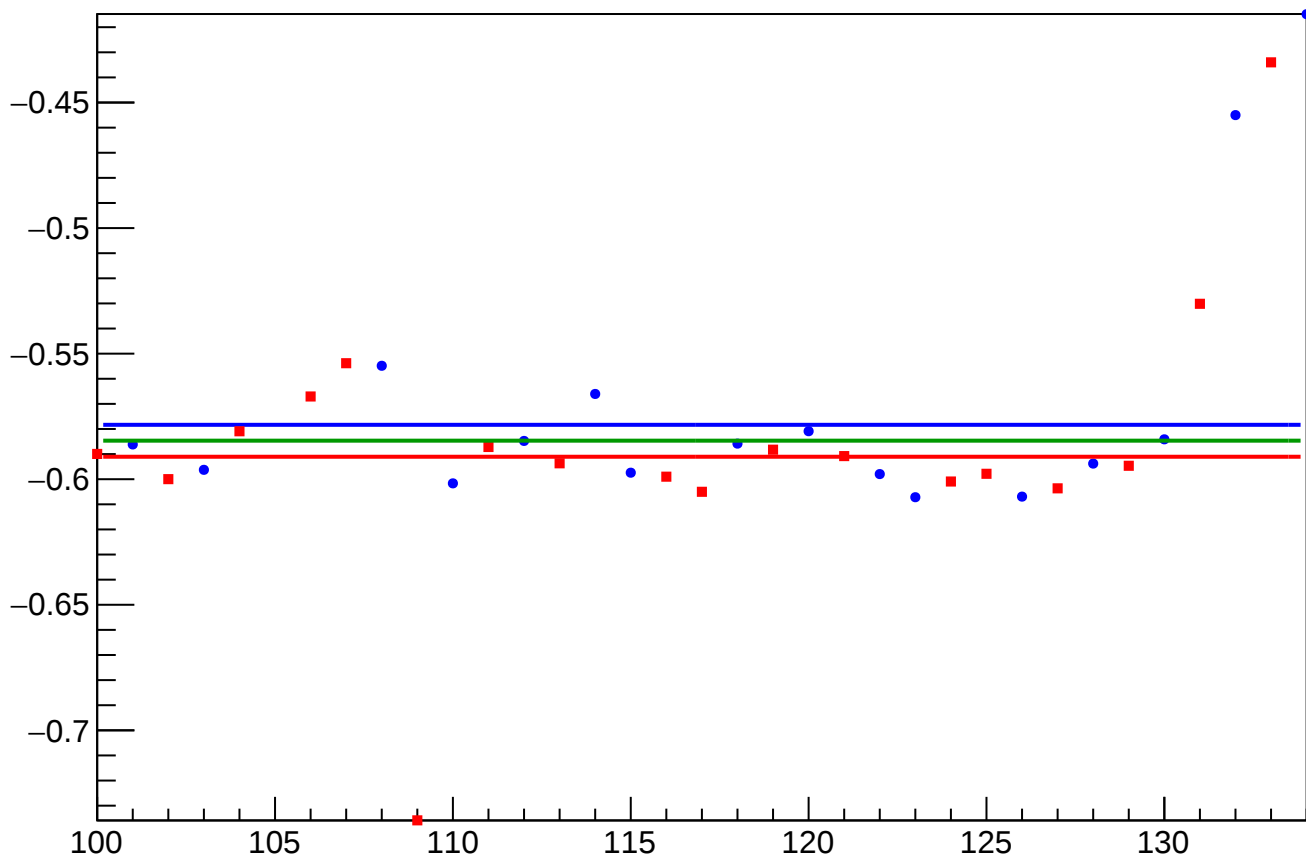
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8542931.7/15

0.000+/-0.000 χ^2/NDF : 16961767.6/33

0.000+/-0.000 χ^2/NDF : 8418784.1/17

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.578+/-0.000 χ^2/NDF : 14683256.8/15

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

Right Out: -0.591+/-0.000 χ^2/NDF : 21329905.9/17

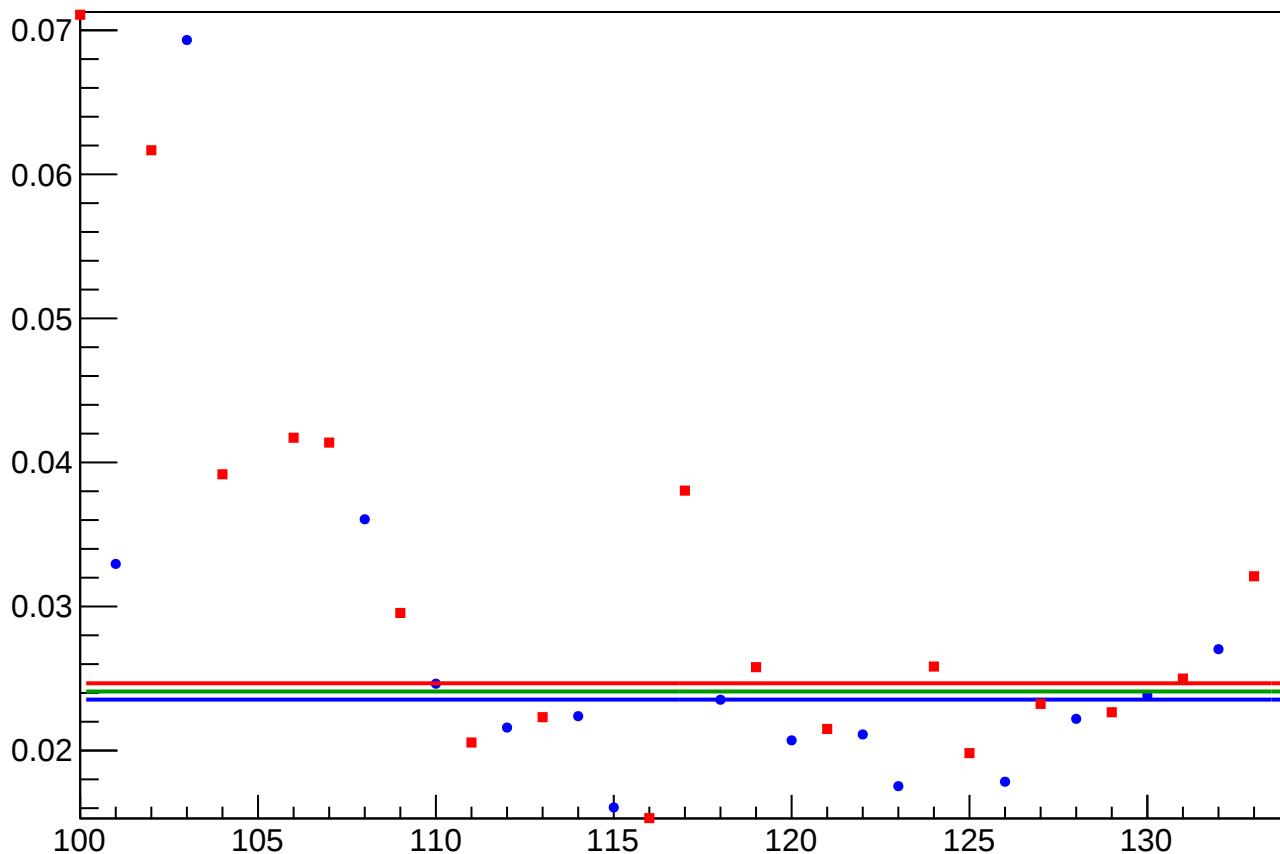
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.578+/-0.000 χ^2/NDF : 14683256.8/15

-0.585+/-0.000 χ^2/NDF : 36668365.6/33

-0.591+/-0.000 χ^2/NDF : 21329905.9/17

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 794011.4/15

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

Right Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 994449.4/17

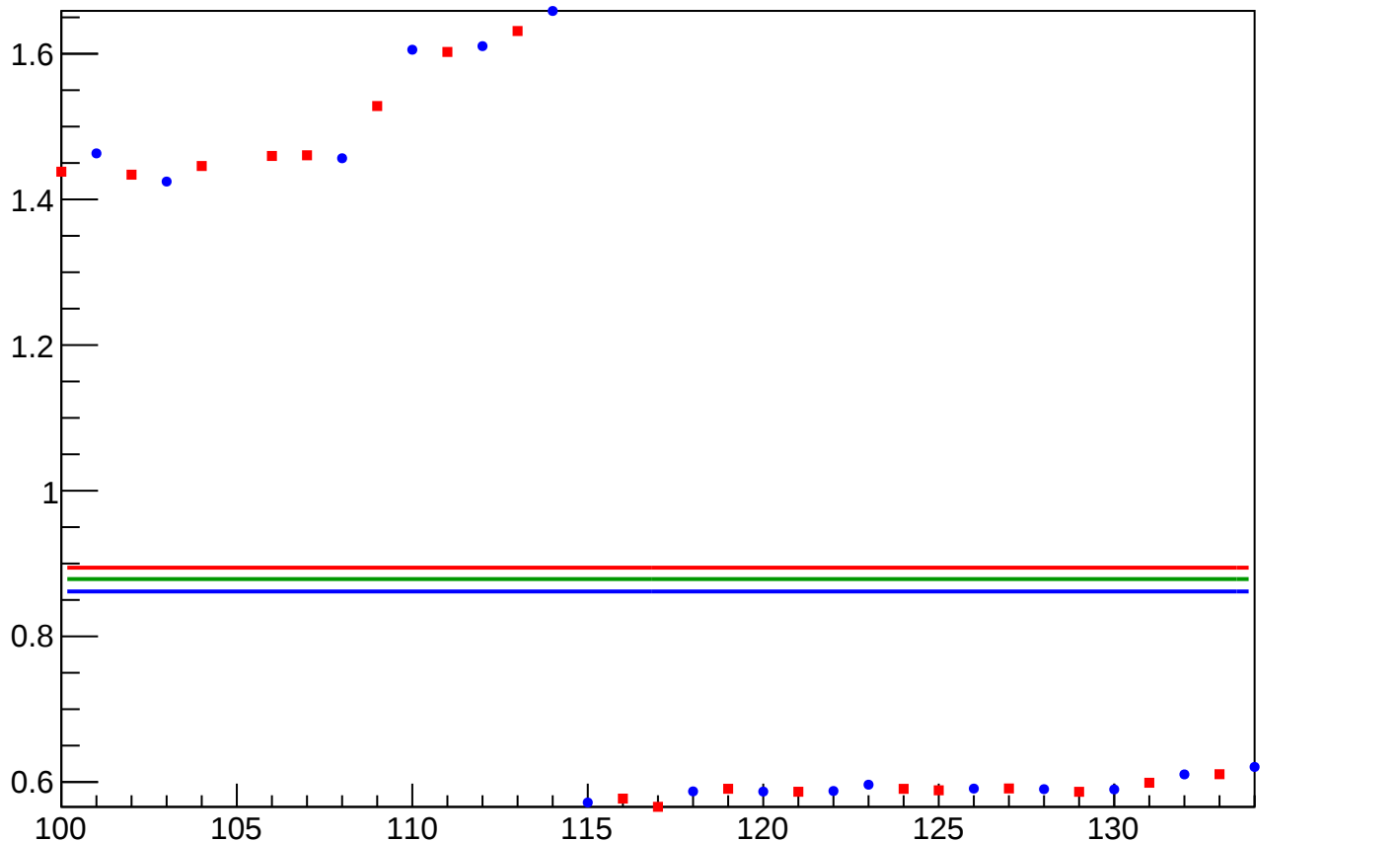
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.024 $\pm$ 0.000 χ^2 /NDF: 794011.4/15

0.024 $\pm$ 0.000 χ^2 /NDF: 1798858.7/33

0.025 $\pm$ 0.000 χ^2 /NDF: 994449.4/17

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.862 $\pm$ 0.000 χ^2 /NDF: 3228021390.5/15

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

Right Out: 0.894 $\pm$ 0.000 χ^2 /NDF: 3798826320.9/17

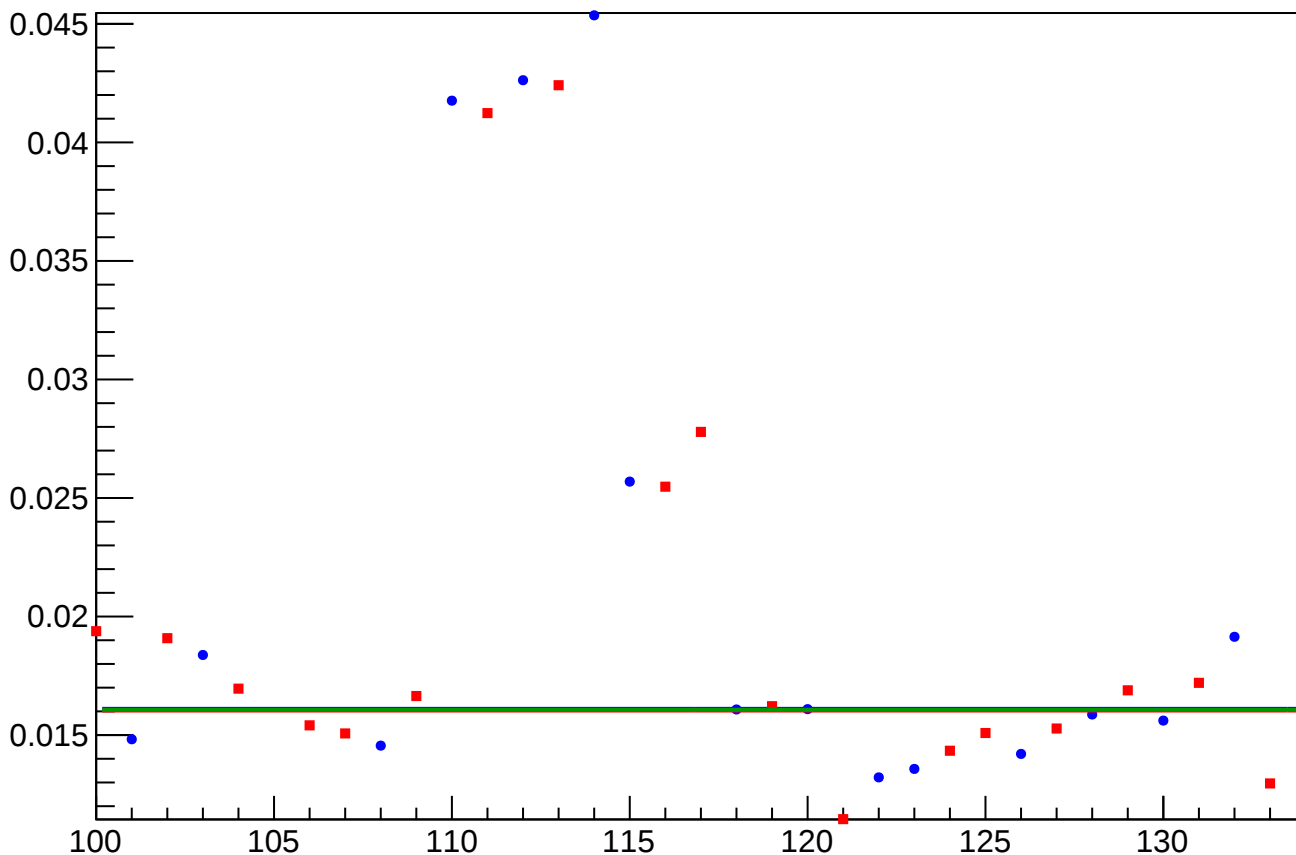
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.862 $\pm$ 0.000 χ^2 /NDF: 3228021390.5/15

0.879 $\pm$ 0.000 χ^2 /NDF: 7037913689.9/33

0.894 $\pm$ 0.000 χ^2 /NDF: 3798826320.9/17

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 847116.8/15

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

Right Out: 0.016+/-0.000 χ^2/NDF : 934393.5/17

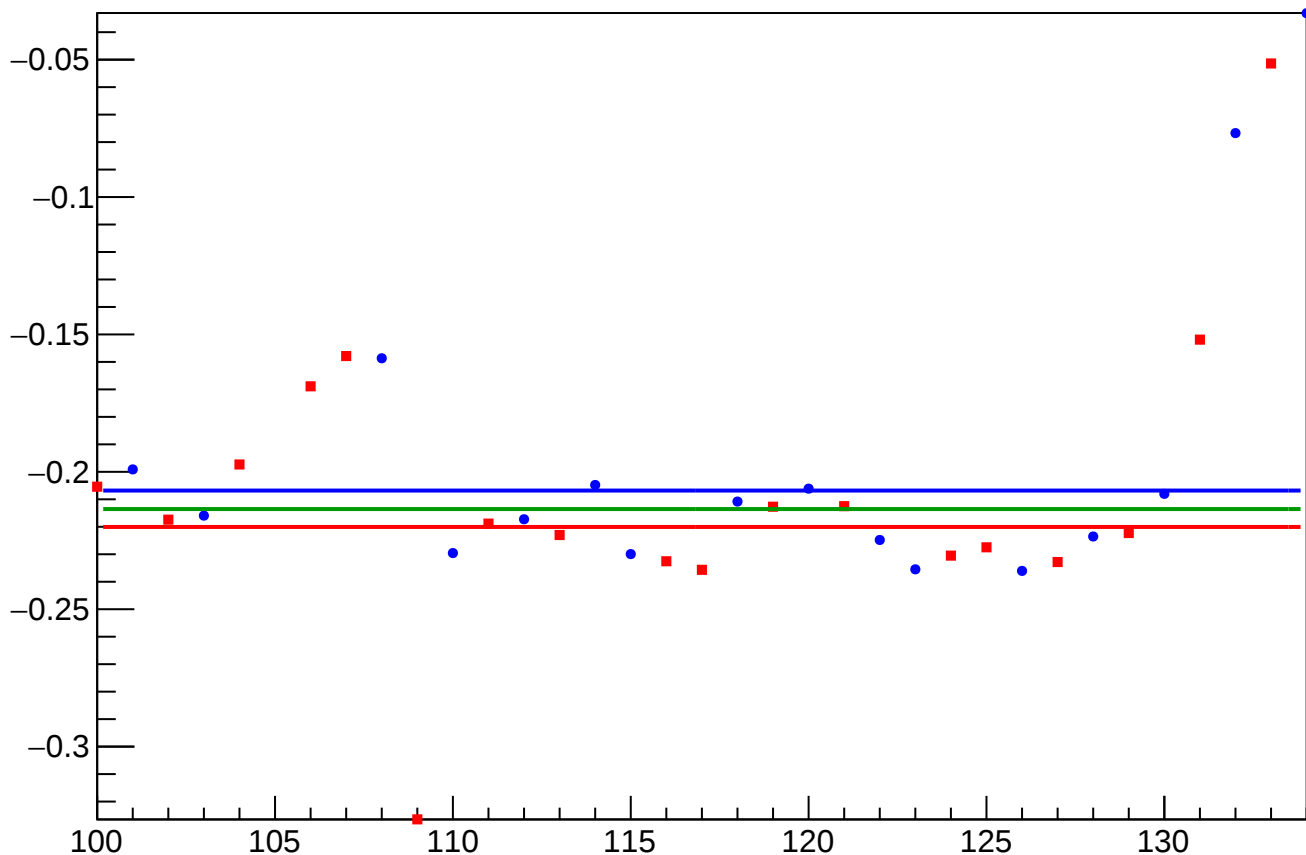
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 847116.8/15

0.016+/-0.000 χ^2/NDF : 1781611.2/33

0.016+/-0.000 χ^2/NDF : 934393.5/17

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.207 ± 0.000 $\chi^2/\text{NDF}: 20670295.1/15$

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

Right Out: -0.220 ± 0.000 $\chi^2/\text{NDF}: 26411059.1/17$

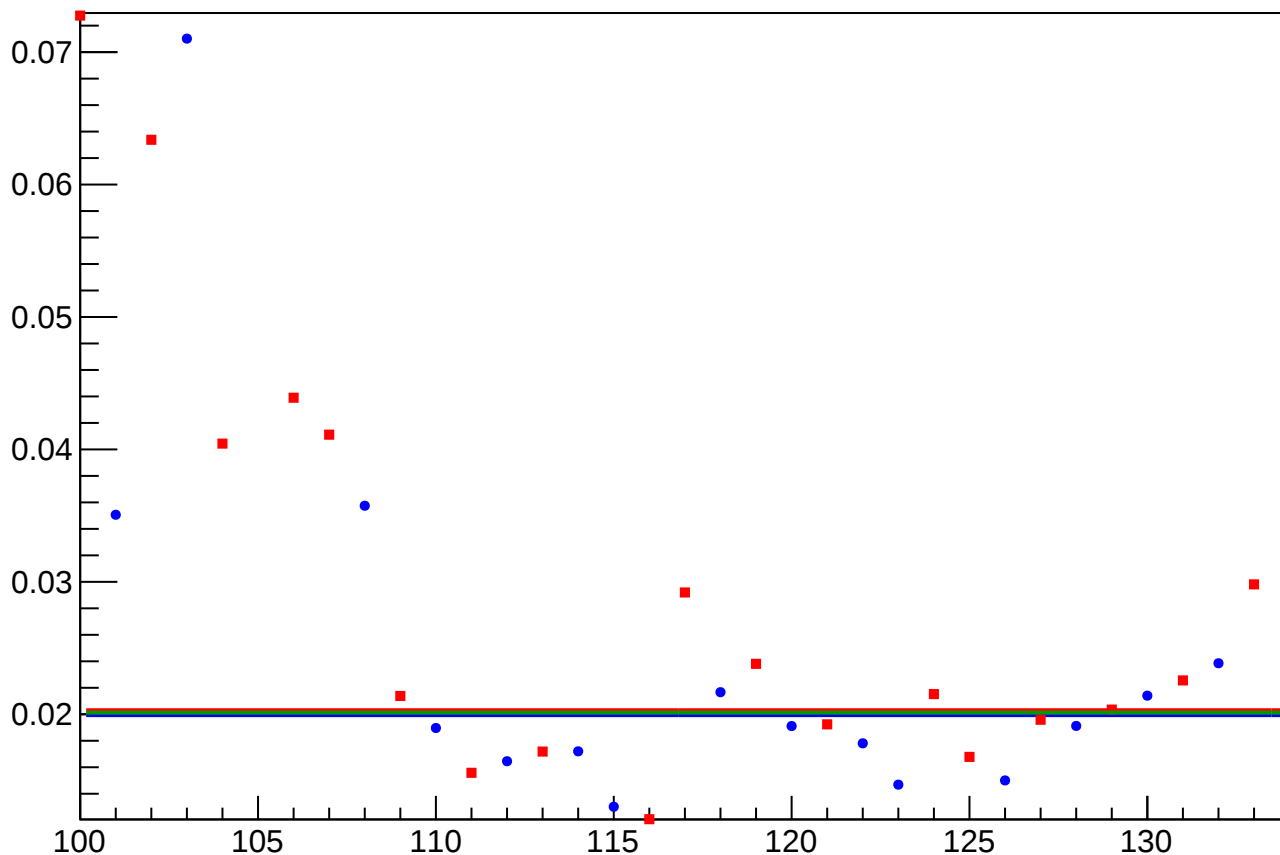
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.207 ± 0.000 $\chi^2/\text{NDF}: 20670295.1/15$

-0.214 ± 0.000 $\chi^2/\text{NDF}: 48067193.8/33$

-0.220 ± 0.000 $\chi^2/\text{NDF}: 26411059.1/17$

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1099735.7/15

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1402521.1/17

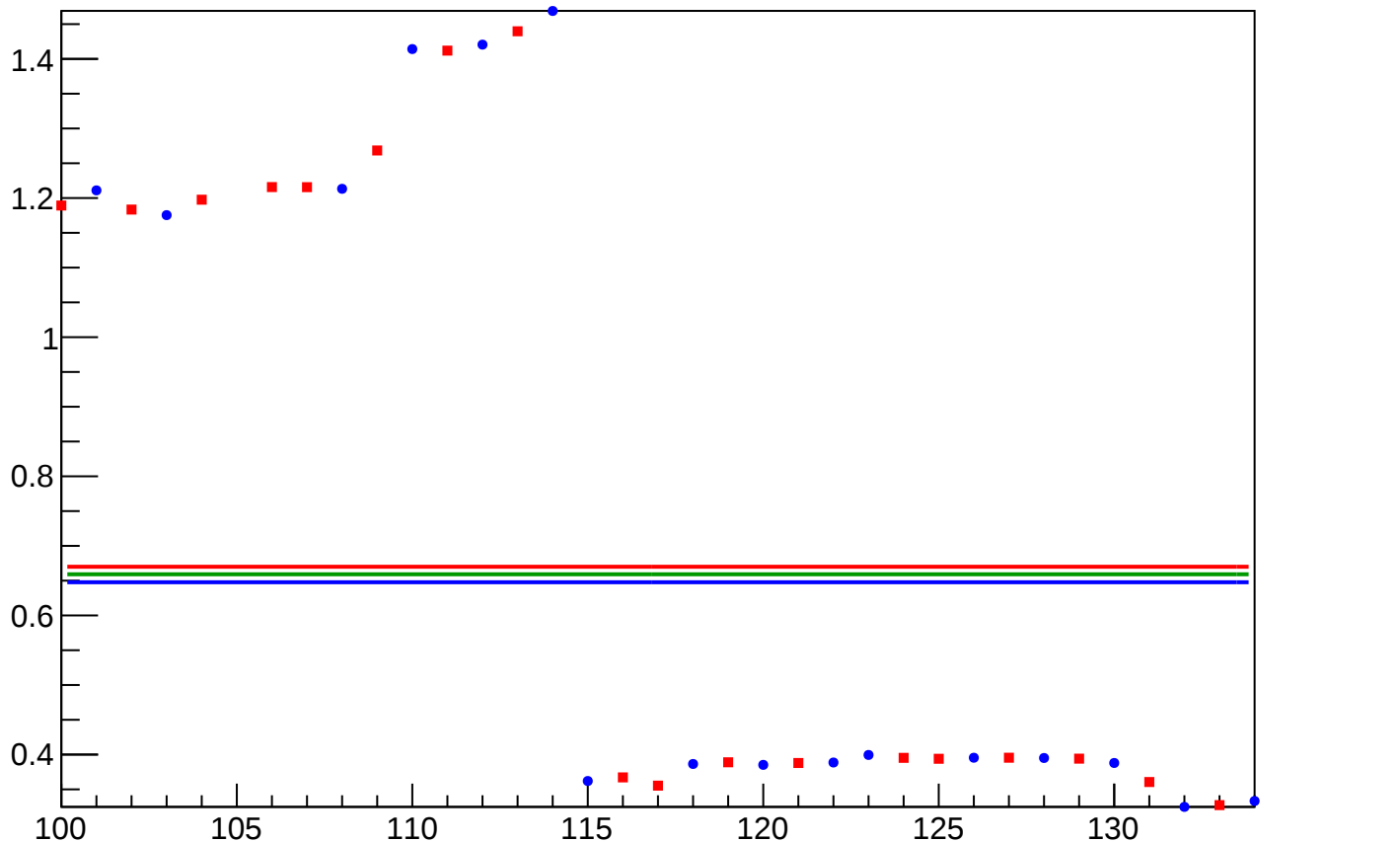
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1099735.7/15

0.020+/-0.000 χ^2/NDF : 2503793.3/33

0.020+/-0.000 χ^2/NDF : 1402521.1/17

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.648 $\pm$ 0.000 χ^2/NDF : 4294727417.6/15

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

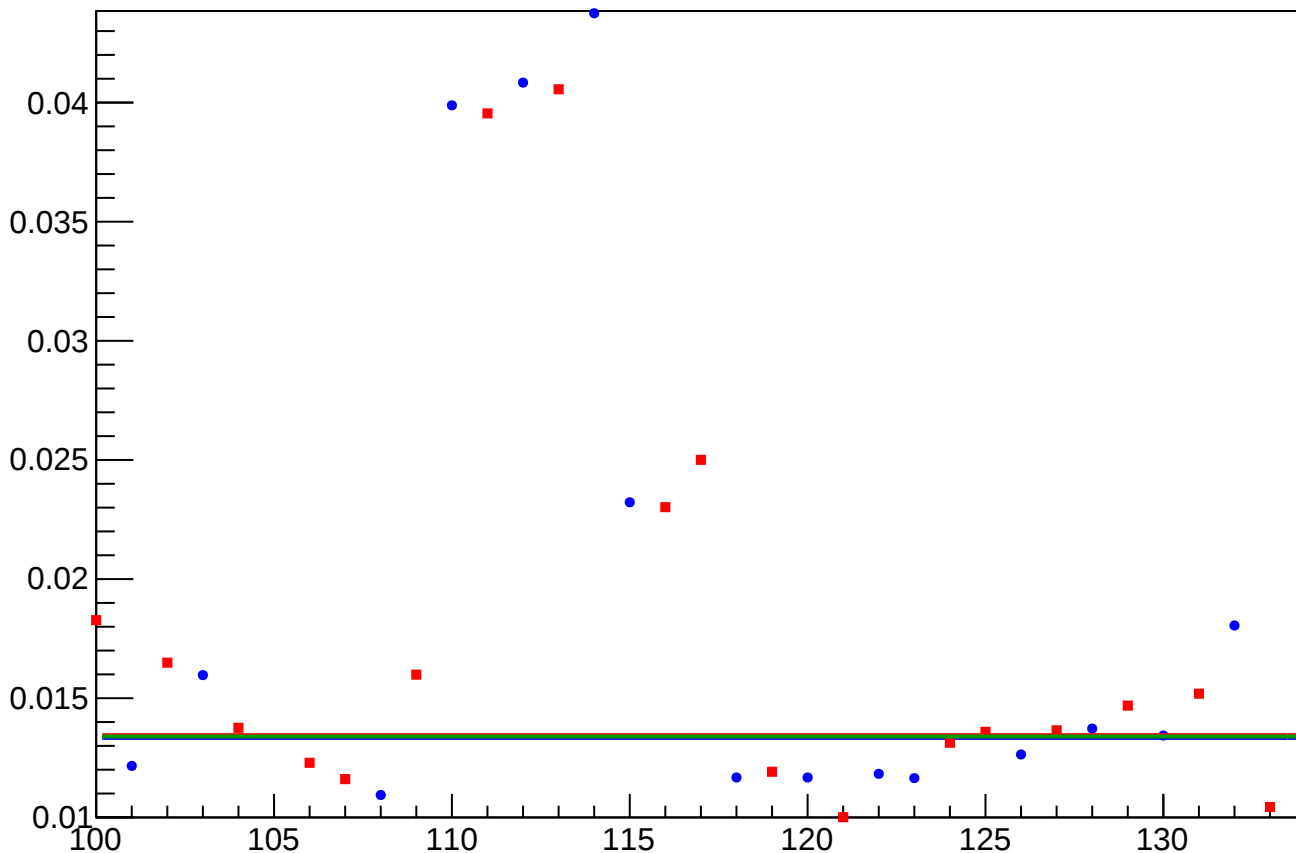
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.648 $\pm$ 0.000 χ^2/NDF : 4294727417.6/15

0.659 $\pm$ 0.000 χ^2/NDF : 9182206624.8/33

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 : 1012242.0/15

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

Right Out: 0.013+/-0.000 χ^2/NDF : 1101617.4/17

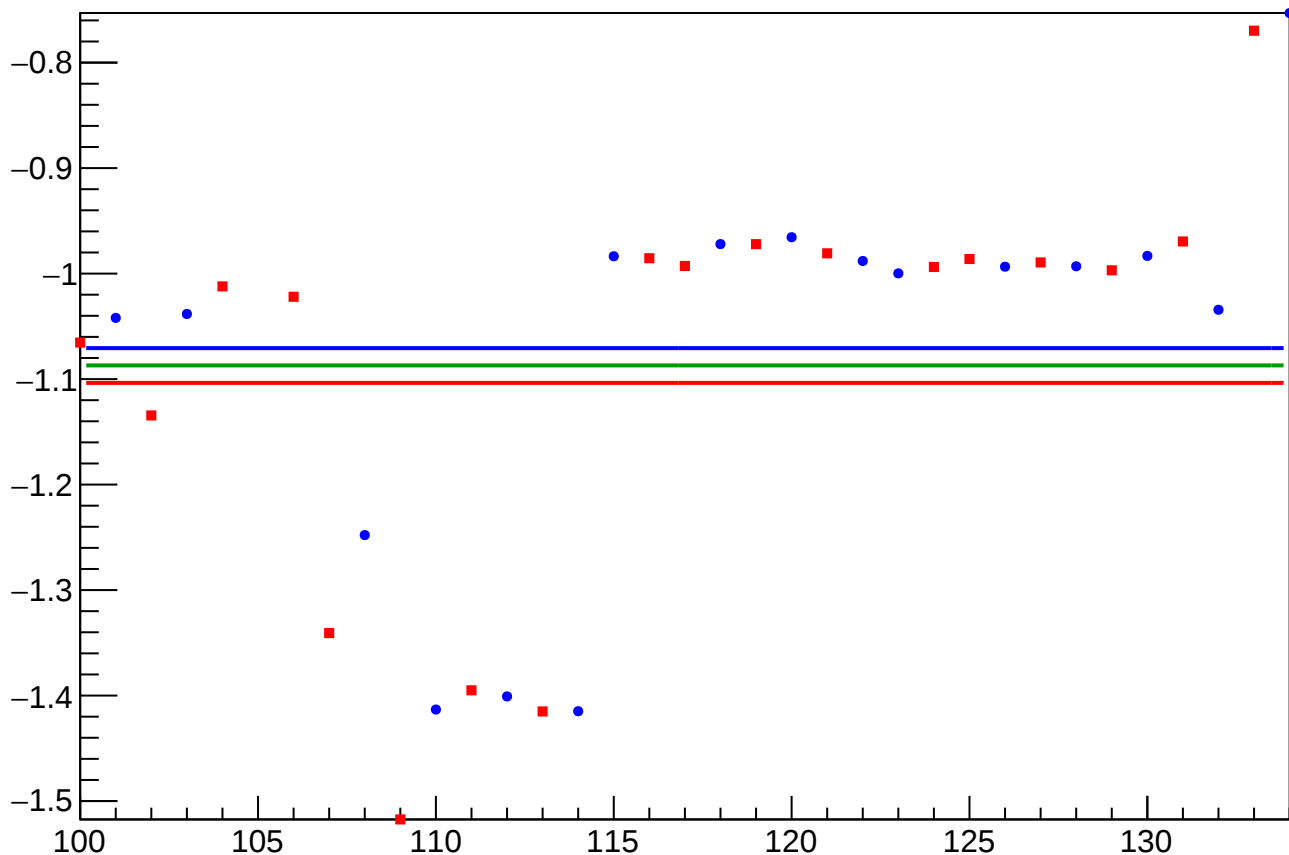
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1012242.0/15

0.013+/-0.000 χ^2/NDF : 2114226.4/33

0.013+/-0.000 χ^2/NDF : 1101617.4/17

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.071+/-0.000 χ^2 /NDF: 251045142.0/15

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

Right Out: -1.104+/-0.000 χ^2 /NDF: 365225342.4/17

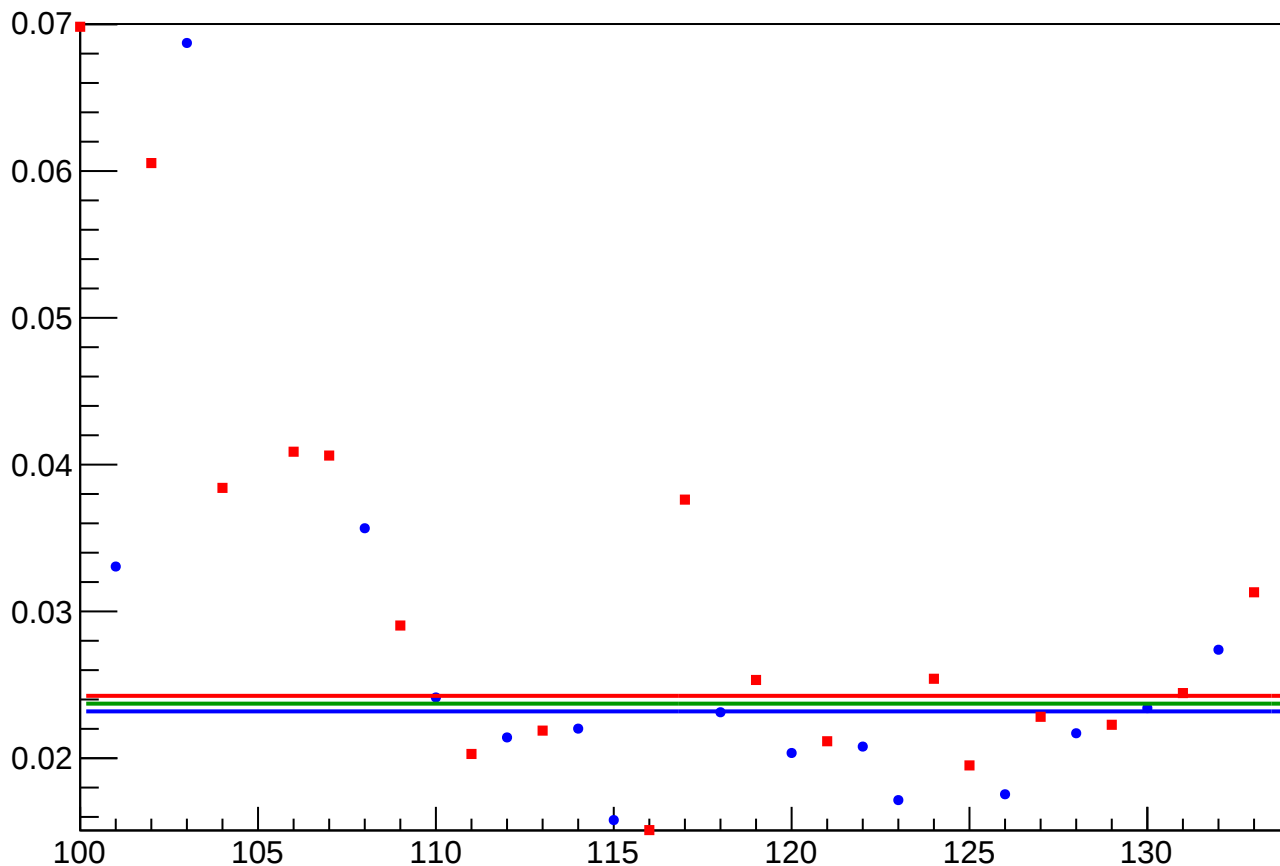
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.071+/-0.000 χ^2 /NDF: 251045142.0/15

-1.087+/-0.000 χ^2 /NDF: 620803730.2/33

-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 : 809880.3/15

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

Right Out: 0.024+/-0.000 χ^2/NDF : 985486.1/17

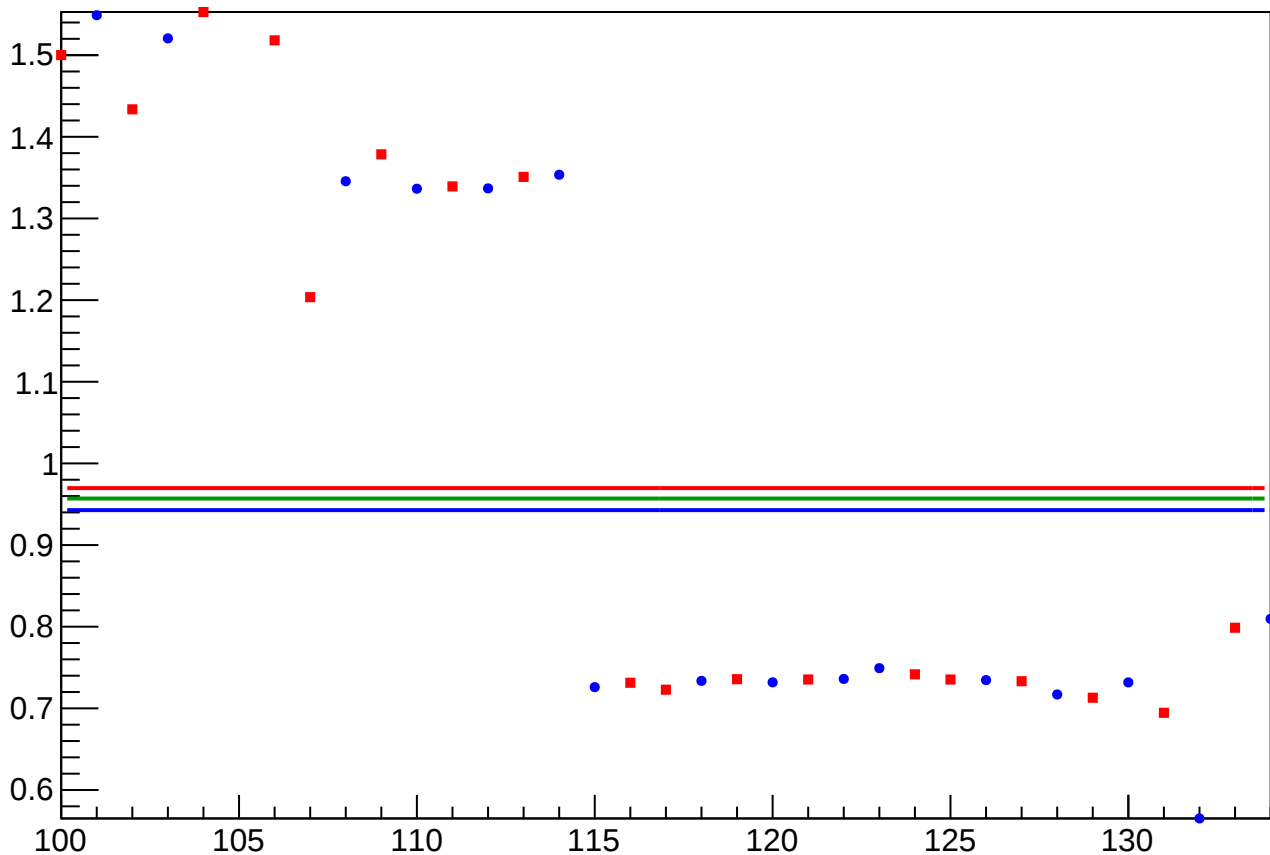
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 809880.3/15

0.024+/-0.000 χ^2/NDF : 1804739.3/33

0.024+/-0.000 χ^2/NDF : 985486.1/17

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.943+/-0.000 χ^2/NDF : 2260942649.0/15

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

Right Out: 0.970+/-0.000 χ^2/NDF : 2275499951.8/17

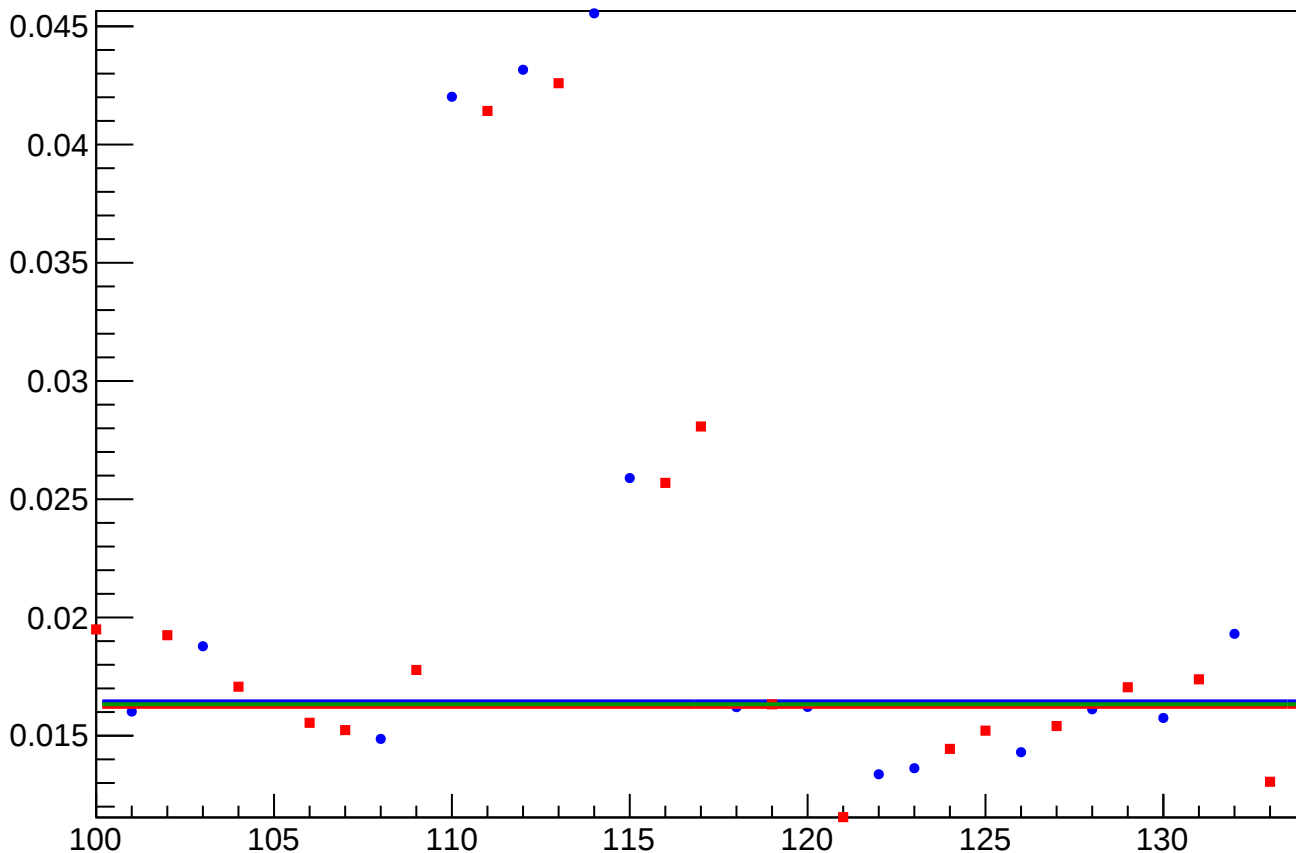
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.943+/-0.000 χ^2/NDF : 2260942649.0/15

0.957+/-0.000 χ^2/NDF : 4543708108.5/33

0.970+/-0.000 χ^2/NDF : 2275499951.8/17

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 833799.9/15

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

Right Out: 0.016+/-0.000 χ^2/NDF : 935863.2/17

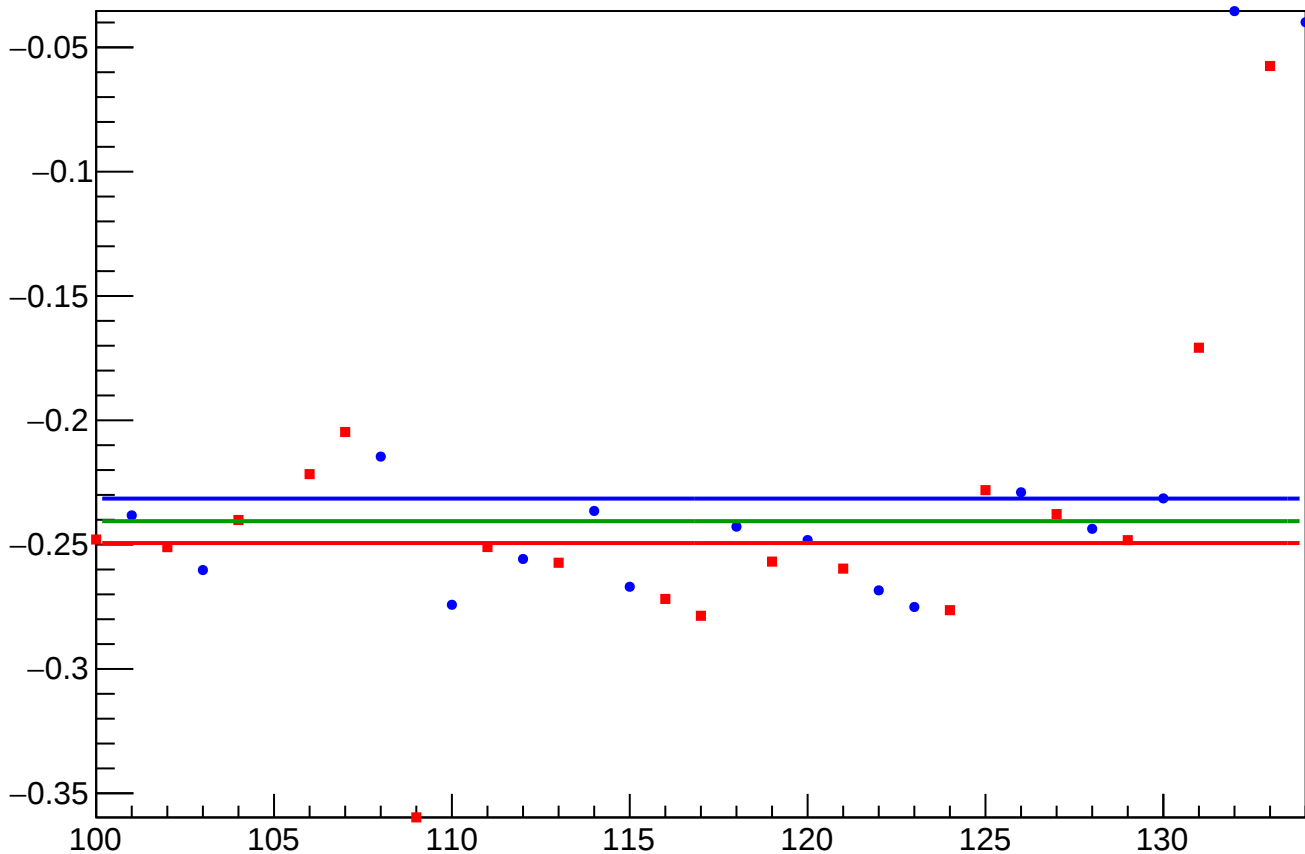
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 833799.9/15

0.016+/-0.000 χ^2/NDF : 1770726.7/33

0.016+/-0.000 χ^2/NDF : 935863.2/17

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.231+/-0.000 χ^2 /NDF: 38178776.6/15

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

Right Out: -0.249+/-0.000 χ^2 /NDF: 31728187.5/17

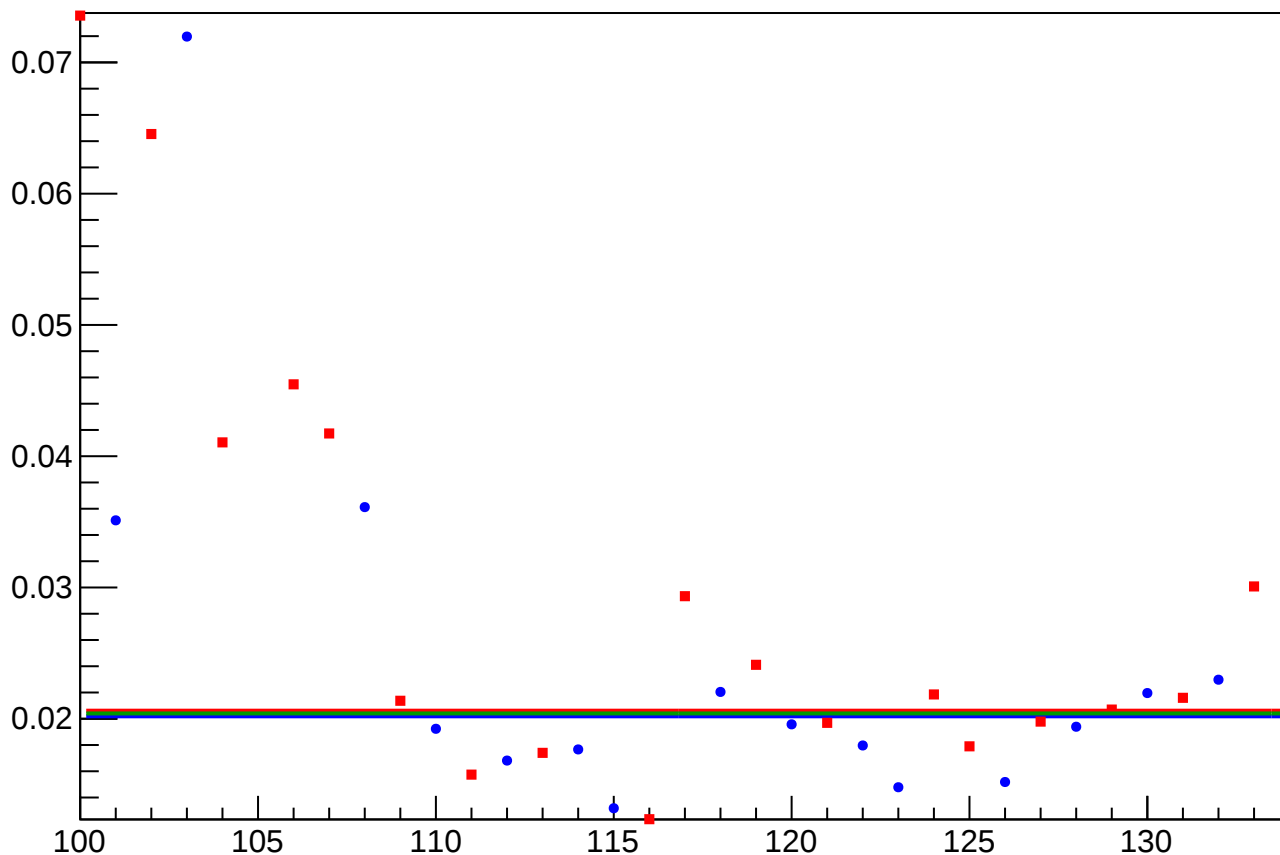
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.231+/-0.000 χ^2 /NDF: 38178776.6/15

-0.241+/-0.000 χ^2 /NDF: 71656338.9/33

-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 : 1078785.1/15

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

Right Out: 0.021+/-0.000 χ^2/NDF : 1390002.0/17

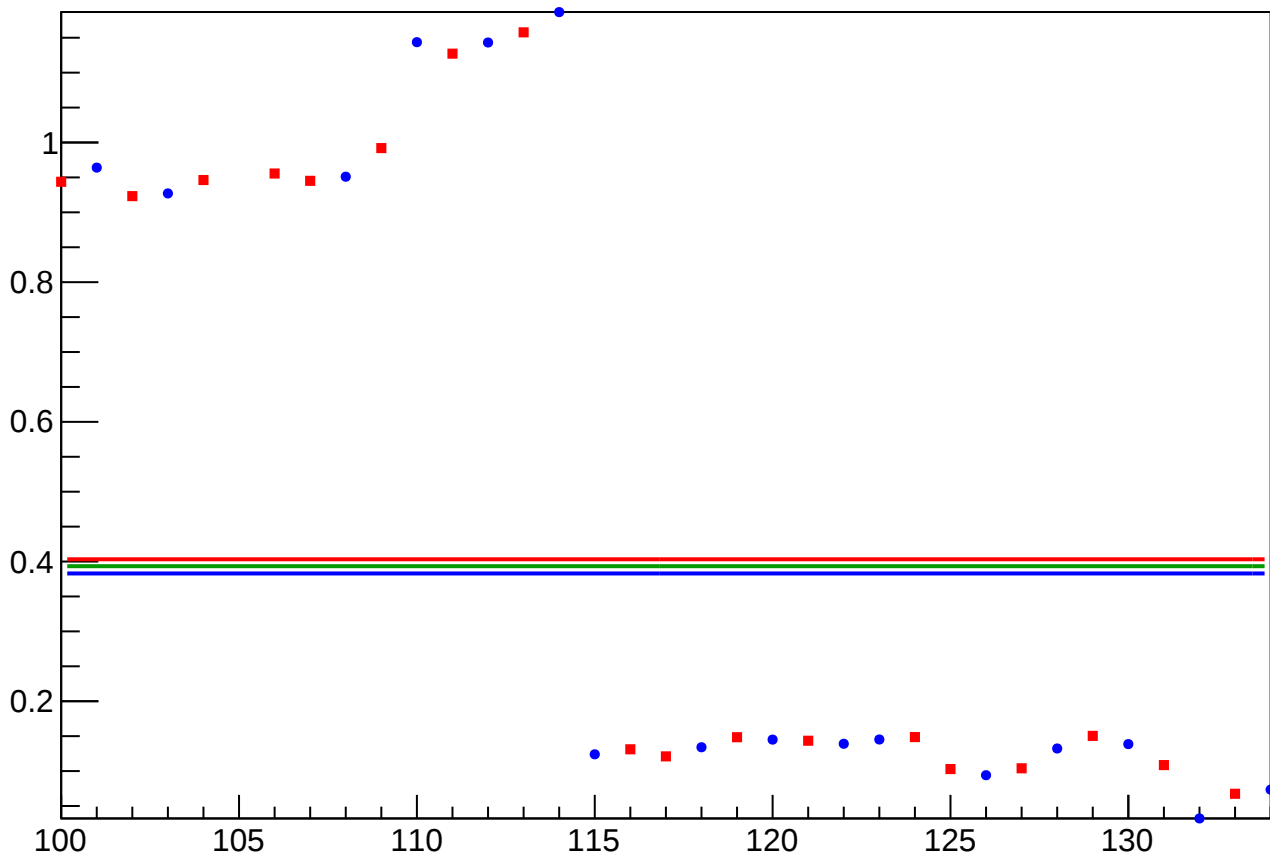
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1078785.1/15

0.020+/-0.000 χ^2/NDF : 2470799.9/33

0.021+/-0.000 χ^2/NDF : 1390002.0/17

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.383+/-0.000 χ^2/NDF : 4398771409.6/15

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

Right Out: 0.403+/-0.000 χ^2/NDF : 4808806779.0/17

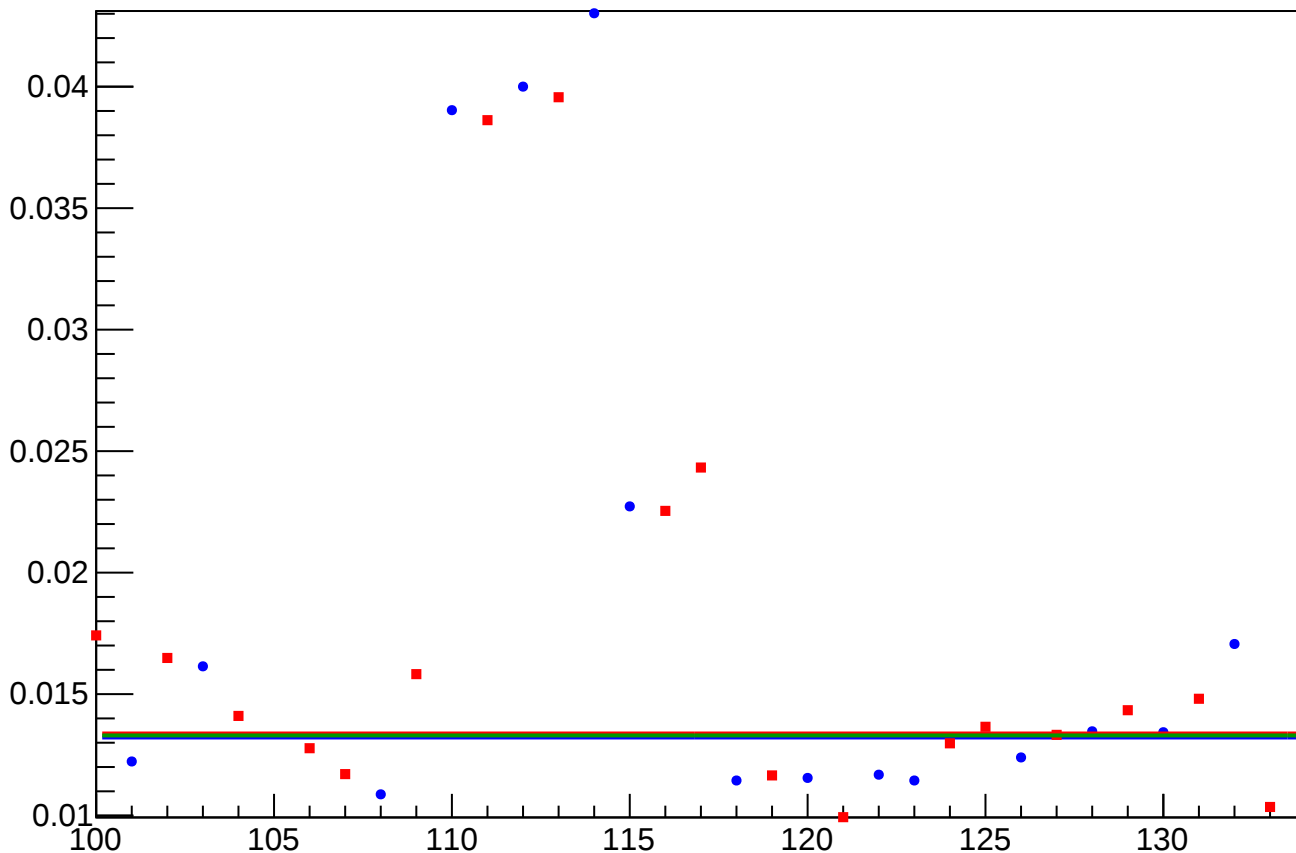
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.383+/-0.000 χ^2/NDF : 4398771409.6/15

0.393+/-0.000 χ^2/NDF : 9213660572.0/33

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 : 995648.8/15

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

Right Out: 0.013+/-0.000 χ^2/NDF : 1080335.9/17

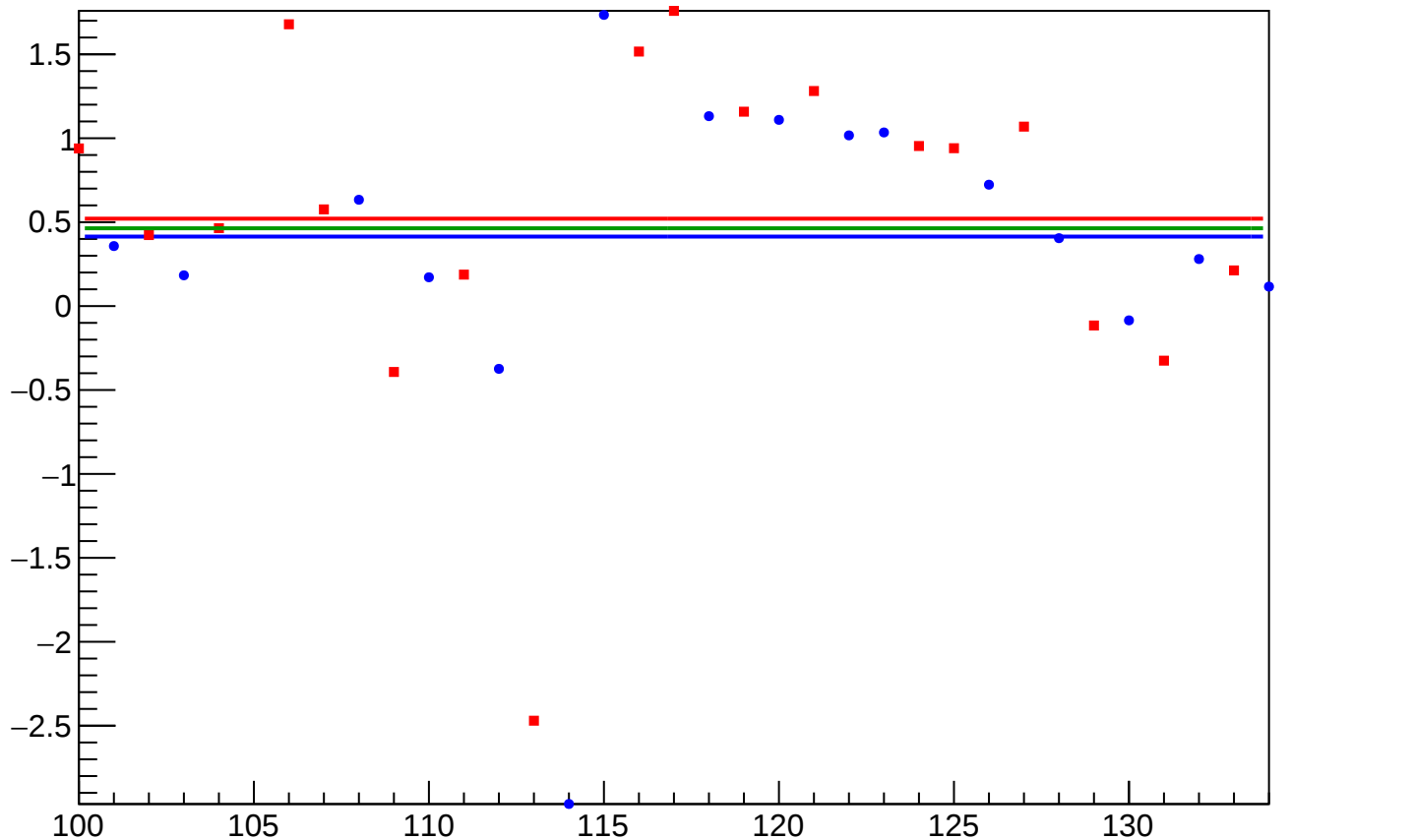
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 995648.8/15

0.013+/-0.000 χ^2/NDF : 2076771.4/33

0.013+/-0.000 χ^2/NDF : 1080335.9/17

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.414+/-0.000 χ^2/NDF : 233390586.2/15

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

Right Out: 0.521+/-0.000 χ^2/NDF : 991556593.0/17

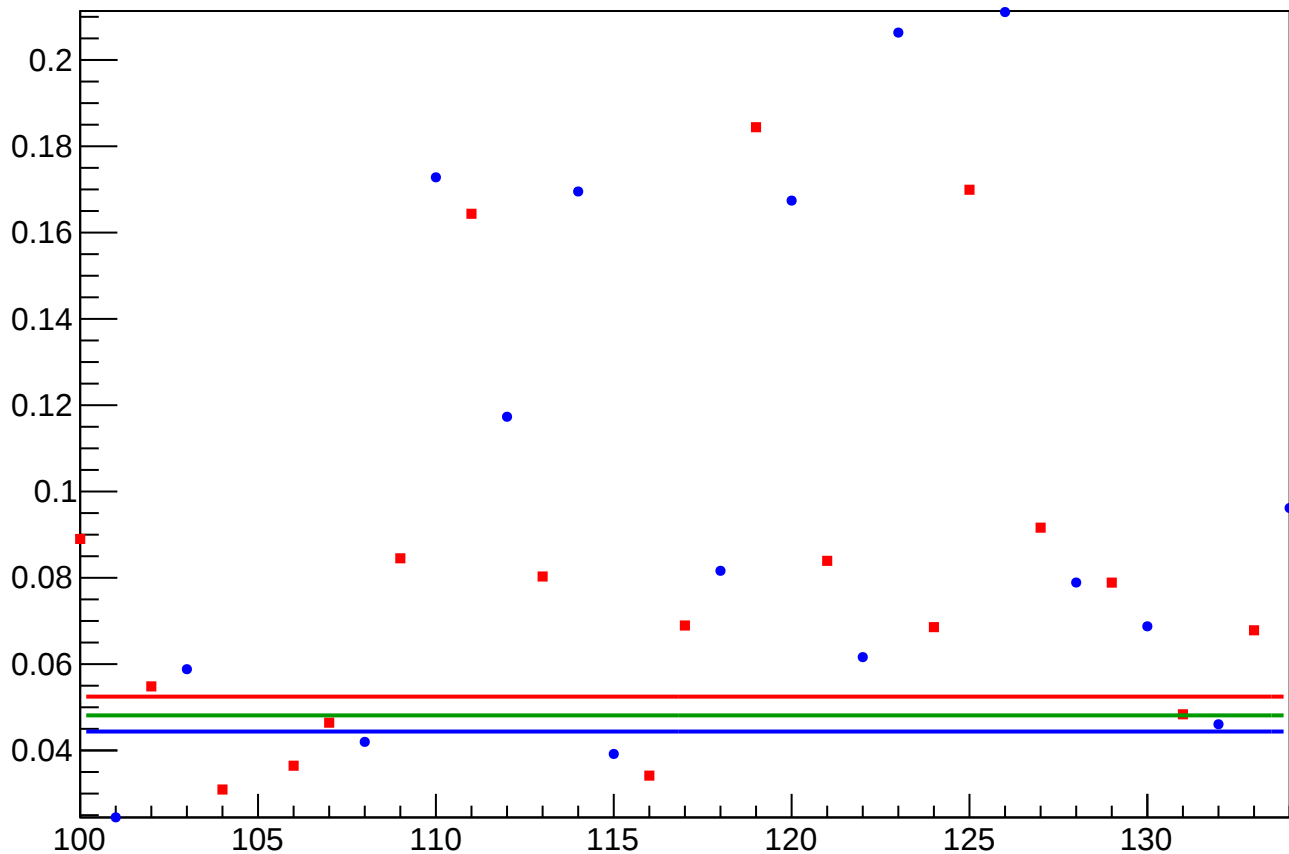
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.414+/-0.000 χ^2/NDF : 233390586.2/15

0.463+/-0.000 χ^2/NDF : 1233433211.8/33

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 : 2824995.4/15

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

Right Out: 0.052+/-0.000 χ^2/NDF : 2183489.3/17

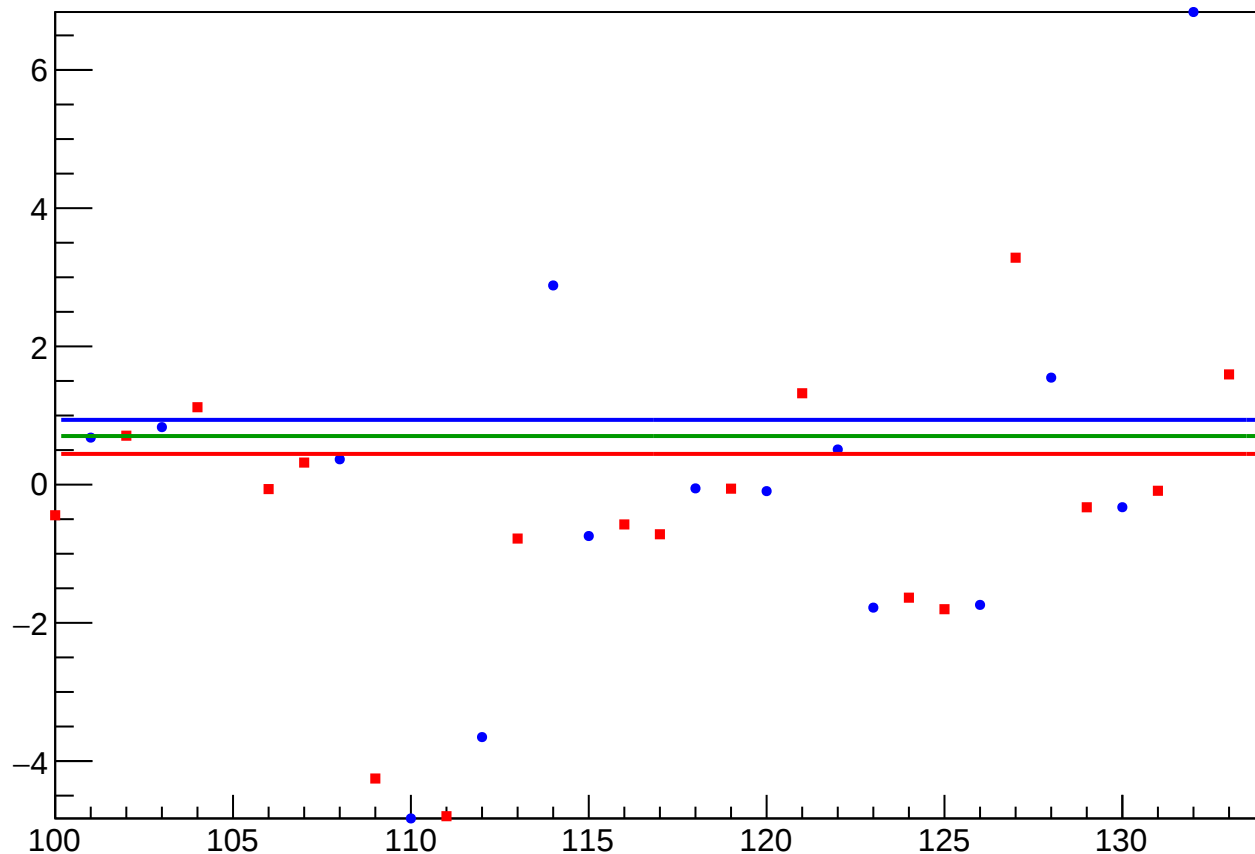
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2824995.4/15

0.048+/-0.000 χ^2/NDF : 5105939.6/33

0.052+/-0.000 χ^2/NDF : 2183489.3/17

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.937 $\pm$ 0.000 χ^2/NDF : 10073697526.1/15

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

Right Out: 0.444 $\pm$ 0.000 χ^2/NDF : 4489750114.8/17

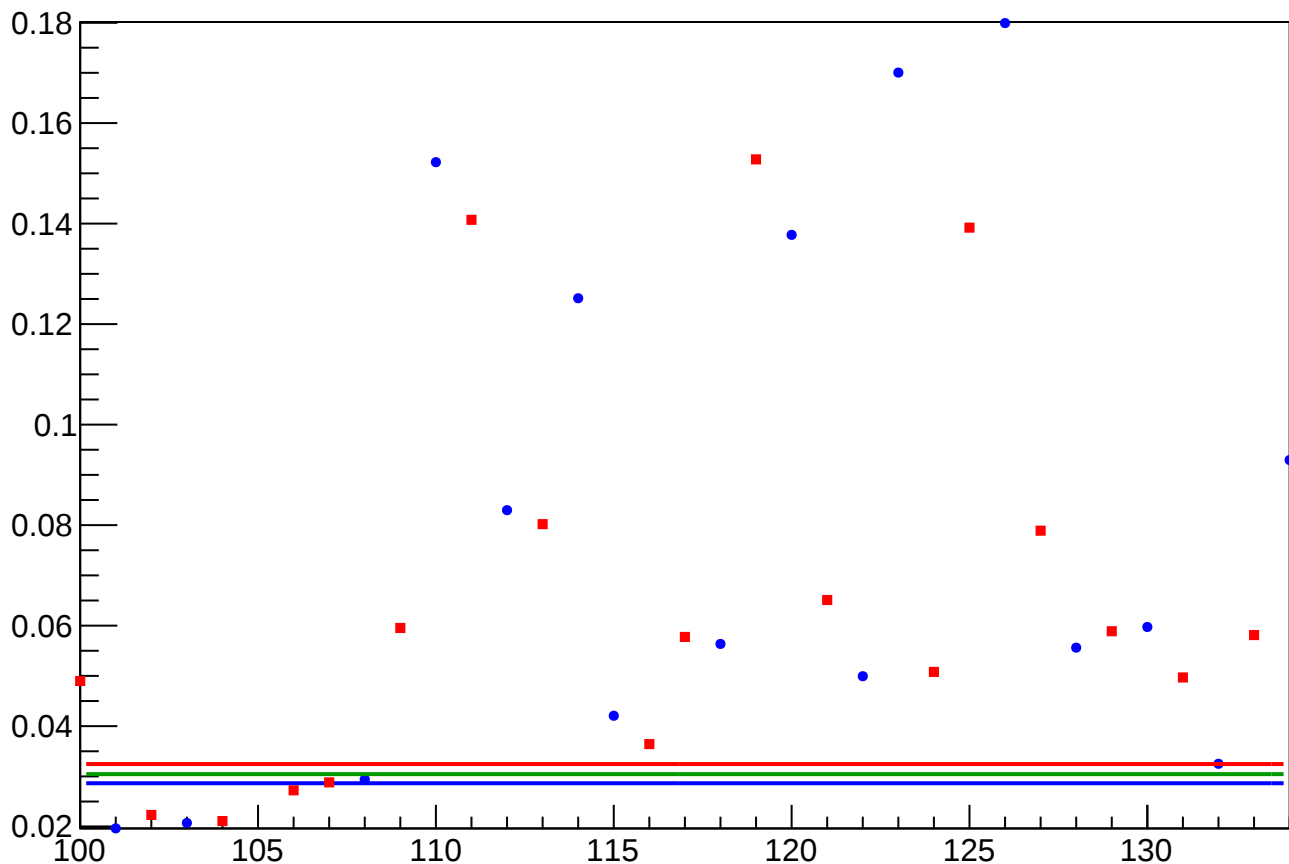
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.937 $\pm$ 0.000 χ^2/NDF : 10073697526.1/15

0.703 $\pm$ 0.000 χ^2/NDF : 14993100040.6/3

0.444 $\pm$ 0.000 χ^2/NDF : 4489750114.8/17

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 2958948.2/15

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

Right Out: 0.032+/-0.000 χ^2/NDF : 3007332.1/17

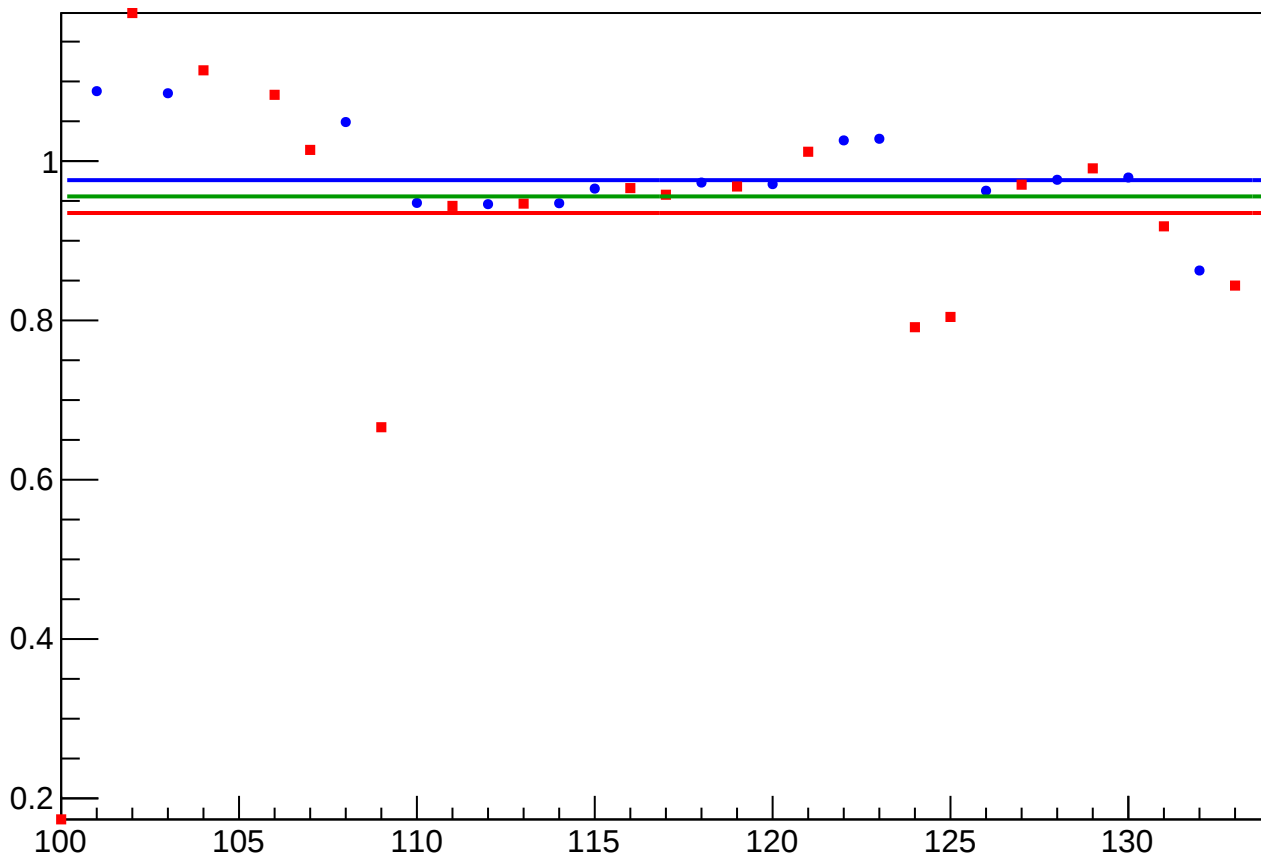
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 2958948.2/15

0.030+/-0.000 χ^2/NDF : 6017868.9/33

0.032+/-0.000 χ^2/NDF : 3007332.1/17

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.976+/-0.000 χ^2/NDF : 88919088.0/15

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

Right Out: 0.935+/-0.000 χ^2/NDF : 338376170.2/17

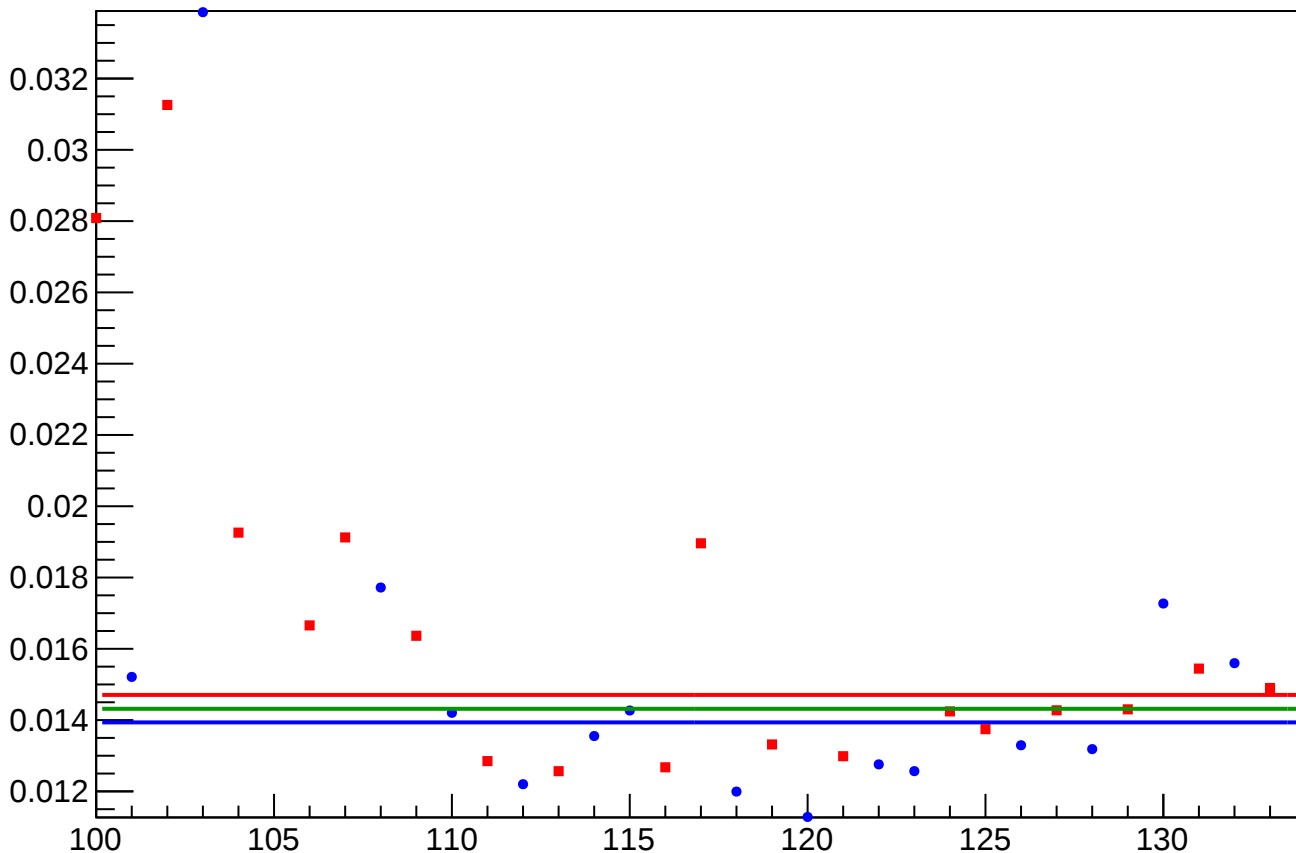
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.976+/-0.000 χ^2/NDF : 88919088.0/15

0.956+/-0.000 χ^2/NDF : 449281522.5/33

0.935+/-0.000 χ^2/NDF : 338376170.2/17

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 529109.4/15

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

Right Out: 0.015+/-0.000 χ^2/NDF : 474378.0/17

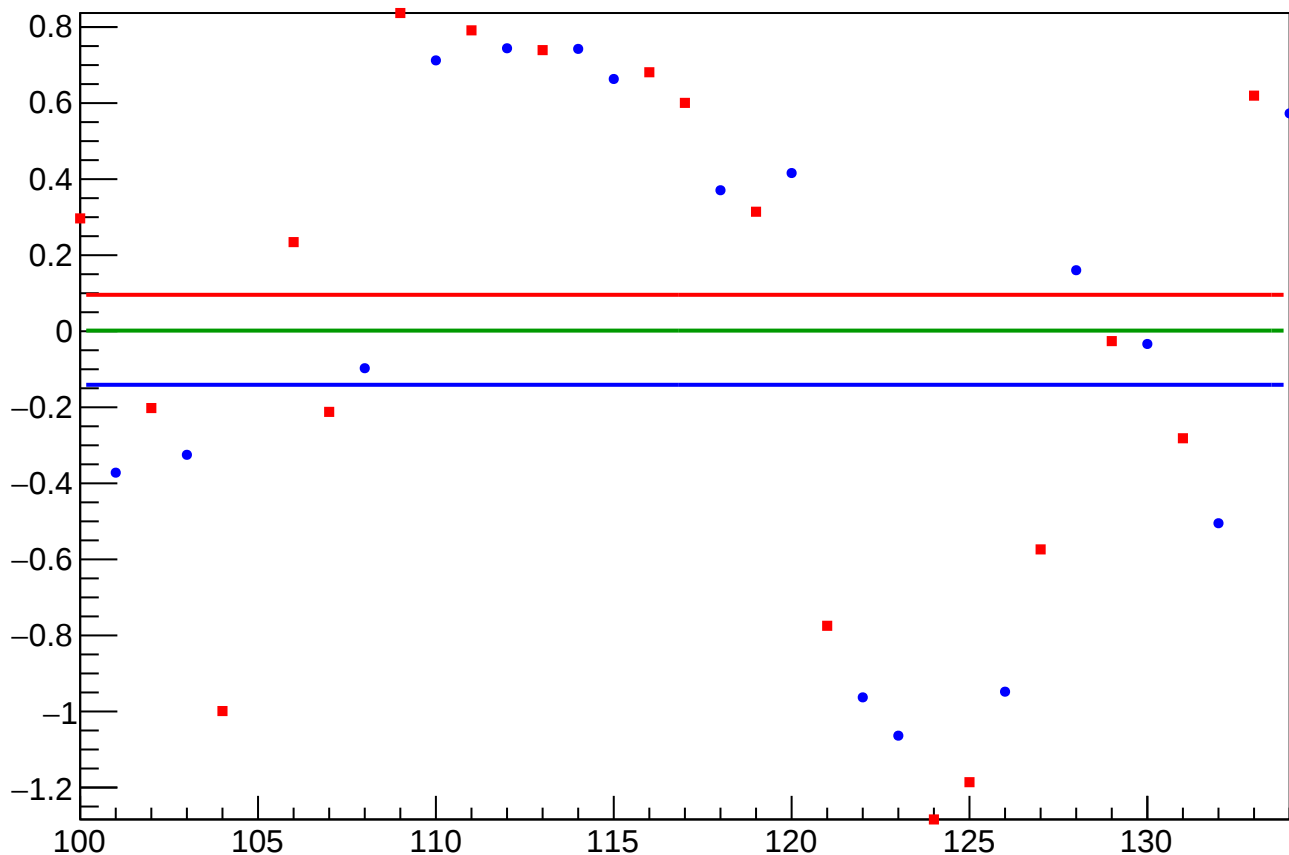
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 529109.4/15

0.014+/-0.000 χ^2/NDF : 1018840.5/33

0.015+/-0.000 χ^2/NDF : 474378.0/17

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.141+/-0.000 χ^2/NDF : 4991905887.7/15

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

Right Out: 0.096+/-0.000 χ^2/NDF : 12247586624.2/17

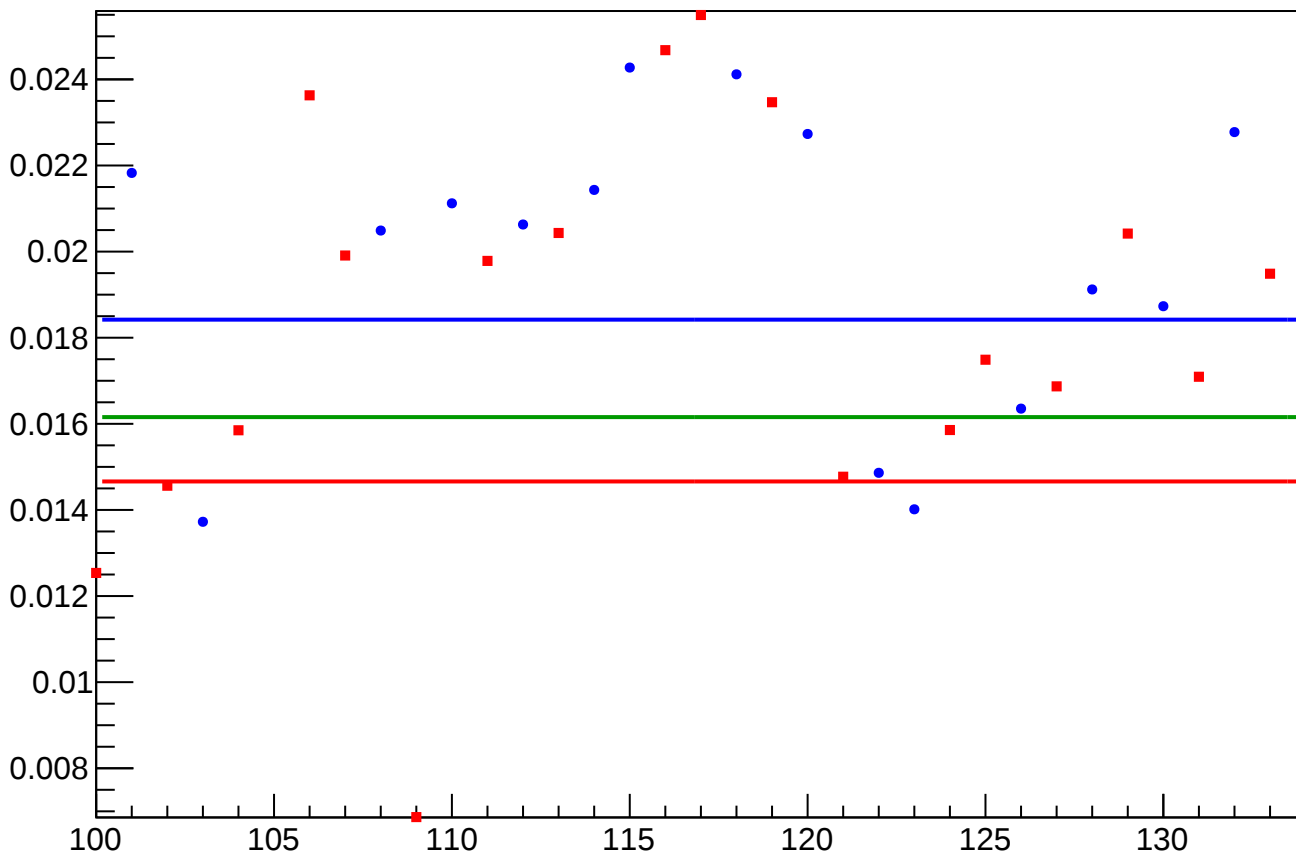
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.141+/-0.000 χ^2/NDF : 4991905887.7/15

0.002+/-0.000 χ^2/NDF : 17762807653.1/3

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 : 366021.1/15

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1463983.1/17

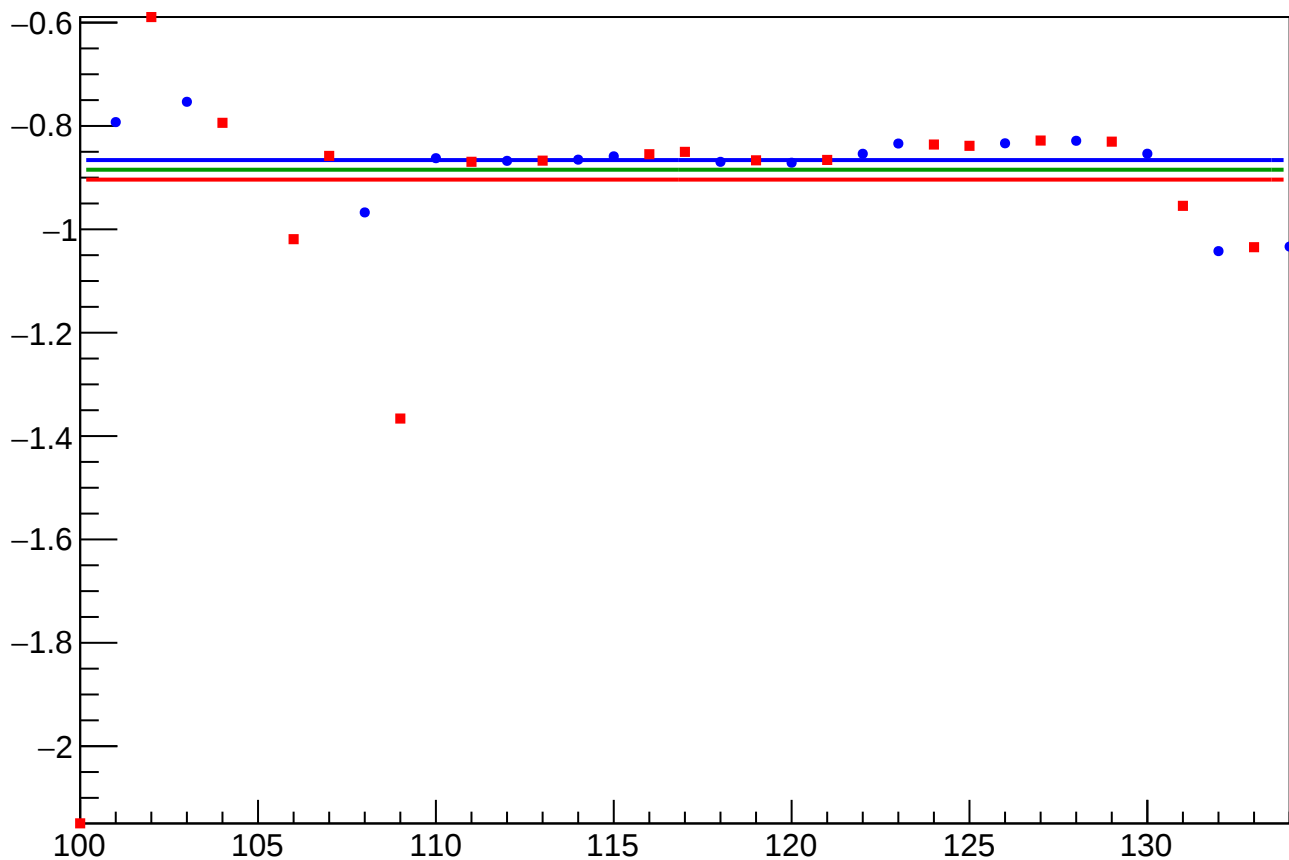
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 366021.1/15

0.016+/-0.000 χ^2/NDF : 2093924.6/33

0.015+/-0.000 χ^2/NDF : 1463983.1/17

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.866+/-0.000 χ^2/NDF : 19856264.0/15

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

Right Out: -0.904+/-0.000 χ^2/NDF : 120305472.9/17

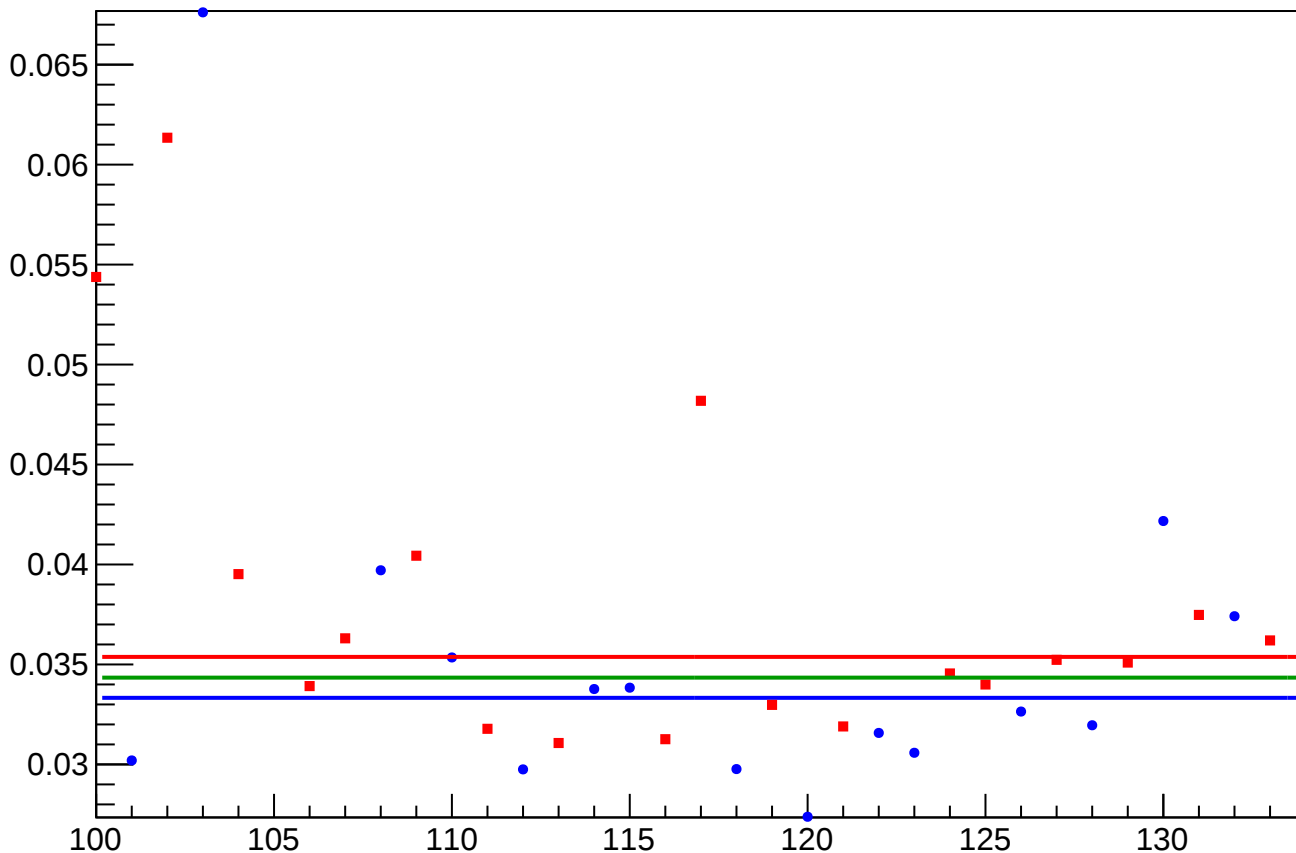
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.866+/-0.000 χ^2/NDF : 19856264.0/15

-0.885+/-0.000 χ^2/NDF : 143401486.2/33

-0.904+/-0.000 χ^2/NDF : 120305472.9/17

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 404730.9/15

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

Right Out: 0.035+/-0.000 χ^2/NDF : 265505.3/17

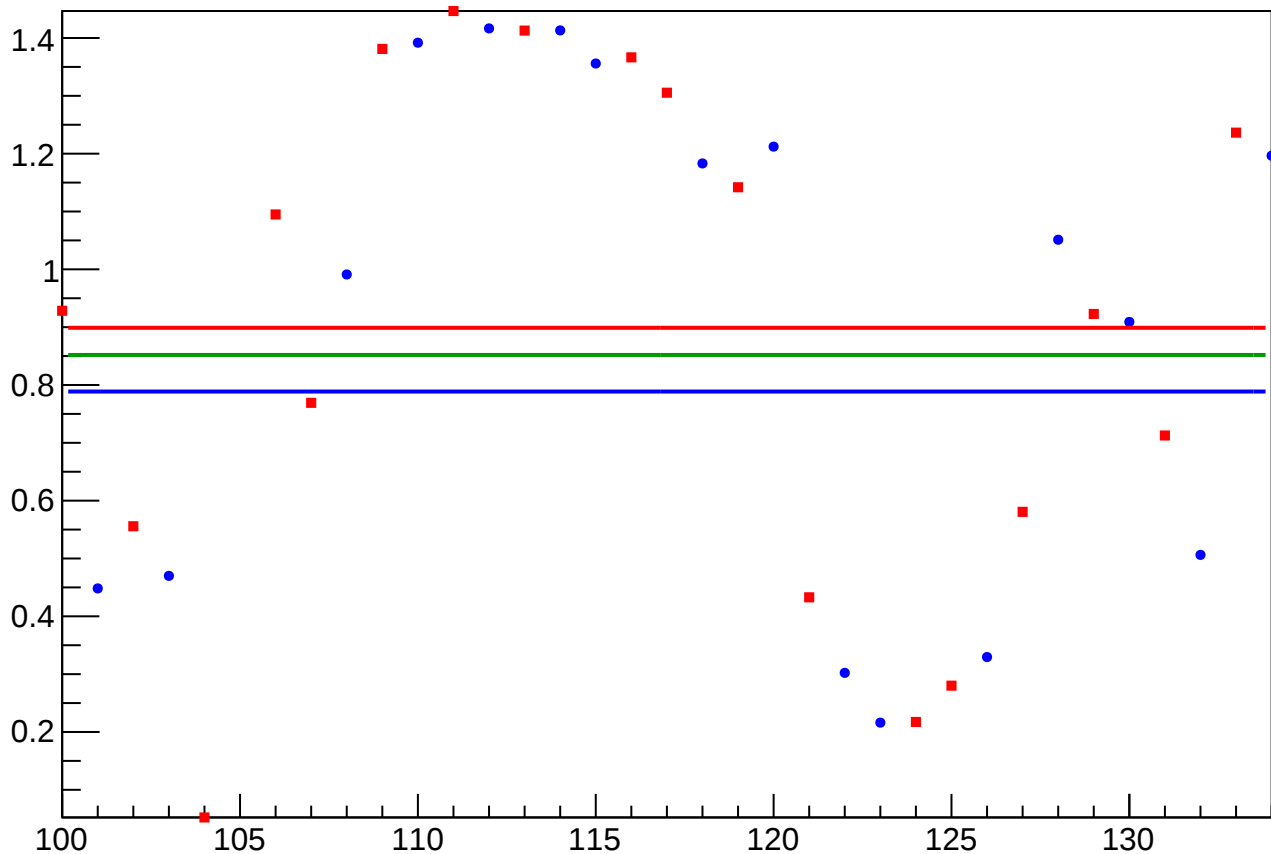
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 404730.9/15

0.034+/-0.000 χ^2/NDF : 689238.0/33

0.035+/-0.000 χ^2/NDF : 265505.3/17

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.789+/-0.000 χ^2/NDF : 5631866080.4/15

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

Right Out: 0.899+/-0.000 χ^2/NDF : 9556497305.0/17

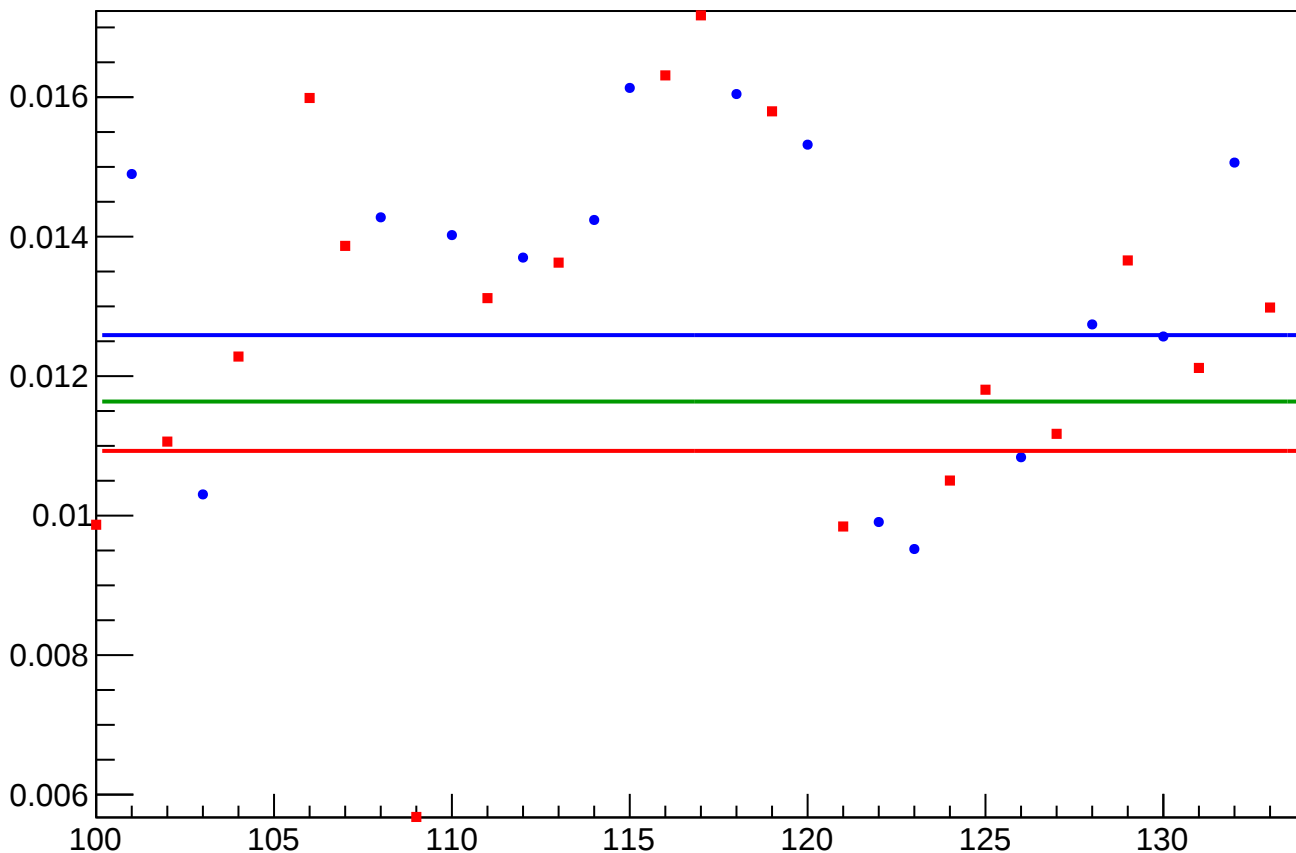
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.789+/-0.000 χ^2/NDF : 5631866080.4/15

0.852+/-0.000 χ^2/NDF : 15421243827.3/3

0.899+/-0.000 χ^2/NDF : 9556497305.0/17

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 286530.8/15

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

Right Out: 0.011+/-0.000 χ^2/NDF : 918946.6/17

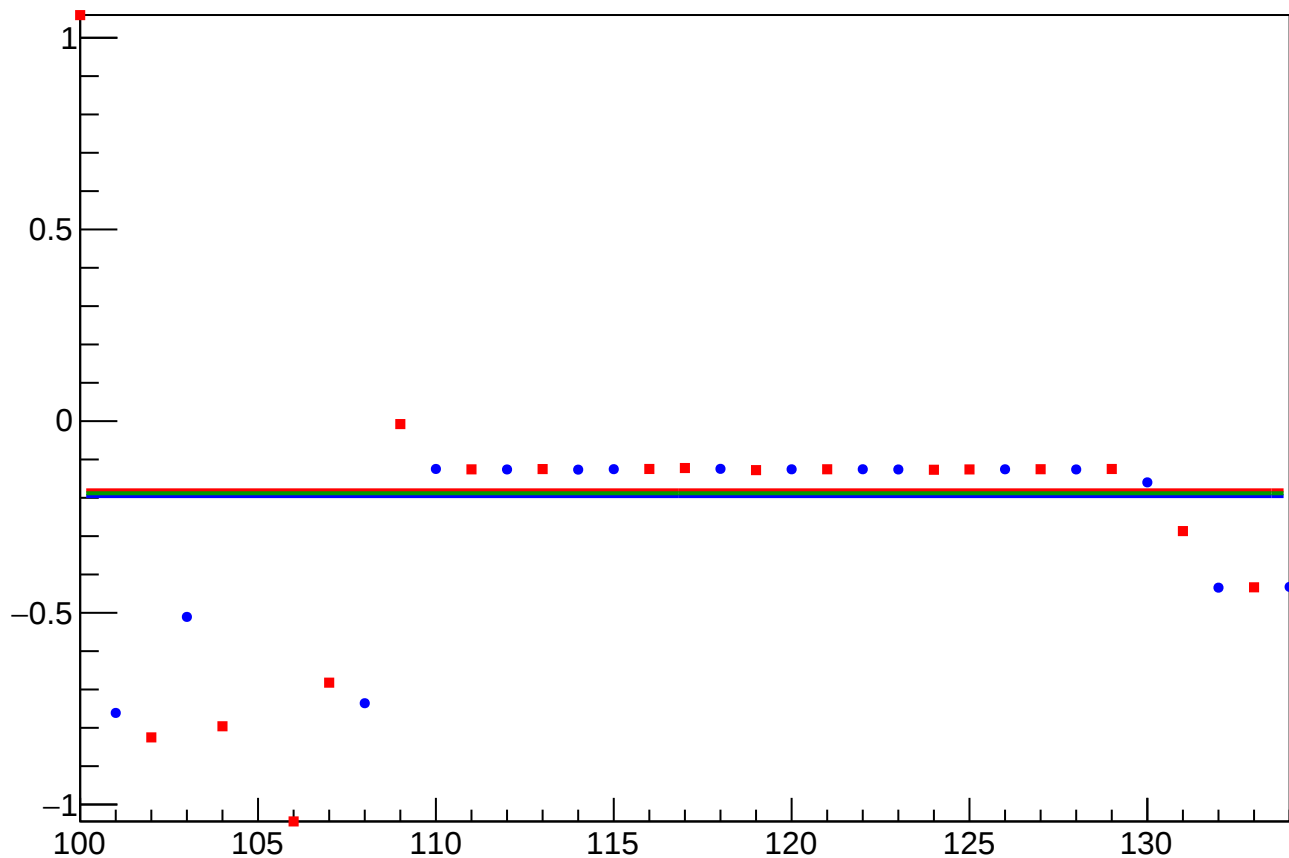
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 286530.8/15

0.012+/-0.000 χ^2/NDF : 1311149.8/33

0.011+/-0.000 χ^2/NDF : 918946.6/17

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.196+/-0.000 χ^2/NDF : 527141771.2/15

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

Right Out: -0.181+/-0.000 χ^2/NDF : 565474202.2/17

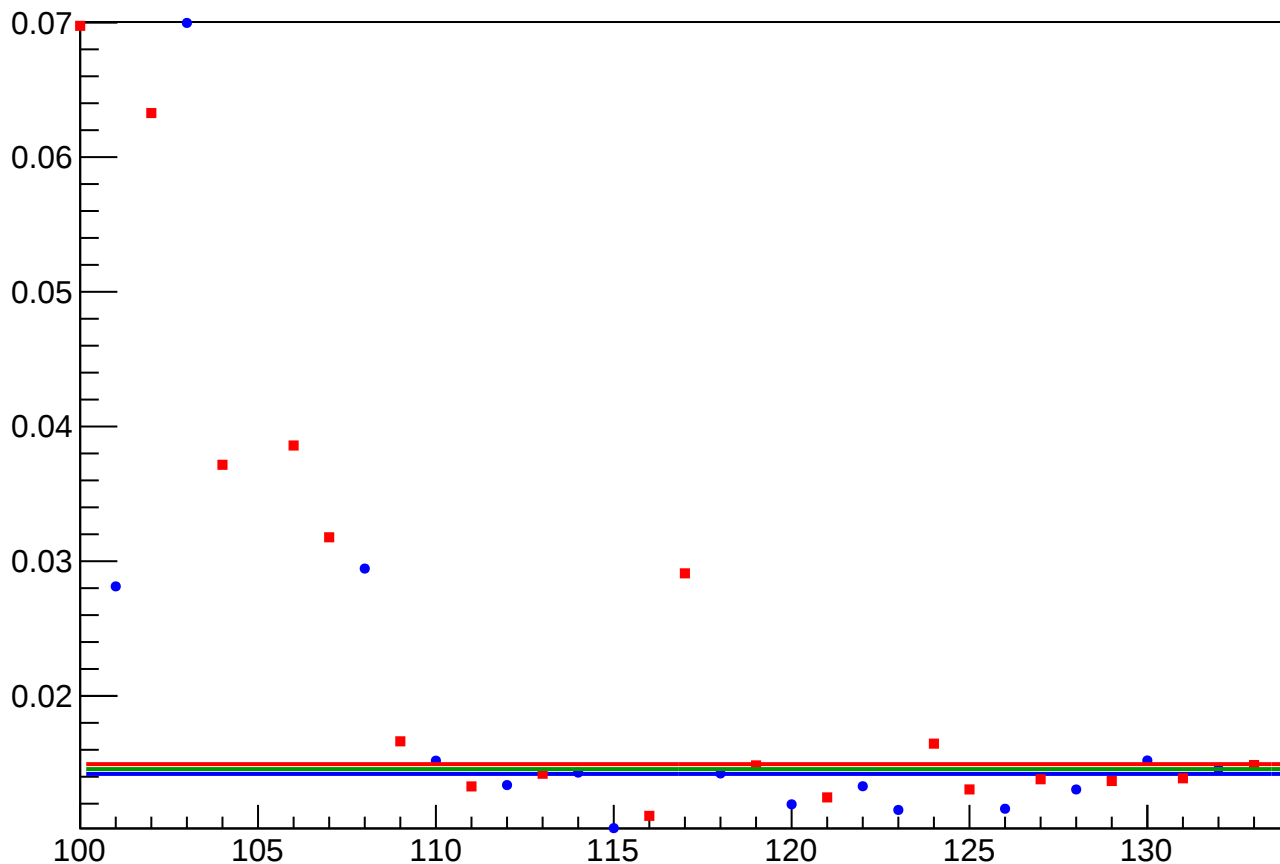
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.196+/-0.000 χ^2/NDF : 527141771.2/15

-0.188+/-0.000 χ^2/NDF : 1094977439.7/30

-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 : 1197306.1/15

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1368090.7/17

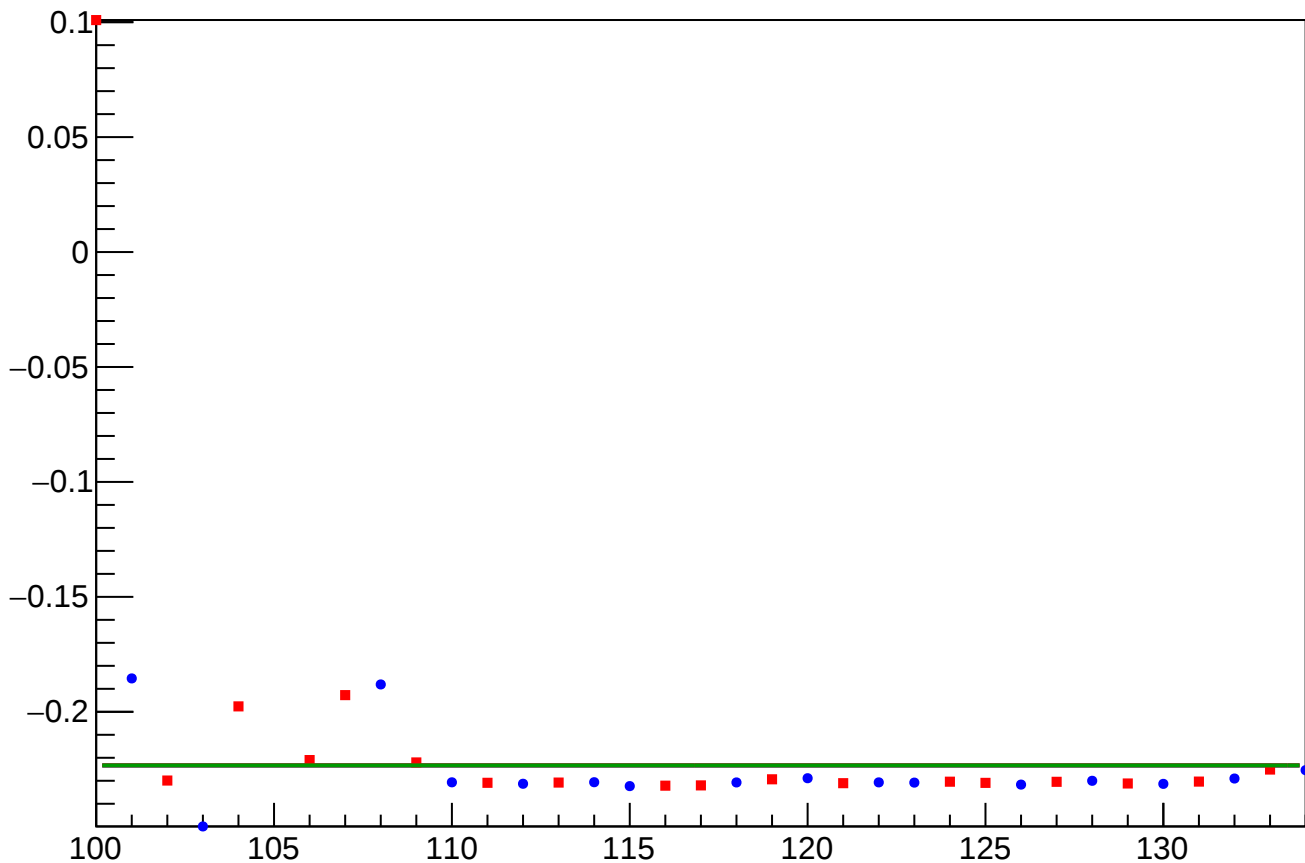
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1197306.1/15

0.015+/-0.000 χ^2/NDF : 2576370.6/33

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 : 74128218.8/15

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

Right Out: -0.223+/-0.000 χ^2/NDF : 168033001.4/17

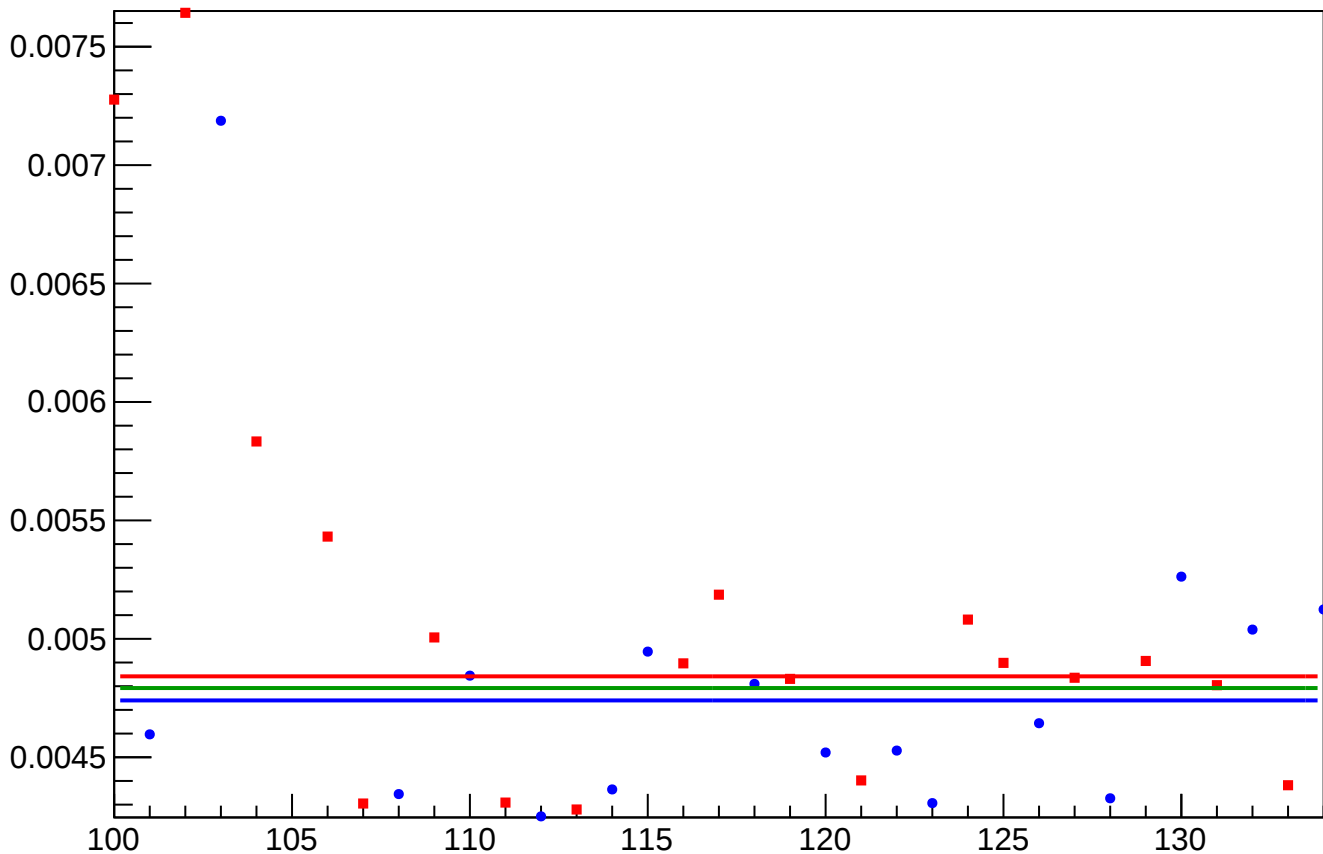
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 74128218.8/15

-0.223+/-0.000 χ^2/NDF : 242161381.8/33

-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 : 168963.7/15

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

Right Out: 0.005+/-0.000 χ^2/NDF : 236399.0/17

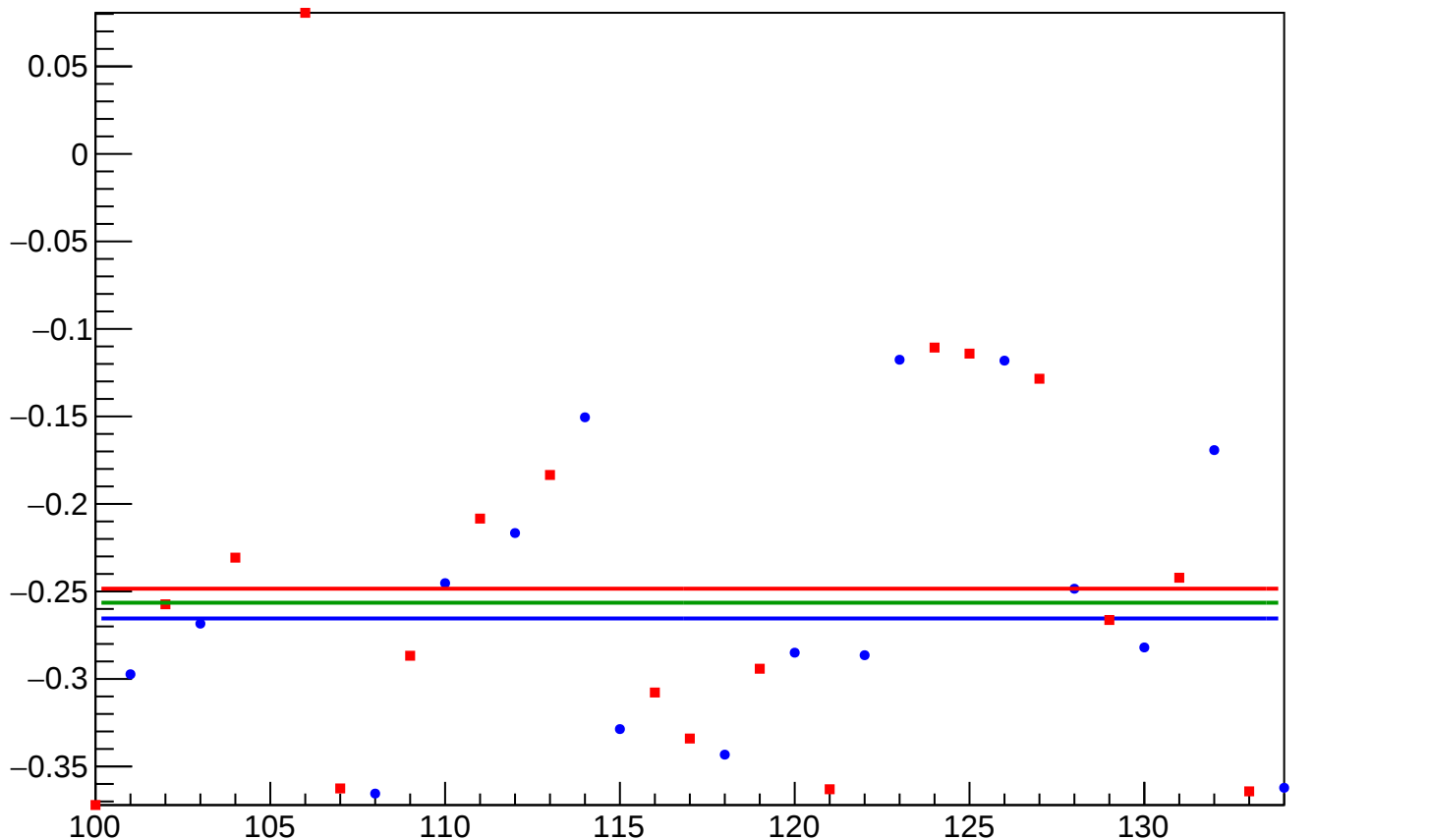
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 168963.7/15

0.005+/-0.000 χ^2/NDF : 407852.6/33

0.005+/-0.000 χ^2/NDF : 236399.0/17

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.265 +/- 0.000 χ^2/NDF : 583504586.4/15

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

Right Out: -0.248 +/- 0.000 χ^2/NDF : 1200871500.9/17

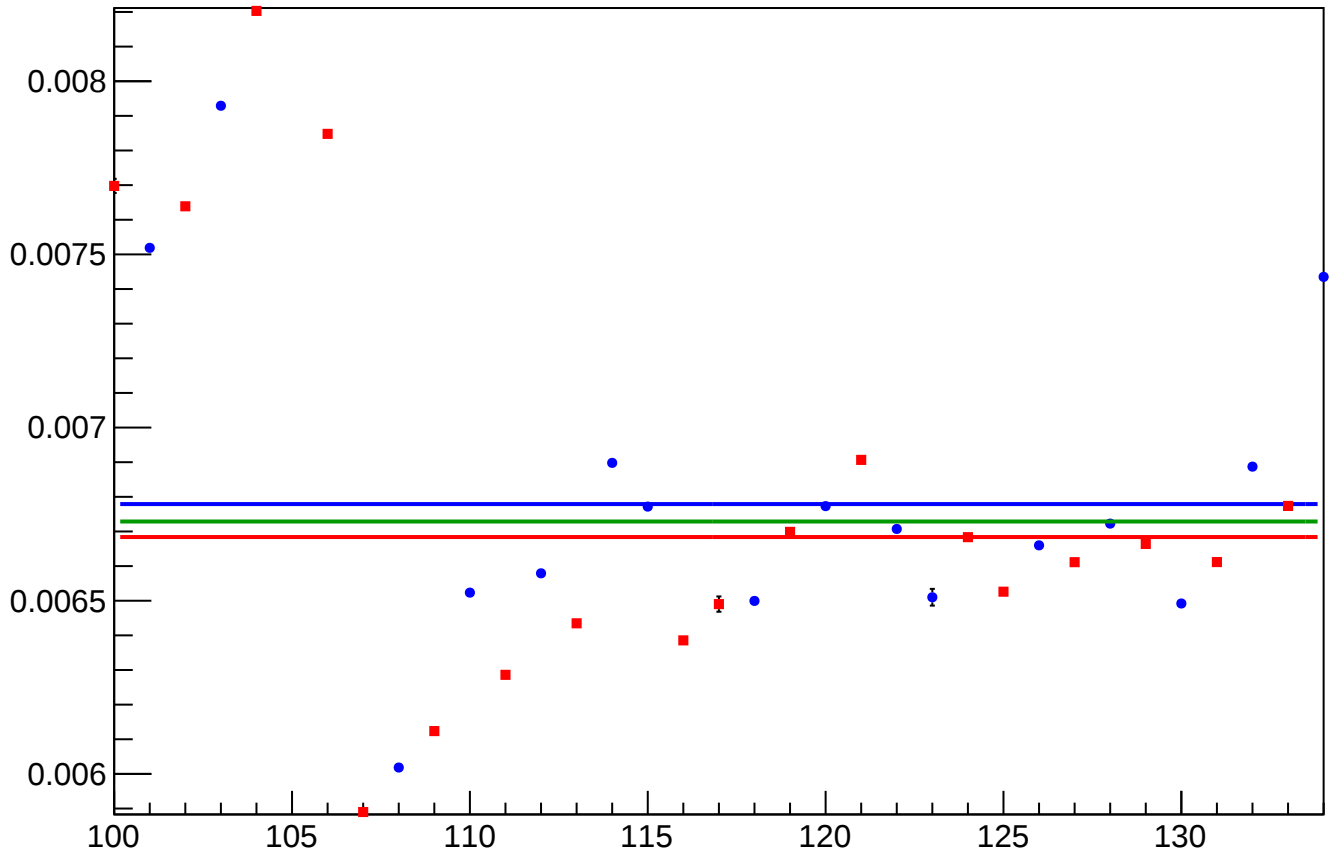
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-0.265 +/- 0.000 χ^2/NDF : 583504586.4/15

-0.256 +/- 0.000 χ^2/NDF : 1803555342.6/3

-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 : 56374.2/15

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

Right Out: 0.007+/-0.000 χ^2/NDF : 89441.8/17

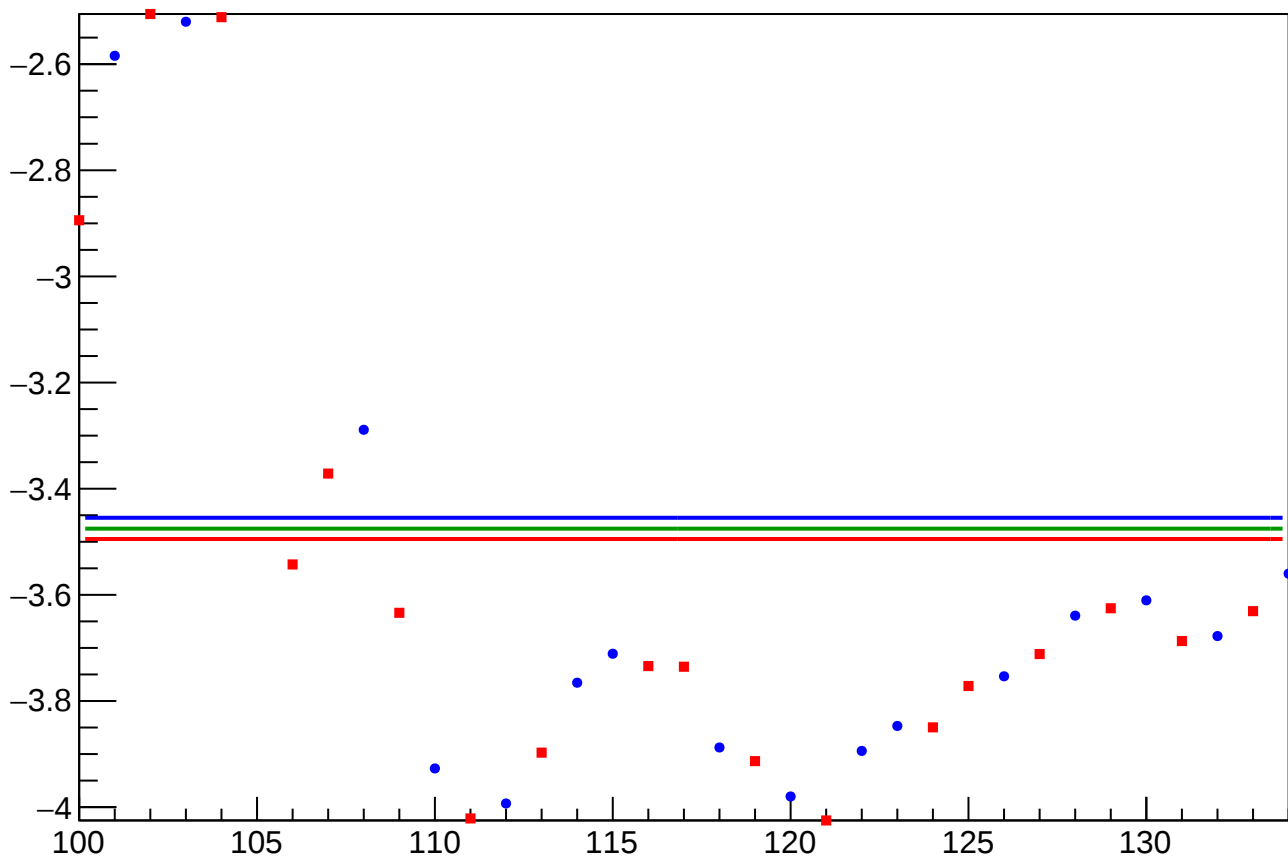
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 56374.2/15

0.007+/-0.000 χ^2/NDF : 147016.6/33

0.007+/-0.000 χ^2/NDF : 89441.8/17

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.455+/-0.000 χ^2/NDF : 26415934735.8/15

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

Right Out: -3.495+/-0.000 χ^2/NDF : 25591353461.1/17

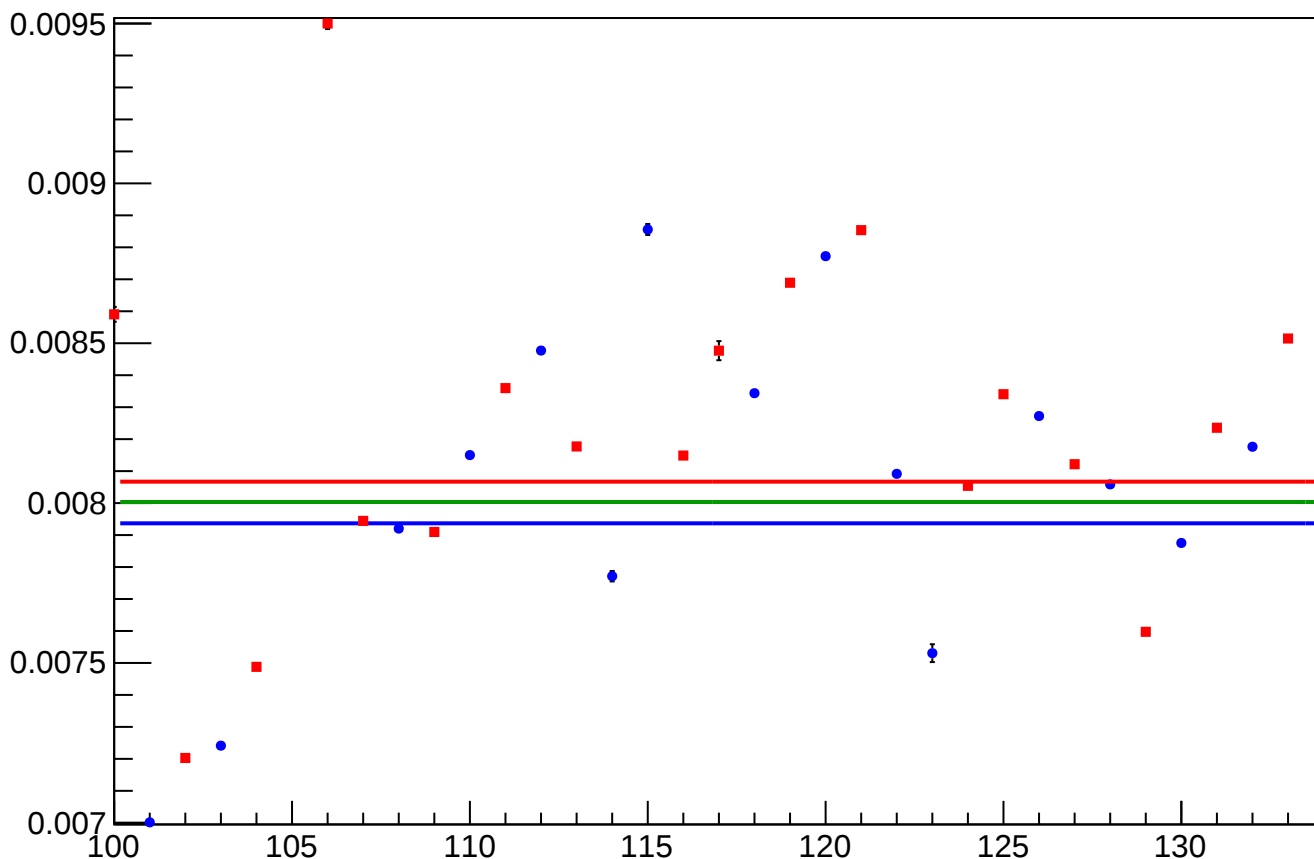
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-3.455+/-0.000 χ^2/NDF : 26415934735.8/15

-3.475+/-0.000 χ^2/NDF : 52081420094.3/3

-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 : 50696.1/15

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

Right Out: 0.008+/-0.000 χ^2/NDF : 47702.6/17

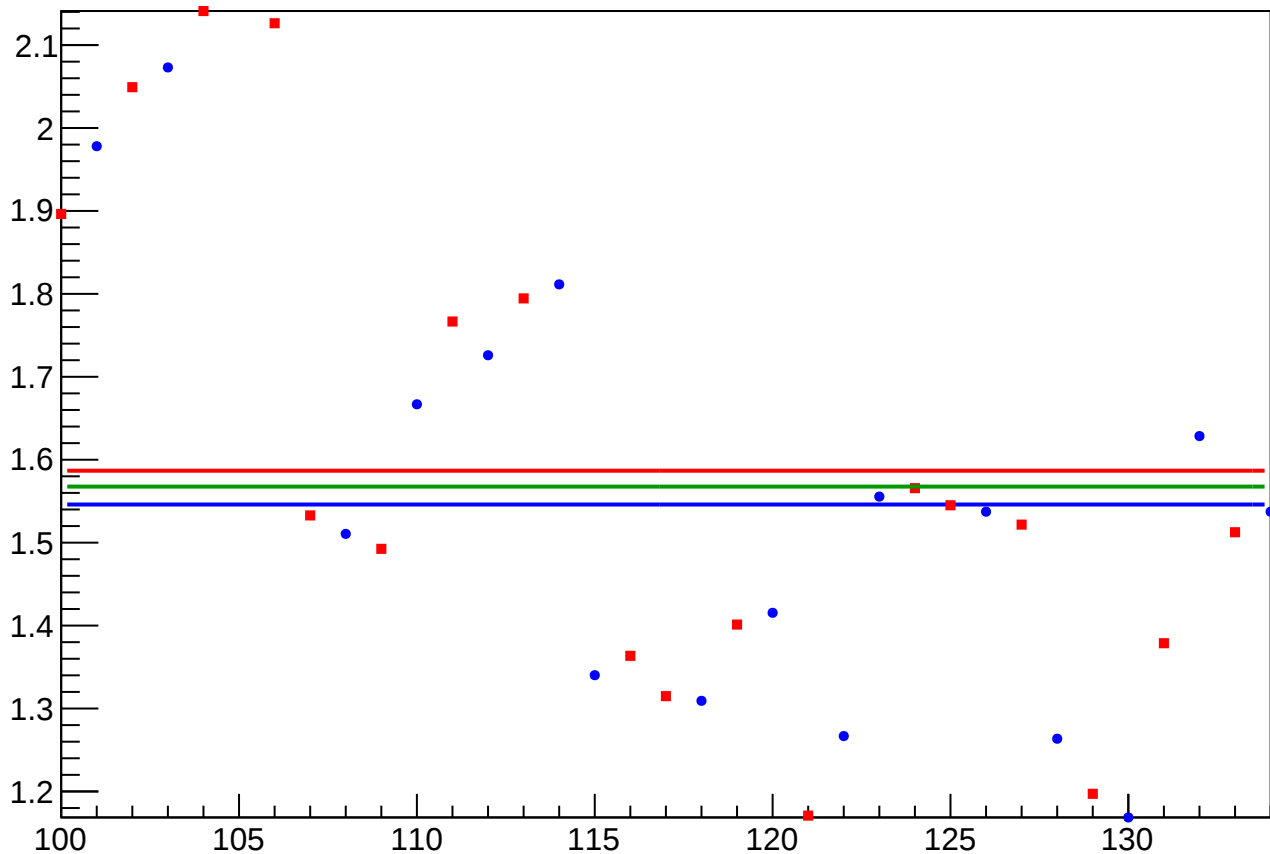
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 50696.1/15

0.008+/-0.000 χ^2/NDF : 99970.1/33

0.008+/-0.000 χ^2/NDF : 47702.6/17

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.546 $\pm$ 0.000 χ^2/NDF : 2871996520.8/15

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

Right Out: 1.587 $\pm$ 0.000 χ^2/NDF : 3340773913.8/17

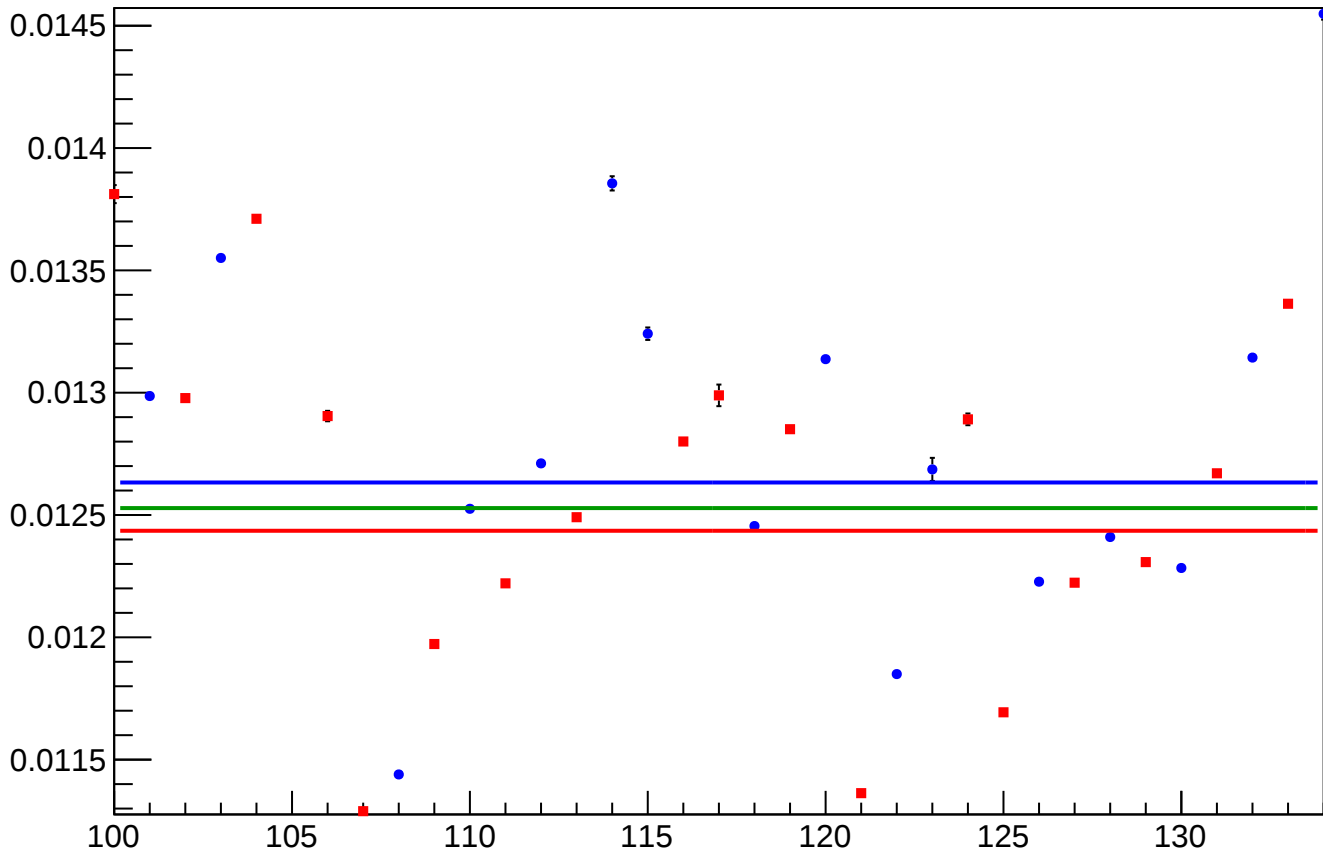
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.546 $\pm$ 0.000 χ^2/NDF : 2871996520.8/15

1.568 $\pm$ 0.000 χ^2/NDF : 6244464355.1/33

1.587 $\pm$ 0.000 χ^2/NDF : 3340773913.8/17

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 30851.7/15

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

Right Out: 0.012+/-0.000 χ^2/NDF : 37365.0/17

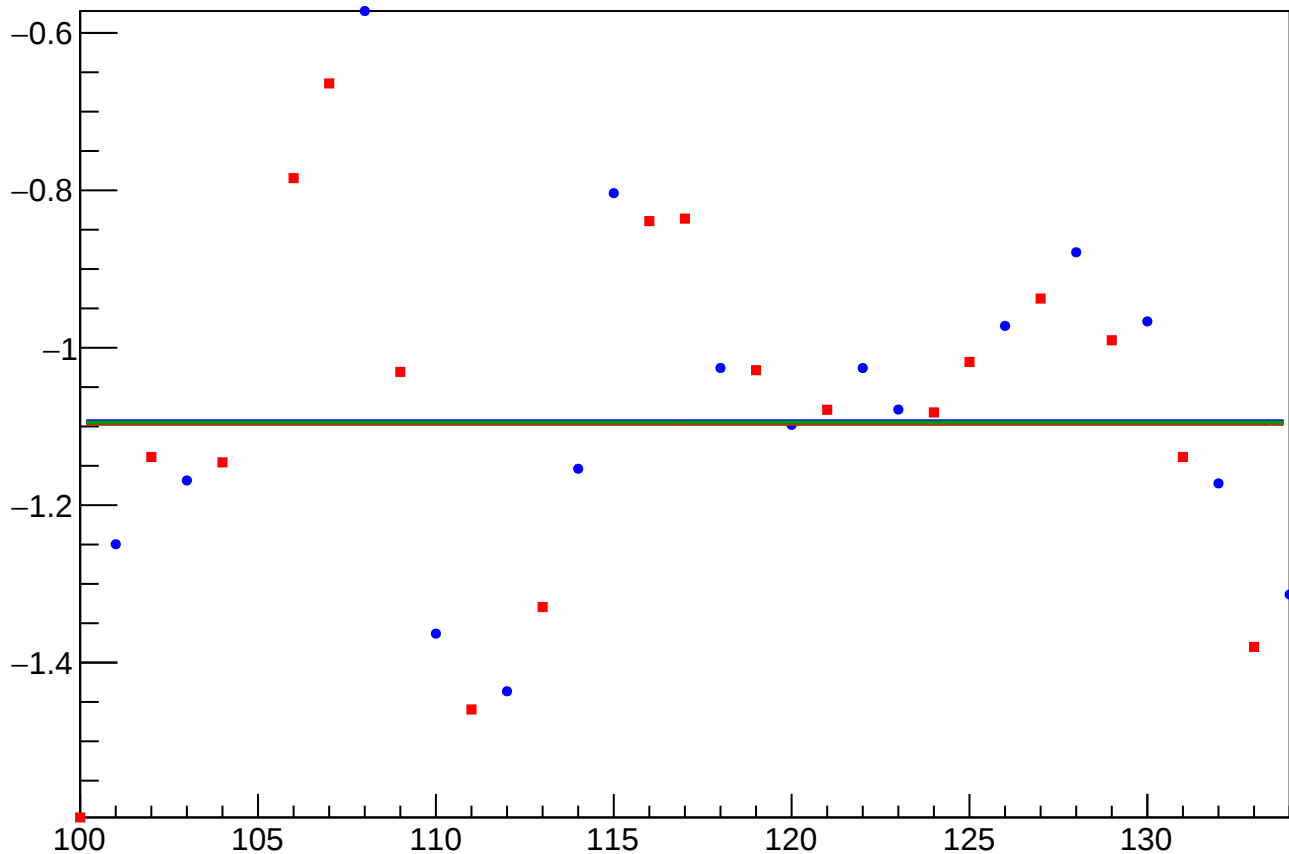
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 30851.7/15

0.013+/-0.000 χ^2/NDF : 69702.2/33

0.012+/-0.000 χ^2/NDF : 37365.0/17

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.093+/-0.000 χ^2 /NDF: 2931069222.2/15

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

Right Out: -1.097+/-0.000 χ^2 /NDF: 2665425569.5/17

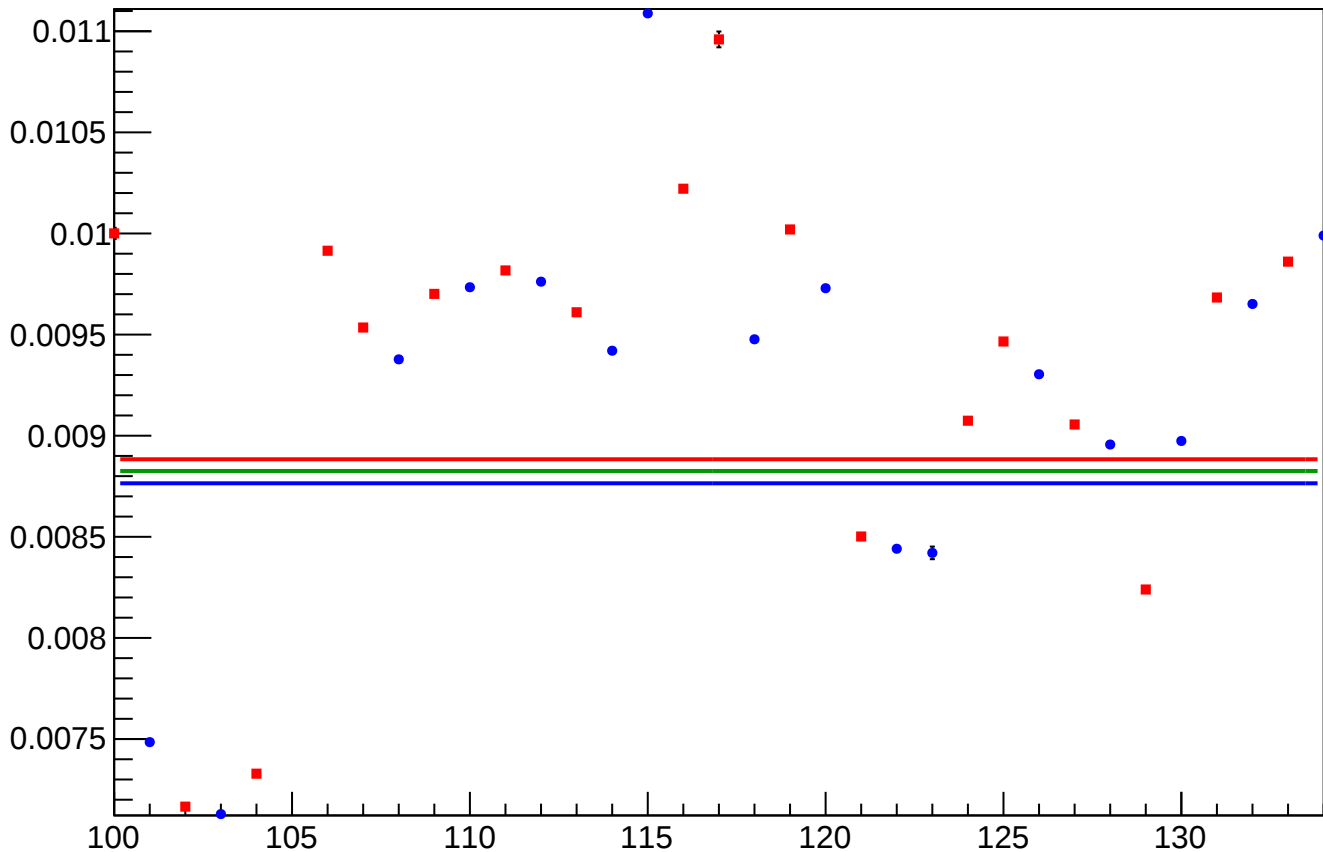
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.093+/-0.000 χ^2 /NDF: 2931069222.2/15

-1.095+/-0.000 χ^2 /NDF: 5596876932.4/30

-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 : 150217.1/15

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

Right Out: 0.009+/-0.000 χ^2/NDF : 175147.2/17

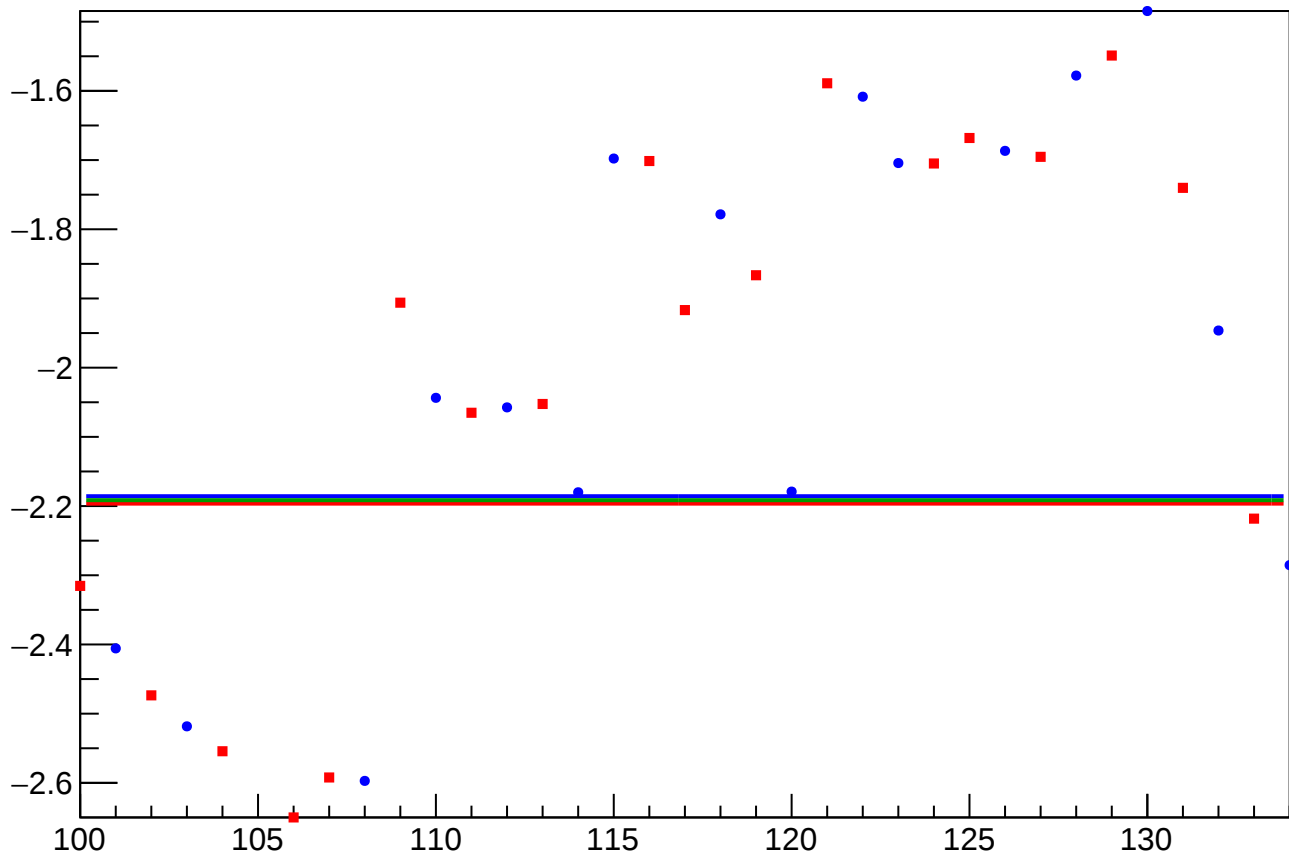
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 150217.1/15

0.009+/-0.000 χ^2/NDF : 326414.9/33

0.009+/-0.000 χ^2/NDF : 175147.2/17

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.186+/-0.000 χ^2 /NDF: 12163521094.8/15

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

Right Out: -2.196+/-0.000 χ^2 /NDF: 13198688195.2/17

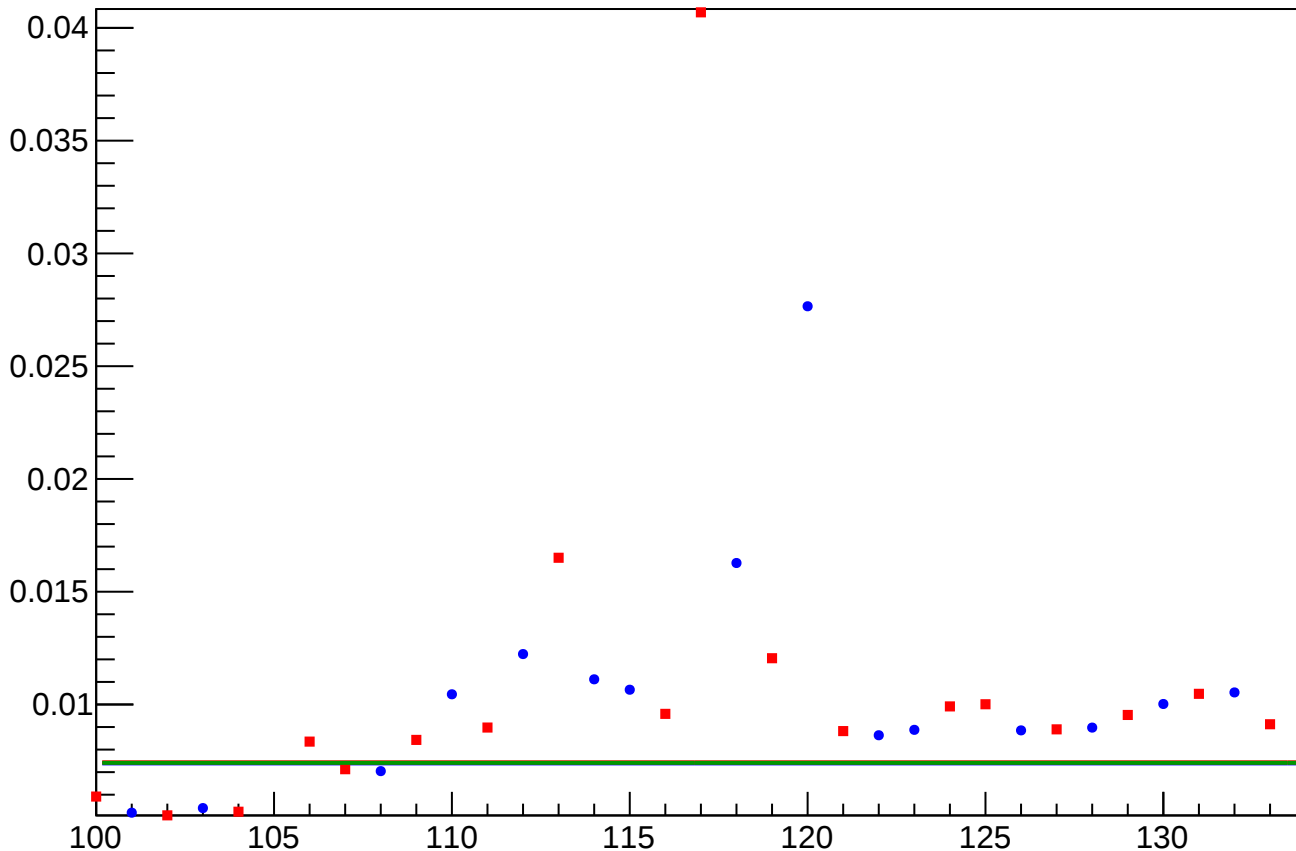
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.186+/-0.000 χ^2 /NDF: 12163521094.8/15

-2.191+/-0.000 χ^2 /NDF: 25367035913.3/3

-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 : 1177971.1/15

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

Right Out: 0.007+/-0.000 χ^2/NDF : 973013.1/17

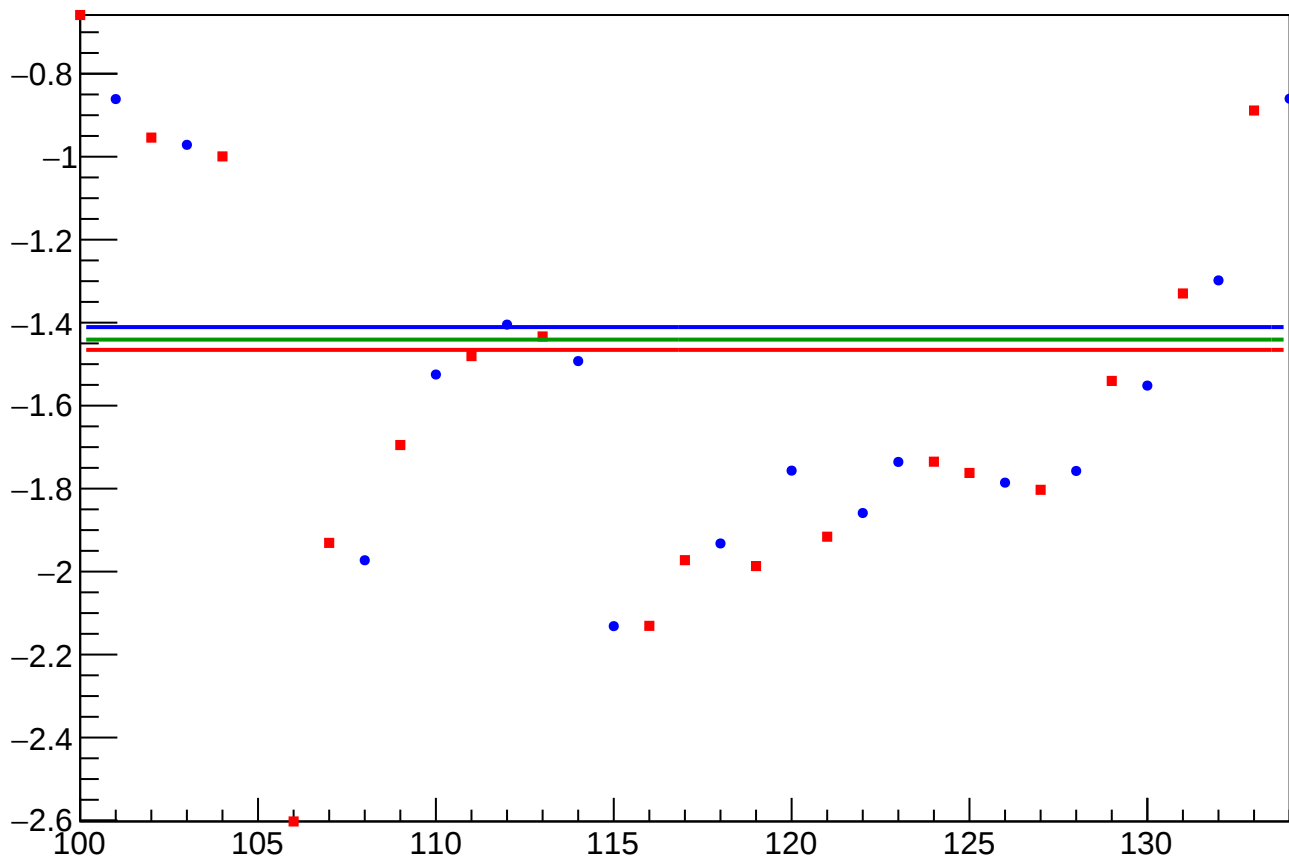
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 1177971.1/15

0.007+/-0.000 χ^2/NDF : 2151176.1/33

0.007+/-0.000 χ^2/NDF : 973013.1/17

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.411+/-0.000 χ^2/NDF : 19327714245.9/15

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

-1.411+/-0.000 χ^2/NDF : 19327714245.9/15

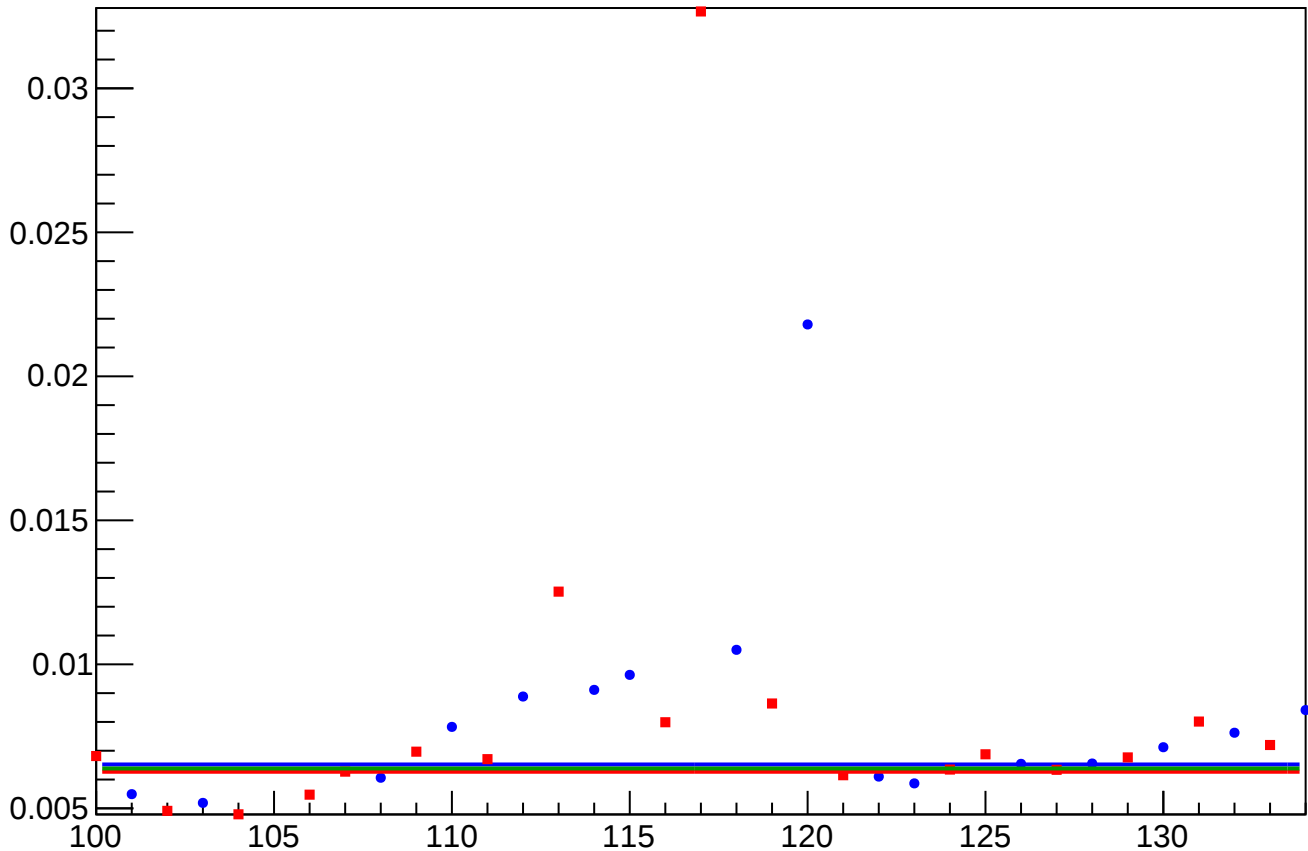
Right Out: -1.466+/-0.000 χ^2/NDF : 27846952111.1/17

-1.441+/-0.000 χ^2/NDF : 47357736892.2/17

-1.466+/-0.000 χ^2/NDF : 27846952111.1/17

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

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 569634.9/15

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

Right Out: 0.006+/-0.000 χ^2/NDF : 468056.5/17

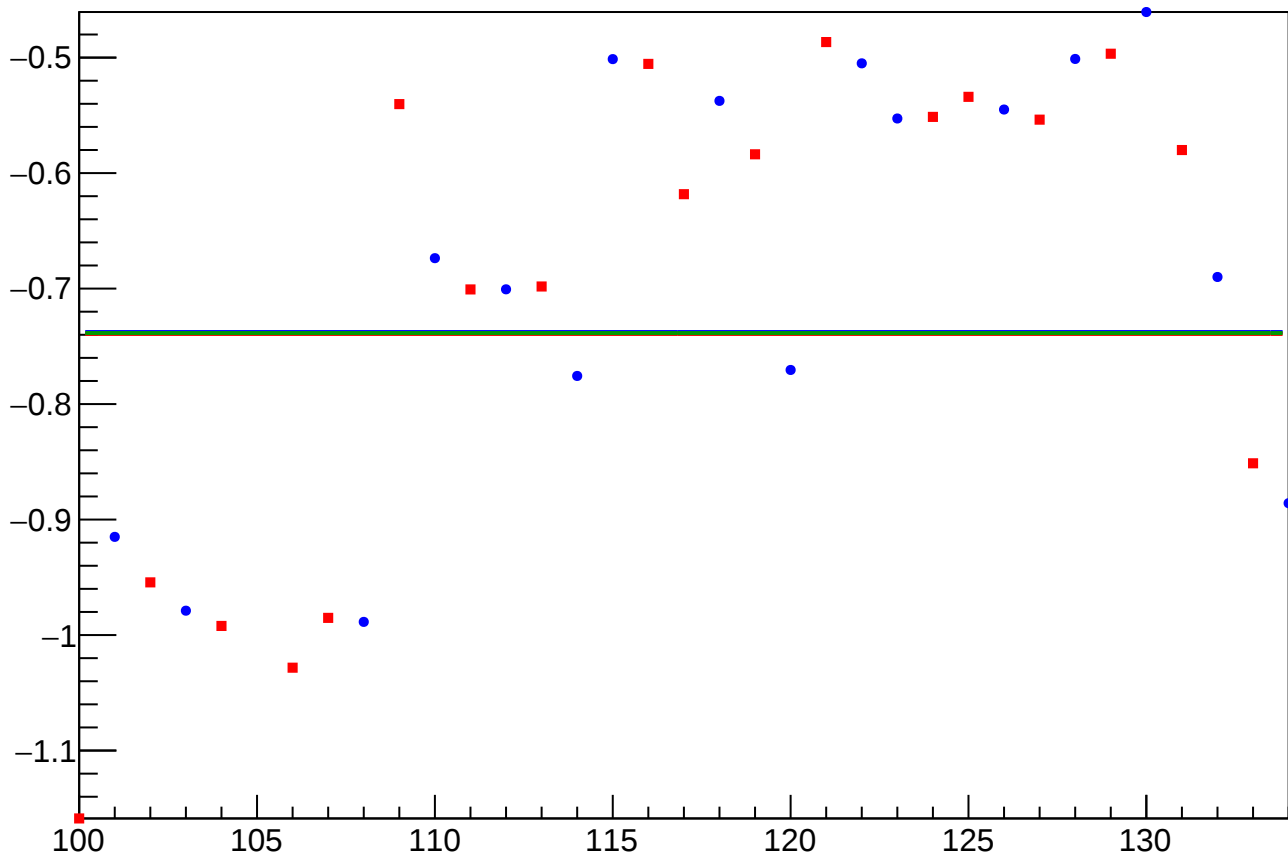
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 569634.9/15

0.006+/-0.000 χ^2/NDF : 1045426.4/33

0.006+/-0.000 χ^2/NDF : 468056.5/17

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.738+/-0.000 χ^2 /NDF: 7409372612.6/15

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

Right Out: -0.739+/-0.000 χ^2 /NDF: 8934217778.5/17

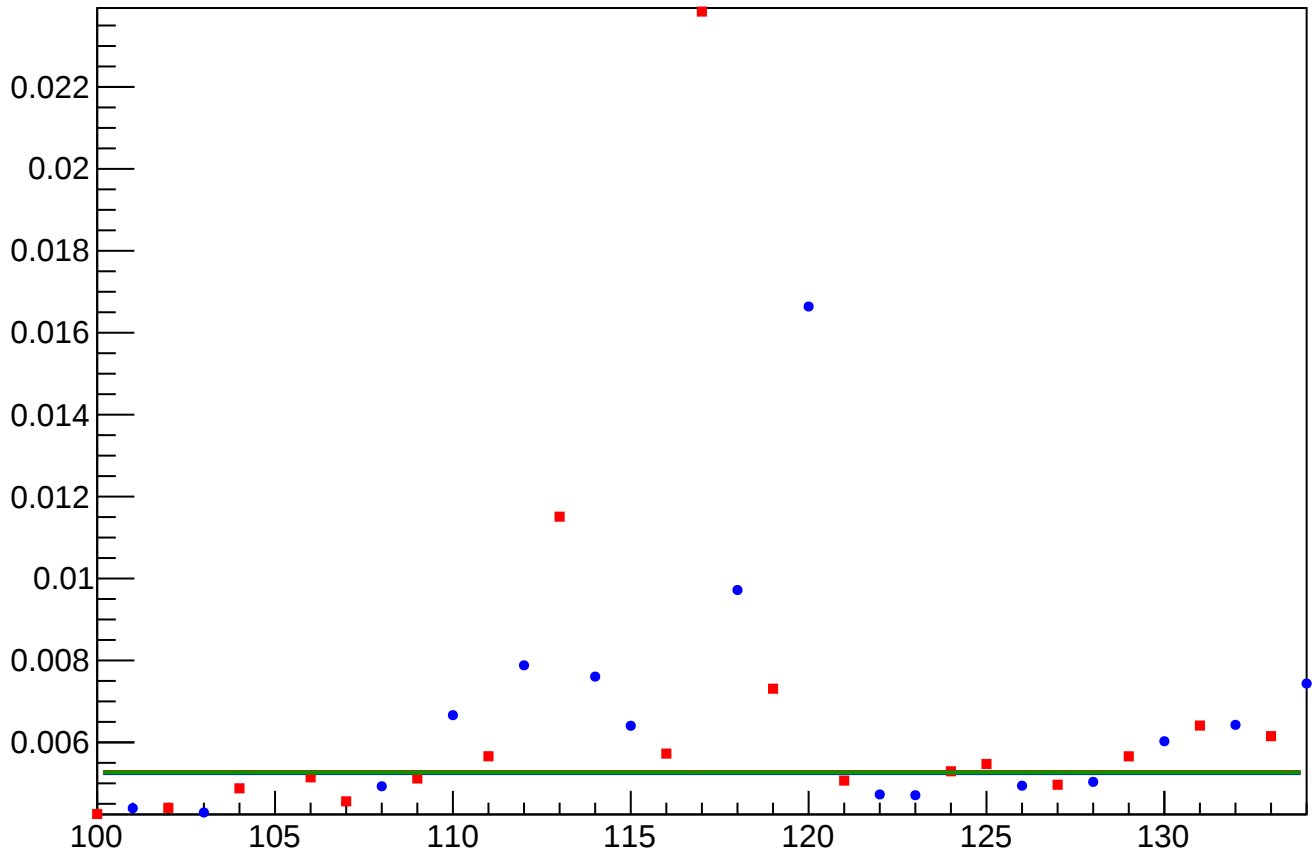
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.738+/-0.000 χ^2 /NDF: 7409372612.6/15

-0.739+/-0.000 χ^2 /NDF: 16343837692.7/3

-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 : 662616.8/15

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

Right Out: 0.005+/-0.000 χ^2/NDF : 384214.8/17

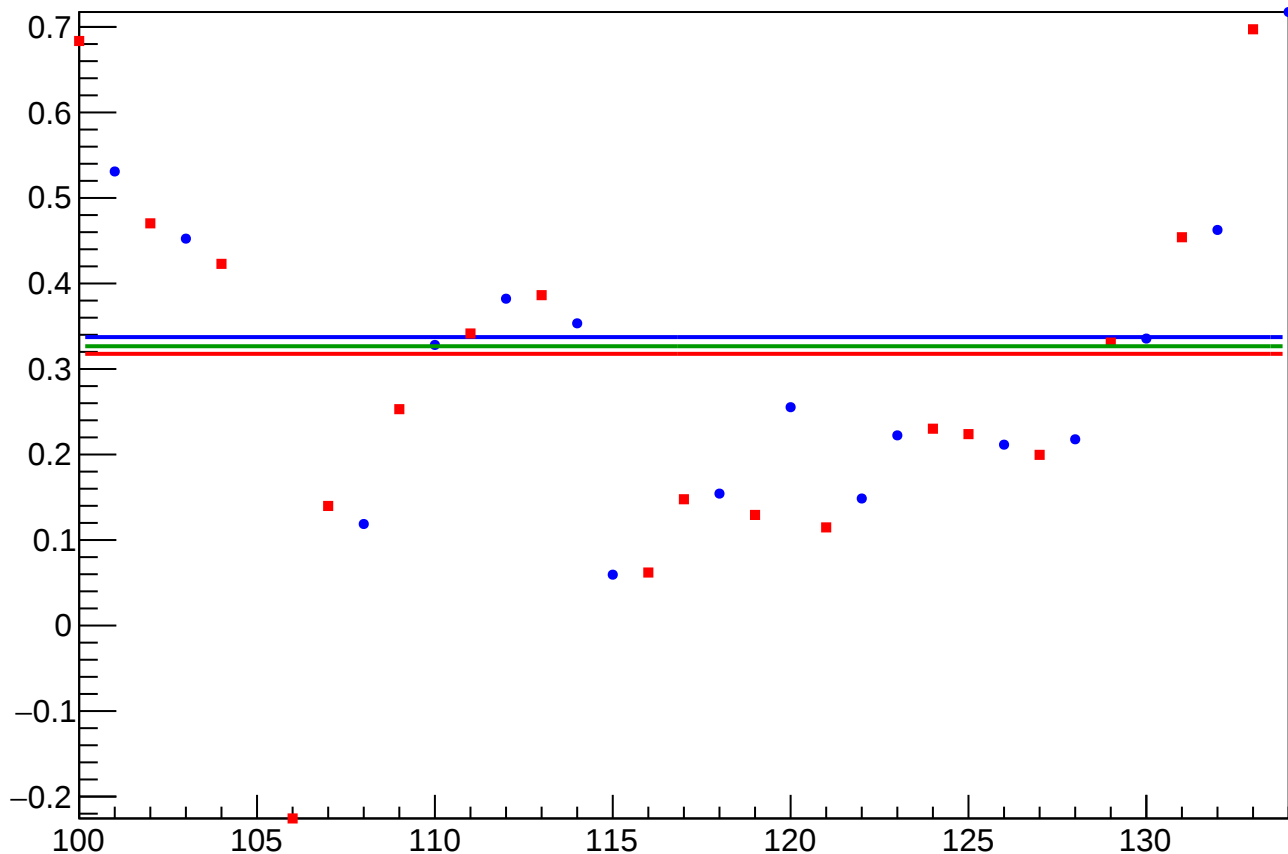
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 662616.8/15

0.005+/-0.000 χ^2/NDF : 1046959.3/33

0.005+/-0.000 χ^2/NDF : 384214.8/17

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.337 ± 0.000 χ^2/NDF : 7088467777.3/15

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

0.337 ± 0.000 χ^2/NDF : 7088467777.3/15

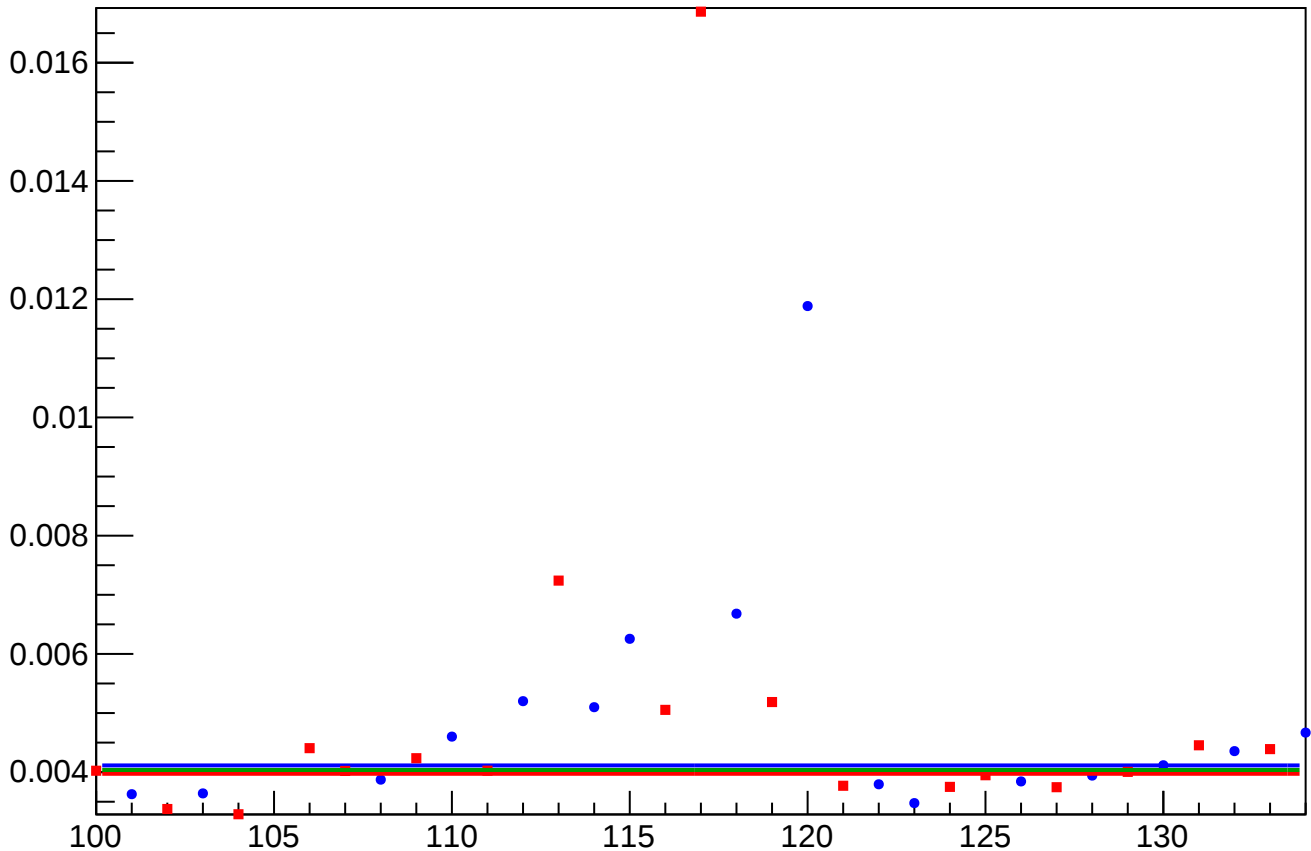
0.327 ± 0.000 χ^2/NDF : 18271934259.0/3

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 : 442484.7/15

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

Right Out: 0.004+/-0.000 χ^2/NDF : 300080.6/17

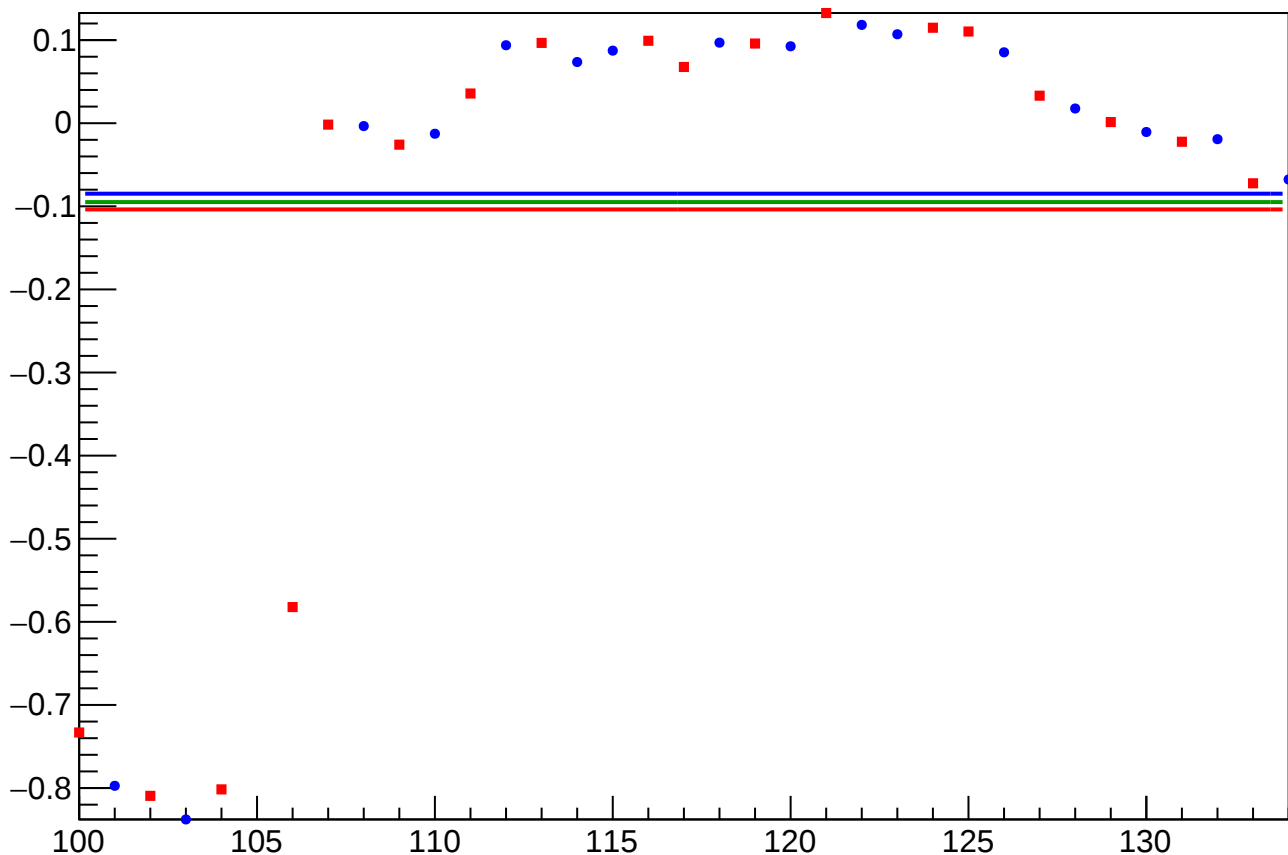
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 442484.7/15

0.004+/-0.000 χ^2/NDF : 748893.6/33

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 : 4988452374.8/15

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

-0.085+/-0.000 χ^2/NDF : 4988452374.8/15

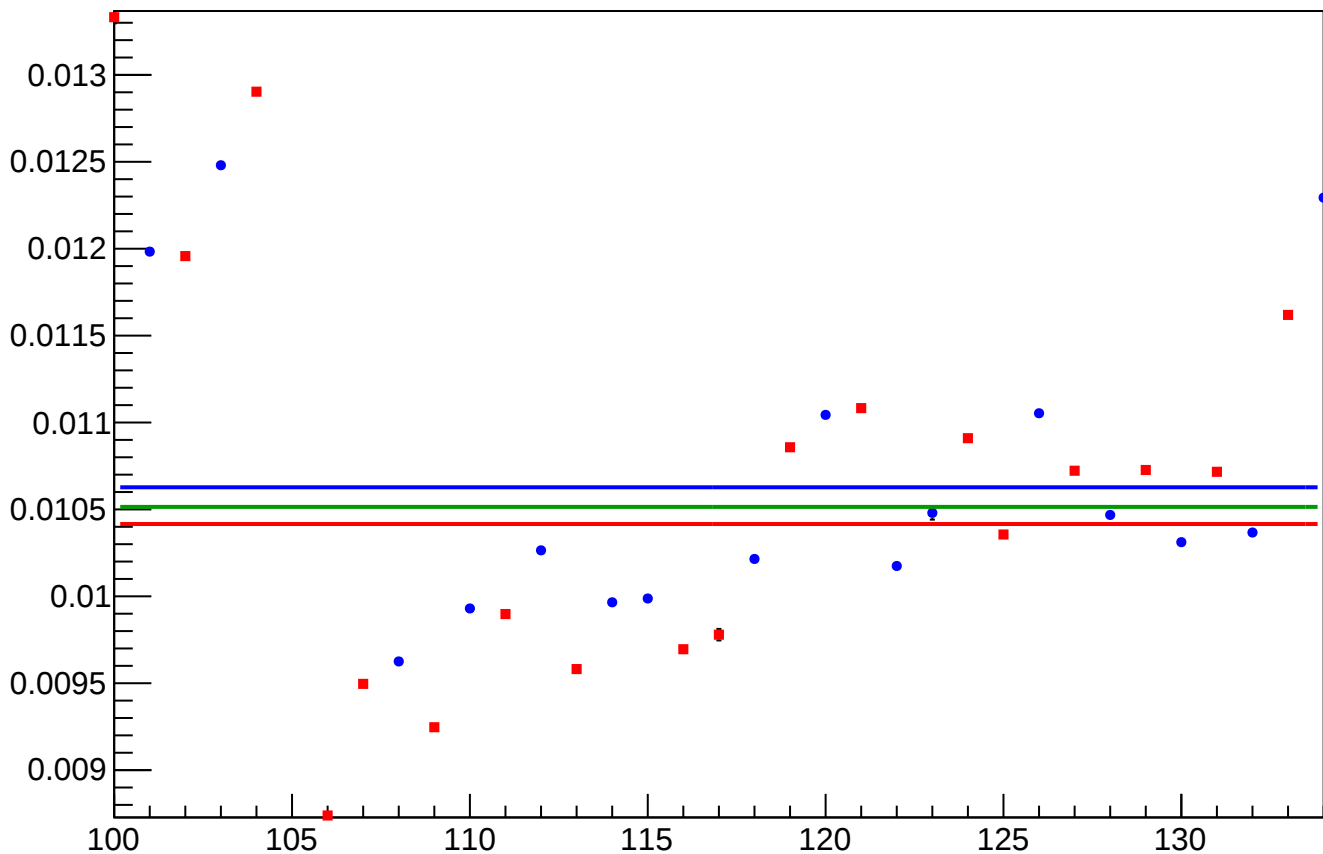
-0.095+/-0.000 χ^2/NDF : 10560139167.9/15

Right Out: -0.104+/-0.000 χ^2/NDF : 5561794643.5/17

-0.104+/-0.000 χ^2/NDF : 5561794643.5/17

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

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 68820.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 135272.4/17

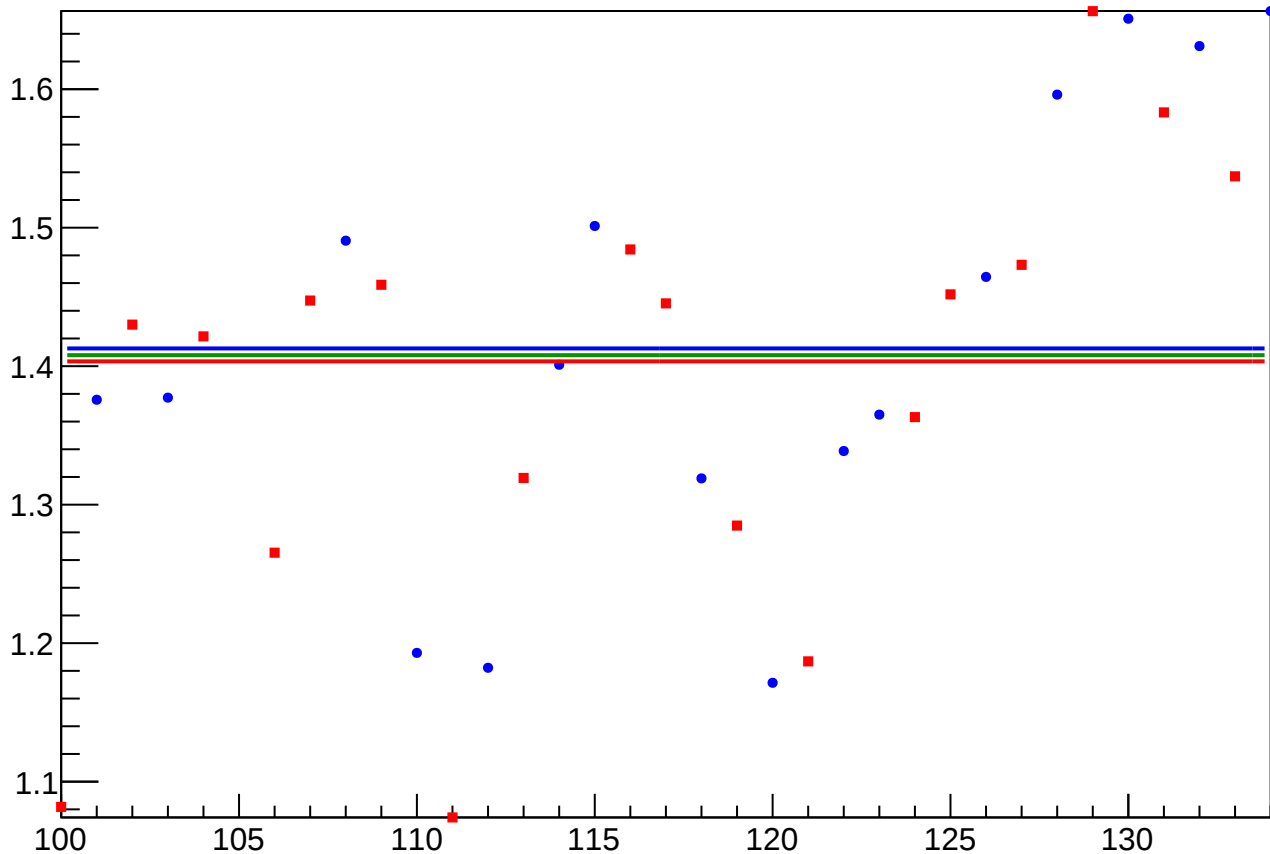
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 68820.7/15

0.011+/-0.000 χ^2/NDF : 206554.7/33

0.010+/-0.000 χ^2/NDF : 135272.4/17

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.413+/-0.000 χ^2/NDF : 2464212868.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.403+/-0.000 χ^2/NDF : 2332567441.6/17

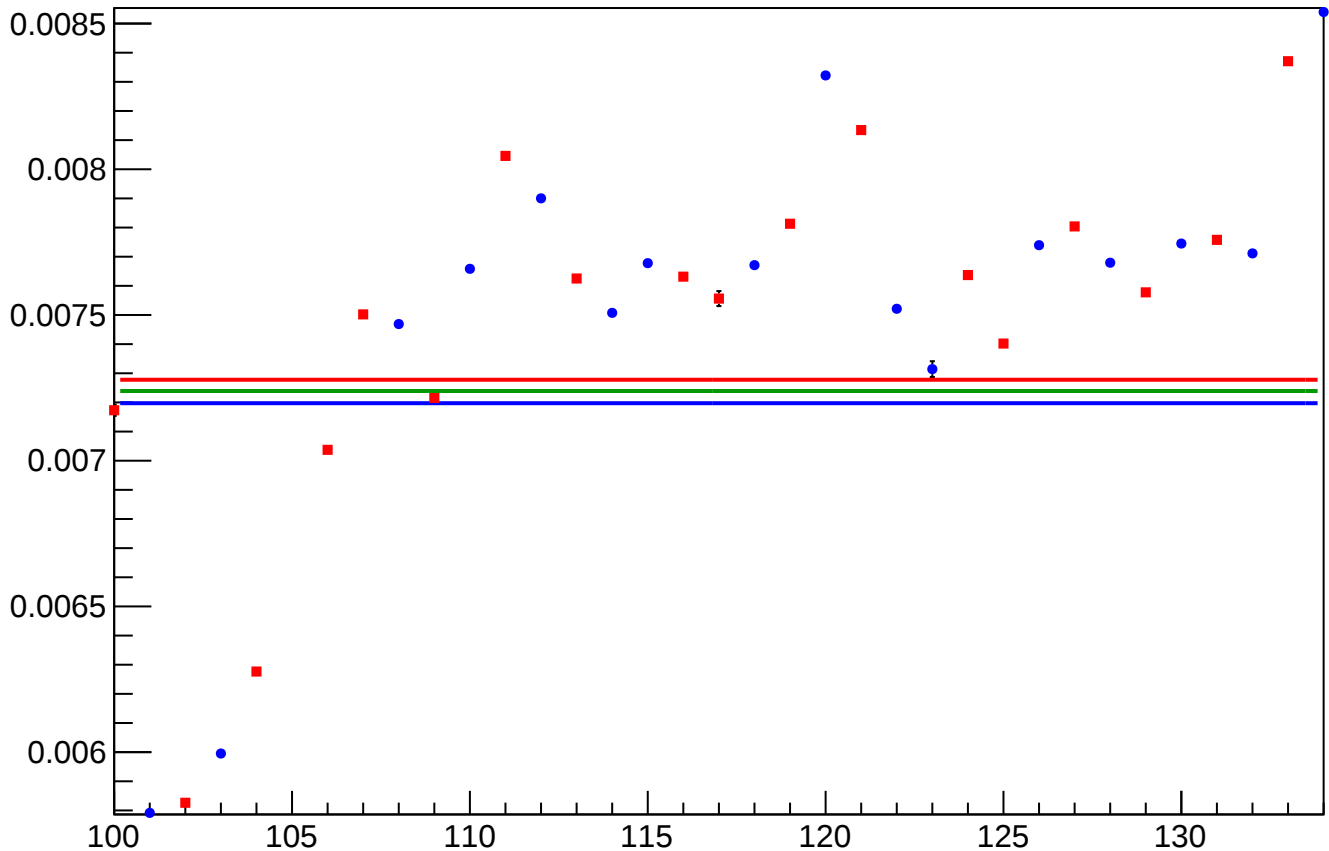
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.413+/-0.000 χ^2/NDF : 2464212868.5/15

1.408+/-0.000 χ^2/NDF : 4801840853.6/33

1.403+/-0.000 χ^2/NDF : 2332567441.6/17

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 169019.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 141021.2/17

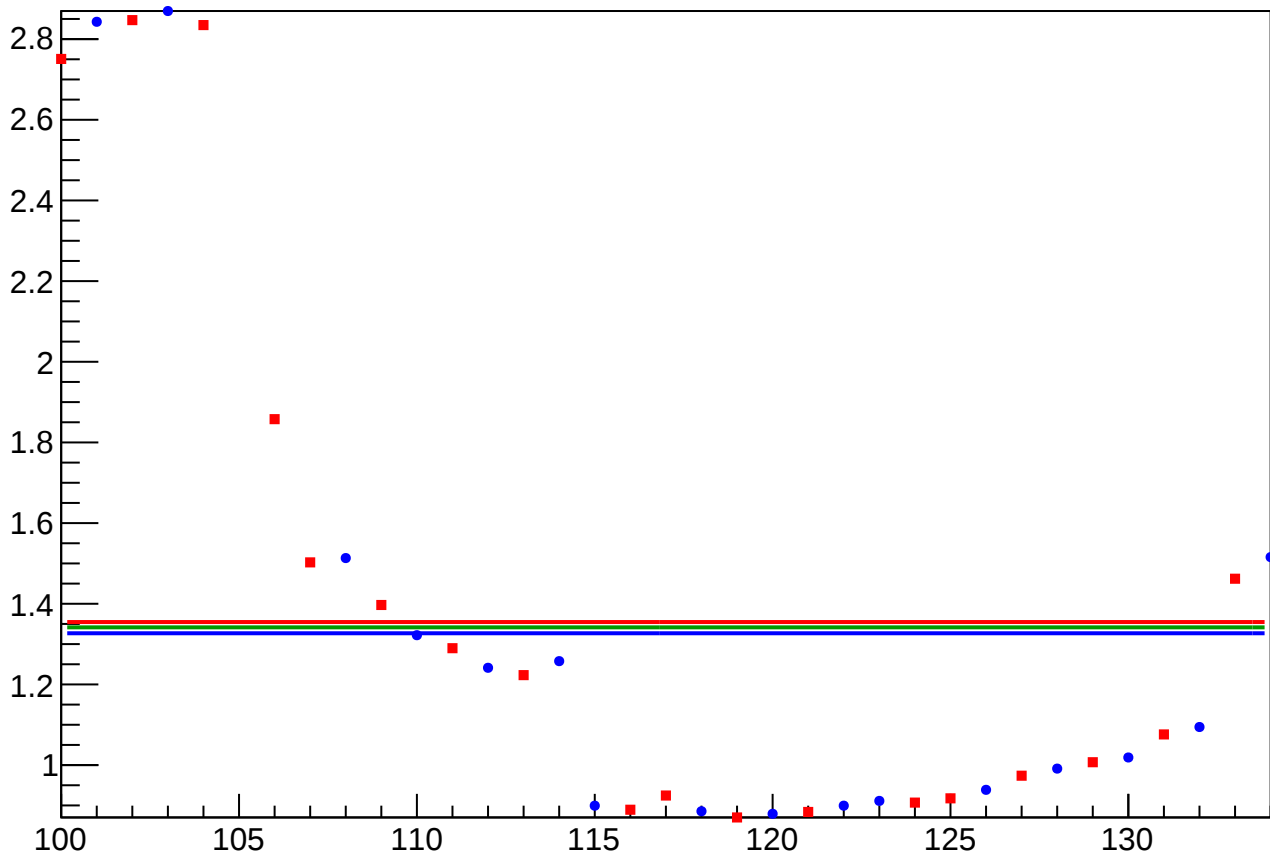
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.007+/-0.000 χ^2/NDF : 169019.6/15

0.007+/-0.000 χ^2/NDF : 310793.1/33

0.007+/-0.000 χ^2/NDF : 141021.2/17

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.327+/-0.000 χ^2/NDF : 51651719411.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.355+/-0.000 χ^2/NDF : 48160194441.8/17

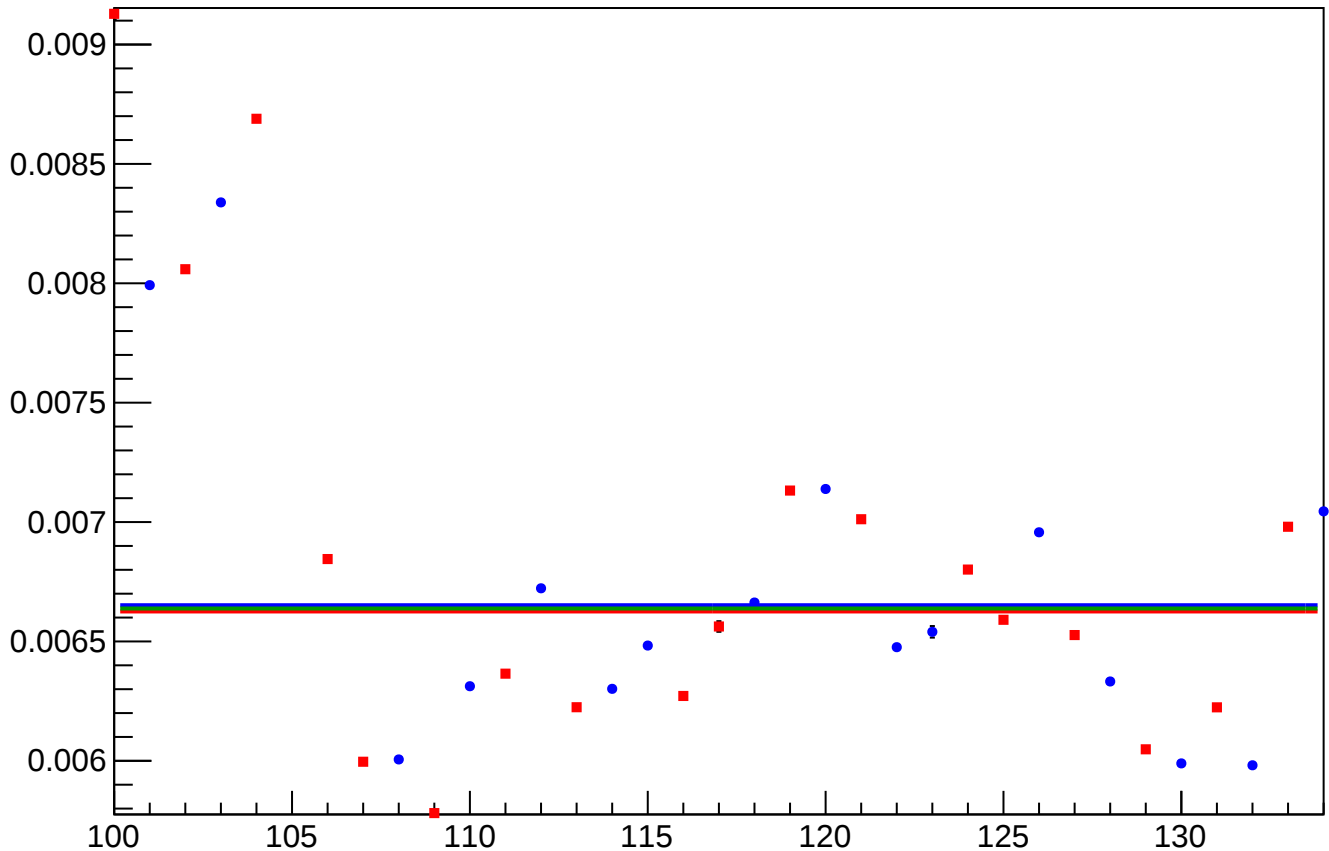
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.327+/-0.000 χ^2/NDF : 51651719411.0/15

1.342+/-0.000 χ^2/NDF : 99865402301.5/3

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 : 122604.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 158496.1/17

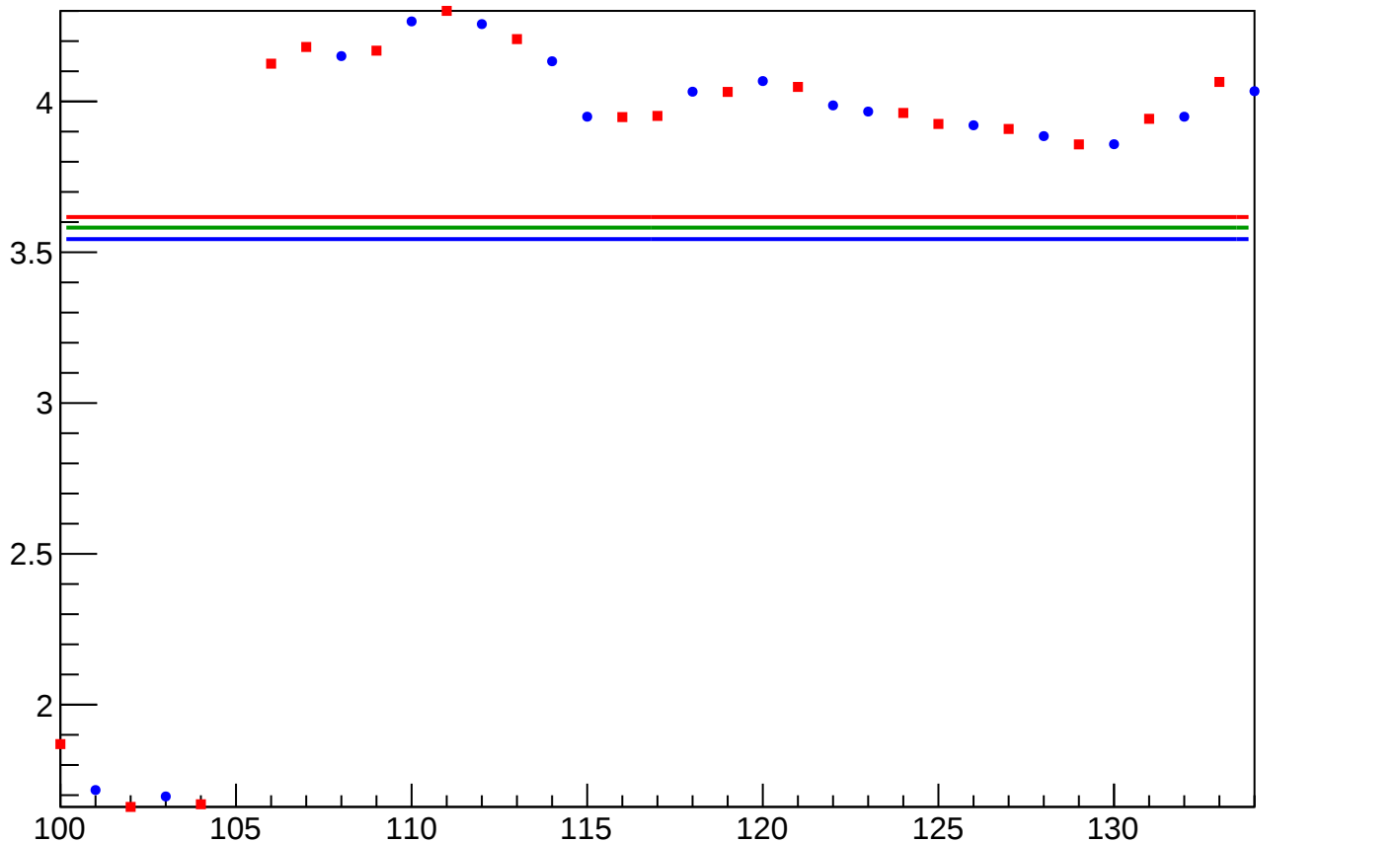
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 122604.3/15

0.007+/-0.000 χ^2/NDF : 281195.0/33

0.007+/-0.000 χ^2/NDF : 158496.1/17

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.544+/-0.000 χ^2/NDF : 179447952948.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.544+/-0.000 χ^2/NDF : 179447952948.0/15

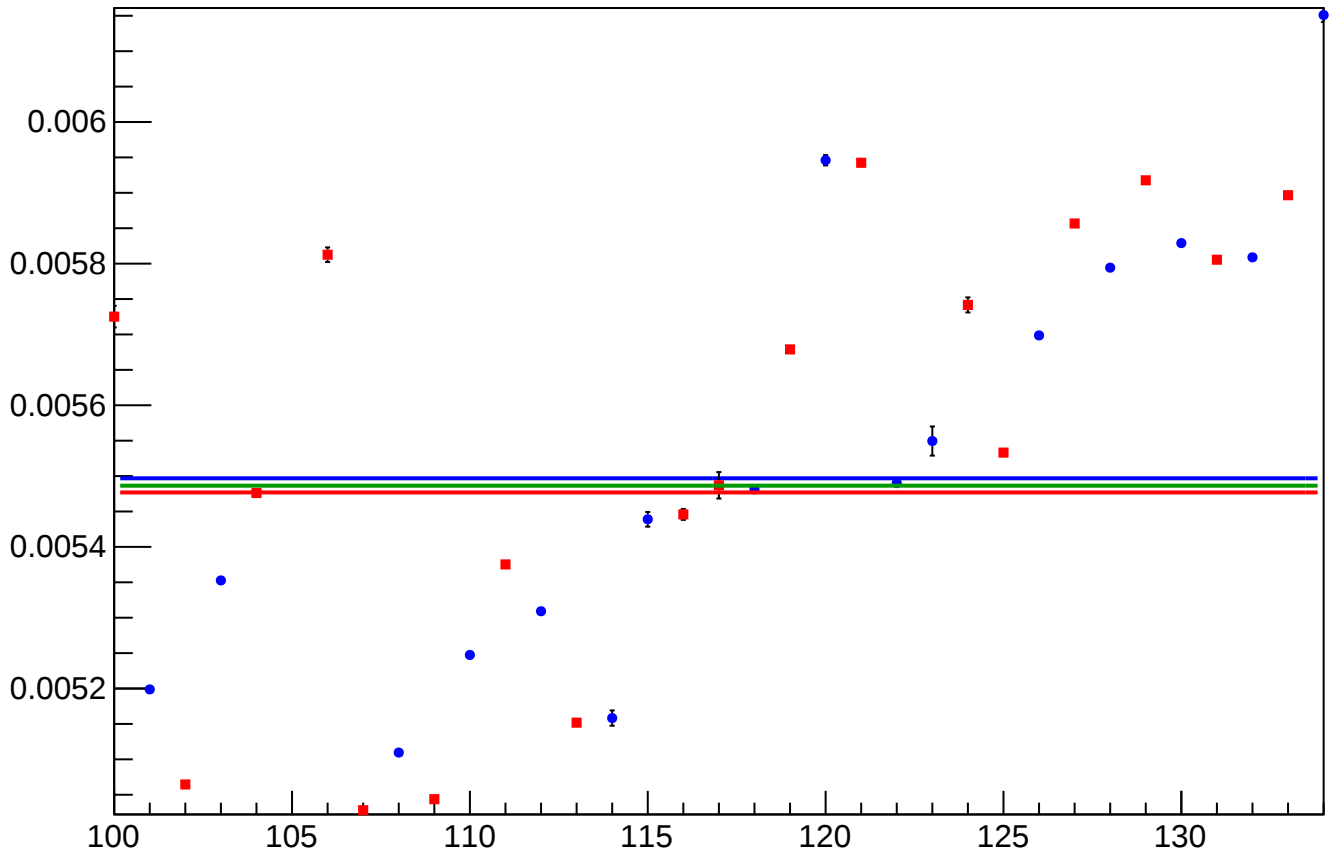
Right Out: 3.617+/-0.000 χ^2/NDF : 187241424842.7/17

3.582+/-0.000 χ^2/NDF : 367230702252.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.617+/-0.000 χ^2/NDF : 187241424842.7/17

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 30262.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 47559.0/17

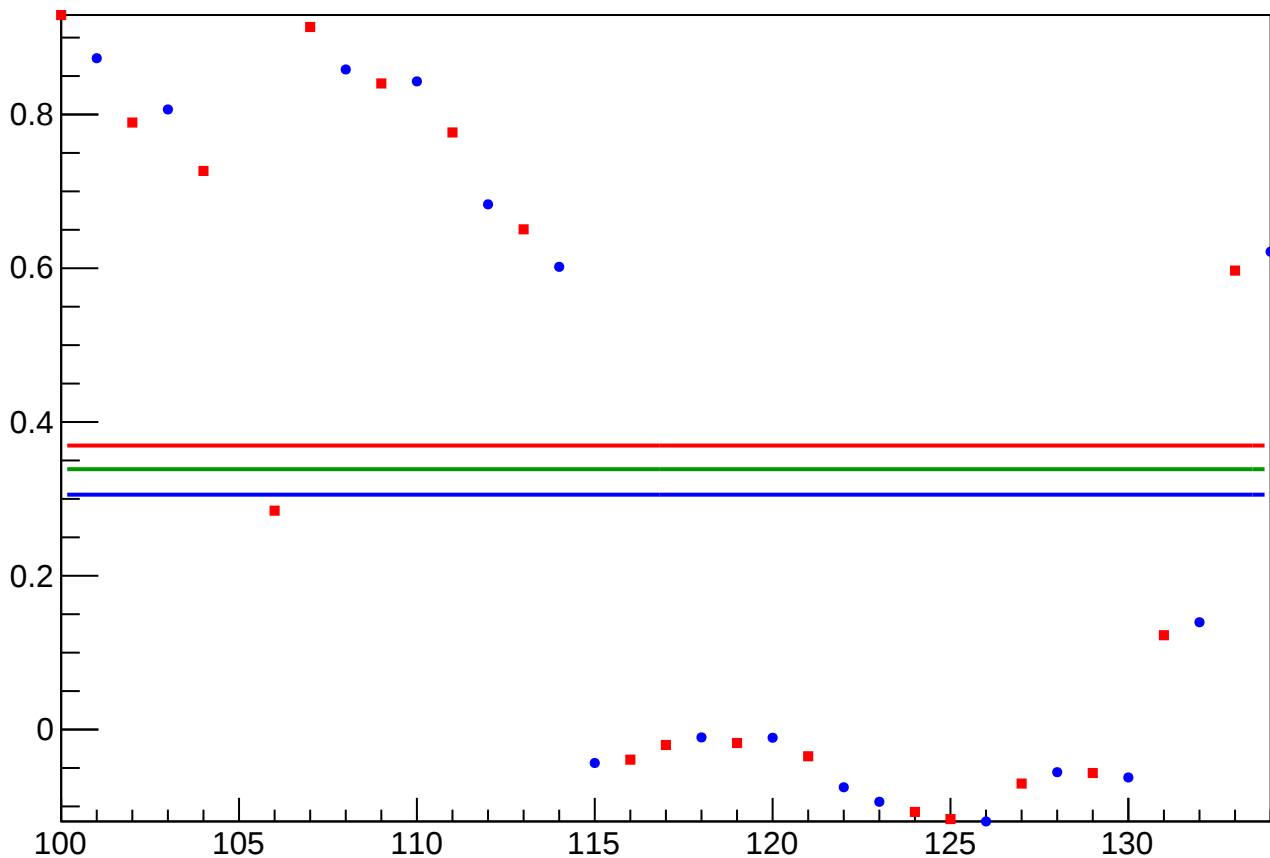
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 30262.1/15

0.005+/-0.000 χ^2/NDF : 77901.6/33

0.005+/-0.000 χ^2/NDF : 47559.0/17

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.305+/-0.000 χ^2/NDF : 5027170822.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.369+/-0.000 χ^2/NDF : 5136490470.7/17

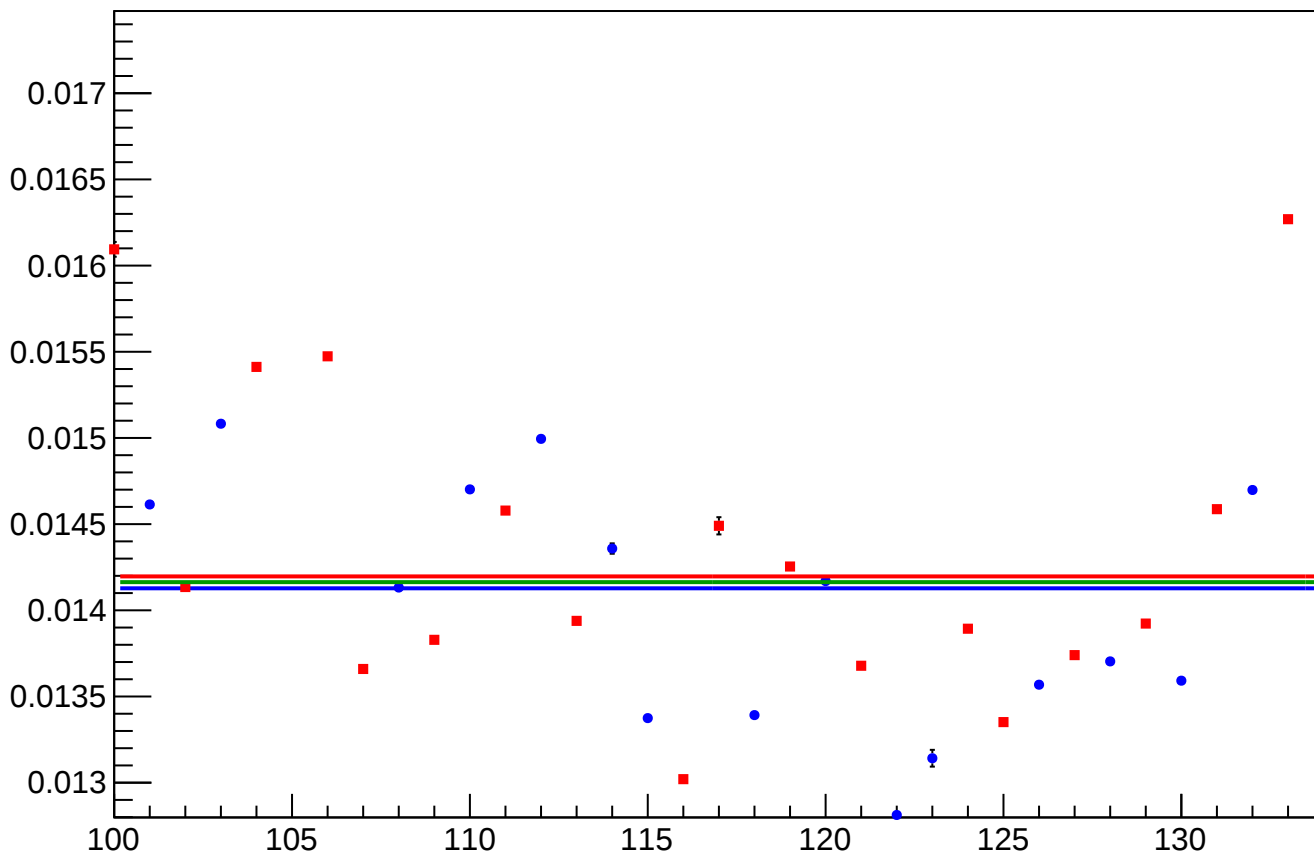
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.305+/-0.000 χ^2/NDF : 5027170822.8/15

0.339+/-0.000 χ^2/NDF : 10225541925.2/3

0.369+/-0.000 χ^2/NDF : 5136490470.7/17

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 41720.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 37022.4/17

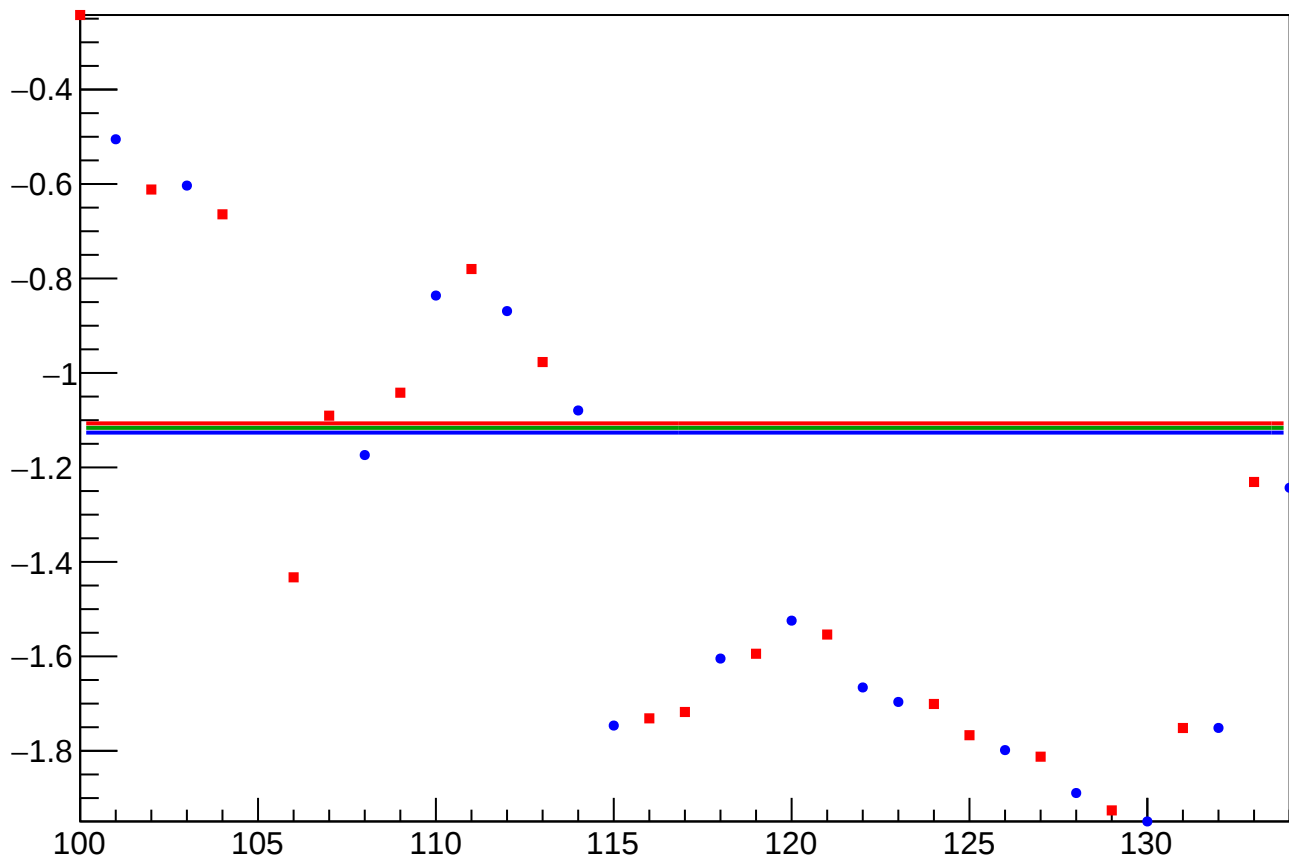
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 41720.1/15

0.014+/-0.000 χ^2/NDF : 78886.9/33

0.014+/-0.000 χ^2/NDF : 37022.4/17

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.126+/-0.000 χ^2 /NDF: 53501356975.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.107+/-0.000 χ^2 /NDF: 44158700589.4/17

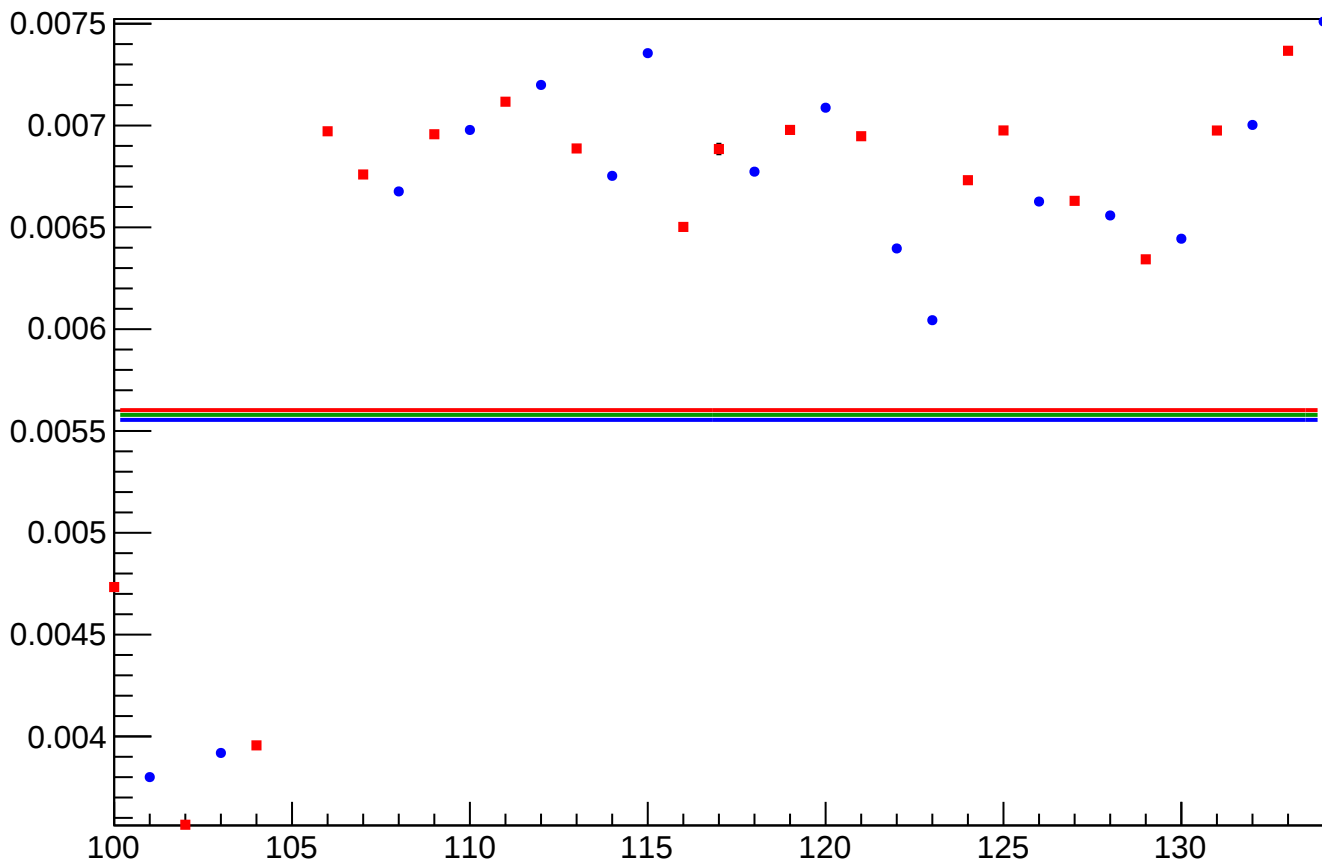
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.126+/-0.000 χ^2 /NDF: 53501356975.5/15

-1.116+/-0.000 χ^2 /NDF: 97693062545.0/3

-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 : 714742.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 848552.8/17

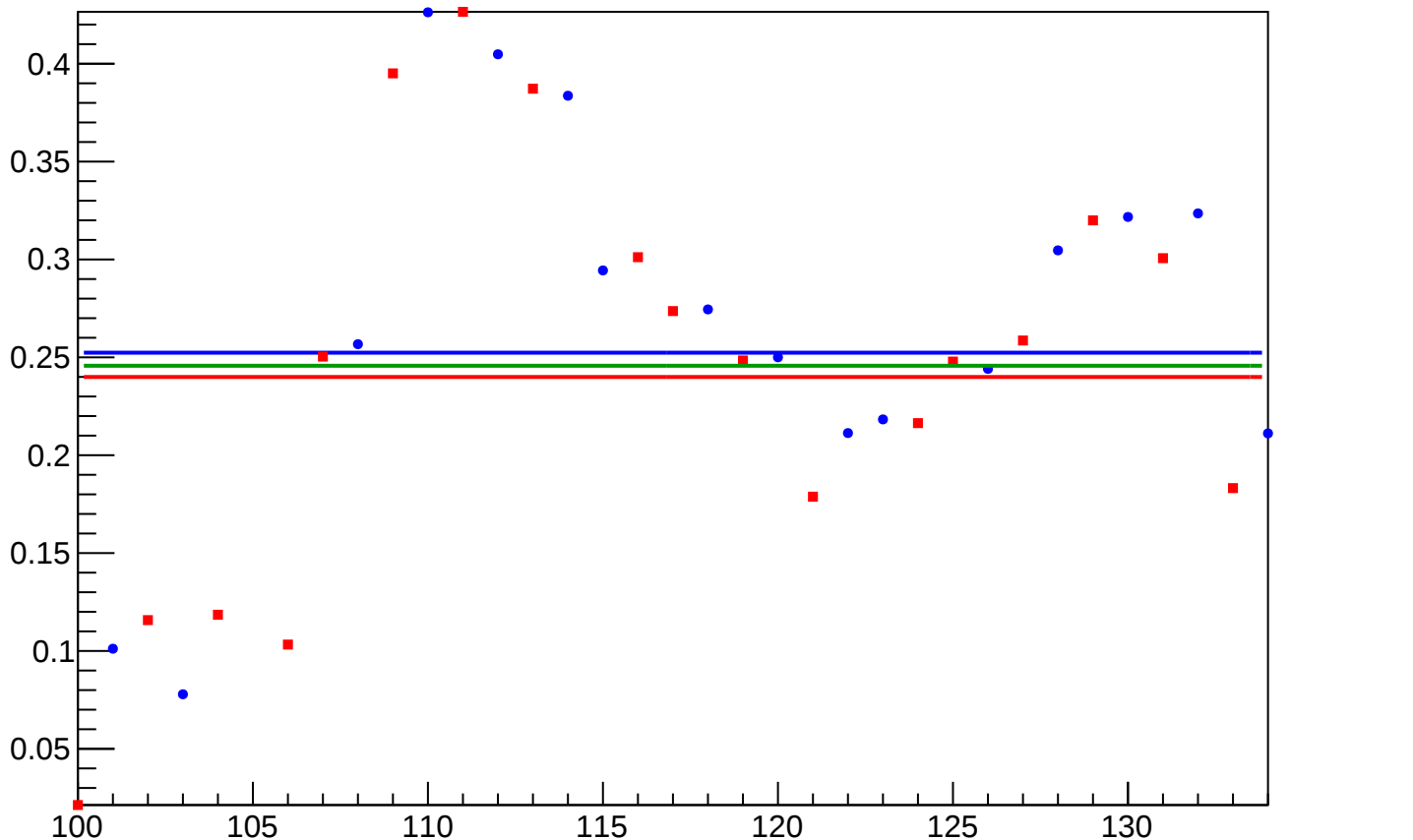
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 714742.7/15

0.006+/-0.000 χ^2/NDF : 1563693.3/33

0.006+/-0.000 χ^2/NDF : 848552.8/17

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.252+/-0.000 χ^2/NDF : 21168862001.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.240+/-0.000 χ^2/NDF : 25900894154.1/17

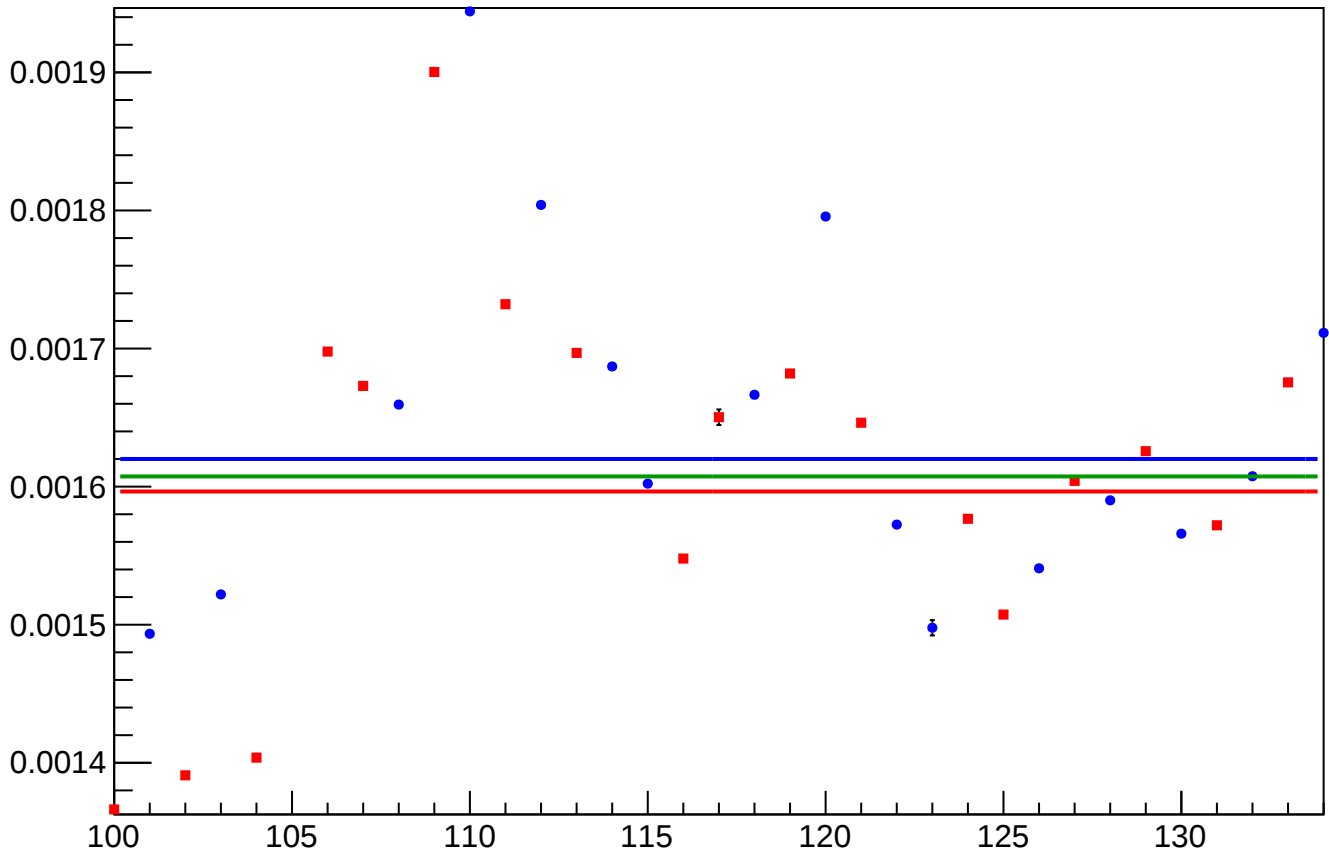
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.252+/-0.000 χ^2/NDF : 21168862001.3/15

0.246+/-0.000 χ^2/NDF : 47247094816.3/3

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 : 52111.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 90463.7/17

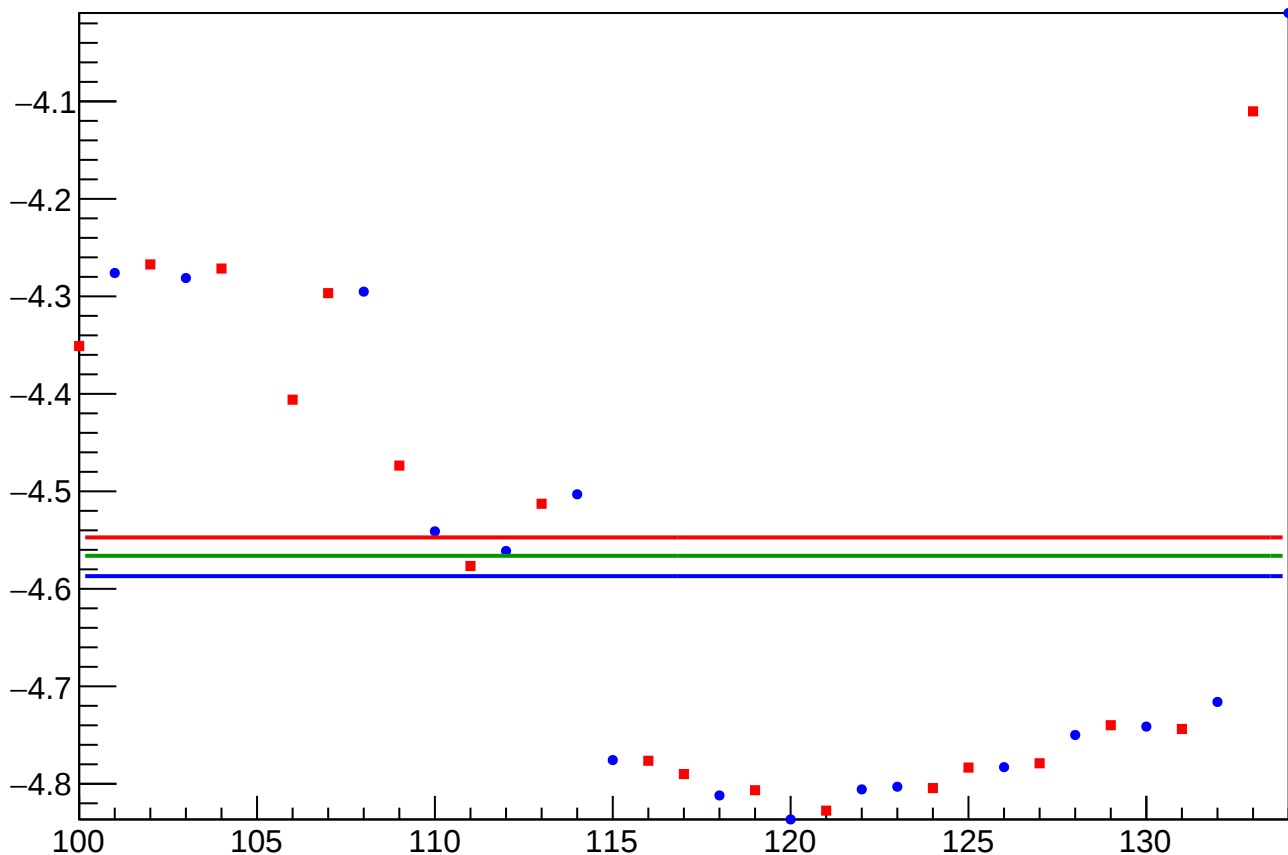
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 52111.5/15

0.002+/-0.000 χ^2/NDF : 143848.2/33

0.002+/-0.000 χ^2/NDF : 90463.7/17

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.587 ± 0.000 $\chi^2/\text{NDF}: 91993139158.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.587 ± 0.000 $\chi^2/\text{NDF}: 91993139158.7/15$

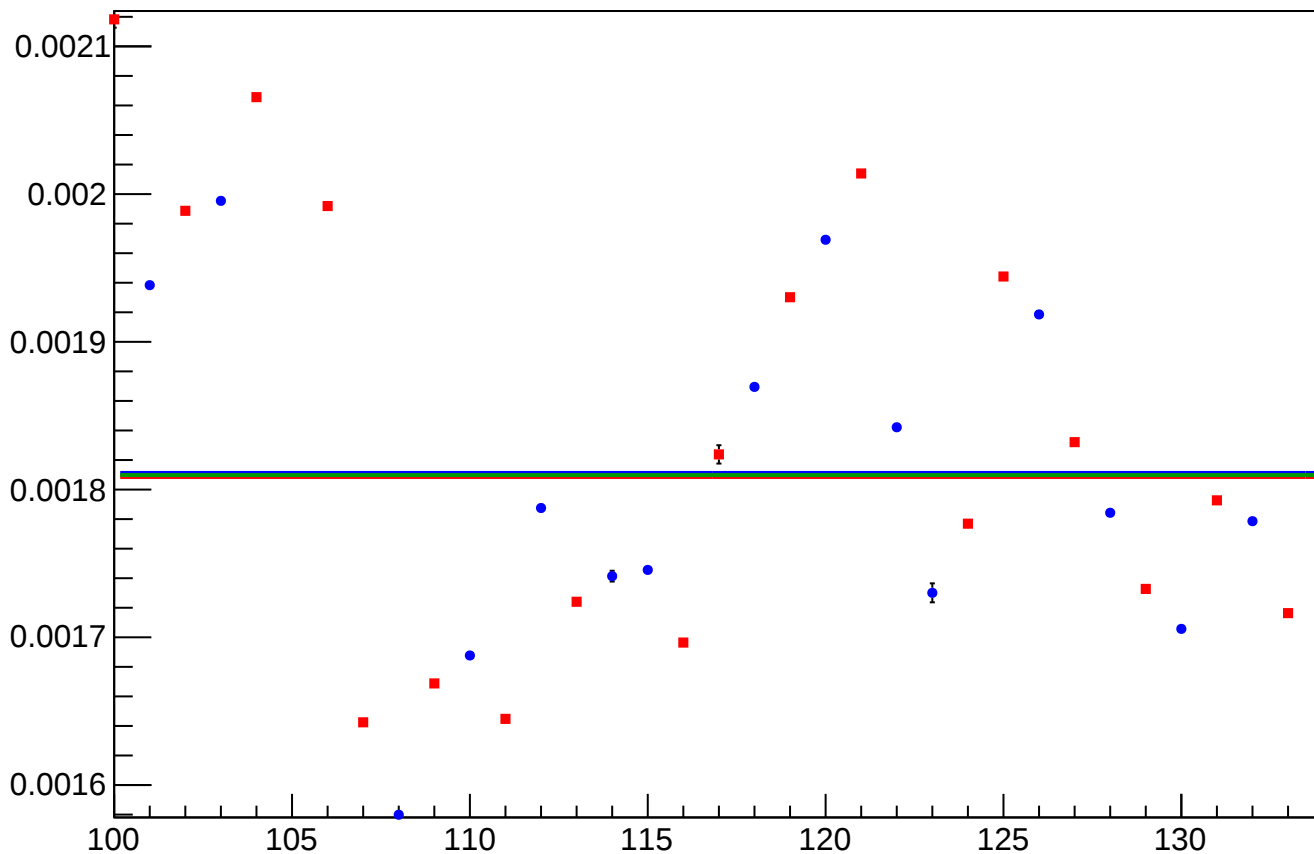
Right Out: -4.547 ± 0.000 $\chi^2/\text{NDF}: 103073454223.4/17$

-4.566 ± 0.000 $\chi^2/\text{NDF}: 196506488585.7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.547 ± 0.000 $\chi^2/\text{NDF}: 103073454223.4/17$

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 47863.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 77304.7/17

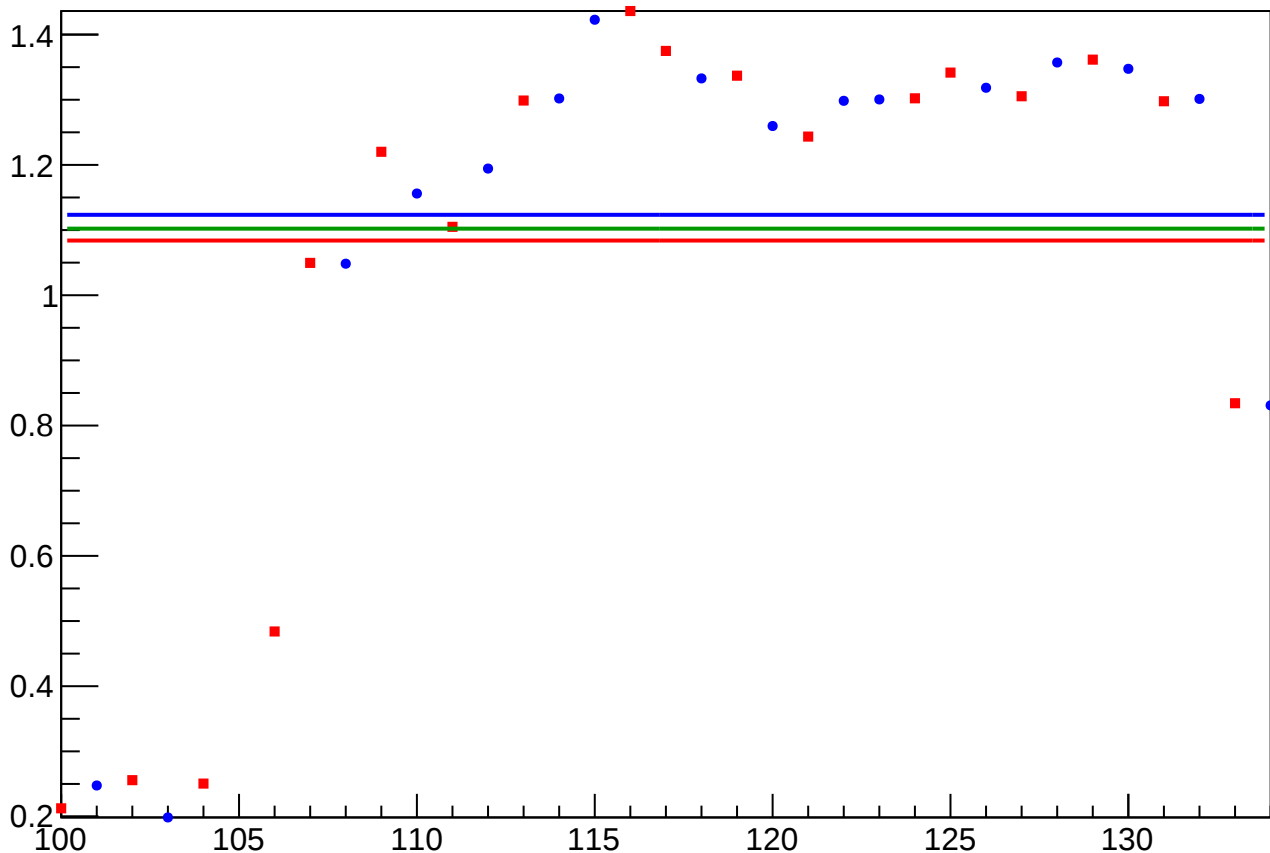
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 47863.8/15

0.002+/-0.000 χ^2/NDF : 125182.0/33

0.002+/-0.000 χ^2/NDF : 77304.7/17

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.123+/-0.000 χ^2/NDF : 14997780807.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.084+/-0.000 χ^2/NDF : 17242004741.8/17

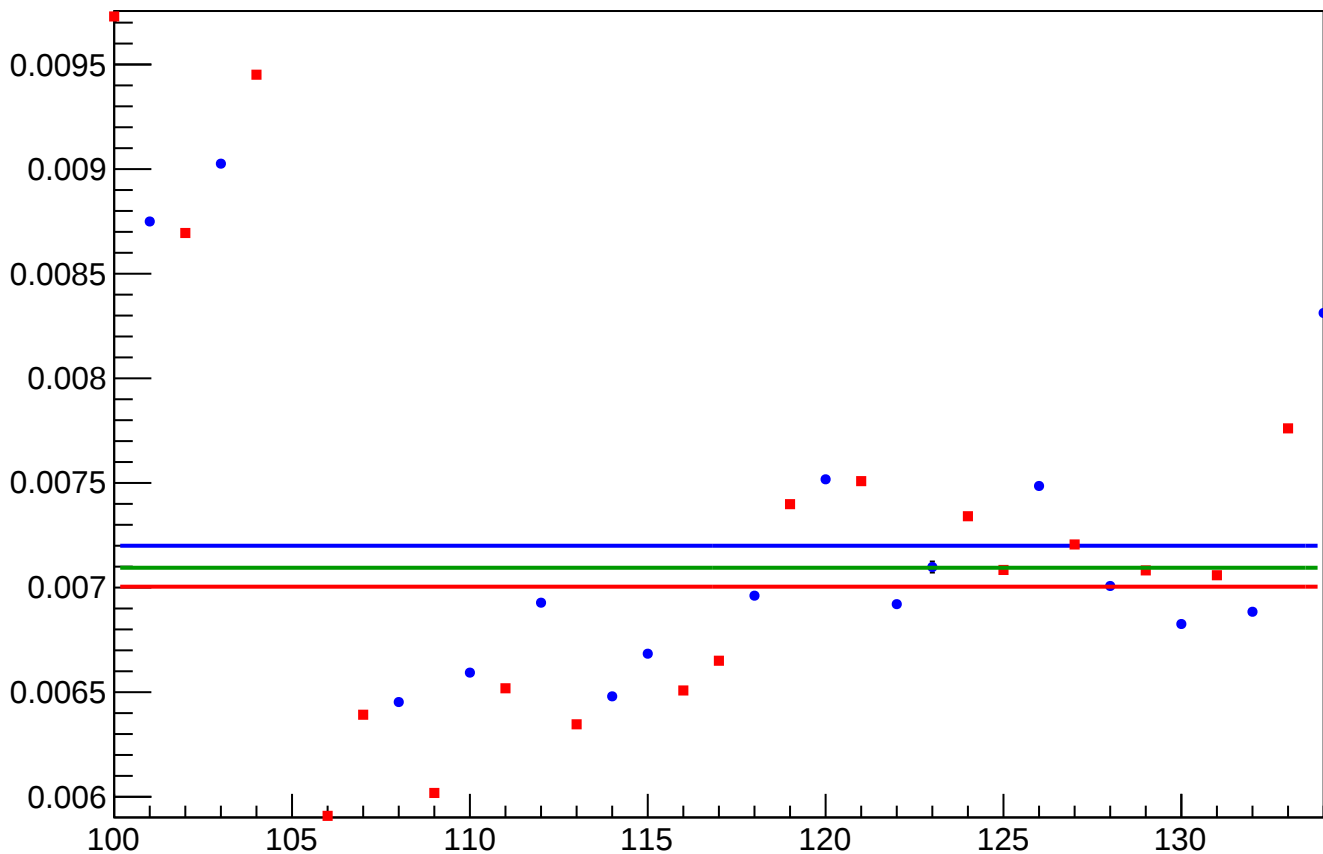
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.123+/-0.000 χ^2/NDF : 14997780807.2/15

1.102+/-0.000 χ^2/NDF : 32333580222.4/3

1.084+/-0.000 χ^2/NDF : 17242004741.8/17

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 122062.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 206766.7/17

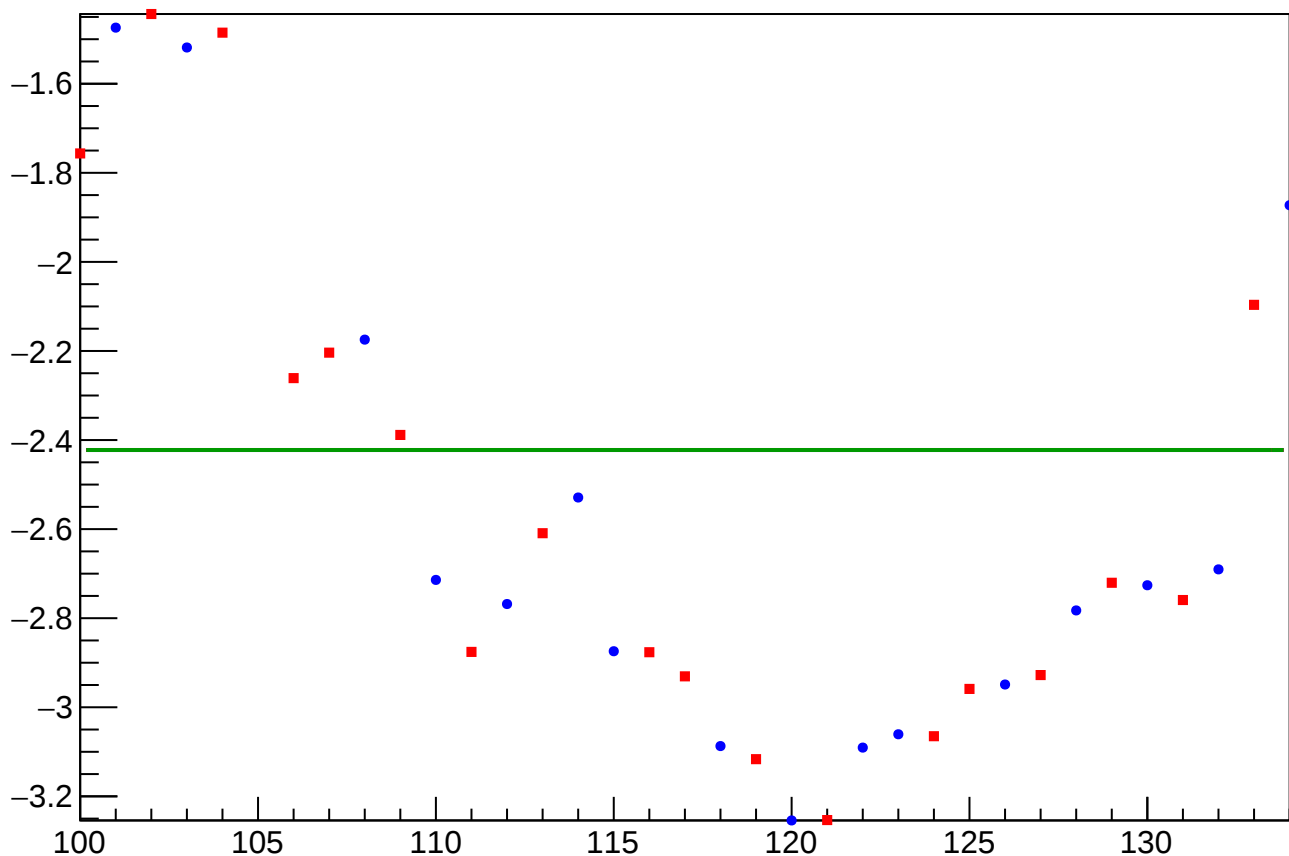
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 122062.1/15

0.007+/-0.000 χ^2/NDF : 333434.7/33

0.007+/-0.000 χ^2/NDF : 206766.7/17

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.422+/-0.000 χ^2/NDF : 52272391791.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.422+/-0.000 χ^2/NDF : 50402375041.1/17

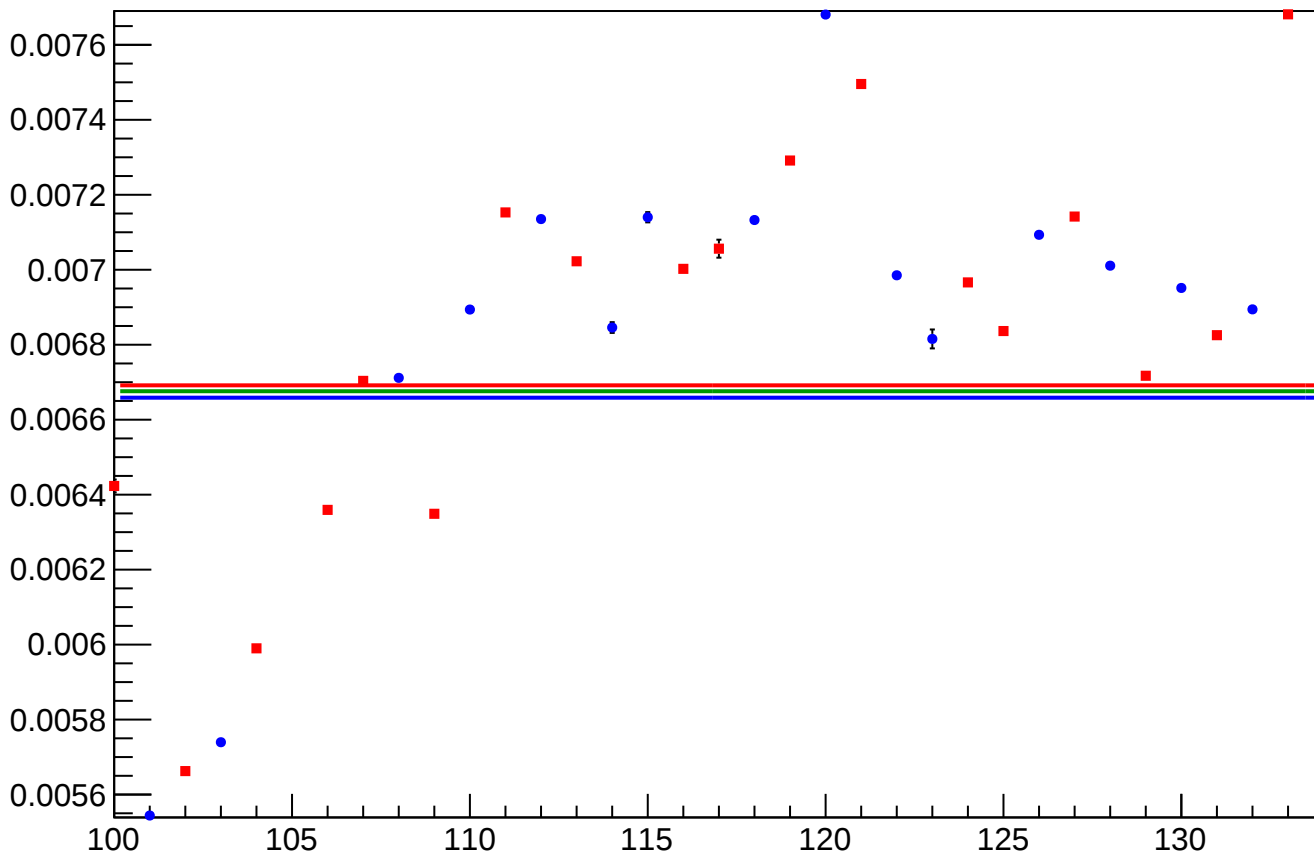
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.422+/-0.000 χ^2/NDF : 52272391791.6/15

-2.422+/-0.000 χ^2/NDF : 102674767336.5

-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 : 114916.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 95685.1/17

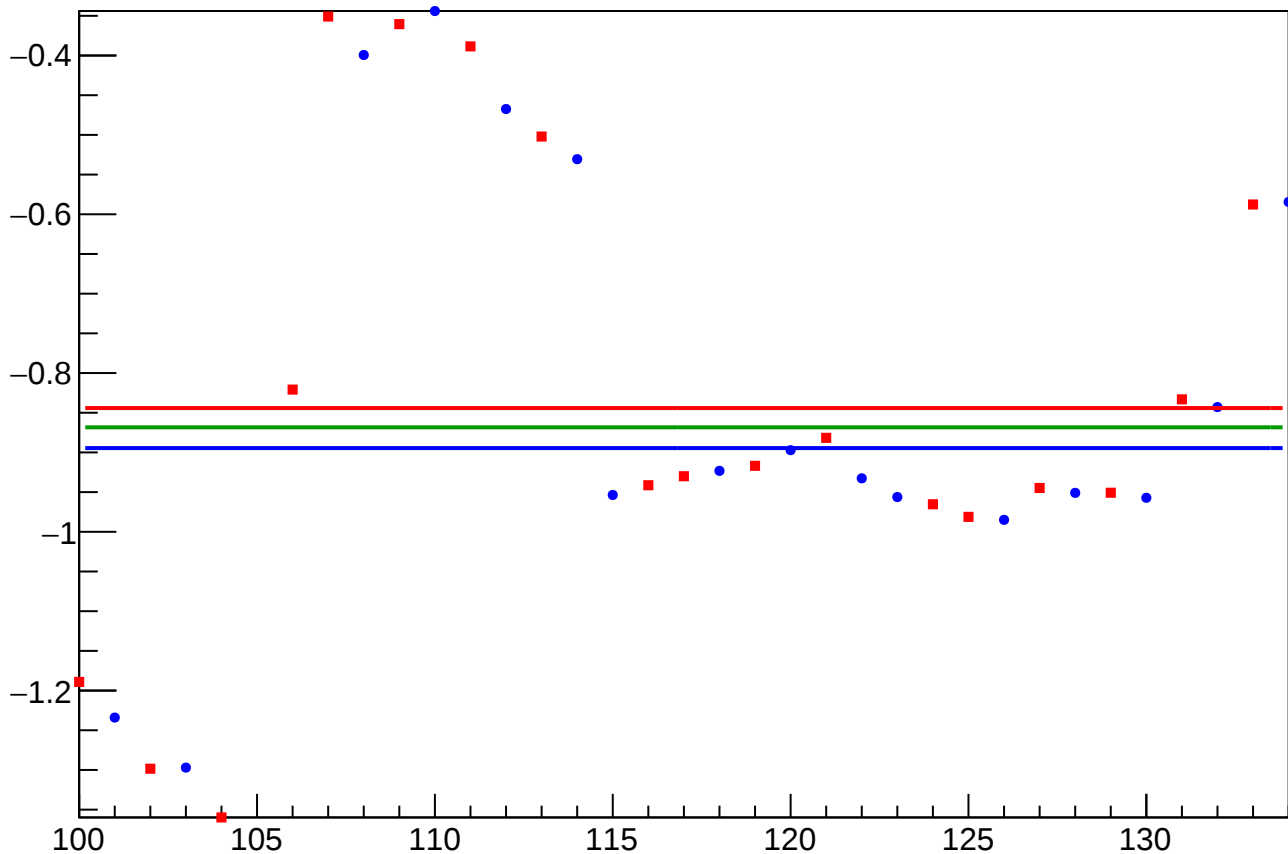
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 114916.4/15

0.007+/-0.000 χ^2/NDF : 210750.6/33

0.007+/-0.000 χ^2/NDF : 95685.1/17

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.895+/-0.000 χ^2/NDF : 4030543850.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.844+/-0.000 χ^2/NDF : 5842455066.4/17

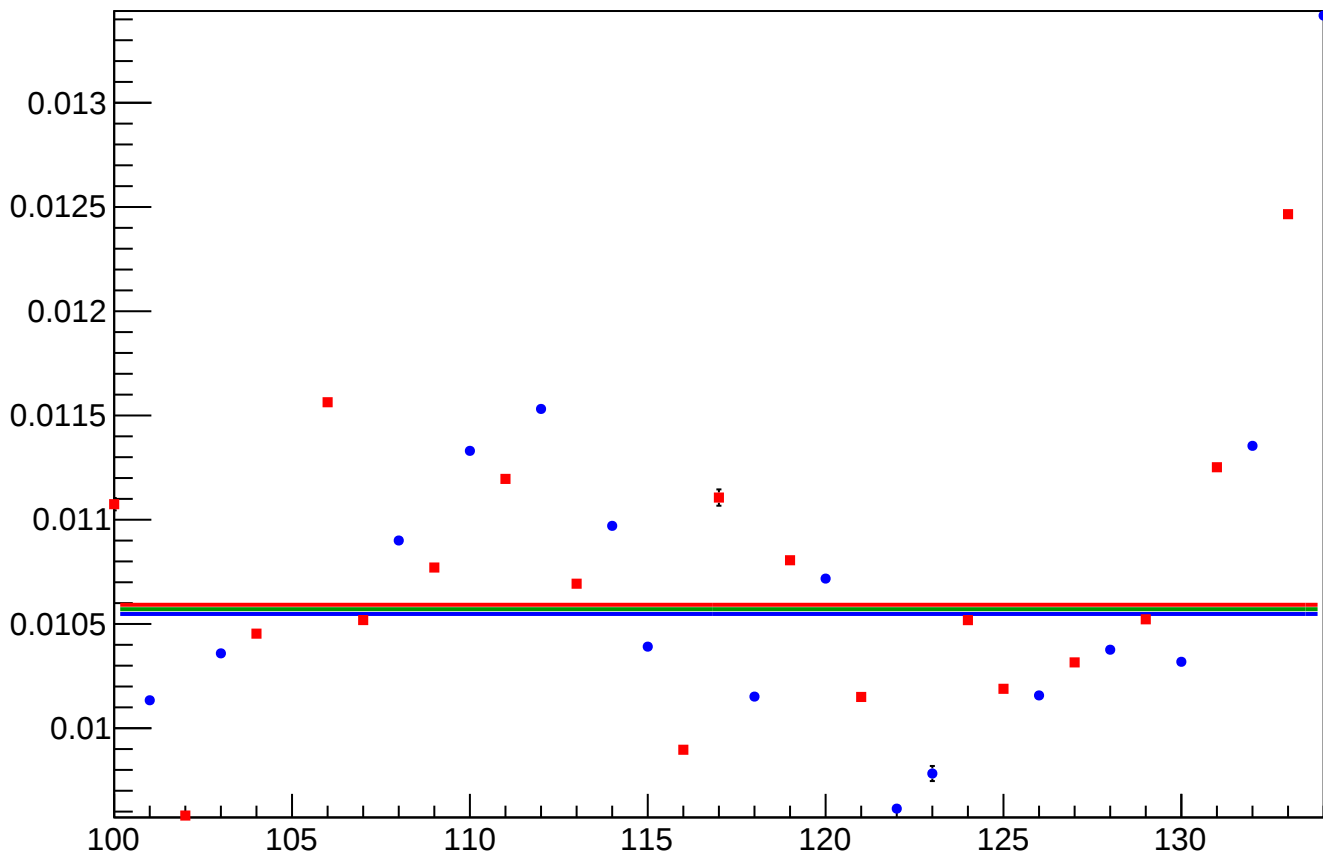
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.895+/-0.000 χ^2/NDF : 4030543850.6/15

-0.868+/-0.000 χ^2/NDF : 9941617588.9/33

-0.844+/-0.000 χ^2/NDF : 5842455066.4/17

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 46491.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 46071.8/17

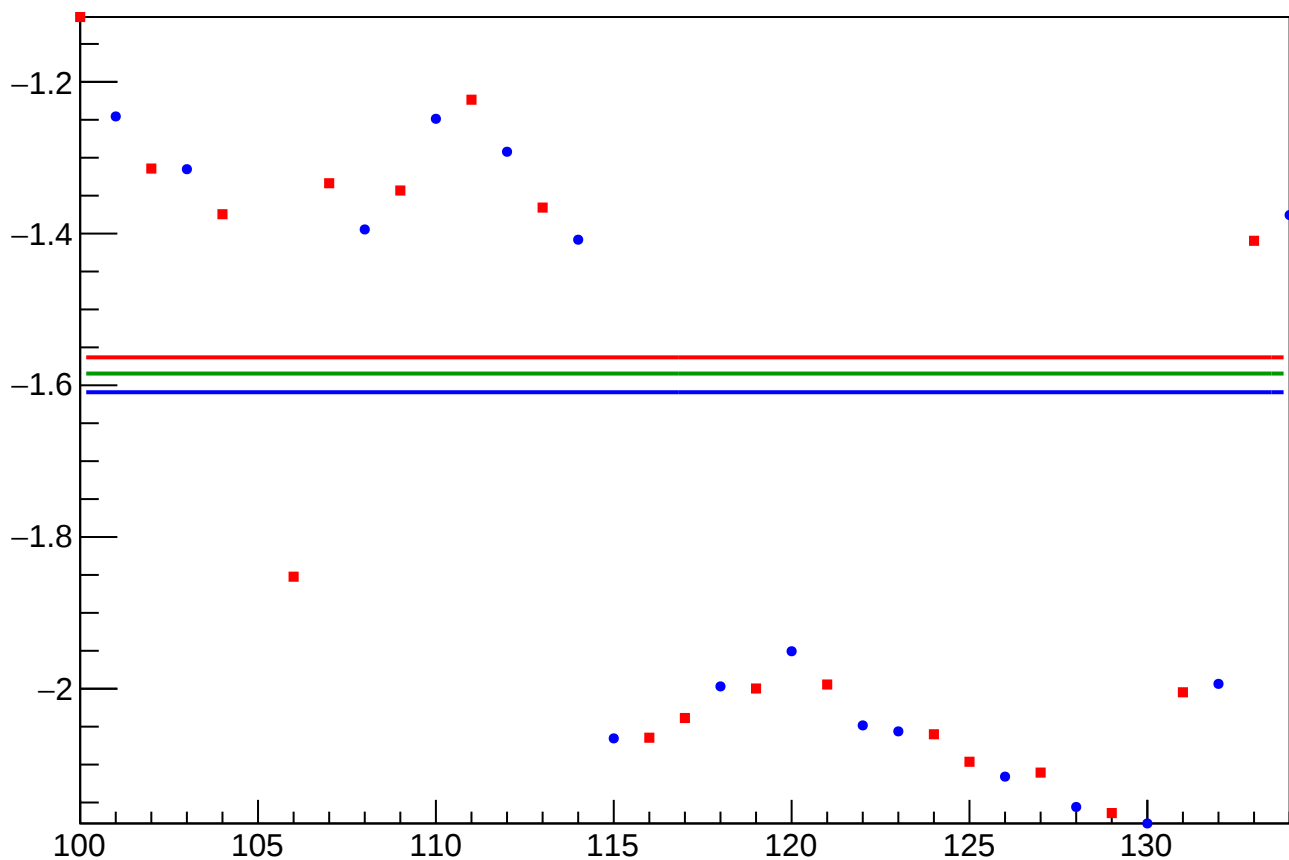
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 46491.7/15

0.011+/-0.000 χ^2/NDF : 92668.5/33

0.011+/-0.000 χ^2/NDF : 46071.8/17

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.609+/-0.000 χ^2 /NDF: 121113792272.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.563+/-0.000 χ^2 /NDF: 107935042507.3/17

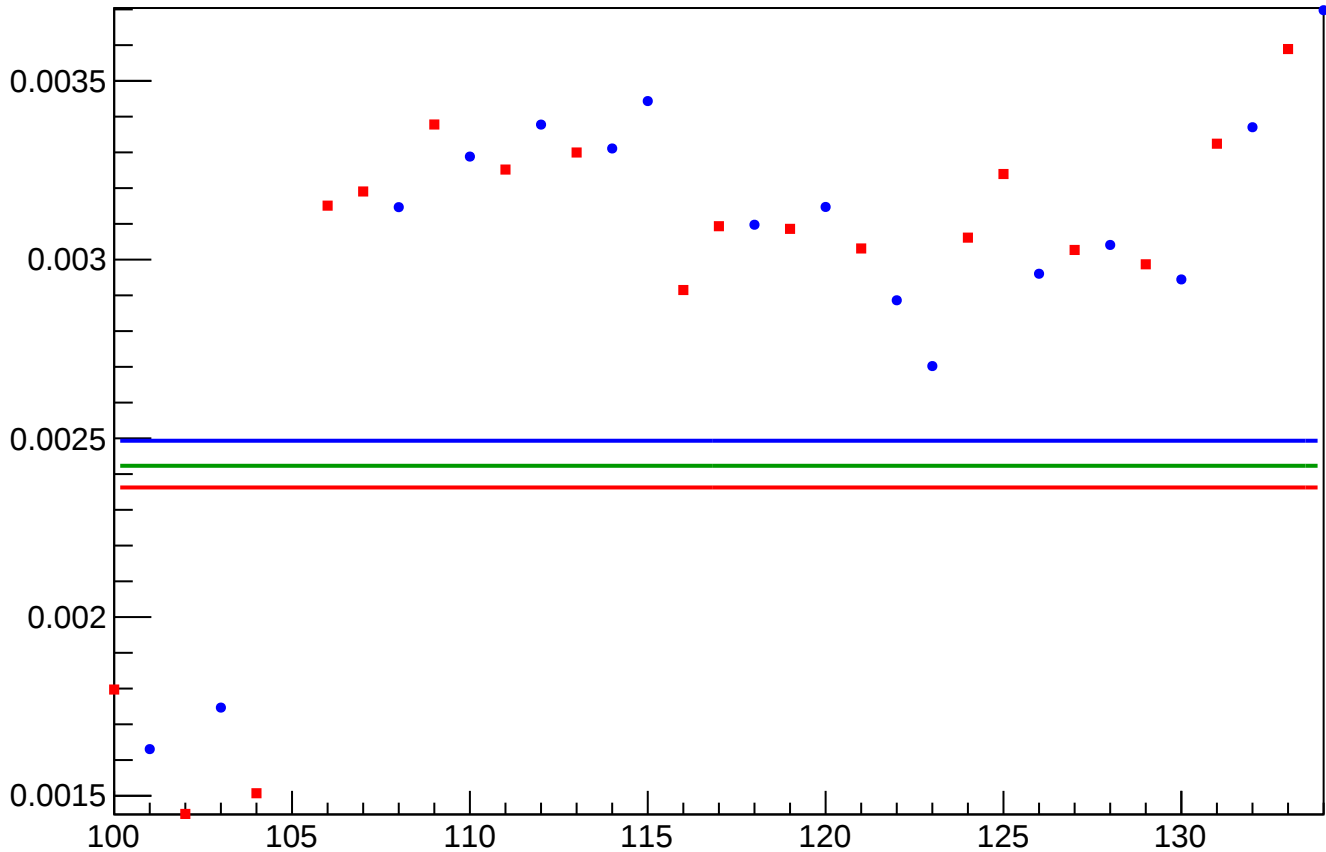
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.609+/-0.000 χ^2 /NDF: 121113792272.3/15

-1.585+/-0.000 χ^2 /NDF: 229952271371.1

-1.563+/-0.000 χ^2 /NDF: 107935042507.3/17

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 852471.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1348703.0/17

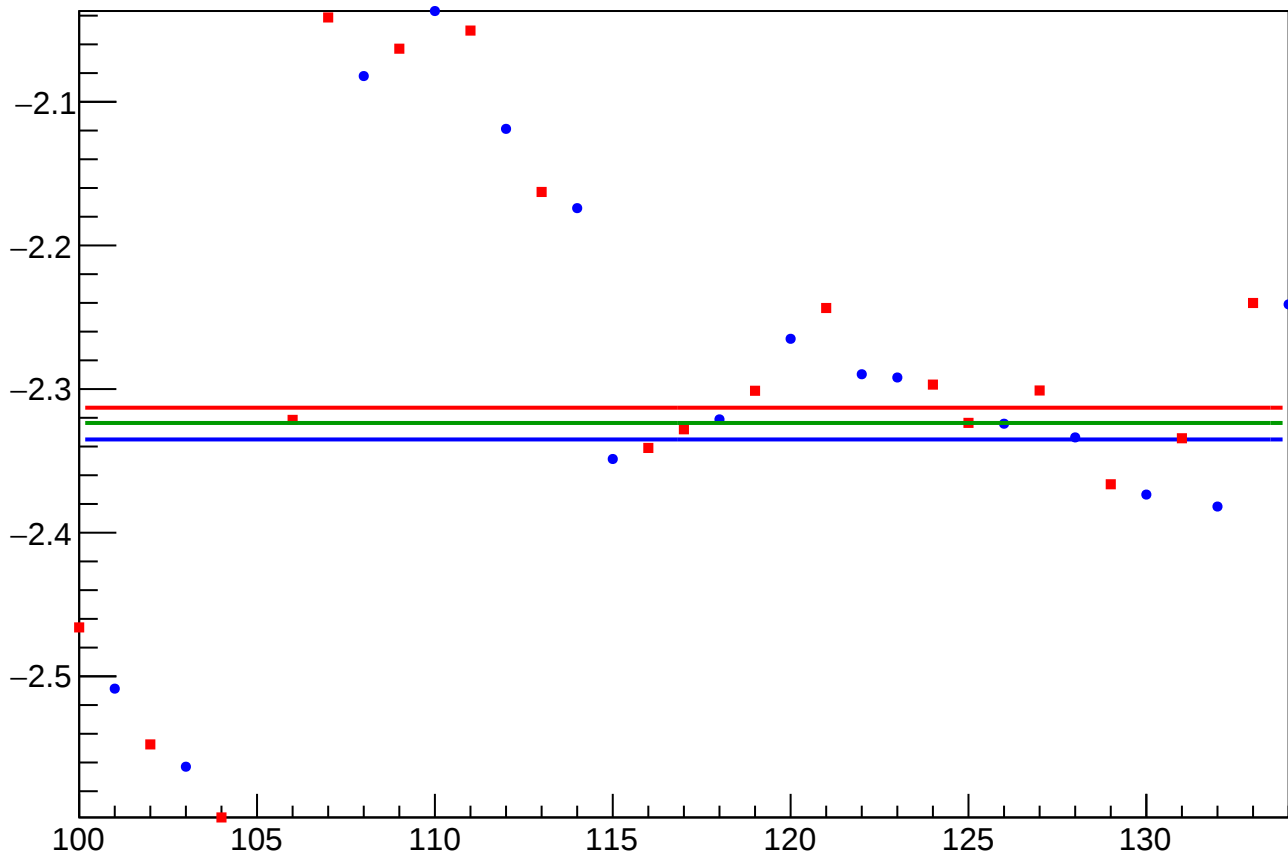
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 852471.0/15

0.002+/-0.000 χ^2/NDF : 2215775.0/33

0.002+/-0.000 χ^2/NDF : 1348703.0/17

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.335 ± 0.000 χ^2/NDF : 3060473182.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.335 ± 0.000 χ^2/NDF : 3060473182.1/15

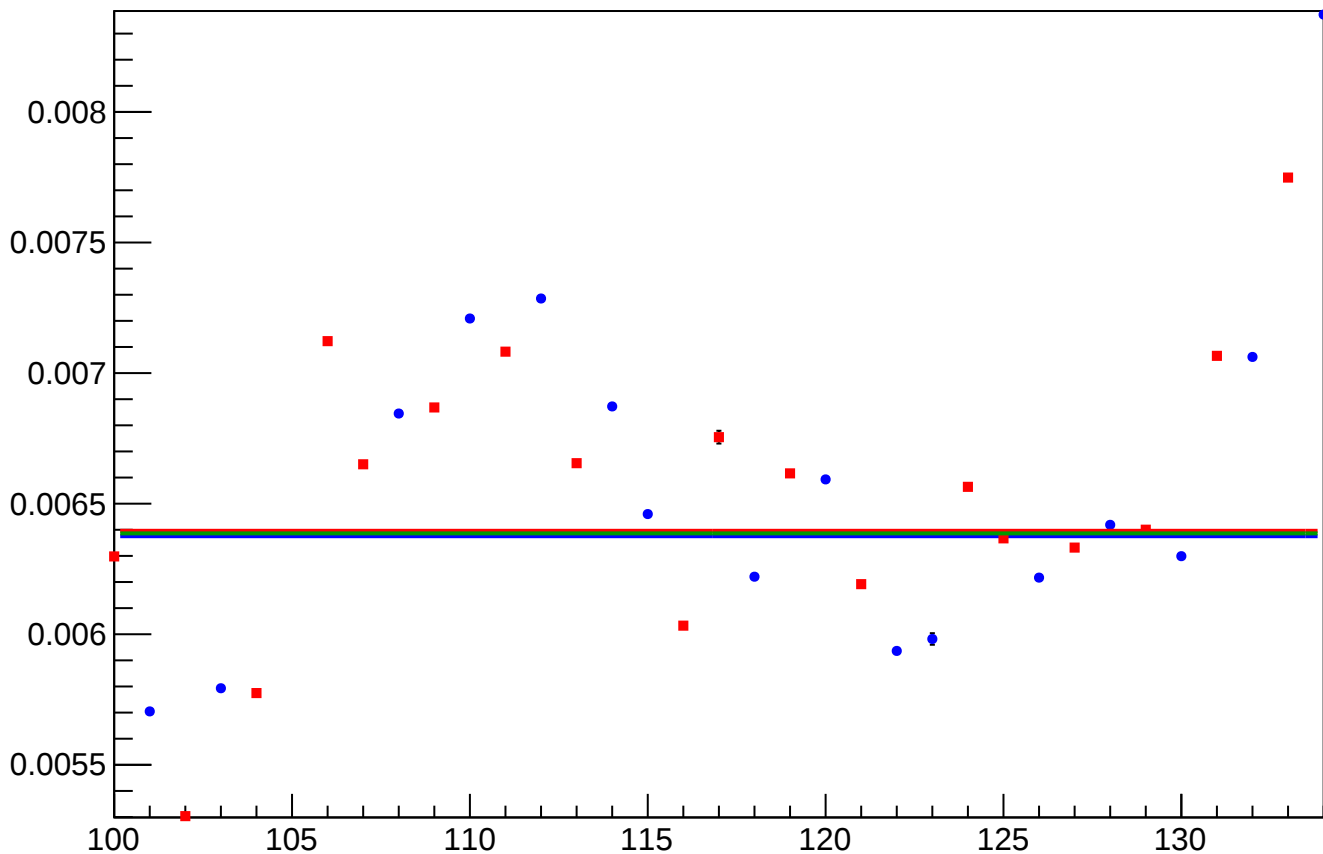
-2.324 ± 0.000 χ^2/NDF : 7562027382.6/30

Right Out: -2.313 ± 0.000 χ^2/NDF : 4465995813.9/17

-2.313 ± 0.000 χ^2/NDF : 4465995813.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 90799.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 113099.5/17

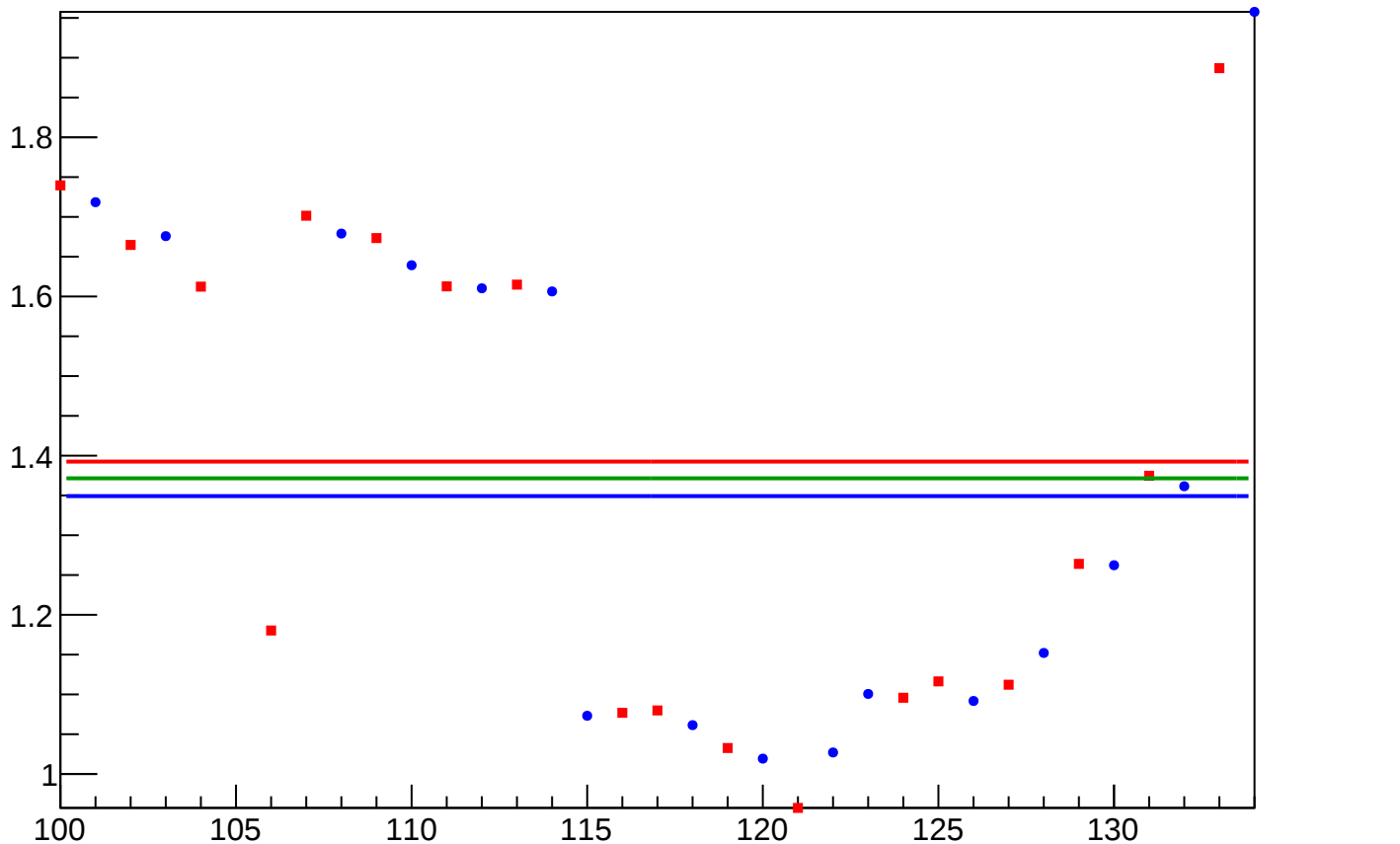
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 90799.5/15

0.006+/-0.000 χ^2/NDF : 203961.1/33

0.006+/-0.000 χ^2/NDF : 113099.5/17

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.349+/-0.000 χ^2/NDF : 109826547108.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.393+/-0.000 χ^2/NDF : 124144464072.3/17

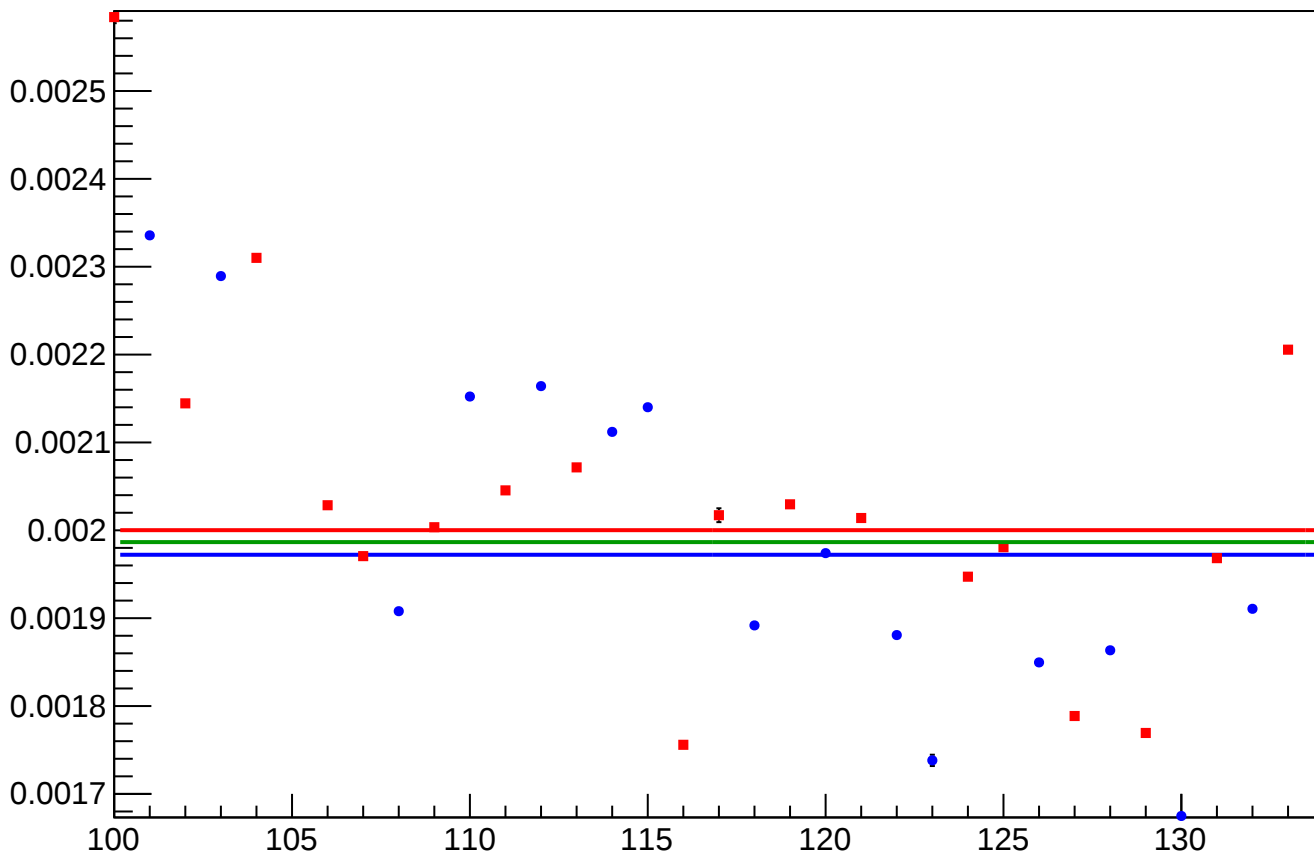
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.349+/-0.000 χ^2/NDF : 109826547108.2/15

1.372+/-0.000 χ^2/NDF : 235317696596.1/17

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 : 107838.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 73224.5/17

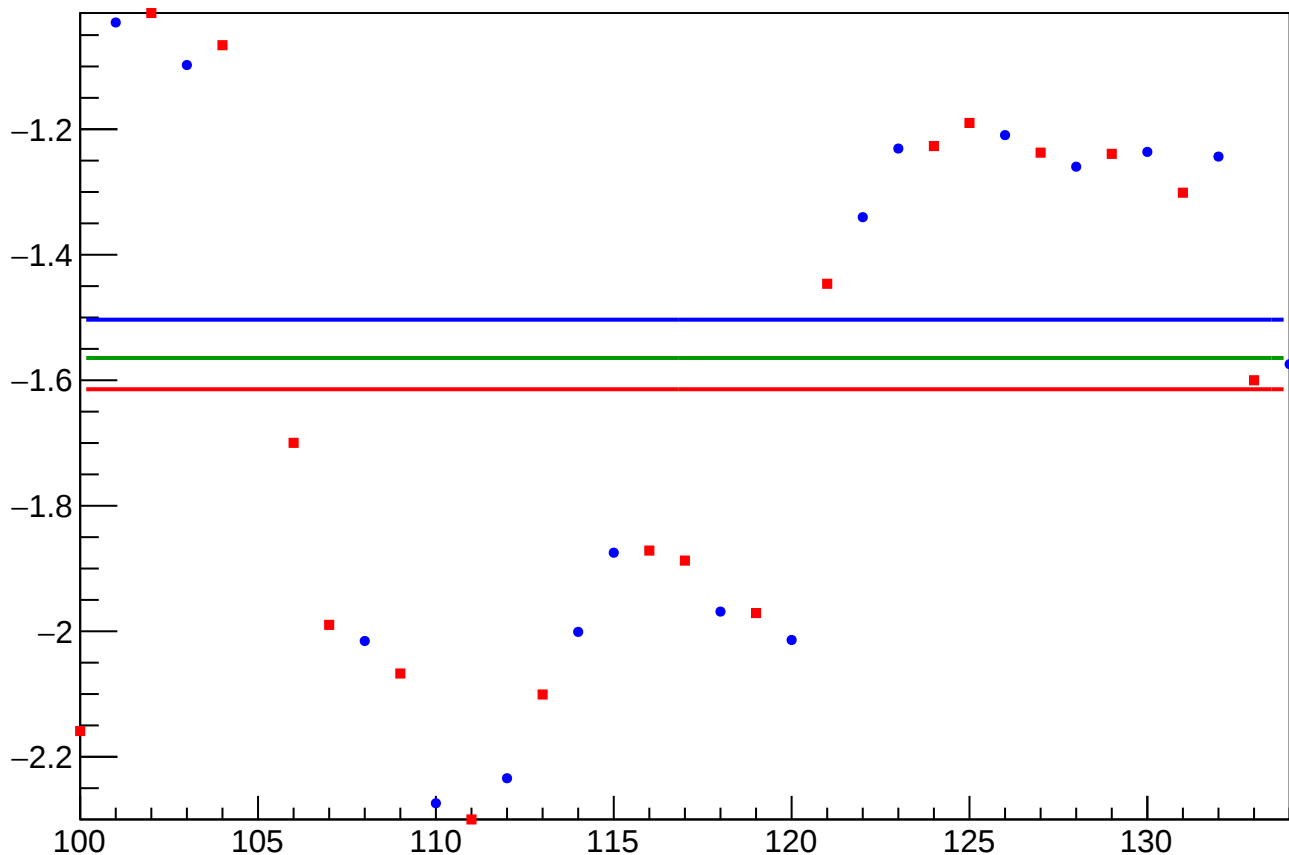
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 107838.4/15

0.002+/-0.000 χ^2/NDF : 182184.2/33

0.002+/-0.000 χ^2/NDF : 73224.5/17

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.503+/-0.000 $\chi^2/\text{NDF}: 22459597861.1/15$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.614+/-0.000 $\chi^2/\text{NDF}: 27849511081.0/17$

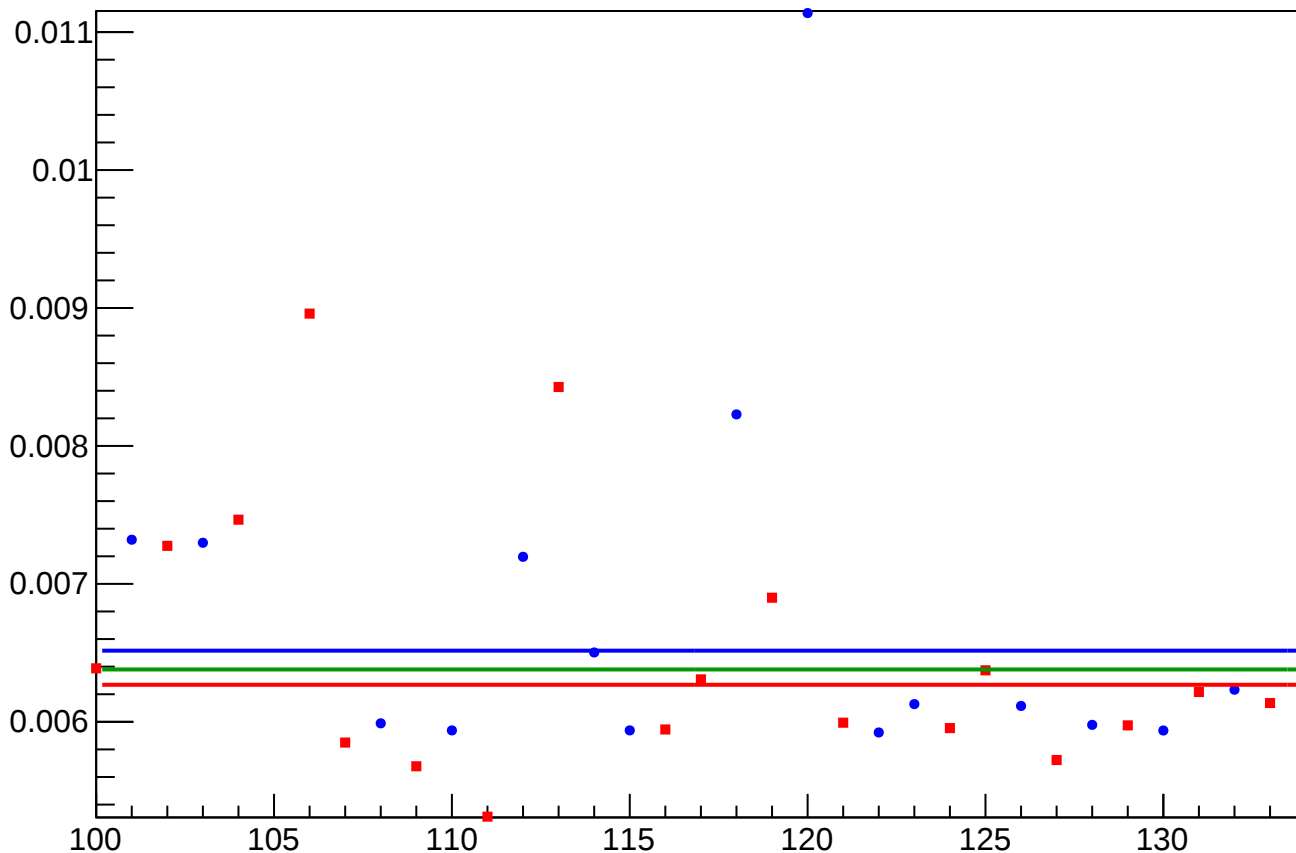
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.503+/-0.000 $\chi^2/\text{NDF}: 22459597861.1/15$

-1.564+/-0.000 $\chi^2/\text{NDF}: 51151462049.2/3$

-1.614+/-0.000 $\chi^2/\text{NDF}: 27849511081.0/17$

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 205242.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 195533.7/17

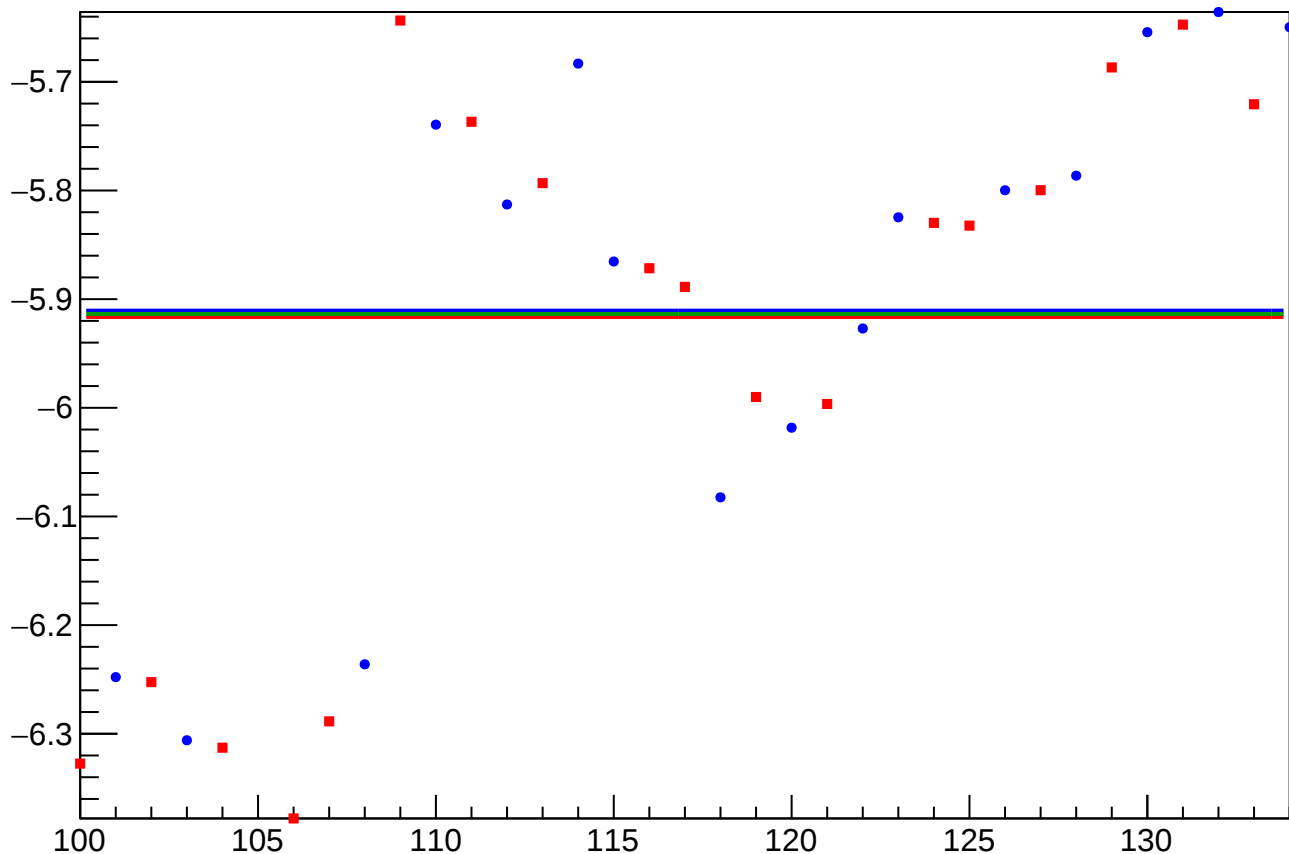
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 205242.7/15

0.006+/-0.000 χ^2/NDF : 409160.0/33

0.006+/-0.000 χ^2/NDF : 195533.7/17

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.911+/-0.000 χ^2/NDF : 11154089598.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.916+/-0.000 χ^2/NDF : 12723544837.1/17

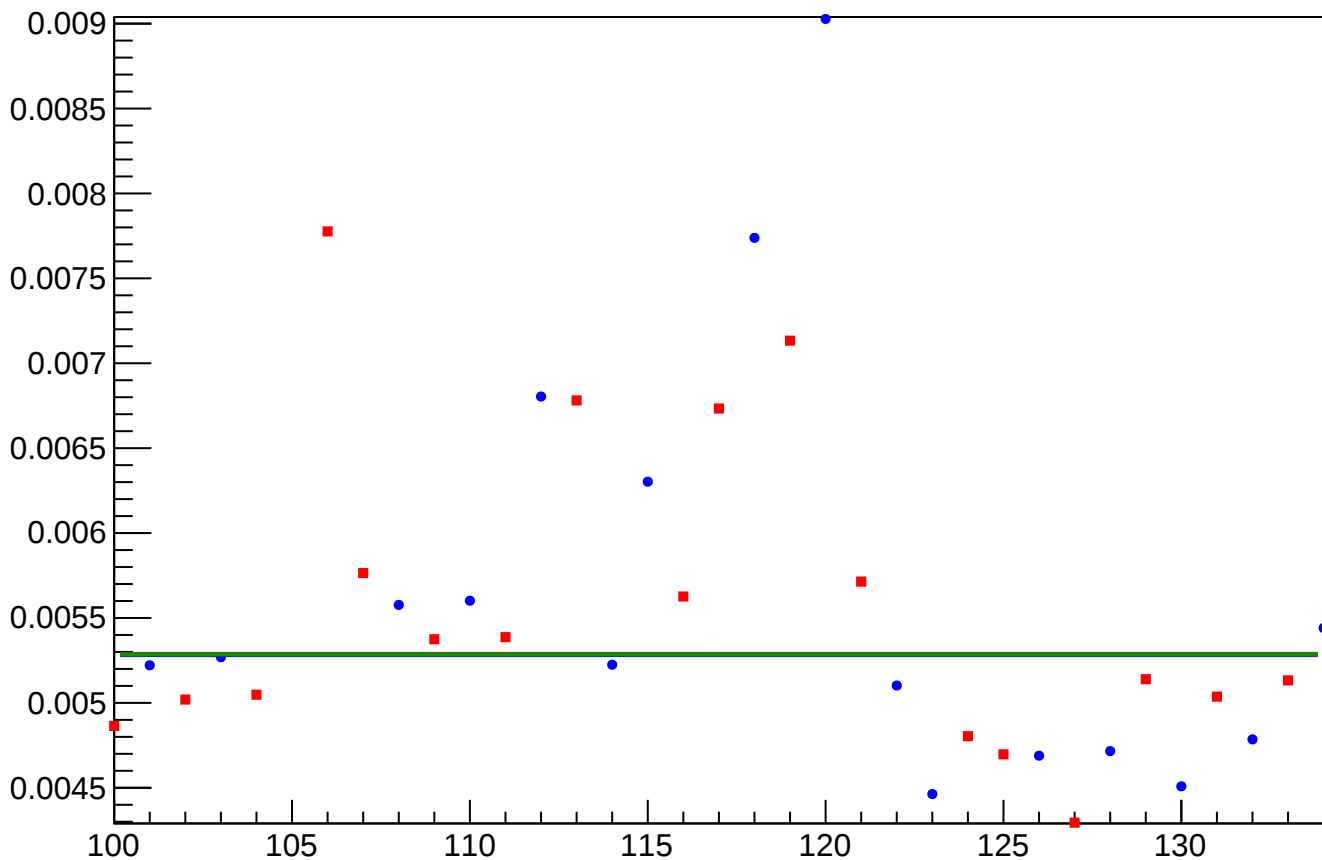
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.911+/-0.000 χ^2/NDF : 11154089598.9/15

-5.914+/-0.000 χ^2/NDF : 23880970144.5/17

-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 : 305174.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 225984.5/17

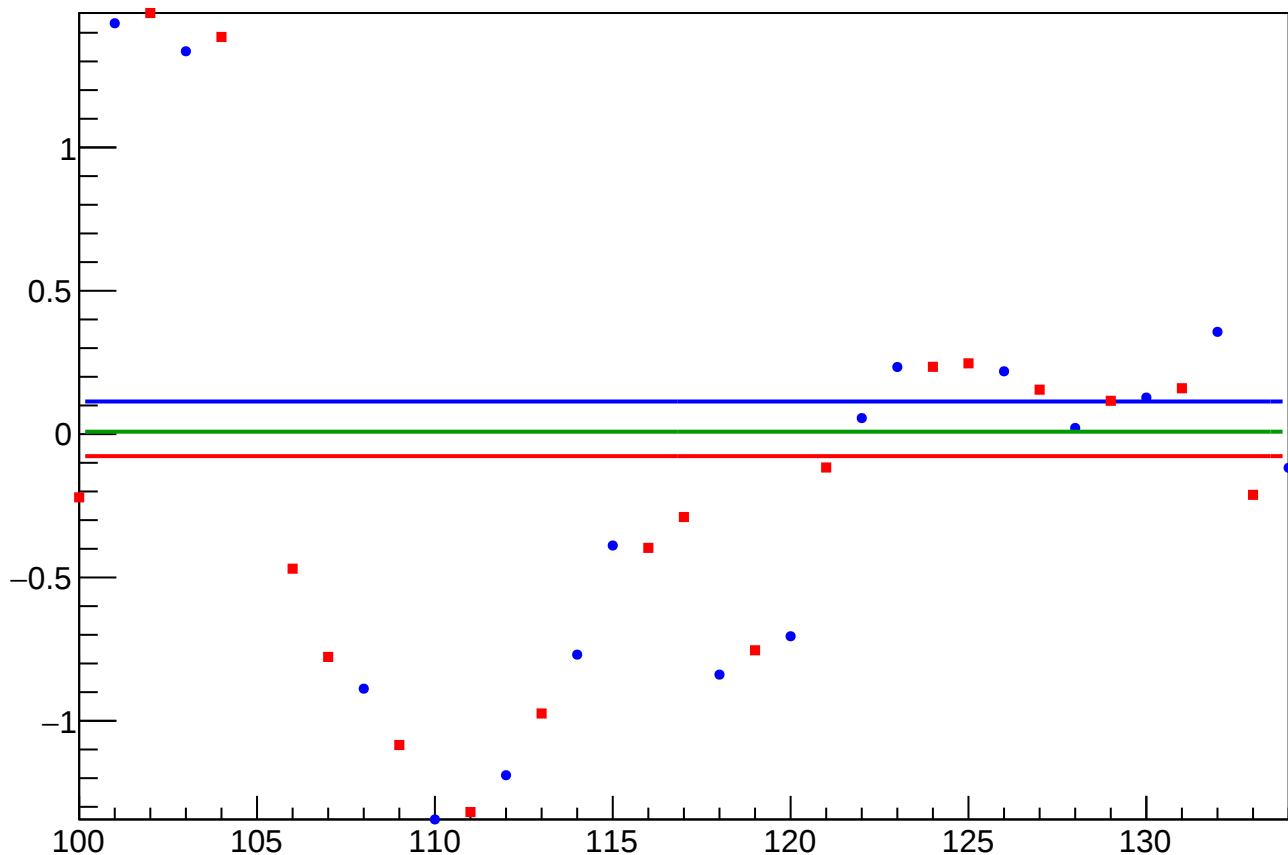
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 305174.9/15

0.005+/-0.000 χ^2/NDF : 531169.5/33

0.005+/-0.000 χ^2/NDF : 225984.5/17

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.114+/-0.000 χ^2/NDF : 16575943097.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.114+/-0.000 χ^2/NDF : 16575943097.0/15

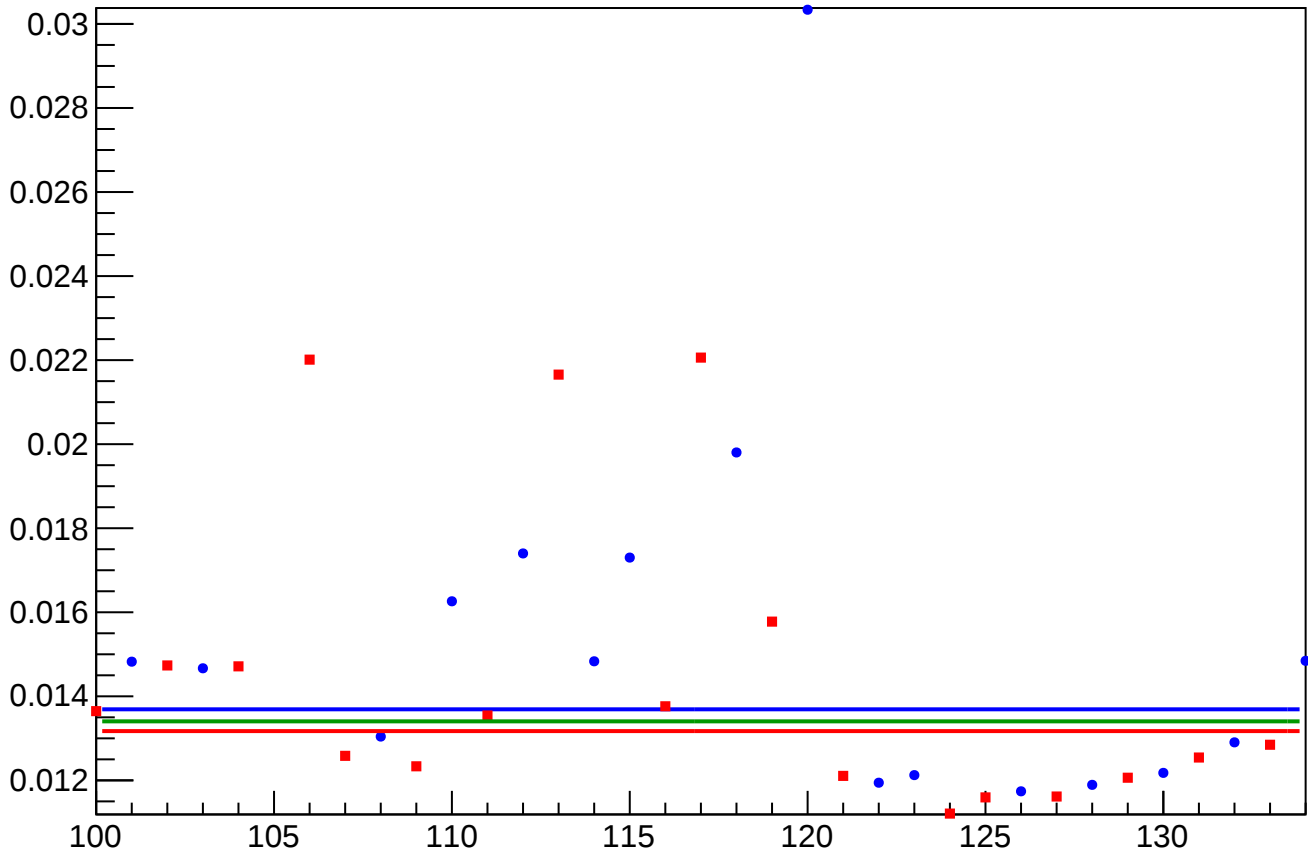
0.009+/-0.000 χ^2/NDF : 37939116159.6/3

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 $\pm$ 0.000 χ^2/NDF : 379432.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 278705.8/17

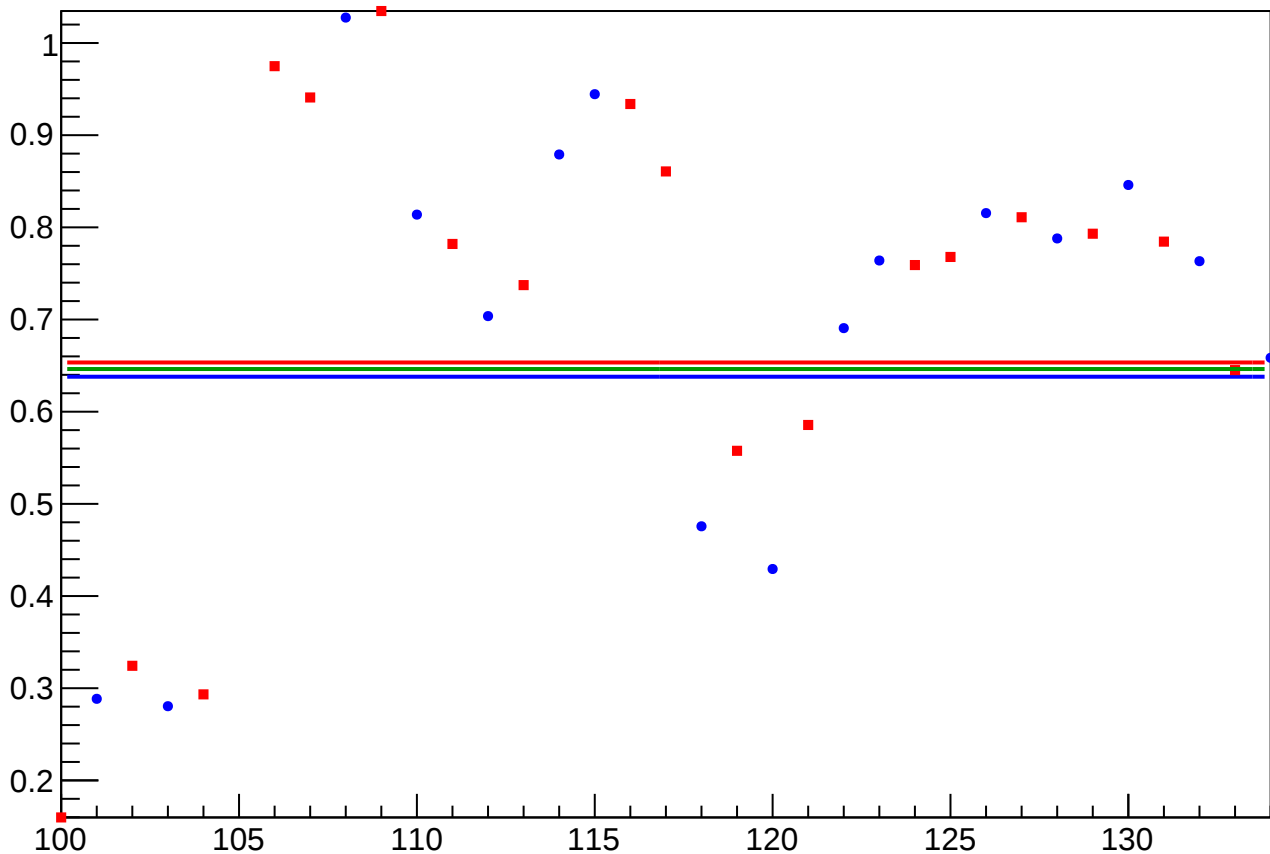
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.014 $\pm$ 0.000 χ^2/NDF : 379432.0/15

0.013 $\pm$ 0.000 χ^2/NDF : 666267.2/33

0.013 $\pm$ 0.000 χ^2/NDF : 278705.8/17

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.638+/-0.000 χ^2/NDF : 5188796635.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.653+/-0.000 χ^2/NDF : 5720625147.4/17

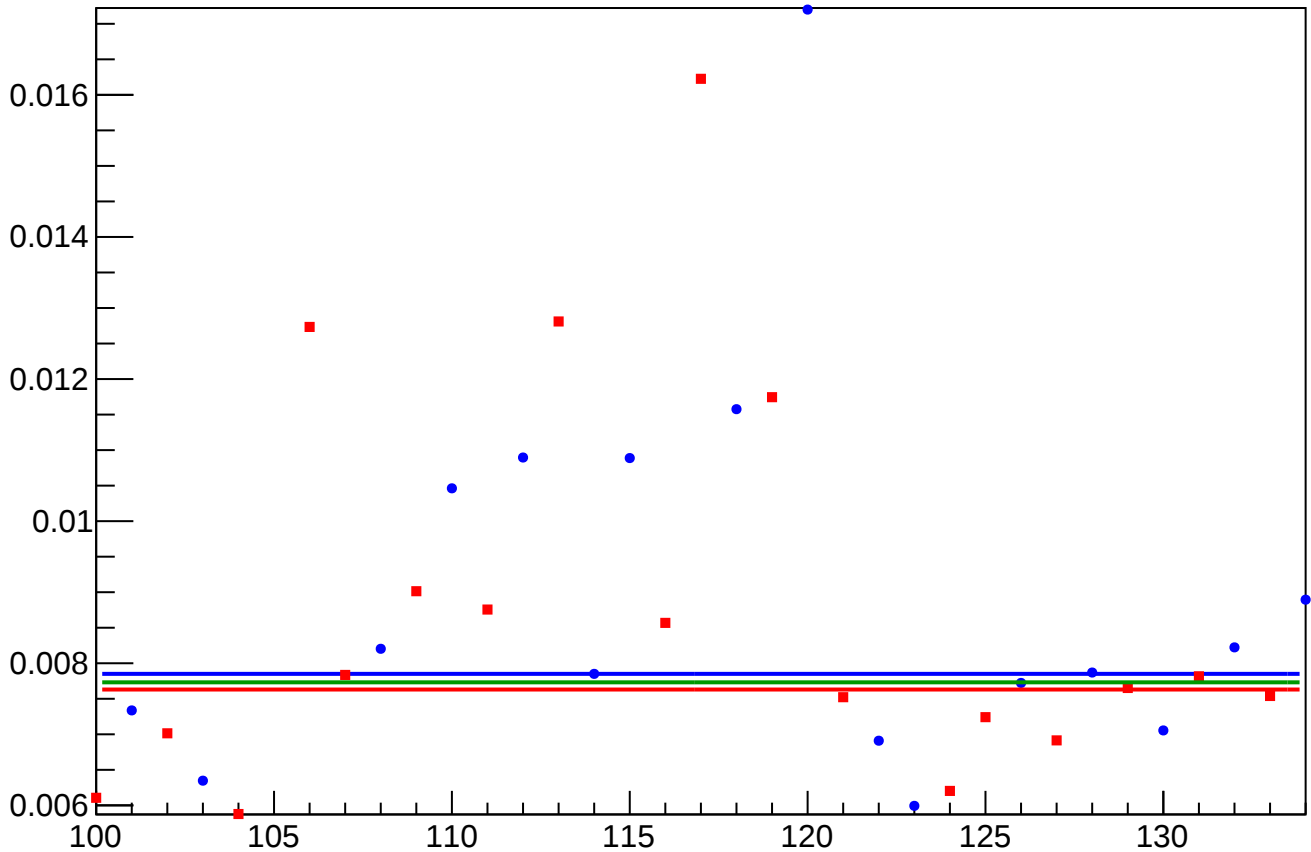
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.638+/-0.000 χ^2/NDF : 5188796635.9/15

0.646+/-0.000 χ^2/NDF : 10920044906.5/3

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 : 464998.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 453943.4/17

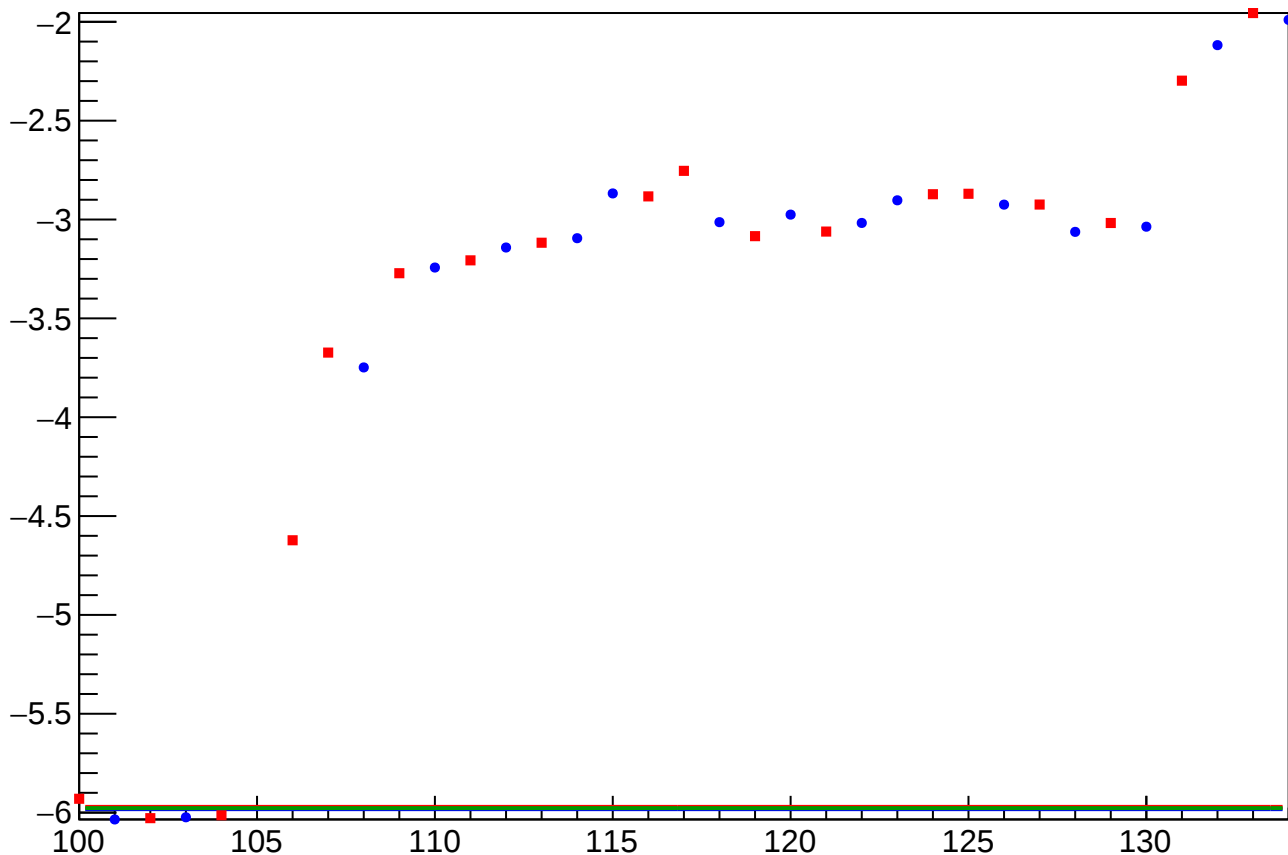
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 464998.2/15

0.008+/-0.000 χ^2/NDF : 923270.5/33

0.008+/-0.000 χ^2/NDF : 453943.4/17

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.982+/-0.000 χ^2 /NDF: 6119432599.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.971+/-0.000 χ^2 /NDF: 5462320056.1/17

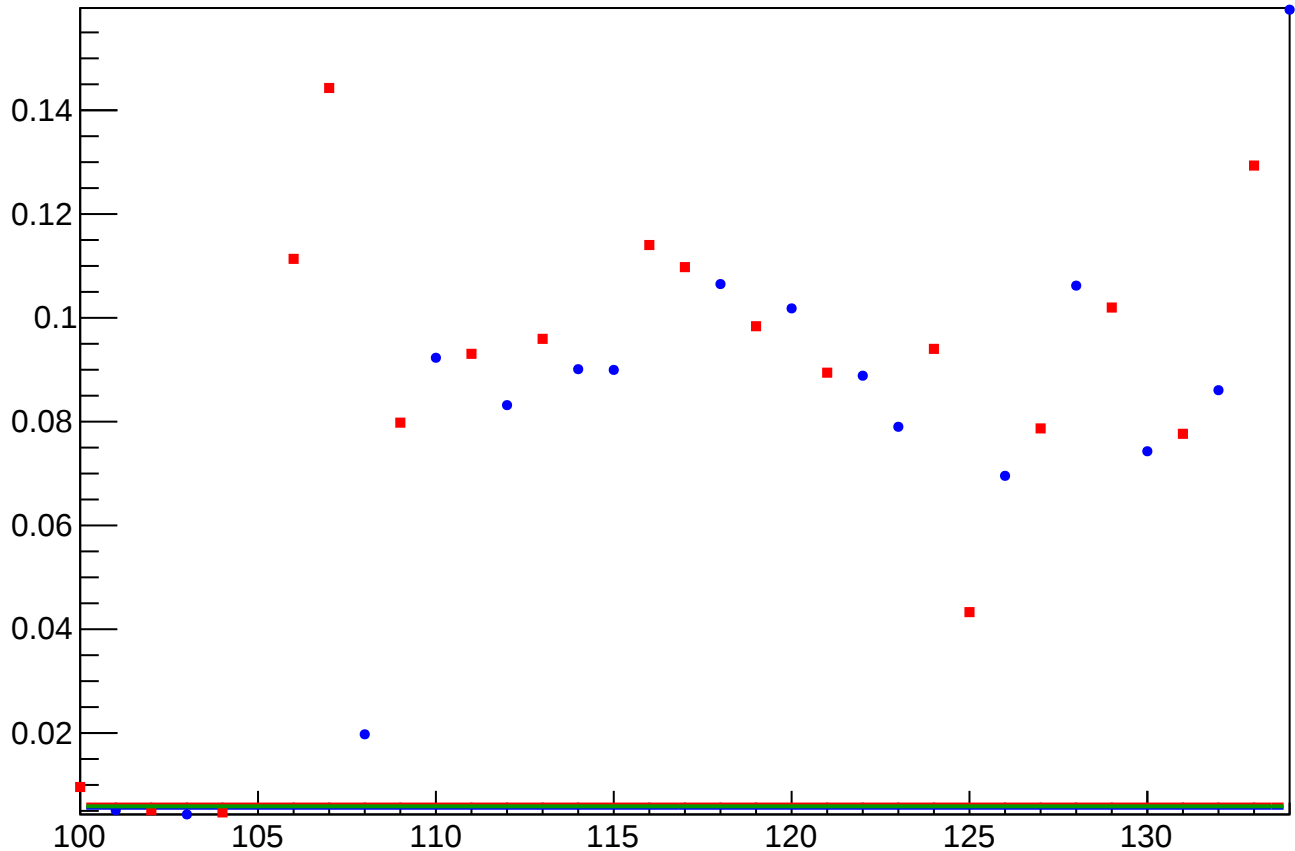
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.982+/-0.000 χ^2 /NDF: 6119432599.1/15

-5.977+/-0.000 χ^2 /NDF: 11584450781.0/17

-5.971+/-0.000 χ^2 /NDF: 5462320056.1/17

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7023143.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 8122155.8/17

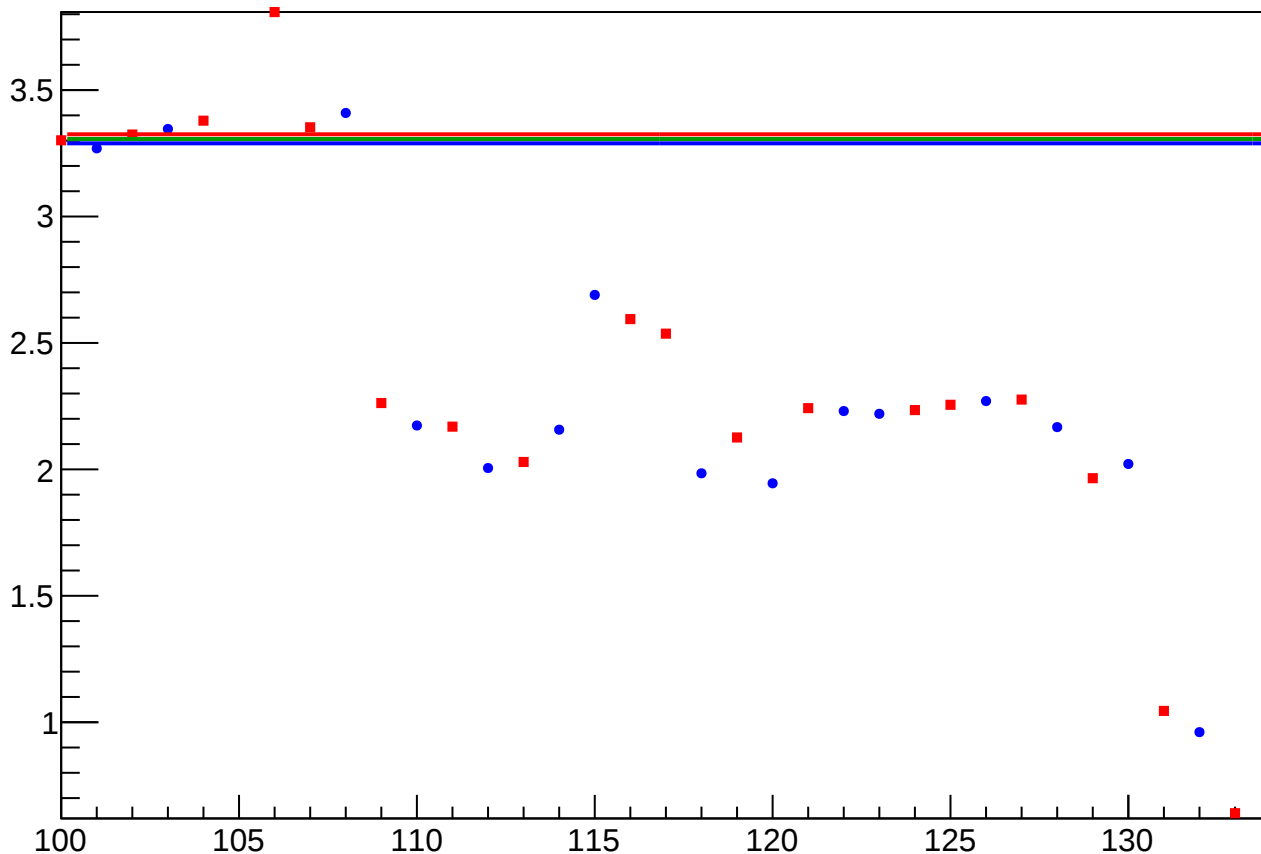
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7023143.1/15

0.006+/-0.000 χ^2/NDF : 15161147.8/33

0.006+/-0.000 χ^2/NDF : 8122155.8/17

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.289+/-0.000 χ^2/NDF : 942888504.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.325+/-0.000 χ^2/NDF : 1006551082.0/17

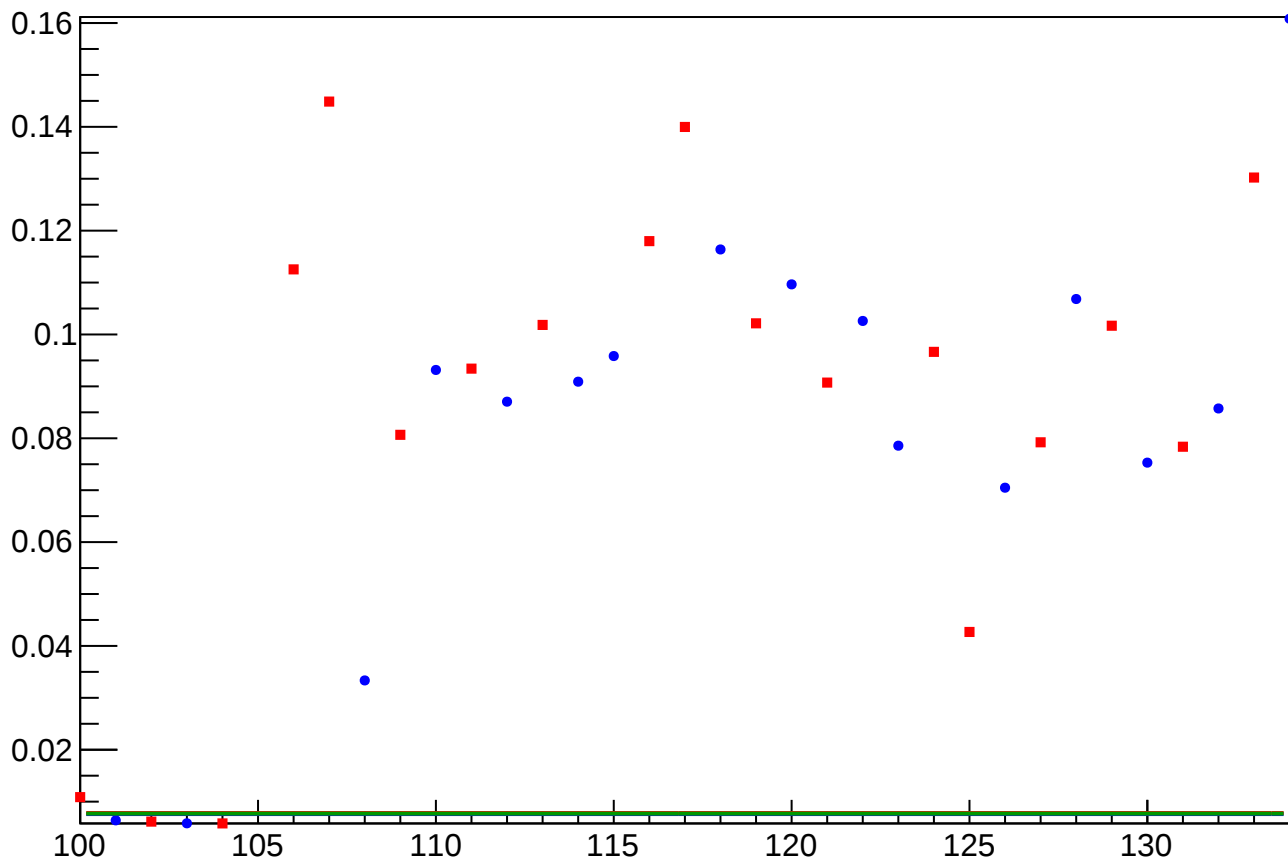
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.289+/-0.000 χ^2/NDF : 942888504.7/15

3.307+/-0.000 χ^2/NDF : 1966767882.0/33

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 : 6932007.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 7879970.7/17

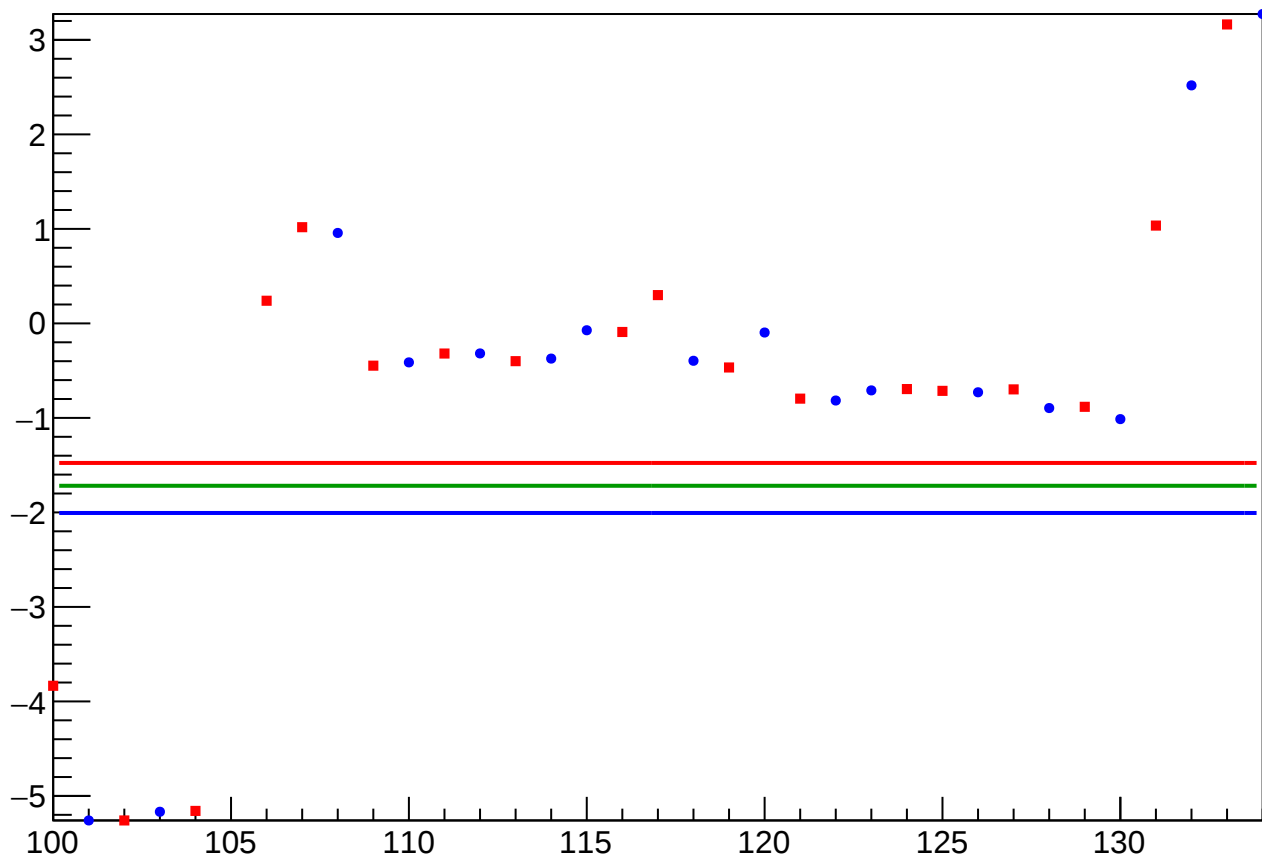
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 6932007.3/15

0.008+/-0.000 χ^2/NDF : 14812999.2/33

0.008+/-0.000 χ^2/NDF : 7879970.7/17

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.006+/-0.000 χ^2/NDF : 148441563456.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.477+/-0.000 χ^2/NDF : 167272448126.7/17

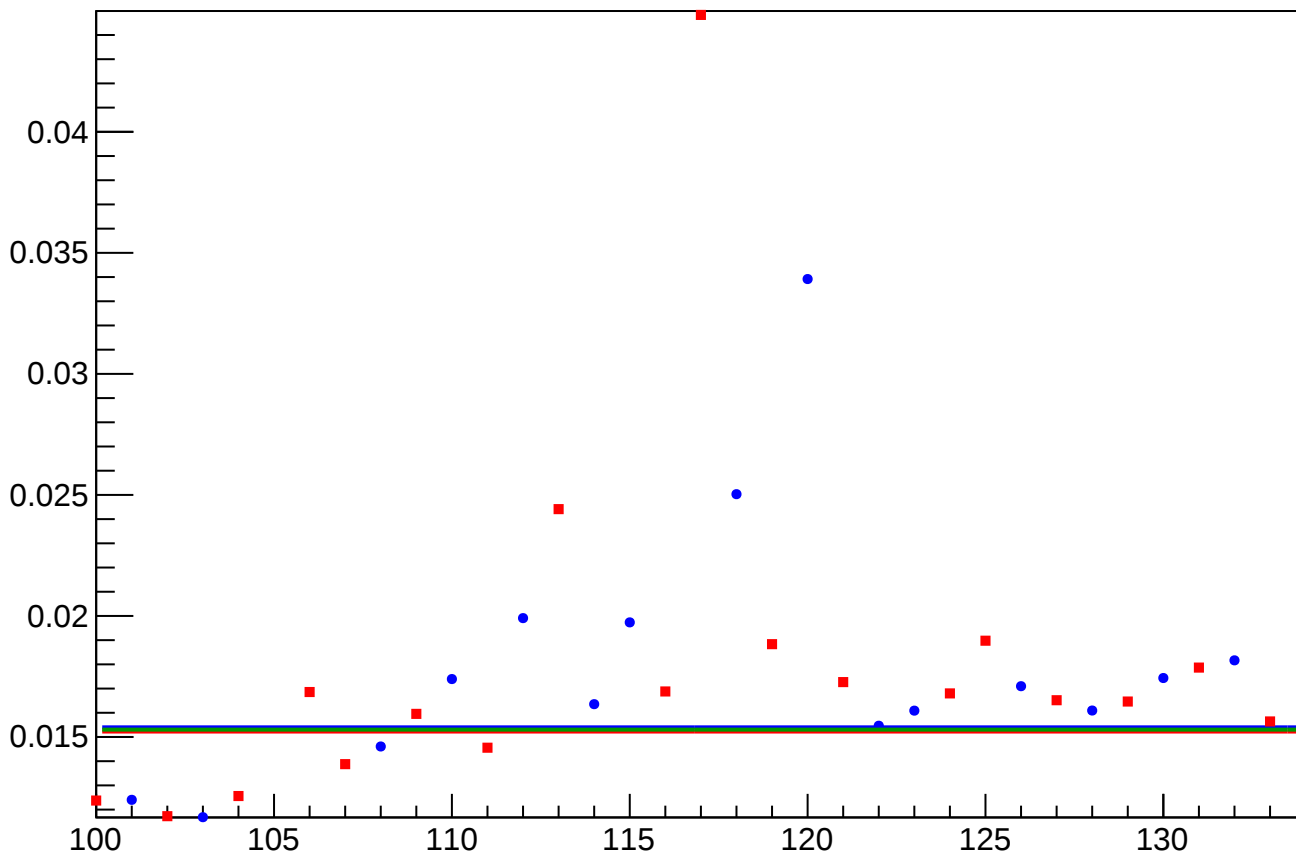
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.006+/-0.000 χ^2/NDF : 148441563456.1/15

-1.718+/-0.000 χ^2/NDF : 318840885612.8

-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 : 554230.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 374199.3/17

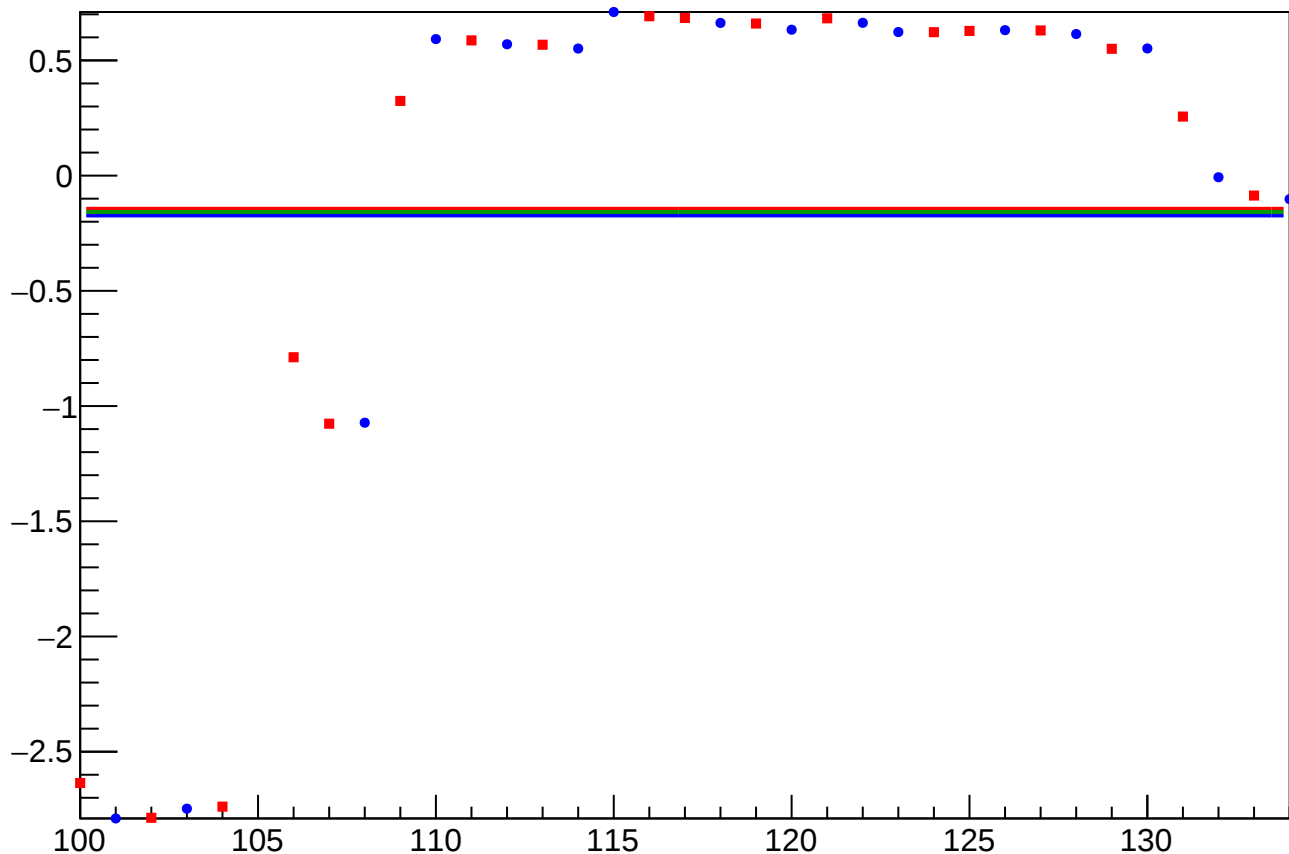
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 554230.9/15

0.015+/-0.000 χ^2/NDF : 929102.5/33

0.015+/-0.000 χ^2/NDF : 374199.3/17

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.173+/-0.000 χ^2/NDF : 711251330465.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.144+/-0.000 χ^2/NDF : 760097238085.8/17

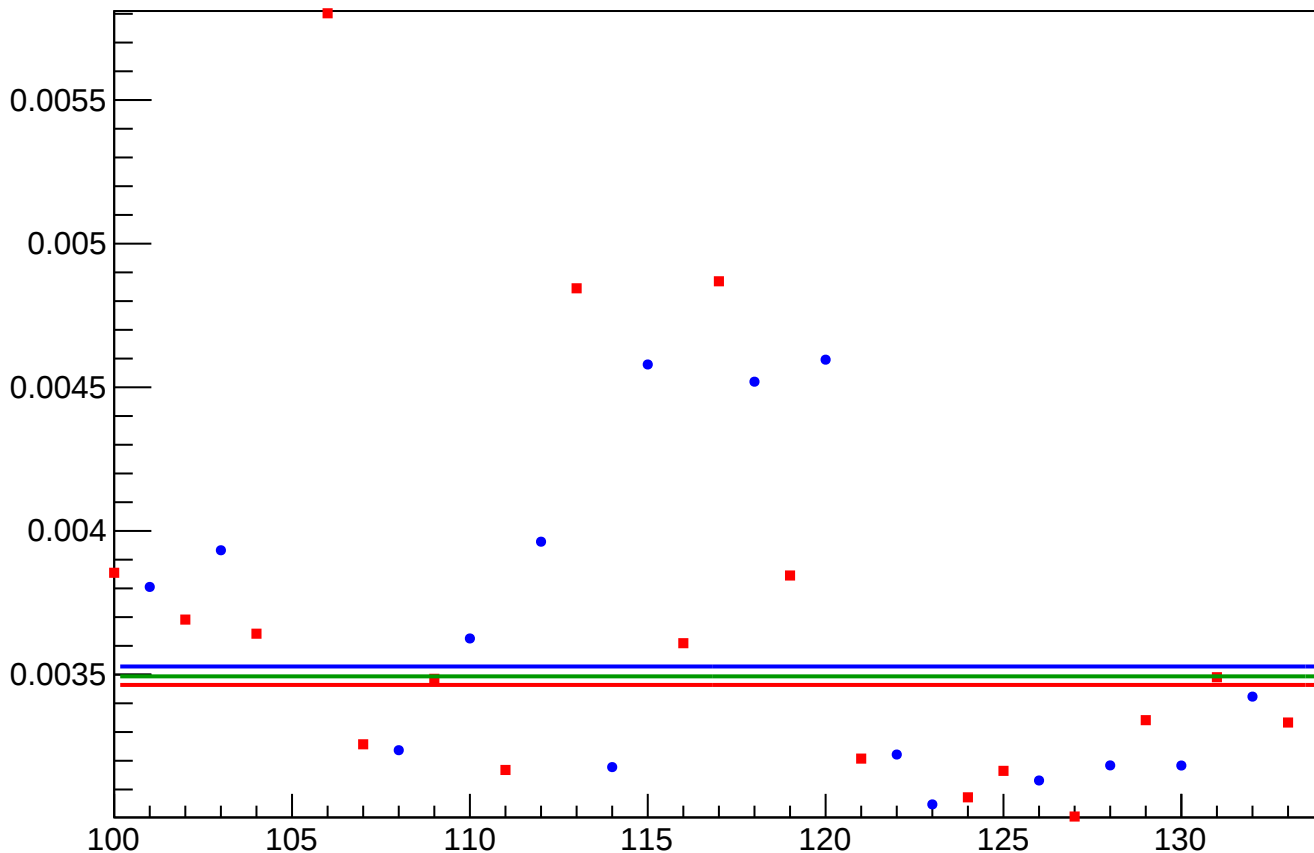
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.173+/-0.000 χ^2/NDF : 711251330465.3/15

-0.157+/-0.000 χ^2/NDF : 1471545544258.

-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 : 169139.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 221558.3/17

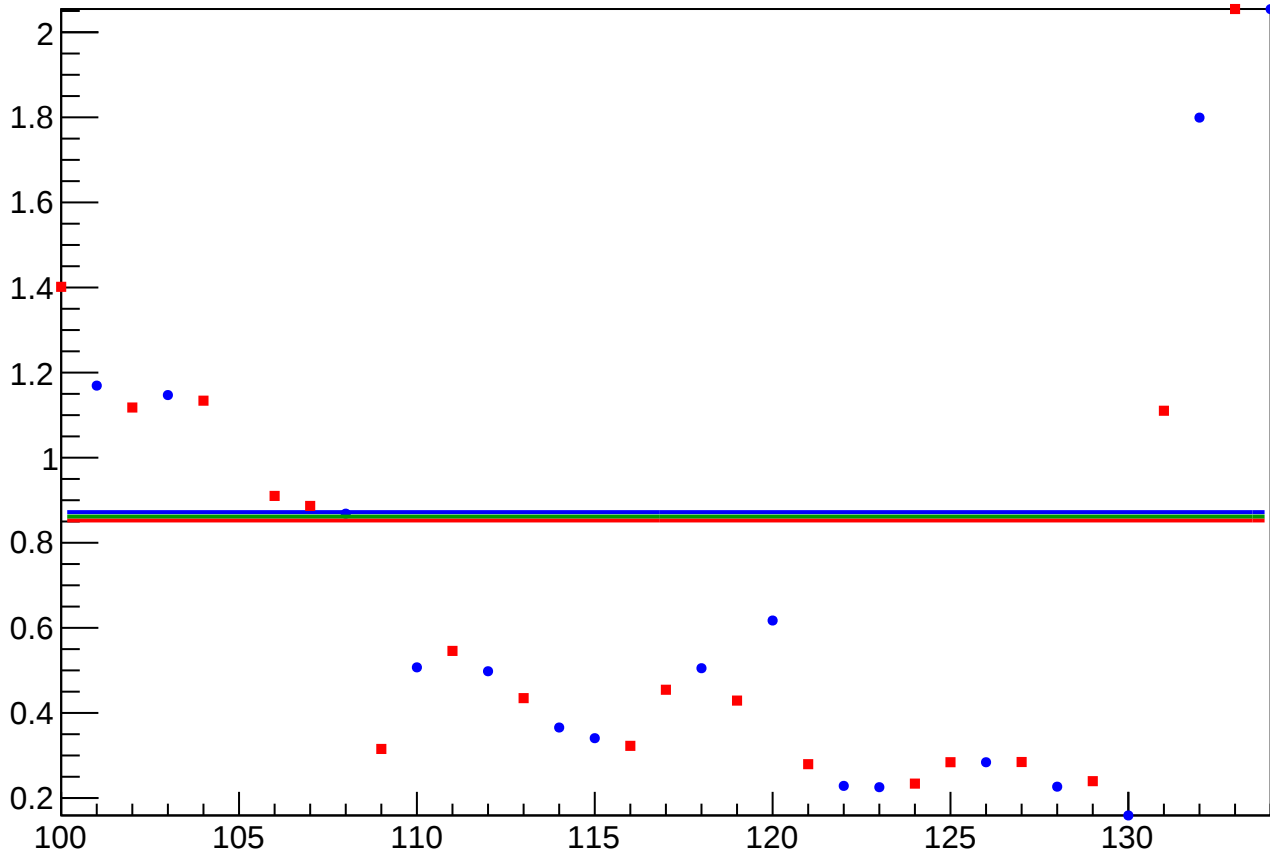
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 169139.4/15

0.003+/-0.000 χ^2/NDF : 392655.6/33

0.003+/-0.000 χ^2/NDF : 221558.3/17

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.872+/-0.000 χ^2/NDF : 29123751092.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.872+/-0.000 χ^2/NDF : 29123751092.0/15

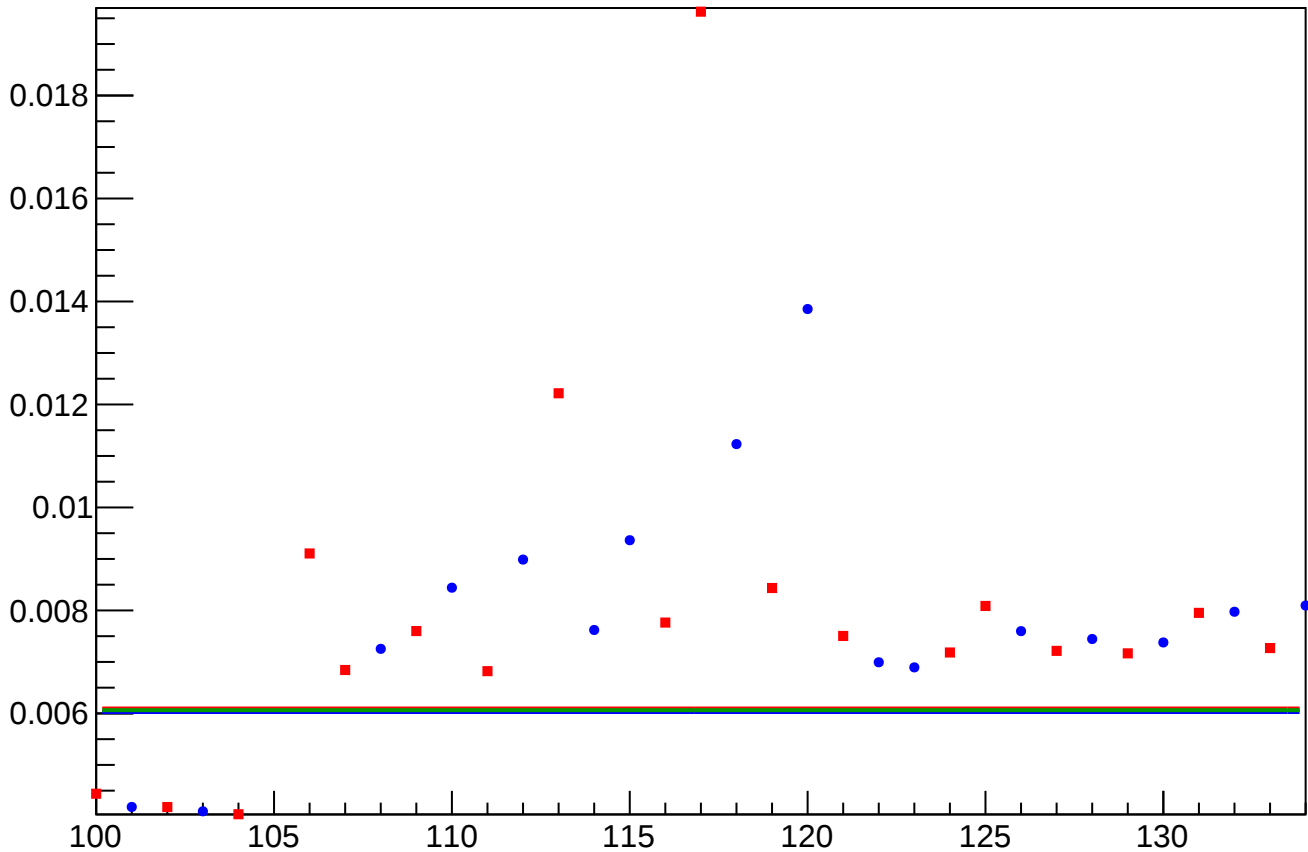
0.862+/-0.000 χ^2/NDF : 61310512554.3/3

Right Out: 0.852+/-0.000 χ^2/NDF : 32161170991.8/17

0.852+/-0.000 χ^2/NDF : 32161170991.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1160314.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1021876.7/17

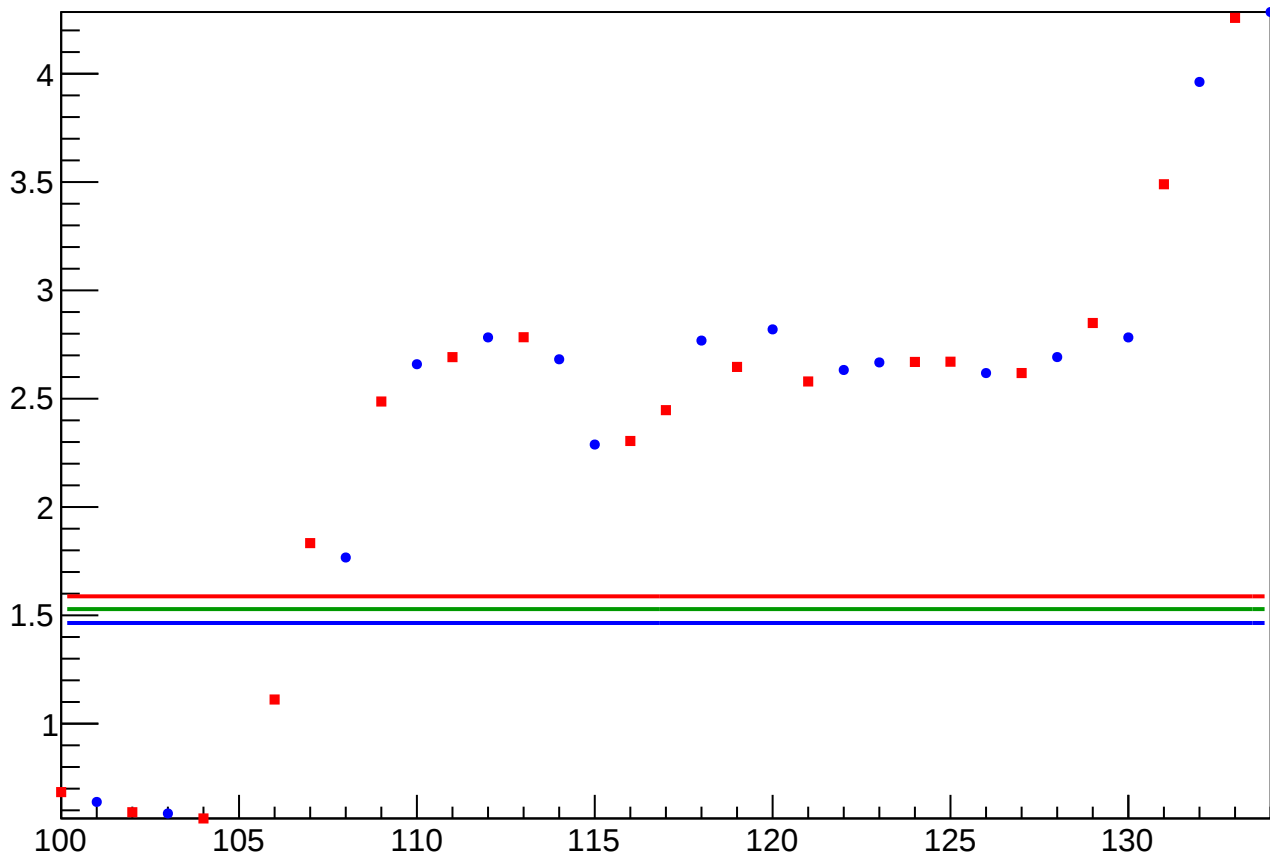
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.006+/-0.000 χ^2/NDF : 1160314.9/15

0.006+/-0.000 χ^2/NDF : 2182798.4/33

0.006+/-0.000 χ^2/NDF : 1021876.7/17

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.465+/-0.000 χ^2/NDF : 167090926732.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.465+/-0.000 χ^2/NDF : 167090926732.0/15

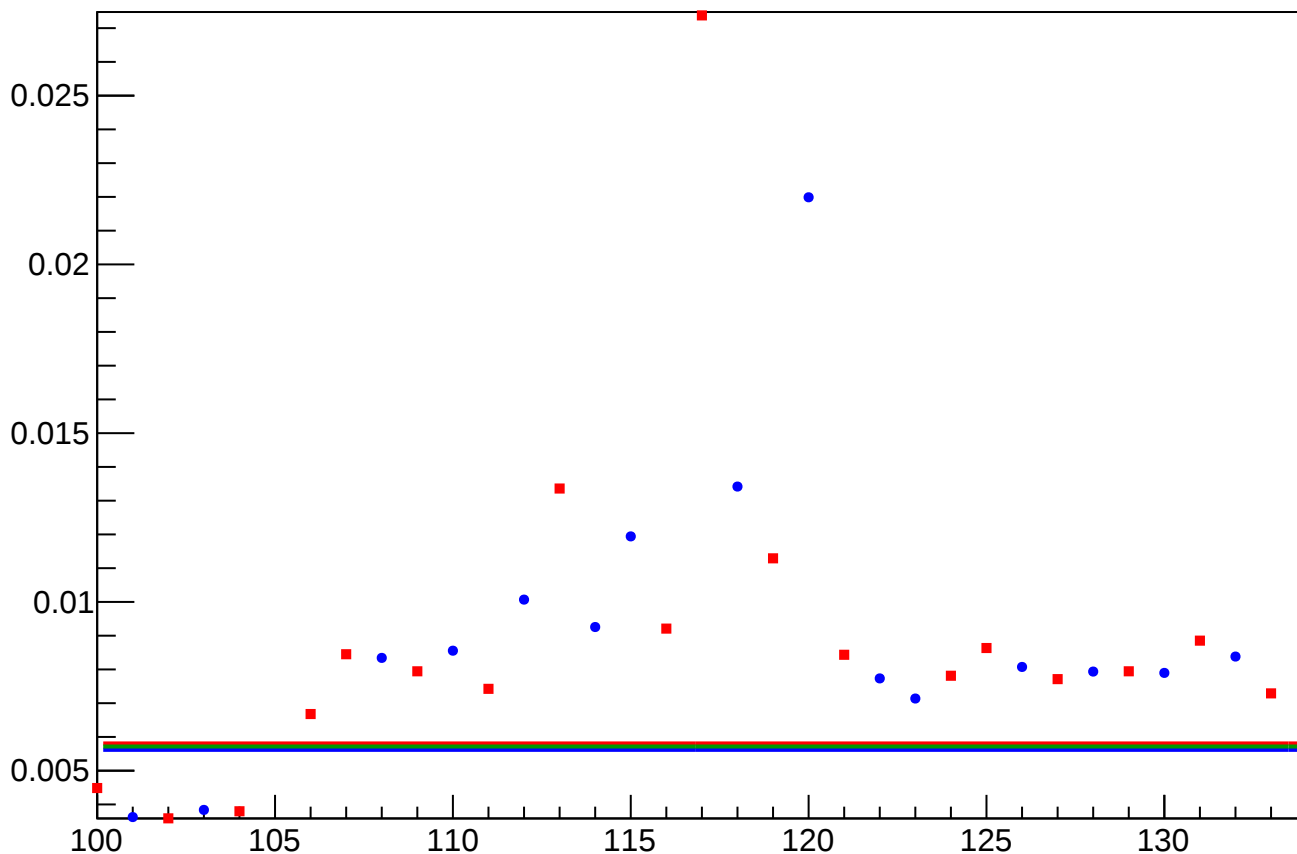
1.529+/-0.000 χ^2/NDF : 368111704984.0/15

Right Out: 1.588+/-0.000 χ^2/NDF : 199986952609.9/17

1.588+/-0.000 χ^2/NDF : 199986952609.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1808781.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1655732.2/17

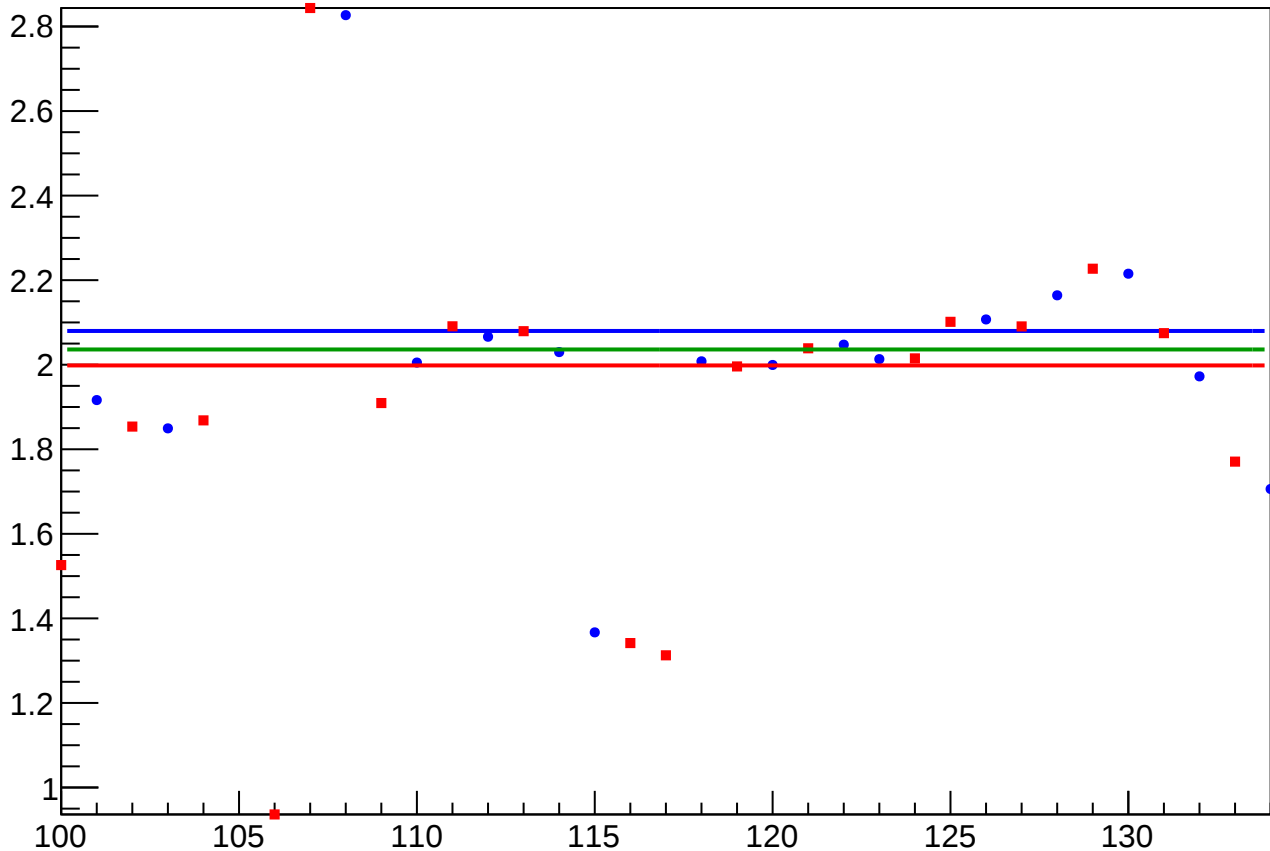
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1808781.2/15

0.006+/-0.000 χ^2/NDF : 3469474.9/33

0.006+/-0.000 χ^2/NDF : 1655732.2/17

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.080+/-0.000 χ^2/NDF : 8304649141.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.998+/-0.000 χ^2/NDF : 16669626004.8/17

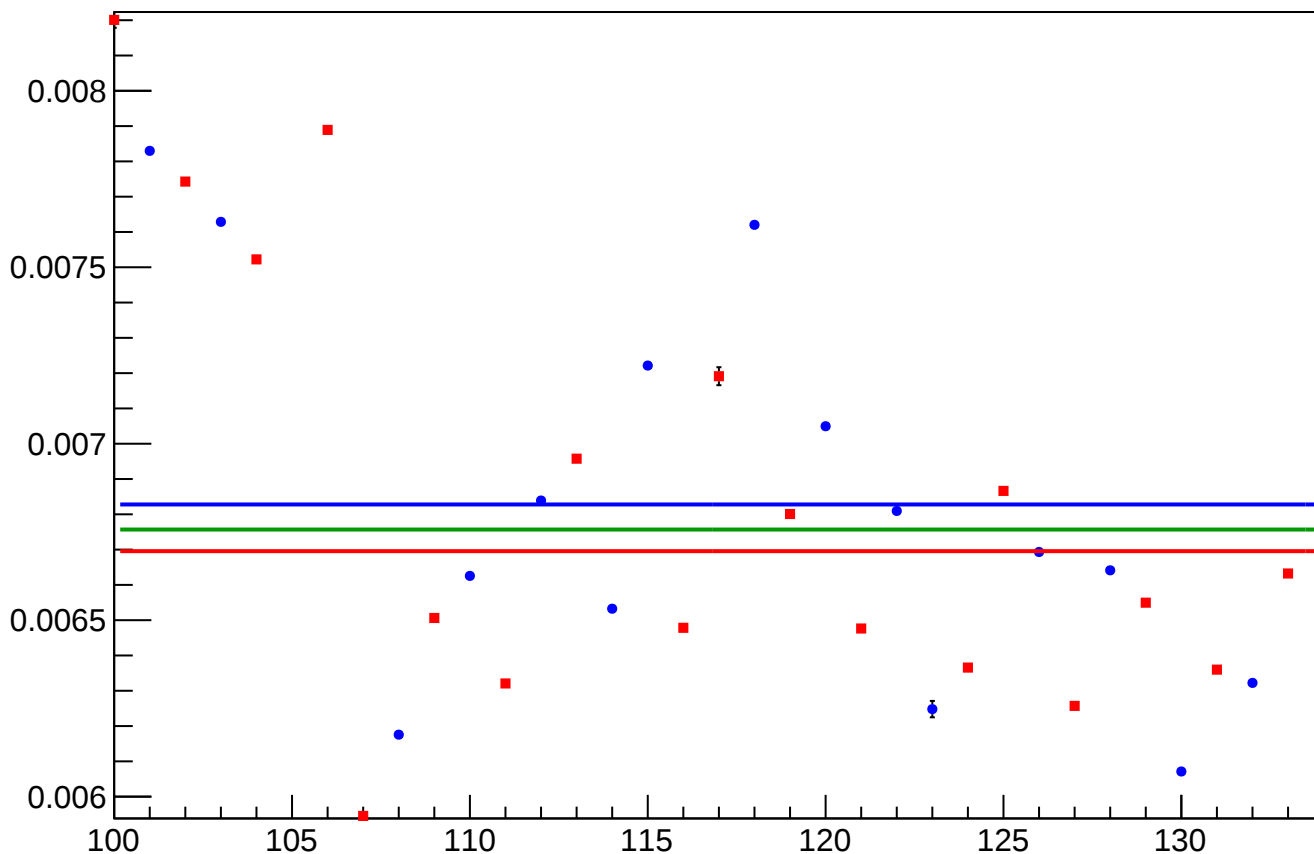
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.080+/-0.000 χ^2/NDF : 8304649141.3/15

2.036+/-0.000 χ^2/NDF : 25400272468.4/3

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 : 75641.1/15

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

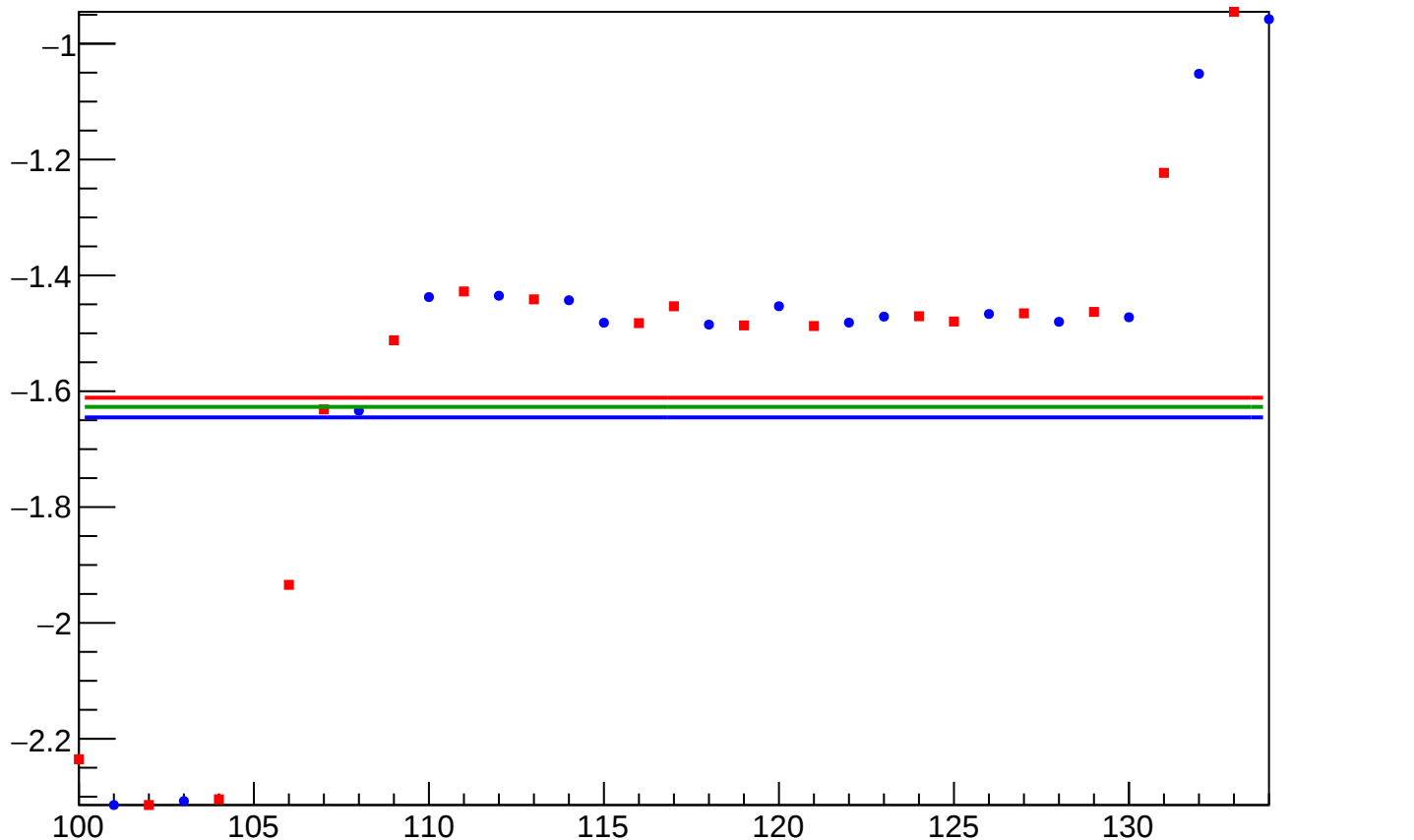
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.007 $\pm$ 0.000 χ^2/NDF : 75641.1/15

0.007 $\pm$ 0.000 χ^2/NDF : 151205.4/33

0.007 $\pm$ 0.000 χ^2/NDF : 73320.6/17

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.645+/-0.000 χ^2/NDF : 129739003968.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.611+/-0.000 χ^2/NDF : 136547682864.3/17

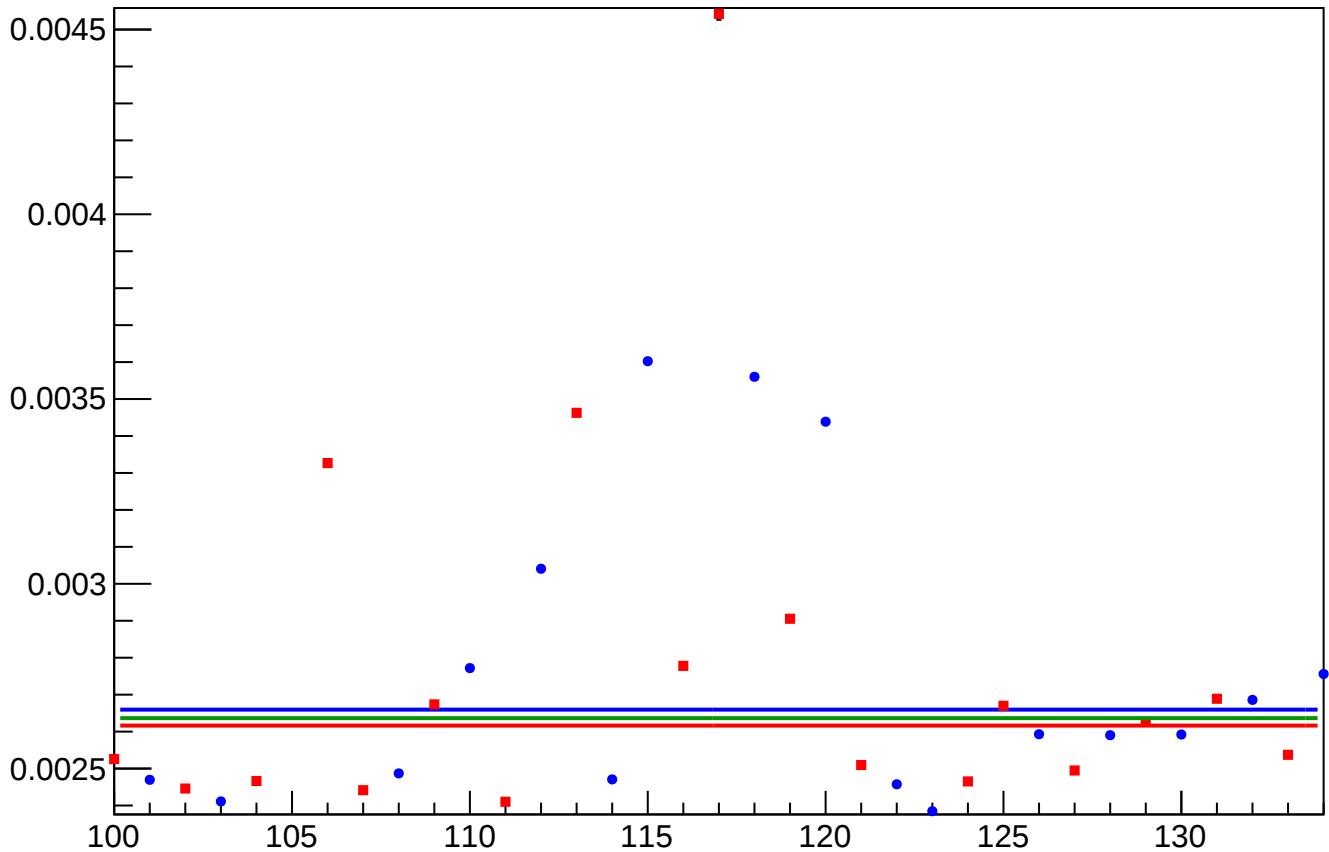
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.645+/-0.000 χ^2/NDF : 129739003968.2/15

-1.627+/-0.000 χ^2/NDF : 266763069231.0

-1.611+/-0.000 χ^2/NDF : 136547682864.3/17

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 148632.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 118305.0/17

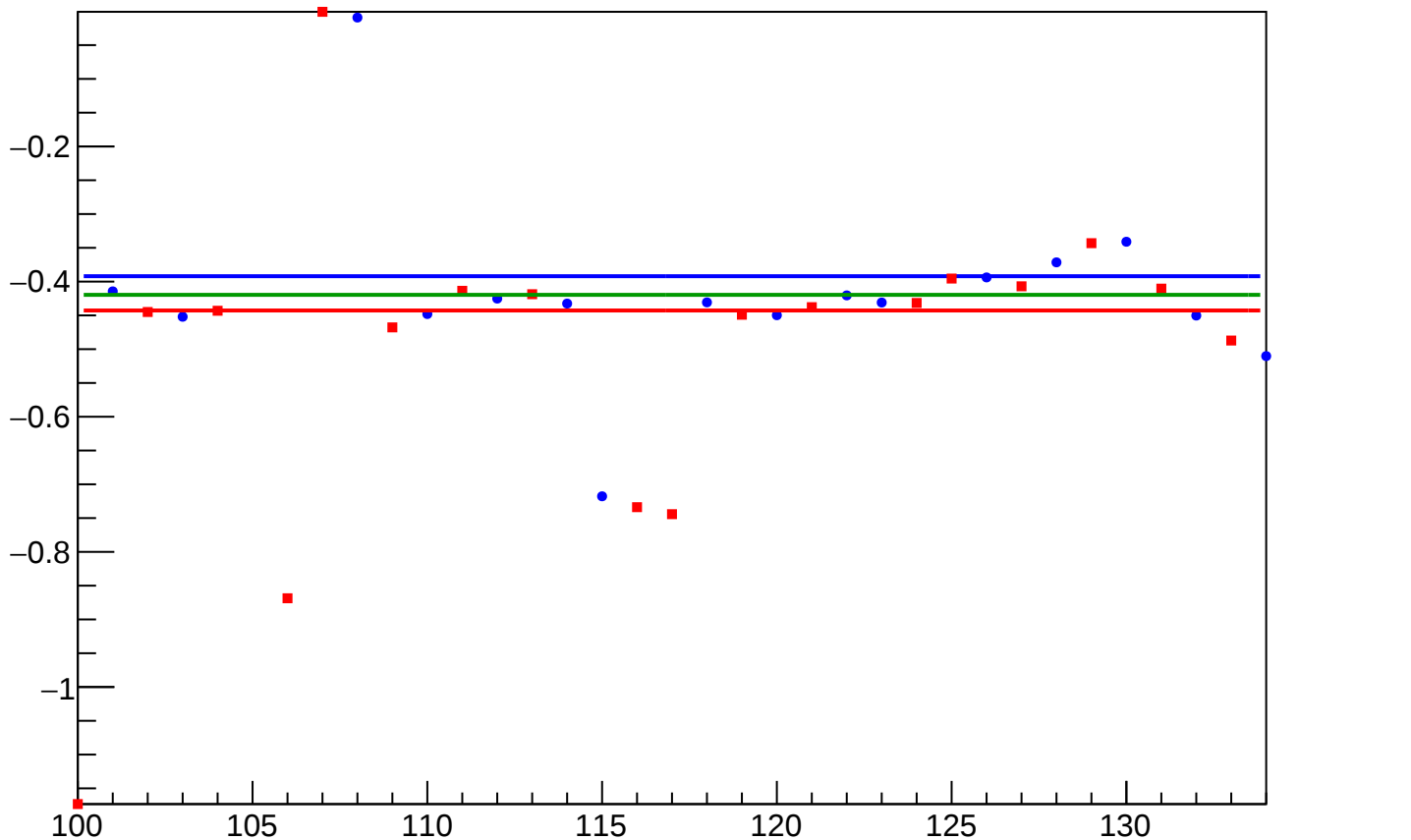
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 148632.0/15

0.003+/-0.000 χ^2/NDF : 268481.3/33

0.003+/-0.000 χ^2/NDF : 118305.0/17

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.392+/-0.000 χ^2/NDF : 700389277.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.443+/-0.000 χ^2/NDF : 1696634028.0/17

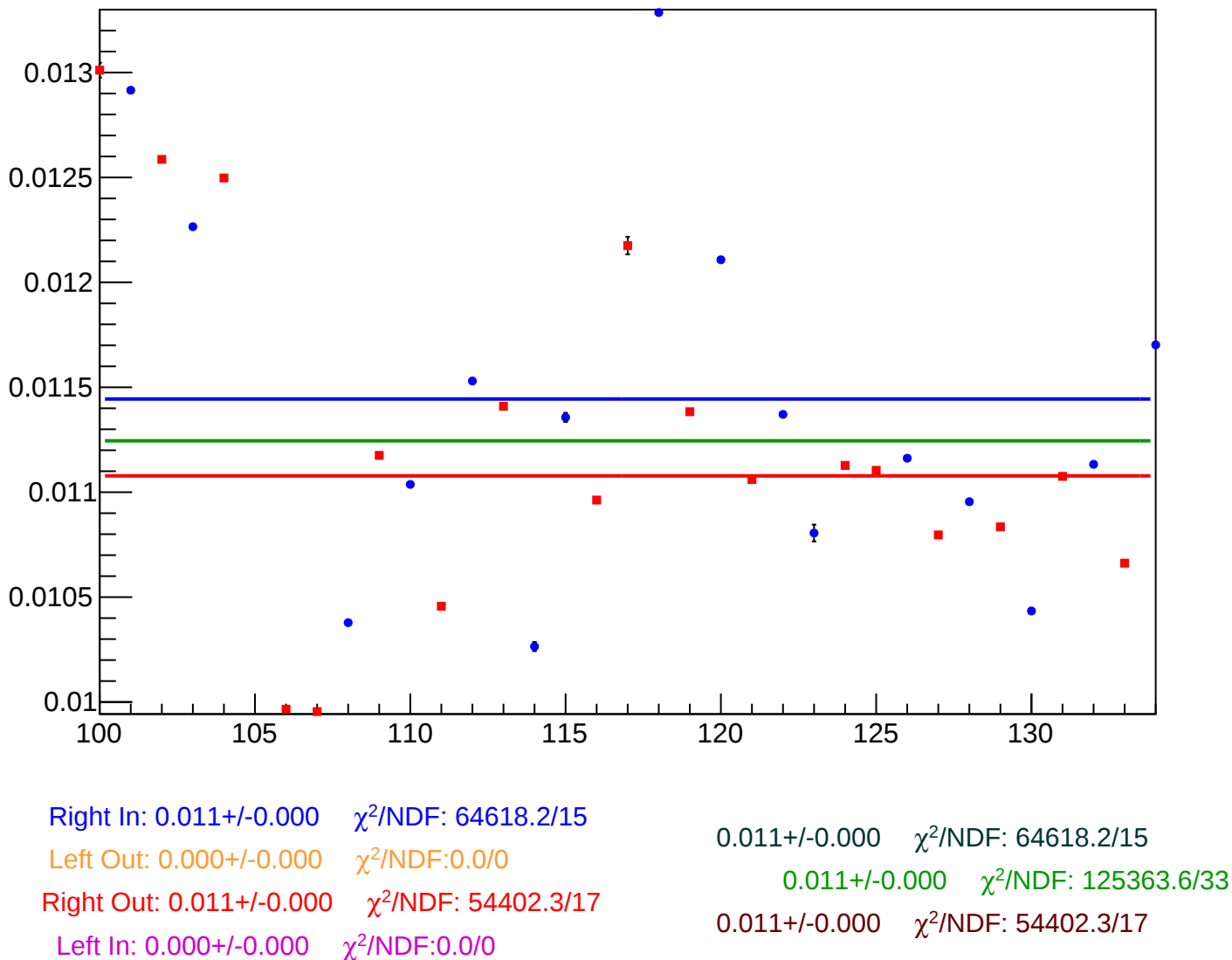
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.392+/-0.000 χ^2/NDF : 700389277.2/15

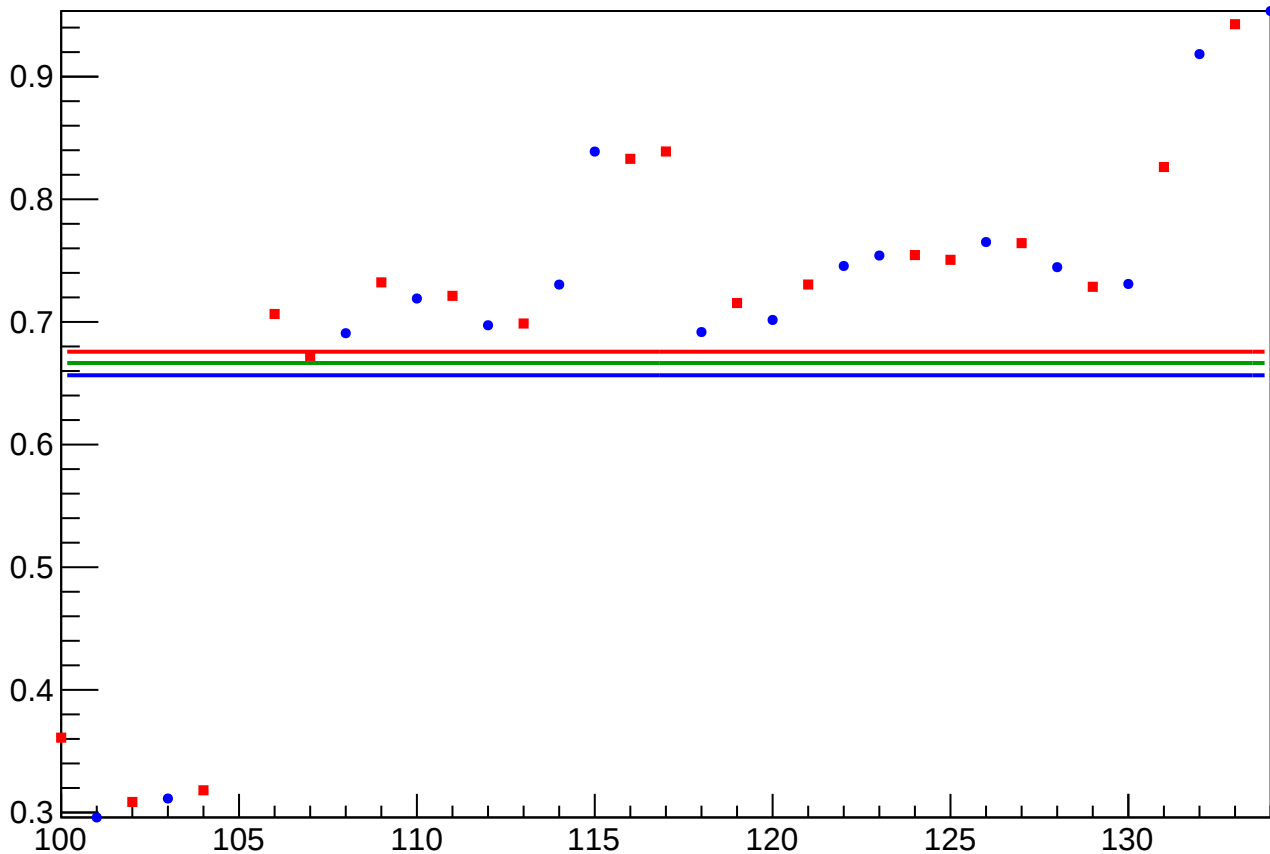
-0.420+/-0.000 χ^2/NDF : 2457810047.3/33

-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: 0.657+/-0.000 χ^2/NDF : 35625532376.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.657+/-0.000 χ^2/NDF : 35625532376.0/15

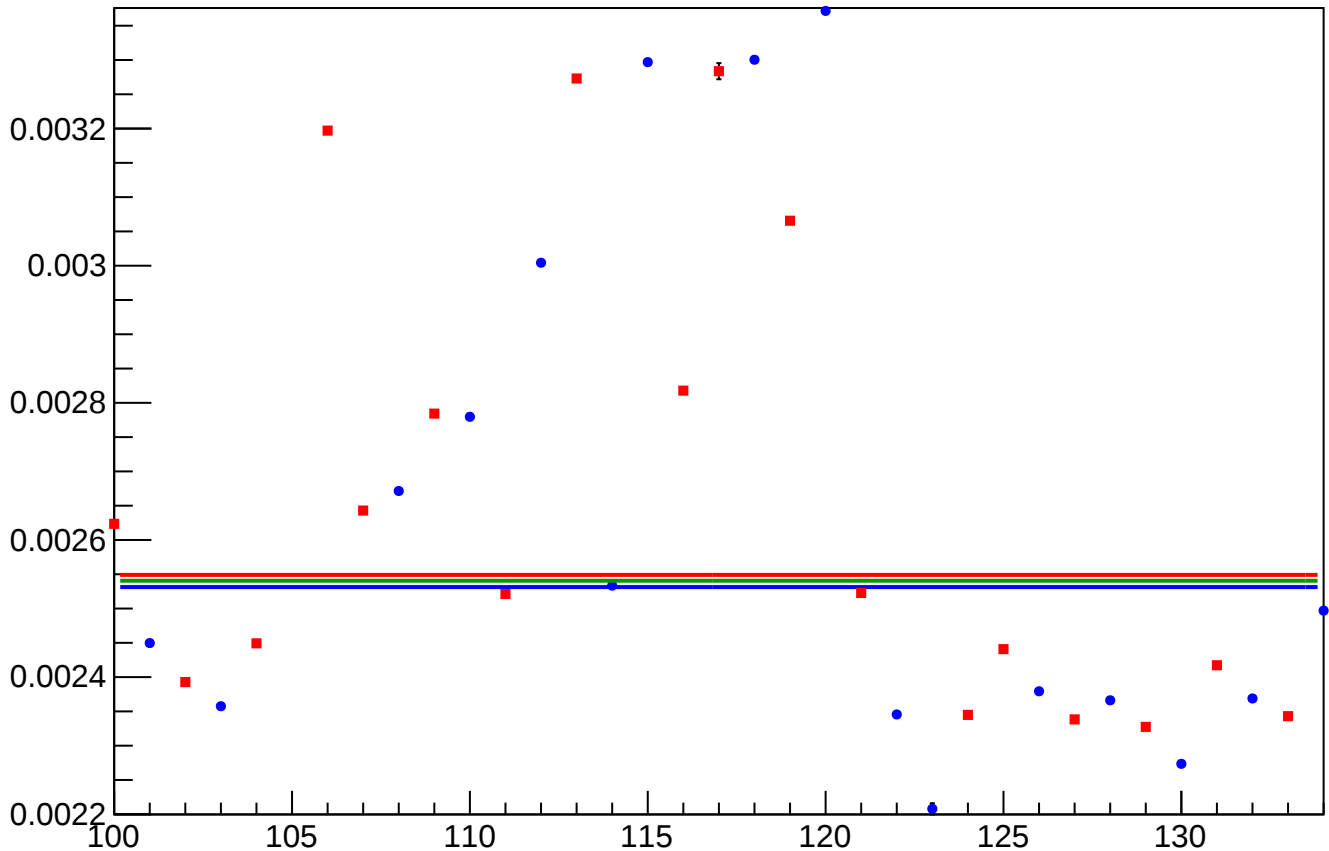
0.667+/-0.000 χ^2/NDF : 69450313484.0/3

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 : 167328.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 131477.3/17

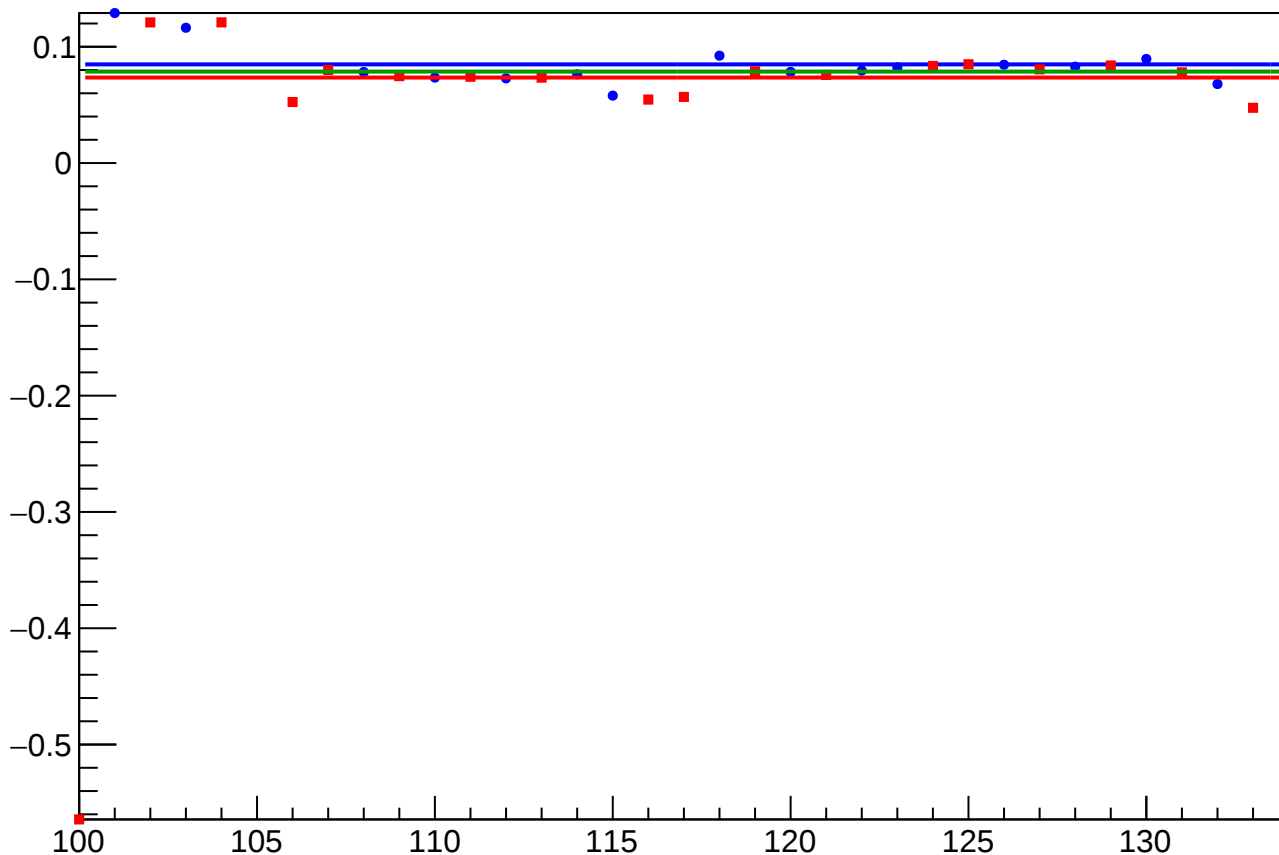
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 167328.1/15

0.003+/-0.000 χ^2/NDF : 299091.3/33

0.003+/-0.000 χ^2/NDF : 131477.3/17

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.085+/-0.000 χ^2/NDF : 17988006.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.074+/-0.000 χ^2/NDF : 225777742.2/17

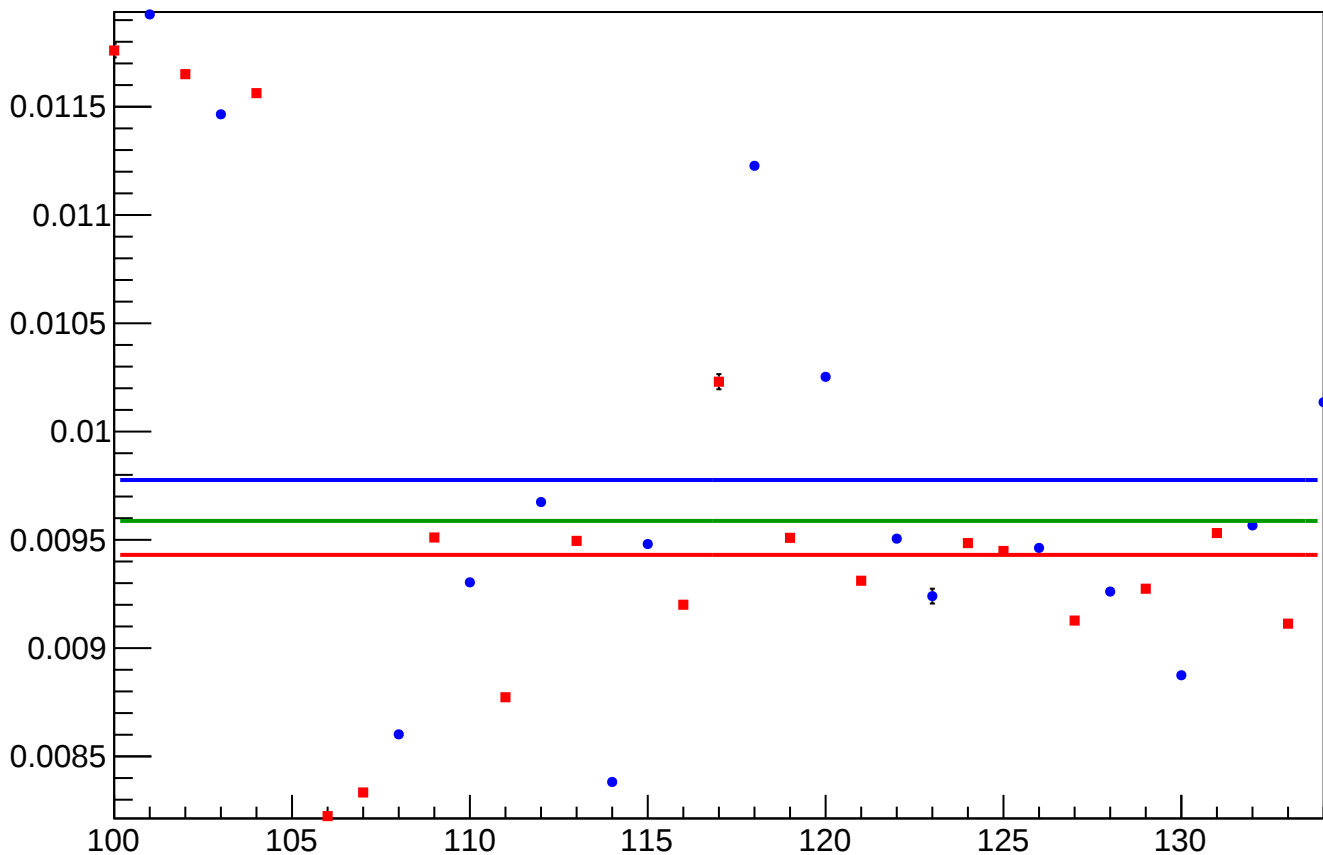
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.085+/-0.000 χ^2/NDF : 17988006.6/15

0.079+/-0.000 χ^2/NDF : 247897384.7/33

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: 116537.0/15

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

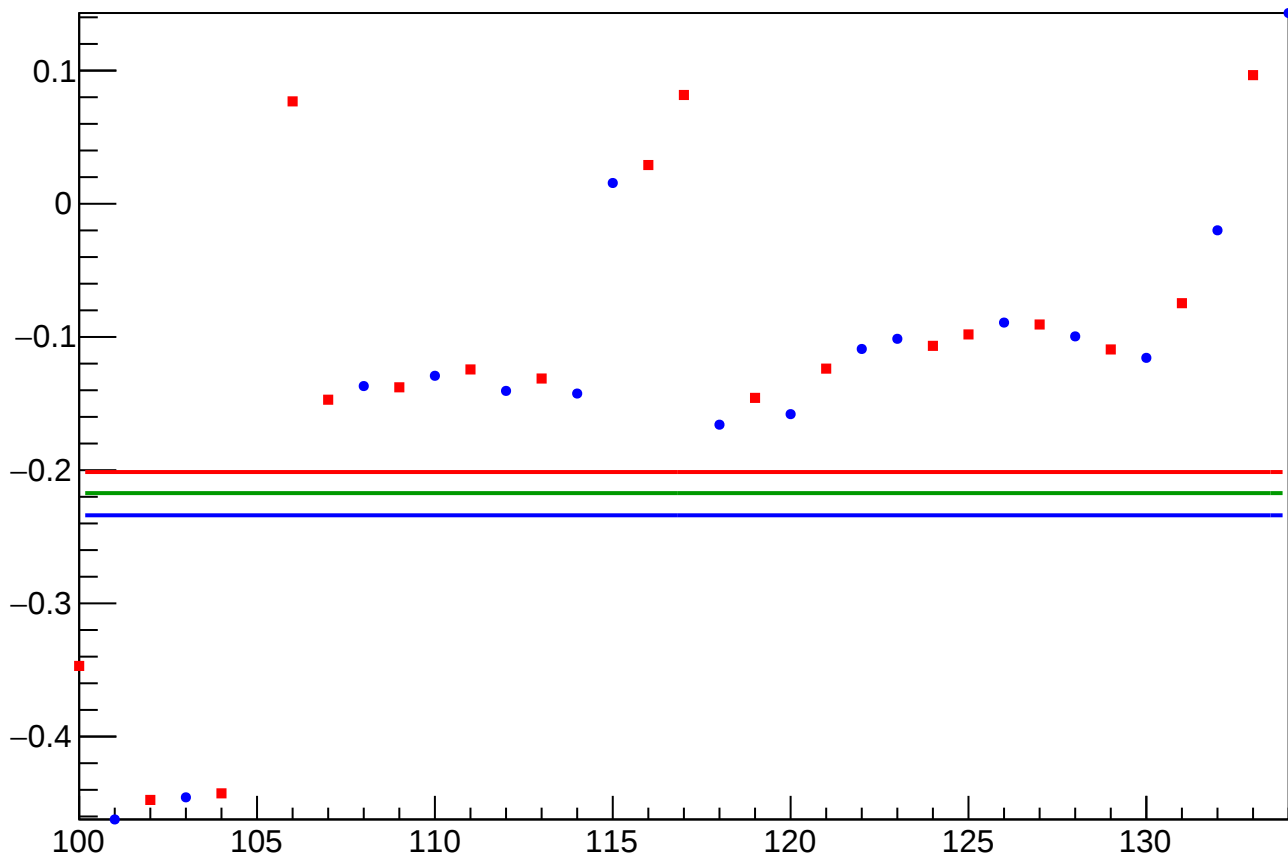
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 116537.0/15

0.010 $\pm$ 0.000 χ^2 /NDF: 233699.5/33

0.009 $\pm$ 0.000 χ^2 /NDF: 109445.4/17

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.234+/-0.000 χ^2 /NDF: 7224930029.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.201+/-0.000 χ^2 /NDF: 7725542767.9/17

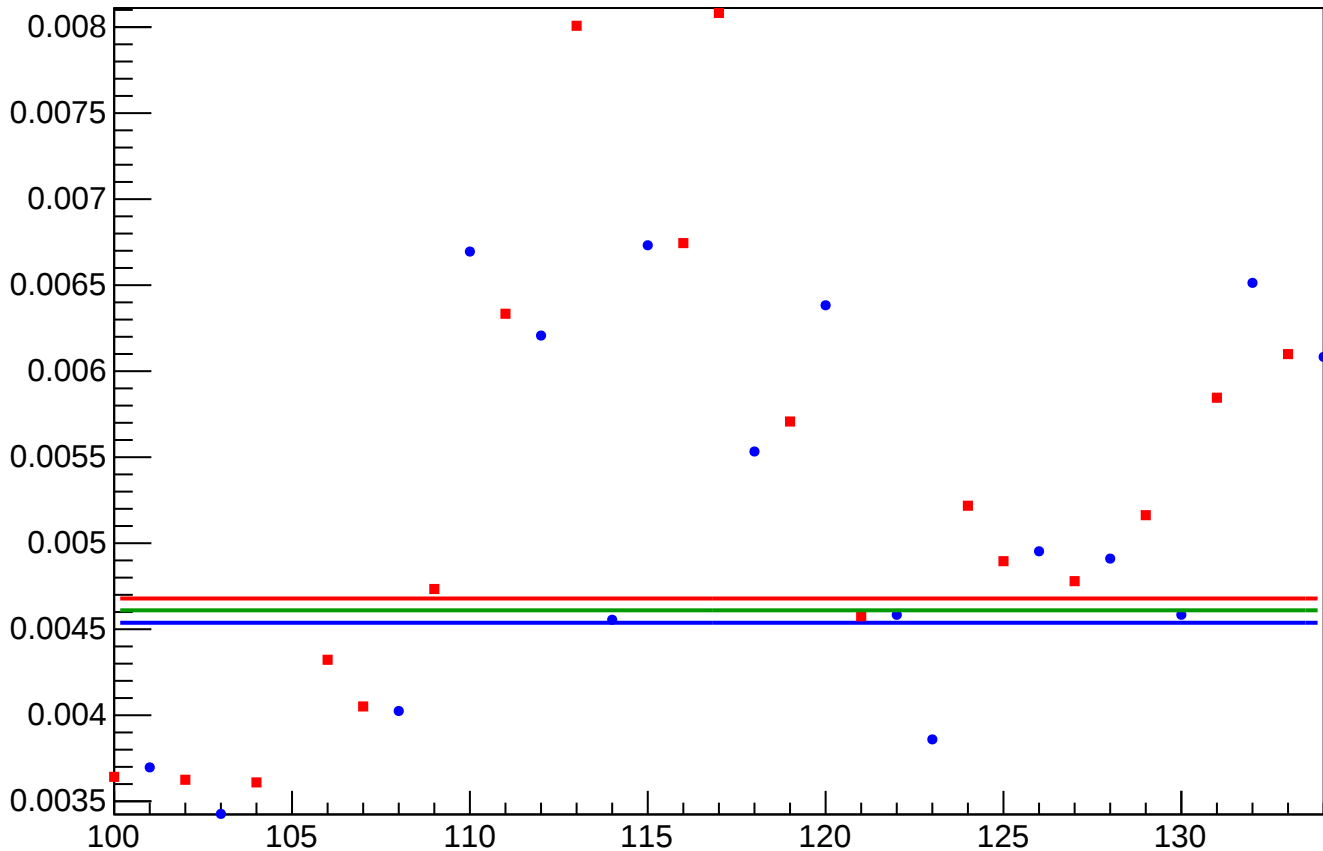
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.234+/-0.000 χ^2 /NDF: 7224930029.0/15

-0.217+/-0.000 χ^2 /NDF: 15083782243.2/3

-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 : 503747.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 564192.9/17

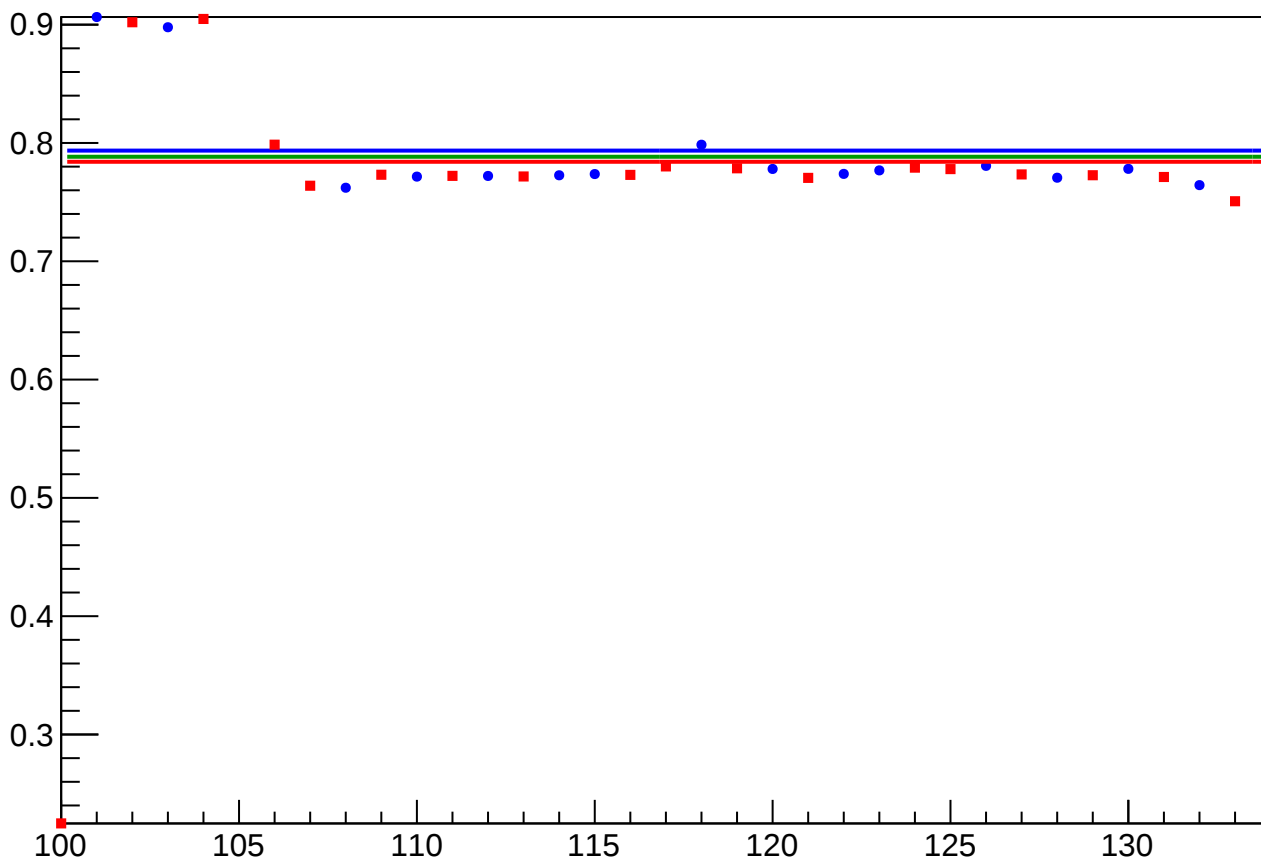
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 503747.3/15

0.005+/-0.000 χ^2/NDF : 1072967.1/33

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 : 103704053.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.784+/-0.000 χ^2/NDF : 245176450.1/17

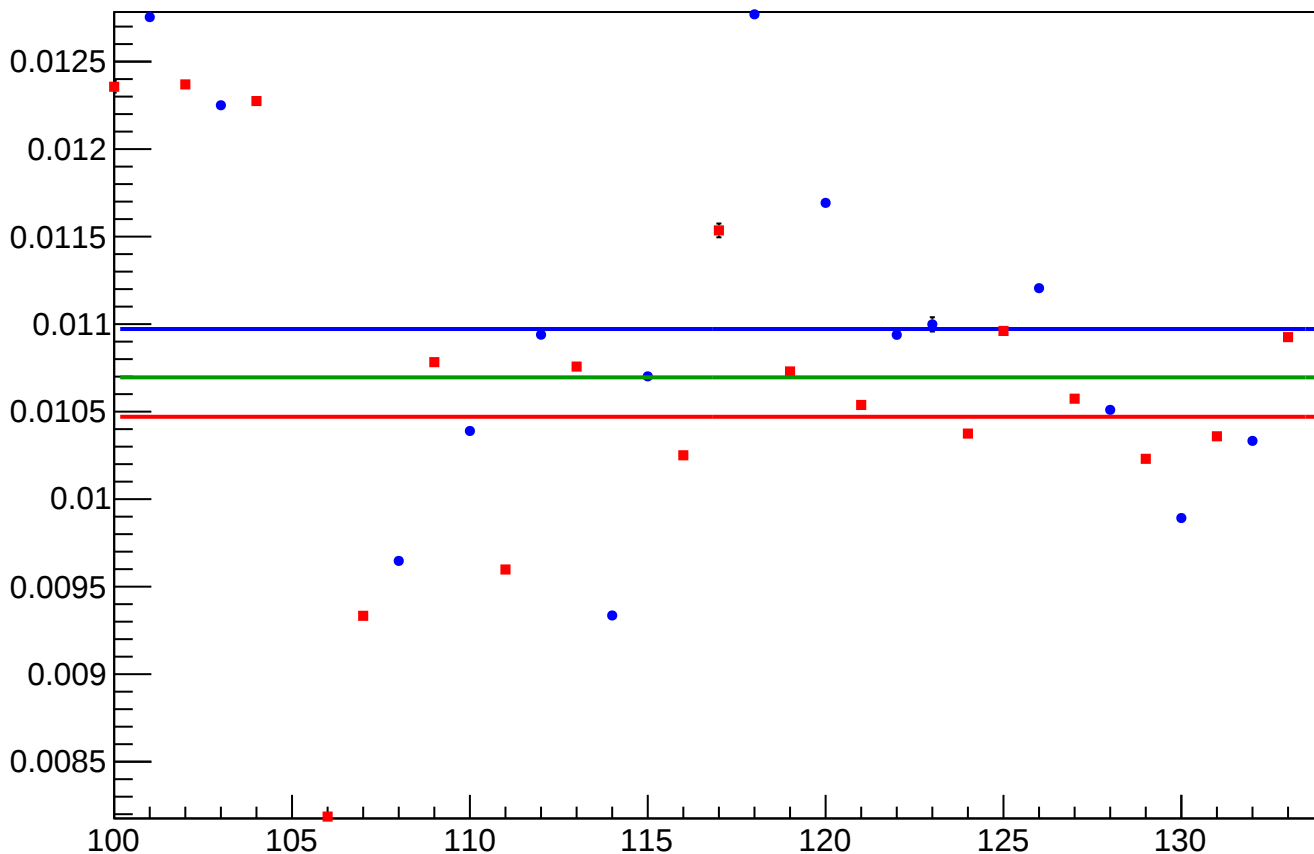
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.794+/-0.000 χ^2/NDF : 103704053.6/15

0.788+/-0.000 χ^2/NDF : 351190393.5/33

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 : 98127.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 118285.9/17

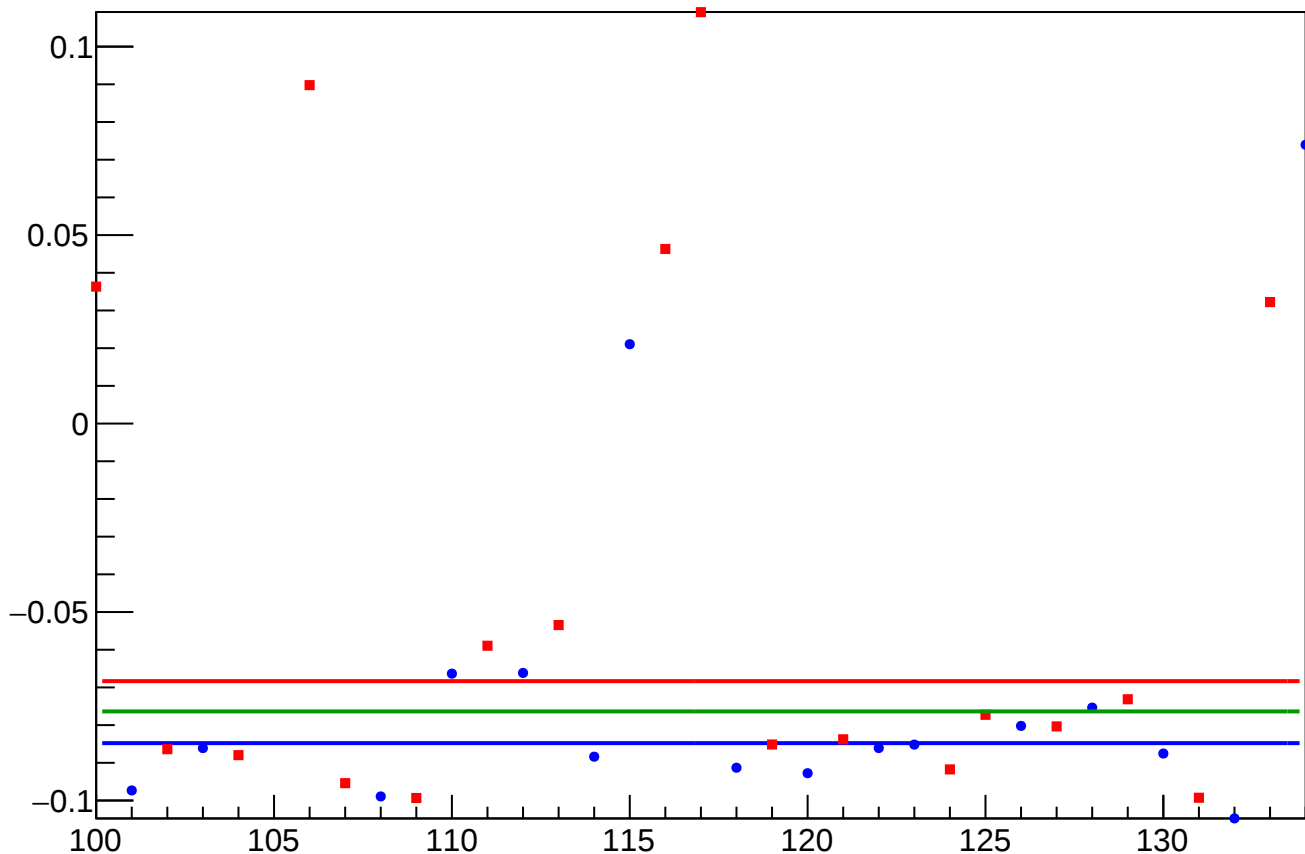
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 98127.8/15

0.011+/-0.000 χ^2/NDF : 229443.3/33

0.010+/-0.000 χ^2/NDF : 118285.9/17

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.000 χ^2 /NDF: 125215161.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.068+/-0.000 χ^2 /NDF: 532640251.5/17

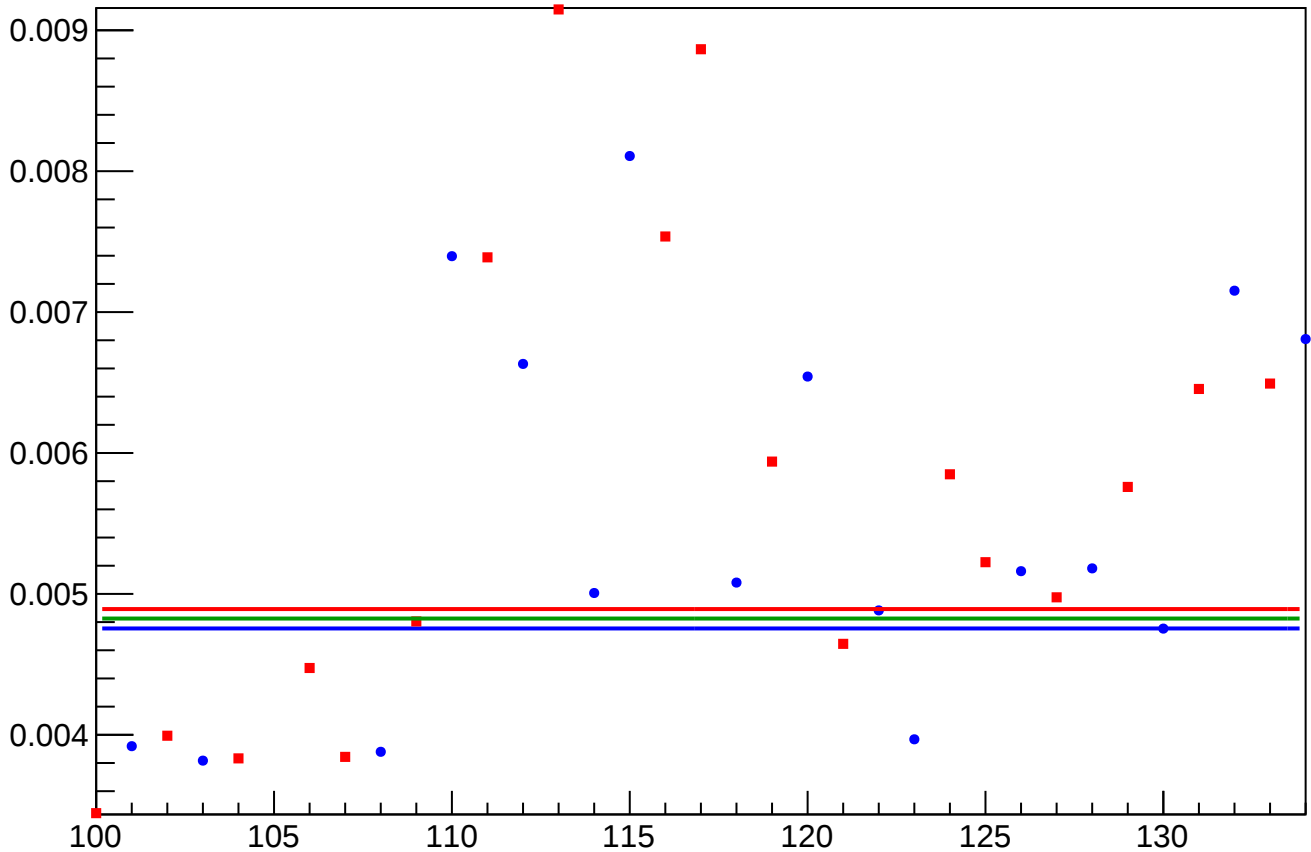
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.085+/-0.000 χ^2 /NDF: 125215161.1/15

-0.076+/-0.000 χ^2 /NDF: 687786767.3/33

-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 : 483661.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 668972.0/17

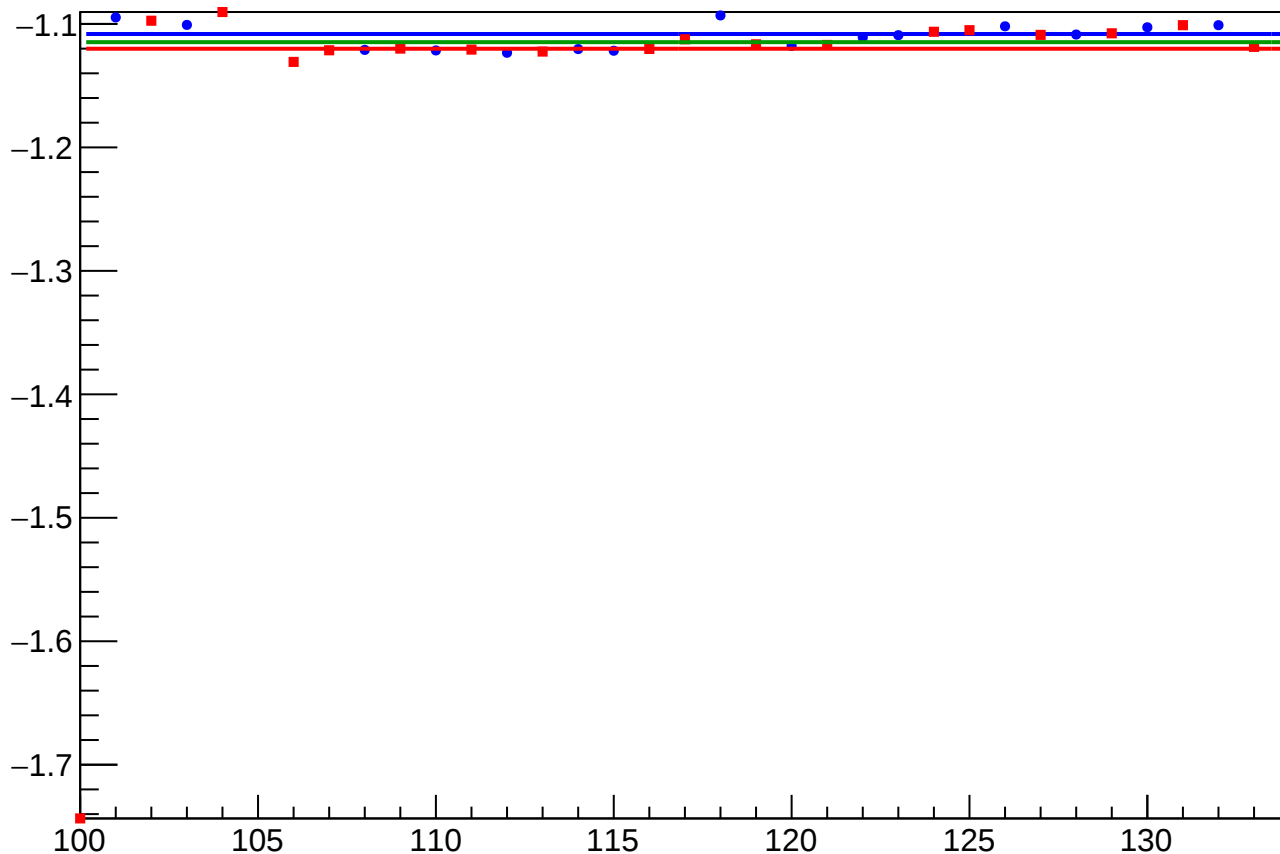
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 483661.7/15

0.005+/-0.000 χ^2/NDF : 1156828.8/33

0.005+/-0.000 χ^2/NDF : 668972.0/17

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.108+/-0.000 χ^2/NDF : 4035639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.120+/-0.000 χ^2/NDF : 208197173.3/17

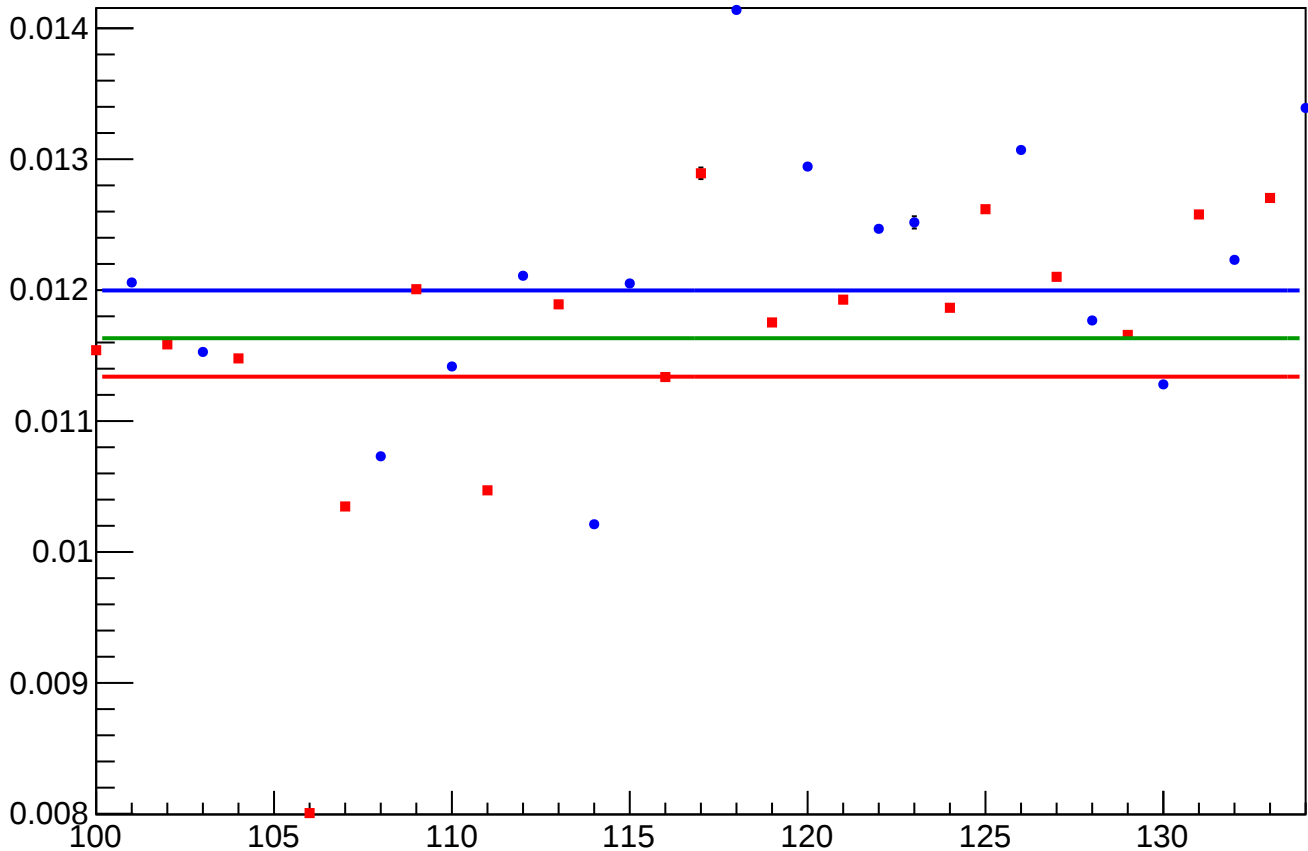
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.108+/-0.000 χ^2/NDF : 4035639.9/15

-1.115+/-0.000 χ^2/NDF : 215326262.1/33

-1.120+/-0.000 χ^2/NDF : 208197173.3/17

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 60335.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2/NDF : 152083.4/17

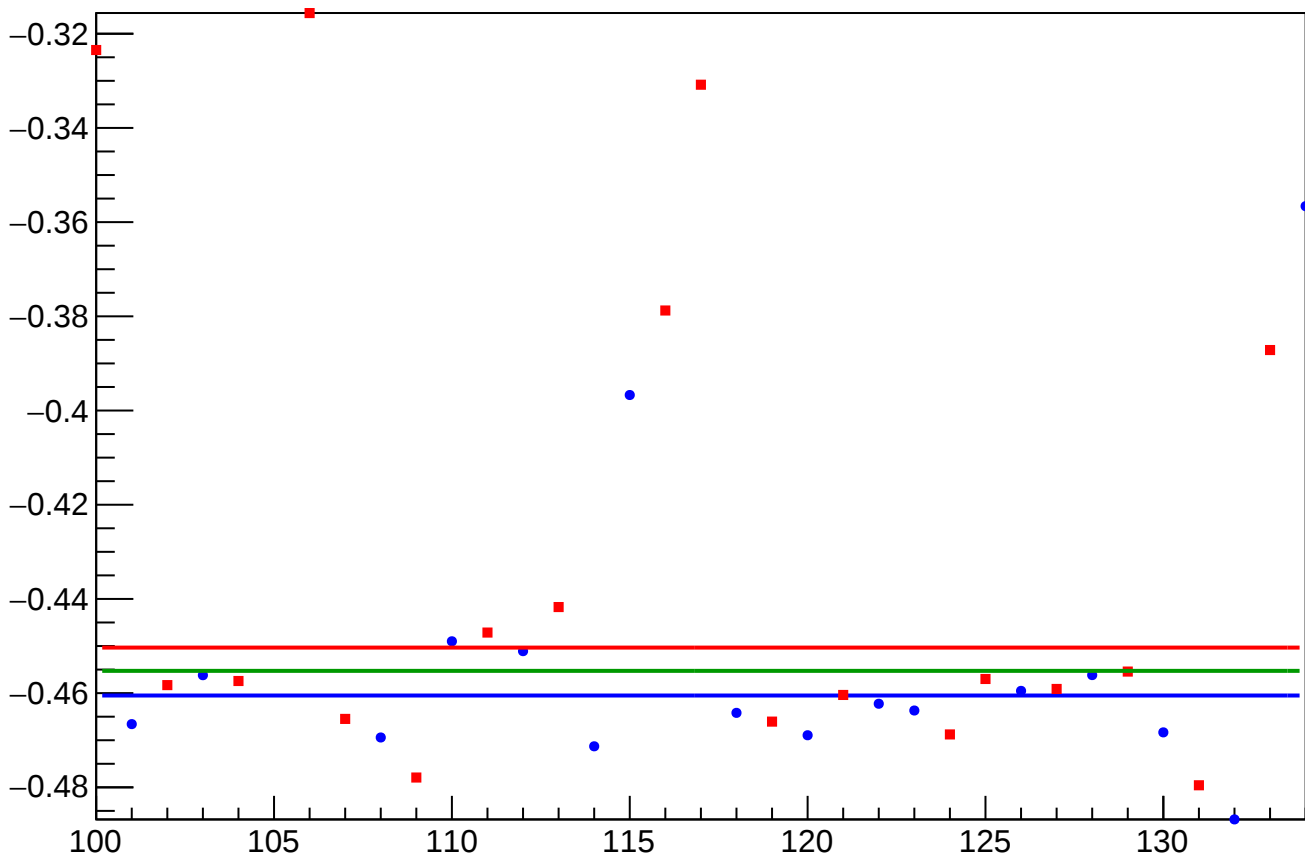
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.012 $\pm$ 0.000 χ^2/NDF : 60335.8/15

0.012 $\pm$ 0.000 χ^2/NDF : 231286.2/33

0.011 $\pm$ 0.000 χ^2/NDF : 152083.4/17

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.461+/-0.000 χ^2/NDF : 95251809.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.450+/-0.000 χ^2/NDF : 426250149.7/17

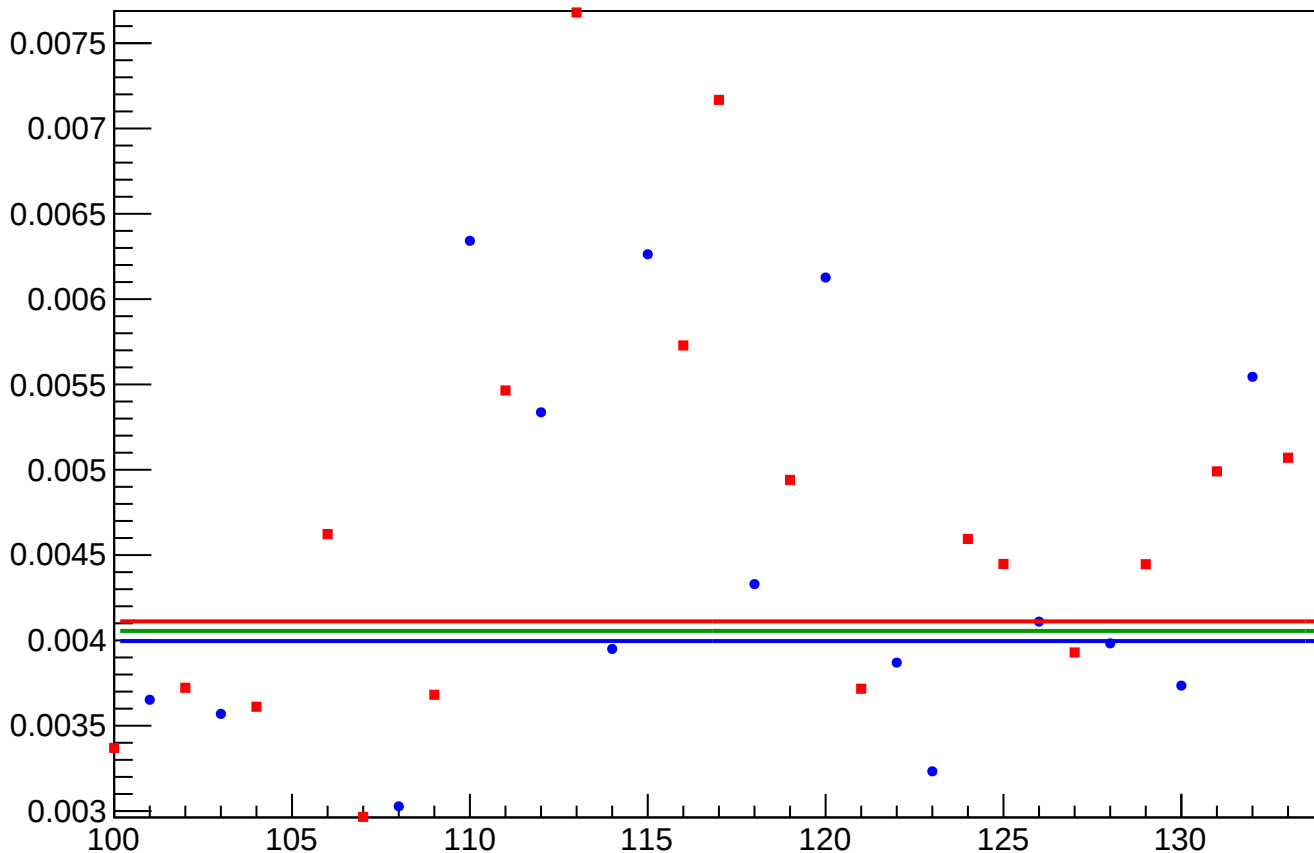
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.461+/-0.000 χ^2/NDF : 95251809.3/15

-0.455+/-0.000 χ^2/NDF : 537803685.2/33

-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 : 402386.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 515707.3/17

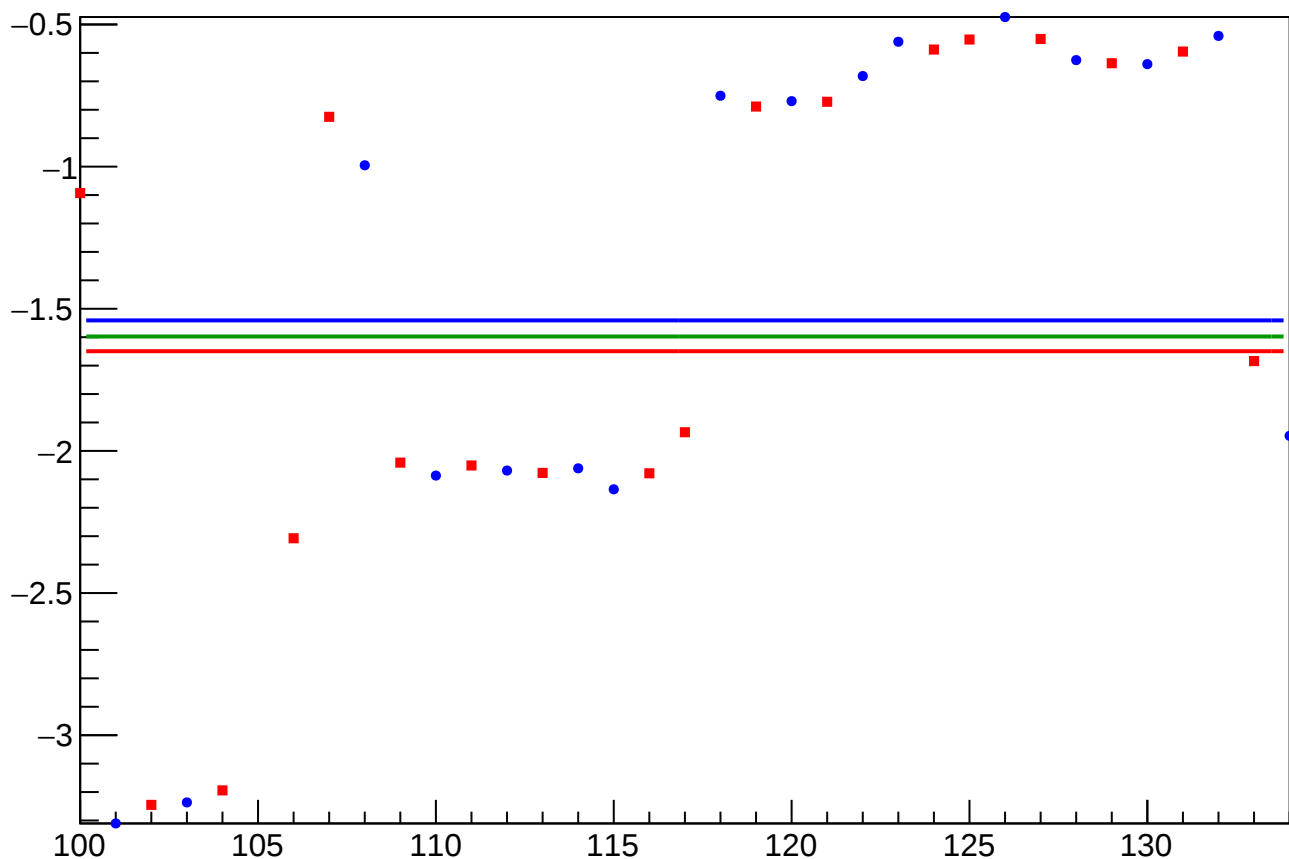
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.004+/-0.000 χ^2/NDF : 402386.4/15

0.004+/-0.000 χ^2/NDF : 922303.8/33

0.004+/-0.000 χ^2/NDF : 515707.3/17

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.541+/-0.000 χ^2/NDF : 1201121012.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.649+/-0.000 χ^2/NDF : 1056890020.8/17

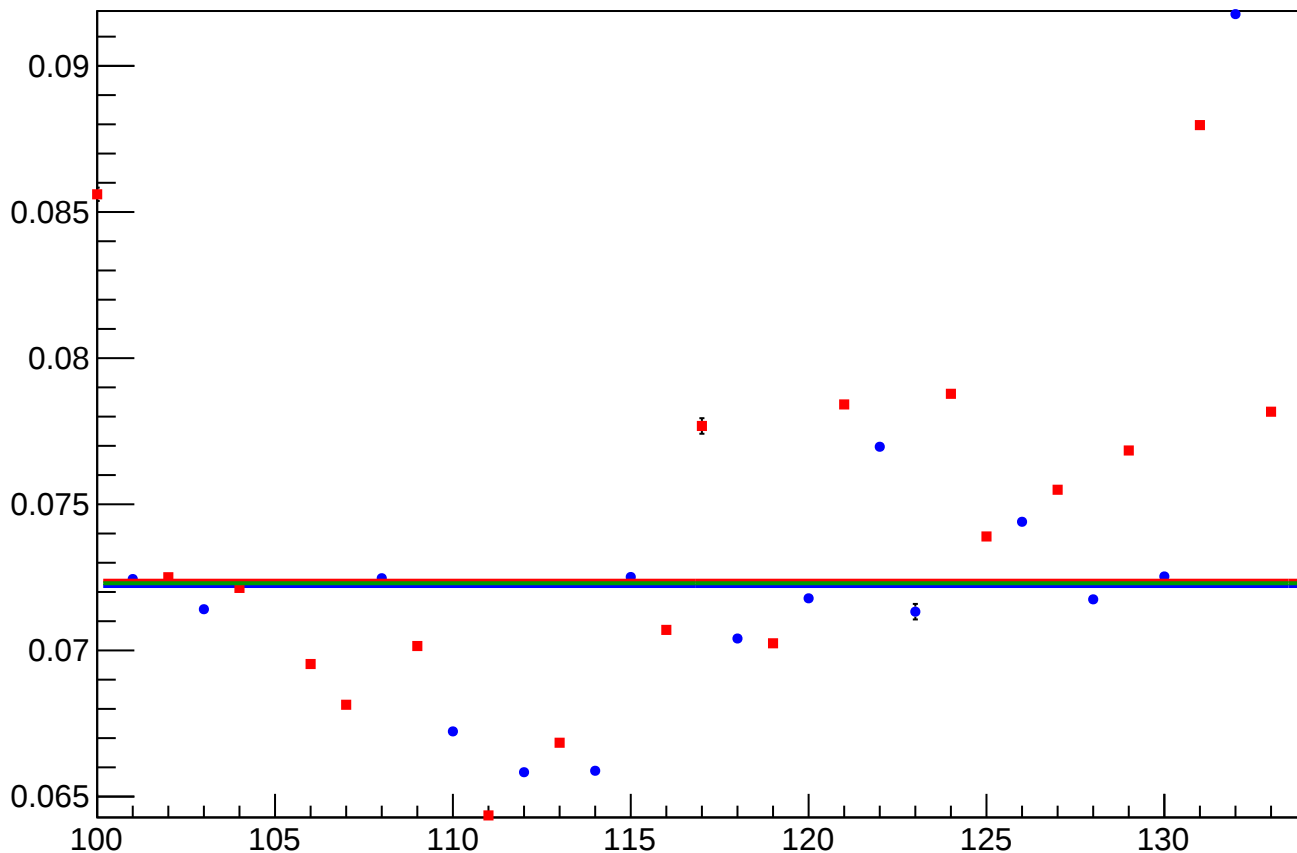
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.541+/-0.000 χ^2/NDF : 1201121012.0/15

-1.598+/-0.000 χ^2/NDF : 2264816295.4/3

-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 : 55556.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 67043.9/17

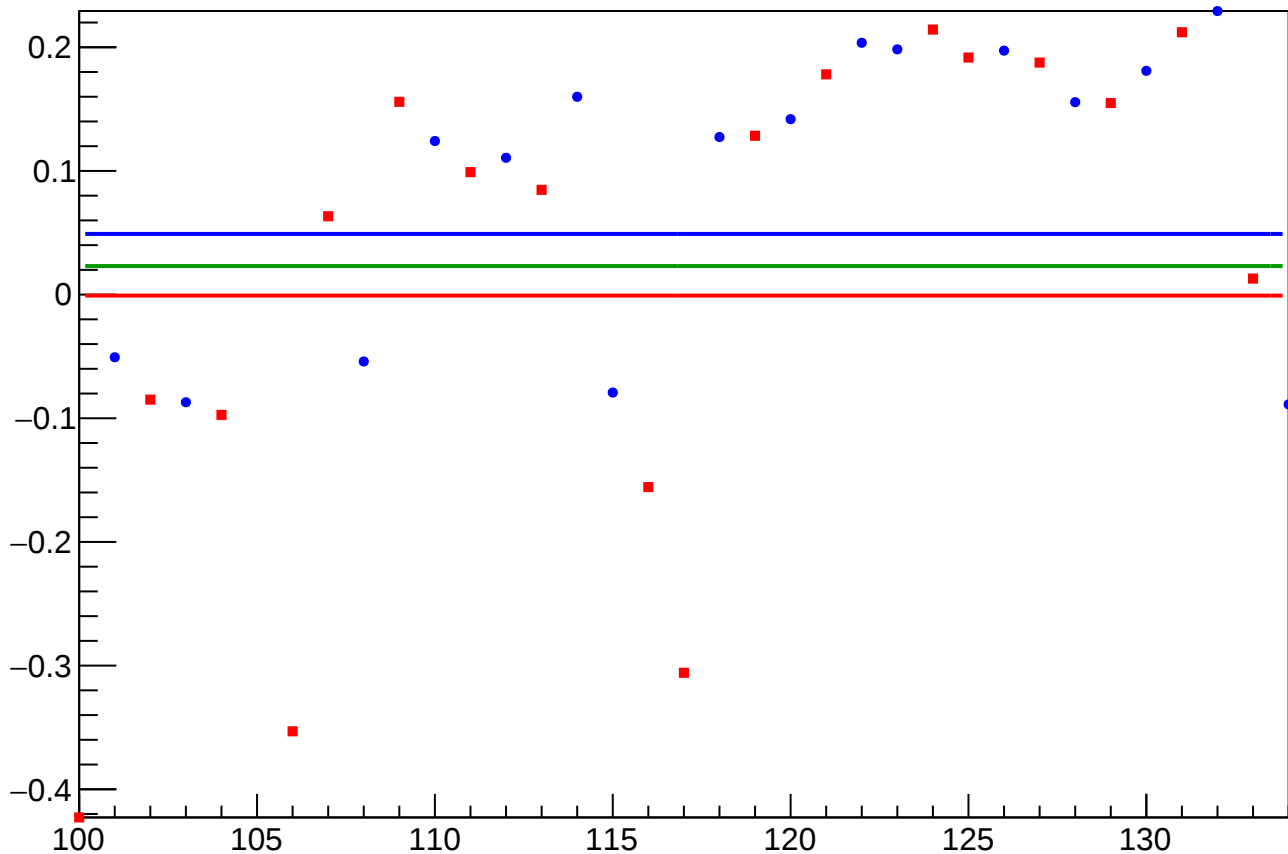
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 55556.5/15

0.072+/-0.000 χ^2/NDF : 122638.5/33

0.072+/-0.000 χ^2/NDF : 67043.9/17

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.000 χ^2/NDF : 478713395.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 1194623154.4/17

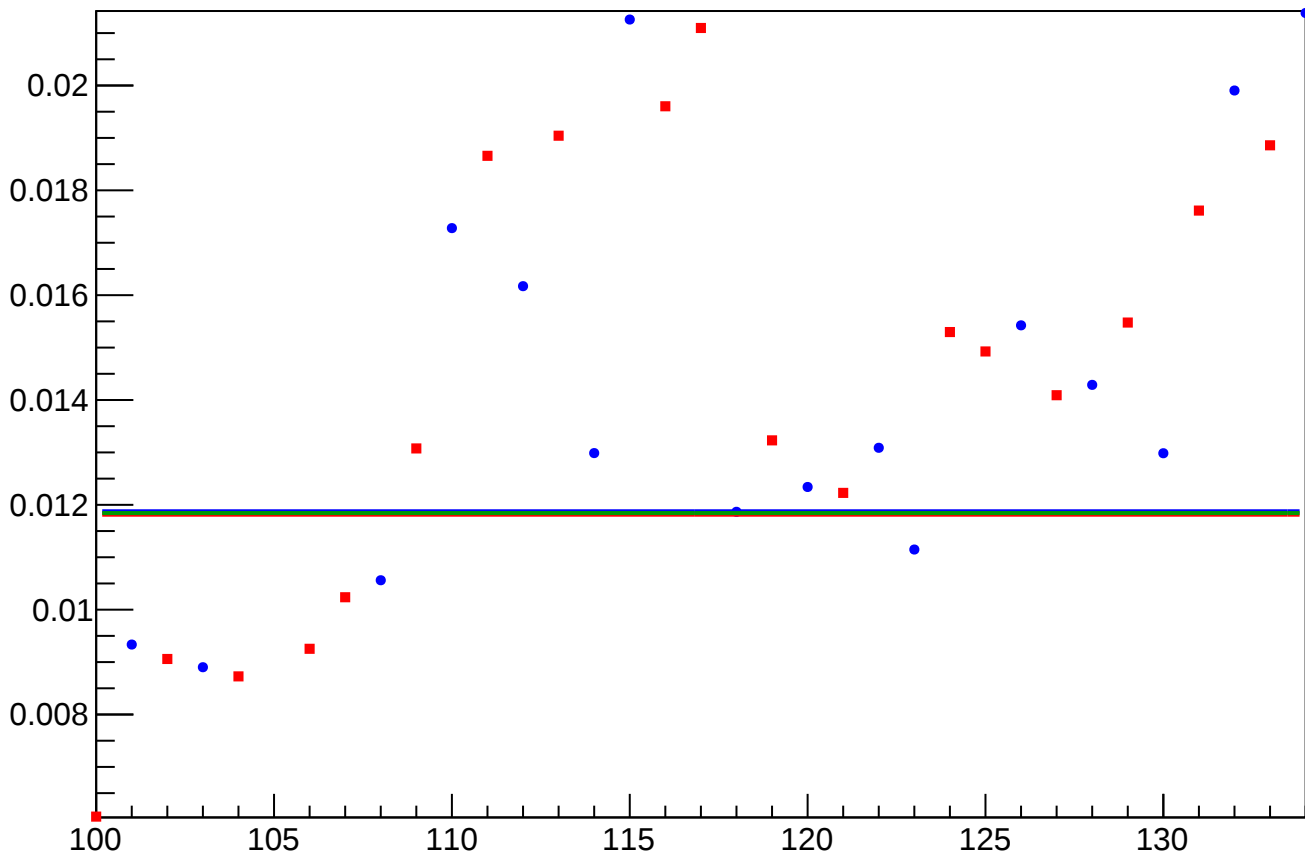
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.049+/-0.000 χ^2/NDF : 478713395.2/15

0.023+/-0.000 χ^2/NDF : 1718978406.9/33

-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 : 614483.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 984351.3/17

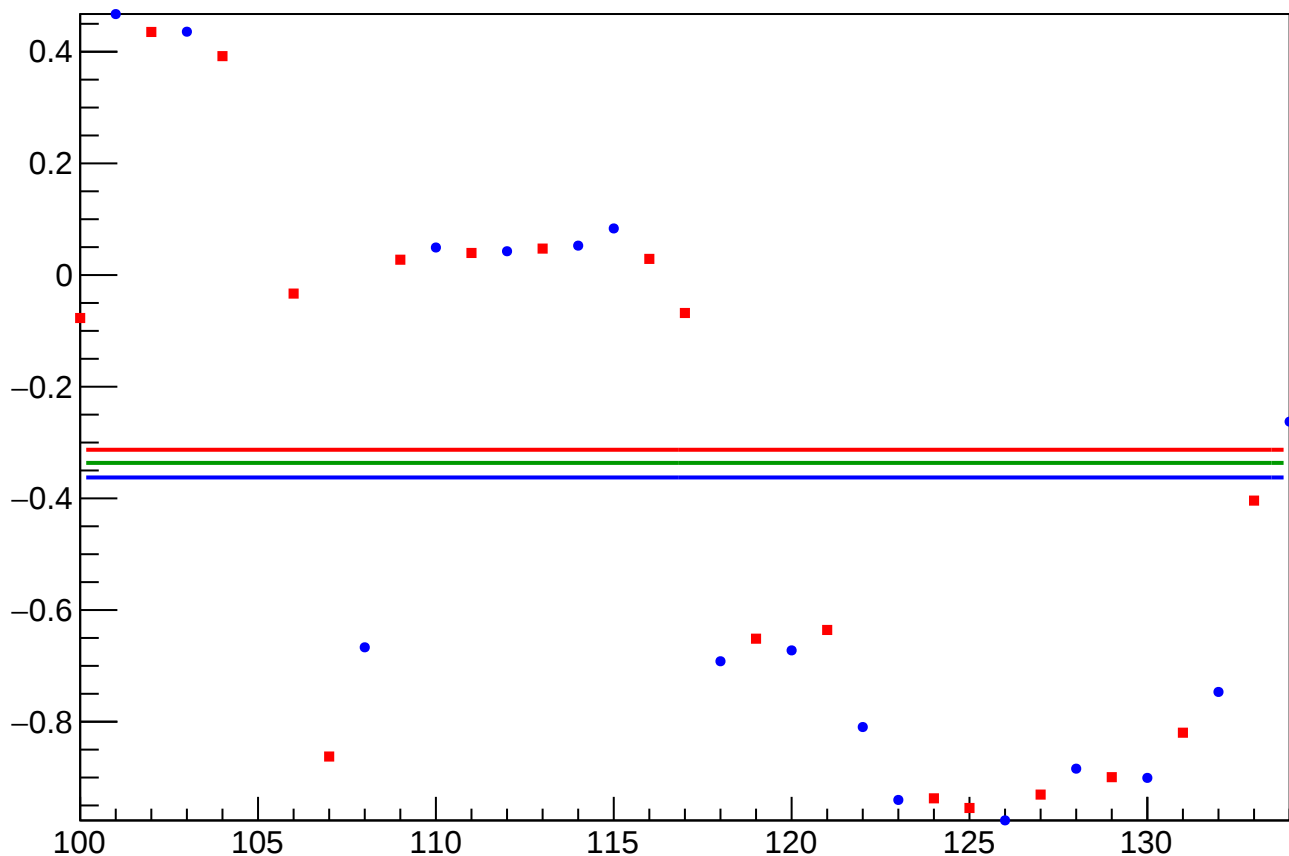
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.012+/-0.000 χ^2/NDF : 614483.9/15

0.012+/-0.000 χ^2/NDF : 1598992.7/33

0.012+/-0.000 χ^2/NDF : 984351.3/17

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.363+/-0.000 χ^2/NDF : 210532329.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.313+/-0.000 χ^2/NDF : 200275037.4/17

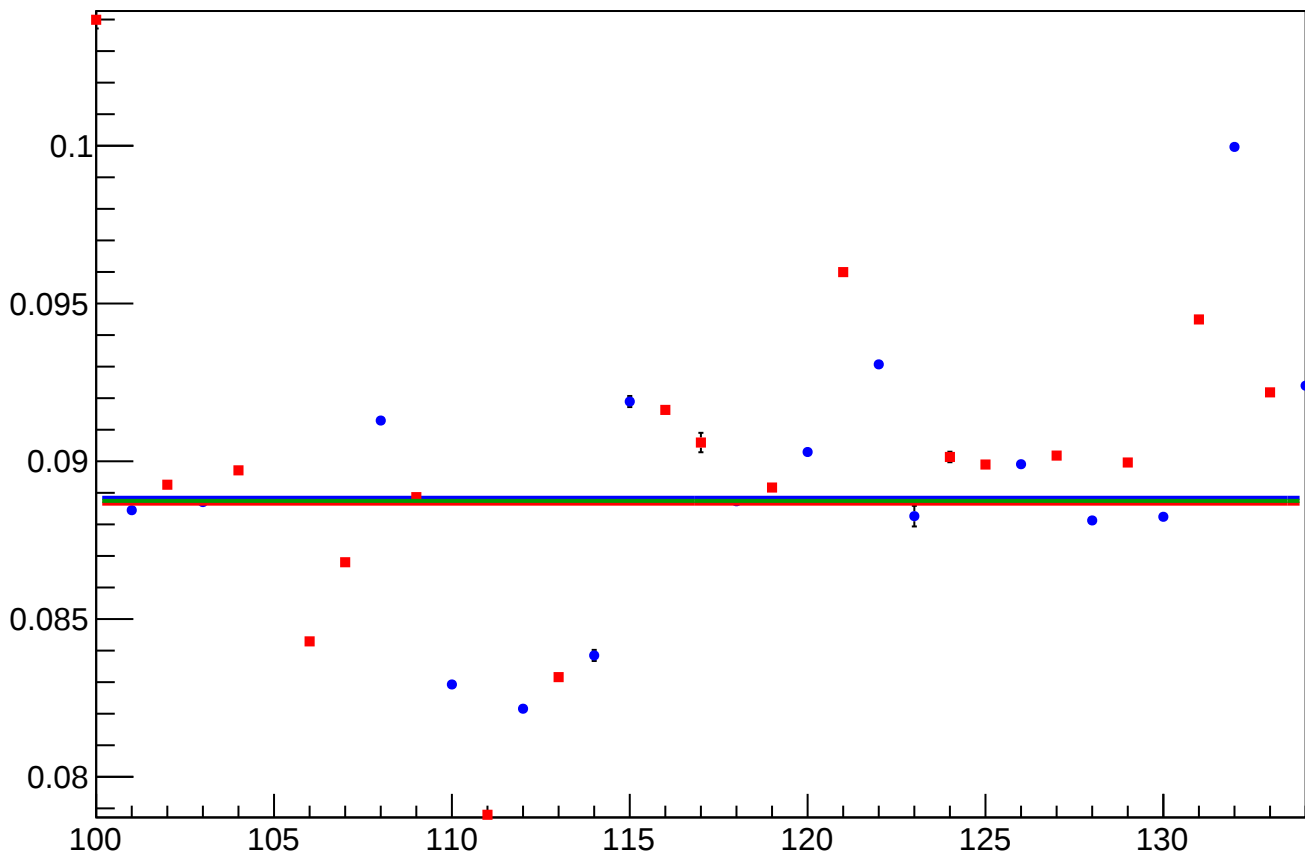
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.363+/-0.000 χ^2/NDF : 210532329.0/15

-0.336+/-0.000 χ^2/NDF : 411770159.9/33

-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 : 24179.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.000 χ^2/NDF : 32512.7/17

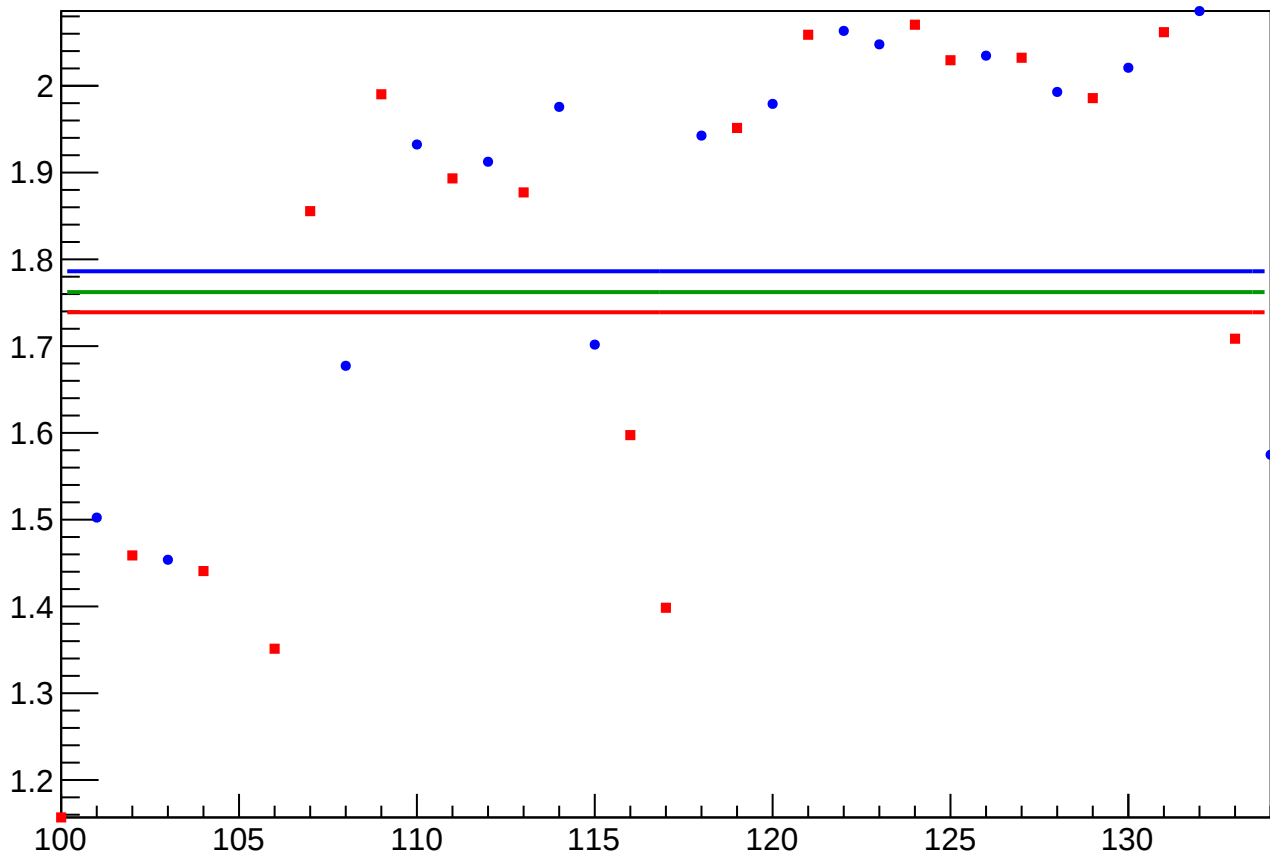
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 24179.1/15

0.089+/-0.000 χ^2/NDF : 56719.1/33

0.089+/-0.000 χ^2/NDF : 32512.7/17

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.786 ± 0.000 χ^2/NDF : 1129165413.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.739 ± 0.000 χ^2/NDF : 1611256340.9/17

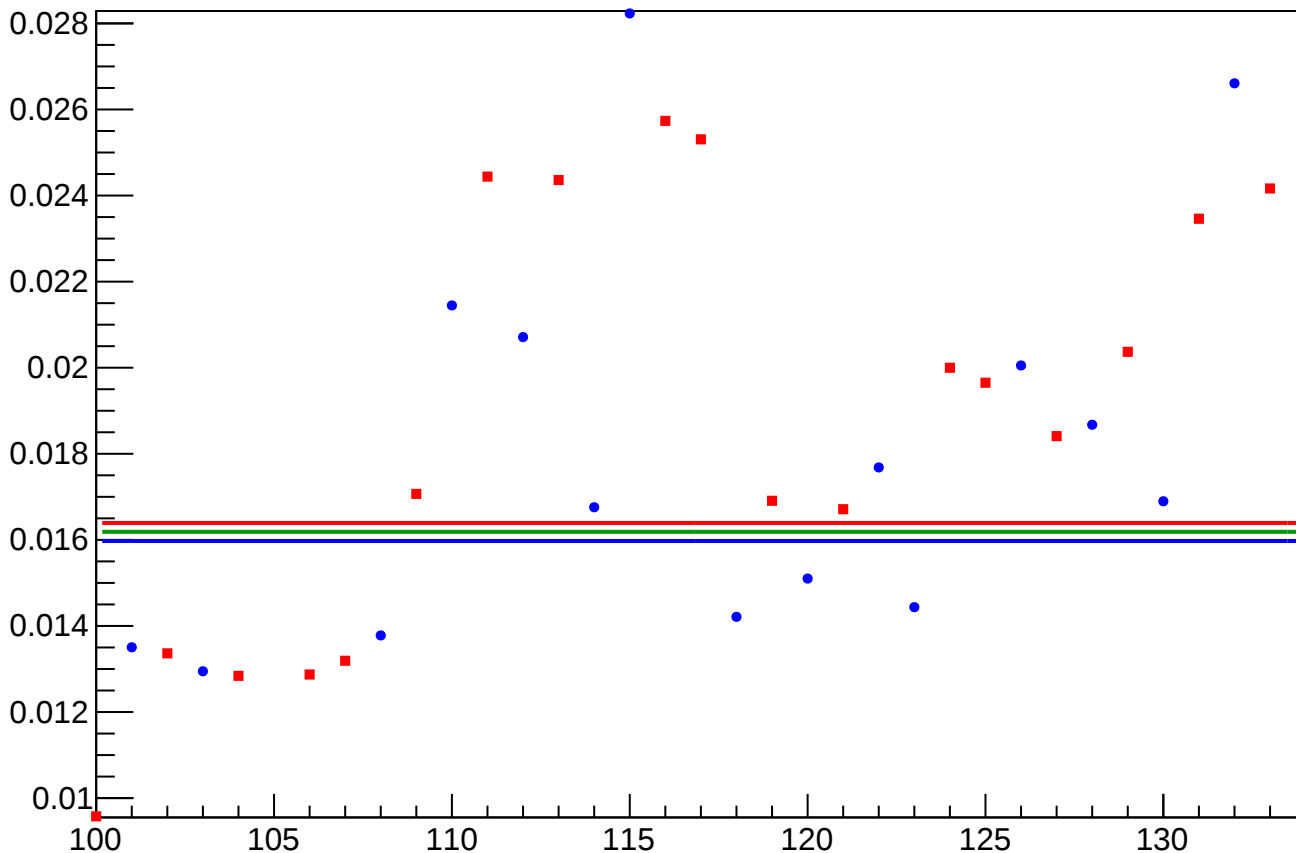
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.786 ± 0.000 χ^2/NDF : 1129165413.8/15

1.762 ± 0.000 χ^2/NDF : 2762787028.5/33

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 : 460254.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 699217.5/17

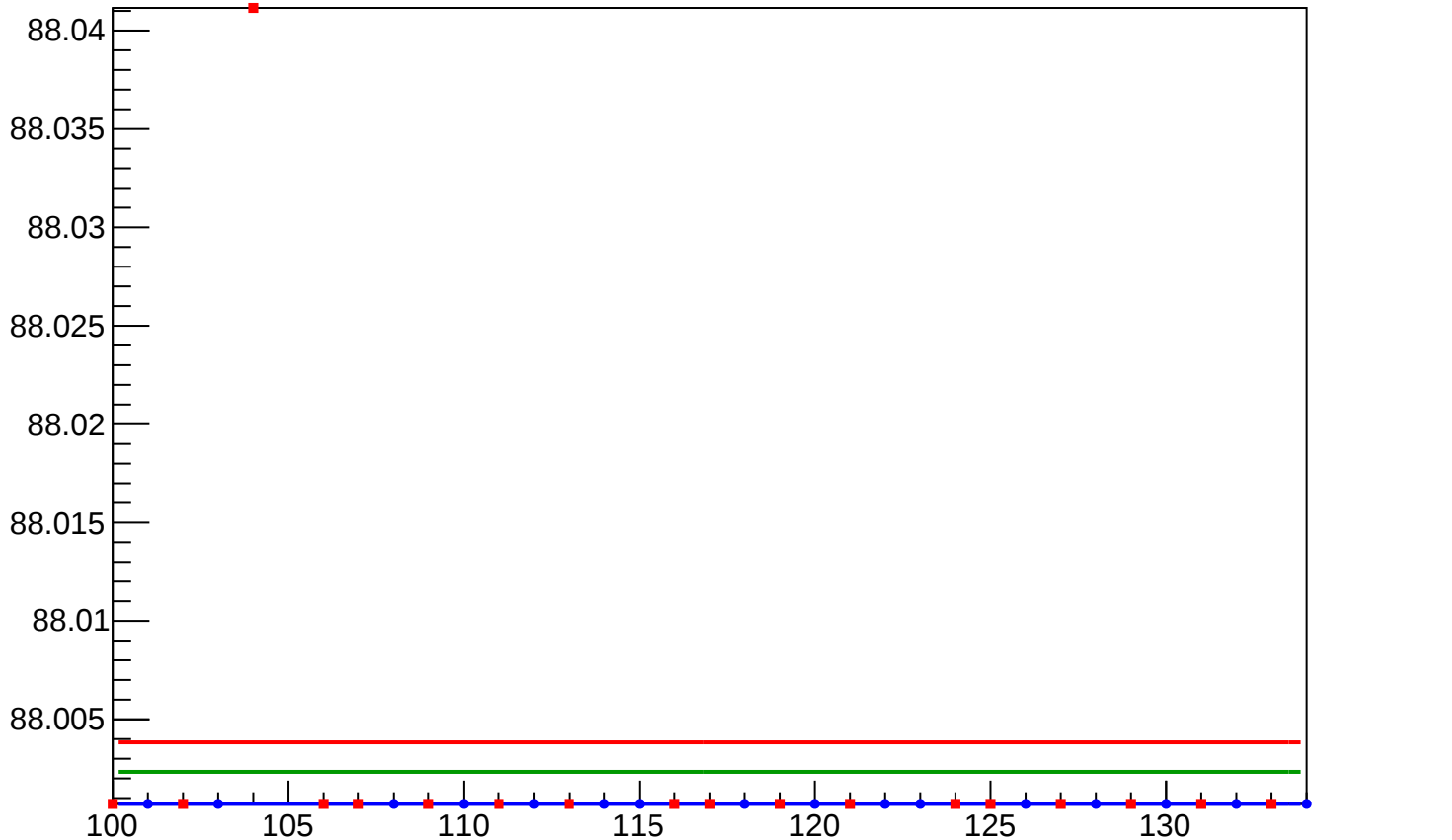
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 460254.8/15

0.016+/-0.000 χ^2/NDF : 1163000.8/33

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: 1415254.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

88.001+/-0.000 χ^2 /NDF: 1415254.3/15

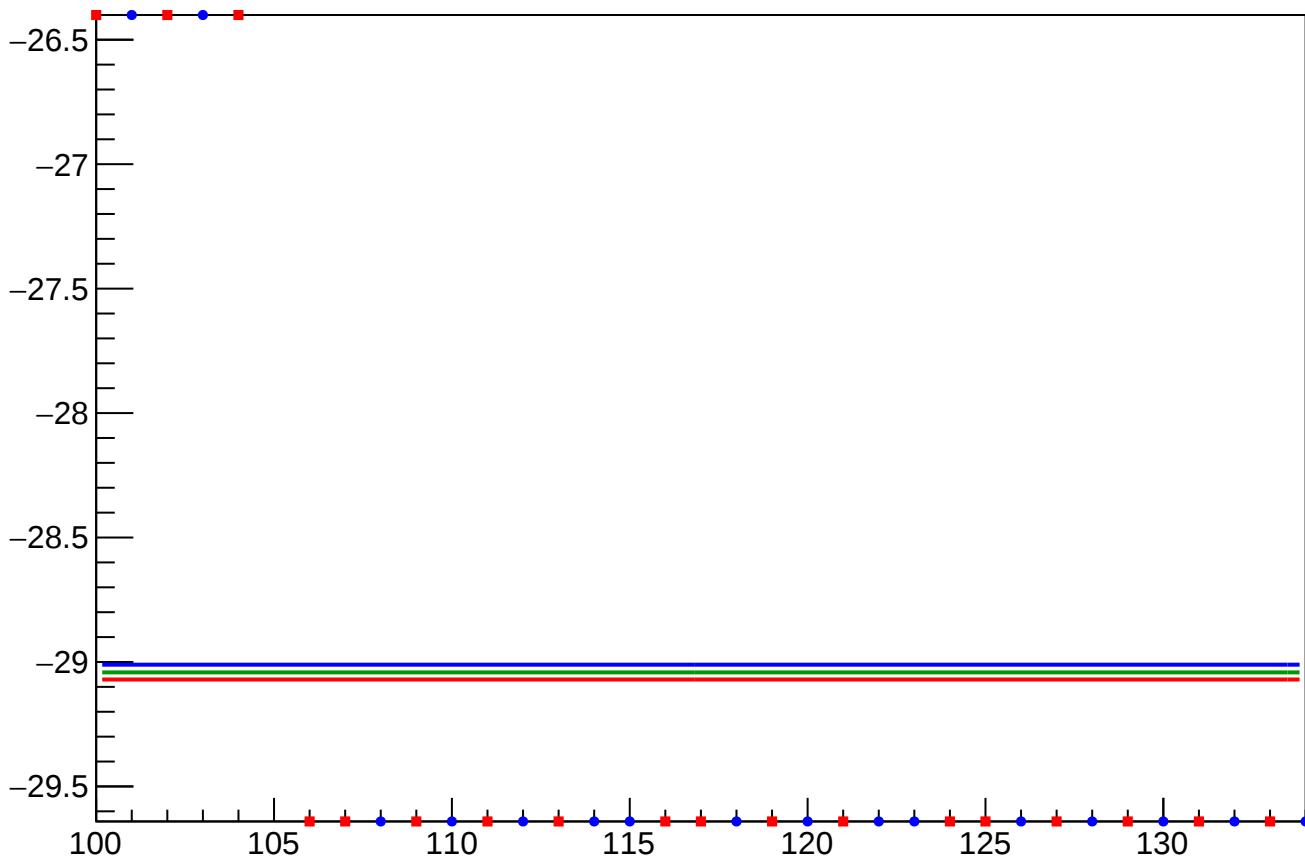
Right Out: 88.004+/-0.000 χ^2 /NDF: 76982434802793669402002718720.0/17

88.002+/-0.000 χ^2 /NDF: 8007852229631

88.004+/-0.000 χ^2 /NDF: 769824348027936694

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -29.011+/-0.000 χ^2/NDF : 997911886655701329871449781960704.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.070+/-0.000 χ^2/NDF : 1003373033080433094931987568787456.0/17

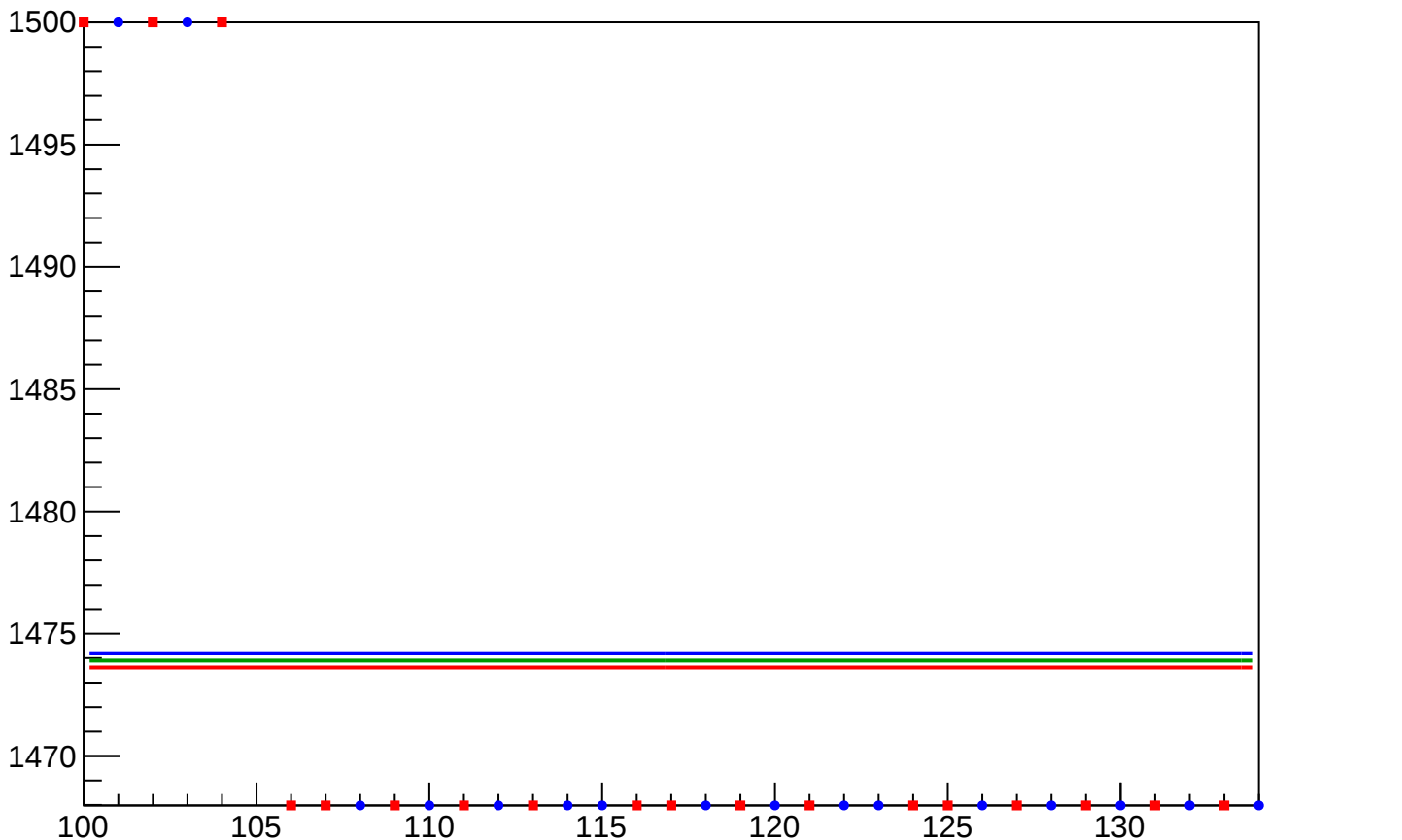
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.011+/-0.000 χ^2/NDF : 99791188665570132

-29.042+/-0.000 χ^2/NDF : 200240476208

-29.070+/-0.000 χ^2/NDF : 10033730330804330

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1474.204+/-0.000 χ^2/NDF : 97472695519997274207990558345920512.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1473.616+/-0.000 χ^2/NDF : 98006122037678959003995917307084800.0/17

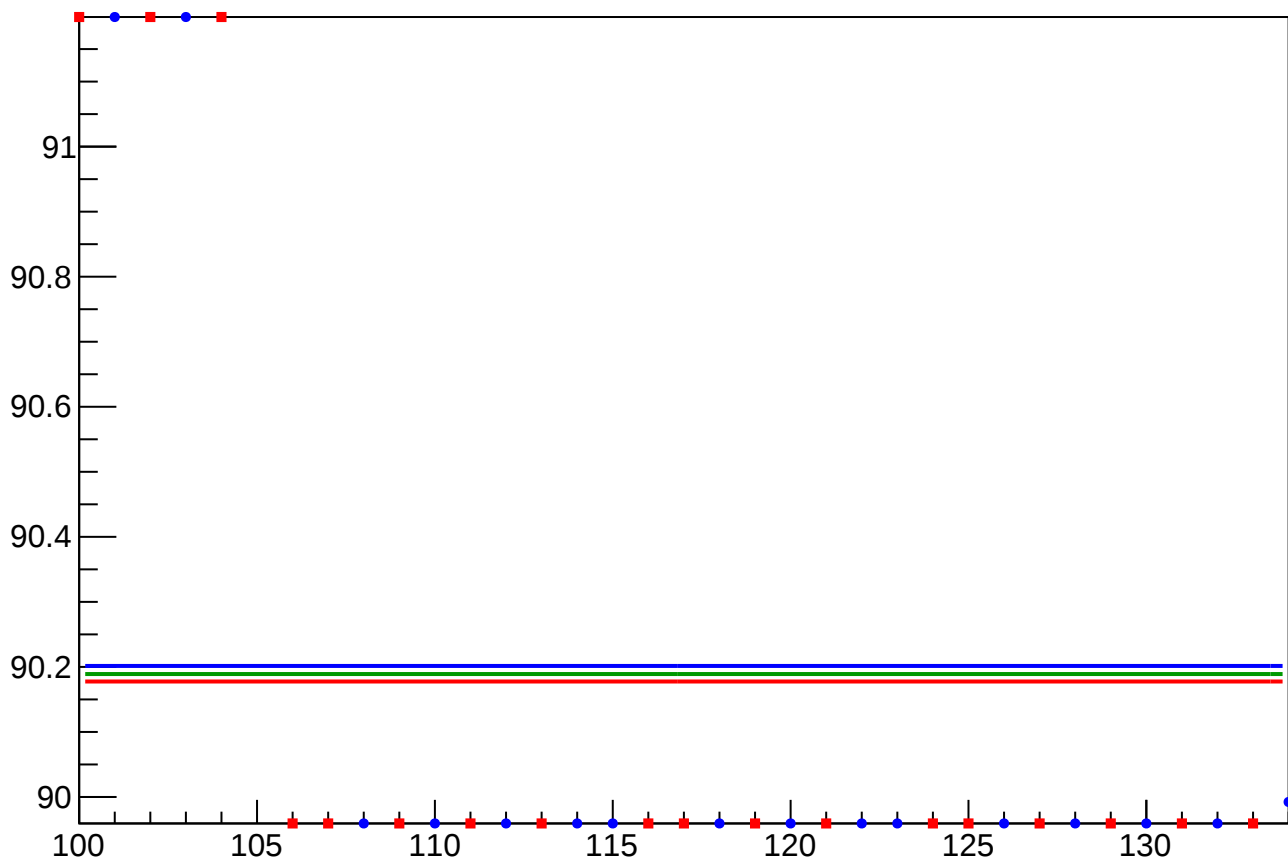
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1474.204+/-0.000 χ^2/NDF : 9747269551999727

1473.898+/-0.000 χ^2/NDF : 19558820001

1473.616+/-0.000 χ^2/NDF : 9800612203767895

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

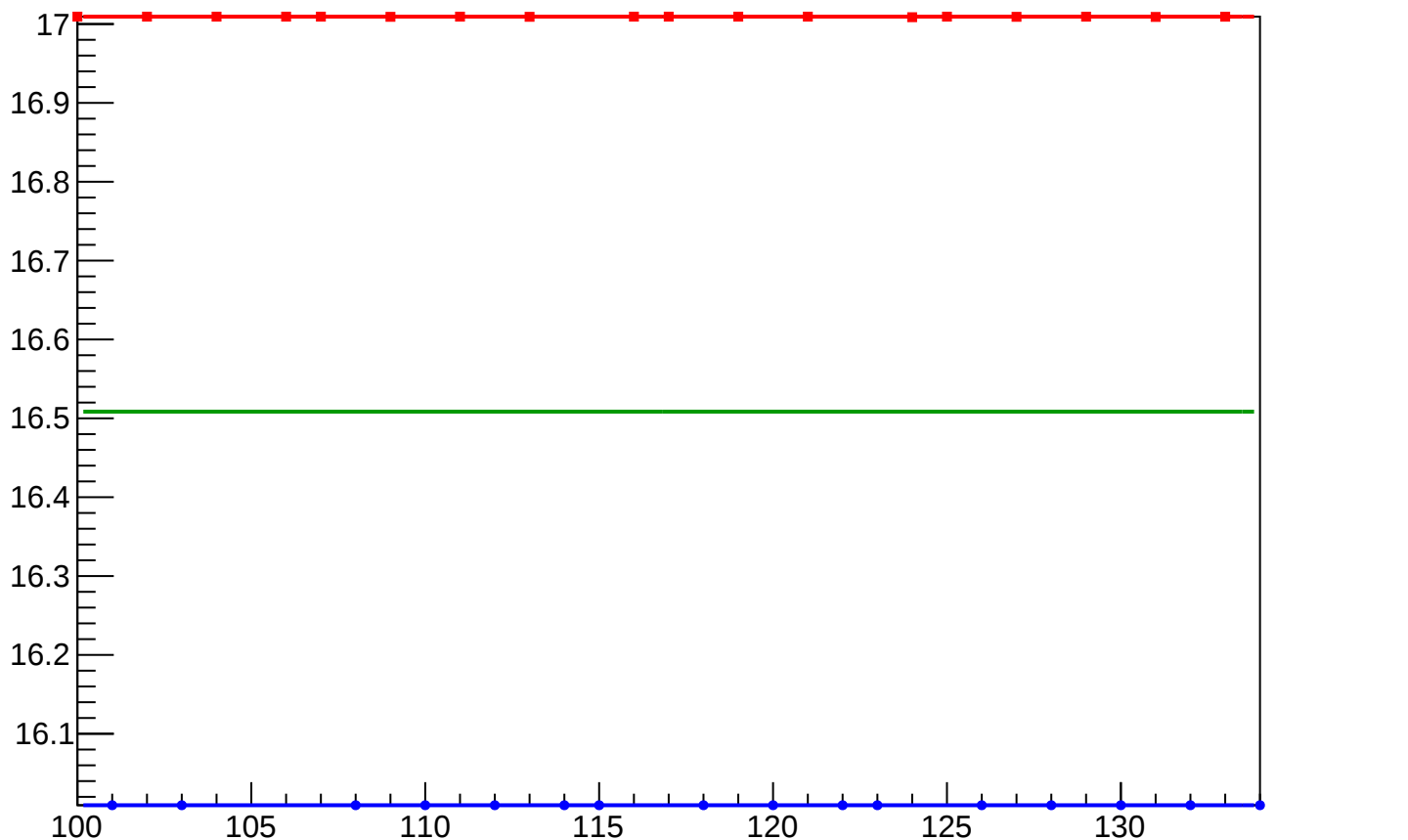
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

90.189+/-0.000 χ^2/NDF : 2929997991460

90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2 /NDF: 37057.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.009+/-0.000 χ^2 /NDF: 12026206019273131642847232.0/17

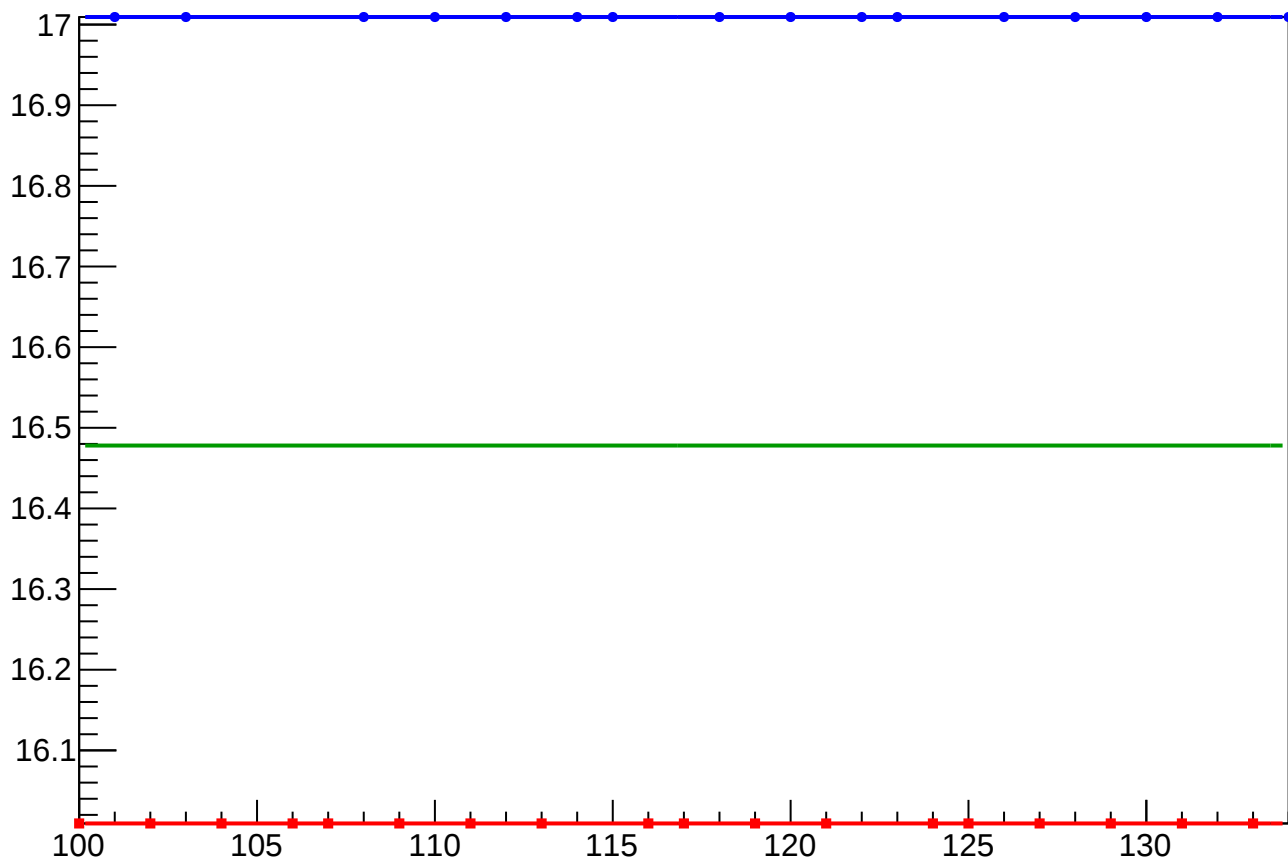
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

16.009+/-0.000 χ^2 /NDF: 37057.5/15

16.508+/-0.000 χ^2 /NDF: 2984475278700

17.009+/-0.000 χ^2 /NDF: 12026206019273131642847232.0/17

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2 /NDF: 61733.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.009+/-0.000 χ^2 /NDF: 33510.8/17

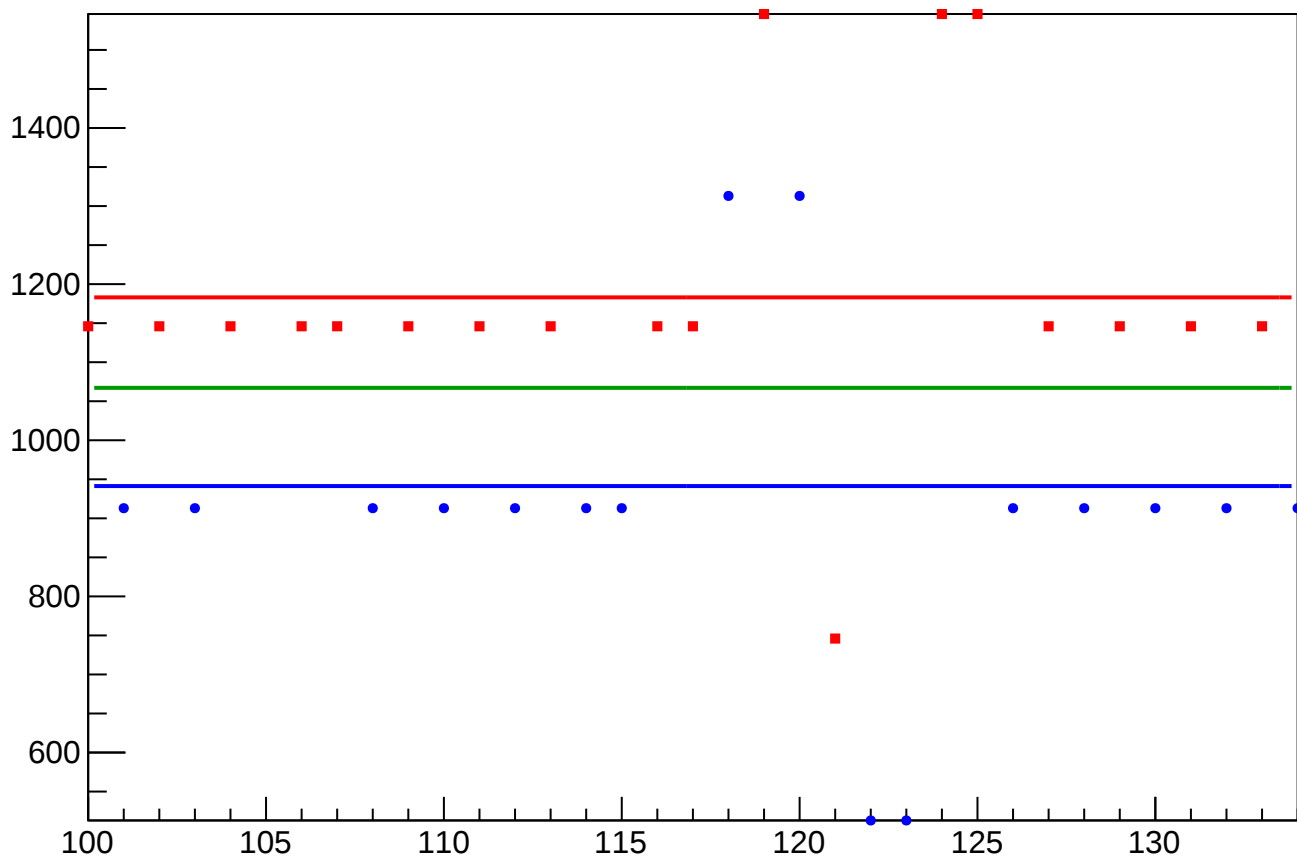
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.009+/-0.000 χ^2 /NDF: 61733.1/15

16.478+/-0.000 χ^2 /NDF: 3055419722901

16.009+/-0.000 χ^2 /NDF: 33510.8/17

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

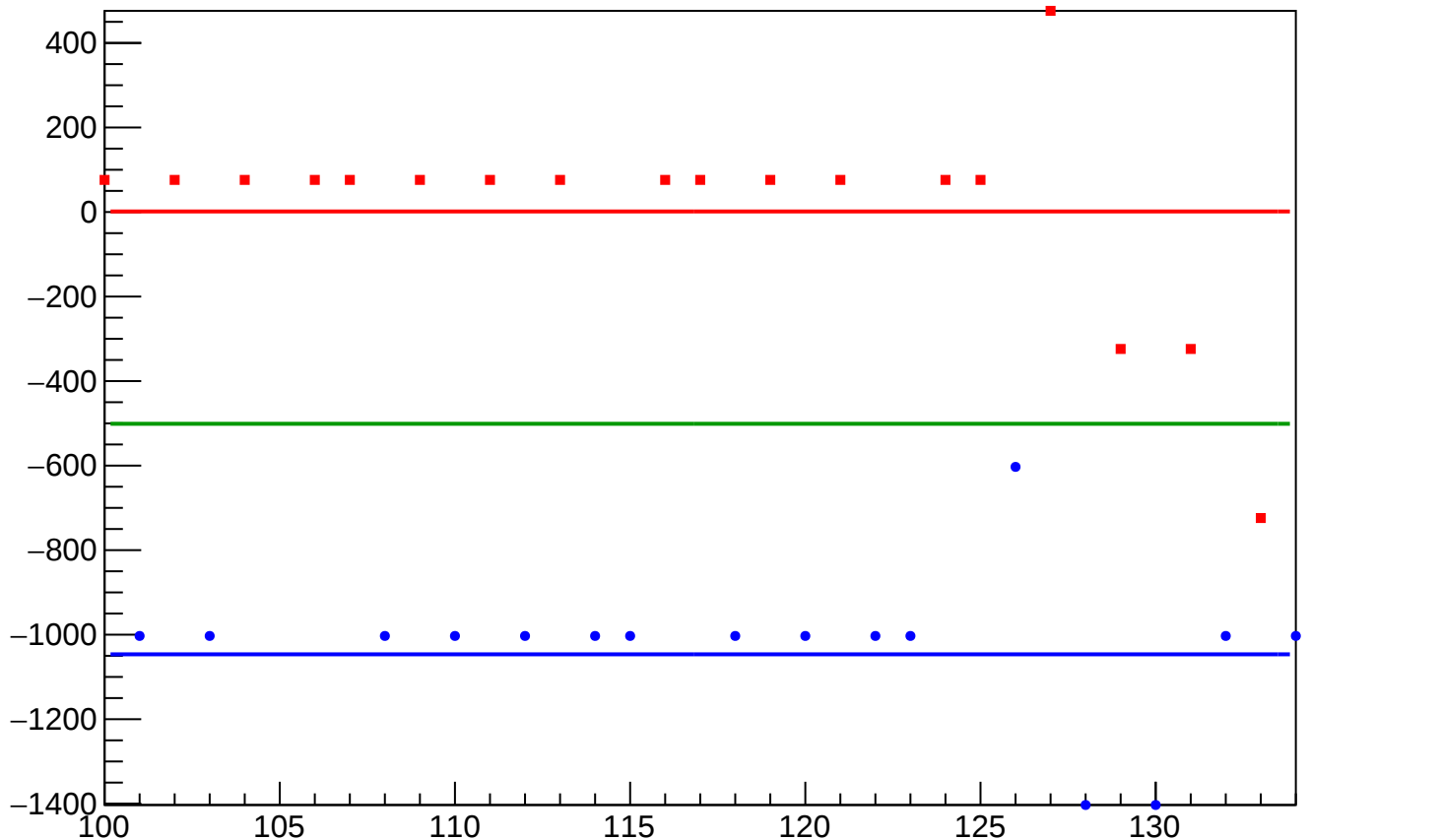
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

1067.148+/-0.000 χ^2/NDF : 60590288888.0/17

1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1046.482+/-0.000 χ^2/NDF : 22531475220915068149777403579803369472.0/15
 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