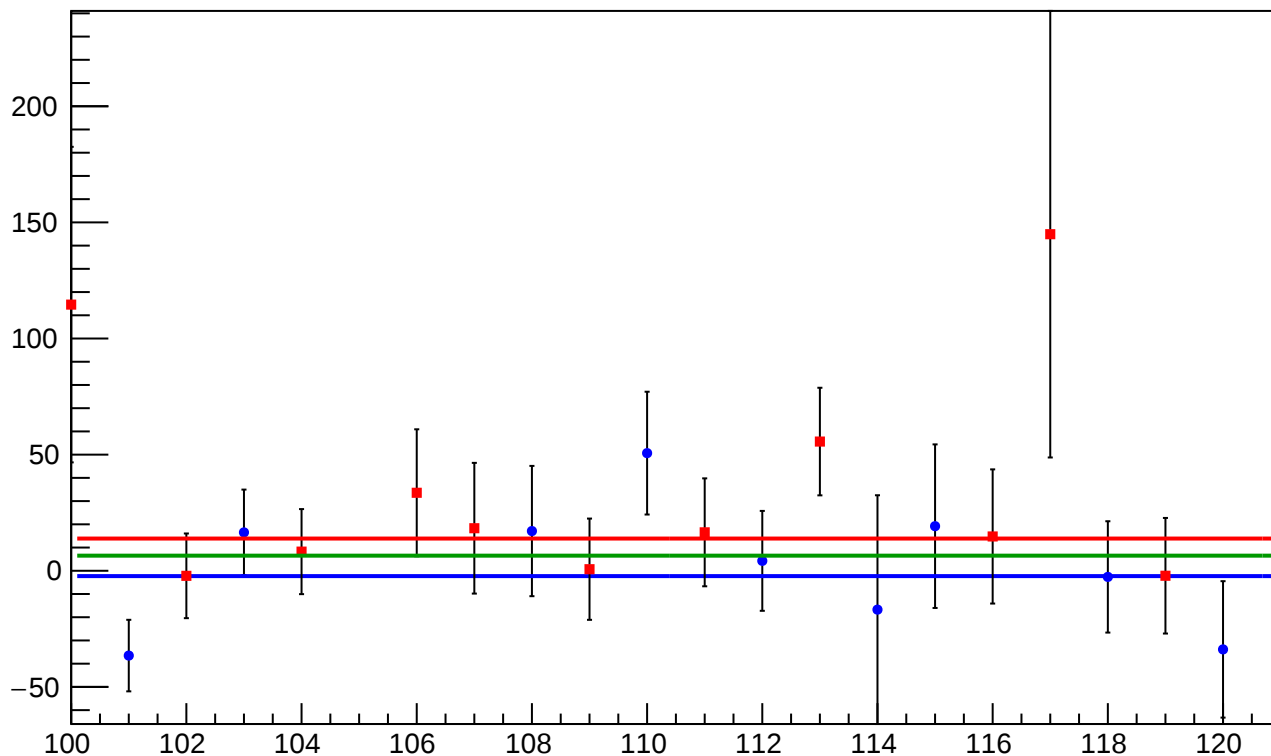


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.296+/-7.871

χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 13.874+/-7.198

χ^2/NDF : 10.1/11

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

-2.296+/-7.871

χ^2/NDF : 12.2/8

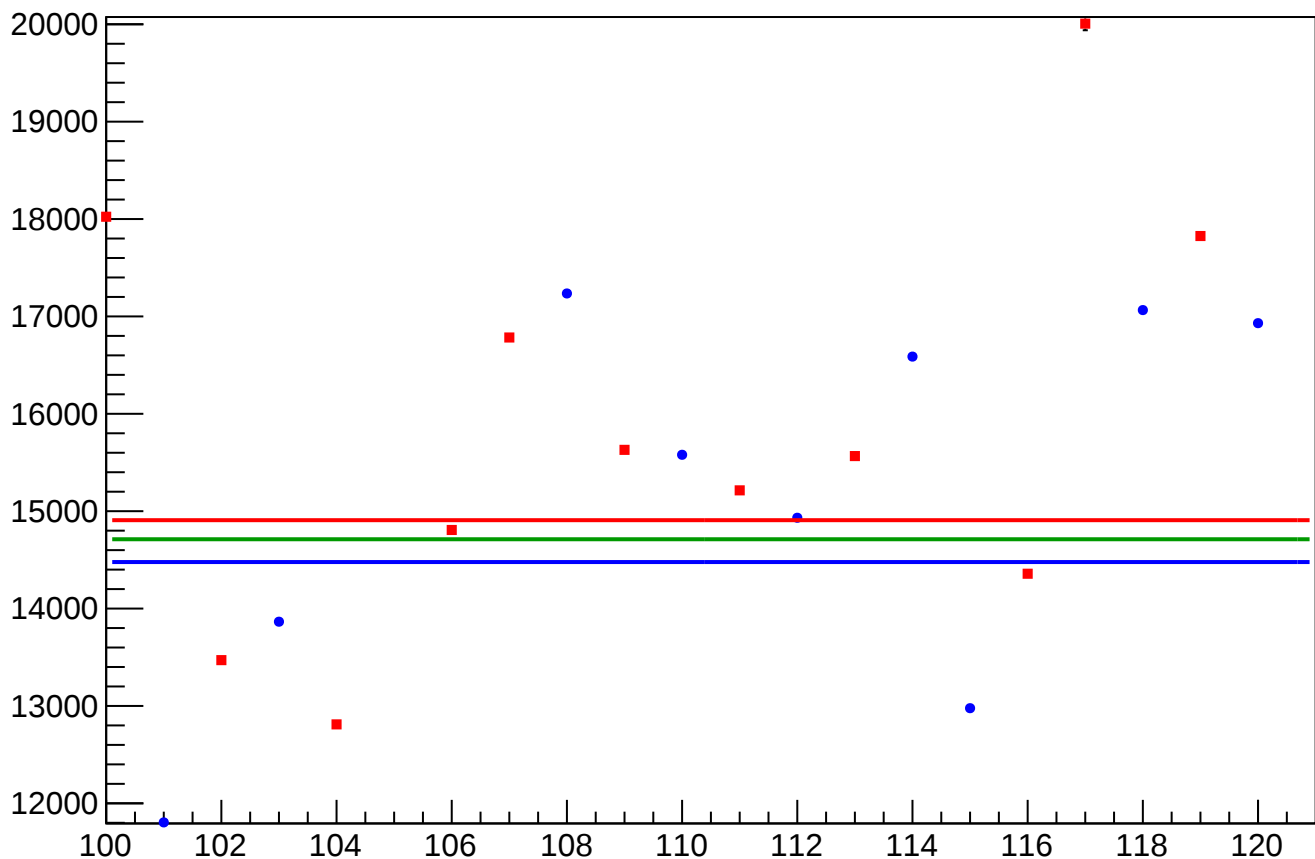
6.509+/-5.312

χ^2/NDF : 24.6/20

13.874+/-7.198

χ^2/NDF : 10.1/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14477.647 $\pm$ 5.565 χ^2 /NDF: 130742.1/8

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

Right Out: 14907.575 $\pm$ 5.090 χ^2 /NDF: 89865.3/11

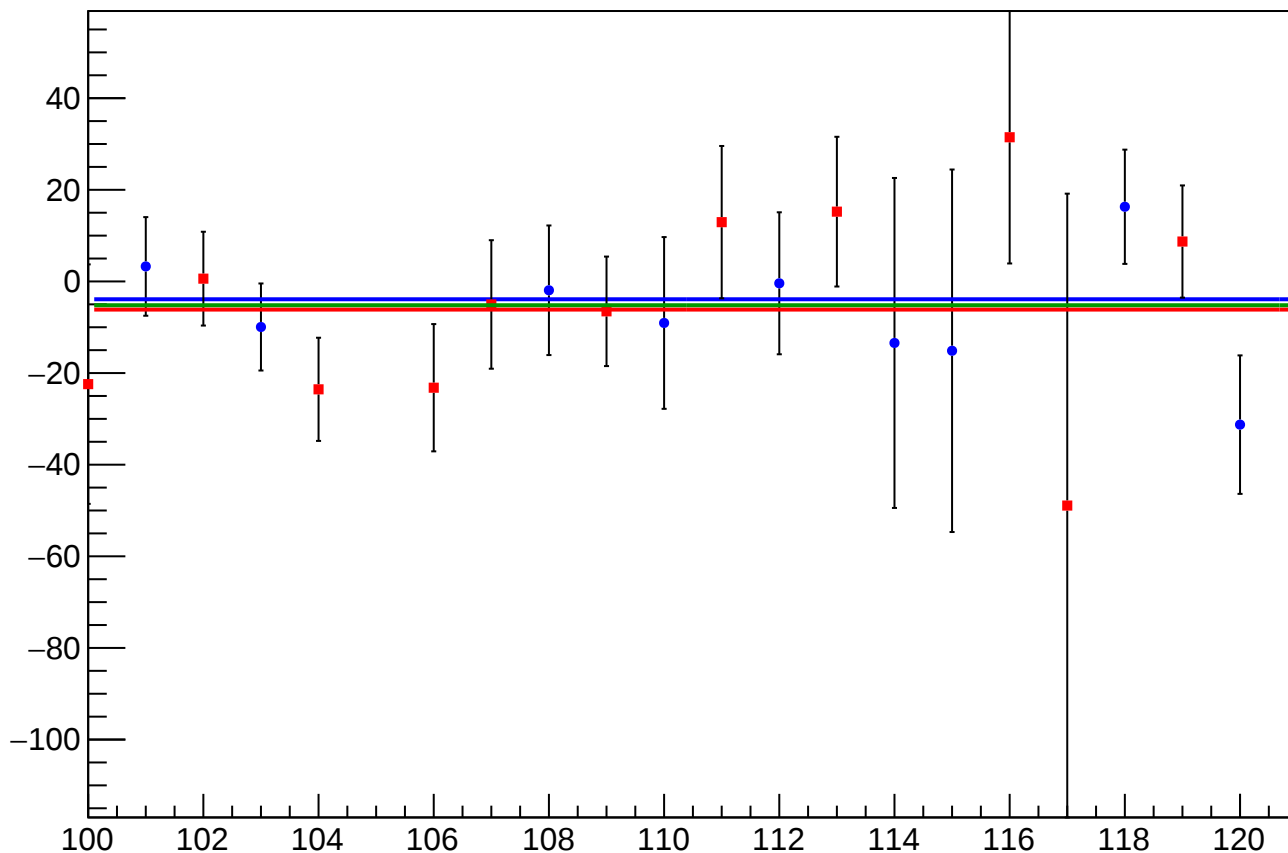
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14477.647 $\pm$ 5.565 χ^2 /NDF: 130742.1/8

14711.762 $\pm$ 3.756 χ^2 /NDF: 223857.1/20

14907.575 $\pm$ 5.090 χ^2 /NDF: 89865.3/11

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.893+/-4.771 χ^2 /NDF: 7.0/8

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

Right Out: -6.142+/-4.066 χ^2 /NDF: 12.8/11

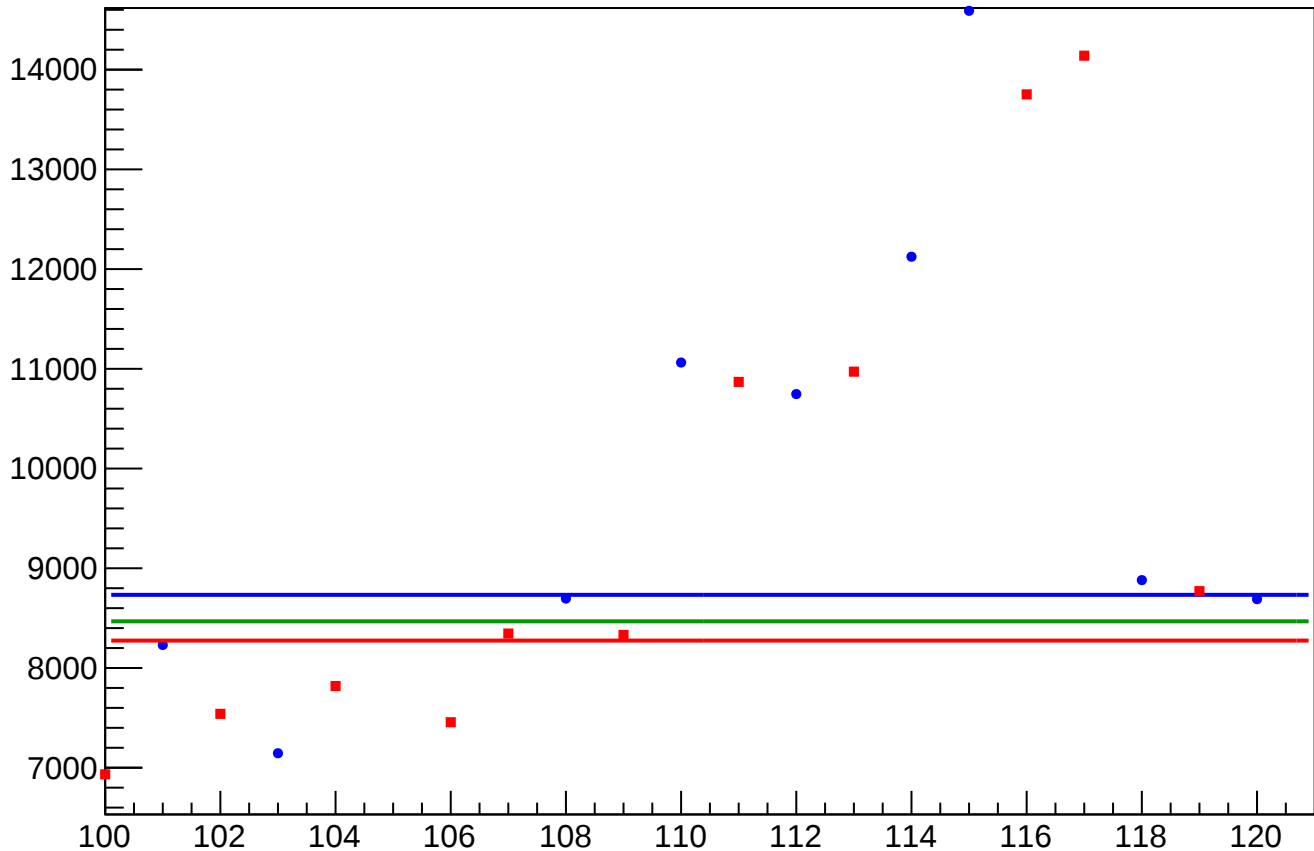
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.893+/-4.771 χ^2 /NDF: 7.0/8

-5.196+/-3.095 χ^2 /NDF: 19.9/20

-6.142+/-4.066 χ^2 /NDF: 12.8/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8733.629+/-3.373 χ^2/NDF : 186777.4/8

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

Right Out: 8274.896+/-2.875 χ^2/NDF : 278953.9/11

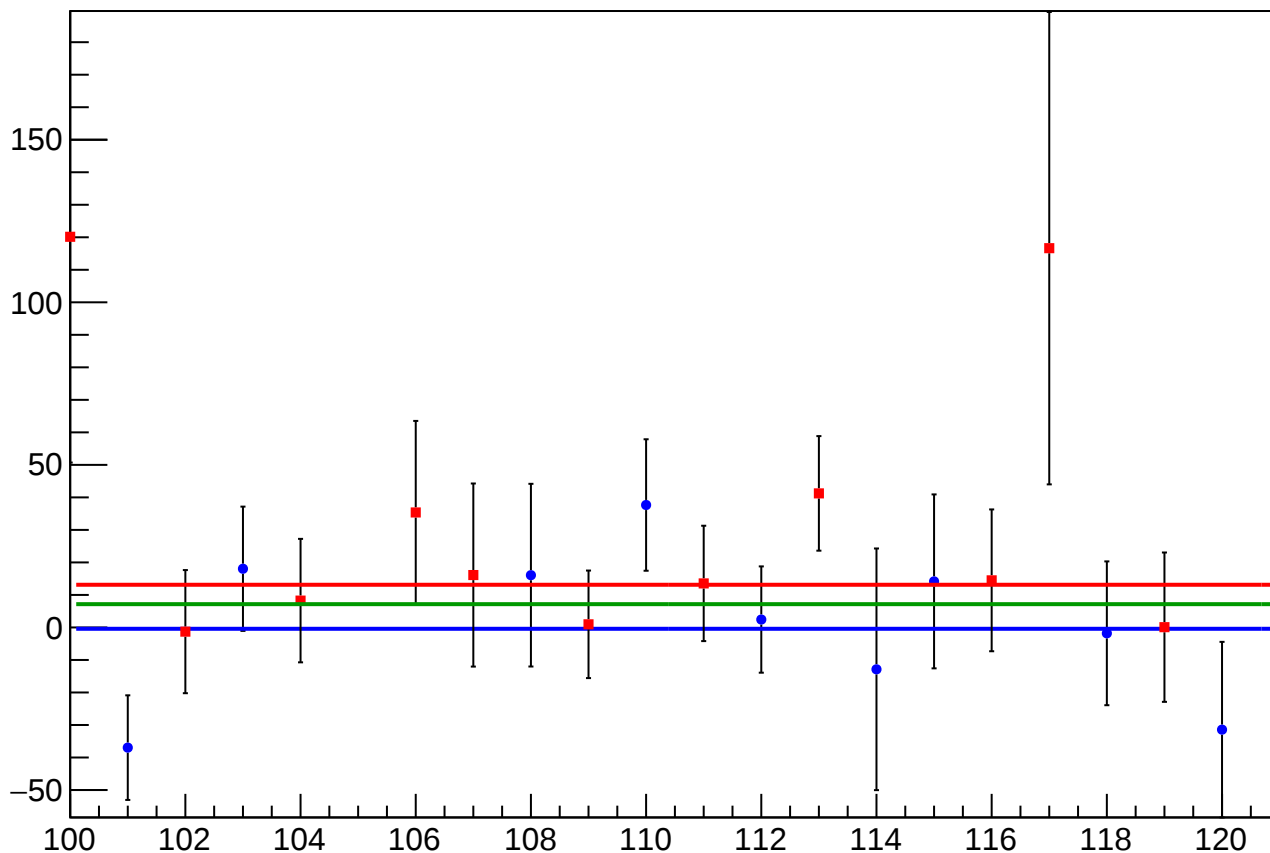
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8733.629+/-3.373 χ^2/NDF : 186777.4/8

8467.939+/-2.188 χ^2/NDF : 476442.0/20

8274.896+/-2.875 χ^2/NDF : 278953.9/11

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.413 $\pm$ 7.143 χ^2/NDF : 11.8/8

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

Right Out: 13.129 $\pm$ 6.339 χ^2/NDF : 10.0/11

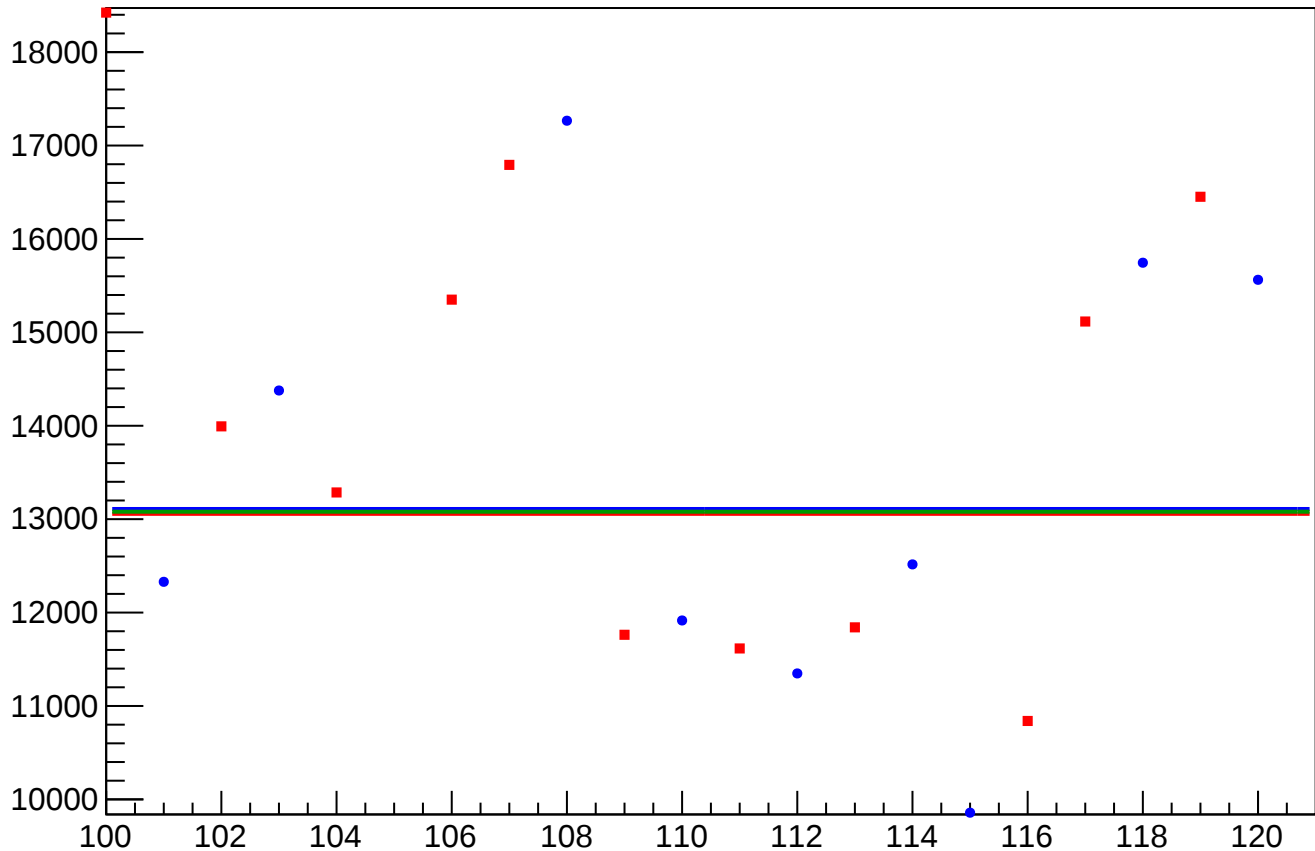
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.413 $\pm$ 7.143 χ^2/NDF : 11.8/8

7.162 $\pm$ 4.741 χ^2/NDF : 23.7/20

13.129 $\pm$ 6.339 χ^2/NDF : 10.0/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13108.983+/-5.051 χ^2/NDF : 162466.6/8

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

Right Out: 13057.030+/-4.483 χ^2/NDF : 167247.4/11

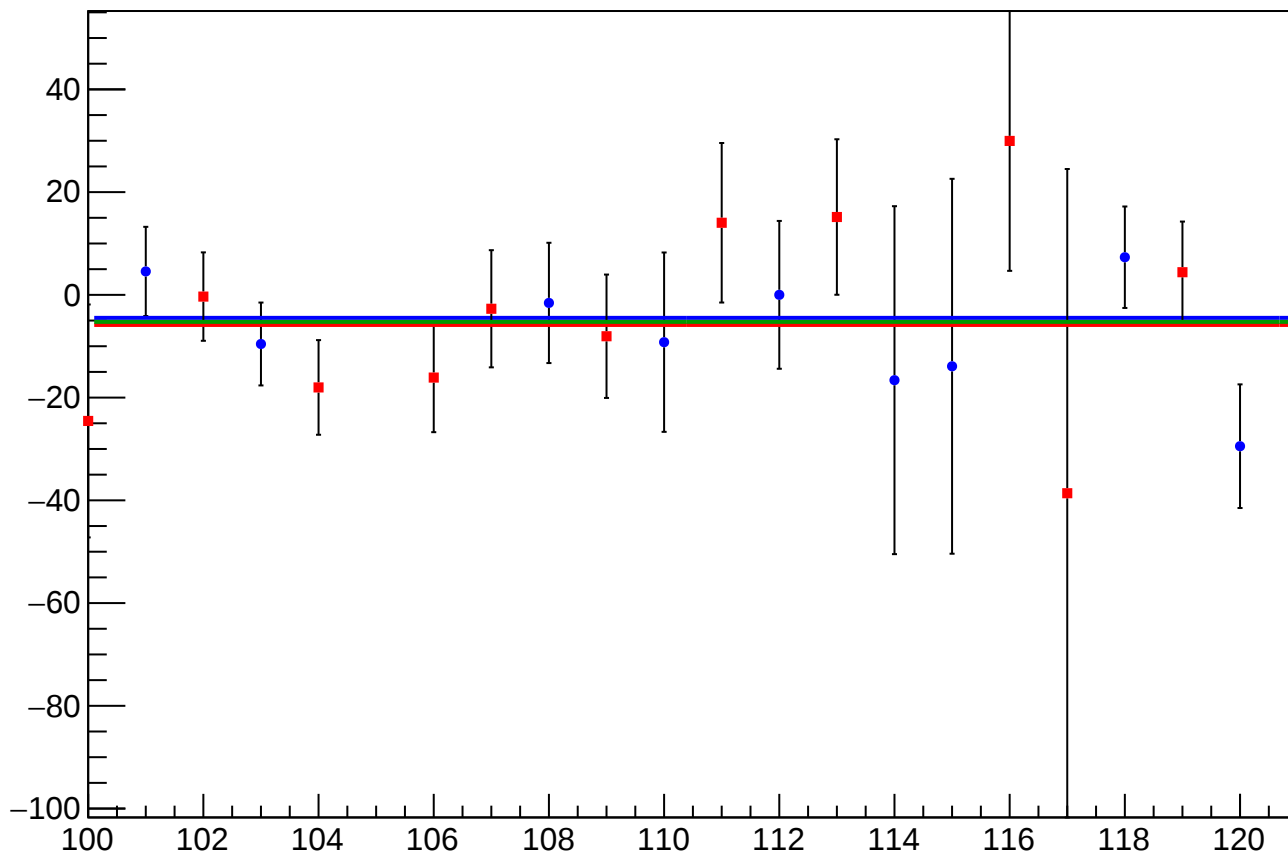
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13108.983+/-5.051 χ^2/NDF : 162466.6/8

13079.919+/-3.353 χ^2/NDF : 329773.2/20

13057.030+/-4.483 χ^2/NDF : 167247.4/11

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.477+/-3.990 χ^2 /NDF: 7.6/8

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

Right Out: -5.857+/-3.512 χ^2 /NDF: 12.8/11

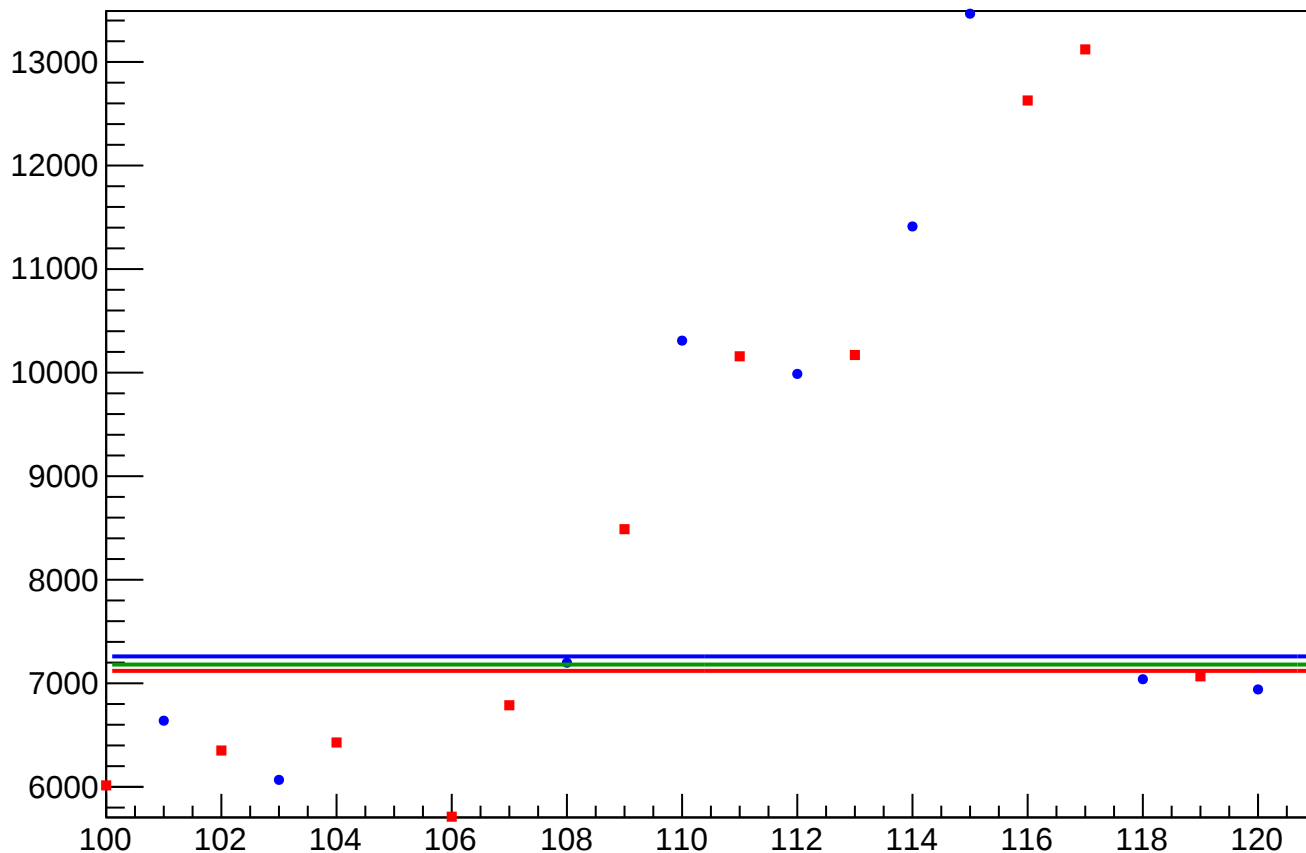
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.477+/-3.990 χ^2 /NDF: 7.6/8

-5.254+/-2.636 χ^2 /NDF: 20.6/20

-5.857+/-3.512 χ^2 /NDF: 12.8/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7259.808+/-2.821 χ^2 /NDF: 277182.3/8

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

Right Out: 7120.203+/-2.484 χ^2 /NDF: 383154.2/11

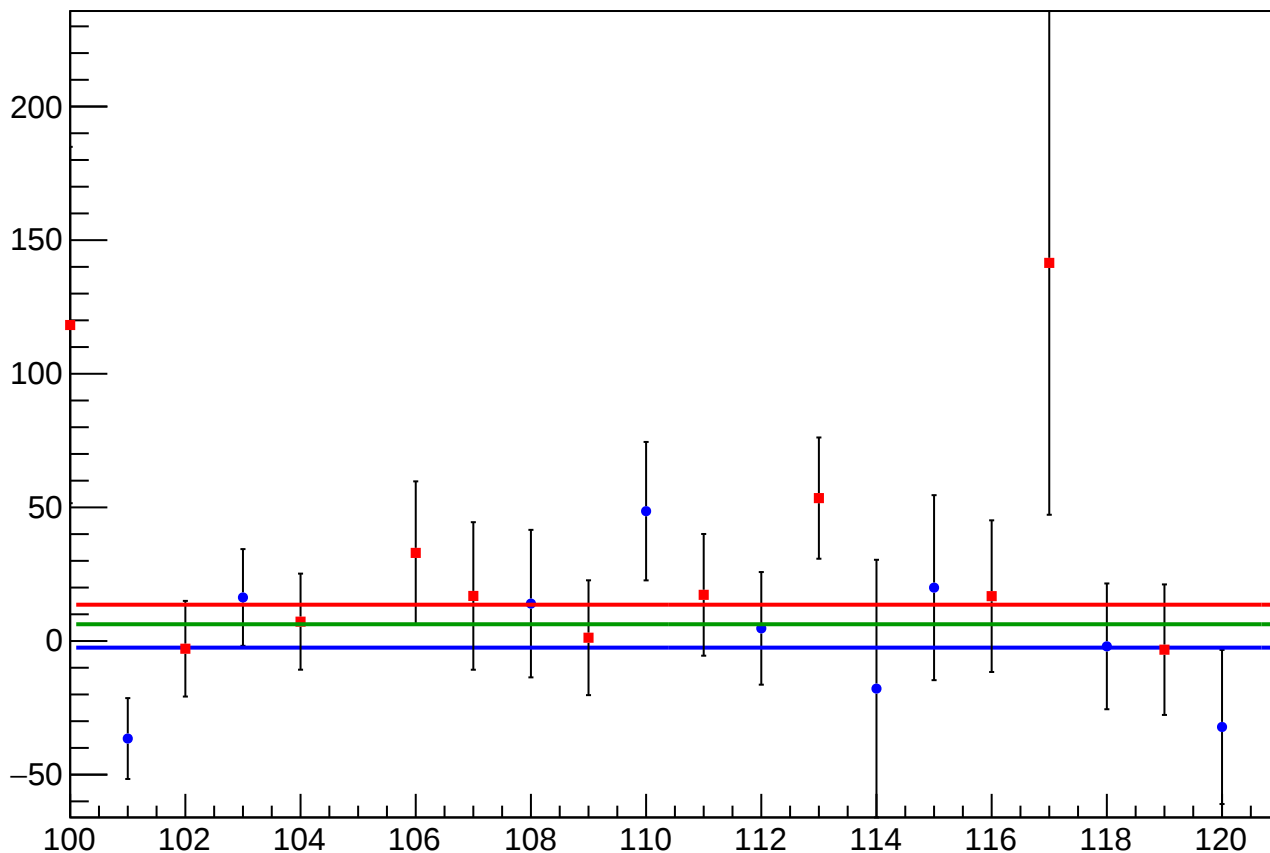
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

7259.808+/-2.821 χ^2 /NDF: 277182.3/8

7181.158+/-1.864 χ^2 /NDF: 661716.0/20

7120.203+/-2.484 χ^2 /NDF: 383154.2/11

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.473 ± 7.726 $\chi^2/\text{NDF}: 12.1/8$

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

Right Out: 13.591 ± 7.066 $\chi^2/\text{NDF}: 10.3/11$

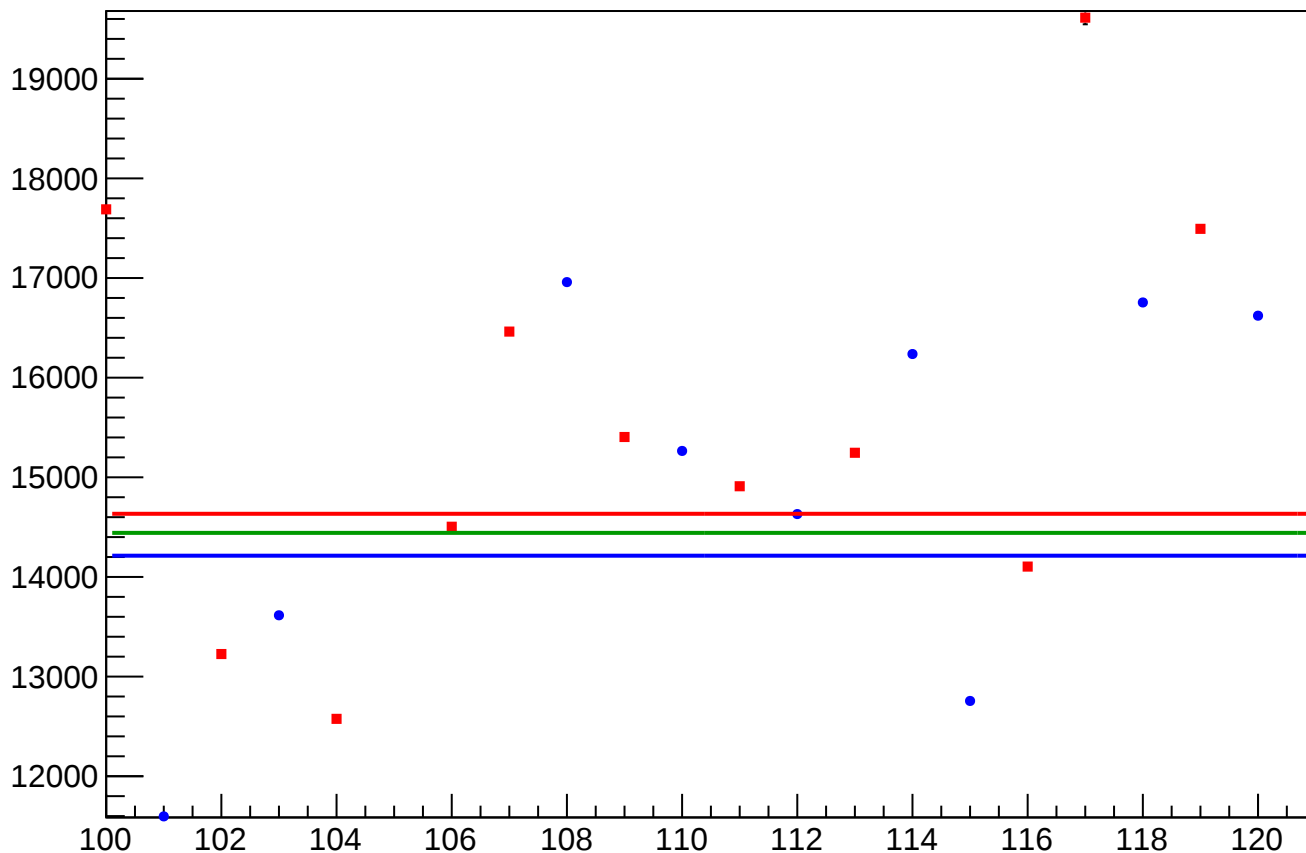
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.473 ± 7.726 $\chi^2/\text{NDF}: 12.1/8$

6.275 ± 5.214 $\chi^2/\text{NDF}: 24.7/20$

13.591 ± 7.066 $\chi^2/\text{NDF}: 10.3/11$

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14213.324+/-5.463 χ^2/NDF : 130220.1/8

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

Right Out: 14633.896+/-4.996 χ^2/NDF : 89702.9/11

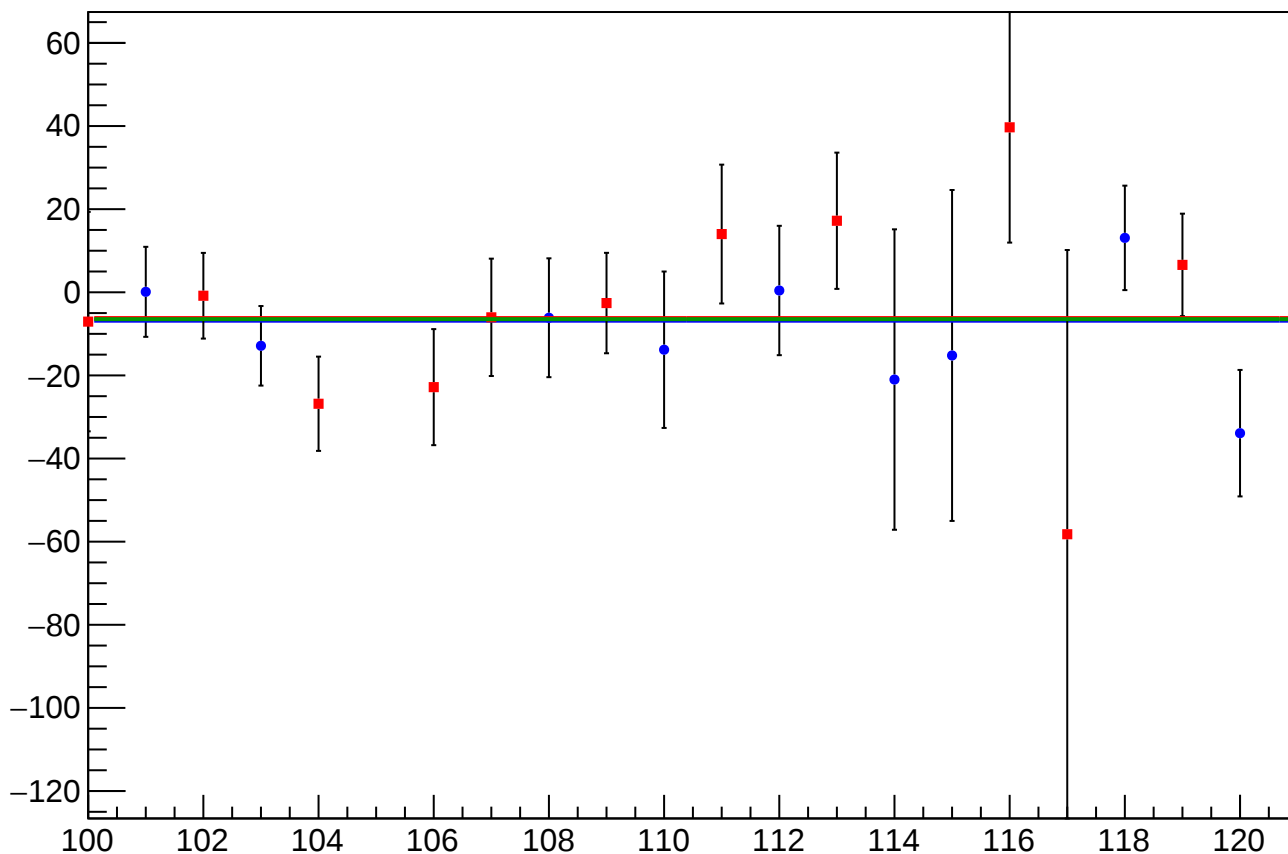
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14213.324+/-5.463 χ^2/NDF : 130220.1/8

14442.360+/-3.687 χ^2/NDF : 223150.1/20

14633.896+/-4.996 χ^2/NDF : 89702.9/11

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.831+/-4.804 χ^2/NDF : 7.0/8

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

Right Out: -6.203+/-4.097 χ^2/NDF : 14.7/11

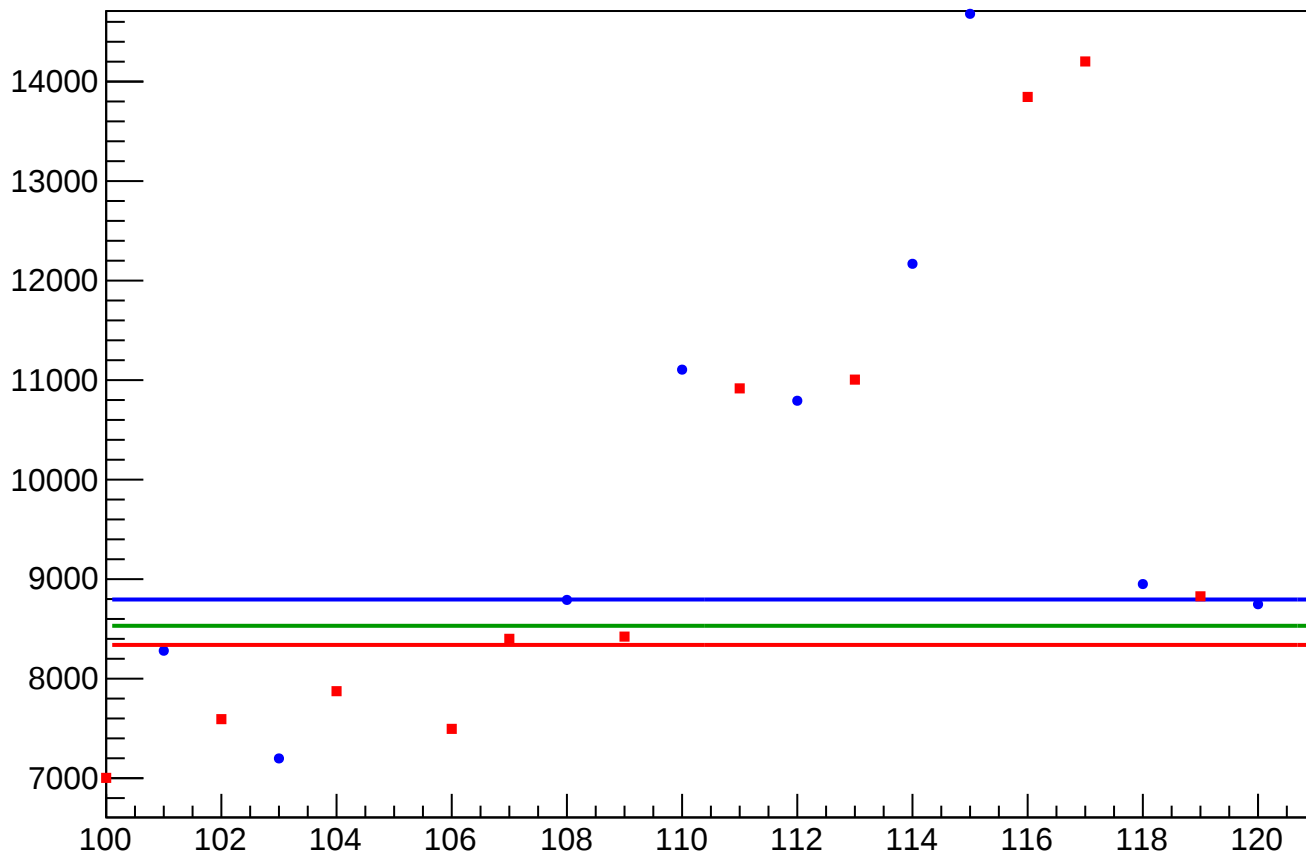
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.831+/-4.804 χ^2/NDF : 7.0/8

-6.467+/-3.117 χ^2/NDF : 21.8/20

-6.203+/-4.097 χ^2/NDF : 14.7/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8795.477+/-3.397 χ^2/NDF : 184732.5/8

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

Right Out: 8339.092+/-2.897 χ^2/NDF : 274607.6/11

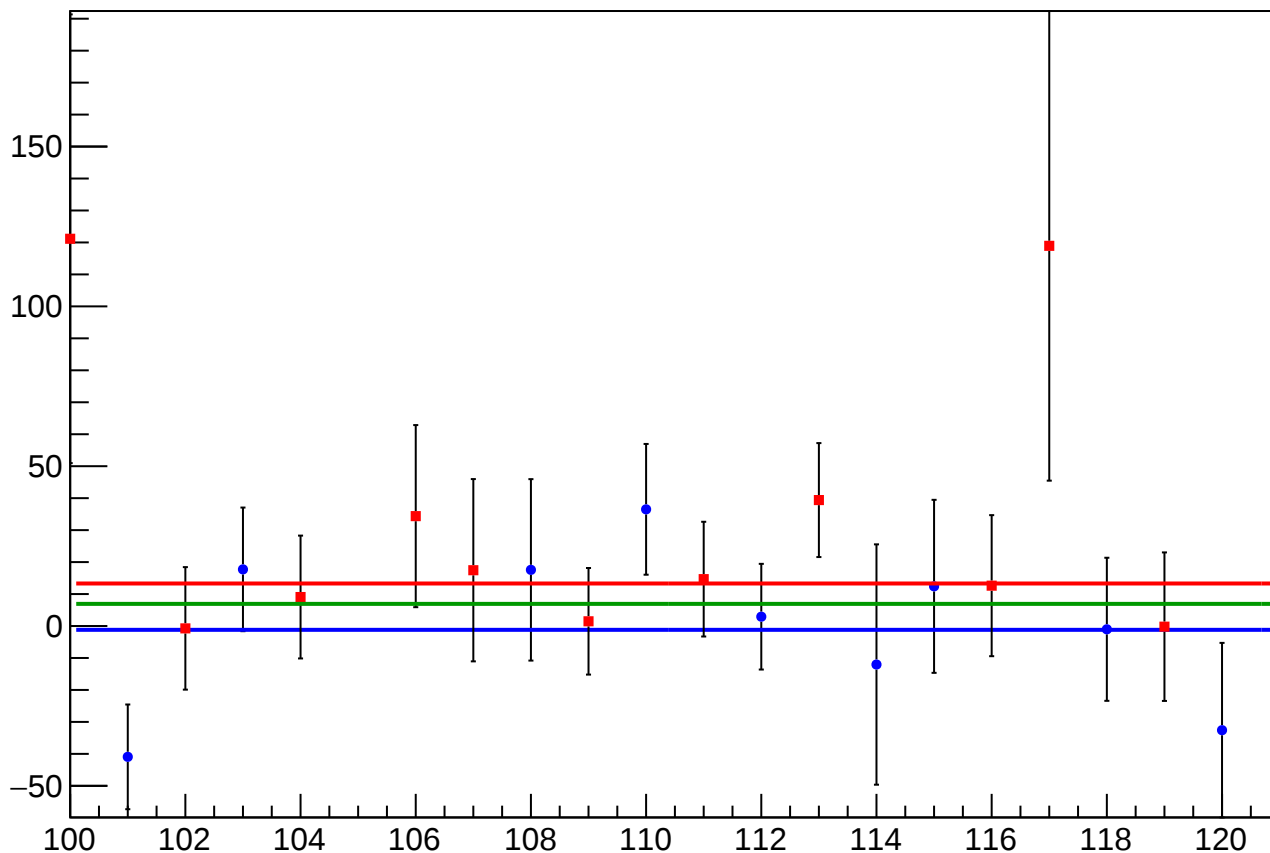
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8795.477+/-3.397 χ^2/NDF : 184732.5/8

8531.260+/-2.204 χ^2/NDF : 469791.7/20

8339.092+/-2.897 χ^2/NDF : 274607.6/11

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -1.194+/-7.235 χ^2/NDF : 12.4/8

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

Right Out: 13.304+/-6.411 χ^2/NDF : 9.3/11

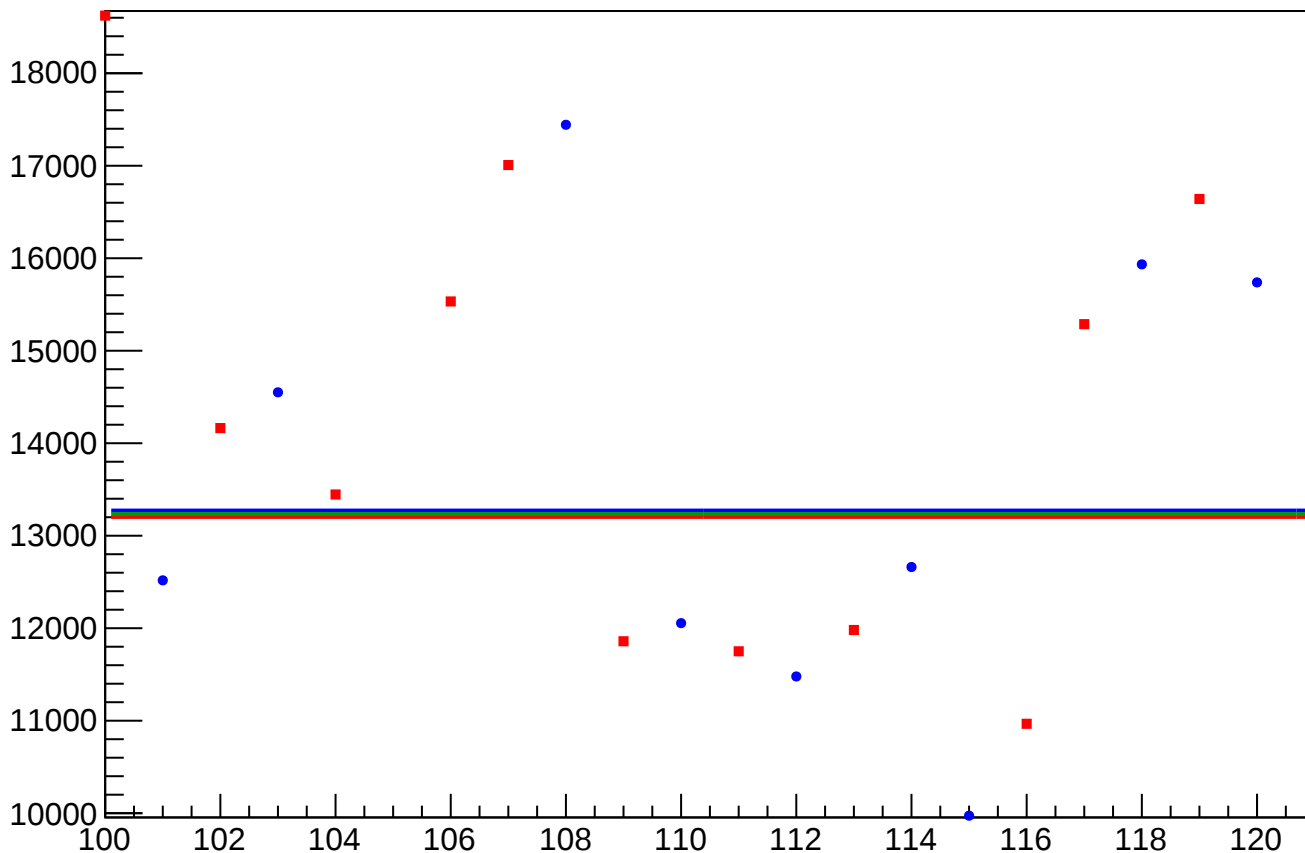
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.194+/-7.235 χ^2/NDF : 12.4/8

6.928+/-4.798 χ^2/NDF : 23.9/20

13.304+/-6.411 χ^2/NDF : 9.3/11

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13271.975+/-5.116 χ^2/NDF : 161647.9/8

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

Right Out: 13203.522+/-4.533 χ^2/NDF : 168386.1/11

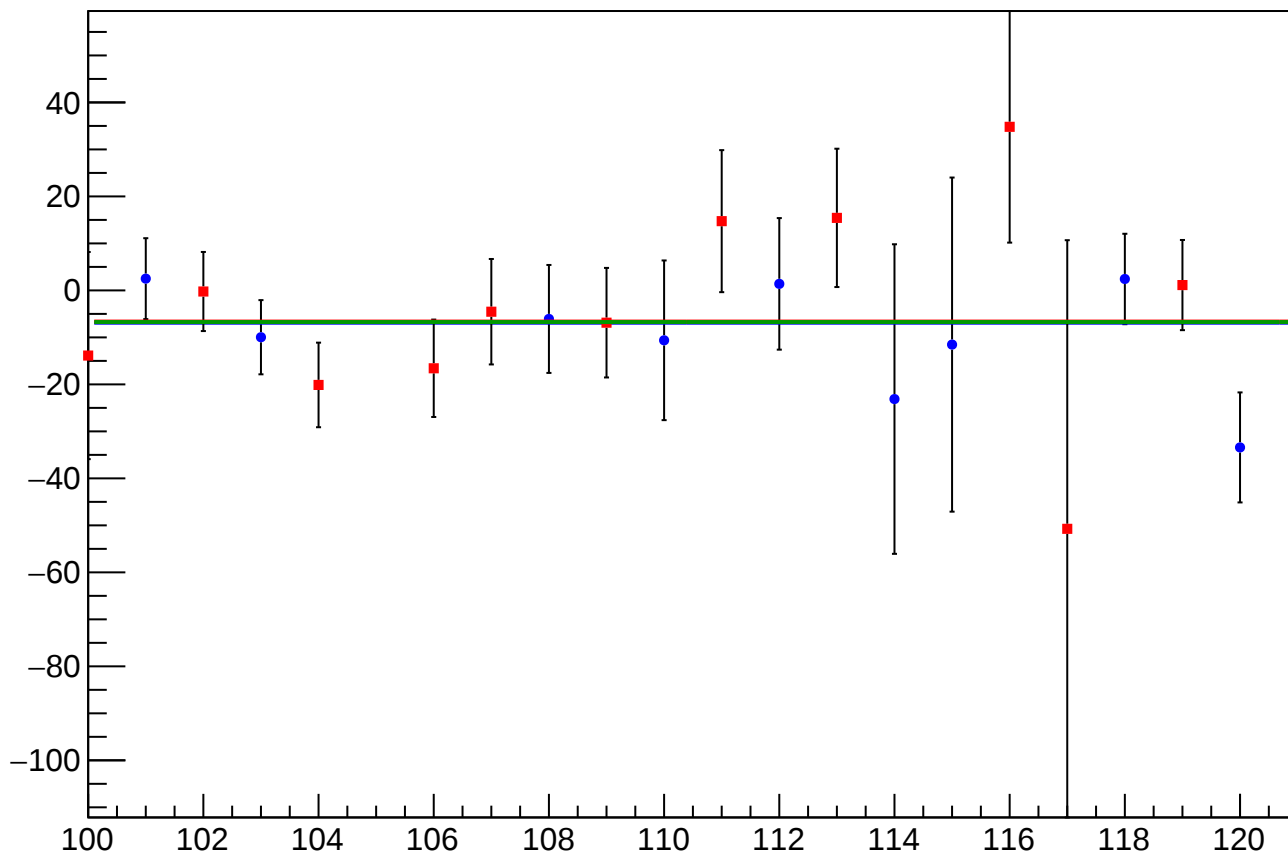
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13271.975+/-5.116 χ^2/NDF : 161647.9/8

13233.628+/-3.393 χ^2/NDF : 330134.3/20

13203.522+/-4.533 χ^2/NDF : 168386.1/11

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.867+/-3.907 χ^2 /NDF: 8.1/8

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

Right Out: -6.634+/-3.427 χ^2 /NDF: 14.9/11

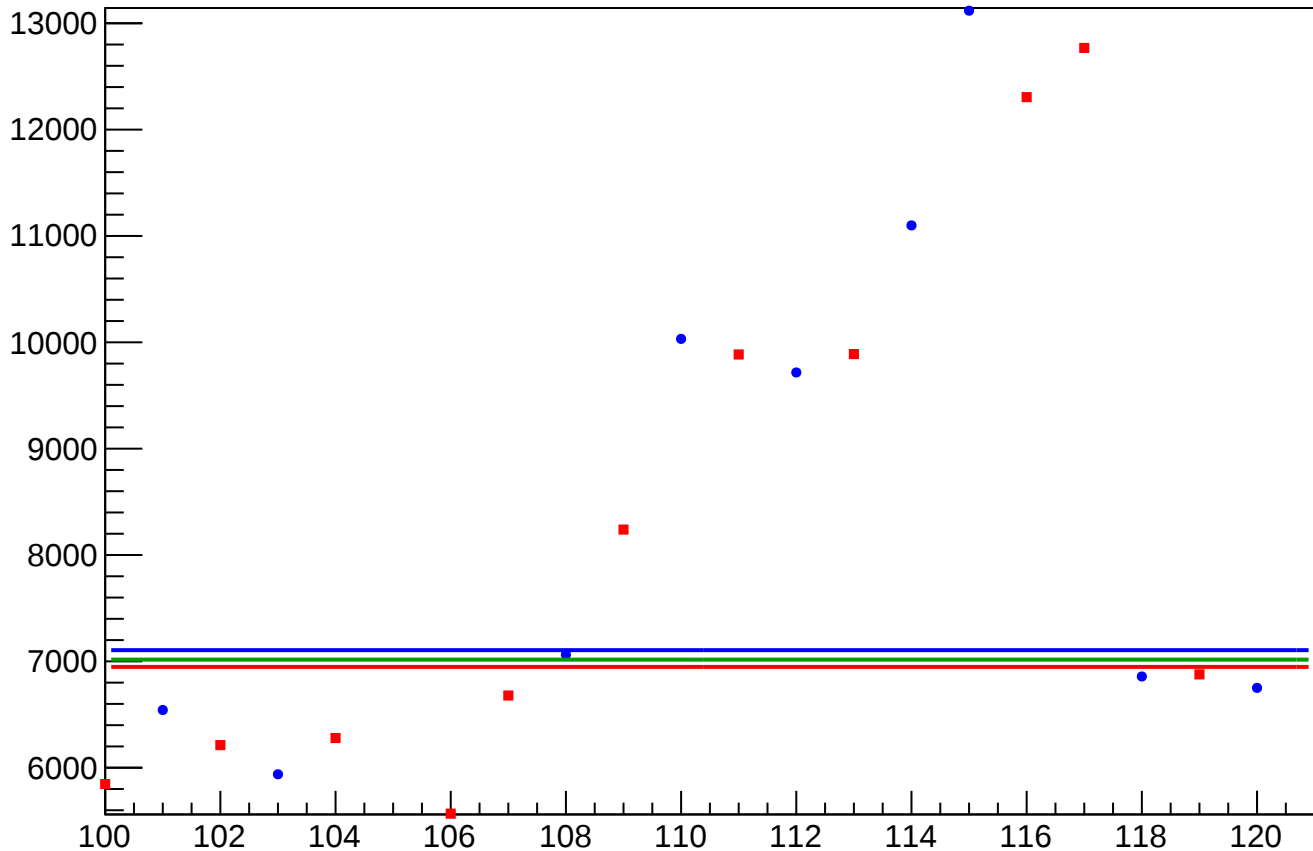
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.867+/-3.907 χ^2 /NDF: 8.1/8

-6.736+/-2.576 χ^2 /NDF: 23.0/20

-6.634+/-3.427 χ^2 /NDF: 14.9/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7105.418+/-2.763 χ^2/NDF : 270982.9/8

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

Right Out: 6947.857+/-2.423 χ^2/NDF : 378681.3/11

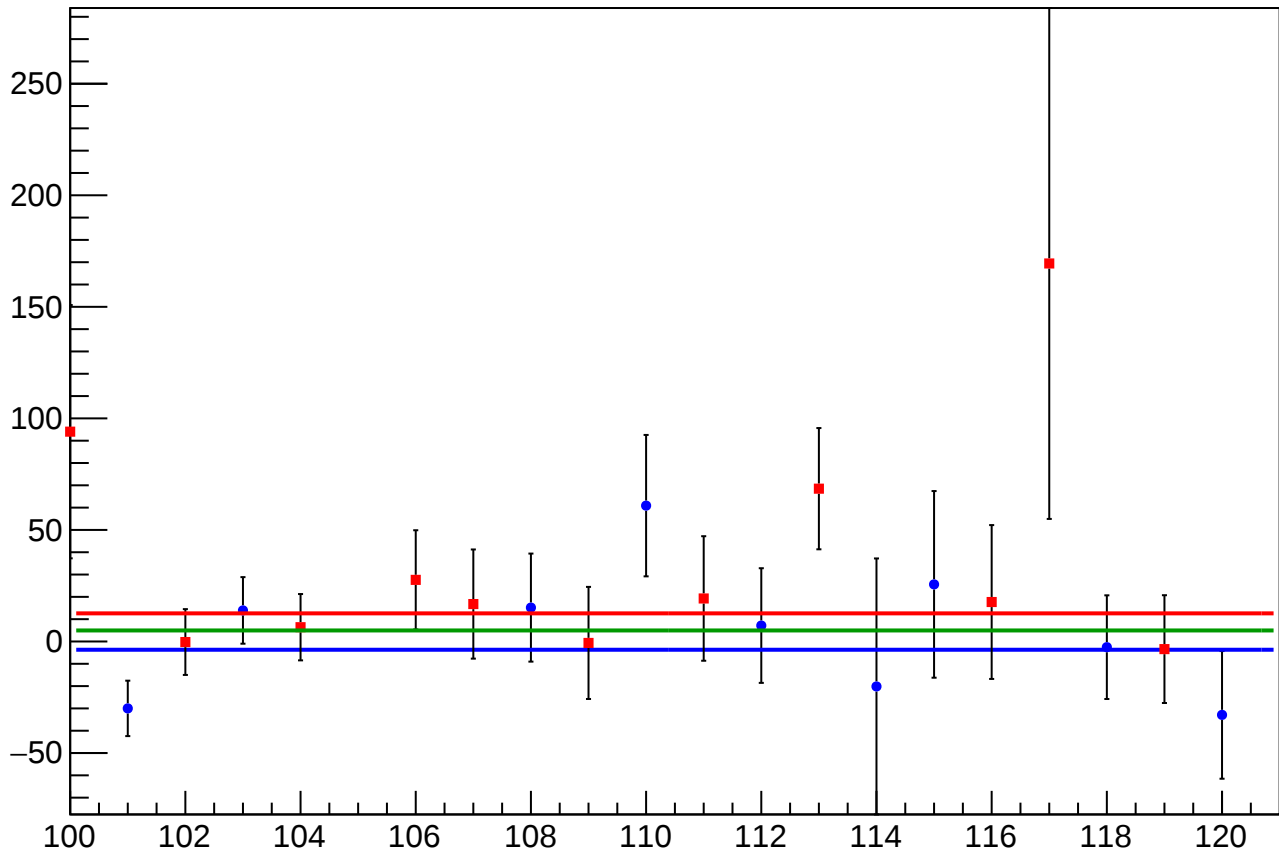
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7105.418+/-2.763 χ^2/NDF : 270982.9/8

7016.354+/-1.822 χ^2/NDF : 651502.7/20

6947.857+/-2.423 χ^2/NDF : 378681.3/11

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.706+/-7.229 χ^2/NDF : 12.4/8

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

Right Out: 12.605+/-6.804 χ^2/NDF : 10.8/11

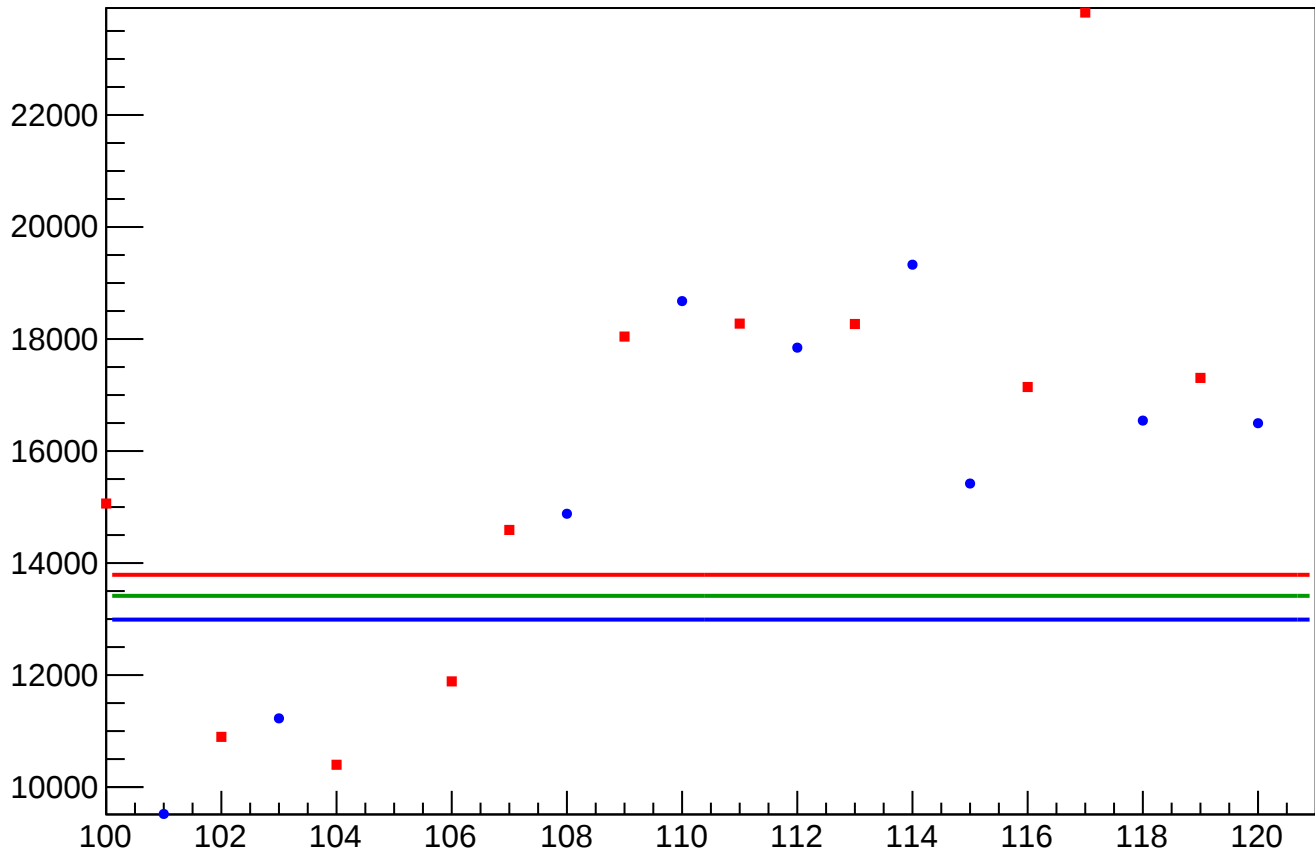
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.706+/-7.229 χ^2/NDF : 12.4/8

4.942+/-4.955 χ^2/NDF : 26.0/20

12.605+/-6.804 χ^2/NDF : 10.8/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12990.509+/-5.111 χ^2/NDF : 439979.2/8

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

Right Out: 13790.230+/-4.811 χ^2/NDF : 447154.2/11

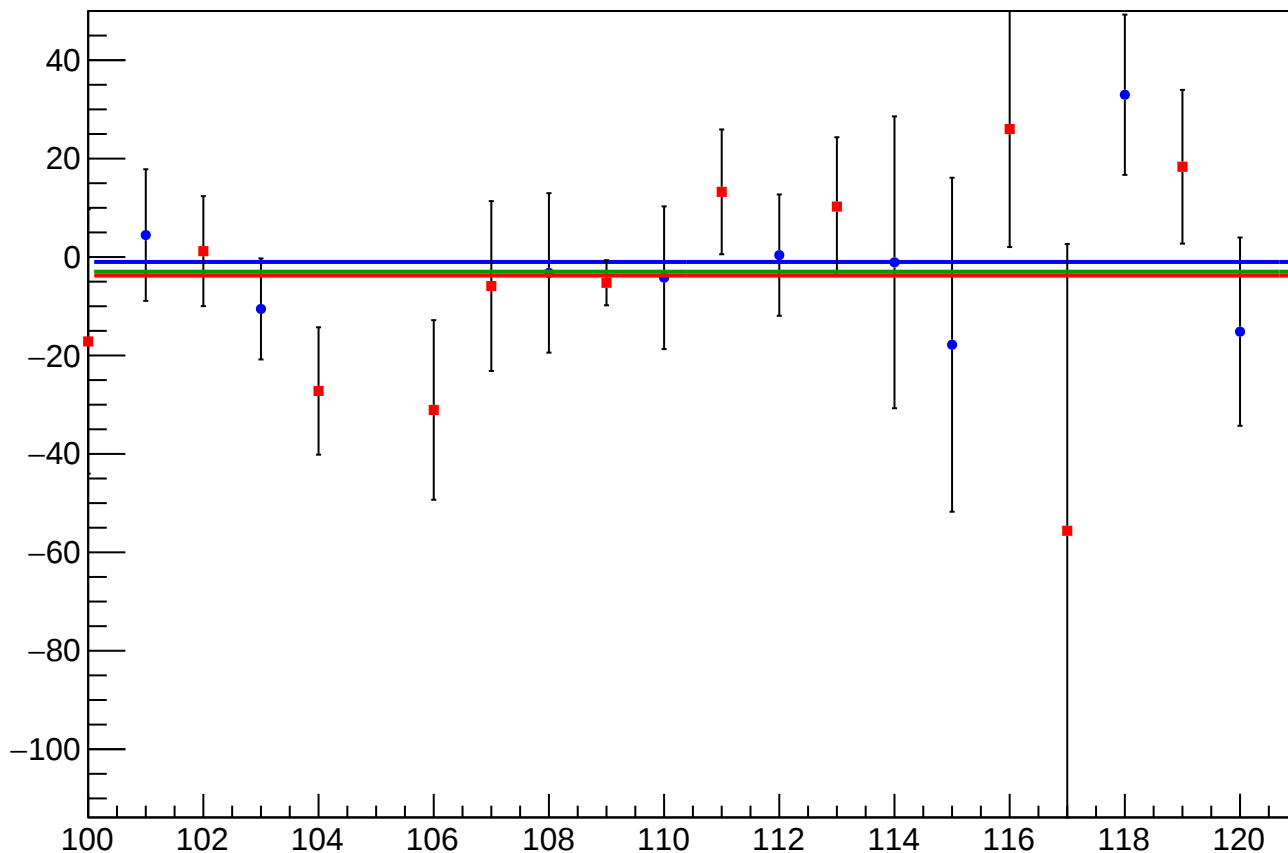
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12990.509+/-5.111 χ^2/NDF : 439979.2/8

13414.531+/-3.503 χ^2/NDF : 900112.5/20

13790.230+/-4.811 χ^2/NDF : 447154.2/11

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.997 ± 5.079 χ^2/NDF : 6.3/8

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

Right Out: -3.768 ± 3.204 χ^2/NDF : 13.3/11

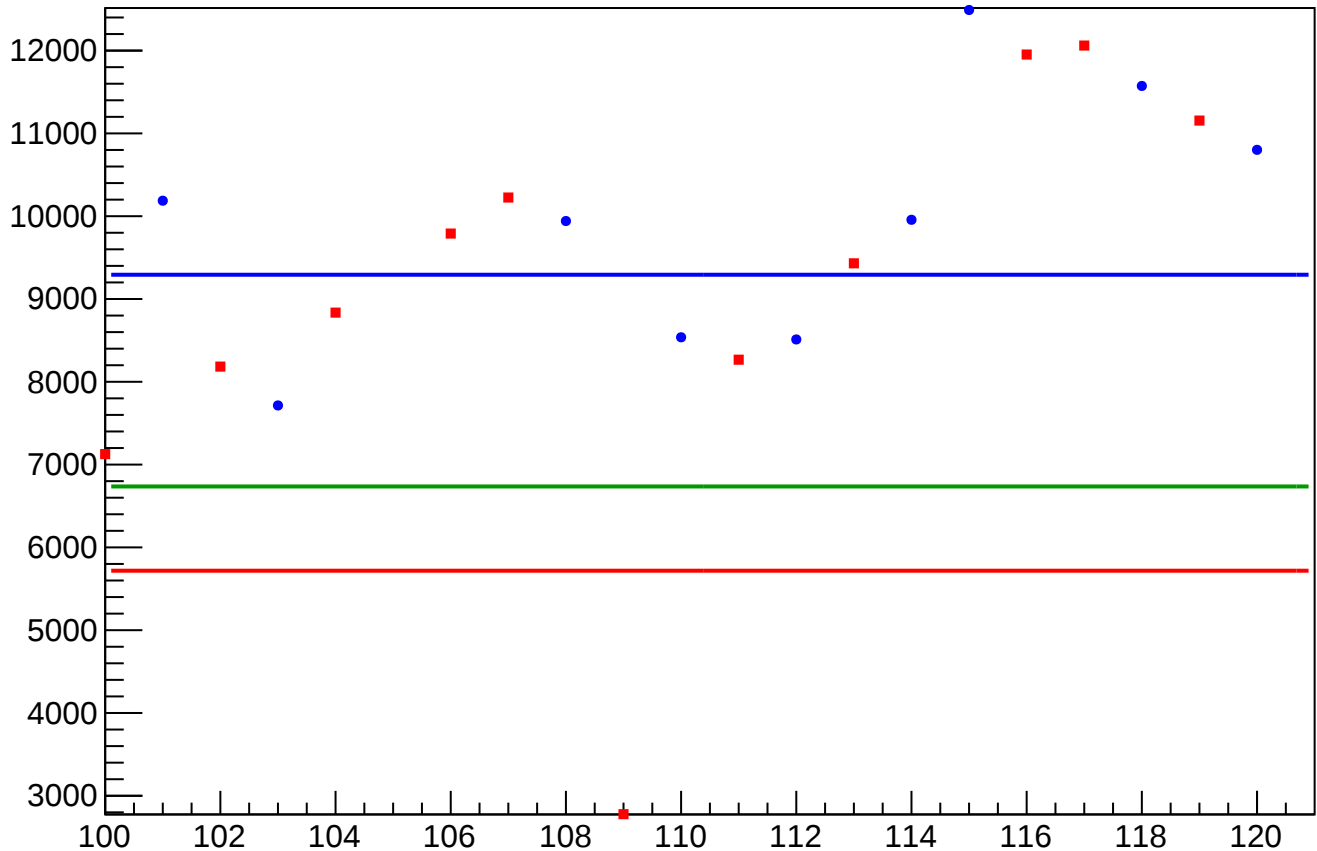
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.997 ± 5.079 χ^2/NDF : 6.3/8

-2.980 ± 2.710 χ^2/NDF : 19.8/20

-3.768 ± 3.204 χ^2/NDF : 13.3/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 9292.995+/-3.592 χ^2/NDF : 143428.6/8

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

Right Out: 5718.391+/-2.265 χ^2/NDF : 1903388.5/11

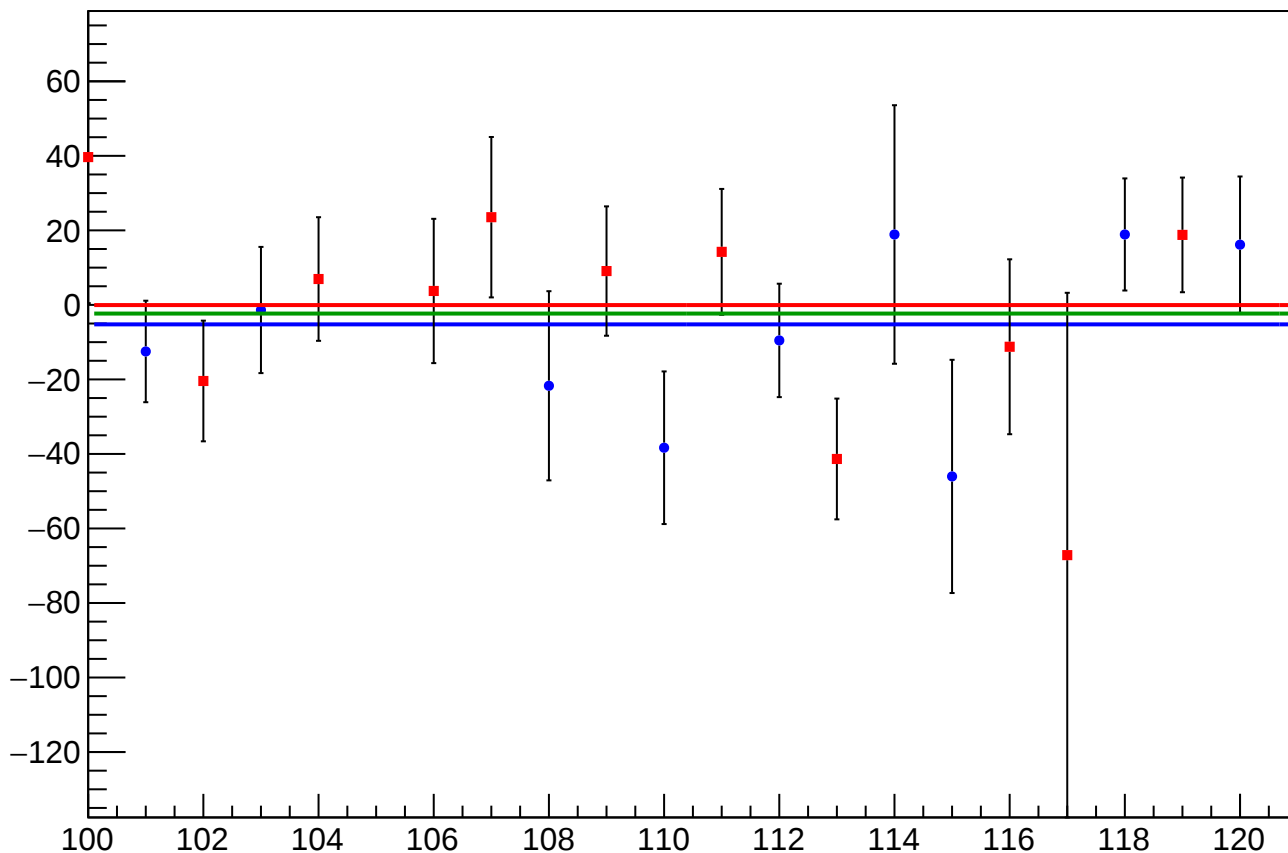
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9292.995+/-3.592 χ^2/NDF : 143428.6/8

6735.812+/-1.916 χ^2/NDF : 2755475.3/20

5718.391+/-2.265 χ^2/NDF : 1903388.5/11

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -5.227+/-6.156 χ^2/NDF : 9.6/8

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

Right Out: -0.049+/-5.458 χ^2/NDF : 14.2/11

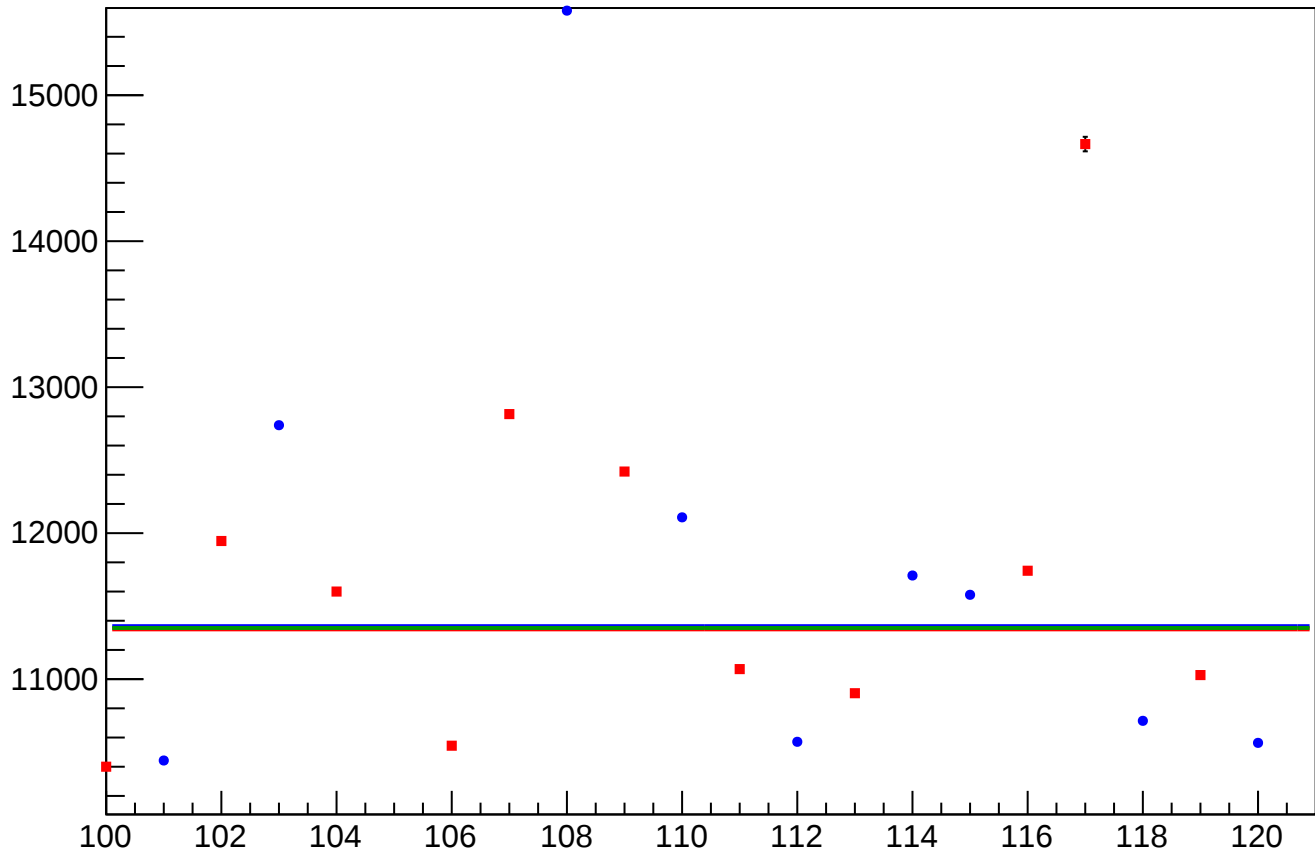
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.227+/-6.156 χ^2/NDF : 9.6/8

-2.328+/-4.084 χ^2/NDF : 24.1/20

-0.049+/-5.458 χ^2/NDF : 14.2/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11362.782 $\pm$ 4.353 χ^2 /NDF: 93419.2/8

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

Right Out: 11341.156 $\pm$ 3.859 χ^2 /NDF: 44712.6/11

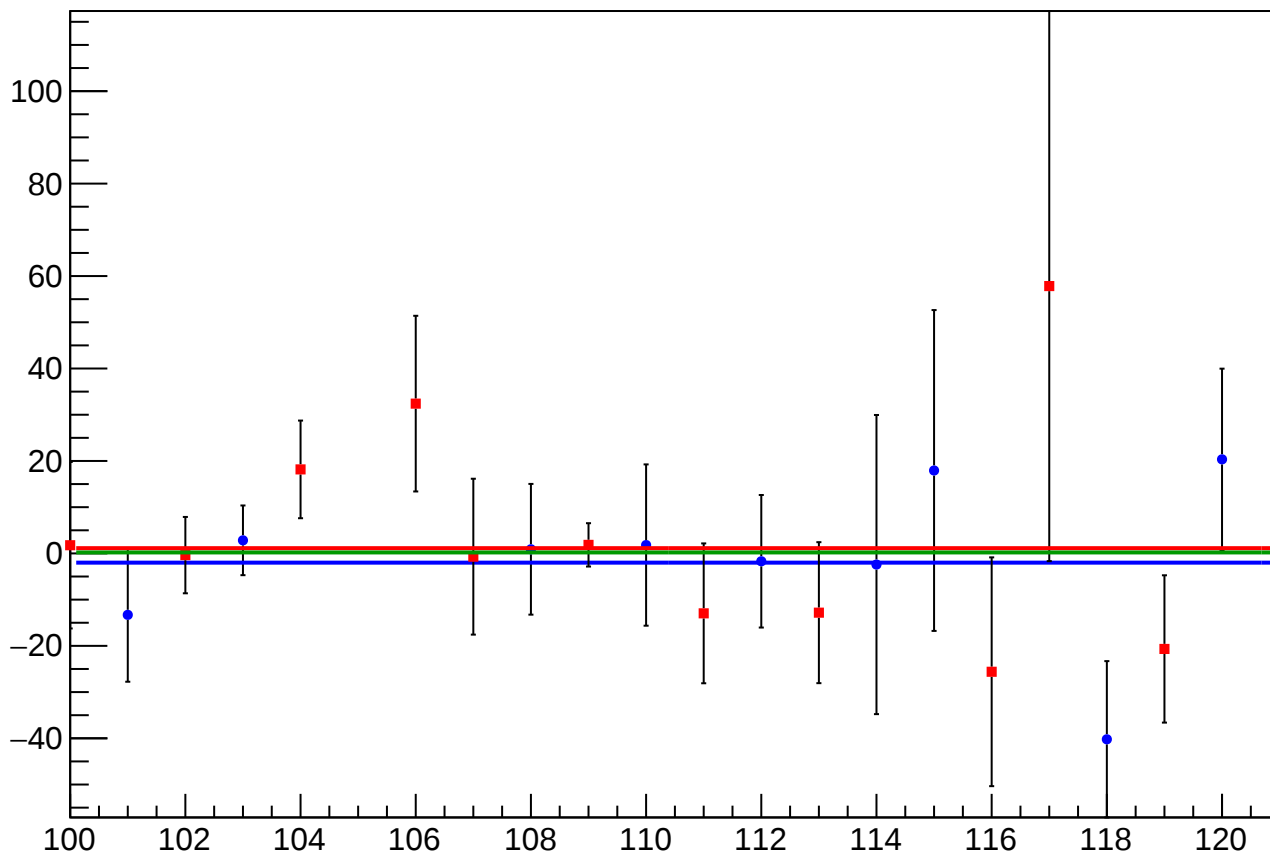
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11362.782 $\pm$ 4.353 χ^2 /NDF: 93419.2/8

11350.674 $\pm$ 2.888 χ^2 /NDF: 138145.6/20

11341.156 $\pm$ 3.859 χ^2 /NDF: 44712.6/11

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.998 $\pm$ 4.800 χ^2/NDF : 7.8/8

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

Right Out: 1.134 $\pm$ 3.106 χ^2/NDF : 11.0/11

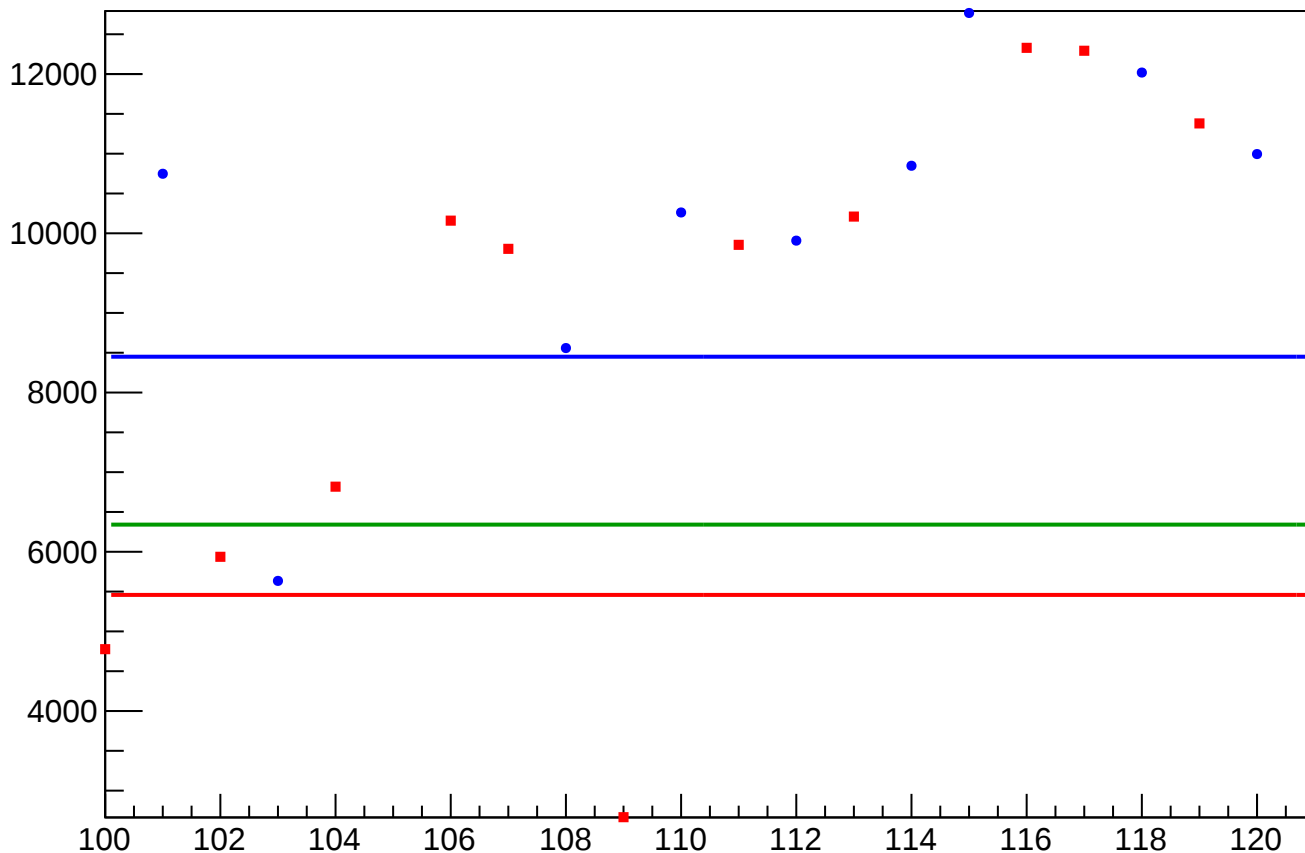
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.998 $\pm$ 4.800 χ^2/NDF : 7.8/8

0.210 $\pm$ 2.607 χ^2/NDF : 19.2/20

1.134 $\pm$ 3.106 χ^2/NDF : 11.0/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8450.003+/-3.394 χ^2/NDF : 536494.2/8

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

Right Out: 5458.261+/-2.196 χ^2/NDF : 1832983.2/11

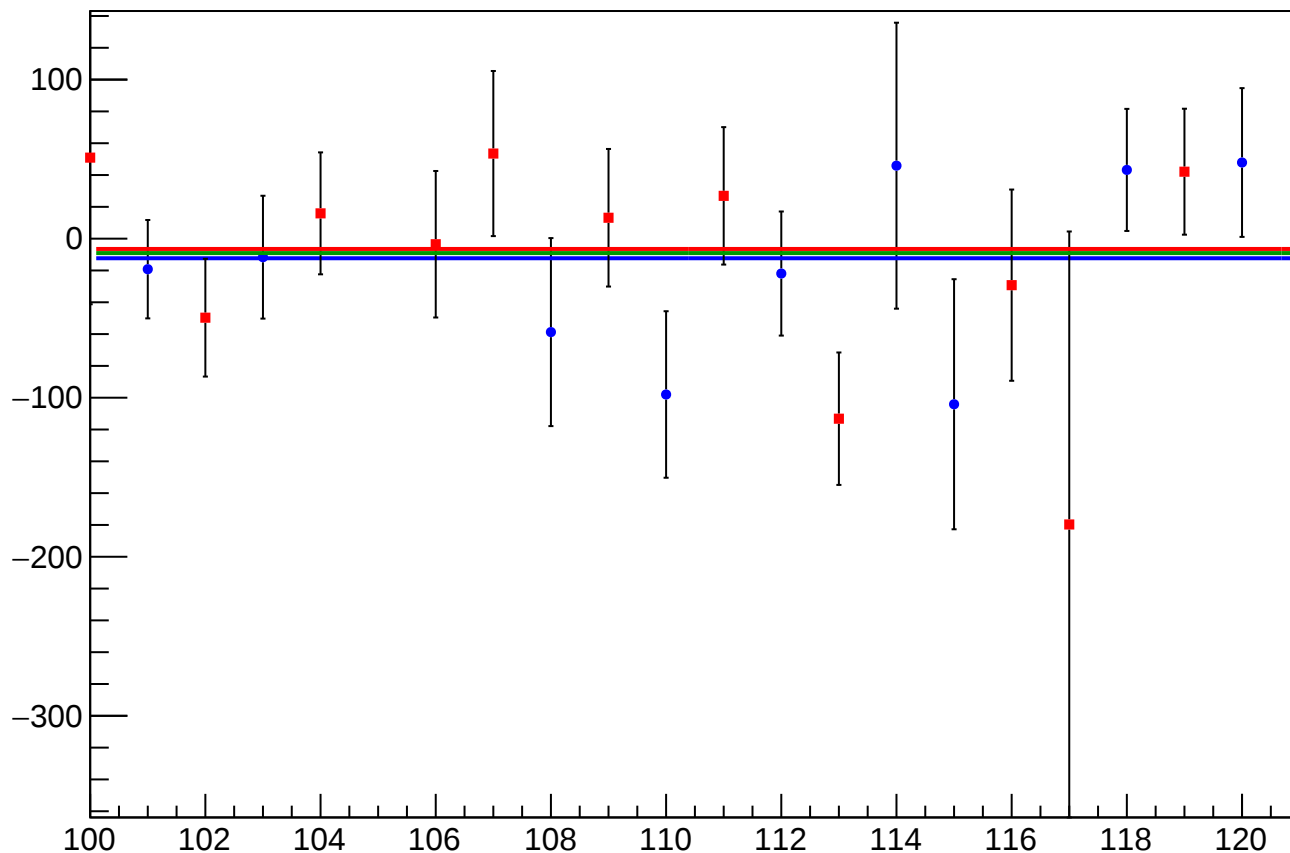
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8450.003+/-3.394 χ^2/NDF : 536494.2/8

6341.170+/-1.844 χ^2/NDF : 2917180.2/20

5458.261+/-2.196 χ^2/NDF : 1832983.2/11

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -12.326+/-14.998 χ^2/NDF : 8.9/8

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

Right Out: -6.476+/-13.422 χ^2/NDF : 13.3/11

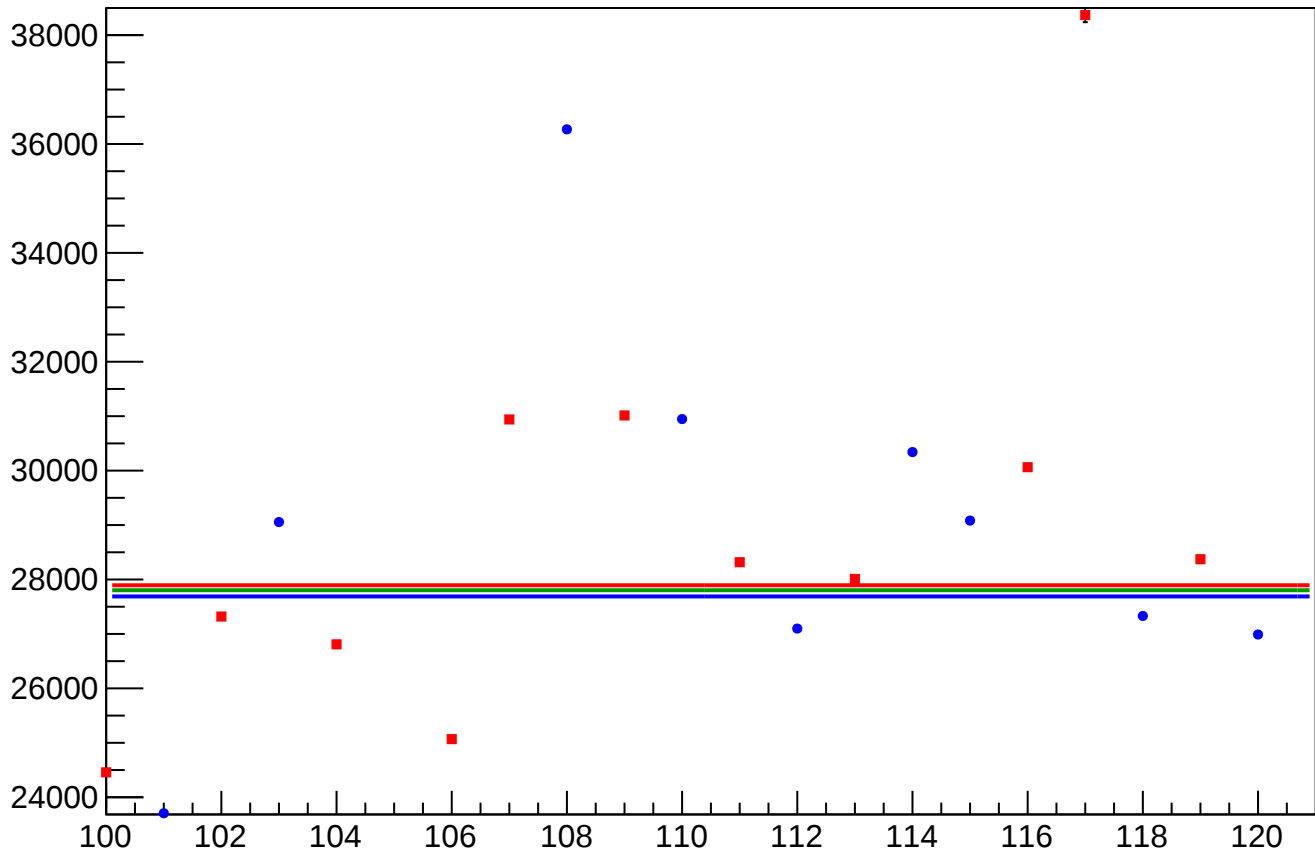
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.326+/-14.998 χ^2/NDF : 8.9/8

-9.077+/-10.002 χ^2/NDF : 22.4/20

-6.476+/-13.422 χ^2/NDF : 13.3/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27688.779+/-10.605 χ^2/NDF : 89019.8/8

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

Right Out: 27893.744+/-9.491 χ^2/NDF : 46024.1/11

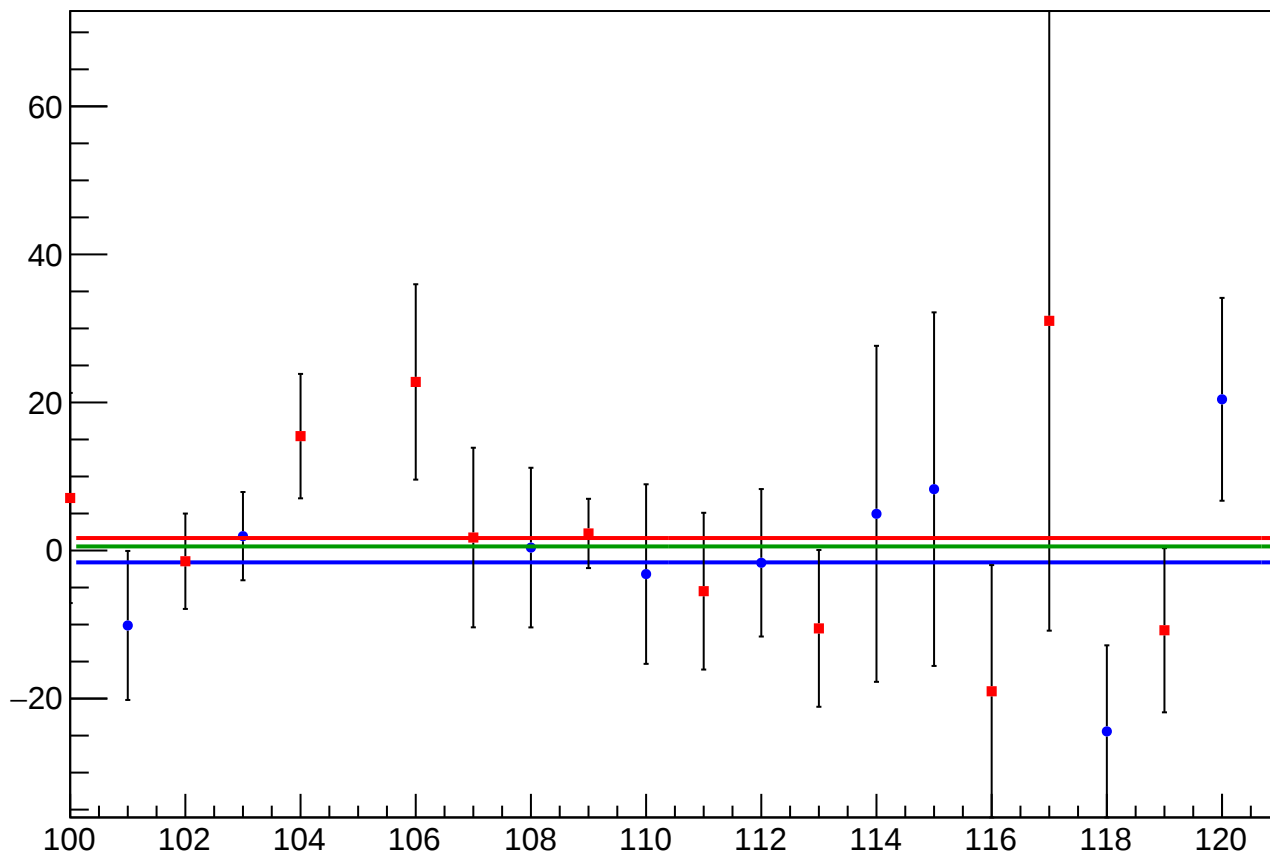
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27688.779+/-10.605 χ^2/NDF : 89019.8/8

27802.590+/-7.072 χ^2/NDF : 135251.3/20

27893.744+/-9.491 χ^2/NDF : 46024.1/11

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.602 $\pm$ 3.538 χ^2 /NDF: 7.8/8

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

Right Out: 1.687 $\pm$ 2.566 χ^2 /NDF: 10.7/11

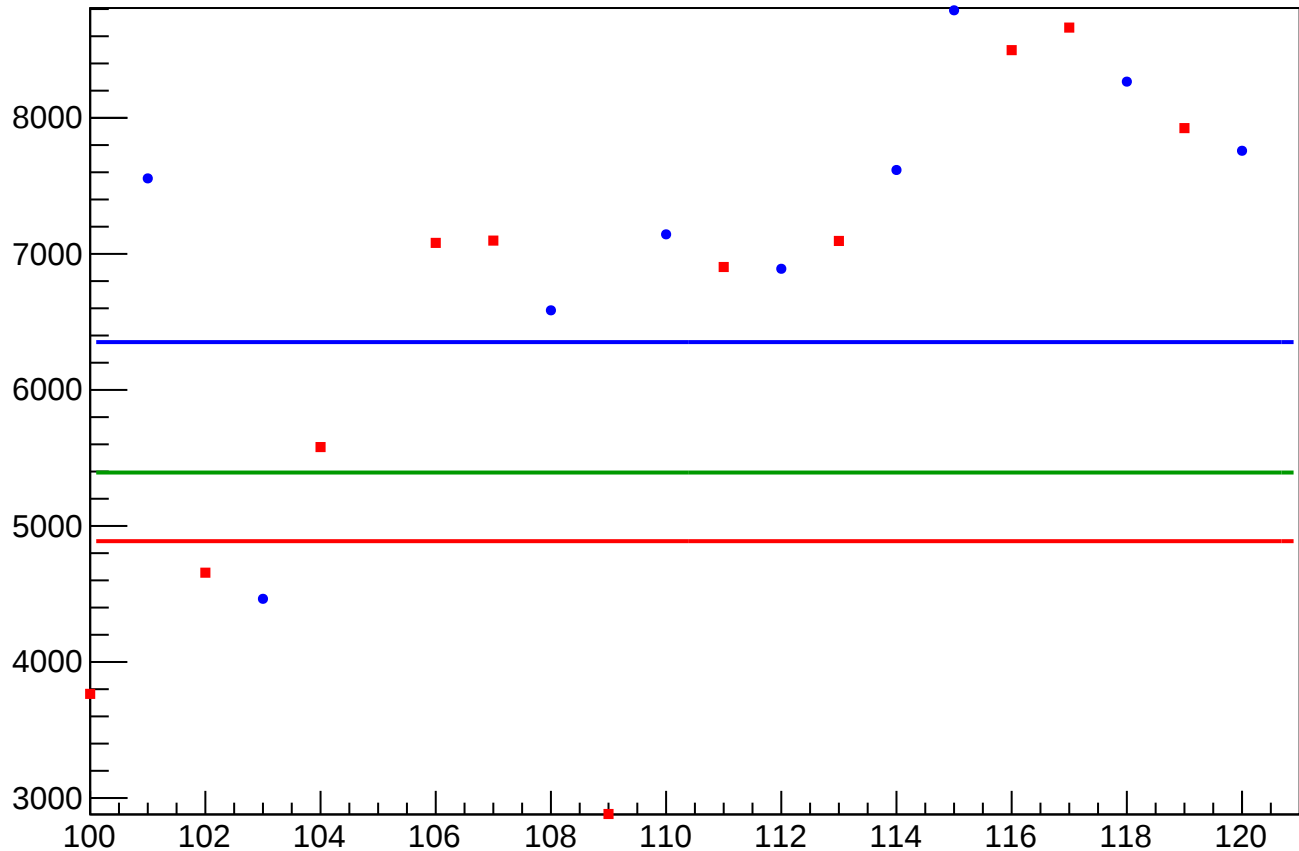
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.602 $\pm$ 3.538 χ^2 /NDF: 7.8/8

0.553 $\pm$ 2.077 χ^2 /NDF: 19.1/20

1.687 $\pm$ 2.566 χ^2 /NDF: 10.7/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6351.569+/-2.501 χ^2/NDF : 346773.6/8

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

Right Out: 4888.169+/-1.815 χ^2/NDF : 946089.2/11

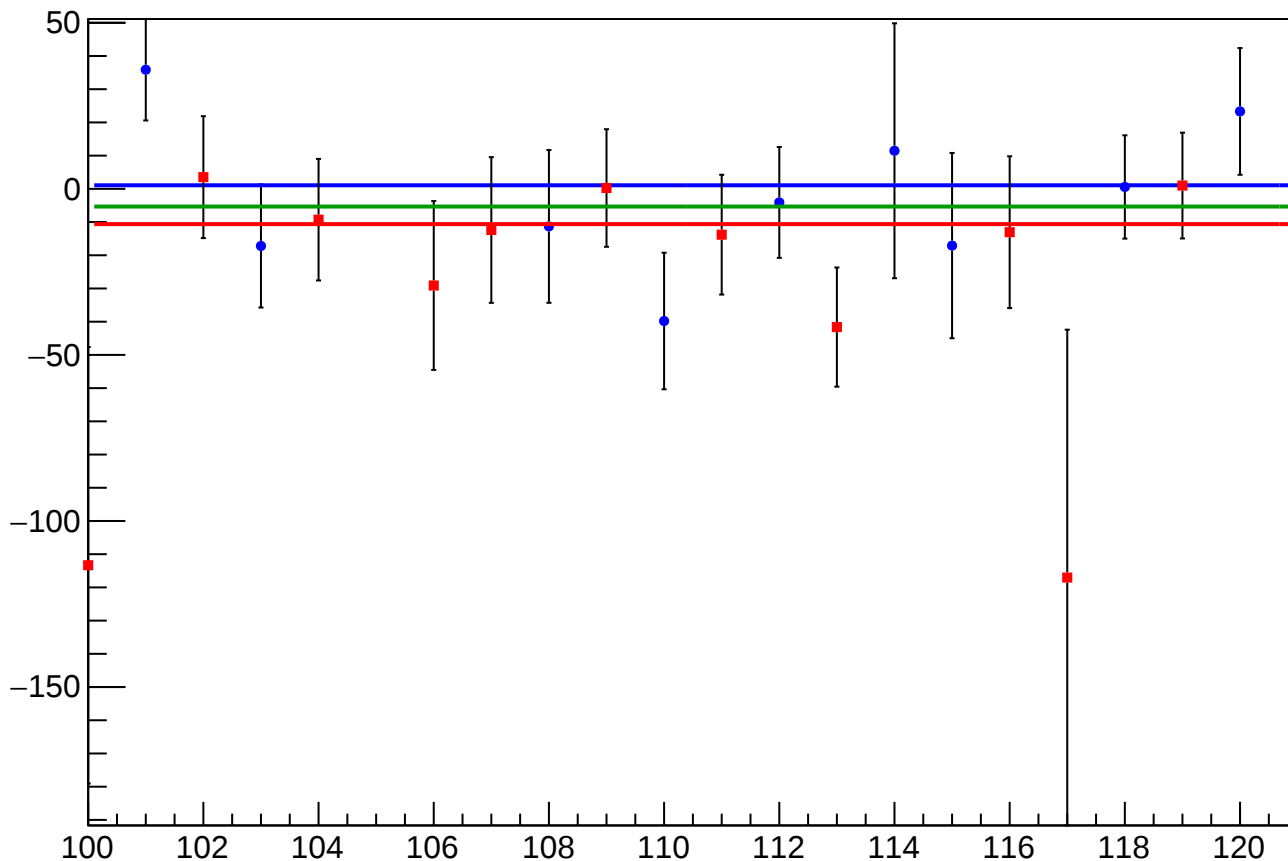
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6351.569+/-2.501 χ^2/NDF : 346773.6/8

5392.776+/-1.469 χ^2/NDF : 1517108.1/20

4888.169+/-1.815 χ^2/NDF : 946089.2/11

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 1.074+/-6.470 χ^2/NDF : 12.4/8

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

Right Out: -10.621+/-5.881 χ^2/NDF : 10.5/11

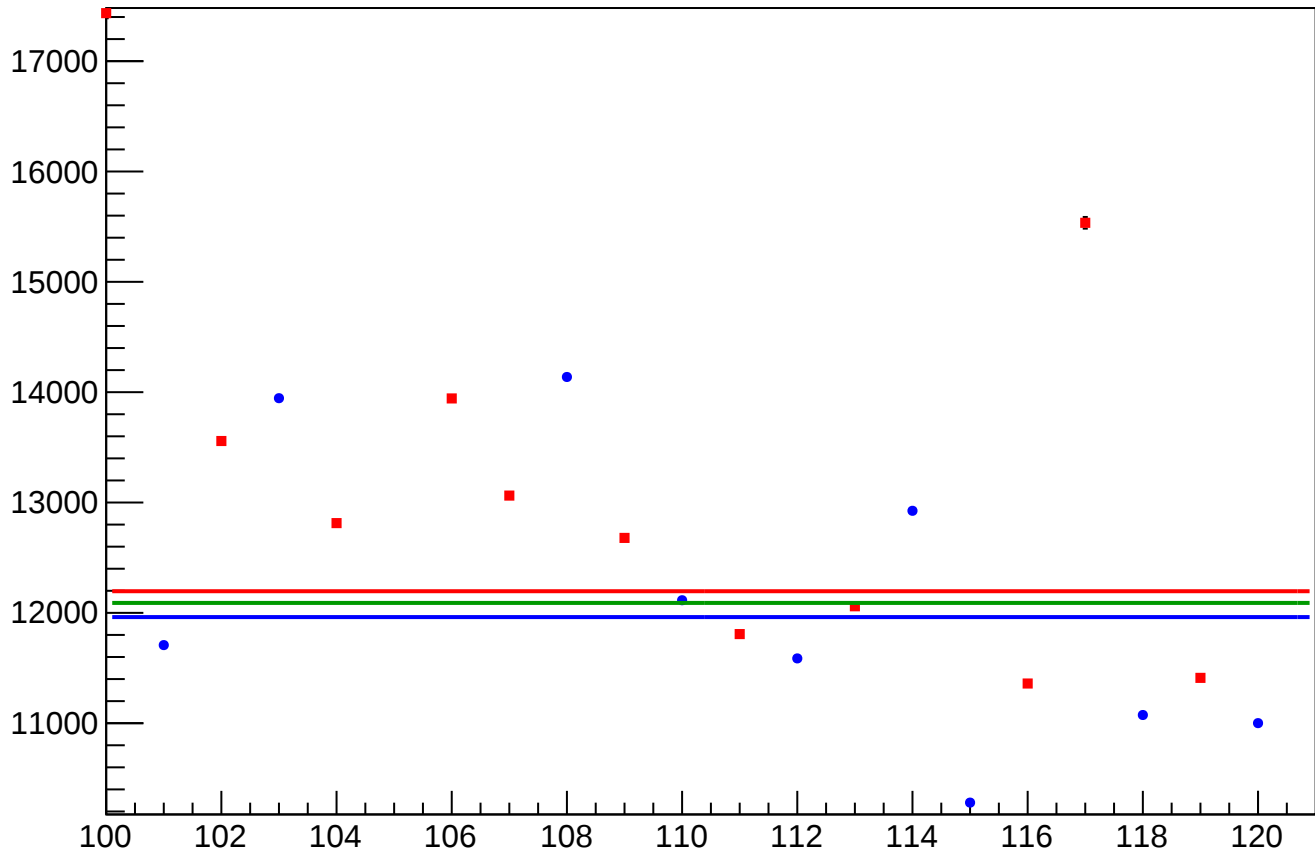
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.074+/-6.470 χ^2/NDF : 12.4/8

-5.331+/-4.352 χ^2/NDF : 24.6/20

-10.621+/-5.881 χ^2/NDF : 10.5/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11961.738 $\pm$ 4.575 χ^2 /NDF: 62573.5/8

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

Right Out: 12196.106 $\pm$ 4.158 χ^2 /NDF: 82533.4/11

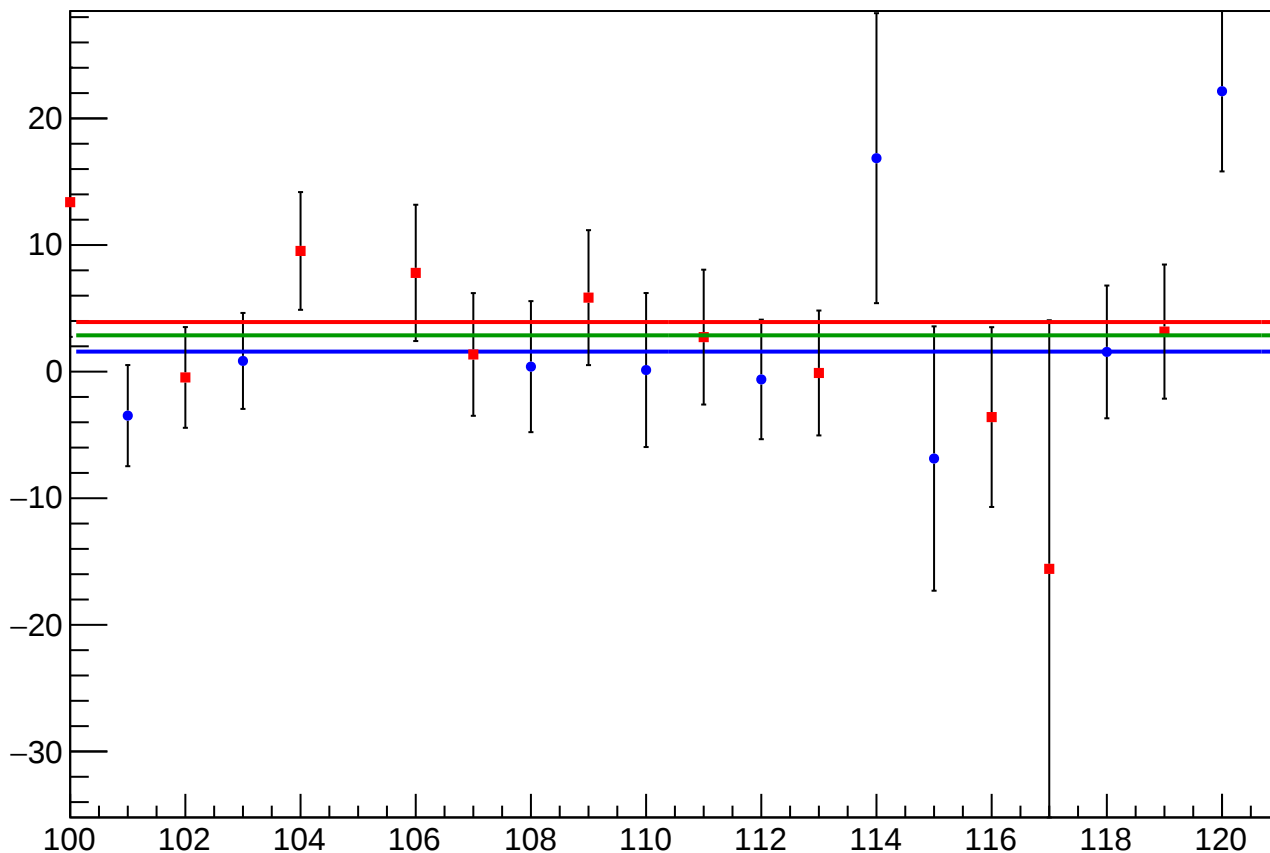
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11961.738 $\pm$ 4.575 χ^2 /NDF: 62573.5/8

12090.084 $\pm$ 3.077 χ^2 /NDF: 146543.9/20

12196.106 $\pm$ 4.158 χ^2 /NDF: 82533.4/11

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.582+/-1.769 χ^2/NDF : 14.9/8

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

Right Out: 3.916+/-1.599 χ^2/NDF : 10.1/11

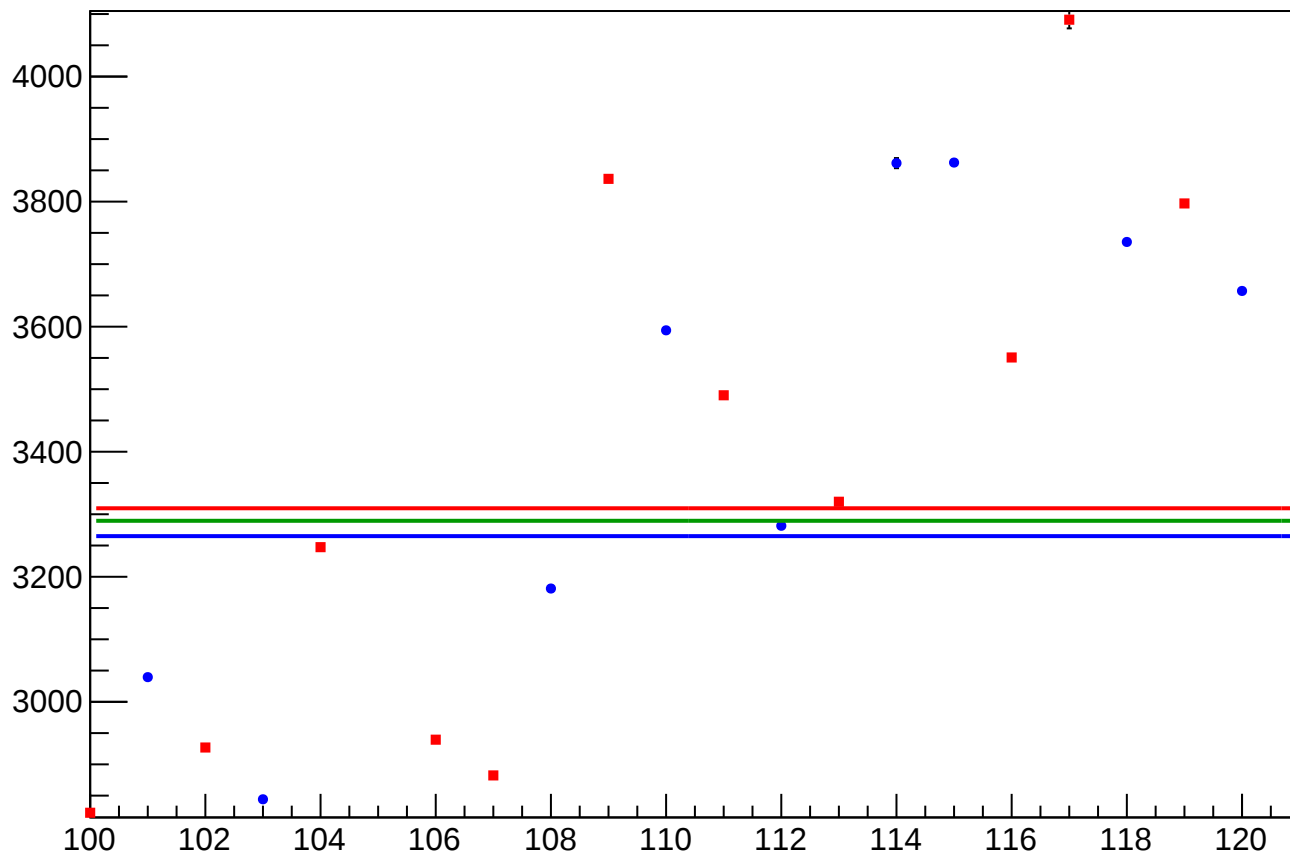
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.582+/-1.769 χ^2/NDF : 14.9/8

2.867+/-1.186 χ^2/NDF : 26.0/20

3.916+/-1.599 χ^2/NDF : 10.1/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3265.012 $\pm$ 1.251 χ^2 /NDF: 73188.7/8

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

Right Out: 3309.569 $\pm$ 1.130 χ^2 /NDF: 104724.0/11

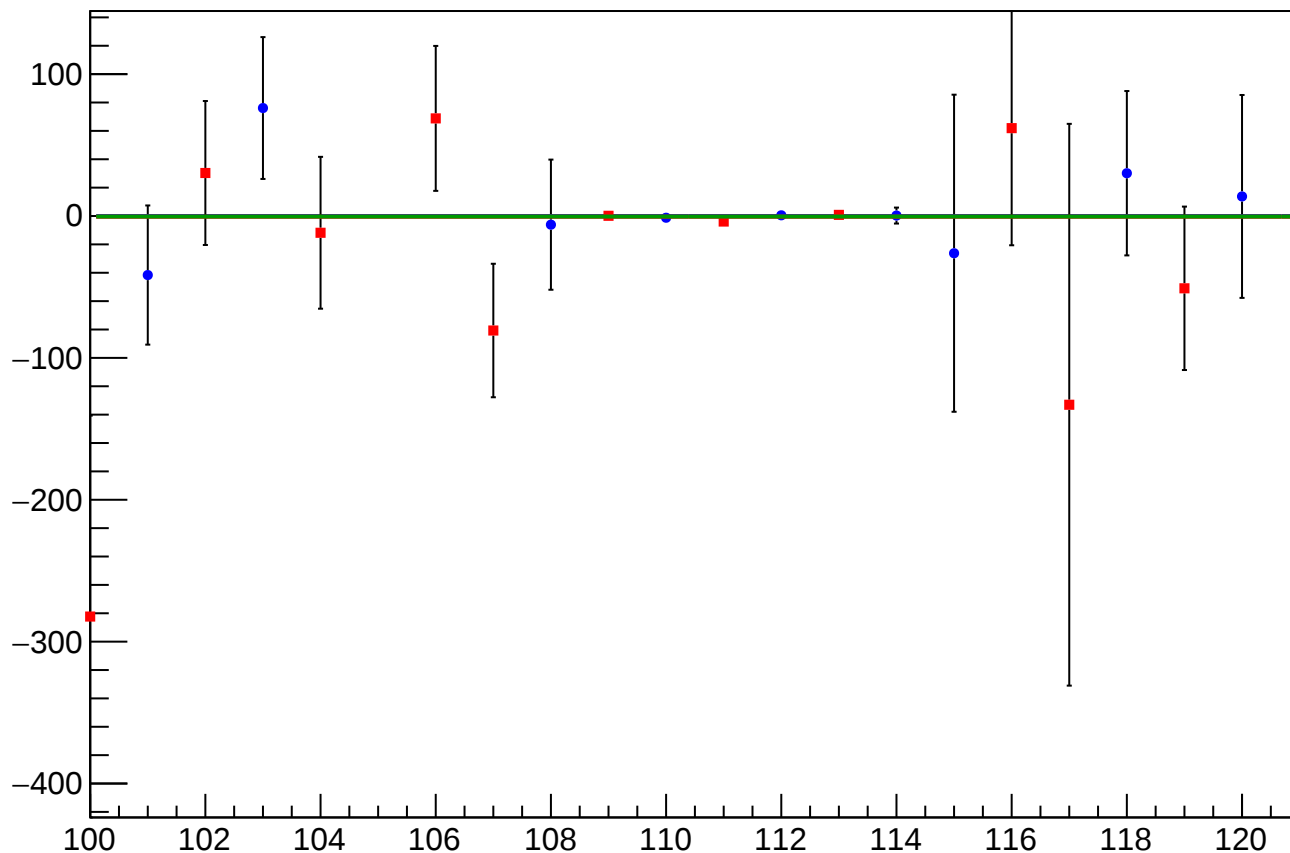
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3265.012 $\pm$ 1.251 χ^2 /NDF: 73188.7/8

3289.537 $\pm$ 0.839 χ^2 /NDF: 178611.3/20

3309.569 $\pm$ 1.130 χ^2 /NDF: 104724.0/11

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.074+/-1.873 χ^2 /NDF: 3.6/8

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

Right Out: -0.475+/-1.170 χ^2 /NDF: 13.0/11

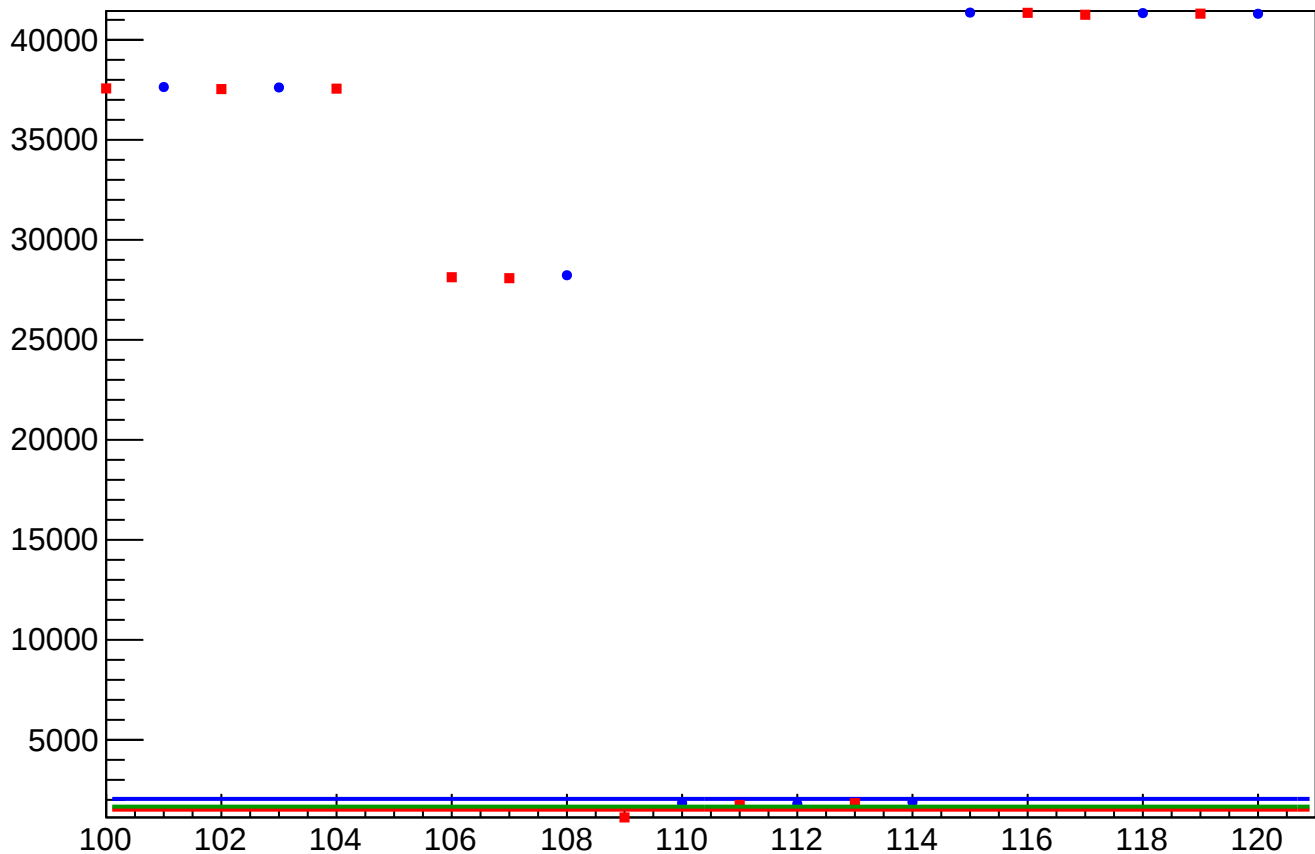
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.074+/-1.873 χ^2 /NDF: 3.6/8

-0.363+/-0.992 χ^2 /NDF: 16.7/20

-0.475+/-1.170 χ^2 /NDF: 13.0/11

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 2048.497+/-1.325 χ^2/NDF : 4517363.7/8

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

Right Out: 1509.806+/-0.827 χ^2/NDF : 4877868.8/11

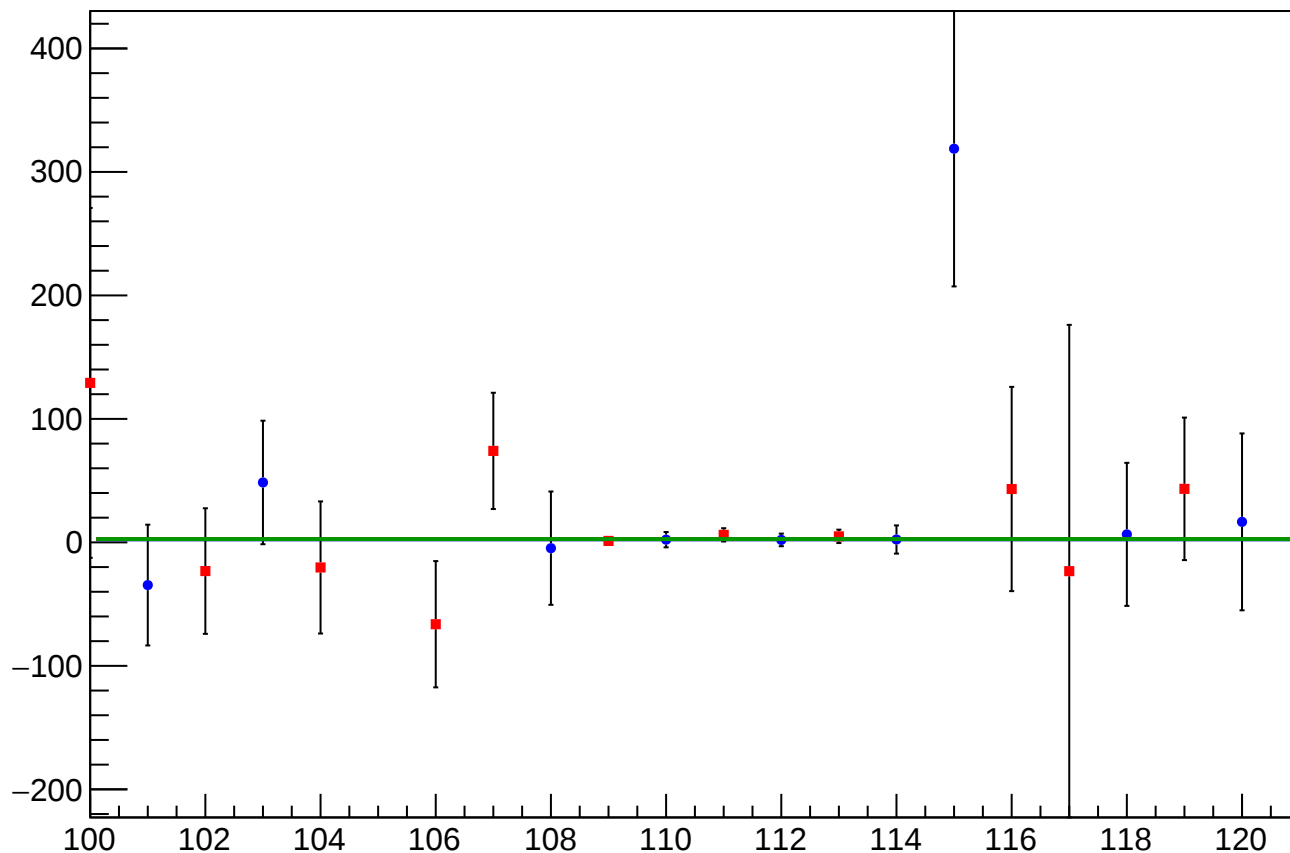
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2048.497+/-1.325 χ^2/NDF : 4517363.7/8

1660.976+/-0.702 χ^2/NDF : 9514207.3/20

1509.806+/-0.827 χ^2/NDF : 4877868.8/11

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.499+/-3.684 χ^2/NDF : 9.5/8

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

Right Out: 2.711+/-2.002 χ^2/NDF : 7.0/11

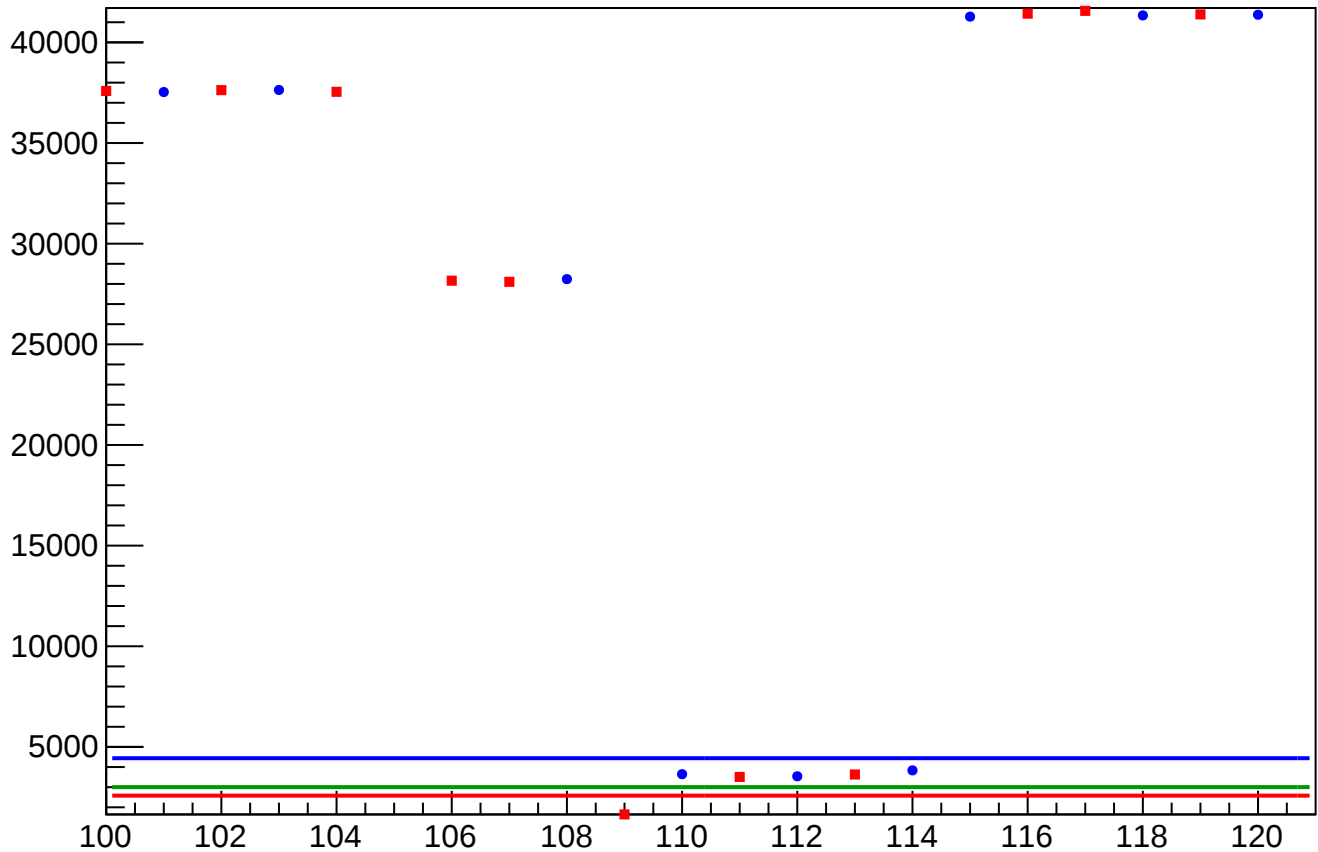
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.499+/-3.684 χ^2/NDF : 9.5/8

2.662+/-1.759 χ^2/NDF : 16.5/20

2.711+/-2.002 χ^2/NDF : 7.0/11

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 4439.333+/-2.605 χ^2/NDF : 3996661.3/8

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

Right Out: 2579.717+/-1.416 χ^2/NDF : 4815331.4/11

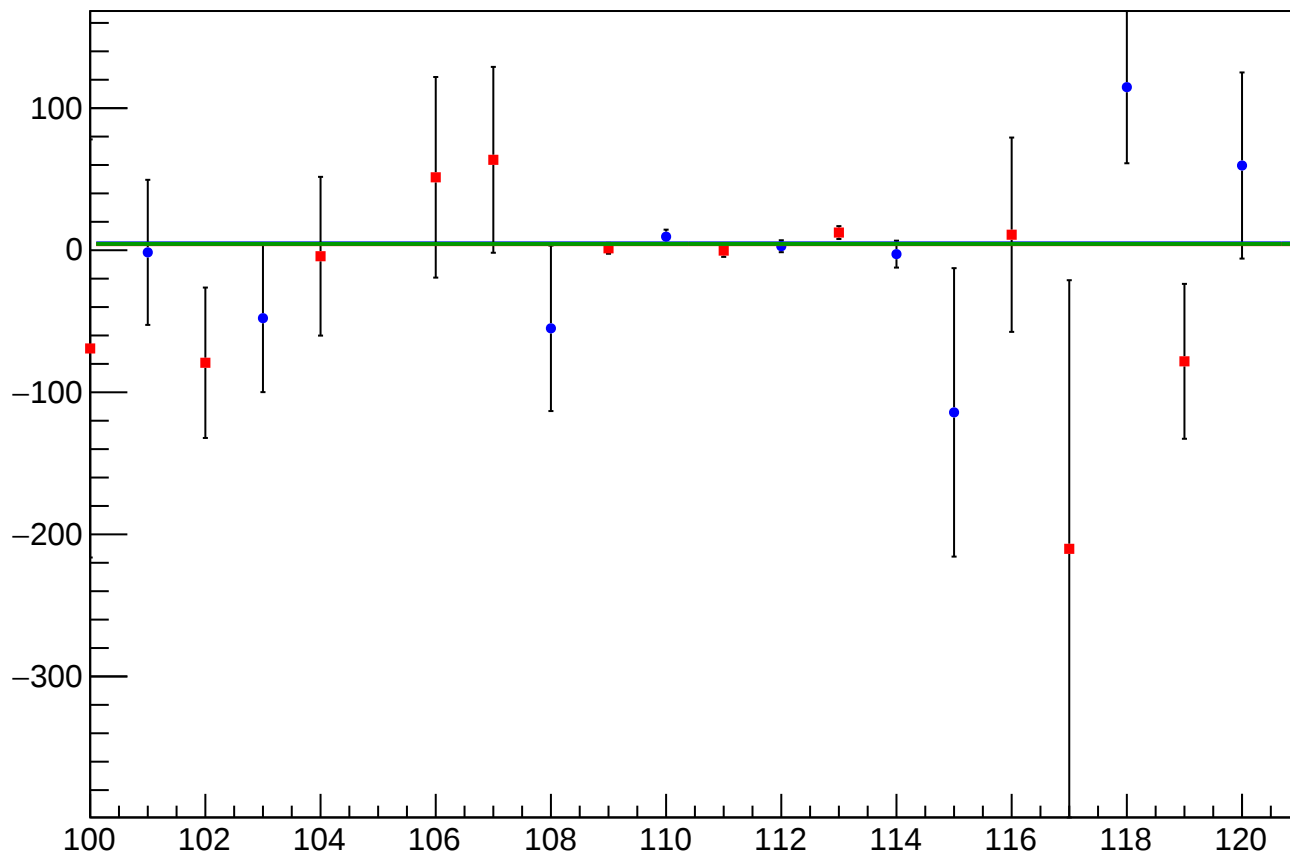
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4439.333+/-2.605 χ^2/NDF : 3996661.3/8

3003.858+/-1.244 χ^2/NDF : 9205476.6/20

2579.717+/-1.416 χ^2/NDF : 4815331.4/11

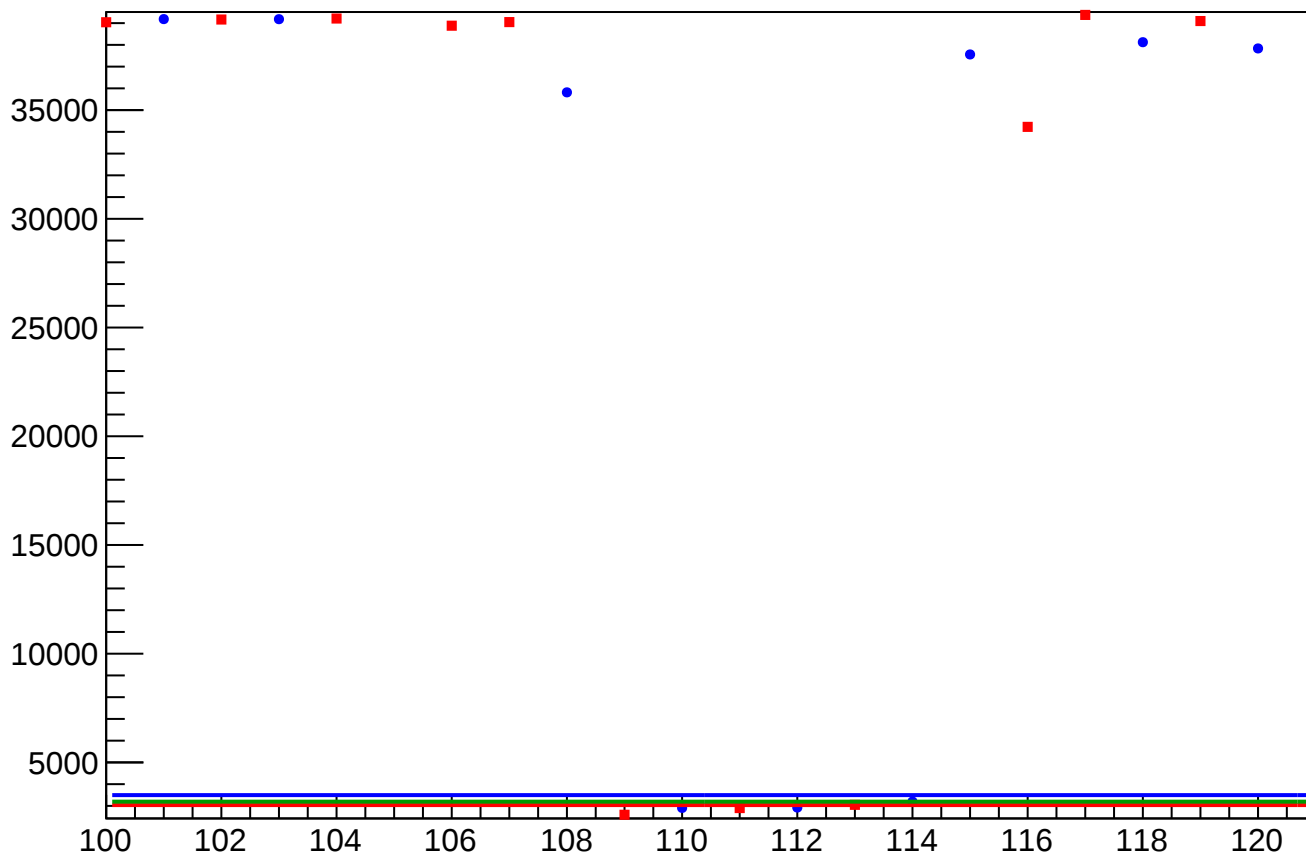
diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 4.801+/-3.009 χ^2/NDF : 10.2/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 4.282+/-2.181 χ^2/NDF : 12.7/11
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.801+/-3.009 χ^2/NDF : 10.2/8
4.460+/-1.766 χ^2/NDF : 22.8/20
4.282+/-2.181 χ^2/NDF : 12.7/11

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3495.913+/-2.128 χ^2/NDF : 4209842.2/8

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

Right Out: 3037.434+/-1.542 χ^2/NDF : 4435535.8/11

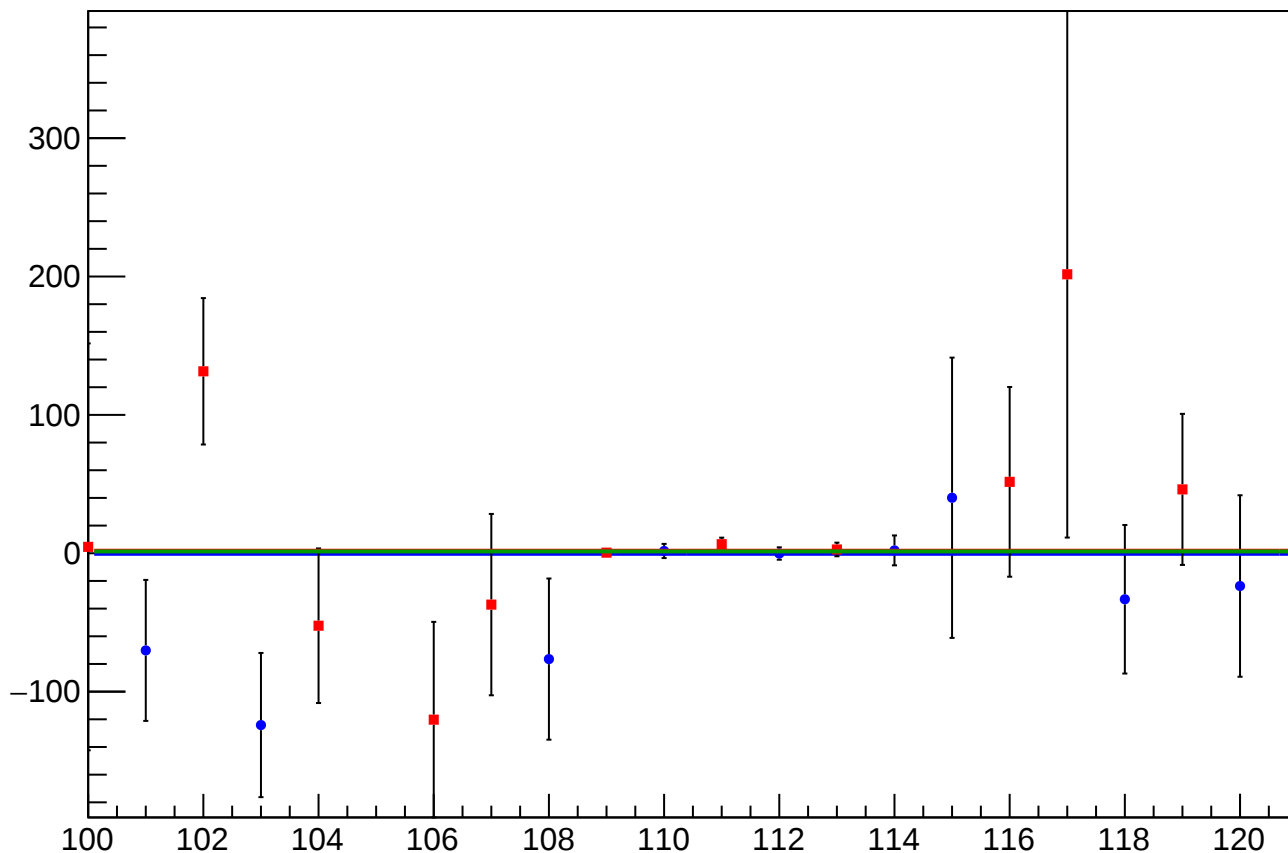
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3495.913+/-2.128 χ^2/NDF : 4209842.2/8

3195.332+/-1.249 χ^2/NDF : 8675811.6/20

3037.434+/-1.542 χ^2/NDF : 4435535.8/11

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -0.376+/-3.188 χ^2 /NDF: 10.1/8

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

Right Out: 1.818+/-1.708 χ^2 /NDF: 14.0/11

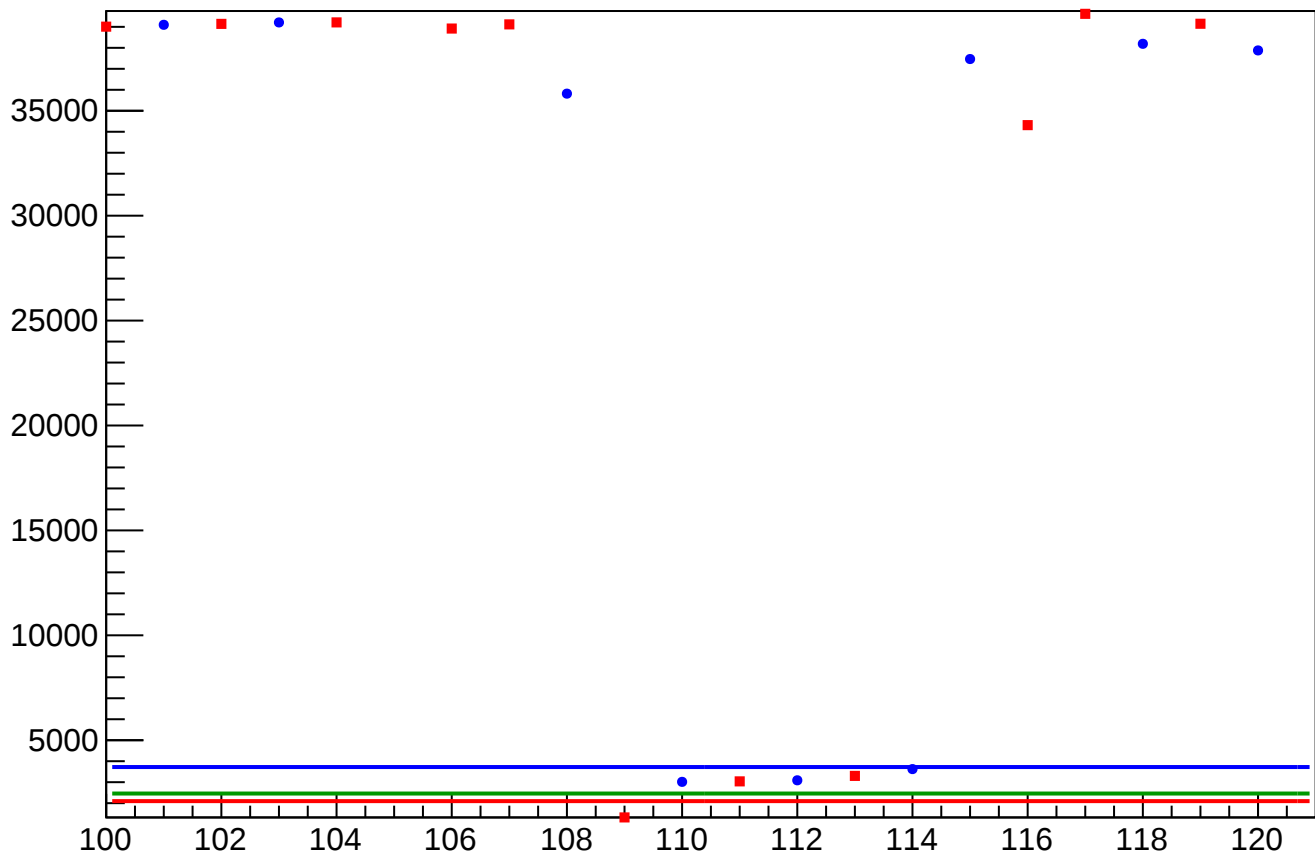
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.376+/-3.188 χ^2 /NDF: 10.1/8

1.329+/-1.505 χ^2 /NDF: 24.5/20

1.818+/-1.708 χ^2 /NDF: 14.0/11

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3721.837+/-2.254 χ^2/NDF : 4166843.0/8

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

Right Out: 2097.002+/-1.207 χ^2/NDF : 5072613.7/11

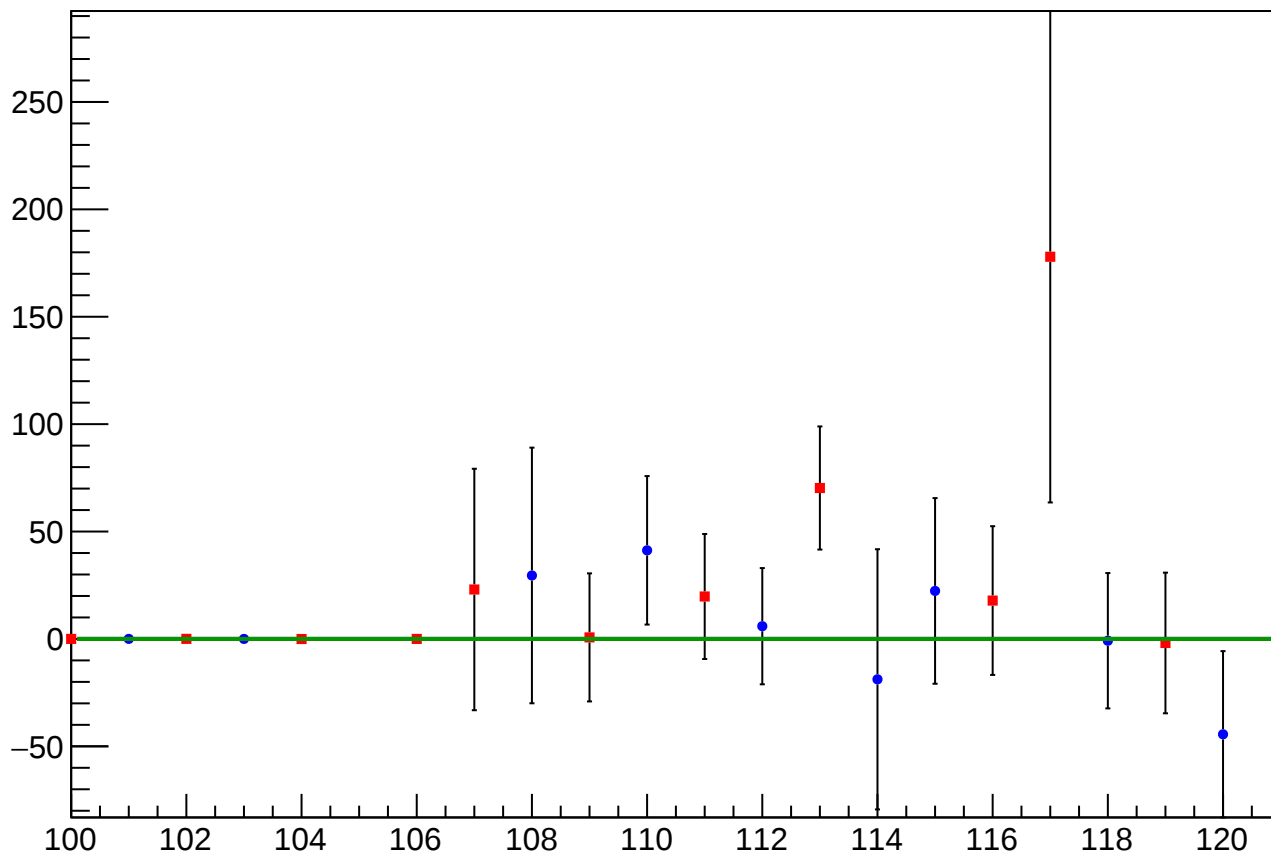
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3721.837+/-2.254 χ^2/NDF : 4166843.0/8

2459.290+/-1.064 χ^2/NDF : 9643254.7/20

2097.002+/-1.207 χ^2/NDF : 5072613.7/11

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 3.6/8

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

Right Out: -0.003+/-0.016 χ^2/NDF : 14.2/11

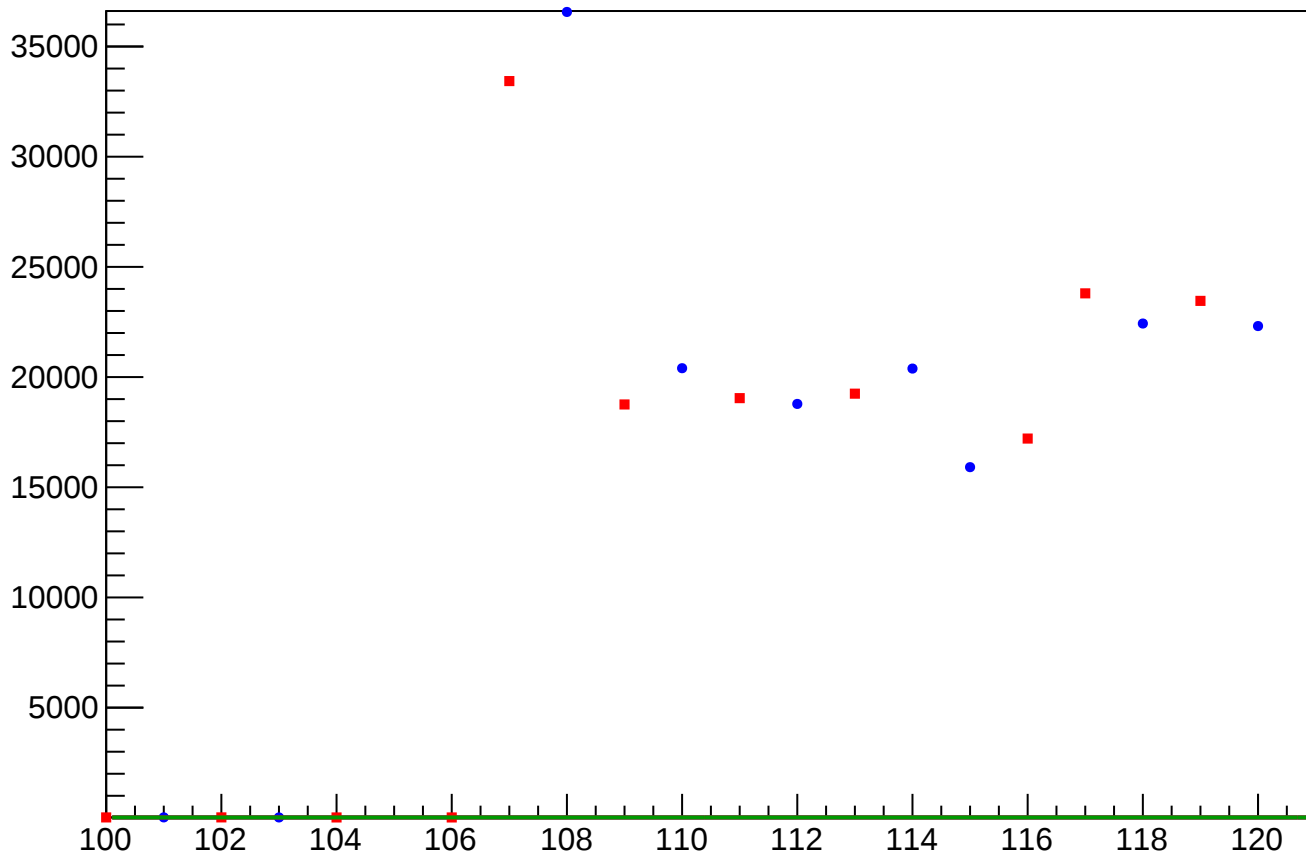
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 3.6/8

0.004+/-0.012 χ^2/NDF : 18.2/20

-0.003+/-0.016 χ^2/NDF : 14.2/11

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.591+/-0.012 χ^2/NDF : 4594712.6/8

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

Right Out: 18.277+/-0.011 χ^2/NDF : 5628451.3/11

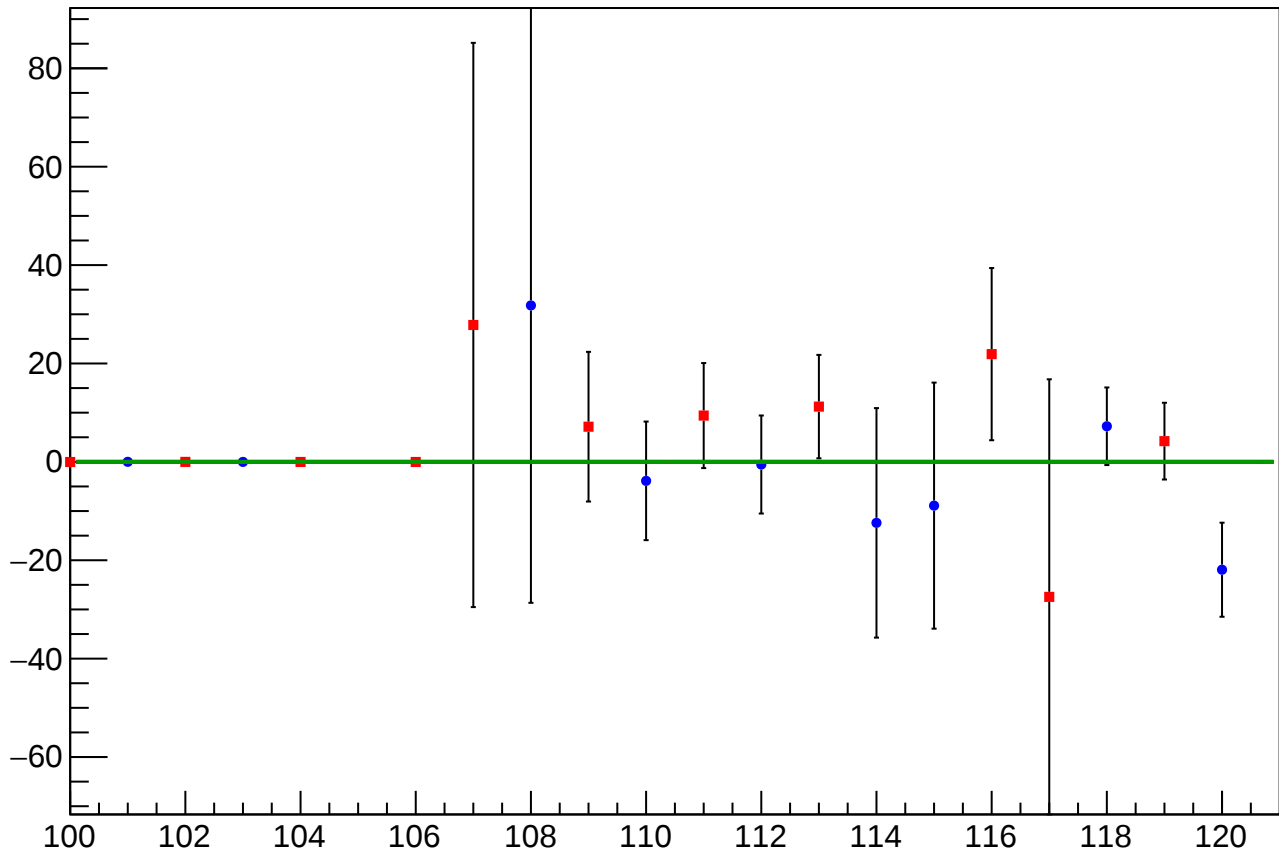
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.591+/-0.012 χ^2/NDF : 4594712.6/8

18.422+/-0.008 χ^2/NDF : 10223518.4/20

18.277+/-0.011 χ^2/NDF : 5628451.3/11

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 8.0/8

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

Right Out: -0.014+/-0.009 χ^2/NDF : 8.9/11

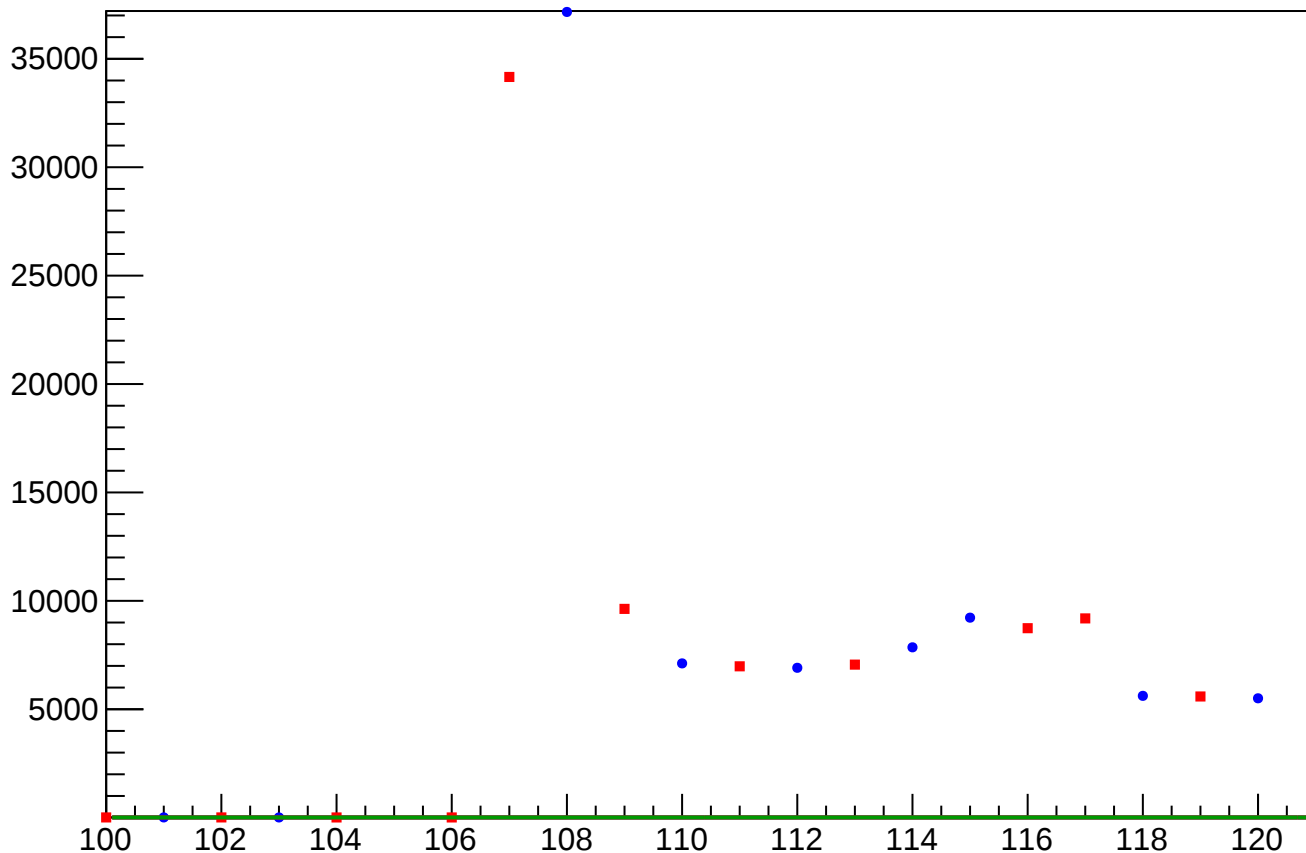
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 8.0/8

-0.007+/-0.006 χ^2/NDF : 18.3/20

-0.014+/-0.009 χ^2/NDF : 8.9/11

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.881+/-0.007 χ^2/NDF : 4591311.2/8

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

Right Out: 9.810+/-0.006 χ^2/NDF : 5629253.7/11

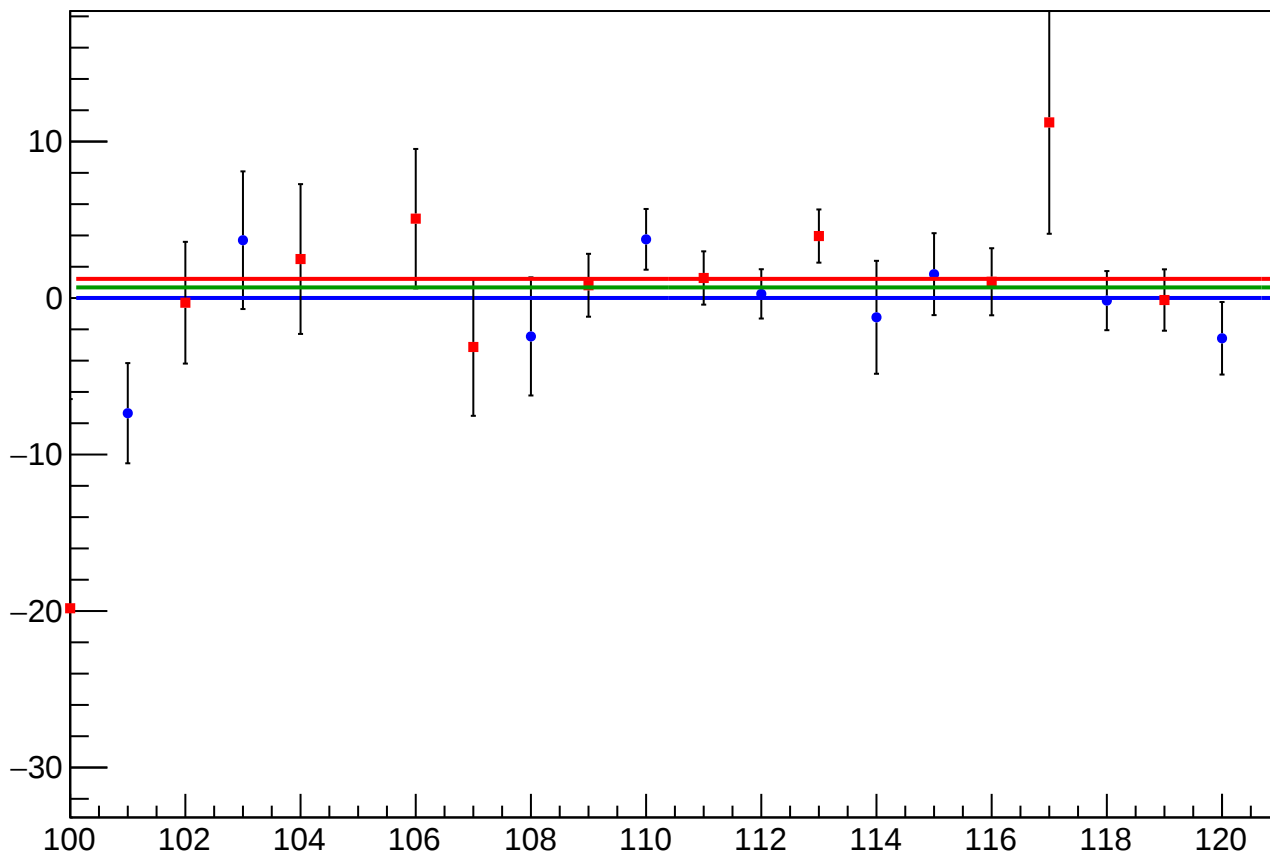
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.881+/-0.007 χ^2/NDF : 4591311.2/8

9.843+/-0.004 χ^2/NDF : 10220629.0/20

9.810+/-0.006 χ^2/NDF : 5629253.7/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.796 χ^2/NDF : 11.9/8

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

Right Out: 1.225+/-0.716 χ^2/NDF : 10.3/11

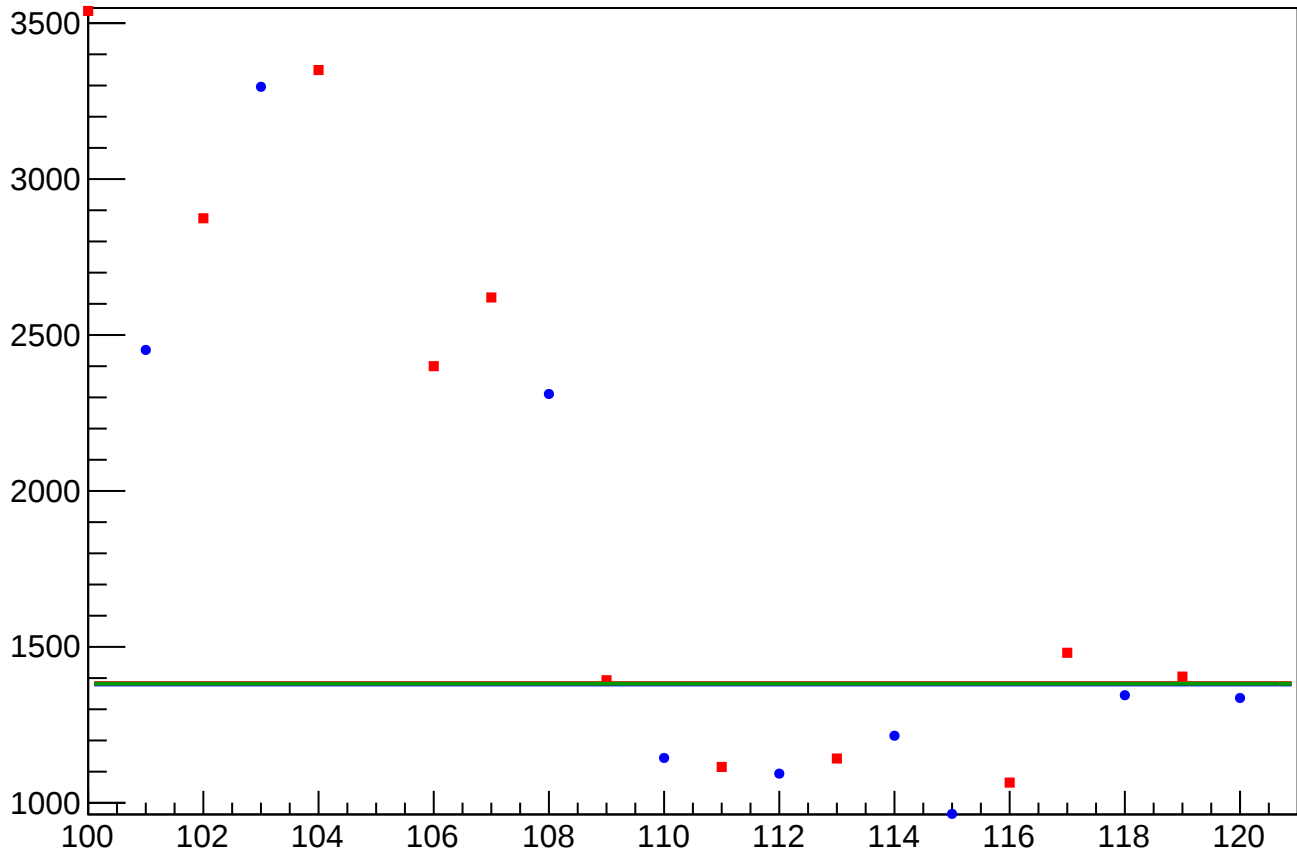
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.796 χ^2/NDF : 11.9/8

0.680+/-0.532 χ^2/NDF : 23.5/20

1.225+/-0.716 χ^2/NDF : 10.3/11

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1379.827 $\pm$ 0.563 χ^2 /NDF: 877142.6/8

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

Right Out: 1383.788 $\pm$ 0.506 χ^2 /NDF: 1118655.6/11

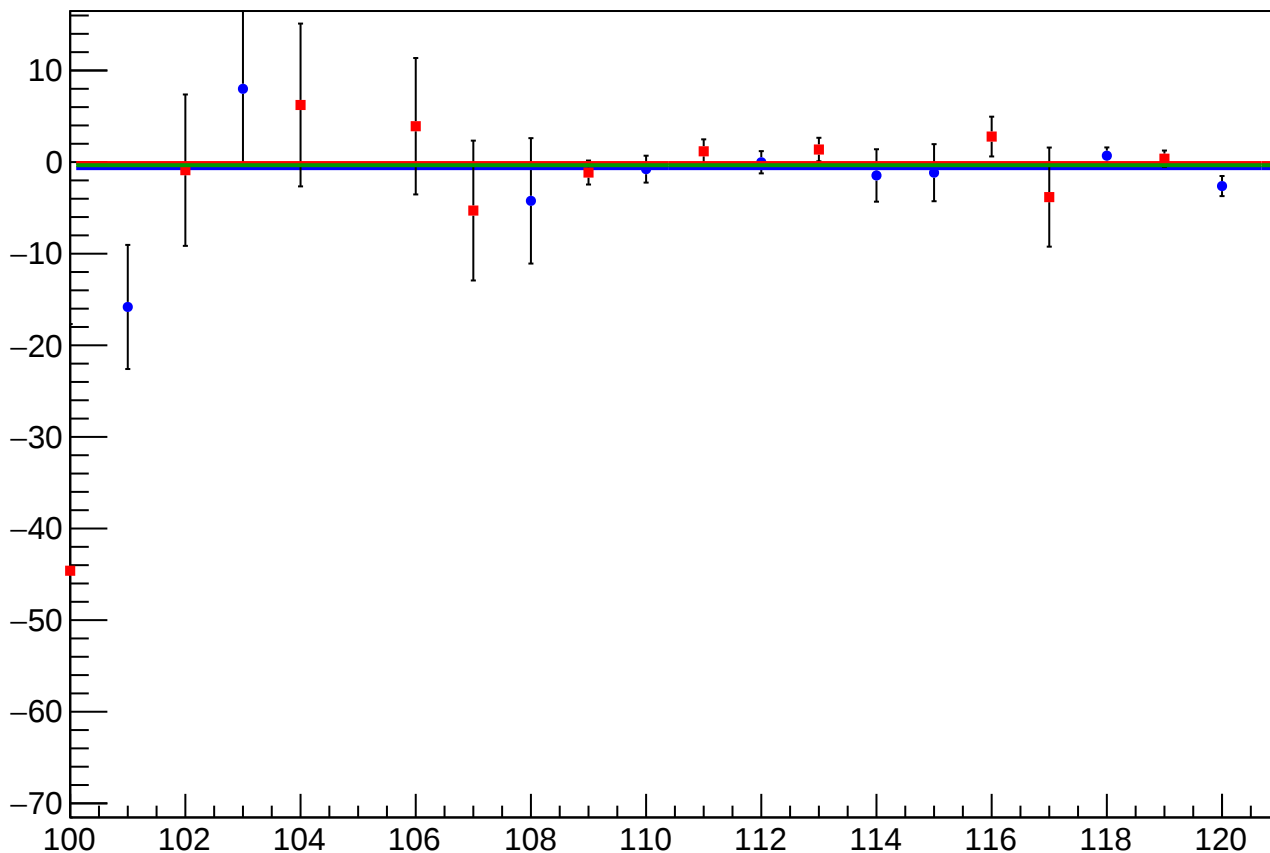
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1379.827 $\pm$ 0.563 χ^2 /NDF: 877142.6/8

1382.017 $\pm$ 0.376 χ^2 /NDF: 1995825.5/20

1383.788 $\pm$ 0.506 χ^2 /NDF: 1118655.6/11

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.662 $\pm$ 0.536 χ^2 /NDF: 12.2/8

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

Right Out: -0.106 $\pm$ 0.458 χ^2 /NDF: 12.6/11

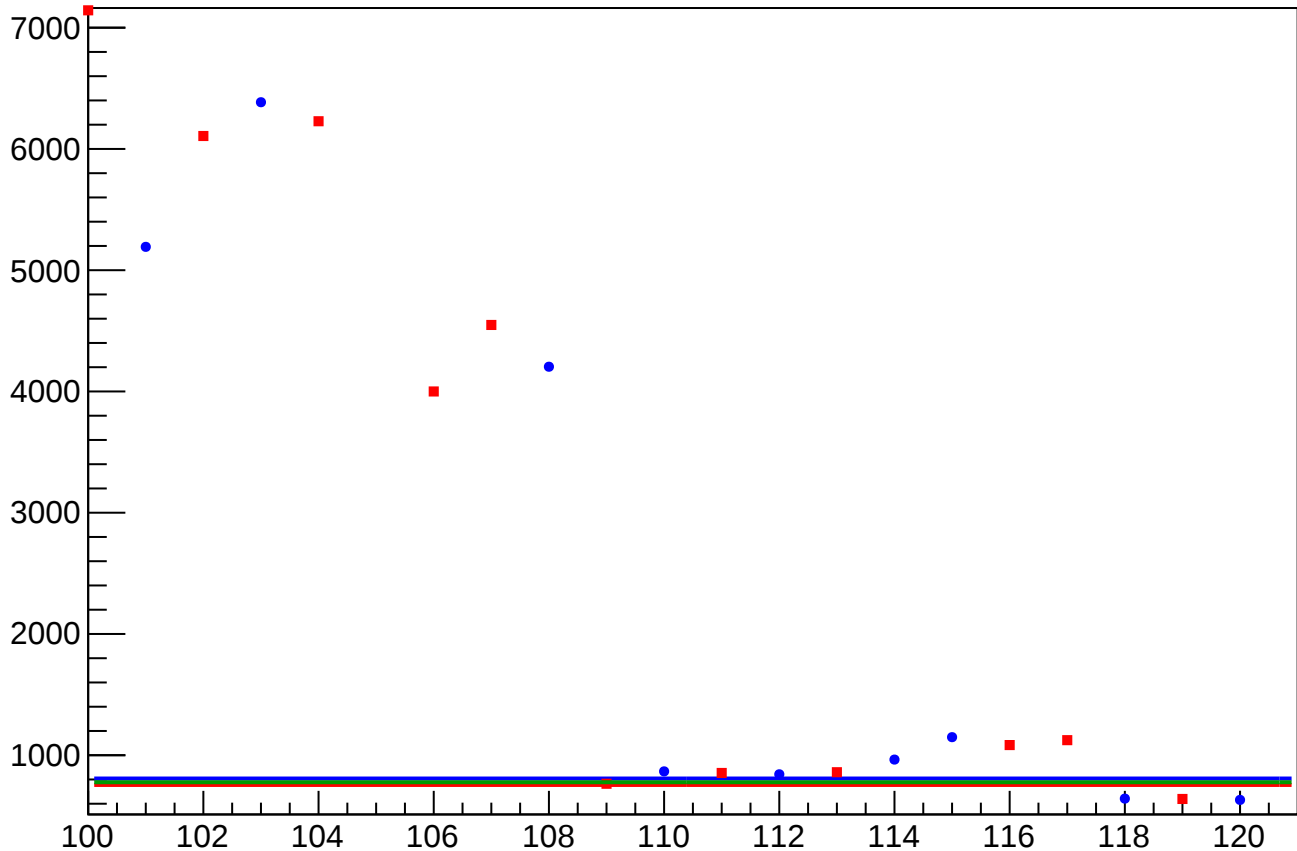
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.662 $\pm$ 0.536 χ^2 /NDF: 12.2/8

-0.341 $\pm$ 0.348 χ^2 /NDF: 25.4/20

-0.106 $\pm$ 0.458 χ^2 /NDF: 12.6/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 807.890+/-0.379 χ^2/NDF : 2346673.2/8

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

Right Out: 754.836+/-0.324 χ^2/NDF : 2865751.1/11

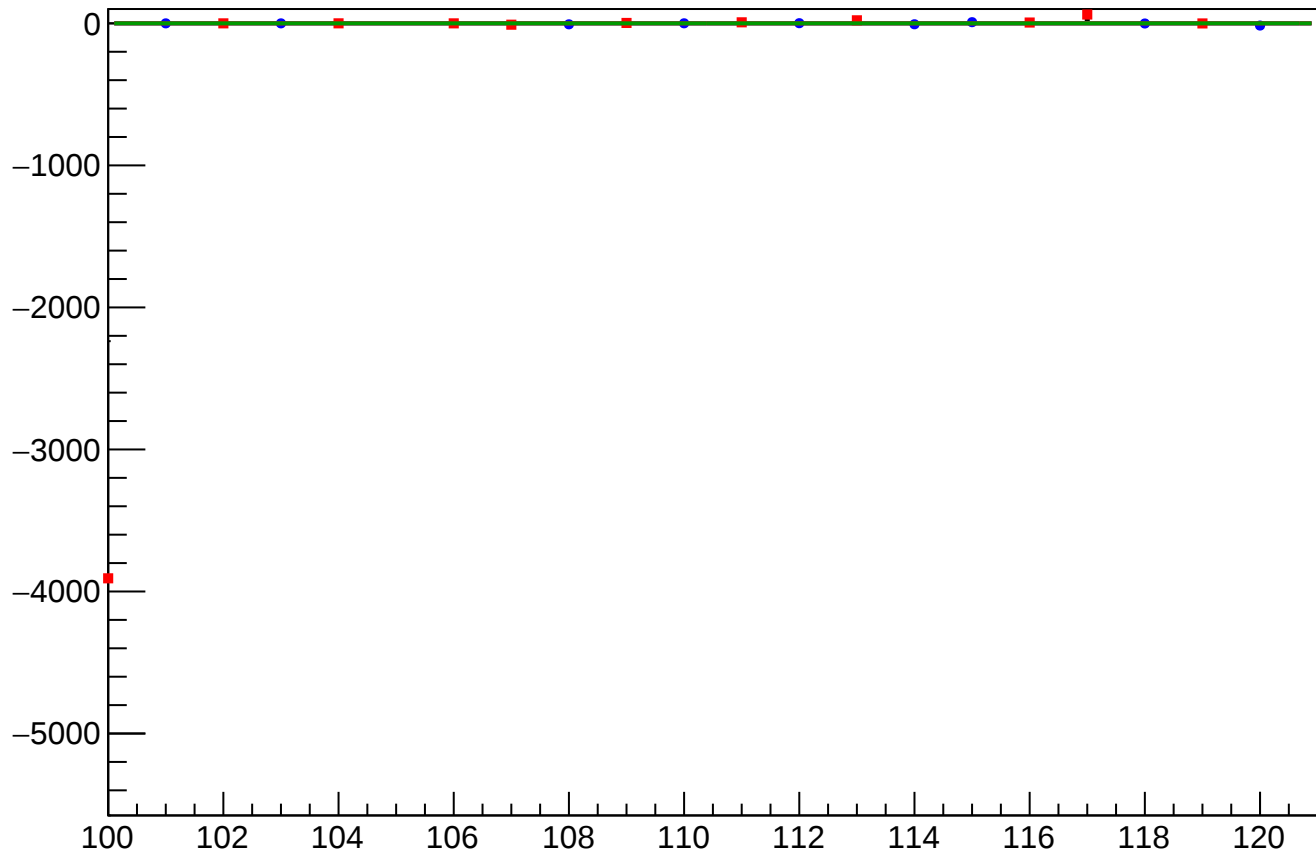
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

807.890+/-0.379 χ^2/NDF : 2346673.2/8

777.238+/-0.246 χ^2/NDF : 5223763.7/20

754.836+/-0.324 χ^2/NDF : 2865751.1/11

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 2.8/8

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

Right Out: 0.027+/-0.020 χ^2/NDF : 16.1/11

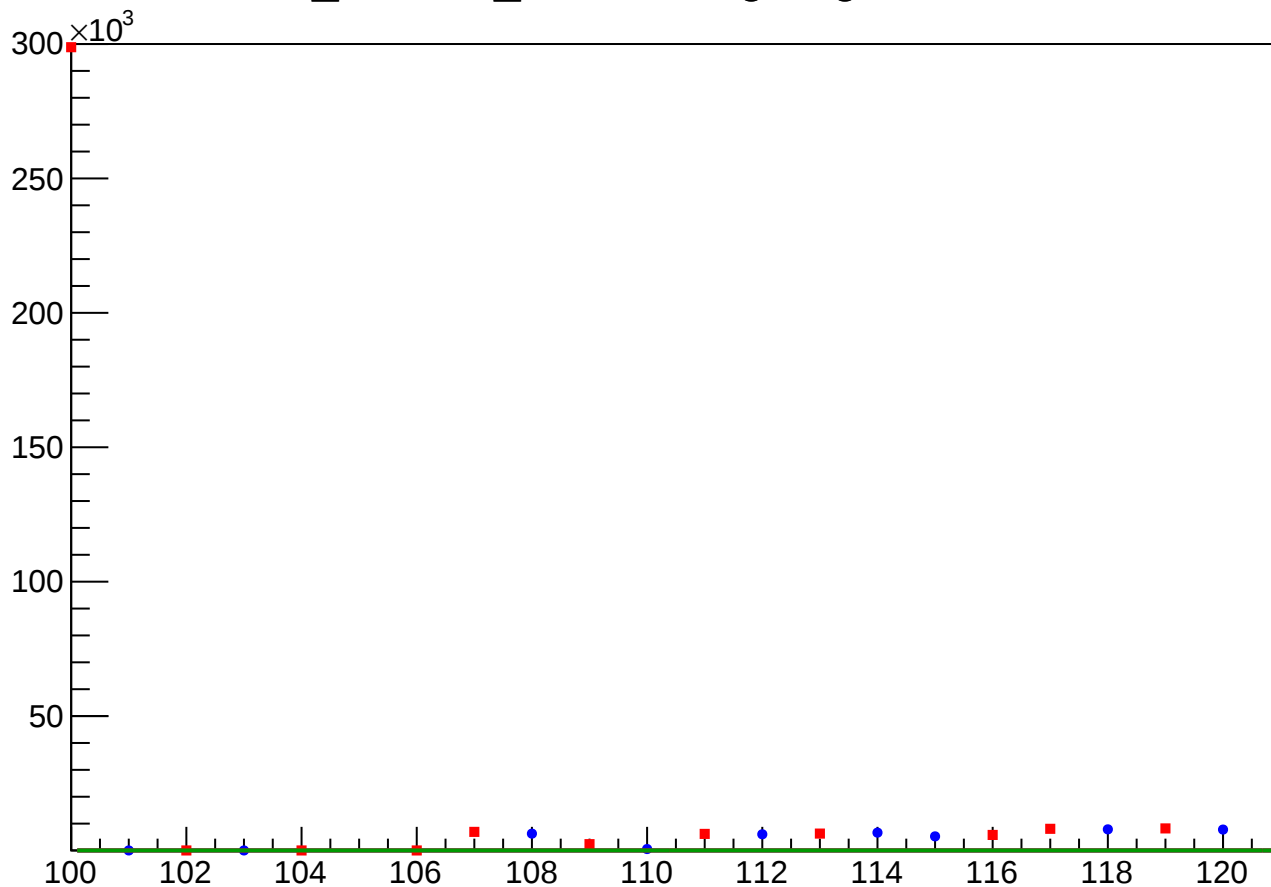
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 2.8/8

0.004+/-0.014 χ^2/NDF : 21.6/20

0.027+/-0.020 χ^2/NDF : 16.1/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.126 $\pm$ 0.015 χ^2/NDF : 4119209.4/8

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

Right Out: 17.113 $\pm$ 0.014 χ^2/NDF : 5352283.0/11

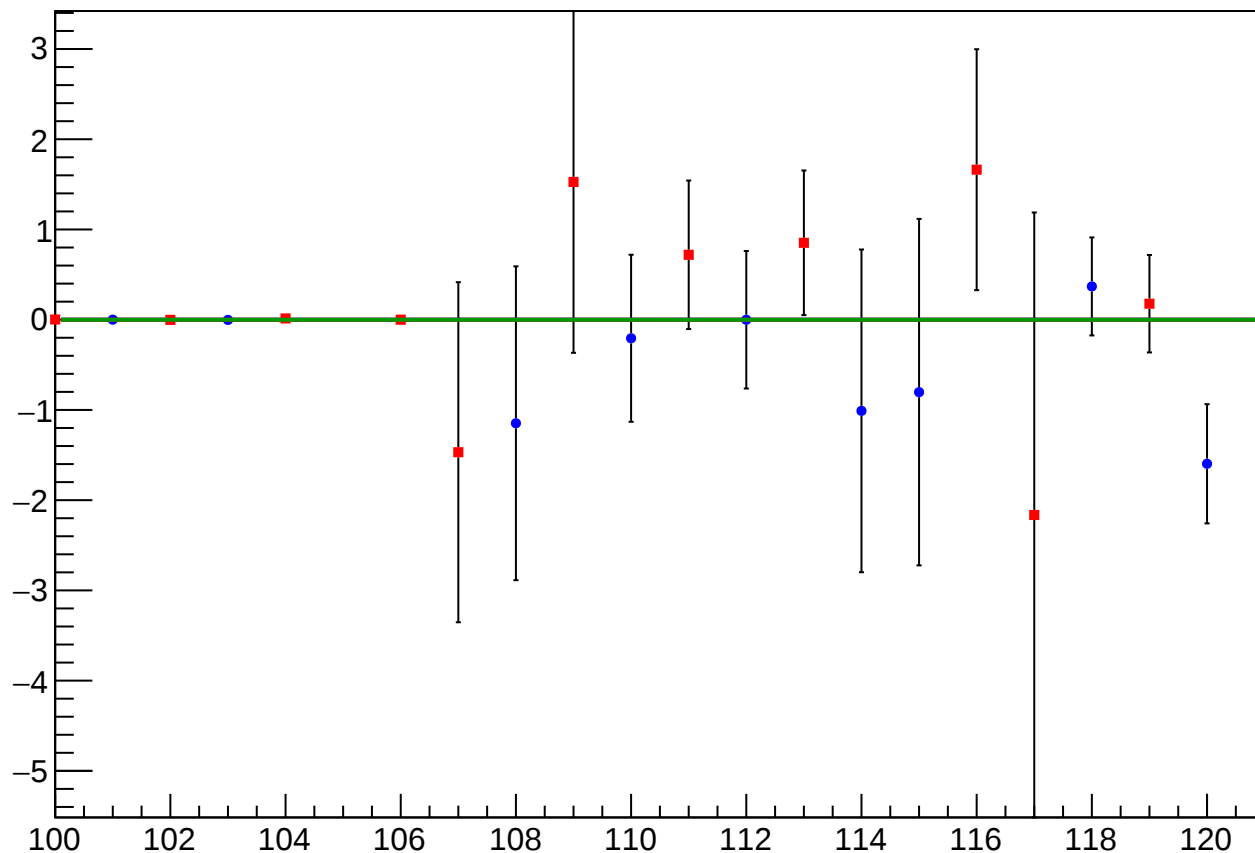
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.126 $\pm$ 0.015 χ^2/NDF : 4119209.4/8

17.119 $\pm$ 0.010 χ^2/NDF : 9471492.9/20

17.113 $\pm$ 0.014 χ^2/NDF : 5352283.0/11

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 7.5/8

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10.0/11

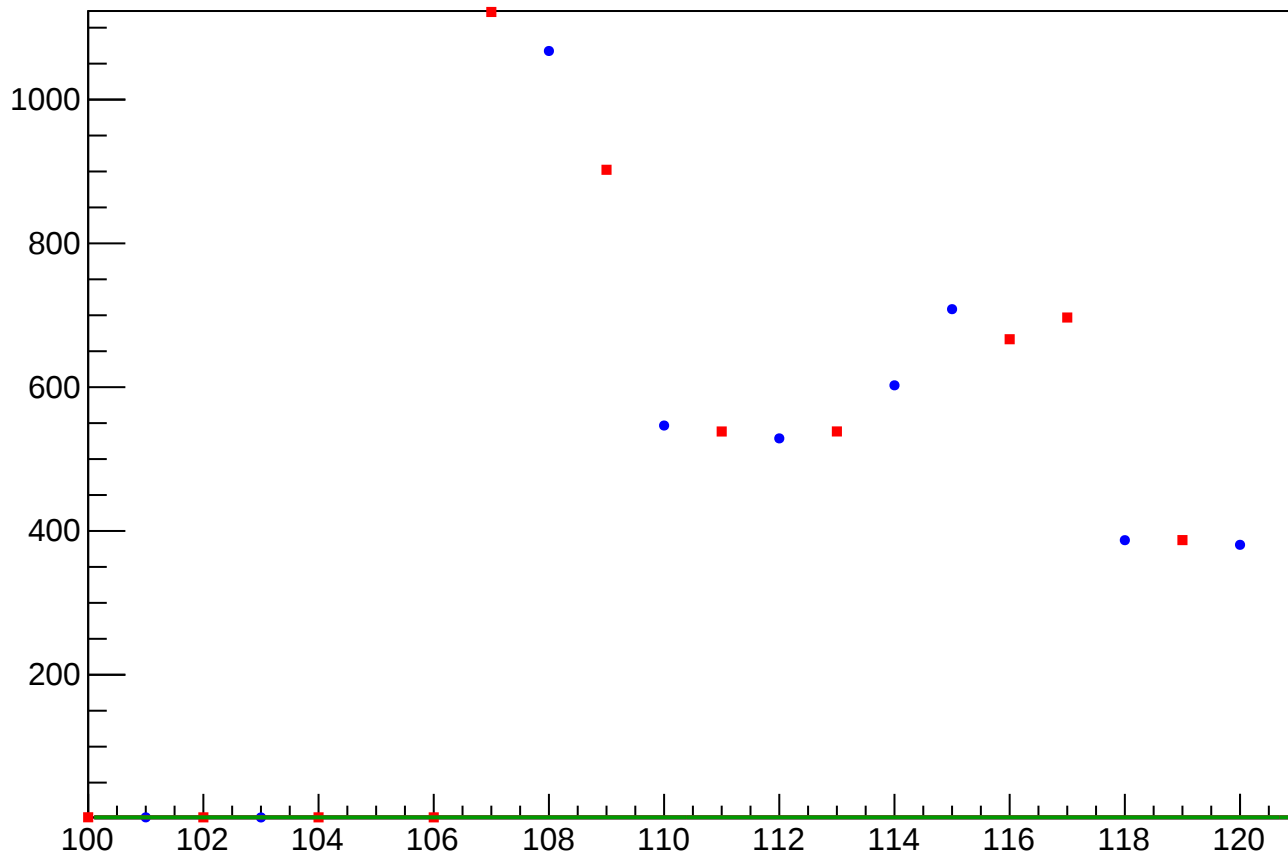
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 7.5/8

-0.000 $\pm$ 0.001 χ^2 /NDF: 17.6/20

-0.001 $\pm$ 0.002 χ^2 /NDF: 10.0/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.663+/-0.001 χ^2/NDF : 4565689.2/8

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

Right Out: 1.699+/-0.001 χ^2/NDF : 5243620.1/11

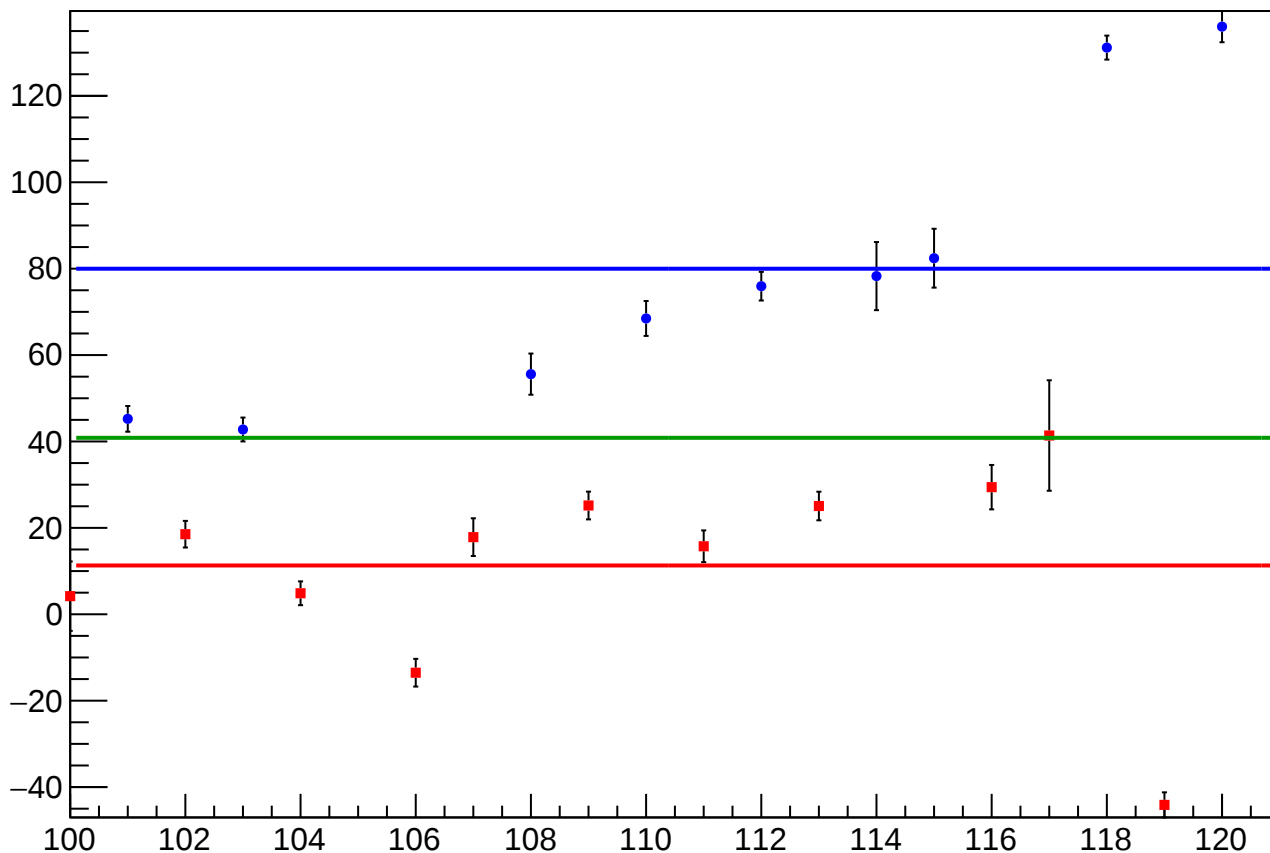
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.663+/-0.001 χ^2/NDF : 4565689.2/8

1.682+/-0.001 χ^2/NDF : 9809635.5/20

1.699+/-0.001 χ^2/NDF : 5243620.1/11

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 79.986 $\pm$ 1.209 χ^2 /NDF: 934.2/8

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

Right Out: 11.298 $\pm$ 1.051 χ^2 /NDF: 810.4/11

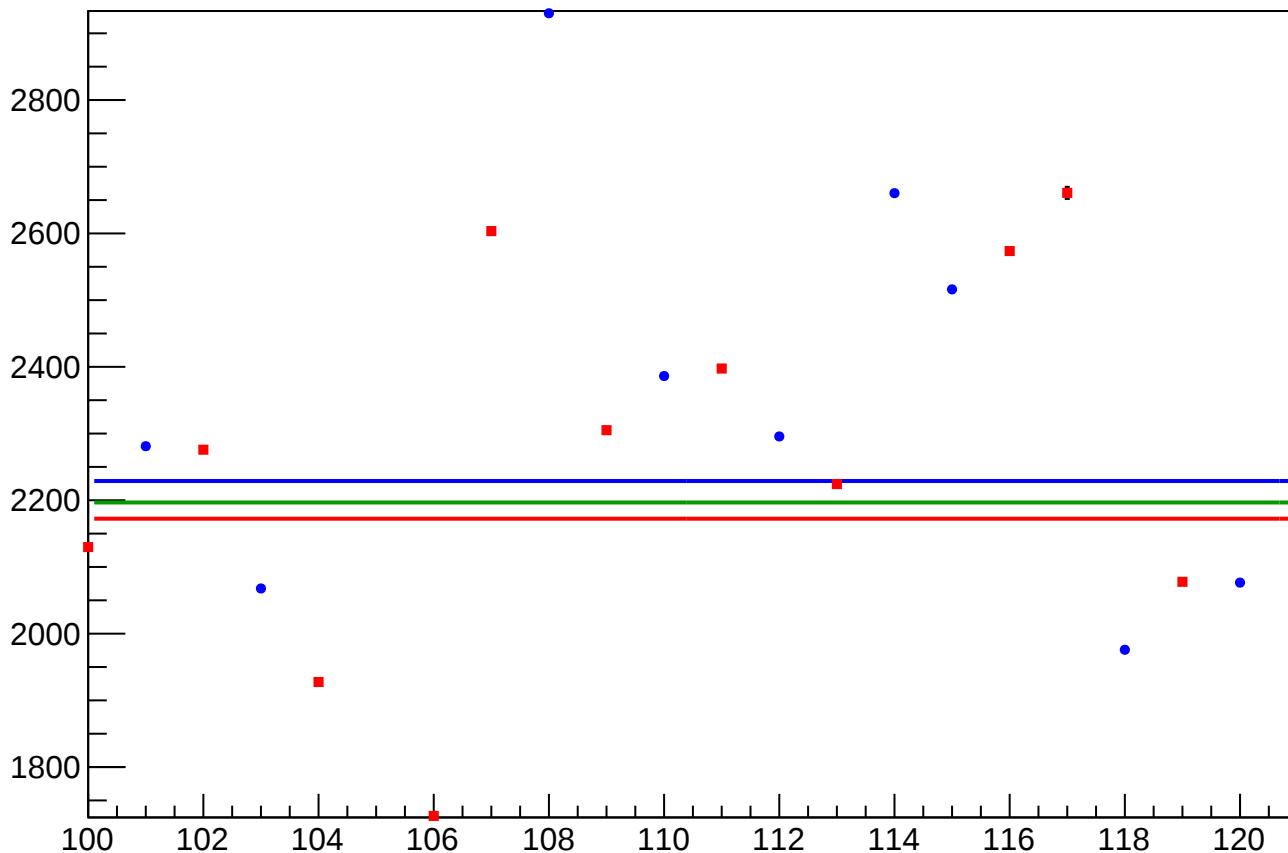
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

79.986 $\pm$ 1.209 χ^2 /NDF: 934.2/8

40.847 $\pm$ 0.793 χ^2 /NDF: 3583.7/20

11.298 $\pm$ 1.051 χ^2 /NDF: 810.4/11

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2228.856 $\pm$ 0.855 χ^2 /NDF: 84265.9/8

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

Right Out: 2172.382 $\pm$ 0.743 χ^2 /NDF: 104829.5/11

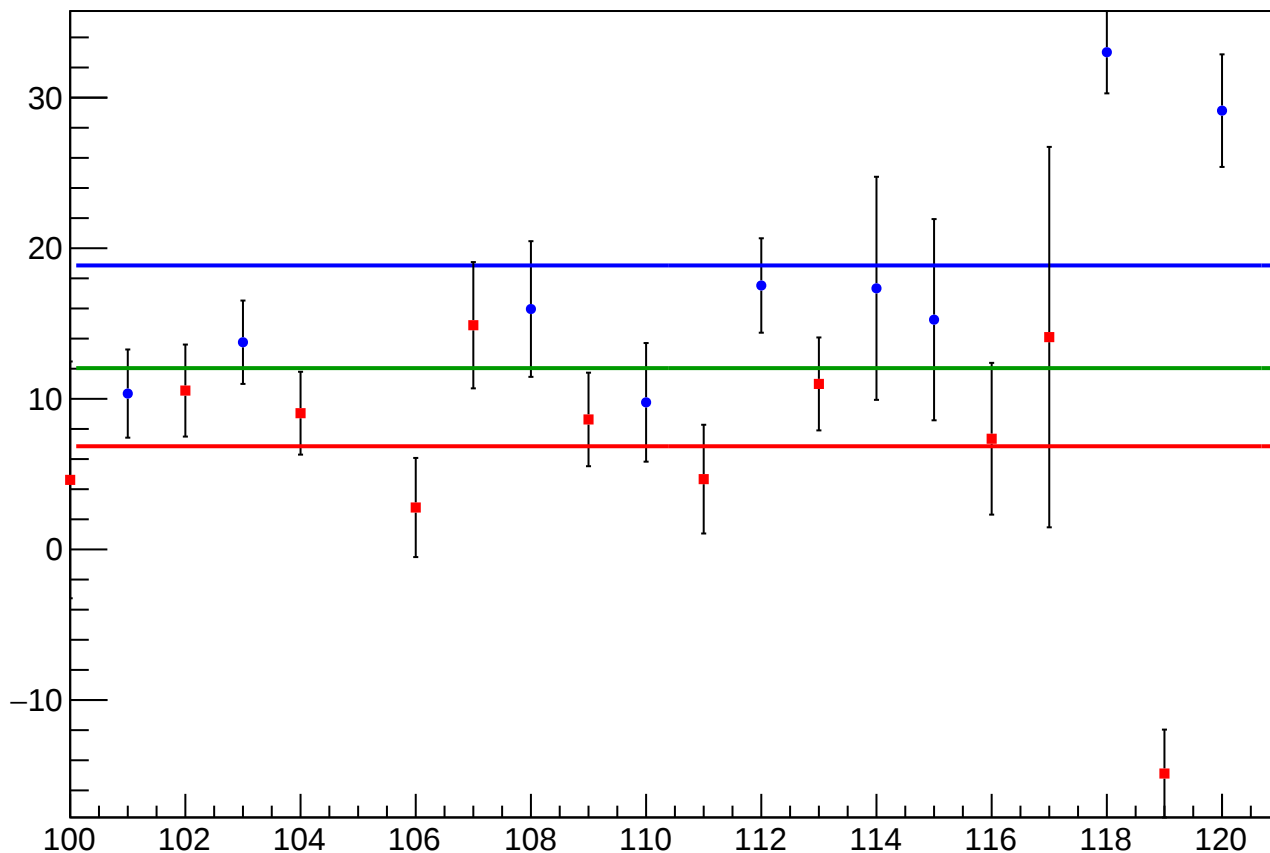
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2228.856 $\pm$ 0.855 χ^2 /NDF: 84265.9/8

2196.677 $\pm$ 0.561 χ^2 /NDF: 191581.8/20

2172.382 $\pm$ 0.743 χ^2 /NDF: 104829.5/11

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 18.857+/-1.188 χ^2/NDF : 52.5/8

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

Right Out: 6.851+/-1.036 χ^2/NDF : 87.6/11

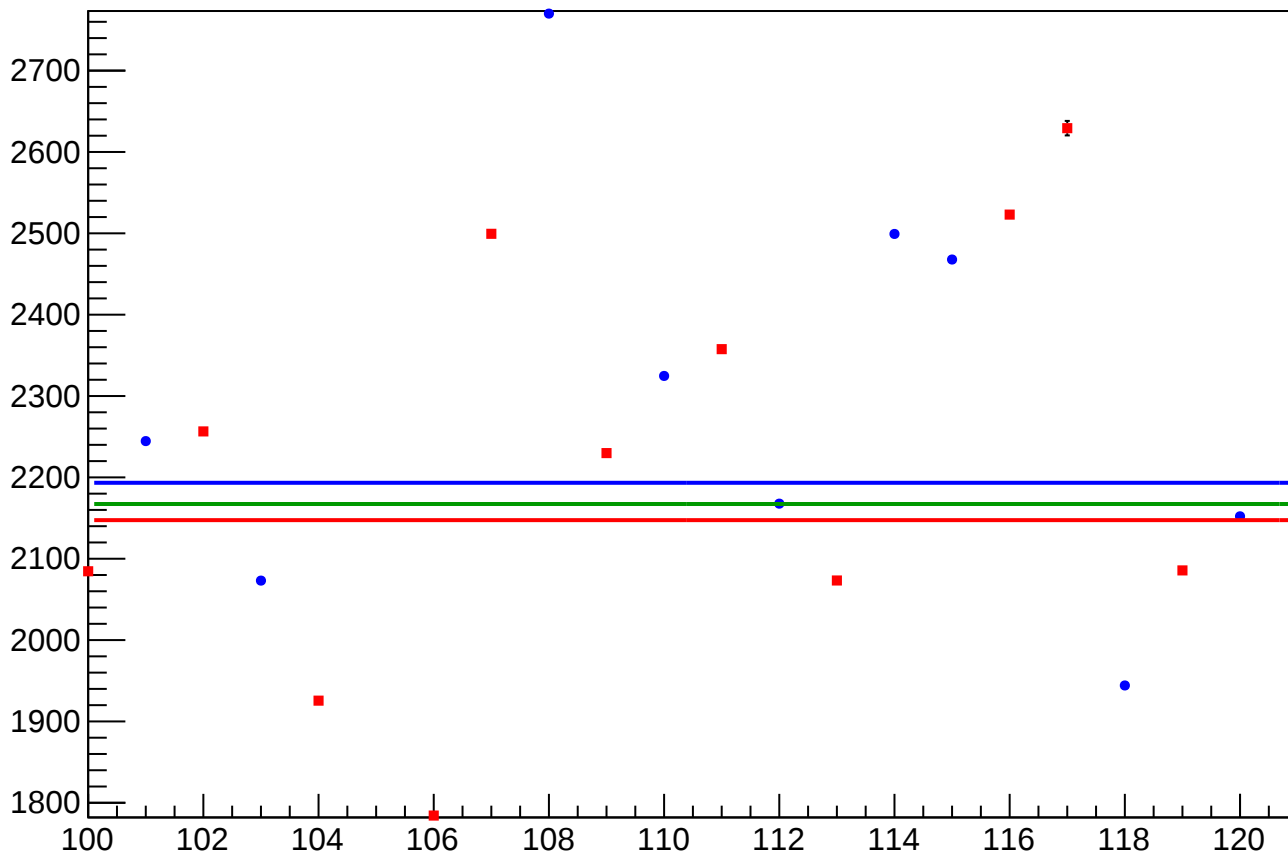
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.857+/-1.188 χ^2/NDF : 52.5/8

12.039+/-0.781 χ^2/NDF : 198.1/20

6.851+/-1.036 χ^2/NDF : 87.6/11

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2193.354 $\pm$ 0.840 χ^2/NDF : 63168.1/8

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

Right Out: 2147.438 $\pm$ 0.733 χ^2/NDF : 78960.9/11

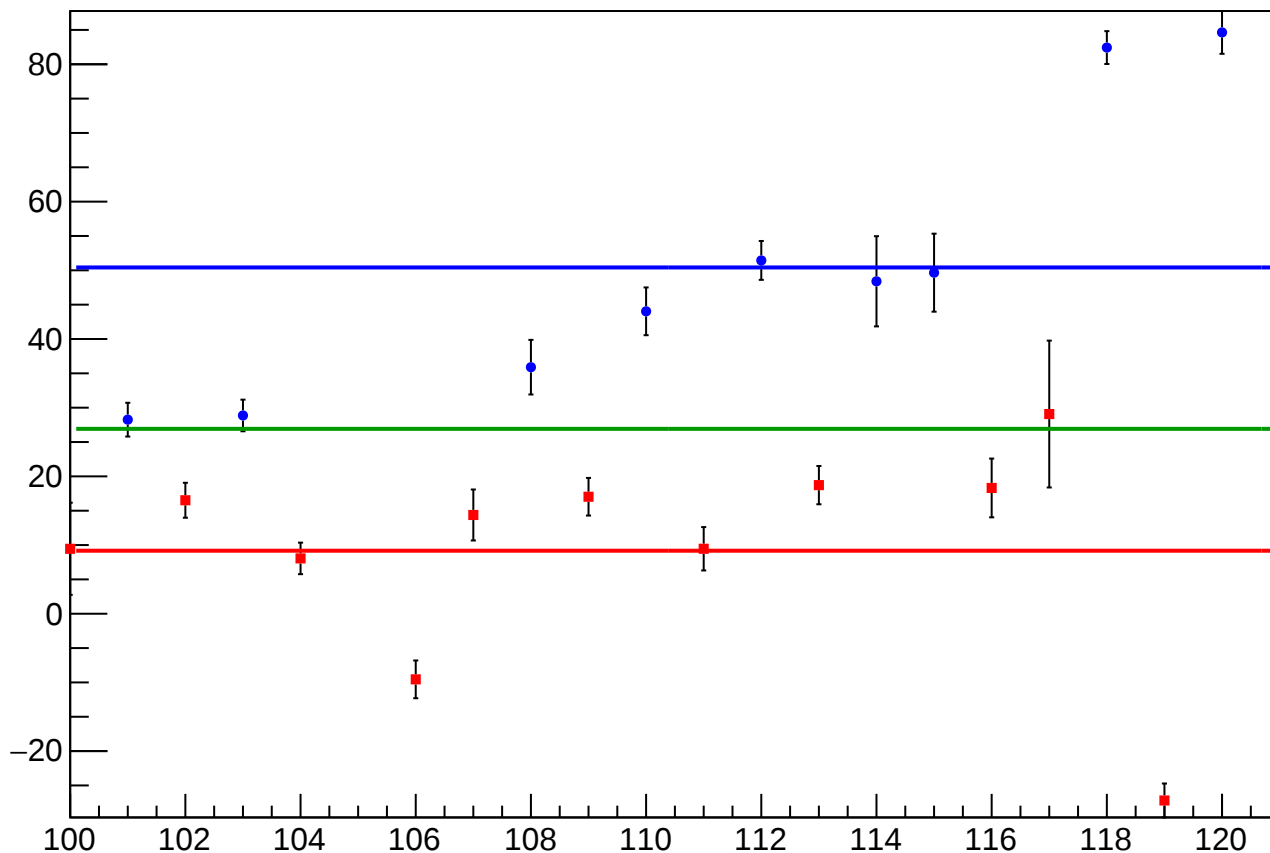
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2193.354 $\pm$ 0.840 χ^2/NDF : 63168.1/8

2167.279 $\pm$ 0.552 χ^2/NDF : 143825.9/20

2147.438 $\pm$ 0.733 χ^2/NDF : 78960.9/11

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 50.417+/-1.022 χ^2/NDF : 485.5/8

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

Right Out: 9.176+/-0.888 χ^2/NDF : 463.2/11

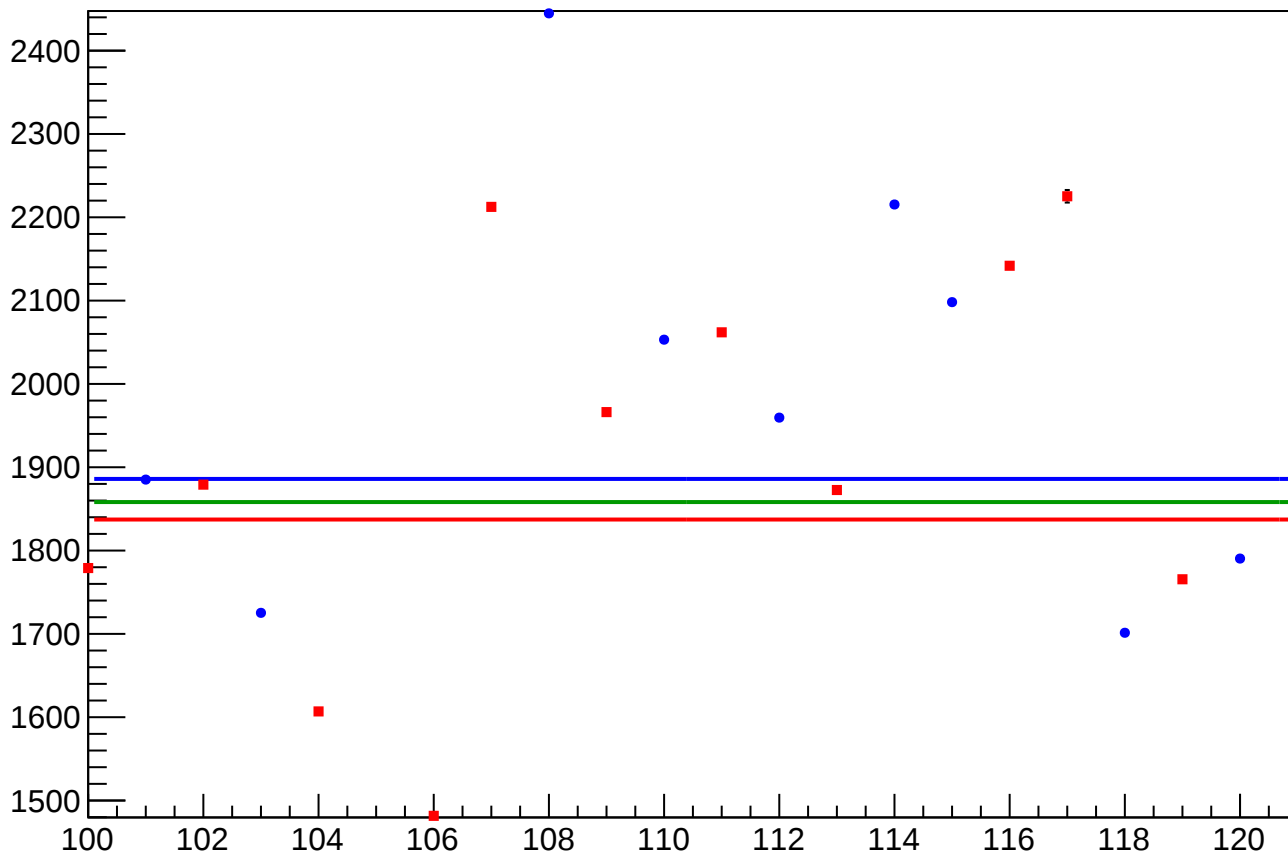
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.417+/-1.022 χ^2/NDF : 485.5/8

26.918+/-0.671 χ^2/NDF : 1876.0/20

9.176+/-0.888 χ^2/NDF : 463.2/11

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1885.986 $\pm$ 0.723 χ^2 /NDF: 76846.5/8

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

Right Out: 1837.255 $\pm$ 0.628 χ^2 /NDF: 104718.8/11

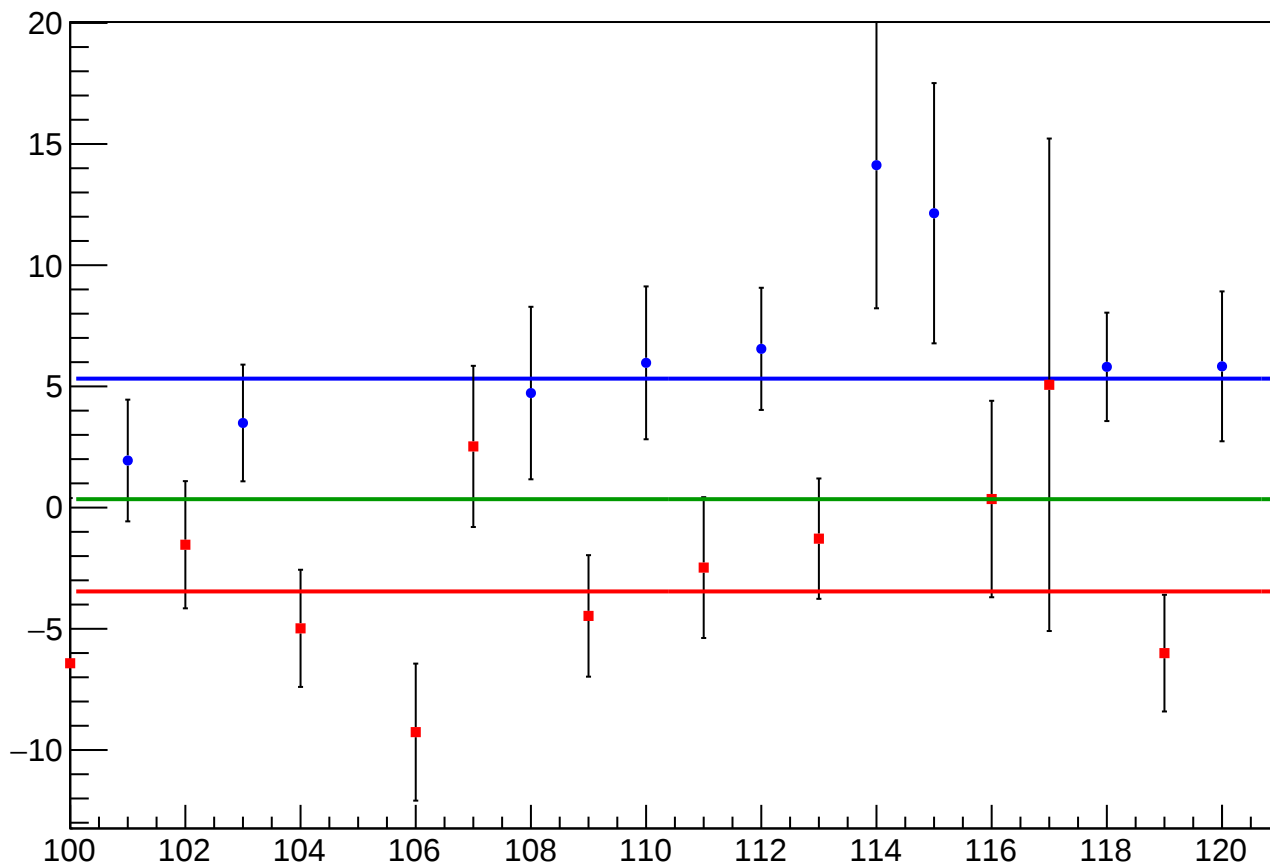
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1885.986 $\pm$ 0.723 χ^2 /NDF: 76846.5/8

1858.220 $\pm$ 0.474 χ^2 /NDF: 184154.5/20

1837.255 $\pm$ 0.628 χ^2 /NDF: 104718.8/11

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.320+/-0.982 χ^2/NDF : 6.6/8

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

Right Out: -3.459+/-0.859 χ^2/NDF : 12.4/11

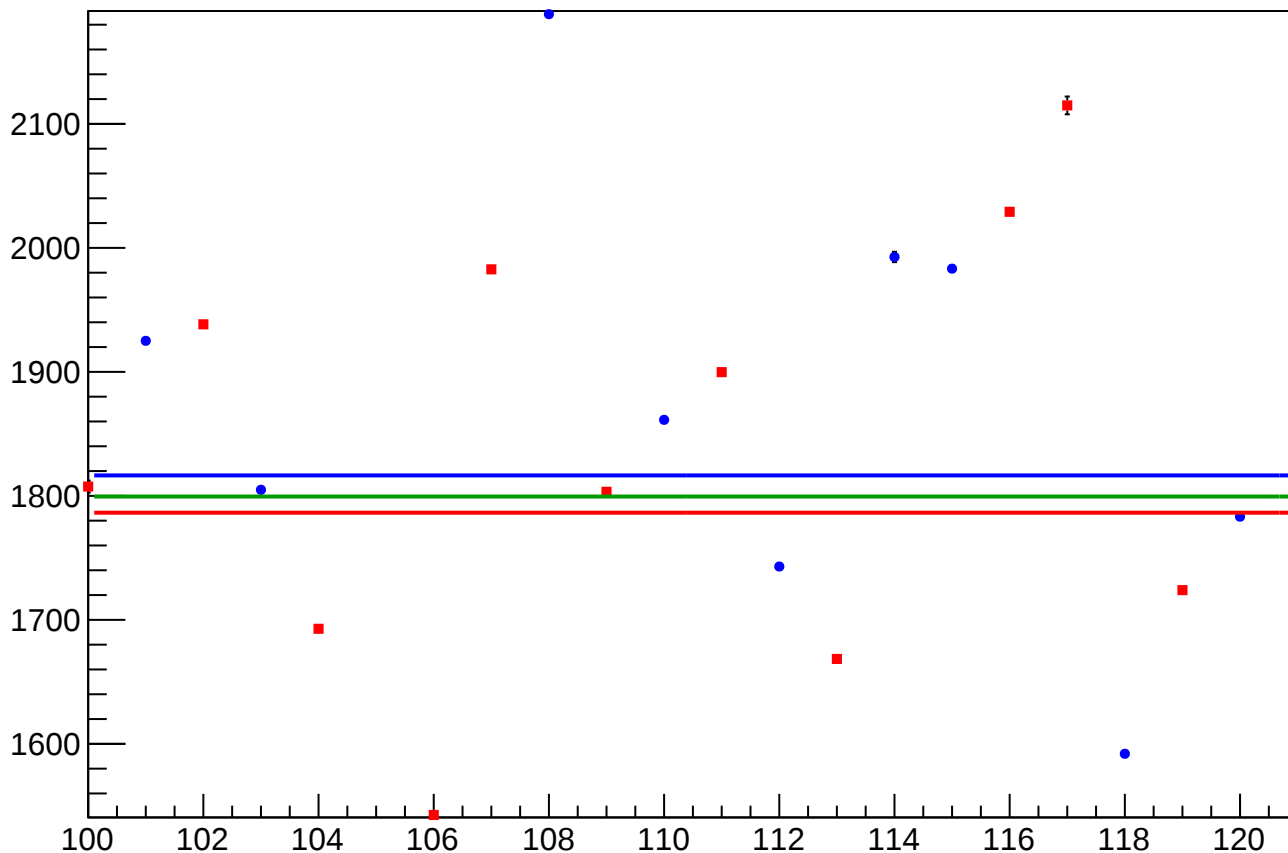
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.320+/-0.982 χ^2/NDF : 6.6/8

0.348+/-0.647 χ^2/NDF : 64.2/20

-3.459+/-0.859 χ^2/NDF : 12.4/11

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1816.498 $\pm$ 0.695 χ^2/NDF : 51855.8/8

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

Right Out: 1786.436 $\pm$ 0.608 χ^2/NDF : 49913.1/11

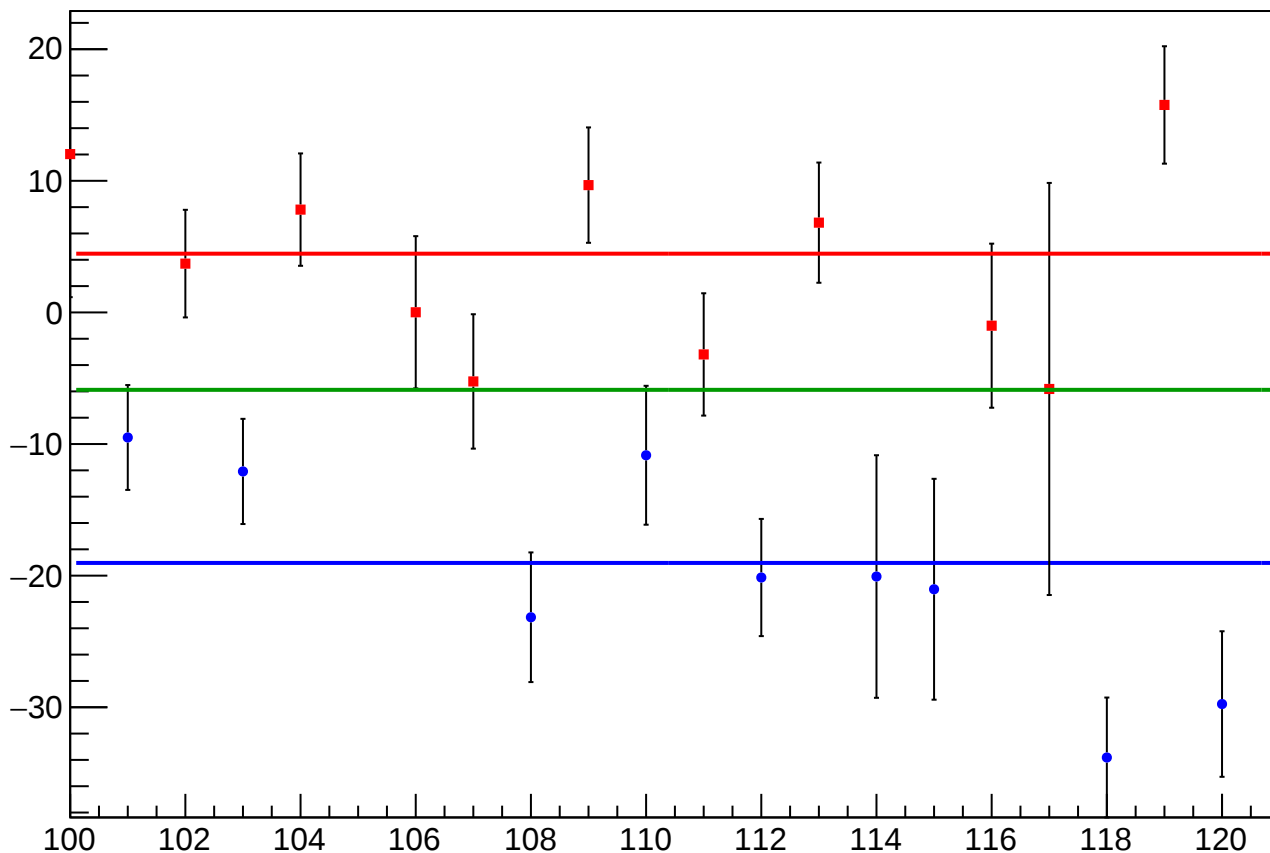
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1816.498 $\pm$ 0.695 χ^2/NDF : 51855.8/8

1799.470 $\pm$ 0.457 χ^2/NDF : 102829.9/20

1786.436 $\pm$ 0.608 χ^2/NDF : 49913.1/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.034 $\pm$ 1.667 χ^2 /NDF: 26.3/8

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

Right Out: 4.464 $\pm$ 1.478 χ^2 /NDF: 17.7/11

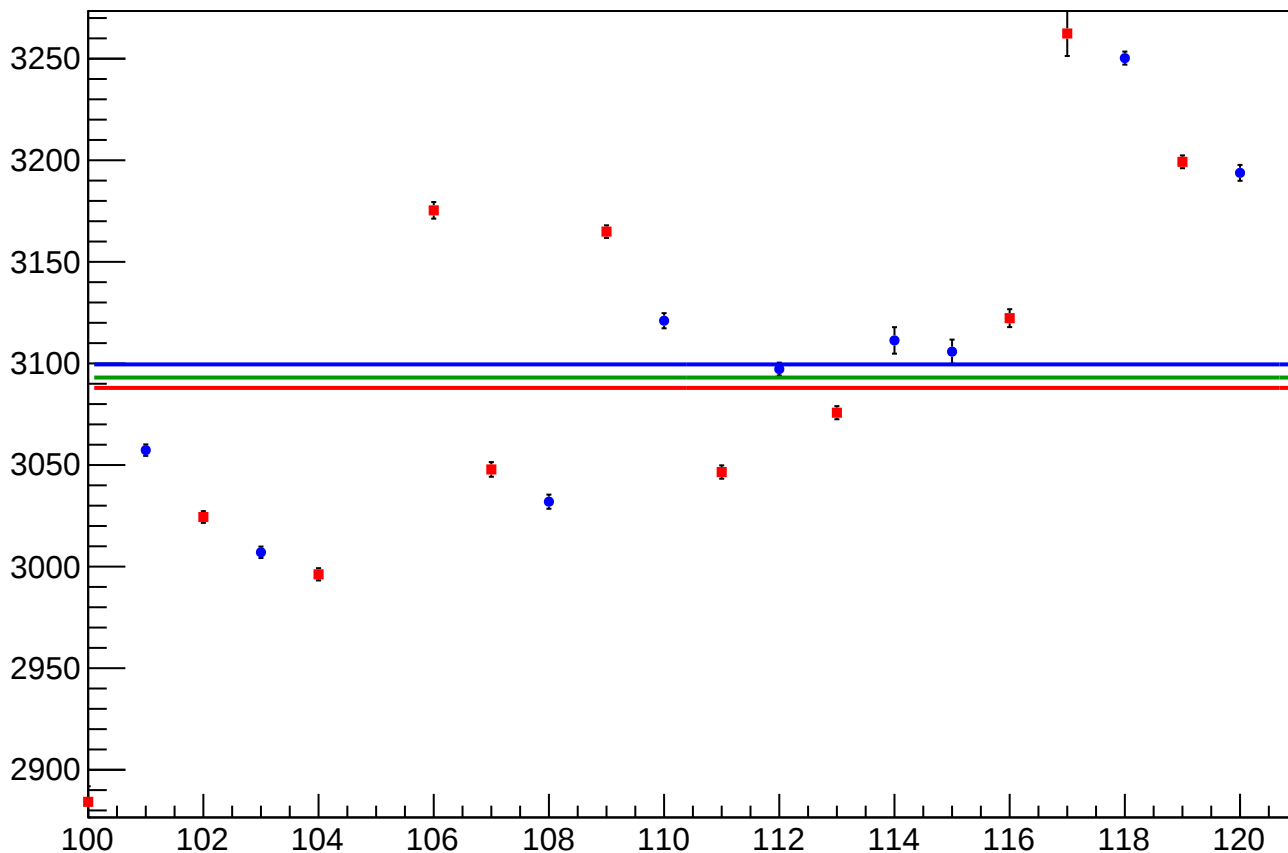
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.034 $\pm$ 1.667 χ^2 /NDF: 26.3/8

-5.882 $\pm$ 1.106 χ^2 /NDF: 155.2/20

4.464 $\pm$ 1.478 χ^2 /NDF: 17.7/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3099.524 $\pm$ 1.178 χ^2 /NDF: 4481.8/8

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

Right Out: 3087.962 $\pm$ 1.045 χ^2 /NDF: 5064.4/11

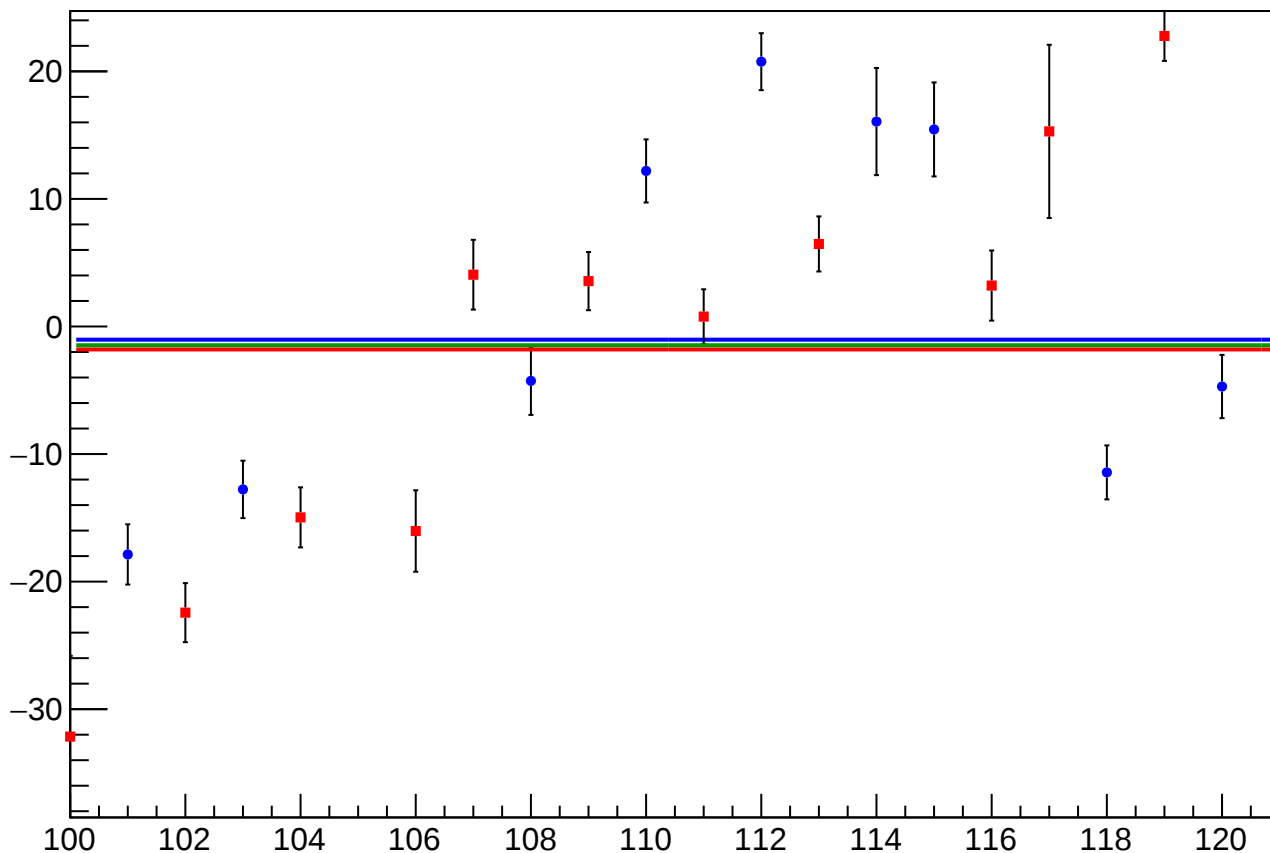
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3099.524 $\pm$ 1.178 χ^2 /NDF: 4481.8/8

3093.053 $\pm$ 0.782 χ^2 /NDF: 9600.1/20

3087.962 $\pm$ 1.045 χ^2 /NDF: 5064.4/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -1.033+/-0.846 χ^2/NDF : 266.2/8

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

Right Out: -1.800+/-0.733 χ^2/NDF : 399.8/11

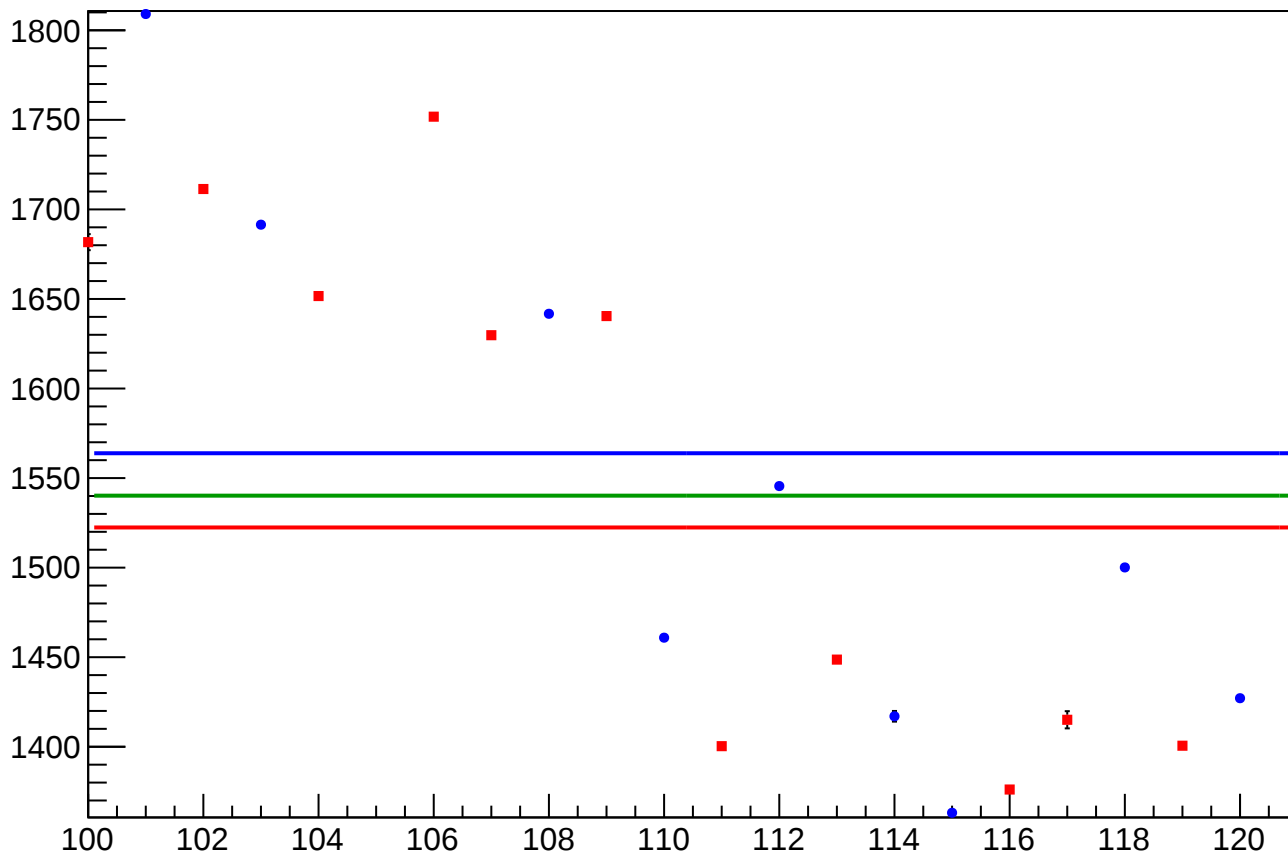
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.033+/-0.846 χ^2/NDF : 266.2/8

-1.471+/-0.554 χ^2/NDF : 666.6/20

-1.800+/-0.733 χ^2/NDF : 399.8/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1563.869 $\pm$ 0.598 χ^2/NDF : 49580.0/8

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

Right Out: 1522.428 $\pm$ 0.518 χ^2/NDF : 68965.1/11

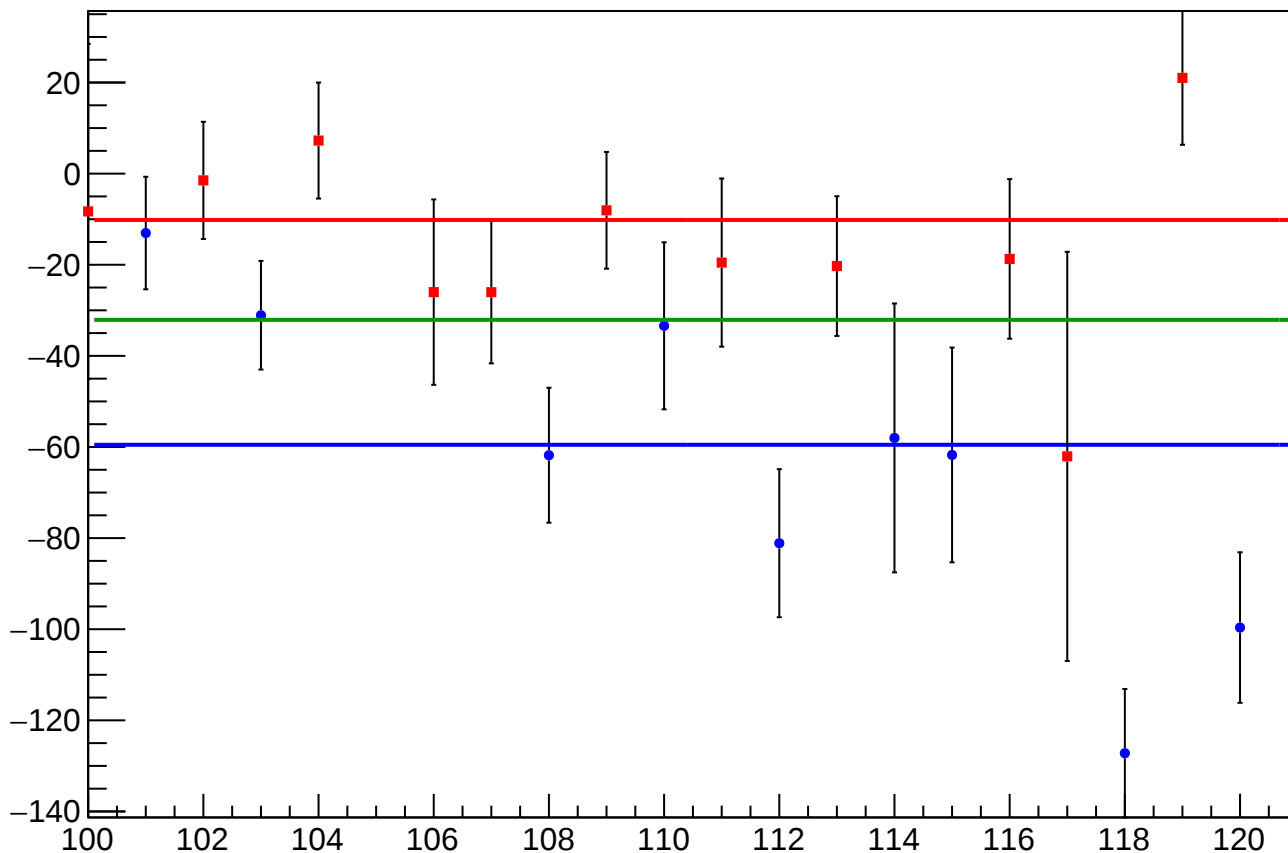
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1563.869 $\pm$ 0.598 χ^2/NDF : 49580.0/8

1540.190 $\pm$ 0.392 χ^2/NDF : 121287.4/20

1522.428 $\pm$ 0.518 χ^2/NDF : 68965.1/11

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -59.515 $\pm$ 5.230 χ^2 /NDF: 52.6/8

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

Right Out: -10.166 $\pm$ 4.676 χ^2 /NDF: 12.6/11

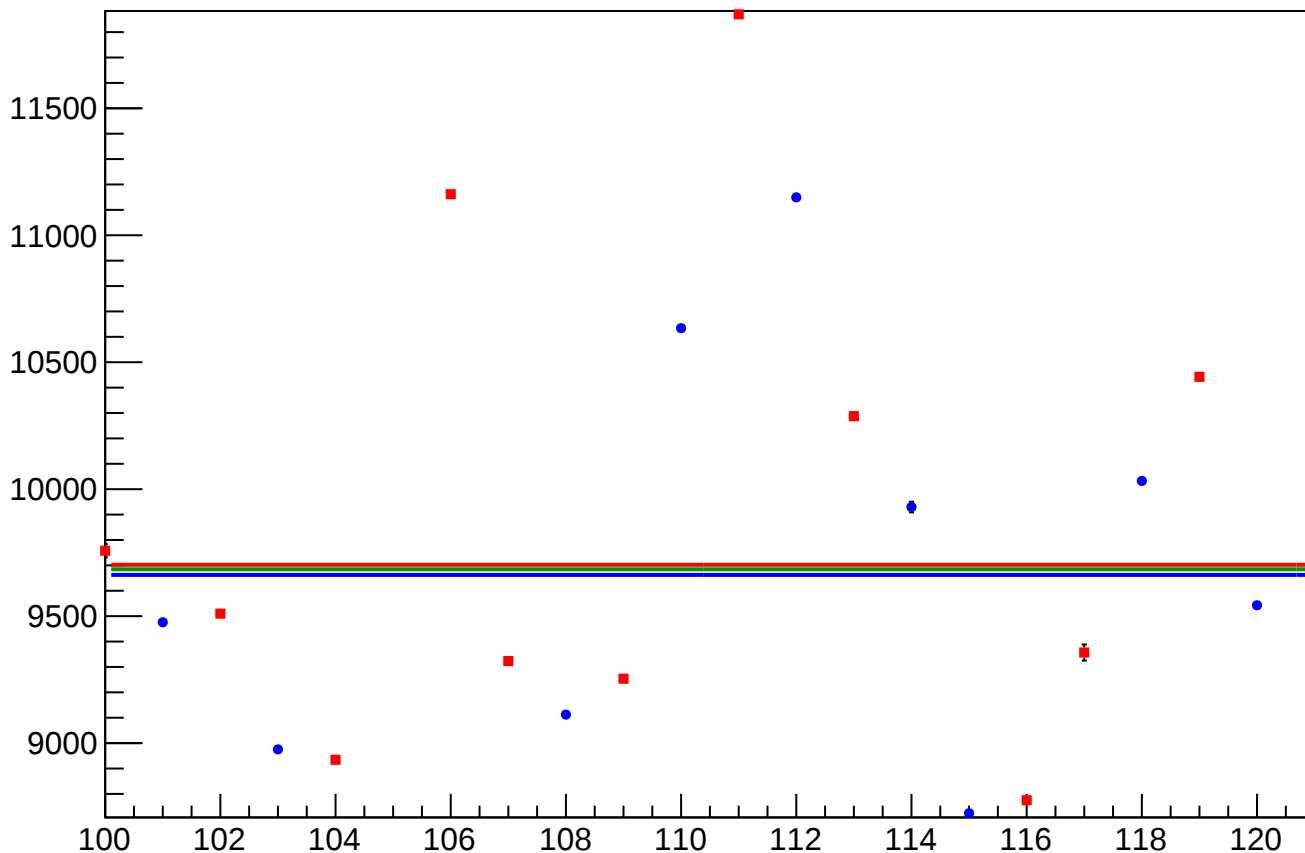
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-59.515 $\pm$ 5.230 χ^2 /NDF: 52.6/8

-32.087 $\pm$ 3.486 χ^2 /NDF: 114.7/20

-10.166 $\pm$ 4.676 χ^2 /NDF: 12.6/11

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9662.512 $\pm$ 3.698 χ^2 /NDF: 37040.4/8

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

Right Out: 9702.297 $\pm$ 3.306 χ^2 /NDF: 65636.6/11

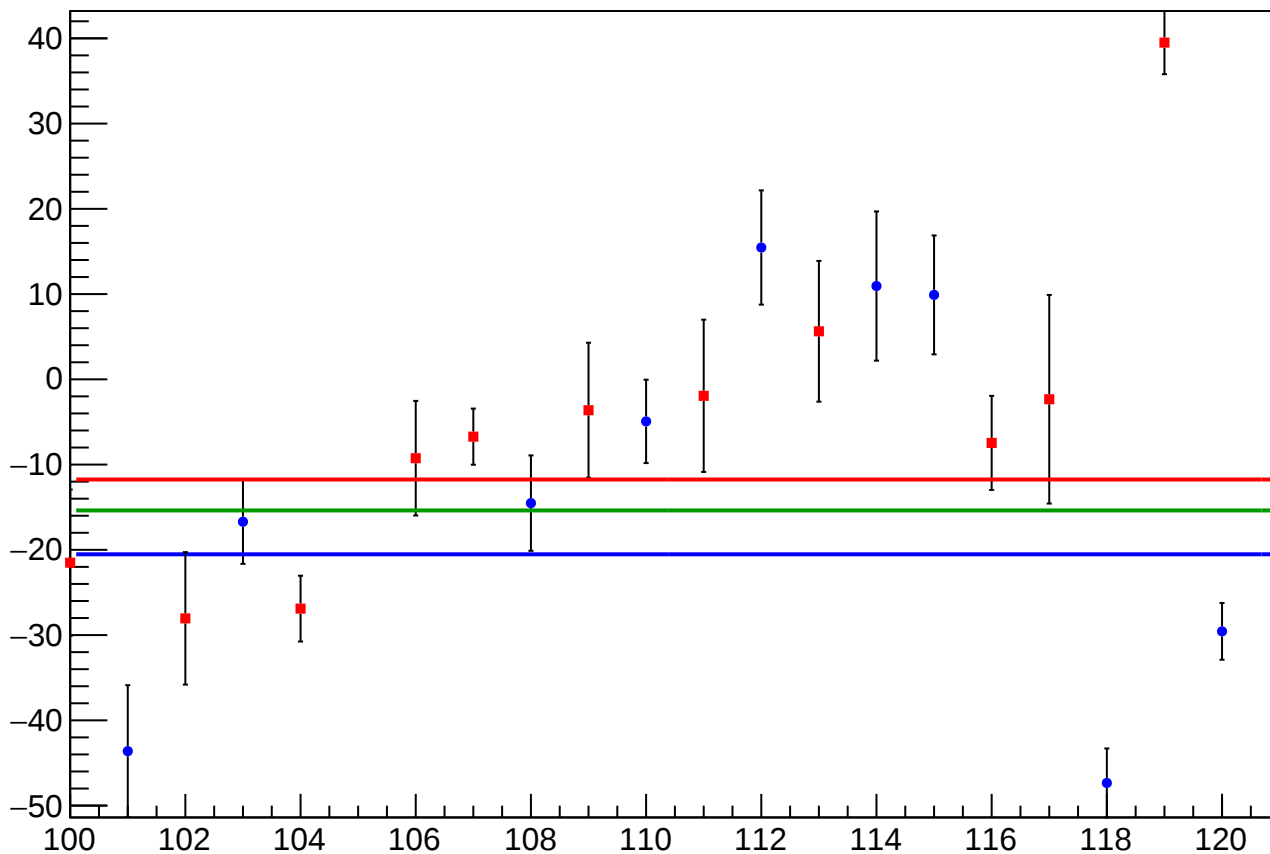
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9662.512 $\pm$ 3.698 χ^2 /NDF: 37040.4/8

9684.624 $\pm$ 2.465 χ^2 /NDF: 102741.3/20

9702.297 $\pm$ 3.306 χ^2 /NDF: 65636.6/11

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -20.522 $\pm$ 1.719 χ^2 /NDF: 132.9/8

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

Right Out: -11.751 $\pm$ 1.443 χ^2 /NDF: 334.1/11

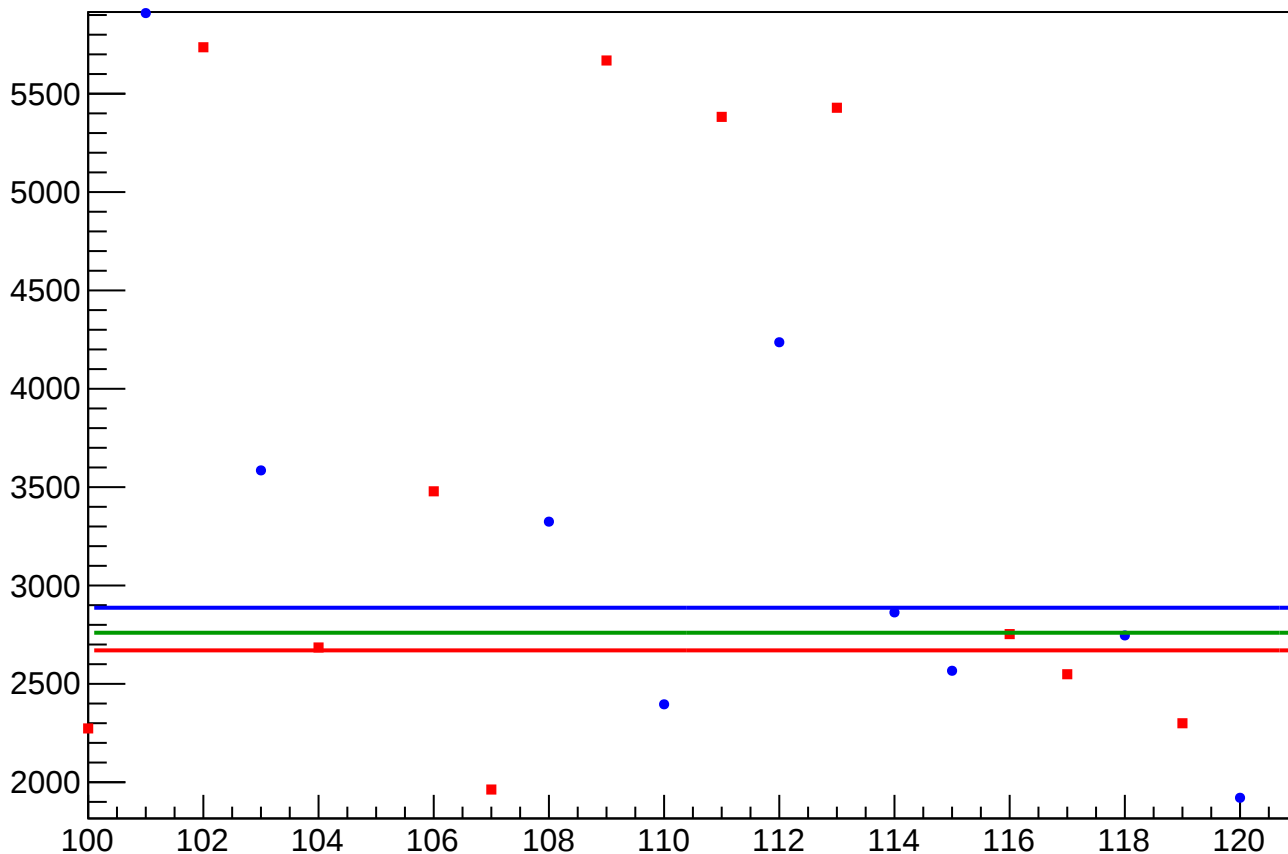
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-20.522 $\pm$ 1.719 χ^2 /NDF: 132.9/8

-15.379 $\pm$ 1.105 χ^2 /NDF: 482.3/20

-11.751 $\pm$ 1.443 χ^2 /NDF: 334.1/11

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2886.972 ± 1.215 χ^2/NDF : 633463.8/8

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

Right Out: 2670.222 ± 1.021 χ^2/NDF : 1315984.4/11

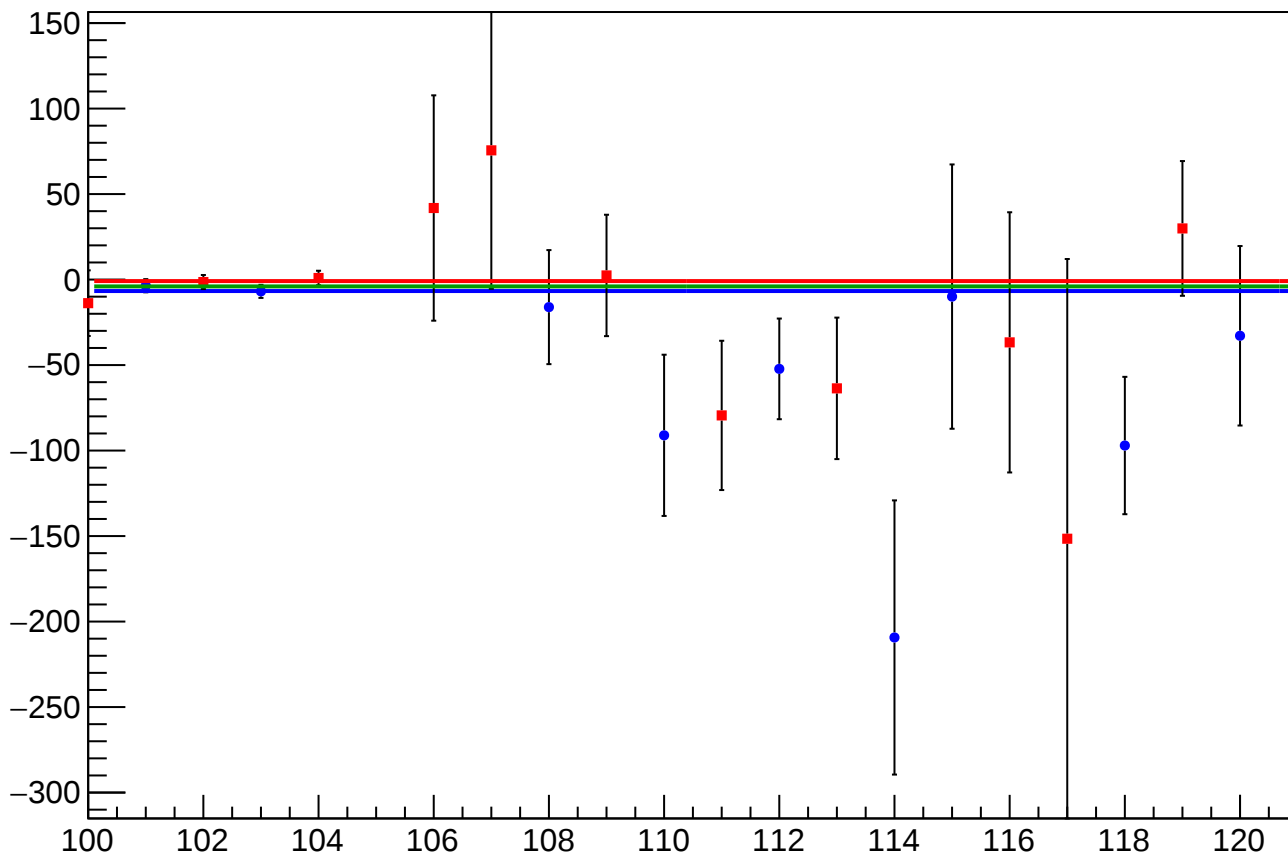
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2886.972 ± 1.215 χ^2/NDF : 633463.8/8

2759.866 ± 0.782 χ^2/NDF : 1968103.4/20

2670.222 ± 1.021 χ^2/NDF : 1315984.4/11

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.710+/-2.678 χ^2 /NDF: 18.0/8

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

Right Out: -0.887+/-2.875 χ^2 /NDF: 9.6/11

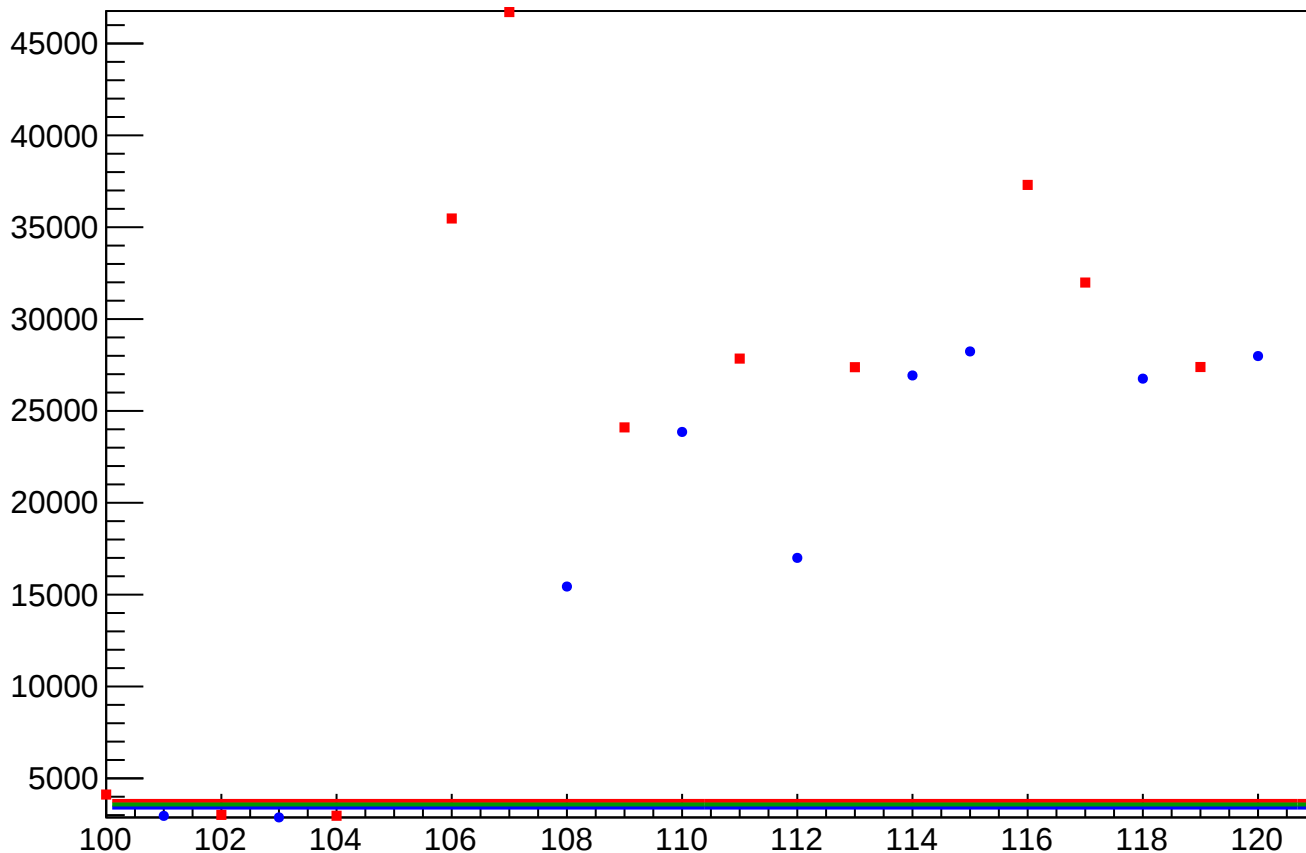
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.710+/-2.678 χ^2 /NDF: 18.0/8

-4.005+/-1.959 χ^2 /NDF: 29.8/20

-0.887+/-2.875 χ^2 /NDF: 9.6/11

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3409.115+/-1.893 χ^2/NDF : 2622675.0/8

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

Right Out: 3771.279+/-2.033 χ^2/NDF : 4793119.8/11

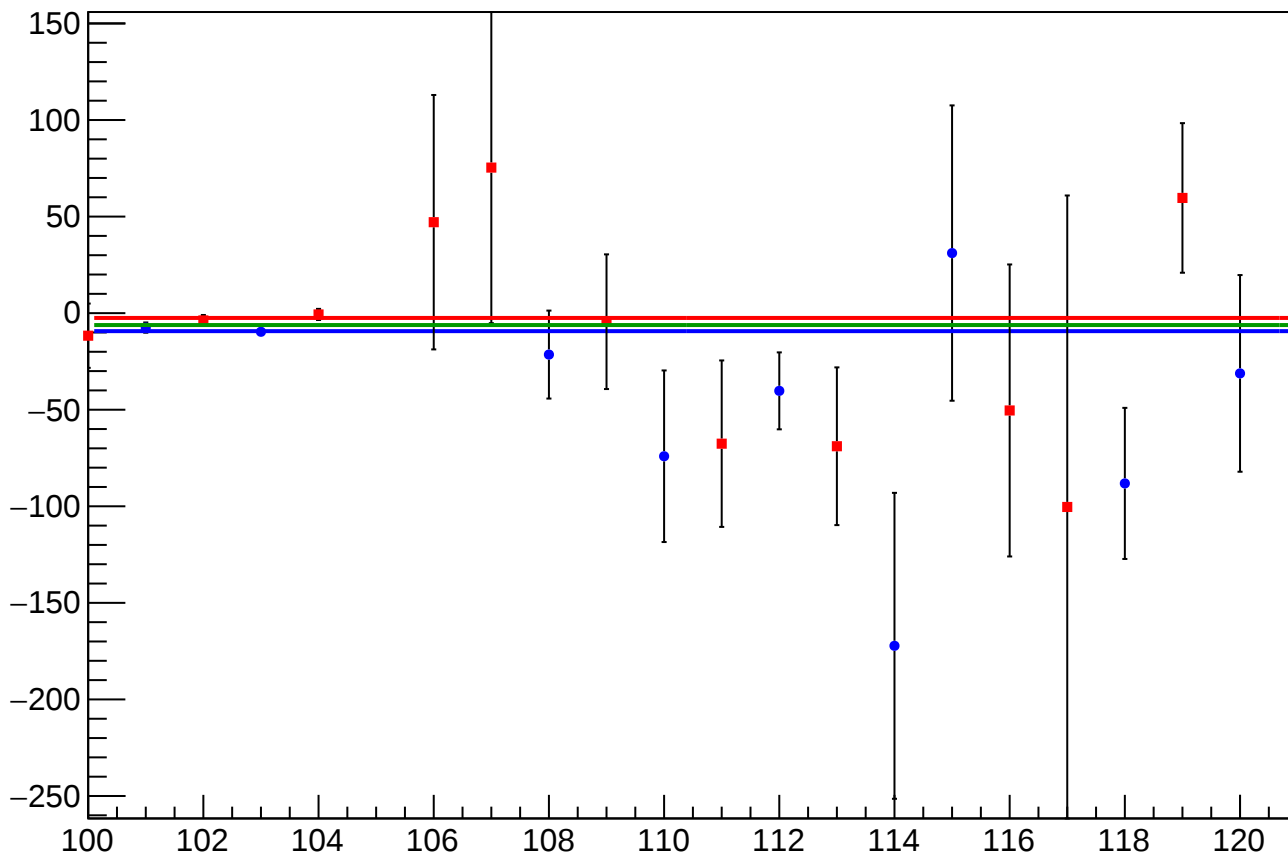
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3409.115+/-1.893 χ^2/NDF : 2622675.0/8

3577.335+/-1.386 χ^2/NDF : 7432789.6/20

3771.279+/-2.033 χ^2/NDF : 4793119.8/11

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.314+/-1.837 χ^2 /NDF: 14.1/8

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

Right Out: -2.478+/-1.984 χ^2 /NDF: 10.7/11

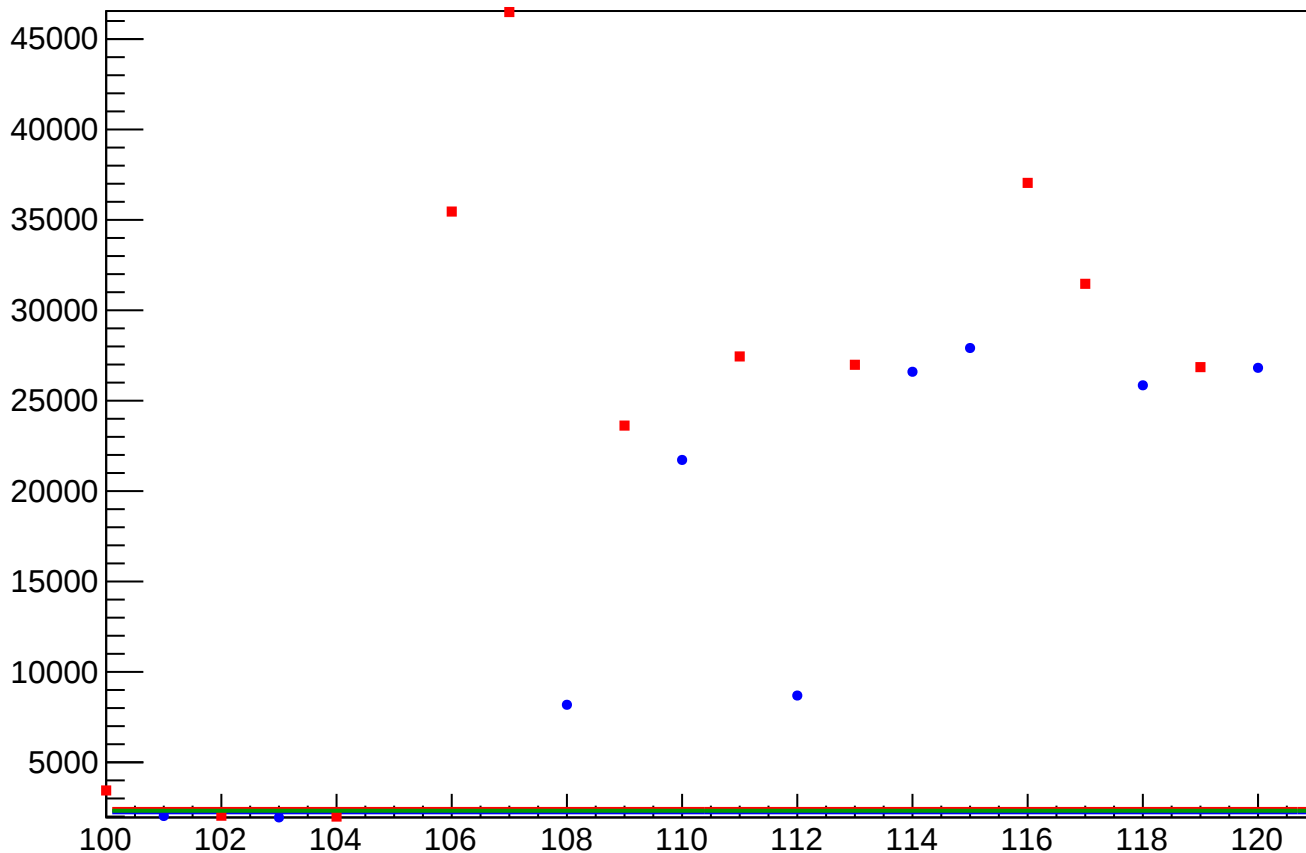
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-9.314+/-1.837 χ^2 /NDF: 14.1/8

-6.160+/-1.348 χ^2 /NDF: 31.2/20

-2.478+/-1.984 χ^2 /NDF: 10.7/11

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2234.442 $\pm$ 1.299 χ^2 /NDF: 2377234.0/8

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

Right Out: 2421.329 $\pm$ 1.403 χ^2 /NDF: 5202651.5/11

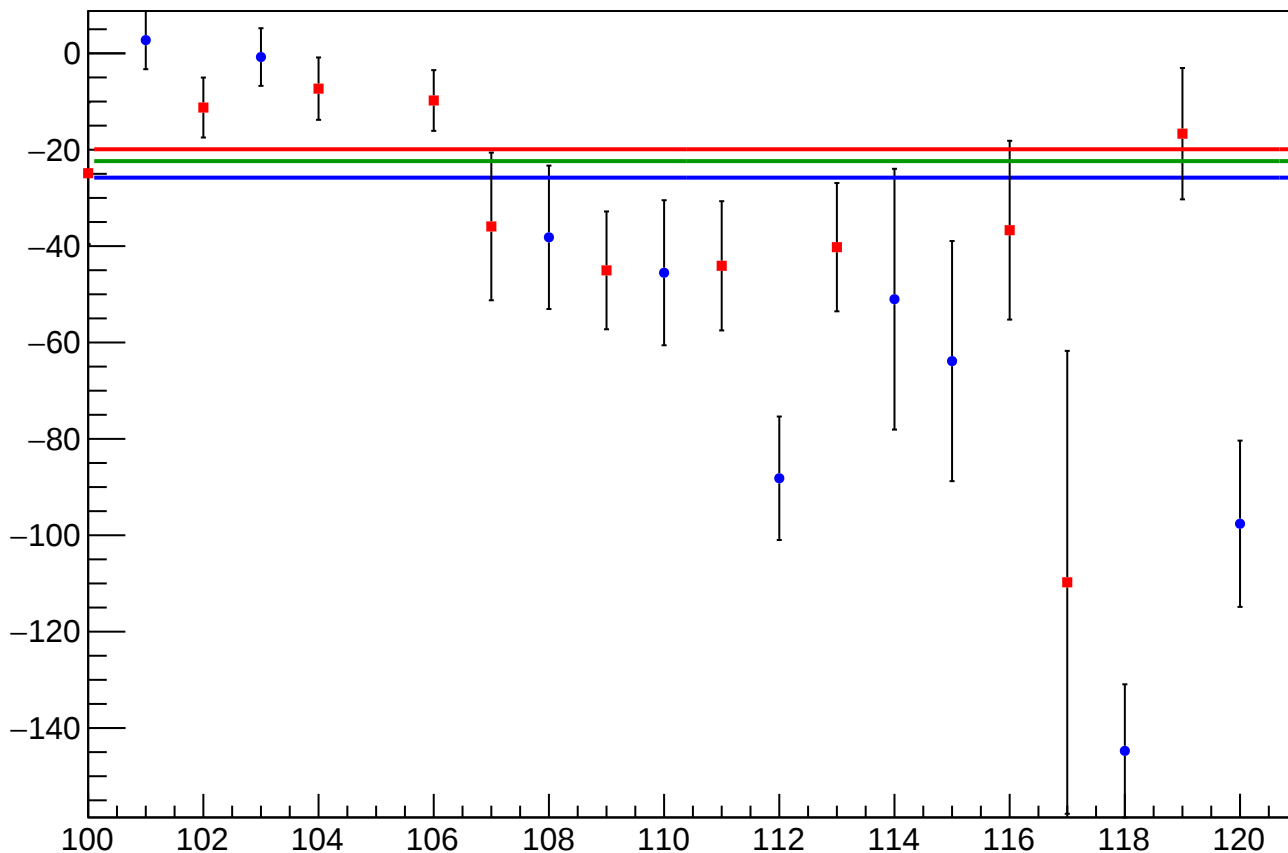
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2234.442 $\pm$ 1.299 χ^2 /NDF: 2377234.0/8

2320.674 $\pm$ 0.953 χ^2 /NDF: 7589440.9/20

2421.329 $\pm$ 1.403 χ^2 /NDF: 5202651.5/11

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -25.790 $\pm$ 3.492 χ^2 /NDF: 160.7/8

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

Right Out: -19.903 $\pm$ 2.958 χ^2 /NDF: 34.0/11

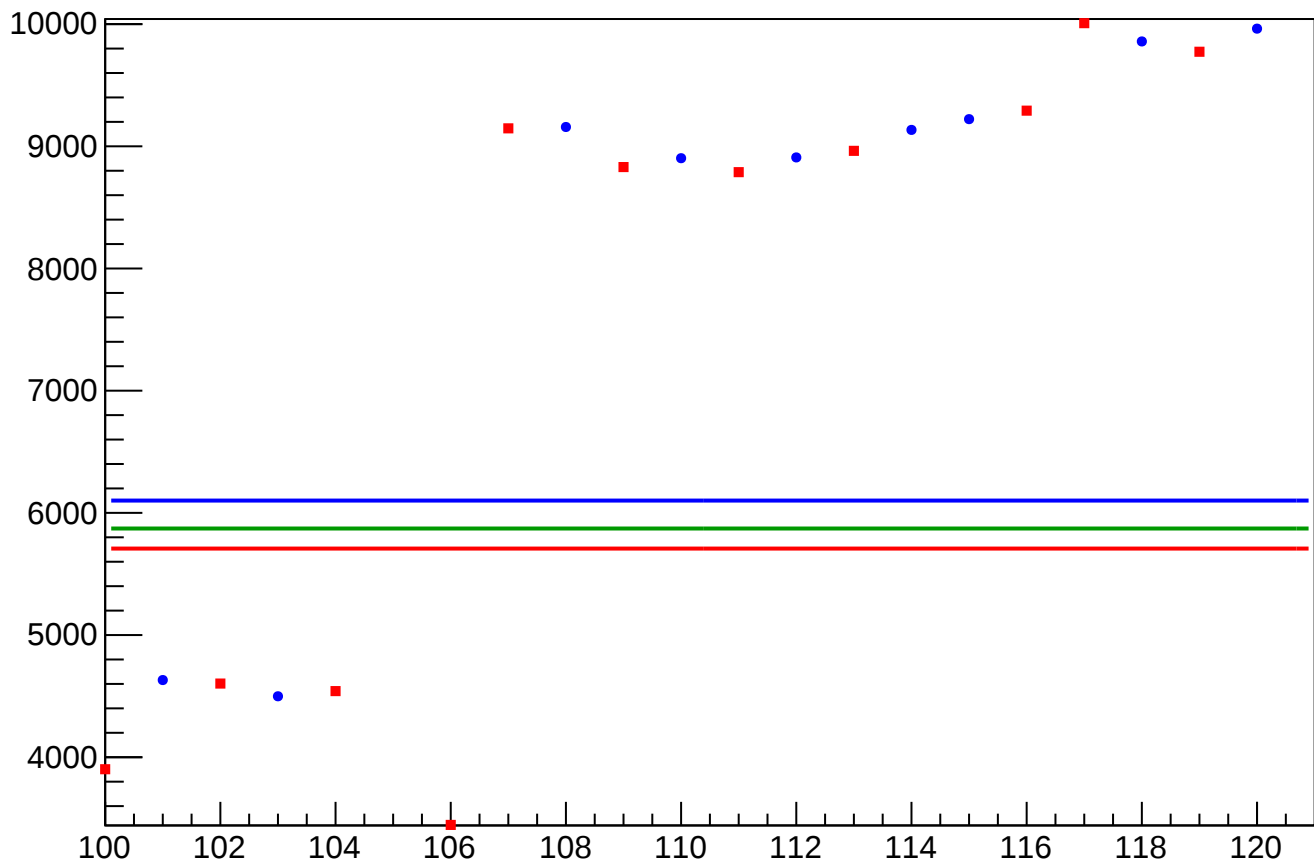
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-25.790 $\pm$ 3.492 χ^2 /NDF: 160.7/8

-22.362 $\pm$ 2.257 χ^2 /NDF: 196.3/20

-19.903 $\pm$ 2.958 χ^2 /NDF: 34.0/11

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6100.650+/-2.469 χ^2/NDF : 816660.9/8

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

Right Out: 5707.817+/-2.091 χ^2/NDF : 1280948.2/11

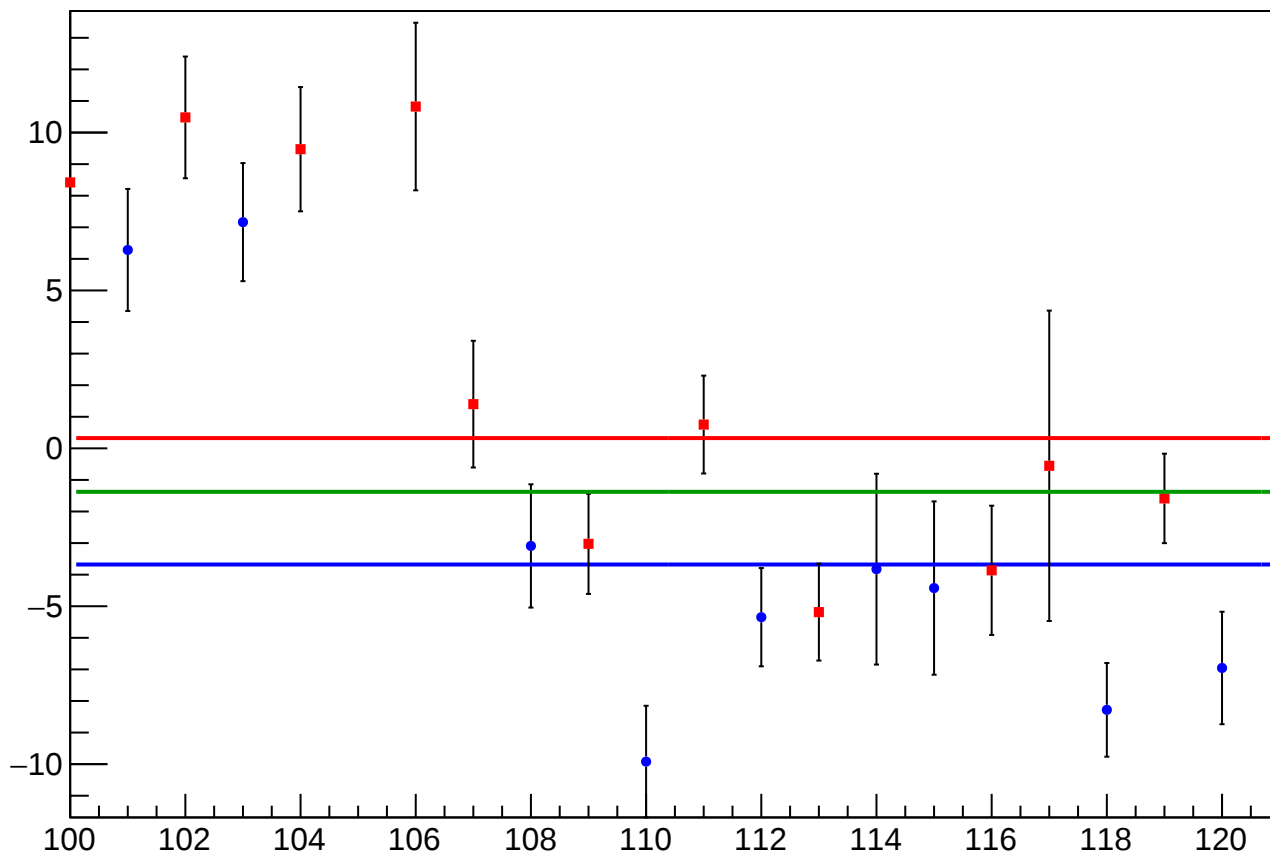
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6100.650+/-2.469 χ^2/NDF : 816660.9/8

5871.929+/-1.596 χ^2/NDF : 2112349.3/20

5707.817+/-2.091 χ^2/NDF : 1280948.2/11

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.678+/-0.625 χ^2/NDF : 87.0/8

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

Right Out: 0.325+/-0.537 χ^2/NDF : 96.5/11

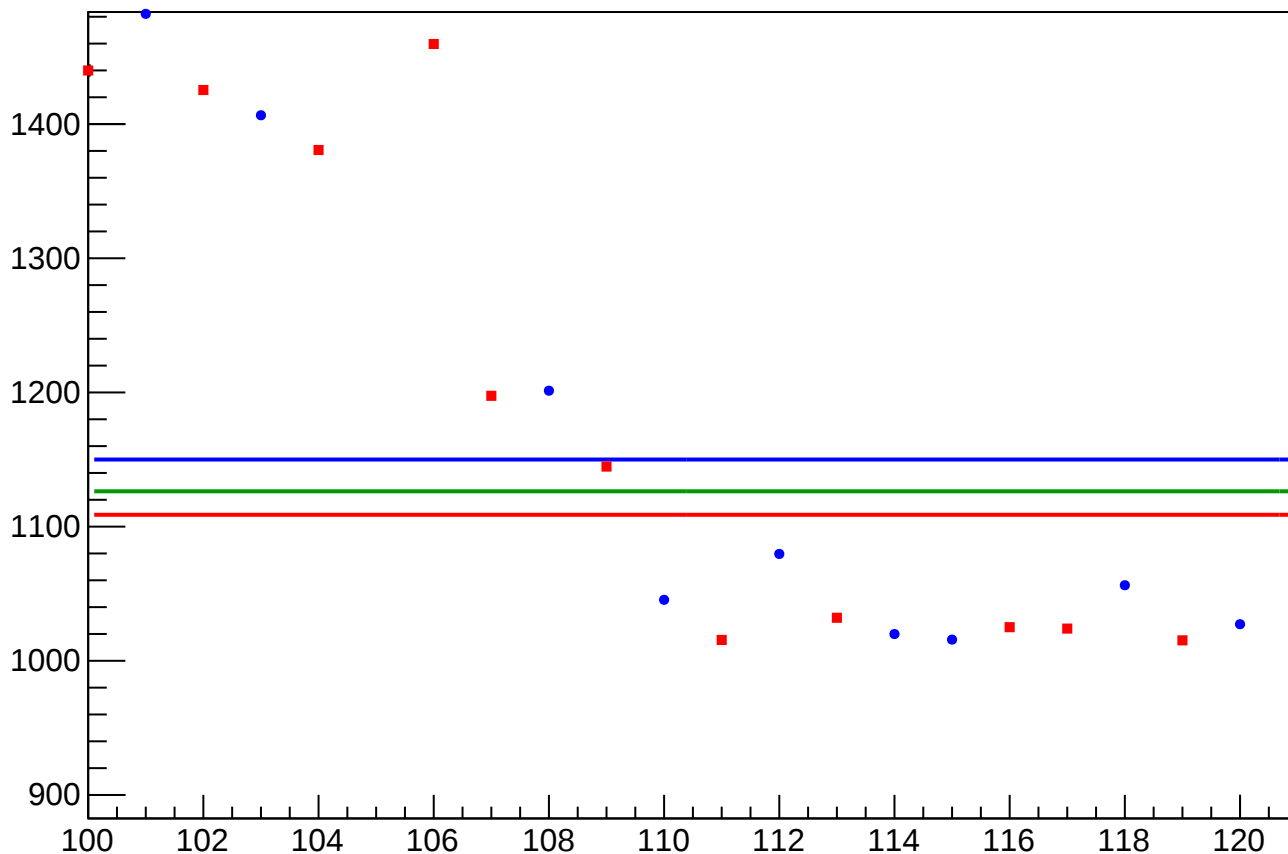
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.678+/-0.625 χ^2/NDF : 87.0/8

-1.377+/-0.407 χ^2/NDF : 207.1/20

0.325+/-0.537 χ^2/NDF : 96.5/11

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1150.013+/-0.442 χ^2/NDF : 135187.2/8

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

Right Out: 1108.827+/-0.380 χ^2/NDF : 214564.1/11

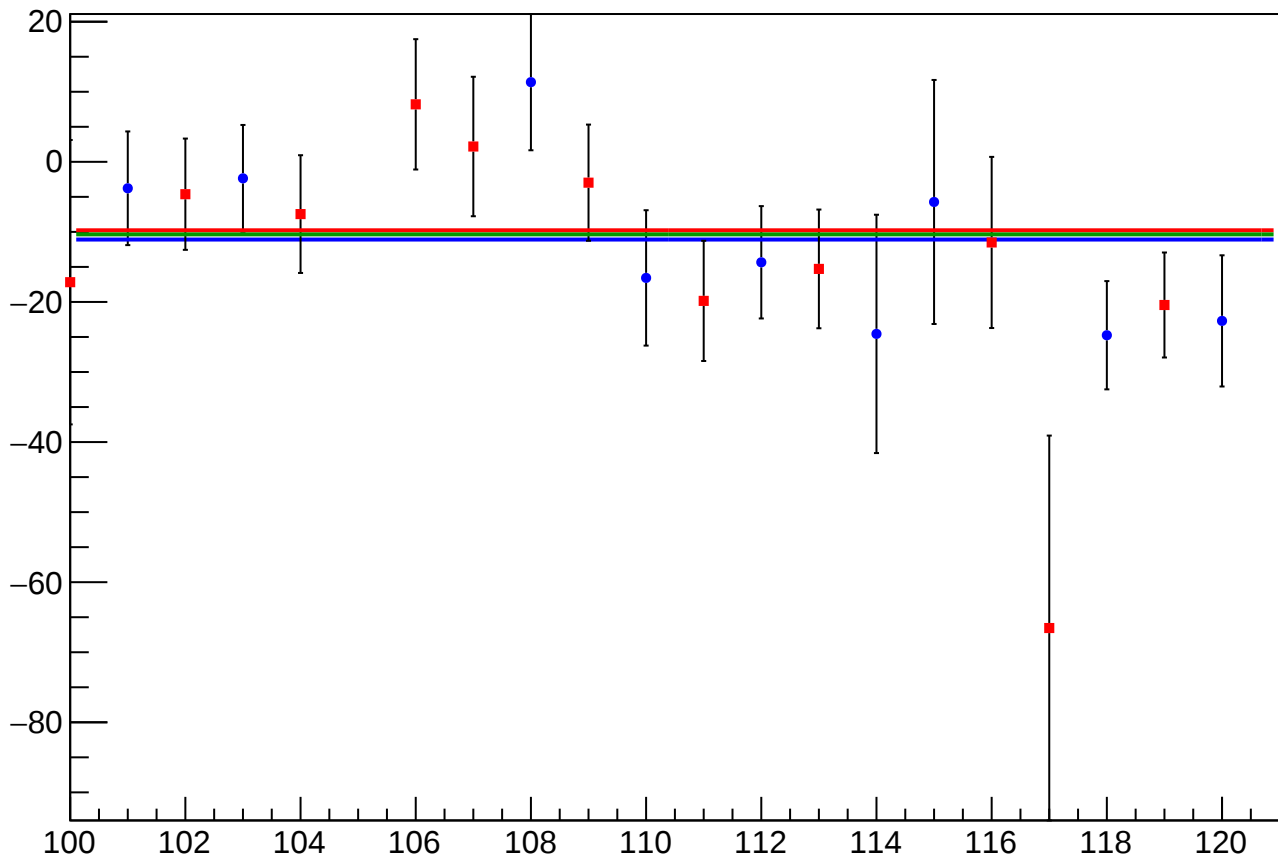
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1150.013+/-0.442 χ^2/NDF : 135187.2/8

1126.336+/-0.288 χ^2/NDF : 354745.9/20

1108.827+/-0.380 χ^2/NDF : 214564.1/11

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.093+/-3.098 χ^2/NDF : 13.3/8

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

Right Out: -9.773+/-2.746 χ^2/NDF : 14.7/11

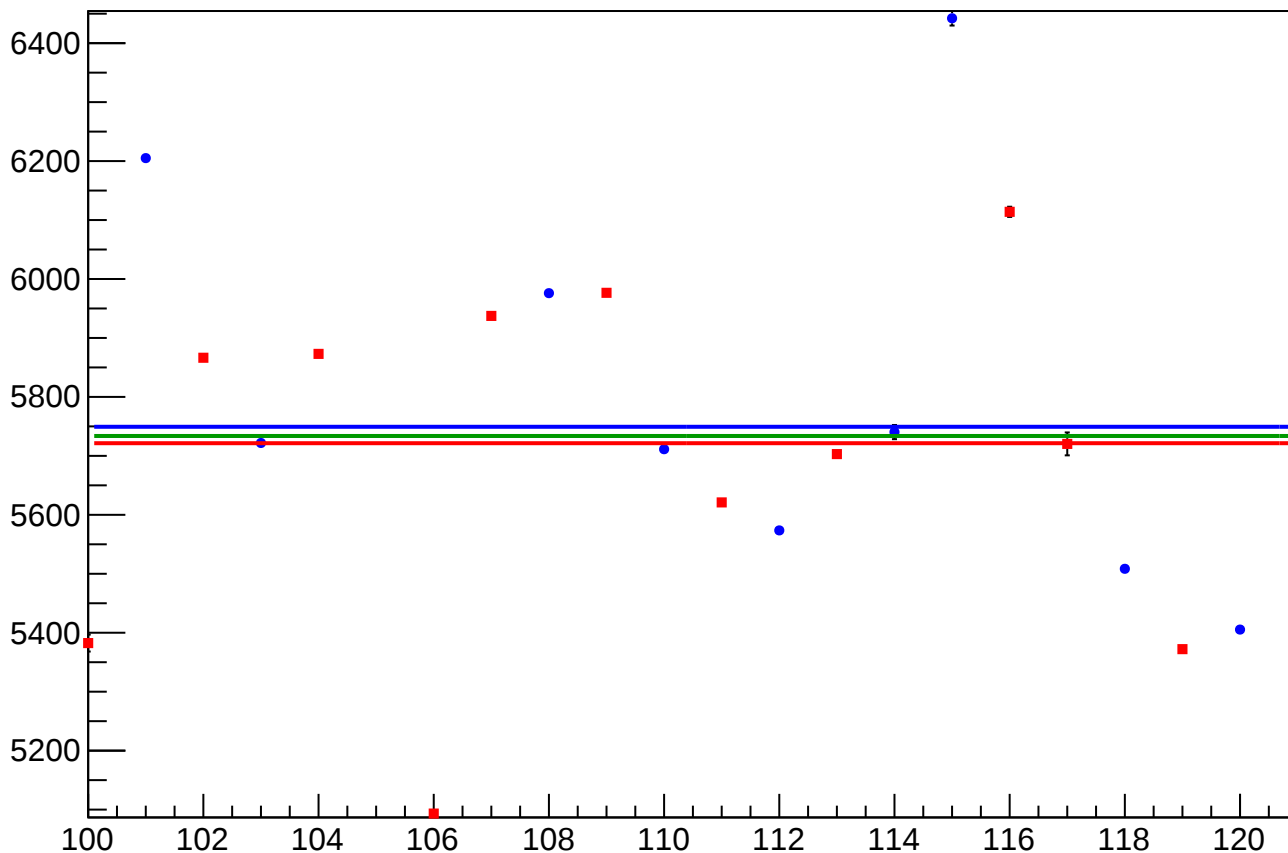
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.093+/-3.098 χ^2/NDF : 13.3/8

-10.354+/-2.055 χ^2/NDF : 28.1/20

-9.773+/-2.746 χ^2/NDF : 14.7/11

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5749.340+/-2.191 χ^2/NDF : 16224.5/8

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

Right Out: 5721.478+/-1.941 χ^2/NDF : 22172.7/11

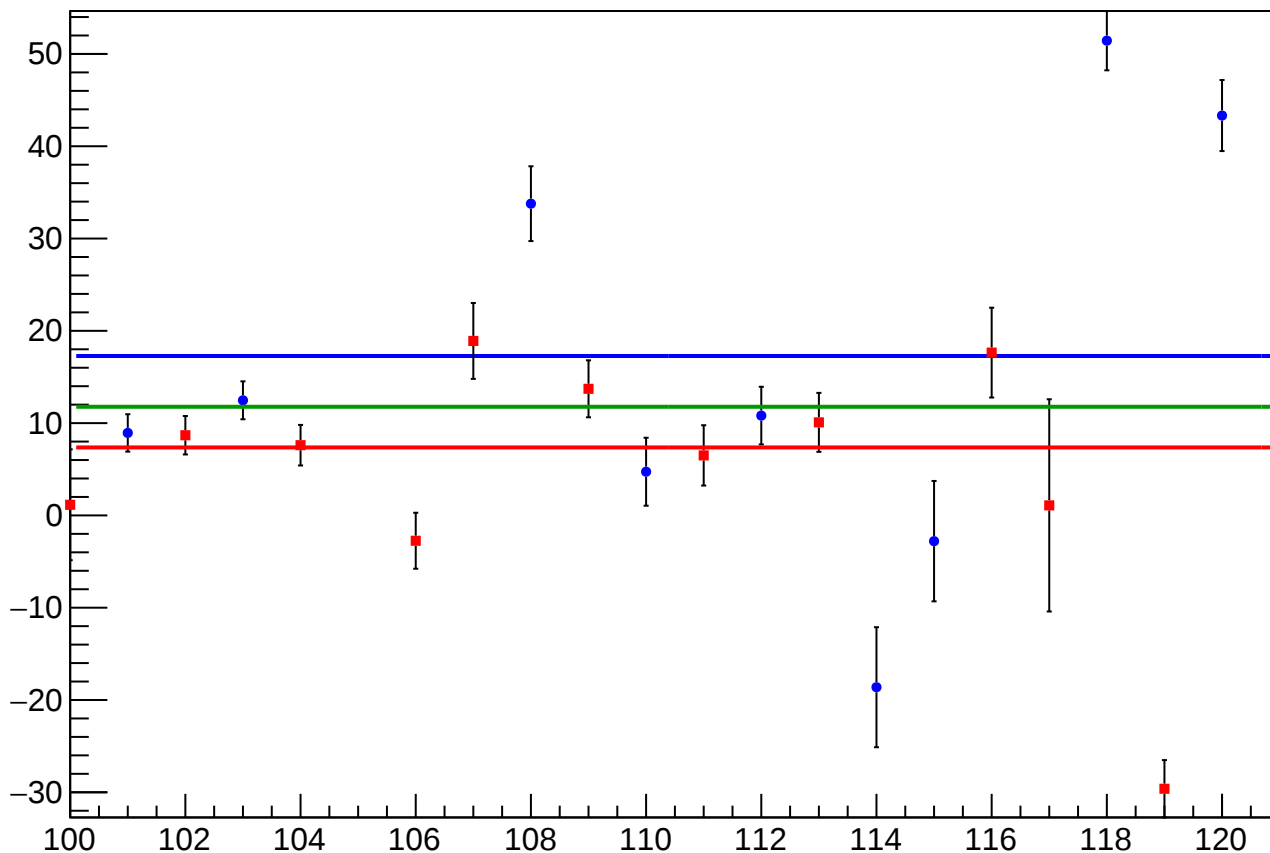
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5749.340+/-2.191 χ^2/NDF : 16224.5/8

5733.733+/-1.453 χ^2/NDF : 38487.8/20

5721.478+/-1.941 χ^2/NDF : 22172.7/11

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 17.274+/-1.037 χ^2/NDF : 253.7/8

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

Right Out: 7.365+/-0.928 χ^2/NDF : 275.8/11

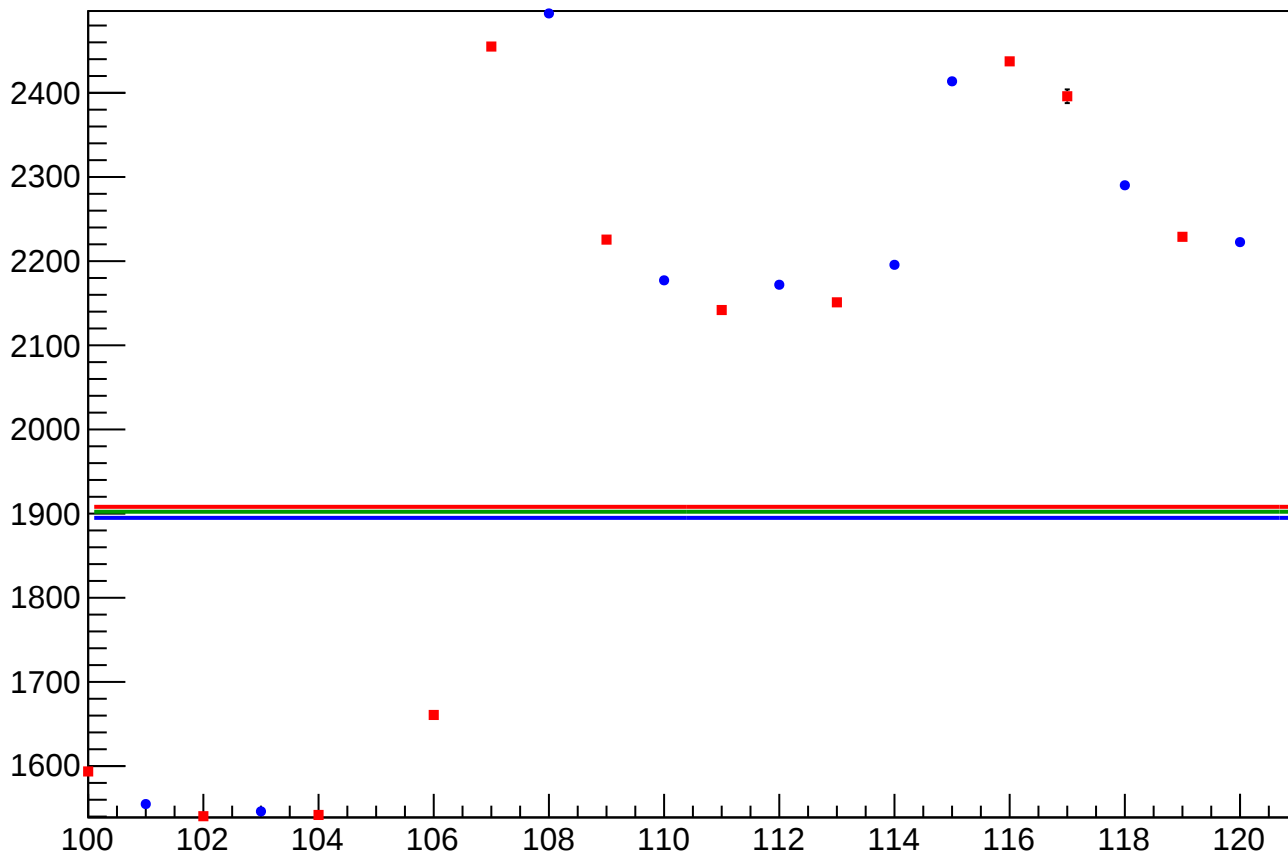
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.274+/-1.037 χ^2/NDF : 253.7/8

11.772+/-0.692 χ^2/NDF : 580.2/20

7.365+/-0.928 χ^2/NDF : 275.8/11

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1894.962 $\pm$ 0.734 χ^2/NDF : 246921.6/8

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

Right Out: 1908.068 $\pm$ 0.657 χ^2/NDF : 280697.4/11

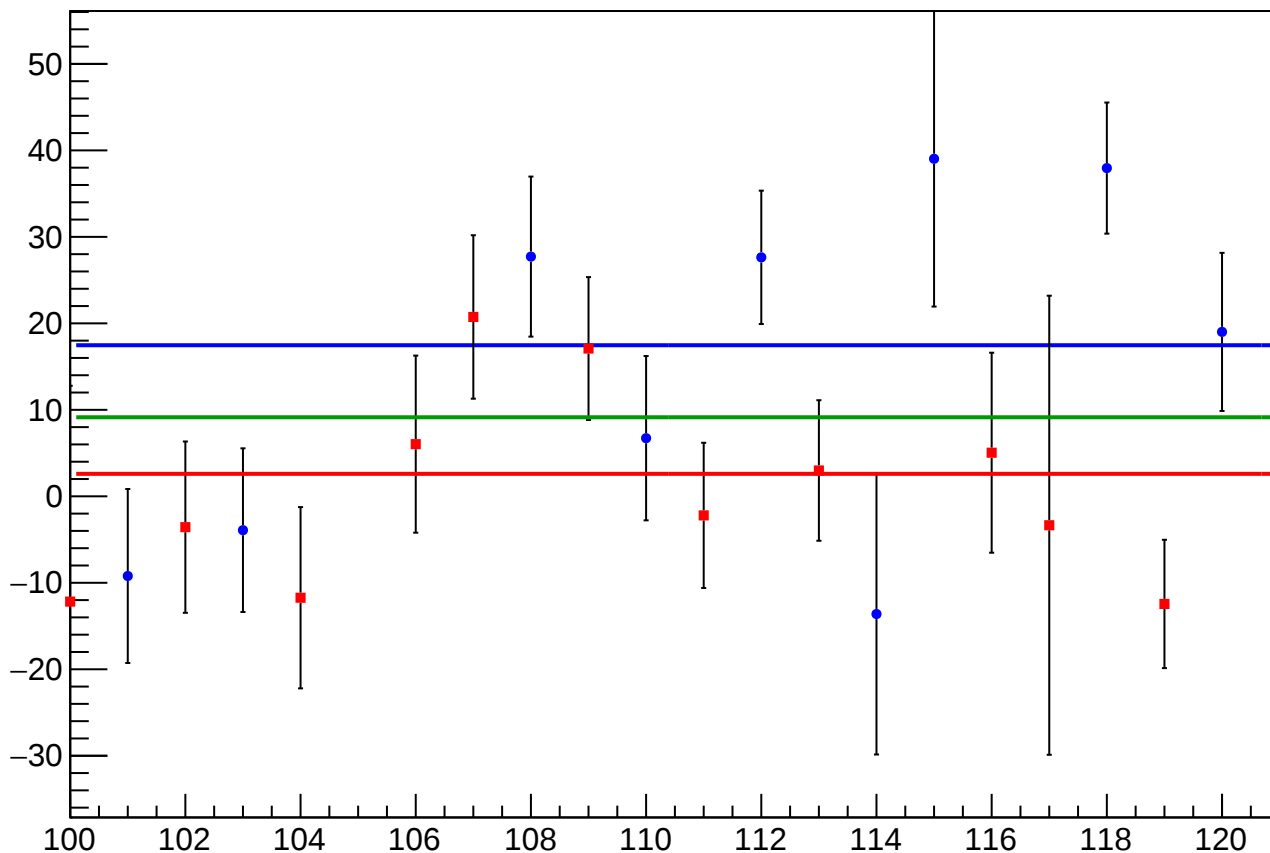
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1894.962 $\pm$ 0.734 χ^2/NDF : 246921.6/8

1902.238 $\pm$ 0.489 χ^2/NDF : 527796.2/20

1908.068 $\pm$ 0.657 χ^2/NDF : 280697.4/11

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 17.470+/-3.207 χ^2/NDF : 29.0/8

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

Right Out: 2.599+/-2.842 χ^2/NDF : 14.8/11

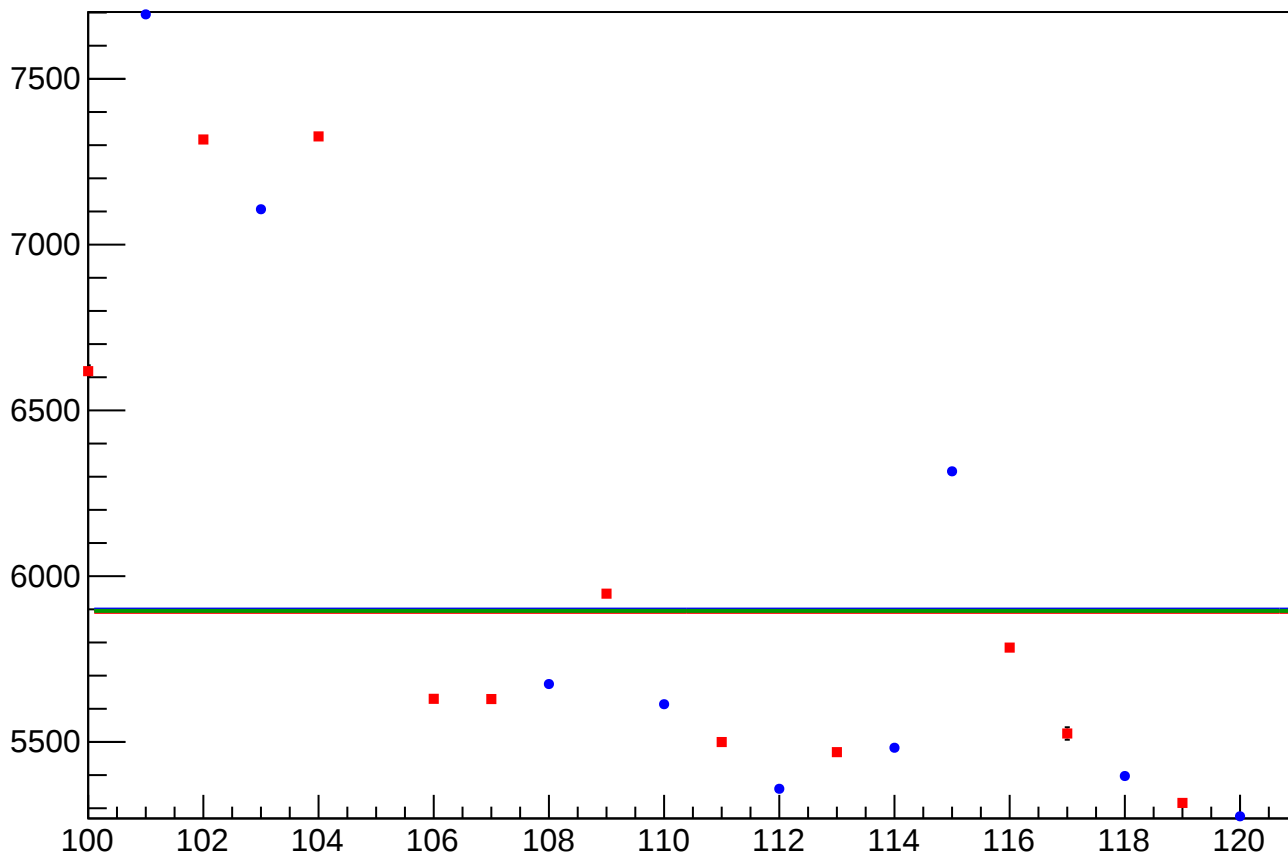
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.470+/-3.207 χ^2/NDF : 29.0/8

9.140+/-2.127 χ^2/NDF : 55.8/20

2.599+/-2.842 χ^2/NDF : 14.8/11

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 5899.181+/-2.268 χ^2/NDF : 129655.0/8

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

Right Out: 5892.368+/-2.010 χ^2/NDF : 105911.6/11

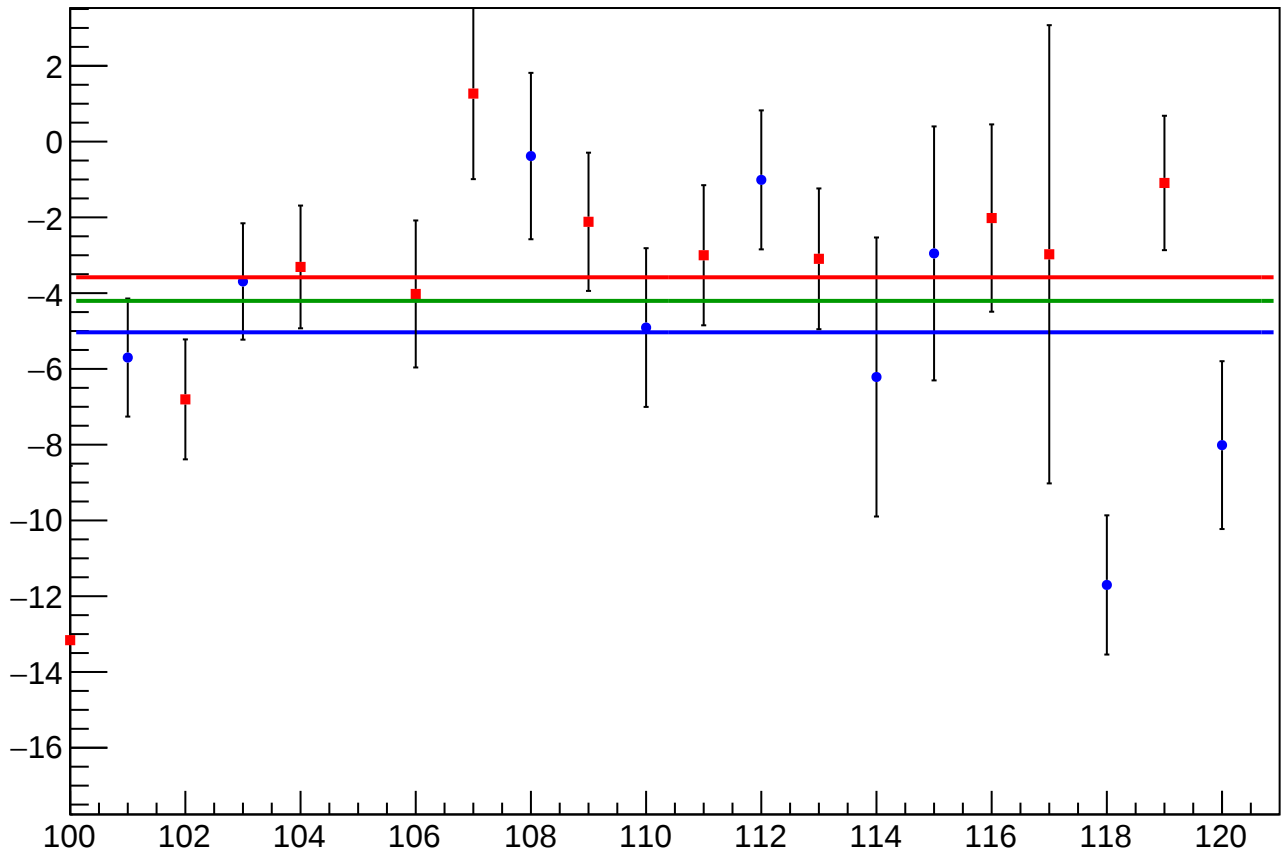
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5899.181+/-2.268 χ^2/NDF : 129655.0/8

5895.364+/-1.504 χ^2/NDF : 235571.7/20

5892.368+/-2.010 χ^2/NDF : 105911.6/11

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -5.034 $\pm$ 0.670 χ^2 /NDF: 25.7/8

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

Right Out: -3.582 $\pm$ 0.580 χ^2 /NDF: 19.9/11

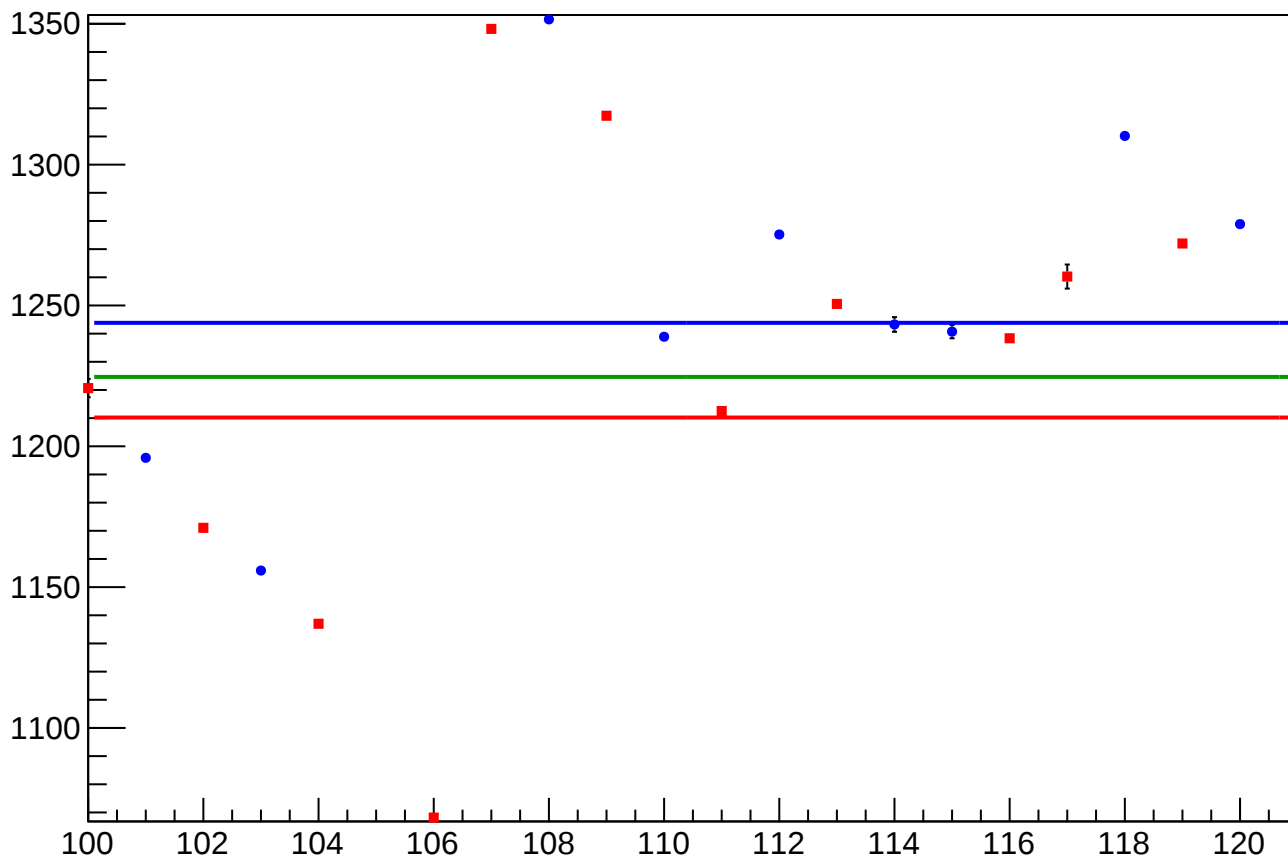
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-5.034 $\pm$ 0.670 χ^2 /NDF: 25.7/8

-4.204 $\pm$ 0.438 χ^2 /NDF: 48.3/20

-3.582 $\pm$ 0.580 χ^2 /NDF: 19.9/11

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1243.836 $\pm$ 0.473 χ^2 /NDF: 16969.7/8

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

Right Out: 1210.215 $\pm$ 0.410 χ^2 /NDF: 36035.3/11

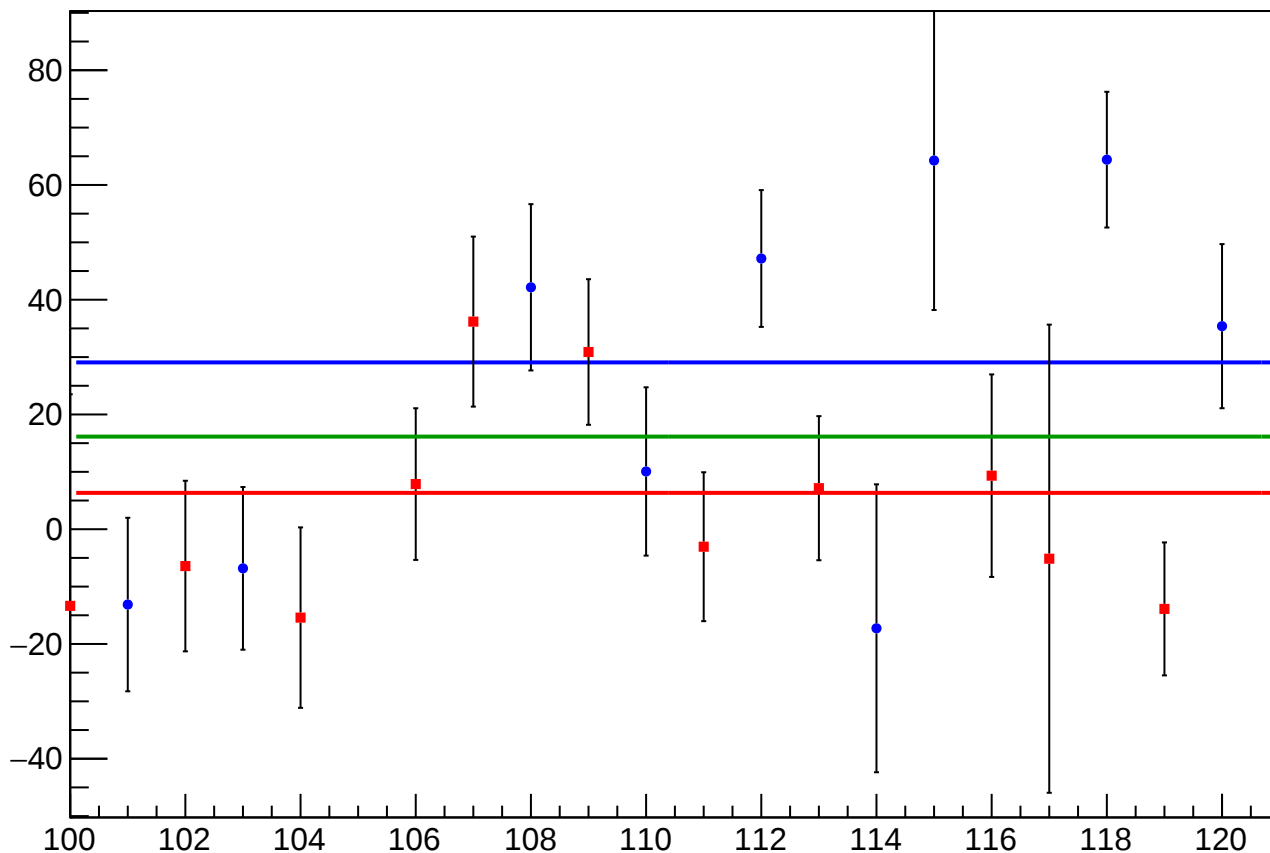
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1243.836 $\pm$ 0.473 χ^2 /NDF: 16969.7/8

1224.636 $\pm$ 0.310 χ^2 /NDF: 55884.9/20

1210.215 $\pm$ 0.410 χ^2 /NDF: 36035.3/11

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 29.073+/-4.945 χ^2 /NDF: 33.4/8

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

Right Out: 6.337+/-4.306 χ^2 /NDF: 15.3/11

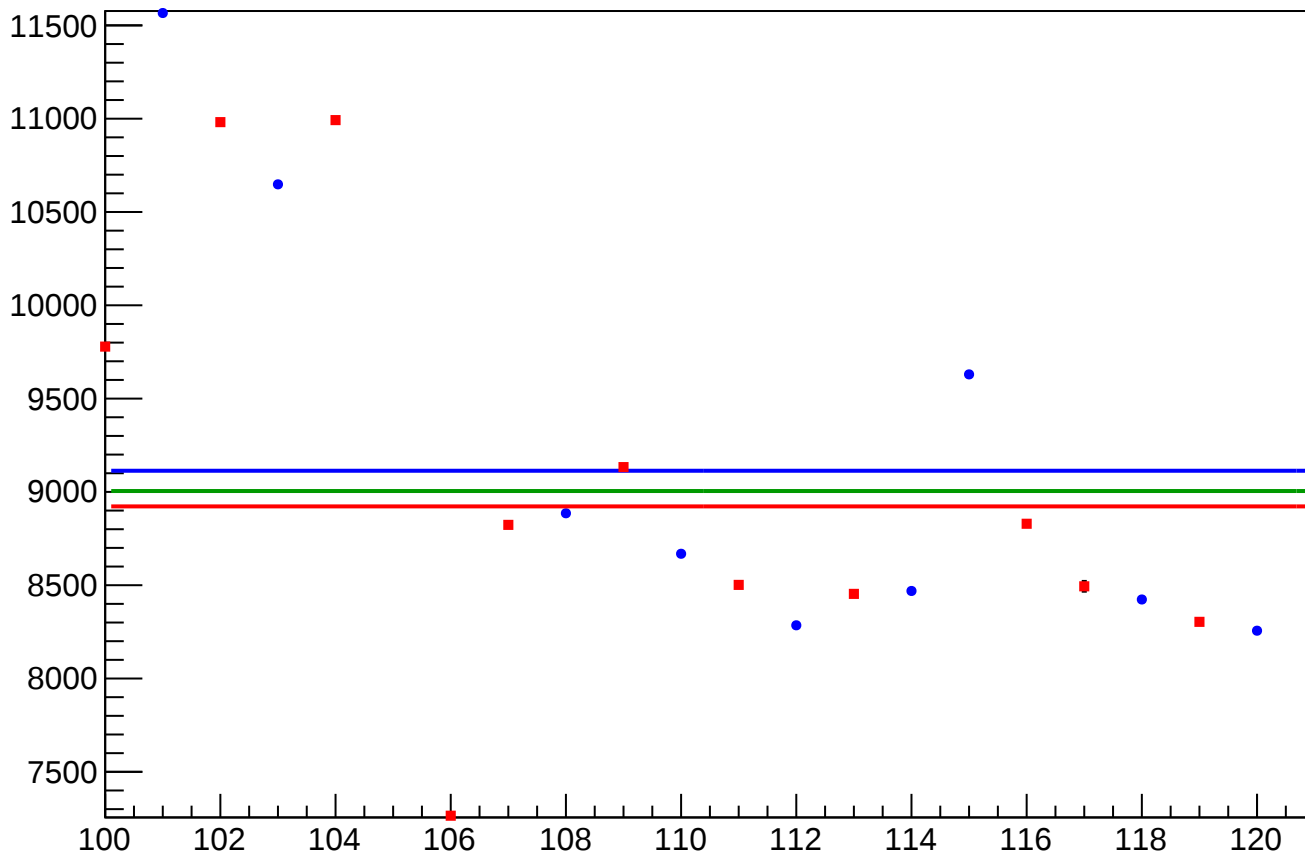
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

29.073+/-4.945 χ^2 /NDF: 33.4/8

16.141+/-3.248 χ^2 /NDF: 60.6/20

6.337+/-4.306 χ^2 /NDF: 15.3/11

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9113.367 $\pm$ 3.497 χ^2 /NDF: 104134.2/8

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

Right Out: 8922.341 $\pm$ 3.045 χ^2 /NDF: 117463.4/11

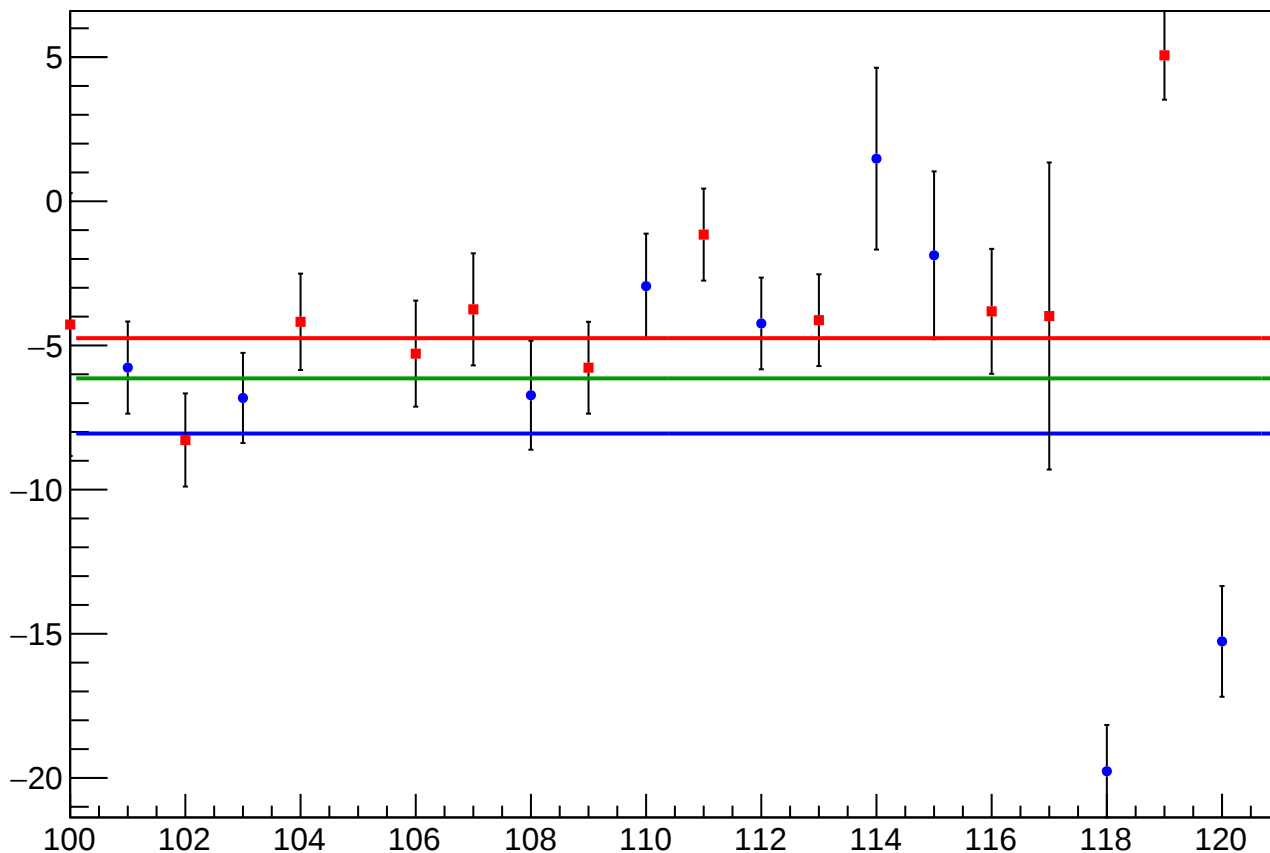
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9113.367 $\pm$ 3.497 χ^2 /NDF: 104134.2/8

9004.718 $\pm$ 2.296 χ^2 /NDF: 223294.9/20

8922.341 $\pm$ 3.045 χ^2 /NDF: 117463.4/11

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -8.054+/-0.613 χ^2/NDF : 98.0/8

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

Right Out: -4.748+/-0.524 χ^2/NDF : 99.7/11

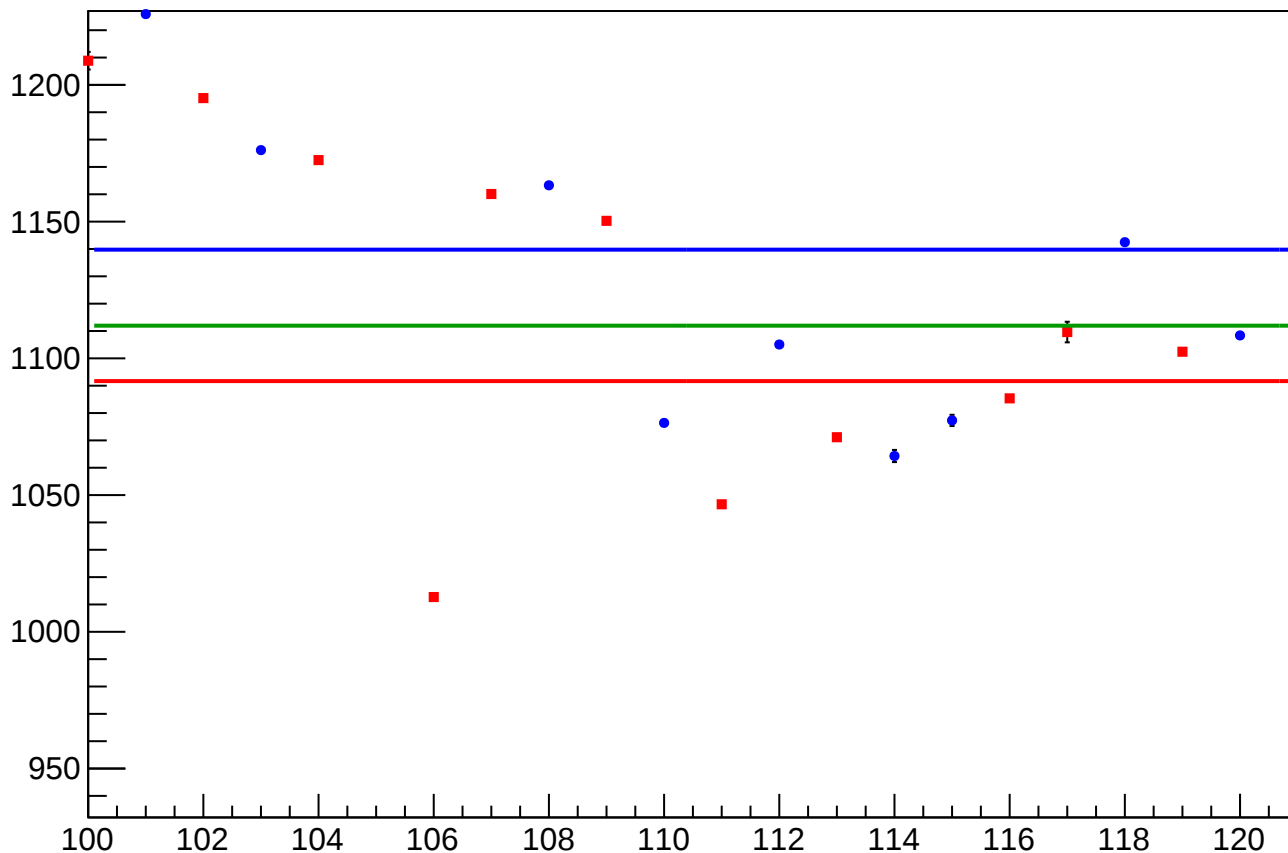
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.054+/-0.613 χ^2/NDF : 98.0/8

-6.142+/-0.398 χ^2/NDF : 214.5/20

-4.748+/-0.524 χ^2/NDF : 99.7/11

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1139.750 $\pm$ 0.434 χ^2 /NDF: 13189.8/8

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

Right Out: 1091.683 $\pm$ 0.370 χ^2 /NDF: 47391.0/11

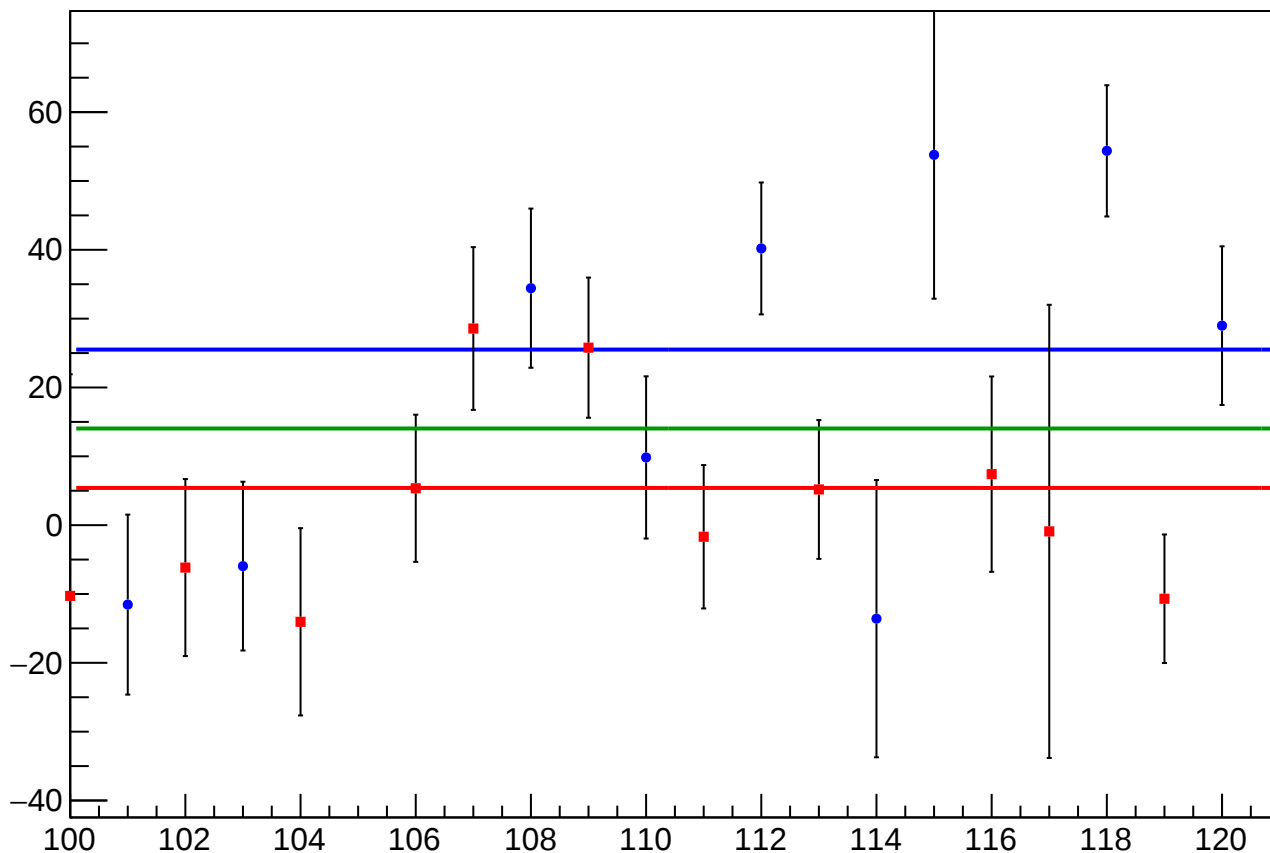
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1139.750 $\pm$ 0.434 χ^2 /NDF: 13189.8/8

1111.951 $\pm$ 0.282 χ^2 /NDF: 67682.9/20

1091.683 $\pm$ 0.370 χ^2 /NDF: 47391.0/11

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 25.506+/-4.037 χ^2/NDF : 34.2/8

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

Right Out: 5.408+/-3.503 χ^2/NDF : 15.2/11

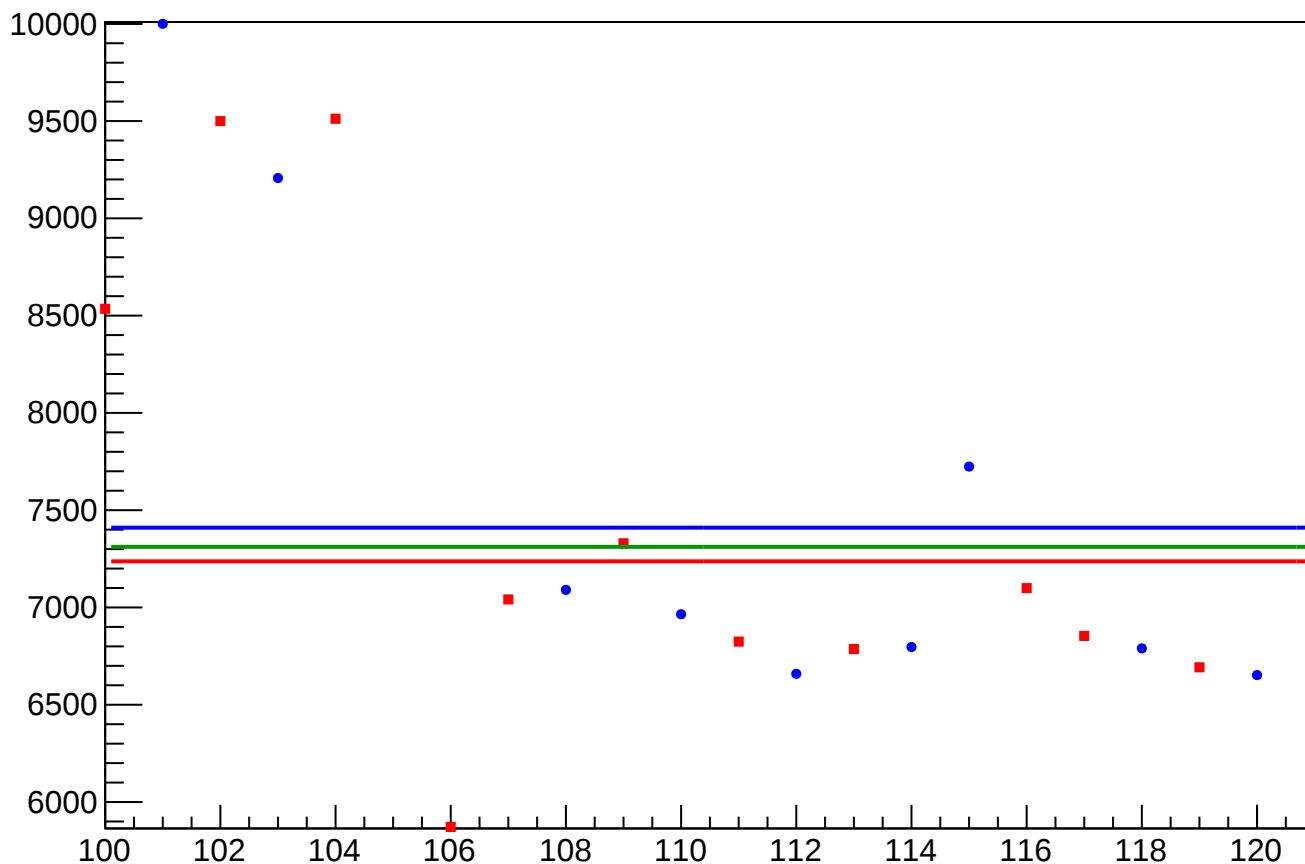
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.506+/-4.037 χ^2/NDF : 34.2/8

14.042+/-2.646 χ^2/NDF : 63.6/20

5.408+/-3.503 χ^2/NDF : 15.2/11

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7410.238 ± 2.855 $\chi^2/\text{NDF}: 157547.3/8$

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

Right Out: 7237.095 ± 2.477 $\chi^2/\text{NDF}: 168983.6/11$

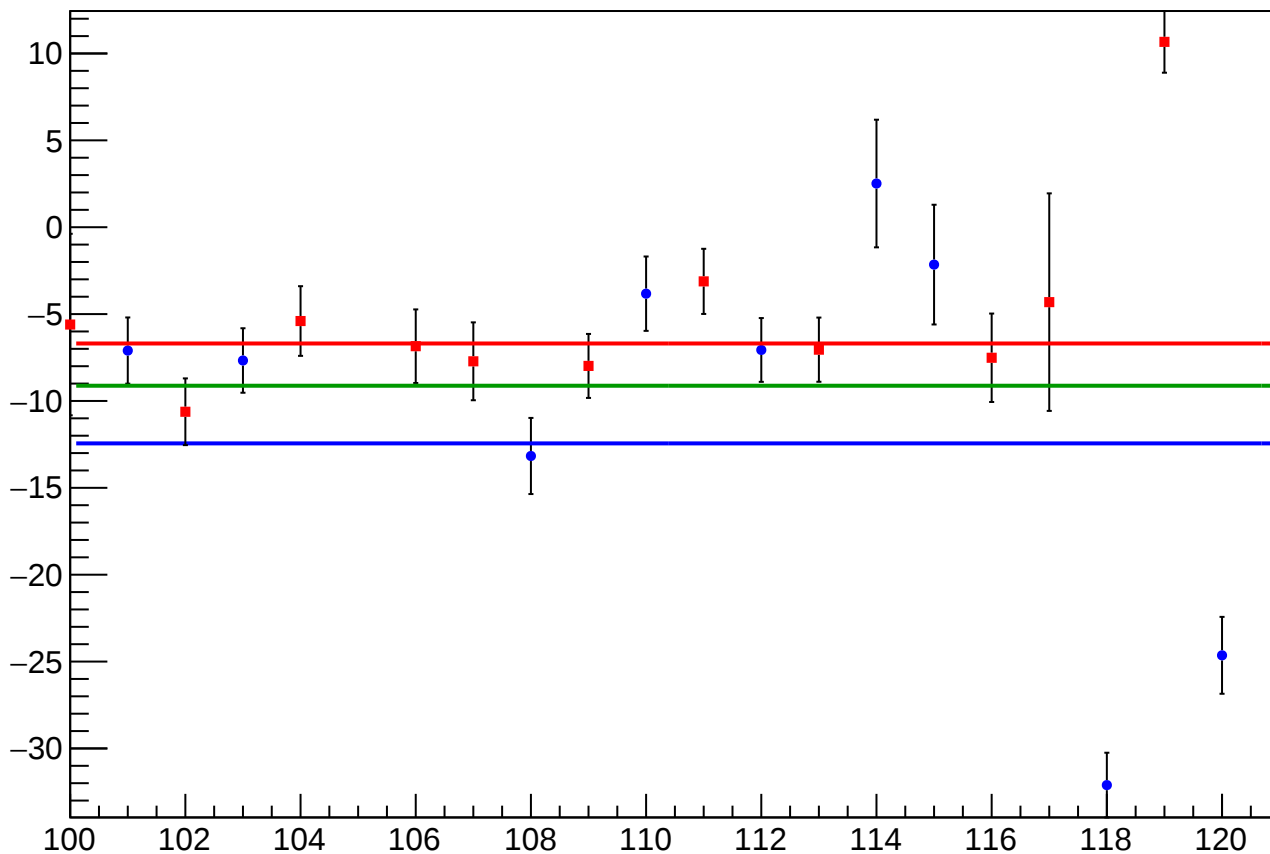
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

7410.238 ± 2.855 $\chi^2/\text{NDF}: 157547.3/8$

7311.475 ± 1.871 $\chi^2/\text{NDF}: 328629.5/20$

7237.095 ± 2.477 $\chi^2/\text{NDF}: 168983.6/11$

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -12.442 $\pm$ 0.718 χ^2 /NDF: 206.7/8

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

Right Out: -6.692 $\pm$ 0.615 χ^2 /NDF: 189.4/11

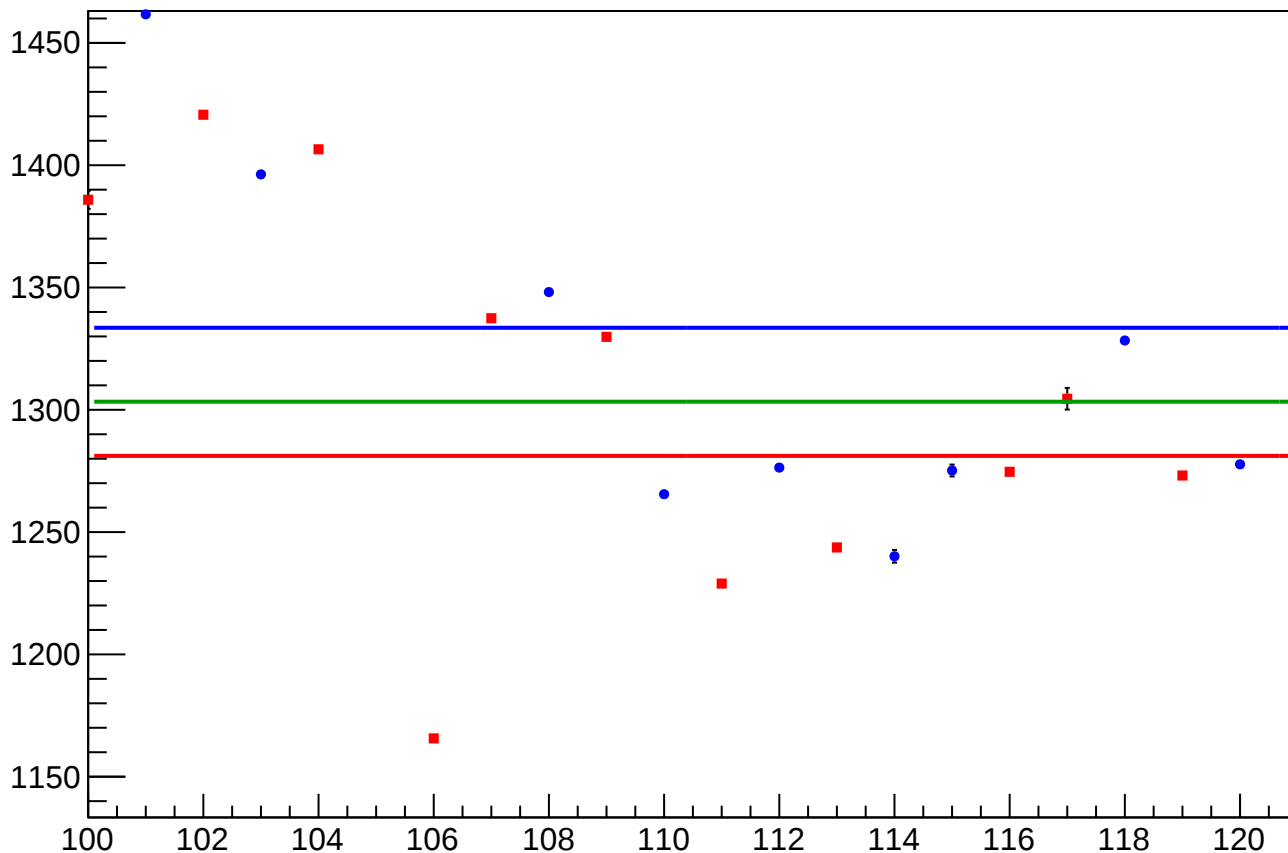
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.442 $\pm$ 0.718 χ^2 /NDF: 206.7/8

-9.123 $\pm$ 0.467 χ^2 /NDF: 433.1/20

-6.692 $\pm$ 0.615 χ^2 /NDF: 189.4/11

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1333.544+/-0.508 χ^2/NDF : 18542.5/8

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

Right Out: 1281.155+/-0.435 χ^2/NDF : 43096.3/11

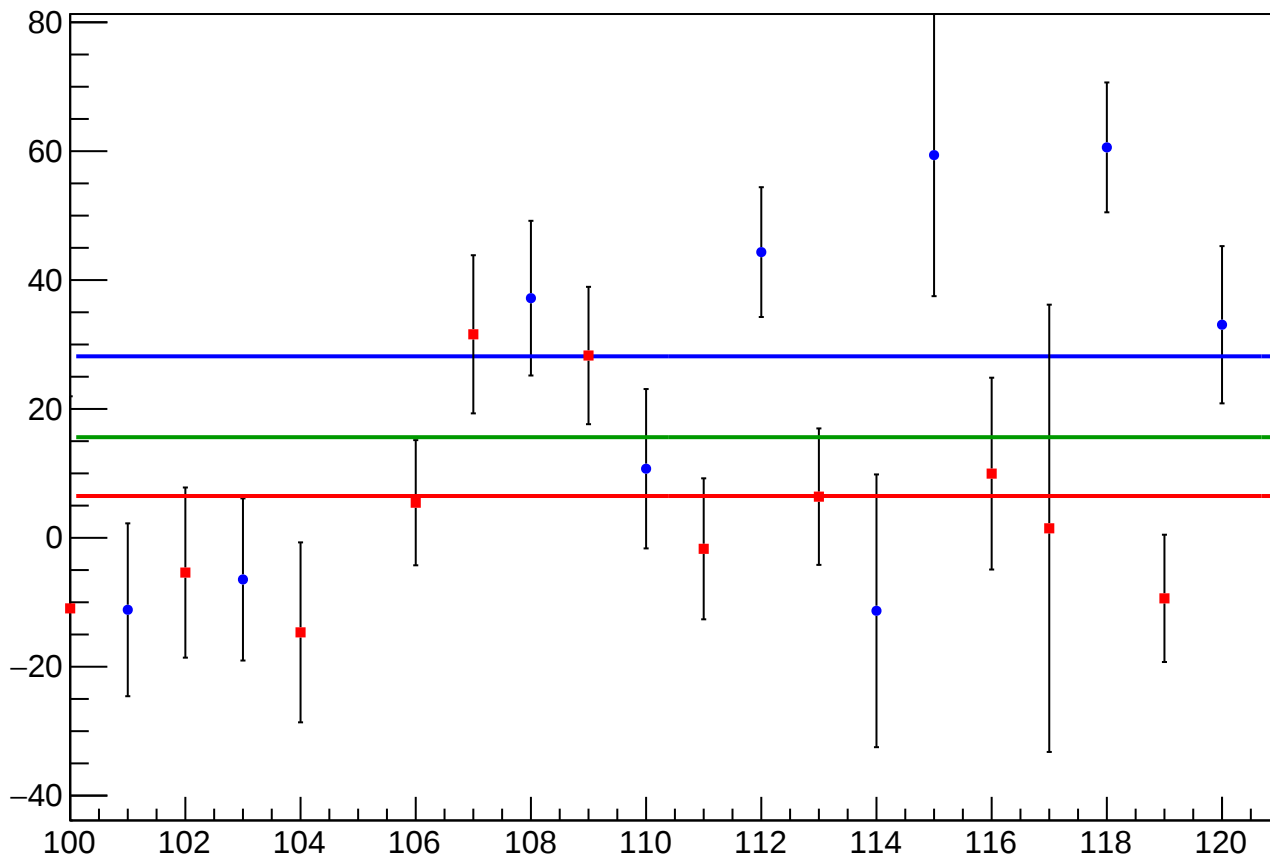
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1333.544+/-0.508 χ^2/NDF : 18542.5/8

1303.309+/-0.330 χ^2/NDF : 67784.9/20

1281.155+/-0.435 χ^2/NDF : 43096.3/11

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 28.166+/-4.222 χ^2/NDF : 37.3/8

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

Right Out: 6.491+/-3.601 χ^2/NDF : 15.7/11

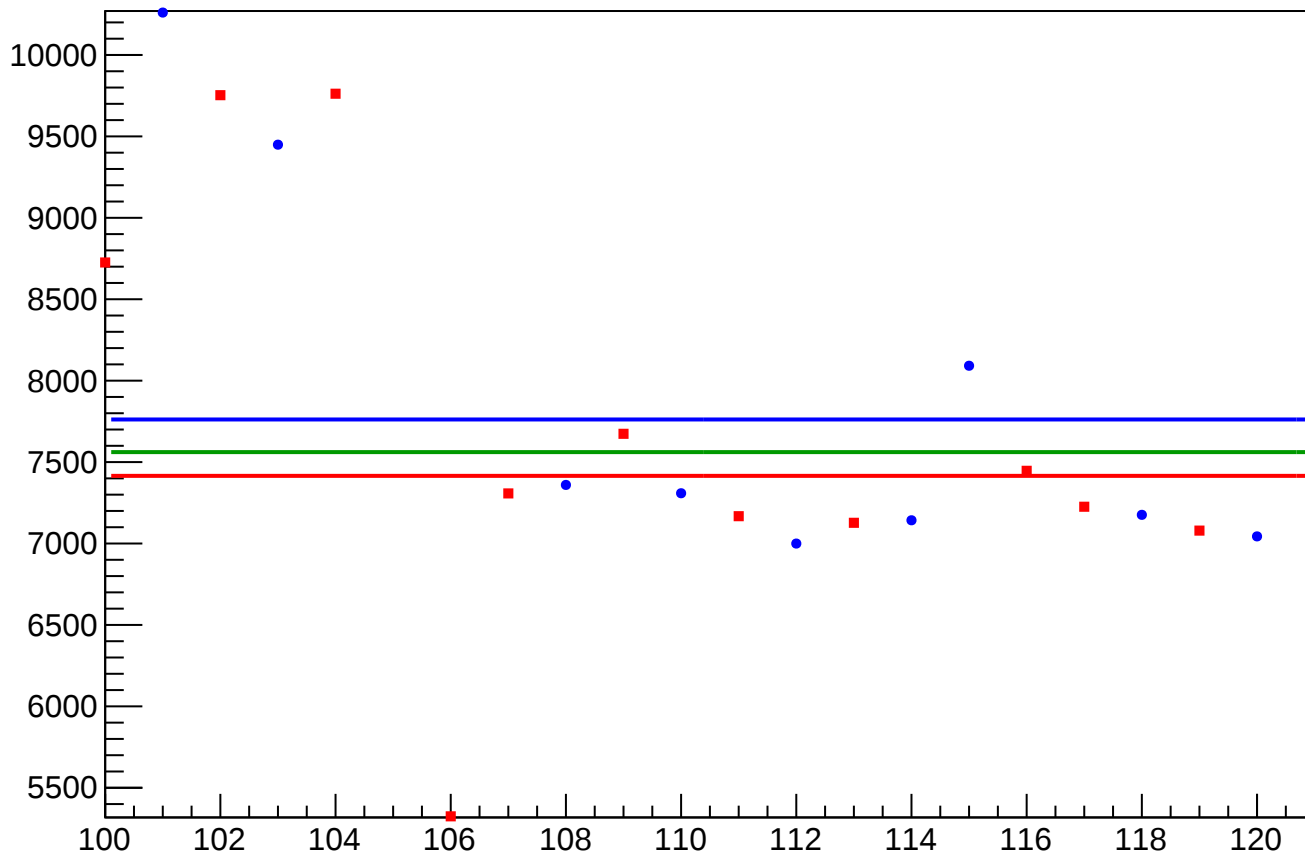
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.166+/-4.222 χ^2/NDF : 37.3/8

15.619+/-2.740 χ^2/NDF : 68.3/20

6.491+/-3.601 χ^2/NDF : 15.7/11

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7761.675+/-2.985 χ^2/NDF : 137610.4/8

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

Right Out: 7415.449+/-2.546 χ^2/NDF : 222586.0/11

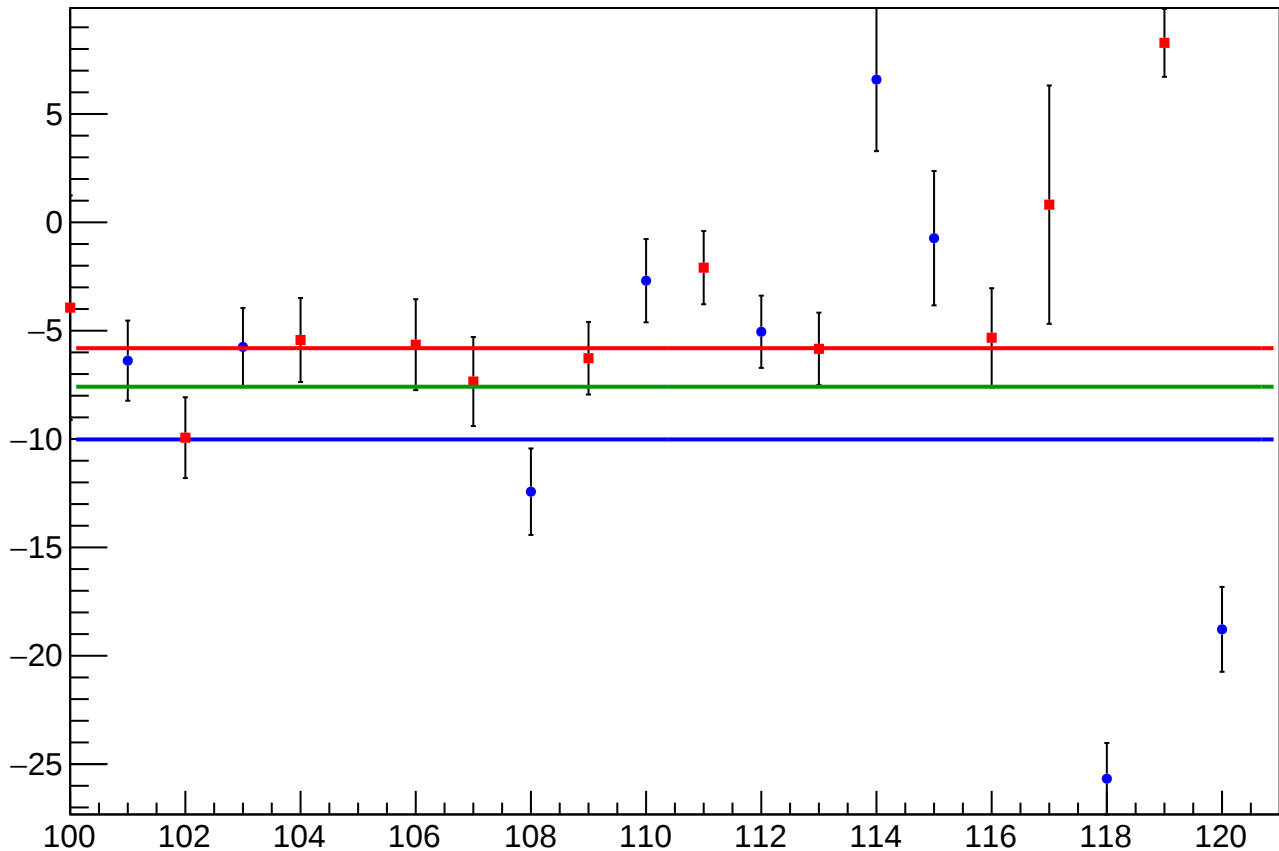
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7761.675+/-2.985 χ^2/NDF : 137610.4/8

7561.263+/-1.937 χ^2/NDF : 367982.3/20

7415.449+/-2.546 χ^2/NDF : 222586.0/11

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -10.018 ± 0.658 $\chi^2/\text{NDF}: 178.7/8$

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

Right Out: -5.807 ± 0.563 $\chi^2/\text{NDF}: 176.7/11$

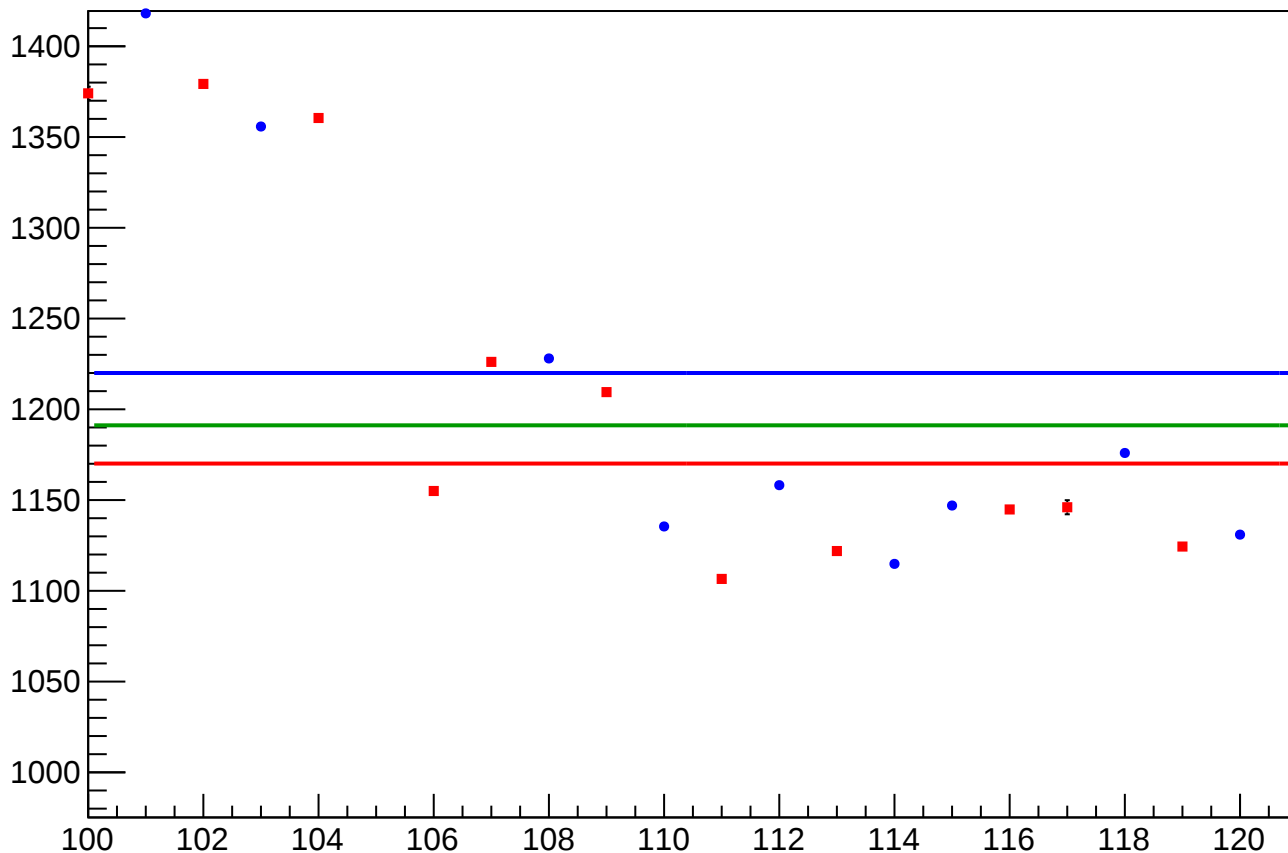
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-10.018 ± 0.658 $\chi^2/\text{NDF}: 178.7/8$

-7.585 ± 0.428 $\chi^2/\text{NDF}: 379.0/20$

-5.807 ± 0.563 $\chi^2/\text{NDF}: 176.7/11$

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1220.004 $\pm$ 0.466 χ^2 /NDF: 49696.2/8

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

Right Out: 1170.112 $\pm$ 0.398 χ^2 /NDF: 87123.2/11

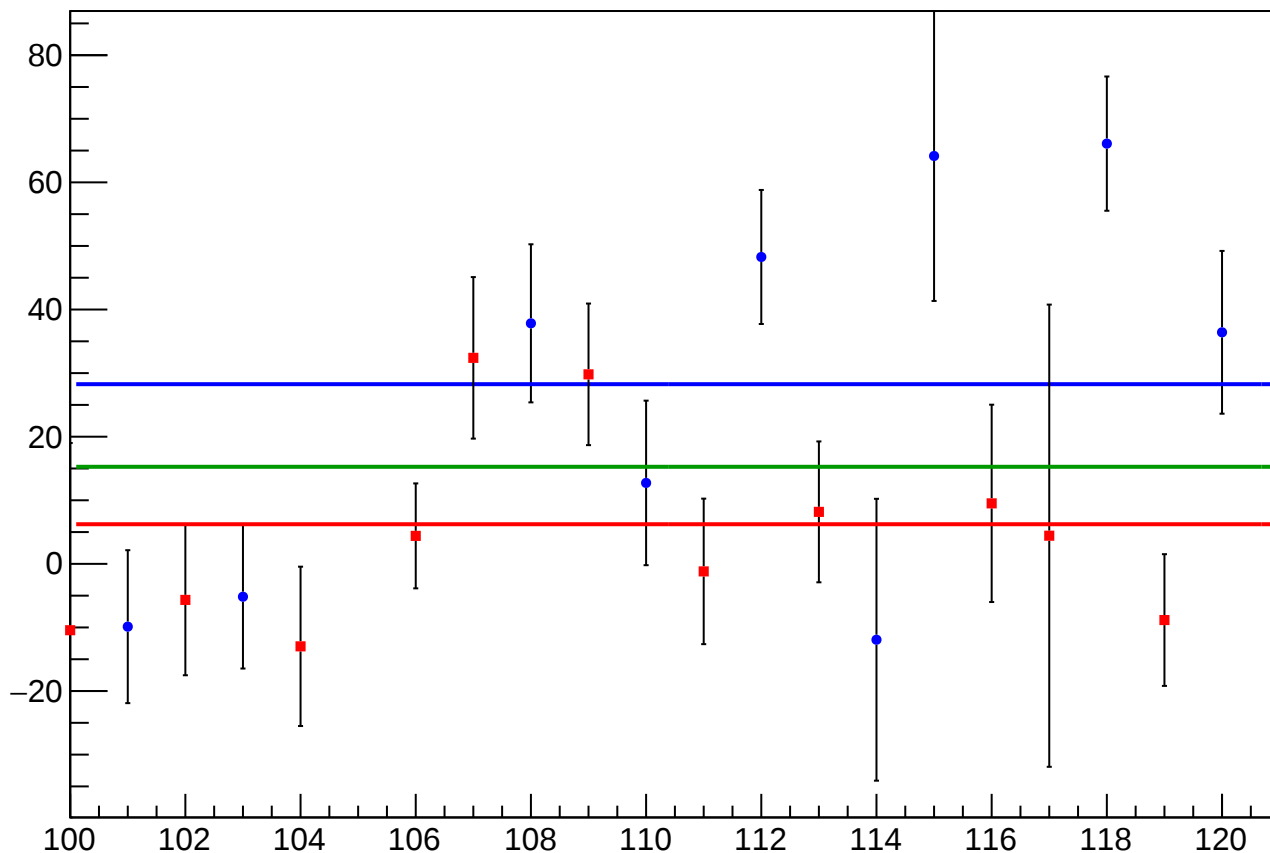
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1220.004 $\pm$ 0.466 χ^2 /NDF: 49696.2/8

1191.174 $\pm$ 0.302 χ^2 /NDF: 143456.6/20

1170.112 $\pm$ 0.398 χ^2 /NDF: 87123.2/11

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 28.259+/-4.255 χ^2/NDF : 43.5/8

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

Right Out: 6.234+/-3.548 χ^2/NDF : 15.9/11

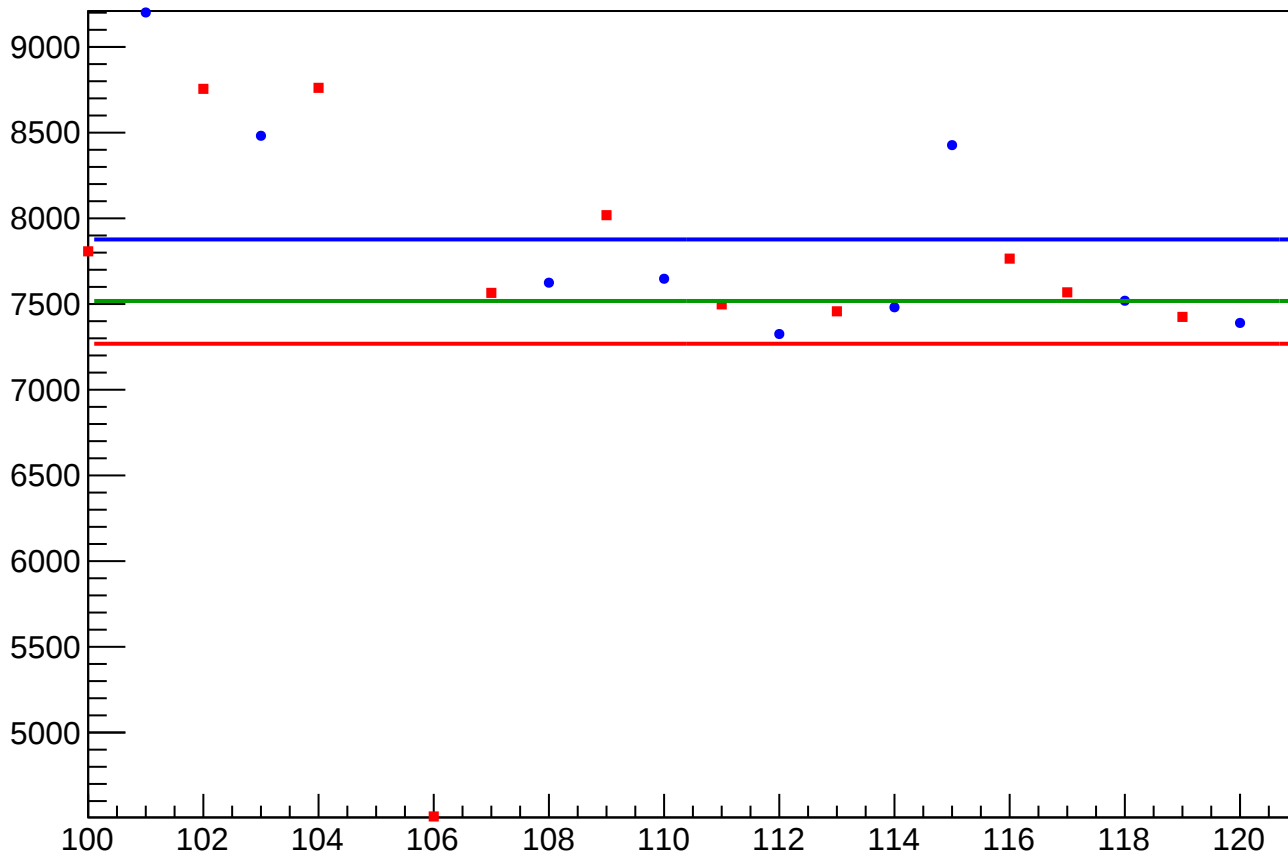
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.259+/-4.255 χ^2/NDF : 43.5/8

15.267+/-2.725 χ^2/NDF : 75.2/20

6.234+/-3.548 χ^2/NDF : 15.9/11

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7876.889 $\pm$ 3.009 χ^2 /NDF: 43909.0/8

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

Right Out: 7268.362 $\pm$ 2.509 χ^2 /NDF: 306256.5/11

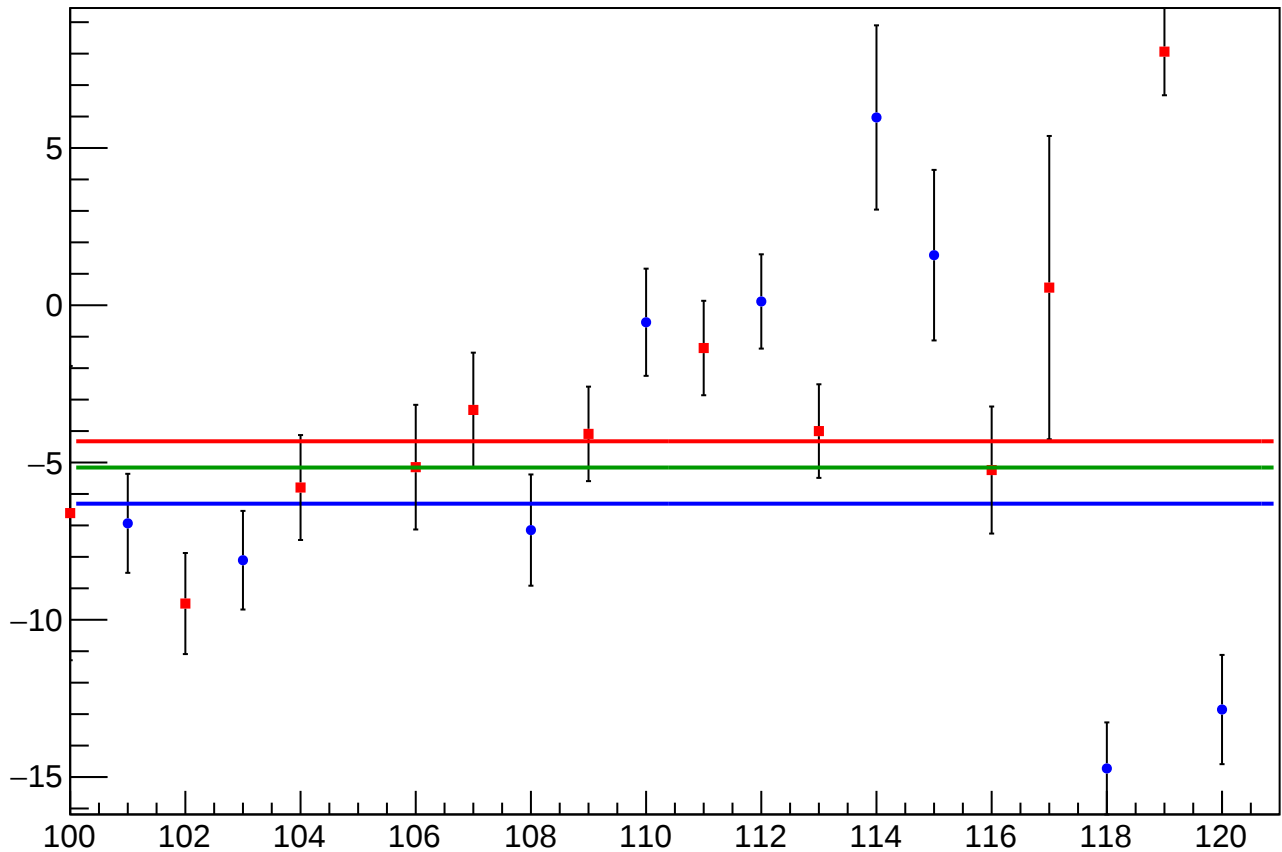
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7876.889 $\pm$ 3.009 χ^2 /NDF: 43909.0/8

7517.925 $\pm$ 1.927 χ^2 /NDF: 374296.1/20

7268.362 $\pm$ 2.509 χ^2 /NDF: 306256.5/11

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -6.309+/-0.580 χ^2/NDF : 104.9/8

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

Right Out: -4.325+/-0.494 χ^2/NDF : 146.5/11

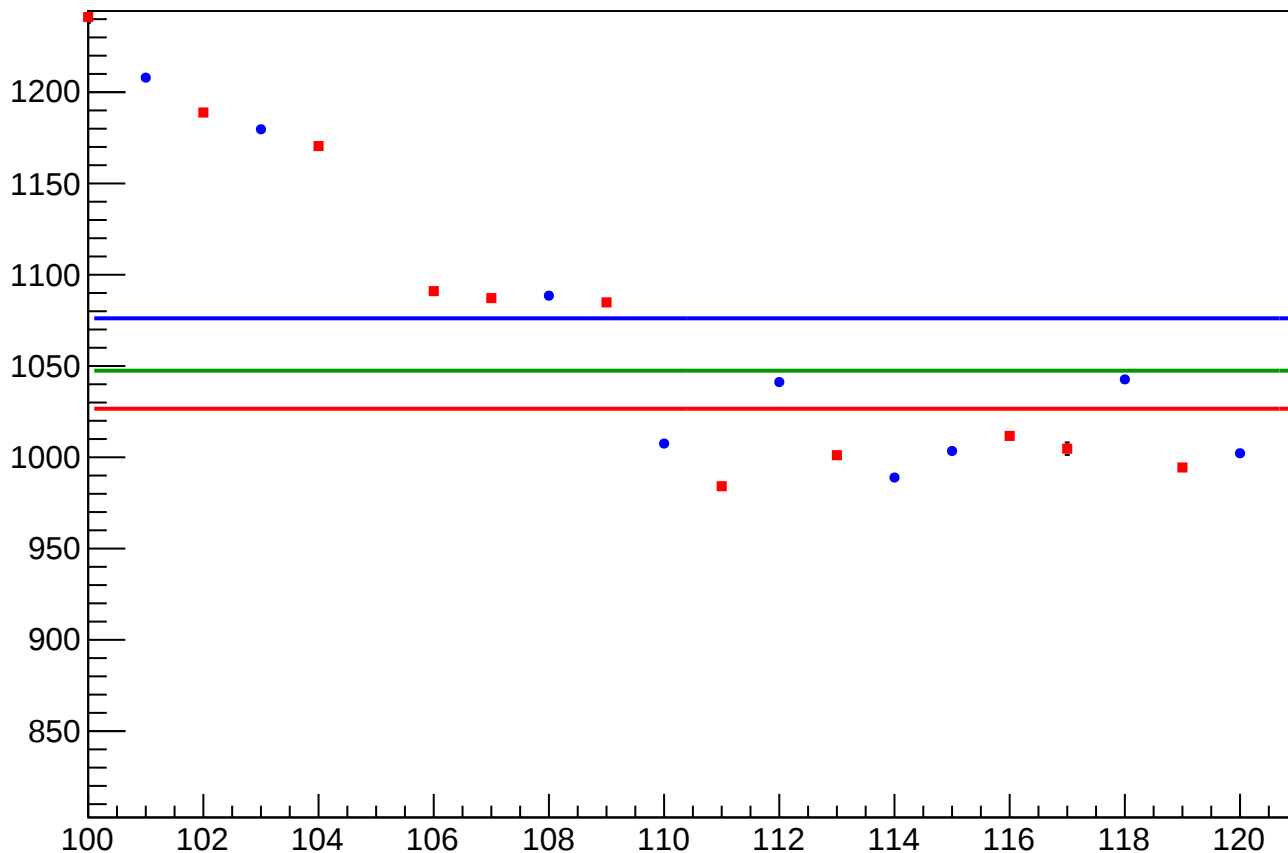
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.309+/-0.580 χ^2/NDF : 104.9/8

-5.159+/-0.376 χ^2/NDF : 258.2/20

-4.325+/-0.494 χ^2/NDF : 146.5/11

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1076.122+/-0.410 χ^2/NDF : 35059.2/8

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

Right Out: 1026.617+/-0.350 χ^2/NDF : 109605.3/11

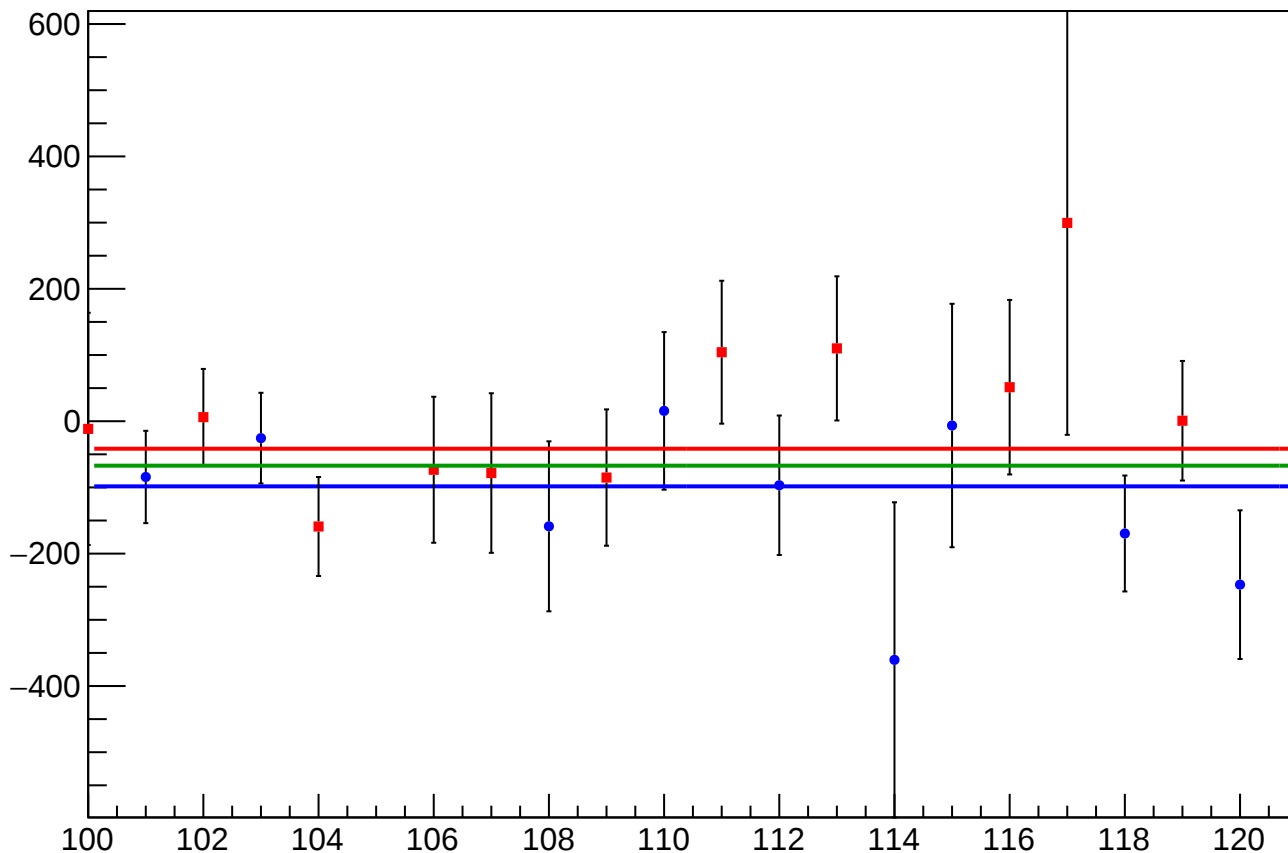
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1076.122+/-0.410 χ^2/NDF : 35059.2/8

1047.440+/-0.266 χ^2/NDF : 153101.0/20

1026.617+/-0.350 χ^2/NDF : 109605.3/11

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -98.394 $\pm$ 33.385 χ^2 /NDF: 6.2/8

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

Right Out: -41.527 $\pm$ 30.253 χ^2 /NDF: 13.0/11

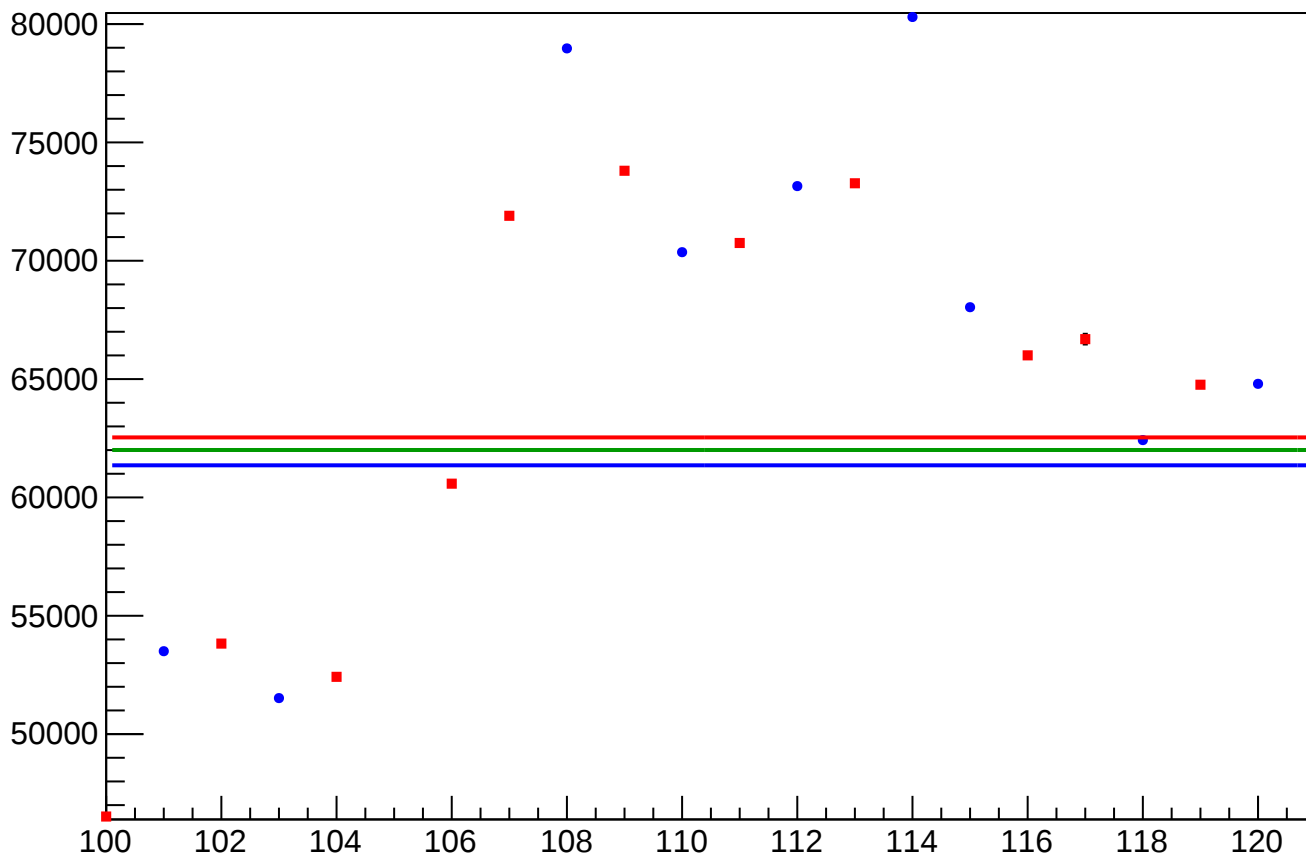
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-98.394 $\pm$ 33.385 χ^2 /NDF: 6.2/8

-67.169 $\pm$ 22.418 χ^2 /NDF: 20.8/20

-41.527 $\pm$ 30.253 χ^2 /NDF: 13.0/11

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 61356.670+/-23.607 χ^2/NDF : 158273.7/8

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

Right Out: 62535.816+/-21.392 χ^2/NDF : 154614.2/11

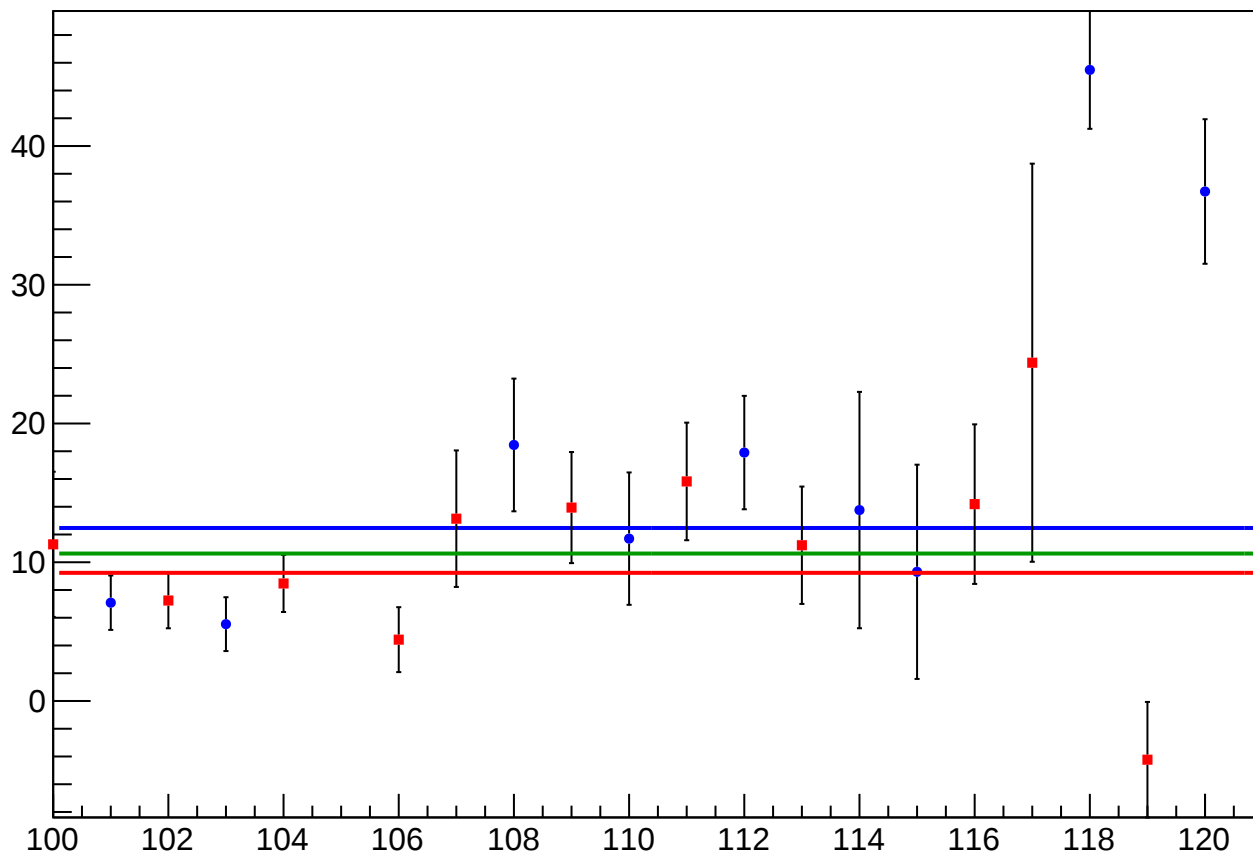
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

61356.670+/-23.607 χ^2/NDF : 158273.7/8

62004.122+/-15.852 χ^2/NDF : 314257.9/2

62535.816+/-21.392 χ^2/NDF : 154614.2/11

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 12.470+/-1.121 χ^2/NDF : 106.0/8

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

Right Out: 9.237+/-0.974 χ^2/NDF : 51.5/11

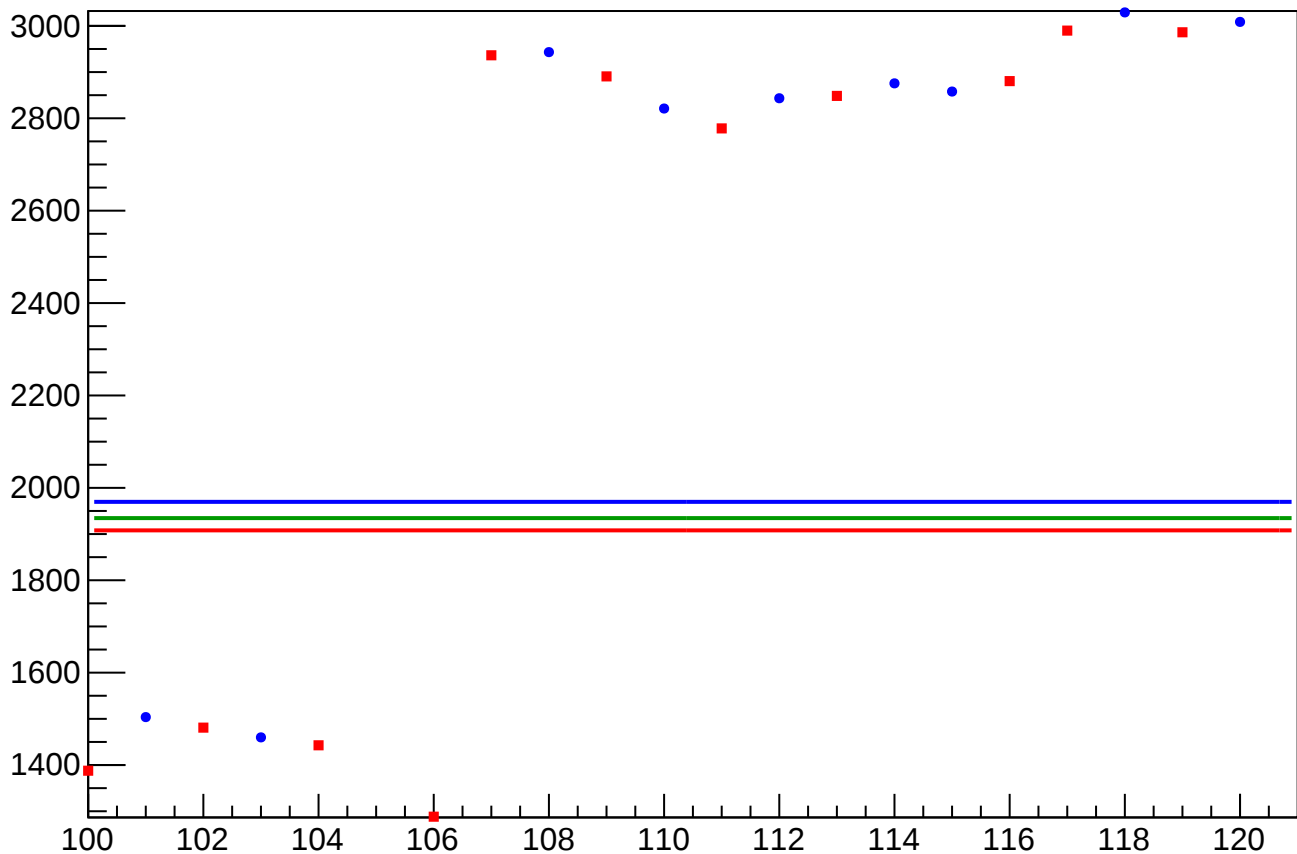
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.470+/-1.121 χ^2/NDF : 106.0/8

10.628+/-0.735 χ^2/NDF : 162.3/20

9.237+/-0.974 χ^2/NDF : 51.5/11

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1969.718 $\pm$ 0.792 χ^2/NDF : 742245.5/8

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

Right Out: 1907.983 $\pm$ 0.688 χ^2/NDF : 1052662.6/11

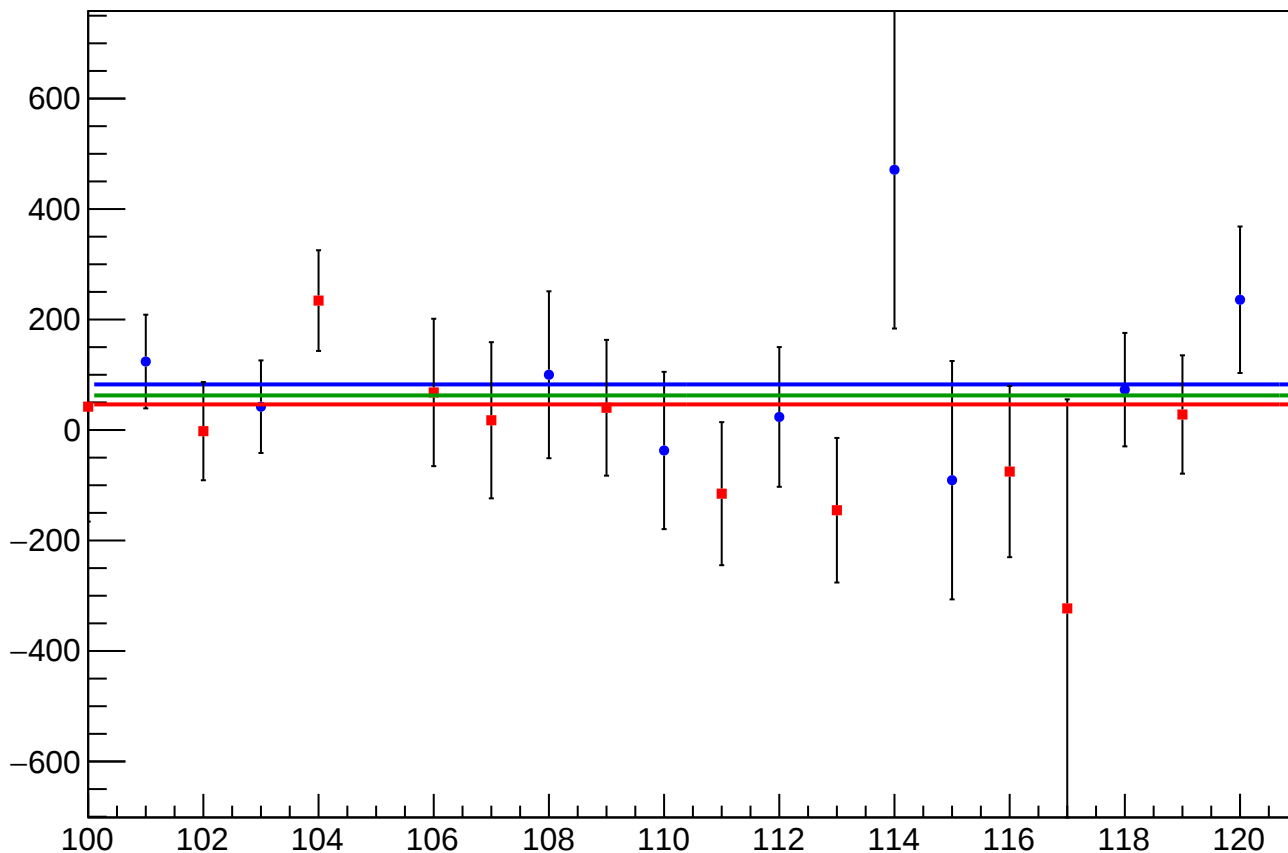
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1969.718 $\pm$ 0.792 χ^2/NDF : 742245.5/8

1934.536 $\pm$ 0.520 χ^2/NDF : 1798367.5/20

1907.983 $\pm$ 0.688 χ^2/NDF : 1052662.6/11

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 82.540+/-40.080 χ^2/NDF : 5.2/8

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

Right Out: 46.354+/-36.240 χ^2/NDF : 13.0/11

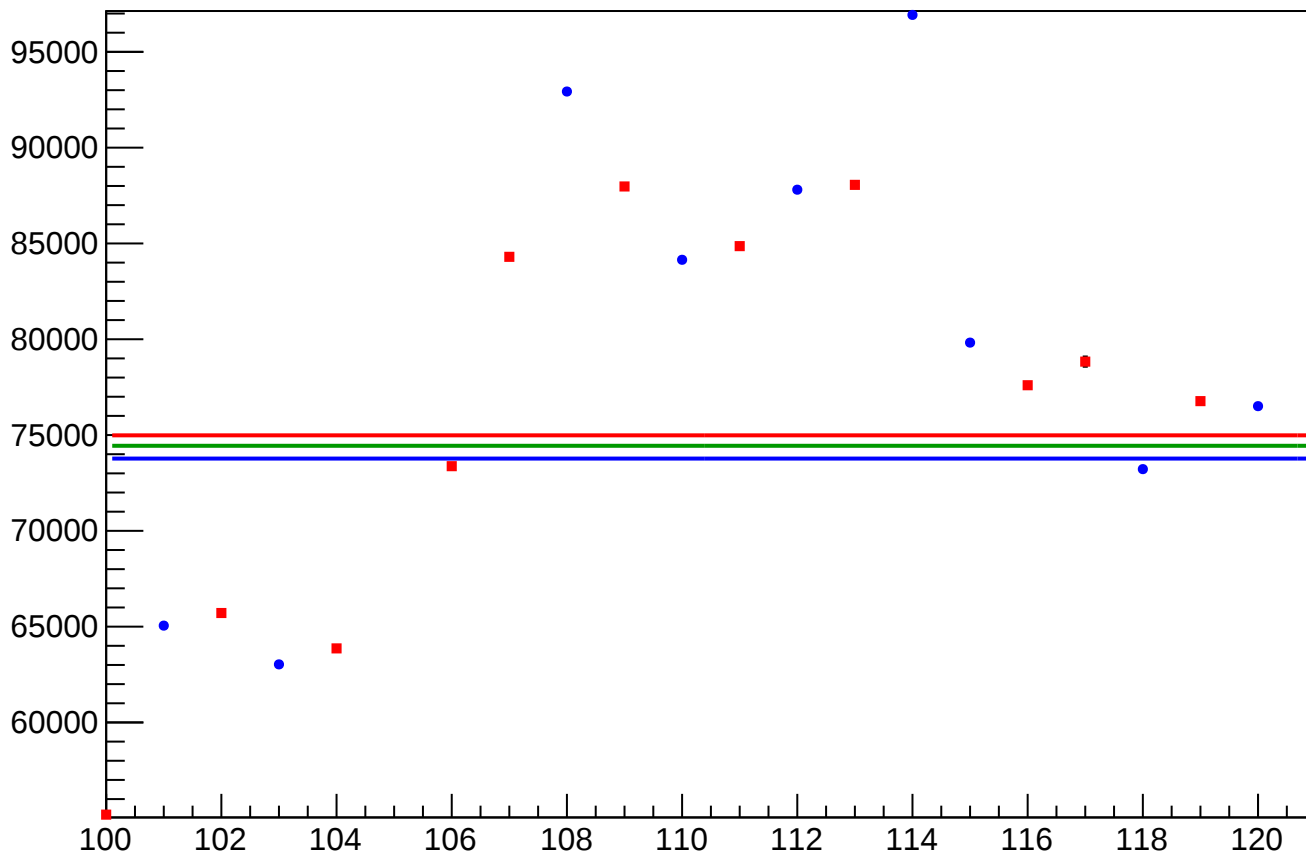
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.540+/-40.080 χ^2/NDF : 5.2/8

62.631+/-26.881 χ^2/NDF : 18.7/20

46.354+/-36.240 χ^2/NDF : 13.0/11

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 73772.349+/-28.341 χ^2 /NDF: 136895.7/8

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

Right Out: 74984.904+/-25.626 χ^2 /NDF: 134149.0/11

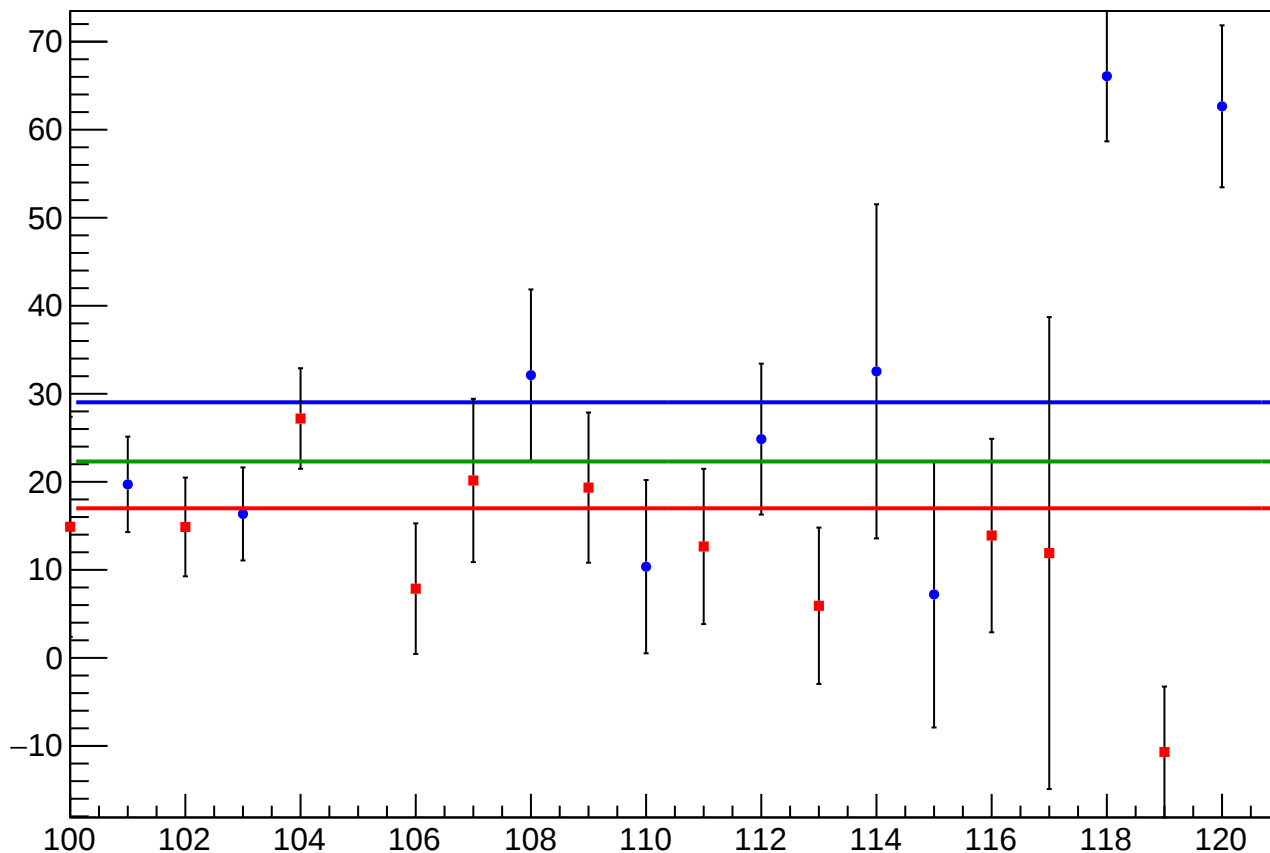
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

73772.349+/-28.341 χ^2 /NDF: 136895.7/8

74439.474+/-19.008 χ^2 /NDF: 272051.9/2

74984.904+/-25.626 χ^2 /NDF: 134149.0/11

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 29.034 $\pm$ 2.658 χ^2 /NDF: 53.2/8

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

Right Out: 16.995 $\pm$ 2.365 χ^2 /NDF: 47.8/11

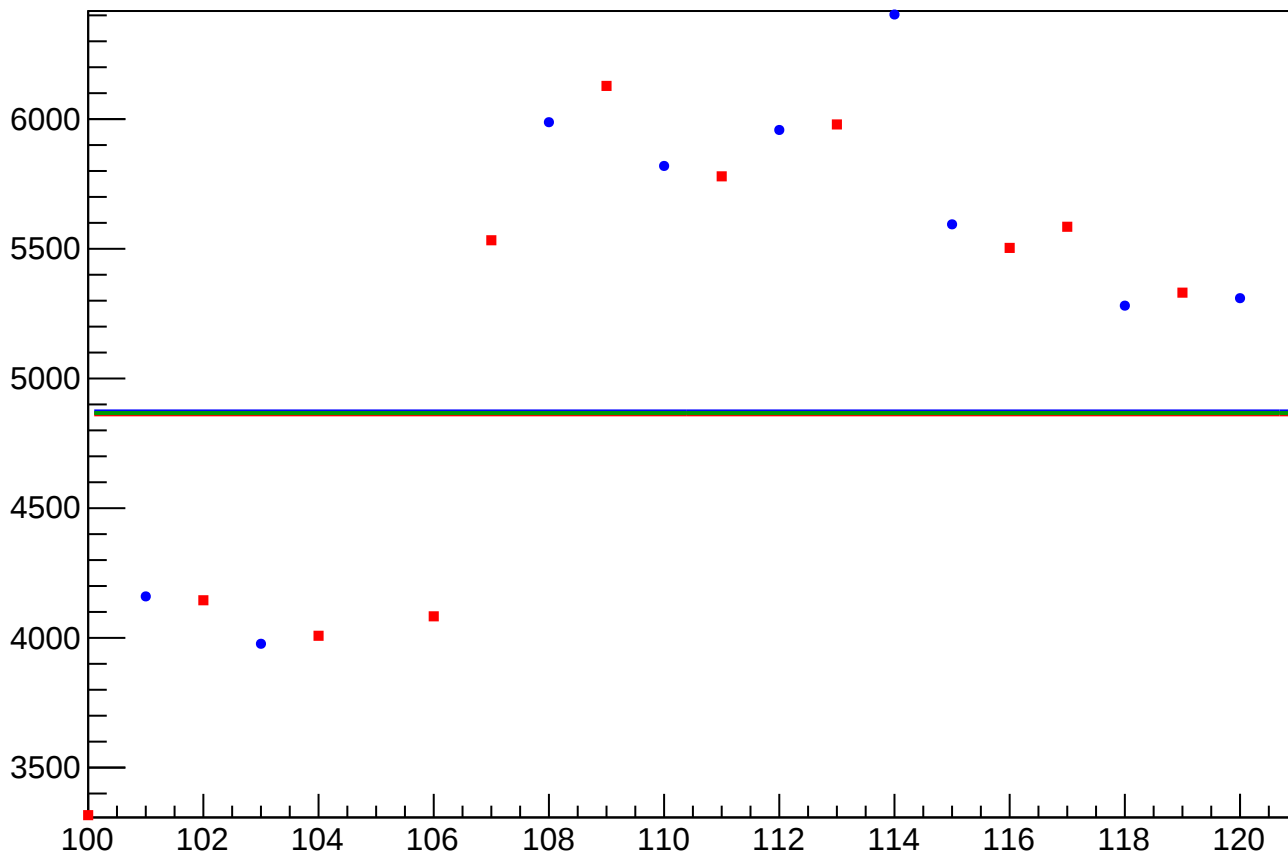
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

29.034 $\pm$ 2.658 χ^2 /NDF: 53.2/8

22.314 $\pm$ 1.767 χ^2 /NDF: 112.5/20

16.995 $\pm$ 2.365 χ^2 /NDF: 47.8/11

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4873.052 $\pm$ 1.880 χ^2 /NDF: 196921.6/8

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

Right Out: 4861.830 $\pm$ 1.672 χ^2 /NDF: 261527.6/11

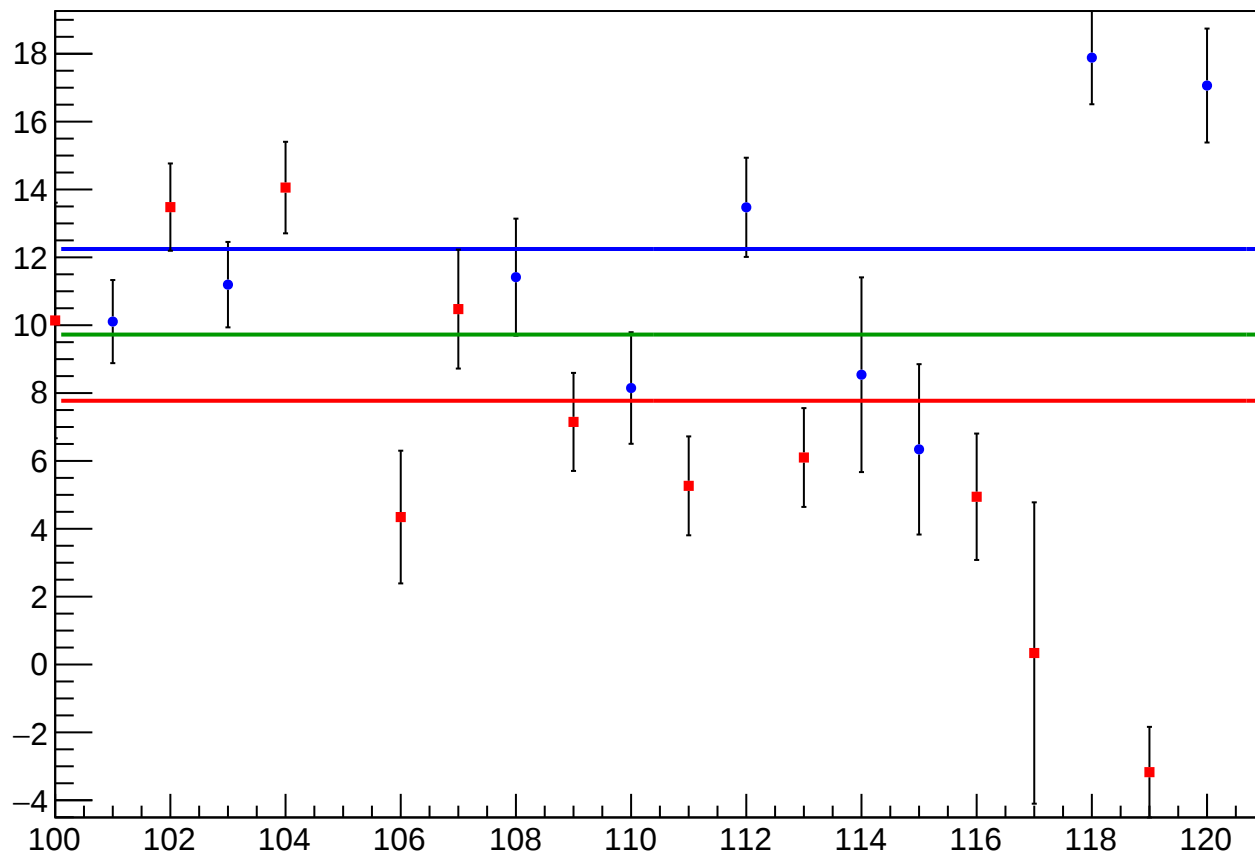
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4873.052 $\pm$ 1.880 χ^2 /NDF: 196921.6/8

4866.787 $\pm$ 1.249 χ^2 /NDF: 458469.1/20

4861.830 $\pm$ 1.672 χ^2 /NDF: 261527.6/11

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 12.246+/-0.524 χ^2/NDF : 43.2/8

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

Right Out: 7.773+/-0.461 χ^2/NDF : 135.5/11

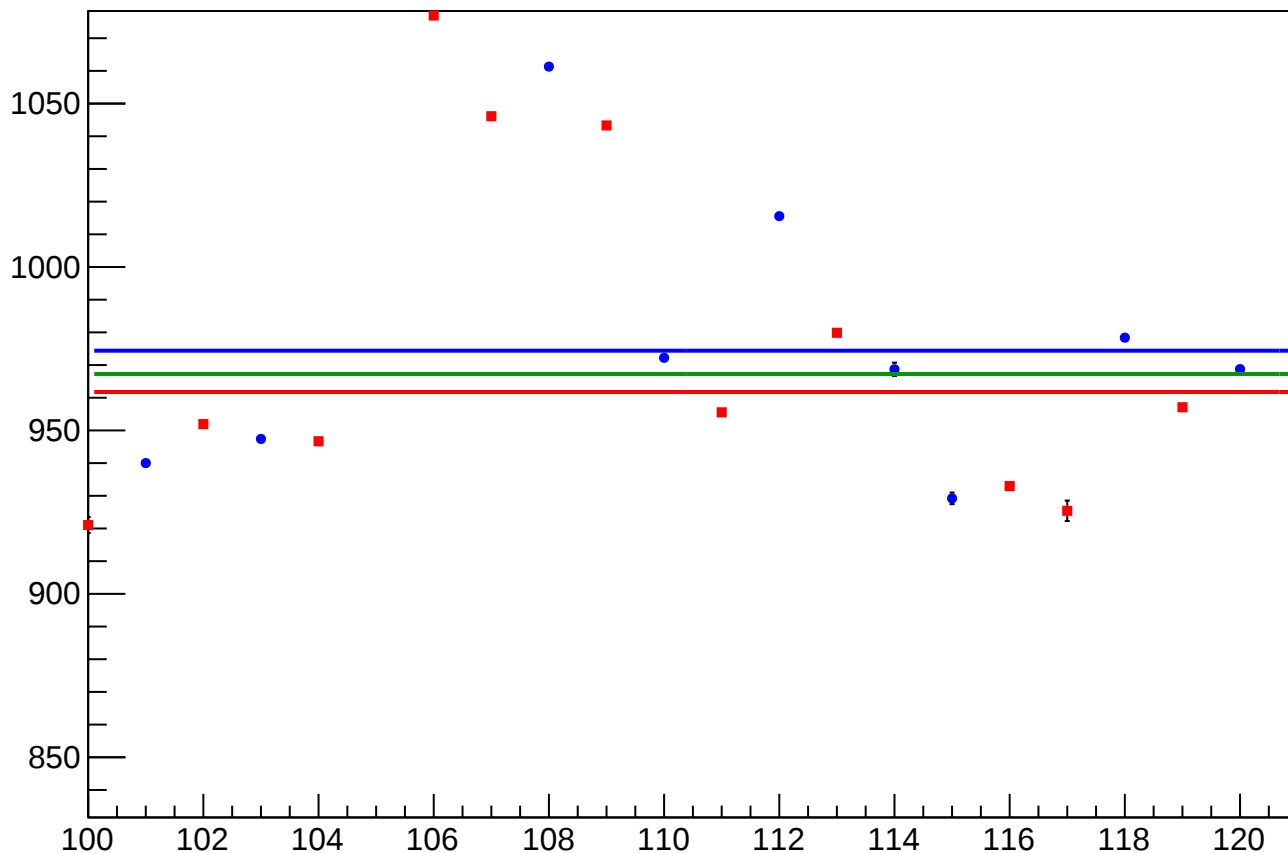
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.246+/-0.524 χ^2/NDF : 43.2/8

9.724+/-0.346 χ^2/NDF : 219.7/20

7.773+/-0.461 χ^2/NDF : 135.5/11

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 974.393+/-0.371 χ^2/NDF : 9861.8/8

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

Right Out: 961.757+/-0.326 χ^2/NDF : 38147.5/11

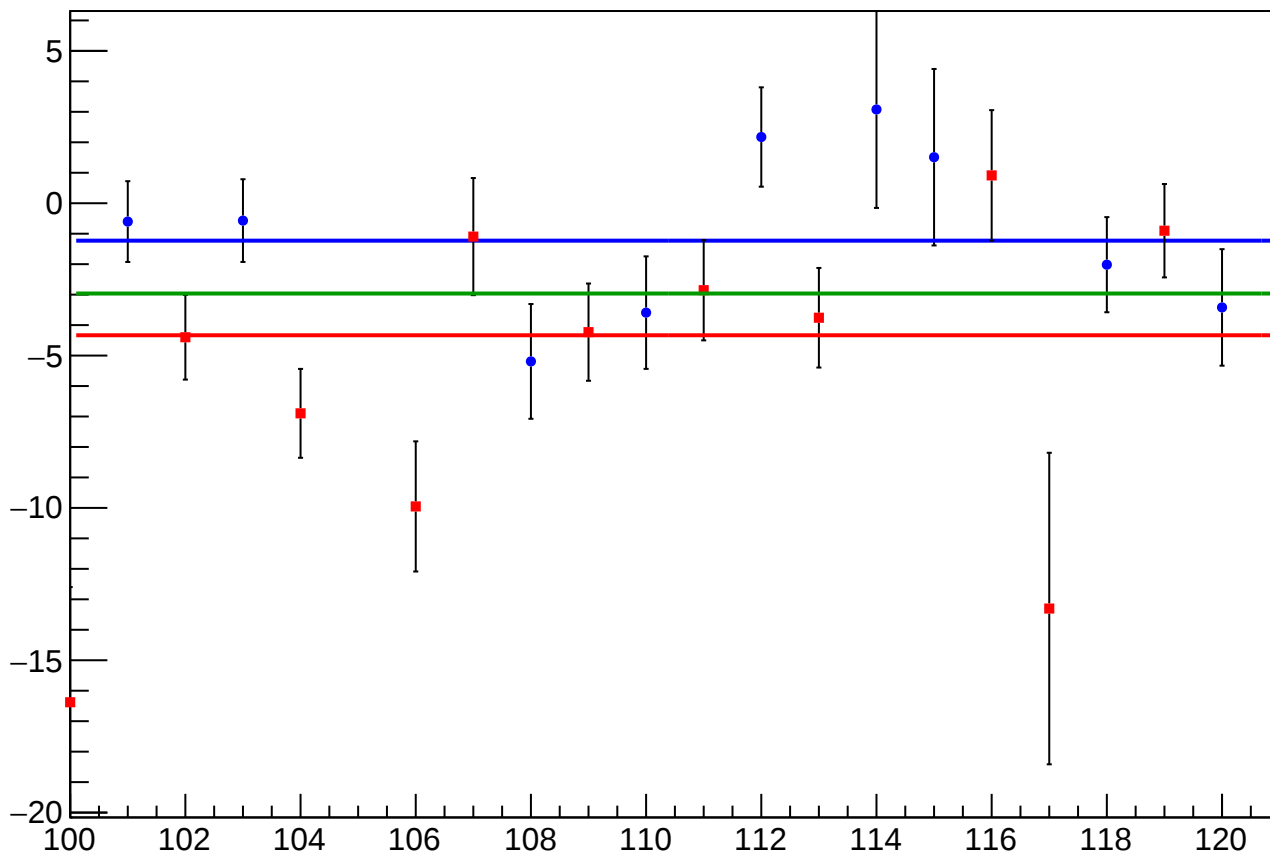
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

974.393+/-0.371 χ^2/NDF : 9861.8/8

967.268+/-0.245 χ^2/NDF : 48664.0/20

961.757+/-0.326 χ^2/NDF : 38147.5/11

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.229+/-0.581 χ^2/NDF : 15.1/8

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

Right Out: -4.333+/-0.516 χ^2/NDF : 39.0/11

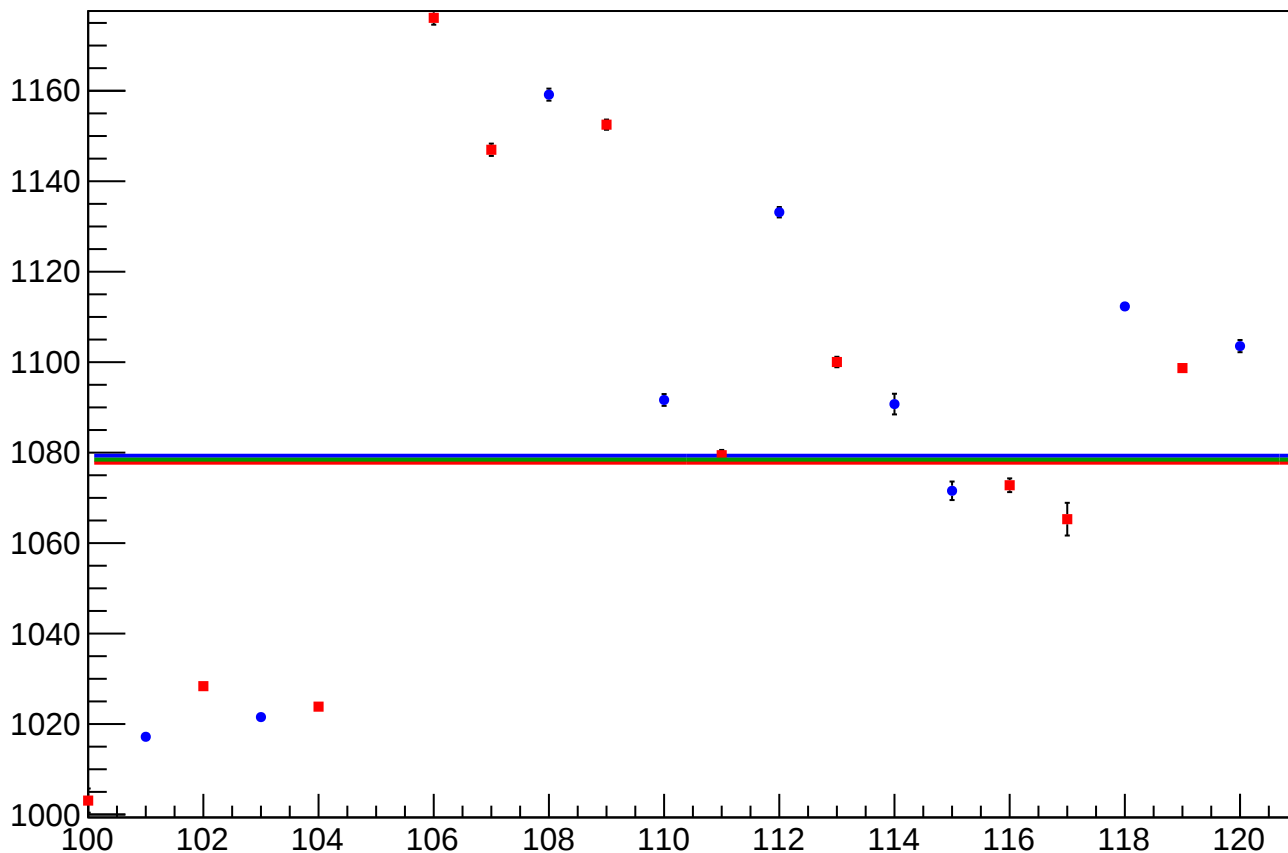
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.229+/-0.581 χ^2/NDF : 15.1/8

-2.963+/-0.386 χ^2/NDF : 70.1/20

-4.333+/-0.516 χ^2/NDF : 39.0/11

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1079.316 $\pm$ 0.411 χ^2 /NDF: 15135.2/8

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

Right Out: 1077.782 $\pm$ 0.365 χ^2 /NDF: 22625.6/11

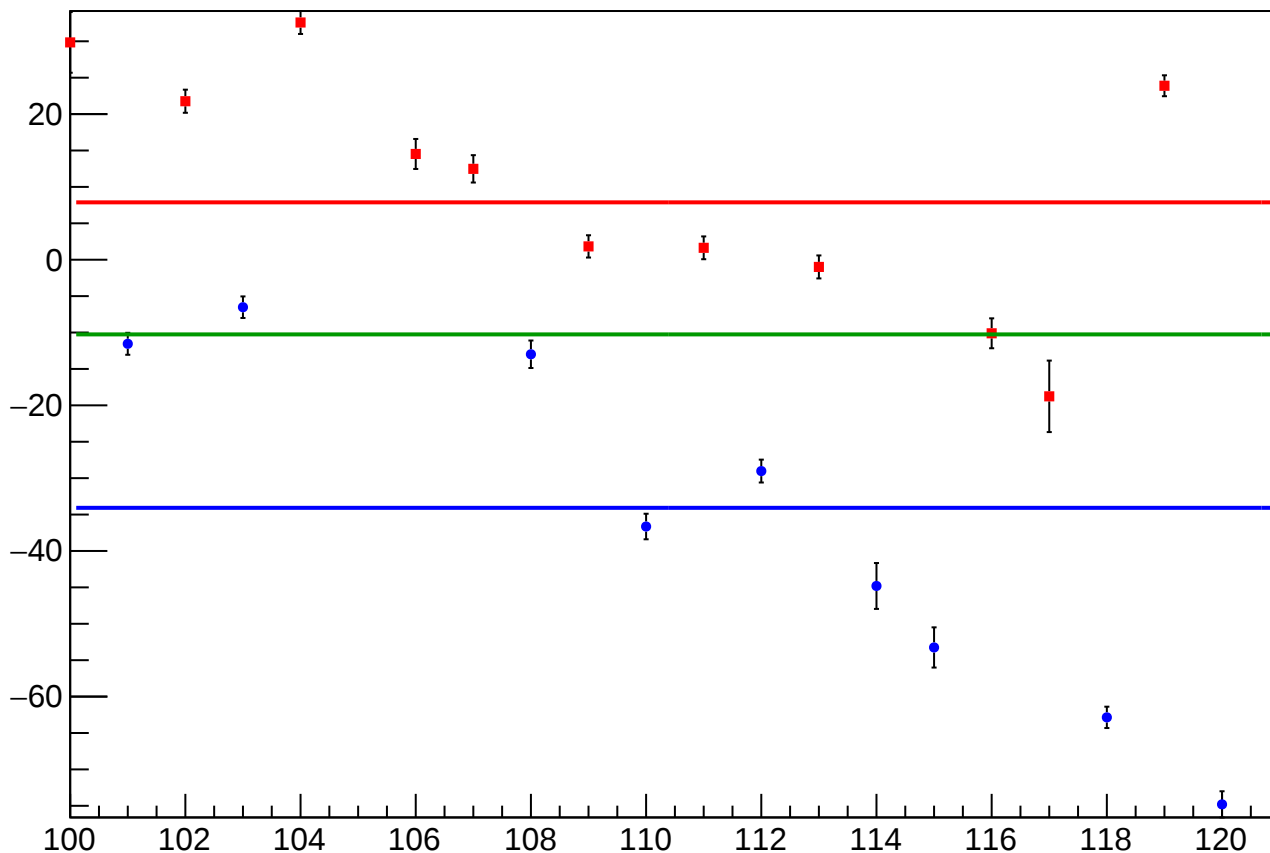
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1079.316 $\pm$ 0.411 χ^2 /NDF: 15135.2/8

1078.459 $\pm$ 0.273 χ^2 /NDF: 37768.6/20

1077.782 $\pm$ 0.365 χ^2 /NDF: 22625.6/11

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -34.075+/-0.586 χ^2/NDF : 1664.3/8

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

Right Out: 7.879+/-0.511 χ^2/NDF : 1051.1/11

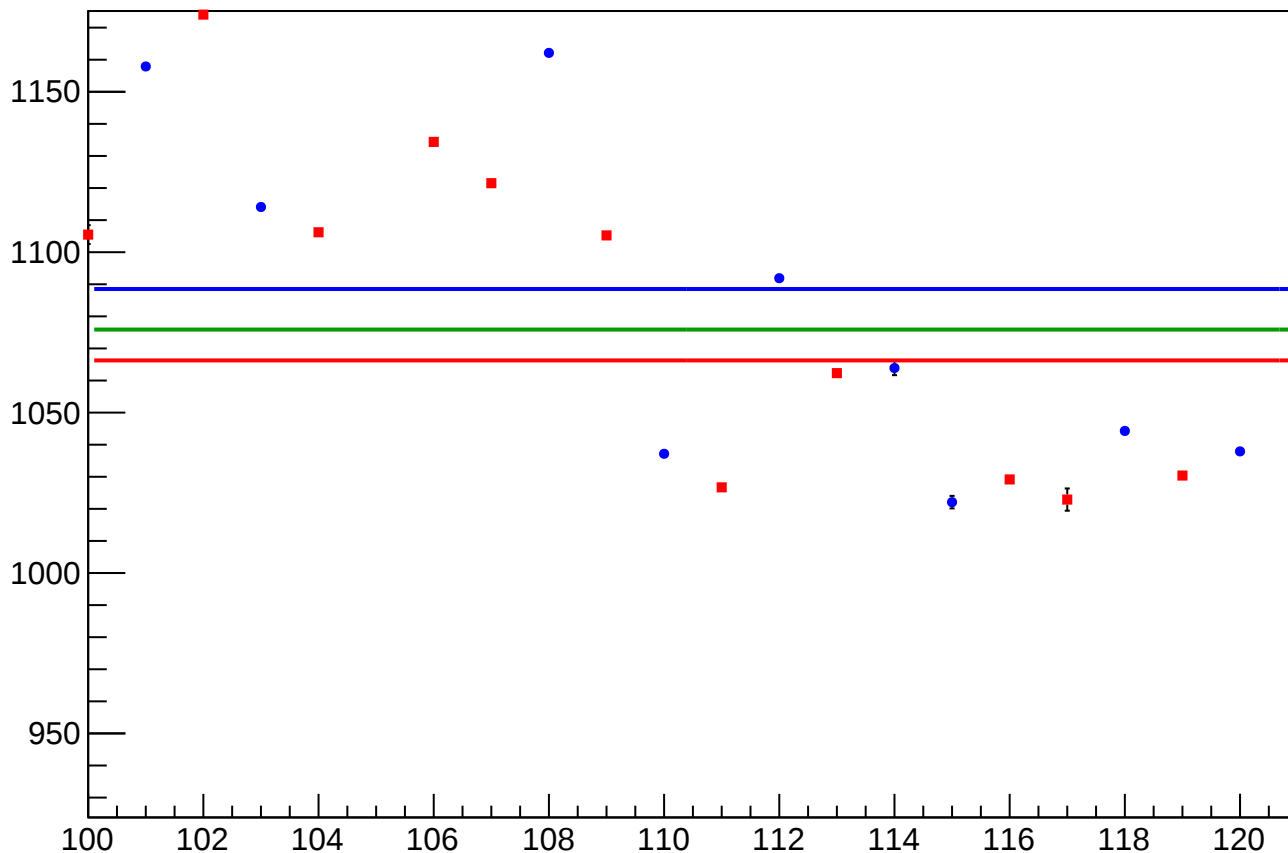
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-34.075+/-0.586 χ^2/NDF : 1664.3/8

-10.256+/-0.385 χ^2/NDF : 5625.6/20

7.879+/-0.511 χ^2/NDF : 1051.1/11

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1088.526 $\pm$ 0.414 χ^2 /NDF: 14271.2/8

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

Right Out: 1066.267 $\pm$ 0.362 χ^2 /NDF: 37271.3/11

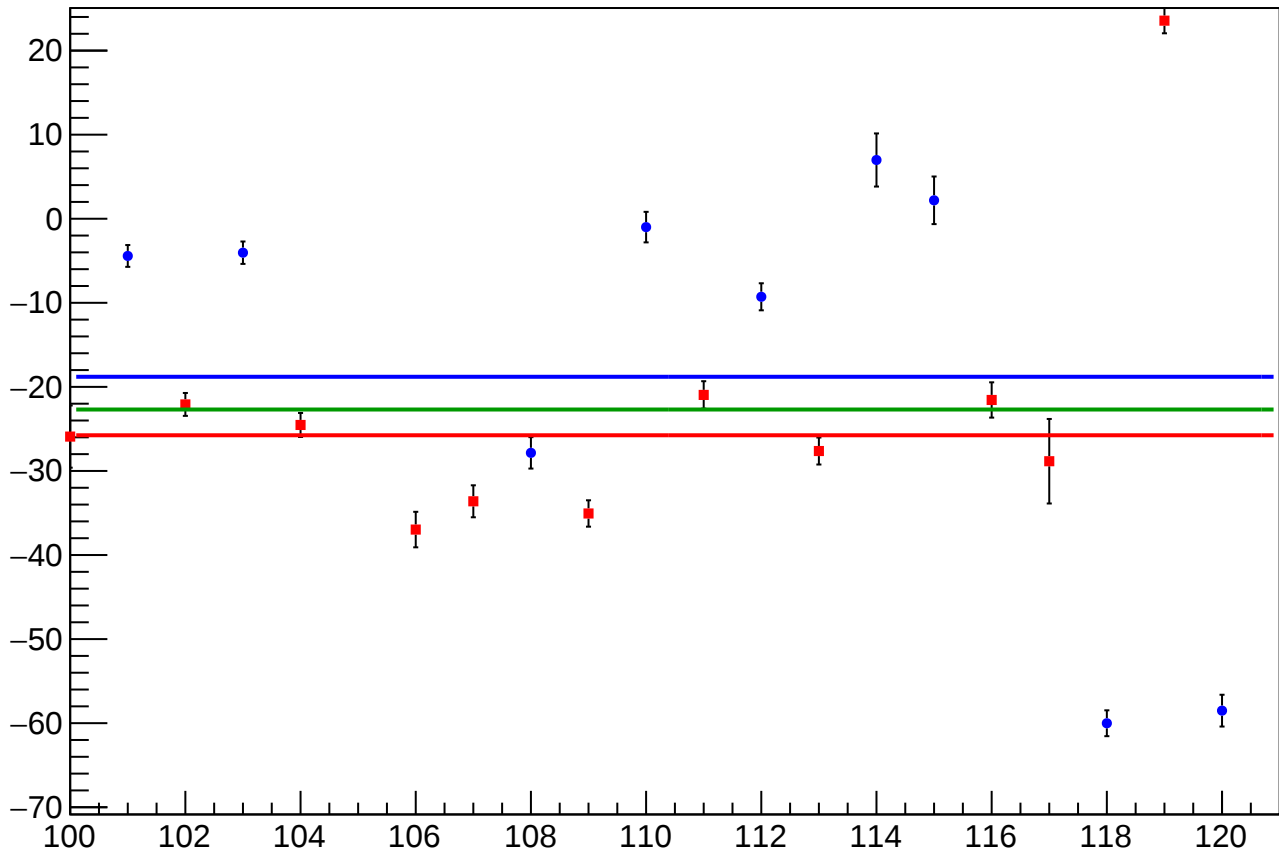
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1088.526 $\pm$ 0.414 χ^2 /NDF: 14271.2/8

1075.889 $\pm$ 0.272 χ^2 /NDF: 53181.1/20

1066.267 $\pm$ 0.362 χ^2 /NDF: 37271.3/11

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -18.798 ± 0.572 χ^2/NDF : 1680.8/8

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

Right Out: -25.755 ± 0.507 χ^2/NDF : 1953.7/11

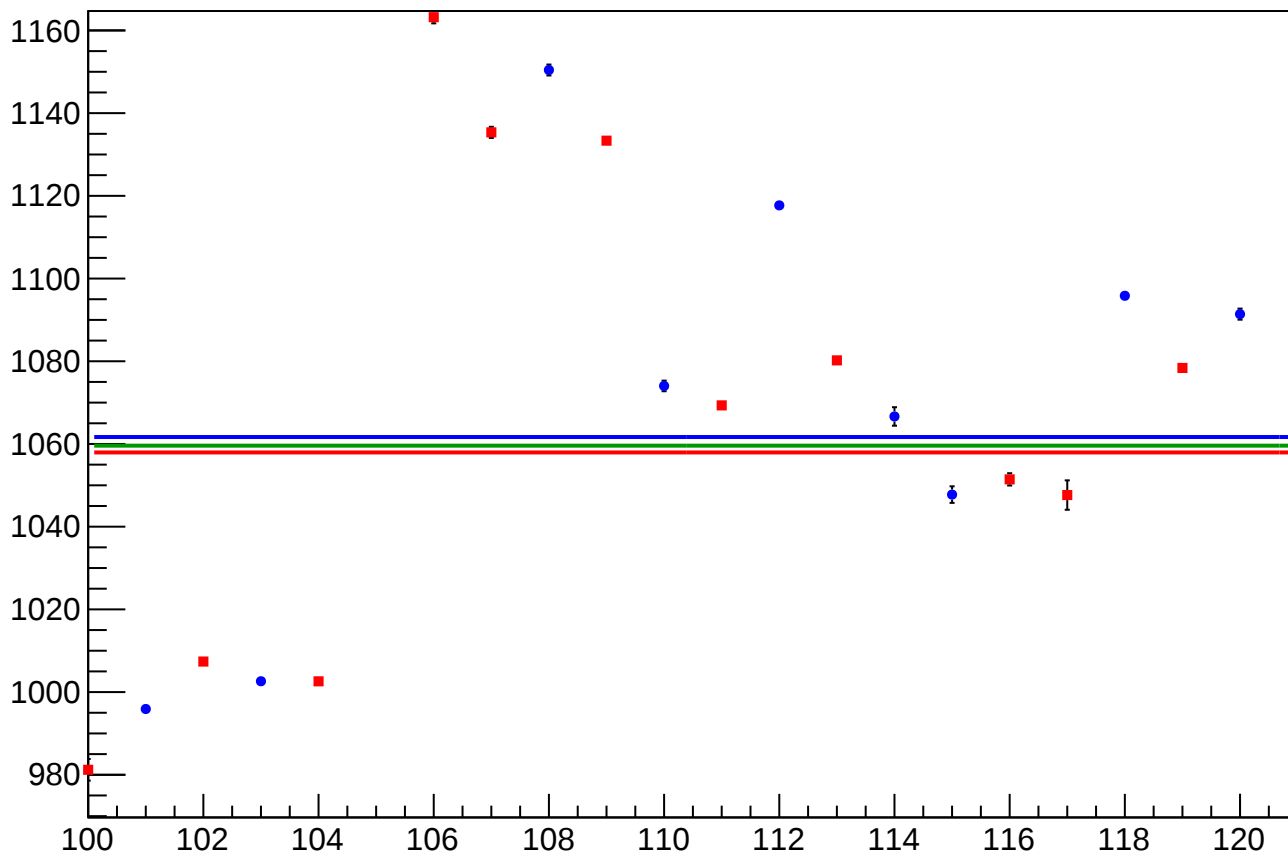
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.798 ± 0.572 χ^2/NDF : 1680.8/8

-22.692 ± 0.379 χ^2/NDF : 3717.3/20

-25.755 ± 0.507 χ^2/NDF : 1953.7/11

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1061.681 $\pm$ 0.404 χ^2 /NDF: 17628.8/8

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

Right Out: 1057.950 $\pm$ 0.358 χ^2 /NDF: 26610.2/11

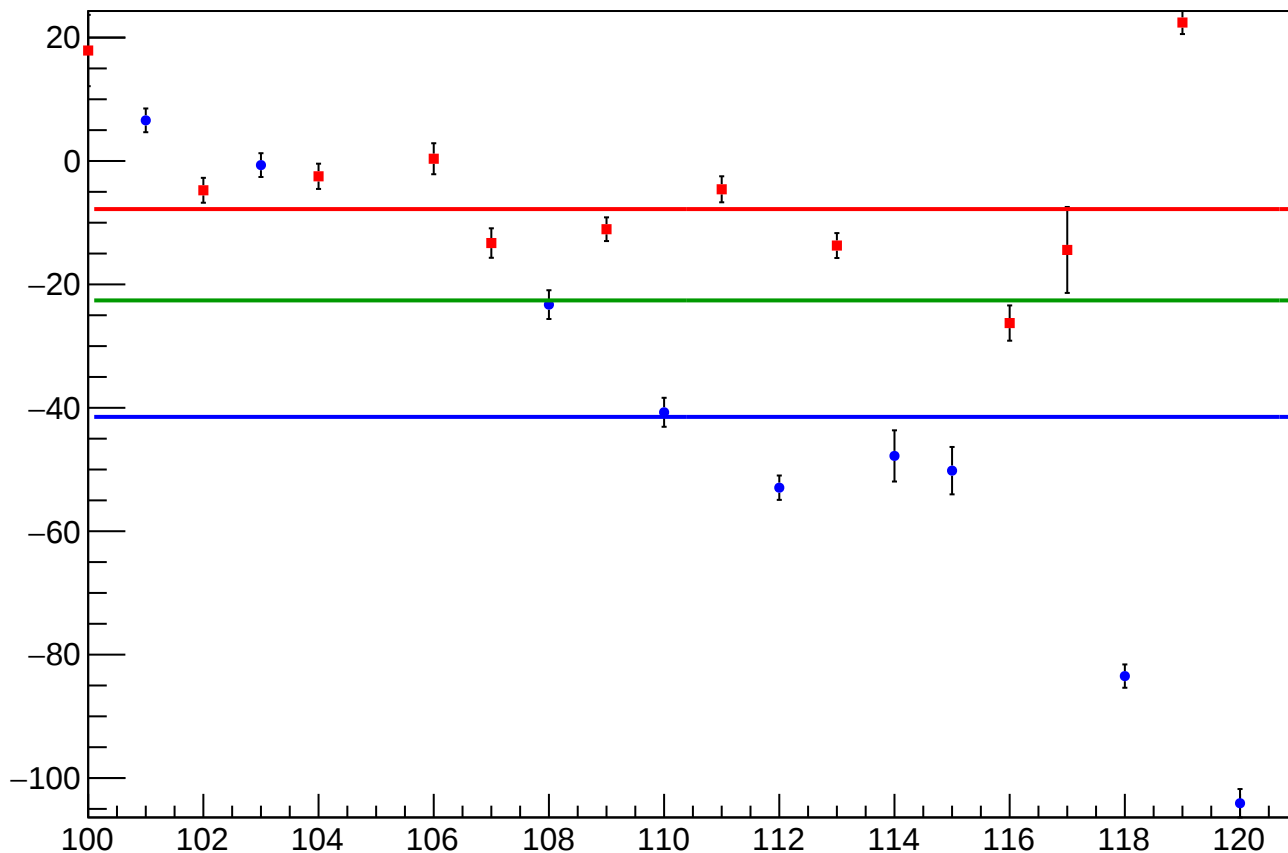
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1061.681 $\pm$ 0.404 χ^2 /NDF: 17628.8/8

1059.592 $\pm$ 0.268 χ^2 /NDF: 44286.6/20

1057.950 $\pm$ 0.358 χ^2 /NDF: 26610.2/11

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -41.471 $\pm$ 0.755 χ^2 /NDF: 2407.6/8

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

Right Out: -7.794 $\pm$ 0.668 χ^2 /NDF: 637.9/11

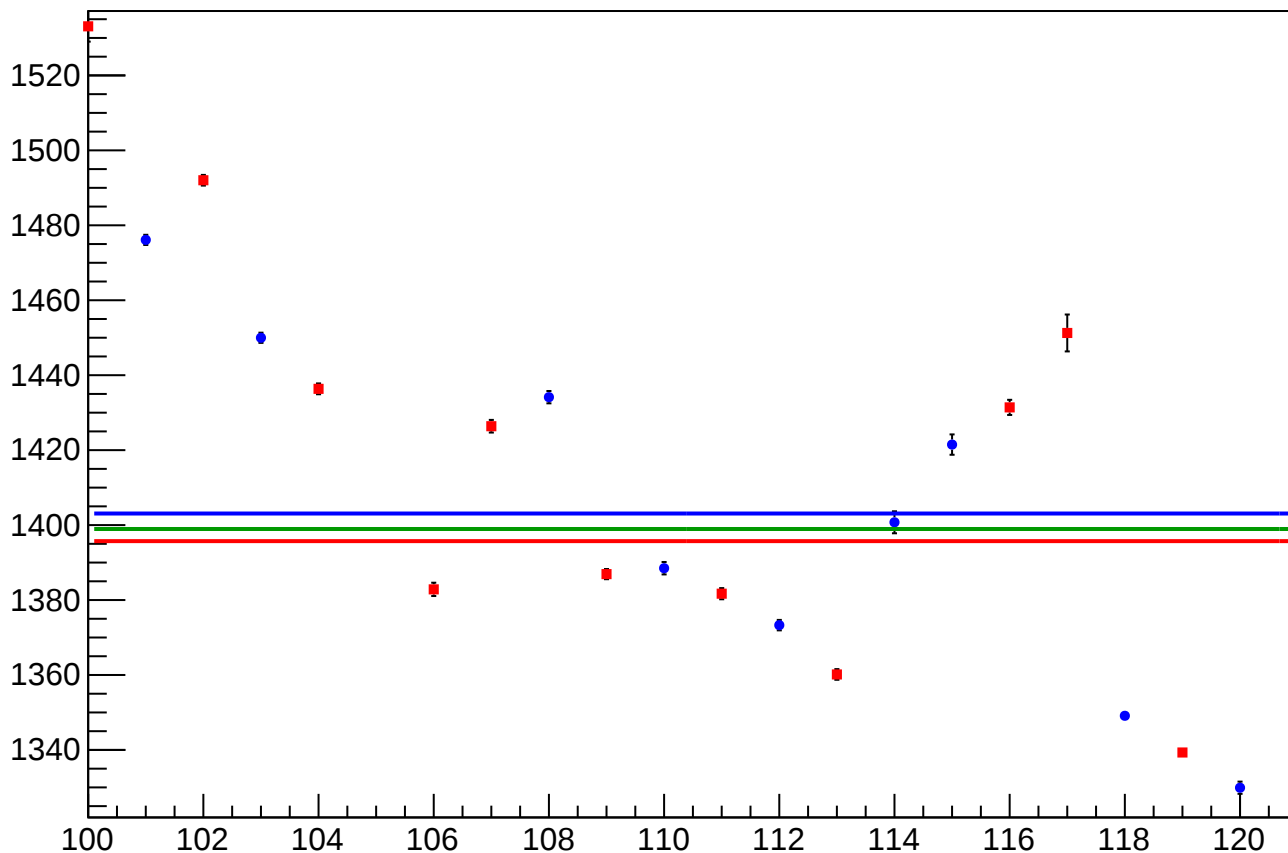
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-41.471 $\pm$ 0.755 χ^2 /NDF: 2407.6/8

-22.595 $\pm$ 0.500 χ^2 /NDF: 4161.6/20

-7.794 $\pm$ 0.668 χ^2 /NDF: 637.9/11

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1403.089 ± 0.534 $\chi^2/\text{NDF}: 8650.6/8$

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

Right Out: 1395.720 ± 0.473 $\chi^2/\text{NDF}: 12173.4/11$

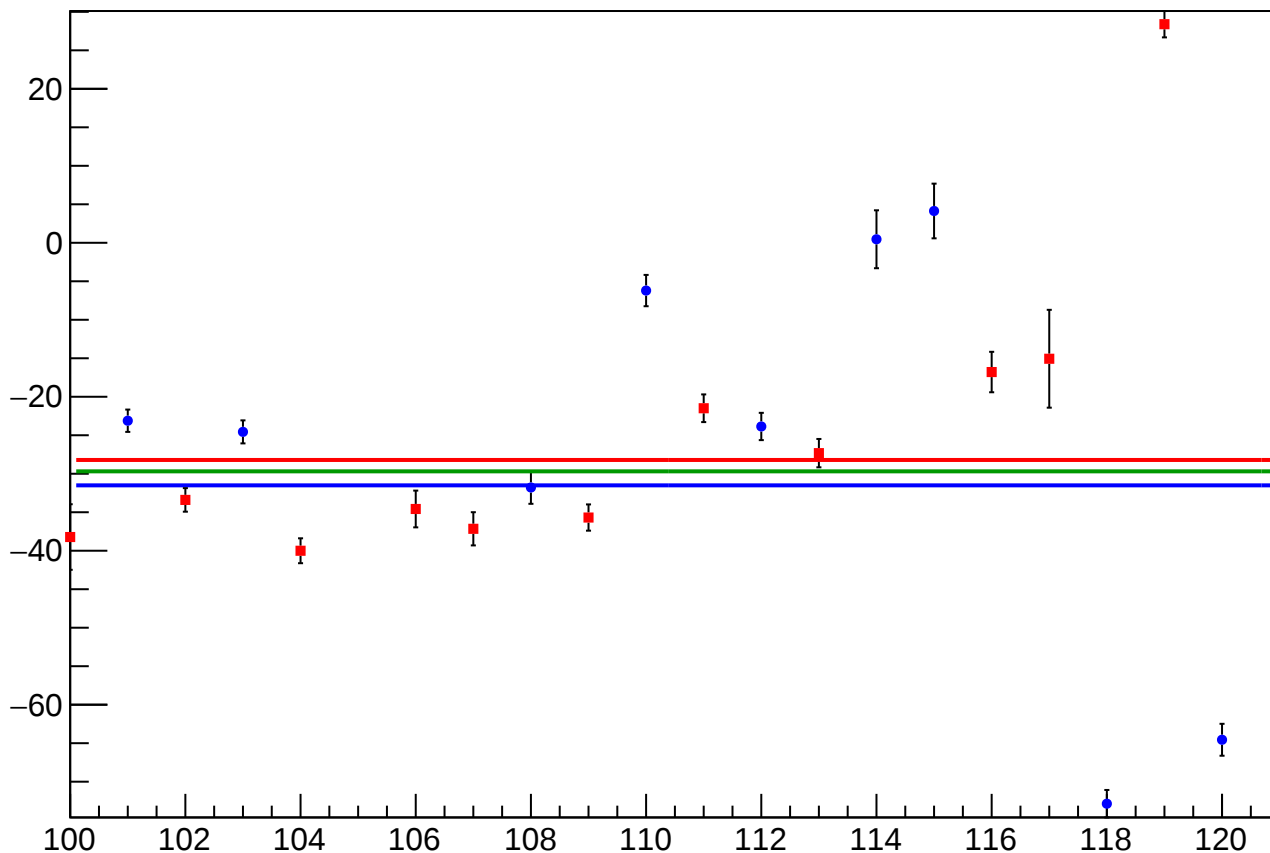
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1403.089 ± 0.534 $\chi^2/\text{NDF}: 8650.6/8$

1398.959 ± 0.354 $\chi^2/\text{NDF}: 20930.8/20$

1395.720 ± 0.473 $\chi^2/\text{NDF}: 12173.4/11$

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -31.507+/-0.645 χ^2/NDF : 1192.2/8

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

Right Out: -28.210+/-0.582 χ^2/NDF : 1719.2/11

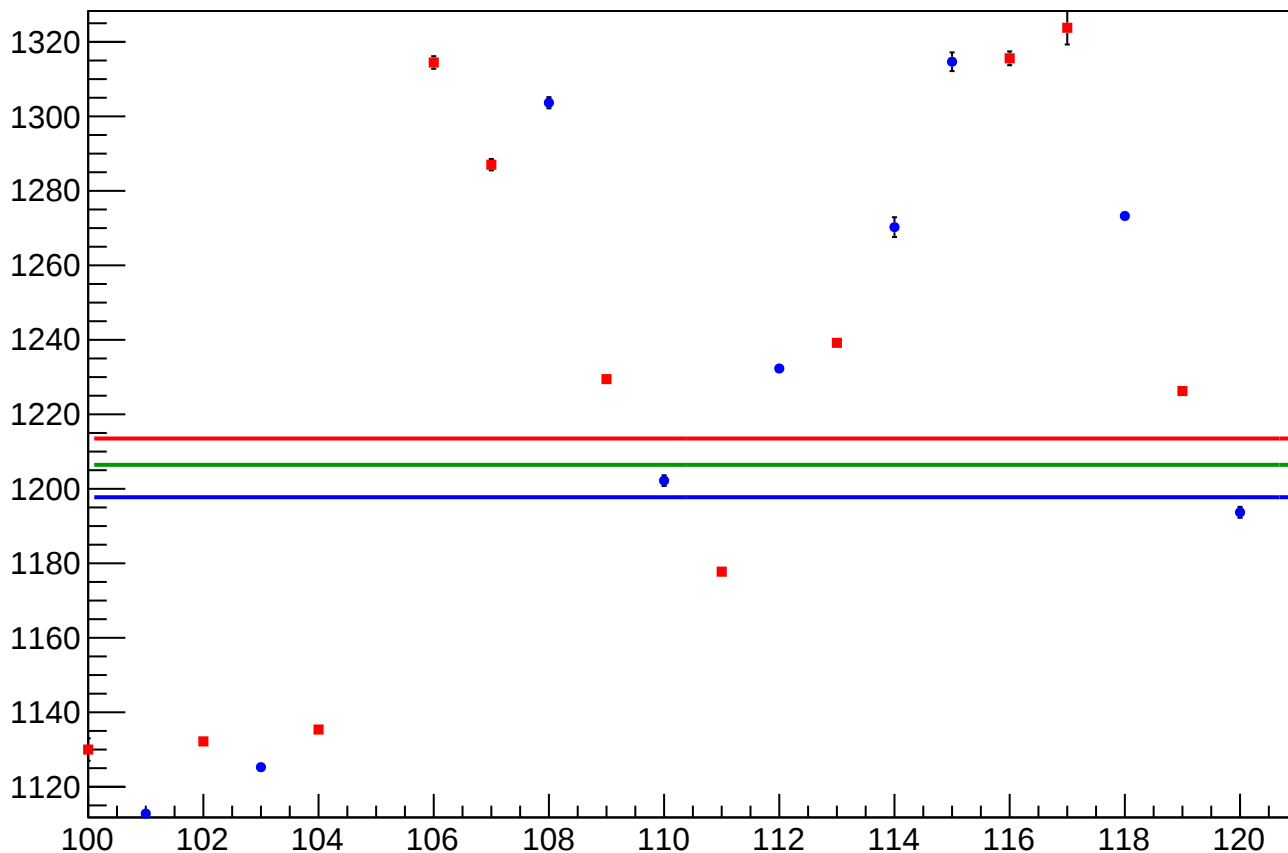
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-31.507+/-0.645 χ^2/NDF : 1192.2/8

-29.688+/-0.432 χ^2/NDF : 2925.8/20

-28.210+/-0.582 χ^2/NDF : 1719.2/11

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1197.745 $\pm$ 0.456 χ^2 /NDF: 23827.6/8

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

Right Out: 1213.511 $\pm$ 0.411 χ^2 /NDF: 23221.5/11

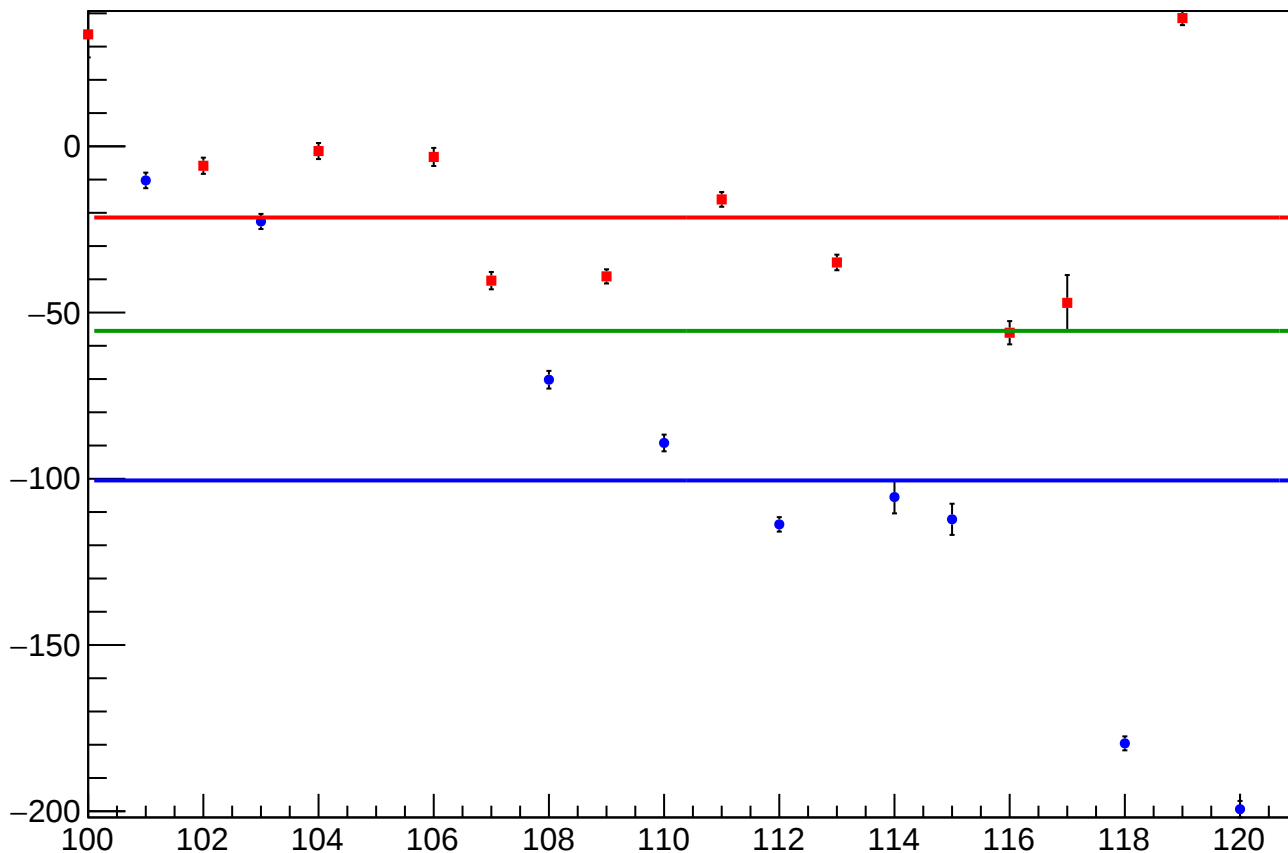
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1197.745 $\pm$ 0.456 χ^2 /NDF: 23827.6/8

1206.442 $\pm$ 0.305 χ^2 /NDF: 47707.9/20

1213.511 $\pm$ 0.411 χ^2 /NDF: 23221.5/11

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -100.500 ± 0.858 χ^2/NDF : 5840.6/8

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

Right Out: -21.405 ± 0.747 χ^2/NDF : 1886.3/11

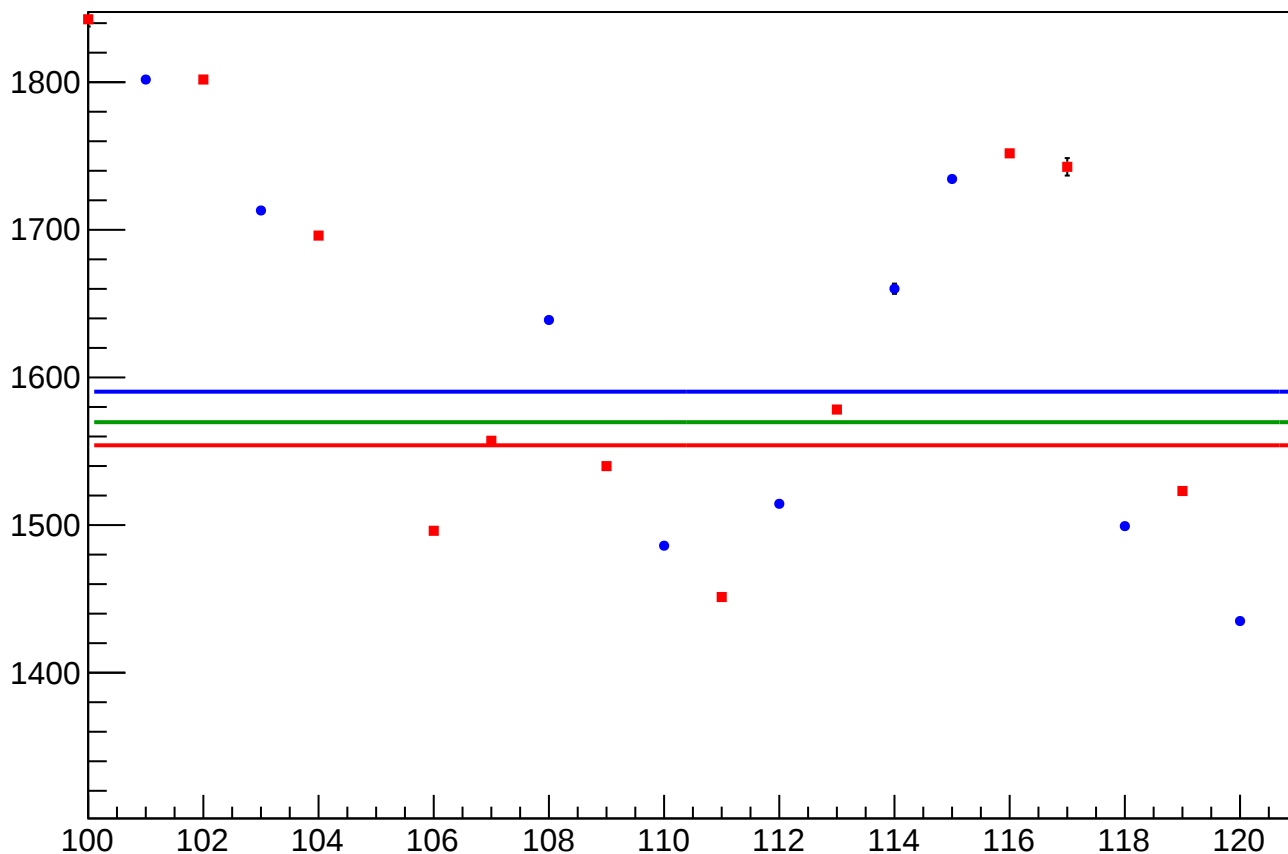
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-100.500 ± 0.858 χ^2/NDF : 5840.6/8

-55.511 ± 0.563 χ^2/NDF : 12563.8/20

-21.405 ± 0.747 χ^2/NDF : 1886.3/11

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1590.364 $\pm$ 0.606 χ^2 /NDF: 42434.6/8

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

Right Out: 1554.033 $\pm$ 0.528 χ^2 /NDF: 73063.1/11

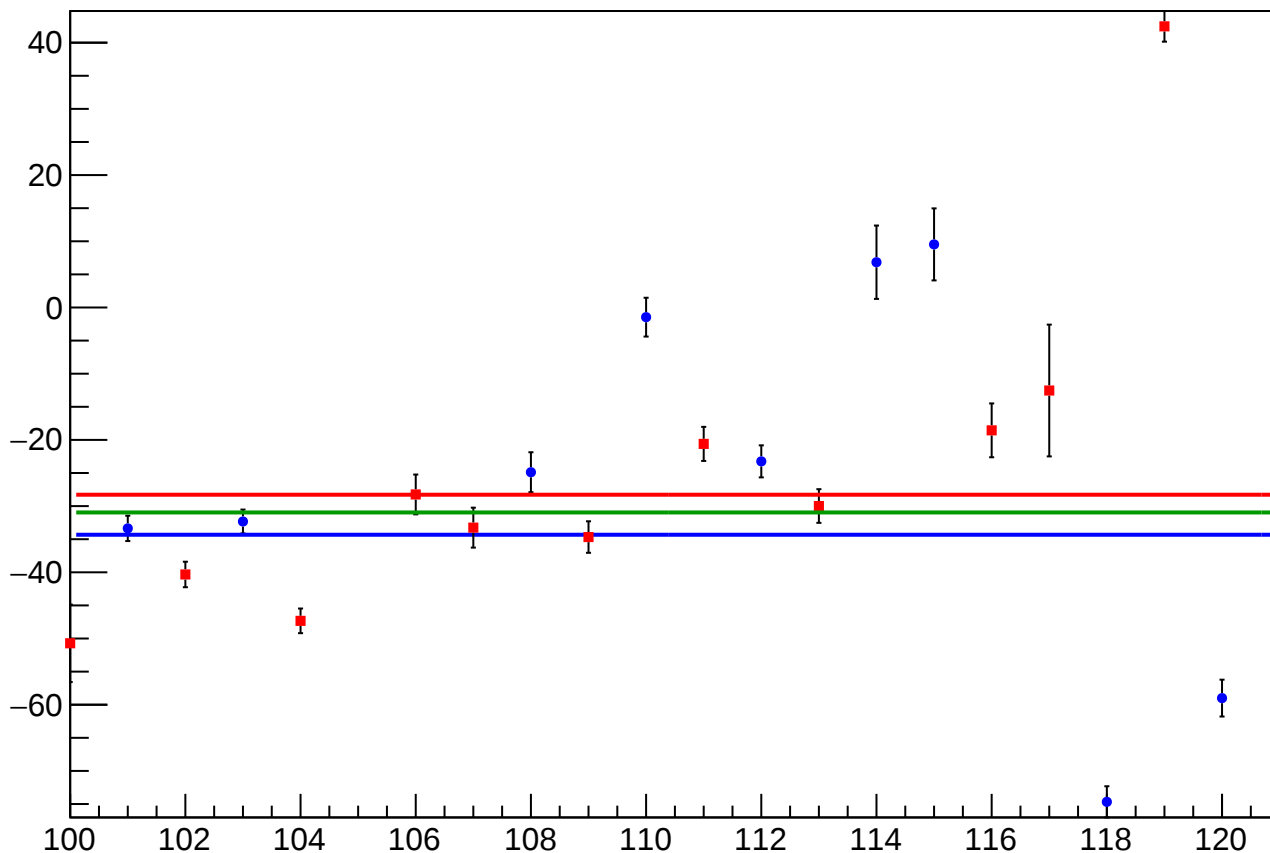
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1590.364 $\pm$ 0.606 χ^2 /NDF: 42434.6/8

1569.699 $\pm$ 0.398 χ^2 /NDF: 117538.7/20

1554.033 $\pm$ 0.528 χ^2 /NDF: 73063.1/11

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -34.326 ± 0.860 χ^2/NDF : 649.8/8

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

Right Out: -28.282 ± 0.766 χ^2/NDF : 1212.4/11

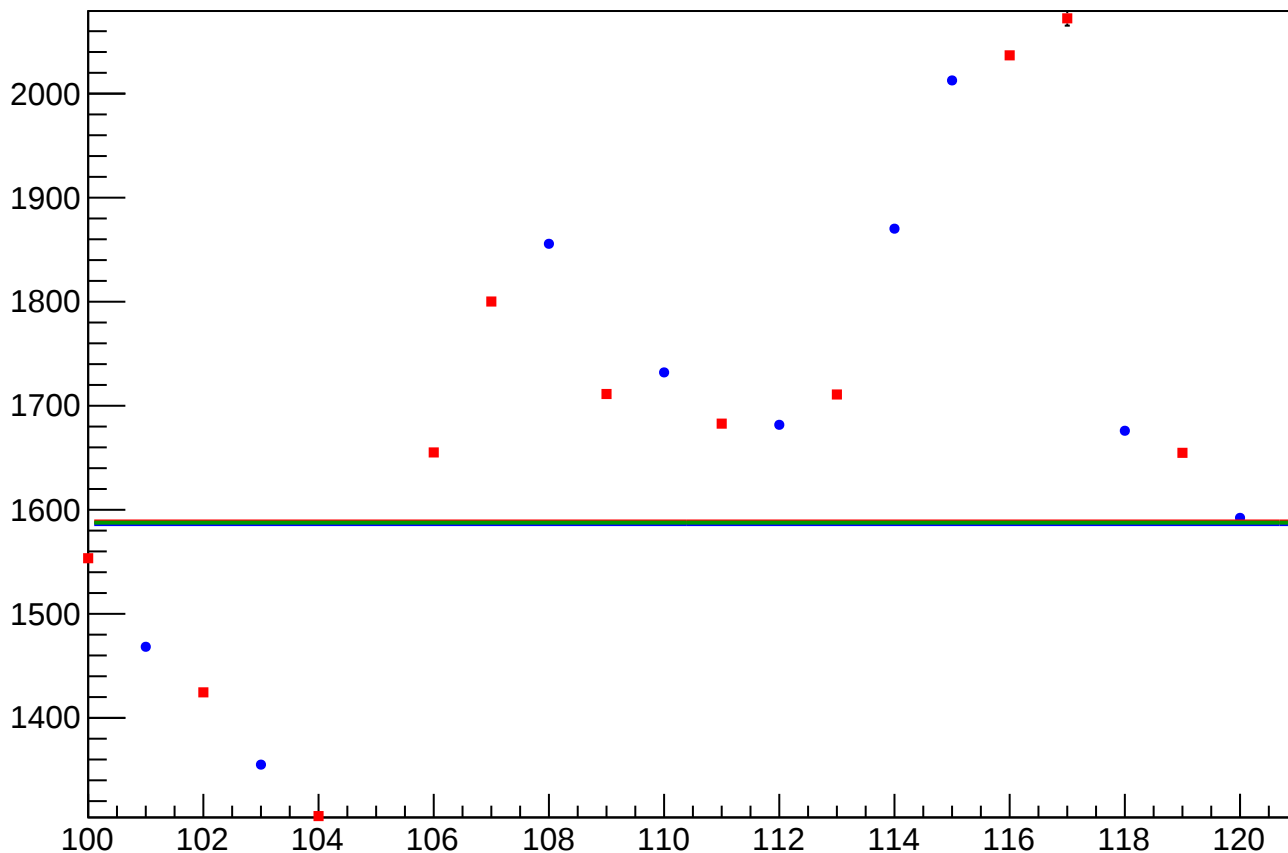
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-34.326 ± 0.860 χ^2/NDF : 649.8/8

-30.959 ± 0.572 χ^2/NDF : 1889.8/20

-28.282 ± 0.766 χ^2/NDF : 1212.4/11

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1586.256 $\pm$ 0.608 χ^2 /NDF: 84969.1/8

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

Right Out: 1588.781 $\pm$ 0.542 χ^2 /NDF: 114971.4/11

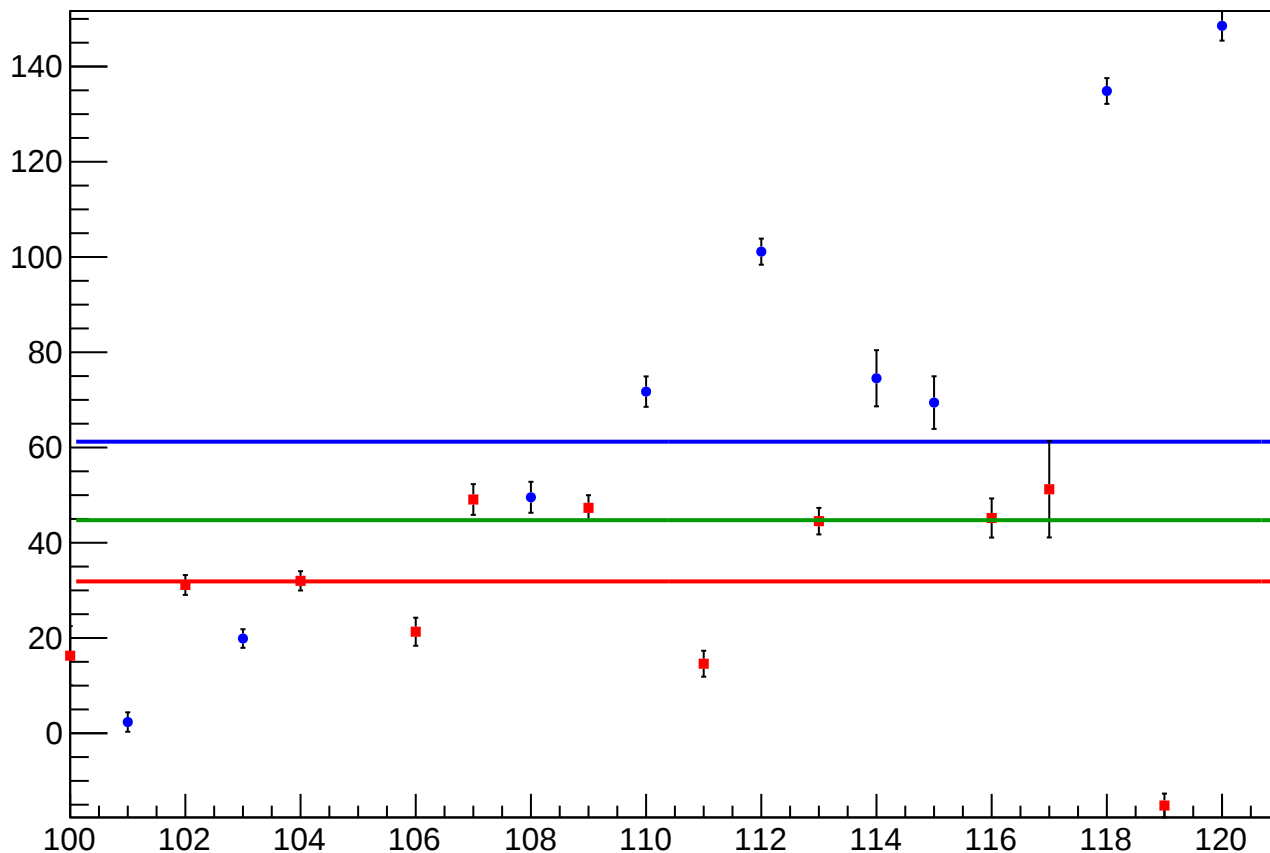
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1586.256 $\pm$ 0.608 χ^2 /NDF: 84969.1/8

1587.662 $\pm$ 0.405 χ^2 /NDF: 199950.2/20

1588.781 $\pm$ 0.542 χ^2 /NDF: 114971.4/11

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 61.226 $\pm$ 0.941 χ^2 /NDF: 3052.9/8

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

Right Out: 31.885 $\pm$ 0.831 χ^2 /NDF: 768.0/11

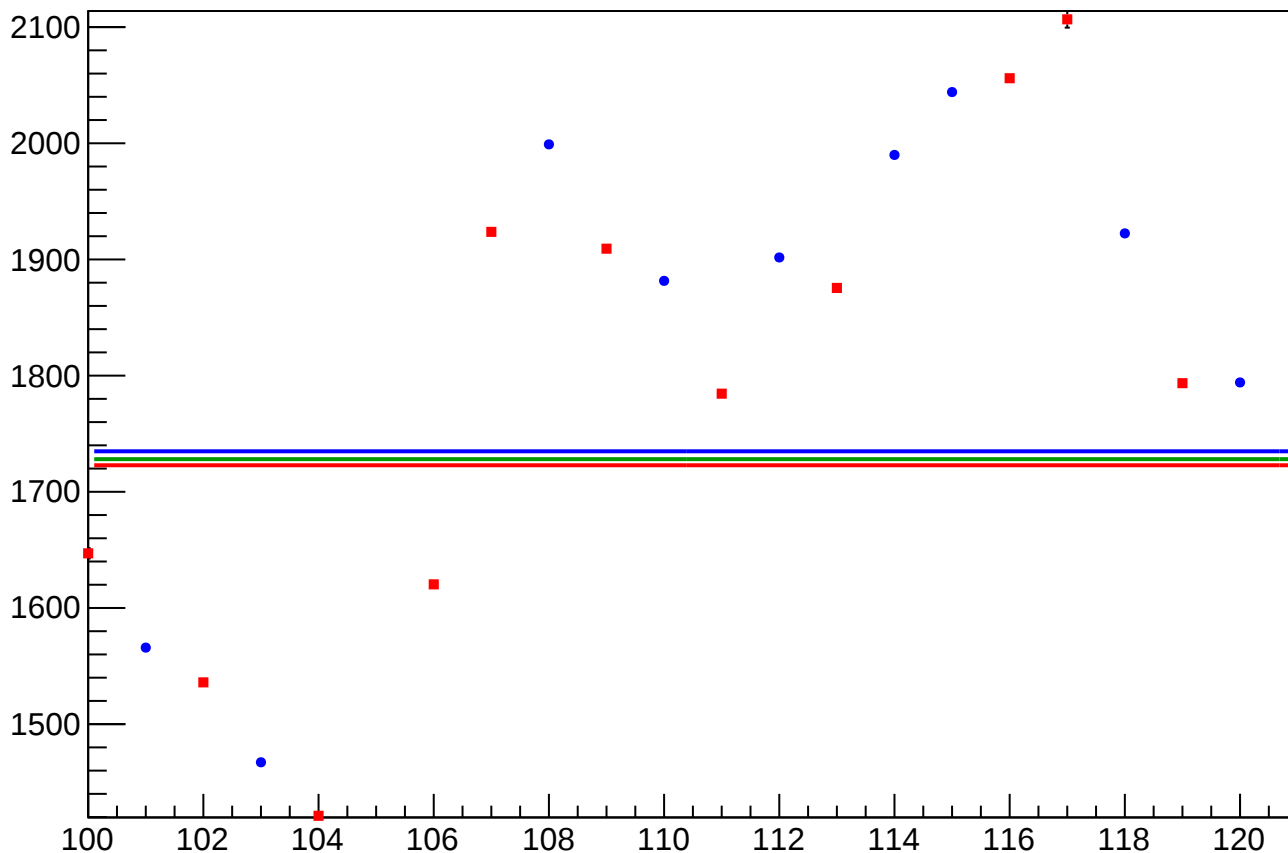
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

61.226 $\pm$ 0.941 χ^2 /NDF: 3052.9/8

44.744 $\pm$ 0.623 χ^2 /NDF: 4367.5/20

31.885 $\pm$ 0.831 χ^2 /NDF: 768.0/11

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1734.870+/-0.665 χ^2/NDF : 96567.9/8

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

Right Out: 1722.852+/-0.587 χ^2/NDF : 115122.1/11

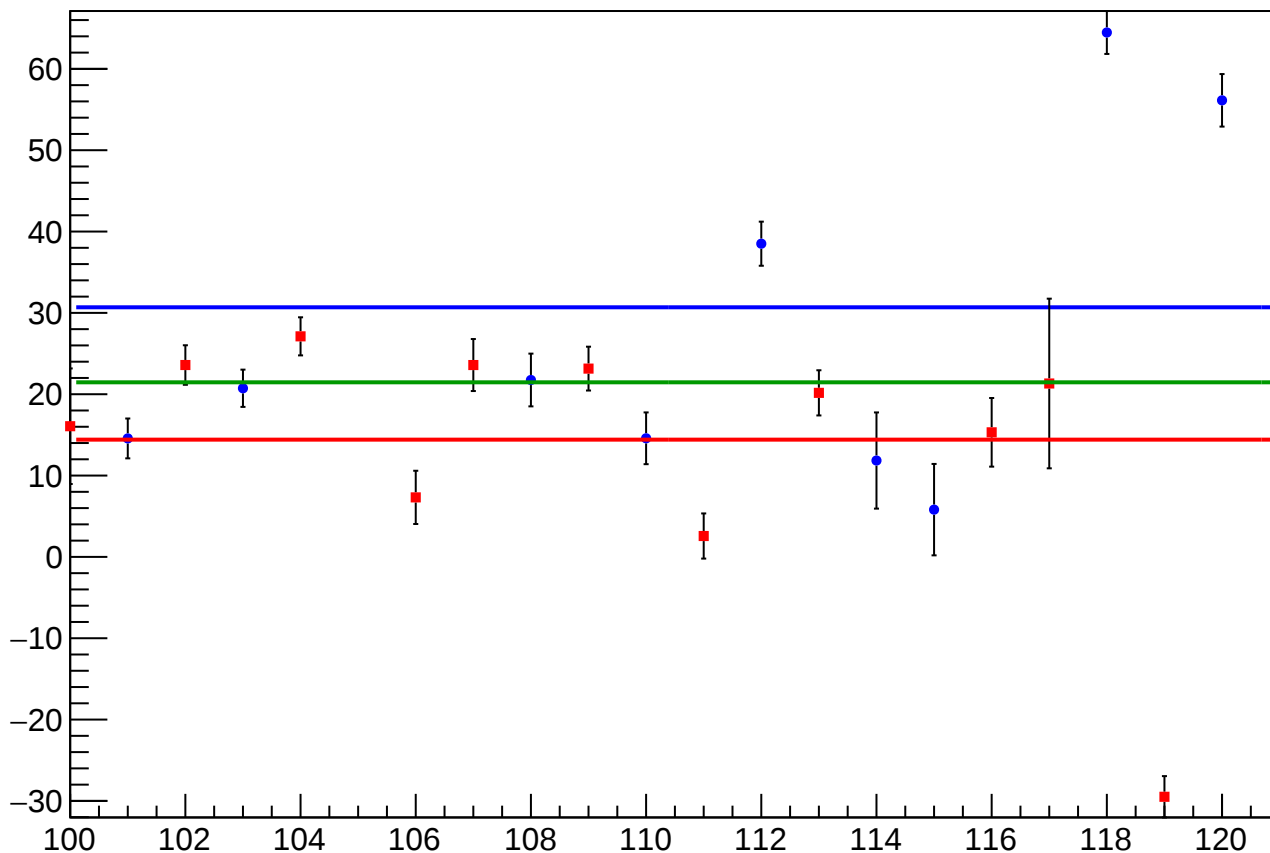
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1734.870+/-0.665 χ^2/NDF : 96567.9/8

1728.119+/-0.440 χ^2/NDF : 211873.4/20

1722.852+/-0.587 χ^2/NDF : 115122.1/11

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 30.688+/-1.007 χ^2/NDF : 359.4/8

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

Right Out: 14.416+/-0.880 χ^2/NDF : 429.7/11

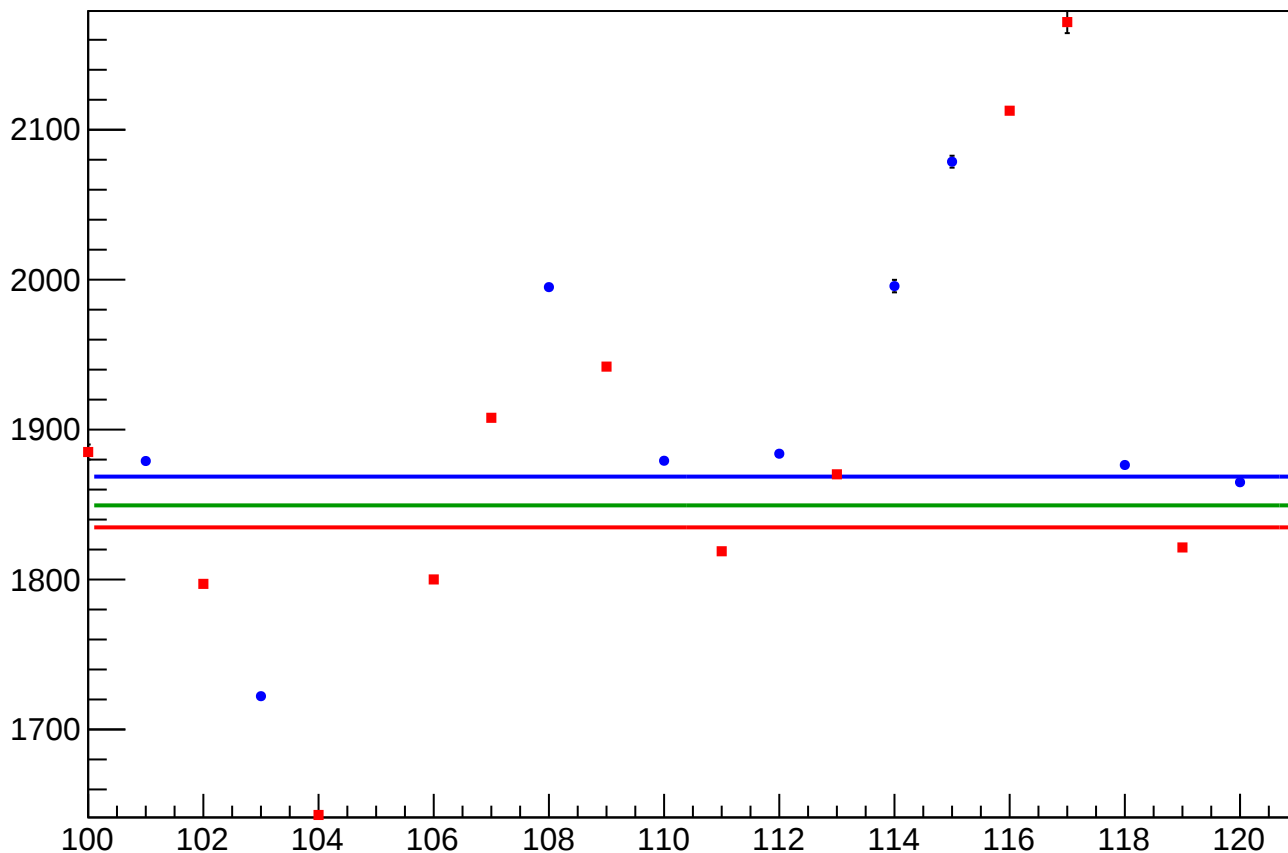
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.688+/-1.007 χ^2/NDF : 359.4/8

21.465+/-0.663 χ^2/NDF : 937.2/20

14.416+/-0.880 χ^2/NDF : 429.7/11

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1868.653 $\pm$ 0.712 χ^2 /NDF: 15075.6/8

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

Right Out: 1834.791 $\pm$ 0.622 χ^2 /NDF: 29759.3/11

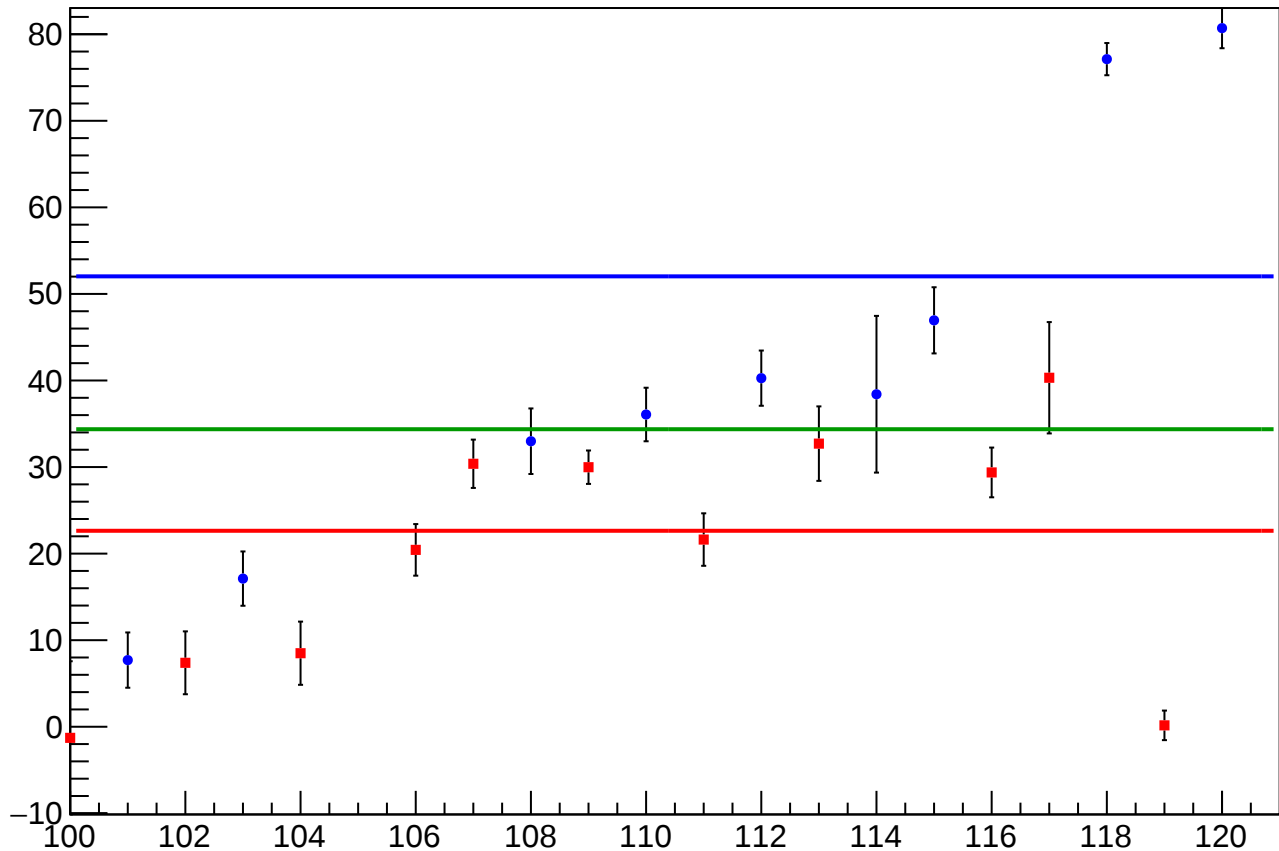
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1868.653 $\pm$ 0.712 χ^2 /NDF: 15075.6/8

1849.460 $\pm$ 0.468 χ^2 /NDF: 46117.8/20

1834.791 $\pm$ 0.622 χ^2 /NDF: 29759.3/11

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 52.030+/-0.987 χ^2/NDF : 720.6/8

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

Right Out: 22.639+/-0.804 χ^2/NDF : 408.1/11

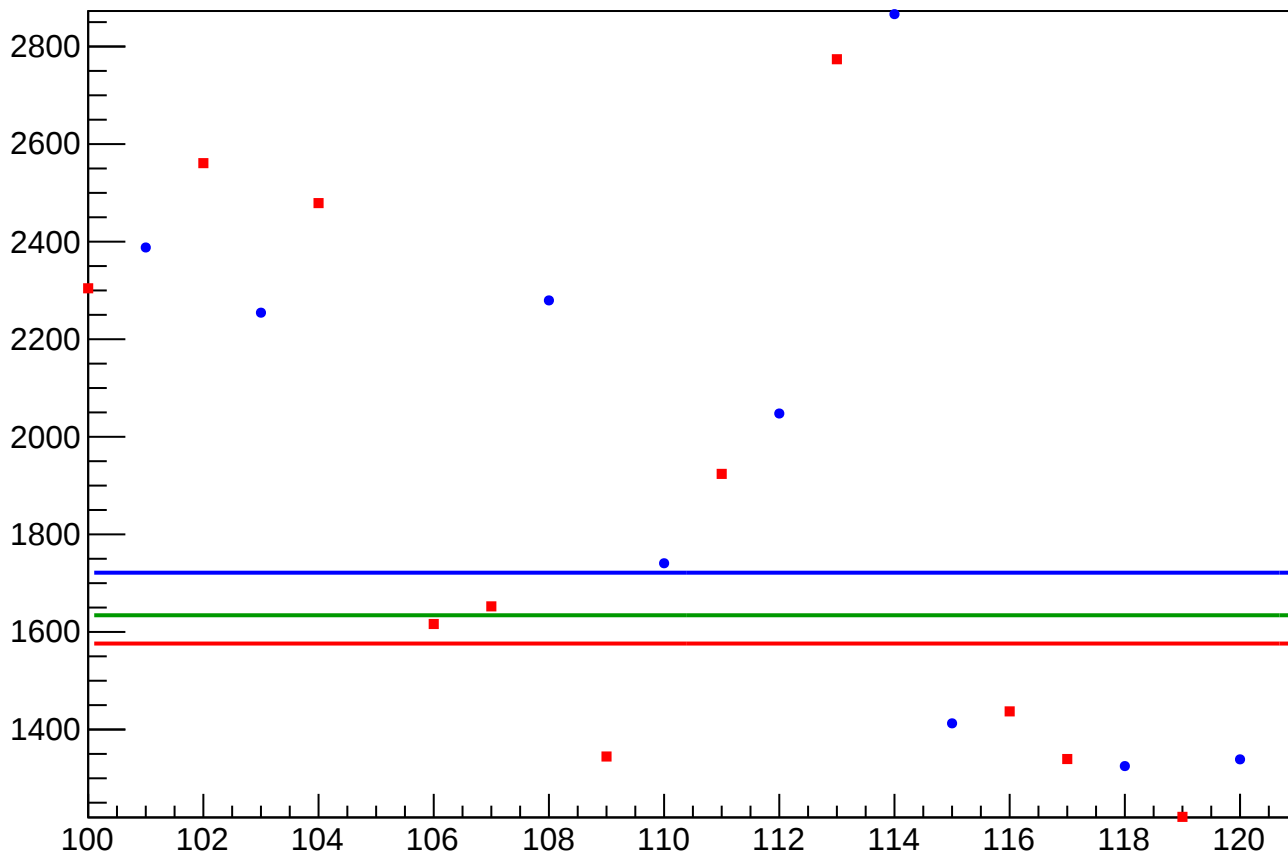
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.030+/-0.987 χ^2/NDF : 720.6/8

34.371+/-0.623 χ^2/NDF : 1661.8/20

22.639+/-0.804 χ^2/NDF : 408.1/11

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1721.470 $\pm$ 0.698 χ^2/NDF : 399497.9/8

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

Right Out: 1576.225 $\pm$ 0.569 χ^2/NDF : 623351.5/11

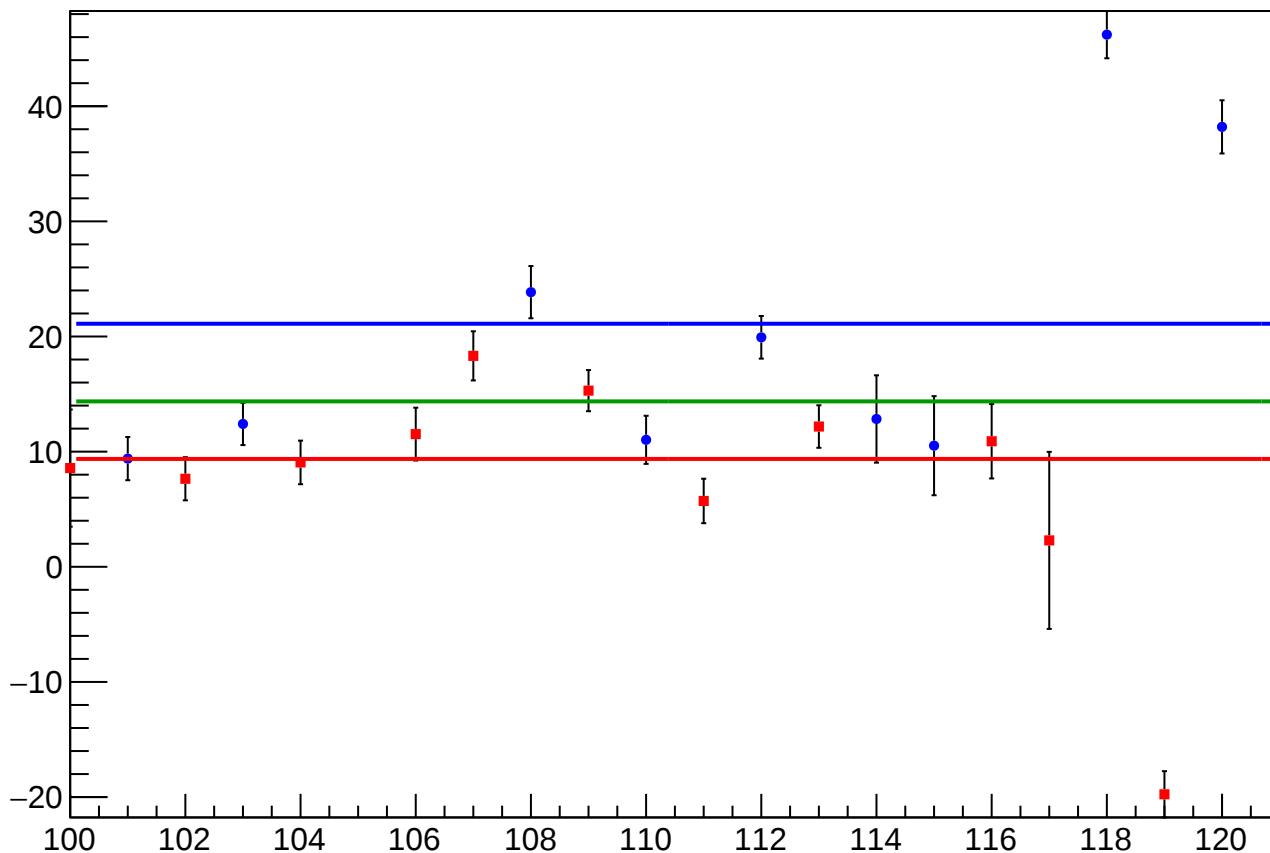
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1721.470 $\pm$ 0.698 χ^2/NDF : 399497.9/8

1634.201 $\pm$ 0.441 χ^2/NDF : 1048890.6/20

1576.225 $\pm$ 0.569 χ^2/NDF : 623351.5/11

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 21.108 $\pm$ 0.736 χ^2 /NDF: 301.7/8

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

Right Out: 9.367 $\pm$ 0.634 χ^2 /NDF: 304.4/11

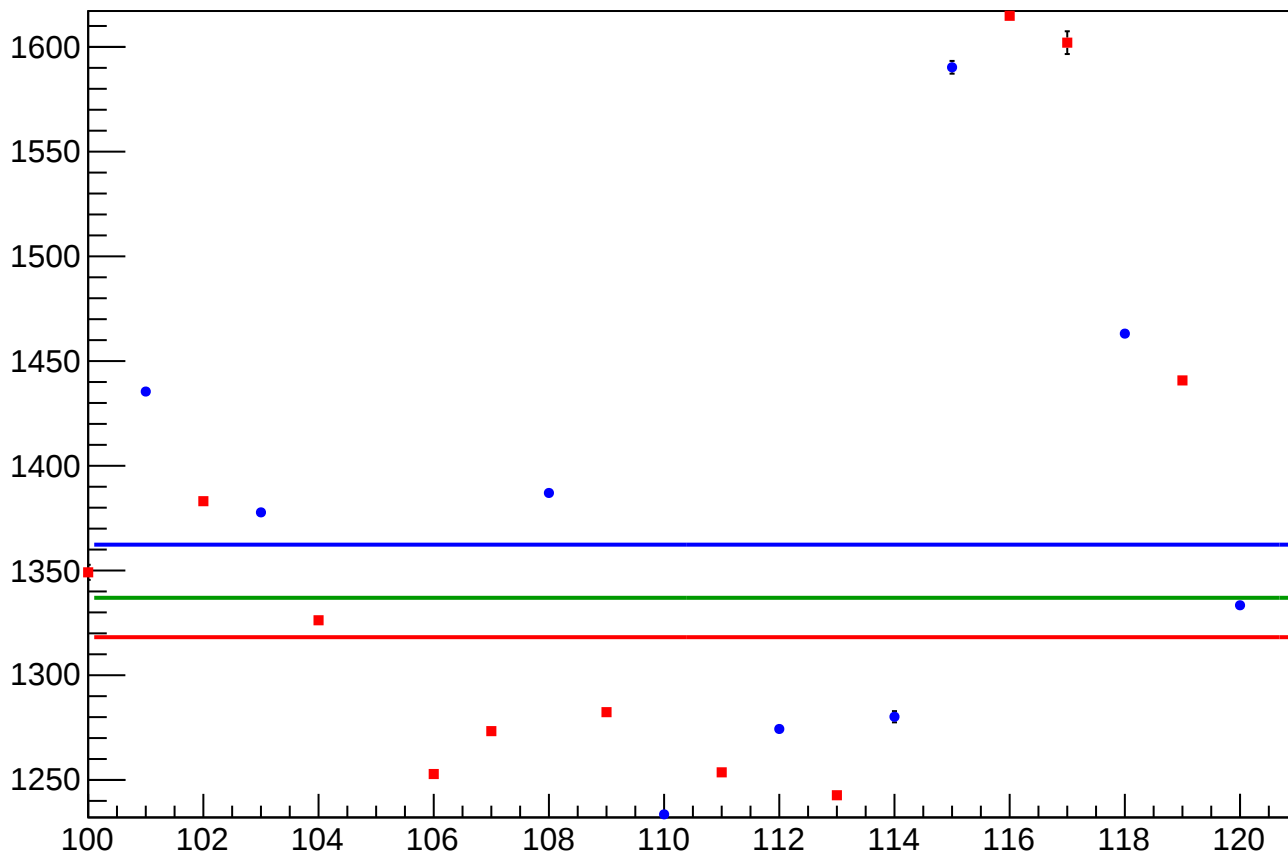
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.108 $\pm$ 0.736 χ^2 /NDF: 301.7/8

14.365 $\pm$ 0.480 χ^2 /NDF: 752.1/20

9.367 $\pm$ 0.634 χ^2 /NDF: 304.4/11

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1362.345 ± 0.521 χ^2/NDF : 27209.5/8

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

Right Out: 1318.166 ± 0.448 χ^2/NDF : 39760.1/11

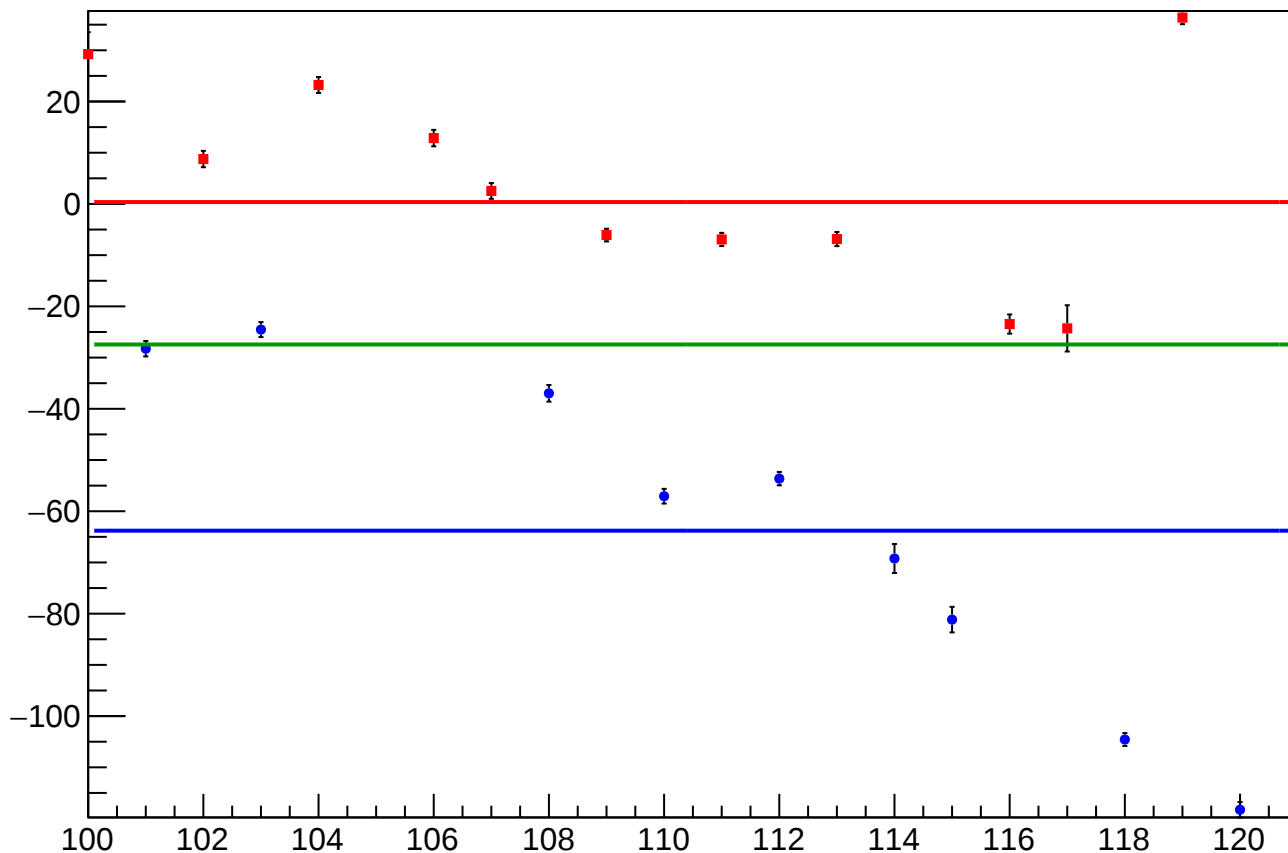
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1362.345 ± 0.521 χ^2/NDF : 27209.5/8

1336.971 ± 0.340 χ^2/NDF : 71103.1/20

1318.166 ± 0.448 χ^2/NDF : 39760.1/11

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -63.797 $\pm$ 0.520 χ^2 /NDF: 4032.1/8

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

Right Out: 0.364 $\pm$ 0.454 χ^2 /NDF: 2414.9/11

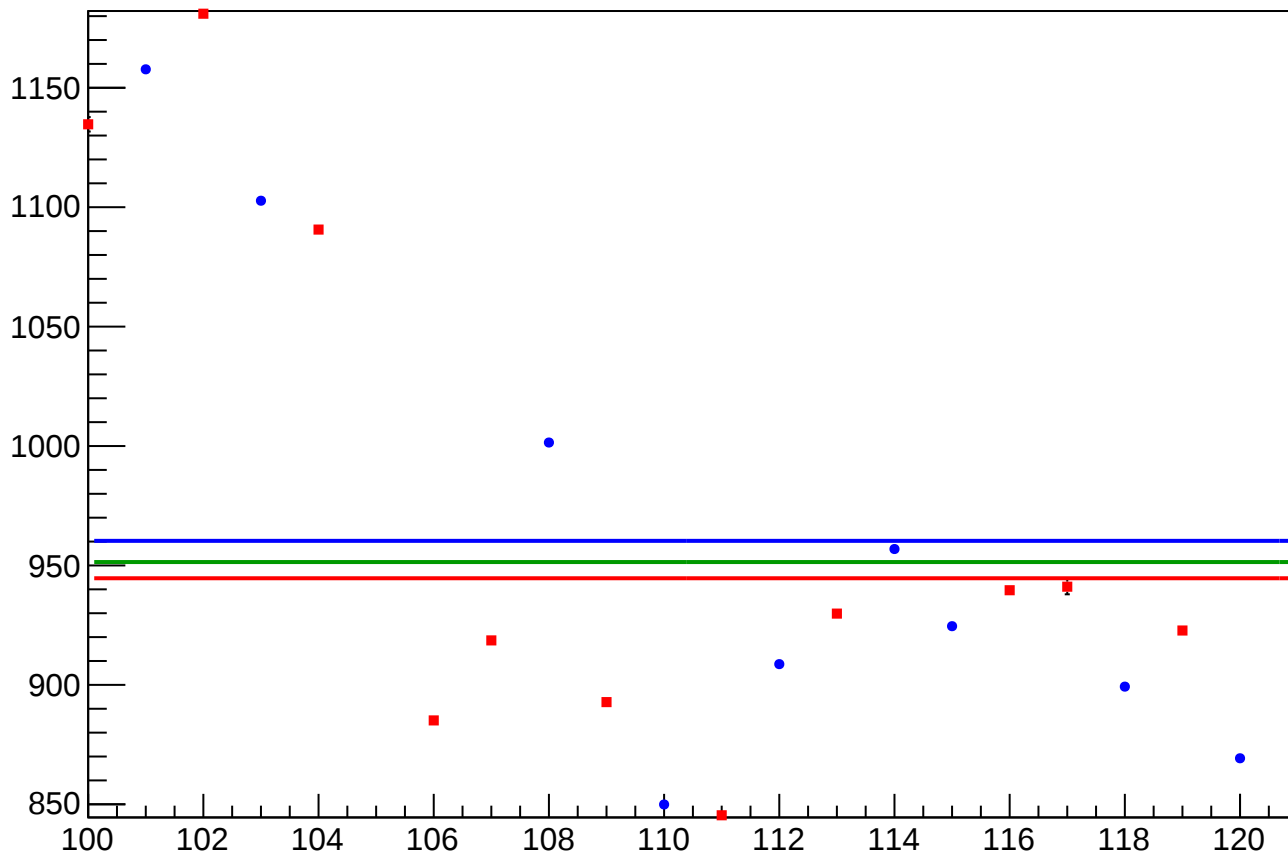
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-63.797 $\pm$ 0.520 χ^2 /NDF: 4032.1/8

-27.442 $\pm$ 0.342 χ^2 /NDF: 15088.8/20

0.364 $\pm$ 0.454 χ^2 /NDF: 2414.9/11

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 960.301+/-0.367 χ^2/NDF : 81649.5/8

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

Right Out: 944.639+/-0.321 χ^2/NDF : 85581.3/11

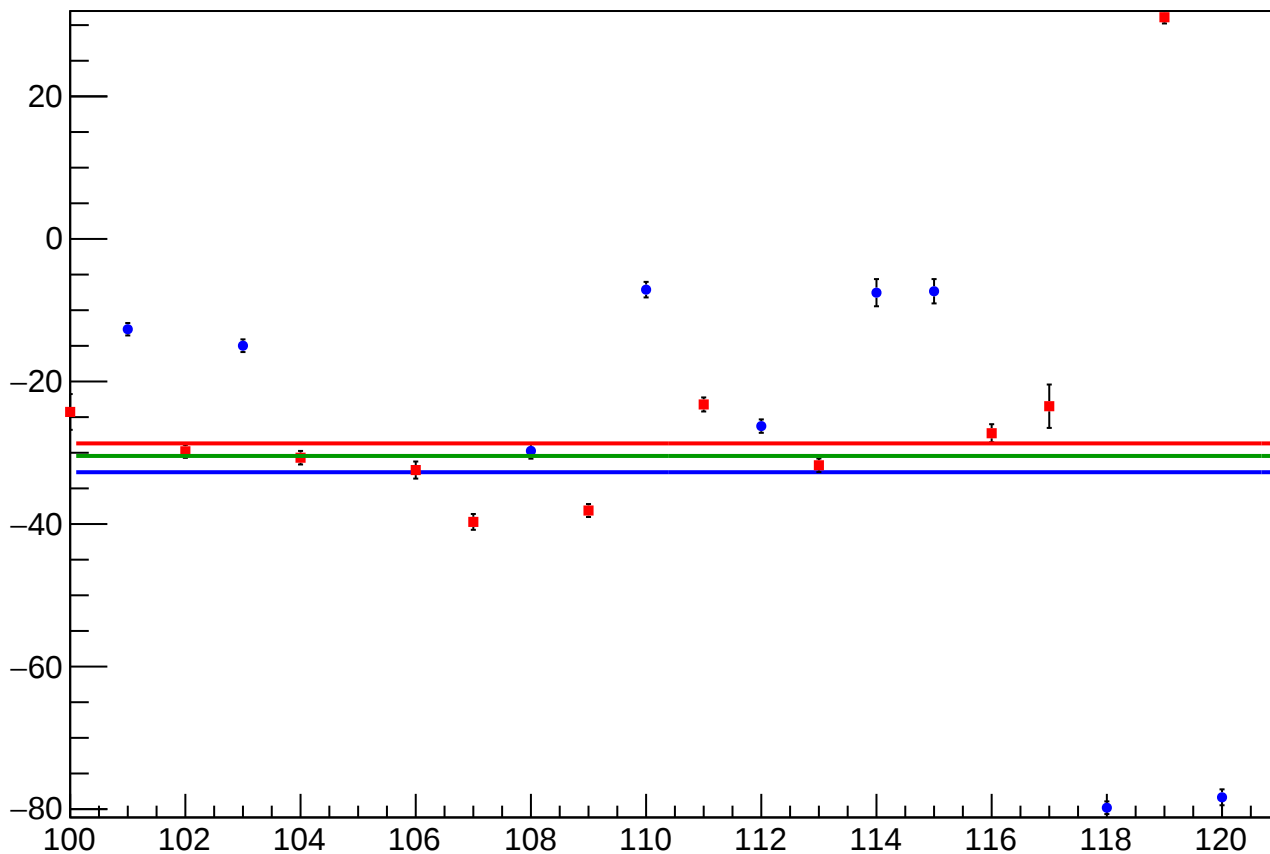
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

960.301+/-0.367 χ^2/NDF : 81649.5/8

951.427+/-0.242 χ^2/NDF : 168260.7/20

944.639+/-0.321 χ^2/NDF : 85581.3/11

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -32.730+/-0.352 χ^2/NDF : 6380.1/8

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

Right Out: -28.688+/-0.309 χ^2/NDF : 7861.8/11

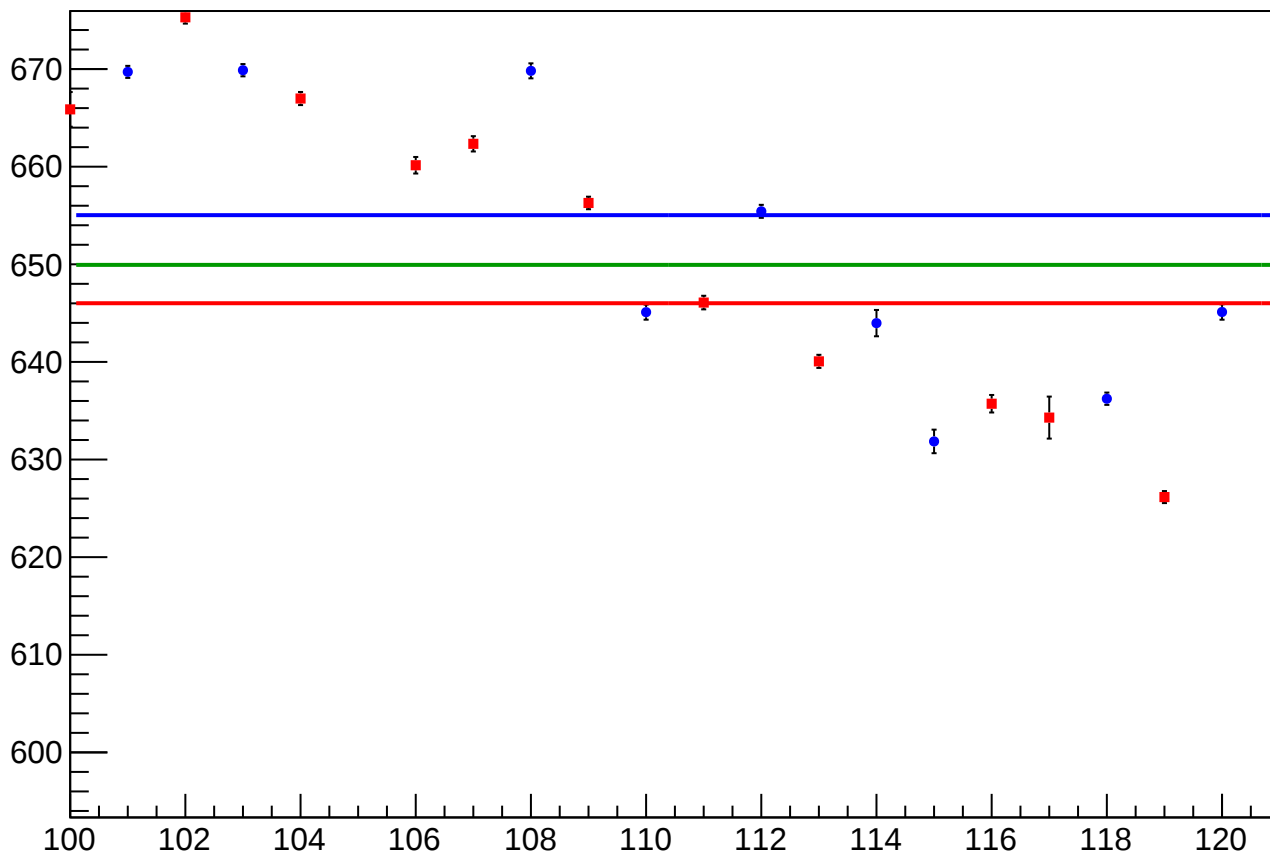
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.730+/-0.352 χ^2/NDF : 6380.1/8

-30.447+/-0.232 χ^2/NDF : 14316.3/20

-28.688+/-0.309 χ^2/NDF : 7861.8/11

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 655.035 $\pm$ 0.249 χ^2 /NDF: 3140.2/8

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

Right Out: 646.012 $\pm$ 0.219 χ^2 /NDF: 11310.3/11

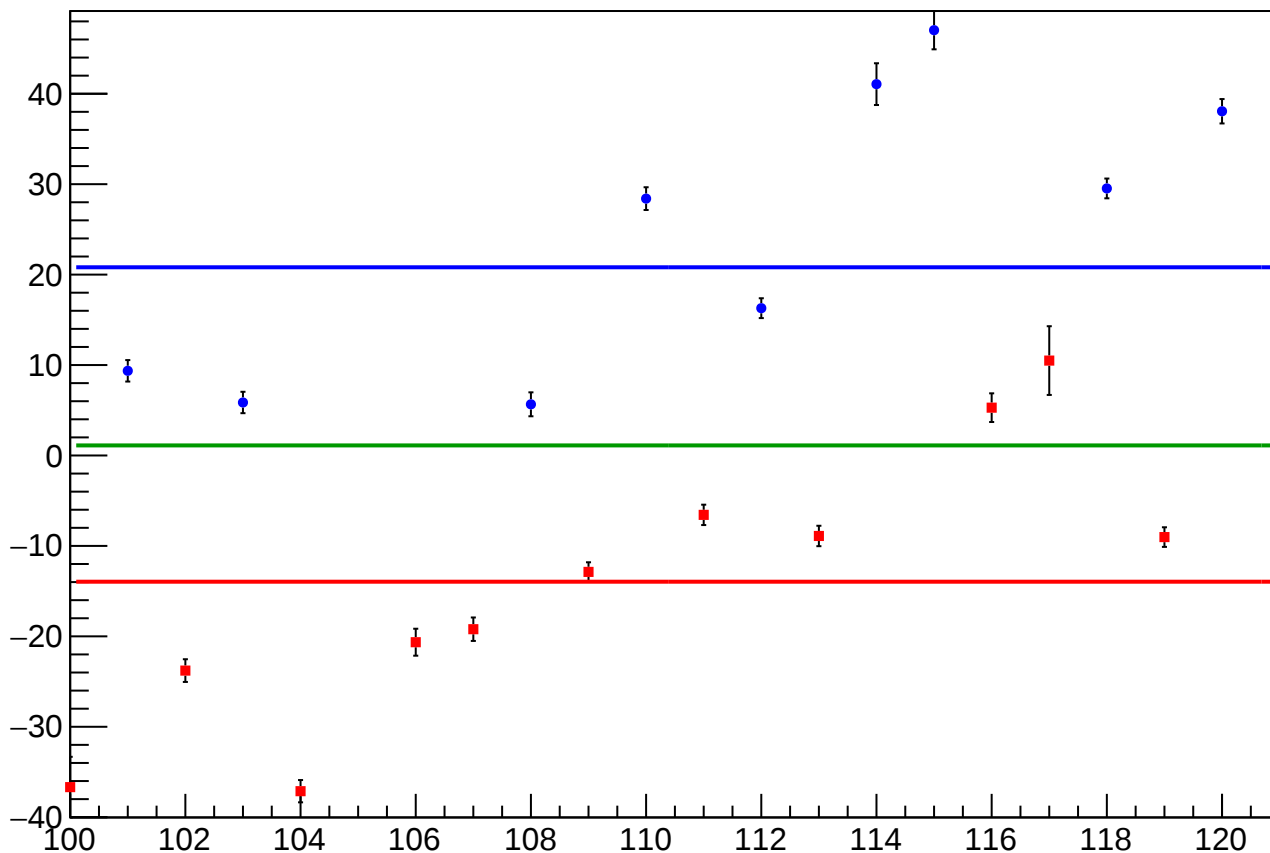
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

655.035 $\pm$ 0.249 χ^2 /NDF: 3140.2/8

649.941 $\pm$ 0.164 χ^2 /NDF: 15191.6/20

646.012 $\pm$ 0.219 χ^2 /NDF: 11310.3/11

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 20.810+/-0.436 χ^2 /NDF: 894.8/8

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

Right Out: -13.958+/-0.382 χ^2 /NDF: 813.2/11

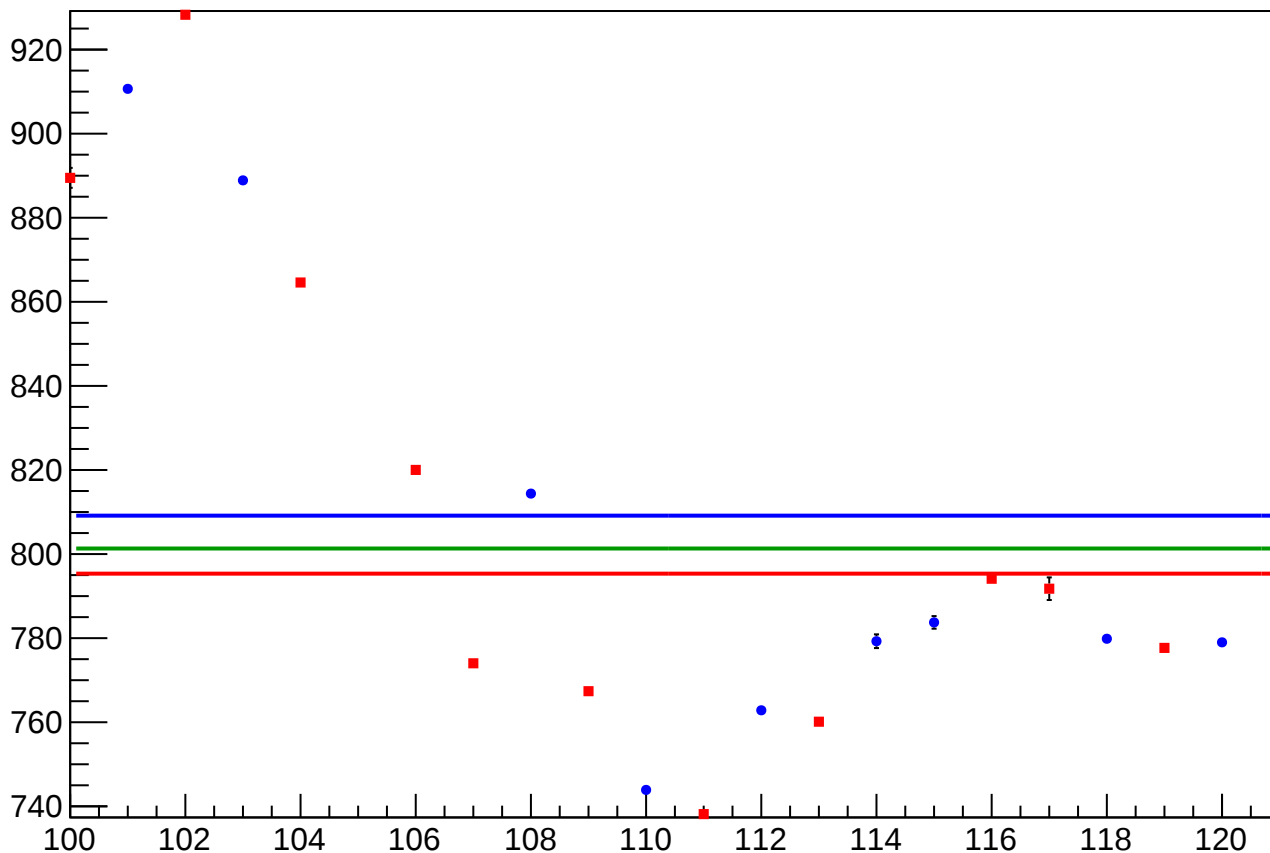
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

20.810+/-0.436 χ^2 /NDF: 894.8/8

1.113+/-0.287 χ^2 /NDF: 5307.4/20

-13.958+/-0.382 χ^2 /NDF: 813.2/11

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 809.140 $\pm$ 0.308 χ^2 /NDF: 35751.2/8

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

Right Out: 795.344 $\pm$ 0.270 χ^2 /NDF: 42066.4/11

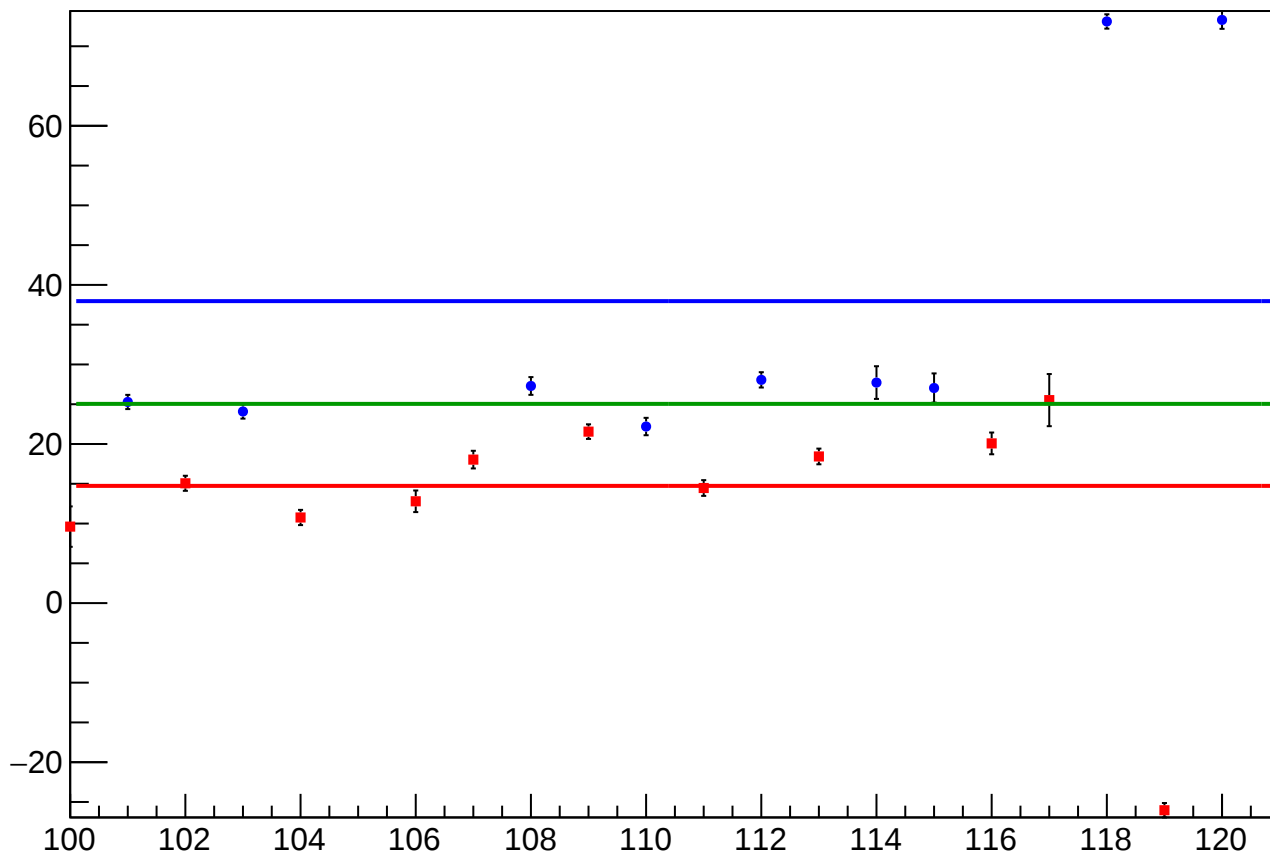
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

809.140 $\pm$ 0.308 χ^2 /NDF: 35751.2/8

801.324 $\pm$ 0.203 χ^2 /NDF: 78951.2/20

795.344 $\pm$ 0.270 χ^2 /NDF: 42066.4/11

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 37.962 $\pm$ 0.359 χ^2 /NDF: 3417.5/8

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

Right Out: 14.736 $\pm$ 0.320 χ^2 /NDF: 3596.6/11

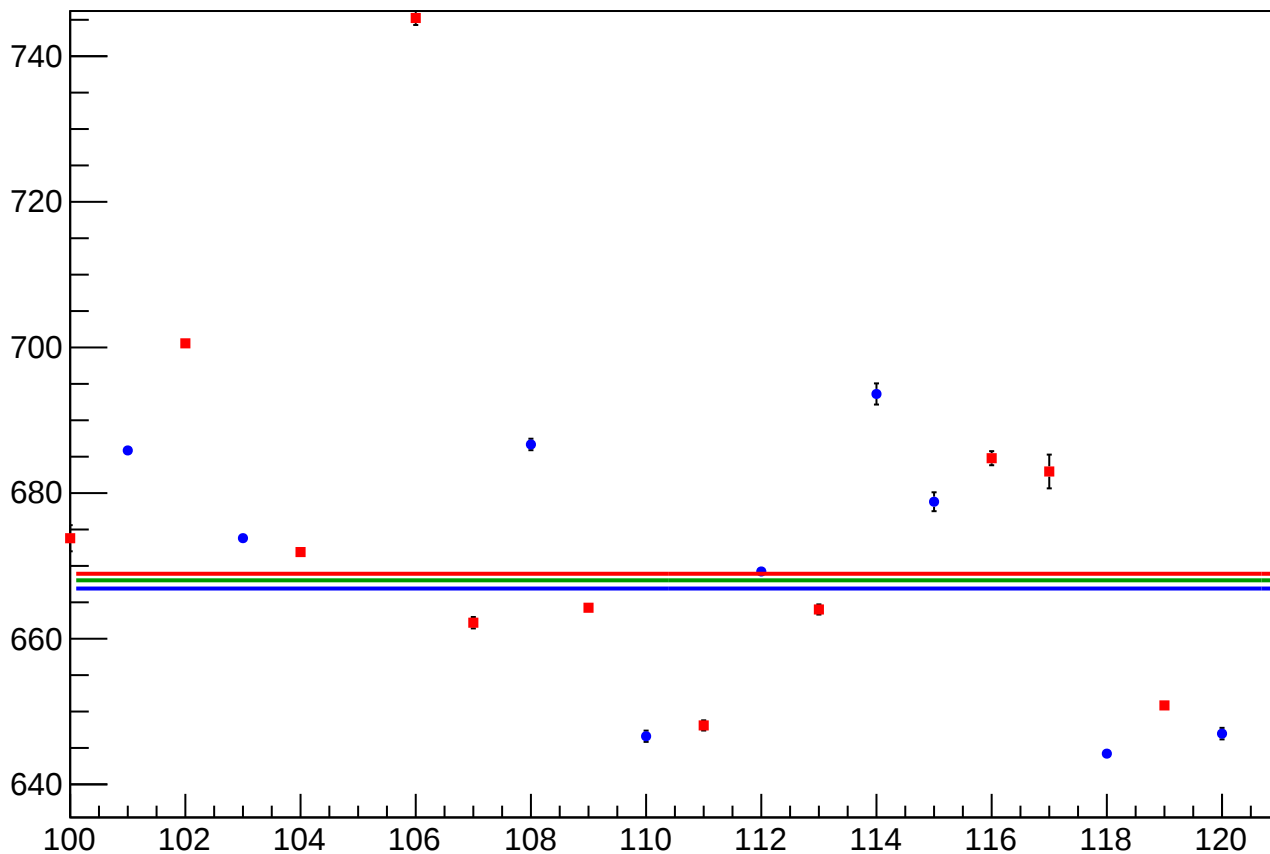
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

37.962 $\pm$ 0.359 χ^2 /NDF: 3417.5/8

25.045 $\pm$ 0.239 χ^2 /NDF: 9346.5/20

14.736 $\pm$ 0.320 χ^2 /NDF: 3596.6/11

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.893 $\pm$ 0.254 χ^2 /NDF: 4665.3/8

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

Right Out: 668.922 $\pm$ 0.227 χ^2 /NDF: 12780.0/11

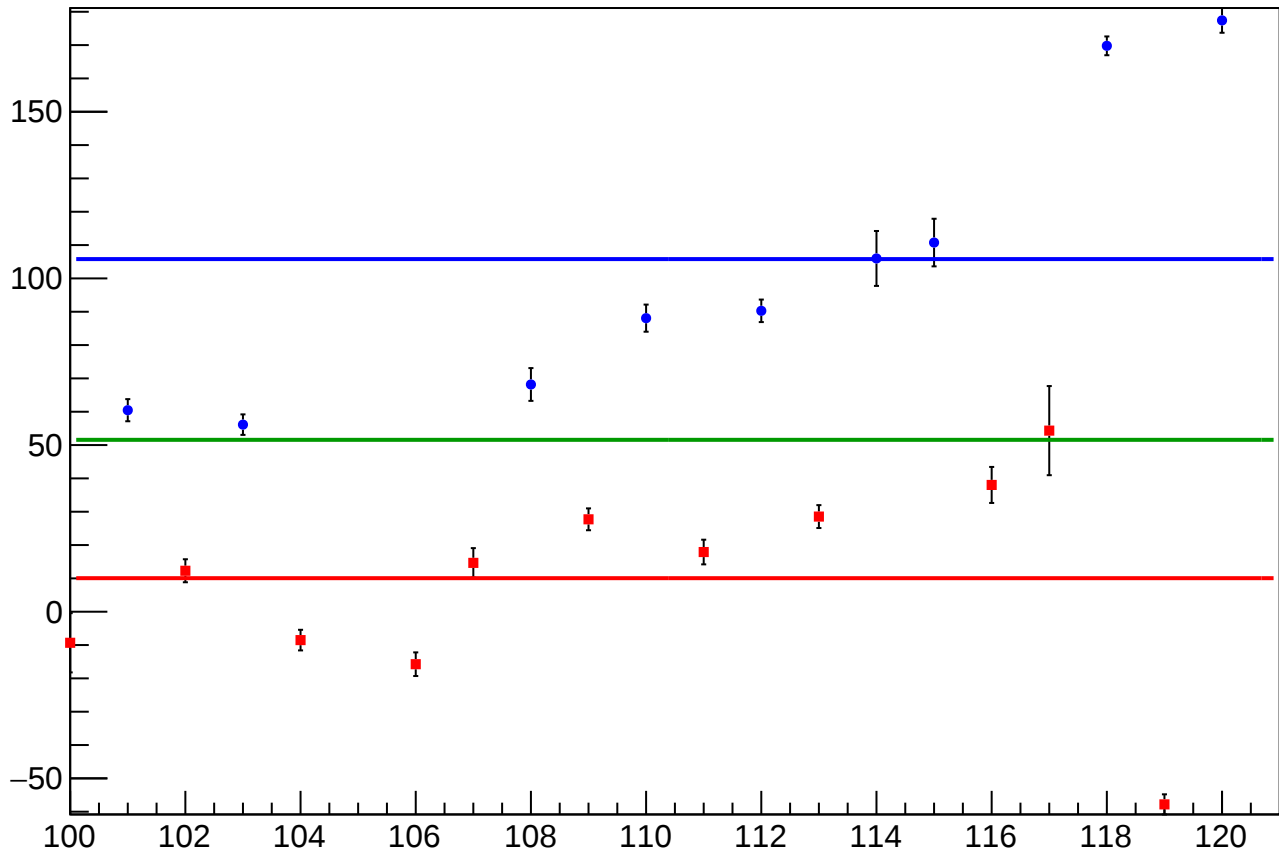
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

666.893 $\pm$ 0.254 χ^2 /NDF: 4665.3/8

668.022 $\pm$ 0.169 χ^2 /NDF: 17480.9/20

668.922 $\pm$ 0.227 χ^2 /NDF: 12780.0/11

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 105.796 $\pm$ 1.271 χ^2 /NDF: 1433.6/8

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

Right Out: 10.061 $\pm$ 1.112 χ^2 /NDF: 1216.5/11

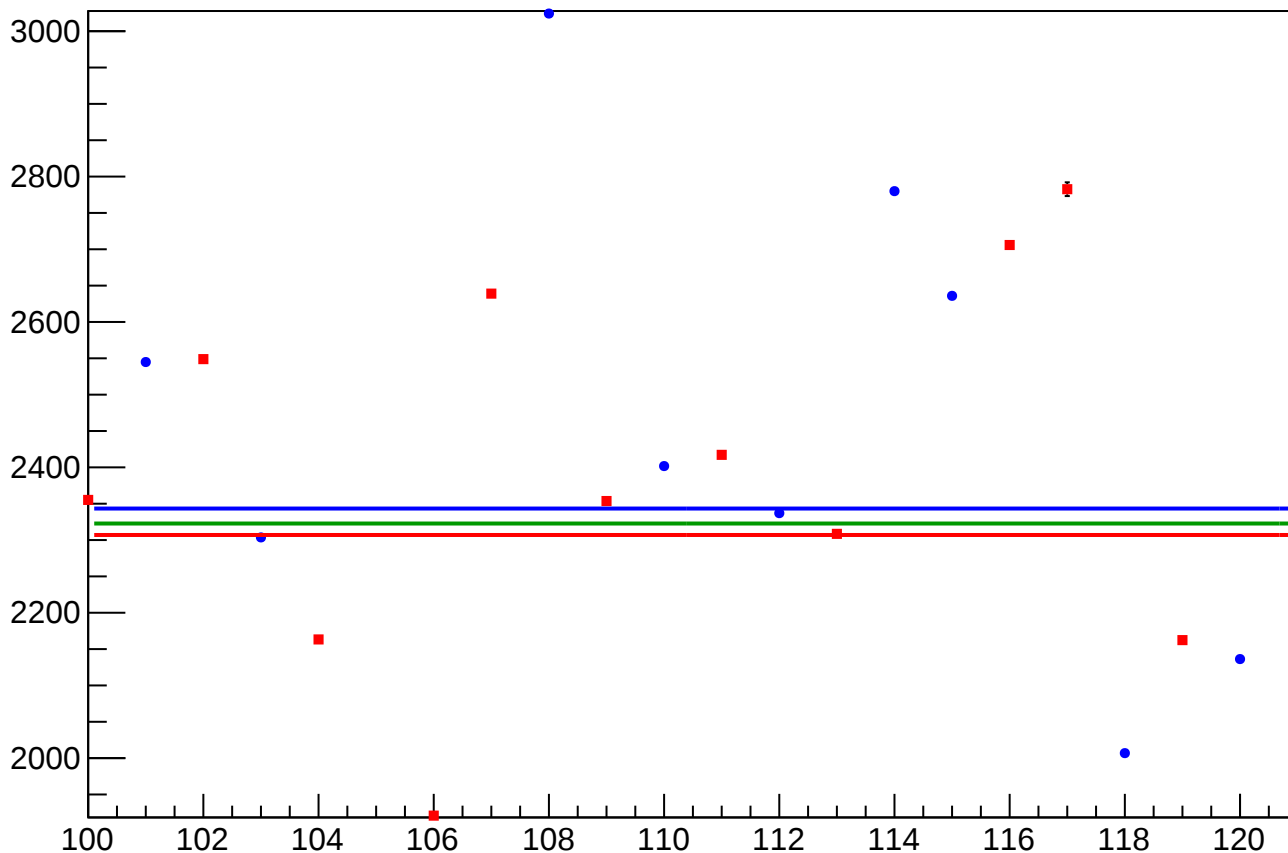
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.796 $\pm$ 1.271 χ^2 /NDF: 1433.6/8

51.569 $\pm$ 0.837 χ^2 /NDF: 5861.3/20

10.061 $\pm$ 1.112 χ^2 /NDF: 1216.5/11

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2343.344+/-0.899 χ^2/NDF : 90142.9/8

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

Right Out: 2306.972+/-0.787 χ^2/NDF : 70025.9/11

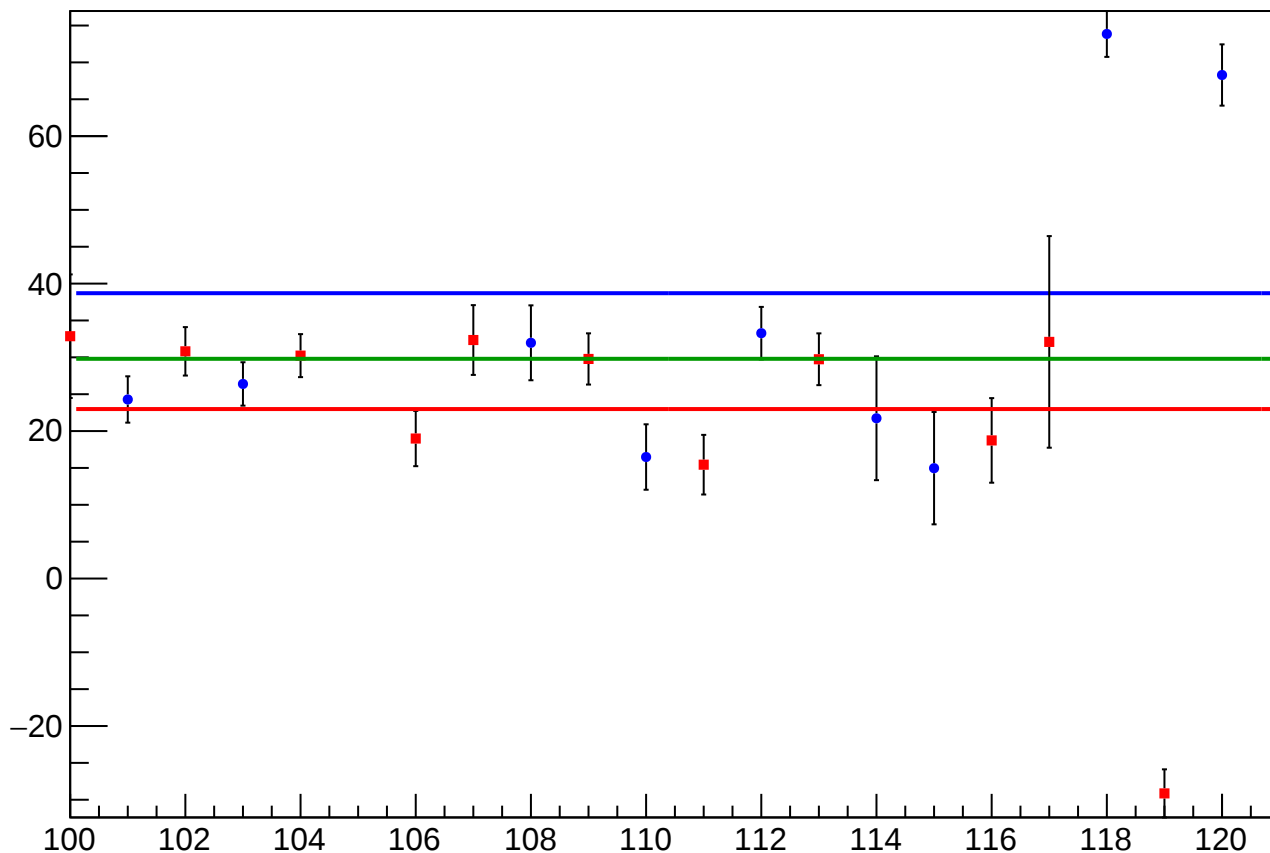
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2343.344+/-0.899 χ^2/NDF : 90142.9/8

2322.742+/-0.592 χ^2/NDF : 161095.8/20

2306.972+/-0.787 χ^2/NDF : 70025.9/11

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 38.698 $\pm$ 1.316 χ^2 /NDF: 259.9/8

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

Right Out: 22.986 $\pm$ 1.151 χ^2 /NDF: 388.3/11

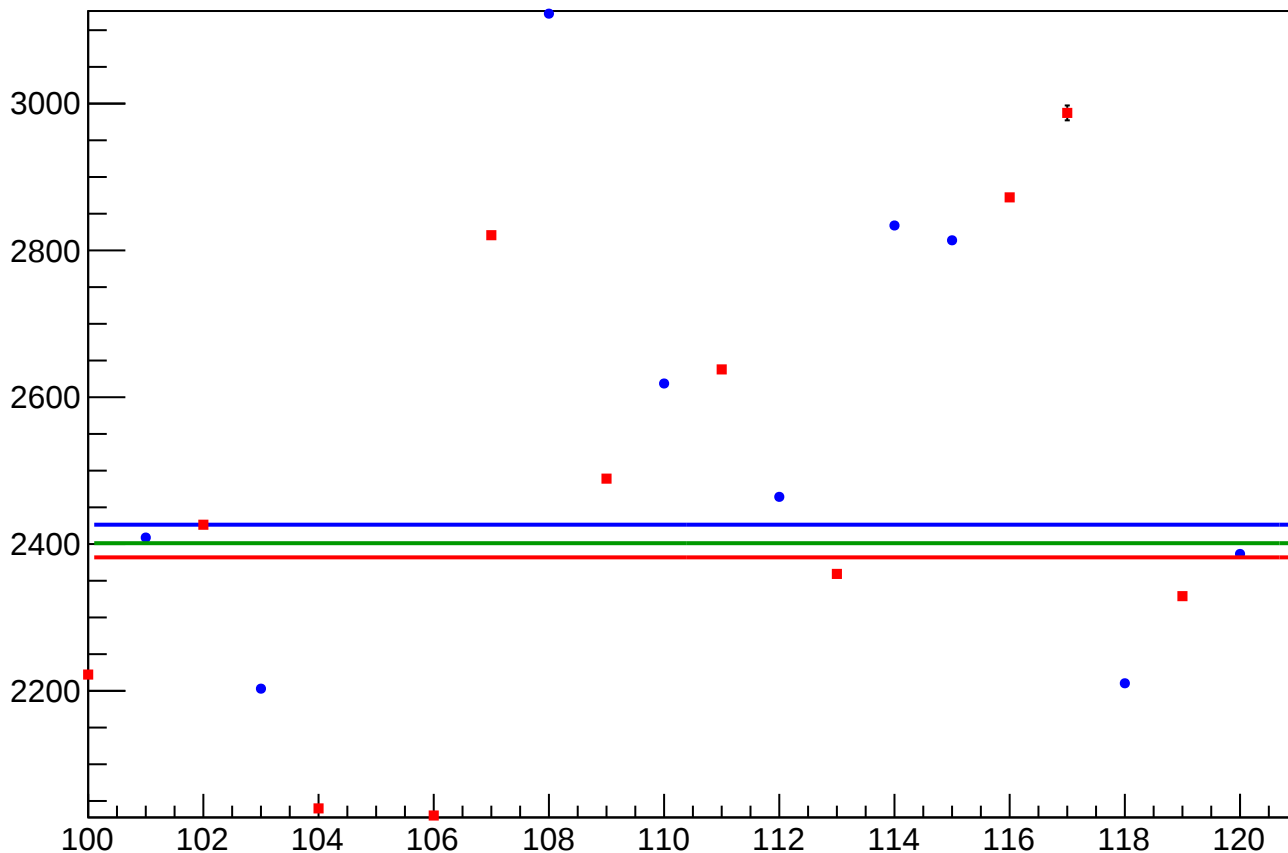
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

38.698 $\pm$ 1.316 χ^2 /NDF: 259.9/8

29.800 $\pm$ 0.866 χ^2 /NDF: 728.9/20

22.986 $\pm$ 1.151 χ^2 /NDF: 388.3/11

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2426.361+/-0.930 χ^2/NDF : 72857.4/8

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

Right Out: 2381.855+/-0.814 χ^2/NDF : 94325.0/11

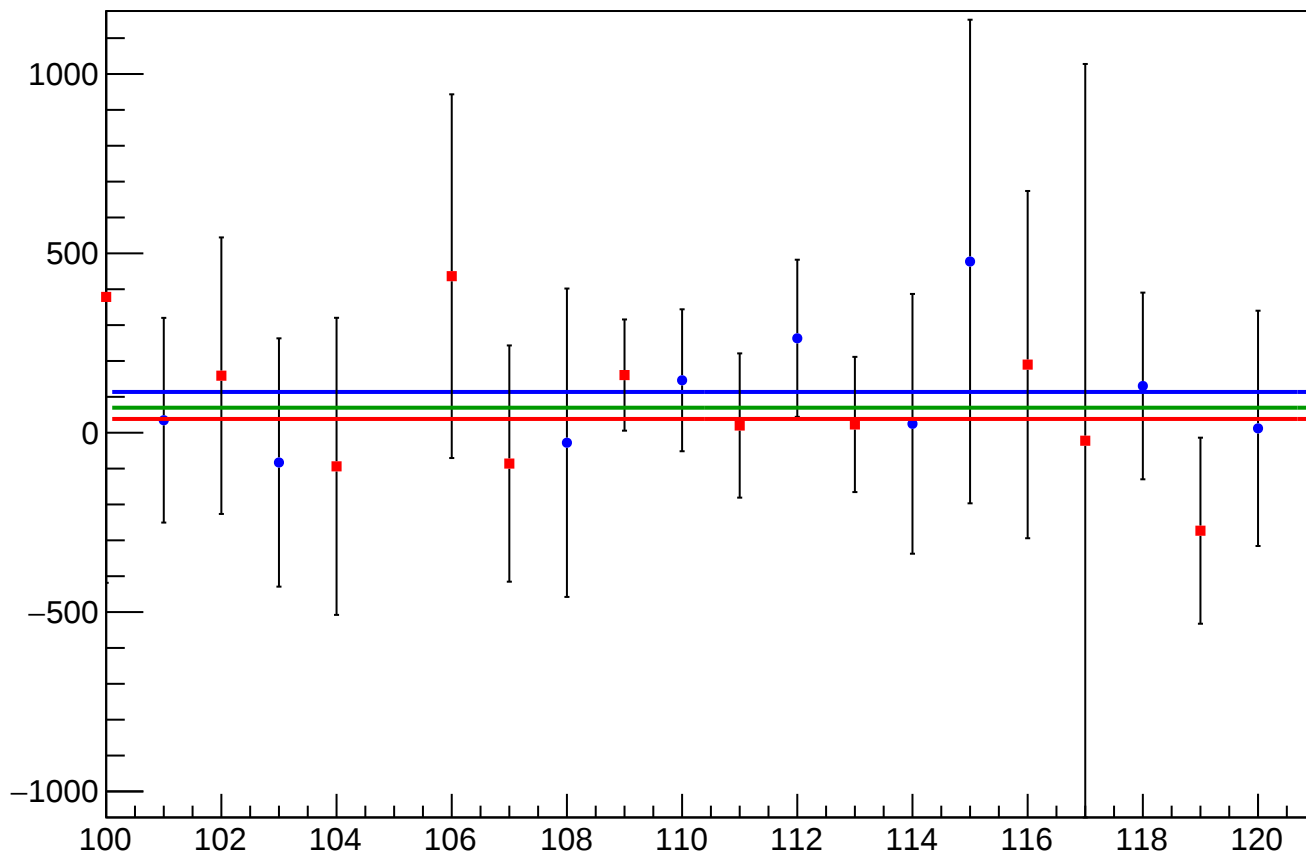
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2426.361+/-0.930 χ^2/NDF : 72857.4/8

2401.158+/-0.613 χ^2/NDF : 168478.6/20

2381.855+/-0.814 χ^2/NDF : 94325.0/11

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.646 $\pm$ 96.980 χ^2 /NDF: 1.5/8

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

Right Out: 38.359 $\pm$ 81.961 χ^2 /NDF: 3.5/11

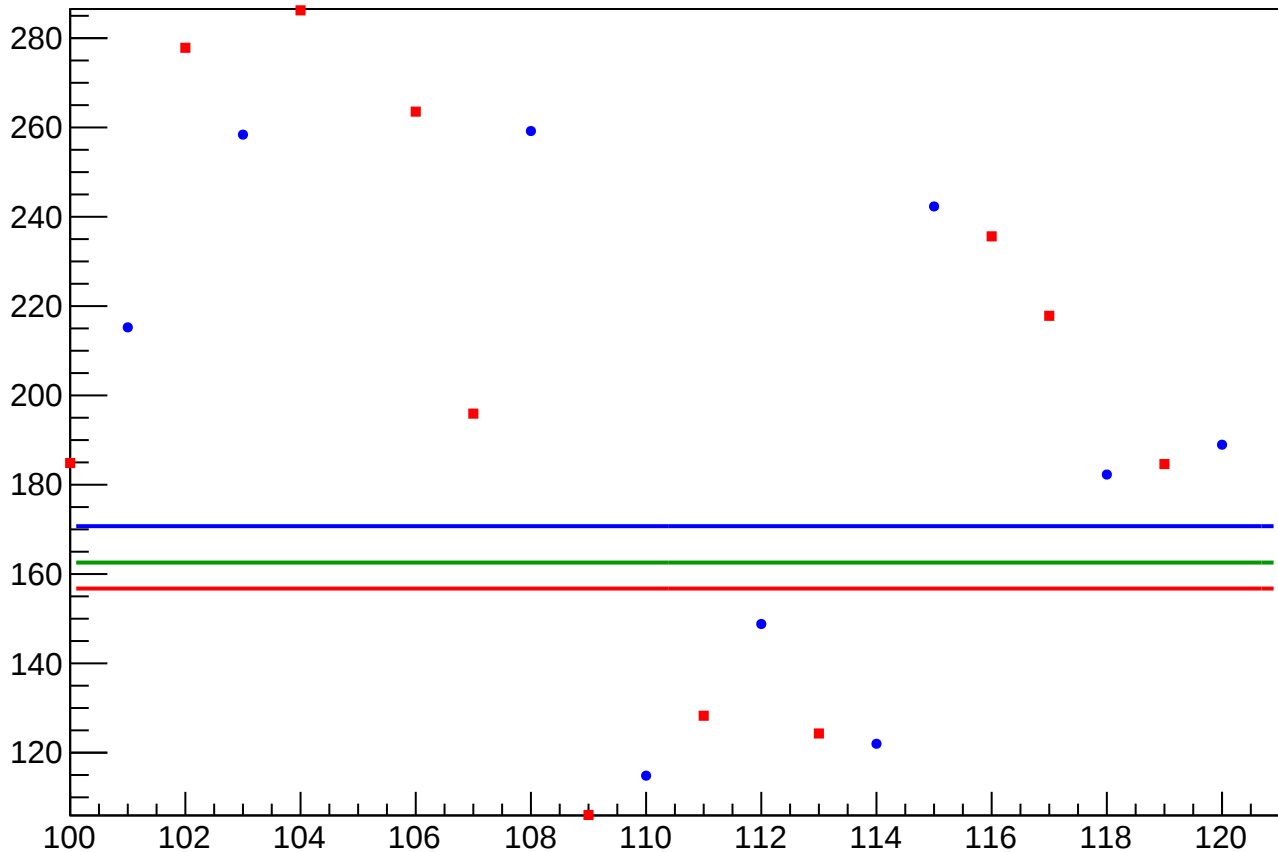
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.646 $\pm$ 96.980 χ^2 /NDF: 1.5/8

69.727 $\pm$ 62.599 χ^2 /NDF: 5.3/20

38.359 $\pm$ 81.961 χ^2 /NDF: 3.5/11

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.720 $\pm$ 0.069 χ^2 /NDF: 510125.0/8

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

Right Out: 156.752 $\pm$ 0.058 χ^2 /NDF: 988324.8/11

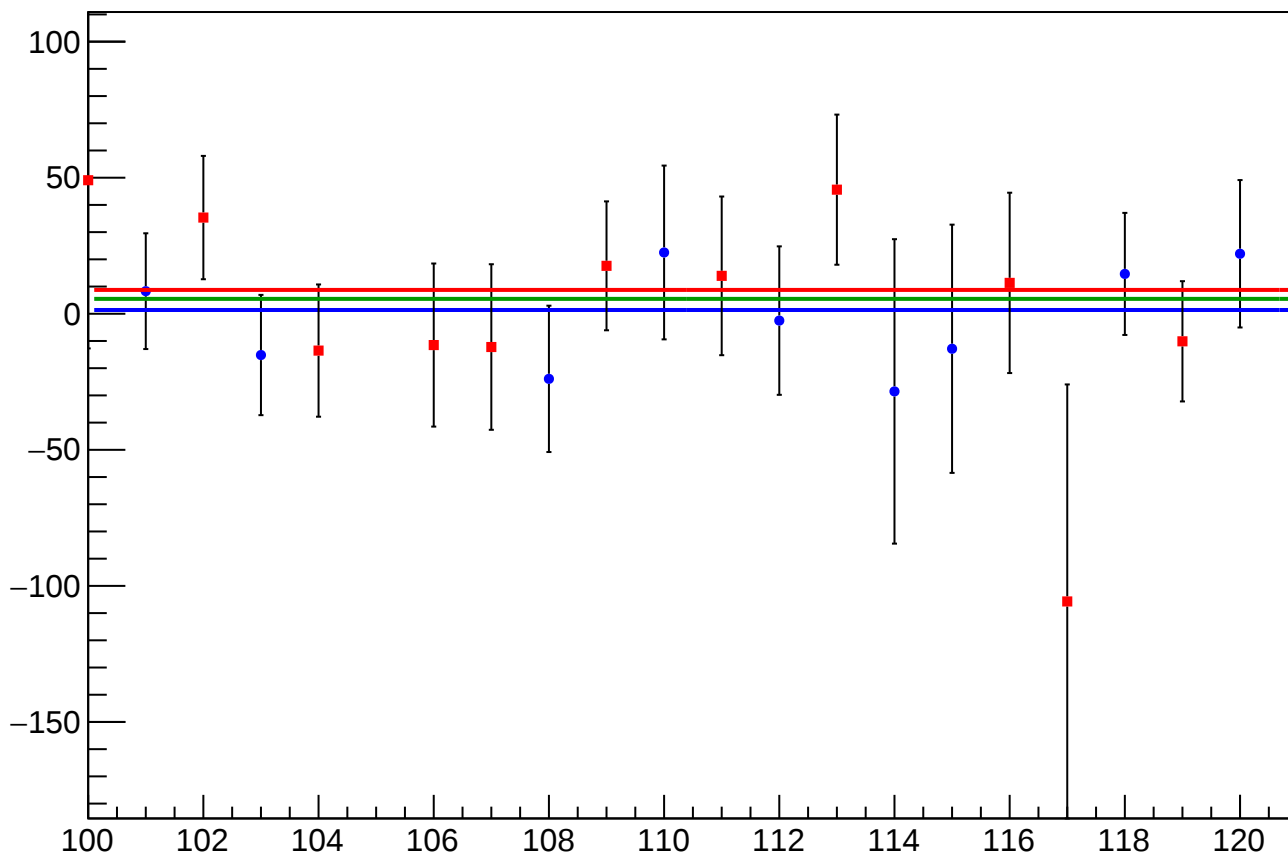
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.720 $\pm$ 0.069 χ^2 /NDF: 510125.0/8

162.572 $\pm$ 0.044 χ^2 /NDF: 1522650.1/20

156.752 $\pm$ 0.058 χ^2 /NDF: 988324.8/11

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.387+/-9.085 χ^2/NDF : 3.3/8

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

Right Out: 8.763+/-8.151 χ^2/NDF : 8.3/11

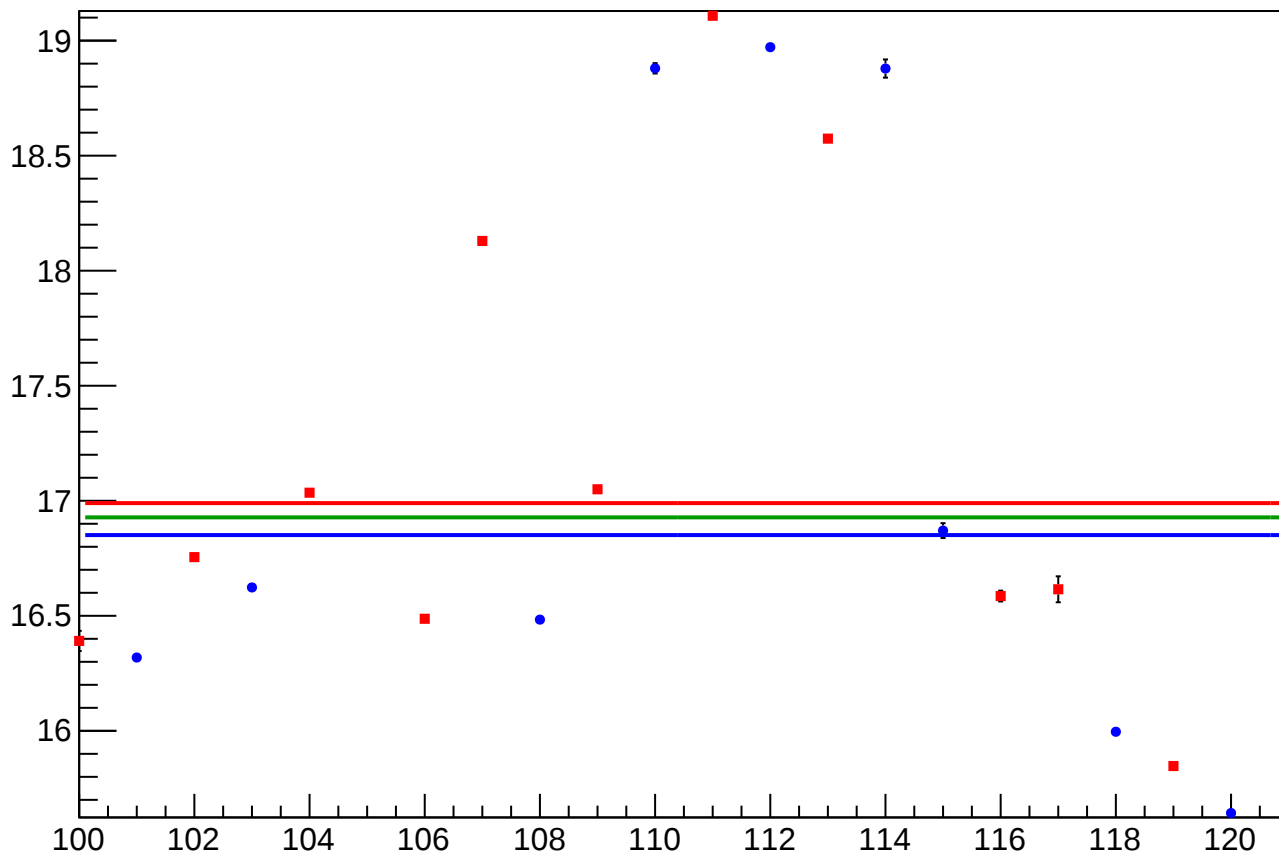
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.387+/-9.085 χ^2/NDF : 3.3/8

5.473+/-6.067 χ^2/NDF : 12.0/20

8.763+/-8.151 χ^2/NDF : 8.3/11

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.851+/-0.006 χ^2/NDF : 31510.8/8

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

Right Out: 16.990+/-0.006 χ^2/NDF : 31996.7/11

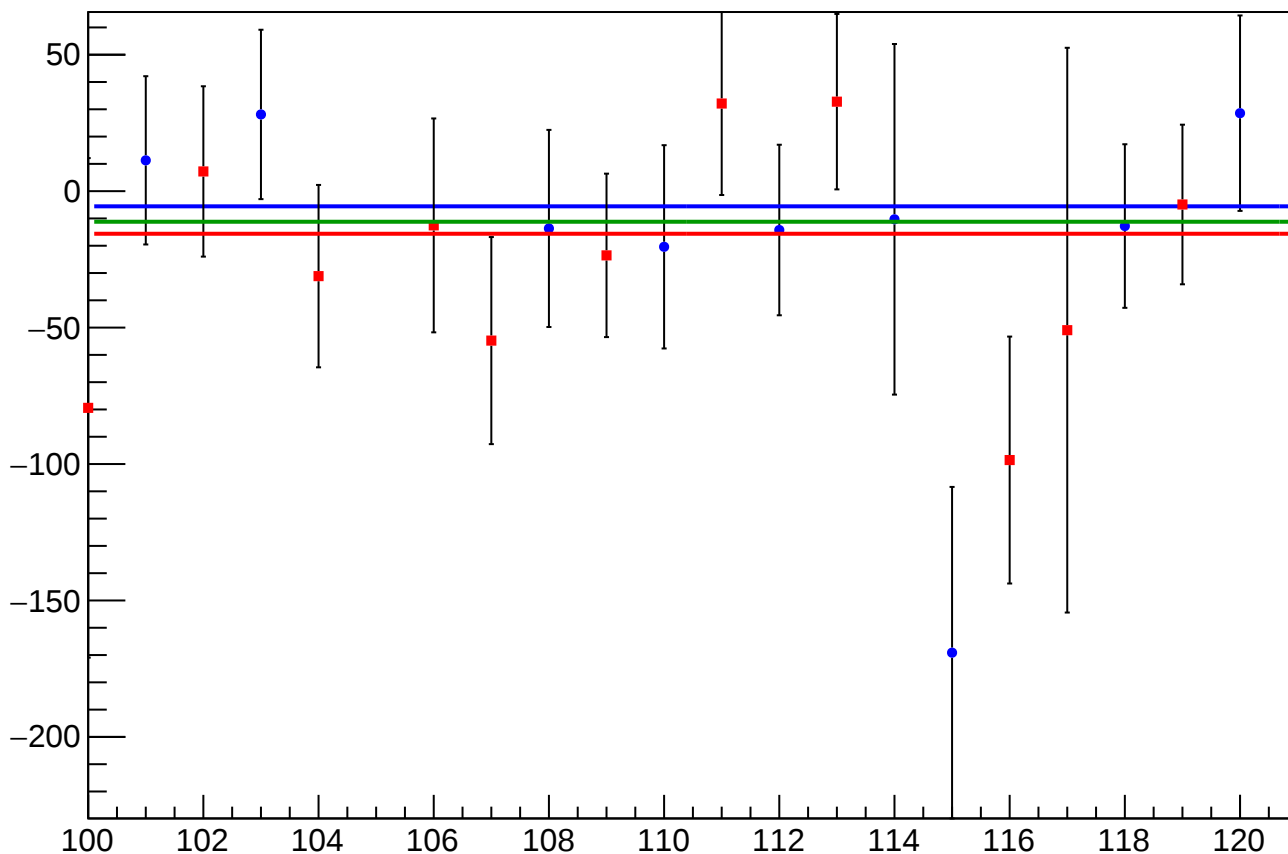
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.851+/-0.006 χ^2/NDF : 31510.8/8

16.928+/-0.004 χ^2/NDF : 63766.7/20

16.990+/-0.006 χ^2/NDF : 31996.7/11

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.560 ± 11.946 $\chi^2/\text{NDF}: 10.0/8$

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

Right Out: -15.611 ± 10.546 $\chi^2/\text{NDF}: 11.0/11$

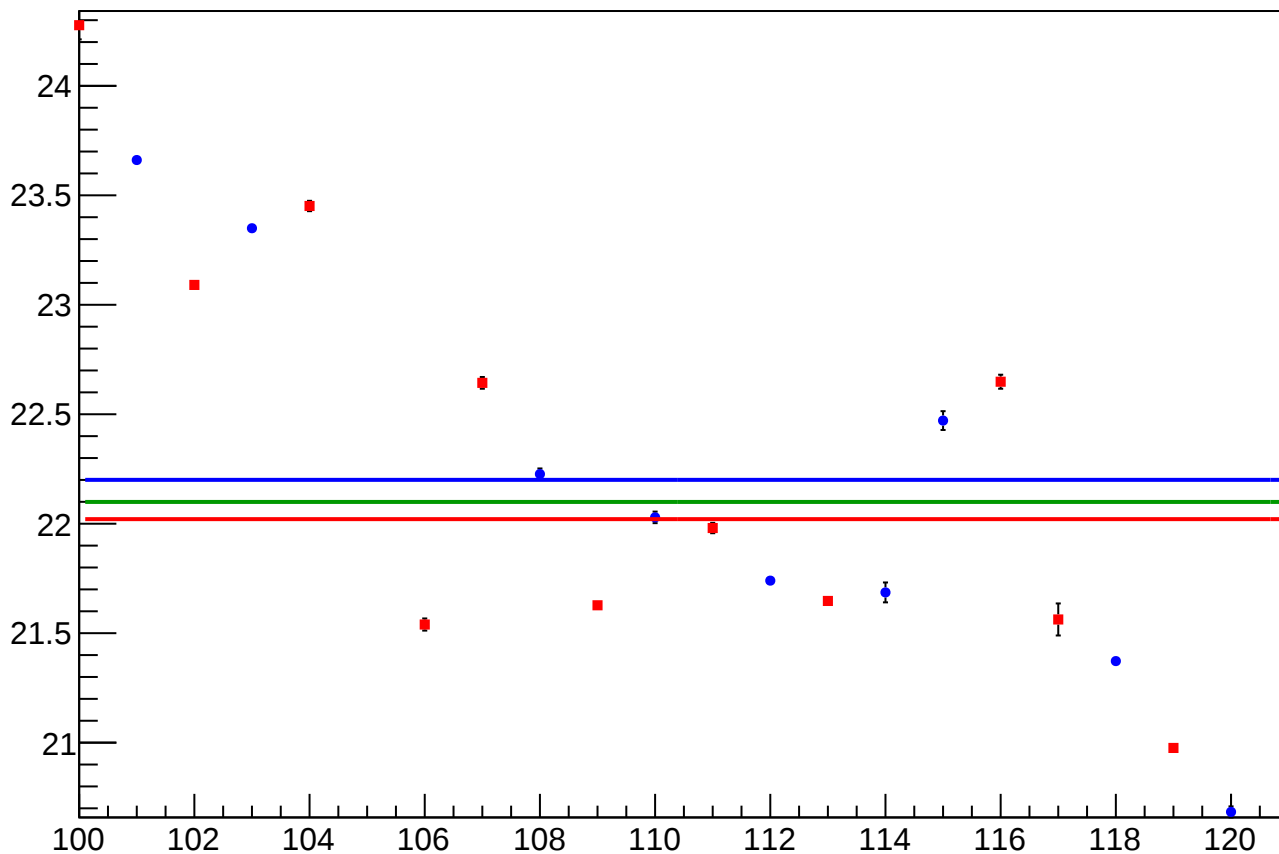
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-5.560 ± 11.946 $\chi^2/\text{NDF}: 10.0/8$

-11.208 ± 7.906 $\chi^2/\text{NDF}: 21.4/20$

-15.611 ± 10.546 $\chi^2/\text{NDF}: 11.0/11$

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.200 ± 0.008 χ^2/NDF : 12991.3/8

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

Right Out: 22.021 ± 0.007 χ^2/NDF : 13812.2/11

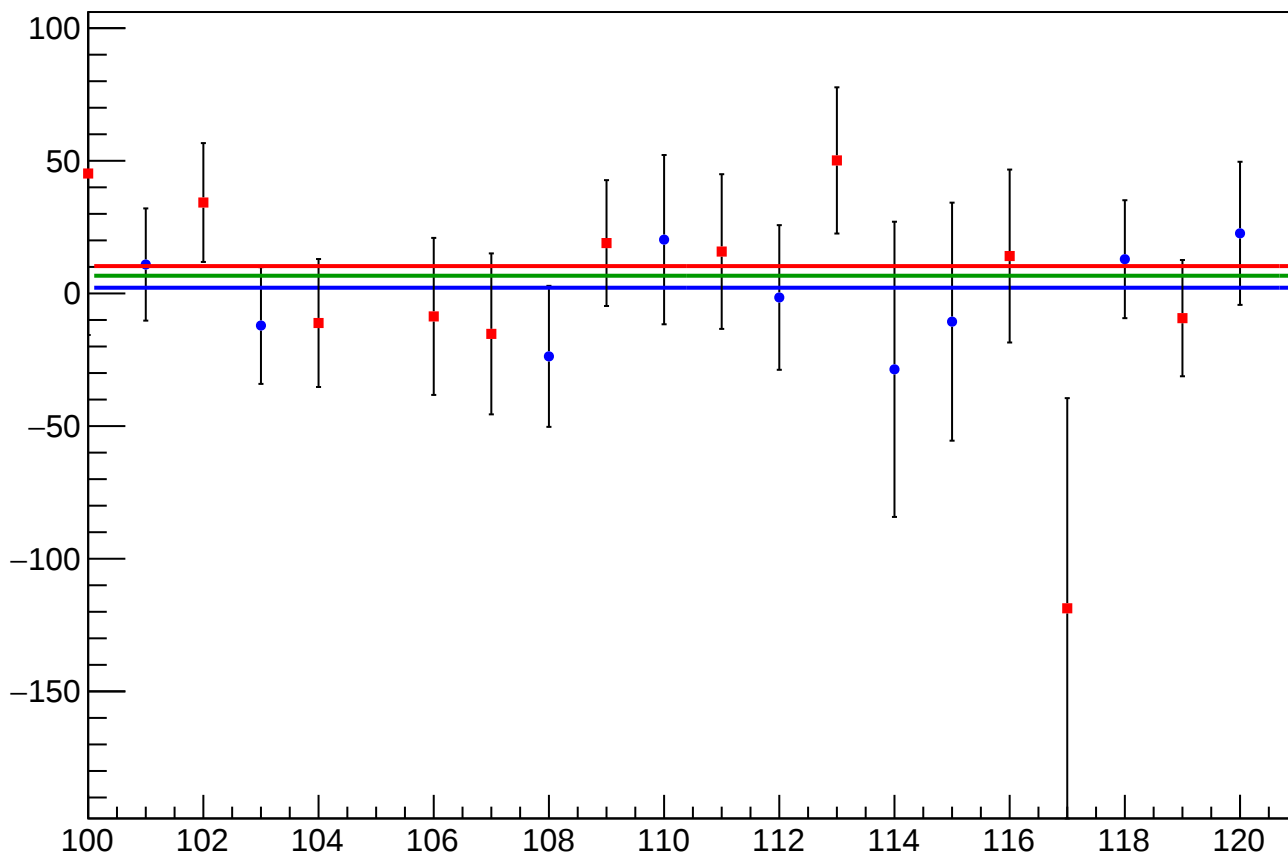
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

22.200 ± 0.008 χ^2/NDF : 12991.3/8

22.100 ± 0.006 χ^2/NDF : 27057.3/20

22.021 ± 0.007 χ^2/NDF : 13812.2/11

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.158+/-9.030 χ^2/NDF : 3.1/8

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

Right Out: 10.312+/-8.099 χ^2/NDF : 9.2/11

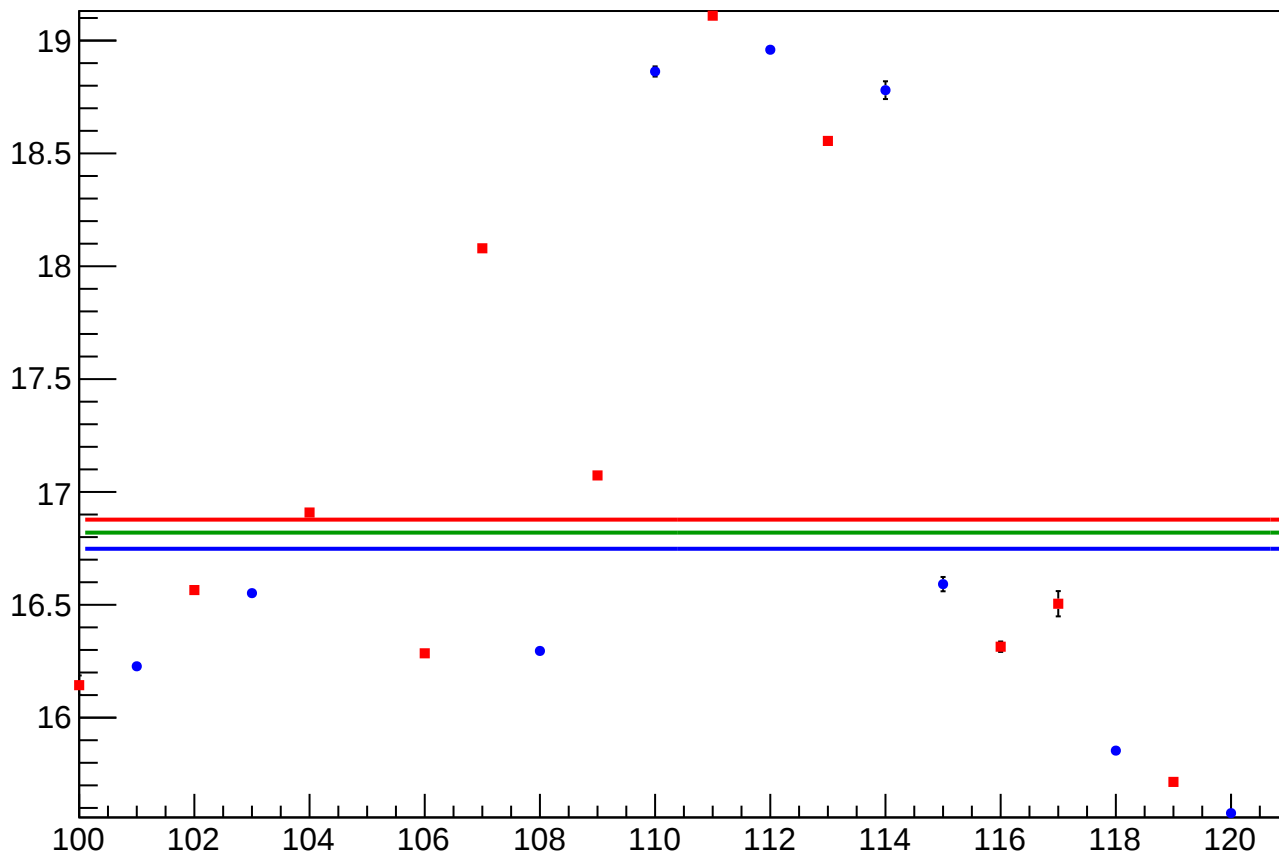
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.158+/-9.030 χ^2/NDF : 3.1/8

6.677+/-6.029 χ^2/NDF : 12.7/20

10.312+/-8.099 χ^2/NDF : 9.2/11

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.748+/-0.006 χ^2/NDF : 33595.1/8

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

Right Out: 16.877+/-0.006 χ^2/NDF : 35419.3/11

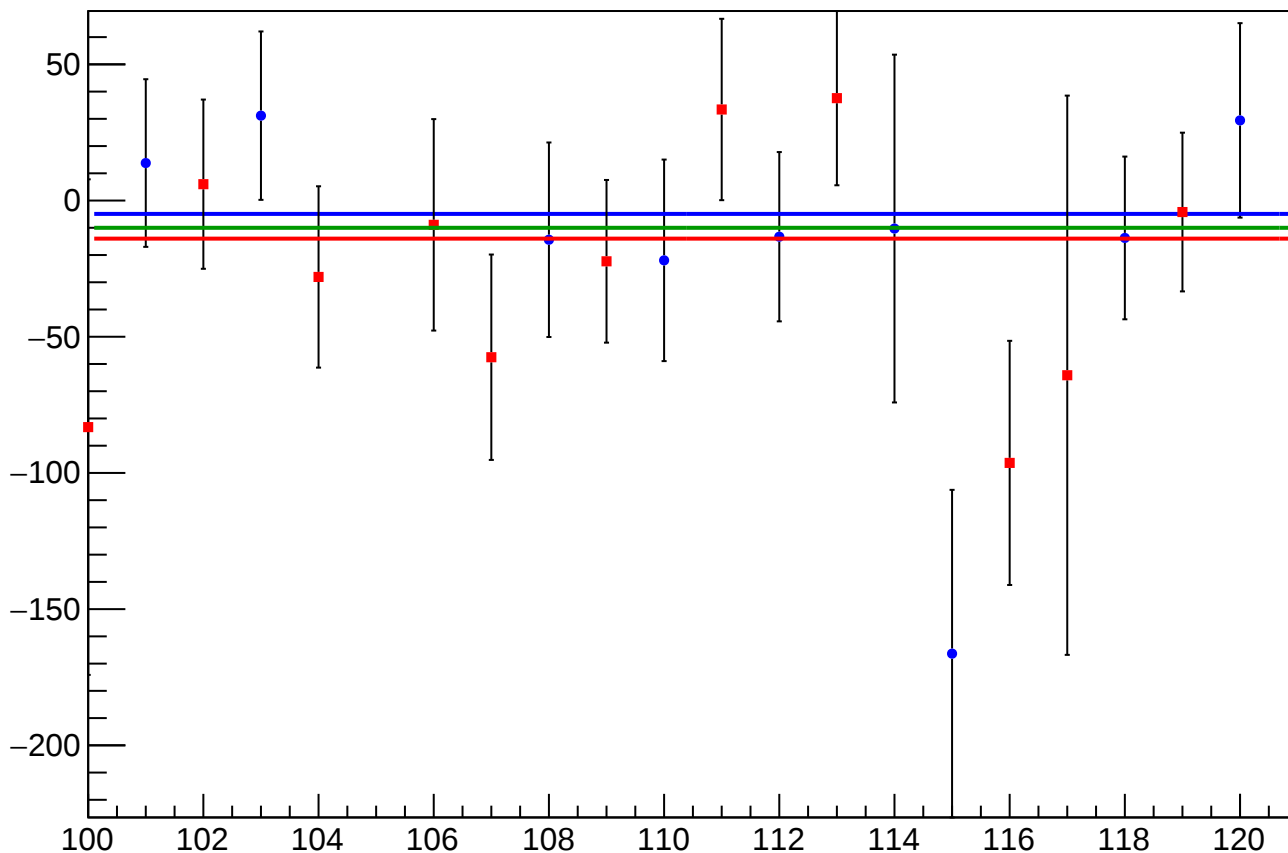
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.748+/-0.006 χ^2/NDF : 33595.1/8

16.820+/-0.004 χ^2/NDF : 69241.1/20

16.877+/-0.006 χ^2/NDF : 35419.3/11

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.904 $\pm$ 11.884 χ^2/NDF : 10.3/8

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

Right Out: -13.980 $\pm$ 10.491 χ^2/NDF : 11.5/11

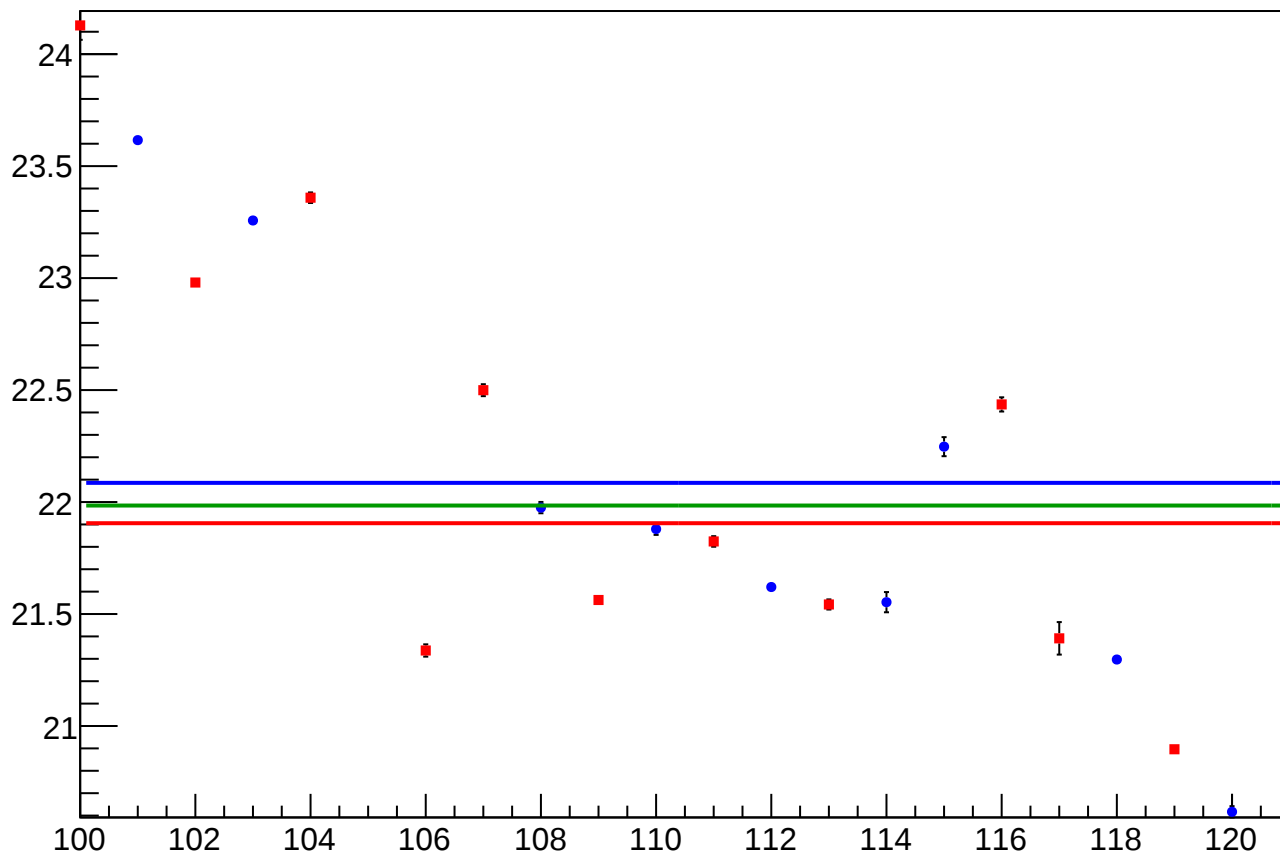
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-4.904 $\pm$ 11.884 χ^2/NDF : 10.3/8

-10.005 $\pm$ 7.865 χ^2/NDF : 22.1/20

-13.980 $\pm$ 10.491 χ^2/NDF : 11.5/11

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.086 ± 0.008 $\chi^2/\text{NDF}: 13283.1/8$

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

Right Out: 21.906 ± 0.007 $\chi^2/\text{NDF}: 13616.1/11$

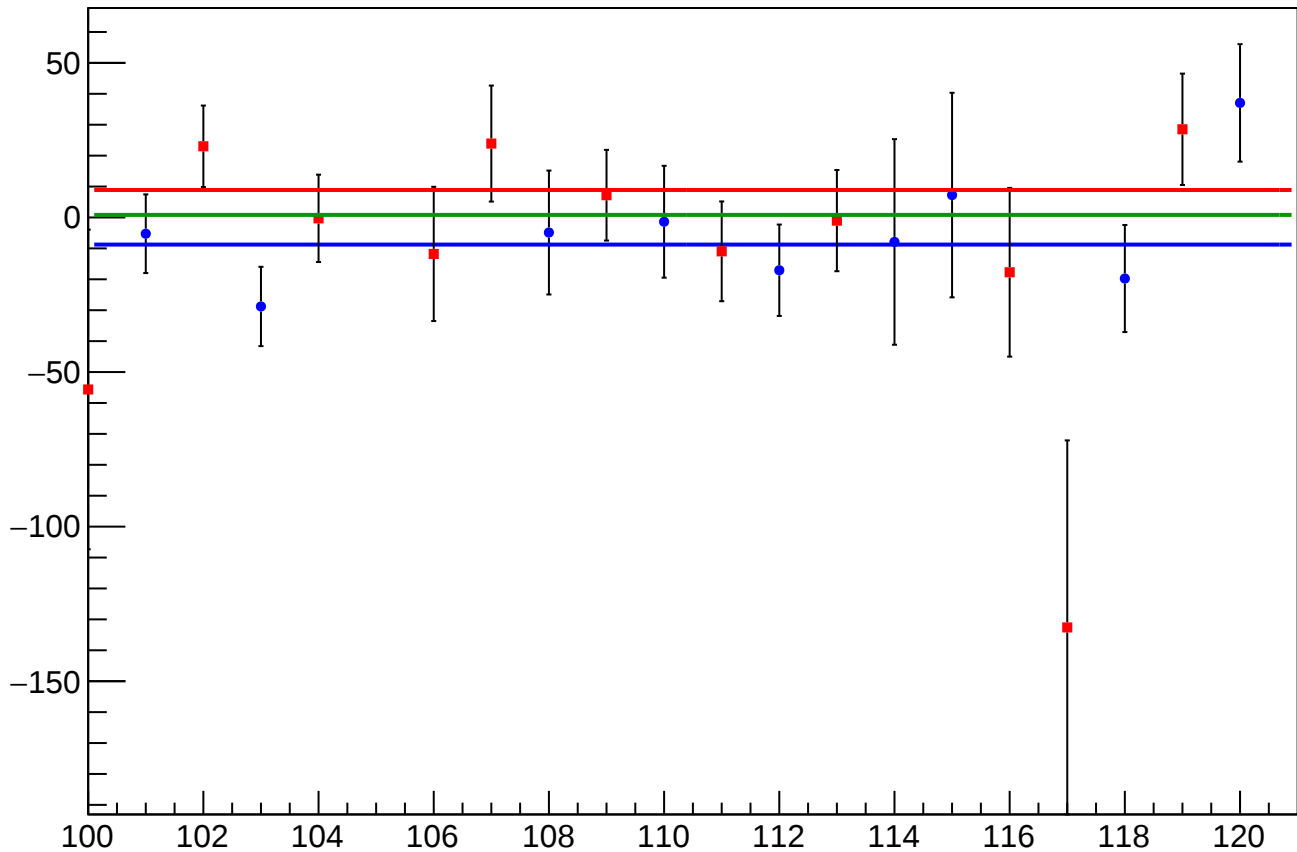
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

22.086 ± 0.008 $\chi^2/\text{NDF}: 13283.1/8$

21.984 ± 0.006 $\chi^2/\text{NDF}: 27157.6/20$

21.906 ± 0.007 $\chi^2/\text{NDF}: 13616.1/11$

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.770+/-5.744 χ^2/NDF : 9.5/8

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

Right Out: 8.893+/-5.263 χ^2/NDF : 19.3/11

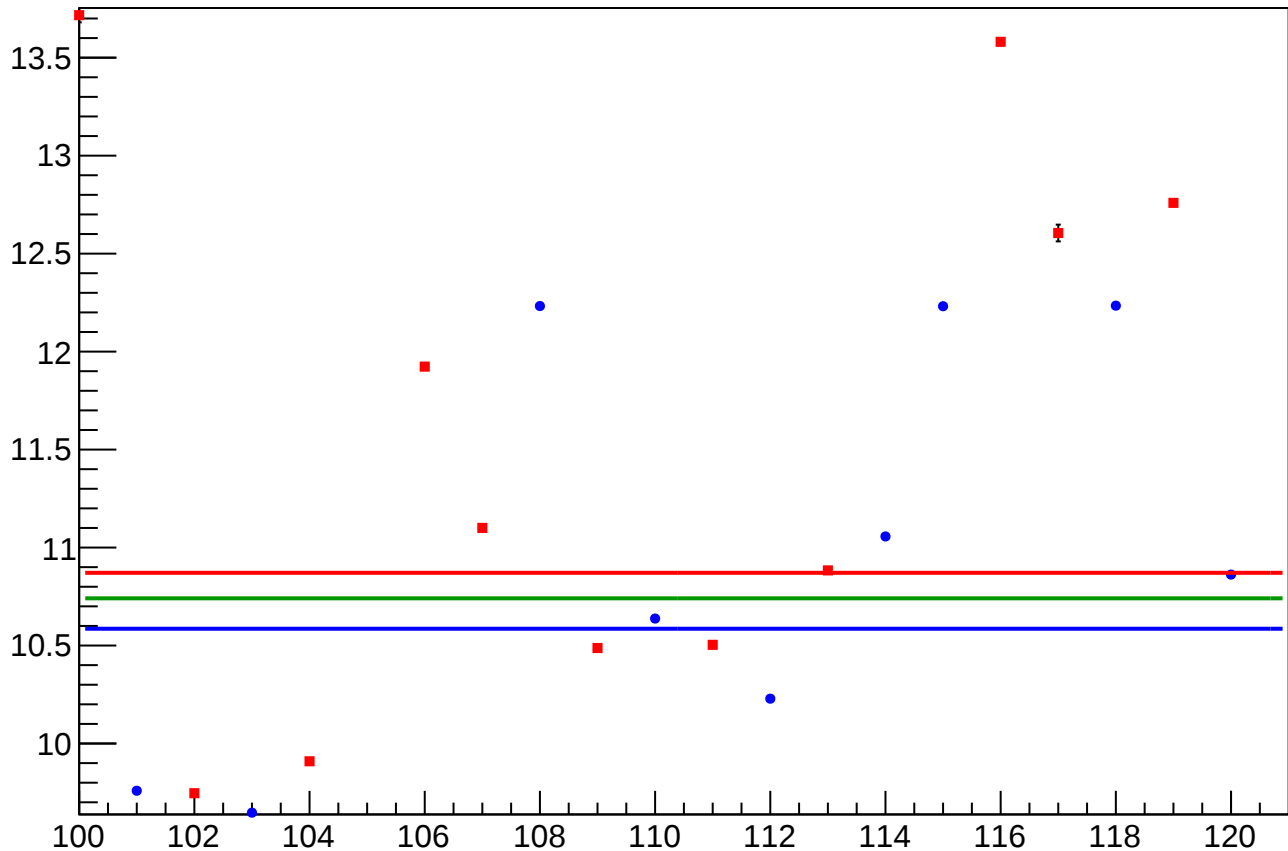
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.770+/-5.744 χ^2/NDF : 9.5/8

0.831+/-3.881 χ^2/NDF : 33.9/20

8.893+/-5.263 χ^2/NDF : 19.3/11

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.586 $\pm$ 0.004 χ^2 /NDF: 57751.1/8

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

Right Out: 10.871 $\pm$ 0.004 χ^2 /NDF: 80873.5/11

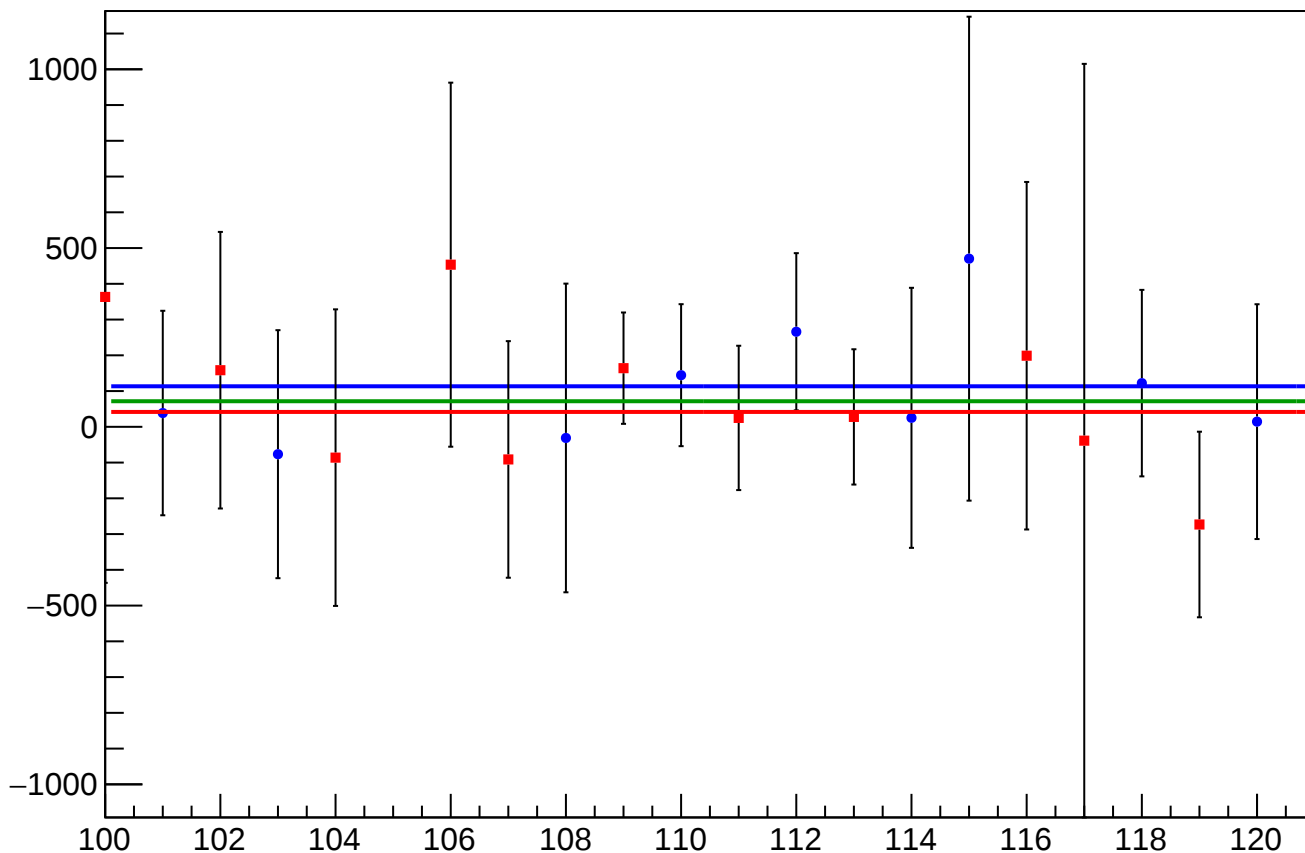
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.586 $\pm$ 0.004 χ^2 /NDF: 57751.1/8

10.741 $\pm$ 0.003 χ^2 /NDF: 141307.6/20

10.871 $\pm$ 0.004 χ^2 /NDF: 80873.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.376+/-97.277 χ^2/NDF : 1.4/8

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

Right Out: 41.643+/-82.254 χ^2/NDF : 3.5/11

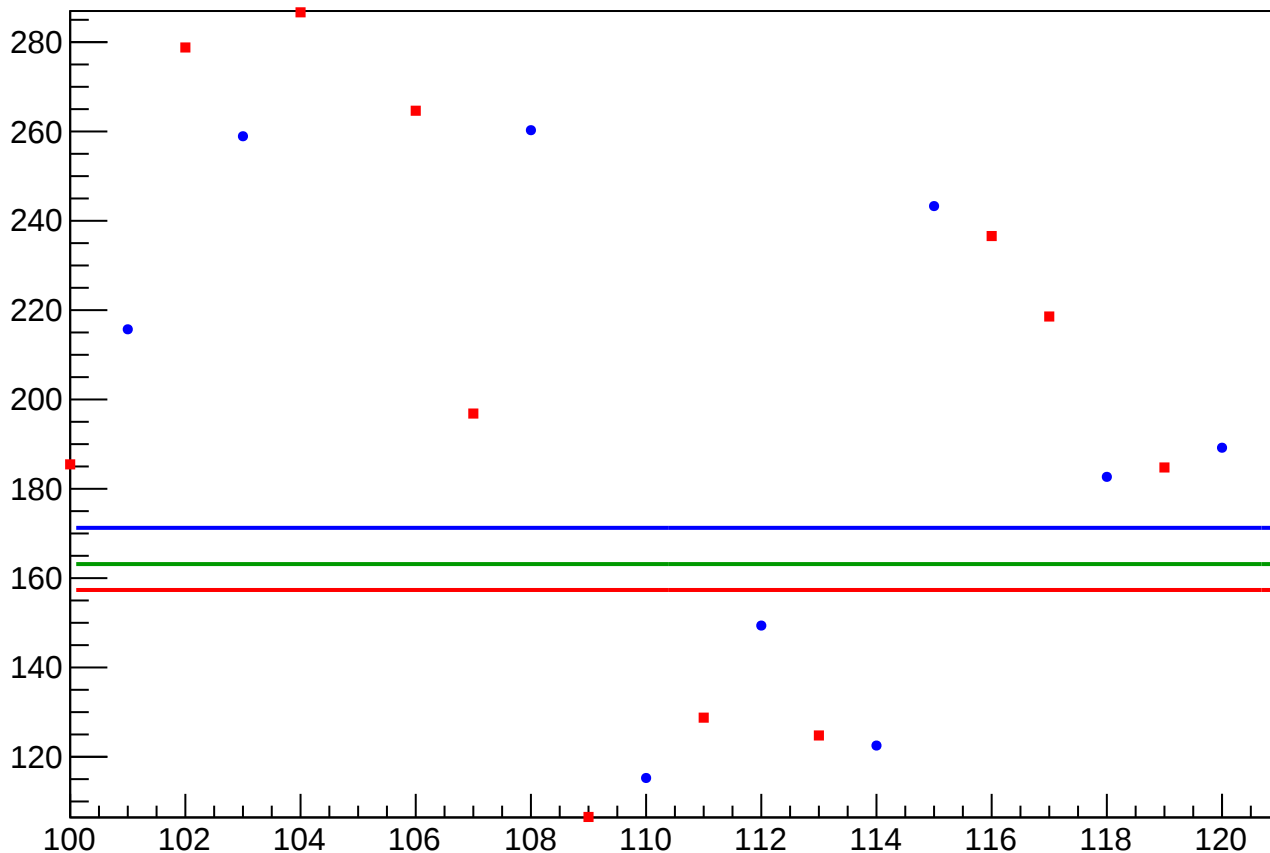
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.376+/-97.277 χ^2/NDF : 1.4/8

71.549+/-62.810 χ^2/NDF : 5.3/20

41.643+/-82.254 χ^2/NDF : 3.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.260 $\pm$ 0.069 χ^2 /NDF: 508430.0/8

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

Right Out: 157.349 $\pm$ 0.058 χ^2 /NDF: 984857.9/11

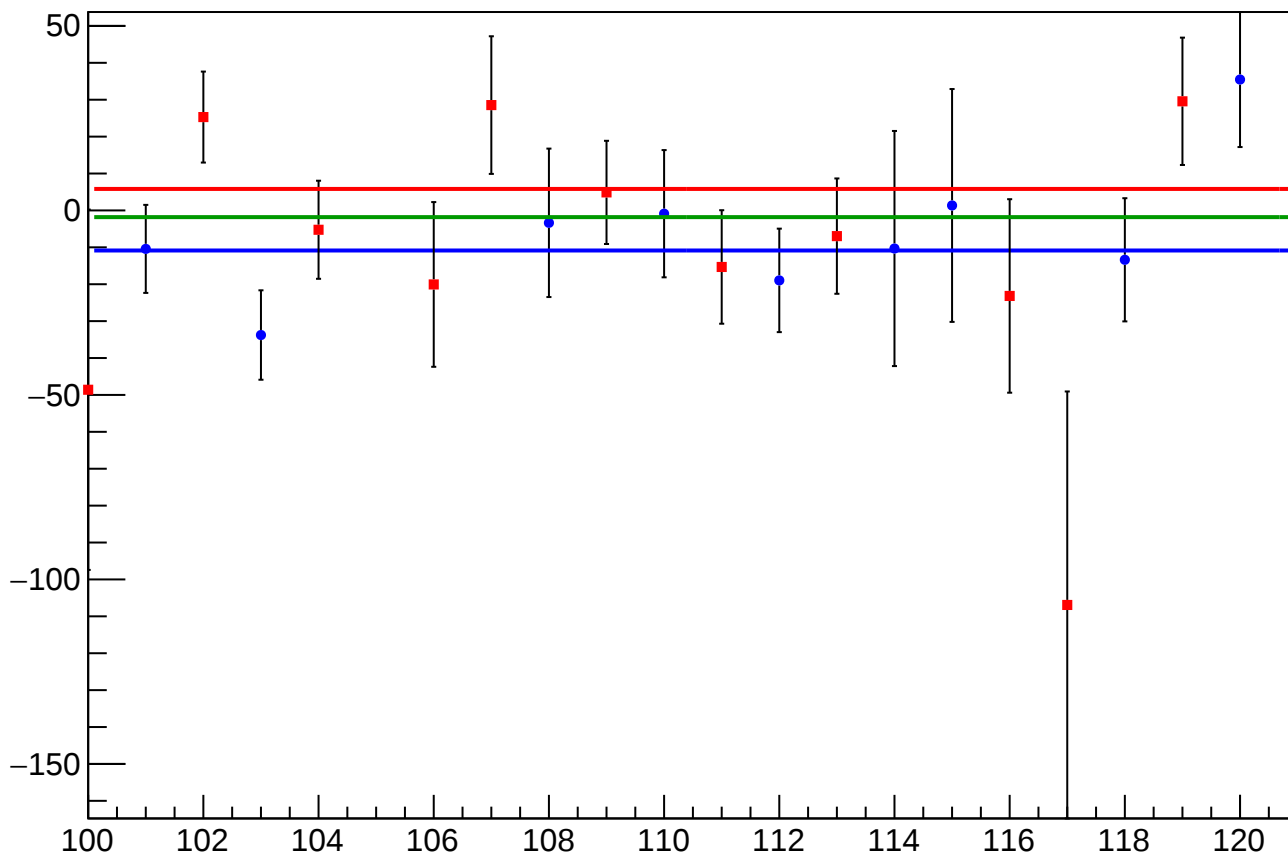
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

171.260 $\pm$ 0.069 χ^2 /NDF: 508430.0/8

163.149 $\pm$ 0.044 χ^2 /NDF: 1517136.4/20

157.349 $\pm$ 0.058 χ^2 /NDF: 984857.9/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.859±/-5.478 χ^2/NDF : 11.0/8

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

Right Out: 5.823±/-5.035 χ^2/NDF : 19.0/11

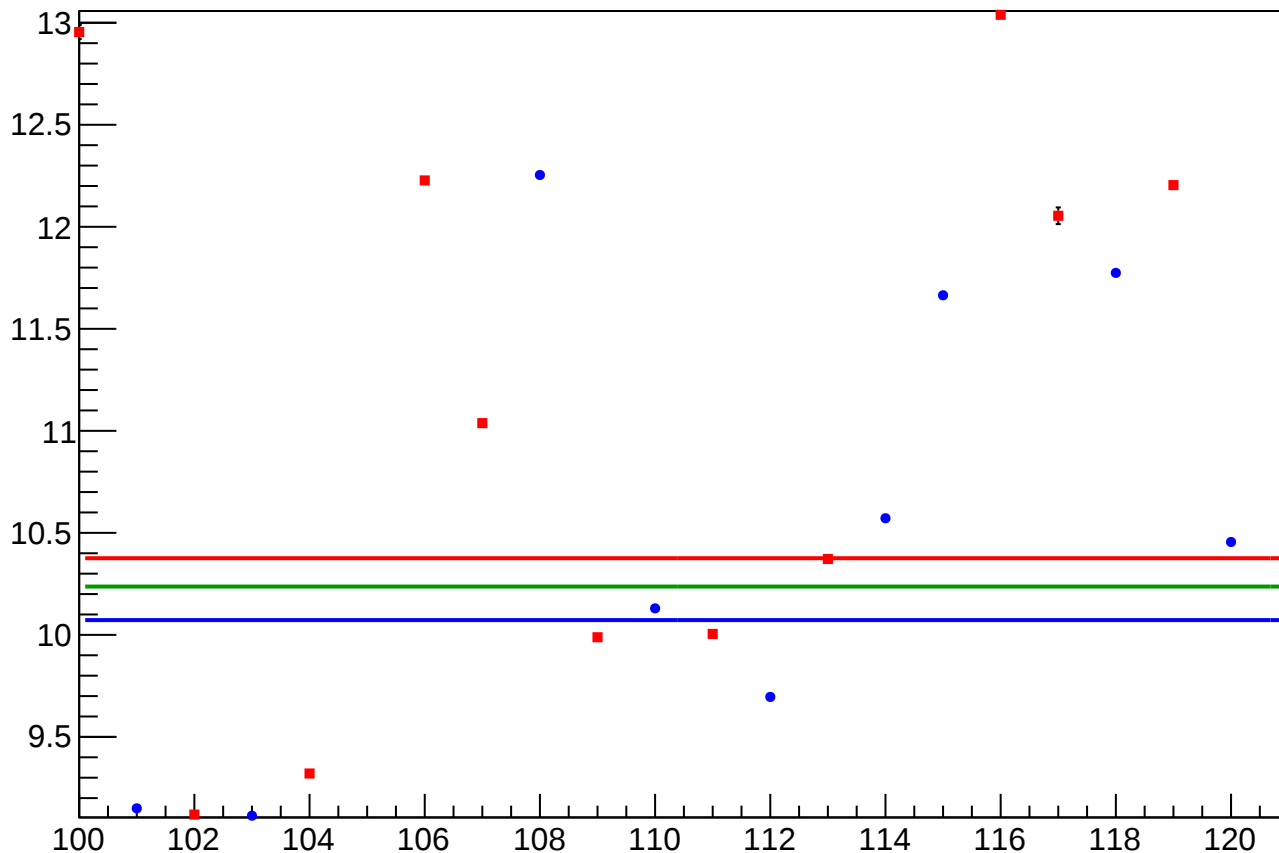
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-10.859±/-5.478 χ^2/NDF : 11.0/8

-1.817±/-3.707 χ^2/NDF : 35.0/20

5.823±/-5.035 χ^2/NDF : 19.0/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.072 $\pm$ 0.004 χ^2 /NDF: 76729.0/8

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

Right Out: 10.376 $\pm$ 0.004 χ^2 /NDF: 102933.6/11

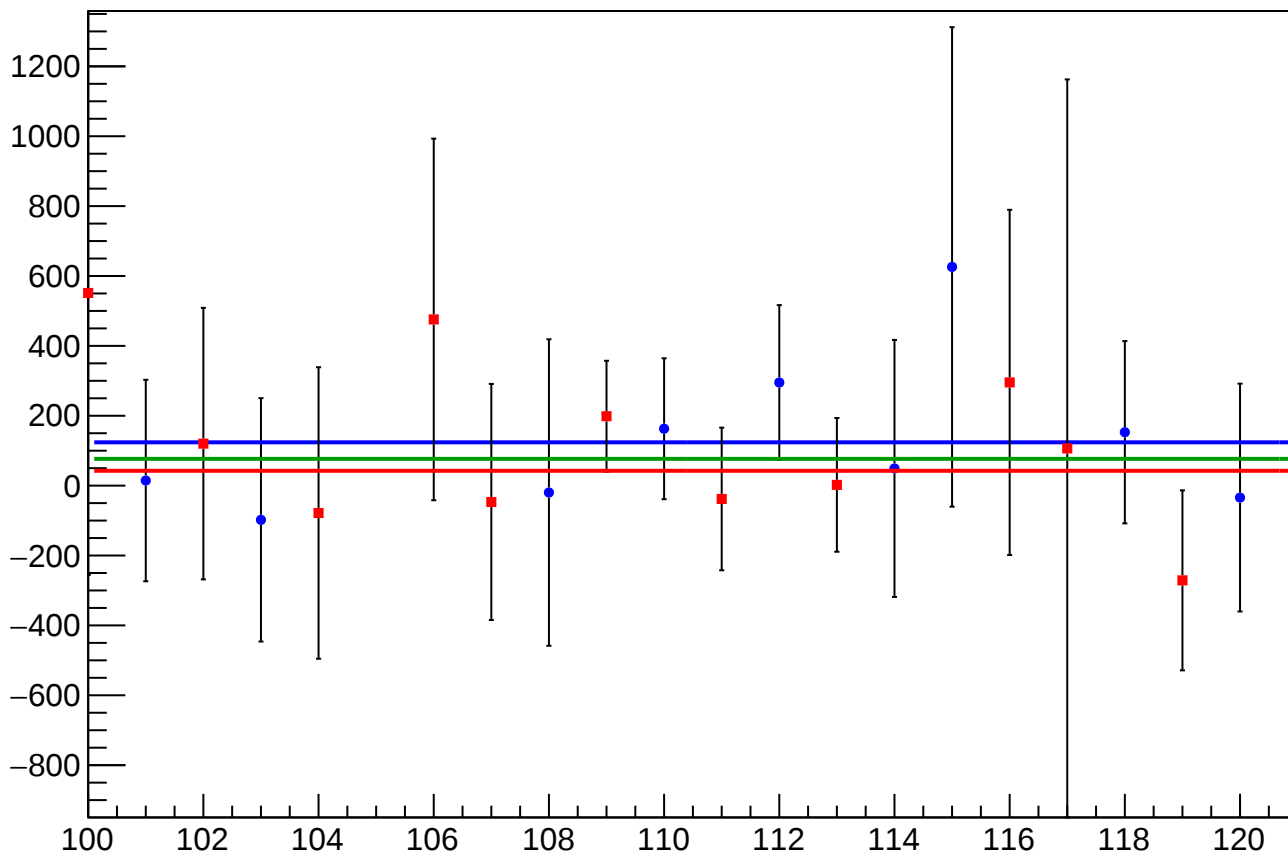
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.072 $\pm$ 0.004 χ^2 /NDF: 76729.0/8

10.237 $\pm$ 0.003 χ^2 /NDF: 182985.3/20

10.376 $\pm$ 0.004 χ^2 /NDF: 102933.6/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 123.976+/-98.036 χ^2/NDF : 2.1/8

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

Right Out: 42.502+/-83.171 χ^2/NDF : 4.3/11

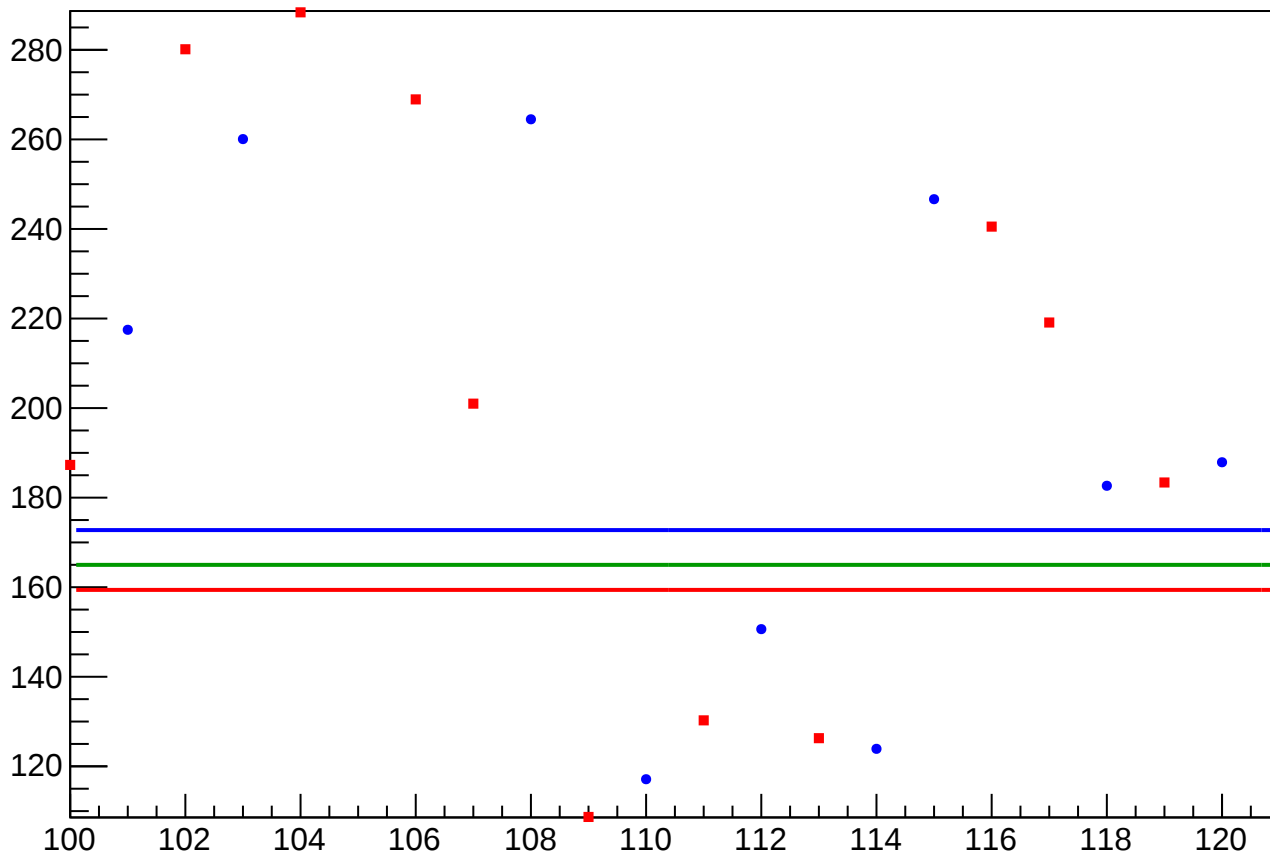
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.976+/-98.036 χ^2/NDF : 2.1/8

76.600+/-63.422 χ^2/NDF : 6.9/20

42.502+/-83.171 χ^2/NDF : 4.3/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.756+/-0.069 χ^2/NDF : 499143.7/8

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

Right Out: 159.399+/-0.059 χ^2/NDF : 964047.8/11

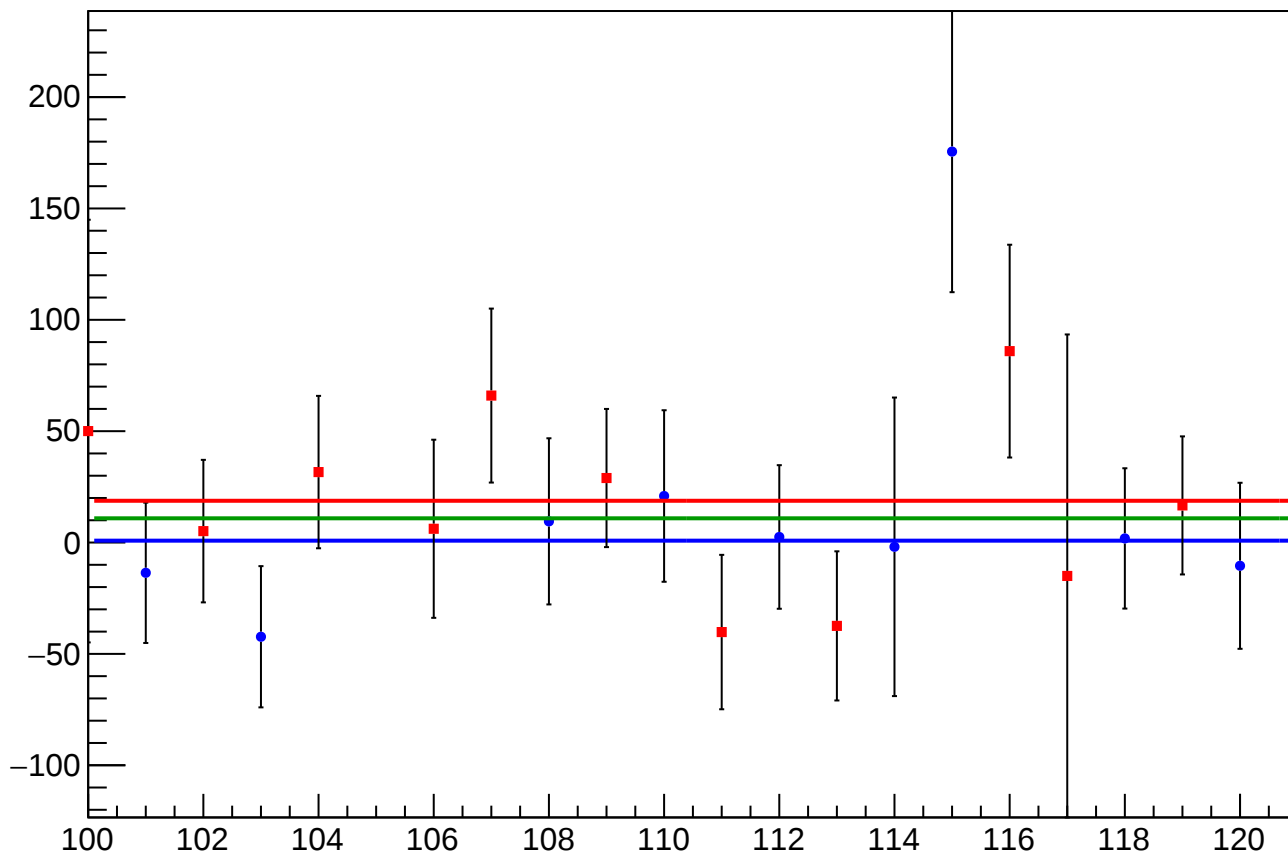
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.756+/-0.069 χ^2/NDF : 499143.7/8

164.989+/-0.045 χ^2/NDF : 1484782.3/20

159.399+/-0.059 χ^2/NDF : 964047.8/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.840+/-12.348 χ^2 /NDF: 10.1/8

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

Right Out: 18.749+/-10.938 χ^2 /NDF: 11.9/11

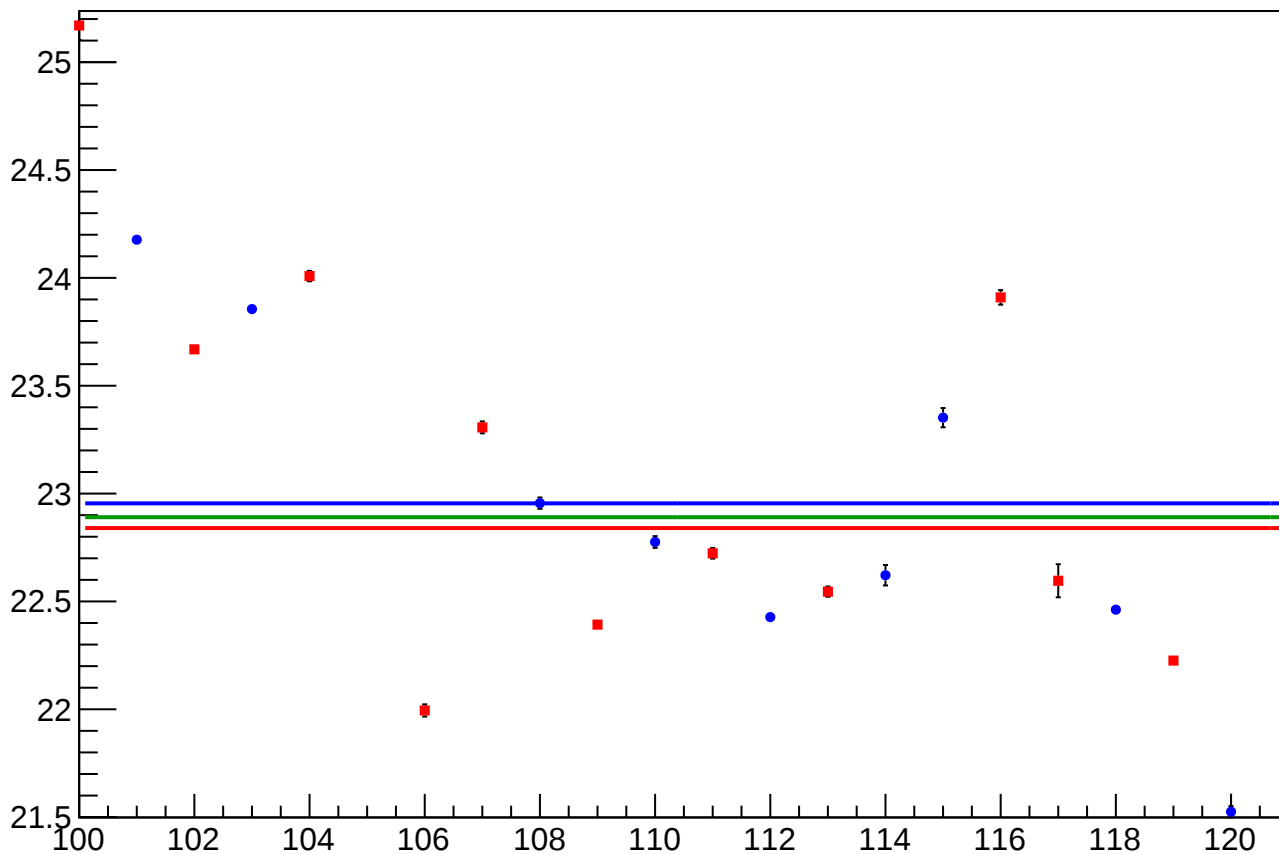
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.840+/-12.348 χ^2 /NDF: 10.1/8

10.876+/-8.188 χ^2 /NDF: 23.2/20

18.749+/-10.938 χ^2 /NDF: 11.9/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.955+/-0.009 χ^2/NDF : 8763.0/8

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

Right Out: 22.840+/-0.008 χ^2/NDF : 10137.9/11

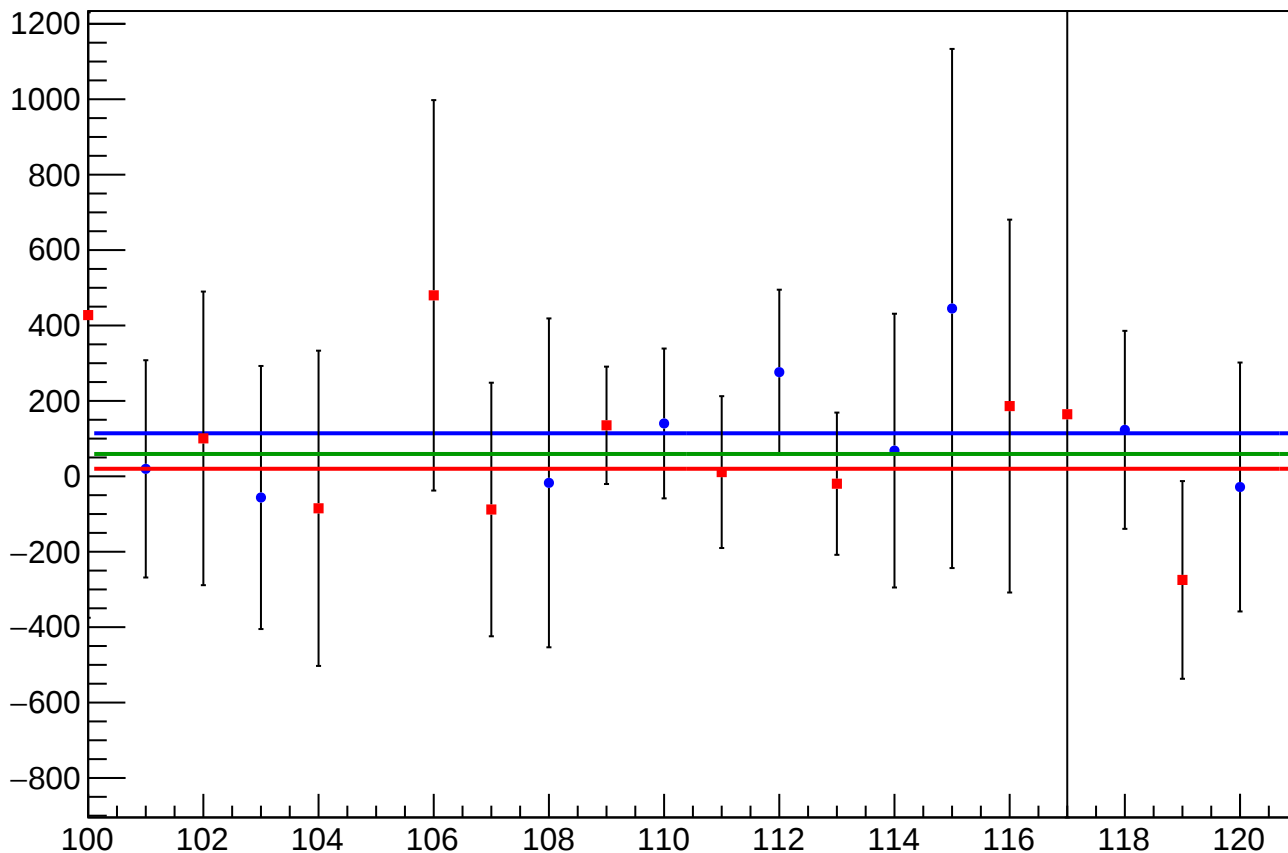
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.955+/-0.009 χ^2/NDF : 8763.0/8

22.891+/-0.006 χ^2/NDF : 18997.3/20

22.840+/-0.008 χ^2/NDF : 10137.9/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 114.154+/-97.513 χ^2/NDF : 1.4/8

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

Right Out: 20.044+/-82.463 χ^2/NDF : 3.5/11

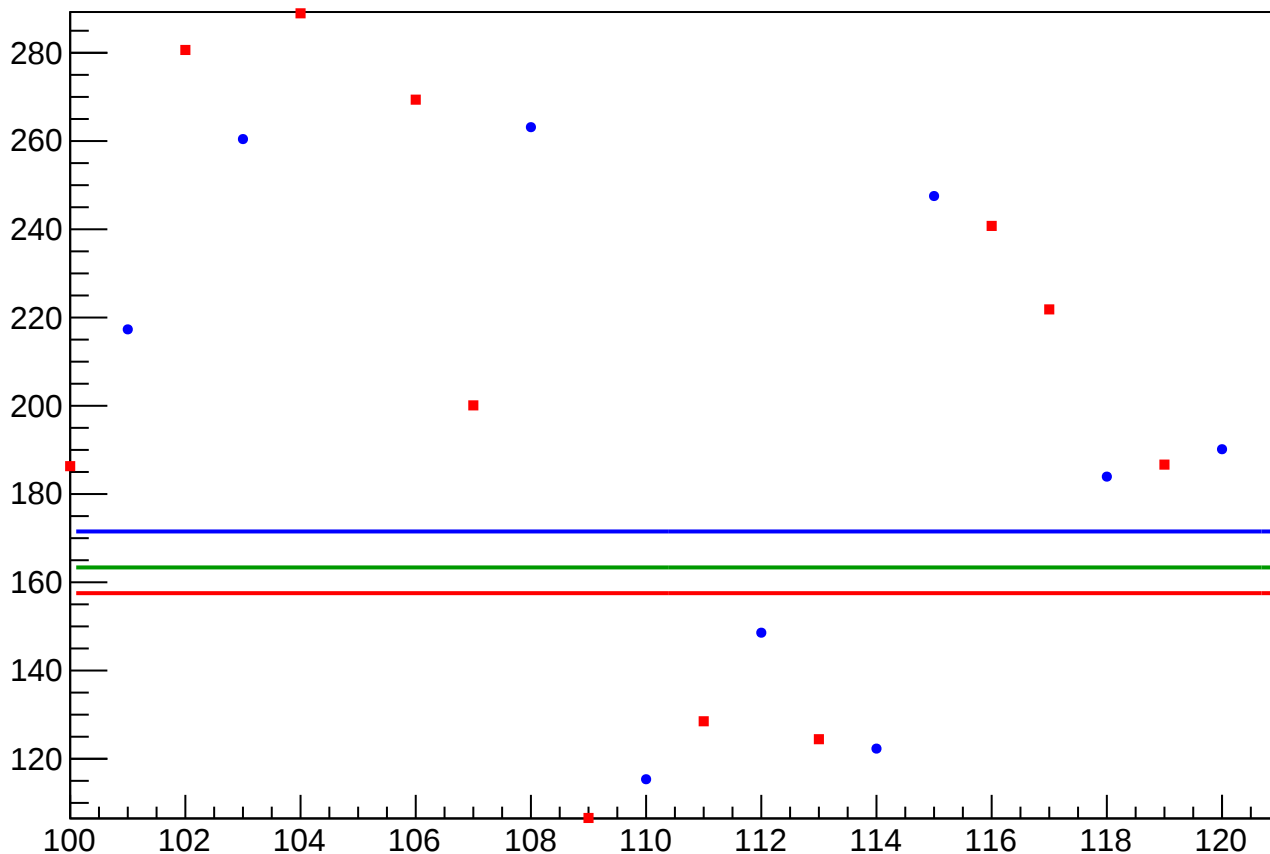
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

114.154+/-97.513 χ^2/NDF : 1.4/8

59.284+/-62.966 χ^2/NDF : 5.5/20

20.044+/-82.463 χ^2/NDF : 3.5/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.519+/-0.069 χ^2/NDF : 522622.3/8

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

Right Out: 157.535+/-0.058 χ^2/NDF : 1010012.1/11

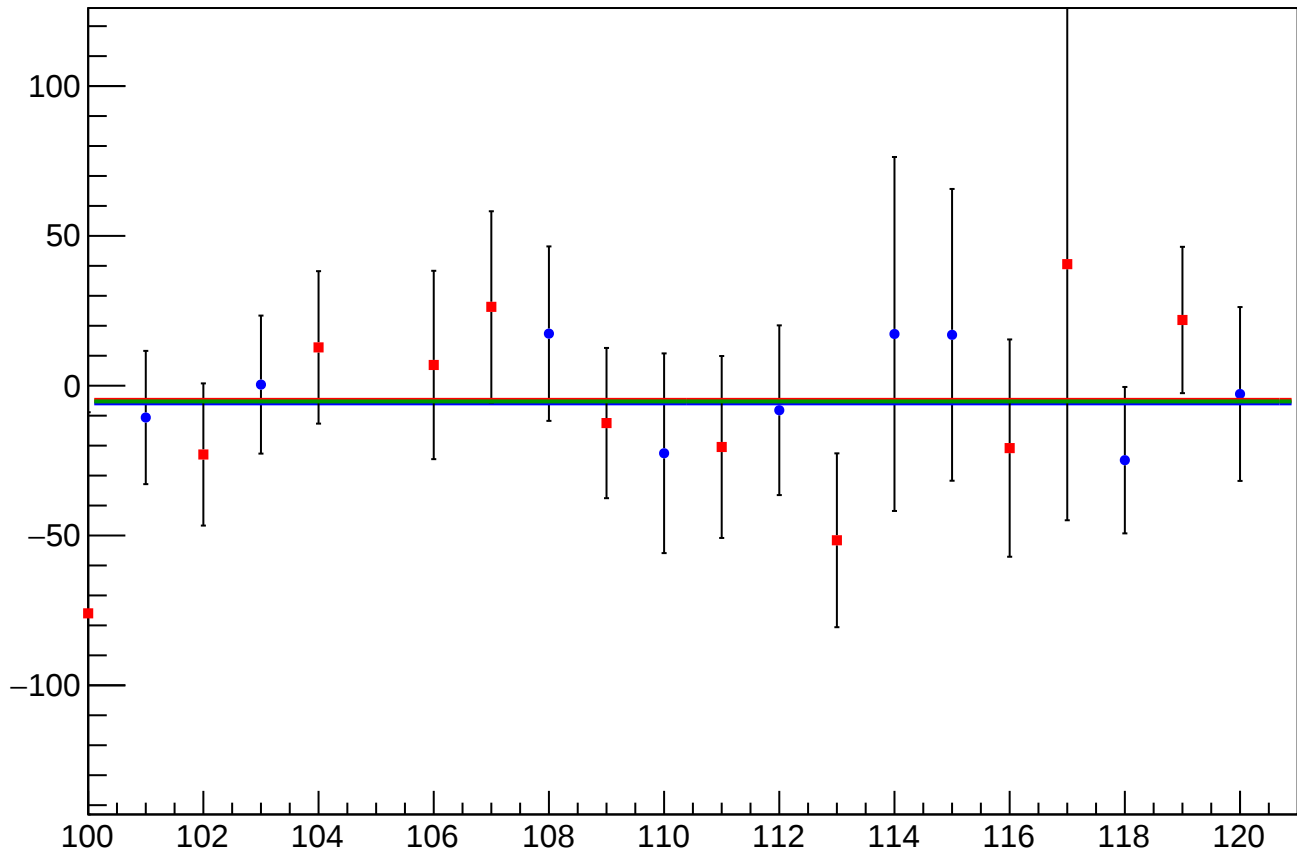
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.519+/-0.069 χ^2/NDF : 522622.3/8

163.365+/-0.045 χ^2/NDF : 1556616.2/20

157.535+/-0.058 χ^2/NDF : 1010012.1/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.887+/-9.620 χ^2 /NDF: 2.0/8

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

Right Out: -4.727+/-8.661 χ^2 /NDF: 8.4/11

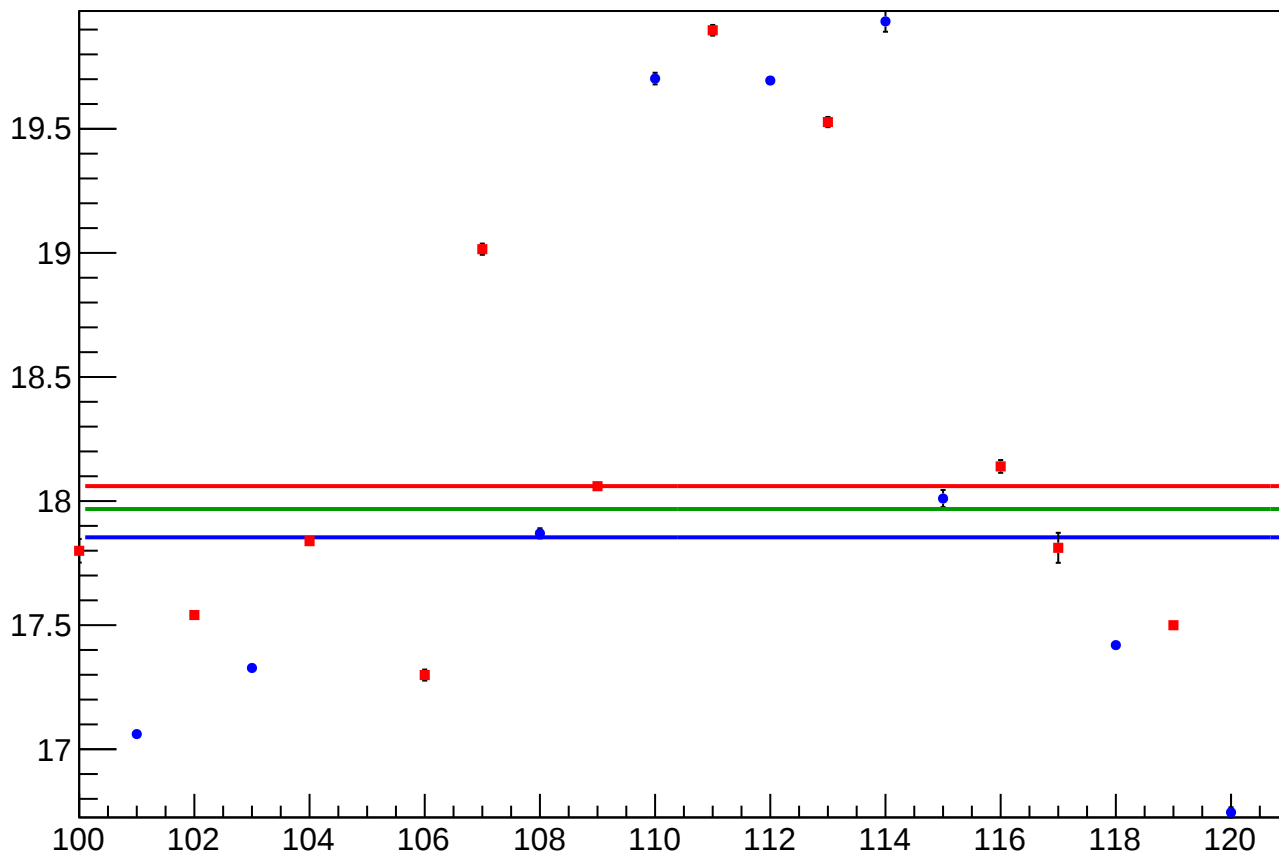
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.887+/-9.620 χ^2 /NDF: 2.0/8

-5.247+/-6.437 χ^2 /NDF: 10.4/20

-4.727+/-8.661 χ^2 /NDF: 8.4/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.854 ± 0.007 $\chi^2/\text{NDF}: 24238.5/8$

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

Right Out: 18.060 ± 0.006 $\chi^2/\text{NDF}: 21712.3/11$

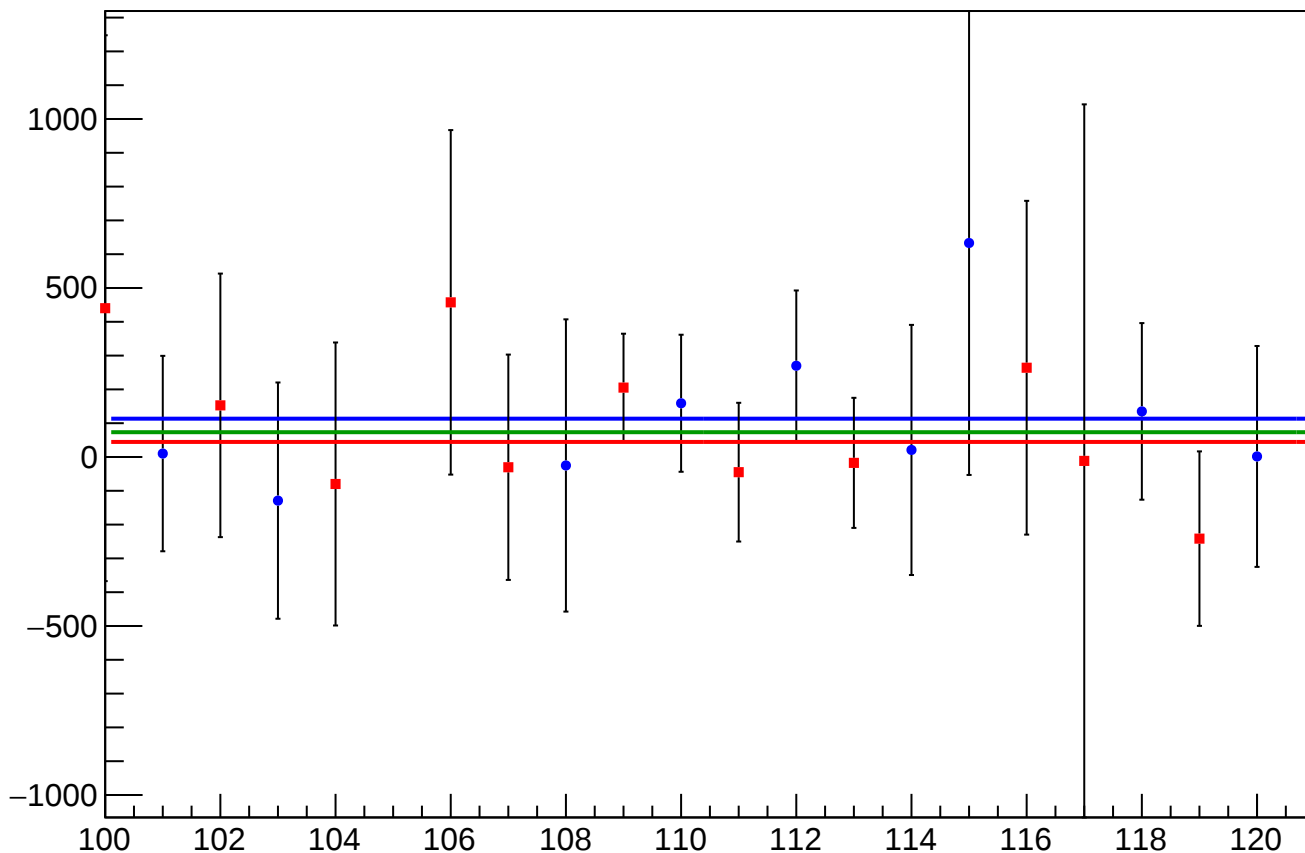
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.854 ± 0.007 $\chi^2/\text{NDF}: 24238.5/8$

17.968 ± 0.005 $\chi^2/\text{NDF}: 46459.2/20$

18.060 ± 0.006 $\chi^2/\text{NDF}: 21712.3/11$

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.373+/-98.330 χ^2/NDF : 2.0/8

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

Right Out: 44.570+/-83.395 χ^2/NDF : 3.9/11

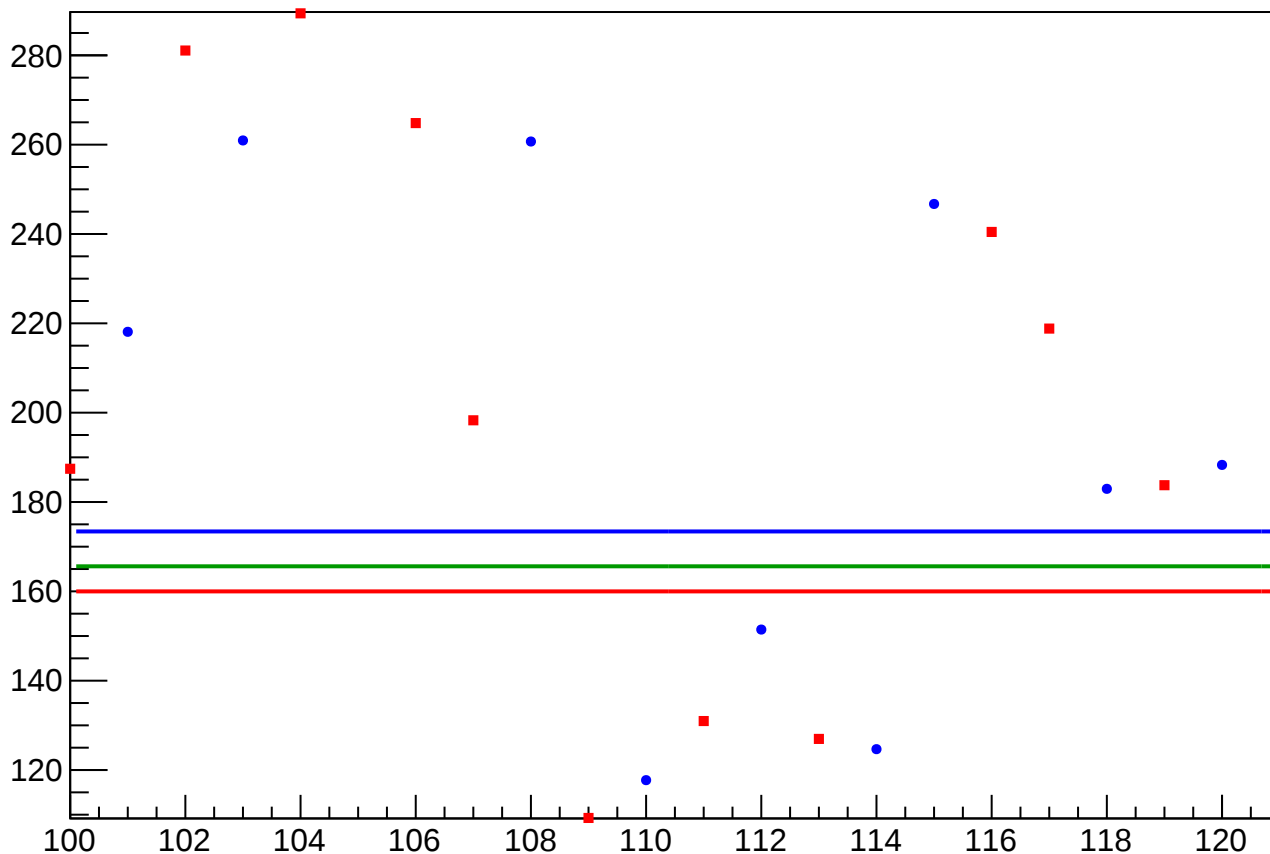
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.373+/-98.330 χ^2/NDF : 2.0/8

73.355+/-63.601 χ^2/NDF : 6.2/20

44.570+/-83.395 χ^2/NDF : 3.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.411+/-0.070 χ^2/NDF : 489440.8/8

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

Right Out: 159.990+/-0.059 χ^2/NDF : 949289.8/11

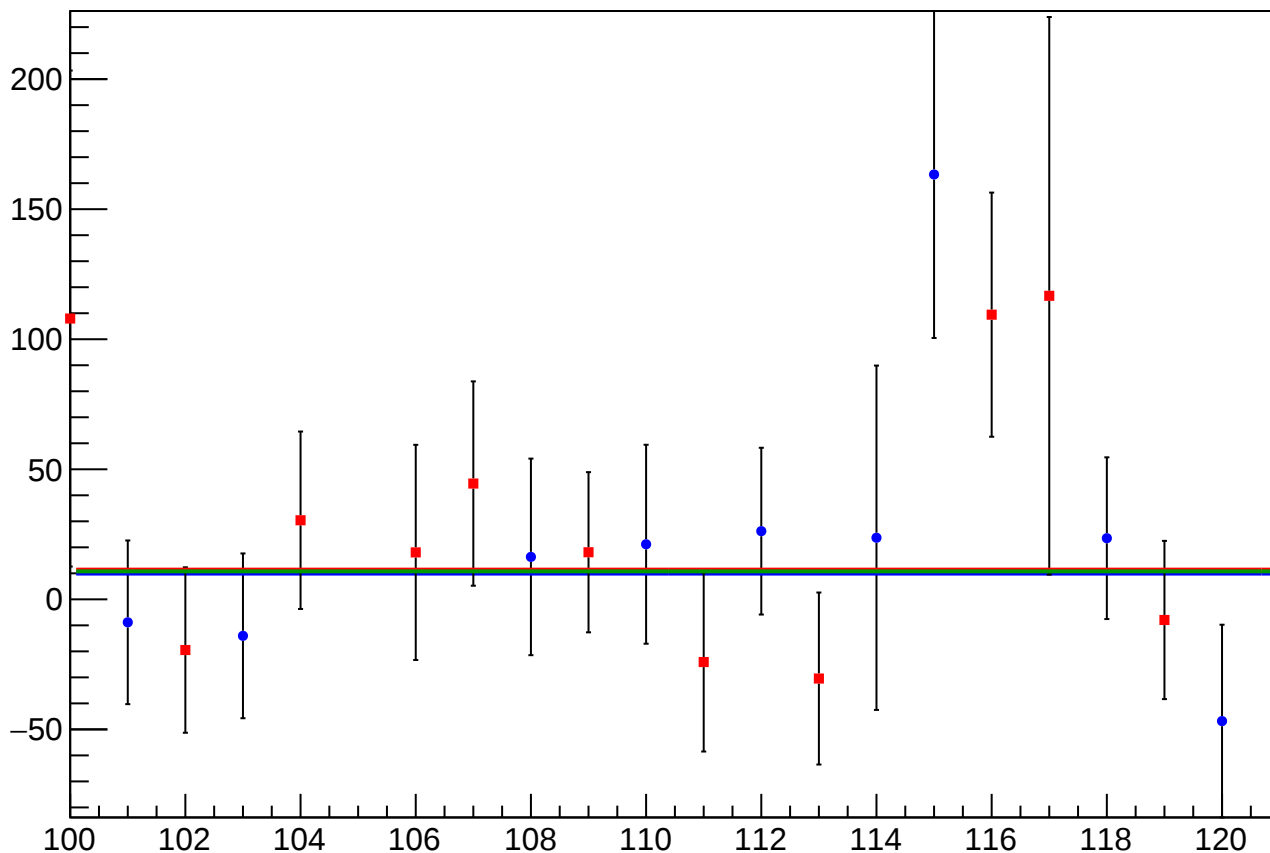
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

173.411+/-0.070 χ^2/NDF : 489440.8/8

165.605+/-0.045 χ^2/NDF : 1460400.4/20

159.990+/-0.059 χ^2/NDF : 949289.8/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.912+/-12.301 χ^2/NDF : 9.8/8

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

Right Out: 11.418+/-10.879 χ^2/NDF : 11.5/11

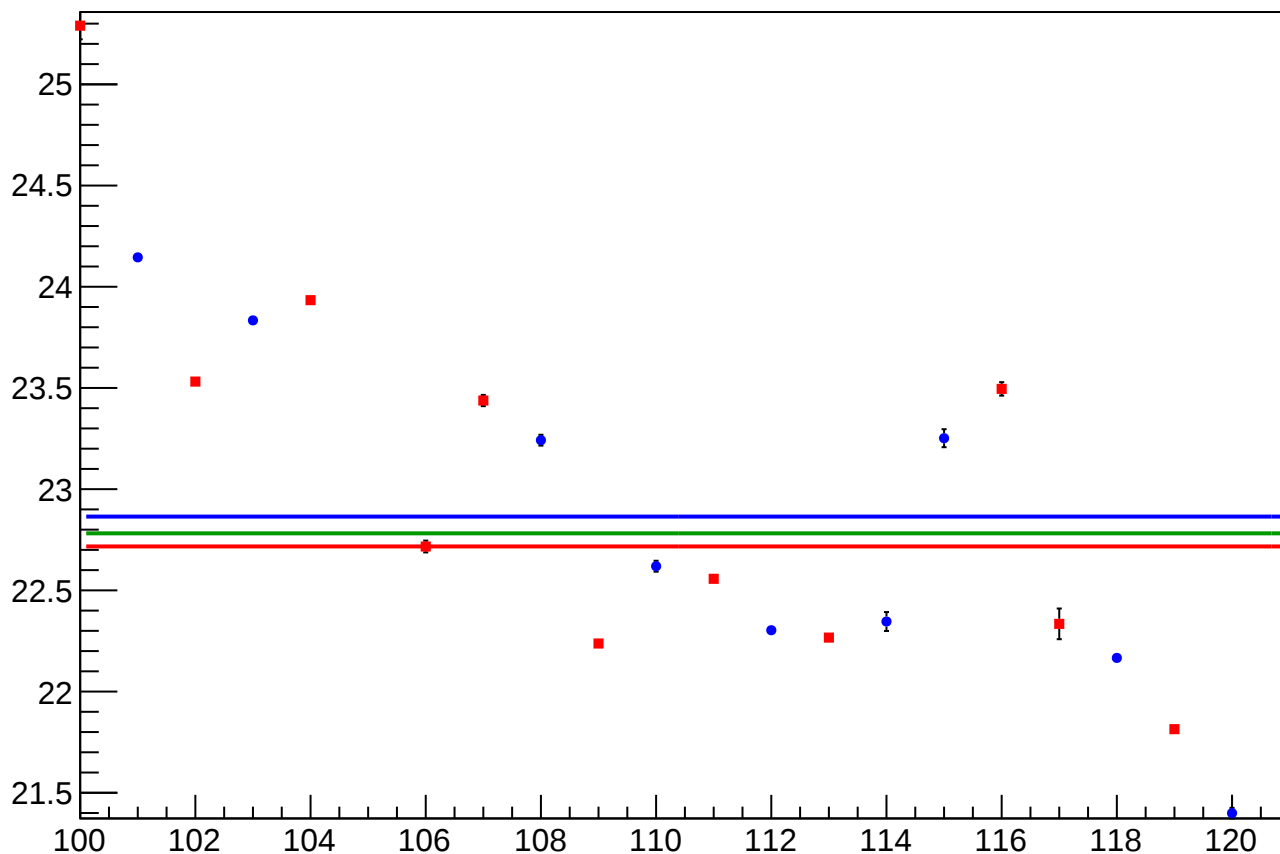
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.912+/-12.301 χ^2/NDF : 9.8/8

10.757+/-8.149 χ^2/NDF : 21.4/20

11.418+/-10.879 χ^2/NDF : 11.5/11

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.865+/-0.009 χ^2/NDF : 10417.1/8

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

Right Out: 22.717+/-0.008 χ^2/NDF : 11159.1/11

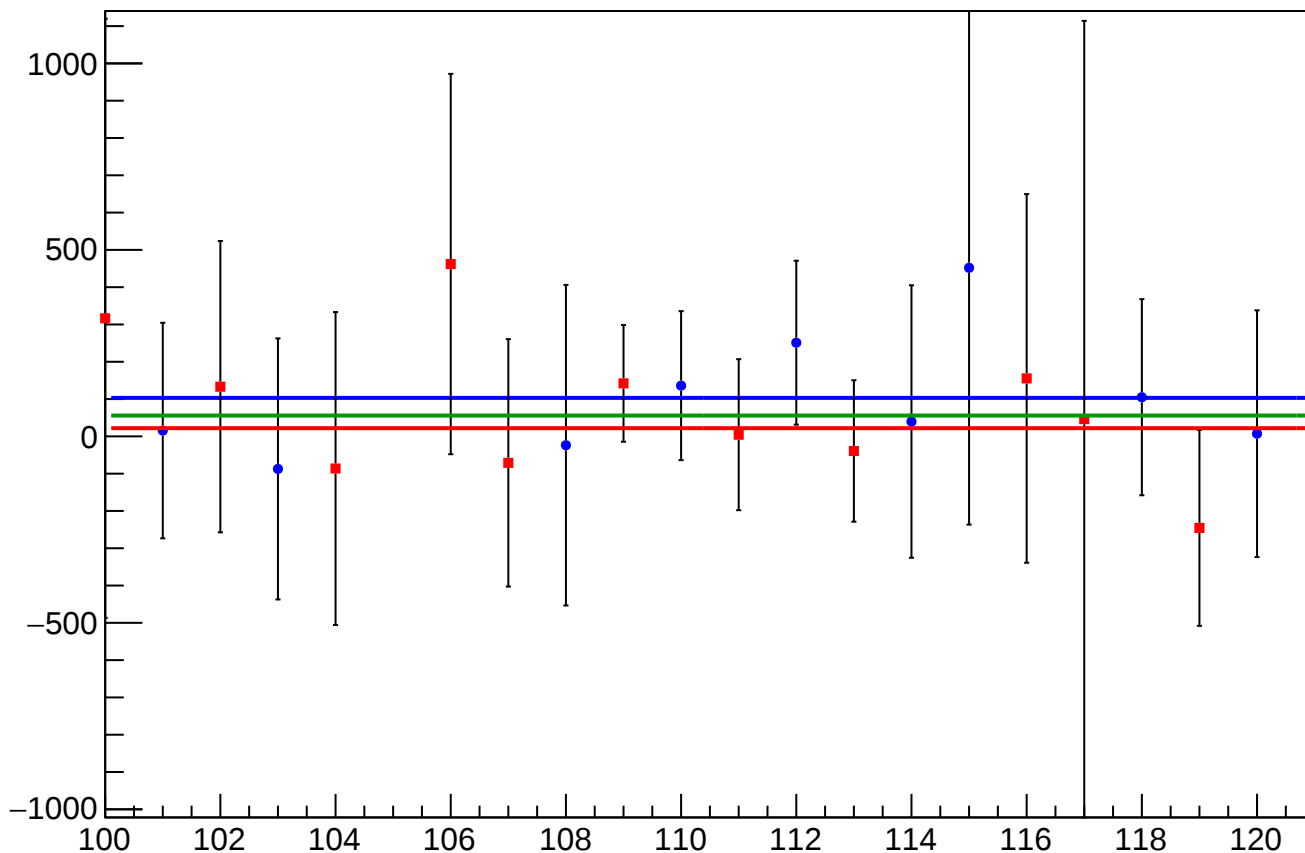
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.865+/-0.009 χ^2/NDF : 10417.1/8

22.782+/-0.006 χ^2/NDF : 21737.6/20

22.717+/-0.008 χ^2/NDF : 11159.1/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 103.203 $\pm$ 97.812 χ^2 /NDF: 1.3/8

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

Right Out: 21.942 $\pm$ 82.694 χ^2 /NDF: 3.0/11

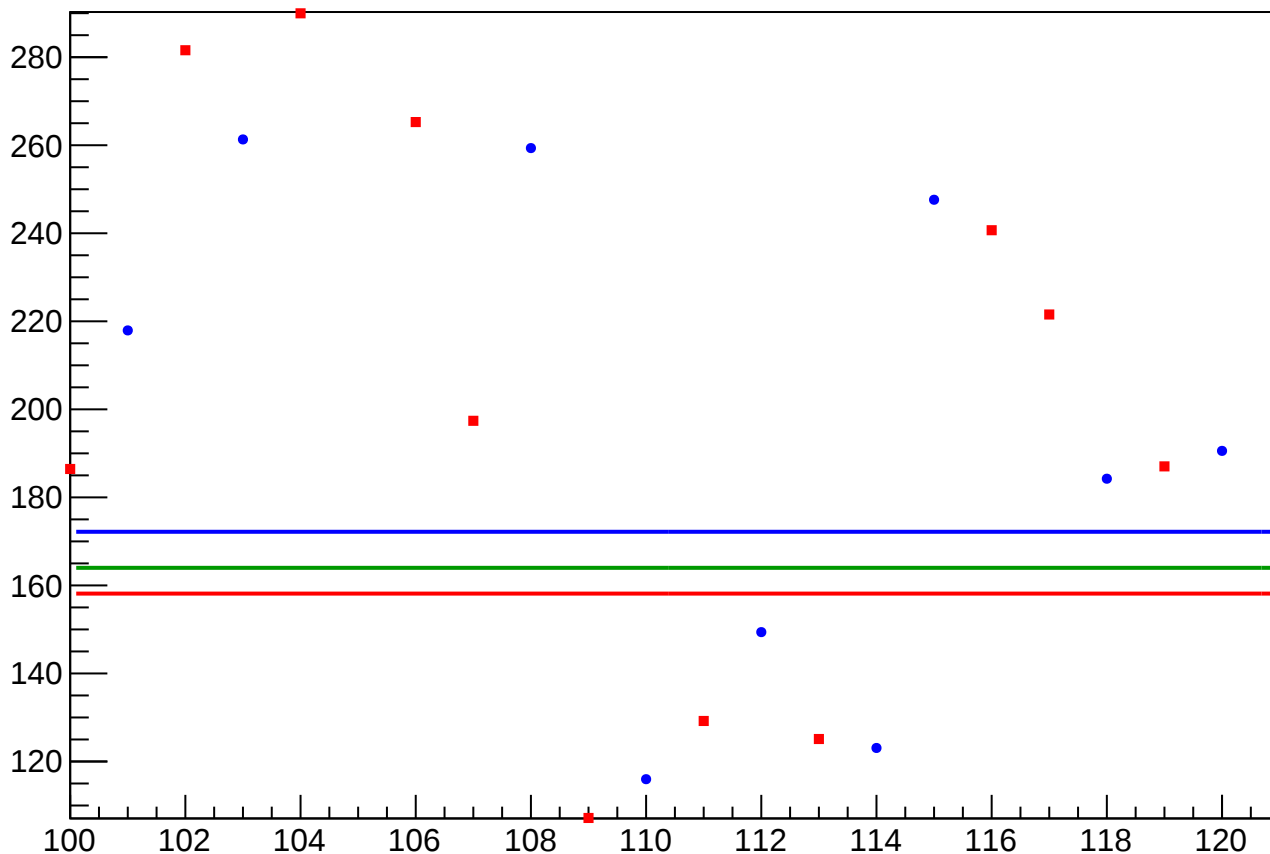
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.203 $\pm$ 97.812 χ^2 /NDF: 1.3/8

55.814 $\pm$ 63.150 χ^2 /NDF: 4.8/20

21.942 $\pm$ 82.694 χ^2 /NDF: 3.0/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.185+/-0.069 χ^2/NDF : 512511.7/8

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

Right Out: 158.142+/-0.058 χ^2/NDF : 994662.4/11

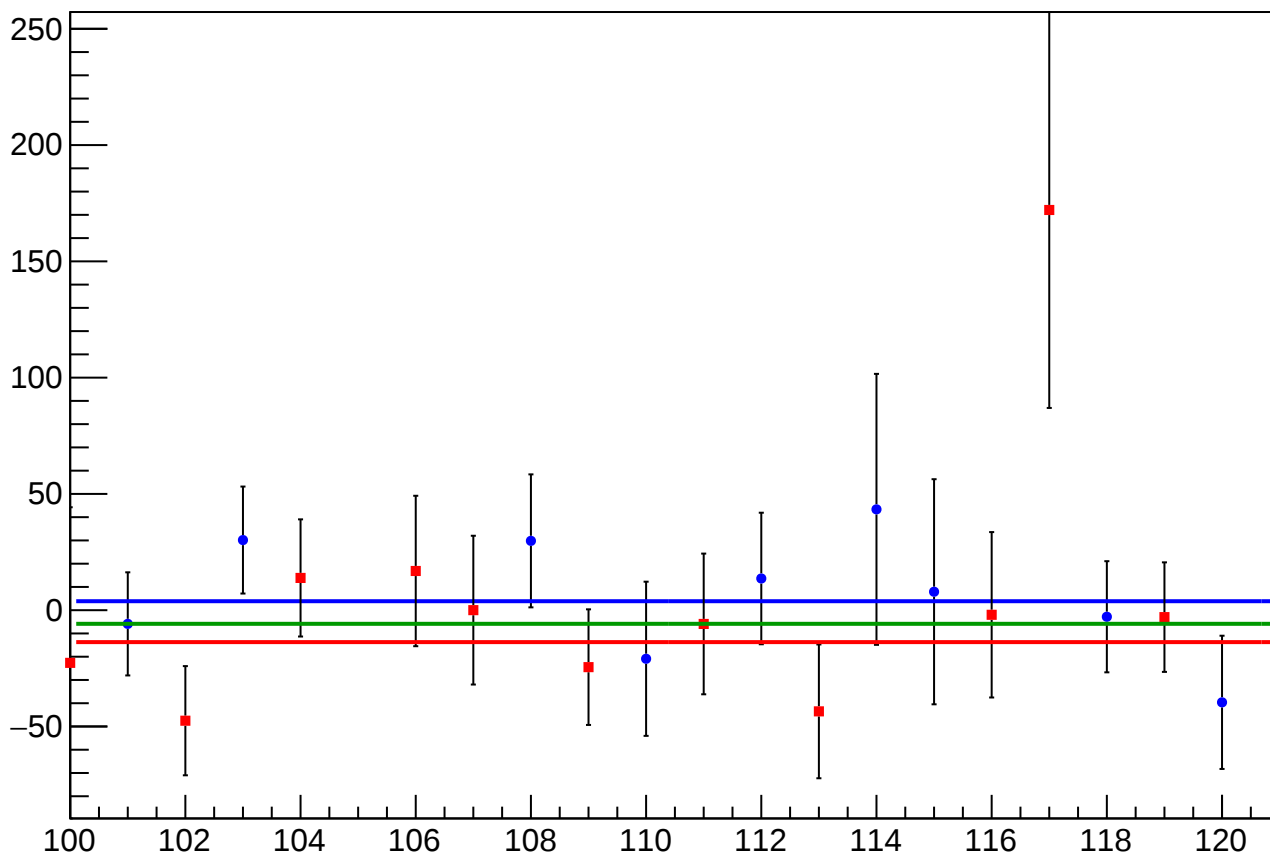
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.185+/-0.069 χ^2/NDF : 512511.7/8

163.996+/-0.045 χ^2/NDF : 1531216.6/20

158.142+/-0.058 χ^2/NDF : 994662.4/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.864+/-9.535 χ^2/NDF : 5.9/8

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

Right Out: -13.724+/-8.579 χ^2/NDF : 11.5/11

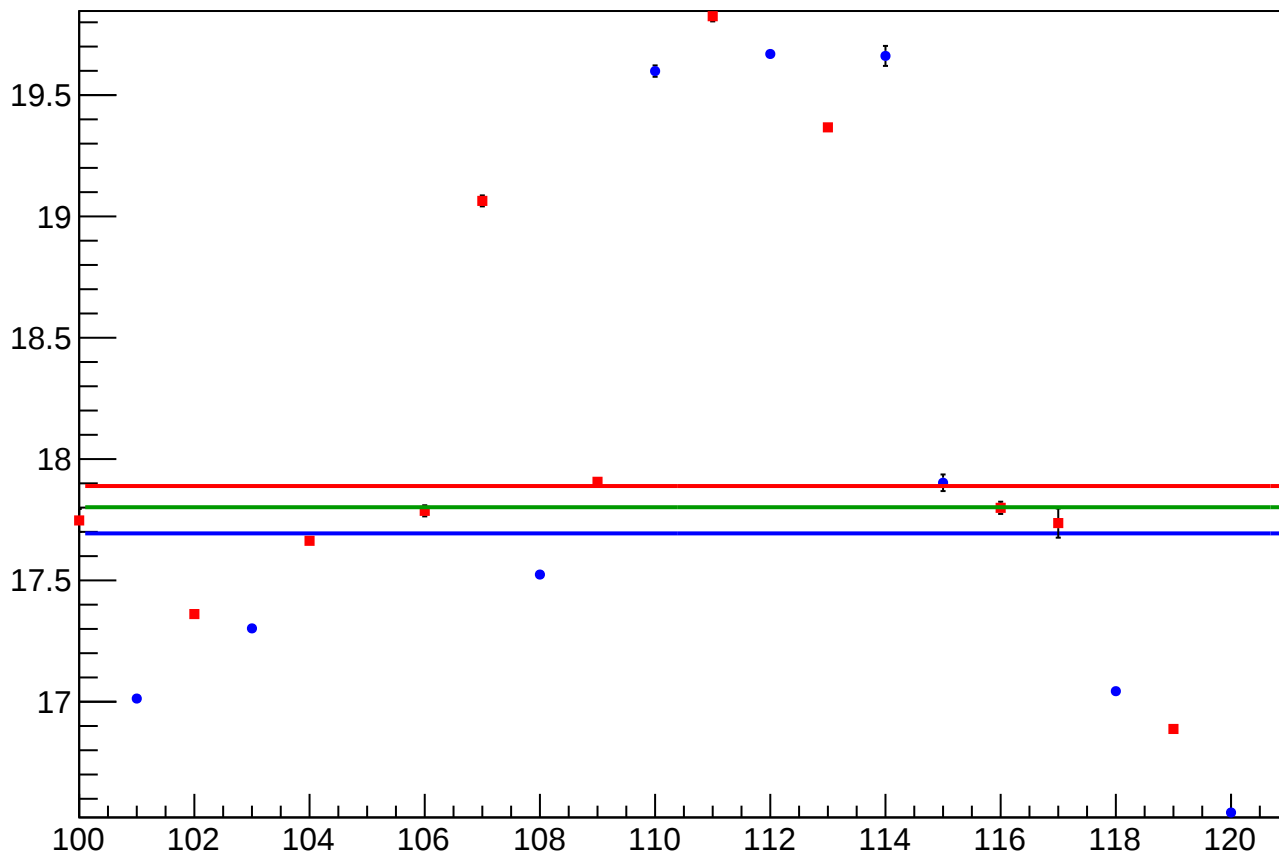
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.864+/-9.535 χ^2/NDF : 5.9/8

-5.856+/-6.377 χ^2/NDF : 19.3/20

-13.724+/-8.579 χ^2/NDF : 11.5/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.694 $\pm$ 0.007 χ^2/NDF : 25926.6/8

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

Right Out: 17.889 $\pm$ 0.006 χ^2/NDF : 25363.3/11

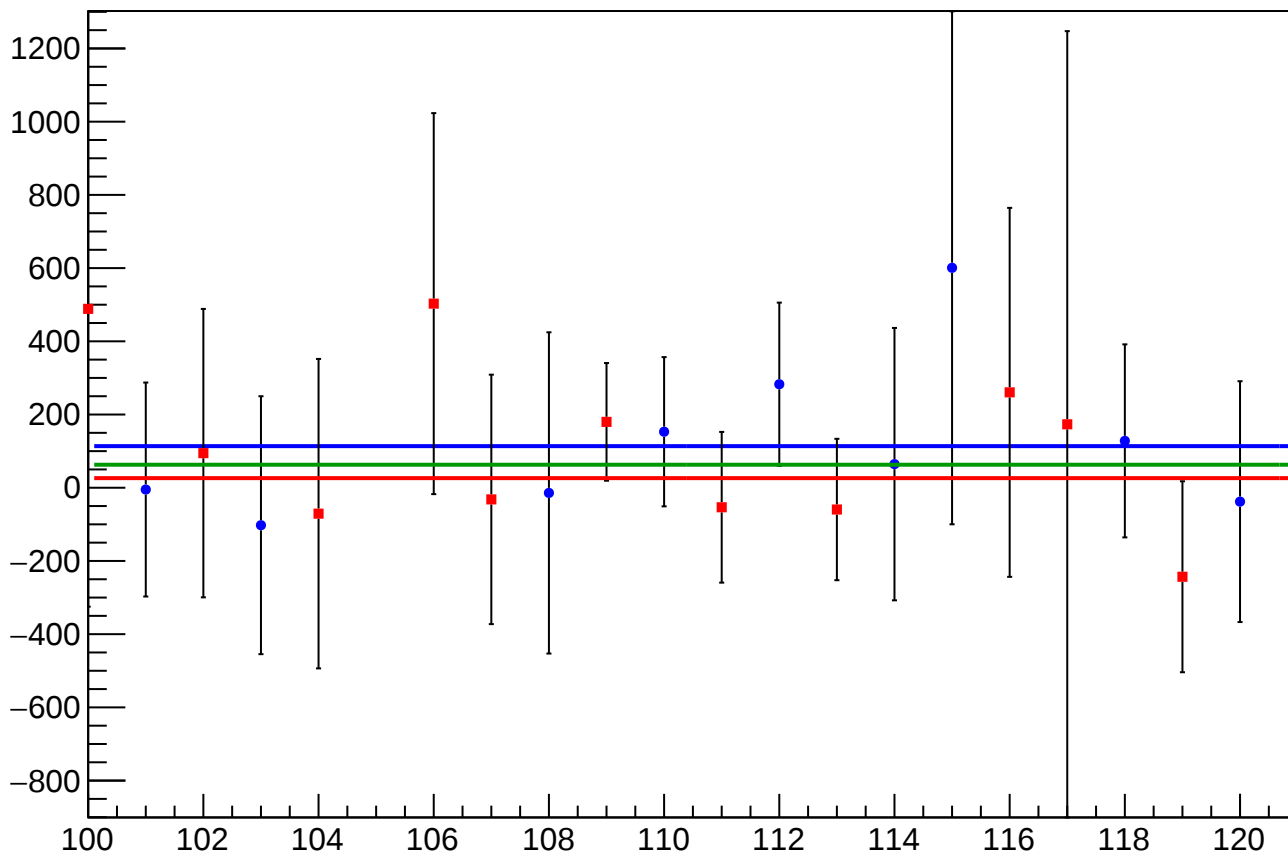
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.694 $\pm$ 0.007 χ^2/NDF : 25926.6/8

17.802 $\pm$ 0.005 χ^2/NDF : 51753.0/20

17.889 $\pm$ 0.006 χ^2/NDF : 25363.3/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.647 $\pm$ 99.001 χ^2 /NDF: 2.0/8

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

Right Out: 26.237 $\pm$ 84.077 χ^2 /NDF: 3.9/11

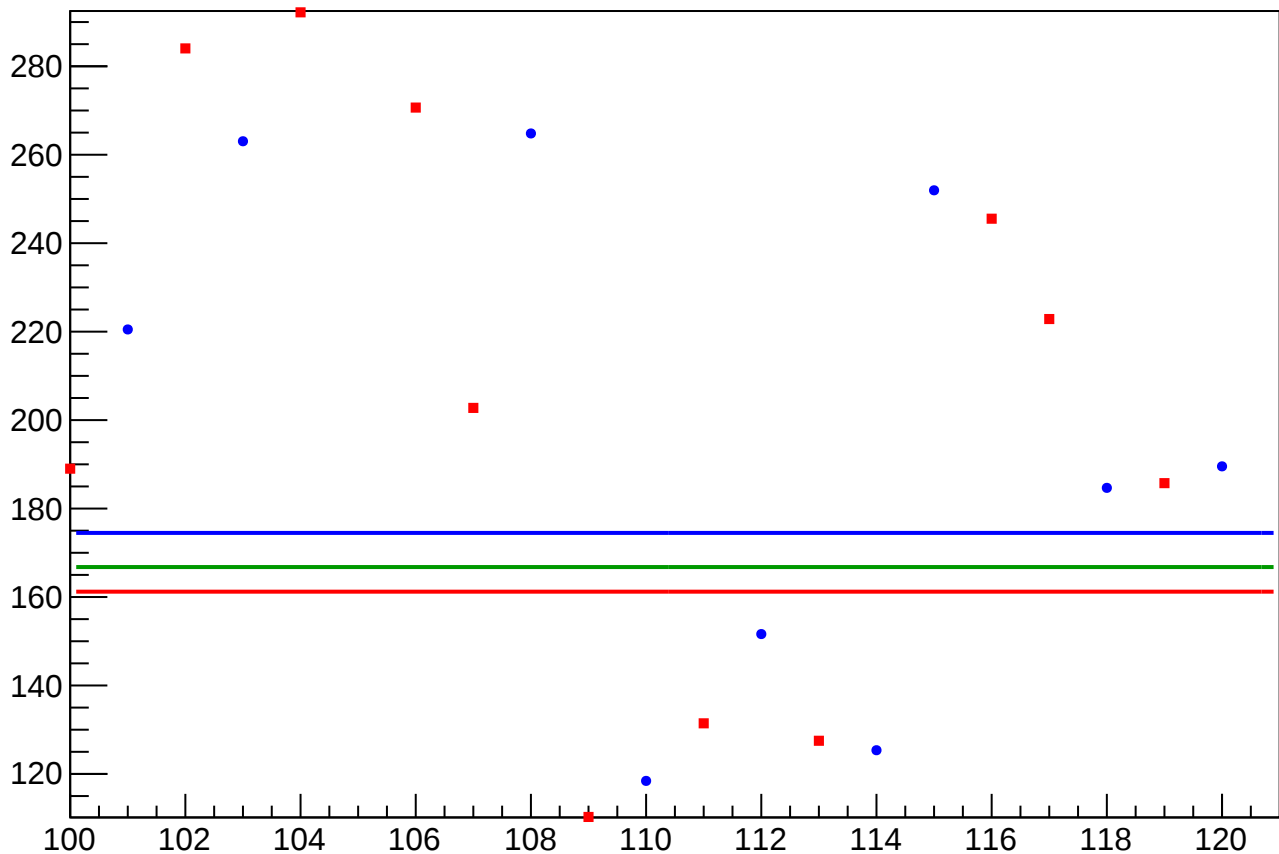
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

113.647 $\pm$ 99.001 χ^2 /NDF: 2.0/8

62.863 $\pm$ 64.085 χ^2 /NDF: 6.3/20

26.237 $\pm$ 84.077 χ^2 /NDF: 3.9/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.495+/-0.070 χ^2/NDF : 499516.6/8

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

Right Out: 161.210+/-0.059 χ^2/NDF : 963392.8/11

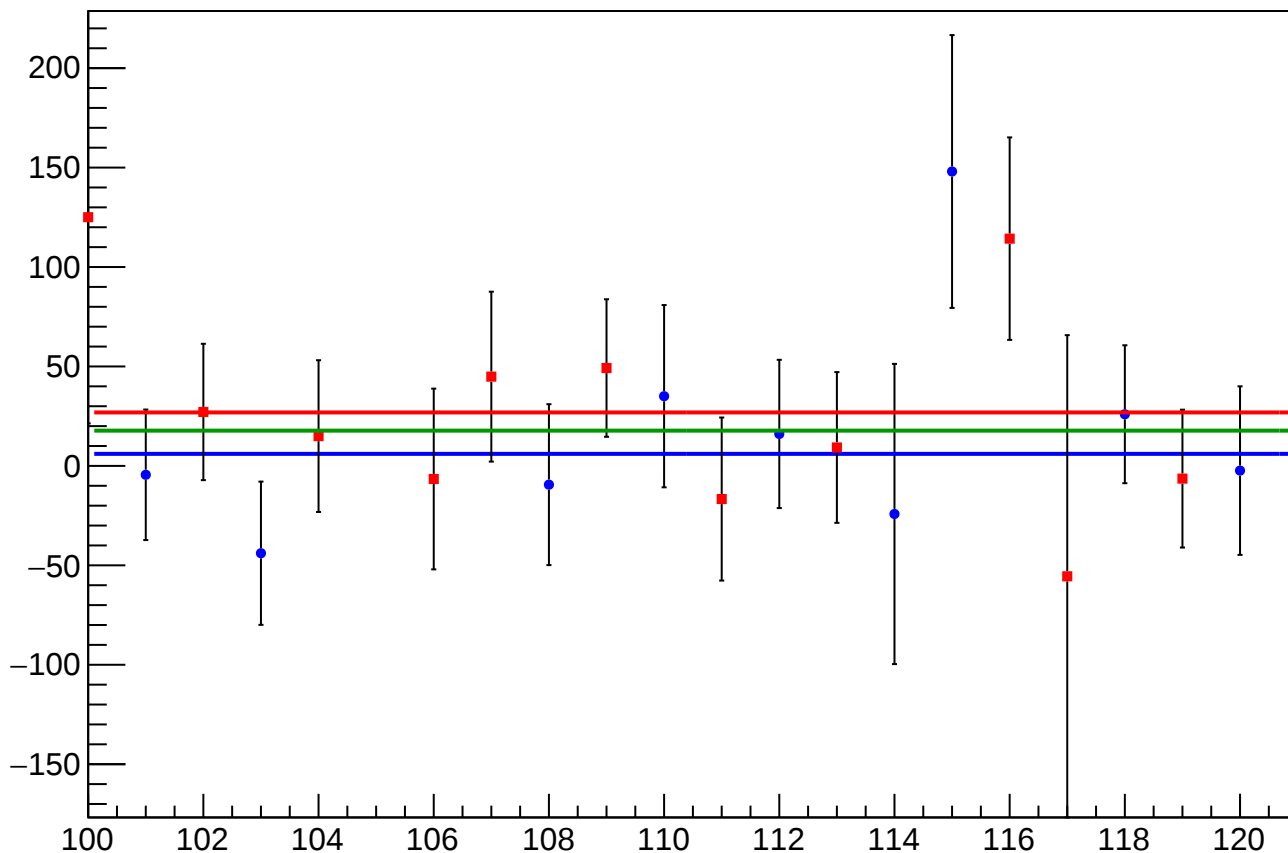
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.495+/-0.070 χ^2/NDF : 499516.6/8

166.777+/-0.045 χ^2/NDF : 1483834.5/20

161.210+/-0.059 χ^2/NDF : 963392.8/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.053+/-13.758 χ^2/NDF : 7.5/8

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

Right Out: 26.880+/-12.180 χ^2/NDF : 8.7/11

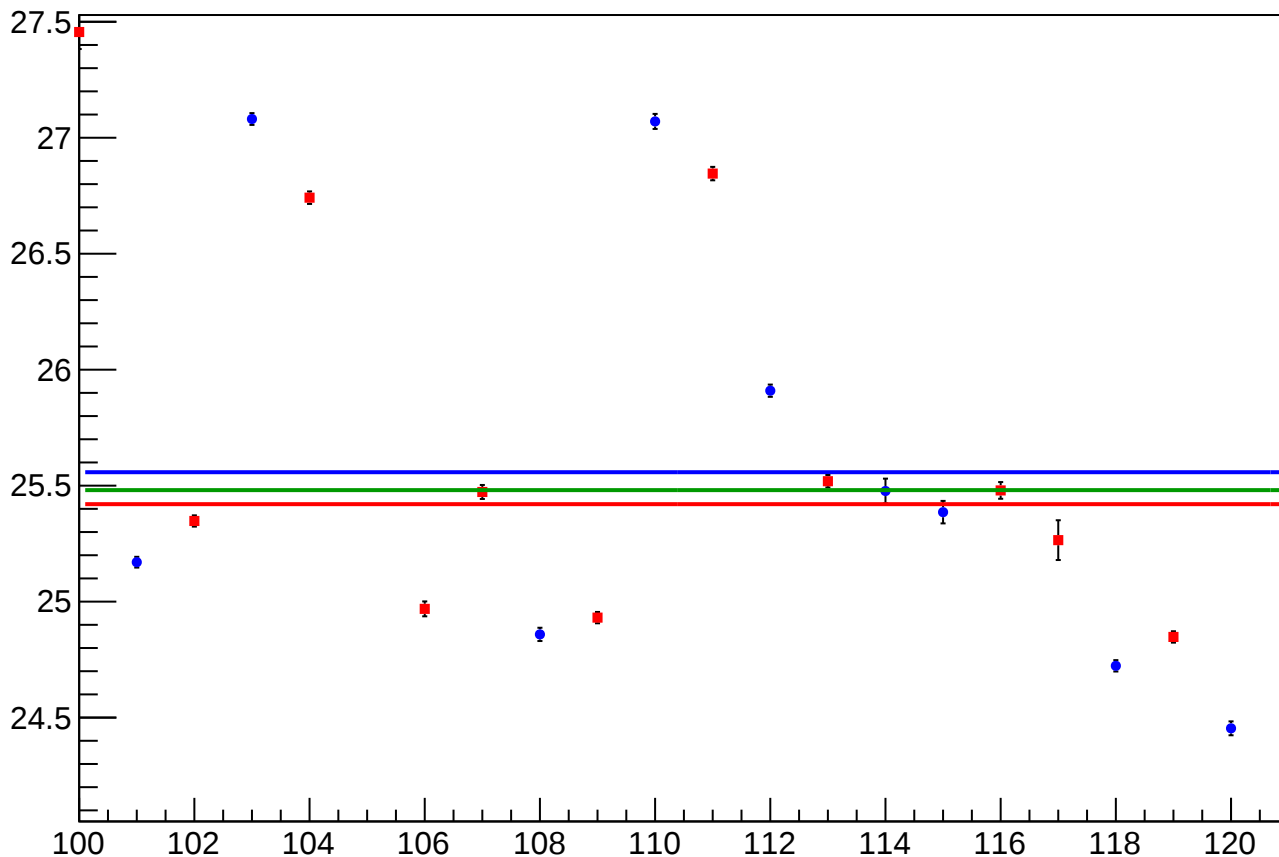
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.053+/-13.758 χ^2/NDF : 7.5/8

17.729+/-9.120 χ^2/NDF : 17.4/20

26.880+/-12.180 χ^2/NDF : 8.7/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.558+/-0.010 χ^2/NDF : 9341.2/8

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

Right Out: 25.420+/-0.009 χ^2/NDF : 9148.3/11

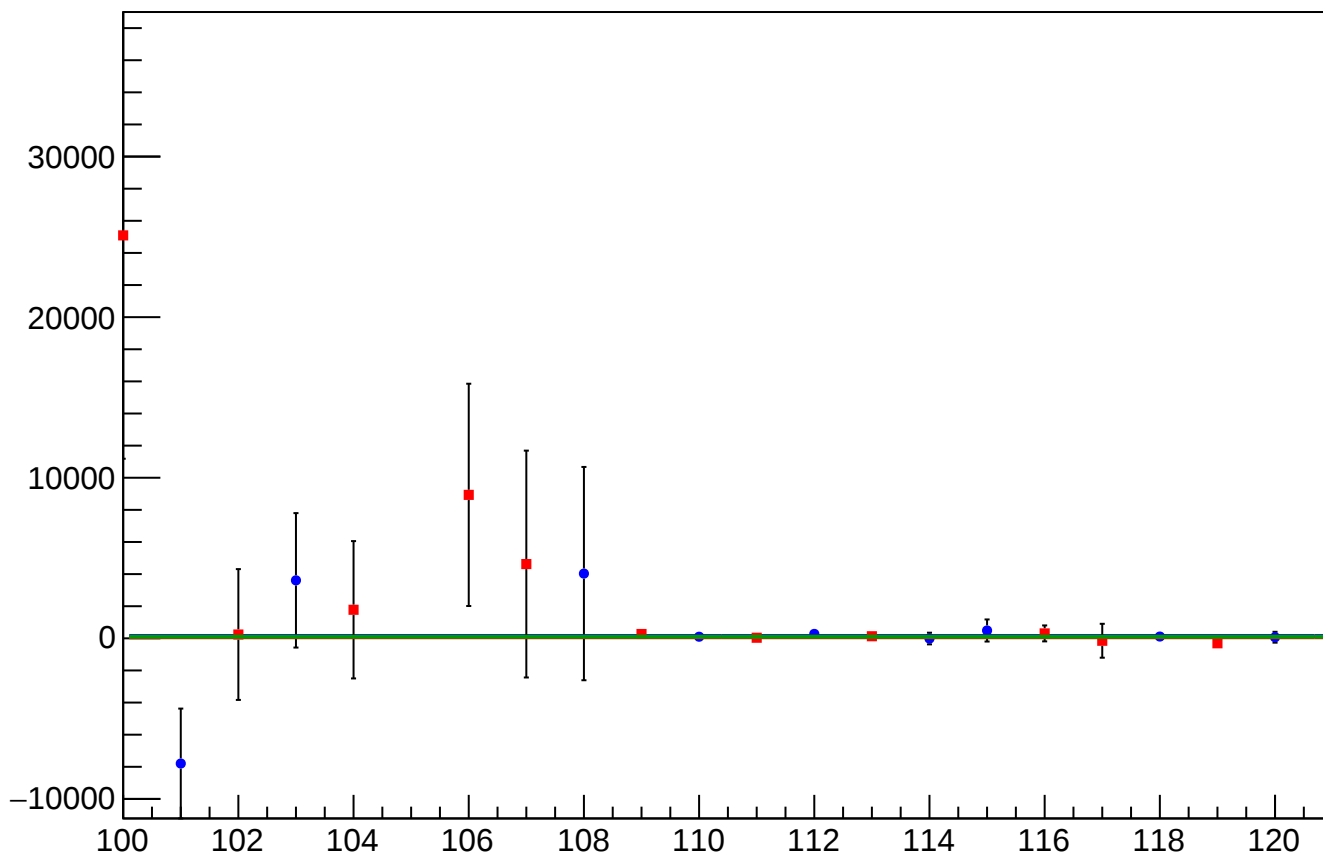
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.558+/-0.010 χ^2/NDF : 9341.2/8

25.481+/-0.006 χ^2/NDF : 18601.9/20

25.420+/-0.009 χ^2/NDF : 9148.3/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 140.015+/-113.003 χ^2/NDF : 7.3/8

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

Right Out: 70.059+/-100.279 χ^2/NDF : 8.9/11

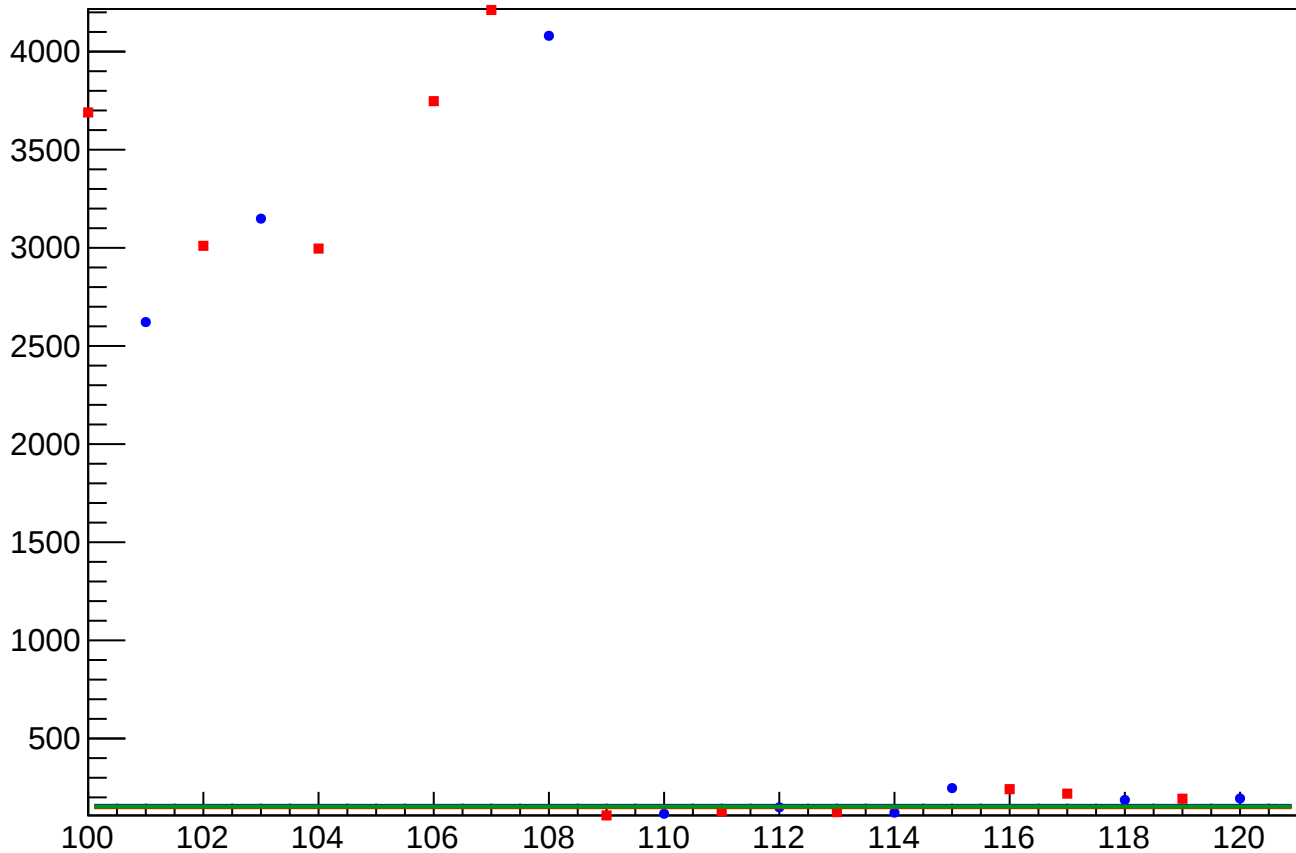
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.015+/-113.003 χ^2/NDF : 7.3/8

100.878+/-75.005 χ^2/NDF : 16.5/20

70.059+/-100.279 χ^2/NDF : 8.9/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 156.776+/-0.080 χ^2/NDF : 2944050.6/8

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

Right Out: 150.007+/-0.071 χ^2/NDF : 3561598.5/11

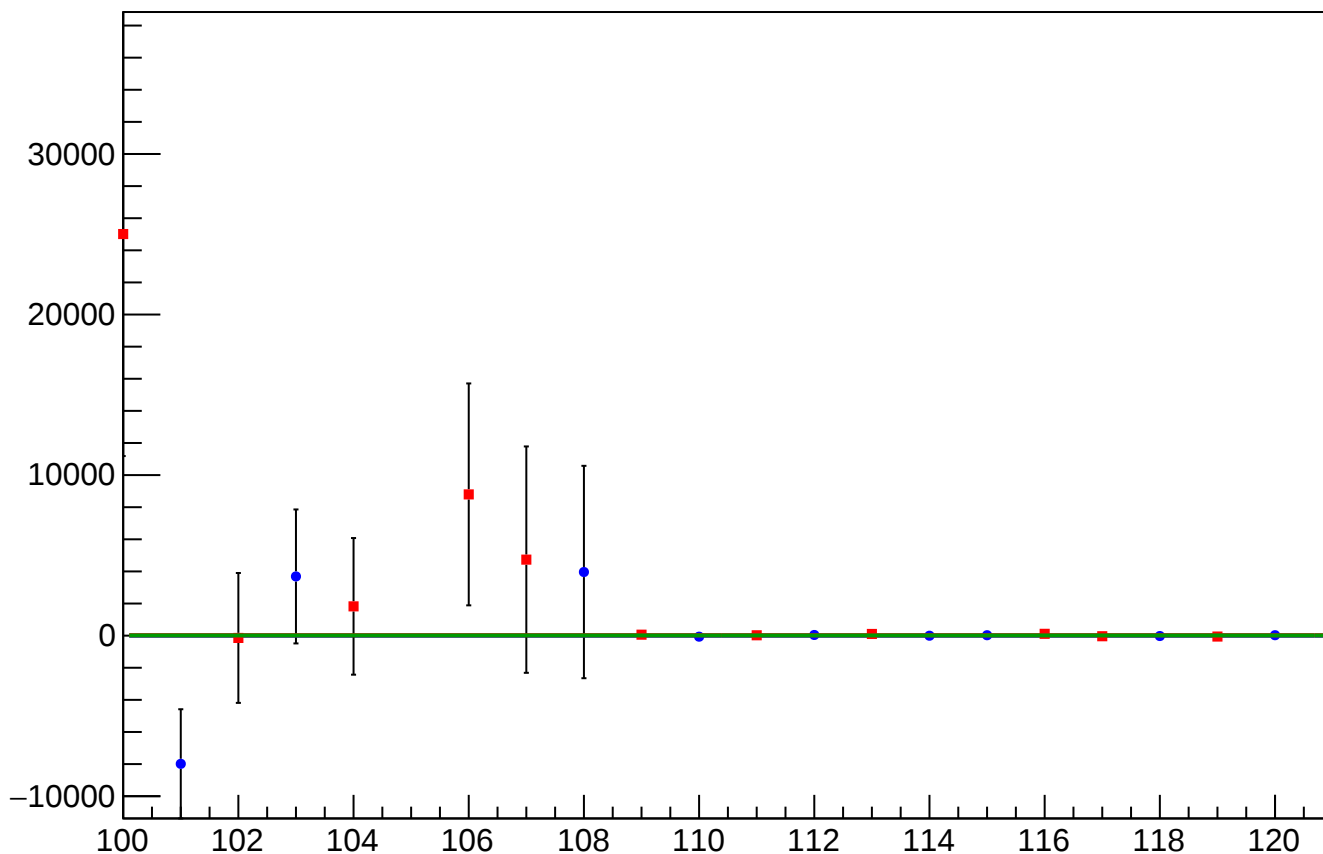
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.776+/-0.080 χ^2/NDF : 2944050.6/8

152.989+/-0.053 χ^2/NDF : 6509663.6/20

150.007+/-0.071 χ^2/NDF : 3561598.5/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.413+/-19.950 χ^2/NDF : 10.6/8

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

Right Out: 25.510+/-17.987 χ^2/NDF : 18.9/11

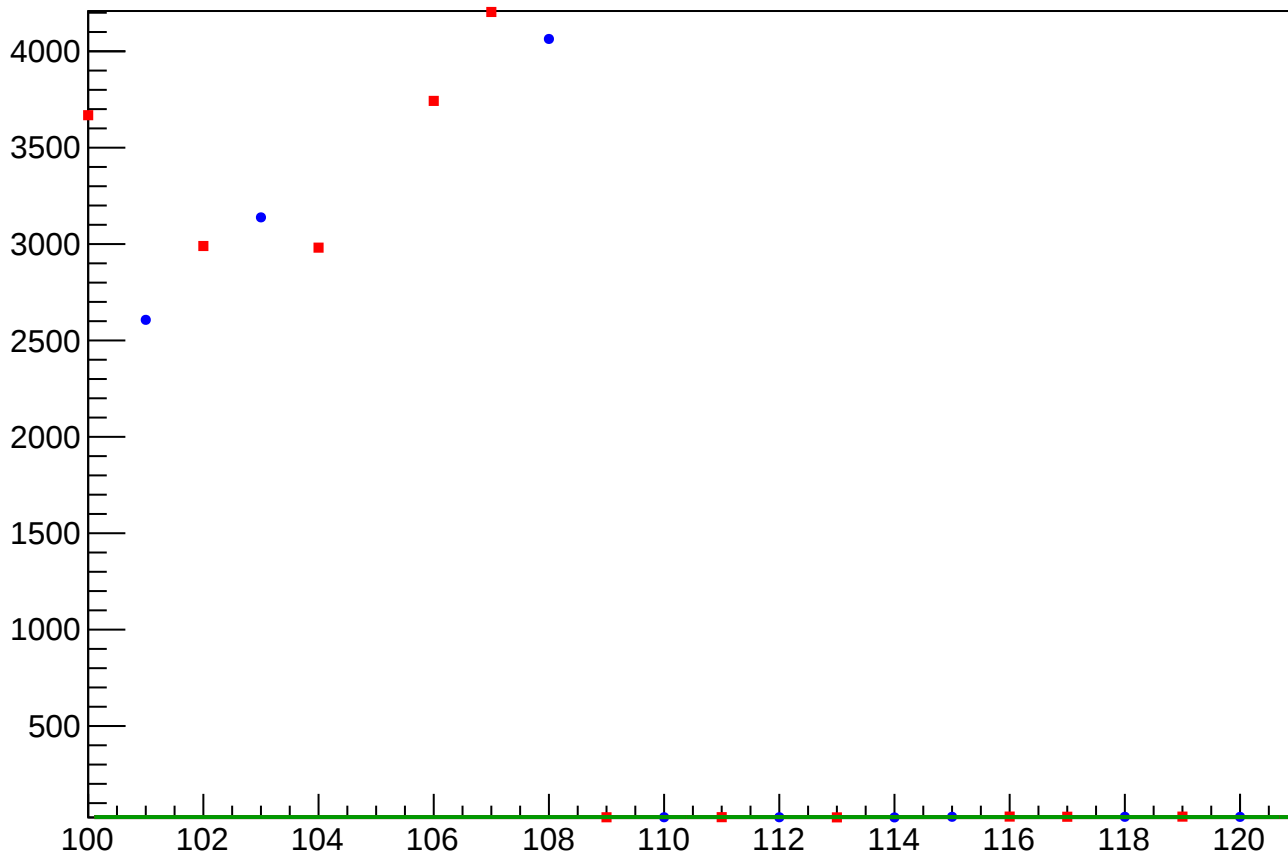
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.413+/-19.950 χ^2/NDF : 10.6/8

13.438+/-13.359 χ^2/NDF : 30.5/20

25.510+/-17.987 χ^2/NDF : 18.9/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.841+/-0.014 χ^2/NDF : 3013821.6/8

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

Right Out: 27.604+/-0.013 χ^2/NDF : 3473486.0/11

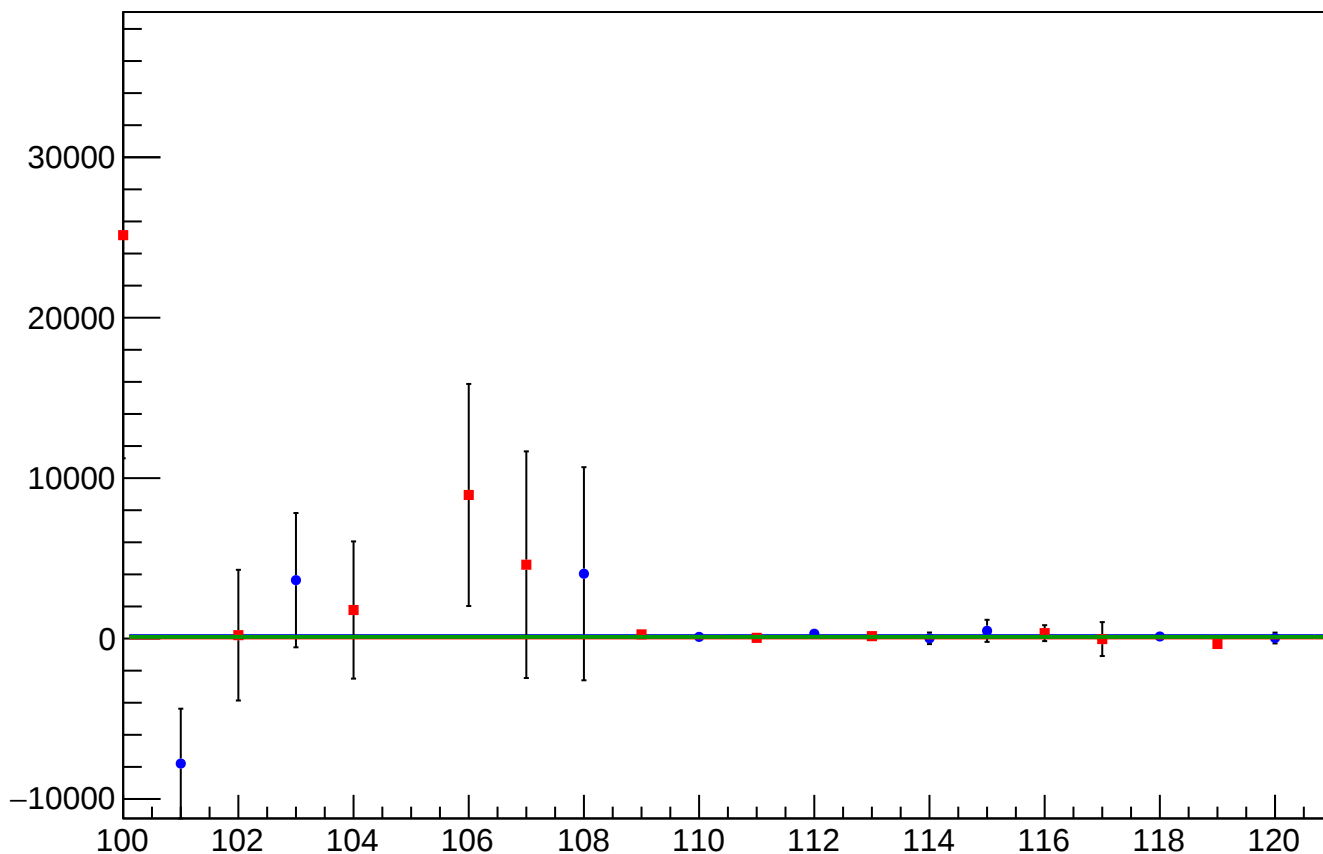
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.841+/-0.014 χ^2/NDF : 3013821.6/8

27.710+/-0.009 χ^2/NDF : 6487463.0/20

27.604+/-0.013 χ^2/NDF : 3473486.0/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 149.839+/-112.527 χ^2/NDF : 7.5/8

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

Right Out: 69.975+/-99.833 χ^2/NDF : 9.4/11

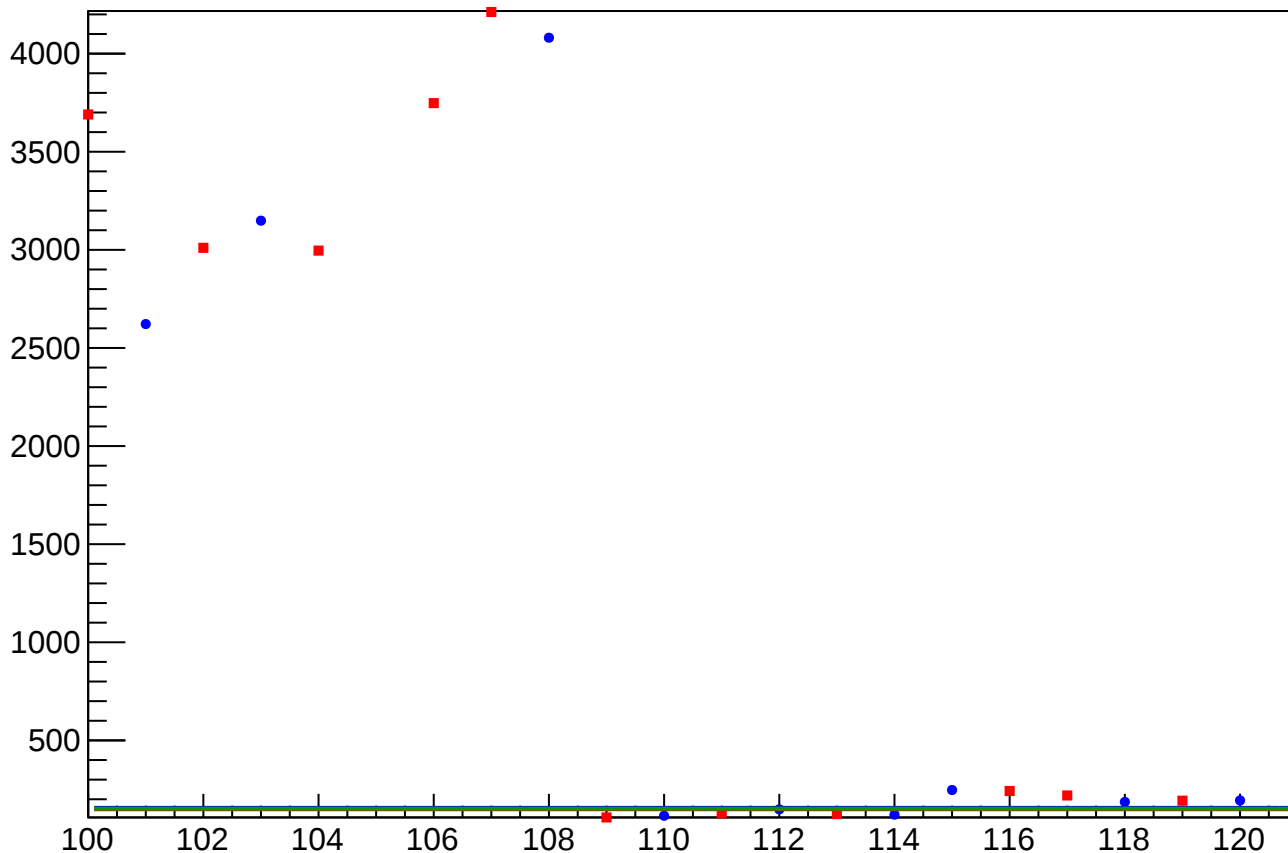
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

149.839+/-112.527 χ^2/NDF : 7.5/8

105.150+/-74.679 χ^2/NDF : 17.2/20

69.975+/-99.833 χ^2/NDF : 9.4/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 156.032+/-0.080 χ^2/NDF : 2948041.6/8

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

Right Out: 149.240+/-0.071 χ^2/NDF : 3567245.7/11

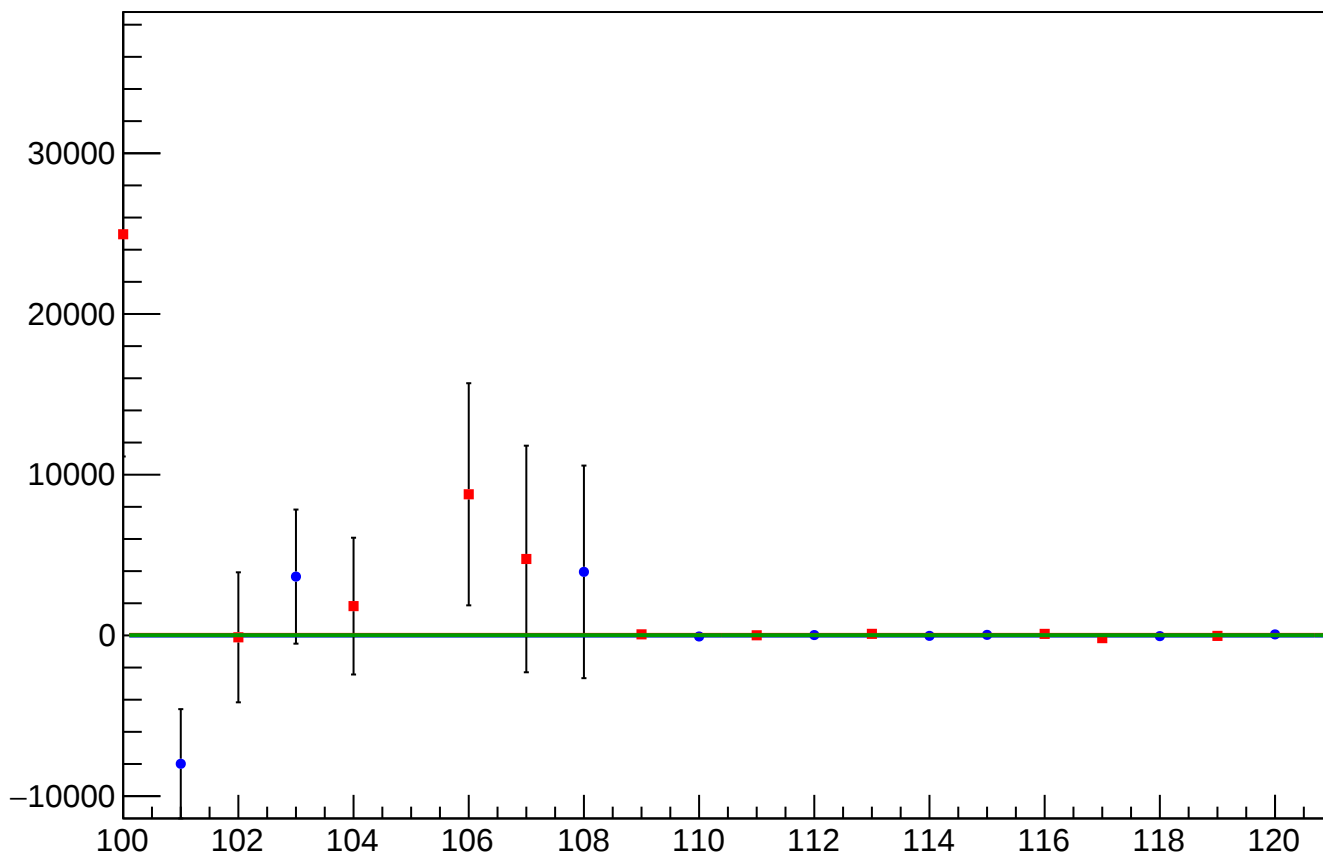
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.032+/-0.080 χ^2/NDF : 2948041.6/8

152.231+/-0.053 χ^2/NDF : 6519364.0/20

149.240+/-0.071 χ^2/NDF : 3567245.7/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.606+/-20.039 χ^2/NDF : 12.1/8

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

Right Out: 32.399+/-18.103 χ^2/NDF : 14.6/11

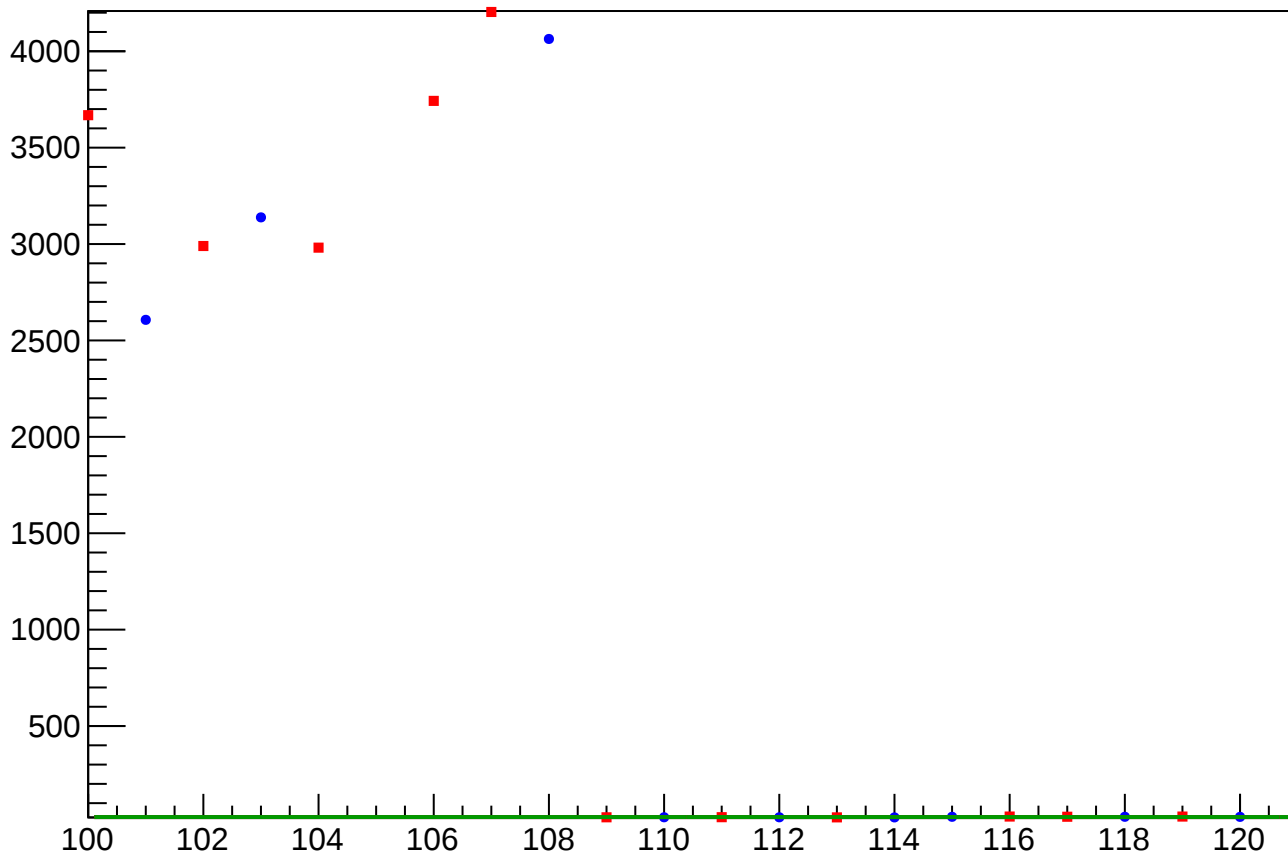
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.606+/-20.039 χ^2/NDF : 12.1/8

14.422+/-13.433 χ^2/NDF : 28.9/20

32.399+/-18.103 χ^2/NDF : 14.6/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.962 $\pm$ 0.014 χ^2 /NDF: 3014533.8/8

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

Right Out: 27.776 $\pm$ 0.013 χ^2 /NDF: 3475474.6/11

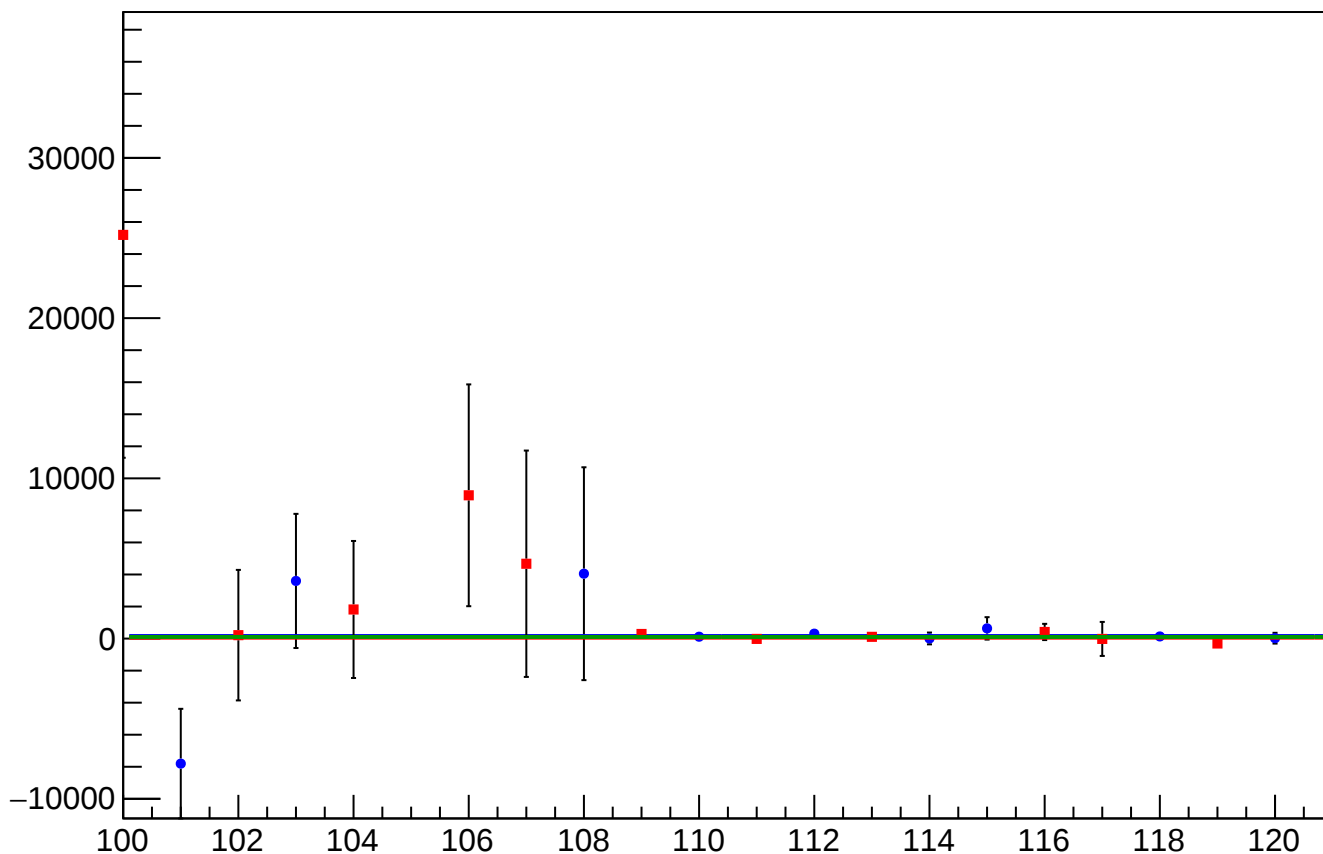
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.962 $\pm$ 0.014 χ^2 /NDF: 3014533.8/8

27.859 $\pm$ 0.009 χ^2 /NDF: 6490103.2/20

27.776 $\pm$ 0.013 χ^2 /NDF: 3475474.6/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 158.228+/-114.220 χ^2/NDF : 7.7/8

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

Right Out: 58.518+/-101.525 χ^2/NDF : 9.3/11

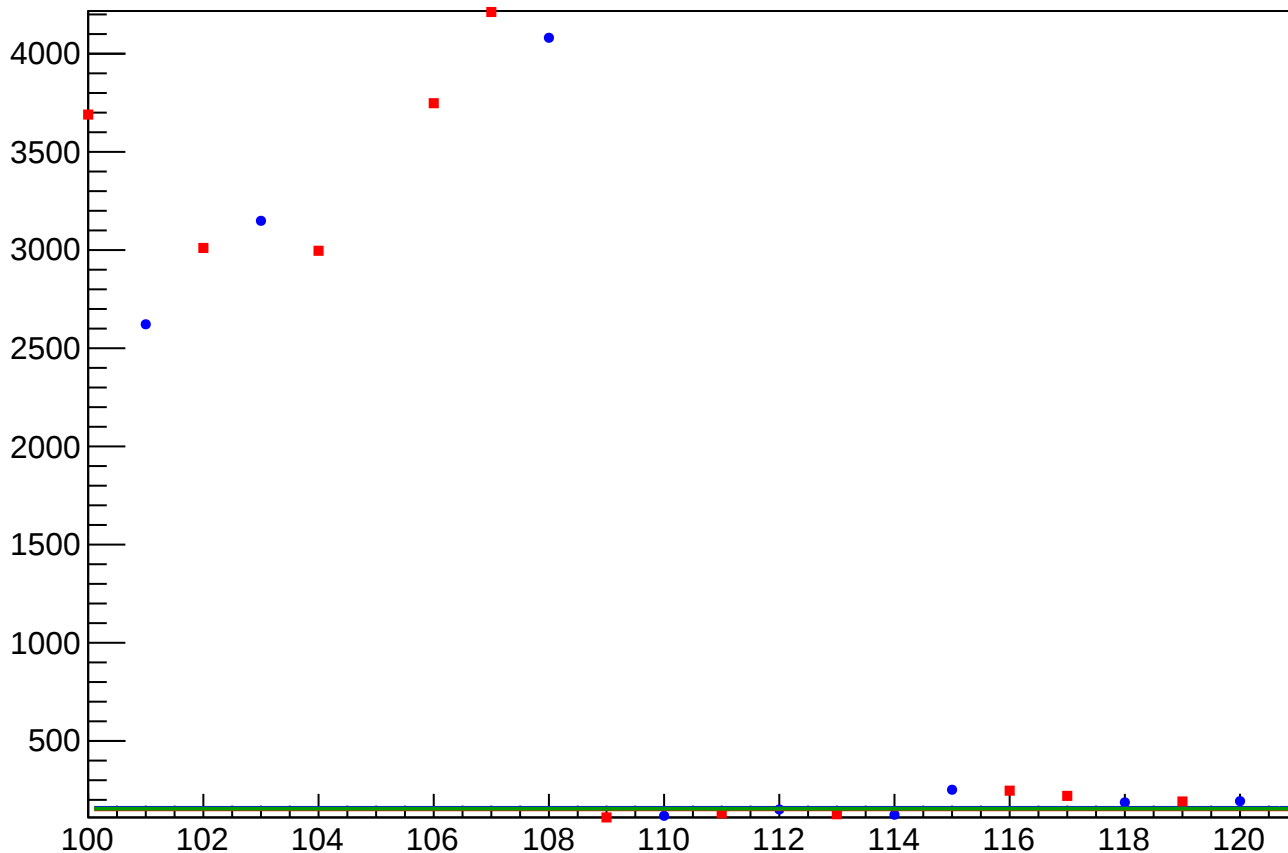
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

158.228+/-114.220 χ^2/NDF : 7.7/8

102.526+/-75.882 χ^2/NDF : 17.5/20

58.518+/-101.525 χ^2/NDF : 9.3/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.081 χ^2 /NDF: 2930290.7/8

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

Right Out: 152.286 $\pm$ 0.072 χ^2 /NDF: 3541665.7/11

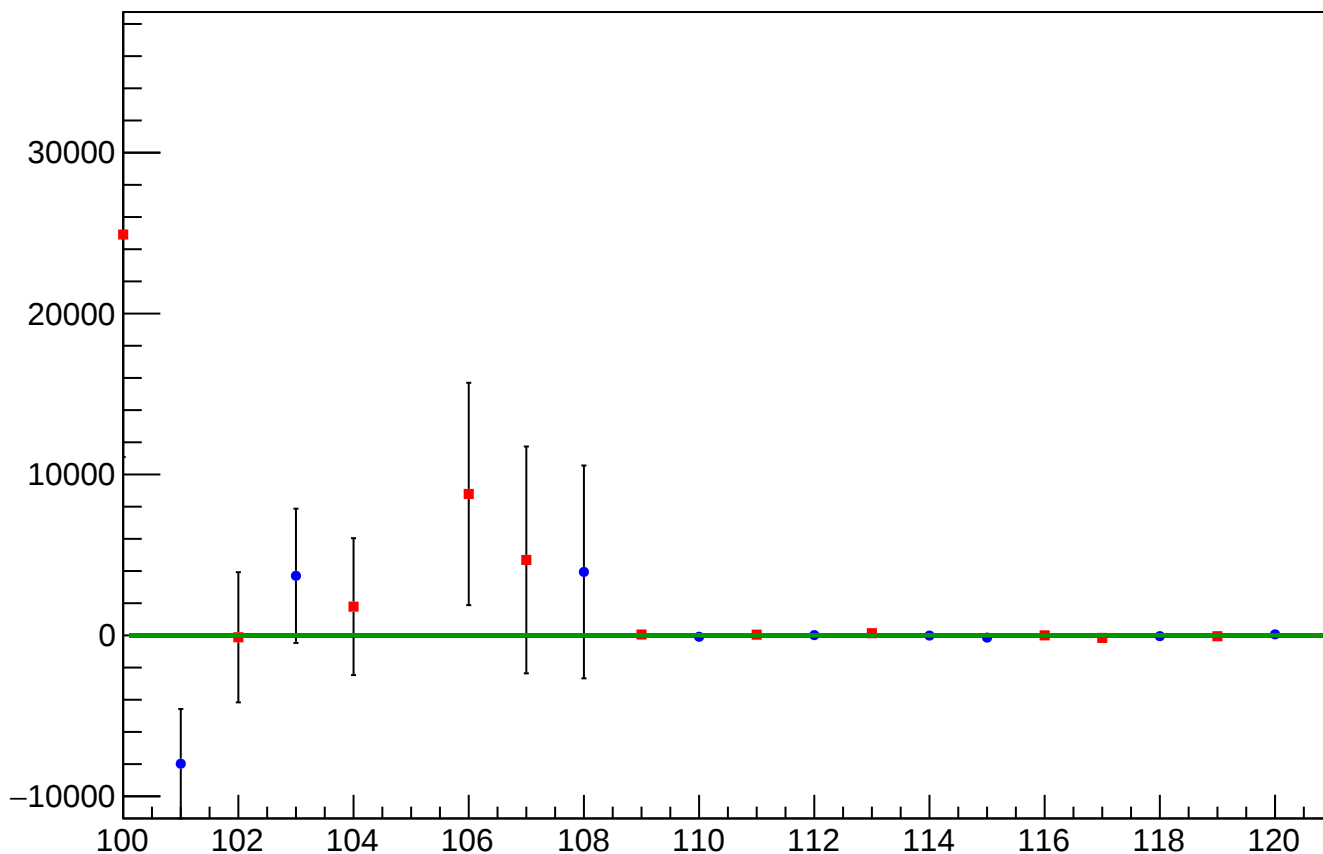
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

158.772 $\pm$ 0.081 χ^2 /NDF: 2930290.7/8

155.148 $\pm$ 0.054 χ^2 /NDF: 6475559.4/20

152.286 $\pm$ 0.072 χ^2 /NDF: 3541665.7/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -23.318 $\pm$ 24.397 χ^2 /NDF: 12.5/8

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

Right Out: 18.269 $\pm$ 21.980 χ^2 /NDF: 17.7/11

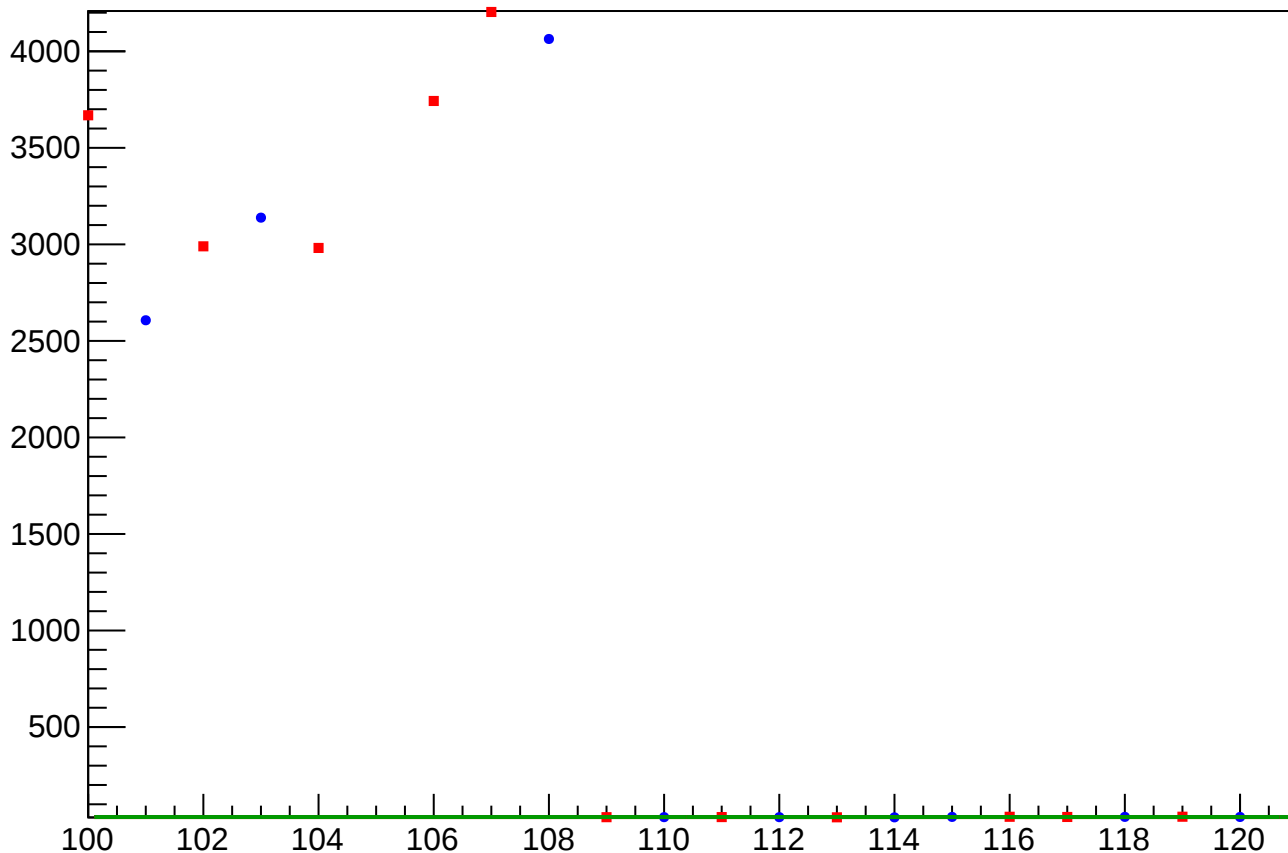
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-23.318 $\pm$ 24.397 χ^2 /NDF: 12.5/8

-0.364 $\pm$ 16.330 χ^2 /NDF: 31.9/20

18.269 $\pm$ 21.980 χ^2 /NDF: 17.7/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.137 $\pm$ 0.017 χ^2 /NDF: 2996271.5/8

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

Right Out: 33.831 $\pm$ 0.016 χ^2 /NDF: 3449874.7/11

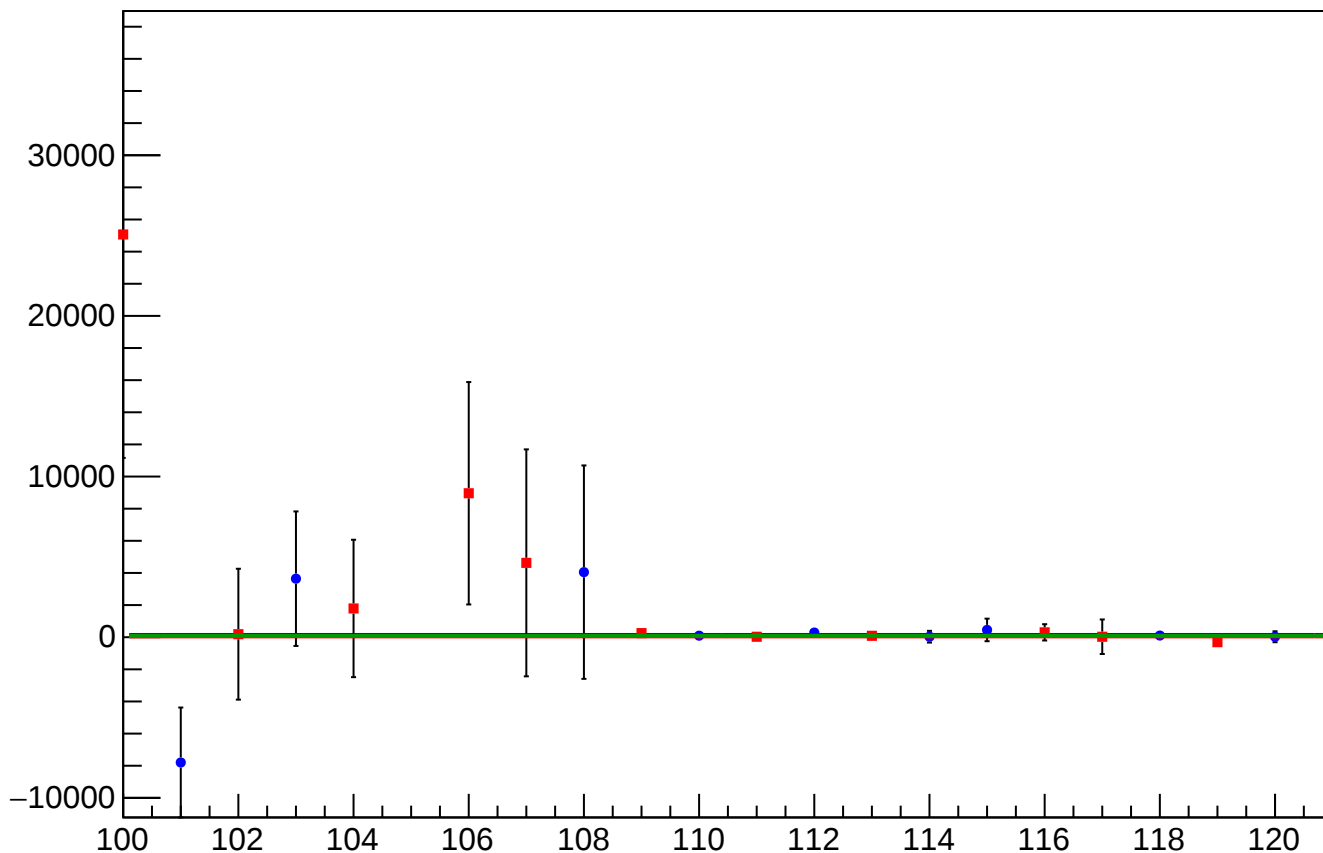
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.137 $\pm$ 0.017 χ^2 /NDF: 2996271.5/8

33.968 $\pm$ 0.012 χ^2 /NDF: 6446319.6/20

33.831 $\pm$ 0.016 χ^2 /NDF: 3449874.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 139.021+/-113.440 χ^2/NDF : 7.4/8

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

Right Out: 51.291+/-100.702 χ^2/NDF : 8.7/11

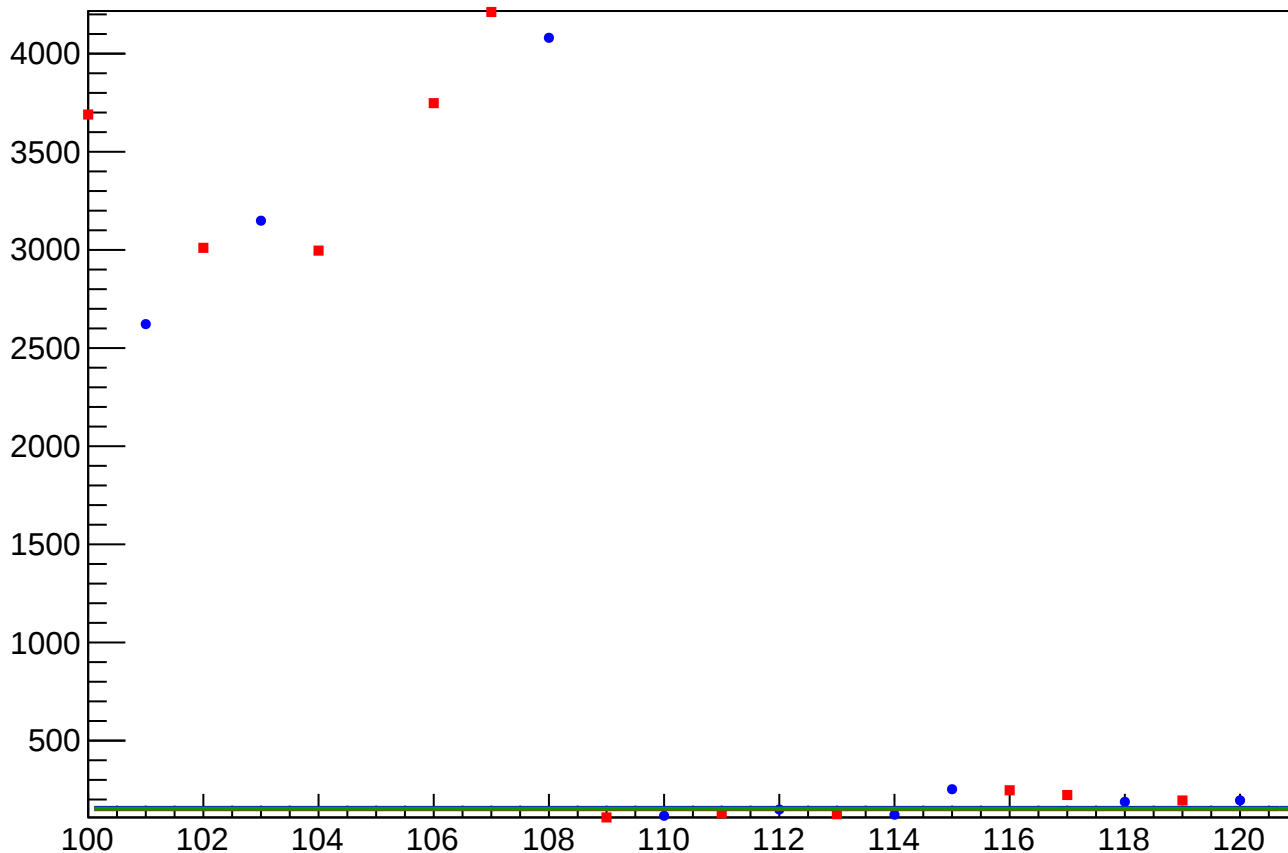
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.021+/-113.440 χ^2/NDF : 7.4/8

89.956+/-75.309 χ^2/NDF : 16.4/20

51.291+/-100.702 χ^2/NDF : 8.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 157.347+/-0.080 χ^2/NDF : 2946871.1/8

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

Right Out: 150.604+/-0.071 χ^2/NDF : 3566469.7/11

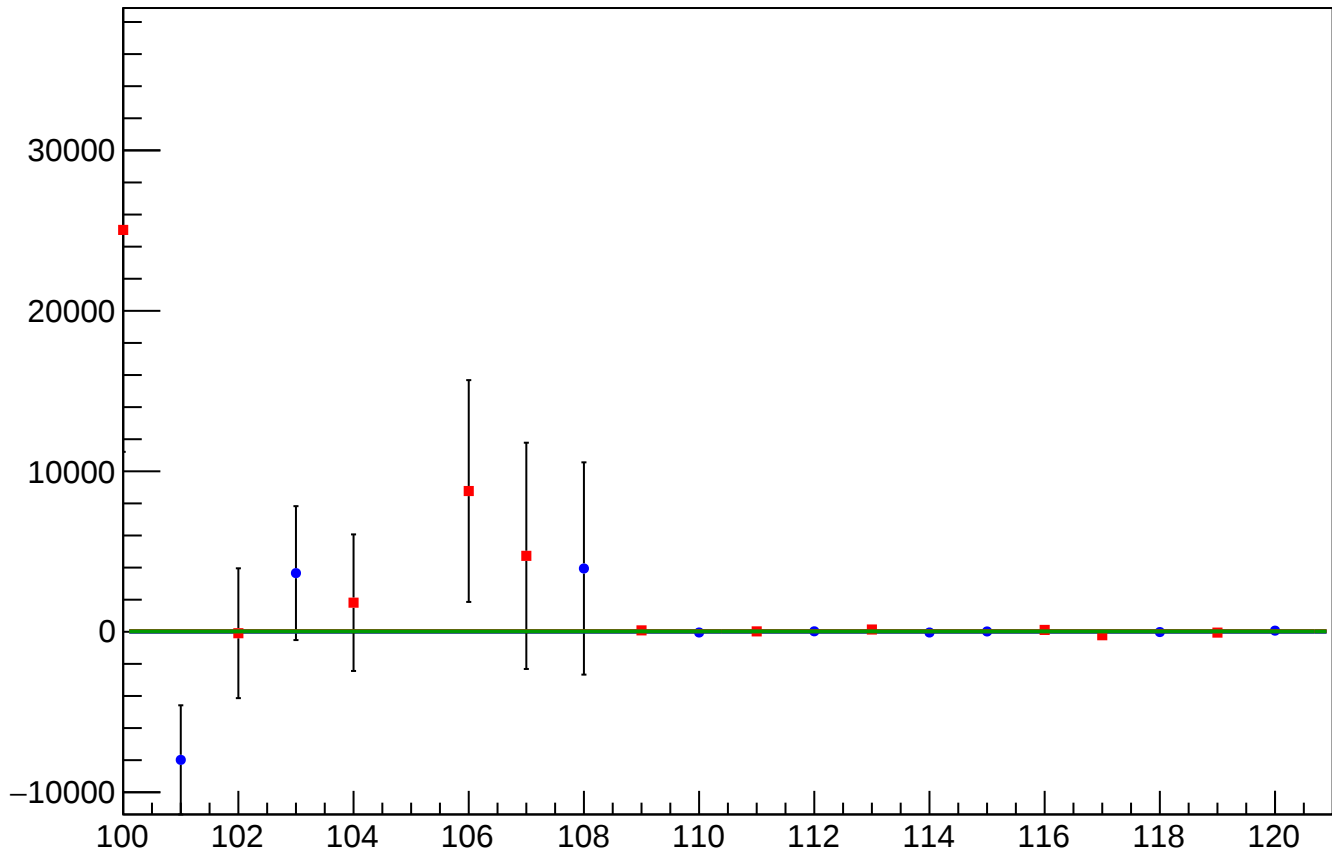
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

157.347+/-0.080 χ^2/NDF : 2946871.1/8

153.576+/-0.053 χ^2/NDF : 6517292.2/20

150.604+/-0.071 χ^2/NDF : 3566469.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.606+/-22.533 χ^2/NDF : 9.9/8

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

Right Out: 40.254+/-20.243 χ^2/NDF : 20.3/11

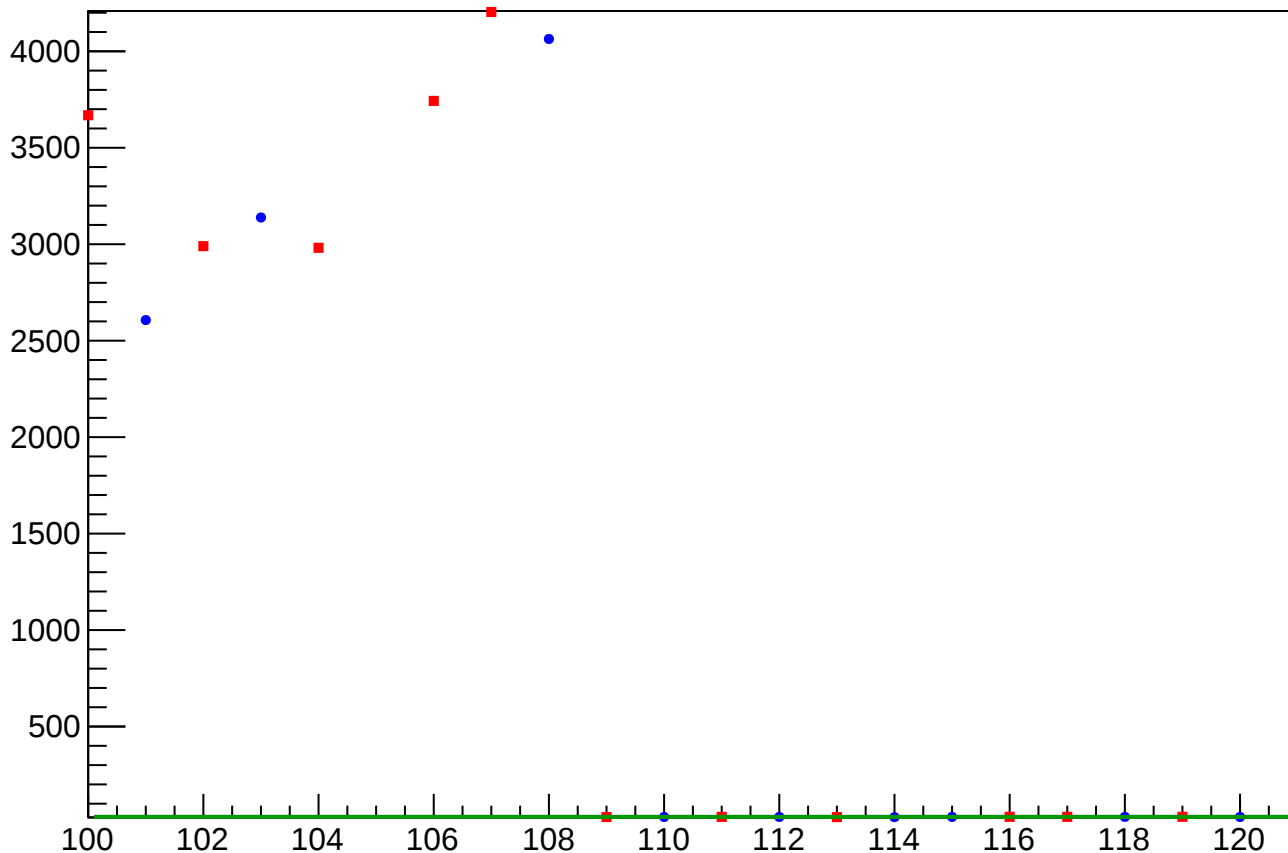
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.606+/-22.533 χ^2/NDF : 9.9/8

24.780+/-15.059 χ^2/NDF : 31.5/20

40.254+/-20.243 χ^2/NDF : 20.3/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.513+/-0.016 χ^2/NDF : 2999788.9/8

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

Right Out: 31.135+/-0.014 χ^2/NDF : 3454997.9/11

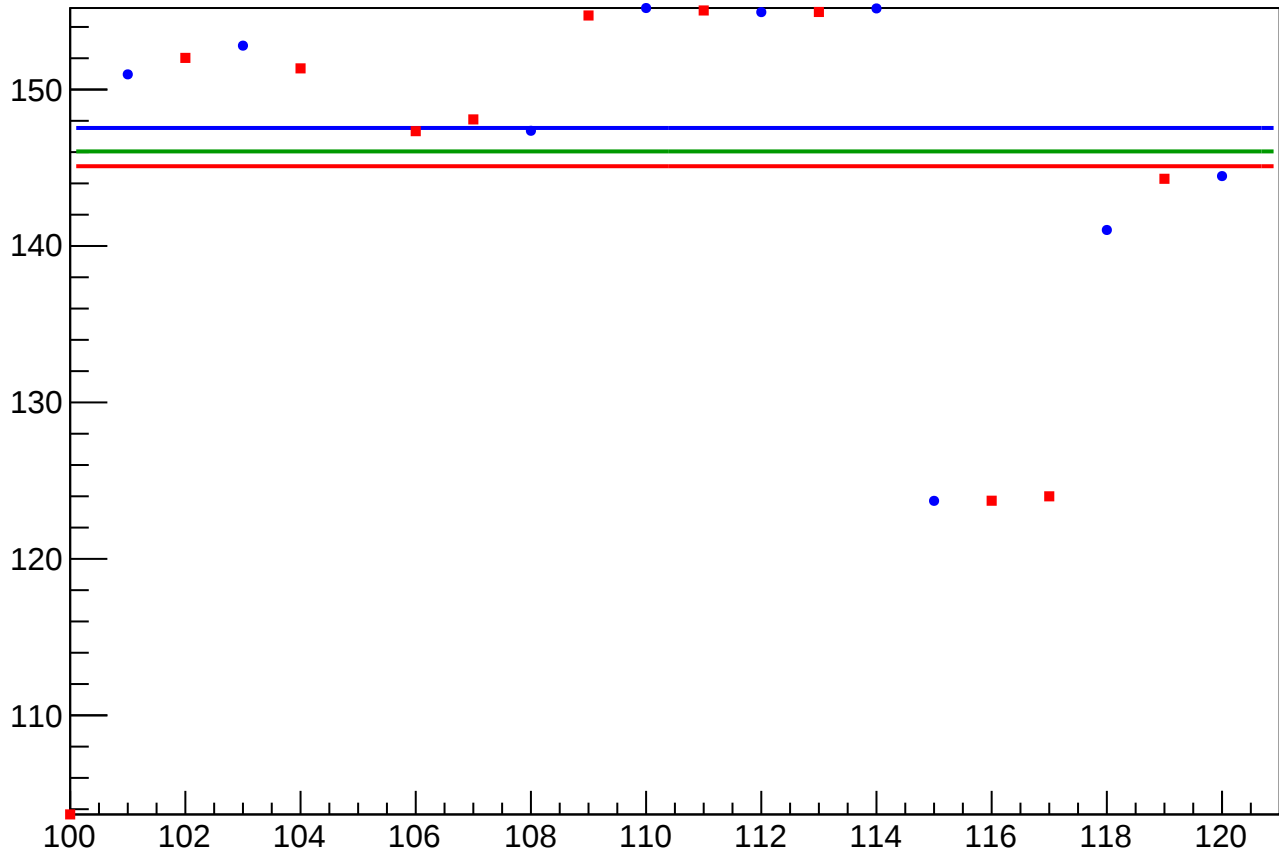
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.513+/-0.016 χ^2/NDF : 2999788.9/8

31.304+/-0.011 χ^2/NDF : 6455098.4/20

31.135+/-0.014 χ^2/NDF : 3454997.9/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 147.544+/-0.000 χ^2/NDF : 1812284802.4/8

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

Right Out: 145.098+/-0.000 χ^2/NDF : 4240763792.5/11

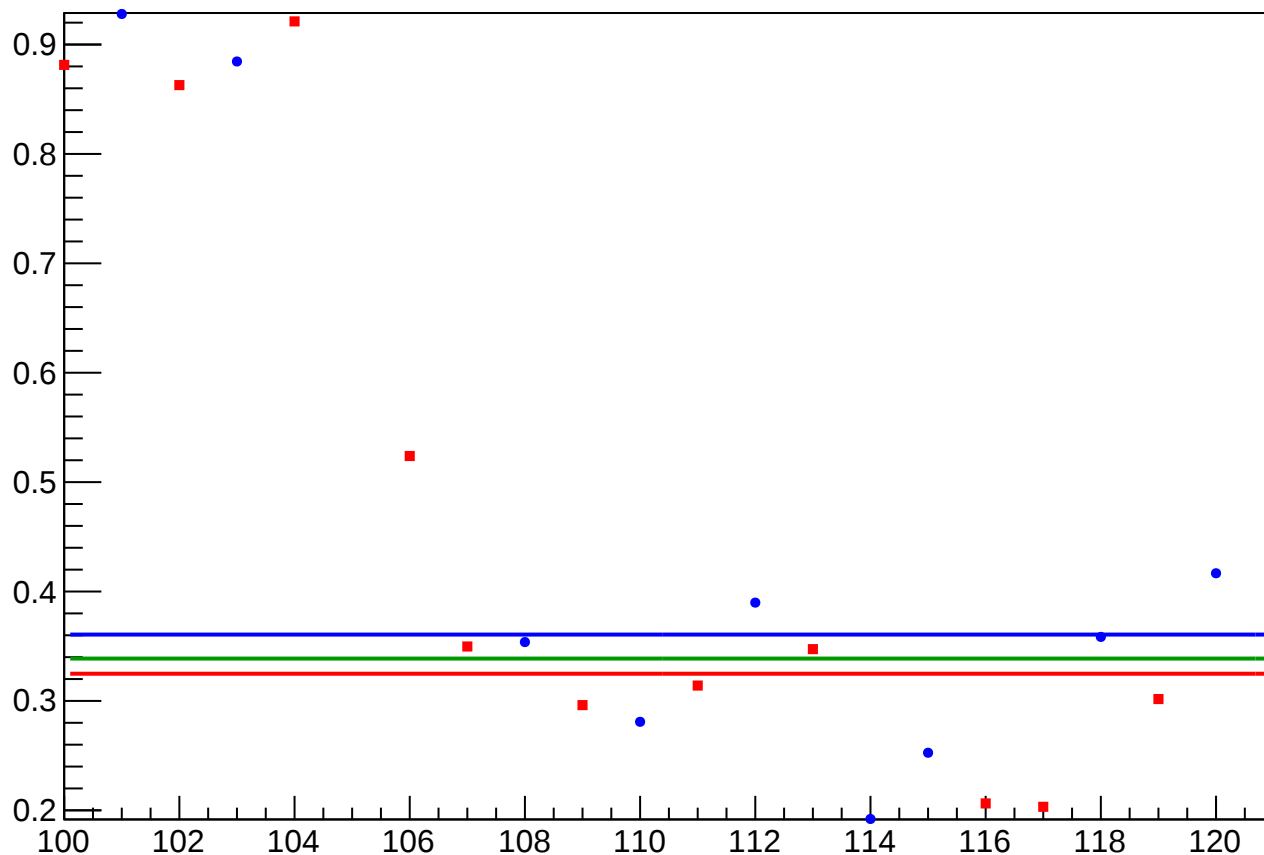
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.544+/-0.000 χ^2/NDF : 1812284802.4/8

146.045+/-0.000 χ^2/NDF : 6126903620.5/11

145.098+/-0.000 χ^2/NDF : 4240763792.5/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.361+/-0.000 χ^2/NDF : 1065474.3/8

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1135162.1/11

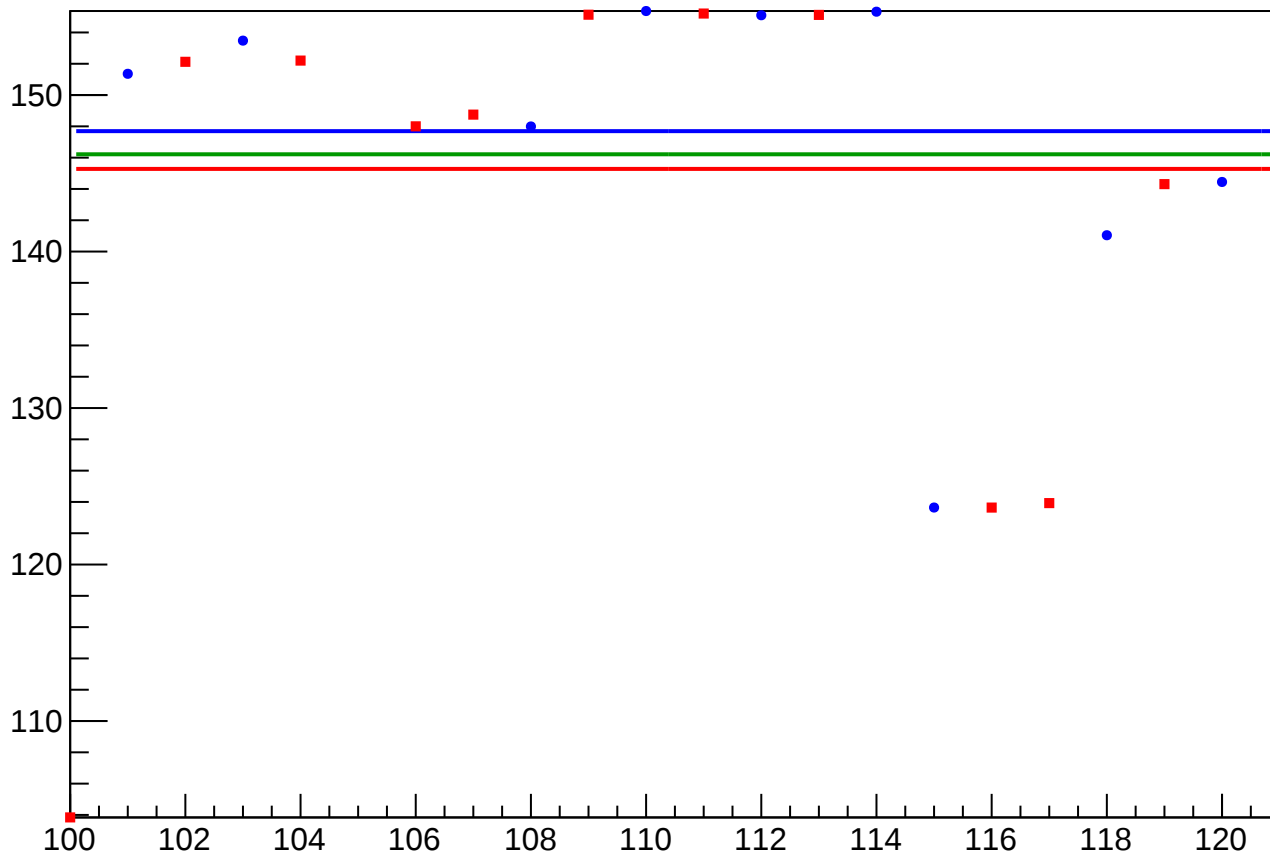
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.361+/-0.000 χ^2/NDF : 1065474.3/8

0.339+/-0.000 χ^2/NDF : 2232268.4/20

0.325+/-0.000 χ^2/NDF : 1135162.1/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 147.694+/-0.000 χ^2/NDF : 1822134699.6/8

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

Right Out: 145.281+/-0.000 χ^2/NDF : 4252619951.9/11

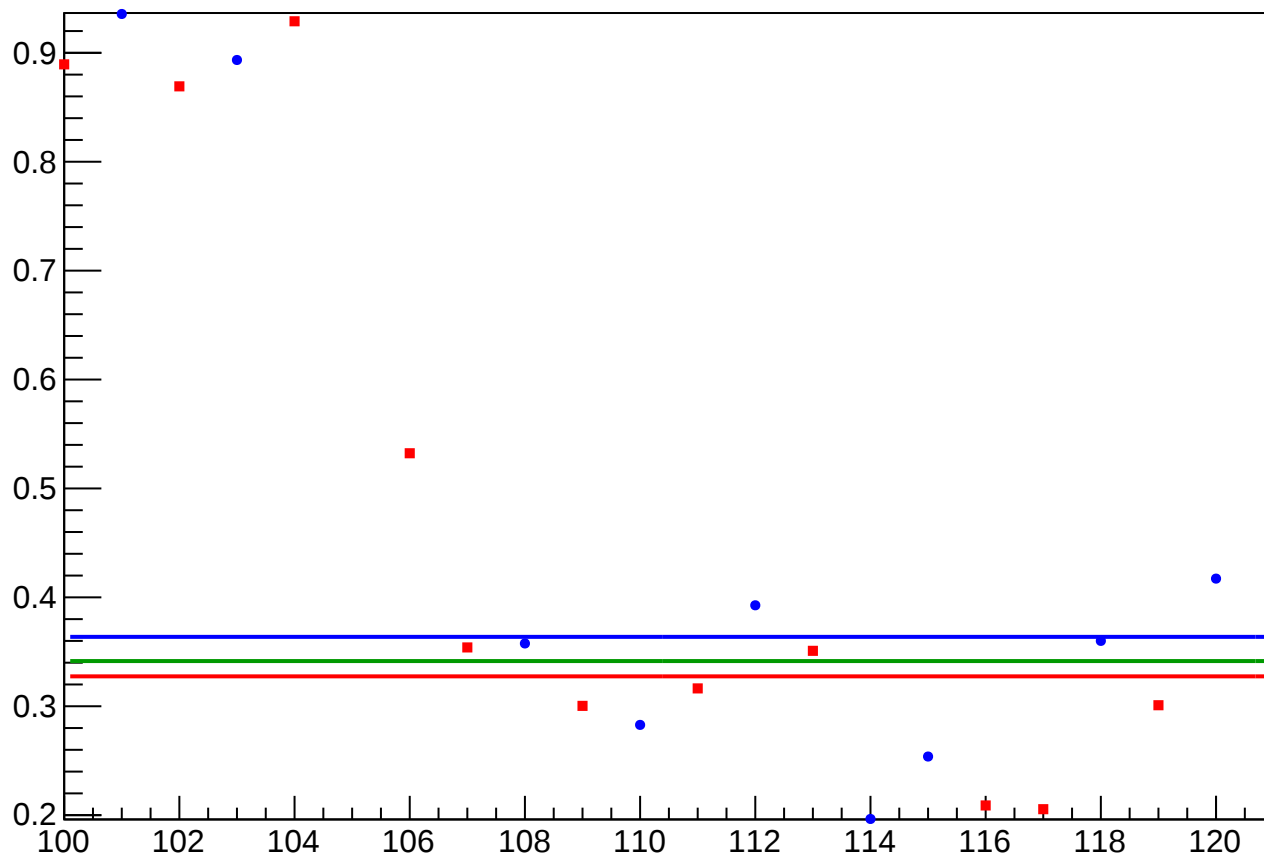
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.694+/-0.000 χ^2/NDF : 1822134699.6/8

146.215+/-0.000 χ^2/NDF : 6145554616.8/11

145.281+/-0.000 χ^2/NDF : 4252619951.9/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.364+/-0.000 χ^2/NDF : 1059977.0/8

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1135334.6/11

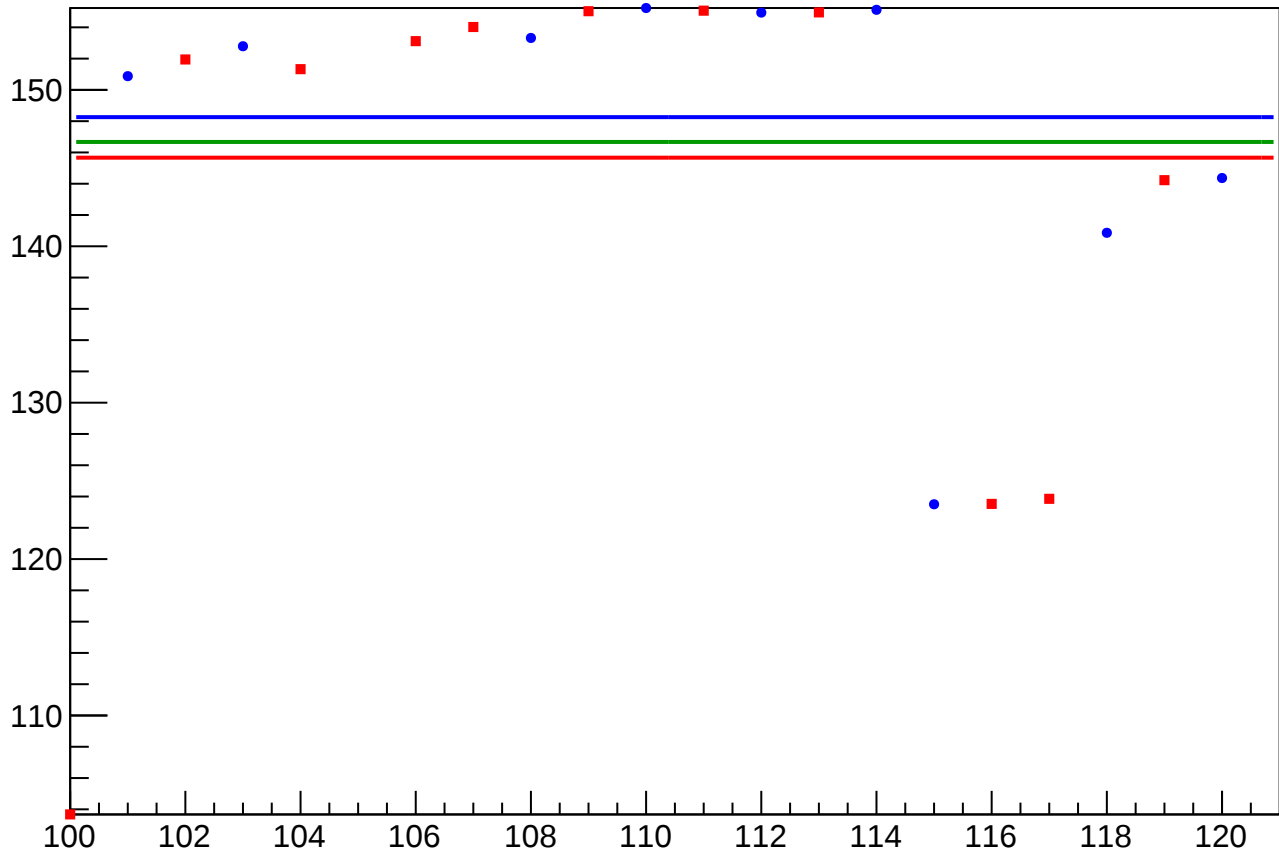
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.364+/-0.000 χ^2/NDF : 1059977.0/8

0.341+/-0.000 χ^2/NDF : 2227296.0/20

0.327+/-0.000 χ^2/NDF : 1135334.6/11

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 148.258+/-0.000 χ^2/NDF : 1908847301.9/8

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

Right Out: 145.666+/-0.000 χ^2/NDF : 4488953047.6/11

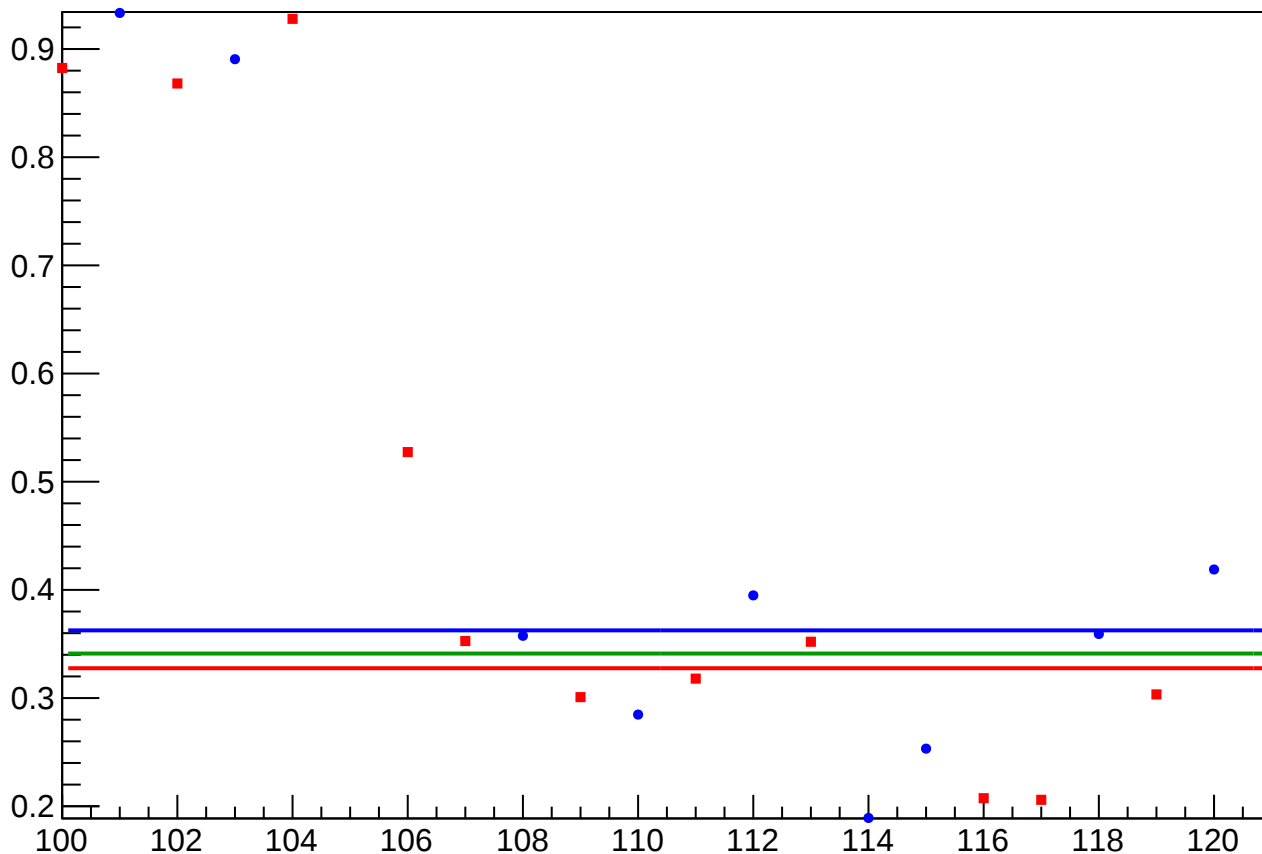
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.258+/-0.000 χ^2/NDF : 1908847301.9/8

146.671+/-0.000 χ^2/NDF : 6479573507.3/8

145.666+/-0.000 χ^2/NDF : 4488953047.6/11

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.363+/-0.000 χ^2/NDF : 1074567.3/8

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

Right Out: 0.328+/-0.000 χ^2/NDF : 1135380.6/11

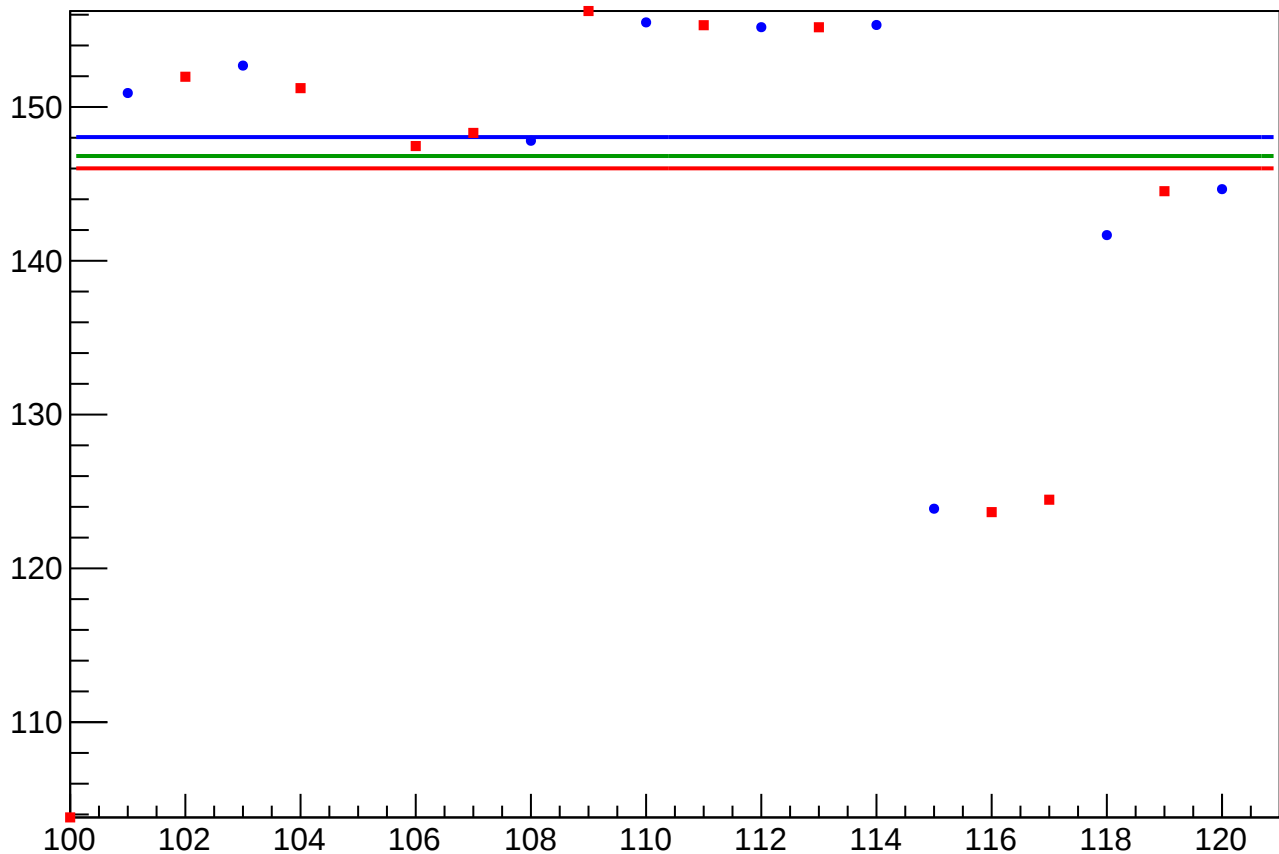
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.363+/-0.000 χ^2/NDF : 1074567.3/8

0.341+/-0.000 χ^2/NDF : 2239780.2/20

0.328+/-0.000 χ^2/NDF : 1135380.6/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 148.043+/-0.000 χ^2/NDF : 1613738662.5/8

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

Right Out: 146.010+/-0.000 χ^2/NDF : 3797270515.3/11

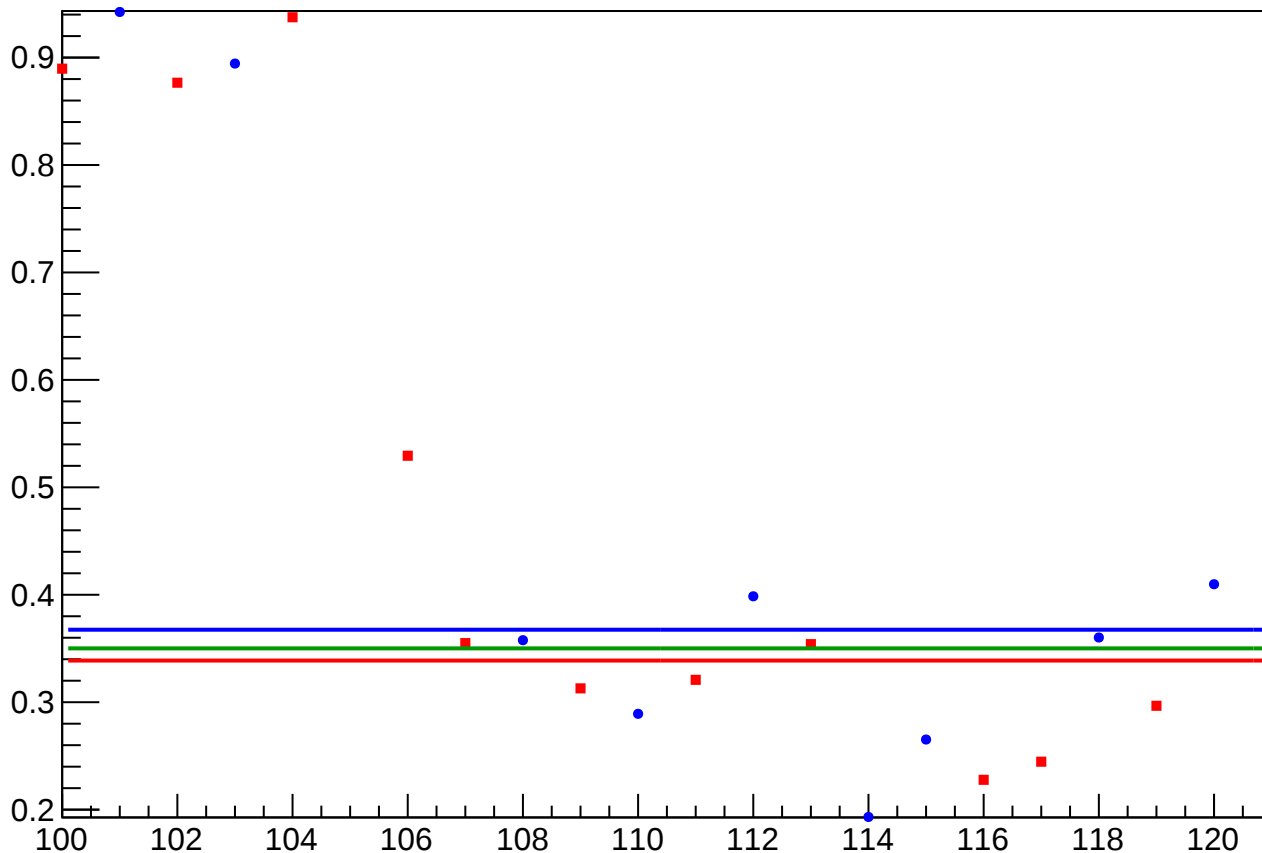
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.043+/-0.000 χ^2/NDF : 1613738662.5/8

146.813+/-0.000 χ^2/NDF : 5459501919.3/11

146.010+/-0.000 χ^2/NDF : 3797270515.3/11

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.367+/-0.000 χ^2/NDF : 1047779.6/8

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

Right Out: 0.339+/-0.000 χ^2/NDF : 1056316.5/11

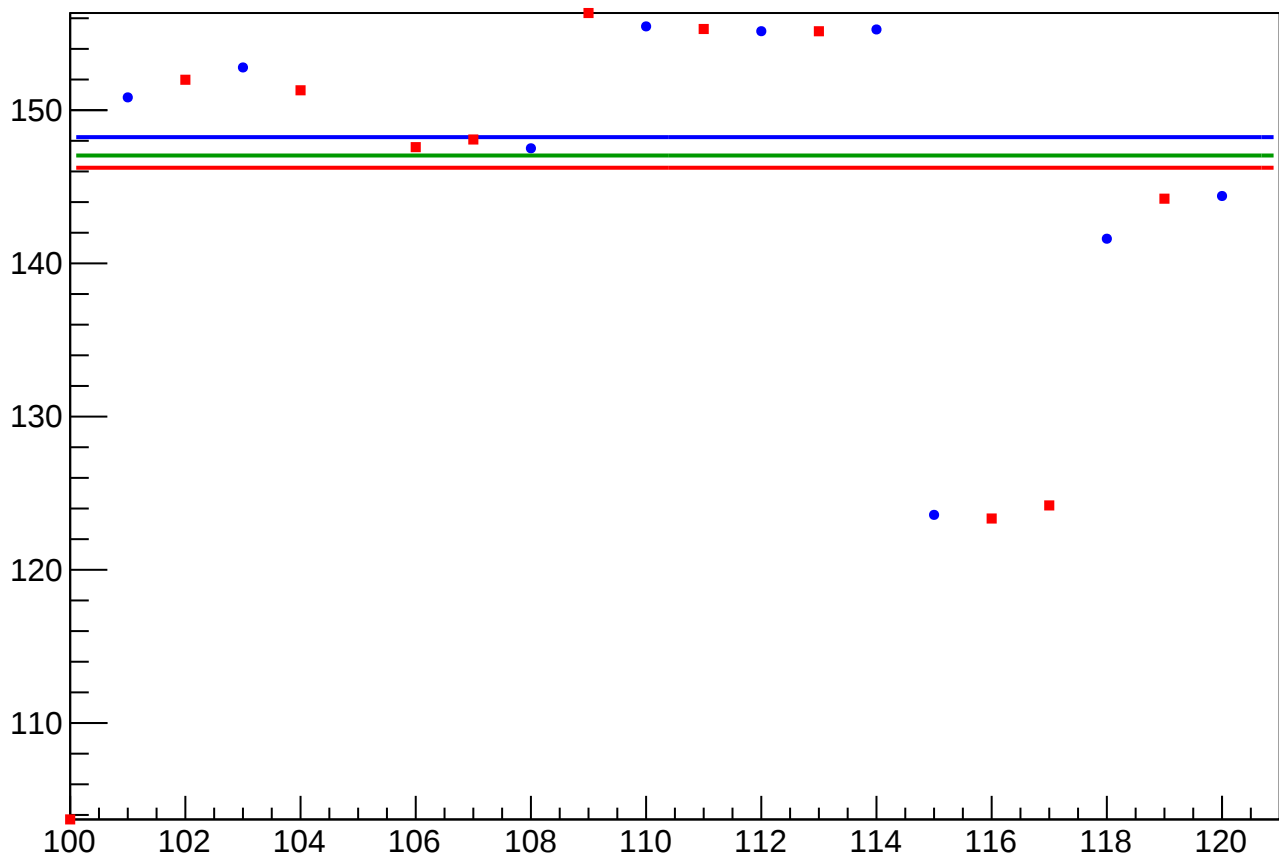
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.367+/-0.000 χ^2/NDF : 1047779.6/8

0.350+/-0.000 χ^2/NDF : 2123442.4/20

0.339+/-0.000 χ^2/NDF : 1056316.5/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 148.240+/-0.000 χ^2/NDF : 1623270961.7/8

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

Right Out: 146.243+/-0.000 χ^2/NDF : 3800753094.4/11

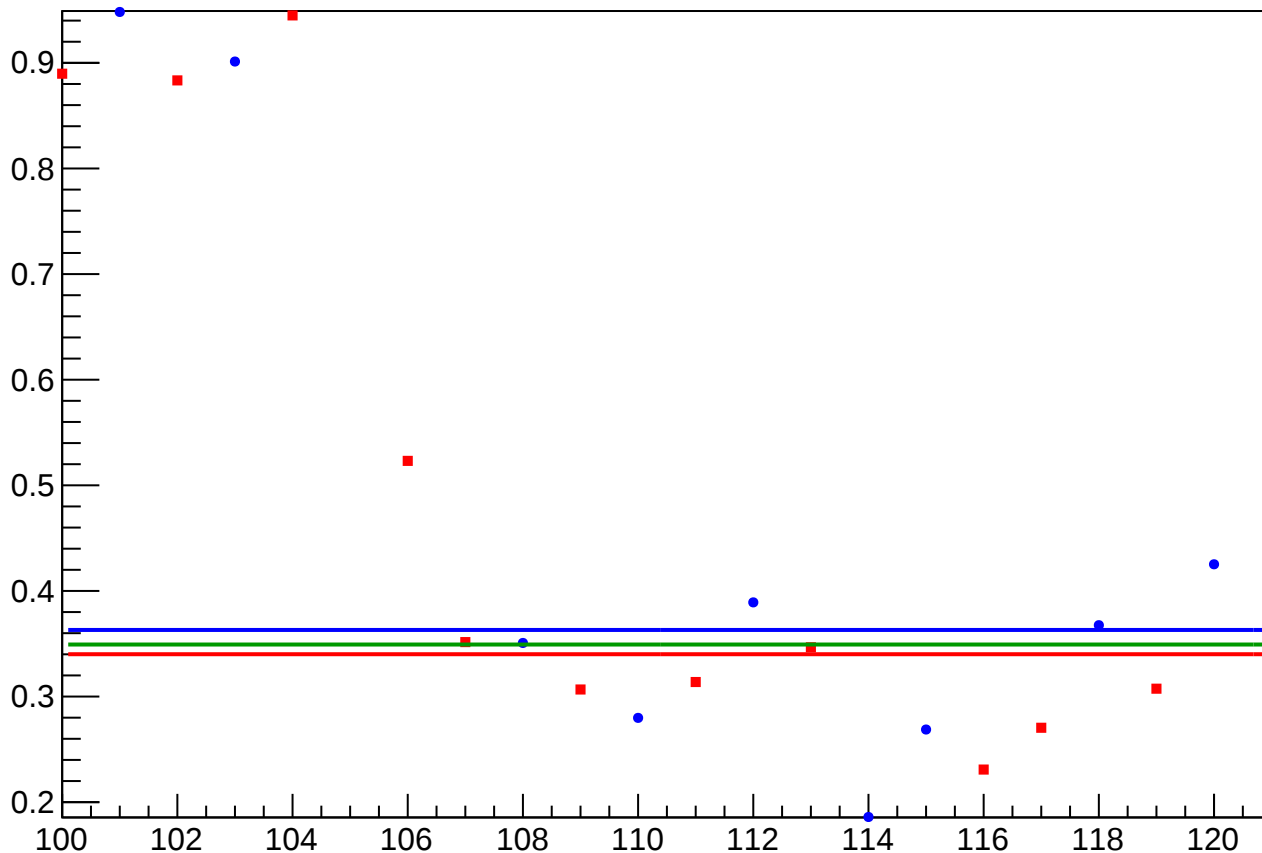
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.240+/-0.000 χ^2/NDF : 1623270961.7/8

147.041+/-0.000 χ^2/NDF : 5471148107.9/11

146.243+/-0.000 χ^2/NDF : 3800753094.4/11

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.363+/-0.000 χ^2/NDF : 1090095.8/8

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

Right Out: 0.340+/-0.000 χ^2/NDF : 1040156.4/11

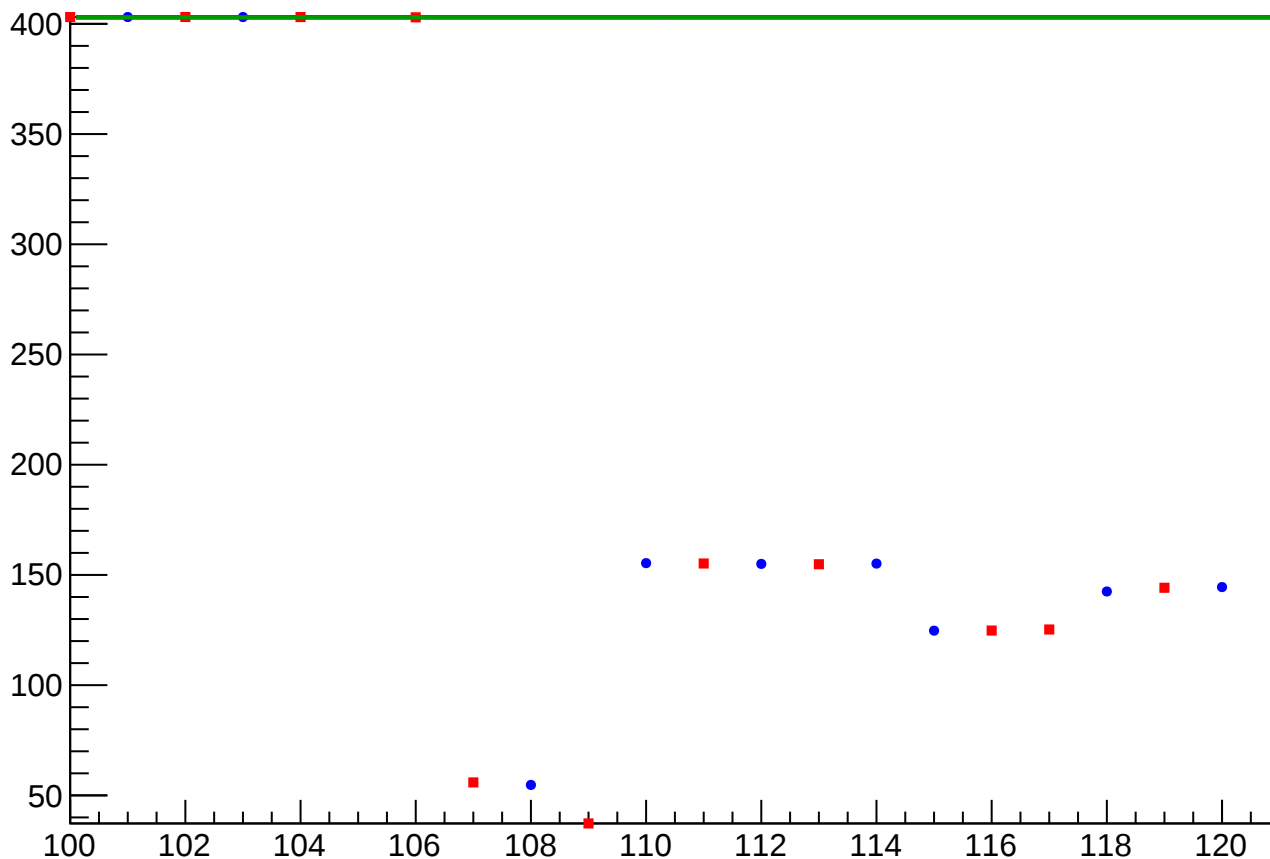
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.363+/-0.000 χ^2/NDF : 1090095.8/8

0.349+/-0.000 χ^2/NDF : 2142723.9/20

0.340+/-0.000 χ^2/NDF : 1040156.4/11

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.034+/-0.000 χ^2/NDF : 477909076966.5/8

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

Right Out: 402.852+/-0.000 χ^2/NDF : 2617483235908.7/11

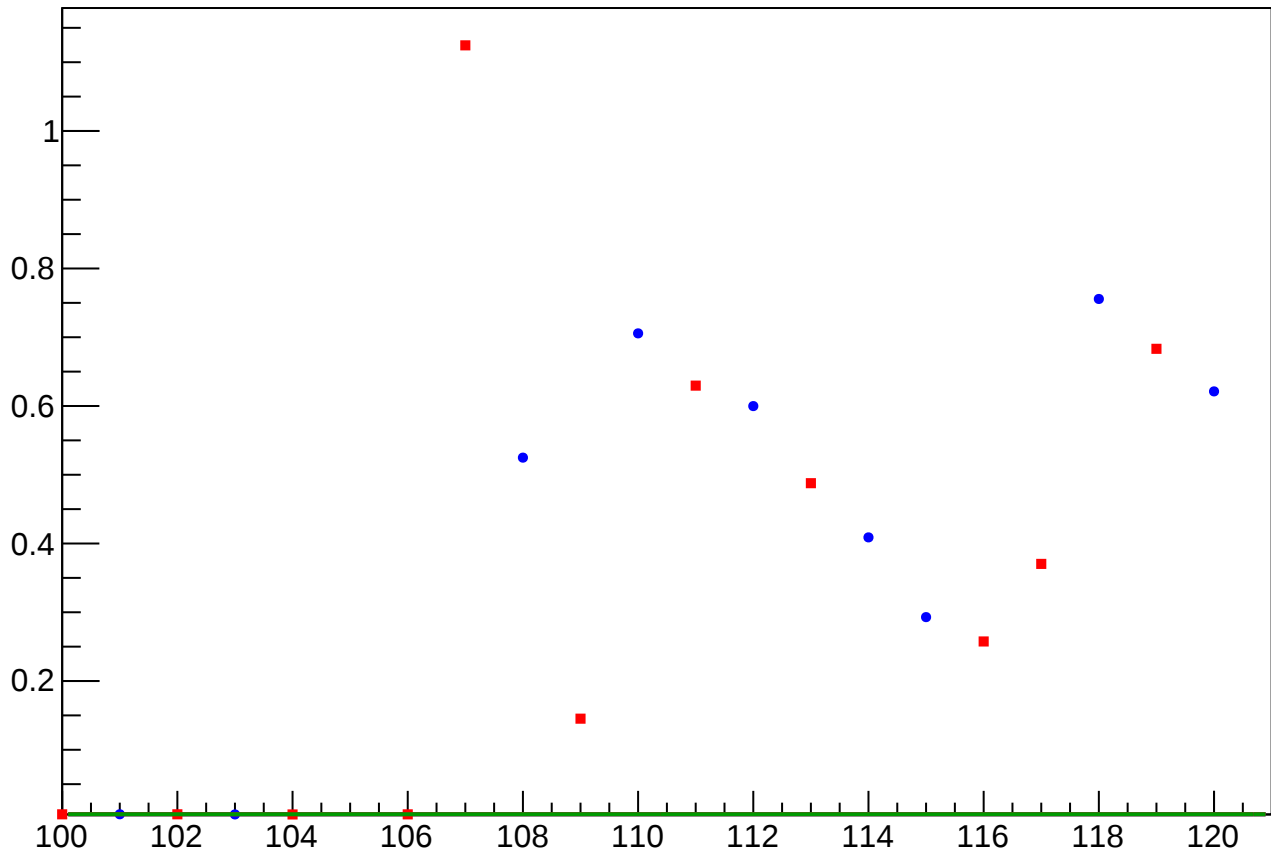
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.034+/-0.000 χ^2/NDF : 477909076966.5/8

402.937+/-0.000 χ^2/NDF : 309594266730

402.852+/-0.000 χ^2/NDF : 2617483235908.7/11

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3677690.9/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 4506865.6/11

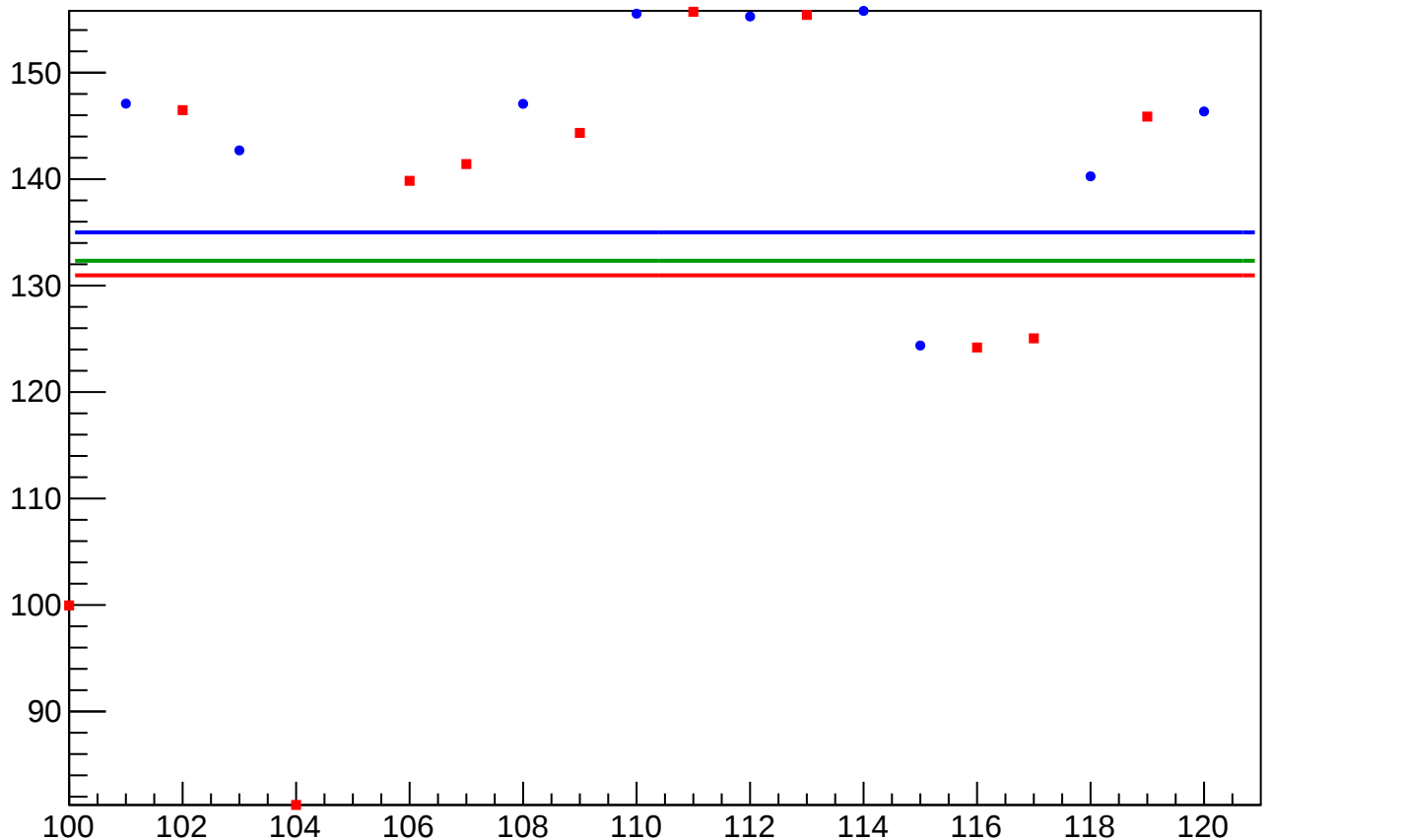
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 3677690.9/8

0.006+/-0.000 χ^2/NDF : 8184590.3/20

0.006+/-0.000 χ^2/NDF : 4506865.6/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 134.999+/-0.001 χ^2/NDF : 456661327.5/8

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

Right Out: 130.961+/-0.000 χ^2/NDF : 890000194.2/11

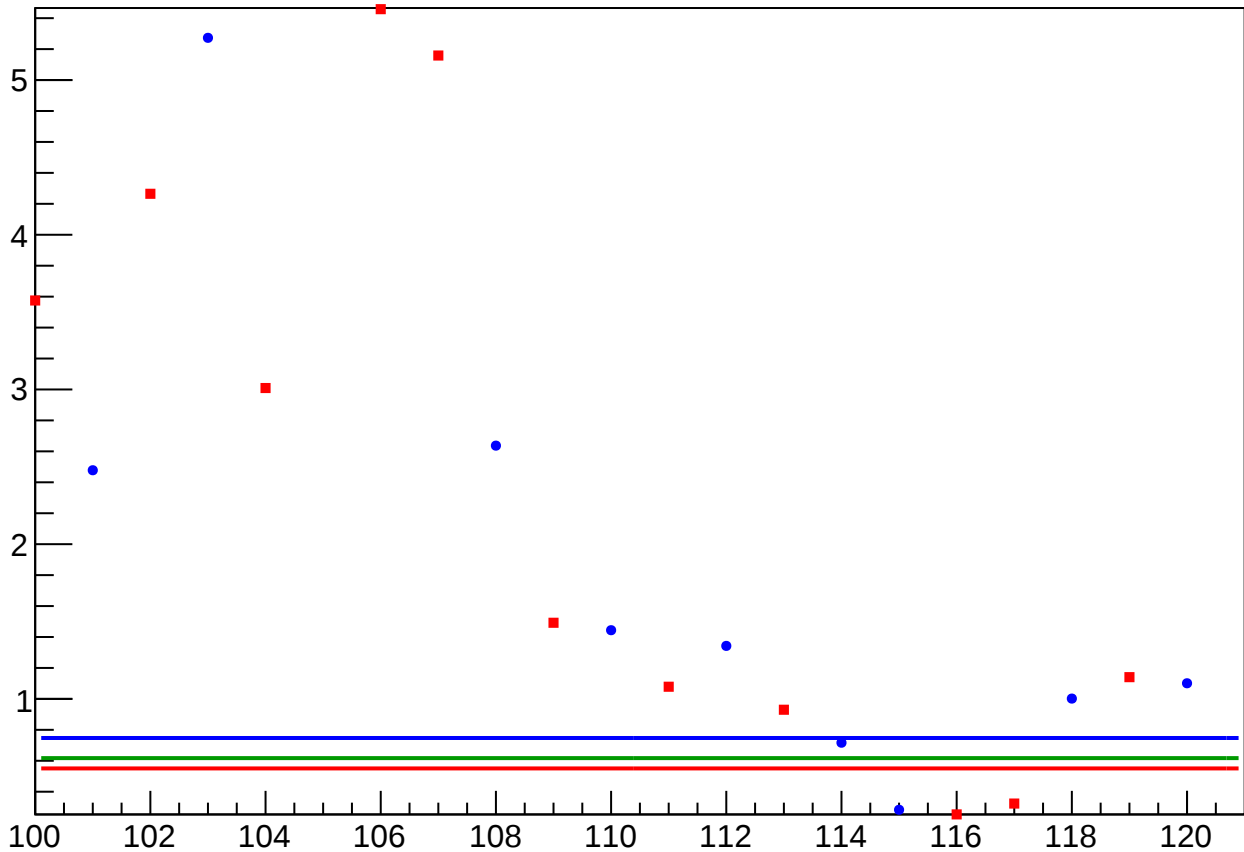
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.999+/-0.001 χ^2/NDF : 456661327.5/8

132.330+/-0.000 χ^2/NDF : 1377421740.0/11

130.961+/-0.000 χ^2/NDF : 890000194.2/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.747+/-0.000 χ^2/NDF : 2731406.4/8

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

Right Out: 0.550+/-0.000 χ^2/NDF : 4066217.7/11

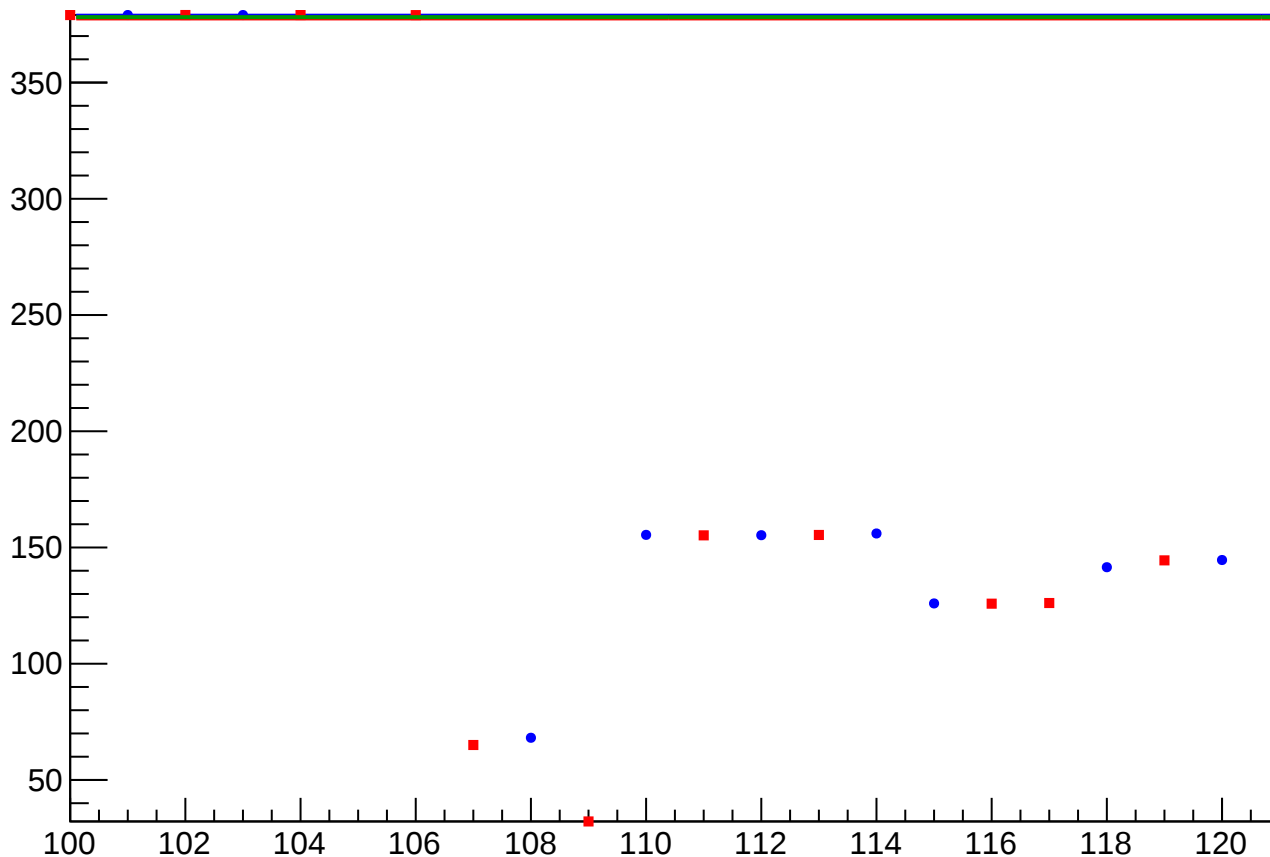
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.747+/-0.000 χ^2/NDF : 2731406.4/8

0.617+/-0.000 χ^2/NDF : 6943671.8/20

0.550+/-0.000 χ^2/NDF : 4066217.7/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.764+/-0.000 χ^2/NDF : 996667009167.6/8

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

Right Out: 377.582+/-0.000 χ^2/NDF : 7242868916681.1/11

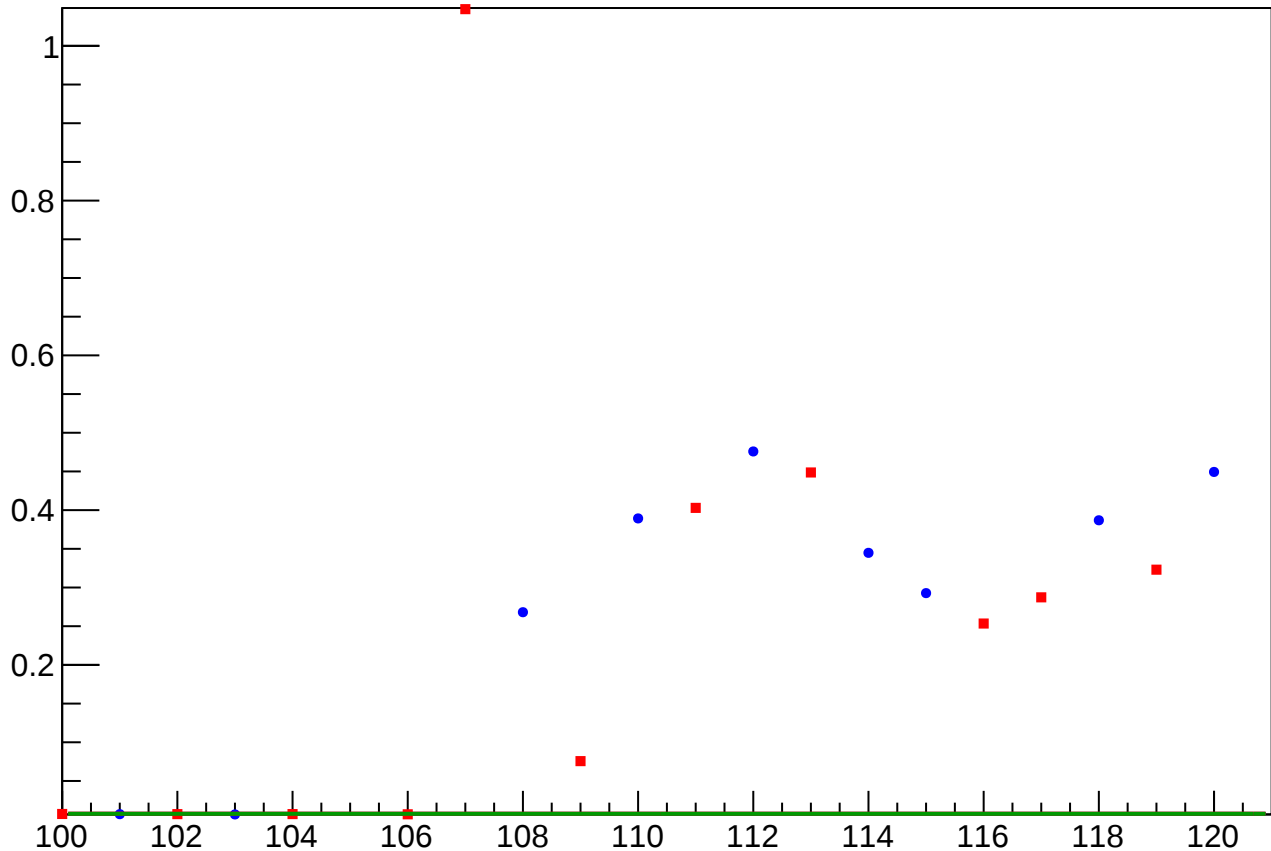
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.764+/-0.000 χ^2/NDF : 996667009167.6/8

378.134+/-0.000 χ^2/NDF : 824942530623

377.582+/-0.000 χ^2/NDF : 7242868916681.1/11

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3919608.7/8

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4592677.7/11

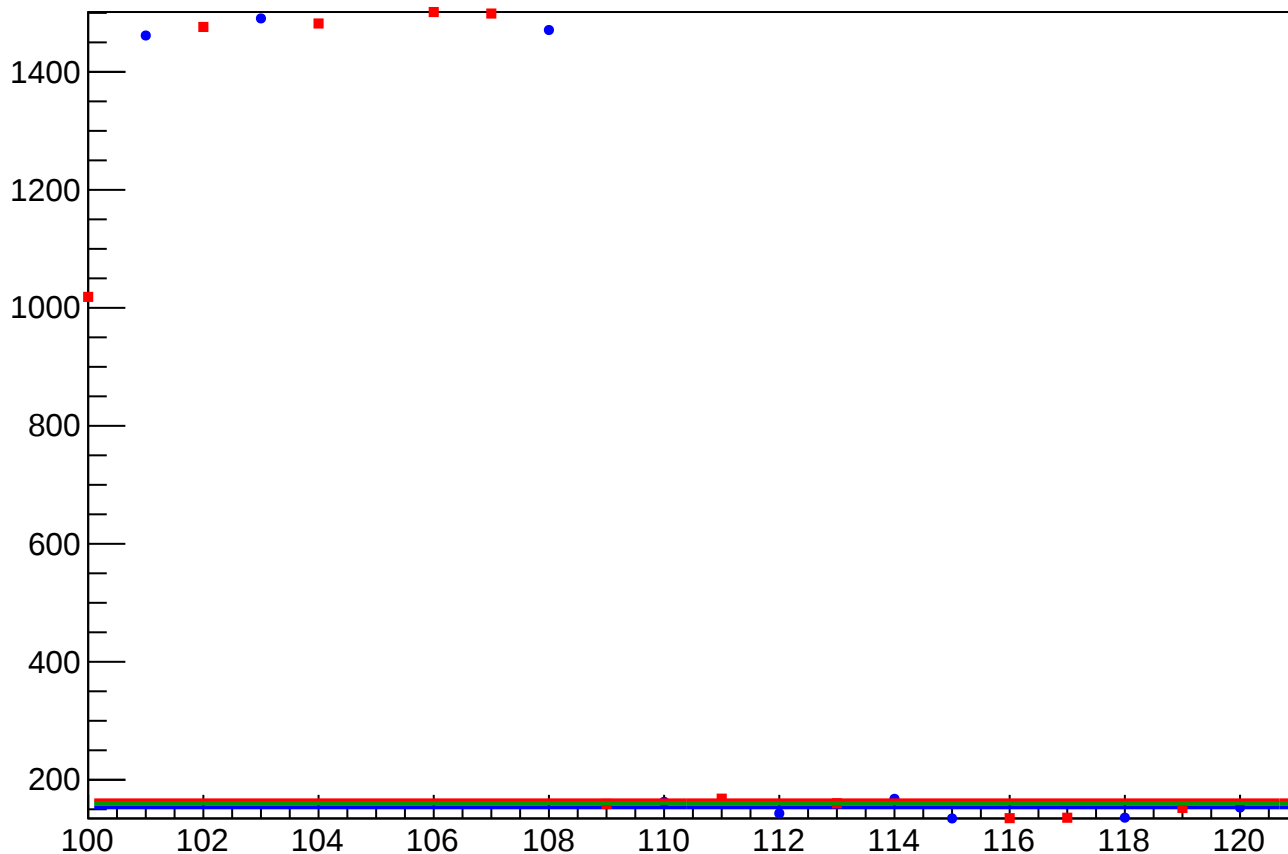
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 3919608.7/8

0.008+/-0.000 χ^2/NDF : 8513126.3/20

0.008+/-0.000 χ^2/NDF : 4592677.7/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 153.365+/-0.001 χ^2/NDF : 24057260774.2/8

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

Right Out: 165.088+/-0.001 χ^2/NDF : 32844873399.1/11

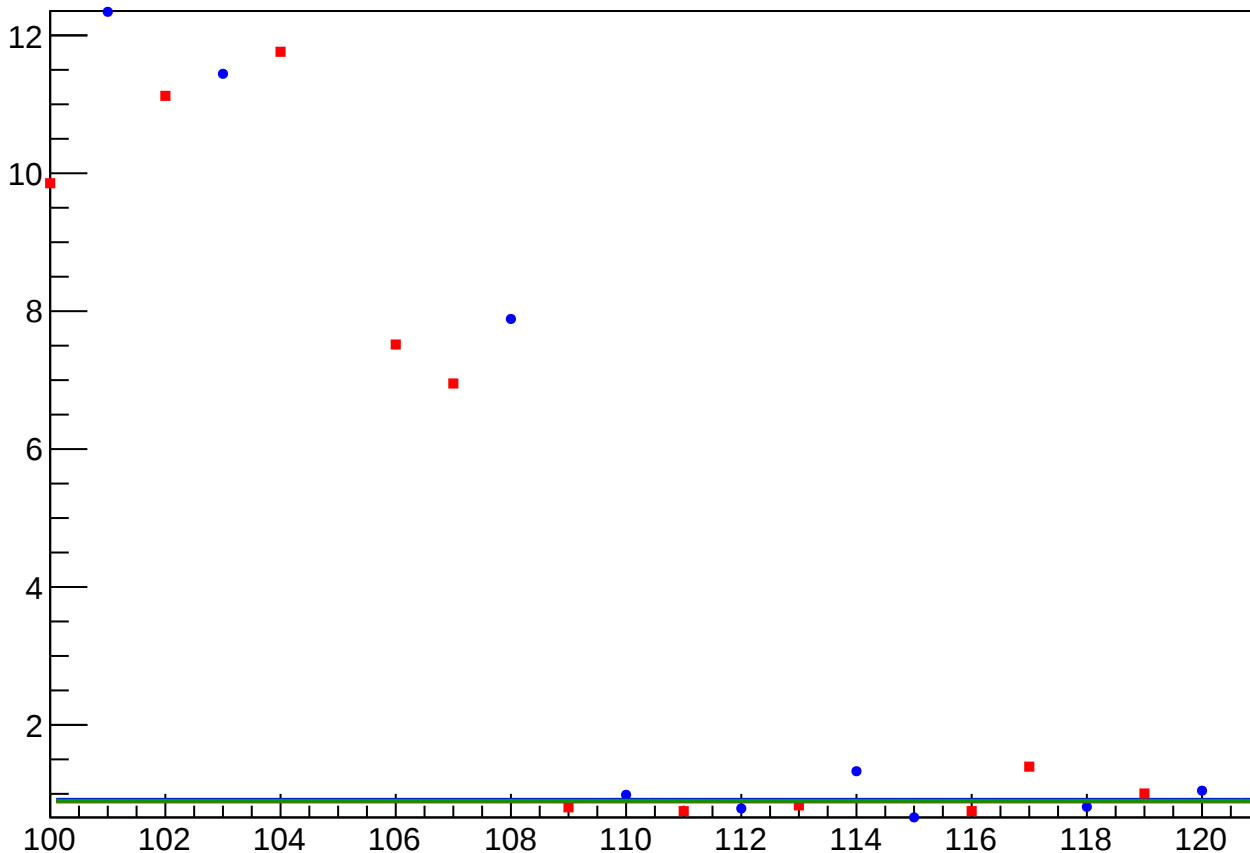
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.365+/-0.001 χ^2/NDF : 24057260774.2/8

160.125+/-0.000 χ^2/NDF : 57060342881.6

165.088+/-0.001 χ^2/NDF : 32844873399.1/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.913+/-0.001 χ^2/NDF : 2536450.4/8

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

Right Out: 0.890+/-0.000 χ^2/NDF : 2690133.1/11

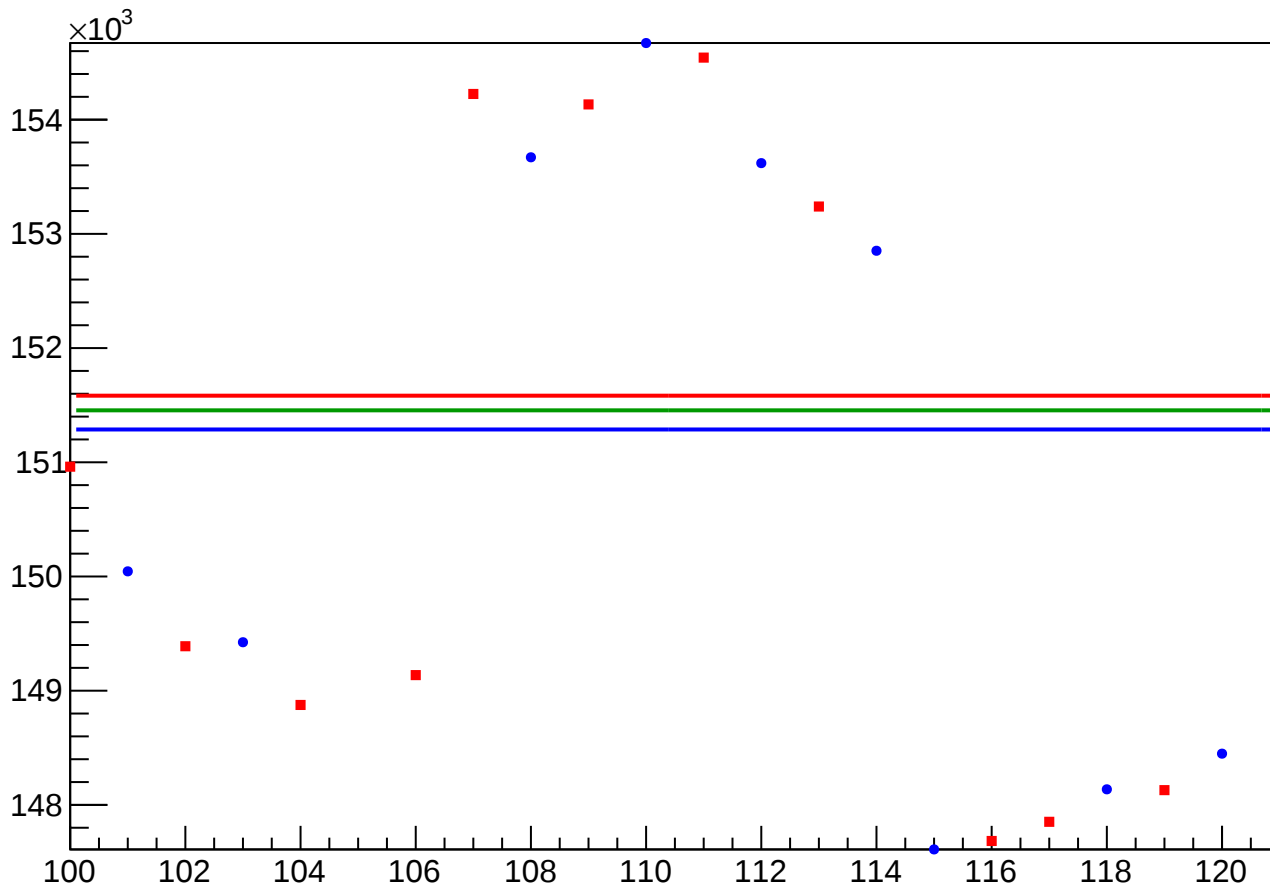
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.913+/-0.001 χ^2/NDF : 2536450.4/8

0.900+/-0.000 χ^2/NDF : 5227770.9/20

0.890+/-0.000 χ^2/NDF : 2690133.1/11

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 151287.259 $\pm$ 0.084 χ^2 /NDF: 1121611823.6/8

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

Right Out: 151583.173 $\pm$ 0.074 χ^2 /NDF: 1508934164.7/11

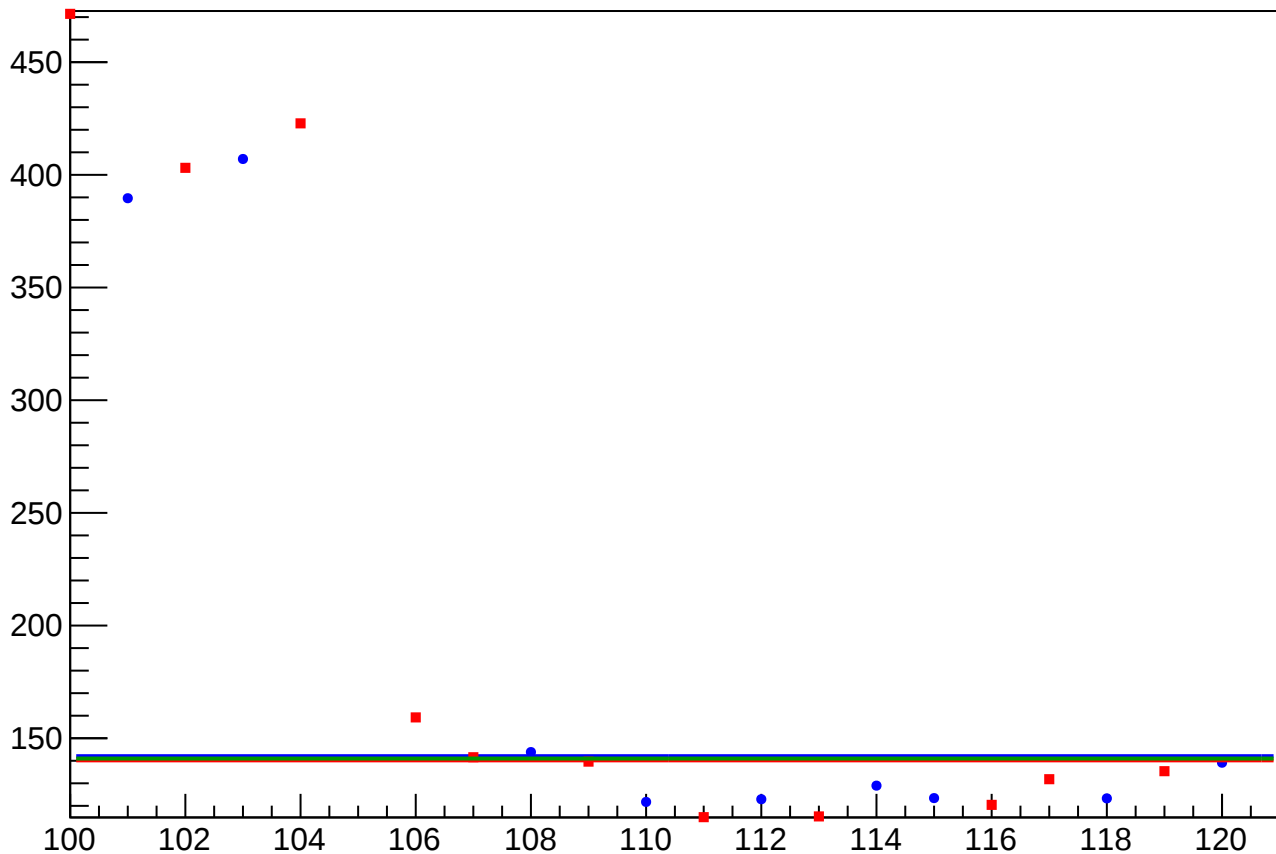
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

151287.259 $\pm$ 0.084 χ^2 /NDF: 1121611823.6/8

151454.866 $\pm$ 0.056 χ^2 /NDF: 263749794

151583.173 $\pm$ 0.074 χ^2 /NDF: 1508934164.7/11

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 142.039 $\pm$ 0.060 χ^2 /NDF: 1023774.1/8

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

Right Out: 140.191 $\pm$ 0.052 χ^2 /NDF: 1075884.7/11

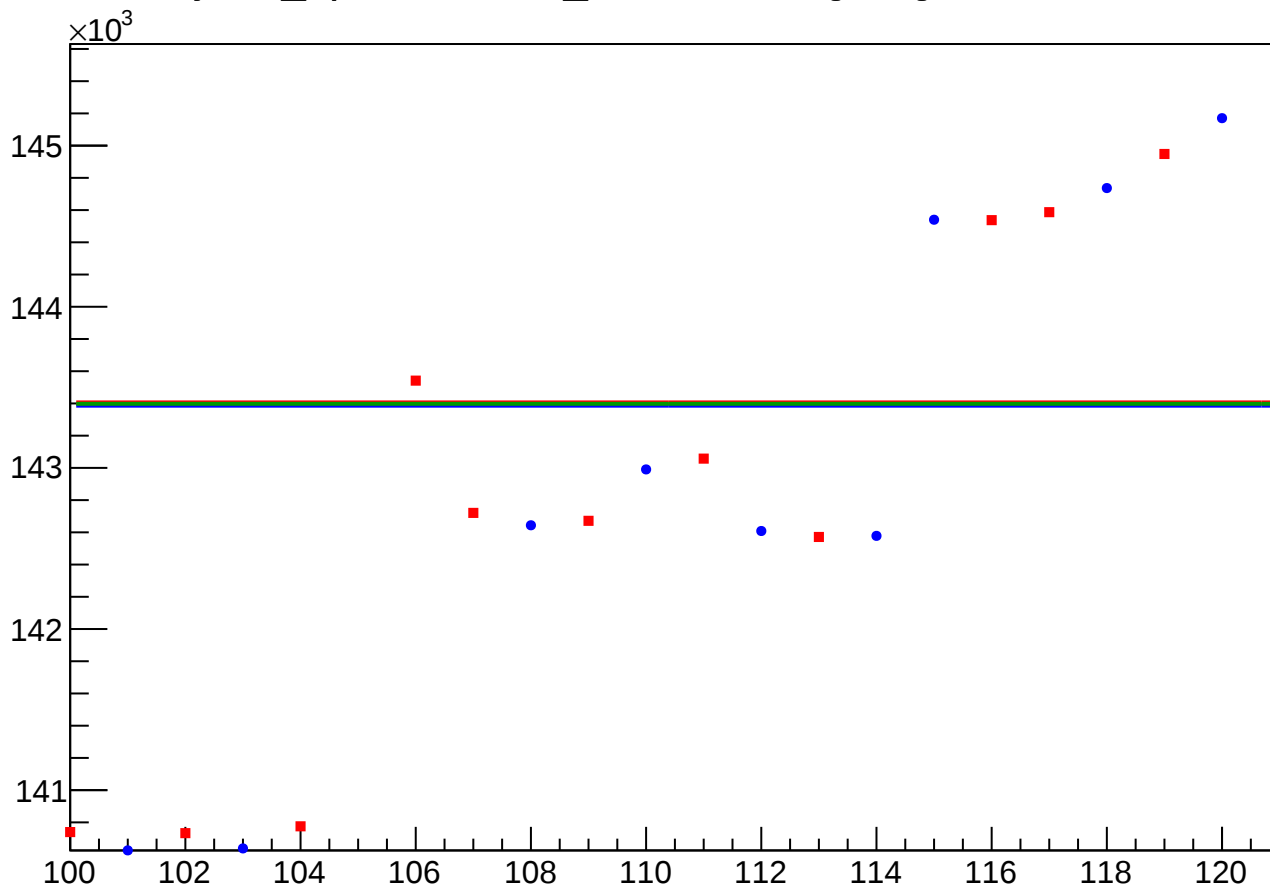
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.039 $\pm$ 0.060 χ^2 /NDF: 1023774.1/8

140.992 $\pm$ 0.039 χ^2 /NDF: 2100201.1/20

140.191 $\pm$ 0.052 χ^2 /NDF: 1075884.7/11

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143386.235 $\pm$ 0.068 χ^2 /NDF: 284494156.5/8

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

Right Out: 143406.366 $\pm$ 0.059 χ^2 /NDF: 352383514.8/11

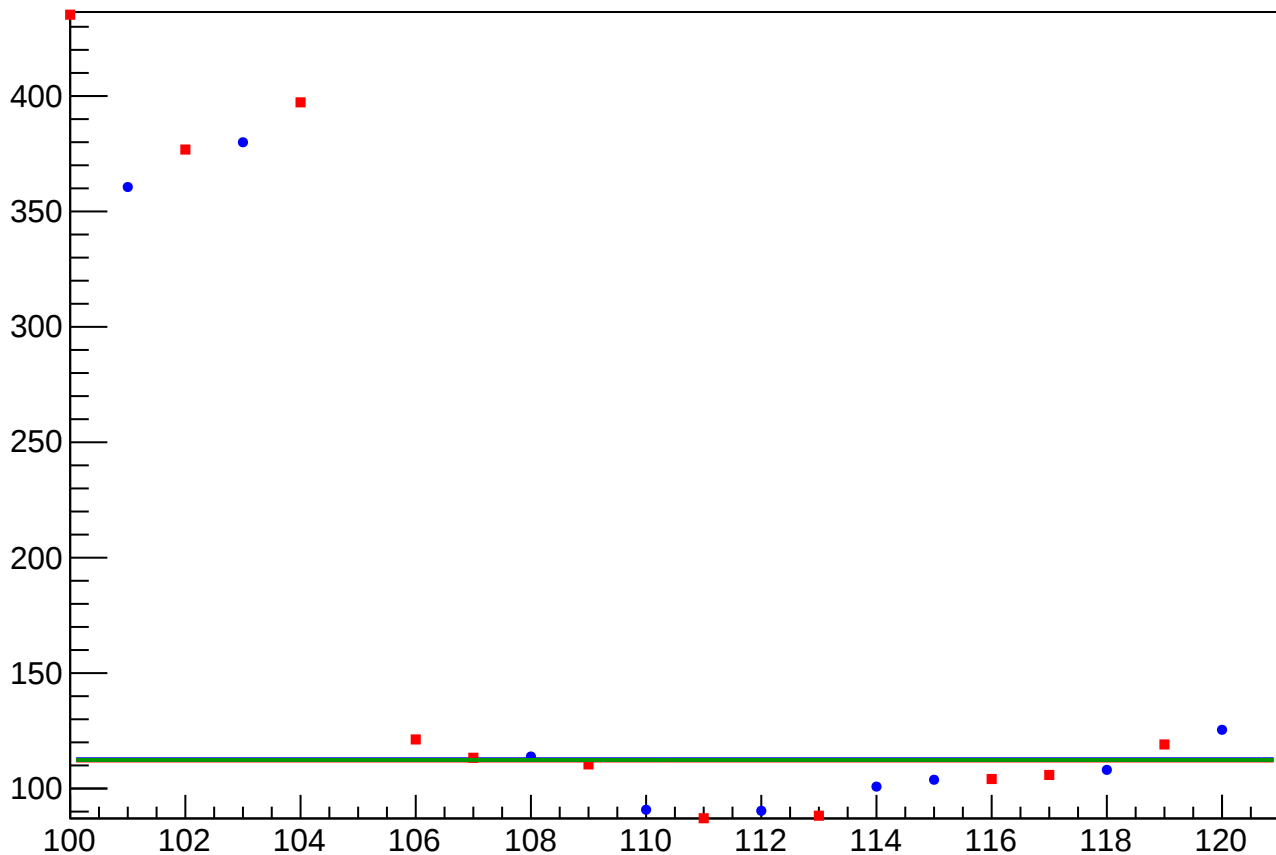
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143386.235 $\pm$ 0.068 χ^2 /NDF: 284494156.5/8

143397.724 $\pm$ 0.045 χ^2 /NDF: 636927542

143406.366 $\pm$ 0.059 χ^2 /NDF: 352383514.8/11

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.675+/-0.048 χ^2/NDF : 1218363.9/8

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

Right Out: 112.148+/-0.042 χ^2/NDF : 1286646.6/11

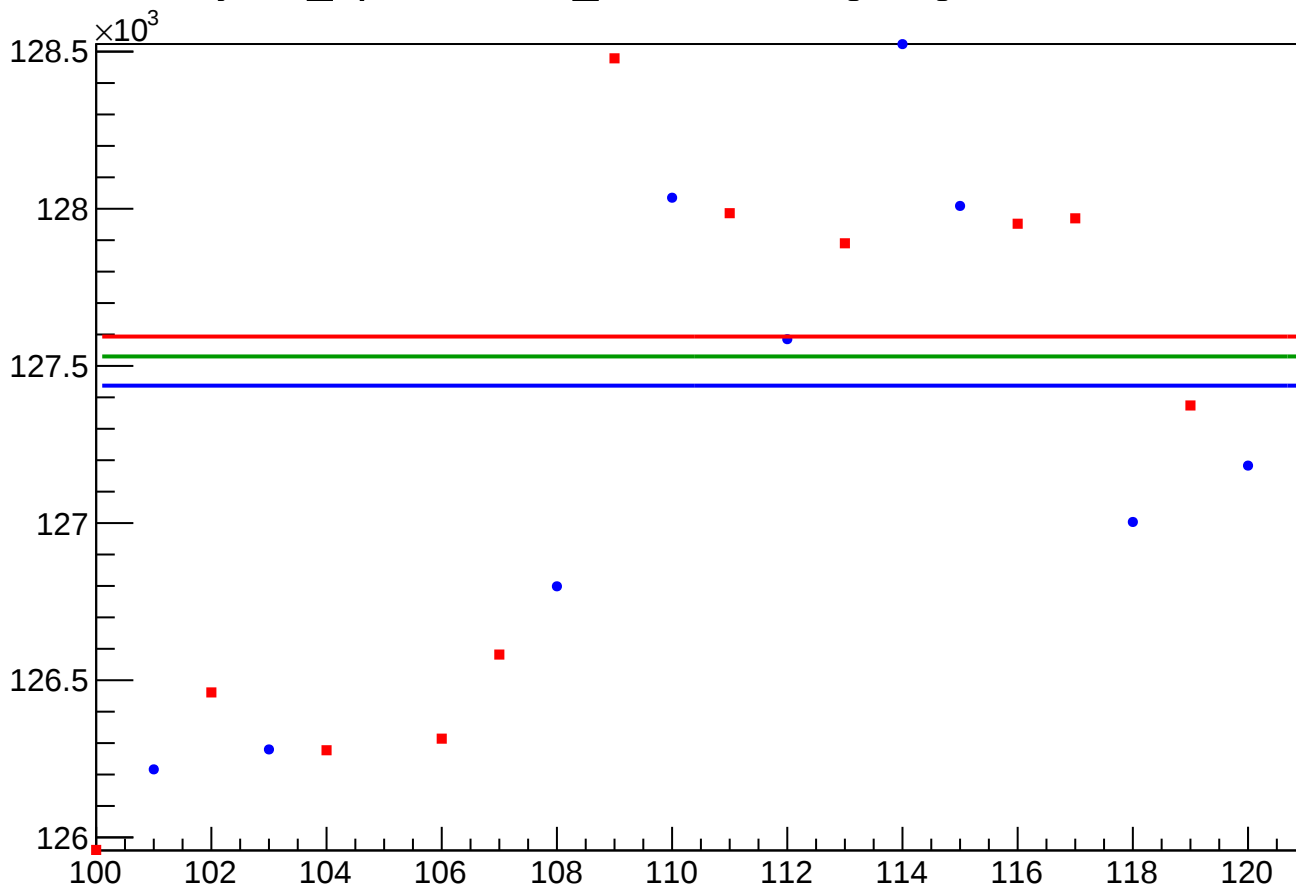
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.675+/-0.048 χ^2/NDF : 1218363.9/8

112.374+/-0.032 χ^2/NDF : 2505079.0/20

112.148+/-0.042 χ^2/NDF : 1286646.6/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127437.246 $\pm$ 0.084 χ^2 /NDF: 55809987.6/8

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

Right Out: 127593.456 $\pm$ 0.069 χ^2 /NDF: 90442673.9/11

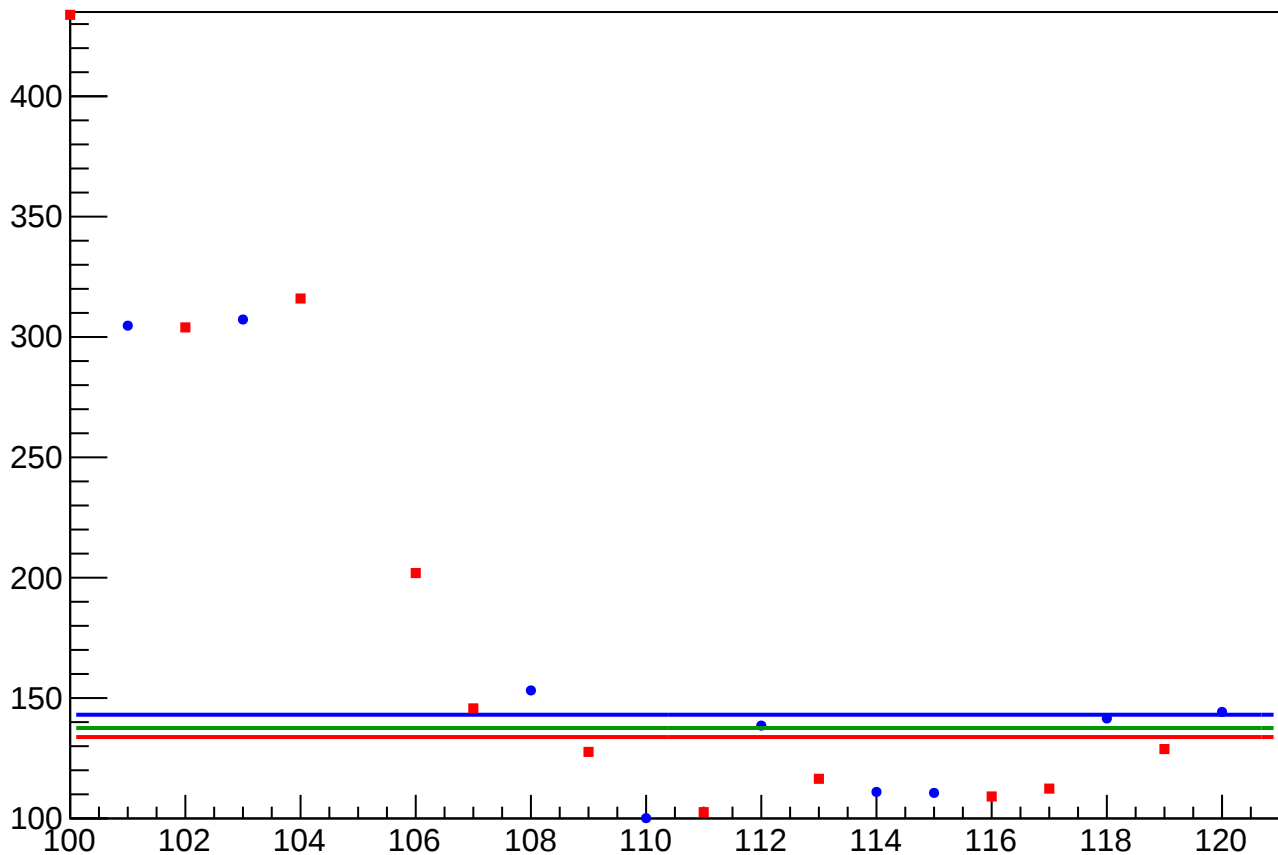
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127437.246 $\pm$ 0.084 χ^2 /NDF: 55809987.6/8

127530.139 $\pm$ 0.053 χ^2 /NDF: 148309499

127593.456 $\pm$ 0.069 χ^2 /NDF: 90442673.9/11

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 143.070 $\pm$ 0.059 χ^2 /NDF: 820100.9/8

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

Right Out: 133.800 $\pm$ 0.049 χ^2 /NDF: 926106.4/11

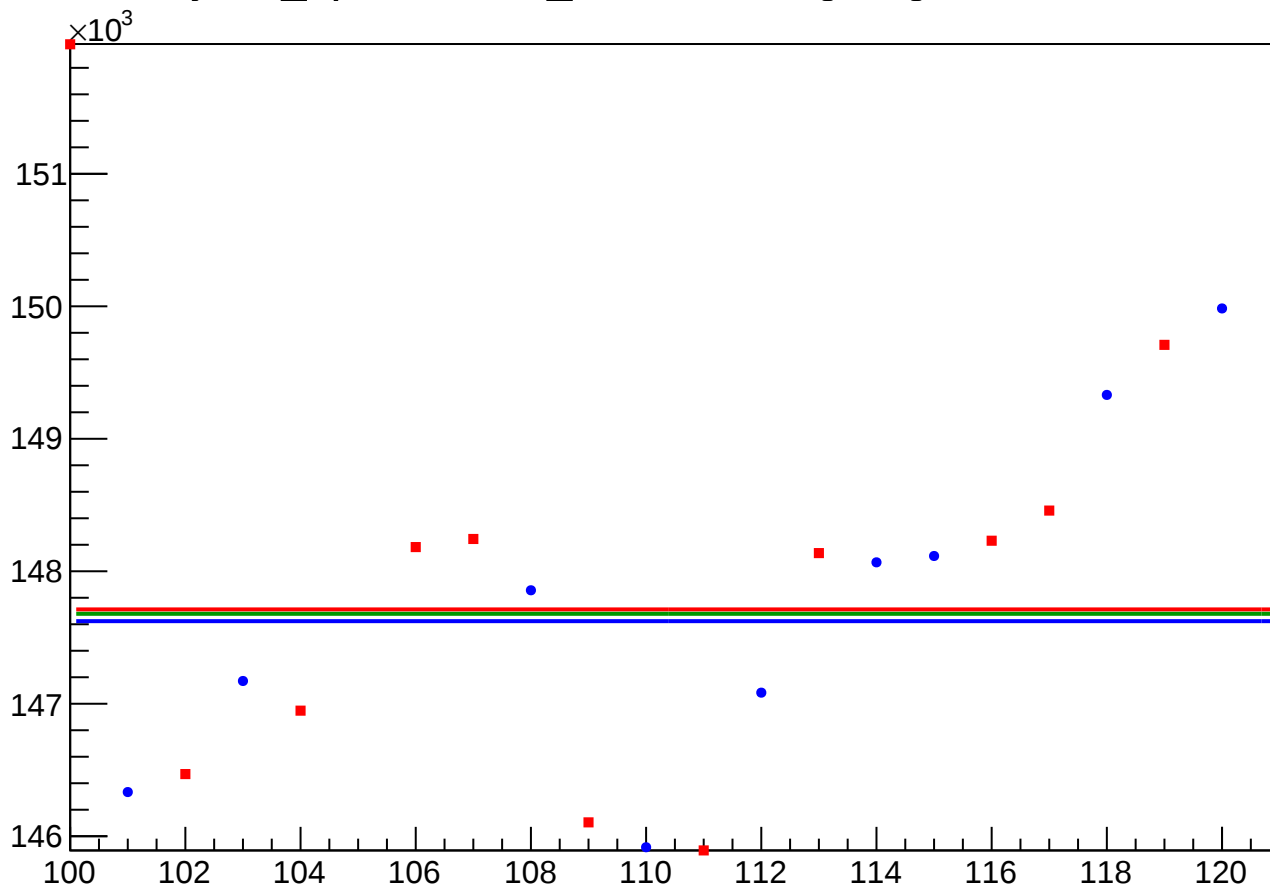
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.070 $\pm$ 0.059 χ^2 /NDF: 820100.9/8

137.558 $\pm$ 0.038 χ^2 /NDF: 1760694.9/20

133.800 $\pm$ 0.049 χ^2 /NDF: 926106.4/11

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147623.398 $\pm$ 0.132 χ^2 /NDF: 76080483.3/8

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

Right Out: 147712.074 $\pm$ 0.102 χ^2 /NDF: 180178750.3/11

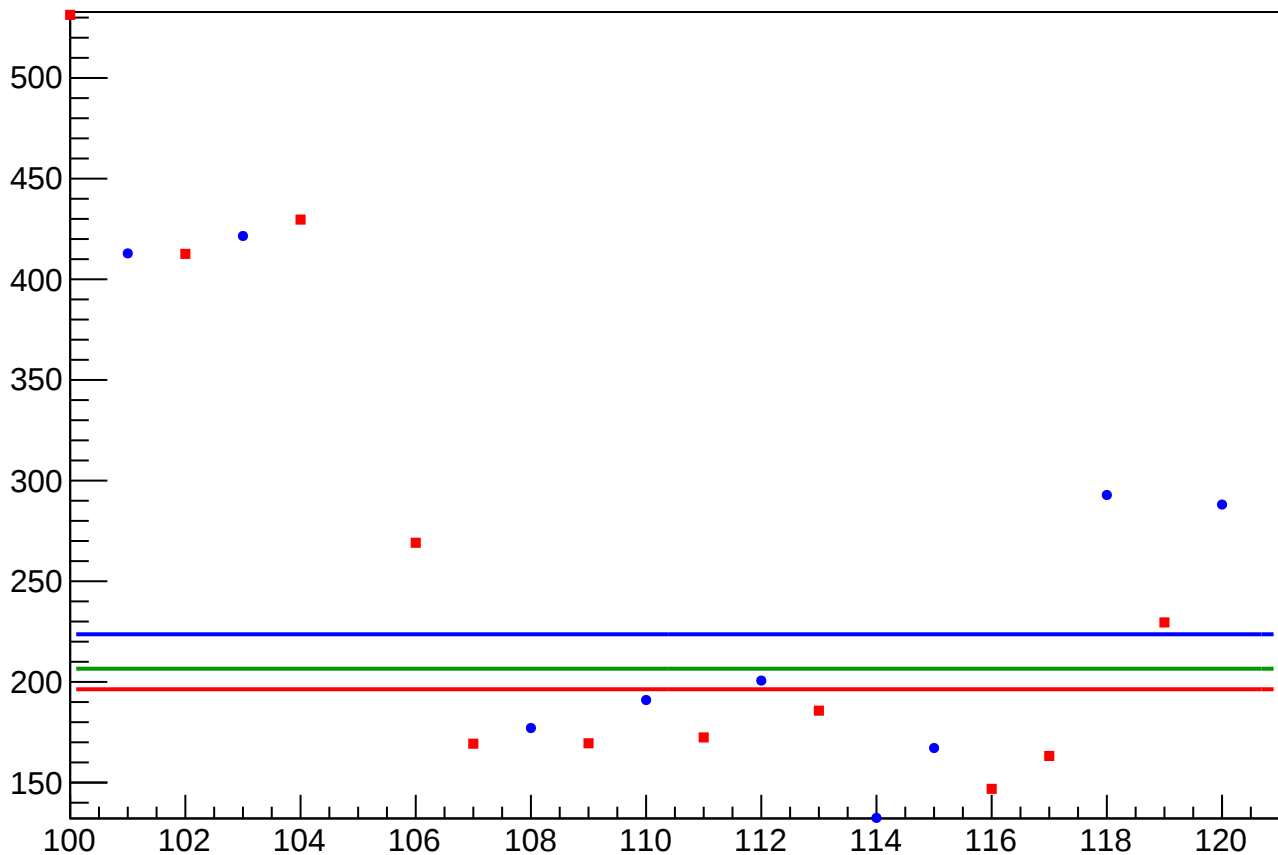
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147623.398 $\pm$ 0.132 χ^2 /NDF: 76080483.3/8

147678.901 $\pm$ 0.081 χ^2 /NDF: 256542491.3/8

147712.074 $\pm$ 0.102 χ^2 /NDF: 180178750.3/11

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 223.662 $\pm$ 0.093 χ^2 /NDF: 797931.5/8

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

Right Out: 196.351 $\pm$ 0.072 χ^2 /NDF: 819413.2/11

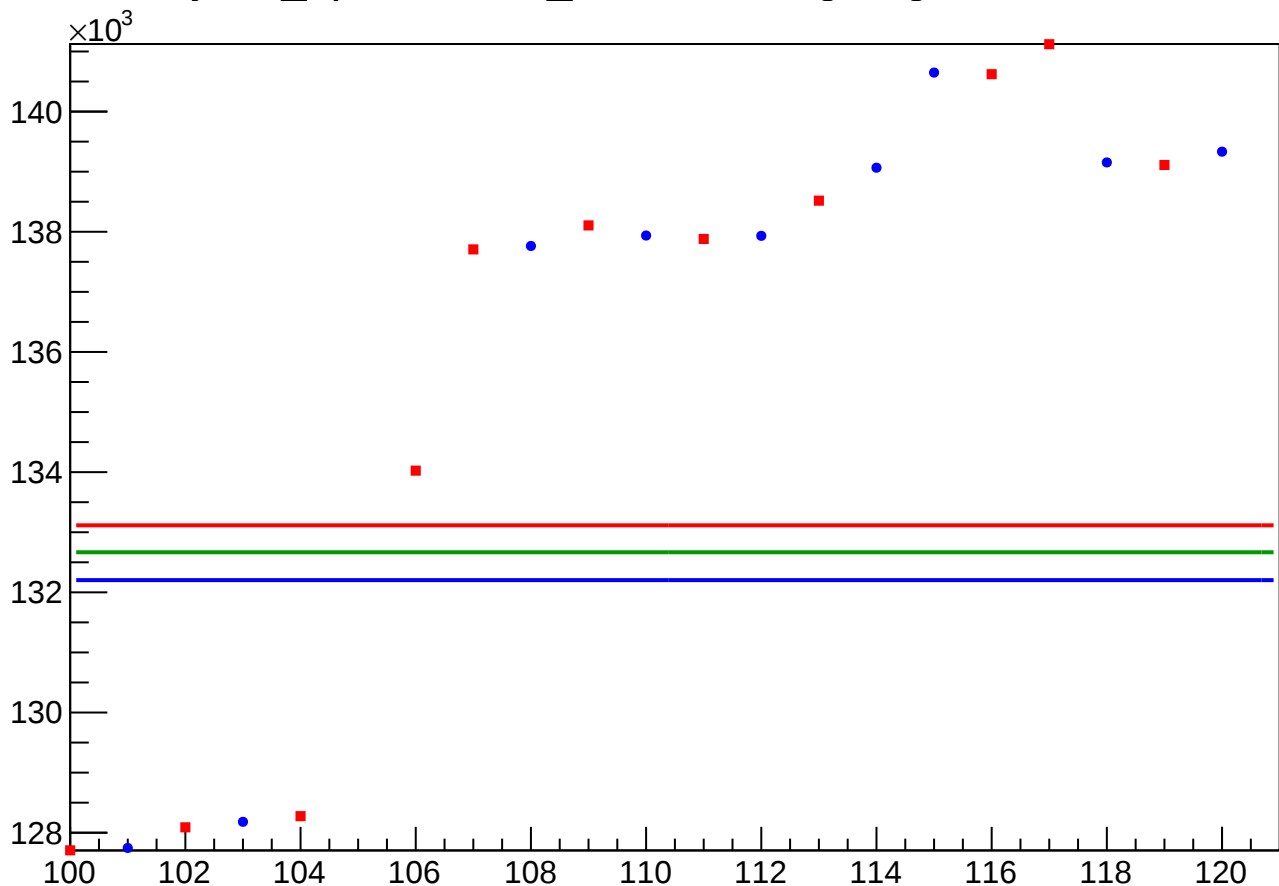
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

223.662 $\pm$ 0.093 χ^2 /NDF: 797931.5/8

206.568 $\pm$ 0.057 χ^2 /NDF: 1671082.0/20

196.351 $\pm$ 0.072 χ^2 /NDF: 819413.2/11

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 132203.179 $\pm$ 0.227 χ^2 /NDF: 523445702.7/8

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

Right Out: 133115.259 $\pm$ 0.223 χ^2 /NDF: 533804982.5/11

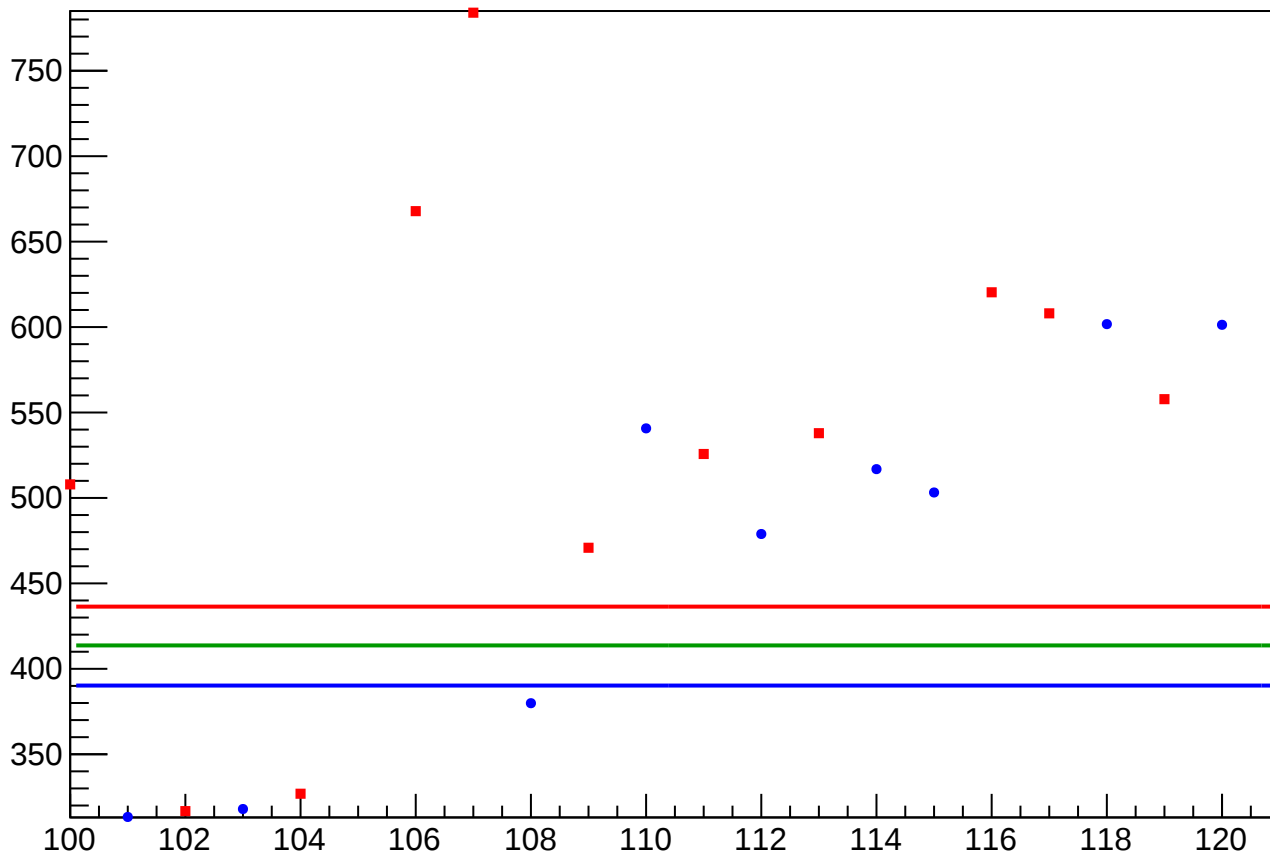
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132203.179 $\pm$ 0.227 χ^2 /NDF: 523445702.7/8

132666.852 $\pm$ 0.159 χ^2 /NDF: 106544691

133115.259 $\pm$ 0.223 χ^2 /NDF: 533804982.5/11

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 390.206+/-0.161 χ^2/NDF : 422307.5/8

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

Right Out: 436.402+/-0.158 χ^2/NDF : 639866.0/11

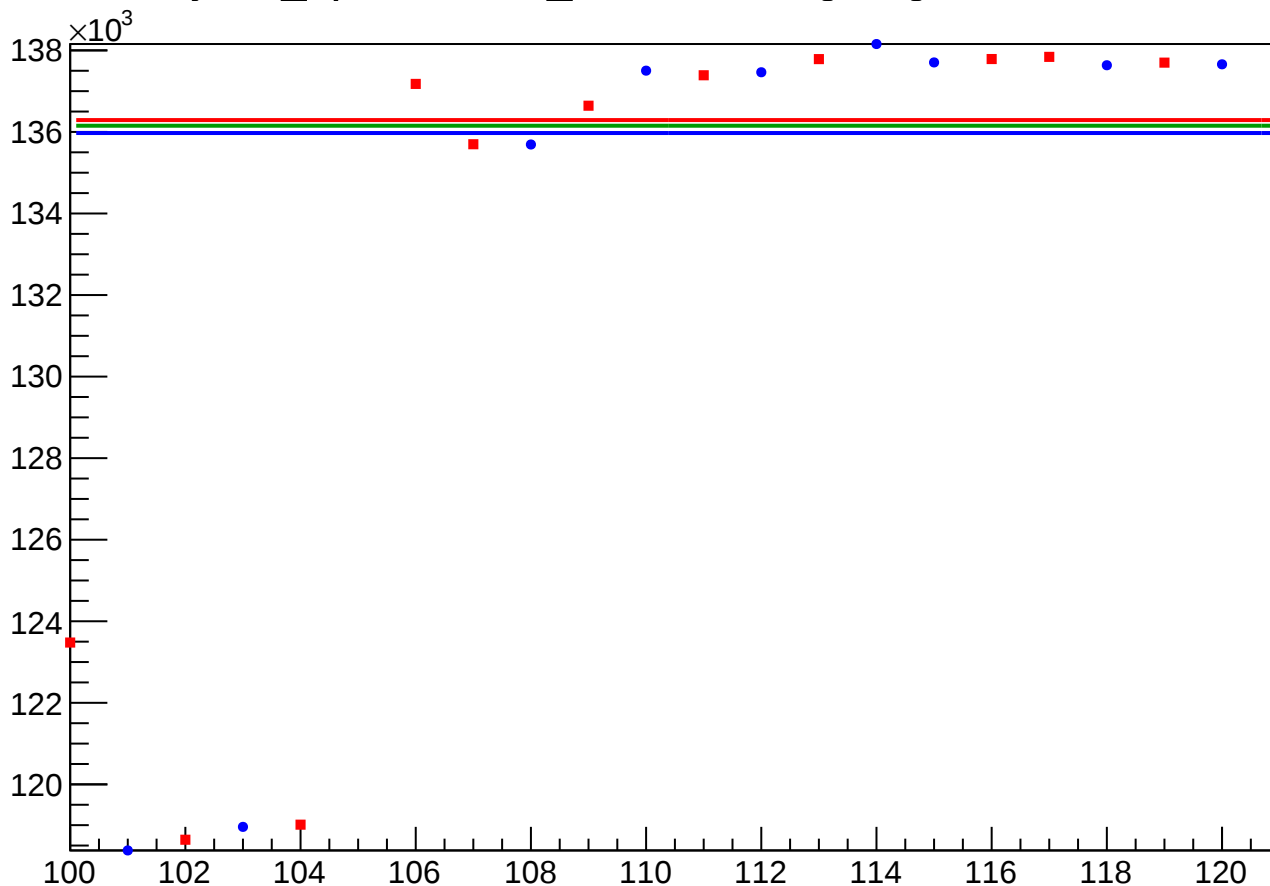
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

390.206+/-0.161 χ^2/NDF : 422307.5/8

413.691+/-0.113 χ^2/NDF : 1104225.6/20

436.402+/-0.158 χ^2/NDF : 639866.0/11

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 135973.281 $\pm$ 0.086 χ^2 /NDF: 3400630247.6/8

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

Right Out: 136290.709 $\pm$ 0.075 χ^2 /NDF: 3056732353.6/11

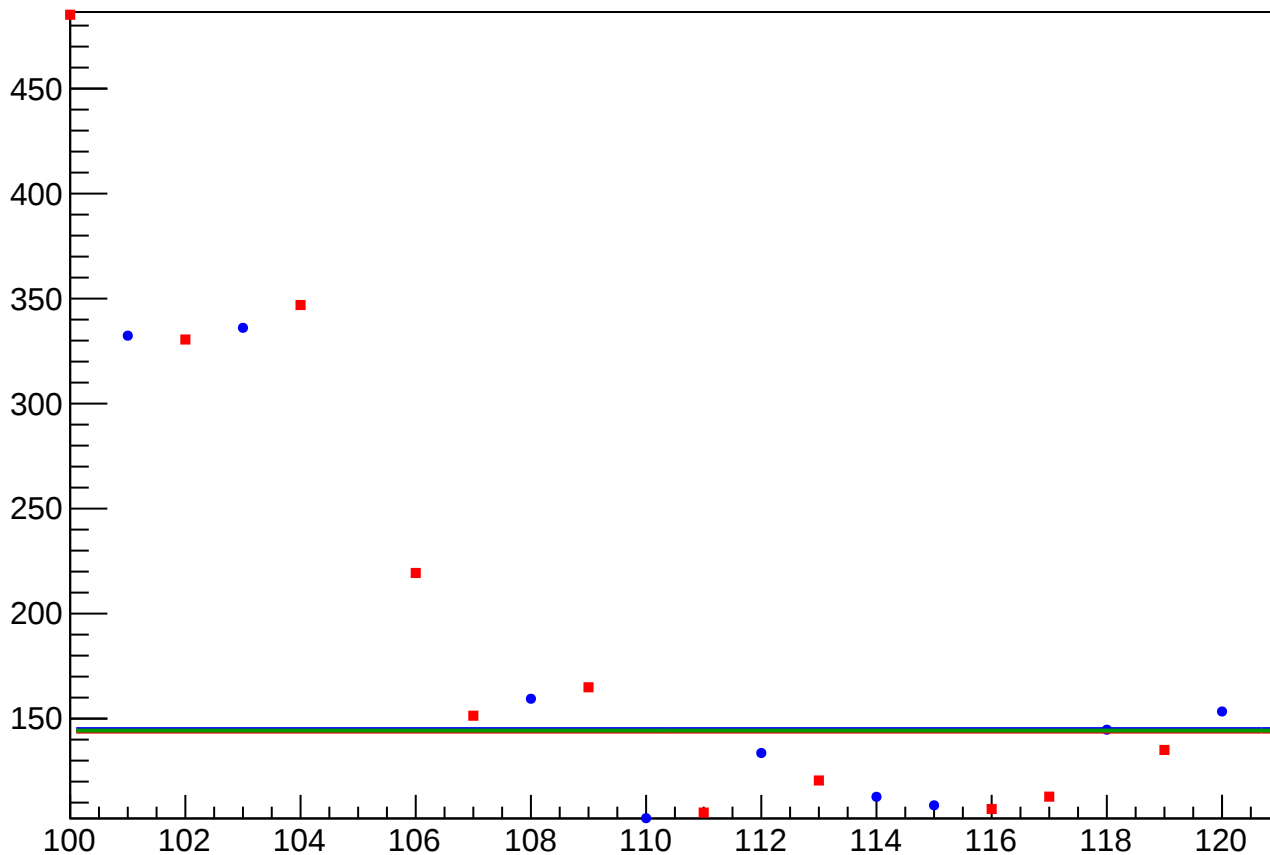
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135973.281 $\pm$ 0.086 χ^2 /NDF: 3400630247.6/8

136152.334 $\pm$ 0.057 χ^2 /NDF: 646512236

136290.709 $\pm$ 0.075 χ^2 /NDF: 3056732353.6/11

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 145.003+/-0.061 χ^2/NDF : 912661.8/8

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

Right Out: 143.799+/-0.053 χ^2/NDF : 1088777.0/11

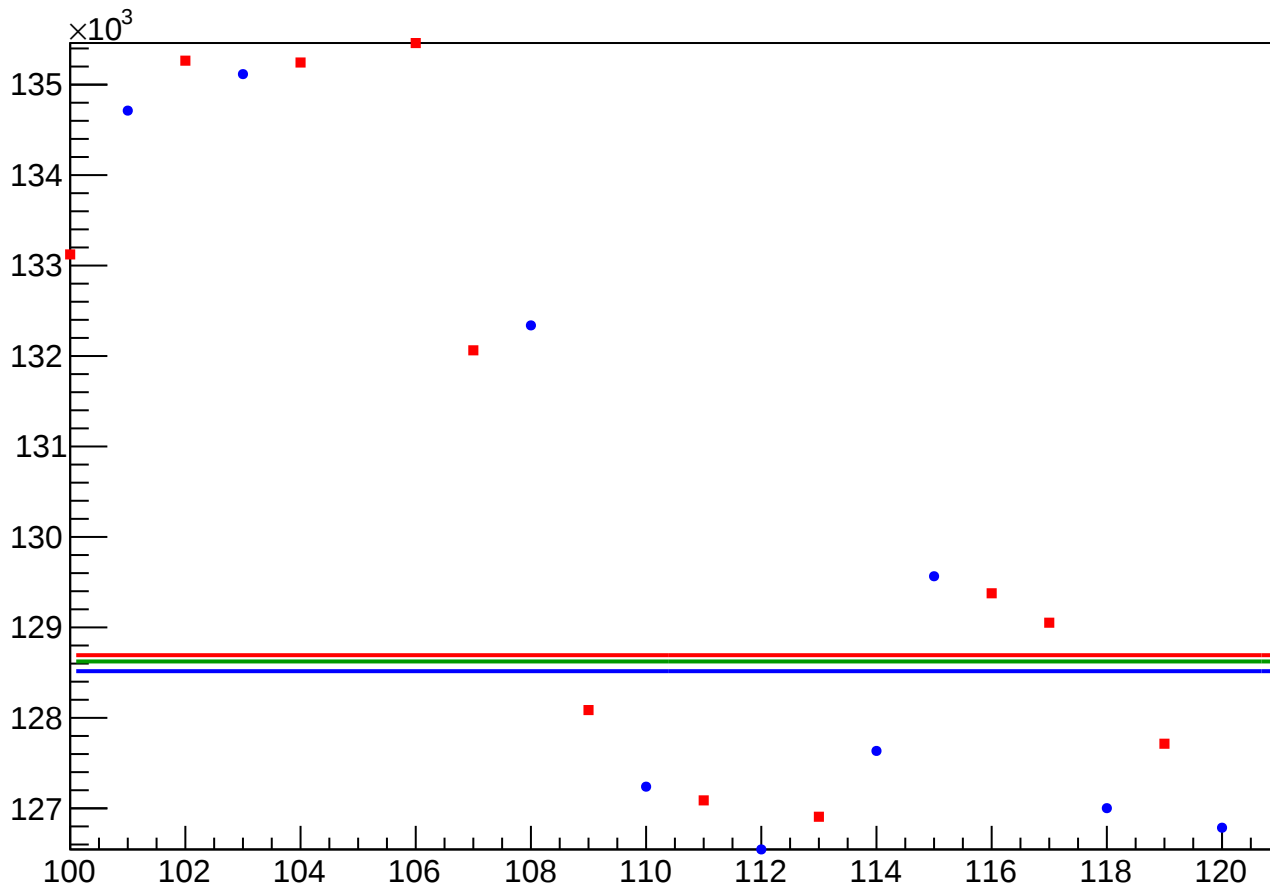
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.003+/-0.061 χ^2/NDF : 912661.8/8

144.324+/-0.040 χ^2/NDF : 2001662.2/20

143.799+/-0.053 χ^2/NDF : 1088777.0/11

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 128516.188 $\pm$ 0.100 χ^2 /NDF: 725742946.8/8

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

Right Out: 128692.866 $\pm$ 0.080 χ^2 /NDF: 878420435.7/11

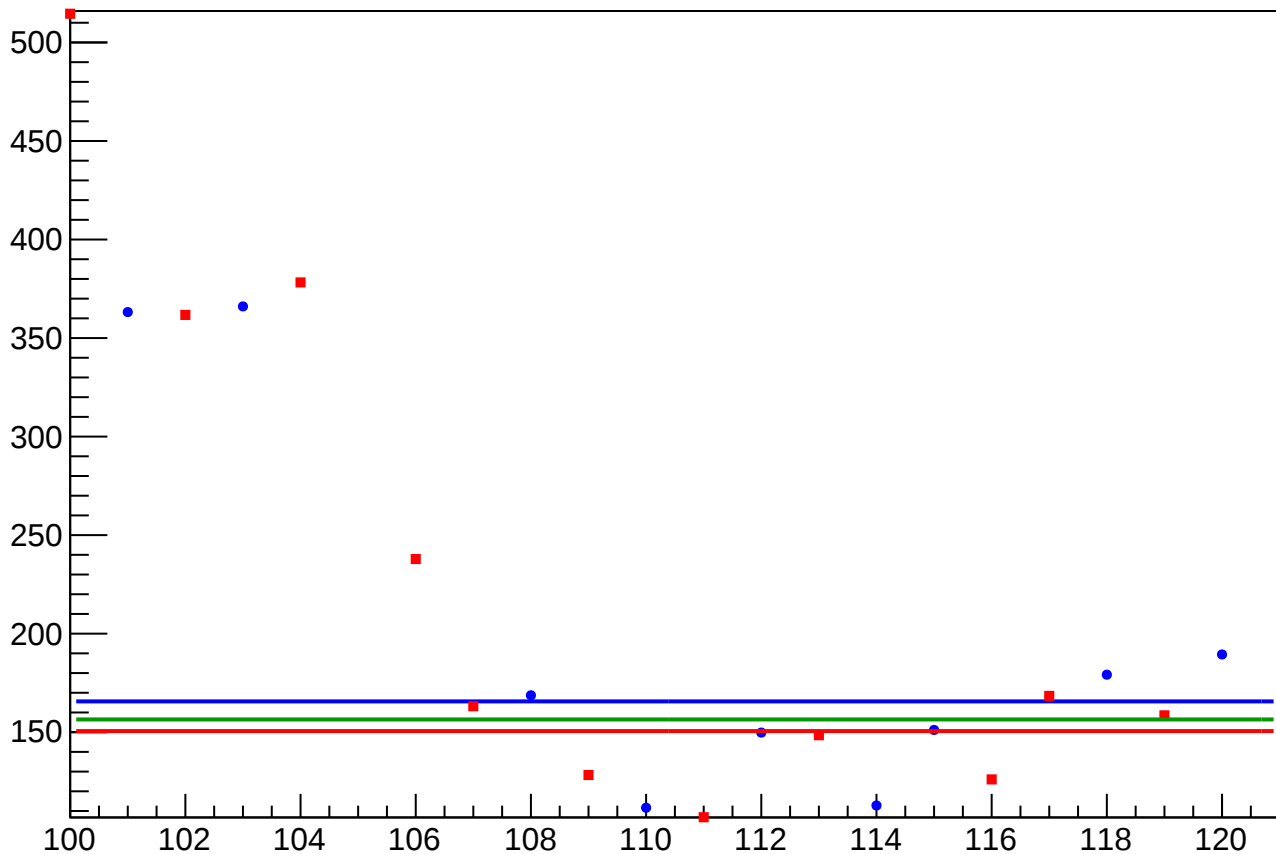
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128516.188 $\pm$ 0.100 χ^2 /NDF: 725742946.8/8

128623.615 $\pm$ 0.062 χ^2 /NDF: 160607029

128692.866 $\pm$ 0.080 χ^2 /NDF: 878420435.7/11

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 165.625+/-0.071 χ^2/NDF : 907627.4/8

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

Right Out: 150.563+/-0.057 χ^2/NDF : 1057494.5/11

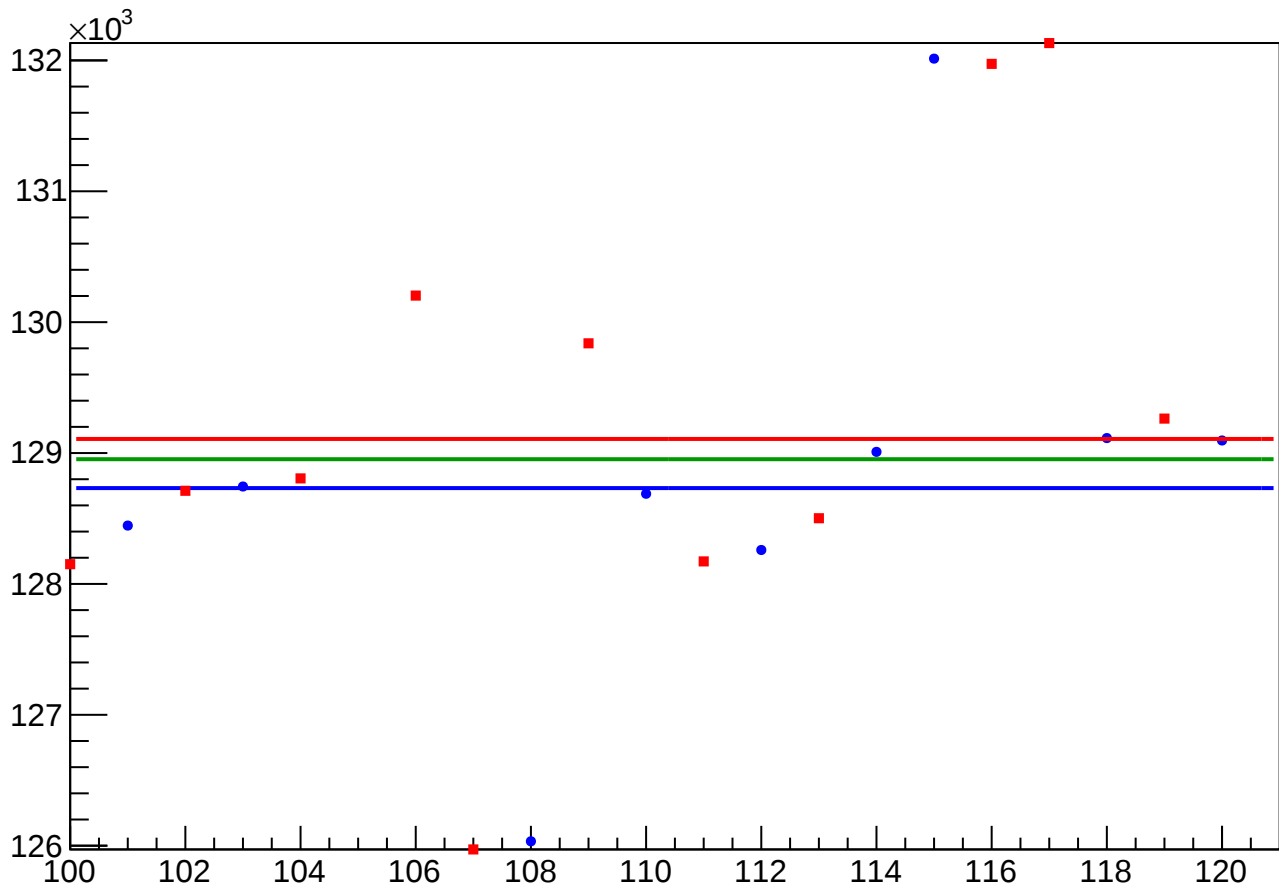
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

165.625+/-0.071 χ^2/NDF : 907627.4/8

156.467+/-0.044 χ^2/NDF : 1992841.1/20

150.563+/-0.057 χ^2/NDF : 1057494.5/11

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128732.237 $\pm$ 0.083 χ^2 /NDF: 276955627.9/8

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

Right Out: 129107.707 $\pm$ 0.069 χ^2 /NDF: 487204528.9/11

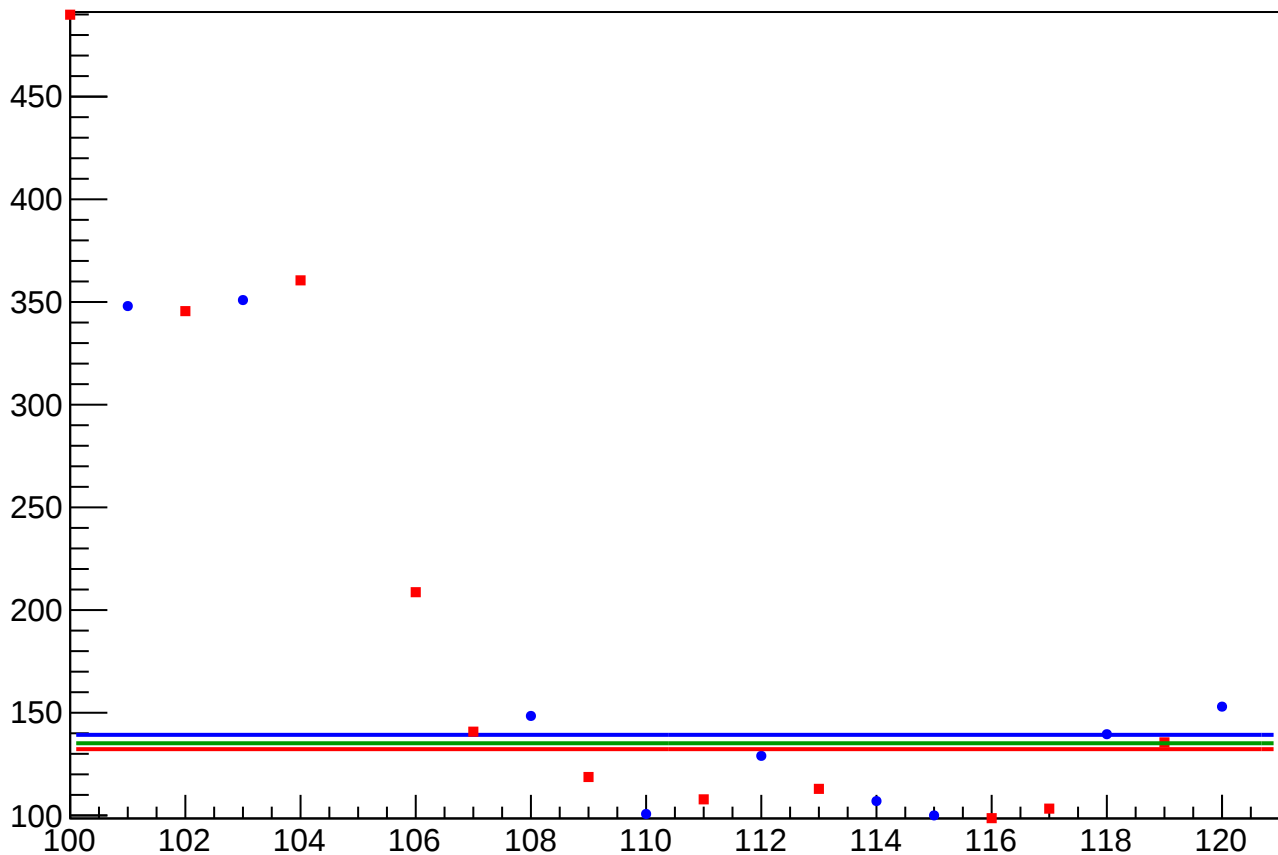
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128732.237 $\pm$ 0.083 χ^2 /NDF: 276955627.9/8

128952.980 $\pm$ 0.053 χ^2 /NDF: 776246956

129107.707 $\pm$ 0.069 χ^2 /NDF: 487204528.9/11

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 139.245+/-0.059 χ^2/NDF : 1004925.9/8

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

Right Out: 132.274+/-0.049 χ^2/NDF : 1108881.9/11

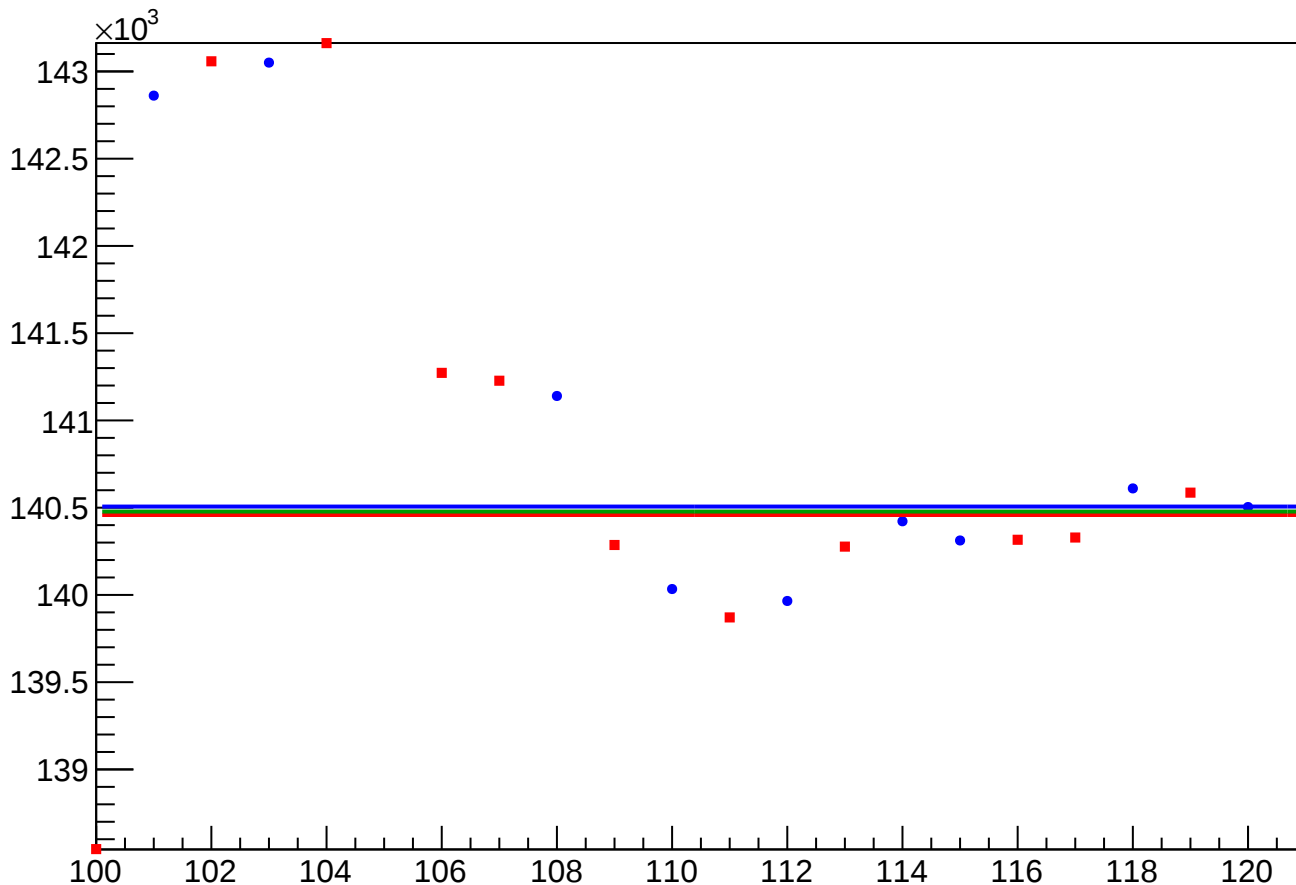
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.245+/-0.059 χ^2/NDF : 1004925.9/8

135.146+/-0.038 χ^2/NDF : 2122140.2/20

132.274+/-0.049 χ^2/NDF : 1108881.9/11

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140506.408 $\pm$ 0.088 χ^2 /NDF: 62670789.8/8

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

140506.408 $\pm$ 0.088 χ^2 /NDF: 62670789.8/8

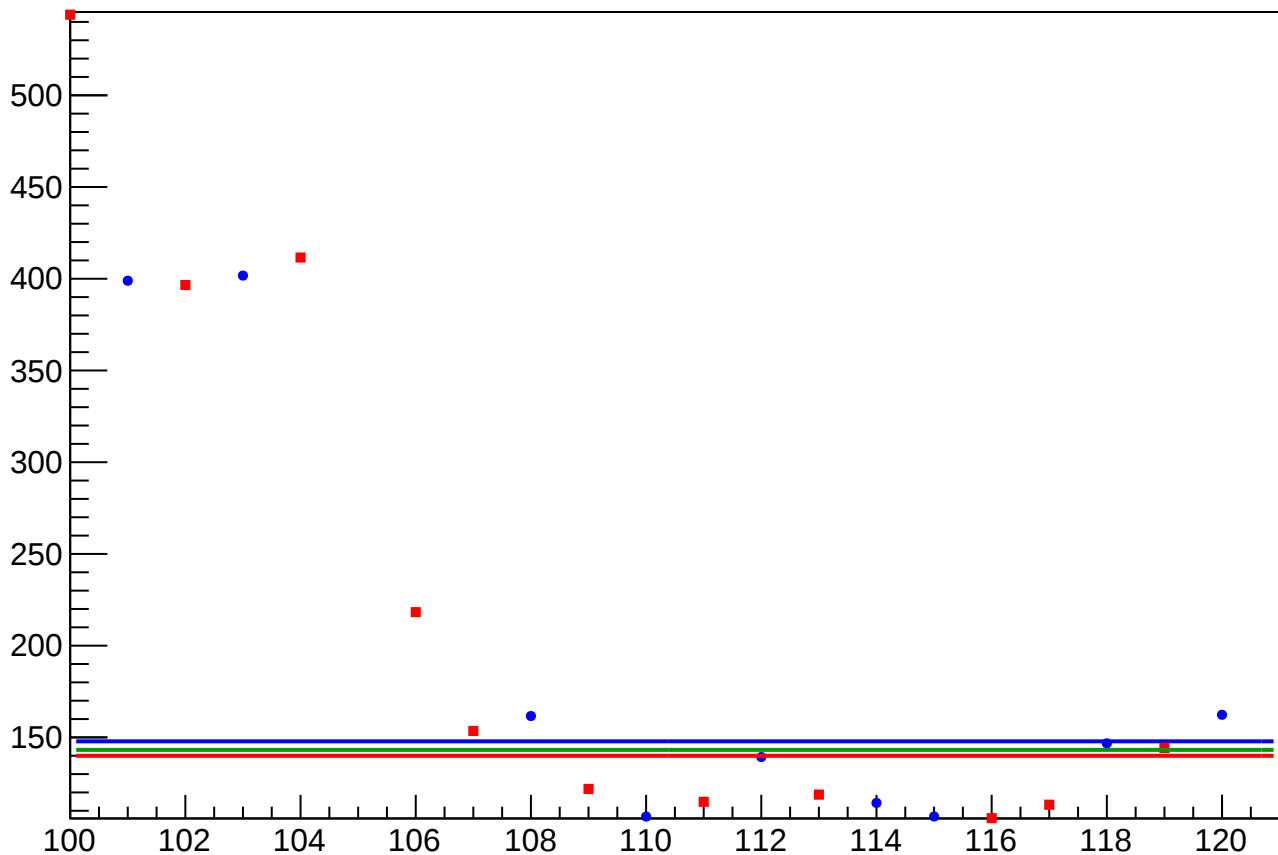
140477.898 $\pm$ 0.057 χ^2 /NDF: 135206759

Right Out: 140458.125 $\pm$ 0.074 χ^2 /NDF: 72359823.3/11

140458.125 $\pm$ 0.074 χ^2 /NDF: 72359823.3/11

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

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 147.854+/-0.063 χ^2/NDF : 1089031.0/8

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

Right Out: 139.981+/-0.052 χ^2/NDF : 1194099.9/11

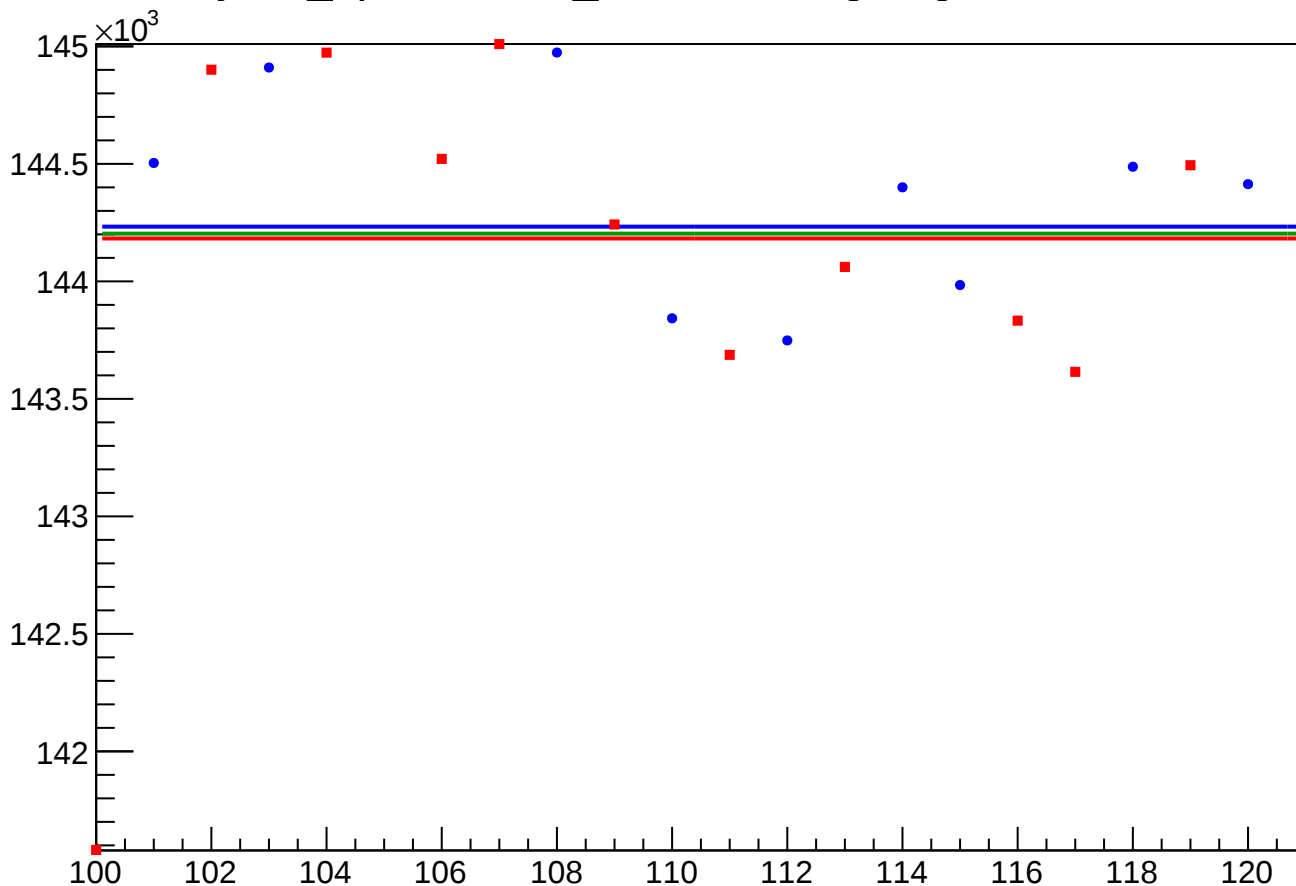
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.854+/-0.063 χ^2/NDF : 1089031.0/8

143.205+/-0.040 χ^2/NDF : 2292498.3/20

139.981+/-0.052 χ^2/NDF : 1194099.9/11

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144232.875 $\pm$ 0.092 χ^2 /NDF: 20819351.9/8

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

144232.875 $\pm$ 0.092 χ^2 /NDF: 20819351.9/8

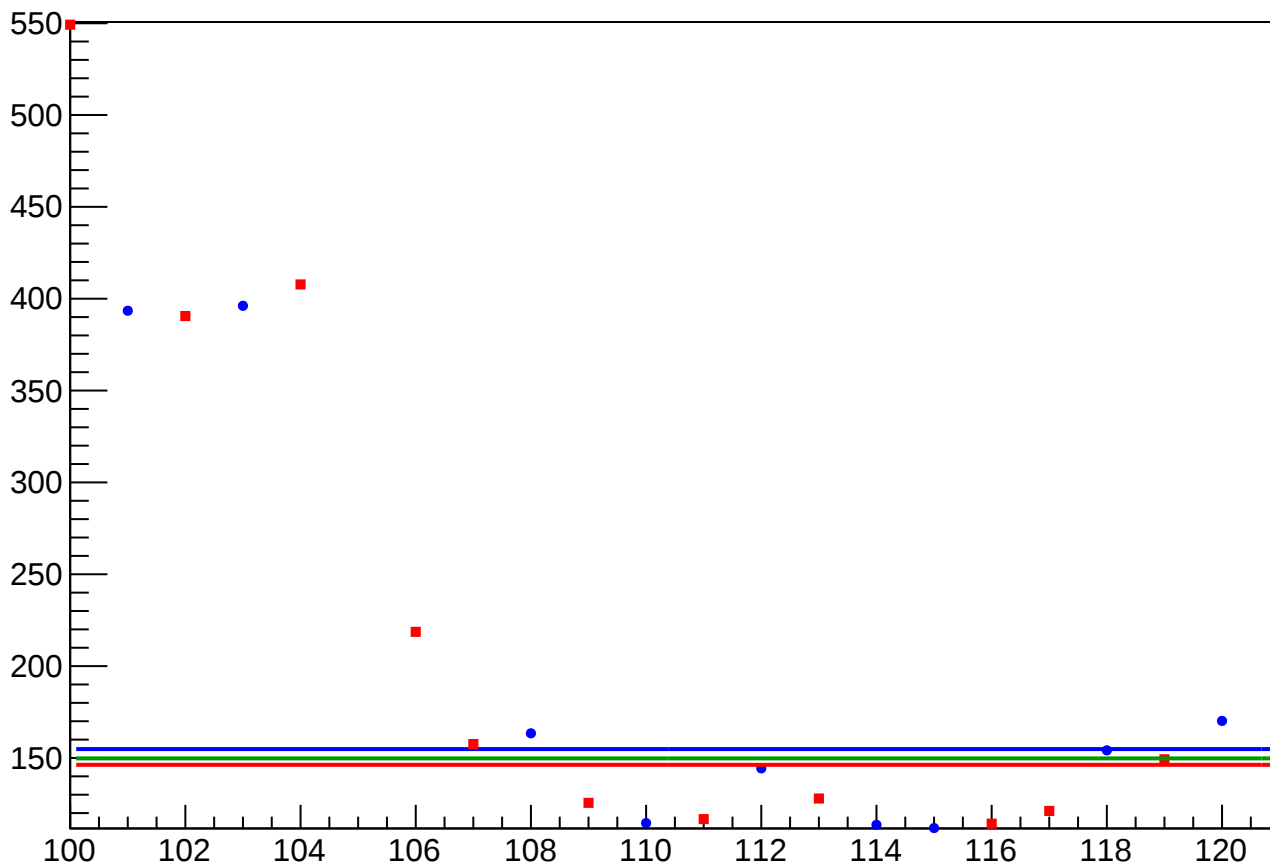
144203.097 $\pm$ 0.059 χ^2 /NDF: 50011142.5/11

Right Out: 144182.530 $\pm$ 0.077 χ^2 /NDF: 29014899.7/11

144182.530 $\pm$ 0.077 χ^2 /NDF: 29014899.7/11

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

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 154.838 $\pm$ 0.065 χ^2 /NDF: 1015277.6/8

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

Right Out: 146.273 $\pm$ 0.054 χ^2 /NDF: 1120868.6/11

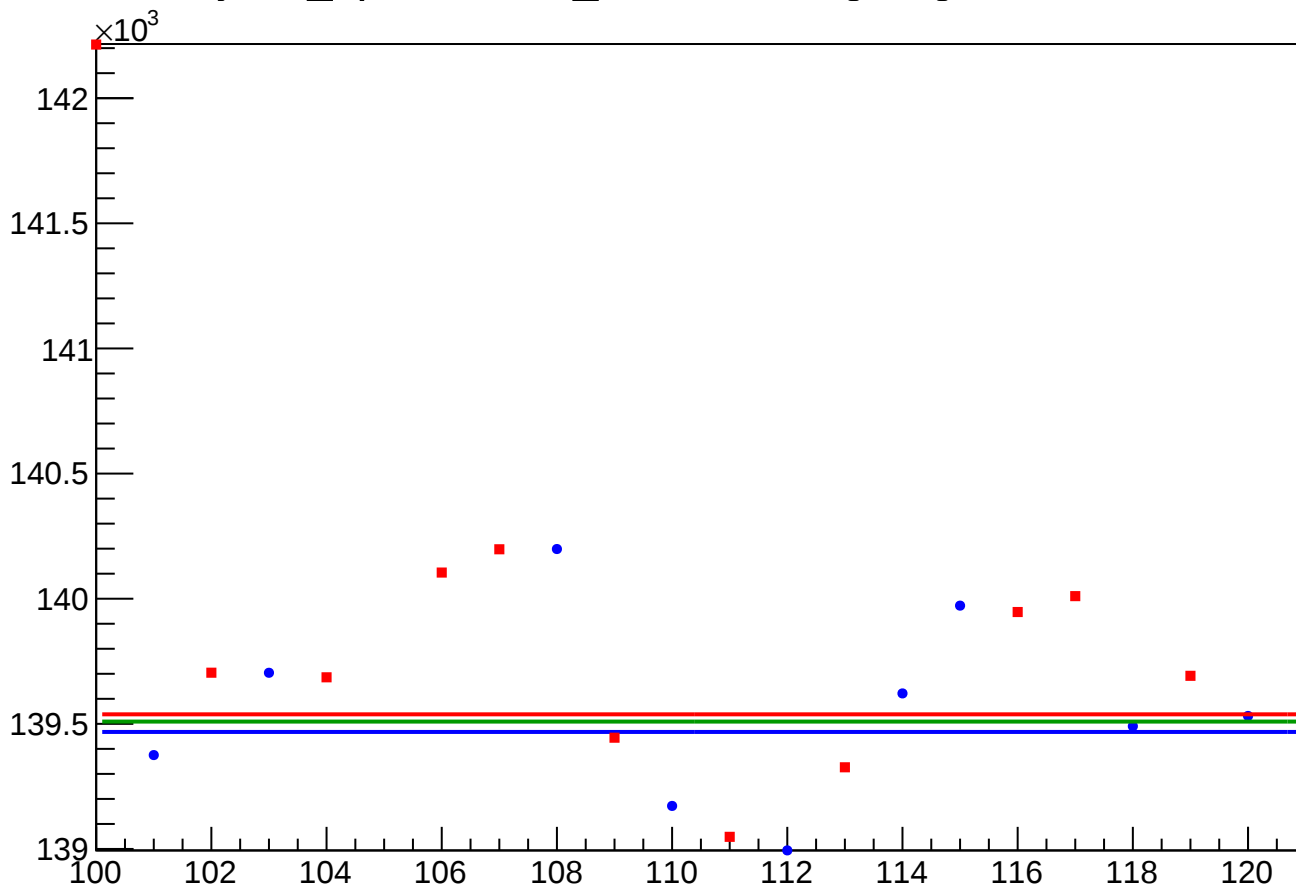
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154.838 $\pm$ 0.065 χ^2 /NDF: 1015277.6/8

149.772 $\pm$ 0.042 χ^2 /NDF: 2146384.9/20

146.273 $\pm$ 0.054 χ^2 /NDF: 1120868.6/11

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139467.644 $\pm$ 0.093 χ^2 /NDF: 16631700.2/8

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

Right Out: 139538.031 $\pm$ 0.078 χ^2 /NDF: 21484811.0/11

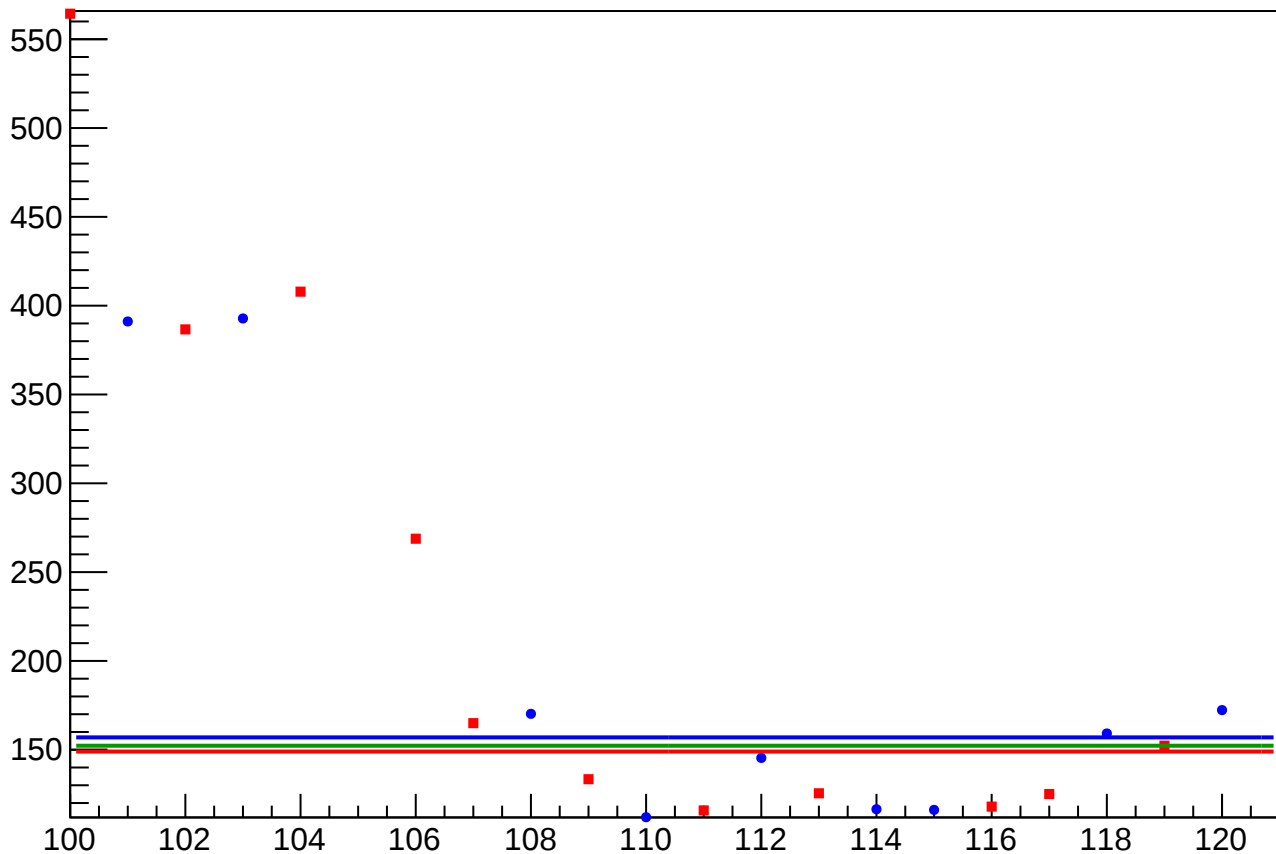
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139467.644 $\pm$ 0.093 χ^2 /NDF: 16631700.2/8

139509.058 $\pm$ 0.060 χ^2 /NDF: 38450367.6/8

139538.031 $\pm$ 0.078 χ^2 /NDF: 21484811.0/11

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 156.962 +/- 0.066 χ^2/NDF : 1009428.4/8

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

Right Out: 148.977 +/- 0.055 χ^2/NDF : 1153738.0/11

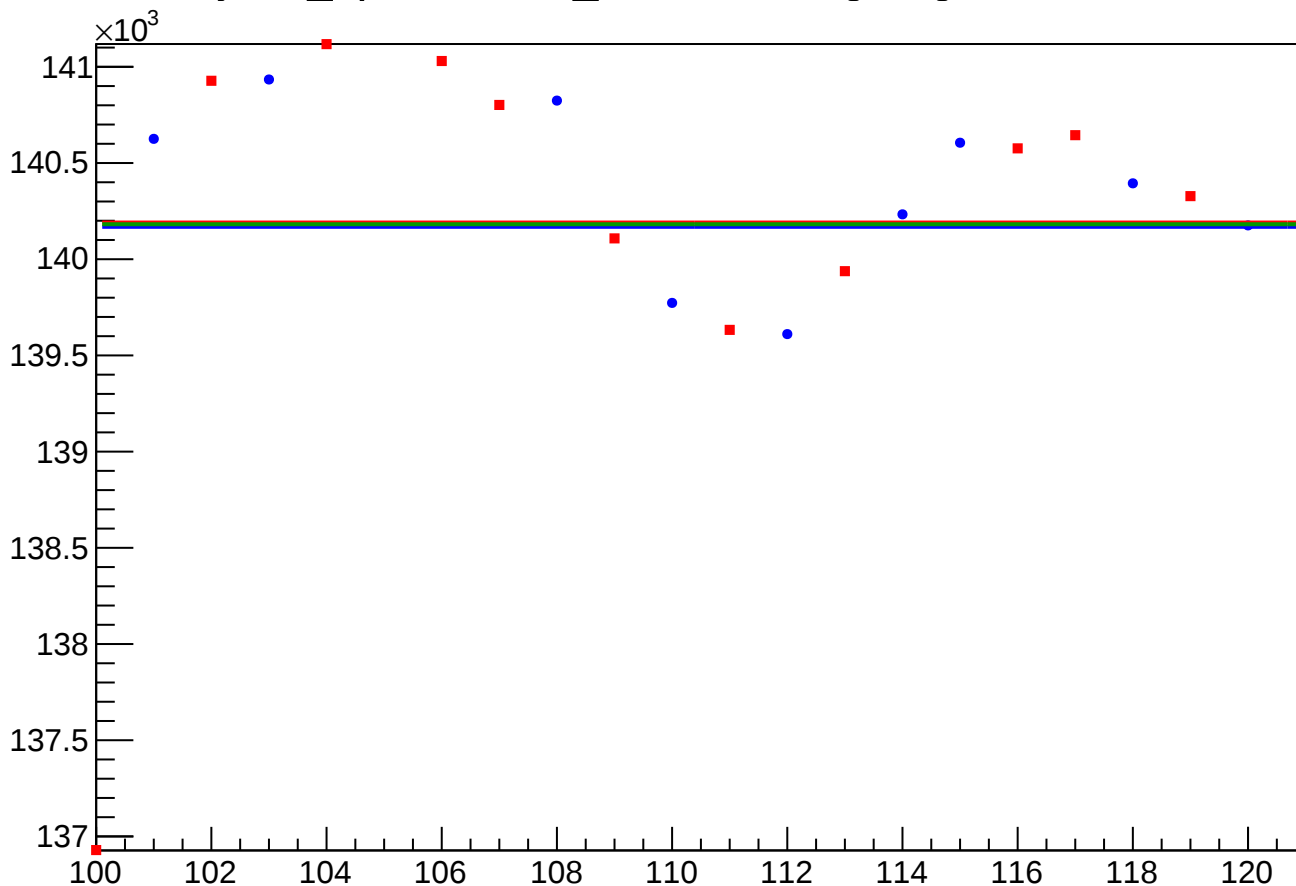
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

156.962 +/- 0.066 χ^2/NDF : 1009428.4/8

152.264 +/- 0.042 χ^2/NDF : 2171759.9/20

148.977 +/- 0.055 χ^2/NDF : 1153738.0/11

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140168.522 $\pm$ 0.094 χ^2 /NDF: 21763667.4/8

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

140168.522 $\pm$ 0.094 χ^2 /NDF: 21763667.4/8

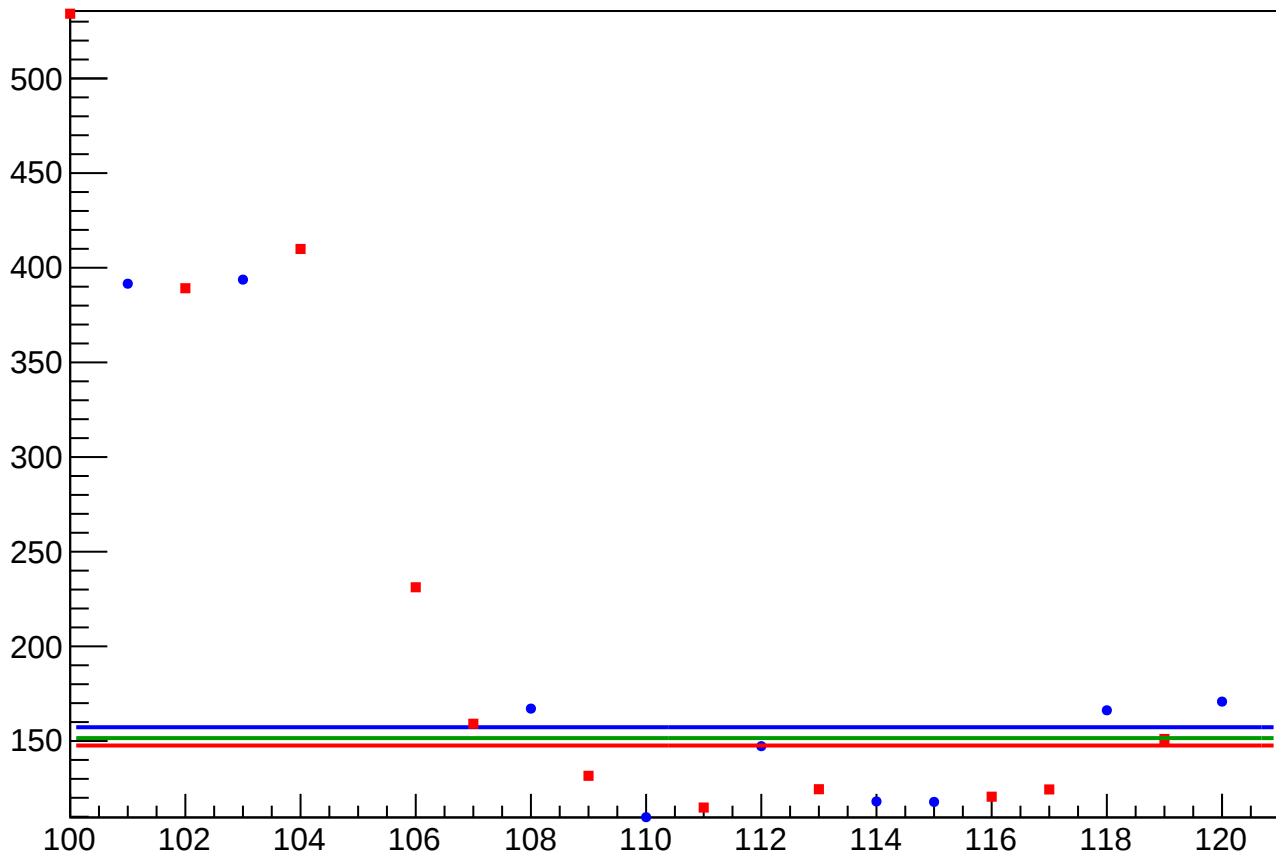
140181.724 $\pm$ 0.060 χ^2 /NDF: 52858824.0/11

Right Out: 140190.713 $\pm$ 0.077 χ^2 /NDF: 31061810.7/11

140190.713 $\pm$ 0.077 χ^2 /NDF: 31061810.7/11

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

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 157.279+/-0.066 χ^2/NDF : 1020441.8/8

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

Right Out: 147.620+/-0.055 χ^2/NDF : 1115501.1/11

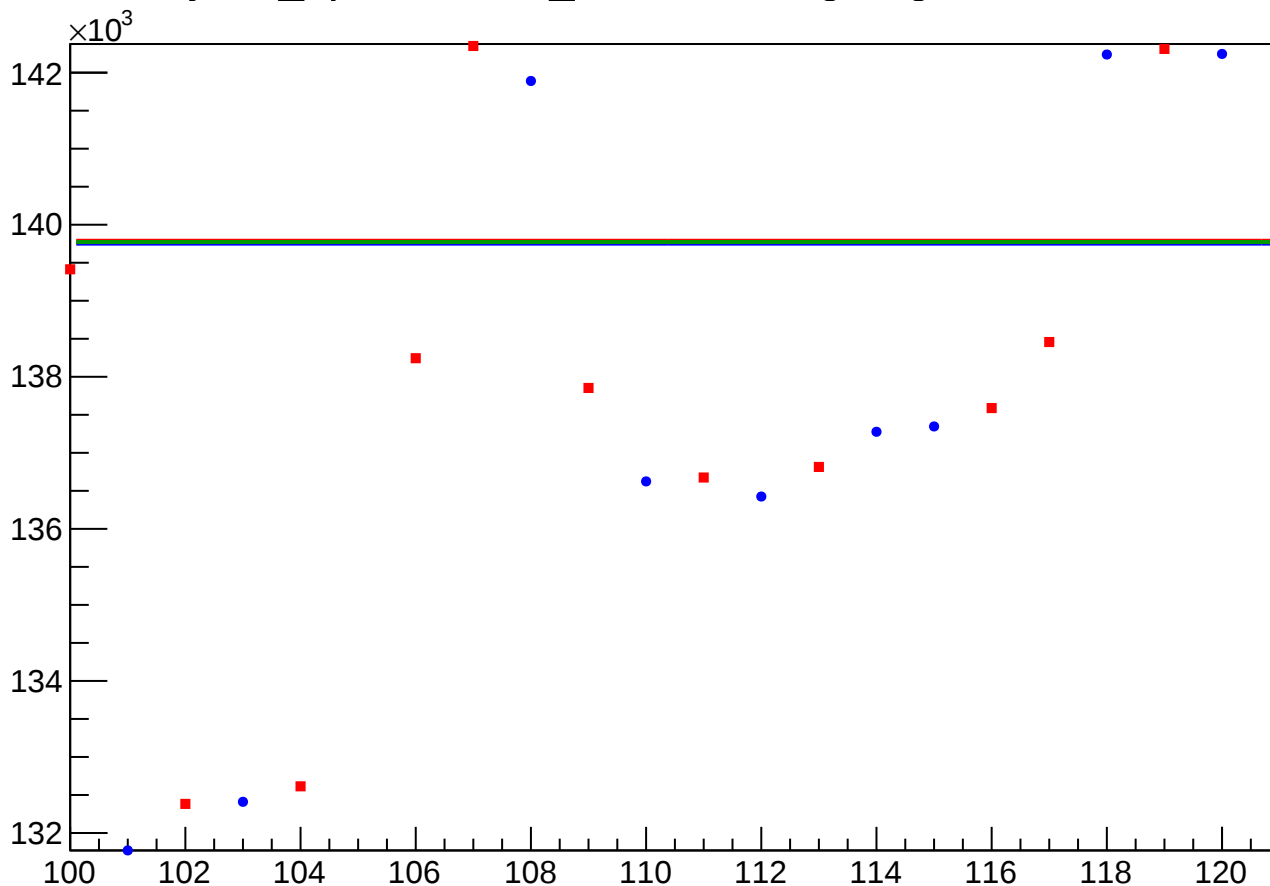
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

157.279+/-0.066 χ^2/NDF : 1020441.8/8

151.533+/-0.042 χ^2/NDF : 2148577.5/20

147.620+/-0.055 χ^2/NDF : 1115501.1/11

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 139751.379 $\pm$ 0.148 χ^2 /NDF: 580020715.5/8

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

Right Out: 139788.921 $\pm$ 0.132 χ^2 /NDF: 579157497.6/11

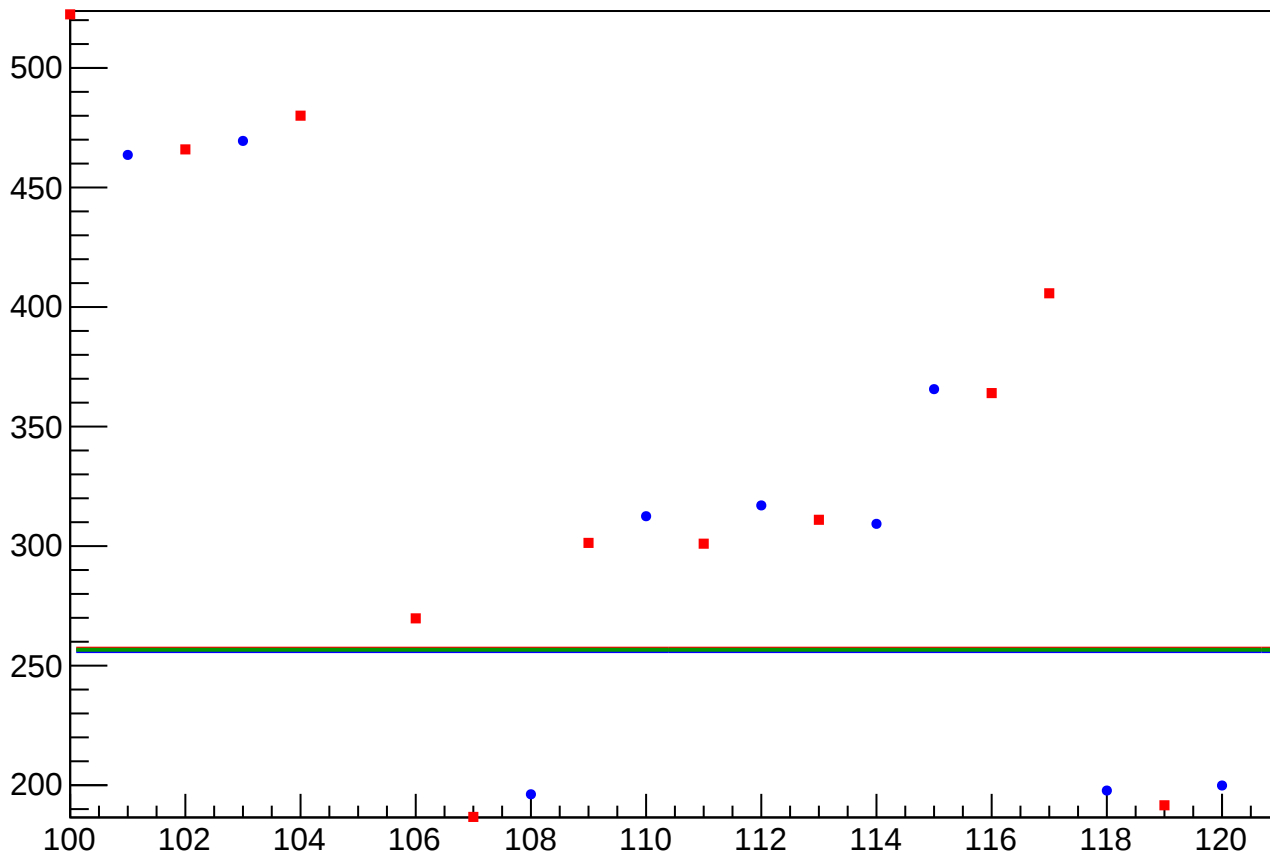
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139751.379 $\pm$ 0.148 χ^2 /NDF: 580020715.5/8

139772.309 $\pm$ 0.098 χ^2 /NDF: 115921408

139788.921 $\pm$ 0.132 χ^2 /NDF: 579157497.6/11

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 256.086+/-0.105 χ^2/NDF : 759369.2/8

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

Right Out: 257.097+/-0.093 χ^2/NDF : 841874.8/11

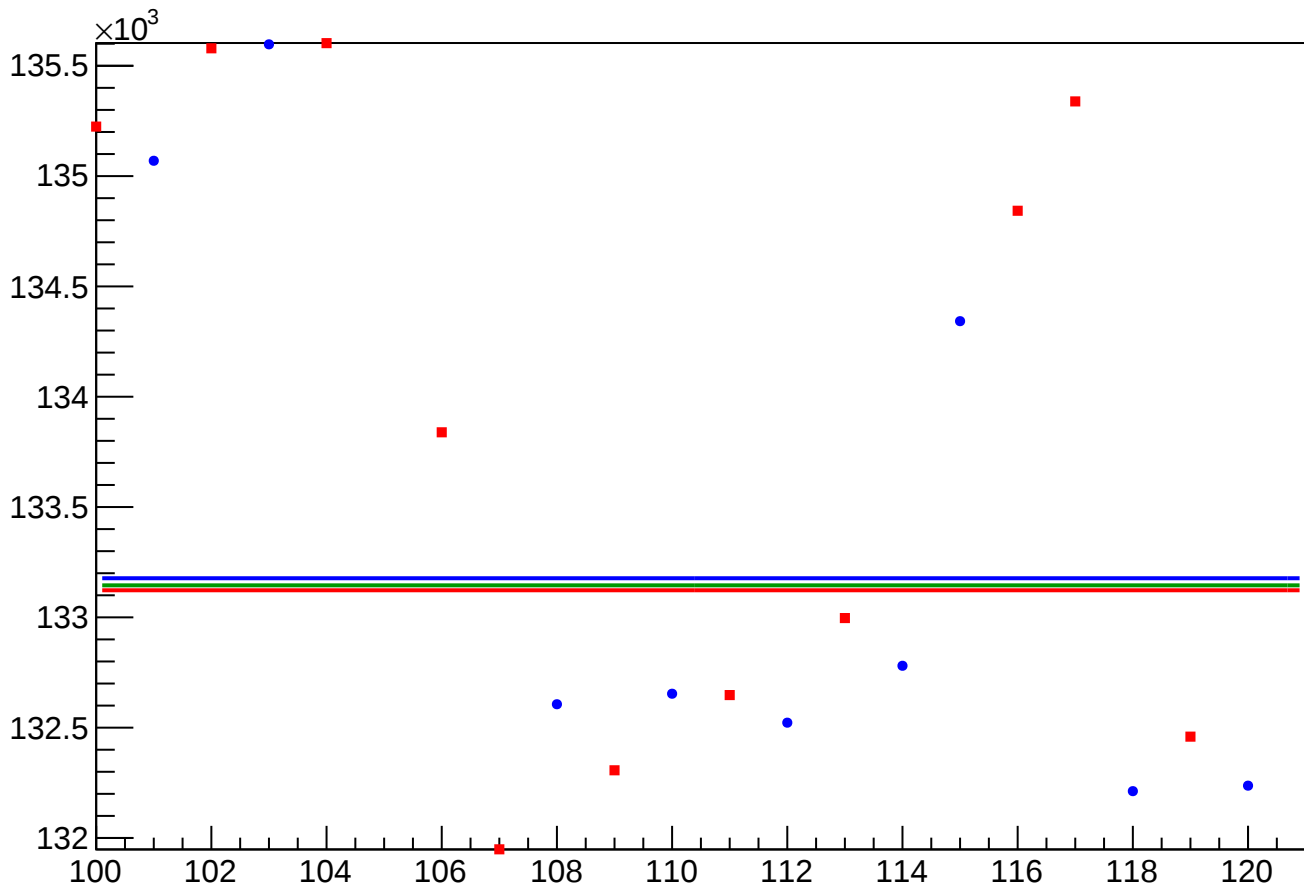
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

256.086+/-0.105 χ^2/NDF : 759369.2/8

256.650+/-0.070 χ^2/NDF : 1601296.0/20

257.097+/-0.093 χ^2/NDF : 841874.8/11

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133177.262 $\pm$ 0.147 χ^2 /NDF: 57719457.6/8

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

133177.262 $\pm$ 0.147 χ^2 /NDF: 57719457.6/8

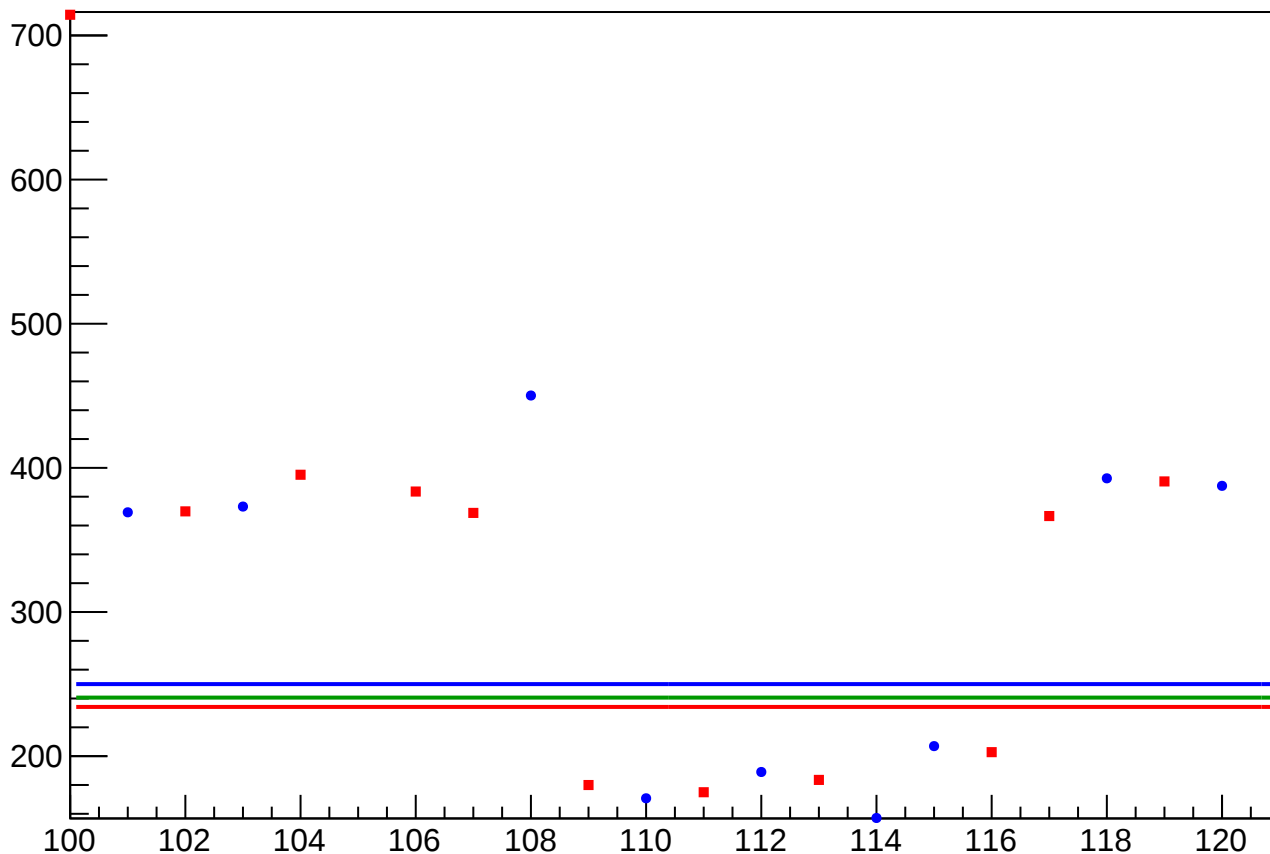
133145.022 $\pm$ 0.094 χ^2 /NDF: 143223450

Right Out: 133122.713 $\pm$ 0.122 χ^2 /NDF: 85422875.1/11

133122.713 $\pm$ 0.122 χ^2 /NDF: 85422875.1/11

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

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 249.983+/-0.104 χ^2/NDF : 925769.7/8

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

Right Out: 234.150+/-0.087 χ^2/NDF : 970137.2/11

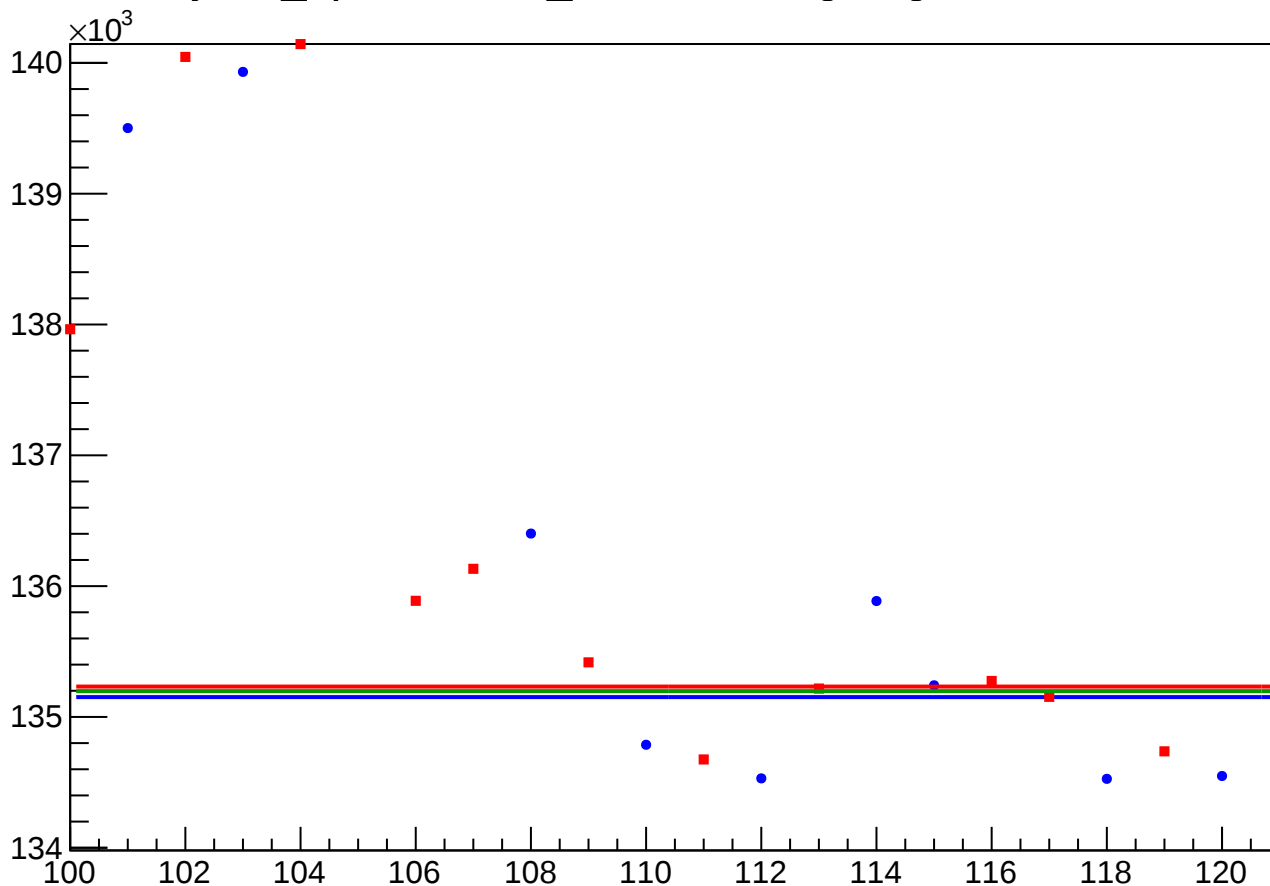
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

249.983+/-0.104 χ^2/NDF : 925769.7/8

240.625+/-0.067 χ^2/NDF : 1909574.7/20

234.150+/-0.087 χ^2/NDF : 970137.2/11

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135151.694 $\pm$ 0.071 χ^2 /NDF: 258668607.2/8

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

135151.694 $\pm$ 0.071 χ^2 /NDF: 258668607.2/8

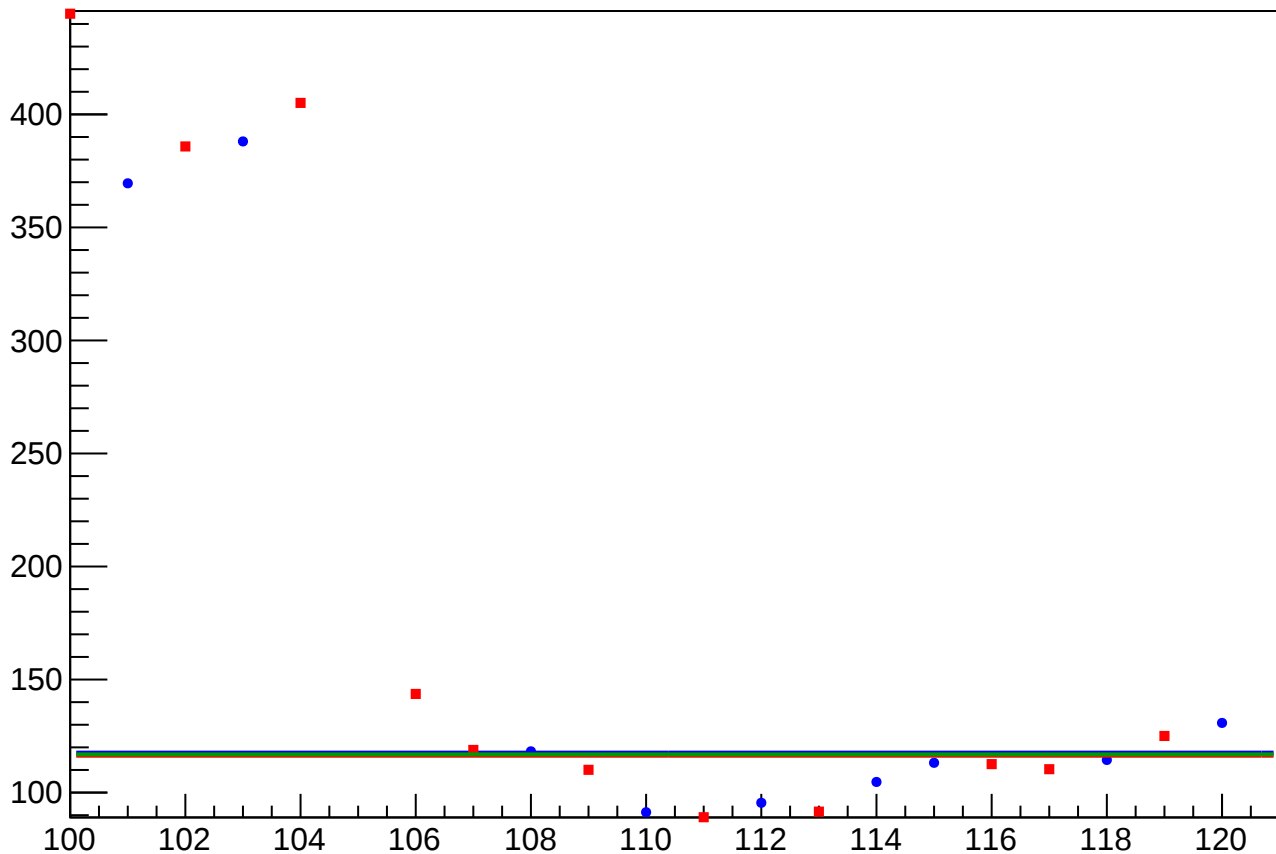
Right Out: 135232.271 $\pm$ 0.062 χ^2 /NDF: 239777636.1/11

135197.313 $\pm$ 0.047 χ^2 /NDF: 499173591

135232.271 $\pm$ 0.062 χ^2 /NDF: 239777636.1/11

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

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 117.663+/-0.050 χ^2/NDF : 1206736.3/8

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

Right Out: 116.303+/-0.044 χ^2/NDF : 1295541.8/11

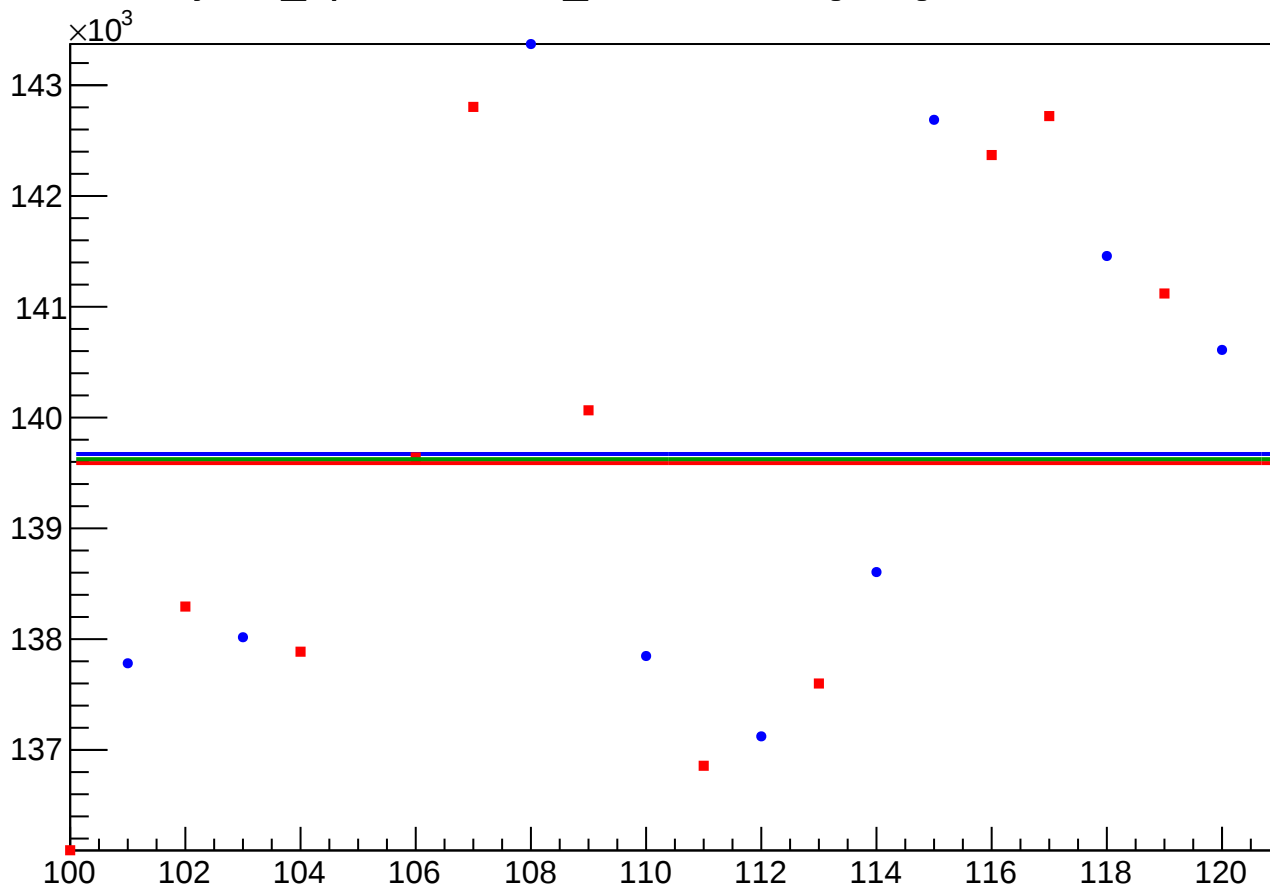
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.663+/-0.050 χ^2/NDF : 1206736.3/8

116.893+/-0.033 χ^2/NDF : 2502692.3/20

116.303+/-0.044 χ^2/NDF : 1295541.8/11

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139671.258 $\pm$ 0.084 χ^2 /NDF: 679286917.3/8

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

Right Out: 139589.052 $\pm$ 0.074 χ^2 /NDF: 839774495.9/11

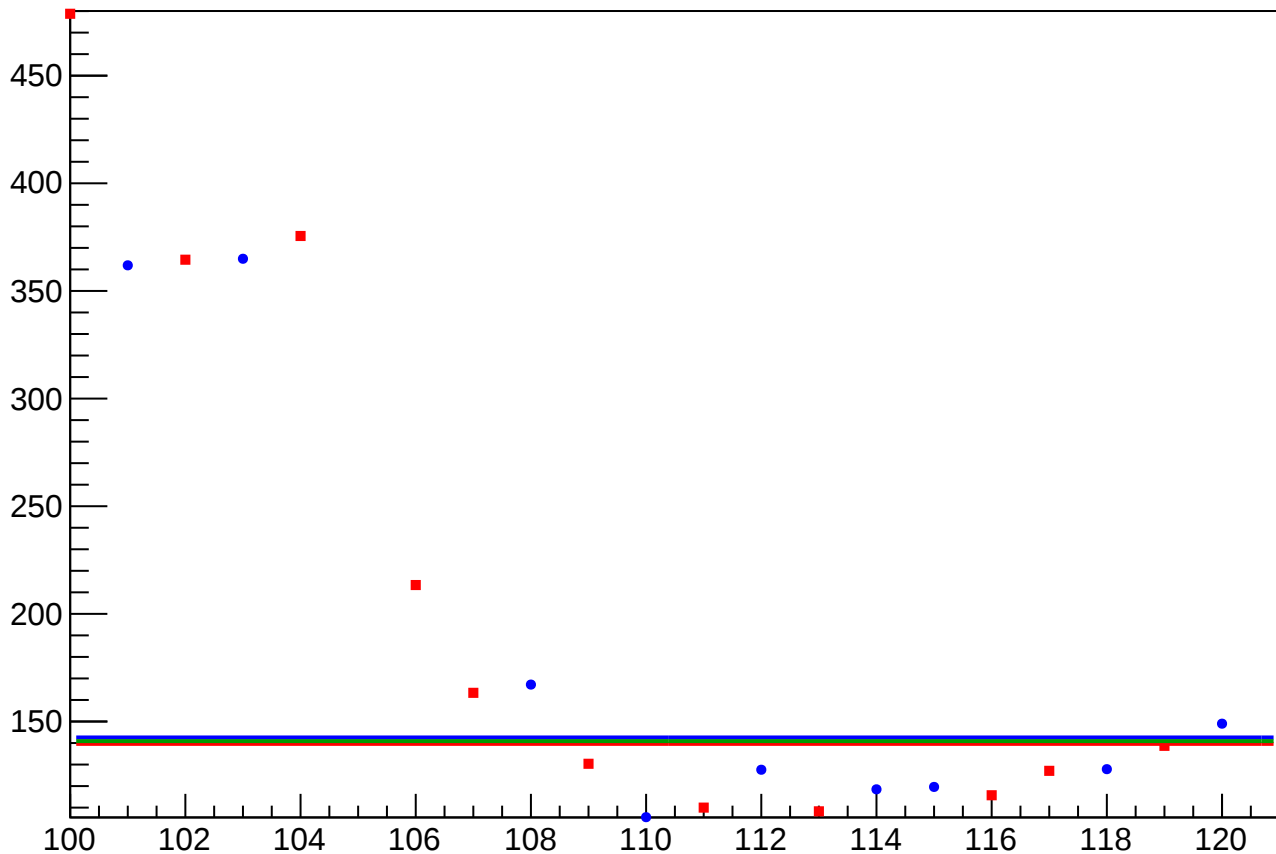
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139671.258 $\pm$ 0.084 χ^2 /NDF: 679286917.3/8

139624.567 $\pm$ 0.056 χ^2 /NDF: 151959940

139589.052 $\pm$ 0.074 χ^2 /NDF: 839774495.9/11

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 142.582 $\pm$ 0.060 χ^2 /NDF: 995024.6/8

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

Right Out: 139.615 $\pm$ 0.052 χ^2 /NDF: 1123818.5/11

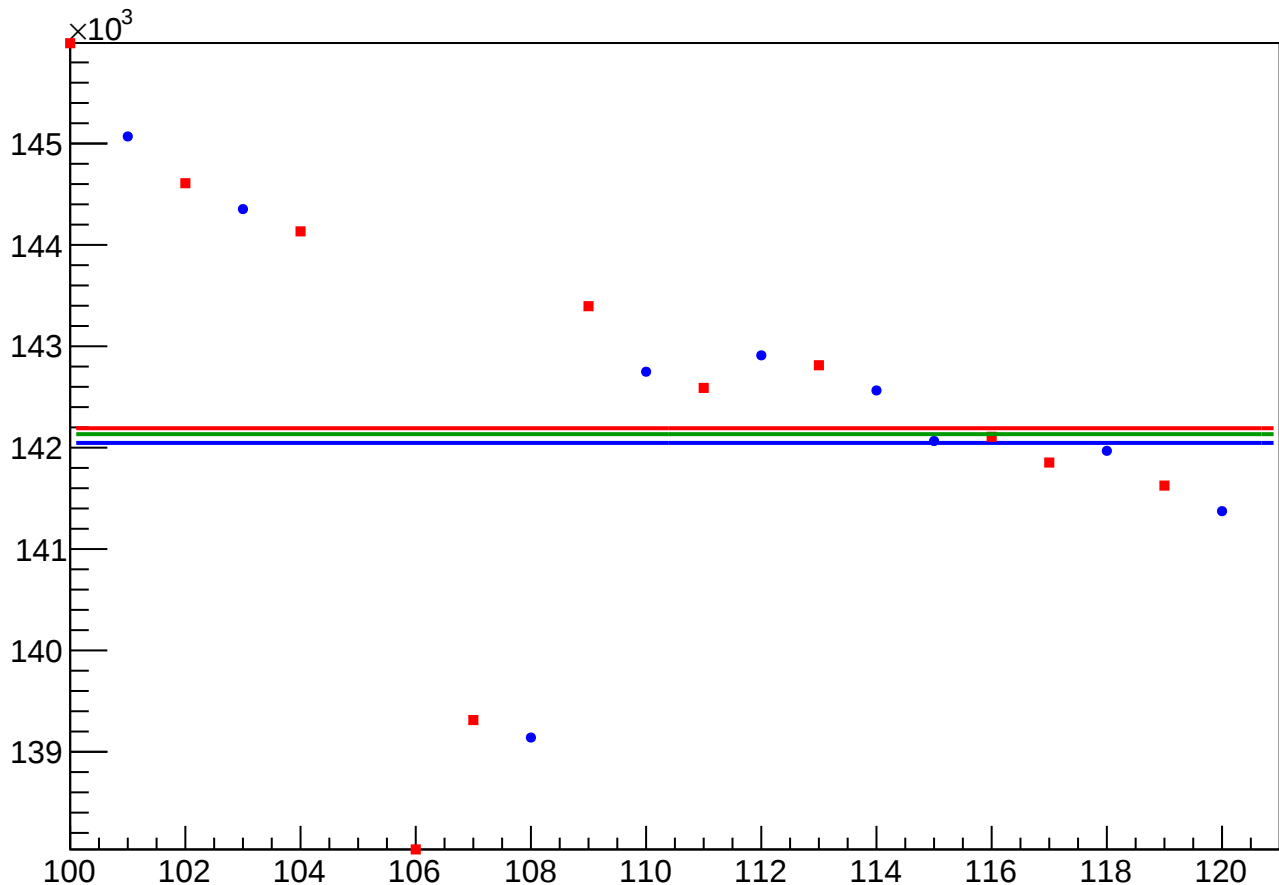
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.582 $\pm$ 0.060 χ^2 /NDF: 995024.6/8

140.897 $\pm$ 0.039 χ^2 /NDF: 2120244.8/20

139.615 $\pm$ 0.052 χ^2 /NDF: 1123818.5/11

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142046.836 $\pm$ 0.092 χ^2 /NDF: 243425371.0/8

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

Right Out: 142191.733 $\pm$ 0.076 χ^2 /NDF: 377183356.0/11

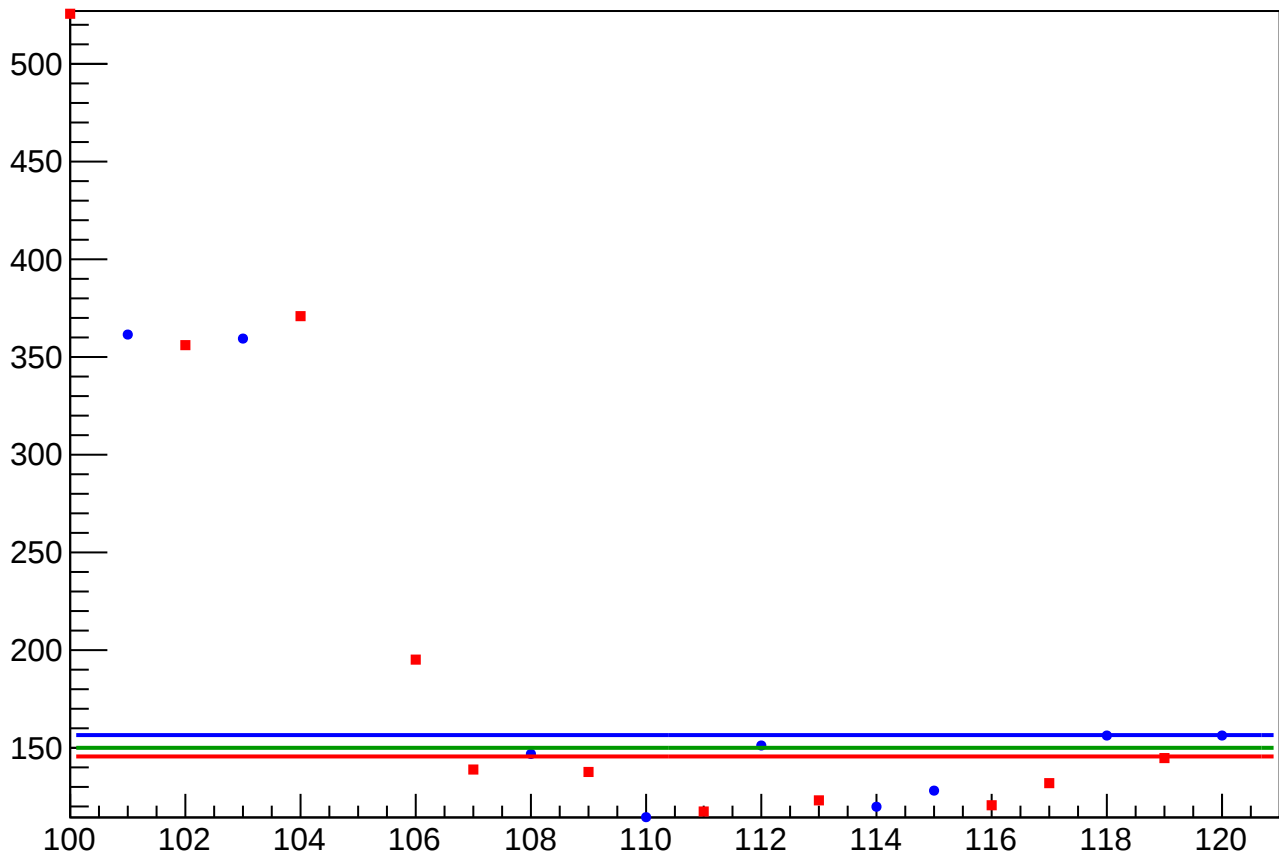
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142046.836 $\pm$ 0.092 χ^2 /NDF: 243425371.0/8

142133.184 $\pm$ 0.059 χ^2 /NDF: 622077351.0/8

142191.733 $\pm$ 0.076 χ^2 /NDF: 377183356.0/11

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.527+/-0.065 χ^2/NDF : 862330.1/8

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

Right Out: 145.590+/-0.054 χ^2/NDF : 951961.6/11

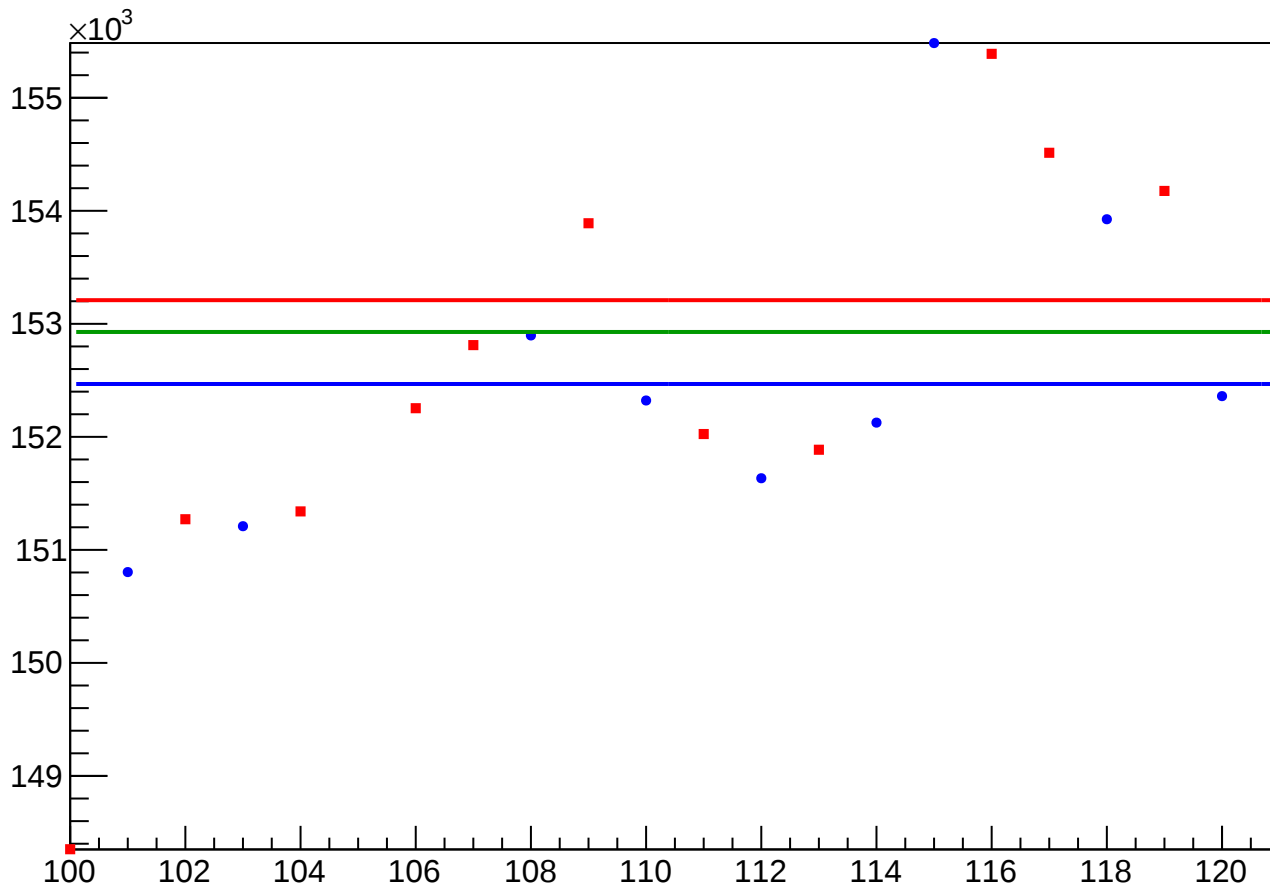
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.527+/-0.065 χ^2/NDF : 862330.1/8

150.009+/-0.041 χ^2/NDF : 1831026.1/20

145.590+/-0.054 χ^2/NDF : 951961.6/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152467.720 $\pm$ 0.111 χ^2 /NDF: 81834273.3/8

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

152467.720 $\pm$ 0.111 χ^2 /NDF: 81834273.3/8

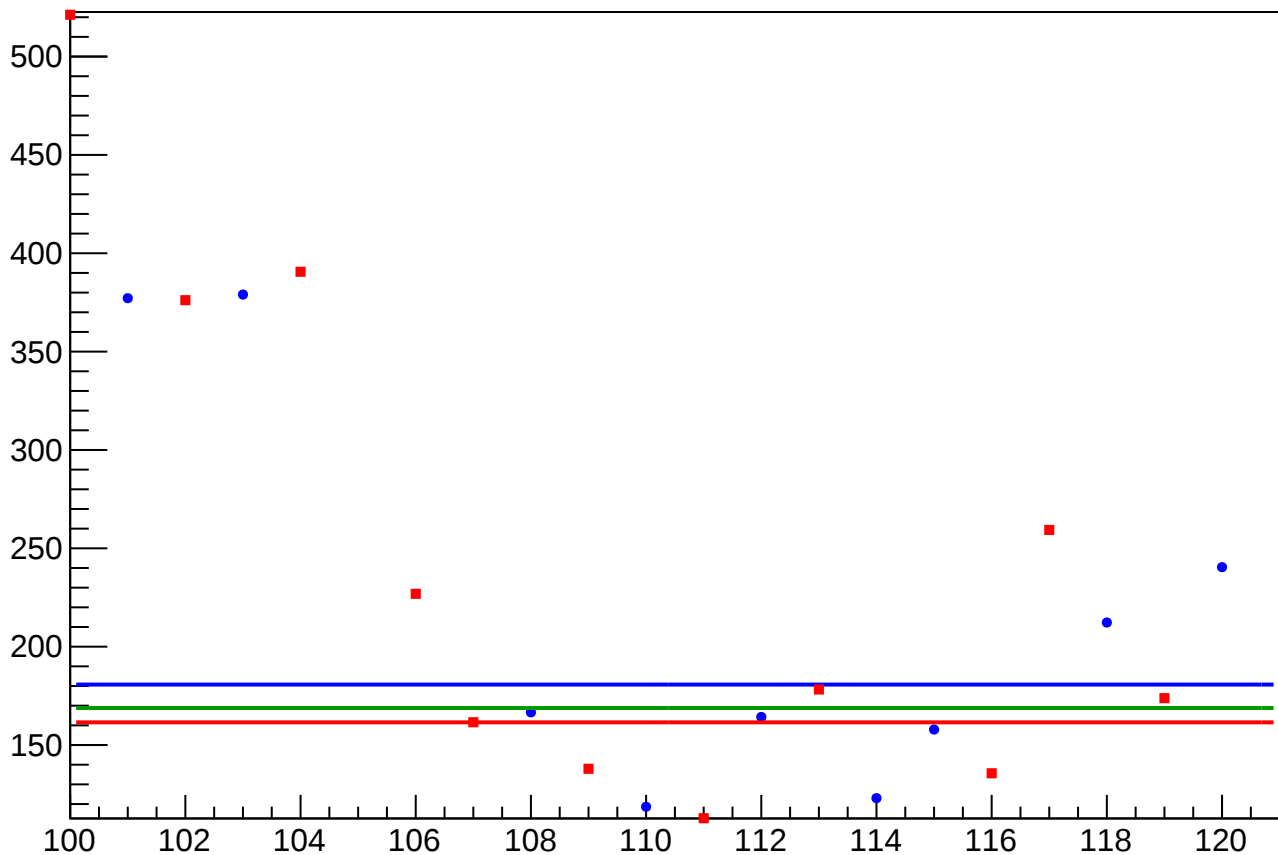
152928.051 $\pm$ 0.068 χ^2 /NDF: 325375269

Right Out: 153209.368 $\pm$ 0.087 χ^2 /NDF: 215927077.4/11

153209.368 $\pm$ 0.087 χ^2 /NDF: 215927077.4/11

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.733+/-0.079 χ^2/NDF : 909586.8/8

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

Right Out: 161.530+/-0.061 χ^2/NDF : 1016512.3/11

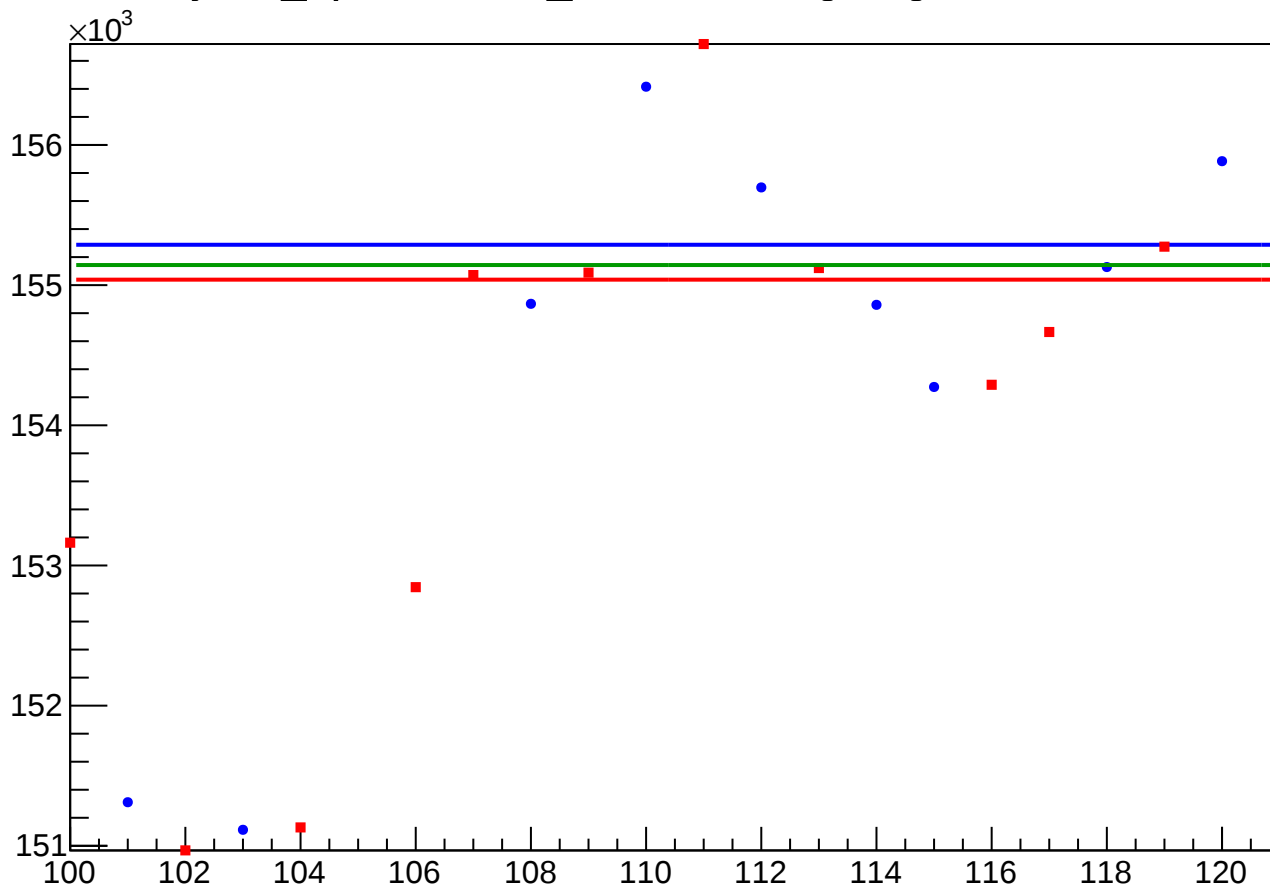
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.733+/-0.079 χ^2/NDF : 909586.8/8

168.814+/-0.048 χ^2/NDF : 1963124.4/20

161.530+/-0.061 χ^2/NDF : 1016512.3/11

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 155288.044 $\pm$ 0.088 χ^2 /NDF: 167263821.0/8

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

Right Out: 155039.116 $\pm$ 0.074 χ^2 /NDF: 260588967.7/11

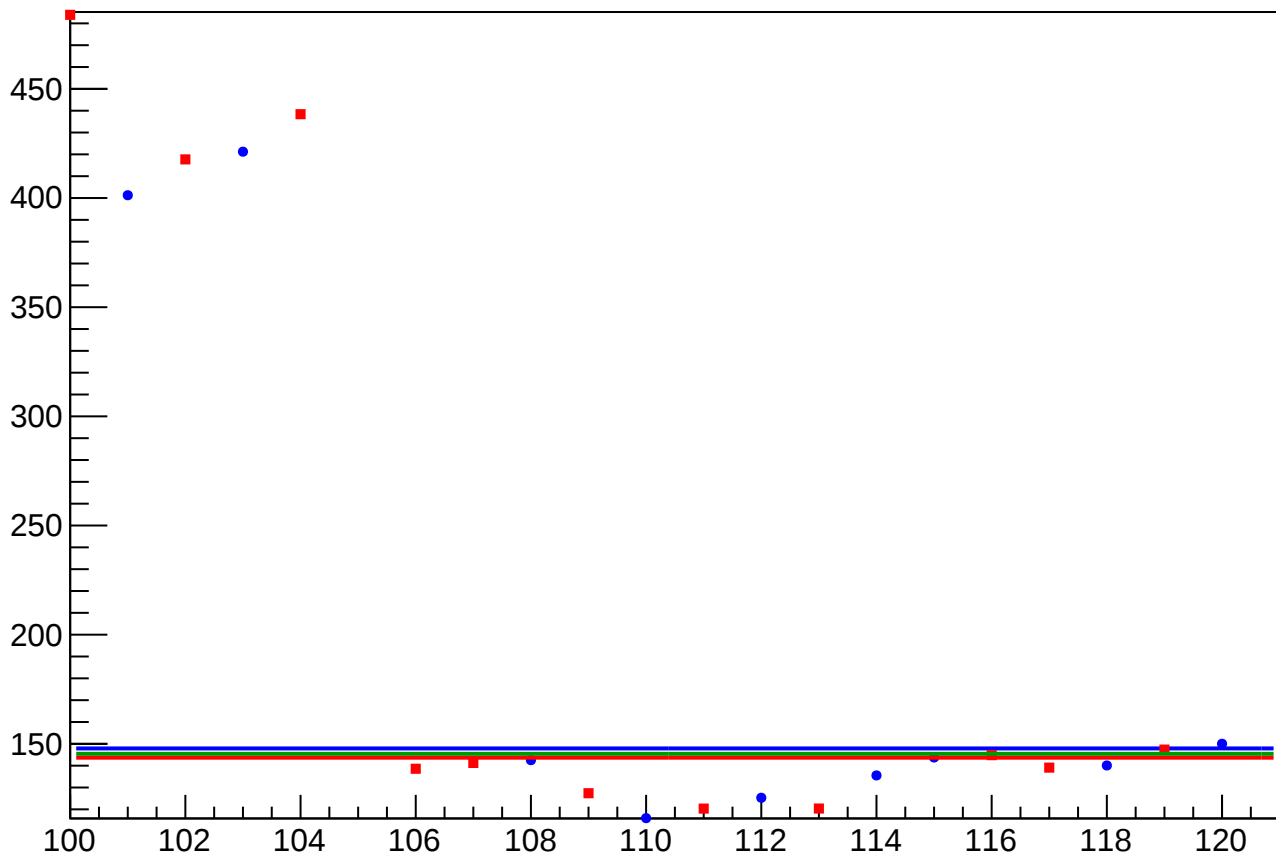
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155288.044 $\pm$ 0.088 χ^2 /NDF: 167263821.0/8

155143.402 $\pm$ 0.057 χ^2 /NDF: 432549309

155039.116 $\pm$ 0.074 χ^2 /NDF: 260588967.7/11

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 147.896+/-0.062 χ^2/NDF : 1030563.4/8

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

Right Out: 143.662+/-0.053 χ^2/NDF : 1069700.1/11

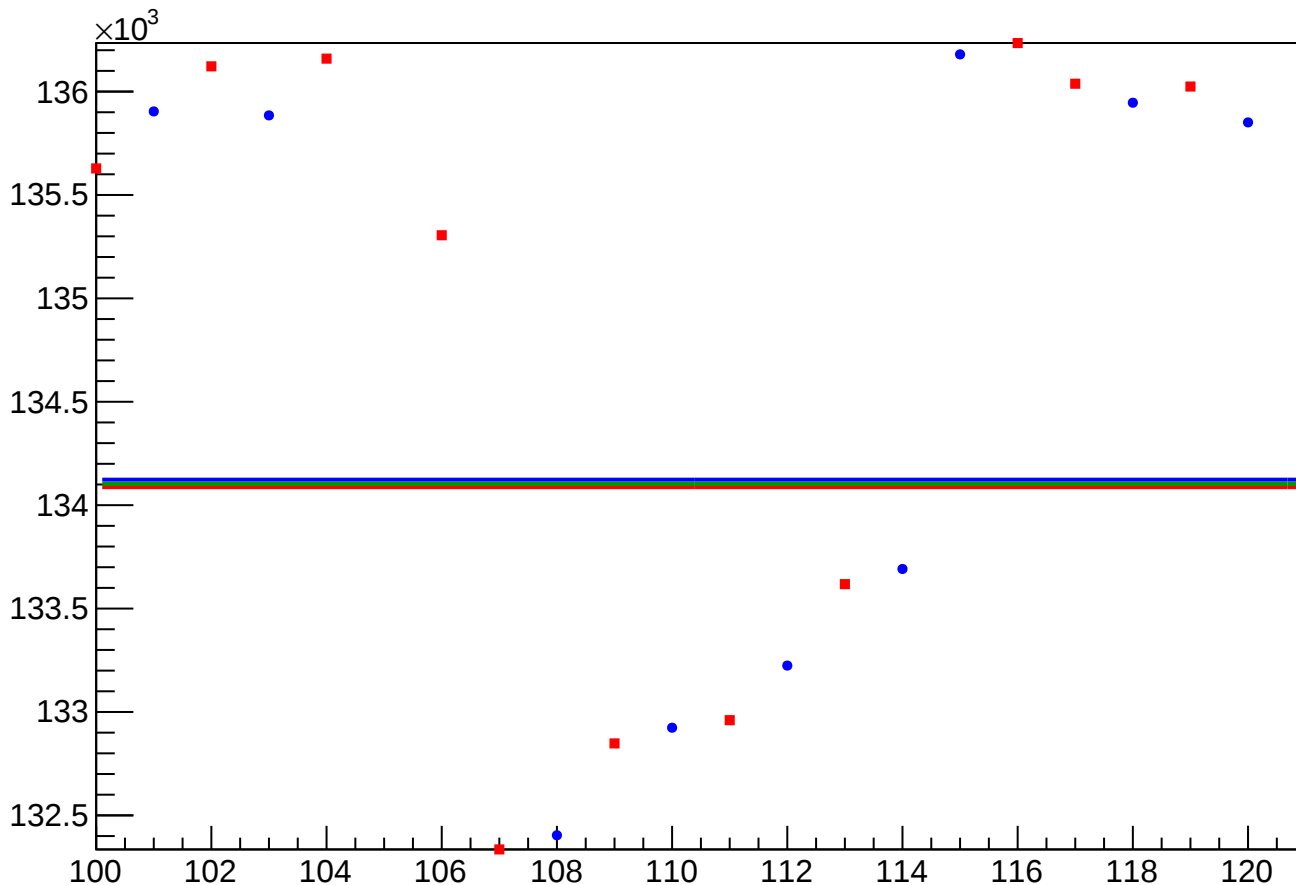
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.896+/-0.062 χ^2/NDF : 1030563.4/8

145.436+/-0.040 χ^2/NDF : 2102980.6/20

143.662+/-0.053 χ^2/NDF : 1069700.1/11

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134123.299 $\pm$ 0.066 χ^2 /NDF: 497658177.5/8

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

134123.299 $\pm$ 0.066 χ^2 /NDF: 497658177.5/8

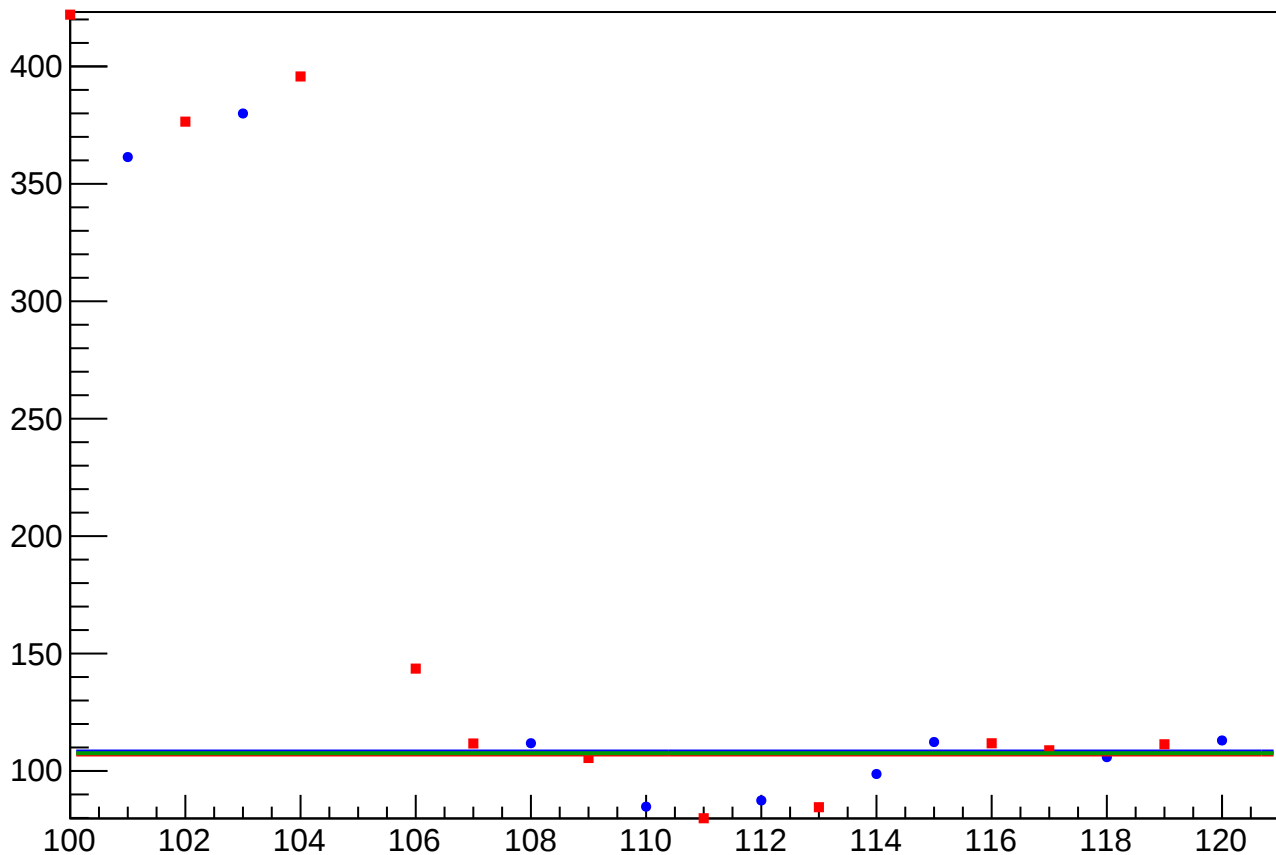
134102.810 $\pm$ 0.043 χ^2 /NDF: 113706113

Right Out: 134087.251 $\pm$ 0.057 χ^2 /NDF: 639231329.5/11

134087.251 $\pm$ 0.057 χ^2 /NDF: 639231329.5/11

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

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 108.284+/-0.046 χ^2/NDF : 1259038.0/8

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

Right Out: 107.015+/-0.040 χ^2/NDF : 1357524.6/11

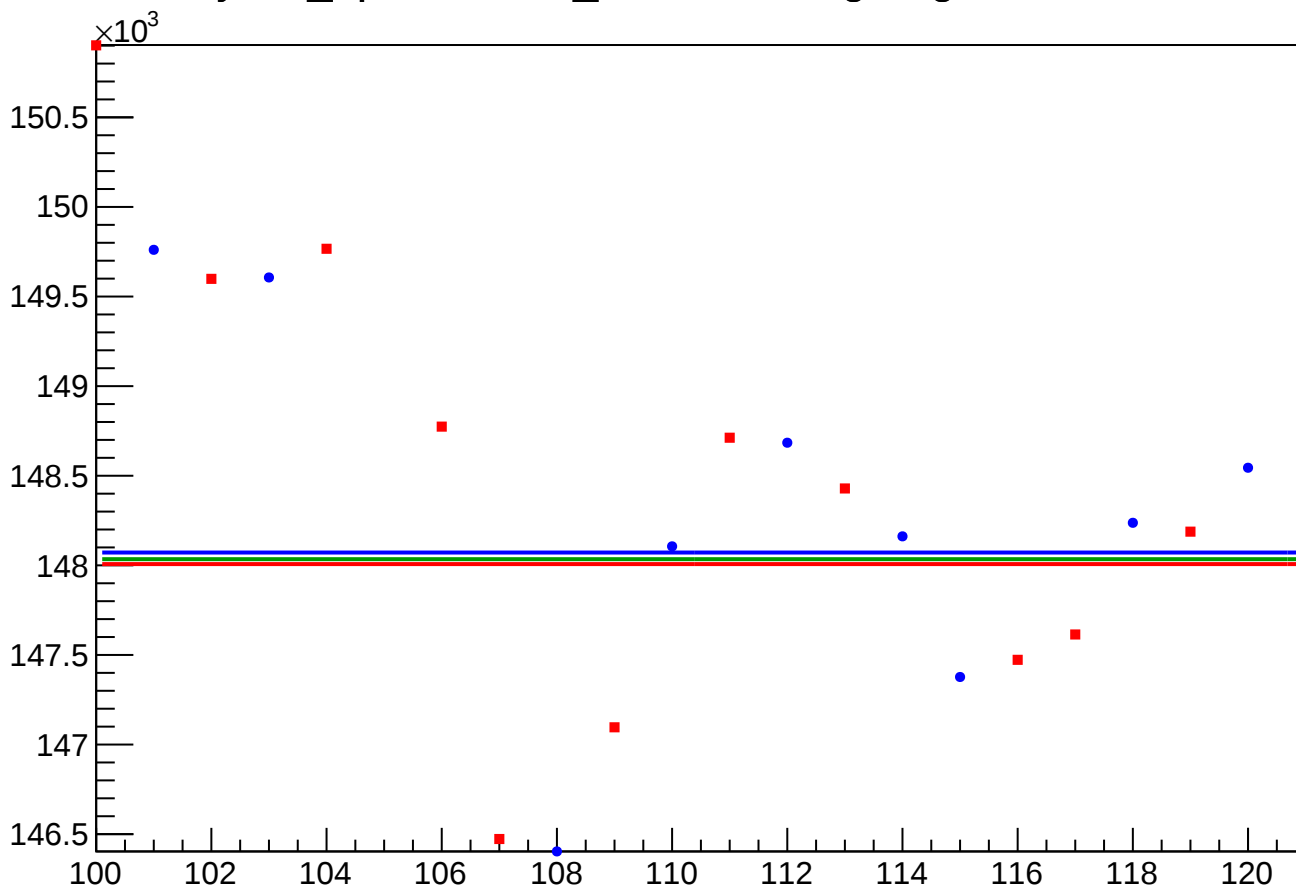
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

108.284+/-0.046 χ^2/NDF : 1259038.0/8

107.563+/-0.030 χ^2/NDF : 2616987.9/20

107.015+/-0.040 χ^2/NDF : 1357524.6/11

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 148071.532 $\pm$ 0.082 χ^2 /NDF: 103929854.0/8

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

148071.532 $\pm$ 0.082 χ^2 /NDF: 103929854.0/8

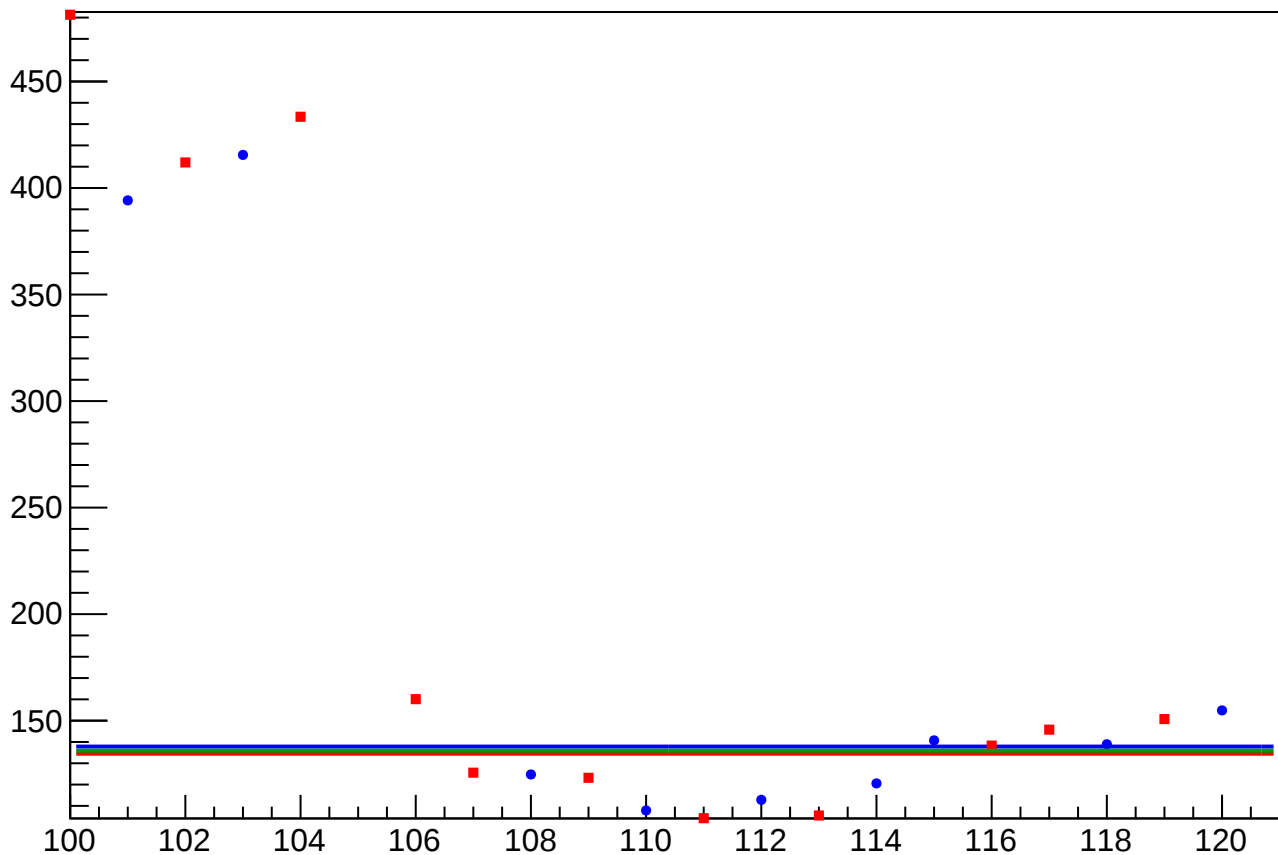
148034.417 $\pm$ 0.054 χ^2 /NDF: 240794644

Right Out: 148007.027 $\pm$ 0.071 χ^2 /NDF: 136511943.8/11

148007.027 $\pm$ 0.071 χ^2 /NDF: 136511943.8/11

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

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 137.841+/-0.058 χ^2/NDF : 1117128.3/8

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

Right Out: 134.481+/-0.050 χ^2/NDF : 1230952.1/11

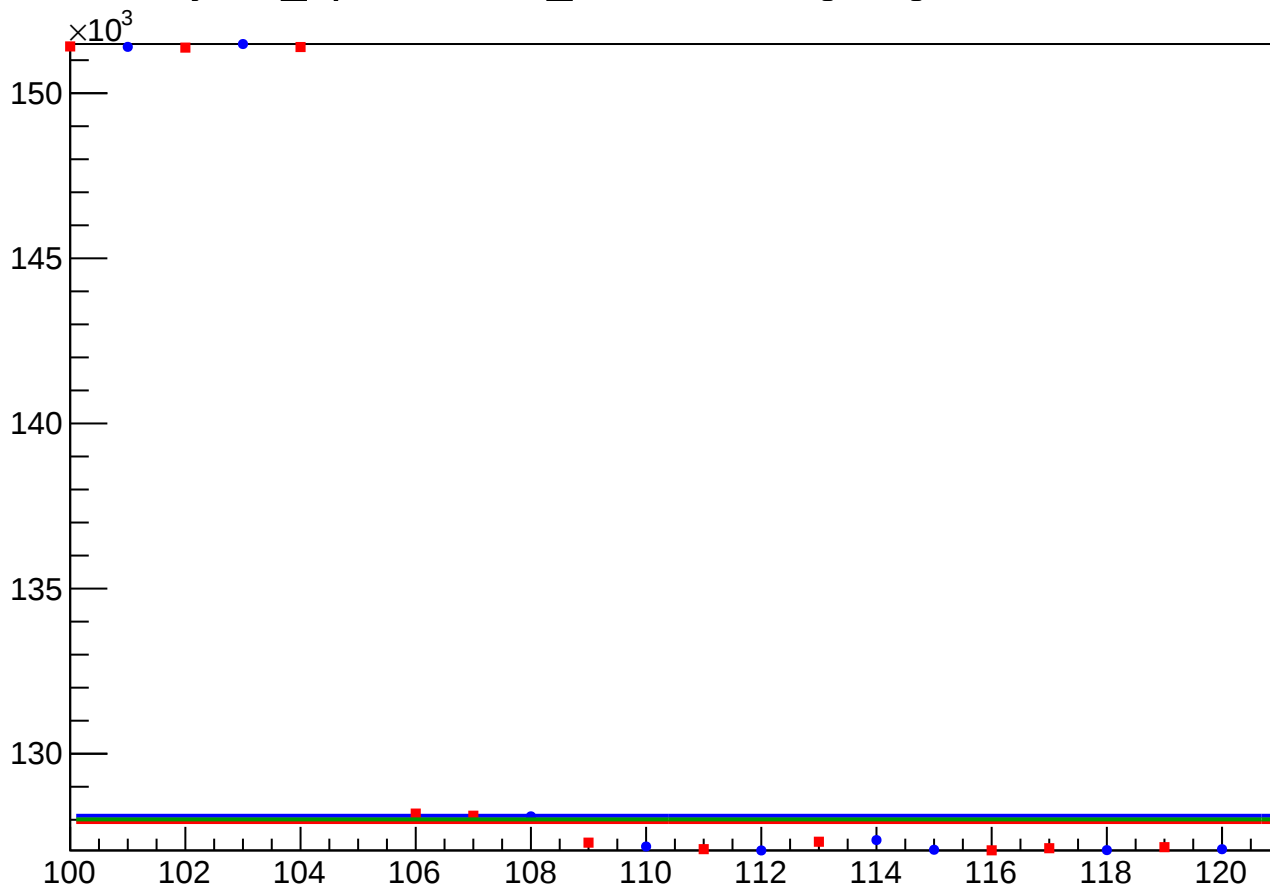
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.841+/-0.058 χ^2/NDF : 1117128.3/8

135.907+/-0.038 χ^2/NDF : 2349995.2/20

134.481+/-0.050 χ^2/NDF : 1230952.1/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128120.705 $\pm$ 0.070 χ^2 /NDF: 4141231854.4/8

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

Right Out: 127931.540 $\pm$ 0.061 χ^2 /NDF: 3629307095.3/11

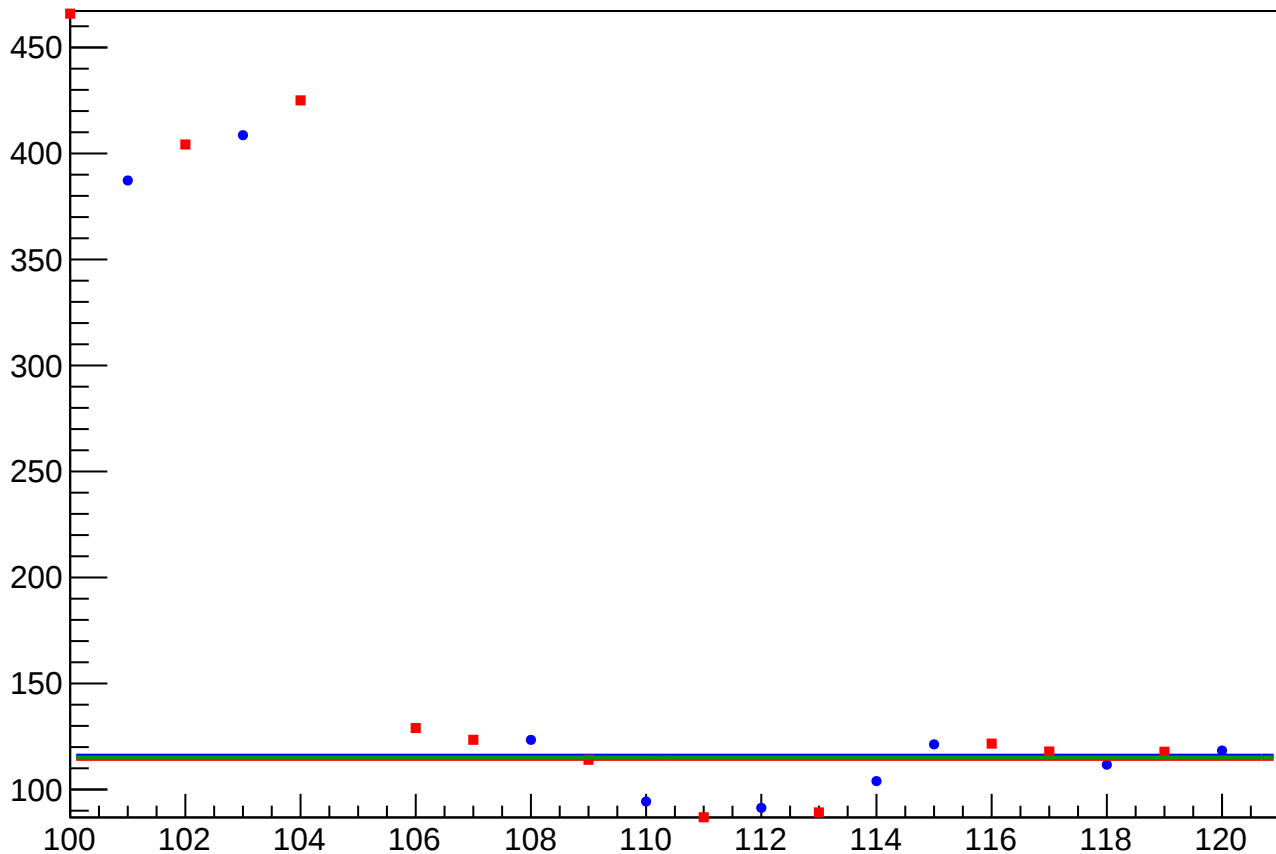
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128120.705 $\pm$ 0.070 χ^2 /NDF: 4141231854.4/8

128012.027 $\pm$ 0.046 χ^2 /NDF: 777469814

127931.540 $\pm$ 0.061 χ^2 /NDF: 3629307095.3/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 115.943+/-0.050 χ^2/NDF : 1260115.7/8

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

Right Out: 114.447+/-0.043 χ^2/NDF : 1335819.5/11

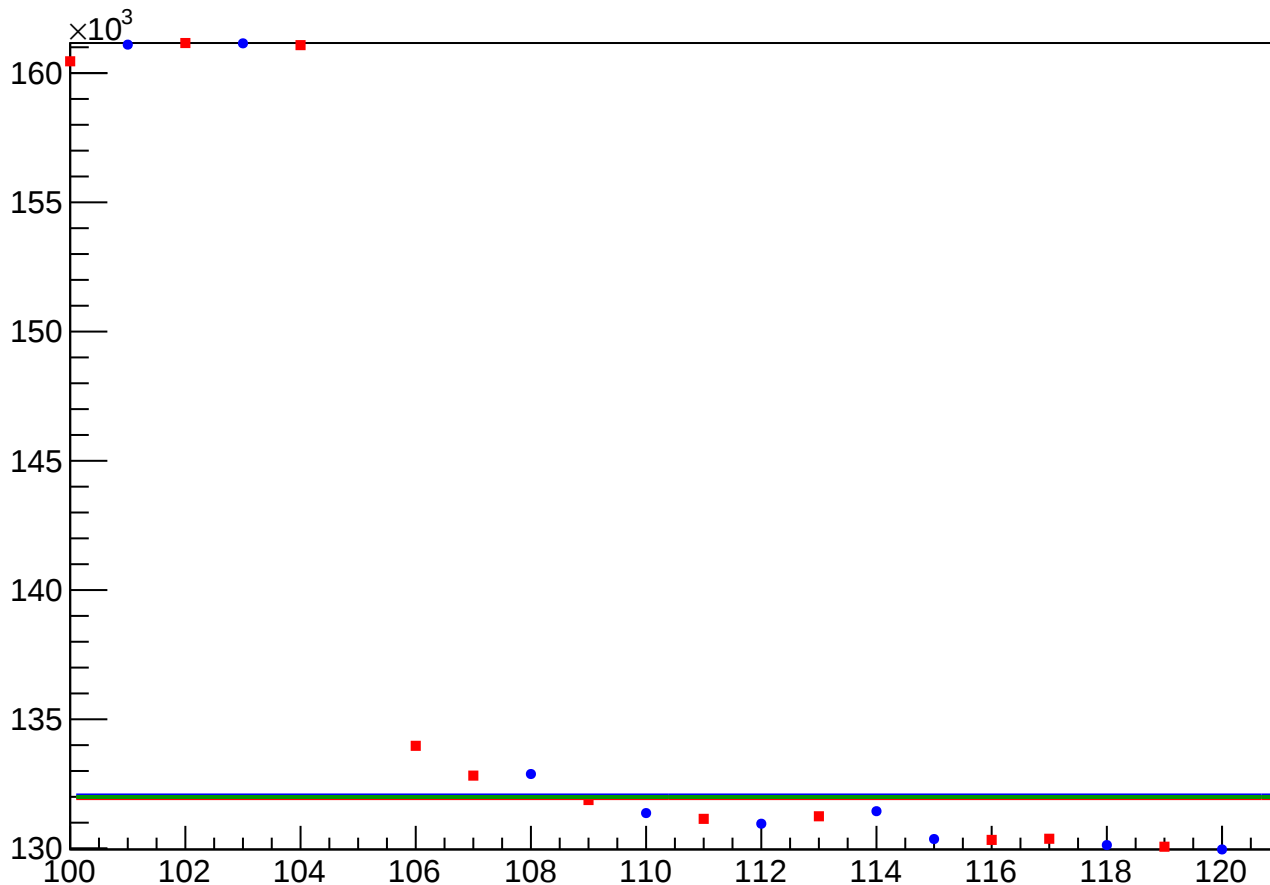
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.943+/-0.050 χ^2/NDF : 1260115.7/8

115.084+/-0.032 χ^2/NDF : 2596455.9/20

114.447+/-0.043 χ^2/NDF : 1335819.5/11

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 132053.041 $\pm$ 0.074 χ^2 /NDF: 5886251545.0/8

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

Right Out: 131950.862 $\pm$ 0.063 χ^2 /NDF: 5275587703.3/11

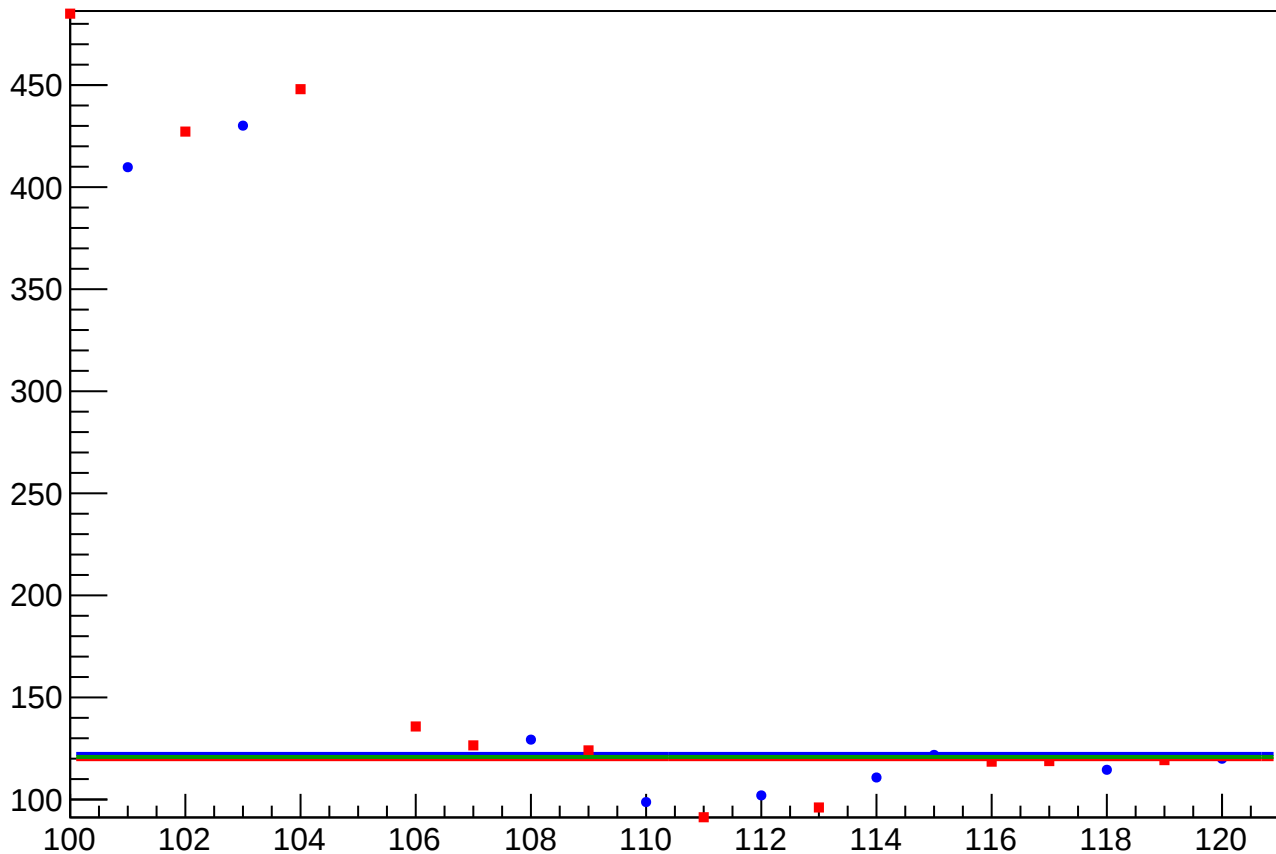
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132053.041 $\pm$ 0.074 χ^2 /NDF: 5886251545.0/8

131993.976 $\pm$ 0.048 χ^2 /NDF: 111629415

131950.862 $\pm$ 0.063 χ^2 /NDF: 5275587703.3/11

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 122.330+/-0.052 χ^2/NDF : 1238480.5/8

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

Right Out: 119.752+/-0.045 χ^2/NDF : 1318816.6/11

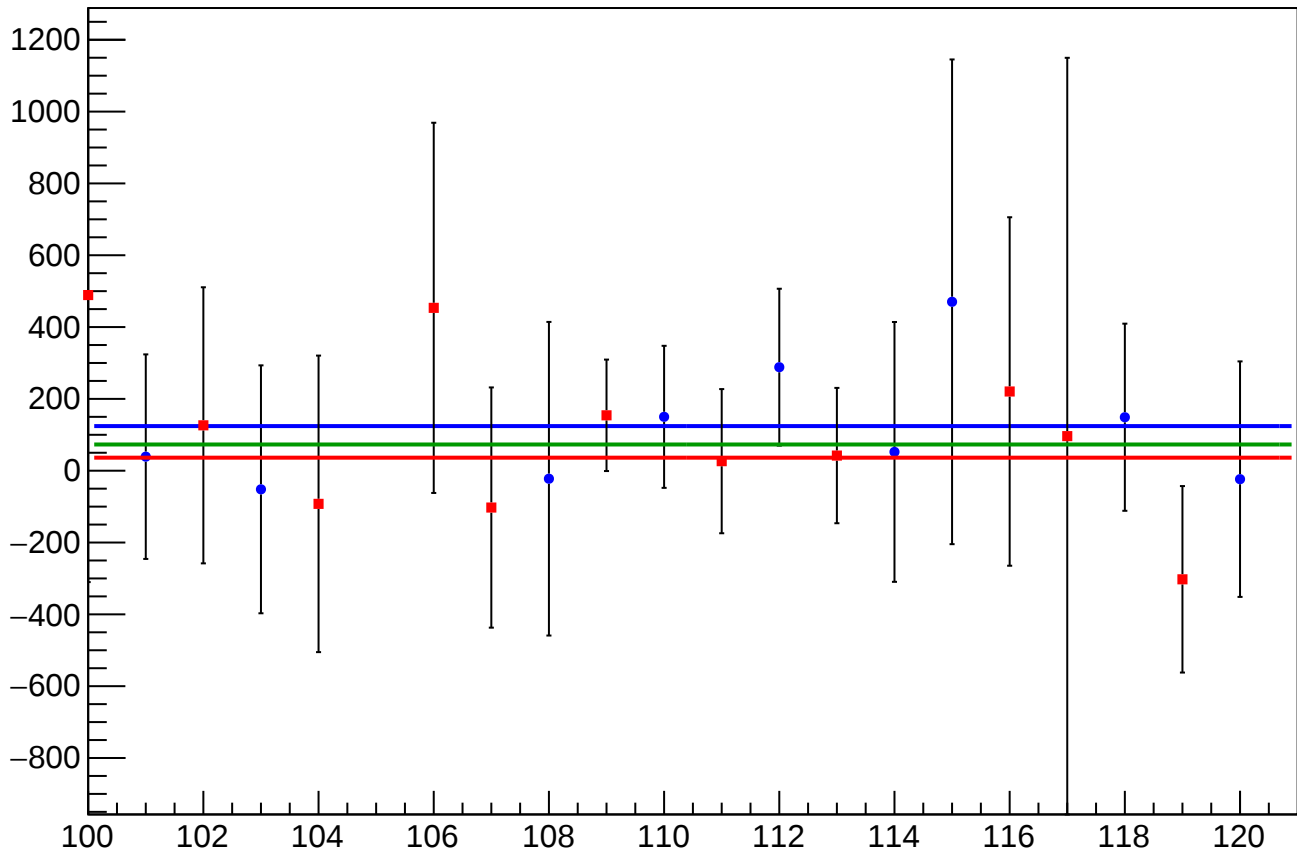
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.330+/-0.052 χ^2/NDF : 1238480.5/8

120.840+/-0.034 χ^2/NDF : 2558700.6/20

119.752+/-0.045 χ^2/NDF : 1318816.6/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 124.251+/-96.965 χ^2/NDF : 1.6/8

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

Right Out: 36.307+/-82.068 χ^2/NDF : 4.1/11

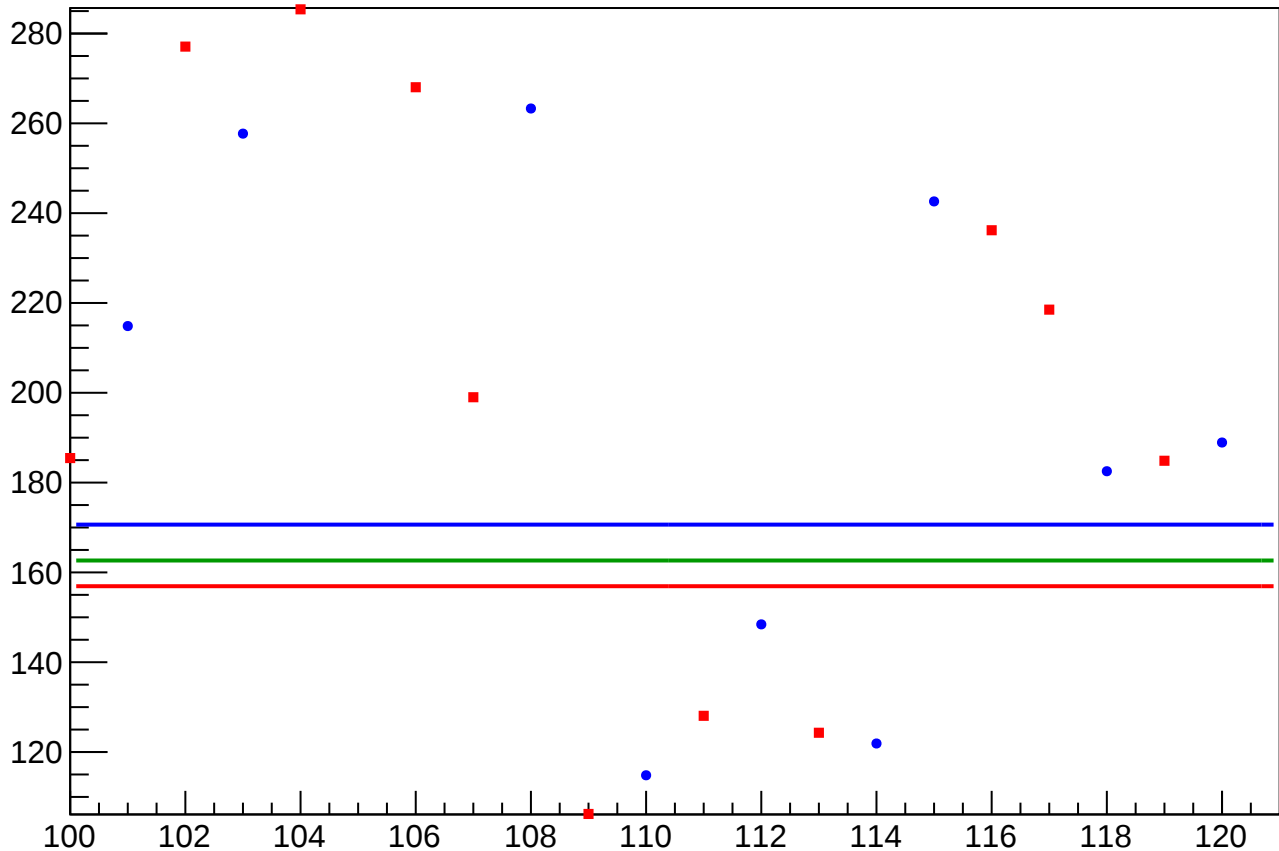
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

124.251+/-96.965 χ^2/NDF : 1.6/8

73.012+/-62.643 χ^2/NDF : 6.1/20

36.307+/-82.068 χ^2/NDF : 4.1/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 170.641 $\pm$ 0.069 χ^2 /NDF: 514934.1/8

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

Right Out: 156.926 $\pm$ 0.058 χ^2 /NDF: 993472.2/11

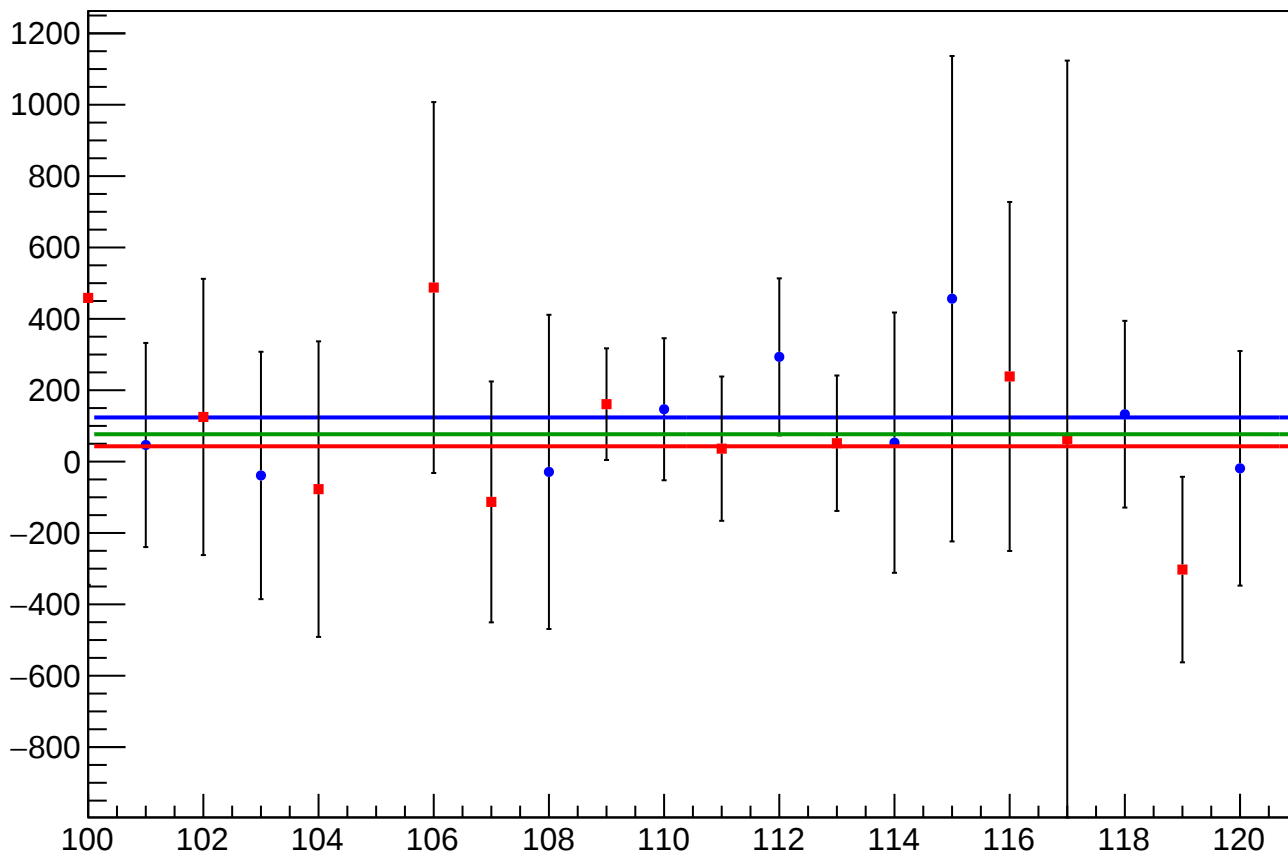
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.641 $\pm$ 0.069 χ^2 /NDF: 514934.1/8

162.650 $\pm$ 0.044 χ^2 /NDF: 1531719.5/20

156.926 $\pm$ 0.058 χ^2 /NDF: 993472.2/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 123.774 +/- 97.514 χ^2/NDF : 1.5/8

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

Right Out: 42.892 +/- 82.605 χ^2/NDF : 4.1/11

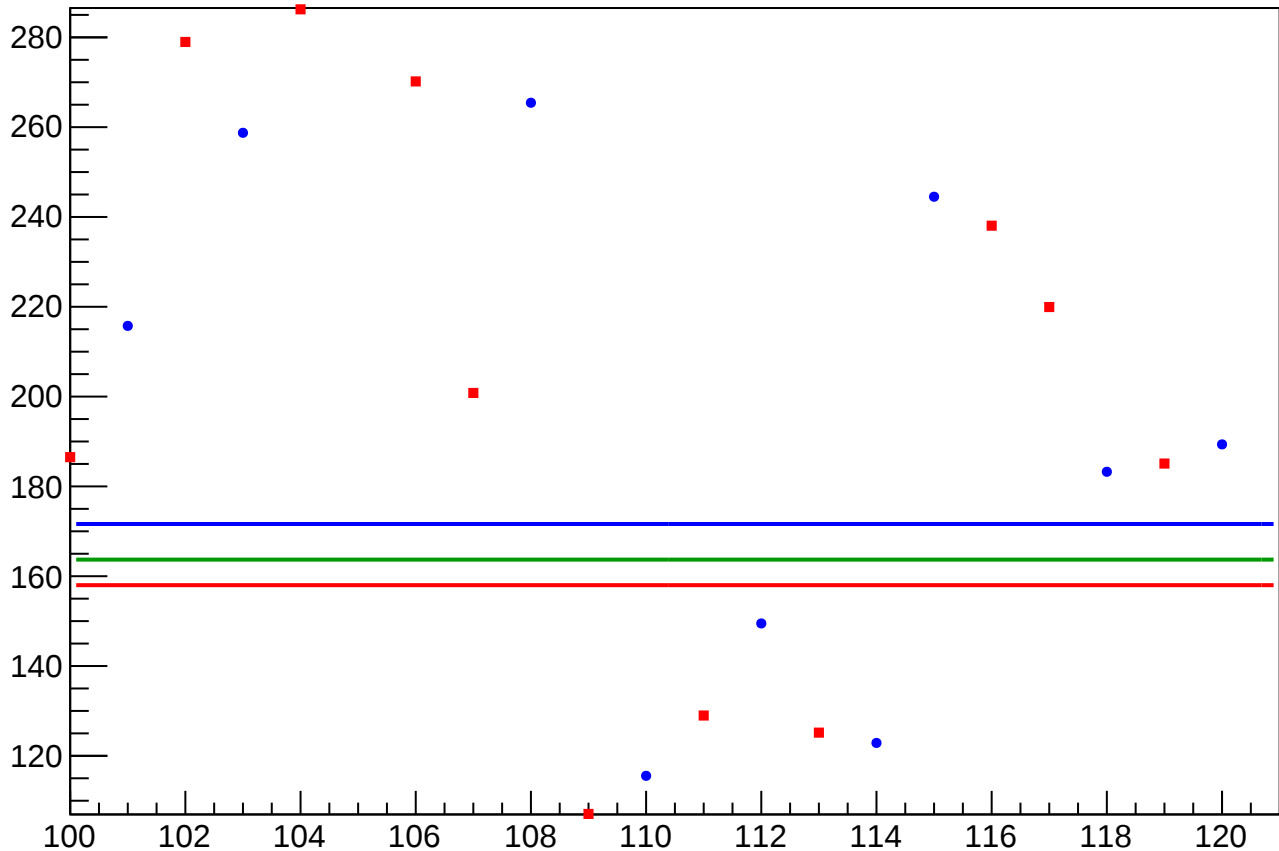
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

123.774 +/- 97.514 χ^2/NDF : 1.5/8

76.684 +/- 63.029 χ^2/NDF : 6.0/20

42.892 +/- 82.605 χ^2/NDF : 4.1/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 171.630+/-0.069 χ^2/NDF : 512309.0/8

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

Right Out: 158.004+/-0.058 χ^2/NDF : 987998.9/11

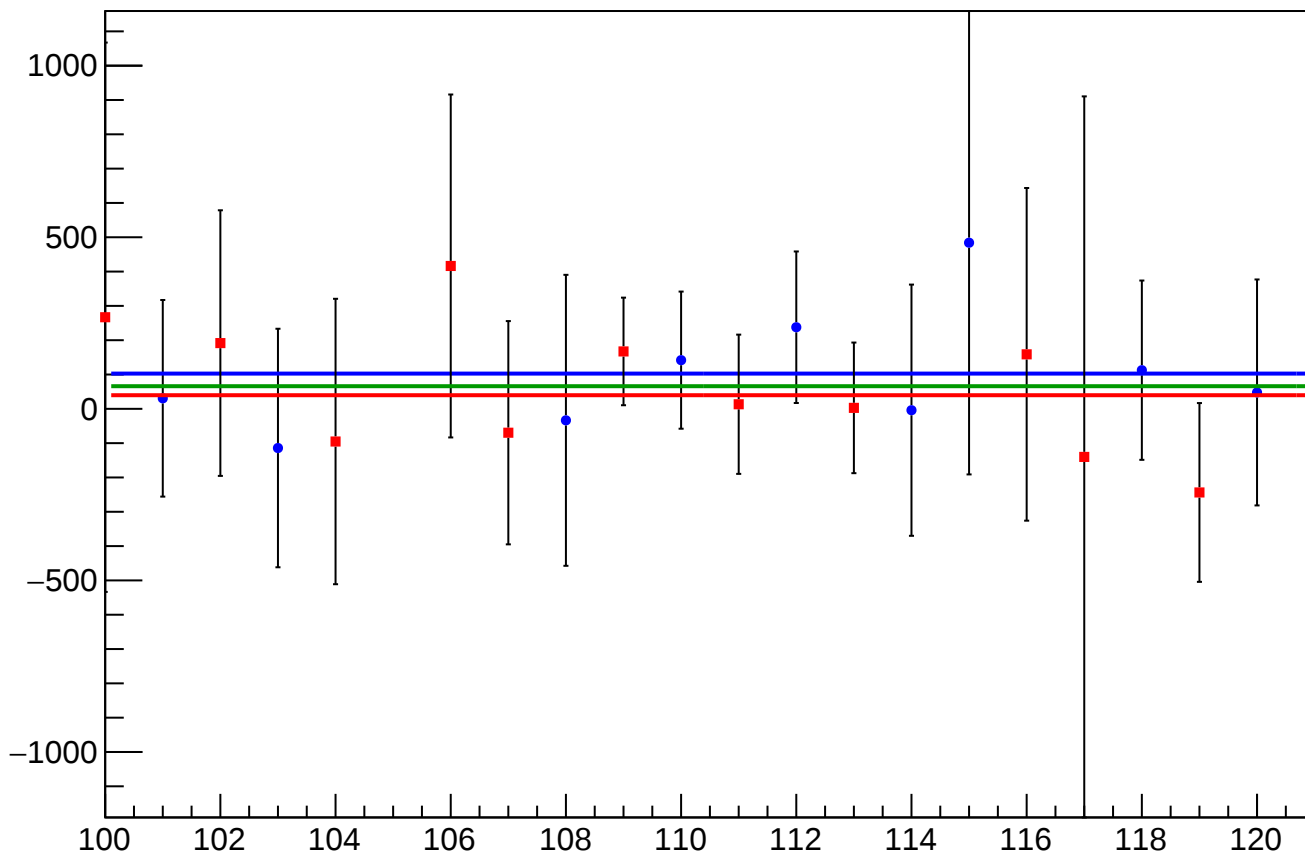
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.630+/-0.069 χ^2/NDF : 512309.0/8

163.697+/-0.045 χ^2/NDF : 1523041.7/20

158.004+/-0.058 χ^2/NDF : 987998.9/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 102.706 $\pm$ 97.535 χ^2 /NDF: 1.4/8

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

Right Out: 39.684 $\pm$ 82.484 χ^2 /NDF: 3.1/11

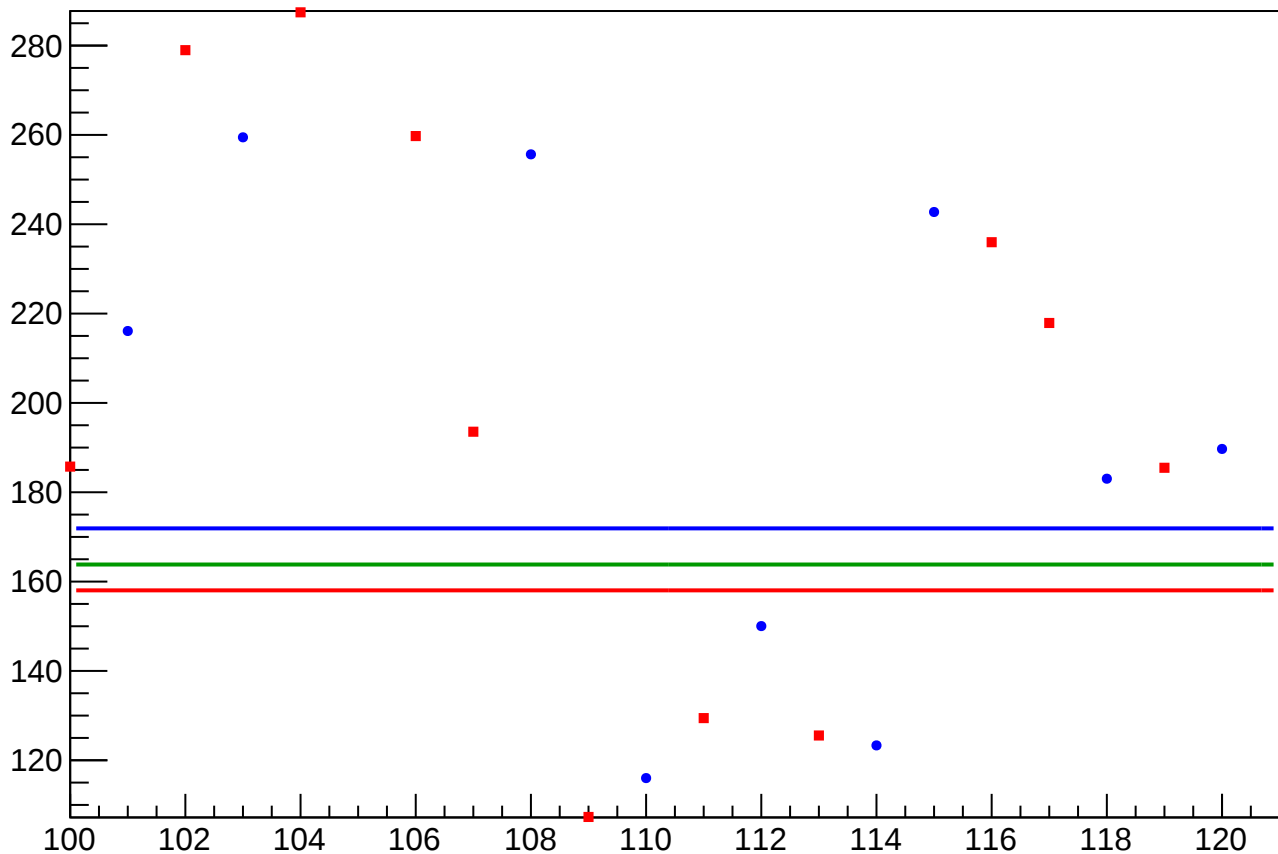
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

102.706 $\pm$ 97.535 χ^2 /NDF: 1.4/8

65.962 $\pm$ 62.981 χ^2 /NDF: 4.7/20

39.684 $\pm$ 82.484 χ^2 /NDF: 3.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 171.913+/-0.069 χ^2/NDF : 495380.6/8

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

Right Out: 158.036+/-0.058 χ^2/NDF : 964023.5/11

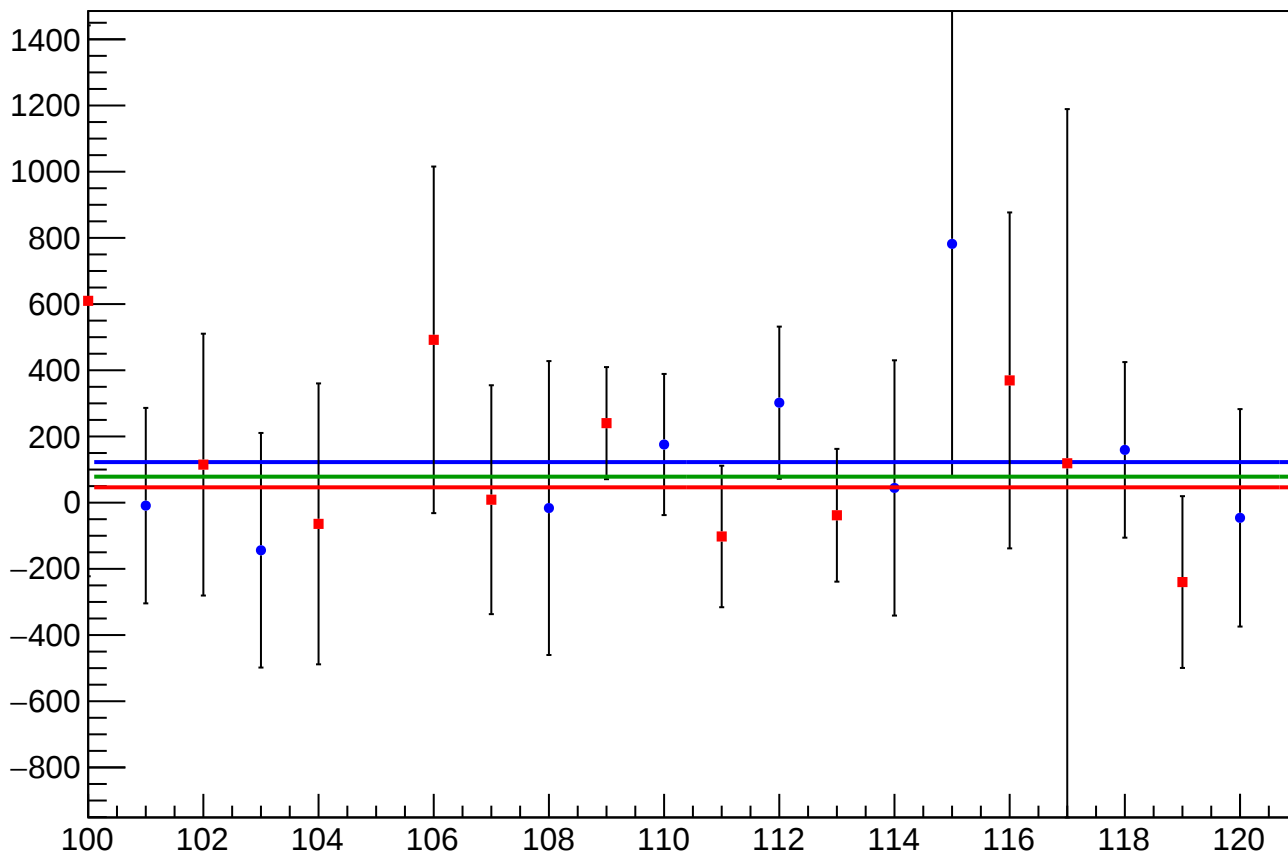
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.913+/-0.069 χ^2/NDF : 495380.6/8

163.823+/-0.045 χ^2/NDF : 1483007.1/20

158.036+/-0.058 χ^2/NDF : 964023.5/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 122.565+/-101.209 χ^2/NDF : 2.7/8

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

Right Out: 46.340+/-86.550 χ^2/NDF : 4.9/11

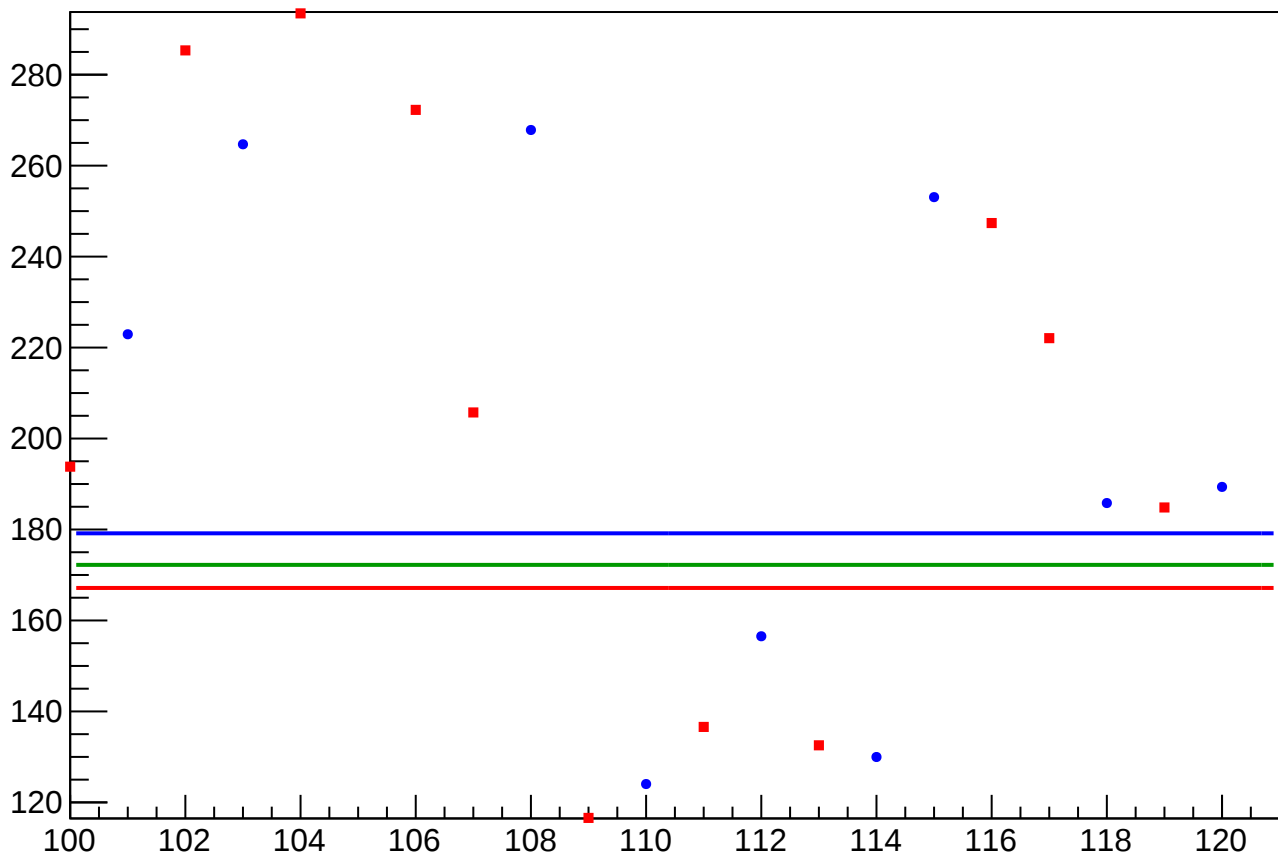
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.565+/-101.209 χ^2/NDF : 2.7/8

78.537+/-65.778 χ^2/NDF : 8.0/20

46.340+/-86.550 χ^2/NDF : 4.9/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 179.159+/-0.072 χ^2/NDF : 451000.9/8

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

Right Out: 167.148+/-0.061 χ^2/NDF : 869911.1/11

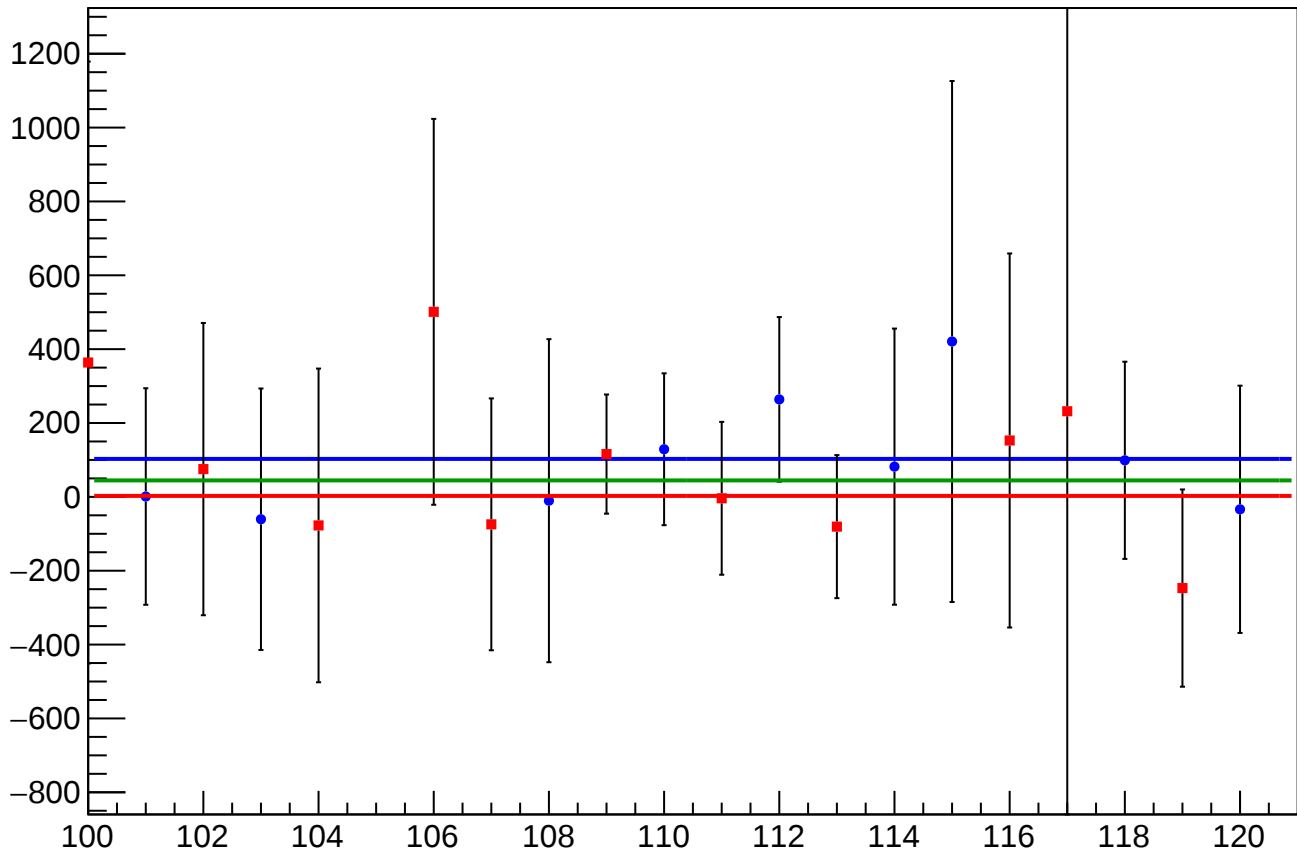
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.159+/-0.072 χ^2/NDF : 451000.9/8

172.221+/-0.047 χ^2/NDF : 1337183.6/20

167.148+/-0.061 χ^2/NDF : 869911.1/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 102.789+/-99.640 χ^2/NDF : 1.3/8

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

Right Out: 2.593+/-84.571 χ^2/NDF : 3.1/11

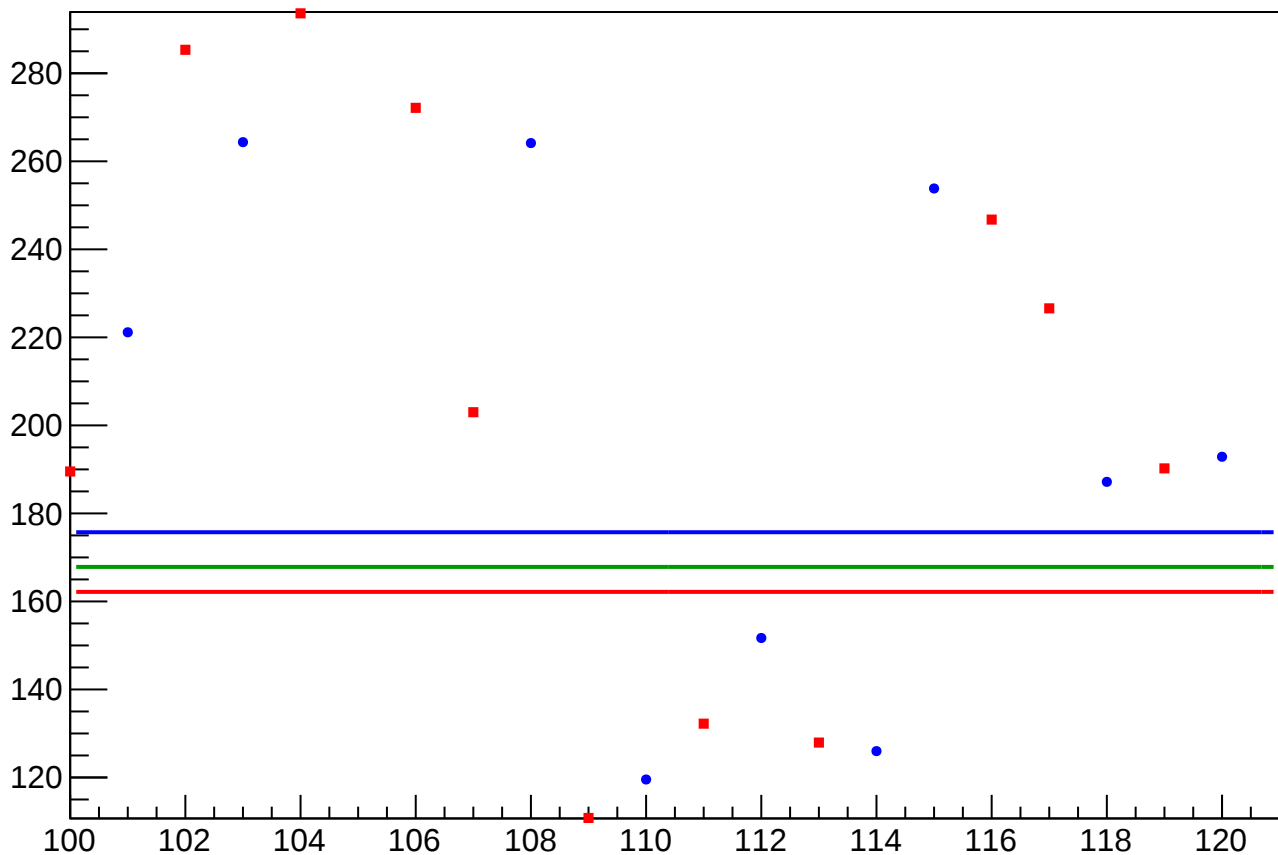
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

102.789+/-99.640 χ^2/NDF : 1.3/8

44.549+/-64.477 χ^2/NDF : 5.0/20

2.593+/-84.571 χ^2/NDF : 3.1/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 175.723+/-0.070 χ^2/NDF : 496477.2/8

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

Right Out: 162.171+/-0.060 χ^2/NDF : 968253.6/11

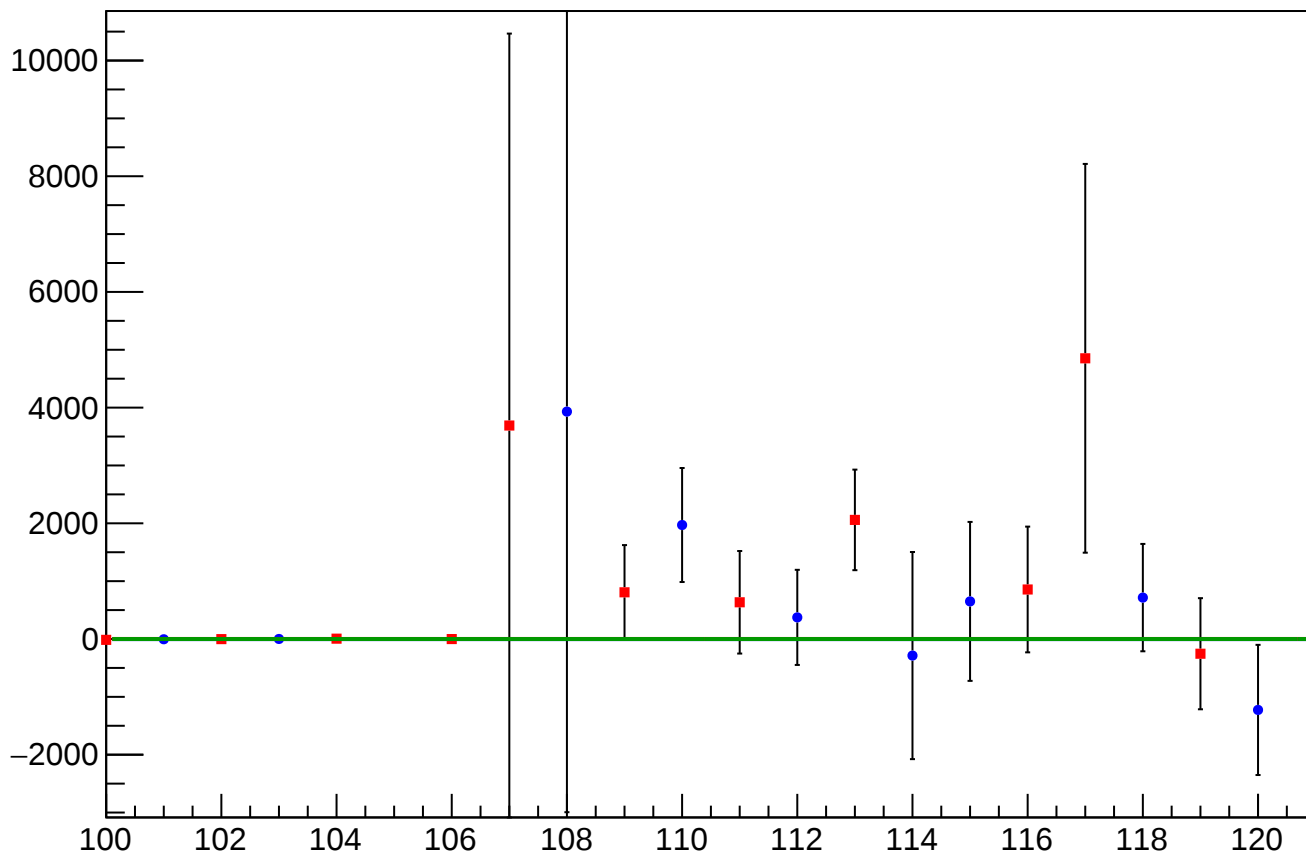
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.723+/-0.070 χ^2/NDF : 496477.2/8

167.845+/-0.046 χ^2/NDF : 1486235.5/20

162.171+/-0.060 χ^2/NDF : 968253.6/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.506+/-2.252 χ^2/NDF : 7.9/8

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

Right Out: 0.735+/-2.111 χ^2/NDF : 16.4/11

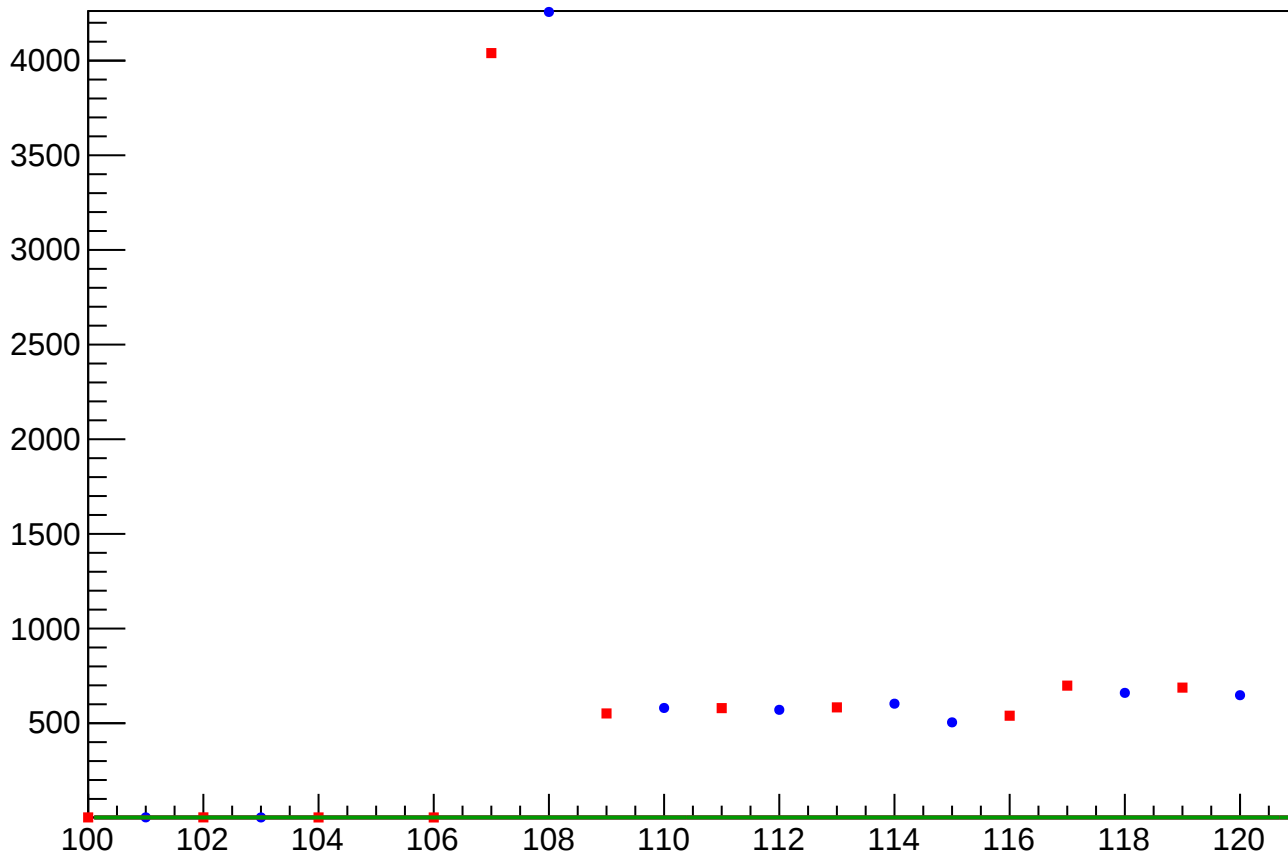
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.506+/-2.252 χ^2/NDF : 7.9/8

-0.314+/-1.540 χ^2/NDF : 24.8/20

0.735+/-2.111 χ^2/NDF : 16.4/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.427 $\pm$ 0.002 χ^2 /NDF: 4567583.8/8

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

Right Out: 2.415 $\pm$ 0.001 χ^2 /NDF: 5722373.1/11

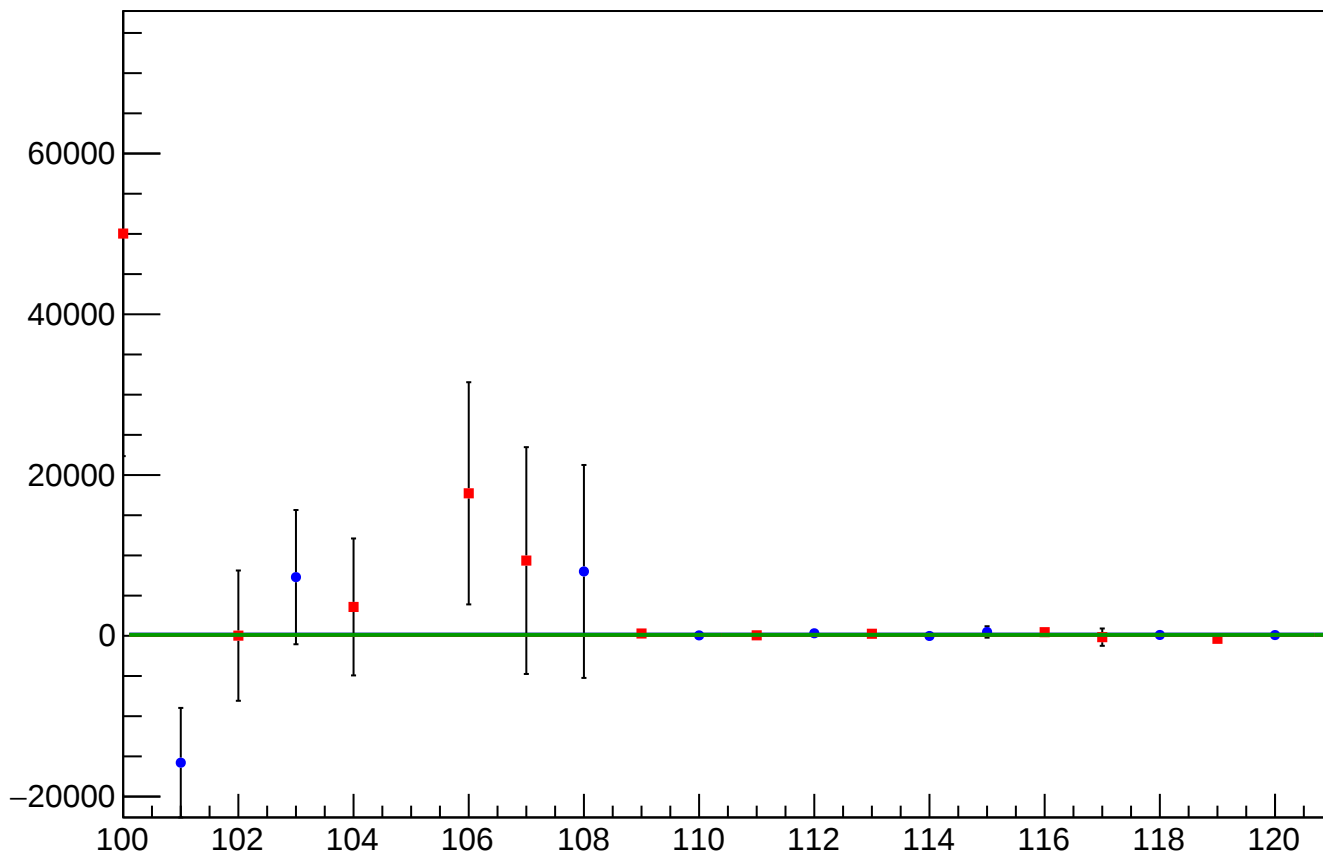
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2.427 $\pm$ 0.002 χ^2 /NDF: 4567583.8/8

2.421 $\pm$ 0.001 χ^2 /NDF: 10289986.6/20

2.415 $\pm$ 0.001 χ^2 /NDF: 5722373.1/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.850+/-117.901 χ^2/NDF : 7.8/8

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

Right Out: 105.051+/-105.285 χ^2/NDF : 10.5/11

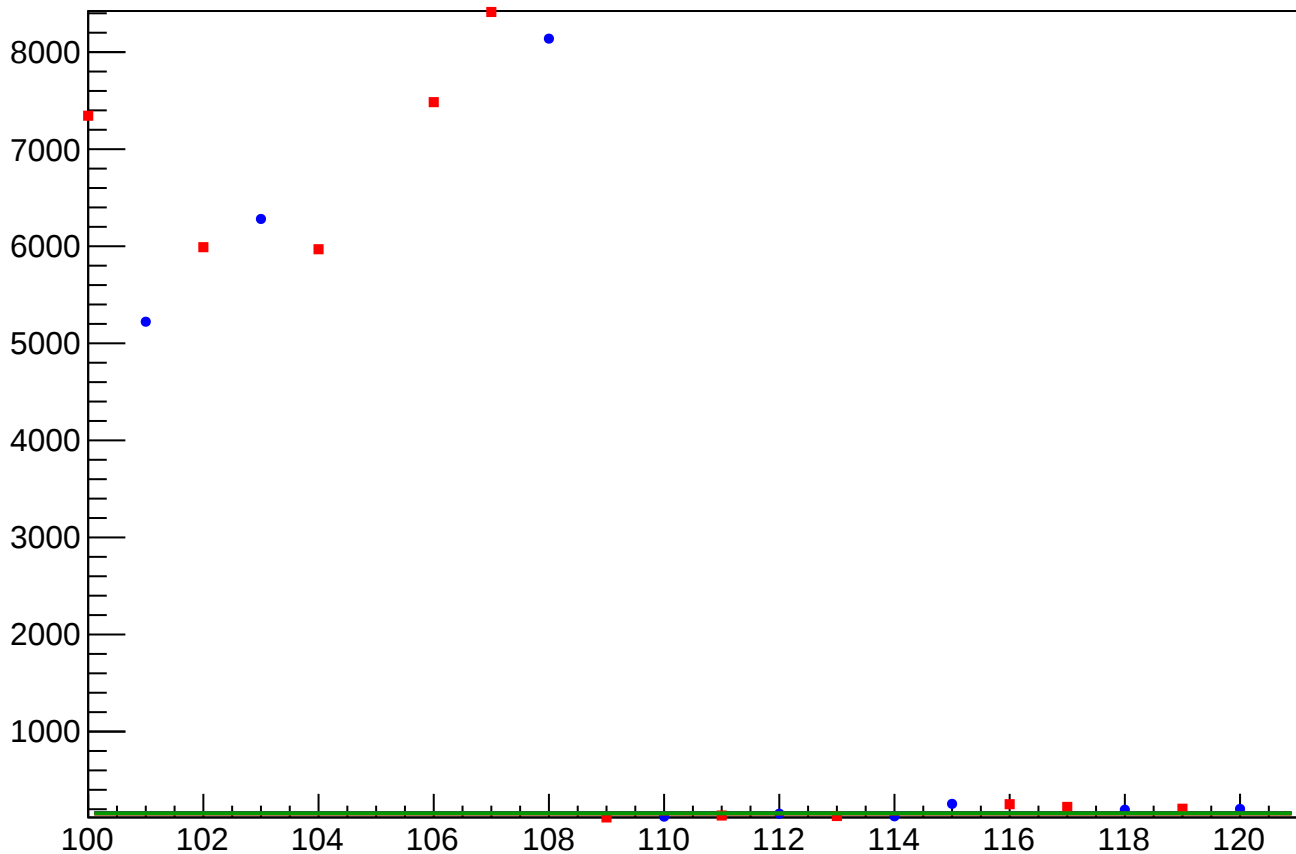
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.850+/-117.901 χ^2/NDF : 7.8/8

120.933+/-78.531 χ^2/NDF : 18.3/20

105.051+/-105.285 χ^2/NDF : 10.5/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 160.907+/-0.083 χ^2/NDF : 3078433.8/8

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

Right Out: 155.223+/-0.074 χ^2/NDF : 3692133.8/11

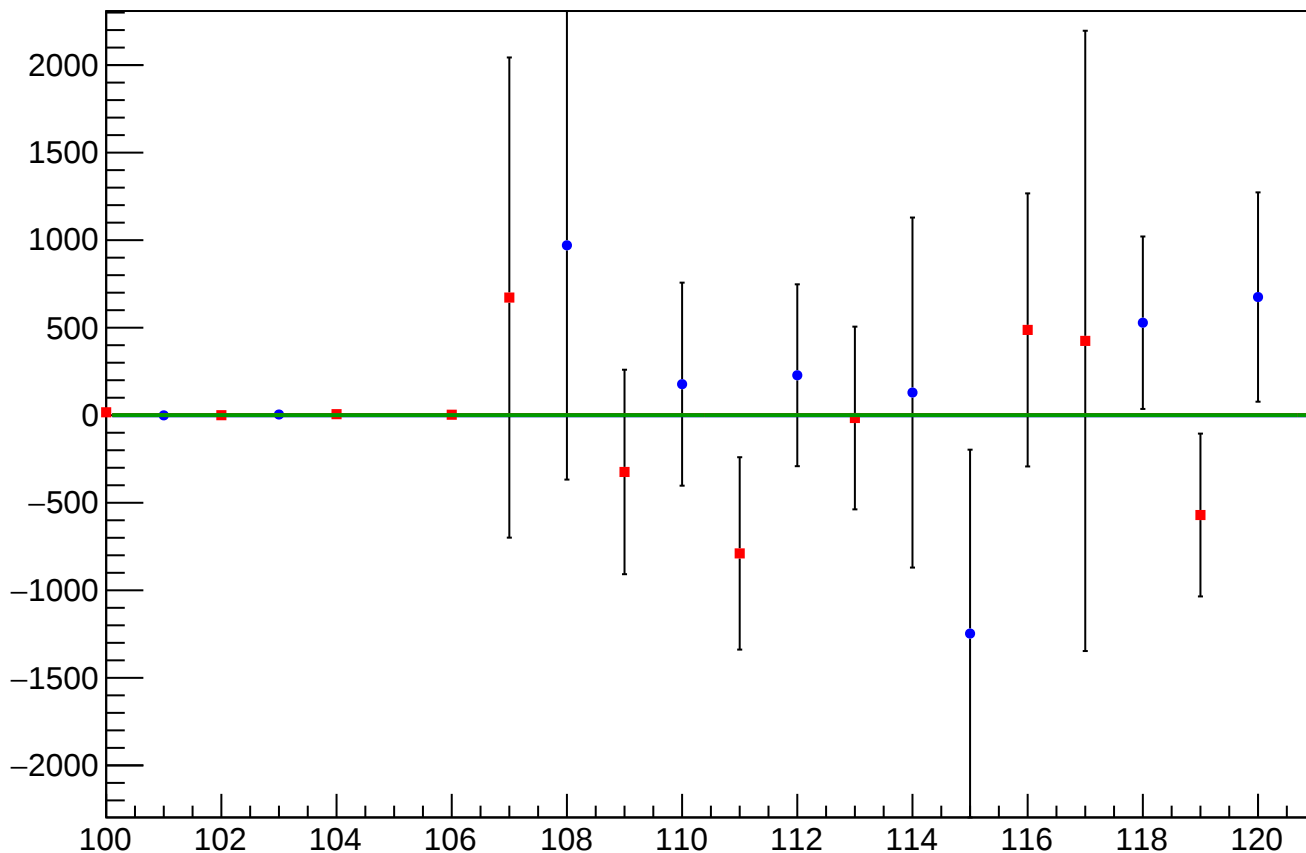
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.907+/-0.083 χ^2/NDF : 3078433.8/8

157.745+/-0.056 χ^2/NDF : 6773153.7/20

155.223+/-0.074 χ^2/NDF : 3692133.8/11

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.145+/-1.737 χ^2/NDF : 5.5/8

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

Right Out: 1.323+/-1.623 χ^2/NDF : 7.6/11

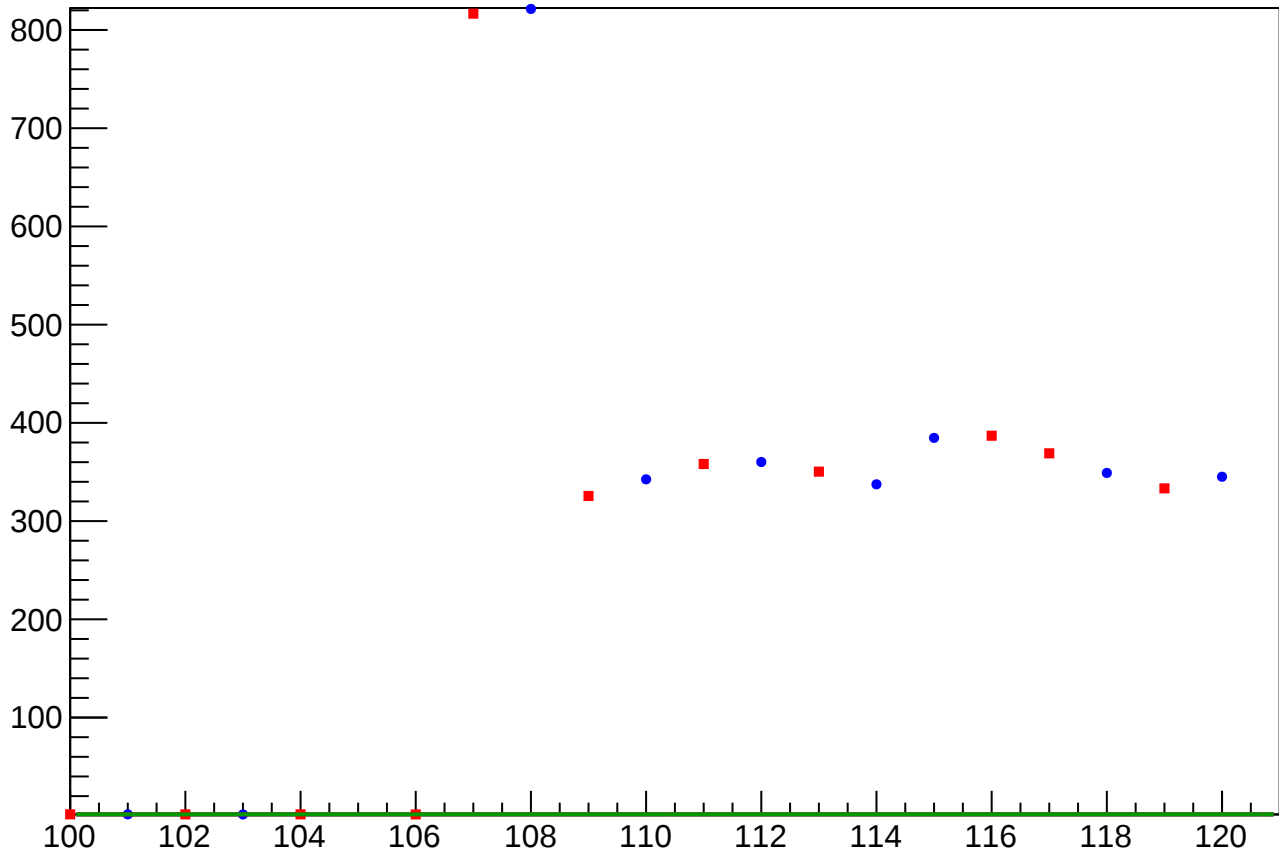
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.145+/-1.737 χ^2/NDF : 5.5/8

0.639+/-1.186 χ^2/NDF : 13.5/20

1.323+/-1.623 χ^2/NDF : 7.6/11

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.429+/-0.001 χ^2/NDF : 4547134.6/8

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

Right Out: 1.433+/-0.001 χ^2/NDF : 5417449.9/11

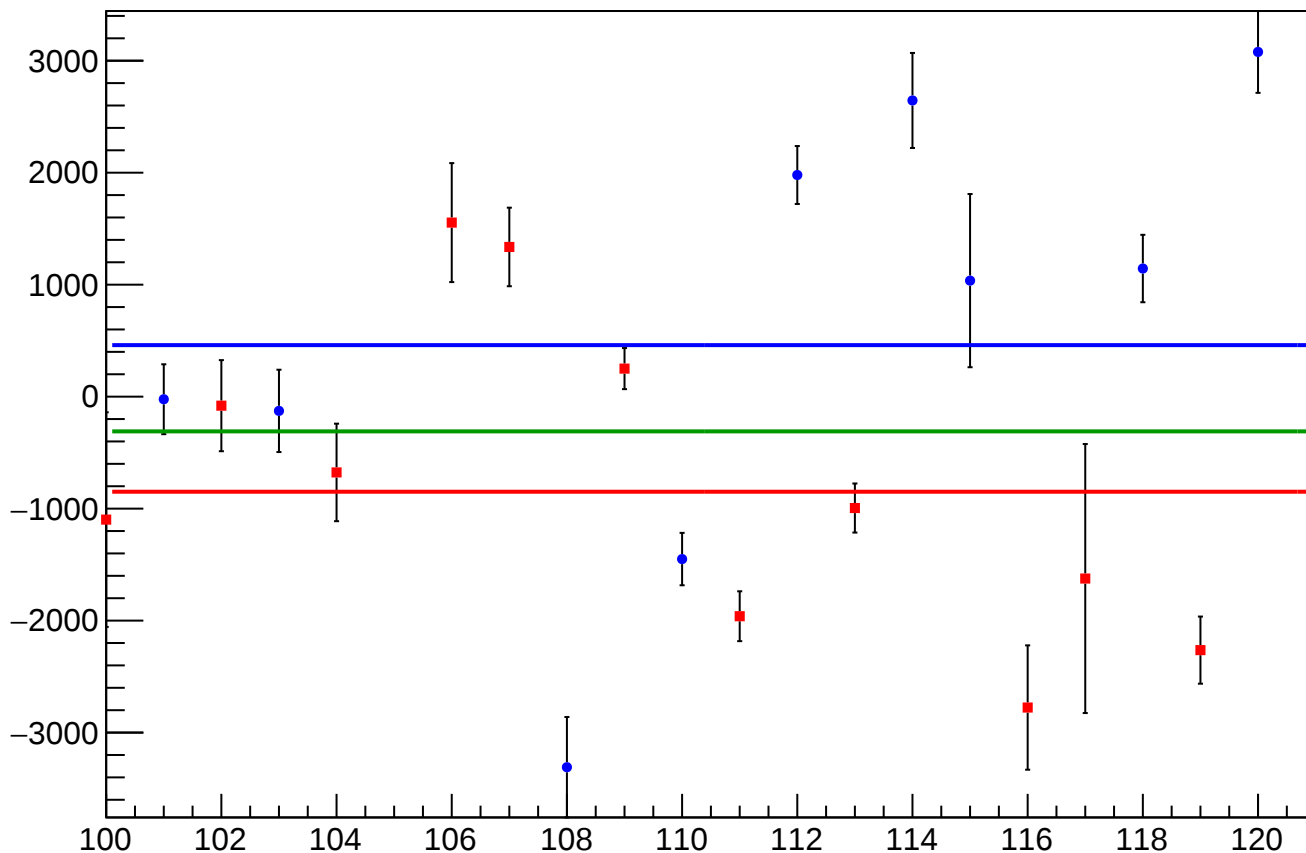
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.429+/-0.001 χ^2/NDF : 4547134.6/8

1.431+/-0.001 χ^2/NDF : 9964590.8/20

1.433+/-0.001 χ^2/NDF : 5417449.9/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 460.137+/-110.703 χ^2/NDF : 260.3/8

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

Right Out: -849.030+/-92.605 χ^2/NDF : 198.4/11

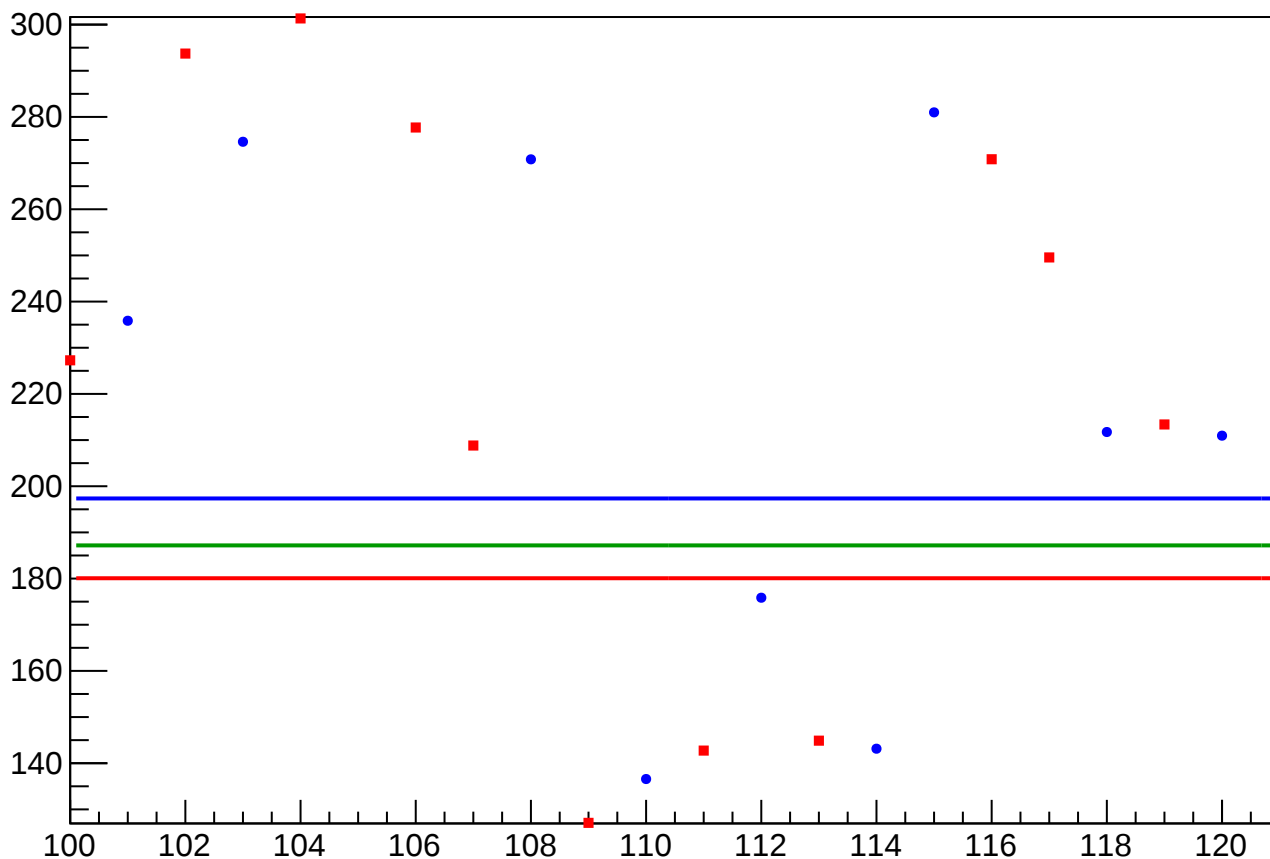
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

460.137+/-110.703 χ^2/NDF : 260.3/8

-310.073+/-71.030 χ^2/NDF : 540.9/20

-849.030+/-92.605 χ^2/NDF : 198.4/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 197.353+/-0.078 χ^2/NDF : 384585.8/8

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

Right Out: 180.069+/-0.065 χ^2/NDF : 802038.6/11

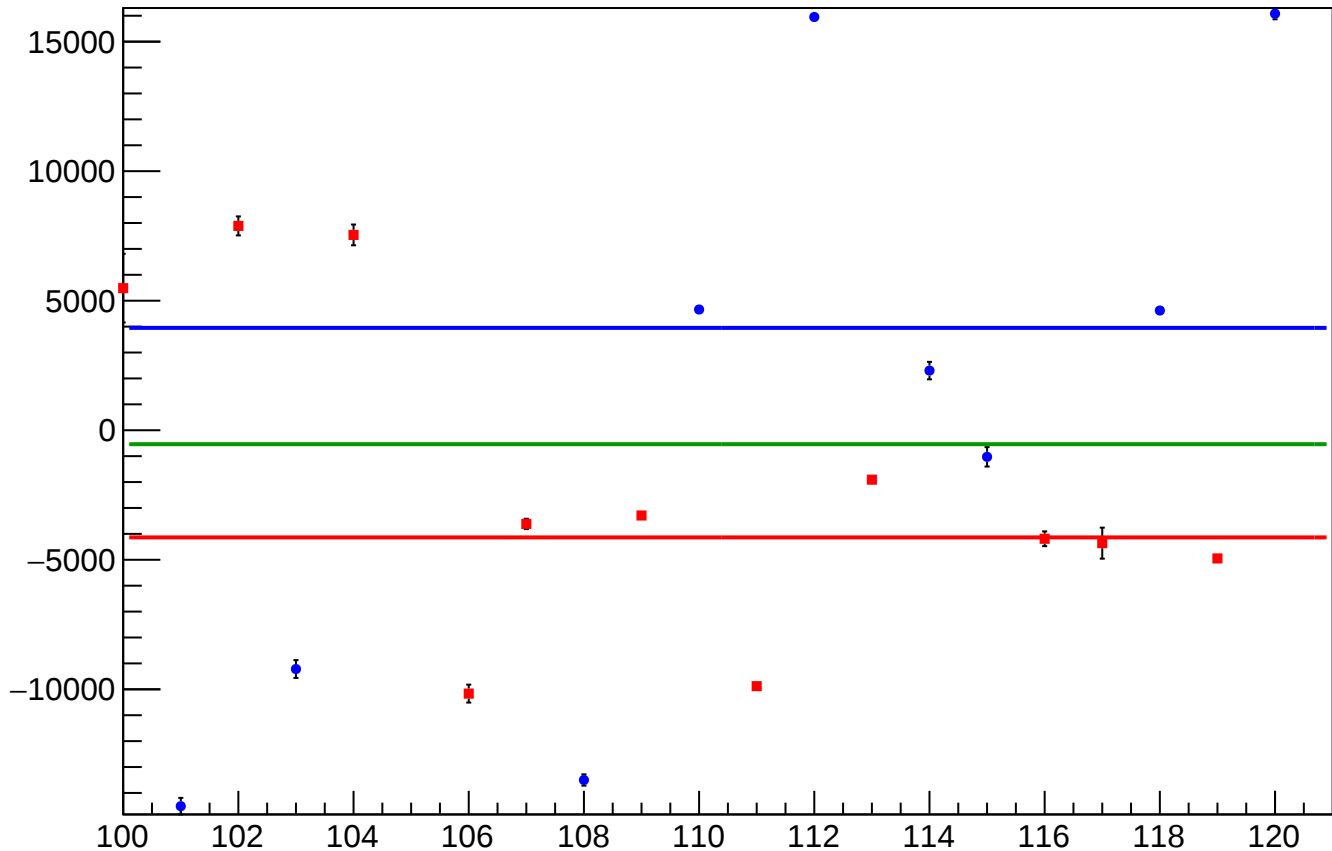
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.353+/-0.078 χ^2/NDF : 384585.8/8

187.185+/-0.050 χ^2/NDF : 1215305.5/20

180.069+/-0.065 χ^2/NDF : 802038.6/11

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3951.401+/-74.623 χ^2/NDF : 19330.2/8

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

Right Out: -4136.515+/-66.807 χ^2/NDF : 3887.5/11

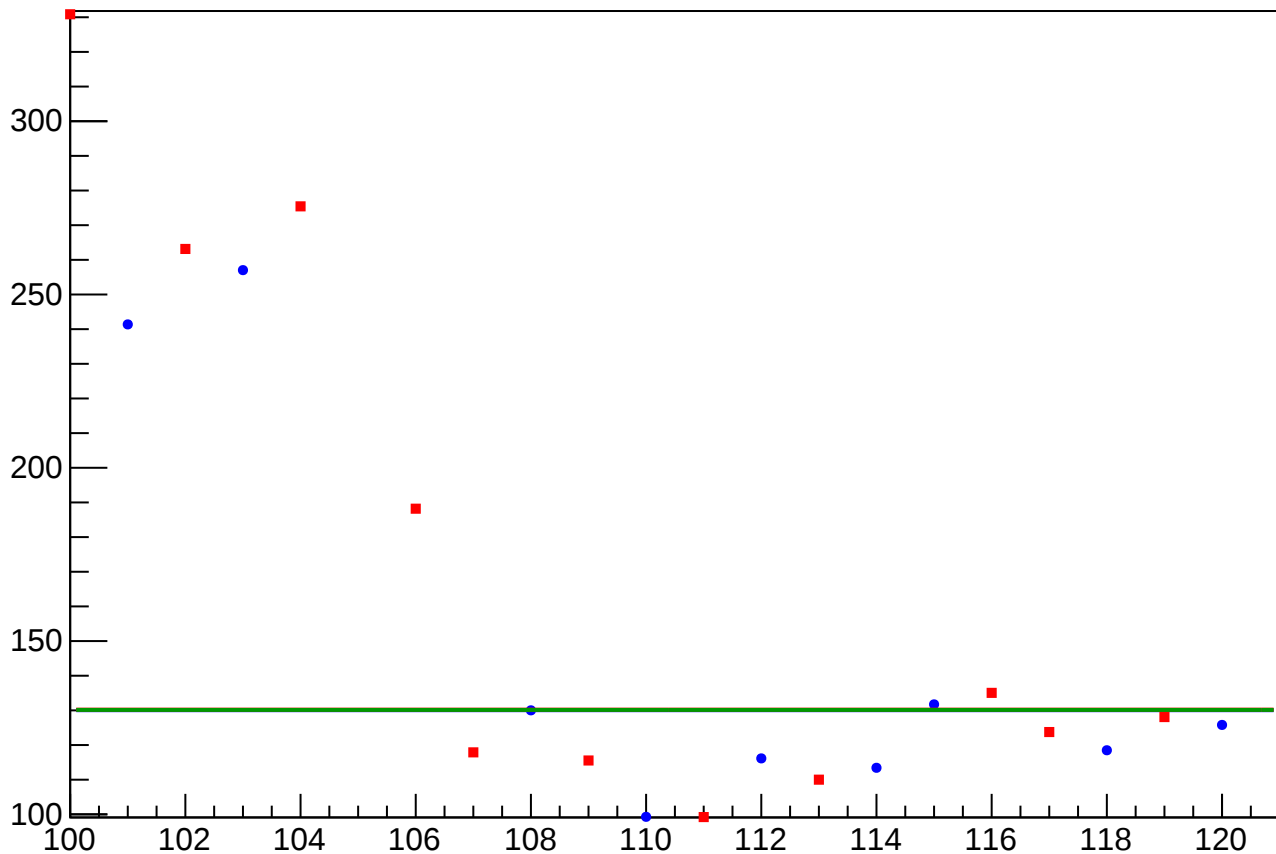
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3951.401+/-74.623 χ^2/NDF : 19330.2/8

-538.149+/-49.774 χ^2/NDF : 29738.4/20

-4136.515+/-66.807 χ^2/NDF : 3887.5/11

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 130.059+/-0.053 χ^2/NDF : 607764.5/8

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

Right Out: 130.202+/-0.047 χ^2/NDF : 780229.1/11

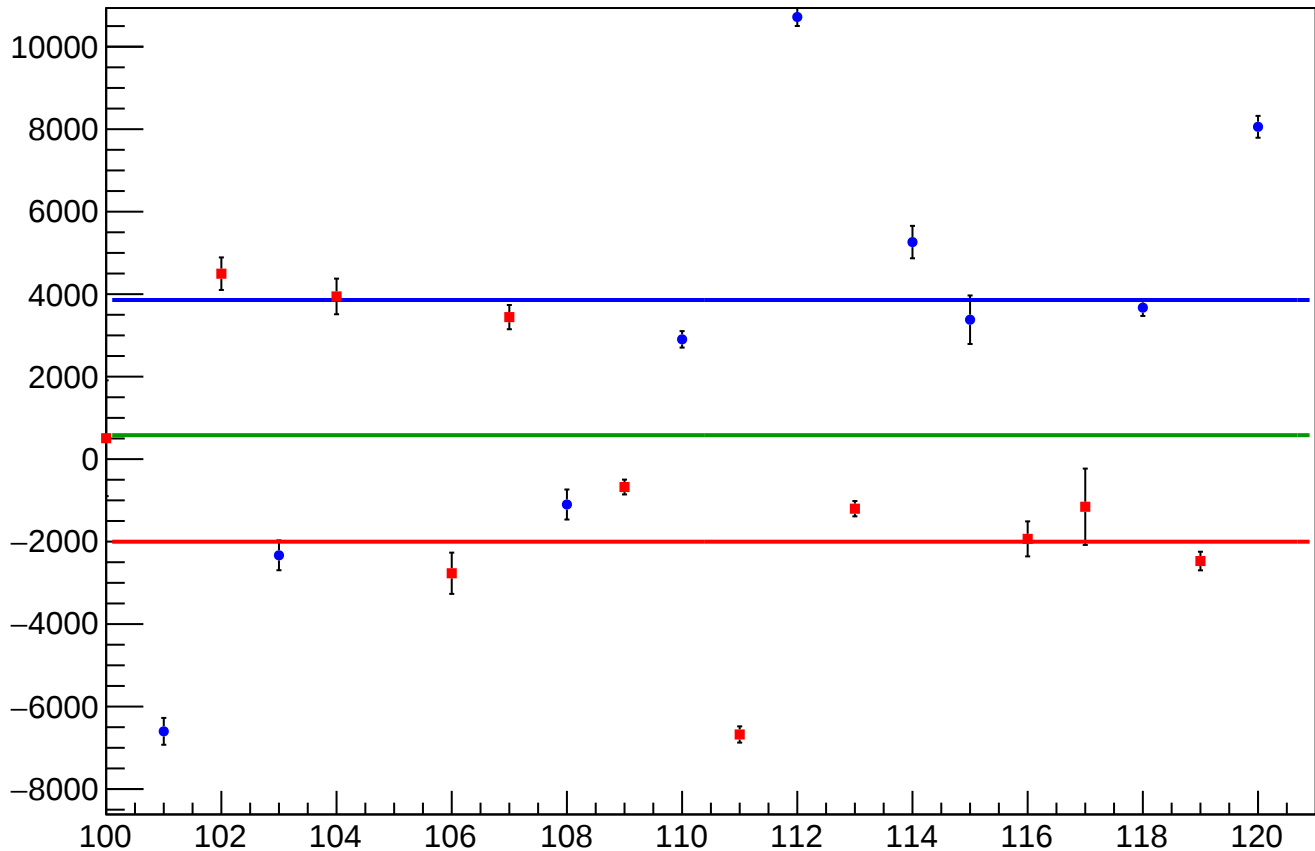
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

130.059+/-0.053 χ^2/NDF : 607764.5/8

130.138+/-0.035 χ^2/NDF : 1387997.6/20

130.202+/-0.047 χ^2/NDF : 780229.1/11

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3858.371+/-91.684 χ^2/NDF : 2791.7/8

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

Right Out: -2002.196+/-81.391 χ^2/NDF : 1895.9/11

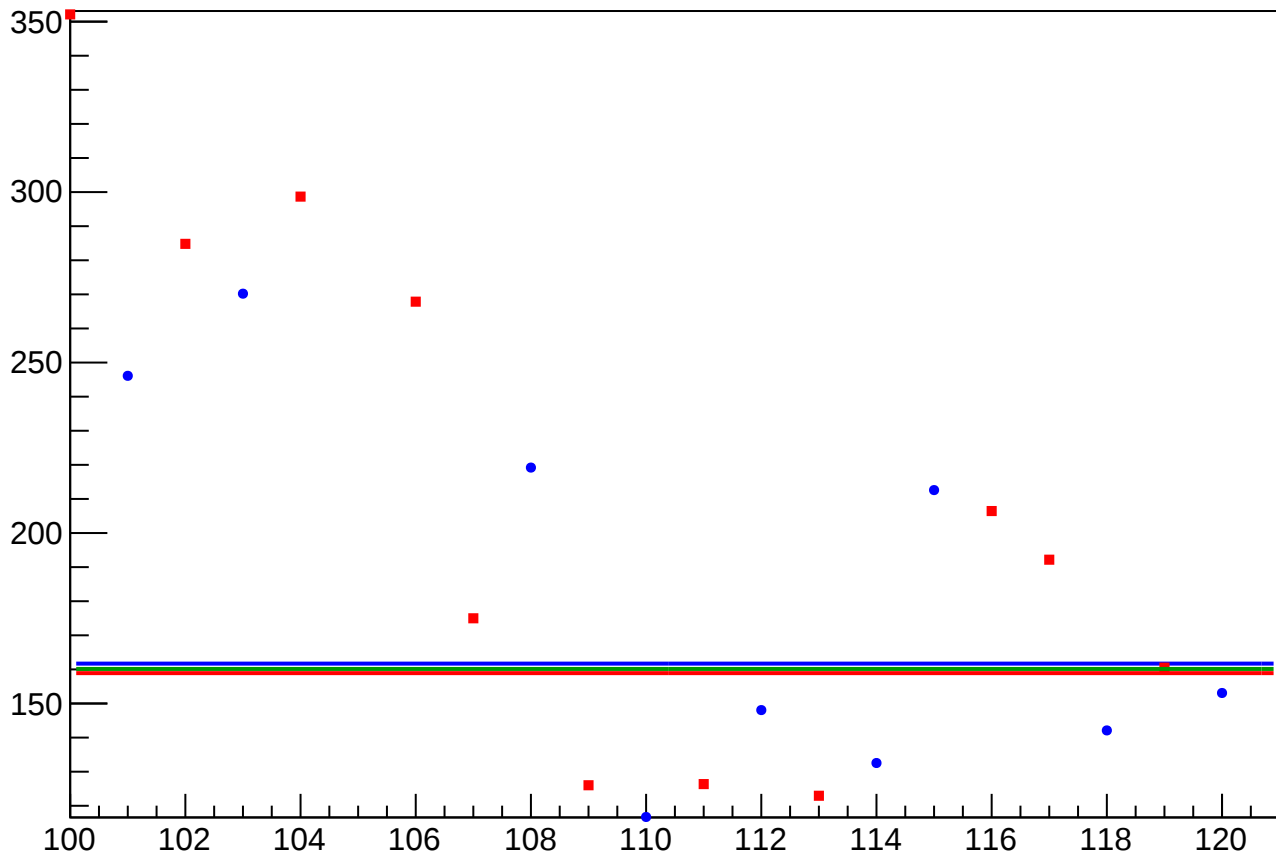
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3858.371+/-91.684 χ^2/NDF : 2791.7/8

580.791+/-60.867 χ^2/NDF : 6972.6/20

-2002.196+/-81.391 χ^2/NDF : 1895.9/11

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 161.698+/-0.065 χ^2/NDF : 520968.2/8

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

Right Out: 158.907+/-0.058 χ^2/NDF : 789824.0/11

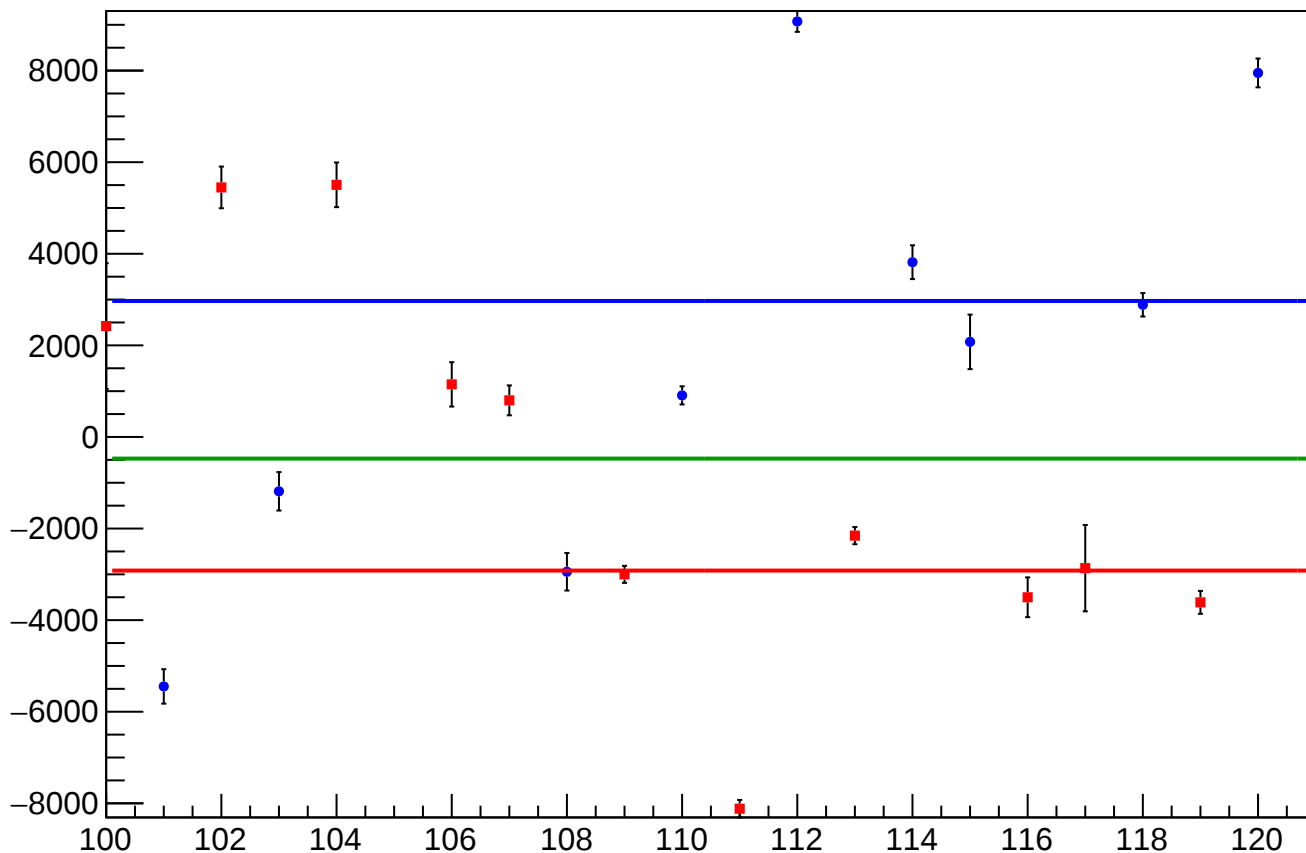
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

161.698+/-0.065 χ^2/NDF : 520968.2/8

160.137+/-0.043 χ^2/NDF : 1311829.2/20

158.907+/-0.058 χ^2/NDF : 789824.0/11

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2969.888 $\pm$ 100.478 χ^2 /NDF: 1894.5/8

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

Right Out: -2917.555 $\pm$ 84.686 χ^2 /NDF: 1619.5/11

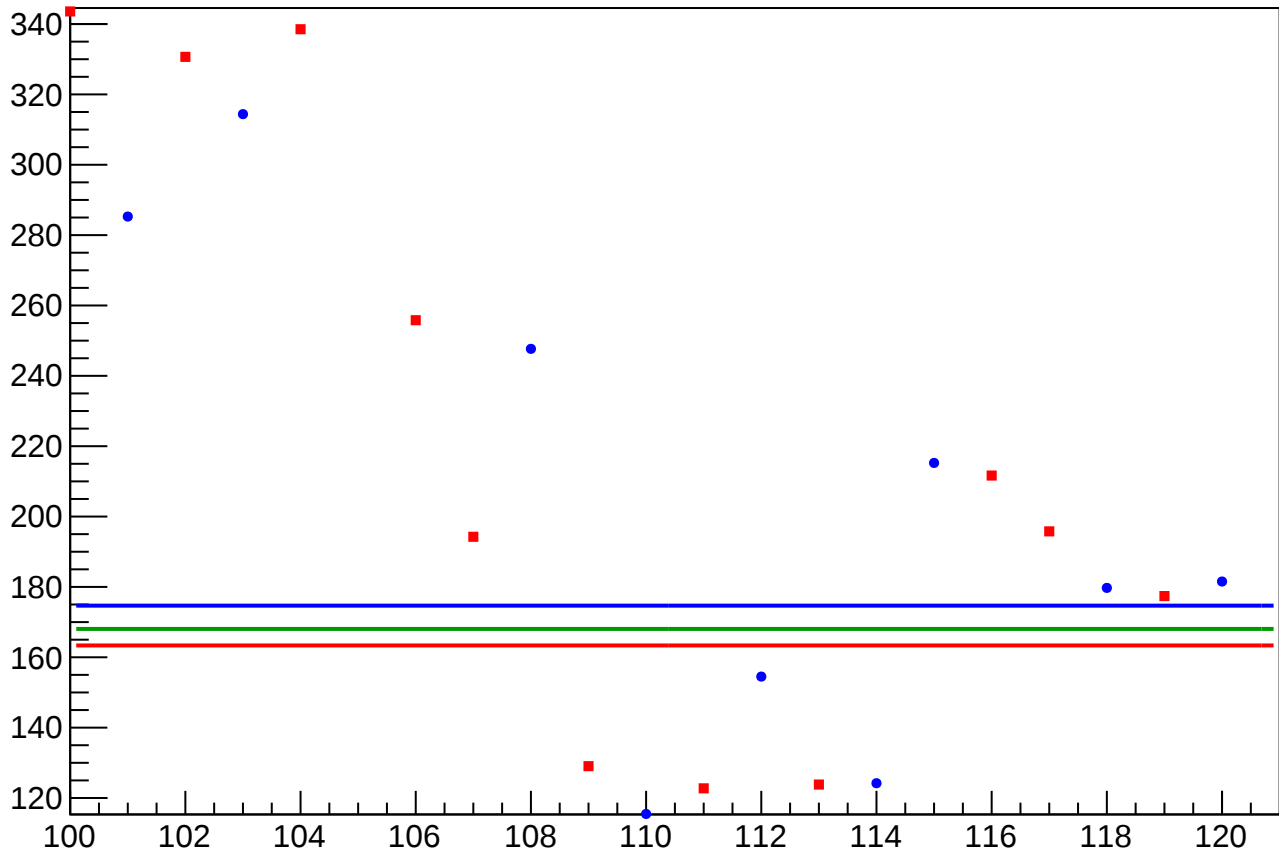
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2969.888 $\pm$ 100.478 χ^2 /NDF: 1894.5/8

-472.314 $\pm$ 64.754 χ^2 /NDF: 5521.3/20

-2917.555 $\pm$ 84.686 χ^2 /NDF: 1619.5/11

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 174.678+/-0.071 χ^2/NDF : 700907.3/8

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

Right Out: 163.362+/-0.060 χ^2/NDF : 967928.2/11

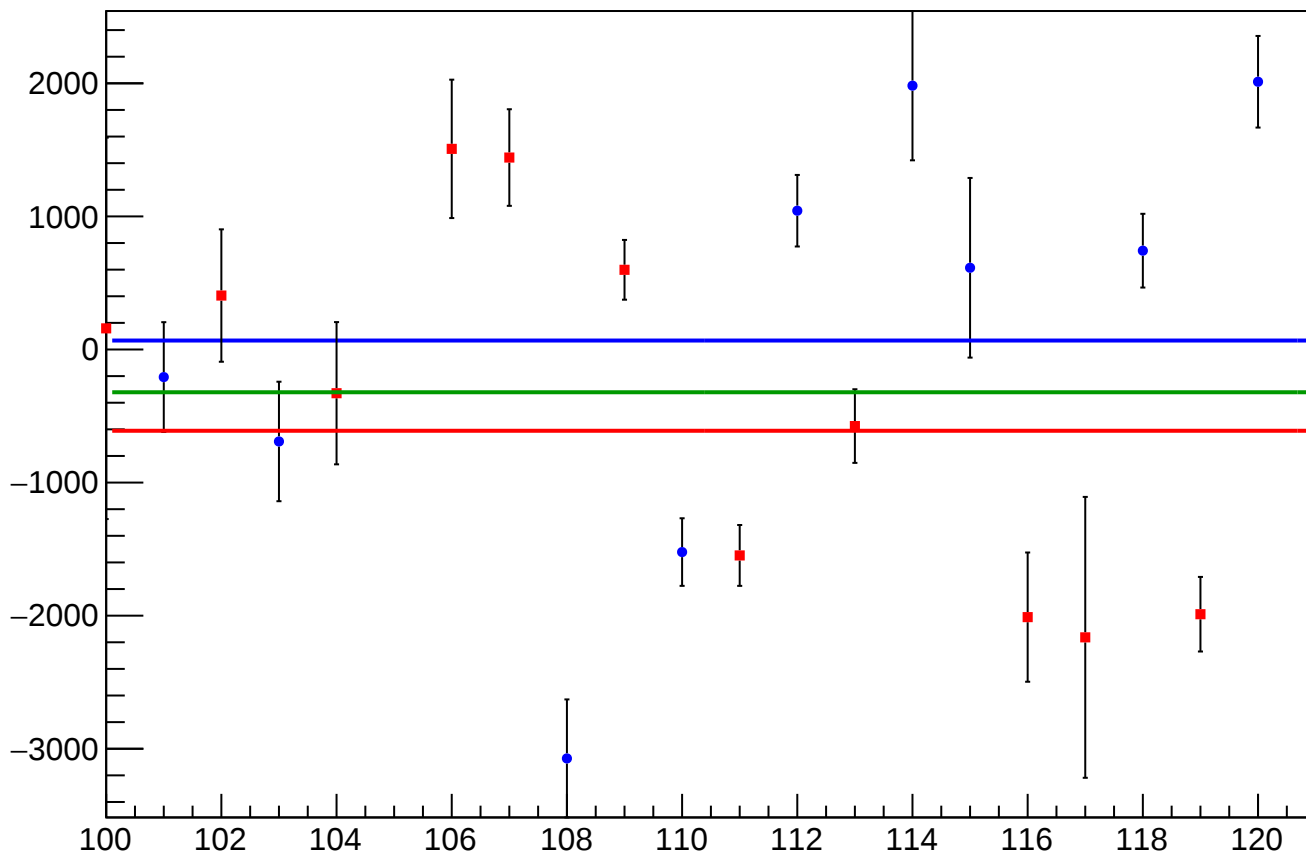
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.678+/-0.071 χ^2/NDF : 700907.3/8

168.062+/-0.046 χ^2/NDF : 1683667.3/20

163.362+/-0.060 χ^2/NDF : 967928.2/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 67.339+/-117.765 χ^2/NDF : 155.9/8

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

Right Out: -610.716+/-101.619 χ^2/NDF : 148.4/11

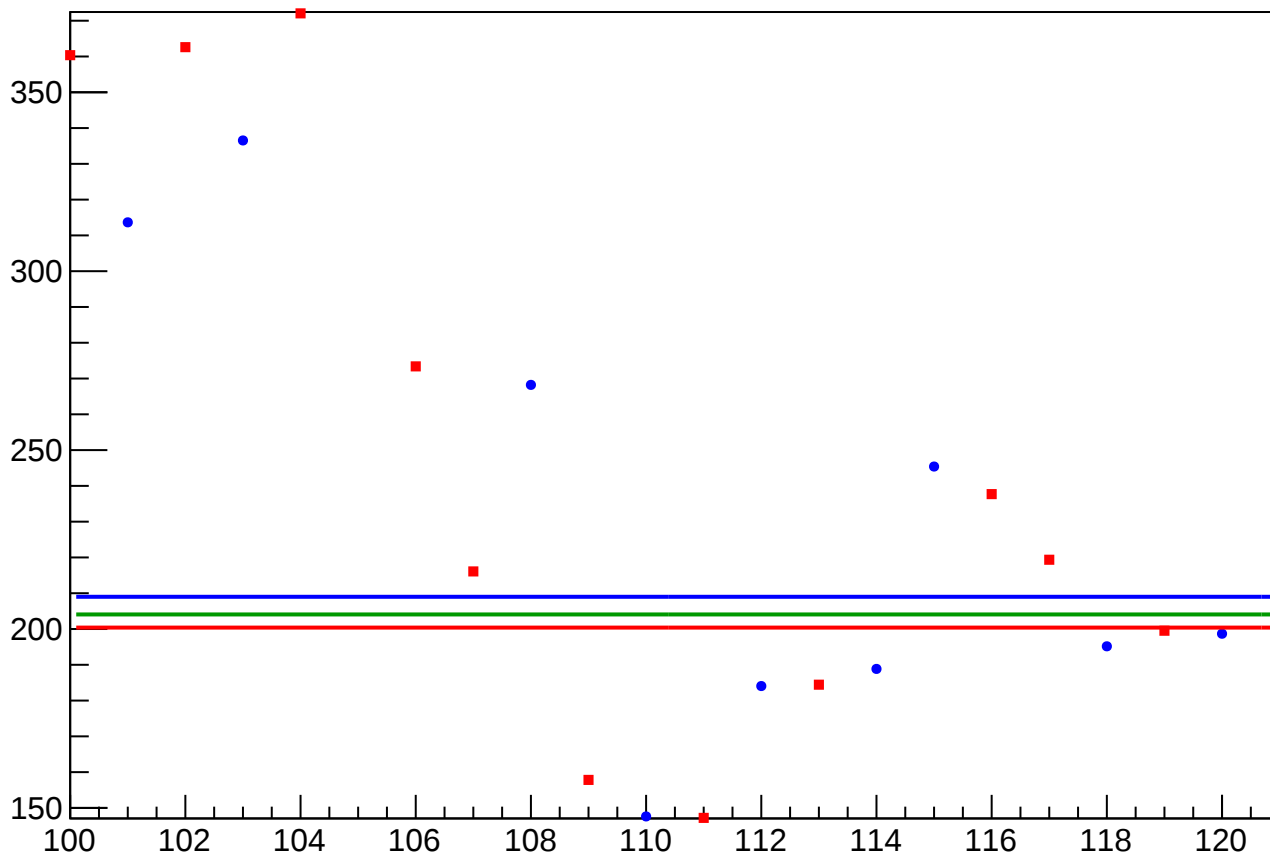
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.339+/-117.765 χ^2/NDF : 155.9/8

-321.324+/-76.936 χ^2/NDF : 323.4/20

-610.716+/-101.619 χ^2/NDF : 148.4/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 209.006 ± 0.083 $\chi^2/\text{NDF}: 474989.8/8$

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

Right Out: 200.396 ± 0.072 $\chi^2/\text{NDF}: 694949.0/11$

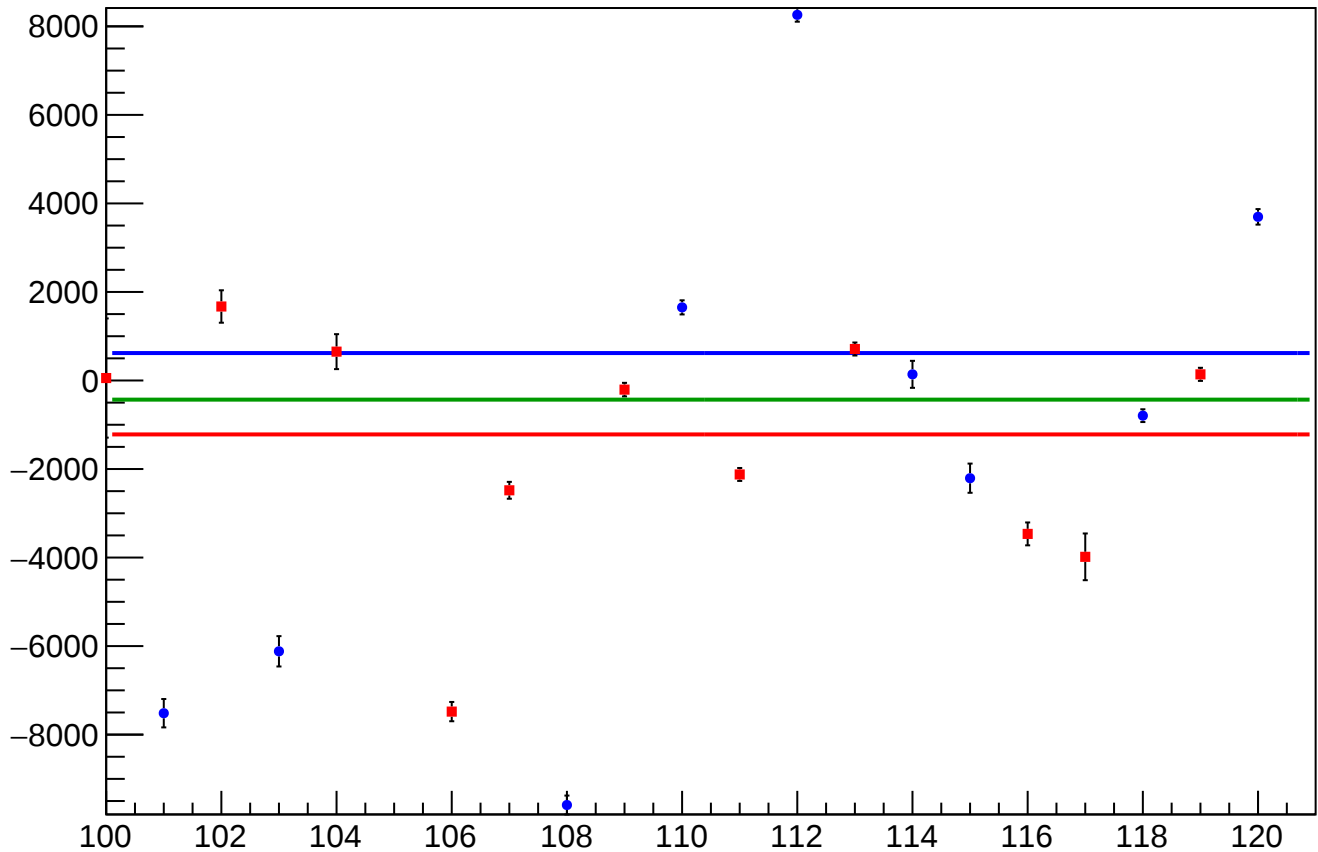
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

209.006 ± 0.083 $\chi^2/\text{NDF}: 474989.8/8$

204.070 ± 0.054 $\chi^2/\text{NDF}: 1176066.2/20$

200.396 ± 0.072 $\chi^2/\text{NDF}: 694949.0/11$

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 619.705+/-67.148 χ^2/NDF : 6286.7/8

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

Right Out: -1218.355+/-58.031 χ^2/NDF : 1414.1/11

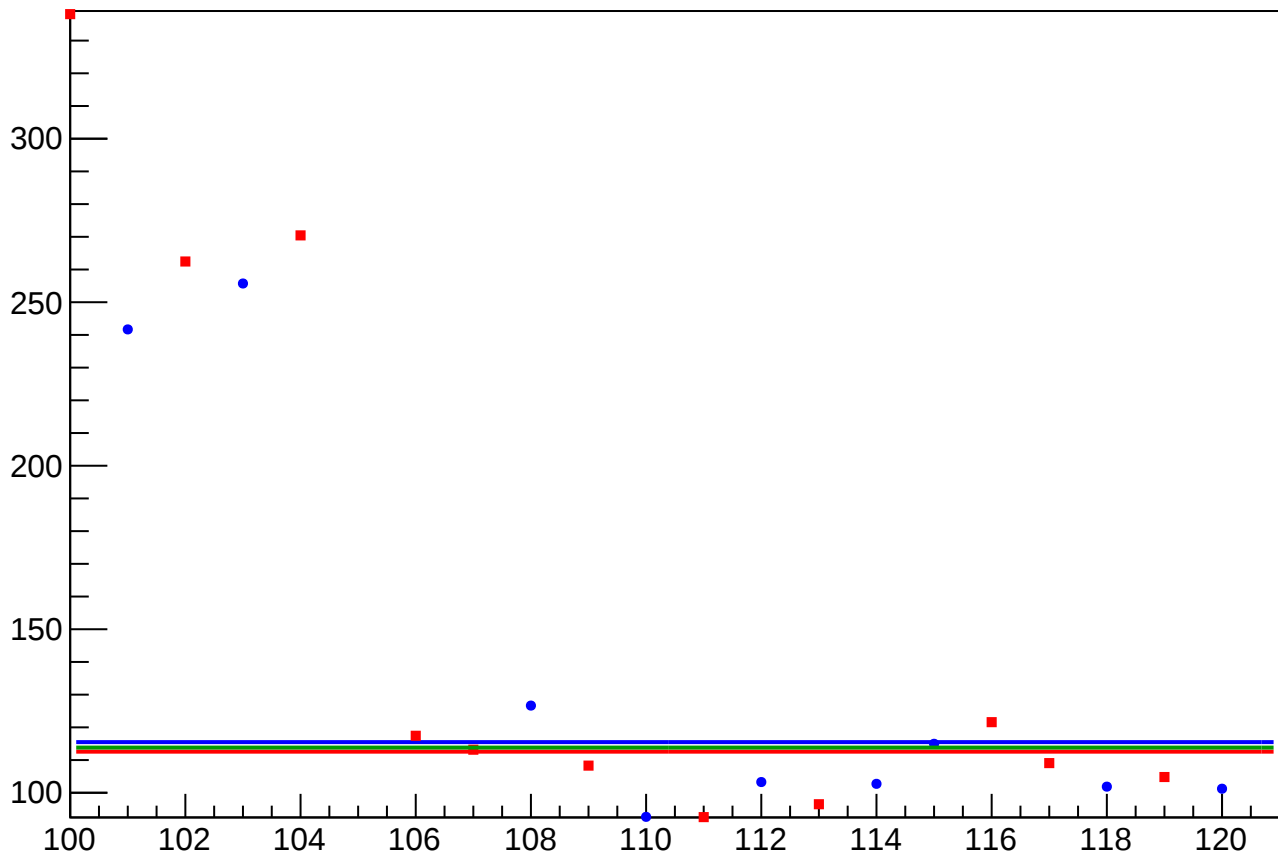
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

619.705+/-67.148 χ^2/NDF : 6286.7/8

-432.490+/-43.906 χ^2/NDF : 8129.7/20

-1218.355+/-58.031 χ^2/NDF : 1414.1/11

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.484+/-0.047 χ^2/NDF : 737894.0/8

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

Right Out: 112.570+/-0.041 χ^2/NDF : 787214.2/11

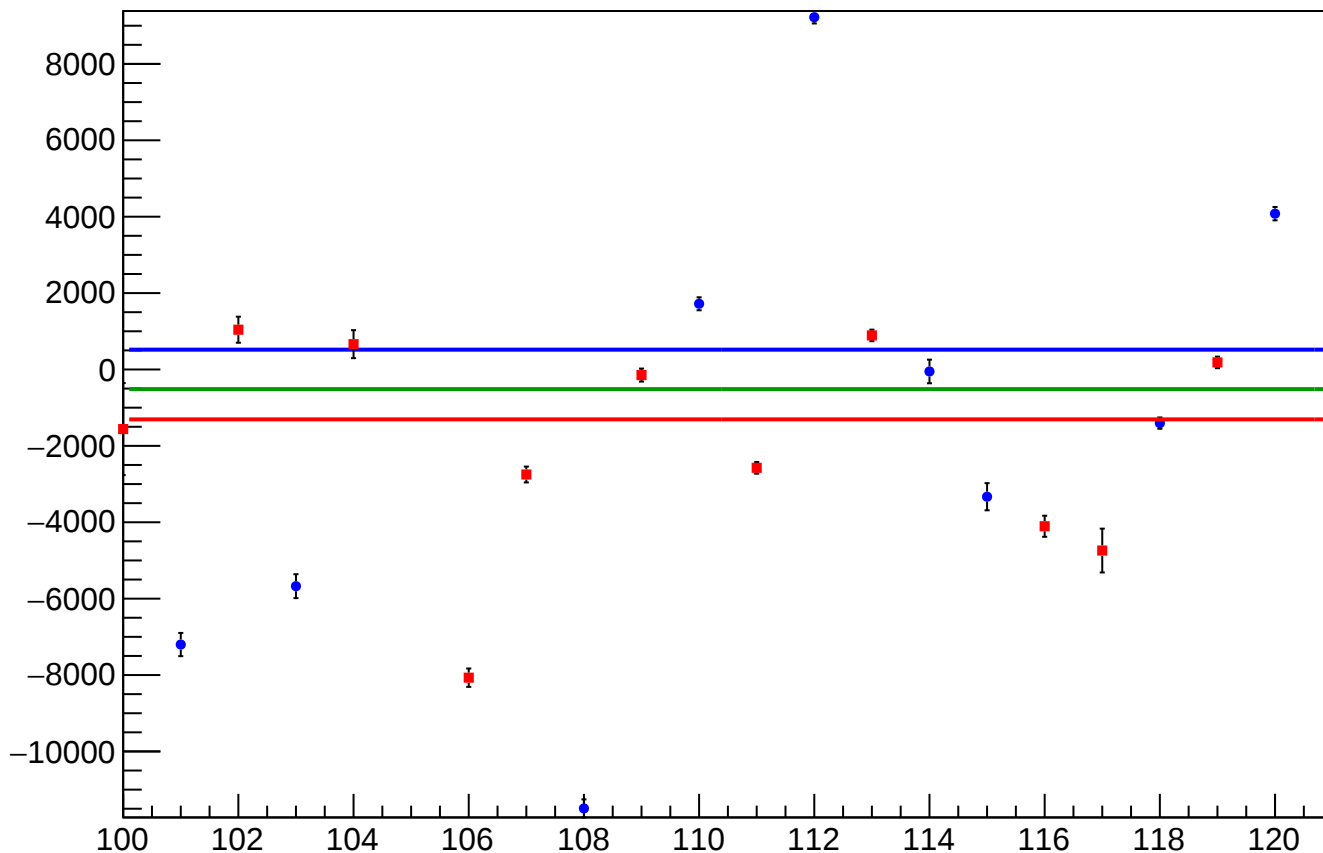
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.484+/-0.047 χ^2/NDF : 737894.0/8

113.816+/-0.031 χ^2/NDF : 1527264.3/20

112.570+/-0.041 χ^2/NDF : 787214.2/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 518.900 $\pm$ 69.369 χ^2 /NDF: 7227.1/8

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

Right Out: -1306.371 $\pm$ 60.763 χ^2 /NDF: 1483.1/11

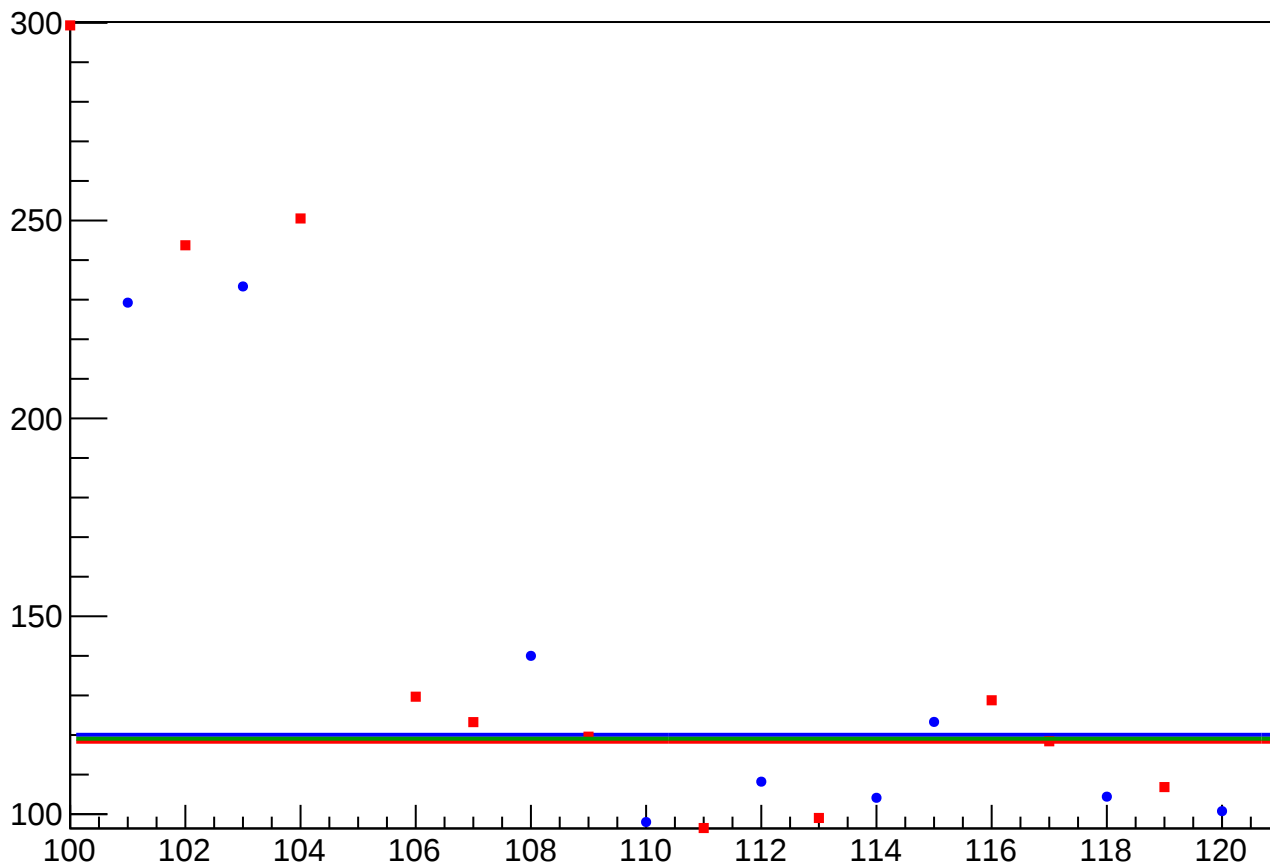
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

518.900 $\pm$ 69.369 χ^2 /NDF: 7227.1/8

-513.924 $\pm$ 45.707 χ^2 /NDF: 9102.0/20

-1306.371 $\pm$ 60.763 χ^2 /NDF: 1483.1/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 120.054+/-0.049 χ^2/NDF : 629957.4/8

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

Right Out: 118.304+/-0.043 χ^2/NDF : 679269.2/11

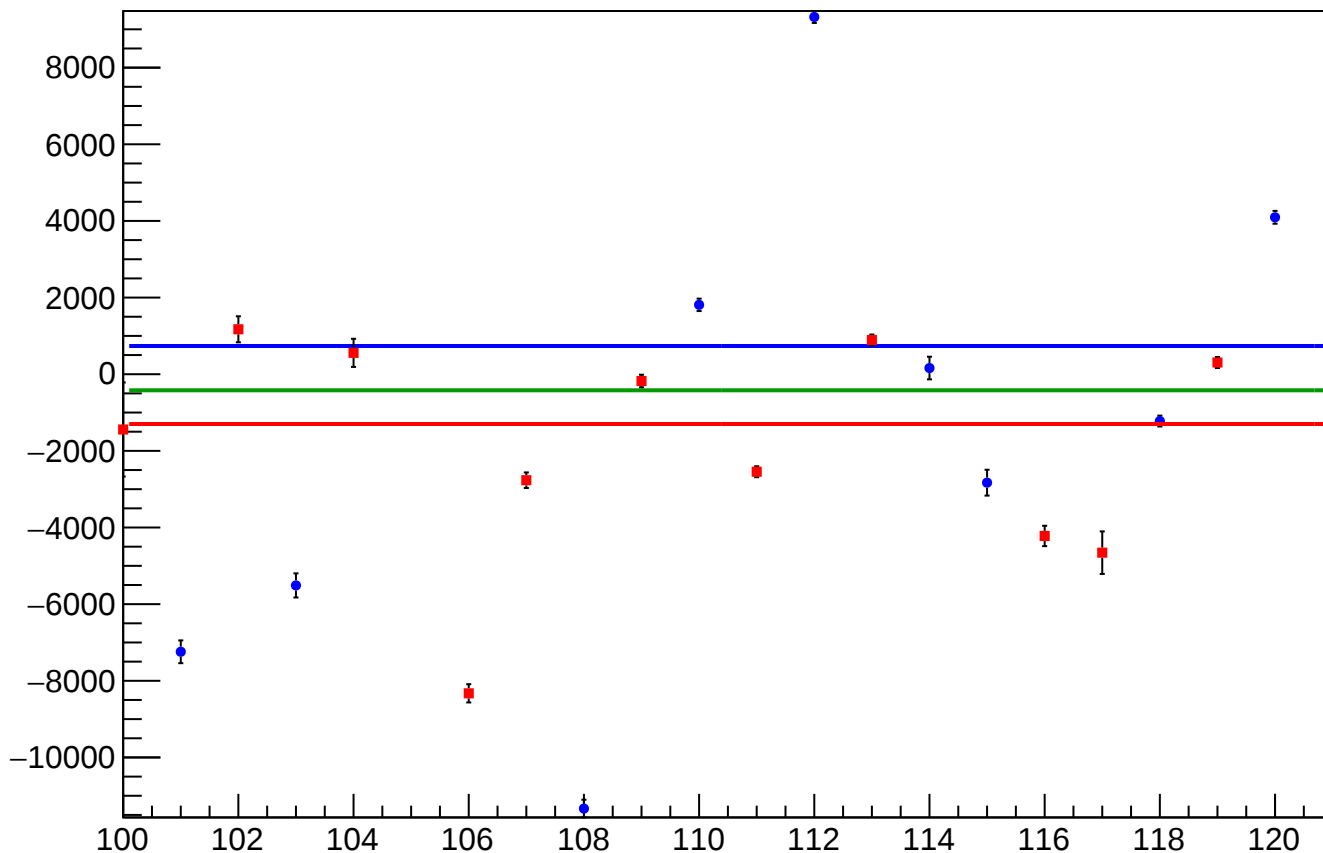
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.054+/-0.049 χ^2/NDF : 629957.4/8

119.064+/-0.032 χ^2/NDF : 1309946.9/20

118.304+/-0.043 χ^2/NDF : 679269.2/11

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 736.552+/-66.691 χ^2 /NDF: 7616.8/8

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

Right Out: -1298.918+/-58.158 χ^2 /NDF: 1642.0/11

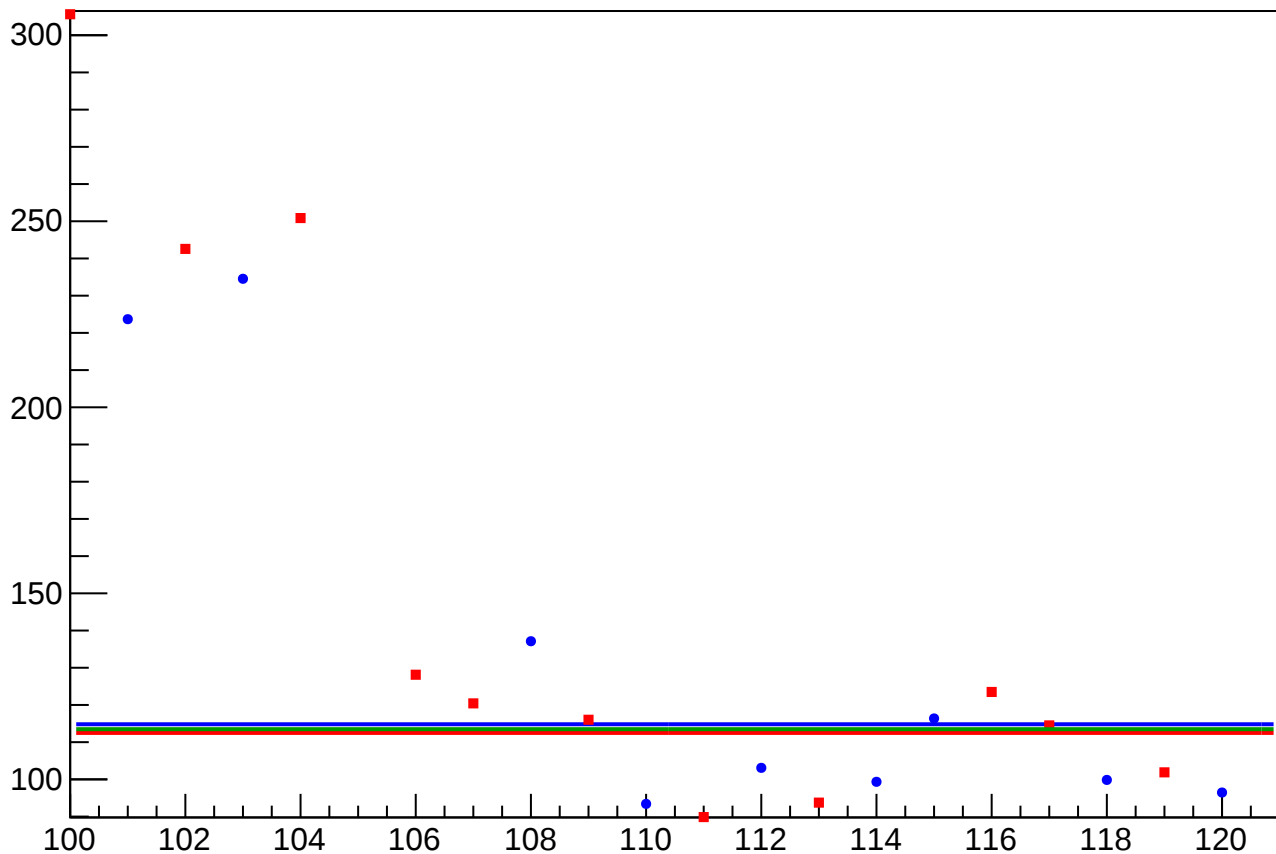
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

736.552+/-66.691 χ^2 /NDF: 7616.8/8

-419.656+/-43.832 χ^2 /NDF: 9787.9/20

-1298.918+/-58.158 χ^2 /NDF: 1642.0/11

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 114.812 $\pm$ 0.047 χ^2 /NDF: 674147.6/8

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

Right Out: 112.485 $\pm$ 0.041 χ^2 /NDF: 752423.9/11

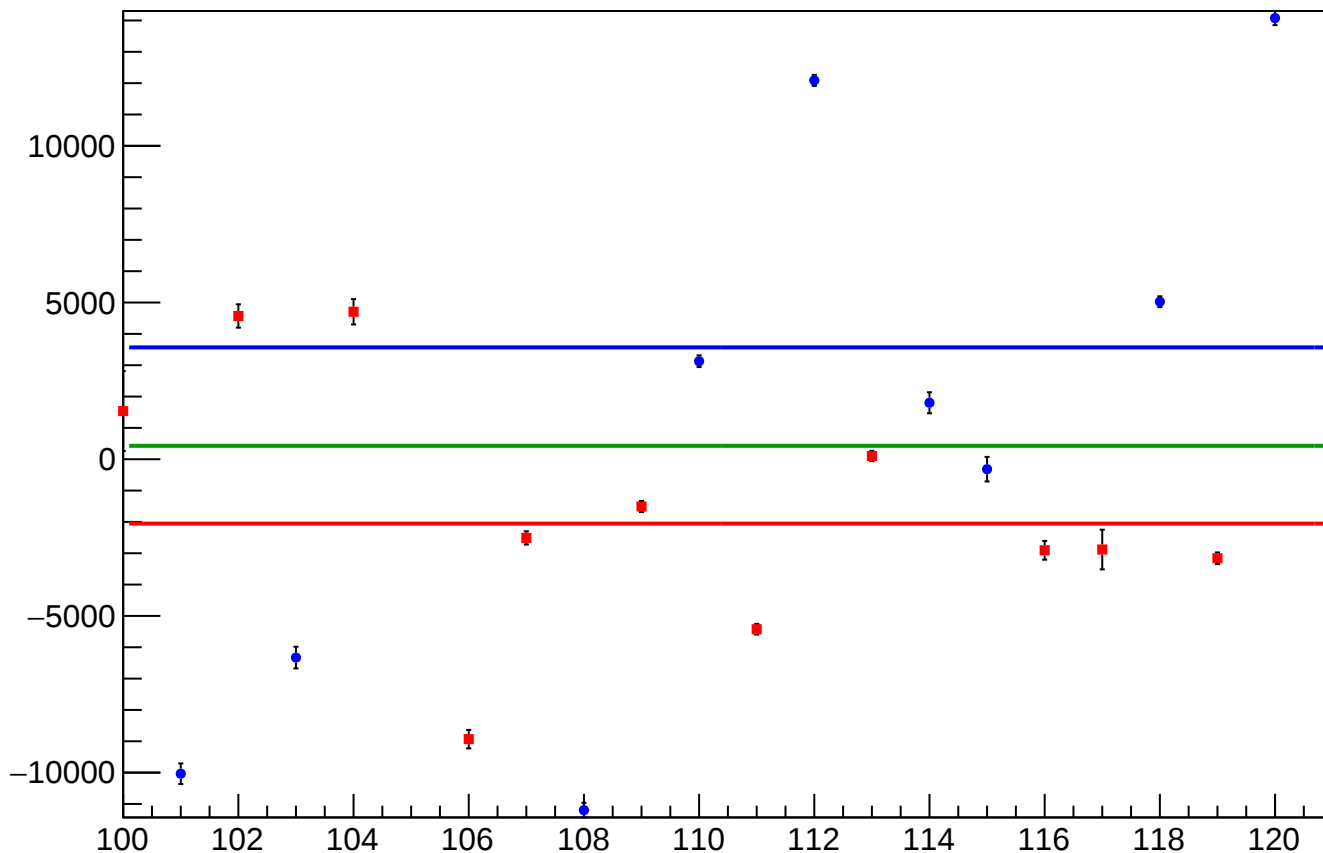
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

114.812 $\pm$ 0.047 χ^2 /NDF: 674147.6/8

113.490 $\pm$ 0.031 χ^2 /NDF: 1427954.6/20

112.485 $\pm$ 0.041 χ^2 /NDF: 752423.9/11

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 3568.755+/-77.698 χ^2/NDF : 11290.9/8

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

Right Out: -2053.744+/-69.058 χ^2/NDF : 2002.5/11

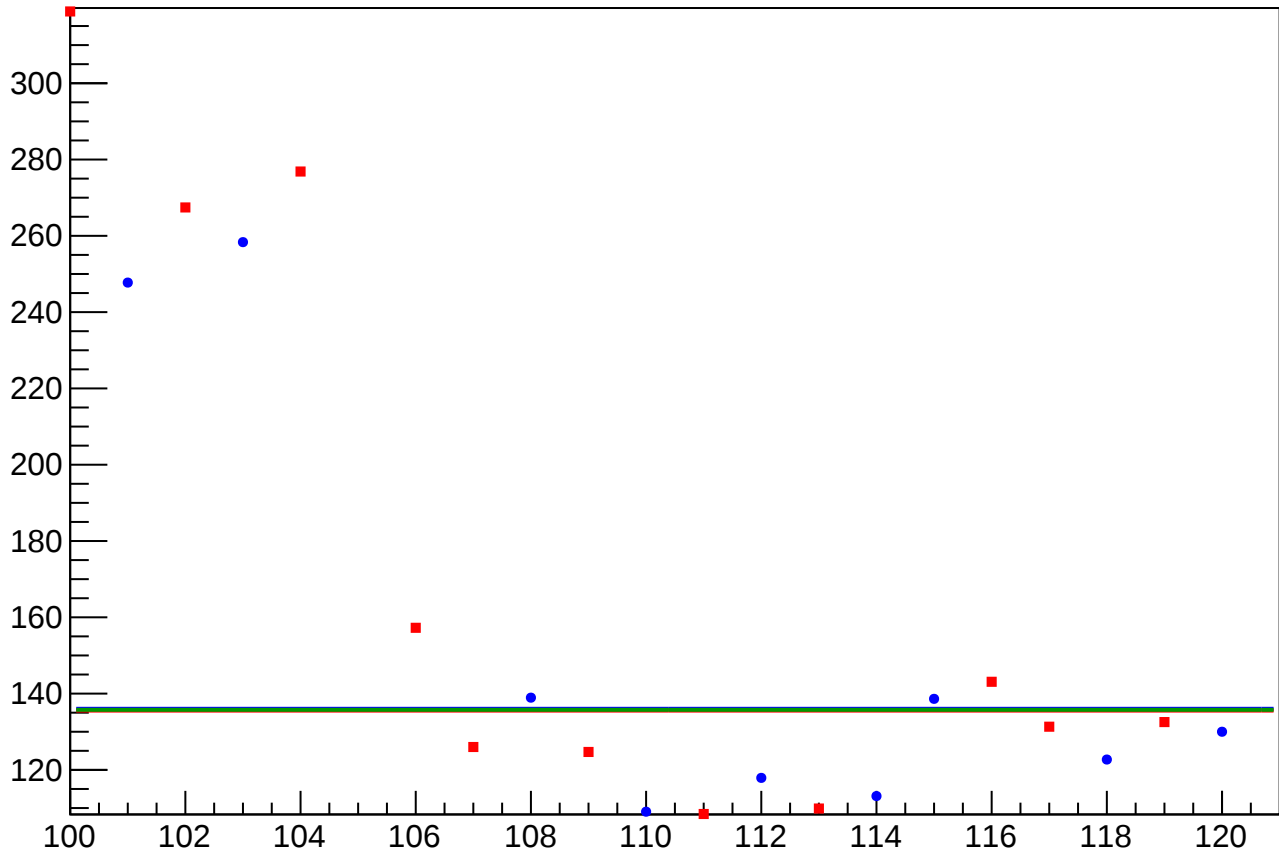
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3568.755+/-77.698 χ^2/NDF : 11290.9/8

427.663+/-51.617 χ^2/NDF : 16218.9/20

-2053.744+/-69.058 χ^2/NDF : 2002.5/11

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 136.016+/-0.055 χ^2/NDF : 566988.0/8

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

Right Out: 135.552+/-0.049 χ^2/NDF : 667769.3/11

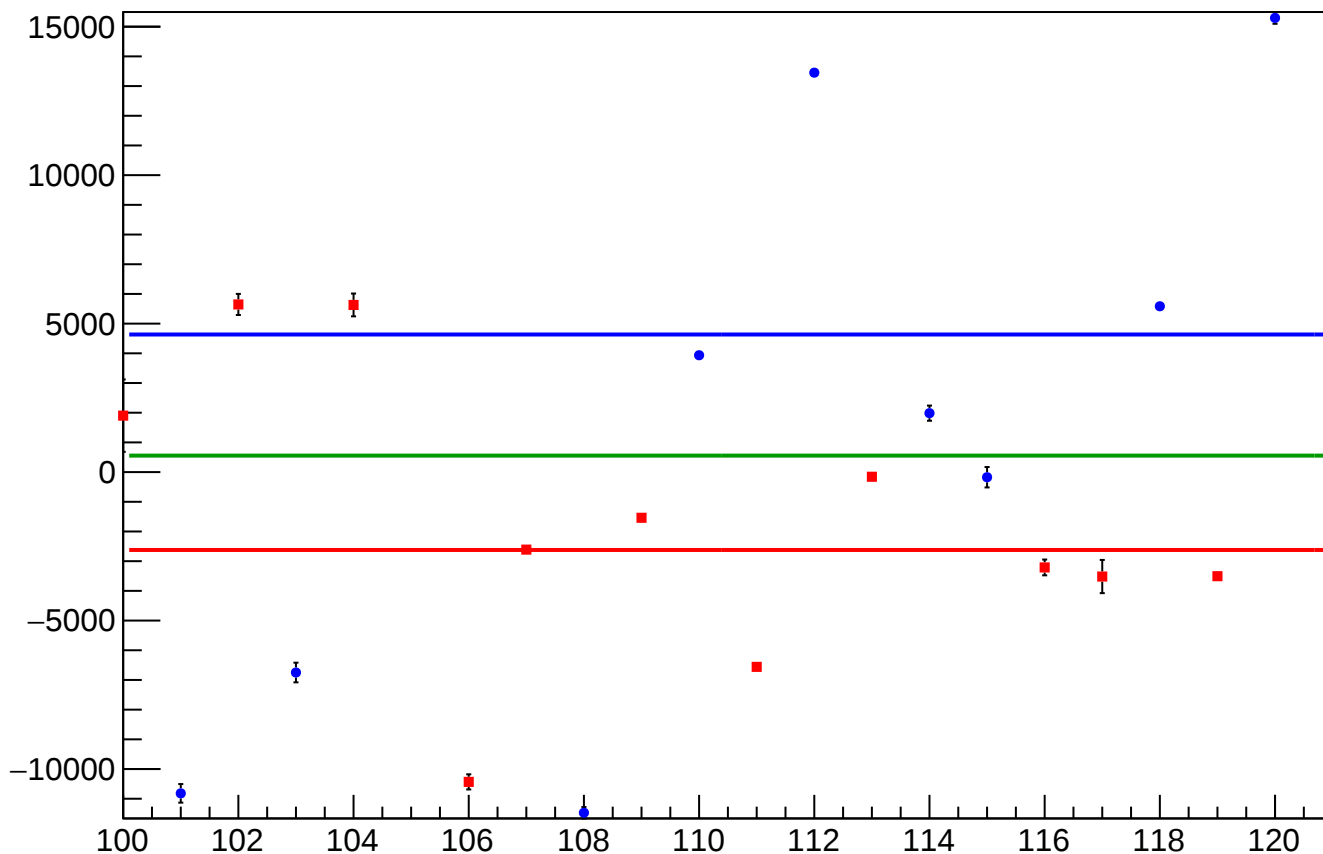
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.016+/-0.055 χ^2/NDF : 566988.0/8

135.757+/-0.036 χ^2/NDF : 1234797.3/20

135.552+/-0.049 χ^2/NDF : 667769.3/11

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4633.920+/-62.839 χ^2/NDF : 18322.1/8

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

Right Out: -2622.386+/-55.457 χ^2/NDF : 3803.3/11

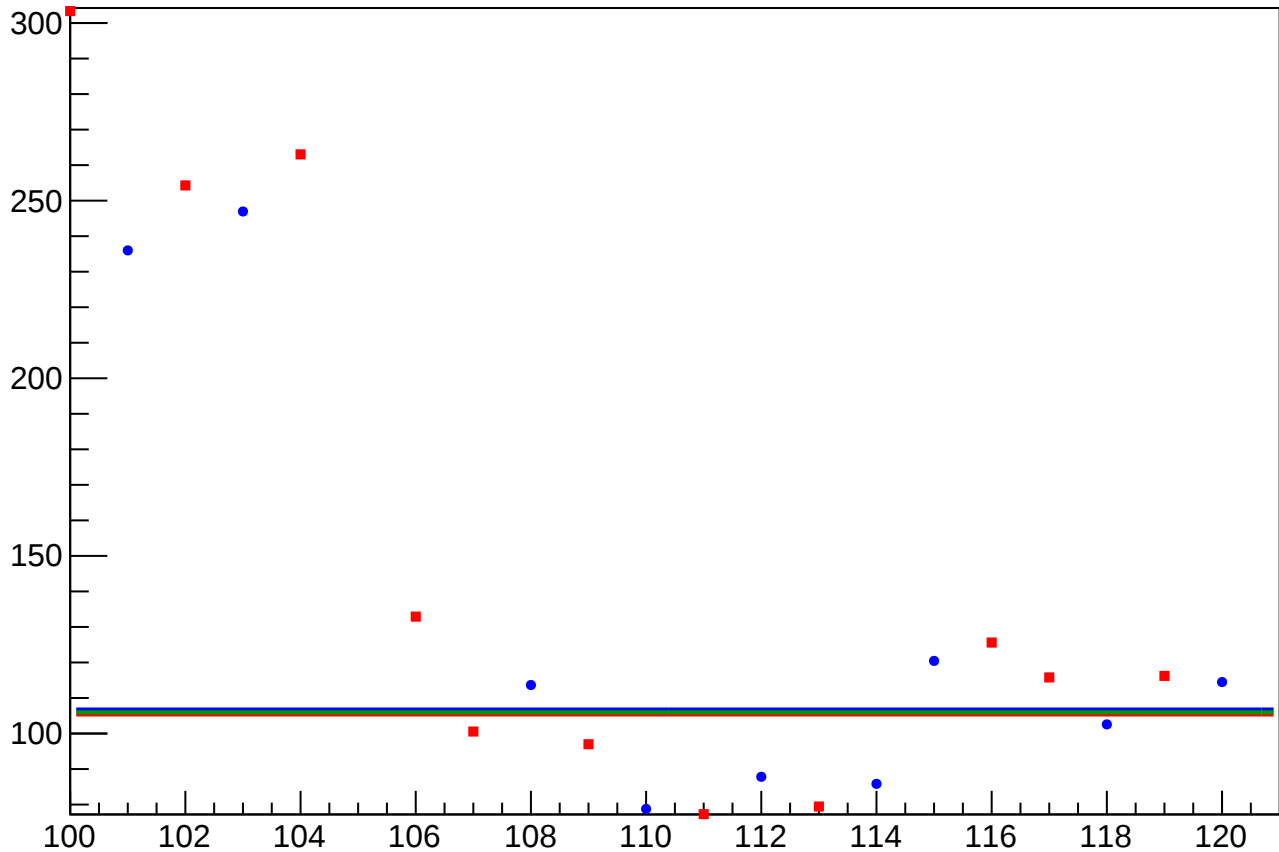
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4633.920+/-62.839 χ^2/NDF : 18322.1/8

554.693+/-41.580 χ^2/NDF : 29621.5/20

-2622.386+/-55.457 χ^2/NDF : 3803.3/11

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 106.770+/-0.044 χ^2/NDF : 846802.6/8

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

Right Out: 105.349+/-0.039 χ^2/NDF : 1036992.4/11

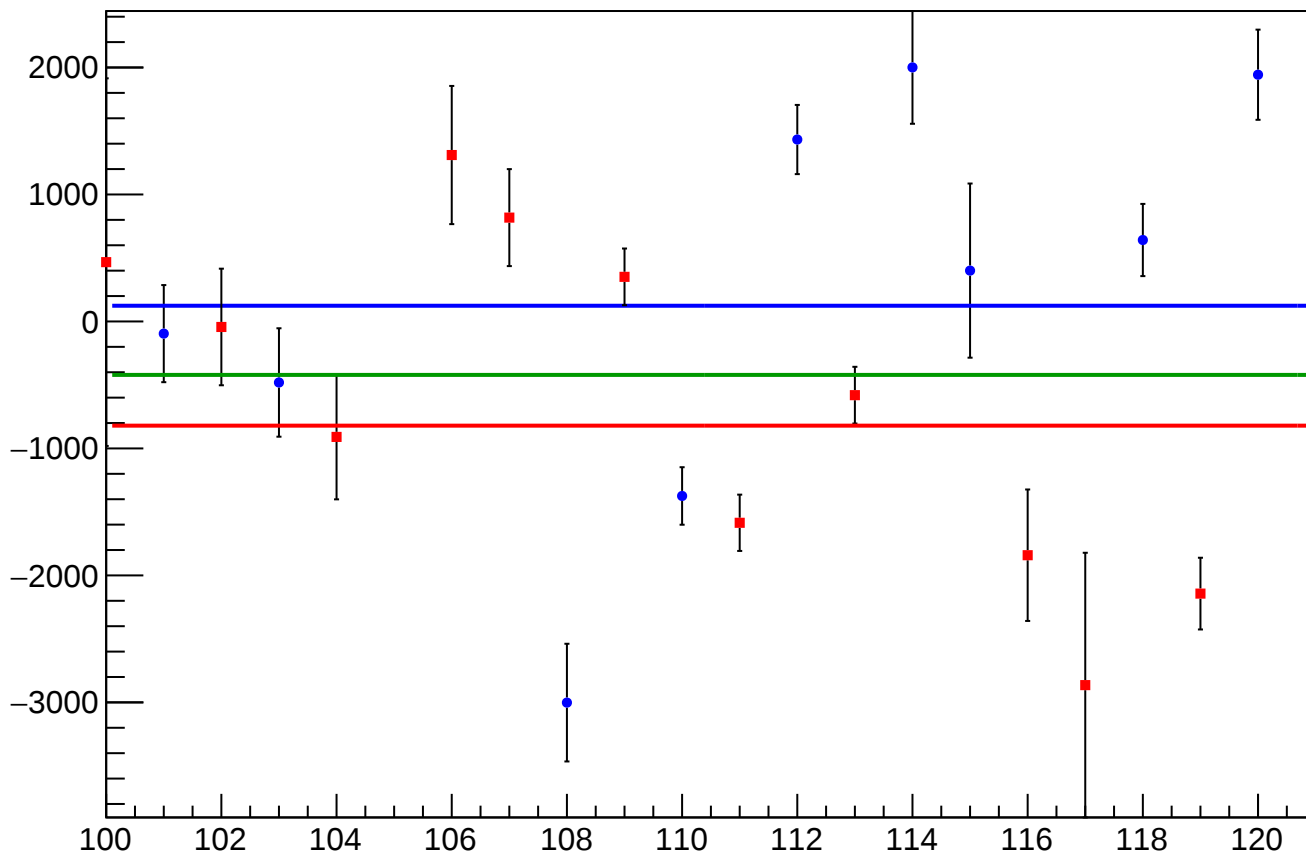
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.770+/-0.044 χ^2/NDF : 846802.6/8

105.971+/-0.029 χ^2/NDF : 1884370.0/20

105.349+/-0.039 χ^2/NDF : 1036992.4/11

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 123.718+/-113.626 χ^2/NDF : 162.3/8

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

Right Out: -820.599+/-97.326 χ^2/NDF : 127.7/11

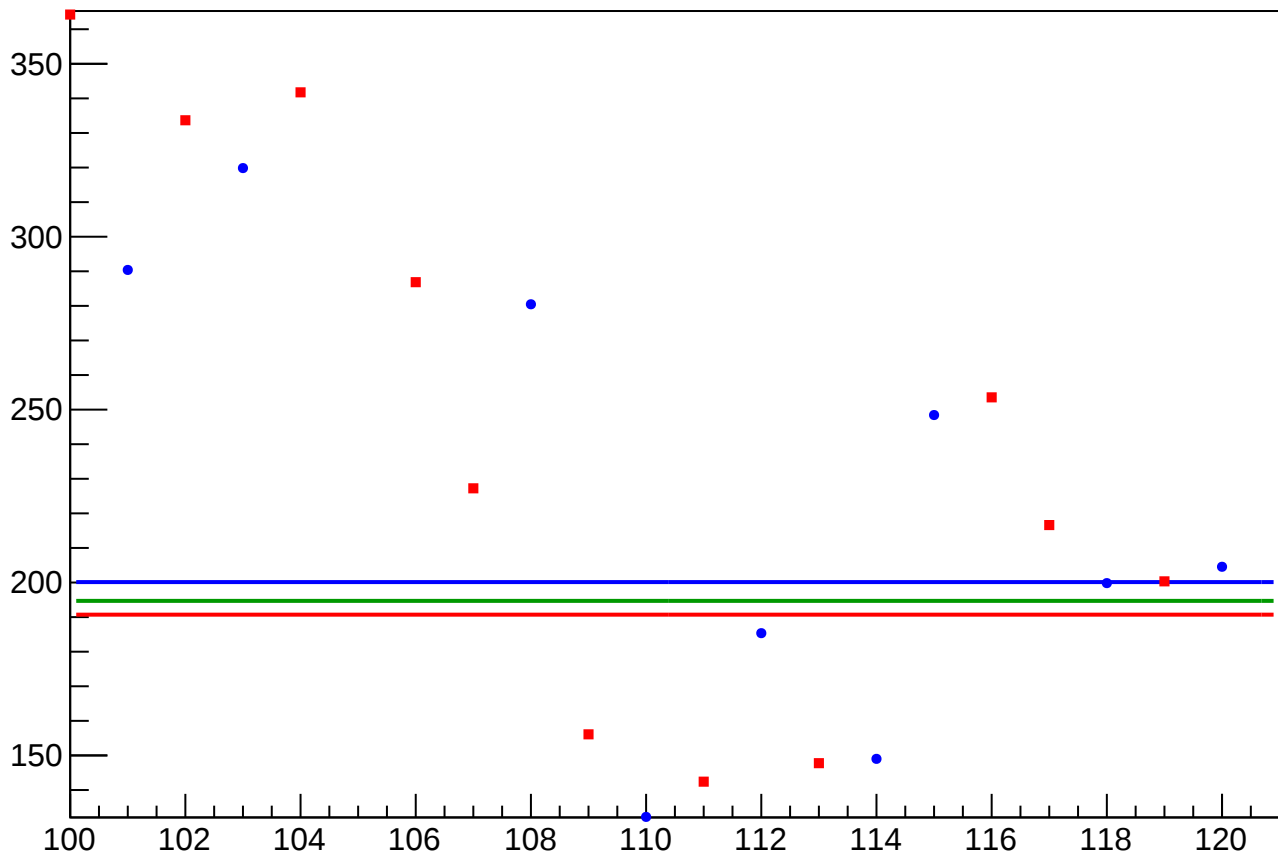
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.718+/-113.626 χ^2/NDF : 162.3/8

-420.977+/-73.917 χ^2/NDF : 329.8/20

-820.599+/-97.326 χ^2/NDF : 127.7/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 200.128 +/- 0.080 χ^2/NDF : 551216.5/8

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

Right Out: 190.708 +/- 0.069 χ^2/NDF : 751752.5/11

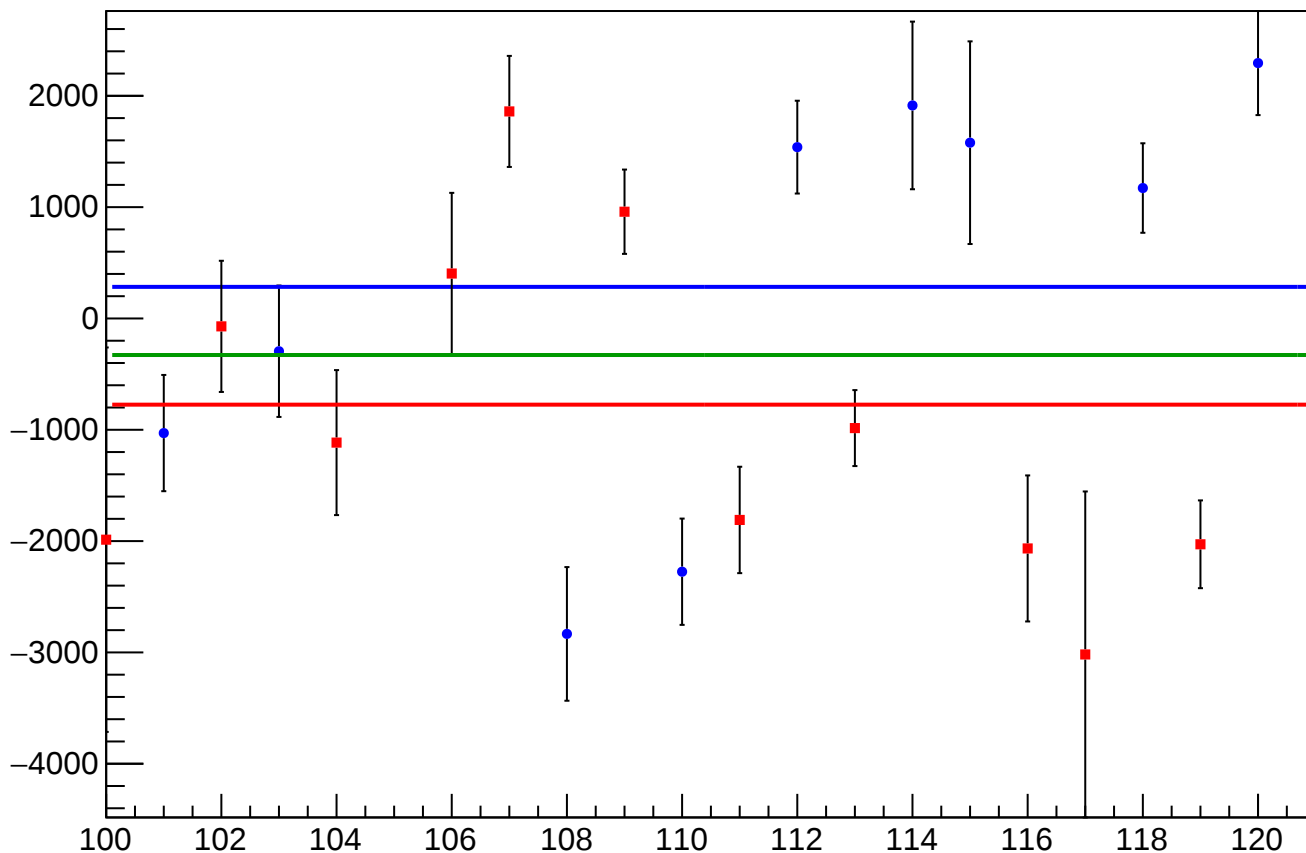
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

200.128 +/- 0.080 χ^2/NDF : 551216.5/8

194.695 +/- 0.052 χ^2/NDF : 1310897.5/20

190.708 +/- 0.069 χ^2/NDF : 751752.5/11

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 283.860 $\pm$ 173.582 χ^2 /NDF: 102.1/8

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

Right Out: -774.292 $\pm$ 148.158 χ^2 /NDF: 85.9/11

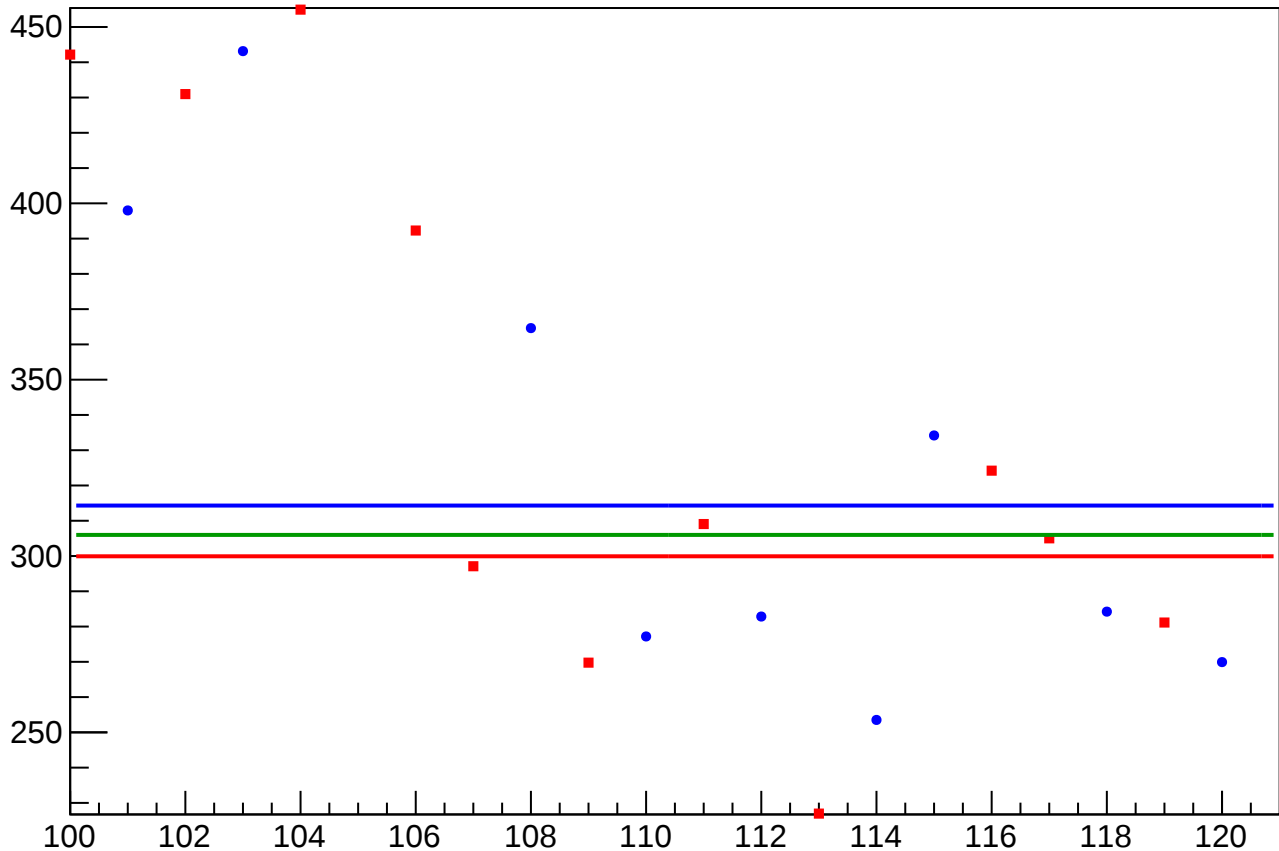
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

283.860 $\pm$ 173.582 χ^2 /NDF: 102.1/8

-328.311 $\pm$ 112.691 χ^2 /NDF: 209.5/20

-774.292 $\pm$ 148.158 χ^2 /NDF: 85.9/11

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 314.308+/-0.123 χ^2/NDF : 227404.6/8

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

Right Out: 299.923+/-0.105 χ^2/NDF : 374313.2/11

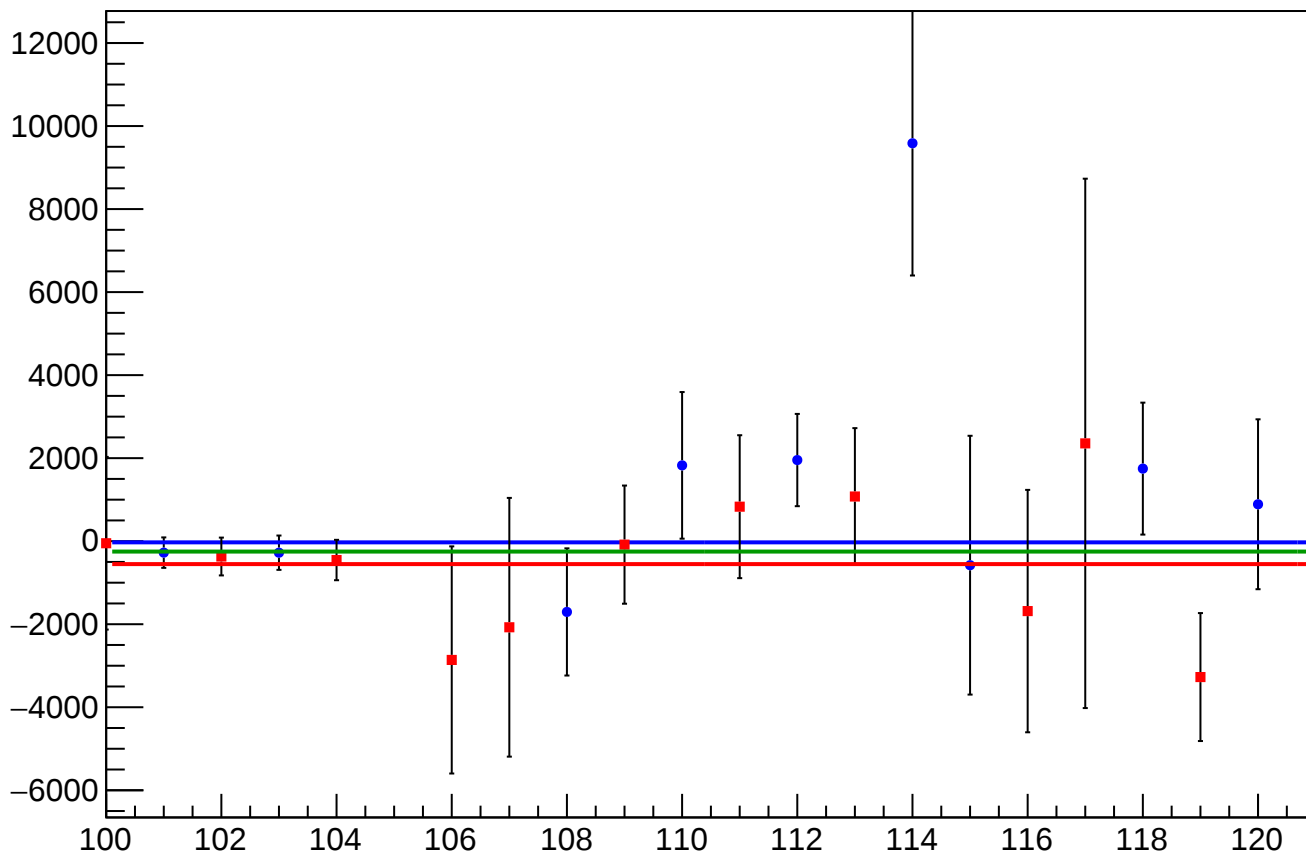
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

314.308+/-0.123 χ^2/NDF : 227404.6/8

305.986+/-0.080 χ^2/NDF : 609664.8/20

299.923+/-0.105 χ^2/NDF : 374313.2/11

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -28.146 ± 252.555 χ^2/NDF : 16.9/8

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

Right Out: -552.073 ± 294.517 χ^2/NDF : 10.7/11

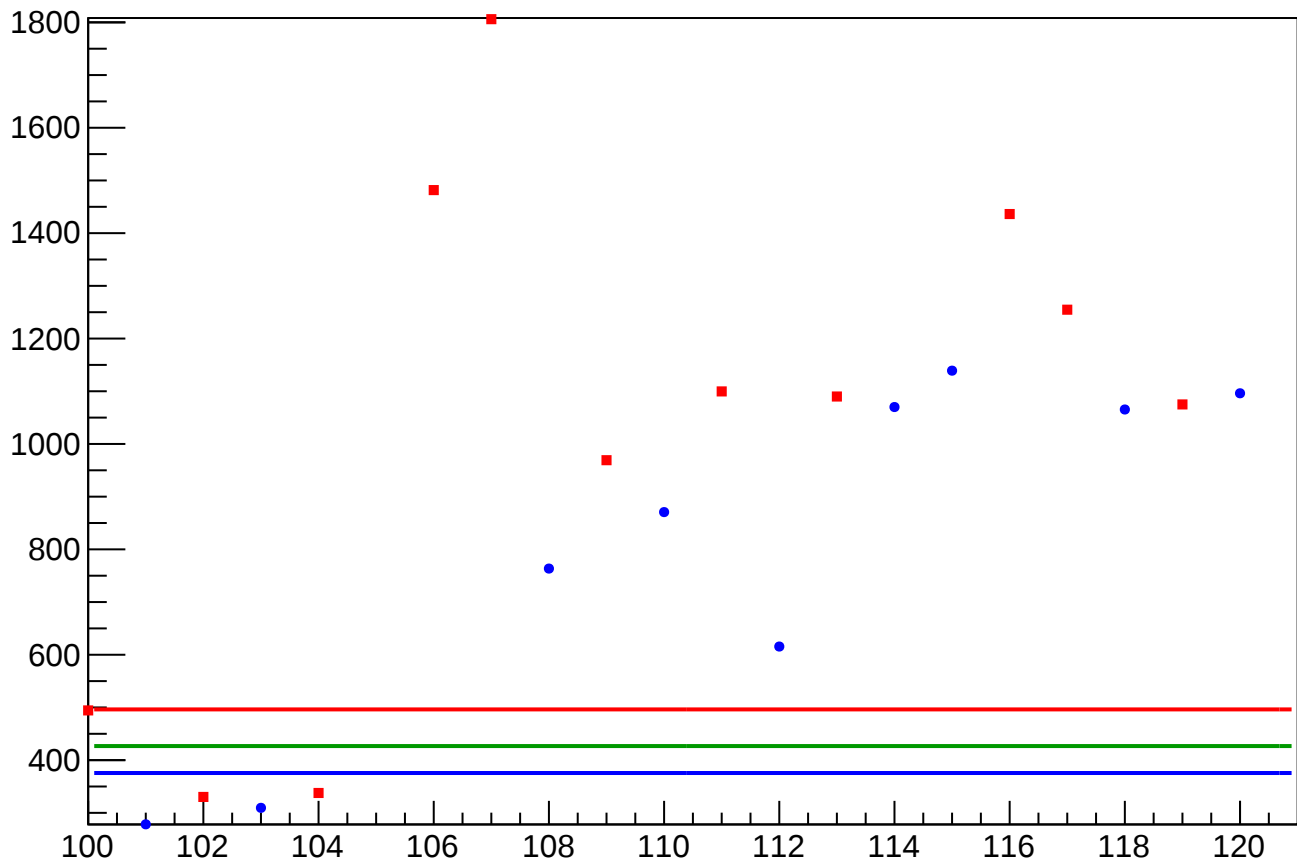
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.146 ± 252.555 χ^2/NDF : 16.9/8

-250.158 ± 191.718 χ^2/NDF : 29.4/20

-552.073 ± 294.517 χ^2/NDF : 10.7/11

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 375.602+/-0.179 χ^2/NDF : 1410584.5/8

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

Right Out: 496.291+/-0.208 χ^2/NDF : 2580603.7/11

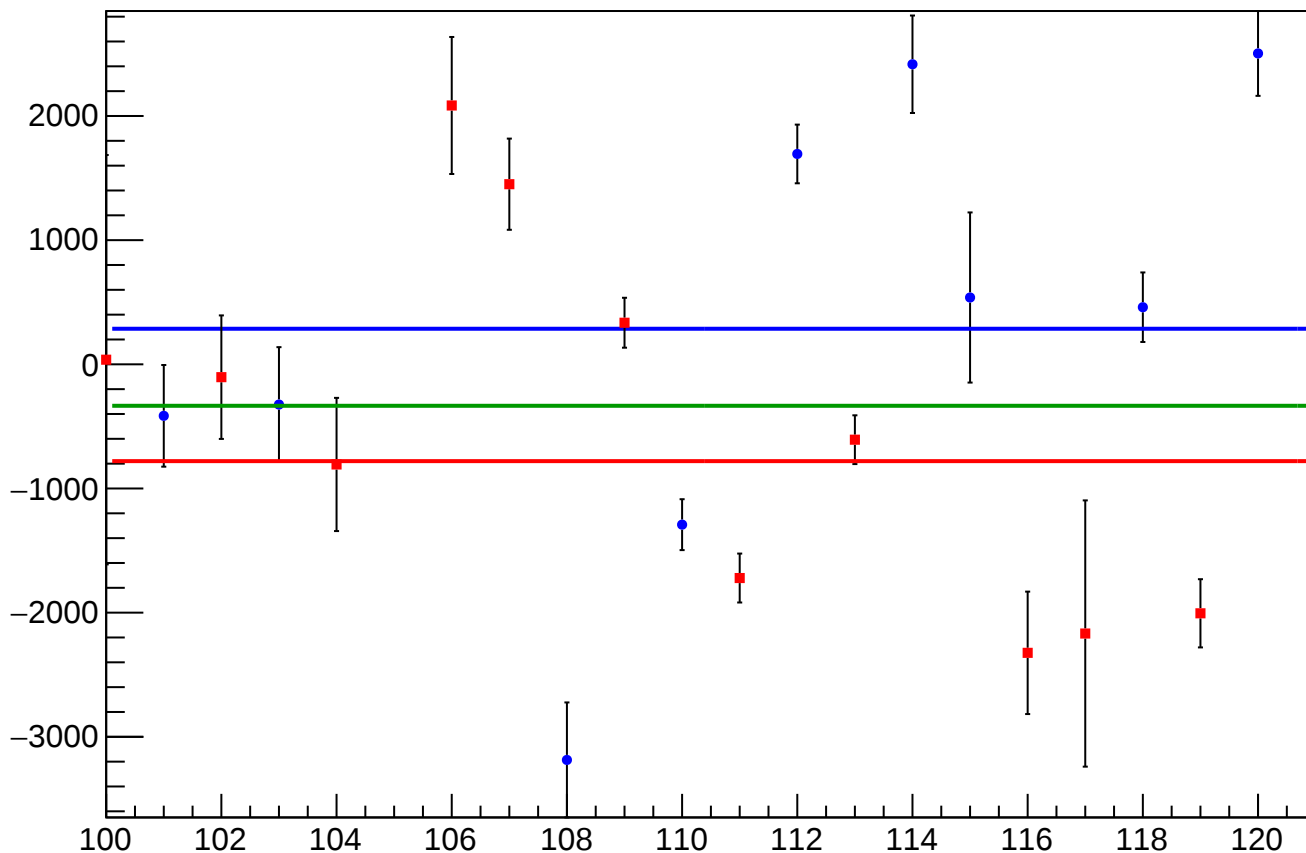
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

375.602+/-0.179 χ^2/NDF : 1410584.5/8

426.744+/-0.136 χ^2/NDF : 4184724.1/20

496.291+/-0.208 χ^2/NDF : 2580603.7/11

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 286.470+/-107.236 χ^2/NDF : 227.7/8

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

Right Out: -779.718+/-90.895 χ^2/NDF : 173.1/11

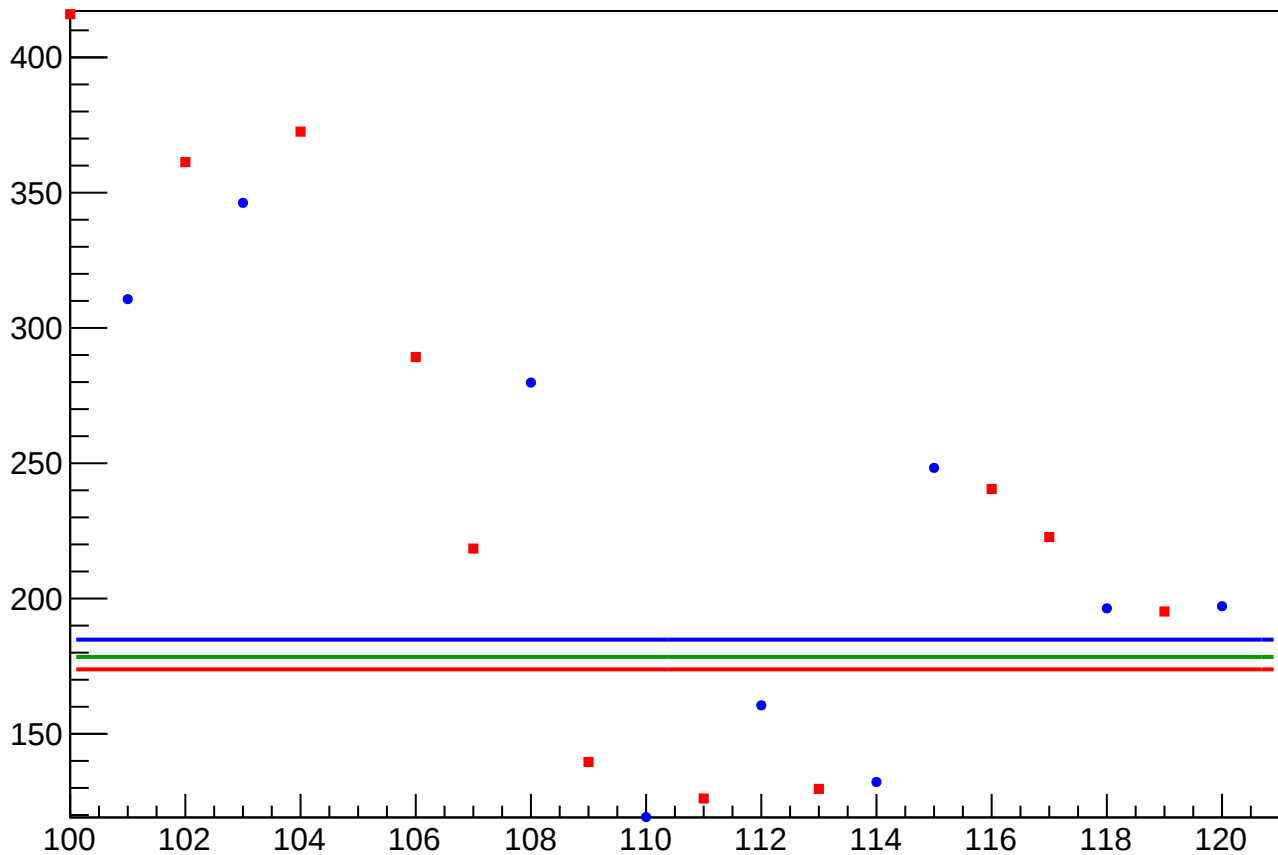
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

286.470+/-107.236 χ^2/NDF : 227.7/8

-333.964+/-69.338 χ^2/NDF : 458.4/20

-779.718+/-90.895 χ^2/NDF : 173.1/11

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 184.813+/-0.076 χ^2/NDF : 801788.9/8

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

Right Out: 173.824+/-0.064 χ^2/NDF : 1084236.6/11

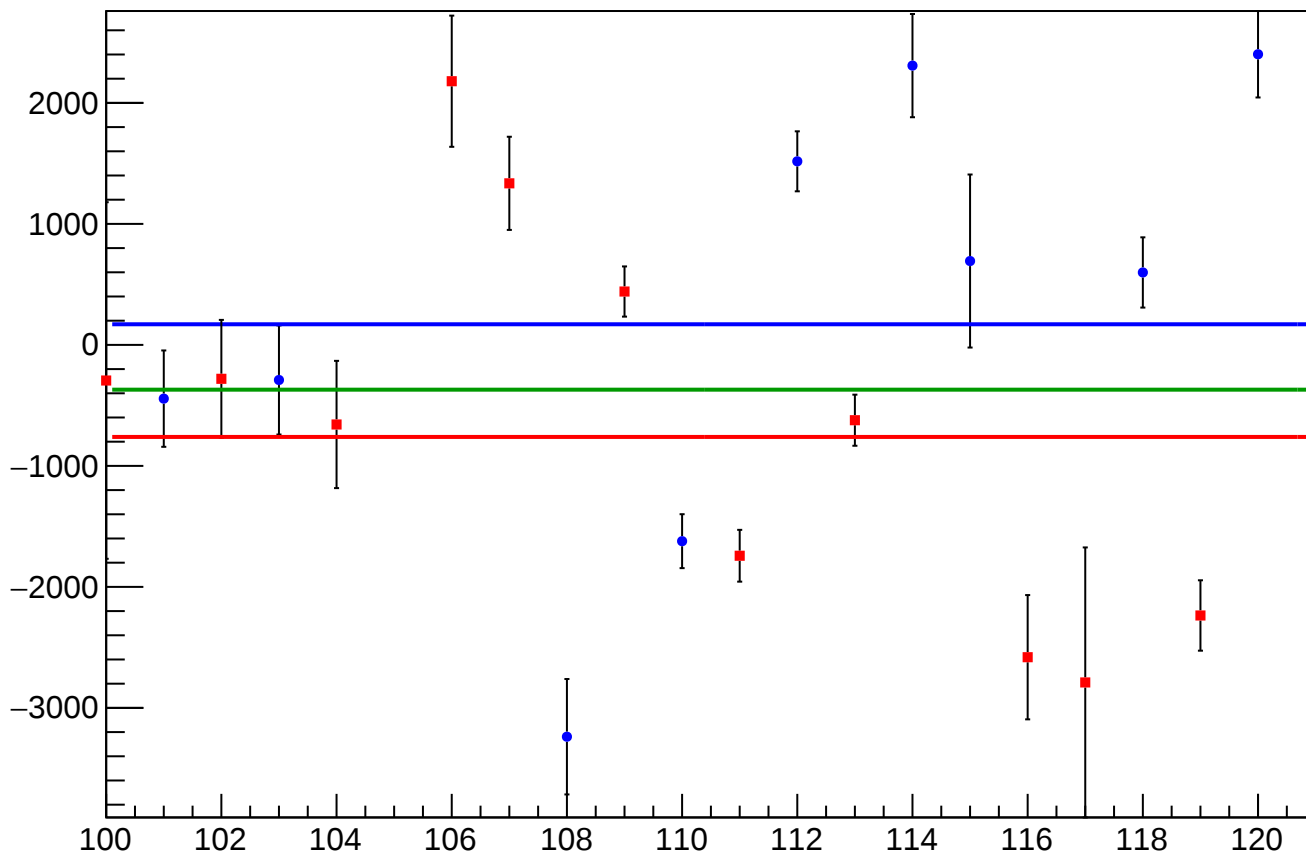
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

184.813+/-0.076 χ^2/NDF : 801788.9/8

178.419+/-0.049 χ^2/NDF : 1898245.9/20

173.824+/-0.064 χ^2/NDF : 1084236.6/11

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 170.434+/-112.376 χ^2/NDF : 215.6/8

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

Right Out: -760.705+/-95.542 χ^2/NDF : 171.8/11

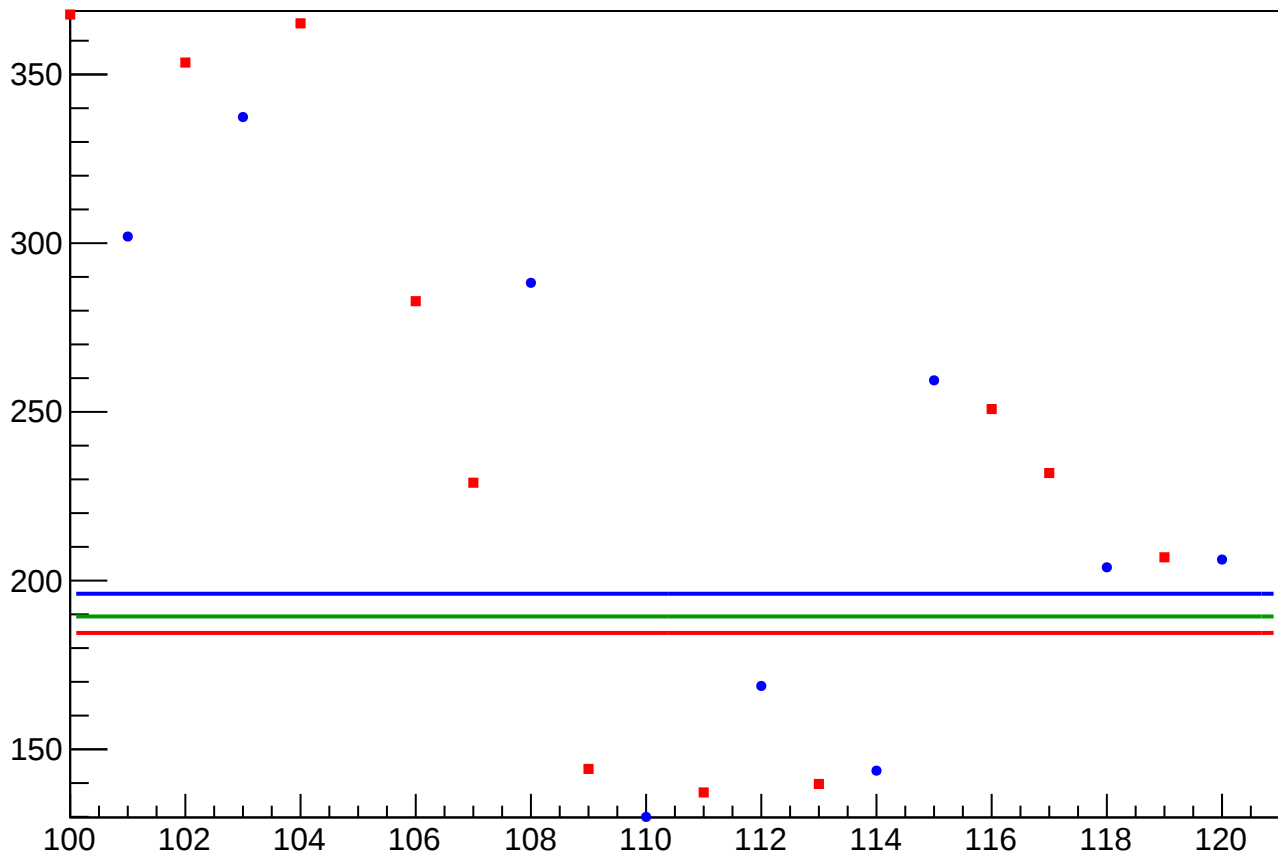
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.434+/-112.376 χ^2/NDF : 215.6/8

-370.031+/-72.790 χ^2/NDF : 427.2/20

-760.705+/-95.542 χ^2/NDF : 171.8/11

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 196.107+/-0.079 χ^2/NDF : 662045.7/8

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

Right Out: 184.500+/-0.068 χ^2/NDF : 943310.1/11

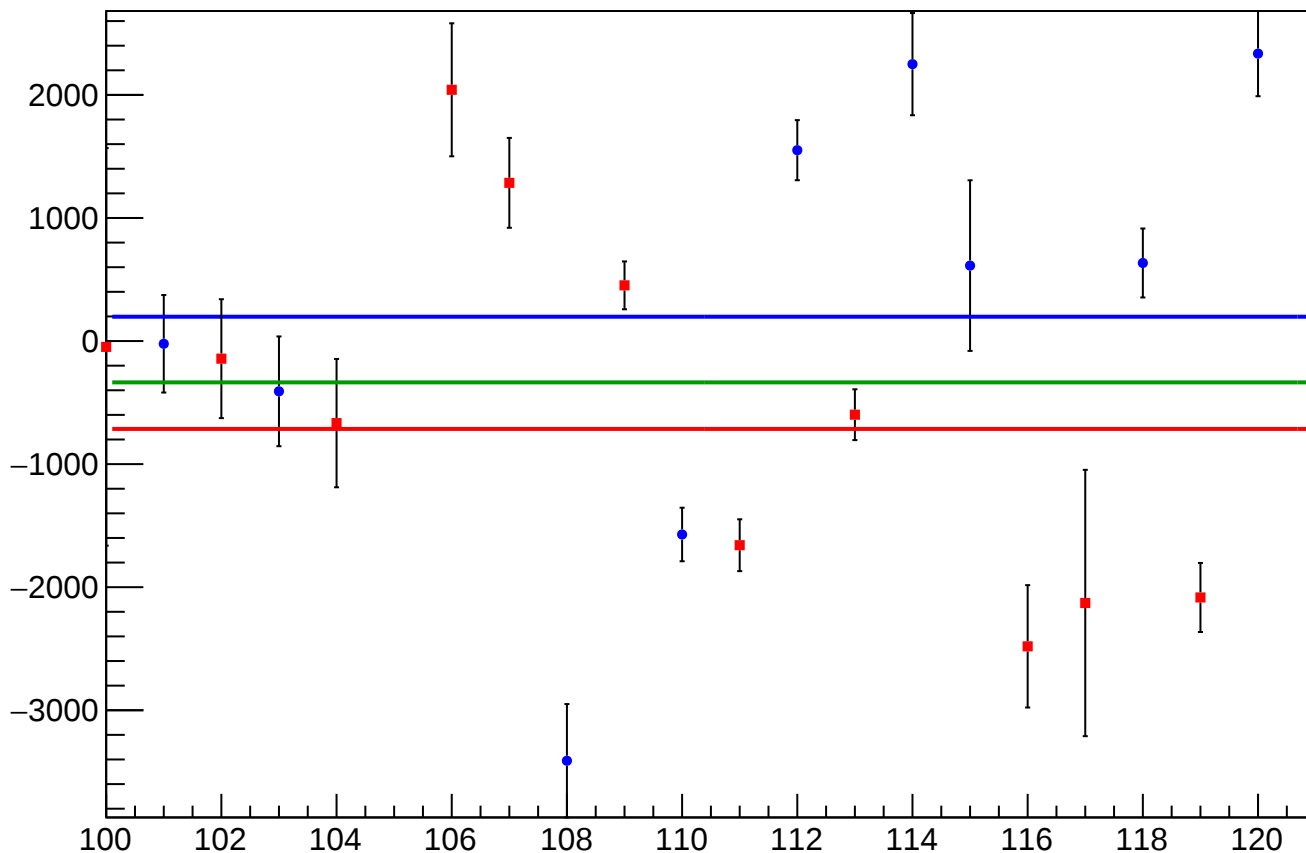
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.107+/-0.079 χ^2/NDF : 662045.7/8

189.370+/-0.051 χ^2/NDF : 1617738.6/20

184.500+/-0.068 χ^2/NDF : 943310.1/11

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 197.793+/-109.778 χ^2/NDF : 225.8/8

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

Right Out: -714.135+/-92.433 χ^2/NDF : 176.9/11

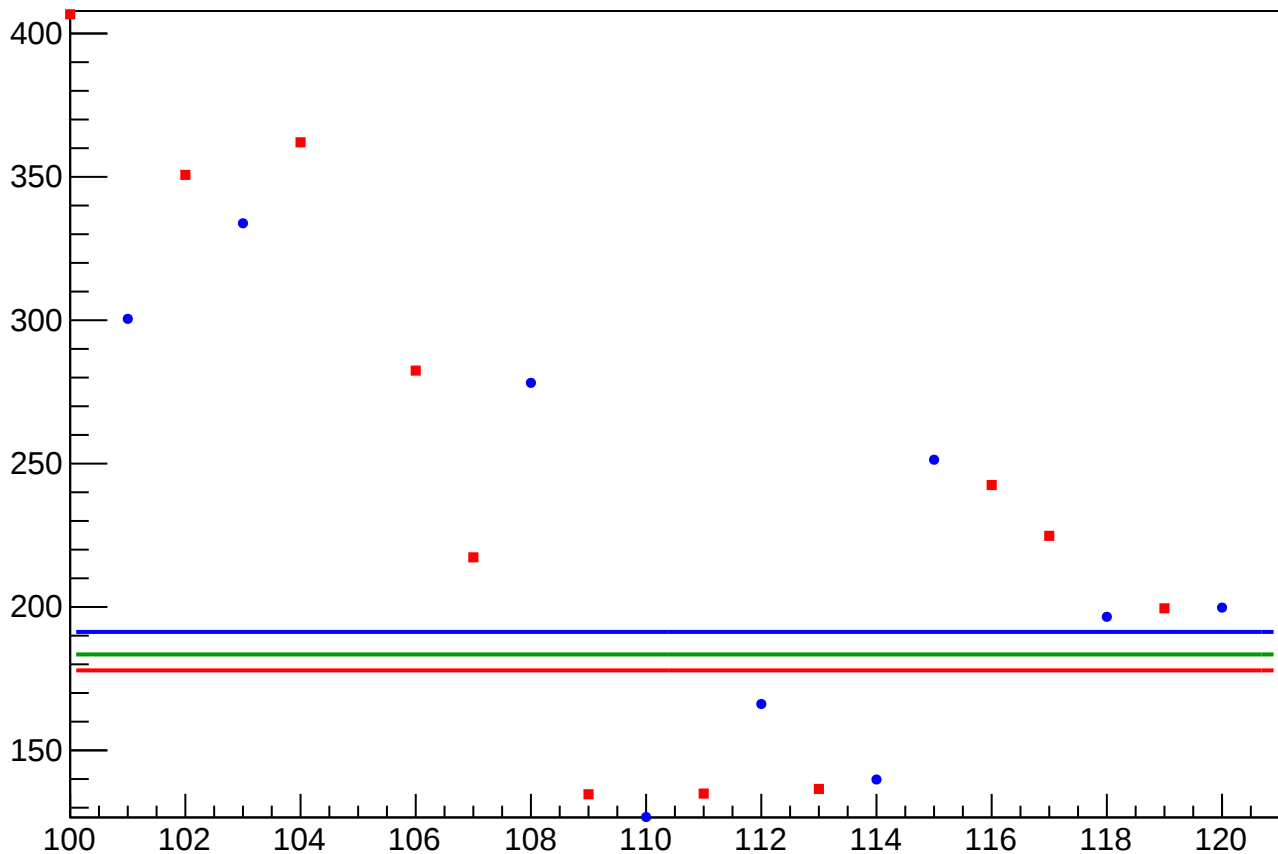
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.793+/-109.778 χ^2/NDF : 225.8/8

-335.821+/-70.707 χ^2/NDF : 443.0/20

-714.135+/-92.433 χ^2/NDF : 176.9/11

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 191.304+/-0.078 χ^2/NDF : 672287.5/8

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

Right Out: 177.882+/-0.065 χ^2/NDF : 986136.6/11

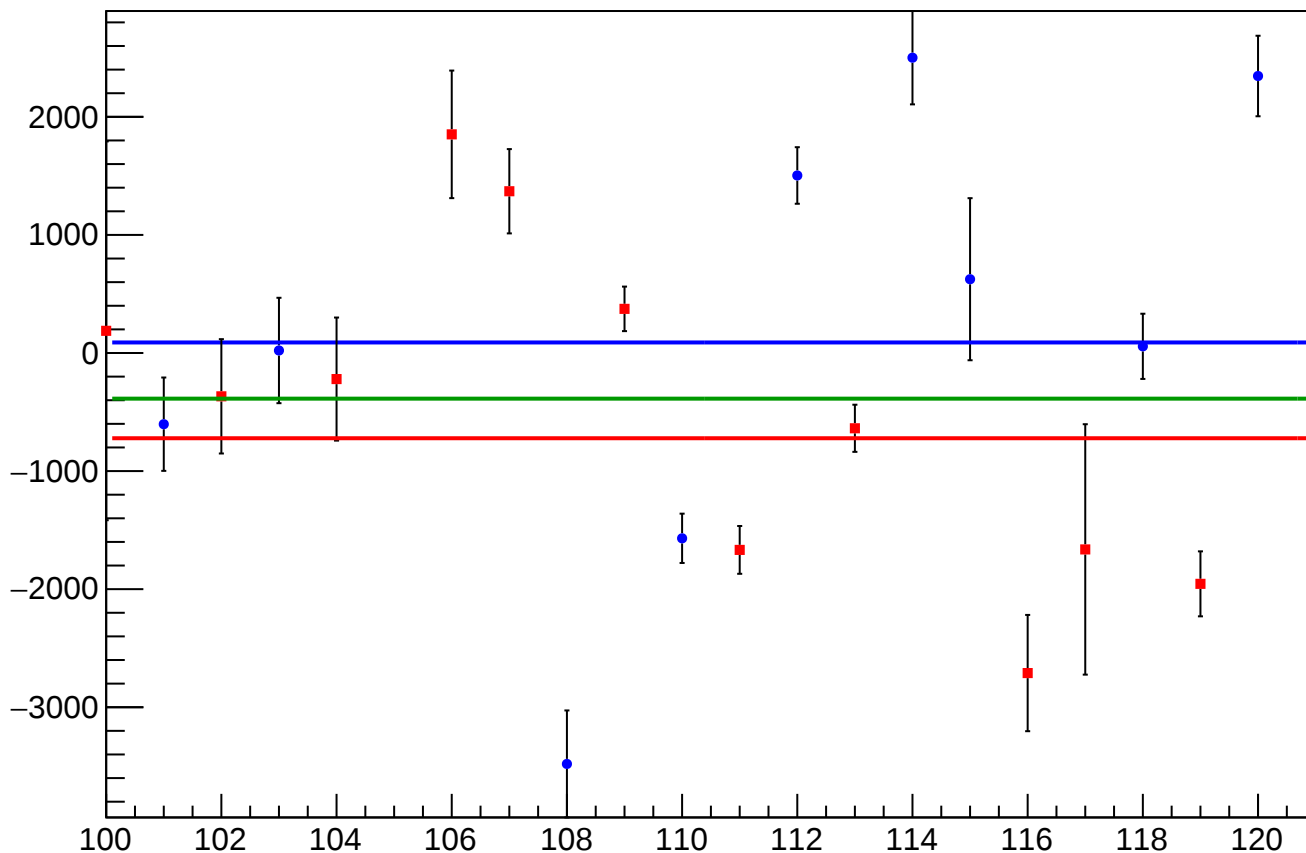
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.304+/-0.078 χ^2/NDF : 672287.5/8

183.450+/-0.050 χ^2/NDF : 1675917.7/20

177.882+/-0.065 χ^2/NDF : 986136.6/11

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 89.256+/-107.274 χ^2/NDF : 244.7/8

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

Right Out: -721.903+/-90.046 χ^2/NDF : 174.9/11

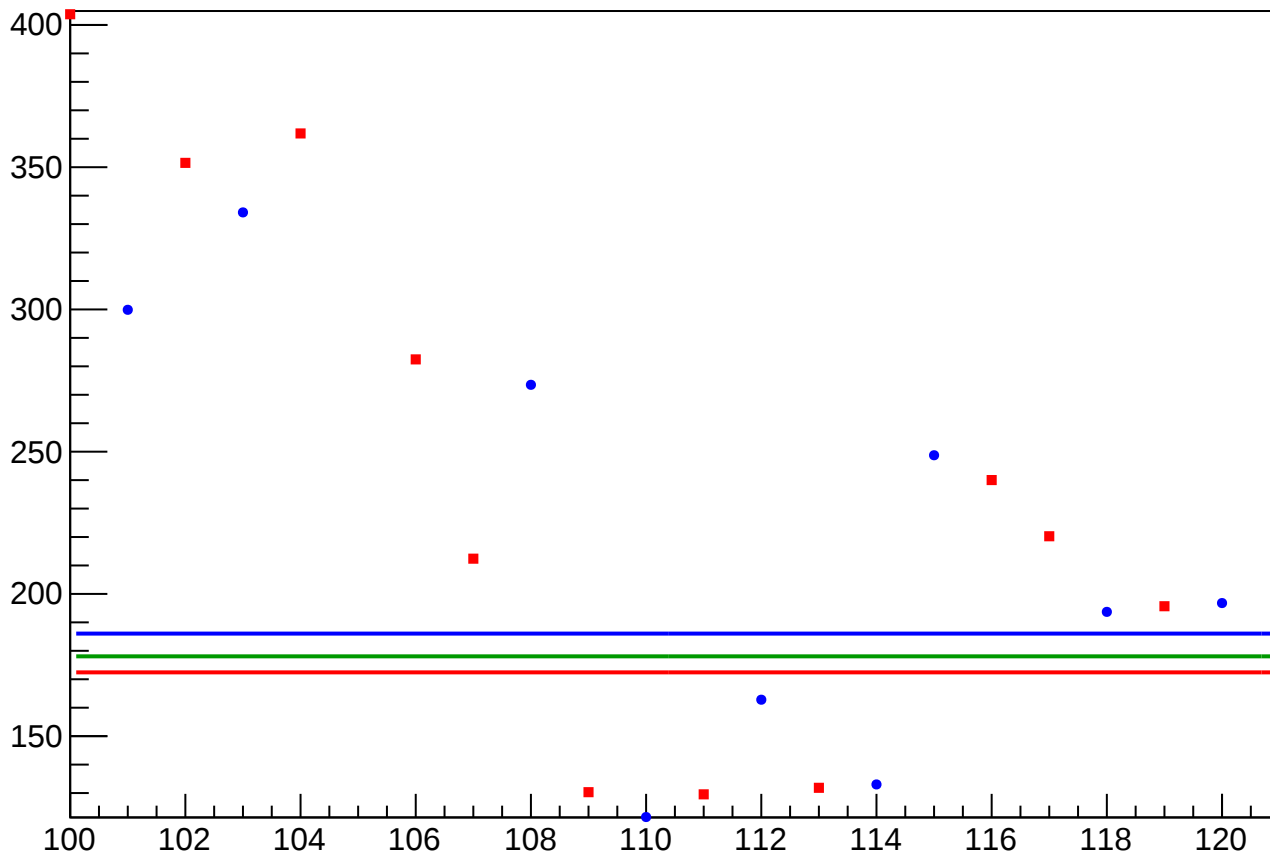
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.256+/-107.274 χ^2/NDF : 244.7/8

-386.610+/-68.969 χ^2/NDF : 453.1/20

-721.903+/-90.046 χ^2/NDF : 174.9/11

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 186.052+/-0.076 χ^2/NDF : 726207.4/8

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

Right Out: 172.422+/-0.064 χ^2/NDF : 1052462.8/11

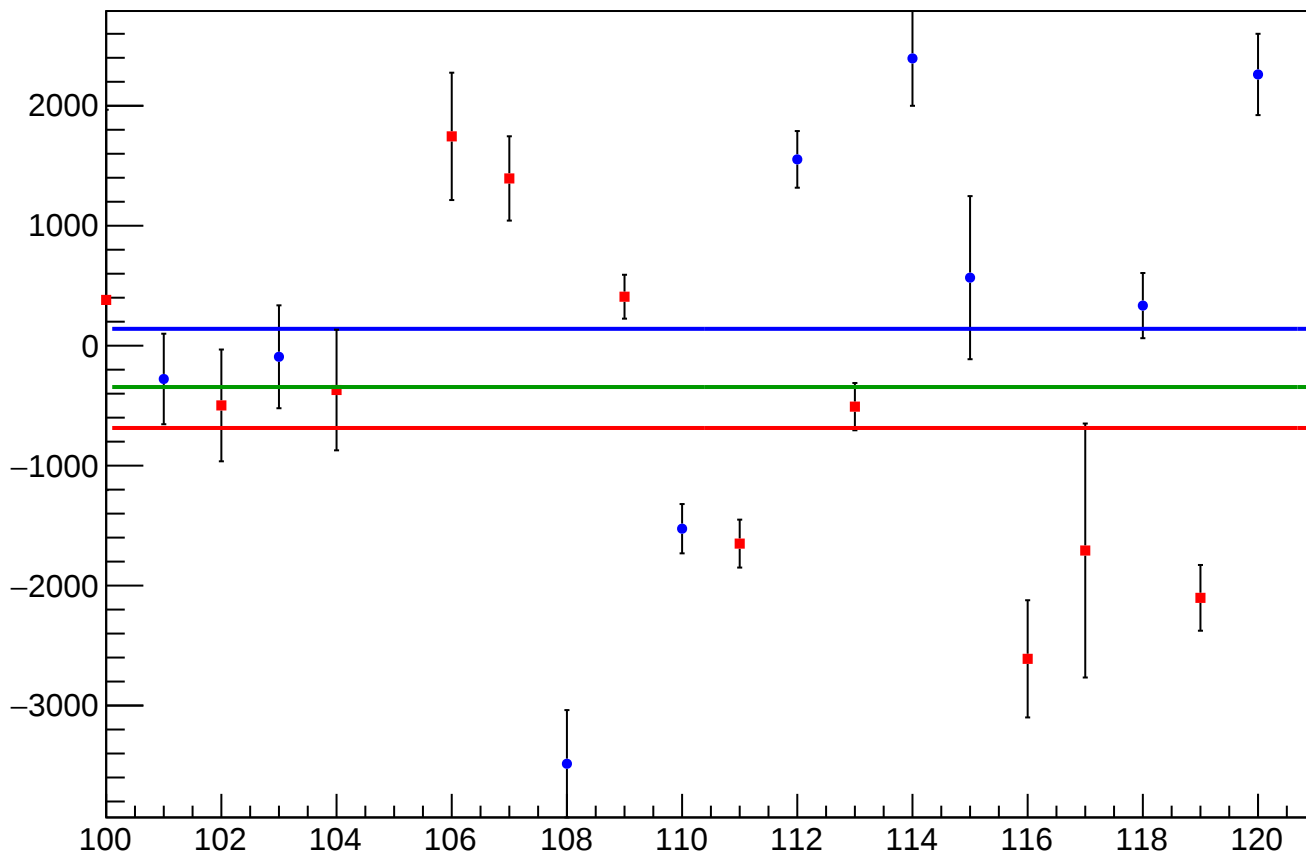
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

186.052+/-0.076 χ^2/NDF : 726207.4/8

178.056+/-0.049 χ^2/NDF : 1797612.4/20

172.422+/-0.064 χ^2/NDF : 1052462.8/11

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 140.431+/-105.482 χ^2/NDF : 241.3/8

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

Right Out: -686.115+/-88.509 χ^2/NDF : 182.3/11

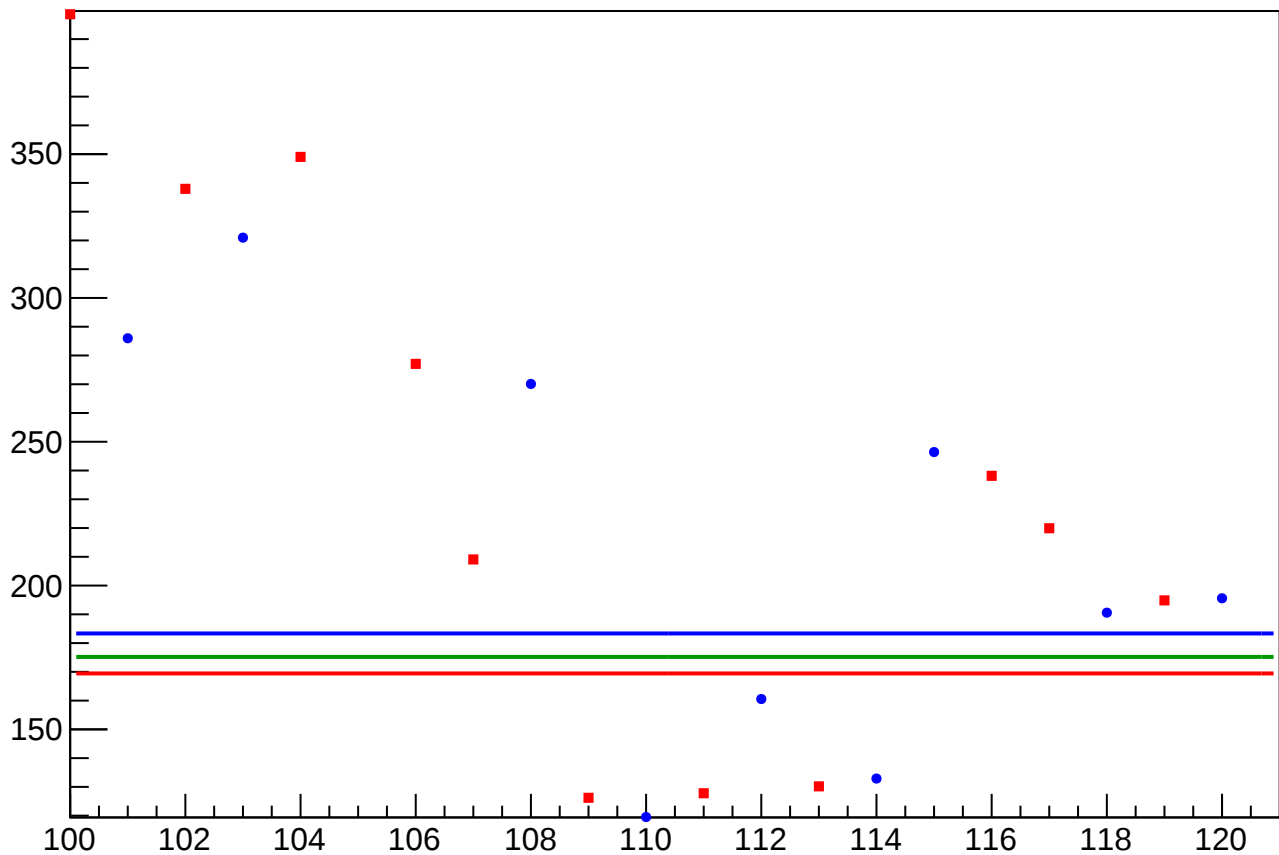
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.431+/-105.482 χ^2/NDF : 241.3/8

-344.614+/-67.802 χ^2/NDF : 459.6/20

-686.115+/-88.509 χ^2/NDF : 182.3/11

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 183.349+/-0.075 χ^2/NDF : 694556.6/8

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

Right Out: 169.449+/-0.063 χ^2/NDF : 1044461.3/11

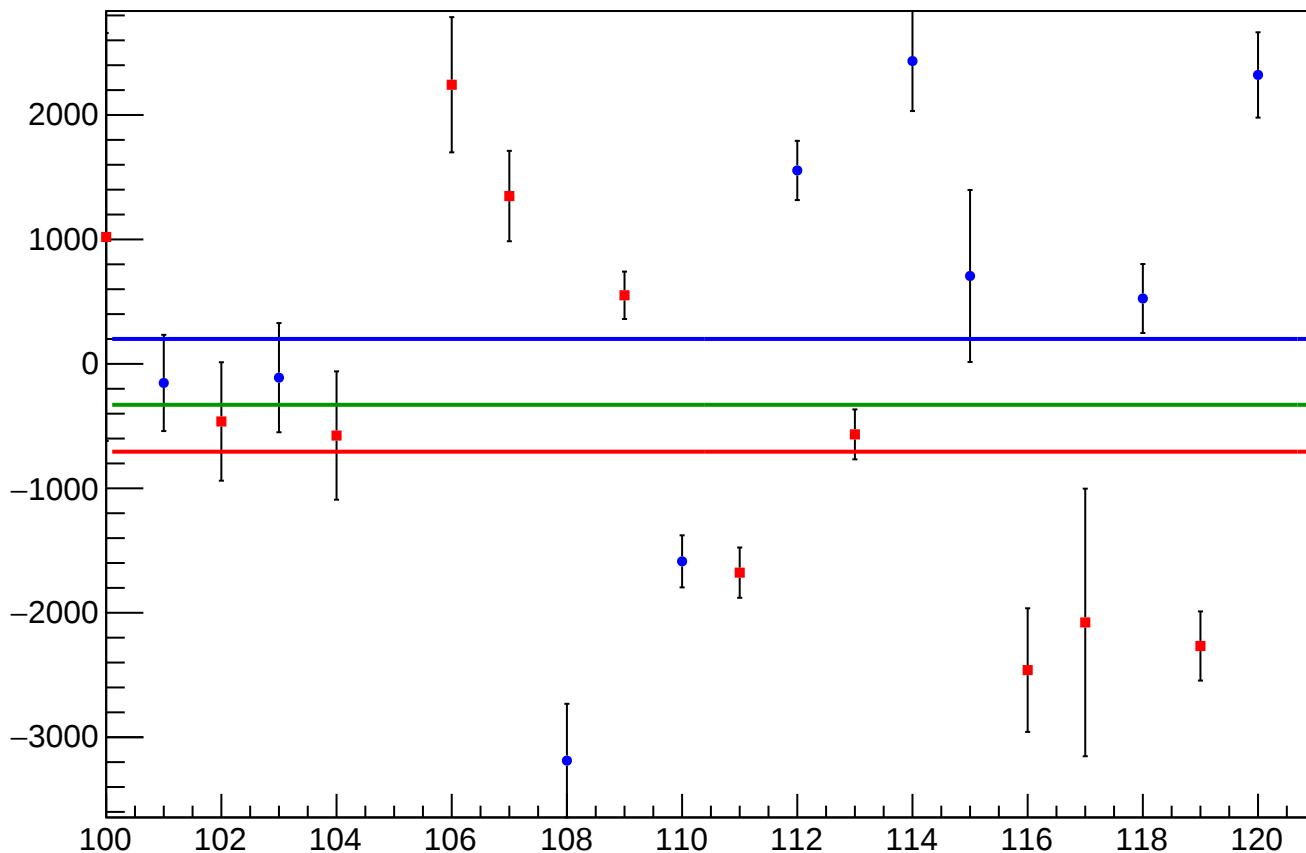
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

183.349+/-0.075 χ^2/NDF : 694556.6/8

175.192+/-0.048 χ^2/NDF : 1759397.9/20

169.449+/-0.063 χ^2/NDF : 1044461.3/11

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 200.381+/-107.205 χ^2/NDF : 232.8/8

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

Right Out: -705.571+/-90.467 χ^2/NDF : 199.1/11

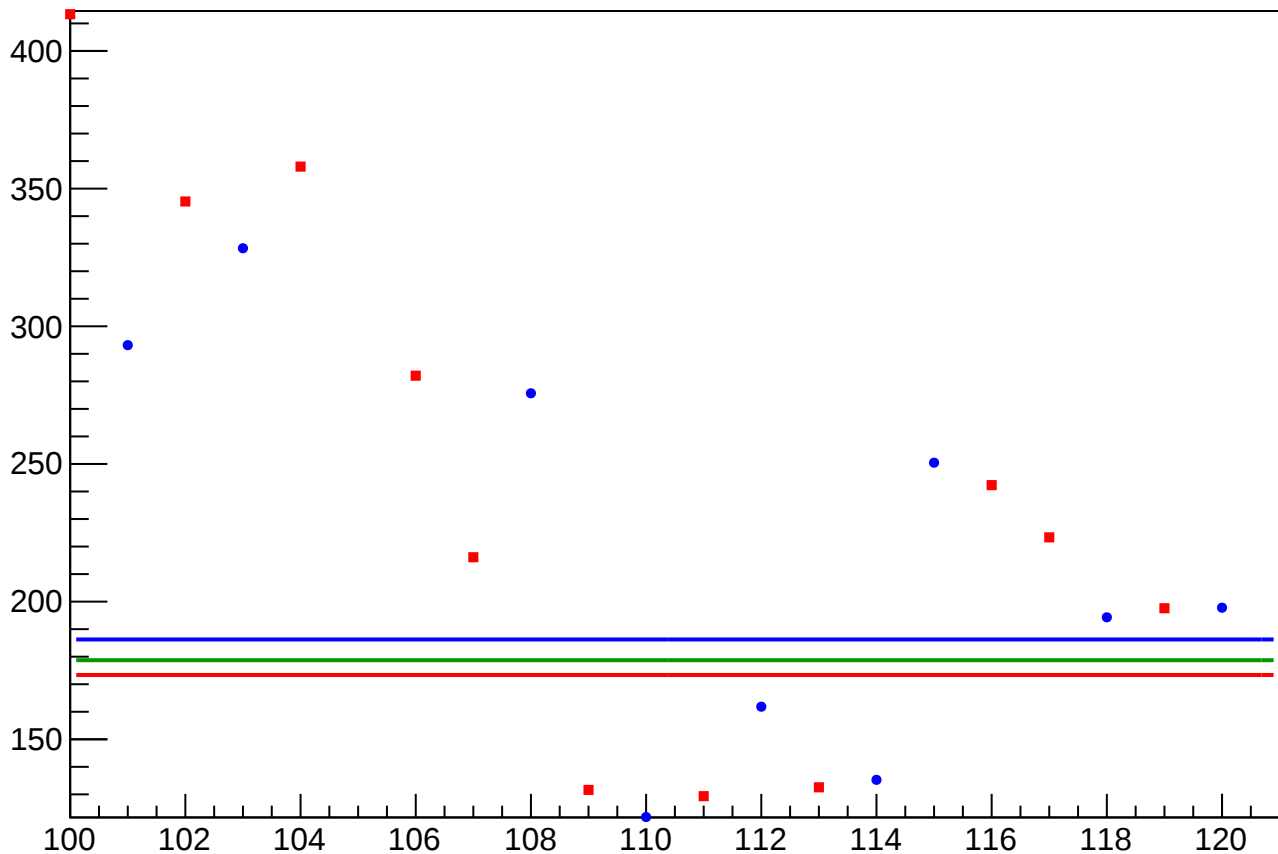
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.381+/-107.205 χ^2/NDF : 232.8/8

-328.760+/-69.139 χ^2/NDF : 473.7/20

-705.571+/-90.467 χ^2/NDF : 199.1/11

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 186.263+/-0.076 χ^2/NDF : 704021.8/8

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

Right Out: 173.362+/-0.064 χ^2/NDF : 1035206.7/11

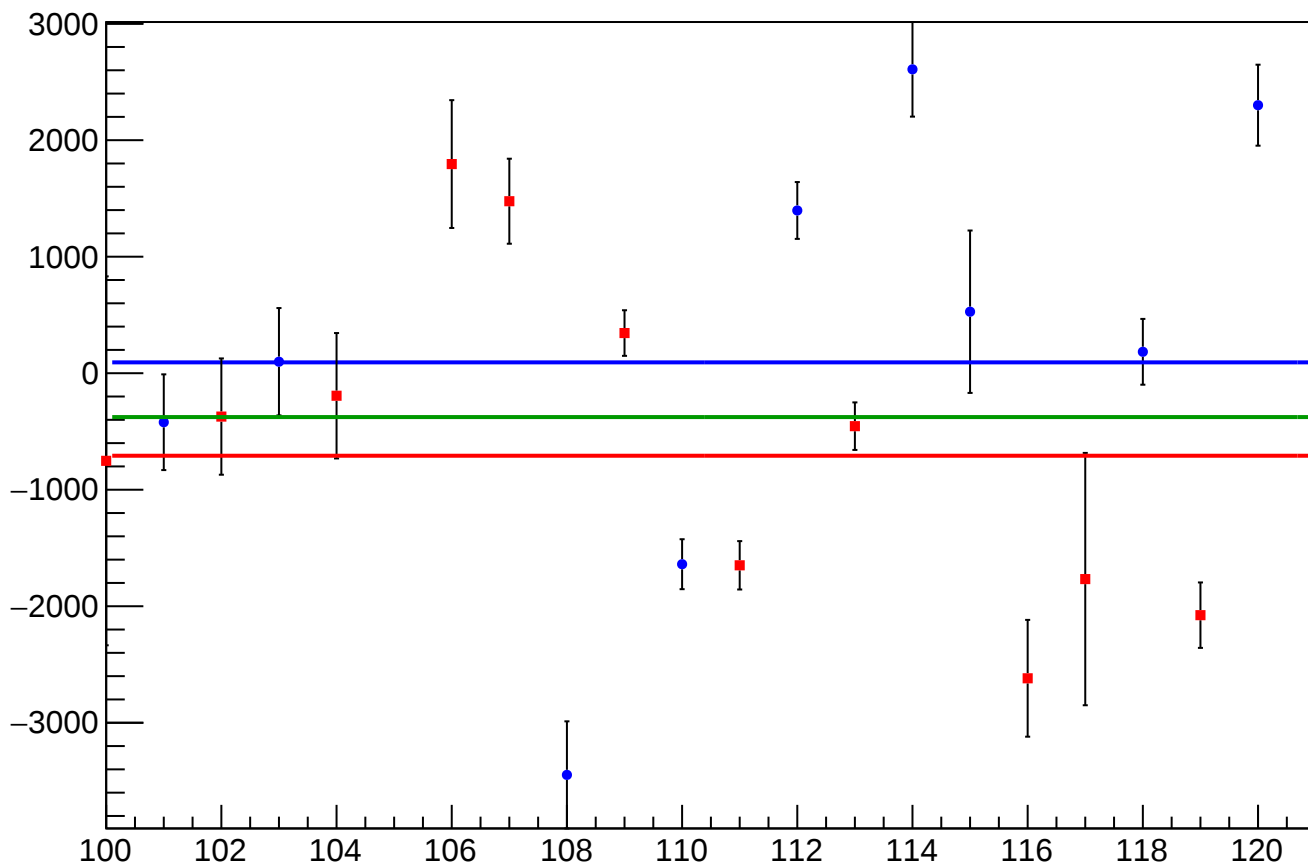
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

186.263+/-0.076 χ^2/NDF : 704021.8/8

178.728+/-0.049 χ^2/NDF : 1756143.8/20

173.362+/-0.064 χ^2/NDF : 1035206.7/11

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 93.058+/-109.835 χ^2/NDF : 234.0/8

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

Right Out: -708.259+/-92.340 χ^2/NDF : 172.8/11

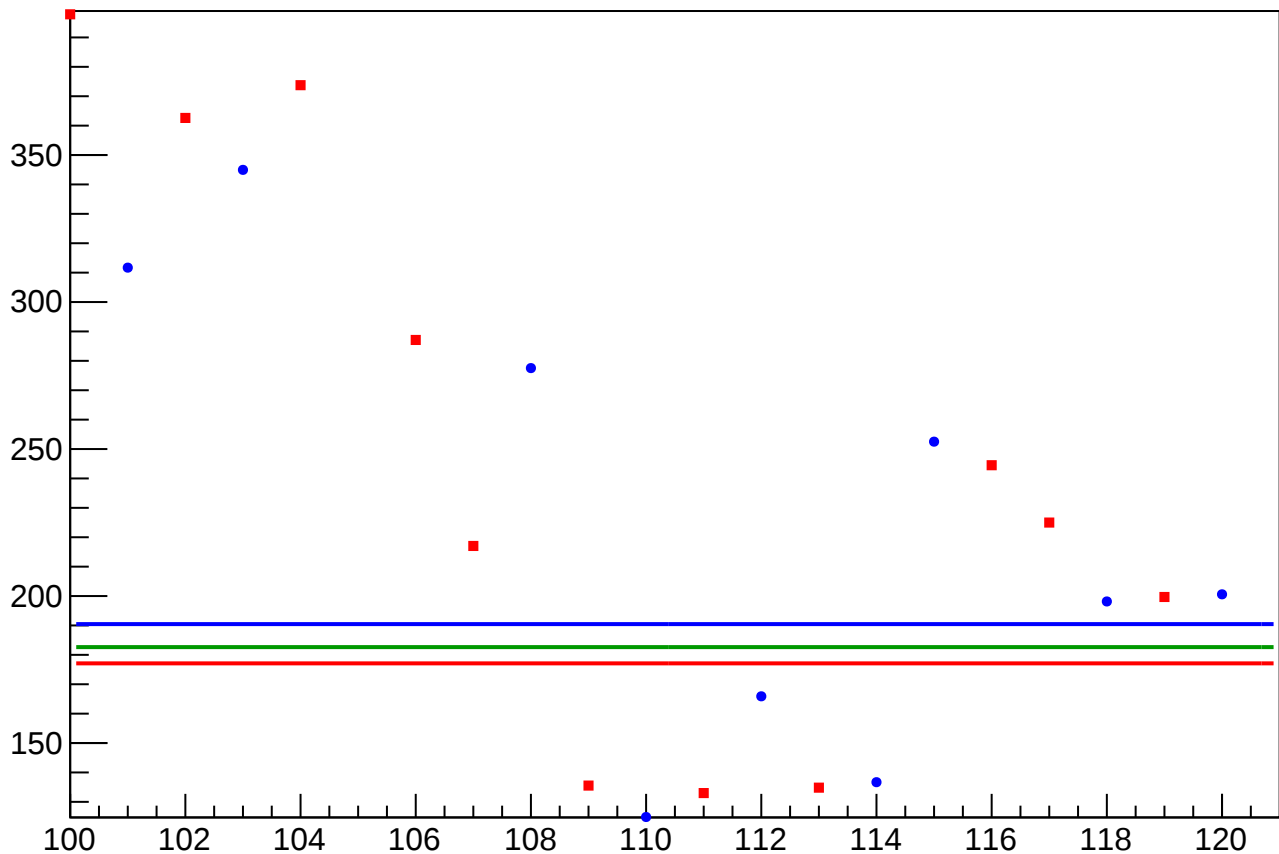
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

93.058+/-109.835 χ^2/NDF : 234.0/8

-376.425+/-70.680 χ^2/NDF : 438.0/20

-708.259+/-92.340 χ^2/NDF : 172.8/11

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 190.456+/-0.078 χ^2/NDF : 732770.4/8

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

Right Out: 177.103+/-0.065 χ^2/NDF : 1038298.2/11

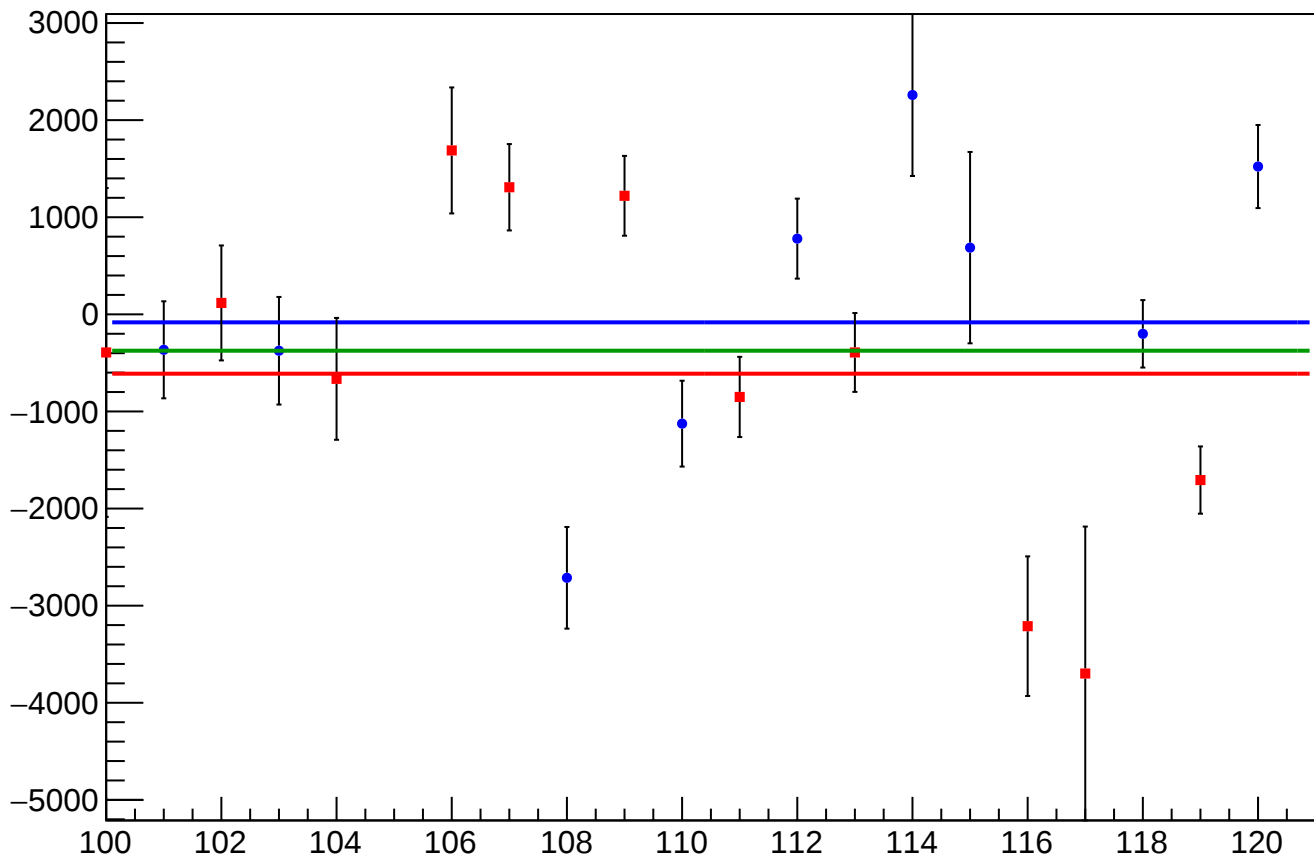
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.456+/-0.078 χ^2/NDF : 732770.4/8

182.633+/-0.050 χ^2/NDF : 1788386.4/20

177.103+/-0.065 χ^2/NDF : 1038298.2/11

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -82.444+/-161.918 χ^2/NDF : 58.5/8

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

Right Out: -611.132+/-145.706 χ^2/NDF : 109.3/11

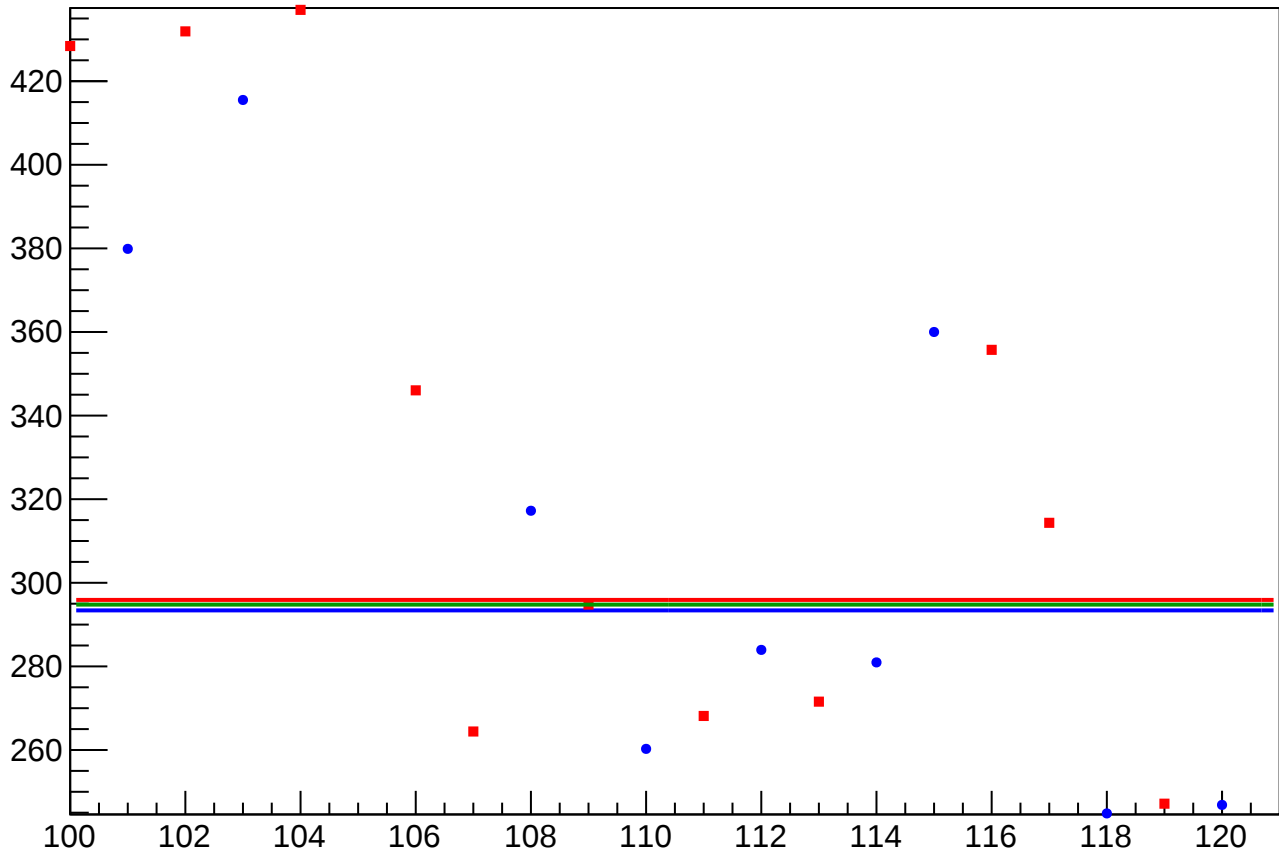
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-82.444+/-161.918 χ^2/NDF : 58.5/8

-374.573+/-108.309 χ^2/NDF : 173.7/20

-611.132+/-145.706 χ^2/NDF : 109.3/11

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 293.398+/-0.114 χ^2/NDF : 245878.9/8

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

Right Out: 295.906+/-0.103 χ^2/NDF : 319808.6/11

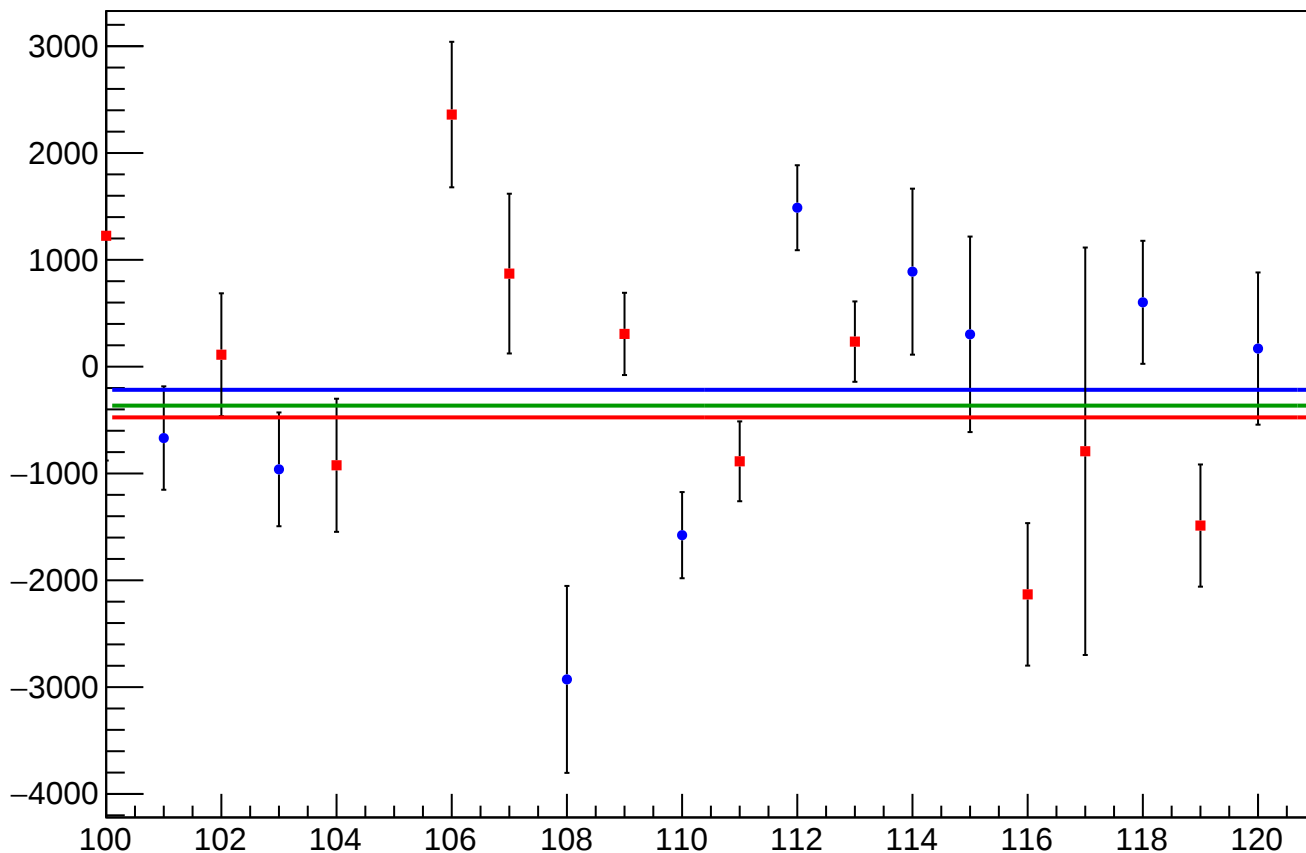
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

293.398+/-0.114 χ^2/NDF : 245878.9/8

294.784+/-0.077 χ^2/NDF : 565952.6/20

295.906+/-0.103 χ^2/NDF : 319808.6/11

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -216.733+/-184.412 χ^2 /NDF: 46.8/8

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

Right Out: -474.870+/-159.200 χ^2 /NDF: 72.7/11

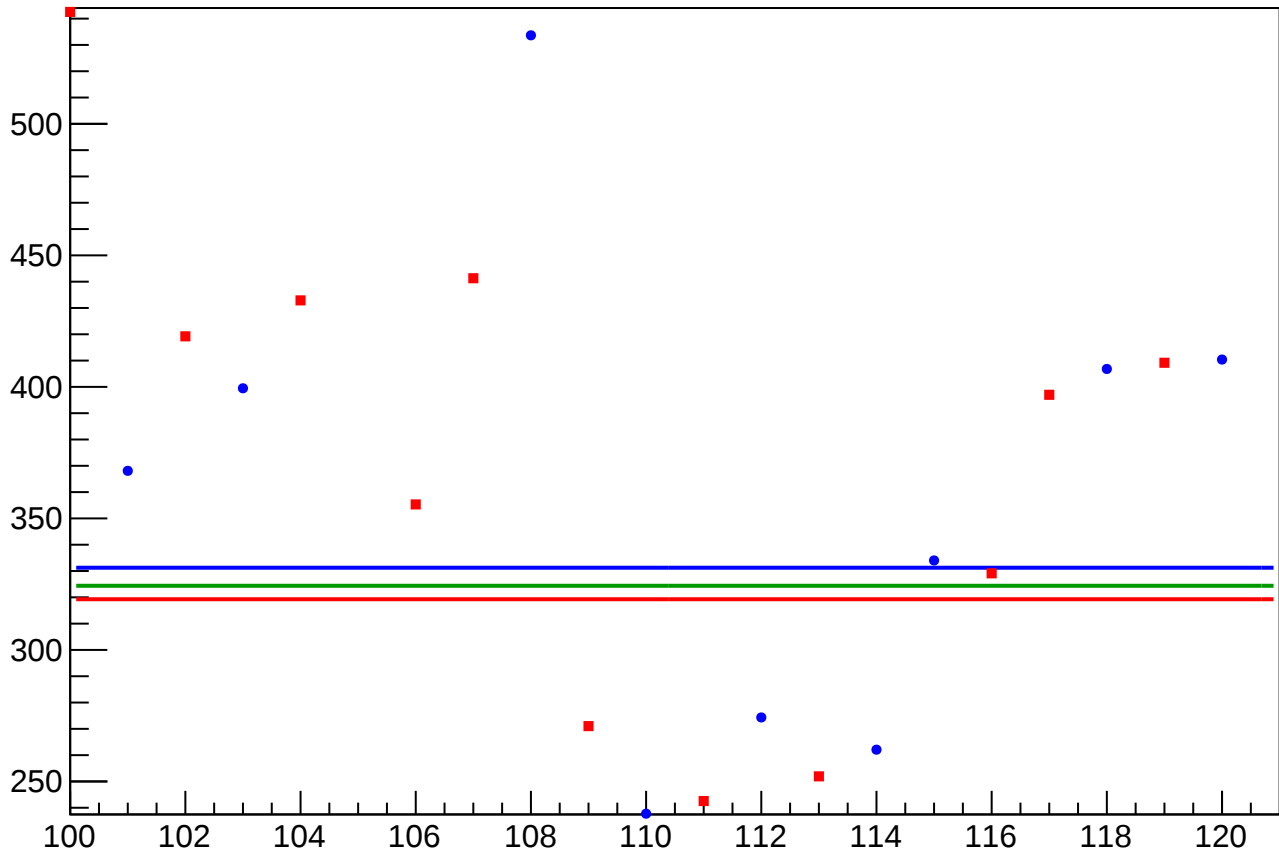
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-216.733+/-184.412 χ^2 /NDF: 46.8/8

-364.640+/-120.507 χ^2 /NDF: 120.6/20

-474.870+/-159.200 χ^2 /NDF: 72.7/11

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 331.254+/-0.130 χ^2/NDF : 374850.0/8

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

Right Out: 319.273+/-0.113 χ^2/NDF : 446507.0/11

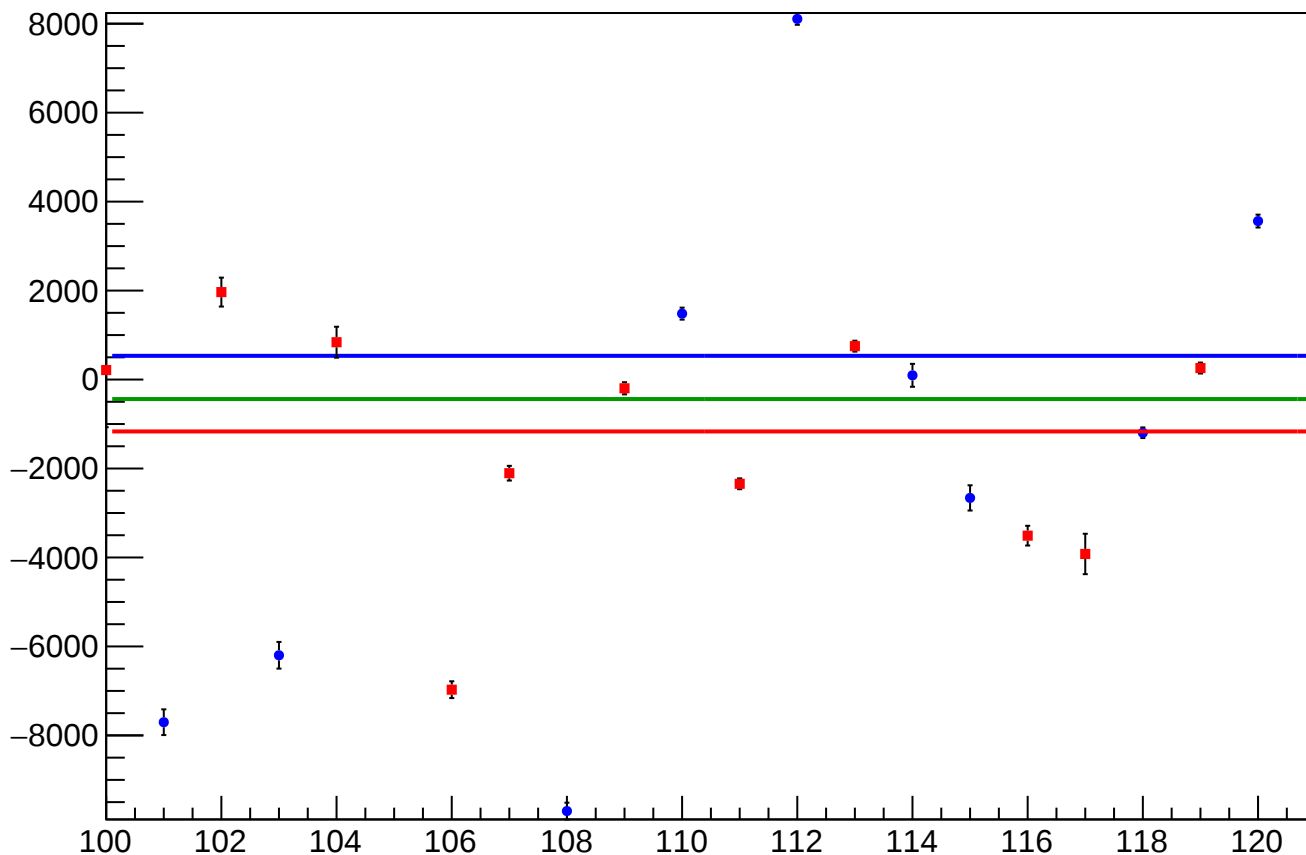
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

331.254+/-0.130 χ^2/NDF : 374850.0/8

324.389+/-0.085 χ^2/NDF : 826193.7/20

319.273+/-0.113 χ^2/NDF : 446507.0/11

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 533.456+/-56.922 χ^2/NDF : 8357.2/8

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

Right Out: -1166.658+/-49.284 χ^2/NDF : 1783.2/11

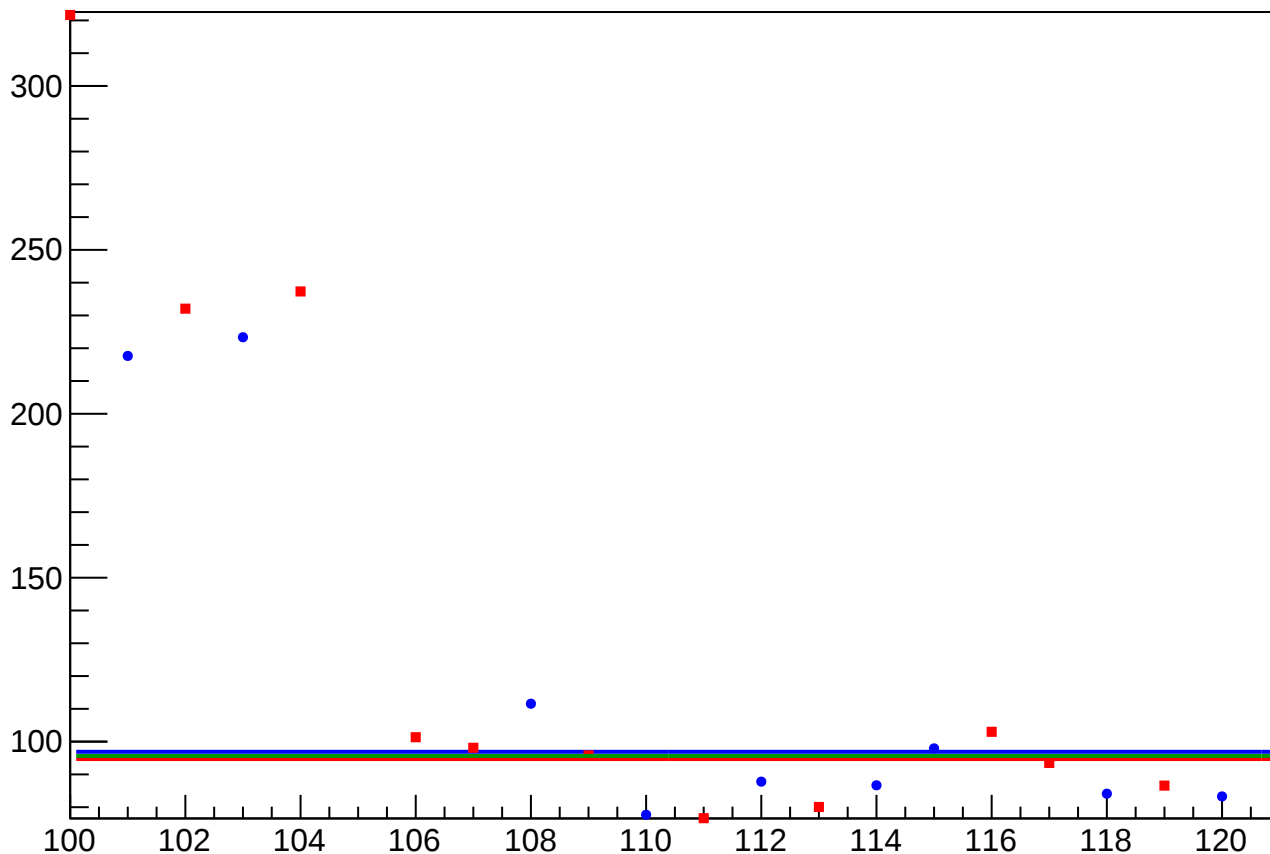
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

533.456+/-56.922 χ^2/NDF : 8357.2/8

-438.230+/-37.259 χ^2/NDF : 10650.3/20

-1166.658+/-49.284 χ^2/NDF : 1783.2/11

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.898+/-0.040 χ^2/NDF : 810942.8/8

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

Right Out: 94.688+/-0.035 χ^2/NDF : 850422.9/11

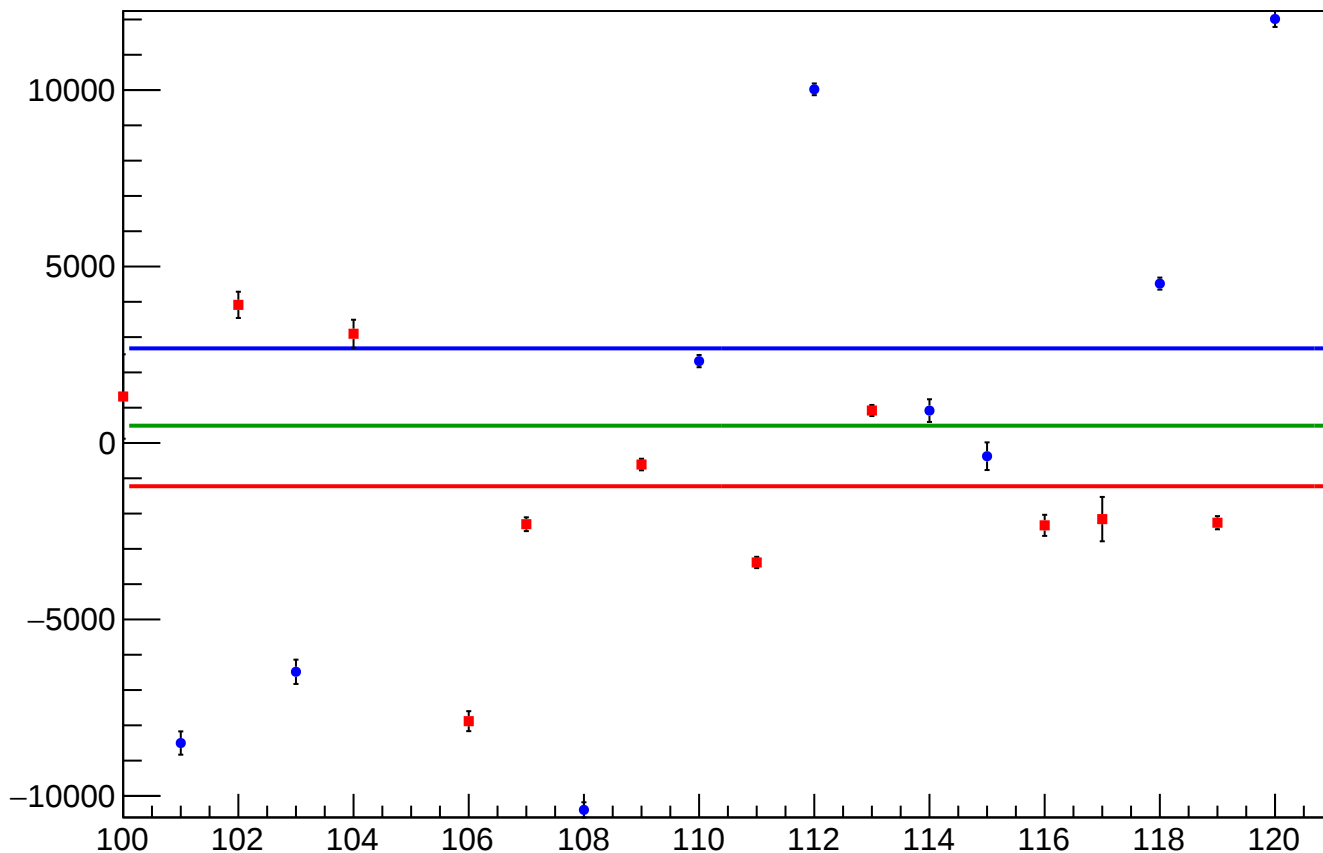
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.898+/-0.040 χ^2/NDF : 810942.8/8

95.635+/-0.026 χ^2/NDF : 1663089.2/20

94.688+/-0.035 χ^2/NDF : 850422.9/11

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2680.681+/-74.821 χ^2/NDF : 9409.8/8

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

Right Out: -1225.475+/-66.226 χ^2/NDF : 1580.4/11

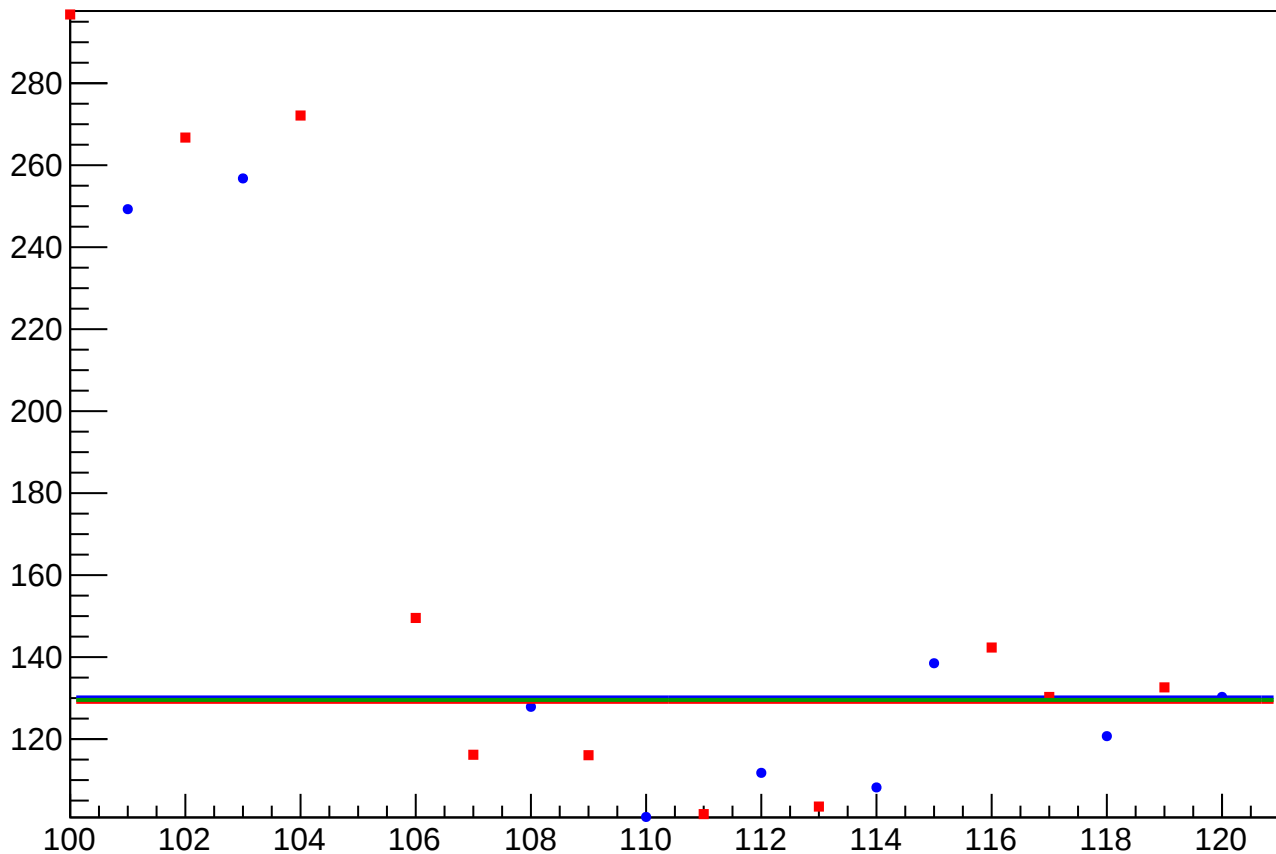
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2680.681+/-74.821 χ^2/NDF : 9409.8/8

490.429+/-49.590 χ^2/NDF : 12518.5/20

-1225.475+/-66.226 χ^2/NDF : 1580.4/11

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 130.160 $\pm$ 0.053 χ^2 /NDF: 628021.4/8

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

Right Out: 129.087 $\pm$ 0.047 χ^2 /NDF: 740355.1/11

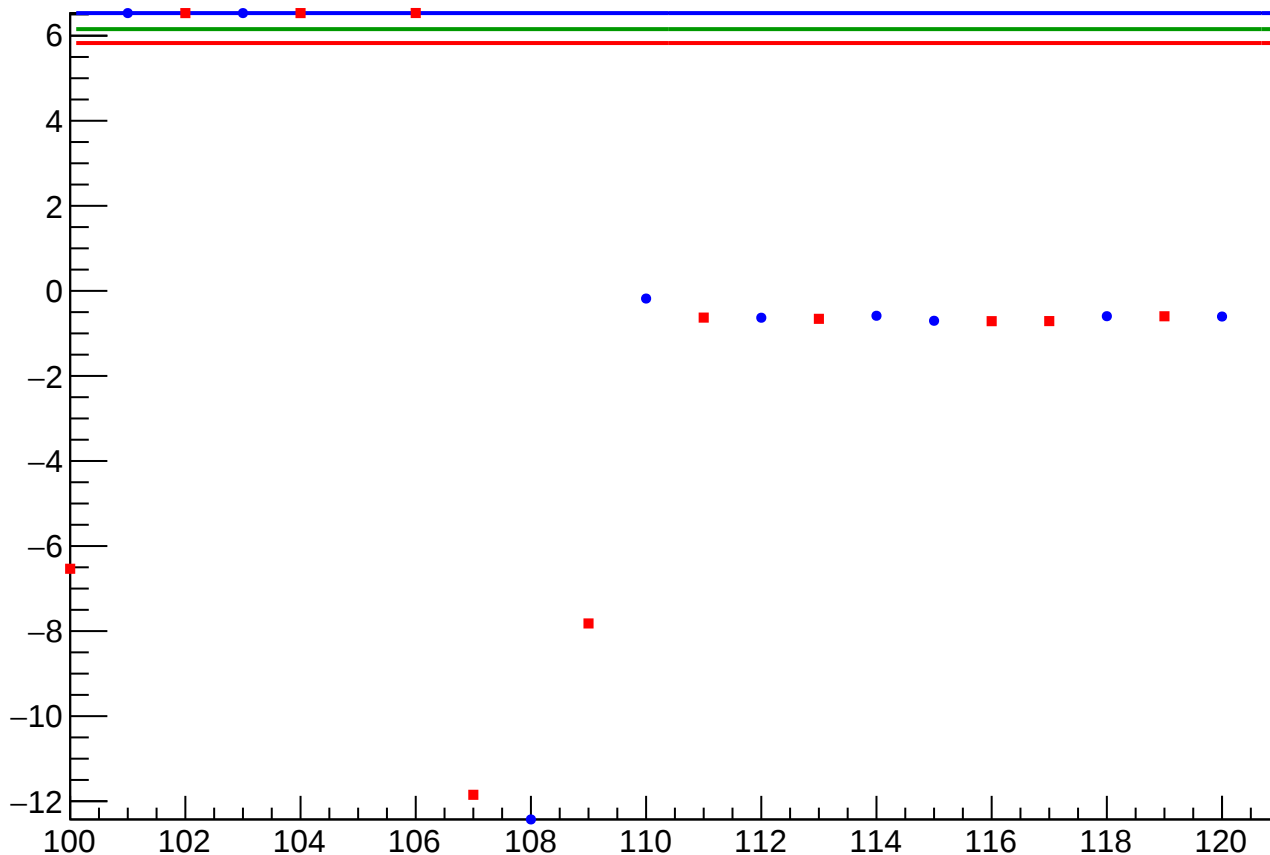
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.160 $\pm$ 0.053 χ^2 /NDF: 628021.4/8

129.559 $\pm$ 0.035 χ^2 /NDF: 1368607.1/20

129.087 $\pm$ 0.047 χ^2 /NDF: 740355.1/11

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 48288608247.0/8

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

Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755897175036468.1/11

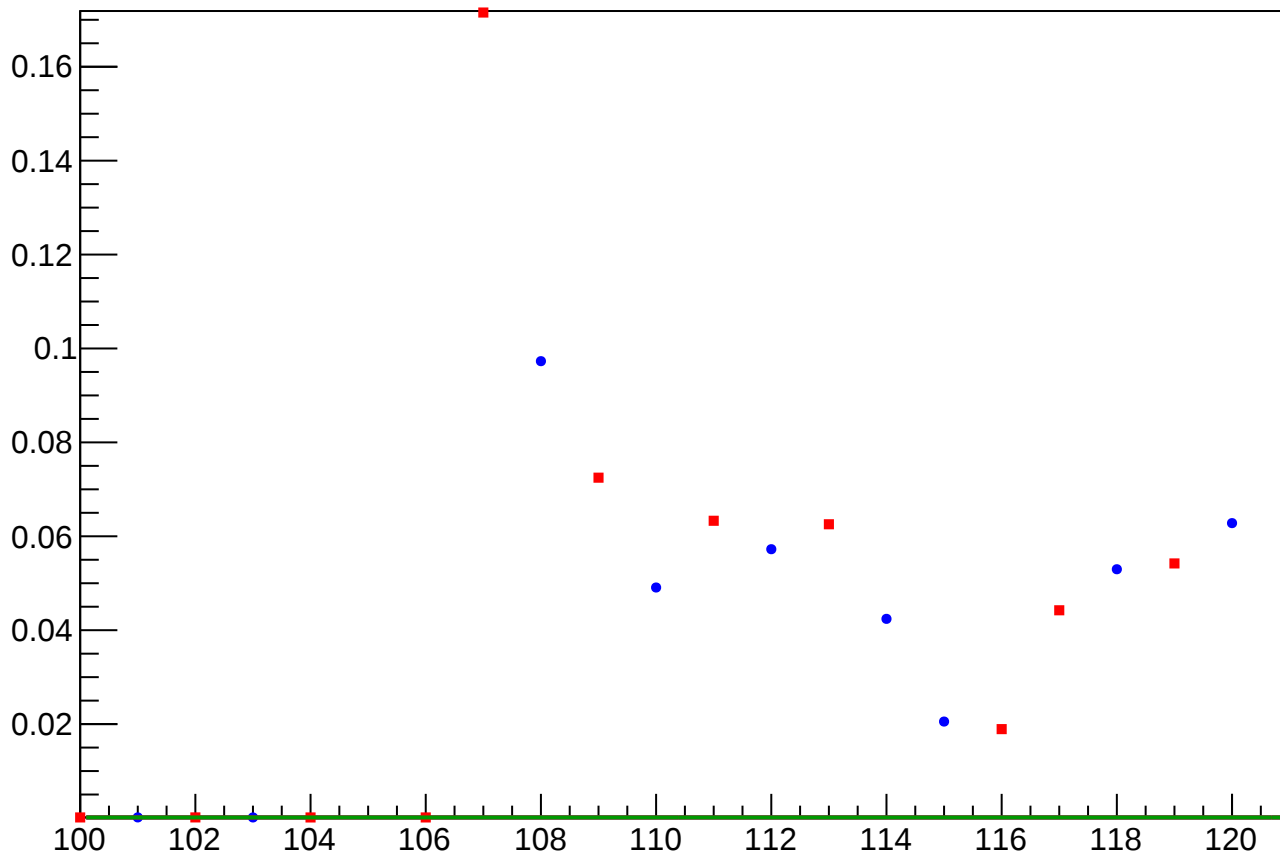
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 48288608247.0/8

6.155 $\pm$ 0.000 χ^2 /NDF: 77595152789268

5.828 $\pm$ 0.000 χ^2 /NDF: 755897175036468.1/11

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3799647.6/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4801553.3/11

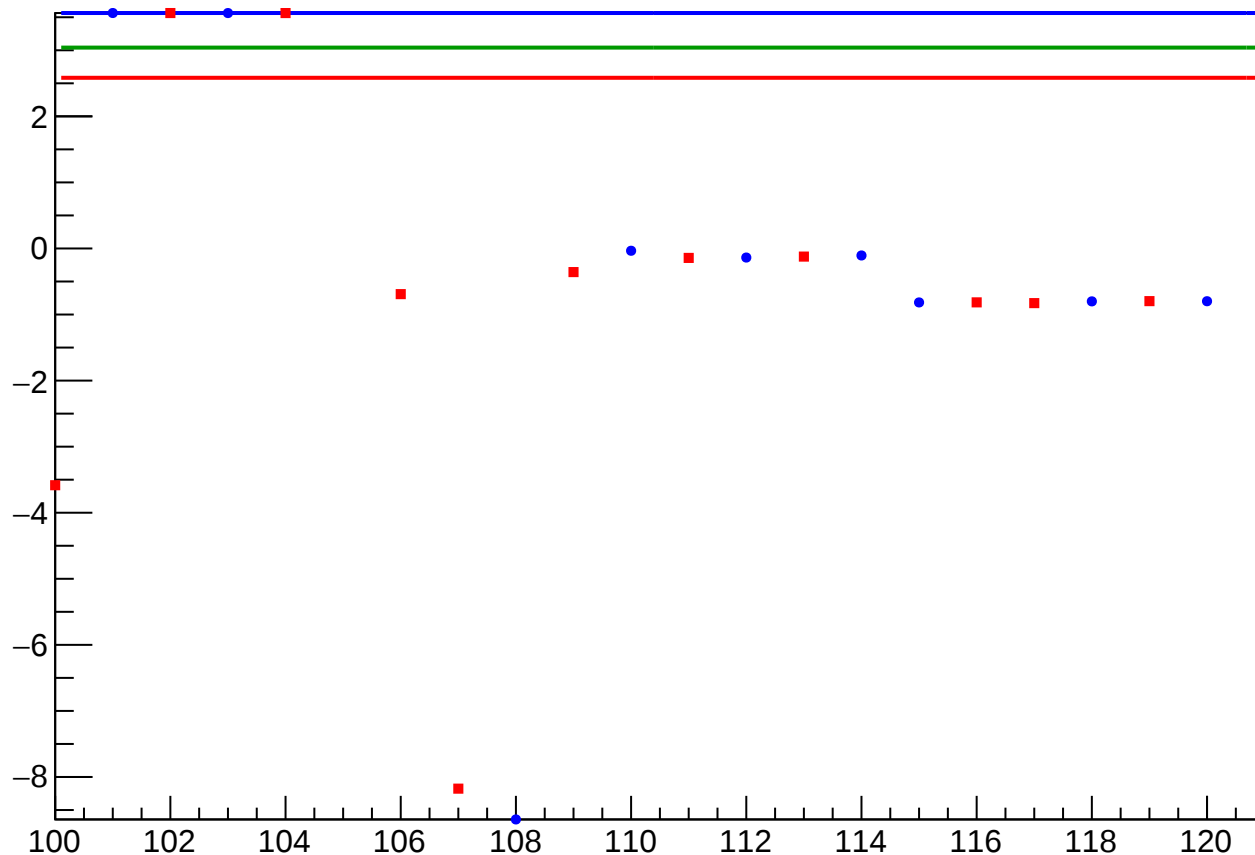
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3799647.6/8

0.000+/-0.000 χ^2/NDF : 8601386.7/20

0.000+/-0.000 χ^2/NDF : 4801553.3/11

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 83435941100.2/8

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253296130256236.5/11

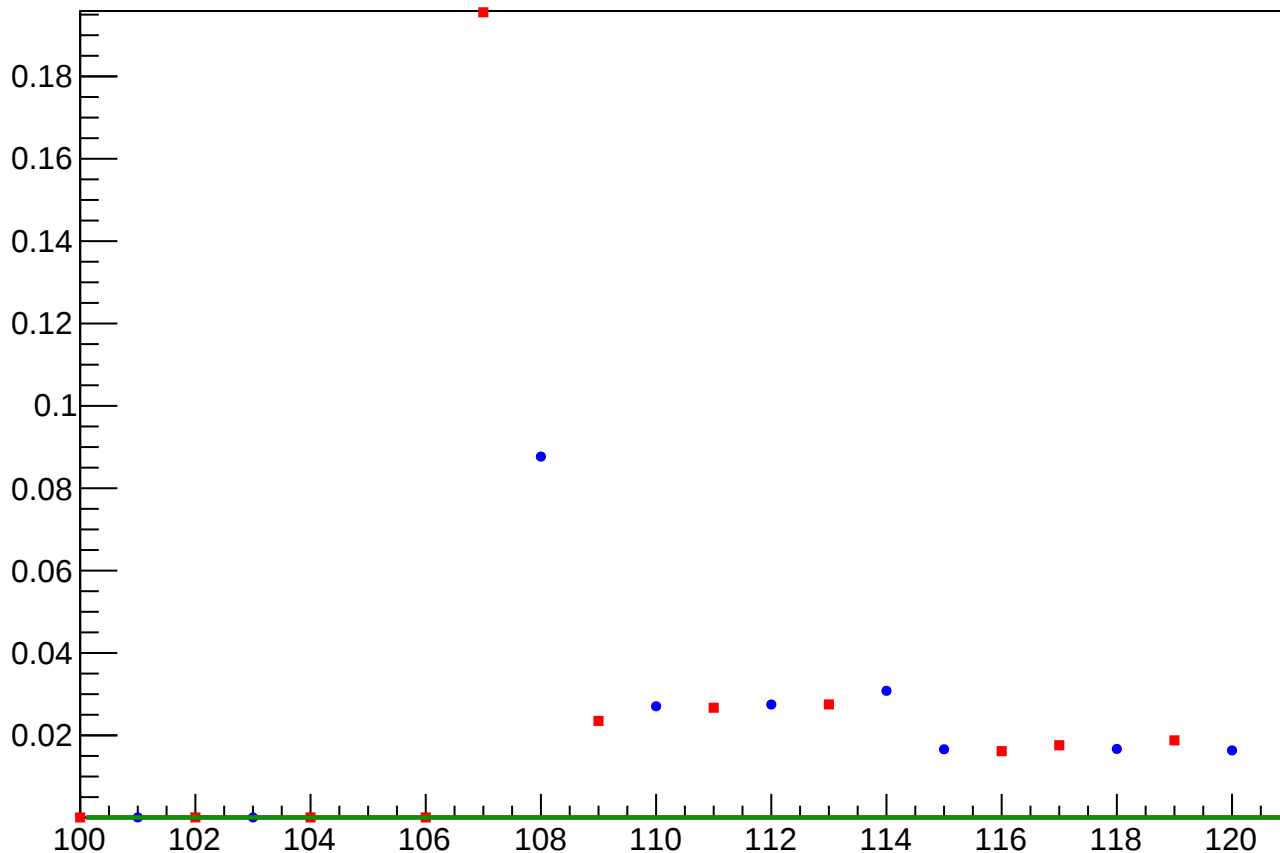
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 83435941100.2/8

3.041+/-0.000 χ^2/NDF : 13816811544819

2.584+/-0.000 χ^2/NDF : 1253296130256236.5/11

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4089537.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4888763.9/11

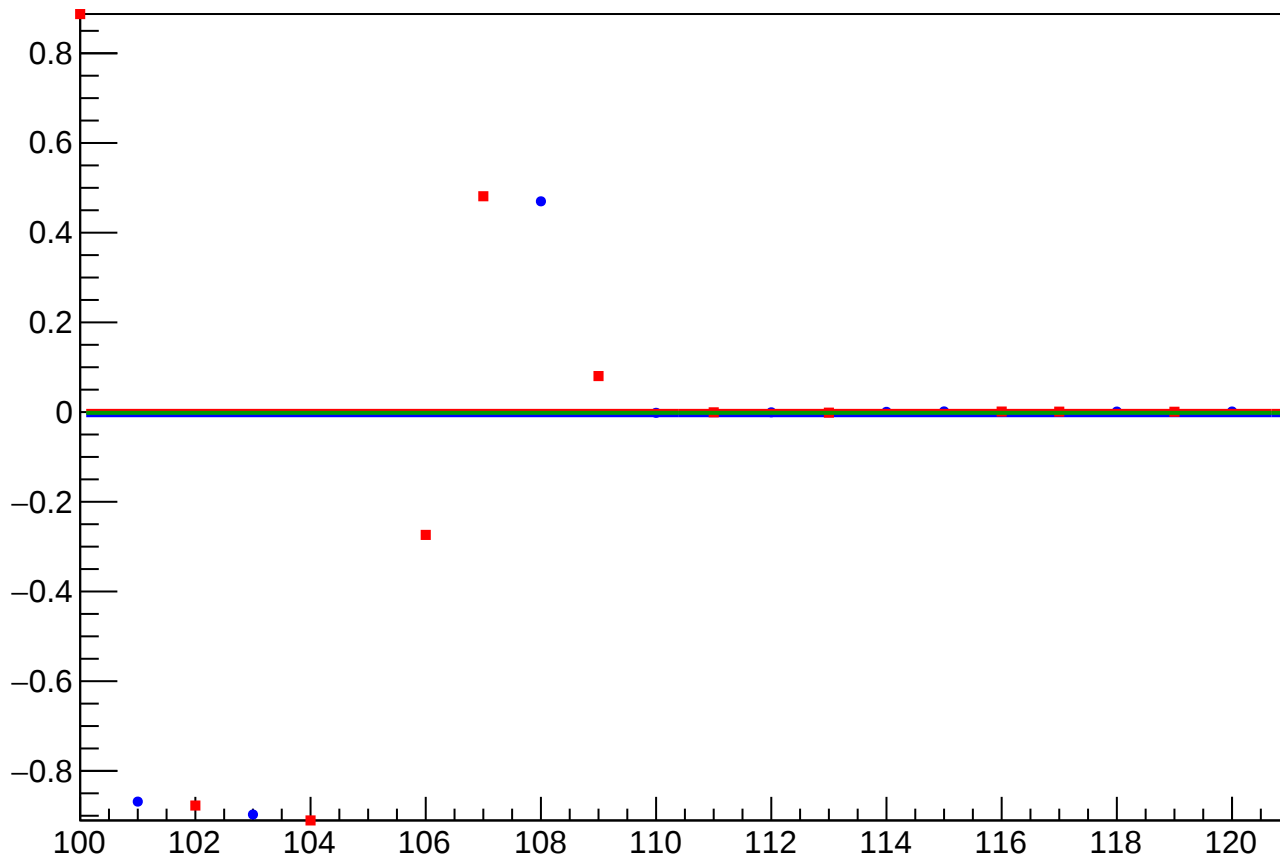
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4089537.9/8

0.000+/-0.000 χ^2/NDF : 8978466.1/20

0.000+/-0.000 χ^2/NDF : 4888763.9/11

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.000 χ^2/NDF : 9773918313.0/8

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

Right Out: 0.003+/-0.000 χ^2/NDF : 3038204108.3/11

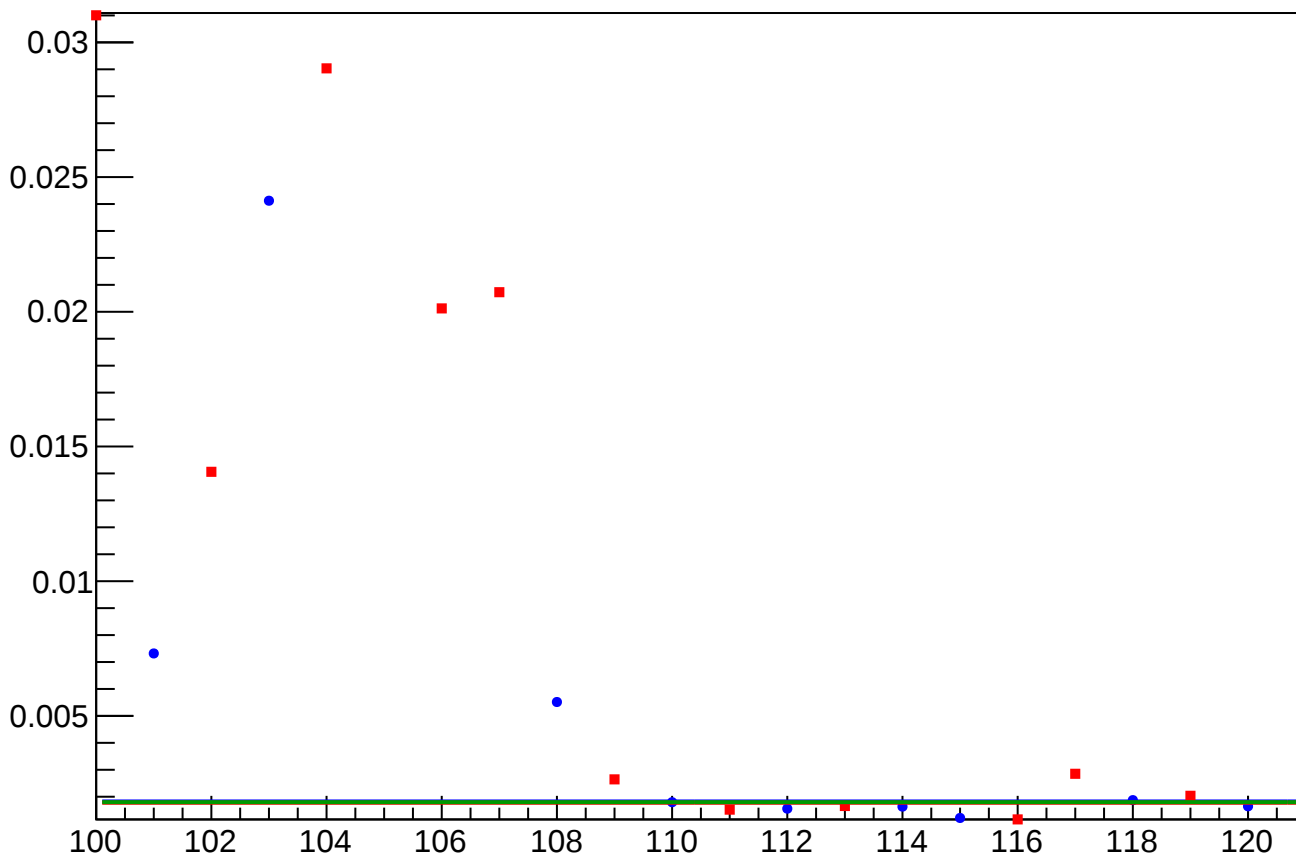
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.007+/-0.000 χ^2/NDF : 9773918313.0/8

-0.002+/-0.000 χ^2/NDF : 12843298560.0/0

0.003+/-0.000 χ^2/NDF : 3038204108.3/11

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1700690.8/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2854401.9/11

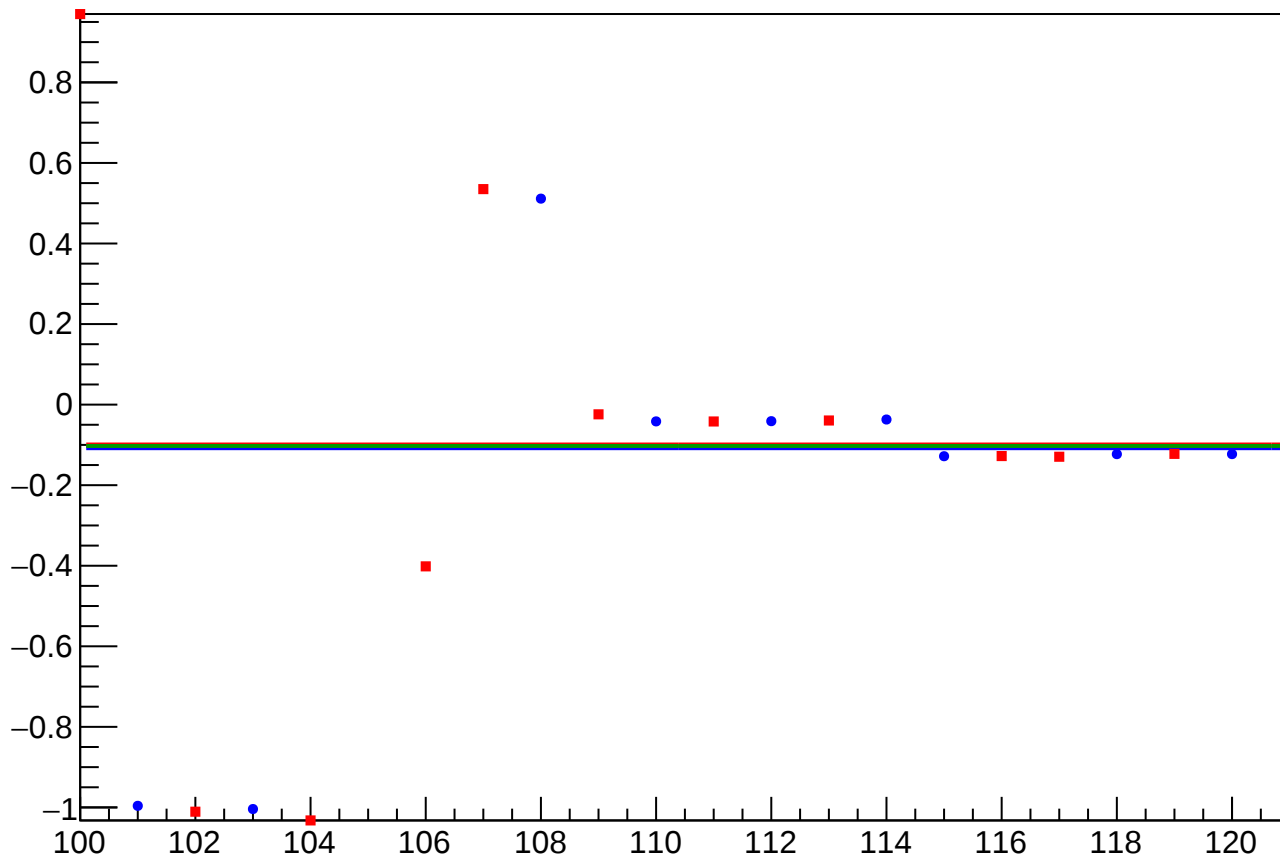
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1700690.8/8

0.002+/-0.000 χ^2/NDF : 4556572.5/20

0.002+/-0.000 χ^2/NDF : 2854401.9/11

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.108+/-0.000 χ^2/NDF : 3851968836.9/8

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

Right Out: -0.099+/-0.000 χ^2/NDF : 2202164695.5/11

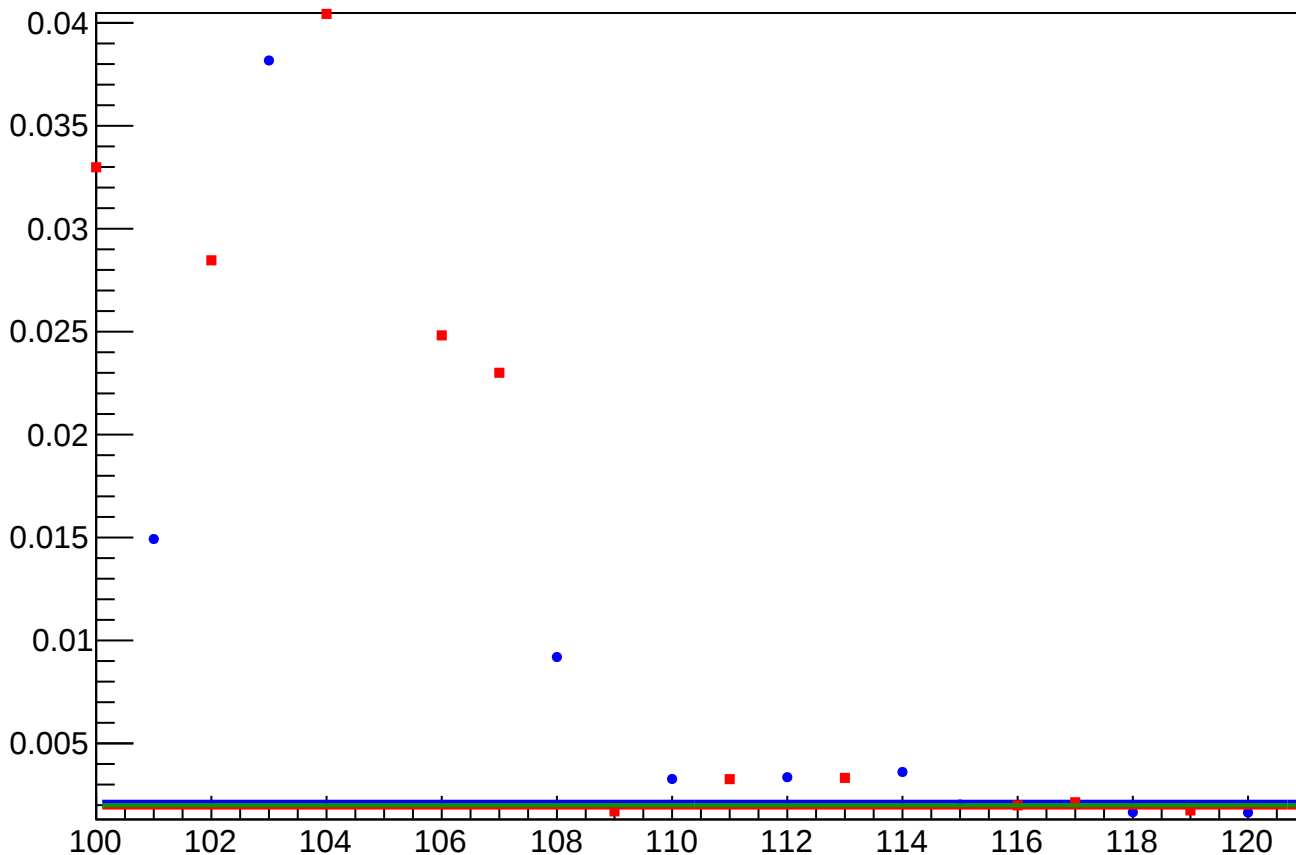
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.108+/-0.000 χ^2/NDF : 3851968836.9/8

-0.103+/-0.000 χ^2/NDF : 6074740608.3/20

-0.099+/-0.000 χ^2/NDF : 2202164695.5/11

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2443671.5/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3245863.9/11

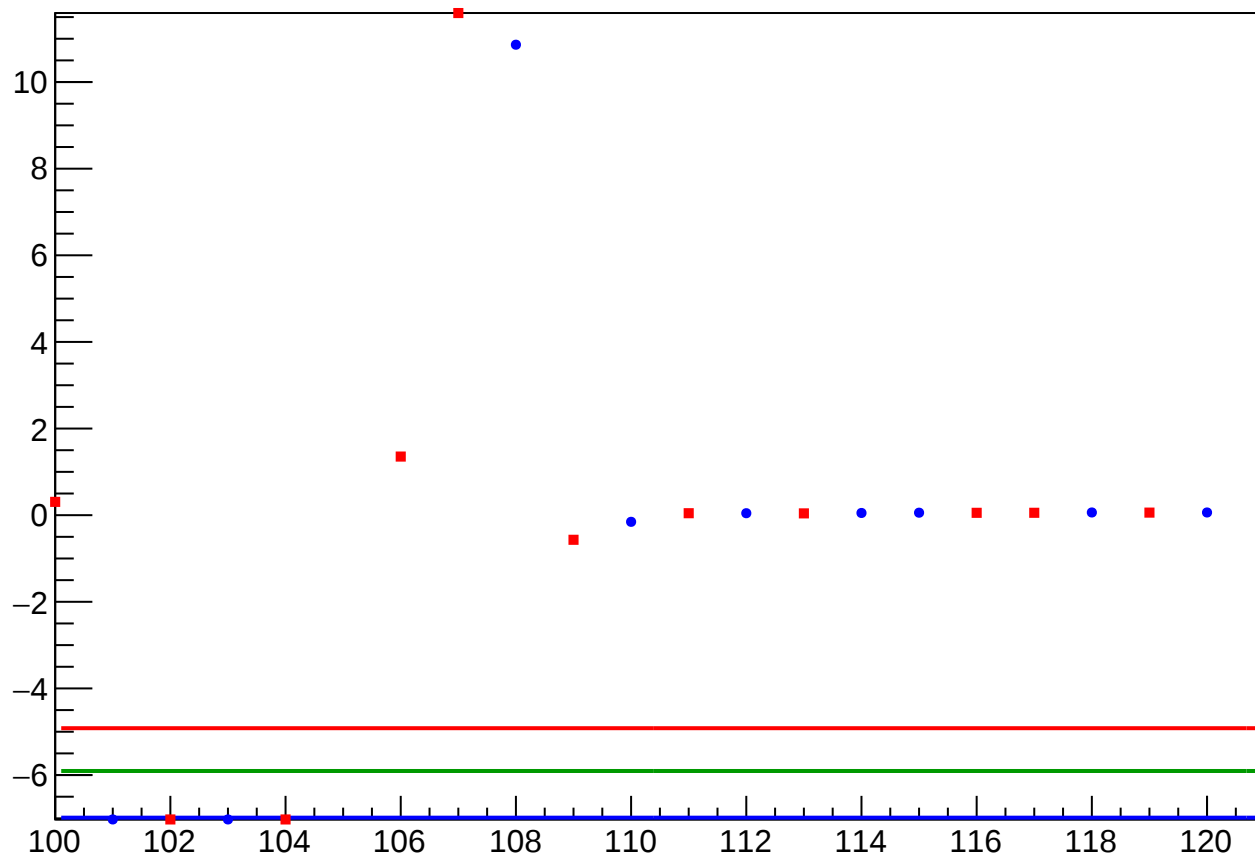
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2443671.5/8

0.002+/-0.000 χ^2/NDF : 5730051.3/20

0.002+/-0.000 χ^2/NDF : 3245863.9/11

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.984+/-0.000 χ^2/NDF : 7131999476513.9/8

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

Right Out: -4.918+/-0.000 χ^2/NDF : 364735897427544.1/11

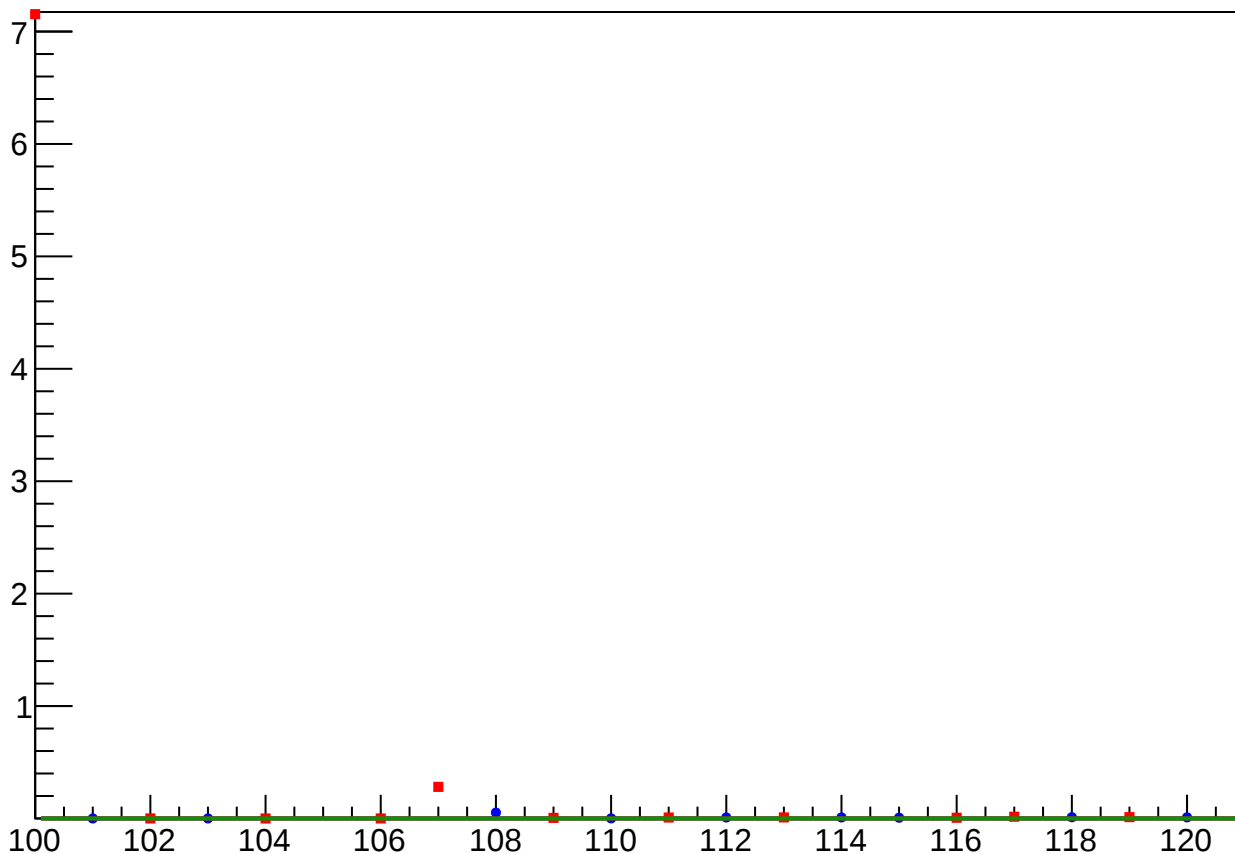
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.984+/-0.000 χ^2/NDF : 7131999476513.9/8

-5.906+/-0.000 χ^2/NDF : 4282529381049

-4.918+/-0.000 χ^2/NDF : 364735897427544.1/11

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3319509.2/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4467912.1/11

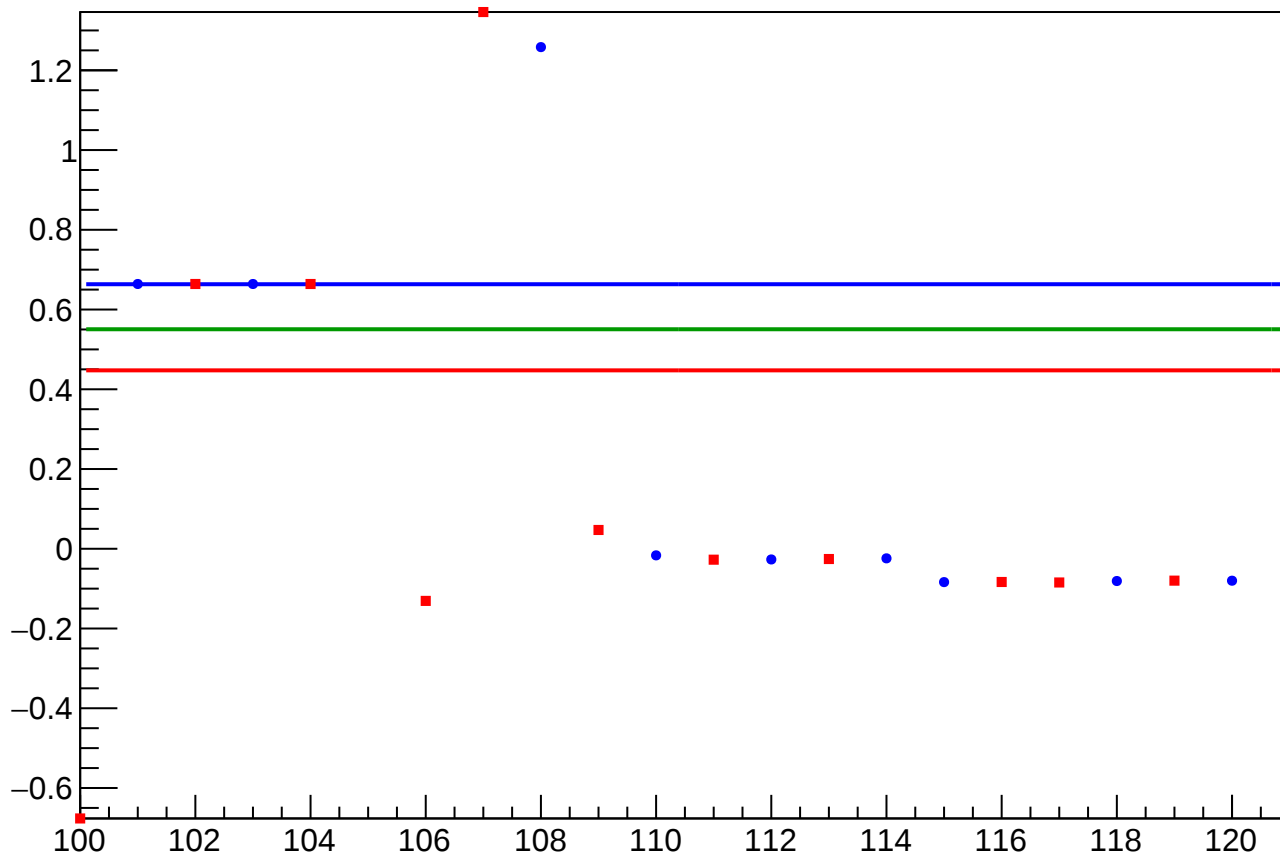
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3319509.2/8

0.000+/-0.000 χ^2/NDF : 7787429.4/20

0.000+/-0.000 χ^2/NDF : 4467912.1/11

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000 χ^2/NDF : 1160906037464.4/8

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403612634408373.9/11

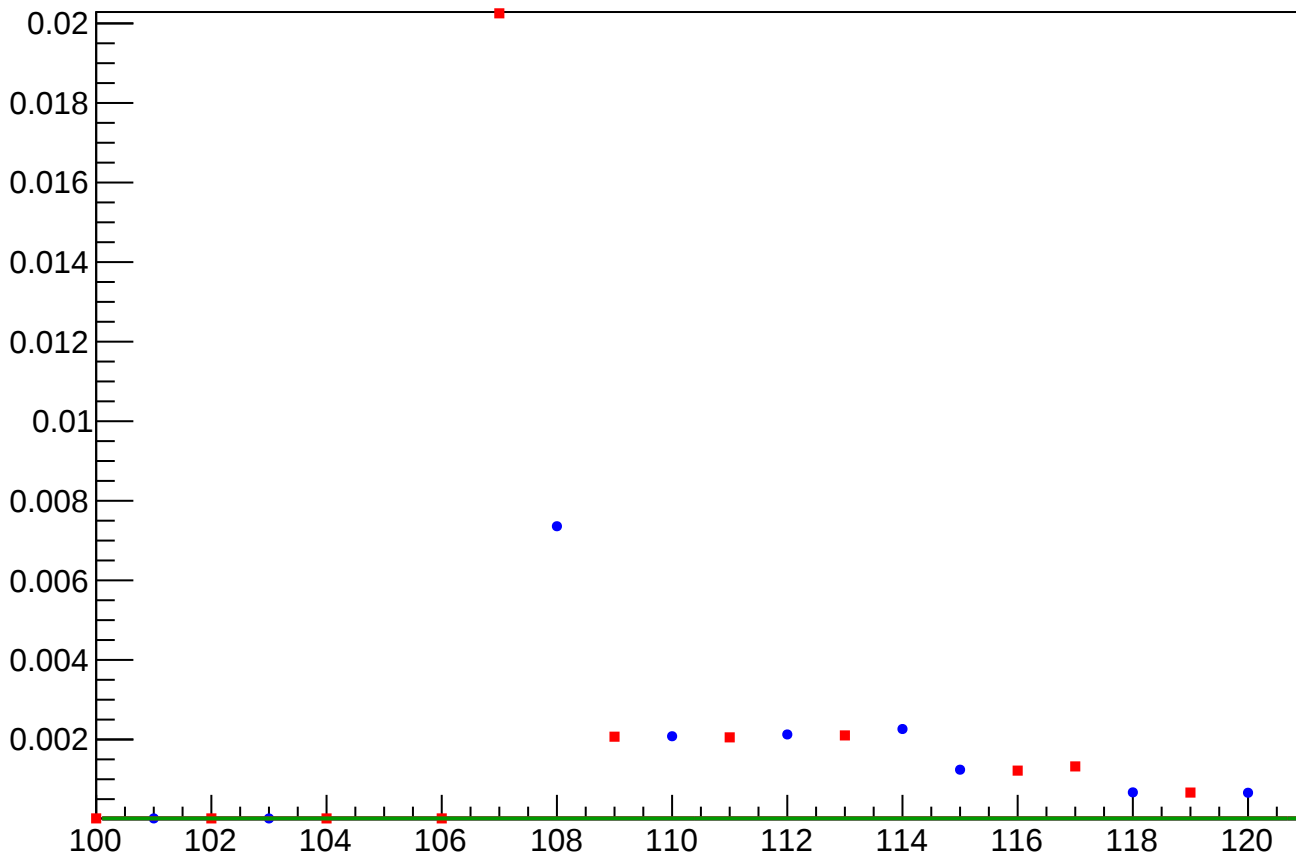
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 1160906037464.4/8

0.551+/-0.000 χ^2/NDF : 46817015997434

0.447+/-0.000 χ^2/NDF : 403612634408373.9/11

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4163163.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4570715.5/11

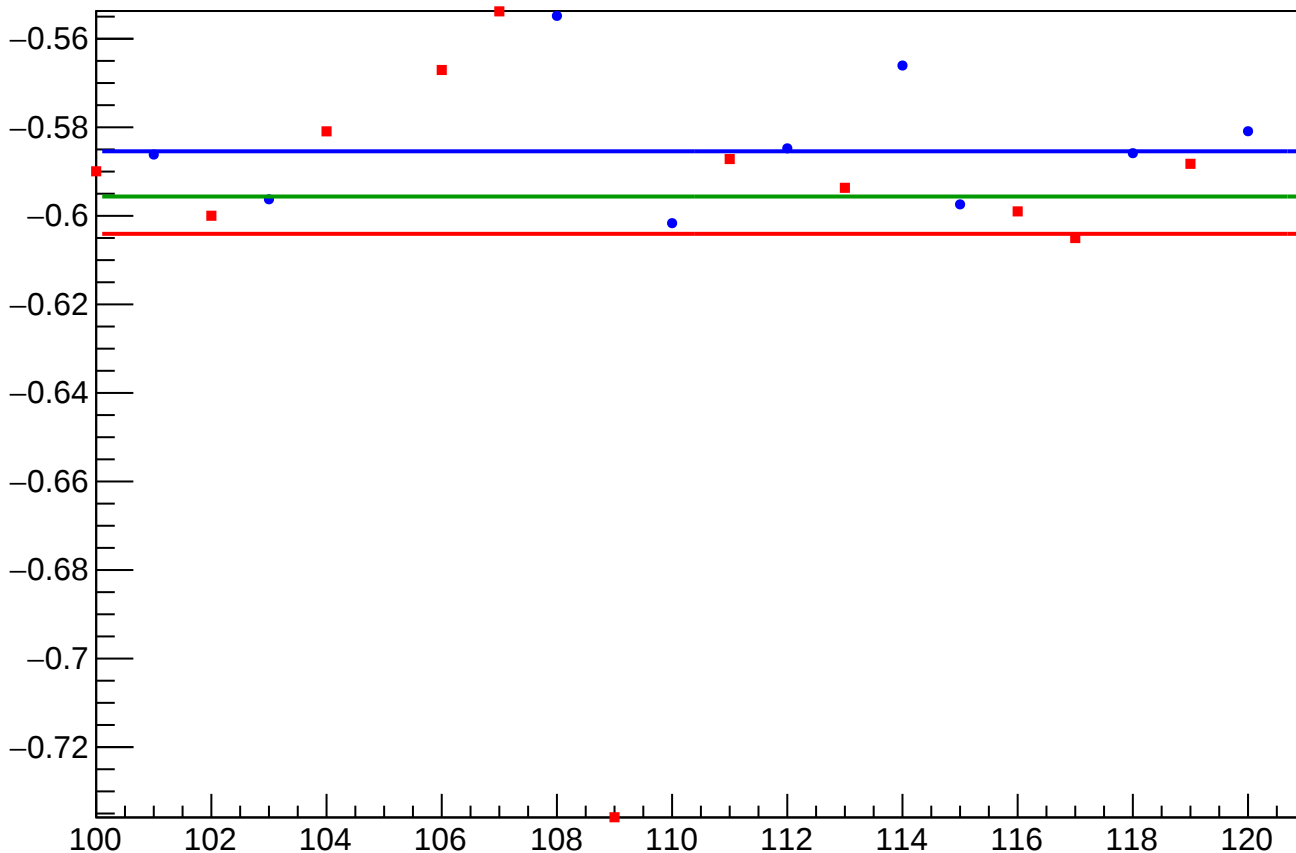
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4163163.0/8

0.000+/-0.000 χ^2/NDF : 8734245.4/20

0.000+/-0.000 χ^2/NDF : 4570715.5/11

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.585+/-0.000 χ^2/NDF : 497168.2/8

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

Right Out: -0.604+/-0.000 χ^2/NDF : 10123390.5/11

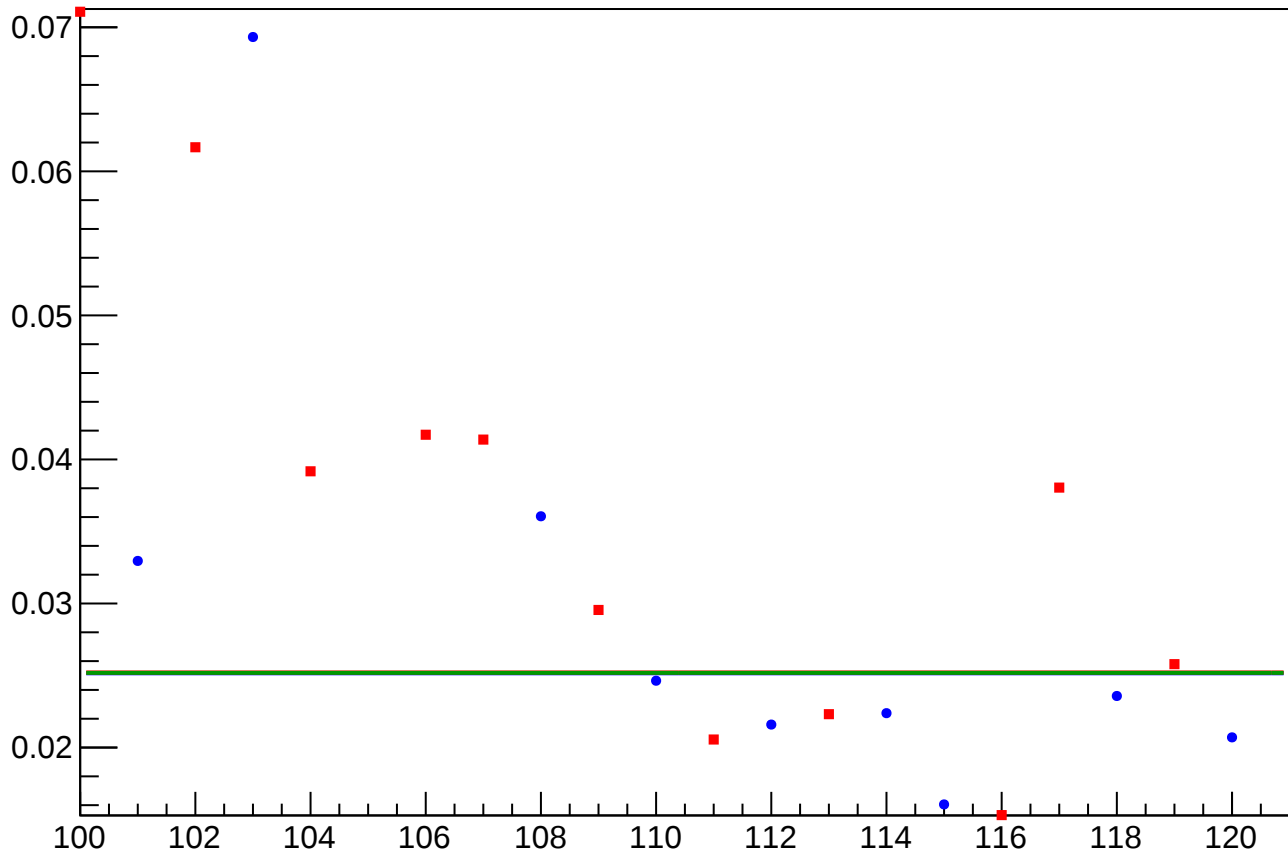
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.585+/-0.000 χ^2/NDF : 497168.2/8

-0.596+/-0.000 χ^2/NDF : 11411979.2/20

-0.604+/-0.000 χ^2/NDF : 10123390.5/11

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 681679.4/8

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

Right Out: 0.025+/-0.000 χ^2/NDF : 912743.9/11

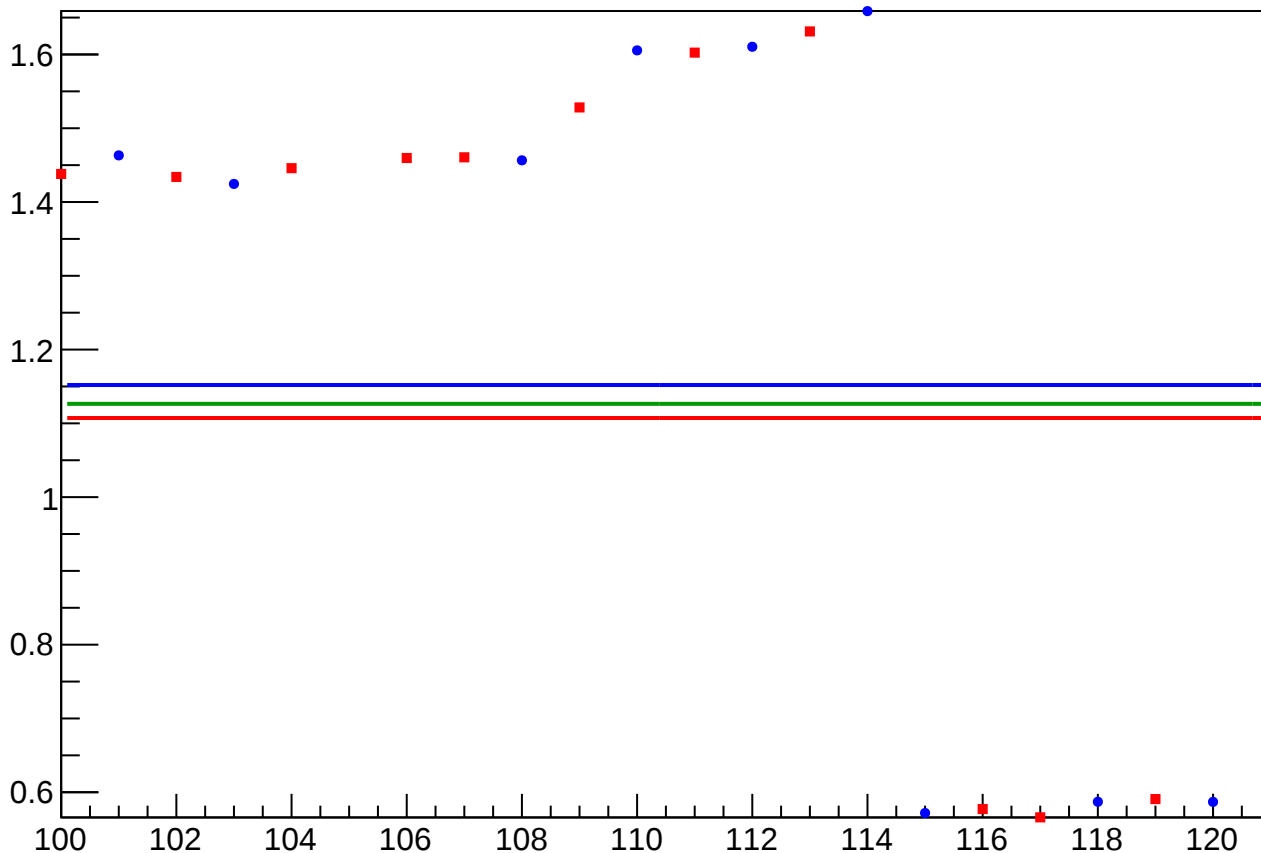
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 681679.4/8

0.025+/-0.000 χ^2/NDF : 1594437.8/20

0.025+/-0.000 χ^2/NDF : 912743.9/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.152+/-0.000 χ^2/NDF : 1688624976.6/8

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

Right Out: 1.107+/-0.000 χ^2/NDF : 2424419775.5/11

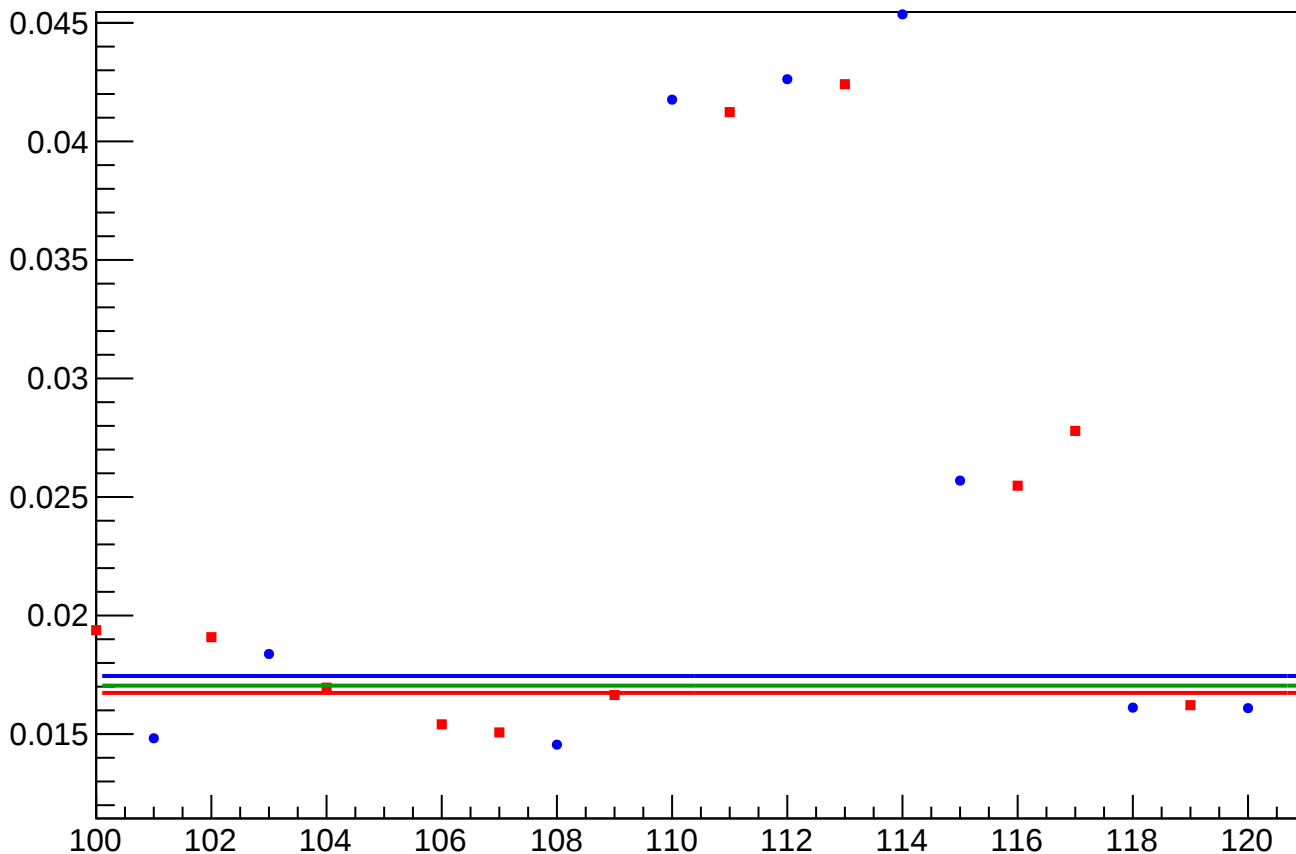
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.152+/-0.000 χ^2/NDF : 1688624976.6/8

1.126+/-0.000 χ^2/NDF : 4123896551.0/20

1.107+/-0.000 χ^2/NDF : 2424419775.5/11

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 711299.0/8

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

Right Out: 0.017+/-0.000 χ^2/NDF : 860997.2/11

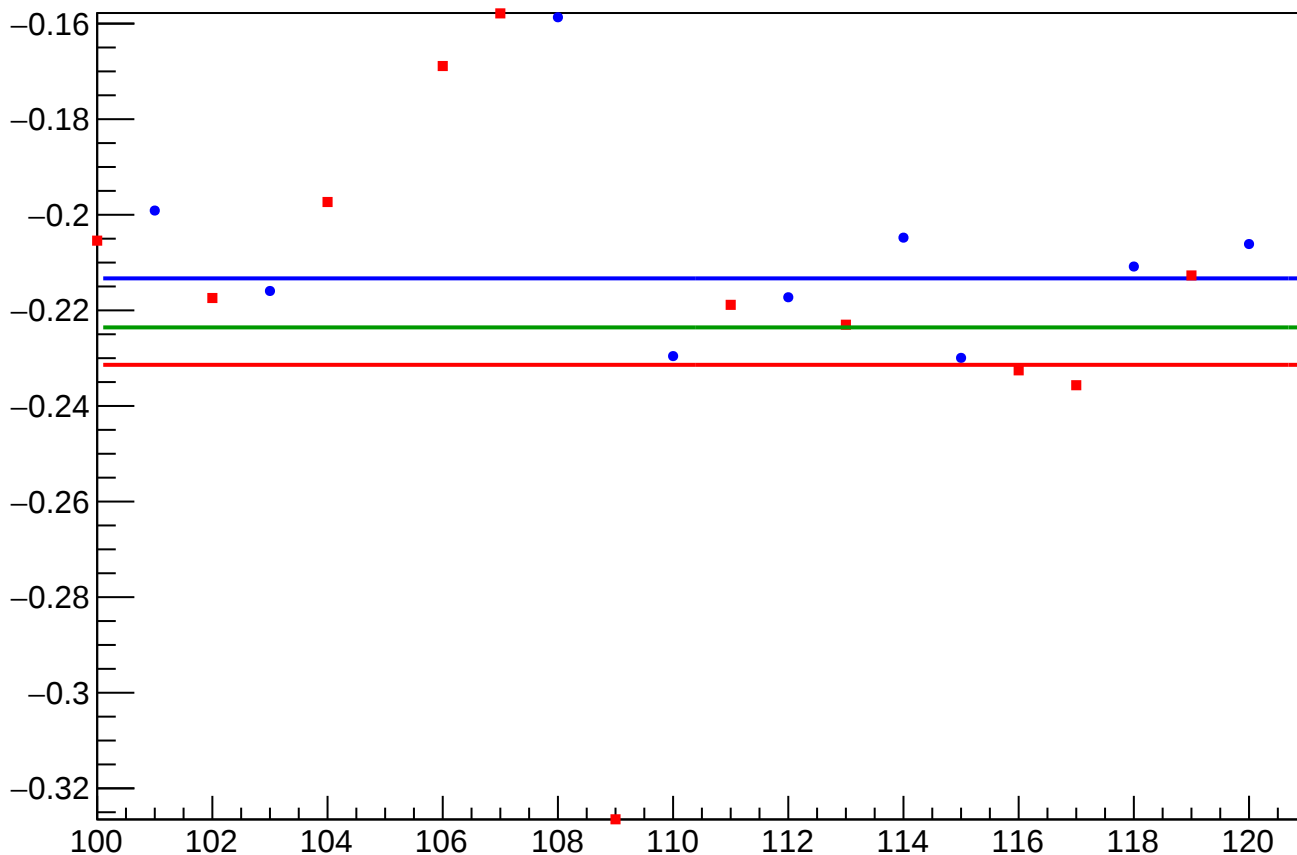
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 711299.0/8

0.017+/-0.000 χ^2/NDF : 1577816.0/20

0.017+/-0.000 χ^2/NDF : 860997.2/11

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.213+/-0.000 χ^2/NDF : 1263744.5/8

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

Right Out: -0.231+/-0.000 χ^2/NDF : 11118502.2/11

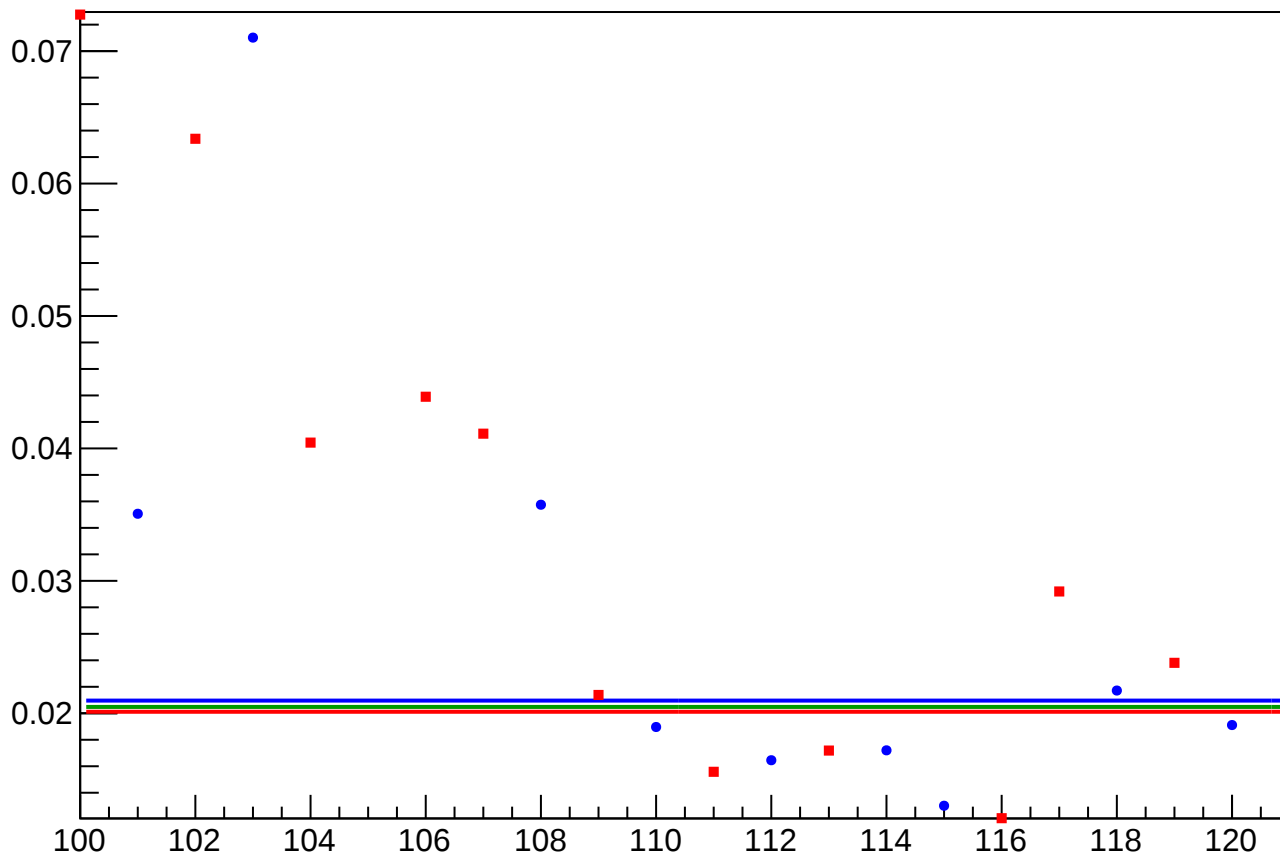
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.213+/-0.000 χ^2/NDF : 1263744.5/8

-0.224+/-0.000 χ^2/NDF : 13437231.7/20

-0.231+/-0.000 χ^2/NDF : 11118502.2/11

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 977589.2/8

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1298413.2/11

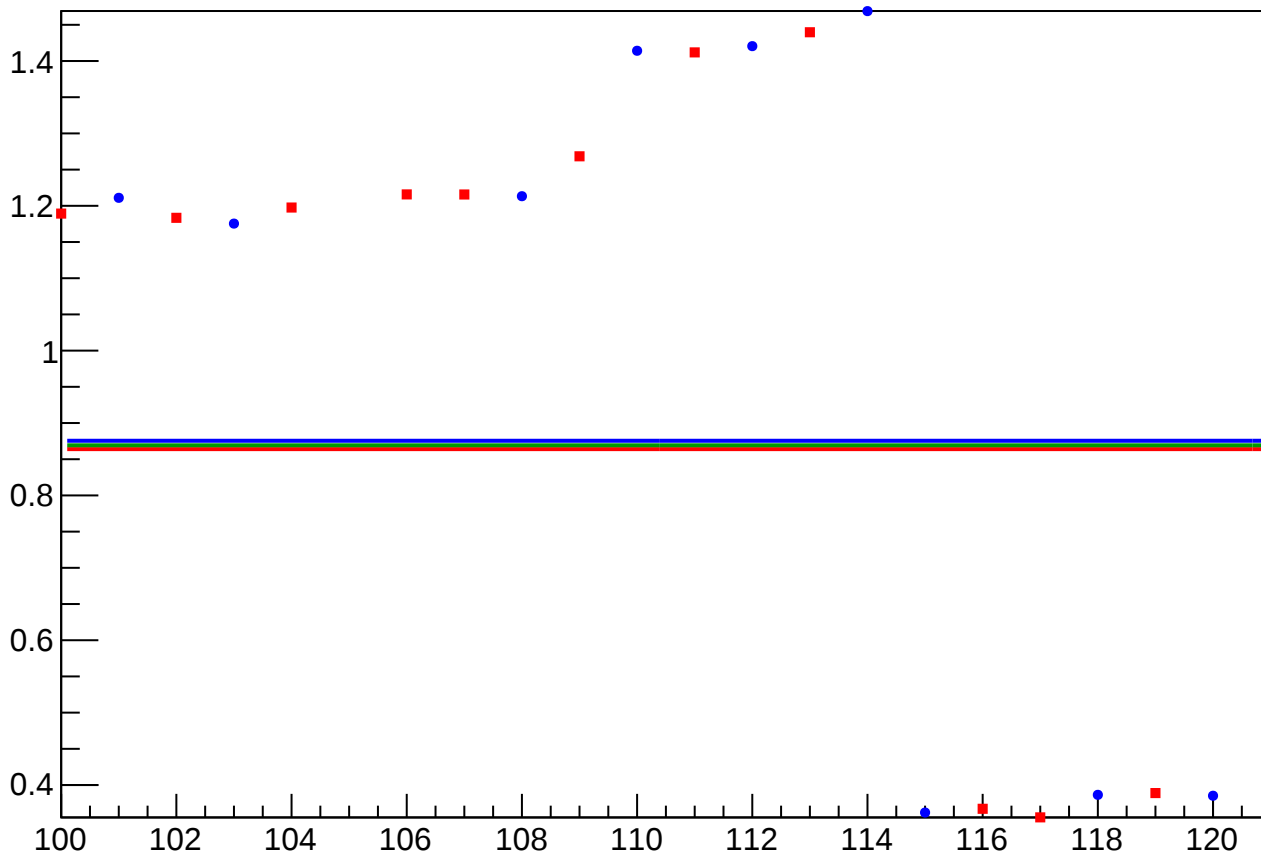
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 977589.2/8

0.020+/-0.000 χ^2/NDF : 2280591.4/20

0.020+/-0.000 χ^2/NDF : 1298413.2/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.875+/-0.000 χ^2/NDF : 2568132430.2/8

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

Right Out: 0.864+/-0.000 χ^2/NDF : 3130882705.8/11

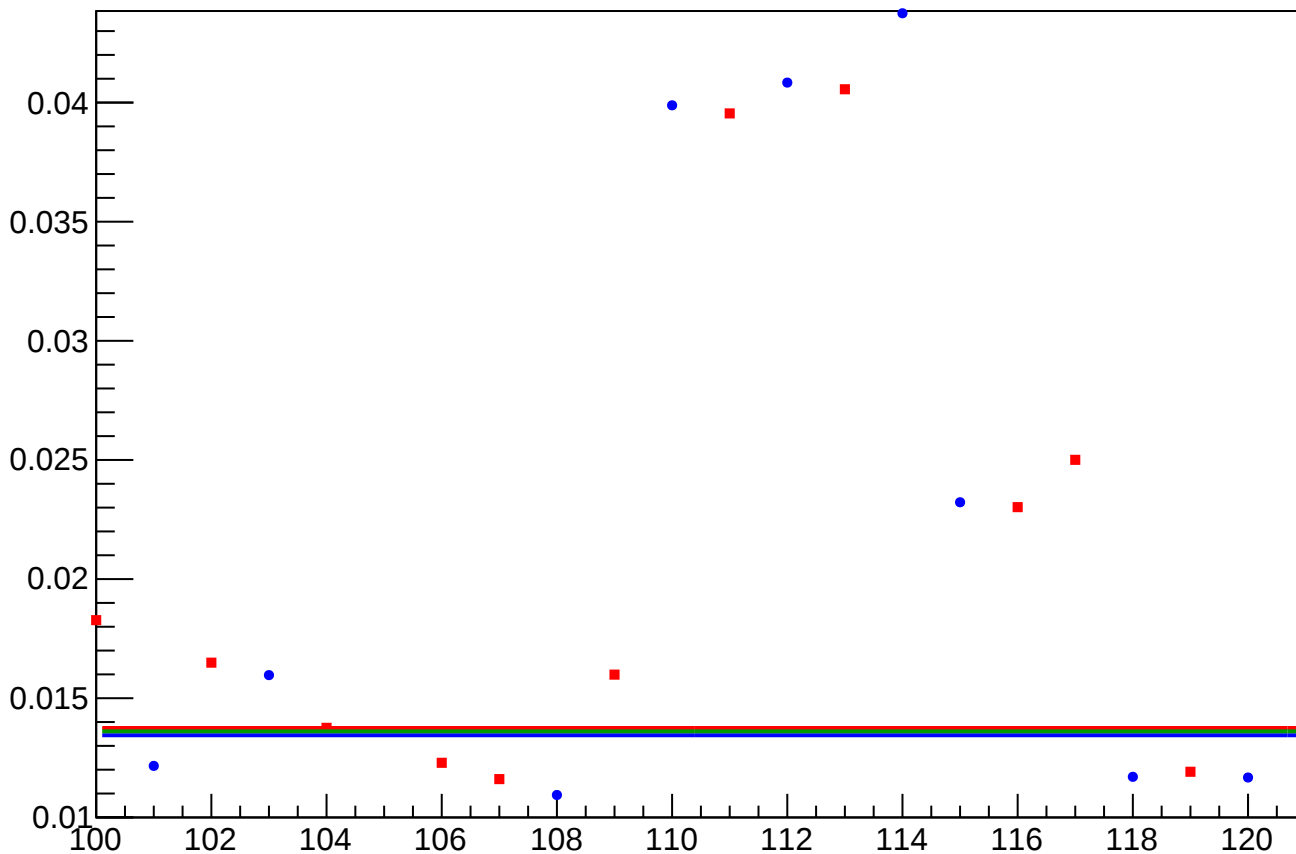
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.875+/-0.000 χ^2/NDF : 2568132430.2/8

0.869+/-0.000 χ^2/NDF : 5700117488.5/20

0.864+/-0.000 χ^2/NDF : 3130882705.8/11

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 936727.5/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1017467.6/11

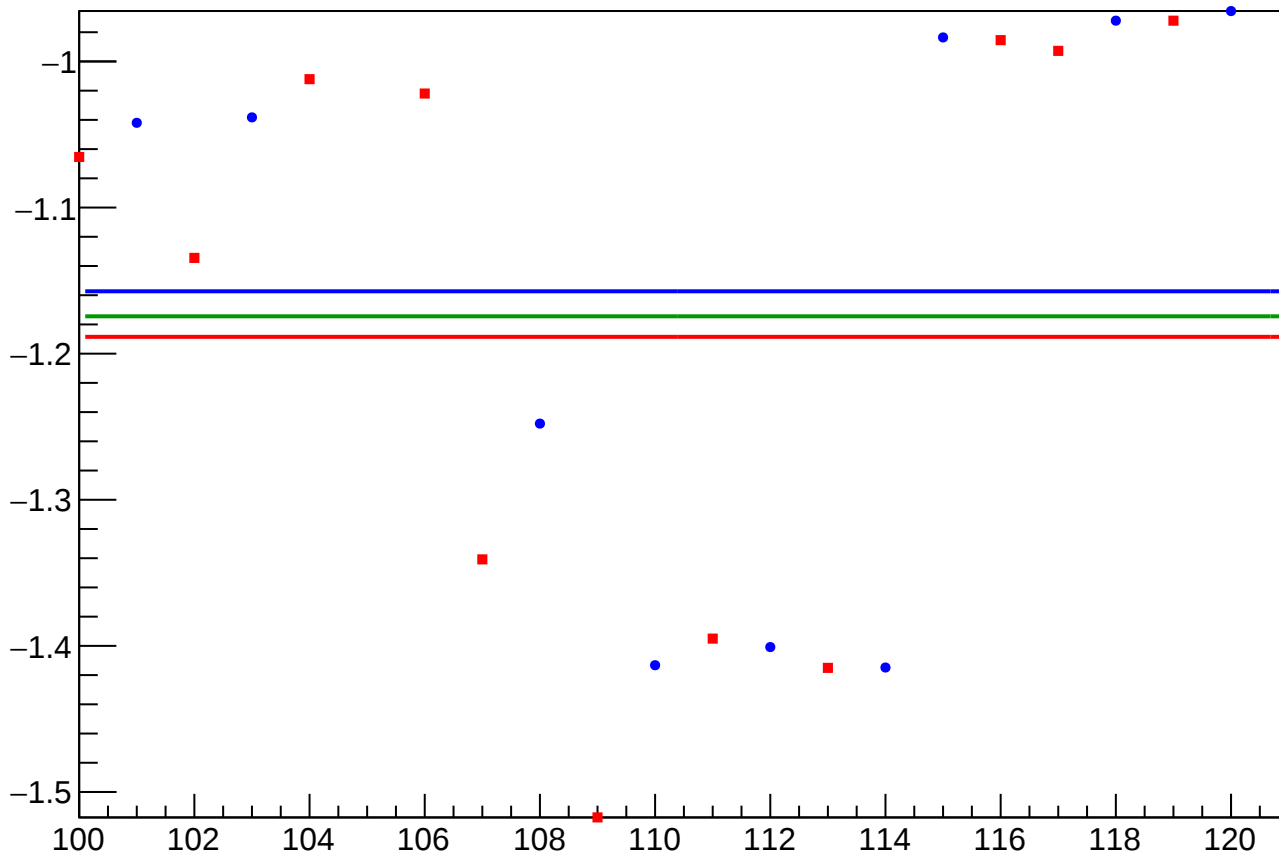
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 936727.5/8

0.014+/-0.000 χ^2/NDF : 1955733.7/20

0.014+/-0.000 χ^2/NDF : 1017467.6/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.157+/-0.000 χ^2/NDF : 172229473.2/8

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

Right Out: -1.188+/-0.000 χ^2/NDF : 250147432.3/11

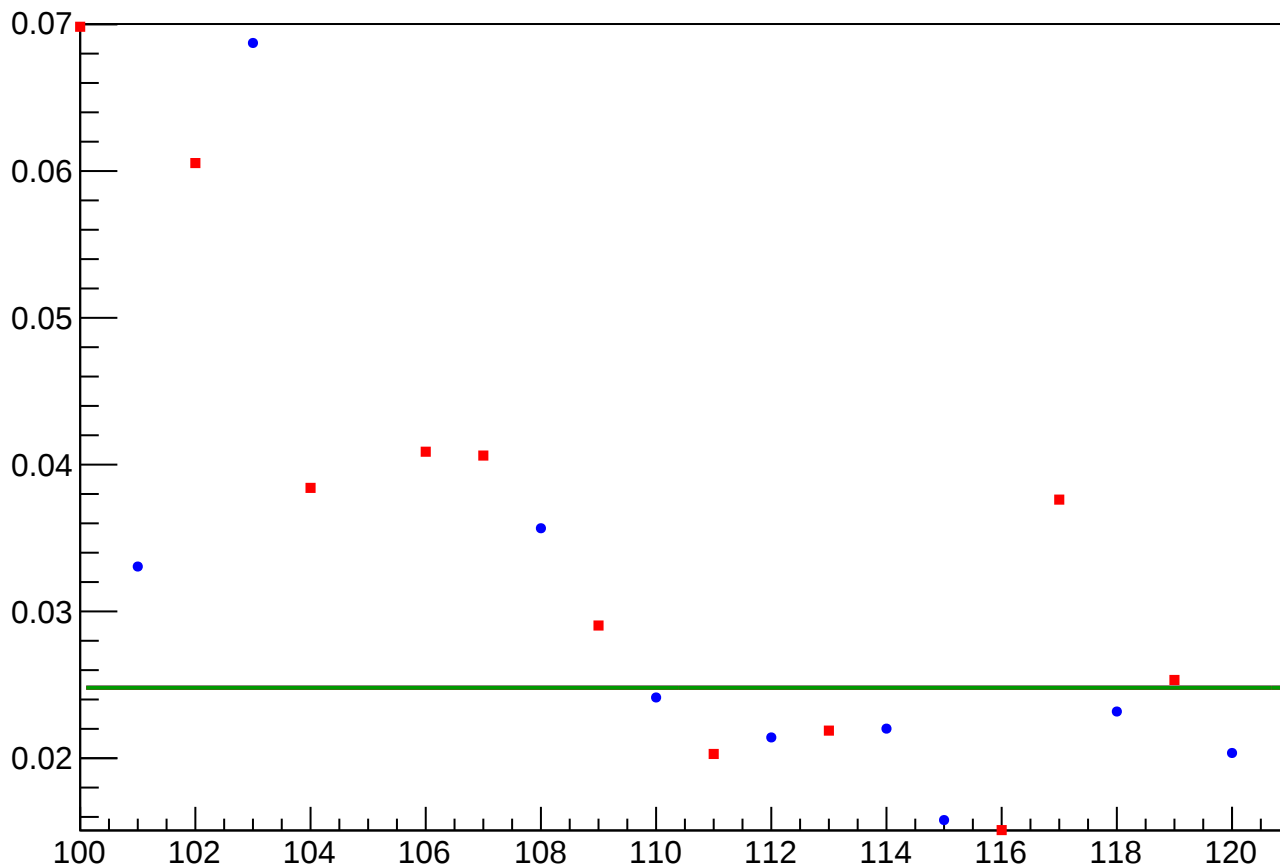
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.157+/-0.000 χ^2/NDF : 172229473.2/8

-1.174+/-0.000 χ^2/NDF : 424651355.8/20

-1.188+/-0.000 χ^2/NDF : 250147432.3/11

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 690592.6/8

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

Right Out: 0.025+/-0.000 χ^2/NDF : 905918.3/11

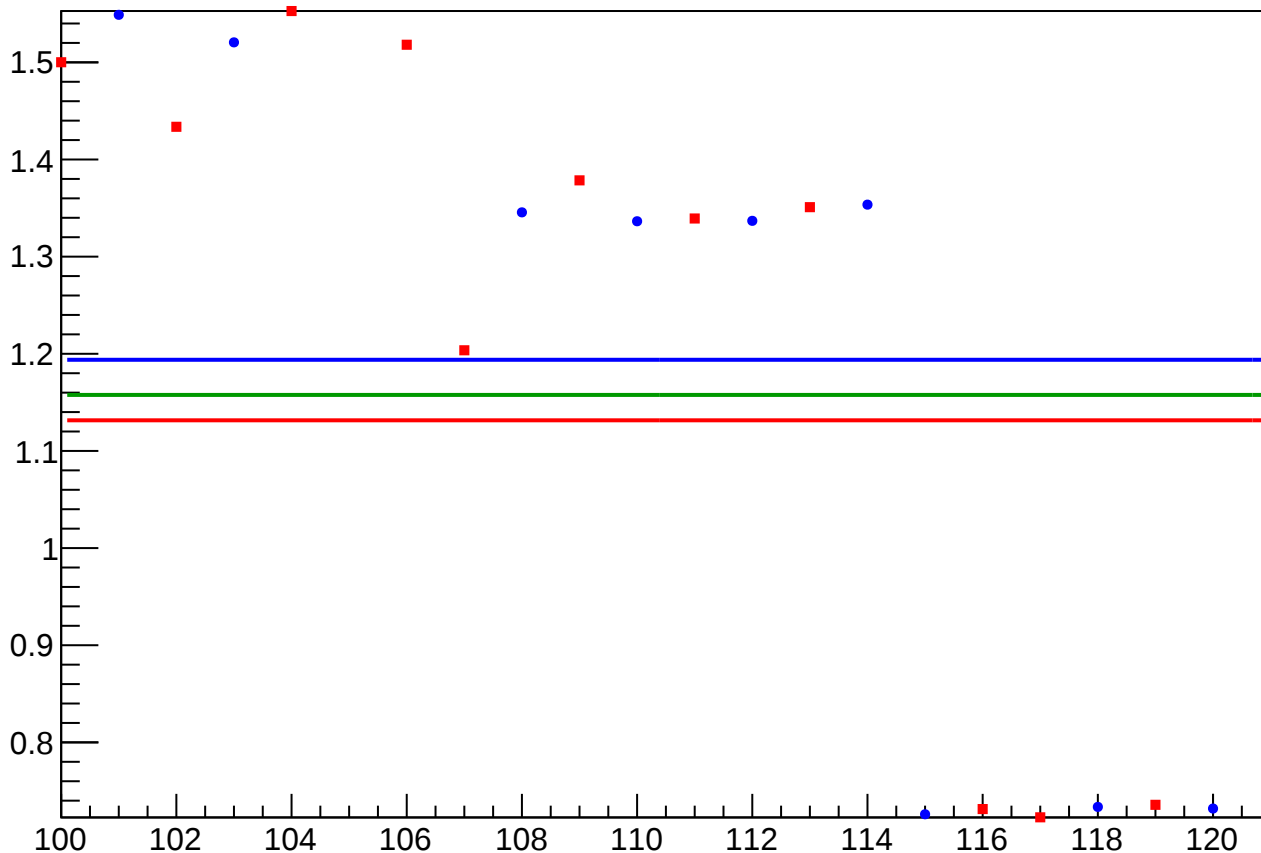
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 690592.6/8

0.025+/-0.000 χ^2/NDF : 1596510.9/20

0.025+/-0.000 χ^2/NDF : 905918.3/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.194+/-0.000 χ^2/NDF : 1176482999.4/8

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

Right Out: 1.132+/-0.000 χ^2/NDF : 1493603533.9/11

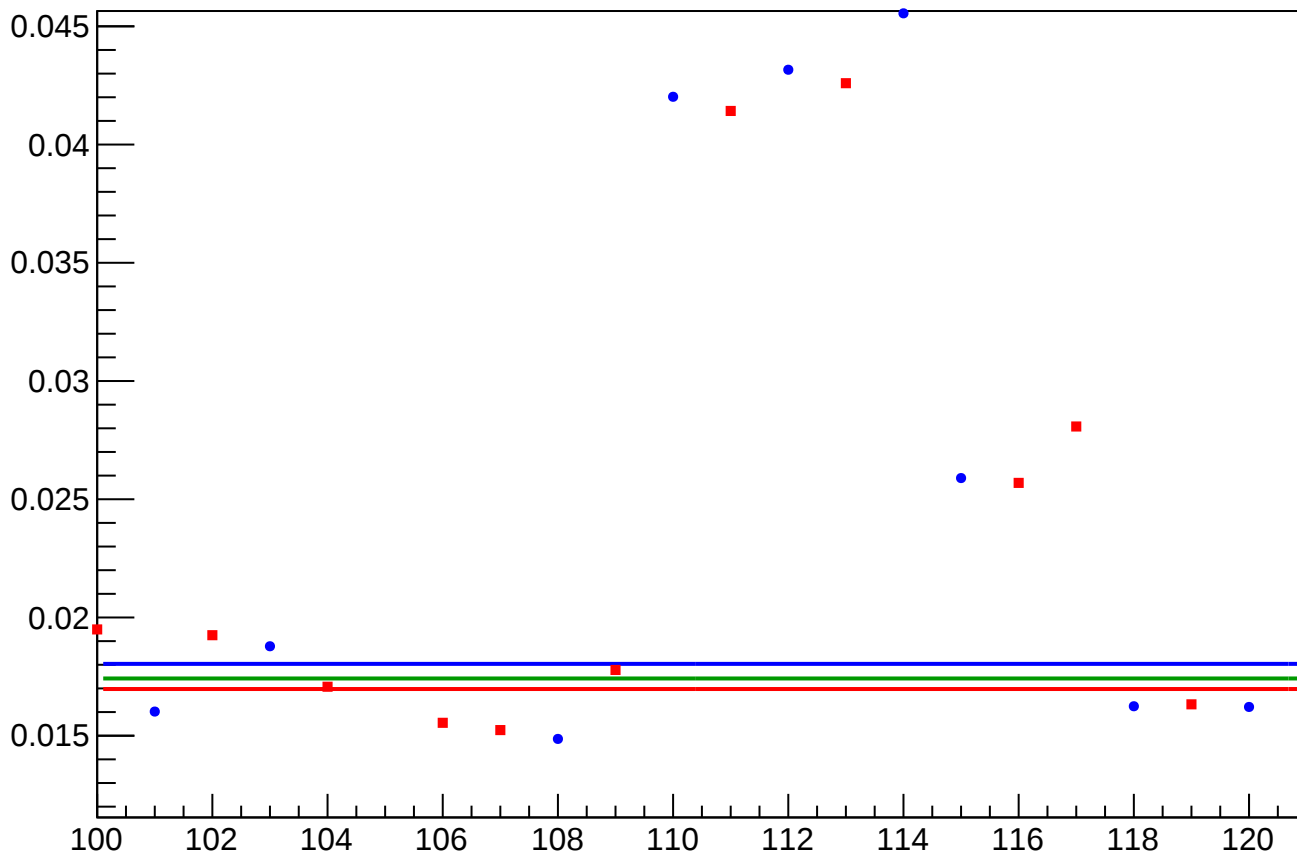
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.194+/-0.000 χ^2/NDF : 1176482999.4/8

1.158+/-0.000 χ^2/NDF : 2690089970.1/20

1.132+/-0.000 χ^2/NDF : 1493603533.9/11

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 682868.3/8

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

Right Out: 0.017+/-0.000 χ^2/NDF : 858444.7/11

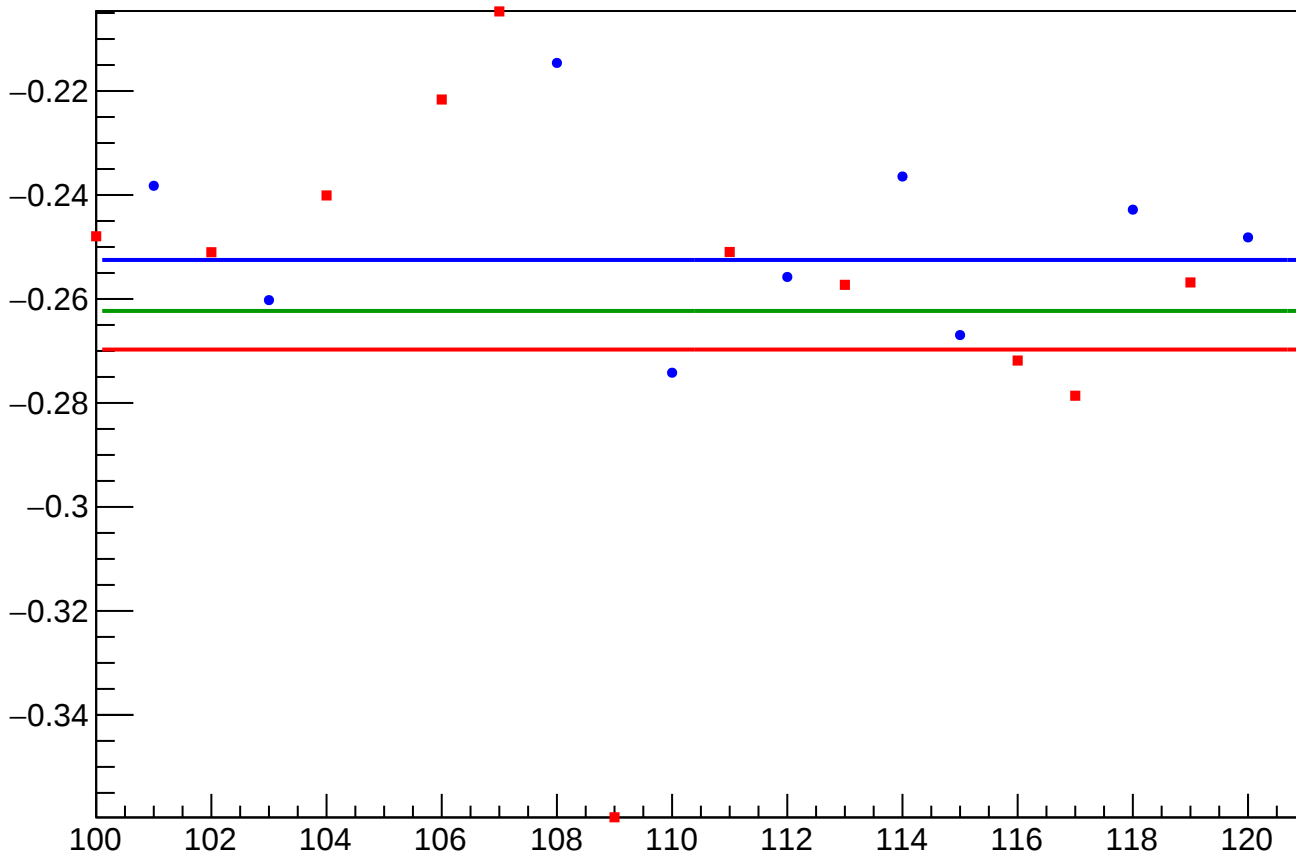
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 682868.3/8

0.017+/-0.000 χ^2/NDF : 1552969.2/20

0.017+/-0.000 χ^2/NDF : 858444.7/11

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.252+/-0.000 χ^2/NDF : 1113461.3/8

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

Right Out: -0.270+/-0.000 χ^2/NDF : 9721133.8/11

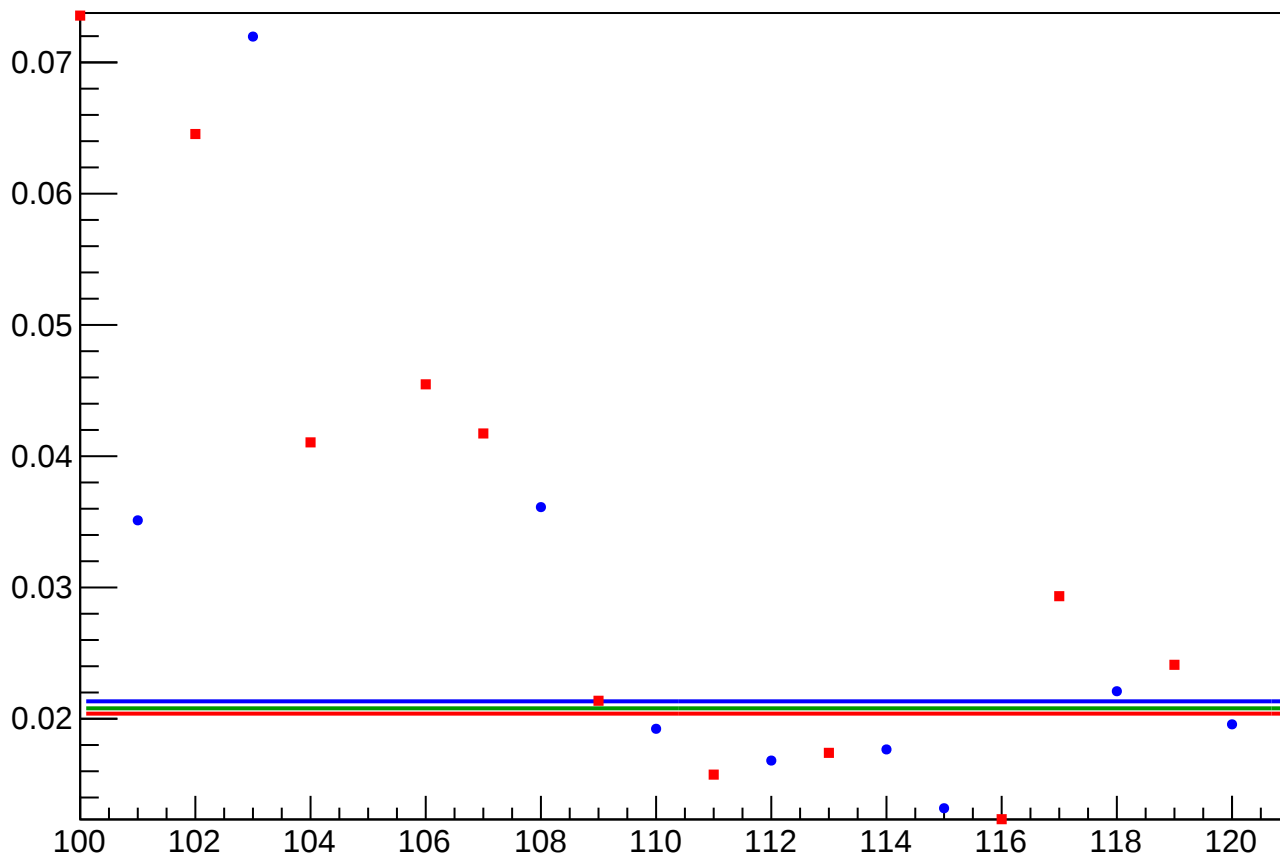
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.252+/-0.000 χ^2/NDF : 1113461.3/8

-0.262+/-0.000 χ^2/NDF : 11763821.1/20

-0.270+/-0.000 χ^2/NDF : 9721133.8/11

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 962051.7/8

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1303449.8/11

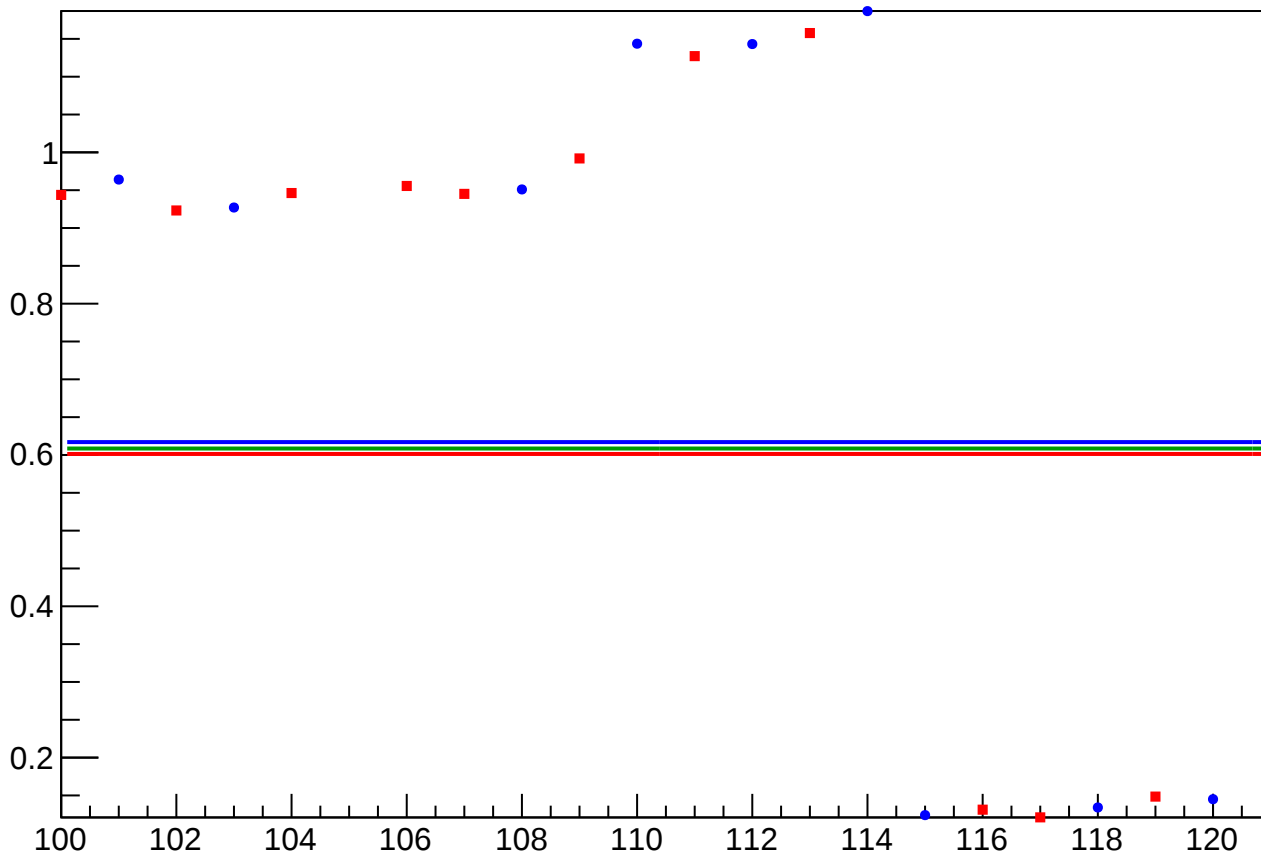
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 962051.7/8

0.021+/-0.000 χ^2/NDF : 2271002.7/20

0.020+/-0.000 χ^2/NDF : 1303449.8/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.617+/-0.000 χ^2/NDF : 2568315800.3/8

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

Right Out: 0.601+/-0.000 χ^2/NDF : 3003287667.1/11

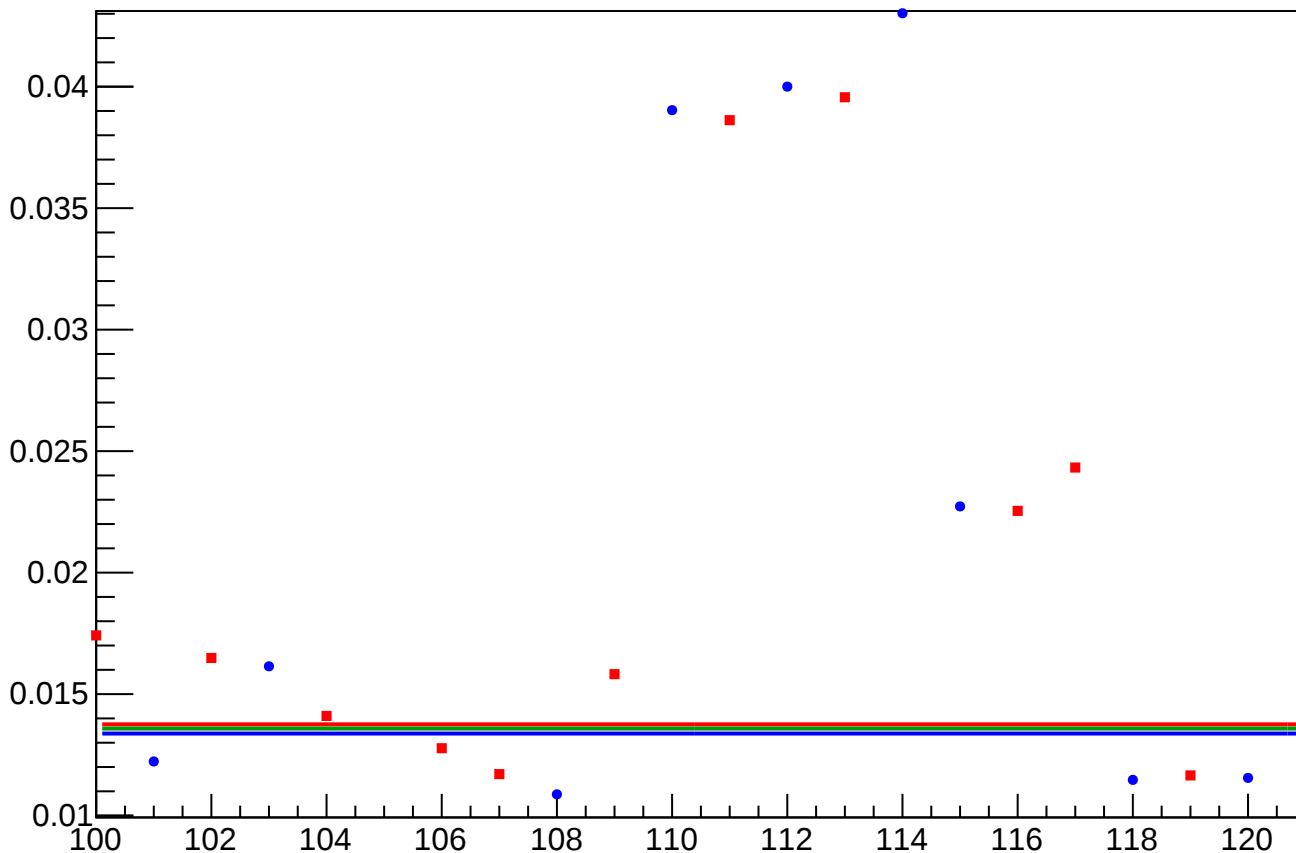
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.617+/-0.000 χ^2/NDF : 2568315800.3/8

0.609+/-0.000 χ^2/NDF : 5573657671.1/20

0.601+/-0.000 χ^2/NDF : 3003287667.1/11

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 932539.6/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 997468.5/11

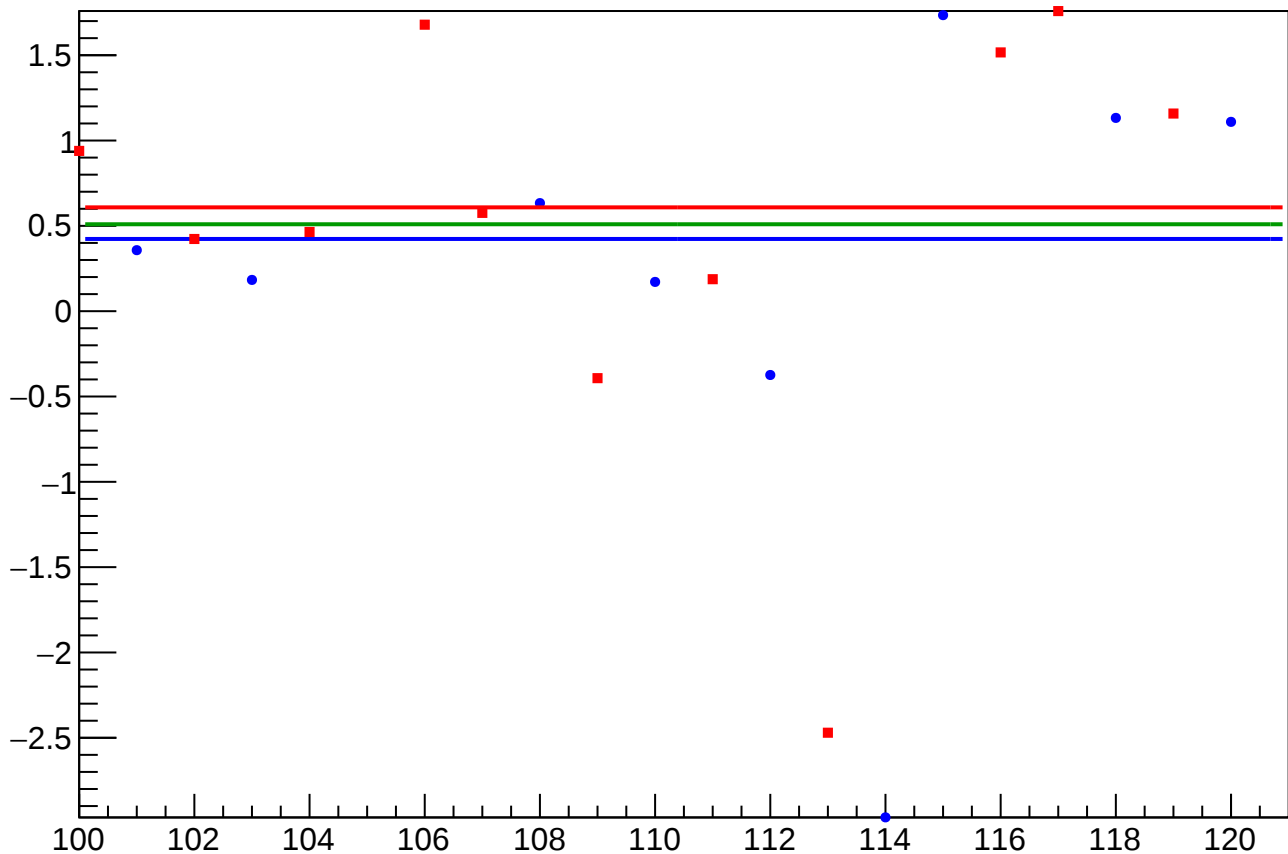
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 932539.6/8

0.014+/-0.000 χ^2/NDF : 1932403.8/20

0.014+/-0.000 χ^2/NDF : 997468.5/11

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.423+/-0.000 χ^2/NDF : 185108252.6/8

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

Right Out: 0.608+/-0.000 χ^2/NDF : 875473658.8/11

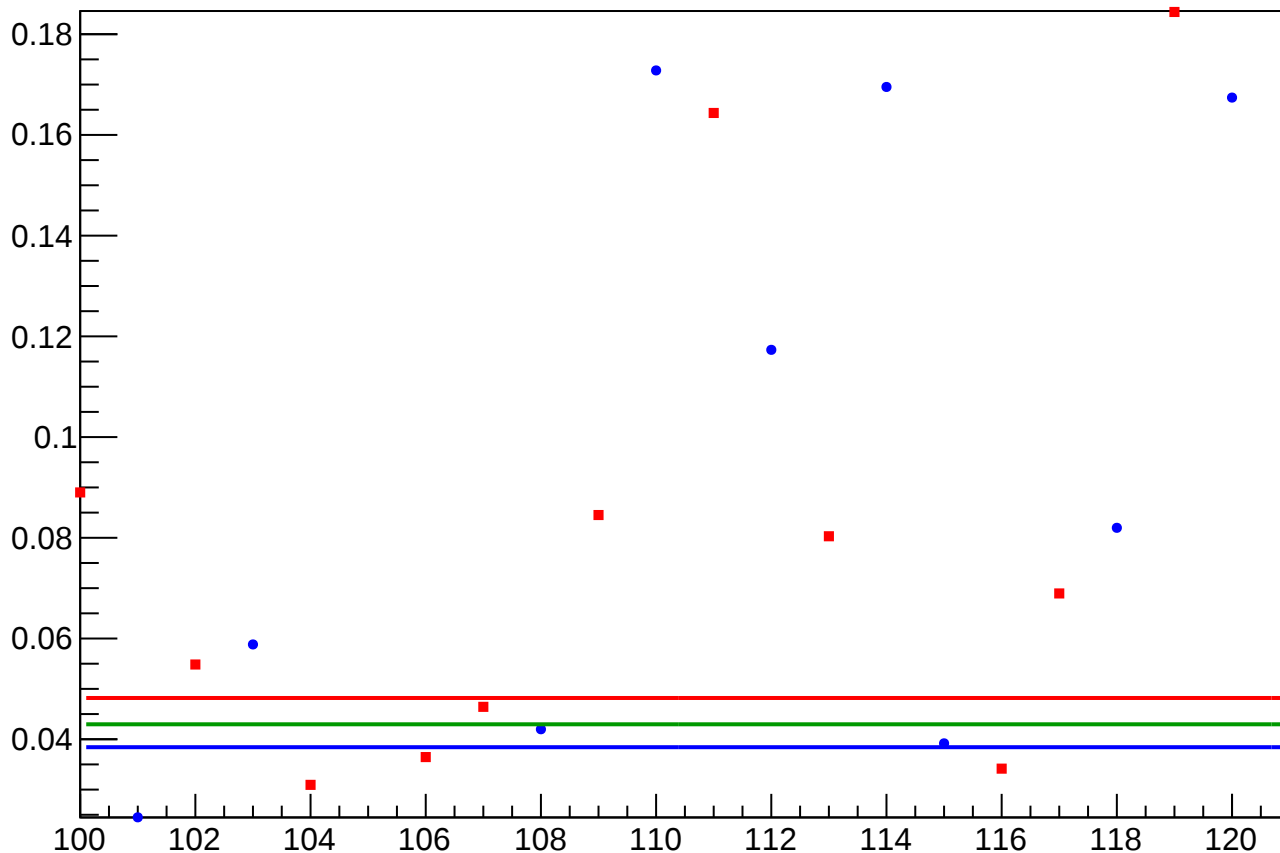
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.423+/-0.000 χ^2/NDF : 185108252.6/8

0.509+/-0.000 χ^2/NDF : 1081023612.7/20

0.608+/-0.000 χ^2/NDF : 875473658.8/11

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 1857449.2/8

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

Right Out: 0.048+/-0.000 χ^2/NDF : 1654275.6/11

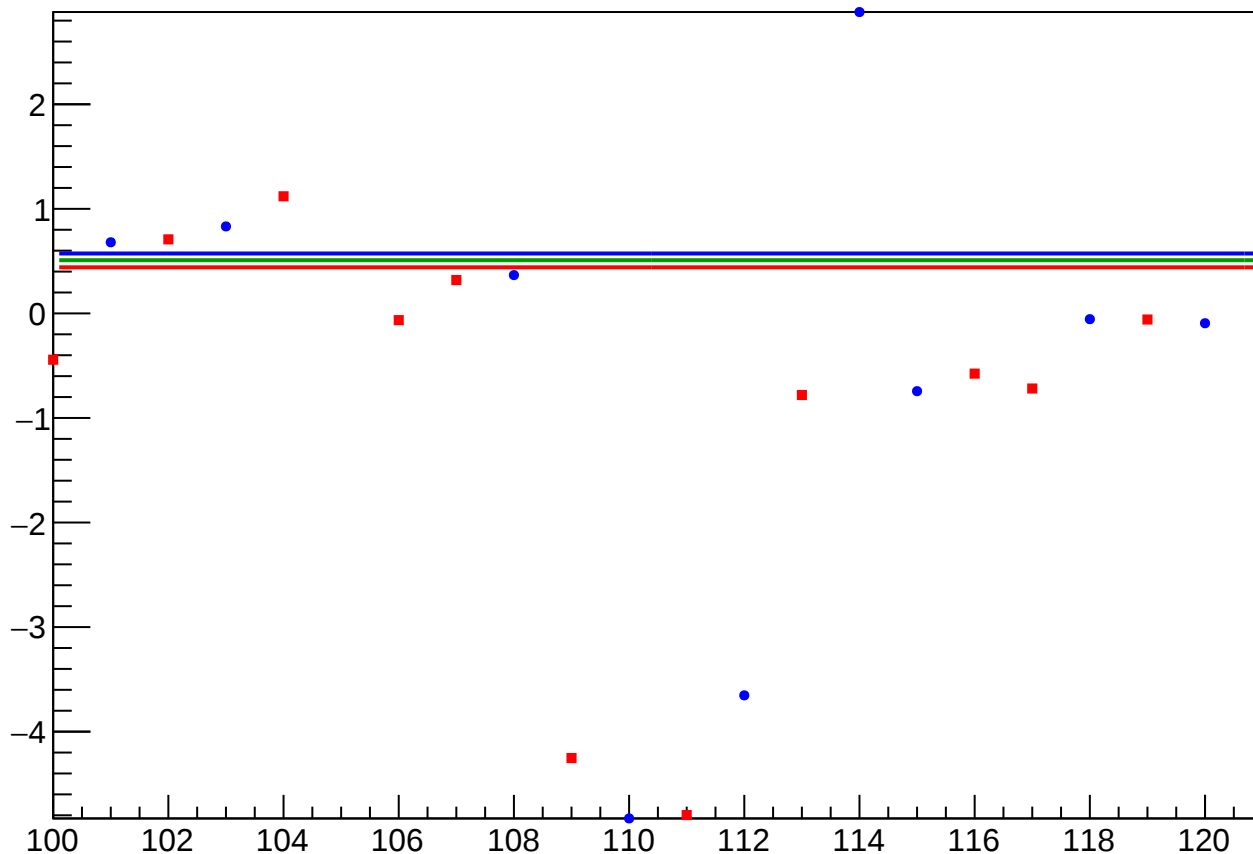
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.038+/-0.000 χ^2/NDF : 1857449.2/8

0.043+/-0.000 χ^2/NDF : 3625616.1/20

0.048+/-0.000 χ^2/NDF : 1654275.6/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.573+/-0.000 χ^2/NDF : 1603807274.5/8

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

Right Out: 0.441+/-0.000 χ^2/NDF : 3676723302.0/11

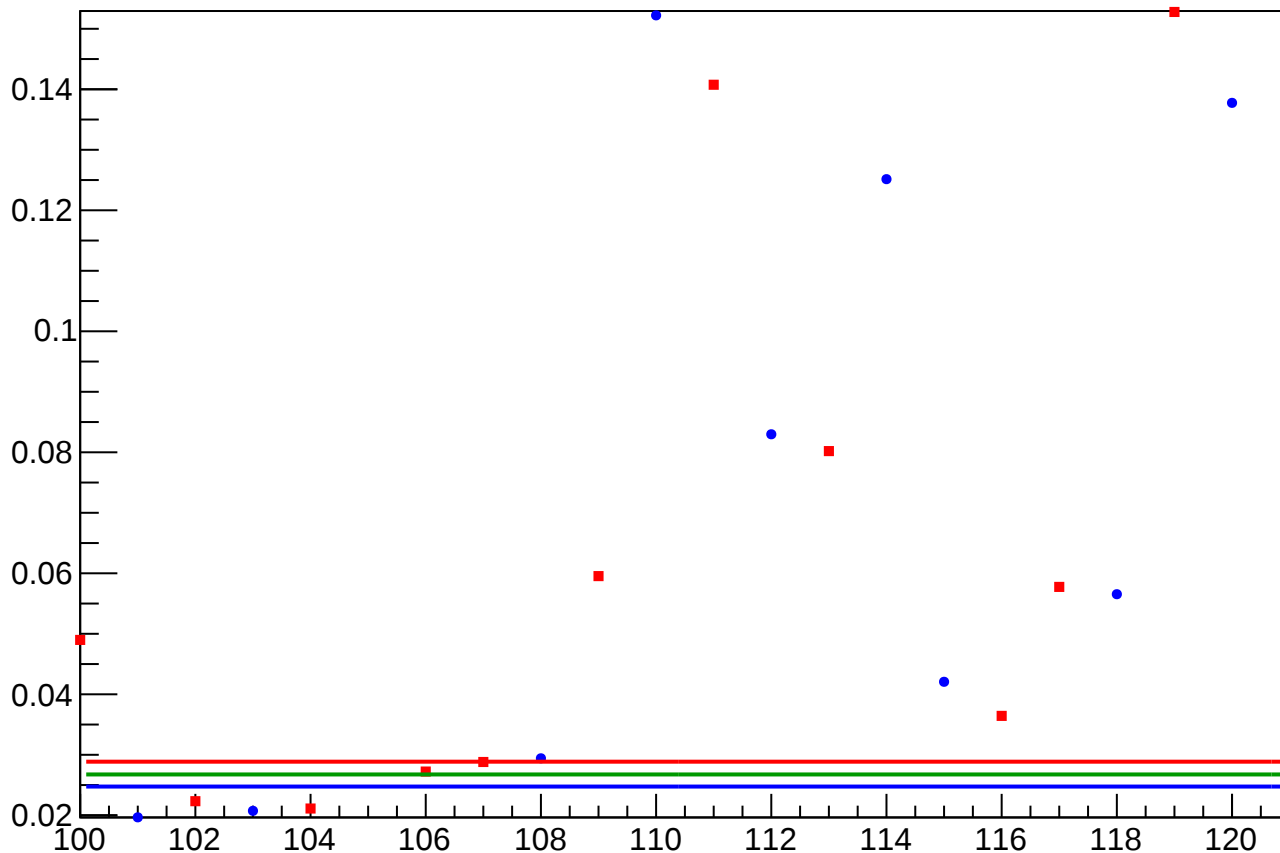
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.573+/-0.000 χ^2/NDF : 1603807274.5/8

0.509+/-0.000 χ^2/NDF : 5307363429.1/20

0.441+/-0.000 χ^2/NDF : 3676723302.0/11

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 1665878.0/8

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

Right Out: 0.029+/-0.000 χ^2/NDF : 2071634.3/11

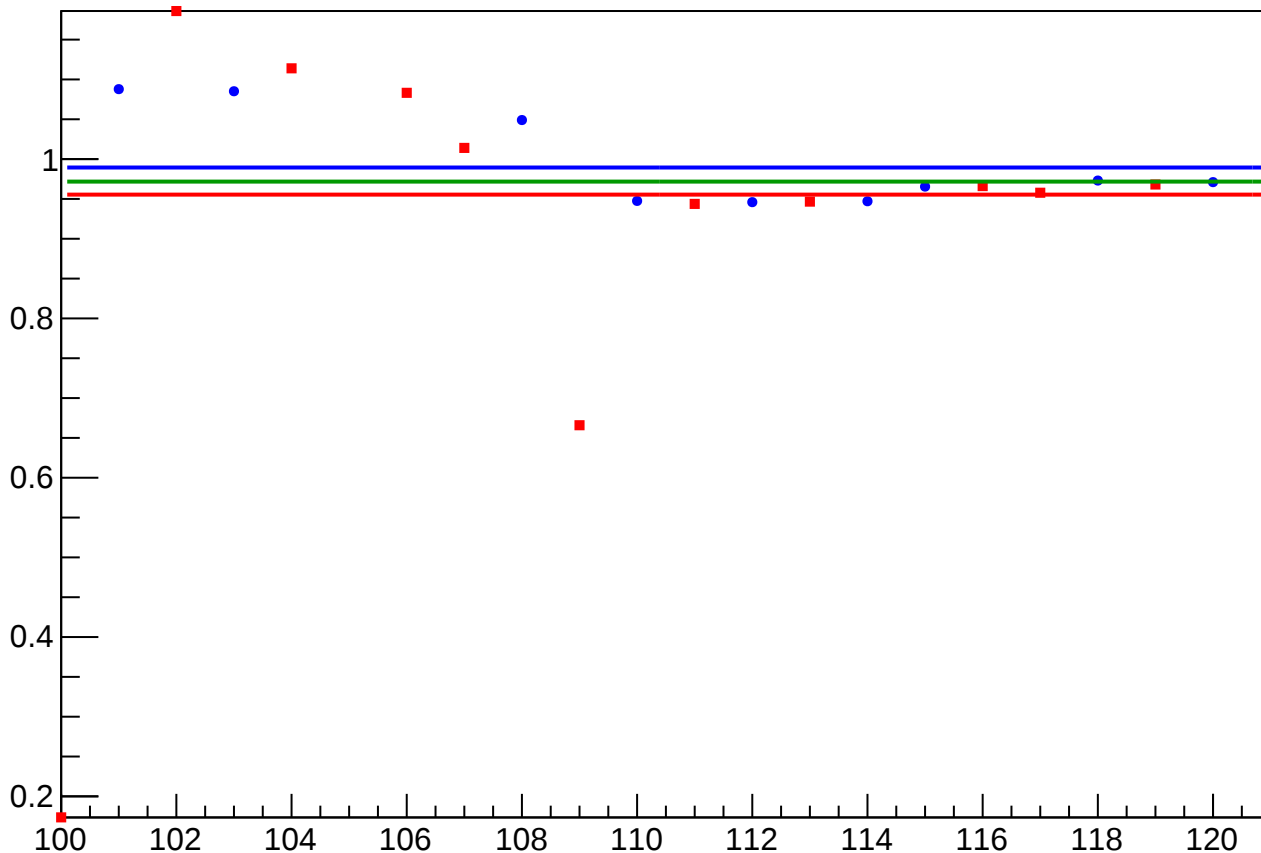
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 1665878.0/8

0.027+/-0.000 χ^2/NDF : 3789515.7/20

0.029+/-0.000 χ^2/NDF : 2071634.3/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.989+/-0.000 χ^2/NDF : 40731379.1/8

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

Right Out: 0.955+/-0.000 χ^2/NDF : 265136439.4/11

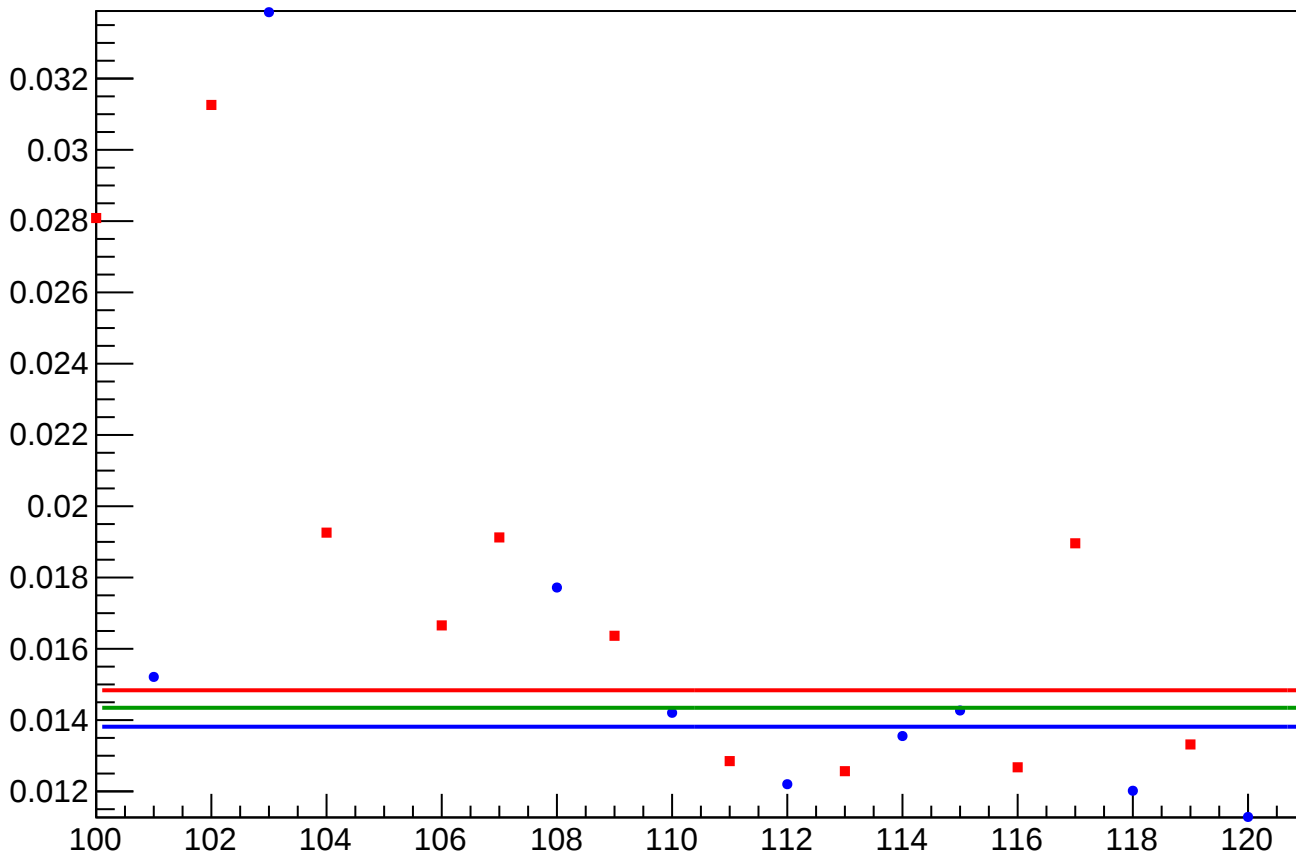
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.989+/-0.000 χ^2/NDF : 40731379.1/8

0.972+/-0.000 χ^2/NDF : 314850896.9/20

0.955+/-0.000 χ^2/NDF : 265136439.4/11

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 472916.0/8

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

Right Out: 0.015+/-0.000 χ^2/NDF : 467394.4/11

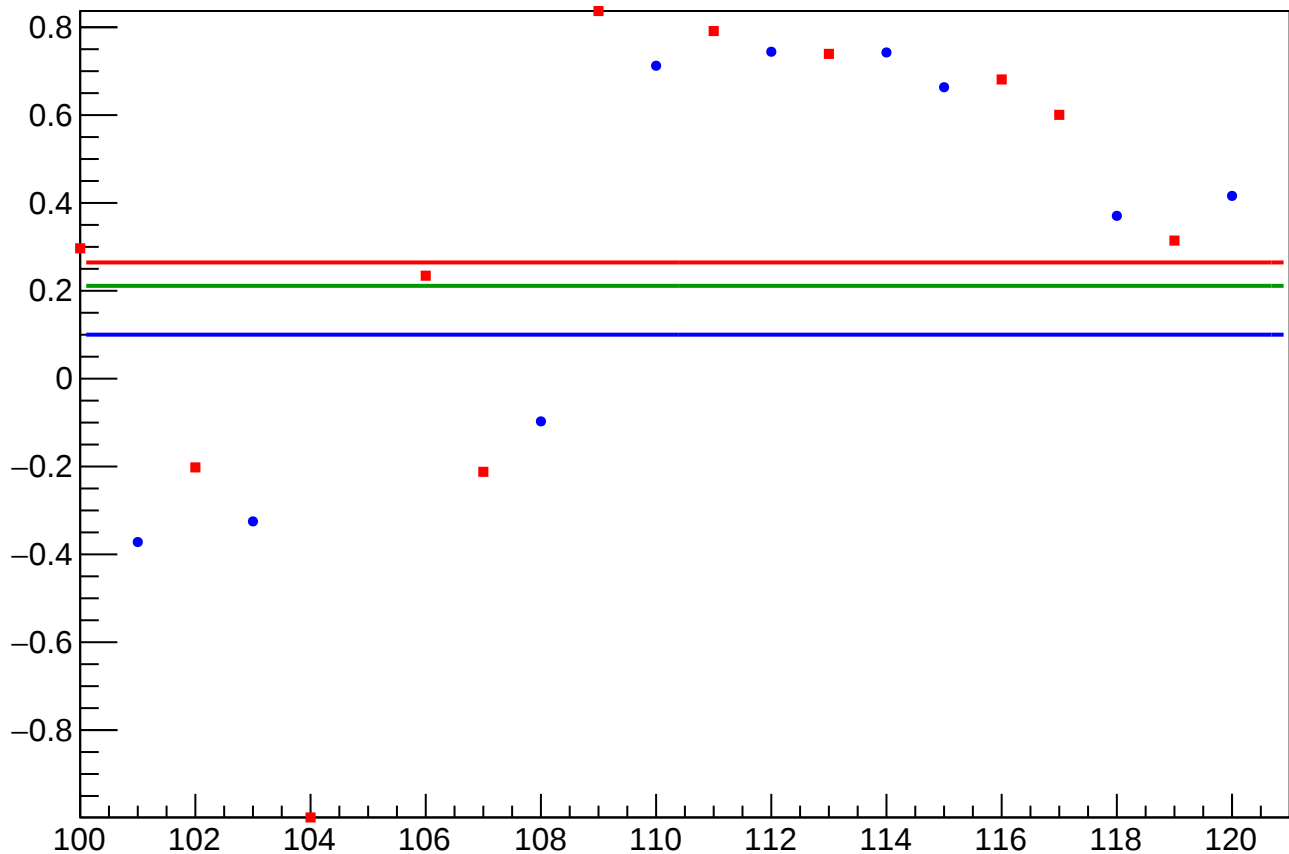
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 472916.0/8

0.014+/-0.000 χ^2/NDF : 956526.7/20

0.015+/-0.000 χ^2/NDF : 467394.4/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.100+/-0.000 χ^2/NDF : 1799610239.6/8

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

Right Out: 0.265+/-0.000 χ^2/NDF : 7948642317.3/11

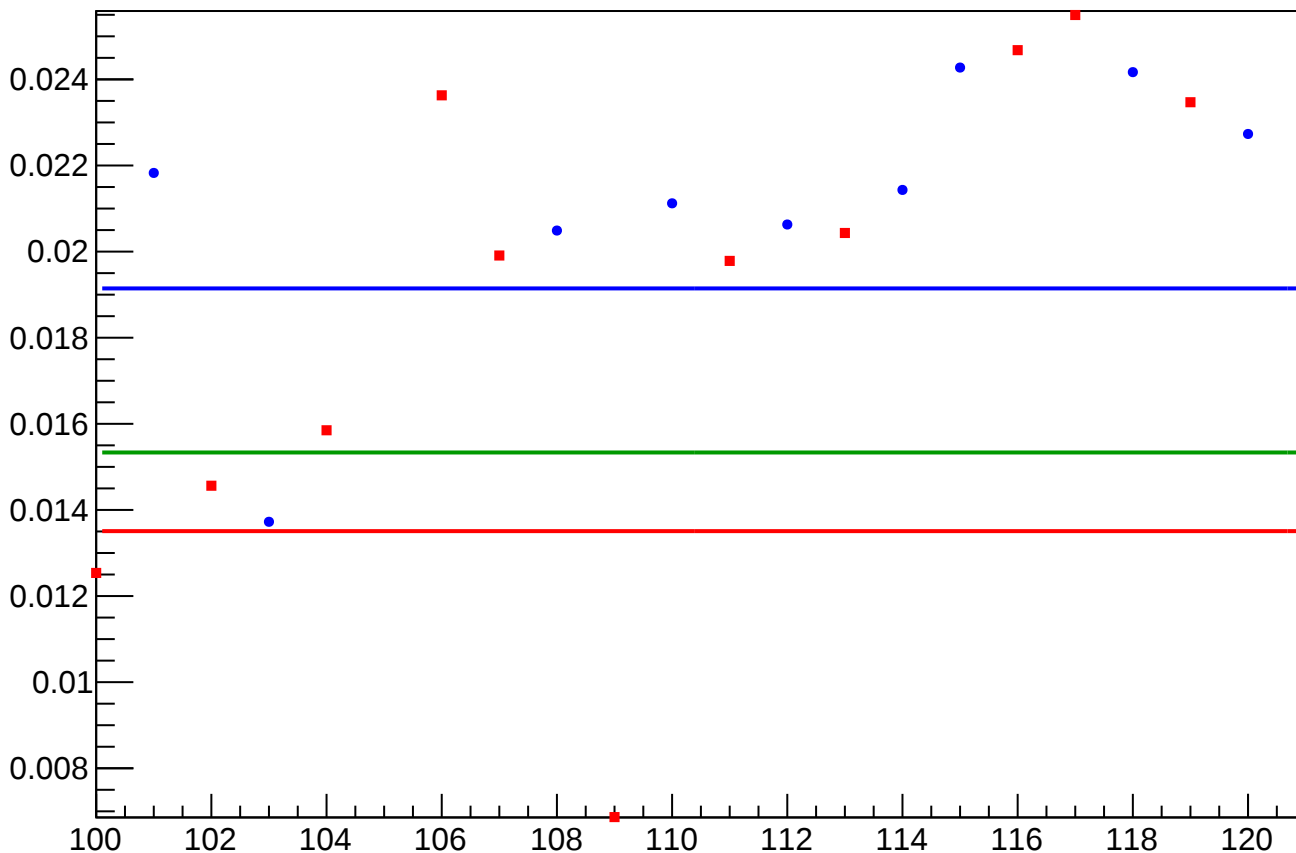
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.100+/-0.000 χ^2/NDF : 1799610239.6/8

0.211+/-0.000 χ^2/NDF : 9900476768.7/20

0.265+/-0.000 χ^2/NDF : 7948642317.3/11

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 267022.1/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1259312.0/11

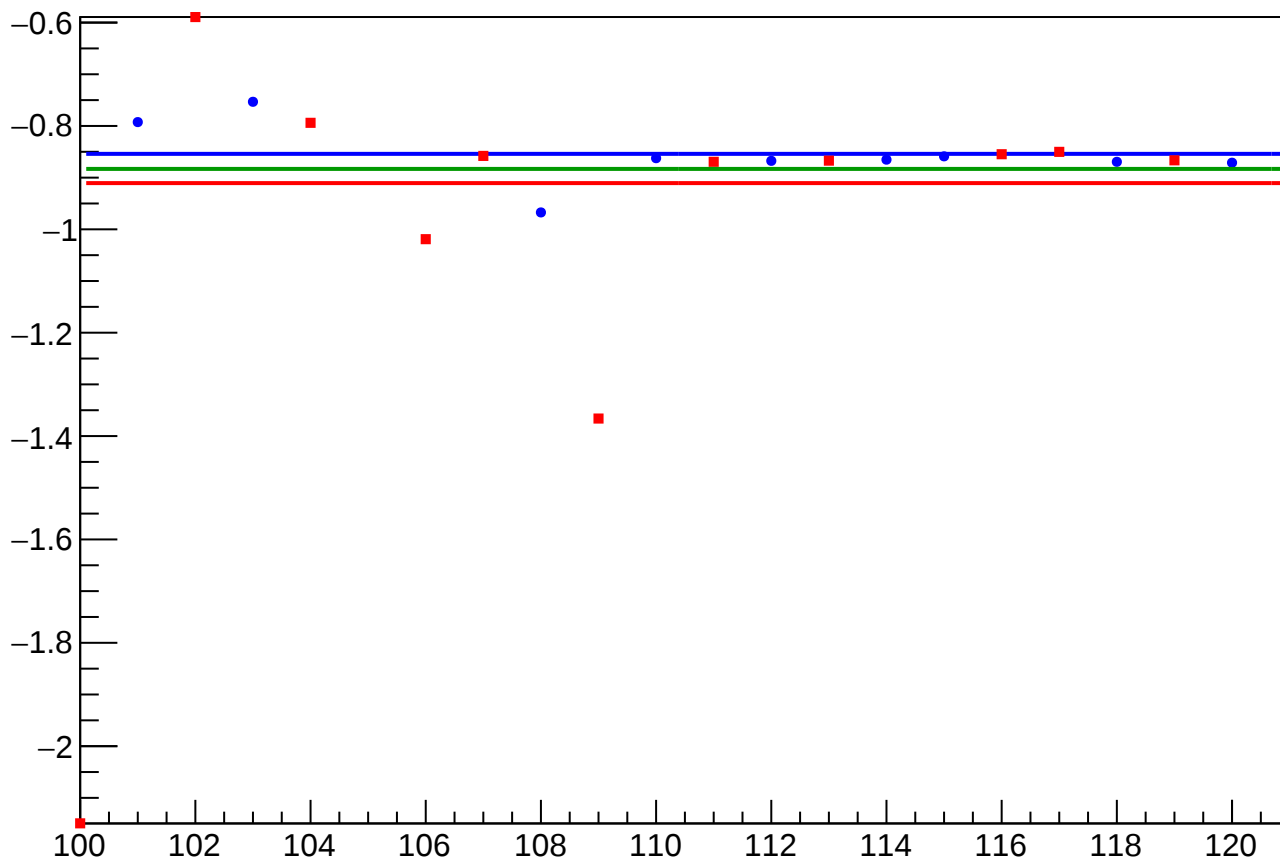
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 267022.1/8

0.015+/-0.000 χ^2/NDF : 1884157.9/20

0.014+/-0.000 χ^2/NDF : 1259312.0/11

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6265003.1/8

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

Right Out: -0.911+/-0.000 χ^2/NDF : 109076604.5/11

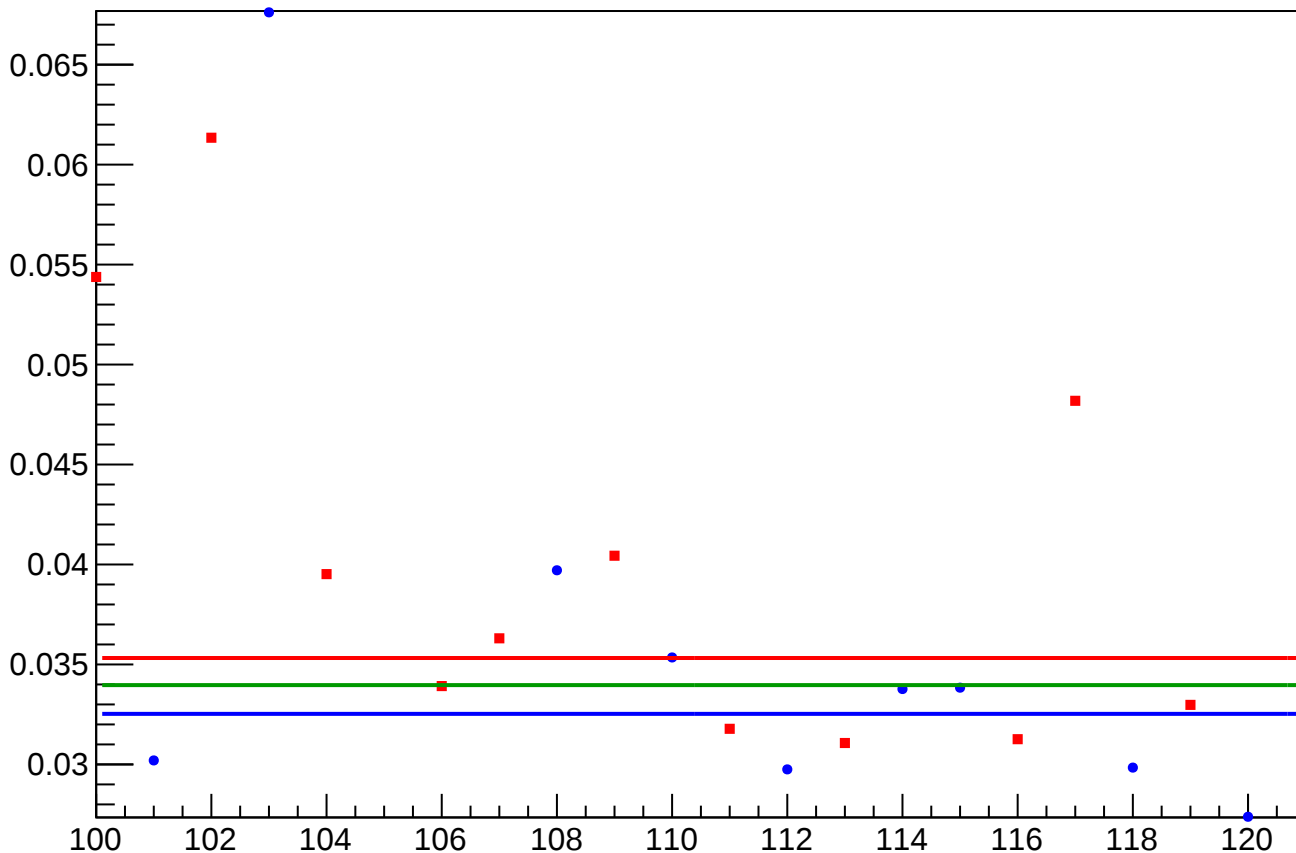
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.854+/-0.000 χ^2/NDF : 6265003.1/8

-0.883+/-0.000 χ^2/NDF : 119855432.4/20

-0.911+/-0.000 χ^2/NDF : 109076604.5/11

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 343526.8/8

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

Right Out: 0.035+/-0.000 χ^2/NDF : 261632.6/11

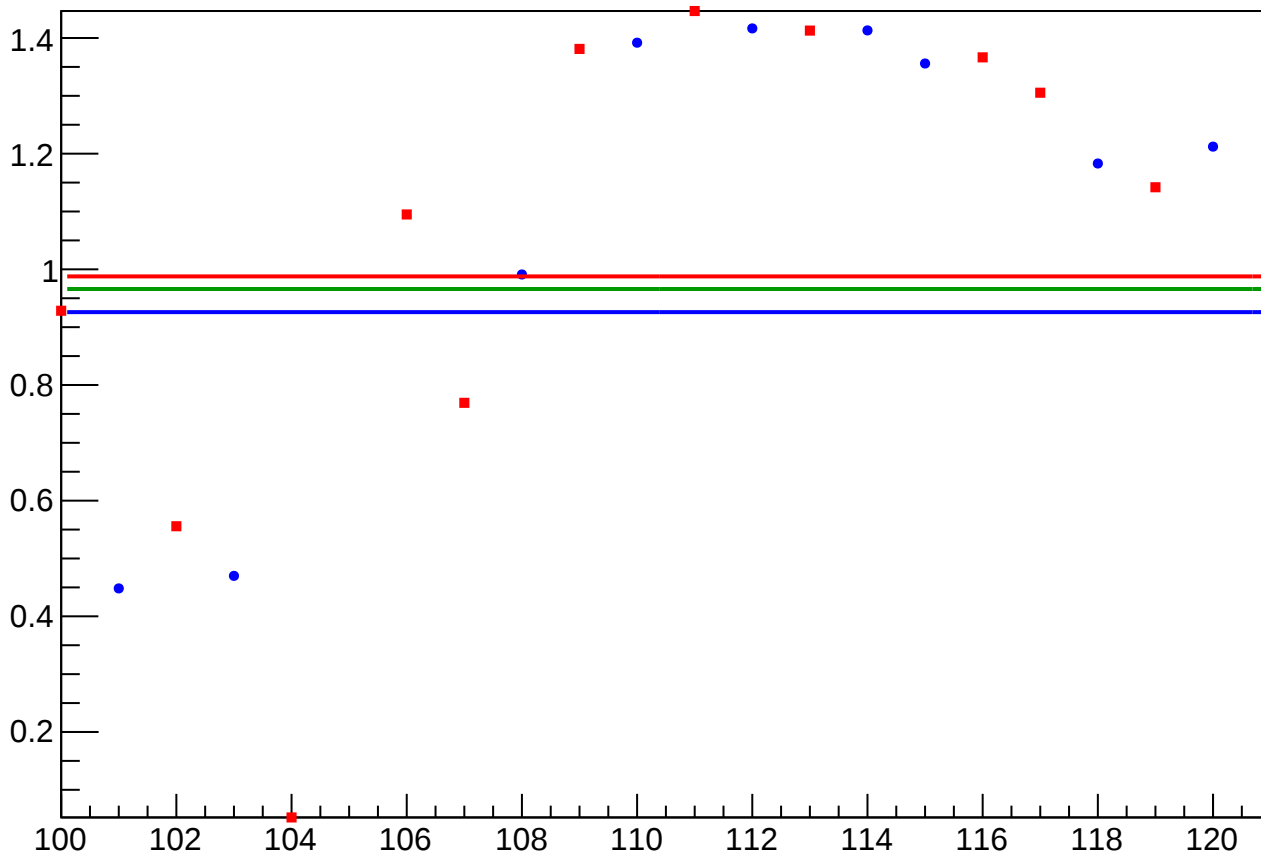
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 343526.8/8

0.034+/-0.000 χ^2/NDF : 627165.1/20

0.035+/-0.000 χ^2/NDF : 261632.6/11

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.926+/-0.000 χ^2/NDF : 3010949238.6/8

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

Right Out: 0.988+/-0.000 χ^2/NDF : 7179808129.8/11

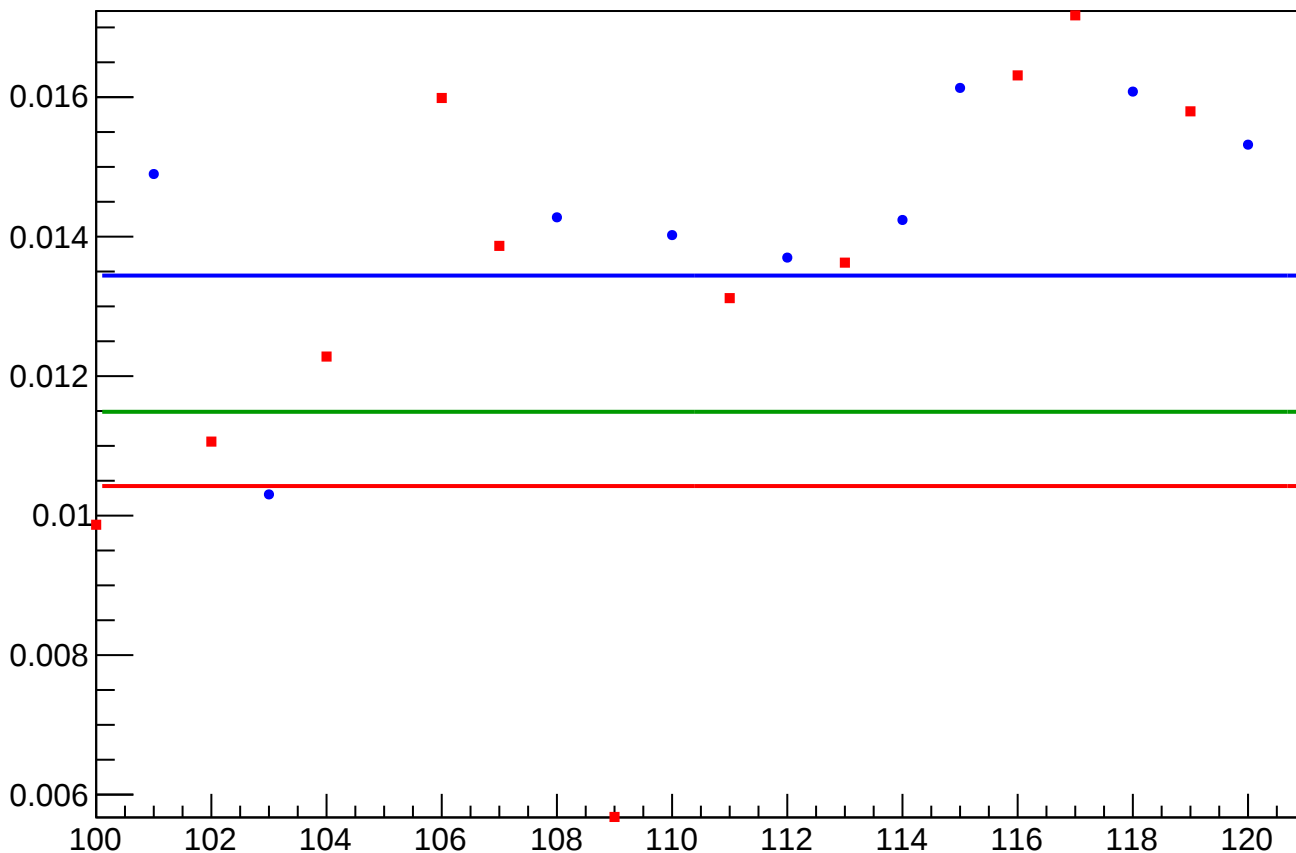
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.926+/-0.000 χ^2/NDF : 3010949238.6/8

0.966+/-0.000 χ^2/NDF : 10232965010.0/2

0.988+/-0.000 χ^2/NDF : 7179808129.8/11

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 156047.0/8

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

Right Out: 0.010+/-0.000 χ^2/NDF : 839617.1/11

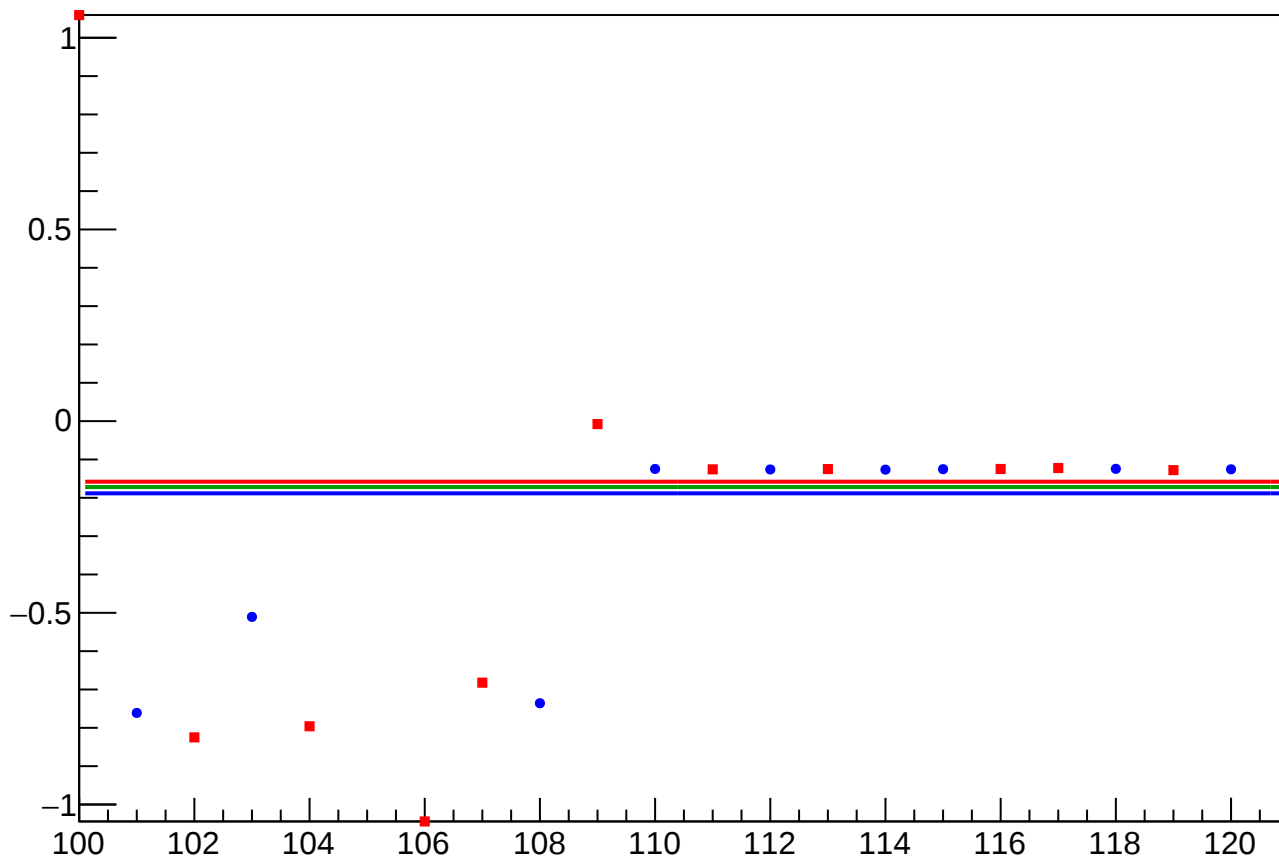
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 156047.0/8

0.011+/-0.000 χ^2/NDF : 1197060.4/20

0.010+/-0.000 χ^2/NDF : 839617.1/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.188+/-0.000 χ^2/NDF : 347031137.8/8

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

Right Out: -0.158+/-0.000 χ^2/NDF : 419451150.0/11

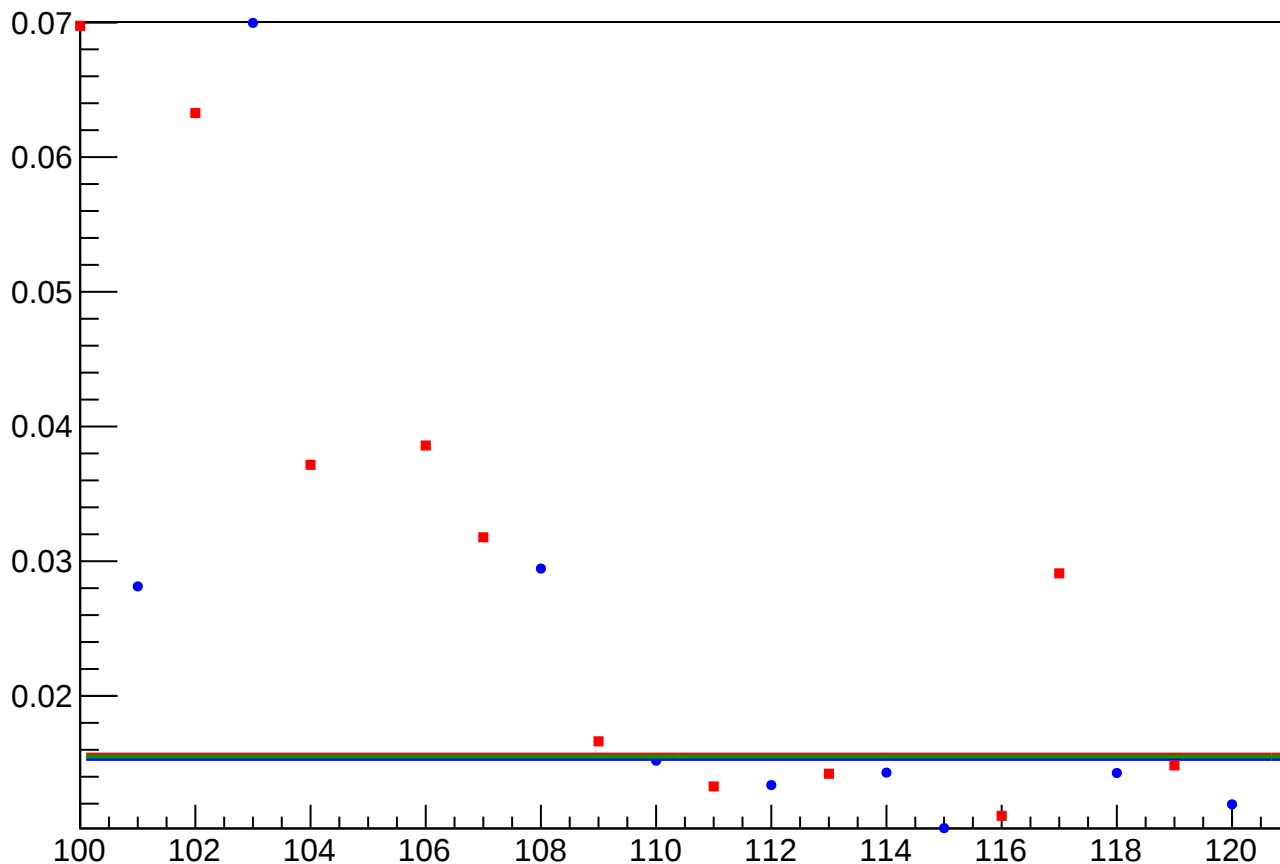
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.188+/-0.000 χ^2/NDF : 347031137.8/8

-0.172+/-0.000 χ^2/NDF : 771483883.9/20

-0.158+/-0.000 χ^2/NDF : 419451150.0/11

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1113533.1/8

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1329399.0/11

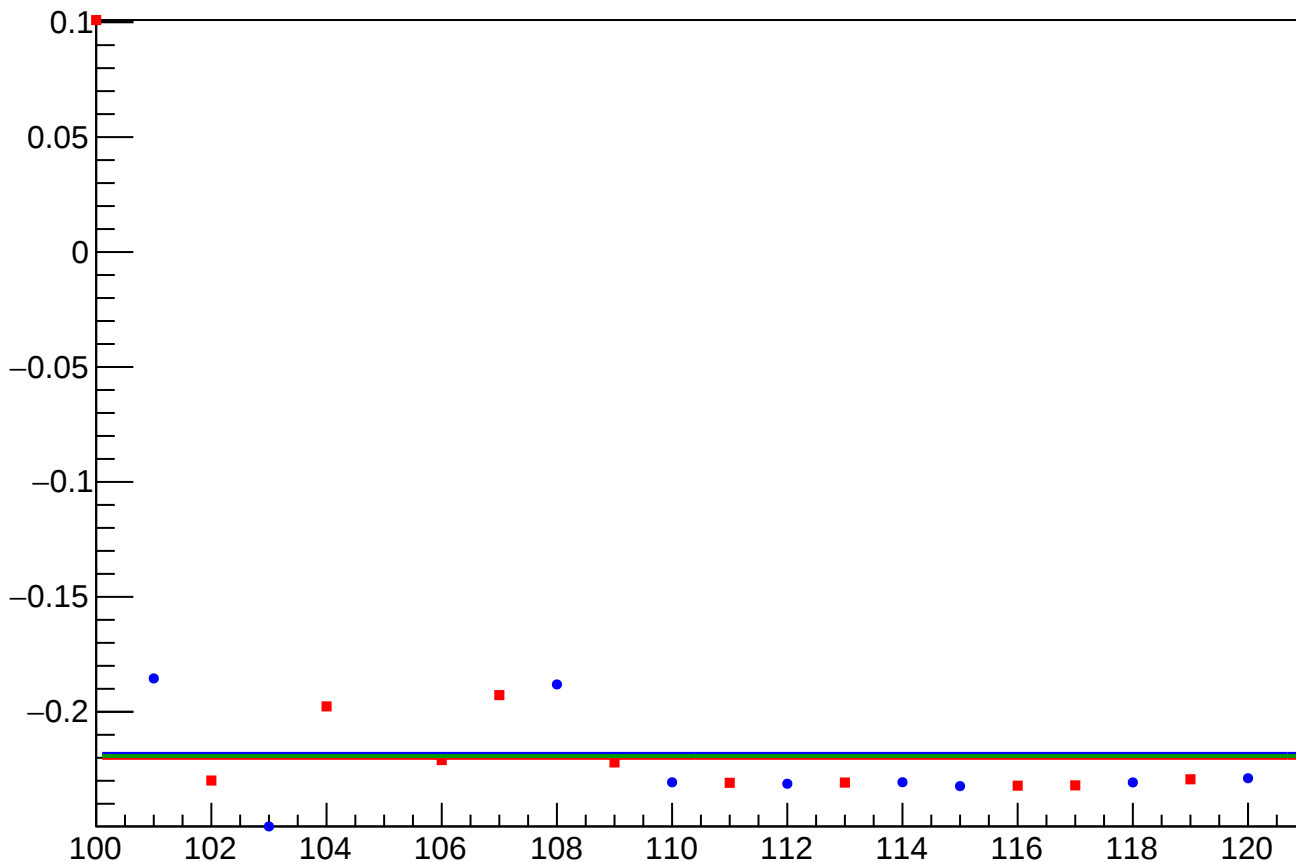
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1113533.1/8

0.015+/-0.000 χ^2/NDF : 2443994.0/20

0.016+/-0.000 χ^2/NDF : 1329399.0/11

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.218+/-0.000 χ^2/NDF : 65737066.3/8

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

Right Out: -0.220+/-0.000 χ^2/NDF : 162610570.2/11

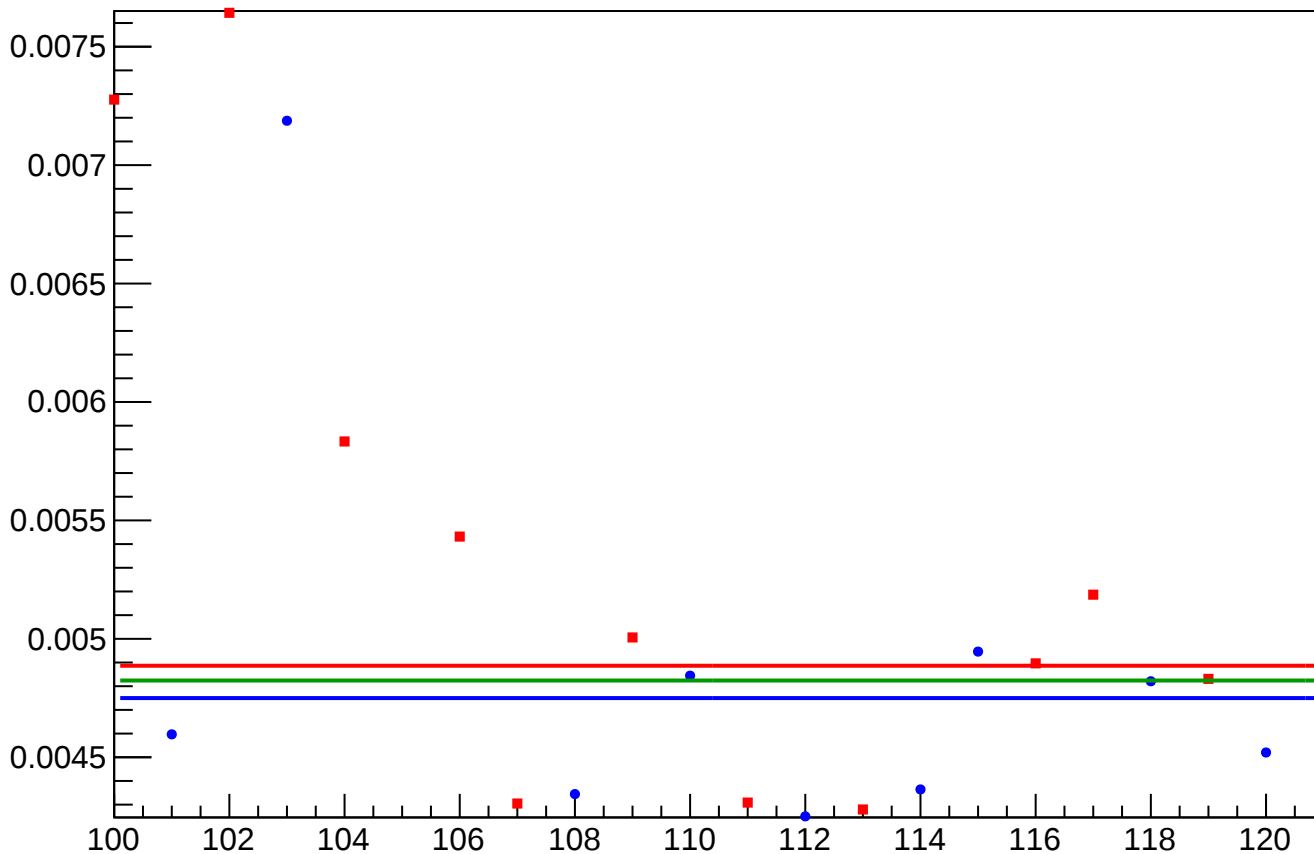
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.218+/-0.000 χ^2/NDF : 65737066.3/8

-0.219+/-0.000 χ^2/NDF : 228564917.4/20

-0.220+/-0.000 χ^2/NDF : 162610570.2/11

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 144386.4/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226048.7/11

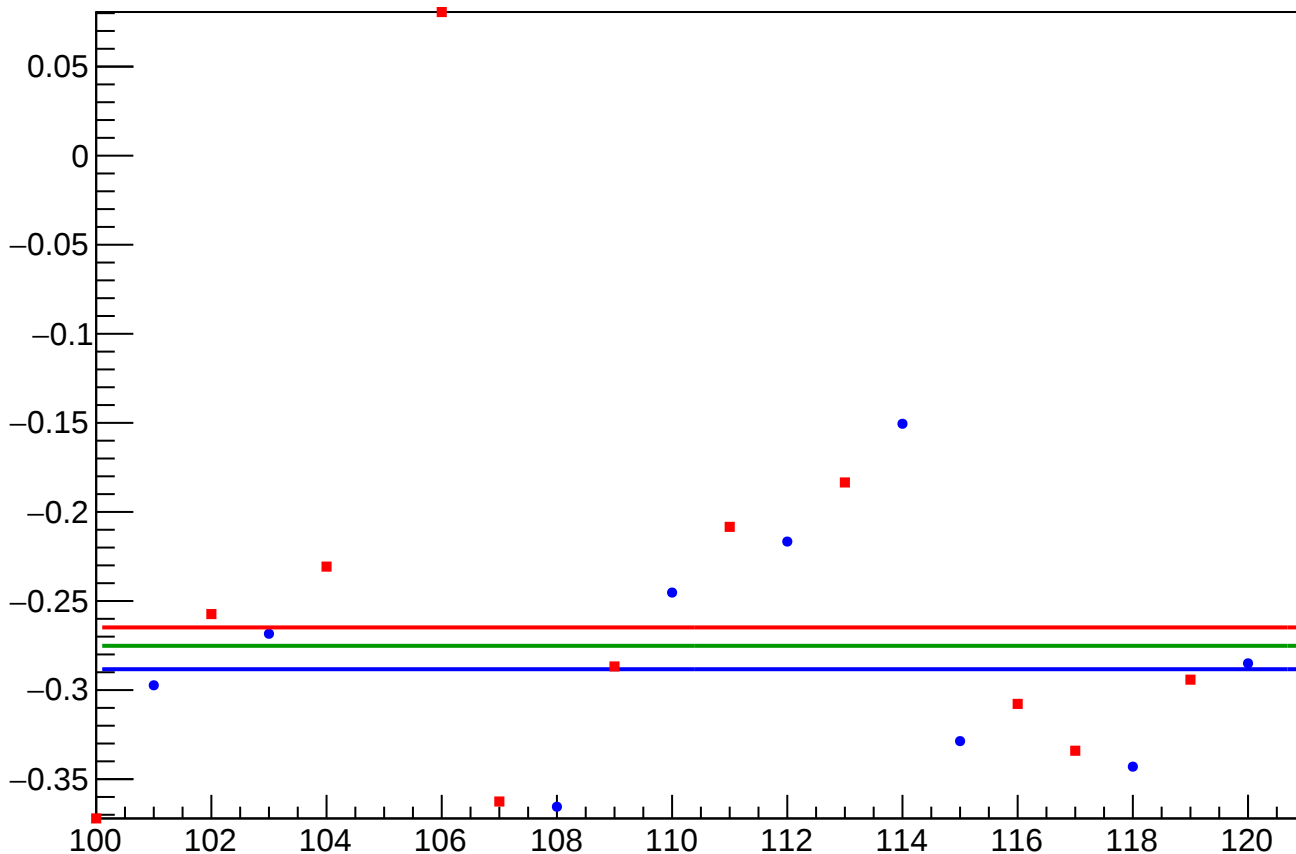
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 144386.4/8

0.005+/-0.000 χ^2/NDF : 373181.8/20

0.005+/-0.000 χ^2/NDF : 226048.7/11

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.288+/-0.000 χ^2/NDF : 220838432.1/8

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

Right Out: -0.265+/-0.000 χ^2/NDF : 701207756.4/11

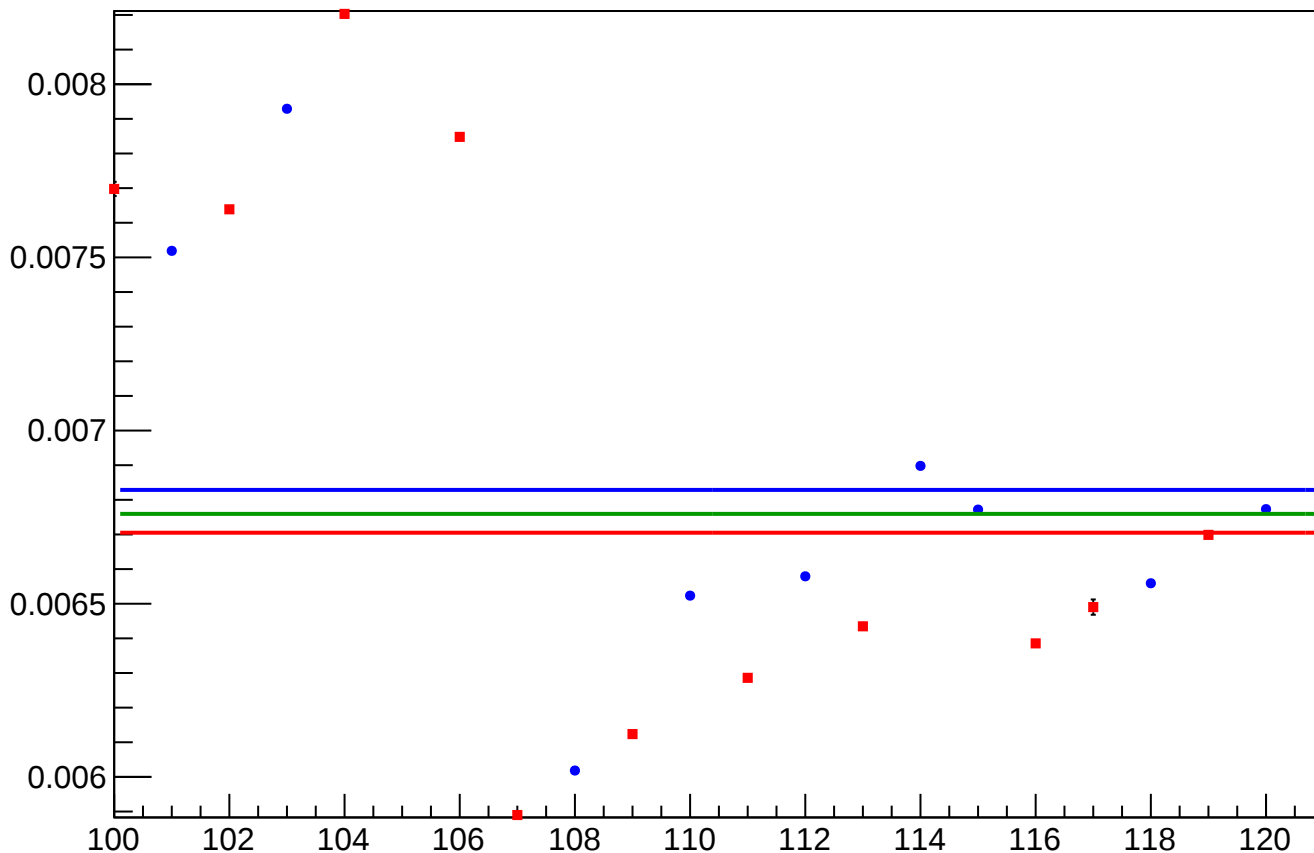
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.288+/-0.000 χ^2/NDF : 220838432.1/8

-0.275+/-0.000 χ^2/NDF : 944385052.1/20

-0.265+/-0.000 χ^2/NDF : 701207756.4/11

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 49703.4/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 88613.7/11

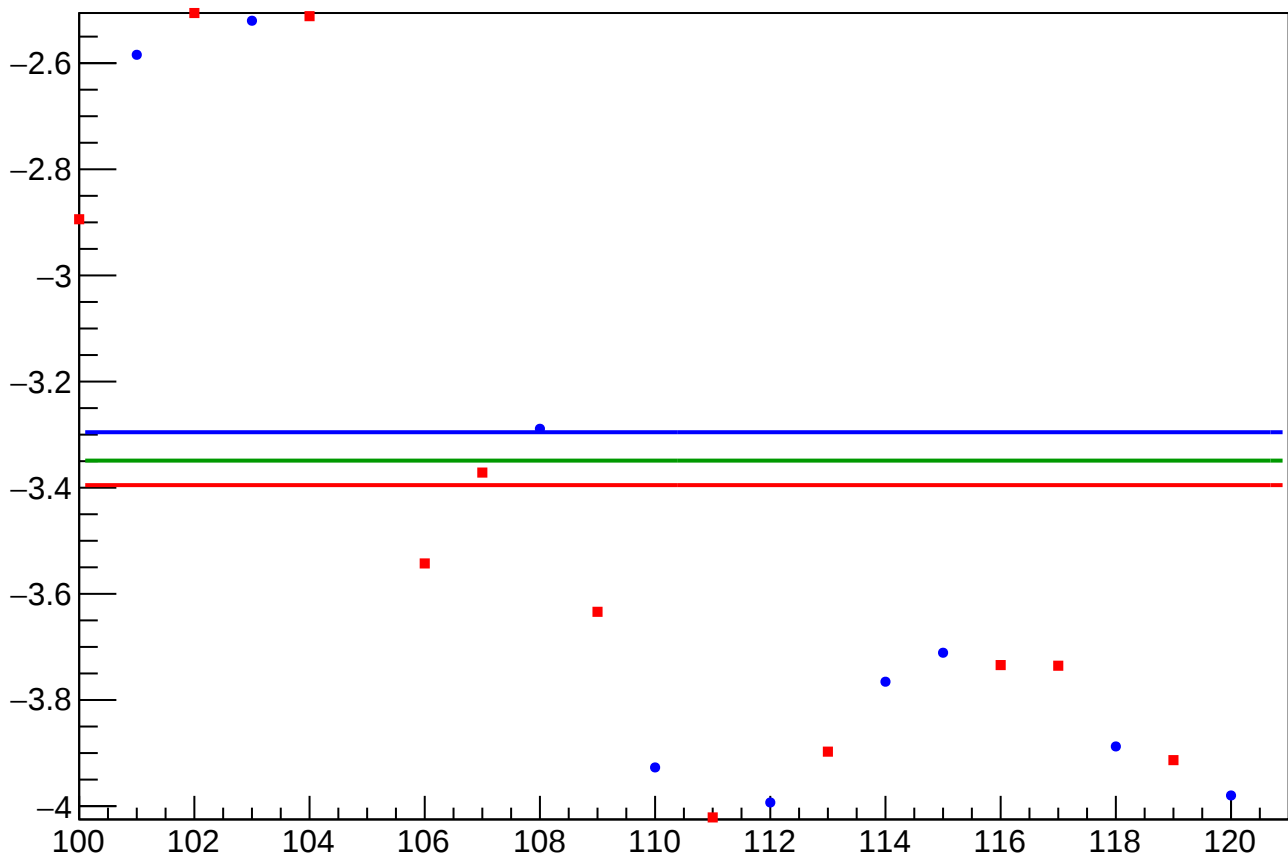
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.007+/-0.000 χ^2/NDF : 49703.4/8

0.007+/-0.000 χ^2/NDF : 139557.0/20

0.007+/-0.000 χ^2/NDF : 88613.7/11

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.295+/-0.000 χ^2/NDF : 22552934984.2/8

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

Right Out: -3.395+/-0.000 χ^2/NDF : 23589320321.9/11

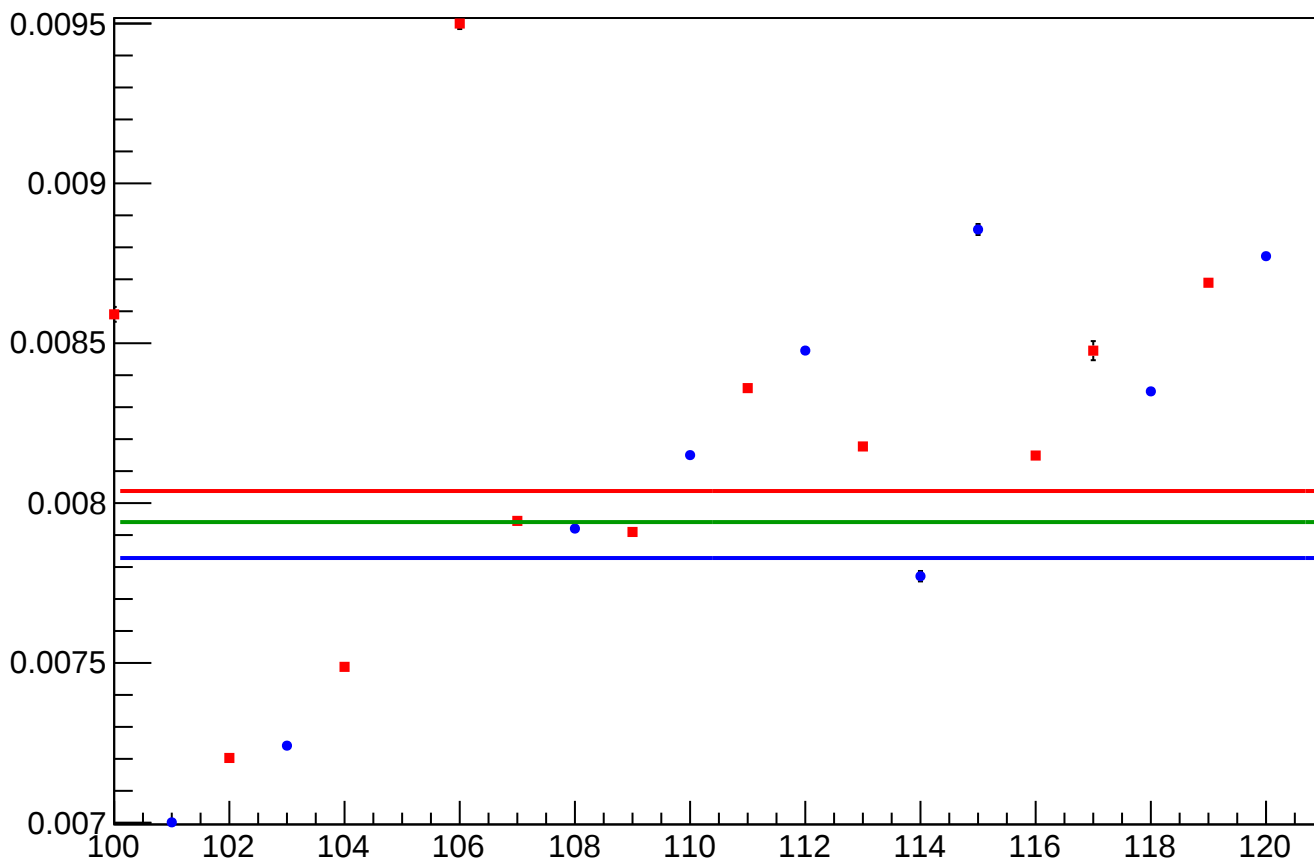
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.295+/-0.000 χ^2/NDF : 22552934984.2/8

-3.349+/-0.000 χ^2/NDF : 46432432666.9/11

-3.395+/-0.000 χ^2/NDF : 23589320321.9/11

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 44713.8/8

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

Right Out: 0.008+/-0.000 χ^2/NDF : 41042.7/11

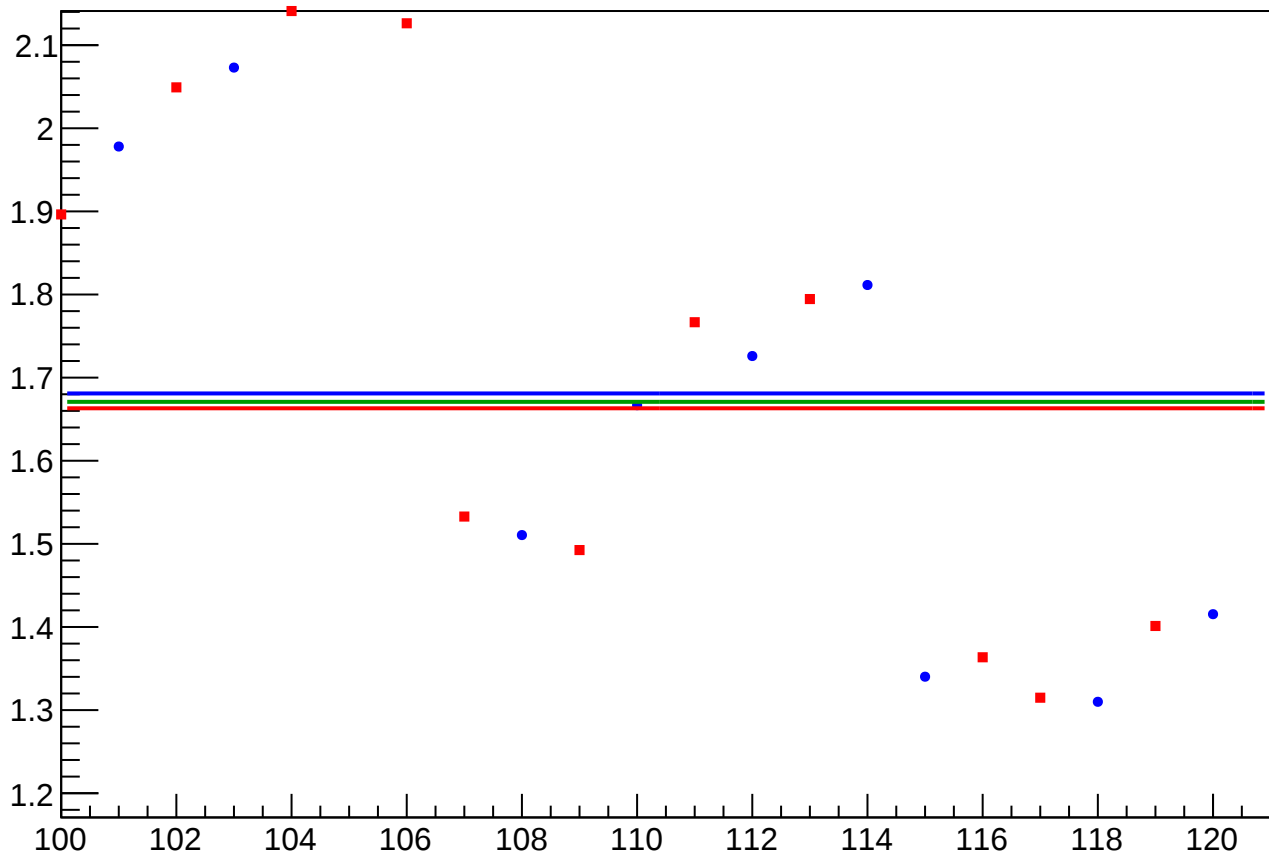
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.008+/-0.000 χ^2/NDF : 44713.8/8

0.008+/-0.000 χ^2/NDF : 88322.0/20

0.008+/-0.000 χ^2/NDF : 41042.7/11

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.681+/-0.000 χ^2/NDF : 1526850159.4/8

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

Right Out: 1.663+/-0.000 χ^2/NDF : 2635615999.0/11

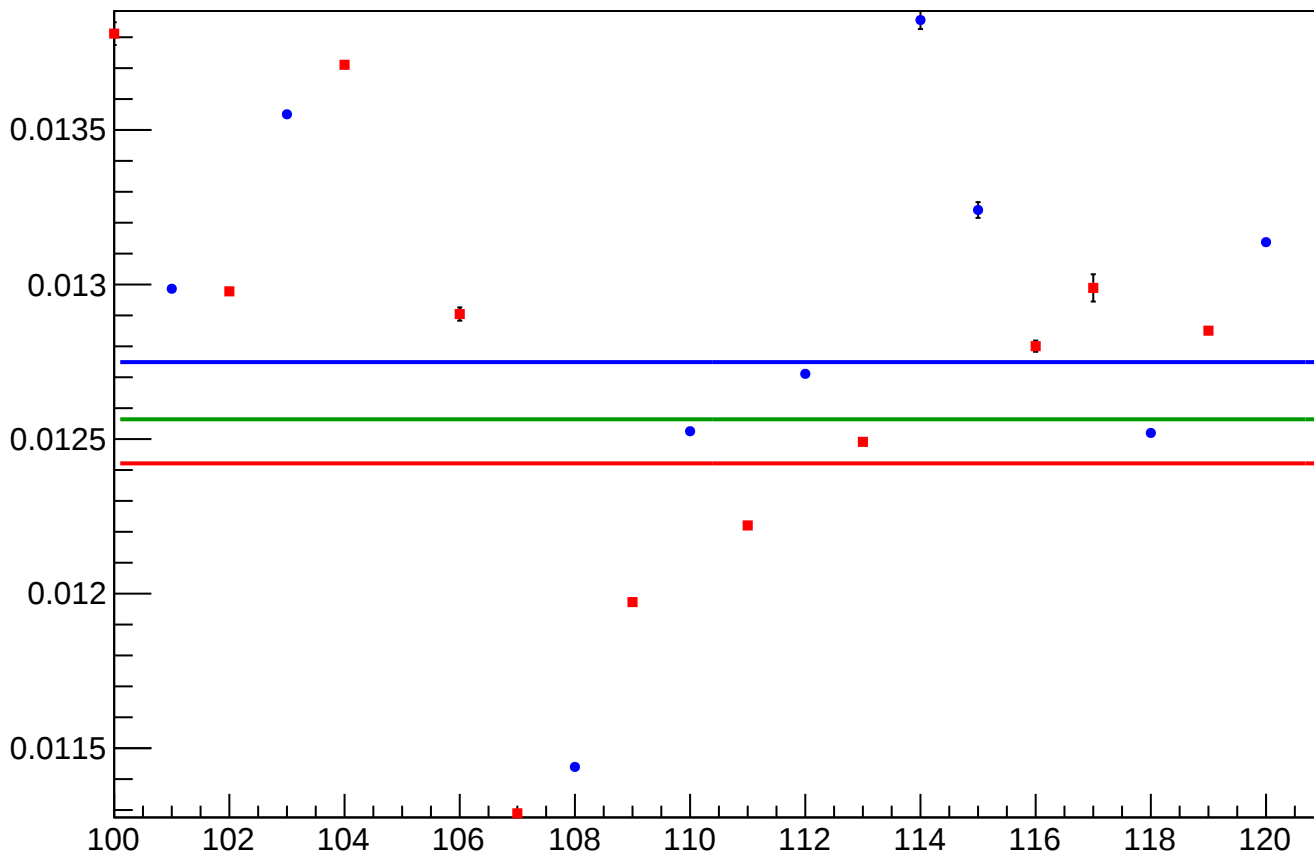
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.681+/-0.000 χ^2/NDF : 1526850159.4/8

1.671+/-0.000 χ^2/NDF : 4166203211.9/20

1.663+/-0.000 χ^2/NDF : 2635615999.0/11

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013 ± 0.000 $\chi^2/\text{NDF}: 17146.9/8$

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

Right Out: 0.012 ± 0.000 $\chi^2/\text{NDF}: 29562.1/11$

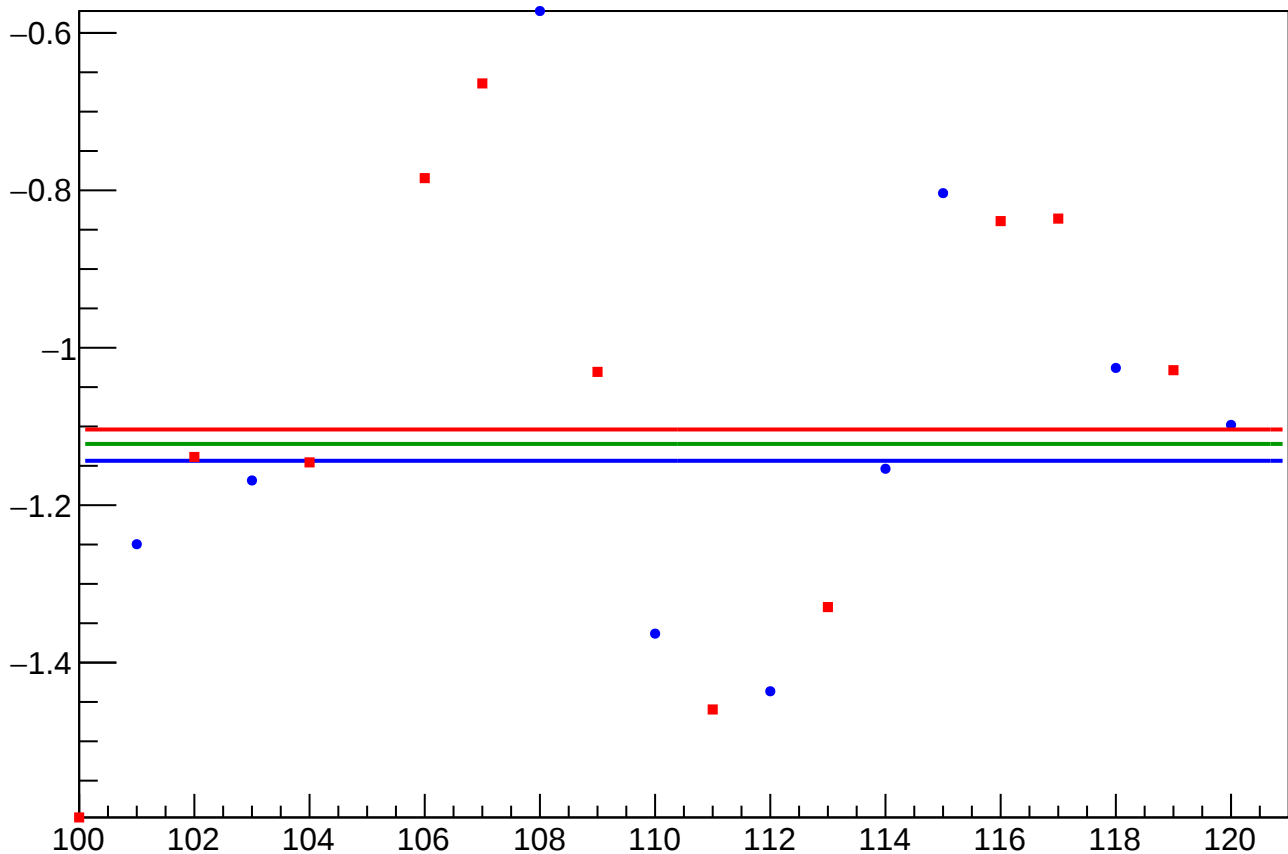
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.013 ± 0.000 $\chi^2/\text{NDF}: 17146.9/8$

0.013 ± 0.000 $\chi^2/\text{NDF}: 49218.1/20$

0.012 ± 0.000 $\chi^2/\text{NDF}: 29562.1/11$

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.144+/-0.000 χ^2/NDF : 2238529930.7/8

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

Right Out: -1.104+/-0.000 χ^2/NDF : 2082785836.2/11

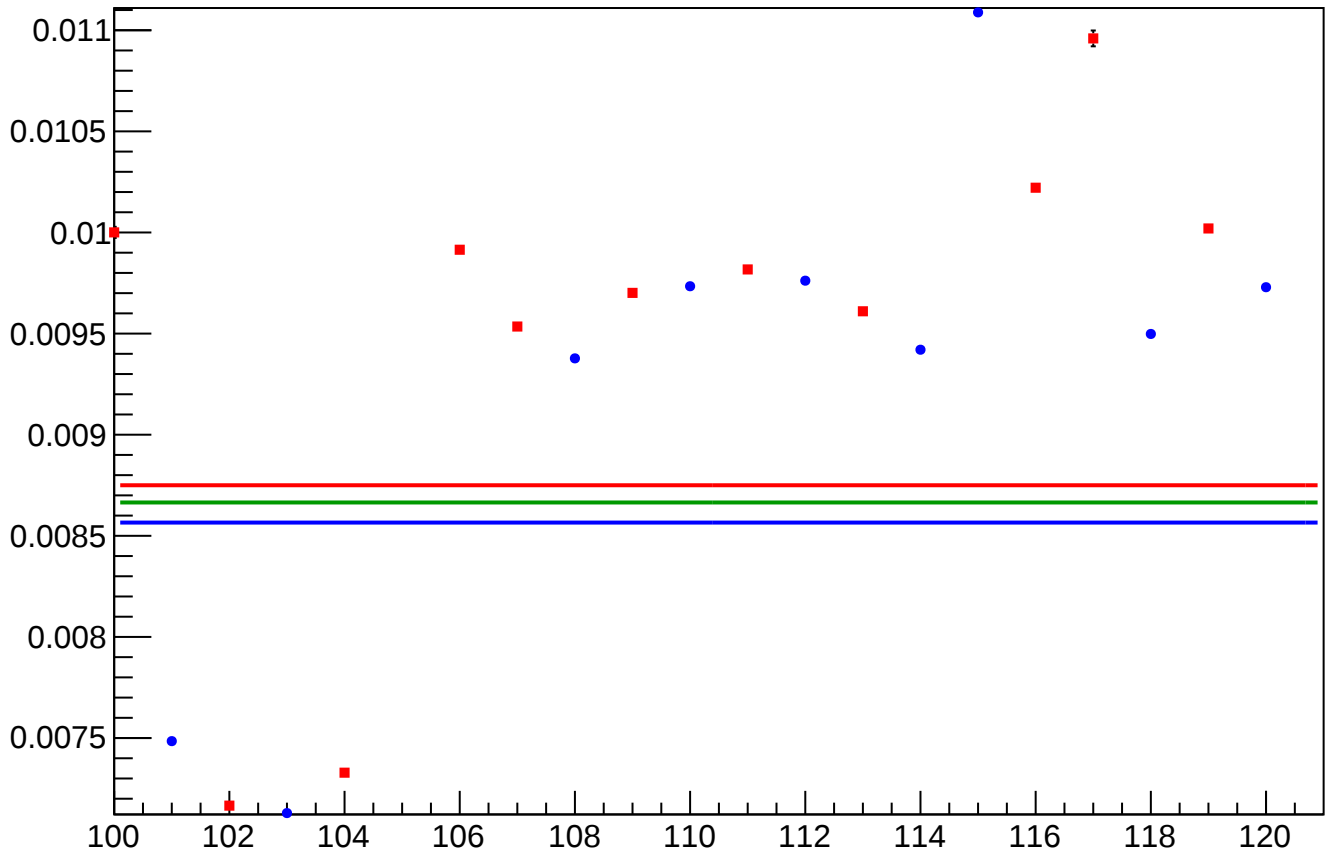
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.144+/-0.000 χ^2/NDF : 2238529930.7/8

-1.122+/-0.000 χ^2/NDF : 4358924916.9/20

-1.104+/-0.000 χ^2/NDF : 2082785836.2/11

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 130051.6/8

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

Right Out: 0.009+/-0.000 χ^2/NDF : 152058.1/11

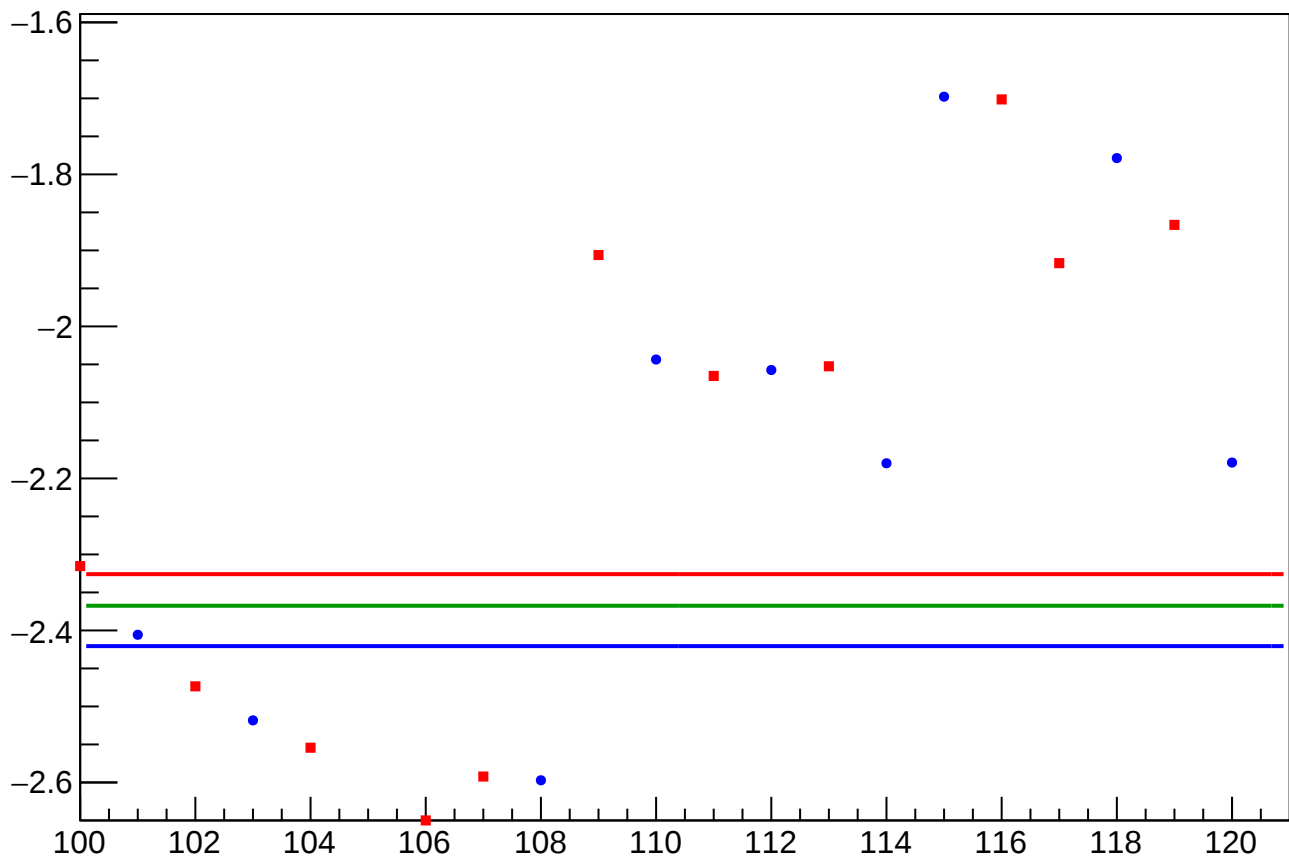
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 130051.6/8

0.009+/-0.000 χ^2/NDF : 283728.3/20

0.009+/-0.000 χ^2/NDF : 152058.1/11

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.421+/-0.000 χ^2/NDF : 1721716889.4/8

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

Right Out: -2.326+/-0.000 χ^2/NDF : 7149594518.1/11

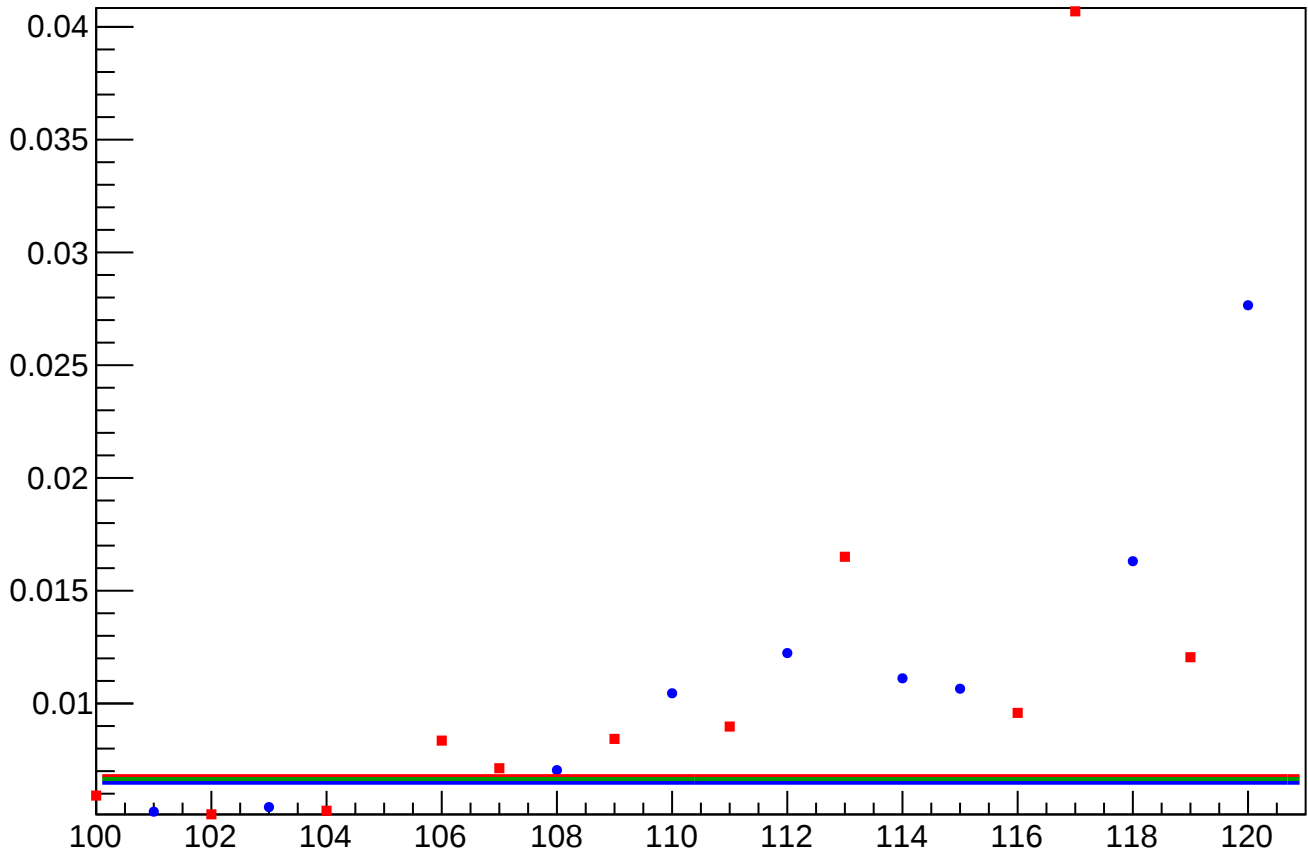
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.421+/-0.000 χ^2/NDF : 1721716889.4/8

-2.368+/-0.000 χ^2/NDF : 9142656795.8/20

-2.326+/-0.000 χ^2/NDF : 7149594518.1/11

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 875111.1/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 712608.8/11

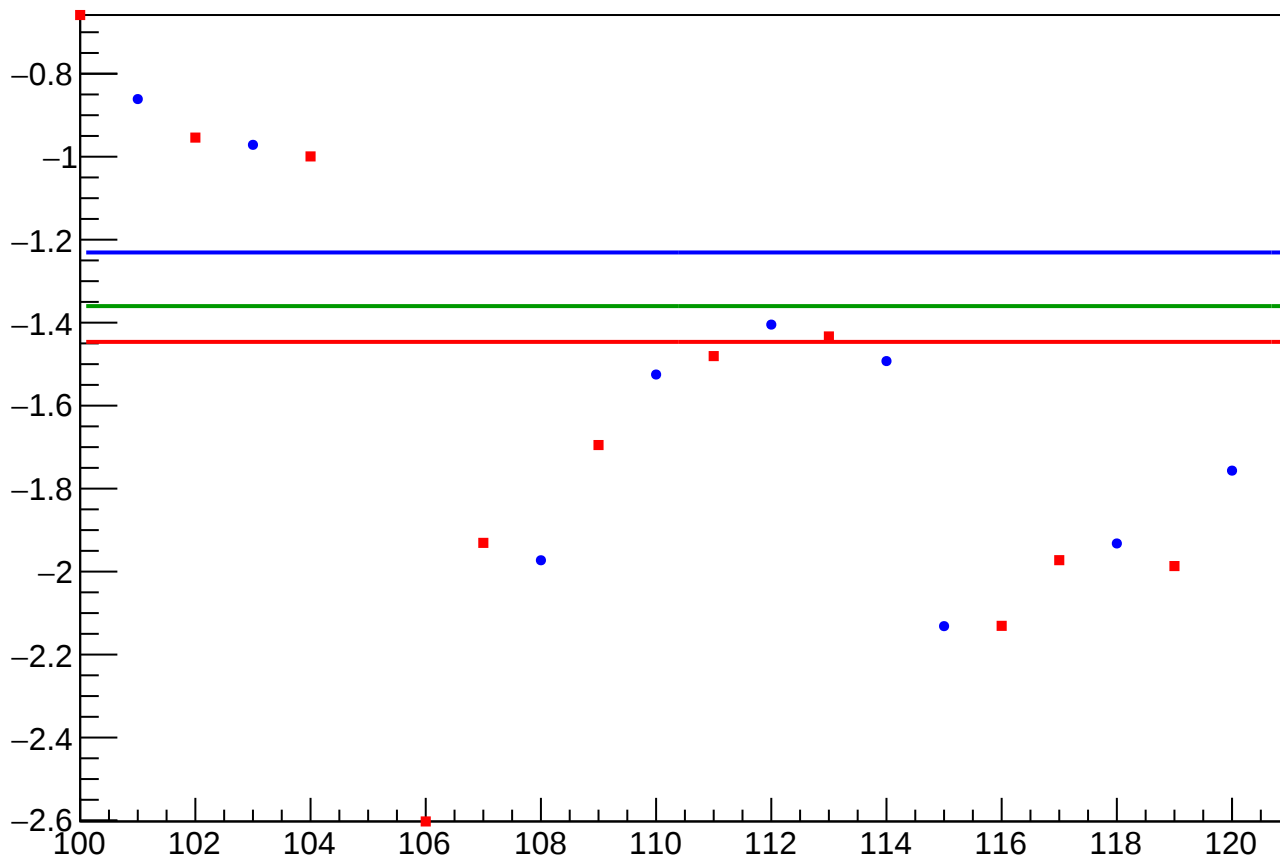
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 875111.1/8

0.007+/-0.000 χ^2/NDF : 1592939.2/20

0.007+/-0.000 χ^2/NDF : 712608.8/11

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.231+/-0.000 χ^2 /NDF: 11697010719.8/8

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

Right Out: -1.446+/-0.000 χ^2 /NDF: 22940583651.5/11

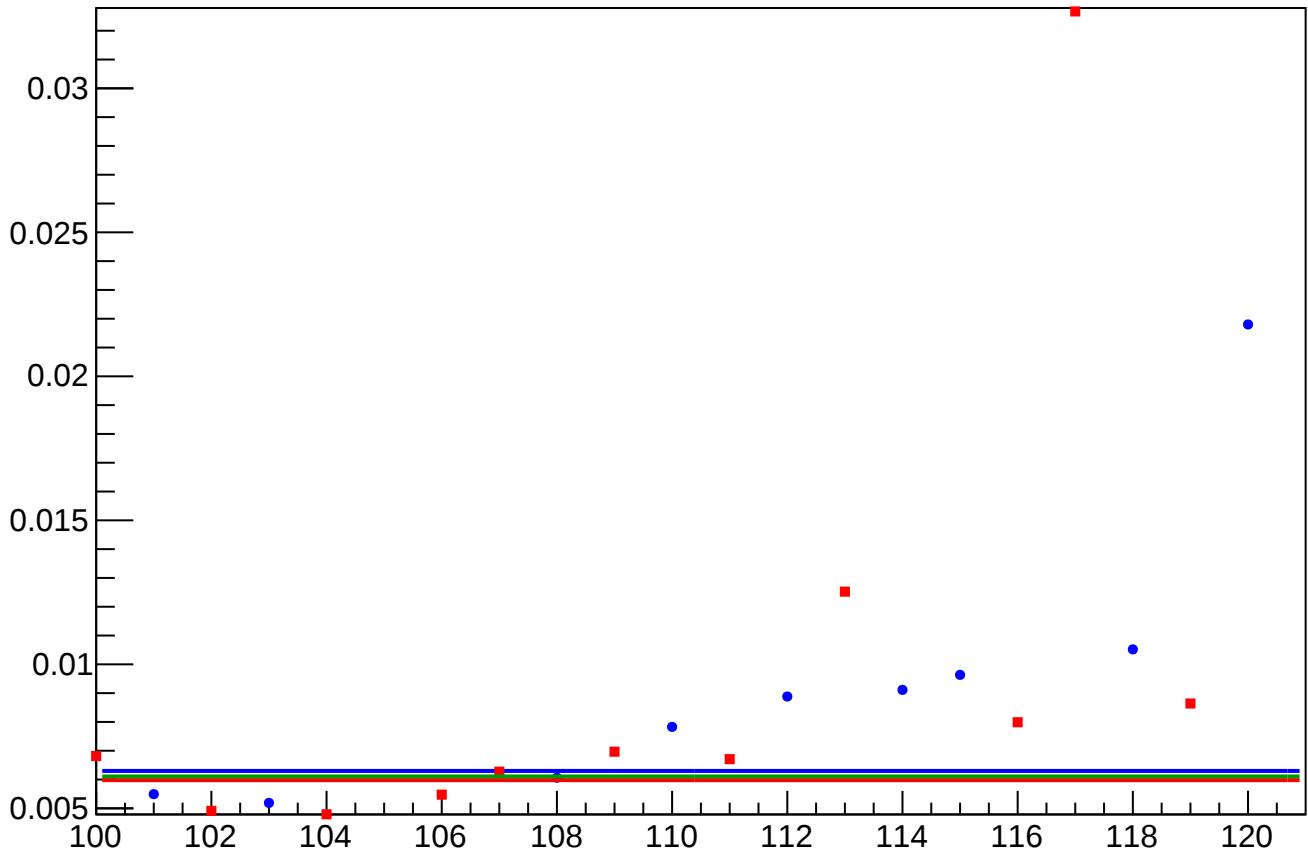
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.231+/-0.000 χ^2 /NDF: 11697010719.8/8

-1.360+/-0.000 χ^2 /NDF: 36340063545.8/8

-1.446+/-0.000 χ^2 /NDF: 22940583651.5/11

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 518246.6/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 394821.5/11

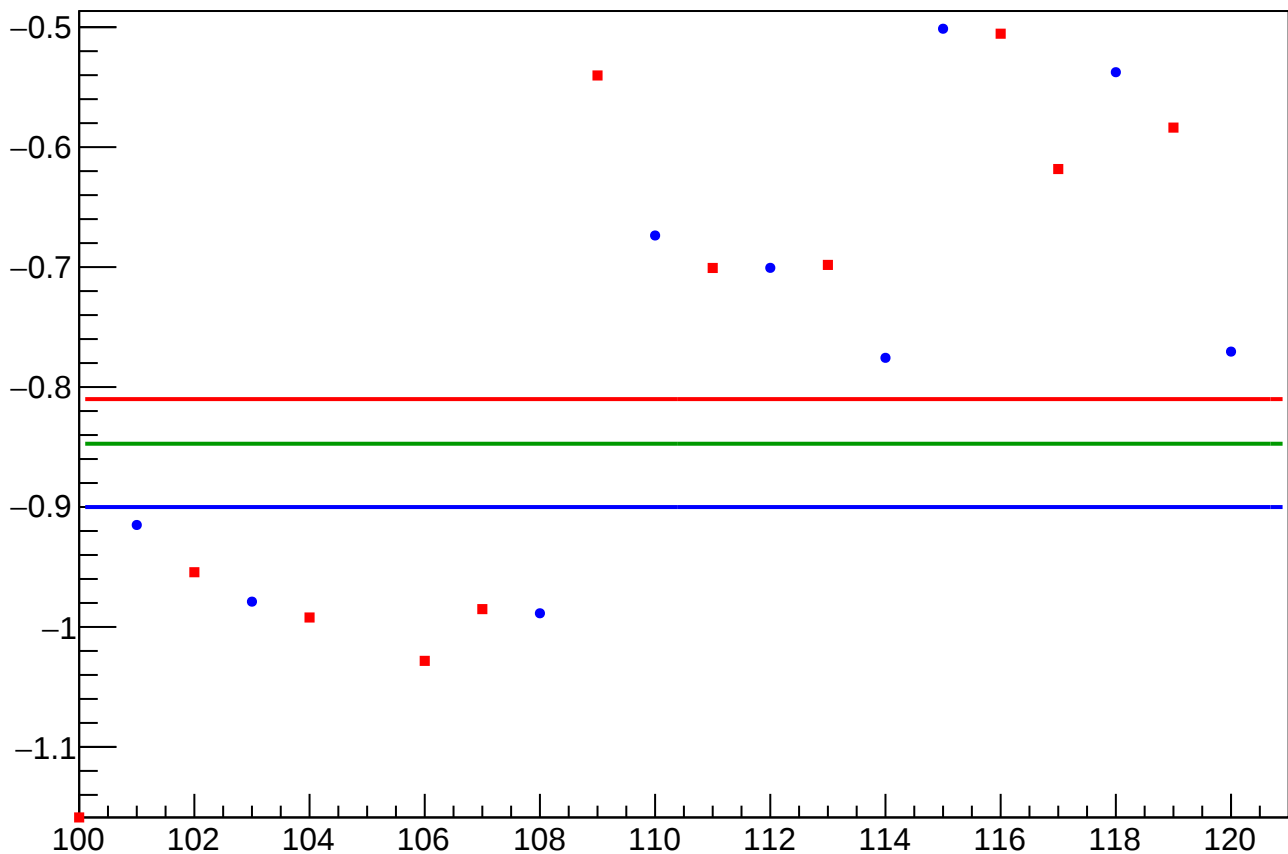
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 518246.6/8

0.006+/-0.000 χ^2/NDF : 920597.5/20

0.006+/-0.000 χ^2/NDF : 394821.5/11

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.900+/-0.000 χ^2/NDF : 1417387487.5/8

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

Right Out: -0.810+/-0.000 χ^2/NDF : 6054722811.5/11

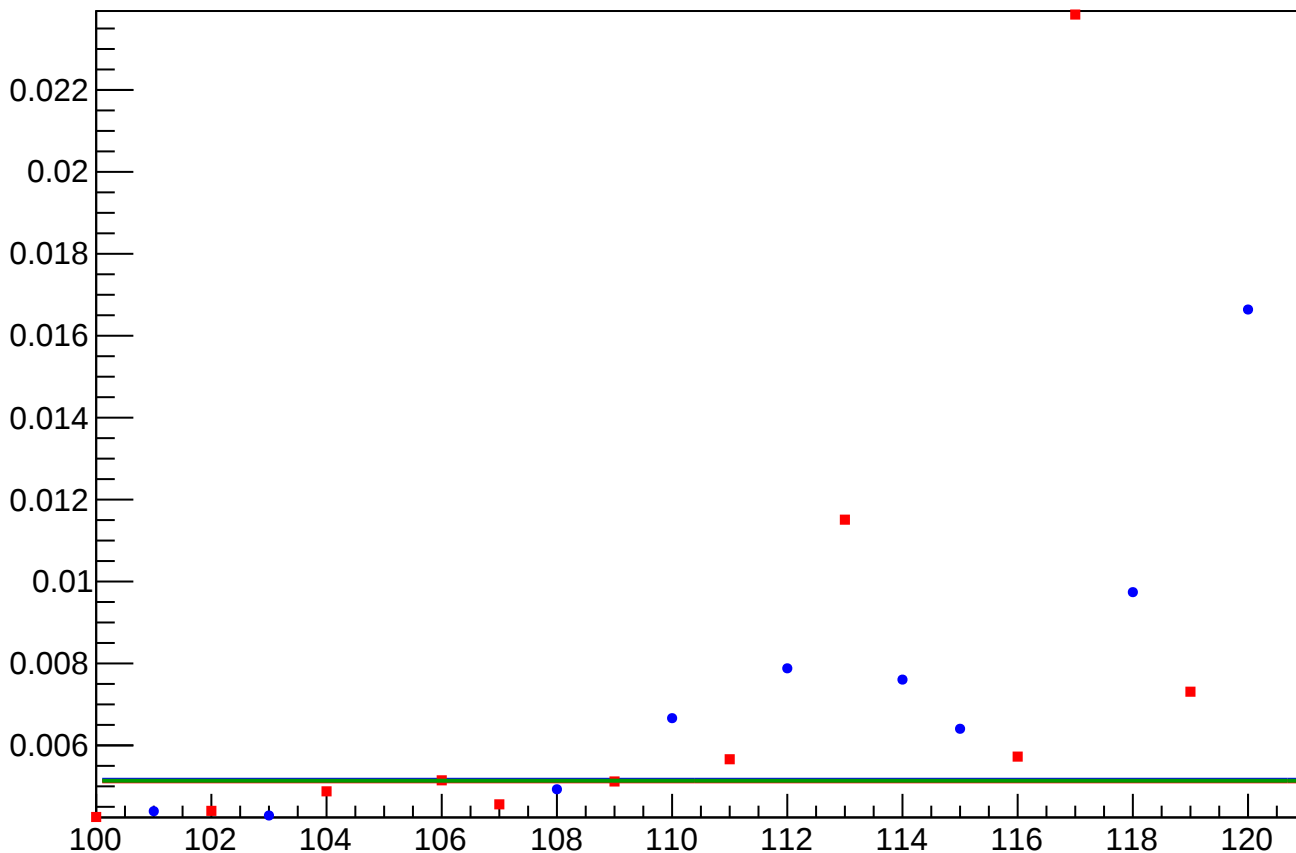
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.900+/-0.000 χ^2/NDF : 1417387487.5/8

-0.847+/-0.000 χ^2/NDF : 7906103286.4/20

-0.810+/-0.000 χ^2/NDF : 6054722811.5/11

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 582184.2/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 332709.8/11

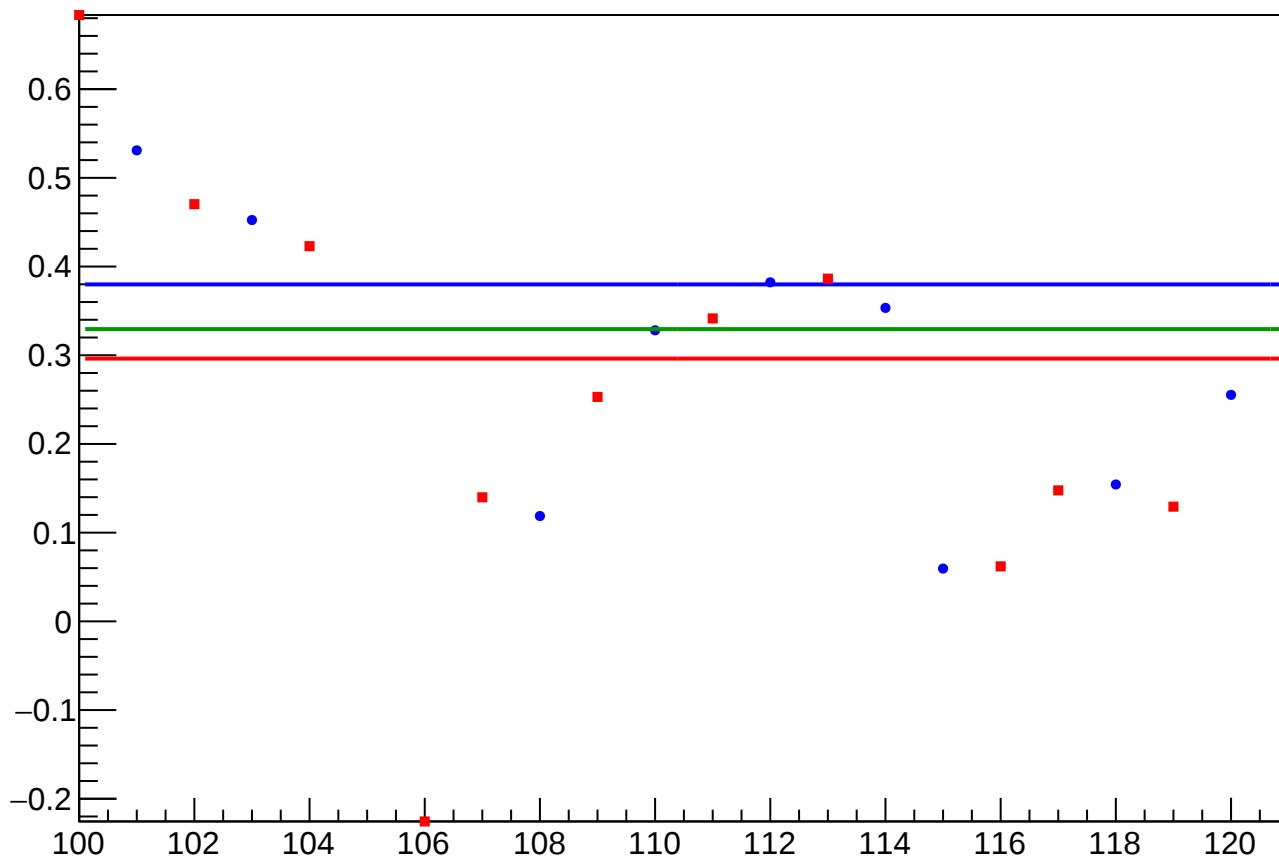
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 582184.2/8

0.005+/-0.000 χ^2/NDF : 915047.4/20

0.005+/-0.000 χ^2/NDF : 332709.8/11

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.380+/-0.000 χ^2/NDF : 3436773276.3/8

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

Right Out: 0.296+/-0.000 χ^2/NDF : 6827501205.3/11

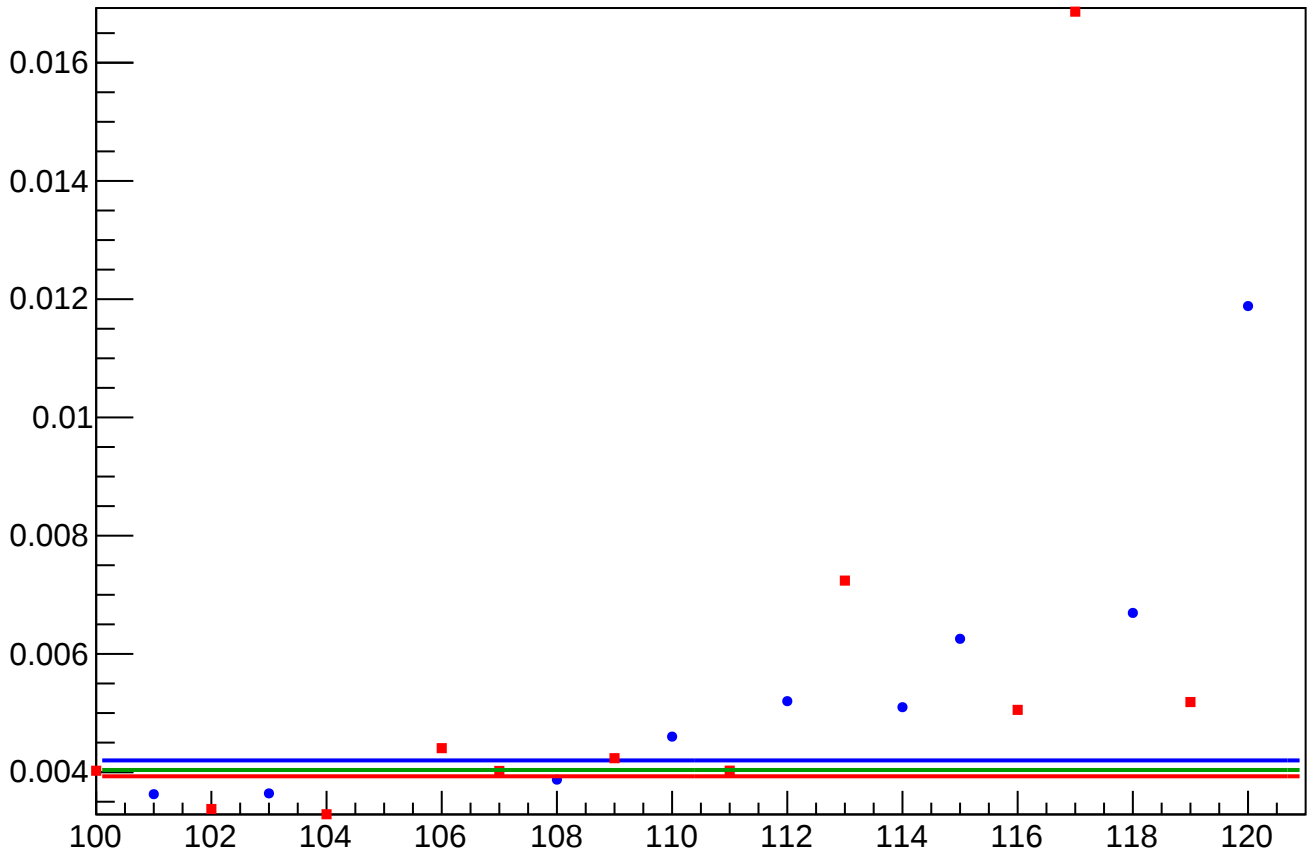
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.380+/-0.000 χ^2/NDF : 3436773276.3/8

0.329+/-0.000 χ^2/NDF : 10881199101.2/2

0.296+/-0.000 χ^2/NDF : 6827501205.3/11

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004 +/- 0.000 χ^2/NDF : 420215.2/8

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

Right Out: 0.004 +/- 0.000 χ^2/NDF : 278708.0/11

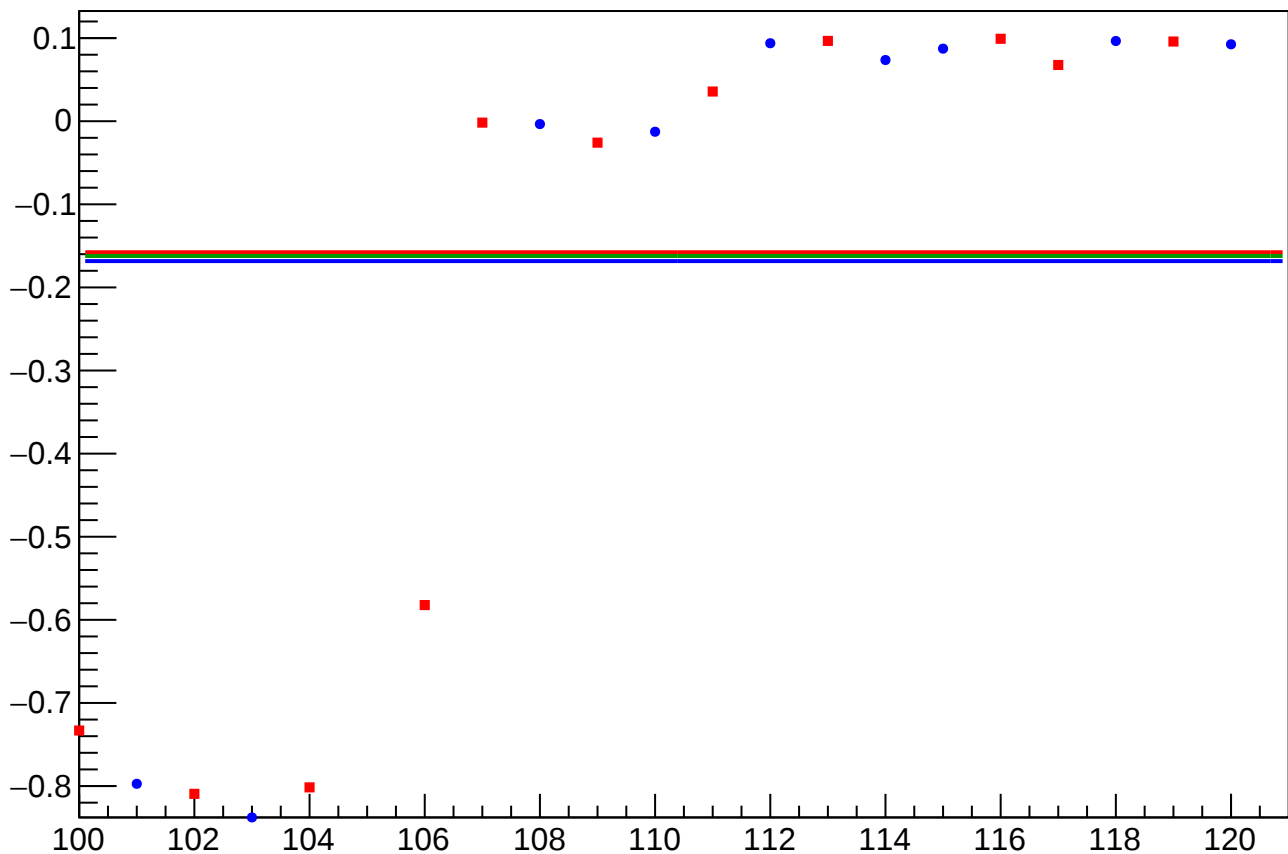
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.004 +/- 0.000 χ^2/NDF : 420215.2/8

0.004 +/- 0.000 χ^2/NDF : 711644.5/20

0.004 +/- 0.000 χ^2/NDF : 278708.0/11

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000 χ^2/NDF : 4424421753.9/8

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

Right Out: -0.158+/-0.000 χ^2/NDF : 5104623692.6/11

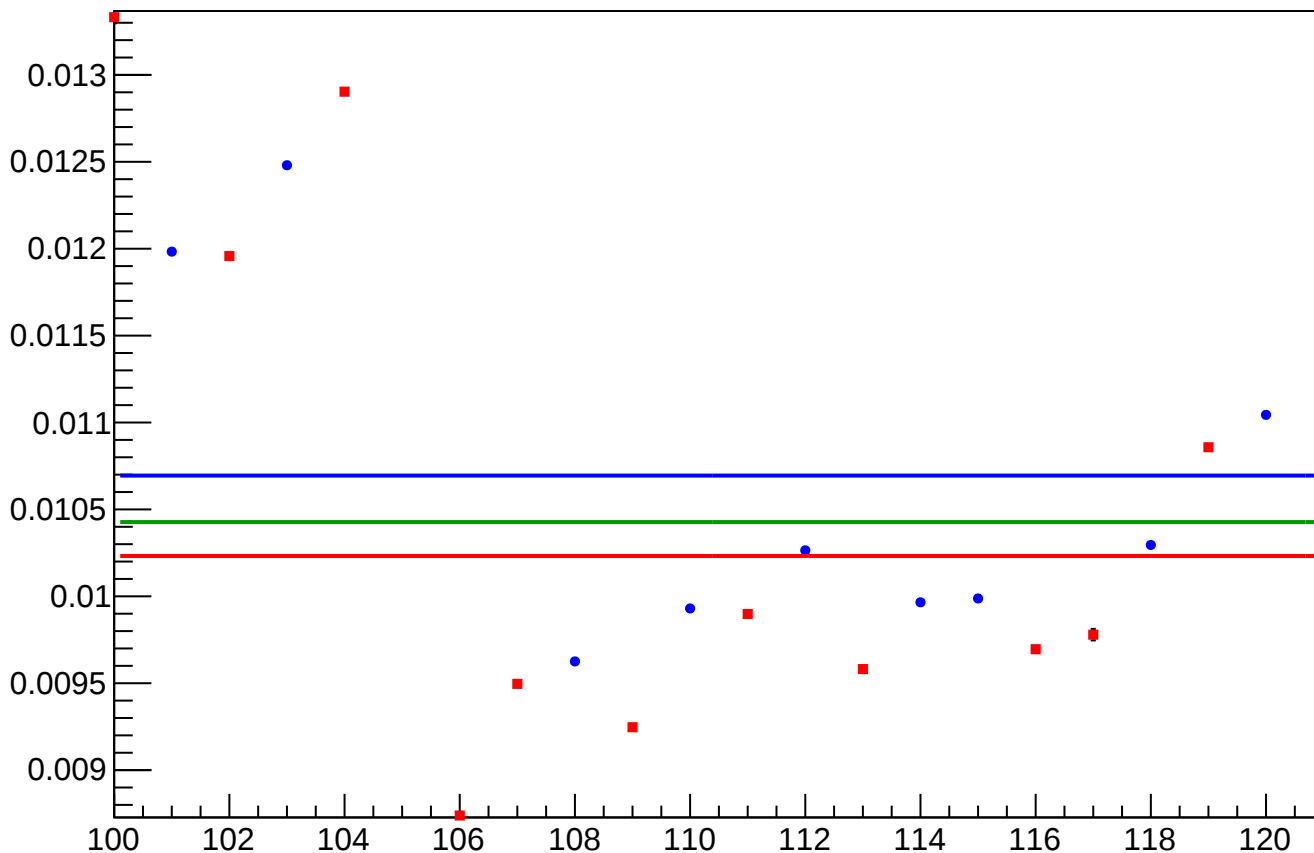
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.168+/-0.000 χ^2/NDF : 4424421753.9/8

-0.162+/-0.000 χ^2/NDF : 9530994153.2/20

-0.158+/-0.000 χ^2/NDF : 5104623692.6/11

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 56566.5/8

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

Right Out: 0.010+/-0.000 χ^2/NDF : 120674.8/11

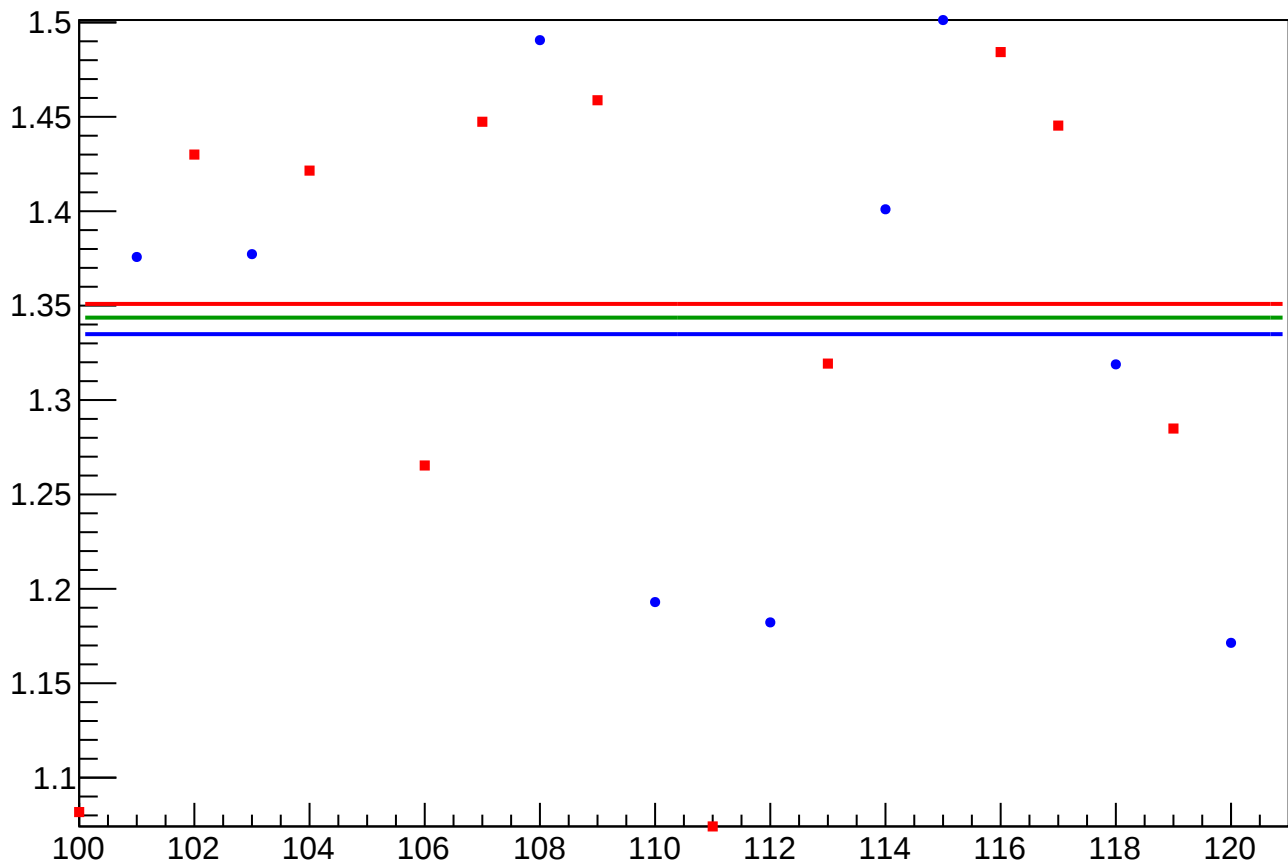
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 56566.5/8

0.010+/-0.000 χ^2/NDF : 184617.1/20

0.010+/-0.000 χ^2/NDF : 120674.8/11

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.335 ± 0.000 $\chi^2/\text{NDF}: 722420516.2/8$

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

Right Out: 1.351 ± 0.000 $\chi^2/\text{NDF}: 1265628933.0/11$

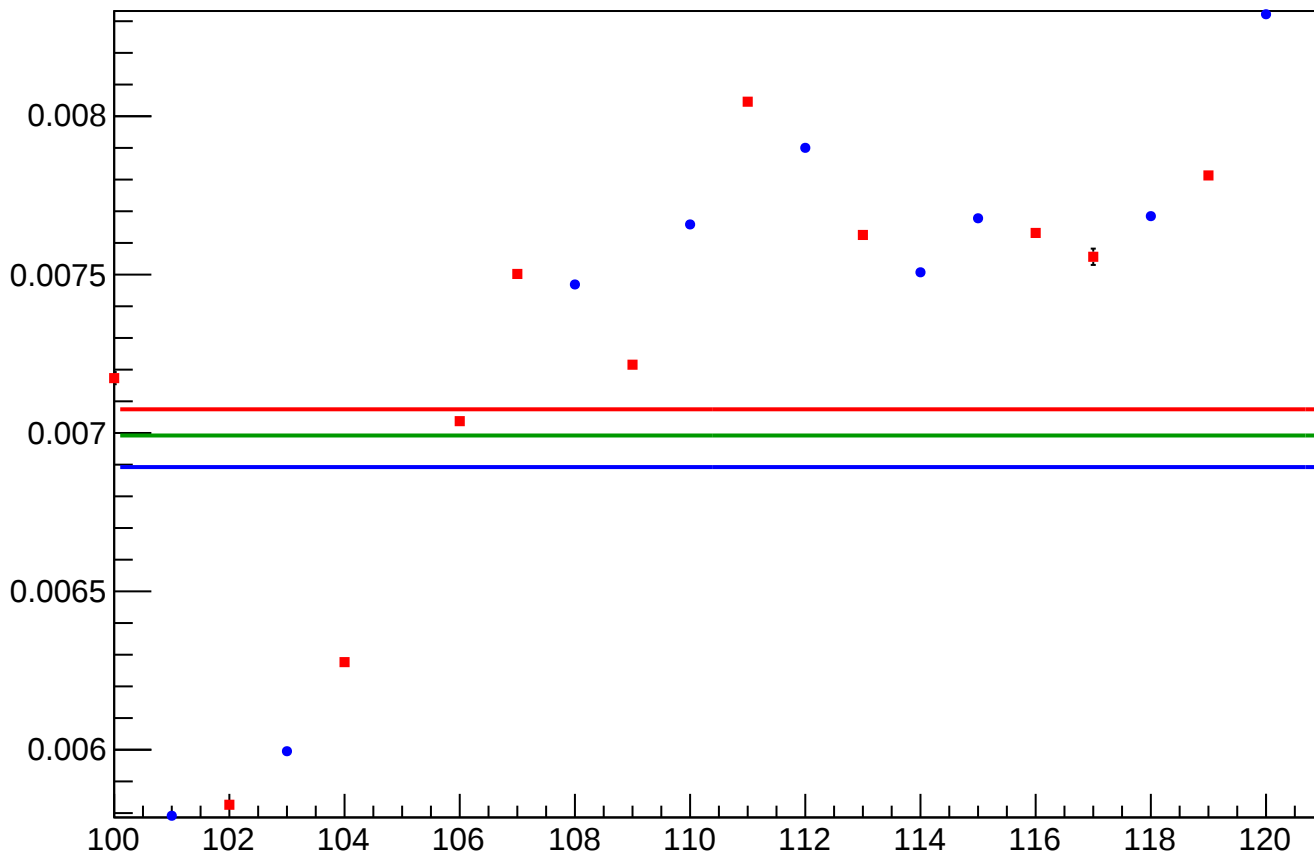
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1.335 ± 0.000 $\chi^2/\text{NDF}: 722420516.2/8$

1.344 ± 0.000 $\chi^2/\text{NDF}: 1997978048.0/20$

1.351 ± 0.000 $\chi^2/\text{NDF}: 1265628933.0/11$

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 128549.1/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 110315.2/11

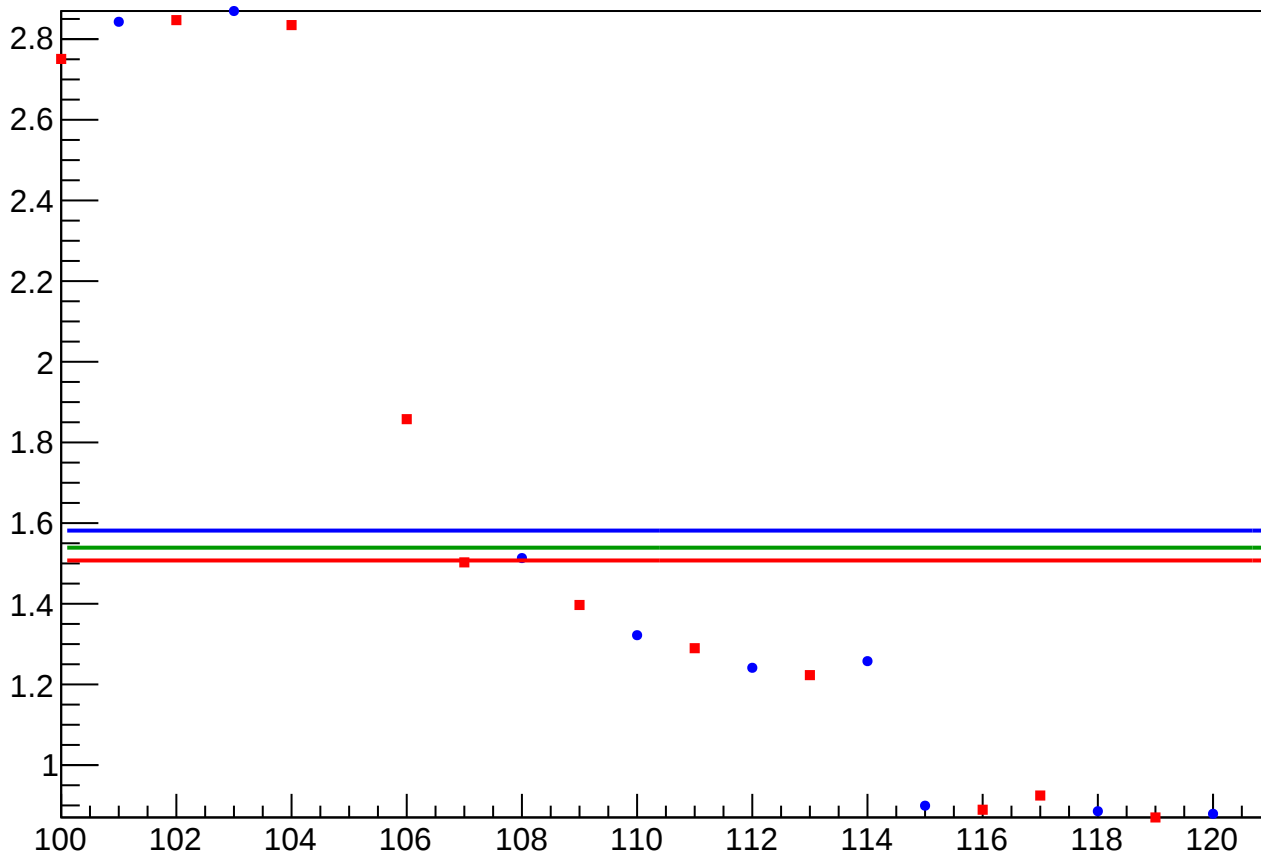
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 128549.1/8

0.007+/-0.000 χ^2/NDF : 241441.1/20

0.007+/-0.000 χ^2/NDF : 110315.2/11

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.581+/-0.000 χ^2/NDF : 40447632730.9/8

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

Right Out: 1.507+/-0.000 χ^2/NDF : 40126593188.0/11

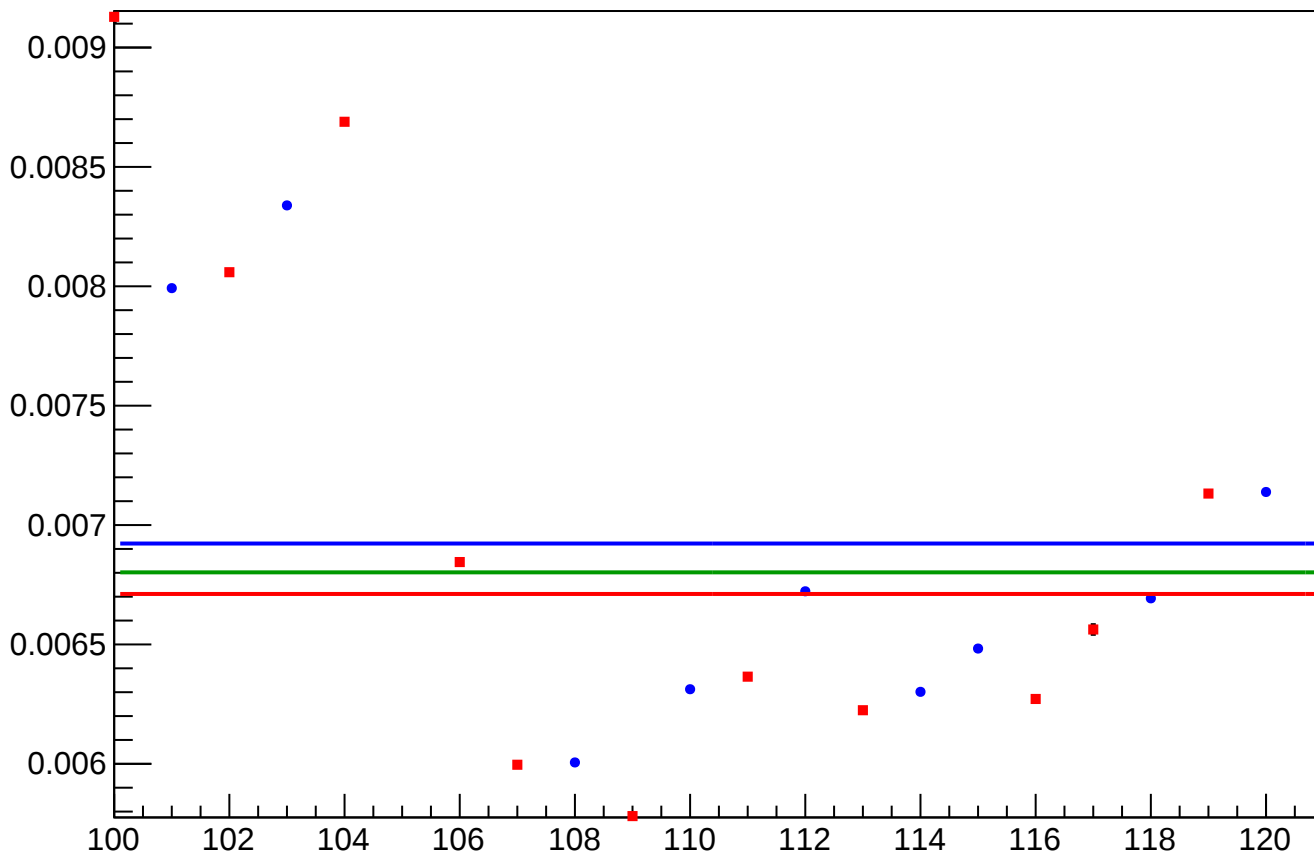
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.581+/-0.000 χ^2/NDF : 40447632730.9/8

1.539+/-0.000 χ^2/NDF : 80796777626.0/2

1.507+/-0.000 χ^2/NDF : 40126593188.0/11

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 83761.8/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 143725.1/11

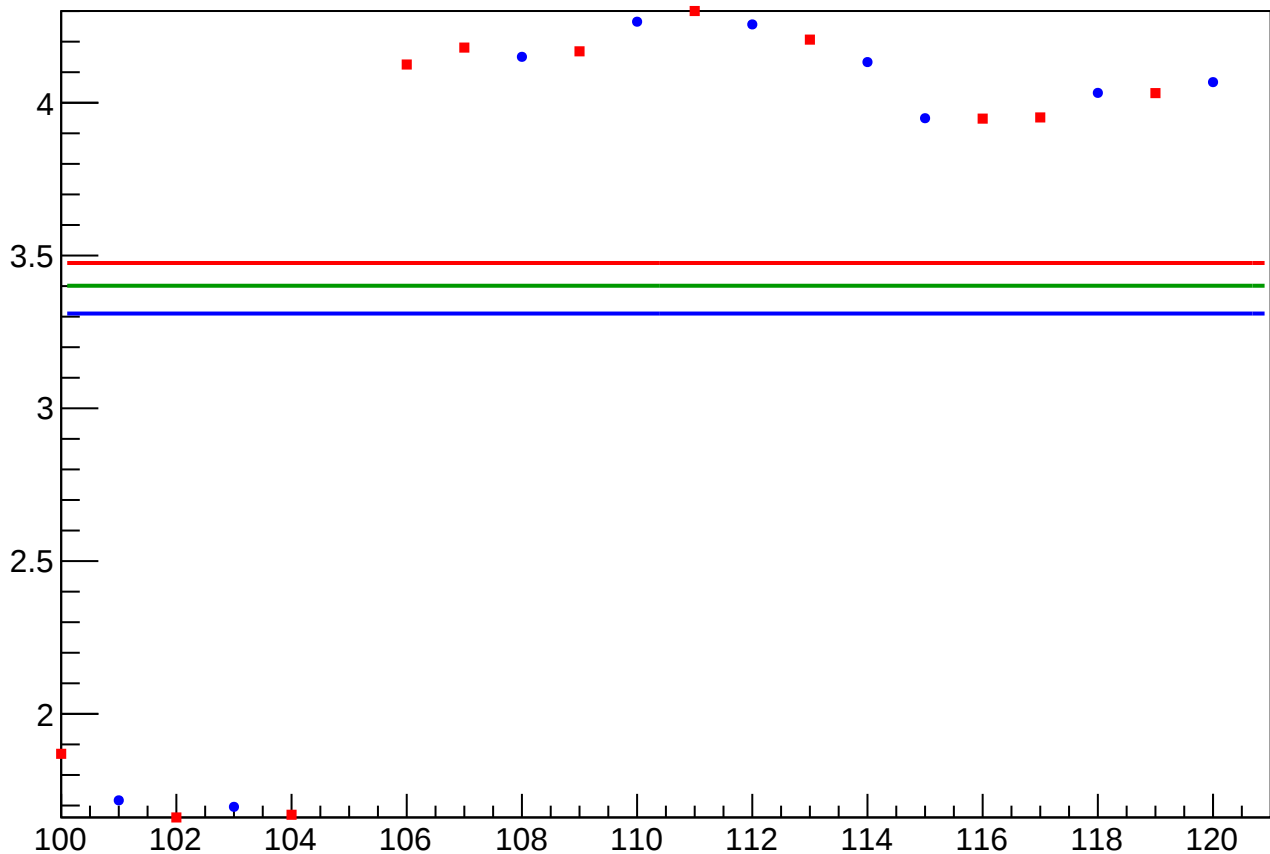
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 83761.8/8

0.007+/-0.000 χ^2/NDF : 231102.1/20

0.007+/-0.000 χ^2/NDF : 143725.1/11

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.310+/-0.000 χ^2/NDF : 161927339910.8/8

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

3.310+/-0.000 χ^2/NDF : 161927339910.8/8

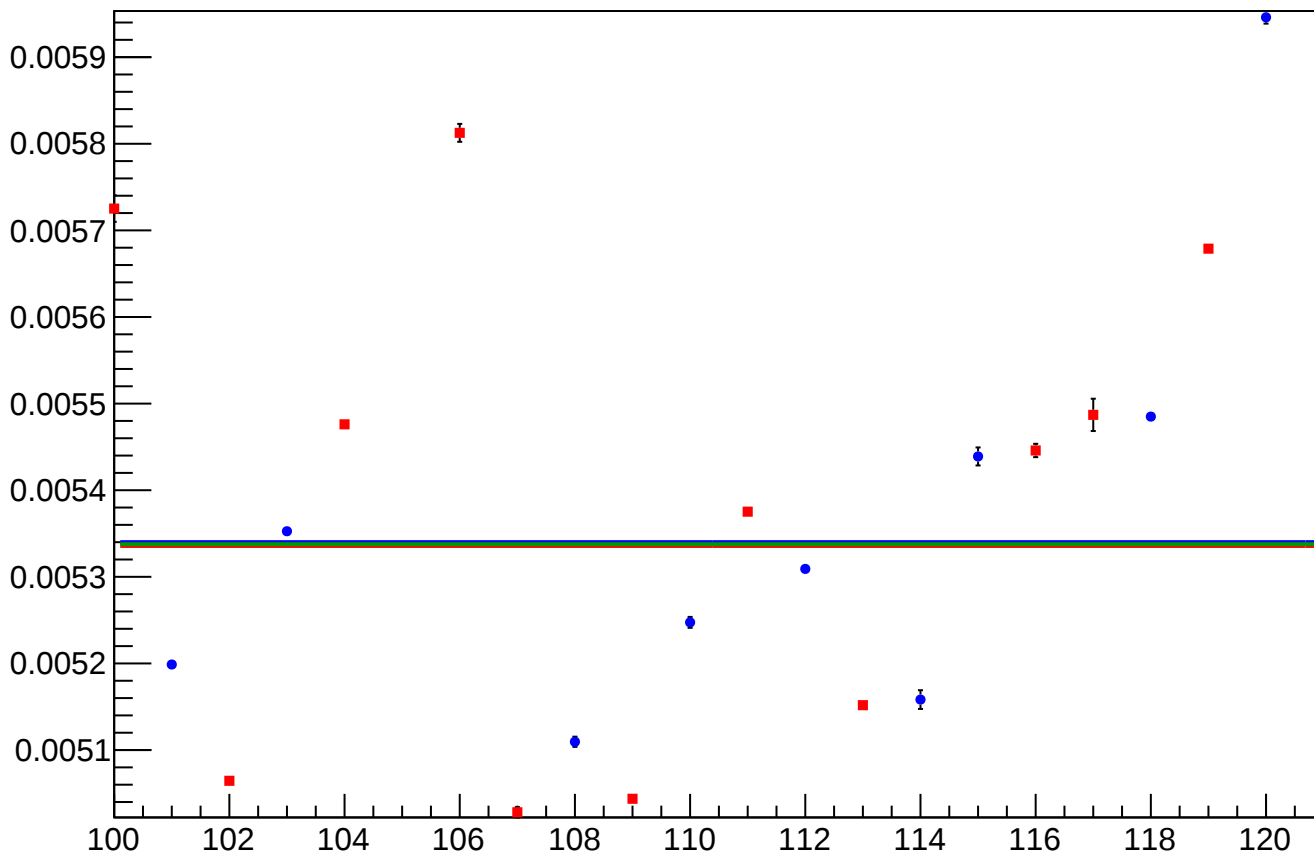
3.401+/-0.000 χ^2/NDF : 340998620144.1/11

Right Out: 3.476+/-0.000 χ^2/NDF : 177257462752.8/11

3.476+/-0.000 χ^2/NDF : 177257462752.8/11

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

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 10646.7/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 25892.1/11

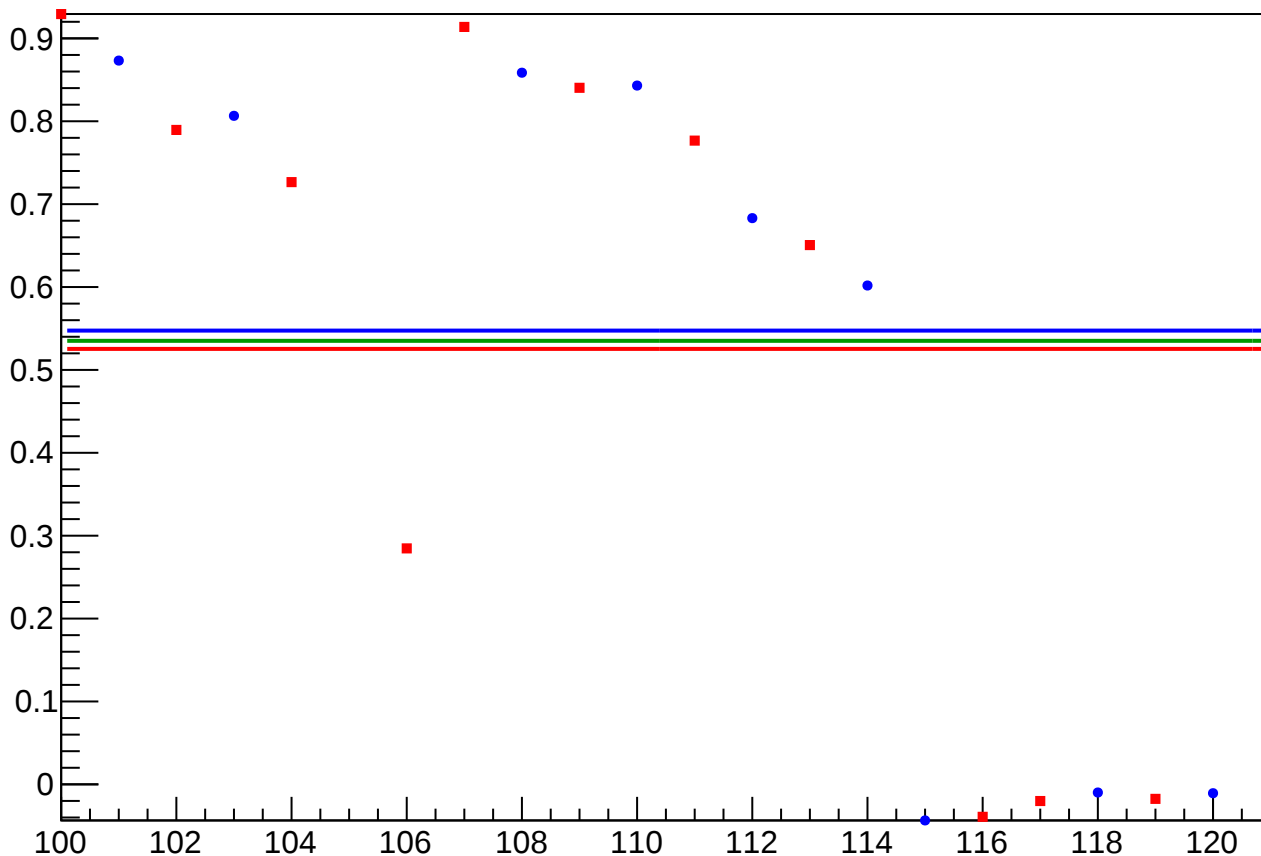
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 10646.7/8

0.005+/-0.000 χ^2/NDF : 36541.4/20

0.005+/-0.000 χ^2/NDF : 25892.1/11

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.547+/-0.000 χ^2/NDF : 2455556099.8/8

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

Right Out: 0.525+/-0.000 χ^2/NDF : 2987662527.5/11

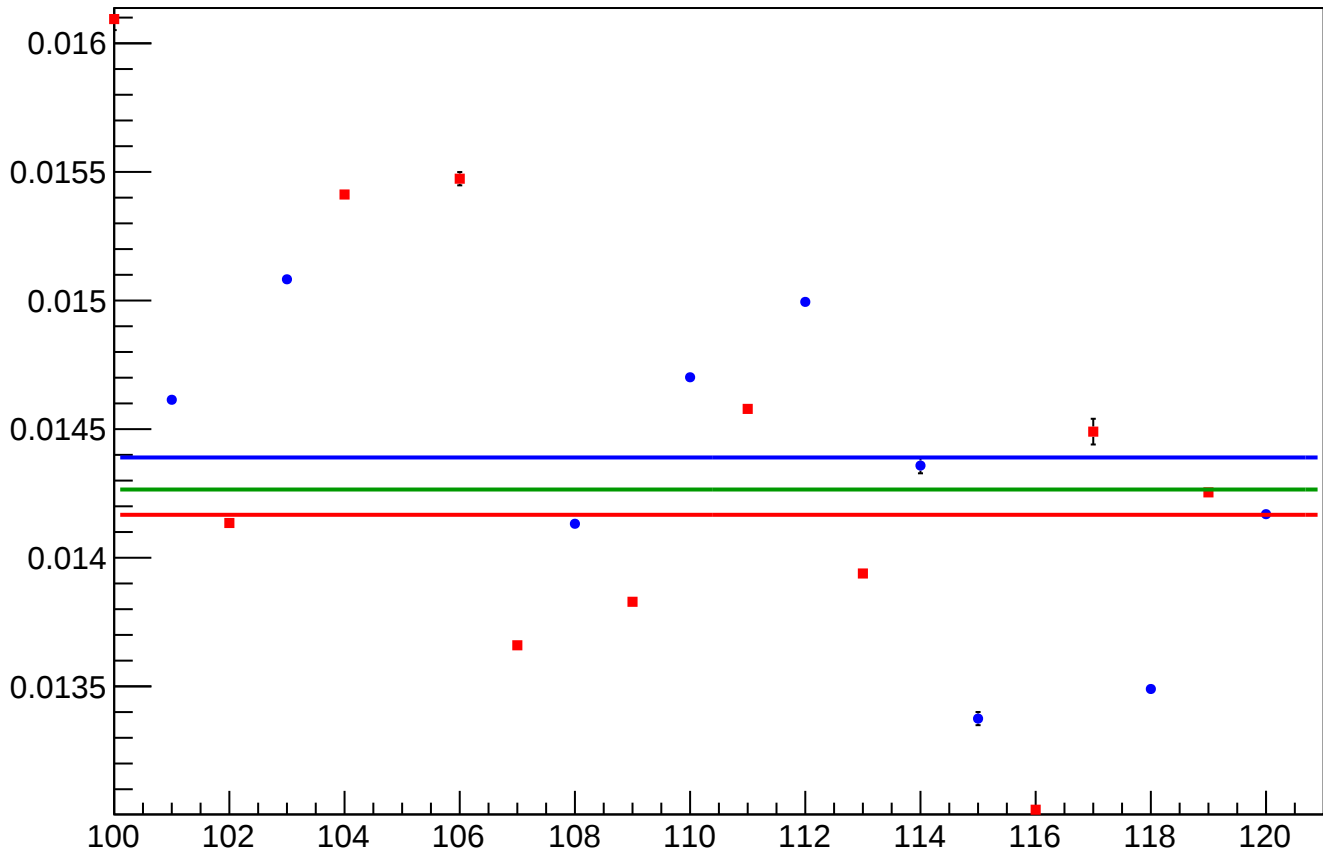
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.547+/-0.000 χ^2/NDF : 2455556099.8/8

0.535+/-0.000 χ^2/NDF : 5447727489.8/20

0.525+/-0.000 χ^2/NDF : 2987662527.5/11

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 10968.9/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 18419.0/11

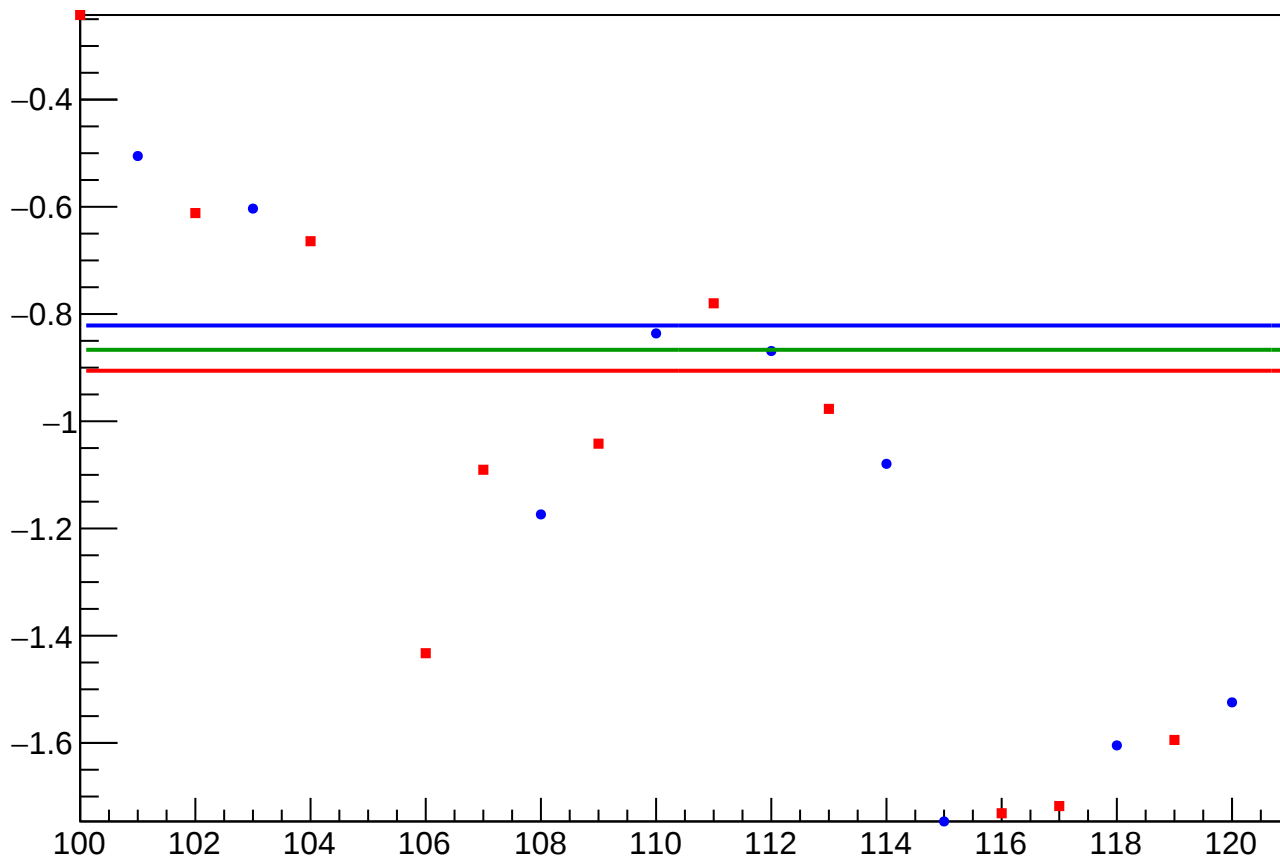
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 10968.9/8

0.014+/-0.000 χ^2/NDF : 30306.4/20

0.014+/-0.000 χ^2/NDF : 18419.0/11

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.821+/-0.000 χ^2/NDF : 18071719785.4/8

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

Right Out: -0.906+/-0.000 χ^2/NDF : 20091598004.6/11

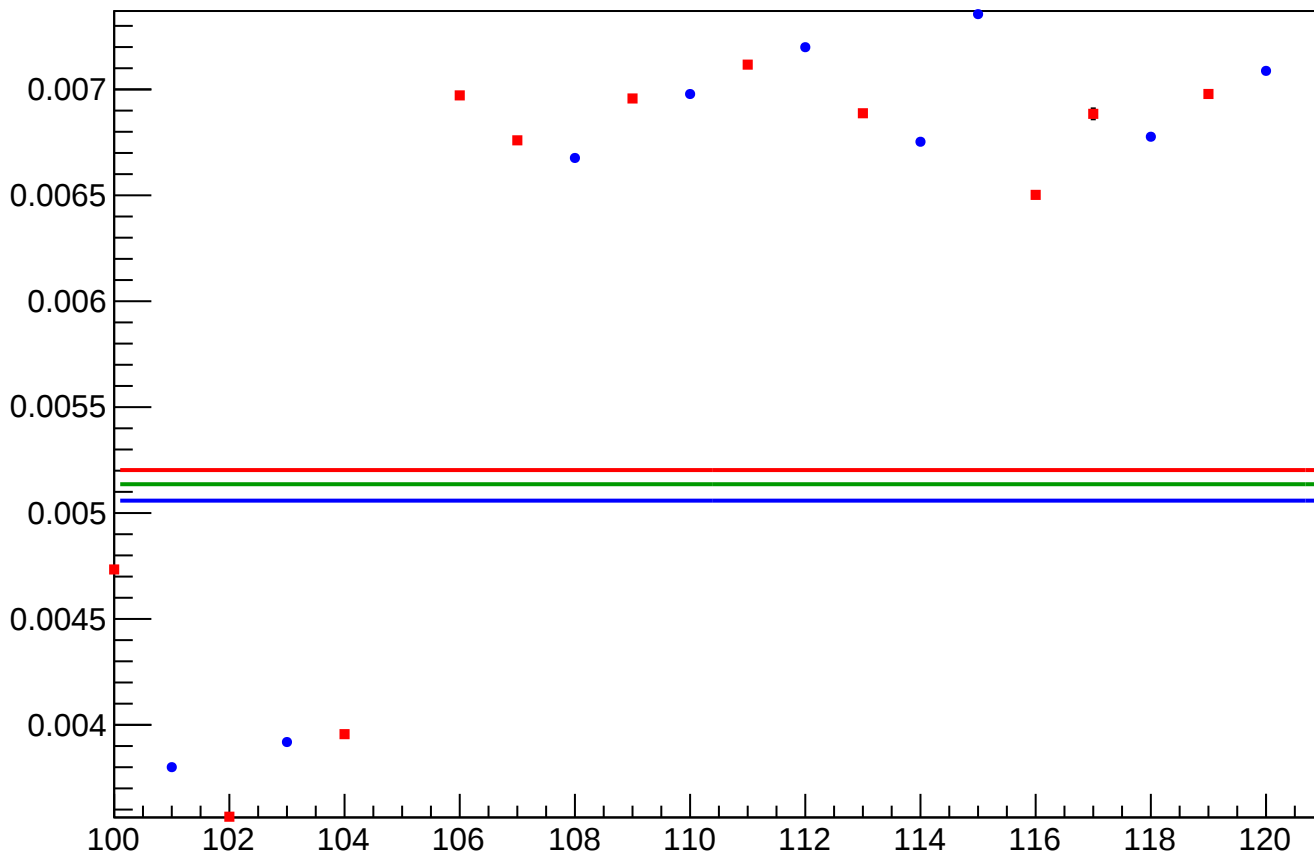
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.821+/-0.000 χ^2/NDF : 18071719785.4/8

-0.867+/-0.000 χ^2/NDF : 38603799787.3/8

-0.906+/-0.000 χ^2/NDF : 20091598004.6/11

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 525656.7/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 666510.8/11

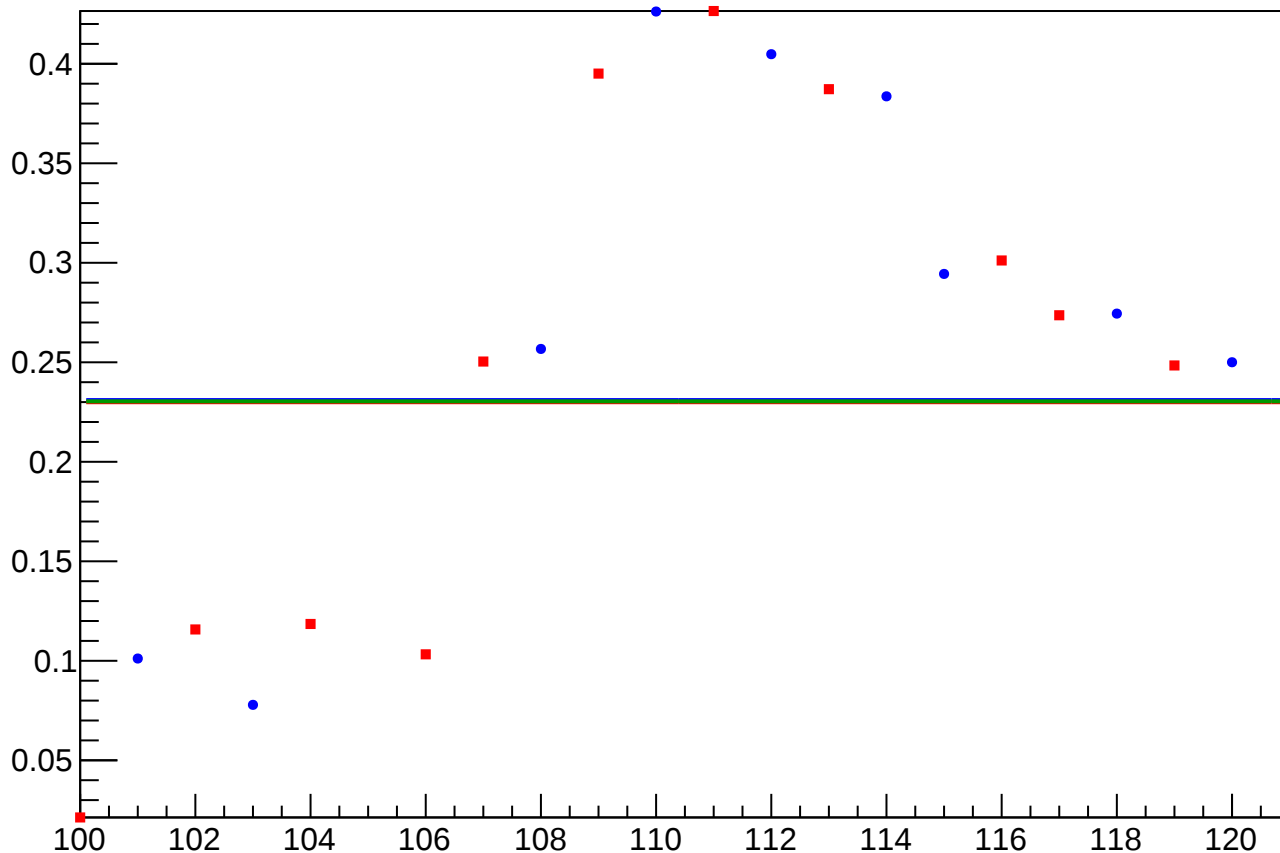
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 525656.7/8

0.005+/-0.000 χ^2/NDF : 1194744.8/20

0.005+/-0.000 χ^2/NDF : 666510.8/11

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.231+/-0.000 χ^2/NDF : 17883033262.9/8

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

Right Out: 0.230+/-0.000 χ^2/NDF : 23563435728.4/11

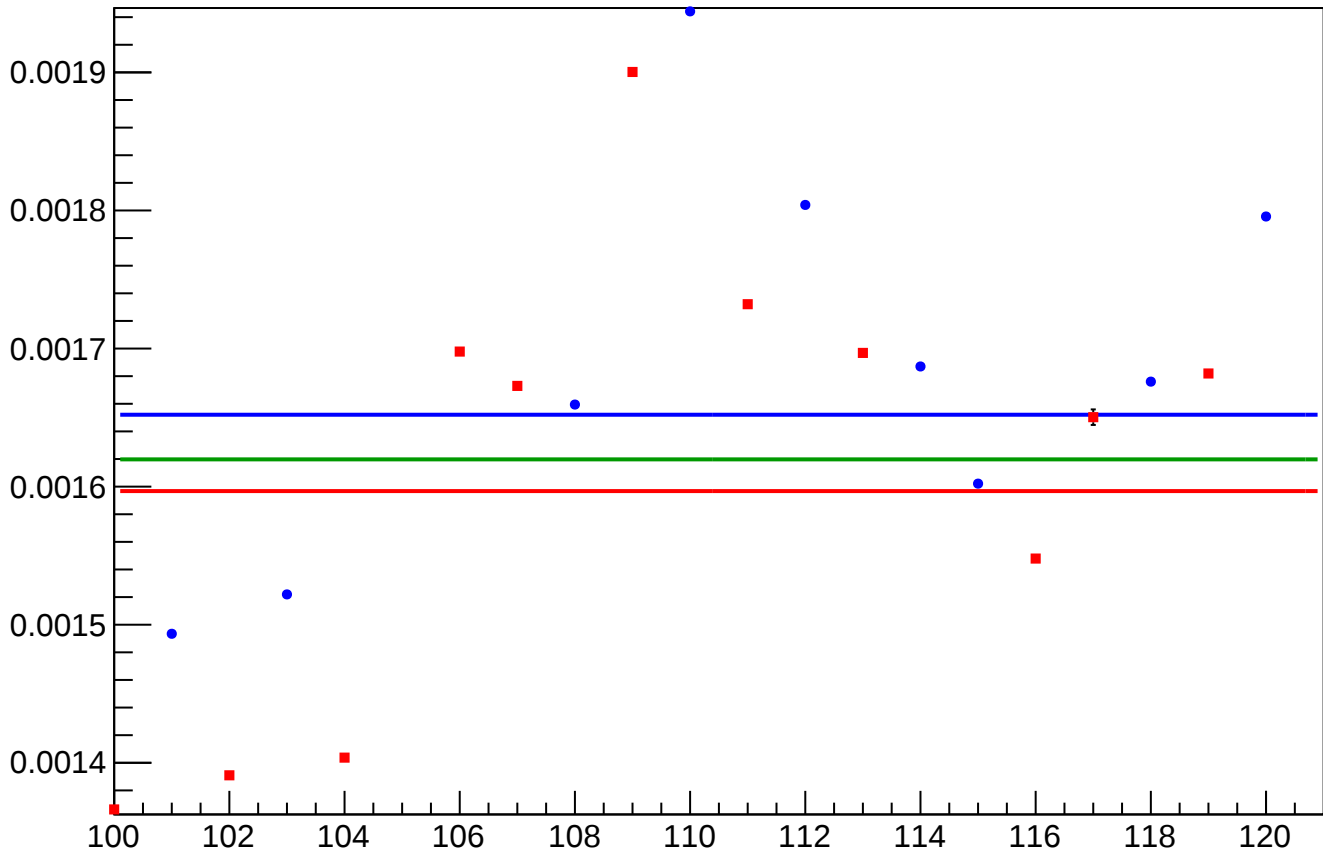
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.231+/-0.000 χ^2/NDF : 17883033262.9/8

0.230+/-0.000 χ^2/NDF : 41447263615.0/2

0.230+/-0.000 χ^2/NDF : 23563435728.4/11

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 44100.2/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 85687.4/11

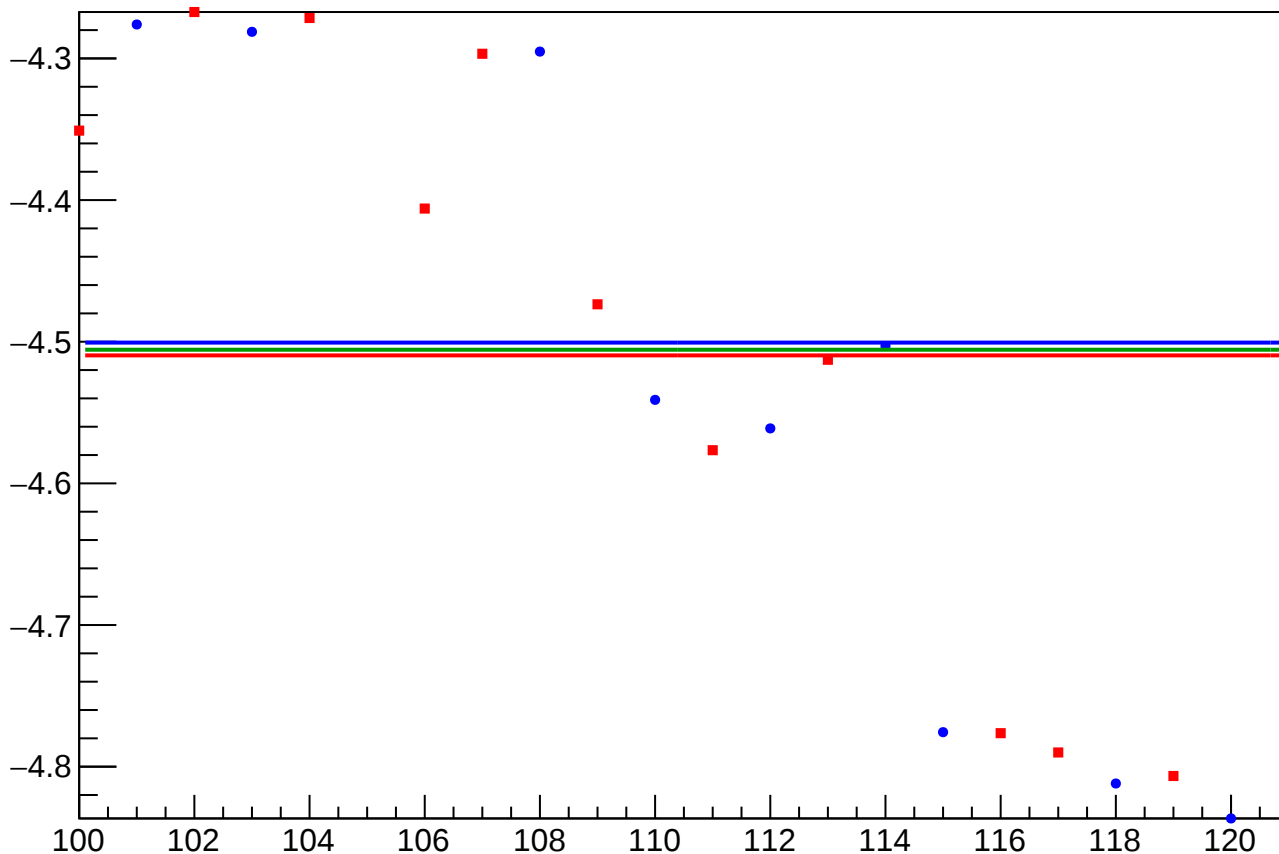
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 44100.2/8

0.002+/-0.000 χ^2/NDF : 133960.5/20

0.002+/-0.000 χ^2/NDF : 85687.4/11

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.501+/-0.000 χ^2/NDF : 47876280806.0/8

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

-4.501+/-0.000 χ^2/NDF : 47876280806.0/8

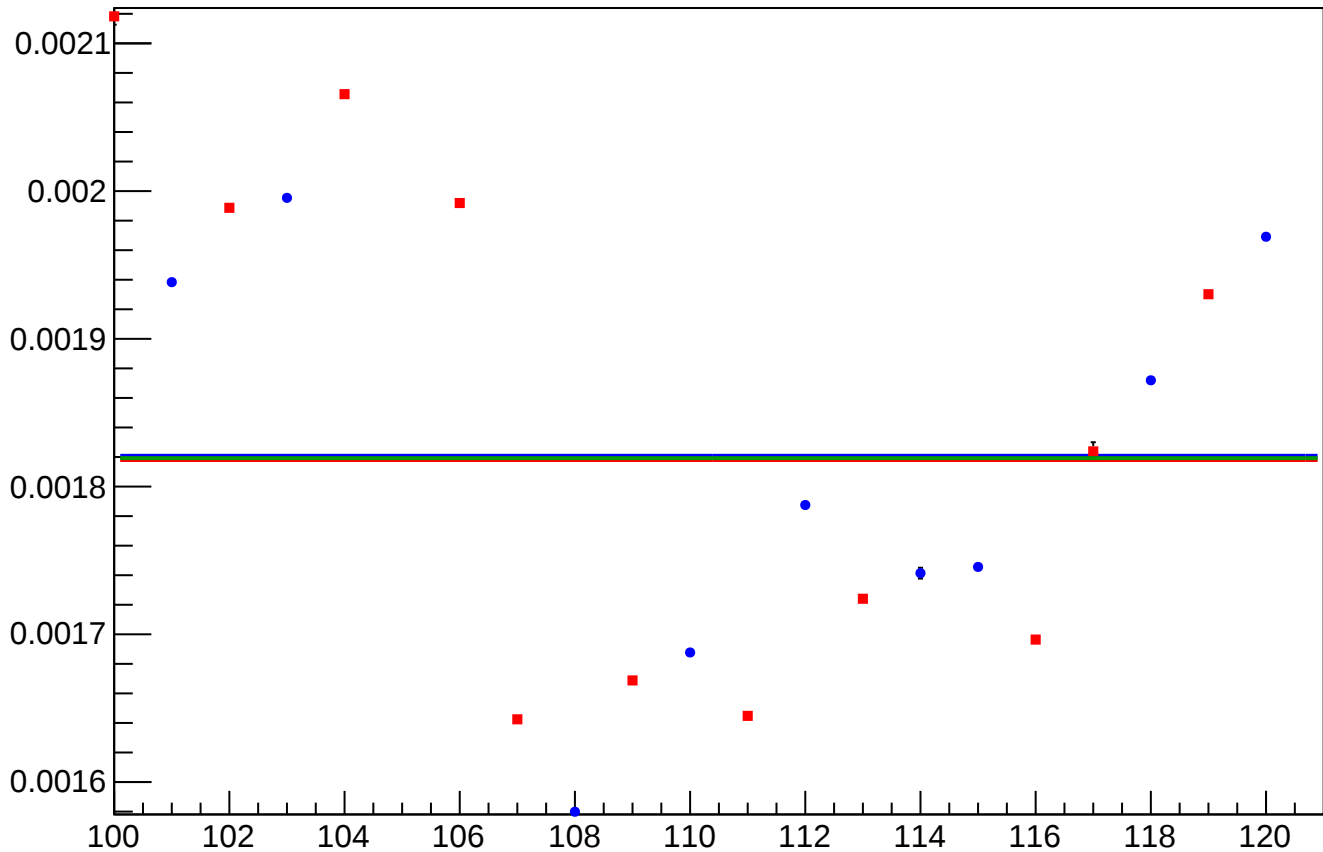
-4.506+/-0.000 χ^2/NDF : 98034260276.9/11

Right Out: -4.510+/-0.000 χ^2/NDF : 50112124465.6/11

-4.510+/-0.000 χ^2/NDF : 50112124465.6/11

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

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 40100.5/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 69693.8/11

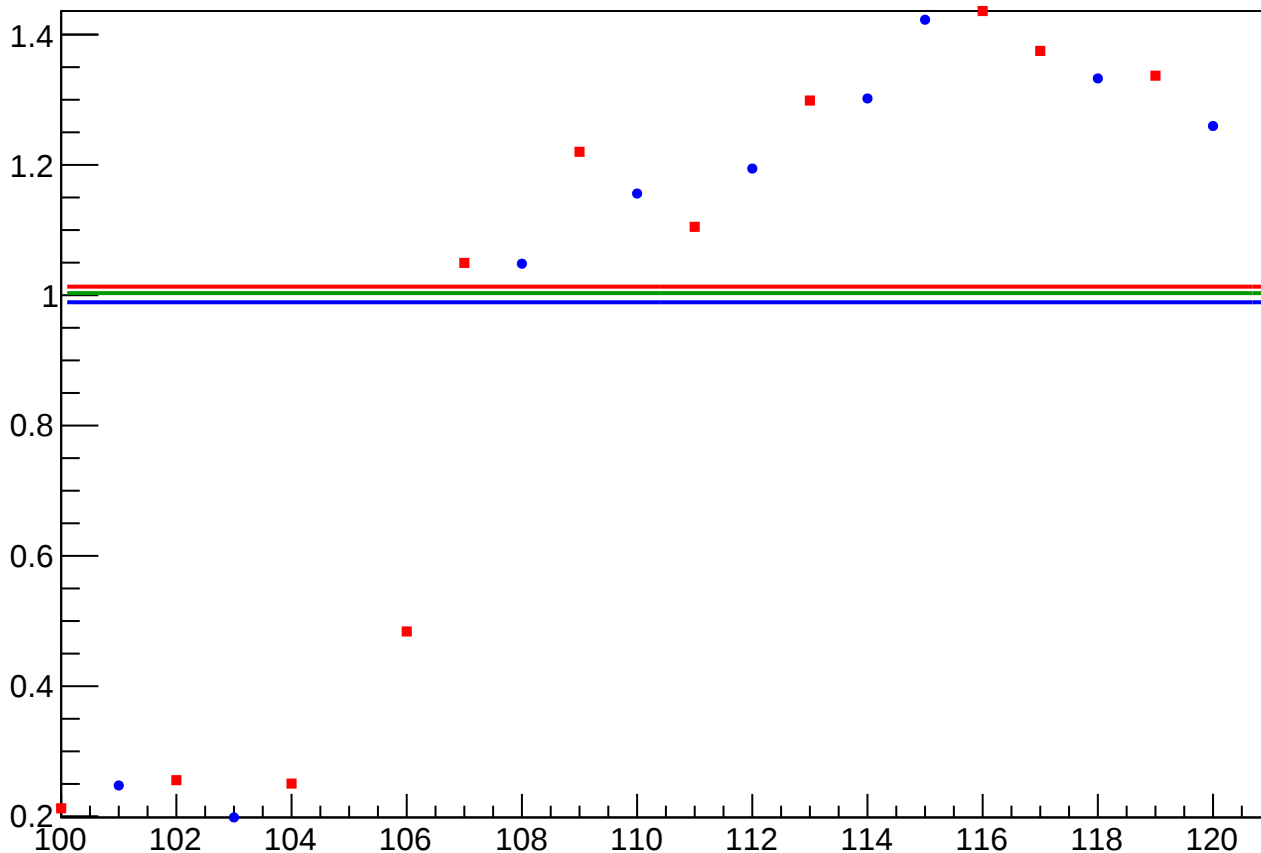
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 40100.5/8

0.002+/-0.000 χ^2/NDF : 109803.3/20

0.002+/-0.000 χ^2/NDF : 69693.8/11

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.989+/-0.000 χ^2/NDF : 11695025803.1/8

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

0.989+/-0.000 χ^2/NDF : 11695025803.1/8

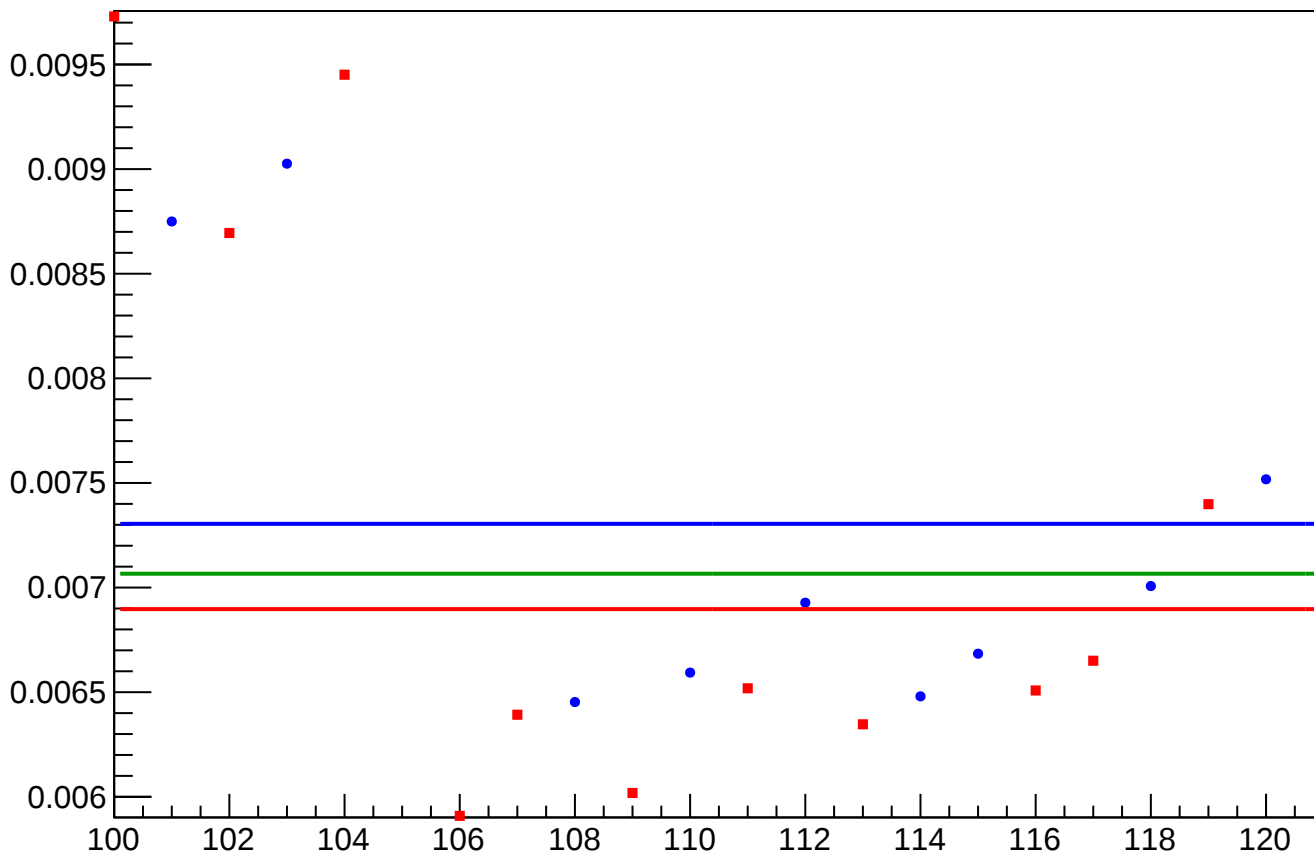
1.003+/-0.000 χ^2/NDF : 26097283022.0/2

Right Out: 1.013+/-0.000 χ^2/NDF : 14380978757.5/11

1.013+/-0.000 χ^2/NDF : 14380978757.5/11

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

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 105459.9/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 195038.0/11

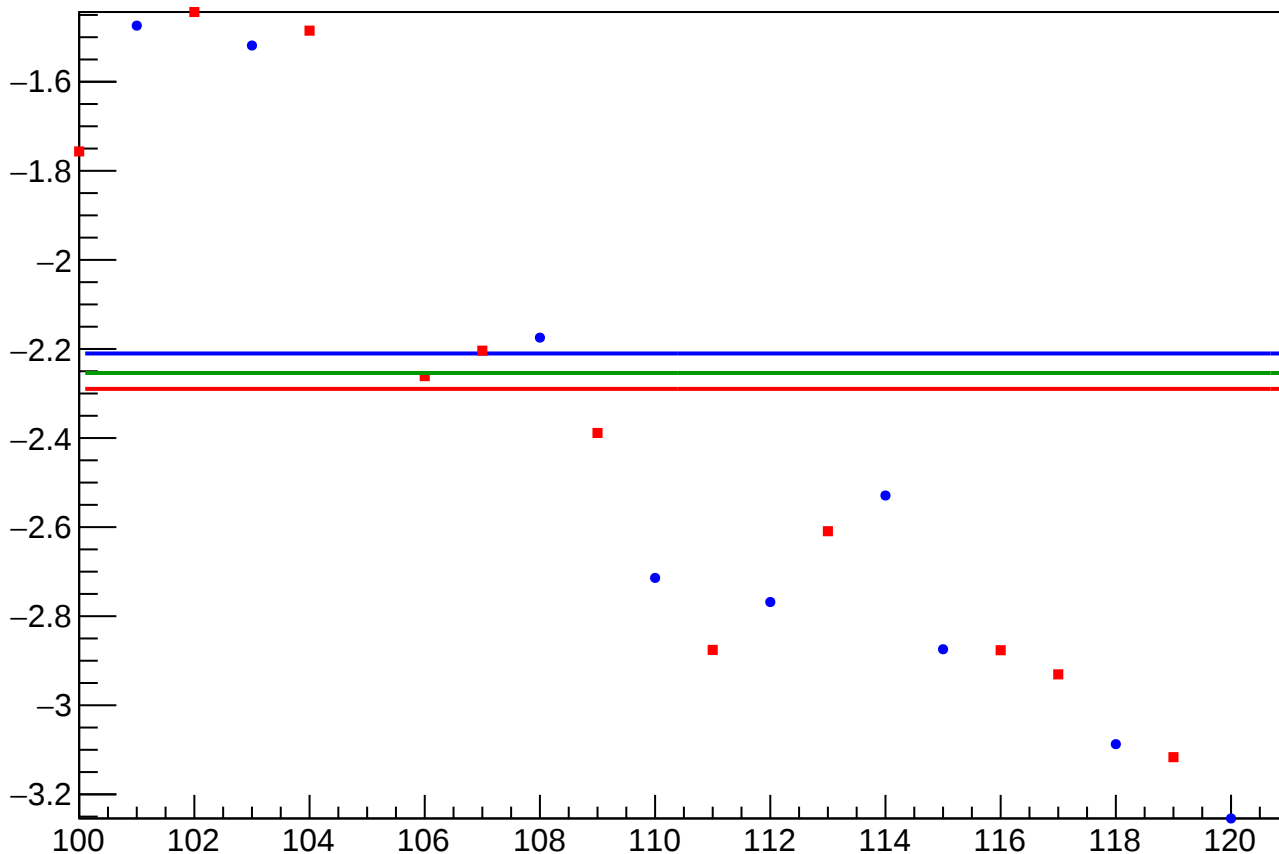
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 105459.9/8

0.007+/-0.000 χ^2/NDF : 312816.7/20

0.007+/-0.000 χ^2/NDF : 195038.0/11

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.210+/-0.000 χ^2/NDF : 38535646943.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.290+/-0.000 χ^2/NDF : 40594231613.2/11

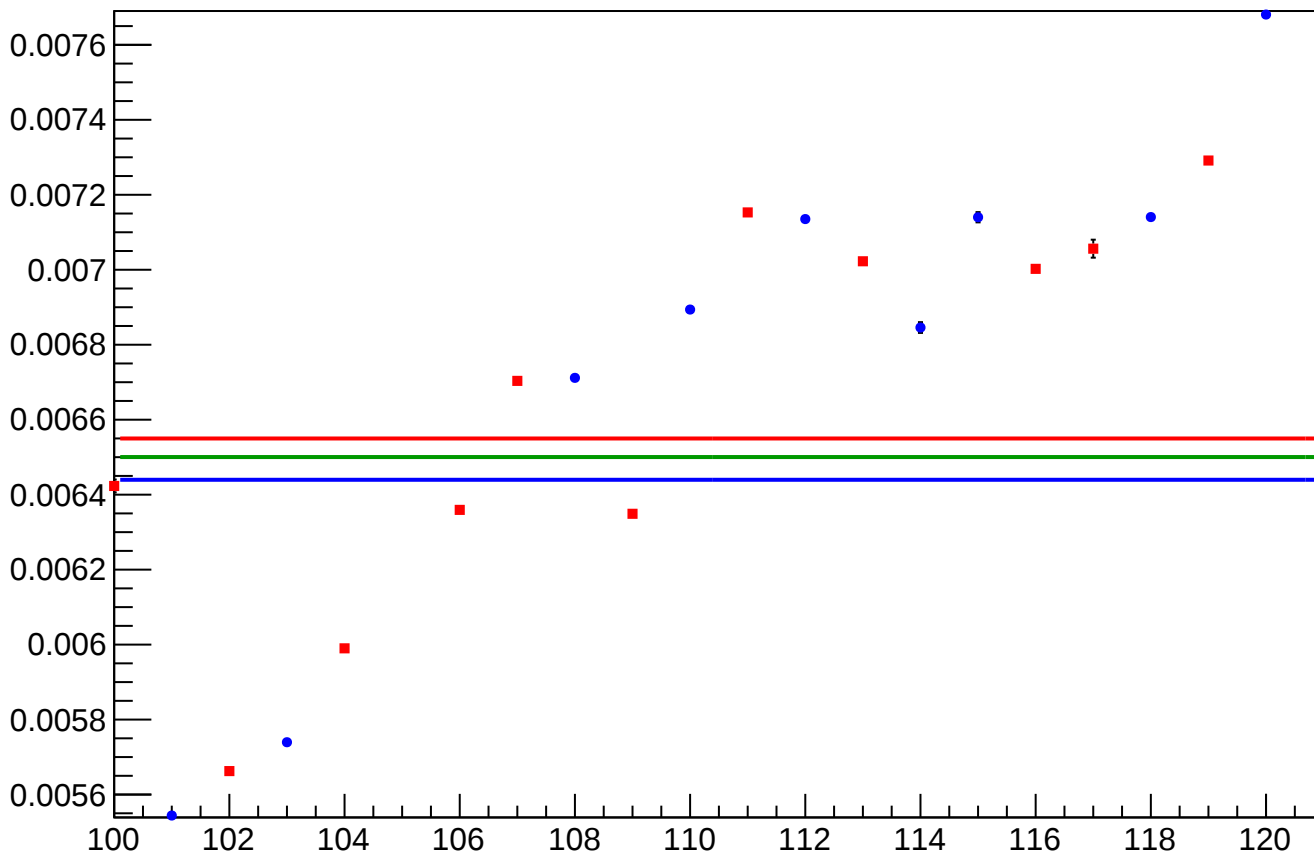
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.210+/-0.000 χ^2/NDF : 38535646943.6/8

-2.254+/-0.000 χ^2/NDF : 79415424444.9/11

-2.290+/-0.000 χ^2/NDF : 40594231613.2/11

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 91263.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 72926.9/11

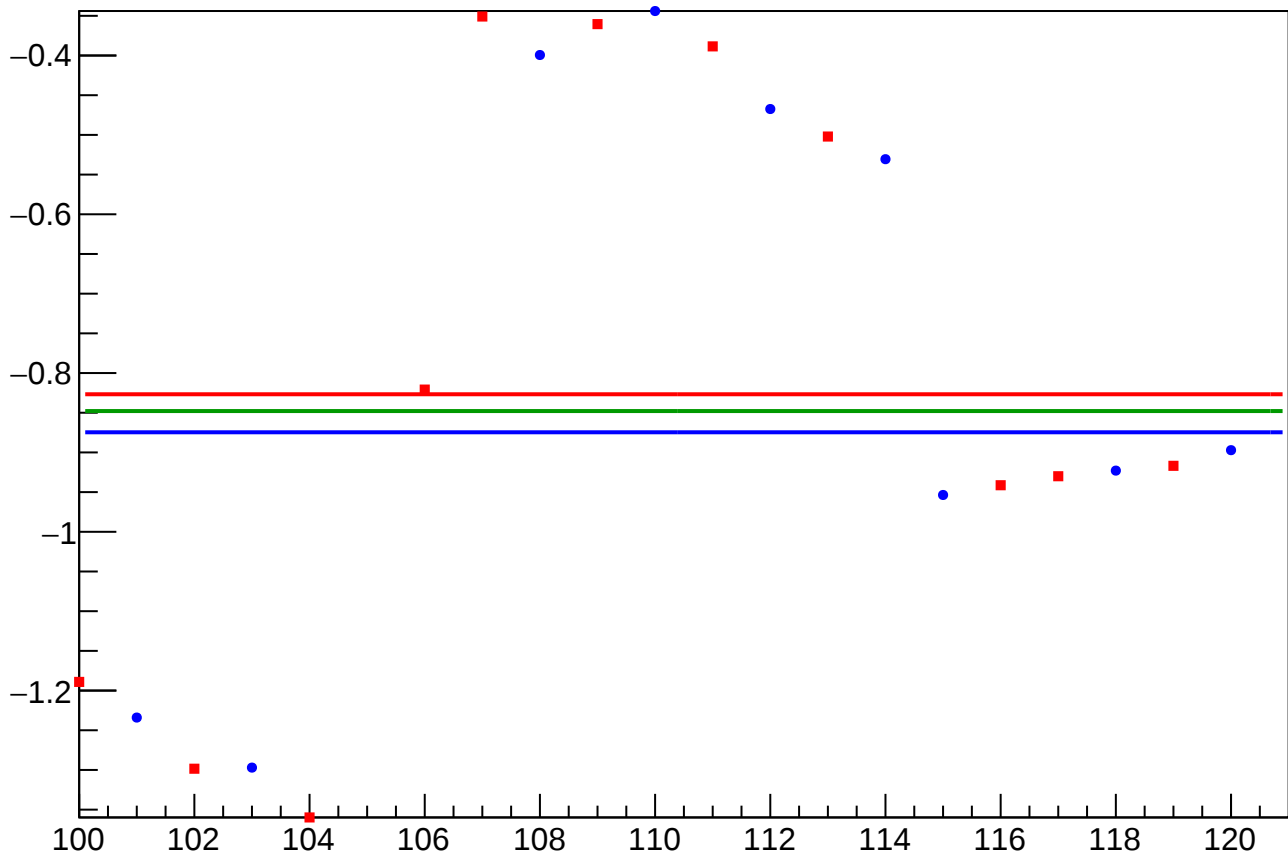
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 91263.4/8

0.007+/-0.000 χ^2/NDF : 165285.6/20

0.007+/-0.000 χ^2/NDF : 72926.9/11

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.875+/-0.000 χ^2/NDF : 3837377304.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.827+/-0.000 χ^2/NDF : 5487294914.2/11

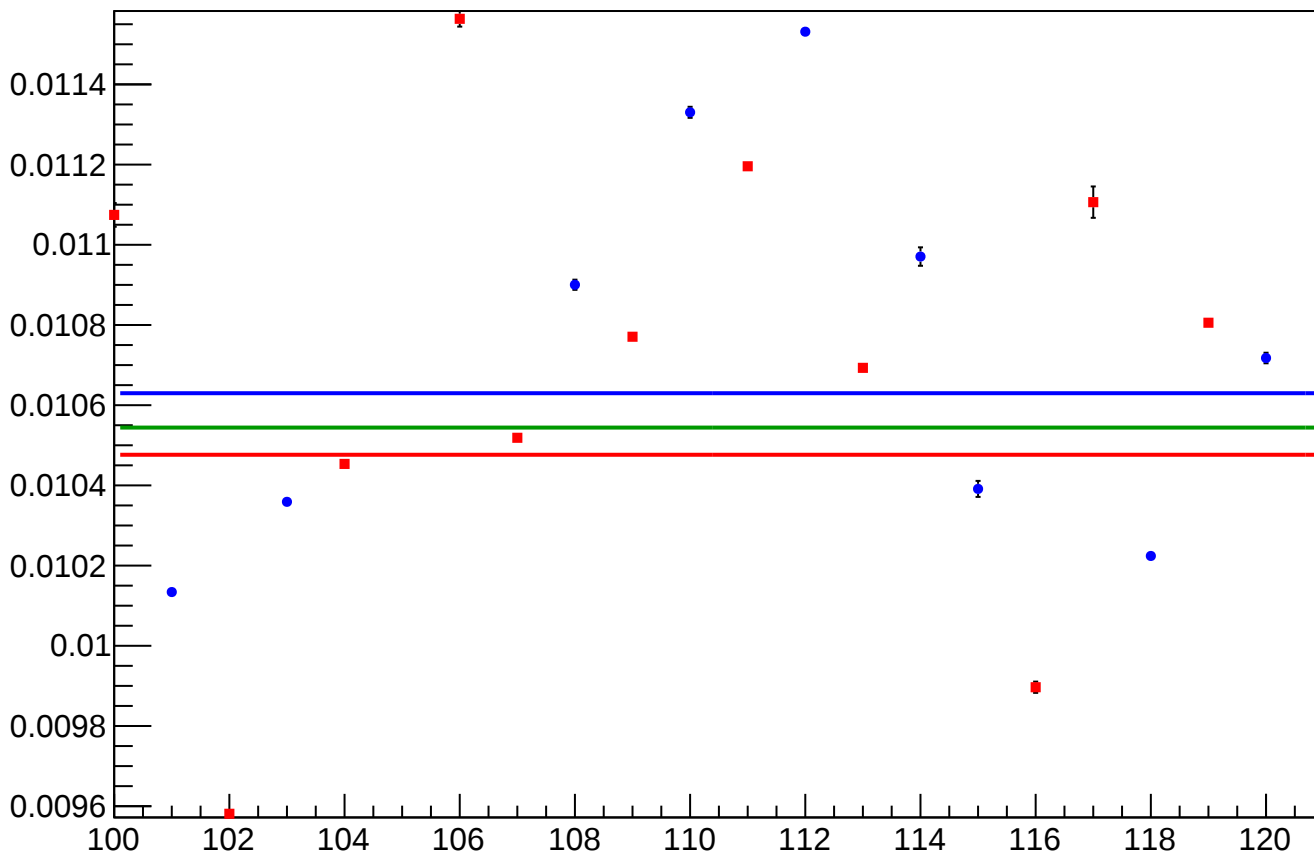
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.875+/-0.000 χ^2/NDF : 3837377304.9/8

-0.848+/-0.000 χ^2/NDF : 9363218481.7/20

-0.827+/-0.000 χ^2/NDF : 5487294914.2/11

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 $\chi^2/\text{NDF}: 14385.7/8$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.010+/-0.000 $\chi^2/\text{NDF}: 21402.2/11$

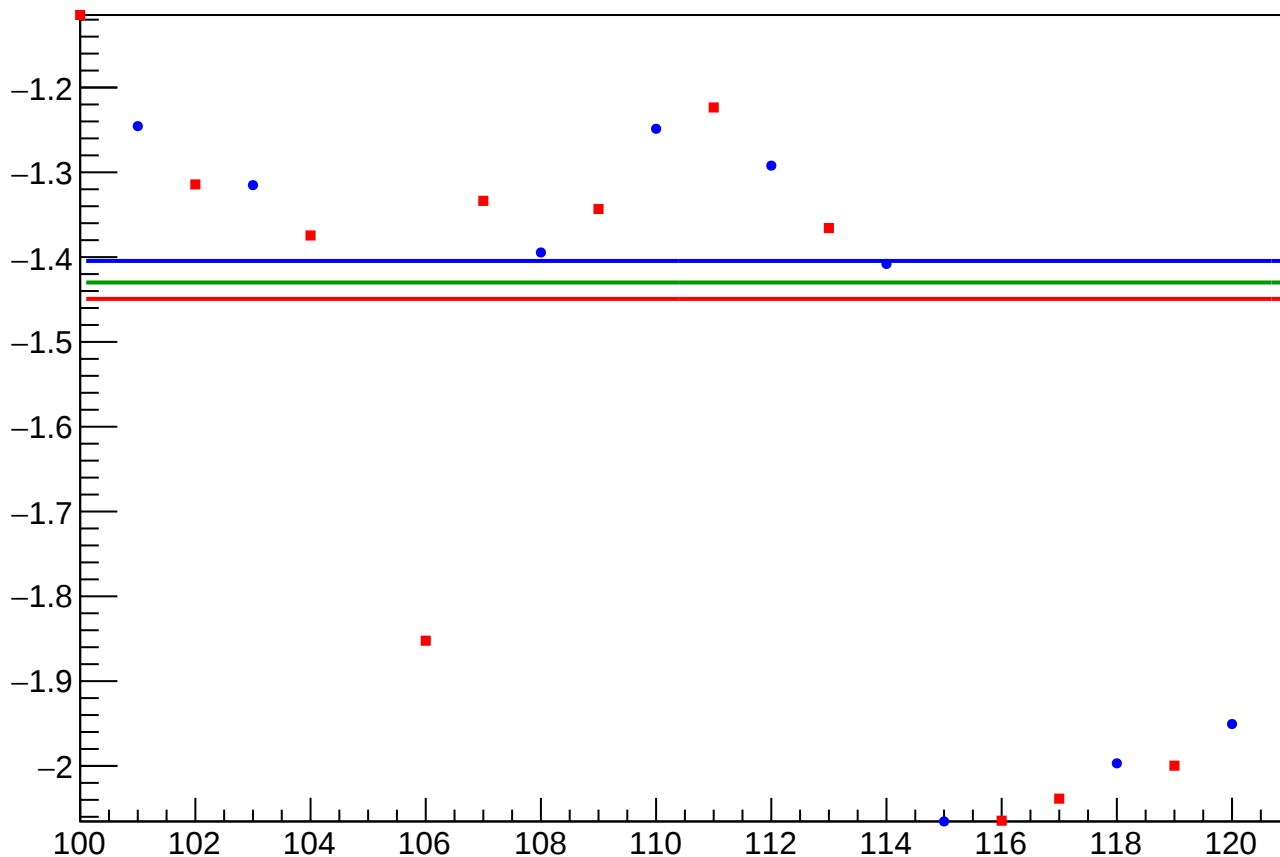
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

0.011+/-0.000 $\chi^2/\text{NDF}: 14385.7/8$

0.011+/-0.000 $\chi^2/\text{NDF}: 36579.5/20$

0.010+/-0.000 $\chi^2/\text{NDF}: 21402.2/11$

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.405 ± 0.000 χ^2/NDF : 38333666998.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.449 ± 0.000 χ^2/NDF : 50453724857.1/11

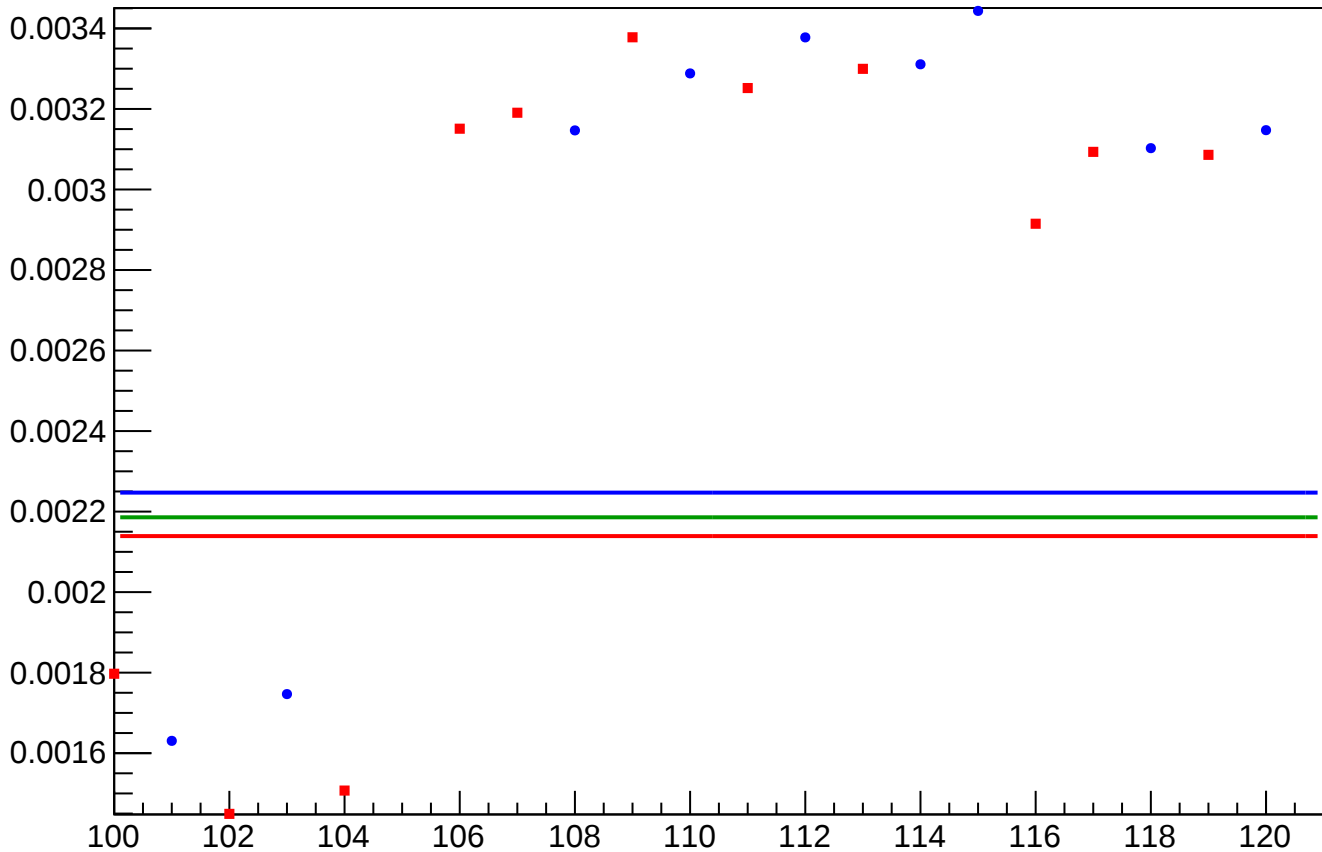
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.405 ± 0.000 χ^2/NDF : 38333666998.3/8

-1.430 ± 0.000 χ^2/NDF : 89414888598.5/11

-1.449 ± 0.000 χ^2/NDF : 50453724857.1/11

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 612139.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 990106.2/11

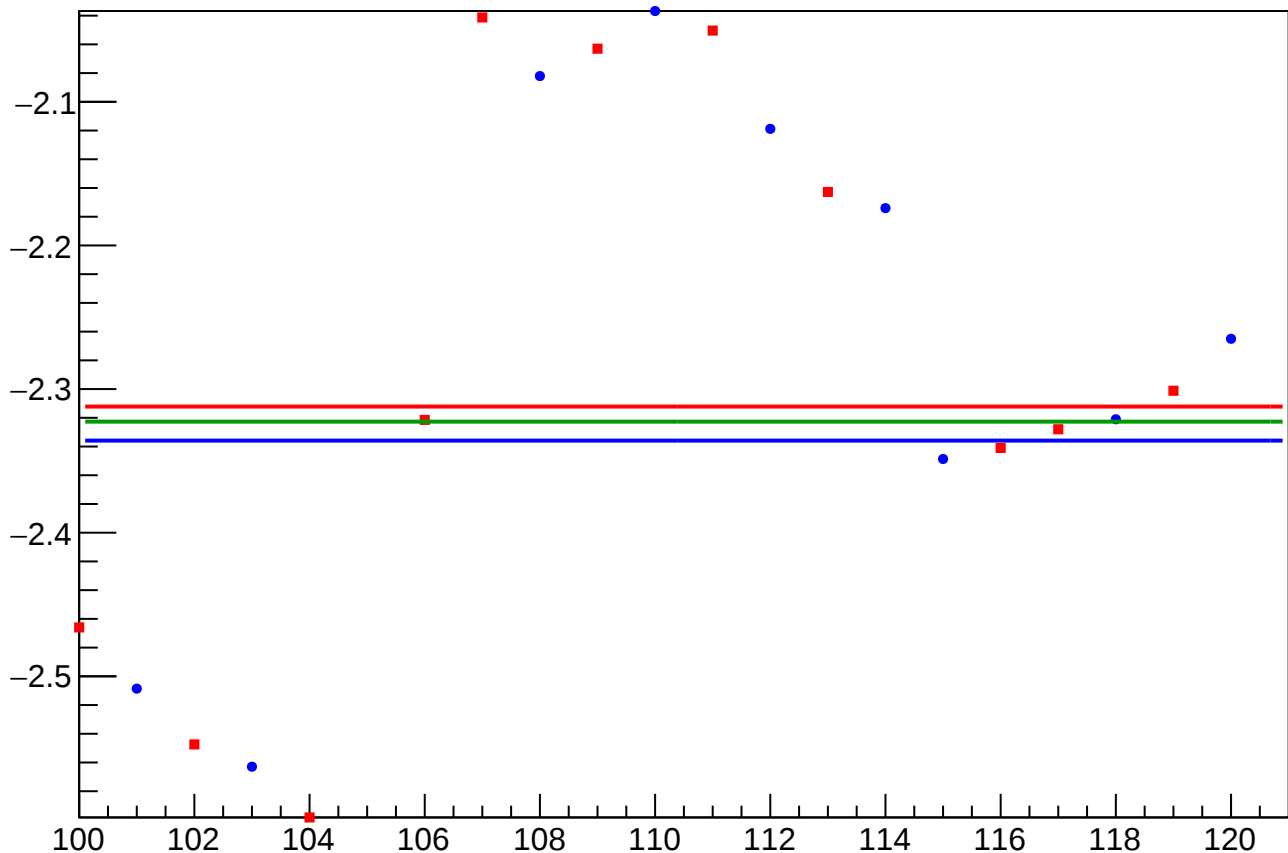
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 612139.0/8

0.002+/-0.000 χ^2/NDF : 1609548.8/20

0.002+/-0.000 χ^2/NDF : 990106.2/11

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.336+/-0.000 χ^2/NDF : 2975120659.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.312+/-0.000 χ^2/NDF : 4392846304.9/11

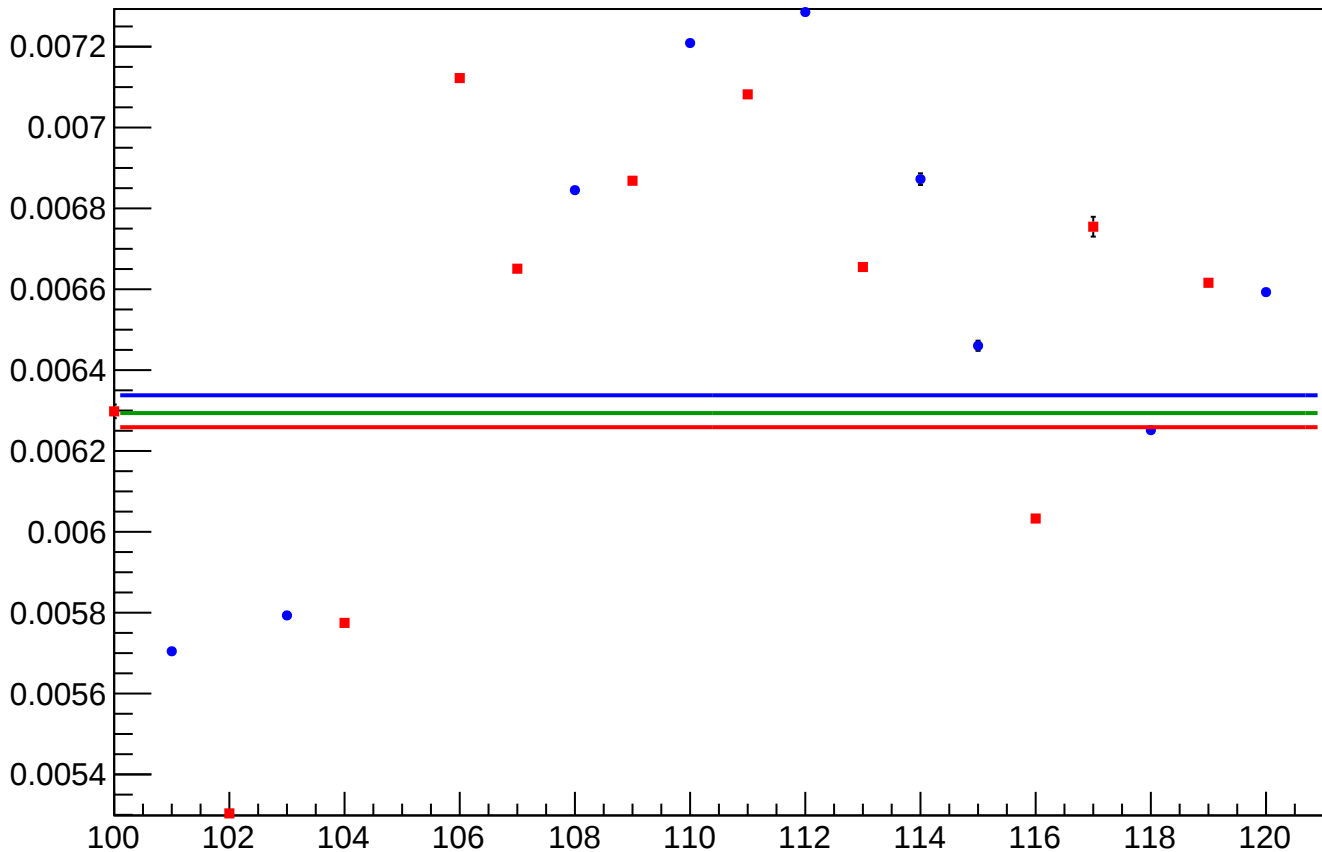
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.336+/-0.000 χ^2/NDF : 2975120659.1/8

-2.323+/-0.000 χ^2/NDF : 7393950688.4/20

-2.312+/-0.000 χ^2/NDF : 4392846304.9/11

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 56223.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 76104.9/11

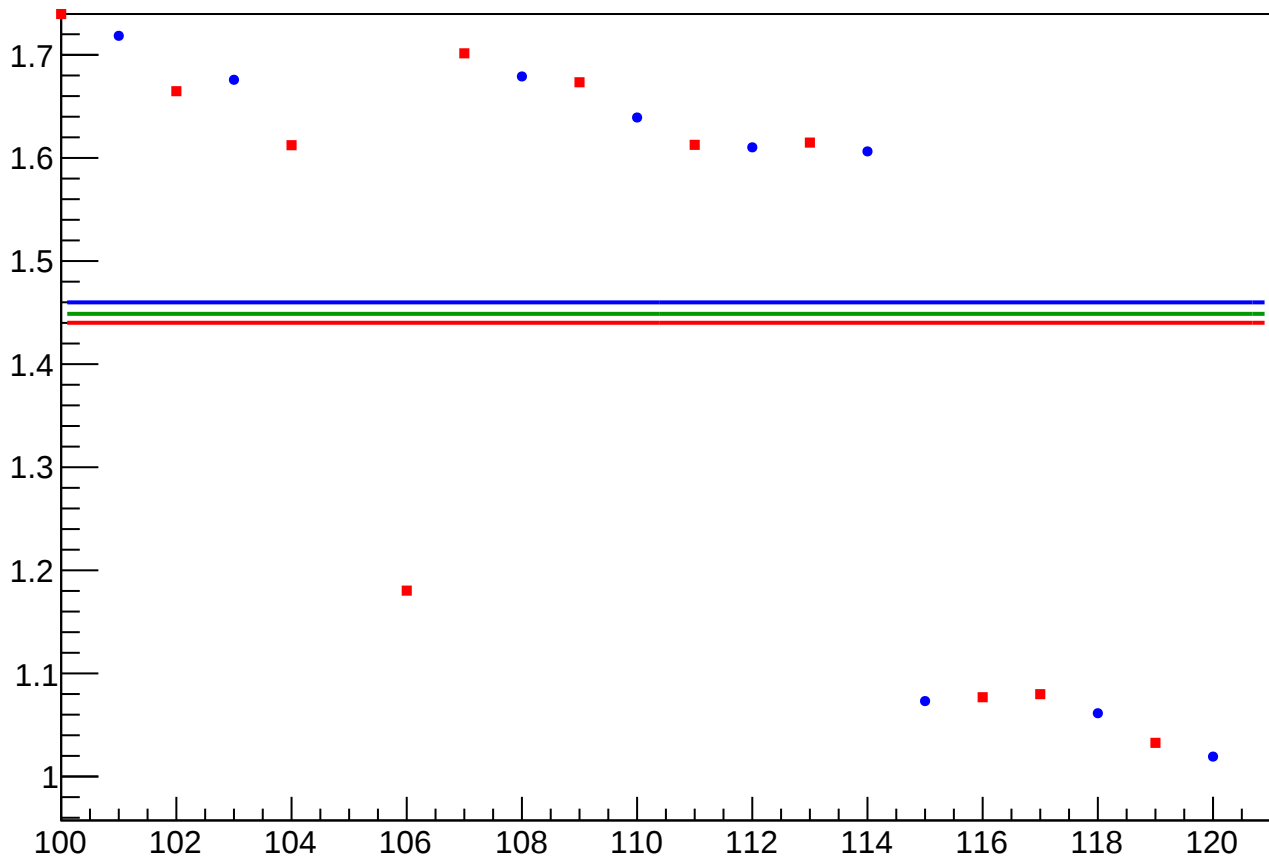
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 56223.1/8

0.006+/-0.000 χ^2/NDF : 132904.5/20

0.006+/-0.000 χ^2/NDF : 76104.9/11

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.460+/-0.000 χ^2/NDF : 61814763207.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.440+/-0.000 χ^2/NDF : 80196929276.1/11

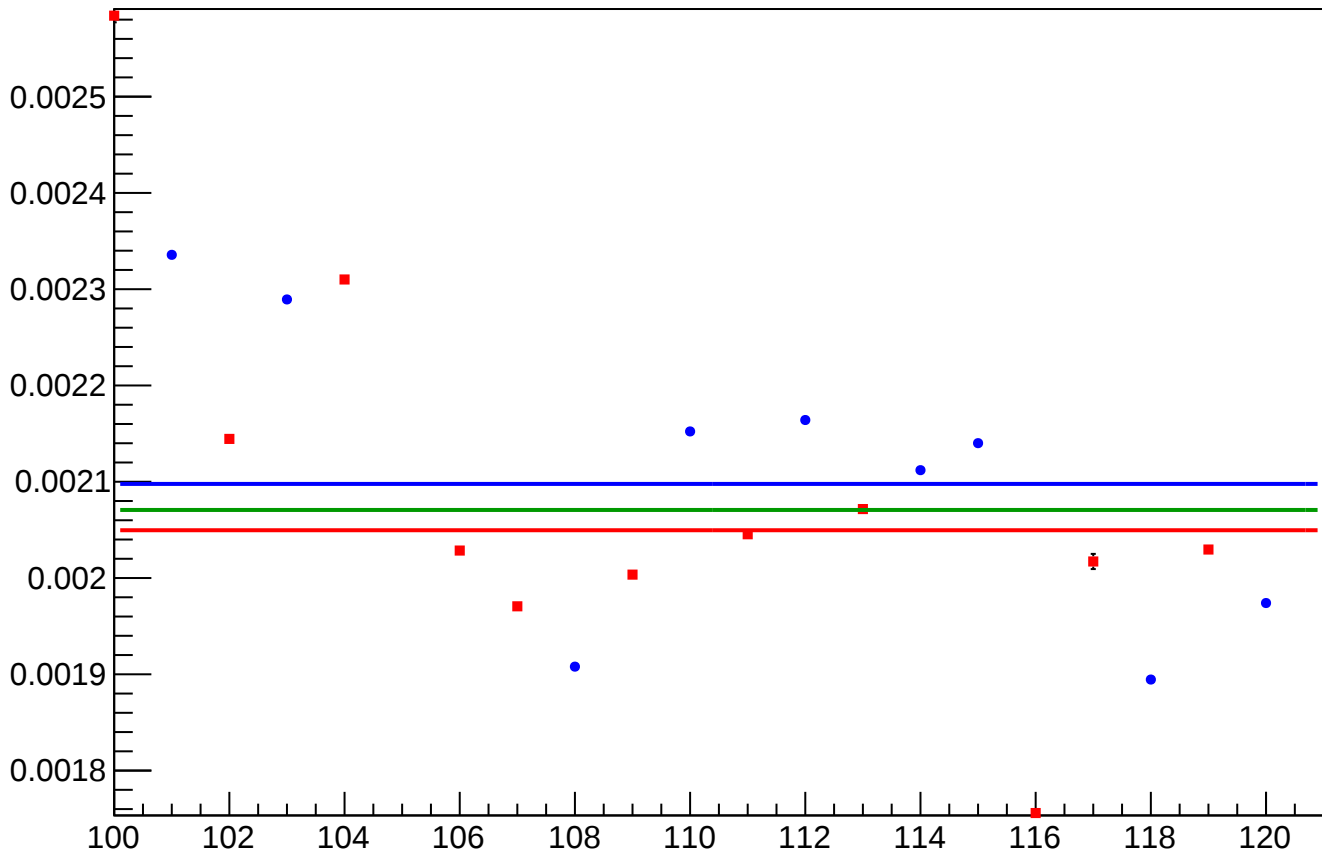
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.460+/-0.000 χ^2/NDF : 61814763207.5/8

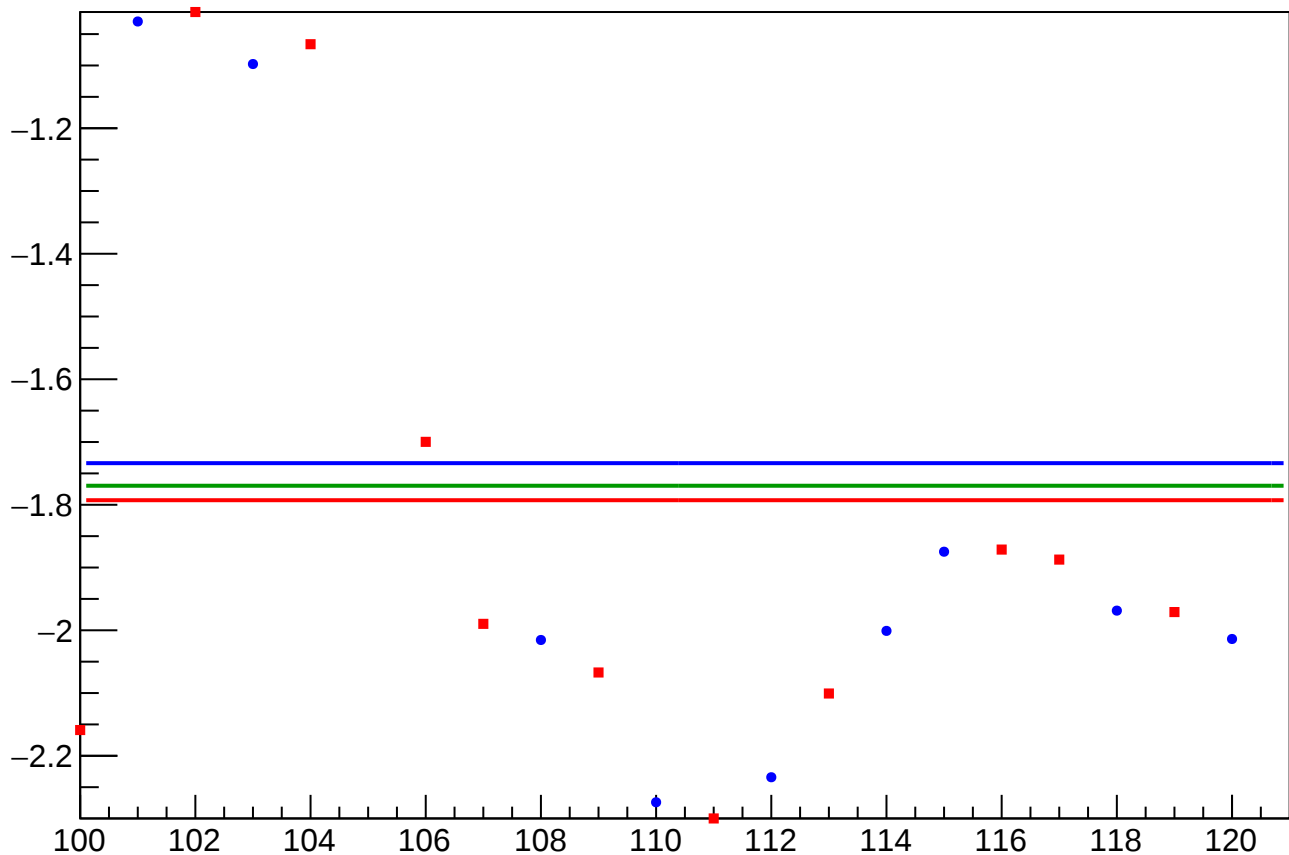
1.449+/-0.000 χ^2/NDF : 142171582559.8/11

1.440+/-0.000 χ^2/NDF : 80196929276.1/11

yield_bpm0i01aY_rms vs Slug, Sign Corrected



yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.734+/-0.000 χ^2/NDF : 15513188613.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.793+/-0.000 χ^2/NDF : 18422574520.2/11

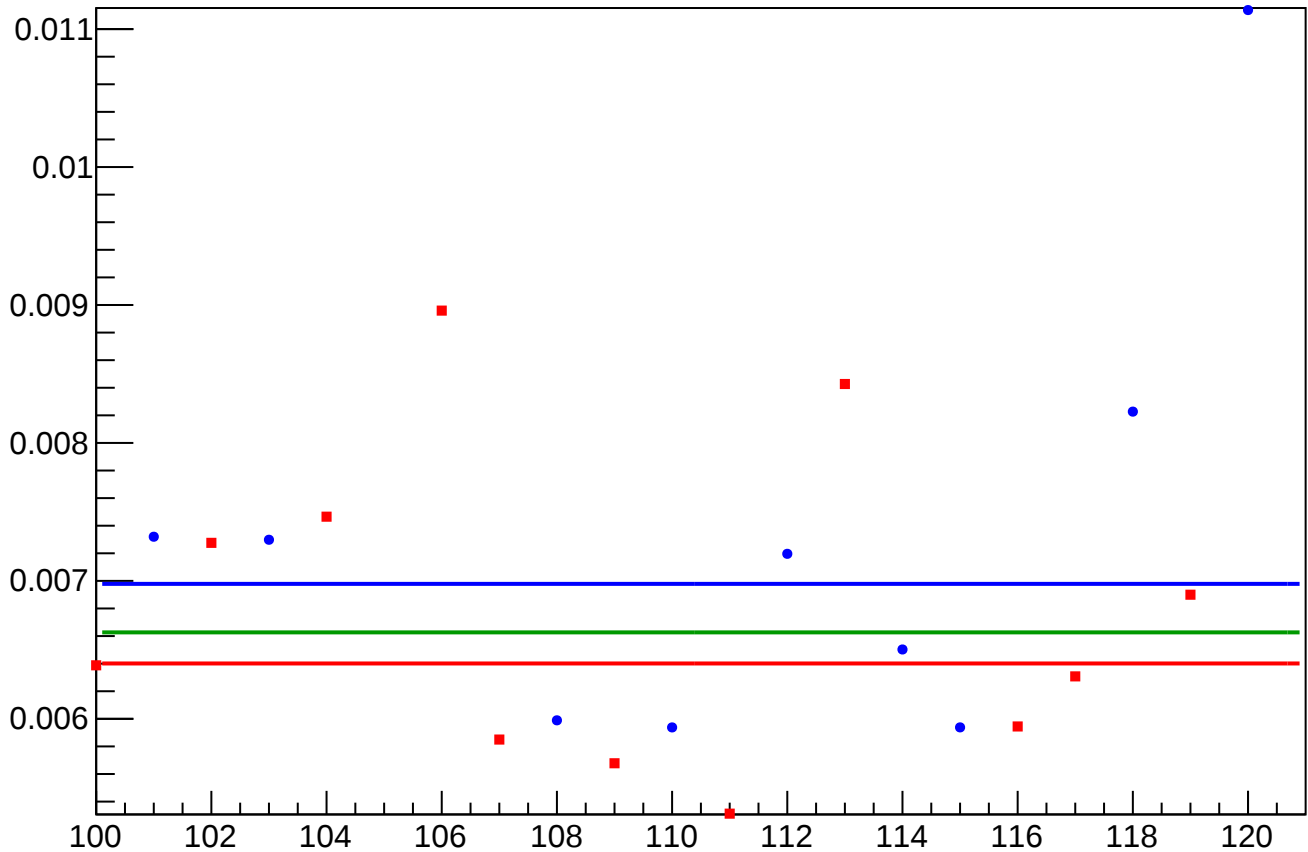
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.734+/-0.000 χ^2/NDF : 15513188613.7/8

-1.770+/-0.000 χ^2/NDF : 34066323646.0/8

-1.793+/-0.000 χ^2/NDF : 18422574520.2/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 149158.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 181103.1/11

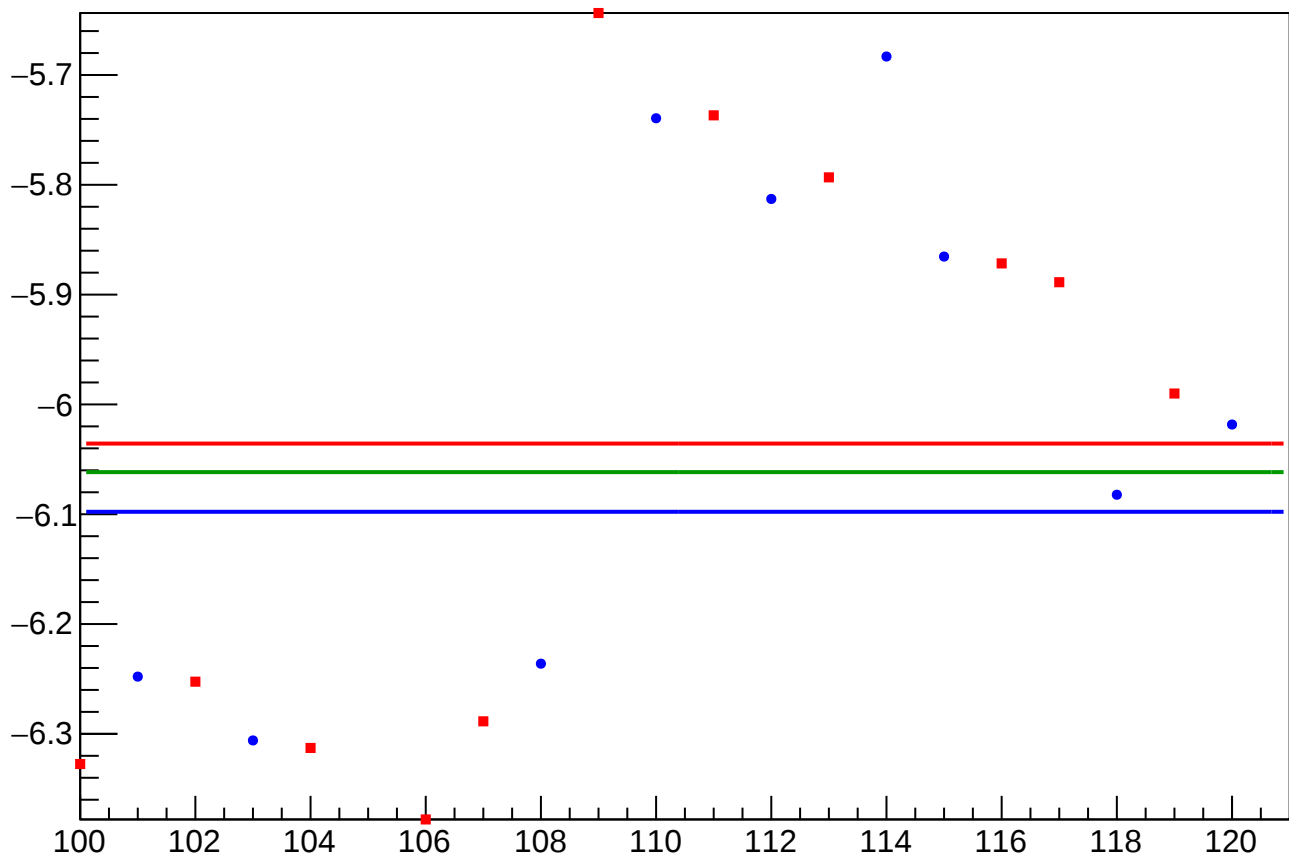
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 149158.7/8

0.007+/-0.000 χ^2/NDF : 355206.5/20

0.006+/-0.000 χ^2/NDF : 181103.1/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.098+/-0.000 χ^2/NDF : 4362902443.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.036+/-0.000 χ^2/NDF : 8161274354.4/11

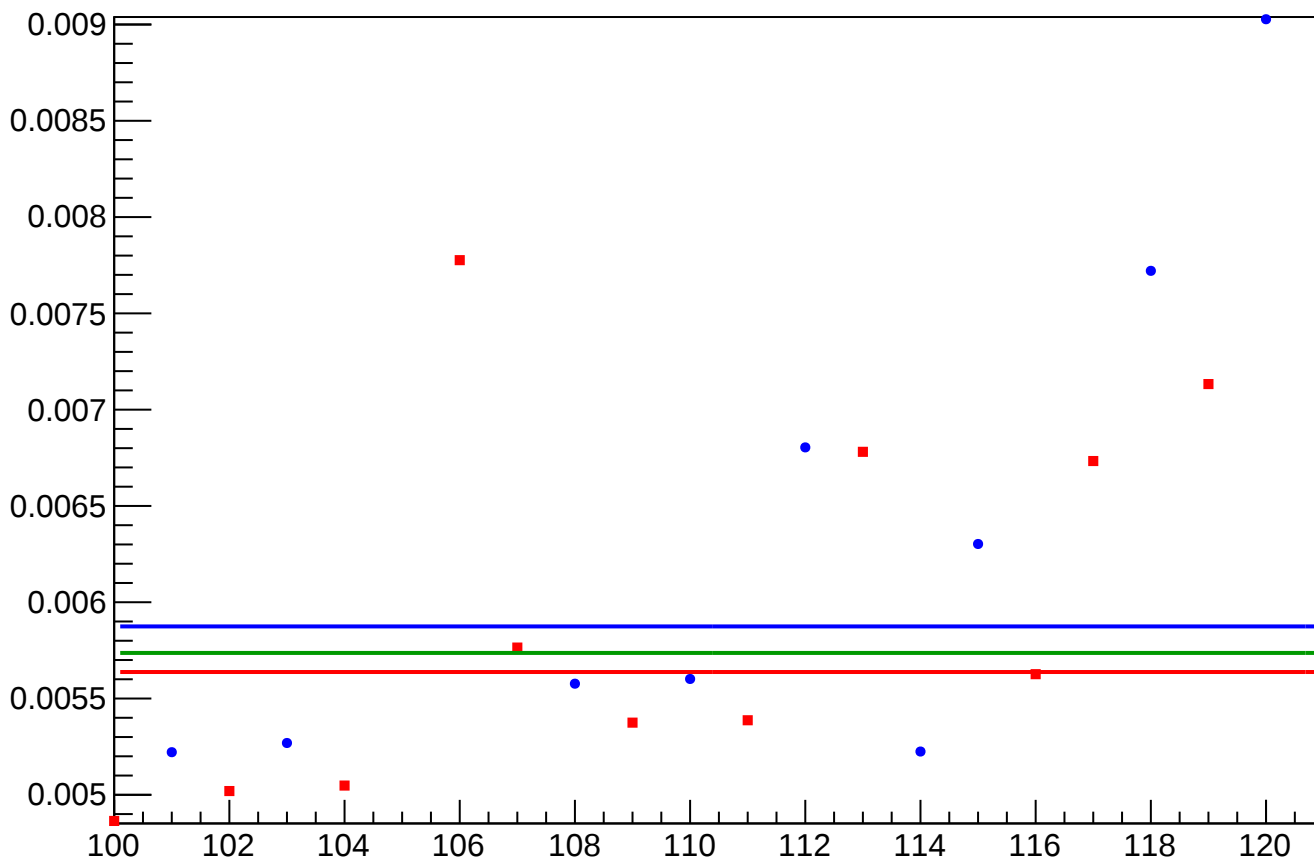
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.098+/-0.000 χ^2/NDF : 4362902443.0/8

-6.062+/-0.000 χ^2/NDF : 12721081790.0/11

-6.036+/-0.000 χ^2/NDF : 8161274354.4/11

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 175942.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 134518.6/11

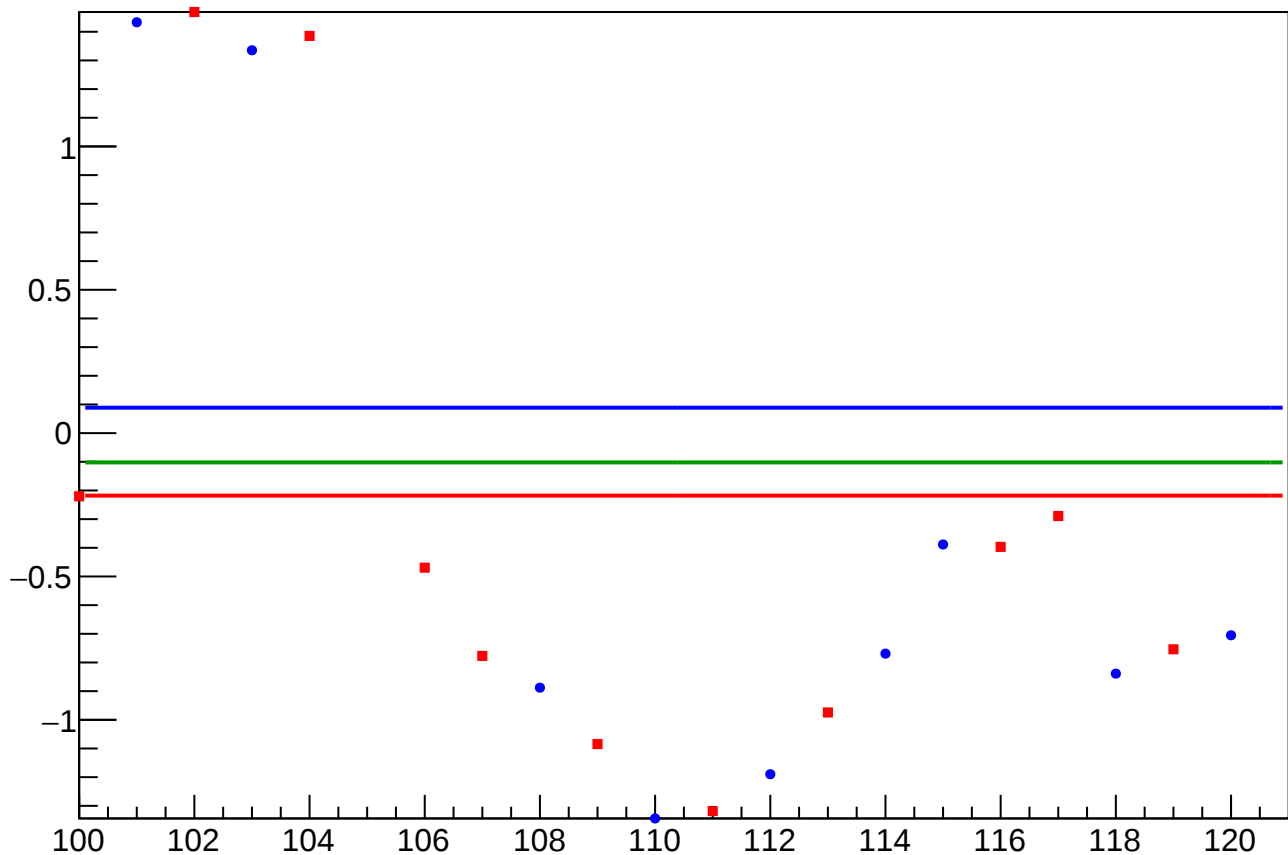
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 175942.7/8

0.006+/-0.000 χ^2/NDF : 316179.1/20

0.006+/-0.000 χ^2/NDF : 134518.6/11

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 16311690671.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.218+/-0.000 χ^2/NDF : 19595840291.4/11

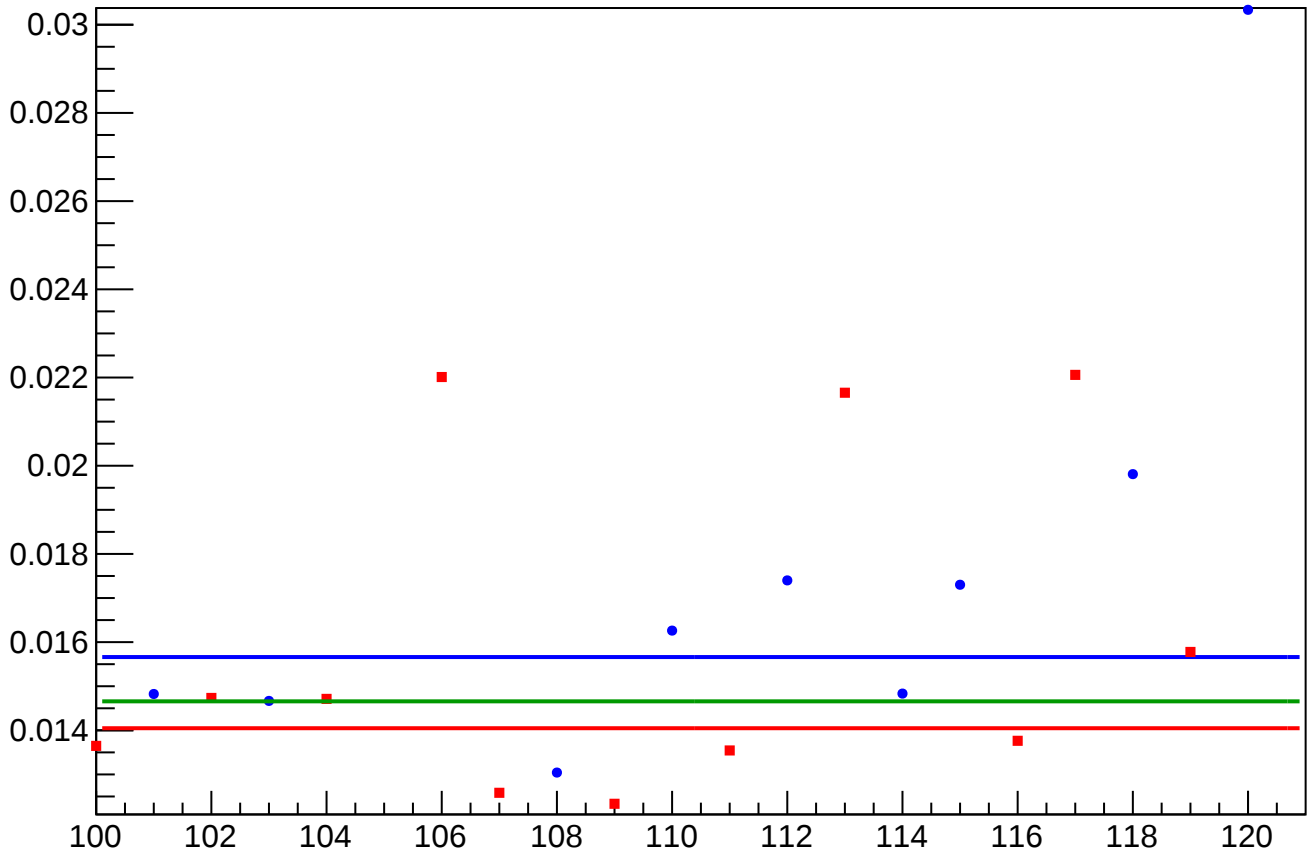
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 16311690671.7/8

-0.102+/-0.000 χ^2/NDF : 36586669556.1/11

-0.218+/-0.000 χ^2/NDF : 19595840291.4/11

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 207578.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 203025.3/11

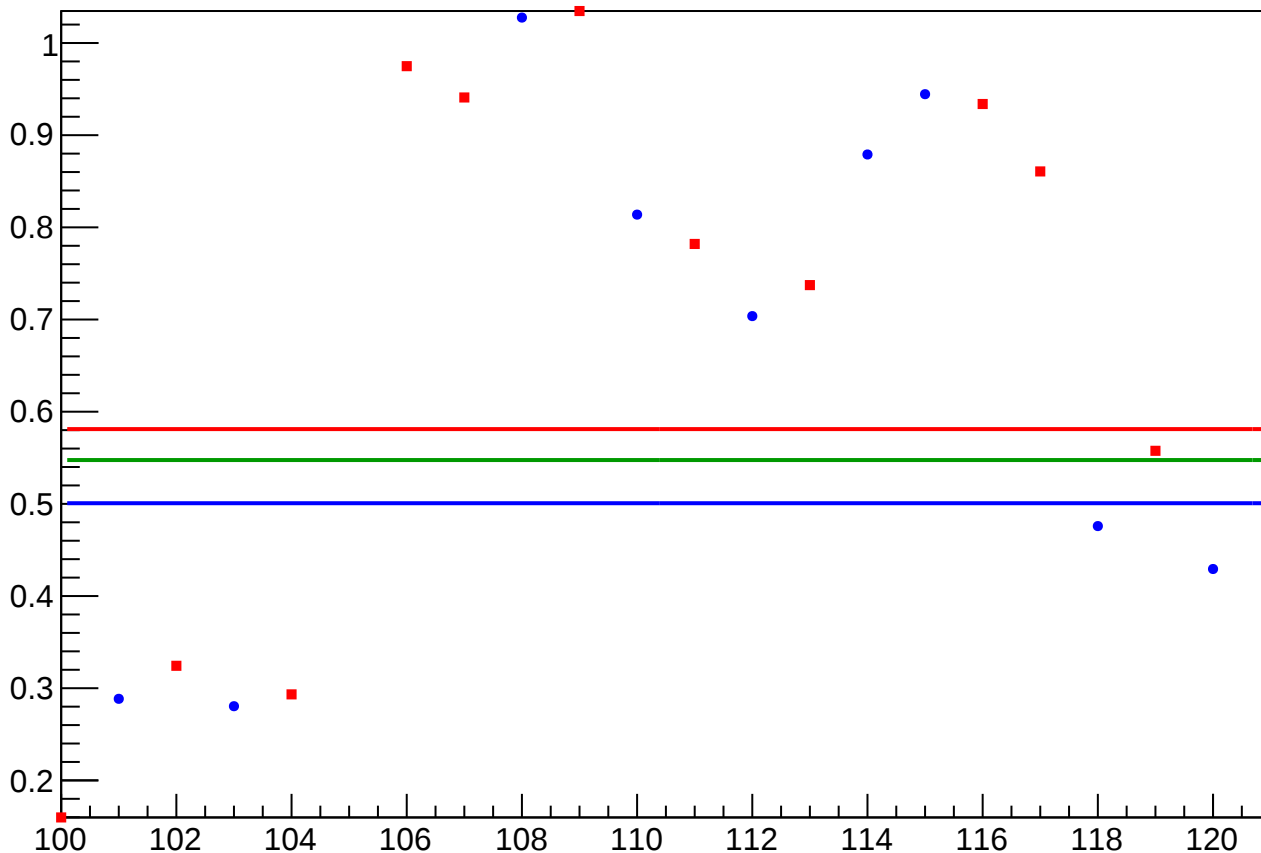
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 207578.8/8

0.015+/-0.000 χ^2/NDF : 448218.0/20

0.014+/-0.000 χ^2/NDF : 203025.3/11

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.501+/-0.000 χ^2/NDF : 3464042319.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.581+/-0.000 χ^2/NDF : 4836337939.4/11

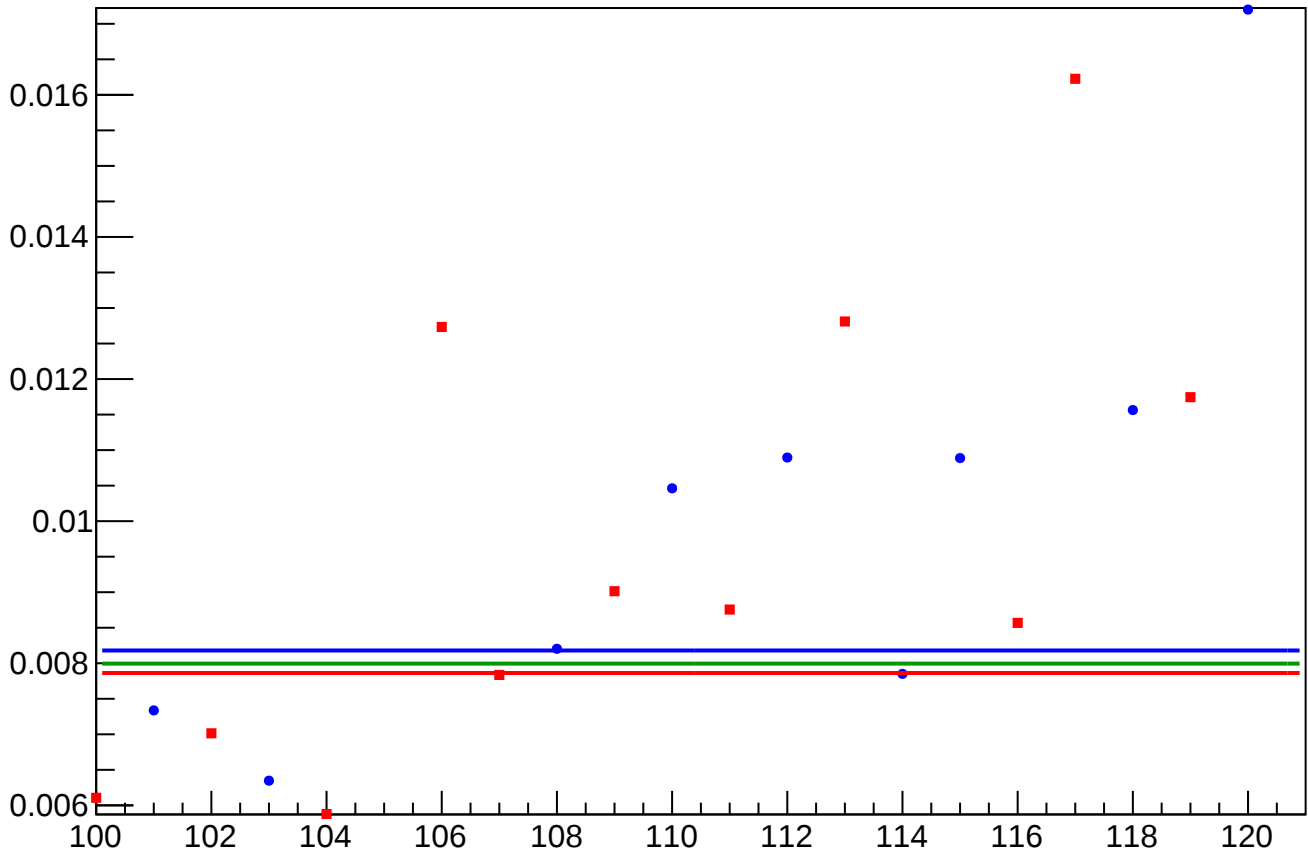
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.501+/-0.000 χ^2/NDF : 3464042319.7/8

0.548+/-0.000 χ^2/NDF : 8456837458.7/20

0.581+/-0.000 χ^2/NDF : 4836337939.4/11

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 415724.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 421111.0/11

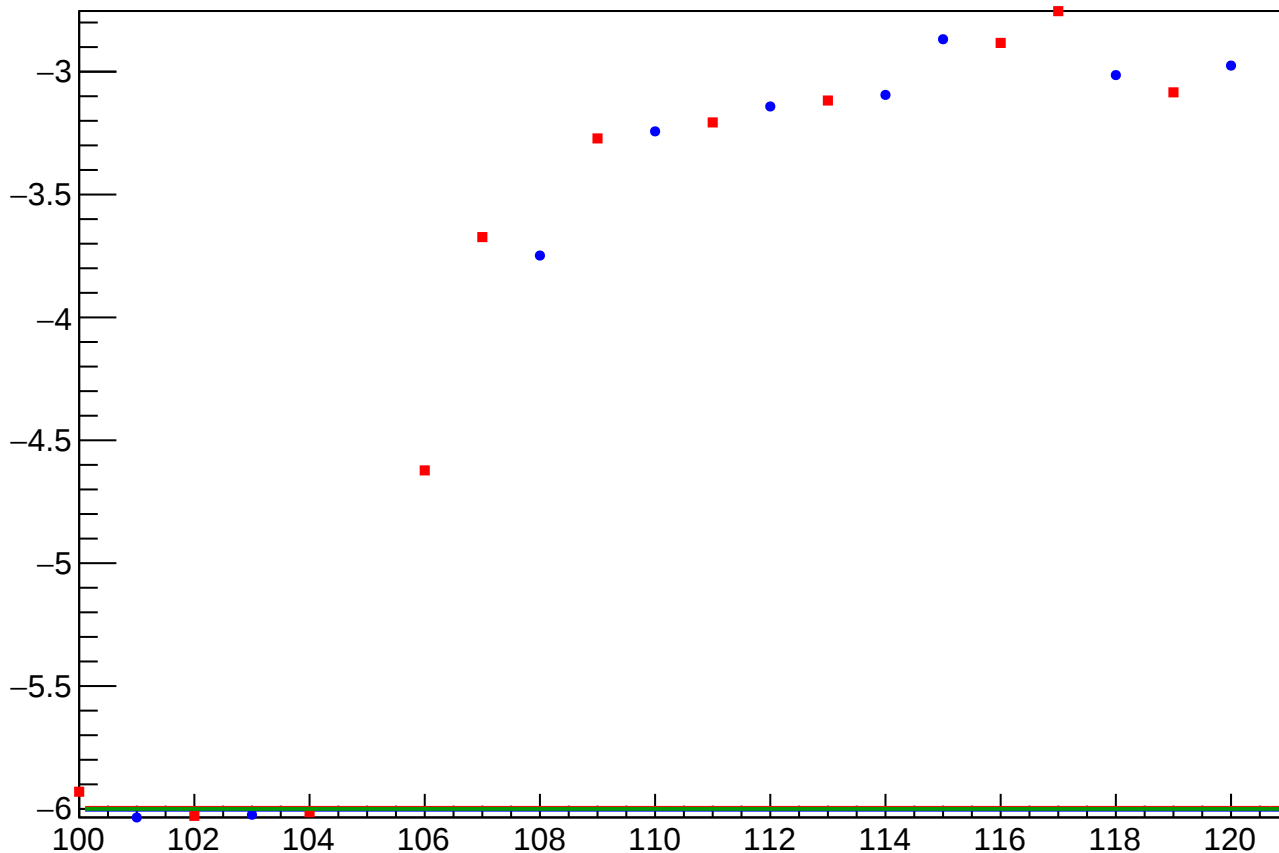
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 415724.5/8

0.008+/-0.000 χ^2/NDF : 841692.7/20

0.008+/-0.000 χ^2/NDF : 421111.0/11

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.003+/-0.000 χ^2/NDF : 3055111222.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.996+/-0.000 χ^2/NDF : 2445622190.2/11

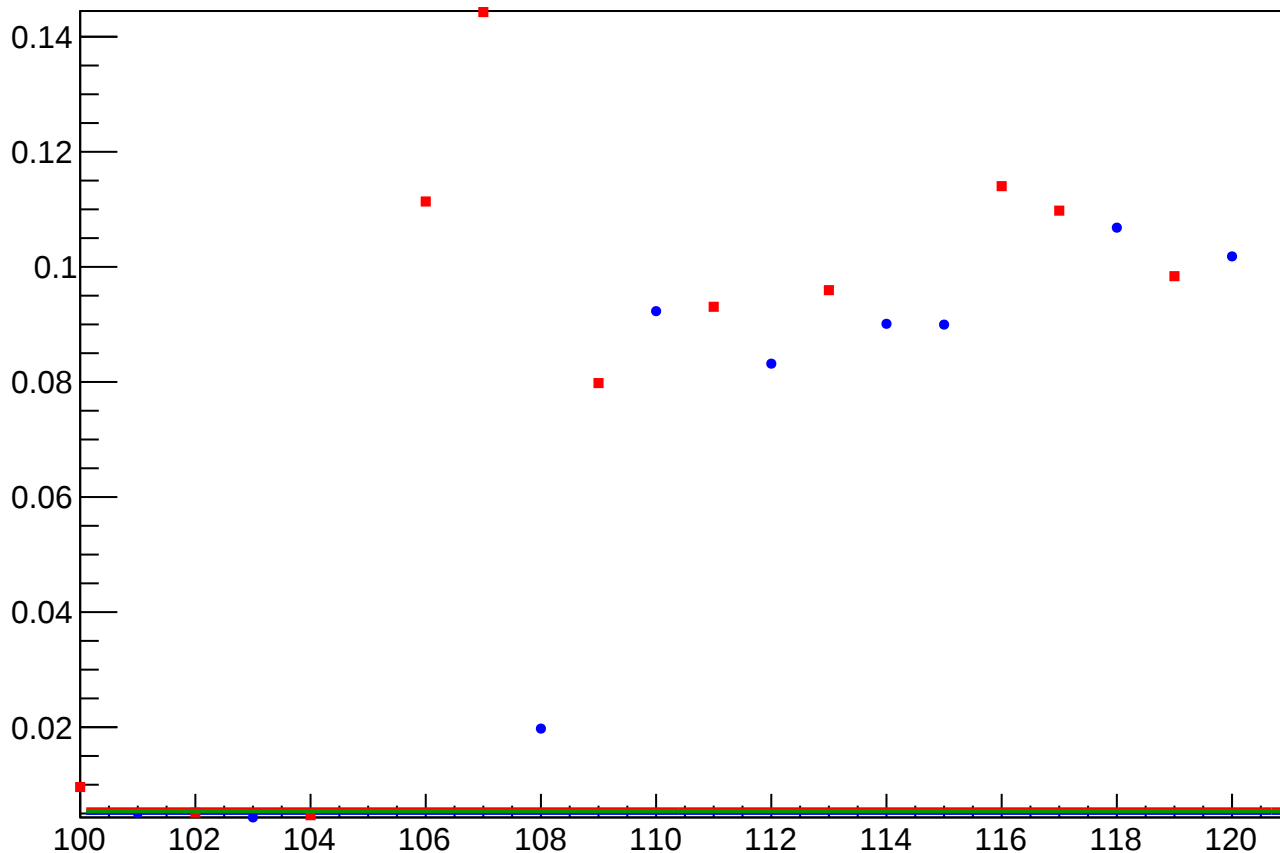
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.003+/-0.000 χ^2/NDF : 3055111222.6/8

-6.000+/-0.000 χ^2/NDF : 5501757253.6/20

-5.996+/-0.000 χ^2/NDF : 2445622190.2/11

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3244289.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5382725.2/11

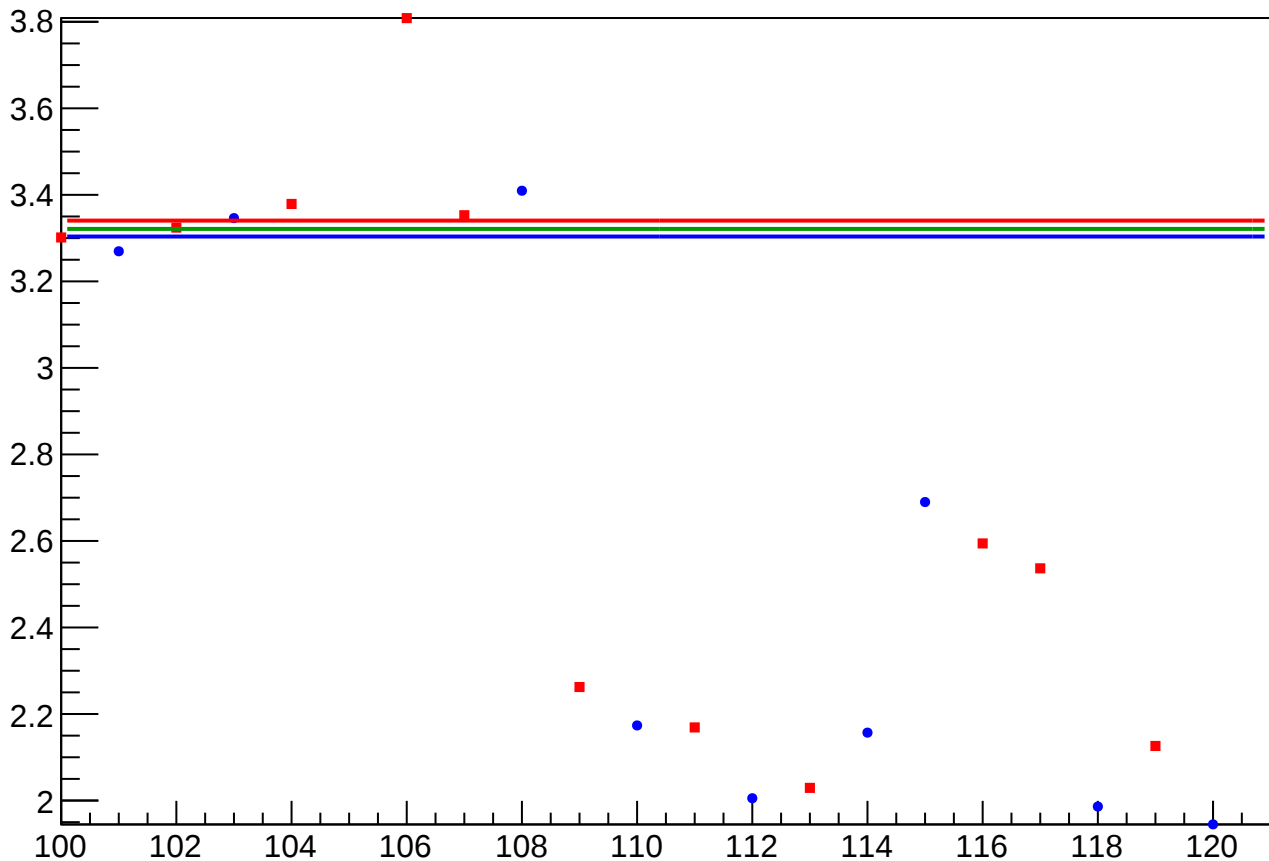
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 3244289.9/8

0.005+/-0.000 χ^2/NDF : 8643230.9/20

0.006+/-0.000 χ^2/NDF : 5382725.2/11

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.304+/-0.000 χ^2/NDF : 315031107.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.340+/-0.000 χ^2/NDF : 375716832.5/11

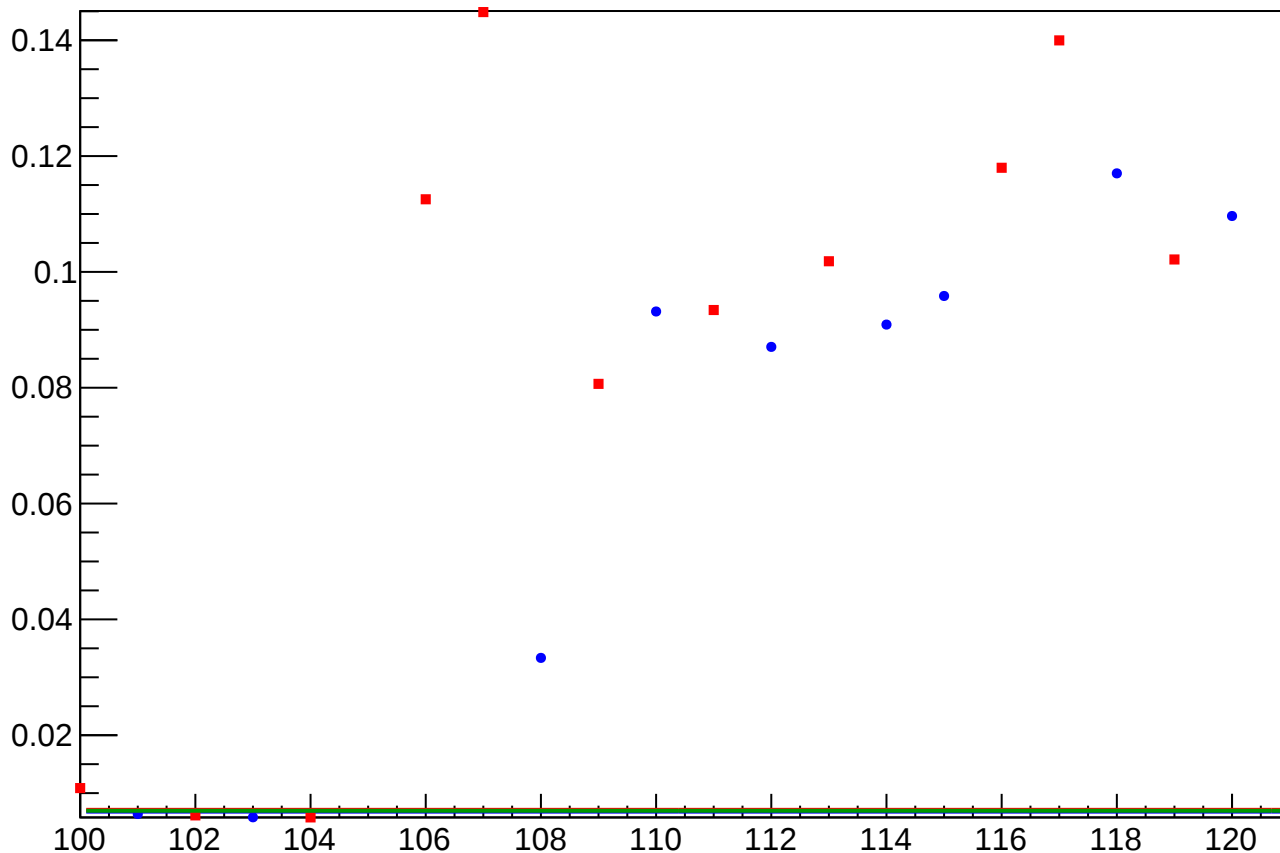
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.304+/-0.000 χ^2/NDF : 315031107.9/8

3.321+/-0.000 χ^2/NDF : 708968794.5/20

3.340+/-0.000 χ^2/NDF : 375716832.5/11

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3262853.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5248139.7/11

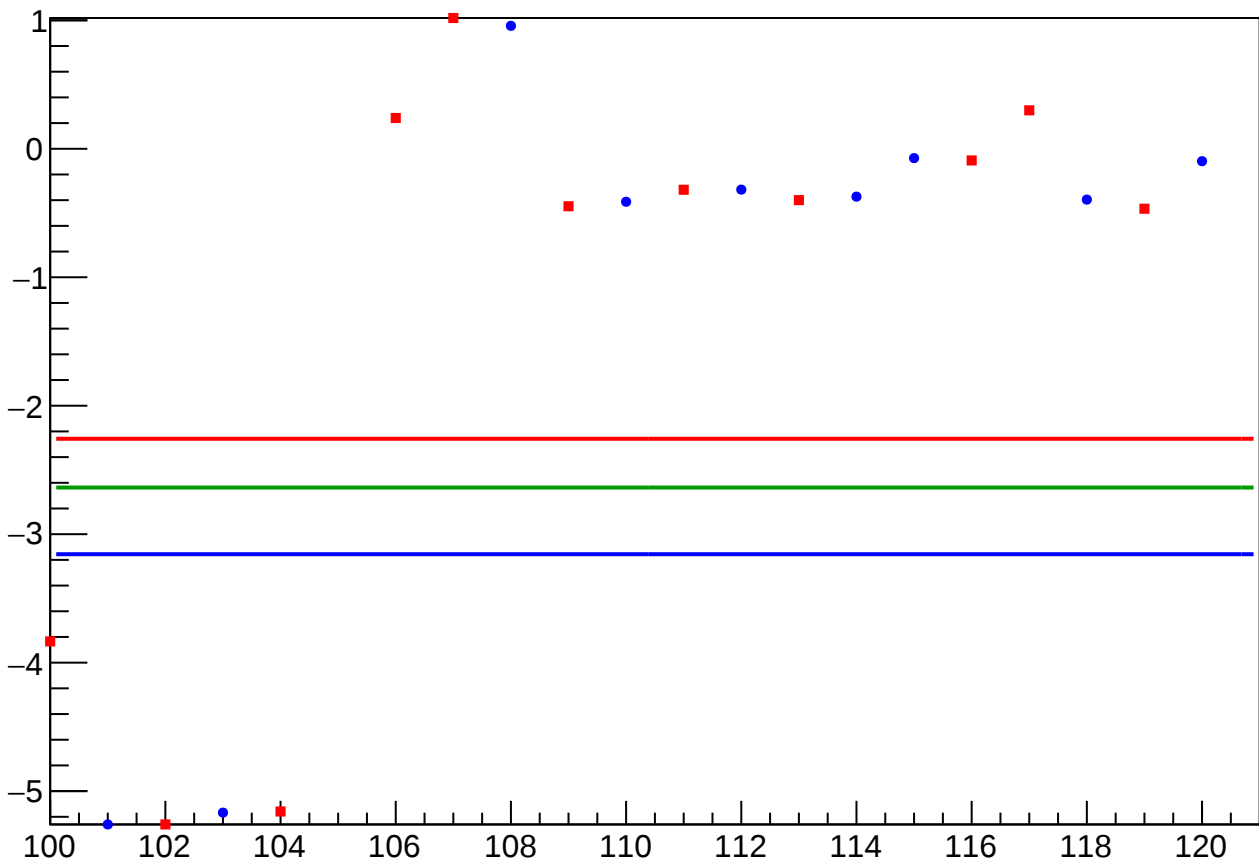
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 3262853.8/8

0.007+/-0.000 χ^2/NDF : 8513464.7/20

0.007+/-0.000 χ^2/NDF : 5248139.7/11

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.156+/-0.000 χ^2/NDF : 87565902956.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.156+/-0.000 χ^2/NDF : 87565902956.2/8

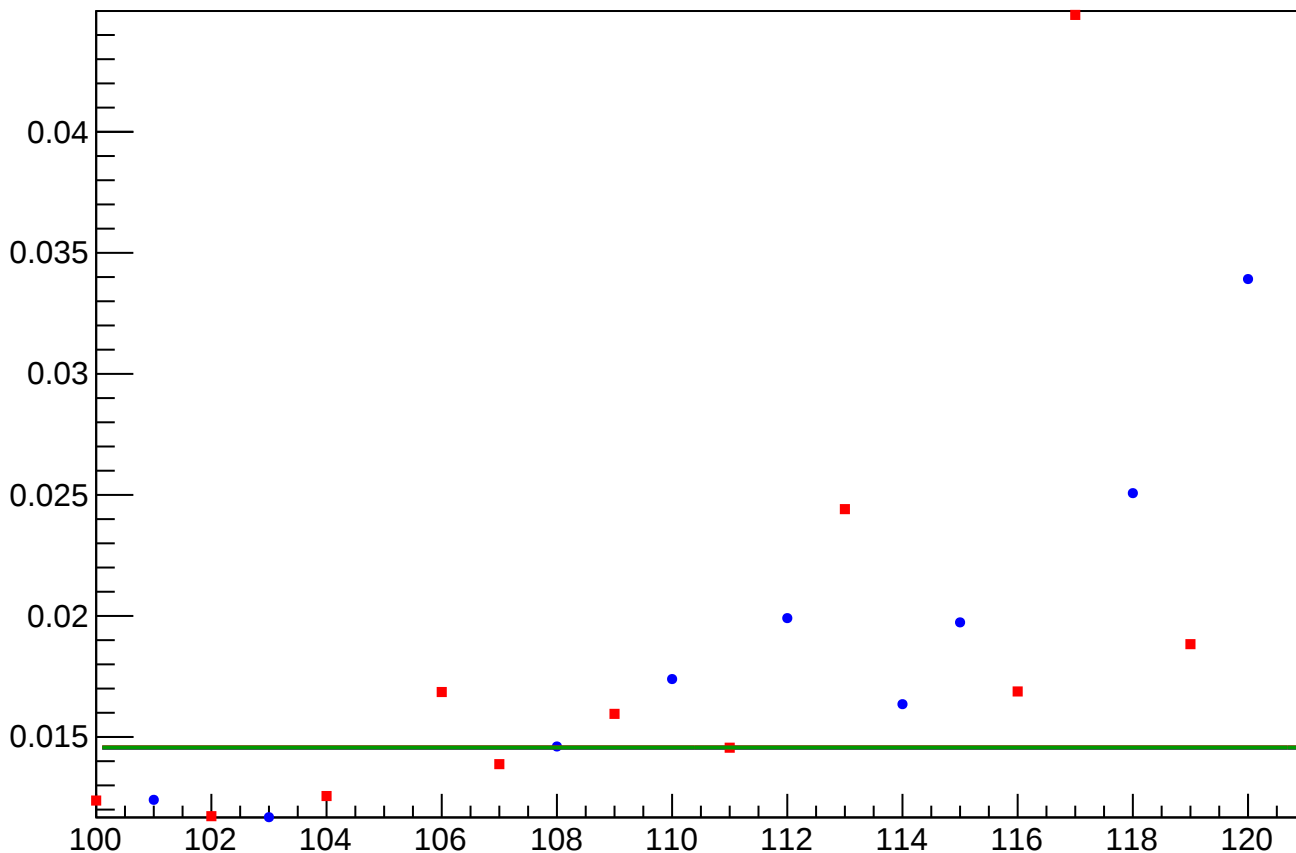
-2.637+/-0.000 χ^2/NDF : 205088021904.0

Right Out: -2.257+/-0.000 χ^2/NDF : 111594152349.9/11

-2.257+/-0.000 χ^2/NDF : 111594152349.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 493942.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 307172.3/11

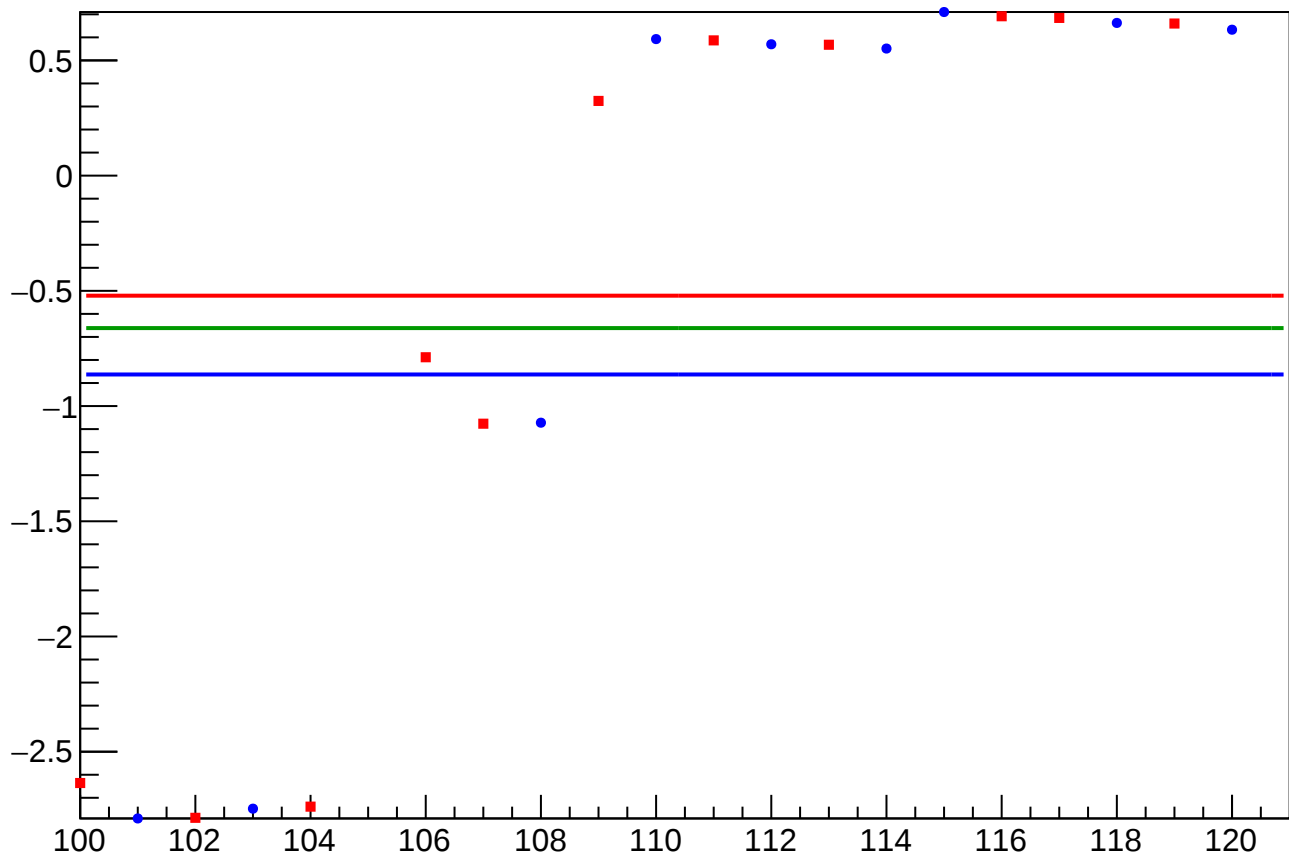
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 493942.6/8

0.015+/-0.000 χ^2/NDF : 801118.6/20

0.015+/-0.000 χ^2/NDF : 307172.3/11

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.863+/-0.000 χ^2/NDF : 497722533237.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.521+/-0.000 χ^2/NDF : 635765380033.8/11

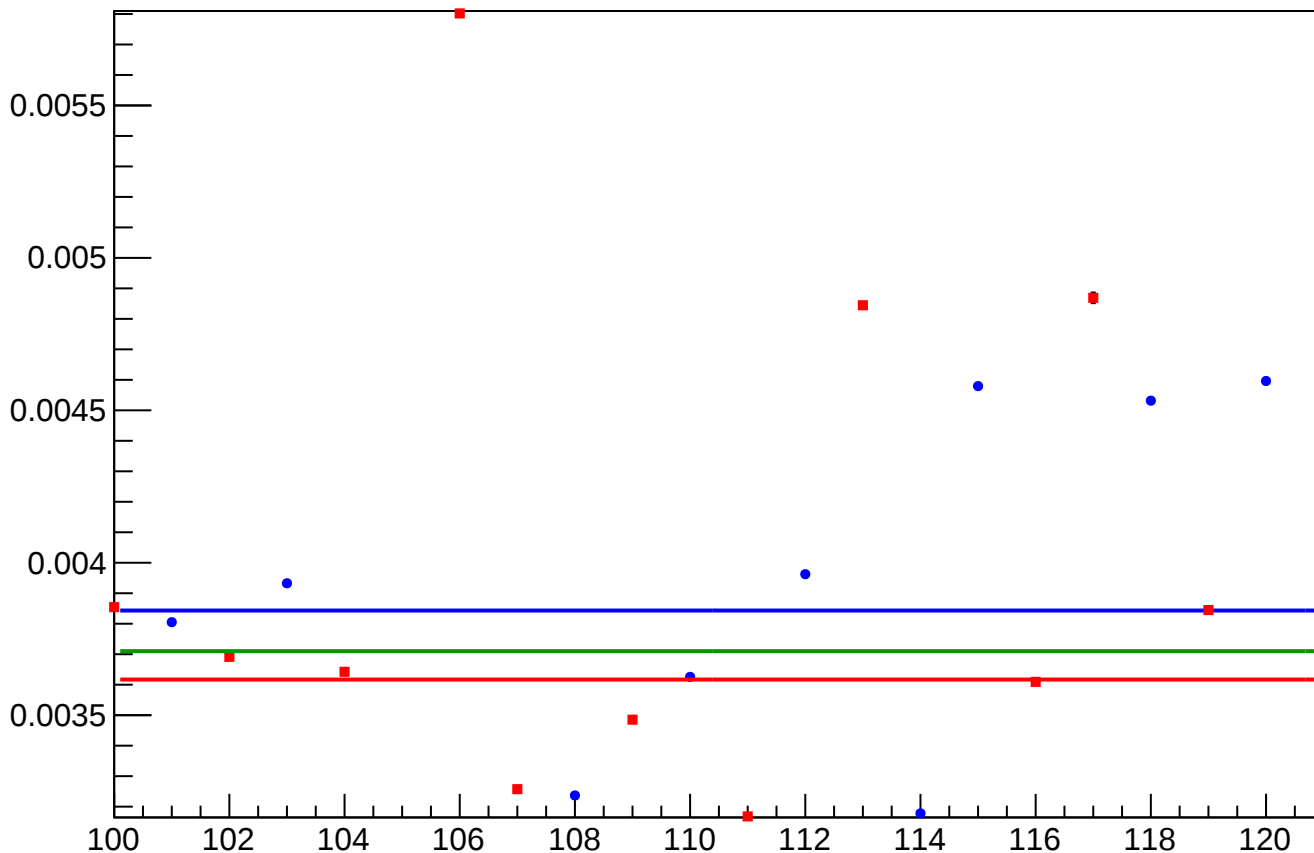
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.863+/-0.000 χ^2/NDF : 497722533237.6/8

-0.662+/-0.000 χ^2/NDF : 1148206851676.0/8

-0.521+/-0.000 χ^2/NDF : 635765380033.8/11

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 82380.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 173849.2/11

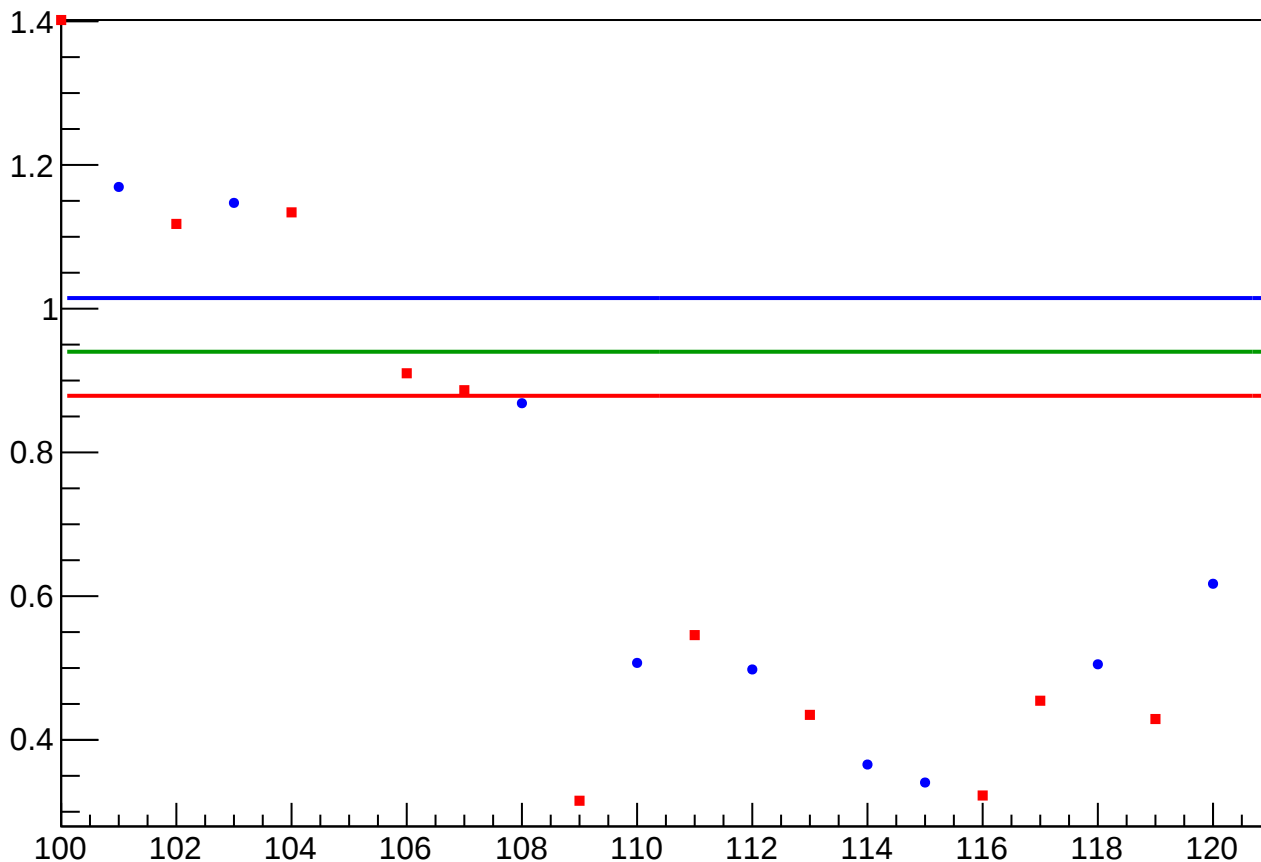
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 82380.8/8

0.004+/-0.000 χ^2/NDF : 269137.6/20

0.004+/-0.000 χ^2/NDF : 173849.2/11

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.015+/-0.000 χ^2/NDF : 5869436829.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.879+/-0.000 χ^2/NDF : 12757084761.9/11

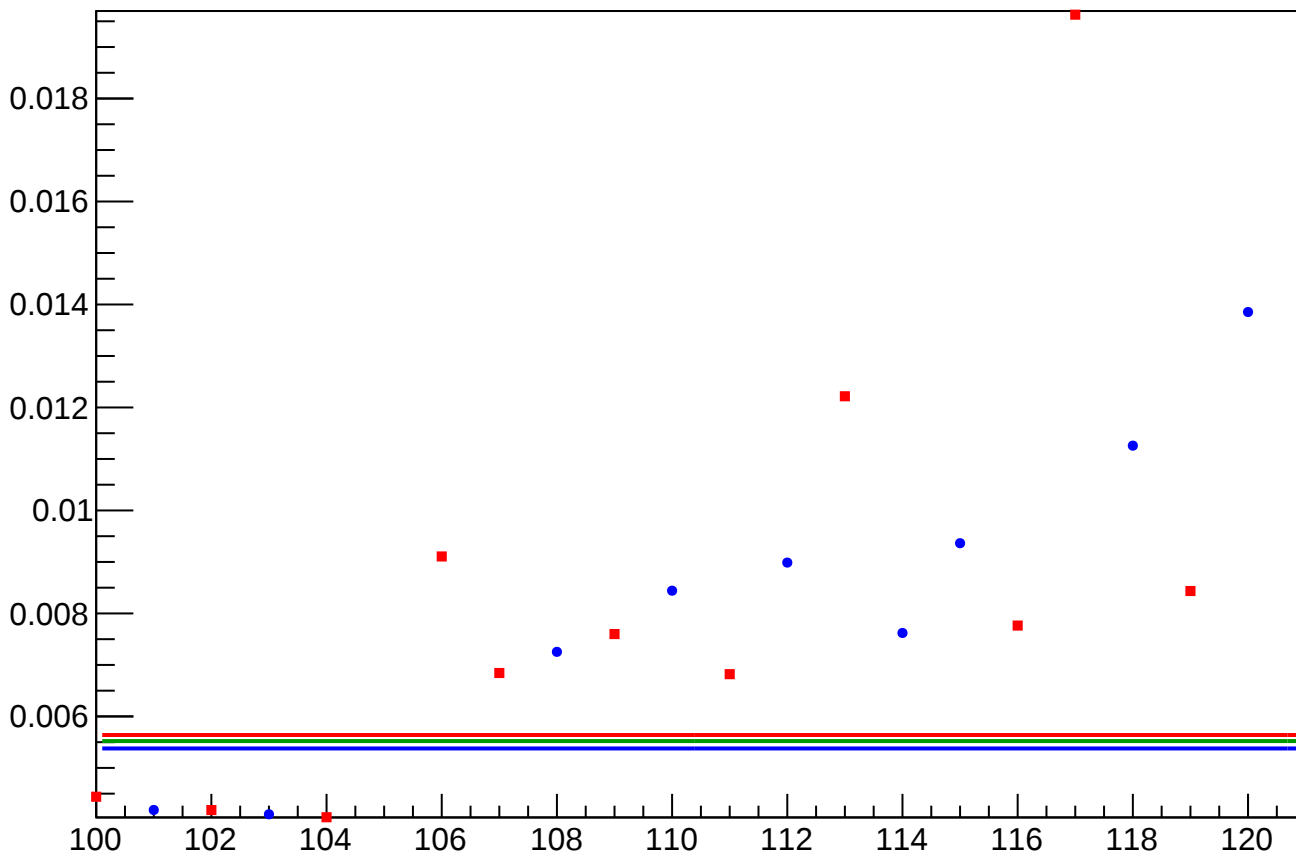
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.015+/-0.000 χ^2/NDF : 5869436829.6/8

0.940+/-0.000 χ^2/NDF : 19511096905.9/2

0.879+/-0.000 χ^2/NDF : 12757084761.9/11

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 915815.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 837688.3/11

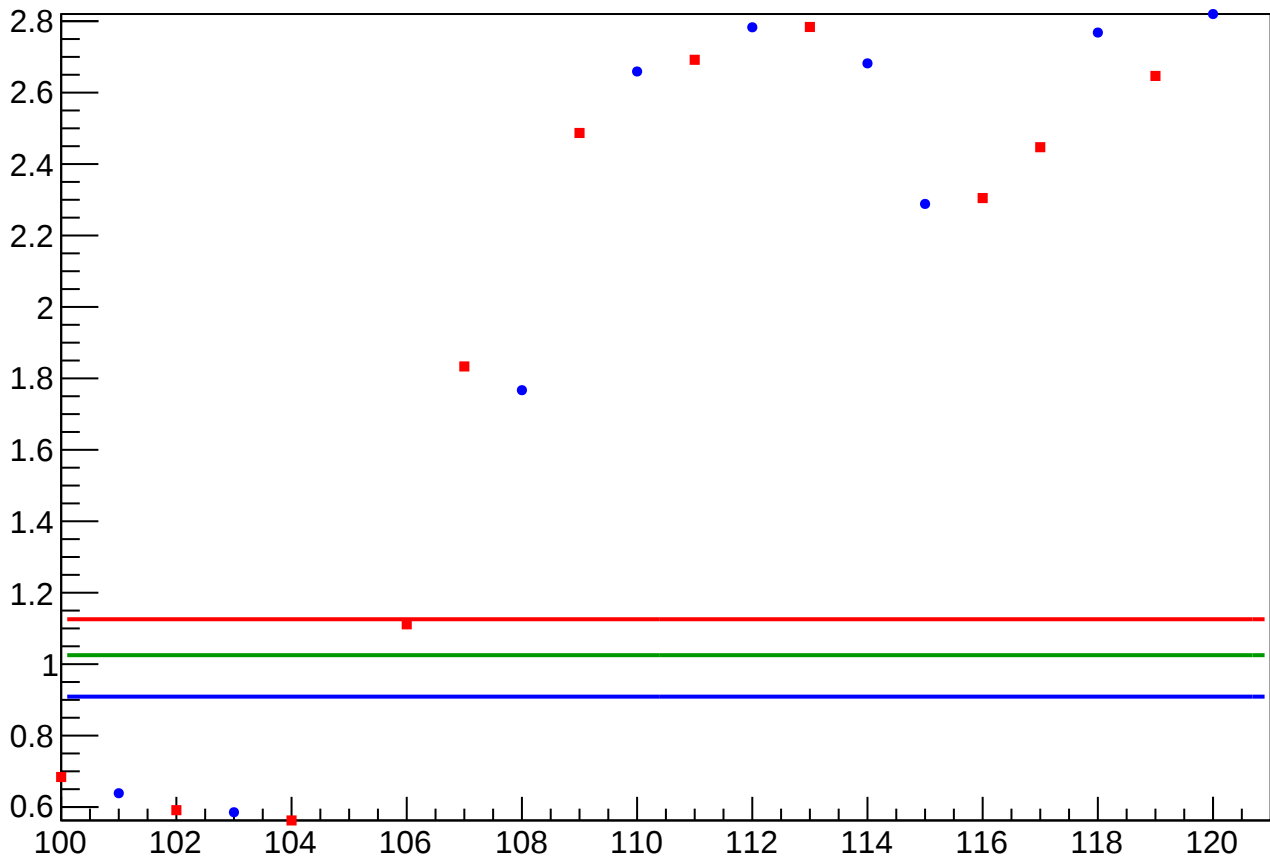
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 915815.8/8

0.006+/-0.000 χ^2/NDF : 1760040.2/20

0.006+/-0.000 χ^2/NDF : 837688.3/11

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.909+/-0.000 χ^2/NDF : 45296723441.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

0.909+/-0.000 χ^2/NDF : 45296723441.4/8

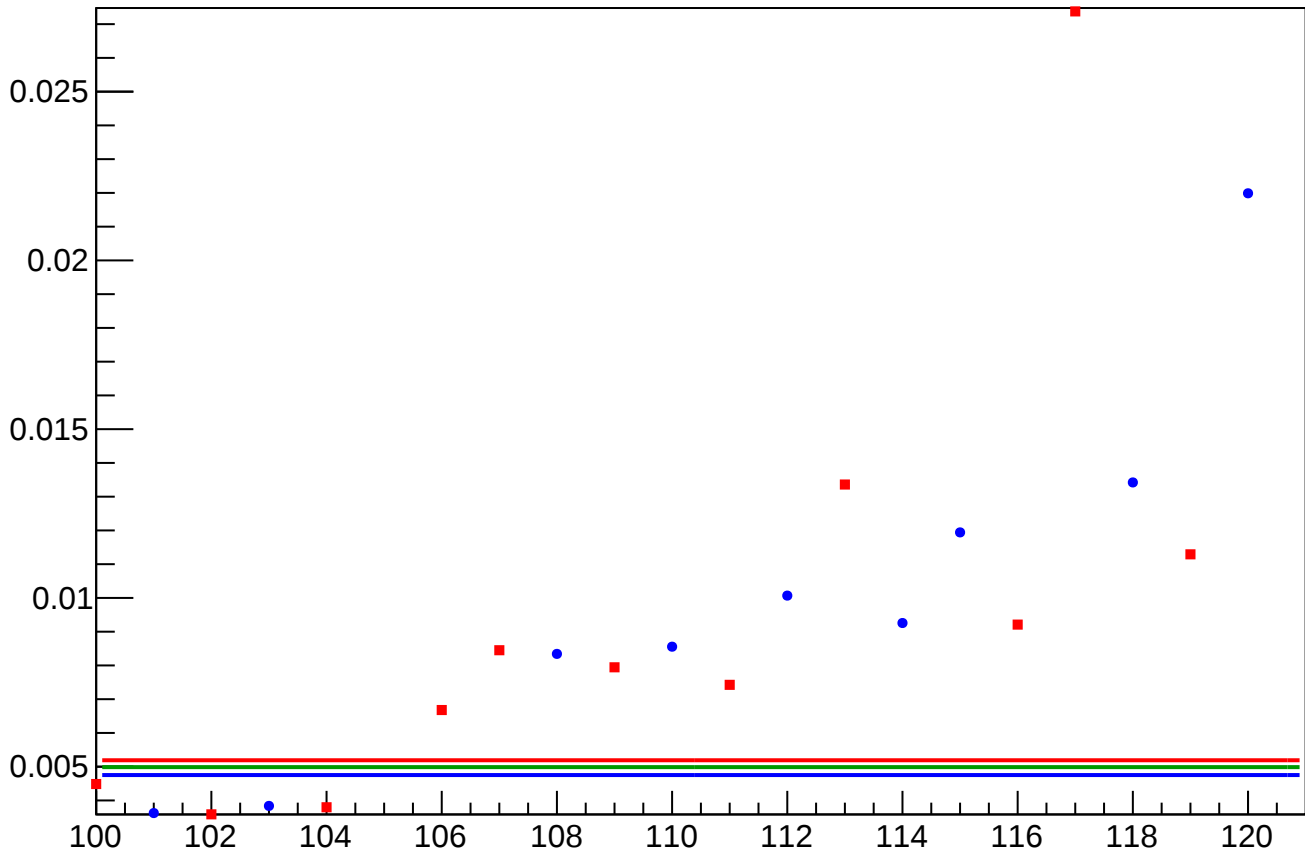
Right Out: 1.126+/-0.000 χ^2/NDF : 80537232664.1/11

1.025+/-0.000 χ^2/NDF : 128246451842.4/11

1.126+/-0.000 χ^2/NDF : 80537232664.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1269703.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1260573.2/11

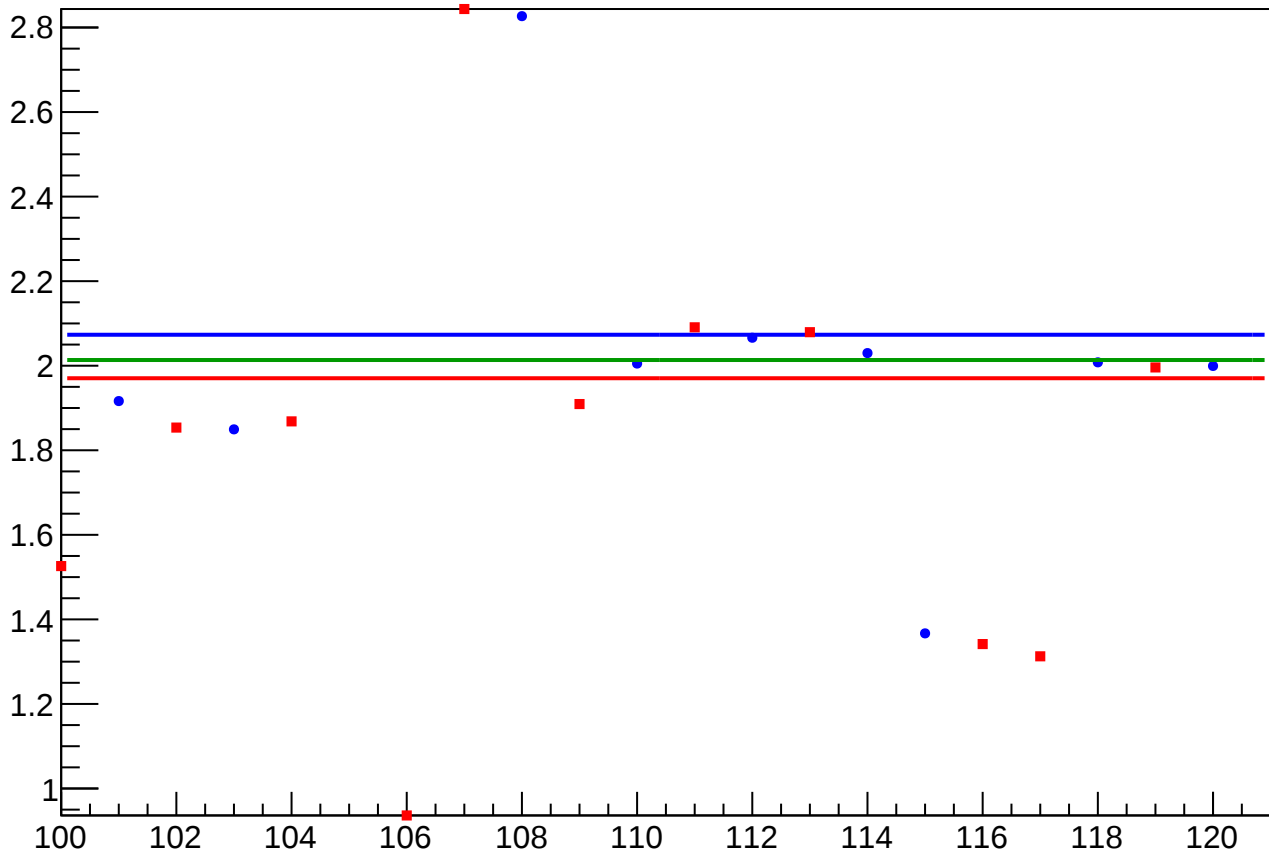
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1269703.6/8

0.005+/-0.000 χ^2/NDF : 2550034.1/20

0.005+/-0.000 χ^2/NDF : 1260573.2/11

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.073+/-0.000 χ^2/NDF : 7383733269.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.970+/-0.000 χ^2/NDF : 15396831020.6/11

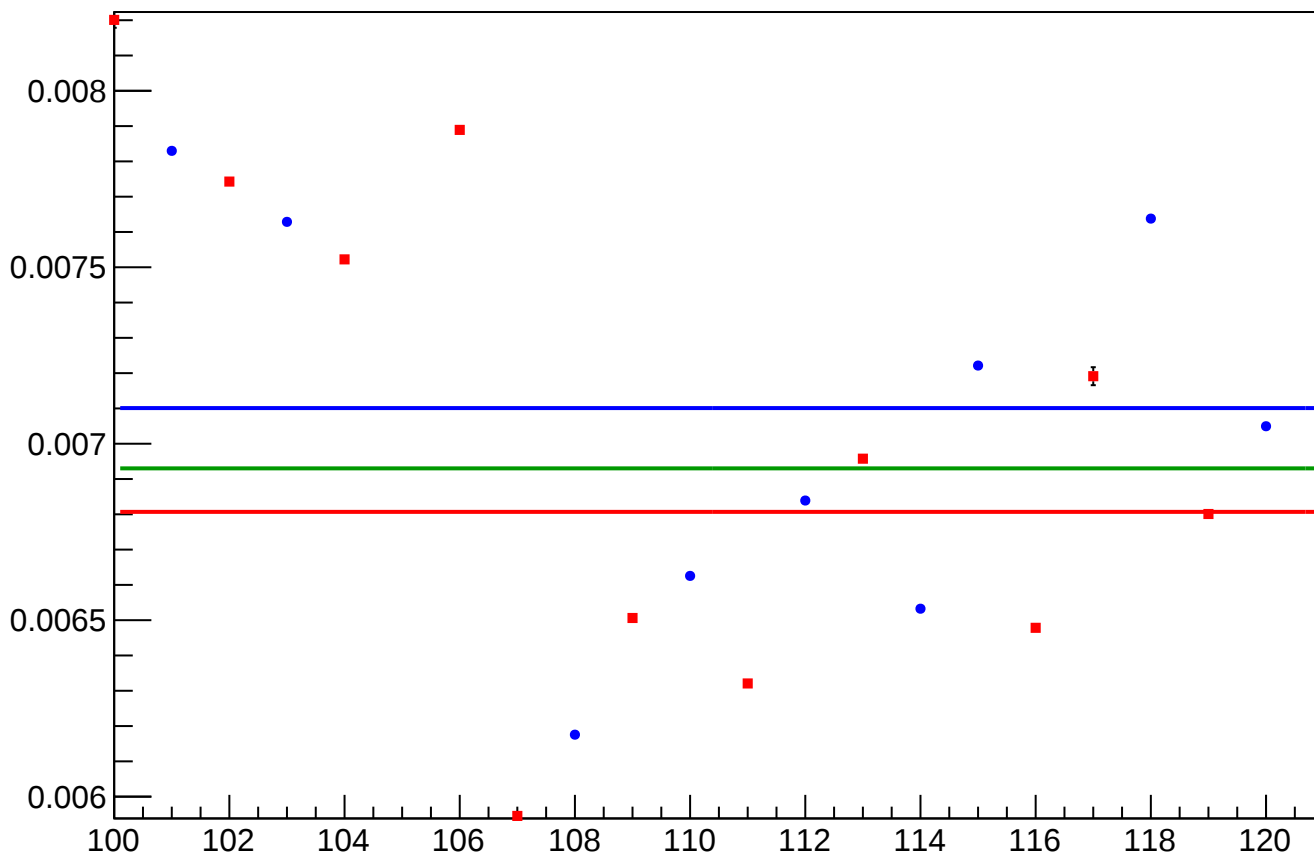
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.073+/-0.000 χ^2/NDF : 7383733269.6/8

2.013+/-0.000 χ^2/NDF : 23174250958.2/2

1.970+/-0.000 χ^2/NDF : 15396831020.6/11

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 41718.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 63183.7/11

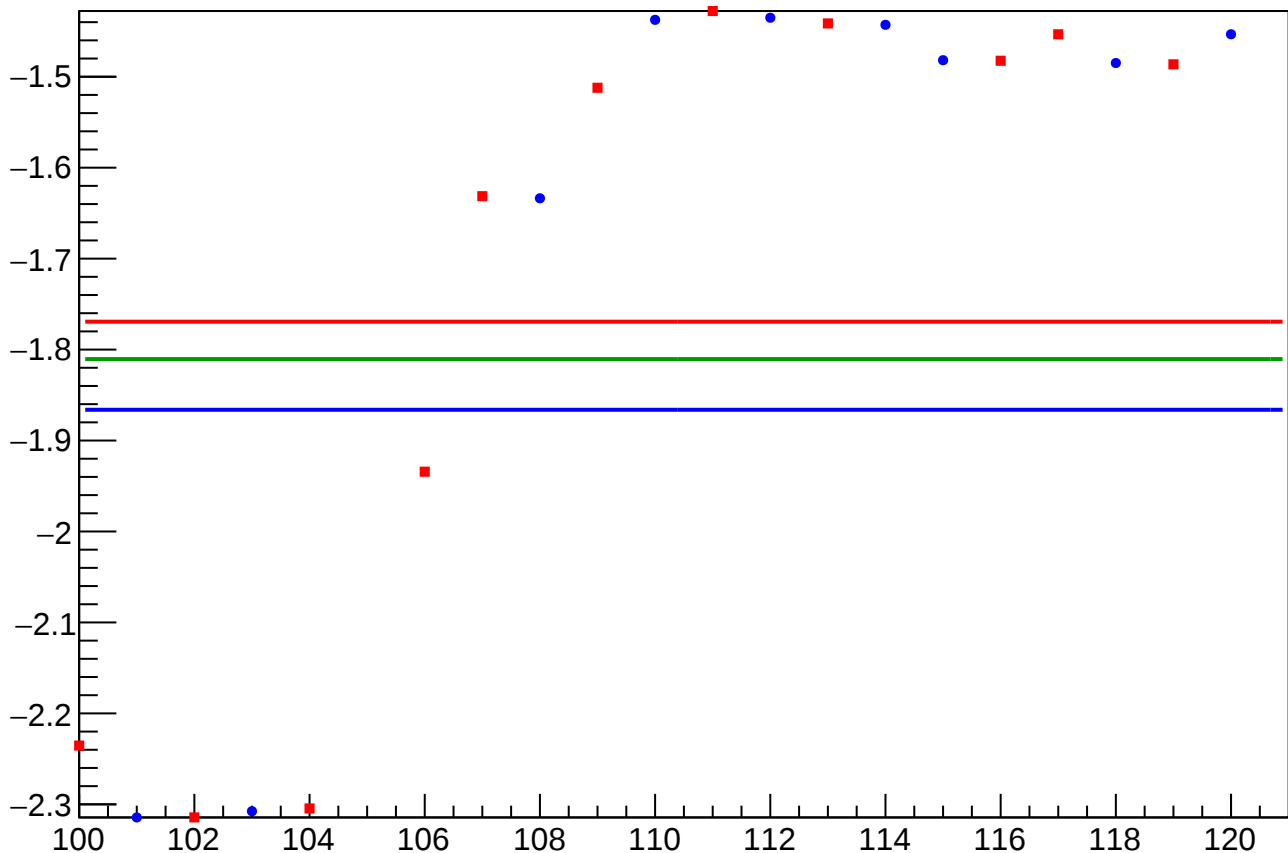
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 41718.7/8

0.007+/-0.000 χ^2/NDF : 111337.1/20

0.007+/-0.000 χ^2/NDF : 63183.7/11

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.866+/-0.000 χ^2/NDF : 71109101890.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.866+/-0.000 χ^2/NDF : 71109101890.7/8

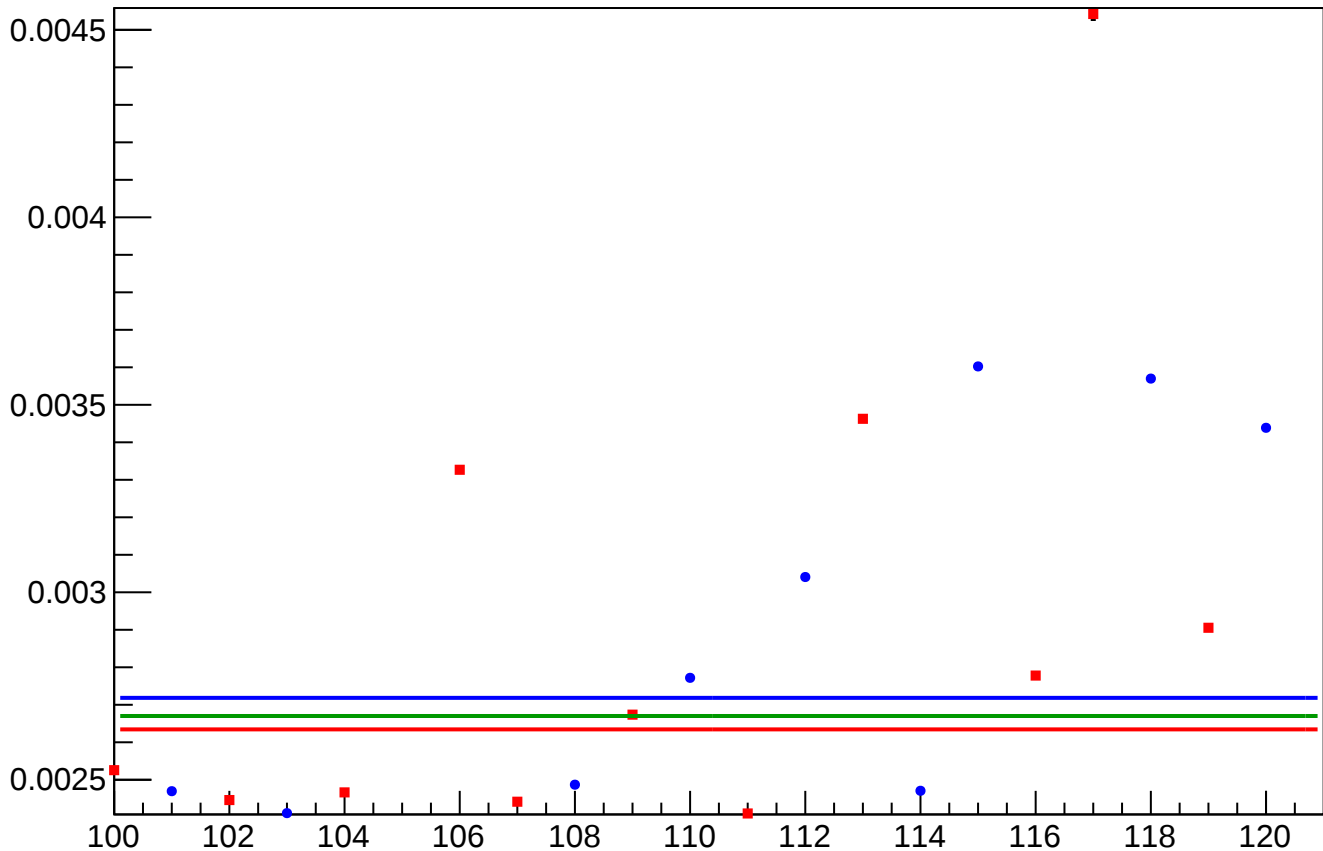
-1.810+/-0.000 χ^2/NDF : 154947594648.9

Right Out: -1.769+/-0.000 χ^2/NDF : 81541570588.9/11

-1.769+/-0.000 χ^2/NDF : 81541570588.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 138511.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 113180.3/11

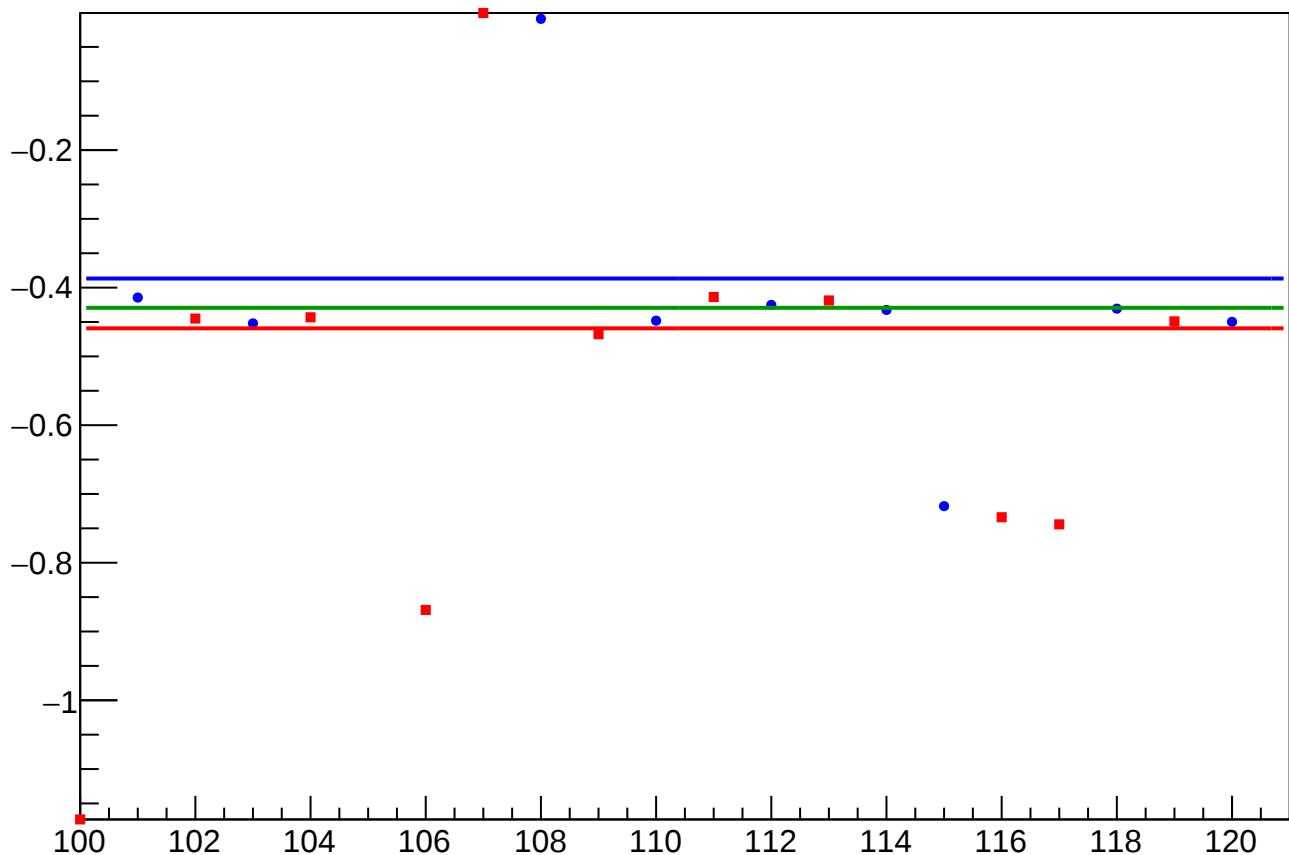
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 138511.4/8

0.003+/-0.000 χ^2/NDF : 255155.8/20

0.003+/-0.000 χ^2/NDF : 113180.3/11

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.387+/-0.000 χ^2/NDF : 653620042.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.459+/-0.000 χ^2/NDF : 1631010622.1/11

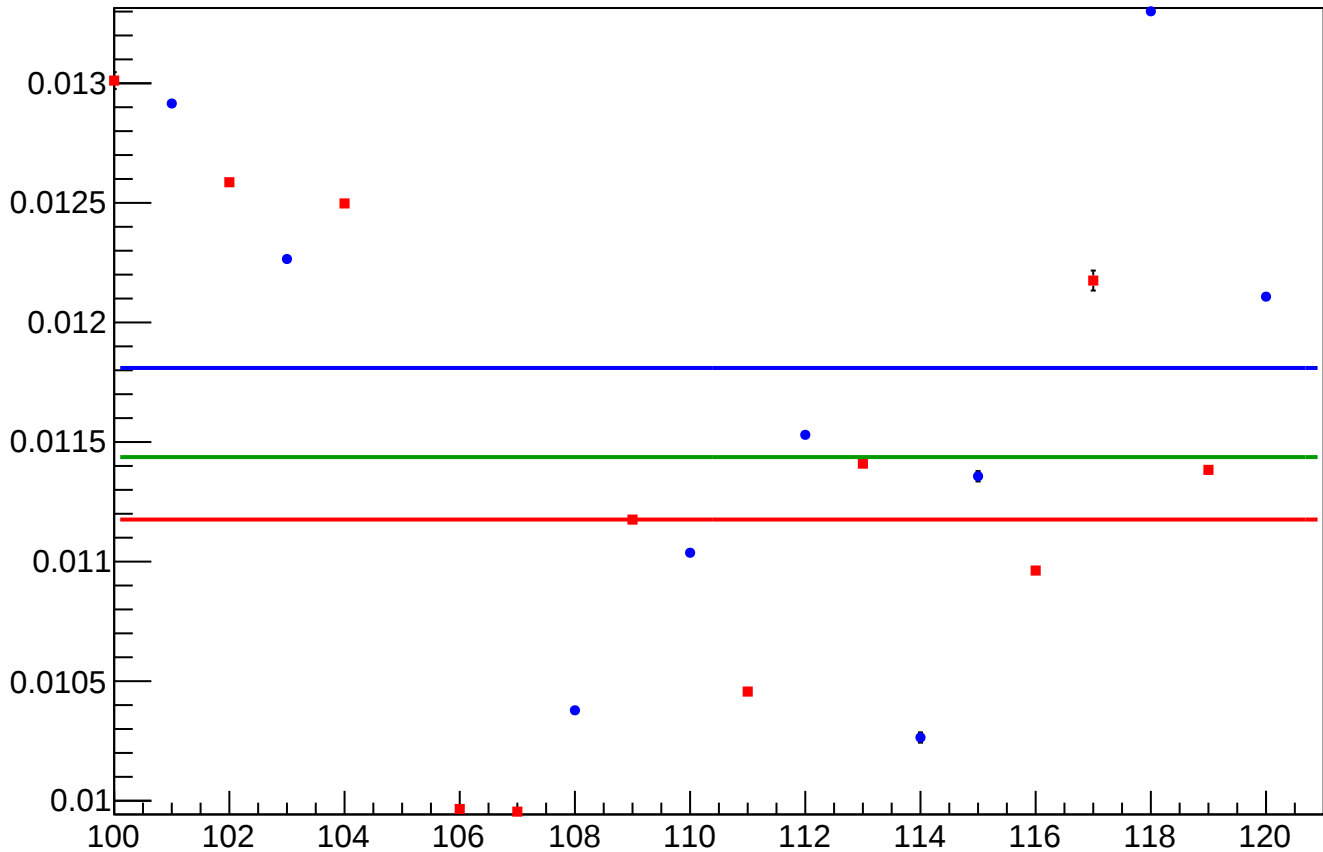
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.387+/-0.000 χ^2/NDF : 653620042.6/8

-0.429+/-0.000 χ^2/NDF : 2357941273.7/20

-0.459+/-0.000 χ^2/NDF : 1631010622.1/11

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 45505.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 51452.5/11

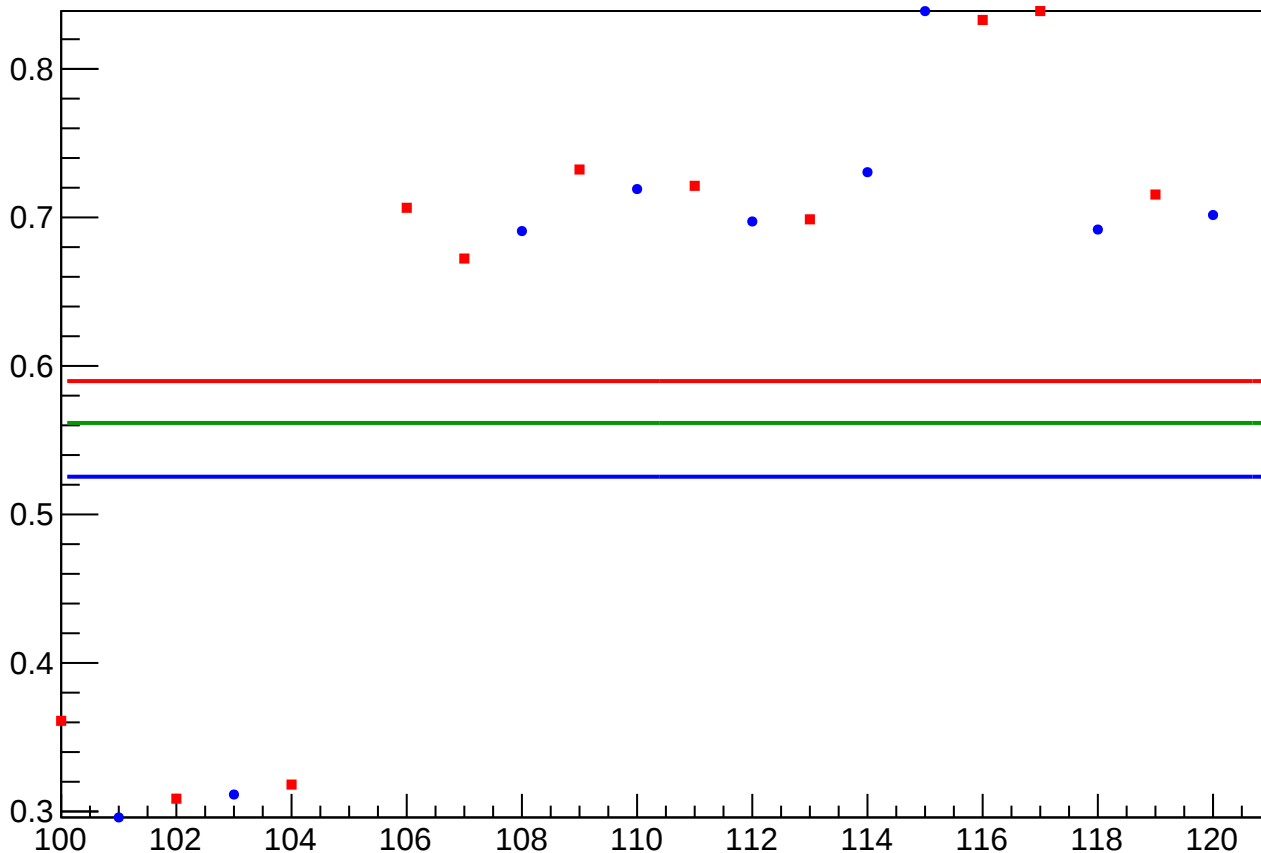
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 45505.3/8

0.011+/-0.000 χ^2/NDF : 108180.7/20

0.011+/-0.000 χ^2/NDF : 51452.5/11

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.525+/-0.000 χ^2/NDF : 17910796980.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.590+/-0.000 χ^2/NDF : 21172143421.8/11

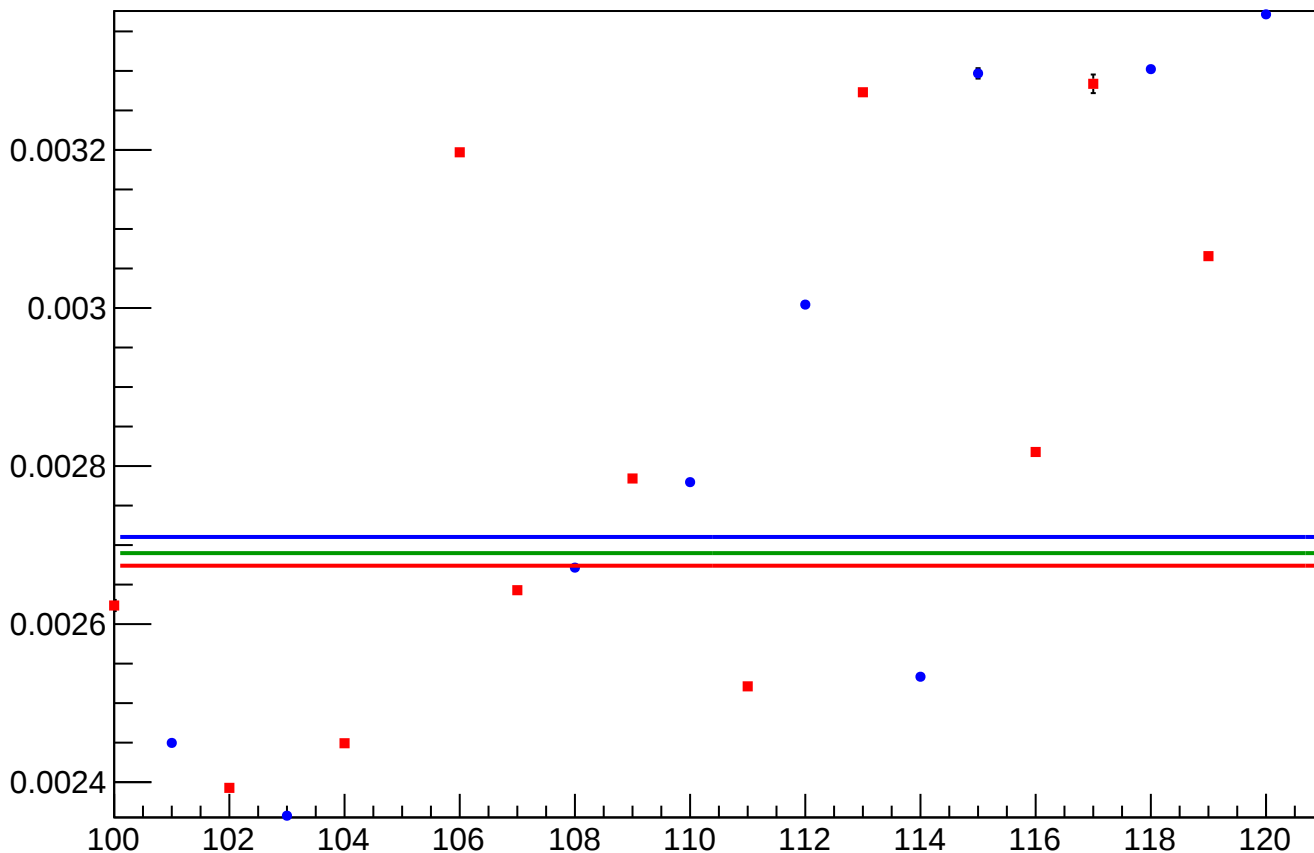
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.525+/-0.000 χ^2/NDF : 17910796980.0/8

0.562+/-0.000 χ^2/NDF : 40097577251.7/2

0.590+/-0.000 χ^2/NDF : 21172143421.8/11

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 108222.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 87121.5/11

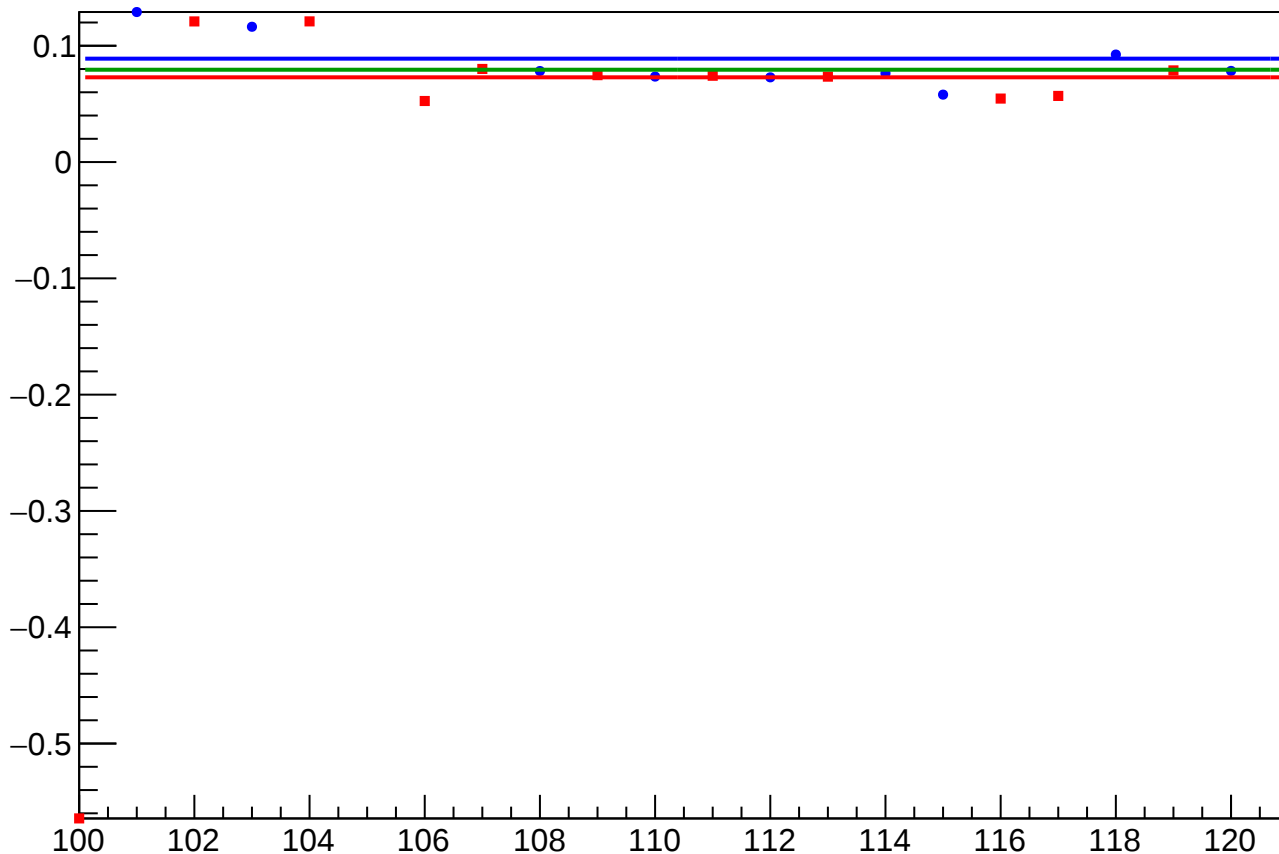
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 108222.5/8

0.003+/-0.000 χ^2/NDF : 195991.4/20

0.003+/-0.000 χ^2/NDF : 87121.5/11

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 14499557.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 220821358.7/11

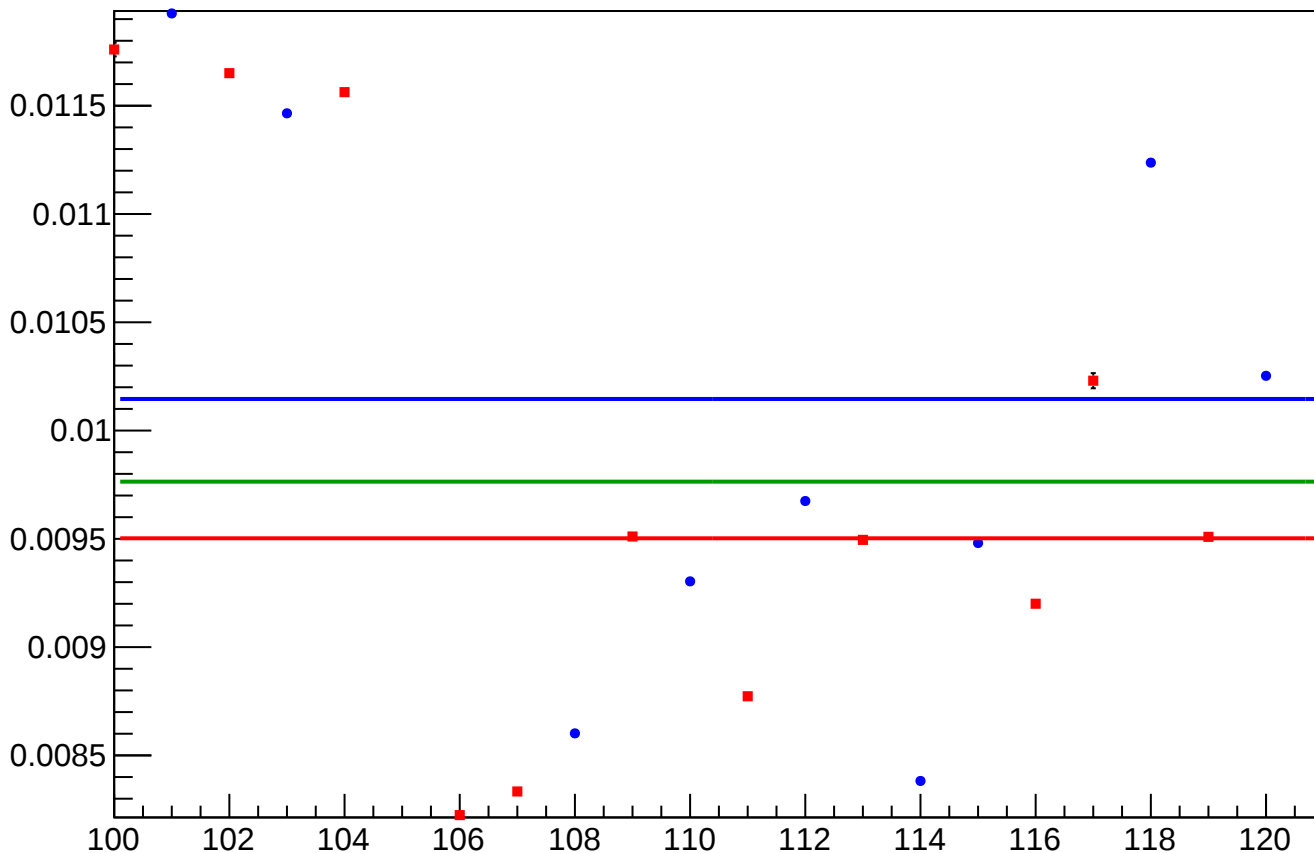
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 14499557.2/8

0.079+/-0.000 χ^2/NDF : 240191586.1/20

0.073+/-0.000 χ^2/NDF : 220821358.7/11

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 91980.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 106657.2/11

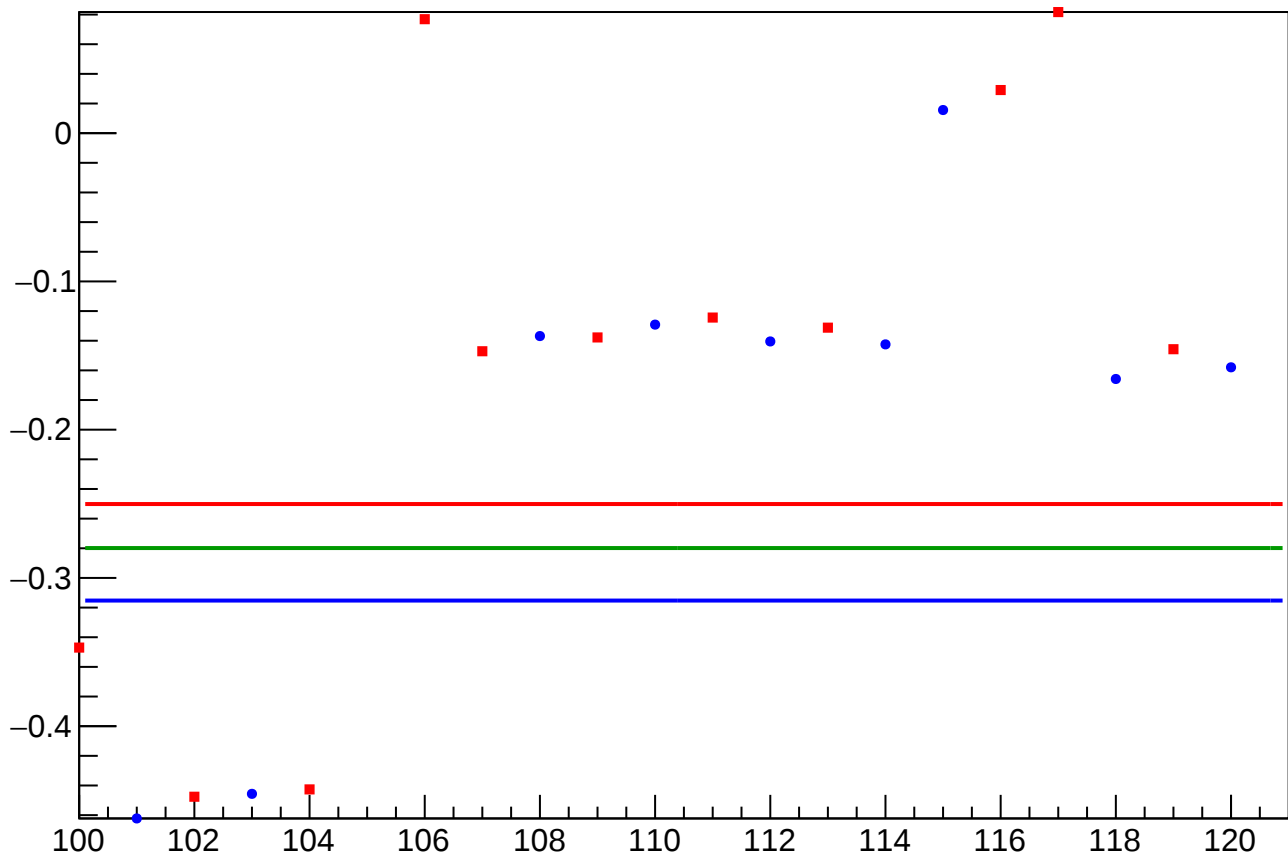
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 91980.3/8

0.010+/-0.000 χ^2/NDF : 214308.1/20

0.010+/-0.000 χ^2/NDF : 106657.2/11

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.315+/-0.000 χ^2/NDF : 3958965016.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.250+/-0.000 χ^2/NDF : 5723355321.7/11

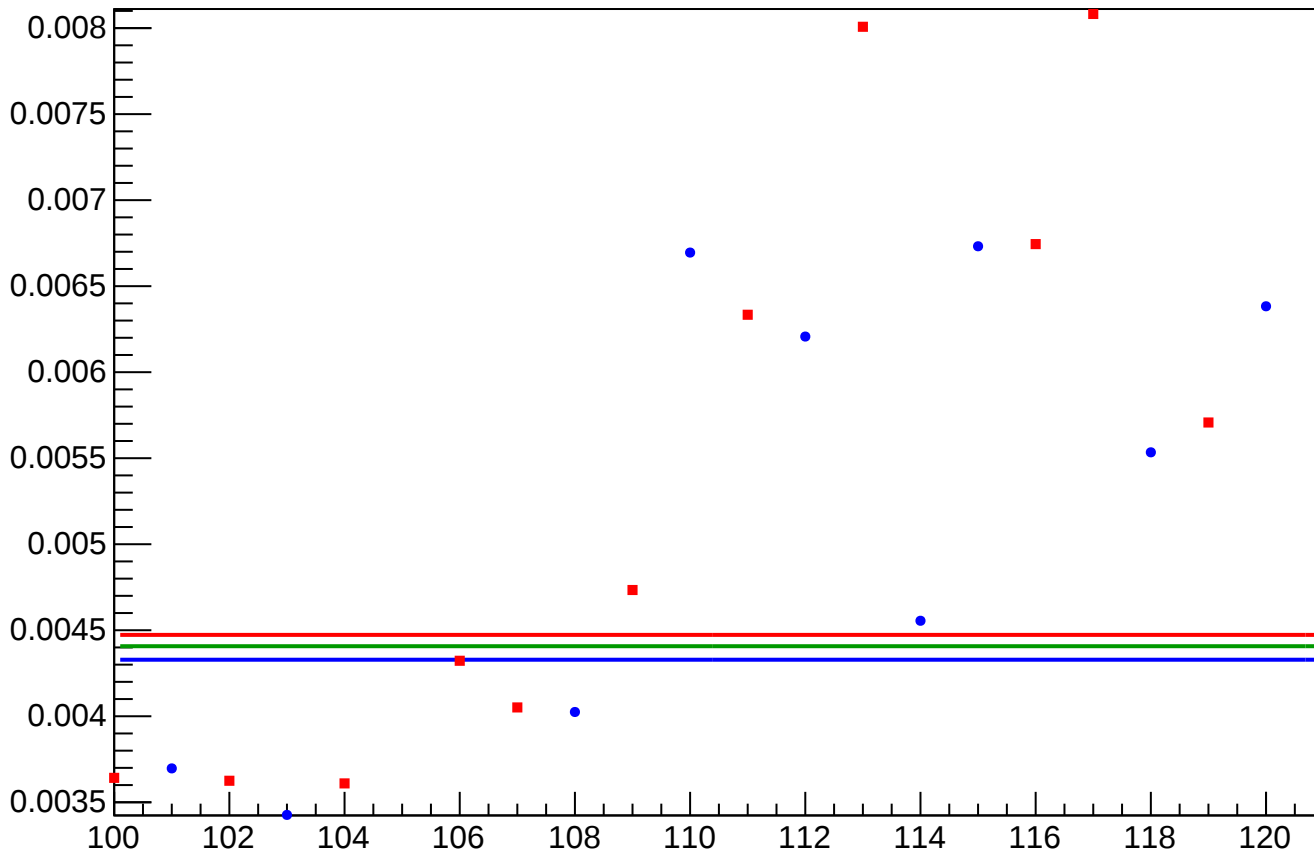
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.315+/-0.000 χ^2/NDF : 3958965016.9/8

-0.280+/-0.000 χ^2/NDF : 10049060986.0/11

-0.250+/-0.000 χ^2/NDF : 5723355321.7/11

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 404567.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 472367.7/11

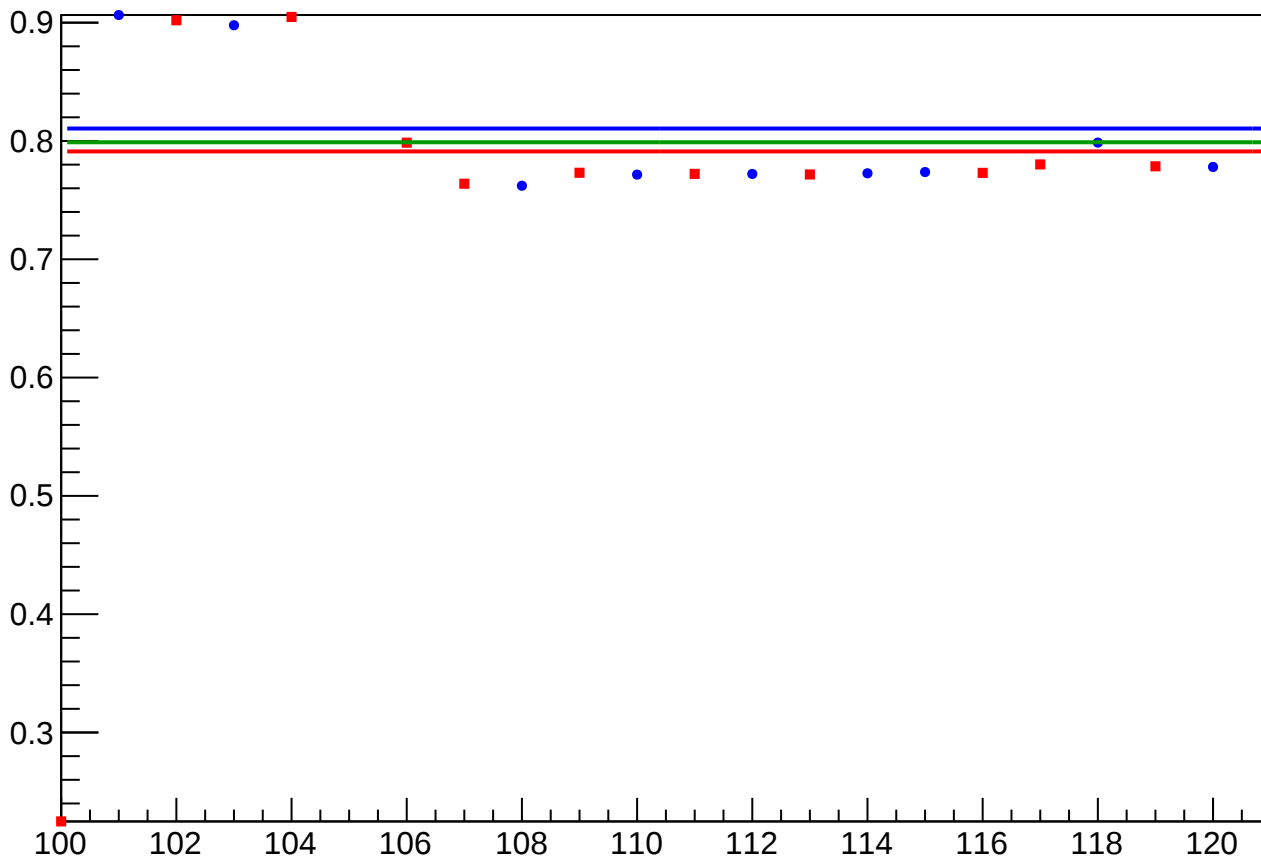
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 404567.8/8

0.004+/-0.000 χ^2/NDF : 880543.4/20

0.004+/-0.000 χ^2/NDF : 472367.7/11

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.811+/-0.000 χ^2/NDF : 86560069.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.791+/-0.000 χ^2/NDF : 237669660.6/11

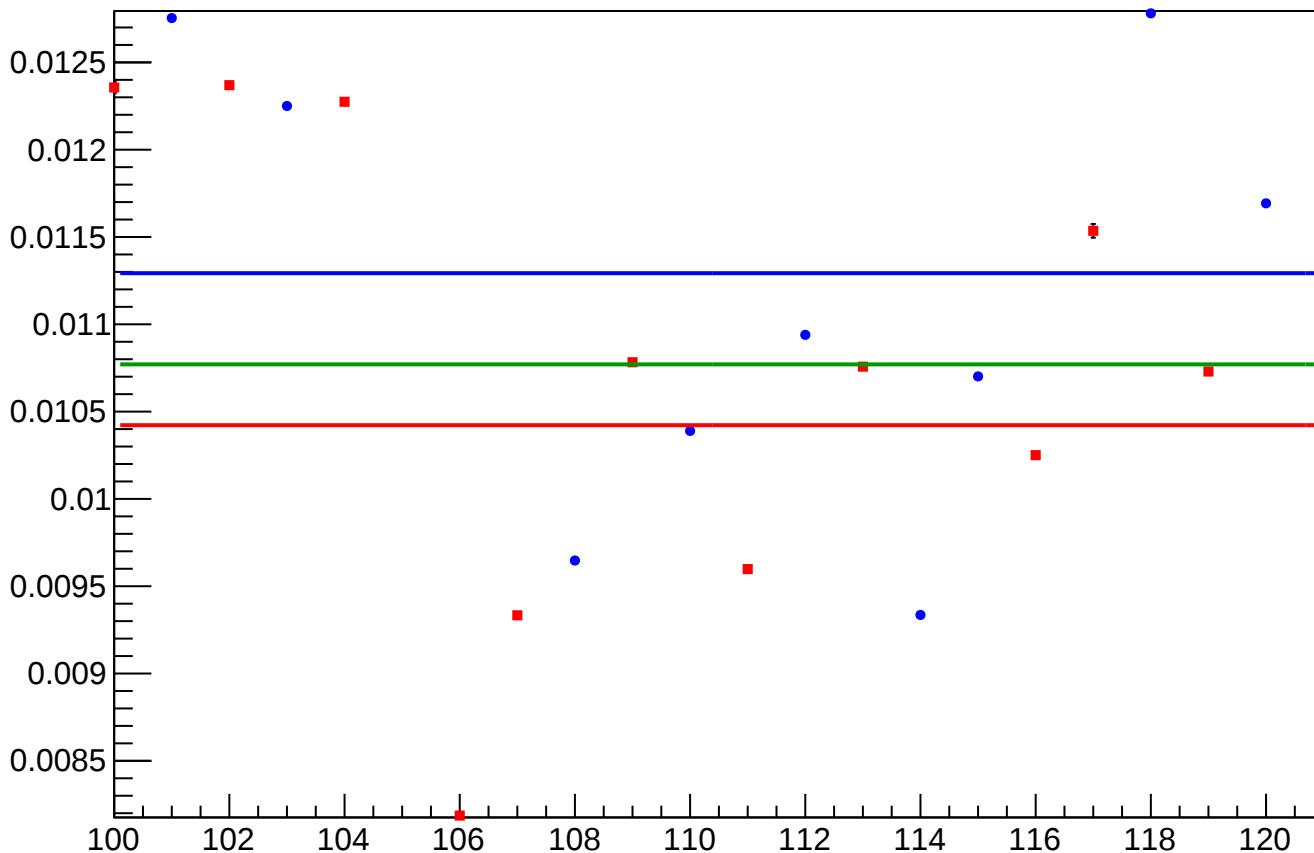
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.811+/-0.000 χ^2/NDF : 86560069.4/8

0.799+/-0.000 χ^2/NDF : 330025777.1/20

0.791+/-0.000 χ^2/NDF : 237669660.6/11

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 73437.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 114677.0/11

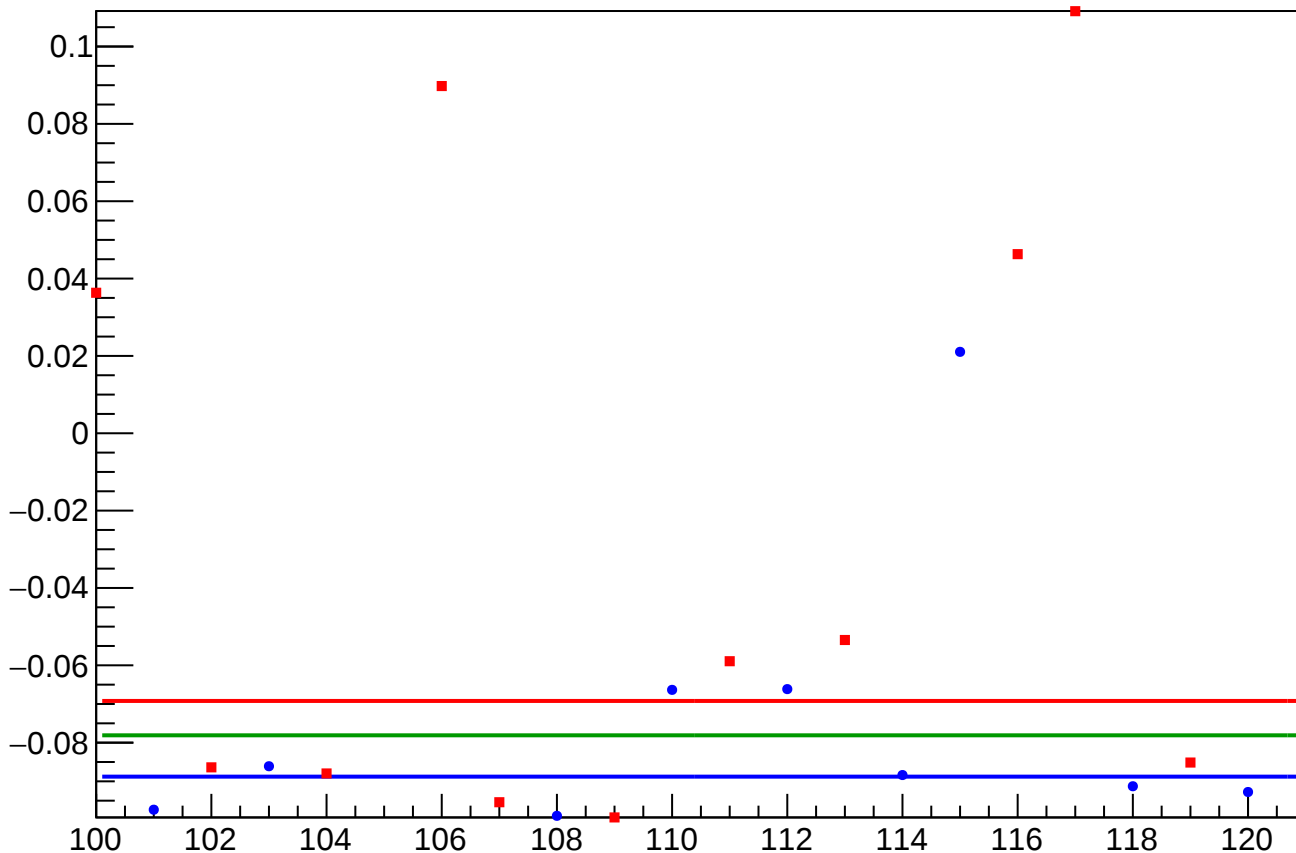
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 73437.4/8

0.011+/-0.000 χ^2/NDF : 211557.5/20

0.010+/-0.000 χ^2/NDF : 114677.0/11

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.000 χ^2/NDF : 35074057.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.069 ± 0.000 χ^2/NDF : 440886766.7/11

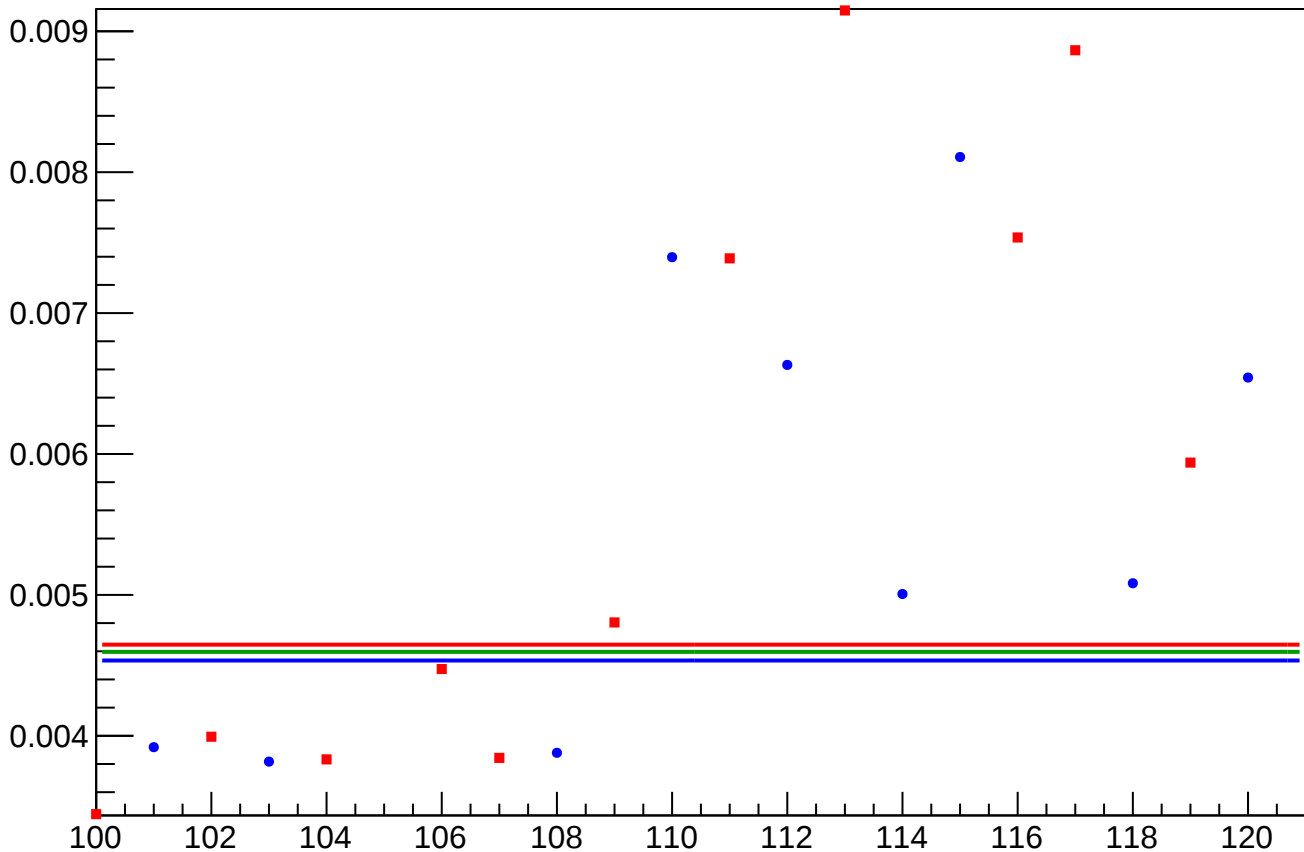
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.089 ± 0.000 χ^2/NDF : 35074057.2/8

-0.078 ± 0.000 χ^2/NDF : 505498605.8/20

-0.069 ± 0.000 χ^2/NDF : 440886766.7/11

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 371123.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 548587.1/11

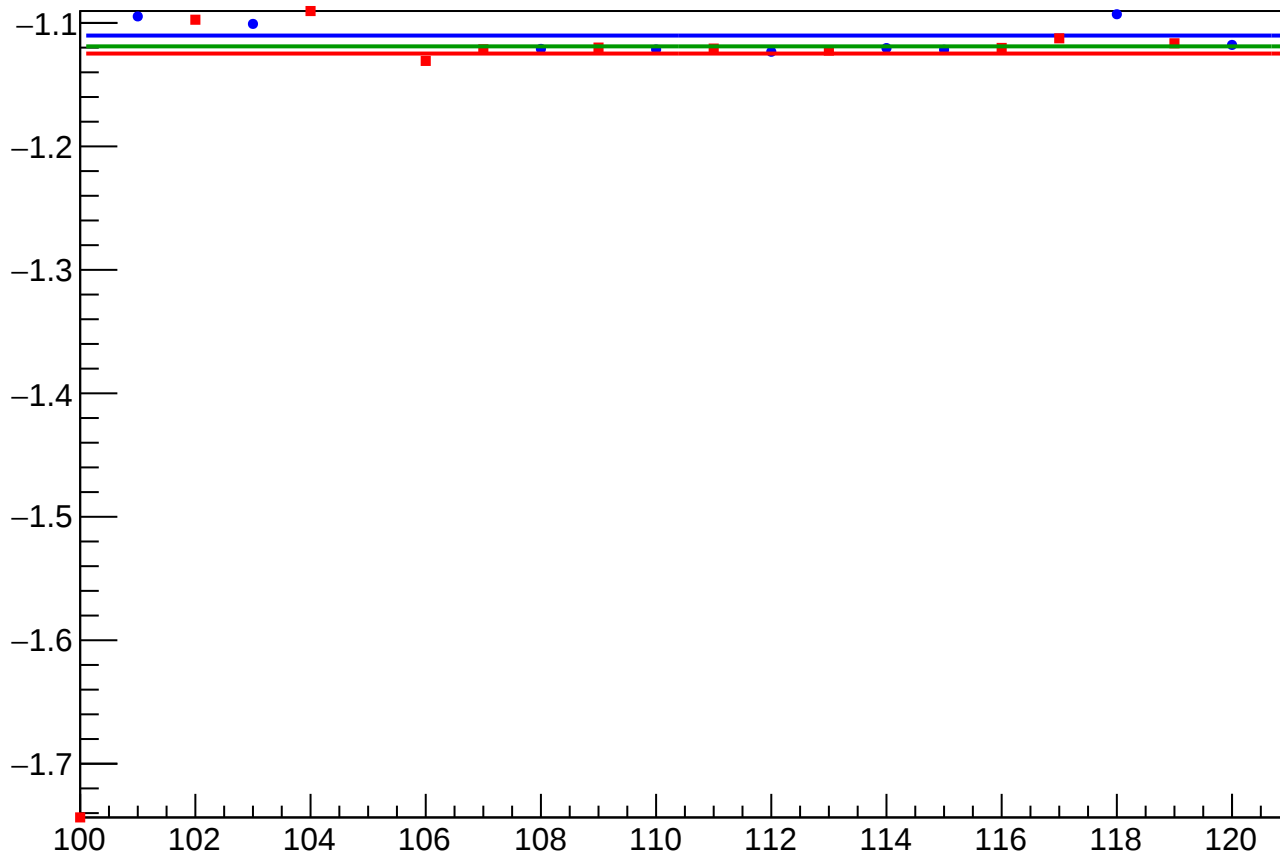
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 371123.3/8

0.005+/-0.000 χ^2/NDF : 921660.1/20

0.005+/-0.000 χ^2/NDF : 548587.1/11

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 3579891.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.125+/-0.000 χ^2/NDF : 205057222.5/11

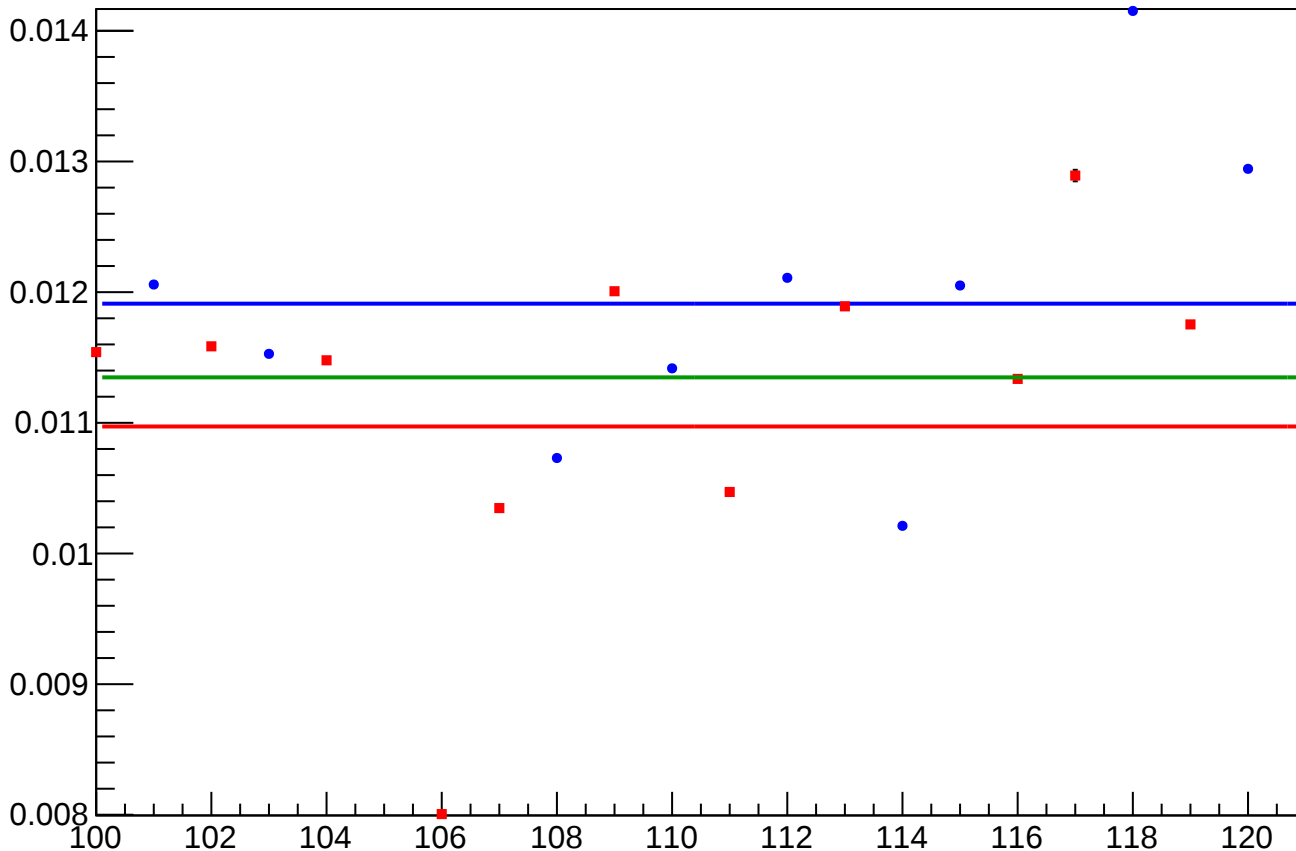
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.110+/-0.000 χ^2/NDF : 3579891.4/8

-1.119+/-0.000 χ^2/NDF : 211596579.9/20

-1.125+/-0.000 χ^2/NDF : 205057222.5/11

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 45351.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 114581.1/11

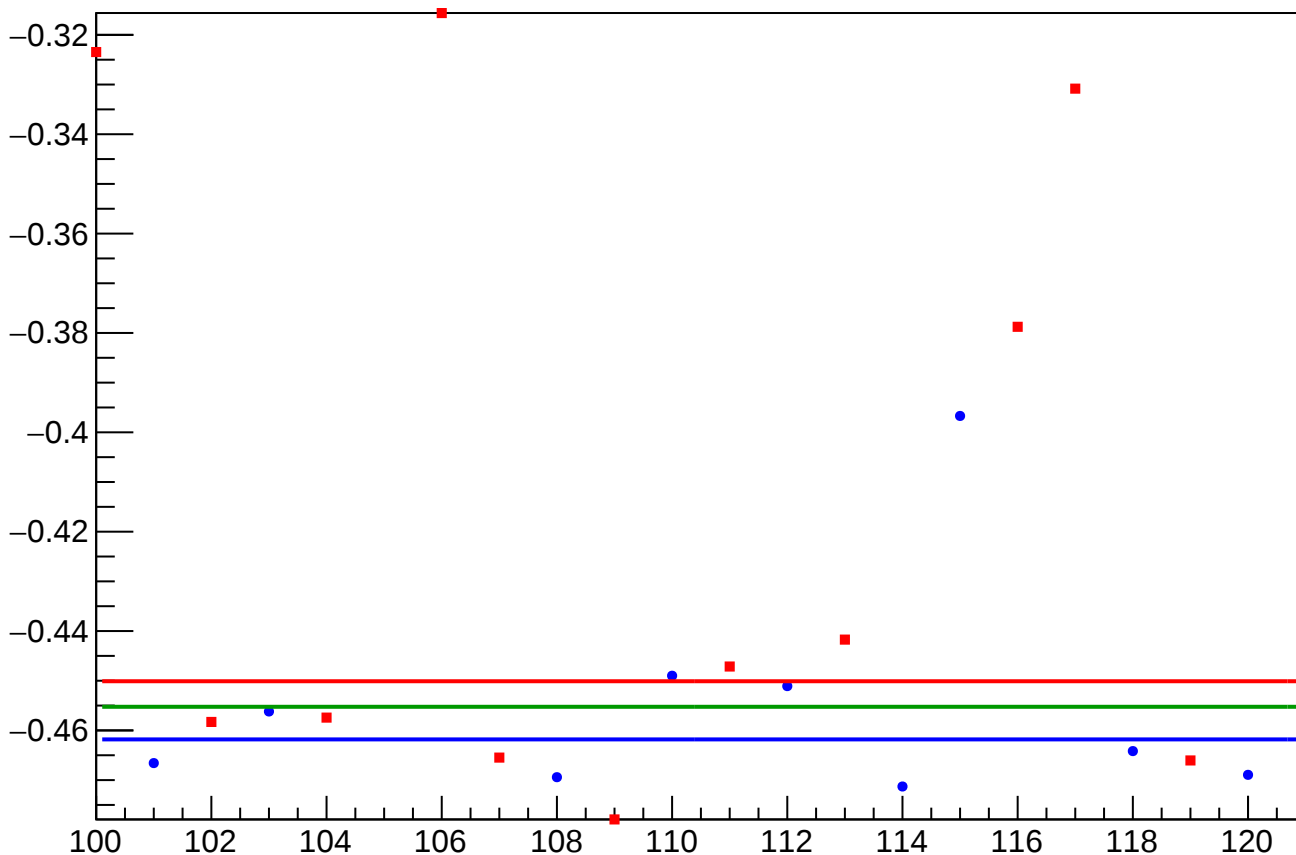
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 45351.1/8

0.011+/-0.000 χ^2/NDF : 184548.6/20

0.011+/-0.000 χ^2/NDF : 114581.1/11

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 21325046.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.450+/-0.000 χ^2/NDF : 359632088.0/11

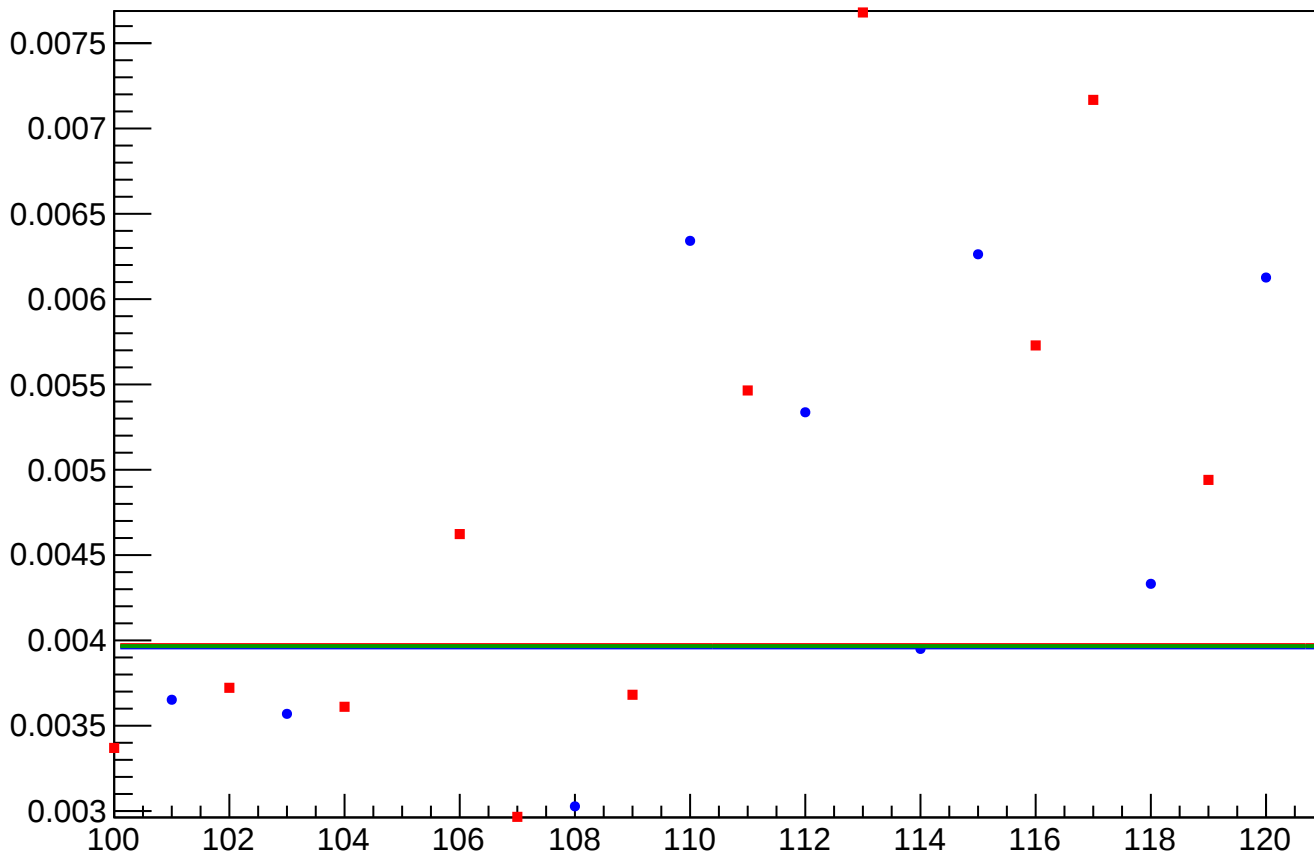
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.462+/-0.000 χ^2/NDF : 21325046.9/8

-0.455+/-0.000 χ^2/NDF : 395047140.3/20

-0.450+/-0.000 χ^2/NDF : 359632088.0/11

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 339616.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 452853.2/11

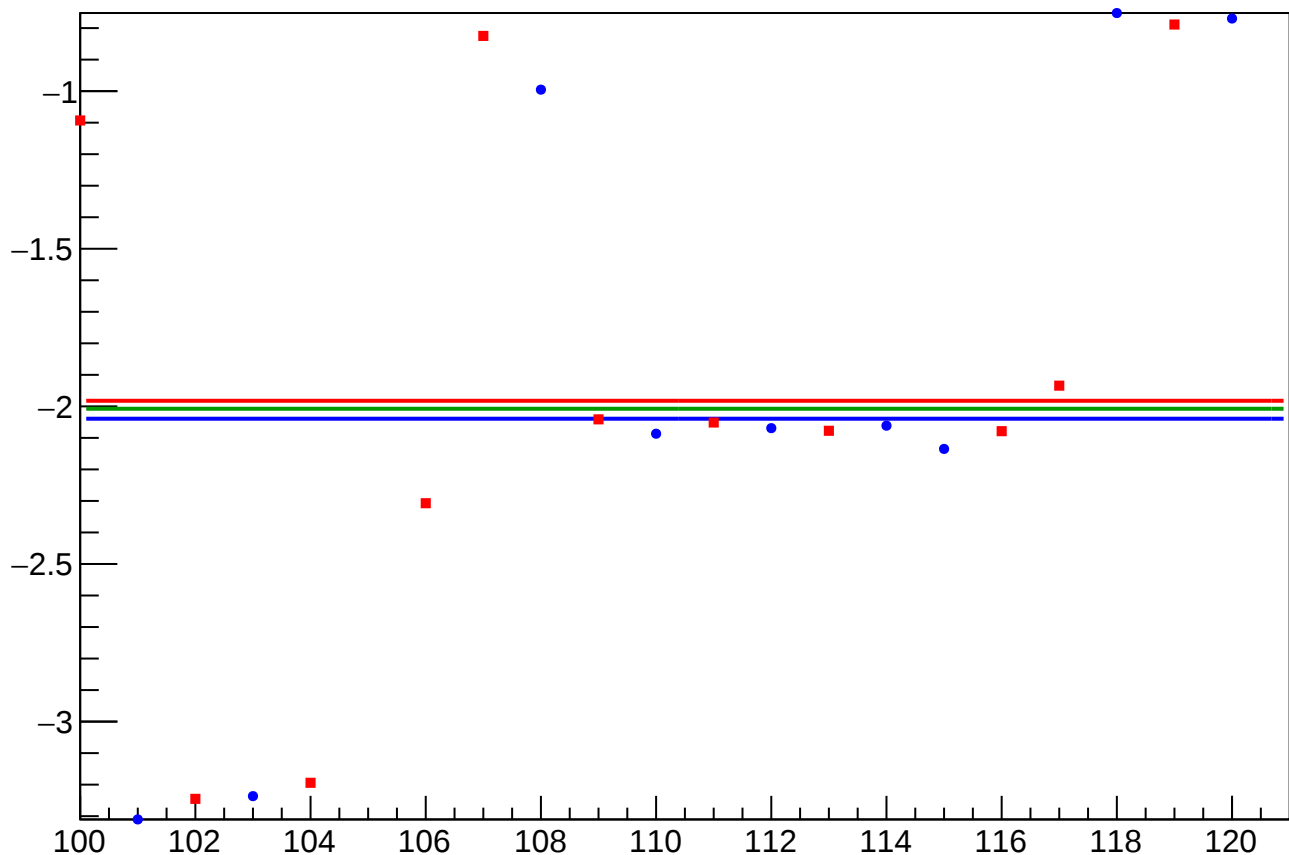
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 339616.0/8

0.004+/-0.000 χ^2/NDF : 792507.1/20

0.004+/-0.000 χ^2/NDF : 452853.2/11

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.039+/-0.000 χ^2/NDF : 683577551.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.982+/-0.000 χ^2/NDF : 649097000.7/11

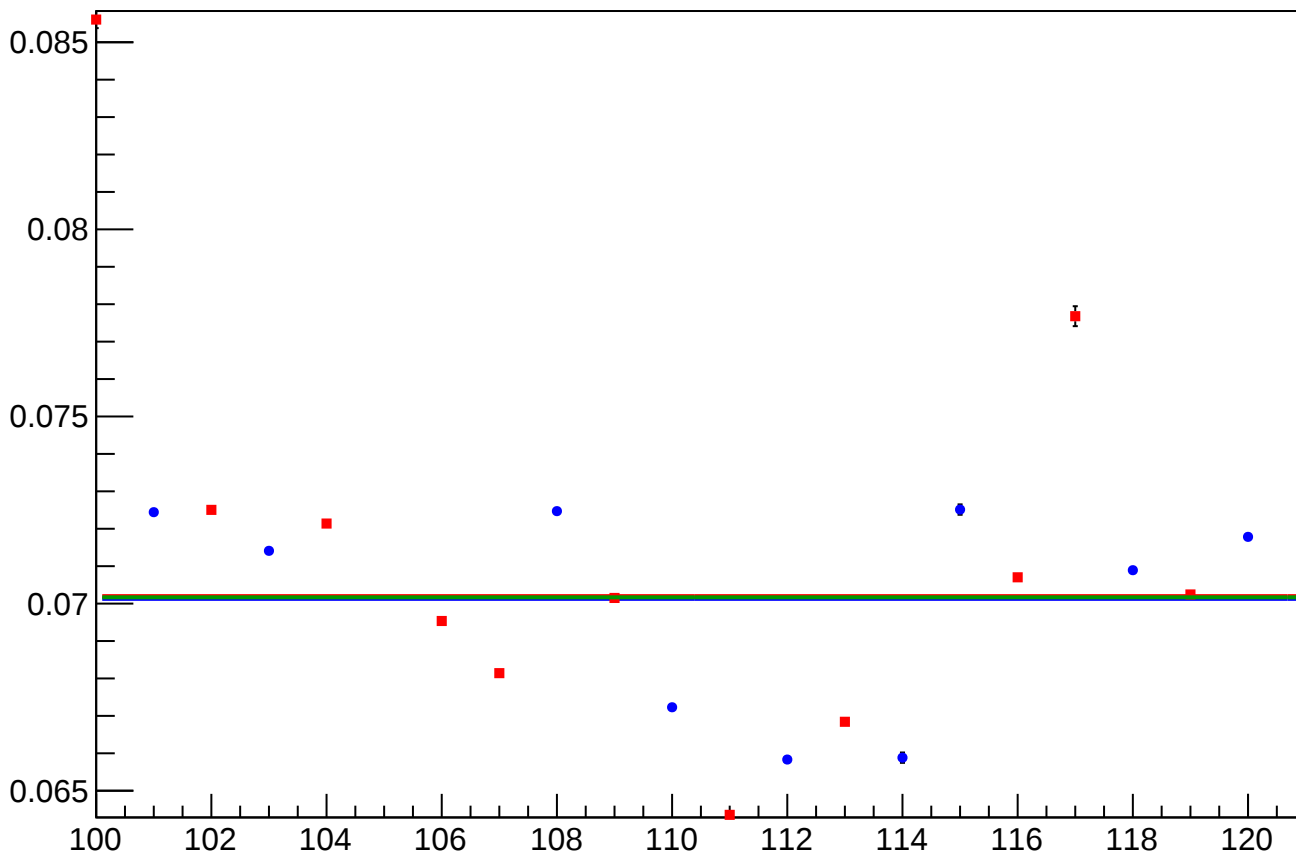
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.039+/-0.000 χ^2/NDF : 683577551.6/8

-2.008+/-0.000 χ^2/NDF : 1333927976.9/20

-1.982+/-0.000 χ^2/NDF : 649097000.7/11

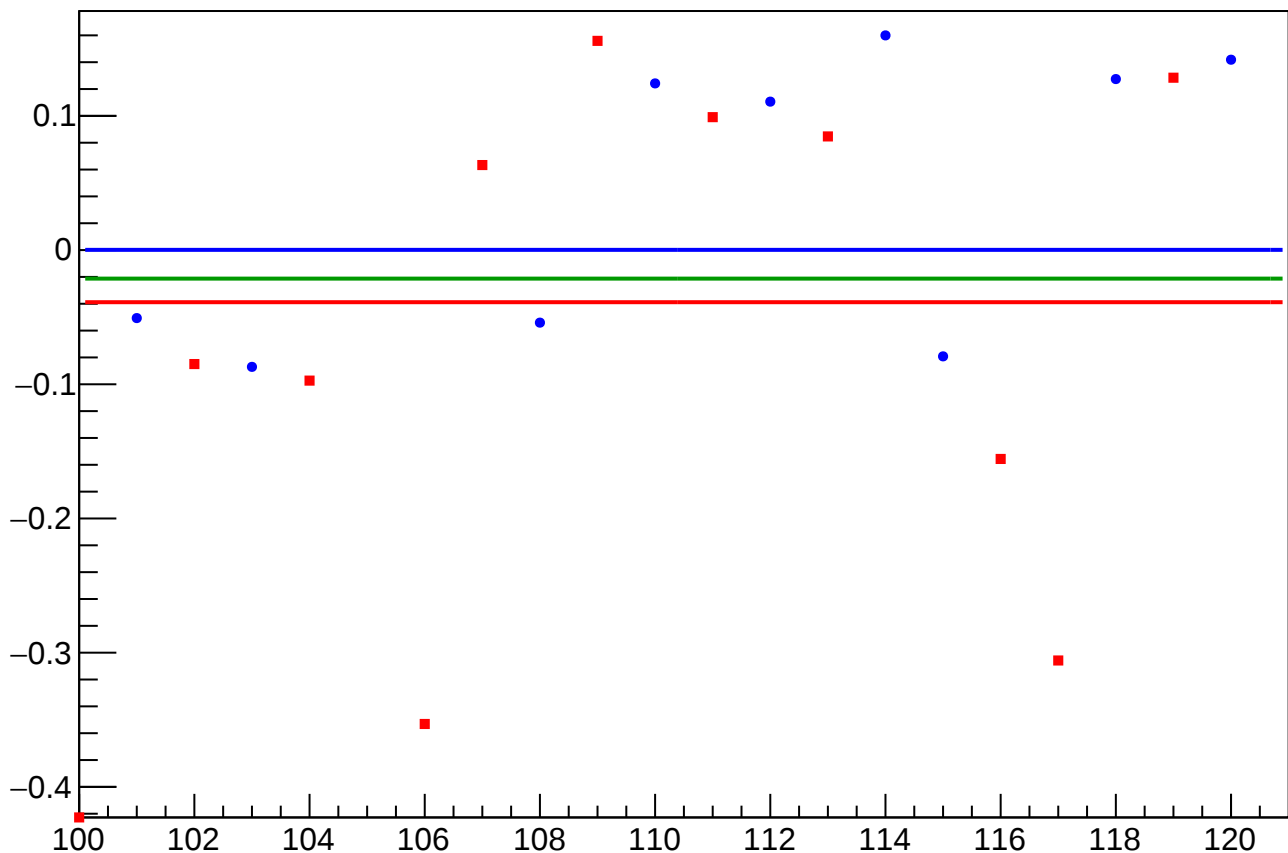
yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 9432.9/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.070+/-0.000 χ^2/NDF : 25304.2/11
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.070+/-0.000 χ^2/NDF : 9432.9/8
0.070+/-0.000 χ^2/NDF : 34741.2/20
0.070+/-0.000 χ^2/NDF : 25304.2/11

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 227921866.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.000 χ^2/NDF : 928257422.2/11

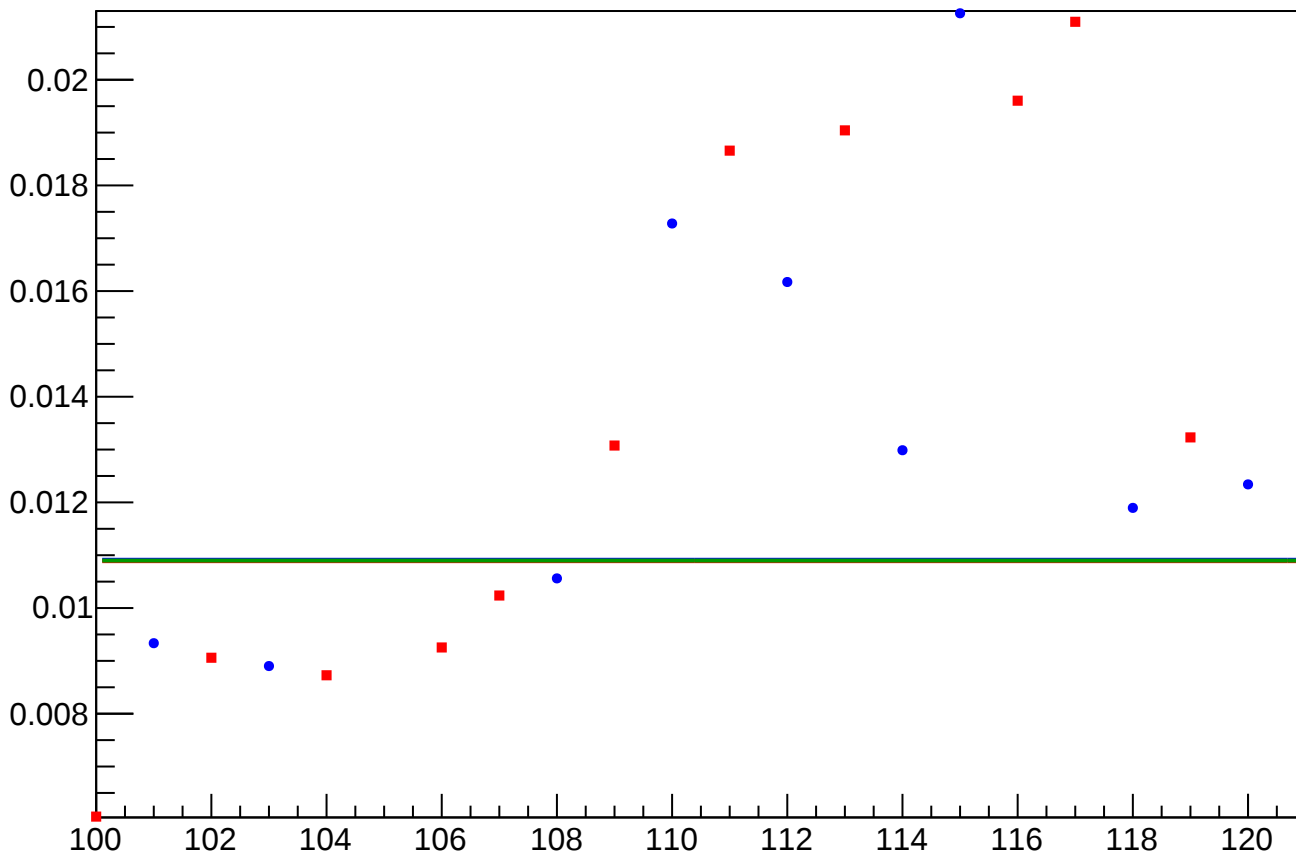
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 227921866.1/8

-0.021+/-0.000 χ^2/NDF : 1177469624.5/20

-0.039+/-0.000 χ^2/NDF : 928257422.2/11

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 337509.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 665619.3/11

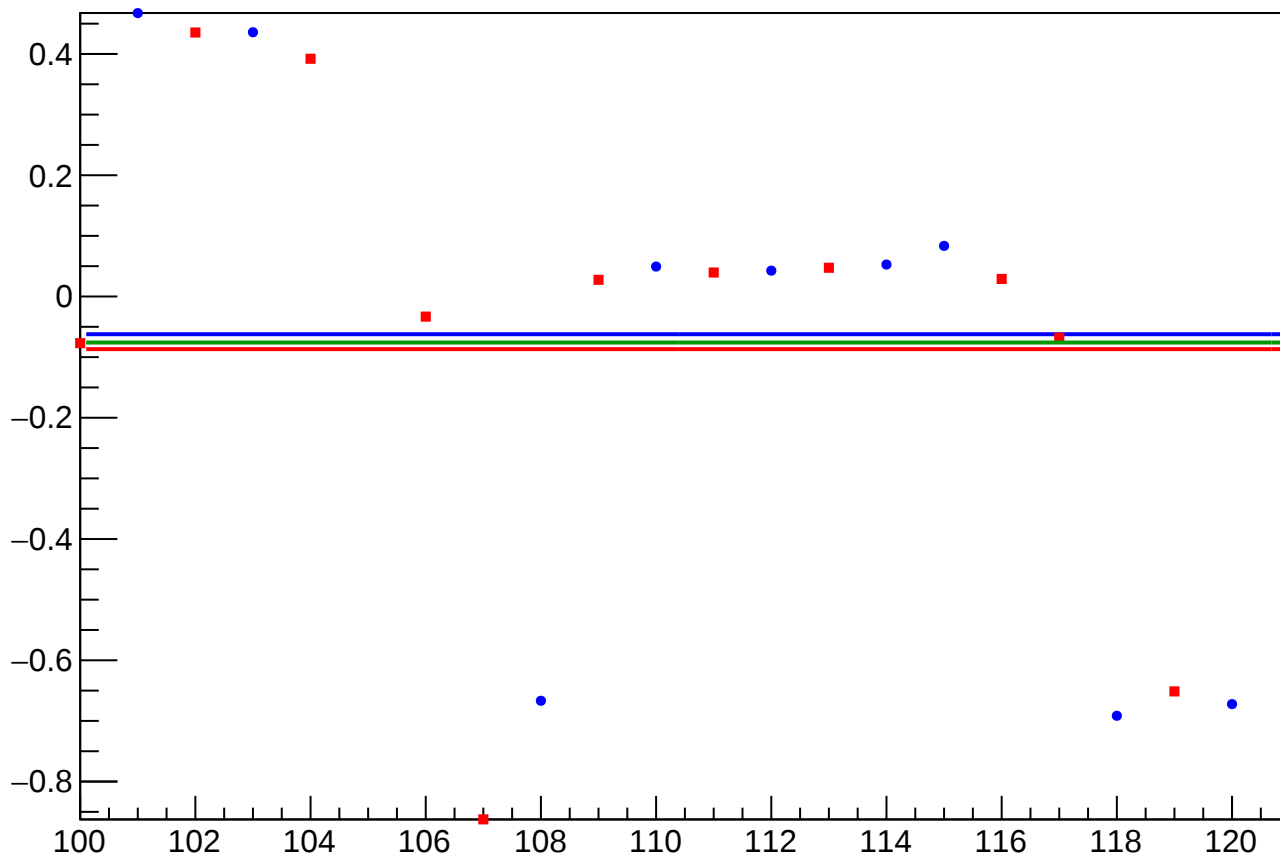
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 337509.0/8

0.011+/-0.000 χ^2/NDF : 1003146.8/20

0.011+/-0.000 χ^2/NDF : 665619.3/11

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.062+/-0.000 χ^2/NDF : 97912339.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.000 χ^2/NDF : 97377404.7/11

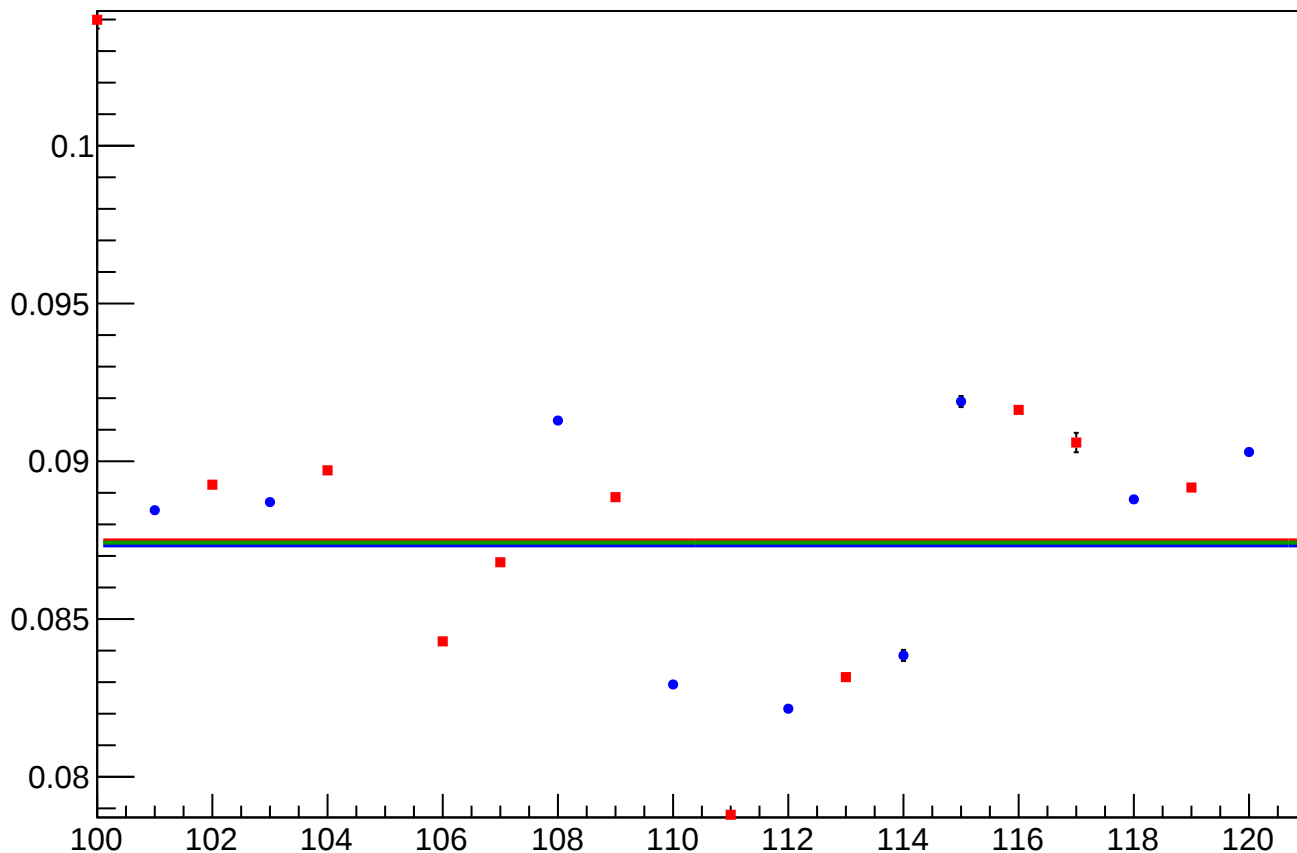
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.062+/-0.000 χ^2/NDF : 97912339.2/8

-0.076+/-0.000 χ^2/NDF : 195441615.2/20

-0.087+/-0.000 χ^2/NDF : 97377404.7/11

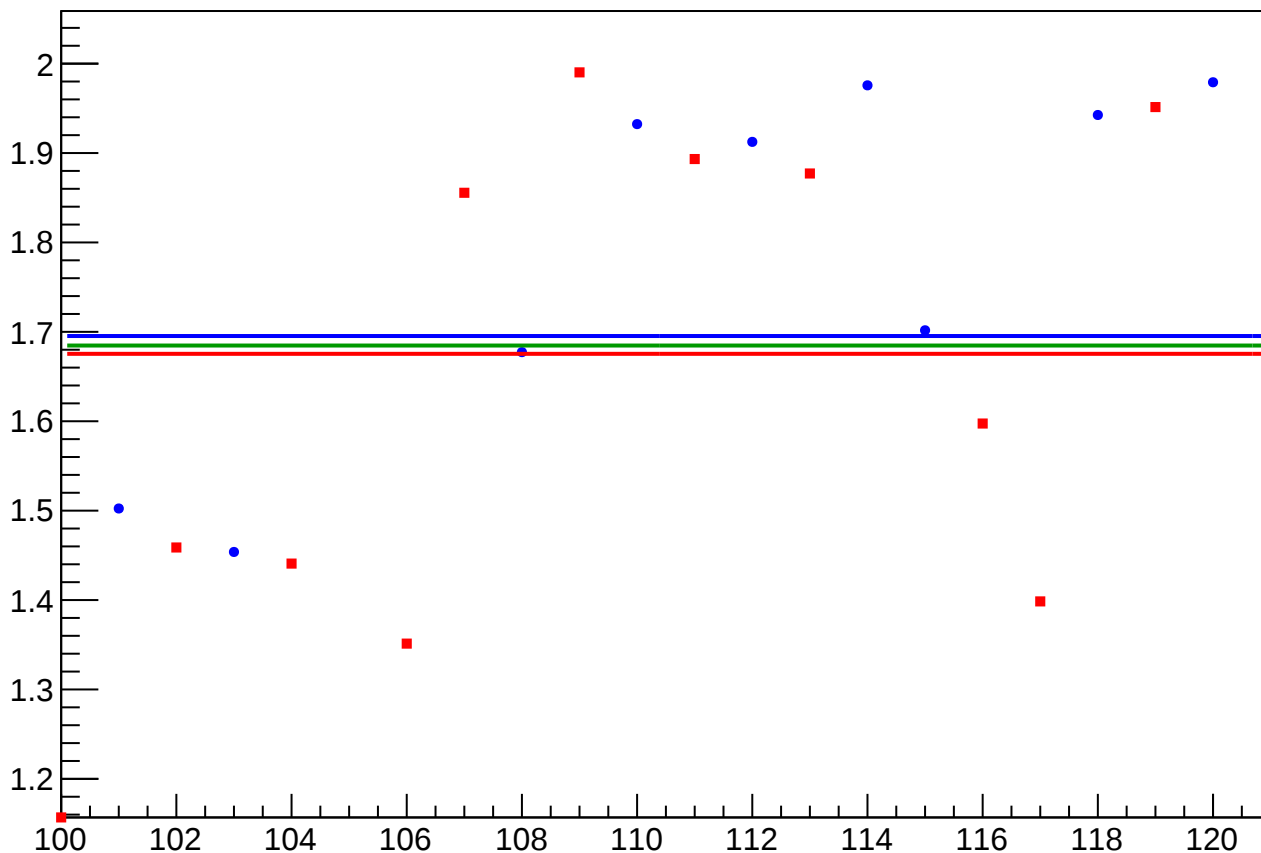
yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 9733.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.087+/-0.000 χ^2/NDF : 26121.2/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 9733.0/8
 0.087+/-0.000 χ^2/NDF : 35866.5/20
 0.087+/-0.000 χ^2/NDF : 26121.2/11

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.695+/-0.000 χ^2/NDF : 672695905.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.675+/-0.000 χ^2/NDF : 1240436053.0/11

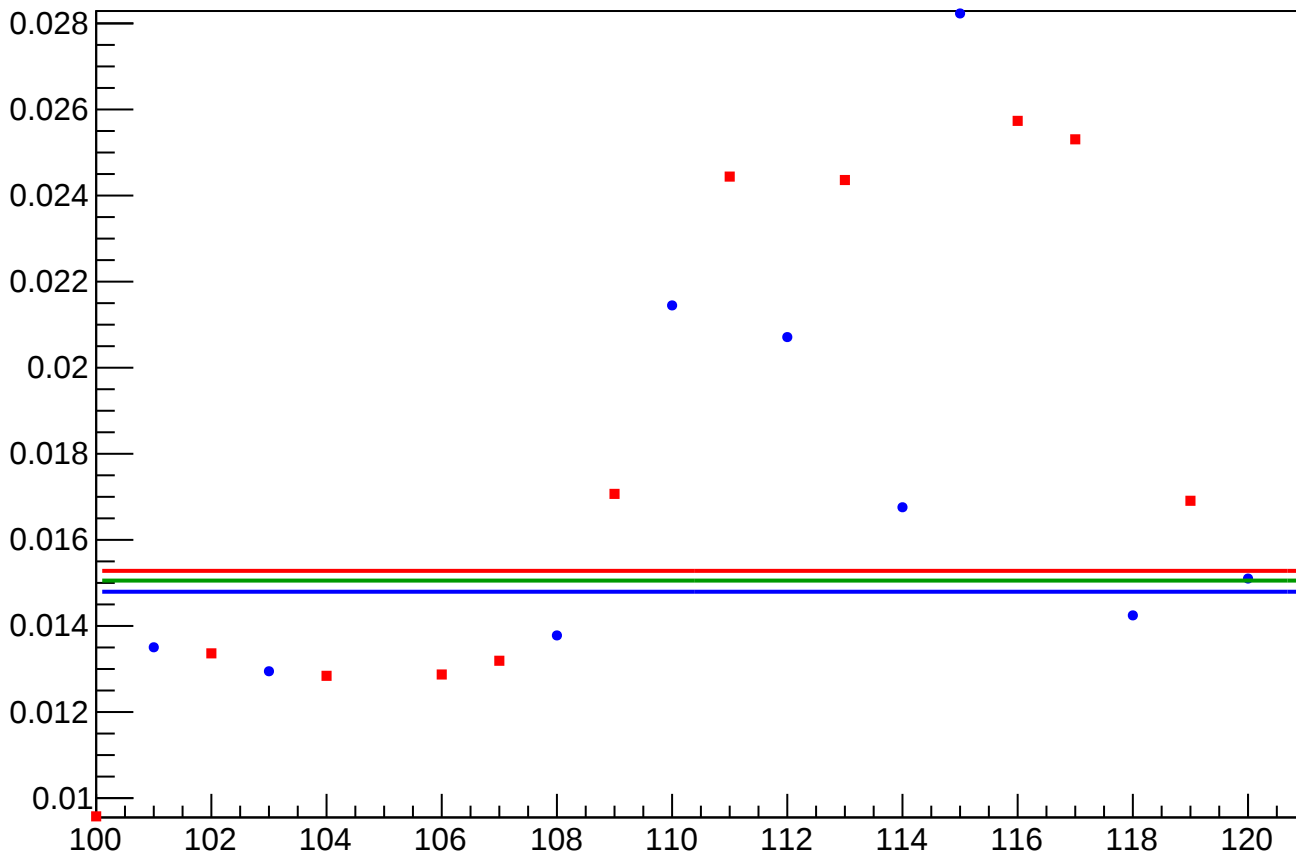
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.695+/-0.000 χ^2/NDF : 672695905.5/8

1.685+/-0.000 χ^2/NDF : 1916116532.7/20

1.675+/-0.000 χ^2/NDF : 1240436053.0/11

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 221214.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 470357.8/11

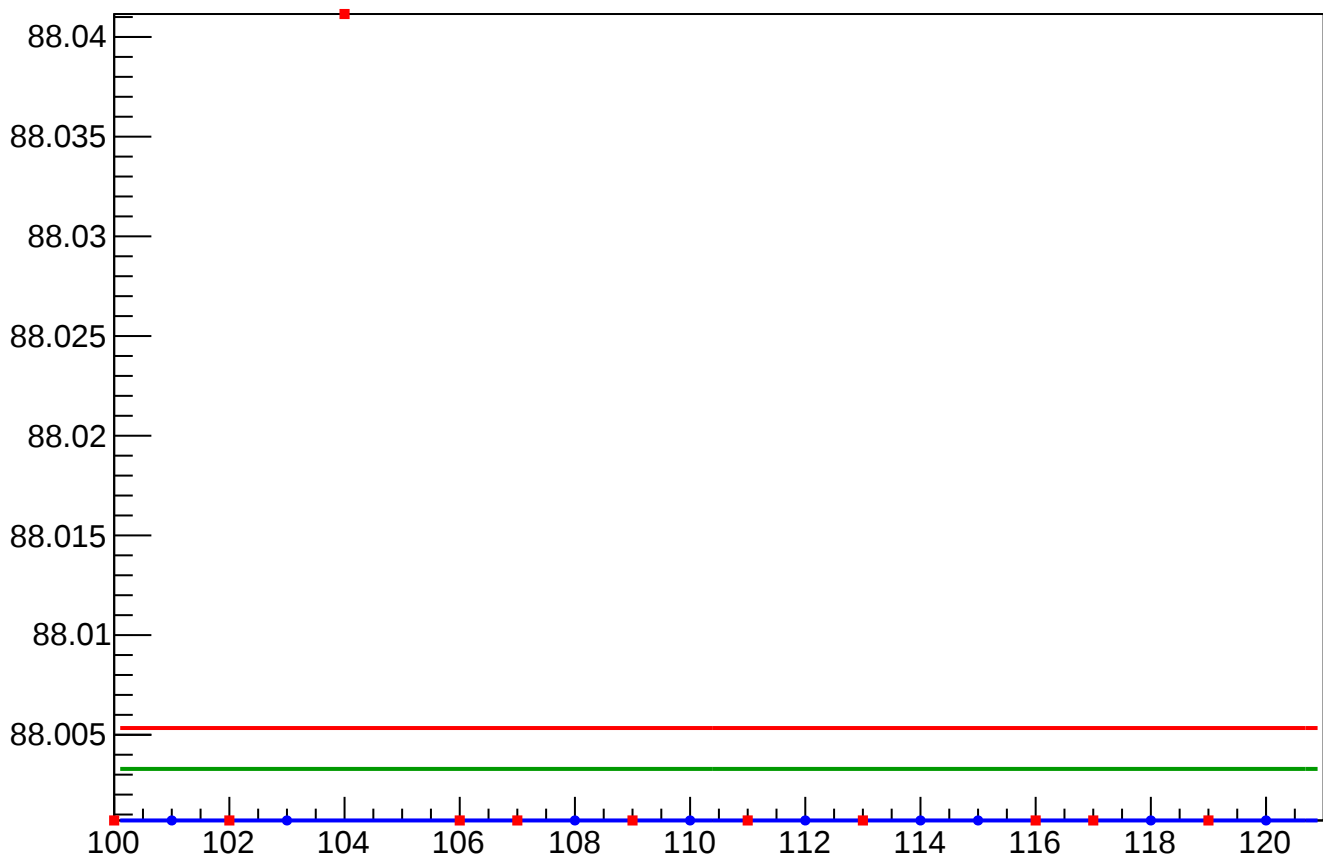
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 221214.0/8

0.015+/-0.000 χ^2/NDF : 695108.1/20

0.015+/-0.000 χ^2/NDF : 470357.8/11

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2 /NDF: 1248445.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 88.005+/-0.000 χ^2 /NDF: 73877074463397278235146321920.0/11

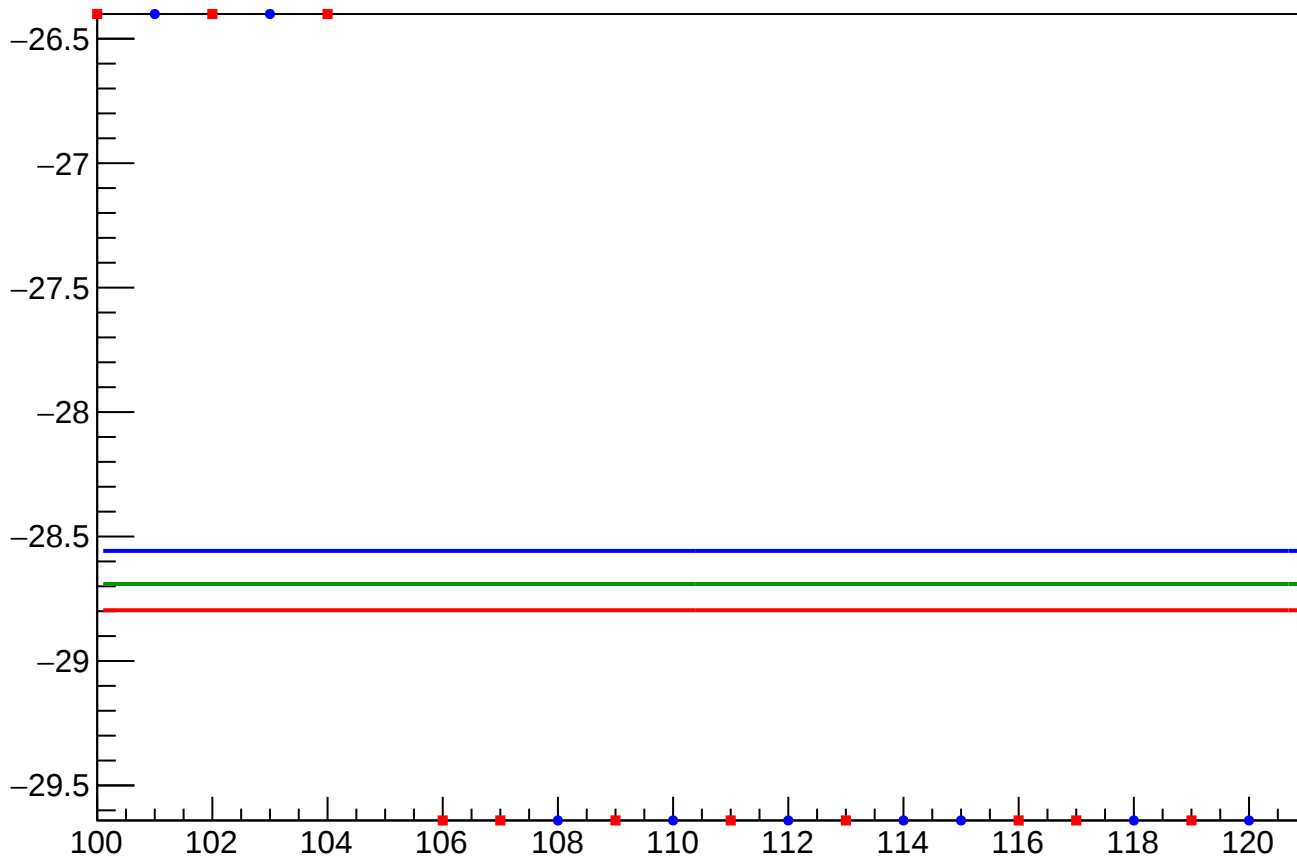
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 1248445.0/8

88.003+/-0.000 χ^2 /NDF: 7810722144116

88.005+/-0.000 χ^2 /NDF: 73877074463397278235146321920.0/11

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -28.558+/-0.000 χ^2/NDF : 824641495750722942516375962255360.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.796+/-0.000 χ^2/NDF : 900293048089892749953162918494208.0/11

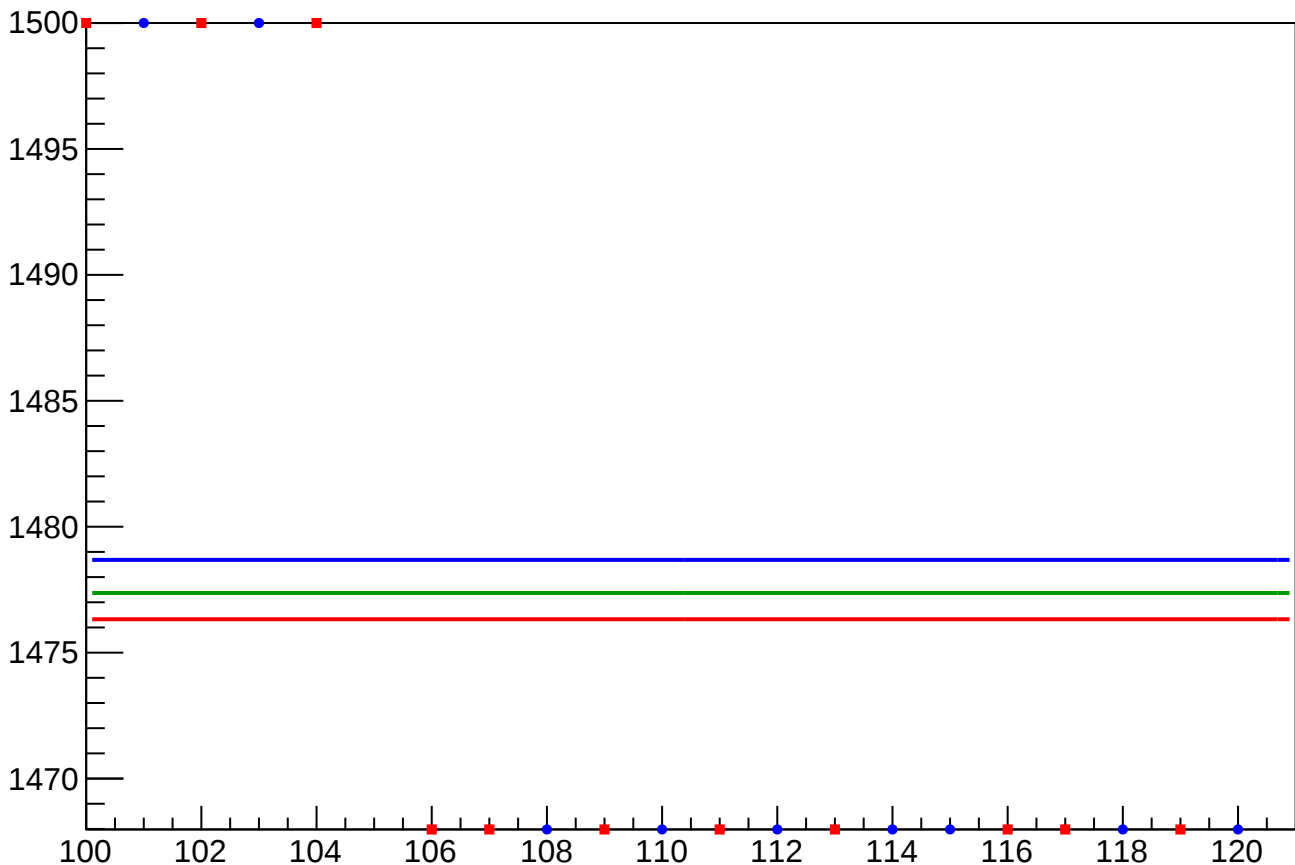
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.558+/-0.000 χ^2/NDF : 82464149575072294

-28.691+/-0.000 χ^2/NDF : 173612939548

-28.796+/-0.000 χ^2/NDF : 90029304808989274

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1478.683+/-0.000 χ^2/NDF : 80548223248290135745580249869451264.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.326+/-0.000 χ^2/NDF : 87937613860207816070335143740440576.0/11

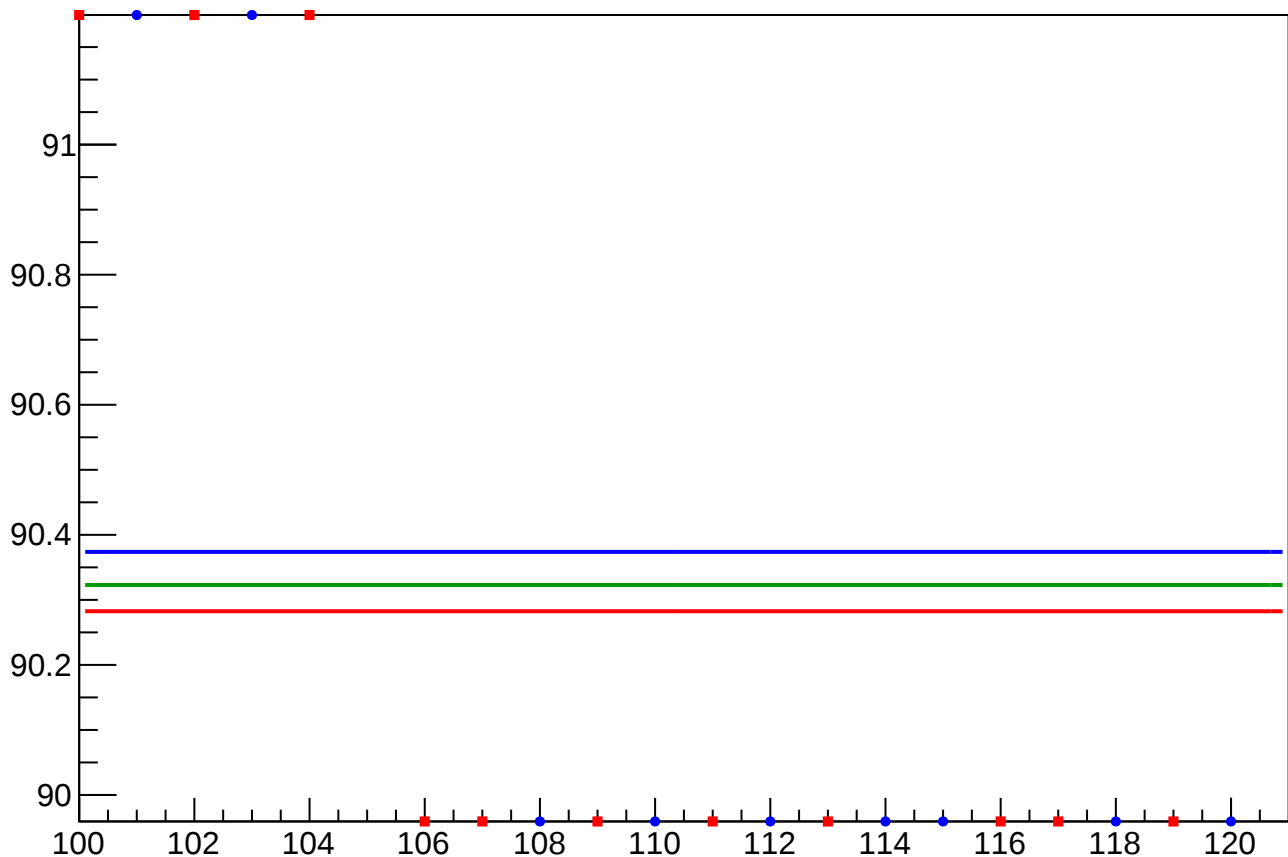
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1478.683+/-0.000 χ^2/NDF : 8054822324829013

1477.369+/-0.000 χ^2/NDF : 16957931277

1476.326+/-0.000 χ^2/NDF : 8793761386020781

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.374+/-0.000 χ^2/NDF : 120786538243646283471288746901504.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.283+/-0.000 χ^2/NDF : 131867340224747446590722912813056.0/11

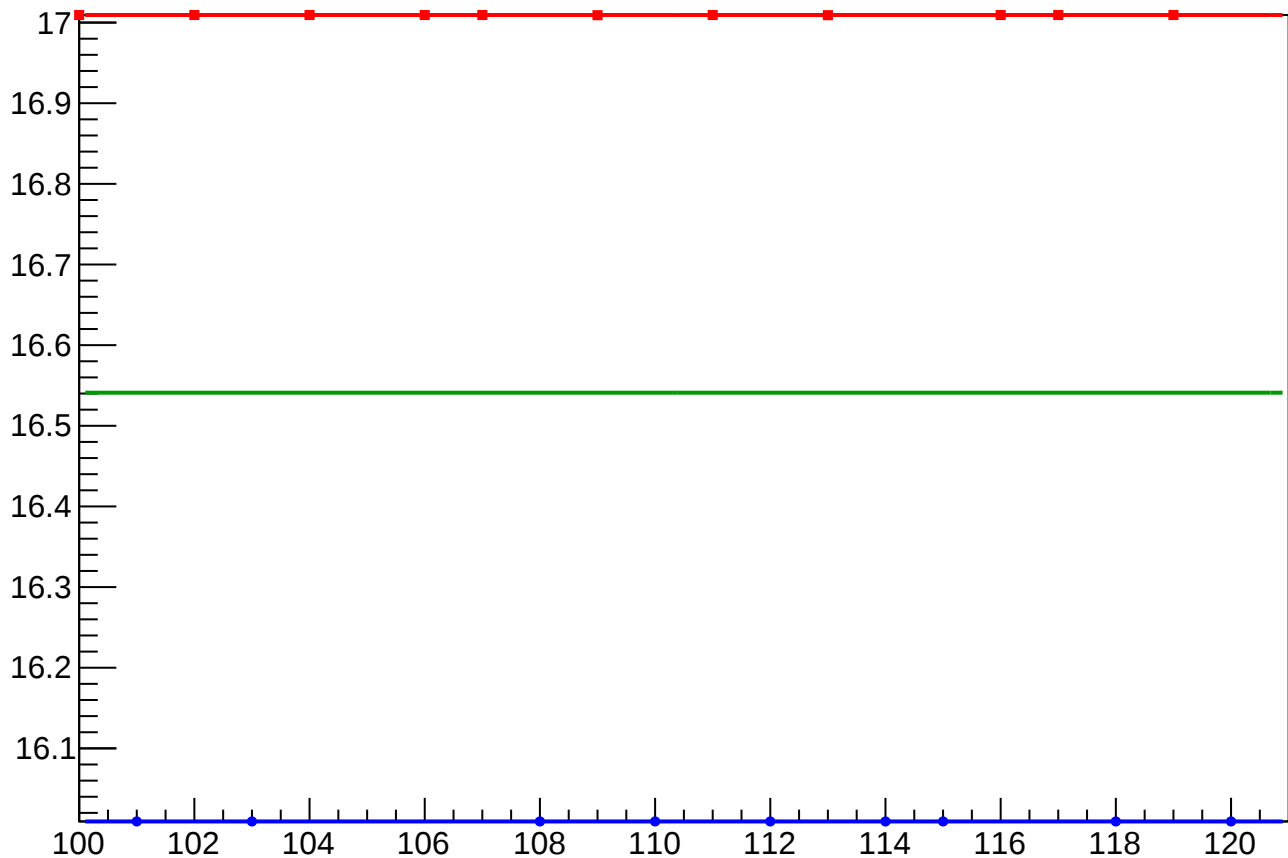
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.374+/-0.000 χ^2/NDF : 120786538243646283471288746901504.0/8

90.323+/-0.000 χ^2/NDF : 25429360601504.0/8

90.283+/-0.000 χ^2/NDF : 131867340224747446590722912813056.0/11

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 18175.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 3249577088689104530440192.0/11

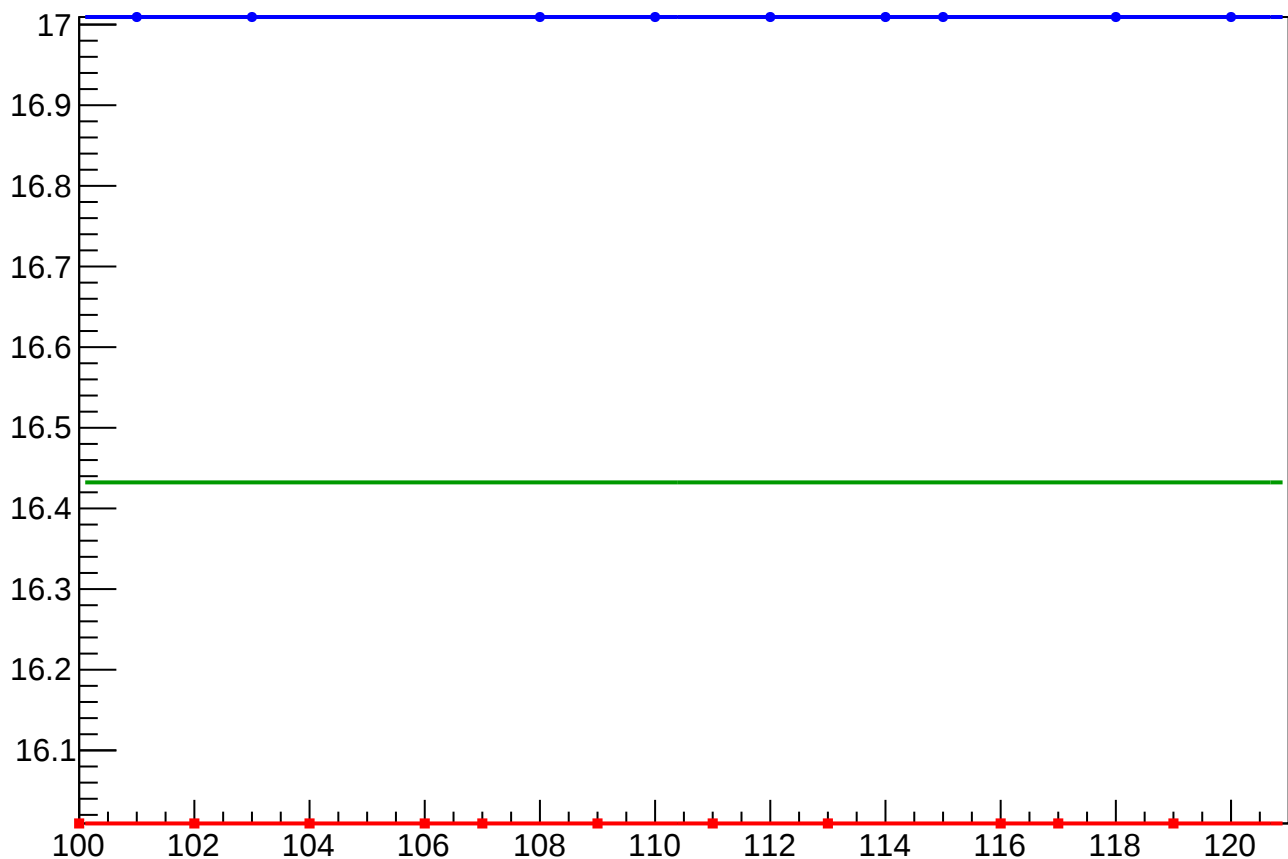
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.009 $\pm$ 0.000 χ^2 /NDF: 18175.4/8

16.541 $\pm$ 0.000 χ^2 /NDF: 1844871662855

17.009 $\pm$ 0.000 χ^2 /NDF: 3249577088689104530440192.0/11

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 21242.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.009+/-0.000 χ^2/NDF : 13442.2/11

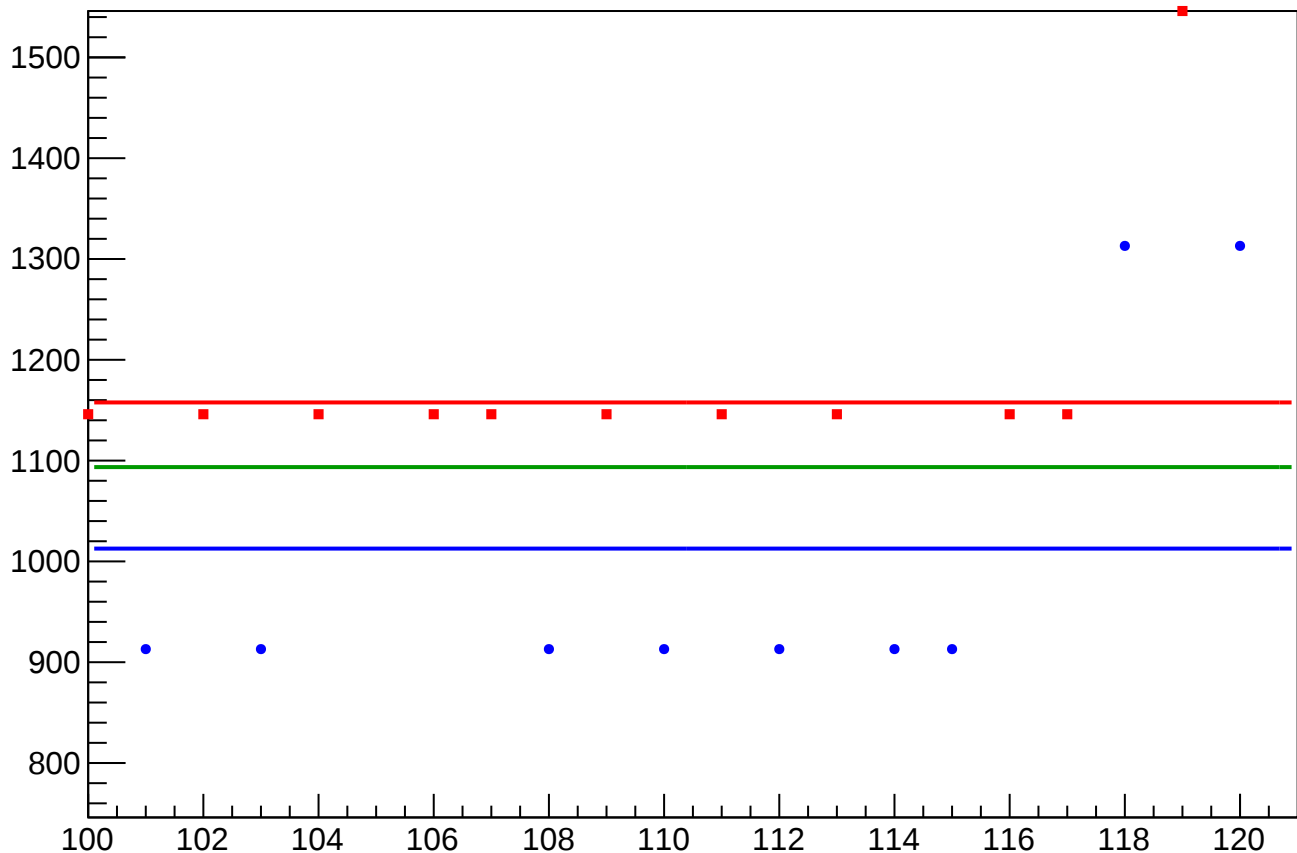
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.009+/-0.000 χ^2/NDF : 21242.4/8

16.432+/-0.000 χ^2/NDF : 1852411067193

16.009+/-0.000 χ^2/NDF : 13442.2/11

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 1012.715+/-0.000 χ^2/NDF : 10570926160938384245645132170289741824.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.694+/-0.000 χ^2/NDF : 14499904550995945327996100459743936512.0/11

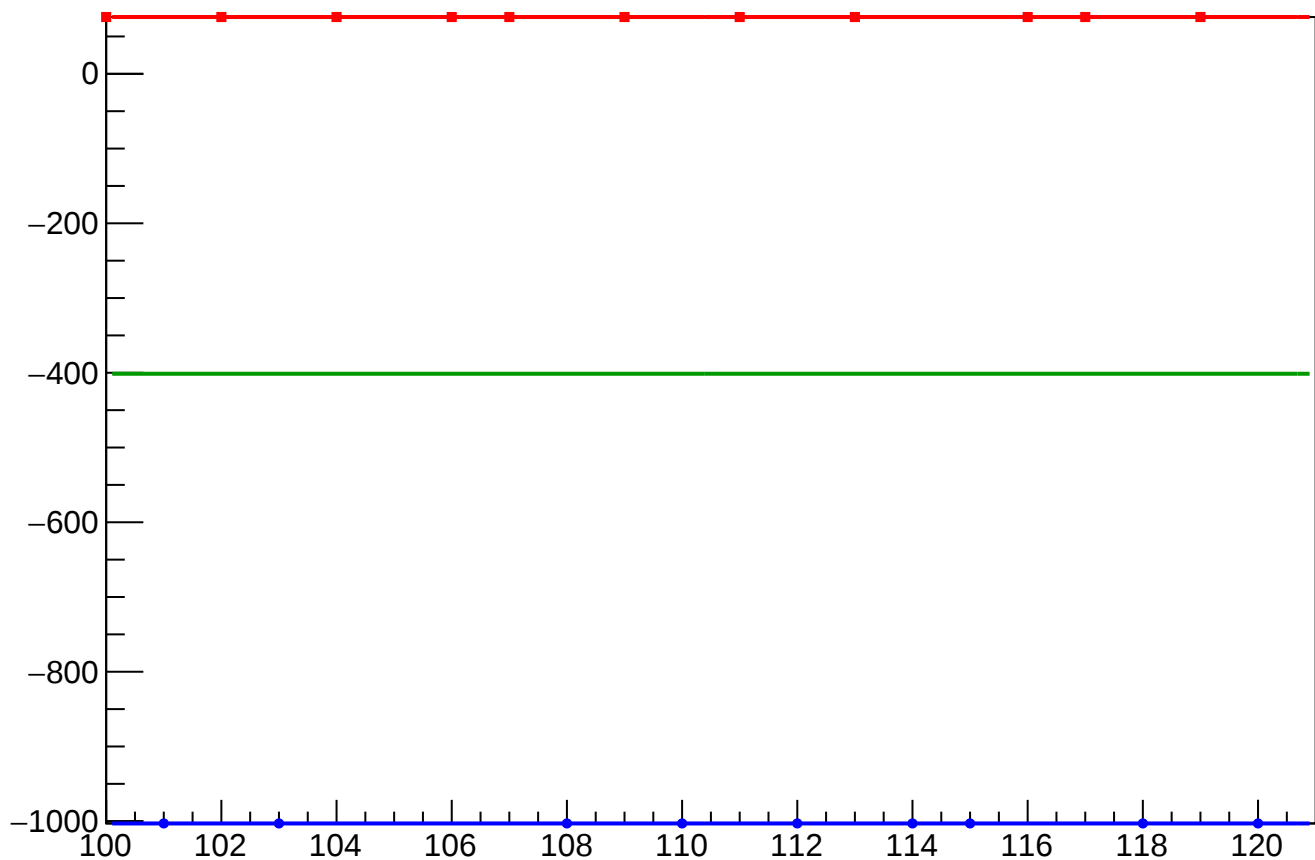
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1012.715+/-0.000 χ^2/NDF : 1057092616093838

1093.562+/-0.000 χ^2/NDF : 29208359956

1157.694+/-0.000 χ^2/NDF : 1449990455099594

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1002.989+/-0.000 χ^2/NDF : 1463865405106444201137012736.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.010+/-0.000 χ^2/NDF : 1307553052637758384305602560.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1002.989+/-0.000 χ^2/NDF : 1463865405106444201137012736.0/8

-401.292+/-0.000 χ^2/NDF : 229178739100.0/11

76.010+/-0.000 χ^2/NDF : 1307553052637758384305602560.0/11