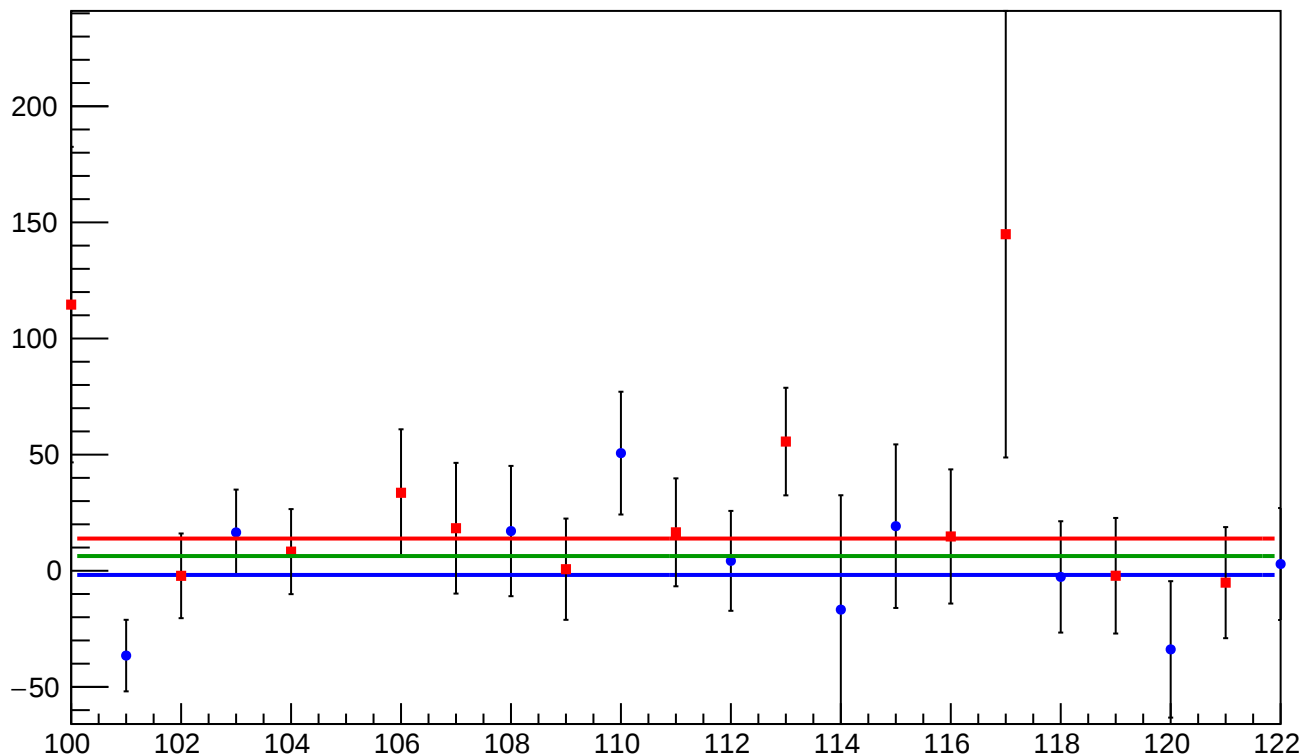


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.794+/-7.482

Left Out: 0.000+/-0.000

Right Out: 13.874+/-7.198

Left In: 0.000+/-0.000

χ^2/NDF : 12.2/9

χ^2/NDF : 0.0/0

χ^2/NDF : 10.1/11

χ^2/NDF : 0.0/0

-1.794+/-7.482

6.343+/-5.187

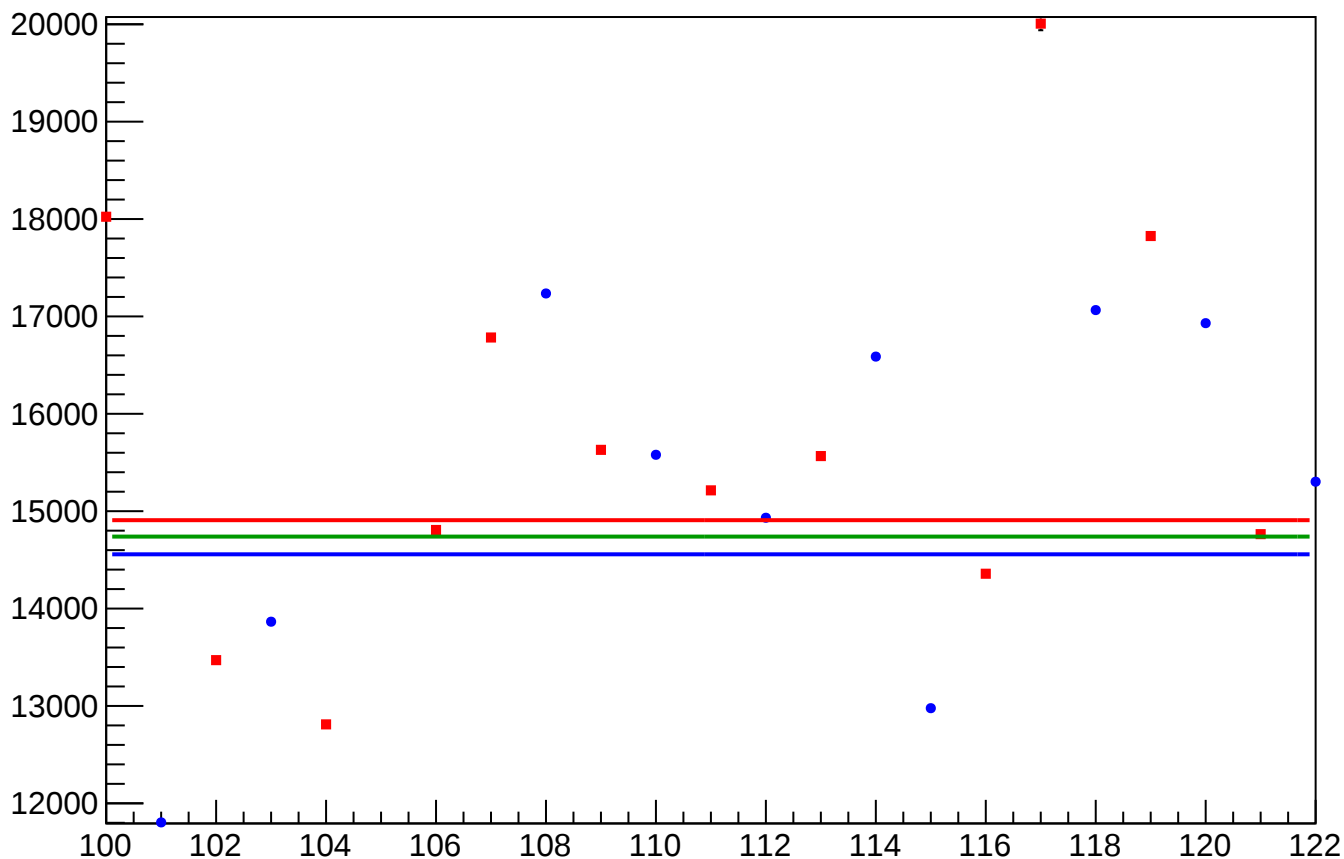
13.874+/-7.198

χ^2/NDF : 12.2/9

χ^2/NDF : 24.6/21

χ^2/NDF : 10.1/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14557.144+/-5.290 χ^2/NDF : 132859.8/9

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

Right Out: 14907.575+/-5.090 χ^2/NDF : 89865.3/11

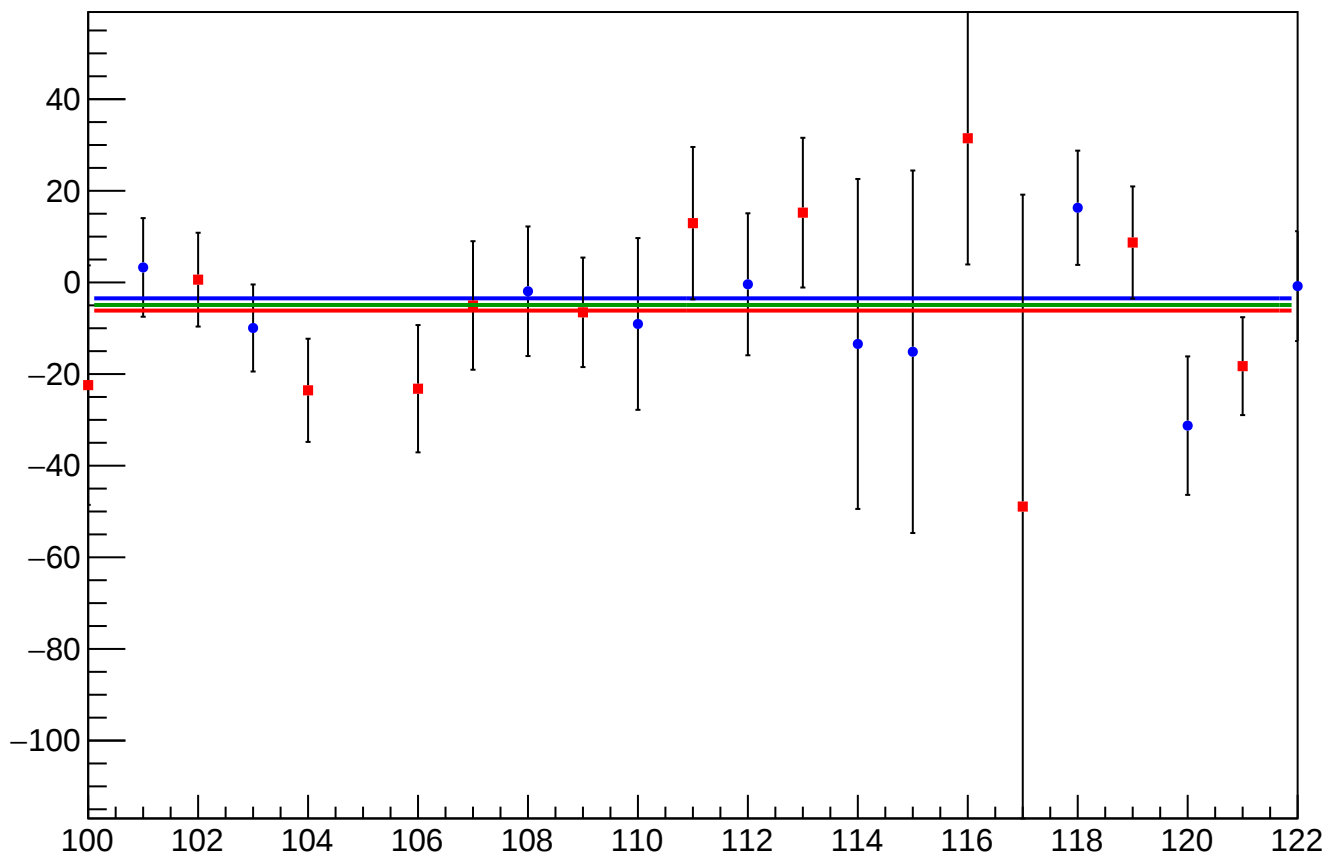
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14557.144+/-5.290 χ^2/NDF : 132859.8/9

14739.132+/-3.668 χ^2/NDF : 225003.7/21

14907.575+/-5.090 χ^2/NDF : 89865.3/11

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.471 ± 4.433 χ^2/NDF : 7.1/9

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

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

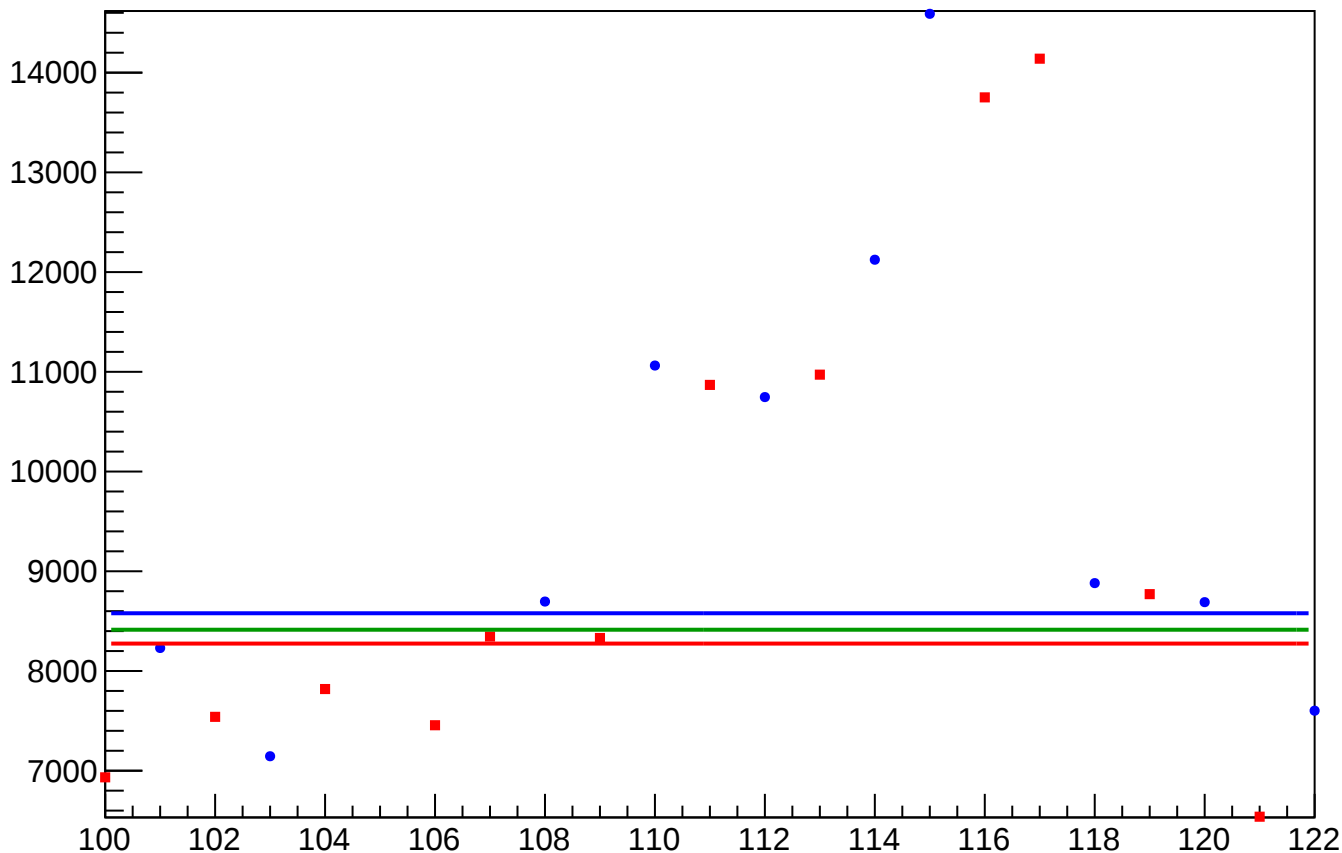
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.471 ± 4.433 χ^2/NDF : 7.1/9

-4.921 ± 2.997 χ^2/NDF : 20.1/21

-6.142 ± 4.066 χ^2/NDF : 12.8/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8578.956+/-3.134 χ^2/NDF : 202160.1/9

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

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

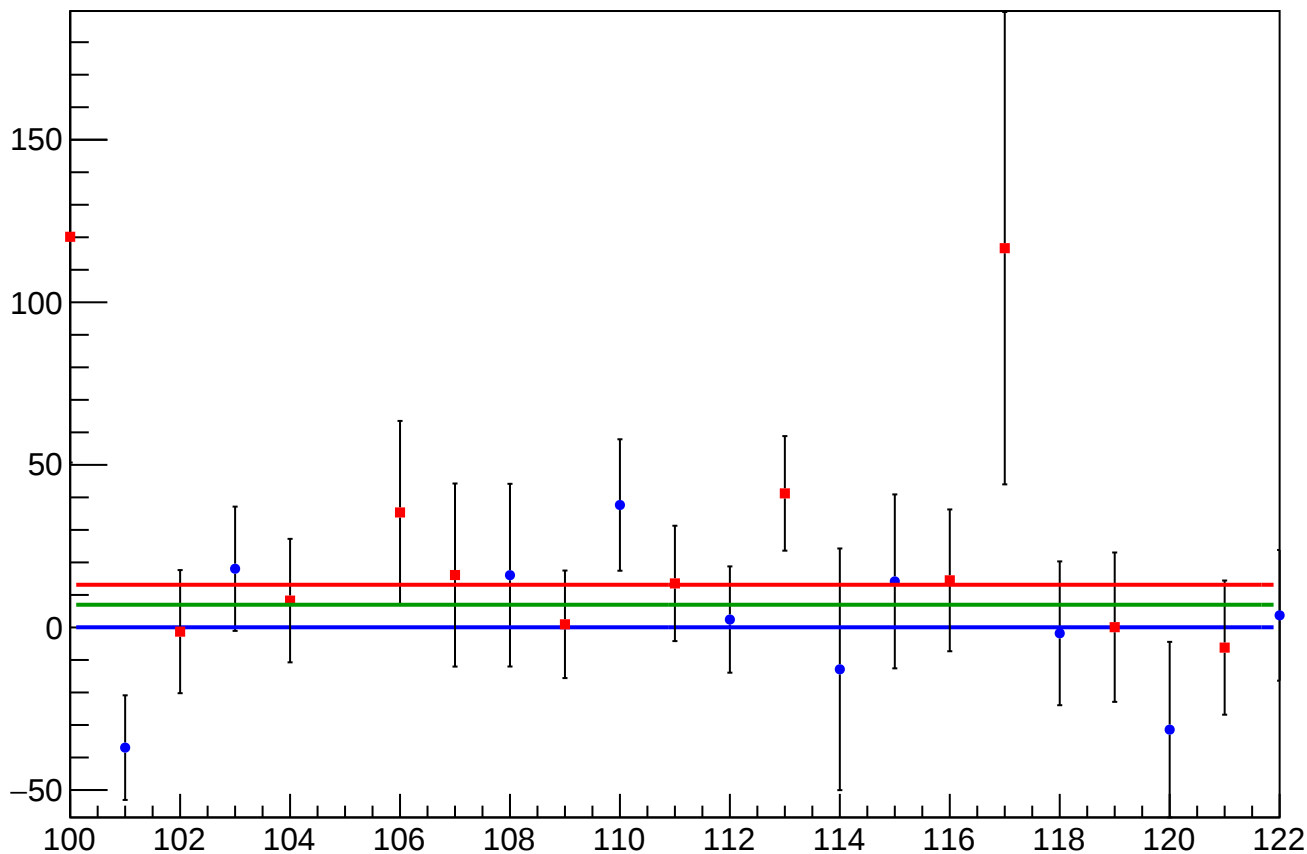
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8578.956+/-3.134 χ^2/NDF : 202160.1/9

8413.849+/-2.119 χ^2/NDF : 486224.2/21

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

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.051 +/- 6.731 χ^2/NDF : 11.8/9

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

Right Out: 13.129 +/- 6.339 χ^2/NDF : 10.0/11

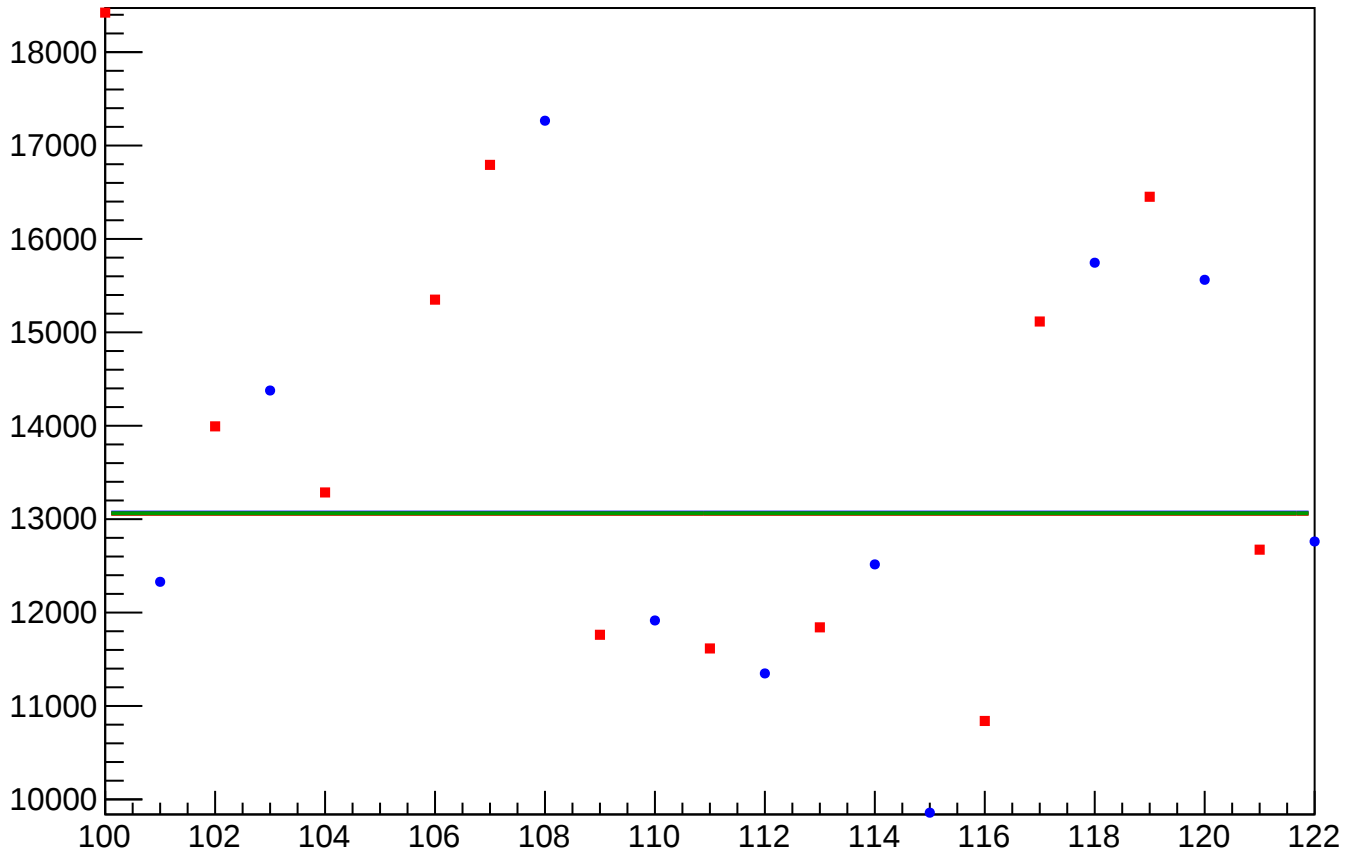
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.051 +/- 6.731 χ^2/NDF : 11.8/9

6.981 +/- 4.615 χ^2/NDF : 23.8/21

13.129 +/- 6.339 χ^2/NDF : 10.0/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13069.954+/-4.760 χ^2/NDF : 162999.0/9

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

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

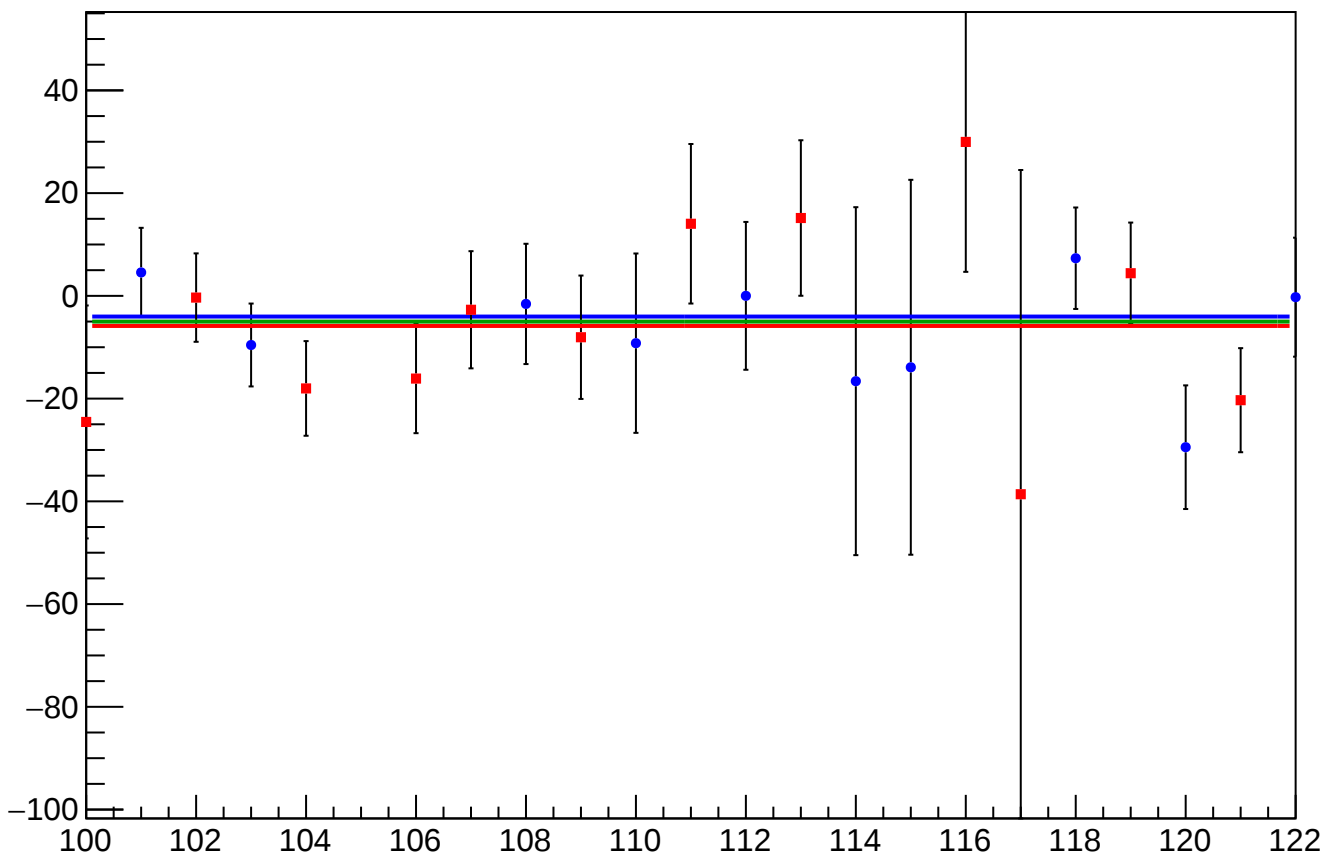
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13069.954+/-4.760 χ^2/NDF : 162999.0/9

13063.105+/-3.263 χ^2/NDF : 330250.3/21

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

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.029+/-3.772 χ^2 /NDF: 7.8/9

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

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

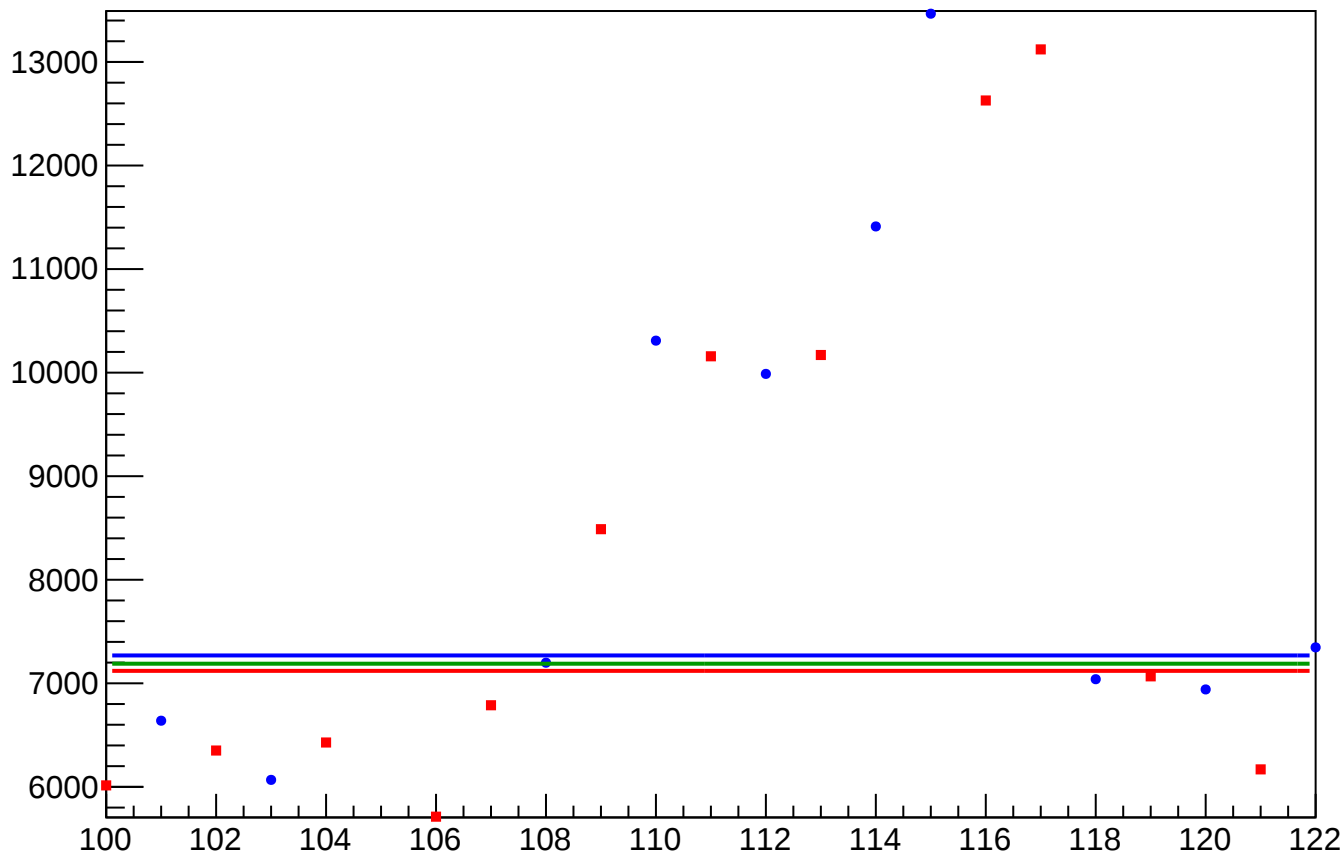
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.029+/-3.772 χ^2 /NDF: 7.8/9

-5.008+/-2.571 χ^2 /NDF: 20.7/21

-5.857+/-3.512 χ^2 /NDF: 12.8/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7269.057+/-2.667 χ^2/NDF : 277283.6/9

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

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

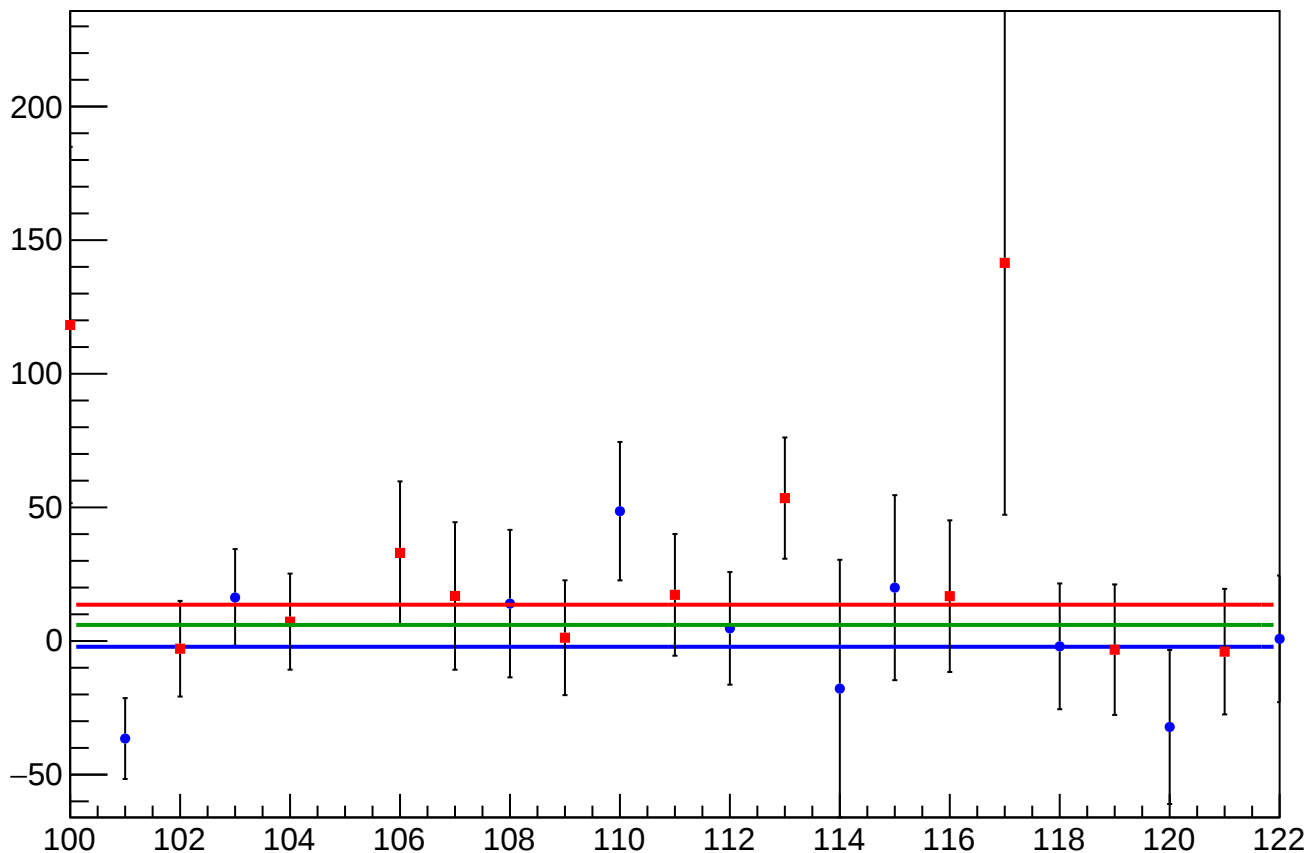
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7269.057+/-2.667 χ^2/NDF : 277283.6/9

7189.327+/-1.818 χ^2/NDF : 662105.9/21

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

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.157+/-7.345 χ^2 /NDF: 12.1/9

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

Right Out: 13.591+/-7.066 χ^2 /NDF: 10.3/11

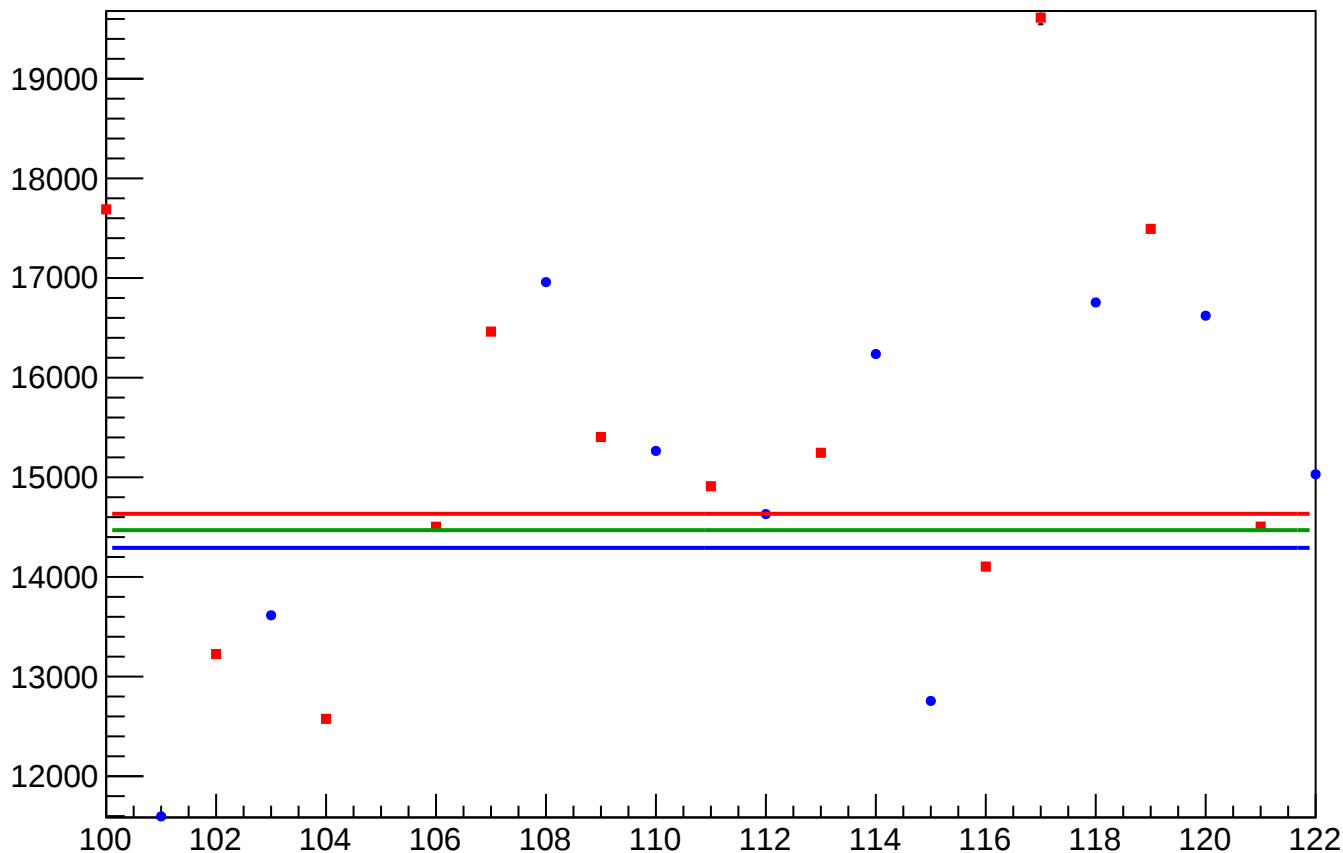
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2.157+/-7.345 χ^2 /NDF: 12.1/9

6.022+/-5.092 χ^2 /NDF: 24.8/21

13.591+/-7.066 χ^2 /NDF: 10.3/11

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14291.975+/-5.194 χ^2/NDF : 132373.0/9

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

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

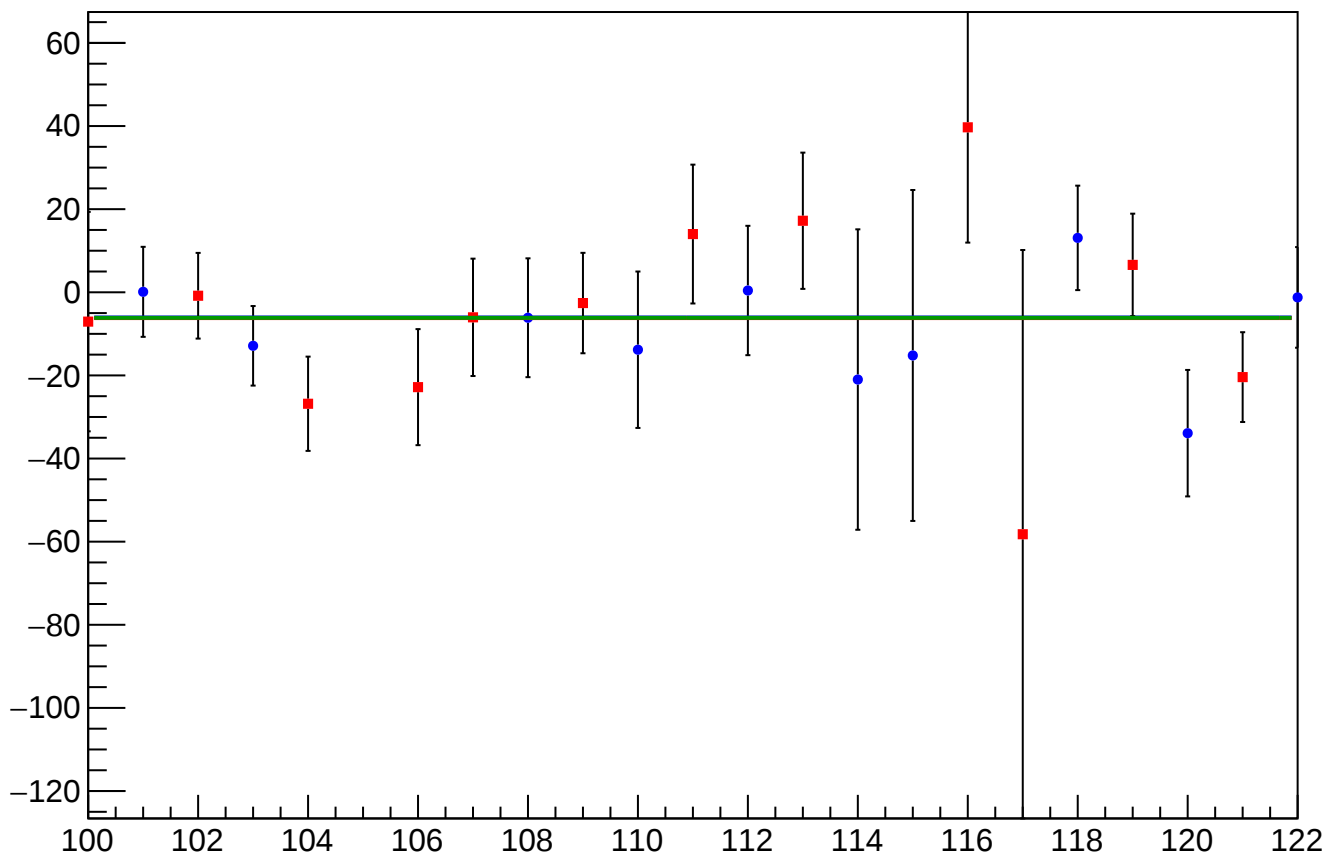
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14291.975+/-5.194 χ^2/NDF : 132373.0/9

14469.564+/-3.601 χ^2/NDF : 224326.9/21

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

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.069+/-4.465 χ^2 /NDF: 7.2/9

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

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

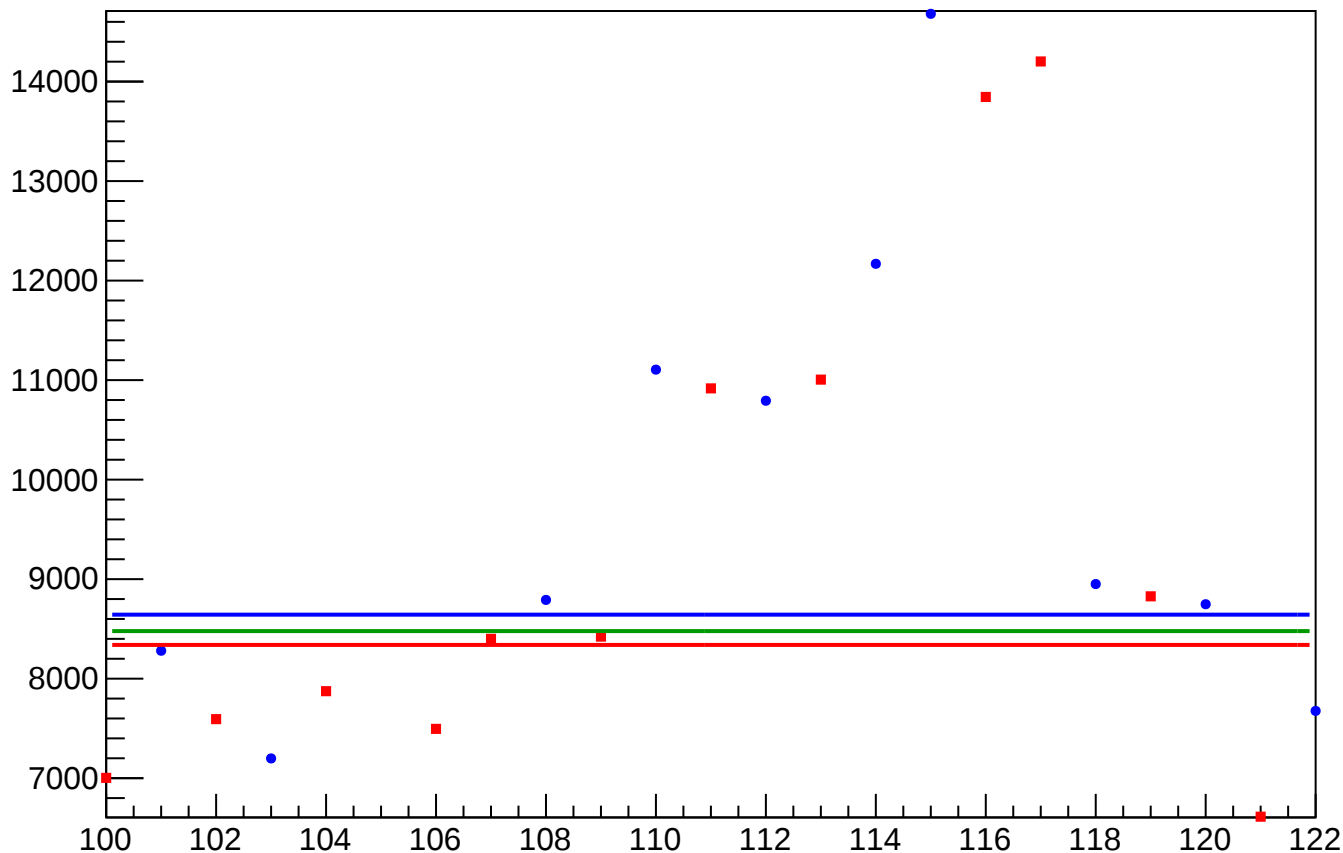
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.069+/-4.465 χ^2 /NDF: 7.2/9

-6.142+/-3.019 χ^2 /NDF: 21.9/21

-6.203+/-4.097 χ^2 /NDF: 14.7/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8643.223+/-3.157 χ^2/NDF : 199504.1/9

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

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

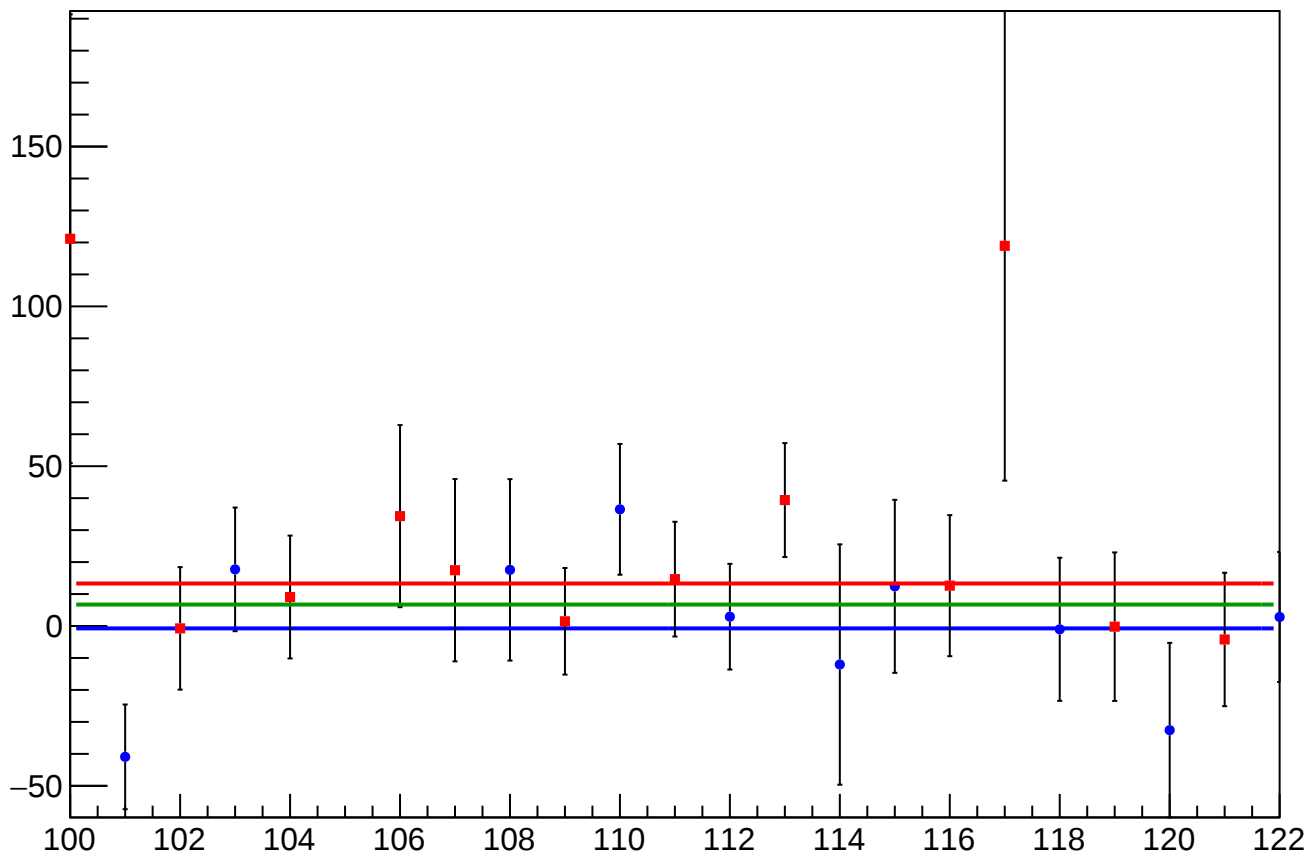
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8643.223+/-3.157 χ^2/NDF : 199504.1/9

8478.098+/-2.134 χ^2/NDF : 479149.7/21

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

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.743 ± 6.817 $\chi^2/\text{NDF}: 12.4/9$

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

Right Out: 13.304 ± 6.411 $\chi^2/\text{NDF}: 9.3/11$

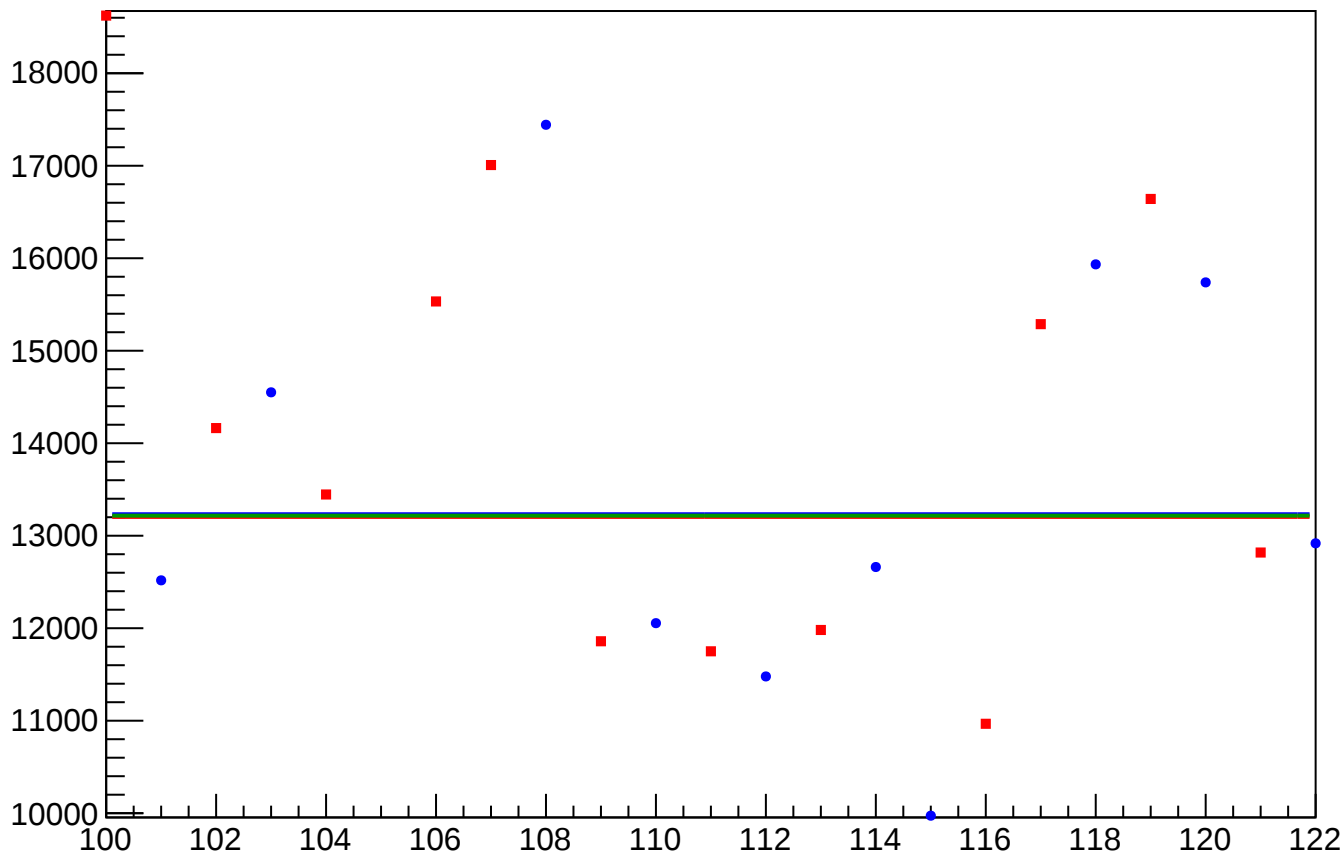
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.743 ± 6.817 $\chi^2/\text{NDF}: 12.4/9$

6.712 ± 4.670 $\chi^2/\text{NDF}: 24.0/21$

13.304 ± 6.411 $\chi^2/\text{NDF}: 9.3/11$

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13232.225+/-4.820 χ^2/NDF : 162185.8/9

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

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

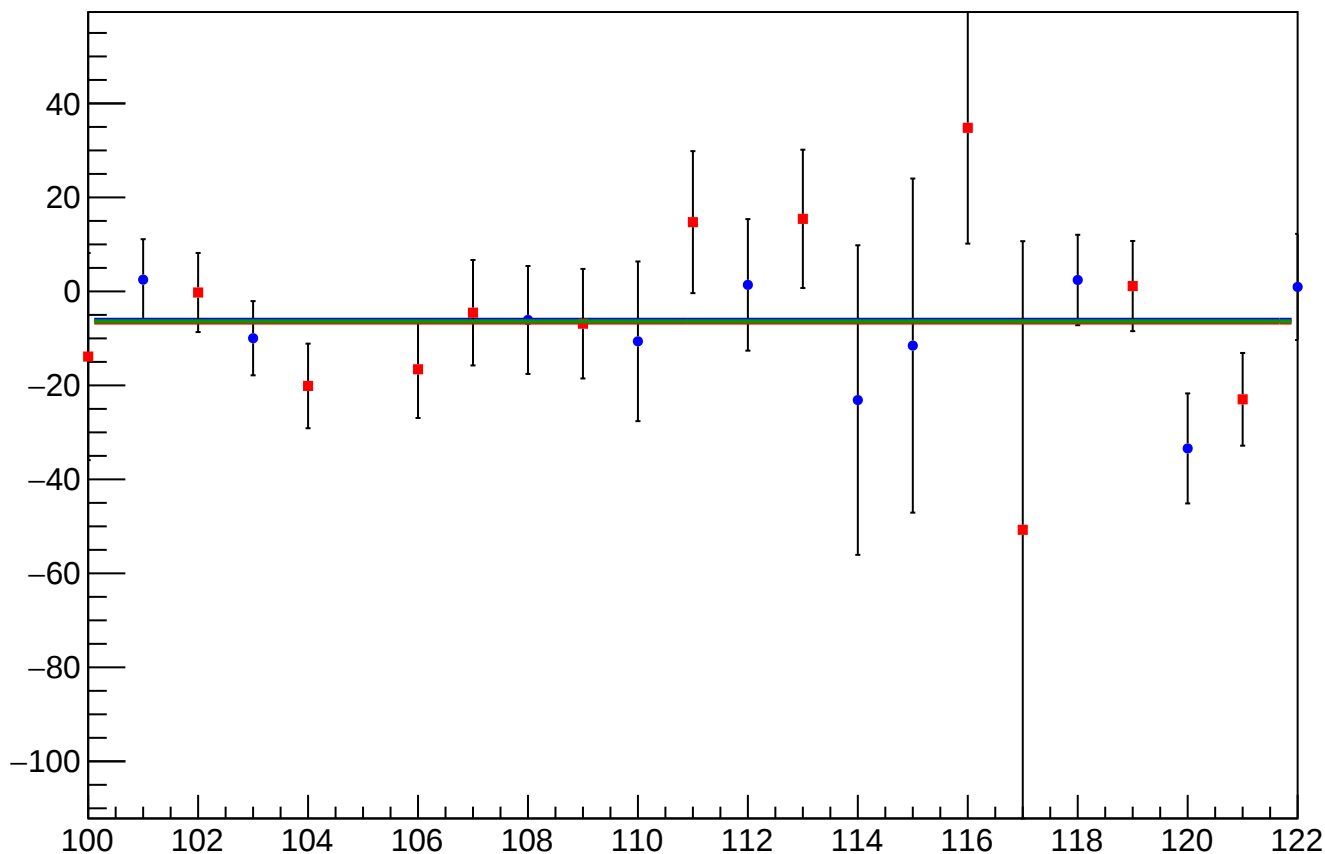
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13232.225+/-4.820 χ^2/NDF : 162185.8/9

13216.993+/-3.302 χ^2/NDF : 330590.6/21

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

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.032+/-3.693 χ^2 /NDF: 8.5/9

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

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

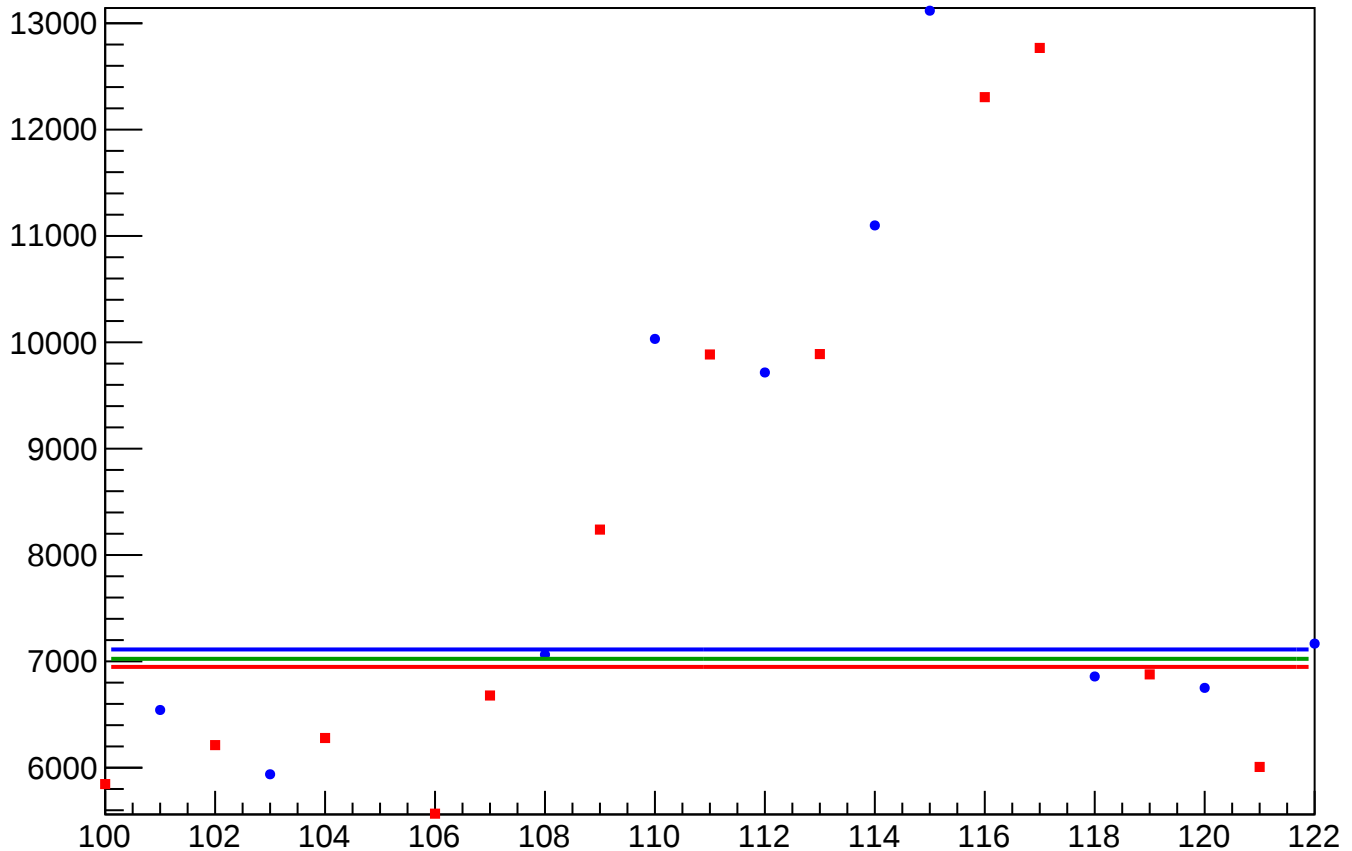
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.032+/-3.693 χ^2 /NDF: 8.5/9

-6.356+/-2.512 χ^2 /NDF: 23.4/21

-6.634+/-3.427 χ^2 /NDF: 14.9/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7111.984+/-2.611 χ^2 /NDF: 271035.8/9

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

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

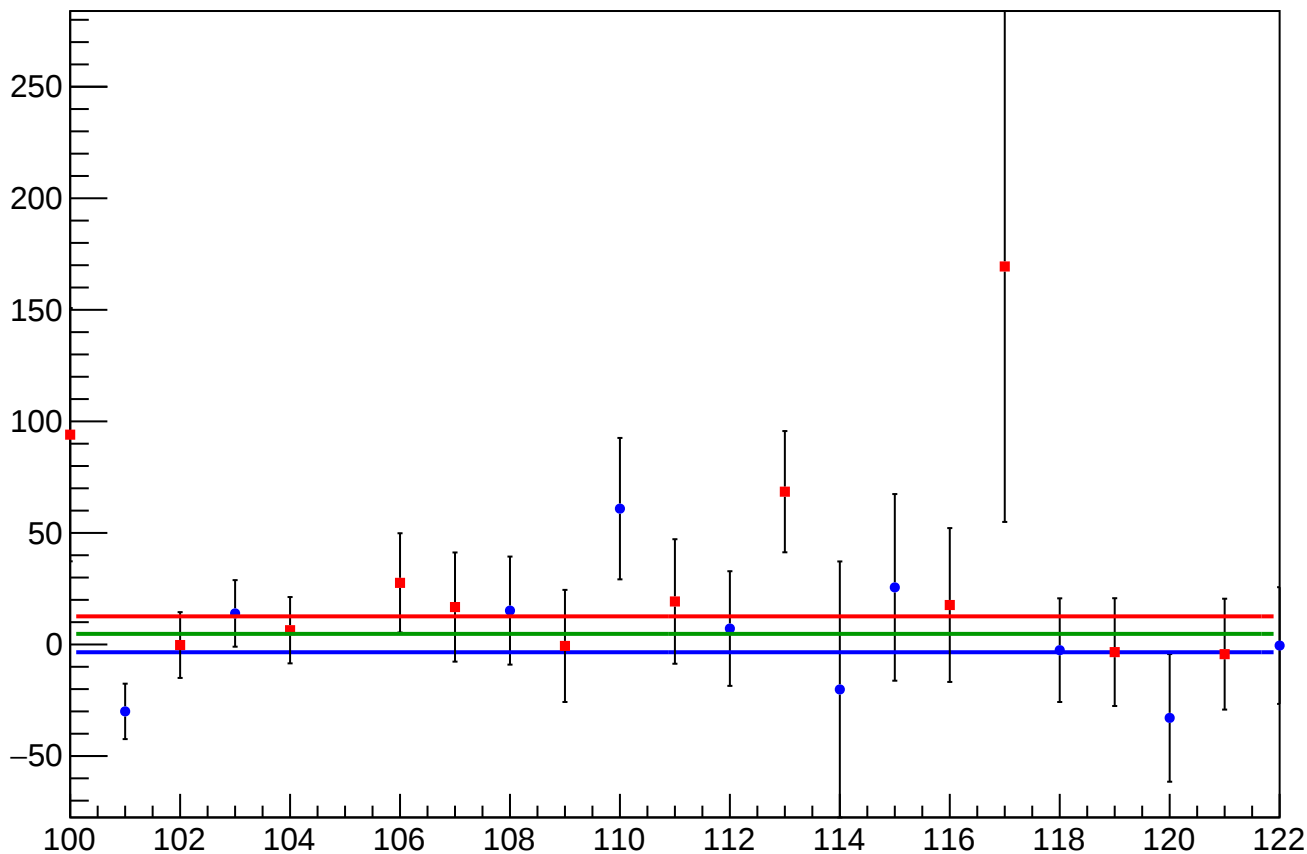
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

7111.984+/-2.611 χ^2 /NDF: 271035.8/9

7023.795+/-1.776 χ^2 /NDF: 651840.2/21

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

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.477+/-6.968 χ^2 /NDF: 12.4/9

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

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

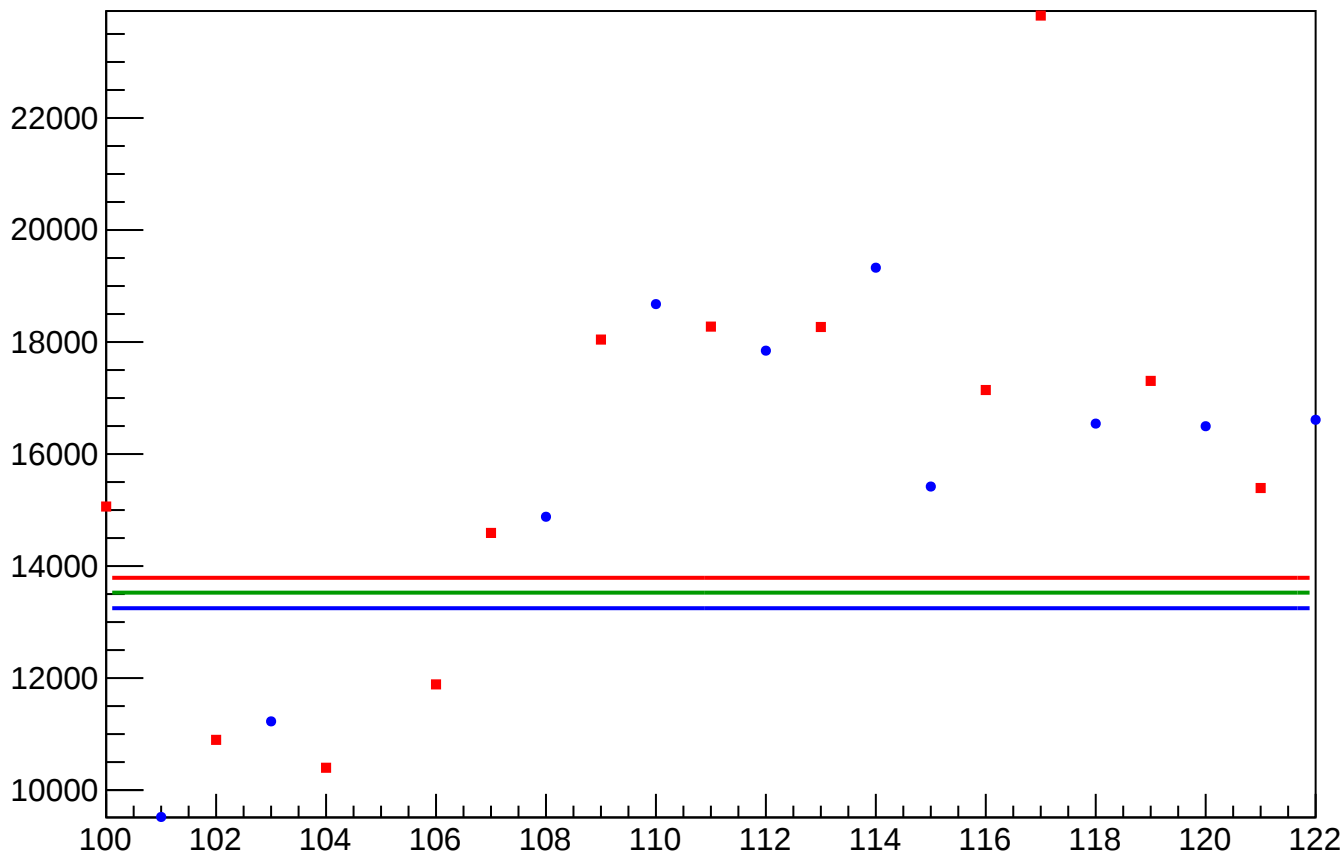
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3.477+/-6.968 χ^2 /NDF: 12.4/9

4.755+/-4.868 χ^2 /NDF: 26.0/21

12.605+/-6.804 χ^2 /NDF: 10.8/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13247.362+/-4.927 χ^2/NDF : 475578.4/9

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

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

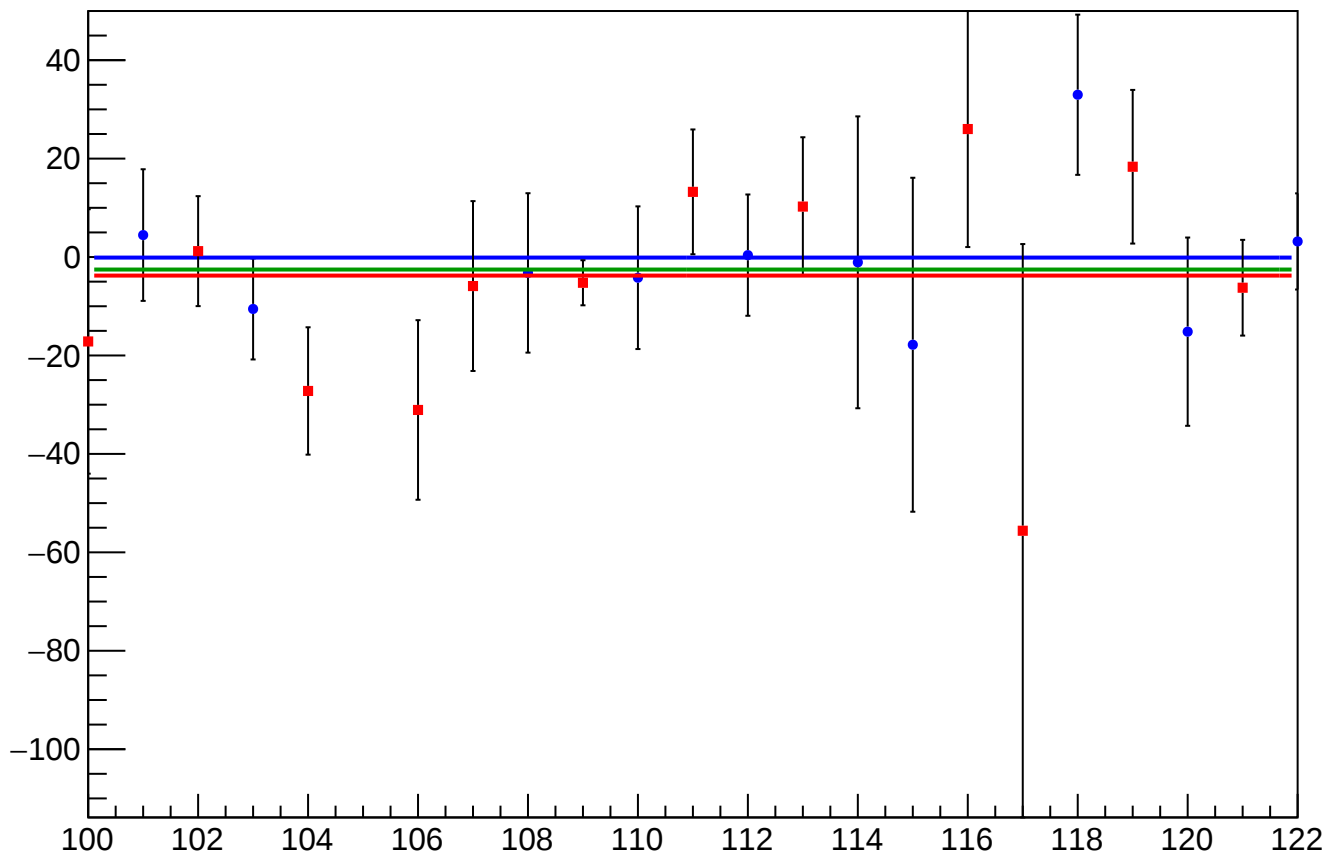
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13247.362+/-4.927 χ^2/NDF : 475578.4/9

13525.231+/-3.442 χ^2/NDF : 928947.0/21

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

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.110 ± 4.507 χ^2/NDF : 6.4/9

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

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

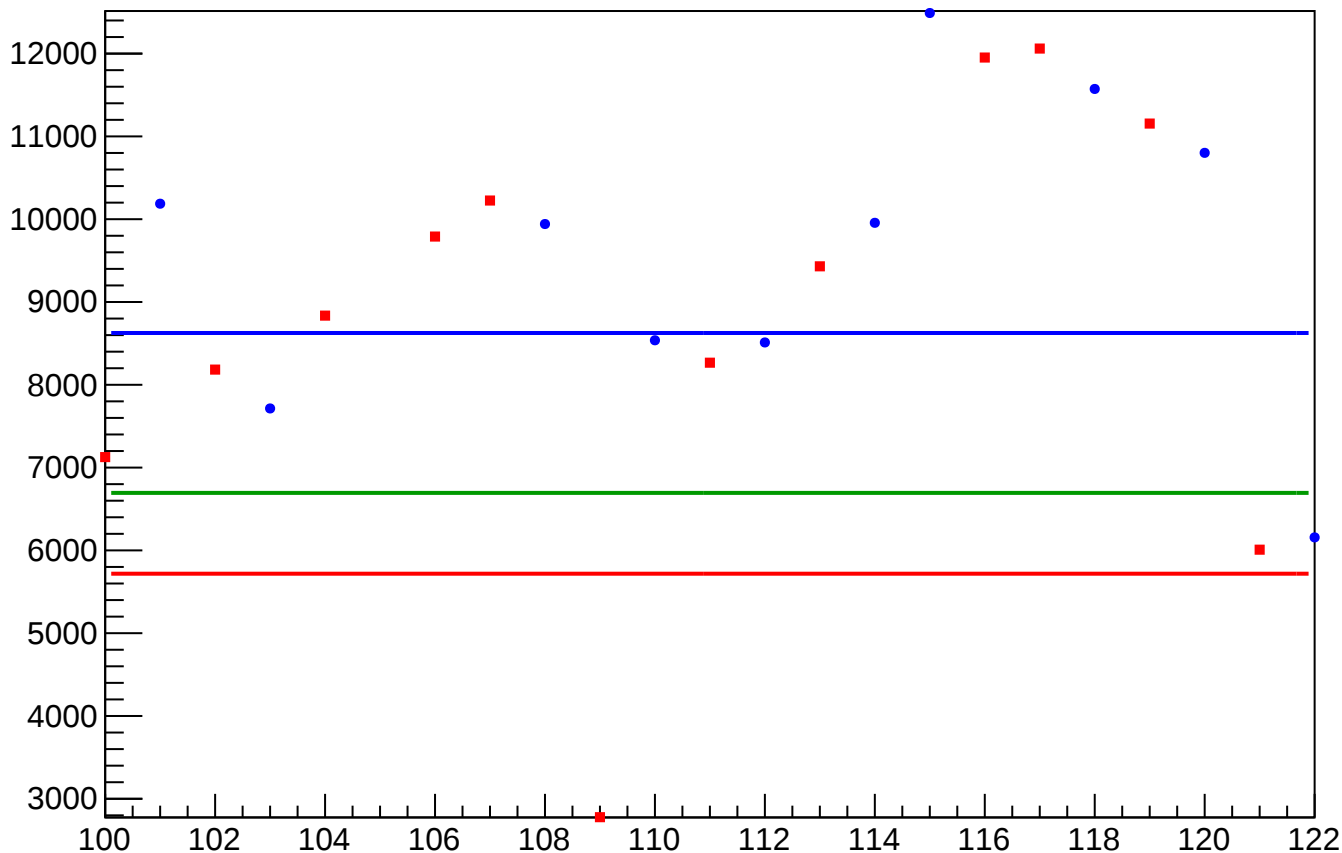
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.110 ± 4.507 χ^2/NDF : 6.4/9

-2.540 ± 2.611 χ^2/NDF : 20.1/21

-3.768 ± 3.204 χ^2/NDF : 13.3/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8625.727+/-3.187 χ^2/NDF : 305656.4/9

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

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

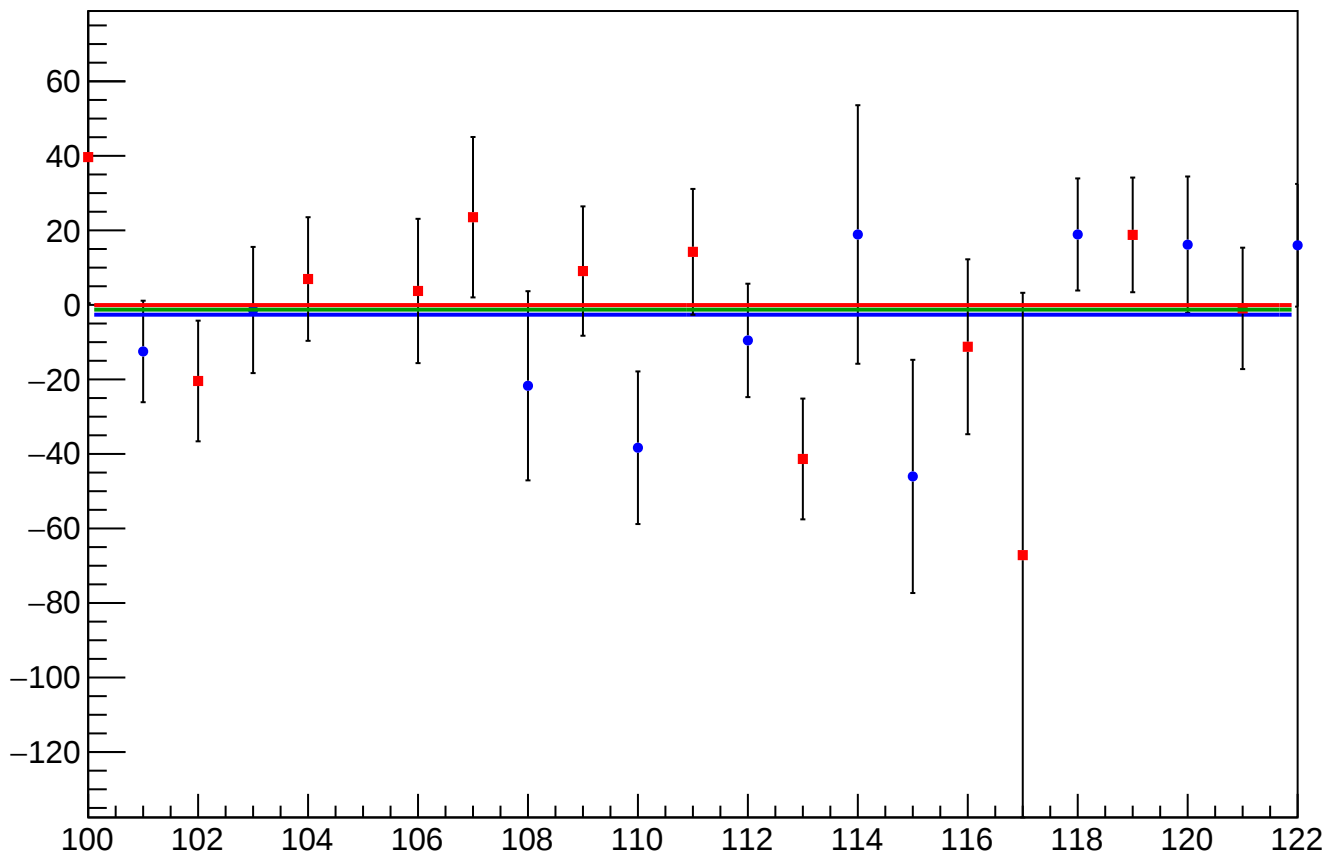
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8625.727+/-3.187 χ^2/NDF : 305656.4/9

6694.464+/-1.846 χ^2/NDF : 2761994.3/21

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

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.625+/-5.766 χ^2 /NDF: 11.0/9

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

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

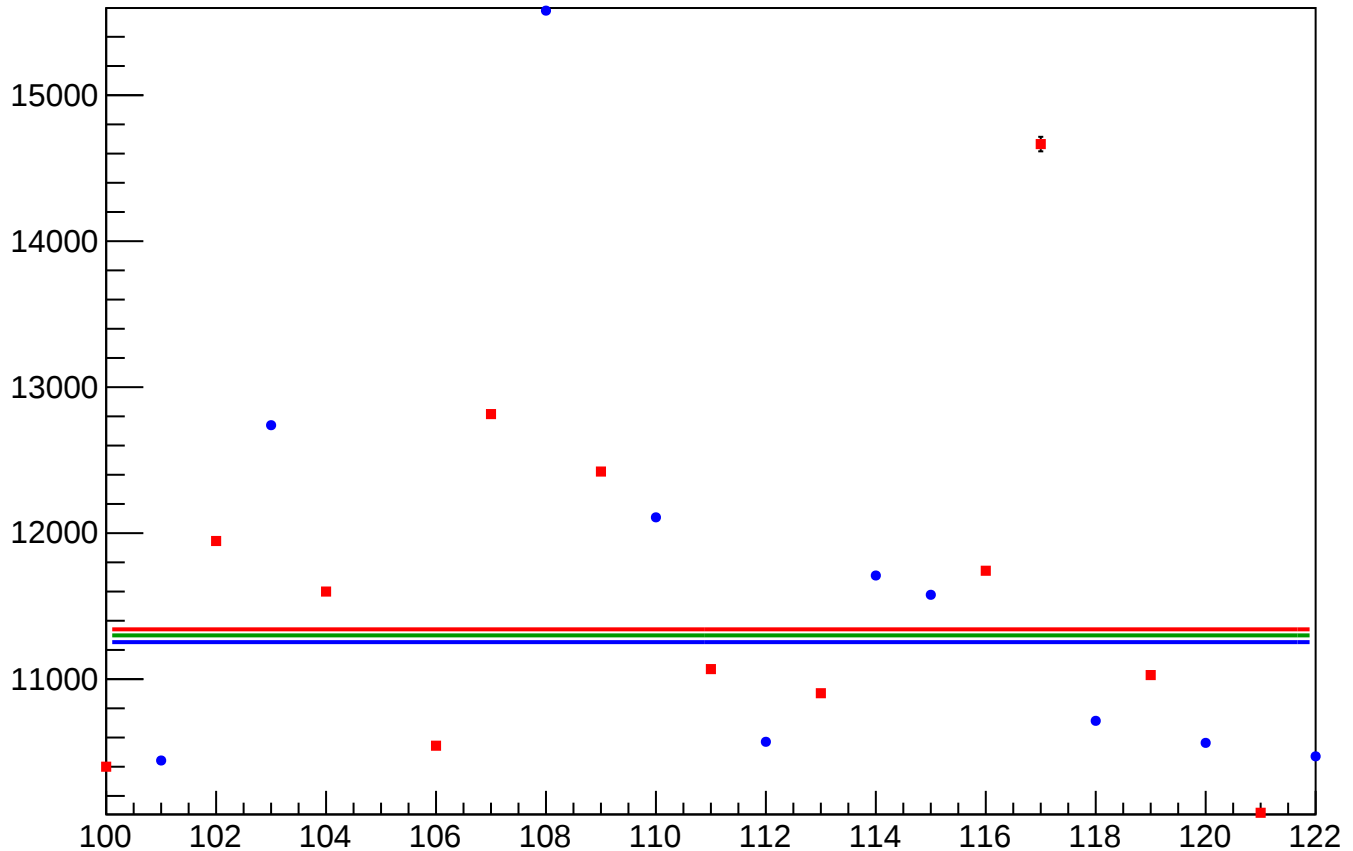
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.625+/-5.766 χ^2 /NDF: 11.0/9

-1.266+/-3.964 χ^2 /NDF: 25.3/21

-0.049+/-5.458 χ^2 /NDF: 14.2/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11253.469+/-4.077 χ^2/NDF : 98562.9/9

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

Right Out: 11341.156+/-3.859 χ^2/NDF : 44712.6/11

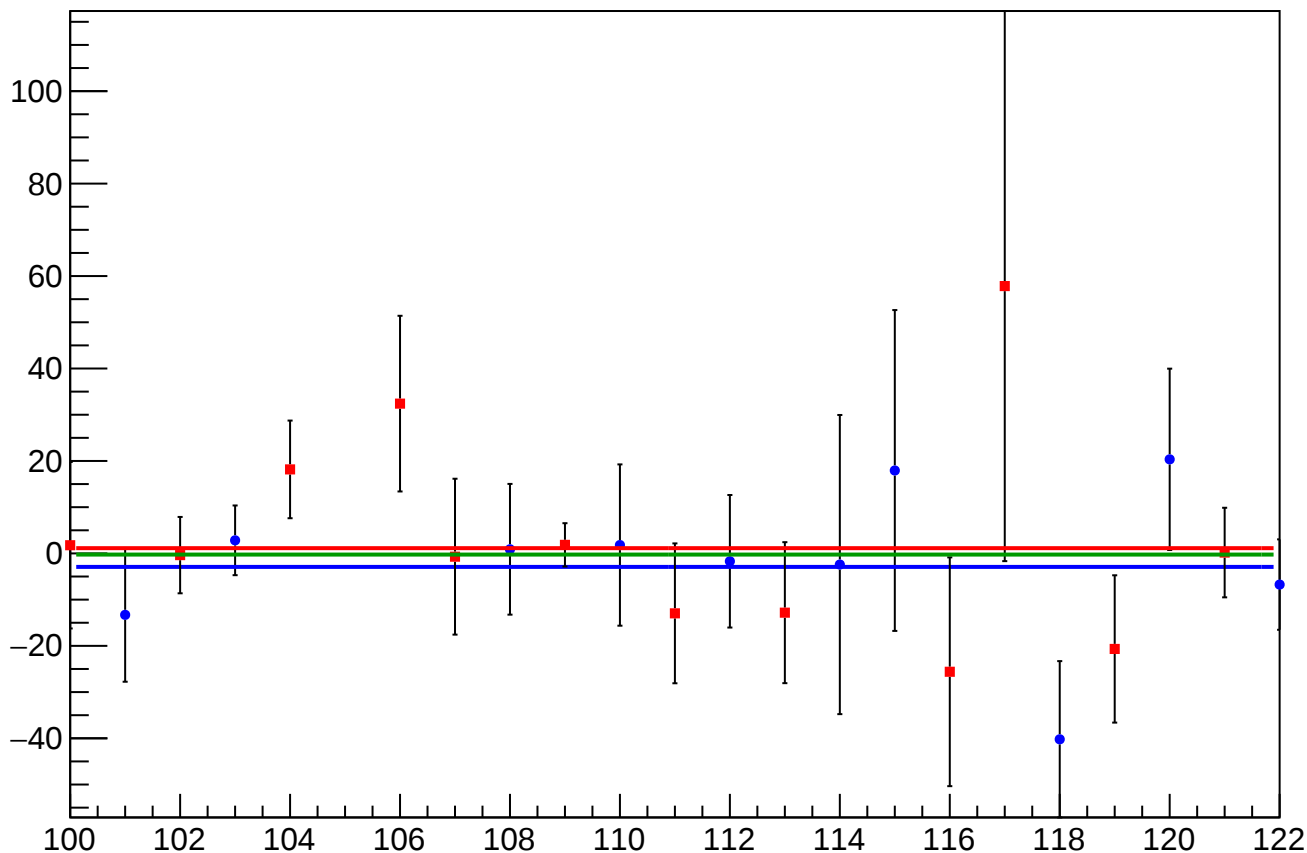
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11253.469+/-4.077 χ^2/NDF : 98562.9/9

11299.718+/-2.803 χ^2/NDF : 143519.5/21

11341.156+/-3.859 χ^2/NDF : 44712.6/11

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.919+/-4.309 χ^2/NDF : 8.0/9

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

Right Out: 1.134+/-3.106 χ^2/NDF : 11.0/11

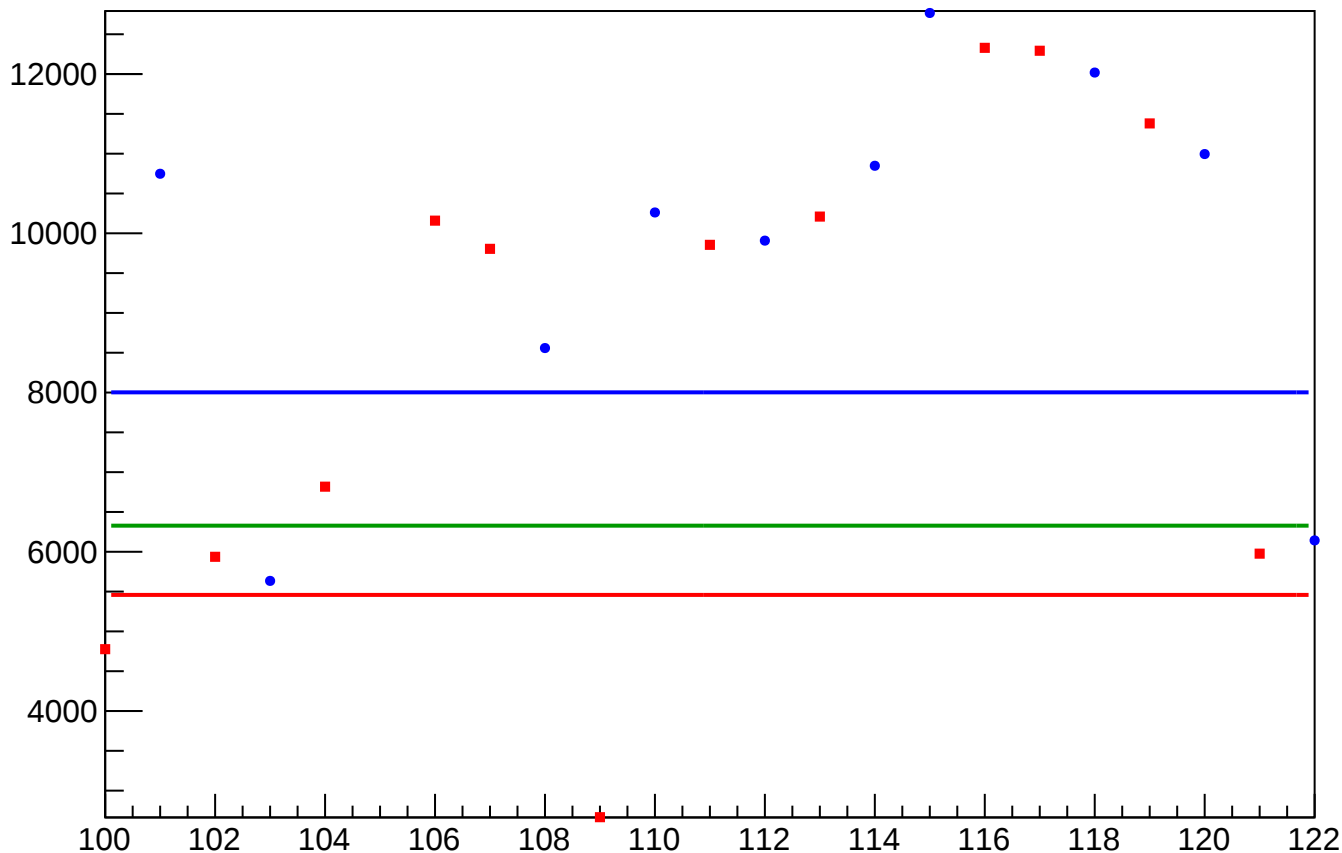
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.919+/-4.309 χ^2/NDF : 8.0/9

-0.252+/-2.520 χ^2/NDF : 19.7/21

1.134+/-3.106 χ^2/NDF : 11.0/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8002.340+/-3.047 χ^2/NDF : 626157.1/9

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

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

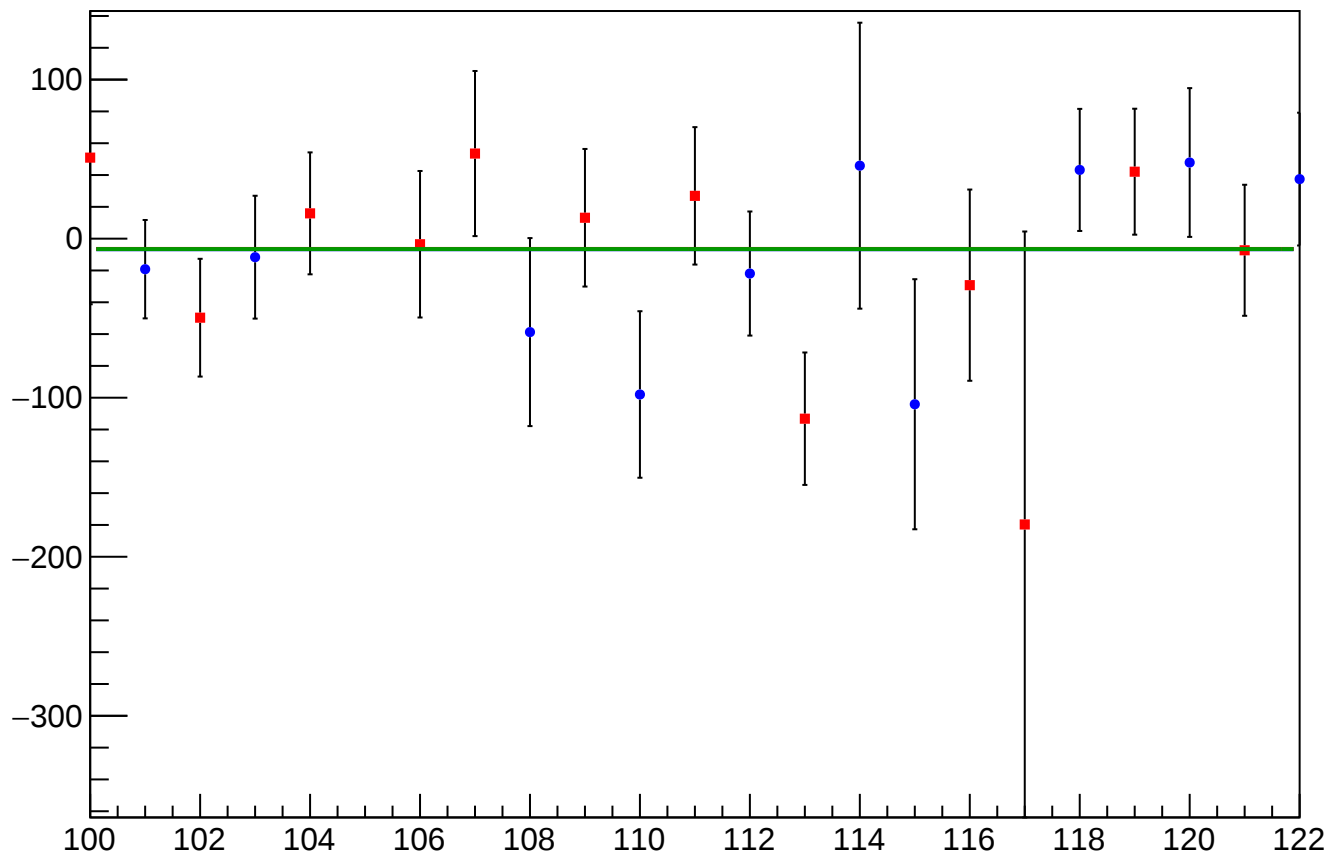
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8002.340+/-3.047 χ^2/NDF : 626157.1/9

6328.013+/-1.782 χ^2/NDF : 2917947.9/21

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

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -6.636+/-14.114 χ^2/NDF : 10.2/9

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

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

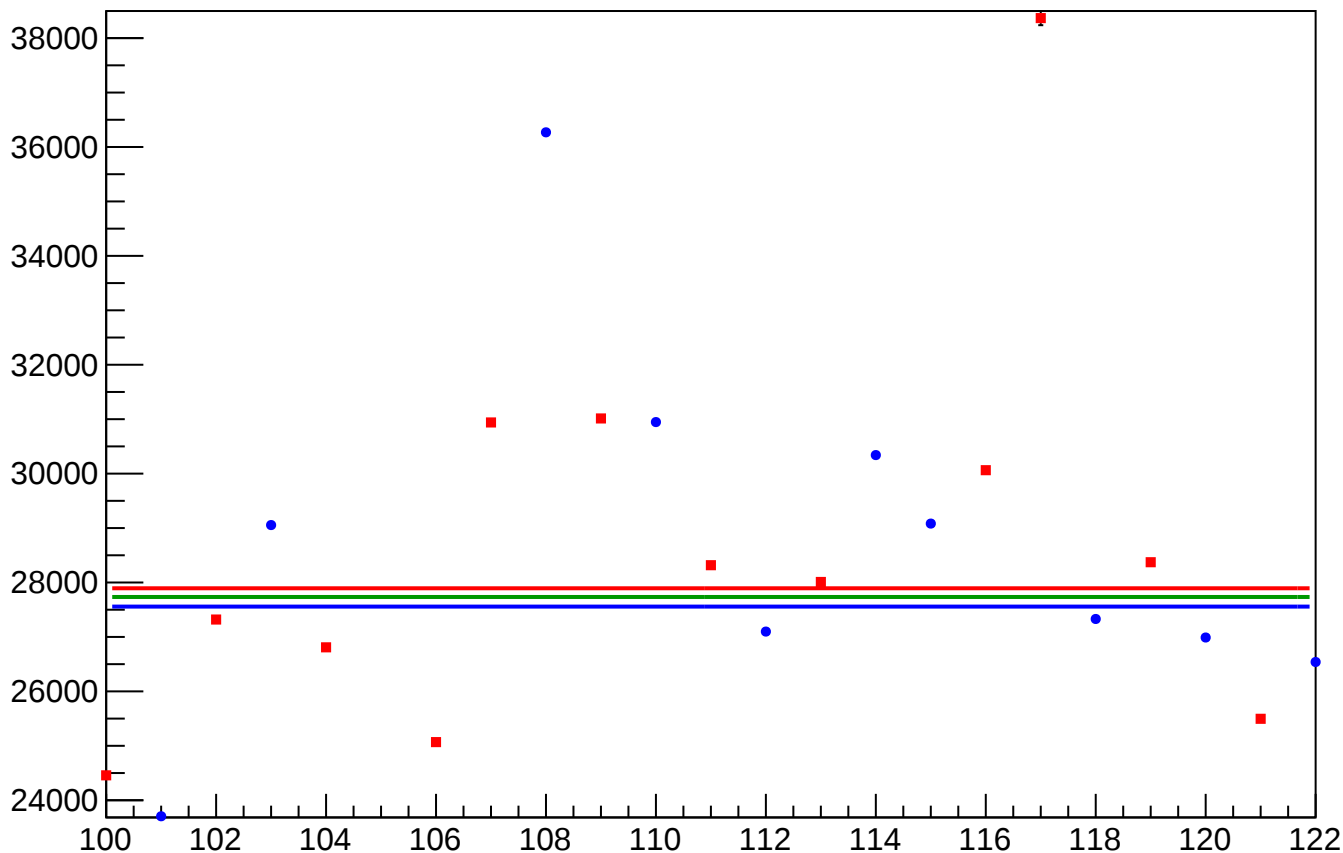
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.636+/-14.114 χ^2/NDF : 10.2/9

-6.552+/-9.726 χ^2/NDF : 23.5/21

-6.476+/-13.422 χ^2/NDF : 13.3/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27557.395+/-9.980 χ^2/NDF : 90362.4/9

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

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

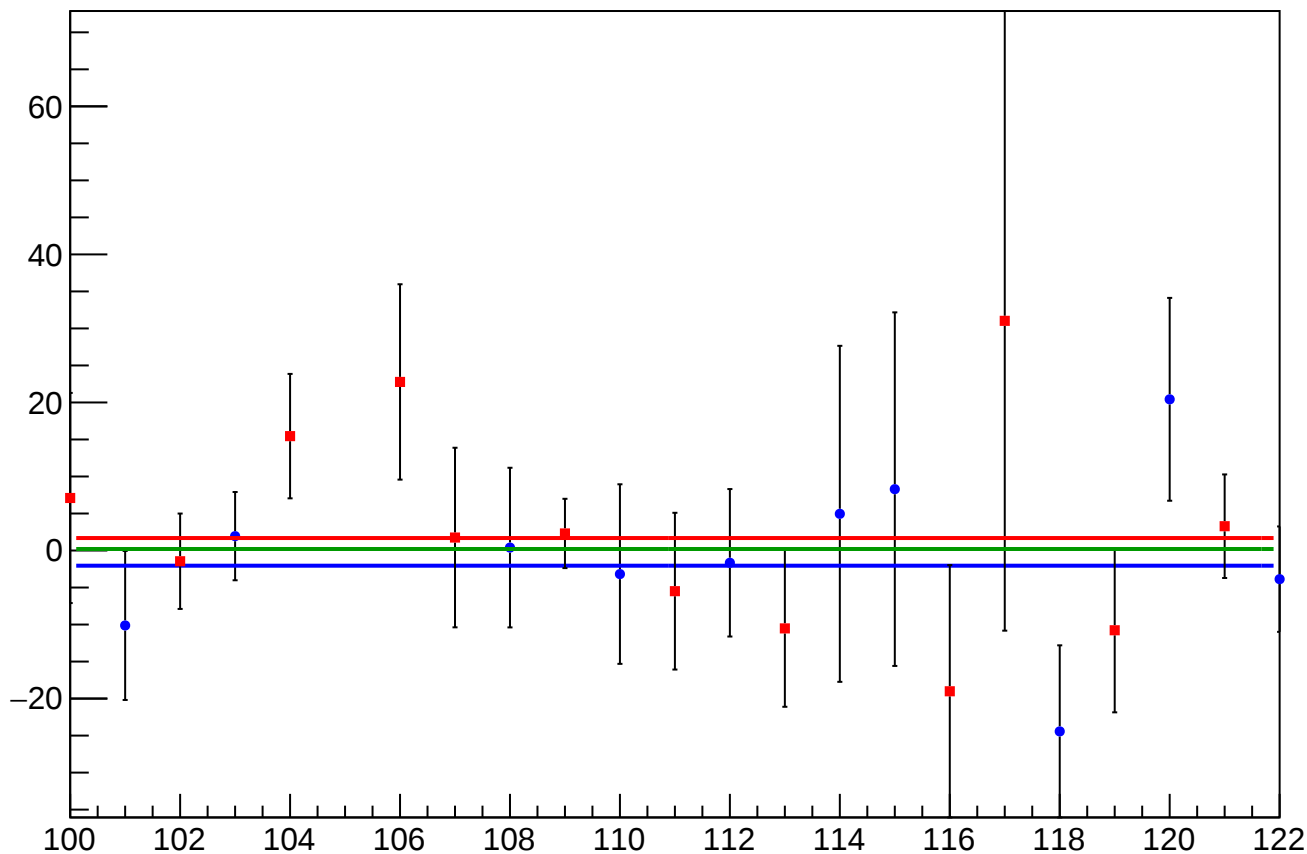
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27557.395+/-9.980 χ^2/NDF : 90362.4/9

27734.021+/-6.878 χ^2/NDF : 136982.9/21

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

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.050+/-3.168 χ^2/NDF : 7.9/9

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

Right Out: 1.687+/-2.566 χ^2/NDF : 10.7/11

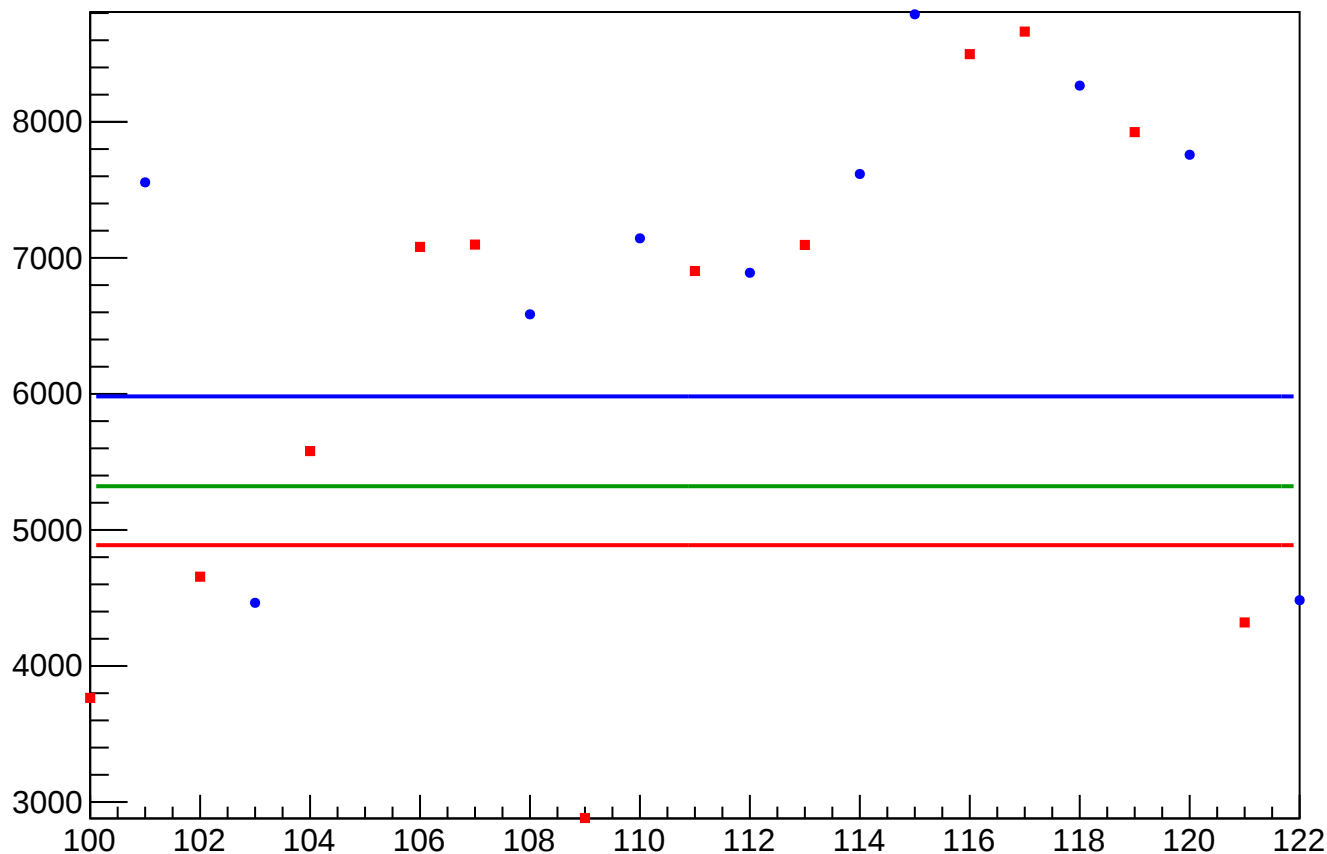
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.050+/-3.168 χ^2/NDF : 7.9/9

0.206+/-1.994 χ^2/NDF : 19.4/21

1.687+/-2.566 χ^2/NDF : 10.7/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5981.784+/-2.240 χ^2/NDF : 457169.2/9

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

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

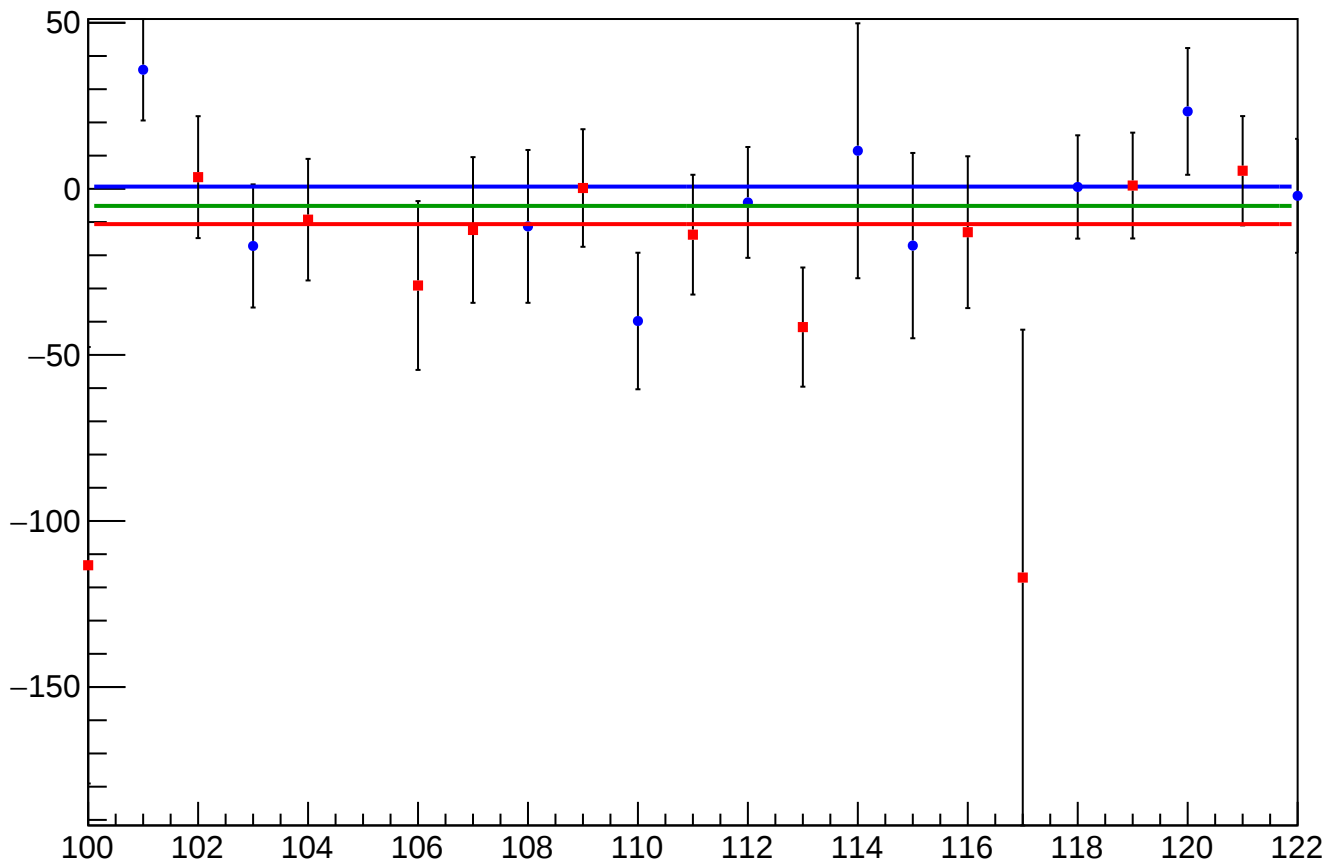
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5981.784+/-2.240 χ^2/NDF : 457169.2/9

5321.466+/-1.410 χ^2/NDF : 1547157.4/21

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

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.679 $\pm$ 6.054 χ^2/NDF : 12.4/9

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

Right Out: -10.621 $\pm$ 5.881 χ^2/NDF : 10.5/11

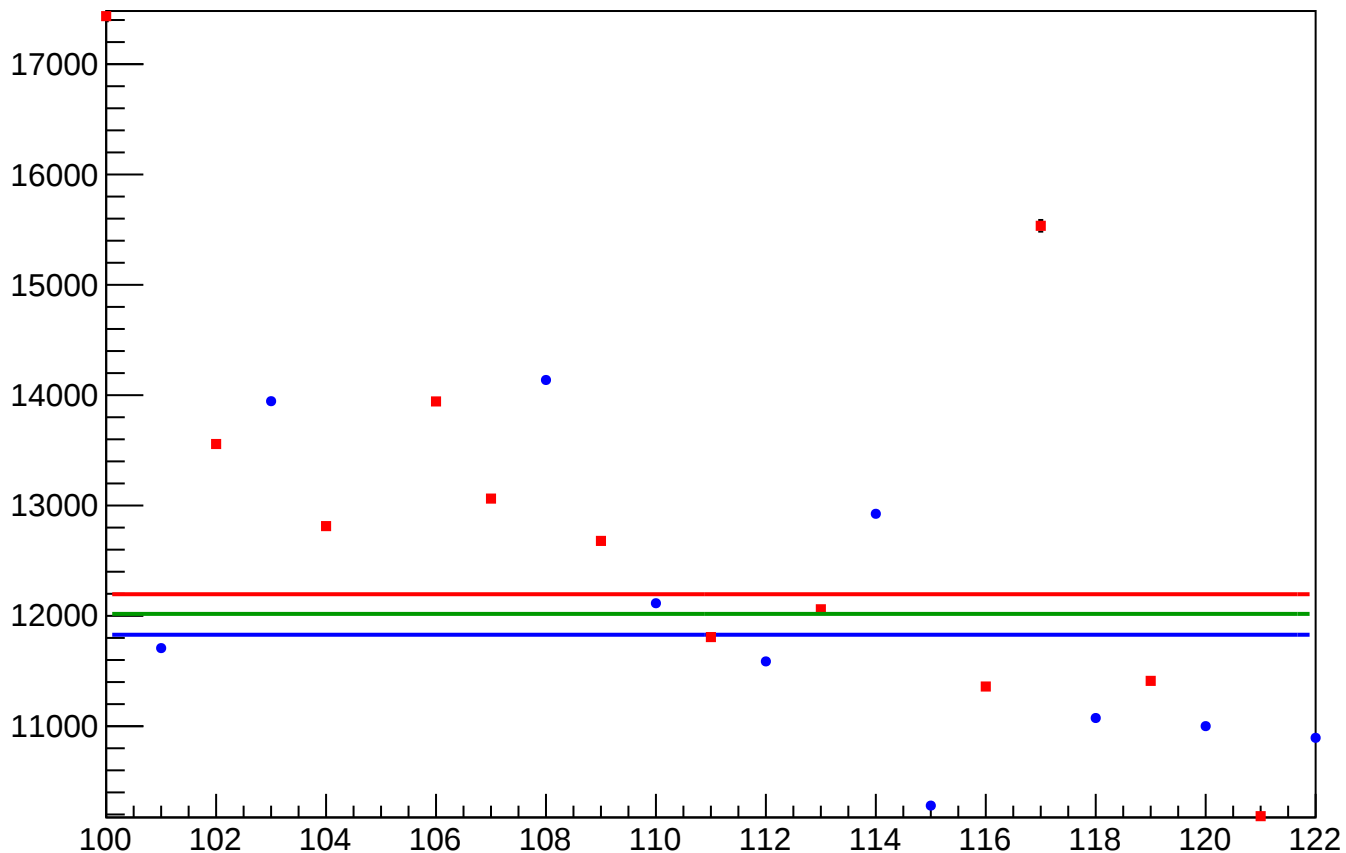
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.679 $\pm$ 6.054 χ^2/NDF : 12.4/9

-5.135 $\pm$ 4.218 χ^2/NDF : 24.7/21

-10.621 $\pm$ 5.881 χ^2/NDF : 10.5/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11828.875+/-4.281 χ^2/NDF : 69345.6/9

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

Right Out: 12196.106+/-4.158 χ^2/NDF : 82533.4/11

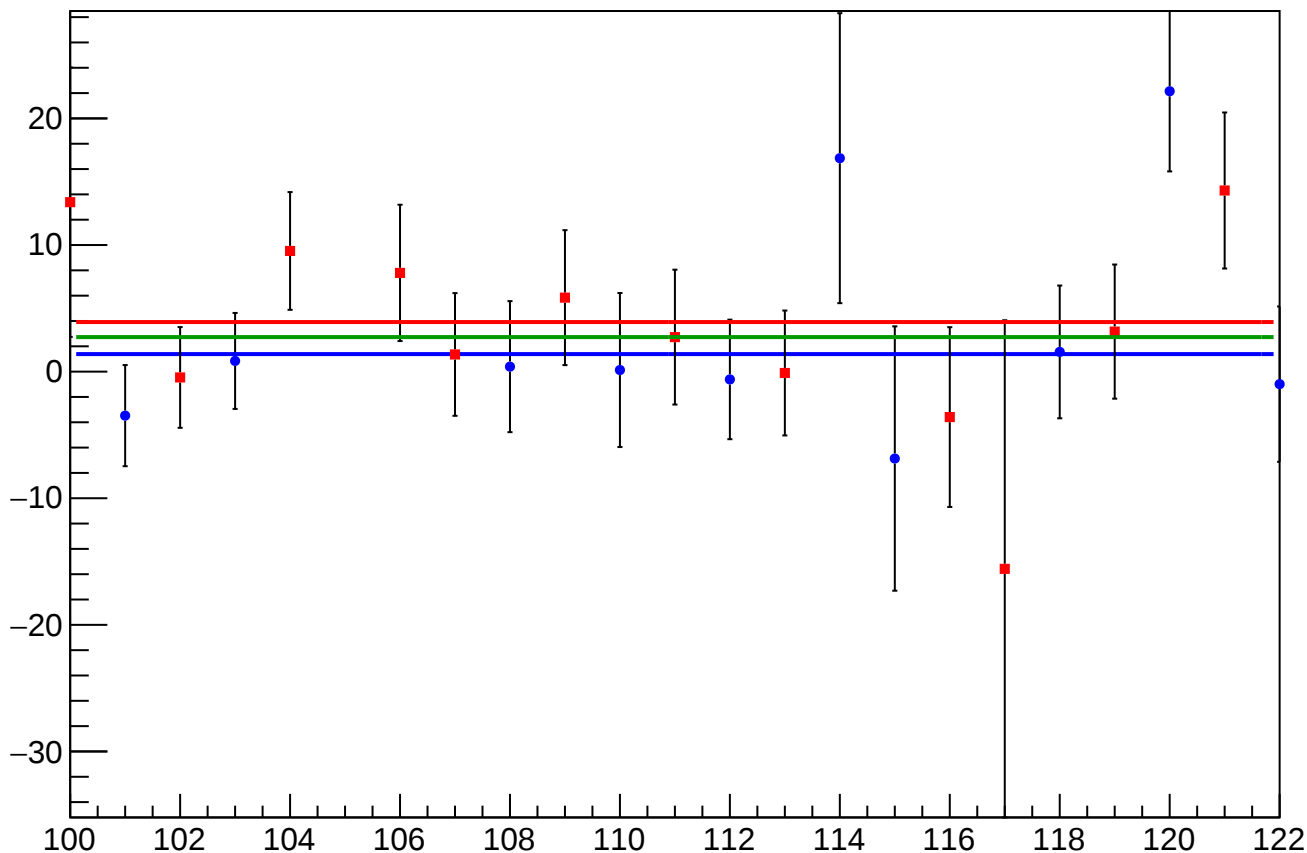
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11828.875+/-4.281 χ^2/NDF : 69345.6/9

12017.823+/-2.983 χ^2/NDF : 155665.1/21

12196.106+/-4.158 χ^2/NDF : 82533.4/11

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.385+/-1.700 χ^2/NDF : 15.1/9

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

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

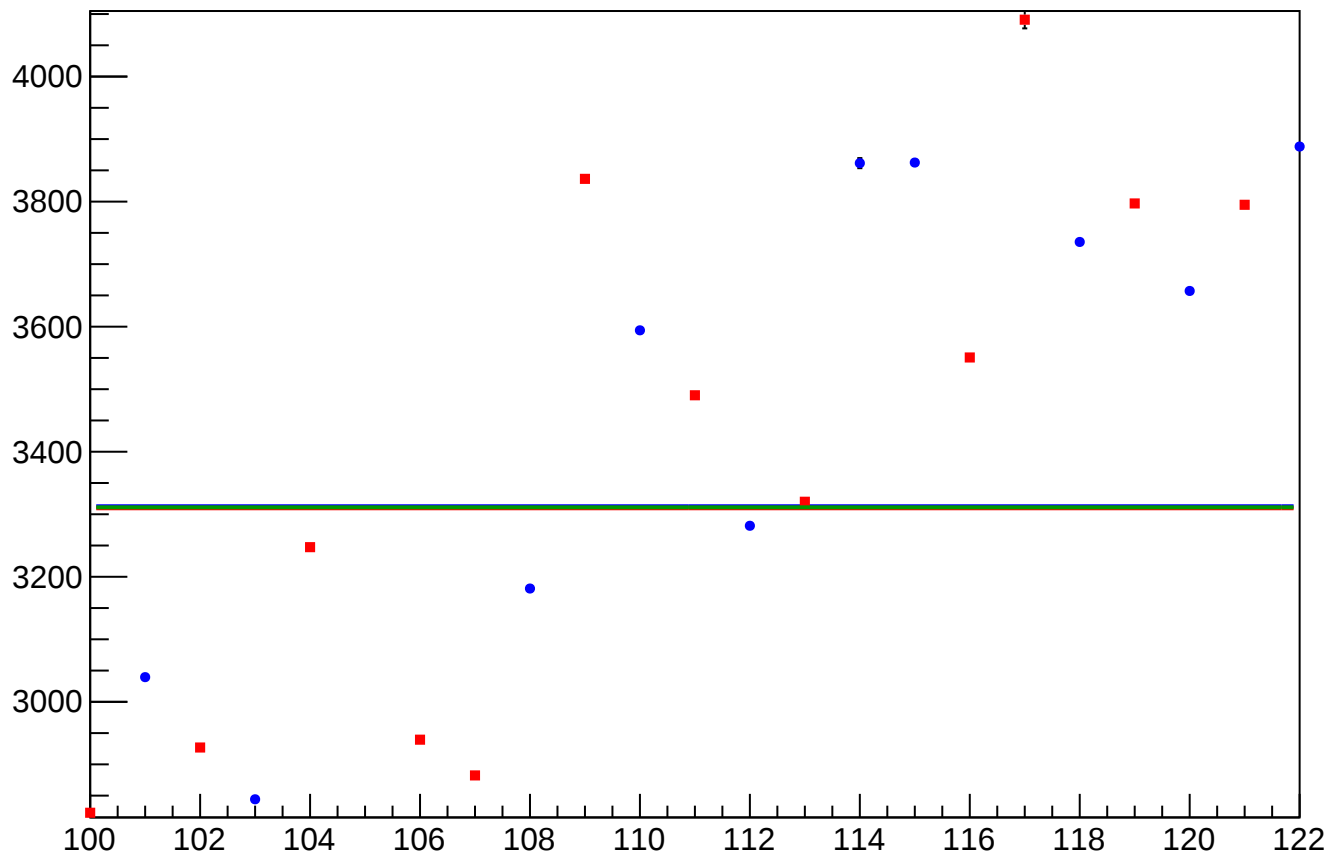
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.385+/-1.700 χ^2/NDF : 15.1/9

2.728+/-1.164 χ^2/NDF : 26.4/21

3.916+/-1.599 χ^2/NDF : 10.1/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3312.808 $\pm$ 1.202 χ^2 /NDF: 92225.9/9

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

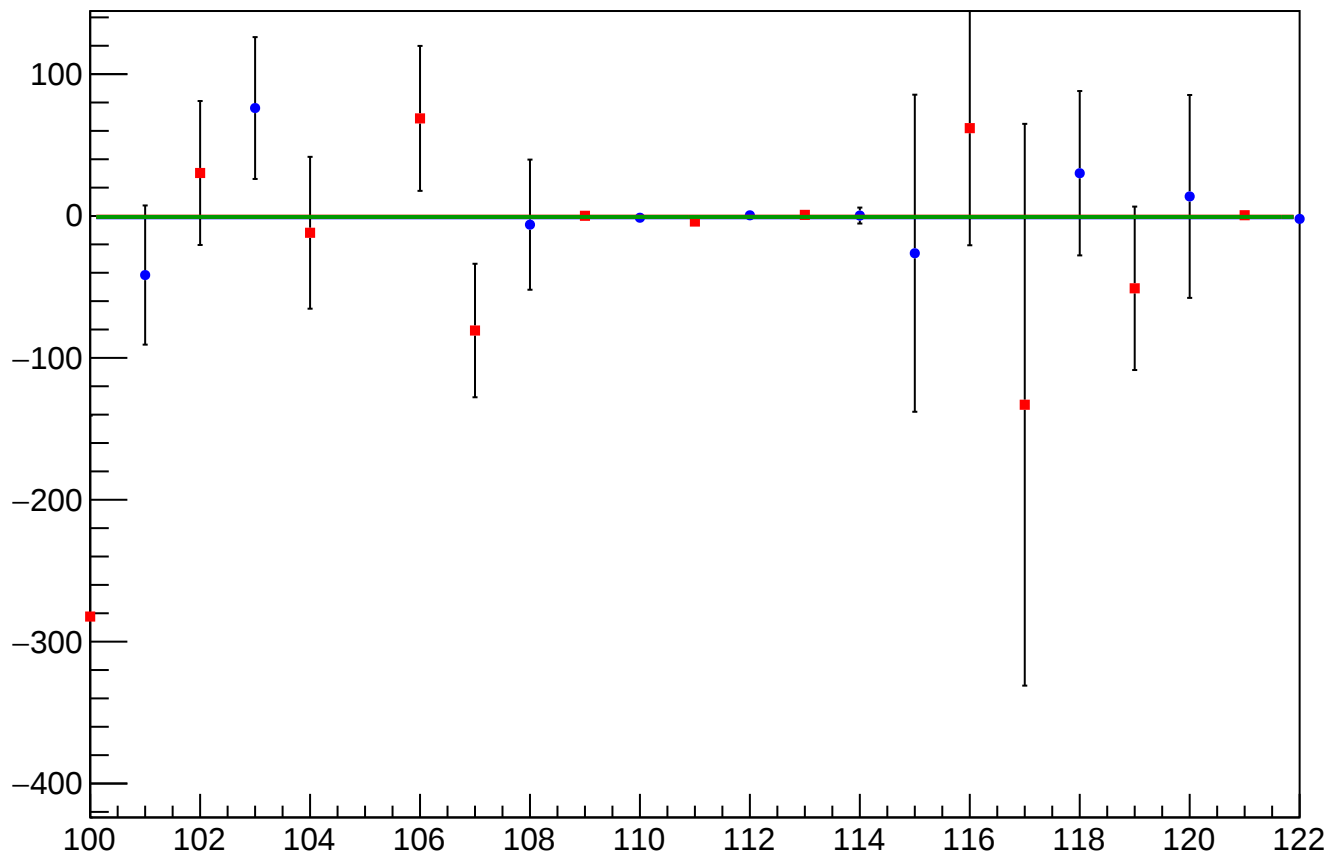
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3312.808 $\pm$ 1.202 χ^2 /NDF: 92225.9/9

3311.089 $\pm$ 0.823 χ^2 /NDF: 196953.8/21

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

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.904 ± 1.418 χ^2/NDF : 4.1/9

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

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

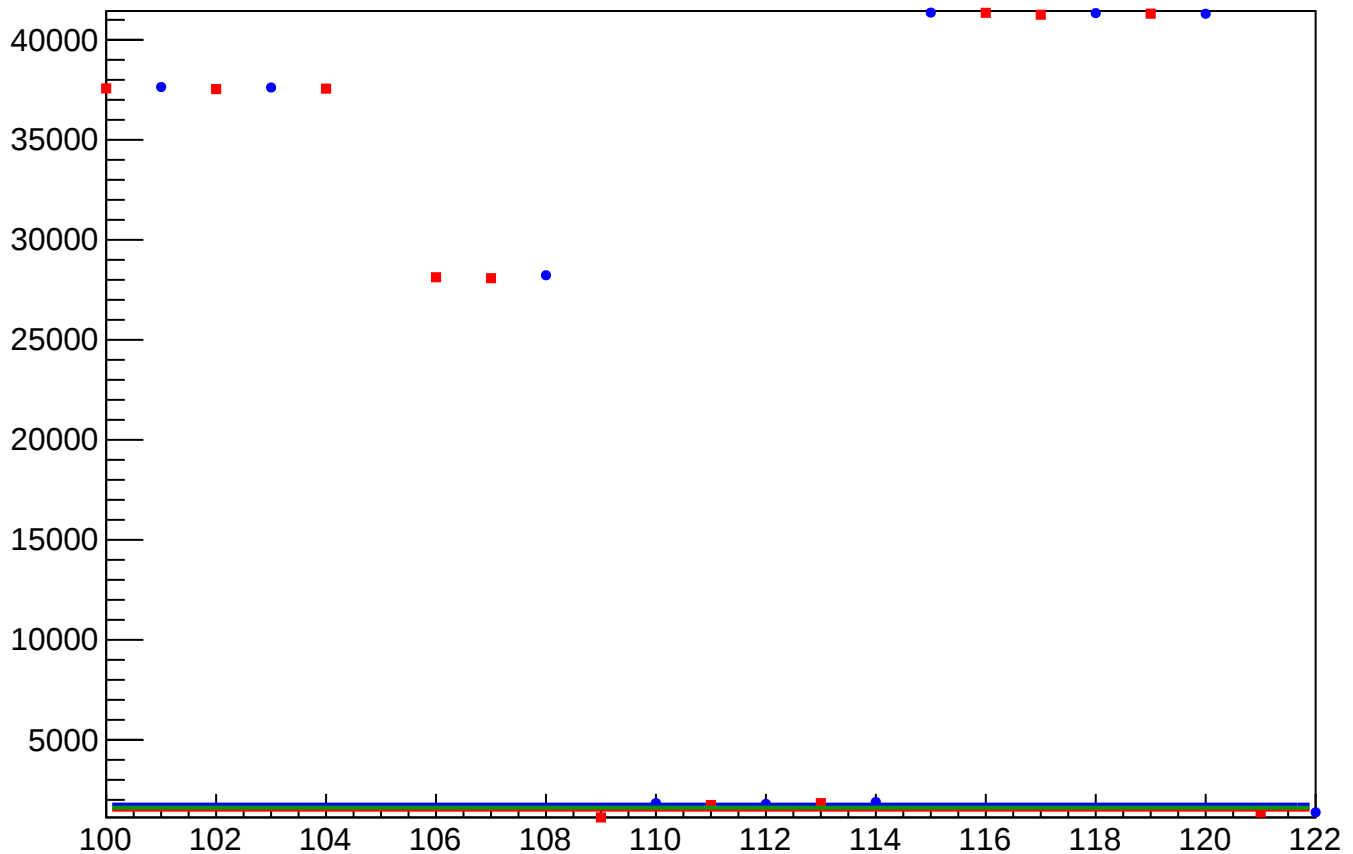
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.904 ± 1.418 χ^2/NDF : 4.1/9

-0.649 ± 0.902 χ^2/NDF : 17.2/21

-0.475 ± 1.170 χ^2/NDF : 13.0/11

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1761.382+/-1.003 χ^2/NDF : 4627337.7/9

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

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

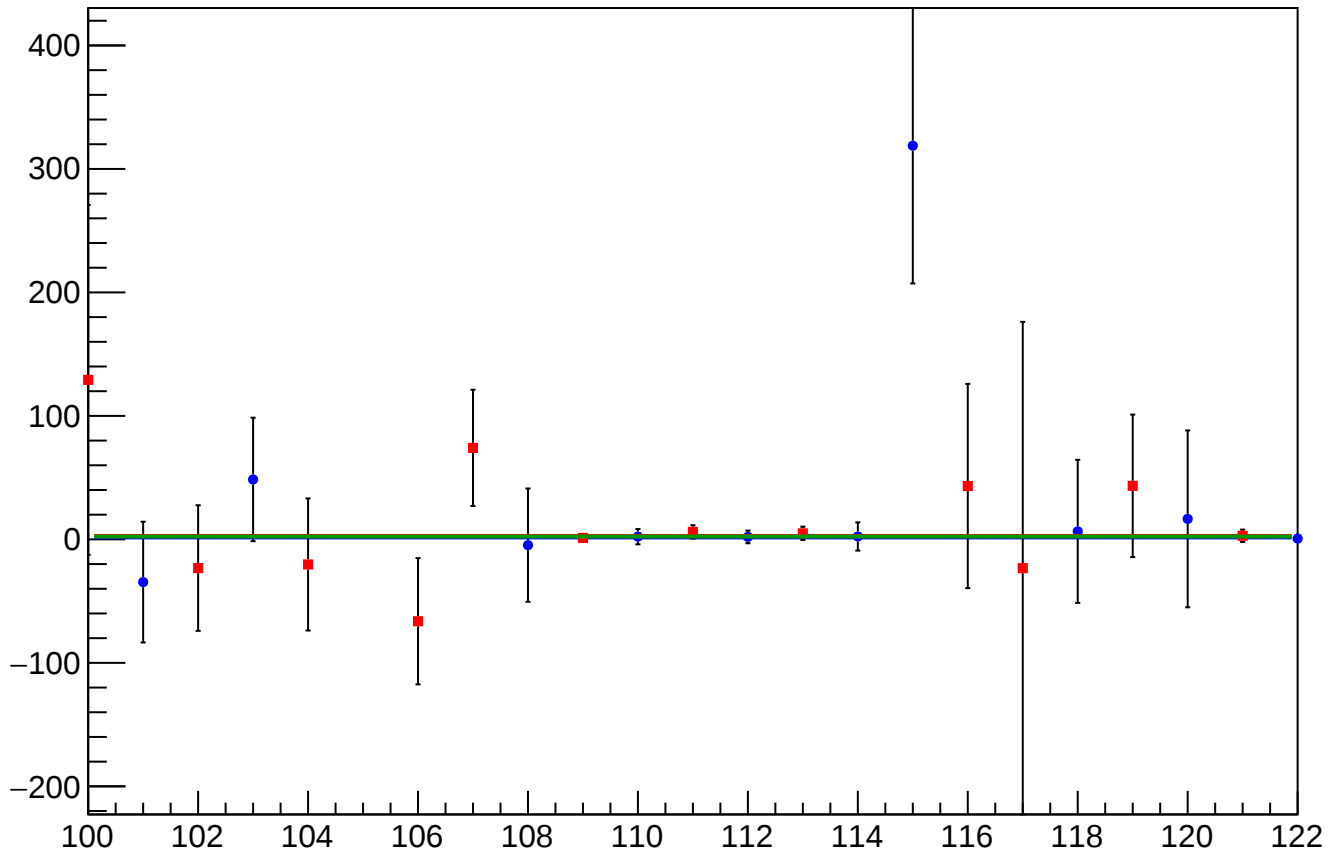
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1761.382+/-1.003 χ^2/NDF : 4627337.7/9

1611.727+/-0.638 χ^2/NDF : 9542668.0/21

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

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 1.611+/-2.636 χ^2/NDF : 9.7/9

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

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

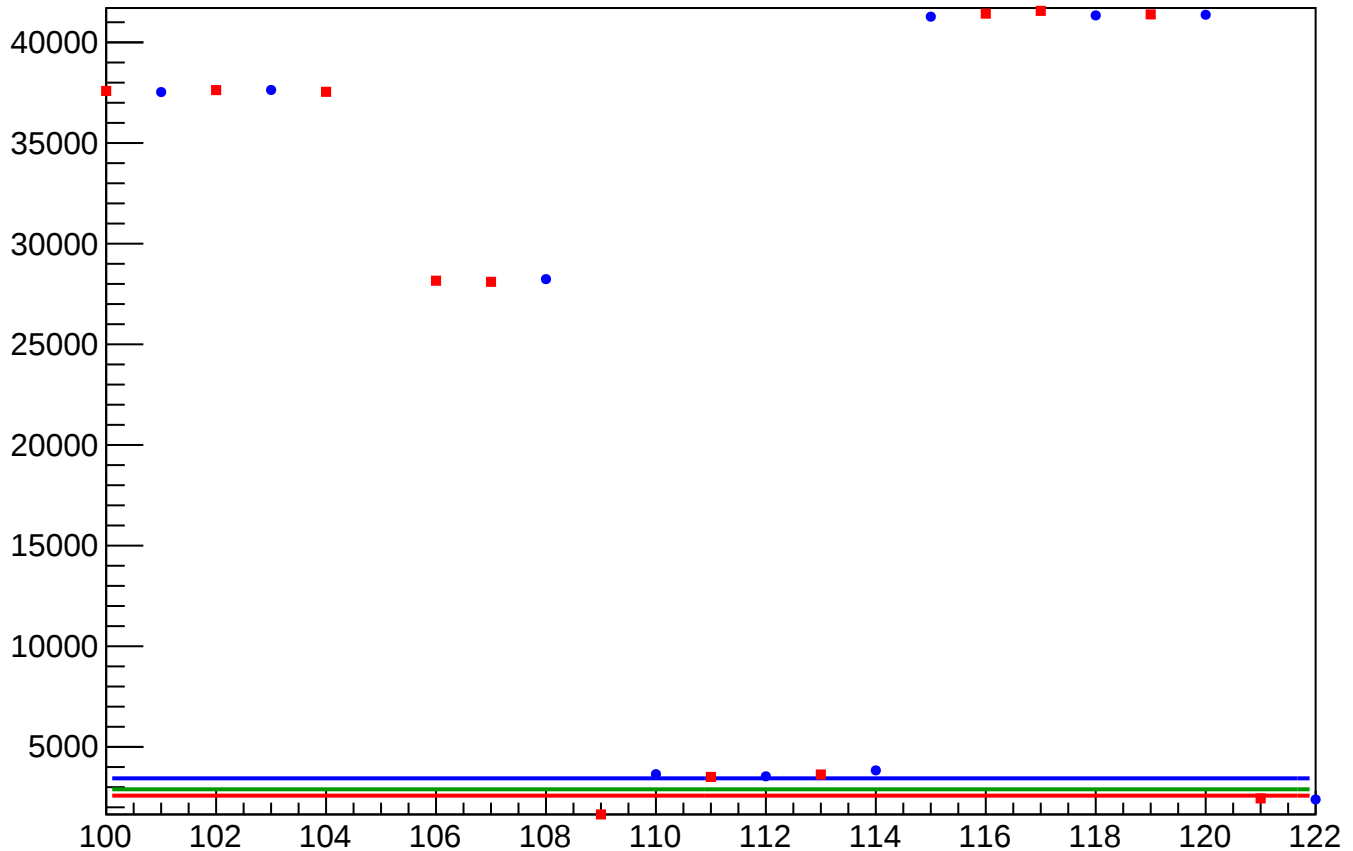
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.611+/-2.636 χ^2/NDF : 9.7/9

2.308+/-1.594 χ^2/NDF : 16.8/21

2.711+/-2.002 χ^2/NDF : 7.0/11

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3439.132 ± 1.864 χ^2/NDF : 4298913.1/9

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

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

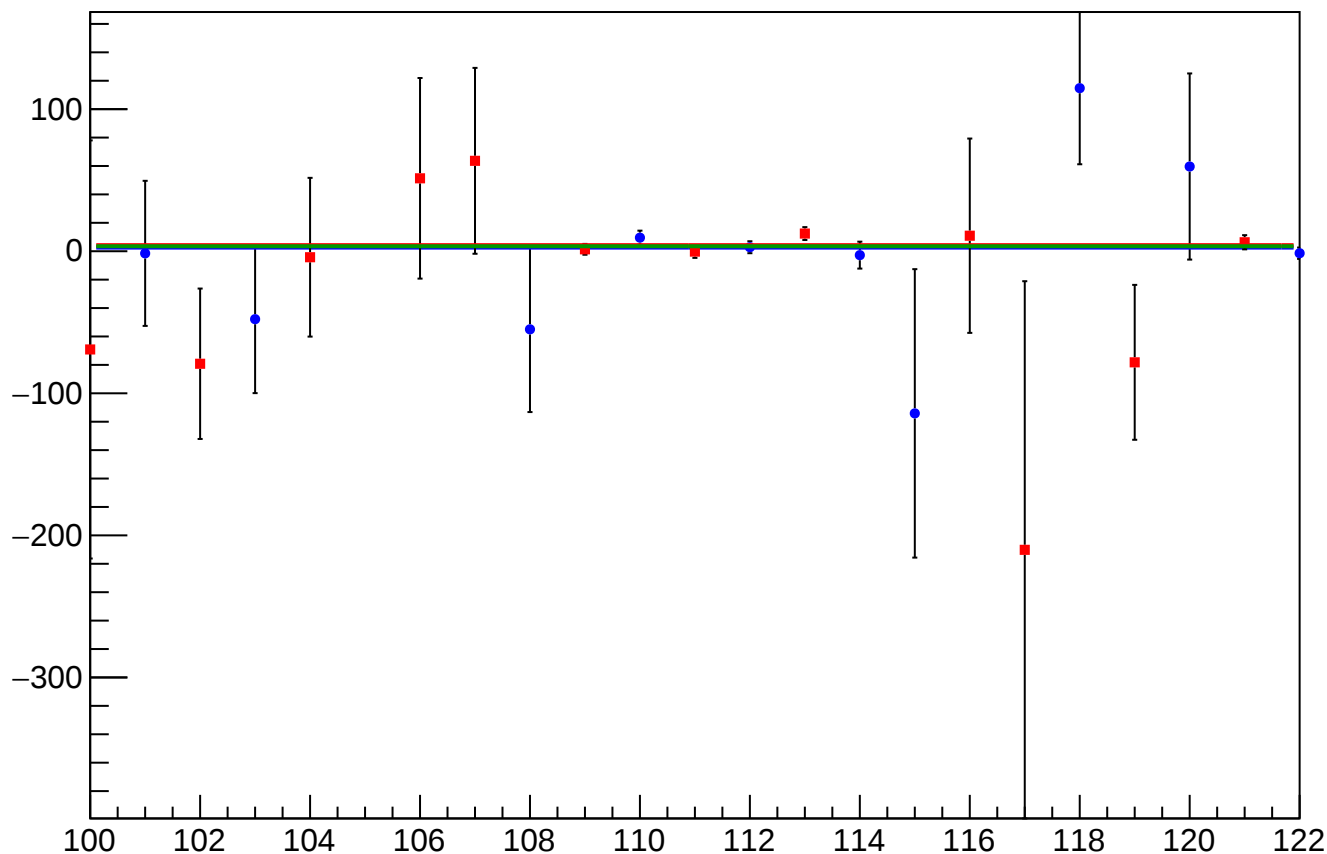
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3439.132 ± 1.864 χ^2/NDF : 4298913.1/9

2894.149 ± 1.127 χ^2/NDF : 9249054.8/21

2579.717 ± 1.416 χ^2/NDF : 4815331.4/11

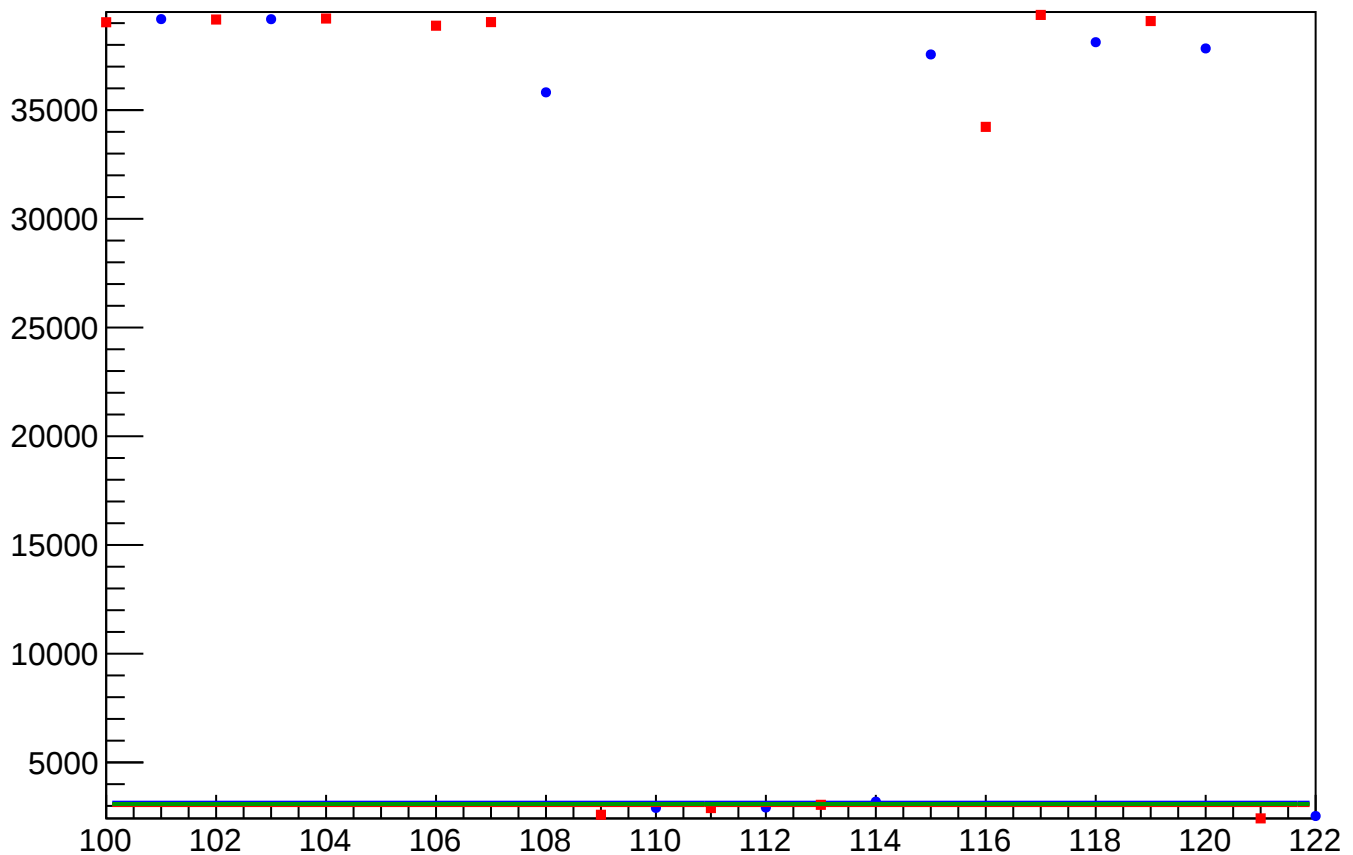
diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.552+/-2.402 χ^2/NDF : 11.7/9
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

2.552+/-2.402 χ^2/NDF : 11.7/9
3.500+/-1.615 χ^2/NDF : 24.6/21
4.282+/-2.181 χ^2/NDF : 12.7/11

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3147.355 ± 1.699 χ^2/NDF : 4283803.5/9

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

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

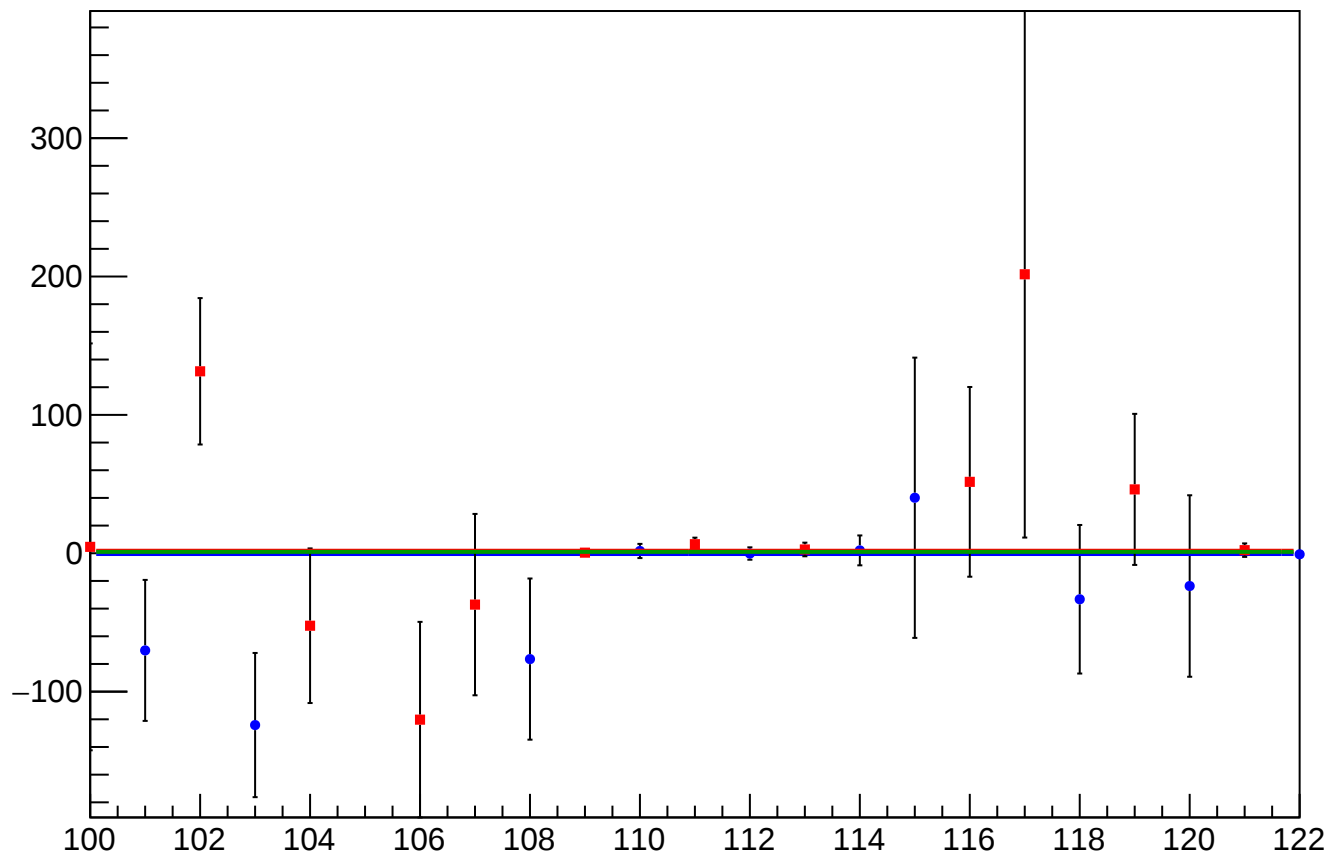
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3147.355 ± 1.699 χ^2/NDF : 4283803.5/9

3087.103 ± 1.142 χ^2/NDF : 8721634.5/21

3037.434 ± 1.542 χ^2/NDF : 4435535.8/11

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -0.542+/-2.366 χ^2/NDF : 10.1/9

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

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

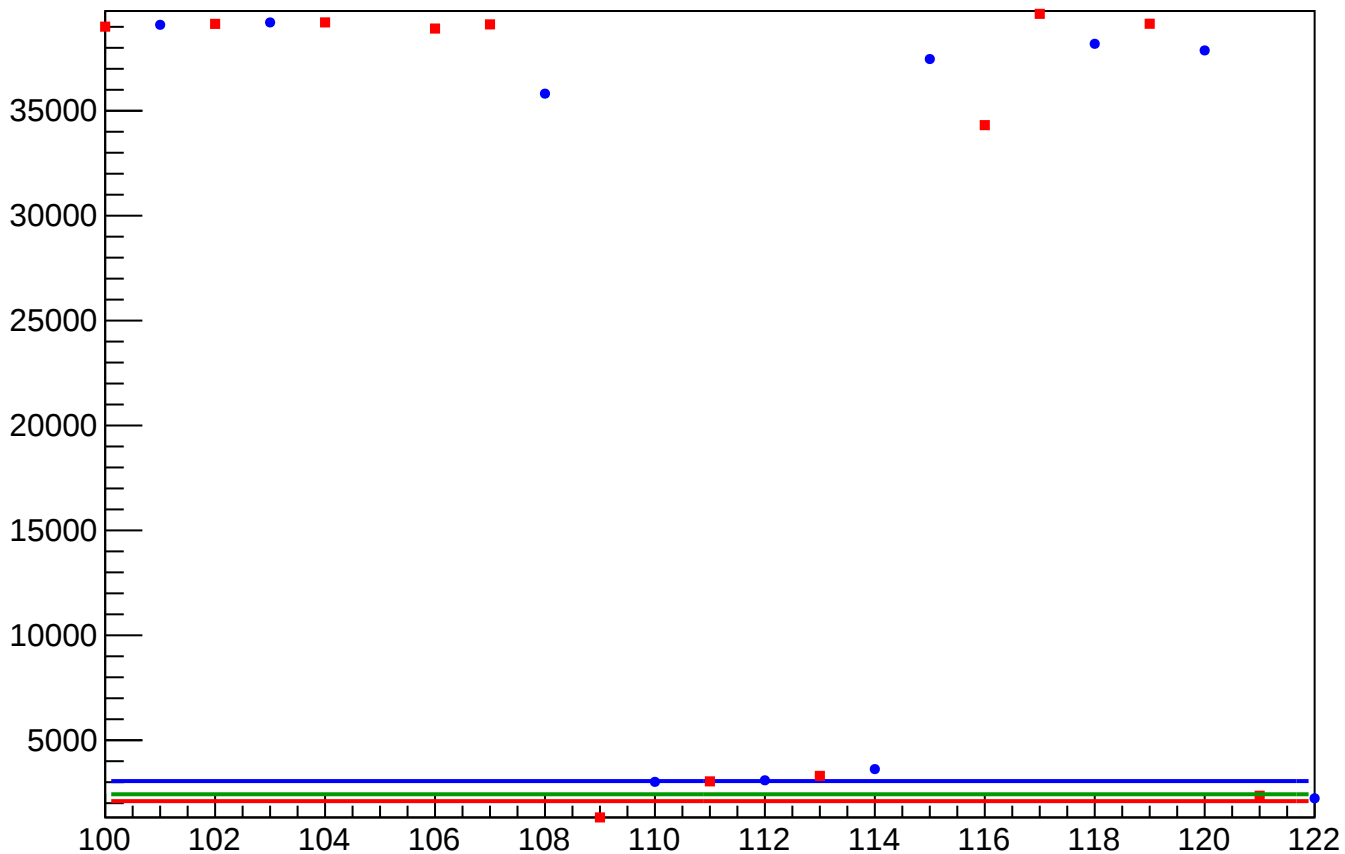
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.542+/-2.366 χ^2/NDF : 10.1/9

1.010+/-1.385 χ^2/NDF : 24.8/21

1.818+/-1.708 χ^2/NDF : 14.0/11

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3052.648 $\pm$ 1.673 χ^2/NDF : 4363234.7/9

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

Right Out: 2097.002 $\pm$ 1.207 χ^2/NDF : 5072613.7/11

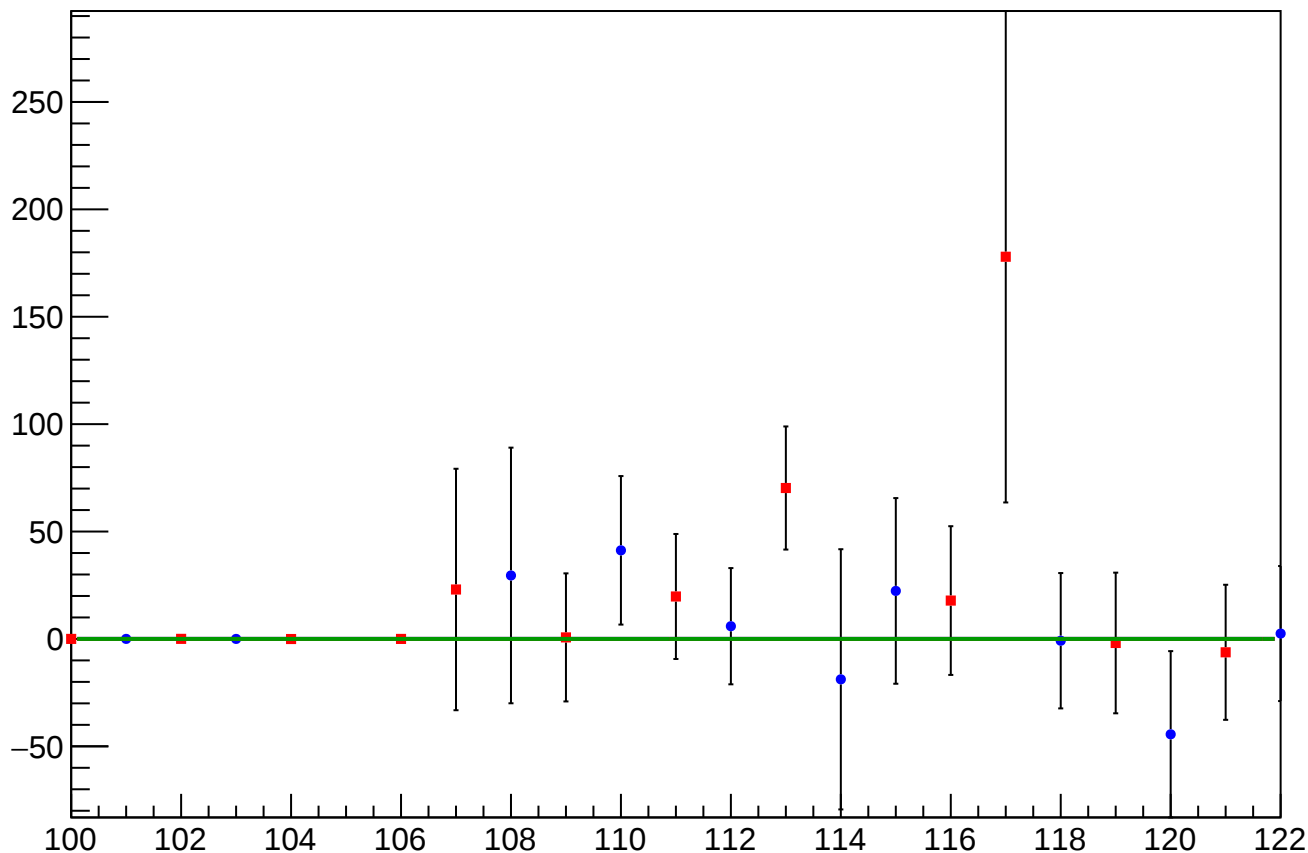
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

3052.648 $\pm$ 1.673 χ^2/NDF : 4363234.7/9

2424.190 $\pm$ 0.979 χ^2/NDF : 9650332.4/21

2097.002 $\pm$ 1.207 χ^2/NDF : 5072613.7/11

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 3.6/9

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

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

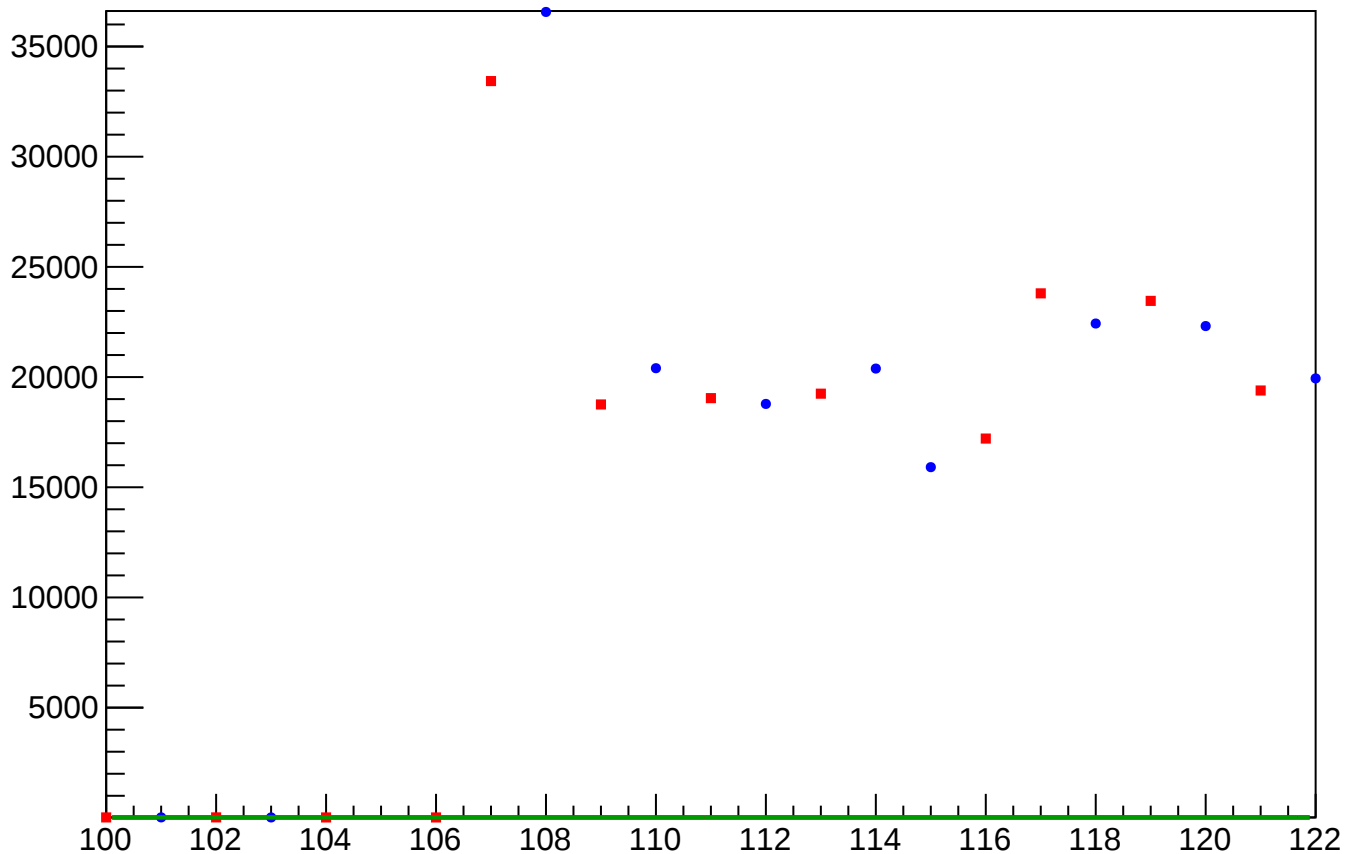
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 3.6/9

0.004+/-0.012 χ^2/NDF : 18.2/21

-0.003+/-0.016 χ^2/NDF : 14.2/11

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.598+/-0.012 χ^2 /NDF: 5398192.2/9

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

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

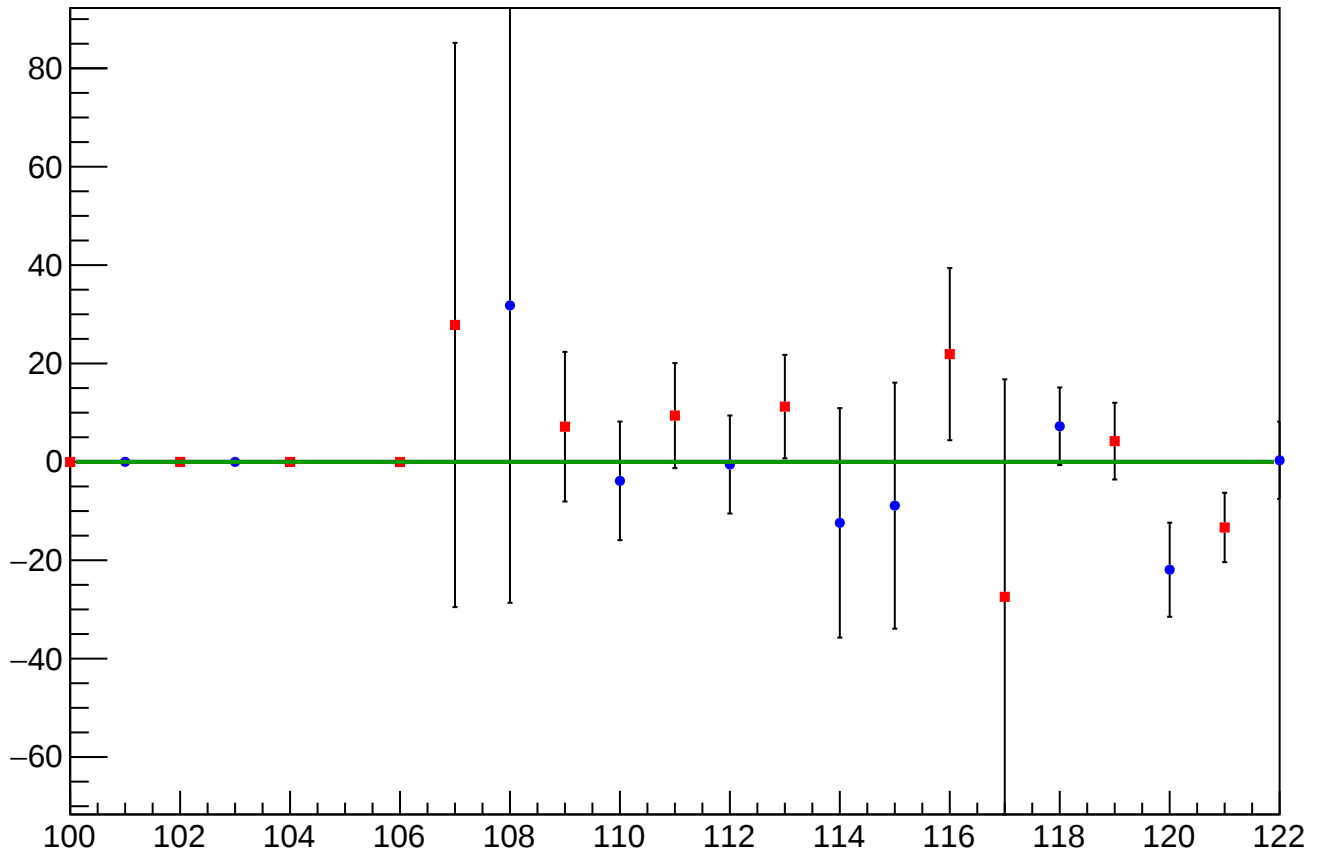
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.598+/-0.012 χ^2 /NDF: 5398192.2/9

18.425+/-0.008 χ^2 /NDF: 11027011.8/21

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 : 8.0/9

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

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

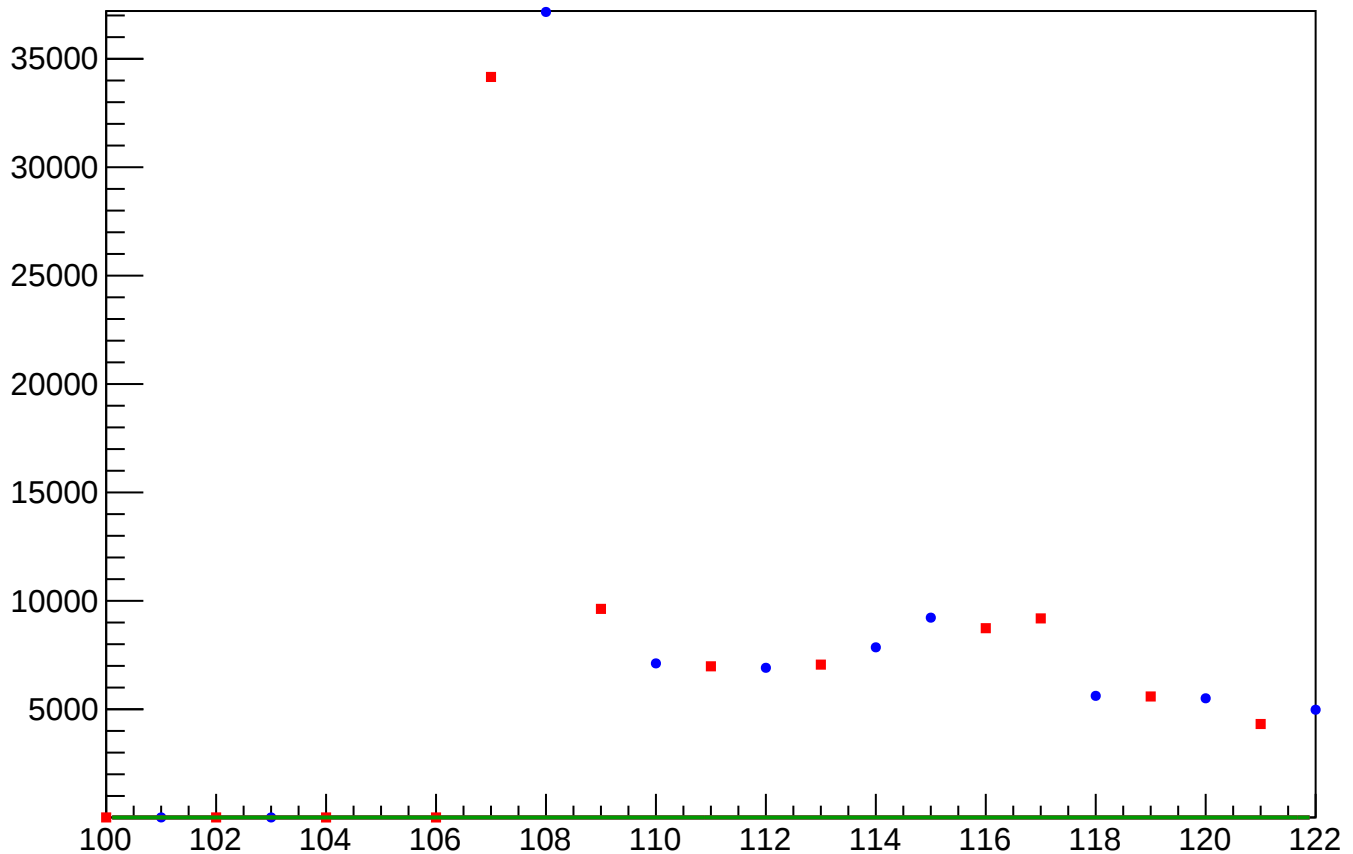
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 8.0/9

-0.007+/-0.006 χ^2/NDF : 18.3/21

-0.014+/-0.009 χ^2/NDF : 8.9/11

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.888 $\pm$ 0.007 χ^2 /NDF: 5392768.8/9

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

Right Out: 9.810 $\pm$ 0.006 χ^2 /NDF: 5629253.7/11

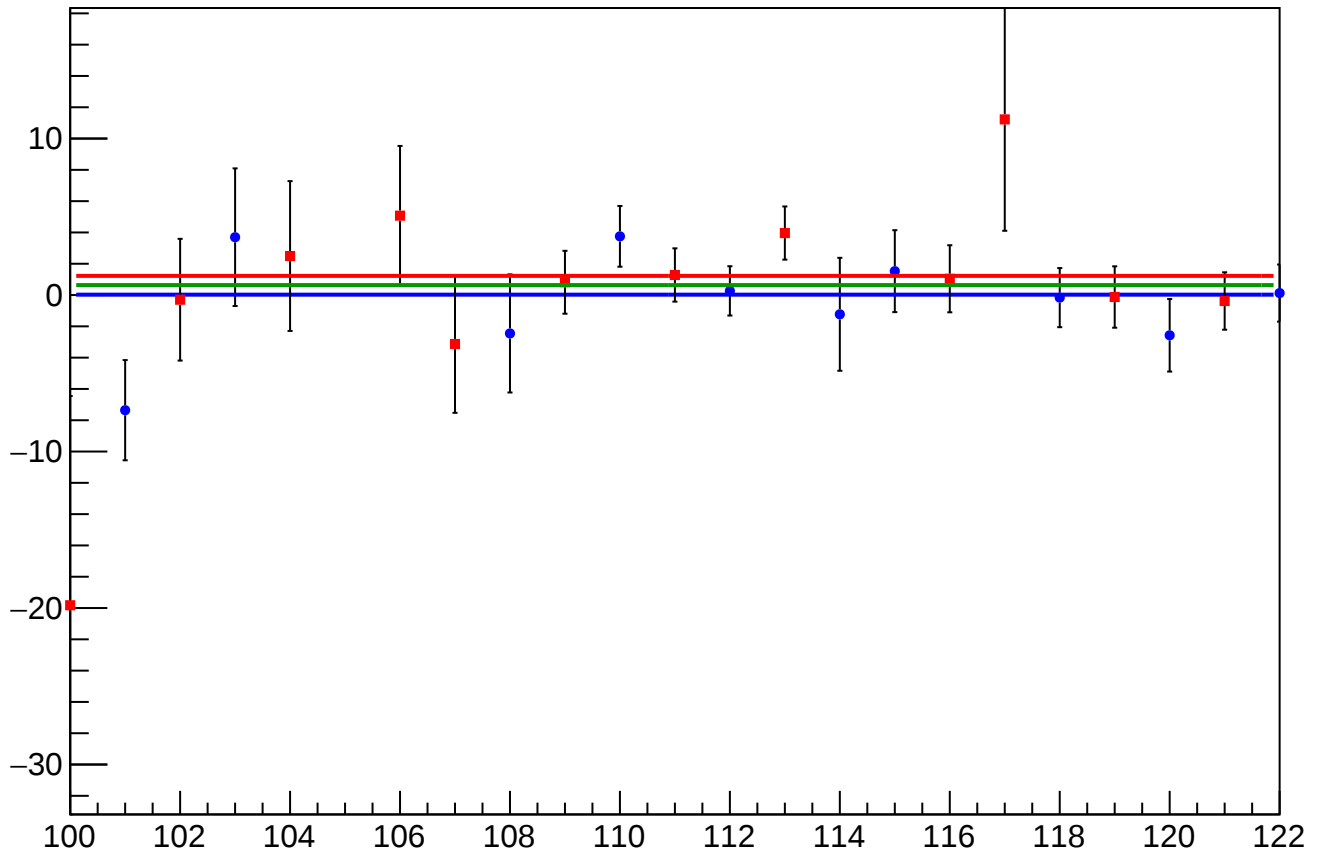
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.888 $\pm$ 0.007 χ^2 /NDF: 5392768.8/9

9.846 $\pm$ 0.004 χ^2 /NDF: 11022099.4/21

9.810 $\pm$ 0.006 χ^2 /NDF: 5629253.7/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.730 χ^2/NDF : 11.9/9

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

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

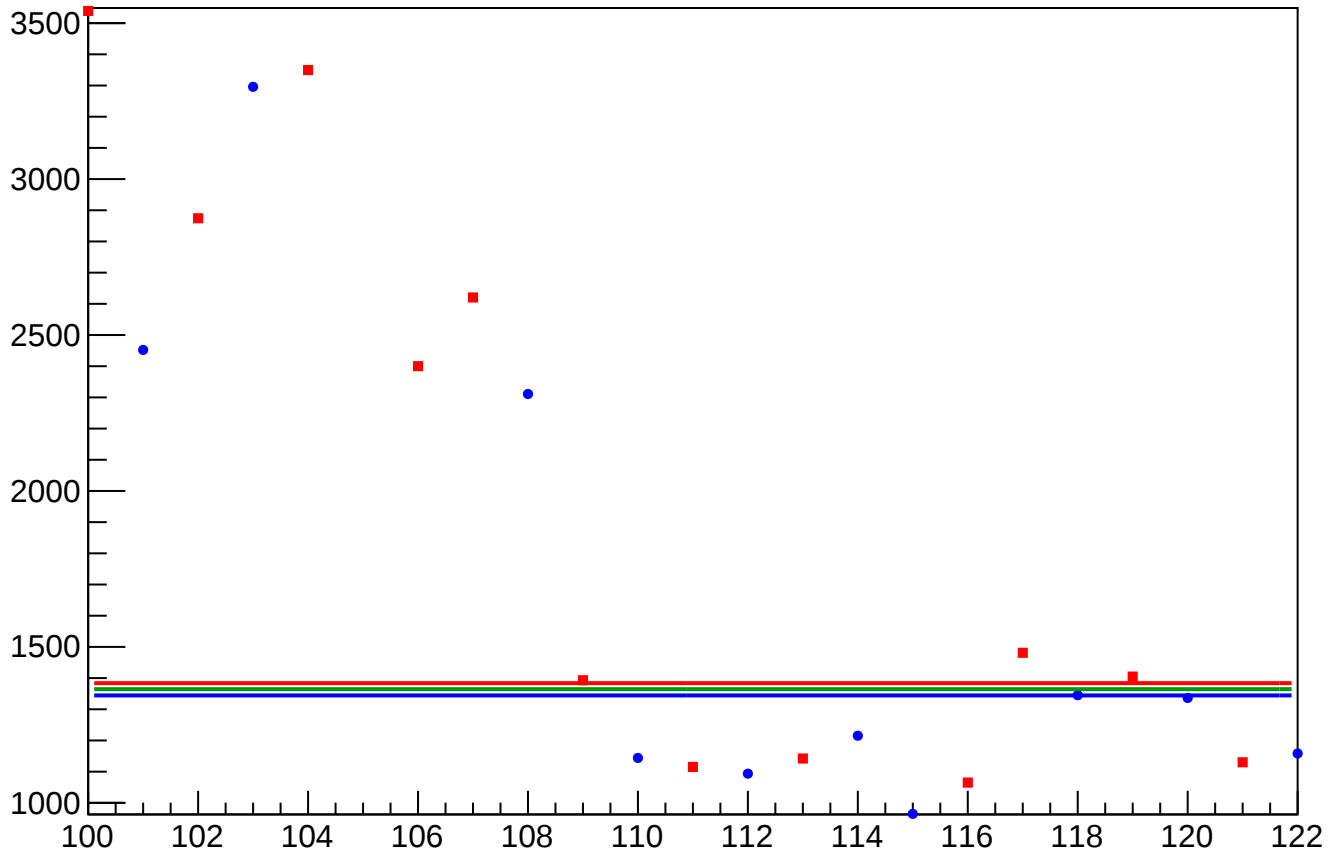
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.730 χ^2/NDF : 11.9/9

0.636+/-0.511 χ^2/NDF : 23.5/21

1.225+/-0.716 χ^2/NDF : 10.3/11

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1344.393+/-0.516 χ^2/NDF : 901894.9/9

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

Right Out: 1383.788+/-0.506 χ^2/NDF : 1118655.6/11

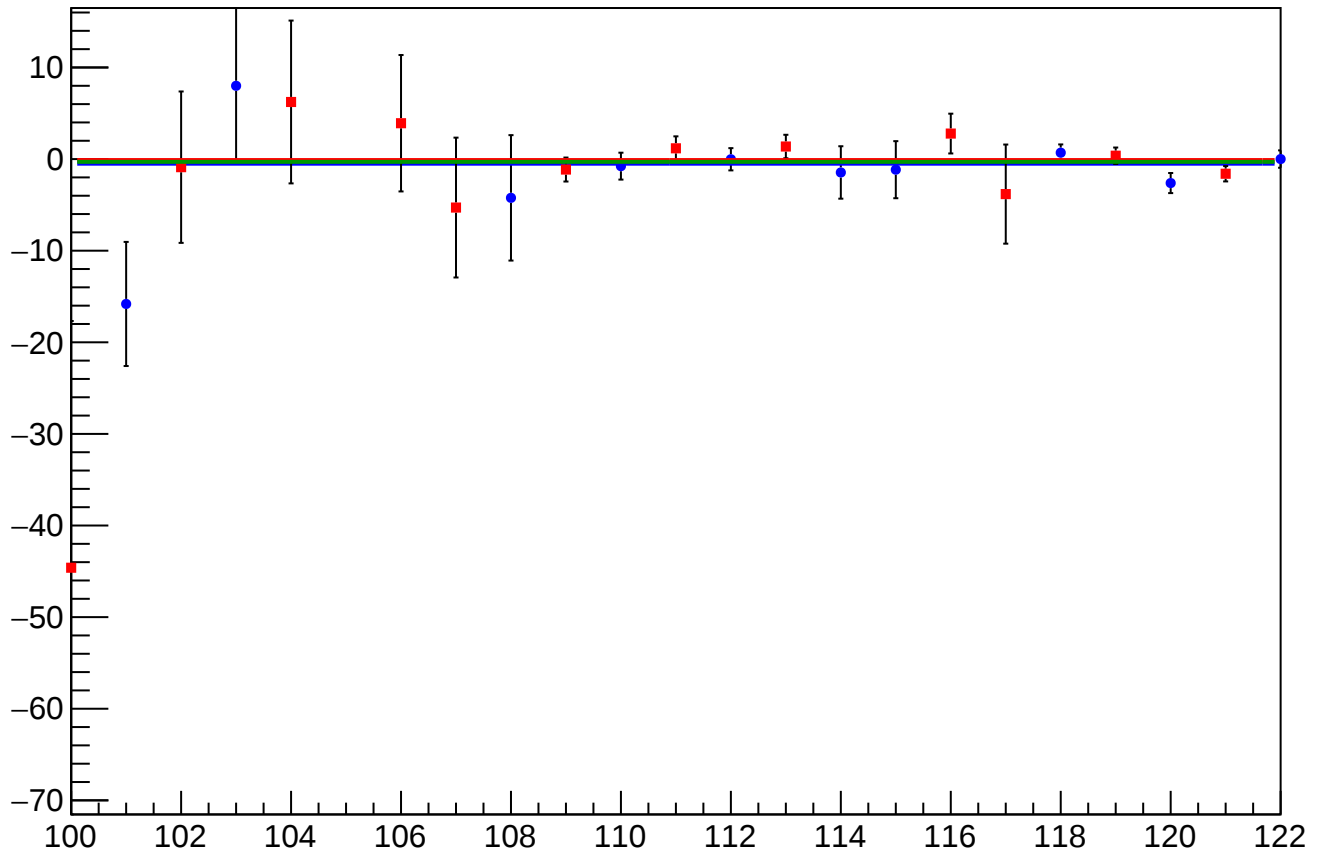
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1344.393+/-0.516 χ^2/NDF : 901894.9/9

1364.469+/-0.361 χ^2/NDF : 2023520.1/21

1383.788+/-0.506 χ^2/NDF : 1118655.6/11

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.502 ± 0.466 χ^2/NDF : 12.5/9

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

Right Out: -0.106 ± 0.458 χ^2/NDF : 12.6/11

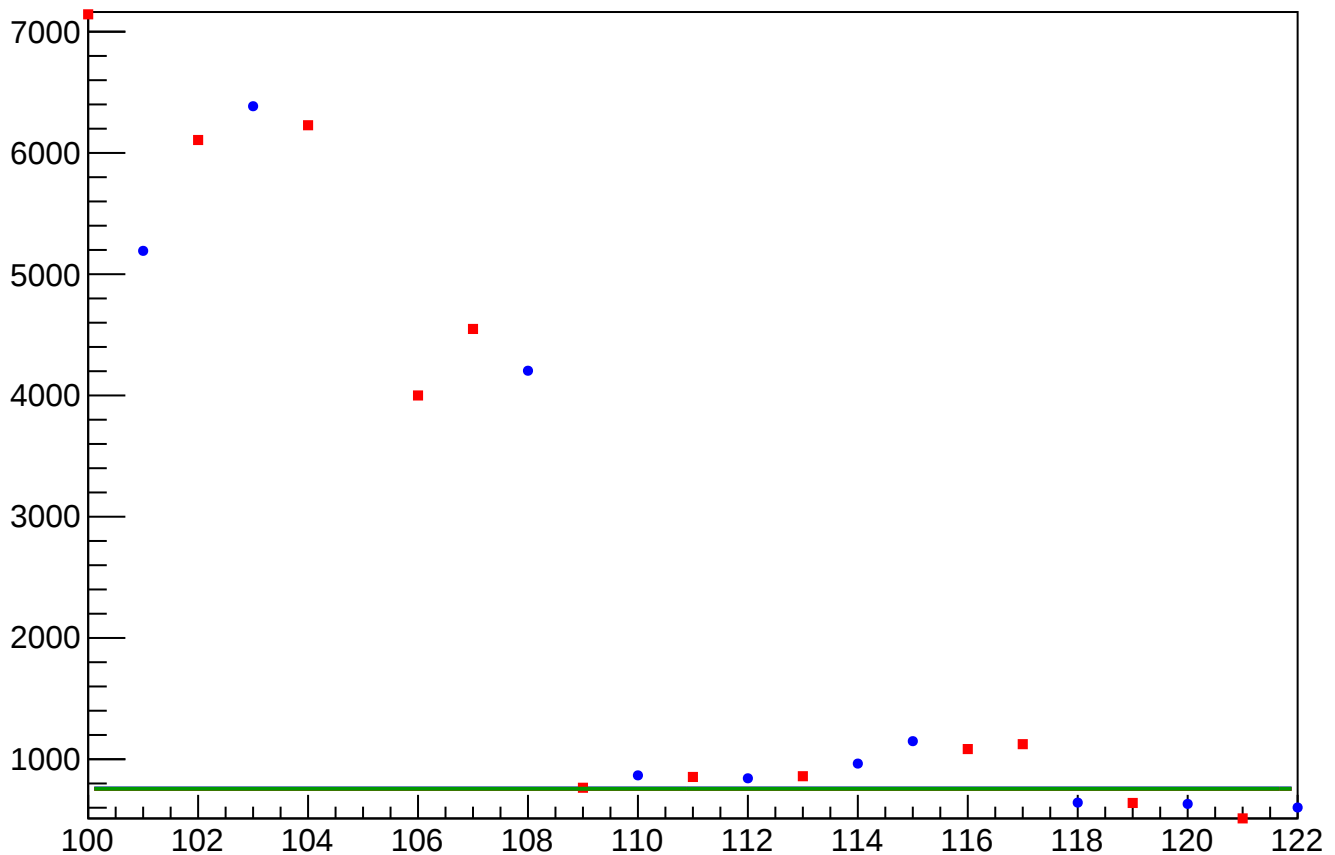
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.502 ± 0.466 χ^2/NDF : 12.5/9

-0.300 ± 0.327 χ^2/NDF : 25.5/21

-0.106 ± 0.458 χ^2/NDF : 12.6/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 758.118+/-0.330 χ^2/NDF : 2418170.9/9

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

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

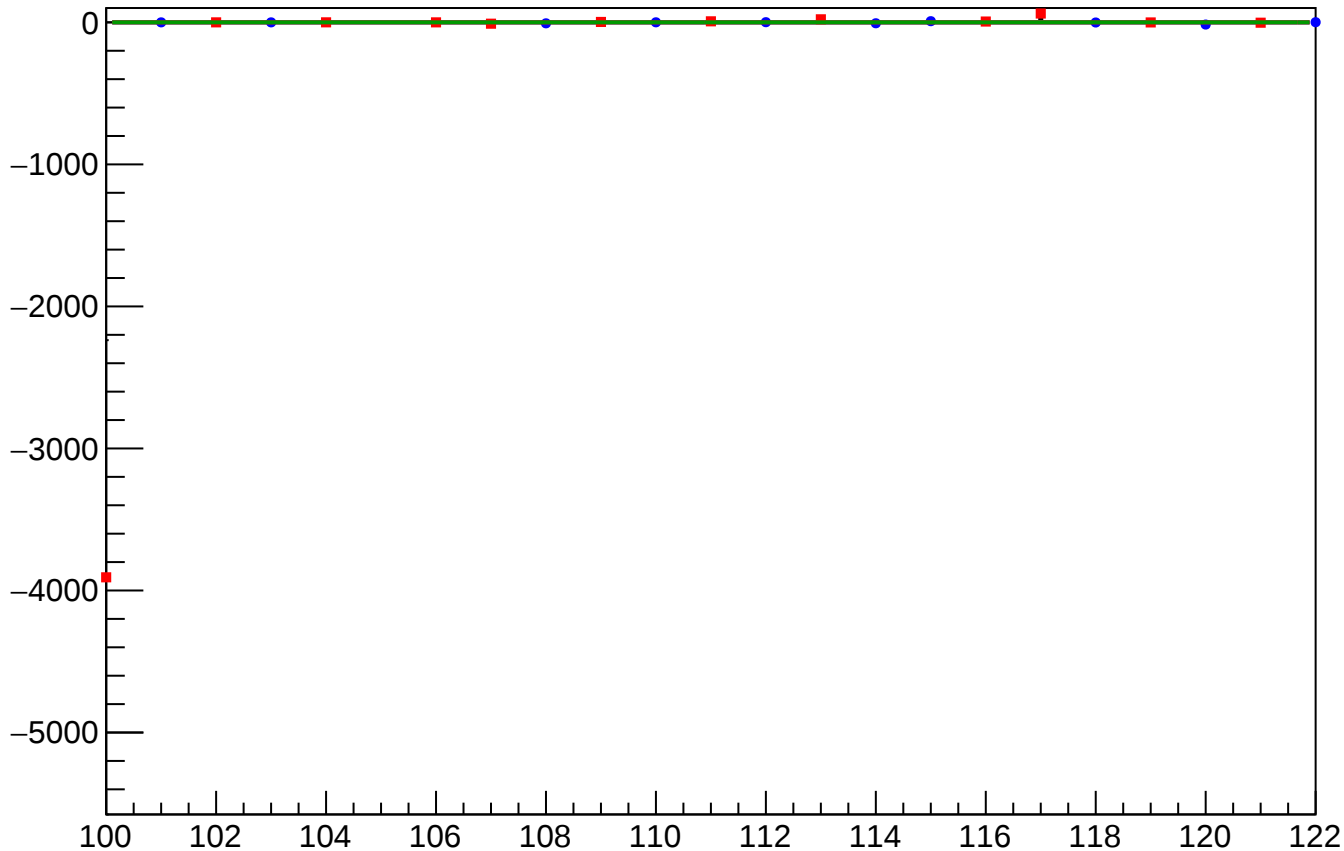
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

758.118+/-0.330 χ^2/NDF : 2418170.9/9

756.447+/-0.231 χ^2/NDF : 5283972.5/21

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 : 2.8/9

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

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

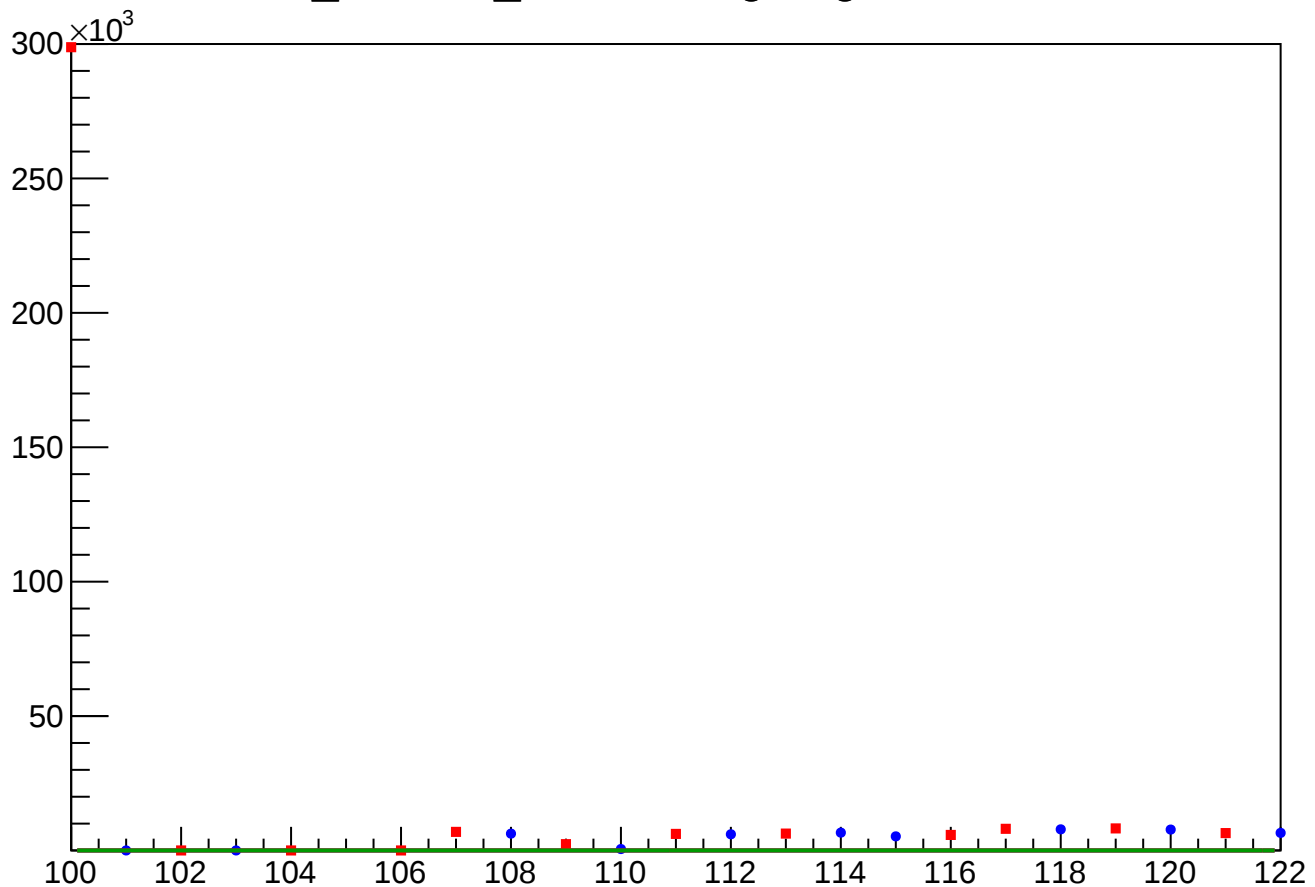
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 2.8/9

0.004+/-0.014 χ^2/NDF : 21.6/21

0.027+/-0.020 χ^2/NDF : 16.1/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.152 $\pm$ 0.015 χ^2 /NDF: 4921245.2/9

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

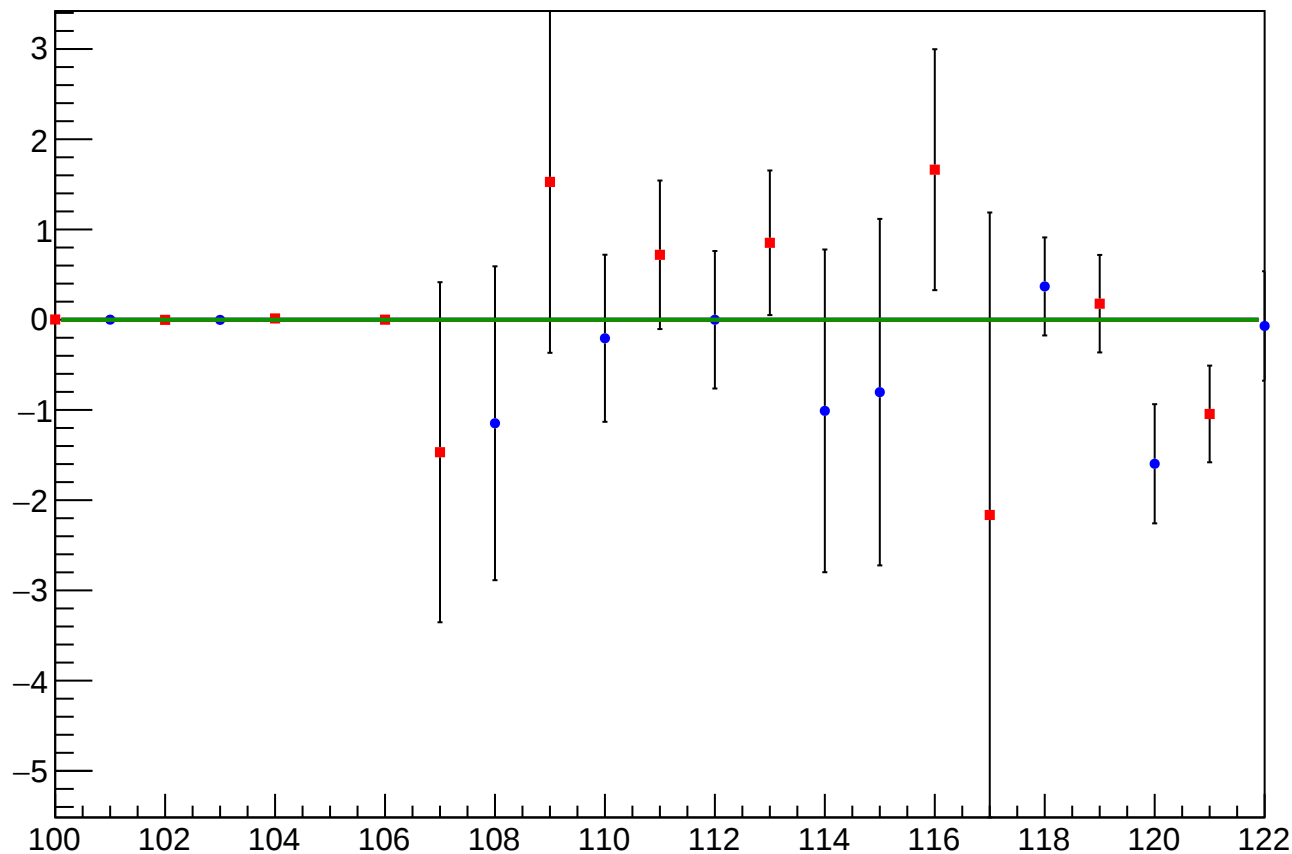
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.152 $\pm$ 0.015 χ^2 /NDF: 4921245.2/9

17.132 $\pm$ 0.010 χ^2 /NDF: 10273532.0/21

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: 7.5/9

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

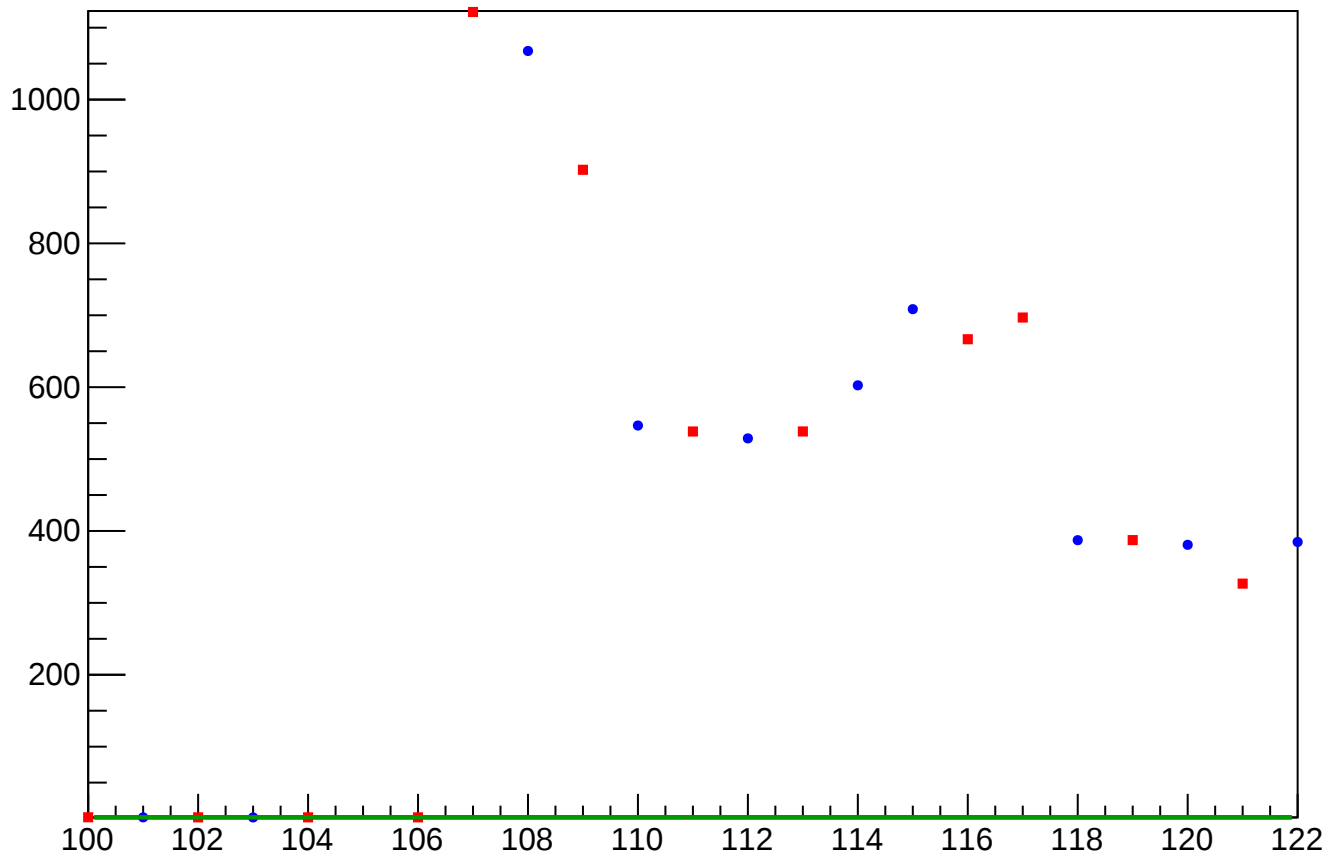
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 7.5/9

-0.000 $\pm$ 0.001 χ^2 /NDF: 17.6/21

-0.001 $\pm$ 0.002 χ^2 /NDF: 10.0/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.667+/-0.001 χ^2/NDF : 5363441.3/9

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

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

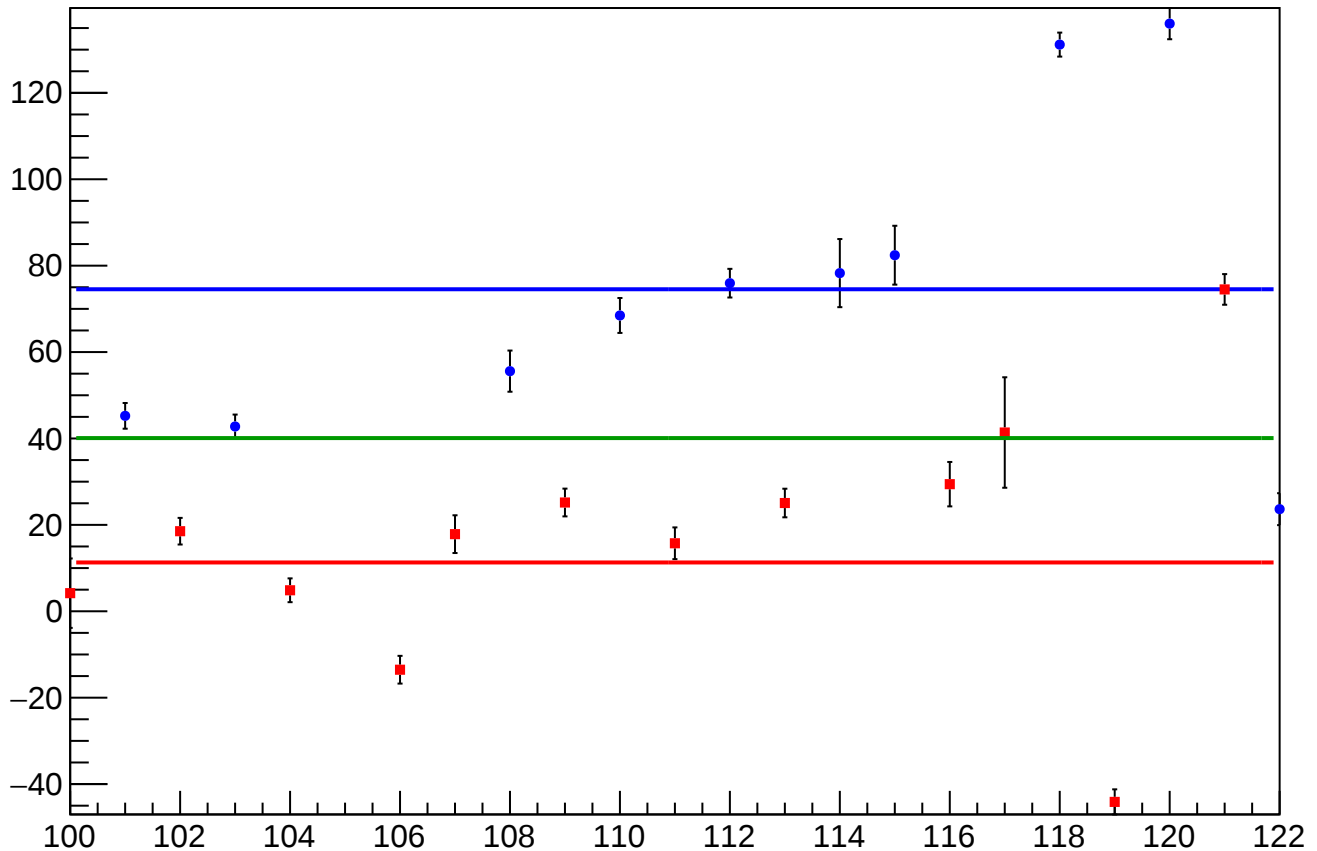
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.667+/-0.001 χ^2/NDF : 5363441.3/9

1.684+/-0.001 χ^2/NDF : 10607314.4/21

1.699+/-0.001 χ^2/NDF : 5243620.1/11

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 74.538 $\pm$ 1.149 χ^2 /NDF: 1144.2/9

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

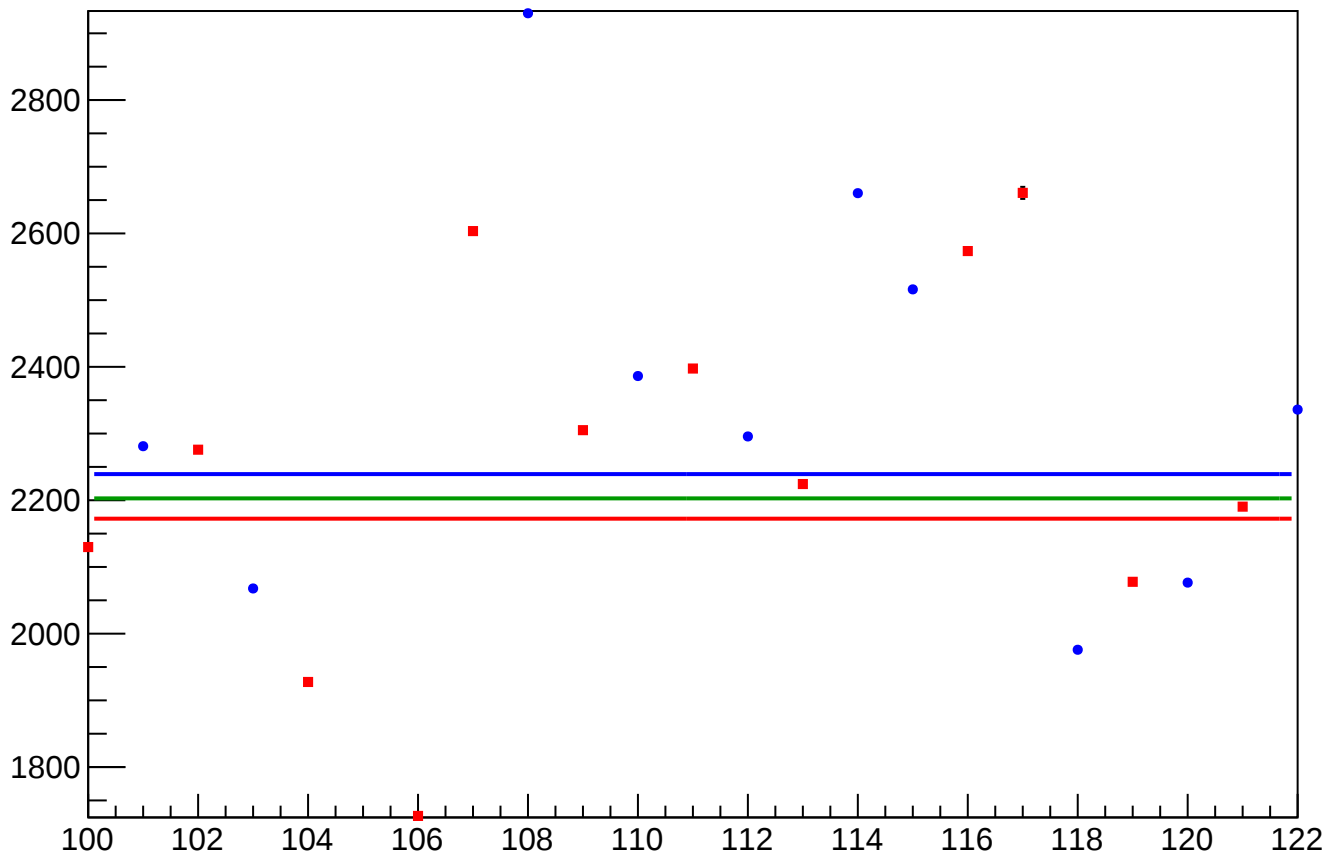
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74.538 $\pm$ 1.149 χ^2 /NDF: 1144.2/9

40.090 $\pm$ 0.775 χ^2 /NDF: 3604.4/21

11.298 $\pm$ 1.051 χ^2 /NDF: 810.4/11

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2239.208 $\pm$ 0.813 χ^2 /NDF: 85782.2/9

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

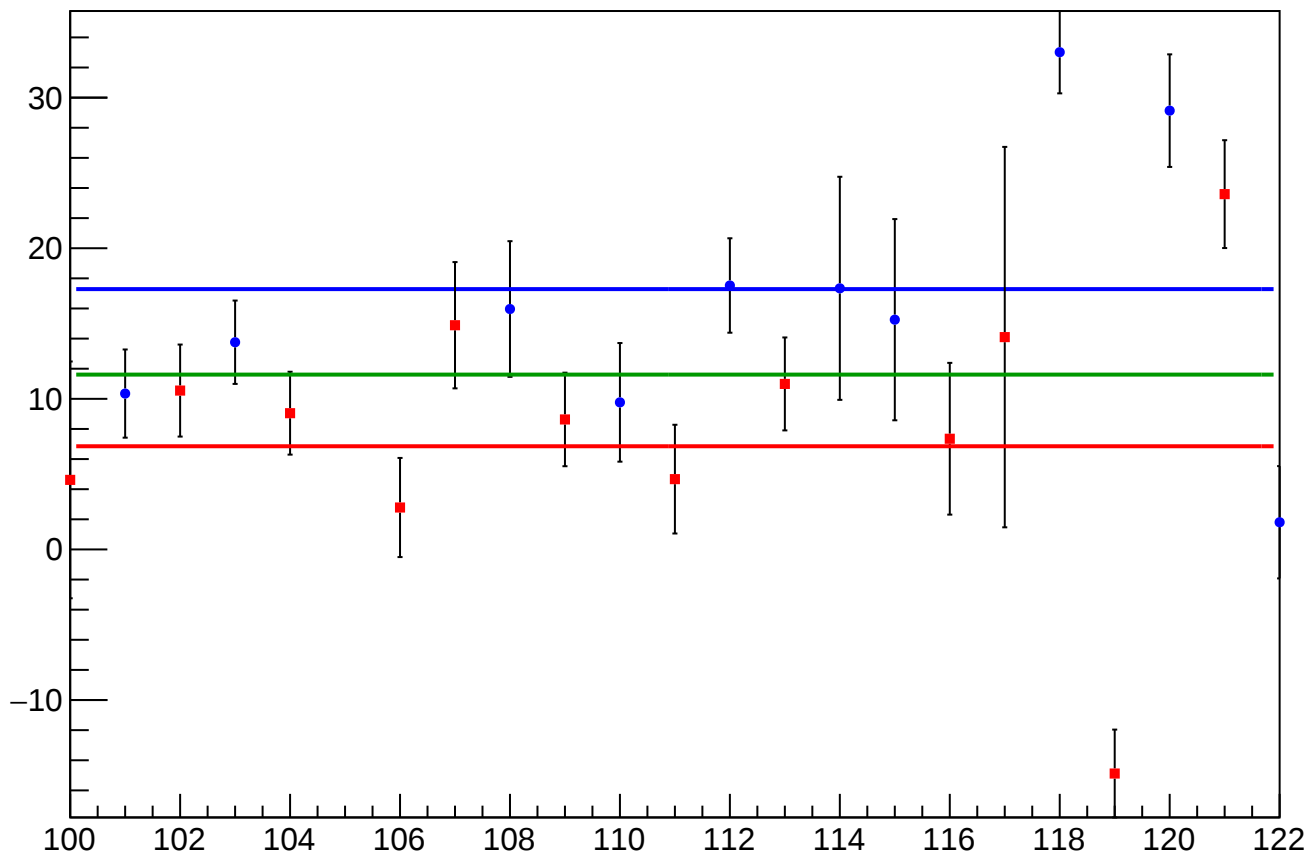
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2239.208 $\pm$ 0.813 χ^2 /NDF: 85782.2/9

2202.806 $\pm$ 0.548 χ^2 /NDF: 194296.1/21

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

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 17.286+/-1.132 χ^2/NDF : 71.5/9

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

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

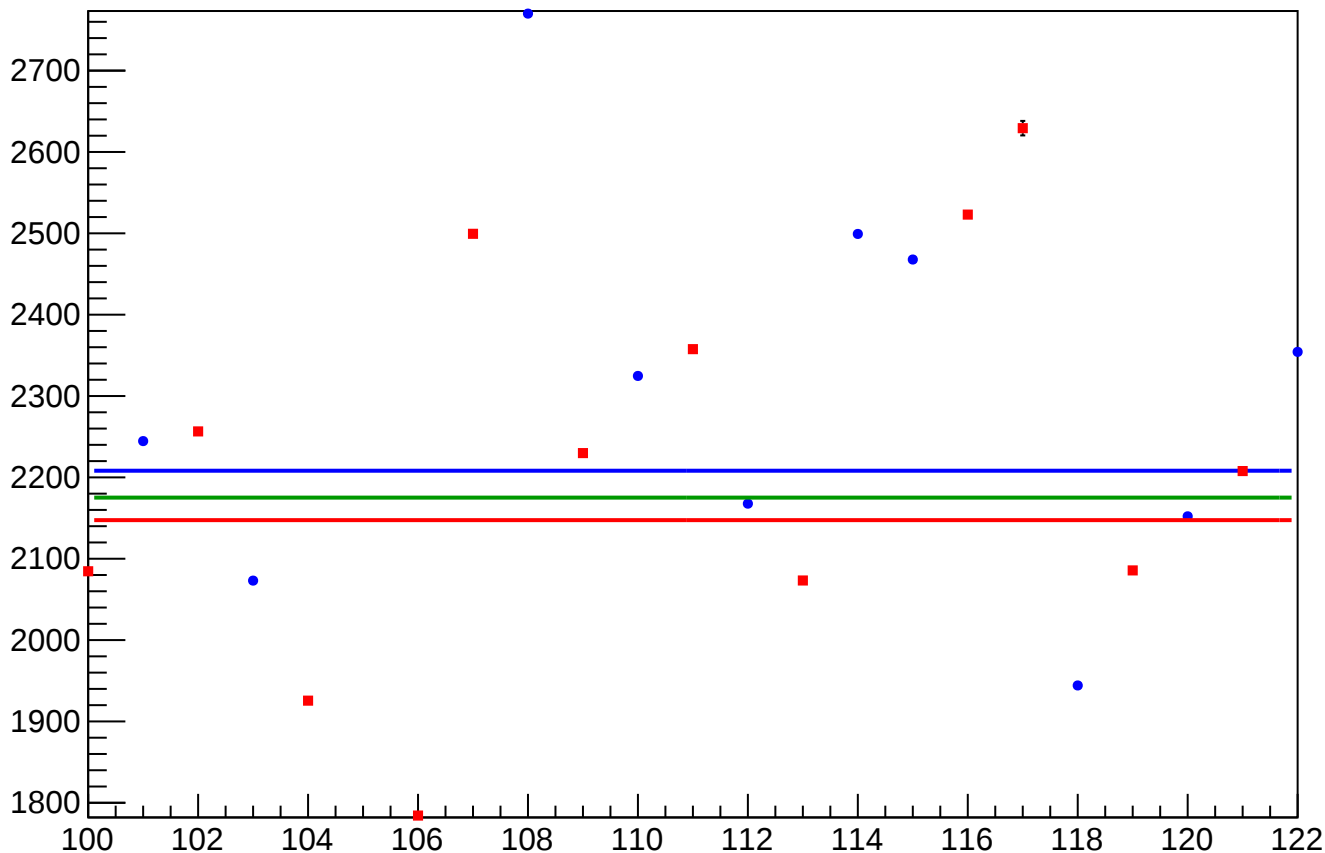
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.286+/-1.132 χ^2/NDF : 71.5/9

11.609+/-0.764 χ^2/NDF : 205.3/21

6.851+/-1.036 χ^2/NDF : 87.6/11

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2208.182 $\pm$ 0.800 χ^2 /NDF: 66549.9/9

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

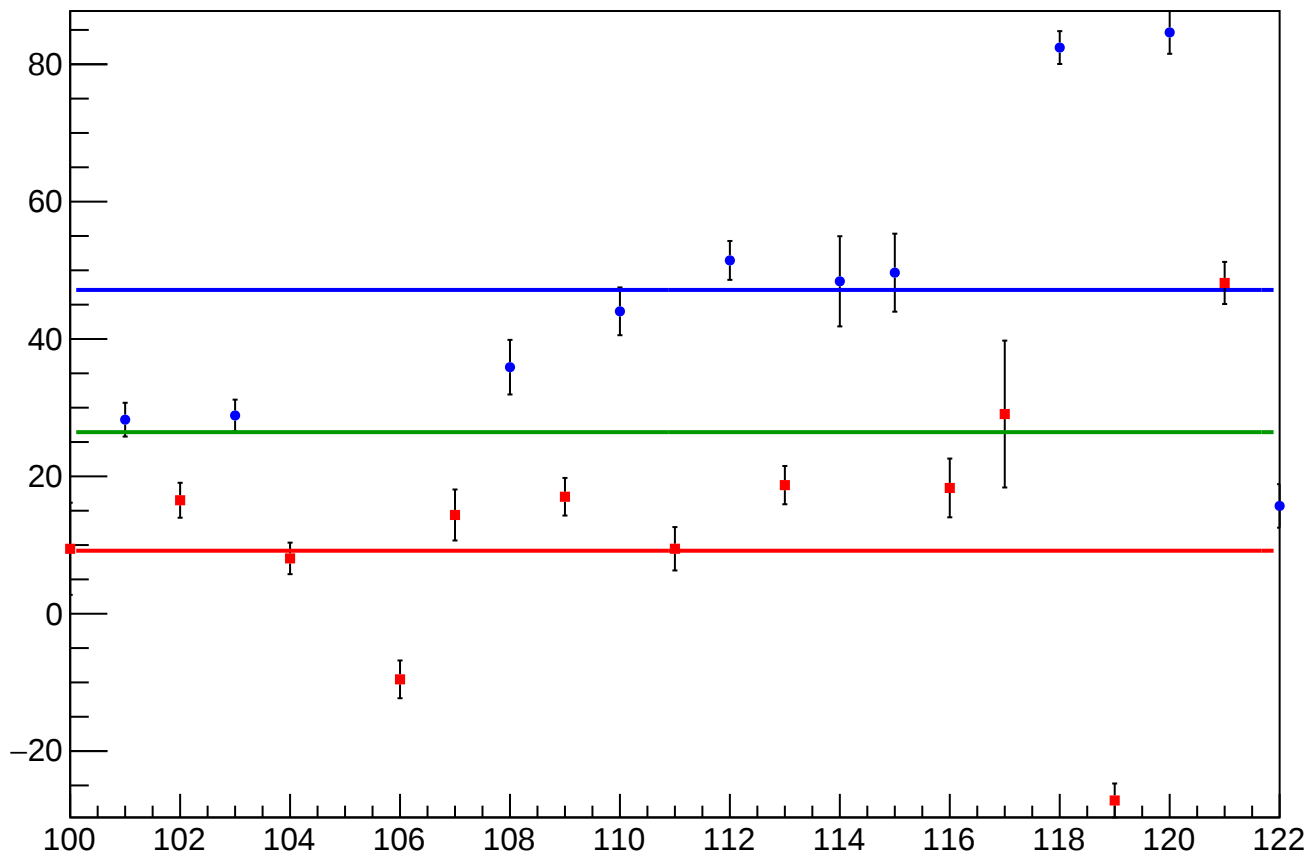
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2208.182 $\pm$ 0.800 χ^2 /NDF: 66549.9/9

2175.136 $\pm$ 0.540 χ^2 /NDF: 148644.5/21

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

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 47.144+/-0.973 χ^2/NDF : 594.3/9

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

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

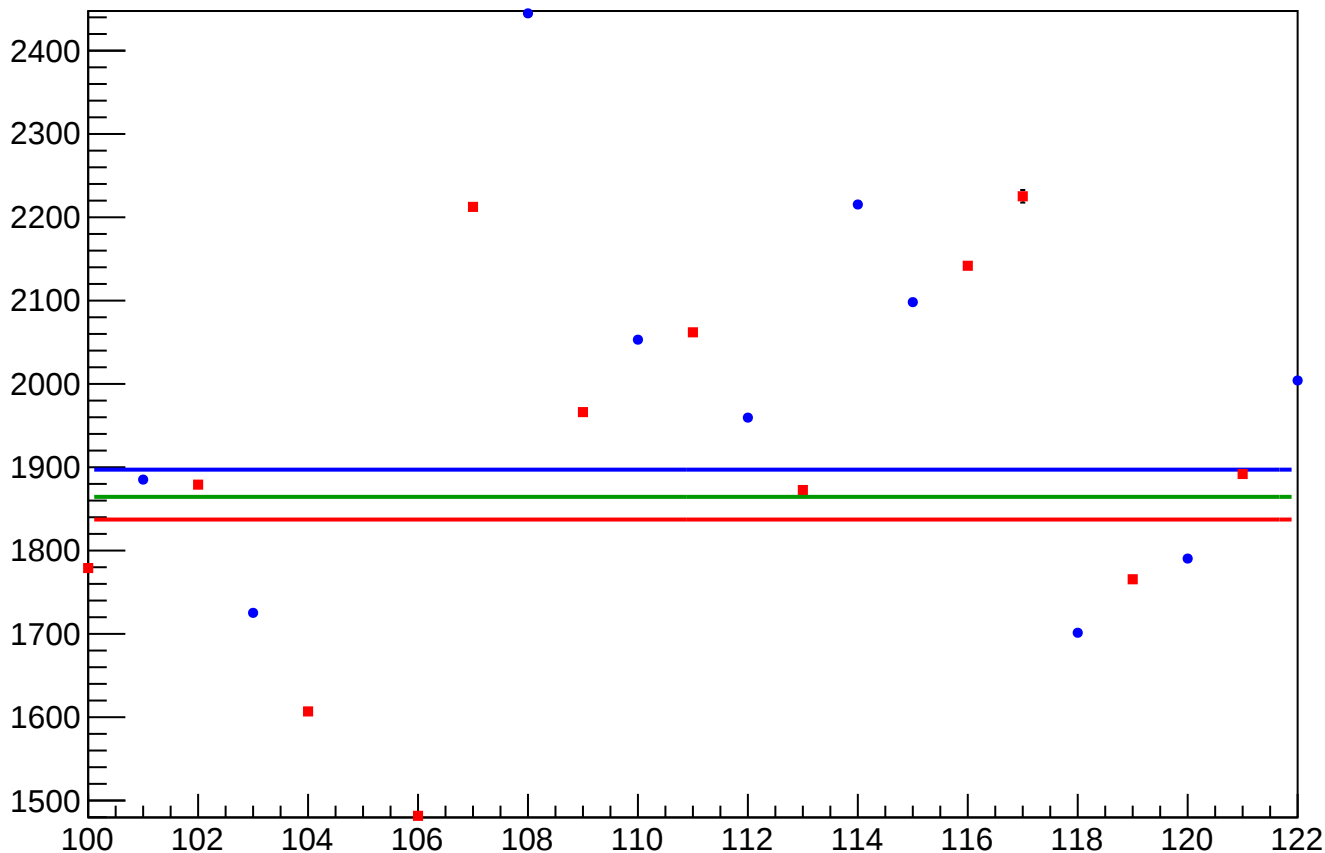
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

47.144+/-0.973 χ^2/NDF : 594.3/9

26.438+/-0.656 χ^2/NDF : 1888.0/21

9.176+/-0.888 χ^2/NDF : 463.2/11

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1897.124+/-0.688 χ^2/NDF : 79364.7/9

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

Right Out: 1837.255+/-0.628 χ^2/NDF : 104718.8/11

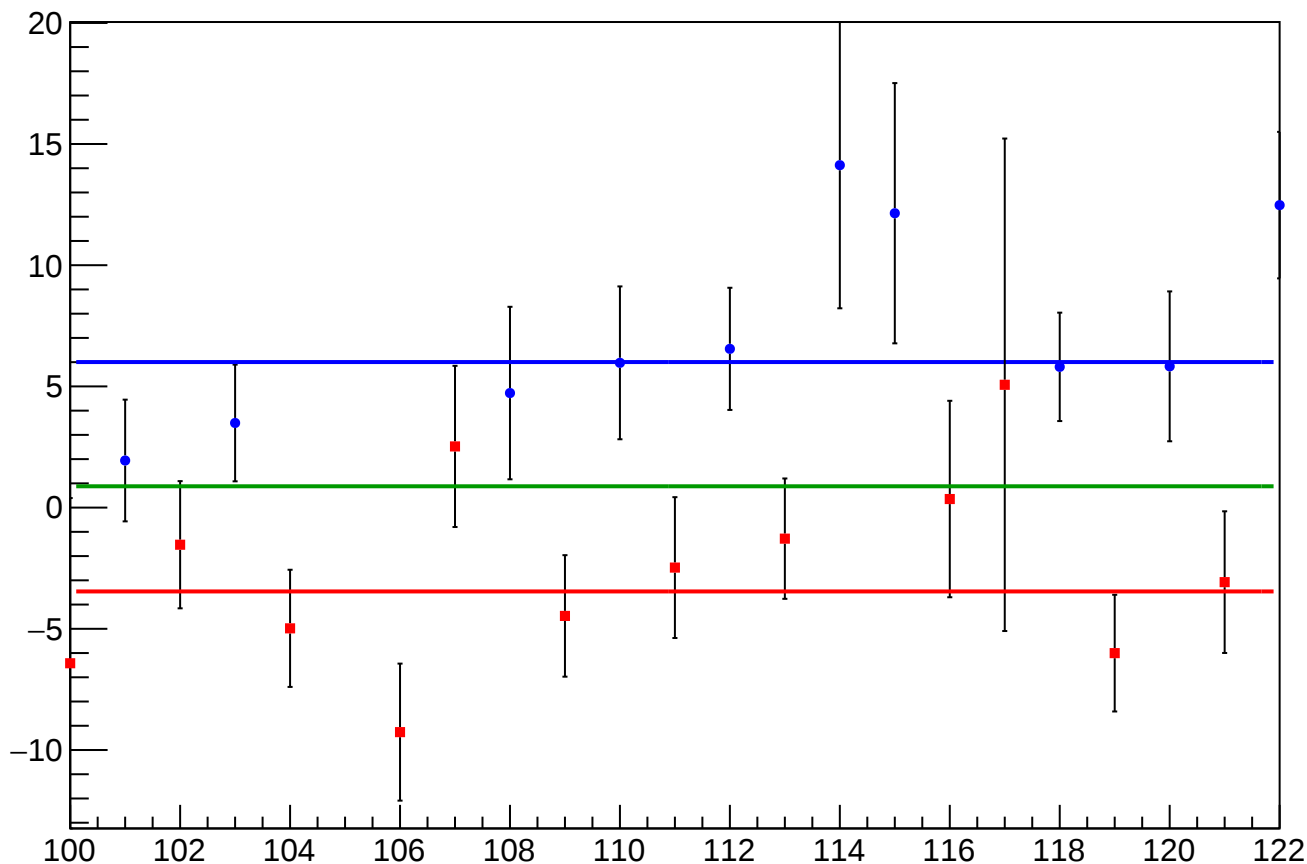
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1897.124+/-0.688 χ^2/NDF : 79364.7/9

1864.474+/-0.464 χ^2/NDF : 188213.3/21

1837.255+/-0.628 χ^2/NDF : 104718.8/11

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 6.005+/-0.934 χ^2/NDF : 11.7/9

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

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

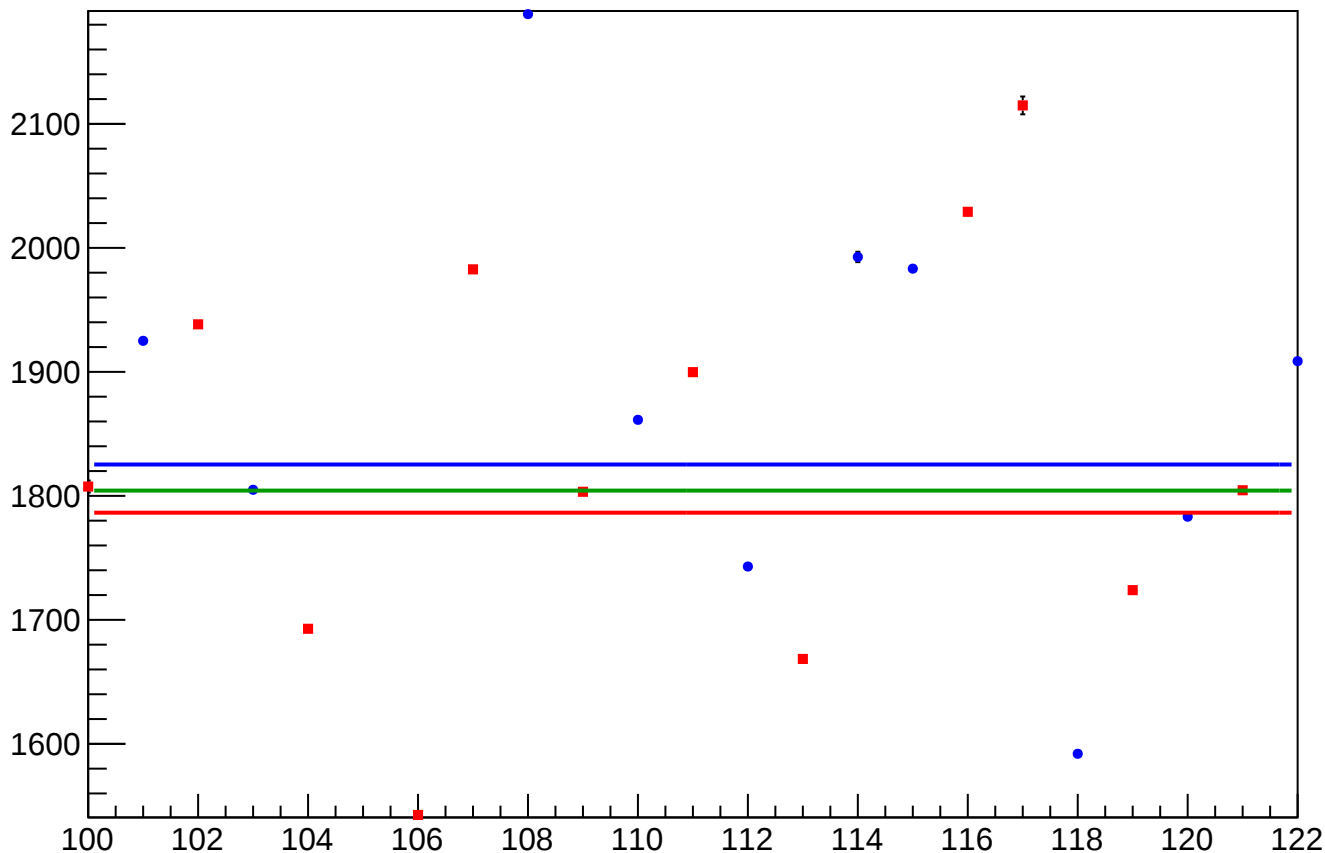
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.005+/-0.934 χ^2/NDF : 11.7/9

0.879+/-0.632 χ^2/NDF : 79.6/21

-3.459+/-0.859 χ^2/NDF : 12.4/11

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1825.305+/-0.661 χ^2/NDF : 53538.0/9

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

Right Out: 1786.436+/-0.608 χ^2/NDF : 49913.1/11

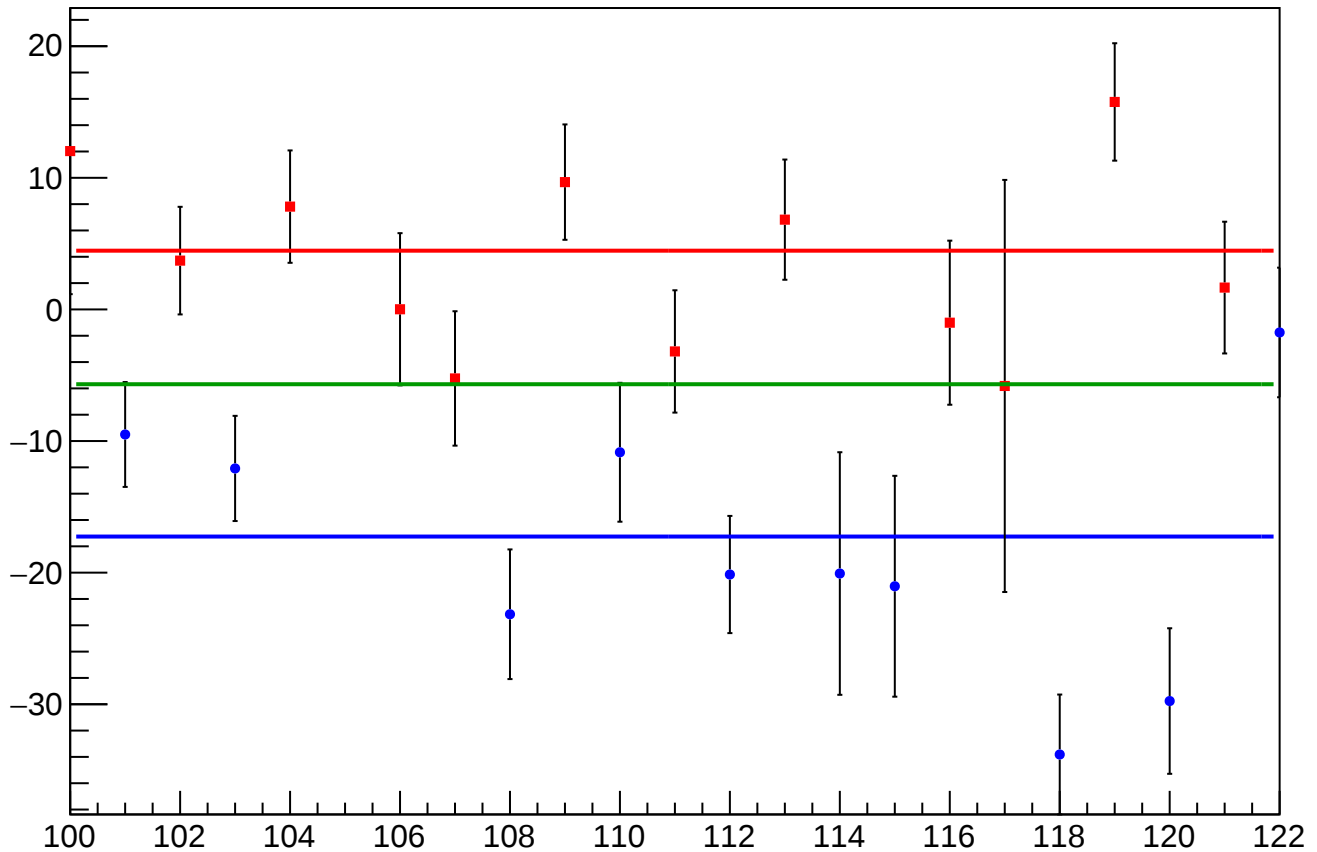
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1825.305+/-0.661 χ^2/NDF : 53538.0/9

1804.254+/-0.447 χ^2/NDF : 105326.4/21

1786.436+/-0.608 χ^2/NDF : 49913.1/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.257+/-1.579 χ^2/NDF : 37.3/9

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

Right Out: 4.464+/-1.478 χ^2/NDF : 17.7/11

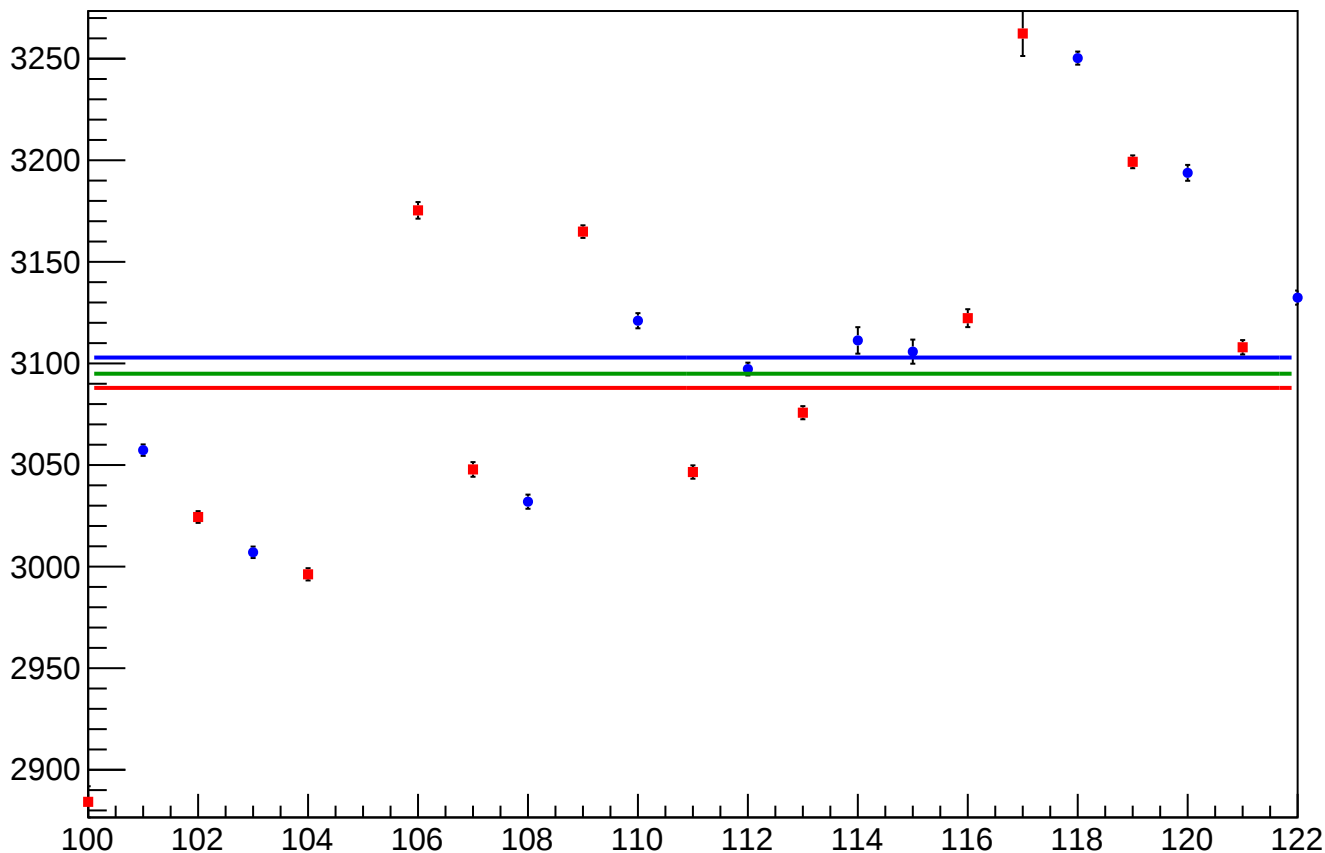
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.257+/-1.579 χ^2/NDF : 37.3/9

-5.684+/-1.079 χ^2/NDF : 155.9/21

4.464+/-1.478 χ^2/NDF : 17.7/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3102.904+/-1.116 χ^2/NDF : 4561.8/9

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

Right Out: 3087.962+/-1.045 χ^2/NDF : 5064.4/11

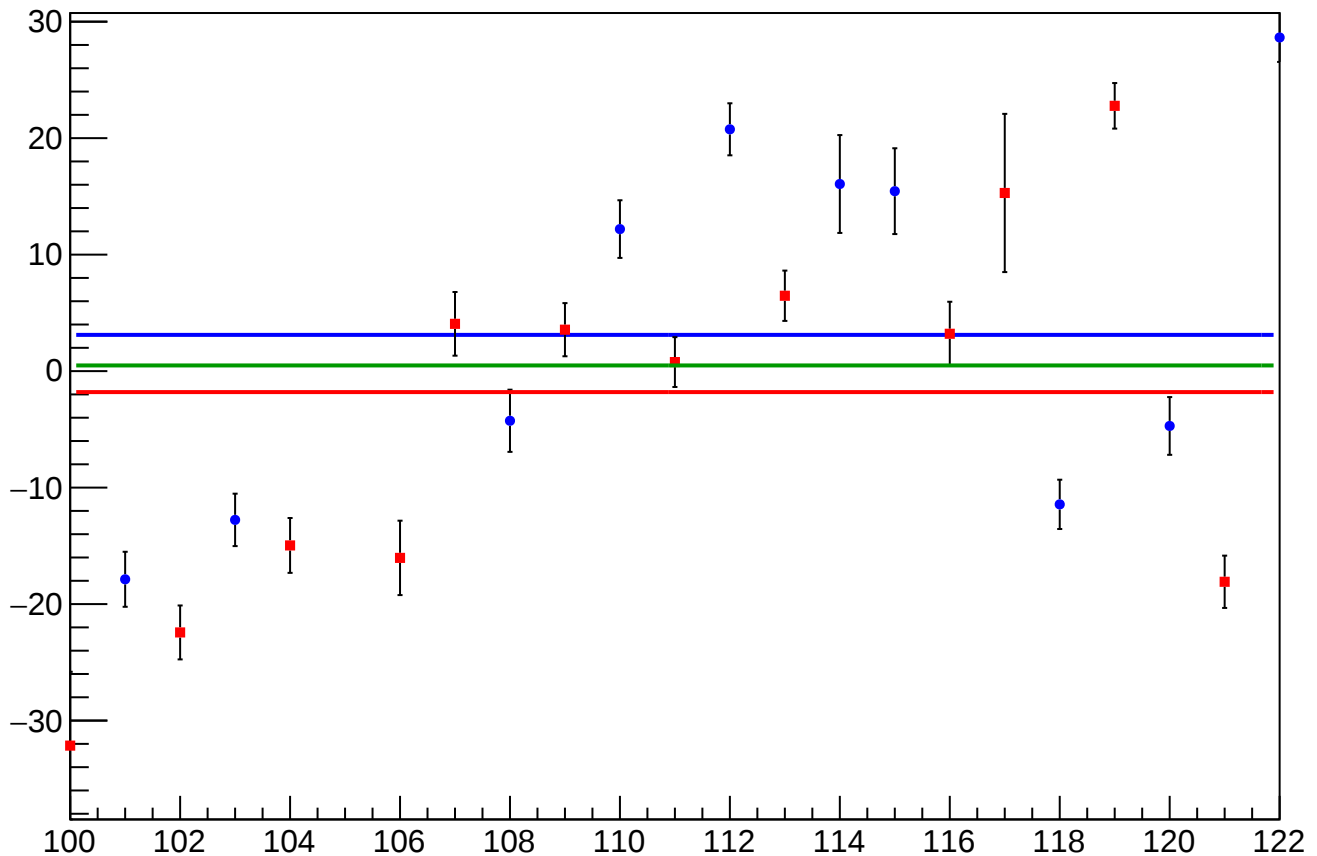
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3102.904+/-1.116 χ^2/NDF : 4561.8/9

3094.943+/-0.763 χ^2/NDF : 9721.7/21

3087.962+/-1.045 χ^2/NDF : 5064.4/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.111+/-0.785 χ^2/NDF : 438.1/9

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

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

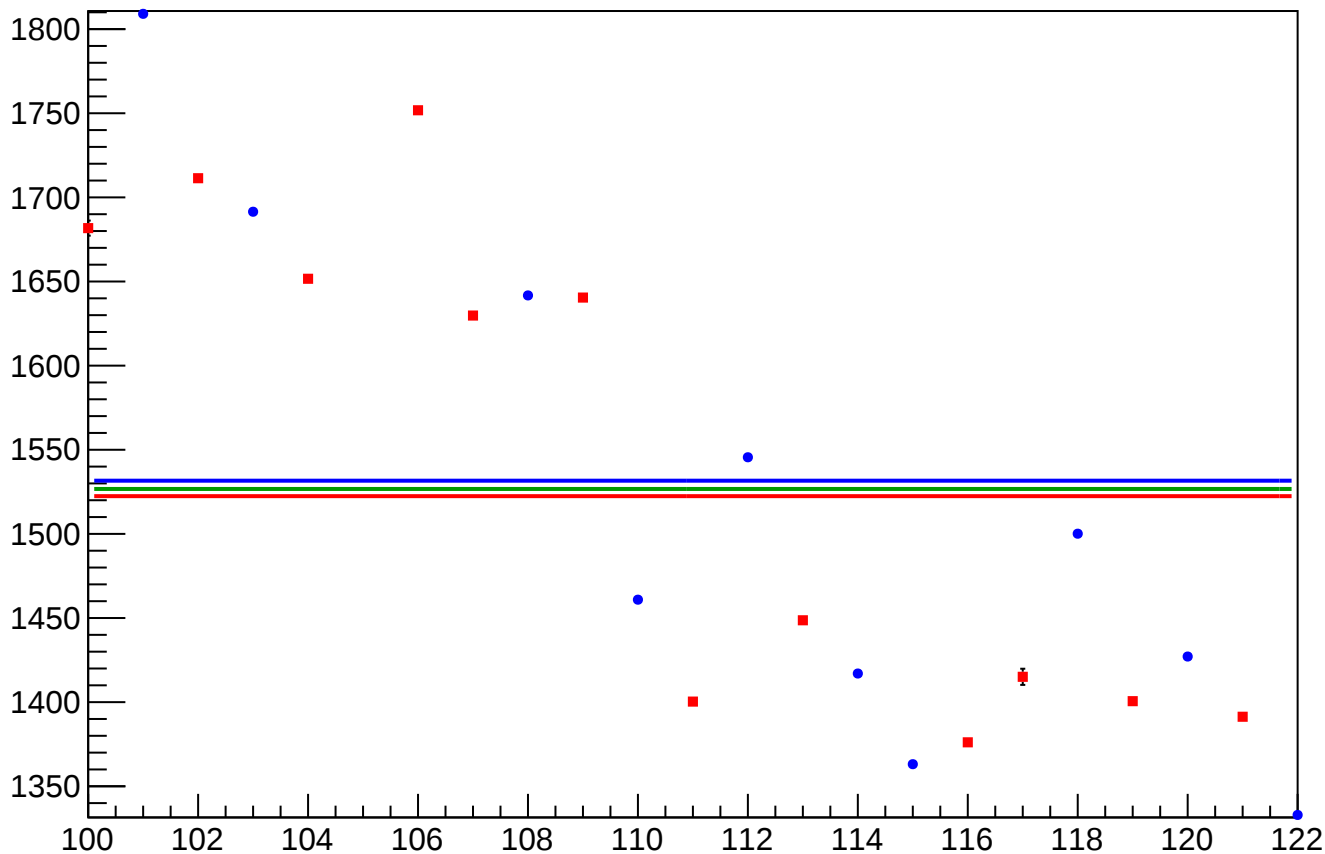
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.111+/-0.785 χ^2/NDF : 438.1/9

0.487+/-0.536 χ^2/NDF : 858.9/21

-1.800+/-0.733 χ^2/NDF : 399.8/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1531.621+/-0.555 χ^2/NDF : 70390.9/9

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

Right Out: 1522.428+/-0.518 χ^2/NDF : 68965.1/11

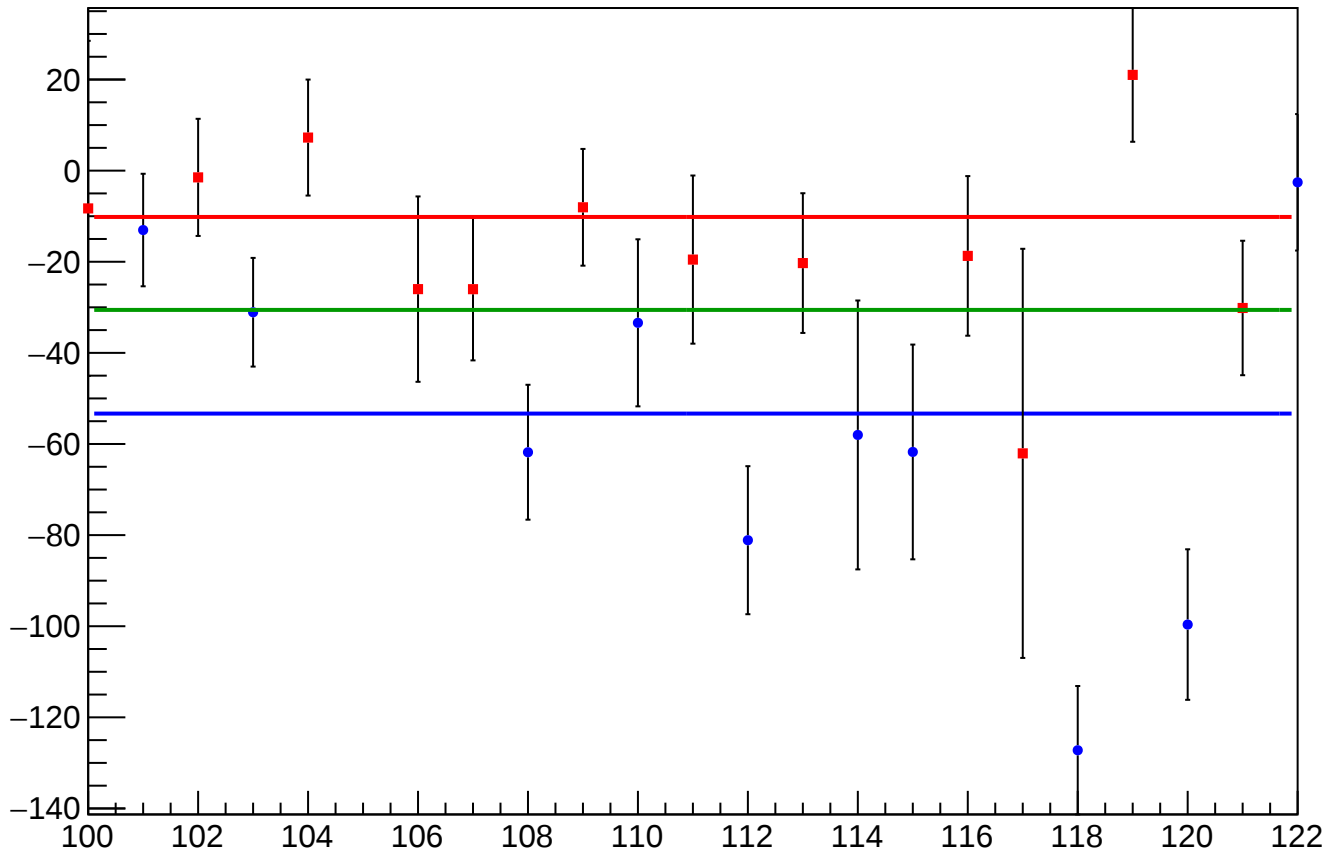
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1531.621+/-0.555 χ^2/NDF : 70390.9/9

1526.710+/-0.379 χ^2/NDF : 139502.6/21

1522.428+/-0.518 χ^2/NDF : 68965.1/11

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -53.326 $\pm$ 4.938 χ^2 /NDF: 65.5/9

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

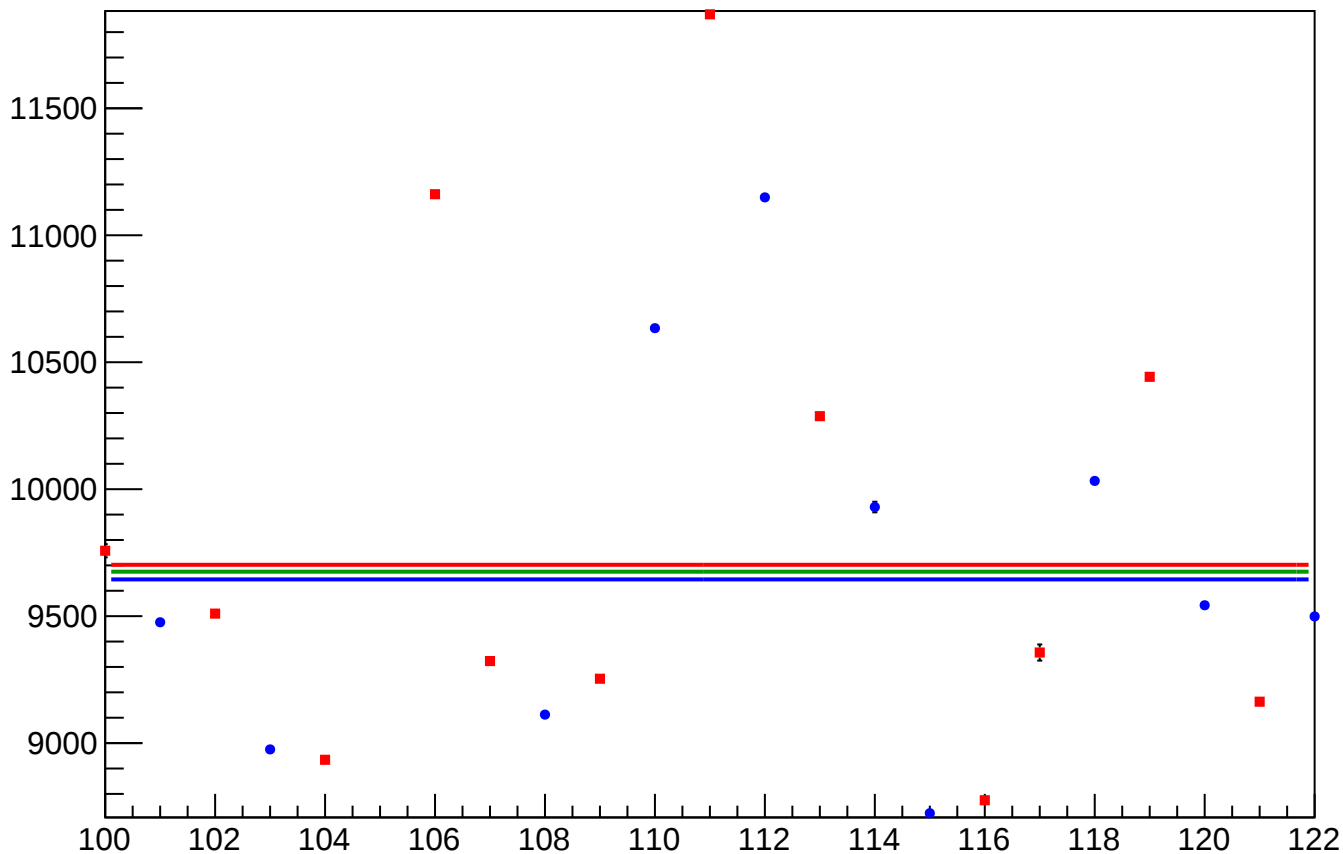
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-53.326 $\pm$ 4.938 χ^2 /NDF: 65.5/9

-30.570 $\pm$ 3.395 χ^2 /NDF: 118.4/21

-10.166 $\pm$ 4.676 χ^2 /NDF: 12.6/11

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9644.725 $\pm$ 3.492 χ^2 /NDF: 37253.2/9

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

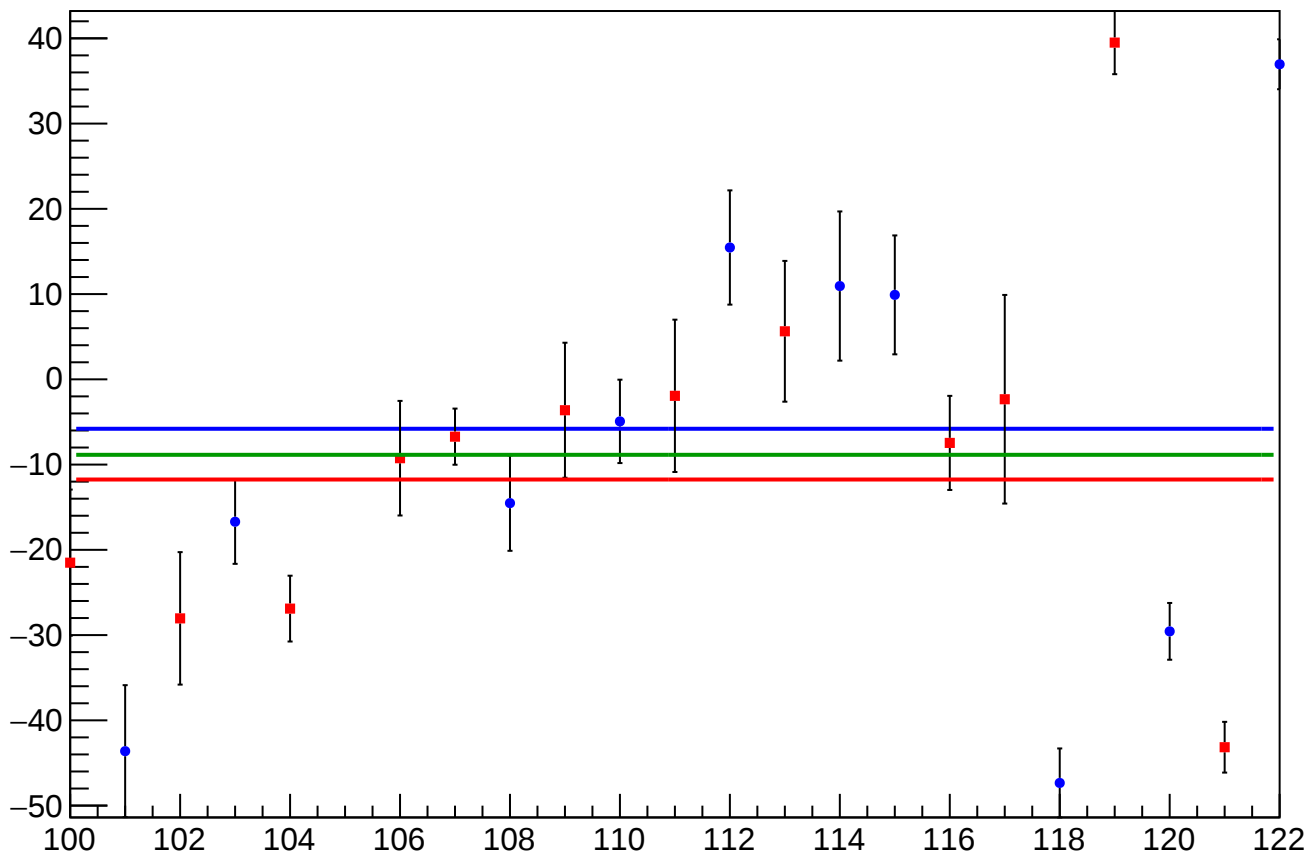
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9644.725 $\pm$ 3.492 χ^2 /NDF: 37253.2/9

9675.079 $\pm$ 2.401 χ^2 /NDF: 103033.2/21

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

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -5.799+/-1.482 χ^2 /NDF: 419.4/9

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

Right Out: -11.751+/-1.443 χ^2 /NDF: 334.1/11

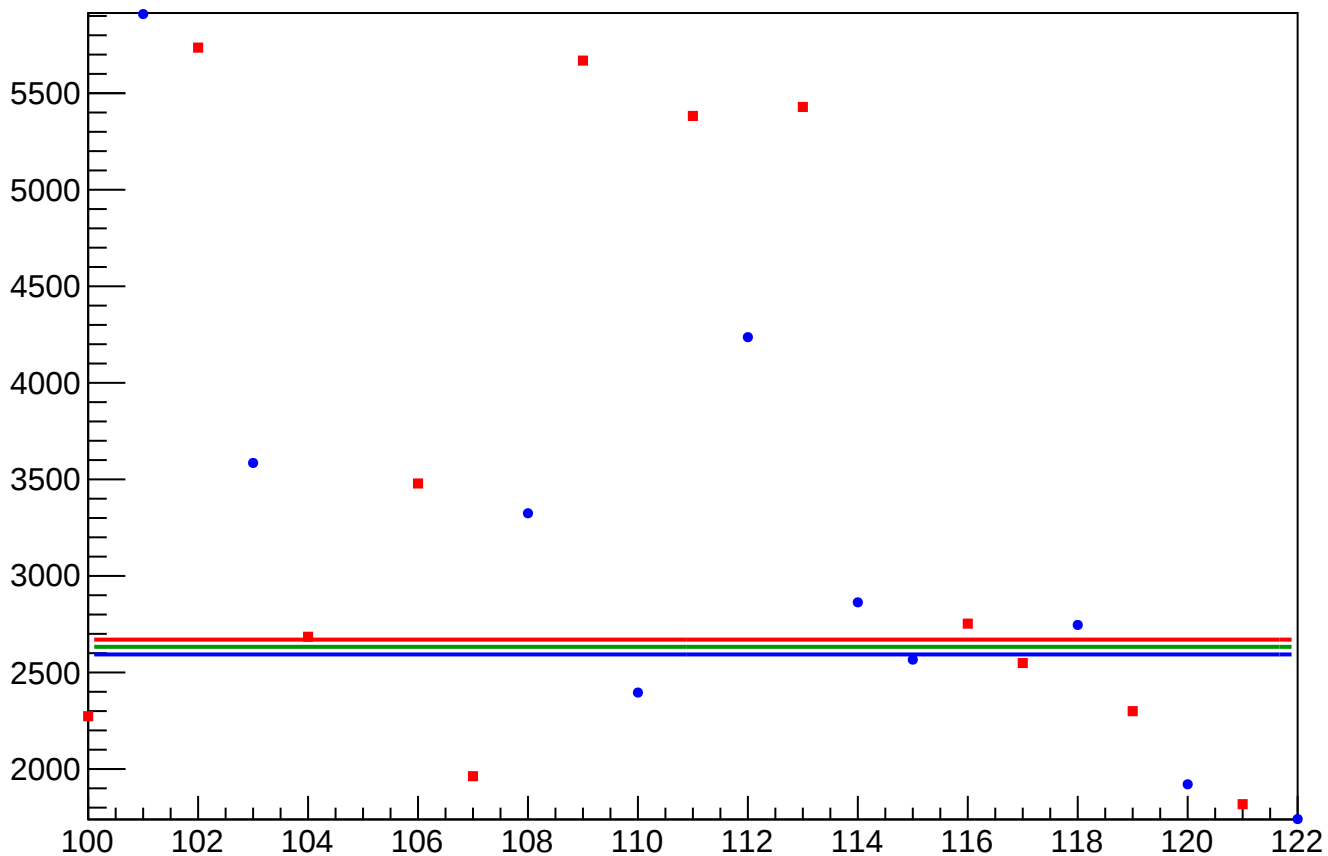
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5.799+/-1.482 χ^2 /NDF: 419.4/9

-8.854+/-1.034 χ^2 /NDF: 761.8/21

-11.751+/-1.443 χ^2 /NDF: 334.1/11

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2593.406 $\pm$ 1.048 χ^2/NDF : 861288.0/9

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

Right Out: 2670.222 $\pm$ 1.021 χ^2/NDF : 1315984.4/11

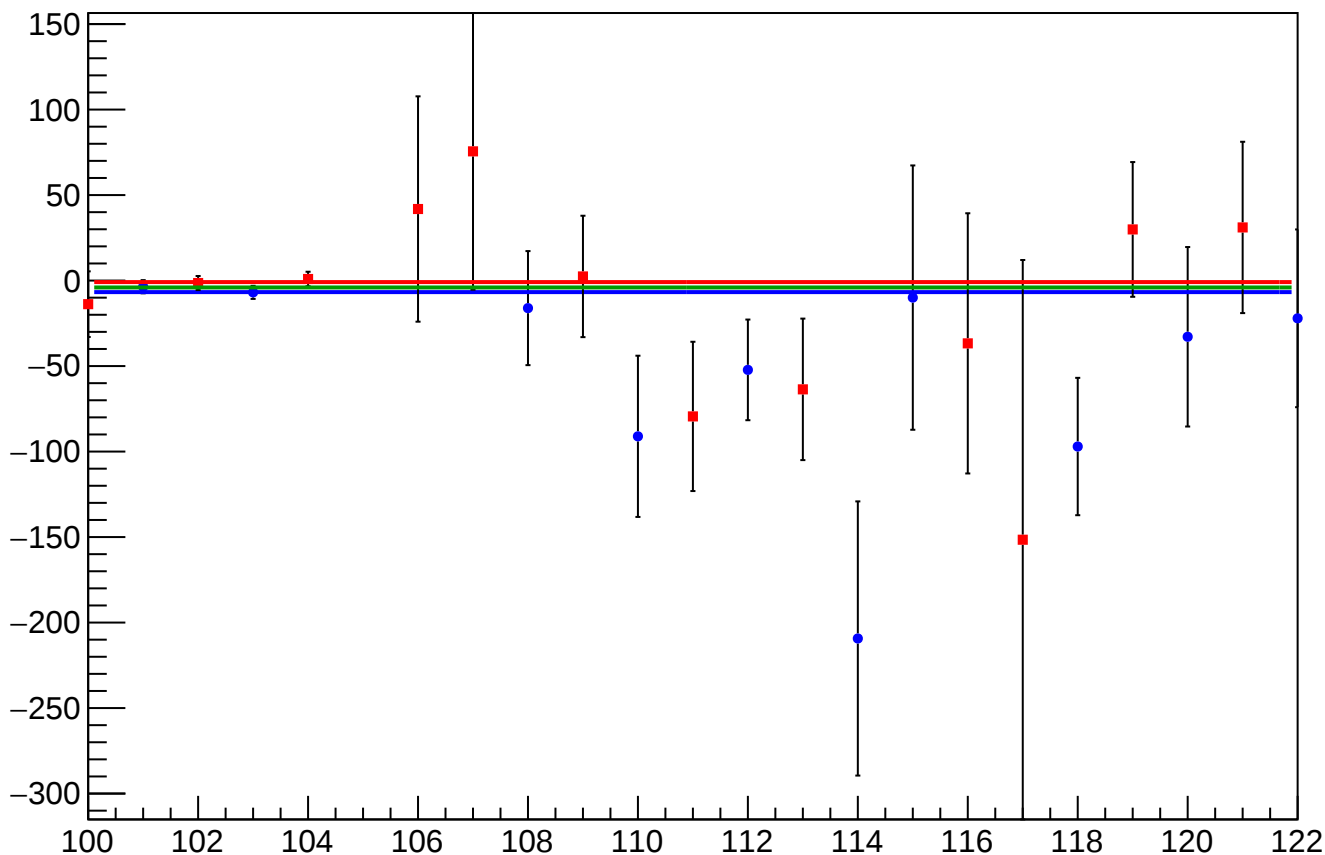
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2593.406 $\pm$ 1.048 χ^2/NDF : 861288.0/9

2632.836 $\pm$ 0.731 χ^2/NDF : 2180029.7/21

2670.222 $\pm$ 1.021 χ^2/NDF : 1315984.4/11

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.750+/-2.674 χ^2 /NDF: 18.1/9

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

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

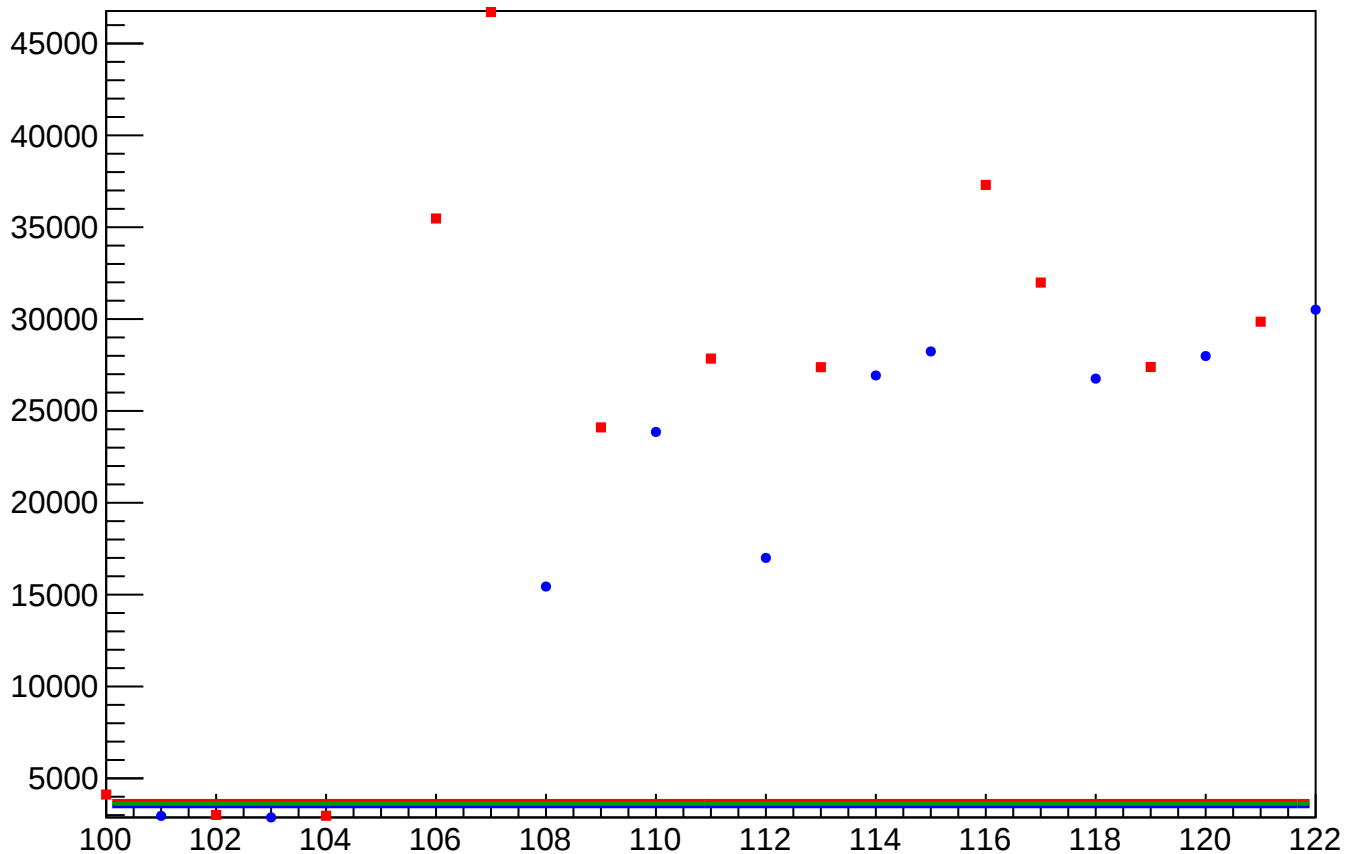
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.750+/-2.674 χ^2 /NDF: 18.1/9

-4.031+/-1.958 χ^2 /NDF: 29.9/21

-0.887+/-2.875 χ^2 /NDF: 9.6/11

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3480.850 ± 1.891 χ^2/NDF : 3164966.9/9

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

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

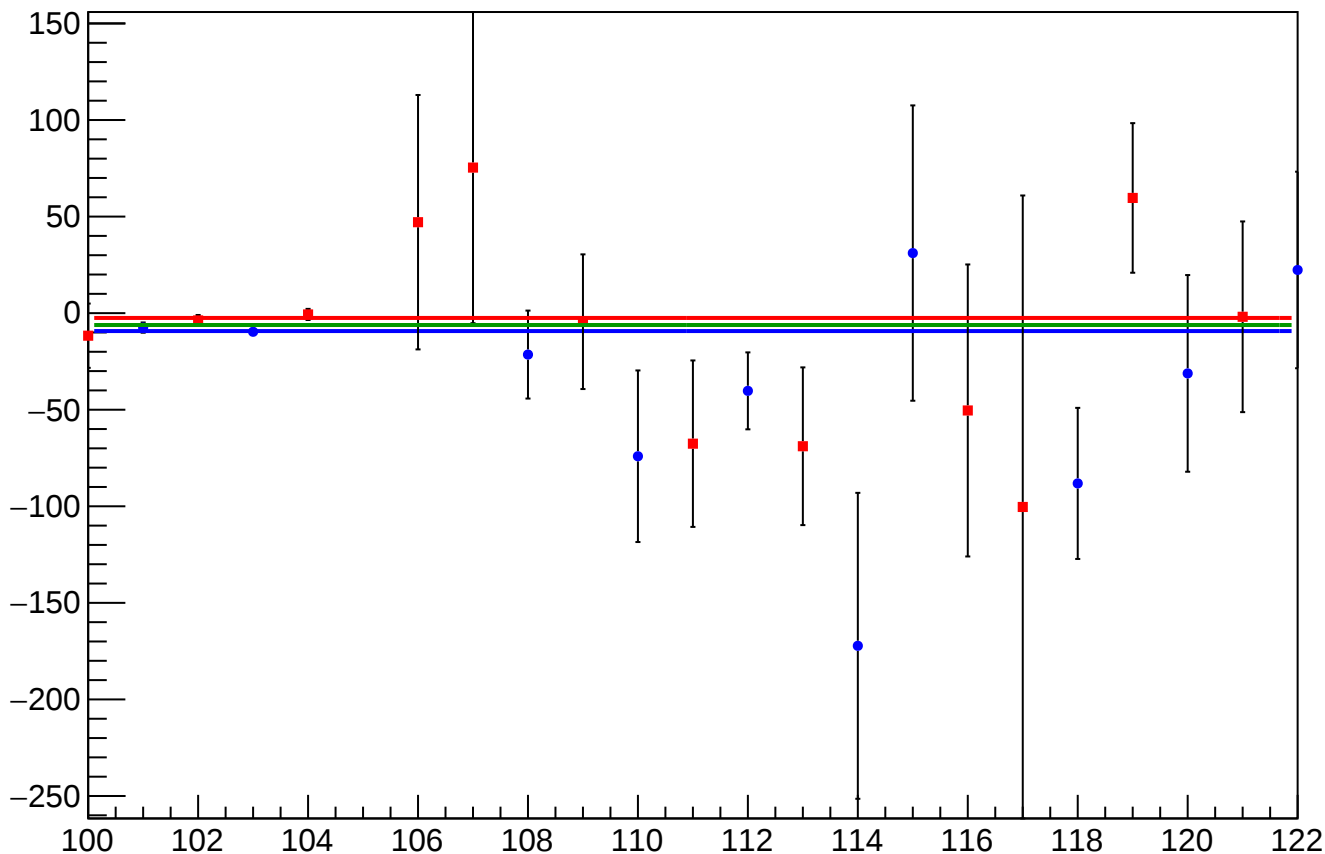
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3480.850 ± 1.891 χ^2/NDF : 3164966.9/9

3615.559 ± 1.385 χ^2/NDF : 7969029.3/21

3771.279 ± 2.033 χ^2/NDF : 4793119.8/11

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.273 $\pm$ 1.835 χ^2/NDF : 14.5/9

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

Right Out: -2.478 $\pm$ 1.984 χ^2/NDF : 10.7/11

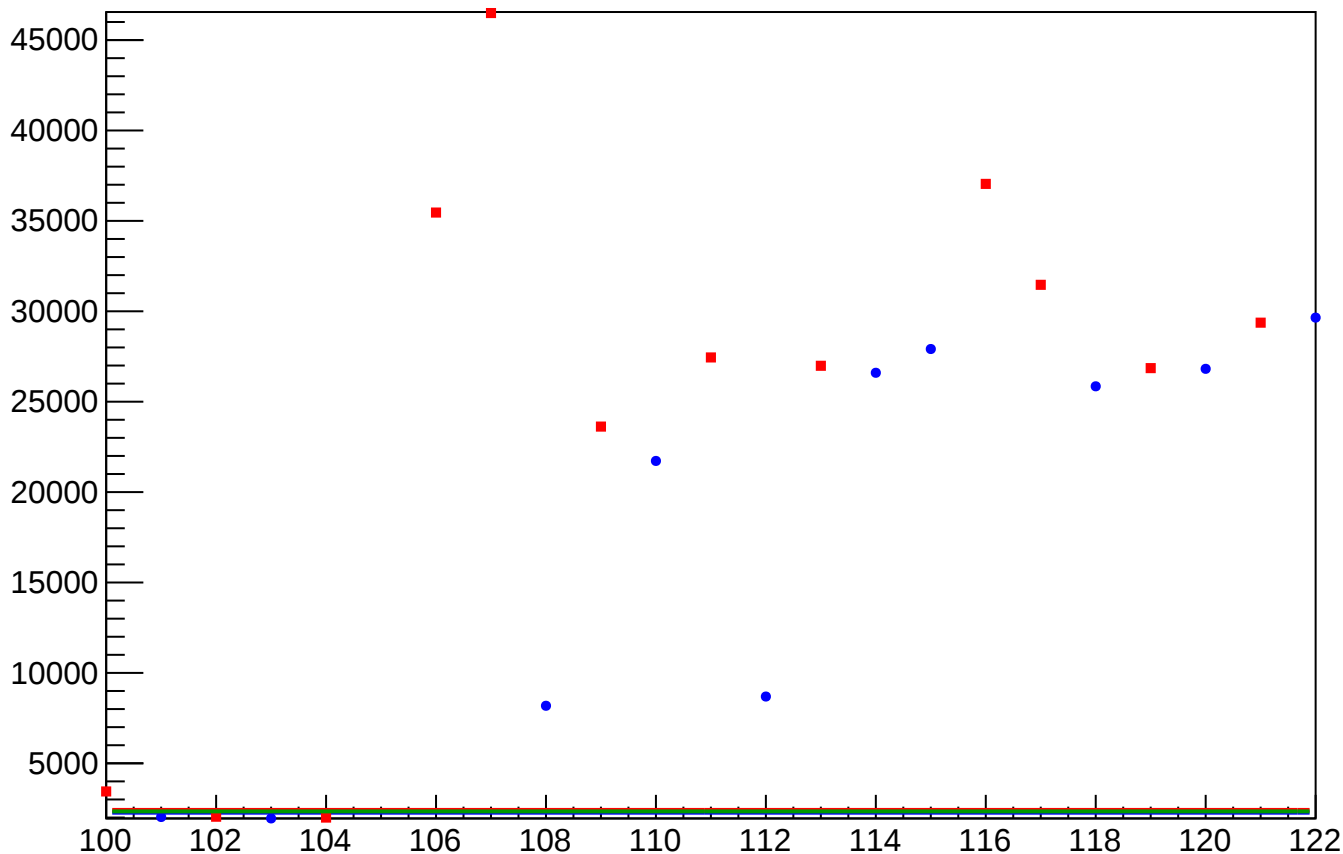
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-9.273 $\pm$ 1.835 χ^2/NDF : 14.5/9

-6.140 $\pm$ 1.347 χ^2/NDF : 31.5/21

-2.478 $\pm$ 1.984 χ^2/NDF : 10.7/11

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2270.112 $\pm$ 1.298 χ^2 /NDF: 2957079.3/9

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

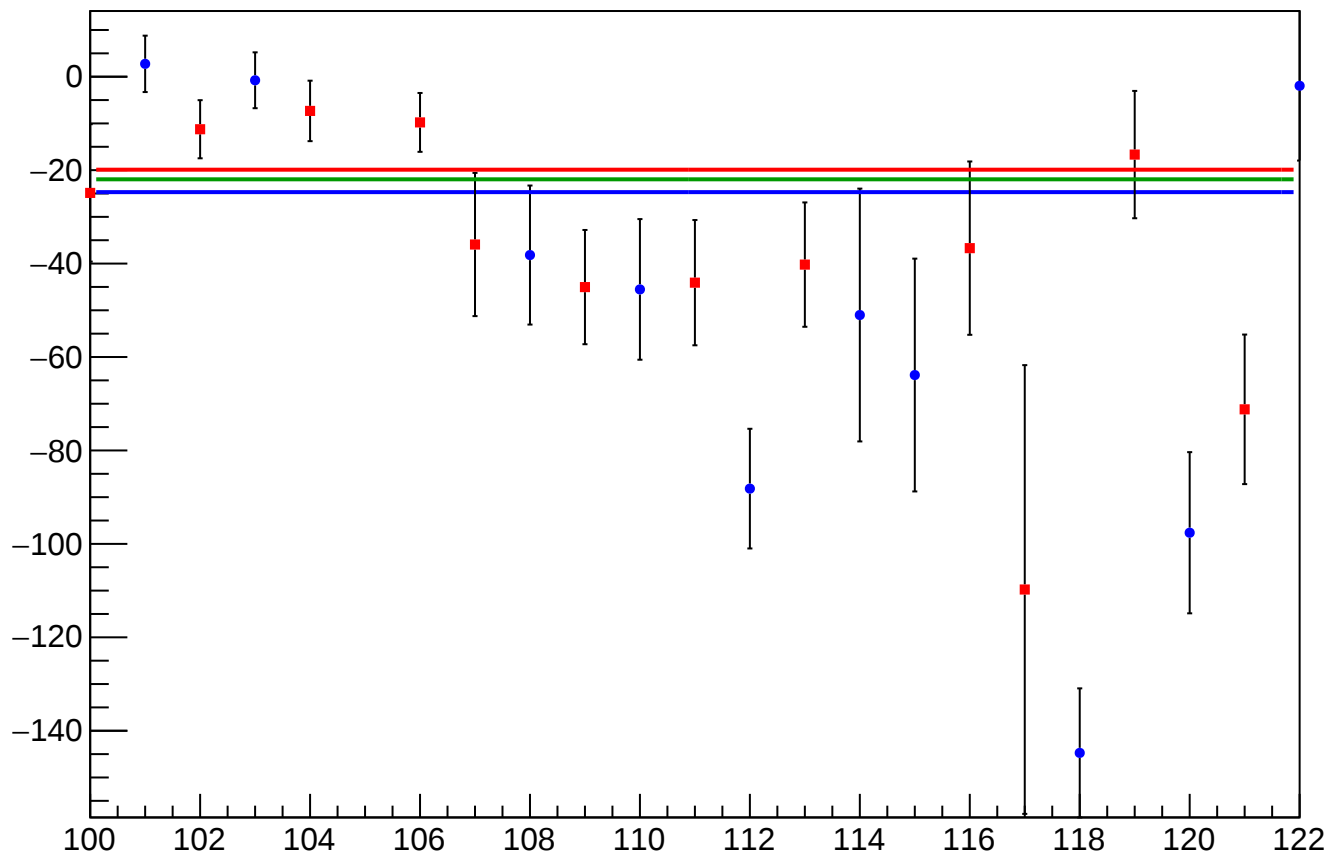
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2270.112 $\pm$ 1.298 χ^2 /NDF: 2957079.3/9

2339.836 $\pm$ 0.953 χ^2 /NDF: 8165990.5/21

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

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -24.707 $\pm$ 3.411 χ^2 /NDF: 162.8/9

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

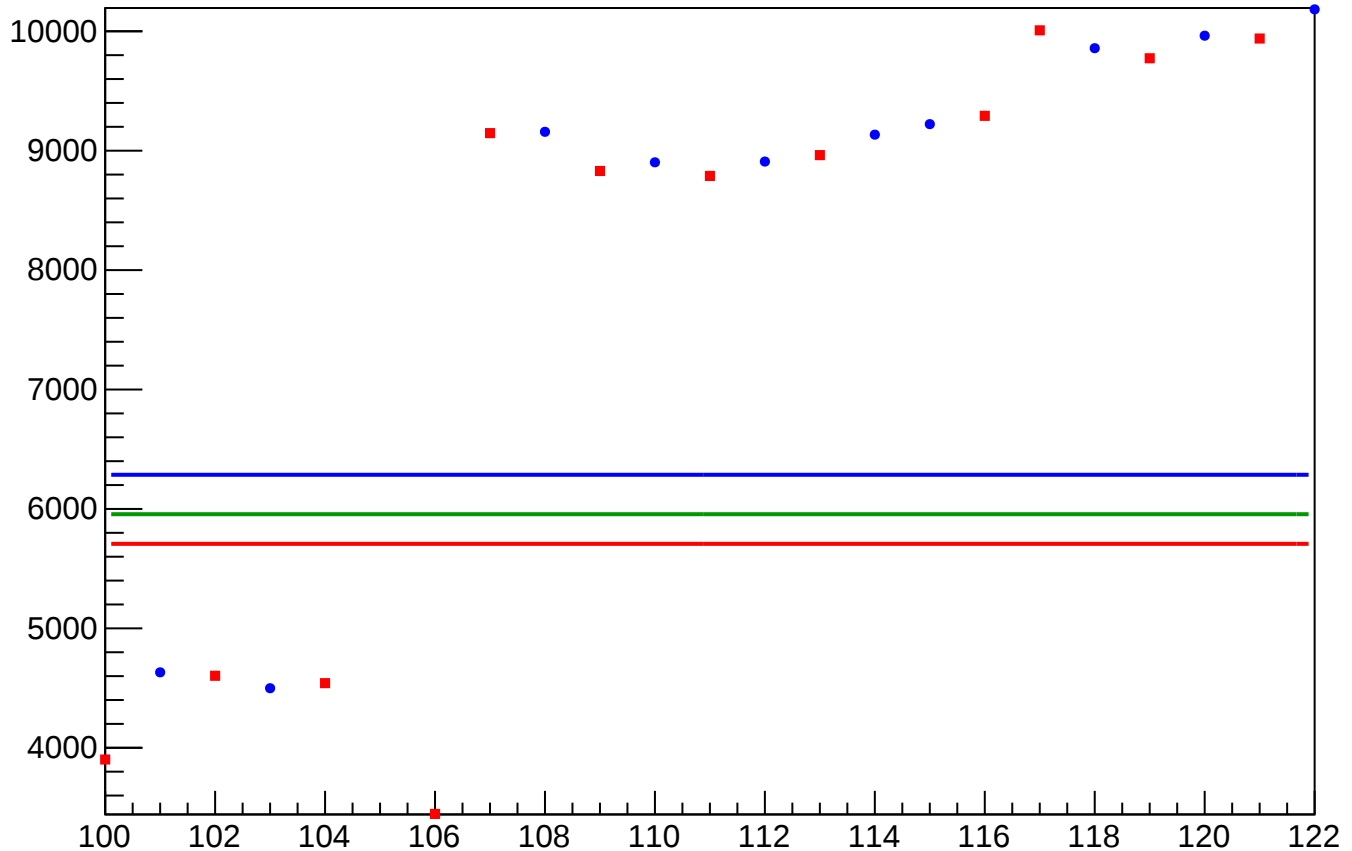
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-24.707 $\pm$ 3.411 χ^2 /NDF: 162.8/9

-21.964 $\pm$ 2.235 χ^2 /NDF: 197.9/21

-19.903 $\pm$ 2.958 χ^2 /NDF: 34.0/11

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6286.110+/-2.412 χ^2/NDF : 940882.8/9

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

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

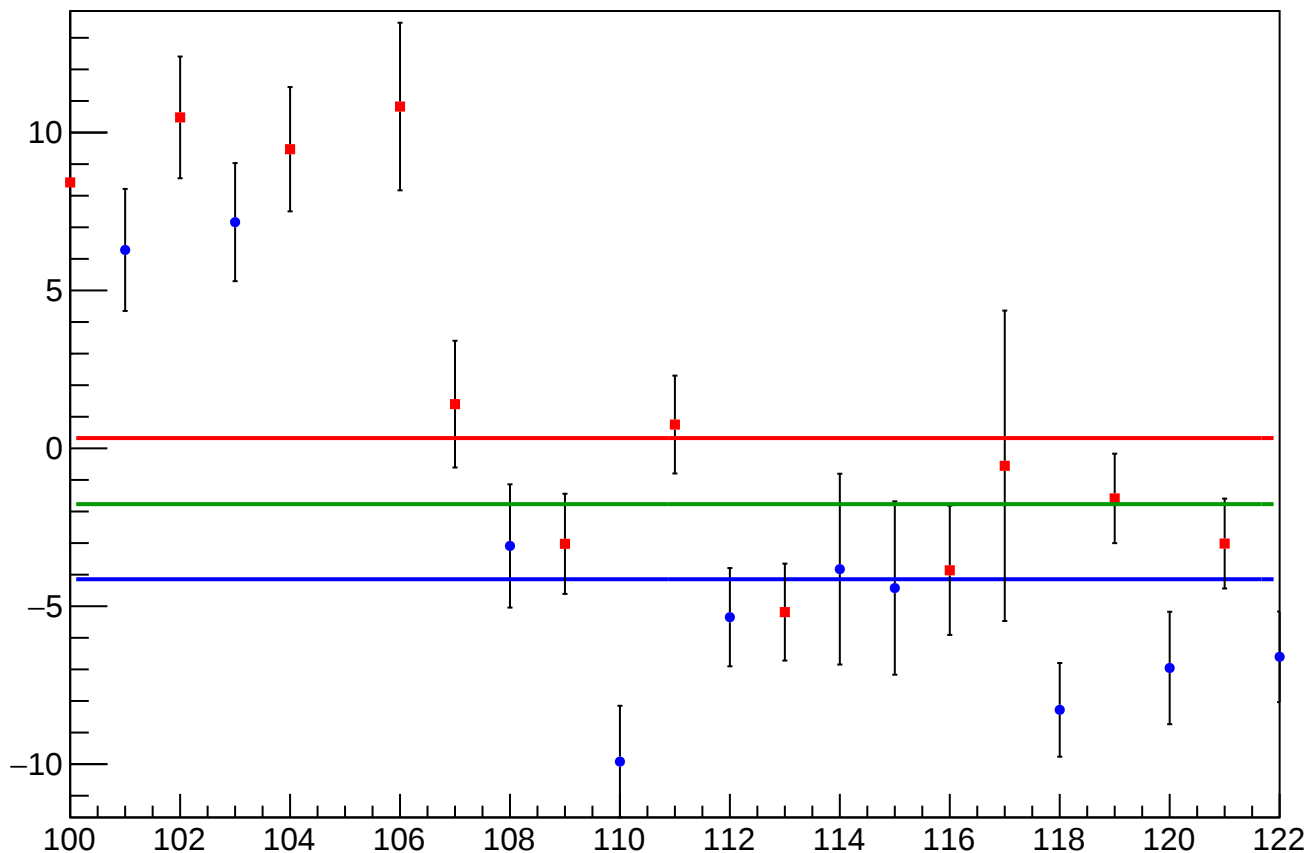
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6286.110+/-2.412 χ^2/NDF : 940882.8/9

5955.971+/-1.580 χ^2/NDF : 2254642.3/21

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

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.145+/-0.573 χ^2/NDF : 90.5/9

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

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

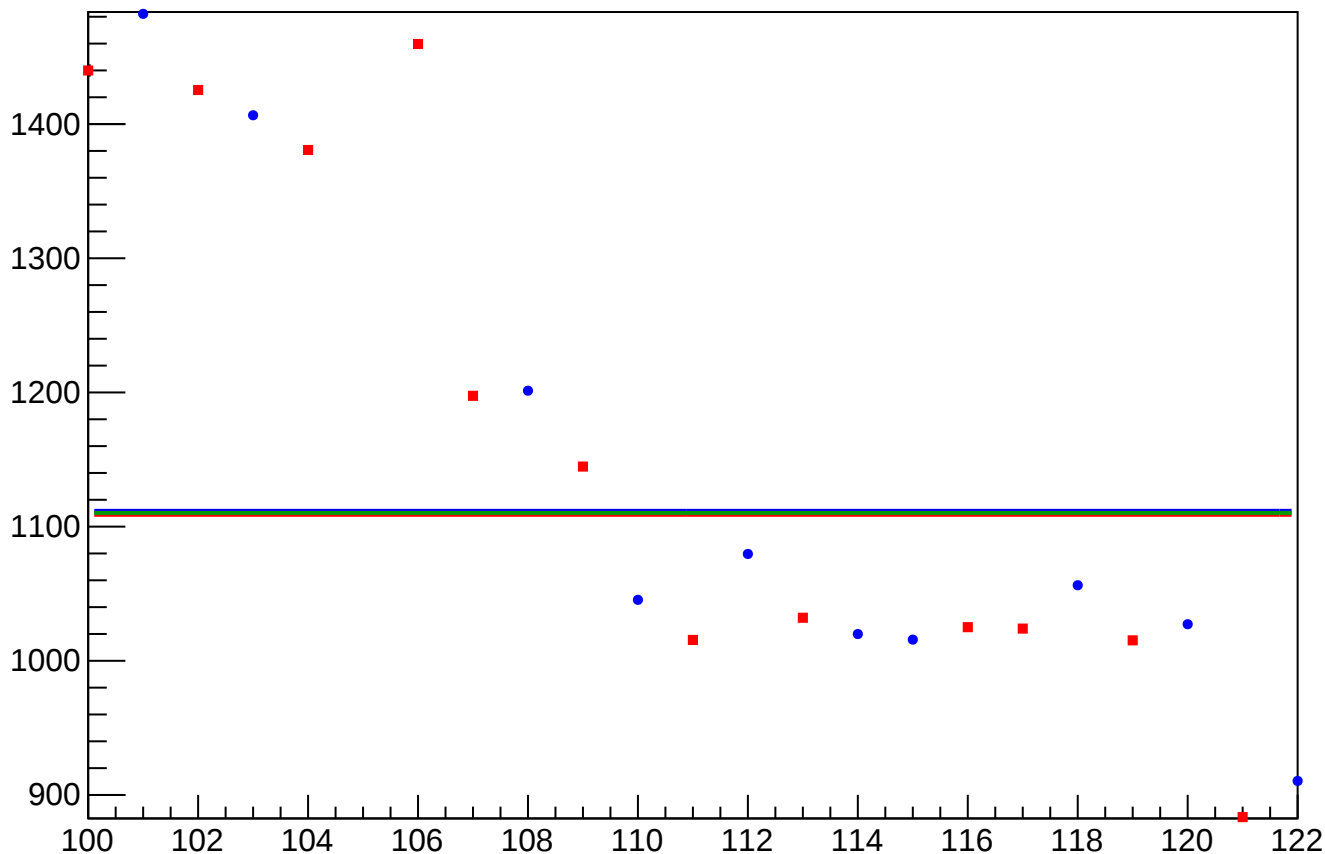
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.145+/-0.573 χ^2/NDF : 90.5/9

-1.767+/-0.392 χ^2/NDF : 219.4/21

0.325+/-0.537 χ^2/NDF : 96.5/11

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1111.774 $\pm$ 0.405 χ^2 /NDF: 182102.8/9

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

Right Out: 1108.827 $\pm$ 0.380 χ^2 /NDF: 214564.1/11

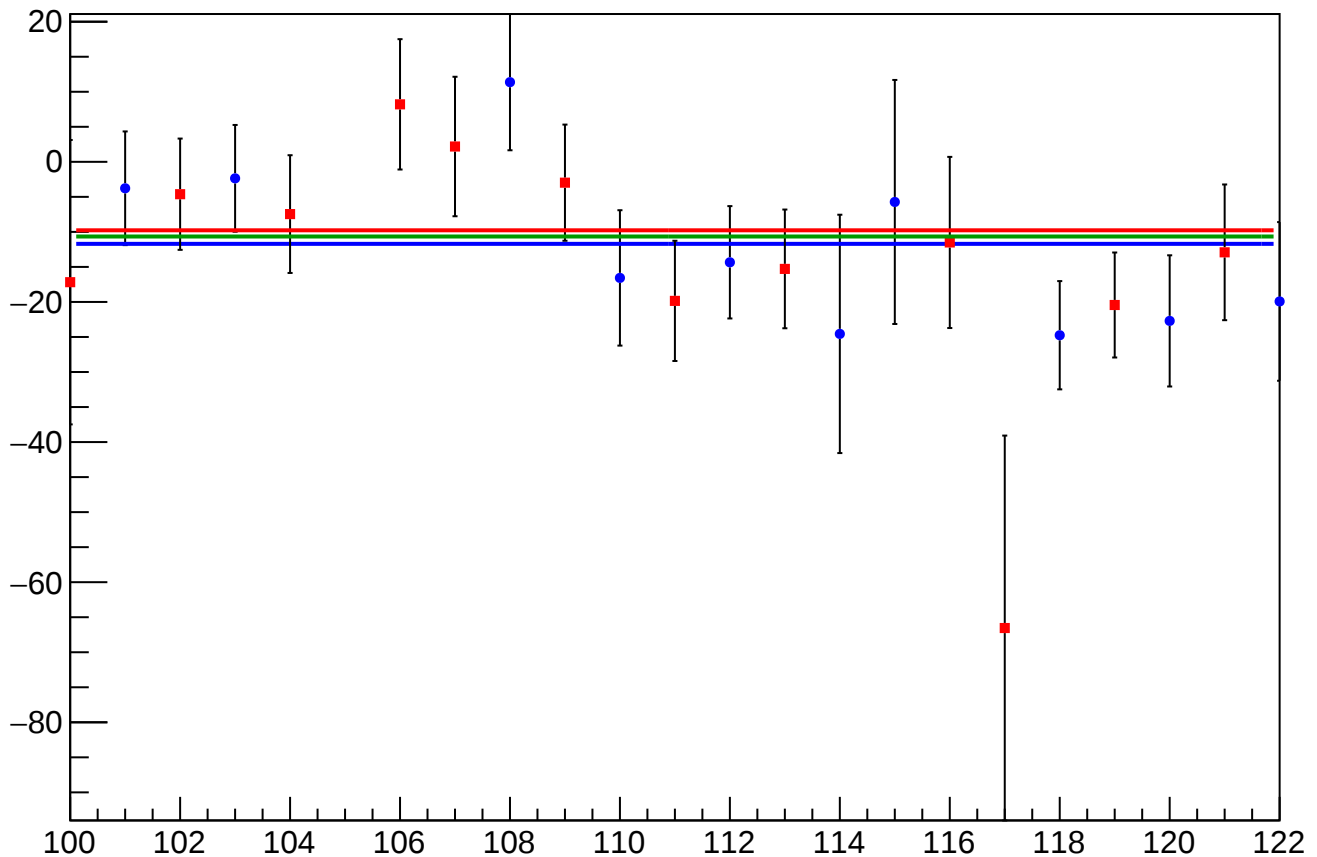
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1111.774 $\pm$ 0.405 χ^2 /NDF: 182102.8/9

1110.206 $\pm$ 0.277 χ^2 /NDF: 396695.1/21

1108.827 $\pm$ 0.380 χ^2 /NDF: 214564.1/11

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.708 $\pm$ 2.988 χ^2 /NDF: 13.9/9

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

Right Out: -9.773 $\pm$ 2.746 χ^2 /NDF: 14.7/11

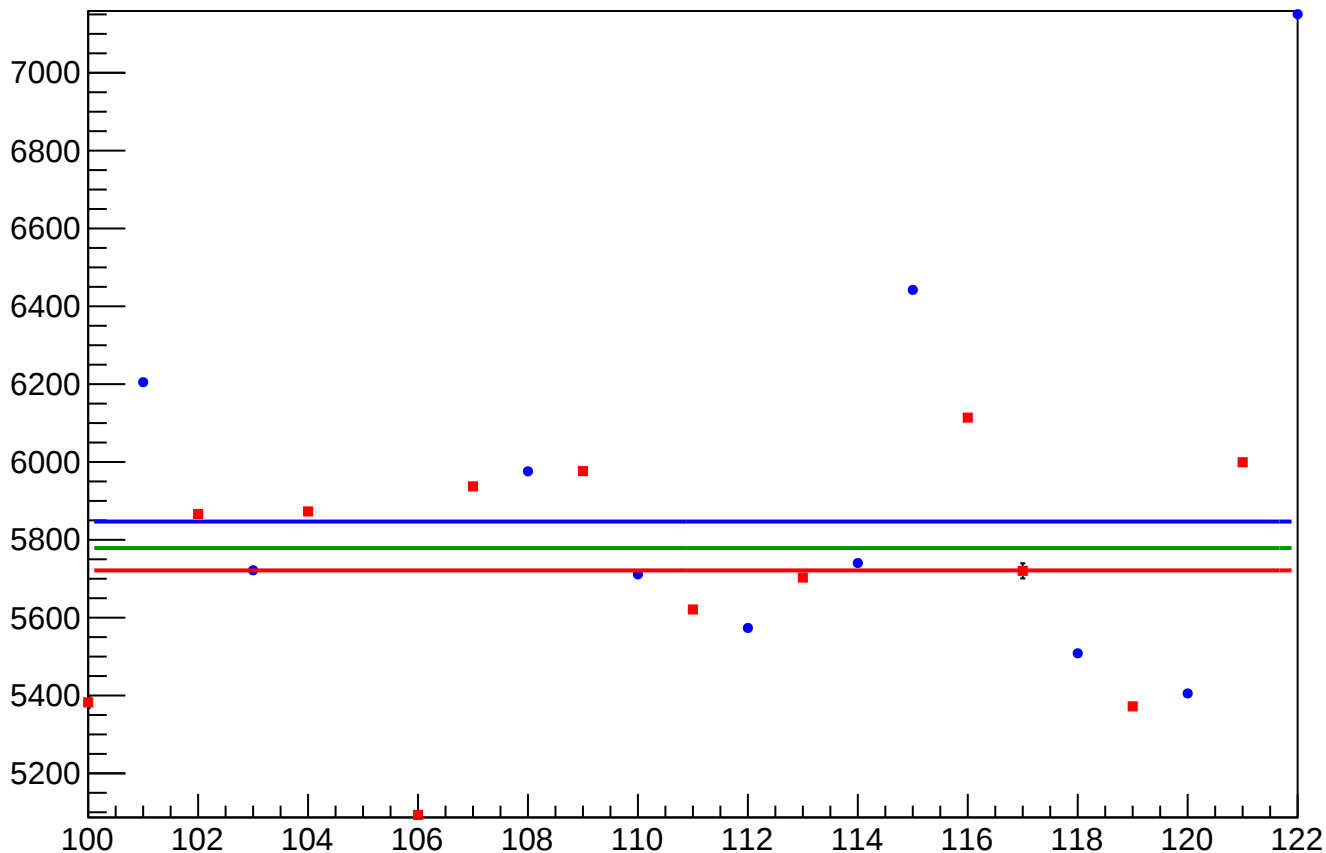
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.708 $\pm$ 2.988 χ^2 /NDF: 13.9/9

-10.659 $\pm$ 2.022 χ^2 /NDF: 28.8/21

-9.773 $\pm$ 2.746 χ^2 /NDF: 14.7/11

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5846.945 $\pm$ 2.113 χ^2 /NDF: 44721.9/9

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

Right Out: 5721.478 $\pm$ 1.941 χ^2 /NDF: 22172.7/11

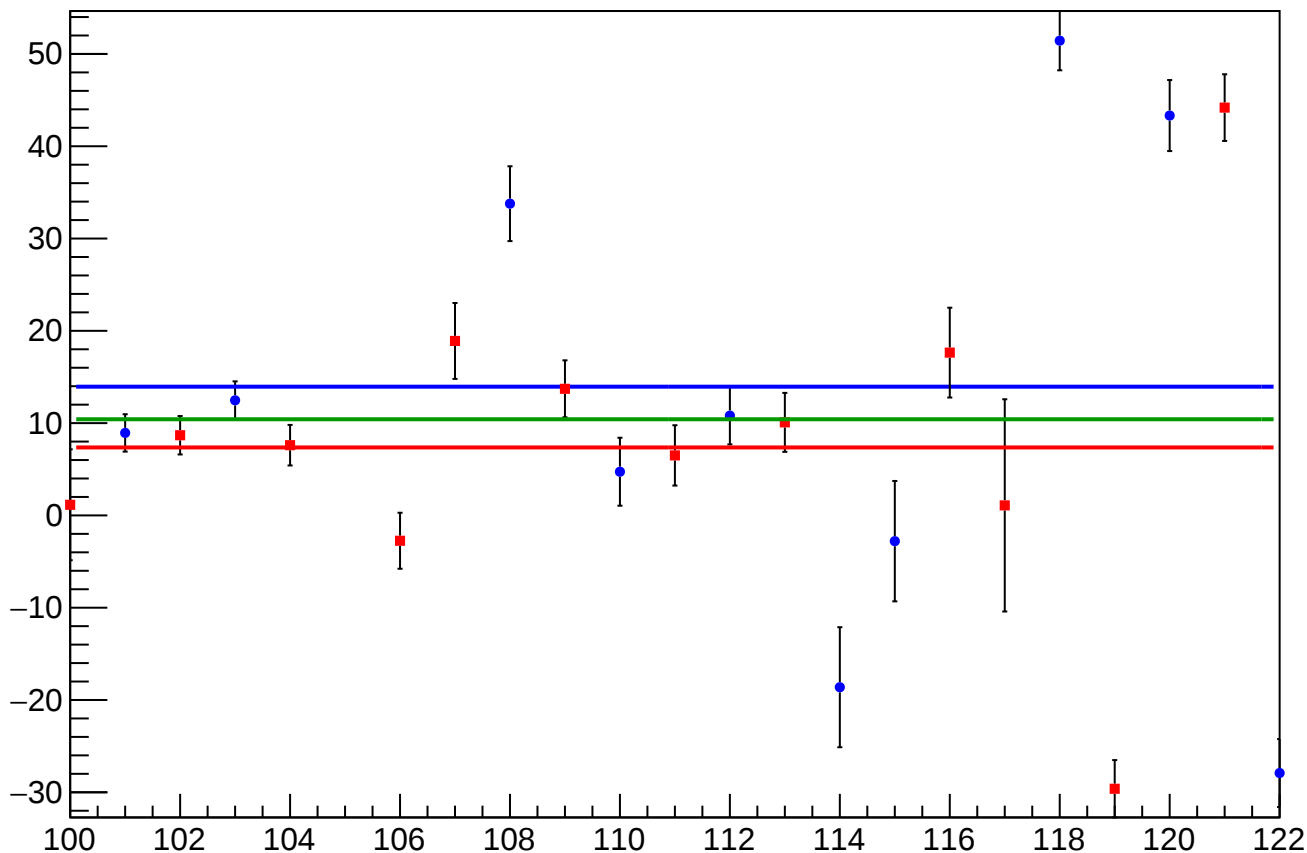
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5846.945 $\pm$ 2.113 χ^2 /NDF: 44721.9/9

5778.905 $\pm$ 1.430 χ^2 /NDF: 68806.3/21

5721.478 $\pm$ 1.941 χ^2 /NDF: 22172.7/11

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.948+/-0.998 χ^2/NDF : 393.4/9

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

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

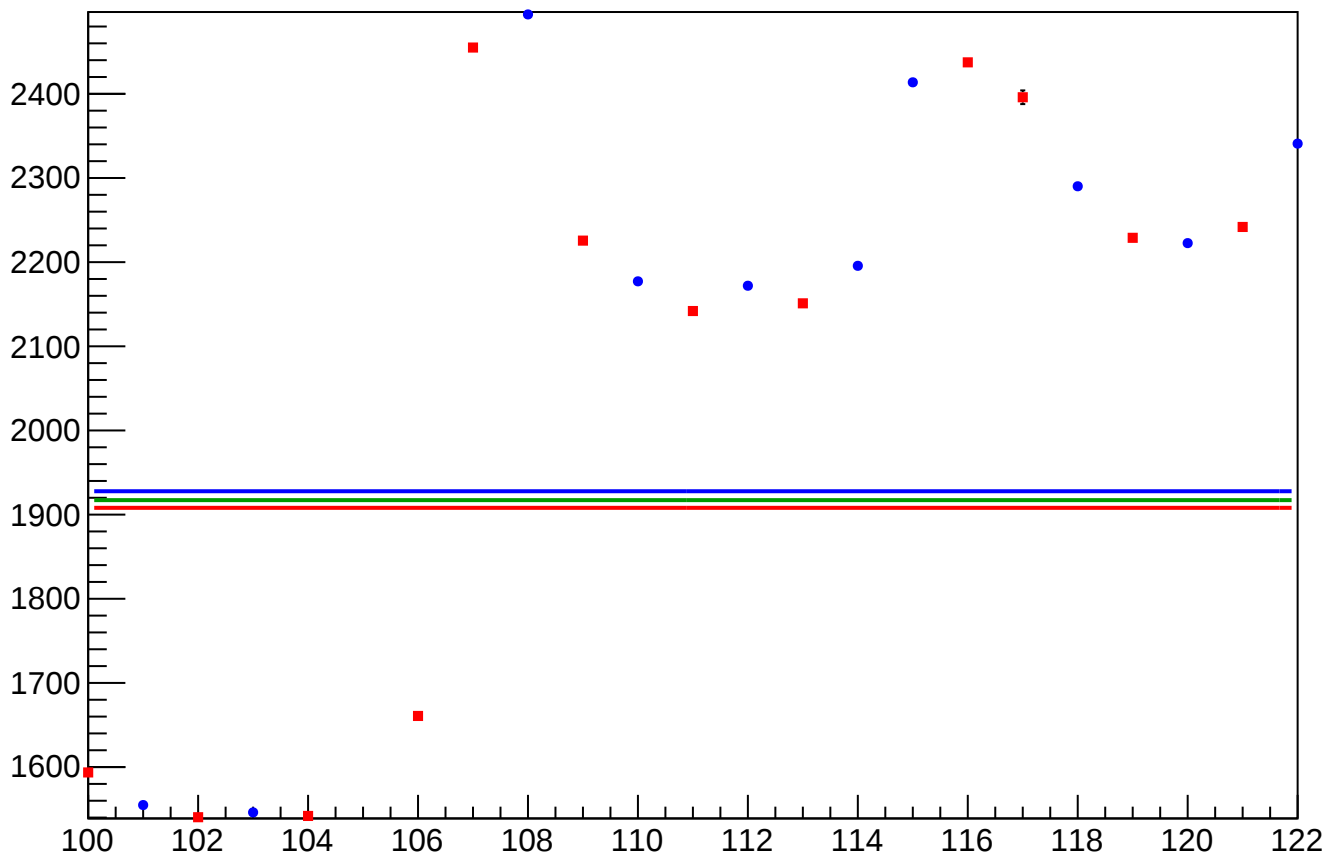
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.948+/-0.998 χ^2/NDF : 393.4/9

10.418+/-0.680 χ^2/NDF : 692.6/21

7.365+/-0.928 χ^2/NDF : 275.8/11

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1927.784 $\pm$ 0.706 χ^2/NDF : 274120.2/9

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

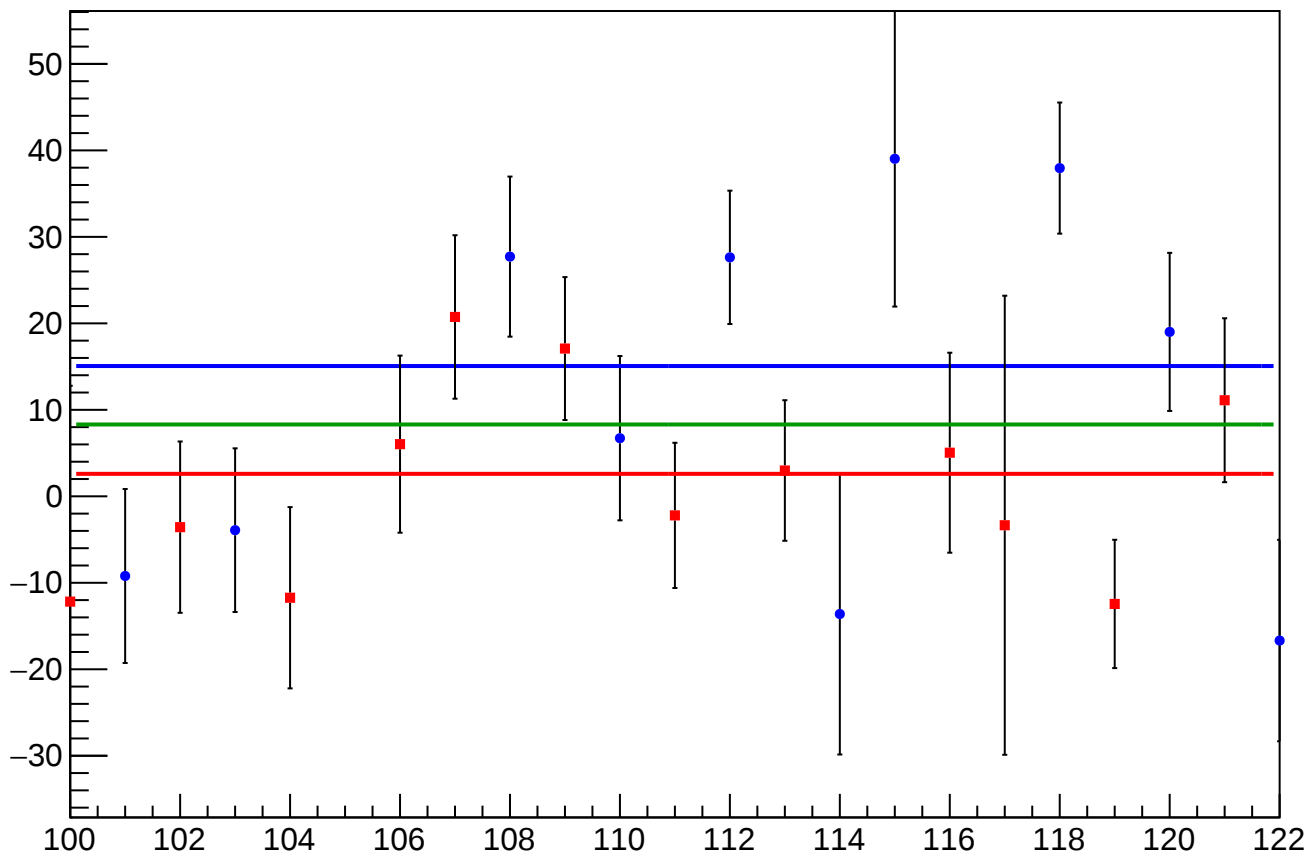
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1927.784 $\pm$ 0.706 χ^2/NDF : 274120.2/9

1917.211 $\pm$ 0.481 χ^2/NDF : 555235.8/21

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

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.064+/-3.092 χ^2/NDF : 37.0/9

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

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

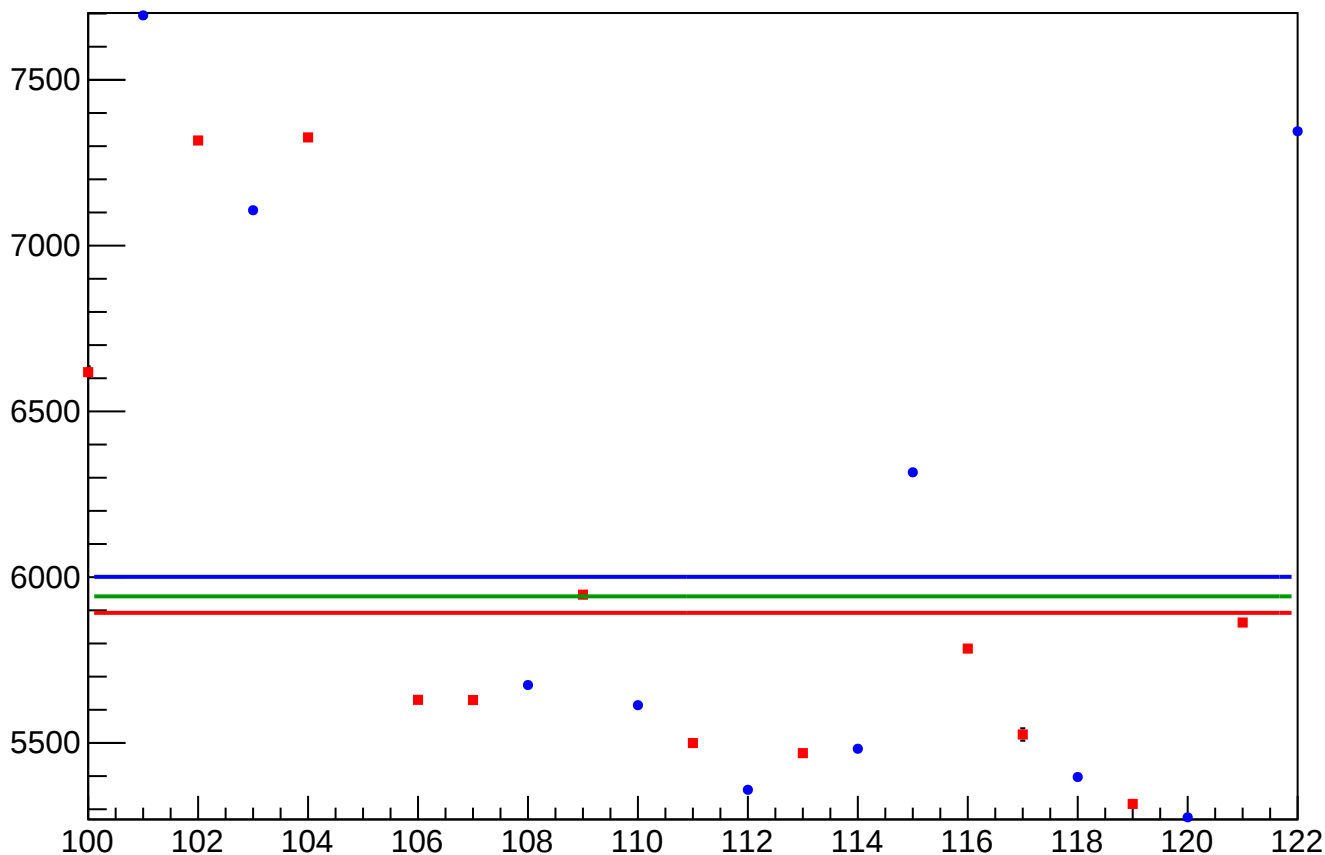
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.064+/-3.092 χ^2/NDF : 37.0/9

8.306+/-2.092 χ^2/NDF : 60.6/21

2.599+/-2.842 χ^2/NDF : 14.8/11

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6001.063+/-2.187 χ^2/NDF : 158294.6/9

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

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

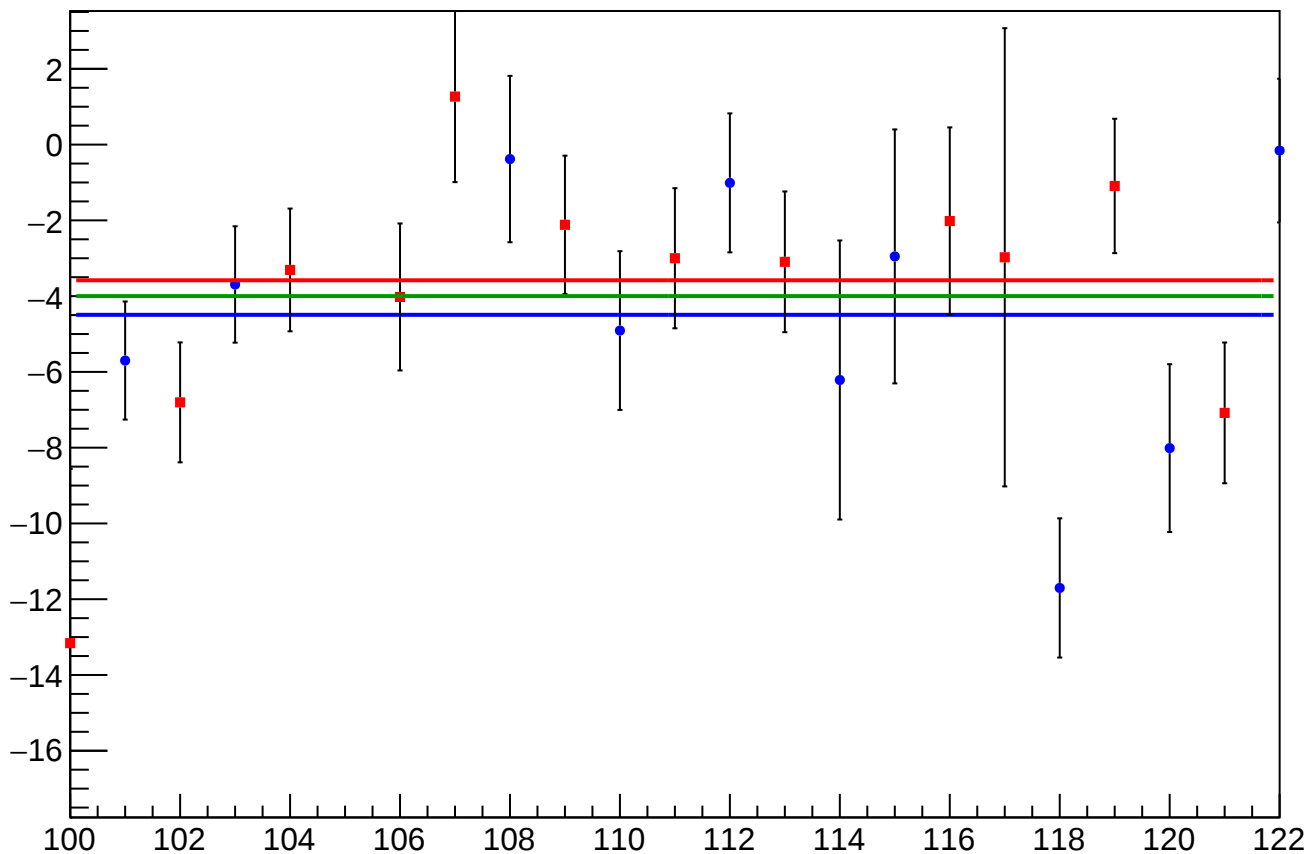
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6001.063+/-2.187 χ^2/NDF : 158294.6/9

5942.139+/-1.480 χ^2/NDF : 265545.9/21

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

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.493+/-0.631 χ^2/NDF : 31.6/9

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

Right Out: -3.582+/-0.580 χ^2/NDF : 19.9/11

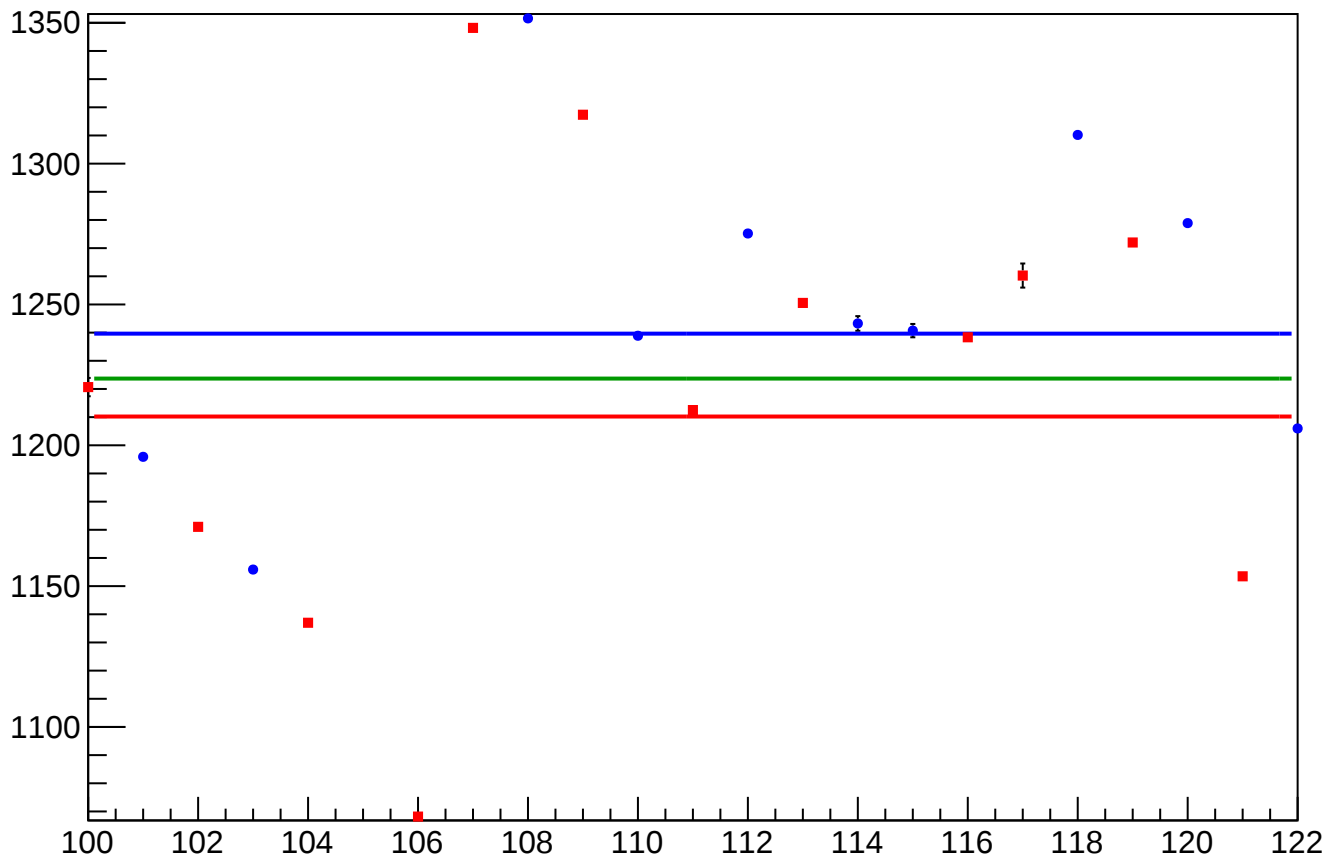
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.493+/-0.631 χ^2/NDF : 31.6/9

-3.999+/-0.427 χ^2/NDF : 52.6/21

-3.582+/-0.580 χ^2/NDF : 19.9/11

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1239.640 $\pm$ 0.446 χ^2 /NDF: 17678.1/9

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

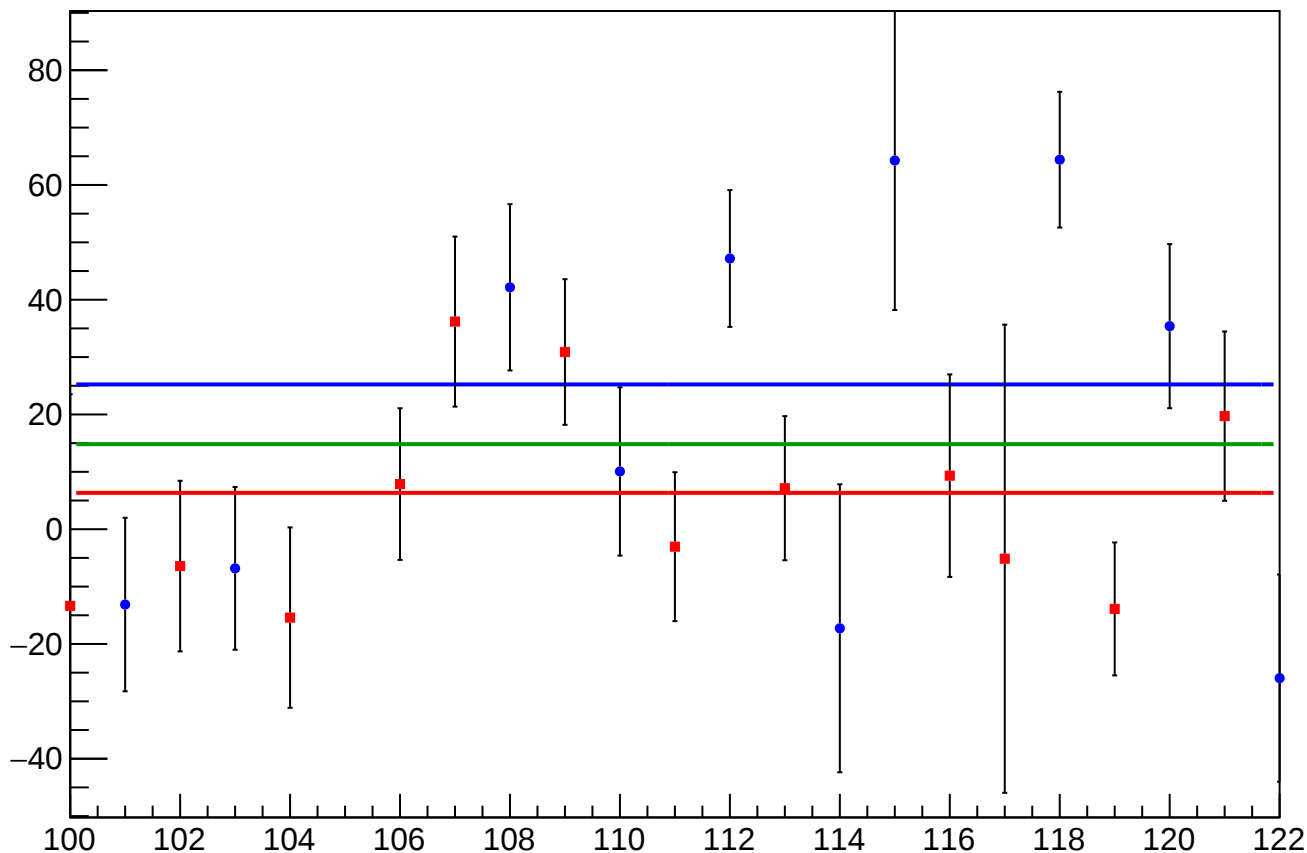
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1239.640 $\pm$ 0.446 χ^2 /NDF: 17678.1/9

1223.689 $\pm$ 0.302 χ^2 /NDF: 56068.5/21

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

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.232 $\pm$ 4.770 χ^2/NDF : 42.0/9

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

Right Out: 6.337 $\pm$ 4.306 χ^2/NDF : 15.3/11

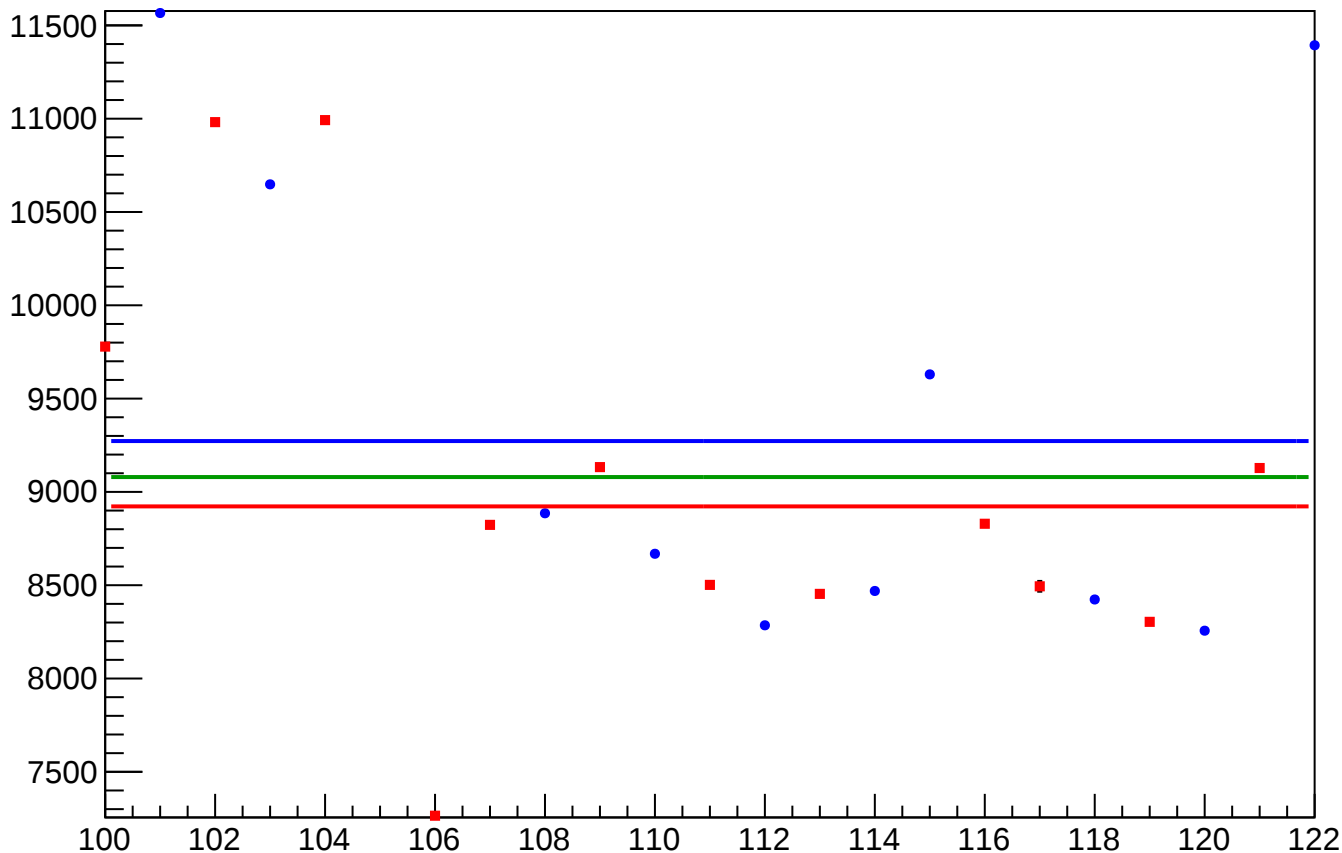
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

25.232 $\pm$ 4.770 χ^2/NDF : 42.0/9

14.822 $\pm$ 3.196 χ^2/NDF : 65.9/21

6.337 $\pm$ 4.306 χ^2/NDF : 15.3/11

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9272.506 $\pm$ 3.373 χ^2 /NDF: 133806.6/9

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

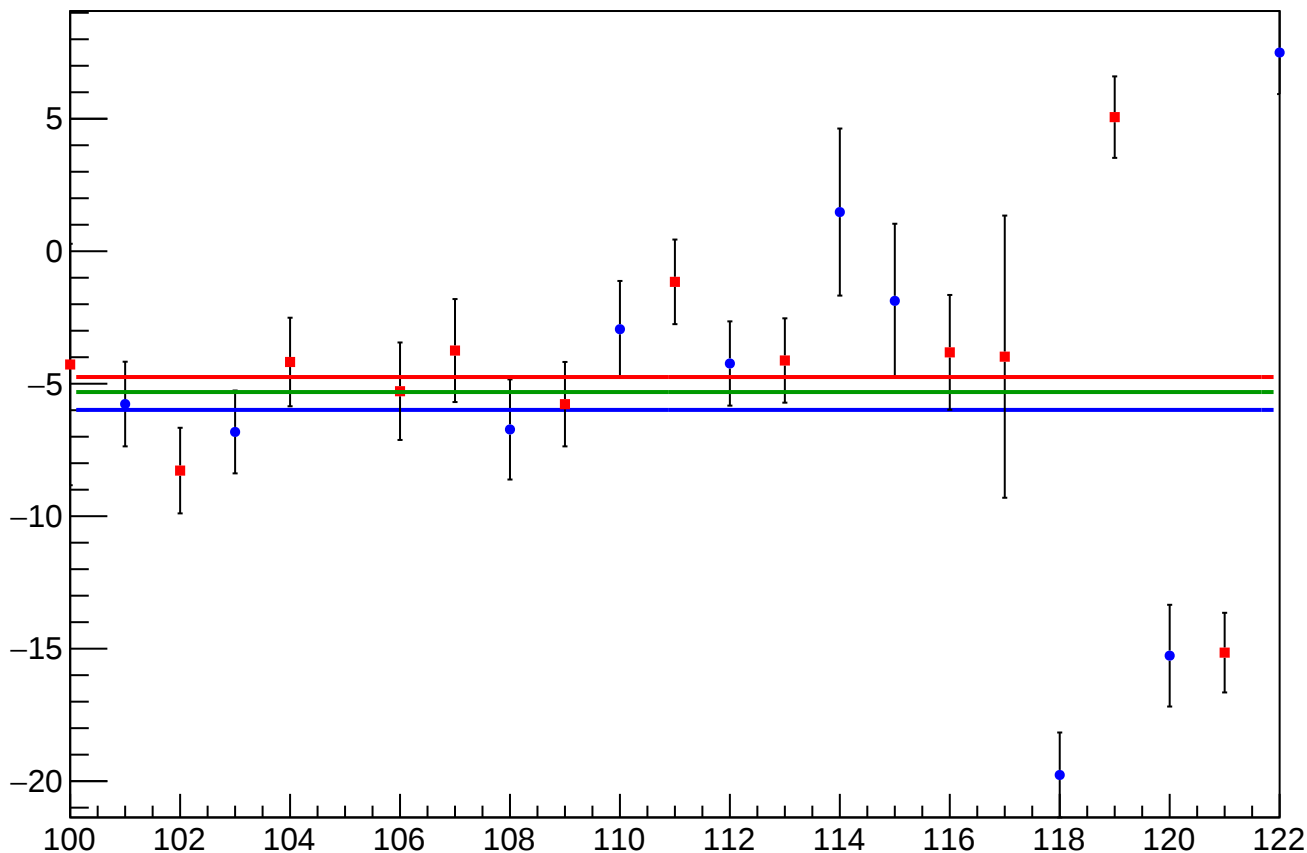
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9272.506 $\pm$ 3.373 χ^2 /NDF: 133806.6/9

9079.587 $\pm$ 2.260 χ^2 /NDF: 257208.8/21

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

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.989+/-0.571 χ^2/NDF : 183.3/9

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

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

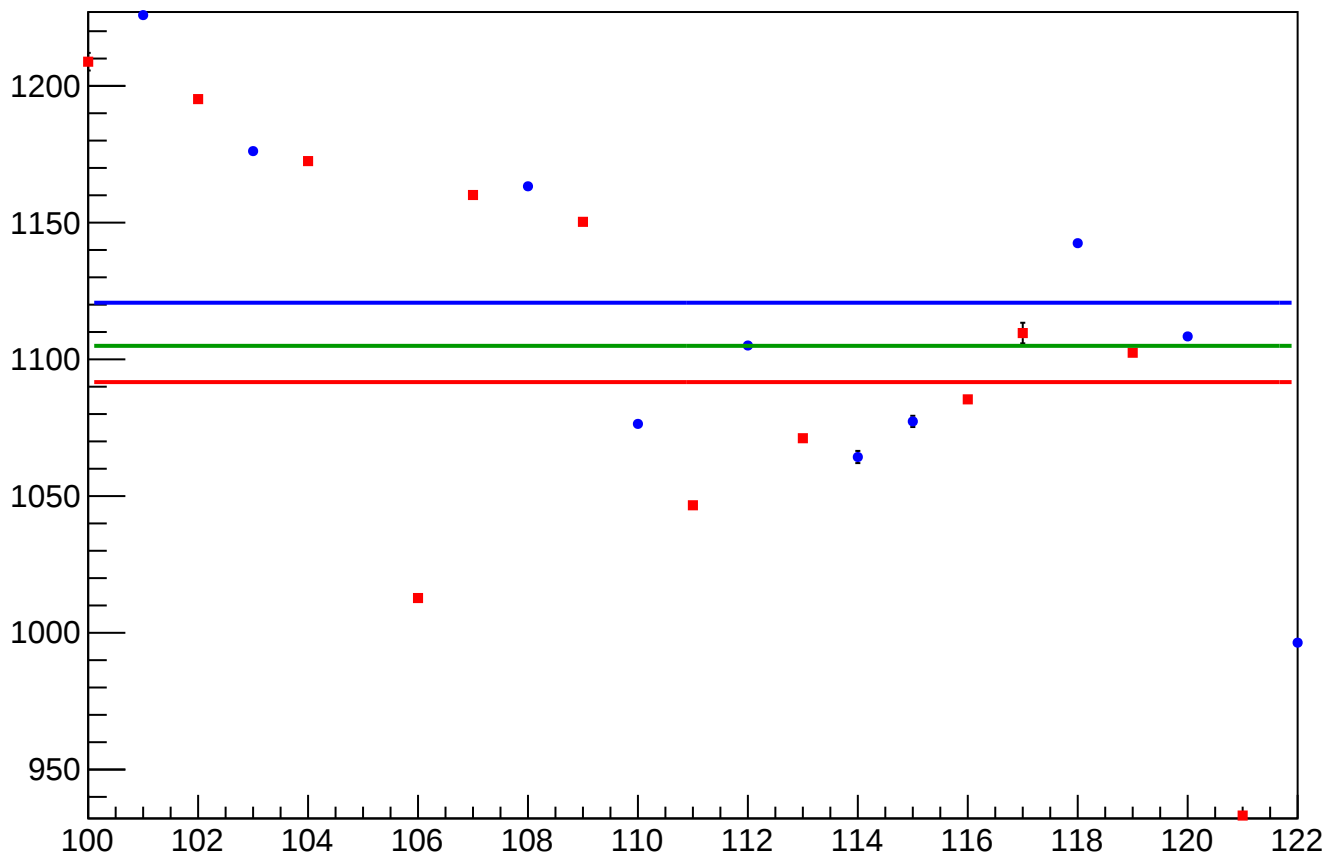
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.989+/-0.571 χ^2/NDF : 183.3/9

-5.314+/-0.386 χ^2/NDF : 285.6/21

-4.748+/-0.524 χ^2/NDF : 99.7/11

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1120.711+/-0.404 χ^2/NDF : 27696.2/9

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

Right Out: 1091.683+/-0.370 χ^2/NDF : 47391.0/11

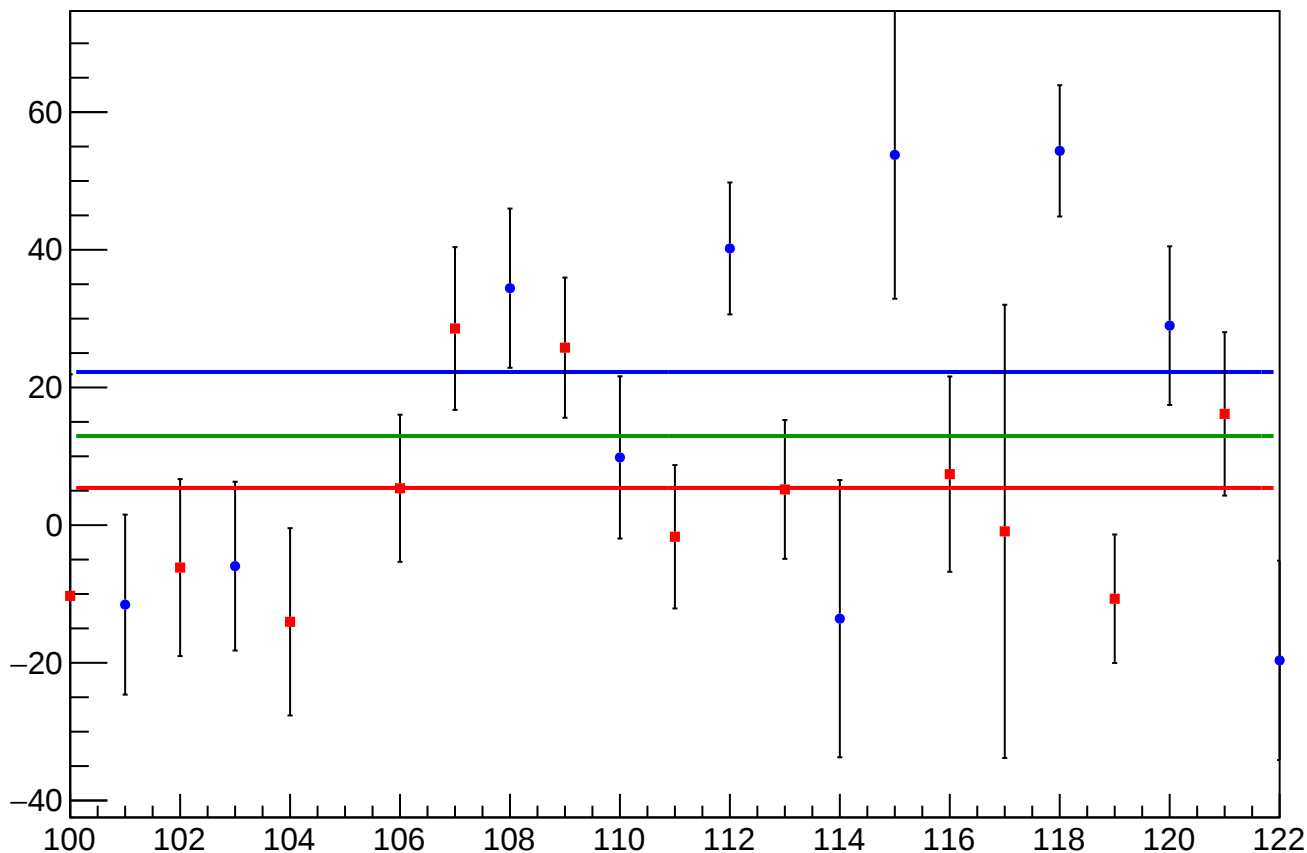
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1120.711+/-0.404 χ^2/NDF : 27696.2/9

1104.941+/-0.273 χ^2/NDF : 77892.8/21

1091.683+/-0.370 χ^2/NDF : 47391.0/11

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.250+/-3.889 χ^2/NDF : 43.2/9

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

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

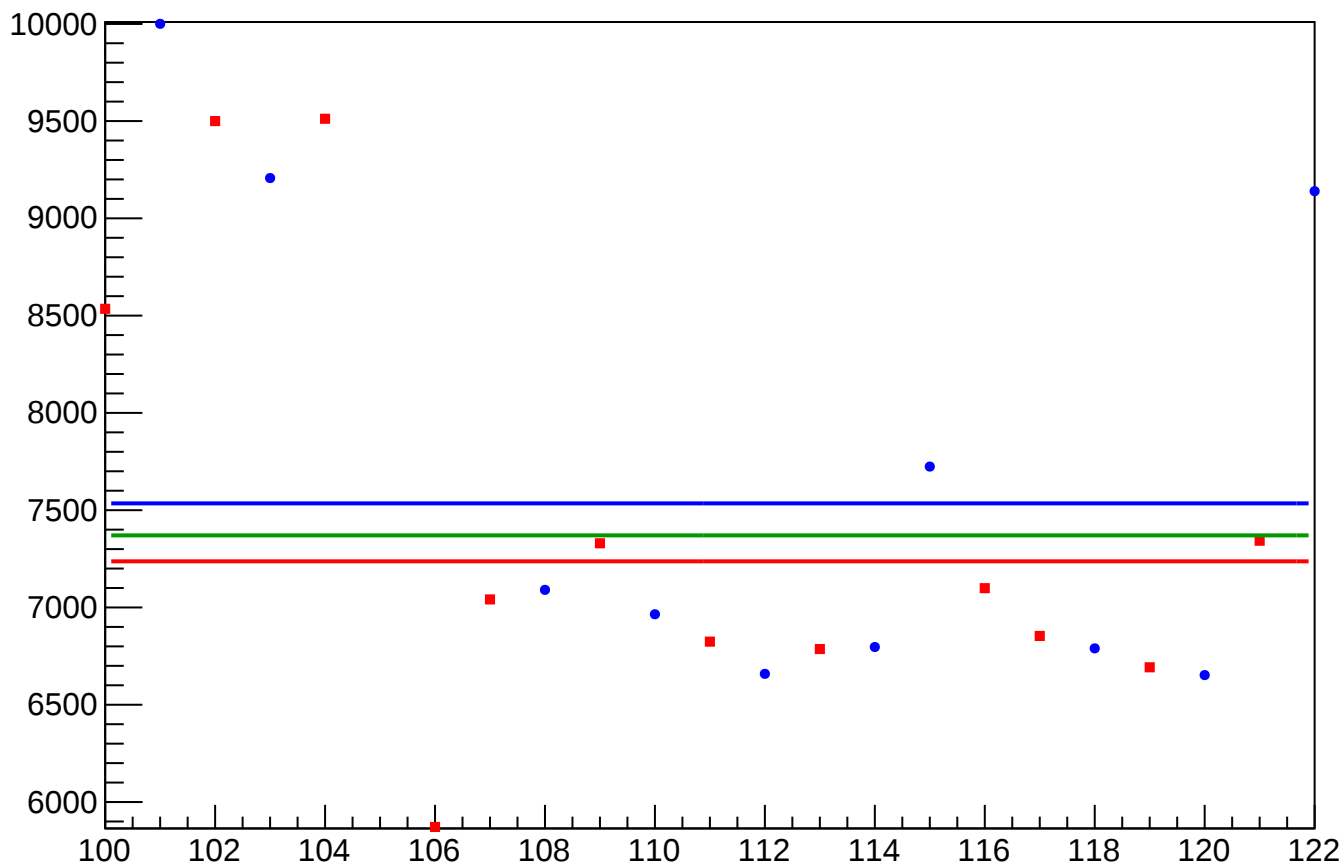
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.250+/-3.889 χ^2/NDF : 43.2/9

12.953+/-2.603 χ^2/NDF : 68.8/21

5.408+/-3.503 χ^2/NDF : 15.2/11

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7534.987+/-2.750 χ^2/NDF : 184023.2/9

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

Right Out: 7237.095+/-2.477 χ^2/NDF : 168983.6/11

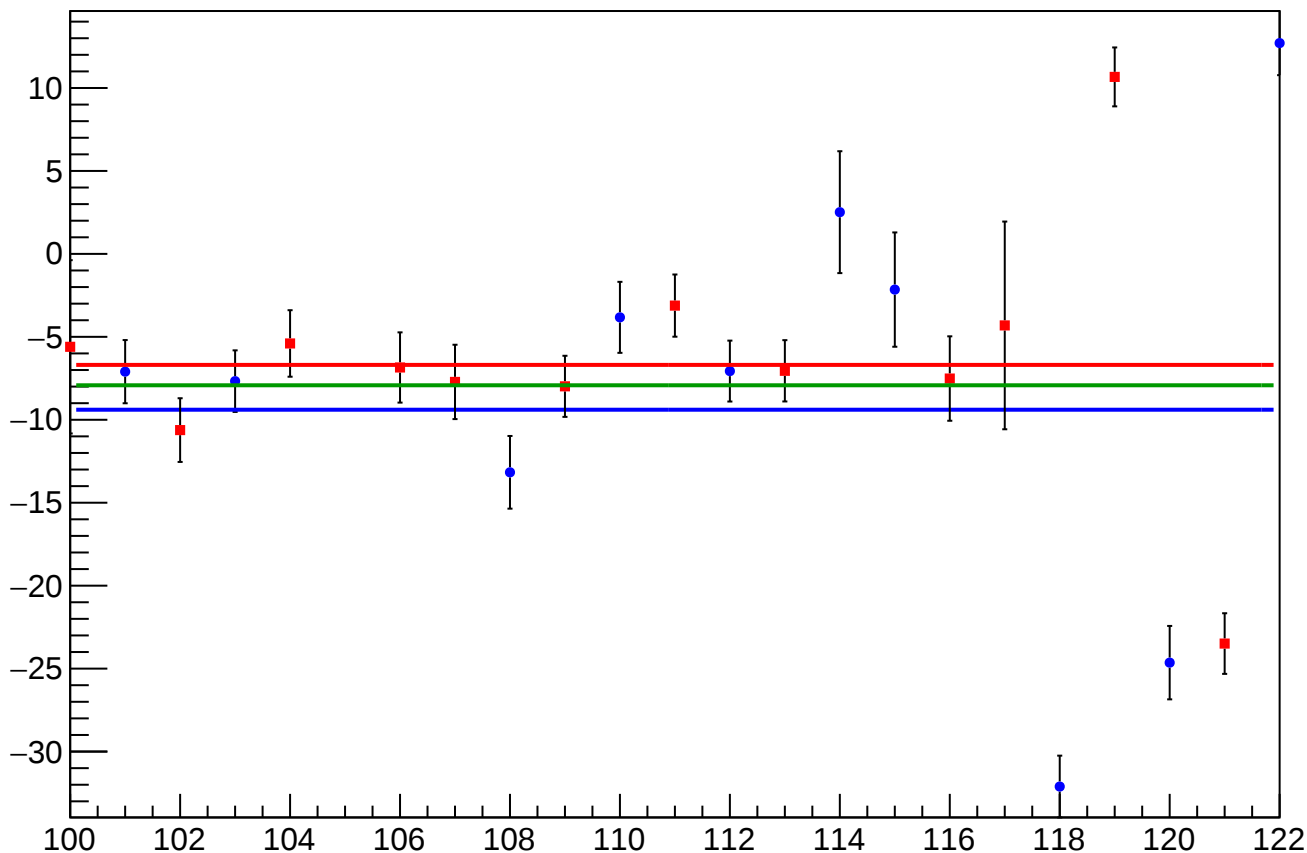
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7534.987+/-2.750 χ^2/NDF : 184023.2/9

7370.556+/-1.840 χ^2/NDF : 359485.6/21

7237.095+/-2.477 χ^2/NDF : 168983.6/11

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.394 ± 0.673 χ^2/NDF : 355.5/9

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

Right Out: -6.692 ± 0.615 χ^2/NDF : 189.4/11

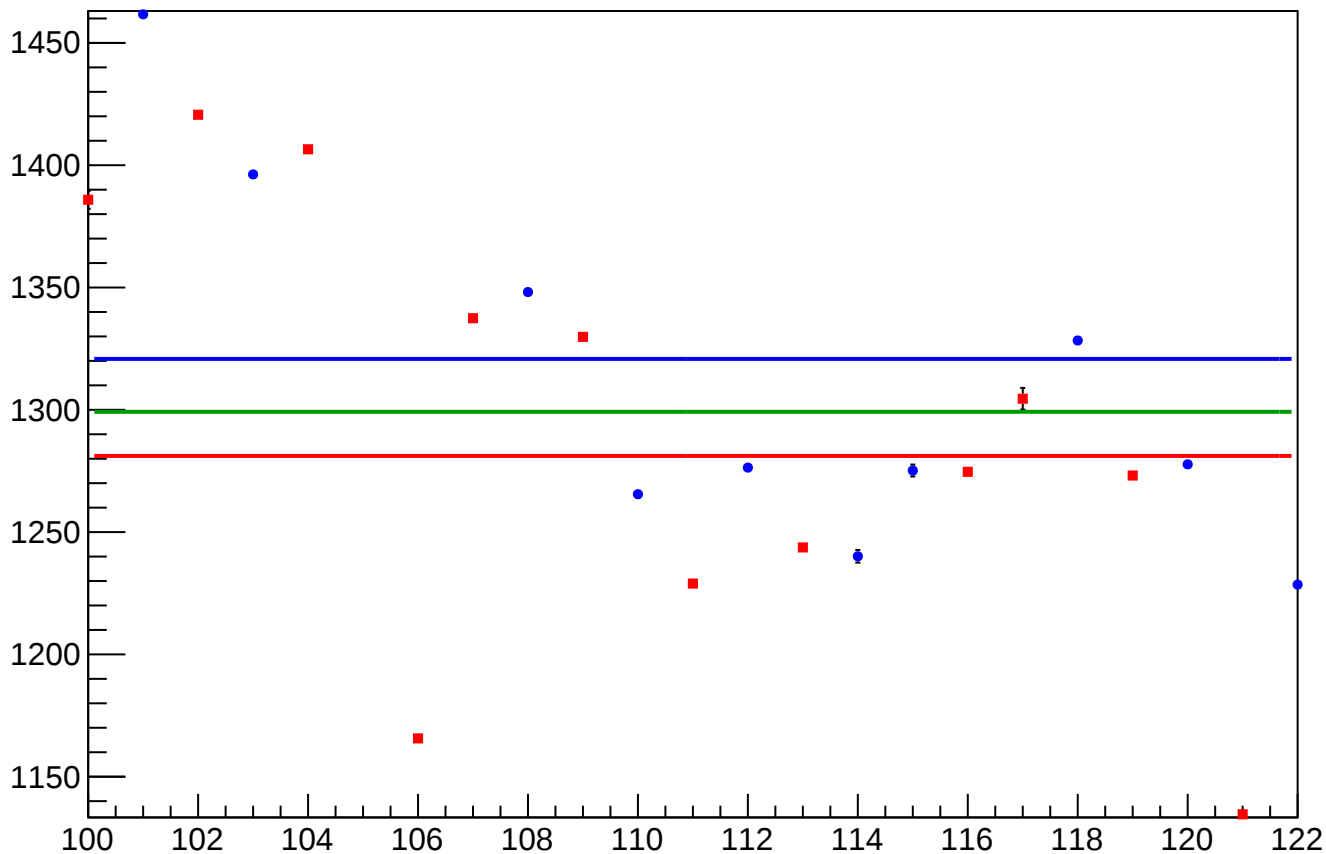
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.394 ± 0.673 χ^2/NDF : 355.5/9

-7.920 ± 0.454 χ^2/NDF : 553.6/21

-6.692 ± 0.615 χ^2/NDF : 189.4/11

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1320.815 $\pm$ 0.476 χ^2 /NDF: 23729.2/9

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

Right Out: 1281.155 $\pm$ 0.435 χ^2 /NDF: 43096.3/11

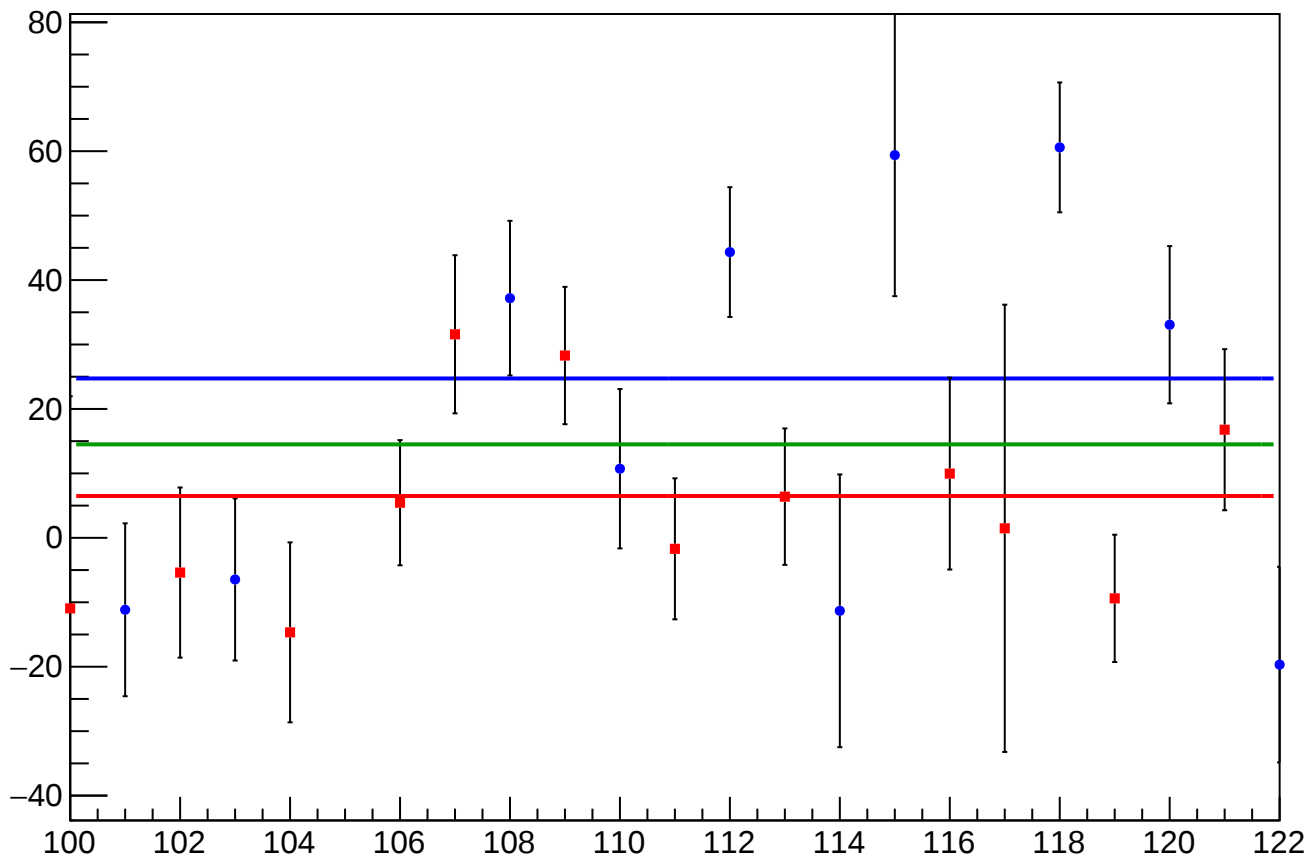
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1320.815 $\pm$ 0.476 χ^2 /NDF: 23729.2/9

1299.188 $\pm$ 0.321 χ^2 /NDF: 70612.7/21

1281.155 $\pm$ 0.435 χ^2 /NDF: 43096.3/11

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.730+/-4.067 χ^2/NDF : 46.6/9

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

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

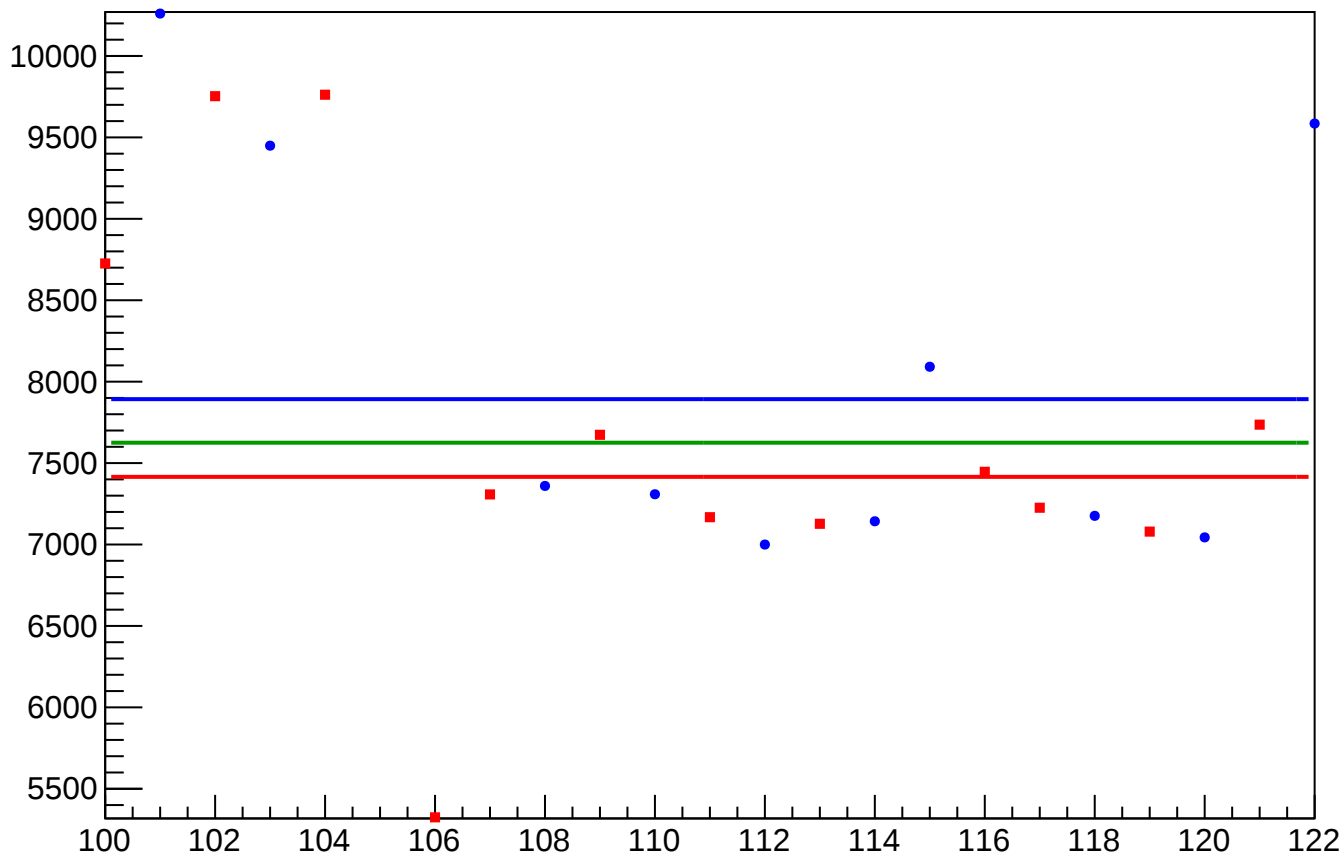
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.730+/-4.067 χ^2/NDF : 46.6/9

14.505+/-2.696 χ^2/NDF : 73.5/21

6.491+/-3.601 χ^2/NDF : 15.7/11

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7892.654+/-2.876 χ^2/NDF : 164408.9/9

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

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

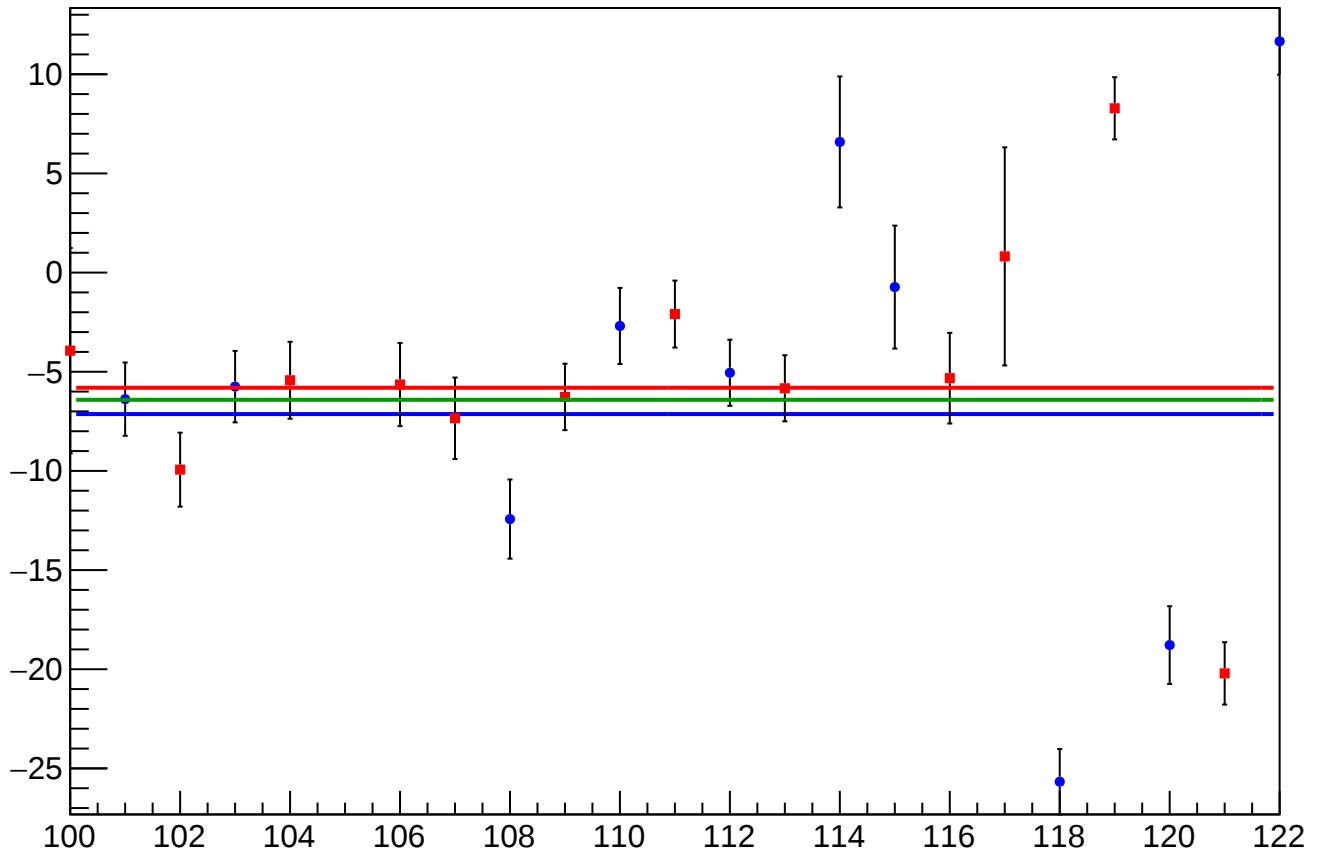
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7892.654+/-2.876 χ^2/NDF : 164408.9/9

7625.144+/-1.907 χ^2/NDF : 402427.6/21

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

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -7.134 ± 0.613 χ^2/NDF : 323.0/9

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

Right Out: -5.807 ± 0.563 χ^2/NDF : 176.7/11

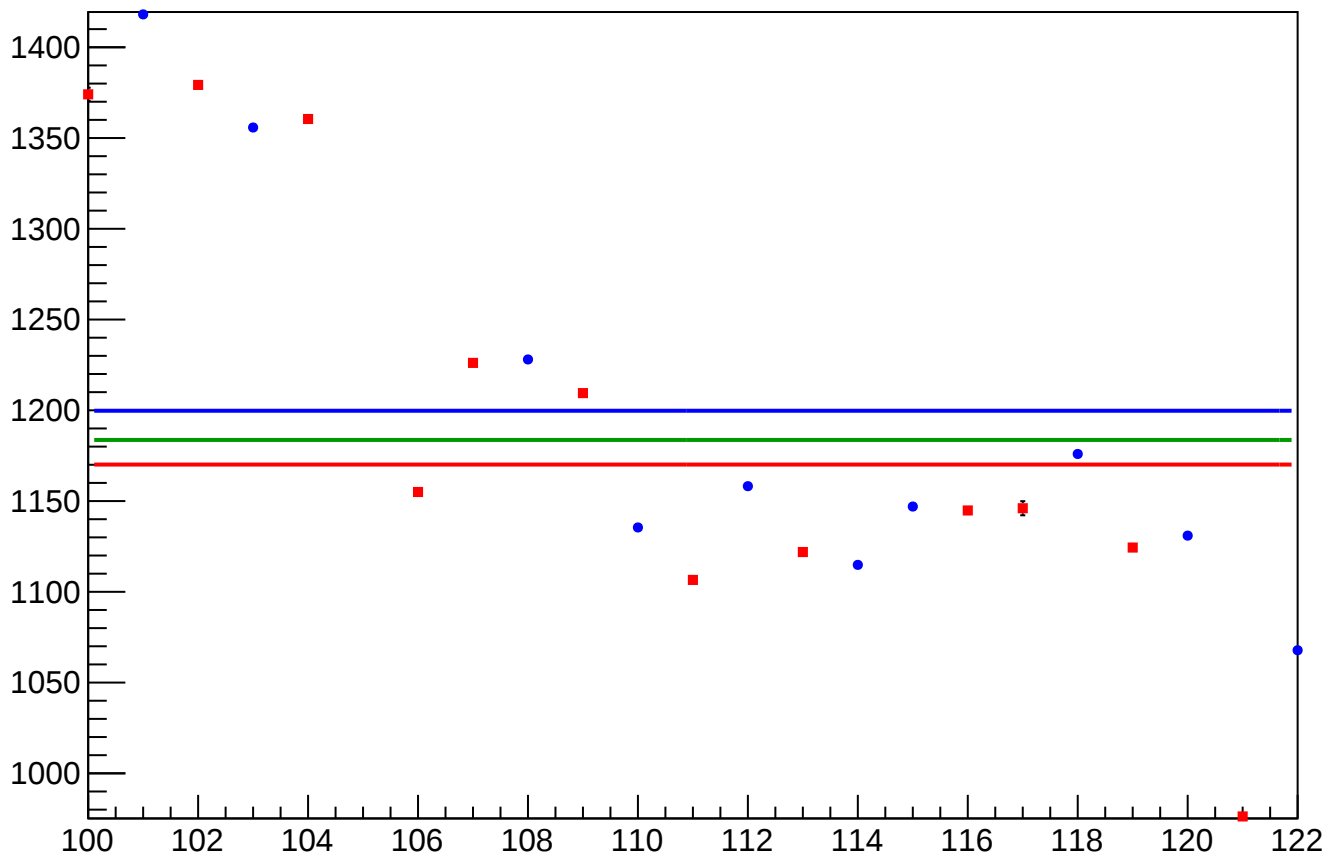
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.134 ± 0.613 χ^2/NDF : 323.0/9

-6.414 ± 0.415 χ^2/NDF : 502.2/21

-5.807 ± 0.563 χ^2/NDF : 176.7/11

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1199.759 $\pm$ 0.433 χ^2 /NDF: 63912.5/9

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

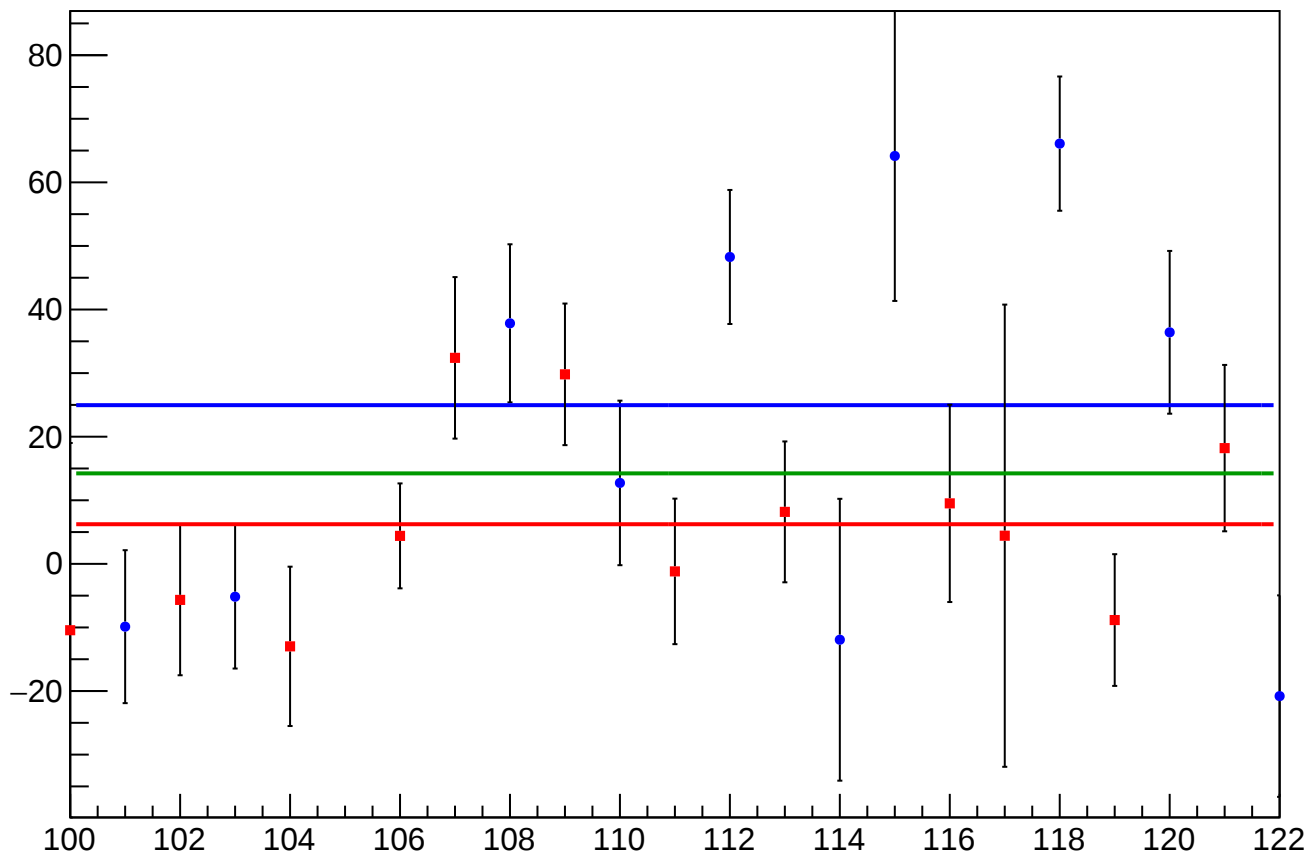
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1199.759 $\pm$ 0.433 χ^2 /NDF: 63912.5/9

1183.670 $\pm$ 0.293 χ^2 /NDF: 153574.6/21

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

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.960 $\pm$ 4.109 χ^2 /NDF: 52.4/9

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

Right Out: 6.234 $\pm$ 3.548 χ^2 /NDF: 15.9/11

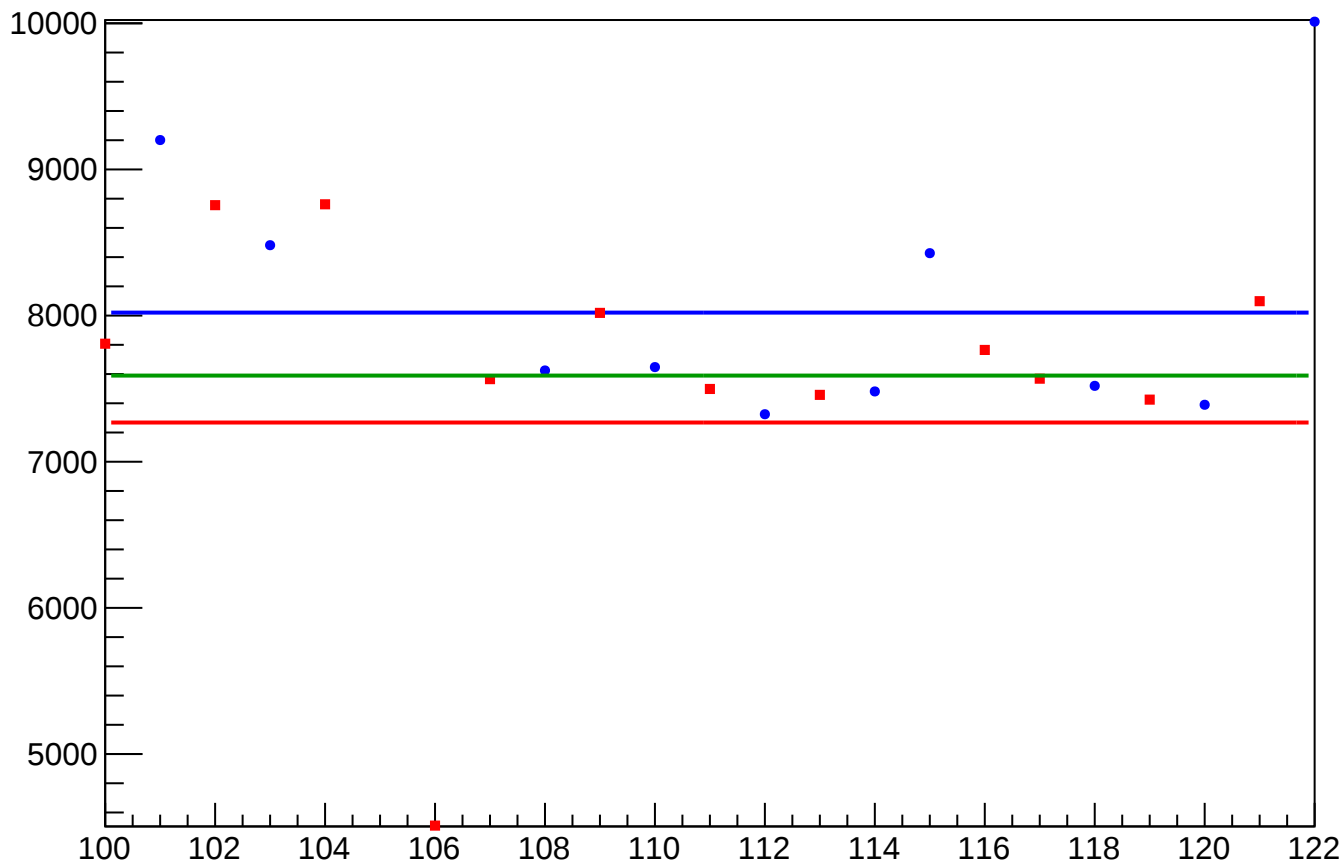
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.960 $\pm$ 4.109 χ^2 /NDF: 52.4/9

14.231 $\pm$ 2.685 χ^2 /NDF: 80.2/21

6.234 $\pm$ 3.548 χ^2 /NDF: 15.9/11

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8020.455+/-2.906 χ^2/NDF : 77759.7/9

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

Right Out: 7268.362+/-2.509 χ^2/NDF : 306256.5/11

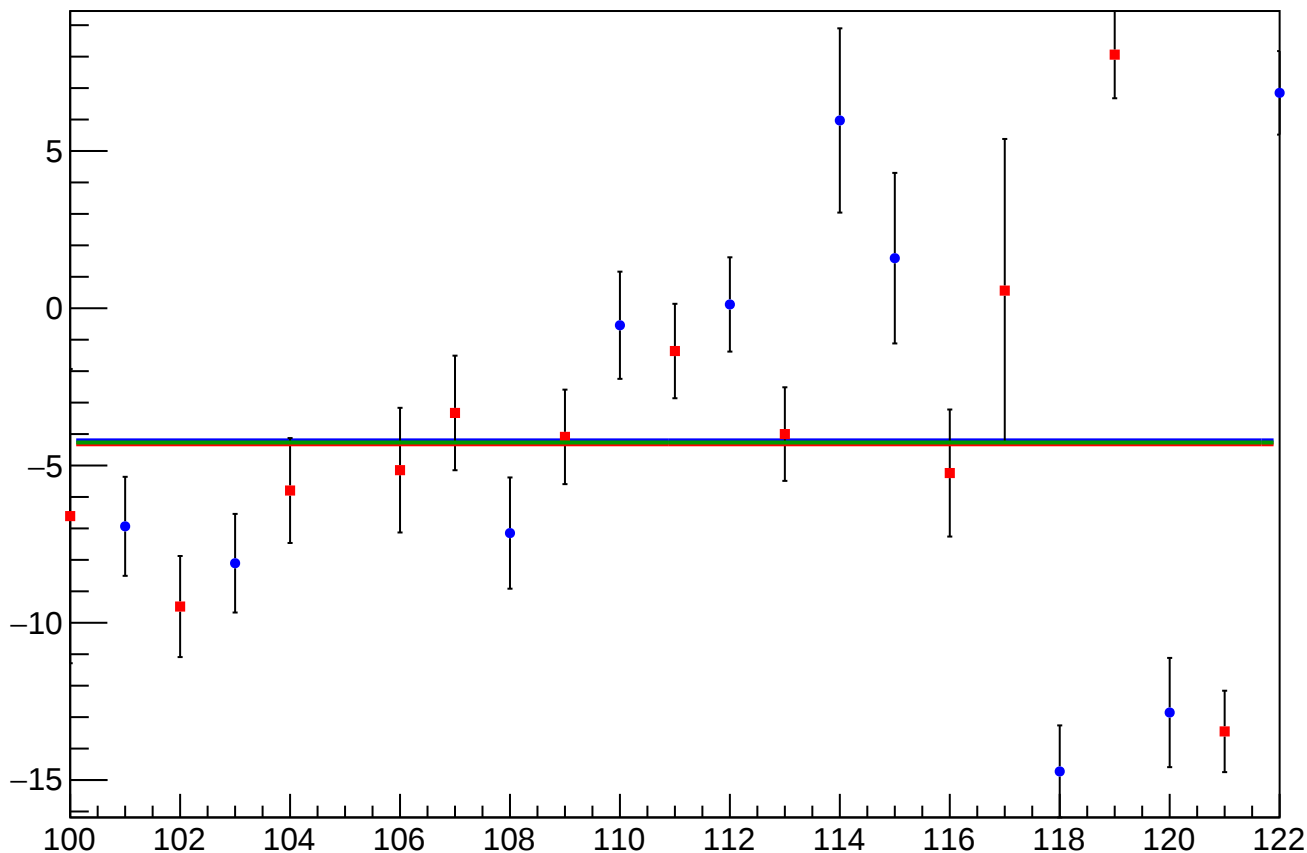
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8020.455+/-2.906 χ^2/NDF : 77759.7/9

7589.546+/-1.899 χ^2/NDF : 422398.9/21

7268.362+/-2.509 χ^2/NDF : 306256.5/11

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.201 $\pm$ 0.532 χ^2 /NDF: 187.3/9

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

Right Out: -4.325 $\pm$ 0.494 χ^2 /NDF: 146.5/11

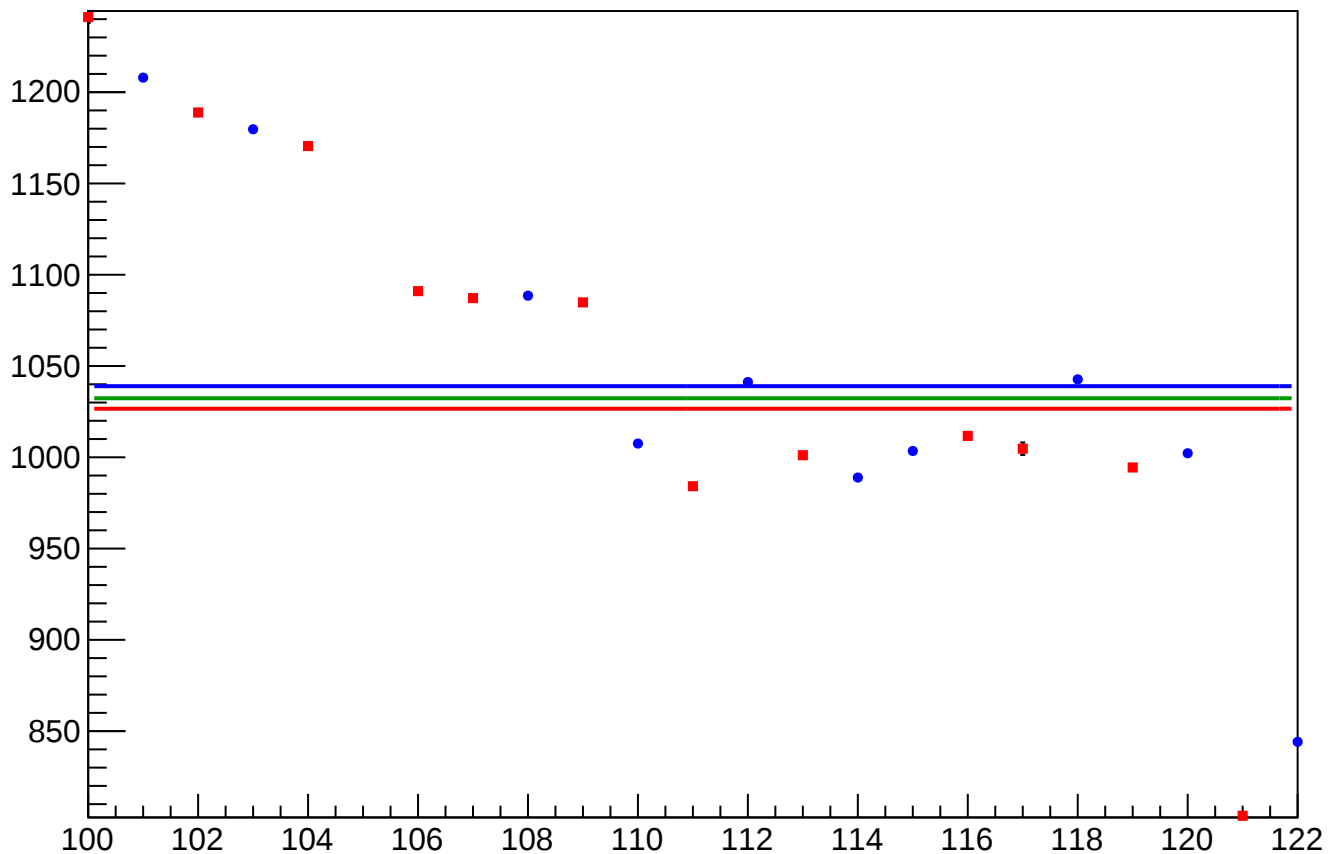
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-4.201 $\pm$ 0.532 χ^2 /NDF: 187.3/9

-4.267 $\pm$ 0.362 χ^2 /NDF: 333.9/21

-4.325 $\pm$ 0.494 χ^2 /NDF: 146.5/11

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1038.960 $\pm$ 0.376 χ^2 /NDF: 86278.3/9

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

Right Out: 1026.617 $\pm$ 0.350 χ^2 /NDF: 109605.3/11

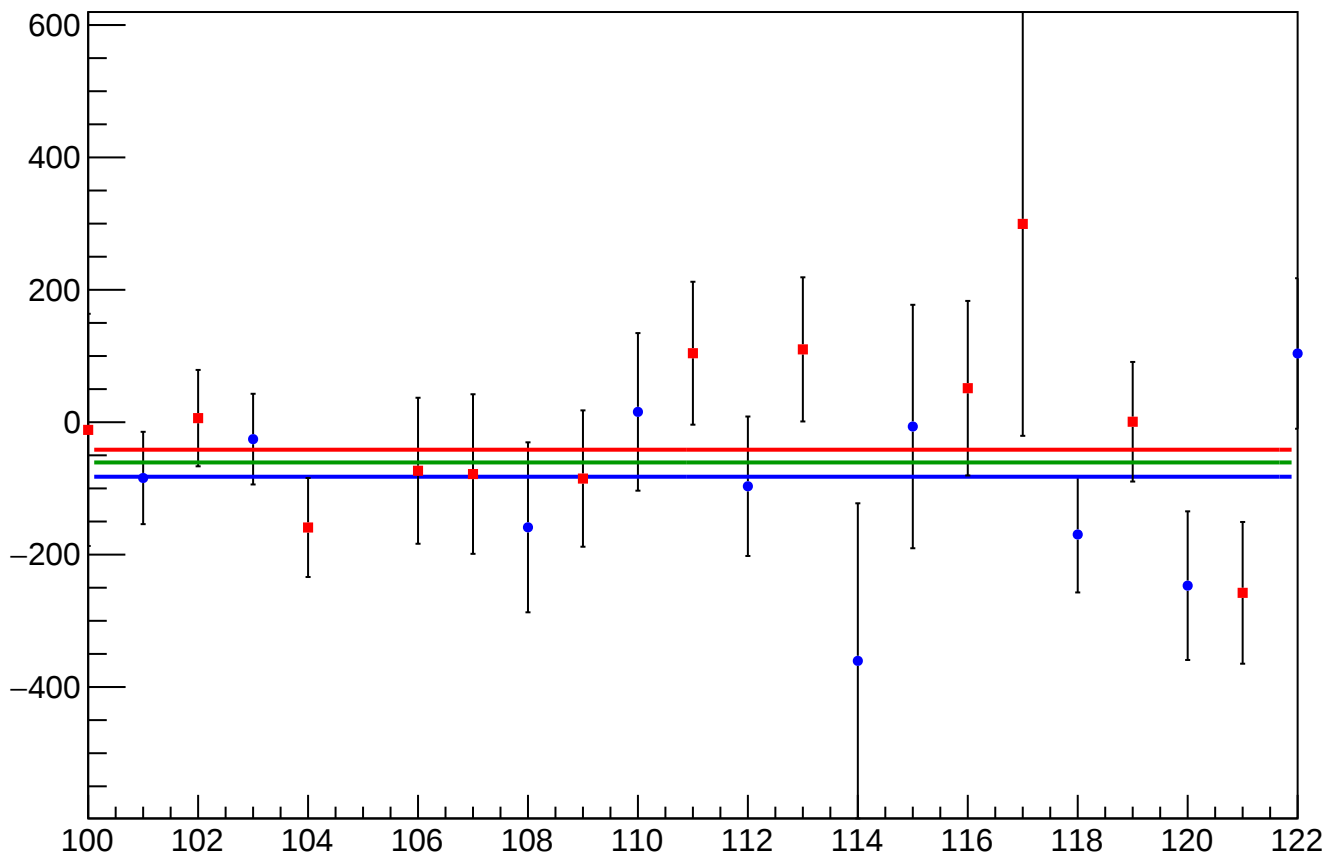
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1038.960 $\pm$ 0.376 χ^2 /NDF: 86278.3/9

1032.340 $\pm$ 0.256 χ^2 /NDF: 196461.8/21

1026.617 $\pm$ 0.350 χ^2 /NDF: 109605.3/11

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -82.342 ± 32.032 χ^2/NDF : 9.1/9

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

Right Out: -41.527 ± 30.253 χ^2/NDF : 13.0/11

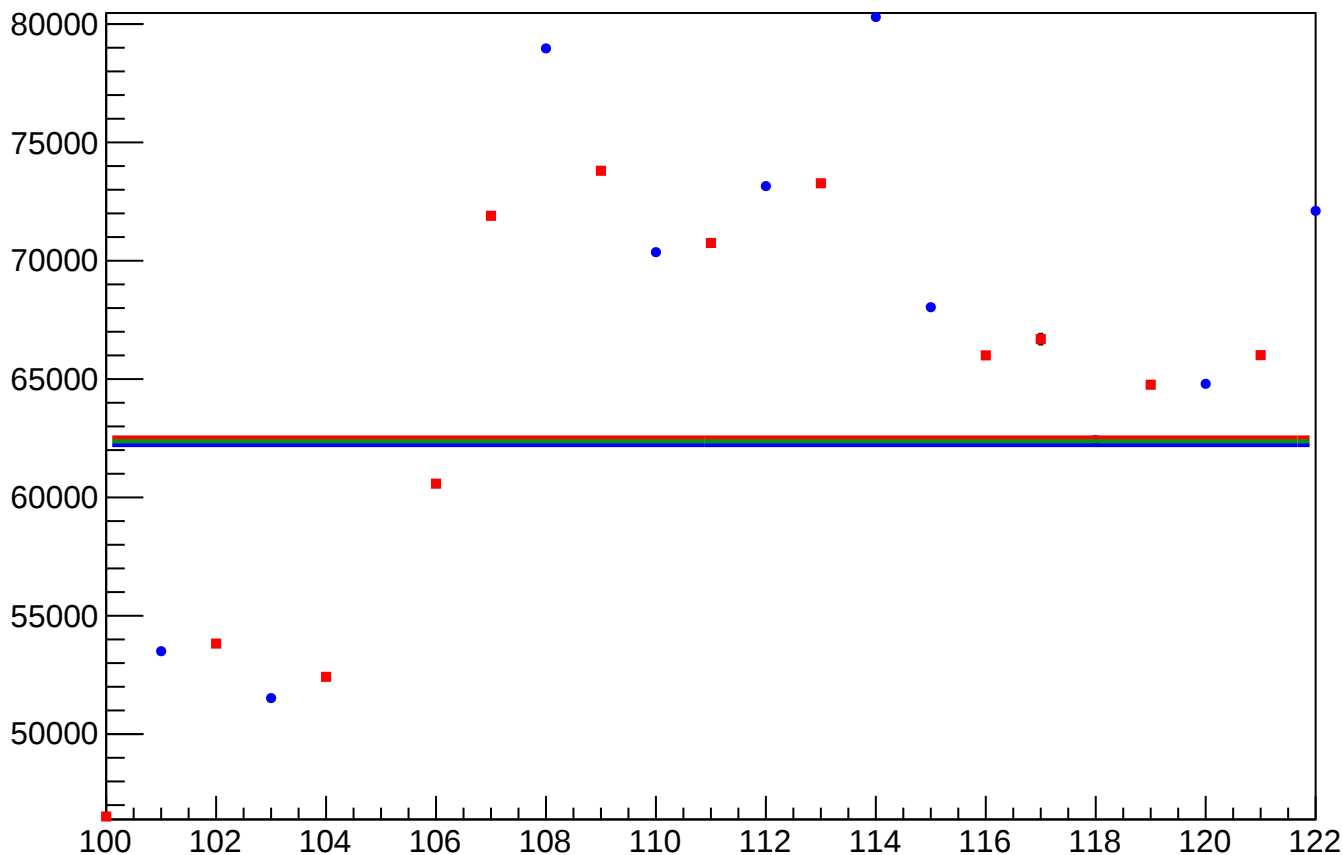
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-82.342 ± 32.032 χ^2/NDF : 9.1/9

-60.770 ± 21.994 χ^2/NDF : 22.9/21

-41.527 ± 30.253 χ^2/NDF : 13.0/11

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 62210.010 $\pm$ 22.650 χ^2 /NDF: 174735.5/9

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

Right Out: 62535.816 $\pm$ 21.392 χ^2 /NDF: 154614.2/11

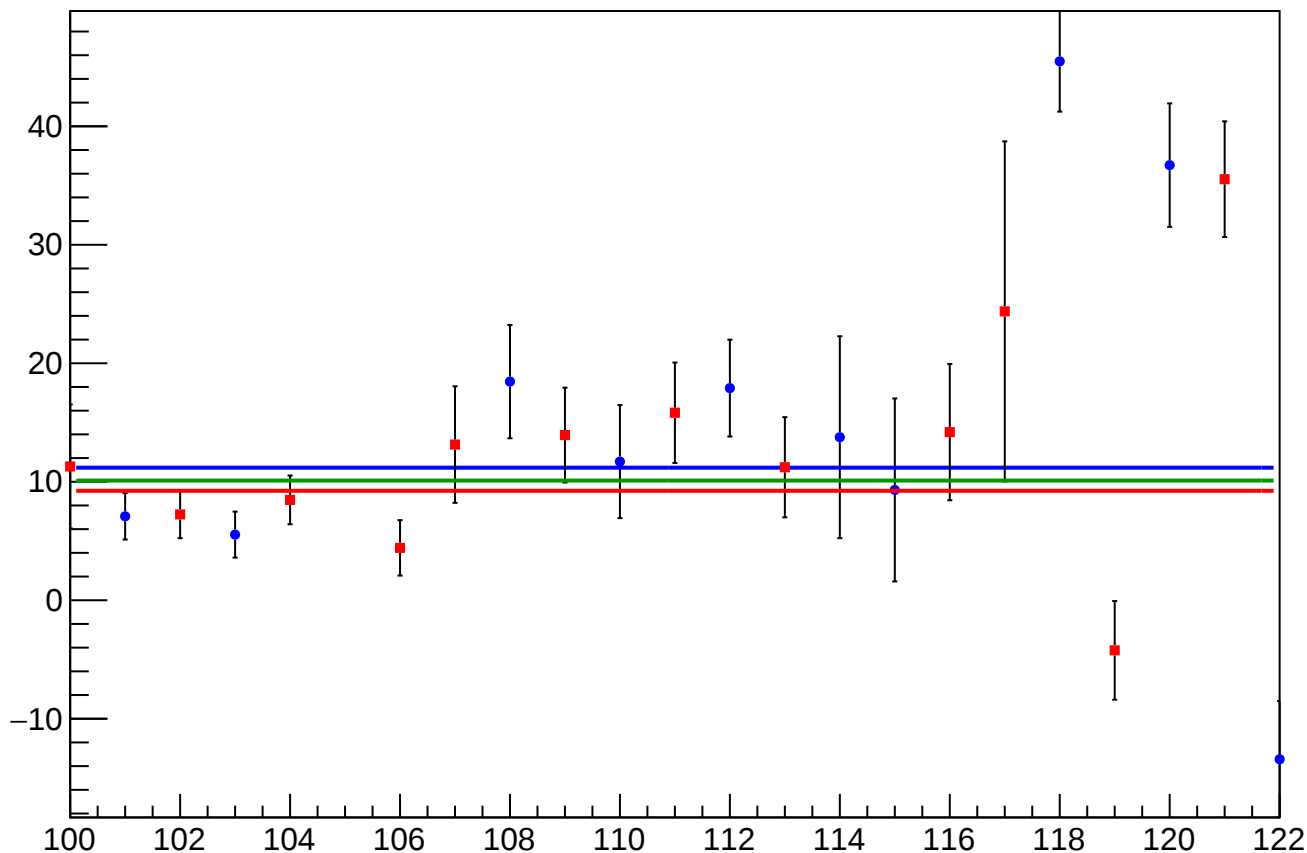
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

62210.010 $\pm$ 22.650 χ^2 /NDF: 174735.5/9

62382.210 $\pm$ 15.552 χ^2 /NDF: 329459.1/2

62535.816 $\pm$ 21.392 χ^2 /NDF: 154614.2/11

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.190 ± 1.093 χ^2/NDF : 132.4/9

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

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

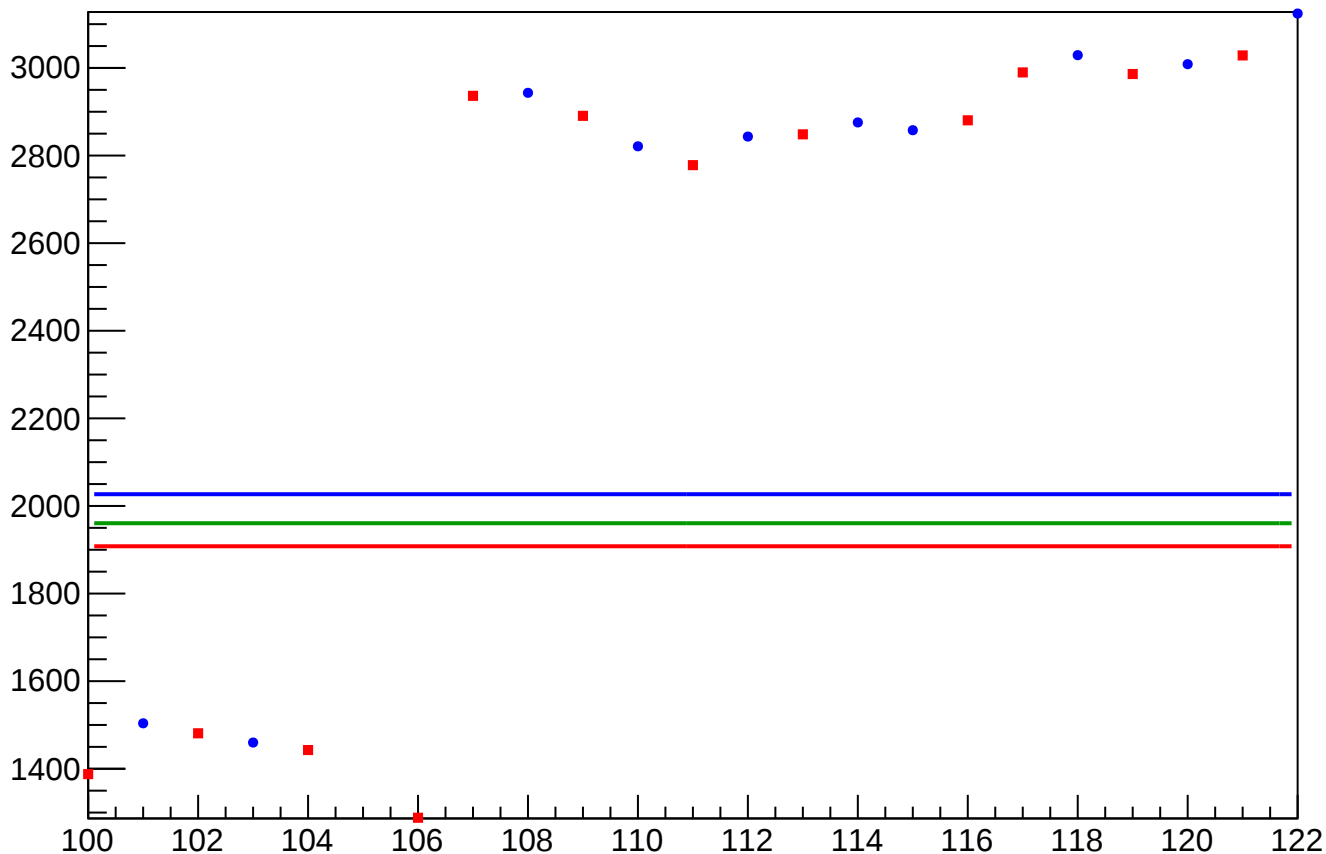
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

11.190 ± 1.093 χ^2/NDF : 132.4/9

10.101 ± 0.727 χ^2/NDF : 185.7/21

9.237 ± 0.974 χ^2/NDF : 51.5/11

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2026.815 $\pm$ 0.773 χ^2 /NDF: 847237.8/9

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

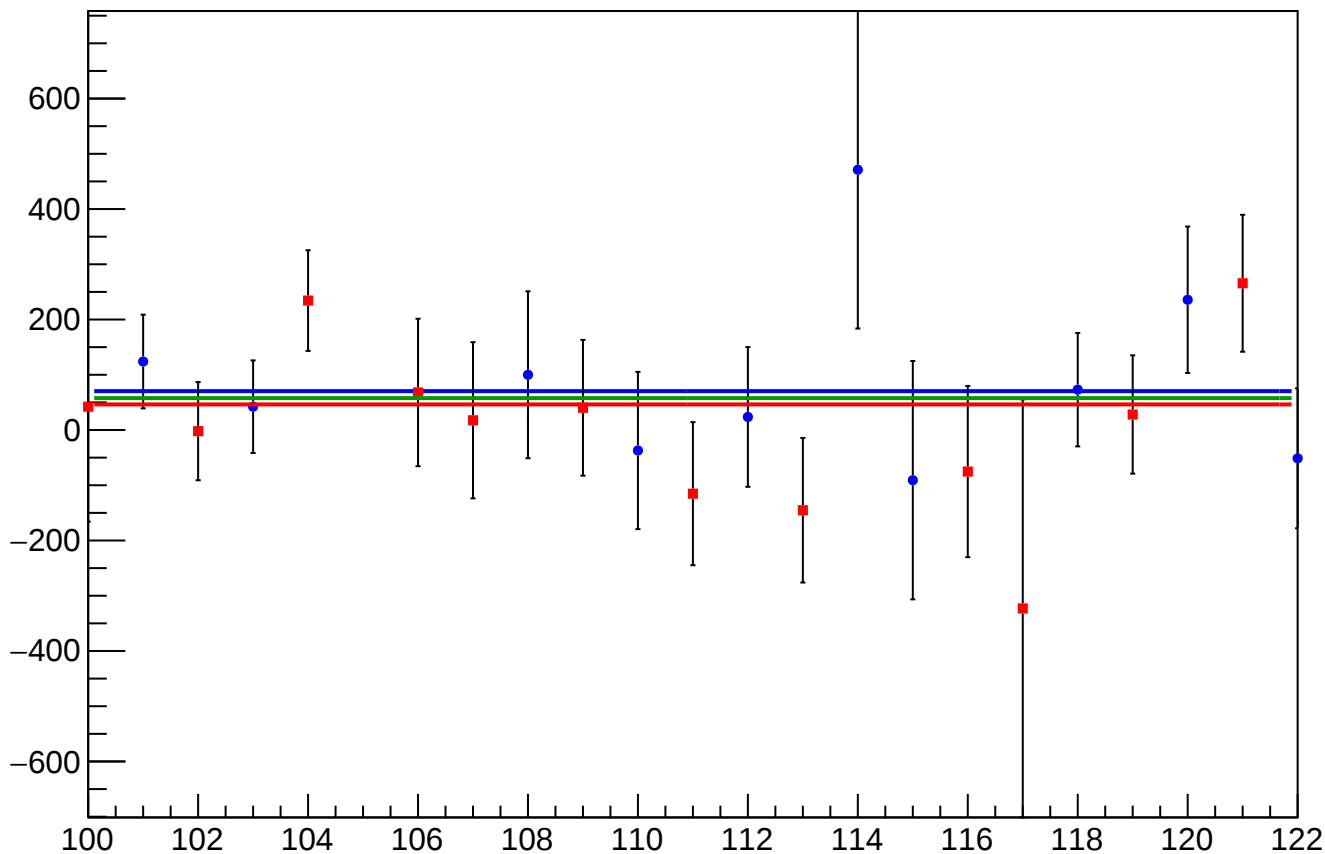
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2026.815 $\pm$ 0.773 χ^2 /NDF: 847237.8/9

1960.577 $\pm$ 0.514 χ^2 /NDF: 1913089.5/21

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

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 70.366+/-38.212 χ^2/NDF : 6.2/9

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

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

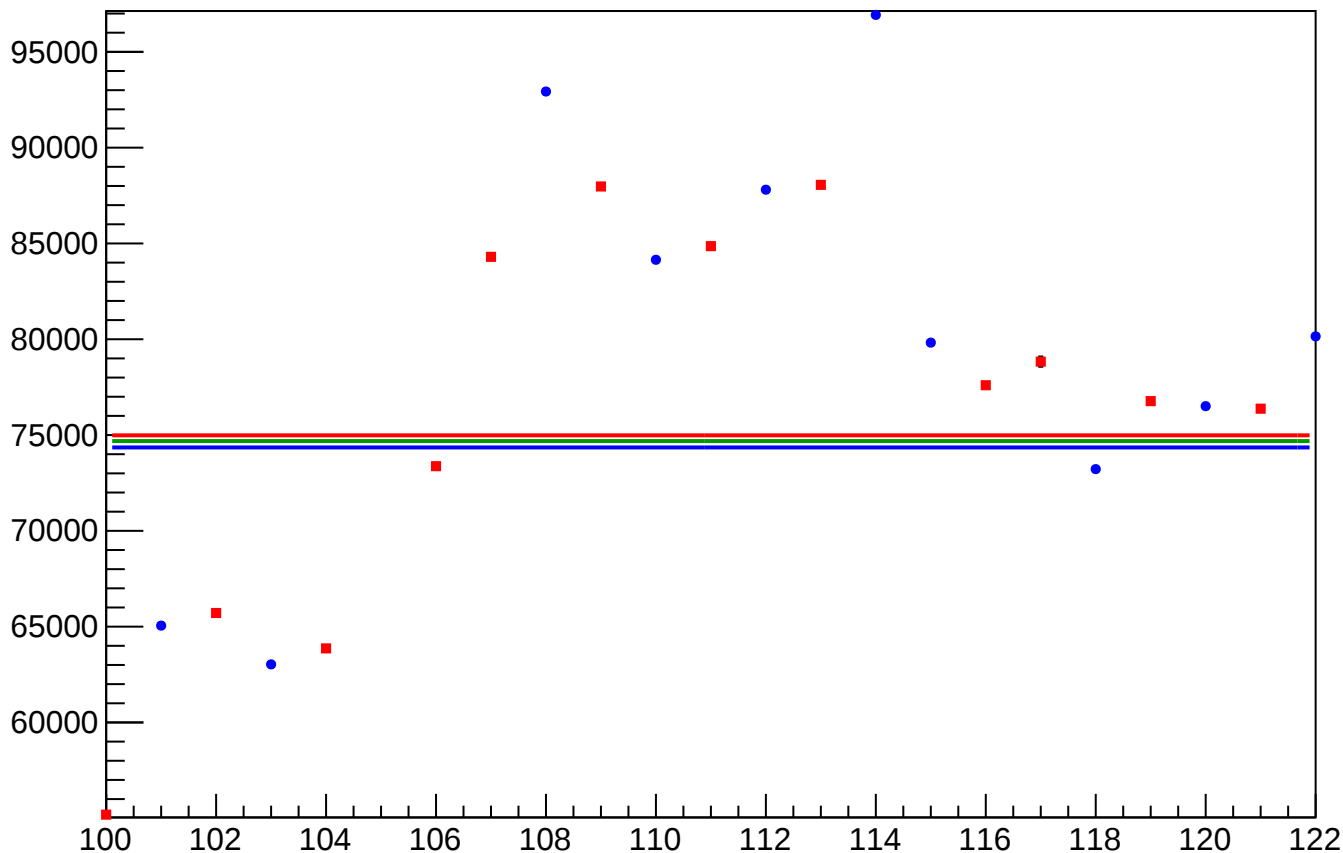
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.366+/-38.212 χ^2/NDF : 6.2/9

57.725+/-26.295 χ^2/NDF : 19.5/21

46.354+/-36.240 χ^2/NDF : 13.0/11

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 74352.873+/-27.020 χ^2/NDF : 141505.8/9

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

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

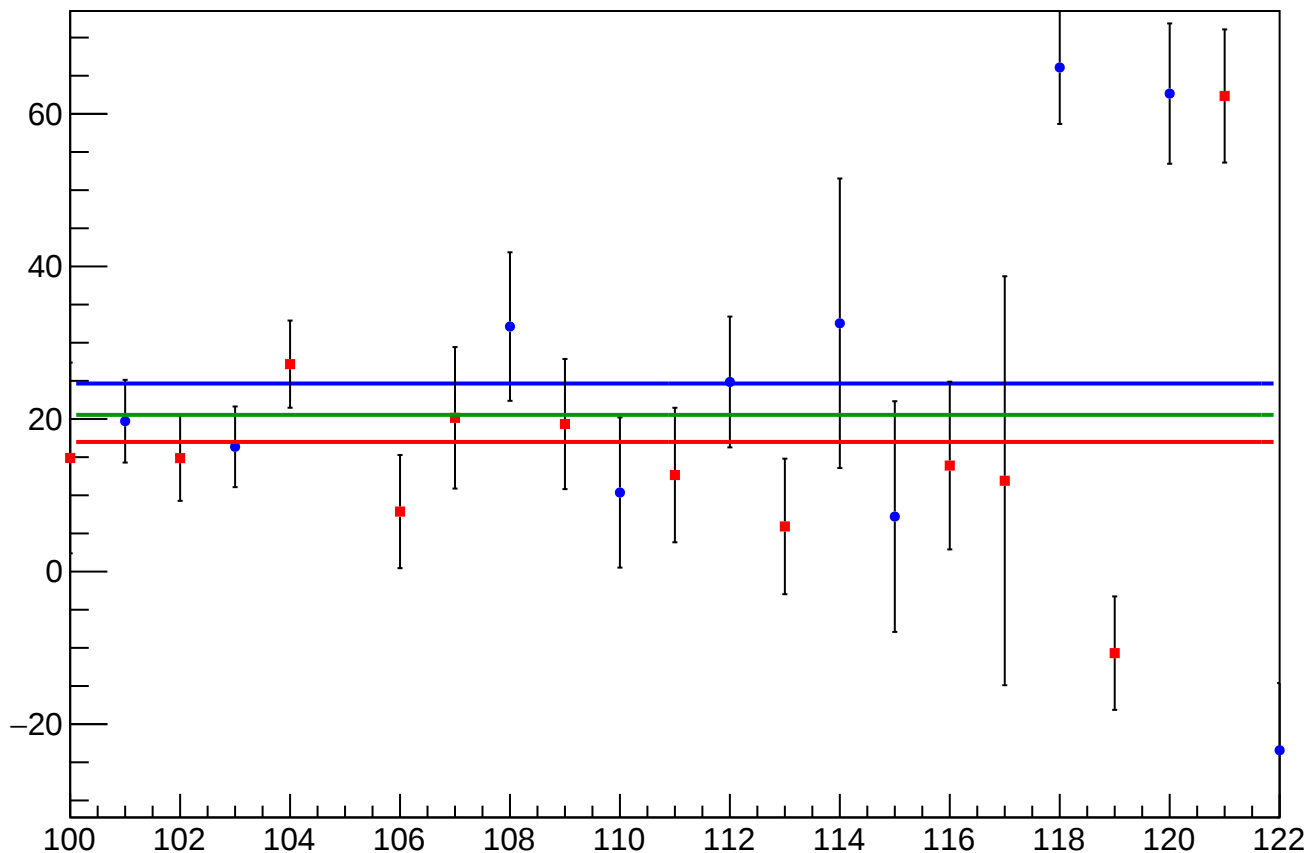
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74352.873+/-27.020 χ^2/NDF : 141505.8/9

74685.618+/-18.594 χ^2/NDF : 275942.8/2

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

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.653 $\pm$ 2.545 χ^2 /NDF: 85.7/9

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

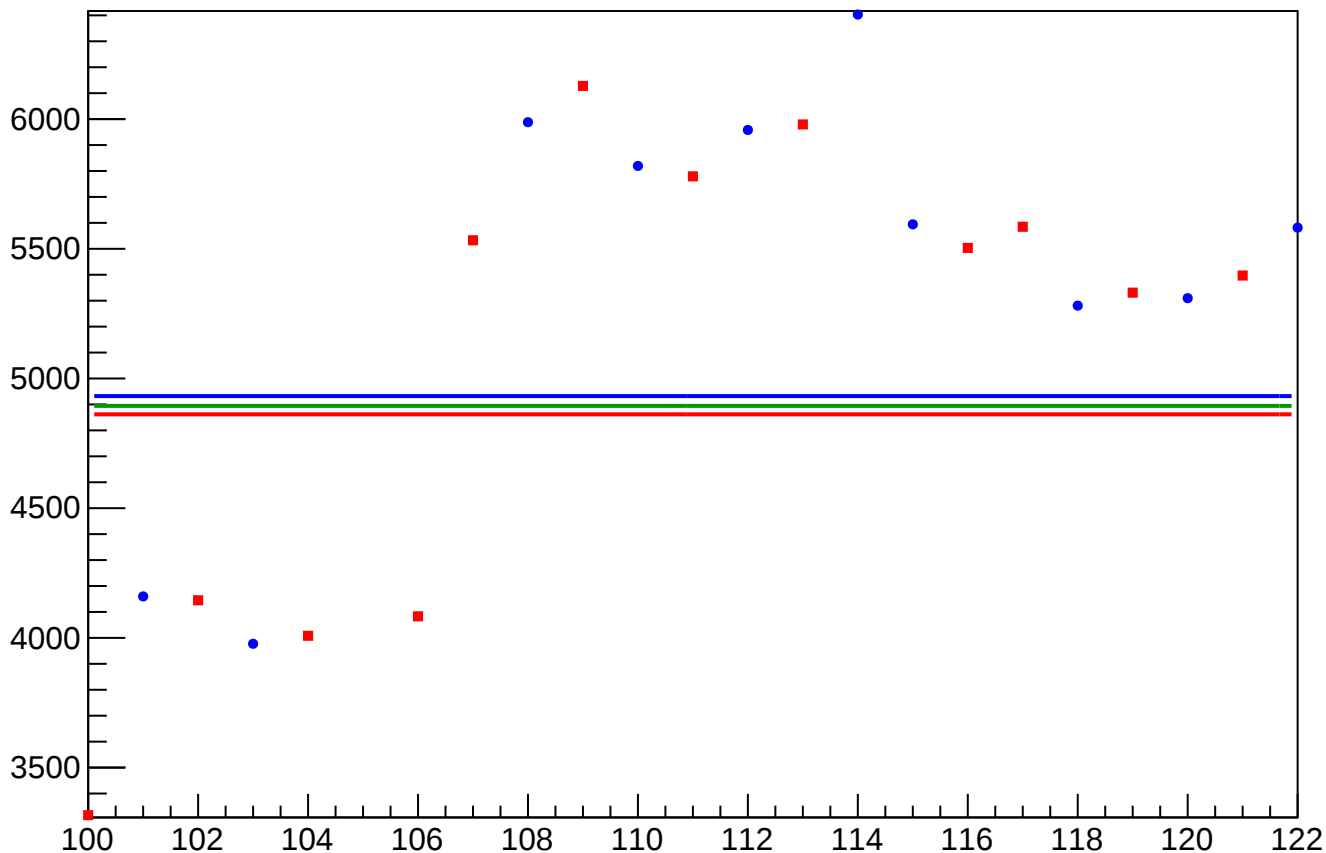
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.653 $\pm$ 2.545 χ^2 /NDF: 85.7/9

20.544 $\pm$ 1.732 χ^2 /NDF: 138.4/21

16.995 $\pm$ 2.365 χ^2 /NDF: 47.8/11

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4932.226+/-1.800 χ^2/NDF : 208786.3/9

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

Right Out: 4861.830+/-1.672 χ^2/NDF : 261527.6/11

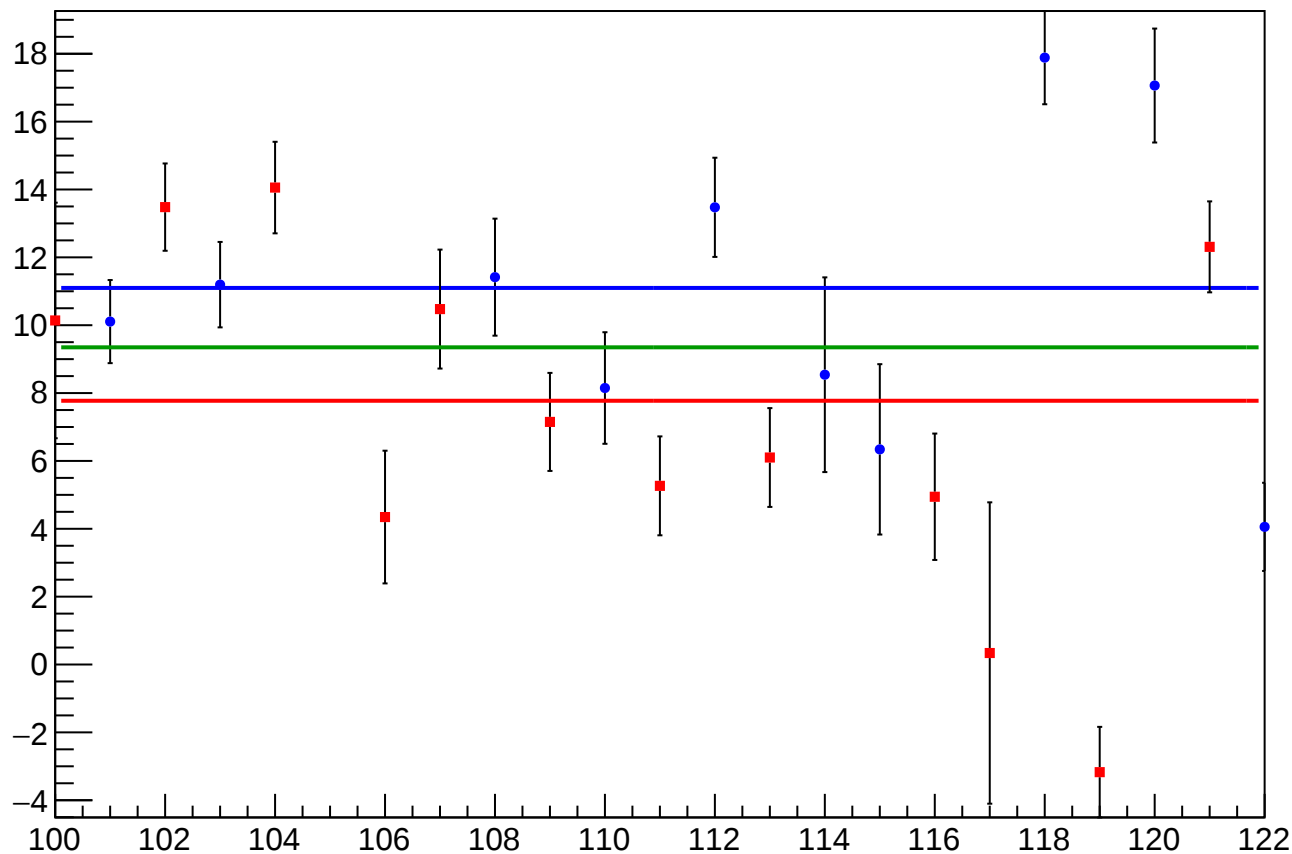
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4932.226+/-1.800 χ^2/NDF : 208786.3/9

4894.450+/-1.225 χ^2/NDF : 471135.1/21

4861.830+/-1.672 χ^2/NDF : 261527.6/11

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.099 $\pm$ 0.486 χ^2/NDF : 77.3/9

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

Right Out: 7.773 $\pm$ 0.461 χ^2/NDF : 135.5/11

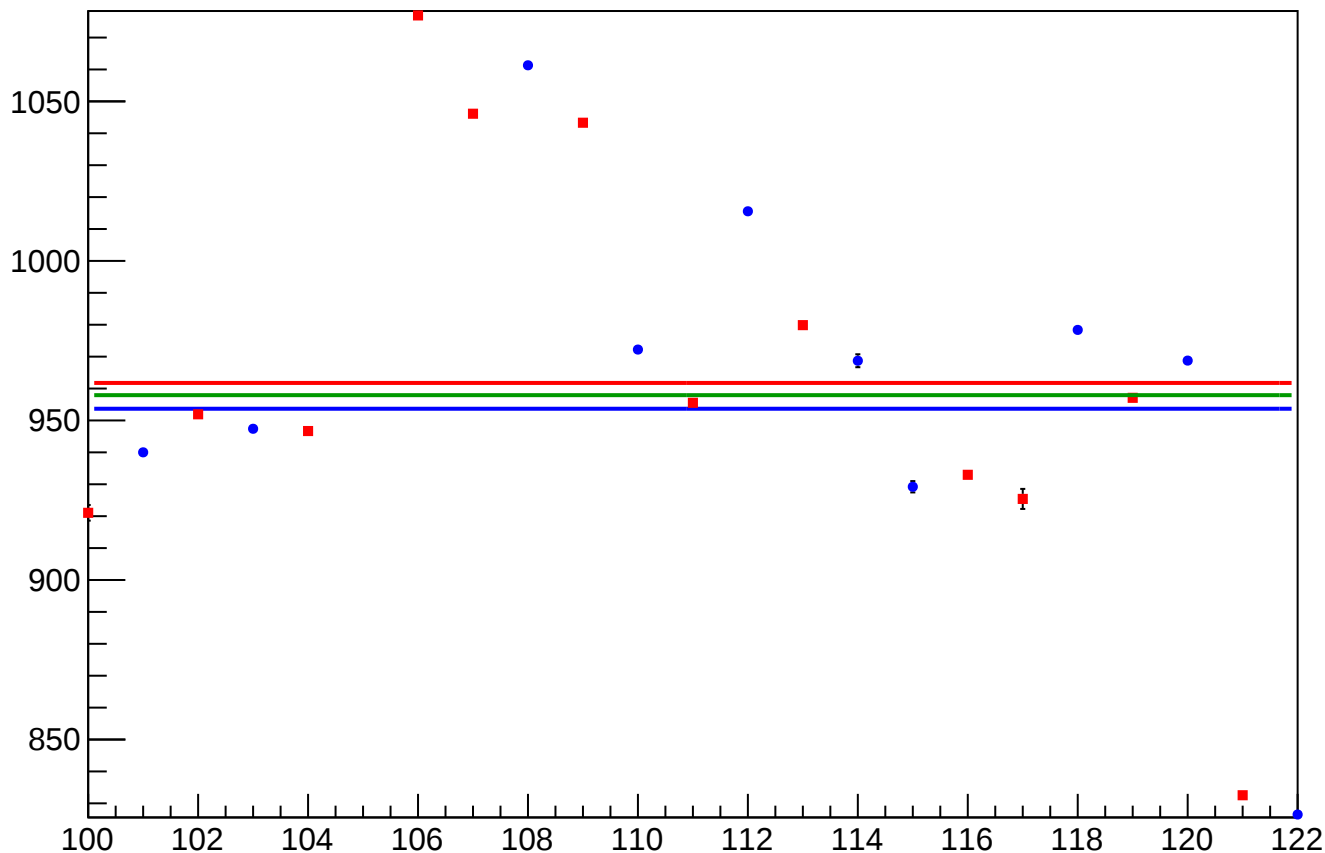
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

11.099 $\pm$ 0.486 χ^2/NDF : 77.3/9

9.348 $\pm$ 0.335 χ^2/NDF : 237.5/21

7.773 $\pm$ 0.461 χ^2/NDF : 135.5/11

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 953.670+/-0.344 χ^2/NDF : 32150.4/9

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

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

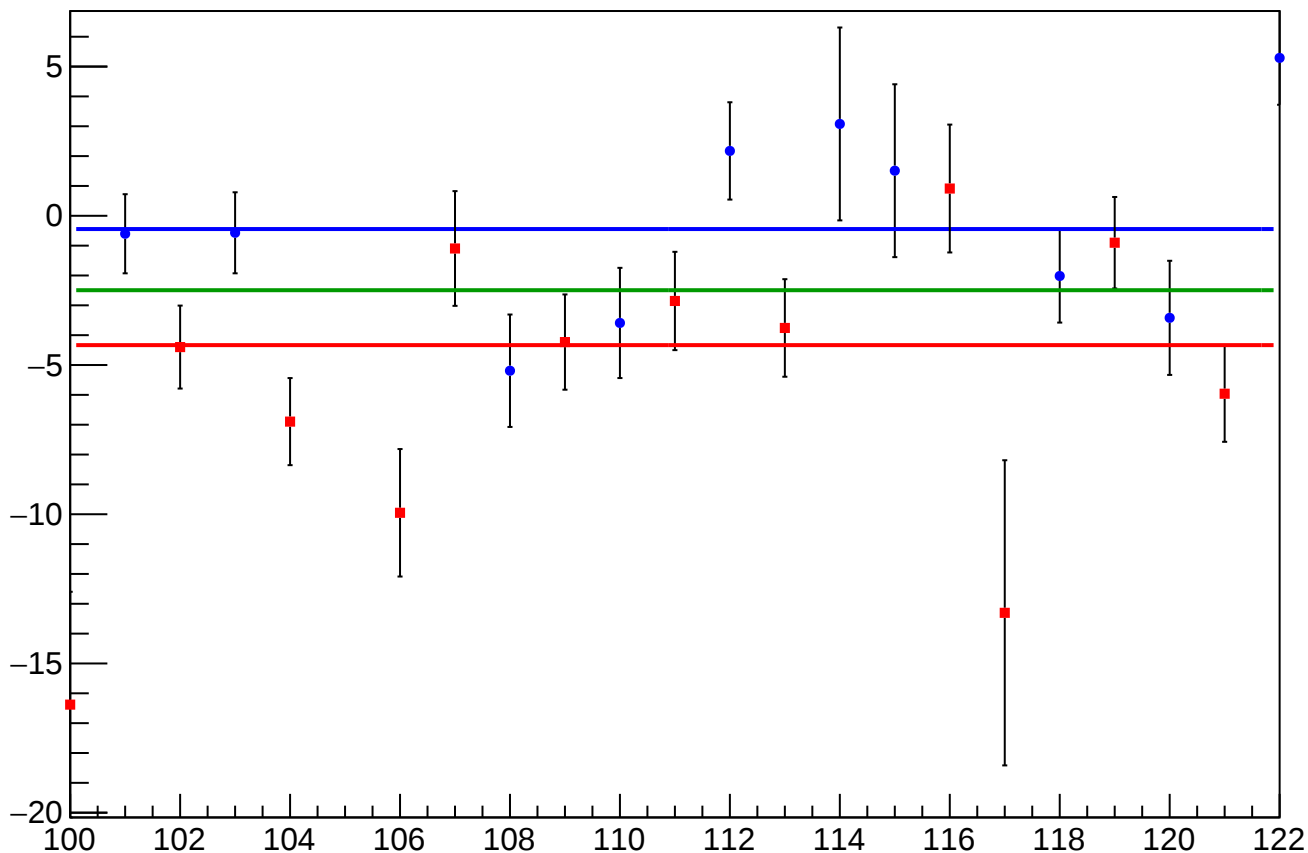
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

953.670+/-0.344 χ^2/NDF : 32150.4/9

957.928+/-0.237 χ^2/NDF : 70589.1/21

961.757+/-0.326 χ^2/NDF : 38147.5/11

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.444+/-0.545 χ^2/NDF : 30.3/9

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

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

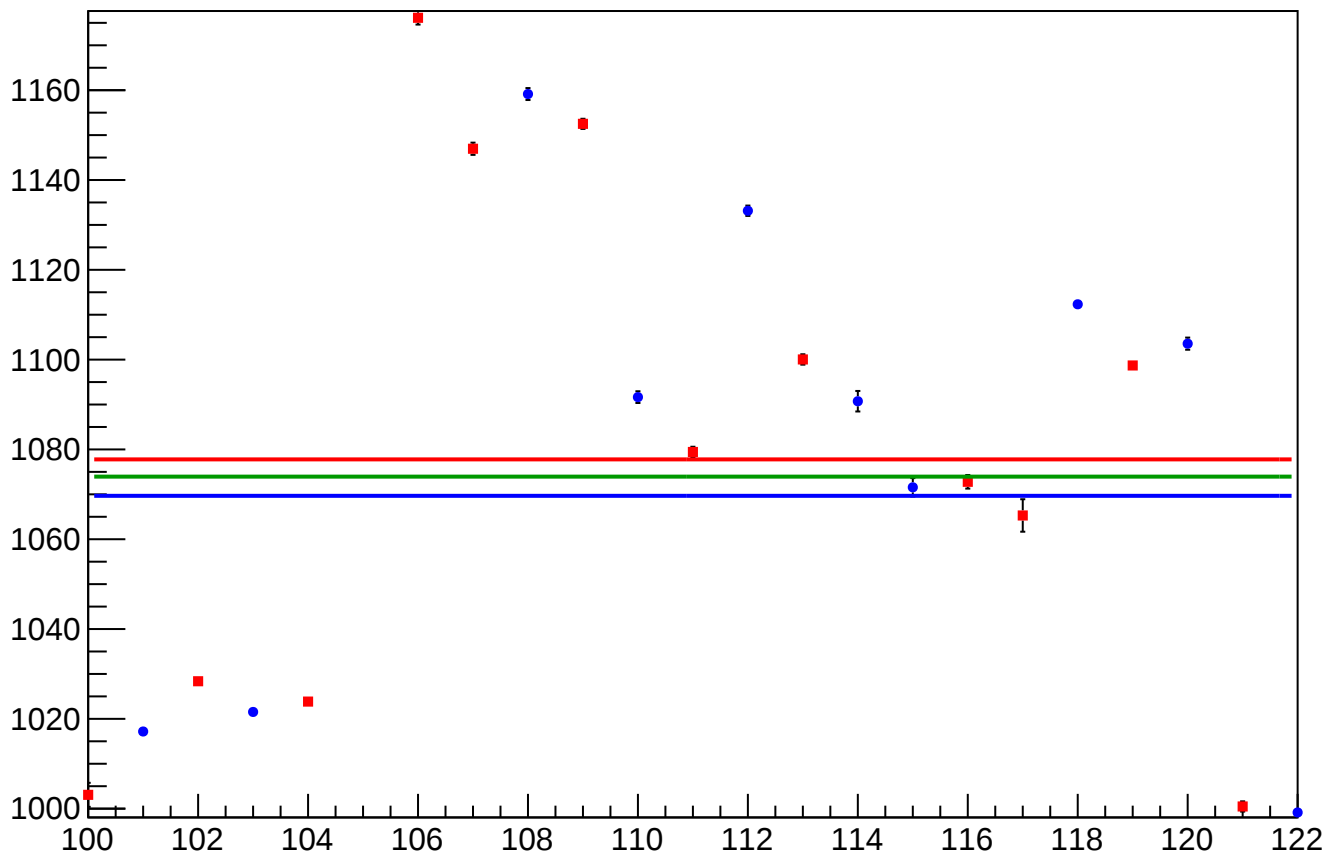
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.444+/-0.545 χ^2/NDF : 30.3/9

-2.493+/-0.375 χ^2/NDF : 96.1/21

-4.333+/-0.516 χ^2/NDF : 39.0/11

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1069.668 $\pm$ 0.385 χ^2 /NDF: 19716.8/9

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

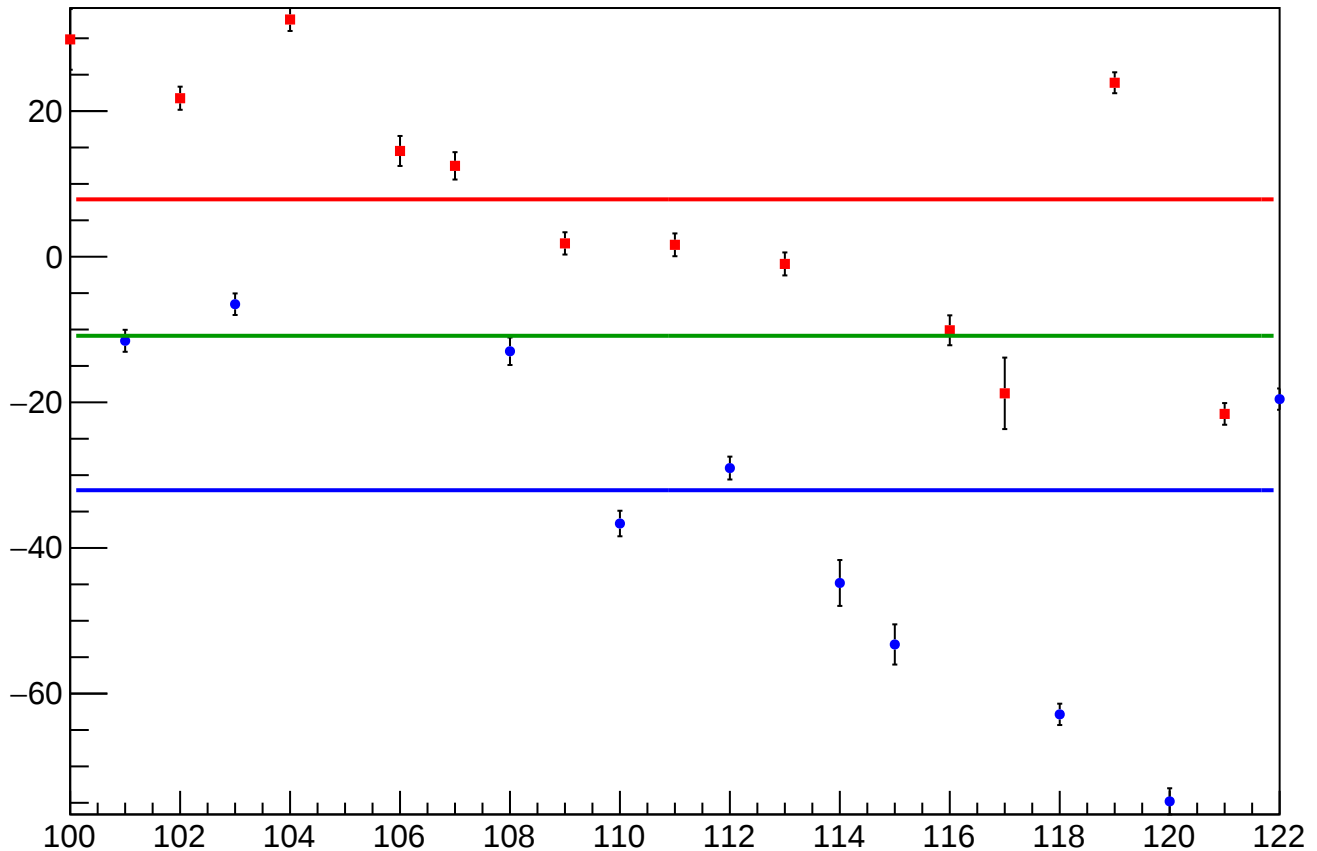
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1069.668 $\pm$ 0.385 χ^2 /NDF: 19716.8/9

1073.943 $\pm$ 0.265 χ^2 /NDF: 42576.0/21

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

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -32.069 ± 0.544 χ^2/NDF : 1749.1/9

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

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

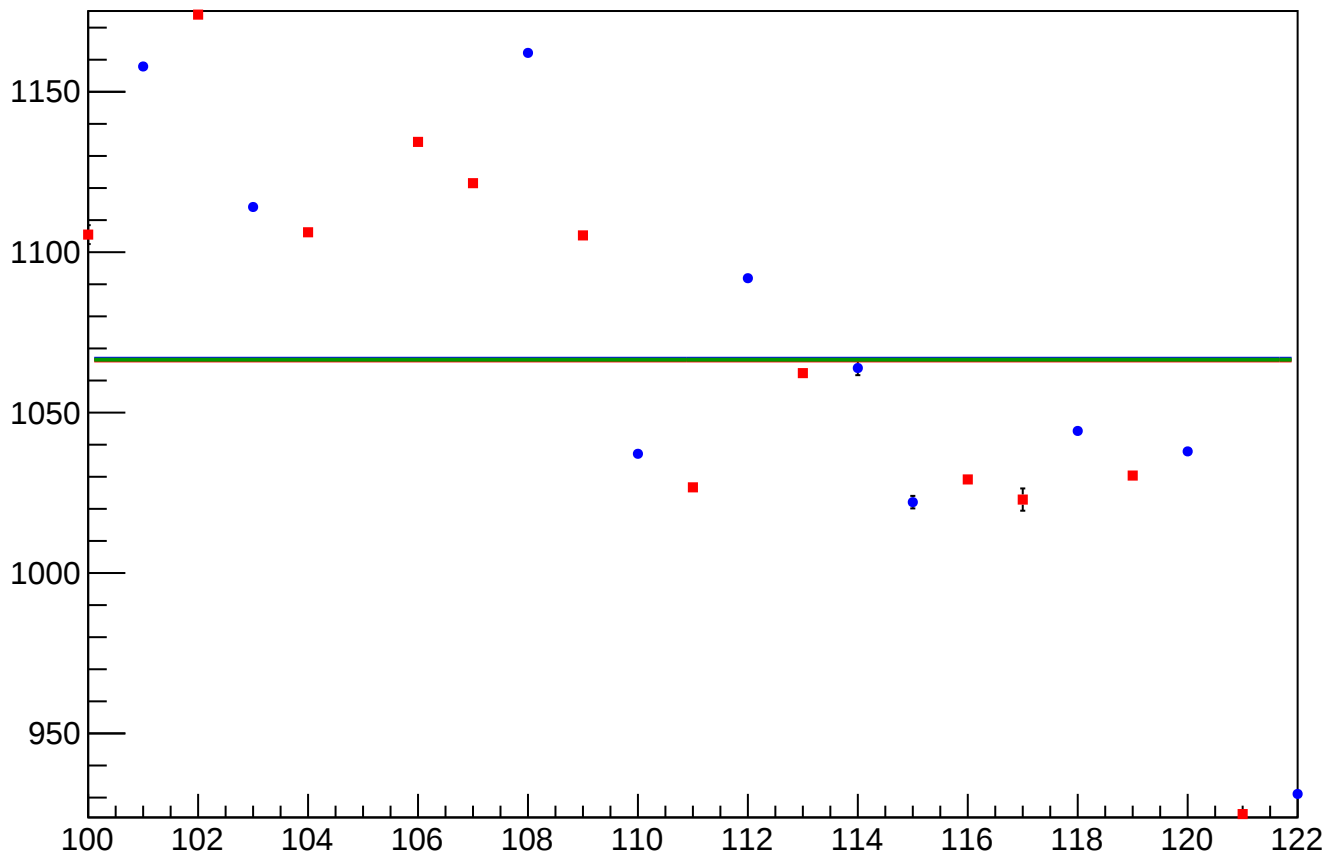
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.069 ± 0.544 χ^2/NDF : 1749.1/9

-10.859 ± 0.373 χ^2/NDF : 5663.4/21

7.879 ± 0.511 χ^2/NDF : 1051.1/11

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1066.782 $\pm$ 0.385 χ^2 /NDF: 34205.5/9

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

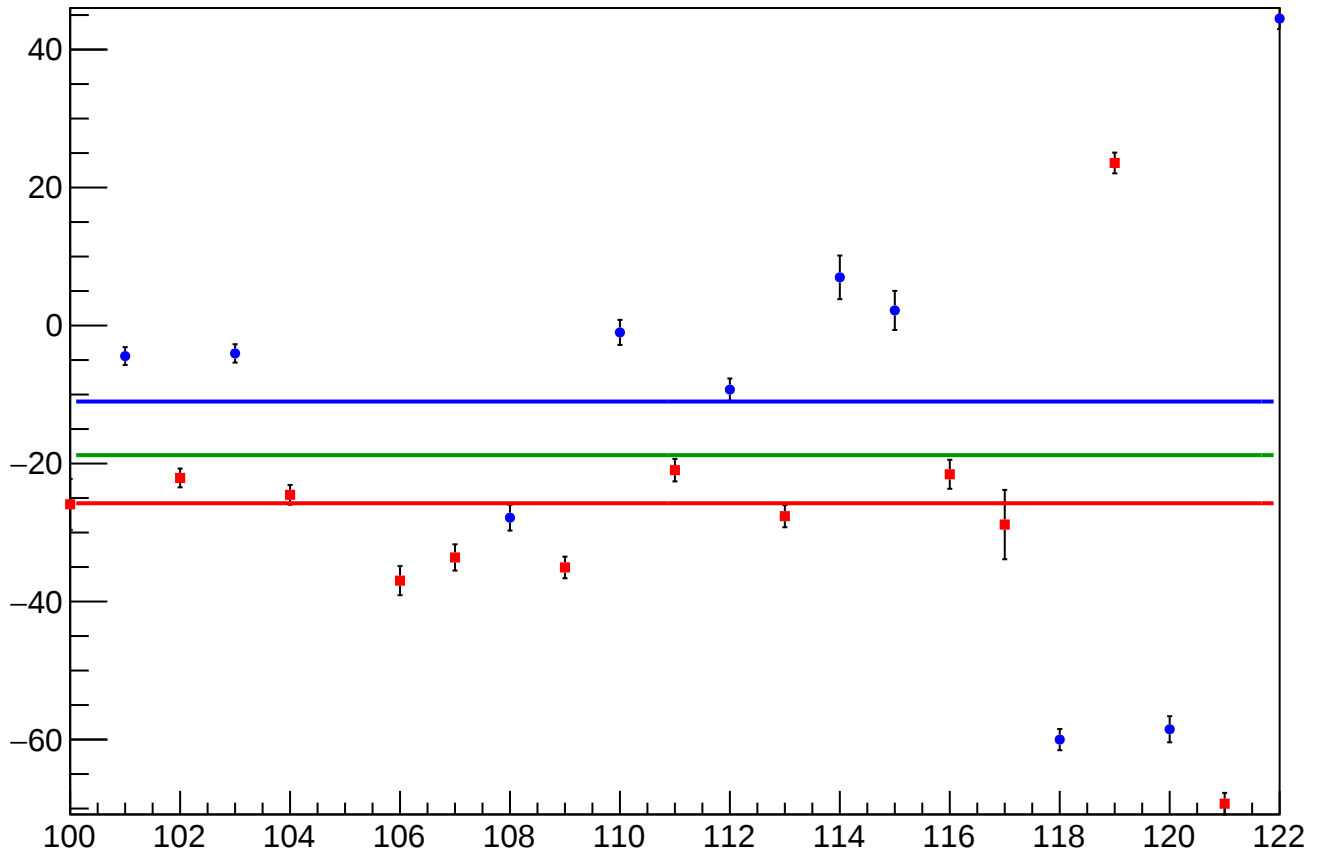
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1066.782 $\pm$ 0.385 χ^2 /NDF: 34205.5/9

1066.508 $\pm$ 0.263 χ^2 /NDF: 71477.8/21

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

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -11.012 ± 0.535 χ^2/NDF : 3189.0/9

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

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

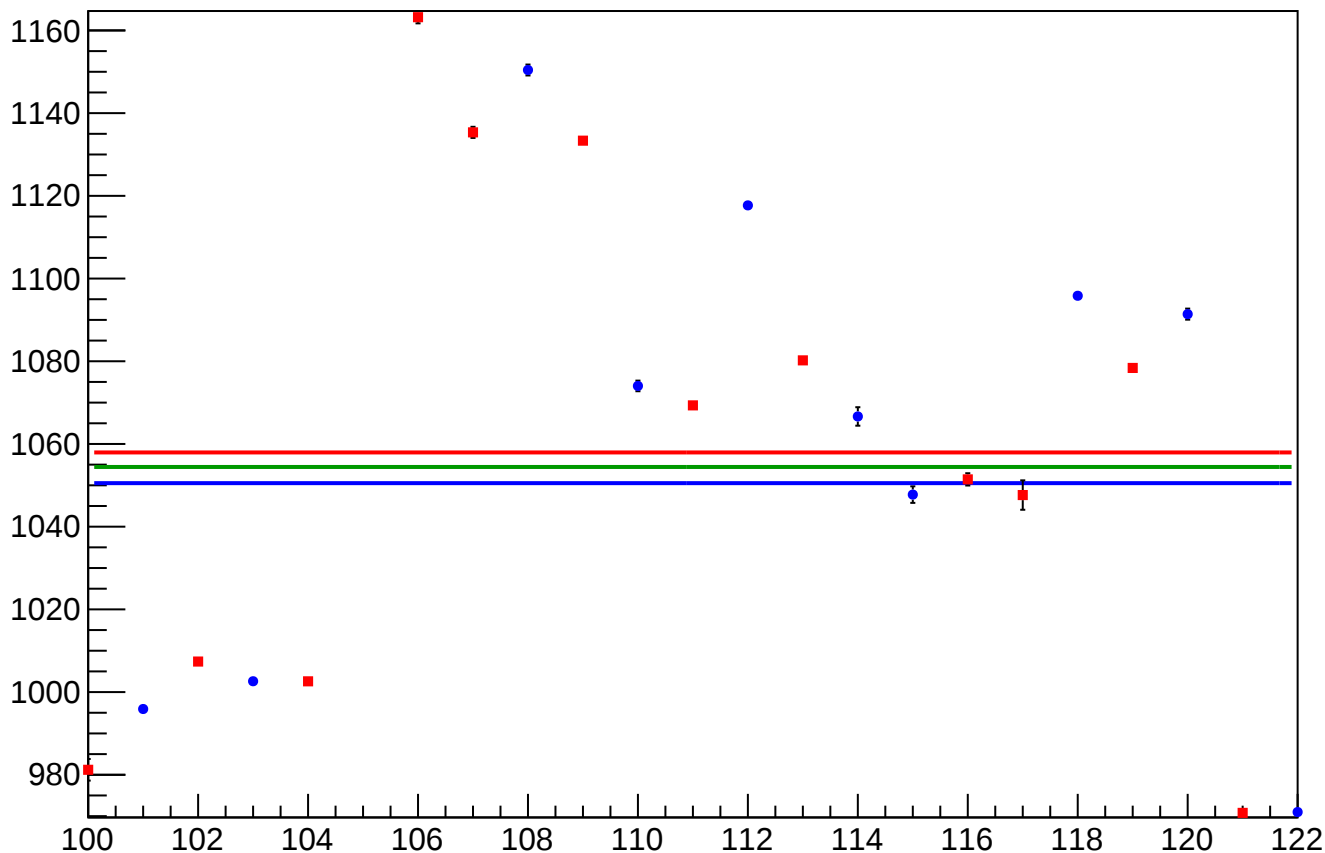
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.012 ± 0.535 χ^2/NDF : 3189.0/9

-18.784 ± 0.368 χ^2/NDF : 5542.6/21

-25.755 ± 0.507 χ^2/NDF : 1953.7/11

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1050.525 $\pm$ 0.379 χ^2 /NDF: 23822.2/9

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

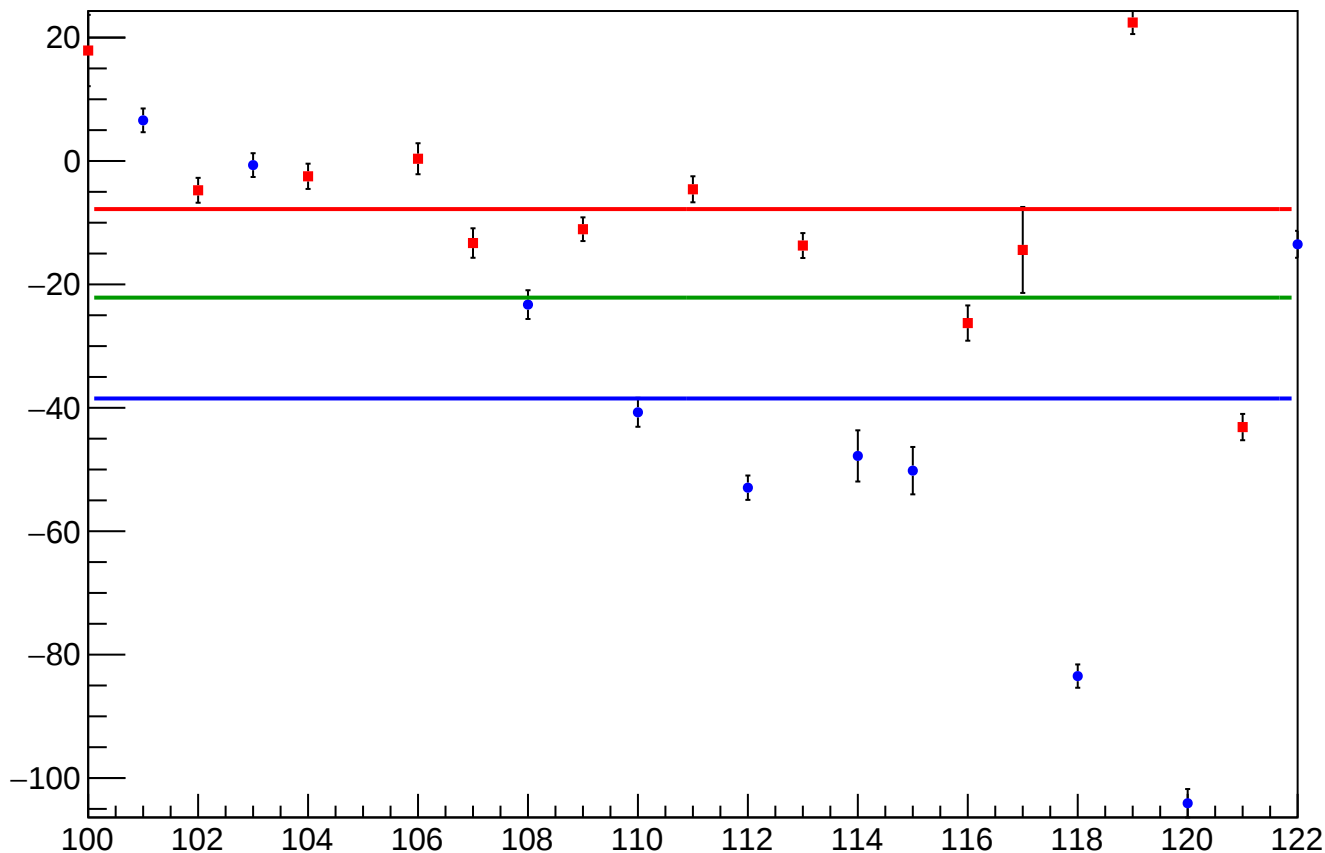
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1050.525 $\pm$ 0.379 χ^2 /NDF: 23822.2/9

1054.439 $\pm$ 0.260 χ^2 /NDF: 50635.2/21

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

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -38.487 ± 0.713 χ^2/NDF : 2554.1/9

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

Right Out: -7.794 ± 0.668 χ^2/NDF : 637.9/11

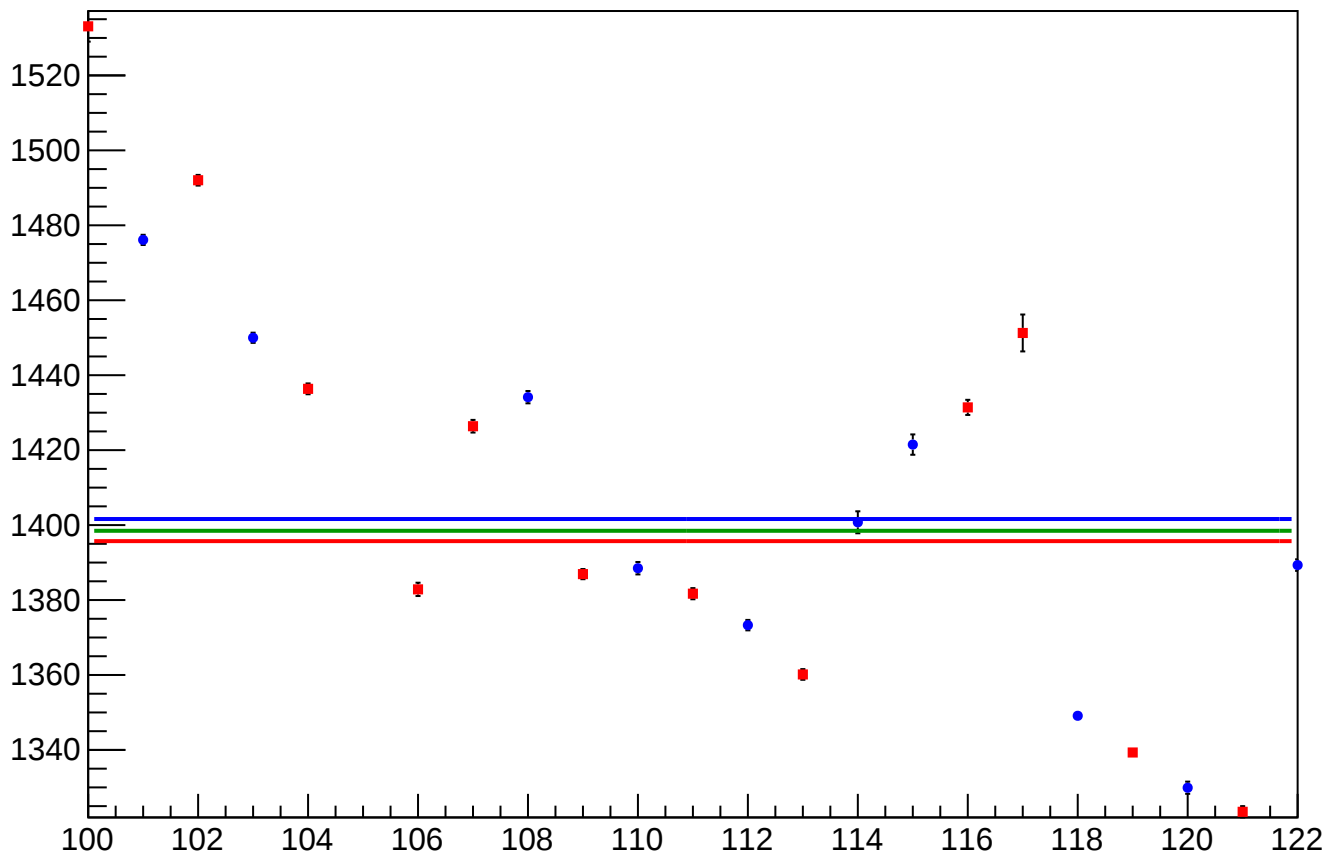
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-38.487 ± 0.713 χ^2/NDF : 2554.1/9

-22.142 ± 0.488 χ^2/NDF : 4178.1/21

-7.794 ± 0.668 χ^2/NDF : 637.9/11

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1401.621+/-0.504 χ^2/NDF : 8721.5/9

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

Right Out: 1395.720+/-0.473 χ^2/NDF : 12173.4/11

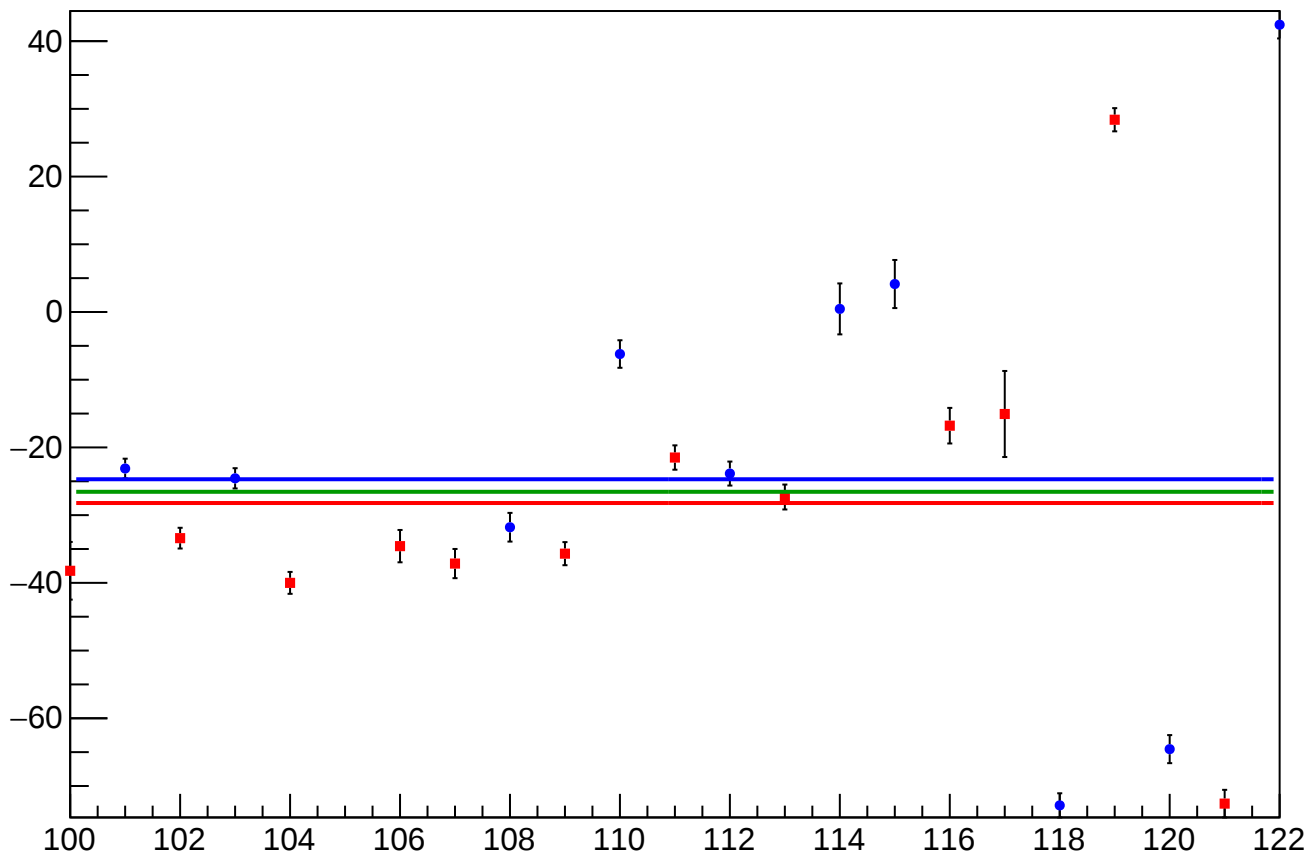
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1401.621+/-0.504 χ^2/NDF : 8721.5/9

1398.479+/-0.345 χ^2/NDF : 20967.8/21

1395.720+/-0.473 χ^2/NDF : 12173.4/11

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -24.700+/-0.615 χ^2/NDF : 2401.1/9

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

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

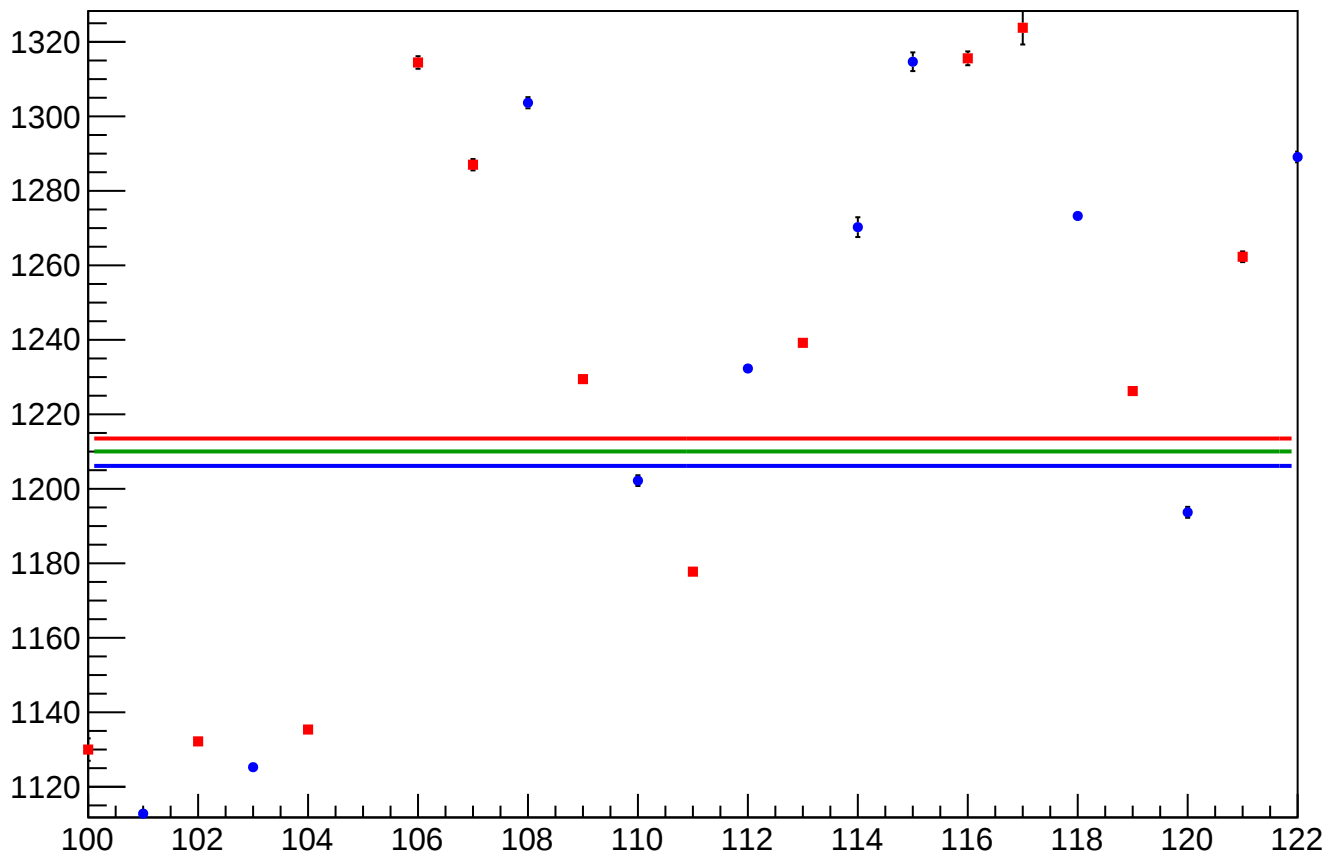
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.700+/-0.615 χ^2/NDF : 2401.1/9

-26.552+/-0.423 χ^2/NDF : 4137.6/21

-28.210+/-0.582 χ^2/NDF : 1719.2/11

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1206.156 $\pm$ 0.435 χ^2 /NDF: 27518.9/9

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

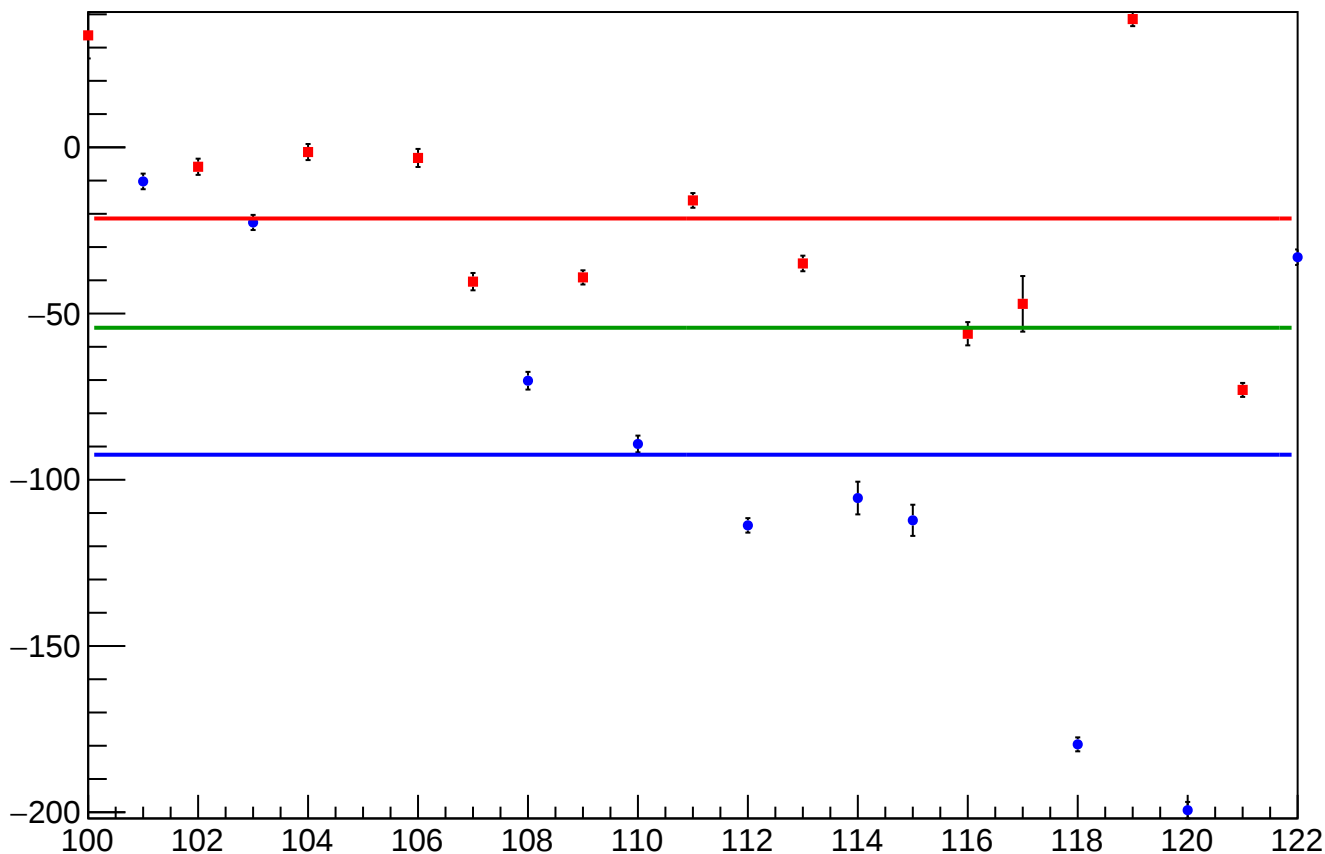
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1206.156 $\pm$ 0.435 χ^2 /NDF: 27518.9/9

1210.037 $\pm$ 0.299 χ^2 /NDF: 50891.6/21

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

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -92.459+/-0.805 χ^2/NDF : 6577.9/9

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

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

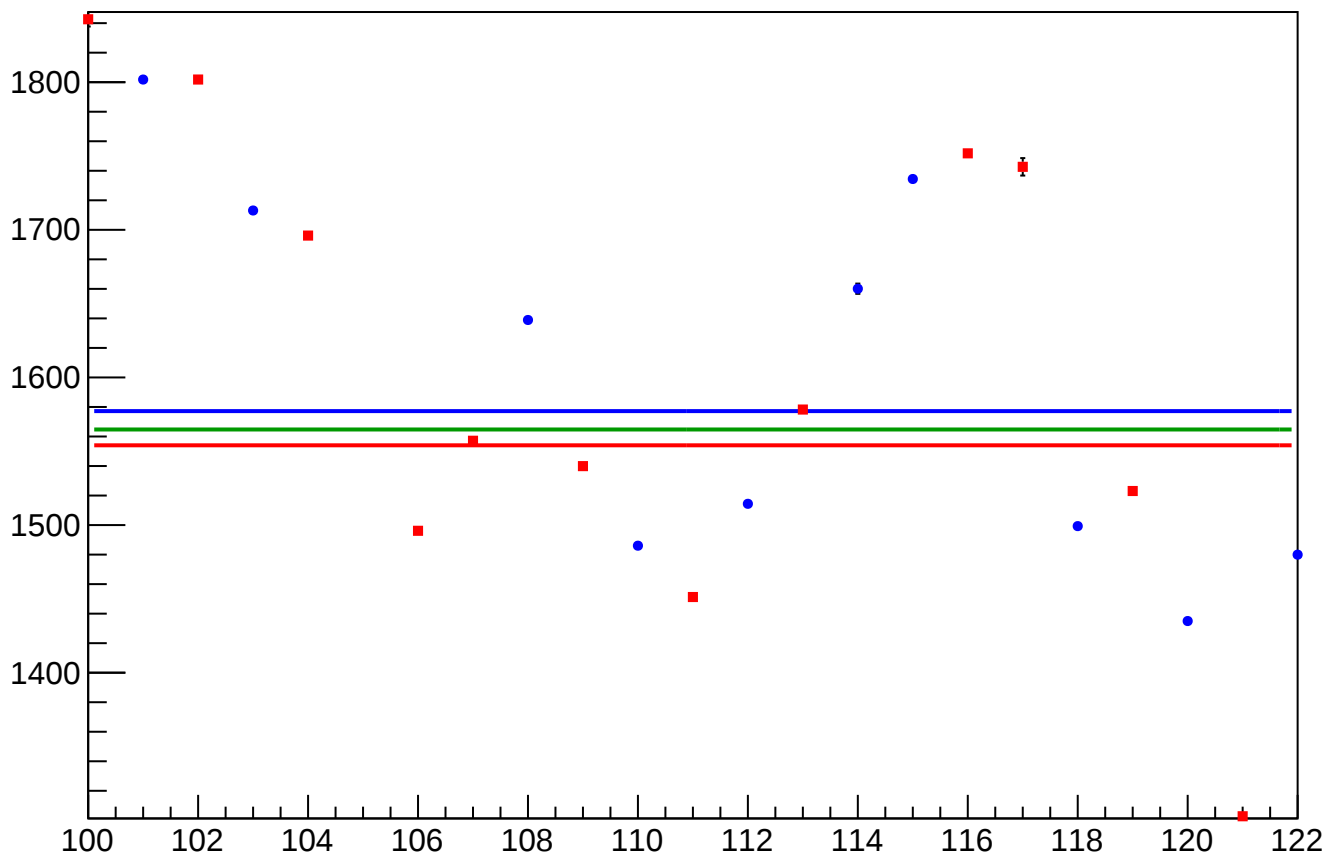
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-92.459+/-0.805 χ^2/NDF : 6577.9/9

-54.273+/-0.547 χ^2/NDF : 12651.5/21

-21.405+/-0.747 χ^2/NDF : 1886.3/11

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1577.202 $\pm$ 0.569 χ^2/NDF : 46385.5/9

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

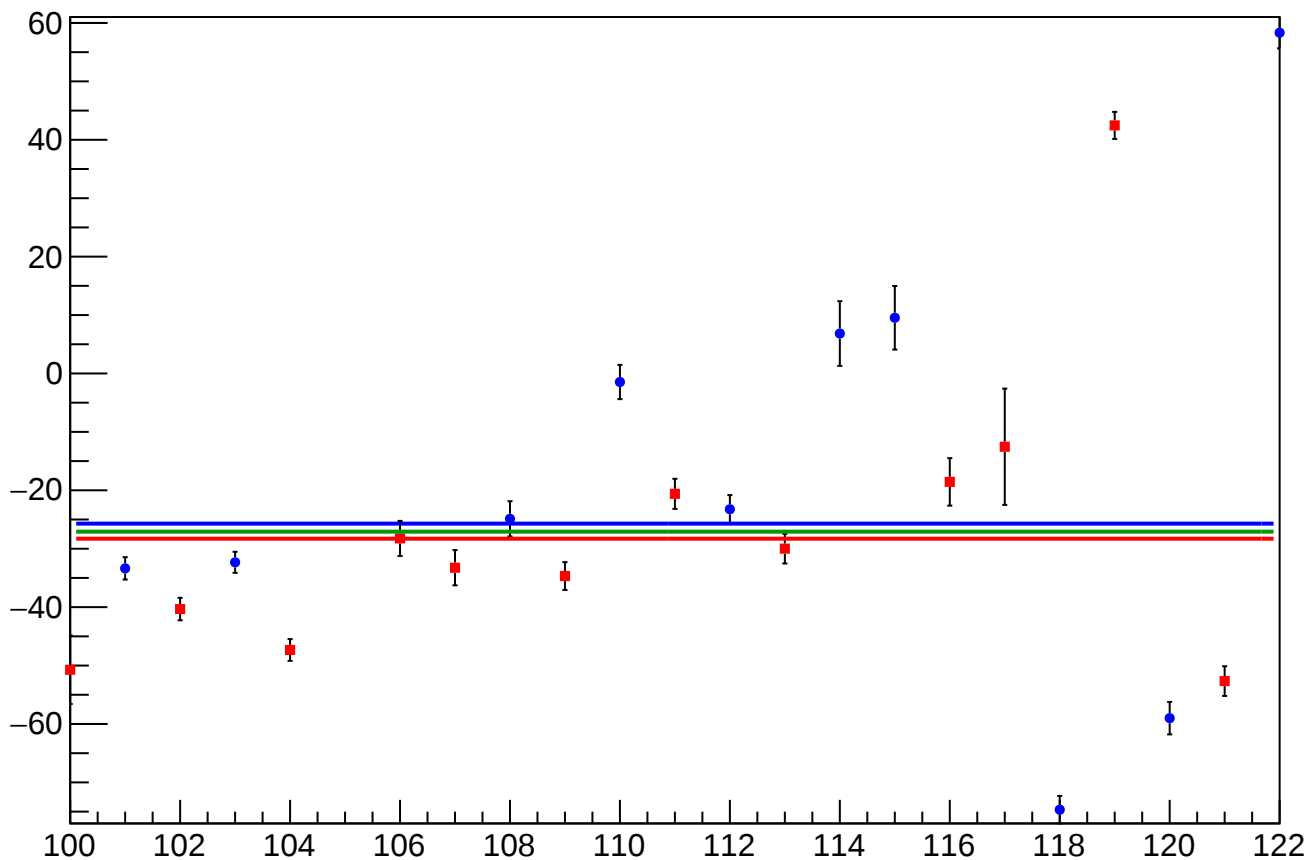
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1577.202 $\pm$ 0.569 χ^2/NDF : 46385.5/9

1564.750 $\pm$ 0.387 χ^2/NDF : 120339.0/21

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

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -25.704 $\pm$ 0.819 χ^2 /NDF: 1731.3/9

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

Right Out: -28.282 $\pm$ 0.766 χ^2 /NDF: 1212.4/11

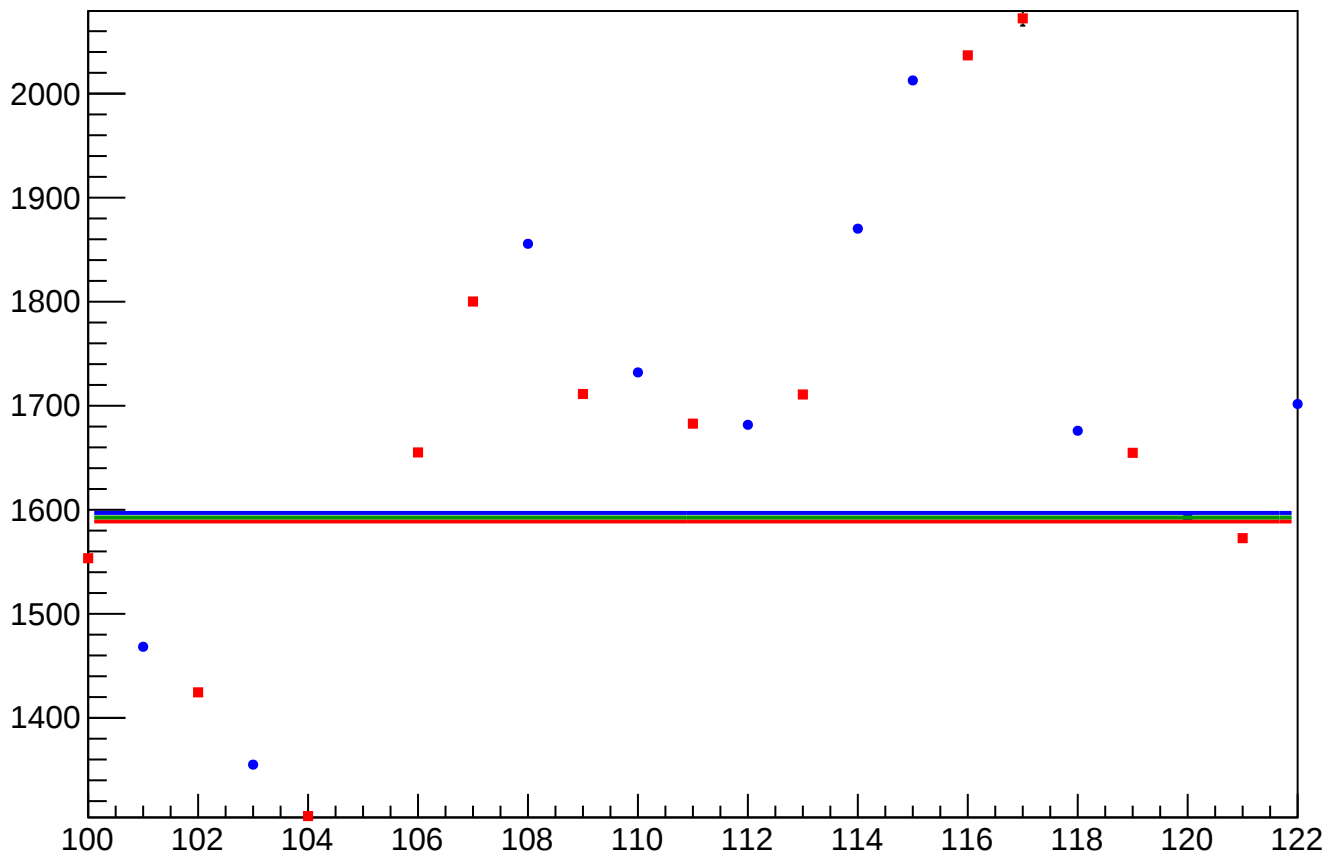
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-25.704 $\pm$ 0.819 χ^2 /NDF: 1731.3/9

-27.077 $\pm$ 0.559 χ^2 /NDF: 2949.0/21

-28.282 $\pm$ 0.766 χ^2 /NDF: 1212.4/11

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1596.998 $\pm$ 0.579 χ^2 /NDF: 88326.7/9

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

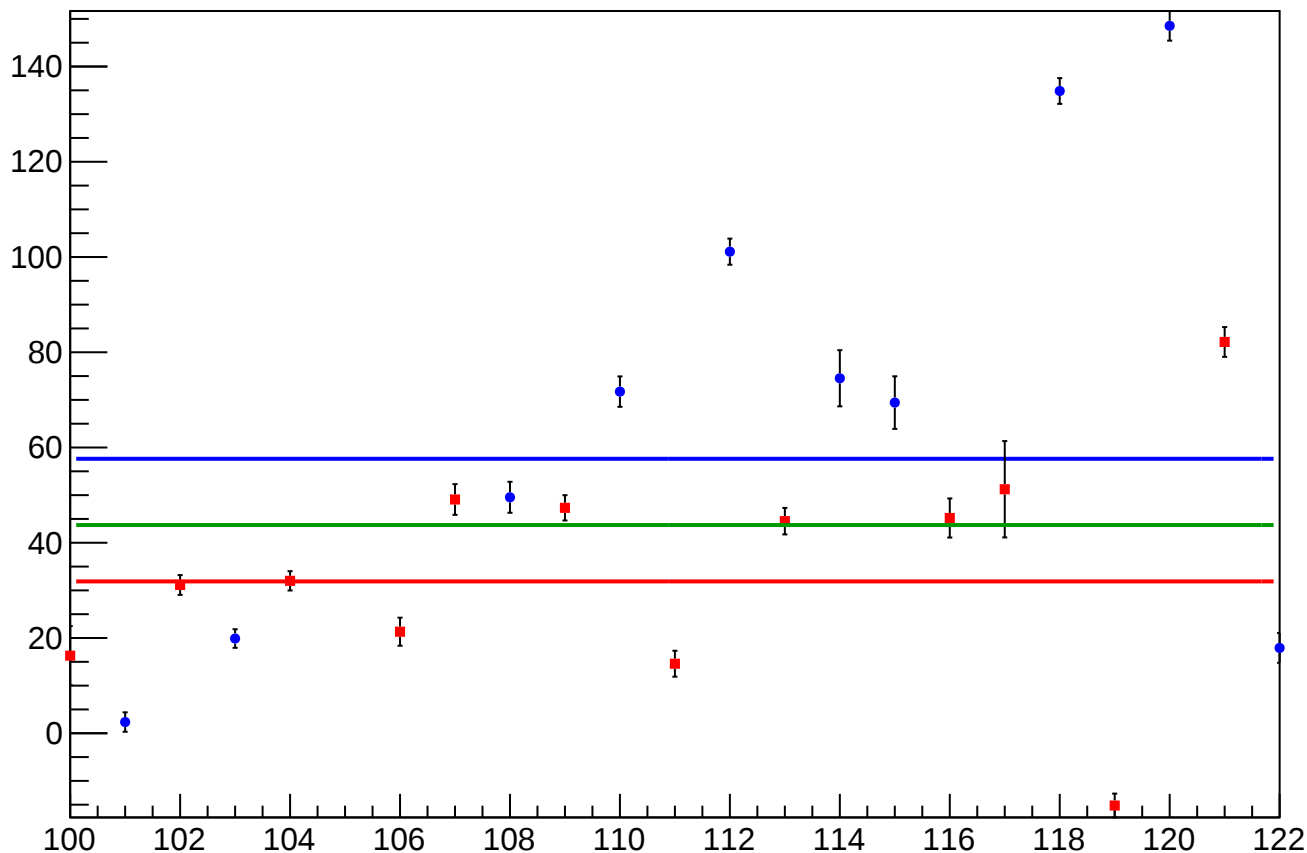
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1596.998 $\pm$ 0.579 χ^2 /NDF: 88326.7/9

1592.620 $\pm$ 0.396 χ^2 /NDF: 203405.5/21

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

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 57.633+/-0.901 χ^2/NDF : 3228.8/9

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

Right Out: 31.885+/-0.831 χ^2/NDF : 768.0/11

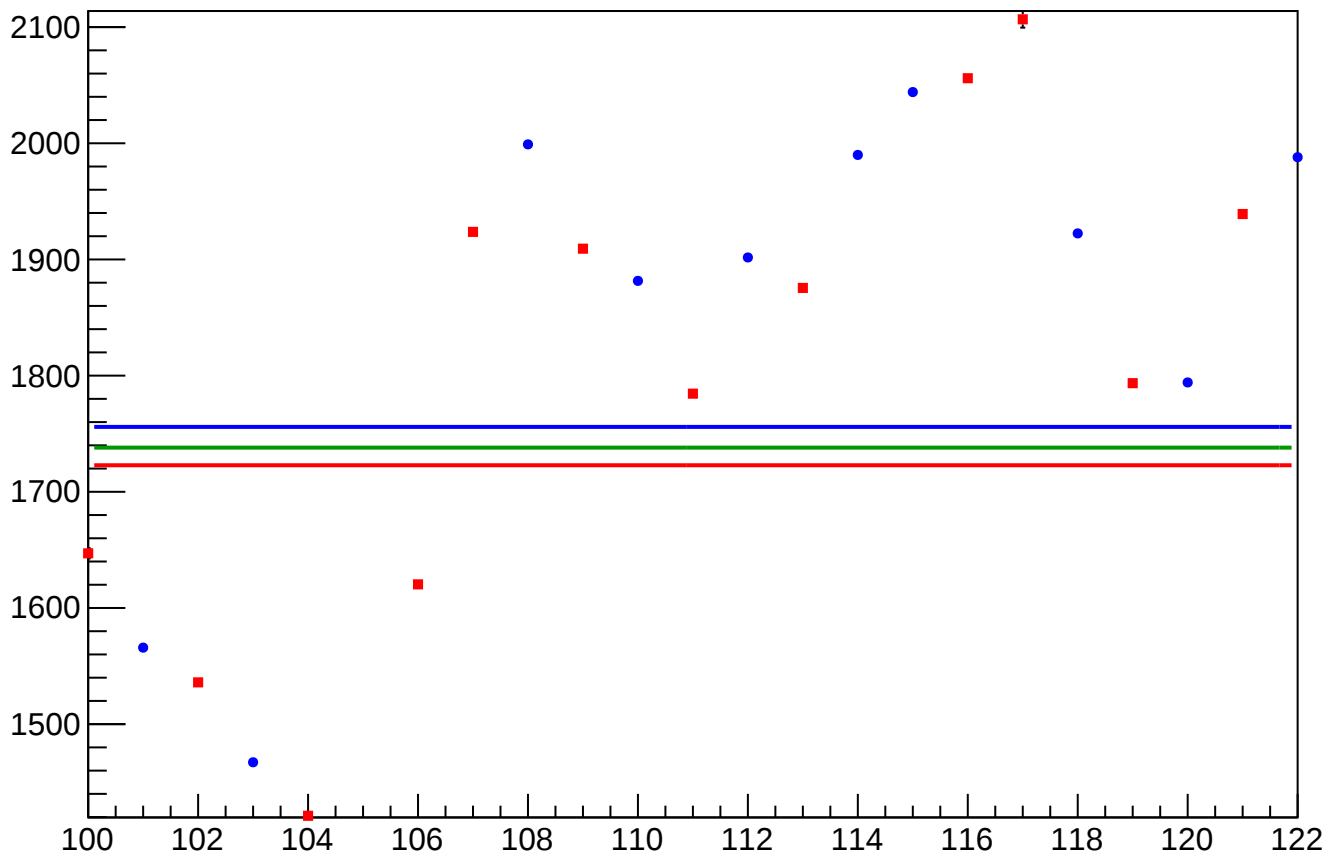
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

57.633+/-0.901 χ^2/NDF : 3228.8/9

43.721+/-0.611 χ^2/NDF : 4438.3/21

31.885+/-0.831 χ^2/NDF : 768.0/11

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1755.869+/-0.637 χ^2/NDF : 108584.2/9

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

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

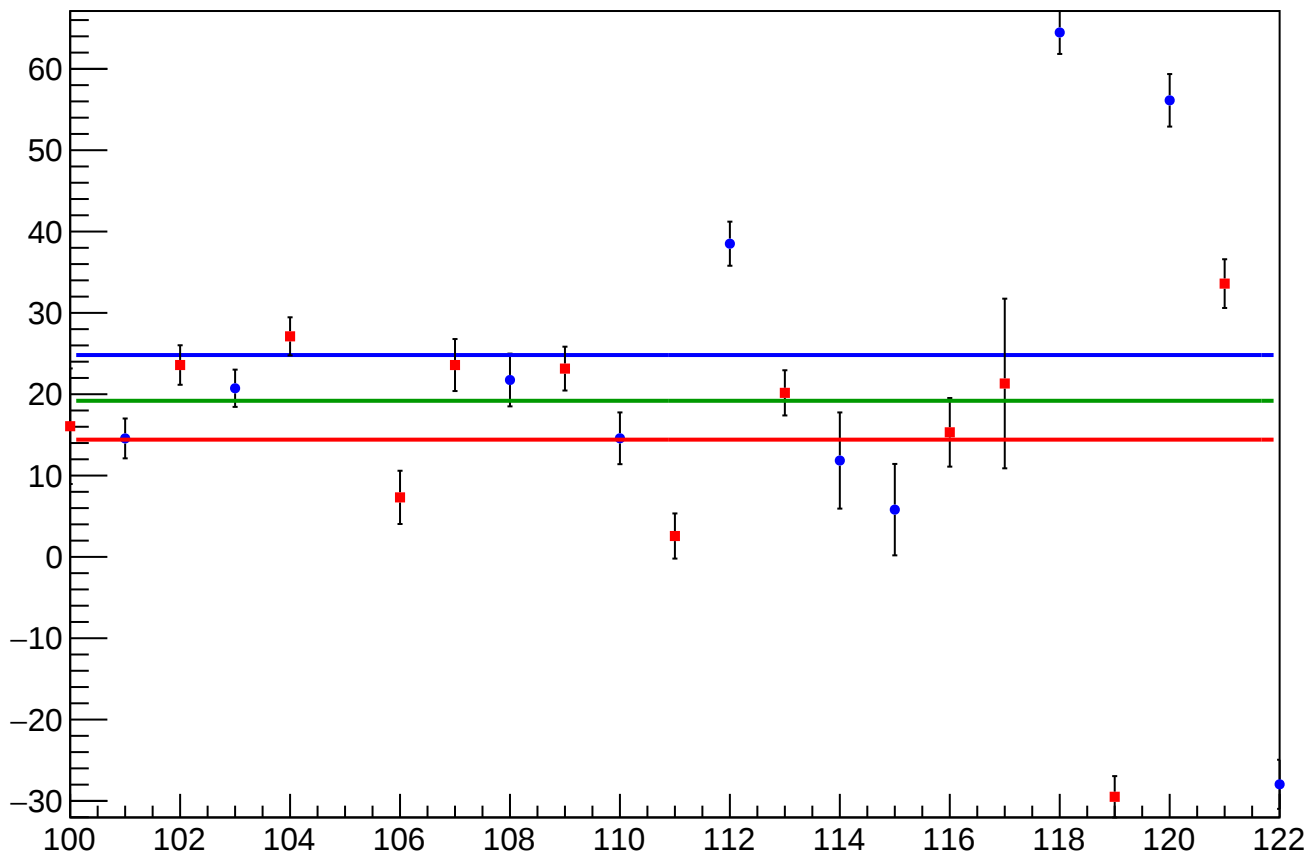
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1755.869+/-0.637 χ^2/NDF : 108584.2/9

1738.029+/-0.432 χ^2/NDF : 225158.3/21

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

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 24.817+/-0.955 χ^2/NDF : 699.2/9

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

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

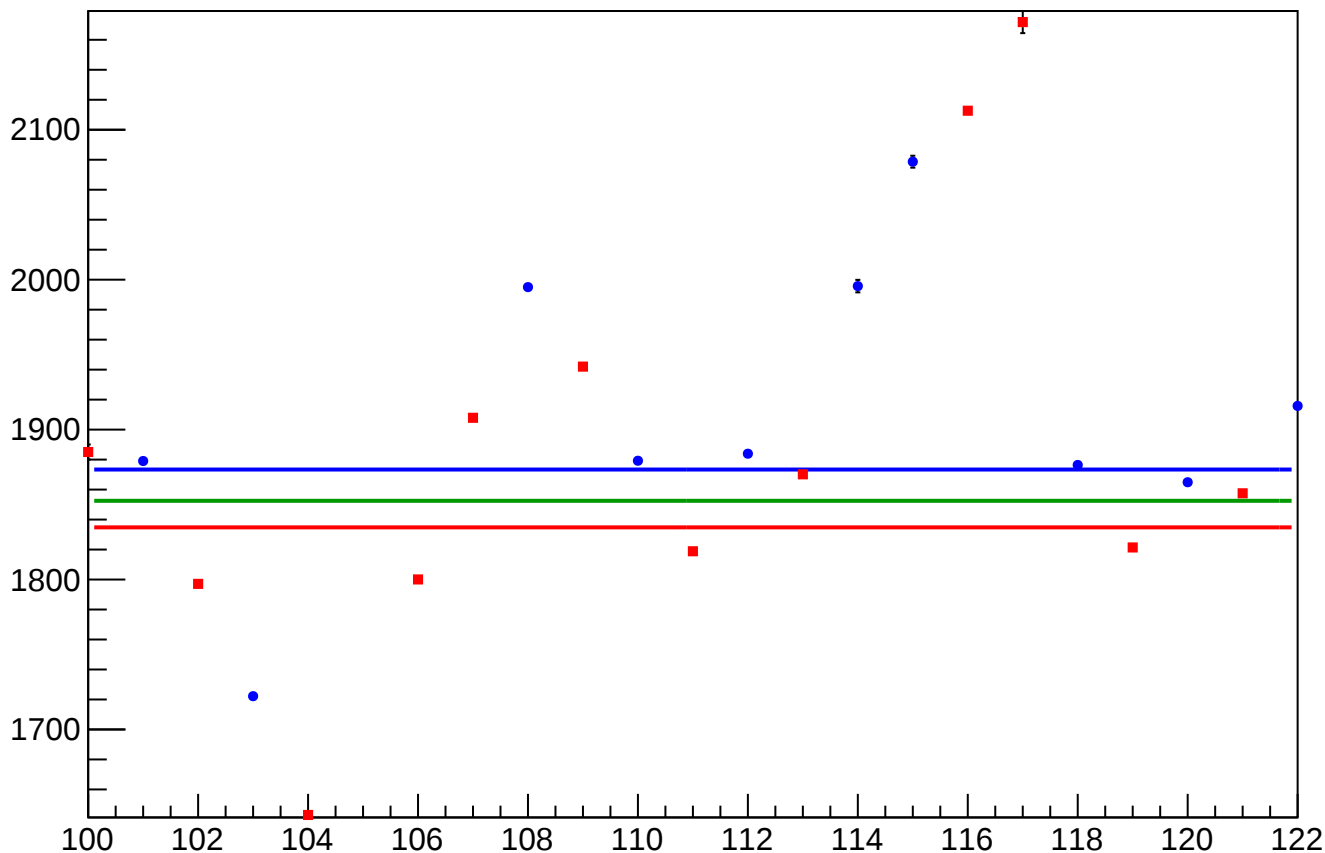
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.817+/-0.955 χ^2/NDF : 699.2/9

19.193+/-0.647 χ^2/NDF : 1193.1/21

14.416+/-0.880 χ^2/NDF : 429.7/11

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1873.372 $\pm$ 0.675 χ^2 /NDF: 15514.7/9

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

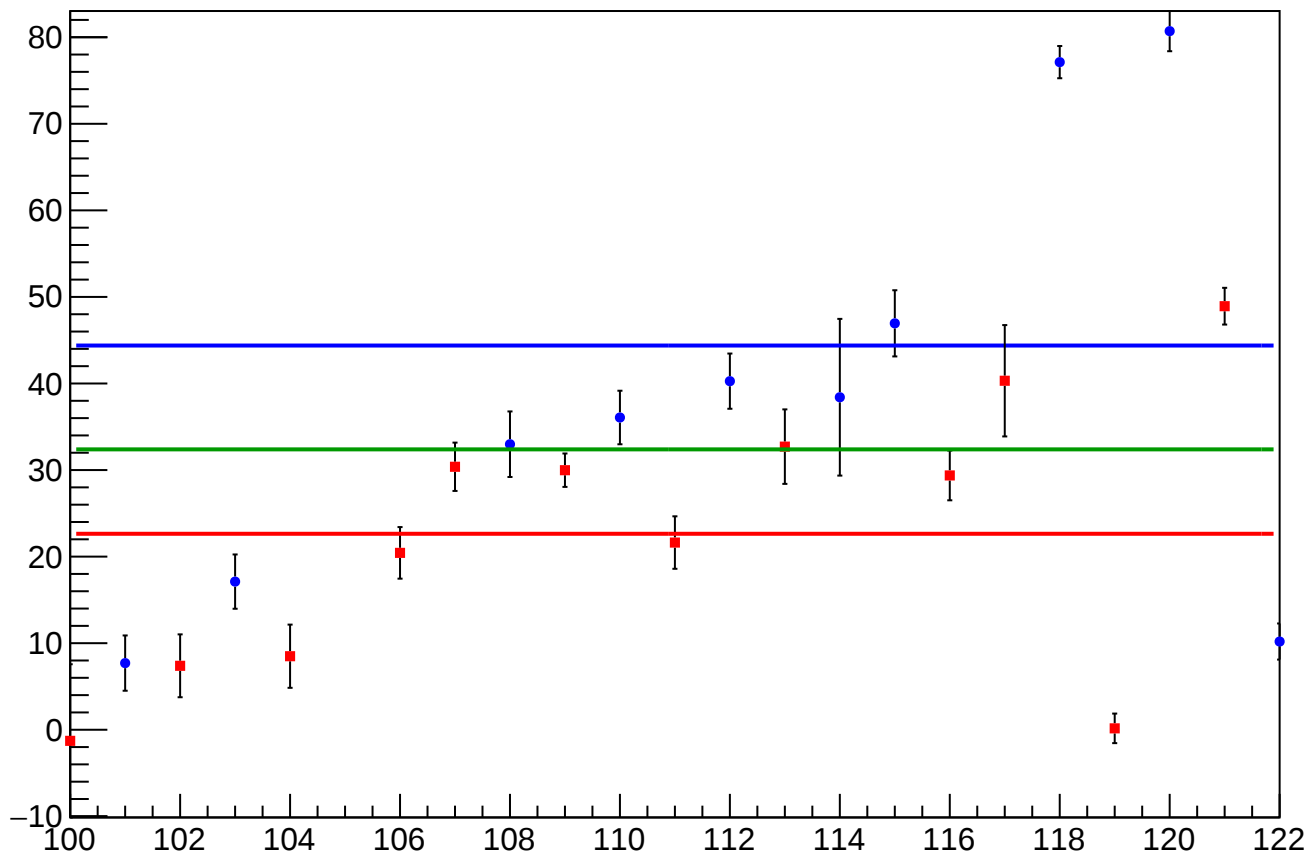
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1873.372 $\pm$ 0.675 χ^2 /NDF: 15514.7/9

1852.510 $\pm$ 0.458 χ^2 /NDF: 47039.6/21

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

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 44.385 $\pm$ 0.892 χ^2 /NDF: 1049.2/9

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

Right Out: 22.639 $\pm$ 0.804 χ^2 /NDF: 408.1/11

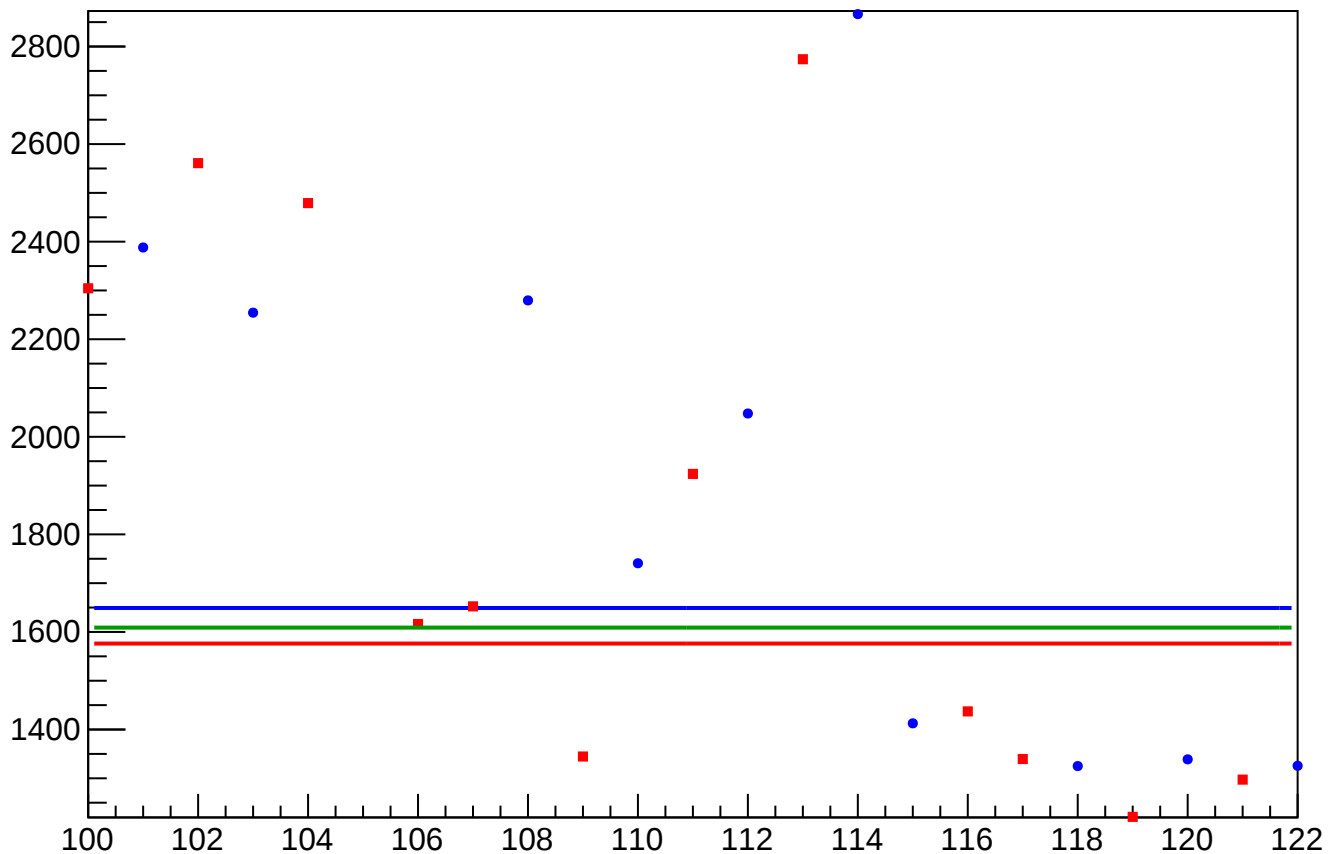
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

44.385 $\pm$ 0.892 χ^2 /NDF: 1049.2/9

32.389 $\pm$ 0.597 χ^2 /NDF: 1785.1/21

22.639 $\pm$ 0.804 χ^2 /NDF: 408.1/11

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1649.136 $\pm$ 0.631 χ^2/NDF : 458327.0/9

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

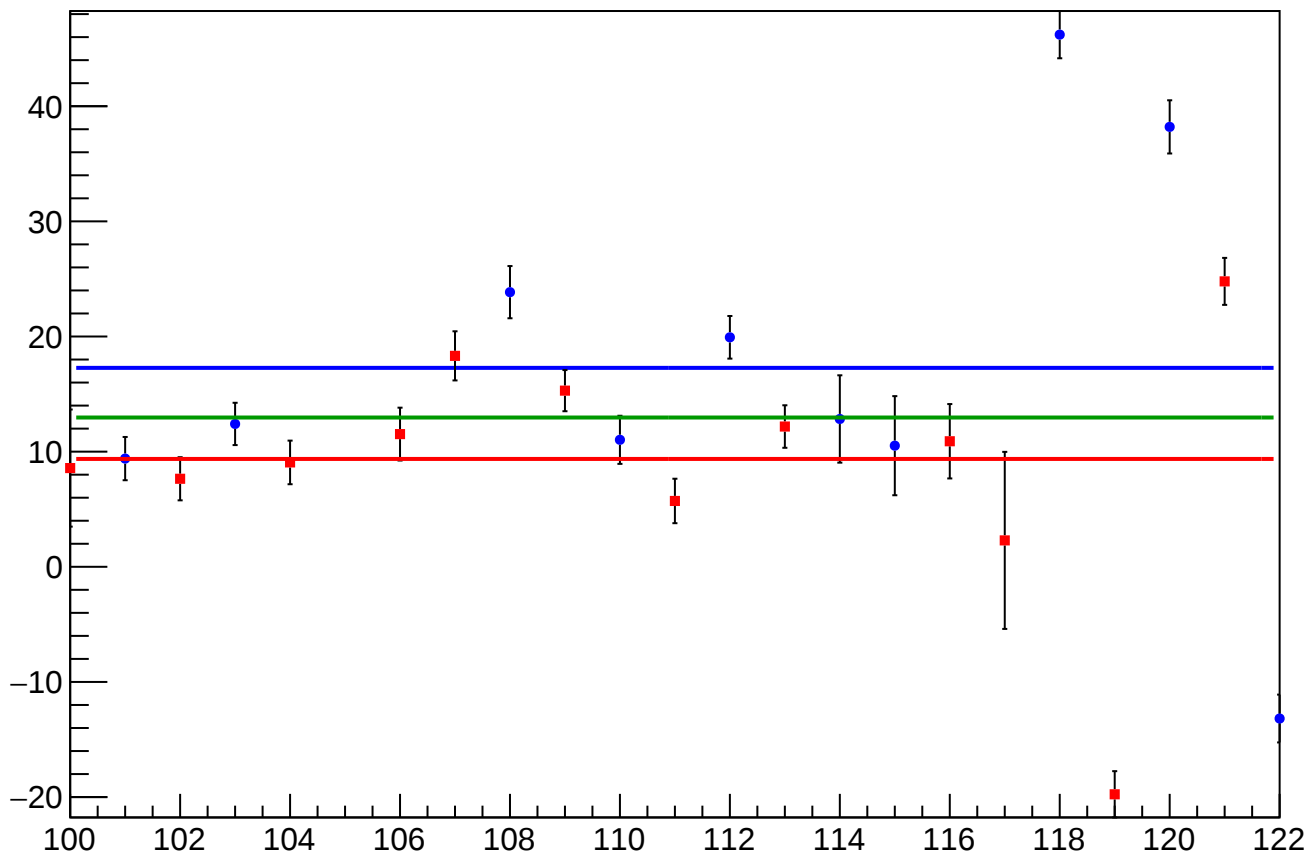
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1649.136 $\pm$ 0.631 χ^2/NDF : 458327.0/9

1608.917 $\pm$ 0.422 χ^2/NDF : 1089049.9/21

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

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 17.277 $\pm$ 0.694 χ^2 /NDF: 543.9/9

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

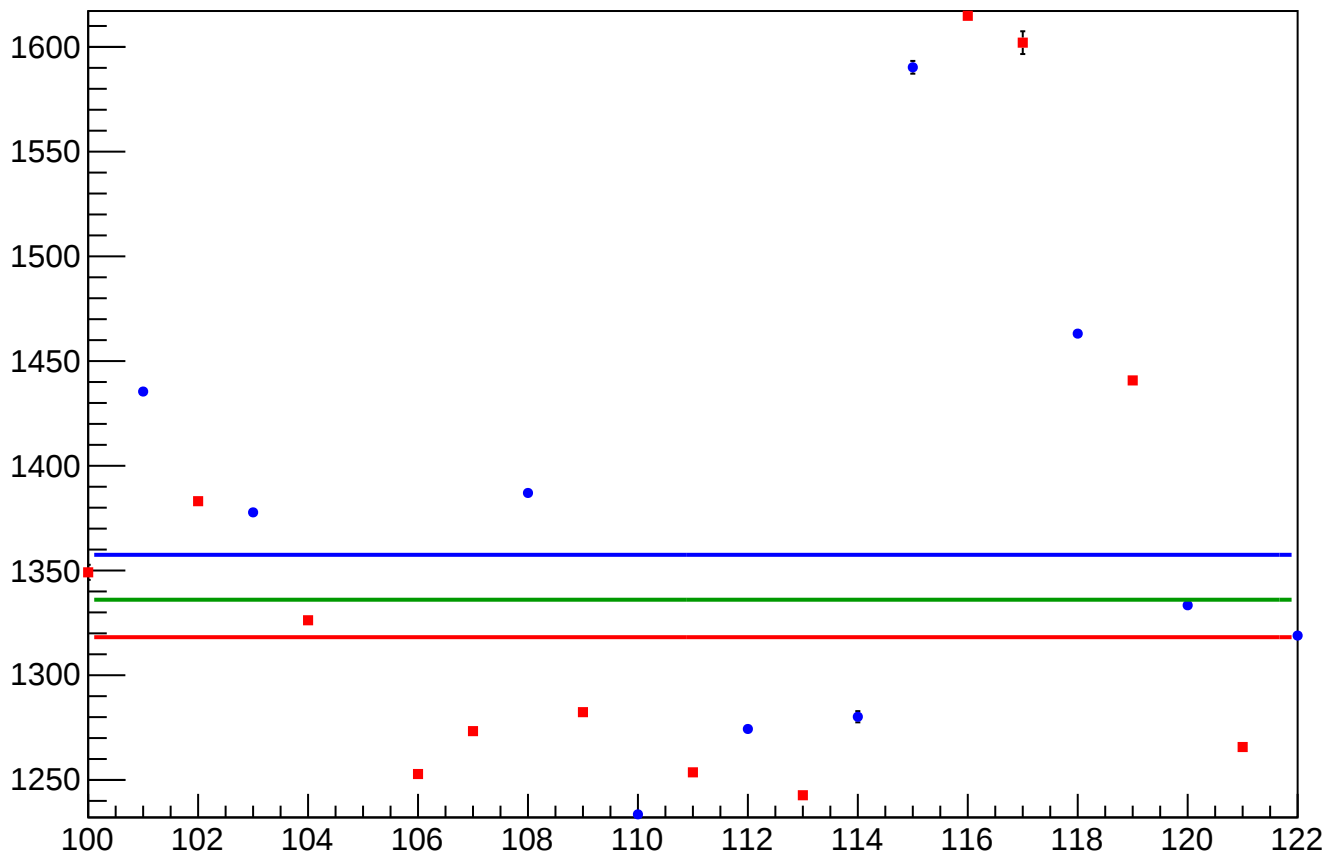
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.277 $\pm$ 0.694 χ^2 /NDF: 543.9/9

12.965 $\pm$ 0.468 χ^2 /NDF: 919.1/21

9.367 $\pm$ 0.634 χ^2 /NDF: 304.4/11

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1357.494 $\pm$ 0.491 χ^2 /NDF: 27985.9/9

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

Right Out: 1318.166 $\pm$ 0.448 χ^2 /NDF: 39760.1/11

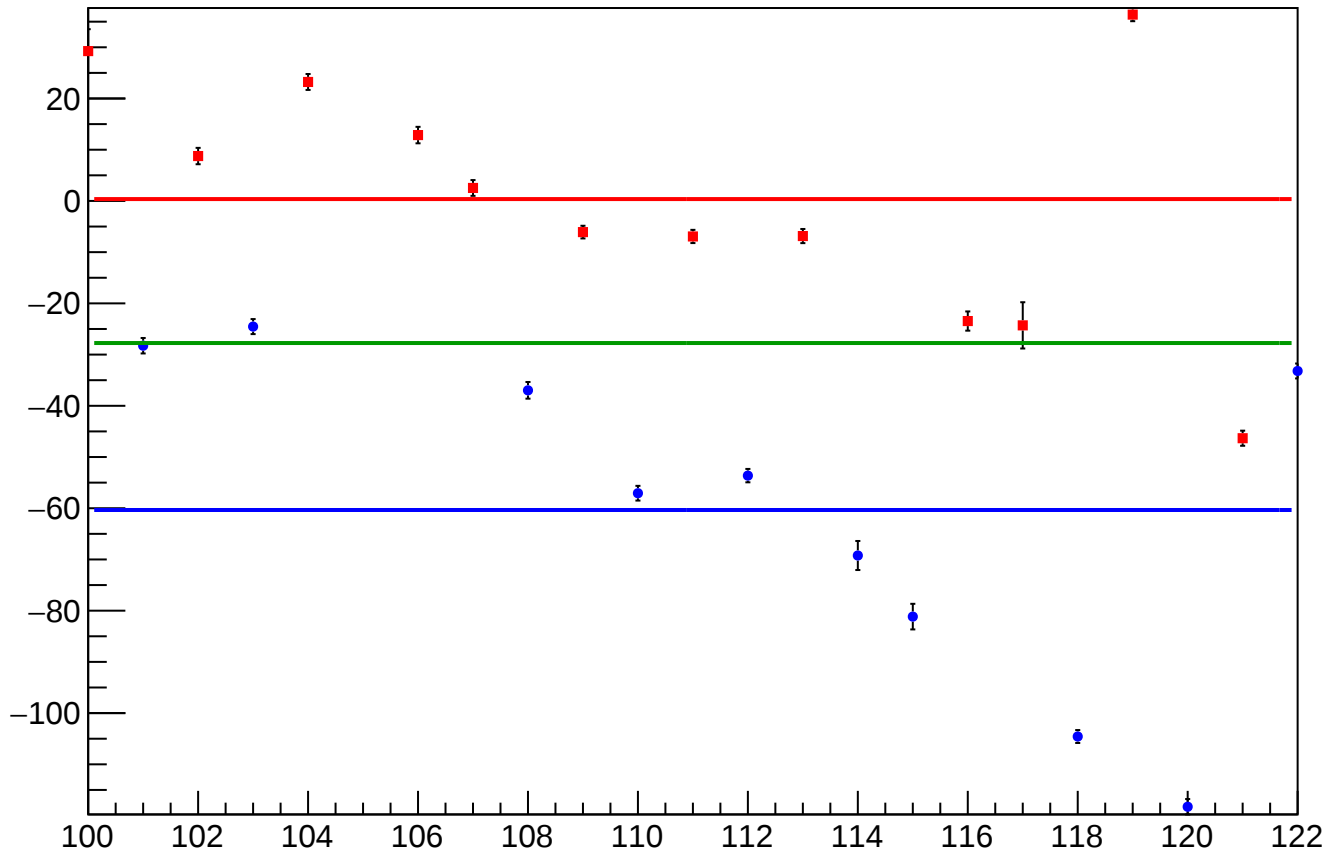
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1357.494 $\pm$ 0.491 χ^2 /NDF: 27985.9/9

1336.054 $\pm$ 0.331 χ^2 /NDF: 71246.3/21

1318.166 $\pm$ 0.448 χ^2 /NDF: 39760.1/11

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -60.343+/-0.489 χ^2/NDF : 4423.7/9

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

Right Out: 0.364+/-0.454 χ^2/NDF : 2414.9/11

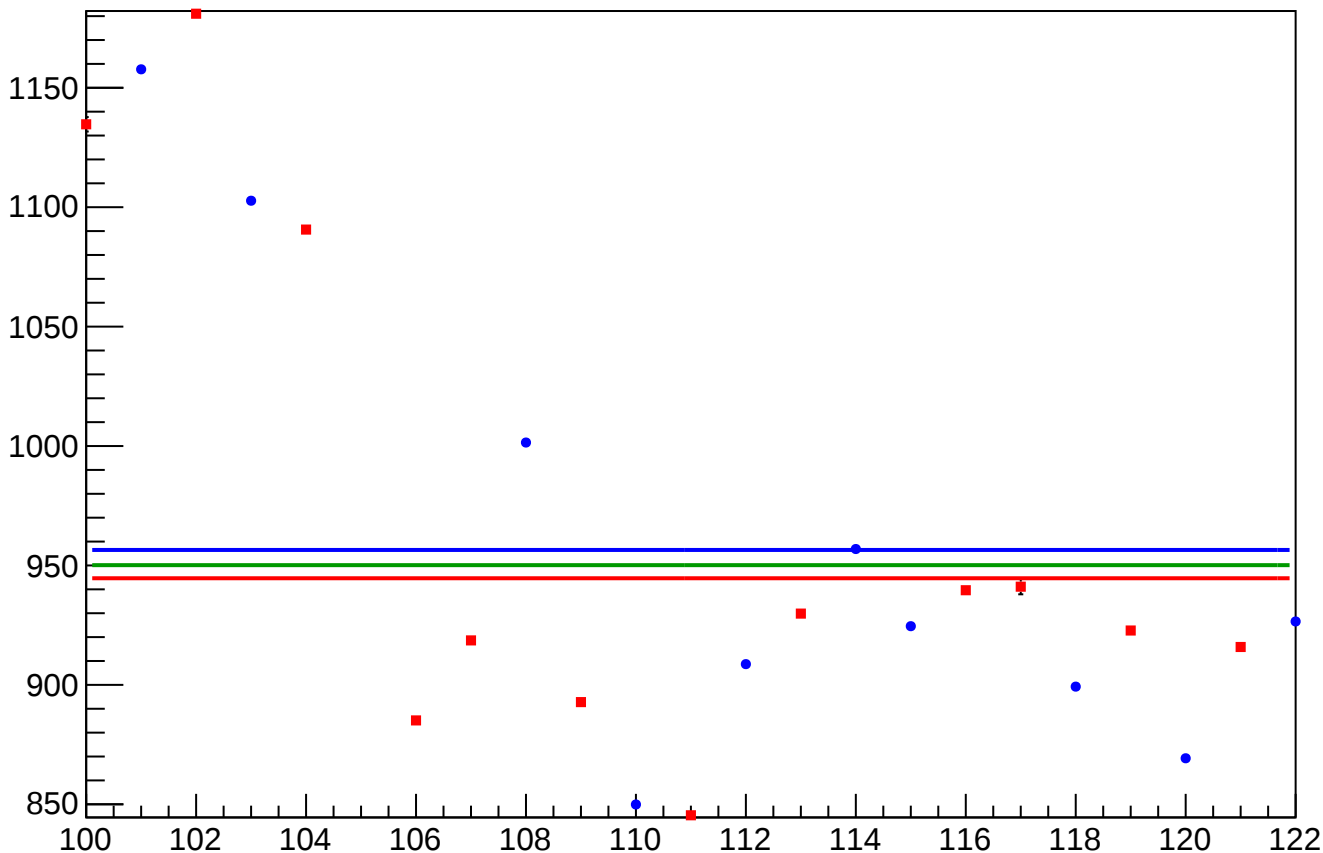
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.343+/-0.489 χ^2/NDF : 4423.7/9

-27.743+/-0.333 χ^2/NDF : 15103.6/21

0.364+/-0.454 χ^2/NDF : 2414.9/11

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 956.491 $\pm$ 0.346 χ^2/NDF : 82602.6/9

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

Right Out: 944.639 $\pm$ 0.321 χ^2/NDF : 85581.3/11

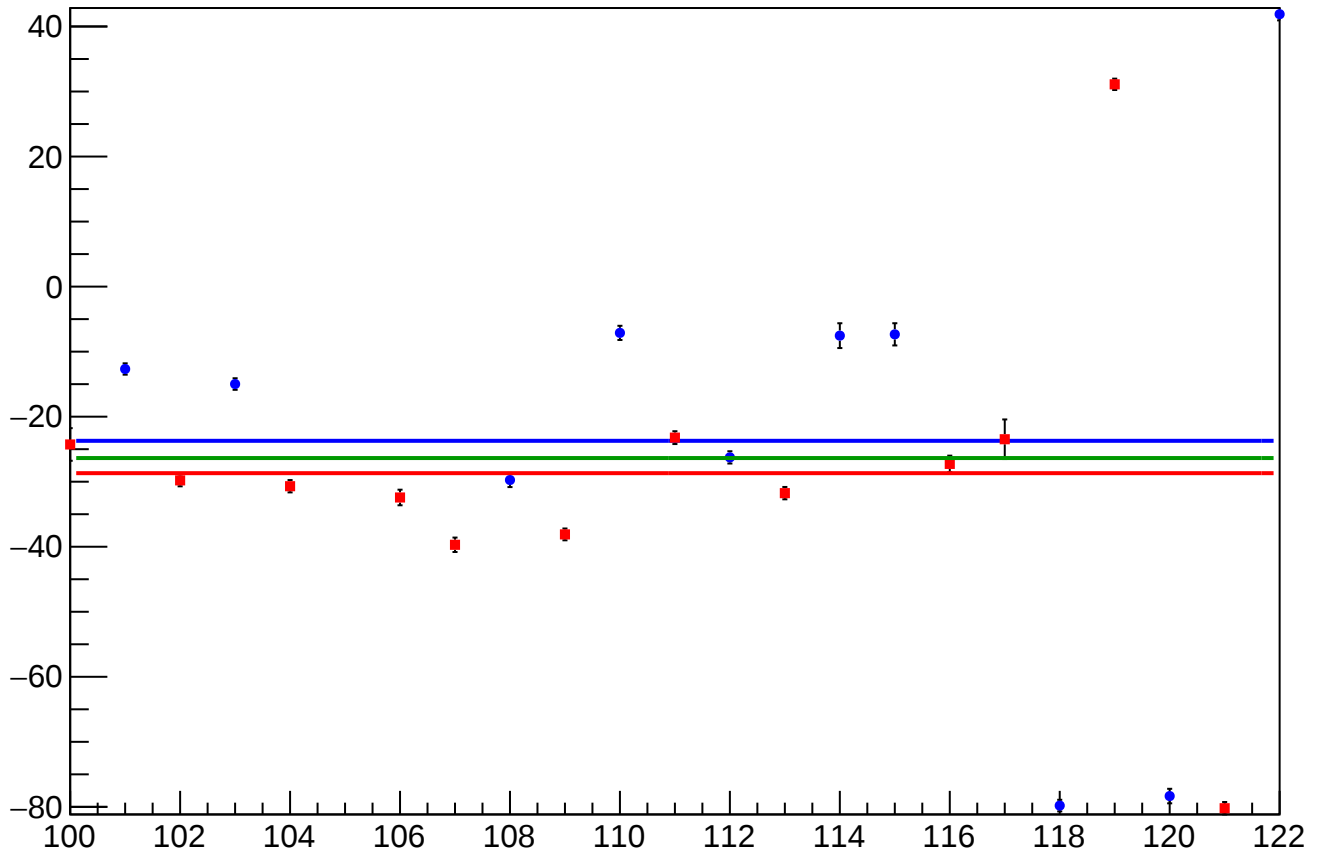
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

956.491 $\pm$ 0.346 χ^2/NDF : 82602.6/9

950.126 $\pm$ 0.235 χ^2/NDF : 168813.9/21

944.639 $\pm$ 0.321 χ^2/NDF : 85581.3/11

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -23.712 $\pm$ 0.330 χ^2 /NDF: 11805.2/9

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

Right Out: -28.688 $\pm$ 0.309 χ^2 /NDF: 7861.8/11

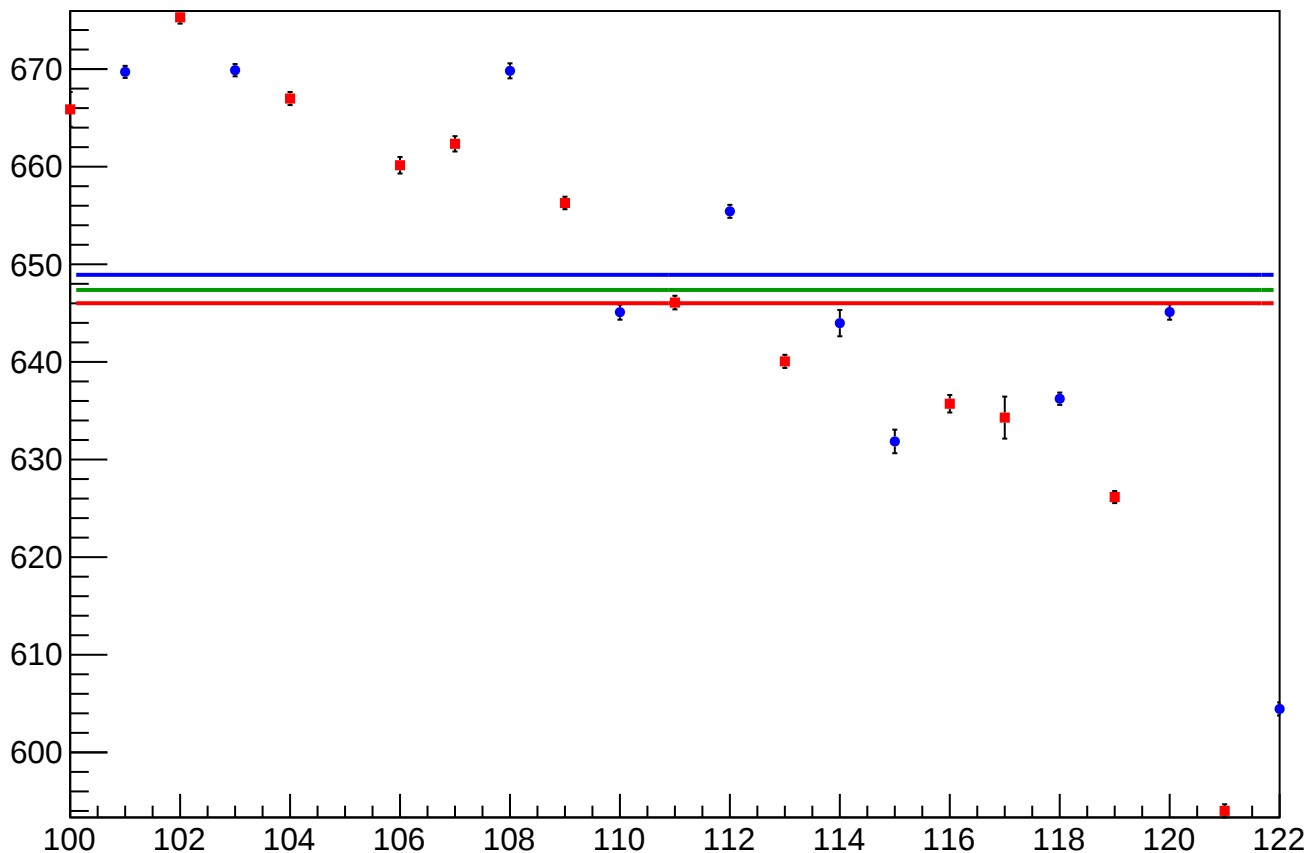
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-23.712 $\pm$ 0.330 χ^2 /NDF: 11805.2/9

-26.363 $\pm$ 0.226 χ^2 /NDF: 19788.0/21

-28.688 $\pm$ 0.309 χ^2 /NDF: 7861.8/11

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 648.922+/-0.233 χ^2/NDF : 8126.6/9

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

Right Out: 646.012+/-0.219 χ^2/NDF : 11310.3/11

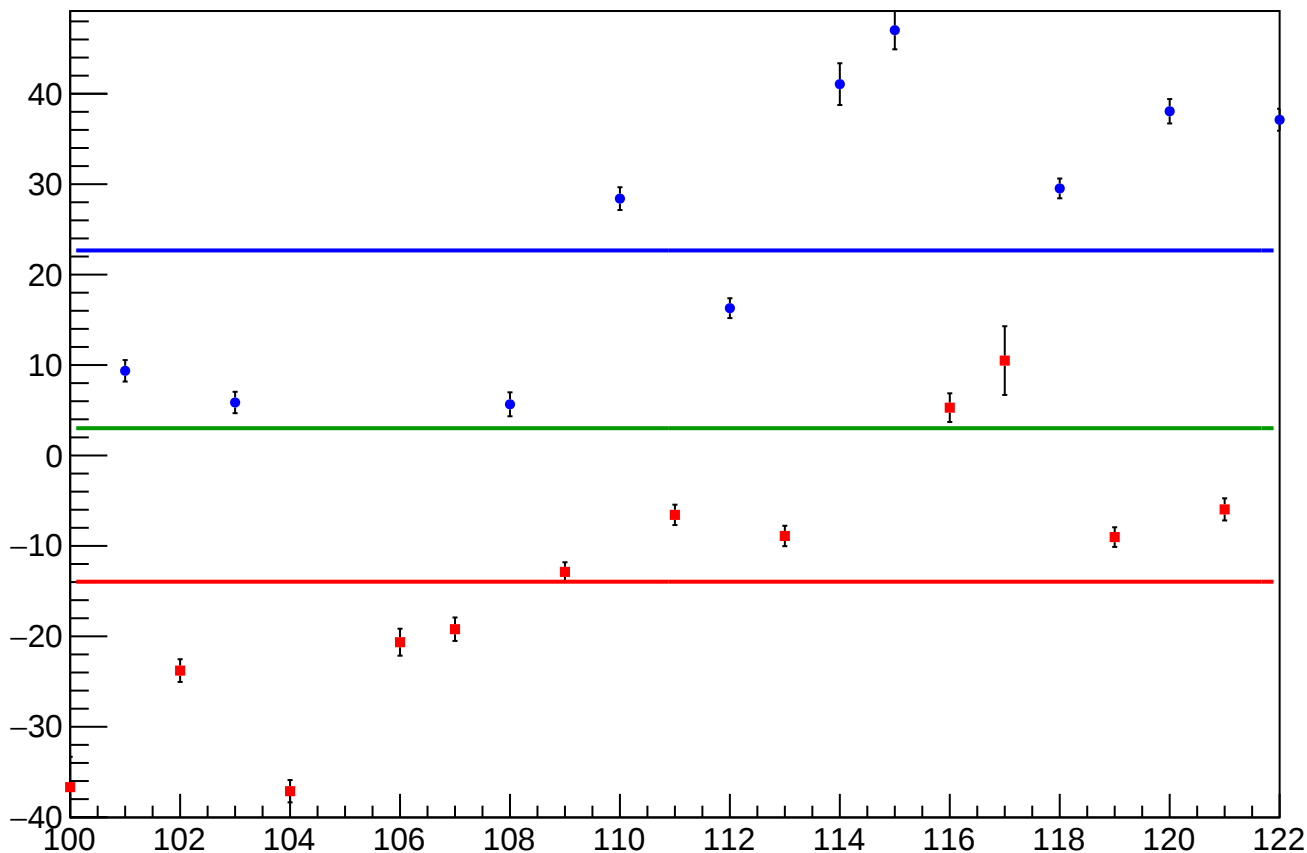
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

648.922+/-0.233 χ^2/NDF : 8126.6/9

647.372+/-0.160 χ^2/NDF : 19519.5/21

646.012+/-0.219 χ^2/NDF : 11310.3/11

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 22.671+/-0.411 χ^2/NDF : 1054.3/9

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

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

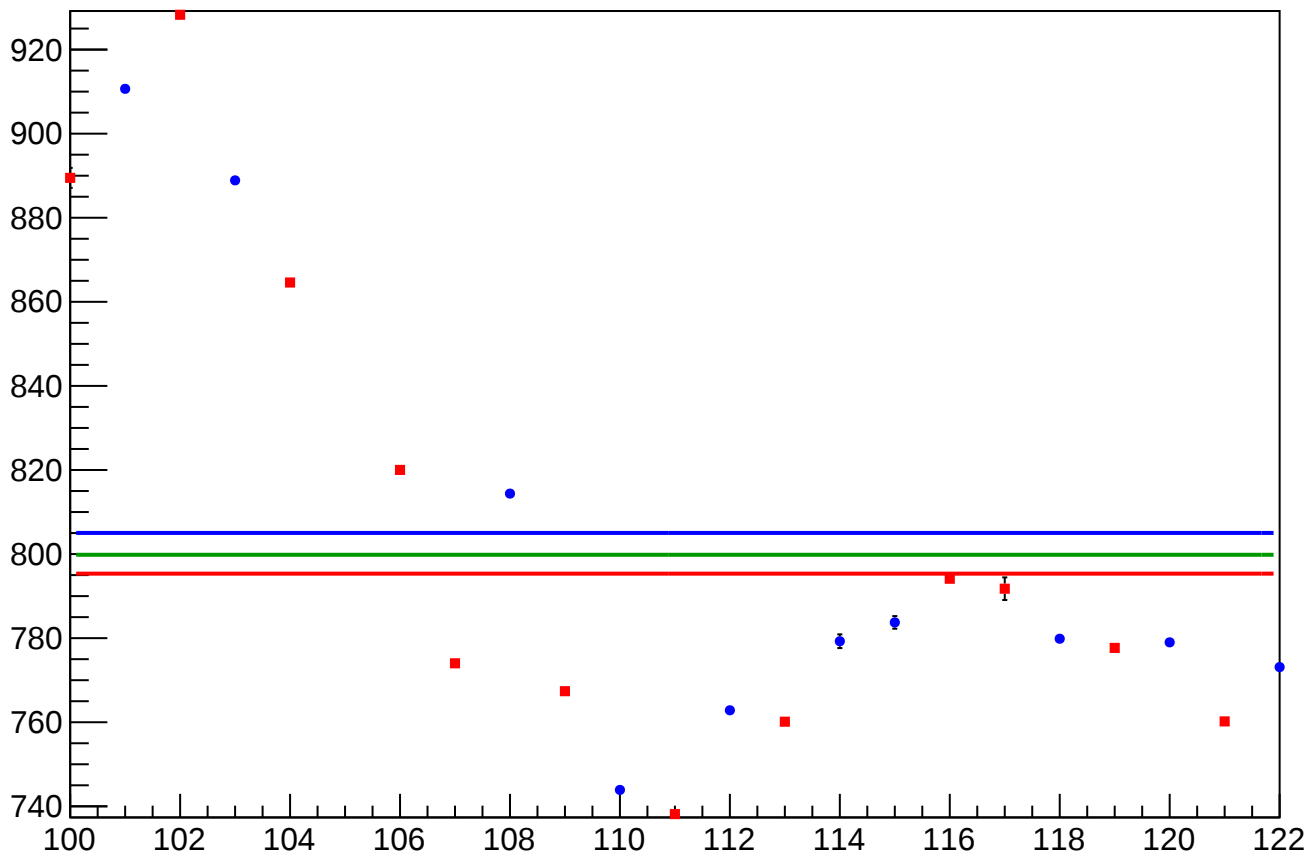
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.671+/-0.411 χ^2/NDF : 1054.3/9

3.017+/-0.279 χ^2/NDF : 6138.7/21

-13.958+/-0.382 χ^2/NDF : 813.2/11

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 805.029+/-0.290 χ^2/NDF : 37307.9/9

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

Right Out: 795.344+/-0.270 χ^2/NDF : 42066.4/11

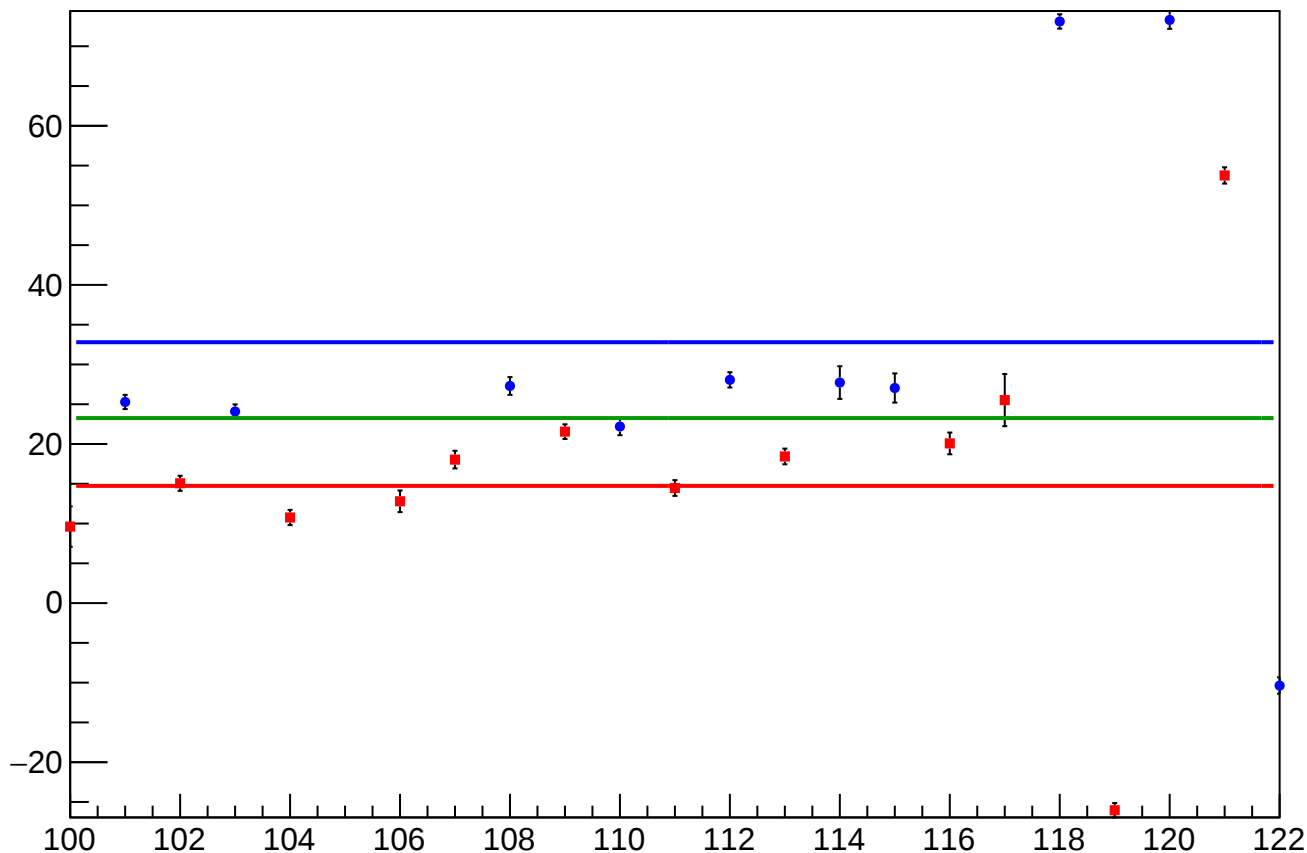
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

805.029+/-0.290 χ^2/NDF : 37307.9/9

799.832+/-0.198 χ^2/NDF : 79971.6/21

795.344+/-0.270 χ^2/NDF : 42066.4/11

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.795+/-0.339 χ^2 /NDF: 5358.9/9

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

Right Out: 14.736+/-0.320 χ^2 /NDF: 3596.6/11

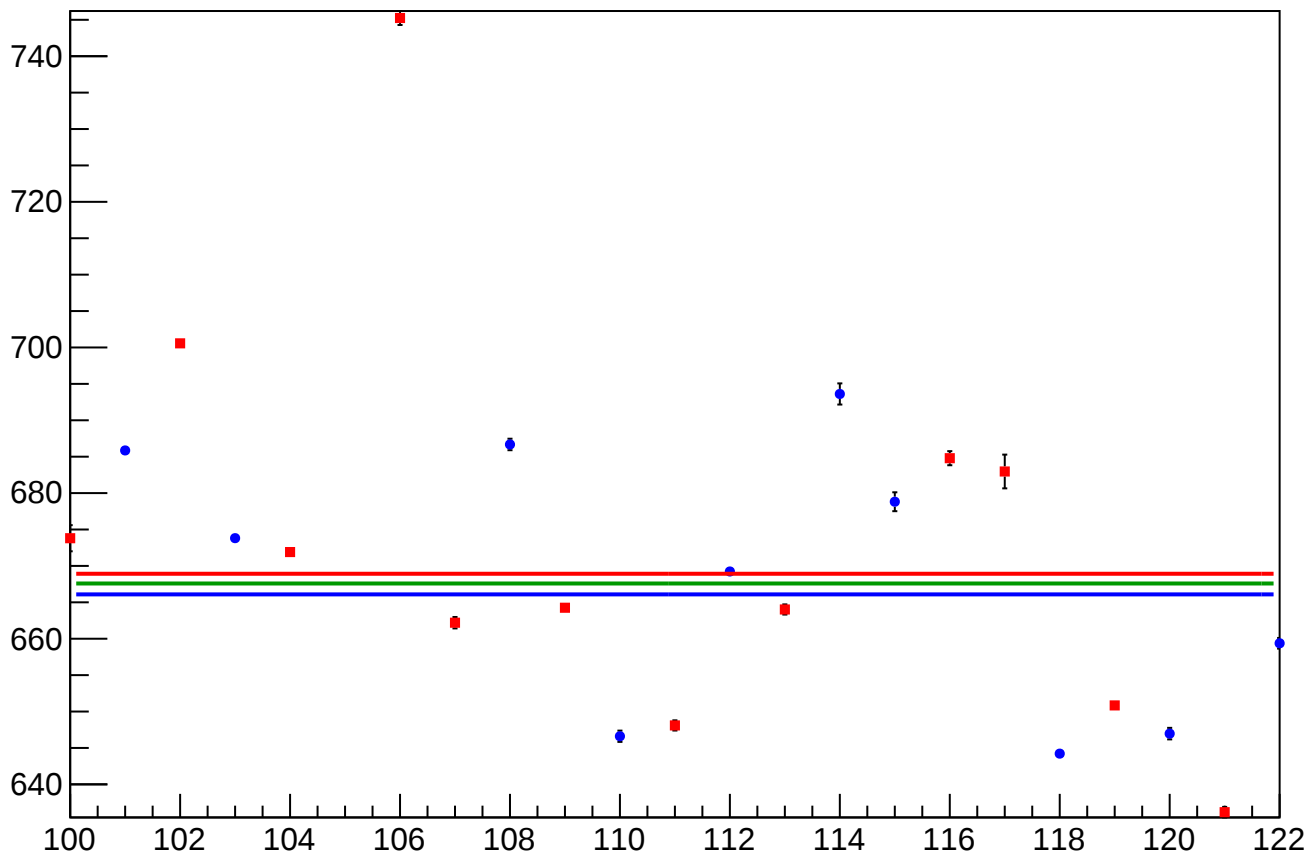
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.795+/-0.339 χ^2 /NDF: 5358.9/9

23.258+/-0.233 χ^2 /NDF: 10454.7/21

14.736+/-0.320 χ^2 /NDF: 3596.6/11

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.089 ± 0.240 χ^2/NDF : 4759.3/9

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

Right Out: 668.922 ± 0.227 χ^2/NDF : 12780.0/11

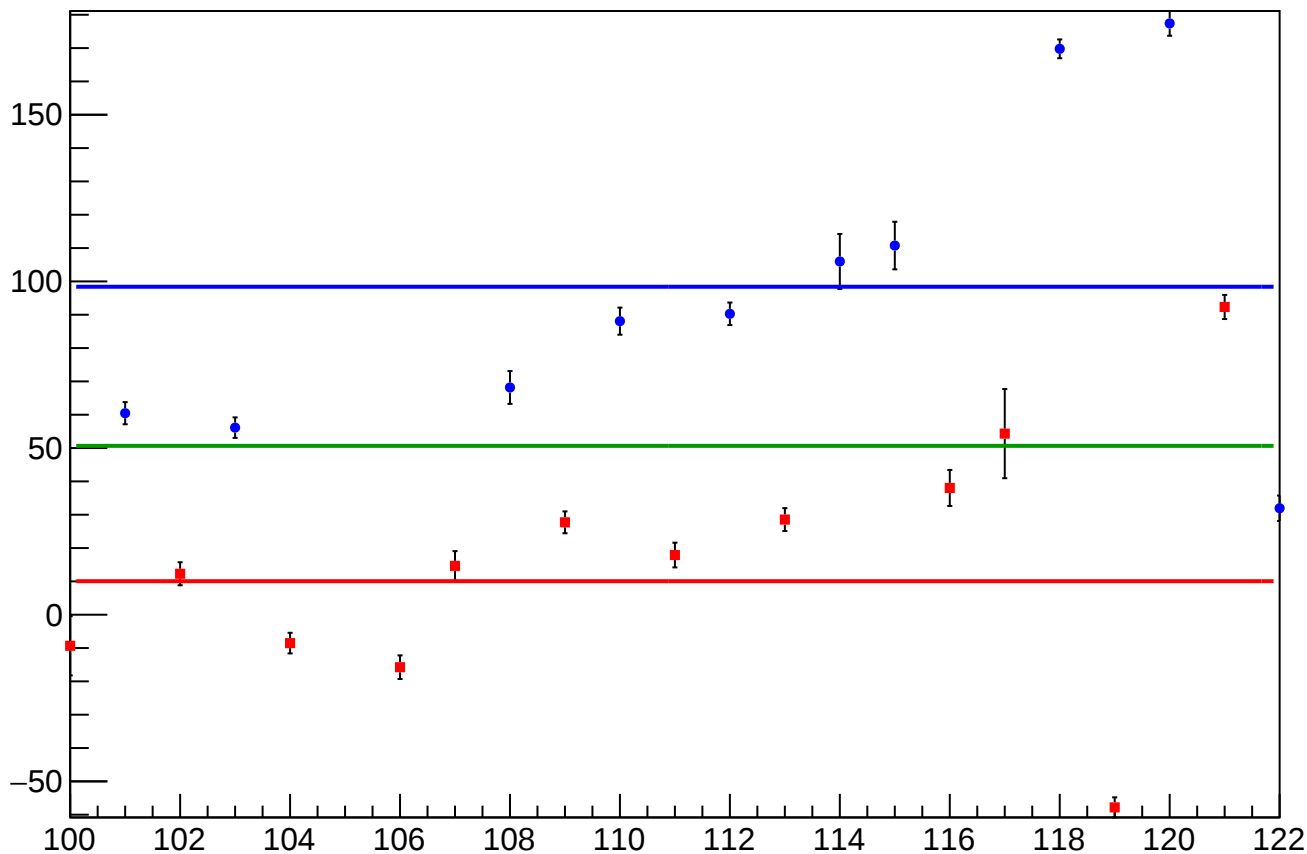
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

666.089 ± 0.240 χ^2/NDF : 4759.3/9

667.585 ± 0.165 χ^2/NDF : 17613.1/21

668.922 ± 0.227 χ^2/NDF : 12780.0/11

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 98.399+/-1.206 χ^2 /NDF: 1771.5/9

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

Right Out: 10.061+/-1.112 χ^2 /NDF: 1216.5/11

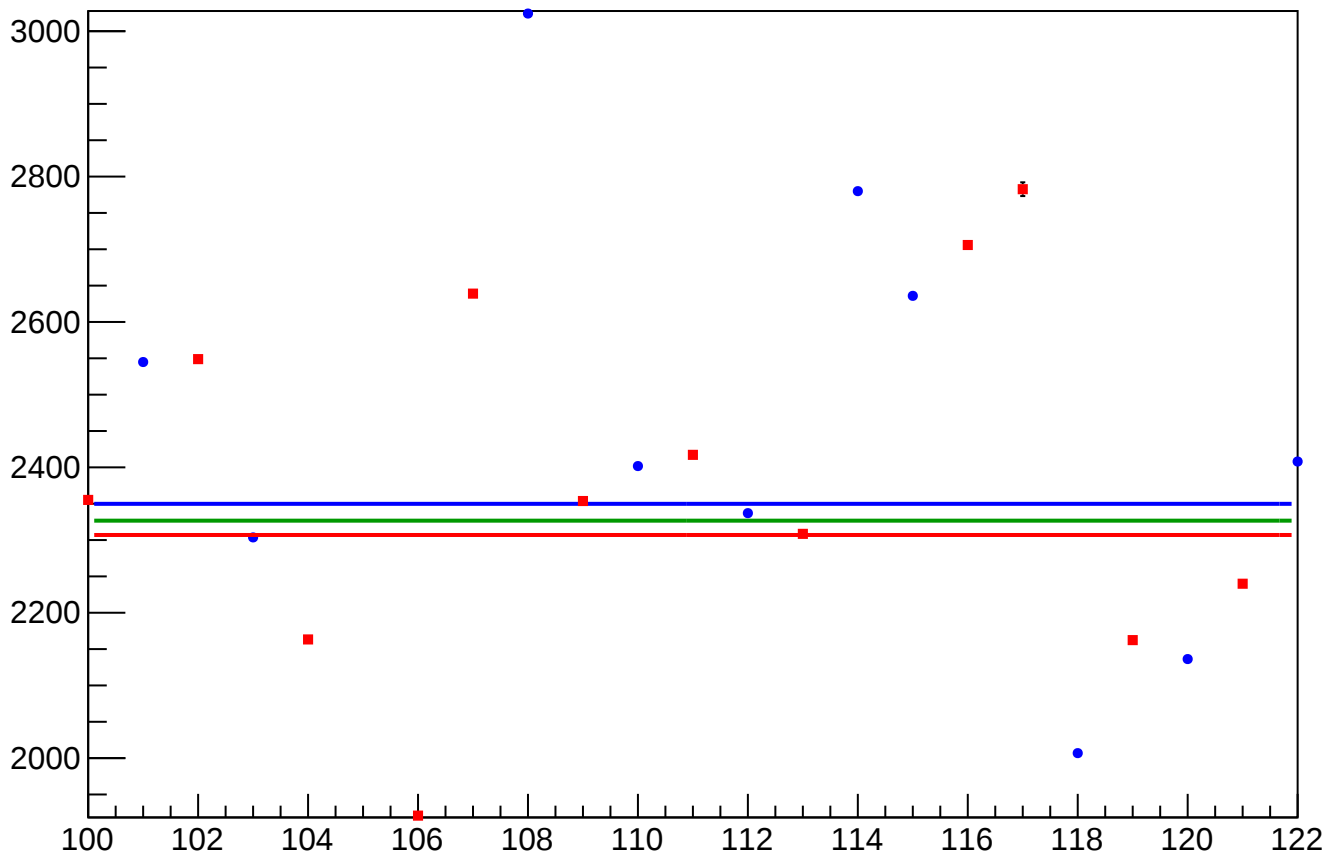
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

98.399+/-1.206 χ^2 /NDF: 1771.5/9

50.666+/-0.818 χ^2 /NDF: 5886.6/21

10.061+/-1.112 χ^2 /NDF: 1216.5/11

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2349.822 $\pm$ 0.853 χ^2 /NDF: 90661.4/9

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

Right Out: 2306.972 $\pm$ 0.787 χ^2 /NDF: 70025.9/11

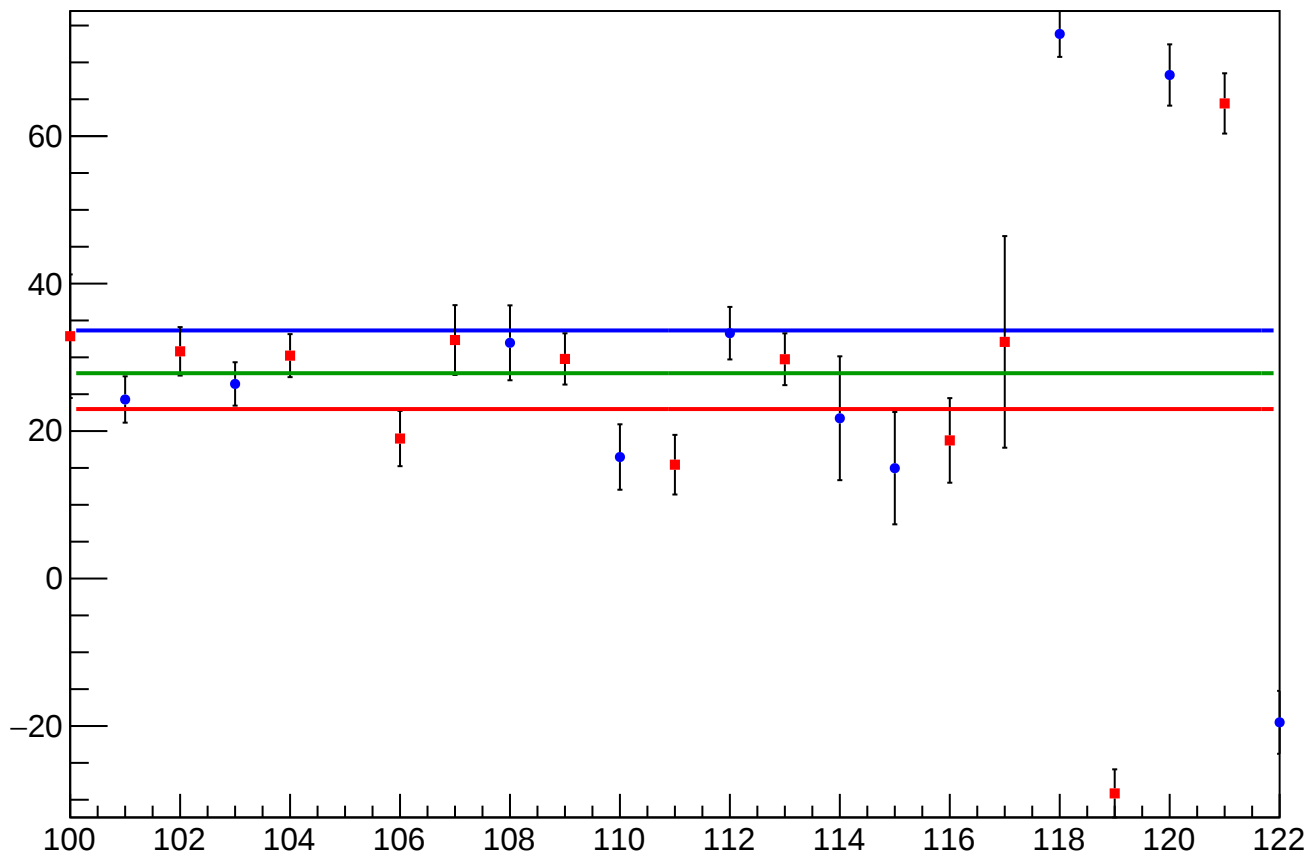
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2349.822 $\pm$ 0.853 χ^2 /NDF: 90661.4/9

2326.668 $\pm$ 0.578 χ^2 /NDF: 162051.3/21

2306.972 $\pm$ 0.787 χ^2 /NDF: 70025.9/11

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 33.646+/-1.257 χ^2/NDF : 429.8/9

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

Right Out: 22.986+/-1.151 χ^2/NDF : 388.3/11

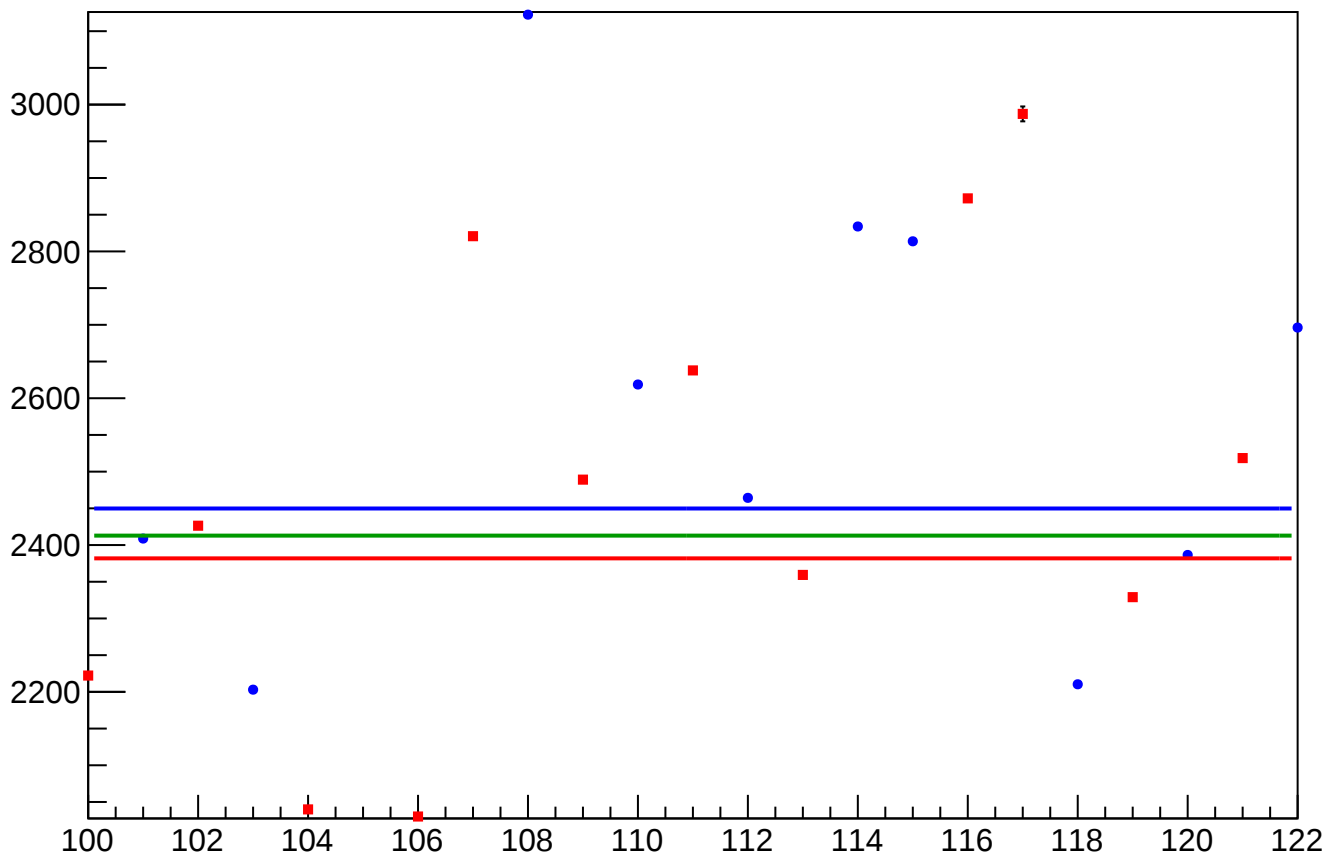
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.646+/-1.257 χ^2/NDF : 429.8/9

27.848+/-0.849 χ^2/NDF : 857.1/21

22.986+/-1.151 χ^2/NDF : 388.3/11

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2449.790 $\pm$ 0.889 χ^2/NDF : 80164.1/9

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

Right Out: 2381.855 $\pm$ 0.814 χ^2/NDF : 94325.0/11

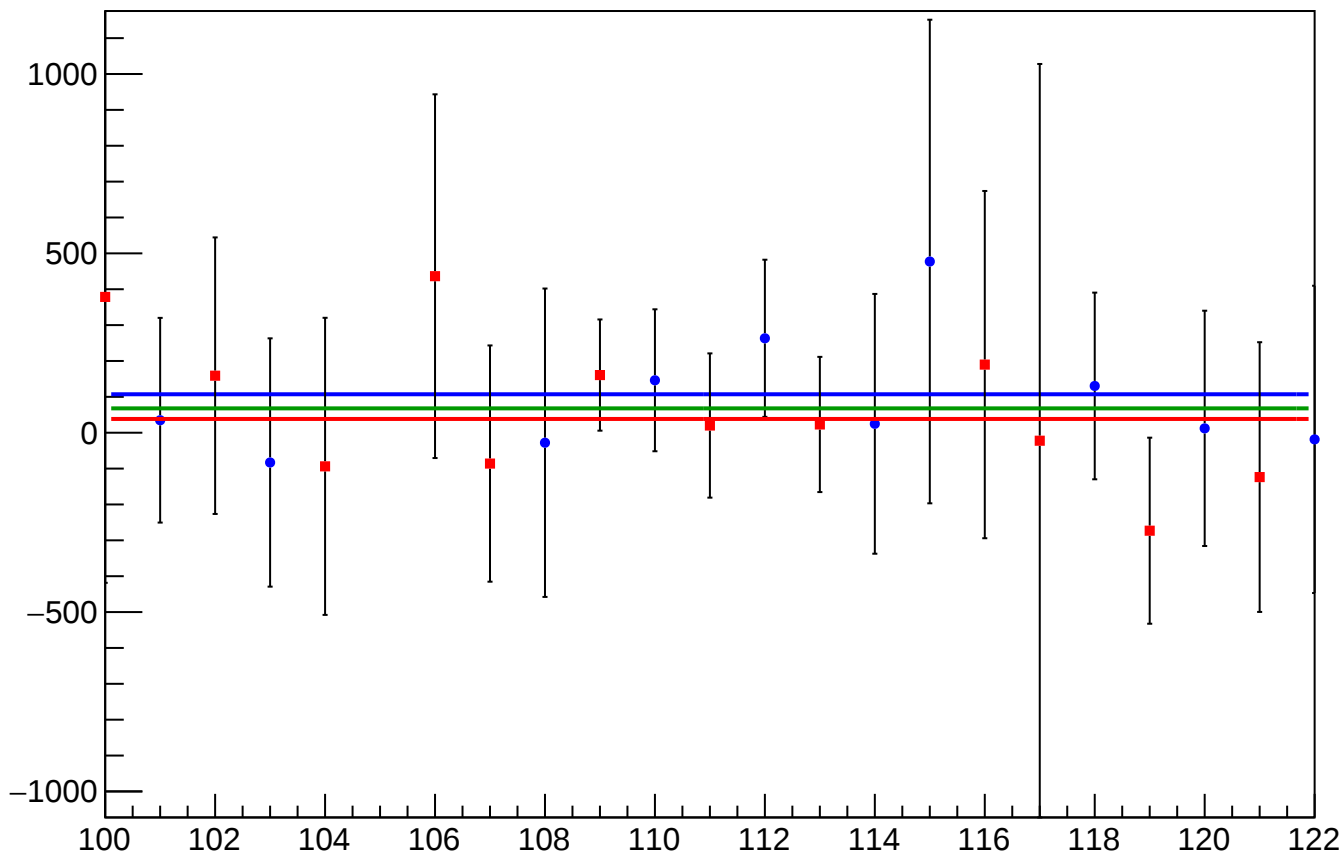
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2449.790 $\pm$ 0.889 χ^2/NDF : 80164.1/9

2412.843 $\pm$ 0.600 χ^2/NDF : 177665.1/21

2381.855 $\pm$ 0.814 χ^2/NDF : 94325.0/11

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.198 $\pm$ 94.586 χ^2 /NDF: 1.5/9

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

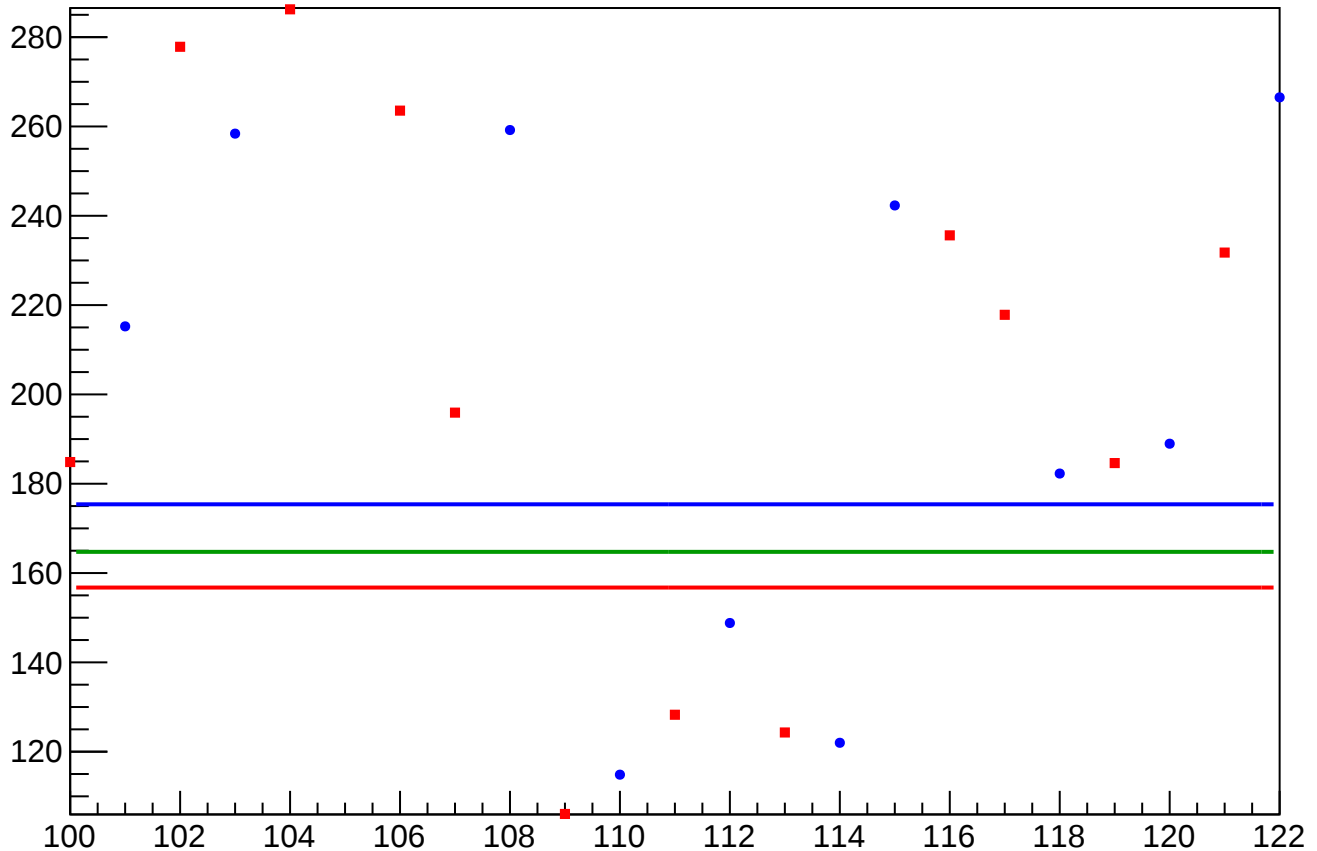
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.198 $\pm$ 94.586 χ^2 /NDF: 1.5/9

67.881 $\pm$ 61.941 χ^2 /NDF: 5.4/21

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: 175.391+/-0.067 χ^2/NDF : 605292.8/9

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

Right Out: 156.752+/-0.058 χ^2/NDF : 988324.8/11

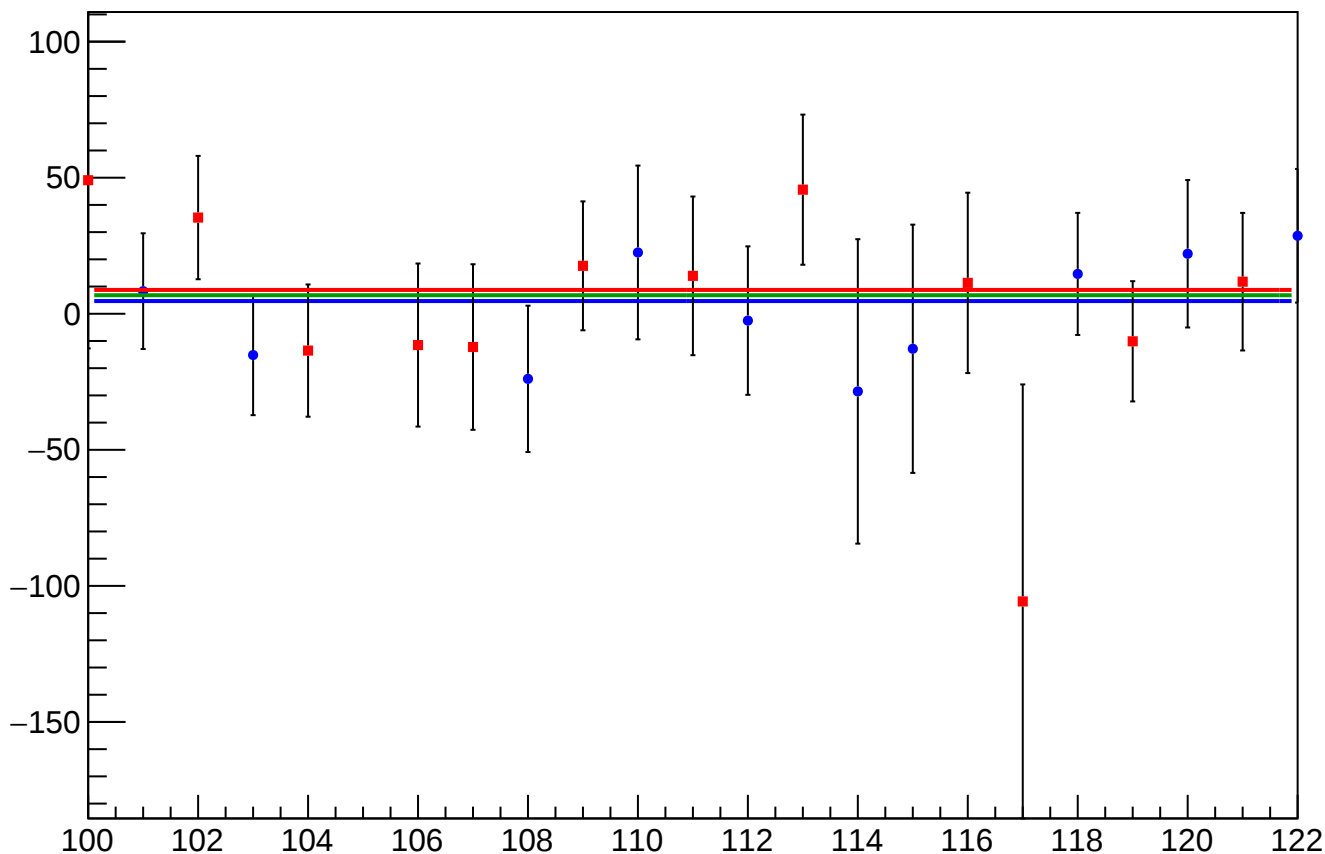
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.391+/-0.067 χ^2/NDF : 605292.8/9

164.746+/-0.044 χ^2/NDF : 1637976.0/21

156.752+/-0.058 χ^2/NDF : 988324.8/11

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.668+/-8.521 χ^2/NDF : 4.4/9

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

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

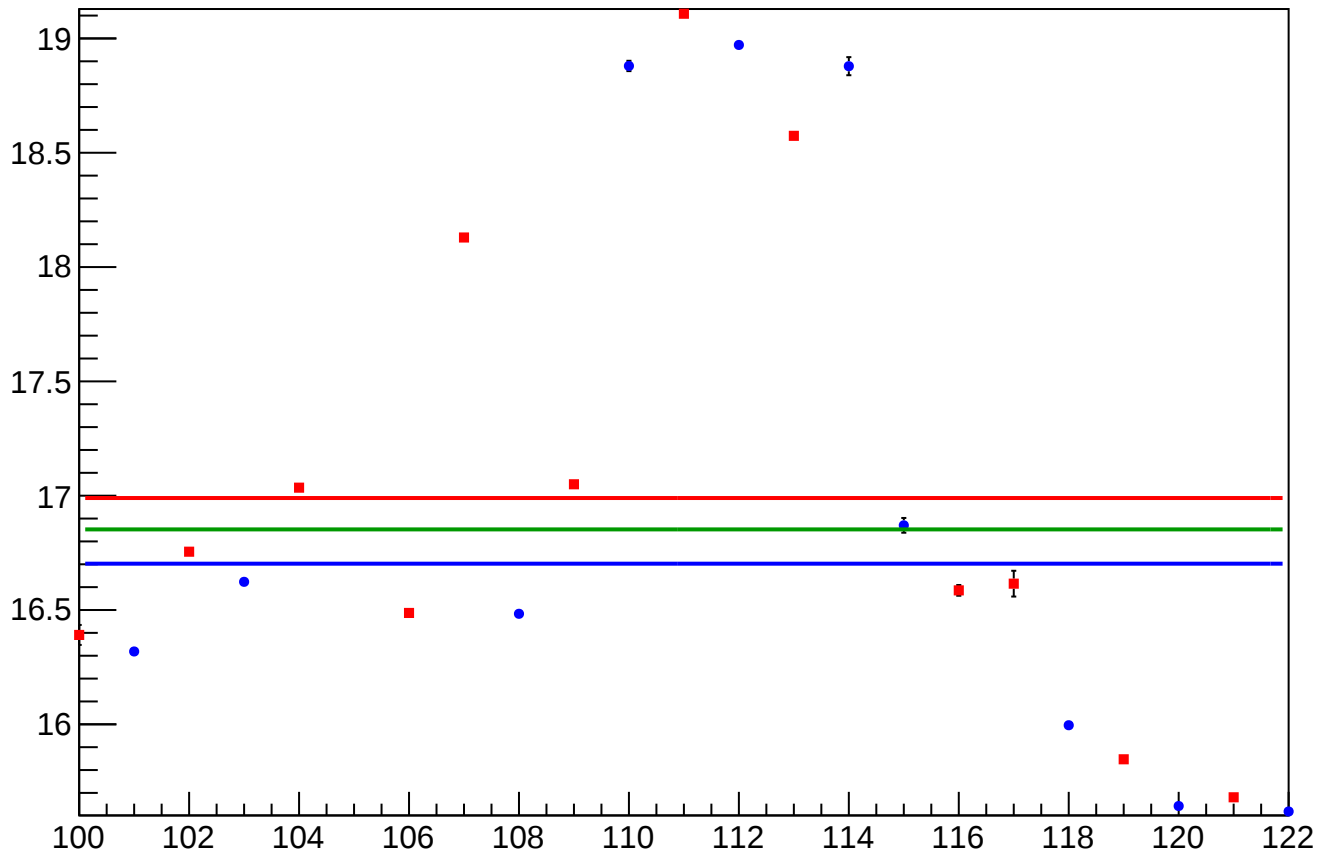
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.668+/-8.521 χ^2/NDF : 4.4/9

6.806+/-5.890 χ^2/NDF : 12.9/21

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: 16.703 ± 0.006 $\chi^2/\text{NDF}: 35937.4/9$

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

Right Out: 16.990 ± 0.006 $\chi^2/\text{NDF}: 31996.7/11$

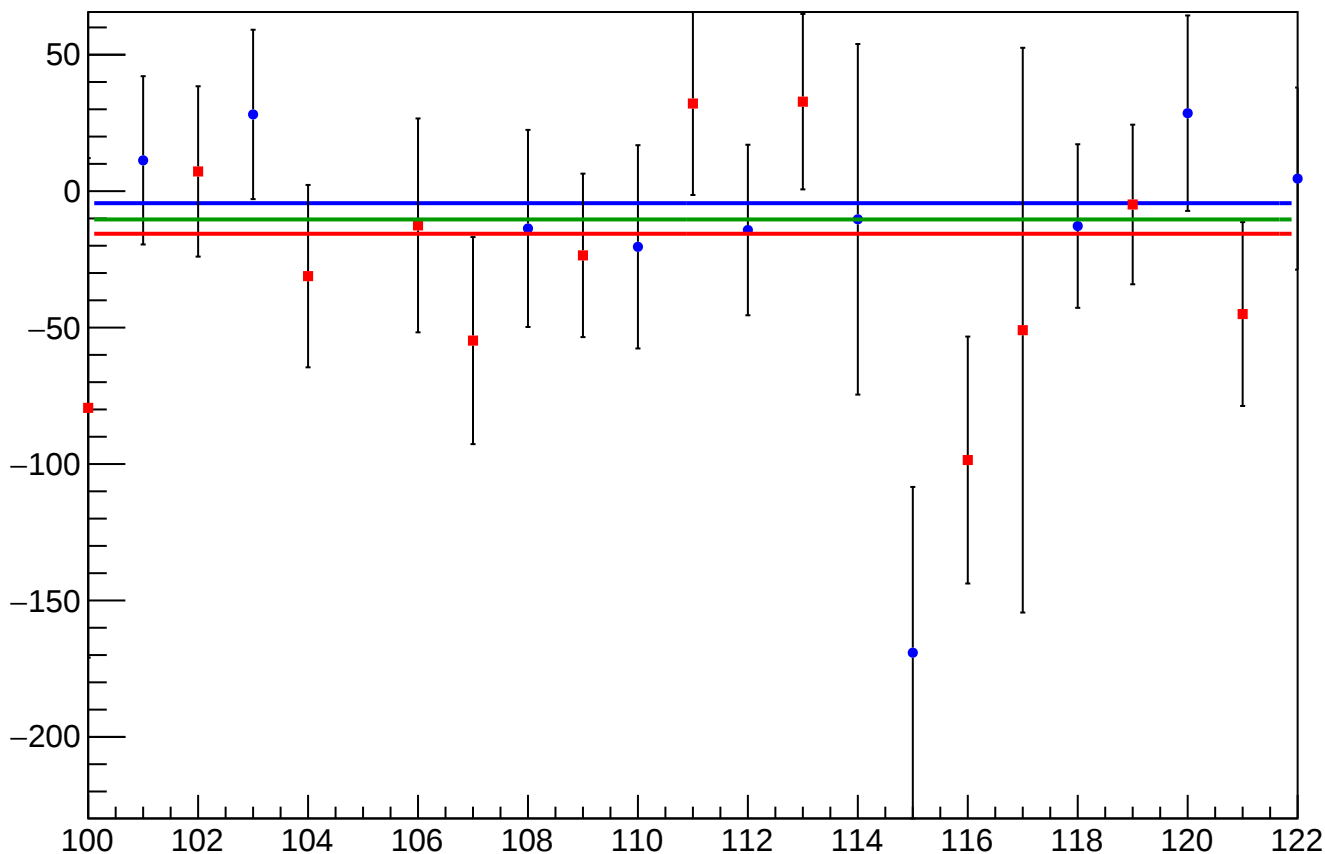
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

16.703 ± 0.006 $\chi^2/\text{NDF}: 35937.4/9$

16.853 ± 0.004 $\chi^2/\text{NDF}: 69120.5/21$

16.990 ± 0.006 $\chi^2/\text{NDF}: 31996.7/11$

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.406 ± 11.247 $\chi^2/\text{NDF}: 10.1/9$

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

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

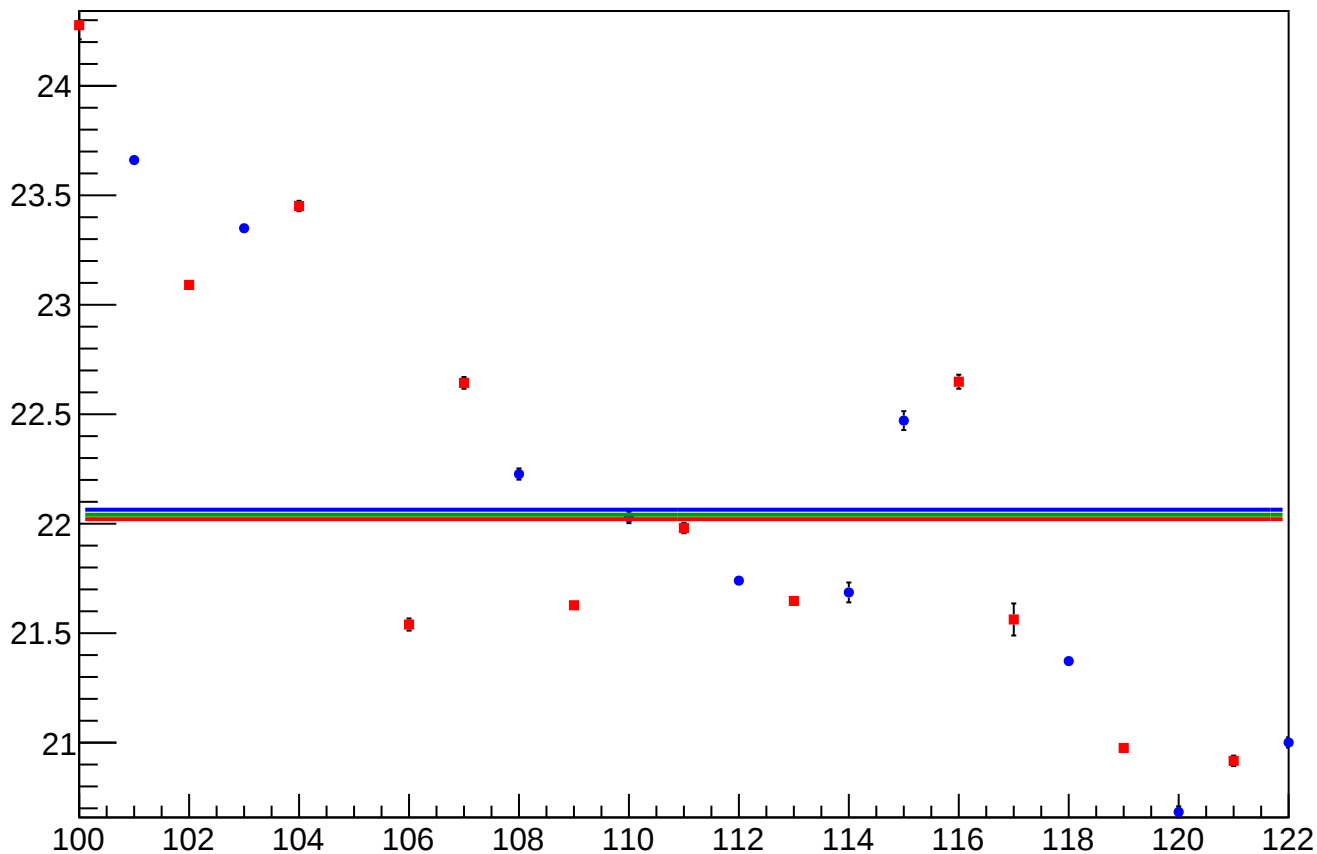
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.406 ± 11.247 $\chi^2/\text{NDF}: 10.1/9$

-10.368 ± 7.693 $\chi^2/\text{NDF}: 21.6/21$

-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: 22.064+/-0.008 χ^2 /NDF: 15283.1/9

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

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

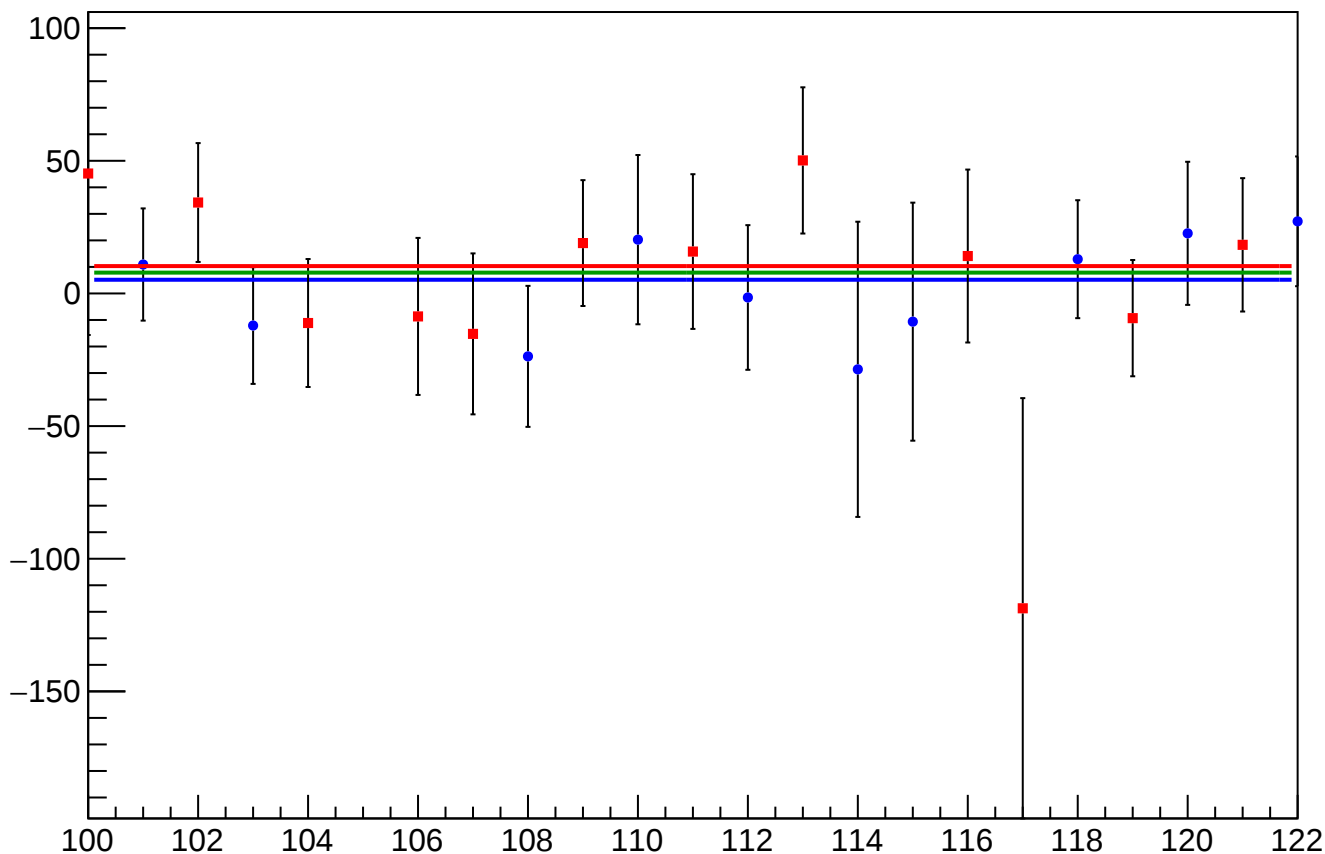
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

22.064+/-0.008 χ^2 /NDF: 15283.1/9

22.041+/-0.005 χ^2 /NDF: 29111.0/21

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: 5.161+/-8.471 χ^2/NDF : 4.0/9

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

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

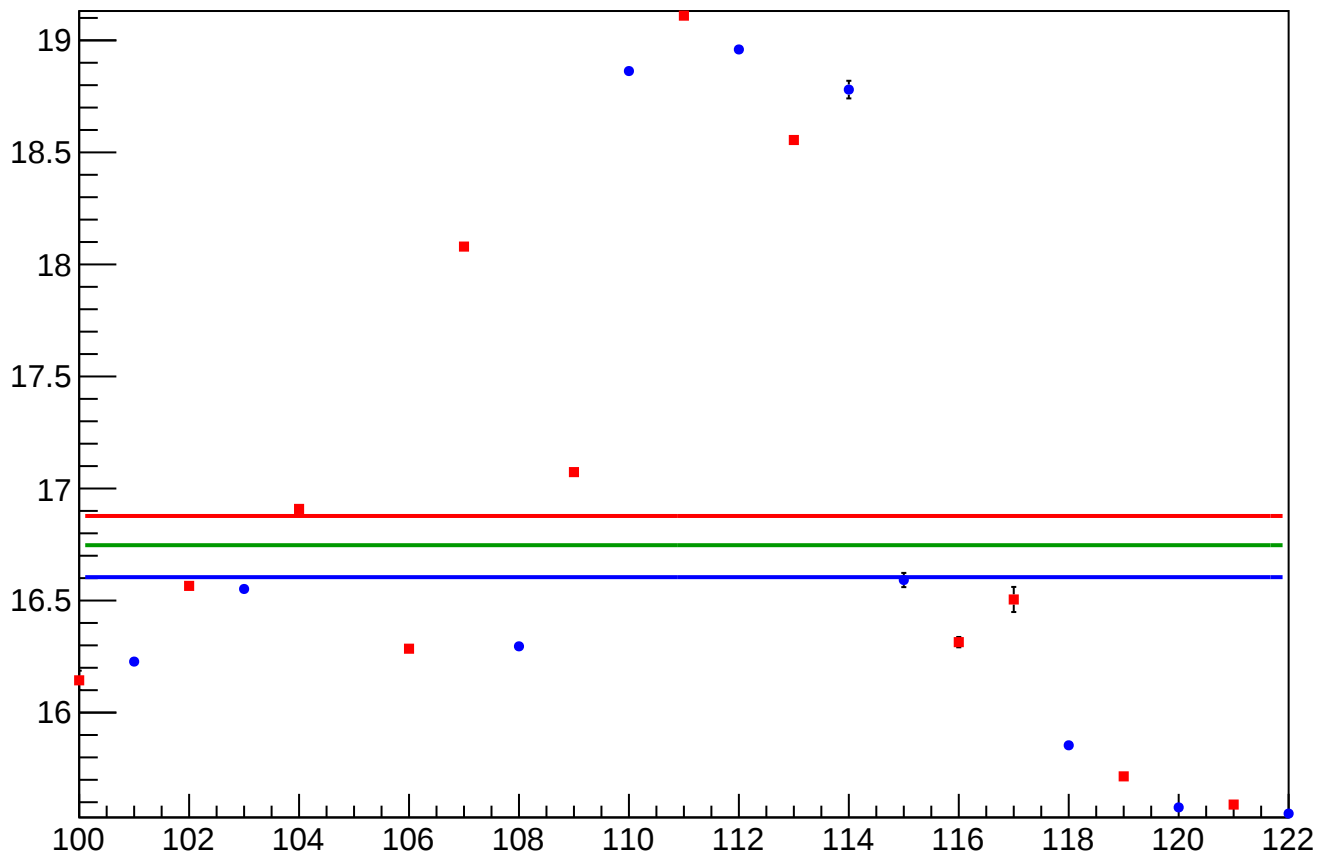
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.161+/-8.471 χ^2/NDF : 4.0/9

7.852+/-5.854 χ^2/NDF : 13.4/21

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: 16.604 ± 0.006 χ^2/NDF : 37825.7/9

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

Right Out: 16.877 ± 0.006 χ^2/NDF : 35419.3/11

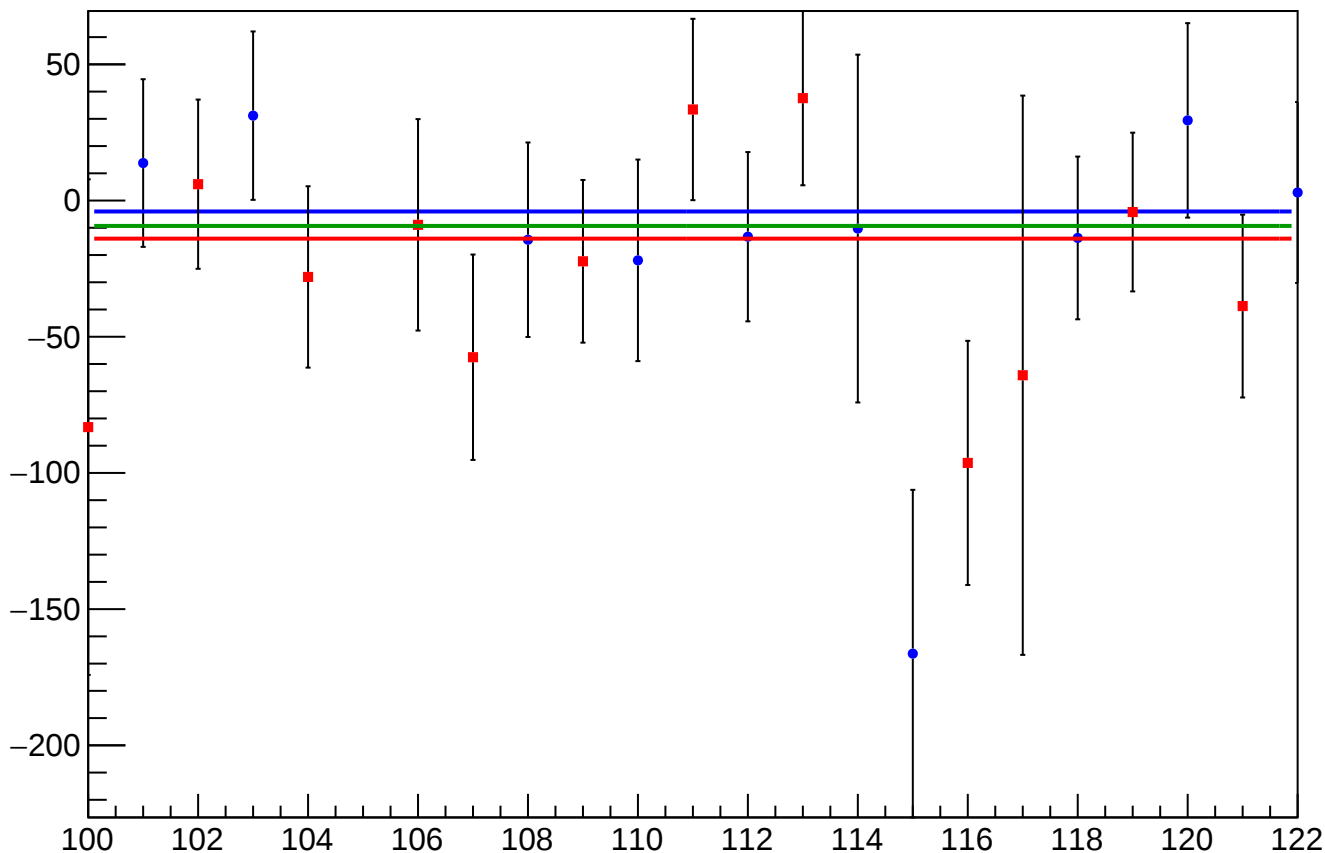
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

16.604 ± 0.006 χ^2/NDF : 37825.7/9

16.747 ± 0.004 χ^2/NDF : 74330.5/21

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: -4.011 $\pm$ 11.190 χ^2 /NDF: 10.4/9

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

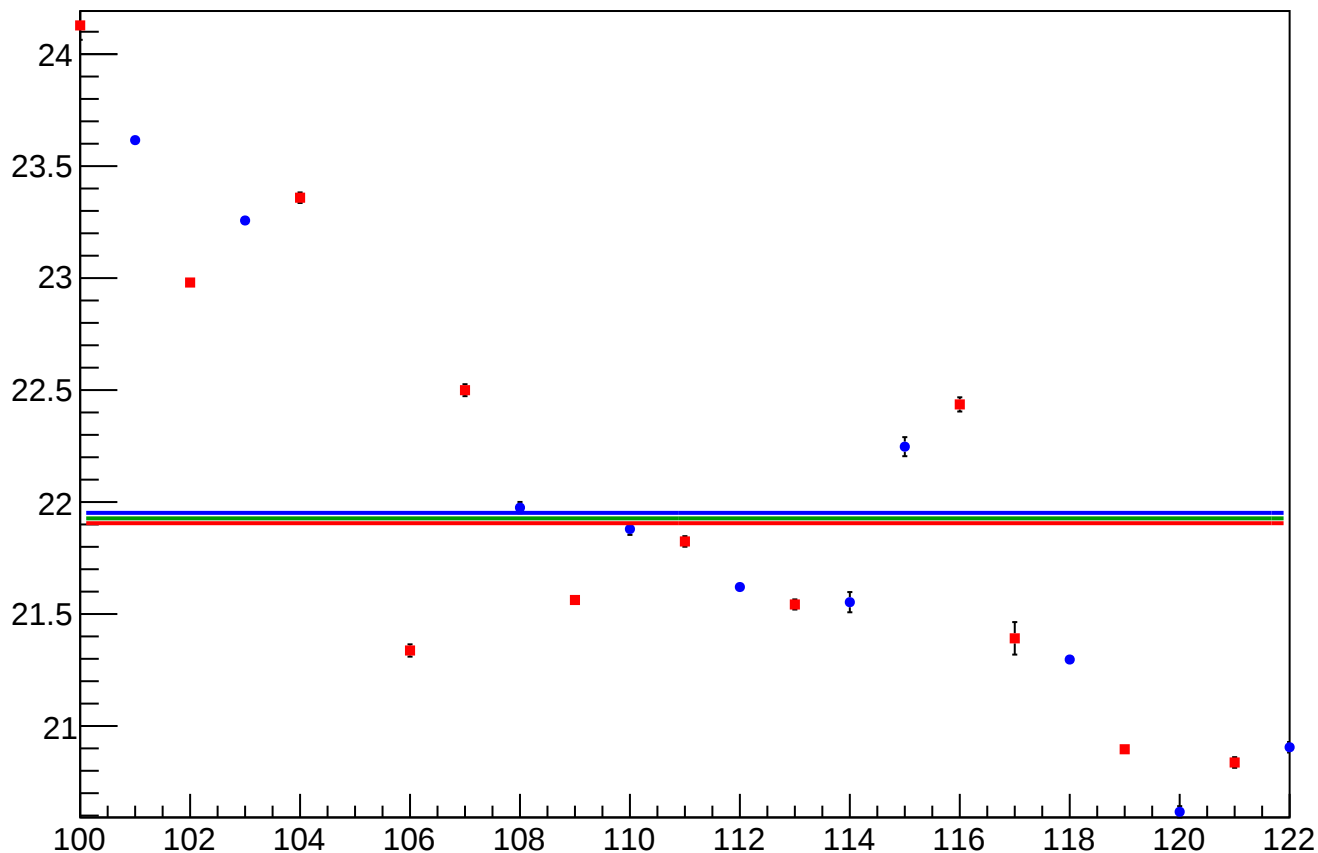
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-4.011 $\pm$ 11.190 χ^2 /NDF: 10.4/9

-9.316 $\pm$ 7.653 χ^2 /NDF: 22.3/21

-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: 21.952 $\pm$ 0.008 χ^2 /NDF: 15522.9/9

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

Right Out: 21.906 $\pm$ 0.007 χ^2 /NDF: 13616.1/11

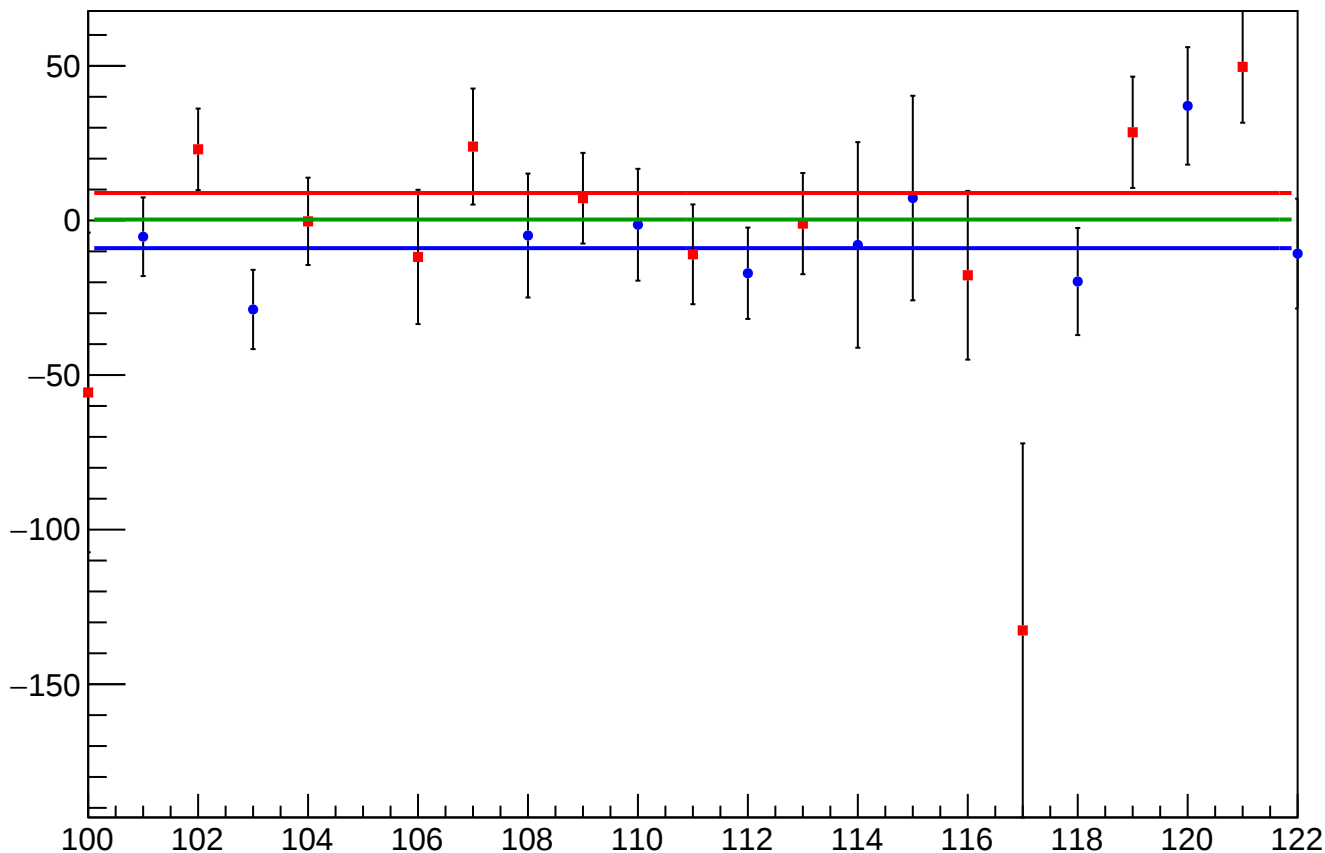
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.952 $\pm$ 0.008 χ^2 /NDF: 15522.9/9

21.927 $\pm$ 0.005 χ^2 /NDF: 29157.1/21

21.906 $\pm$ 0.007 χ^2 /NDF: 13616.1/11

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.954+/-5.466 χ^2 /NDF: 9.5/9

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

Right Out: 8.893+/-5.263 χ^2 /NDF: 19.3/11

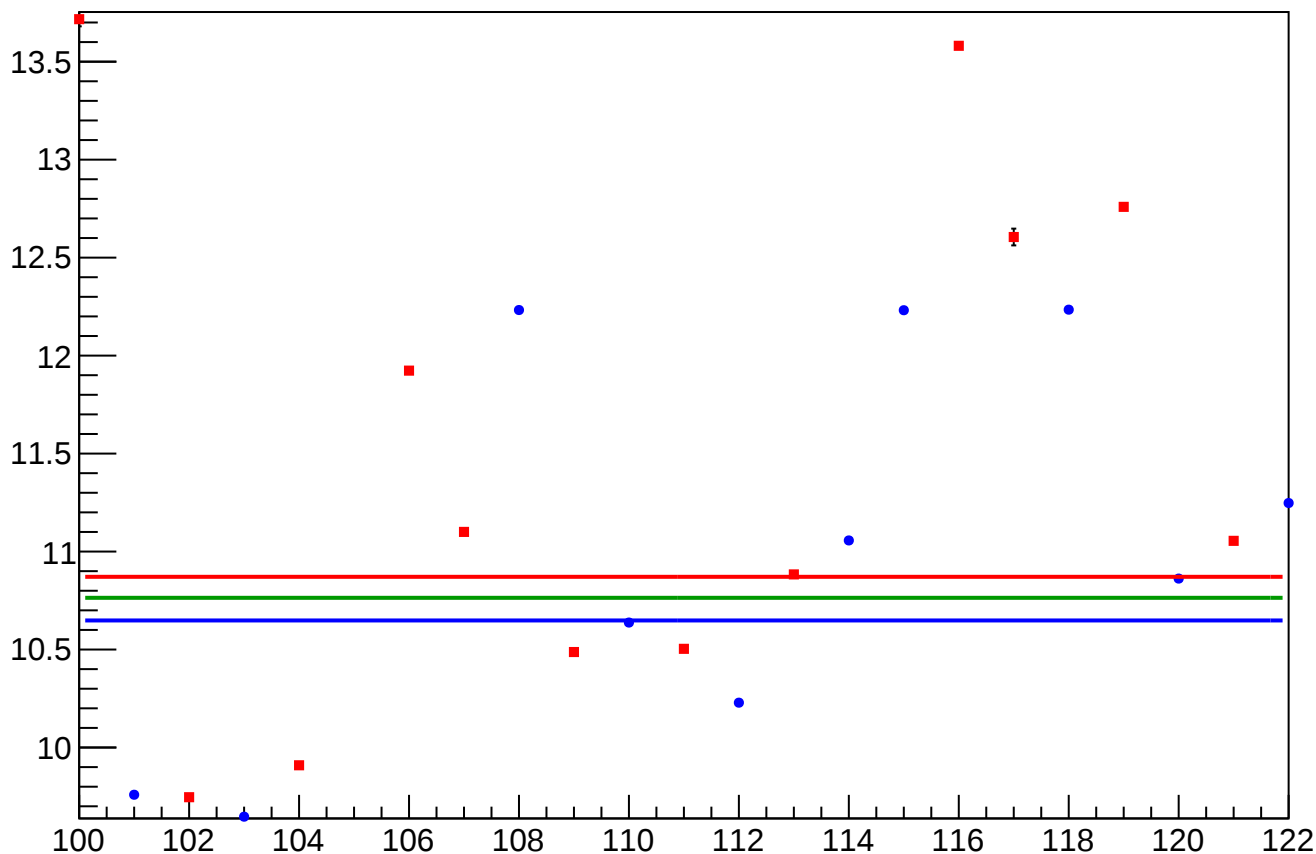
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-8.954+/-5.466 χ^2 /NDF: 9.5/9

0.306+/-3.791 χ^2 /NDF: 34.3/21

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: 10.648 ± 0.004 $\chi^2/\text{NDF}: 60263.9/9$

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

Right Out: 10.871 ± 0.004 $\chi^2/\text{NDF}: 80873.5/11$

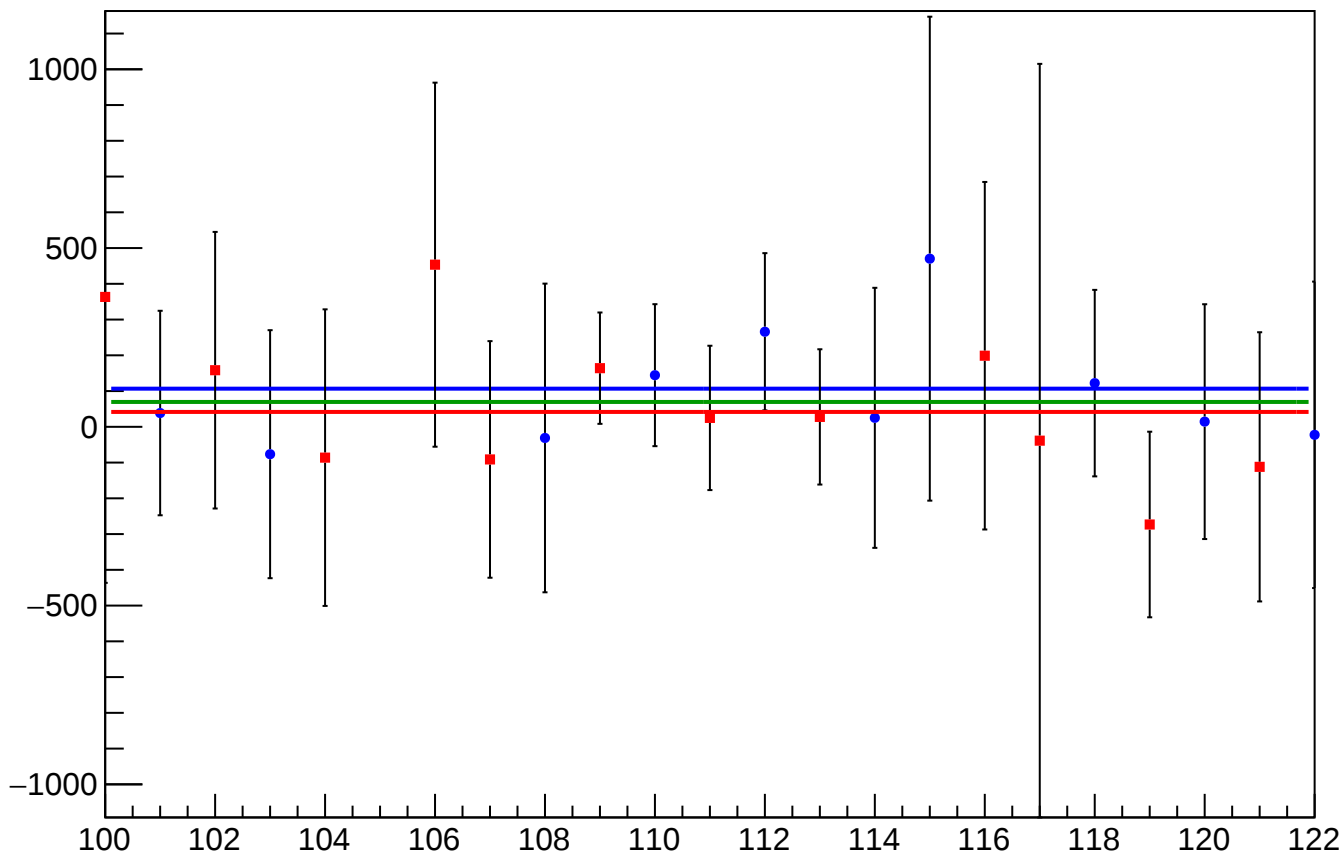
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

10.648 ± 0.004 $\chi^2/\text{NDF}: 60263.9/9$

10.764 ± 0.003 $\chi^2/\text{NDF}: 142860.6/21$

10.871 ± 0.004 $\chi^2/\text{NDF}: 80873.5/11$

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.723 $\pm$ 94.864 χ^2 /NDF: 1.5/9

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

Right Out: 41.643 $\pm$ 82.254 χ^2 /NDF: 3.5/11

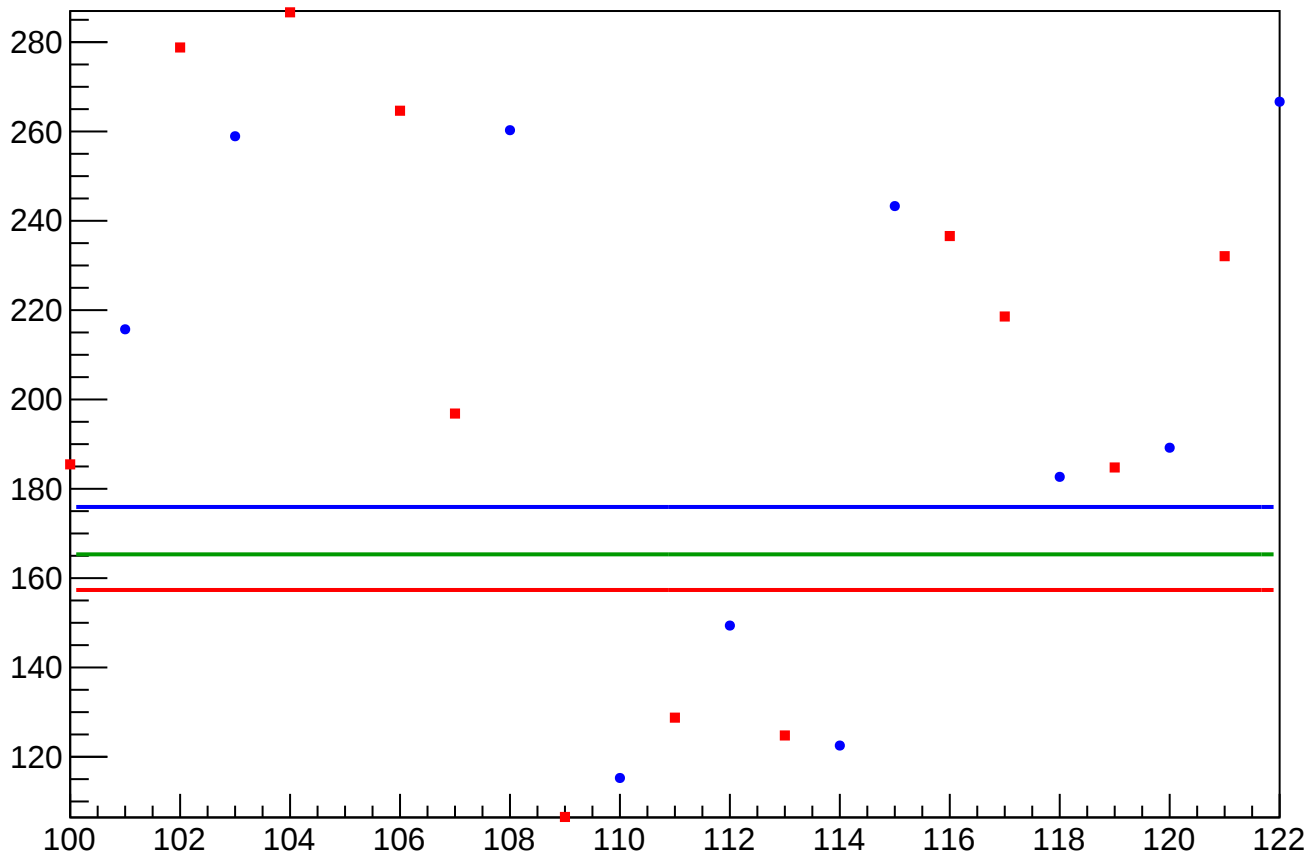
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.723 $\pm$ 94.864 χ^2 /NDF: 1.5/9

69.573 $\pm$ 62.146 χ^2 /NDF: 5.3/21

41.643 $\pm$ 82.254 χ^2 /NDF: 3.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 175.935+/-0.067 χ^2/NDF : 602688.1/9

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

Right Out: 157.349+/-0.058 χ^2/NDF : 984857.9/11

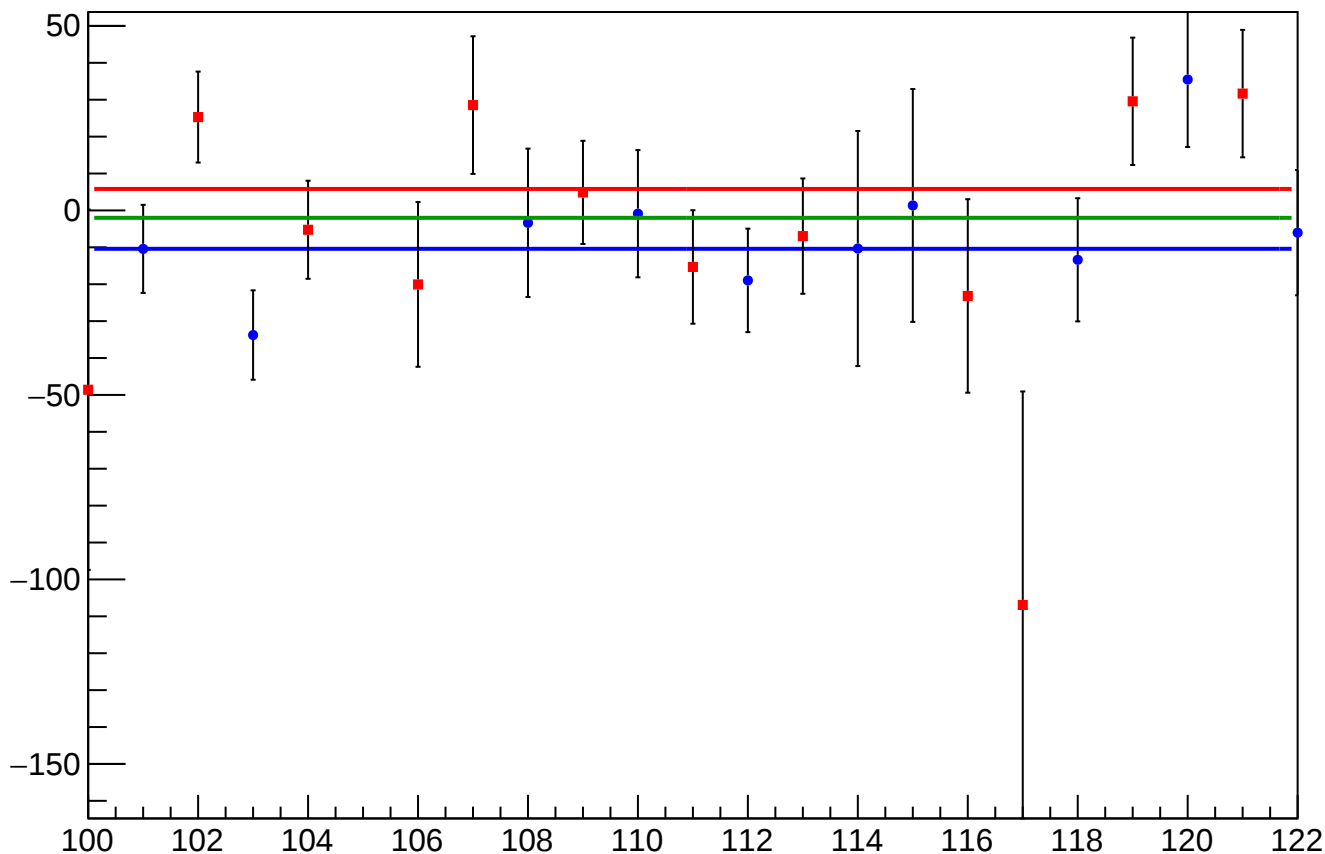
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.935+/-0.067 χ^2/NDF : 602688.1/9

165.325+/-0.044 χ^2/NDF : 1631367.7/21

157.349+/-0.058 χ^2/NDF : 984857.9/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.403 ± 5.213 $\chi^2/\text{NDF}: 11.0/9$

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

Right Out: 5.823 ± 5.035 $\chi^2/\text{NDF}: 19.0/11$

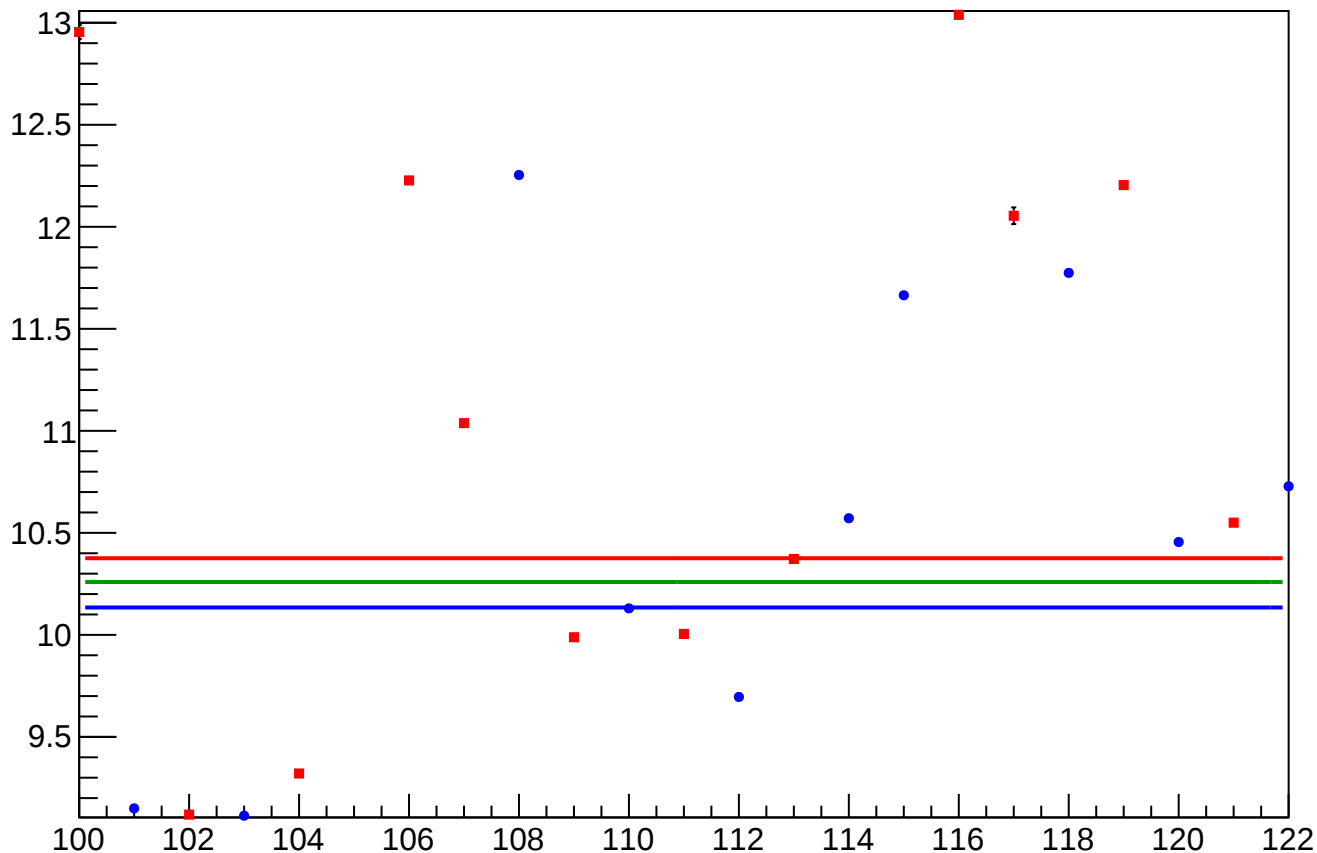
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-10.403 ± 5.213 $\chi^2/\text{NDF}: 11.0/9$

-2.008 ± 3.621 $\chi^2/\text{NDF}: 35.0/21$

5.823 ± 5.035 $\chi^2/\text{NDF}: 19.0/11$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.134+/-0.004 χ^2/NDF : 79431.8/9

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

Right Out: 10.376+/-0.004 χ^2/NDF : 102933.6/11

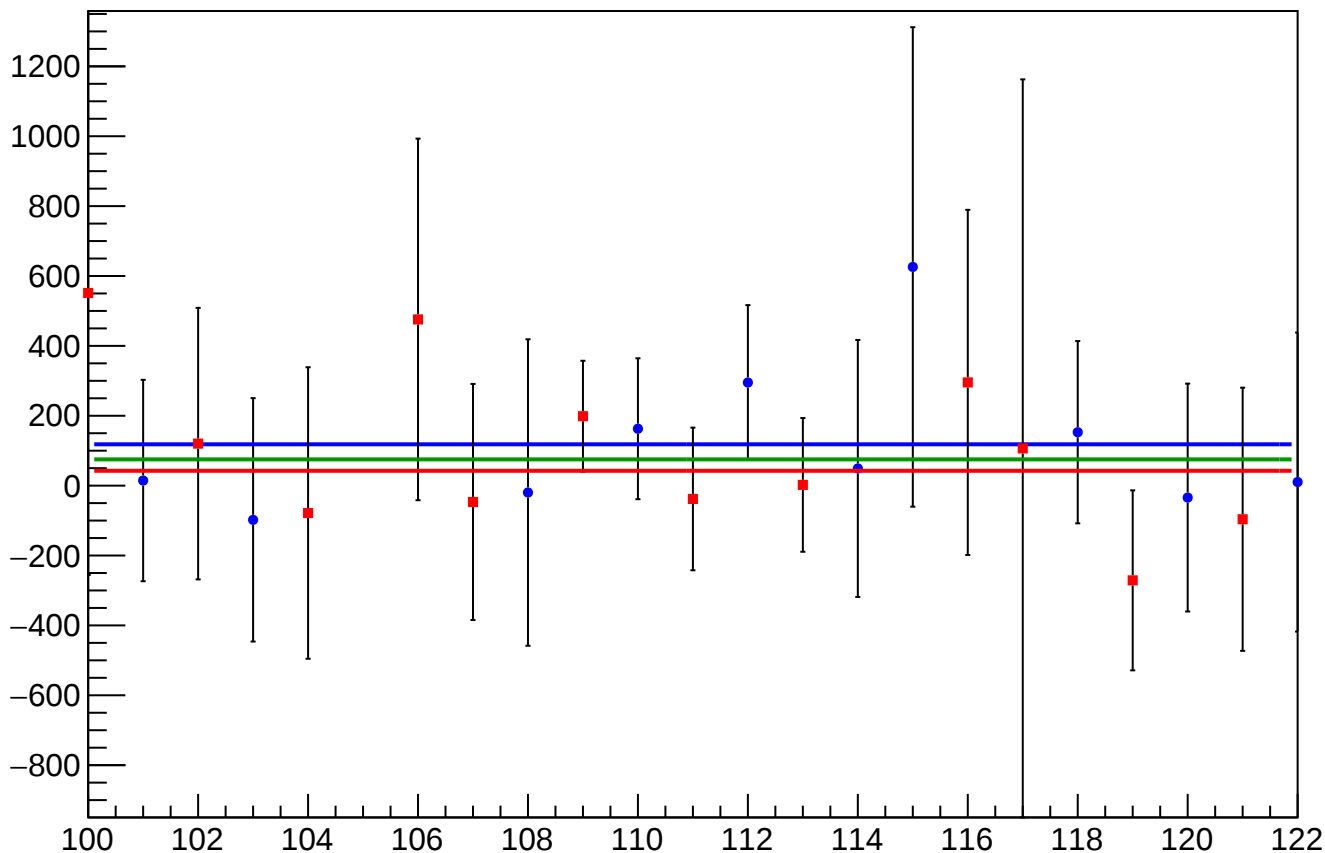
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.134+/-0.004 χ^2/NDF : 79431.8/9

10.259+/-0.003 χ^2/NDF : 184584.4/21

10.376+/-0.004 χ^2/NDF : 102933.6/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 118.312 $\pm$ 95.560 χ^2 /NDF: 2.2/9

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

Right Out: 42.502 $\pm$ 83.171 χ^2 /NDF: 4.3/11

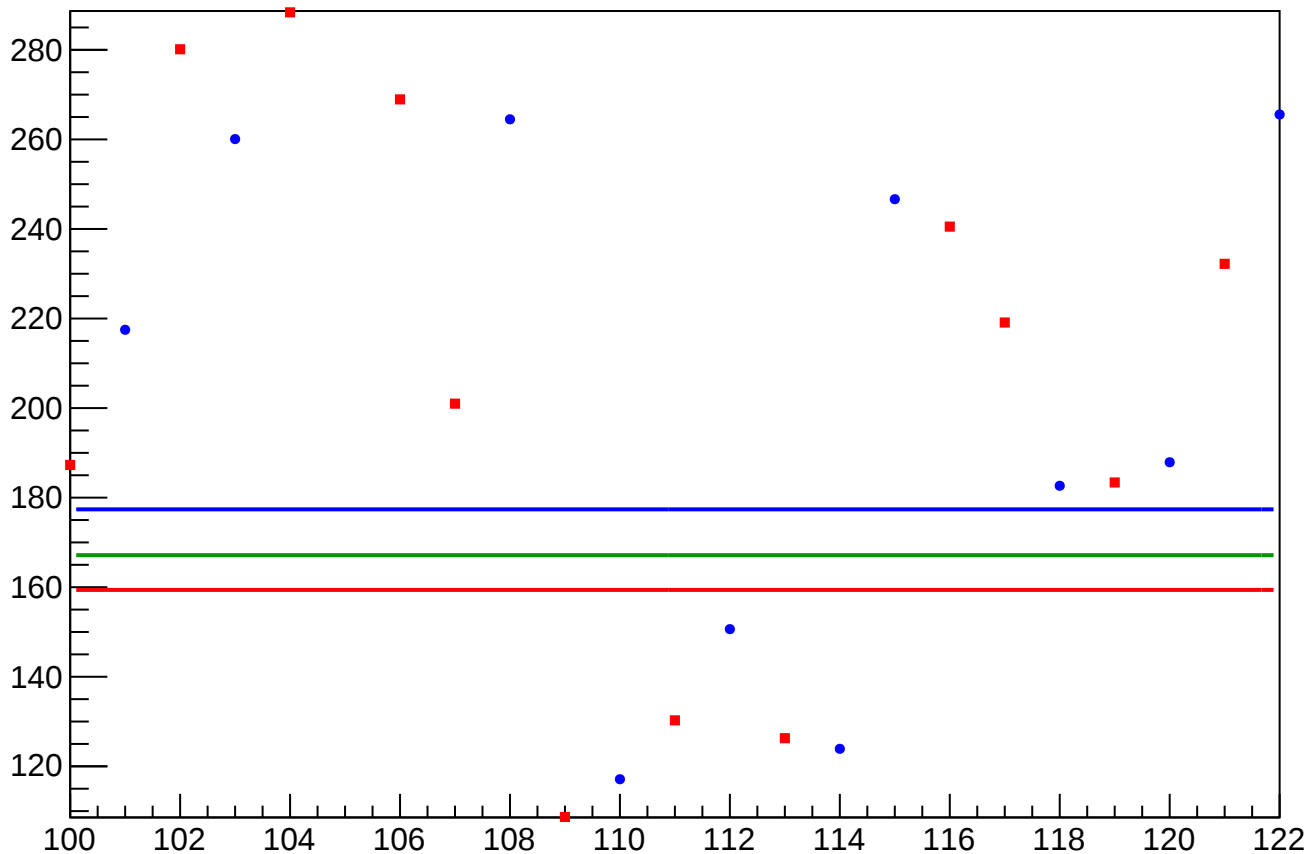
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.312 $\pm$ 95.560 χ^2 /NDF: 2.2/9

75.177 $\pm$ 62.737 χ^2 /NDF: 6.9/21

42.502 $\pm$ 83.171 χ^2 /NDF: 4.3/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.384+/-0.068 χ^2/NDF : 588512.1/9

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

Right Out: 159.399+/-0.059 χ^2/NDF : 964047.8/11

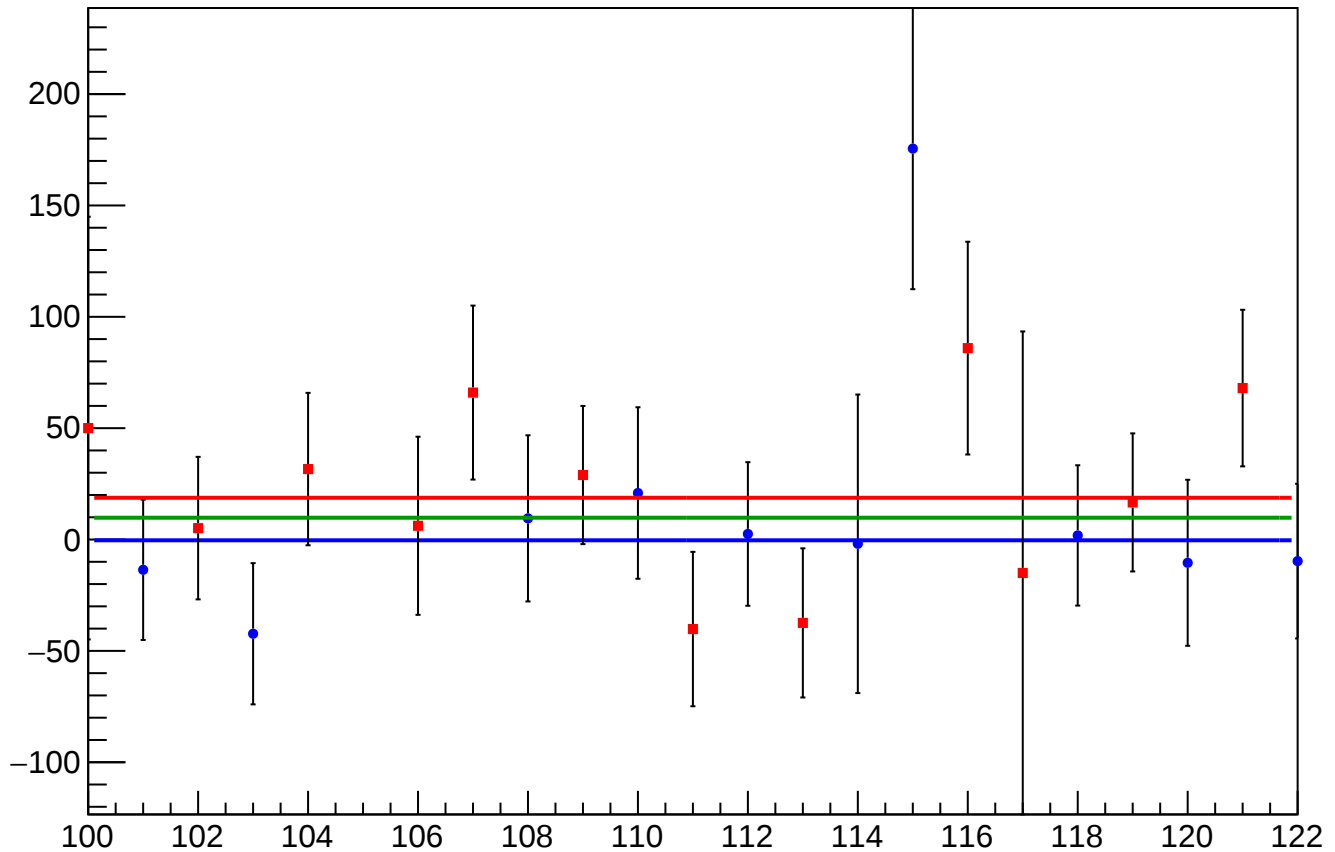
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.384+/-0.068 χ^2/NDF : 588512.1/9

167.150+/-0.044 χ^2/NDF : 1592869.2/21

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: -0.342 ± 11.635 $\chi^2/\text{NDF}: 10.2/9$

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

Right Out: 18.749 ± 10.938 $\chi^2/\text{NDF}: 11.9/11$

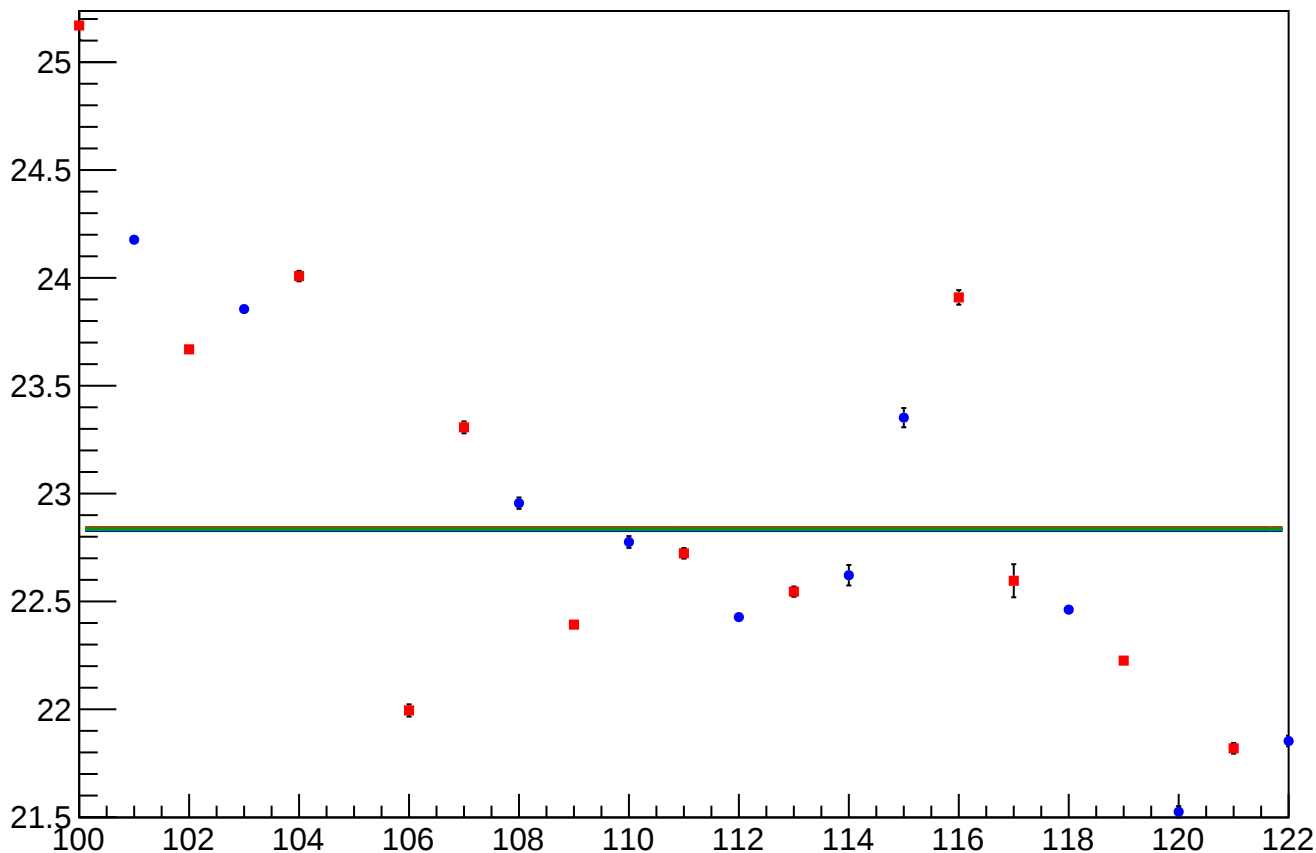
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.342 ± 11.635 $\chi^2/\text{NDF}: 10.2/9$

9.793 ± 7.969 $\chi^2/\text{NDF}: 23.5/21$

18.749 ± 10.938 $\chi^2/\text{NDF}: 11.9/11$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.831+/-0.008 χ^2/NDF : 10550.5/9

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

Right Out: 22.840+/-0.008 χ^2/NDF : 10137.9/11

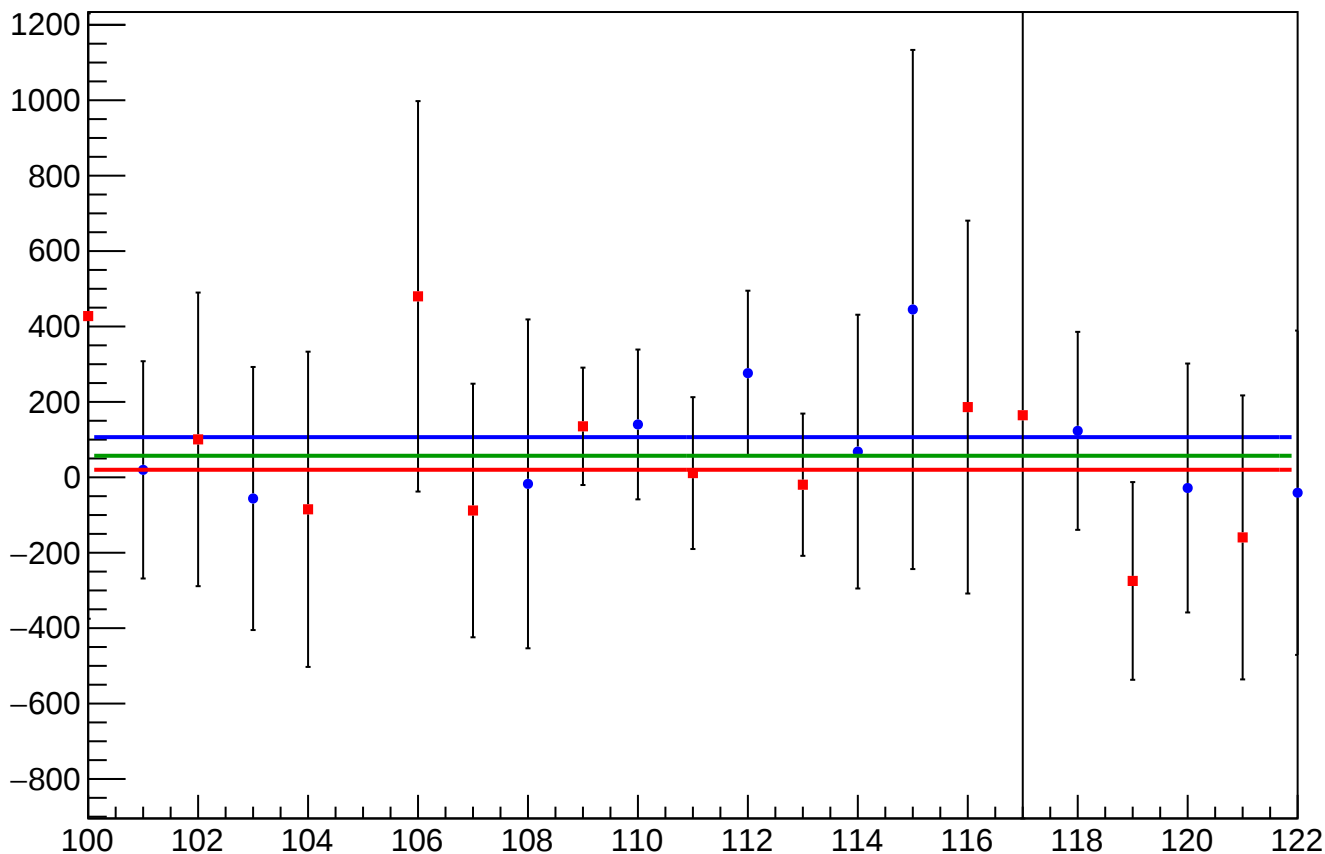
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.831+/-0.008 χ^2/NDF : 10550.5/9

22.836+/-0.006 χ^2/NDF : 20689.0/21

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: 106.574 $\pm$ 95.099 χ^2 /NDF: 1.6/9

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

Right Out: 20.044 $\pm$ 82.463 χ^2 /NDF: 3.5/11

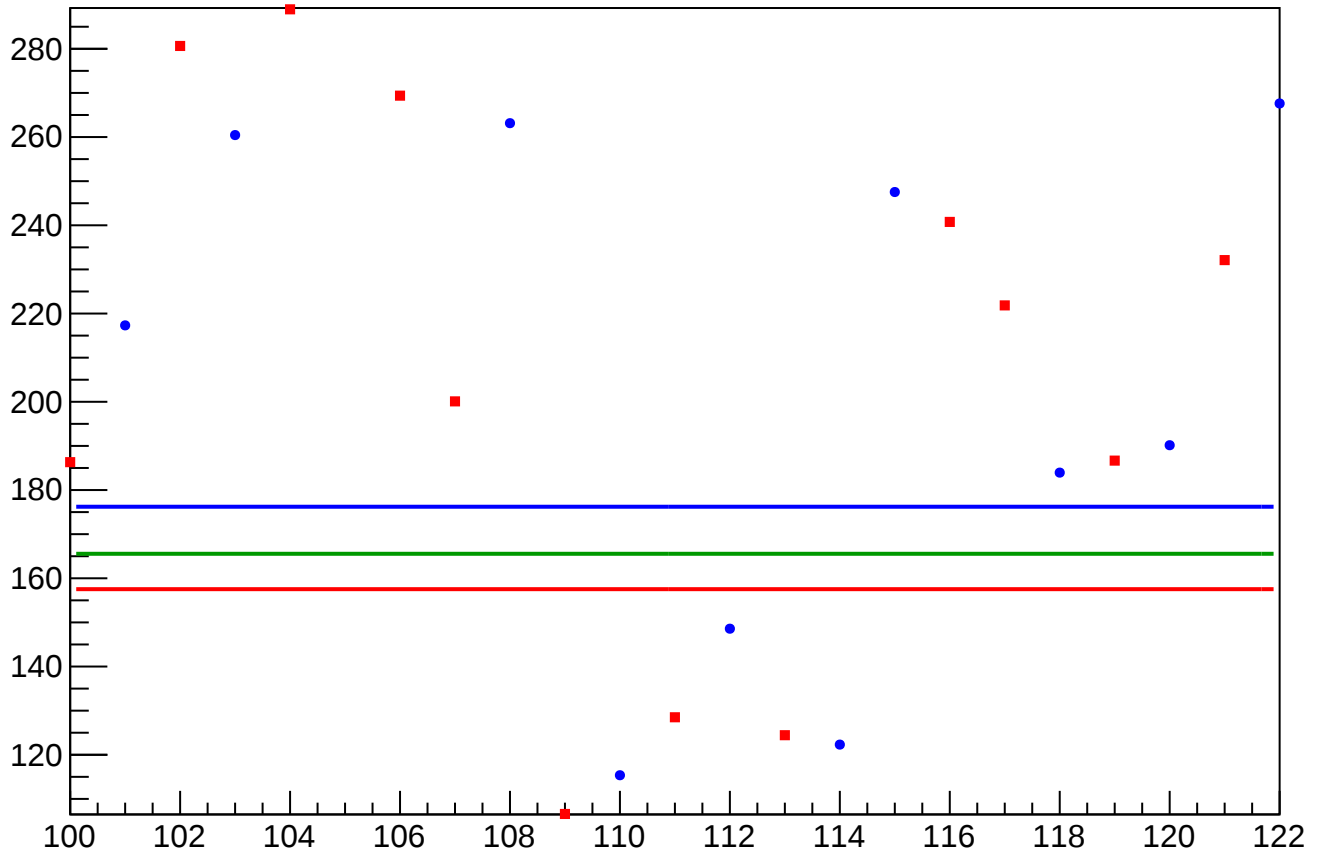
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.574 $\pm$ 95.099 χ^2 /NDF: 1.6/9

57.182 $\pm$ 62.302 χ^2 /NDF: 5.5/21

20.044 $\pm$ 82.463 χ^2 /NDF: 3.5/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.218 $\pm$ 0.067 χ^2 /NDF: 617590.2/9

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

Right Out: 157.535 $\pm$ 0.058 χ^2 /NDF: 1010012.1/11

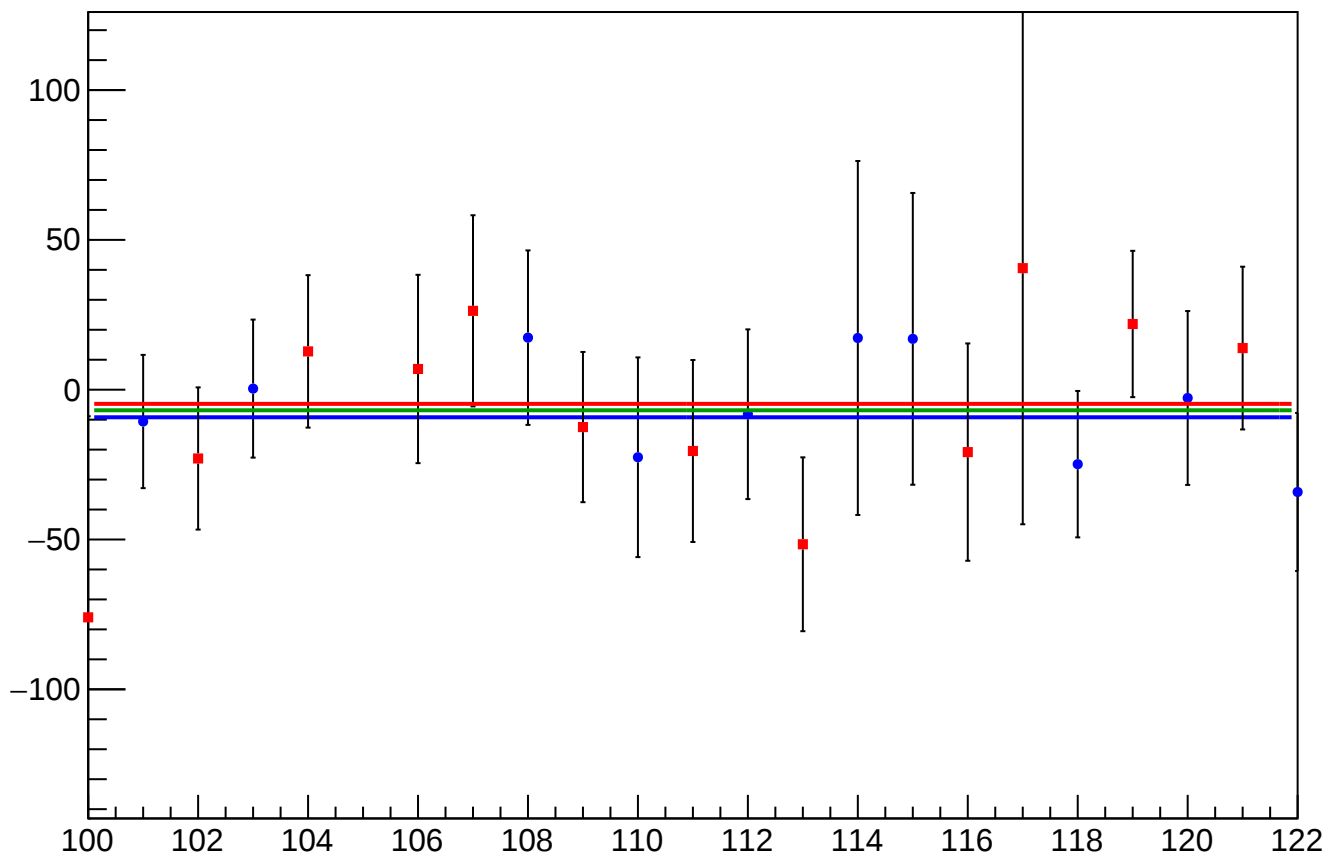
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.218 $\pm$ 0.067 χ^2 /NDF: 617590.2/9

165.553 $\pm$ 0.044 χ^2 /NDF: 1671664.1/21

157.535 $\pm$ 0.058 χ^2 /NDF: 1010012.1/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.204+/-9.038 χ^2/NDF : 3.0/9

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

Right Out: -4.727+/-8.661 χ^2/NDF : 8.4/11

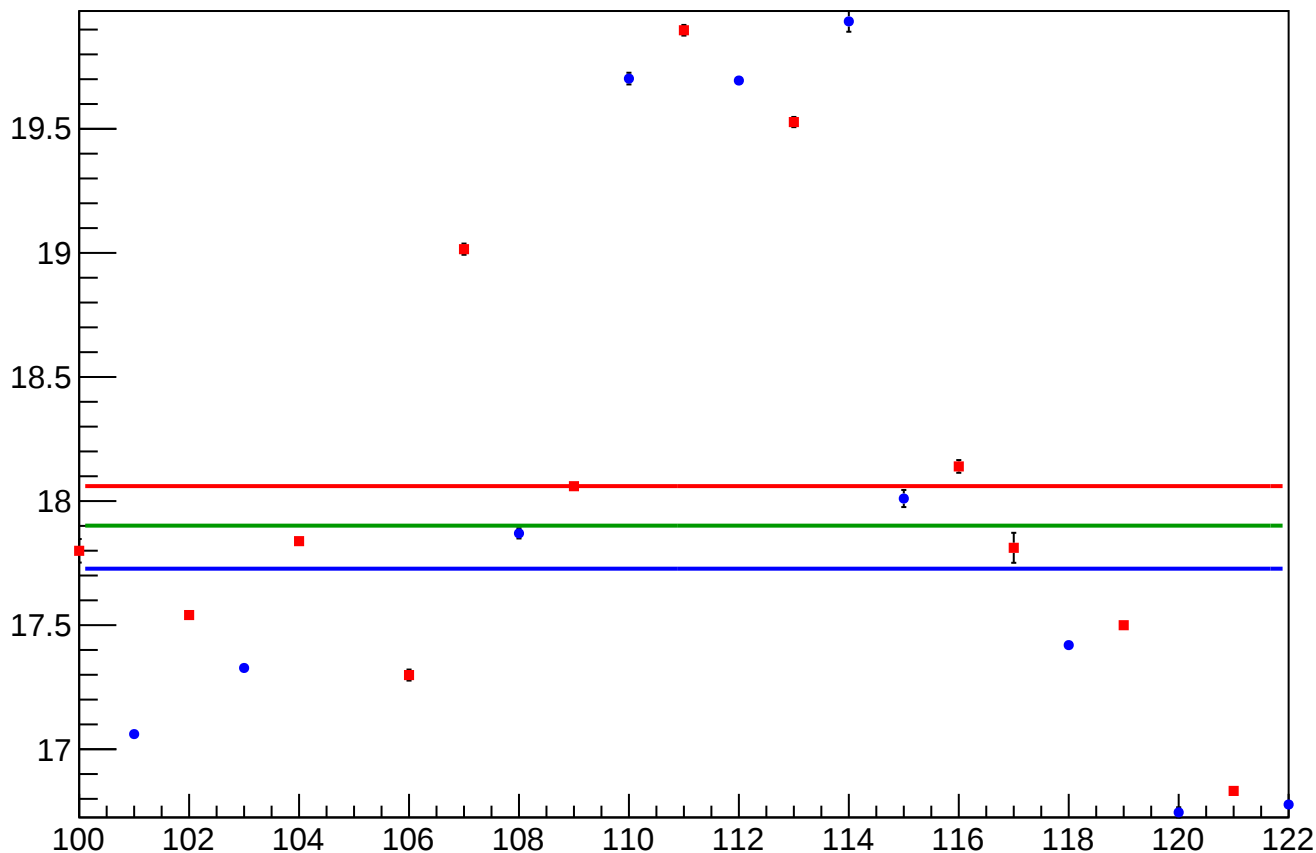
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.204+/-9.038 χ^2/NDF : 3.0/9

-6.870+/-6.253 χ^2/NDF : 11.5/21

-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: 17.728+/-0.006 χ^2/NDF : 27178.8/9

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

Right Out: 18.060+/-0.006 χ^2/NDF : 21712.3/11

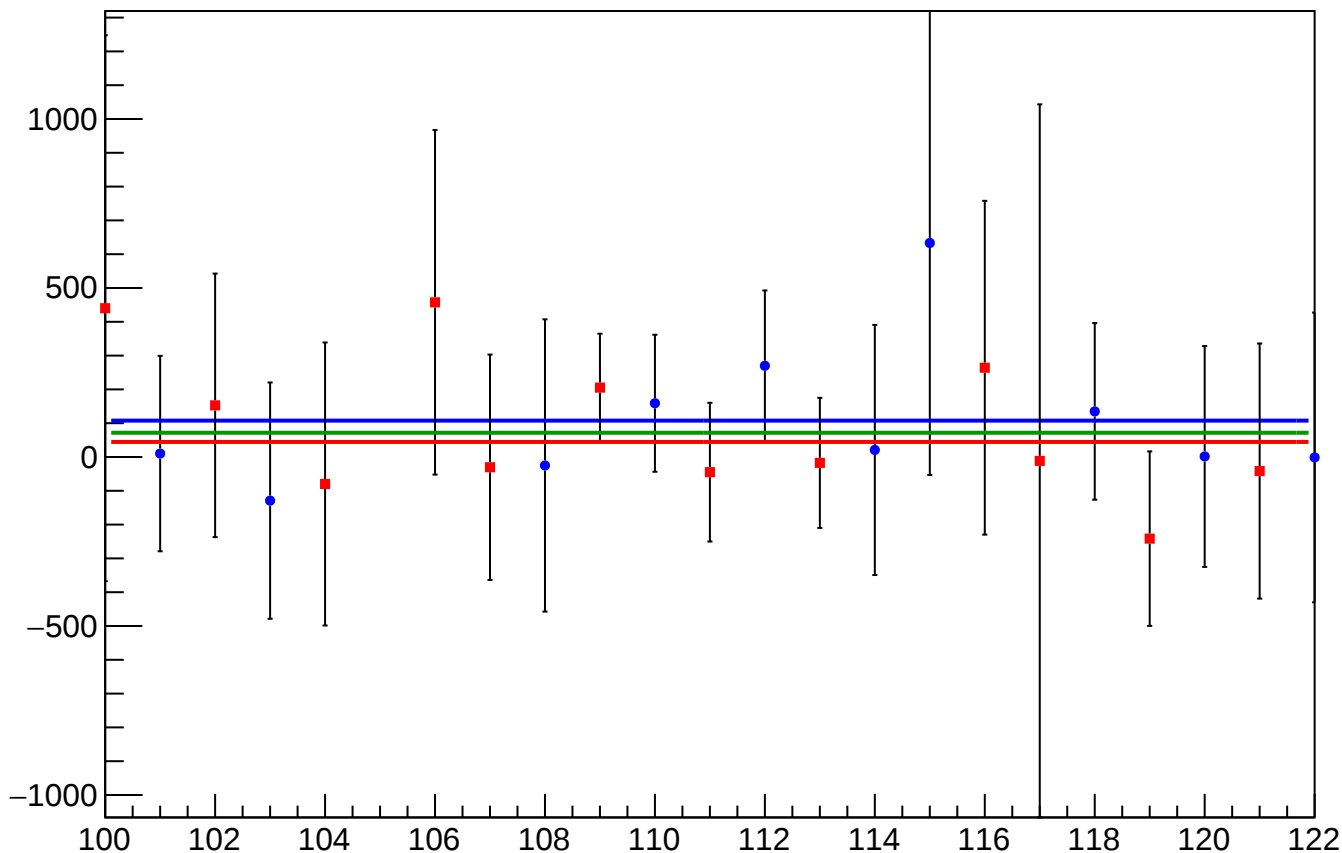
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.728+/-0.006 χ^2/NDF : 27178.8/9

17.901+/-0.004 χ^2/NDF : 50304.2/21

18.060+/-0.006 χ^2/NDF : 21712.3/11

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.640 $\pm$ 95.840 χ^2 /NDF: 2.1/9

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

Right Out: 44.570 $\pm$ 83.395 χ^2 /NDF: 3.9/11

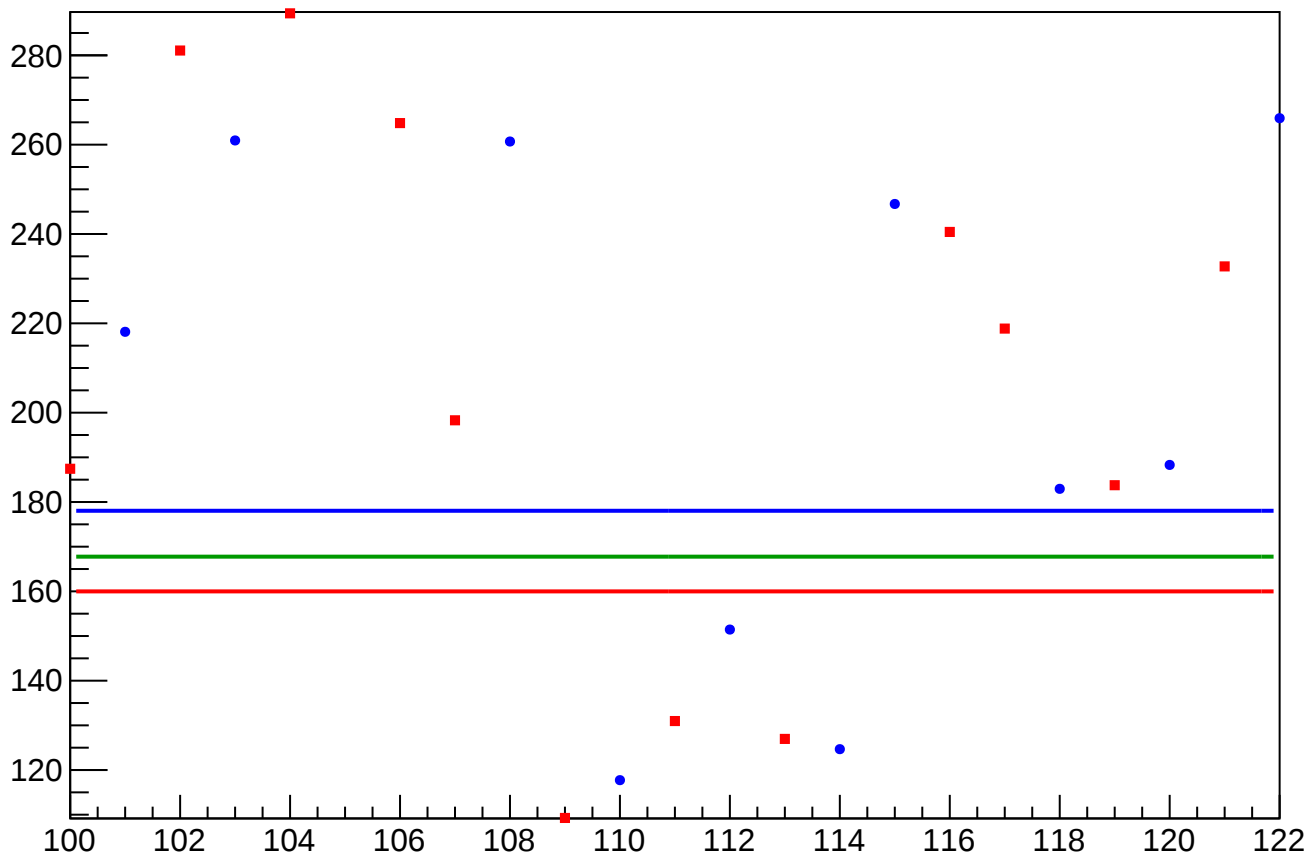
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.640 $\pm$ 95.840 χ^2 /NDF: 2.1/9

71.747 $\pm$ 62.912 χ^2 /NDF: 6.2/21

44.570 $\pm$ 83.395 χ^2 /NDF: 3.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.037+/-0.068 χ^2/NDF : 577982.8/9

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

Right Out: 159.990+/-0.059 χ^2/NDF : 949289.8/11

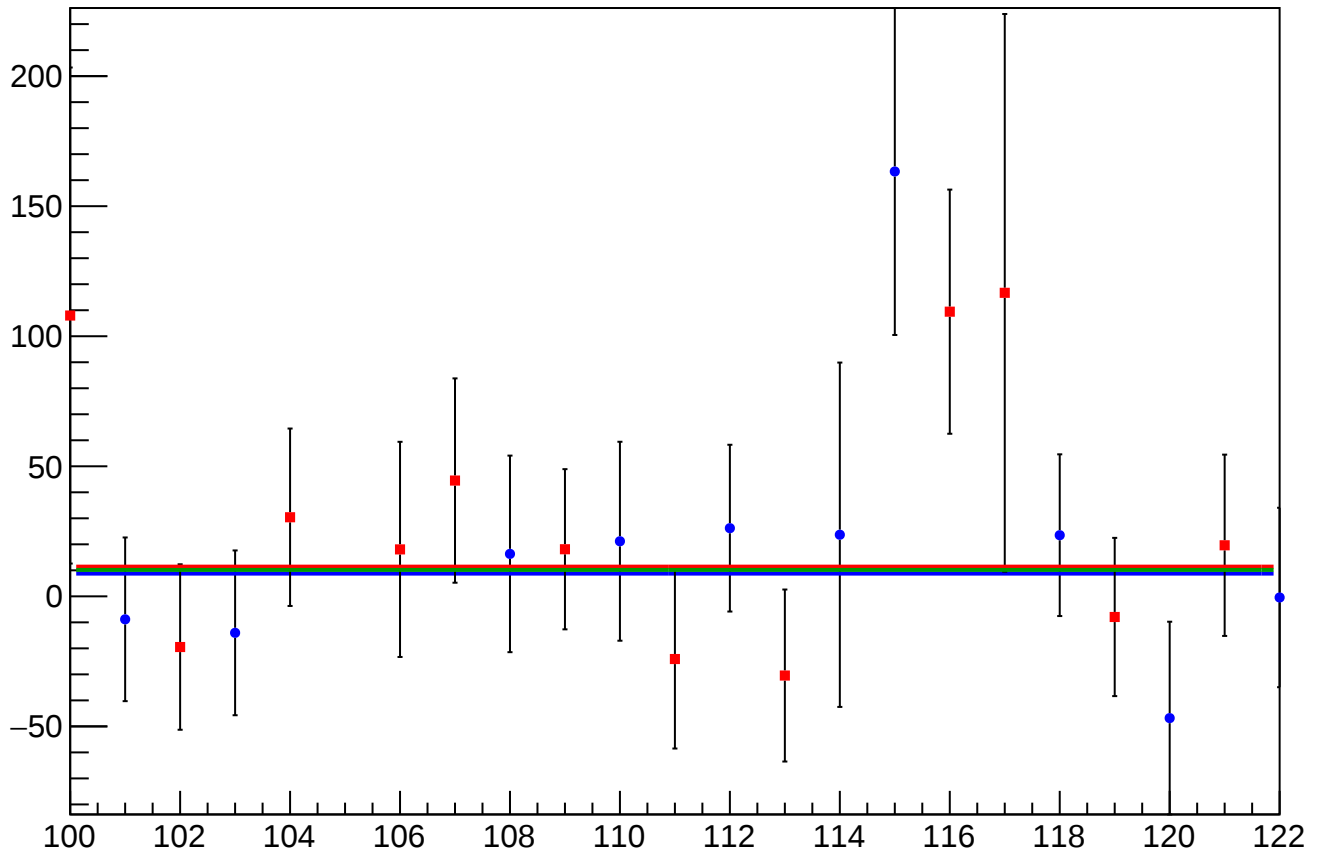
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

178.037+/-0.068 χ^2/NDF : 577982.8/9

167.767+/-0.044 χ^2/NDF : 1567632.8/21

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: 8.744+/-11.587 χ^2/NDF : 9.9/9

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

Right Out: 11.418+/-10.879 χ^2/NDF : 11.5/11

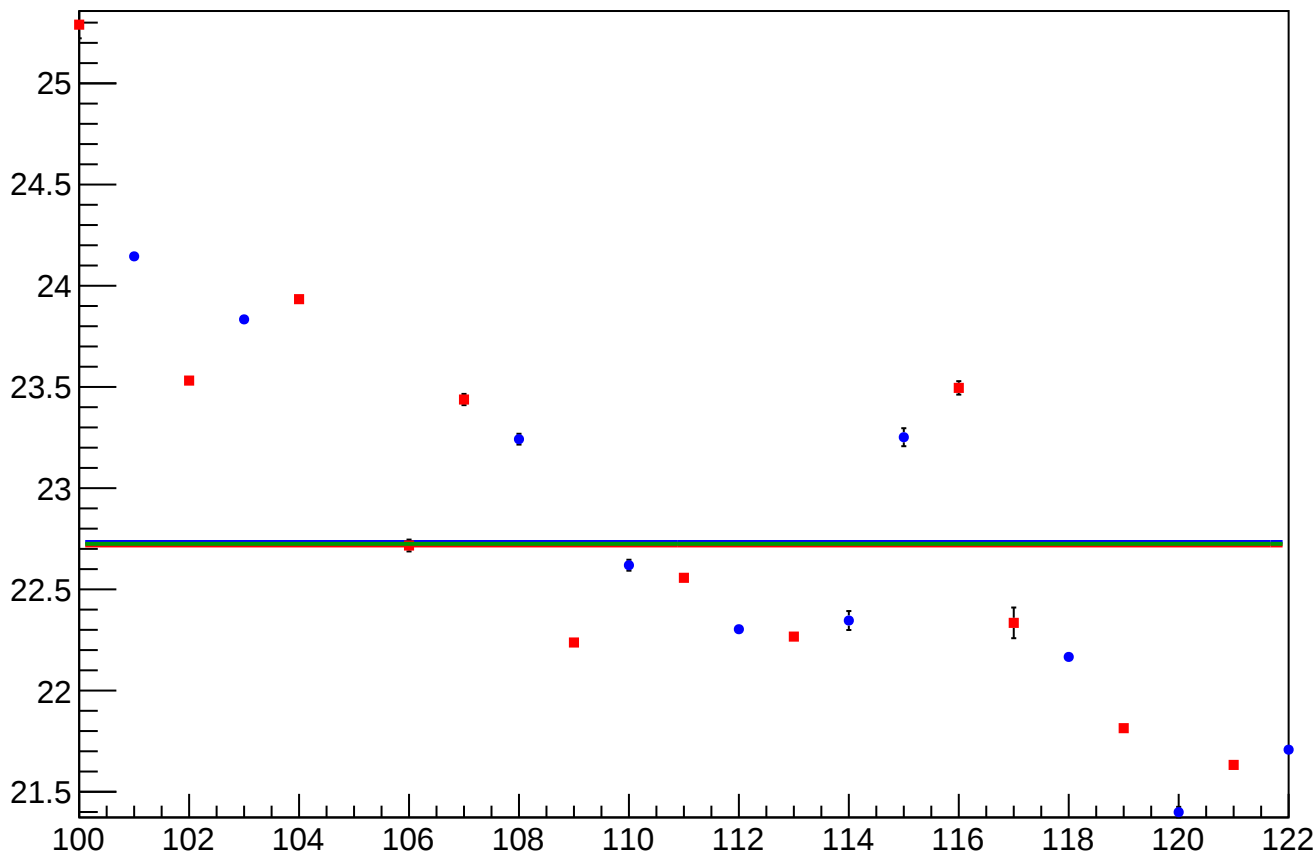
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.744+/-11.587 χ^2/NDF : 9.9/9

10.165+/-7.931 χ^2/NDF : 21.5/21

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: 22.734+/-0.008 χ^2/NDF : 12412.3/9

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

Right Out: 22.717+/-0.008 χ^2/NDF : 11159.1/11

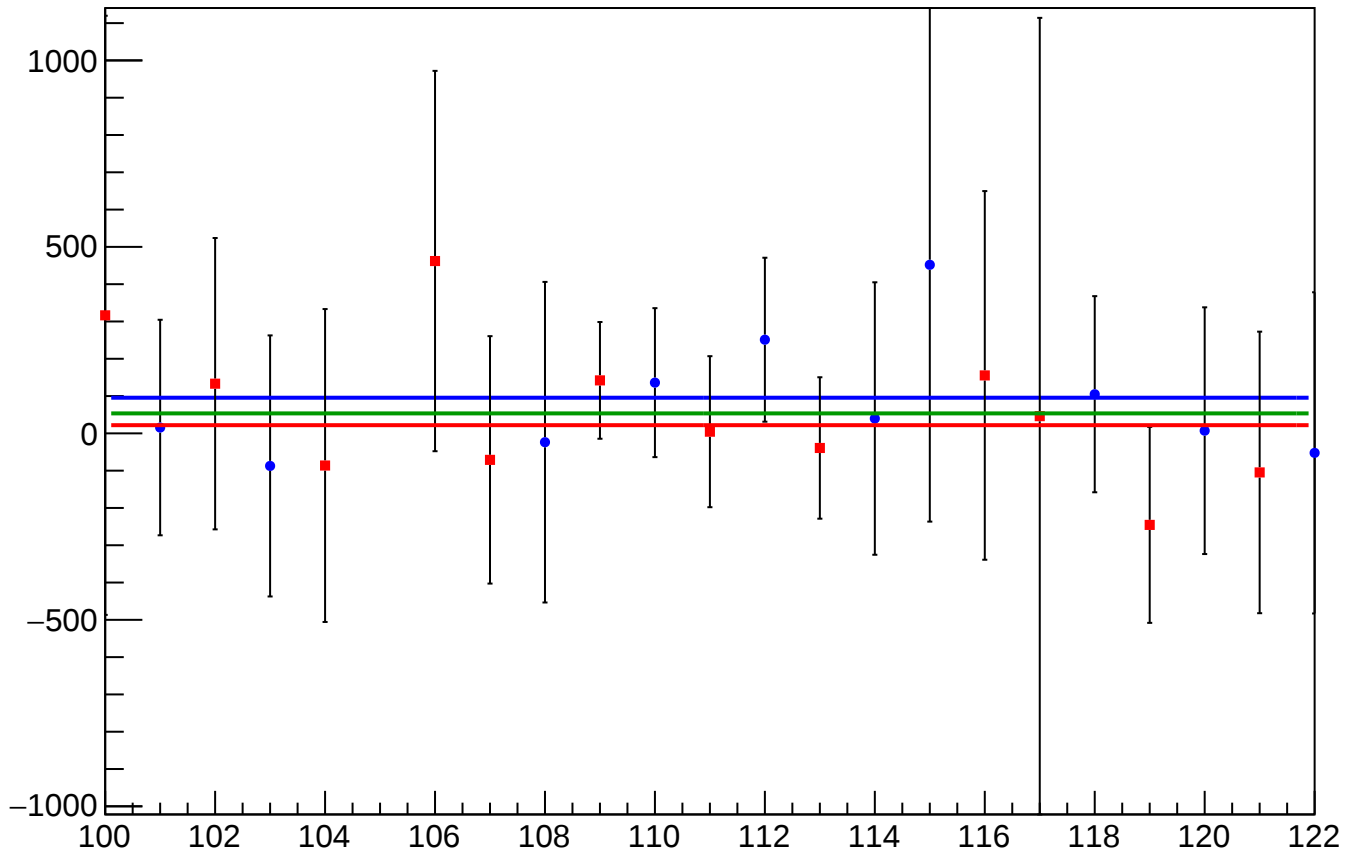
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.734+/-0.008 χ^2/NDF : 12412.3/9

22.725+/-0.006 χ^2/NDF : 23573.6/21

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: 95.573+/-95.383 χ^2/NDF : 1.5/9

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

Right Out: 21.942+/-82.694 χ^2/NDF : 3.0/11

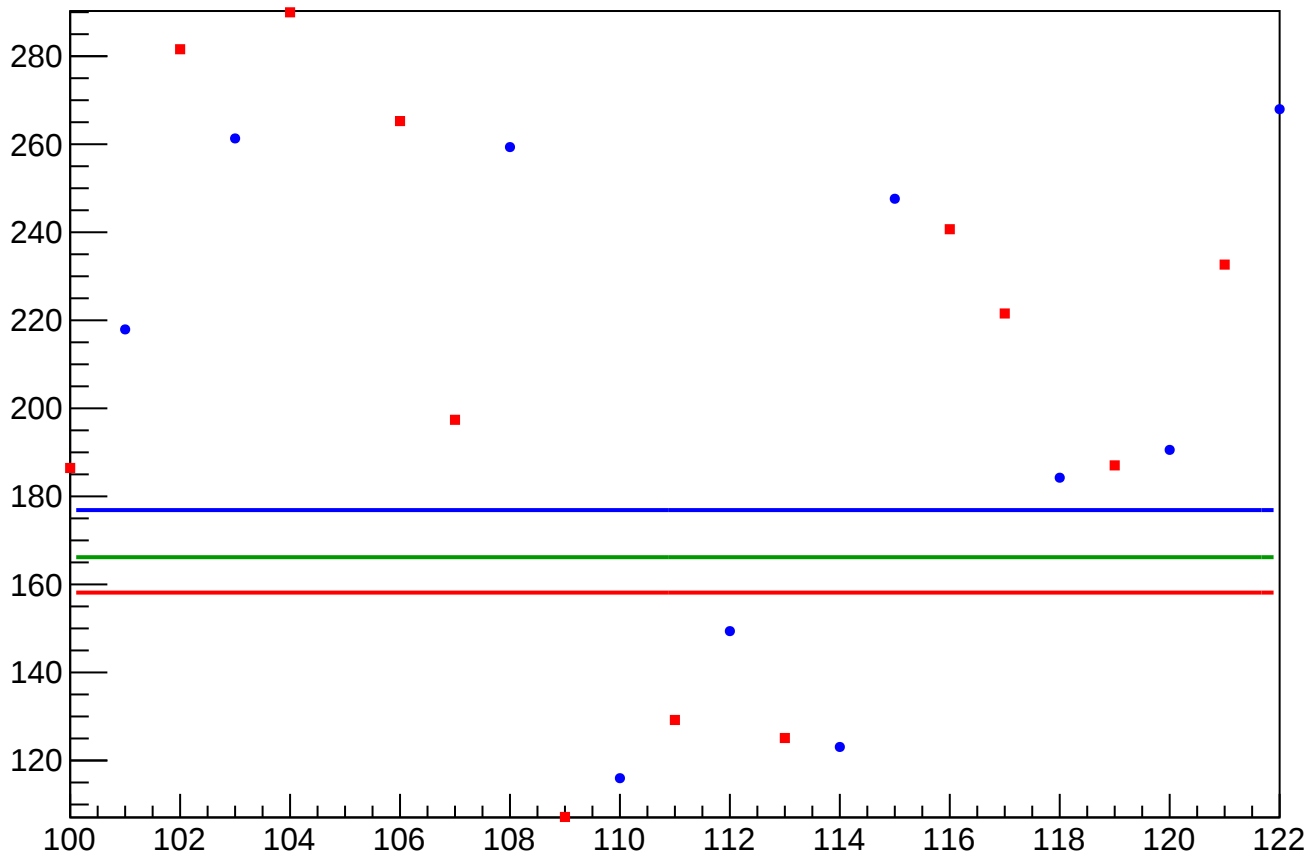
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.573+/-95.383 χ^2/NDF : 1.5/9

53.538+/-62.481 χ^2/NDF : 4.8/21

21.942+/-82.694 χ^2/NDF : 3.0/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.884 $\pm$ 0.067 χ^2 /NDF: 606585.1/9

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

Right Out: 158.142 $\pm$ 0.058 χ^2 /NDF: 994662.4/11

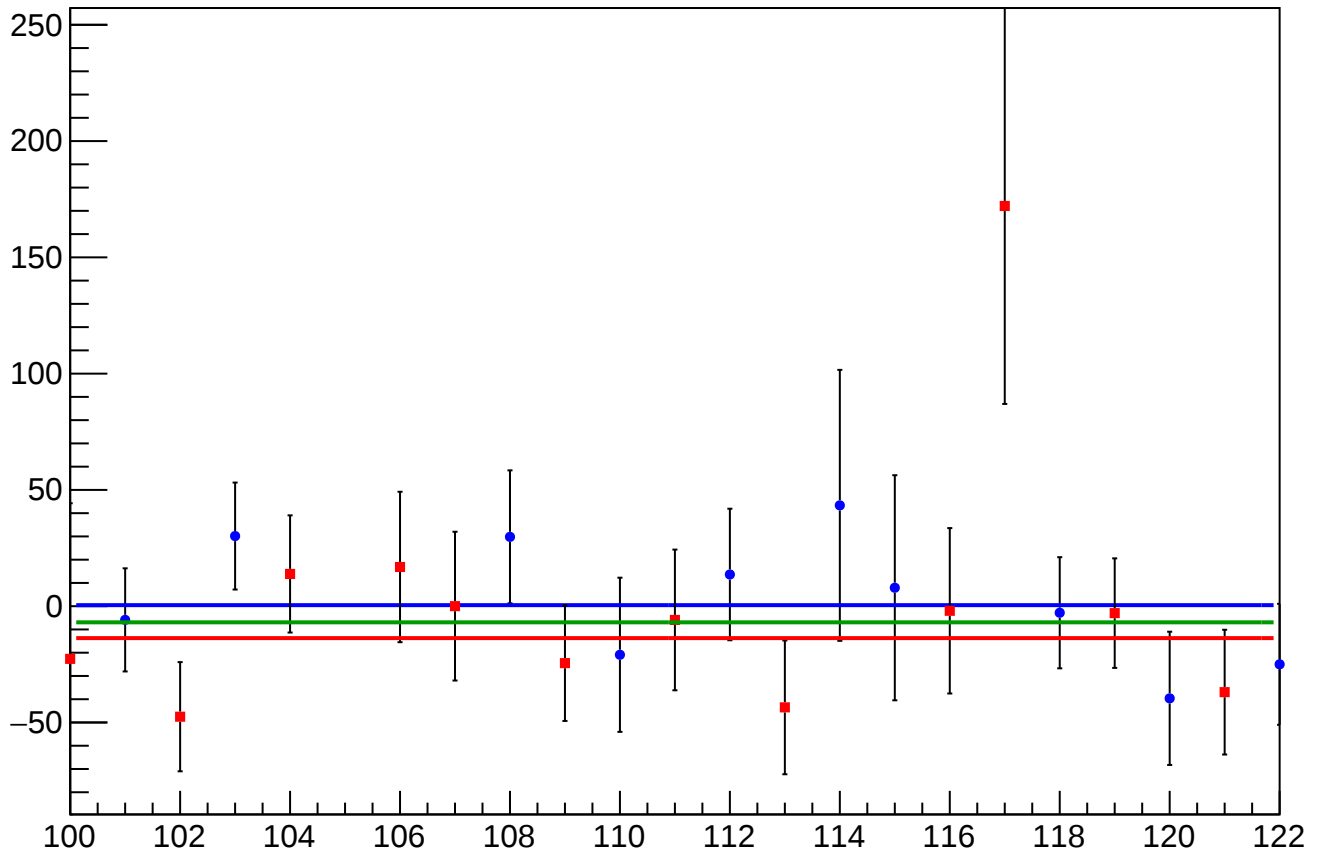
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.884 $\pm$ 0.067 χ^2 /NDF: 606585.1/9

166.184 $\pm$ 0.044 χ^2 /NDF: 1645330.3/21

158.142 $\pm$ 0.058 χ^2 /NDF: 994662.4/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.448 +/- 8.953 χ^2/NDF : 6.9/9

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

Right Out: -13.724 +/- 8.579 χ^2/NDF : 11.5/11

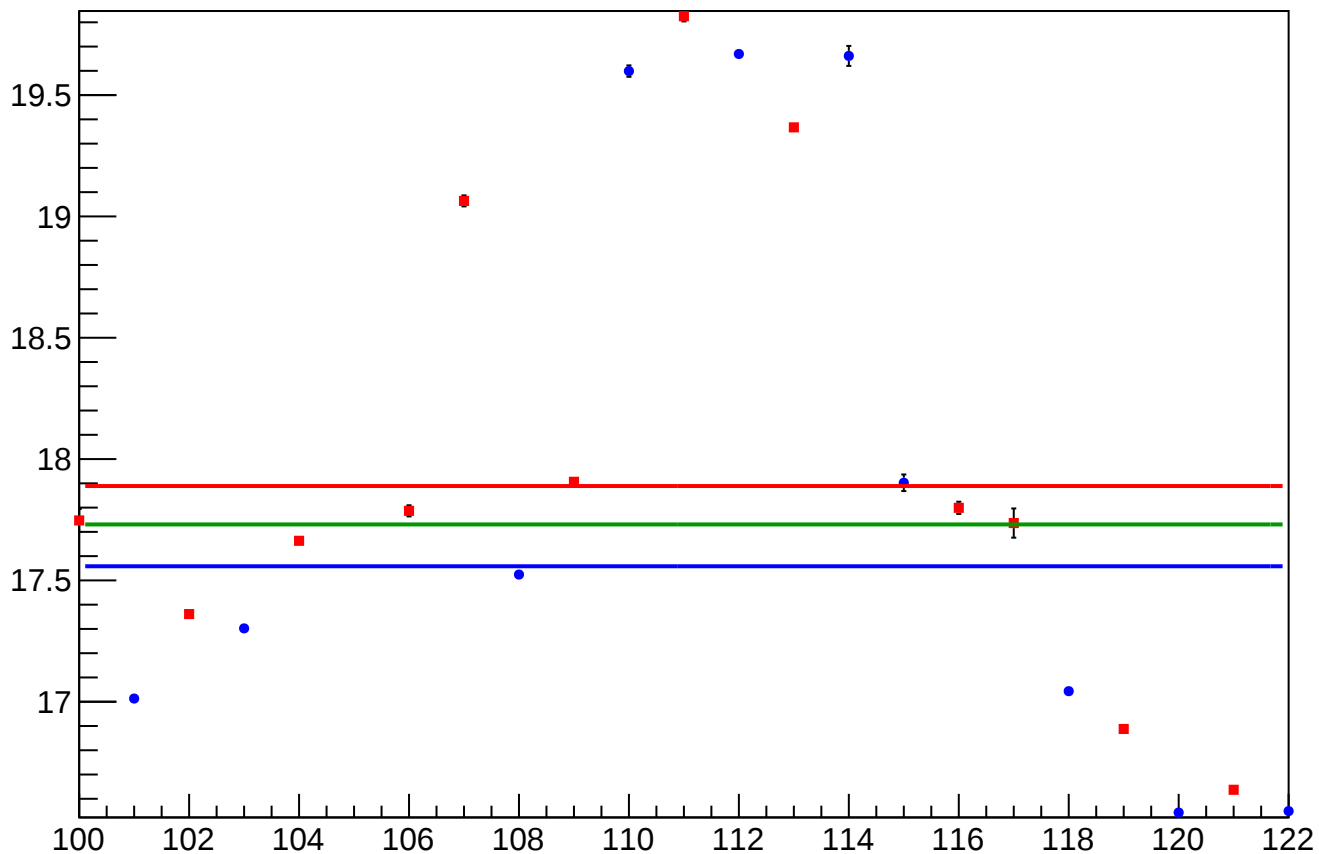
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.448 +/- 8.953 χ^2/NDF : 6.9/9

-6.940 +/- 6.194 χ^2/NDF : 19.8/21

-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: 17.558+/-0.006 χ^2/NDF : 29337.6/9

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

Right Out: 17.889+/-0.006 χ^2/NDF : 25363.3/11

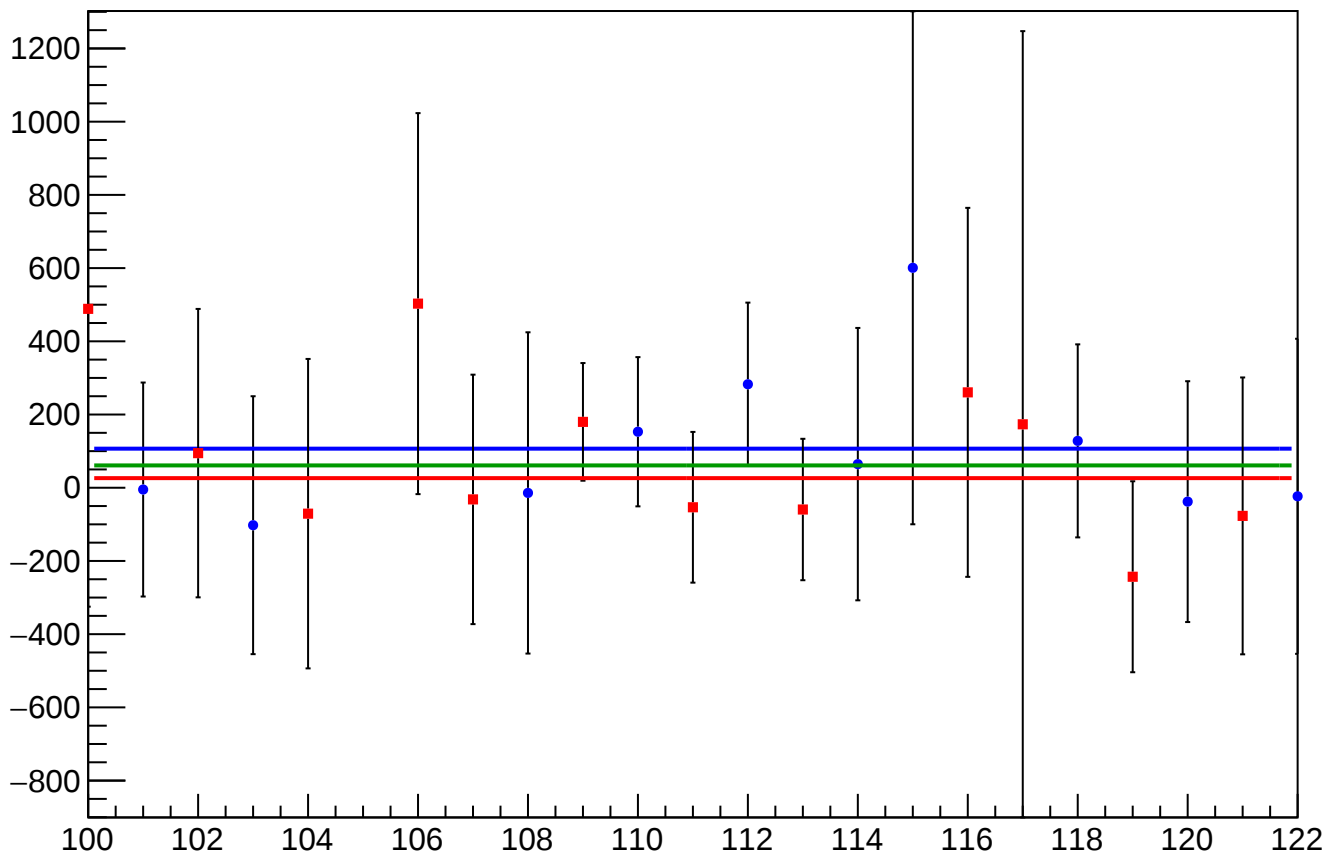
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.558+/-0.006 χ^2/NDF : 29337.6/9

17.731+/-0.004 χ^2/NDF : 56123.1/21

17.889+/-0.006 χ^2/NDF : 25363.3/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.761+/-96.481 χ^2/NDF : 2.1/9

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

Right Out: 26.237+/-84.077 χ^2/NDF : 3.9/11

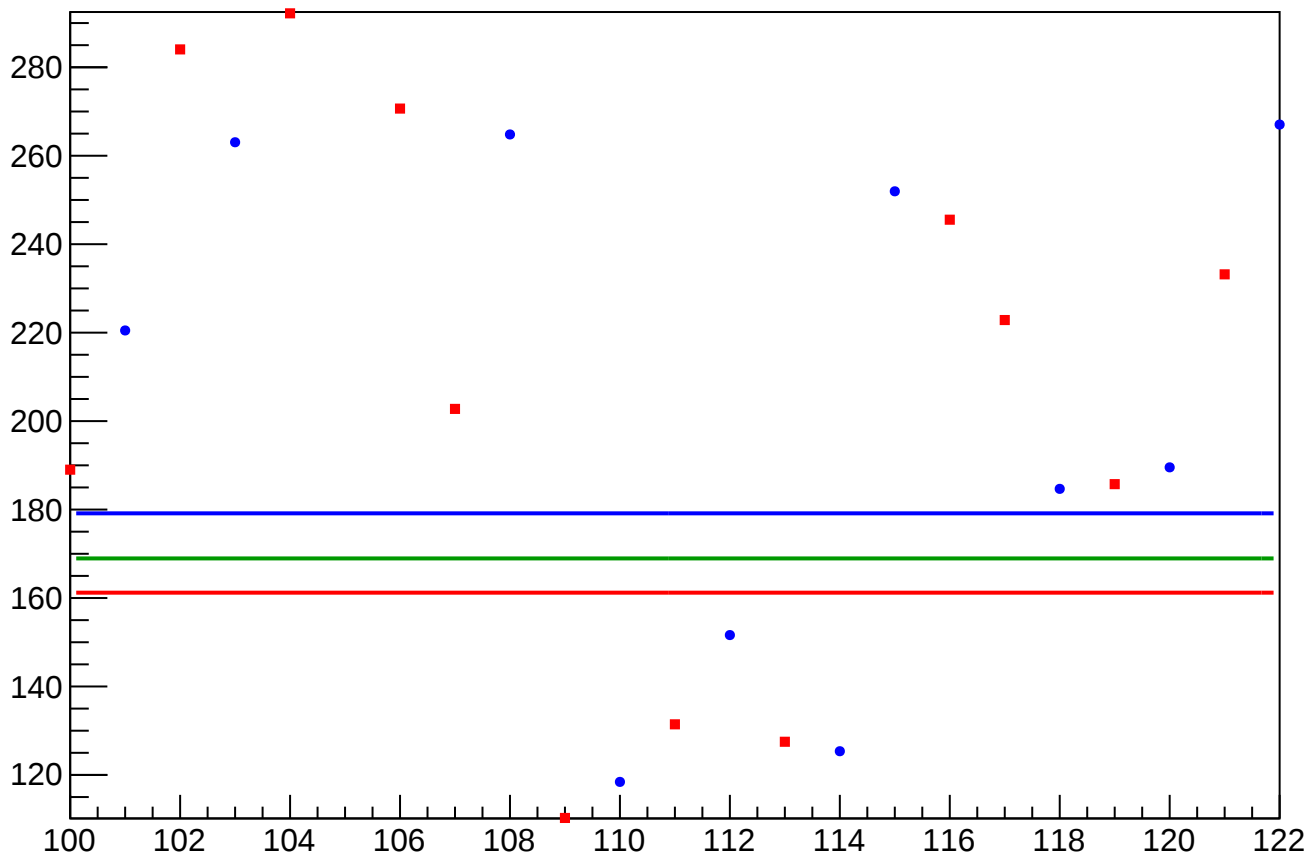
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.761+/-96.481 χ^2/NDF : 2.1/9

60.993+/-63.386 χ^2/NDF : 6.4/21

26.237+/-84.077 χ^2/NDF : 3.9/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.147+/-0.068 χ^2/NDF : 587370.7/9

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

Right Out: 161.210+/-0.059 χ^2/NDF : 963392.8/11

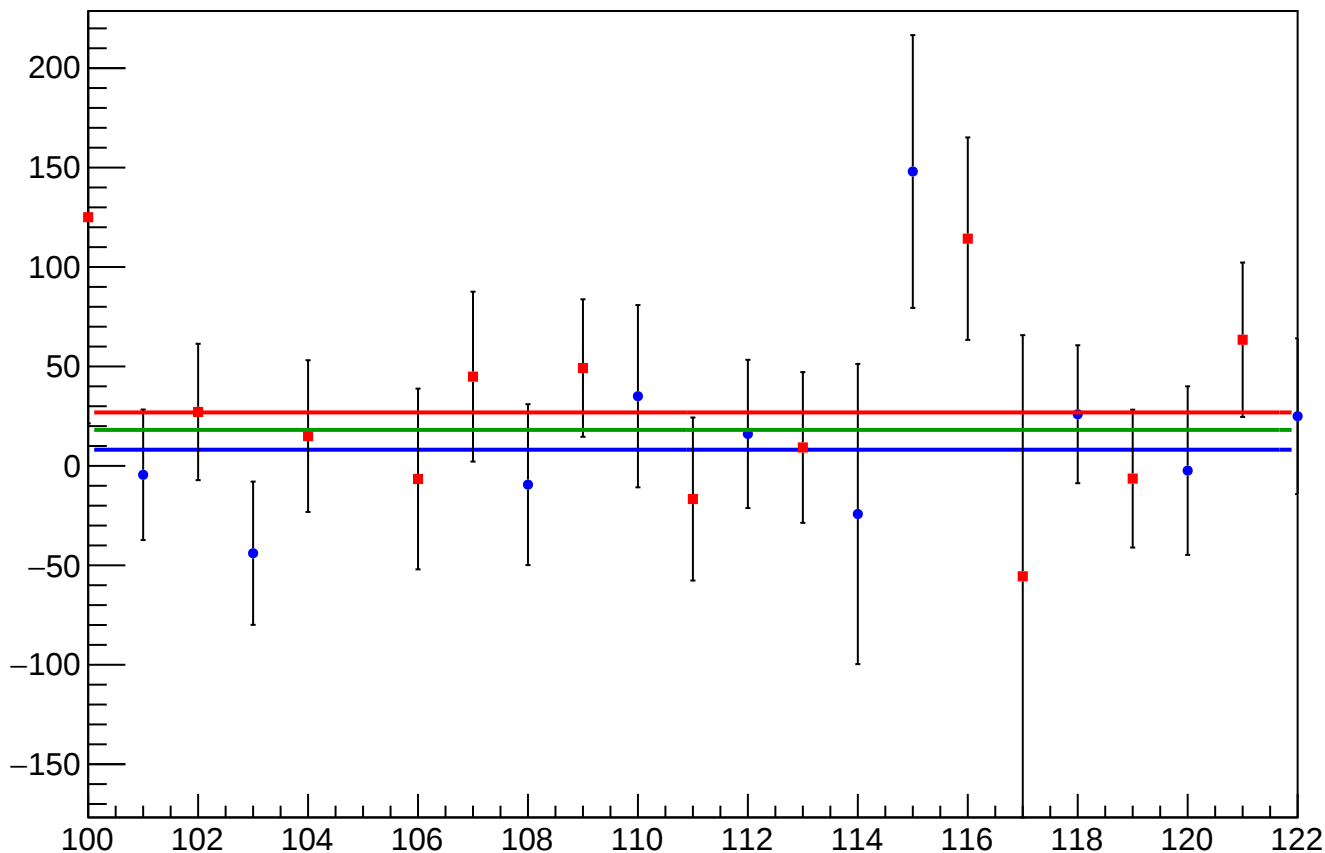
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.147+/-0.068 χ^2/NDF : 587370.7/9

168.952+/-0.045 χ^2/NDF : 1590054.6/21

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: 8.134+/-12.981 χ^2/NDF : 7.7/9

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

Right Out: 26.880+/-12.180 χ^2/NDF : 8.7/11

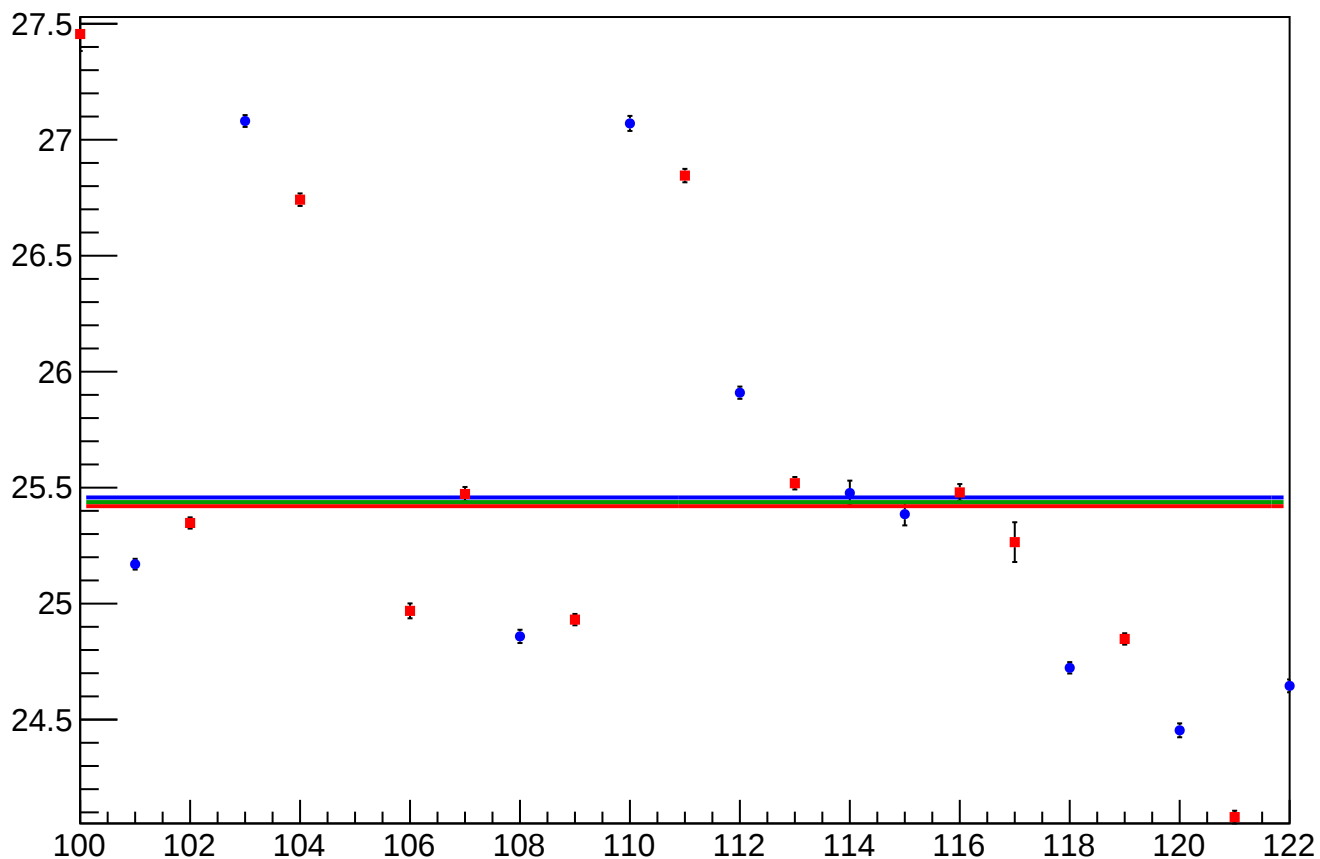
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.134+/-12.981 χ^2/NDF : 7.7/9

18.103+/-8.882 χ^2/NDF : 17.5/21

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: 25.458 $\pm$ 0.009 χ^2 /NDF: 10307.8/9

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

Right Out: 25.420 $\pm$ 0.009 χ^2 /NDF: 9148.3/11

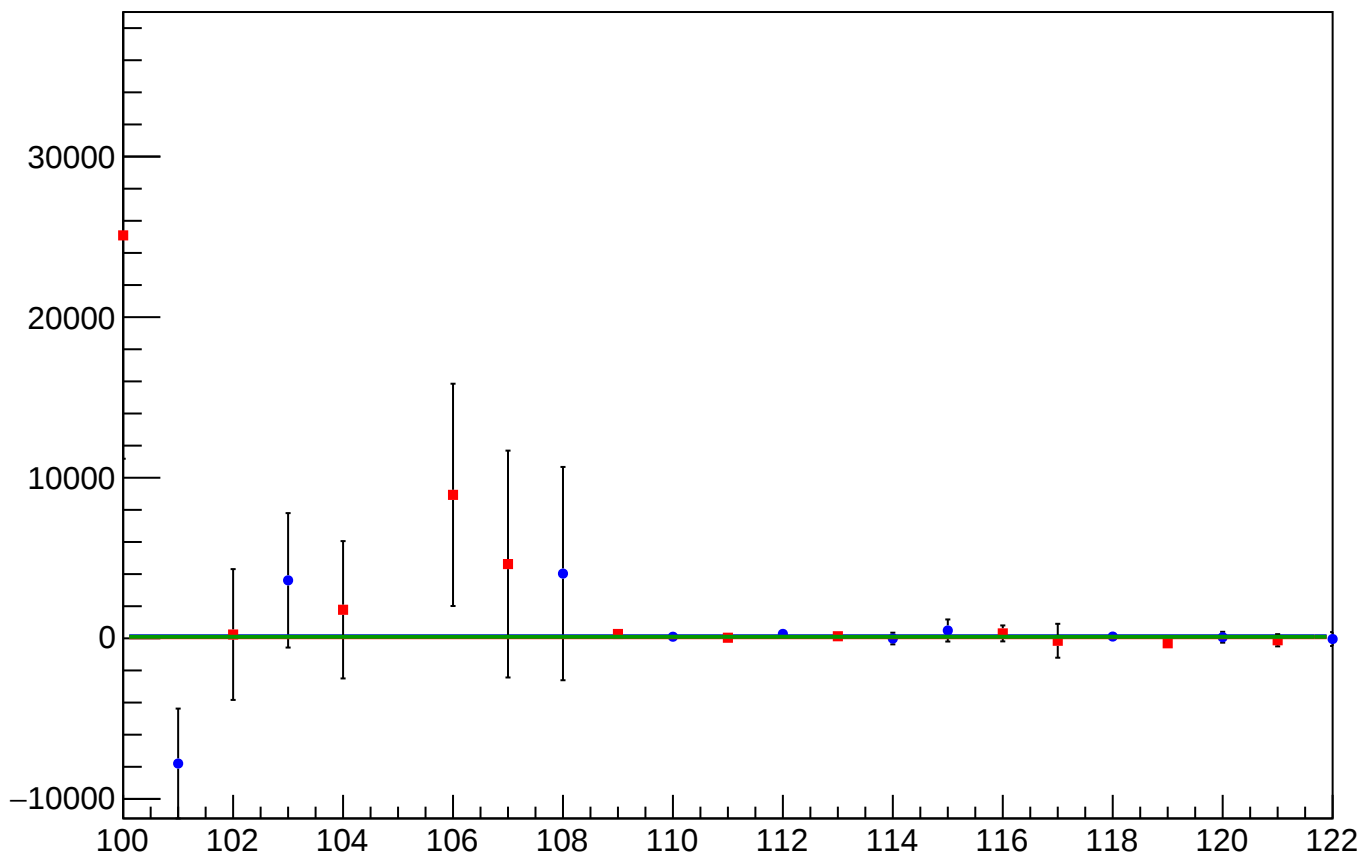
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

25.458 $\pm$ 0.009 χ^2 /NDF: 10307.8/9

25.438 $\pm$ 0.006 χ^2 /NDF: 19464.9/21

25.420 $\pm$ 0.009 χ^2 /NDF: 9148.3/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 128.317+/-109.339 χ^2/NDF : 7.5/9

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

Right Out: 70.059+/-100.279 χ^2/NDF : 8.9/11

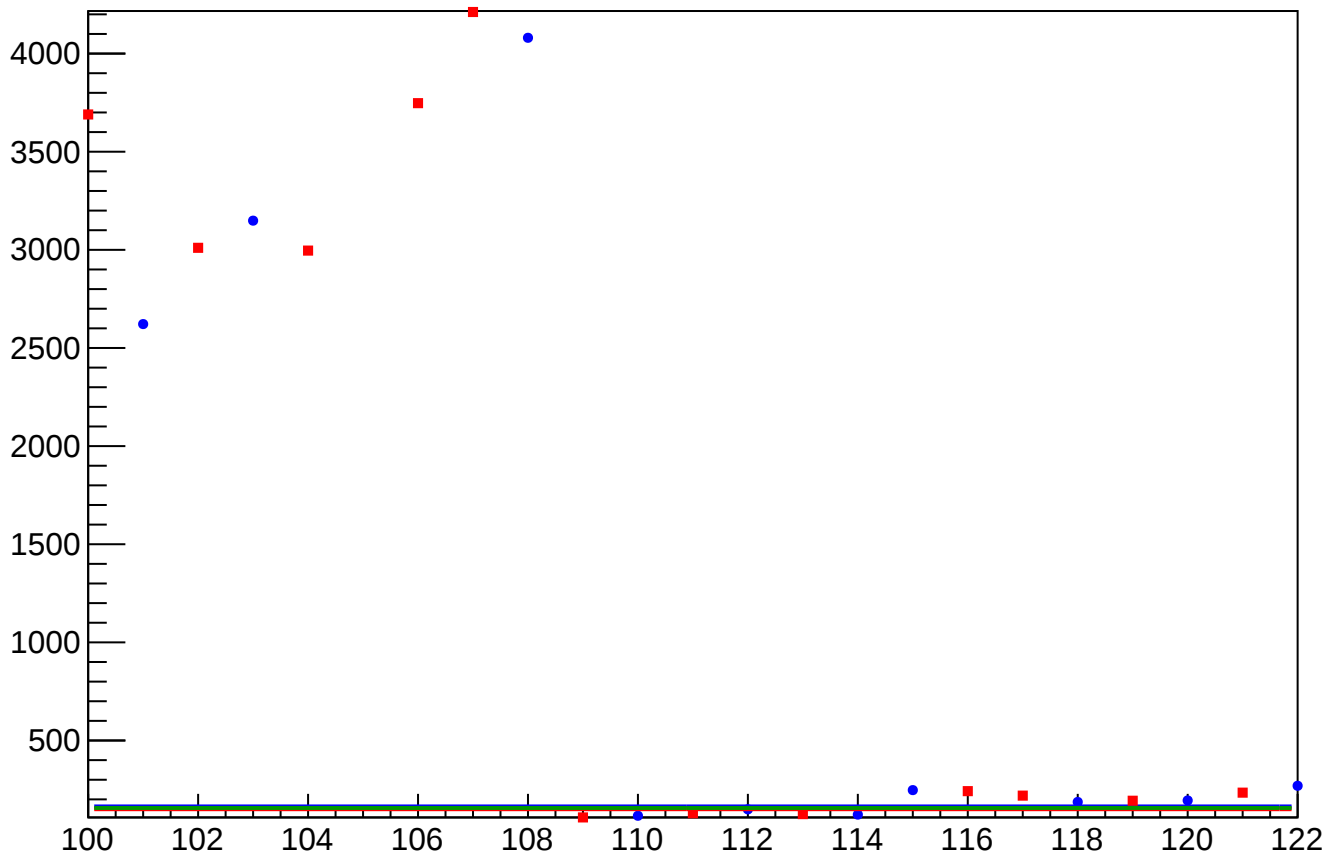
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.317+/-109.339 χ^2/NDF : 7.5/9

96.675+/-73.904 χ^2/NDF : 16.6/21

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: 163.954+/-0.077 χ^2/NDF : 3070493.3/9

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

Right Out: 150.007+/-0.071 χ^2/NDF : 3561598.5/11

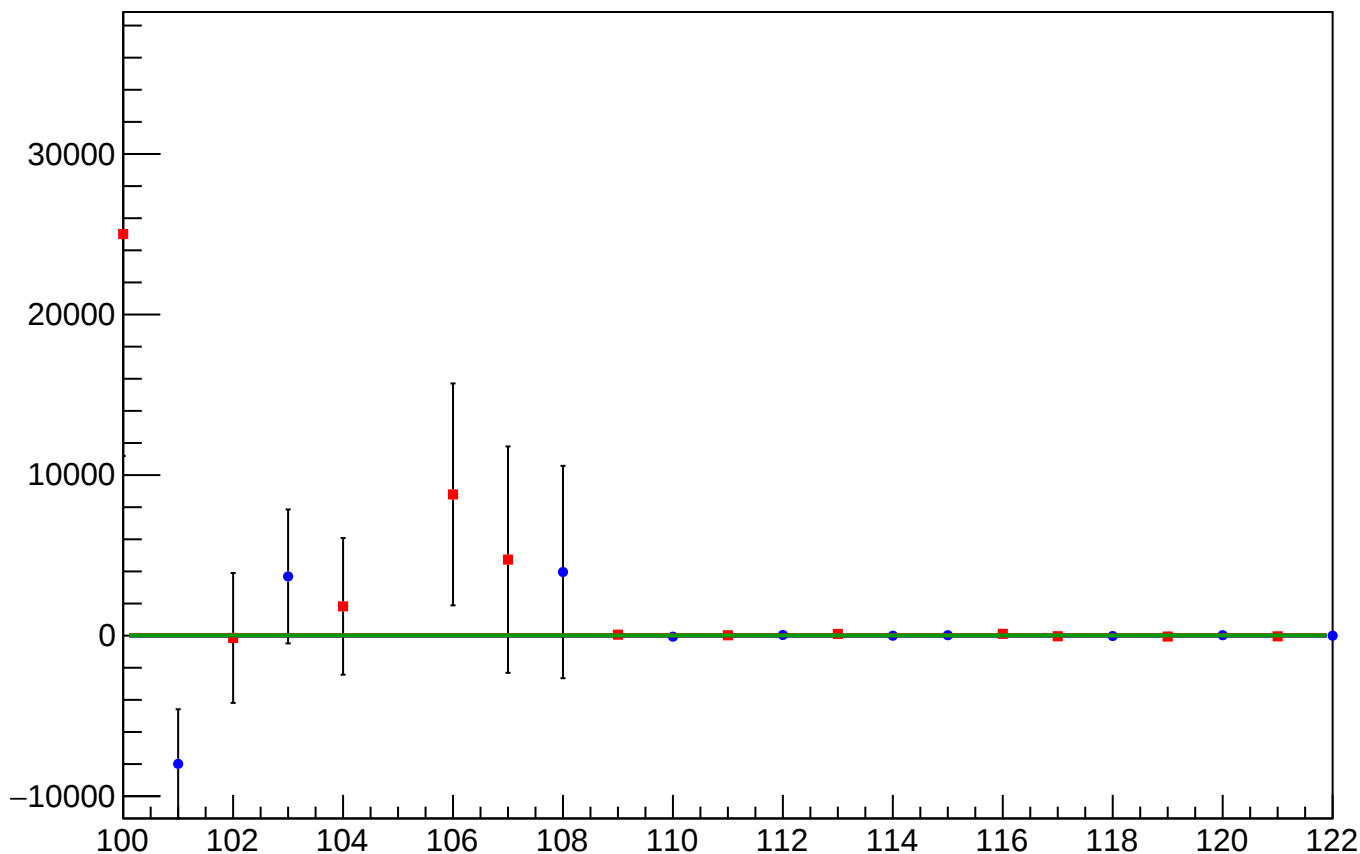
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.954+/-0.077 χ^2/NDF : 3070493.3/9

156.379+/-0.052 χ^2/NDF : 6649765.1/21

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: -1.603+/-17.991 χ^2/NDF : 10.6/9

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

Right Out: 25.510+/-17.987 χ^2/NDF : 18.9/11

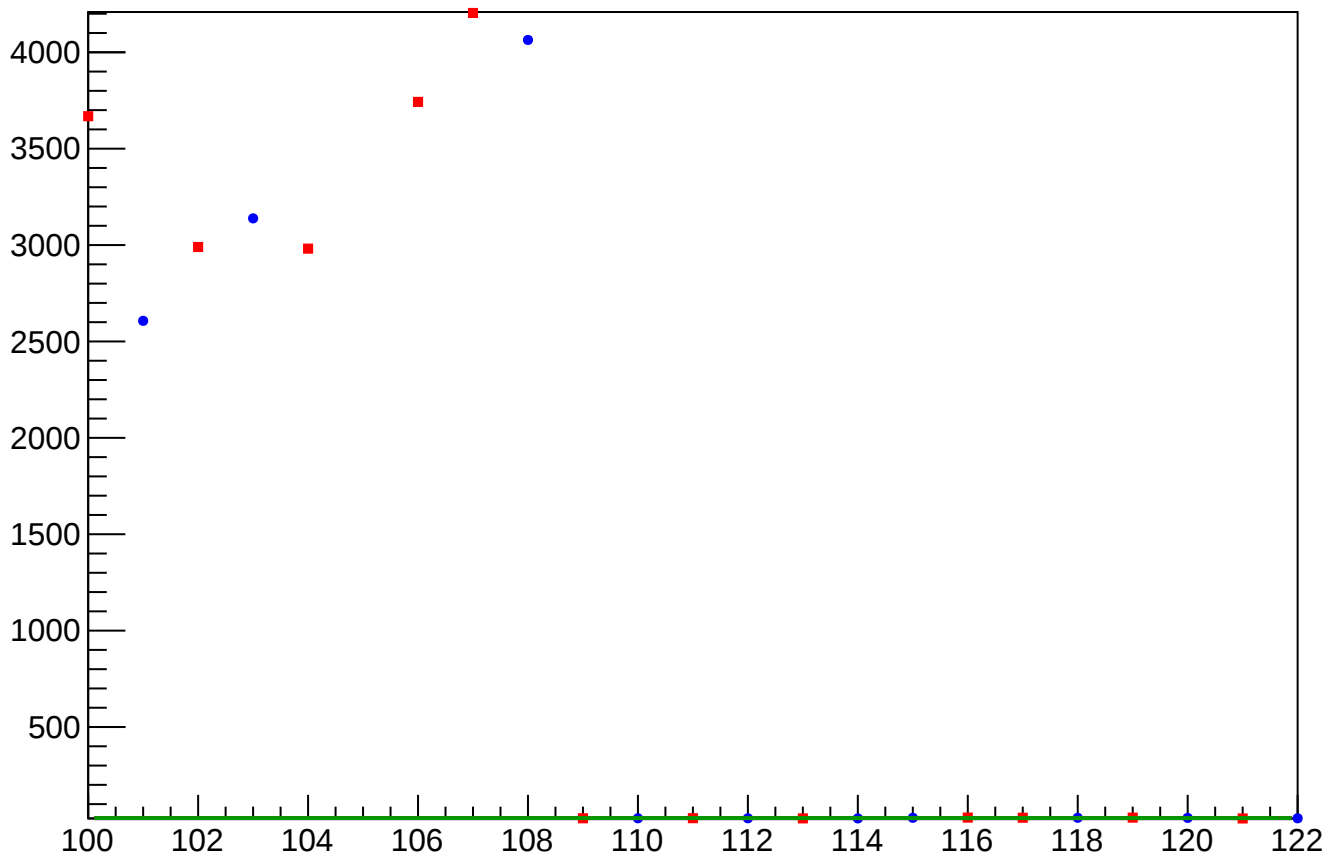
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.603+/-17.991 χ^2/NDF : 10.6/9

11.957+/-12.720 χ^2/NDF : 30.6/21

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: 27.583+/-0.013 χ^2 /NDF: 3015607.1/9

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

Right Out: 27.604+/-0.013 χ^2 /NDF: 3473486.0/11

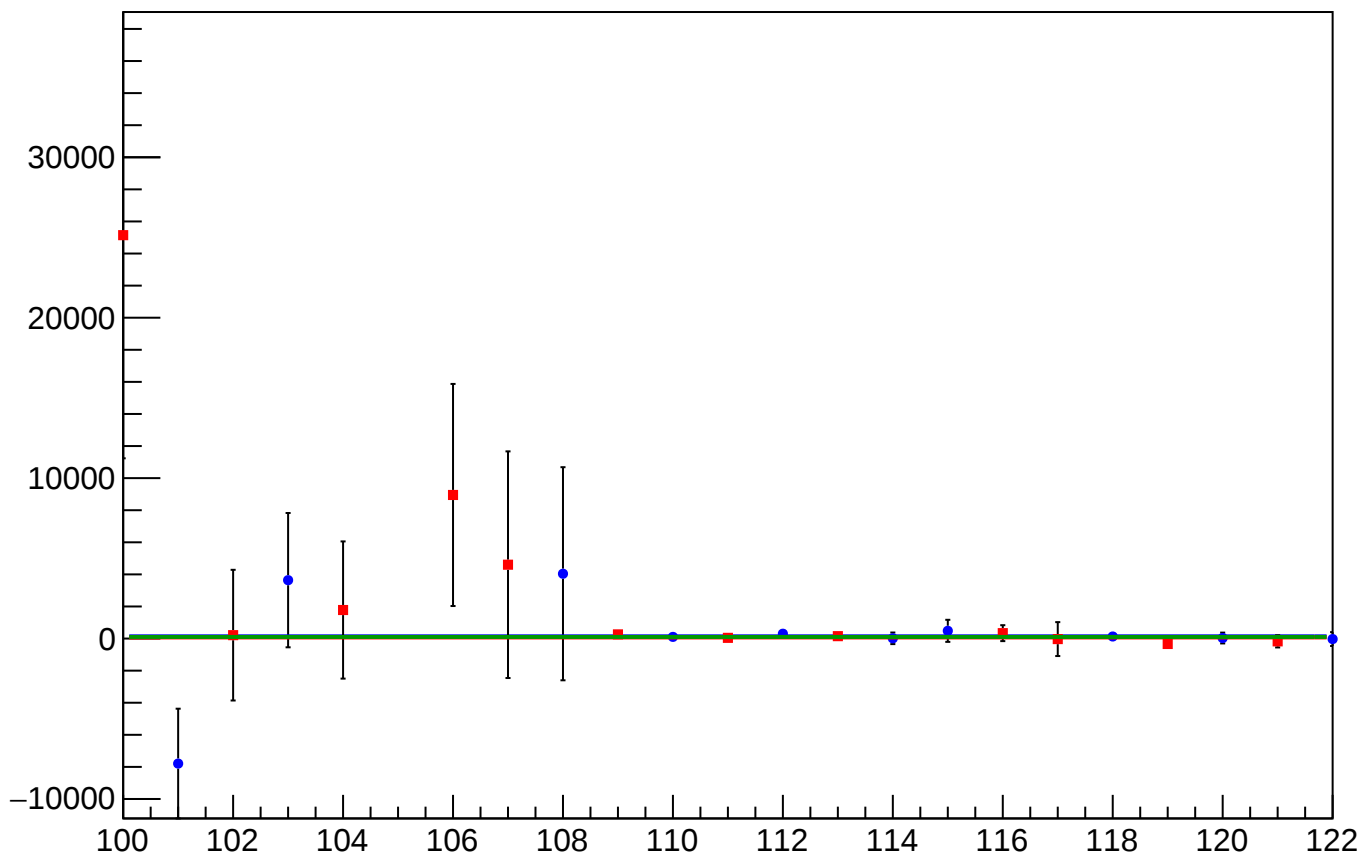
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.583+/-0.013 χ^2 /NDF: 3015607.1/9

27.594+/-0.009 χ^2 /NDF: 6489094.4/21

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: 138.327+/-108.897 χ^2/NDF : 7.6/9

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

Right Out: 69.975+/-99.833 χ^2/NDF : 9.4/11

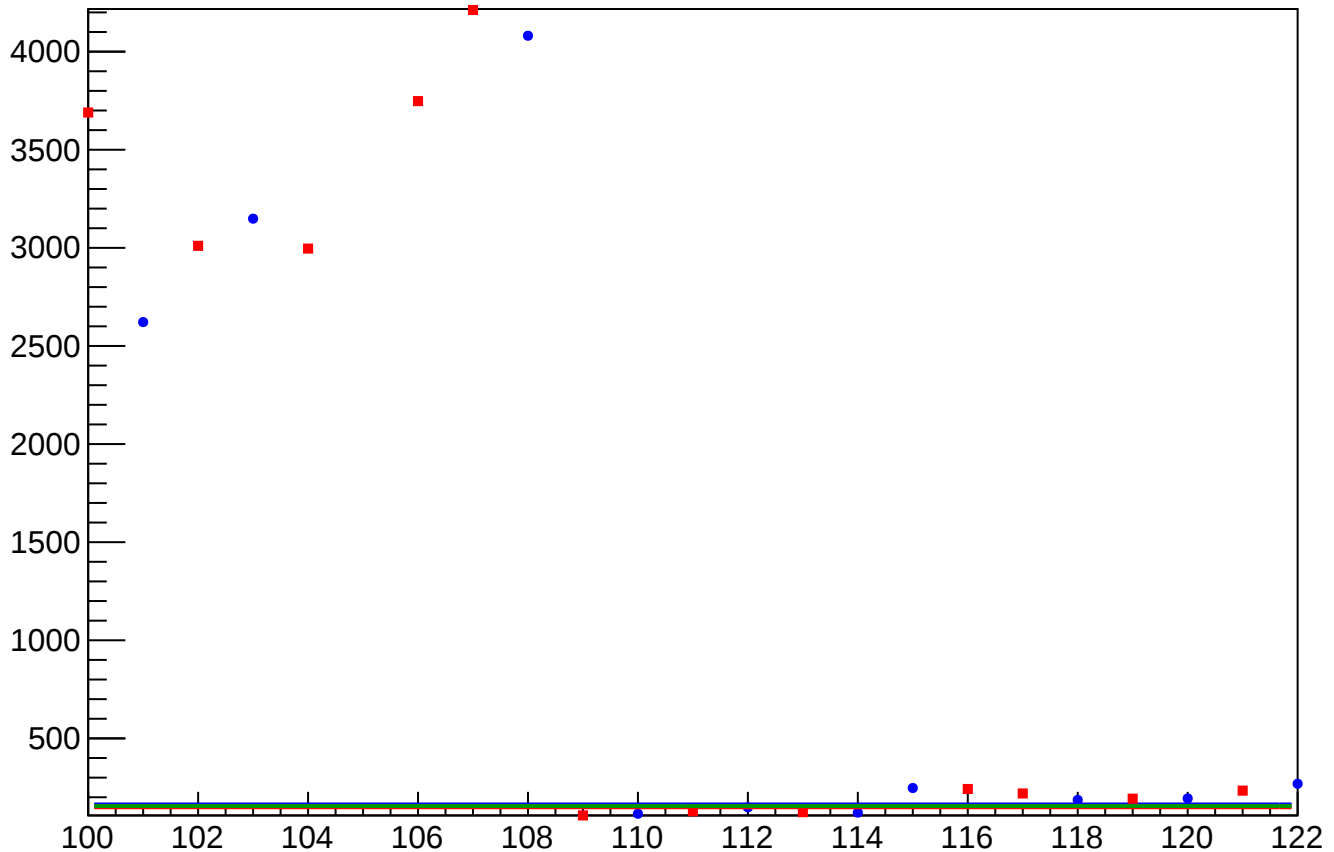
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.327+/-108.897 χ^2/NDF : 7.6/9

101.189+/-73.589 χ^2/NDF : 17.3/21

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: 163.196+/-0.077 χ^2/NDF : 3075767.3/9

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

Right Out: 149.240+/-0.071 χ^2/NDF : 3567245.7/11

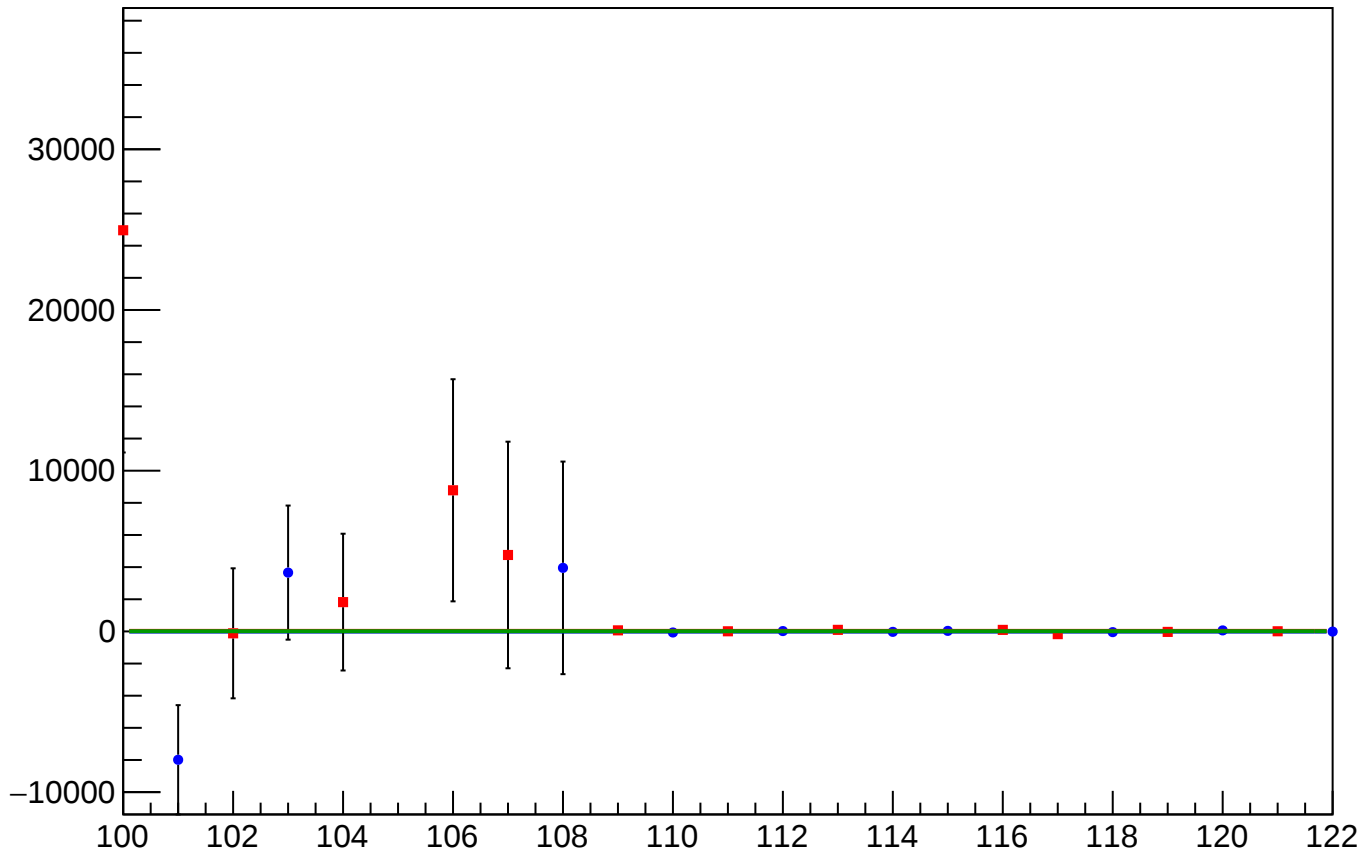
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.196+/-0.077 χ^2/NDF : 3075767.3/9

155.613+/-0.052 χ^2/NDF : 6660860.7/21

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: -8.298+/-18.079 χ^2/NDF : 12.1/9

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

Right Out: 32.399+/-18.103 χ^2/NDF : 14.6/11

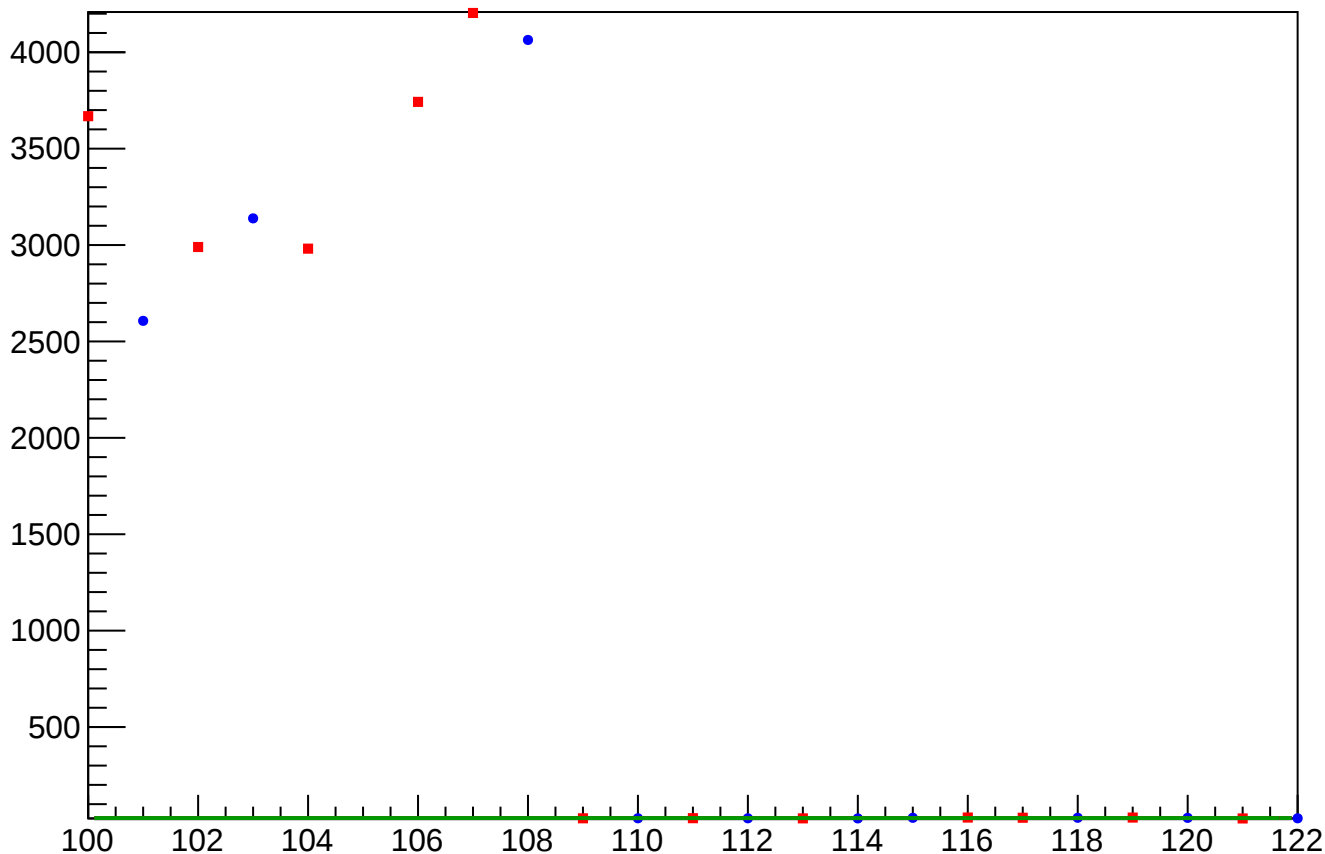
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.298+/-18.079 χ^2/NDF : 12.1/9

12.024+/-12.792 χ^2/NDF : 29.2/21

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: 27.714+/-0.013 χ^2 /NDF: 3016168.6/9

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

Right Out: 27.776+/-0.013 χ^2 /NDF: 3475474.6/11

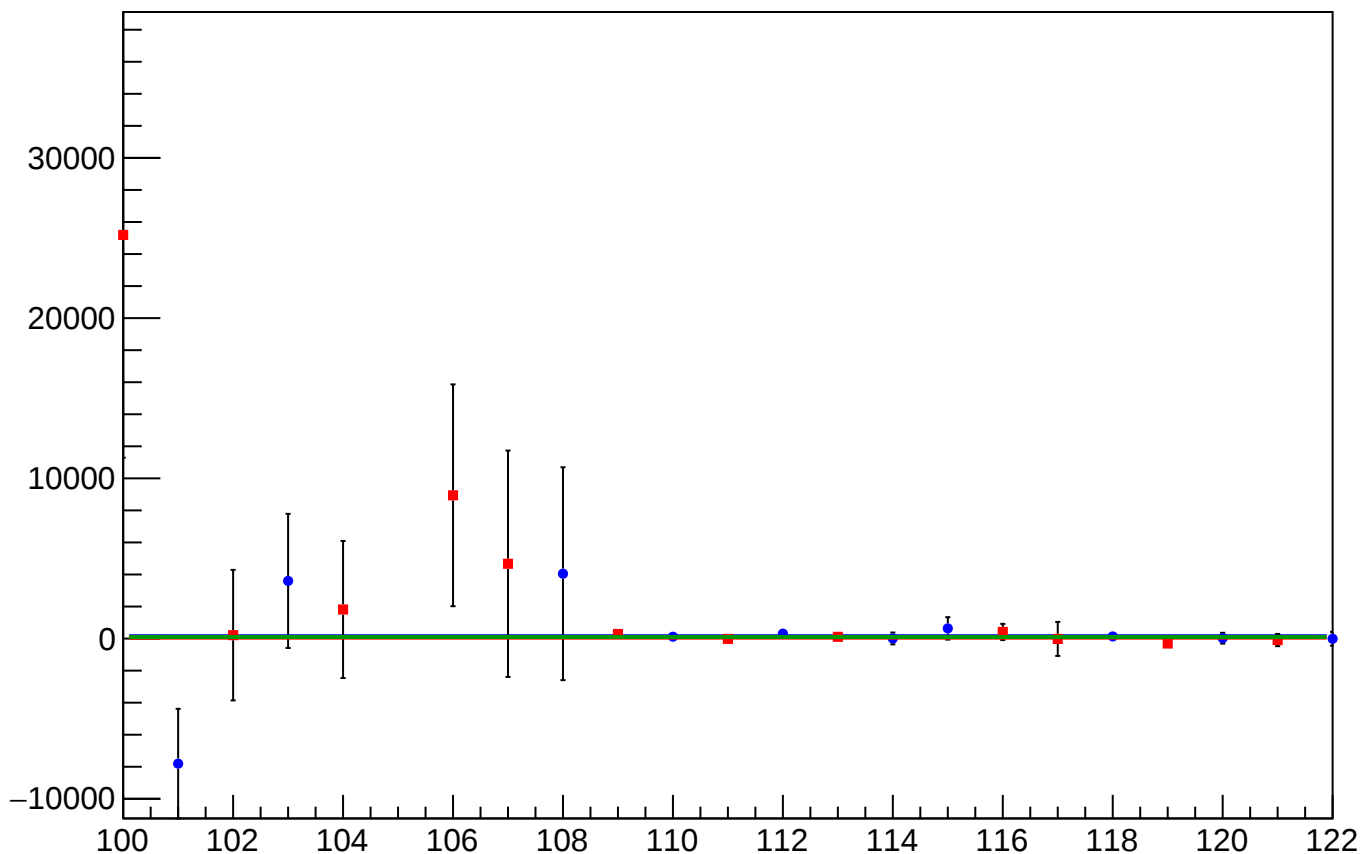
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.714+/-0.013 χ^2 /NDF: 3016168.6/9

27.745+/-0.009 χ^2 /NDF: 6491654.7/21

27.776+/-0.013 χ^2 /NDF: 3475474.6/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 147.045+/-110.433 χ^2/NDF : 7.9/9

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

Right Out: 58.518+/-101.525 χ^2/NDF : 9.3/11

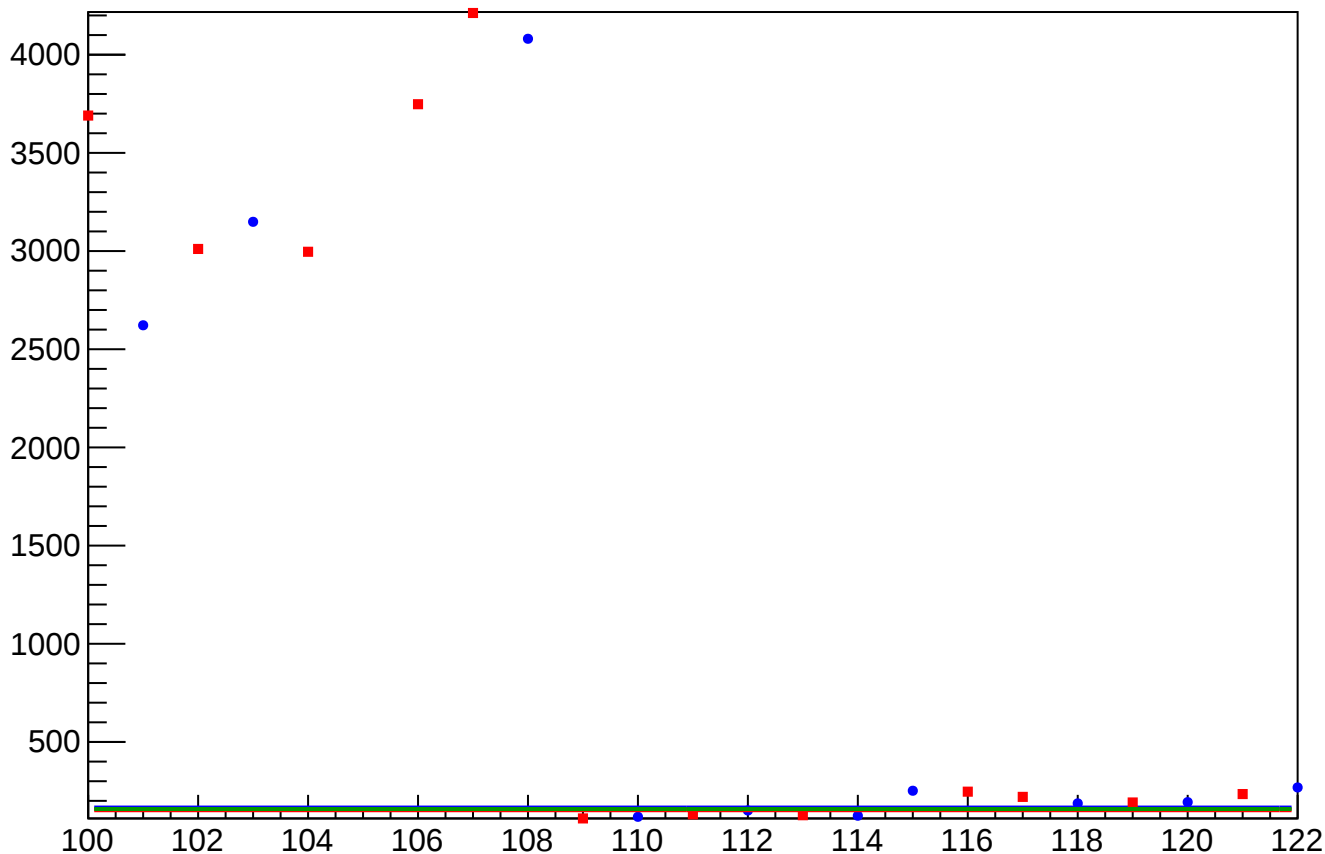
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.045+/-110.433 χ^2/NDF : 7.9/9

99.067+/-74.740 χ^2/NDF : 17.5/21

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: 165.913 $\pm$ 0.078 χ^2 /NDF: 3050173.4/9

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

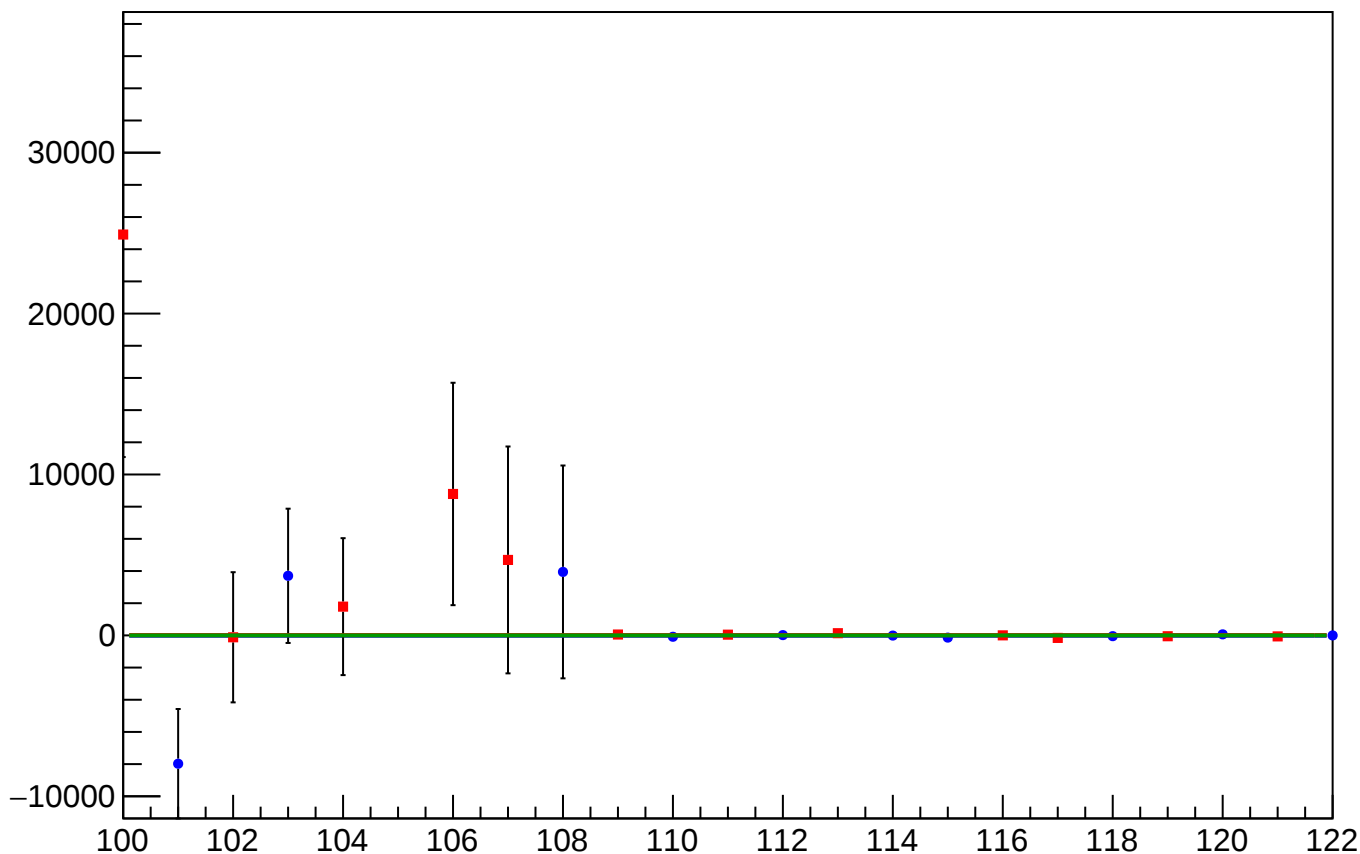
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

165.913 $\pm$ 0.078 χ^2 /NDF: 3050173.4/9

158.528 $\pm$ 0.053 χ^2 /NDF: 6608344.5/21

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: -19.526+/-22.062 χ^2/NDF : 12.7/9

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

Right Out: 18.269+/-21.980 χ^2/NDF : 17.7/11

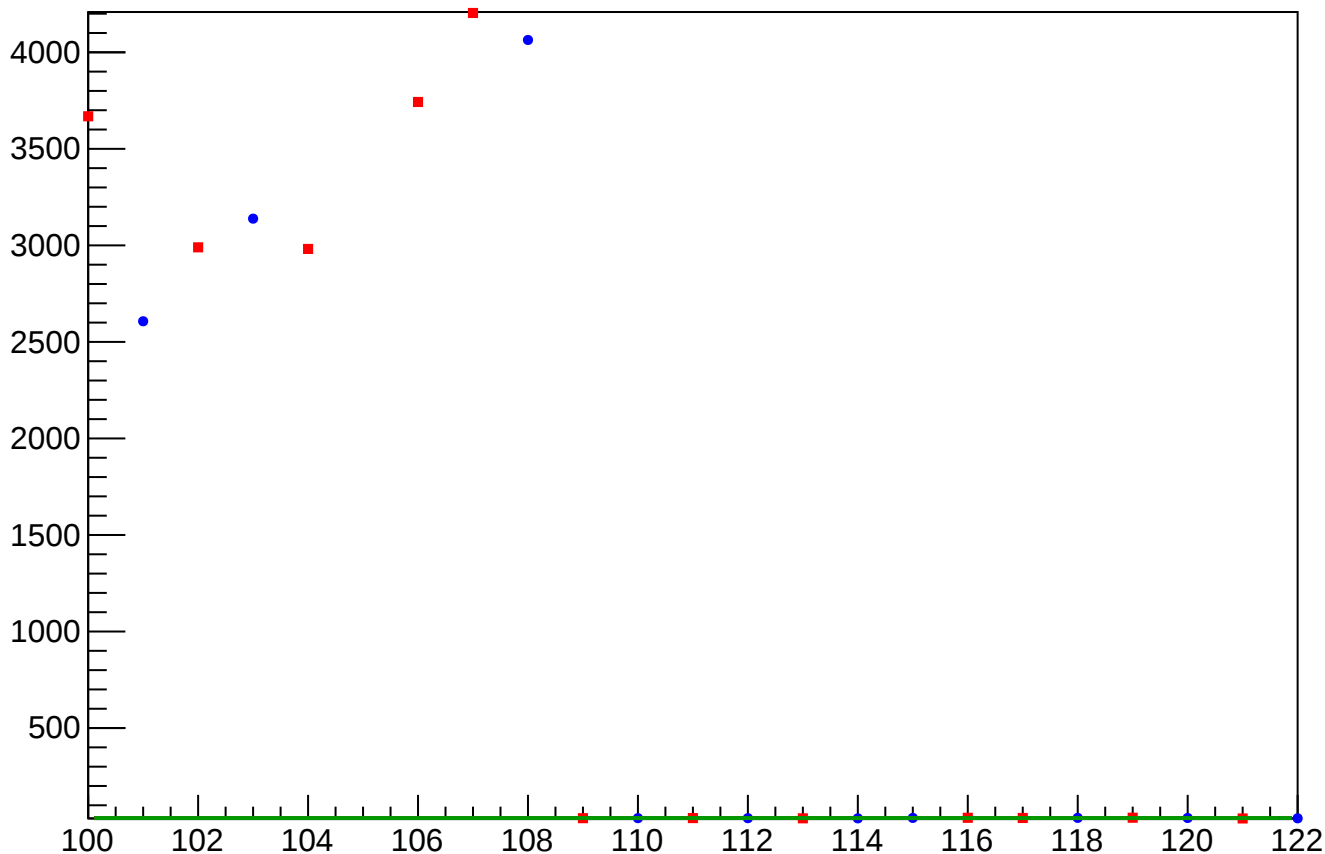
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-19.526+/-22.062 χ^2/NDF : 12.7/9

-0.559+/-15.571 χ^2/NDF : 31.9/21

18.269+/-21.980 χ^2/NDF : 17.7/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.841 $\pm$ 0.016 χ^2 /NDF: 2997889.4/9

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

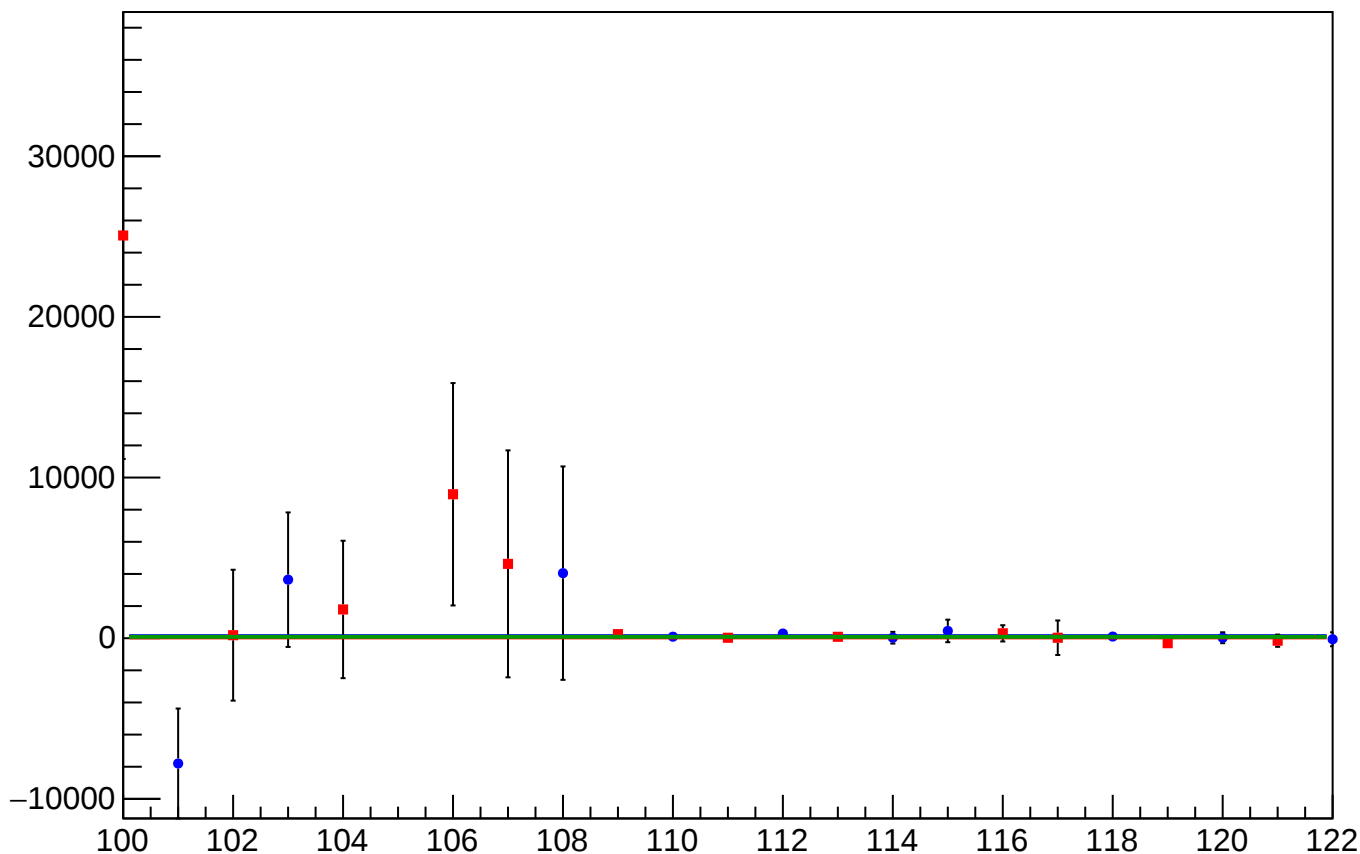
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

33.841 $\pm$ 0.016 χ^2 /NDF: 2997889.4/9

33.836 $\pm$ 0.011 χ^2 /NDF: 6447764.3/21

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: 126.001+/-109.761 χ^2/NDF : 7.6/9

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

Right Out: 51.291+/-100.702 χ^2/NDF : 8.7/11

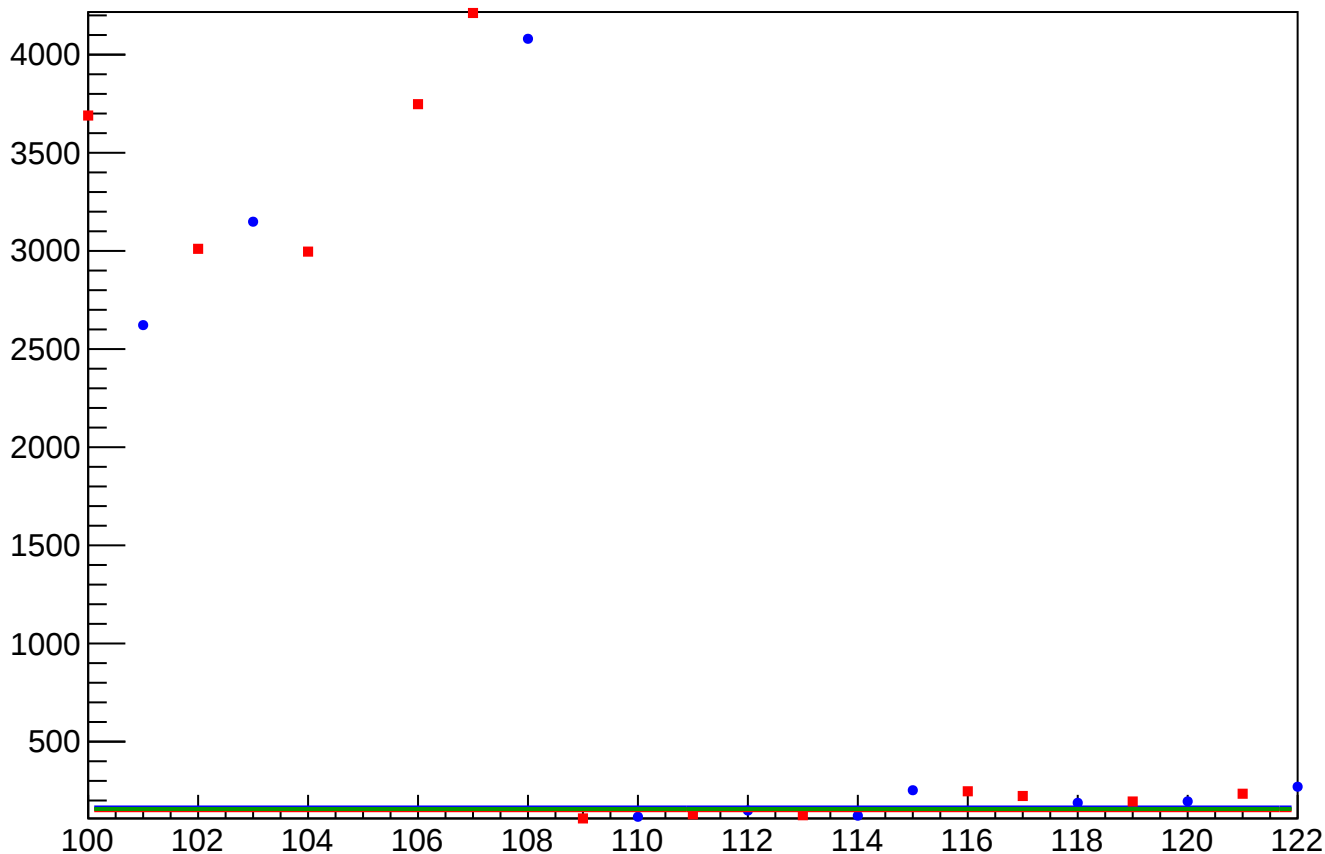
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

126.001+/-109.761 χ^2/NDF : 7.6/9

85.436+/-74.203 χ^2/NDF : 16.5/21

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: 164.555+/-0.078 χ^2/NDF : 3073423.6/9

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

Right Out: 150.604+/-0.071 χ^2/NDF : 3566469.7/11

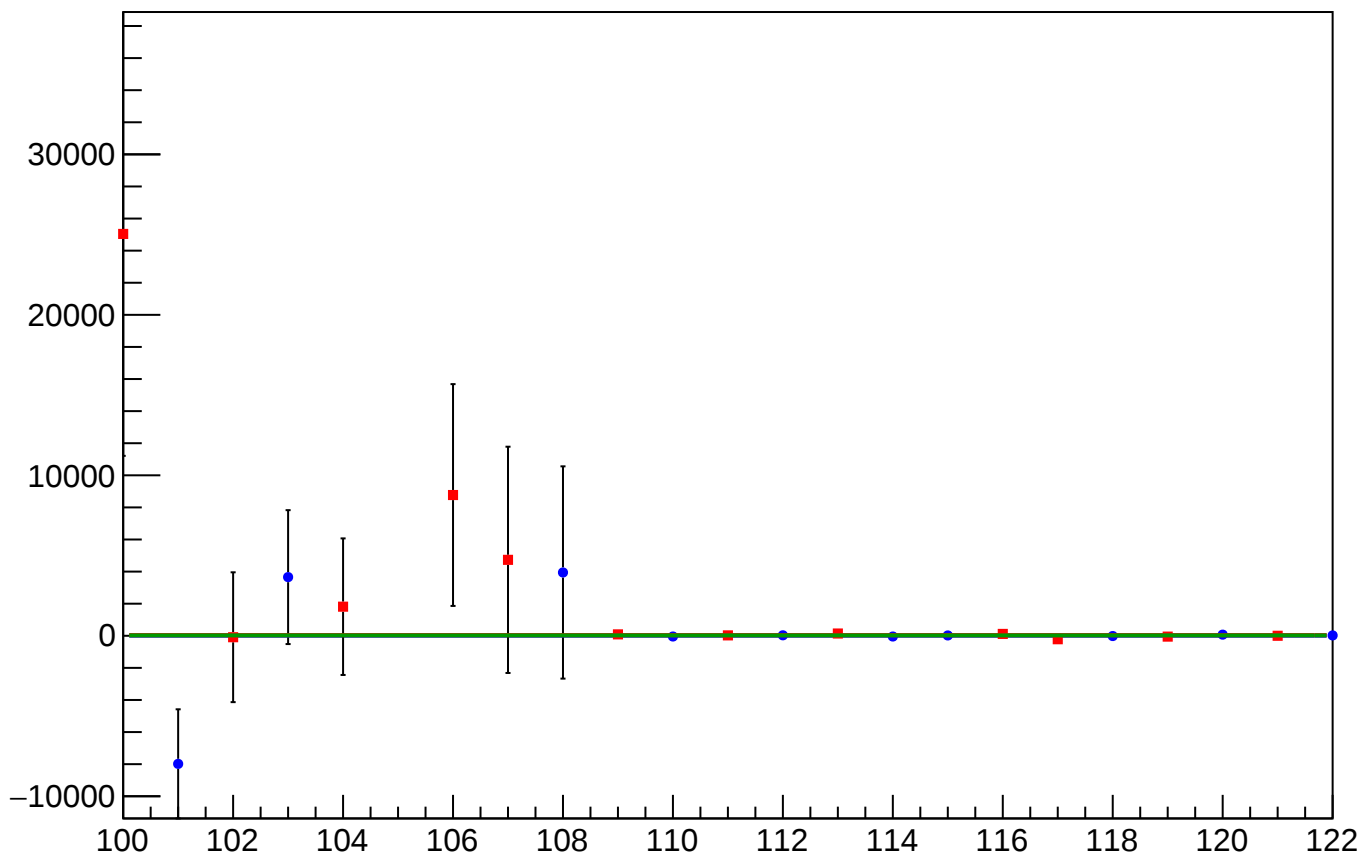
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.555+/-0.078 χ^2/NDF : 3073423.6/9

156.980+/-0.052 χ^2/NDF : 6657435.8/21

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: 8.855+/-20.259 χ^2 /NDF: 10.0/9

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

Right Out: 40.254+/-20.243 χ^2 /NDF: 20.3/11

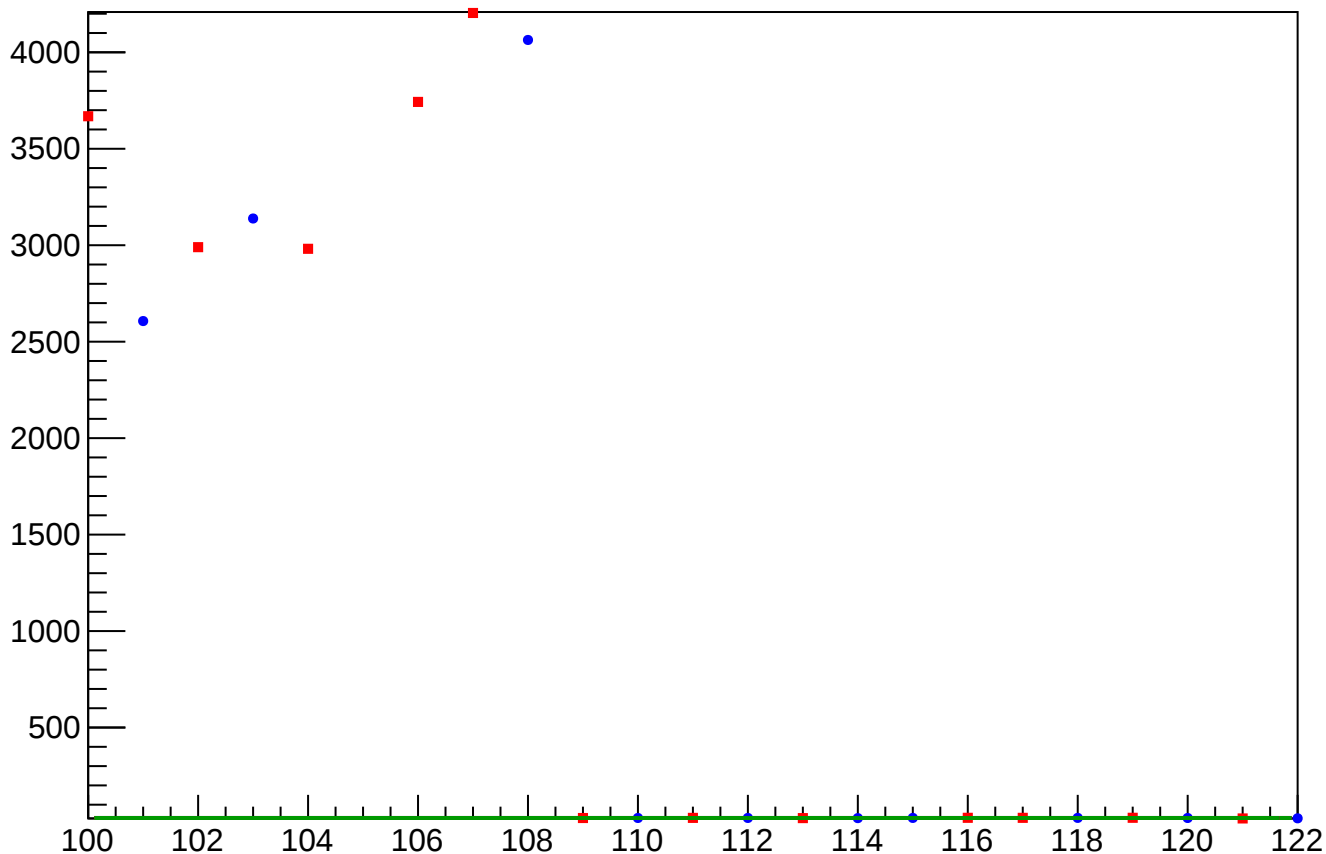
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

8.855+/-20.259 χ^2 /NDF: 10.0/9

24.567+/-14.319 χ^2 /NDF: 31.5/21

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: 31.110 $\pm$ 0.014 χ^2 /NDF: 3003137.3/9

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

Right Out: 31.135 $\pm$ 0.014 χ^2 /NDF: 3454997.9/11

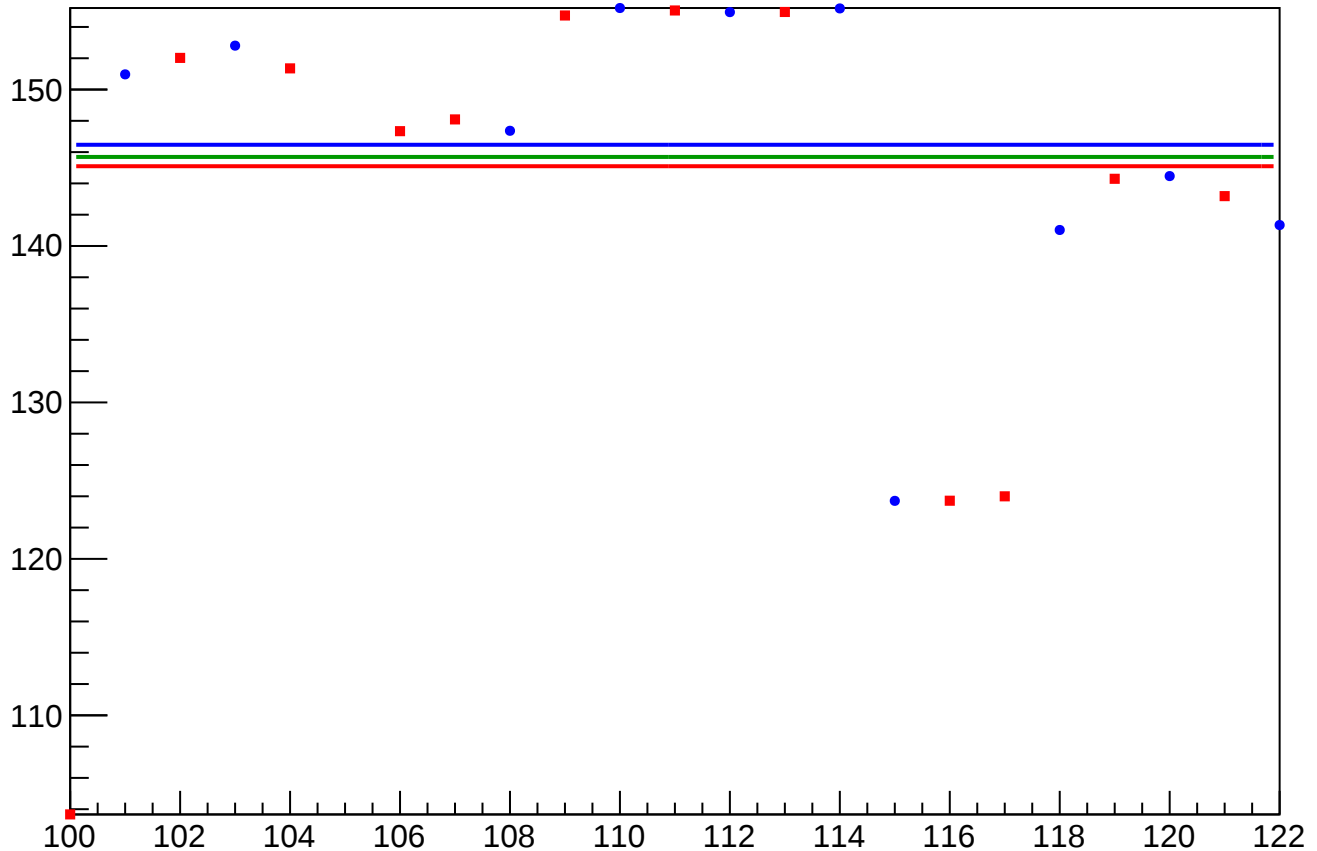
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.110 $\pm$ 0.014 χ^2 /NDF: 3003137.3/9

31.122 $\pm$ 0.010 χ^2 /NDF: 6458136.8/21

31.135 $\pm$ 0.014 χ^2 /NDF: 3454997.9/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 146.469+/-0.000 χ^2/NDF : 1946624852.9/9

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

Right Out: 145.098+/-0.000 χ^2/NDF : 4240763792.5/11

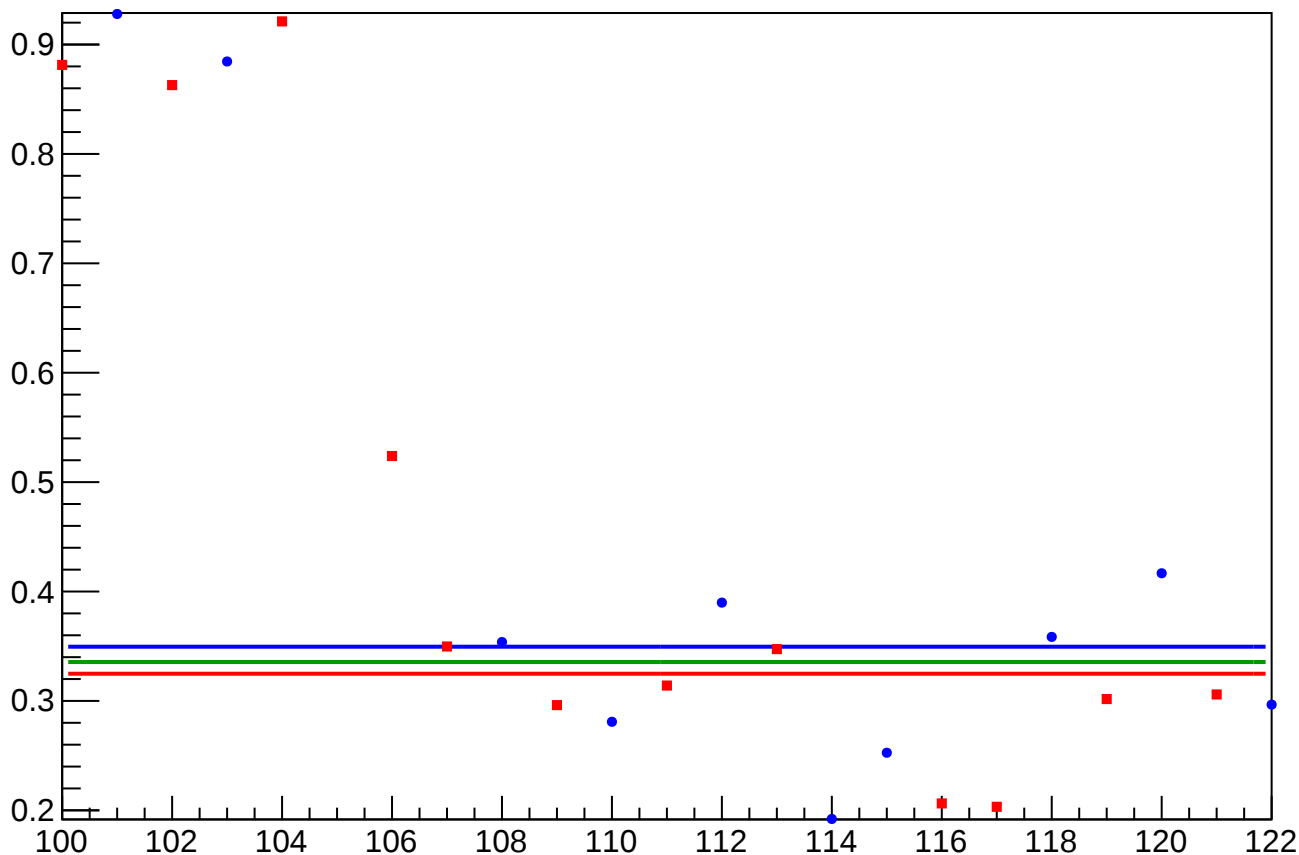
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.469+/-0.000 χ^2/NDF : 1946624852.9/9

145.692+/-0.000 χ^2/NDF : 6213363810.1/11

145.098+/-0.000 χ^2/NDF : 4240763792.5/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1094081.7/9

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1135162.1/11

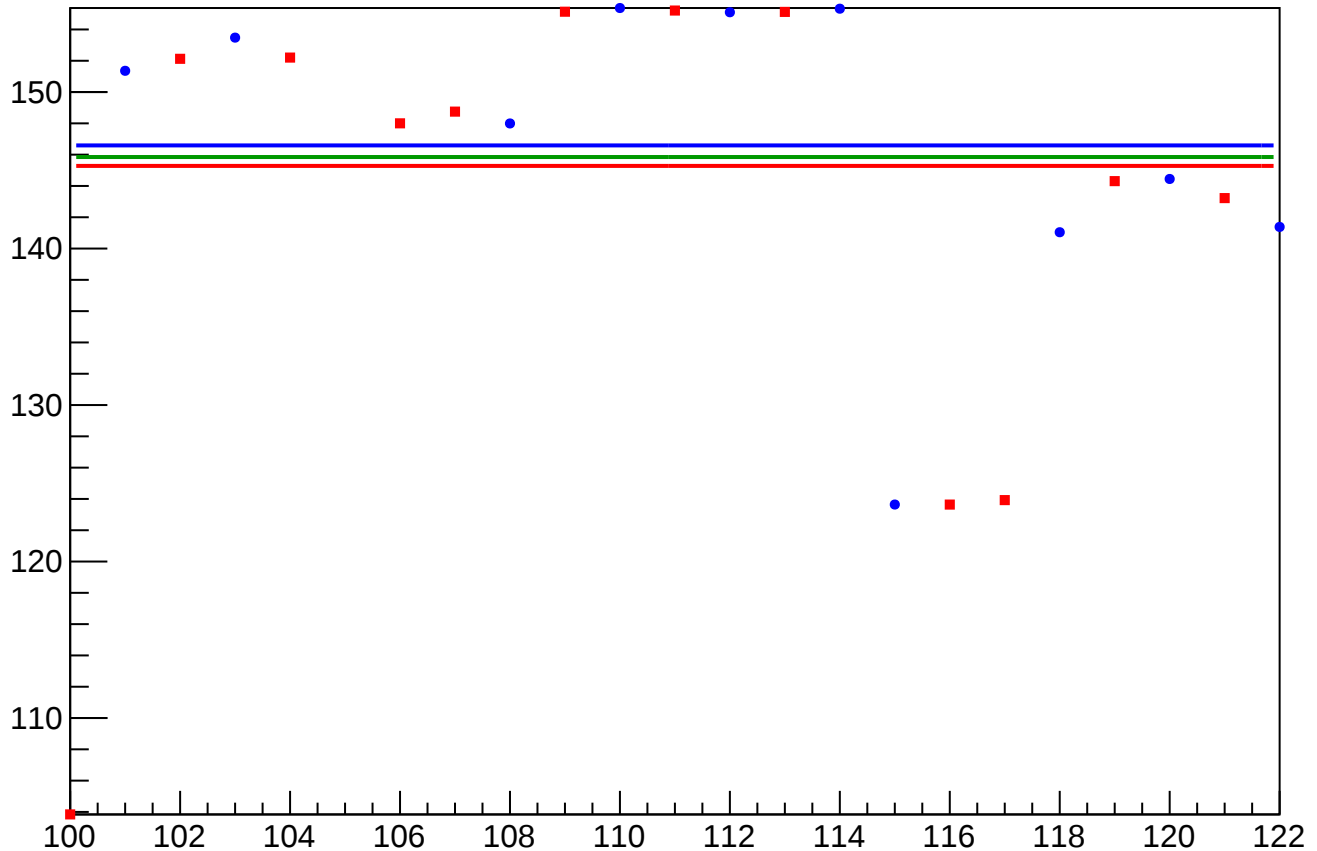
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.350+/-0.000 χ^2/NDF : 1094081.7/9

0.336+/-0.000 χ^2/NDF : 2246103.2/21

0.325+/-0.000 χ^2/NDF : 1135162.1/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 146.591±/0.000 χ^2/NDF : 1960302897.3/9

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

Right Out: 145.281±/0.000 χ^2/NDF : 4252619951.9/11

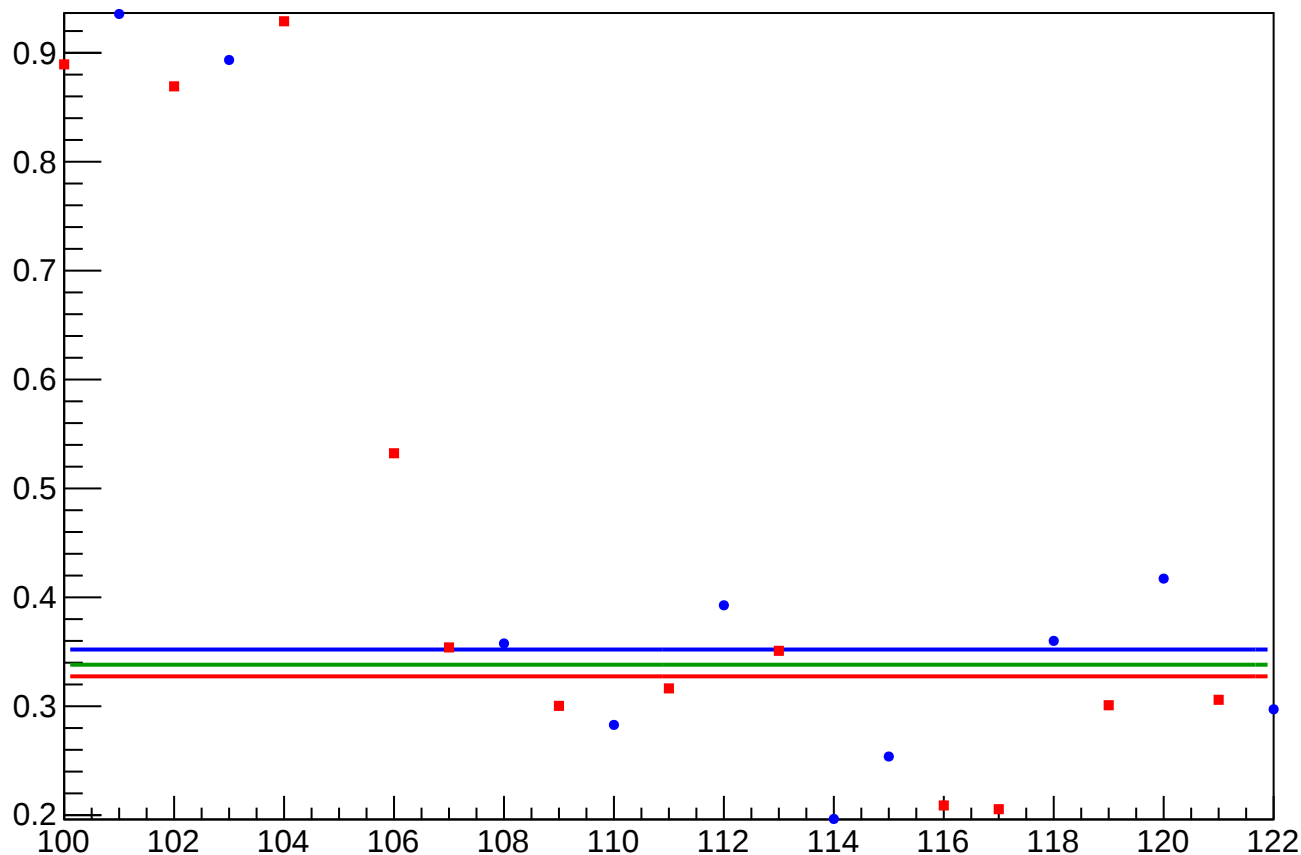
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

146.591±/0.000 χ^2/NDF : 1960302897.3/9

145.849±/0.000 χ^2/NDF : 6236278999.1/11

145.281±/0.000 χ^2/NDF : 4252619951.9/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.352+/-0.000 χ^2/NDF : 1090677.8/9

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1135334.6/11

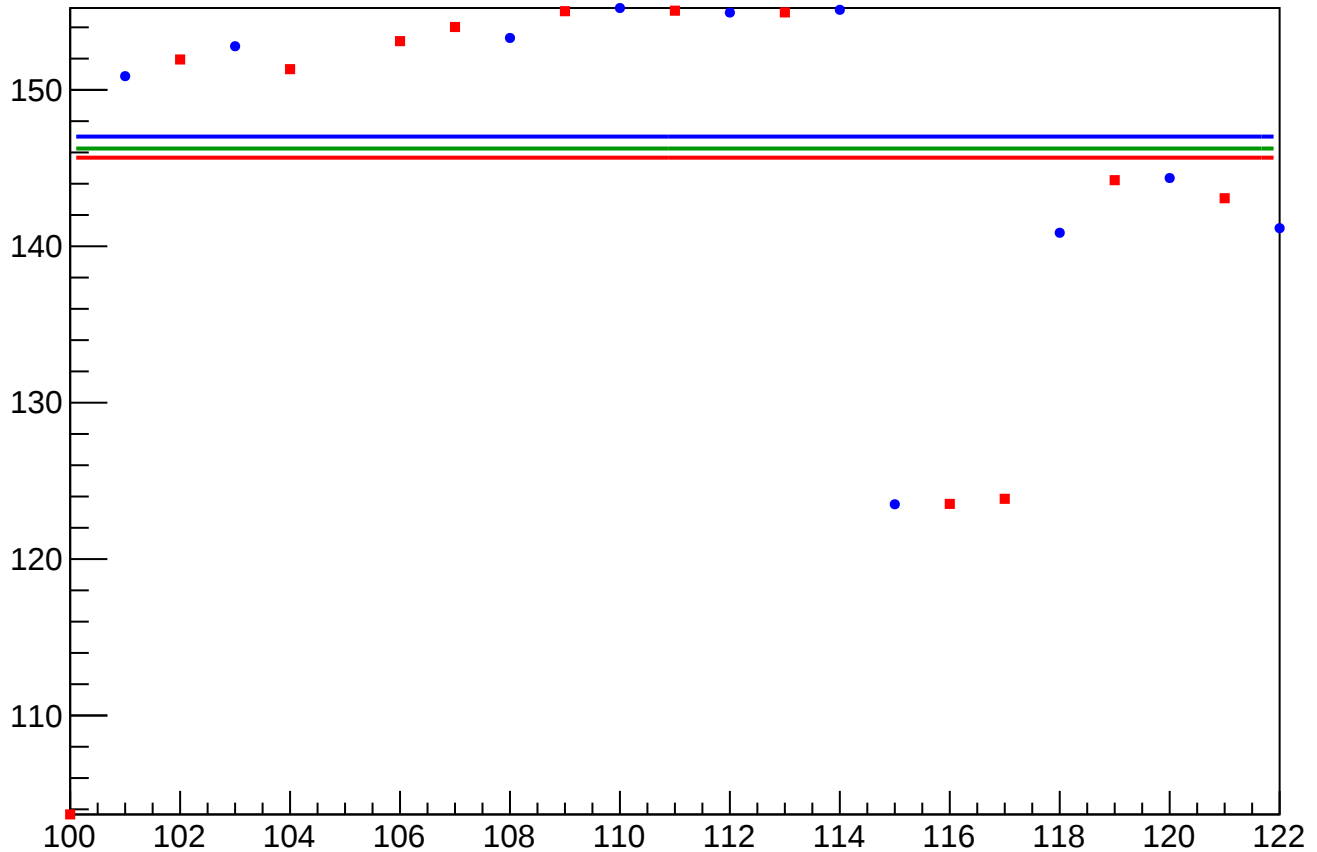
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.352+/-0.000 χ^2/NDF : 1090677.8/9

0.338+/-0.000 χ^2/NDF : 2242542.6/21

0.327+/-0.000 χ^2/NDF : 1135334.6/11

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 147.015 ± 0.000 $\chi^2/\text{NDF}: 2084340425.7/9$

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

Right Out: 145.666 ± 0.000 $\chi^2/\text{NDF}: 4488953047.6/11$

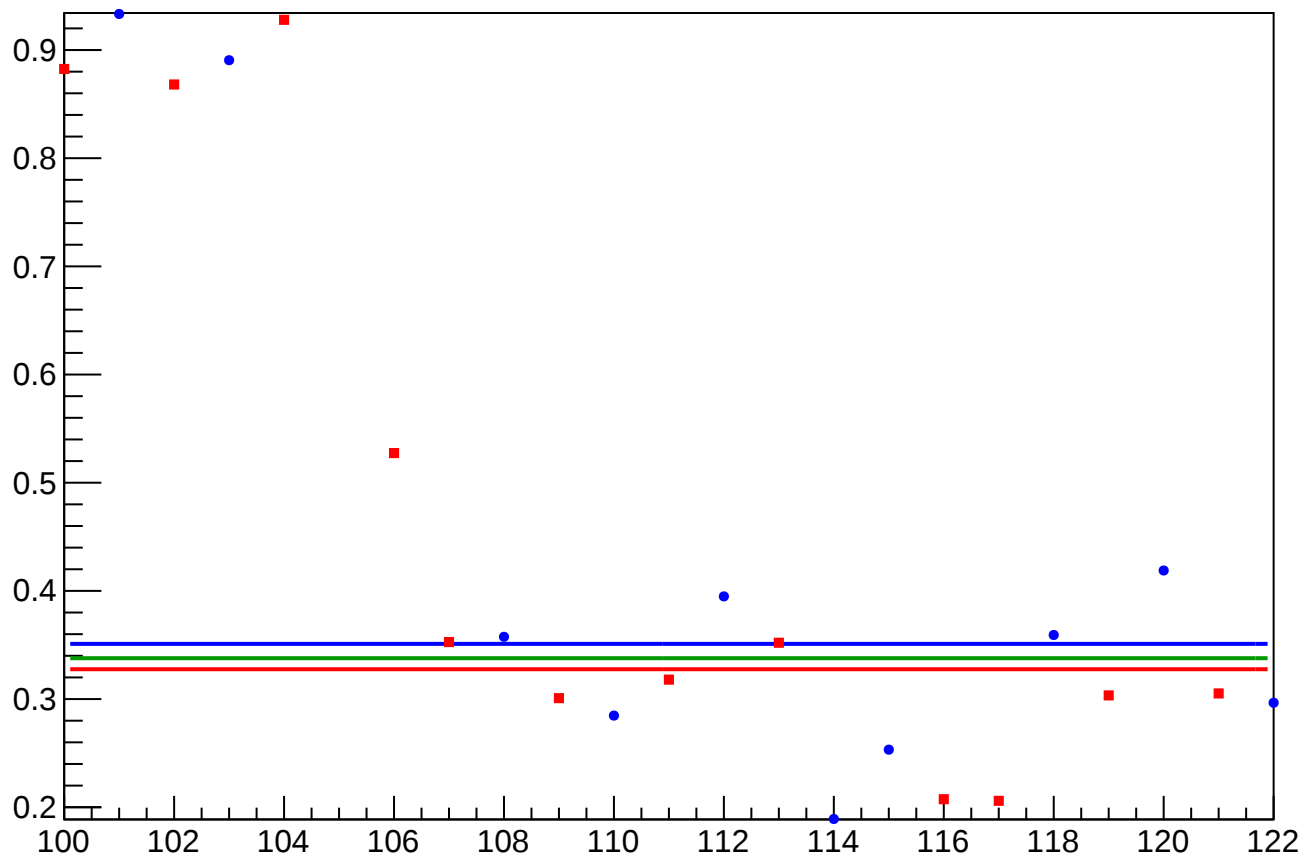
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

147.015 ± 0.000 $\chi^2/\text{NDF}: 2084340425.7/9$

146.252 ± 0.000 $\chi^2/\text{NDF}: 6598097284.5/9$

145.666 ± 0.000 $\chi^2/\text{NDF}: 4488953047.6/11$

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1104906.5/9

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

Right Out: 0.328+/-0.000 χ^2/NDF : 1135380.6/11

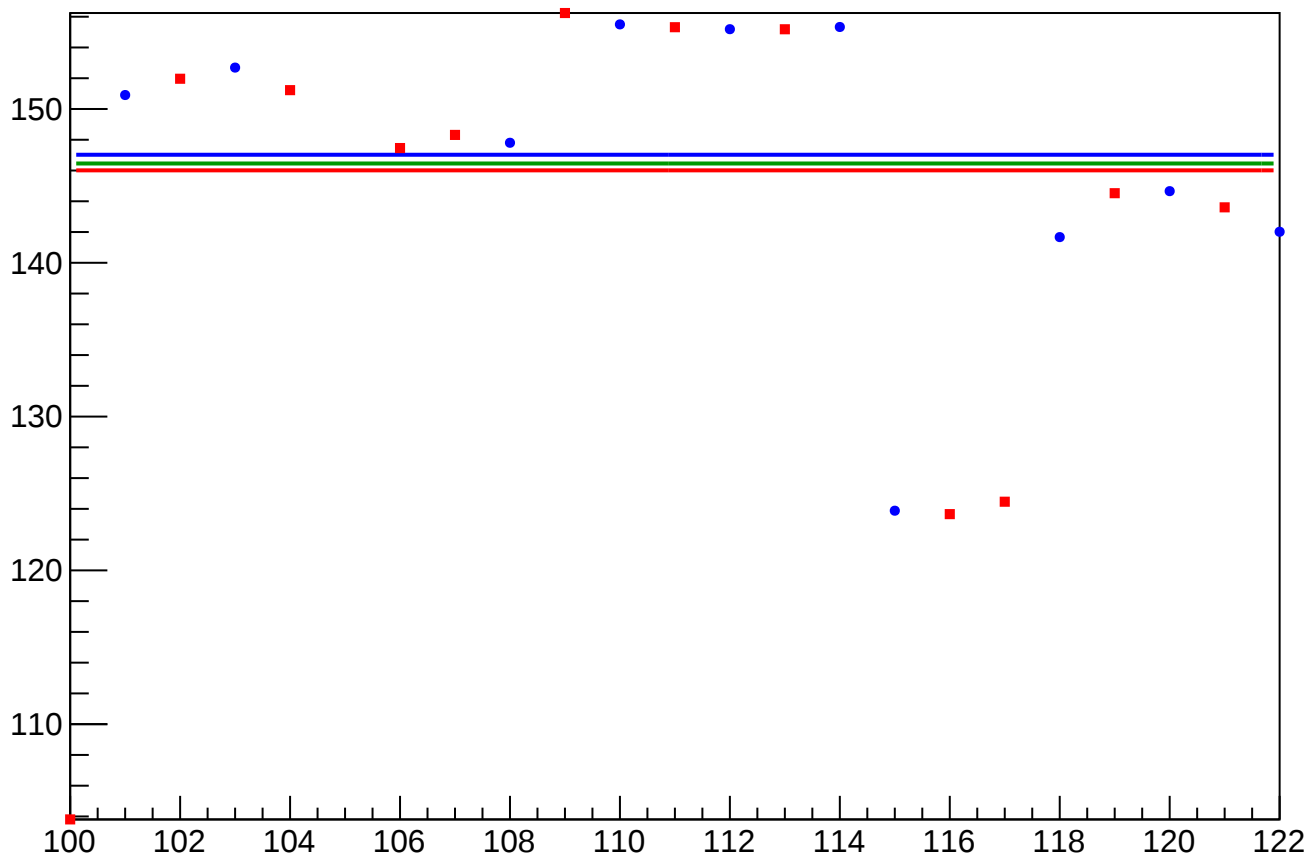
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.351+/-0.000 χ^2/NDF : 1104906.5/9

0.338+/-0.000 χ^2/NDF : 2255279.6/21

0.328+/-0.000 χ^2/NDF : 1135380.6/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 147.025+/-0.000 χ^2/NDF : 1732716100.8/9

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

Right Out: 146.010+/-0.000 χ^2/NDF : 3797270515.3/11

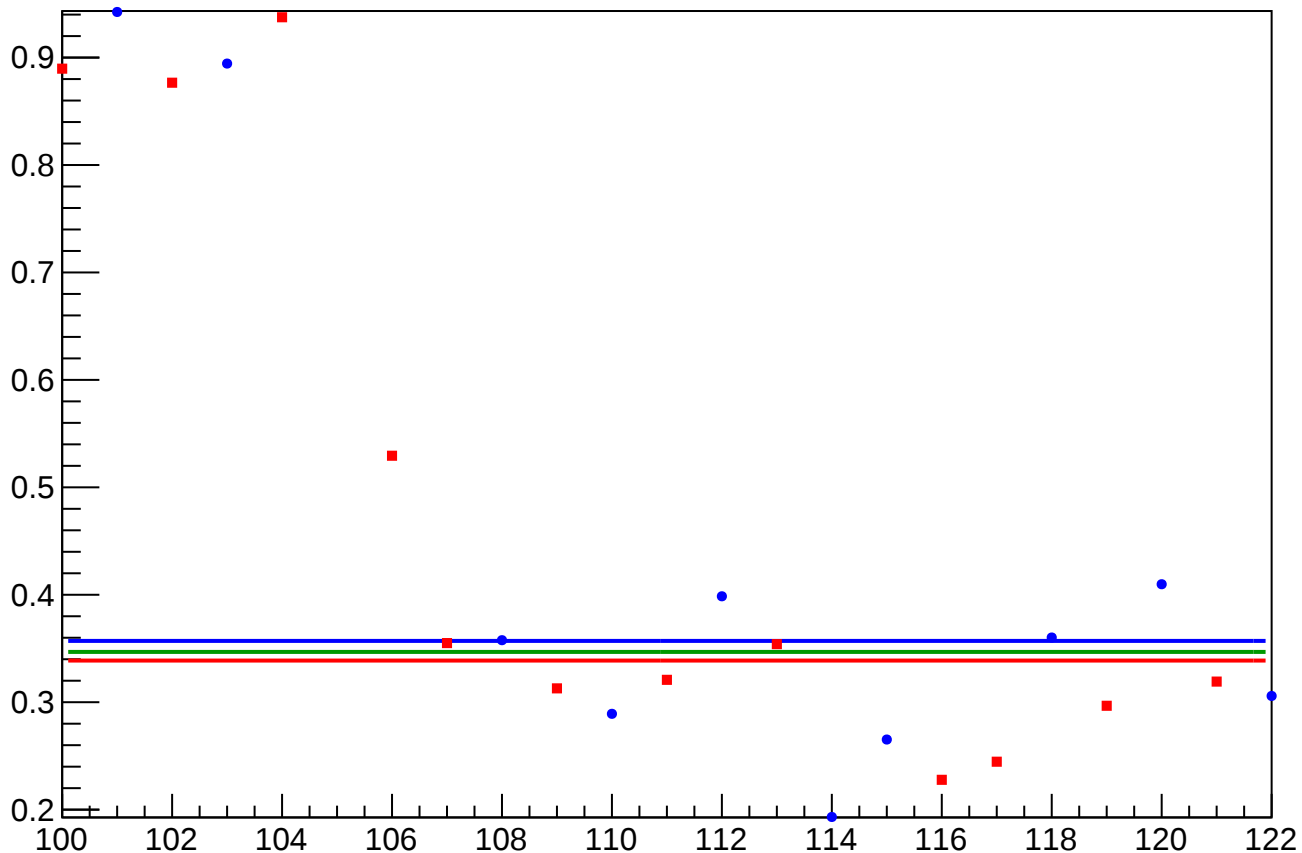
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.025+/-0.000 χ^2/NDF : 1732716100.8/9

146.456+/-0.000 χ^2/NDF : 5543439055.4/11

146.010+/-0.000 χ^2/NDF : 3797270515.3/11

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.357+/-0.000 χ^2/NDF : 1072691.6/9

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

Right Out: 0.339+/-0.000 χ^2/NDF : 1056316.5/11

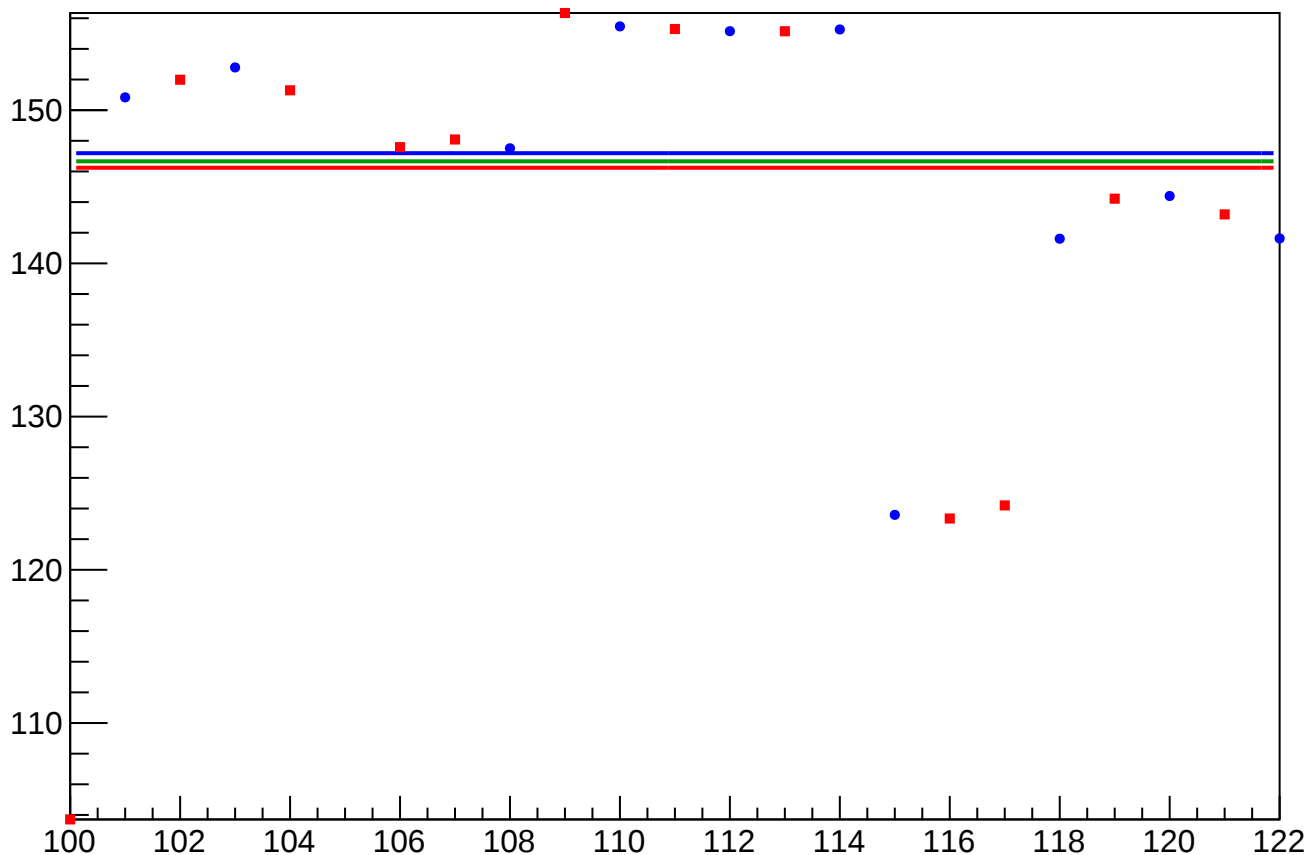
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.357+/-0.000 χ^2/NDF : 1072691.6/9

0.347+/-0.000 χ^2/NDF : 2137754.7/21

0.339+/-0.000 χ^2/NDF : 1056316.5/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 147.193+/-0.000 χ^2/NDF : 1759541251.5/9

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

Right Out: 146.243+/-0.000 χ^2/NDF : 3800753094.4/11

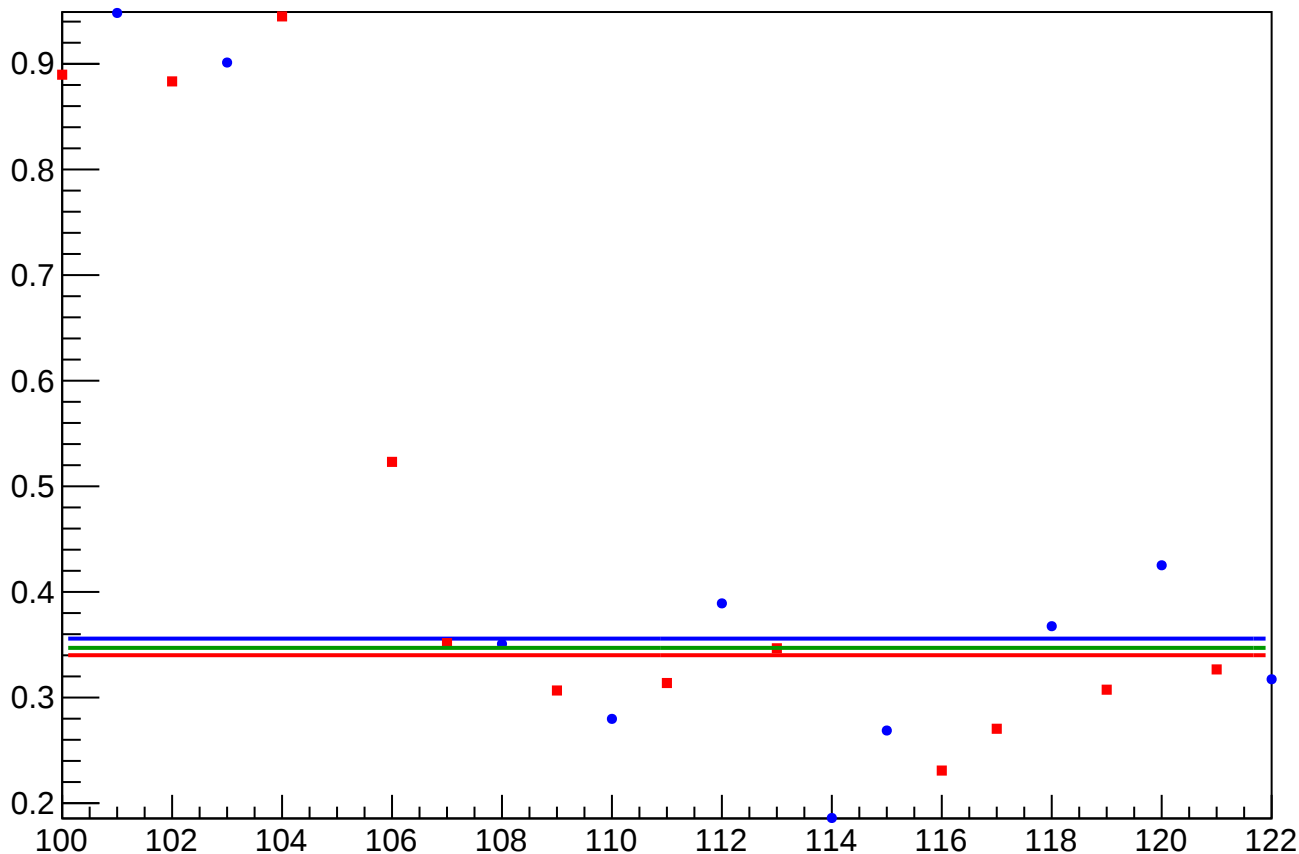
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.193+/-0.000 χ^2/NDF : 1759541251.5/9

146.662+/-0.000 χ^2/NDF : 5572076592.3/11

146.243+/-0.000 χ^2/NDF : 3800753094.4/11

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.356+/-0.000 χ^2/NDF : 1103135.2/9

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

Right Out: 0.340+/-0.000 χ^2/NDF : 1040156.4/11

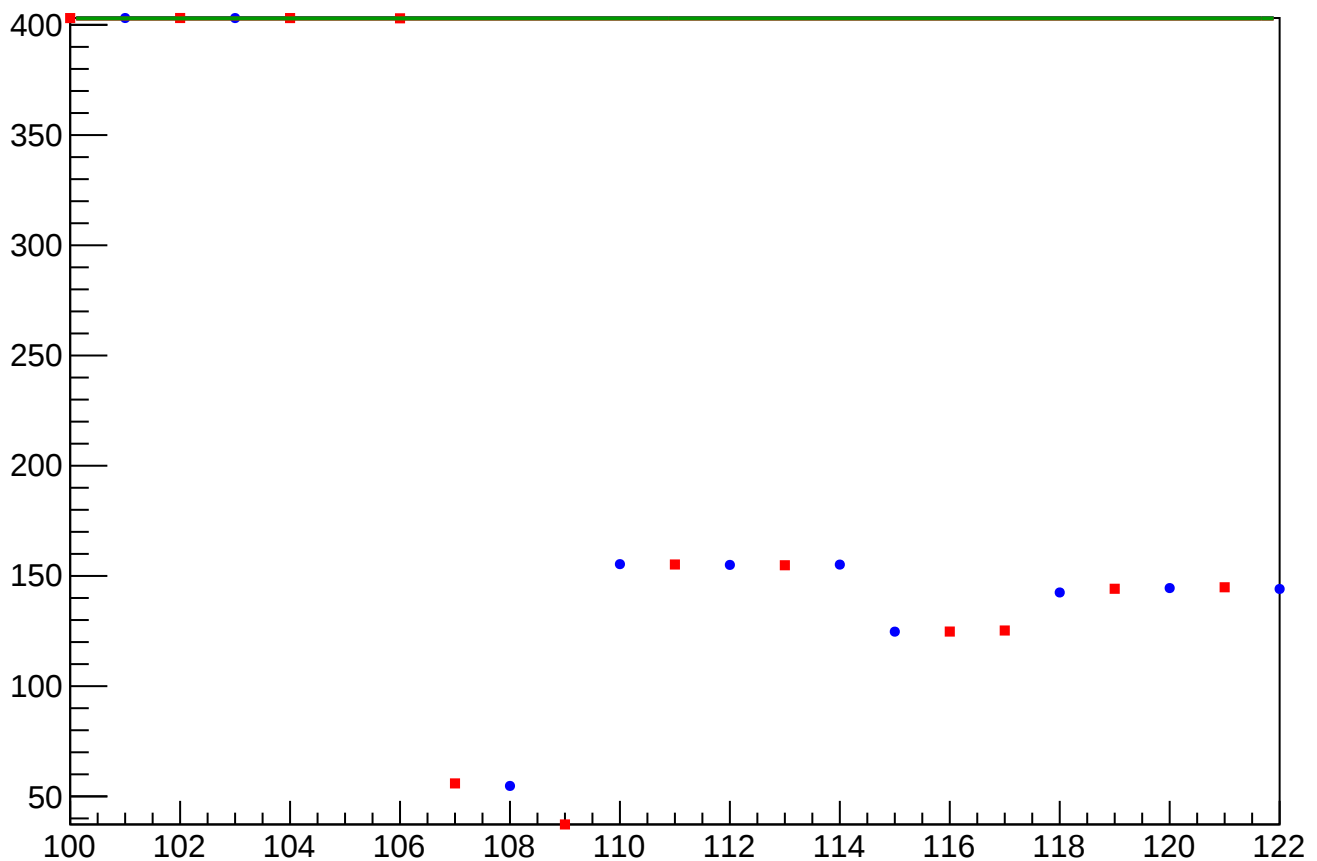
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.356+/-0.000 χ^2/NDF : 1103135.2/9

0.347+/-0.000 χ^2/NDF : 2149753.2/21

0.340+/-0.000 χ^2/NDF : 1040156.4/11

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.033+/-0.000 χ^2/NDF : 487542911129.4/9

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

Right Out: 402.852+/-0.000 χ^2/NDF : 2617483235908.7/11

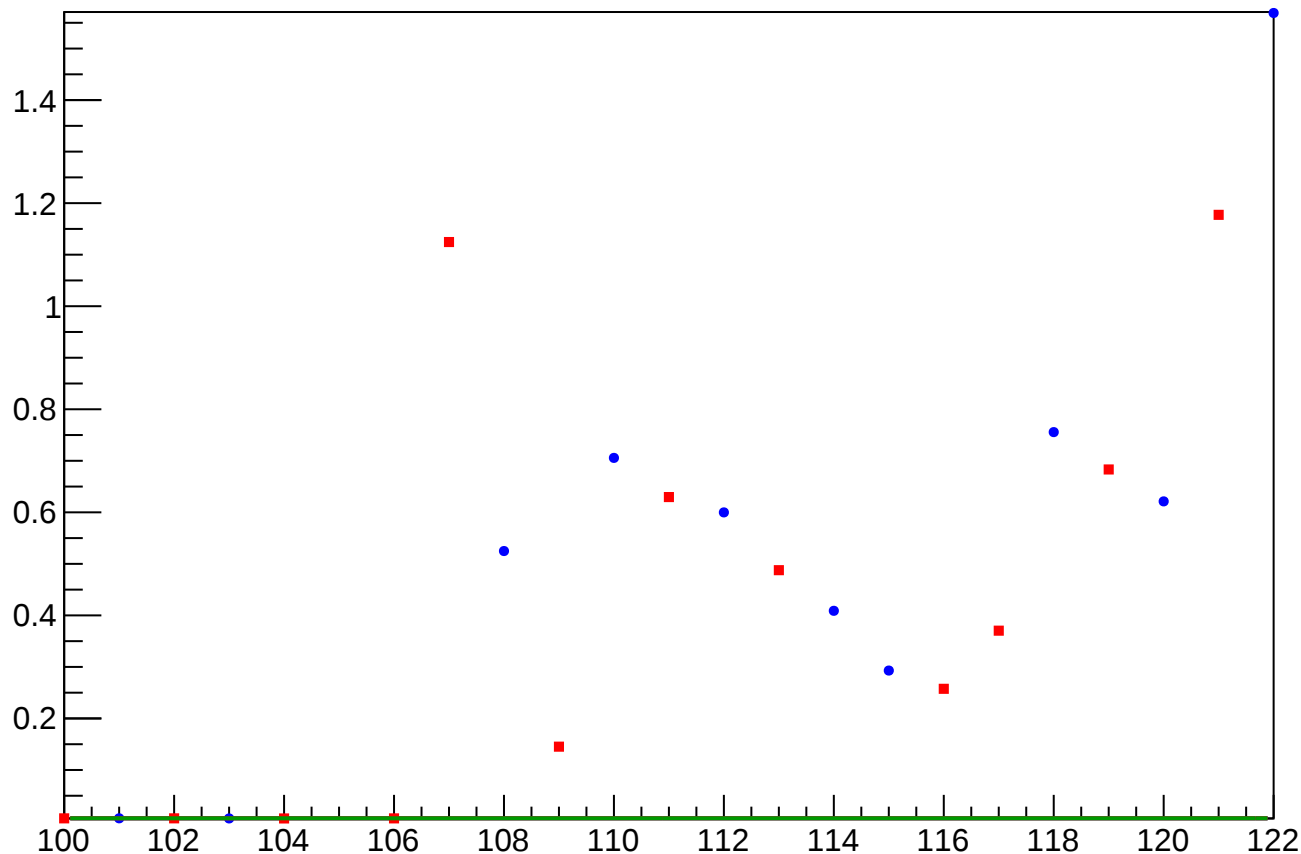
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.033+/-0.000 χ^2/NDF : 487542911129.4/9

402.937+/-0.000 χ^2/NDF : 310556931878

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 : 4379609.3/9

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

Right Out: 0.006+/-0.000 χ^2/NDF : 4506865.6/11

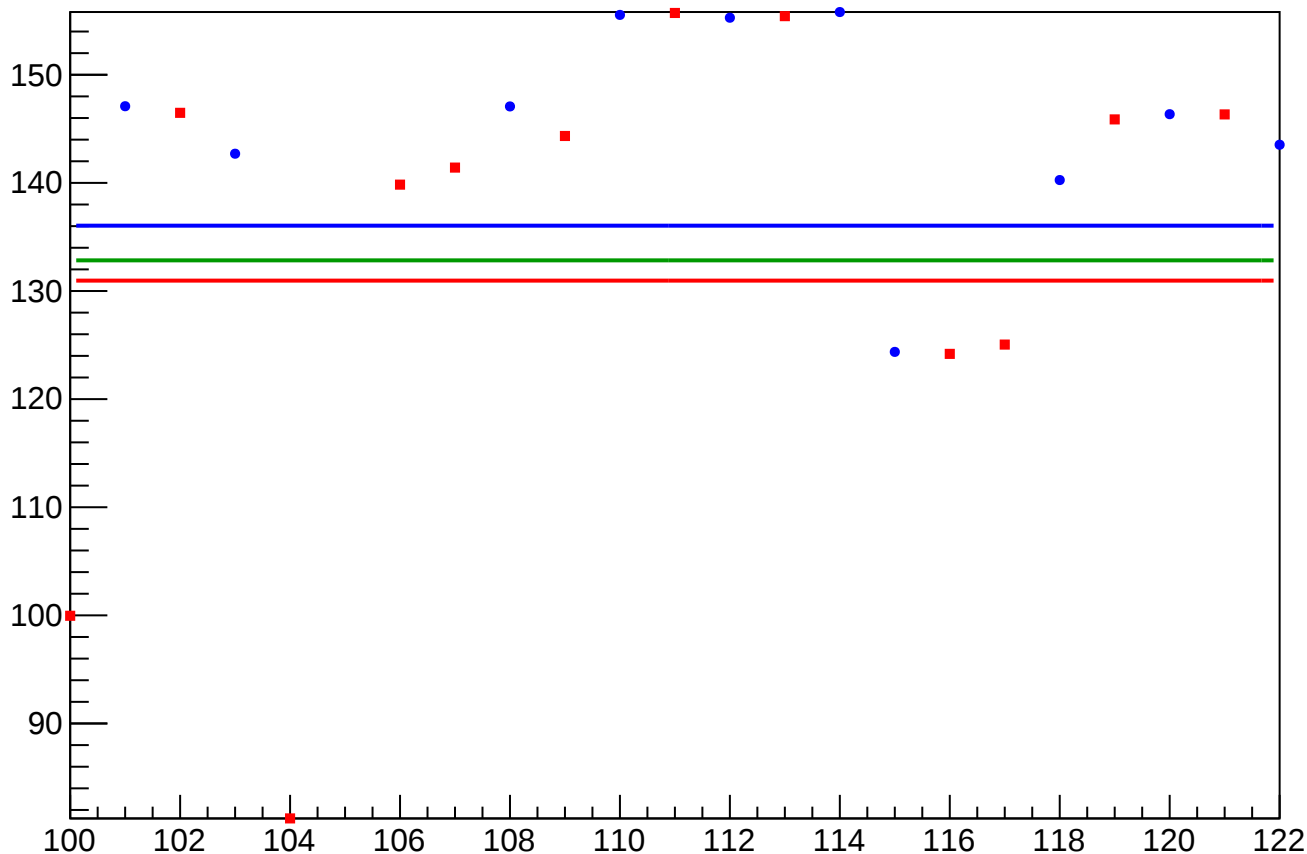
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4379609.3/9

0.006+/-0.000 χ^2/NDF : 8886495.2/21

0.006+/-0.000 χ^2/NDF : 4506865.6/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.043+/-0.001 χ^2/NDF : 482072809.6/9

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

Right Out: 130.961+/-0.000 χ^2/NDF : 890000194.2/11

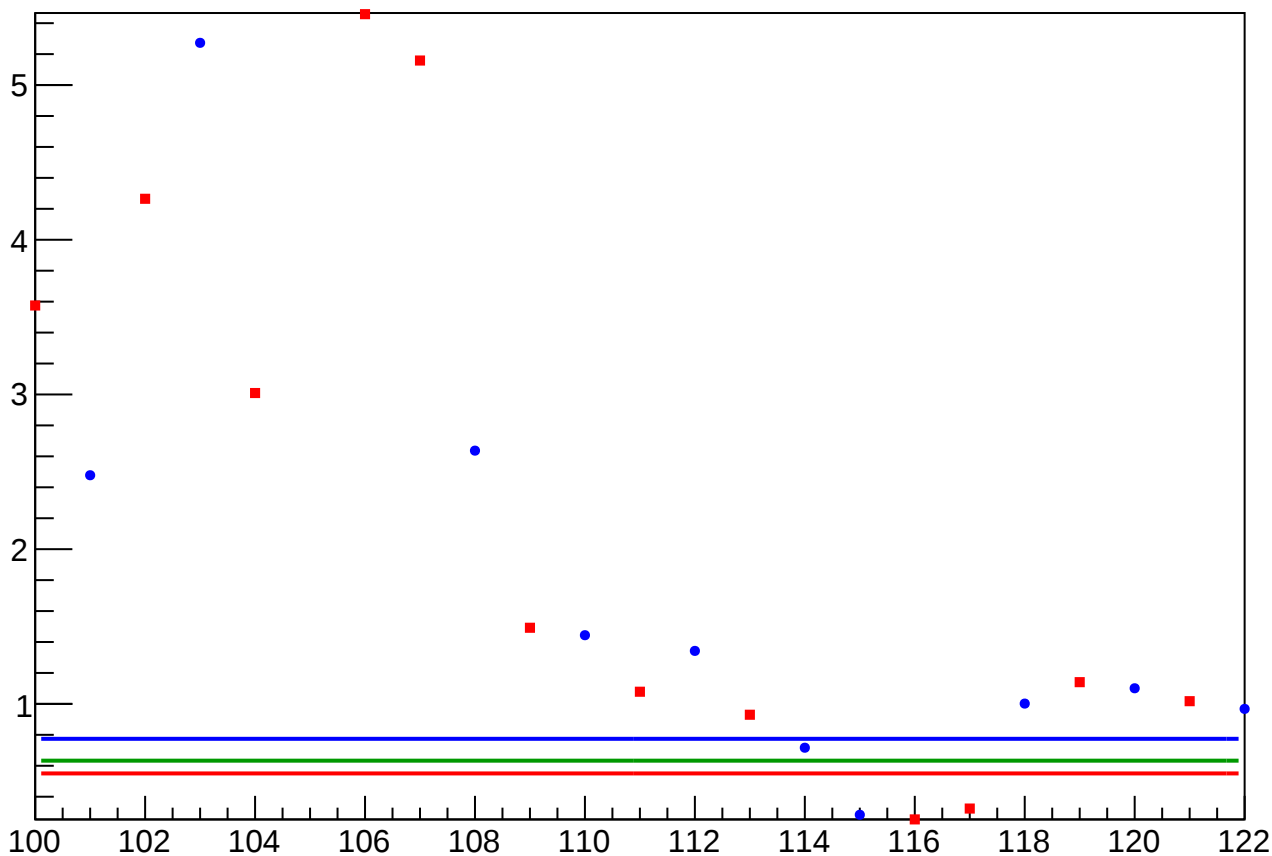
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.043+/-0.001 χ^2/NDF : 482072809.6/9

132.835+/-0.000 χ^2/NDF : 1425088901.2/11

130.961+/-0.000 χ^2/NDF : 890000194.2/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.774+/-0.000 χ^2/NDF : 2765346.0/9

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

Right Out: 0.550+/-0.000 χ^2/NDF : 4066217.7/11

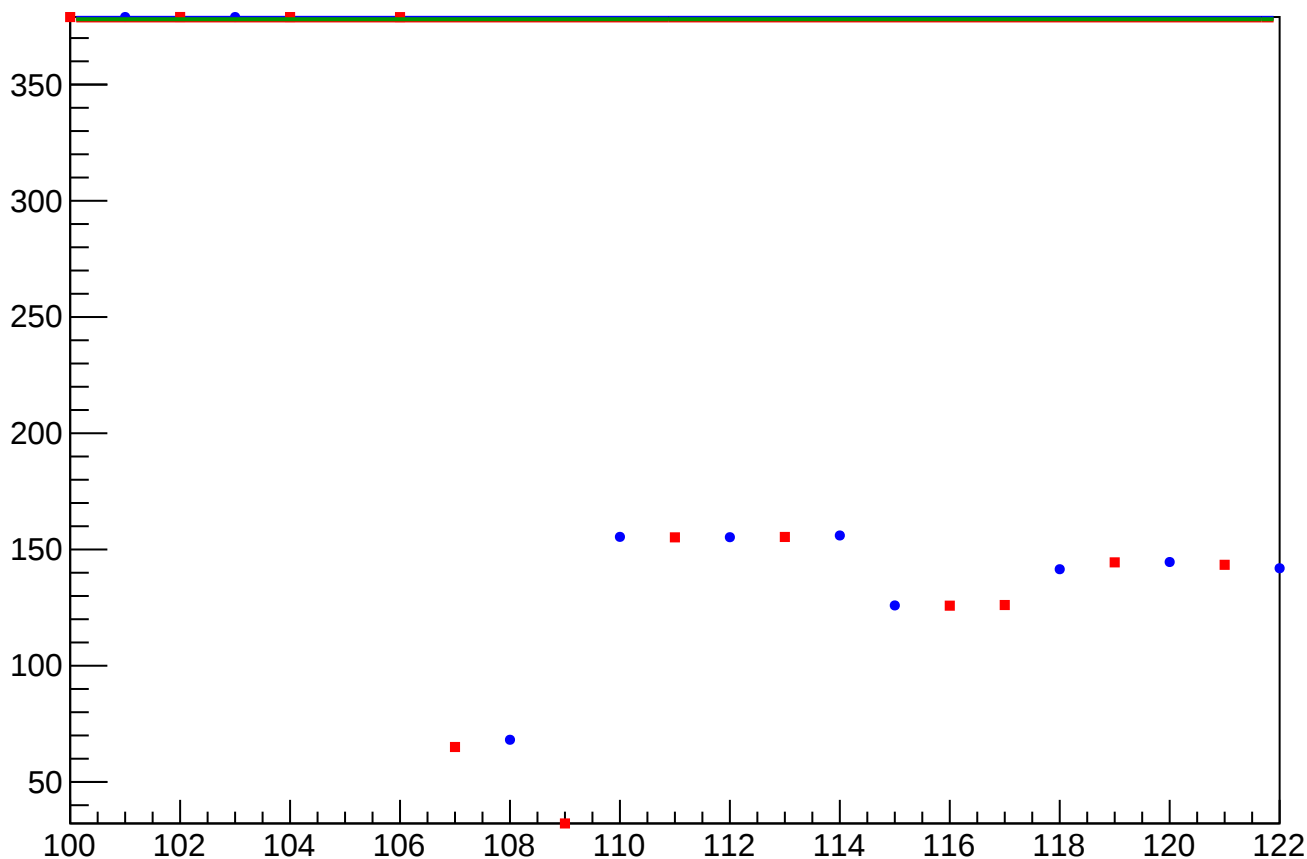
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.774+/-0.000 χ^2/NDF : 2765346.0/9

0.633+/-0.000 χ^2/NDF : 7037049.3/21

0.550+/-0.000 χ^2/NDF : 4066217.7/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.702+/-0.000 χ^2/NDF : 1190855895101.9/9

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

Right Out: 377.582+/-0.000 χ^2/NDF : 7242868916681.1/11

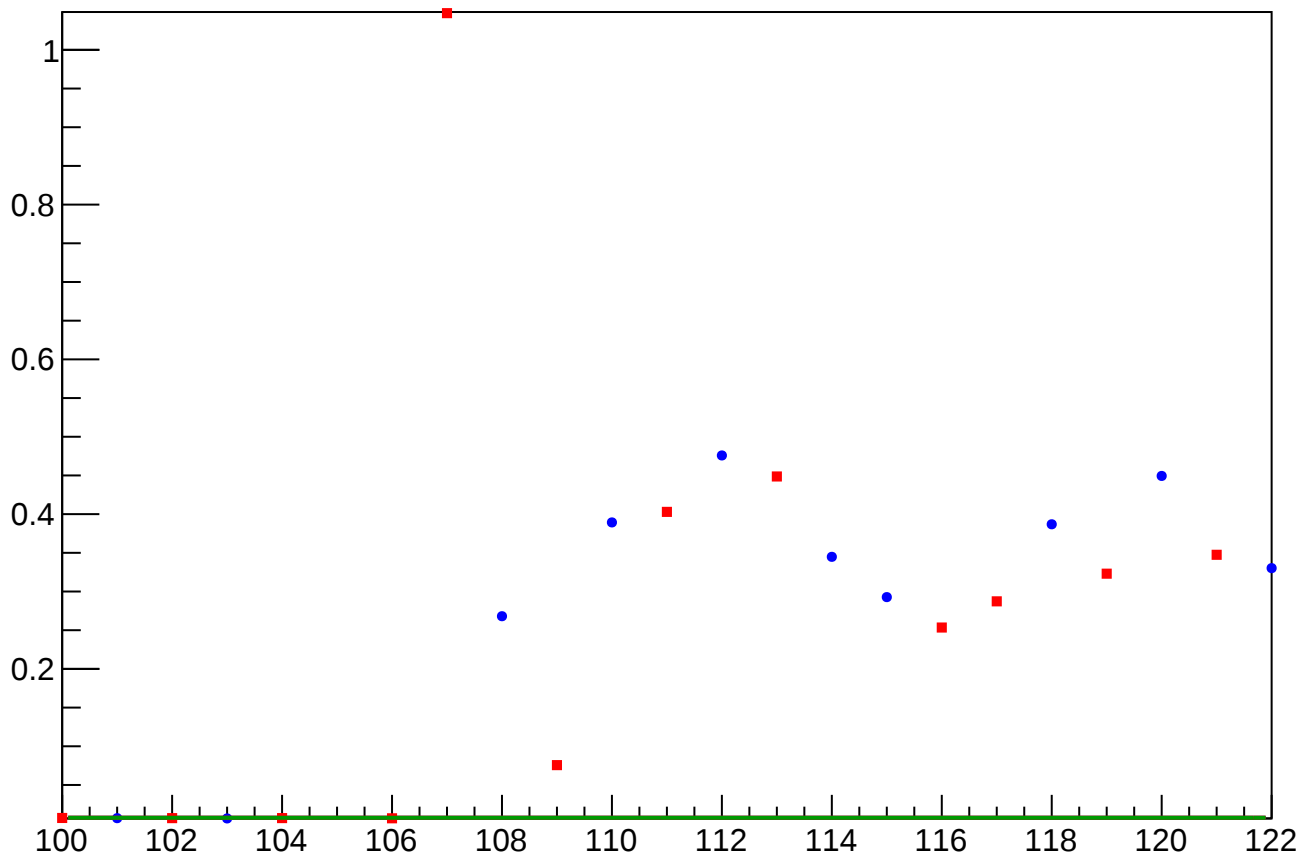
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.702+/-0.000 χ^2/NDF : 1190855895101.9/9

378.105+/-0.000 χ^2/NDF : 844260961803

377.582+/-0.000 χ^2/NDF : 7242868916681.1/11

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 4641004.4/9

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4592677.7/11

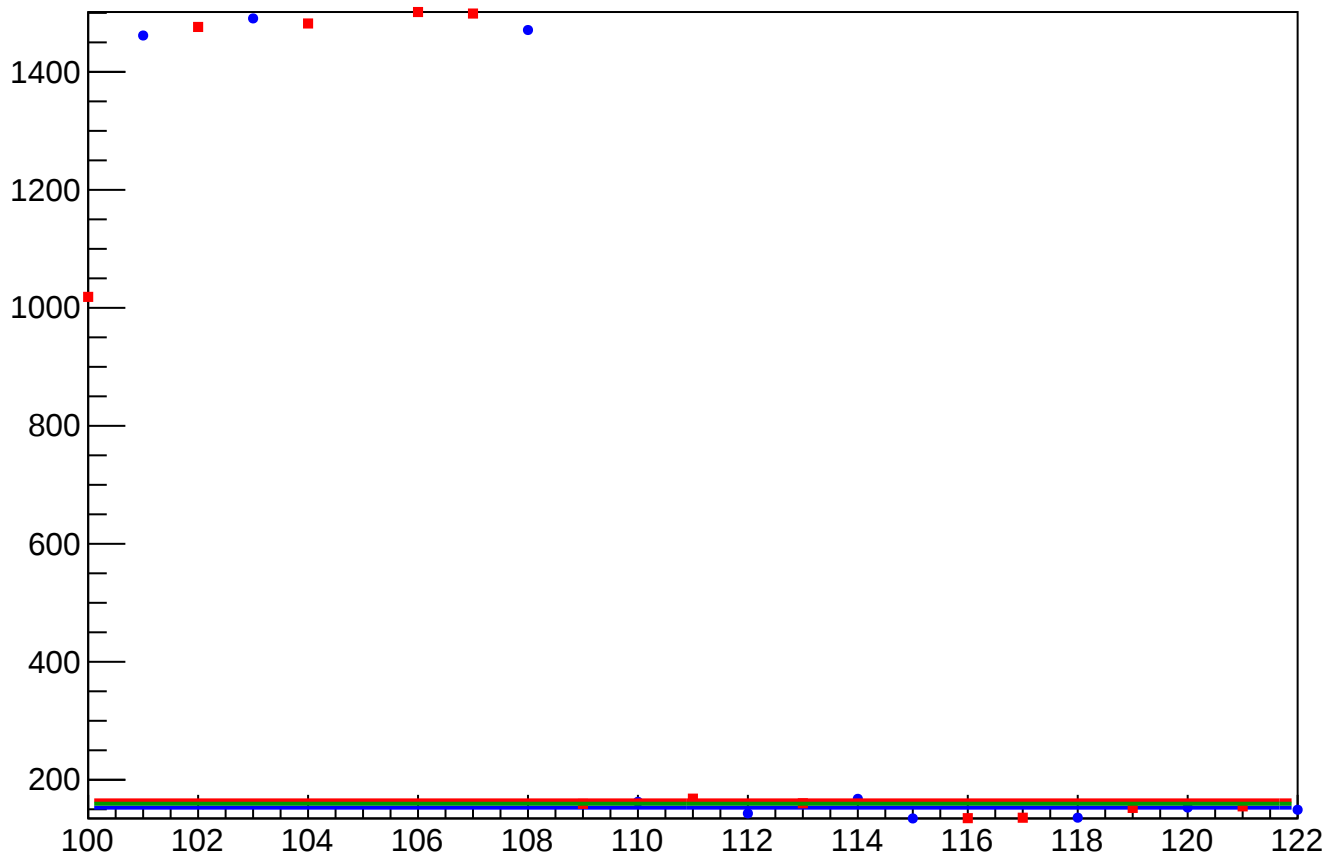
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 4641004.4/9

0.008+/-0.000 χ^2/NDF : 9234042.1/21

0.008+/-0.000 χ^2/NDF : 4592677.7/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 152.782+/-0.001 χ^2/NDF : 24062105490.2/9

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

Right Out: 165.088+/-0.001 χ^2/NDF : 32844873399.1/11

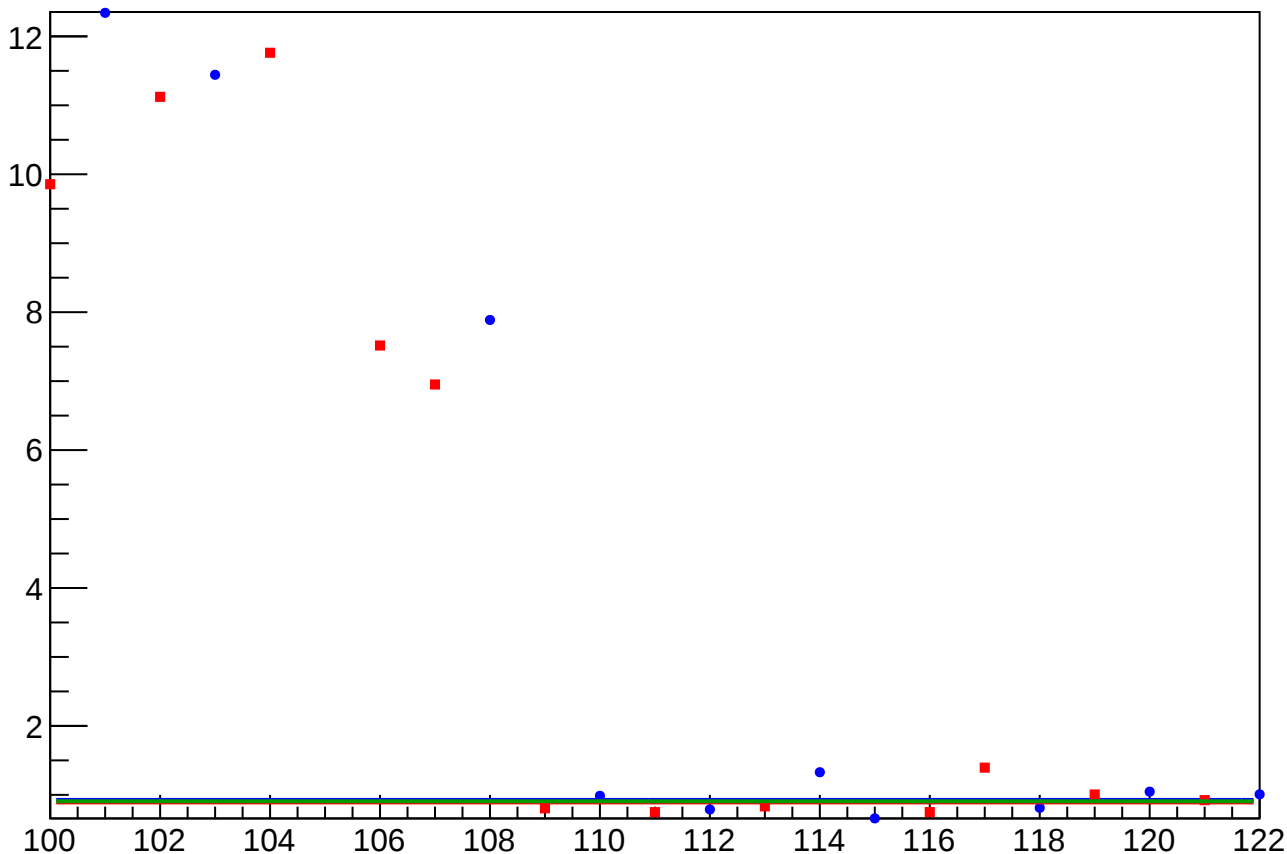
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.782+/-0.001 χ^2/NDF : 24062105490.2/9

159.421+/-0.000 χ^2/NDF : 57096625462.6

165.088+/-0.001 χ^2/NDF : 32844873399.1/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.926+/-0.000 χ^2/NDF : 2541421.2/9

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

Right Out: 0.890+/-0.000 χ^2/NDF : 2690133.1/11

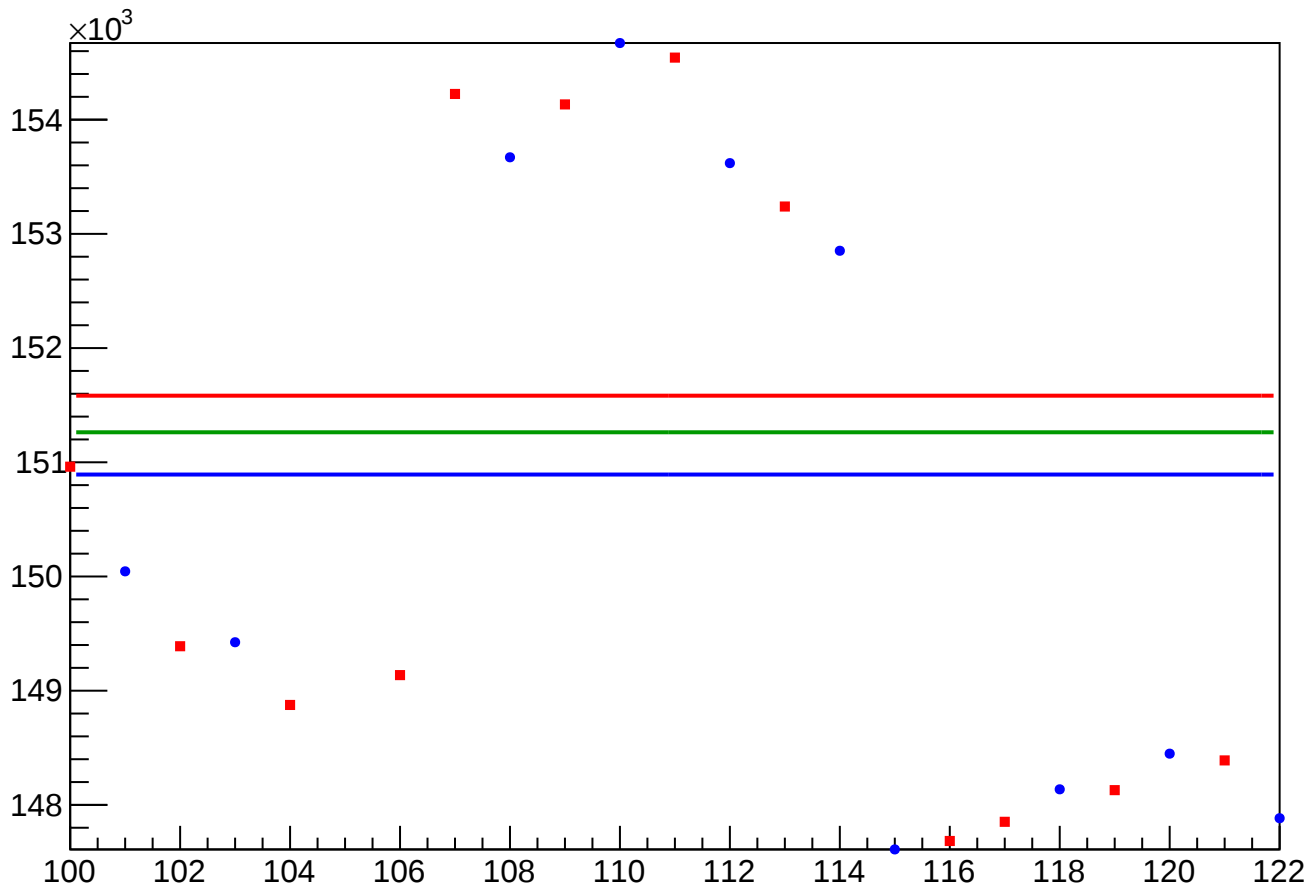
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.926+/-0.000 χ^2/NDF : 2541421.2/9

0.907+/-0.000 χ^2/NDF : 5234784.6/21

0.890+/-0.000 χ^2/NDF : 2690133.1/11

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150892.723 $\pm$ 0.079 χ^2 /NDF: 1309842263.2/9

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

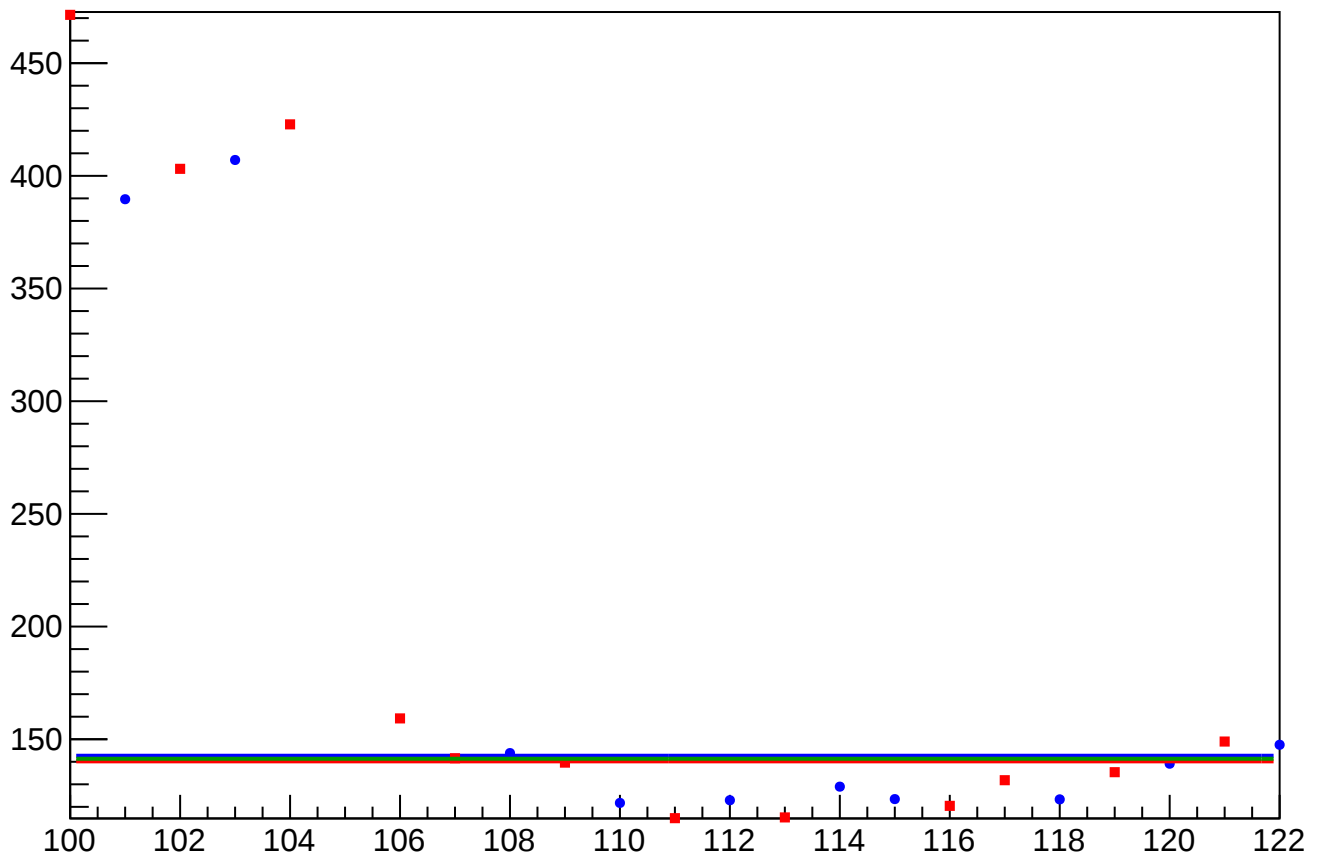
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150892.723 $\pm$ 0.079 χ^2 /NDF: 1309842263.2/9

151262.760 $\pm$ 0.054 χ^2 /NDF: 285928371

151583.173 $\pm$ 0.074 χ^2 /NDF: 1508934164.7/11

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 142.677 $\pm$ 0.056 χ^2 /NDF: 1024758.3/9

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

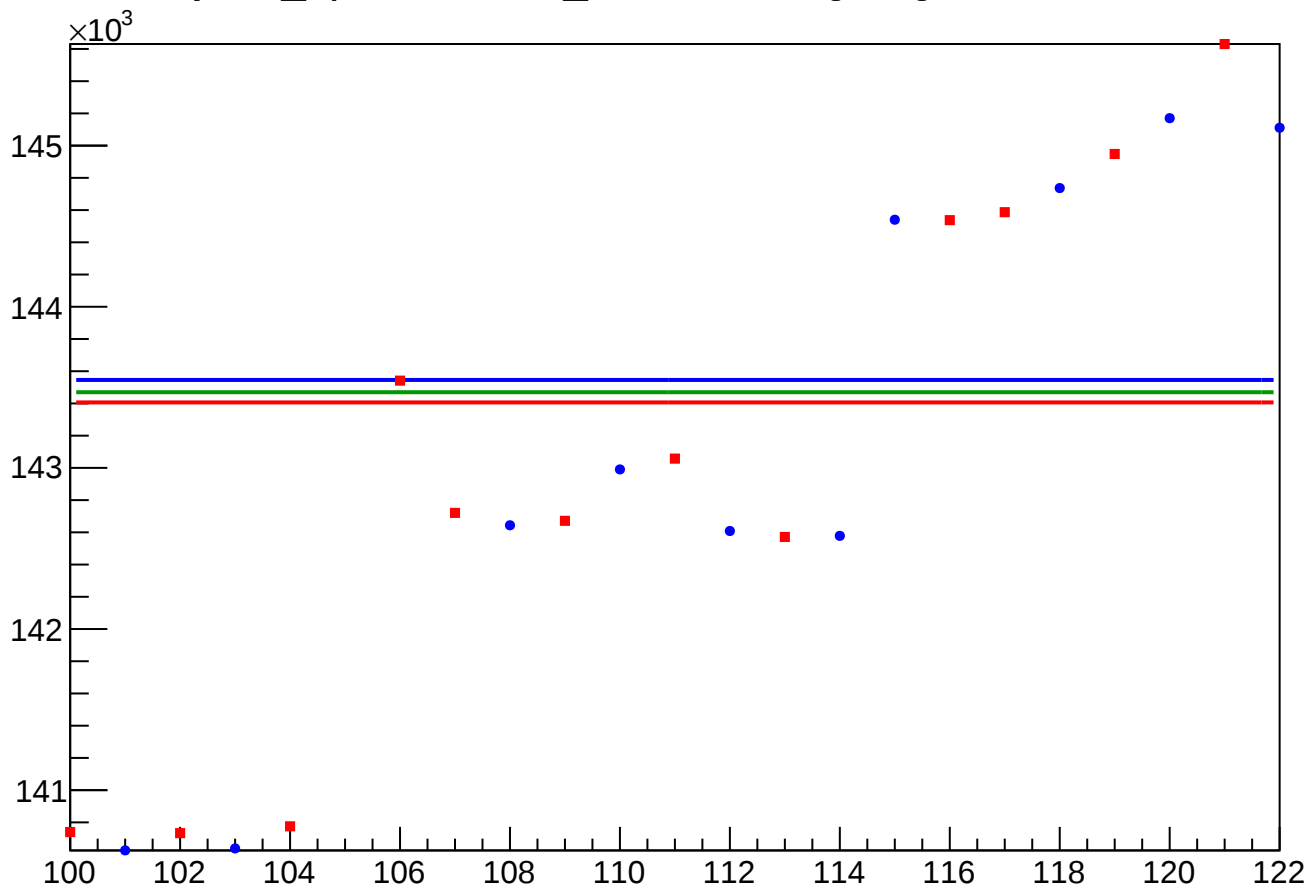
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.677 $\pm$ 0.056 χ^2 /NDF: 1024758.3/9

141.345 $\pm$ 0.038 χ^2 /NDF: 2101693.4/21

140.191 $\pm$ 0.052 χ^2 /NDF: 1075884.7/11

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143545.828 $\pm$ 0.065 χ^2 /NDF: 343847199.9/9

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

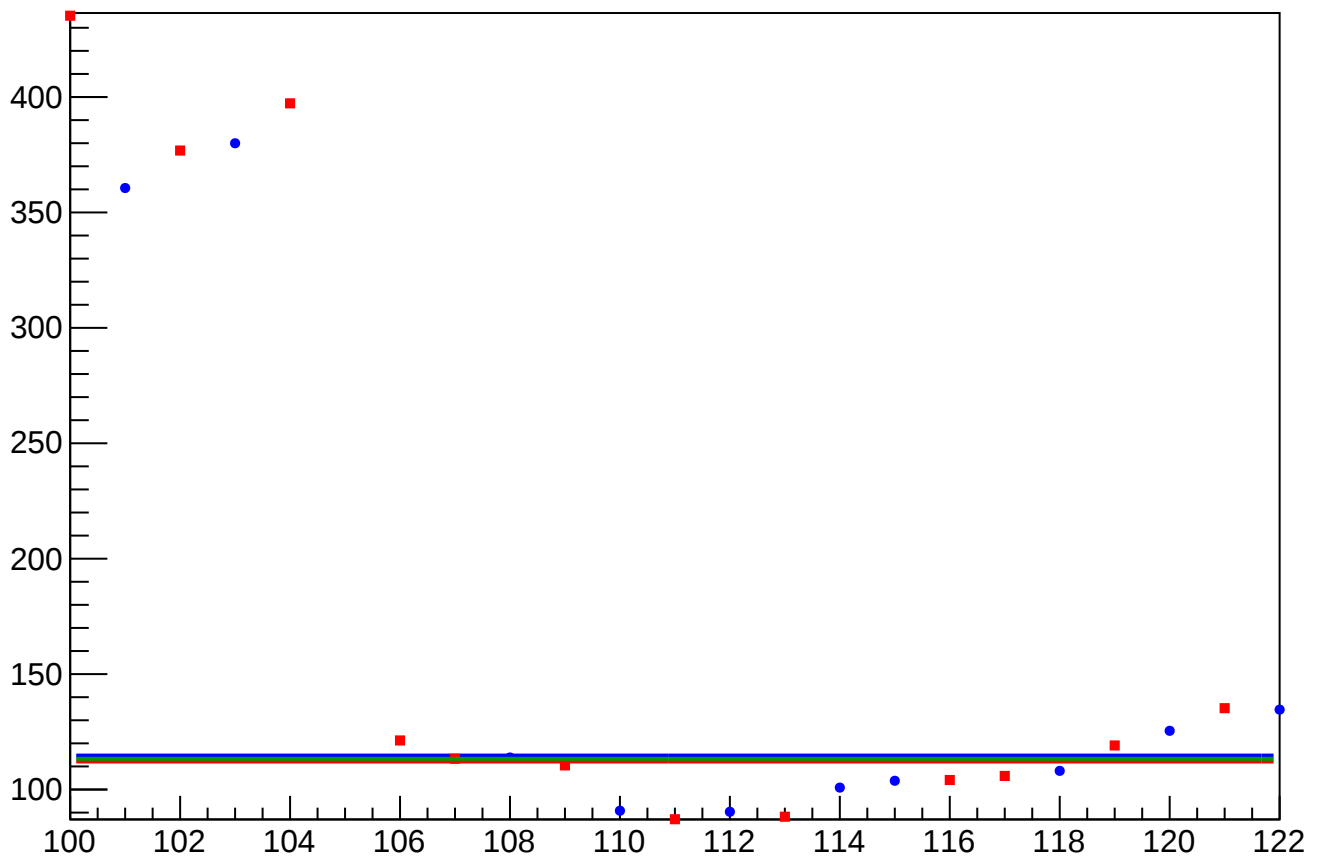
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143545.828 $\pm$ 0.065 χ^2 /NDF: 343847199.9/9

143469.570 $\pm$ 0.044 χ^2 /NDF: 698757666

143406.366 $\pm$ 0.059 χ^2 /NDF: 352383514.8/11

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 114.705 $\pm$ 0.046 χ^2 /NDF: 1237561.0/9

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

Right Out: 112.148 $\pm$ 0.042 χ^2 /NDF: 1286646.6/11

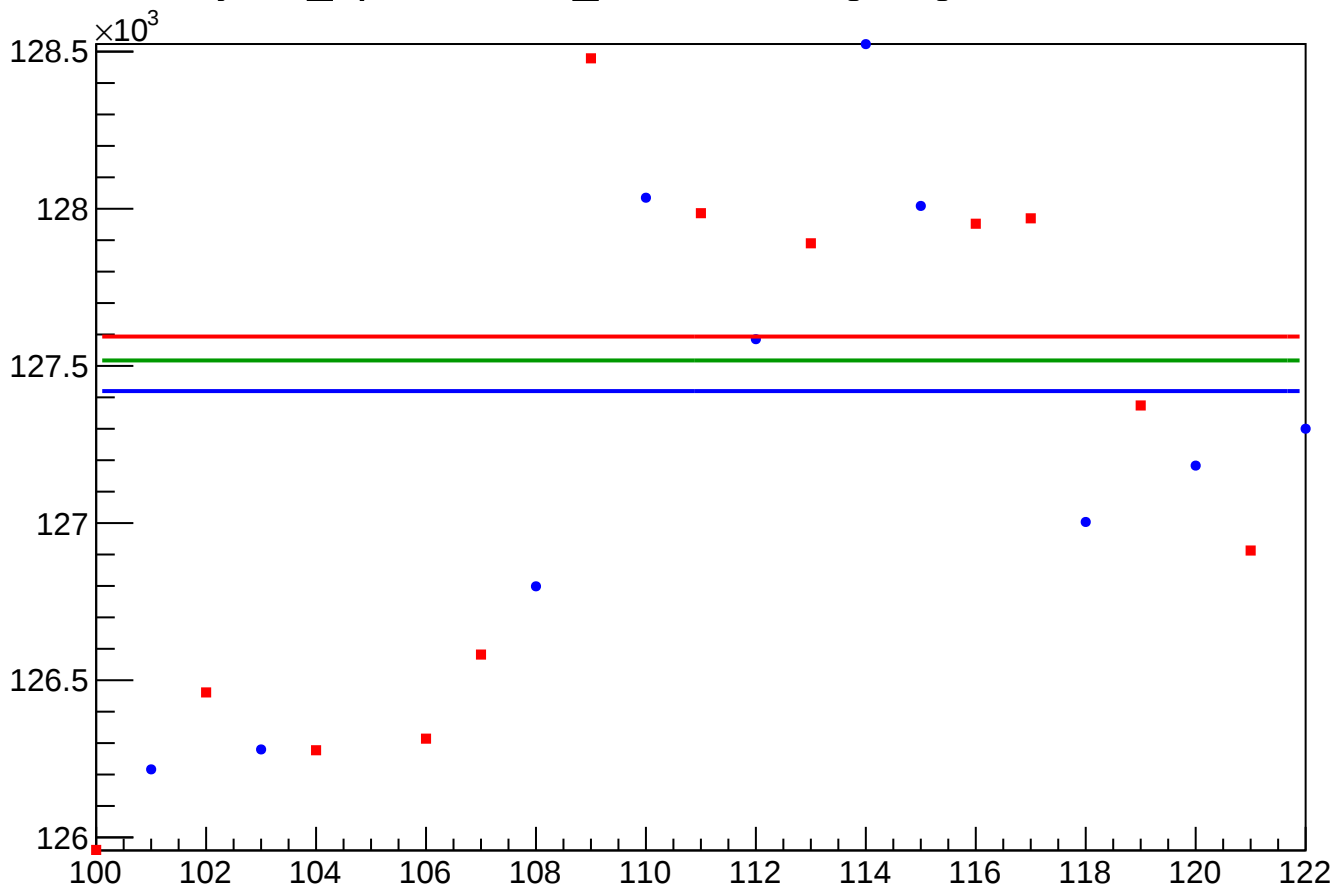
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

114.705 $\pm$ 0.046 χ^2 /NDF: 1237561.0/9

113.306 $\pm$ 0.031 χ^2 /NDF: 2525906.9/21

112.148 $\pm$ 0.042 χ^2 /NDF: 1286646.6/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127419.925 $\pm$ 0.079 χ^2 /NDF: 56146426.1/9

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

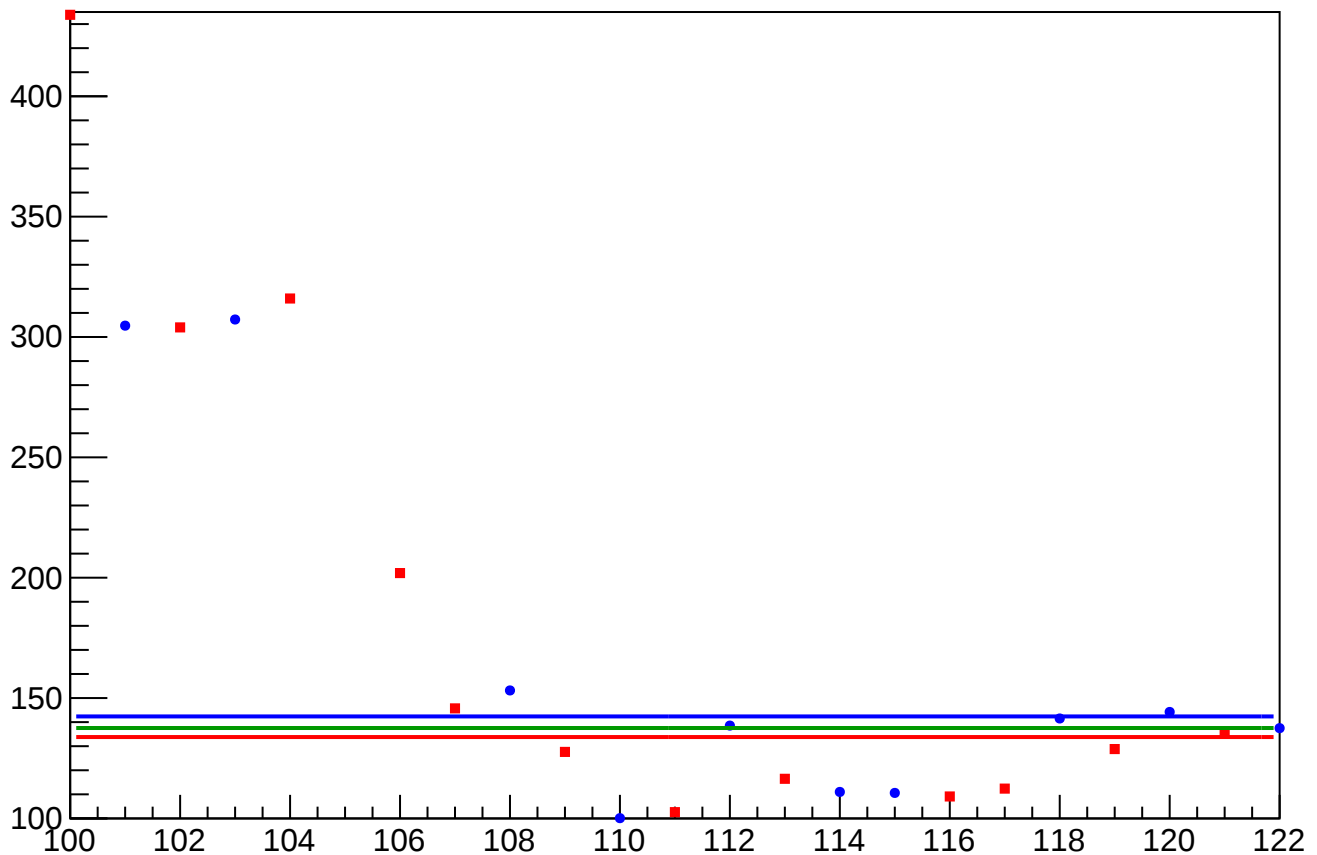
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127419.925 $\pm$ 0.079 χ^2 /NDF: 56146426.1/9

127517.402 $\pm$ 0.052 χ^2 /NDF: 149333613

127593.456 $\pm$ 0.069 χ^2 /NDF: 90442673.9/11

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.366 $\pm$ 0.056 χ^2 /NDF: 821212.2/9

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

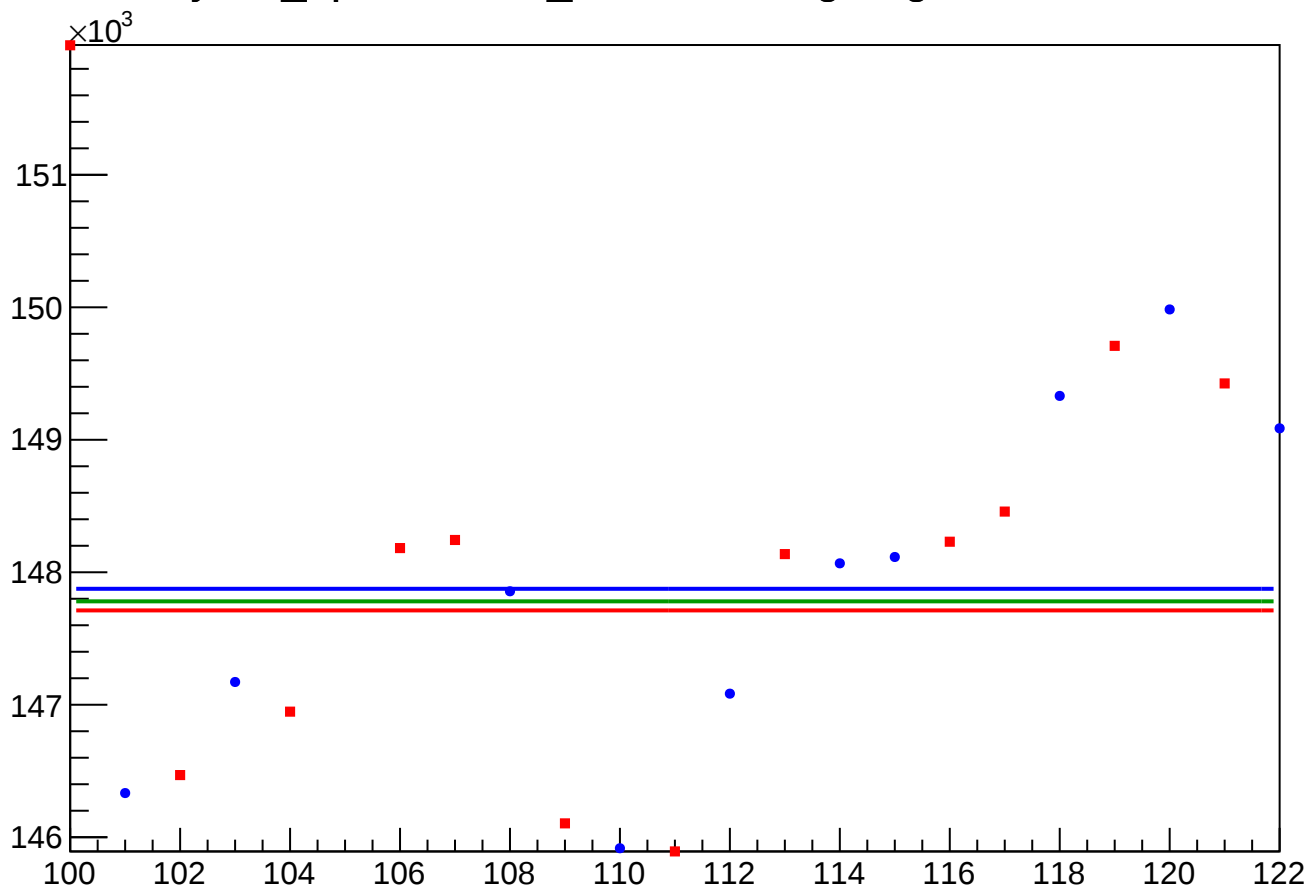
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.366 $\pm$ 0.056 χ^2 /NDF: 821212.2/9

137.554 $\pm$ 0.037 χ^2 /NDF: 1760695.0/21

133.800 $\pm$ 0.049 χ^2 /NDF: 926106.4/11

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147875.226 $\pm$ 0.120 χ^2 /NDF: 97286481.9/9

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

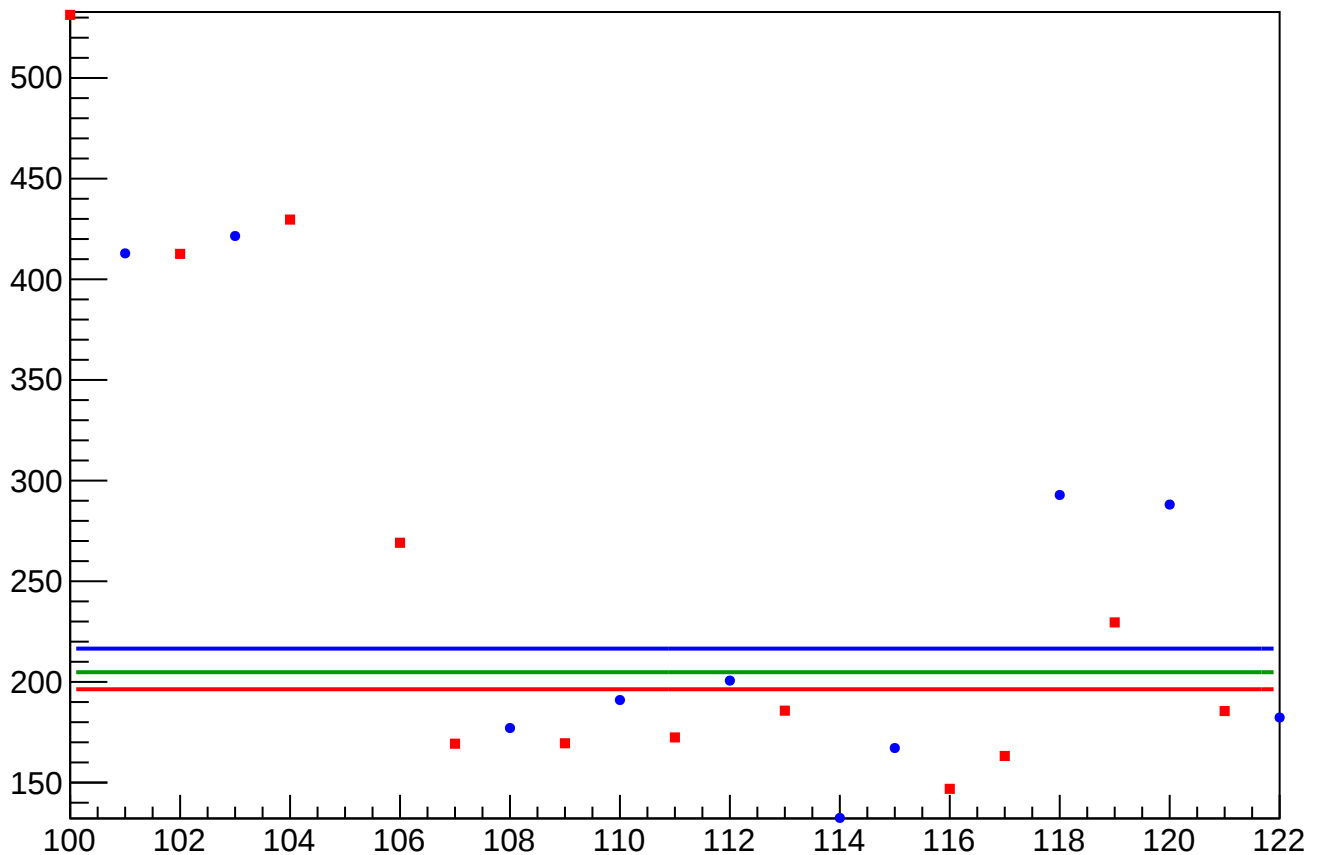
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147875.226 $\pm$ 0.120 χ^2 /NDF: 97286481.9/9

147780.476 $\pm$ 0.078 χ^2 /NDF: 278539884

147712.074 $\pm$ 0.102 χ^2 /NDF: 180178750.3/11

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 216.545+/-0.085 χ^2/NDF : 831805.8/9

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

Right Out: 196.351+/-0.072 χ^2/NDF : 819413.2/11

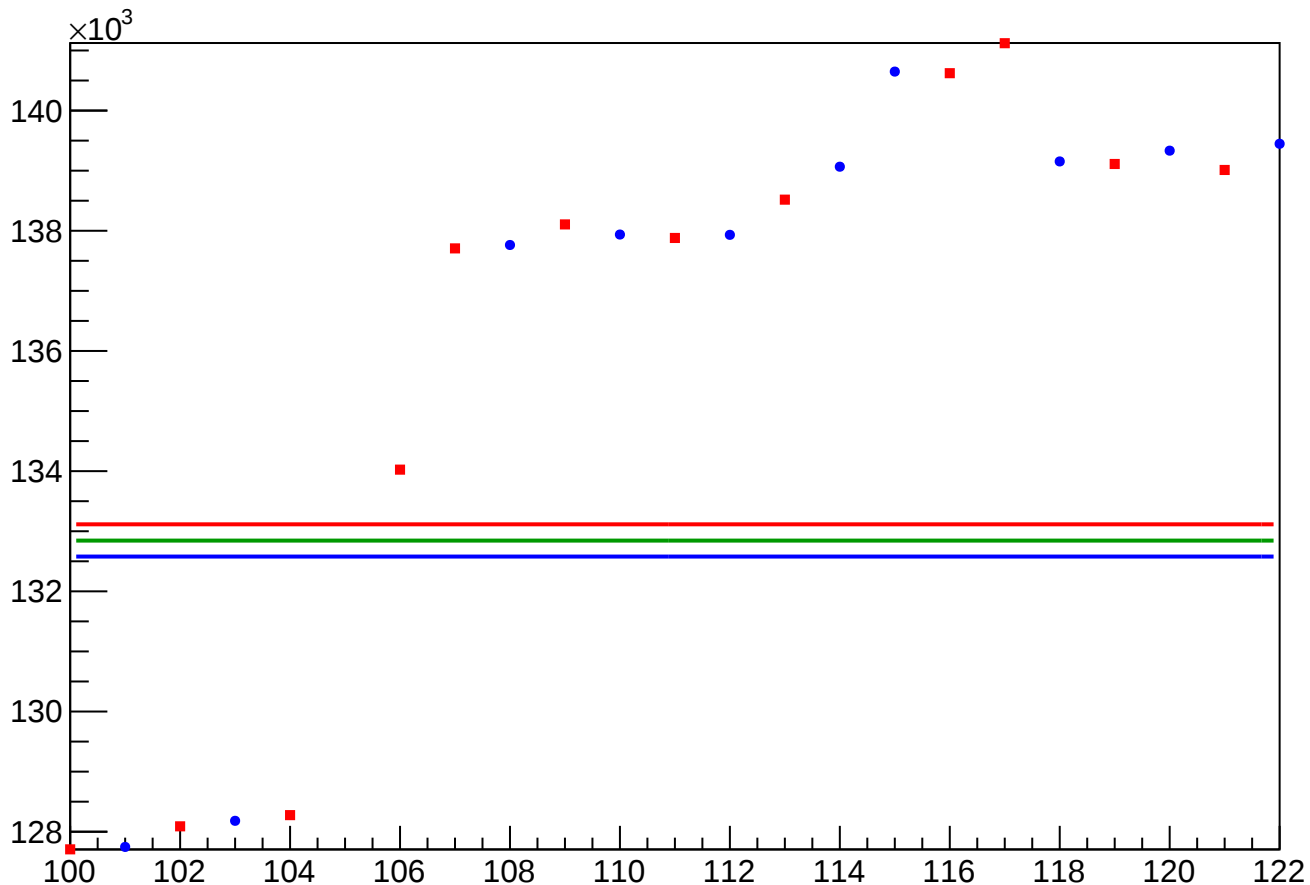
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

216.545+/-0.085 χ^2/NDF : 831805.8/9

204.818+/-0.055 χ^2/NDF : 1684145.6/21

196.351+/-0.072 χ^2/NDF : 819413.2/11

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 132578.899 $\pm$ 0.221 χ^2 /NDF: 576197052.0/9

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

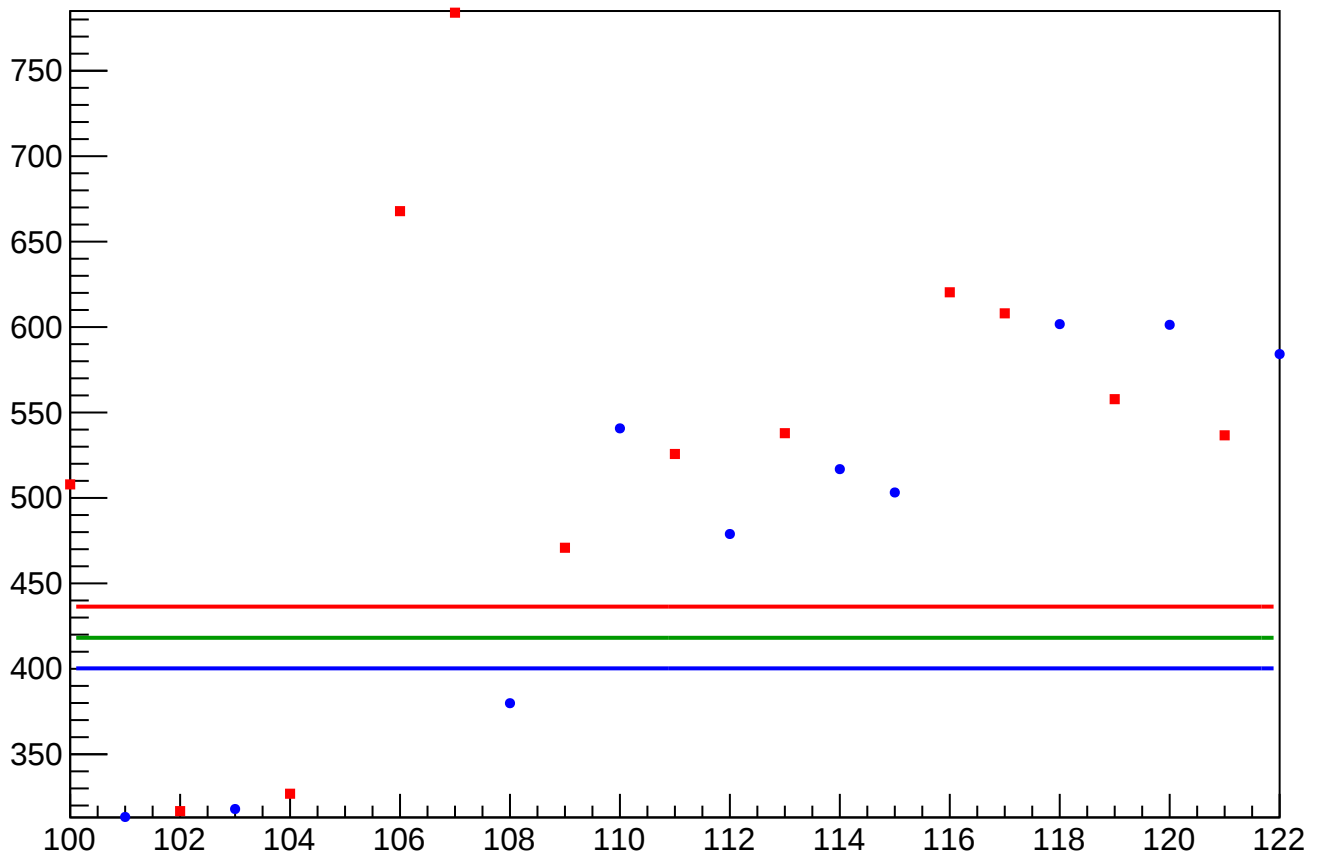
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132578.899 $\pm$ 0.221 χ^2 /NDF: 576197052.0/9

132844.427 $\pm$ 0.157 χ^2 /NDF: 111291318

133115.259 $\pm$ 0.223 χ^2 /NDF: 533804982.5/11

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 400.267+/-0.156 χ^2/NDF : 497962.9/9

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

Right Out: 436.402+/-0.158 χ^2/NDF : 639866.0/11

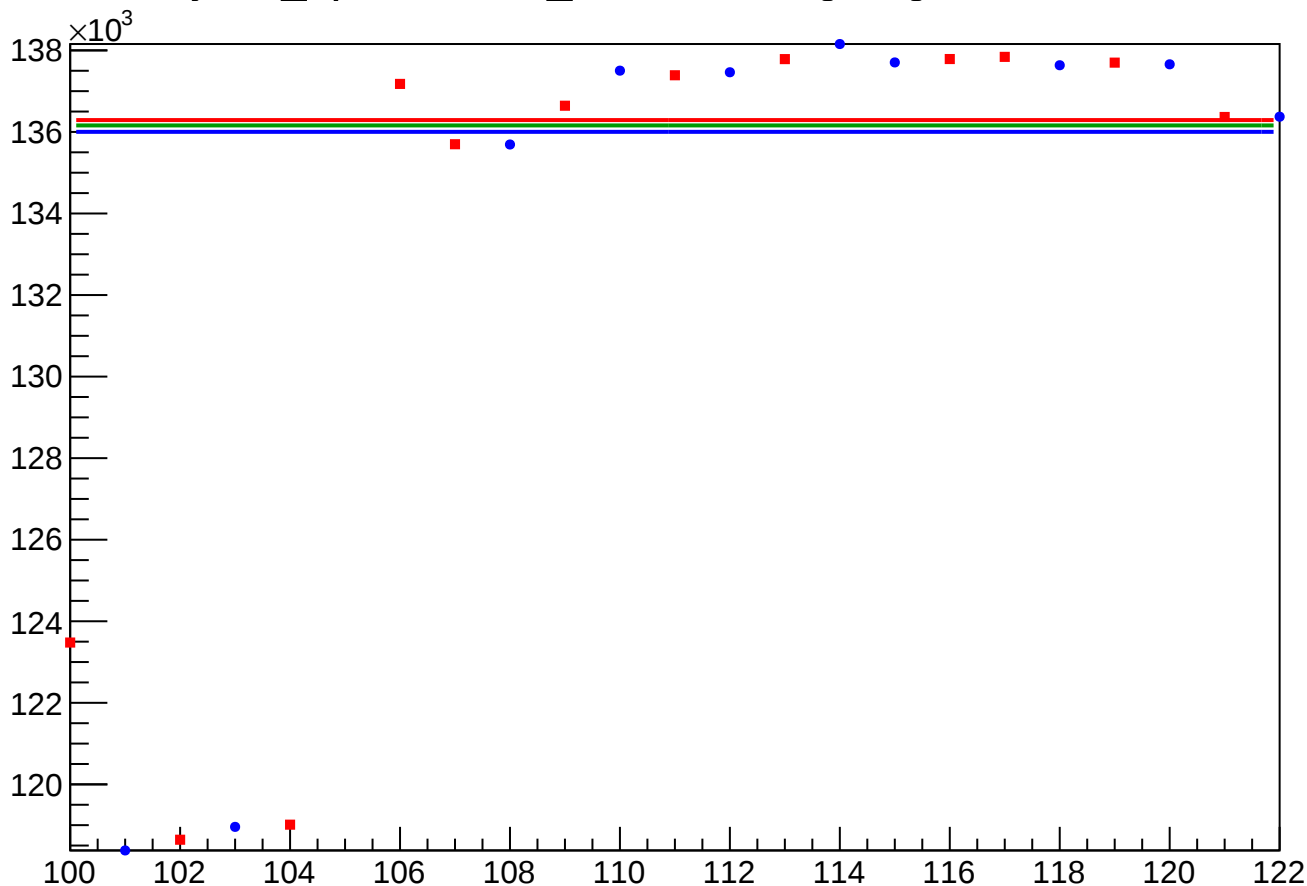
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

400.267+/-0.156 χ^2/NDF : 497962.9/9

418.156+/-0.111 χ^2/NDF : 1164255.1/21

436.402+/-0.158 χ^2/NDF : 639866.0/11

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136002.329 $\pm$ 0.082 χ^2 /NDF: 3402217302.2/9

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

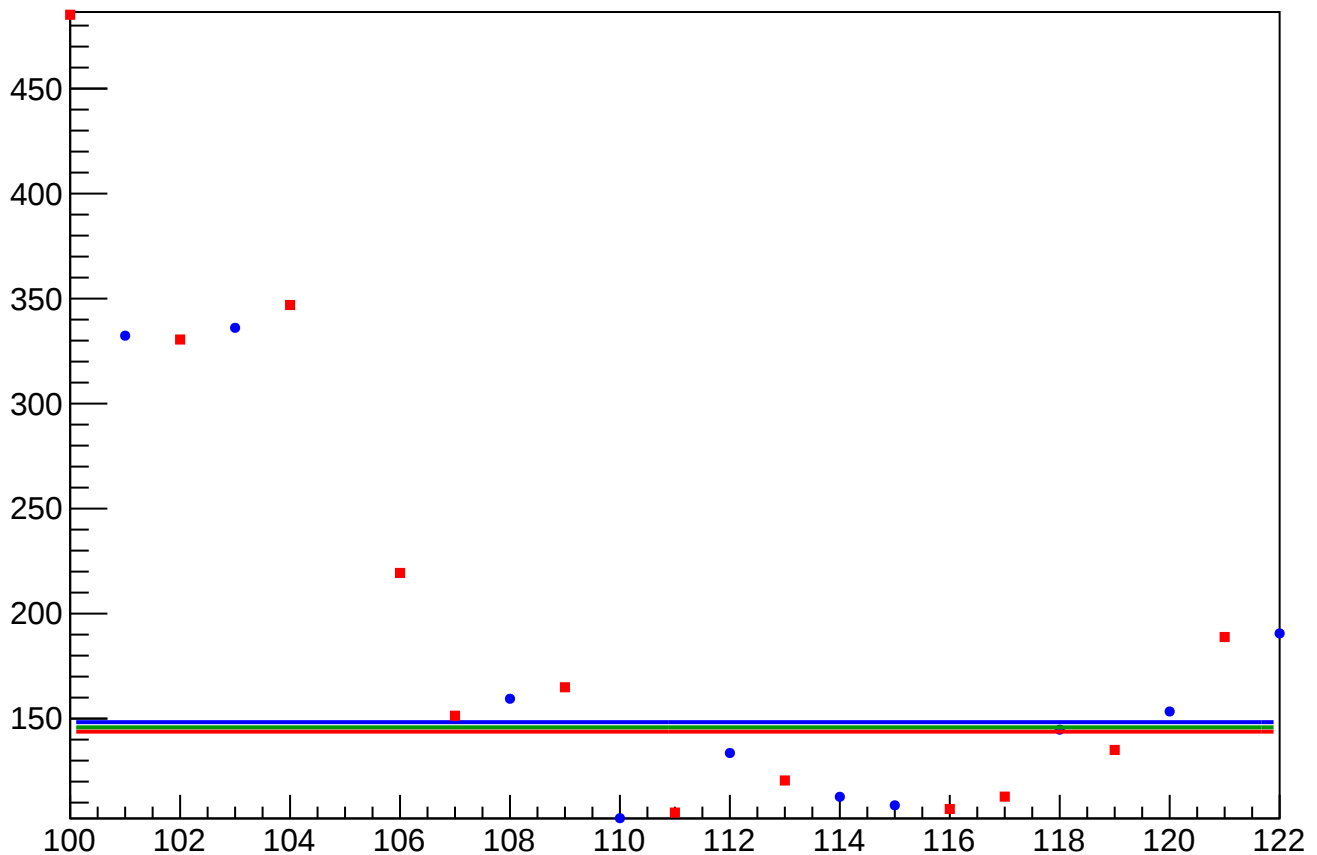
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

136002.329 $\pm$ 0.082 χ^2 /NDF: 3402217302.2/9

136159.630 $\pm$ 0.056 χ^2 /NDF: 646562762

136290.709 $\pm$ 0.075 χ^2 /NDF: 3056732353.6/11

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 148.311+/-0.058 χ^2/NDF : 953825.0/9

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

Right Out: 143.799+/-0.053 χ^2/NDF : 1088777.0/11

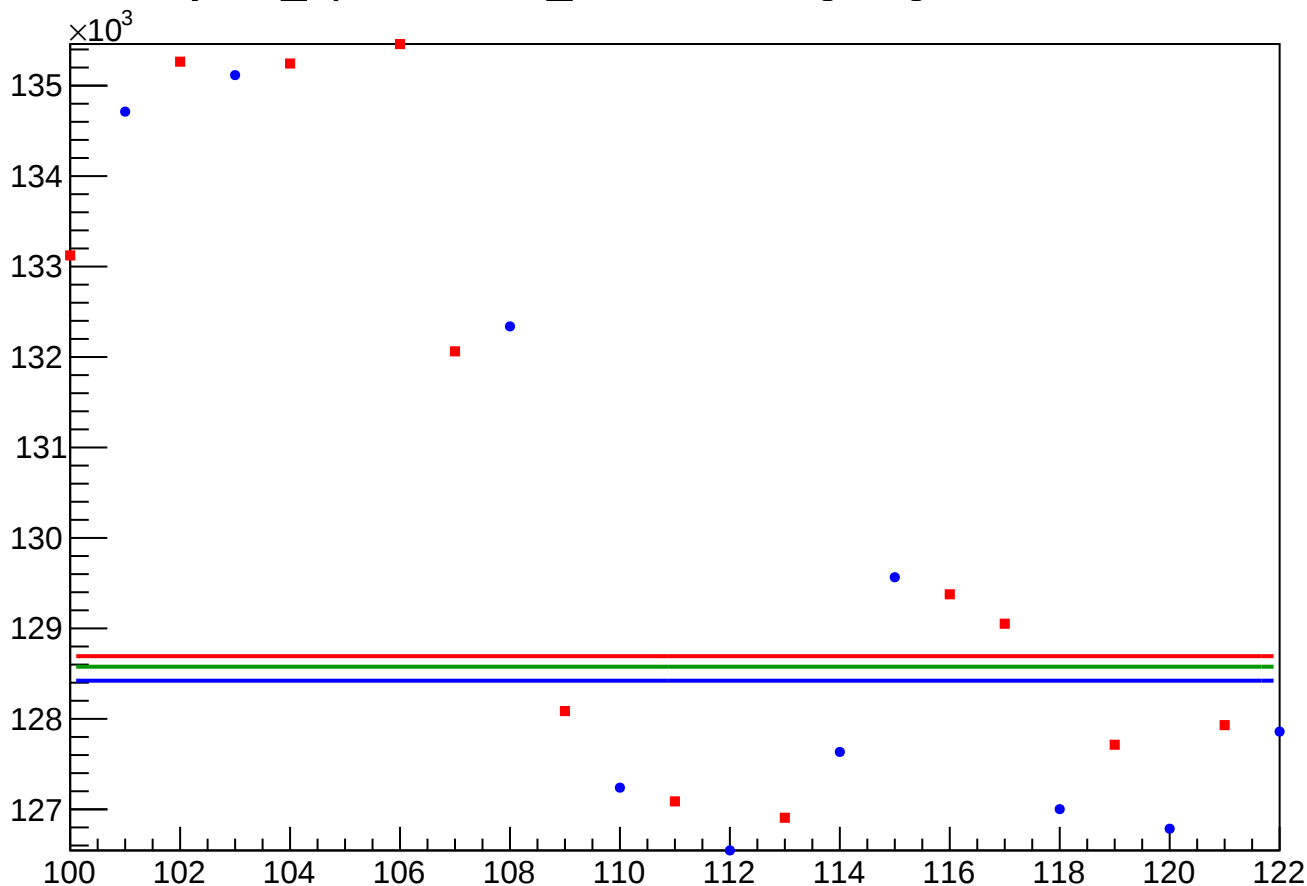
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.311+/-0.058 χ^2/NDF : 953825.0/9

145.850+/-0.039 χ^2/NDF : 2045871.9/21

143.799+/-0.053 χ^2/NDF : 1088777.0/11

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 128422.077 $\pm$ 0.092 χ^2 /NDF: 731954839.2/9

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

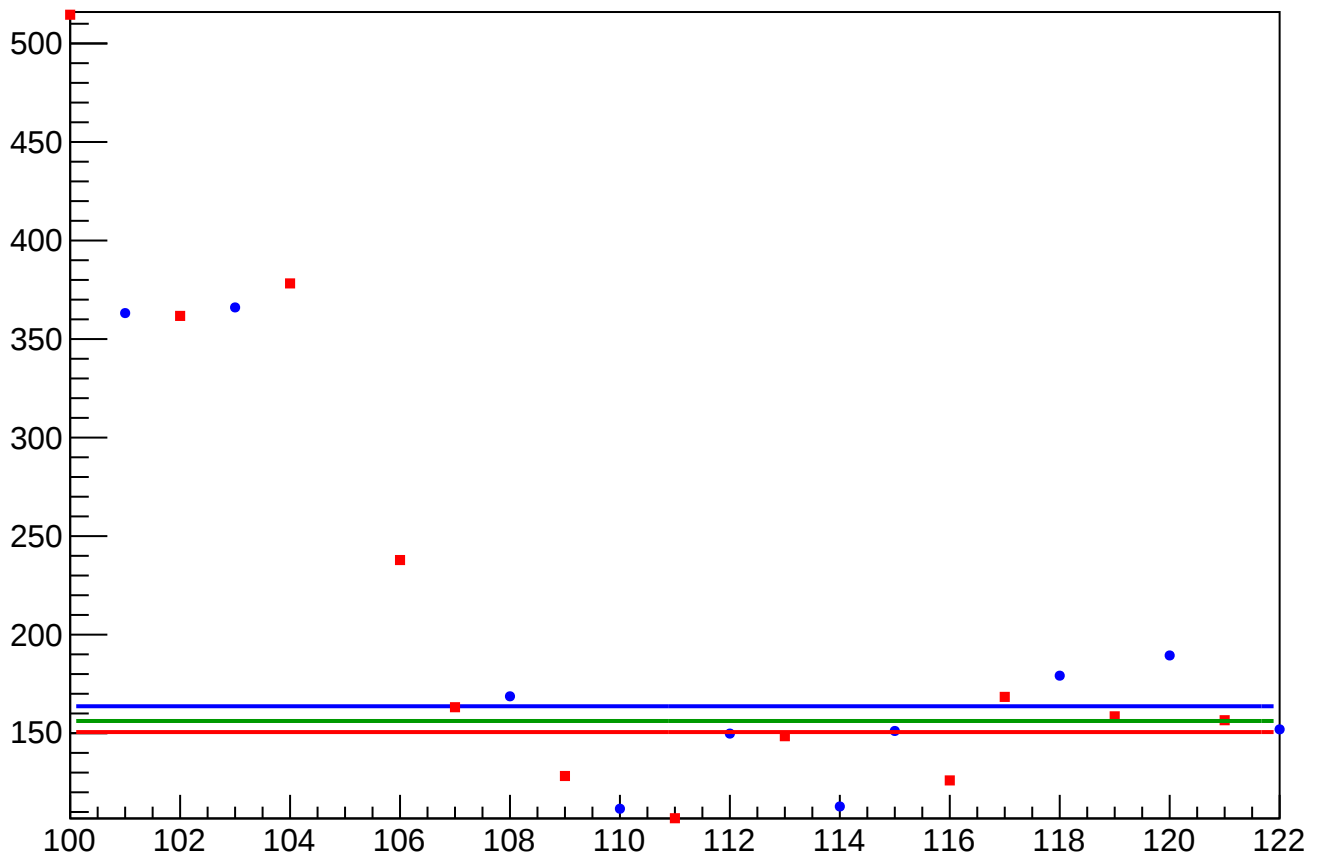
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128422.077 $\pm$ 0.092 χ^2 /NDF: 731954839.2/9

128576.600 $\pm$ 0.061 χ^2 /NDF: 161528209.0/9

128692.866 $\pm$ 0.080 χ^2 /NDF: 878420435.7/11

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 163.665 $\pm$ 0.065 χ^2 /NDF: 913019.9/9

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

Right Out: 150.563 $\pm$ 0.057 χ^2 /NDF: 1057494.5/11

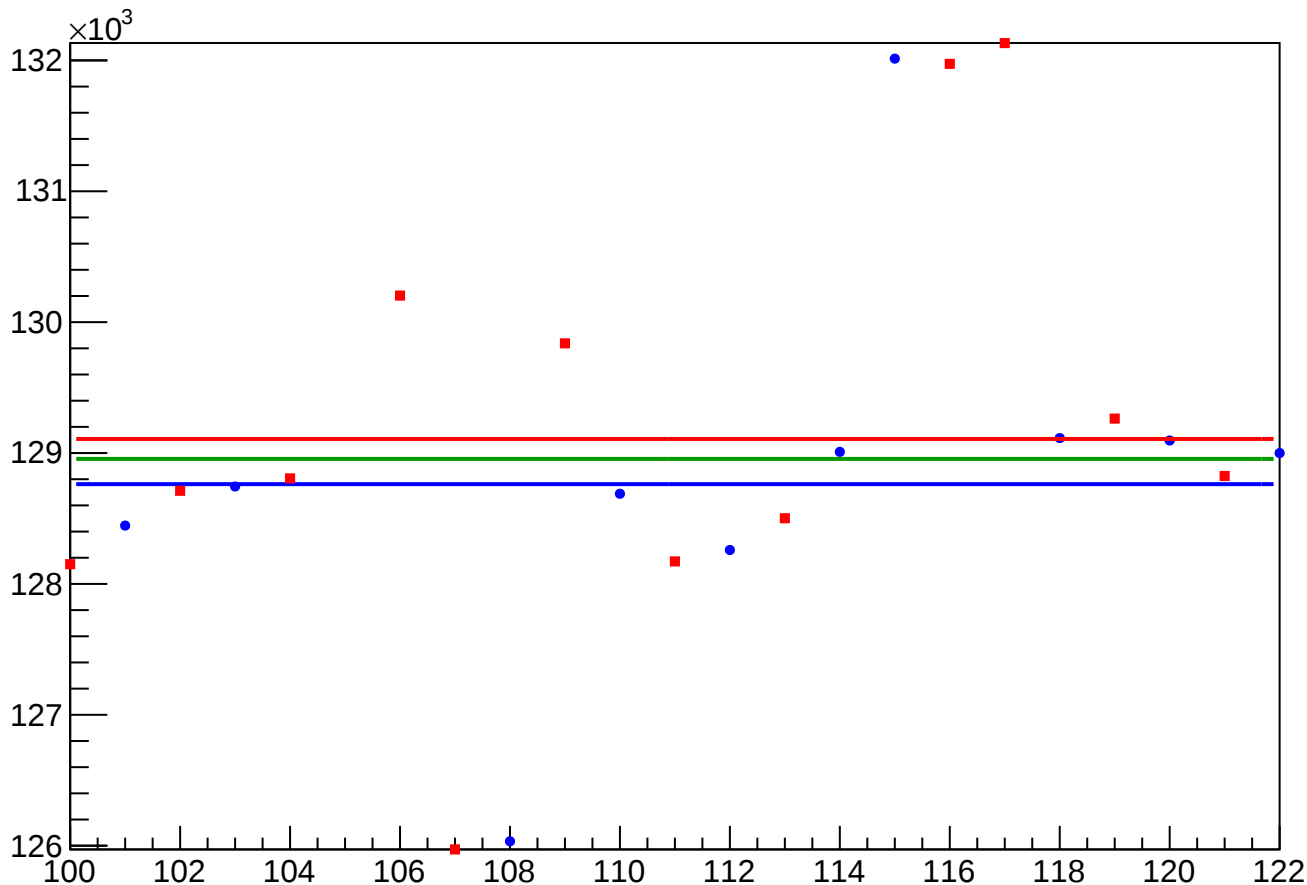
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

163.665 $\pm$ 0.065 χ^2 /NDF: 913019.9/9

156.188 $\pm$ 0.043 χ^2 /NDF: 1993487.9/21

150.563 $\pm$ 0.057 χ^2 /NDF: 1057494.5/11

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128762.427 $\pm$ 0.078 χ^2 /NDF: 278134297.8/9

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

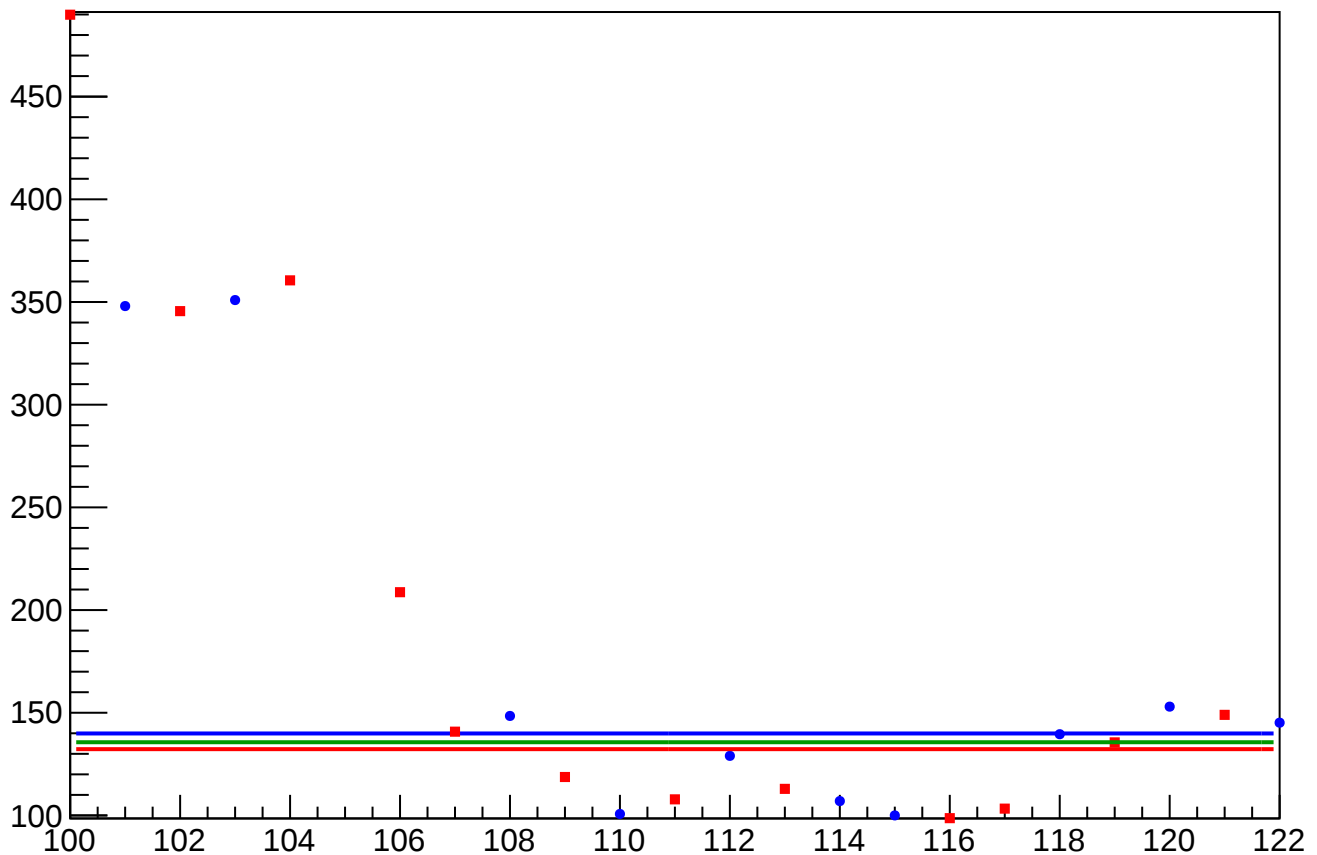
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128762.427 $\pm$ 0.078 χ^2 /NDF: 278134297.8/9

128955.318 $\pm$ 0.052 χ^2 /NDF: 776285822

129107.707 $\pm$ 0.069 χ^2 /NDF: 487204528.9/11

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 139.912 $\pm$ 0.055 χ^2/NDF : 1006078.1/9

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

Right Out: 132.274 $\pm$ 0.049 χ^2/NDF : 1108881.9/11

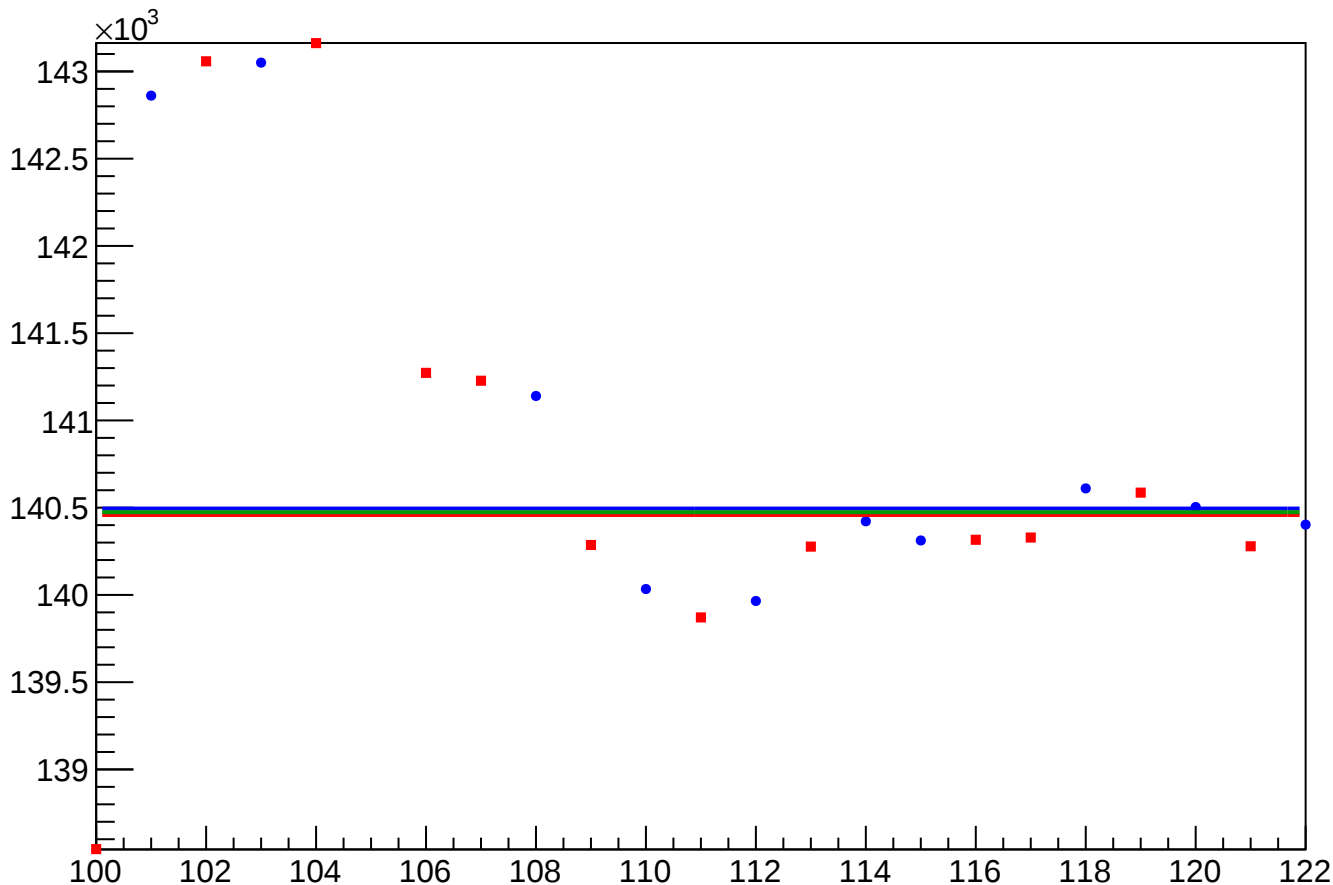
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

139.912 $\pm$ 0.055 χ^2/NDF : 1006078.1/9

135.645 $\pm$ 0.037 χ^2/NDF : 2125674.7/21

132.274 $\pm$ 0.049 χ^2/NDF : 1108881.9/11

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140494.862 $\pm$ 0.083 χ^2 /NDF: 62823938.5/9

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

140494.862 $\pm$ 0.083 χ^2 /NDF: 62823938.5/9

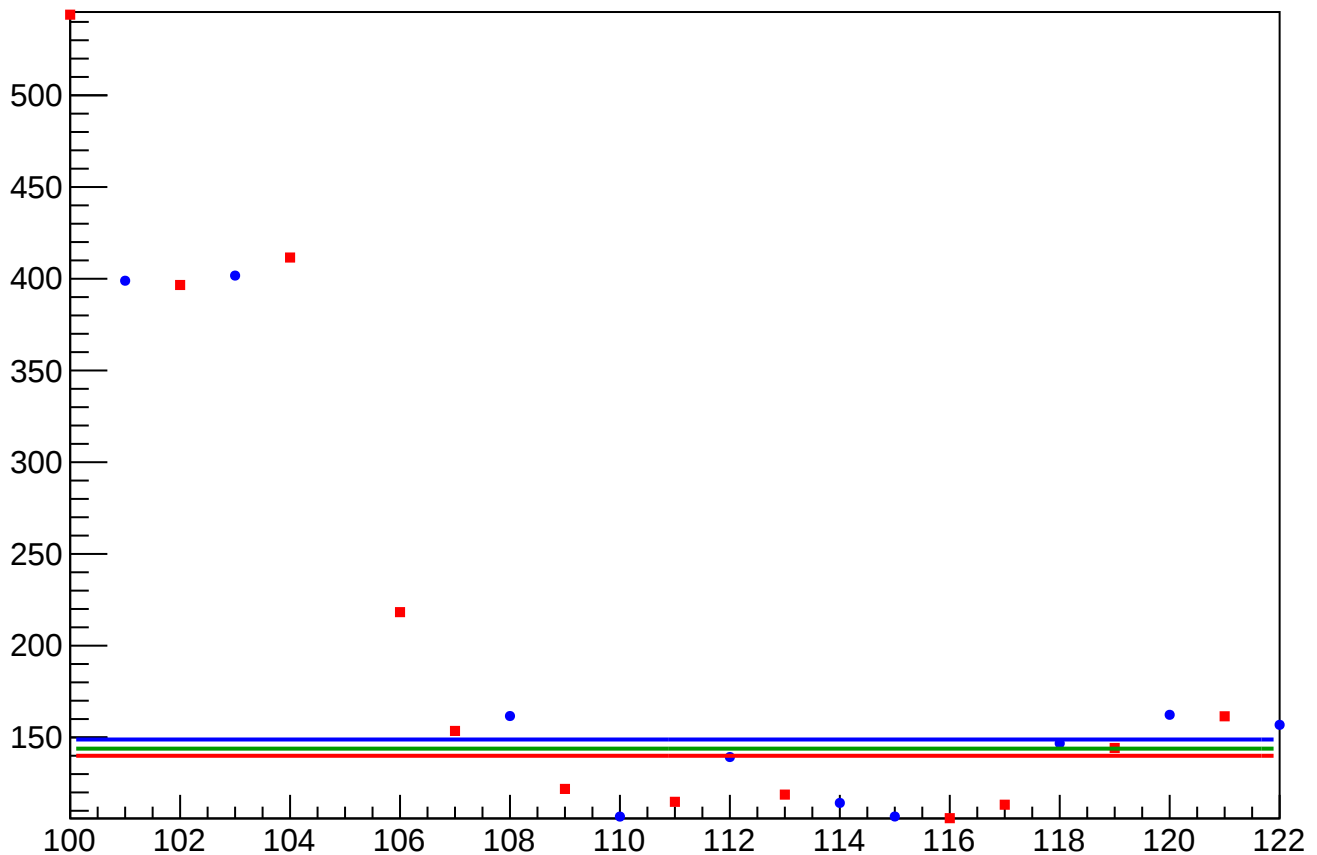
140474.229 $\pm$ 0.055 χ^2 /NDF: 135292917

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: 148.855+/-0.059 χ^2/NDF : 1091333.5/9

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

Right Out: 139.981+/-0.052 χ^2/NDF : 1194099.9/11

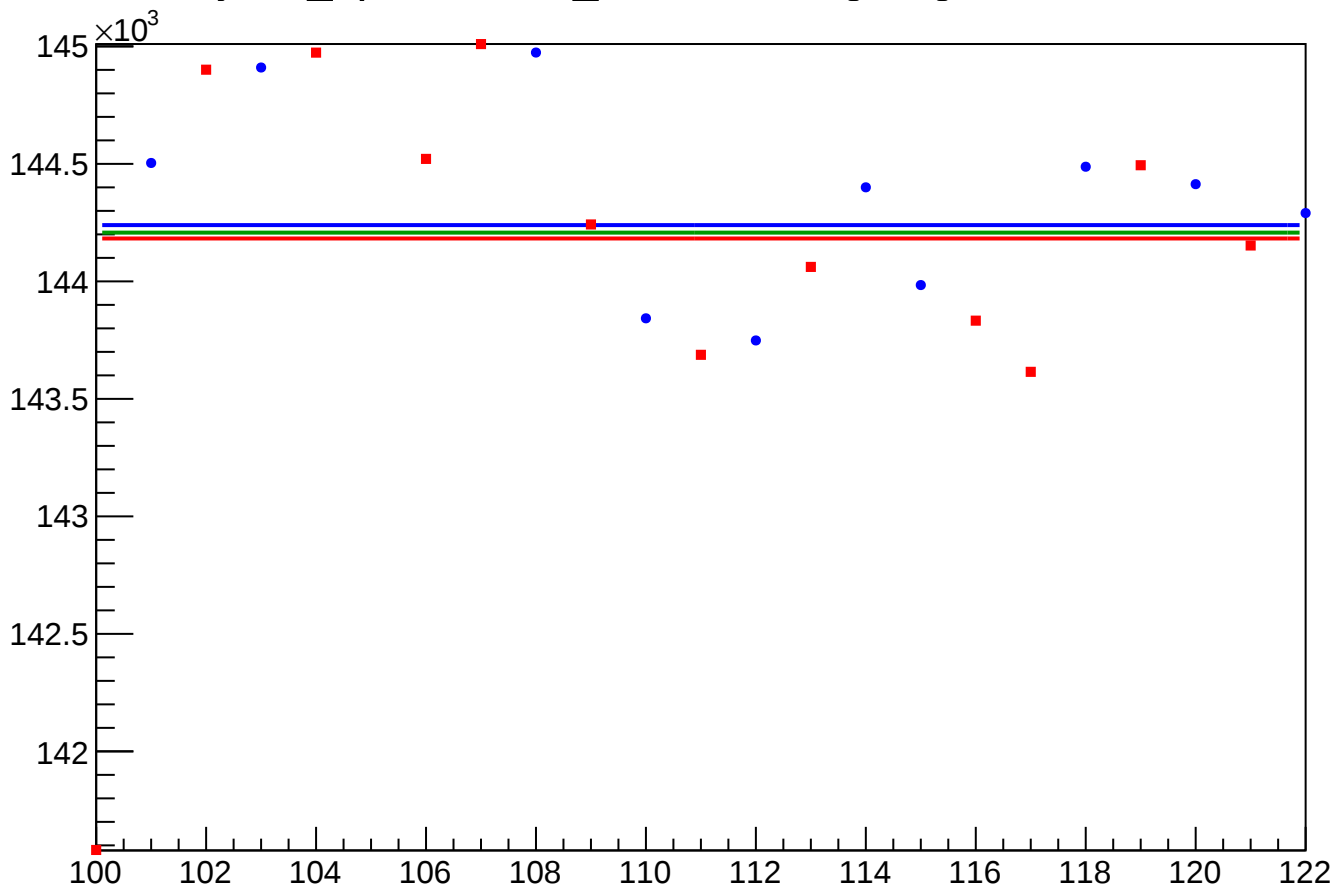
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.855+/-0.059 χ^2/NDF : 1091333.5/9

143.871+/-0.039 χ^2/NDF : 2298172.1/21

139.981+/-0.052 χ^2/NDF : 1194099.9/11

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144239.485 $\pm$ 0.087 χ^2 /NDF: 20864468.4/9

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

Right Out: 144182.530 $\pm$ 0.077 χ^2 /NDF: 29014899.7/11

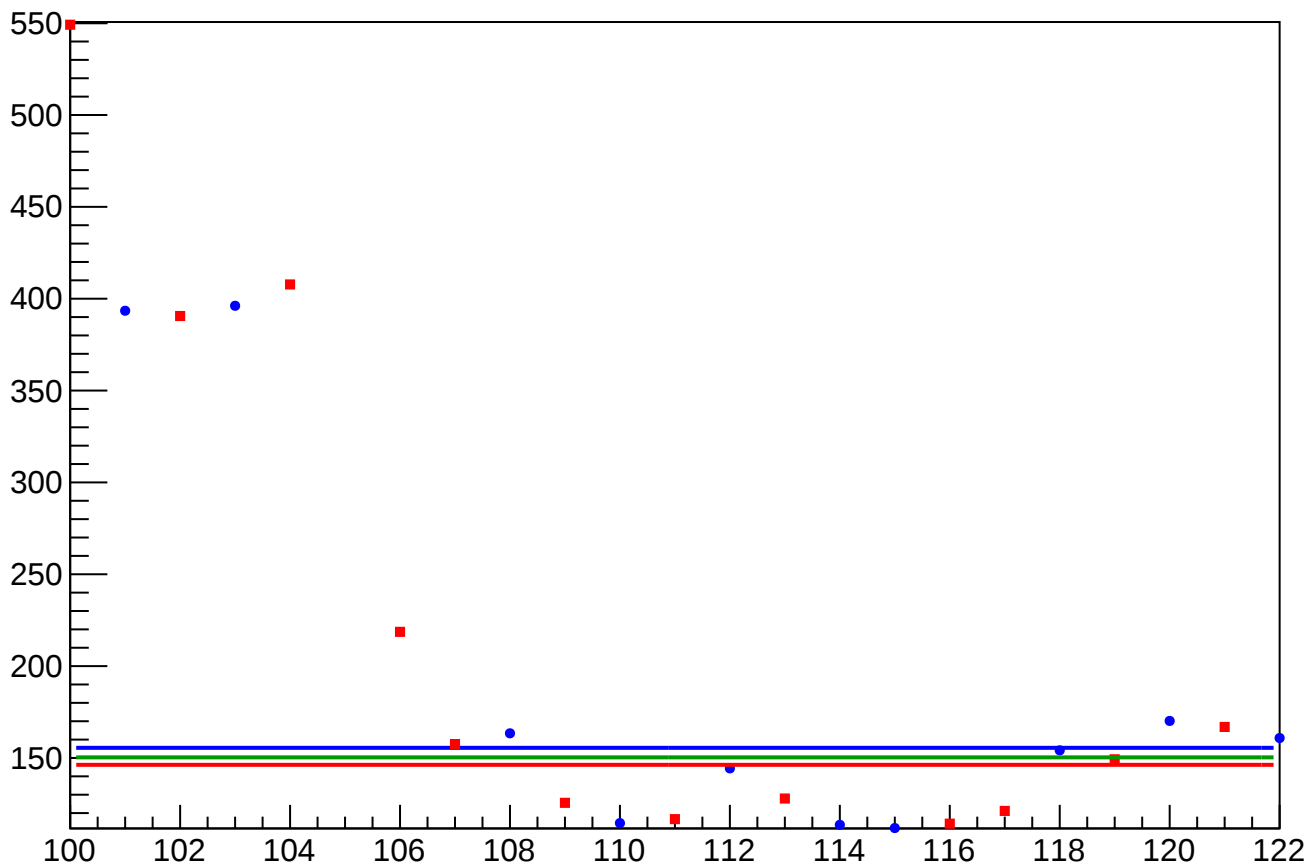
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144239.485 $\pm$ 0.087 χ^2 /NDF: 20864468.4/9

144207.484 $\pm$ 0.057 χ^2 /NDF: 50122172.7/9

144182.530 $\pm$ 0.077 χ^2 /NDF: 29014899.7/11

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 155.526 $\pm$ 0.061 χ^2 /NDF: 1016254.7/9

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

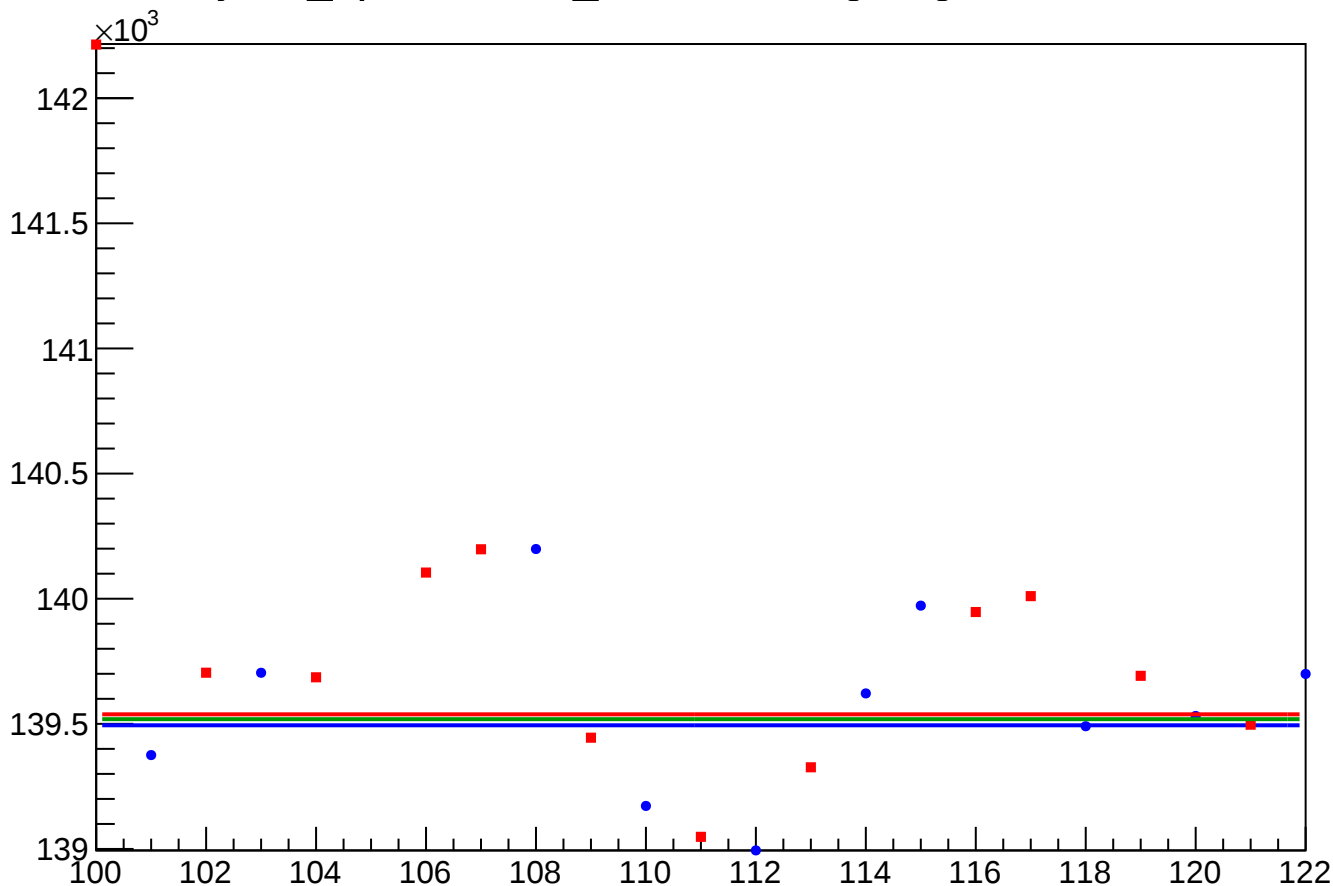
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155.526 $\pm$ 0.061 χ^2 /NDF: 1016254.7/9

150.327 $\pm$ 0.041 χ^2 /NDF: 2149938.9/21

146.273 $\pm$ 0.054 χ^2 /NDF: 1120868.6/11

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139494.214 $\pm$ 0.088 χ^2 /NDF: 17337076.1/9

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

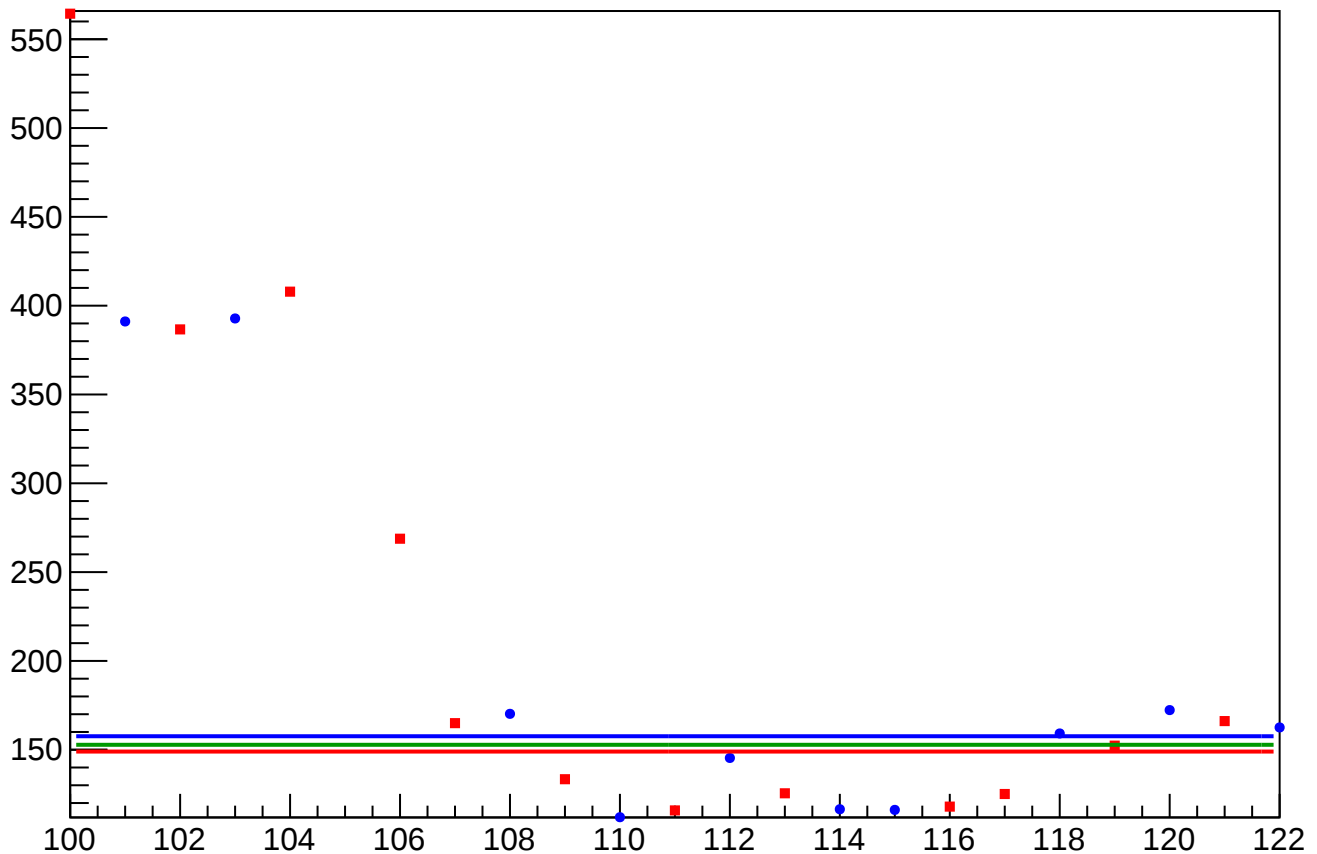
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139494.214 $\pm$ 0.088 χ^2 /NDF: 17337076.1/9

139518.690 $\pm$ 0.058 χ^2 /NDF: 38960621.8/9

139538.031 $\pm$ 0.078 χ^2 /NDF: 21484811.0/11

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 157.603 $\pm$ 0.062 χ^2 /NDF: 1010249.5/9

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

Right Out: 148.977 $\pm$ 0.055 χ^2 /NDF: 1153738.0/11

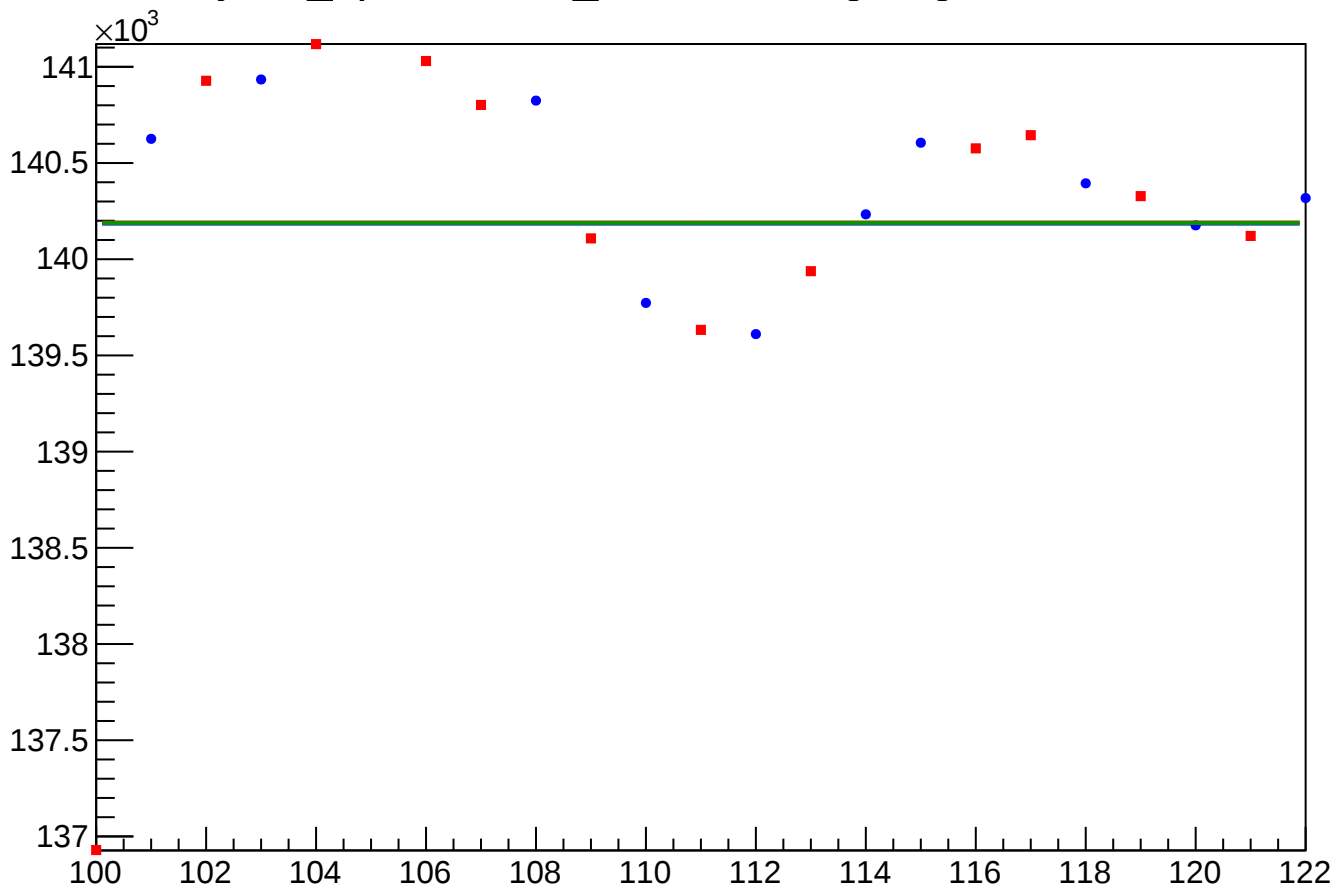
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

157.603 $\pm$ 0.062 χ^2 /NDF: 1010249.5/9

152.784 $\pm$ 0.041 χ^2 /NDF: 2174741.4/21

148.977 $\pm$ 0.055 χ^2 /NDF: 1153738.0/11

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140185.284 $\pm$ 0.088 χ^2 /NDF: 22048856.9/9

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

140185.284 $\pm$ 0.088 χ^2 /NDF: 22048856.9/9

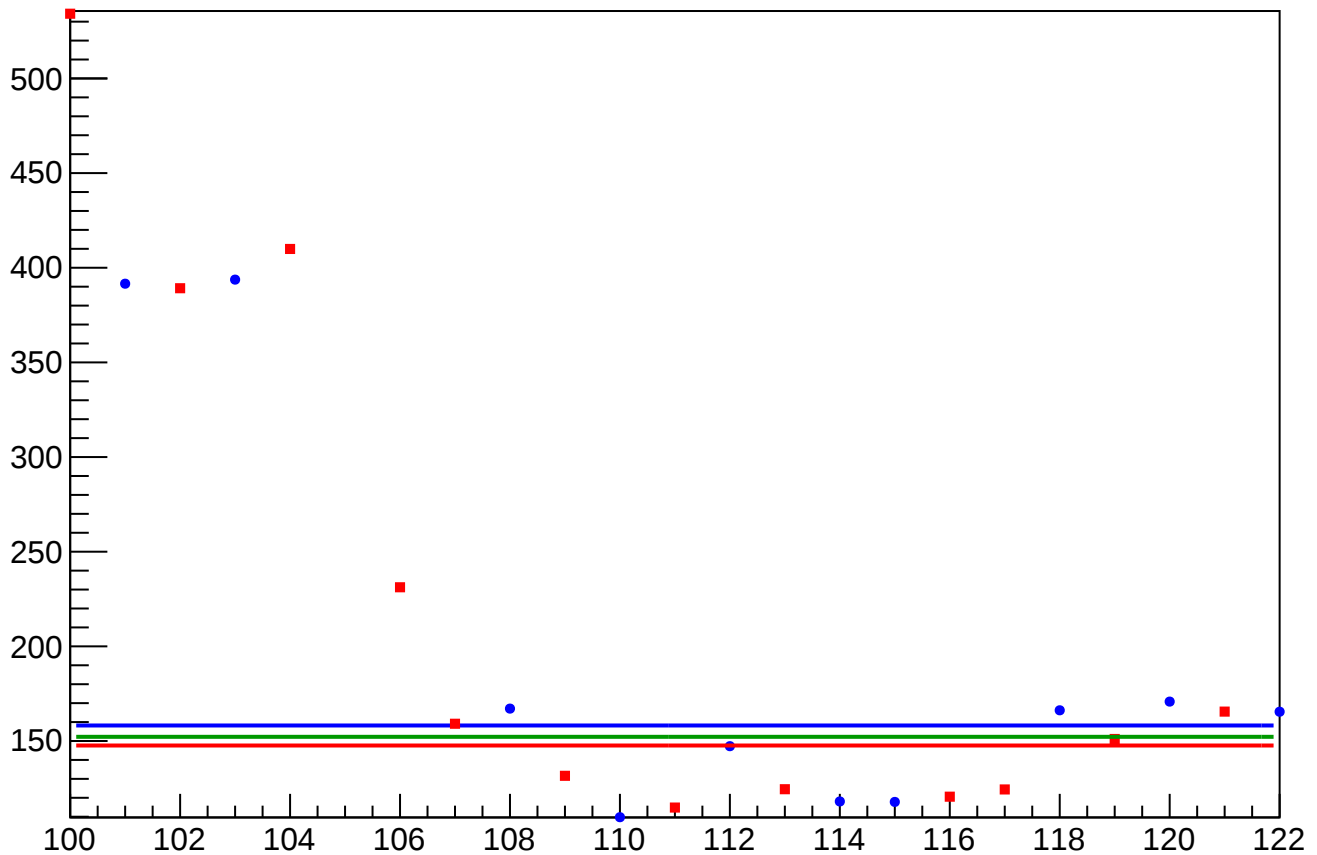
140188.357 $\pm$ 0.058 χ^2 /NDF: 53112805.9/11

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: 158.197 $\pm$ 0.062 χ^2 /NDF: 1022153.3/9

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

Right Out: 147.620 $\pm$ 0.055 χ^2 /NDF: 1115501.1/11

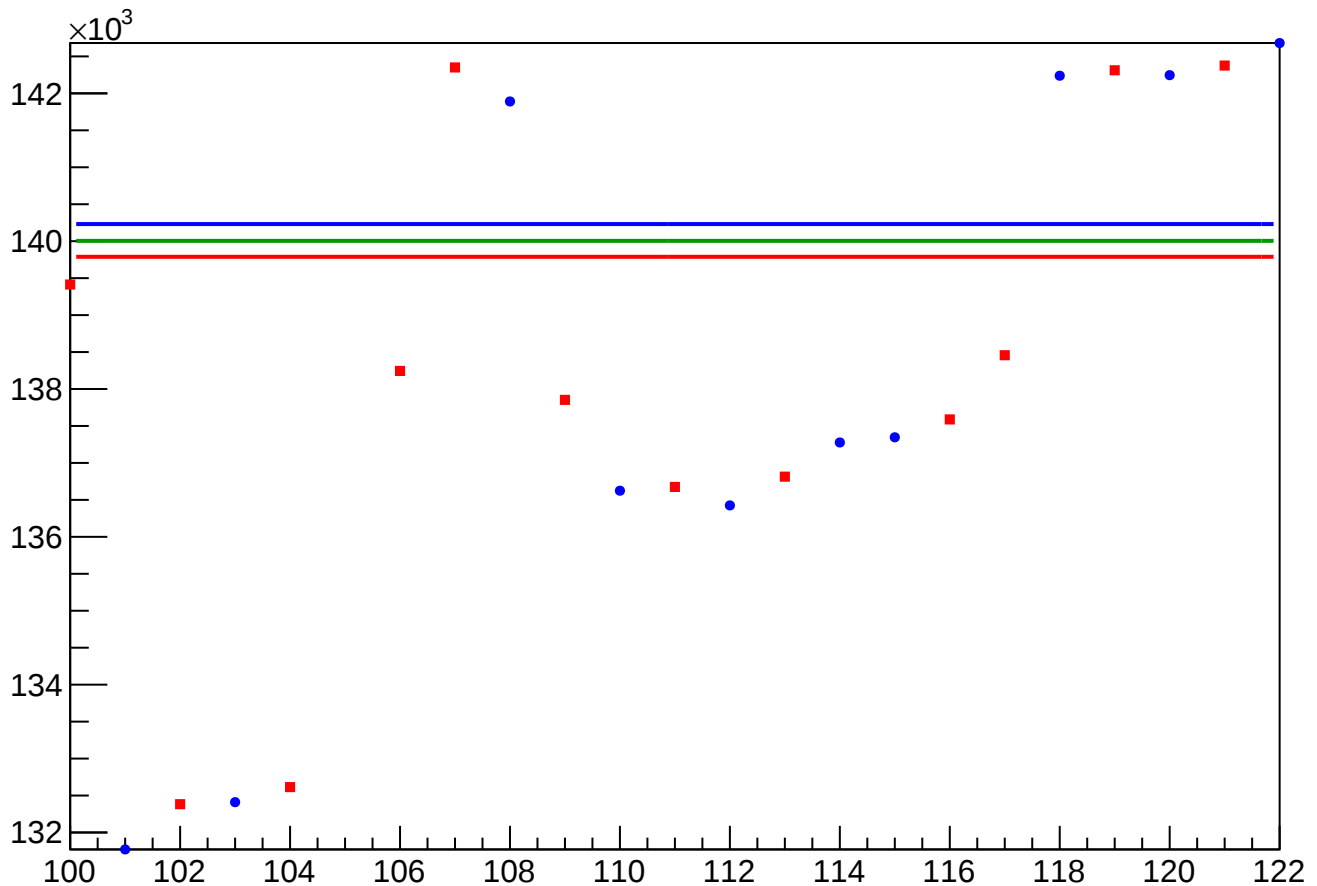
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

158.197 $\pm$ 0.062 χ^2 /NDF: 1022153.3/9

152.211 $\pm$ 0.041 χ^2 /NDF: 2153888.5/21

147.620 $\pm$ 0.055 χ^2 /NDF: 1115501.1/11

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140231.721 $\pm$ 0.135 χ^2 /NDF: 644266152.2/9

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

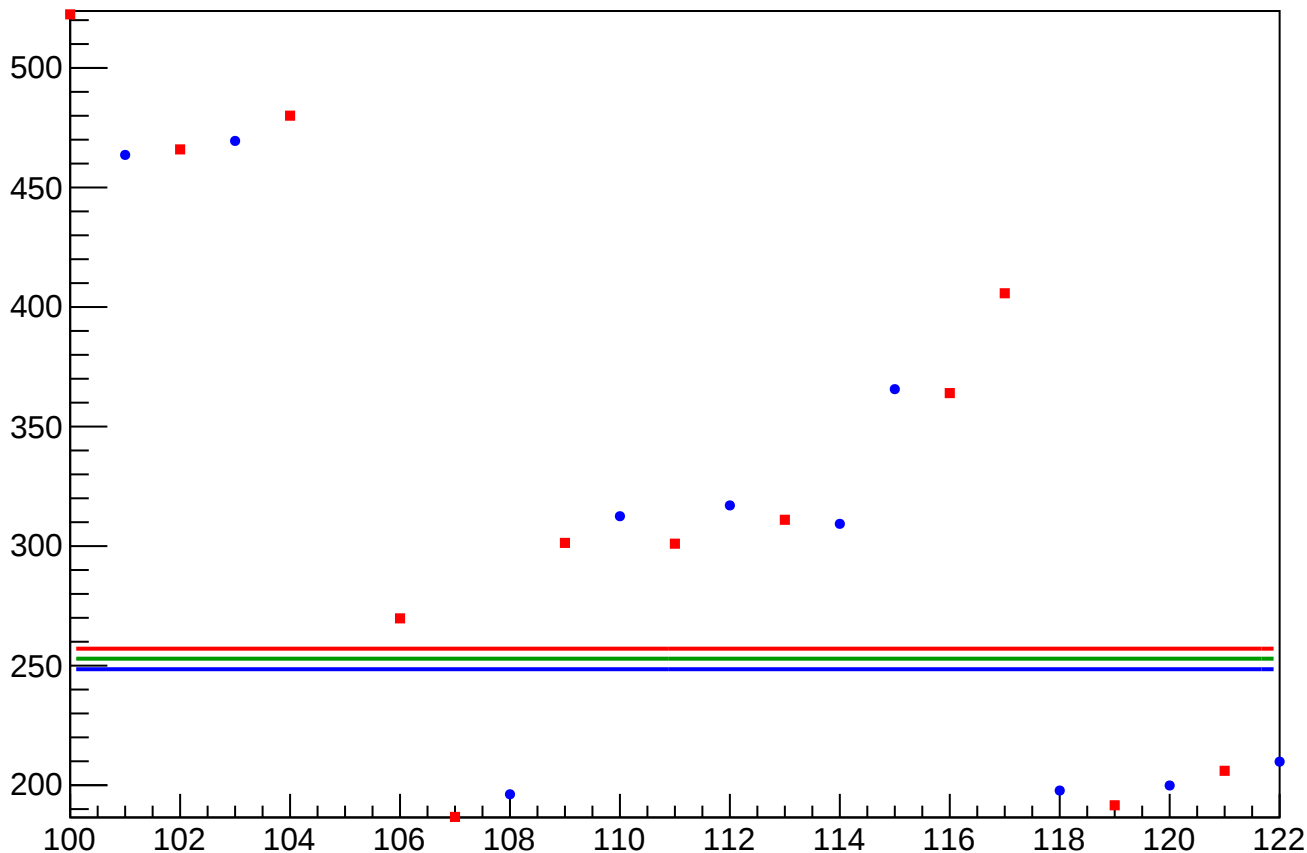
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140231.721 $\pm$ 0.135 χ^2 /NDF: 644266152.2/9

140004.565 $\pm$ 0.094 χ^2 /NDF: 122891667

139788.921 $\pm$ 0.132 χ^2 /NDF: 579157497.6/11

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 248.504+/-0.096 χ^2/NDF : 791382.6/9

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

Right Out: 257.097+/-0.093 χ^2/NDF : 841874.8/11

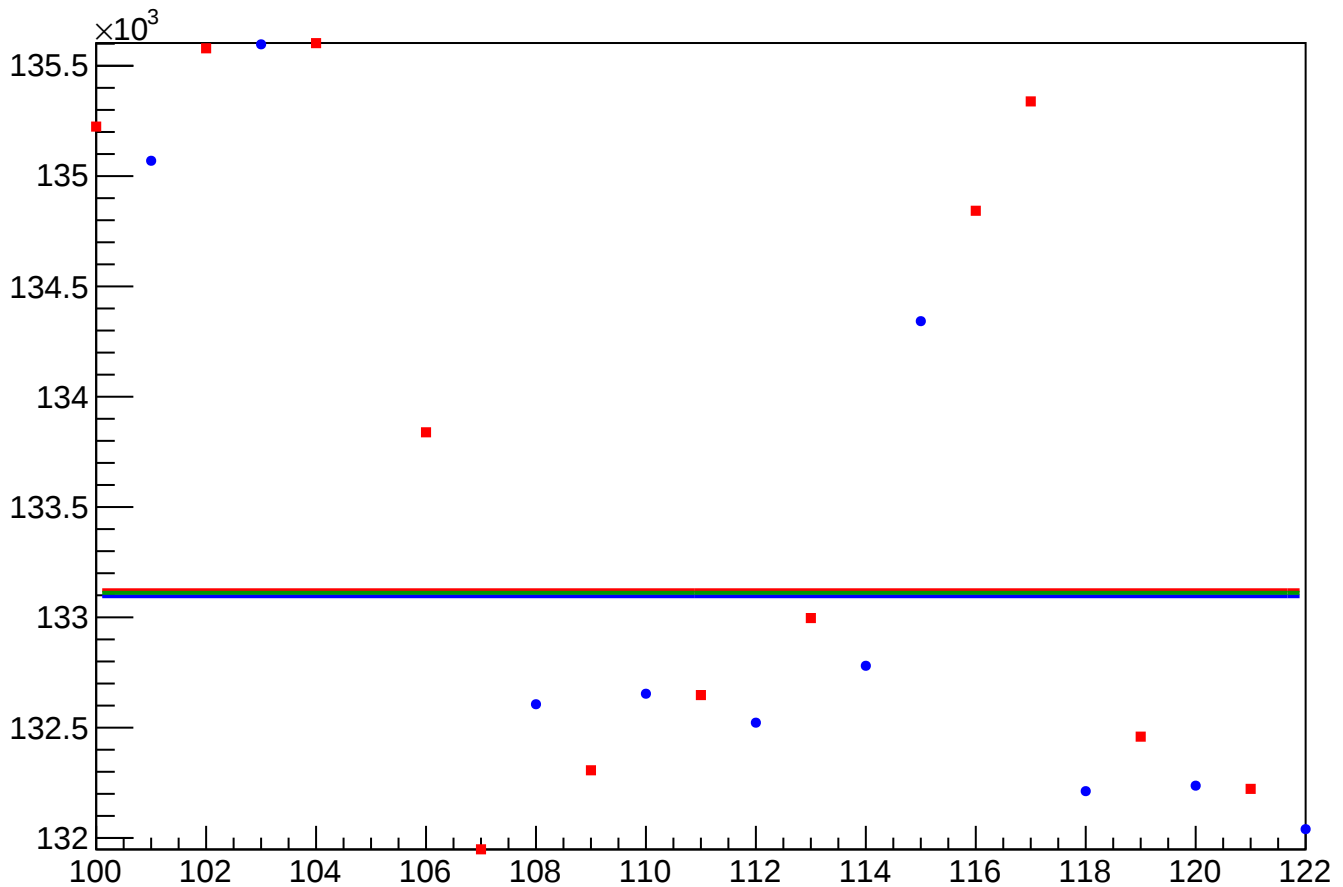
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

248.504+/-0.096 χ^2/NDF : 791382.6/9

252.912+/-0.067 χ^2/NDF : 1637394.5/21

257.097+/-0.093 χ^2/NDF : 841874.8/11

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133095.792 $\pm$ 0.142 χ^2 /NDF: 61993071.3/9

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

133095.792 $\pm$ 0.142 χ^2 /NDF: 61993071.3/9

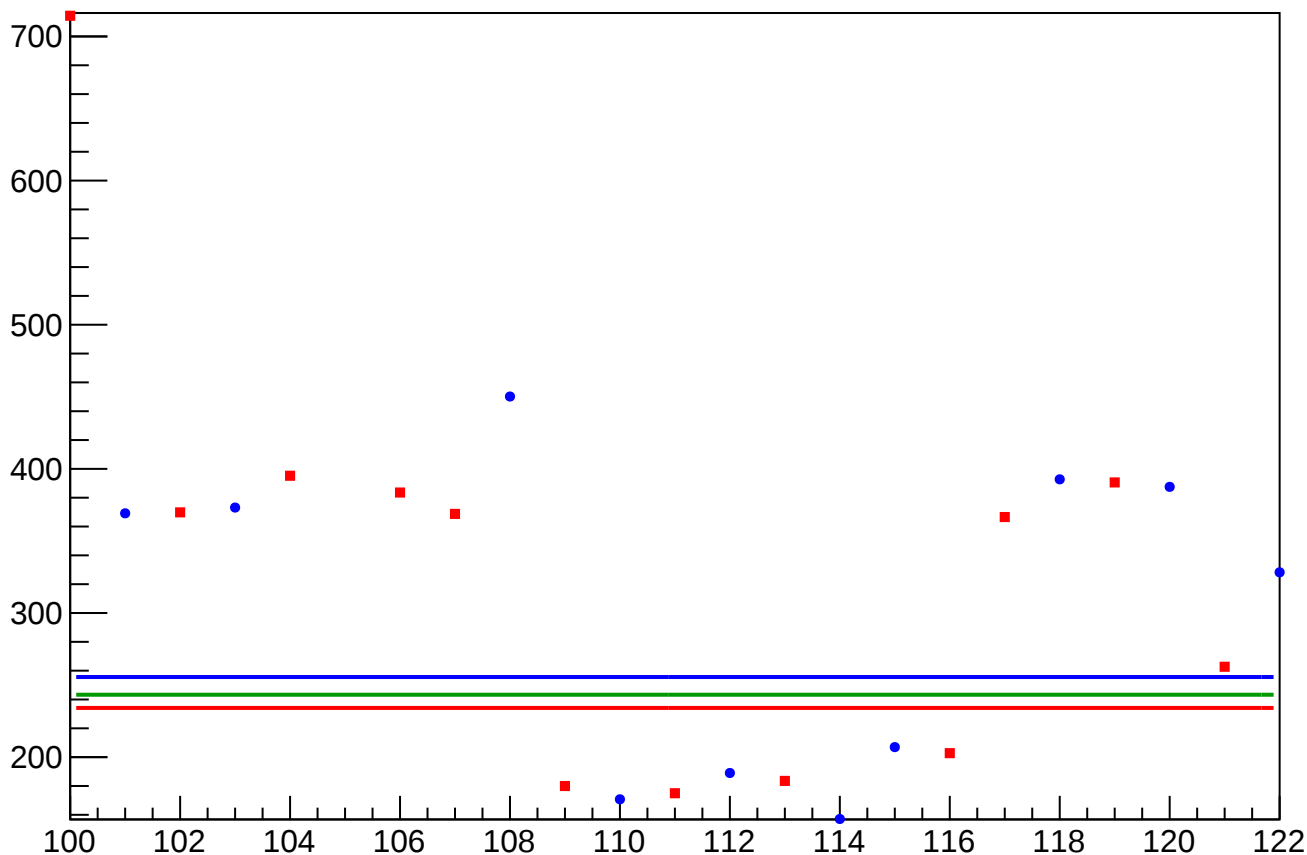
133111.217 $\pm$ 0.093 χ^2 /NDF: 147436578

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: 255.589 ± 0.100 $\chi^2/\text{NDF}: 966230.9/9$

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

Right Out: 234.150 ± 0.087 $\chi^2/\text{NDF}: 970137.2/11$

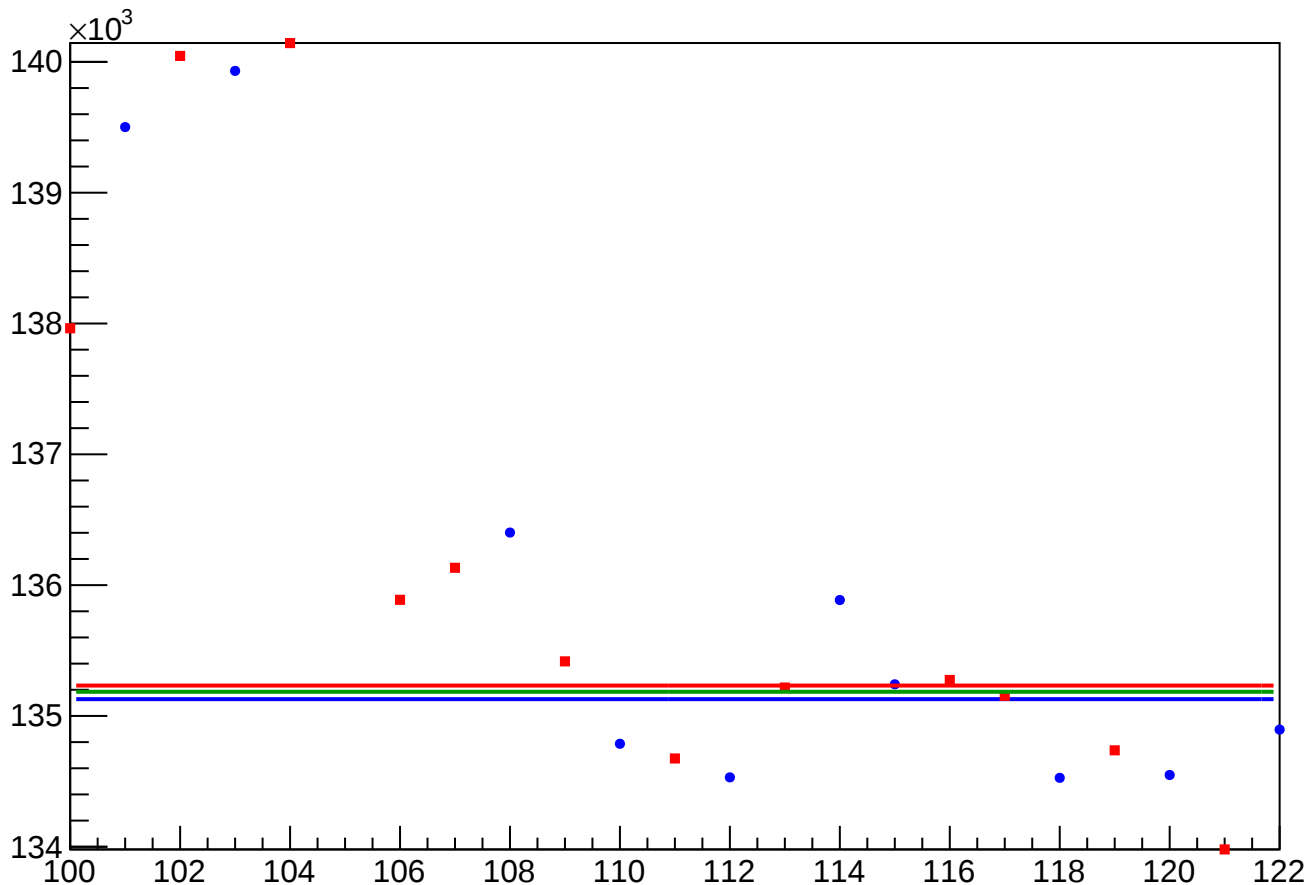
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

255.589 ± 0.100 $\chi^2/\text{NDF}: 966230.9/9$

243.305 ± 0.066 $\chi^2/\text{NDF}: 1962534.8/21$

234.150 ± 0.087 $\chi^2/\text{NDF}: 970137.2/11$

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135128.351 $\pm$ 0.068 χ^2 /NDF: 259850750.7/9

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

Right Out: 135232.271 $\pm$ 0.062 χ^2 /NDF: 239777636.1/11

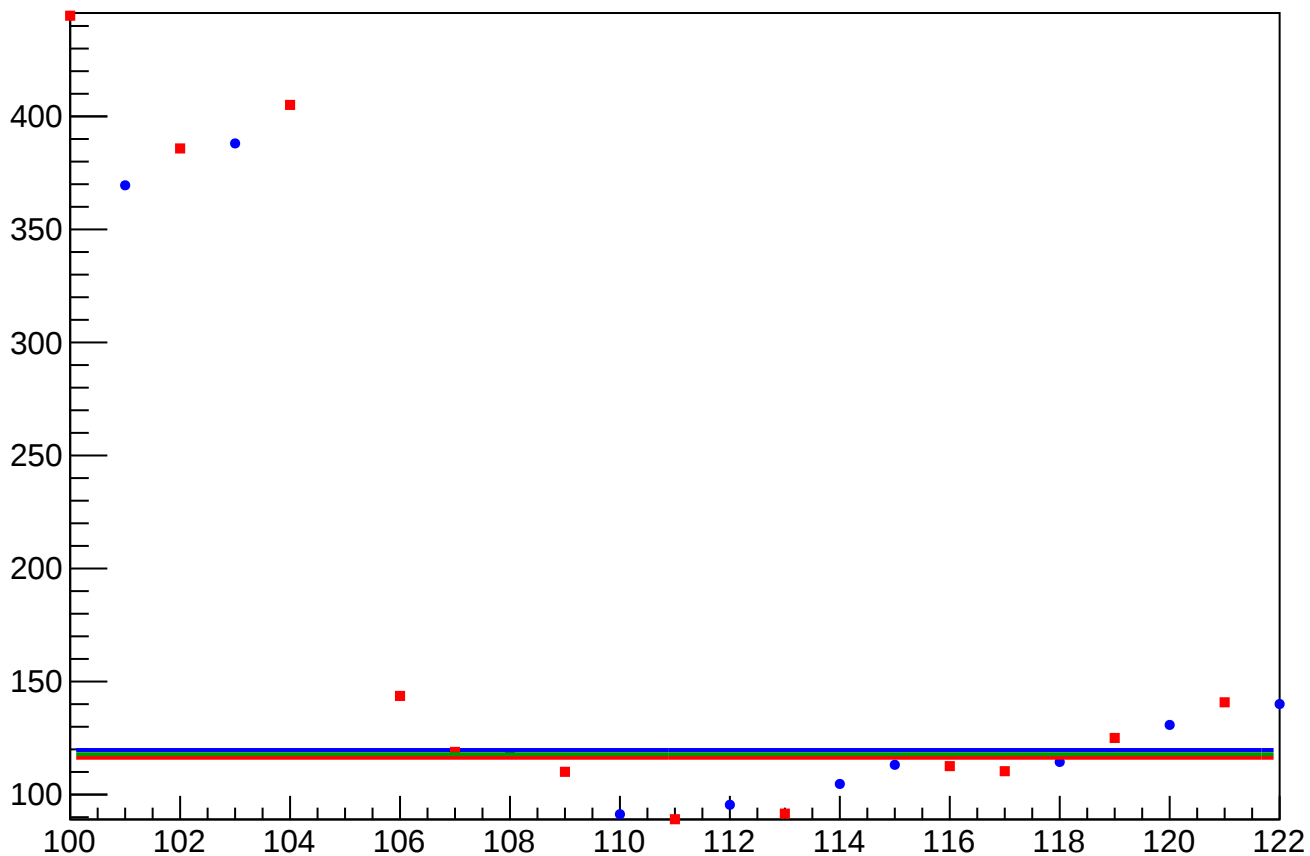
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135128.351 $\pm$ 0.068 χ^2 /NDF: 259850750.7/9

135184.731 $\pm$ 0.046 χ^2 /NDF: 500904063

135232.271 $\pm$ 0.062 χ^2 /NDF: 239777636.1/11

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 119.705 $\pm$ 0.048 χ^2 /NDF: 1224828.9/9

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

Right Out: 116.303 $\pm$ 0.044 χ^2 /NDF: 1295541.8/11

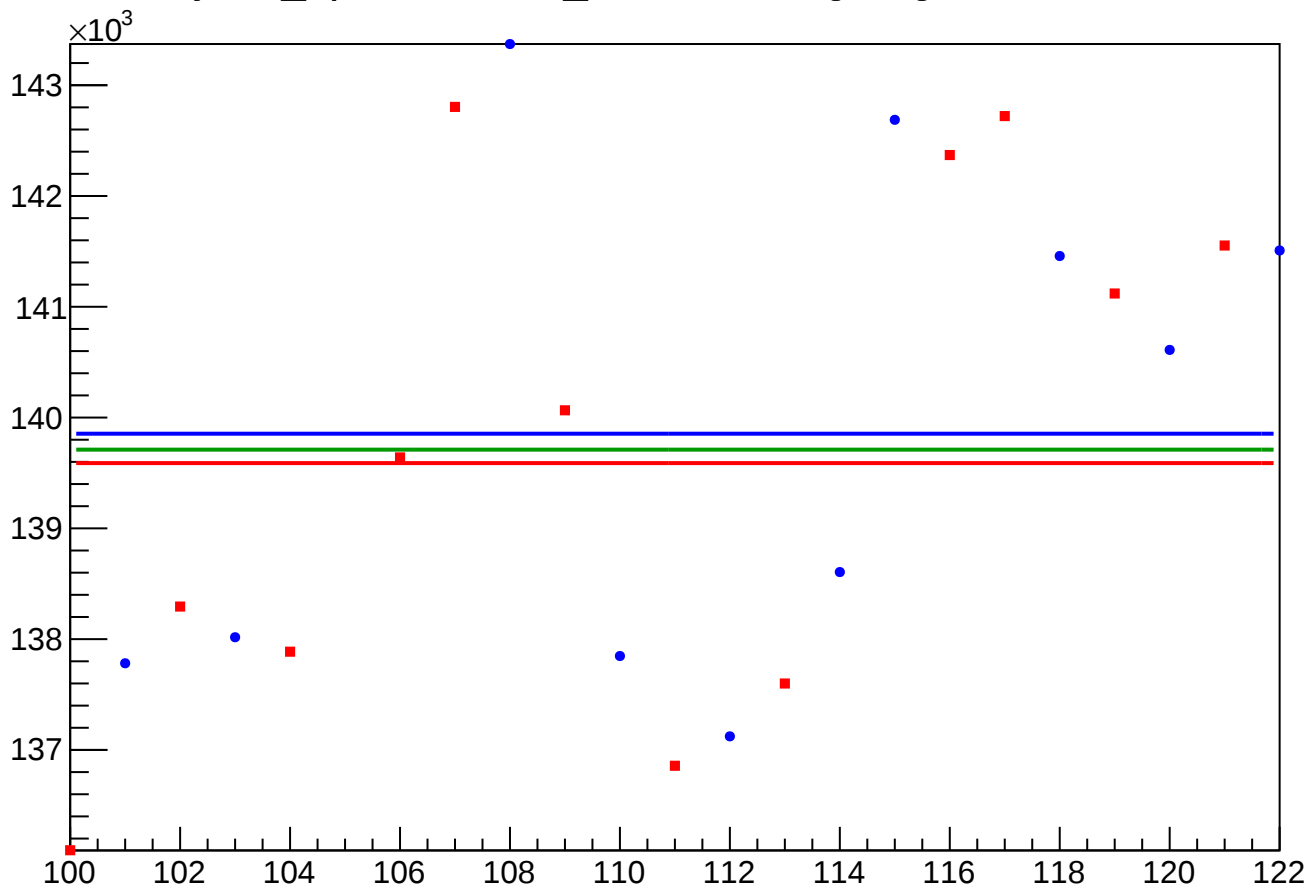
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.705 $\pm$ 0.048 χ^2 /NDF: 1224828.9/9

117.859 $\pm$ 0.032 χ^2 /NDF: 2523104.3/21

116.303 $\pm$ 0.044 χ^2 /NDF: 1295541.8/11

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139854.383 $\pm$ 0.080 χ^2 /NDF: 726441236.6/9

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

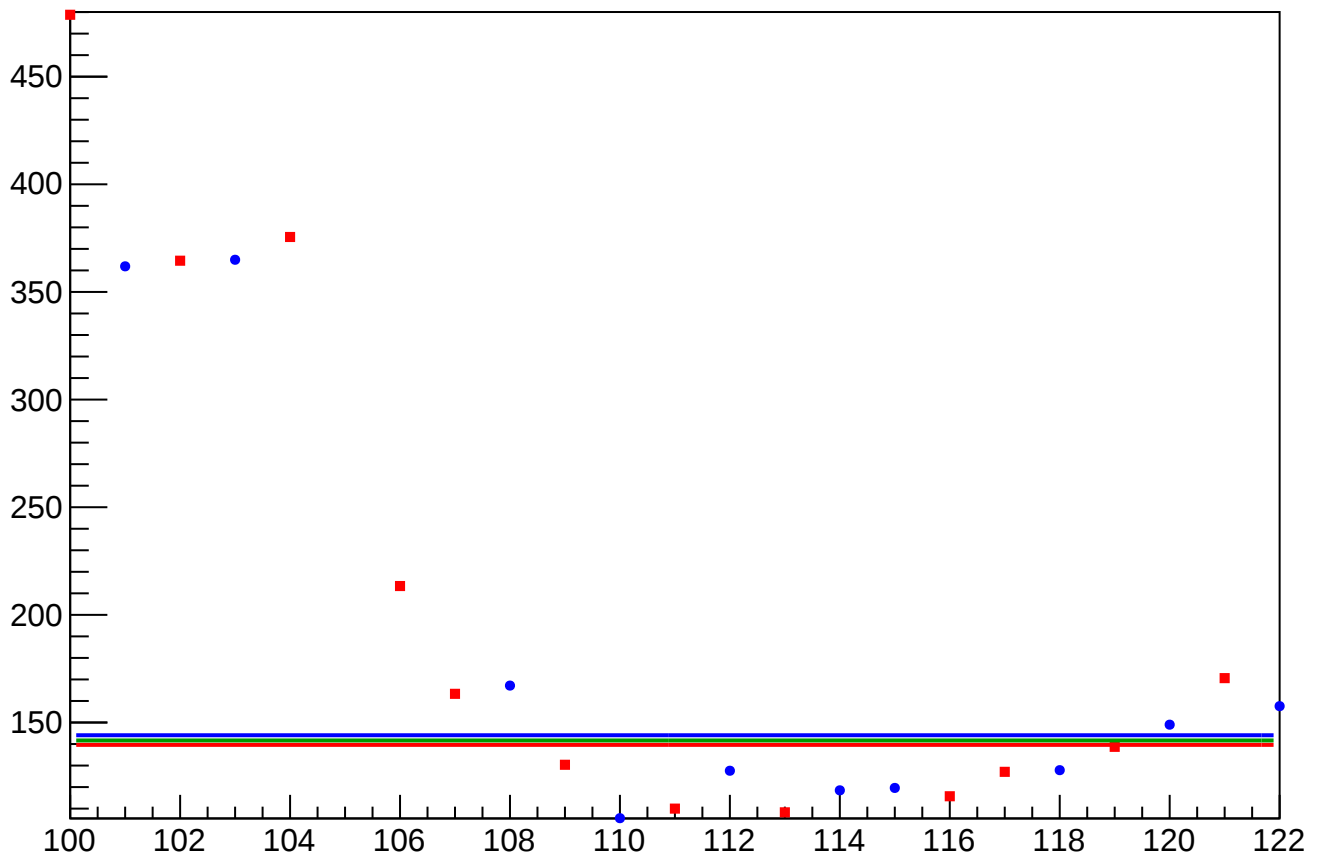
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139854.383 $\pm$ 0.080 χ^2 /NDF: 726441236.6/9

139710.563 $\pm$ 0.054 χ^2 /NDF: 157215663

139589.052 $\pm$ 0.074 χ^2 /NDF: 839774495.9/11

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 144.079+/-0.057 χ^2/NDF : 1001326.1/9

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

Right Out: 139.615+/-0.052 χ^2/NDF : 1123818.5/11

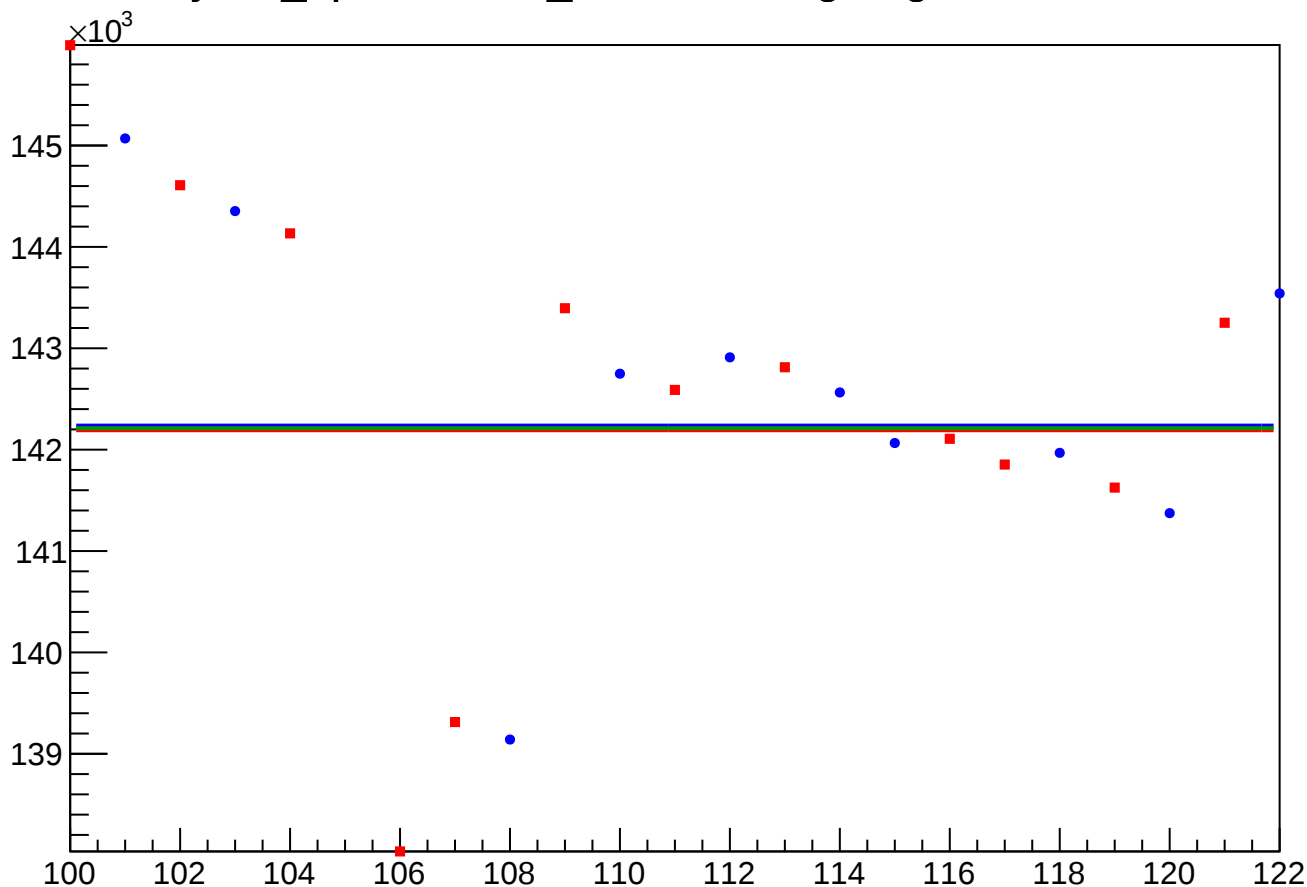
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.079+/-0.057 χ^2/NDF : 1001326.1/9

141.659+/-0.038 χ^2/NDF : 2128507.7/21

139.615+/-0.052 χ^2/NDF : 1123818.5/11

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142237.234 $\pm$ 0.086 χ^2 /NDF: 276819785.0/9

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

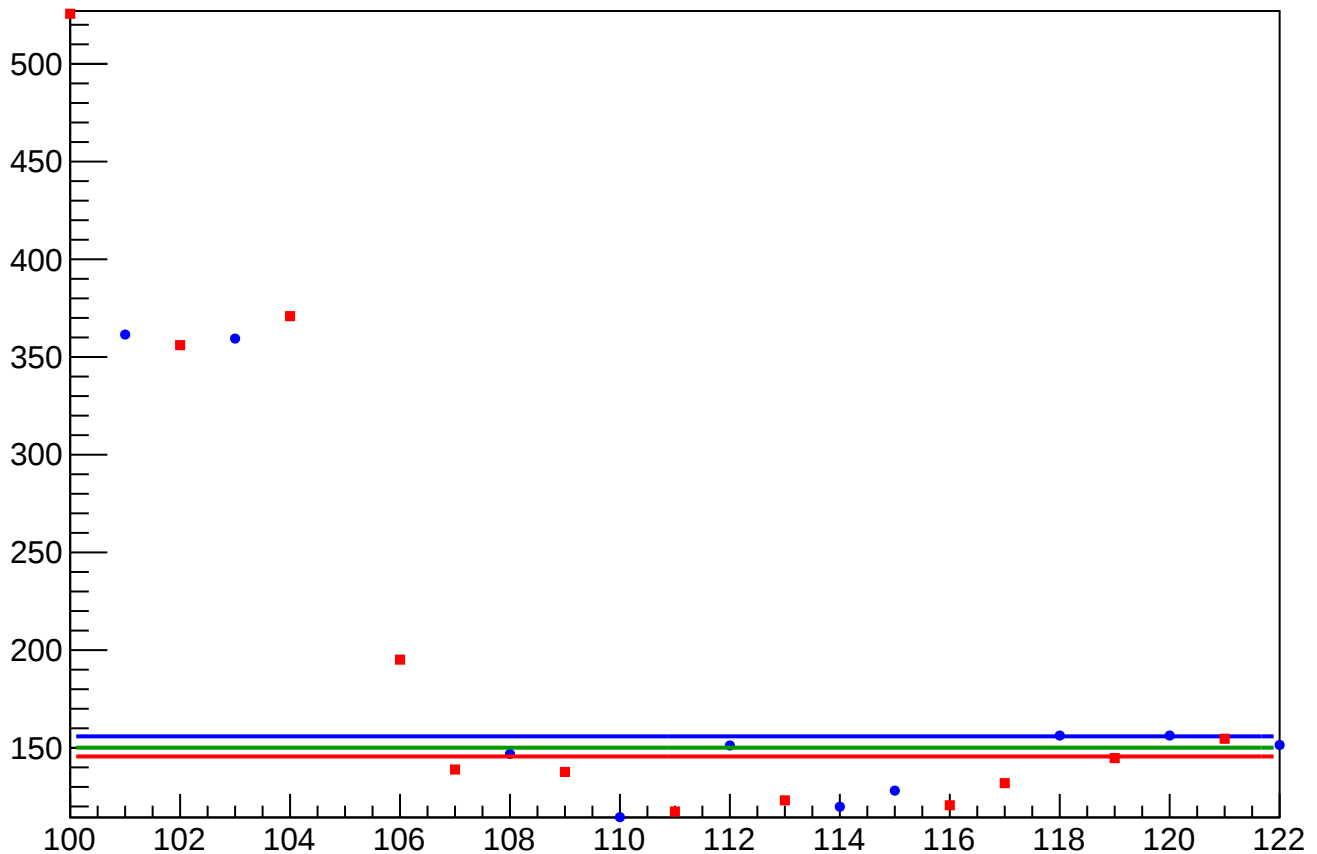
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142237.234 $\pm$ 0.086 χ^2 /NDF: 276819785.0/9

142211.630 $\pm$ 0.057 χ^2 /NDF: 654159867

142191.733 $\pm$ 0.076 χ^2 /NDF: 377183356.0/11

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 155.881+/-0.061 χ^2/NDF : 863099.2/9

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

Right Out: 145.590+/-0.054 χ^2/NDF : 951961.6/11

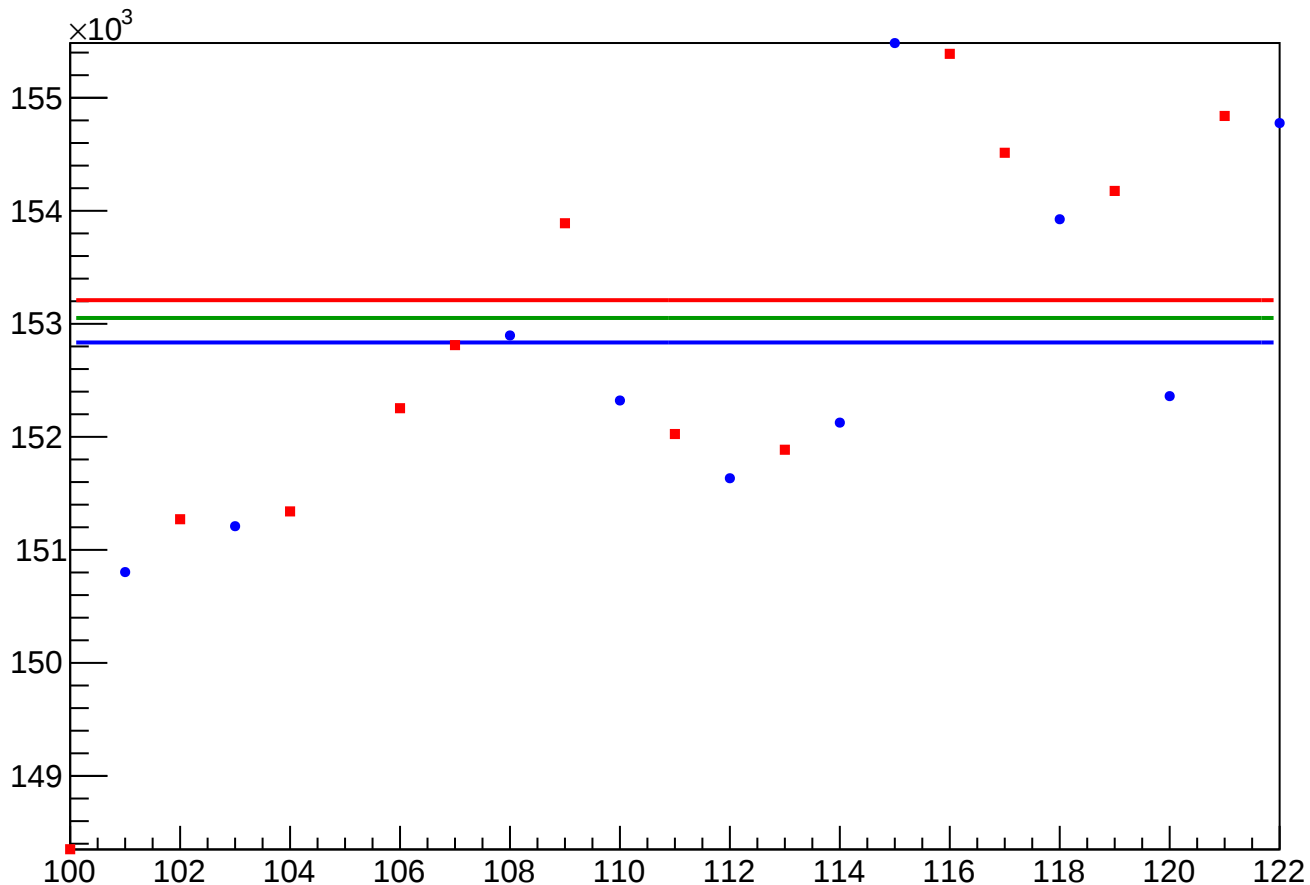
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

155.881+/-0.061 χ^2/NDF : 863099.2/9

150.090+/-0.040 χ^2/NDF : 1831093.9/21

145.590+/-0.054 χ^2/NDF : 951961.6/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152835.112 $\pm$ 0.102 χ^2 /NDF: 150440186.3/9

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

Right Out: 153209.368 $\pm$ 0.087 χ^2 /NDF: 215927077.4/11

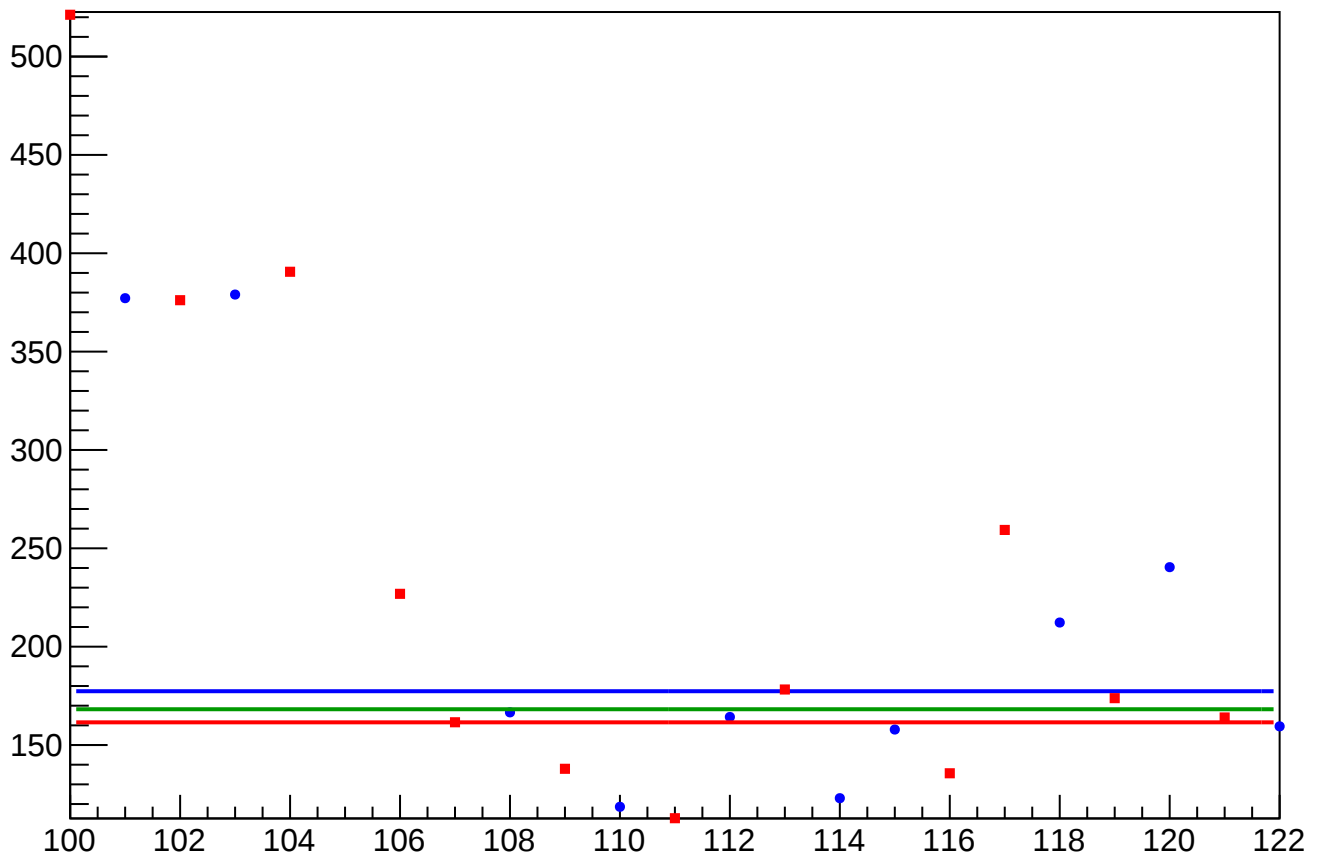
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152835.112 $\pm$ 0.102 χ^2 /NDF: 150440186.3/9

153051.849 $\pm$ 0.066 χ^2 /NDF: 374169776

153209.368 $\pm$ 0.087 χ^2 /NDF: 215927077.4/11

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 177.354+/-0.072 χ^2/NDF : 921194.1/9

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

Right Out: 161.530+/-0.061 χ^2/NDF : 1016512.3/11

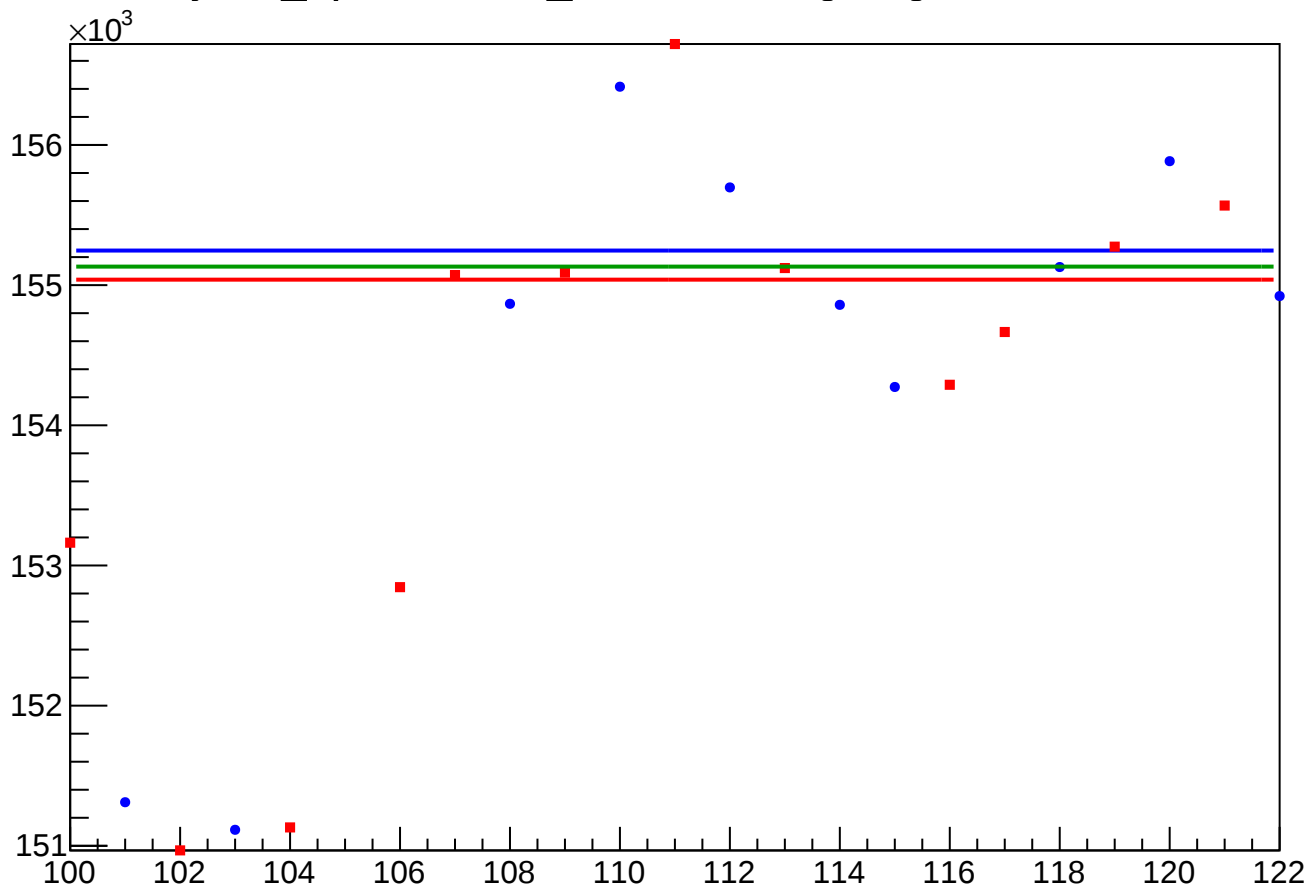
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.354+/-0.072 χ^2/NDF : 921194.1/9

168.190+/-0.047 χ^2/NDF : 1965603.1/21

161.530+/-0.061 χ^2/NDF : 1016512.3/11

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 155246.744 $\pm$ 0.082 χ^2 /NDF: 169235398.5/9

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

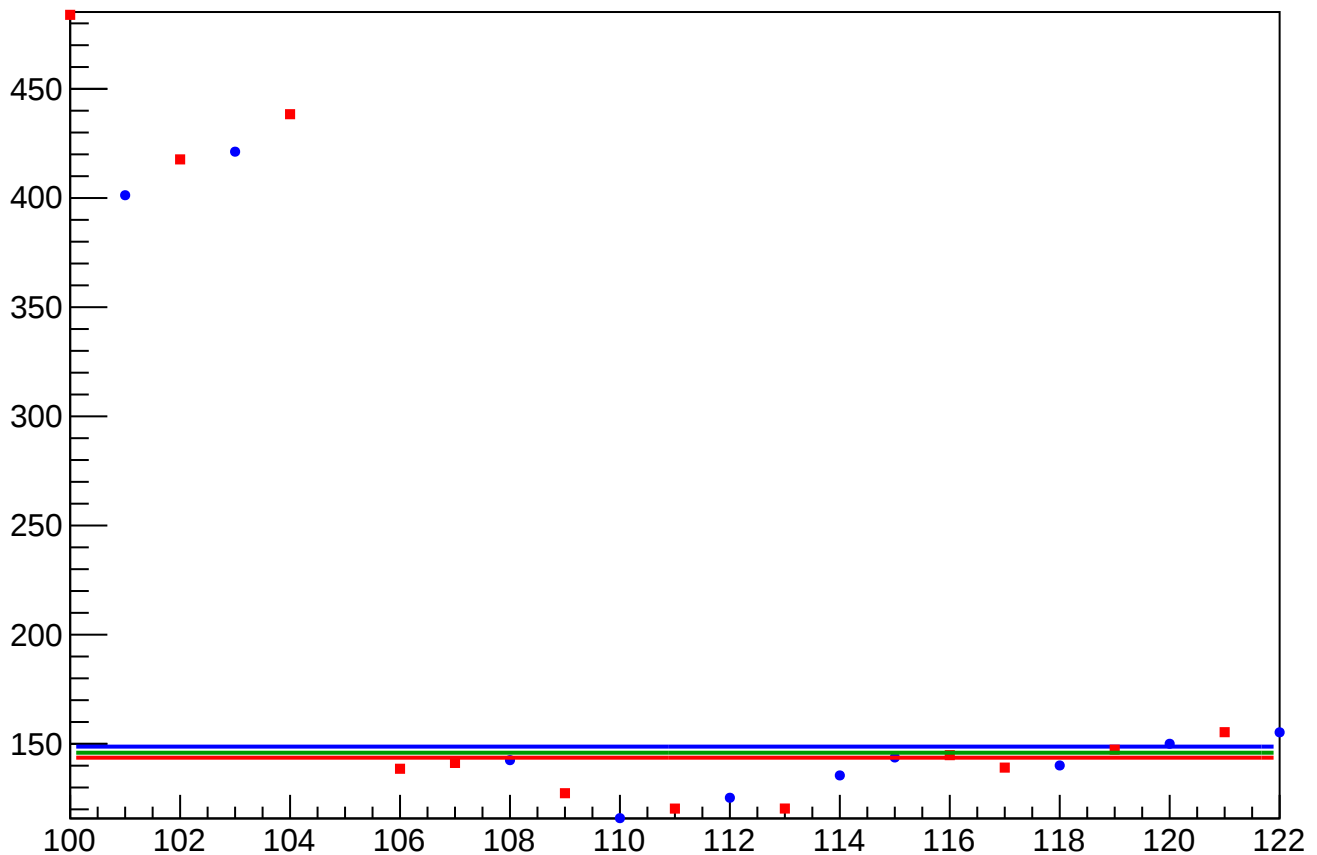
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155246.744 $\pm$ 0.082 χ^2 /NDF: 169235398.5/9

155132.204 $\pm$ 0.055 χ^2 /NDF: 433321041

155039.116 $\pm$ 0.074 χ^2 /NDF: 260588967.7/11

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 148.729 $\pm$ 0.058 χ^2 /NDF: 1032165.6/9

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

Right Out: 143.662 $\pm$ 0.053 χ^2 /NDF: 1069700.1/11

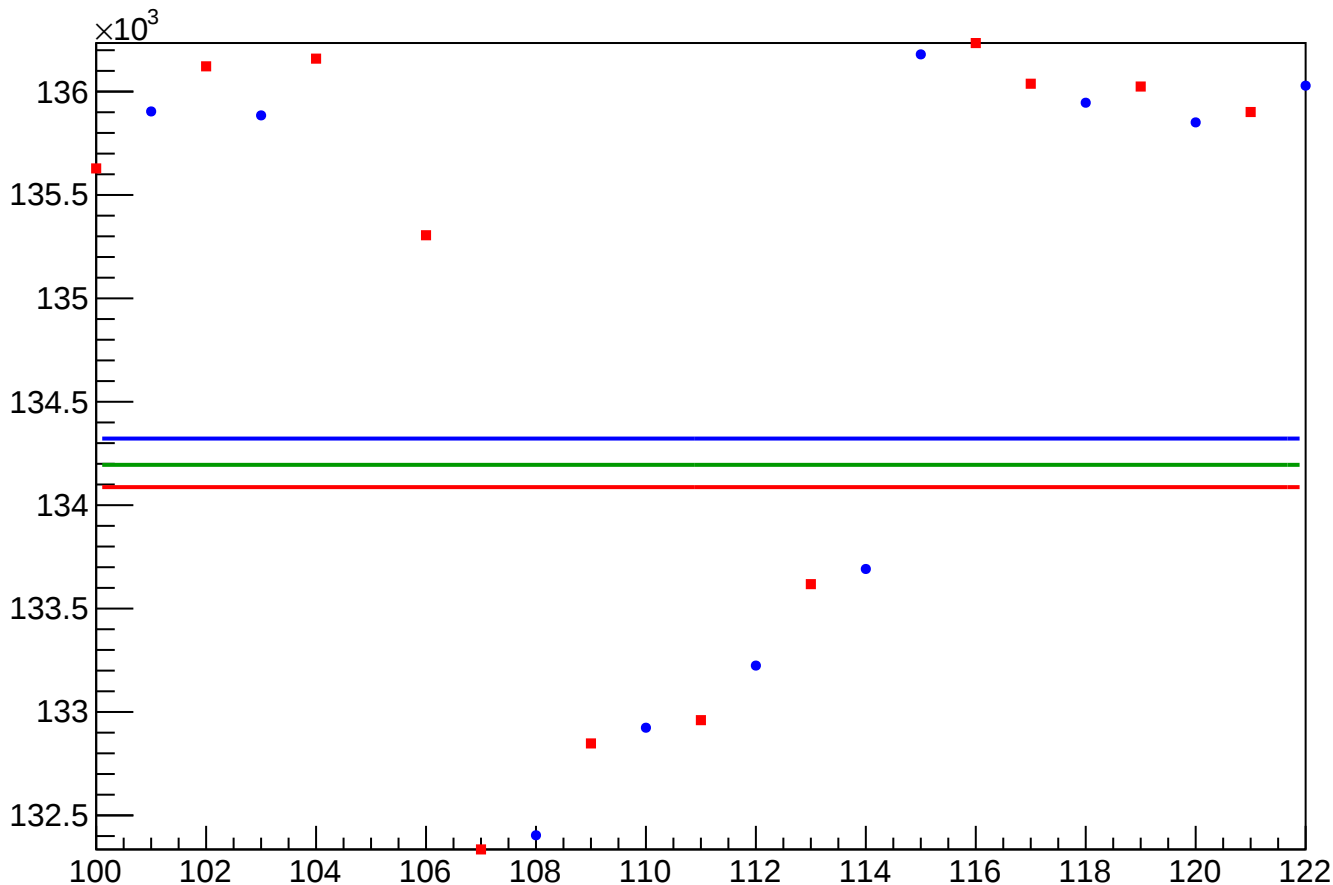
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.729 $\pm$ 0.058 χ^2 /NDF: 1032165.6/9

145.934 $\pm$ 0.039 χ^2 /NDF: 2106029.5/21

143.662 $\pm$ 0.053 χ^2 /NDF: 1069700.1/11

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134322.120 $\pm$ 0.062 χ^2 /NDF: 585682915.7/9

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

134322.120 $\pm$ 0.062 χ^2 /NDF: 585682915.7/9

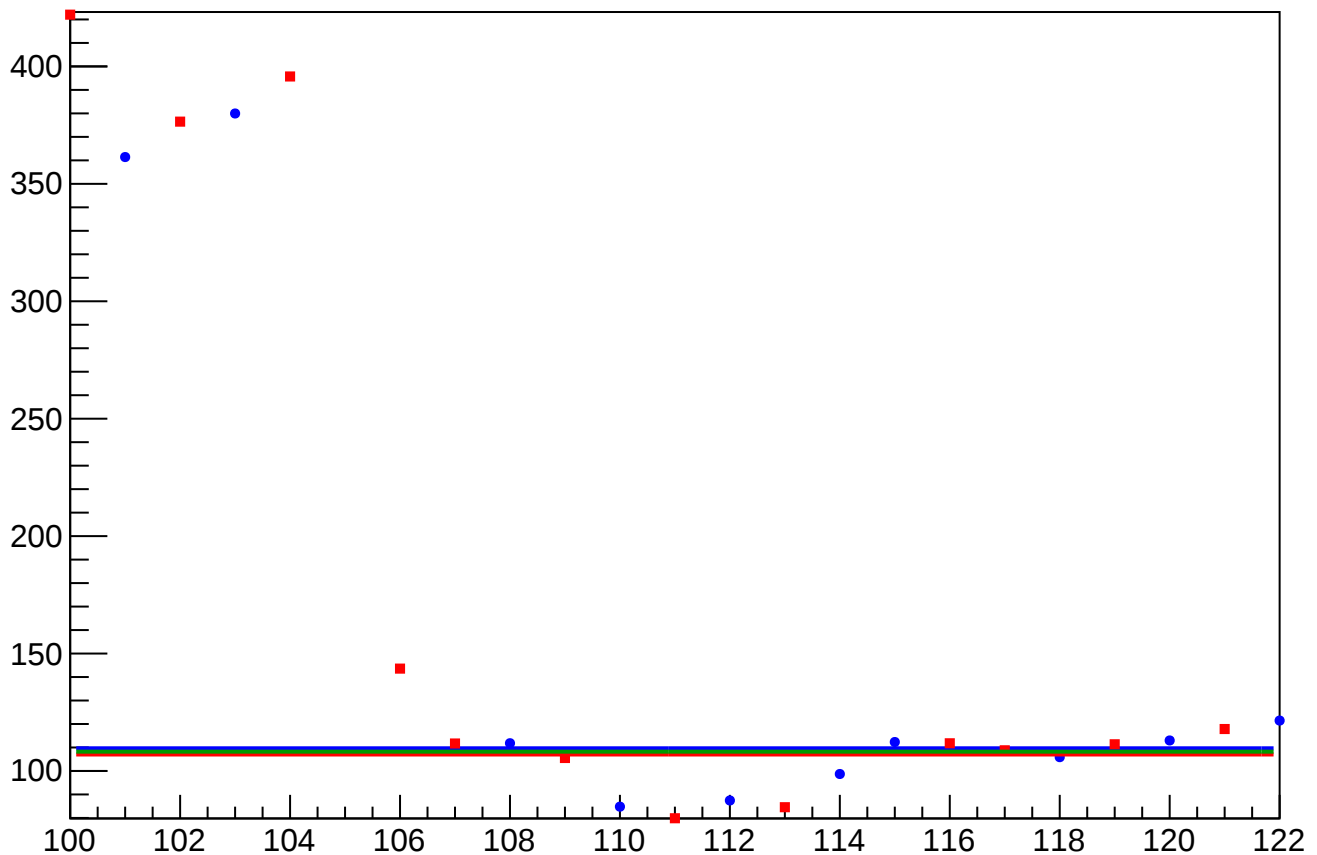
Right Out: 134087.251 $\pm$ 0.057 χ^2 /NDF: 639231329.5/11

134195.017 $\pm$ 0.042 χ^2 /NDF: 123265949

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

134087.251 $\pm$ 0.057 χ^2 /NDF: 639231329.5/11

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 109.660 $\pm$ 0.044 χ^2 /NDF: 1267464.7/9

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

Right Out: 107.015 $\pm$ 0.040 χ^2 /NDF: 1357524.6/11

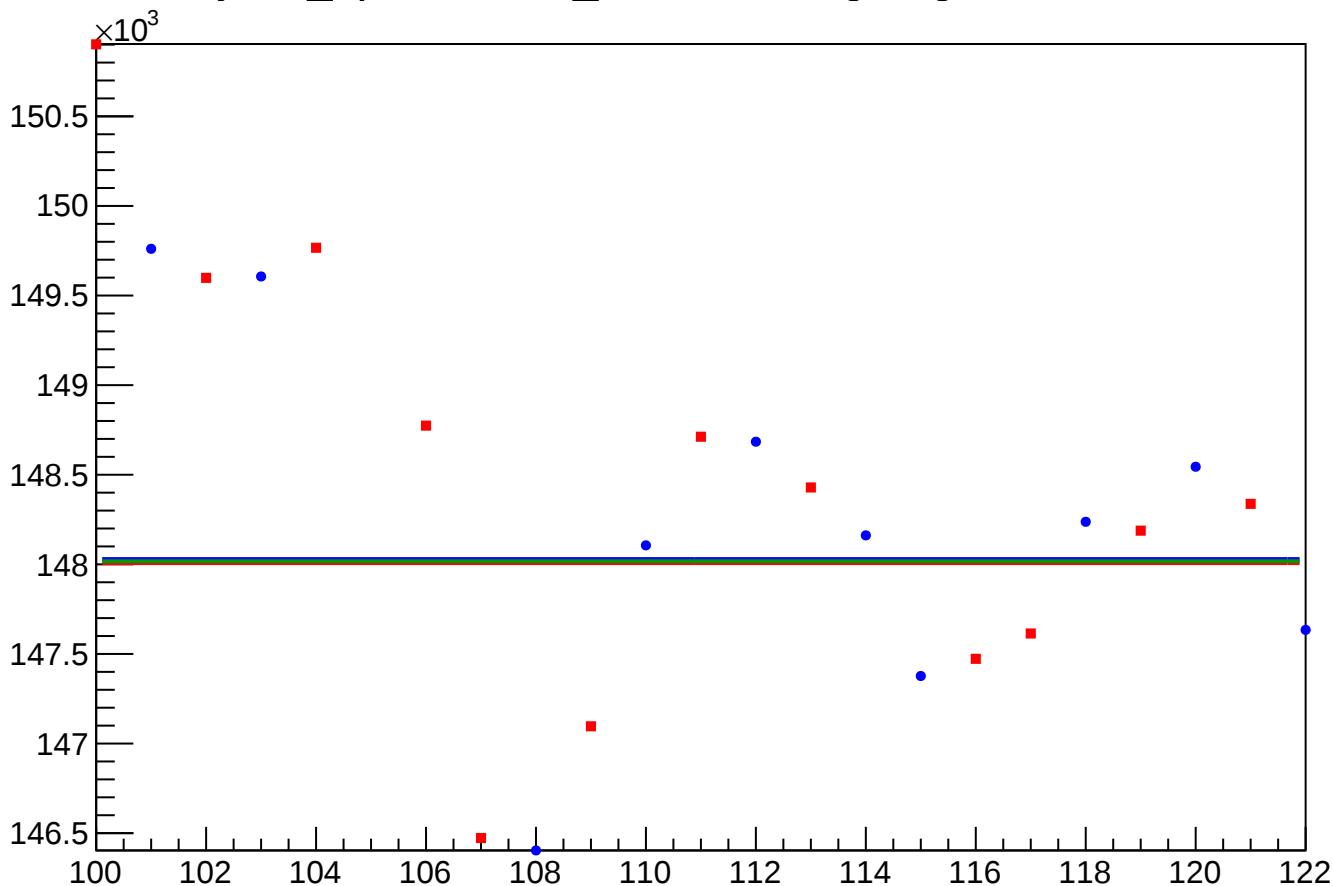
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.660 $\pm$ 0.044 χ^2 /NDF: 1267464.7/9

108.229 $\pm$ 0.030 χ^2 /NDF: 2626953.0/21

107.015 $\pm$ 0.040 χ^2 /NDF: 1357524.6/11

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 148029.256 $\pm$ 0.078 χ^2 /NDF: 106654821.9/9

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

Right Out: 148007.027 $\pm$ 0.071 χ^2 /NDF: 136511943.8/11

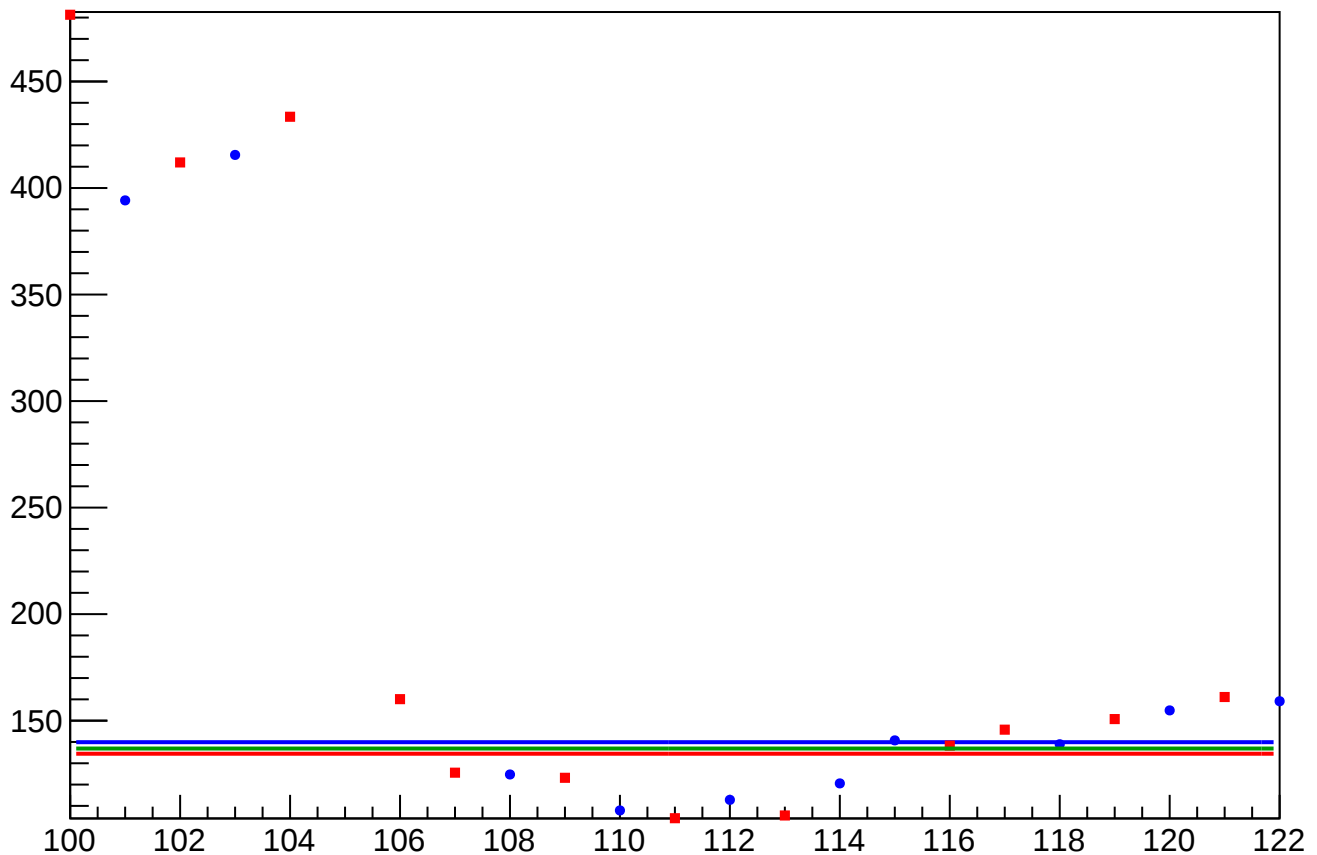
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148029.256 $\pm$ 0.078 χ^2 /NDF: 106654821.9/9

148017.022 $\pm$ 0.052 χ^2 /NDF: 243211135

148007.027 $\pm$ 0.071 χ^2 /NDF: 136511943.8/11

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 139.898+/-0.055 χ^2/NDF : 1130032.4/9

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

Right Out: 134.481+/-0.050 χ^2/NDF : 1230952.1/11

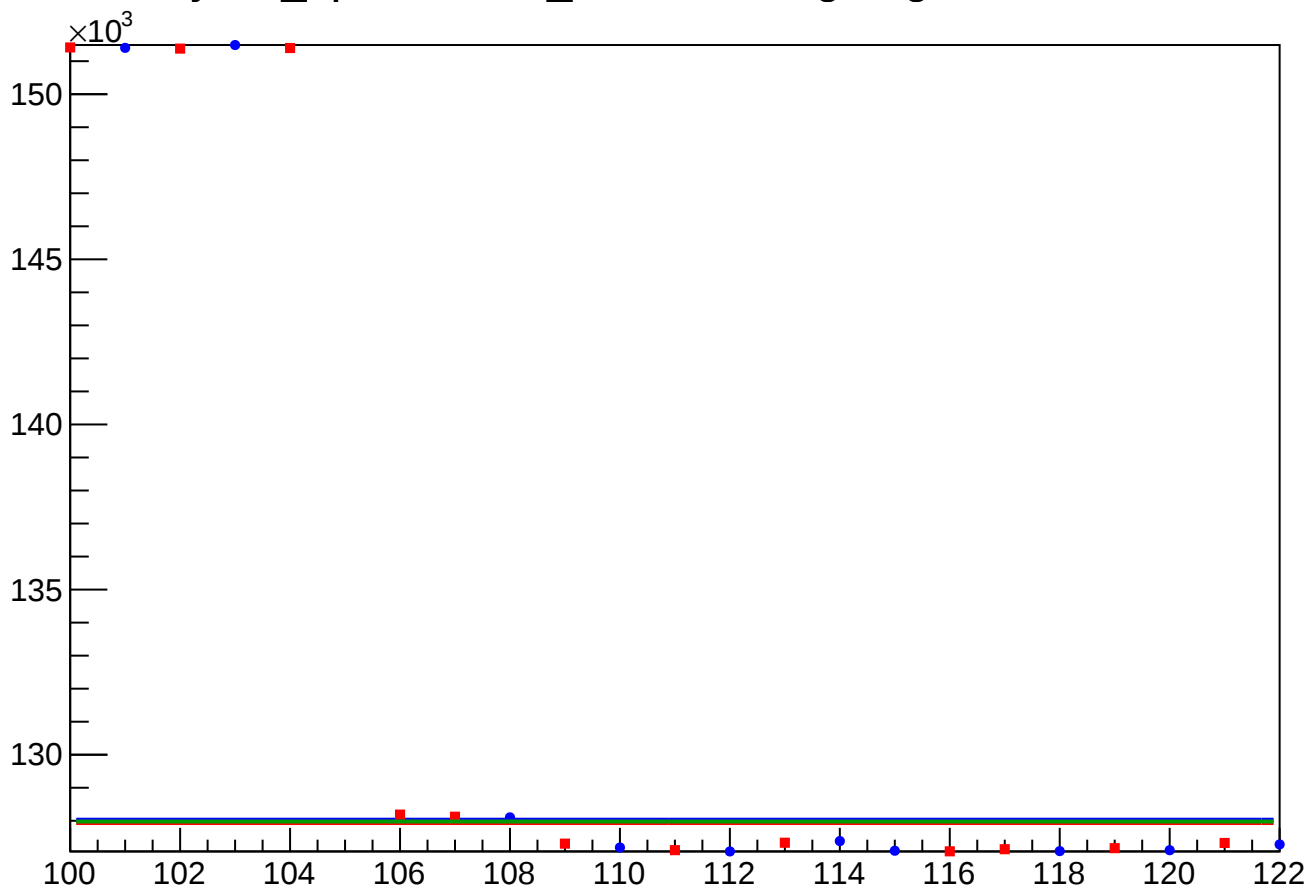
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.898+/-0.055 χ^2/NDF : 1130032.4/9

136.916+/-0.037 χ^2/NDF : 2366254.7/21

134.481+/-0.050 χ^2/NDF : 1230952.1/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128032.000 $\pm$ 0.066 χ^2 /NDF: 4156244692.8/9

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

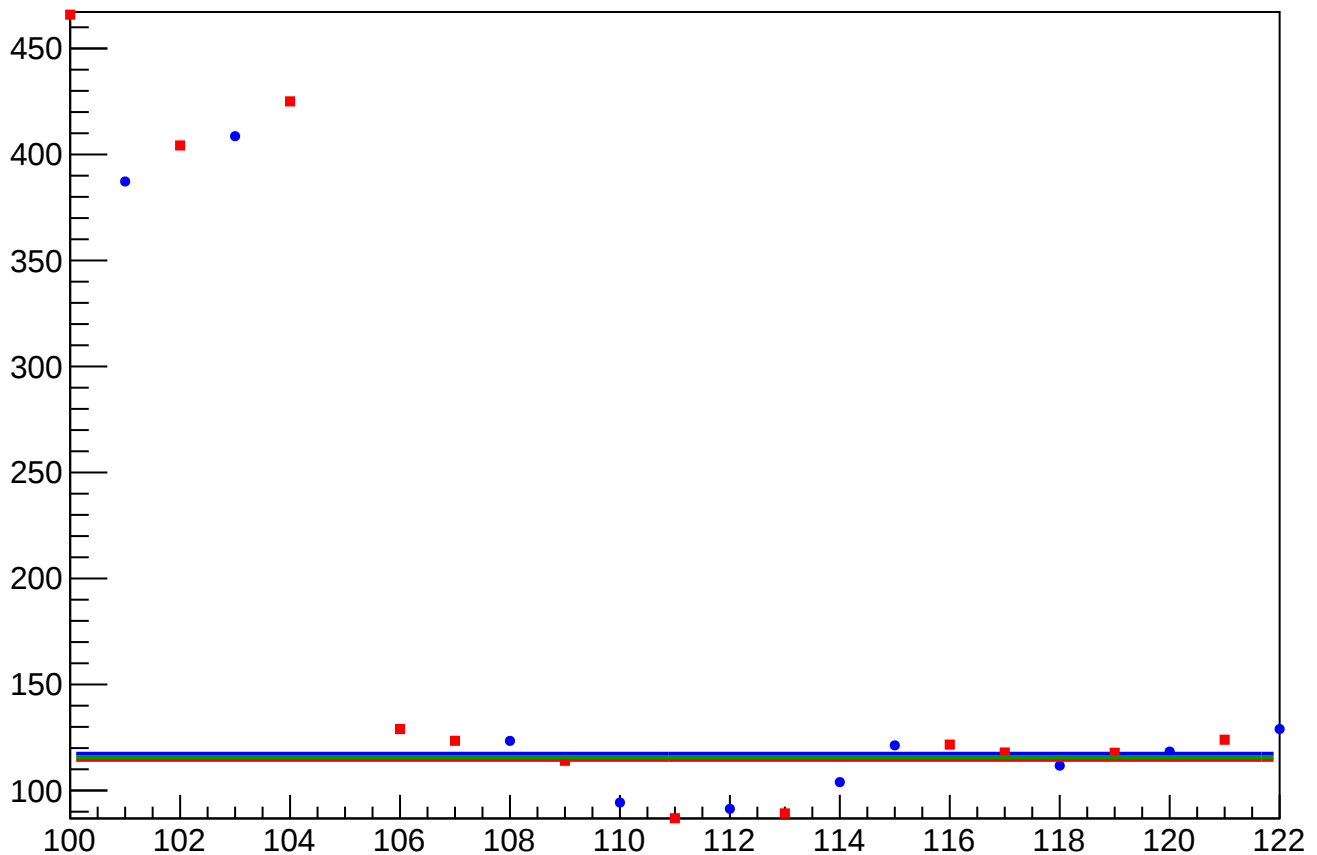
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128032.000 $\pm$ 0.066 χ^2 /NDF: 4156244692.8/9

127977.057 $\pm$ 0.045 χ^2 /NDF: 778680092

127931.540 $\pm$ 0.061 χ^2 /NDF: 3629307095.3/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.327+/-0.047 χ^2/NDF : 1267419.5/9

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

Right Out: 114.447+/-0.043 χ^2/NDF : 1335819.5/11

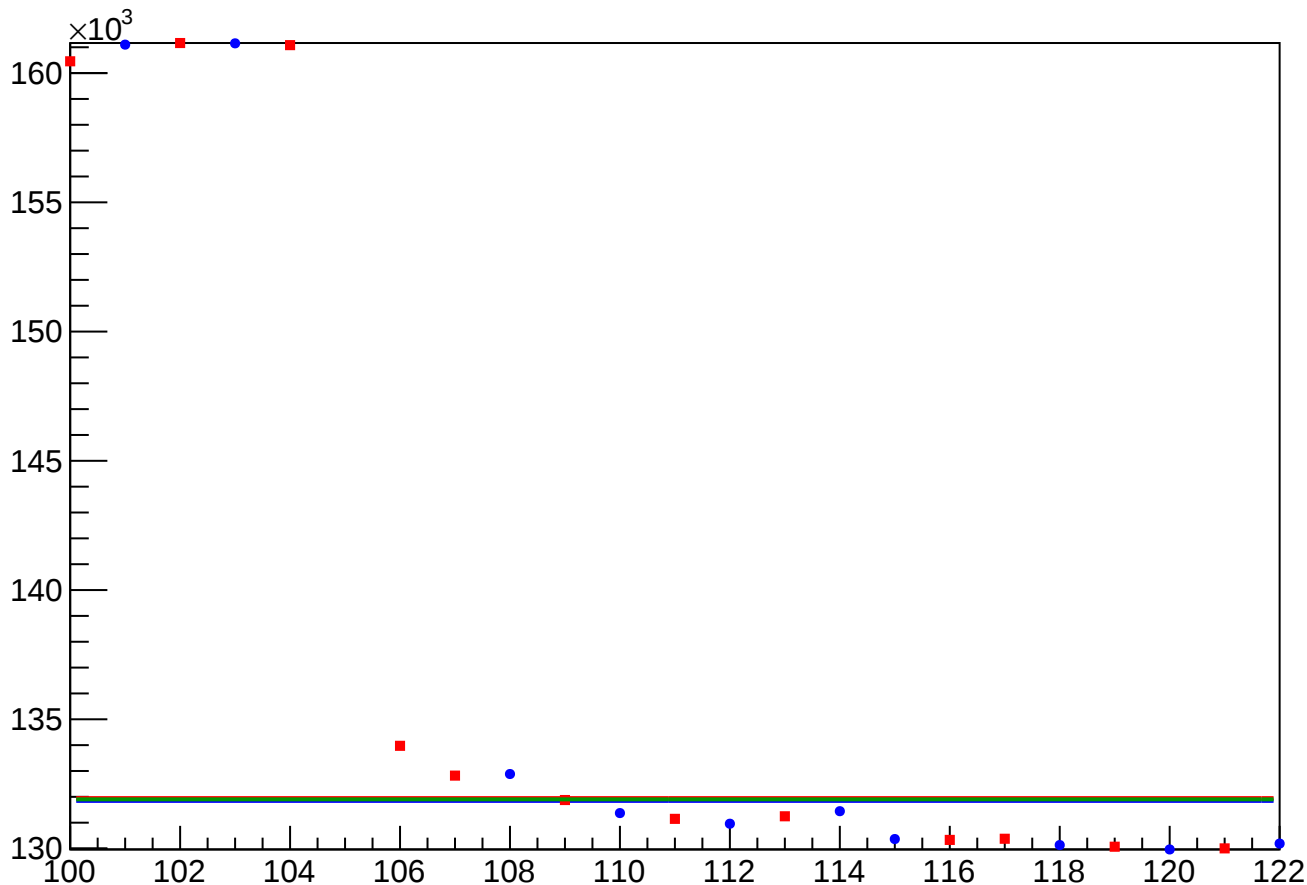
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.327+/-0.047 χ^2/NDF : 1267419.5/9

115.752+/-0.032 χ^2/NDF : 2605292.4/21

114.447+/-0.043 χ^2/NDF : 1335819.5/11

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131843.486 $\pm$ 0.070 χ^2 /NDF: 5957496680.7/9

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

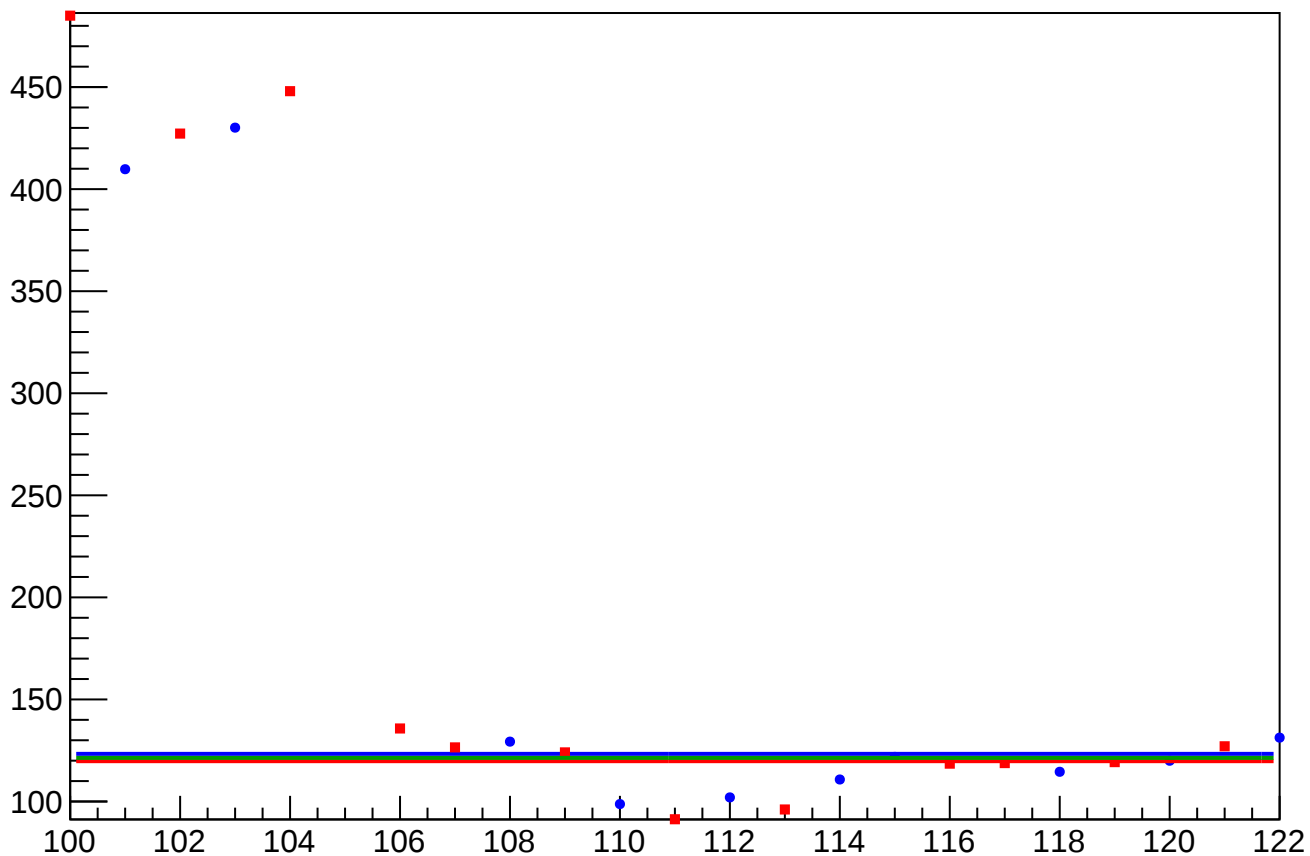
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131843.486 $\pm$ 0.070 χ^2 /NDF: 5957496680.7/9

131902.401 $\pm$ 0.047 χ^2 /NDF: 112343863

131950.862 $\pm$ 0.063 χ^2 /NDF: 5275587703.3/11

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 123.338 $\pm$ 0.049 χ^2 /NDF: 1241776.6/9

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

Right Out: 119.752 $\pm$ 0.045 χ^2 /NDF: 1318816.6/11

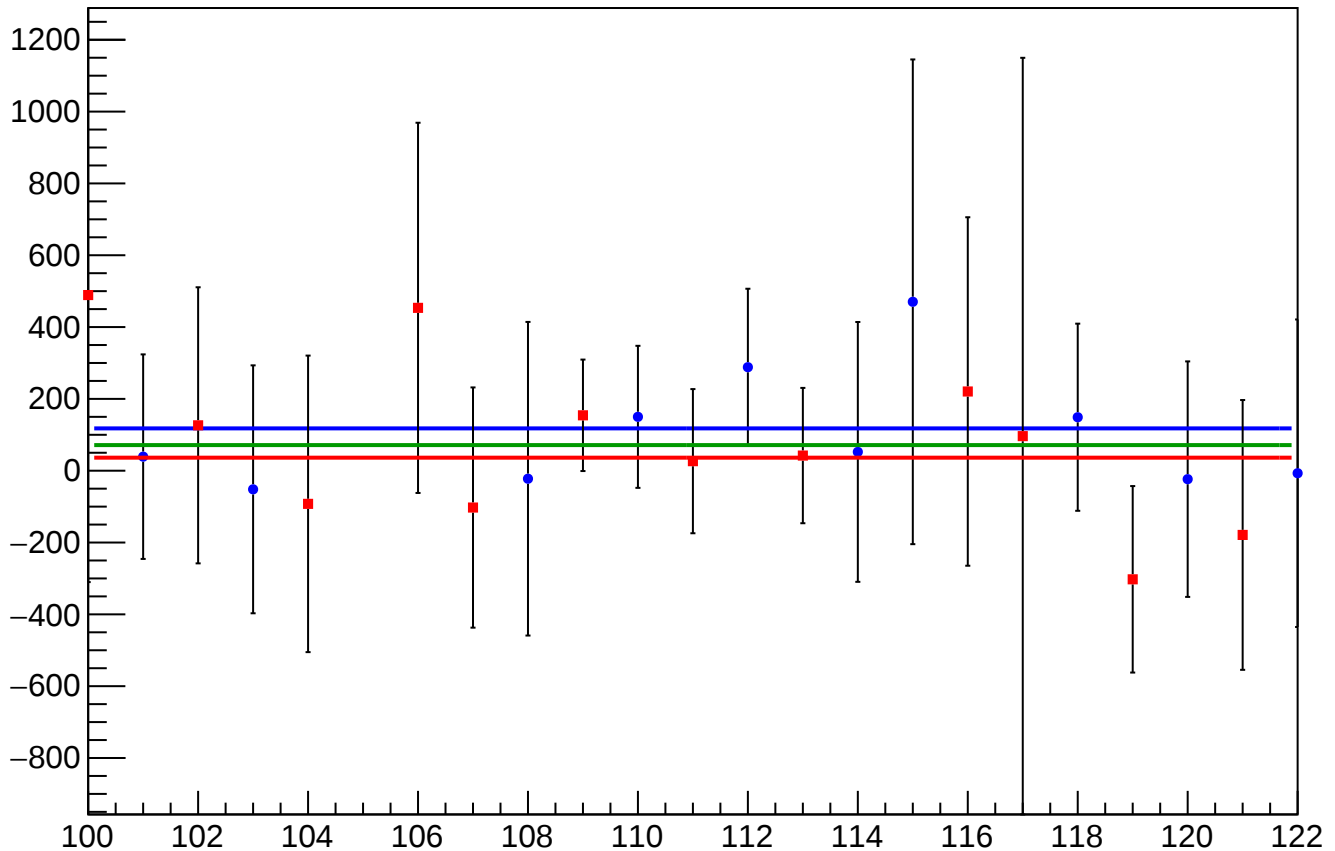
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

123.338 $\pm$ 0.049 χ^2 /NDF: 1241776.6/9

121.371 $\pm$ 0.033 χ^2 /NDF: 2563497.7/21

119.752 $\pm$ 0.045 χ^2 /NDF: 1318816.6/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 117.848 $\pm$ 94.570 χ^2 /NDF: 1.6/9

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

Right Out: 36.307 $\pm$ 82.068 χ^2 /NDF: 4.1/11

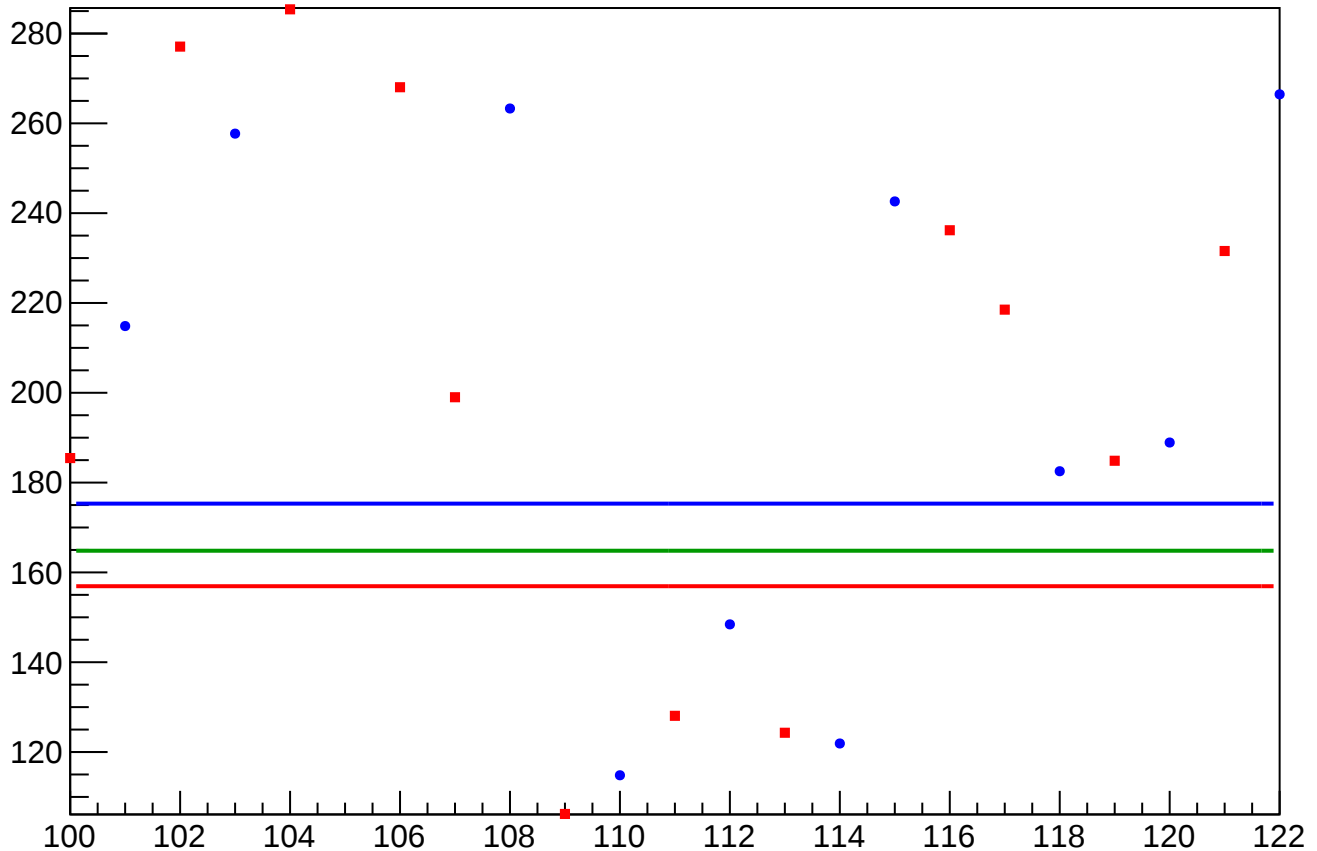
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.848 $\pm$ 94.570 χ^2 /NDF: 1.6/9

71.335 $\pm$ 61.983 χ^2 /NDF: 6.1/21

36.307 $\pm$ 82.068 χ^2 /NDF: 4.1/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 175.315+/-0.067 χ^2/NDF : 610208.9/9

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

Right Out: 156.926+/-0.058 χ^2/NDF : 993472.2/11

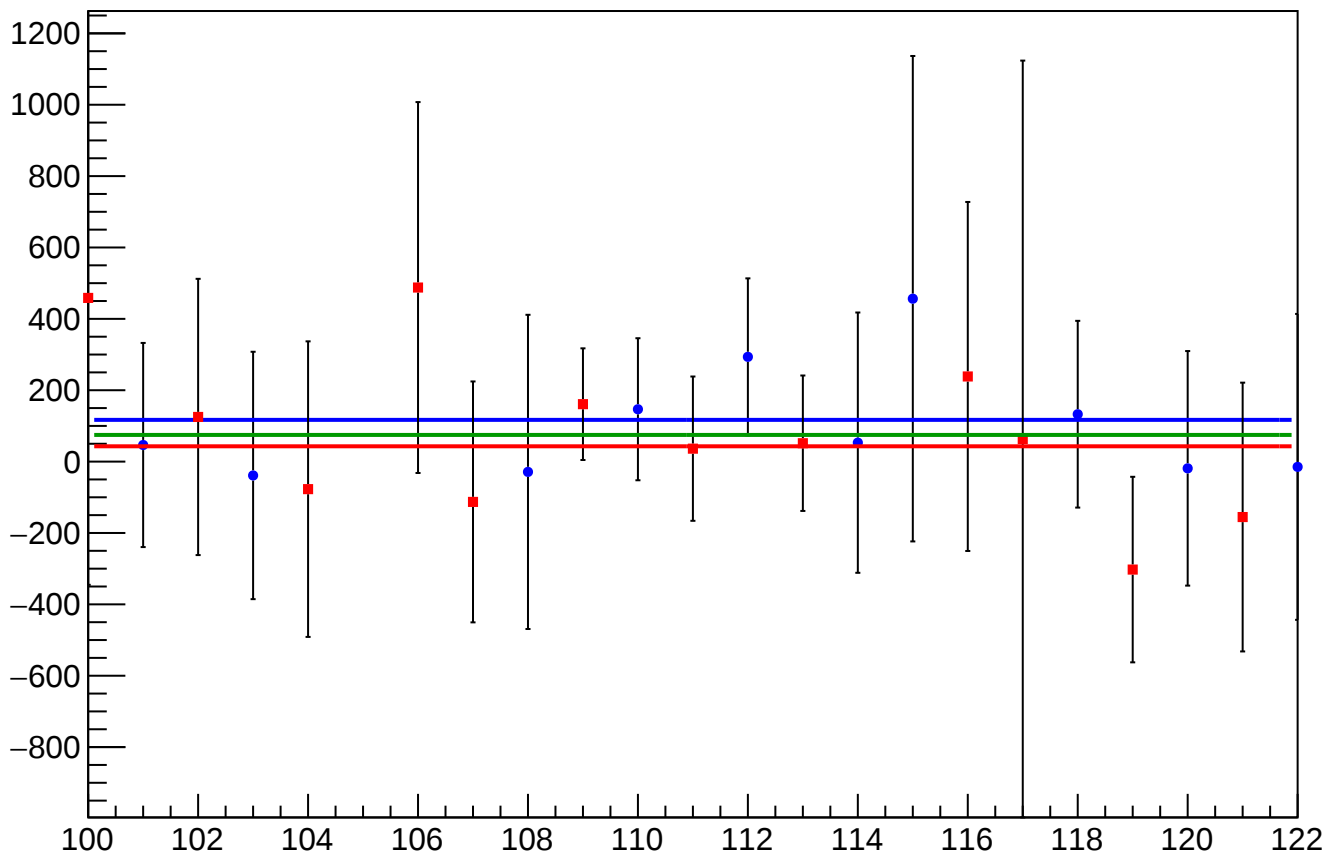
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.315+/-0.067 χ^2/NDF : 610208.9/9

164.825+/-0.044 χ^2/NDF : 1646819.4/21

156.926+/-0.058 χ^2/NDF : 993472.2/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 116.956 $\pm$ 95.084 χ^2 /NDF: 1.6/9

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

Right Out: 42.892 $\pm$ 82.605 χ^2 /NDF: 4.1/11

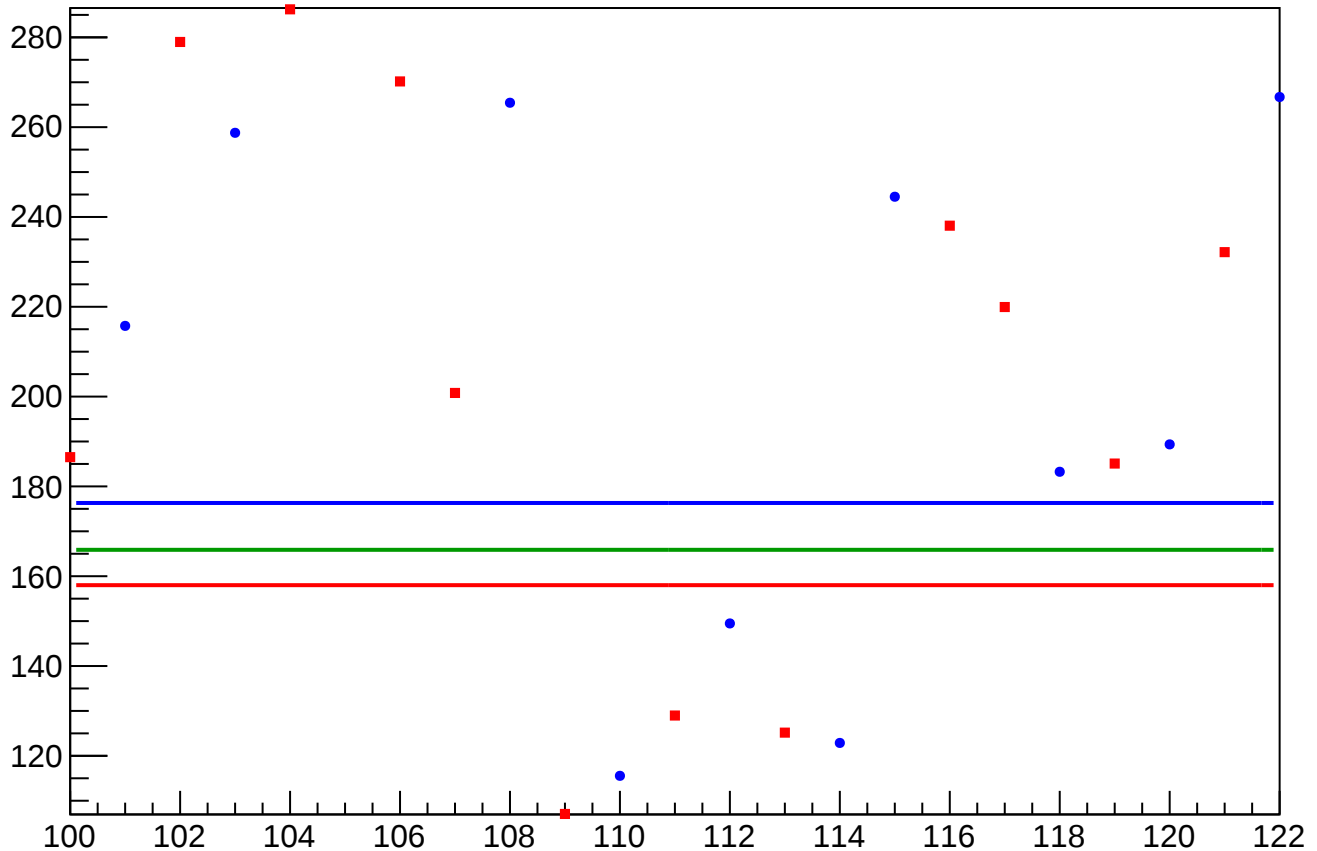
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.956 $\pm$ 95.084 χ^2 /NDF: 1.6/9

74.748 $\pm$ 62.359 χ^2 /NDF: 6.1/21

42.892 $\pm$ 82.605 χ^2 /NDF: 4.1/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 176.309 $\pm$ 0.067 χ^2 /NDF: 605900.6/9

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

Right Out: 158.004 $\pm$ 0.058 χ^2 /NDF: 987998.9/11

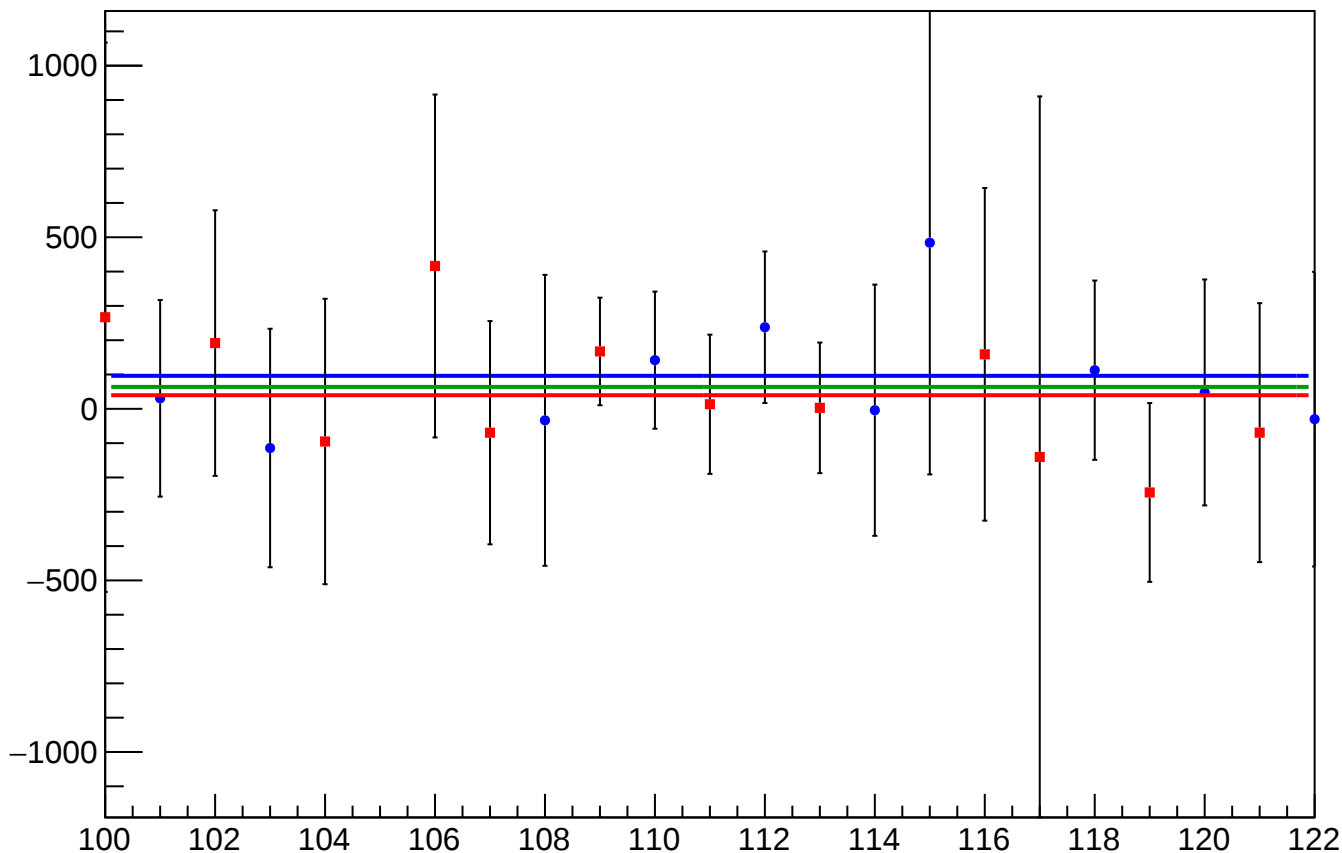
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.309 $\pm$ 0.067 χ^2 /NDF: 605900.6/9

165.877 $\pm$ 0.044 χ^2 /NDF: 1636141.6/21

158.004 $\pm$ 0.058 χ^2 /NDF: 987998.9/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 96.186+/-95.111 χ^2/NDF : 1.5/9

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

Right Out: 39.684+/-82.484 χ^2/NDF : 3.1/11

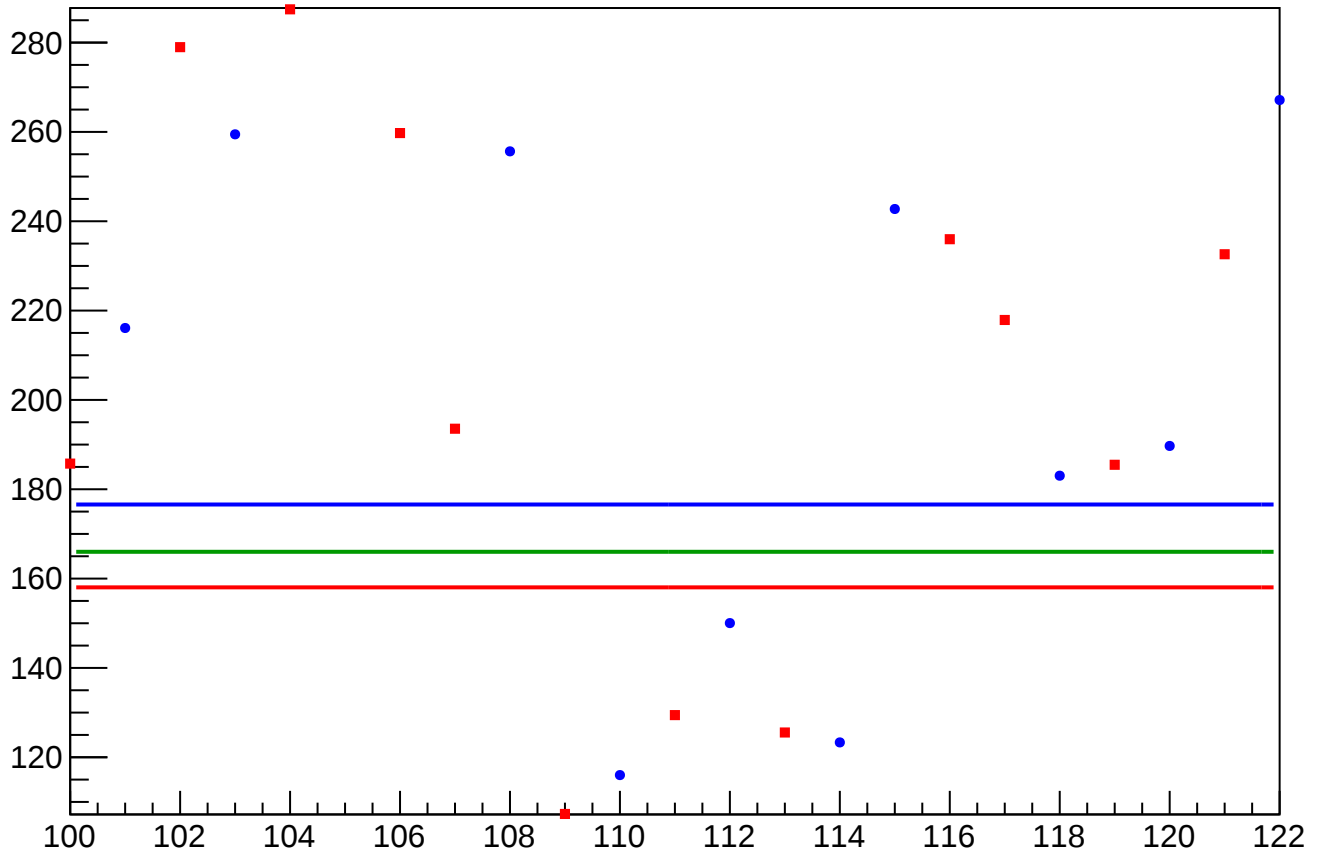
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.186+/-95.111 χ^2/NDF : 1.5/9

63.938+/-62.314 χ^2/NDF : 4.8/21

39.684+/-82.484 χ^2/NDF : 3.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 176.587 $\pm$ 0.067 χ^2 /NDF: 588950.1/9

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

Right Out: 158.036 $\pm$ 0.058 χ^2 /NDF: 964023.5/11

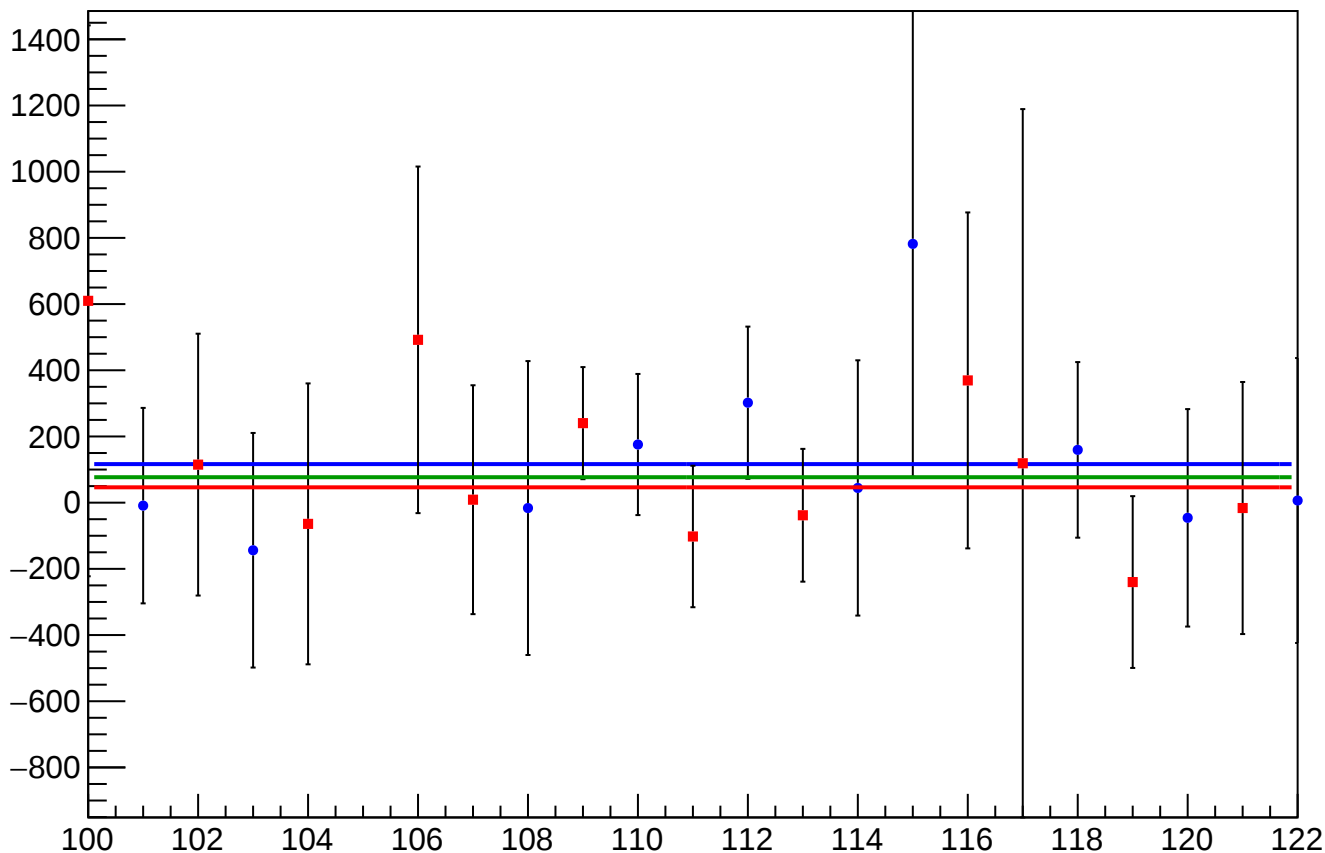
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.587 $\pm$ 0.067 χ^2 /NDF: 588950.1/9

165.999 $\pm$ 0.044 χ^2 /NDF: 1596395.6/21

158.036 $\pm$ 0.058 χ^2 /NDF: 964023.5/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 116.484 $\pm$ 98.523 χ^2/NDF : 2.8/9

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

Right Out: 46.340 $\pm$ 86.550 χ^2/NDF : 4.9/11

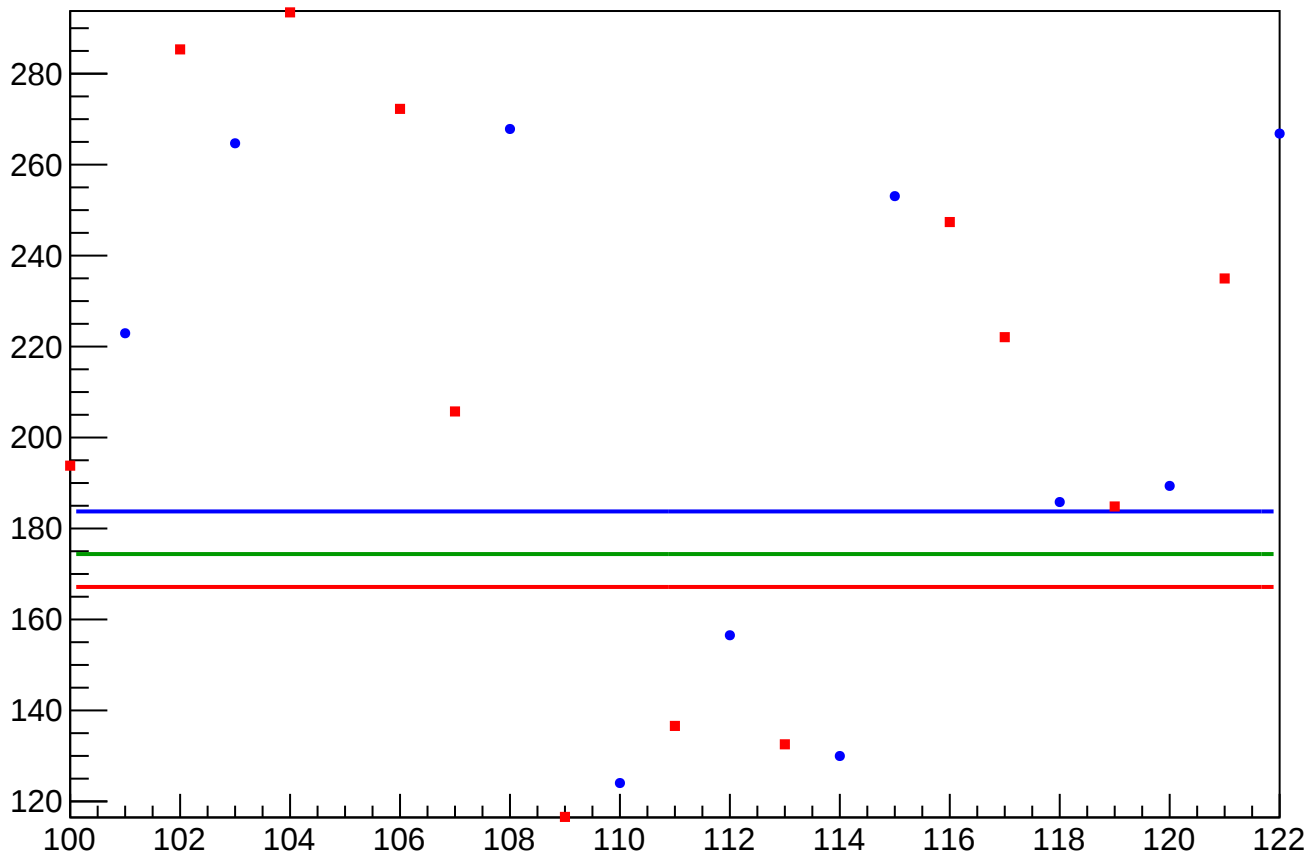
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

116.484 $\pm$ 98.523 χ^2/NDF : 2.8/9

76.893 $\pm$ 65.023 χ^2/NDF : 8.0/21

46.340 $\pm$ 86.550 χ^2/NDF : 4.9/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 183.752 $\pm$ 0.070 χ^2 /NDF: 529618.9/9

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

Right Out: 167.148 $\pm$ 0.061 χ^2 /NDF: 869911.1/11

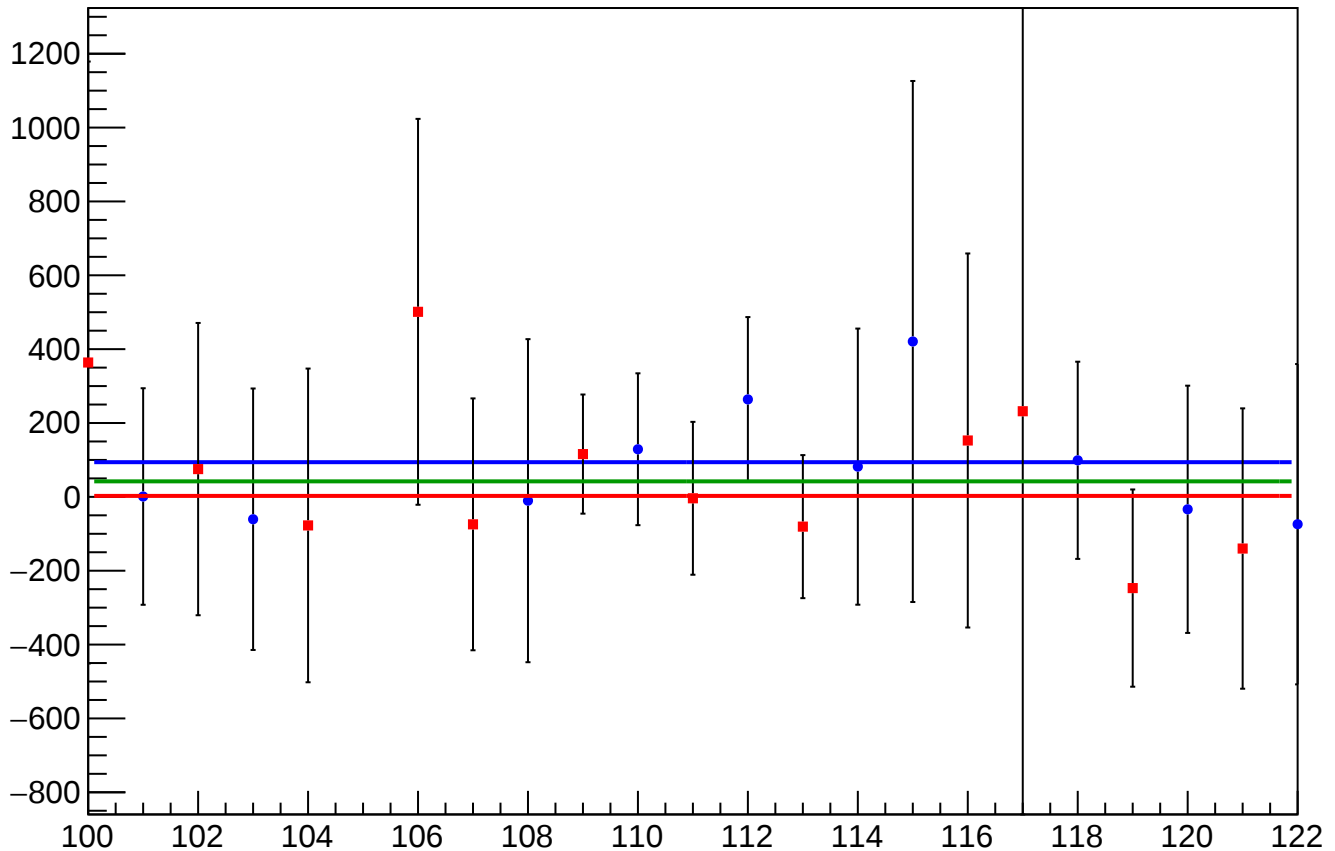
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

183.752 $\pm$ 0.070 χ^2 /NDF: 529618.9/9

174.380 $\pm$ 0.046 χ^2 /NDF: 1431593.9/21

167.148 $\pm$ 0.061 χ^2 /NDF: 869911.1/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 93.924±/-97.111 χ^2/NDF : 1.5/9

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

Right Out: 2.593±/-84.571 χ^2/NDF : 3.1/11

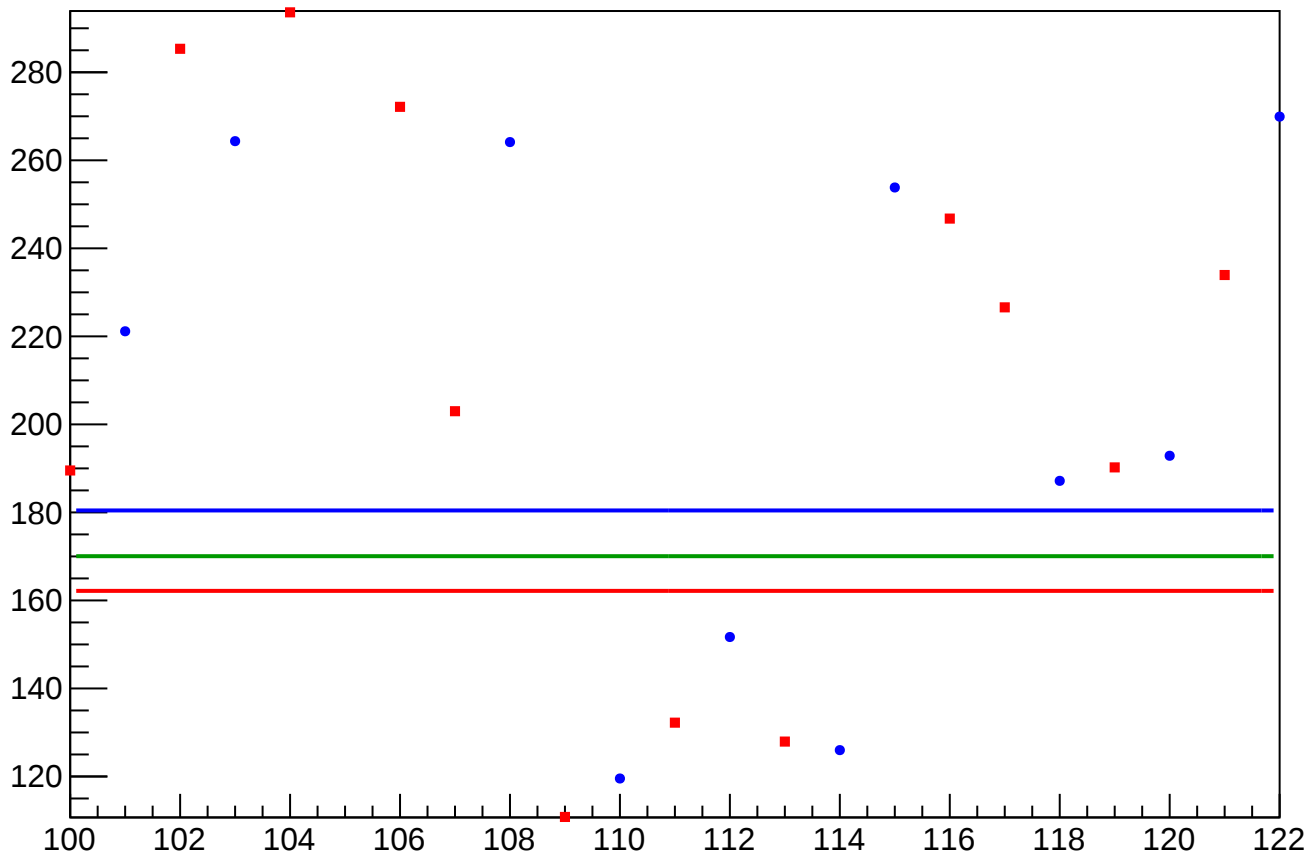
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

93.924±/-97.111 χ^2/NDF : 1.5/9

41.985±/-63.776 χ^2/NDF : 5.0/21

2.593±/-84.571 χ^2/NDF : 3.1/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 180.445+/-0.069 χ^2/NDF : 586099.2/9

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

Right Out: 162.171+/-0.060 χ^2/NDF : 968253.6/11

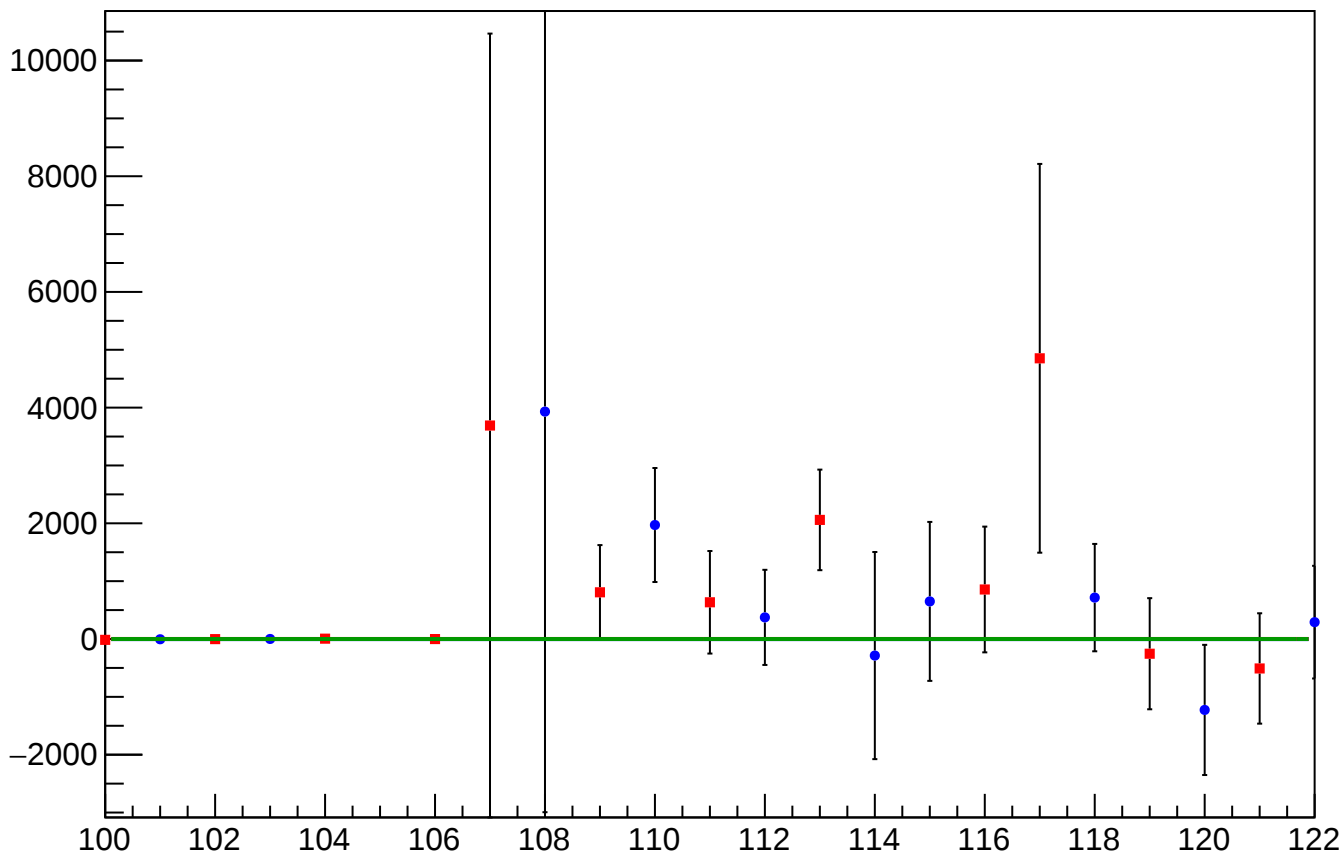
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.445+/-0.069 χ^2/NDF : 586099.2/9

170.053+/-0.045 χ^2/NDF : 1594630.5/21

162.171+/-0.060 χ^2/NDF : 968253.6/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.505+/-2.252 χ^2/NDF : 8.0/9

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

Right Out: 0.735+/-2.111 χ^2/NDF : 16.4/11

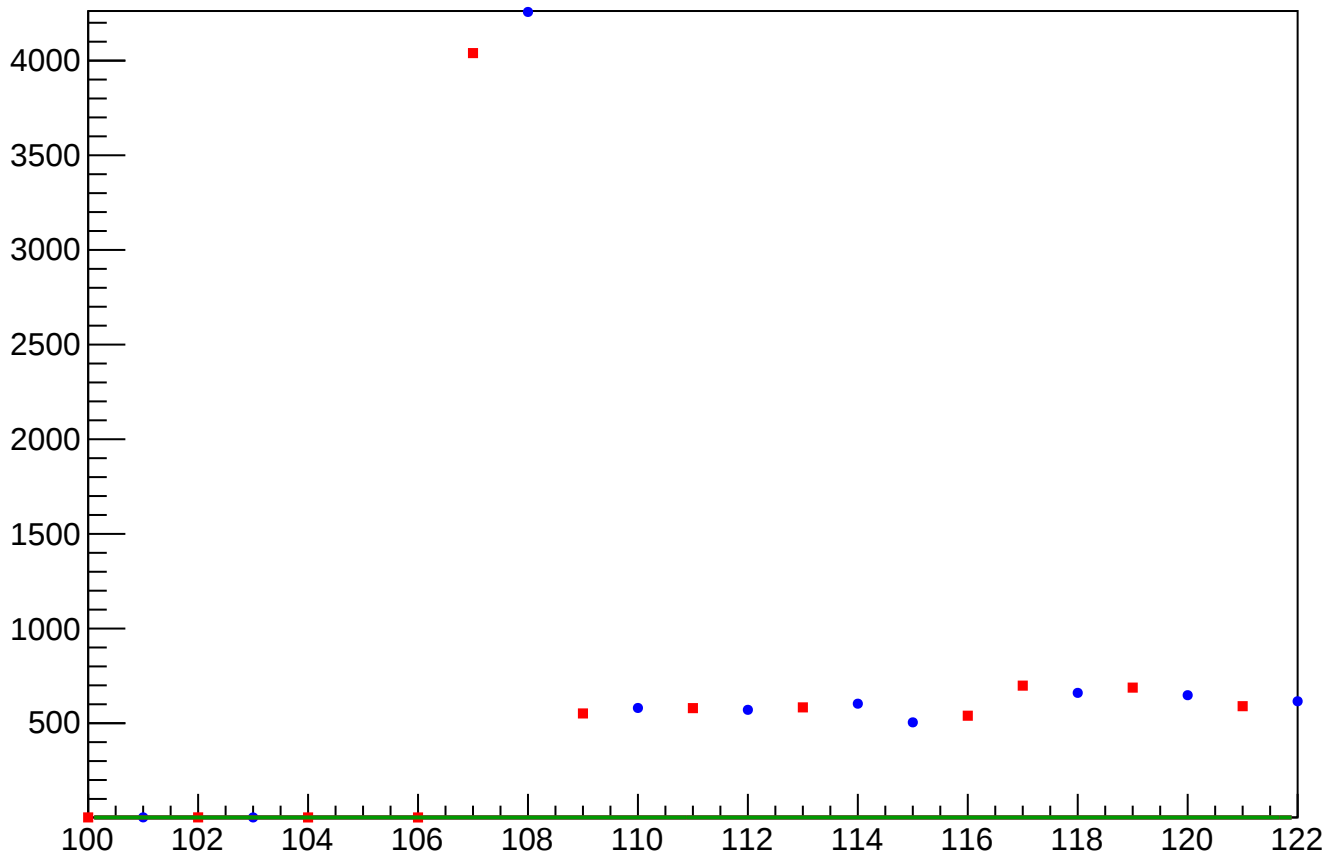
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.505+/-2.252 χ^2/NDF : 8.0/9

-0.313+/-1.540 χ^2/NDF : 24.9/21

0.735+/-2.111 χ^2/NDF : 16.4/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430 $\pm$ 0.002 χ^2 /NDF: 5361244.2/9

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

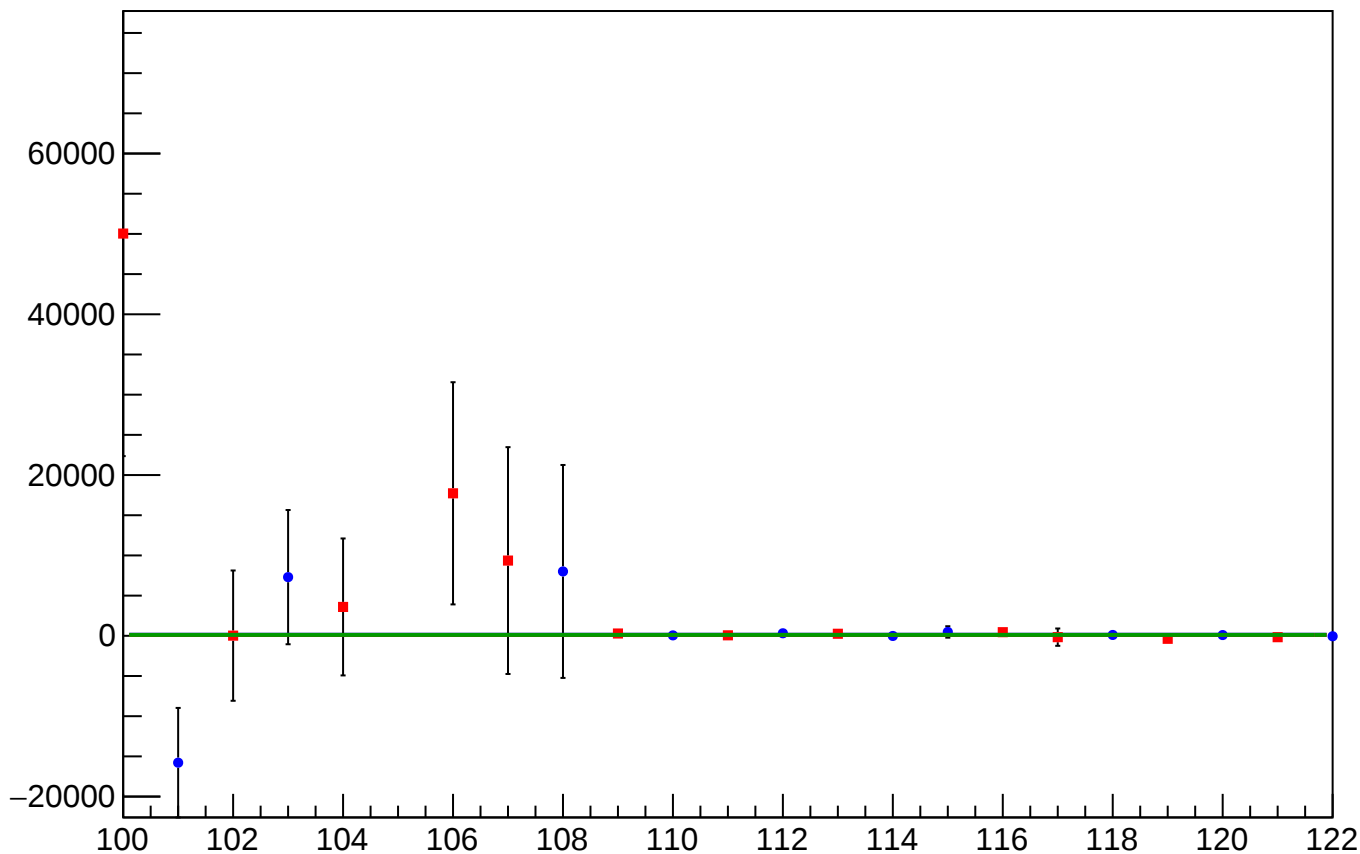
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.430 $\pm$ 0.002 χ^2 /NDF: 5361244.2/9

2.422 $\pm$ 0.001 χ^2 /NDF: 11083665.6/21

2.415 $\pm$ 0.001 χ^2 /NDF: 5722373.1/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 127.665+/-113.895 χ^2/NDF : 8.0/9

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

Right Out: 105.051+/-105.285 χ^2/NDF : 10.5/11

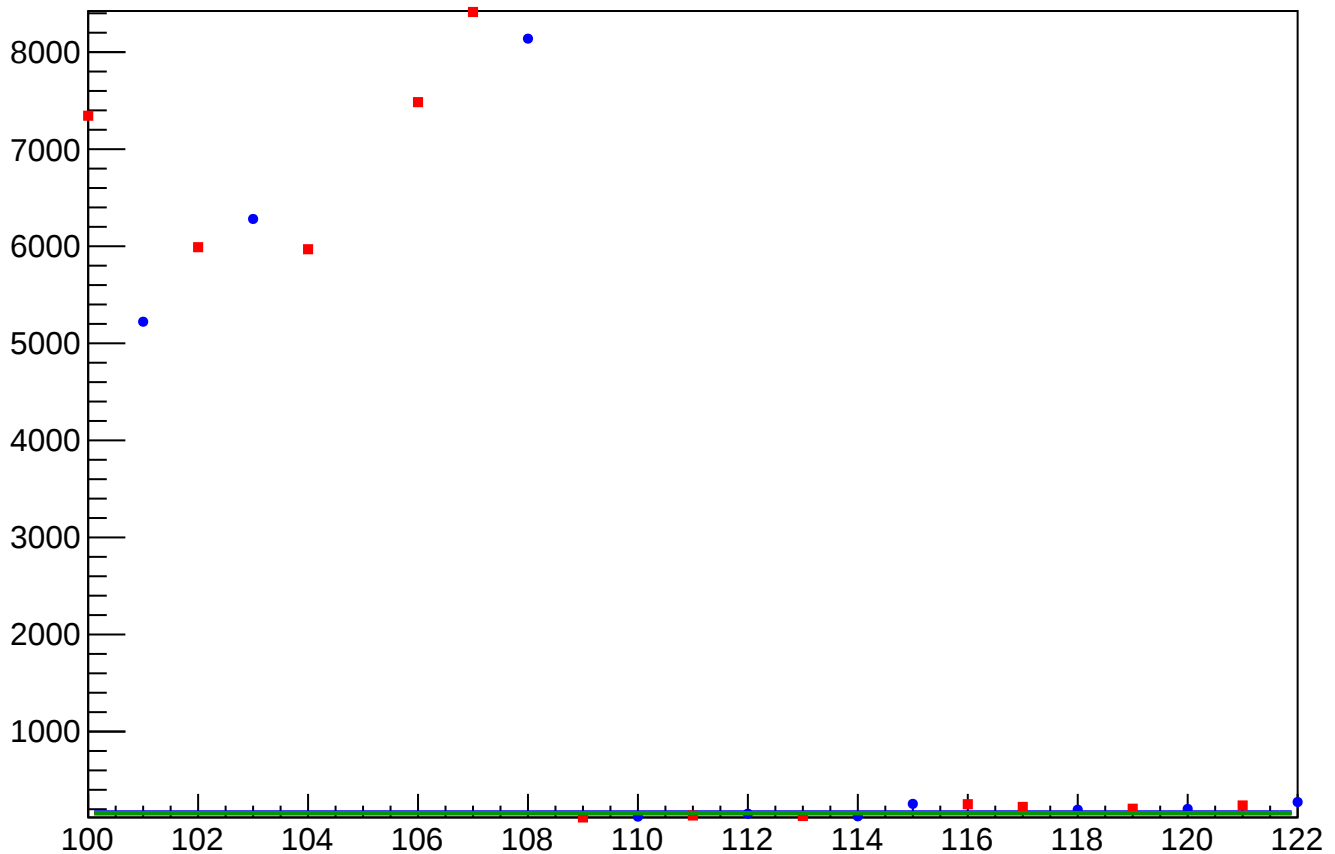
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.665+/-113.895 χ^2/NDF : 8.0/9

115.471+/-77.313 χ^2/NDF : 18.5/21

105.051+/-105.285 χ^2/NDF : 10.5/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 168.474+/-0.081 χ^2/NDF : 3201748.1/9

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

Right Out: 155.223+/-0.074 χ^2/NDF : 3692133.8/11

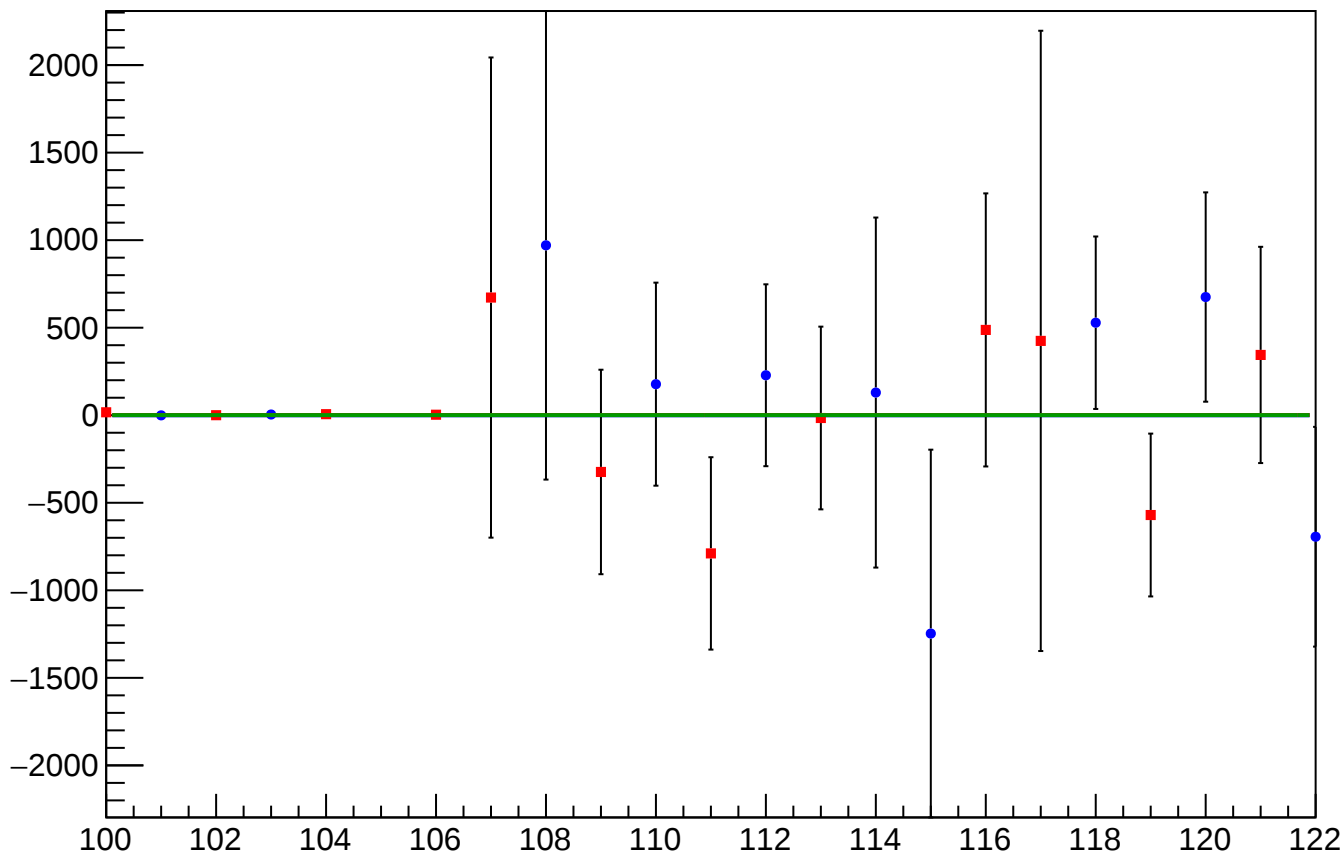
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

168.474+/-0.081 χ^2/NDF : 3201748.1/9

161.329+/-0.055 χ^2/NDF : 6908478.8/21

155.223+/-0.074 χ^2/NDF : 3692133.8/11

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.150+/-1.737 χ^2/NDF : 6.7/9

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

Right Out: 1.323+/-1.623 χ^2/NDF : 7.6/11

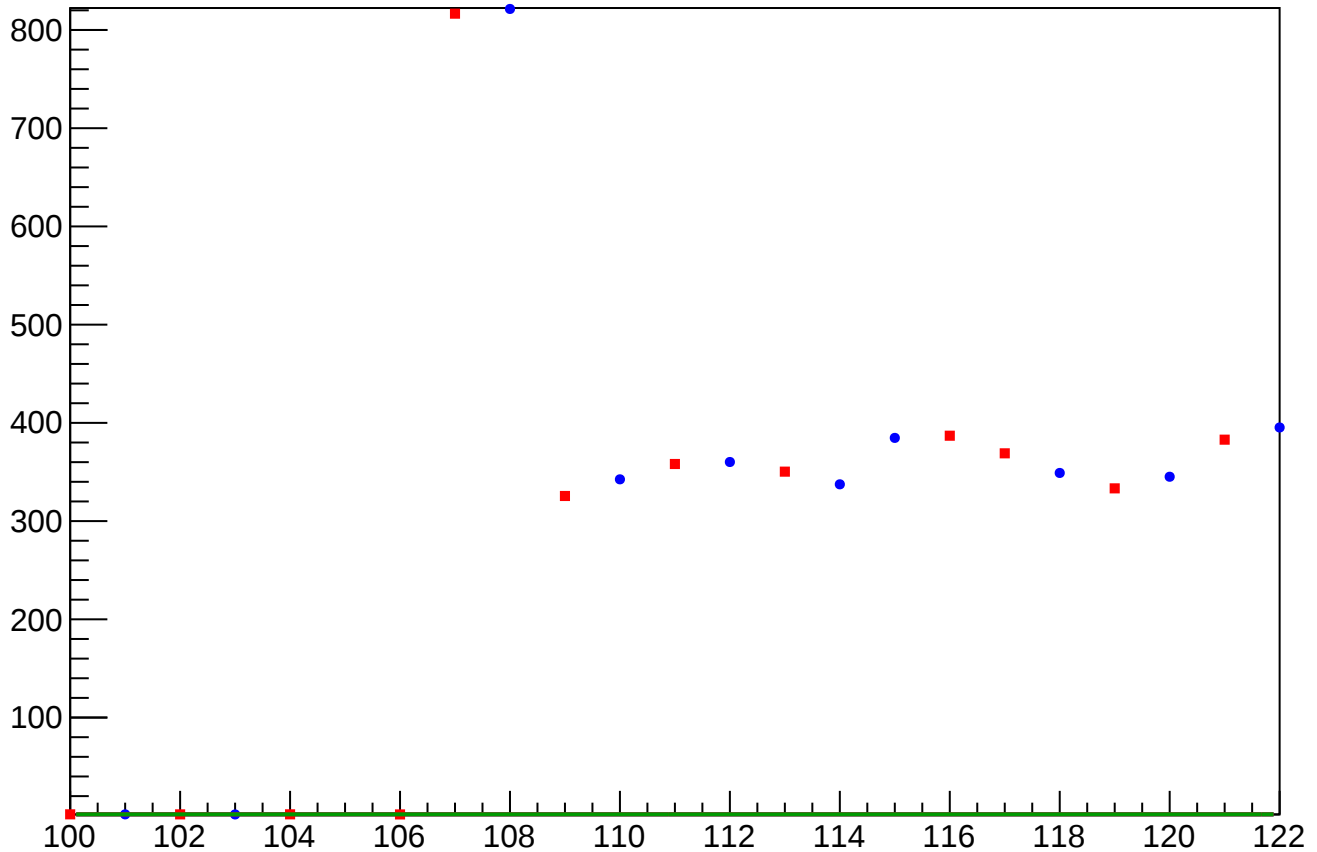
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.150+/-1.737 χ^2/NDF : 6.7/9

0.637+/-1.186 χ^2/NDF : 14.7/21

1.323+/-1.623 χ^2/NDF : 7.6/11

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.432 $\pm$ 0.001 χ^2 /NDF: 5334933.0/9

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

Right Out: 1.433 $\pm$ 0.001 χ^2 /NDF: 5417449.9/11

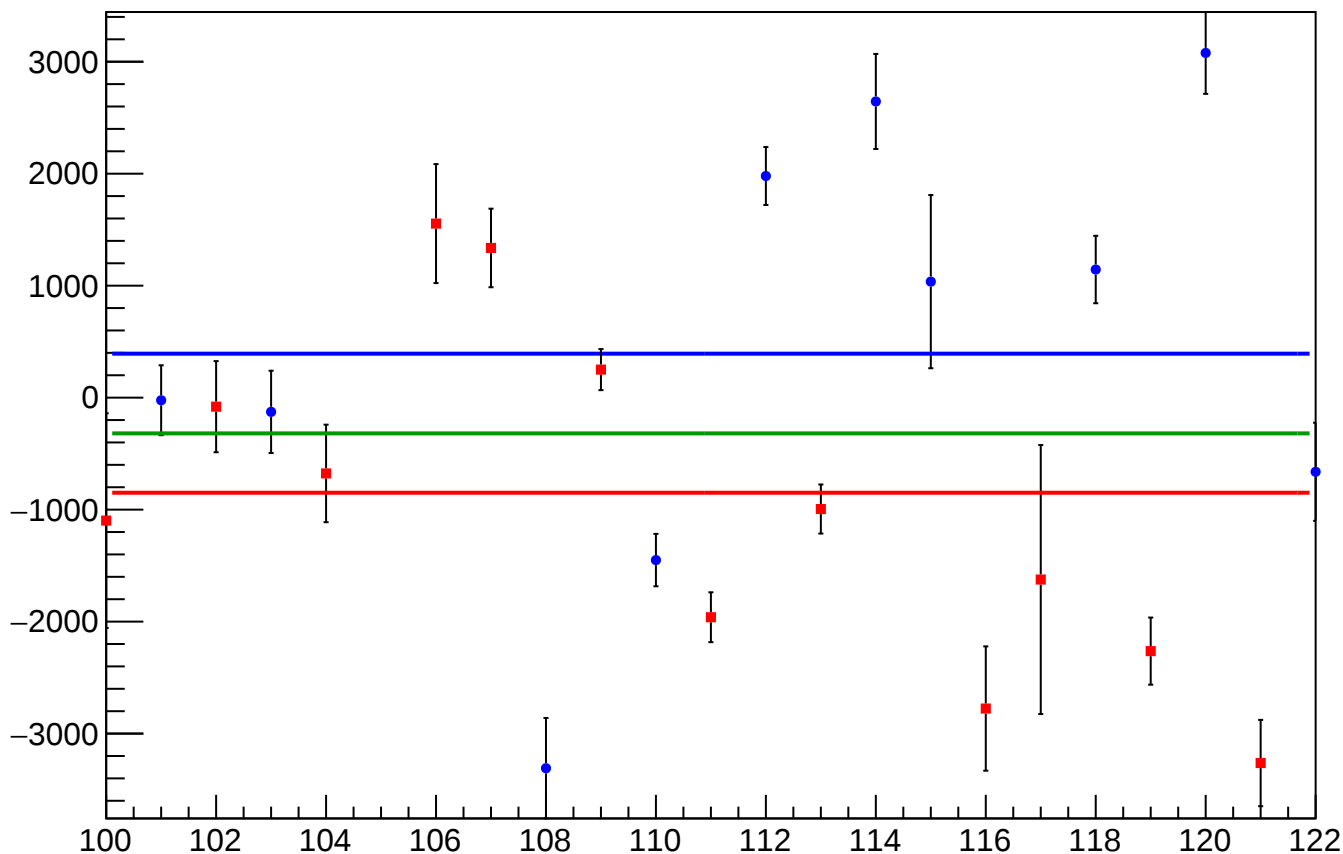
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.432 $\pm$ 0.001 χ^2 /NDF: 5334933.0/9

1.433 $\pm$ 0.001 χ^2 /NDF: 10752383.5/21

1.433 $\pm$ 0.001 χ^2 /NDF: 5417449.9/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 392.786 $\pm$ 107.330 χ^2/NDF : 266.5/9

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

Right Out: -849.030 $\pm$ 92.605 χ^2/NDF : 198.4/11

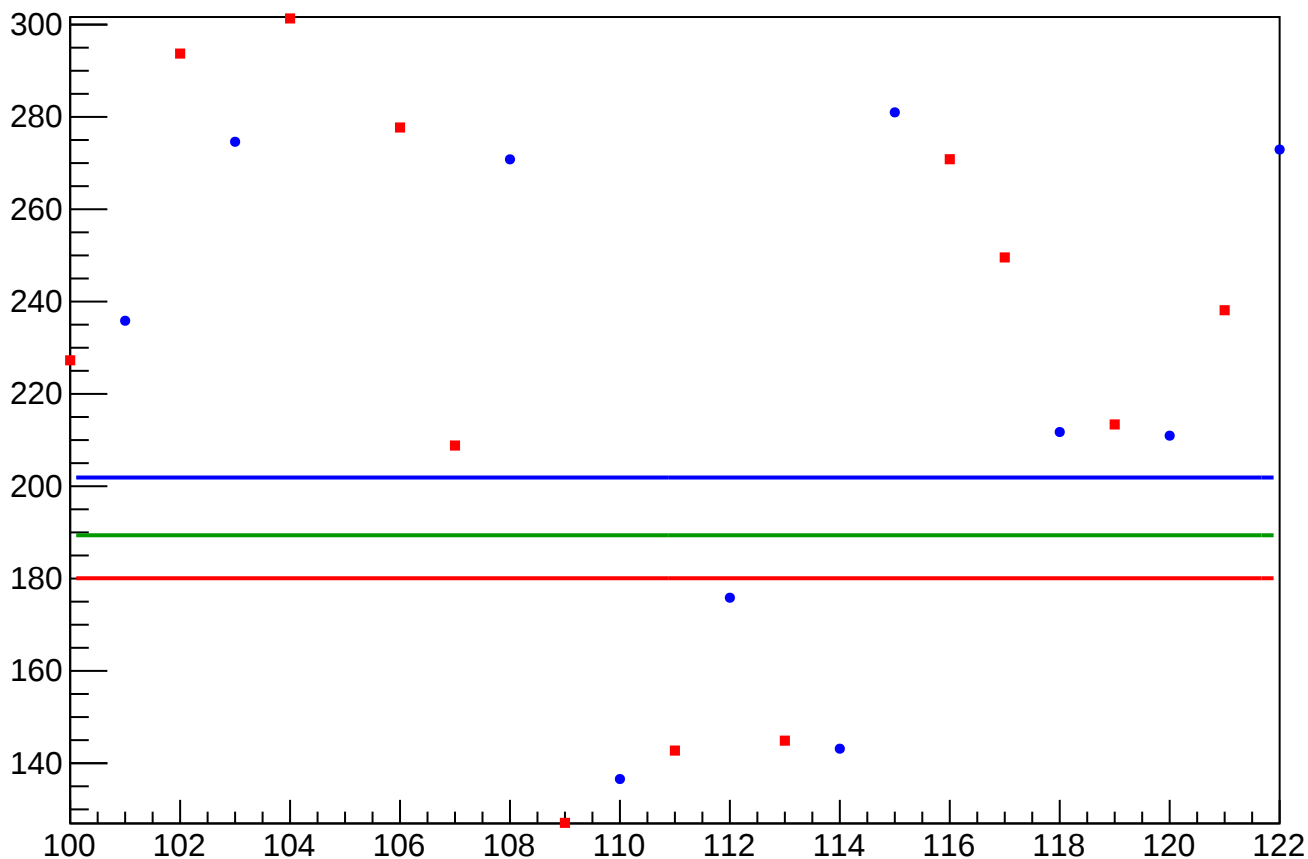
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

392.786 $\pm$ 107.330 χ^2/NDF : 266.5/9

-319.091 $\pm$ 70.114 χ^2/NDF : 541.6/21

-849.030 $\pm$ 92.605 χ^2/NDF : 198.4/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 201.889+/-0.076 χ^2/NDF : 440534.1/9

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

Right Out: 180.069+/-0.065 χ^2/NDF : 802038.6/11

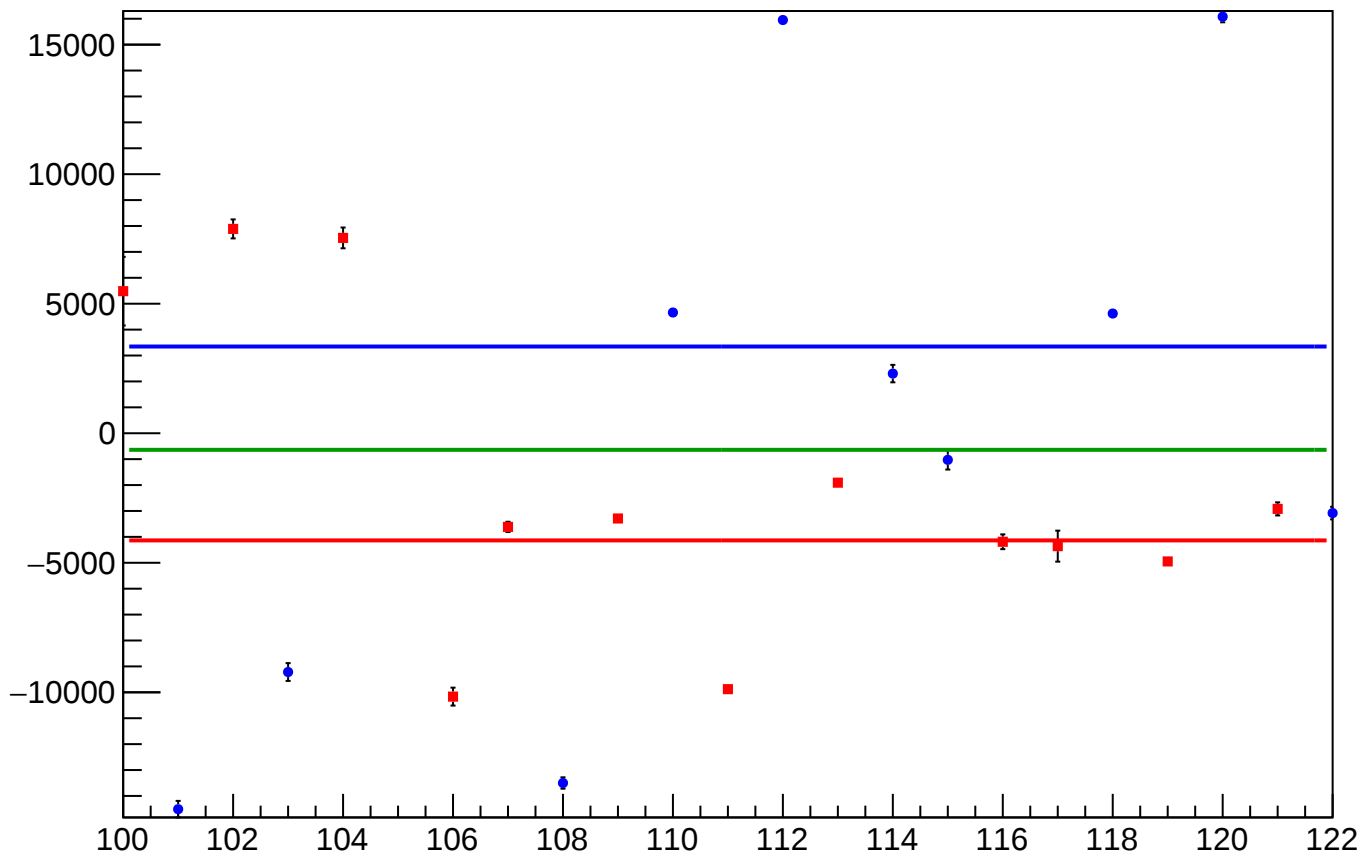
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.889+/-0.076 χ^2/NDF : 440534.1/9

189.381+/-0.050 χ^2/NDF : 1289955.7/21

180.069+/-0.065 χ^2/NDF : 802038.6/11

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3347.556+/-71.347 χ^2/NDF : 20092.8/9

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

Right Out: -4136.515+/-66.807 χ^2/NDF : 3887.5/11

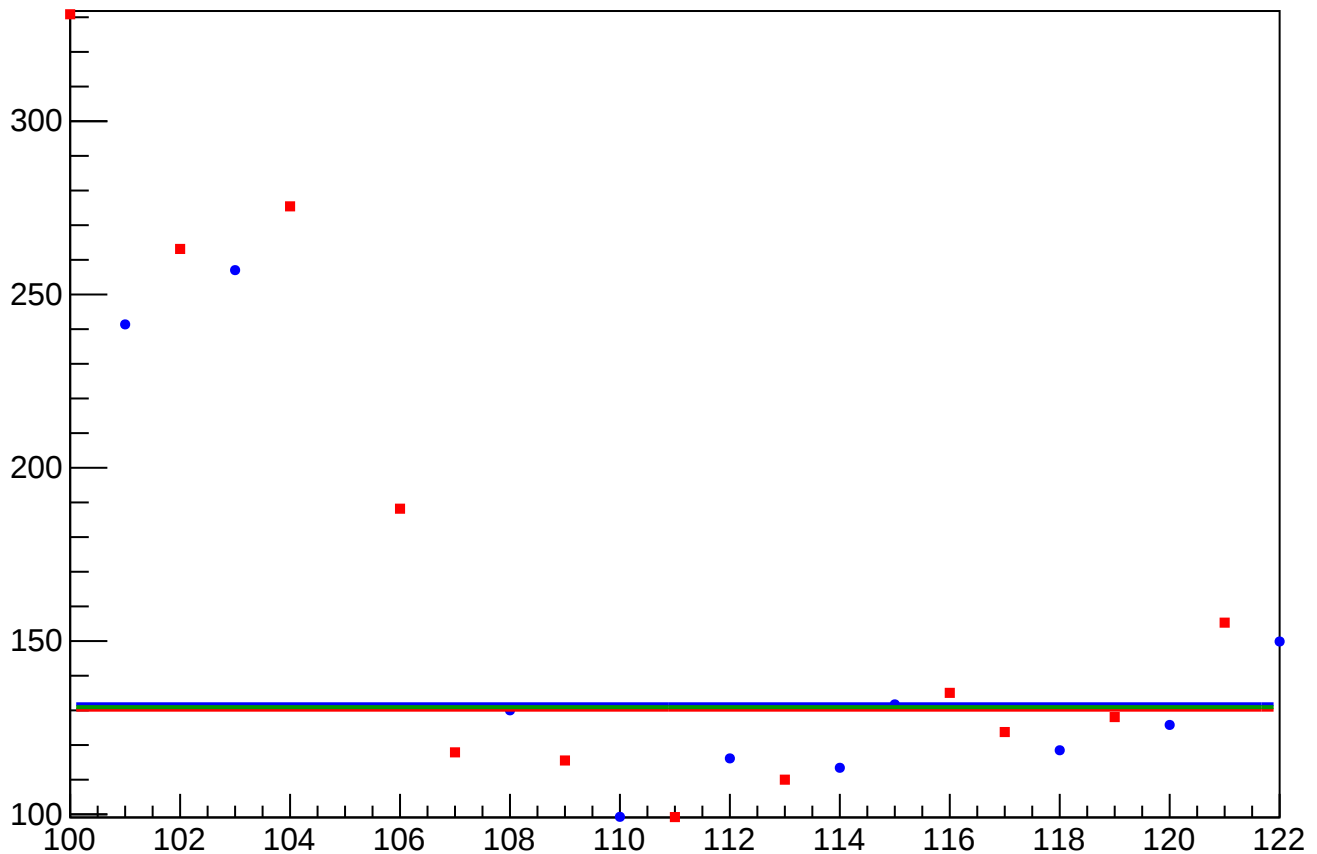
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3347.556+/-71.347 χ^2/NDF : 20092.8/9

-640.152+/-48.766 χ^2/NDF : 29843.1/21

-4136.515+/-66.807 χ^2/NDF : 3887.5/11

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 131.761+/-0.050 χ^2/NDF : 619878.9/9

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

Right Out: 130.202+/-0.047 χ^2/NDF : 780229.1/11

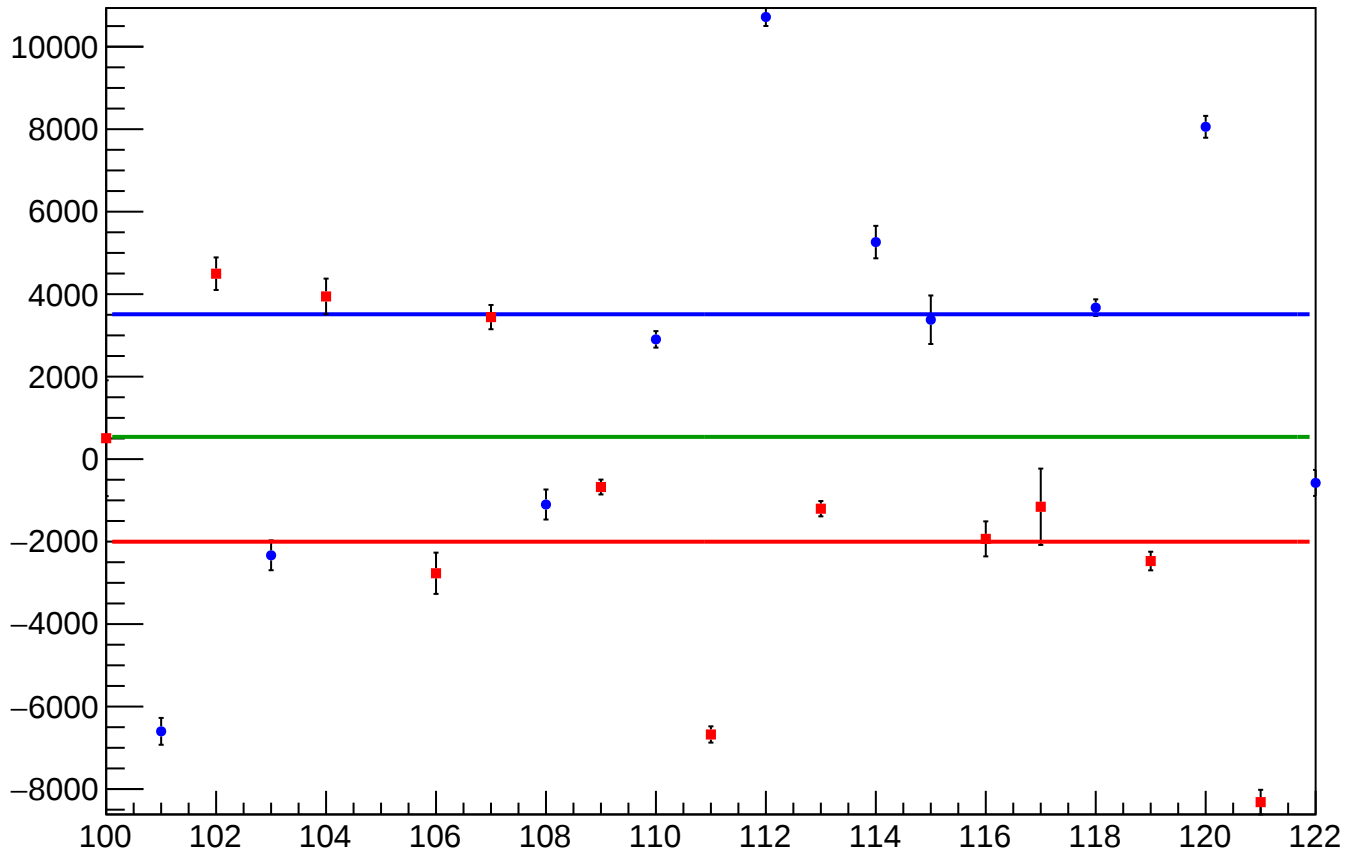
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

131.761+/-0.050 χ^2/NDF : 619878.9/9

130.930+/-0.034 χ^2/NDF : 1400616.6/21

130.202+/-0.047 χ^2/NDF : 780229.1/11

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3512.436+/-88.035 χ^2/NDF : 2974.2/9

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

Right Out: -2002.196+/-81.391 χ^2/NDF : 1895.9/11

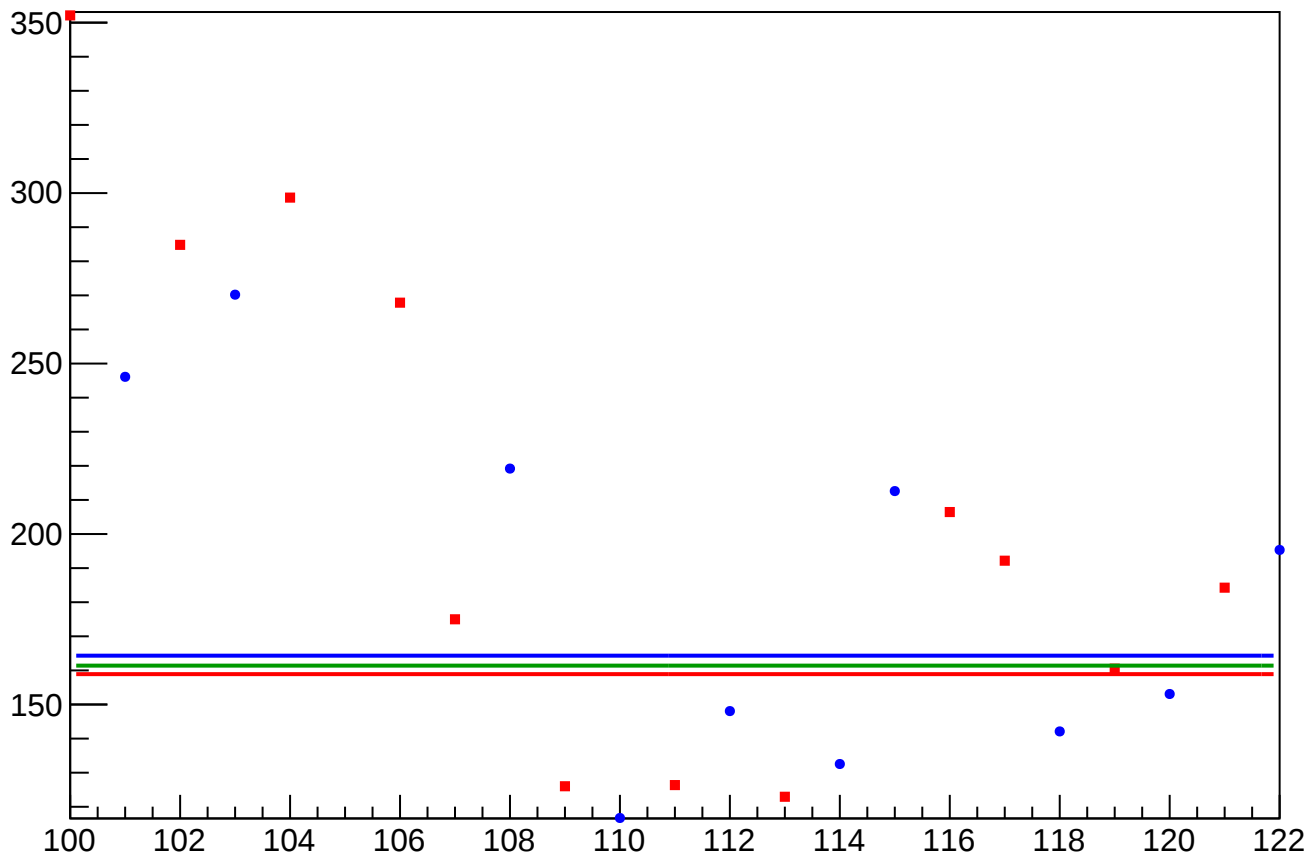
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3512.436+/-88.035 χ^2/NDF : 2974.2/9

539.189+/-59.763 χ^2/NDF : 6985.6/21

-2002.196+/-81.391 χ^2/NDF : 1895.9/11

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 164.322+/-0.062 χ^2/NDF : 541969.8/9

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

Right Out: 158.907+/-0.058 χ^2/NDF : 789824.0/11

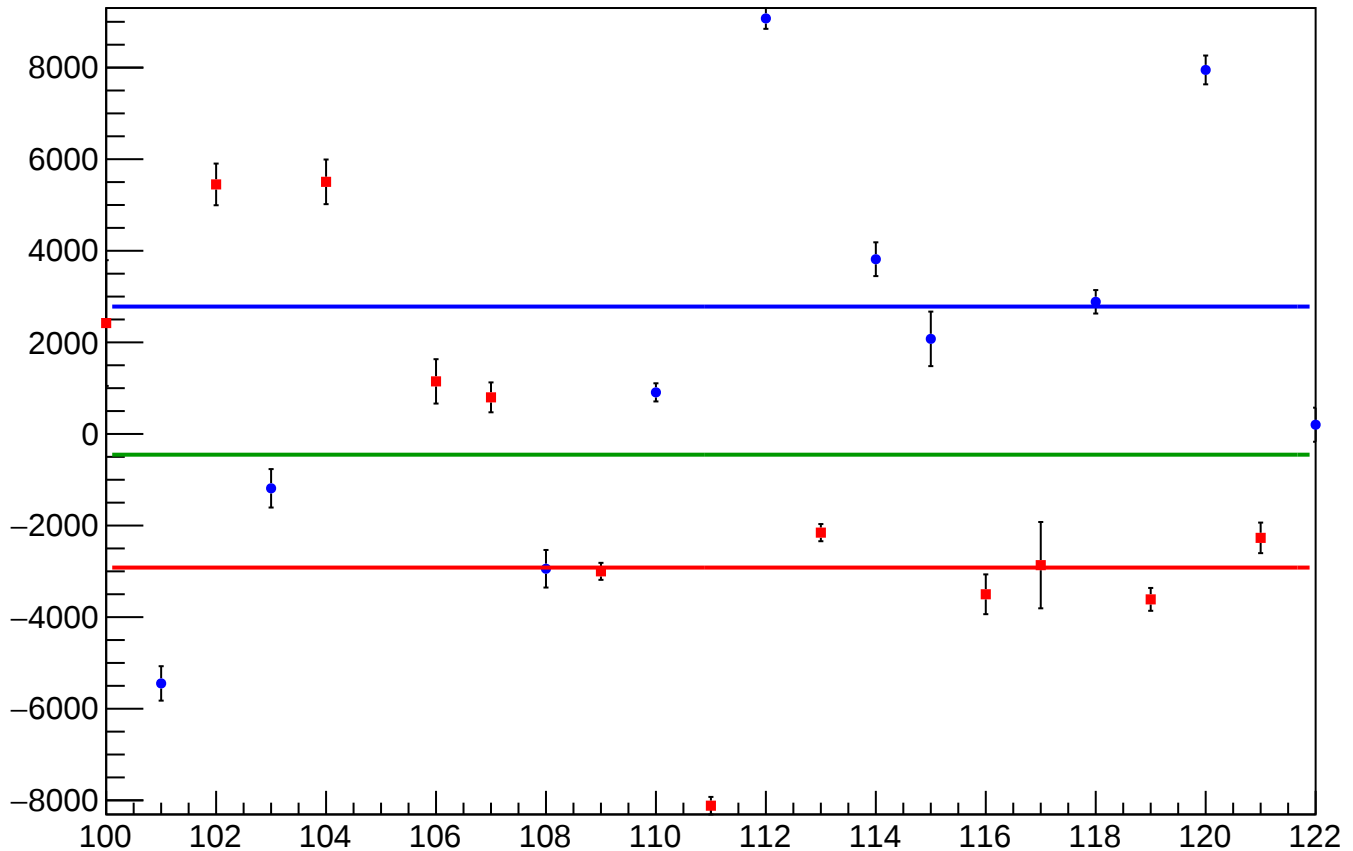
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.322+/-0.062 χ^2/NDF : 541969.8/9

161.403+/-0.042 χ^2/NDF : 1335874.5/21

158.907+/-0.058 χ^2/NDF : 789824.0/11

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2781.823 $\pm$ 97.004 χ^2/NDF : 1946.0/9

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

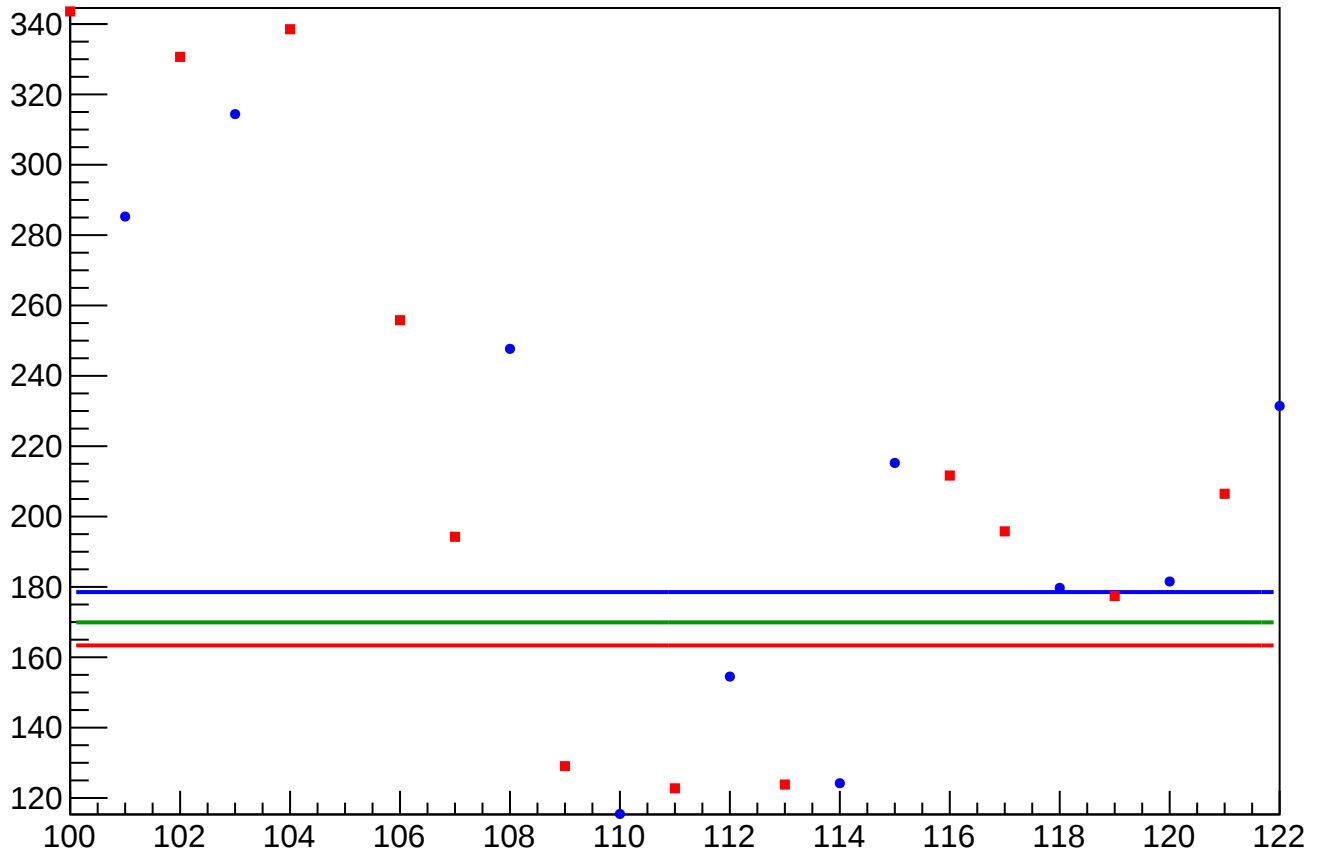
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2781.823 $\pm$ 97.004 χ^2/NDF : 1946.0/9

-452.503 $\pm$ 63.796 χ^2/NDF : 5524.5/21

-2917.555 $\pm$ 84.686 χ^2/NDF : 1619.5/11

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 178.533+/-0.069 χ^2/NDF : 744246.1/9

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

Right Out: 163.362+/-0.060 χ^2/NDF : 967928.2/11

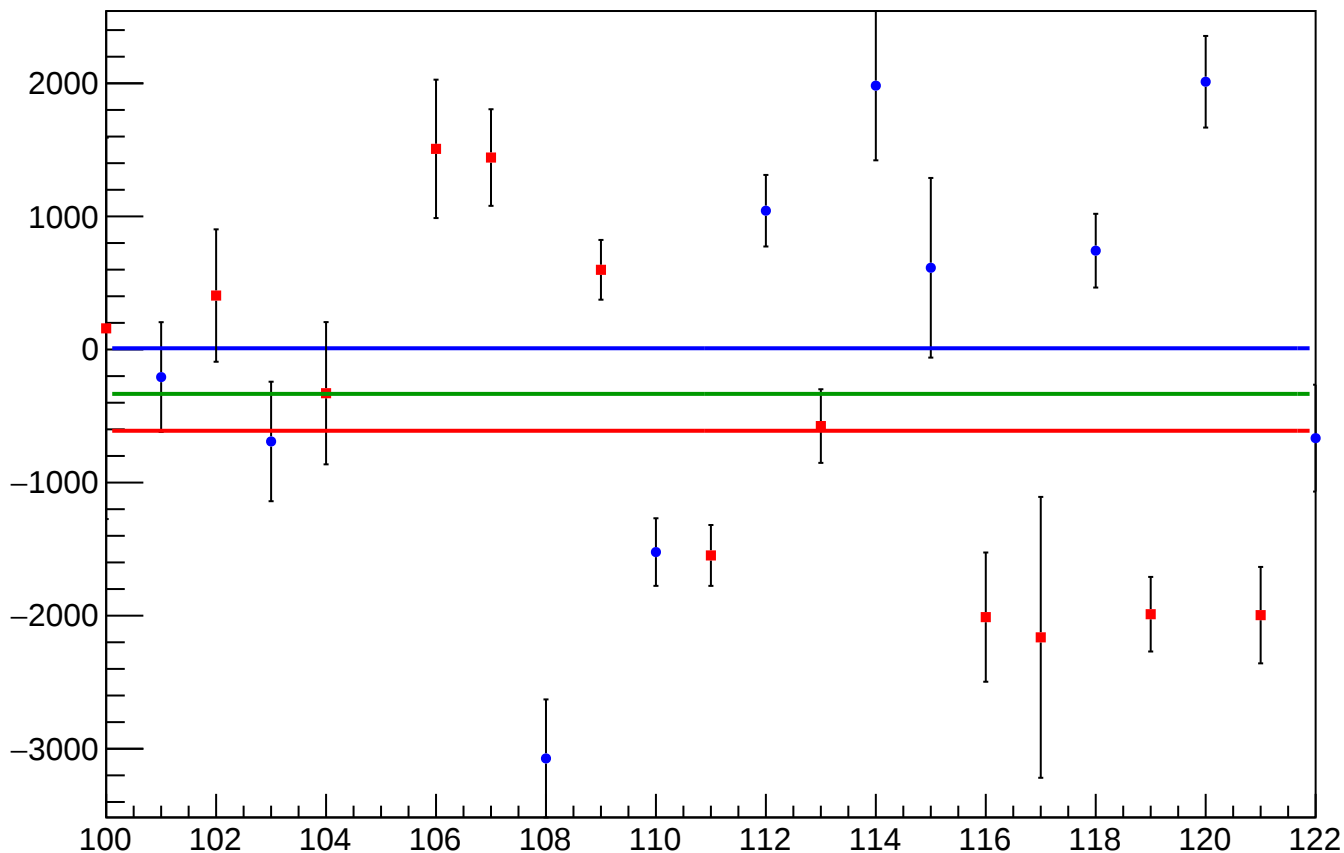
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

178.533+/-0.069 χ^2/NDF : 744246.1/9

169.924+/-0.045 χ^2/NDF : 1739936.8/21

163.362+/-0.060 χ^2/NDF : 967928.2/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 9.230+/-113.004 χ^2/NDF : 159.0/9

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

Right Out: -610.716+/-101.619 χ^2/NDF : 148.4/11

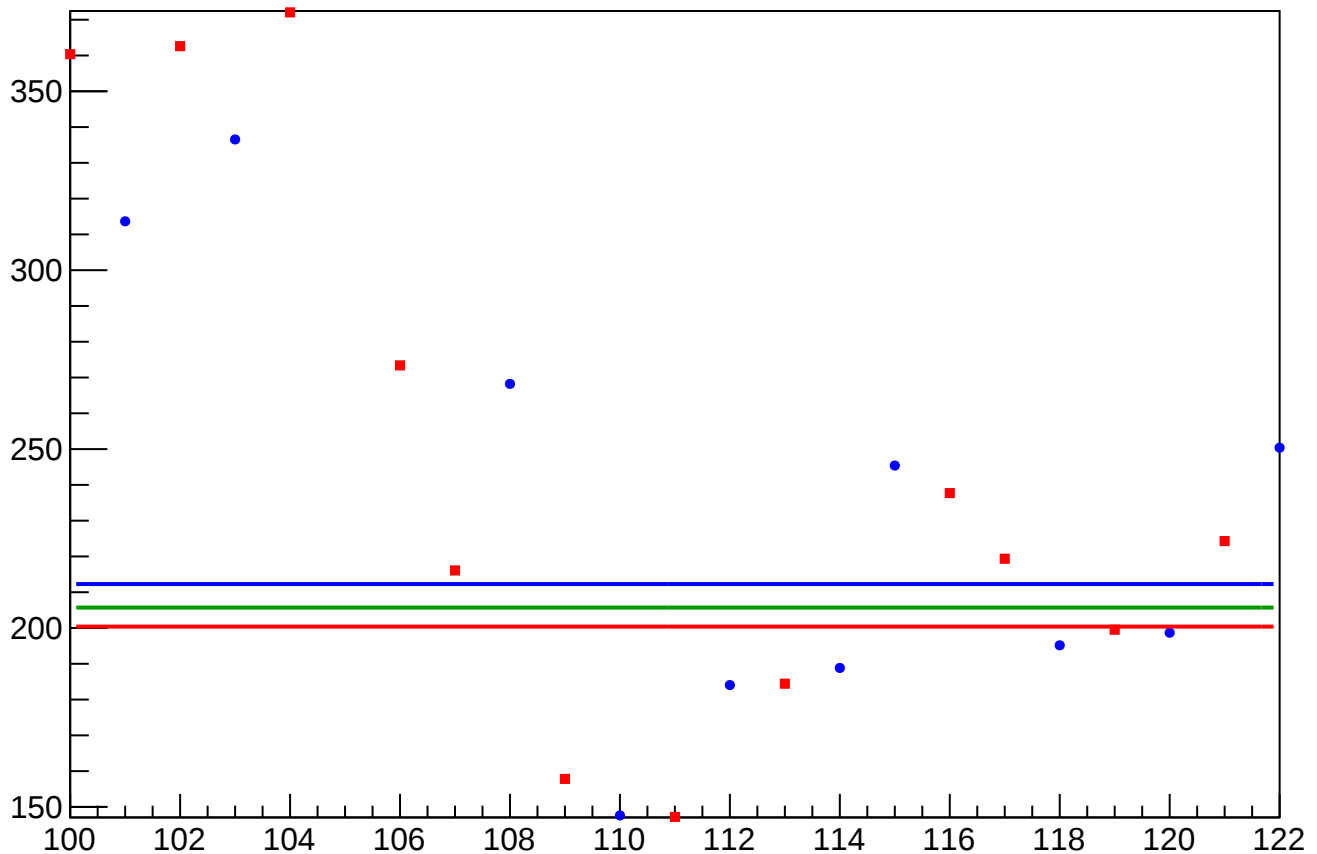
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.230+/-113.004 χ^2/NDF : 159.0/9

-333.537+/-75.561 χ^2/NDF : 324.1/21

-610.716+/-101.619 χ^2/NDF : 148.4/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.284 ± 0.080 $\chi^2/\text{NDF}: 494559.5/9$

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

Right Out: 200.396 ± 0.072 $\chi^2/\text{NDF}: 694949.0/11$

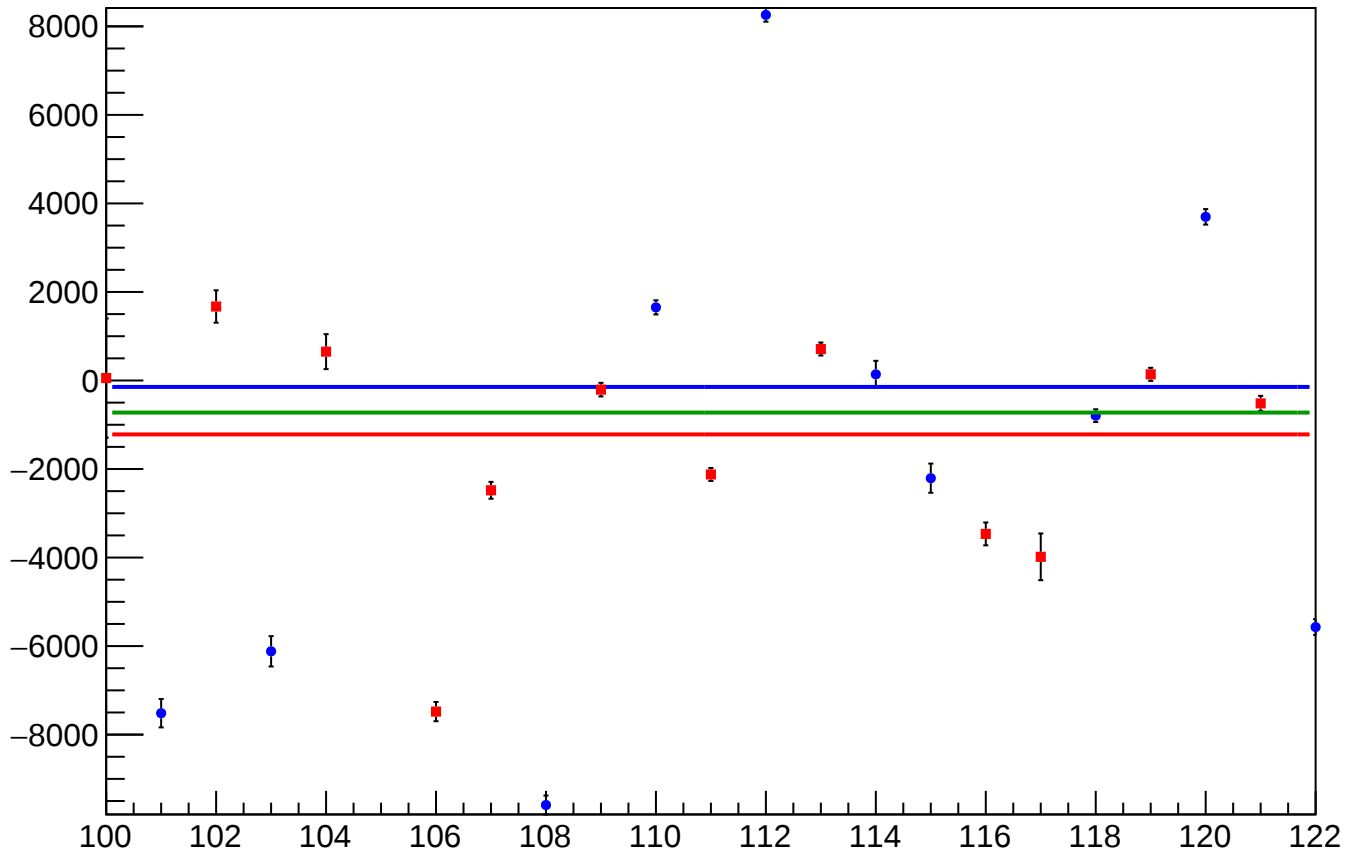
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

212.284 ± 0.080 $\chi^2/\text{NDF}: 494559.5/9$

205.711 ± 0.053 $\chi^2/\text{NDF}: 1201747.6/21$

200.396 ± 0.072 $\chi^2/\text{NDF}: 694949.0/11$

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -145.430+/-62.861 χ^2/NDF : 7337.2/9

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

Right Out: -1218.355+/-58.031 χ^2/NDF : 1414.1/11

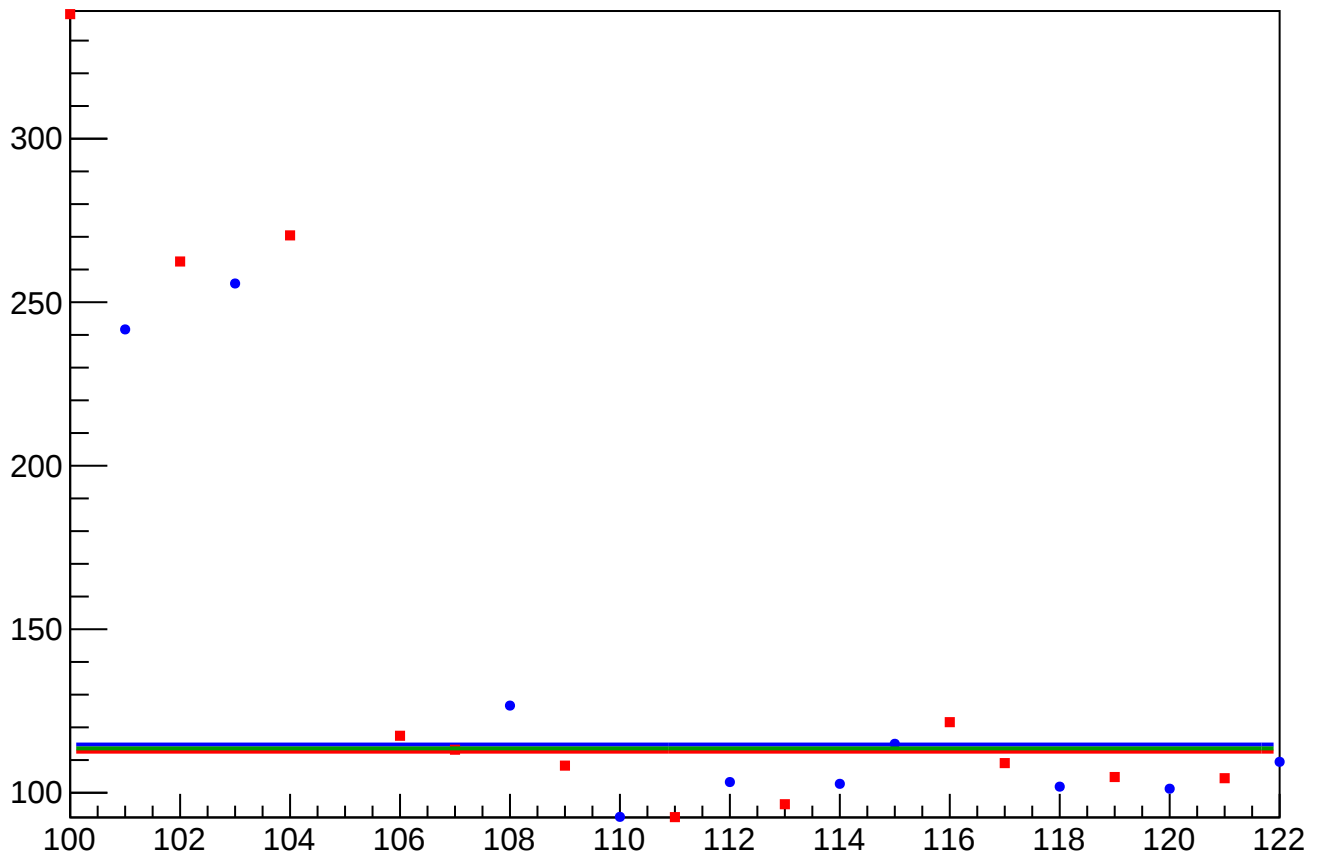
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-145.430+/-62.861 χ^2/NDF : 7337.2/9

-724.697+/-42.640 χ^2/NDF : 8908.6/21

-1218.355+/-58.031 χ^2/NDF : 1414.1/11

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 114.739+/-0.044 χ^2/NDF : 739883.0/9

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

Right Out: 112.570+/-0.041 χ^2/NDF : 787214.2/11

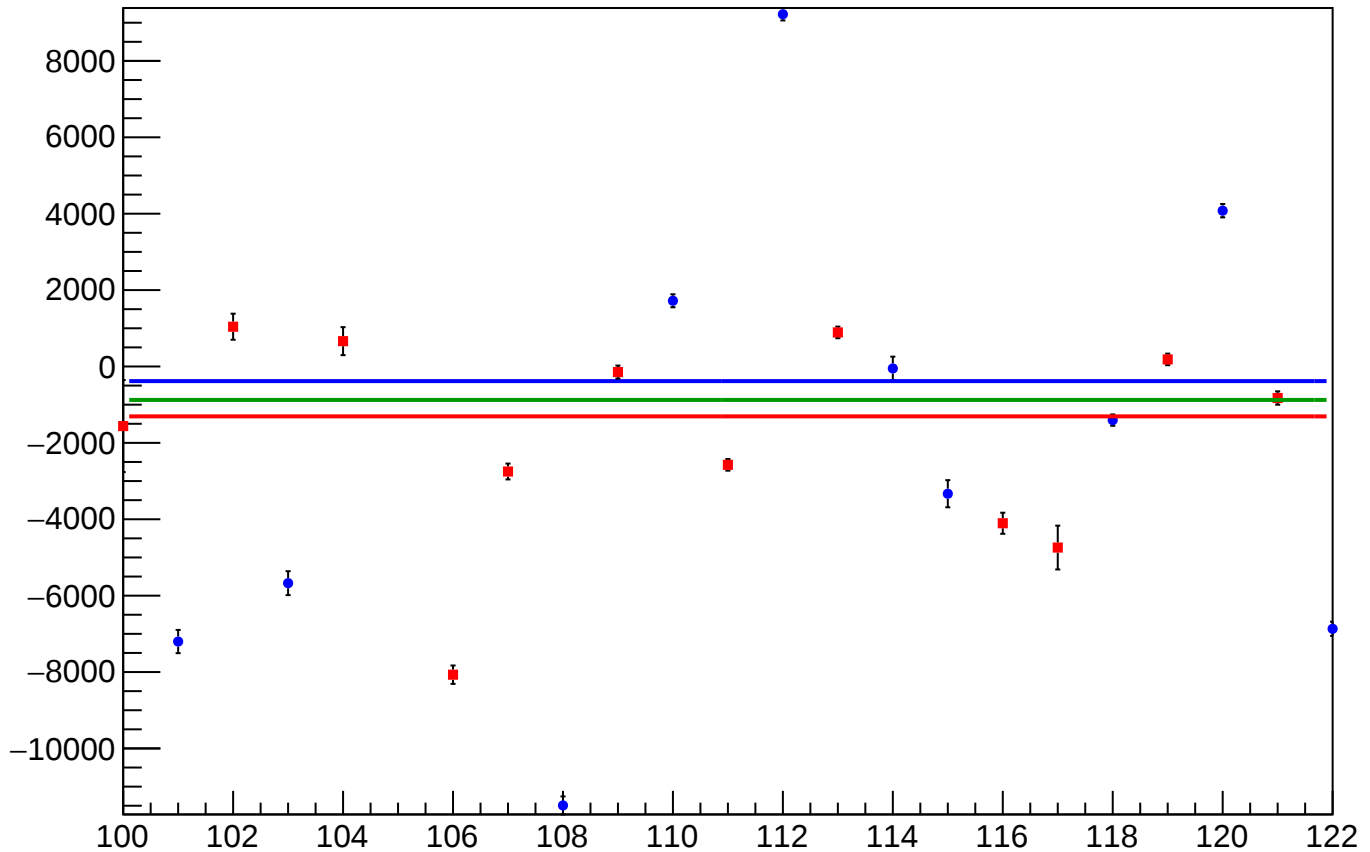
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

114.739+/-0.044 χ^2/NDF : 739883.0/9

113.568+/-0.030 χ^2/NDF : 1528383.3/21

112.570+/-0.041 χ^2/NDF : 787214.2/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -383.110+/-64.996 χ^2/NDF : 8611.8/9

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

Right Out: -1306.371+/-60.763 χ^2/NDF : 1483.1/11

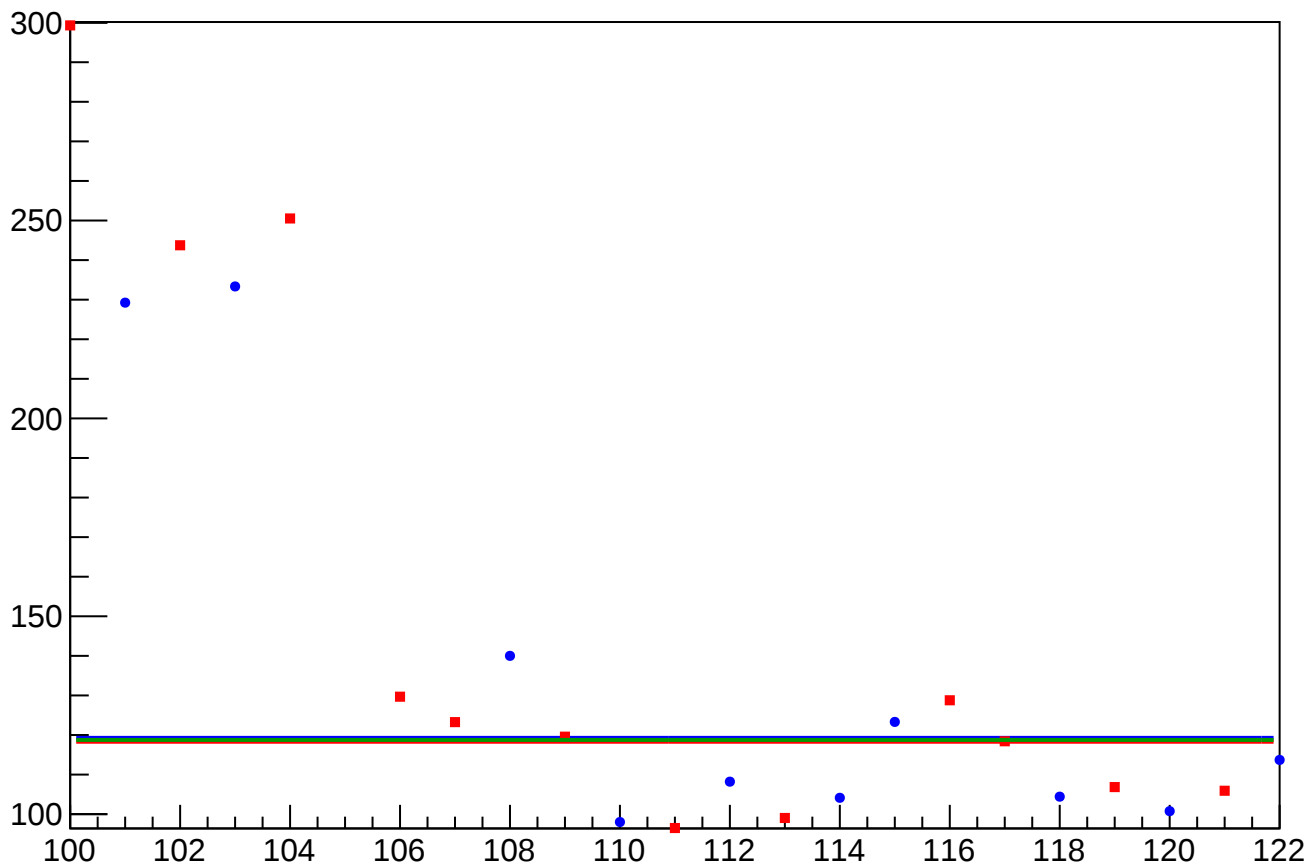
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-383.110+/-64.996 χ^2/NDF : 8611.8/9

-875.783+/-44.387 χ^2/NDF : 10202.6/21

-1306.371+/-60.763 χ^2/NDF : 1483.1/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.279+/-0.046 χ^2/NDF : 632002.6/9

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

Right Out: 118.304+/-0.043 χ^2/NDF : 679269.2/11

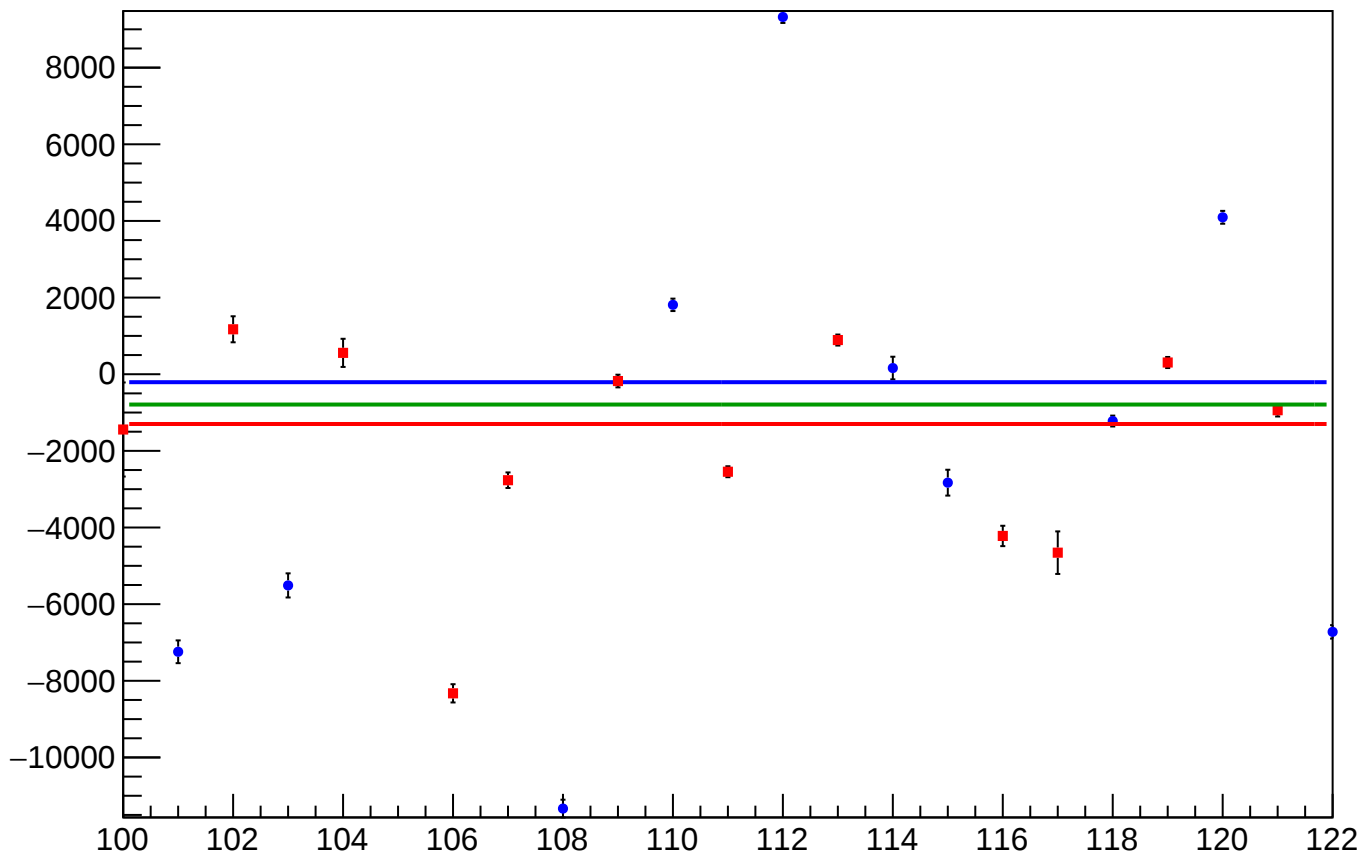
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.279+/-0.046 χ^2/NDF : 632002.6/9

118.759+/-0.031 χ^2/NDF : 1311511.9/21

118.304+/-0.043 χ^2/NDF : 679269.2/11

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -207.970+/-62.326 χ^2/NDF : 9200.9/9

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

Right Out: -1298.918+/-58.158 χ^2/NDF : 1642.0/11

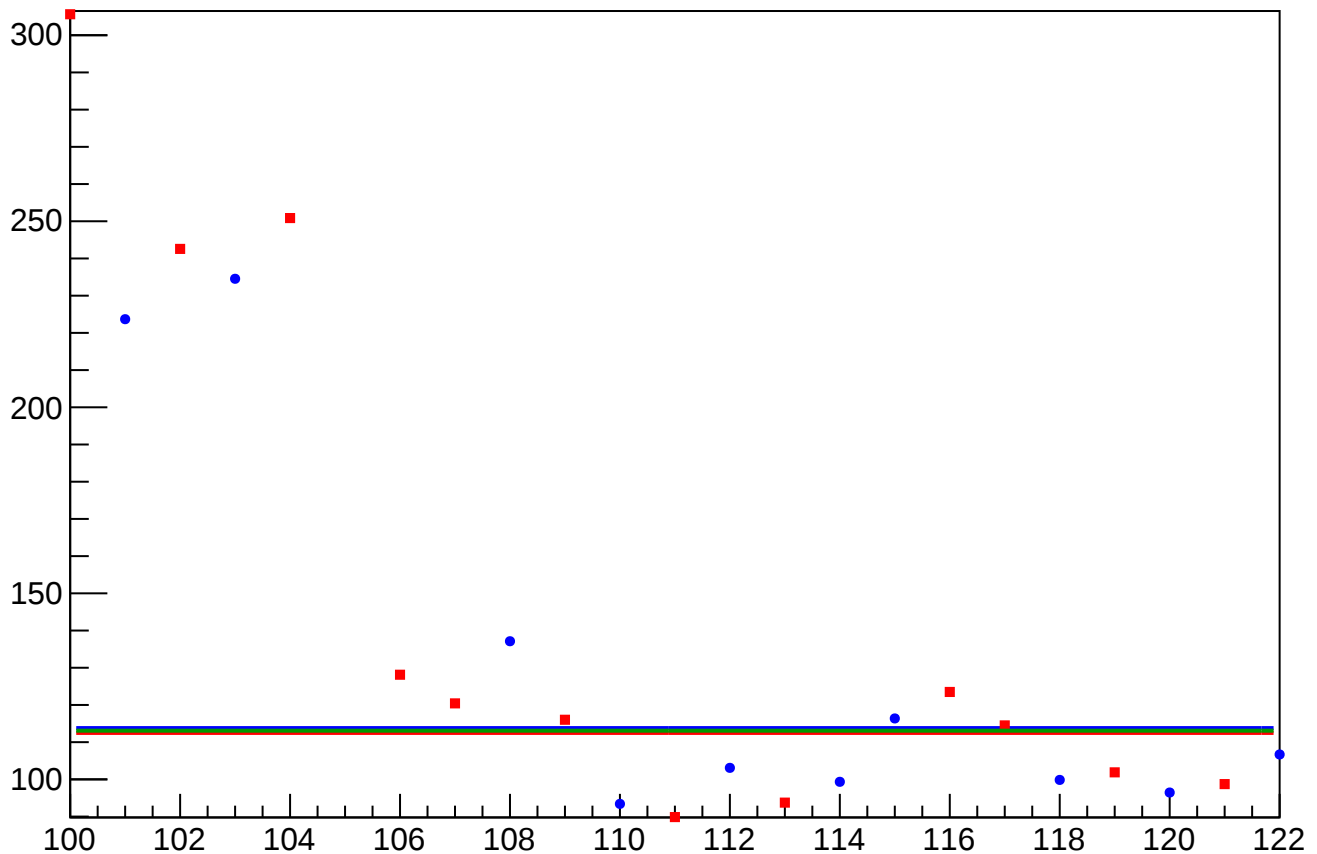
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-207.970+/-62.326 χ^2/NDF : 9200.9/9

-791.140+/-42.521 χ^2/NDF : 11006.7/21

-1298.918+/-58.158 χ^2/NDF : 1642.0/11

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.784 $\pm$ 0.044 χ^2 /NDF: 677900.1/9

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

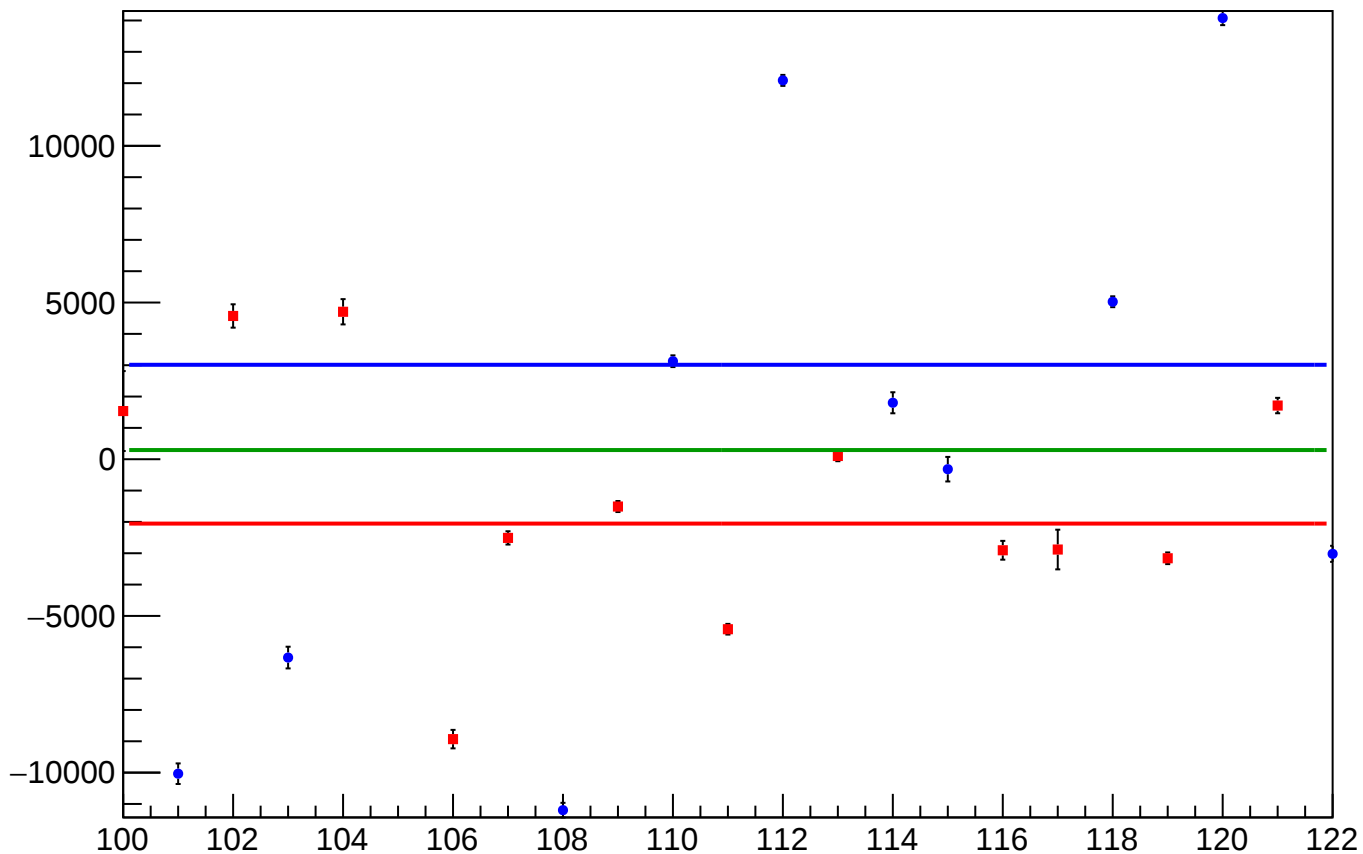
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.784 $\pm$ 0.044 χ^2 /NDF: 677900.1/9

113.090 $\pm$ 0.030 χ^2 /NDF: 1430788.5/21

112.485 $\pm$ 0.041 χ^2 /NDF: 752423.9/11

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 3013.494+/-74.351 χ^2/NDF : 11896.8/9

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

Right Out: -2053.744+/-69.058 χ^2/NDF : 2002.5/11

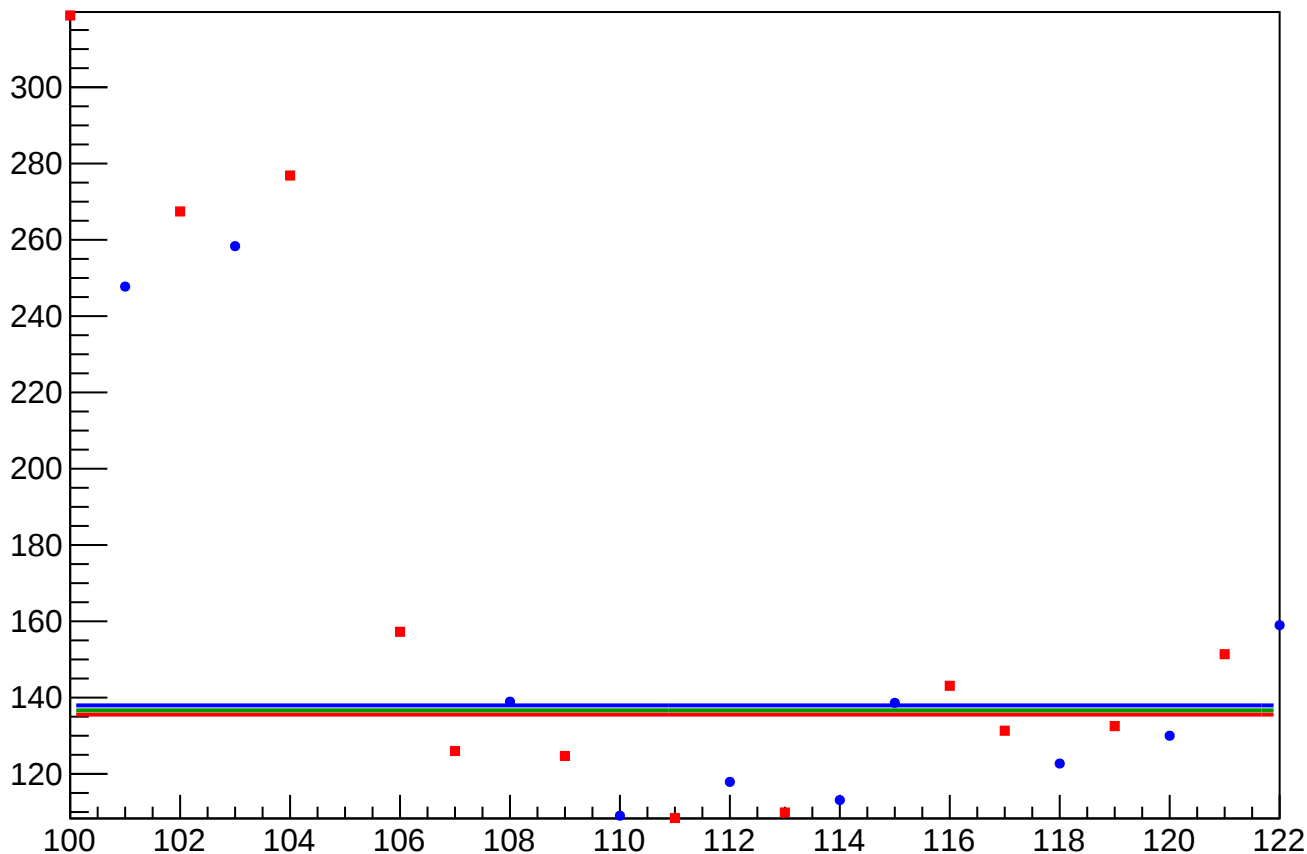
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3013.494+/-74.351 χ^2/NDF : 11896.8/9

293.117+/-50.599 χ^2/NDF : 16392.9/21

-2053.744+/-69.058 χ^2/NDF : 2002.5/11

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 137.952 $\pm$ 0.053 χ^2 /NDF: 581715.9/9

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

Right Out: 135.552 $\pm$ 0.049 χ^2 /NDF: 667769.3/11

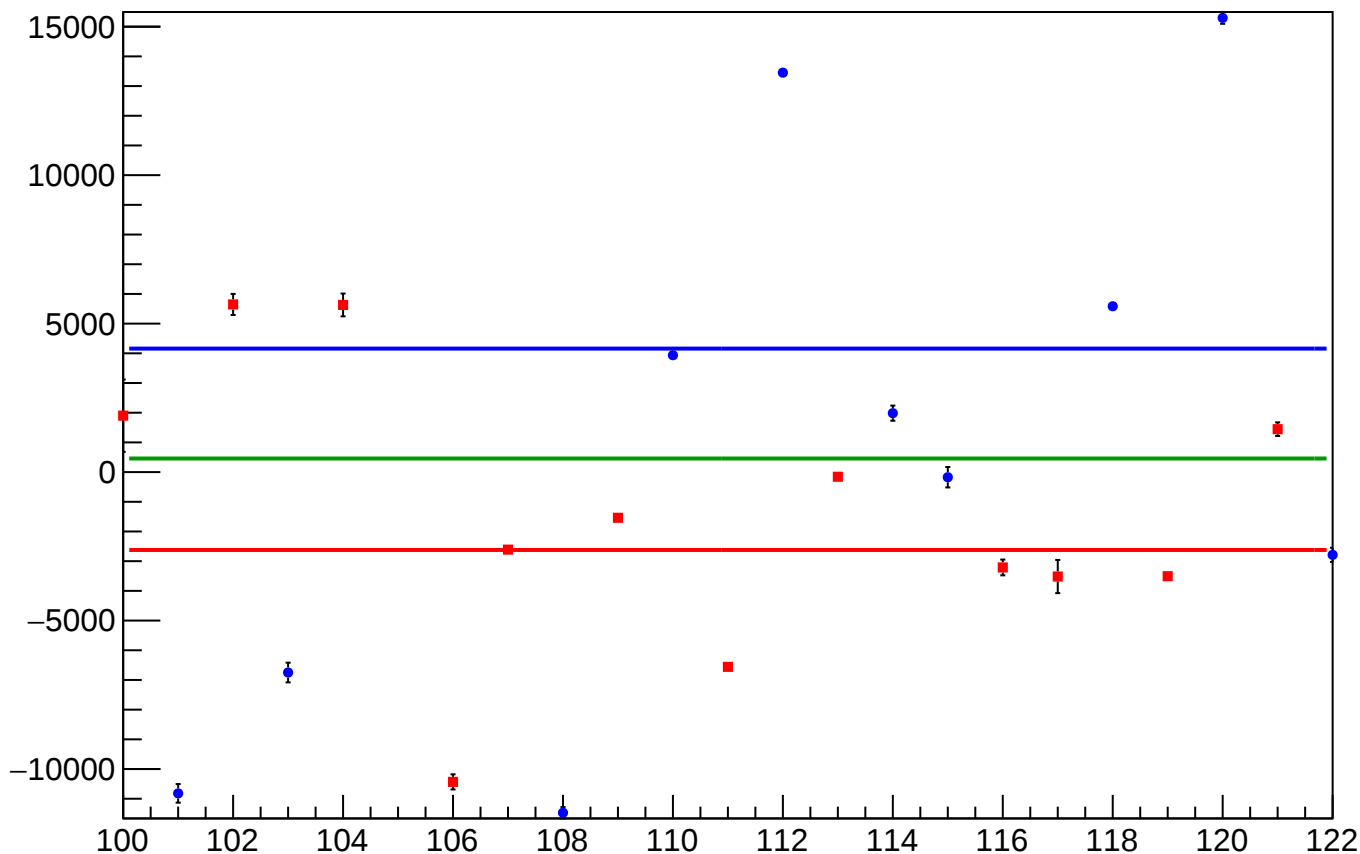
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

137.952 $\pm$ 0.053 χ^2 /NDF: 581715.9/9

136.663 $\pm$ 0.036 χ^2 /NDF: 1250604.0/21

135.552 $\pm$ 0.049 χ^2 /NDF: 667769.3/11

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4159.000+/-60.795 χ^2/NDF : 19214.7/9

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

Right Out: -2622.386+/-55.457 χ^2/NDF : 3803.3/11

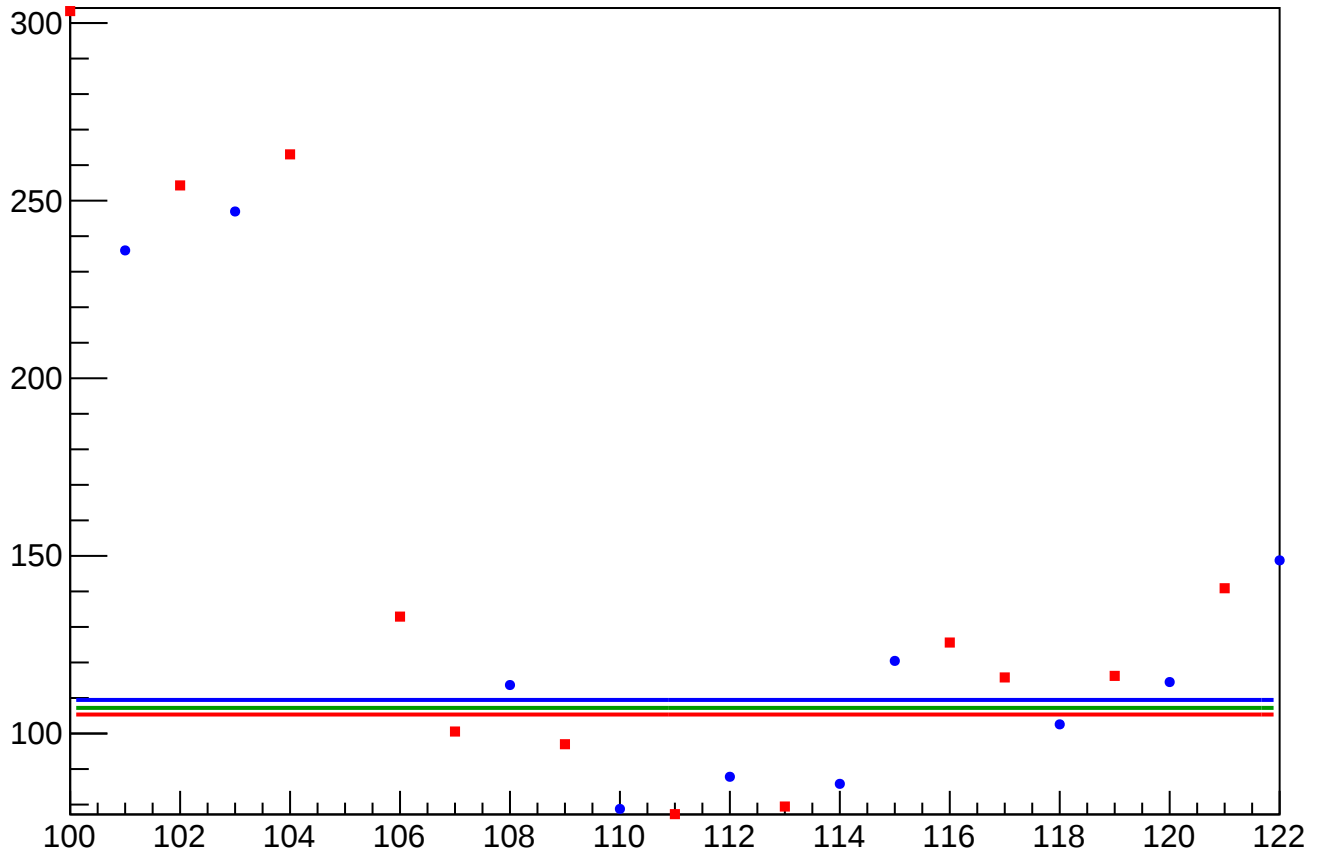
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4159.000+/-60.795 χ^2/NDF : 19214.7/9

457.561+/-40.971 χ^2/NDF : 29809.3/21

-2622.386+/-55.457 χ^2/NDF : 3803.3/11

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 109.456+/-0.043 χ^2/NDF : 903912.7/9

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

Right Out: 105.349+/-0.039 χ^2/NDF : 1036992.4/11

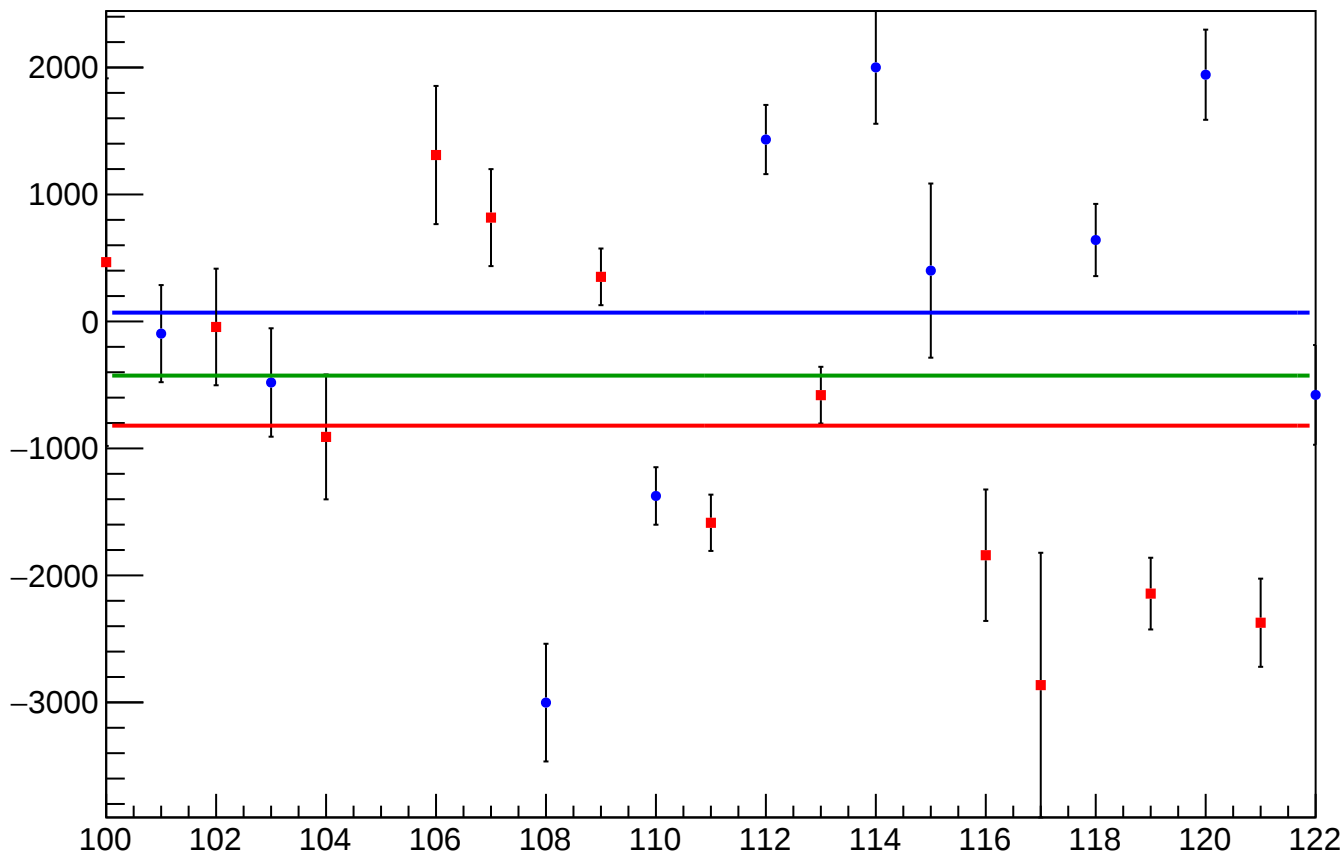
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.456+/-0.043 χ^2/NDF : 903912.7/9

107.214+/-0.029 χ^2/NDF : 1945888.0/21

105.349+/-0.039 χ^2/NDF : 1036992.4/11

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 69.494+/-109.151 χ^2/NDF : 165.2/9

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

Right Out: -820.599+/-97.326 χ^2/NDF : 127.7/11

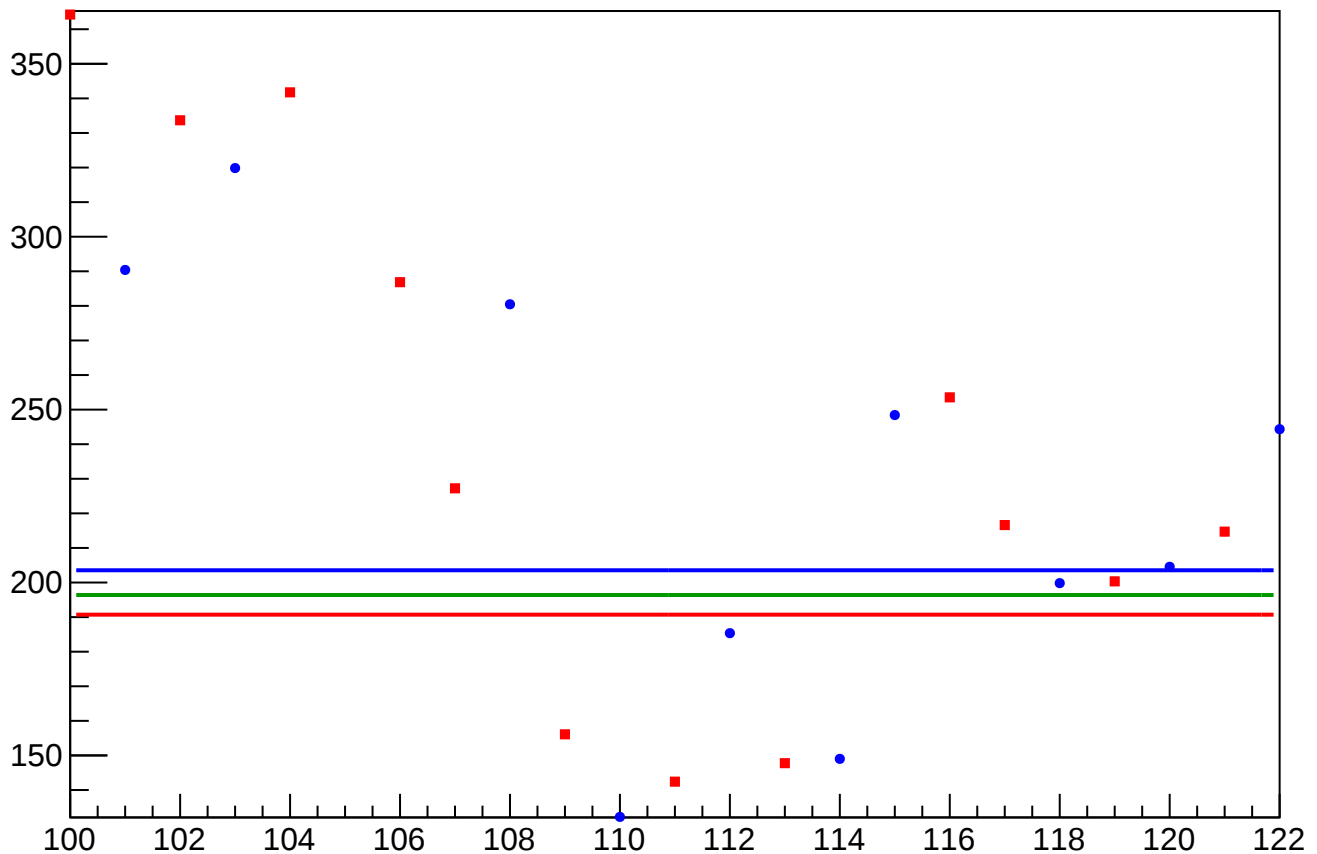
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.494+/-109.151 χ^2/NDF : 165.2/9

-426.363+/-72.642 χ^2/NDF : 330.0/21

-820.599+/-97.326 χ^2/NDF : 127.7/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 203.543+/-0.077 χ^2/NDF : 574602.6/9

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

Right Out: 190.708+/-0.069 χ^2/NDF : 751752.5/11

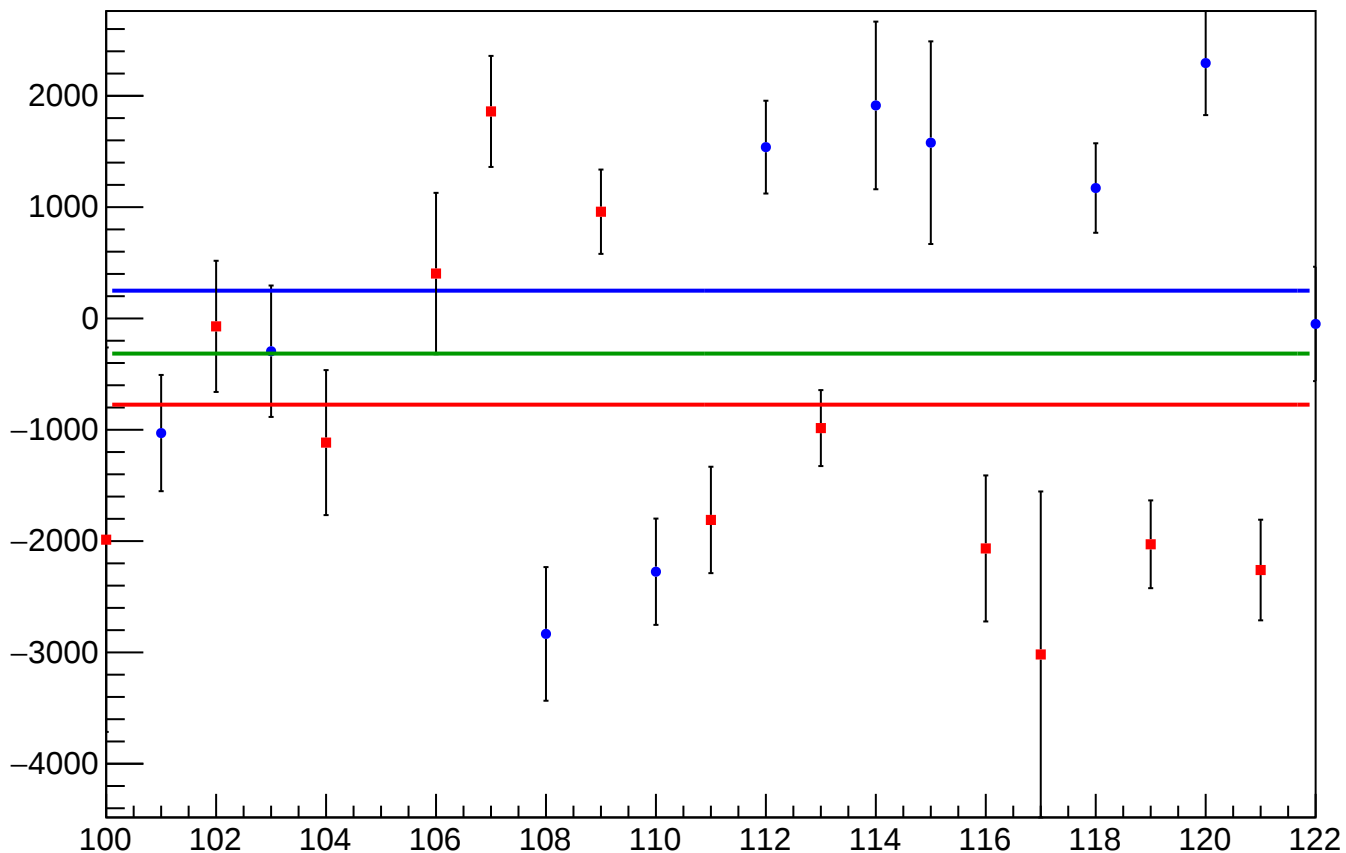
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.543+/-0.077 χ^2/NDF : 574602.6/9

196.393+/-0.051 χ^2/NDF : 1341759.3/21

190.708+/-0.069 χ^2/NDF : 751752.5/11

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 249.736+/-164.446 χ^2/NDF : 102.5/9

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

Right Out: -774.292+/-148.158 χ^2/NDF : 85.9/11

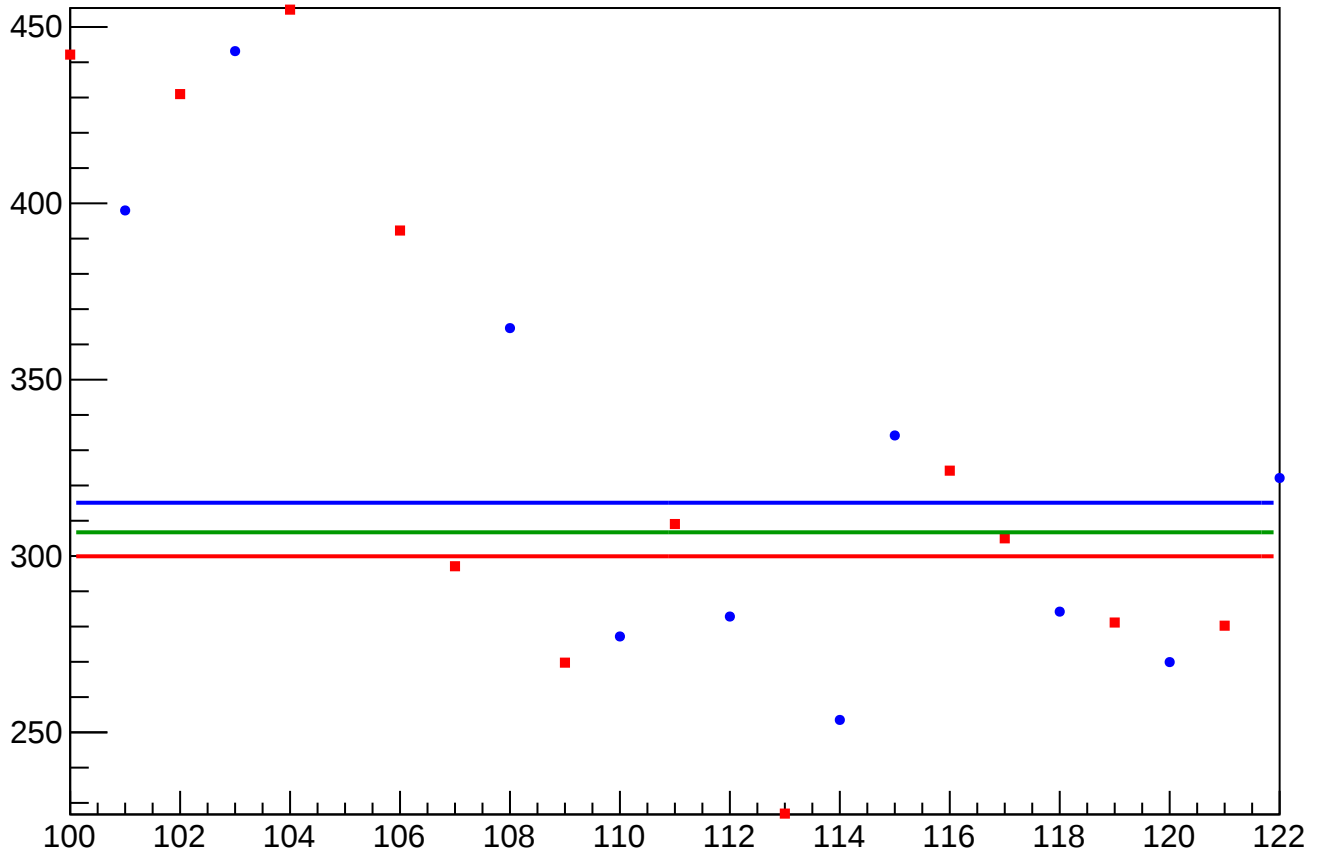
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

249.736+/-164.446 χ^2/NDF : 102.5/9

-315.489+/-110.073 χ^2/NDF : 209.8/21

-774.292+/-148.158 χ^2/NDF : 85.9/11

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 315.109 ± 0.116 $\chi^2/\text{NDF}: 227820.2/9$

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

Right Out: 299.923 ± 0.105 $\chi^2/\text{NDF}: 374313.2/11$

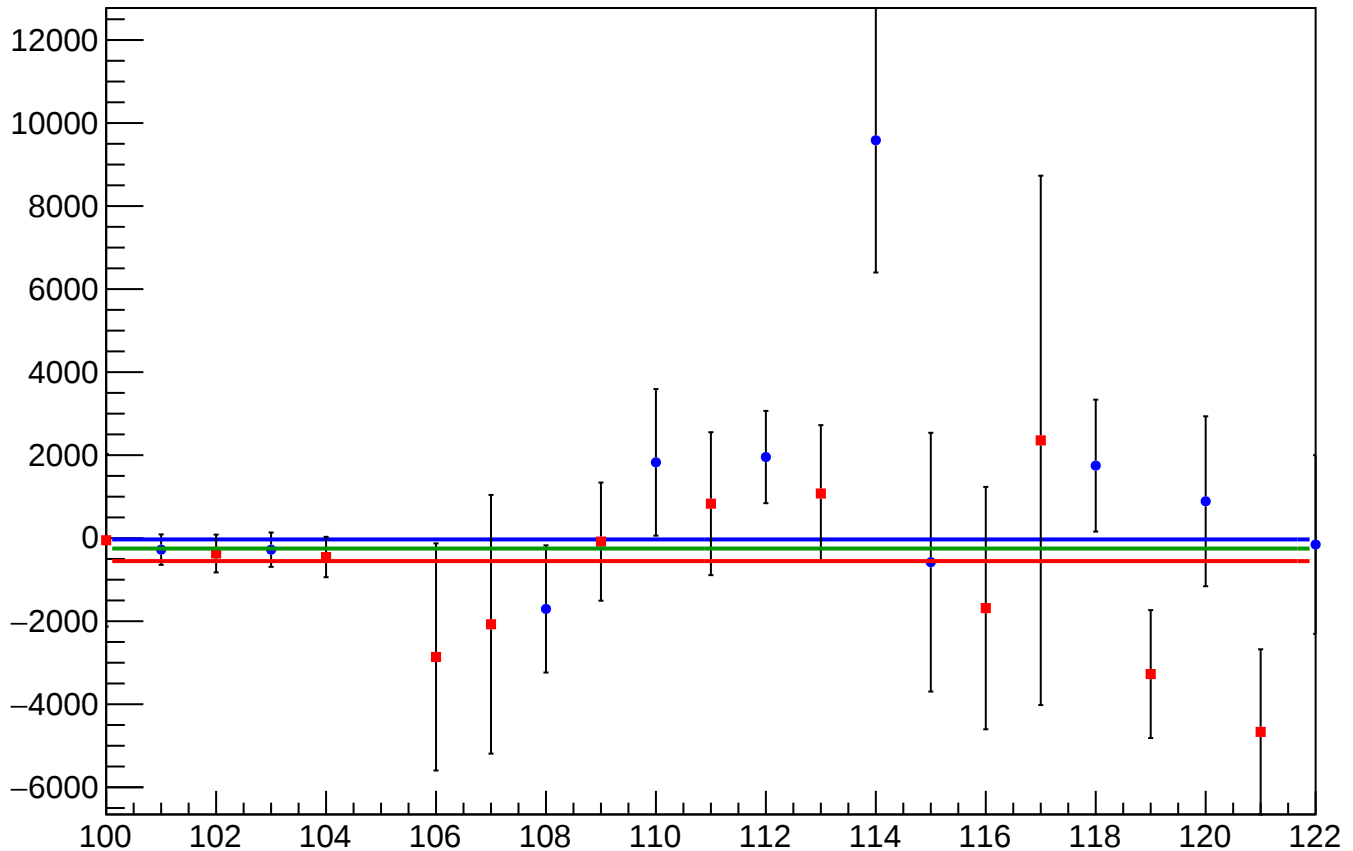
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

315.109 ± 0.116 $\chi^2/\text{NDF}: 227820.2/9$

306.727 ± 0.078 $\chi^2/\text{NDF}: 611548.4/21$

299.923 ± 0.105 $\chi^2/\text{NDF}: 374313.2/11$

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -29.831 ± 250.834 χ^2/NDF : 16.9/9

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

Right Out: -552.073 ± 294.517 χ^2/NDF : 10.7/11

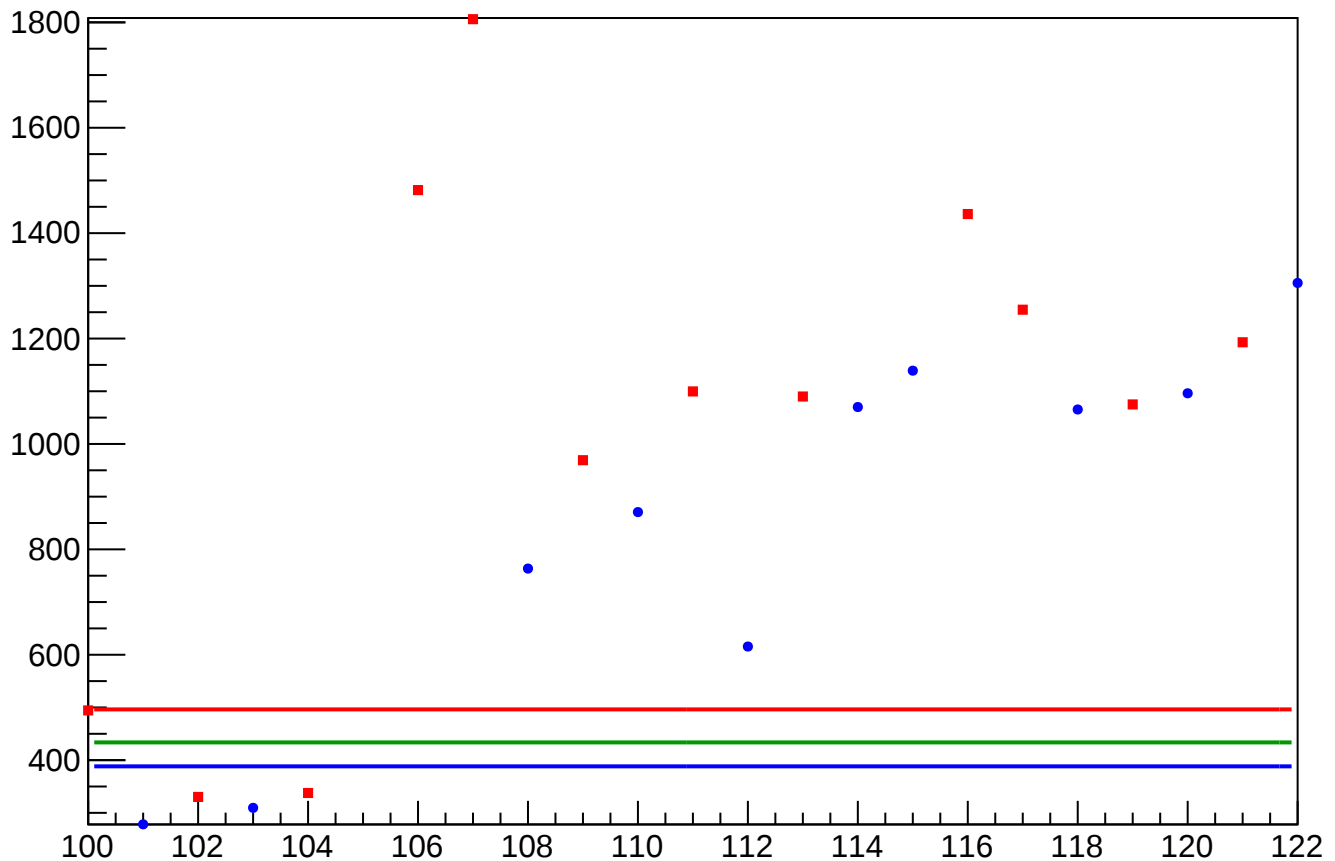
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.831 ± 250.834 χ^2/NDF : 16.9/9

-249.387 ± 190.962 χ^2/NDF : 29.4/21

-552.073 ± 294.517 χ^2/NDF : 10.7/11

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 388.233+/-0.177 χ^2/NDF : 1778897.2/9

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

Right Out: 496.291+/-0.208 χ^2/NDF : 2580603.7/11

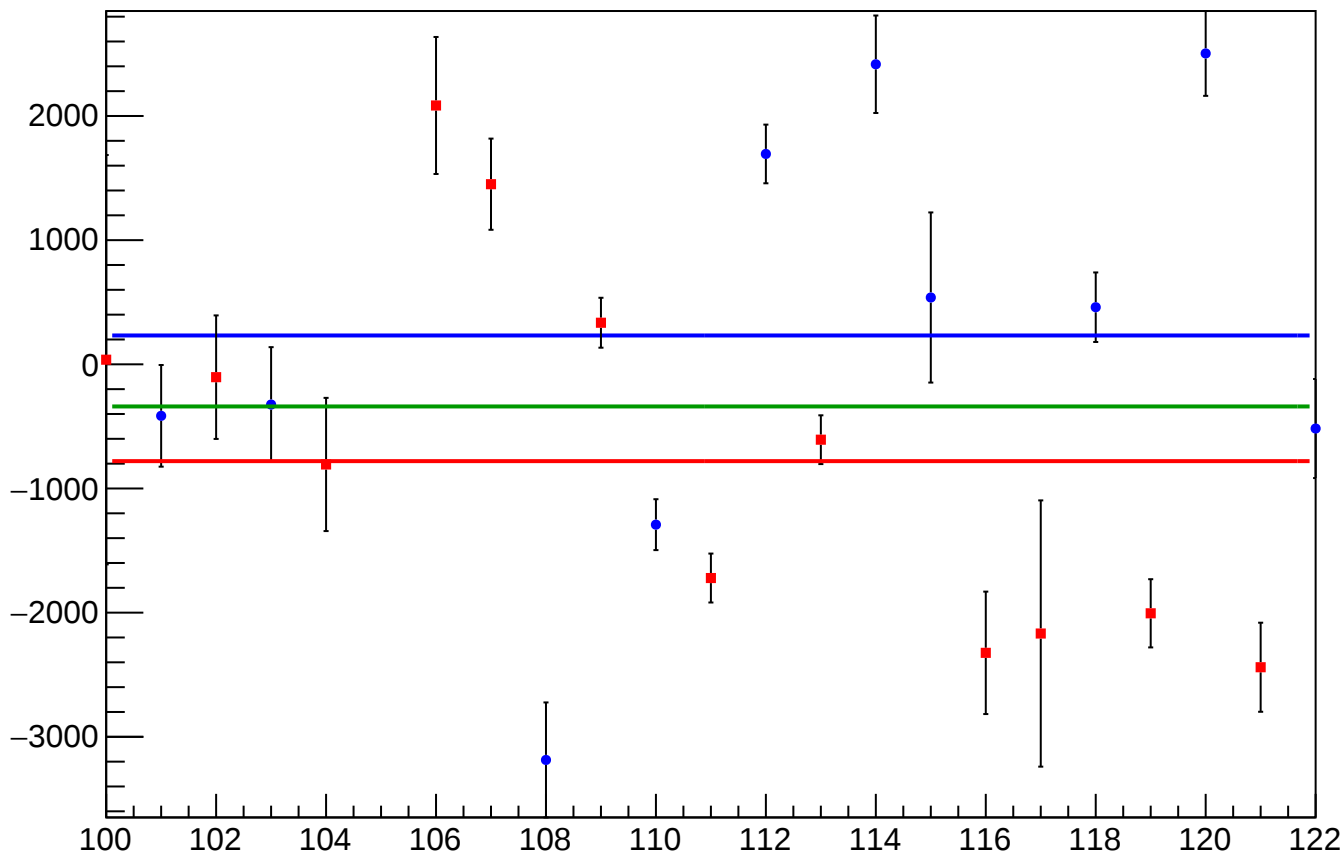
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

388.233+/-0.177 χ^2/NDF : 1778897.2/9

433.662+/-0.135 χ^2/NDF : 4515544.0/21

496.291+/-0.208 χ^2/NDF : 2580603.7/11

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 232.299 $\pm$ 103.558 χ^2 /NDF: 231.5/9

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

Right Out: -779.718 $\pm$ 90.895 χ^2 /NDF: 173.1/11

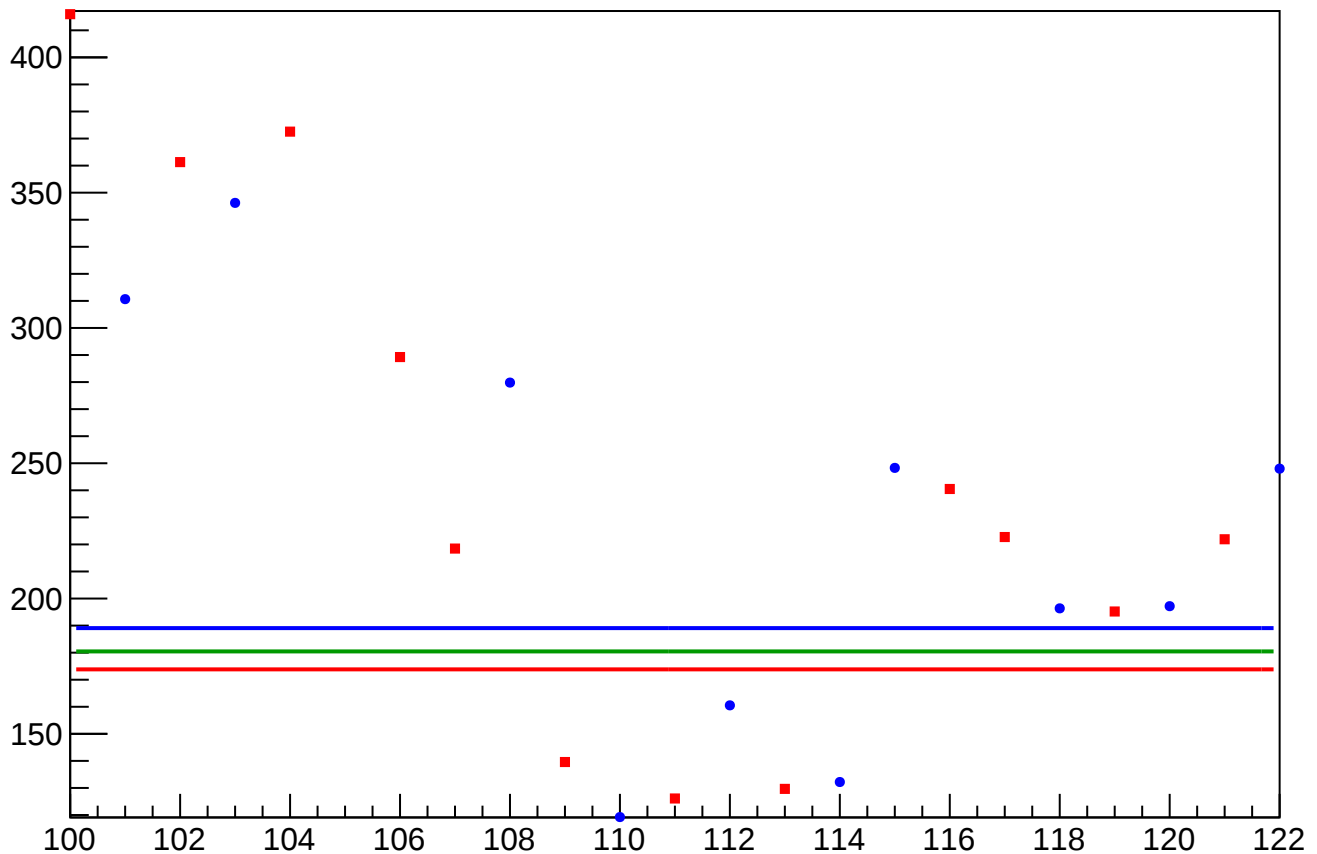
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

232.299 $\pm$ 103.558 χ^2 /NDF: 231.5/9

-339.337 $\pm$ 68.313 χ^2 /NDF: 458.6/21

-779.718 $\pm$ 90.895 χ^2 /NDF: 173.1/11

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 189.073 $\pm$ 0.073 χ^2 /NDF: 848613.2/9

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

Right Out: 173.824 $\pm$ 0.064 χ^2 /NDF: 1084236.6/11

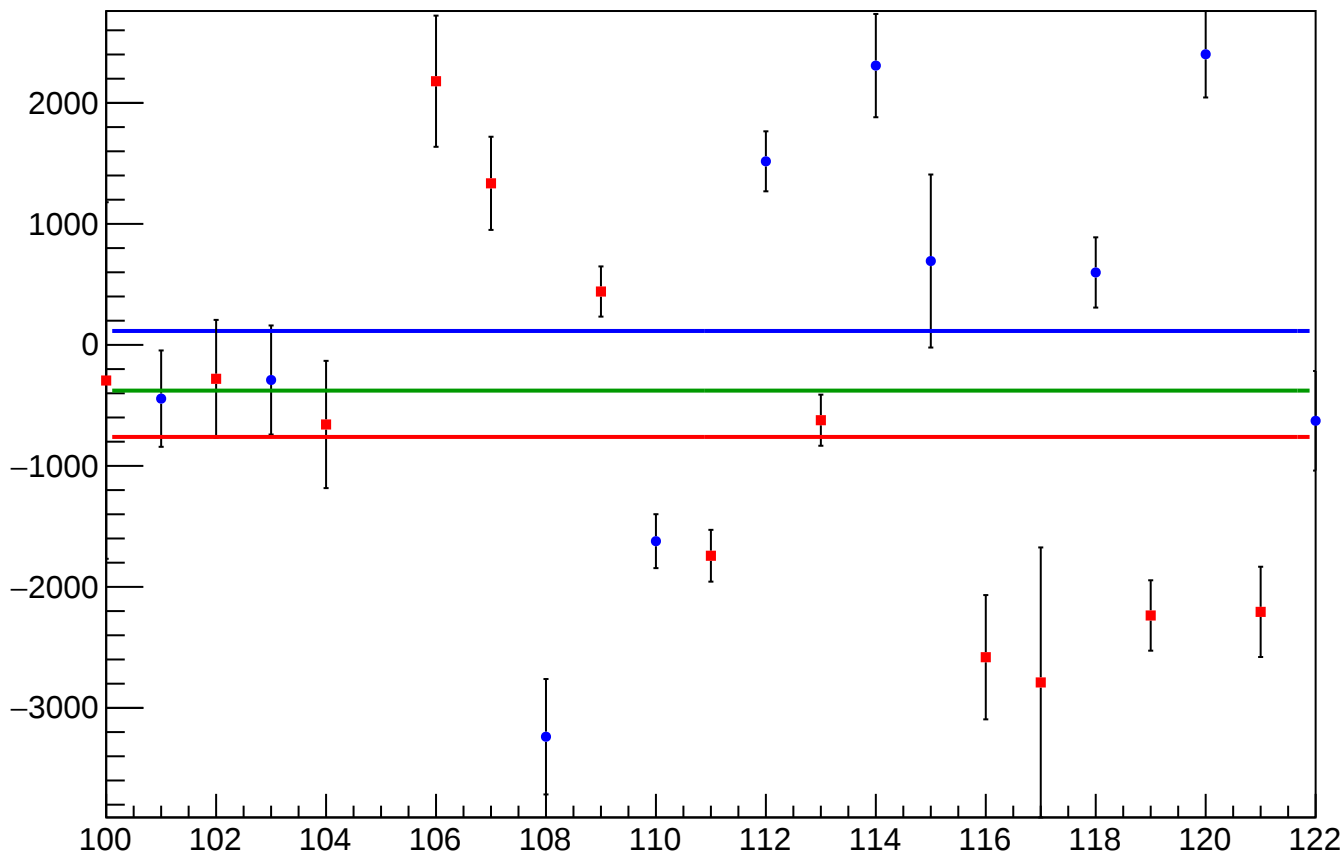
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

189.073 $\pm$ 0.073 χ^2 /NDF: 848613.2/9

180.460 $\pm$ 0.048 χ^2 /NDF: 1957343.6/21

173.824 $\pm$ 0.064 χ^2 /NDF: 1084236.6/11

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 115.095+/-108.408 χ^2/NDF : 219.1/9

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

Right Out: -760.705+/-95.542 χ^2/NDF : 171.8/11

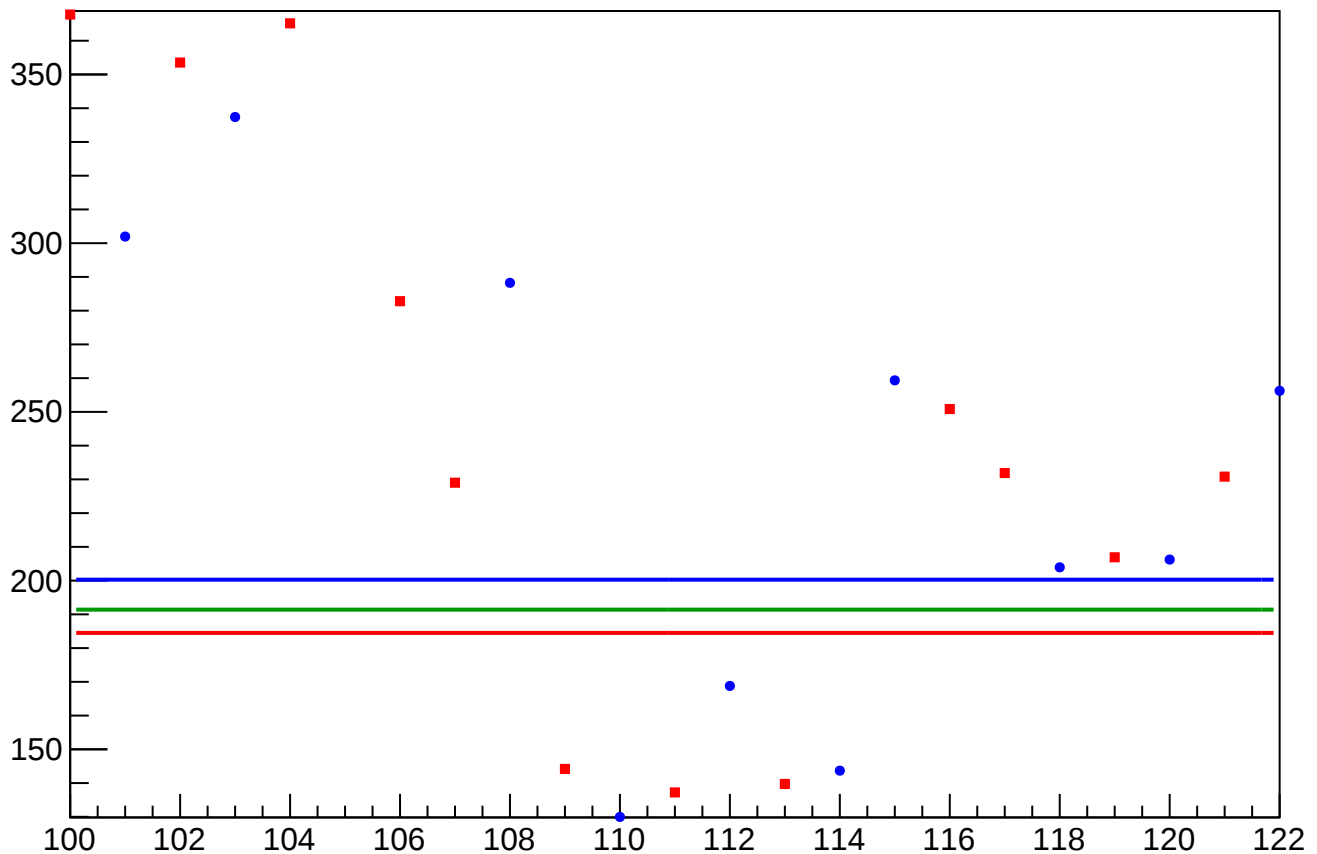
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.095+/-108.408 χ^2/NDF : 219.1/9

-377.832+/-71.678 χ^2/NDF : 427.6/21

-760.705+/-95.542 χ^2/NDF : 171.8/11

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 200.279+/-0.077 χ^2/NDF : 701781.1/9

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

Right Out: 184.500+/-0.068 χ^2/NDF : 943310.1/11

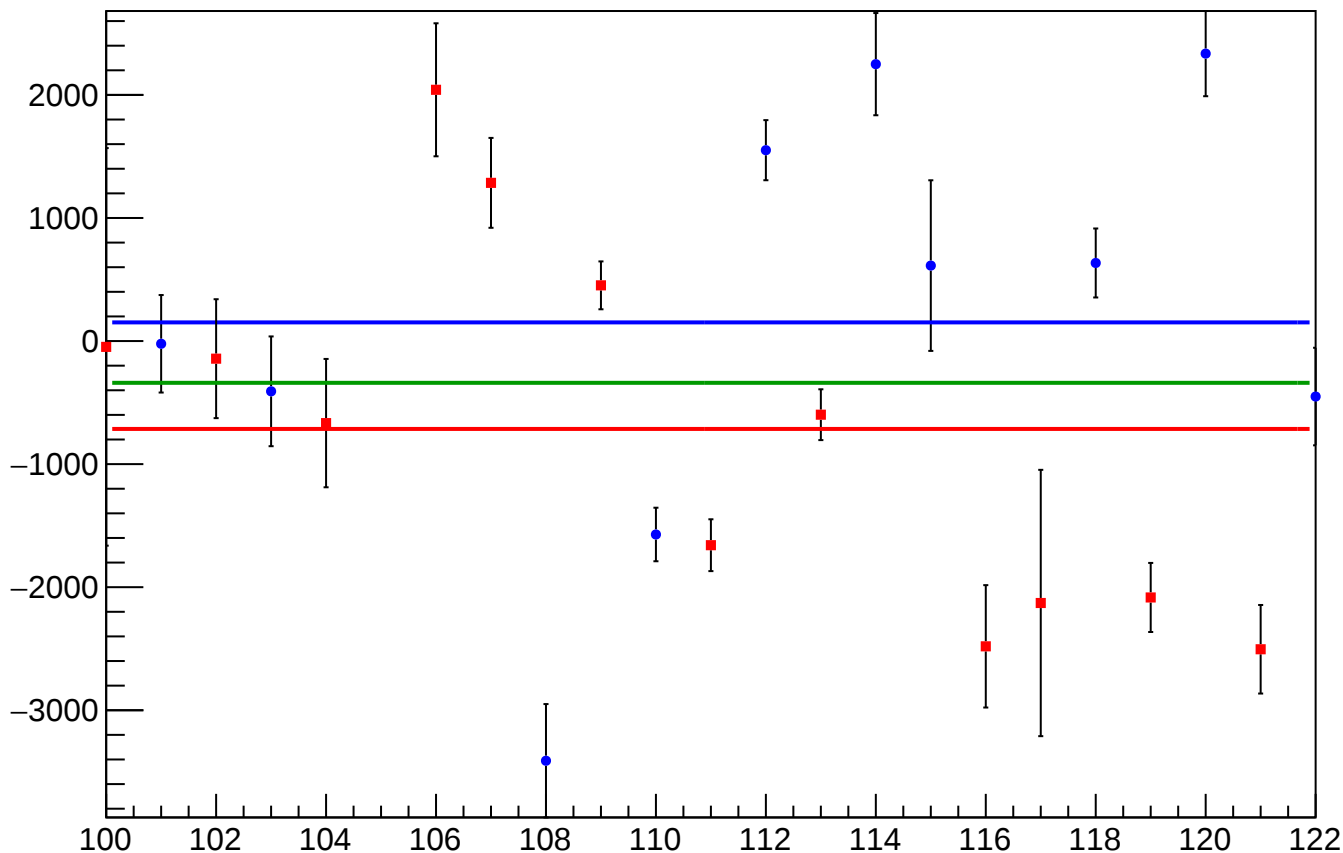
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.279+/-0.077 χ^2/NDF : 701781.1/9

191.398+/-0.051 χ^2/NDF : 1668936.5/21

184.500+/-0.068 χ^2/NDF : 943310.1/11

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 151.567+/-105.794 χ^2/NDF : 228.2/9

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

Right Out: -714.135+/-92.433 χ^2/NDF : 176.9/11

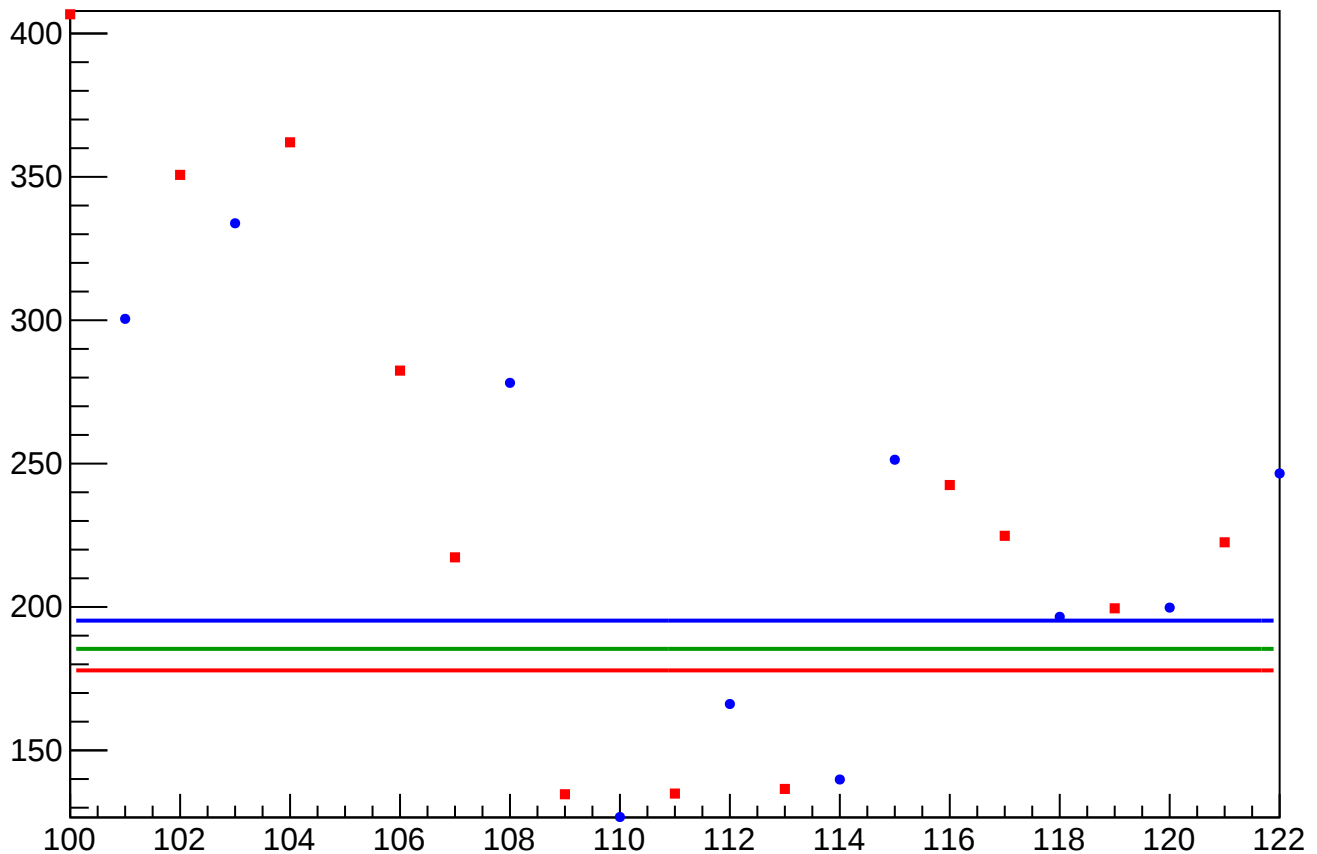
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.567+/-105.794 χ^2/NDF : 228.2/9

-339.371+/-69.607 χ^2/NDF : 443.1/21

-714.135+/-92.433 χ^2/NDF : 176.9/11

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 195.242 $\pm$ 0.075 χ^2 /NDF: 708418.3/9

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

Right Out: 177.882 $\pm$ 0.065 χ^2 /NDF: 986136.6/11

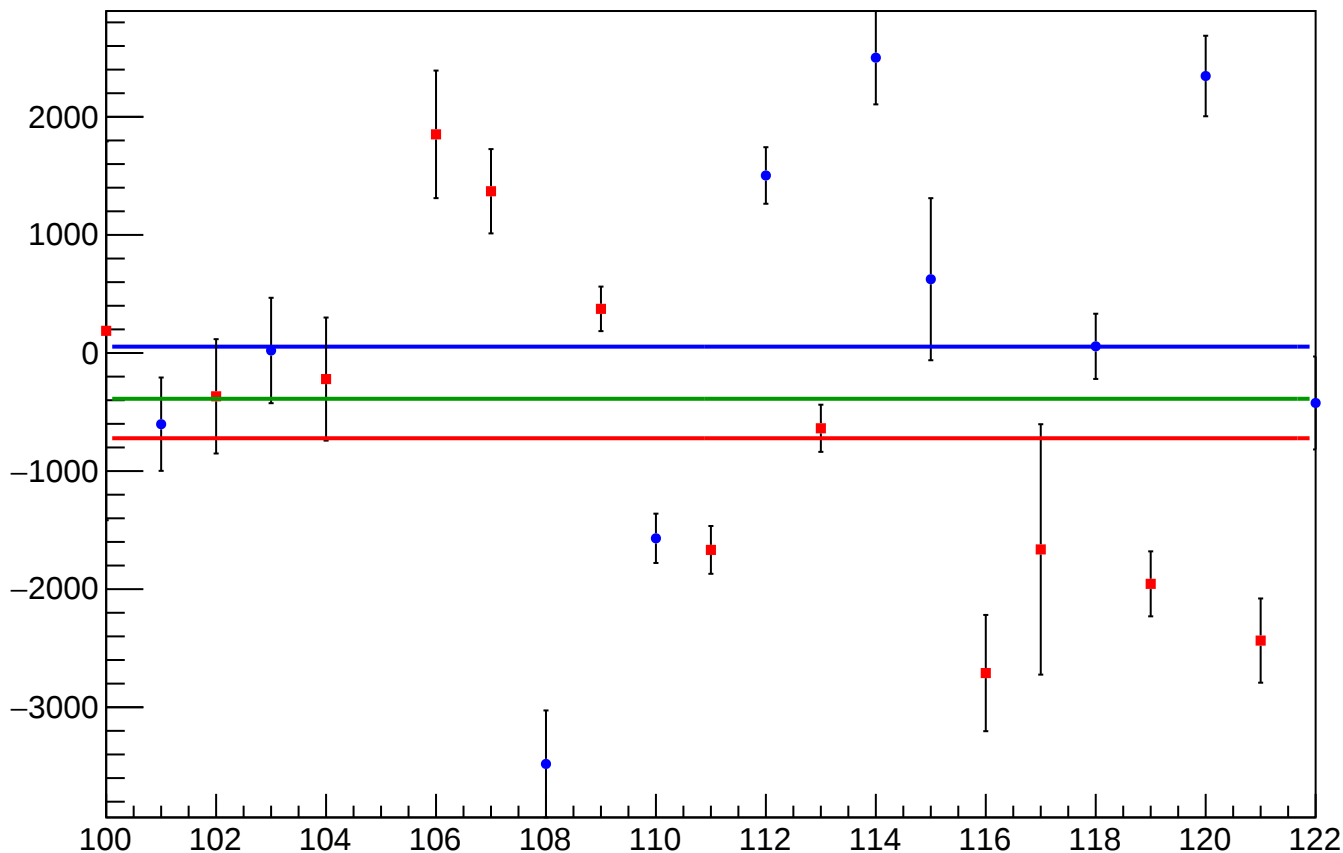
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

195.242 $\pm$ 0.075 χ^2 /NDF: 708418.3/9

185.397 $\pm$ 0.049 χ^2 /NDF: 1725096.2/21

177.882 $\pm$ 0.065 χ^2 /NDF: 986136.6/11

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 53.808+/-103.497 χ^2/NDF : 246.3/9

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

Right Out: -721.903+/-90.046 χ^2/NDF : 174.9/11

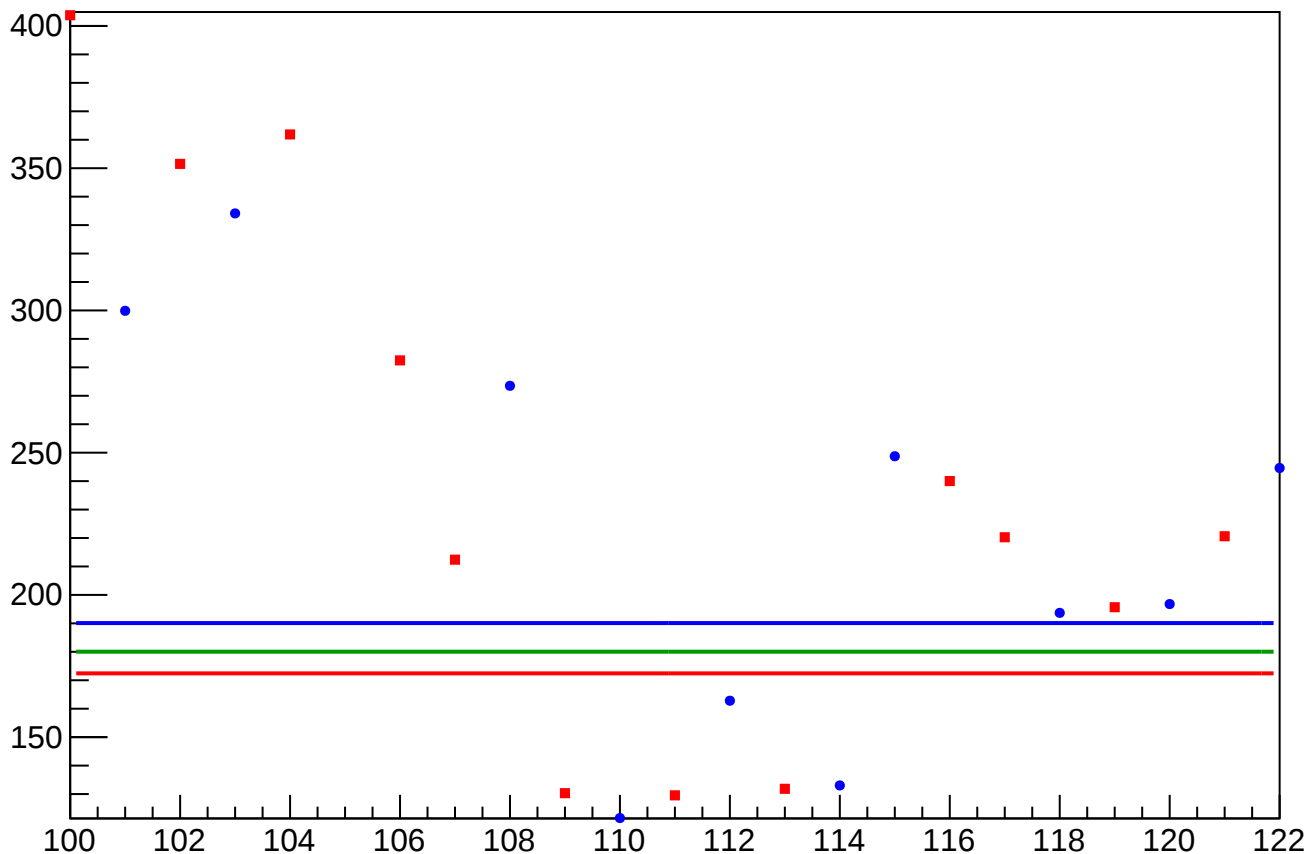
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.808+/-103.497 χ^2/NDF : 246.3/9

-387.700+/-67.933 χ^2/NDF : 453.2/21

-721.903+/-90.046 χ^2/NDF : 174.9/11

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 190.104 $\pm$ 0.073 χ^2 /NDF: 767442.3/9

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

Right Out: 172.422 $\pm$ 0.064 χ^2 /NDF: 1052462.8/11

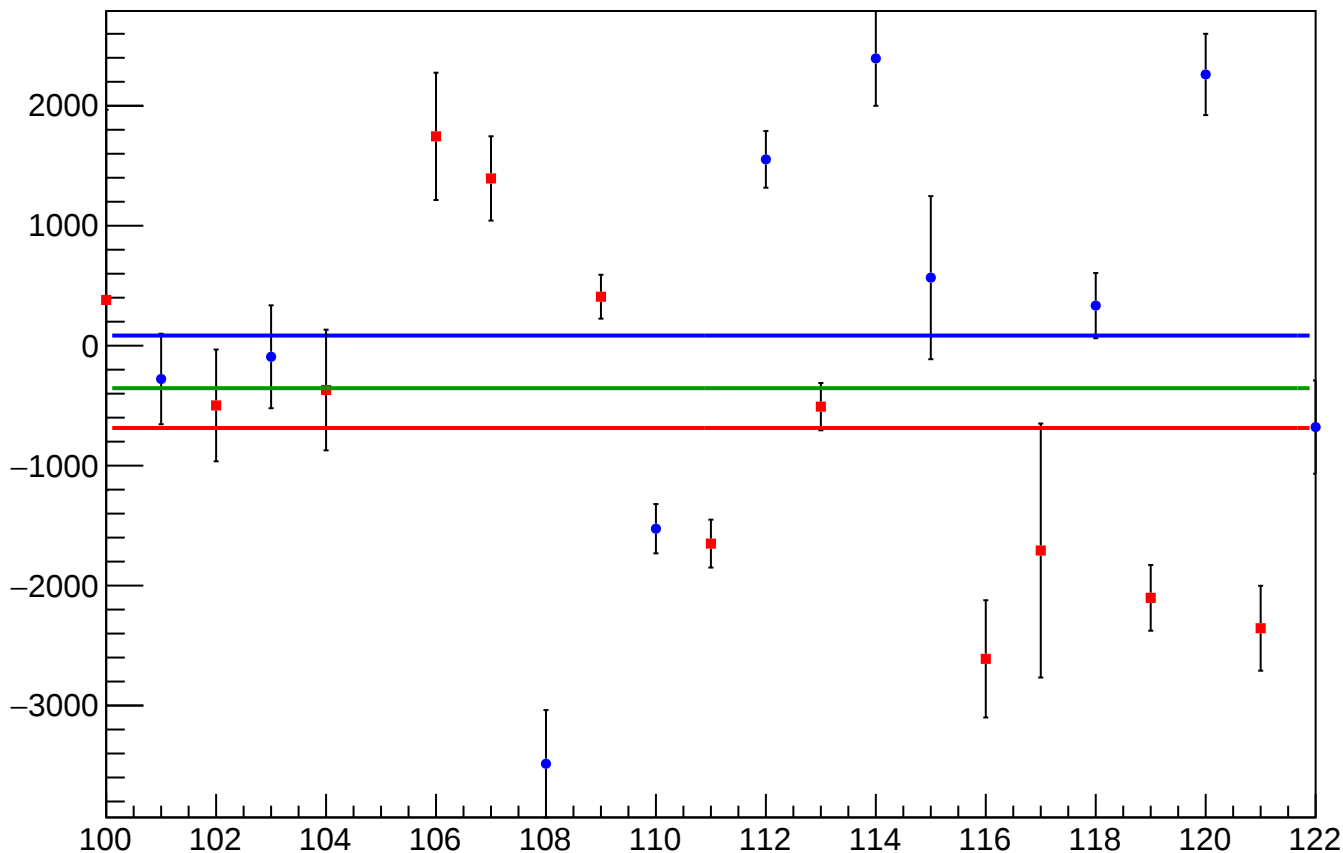
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

190.104 $\pm$ 0.073 χ^2 /NDF: 767442.3/9

180.040 $\pm$ 0.048 χ^2 /NDF: 1853128.9/21

172.422 $\pm$ 0.064 χ^2 /NDF: 1052462.8/11

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 84.384+/-101.809 χ^2/NDF : 245.4/9

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

Right Out: -686.115+/-88.509 χ^2/NDF : 182.3/11

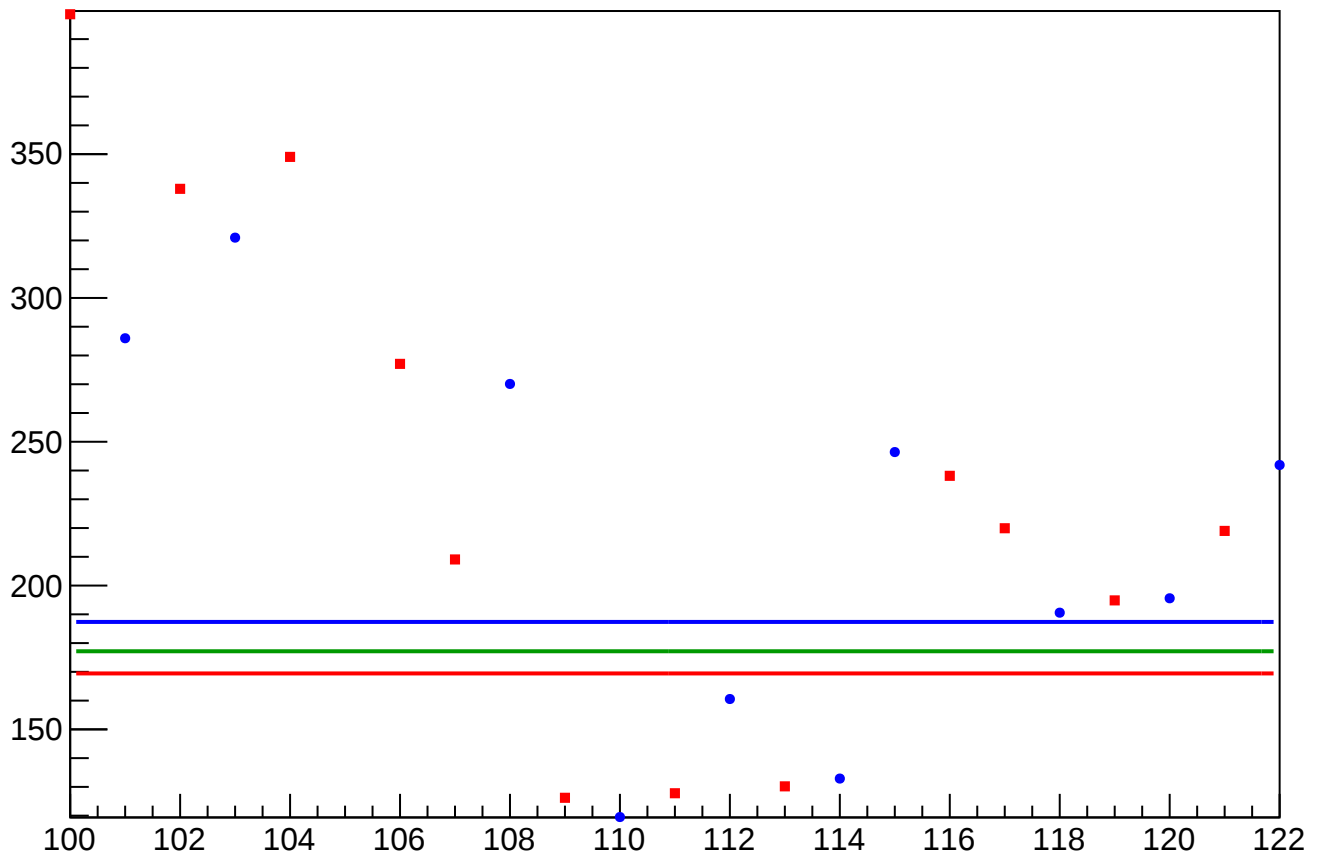
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.384+/-101.809 χ^2/NDF : 245.4/9

-354.450+/-66.796 χ^2/NDF : 460.3/21

-686.115+/-88.509 χ^2/NDF : 182.3/11

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 187.357+/-0.072 χ^2/NDF : 736754.0/9

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

Right Out: 169.449+/-0.063 χ^2/NDF : 1044461.3/11

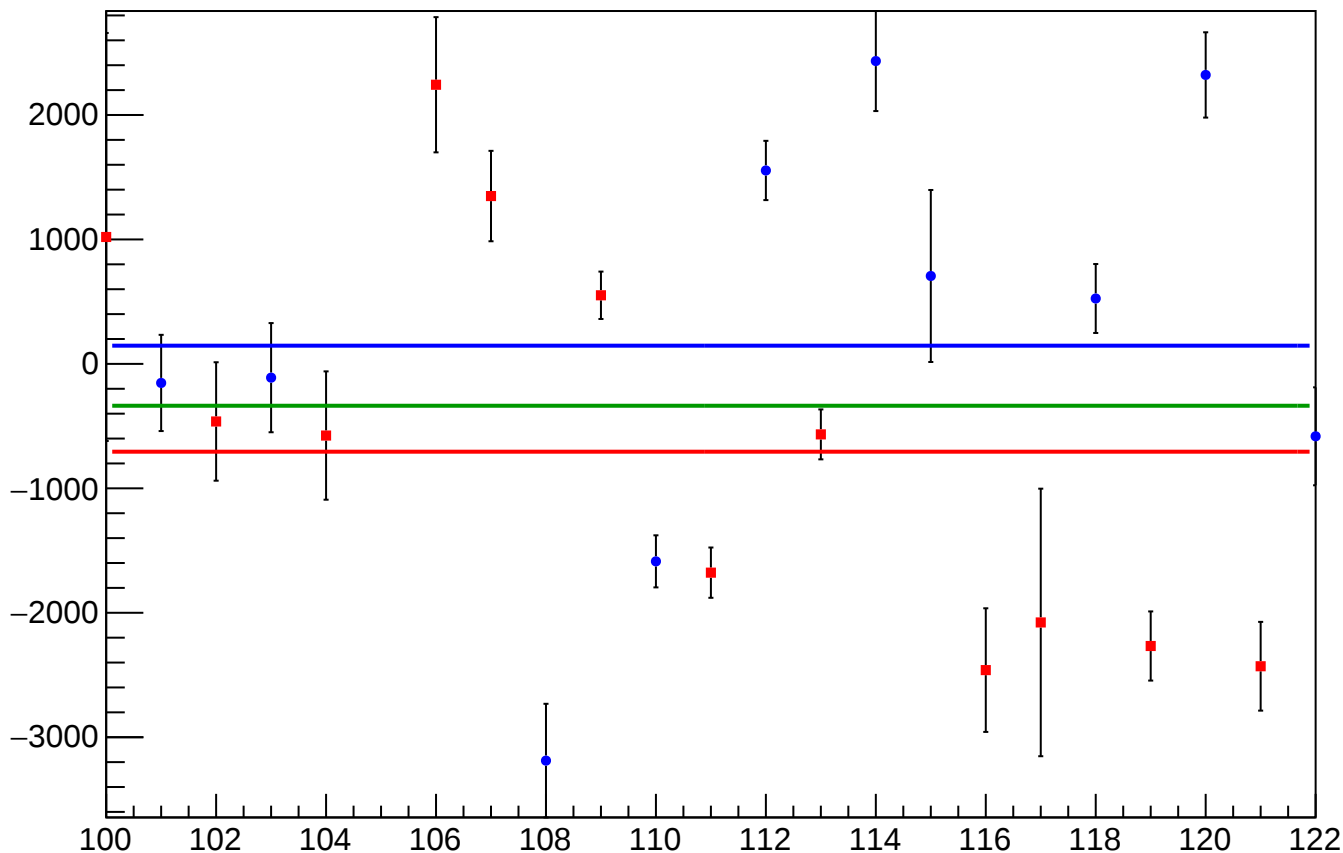
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

187.357+/-0.072 χ^2/NDF : 736754.0/9

177.158+/-0.047 χ^2/NDF : 1816459.8/21

169.449+/-0.063 χ^2/NDF : 1044461.3/11

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 146.344+/-103.436 χ^2/NDF : 236.5/9

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

Right Out: -705.571+/-90.467 χ^2/NDF : 199.1/11

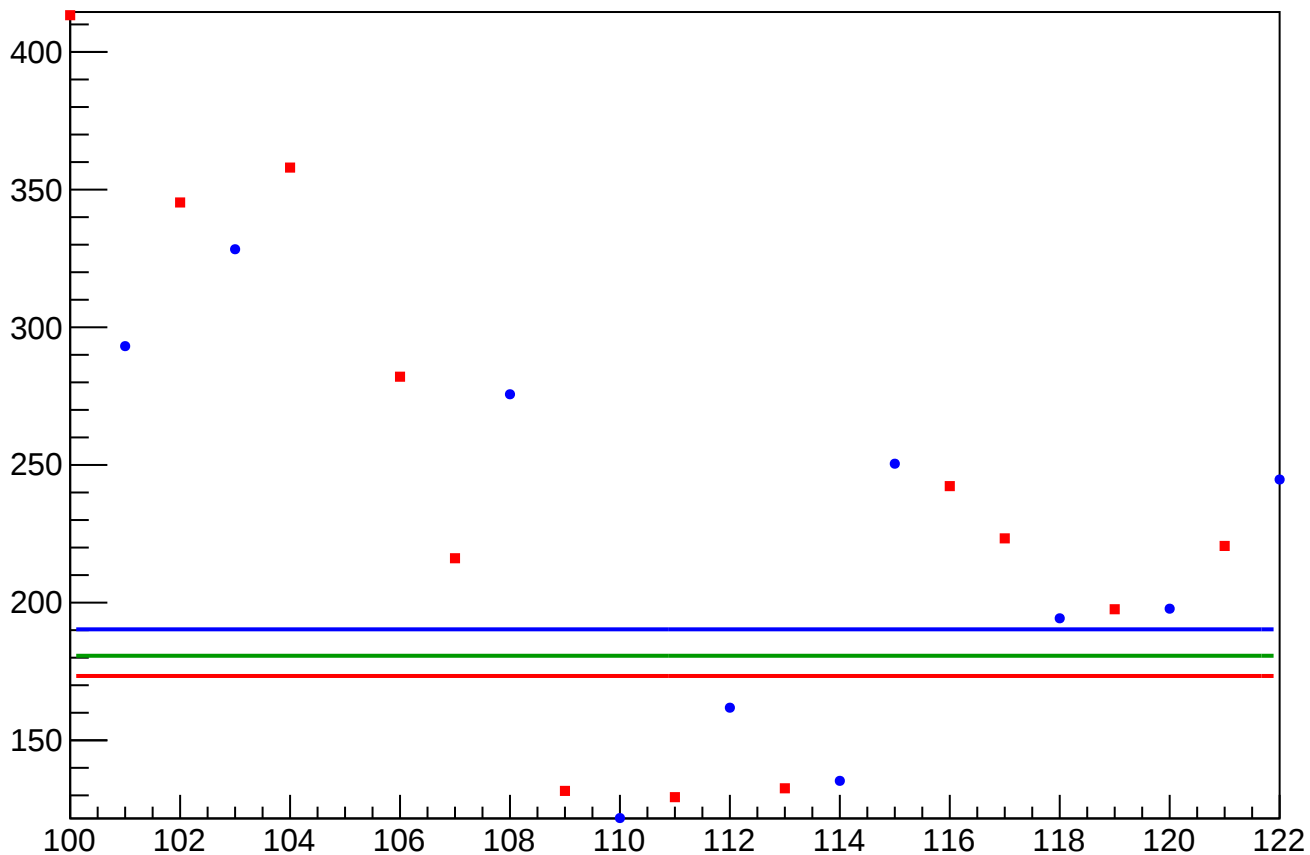
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.344+/-103.436 χ^2/NDF : 236.5/9

-336.339+/-68.096 χ^2/NDF : 474.1/21

-705.571+/-90.467 χ^2/NDF : 199.1/11

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 190.300+/-0.073 χ^2/NDF : 745092.2/9

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

Right Out: 173.362+/-0.064 χ^2/NDF : 1035206.7/11

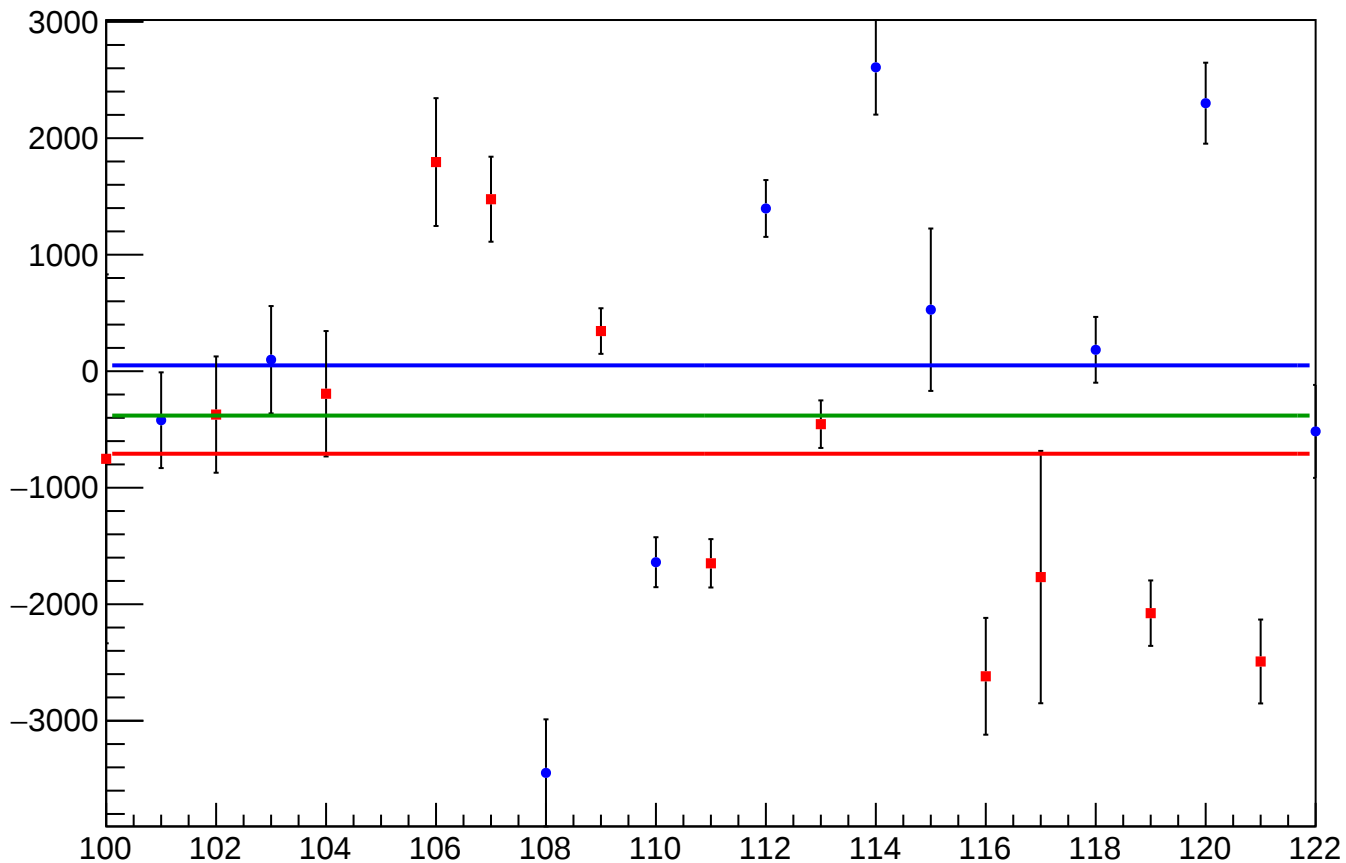
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.300+/-0.073 χ^2/NDF : 745092.2/9

180.703+/-0.048 χ^2/NDF : 1810685.7/21

173.362+/-0.064 χ^2/NDF : 1035206.7/11

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 50.102+/-105.895 χ^2/NDF : 236.1/9

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

Right Out: -708.259+/-92.340 χ^2/NDF : 172.8/11

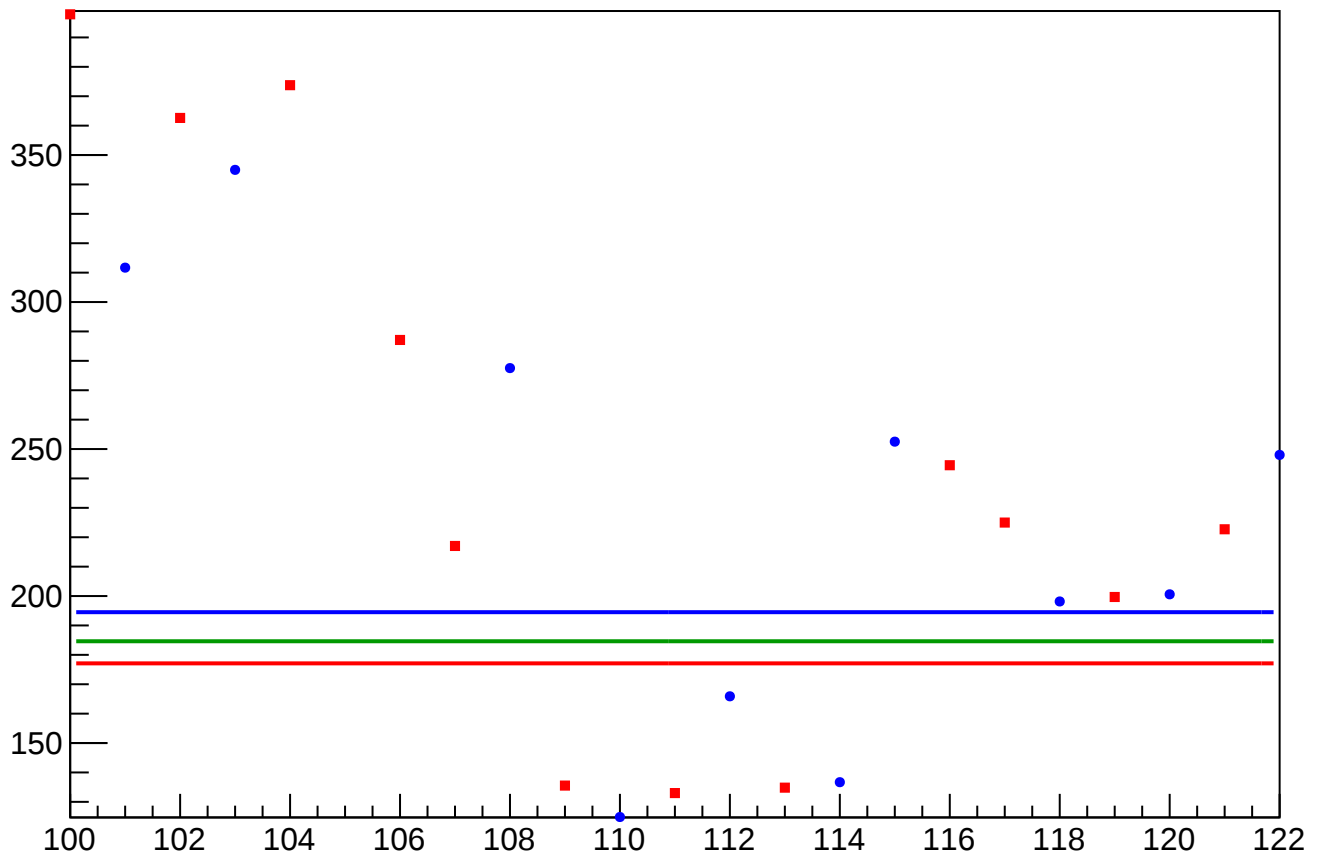
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.102+/-105.895 χ^2/NDF : 236.1/9

-380.690+/-69.596 χ^2/NDF : 438.1/21

-708.259+/-92.340 χ^2/NDF : 172.8/11

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 194.511+/-0.075 χ^2/NDF : 771462.7/9

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

Right Out: 177.103+/-0.065 χ^2/NDF : 1038298.2/11

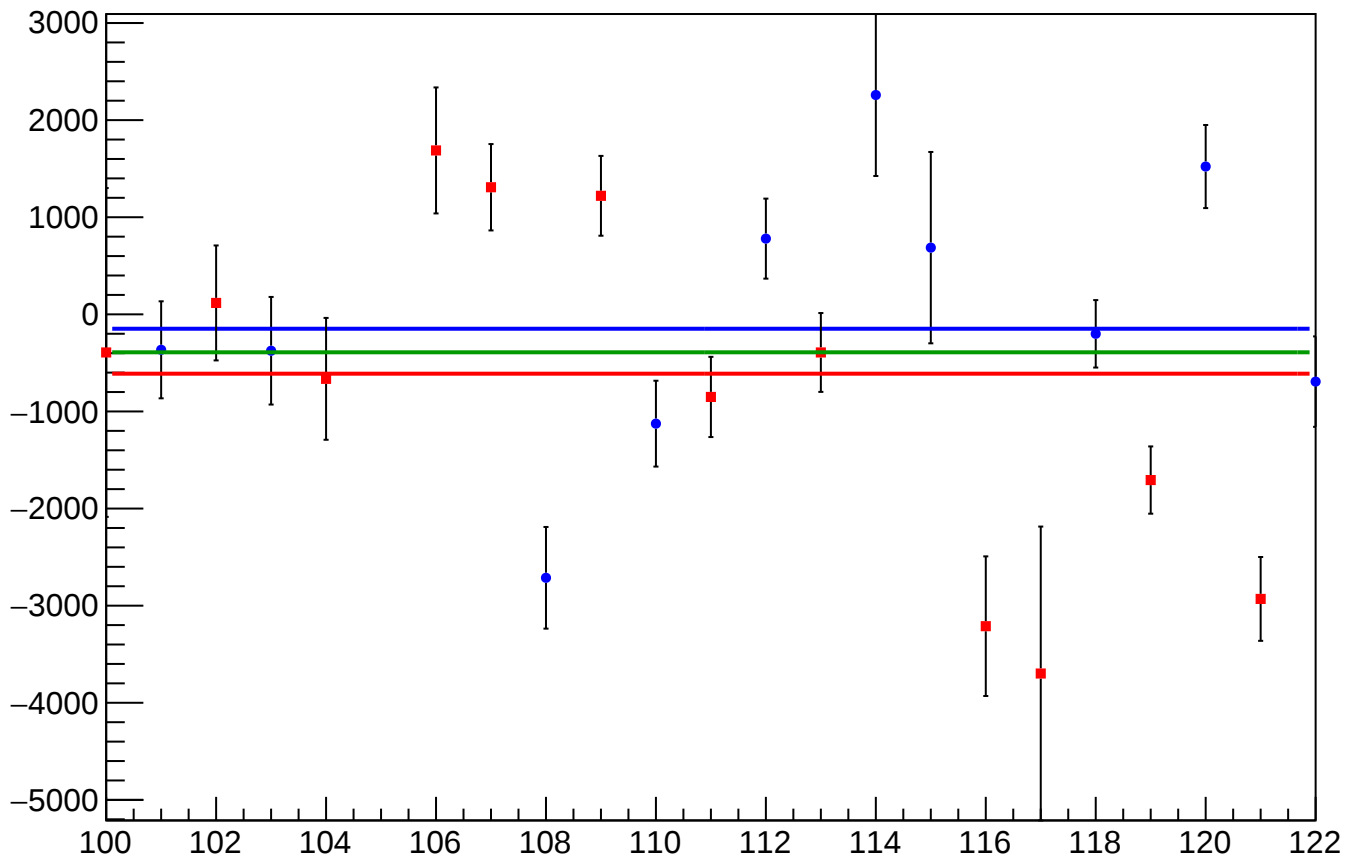
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.511+/-0.075 χ^2/NDF : 771462.7/9

184.623+/-0.049 χ^2/NDF : 1840462.9/21

177.103+/-0.065 χ^2/NDF : 1038298.2/11

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -148.243+/-152.940 χ^2/NDF : 60.0/9

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

Right Out: -611.132+/-145.706 χ^2/NDF : 109.3/11

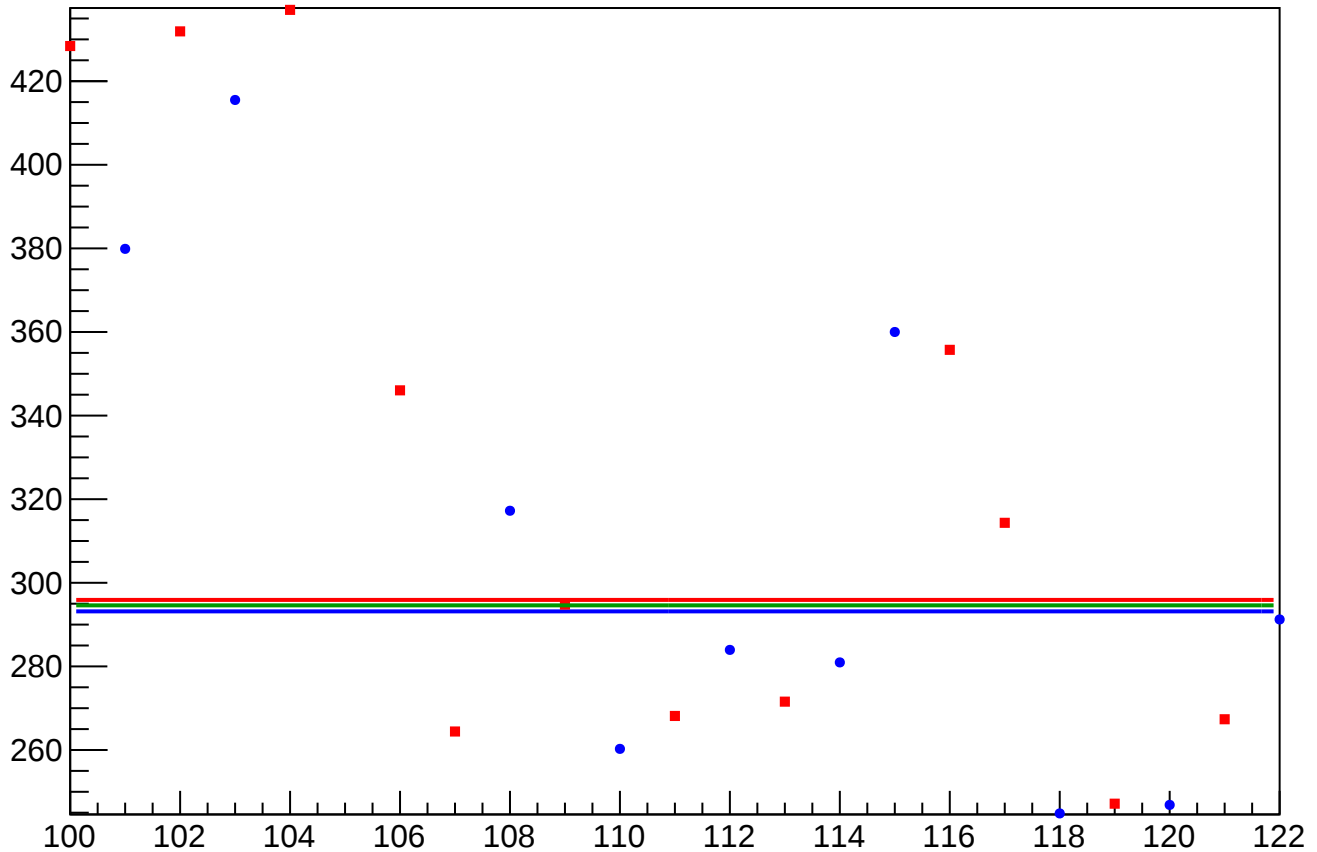
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-148.243+/-152.940 χ^2/NDF : 60.0/9

-390.893+/-105.494 χ^2/NDF : 174.1/21

-611.132+/-145.706 χ^2/NDF : 109.3/11

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 293.164+/-0.108 χ^2/NDF : 245917.5/9

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

Right Out: 295.906+/-0.103 χ^2/NDF : 319808.6/11

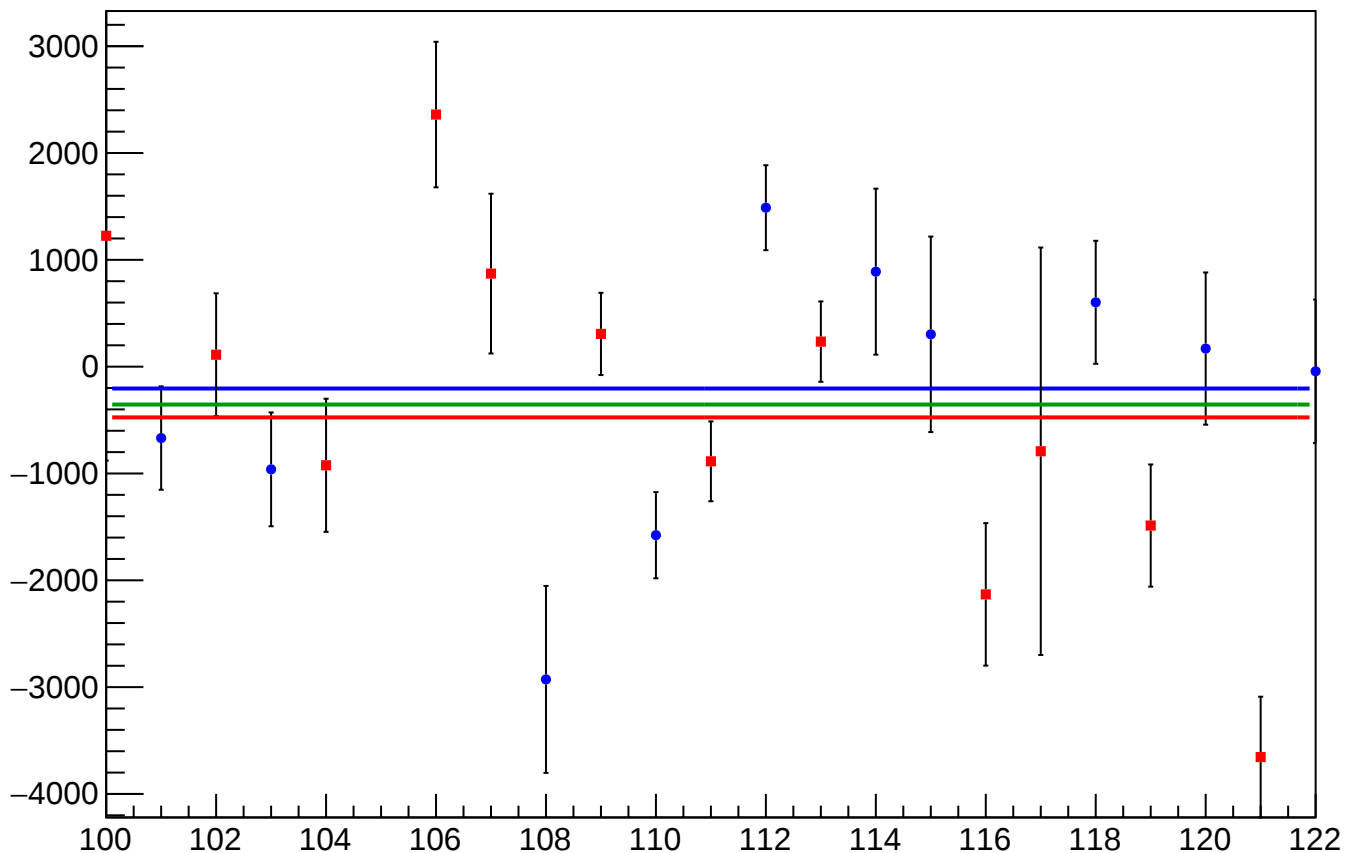
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

293.164+/-0.108 χ^2/NDF : 245917.5/9

294.602+/-0.075 χ^2/NDF : 566063.0/21

295.906+/-0.103 χ^2/NDF : 319808.6/11

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -204.571+/-177.825 χ^2/NDF : 46.9/9

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

Right Out: -474.870+/-159.200 χ^2/NDF : 72.7/11

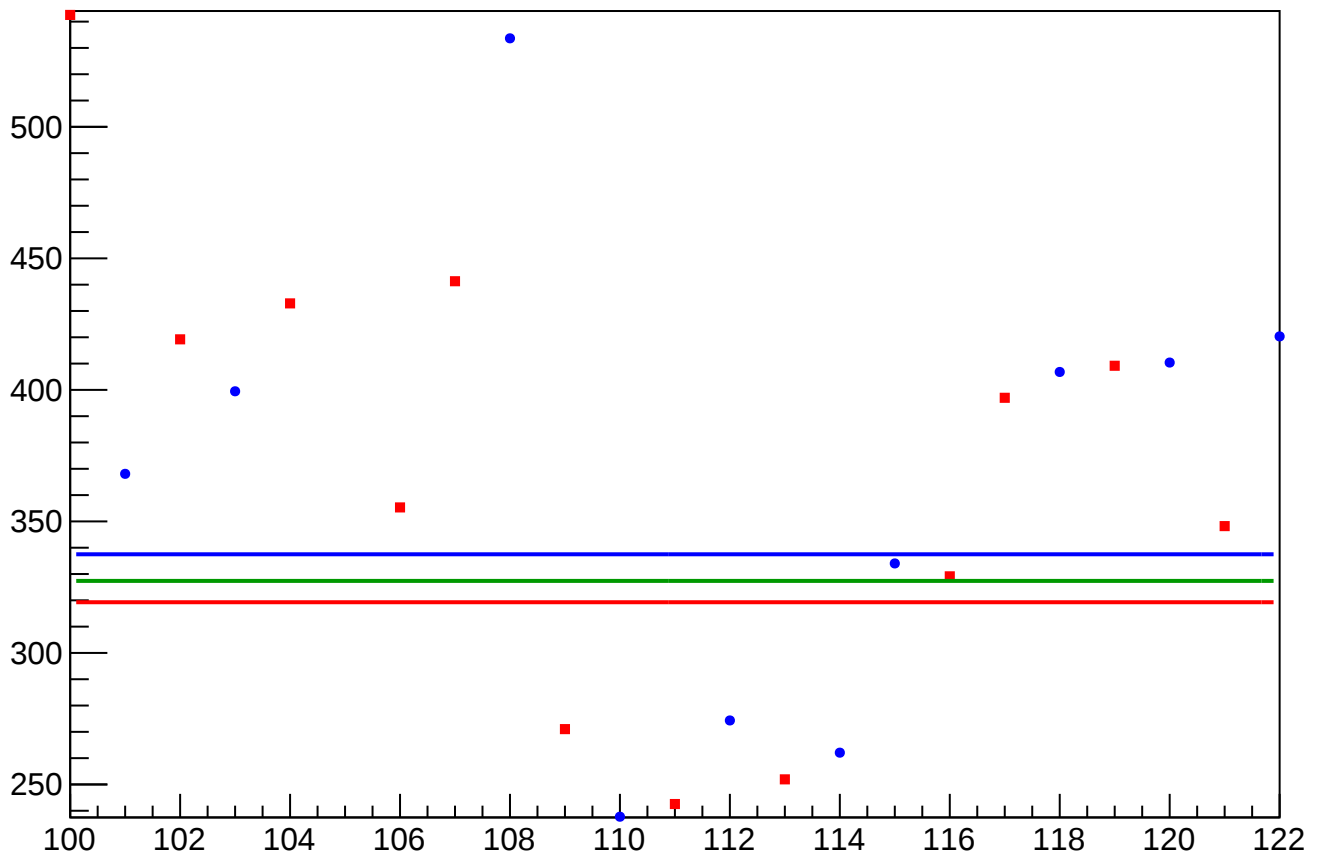
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-204.571+/-177.825 χ^2/NDF : 46.9/9

-354.613+/-118.612 χ^2/NDF : 120.8/21

-474.870+/-159.200 χ^2/NDF : 72.7/11

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 337.503 ± 0.126 $\chi^2/\text{NDF}: 407592.4/9$

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

Right Out: 319.273 ± 0.113 $\chi^2/\text{NDF}: 446507.0/11$

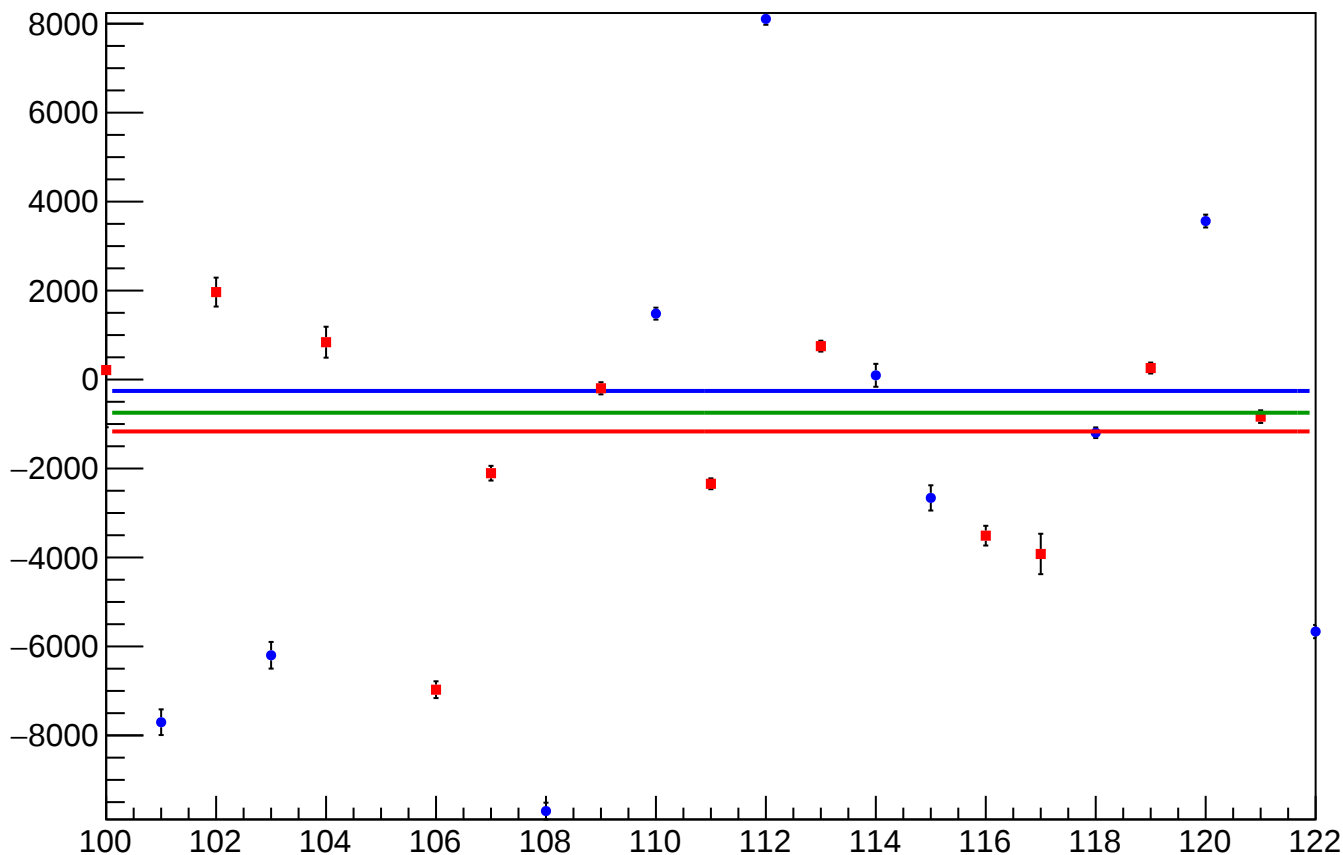
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

337.503 ± 0.126 $\chi^2/\text{NDF}: 407592.4/9$

327.384 ± 0.084 $\chi^2/\text{NDF}: 865767.5/21$

319.273 ± 0.113 $\chi^2/\text{NDF}: 446507.0/11$

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -256.028+/-53.174 χ^2/NDF : 9867.6/9

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

Right Out: -1166.658+/-49.284 χ^2/NDF : 1783.2/11

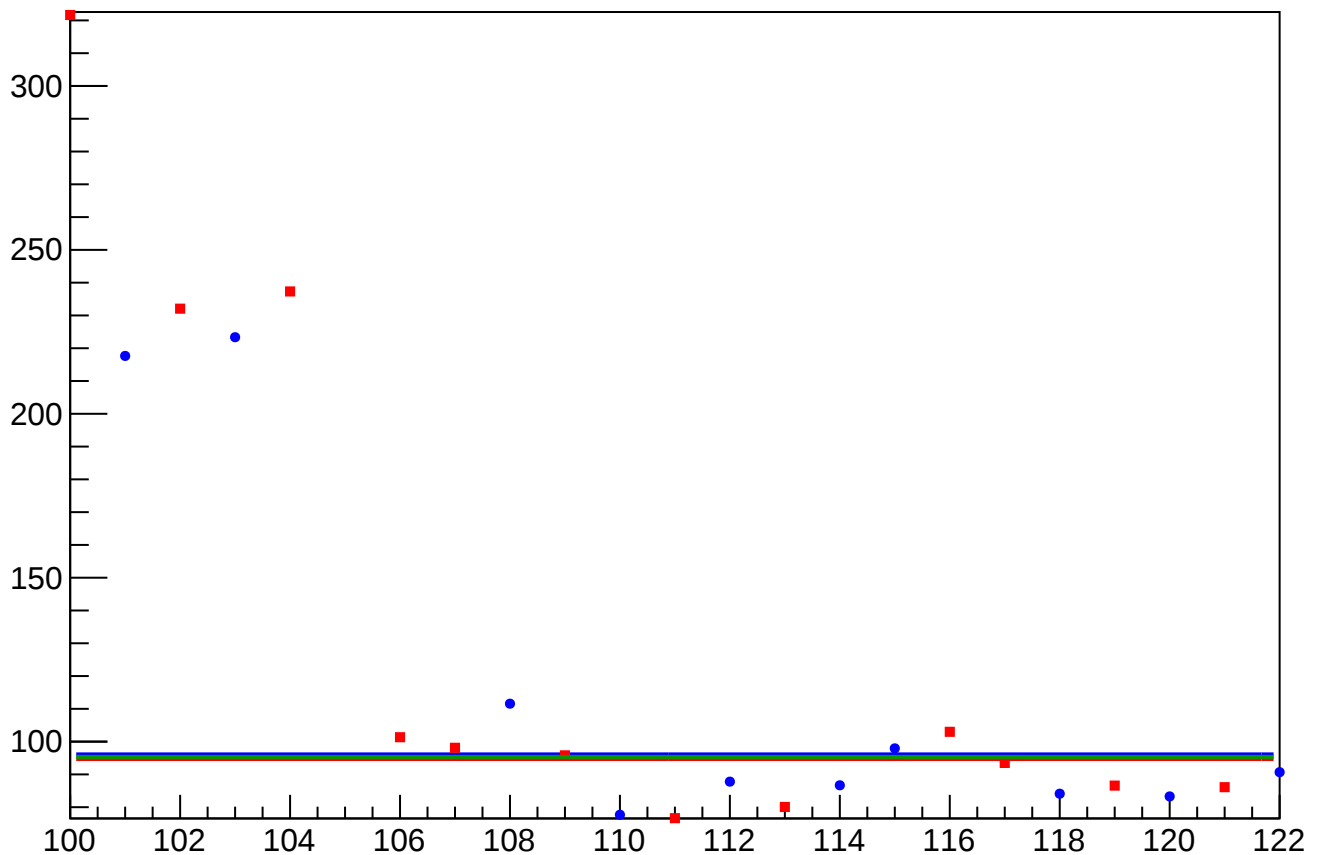
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-256.028+/-53.174 χ^2/NDF : 9867.6/9

-745.860+/-36.146 χ^2/NDF : 11808.5/21

-1166.658+/-49.284 χ^2/NDF : 1783.2/11

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.106+/-0.038 χ^2/NDF : 813983.9/9

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

Right Out: 94.688+/-0.035 χ^2/NDF : 850422.9/11

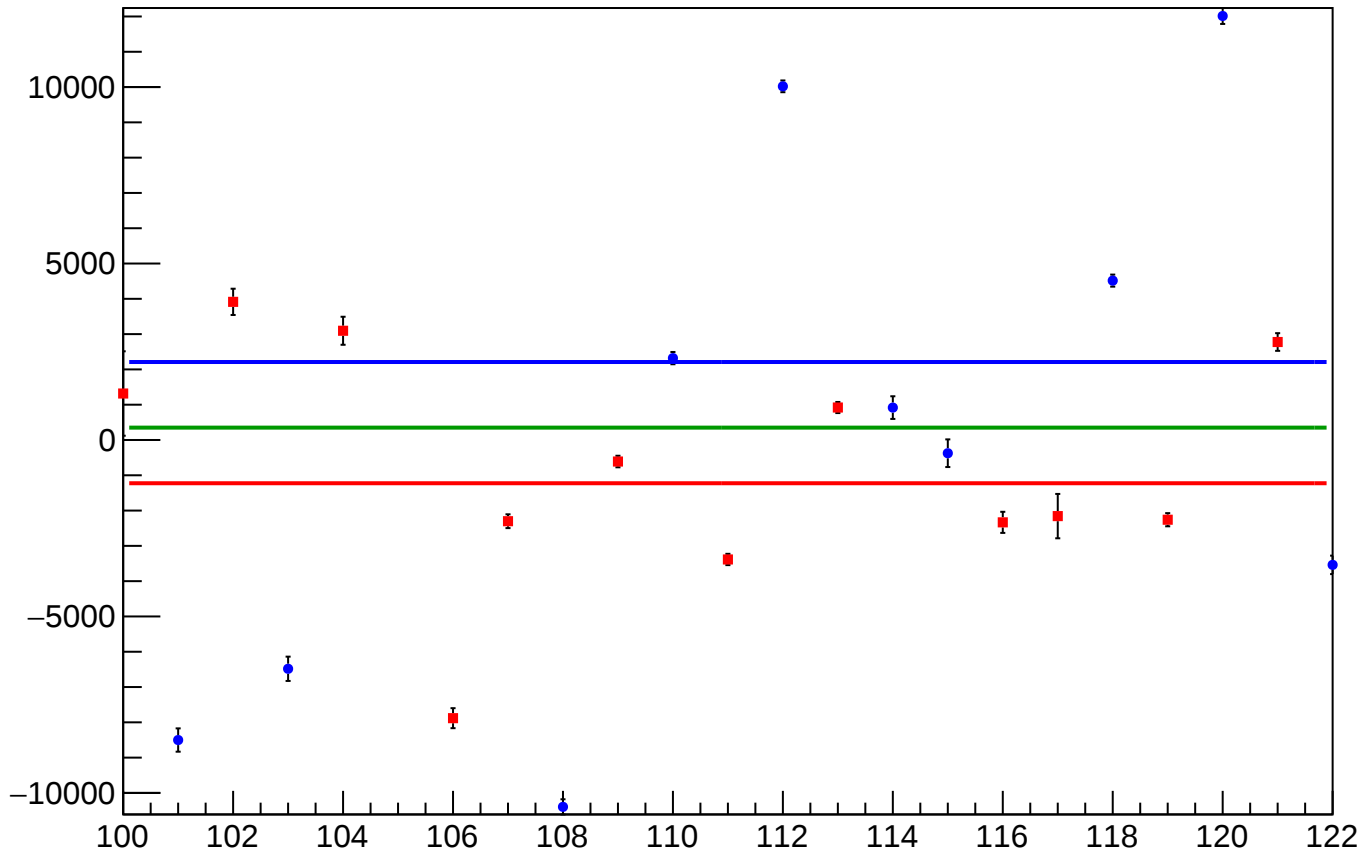
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.106+/-0.038 χ^2/NDF : 813983.9/9

95.344+/-0.026 χ^2/NDF : 1665172.0/21

94.688+/-0.035 χ^2/NDF : 850422.9/11

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2209.505+/-71.931 χ^2/NDF : 9933.2/9

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

Right Out: -1225.475+/-66.226 χ^2/NDF : 1580.4/11

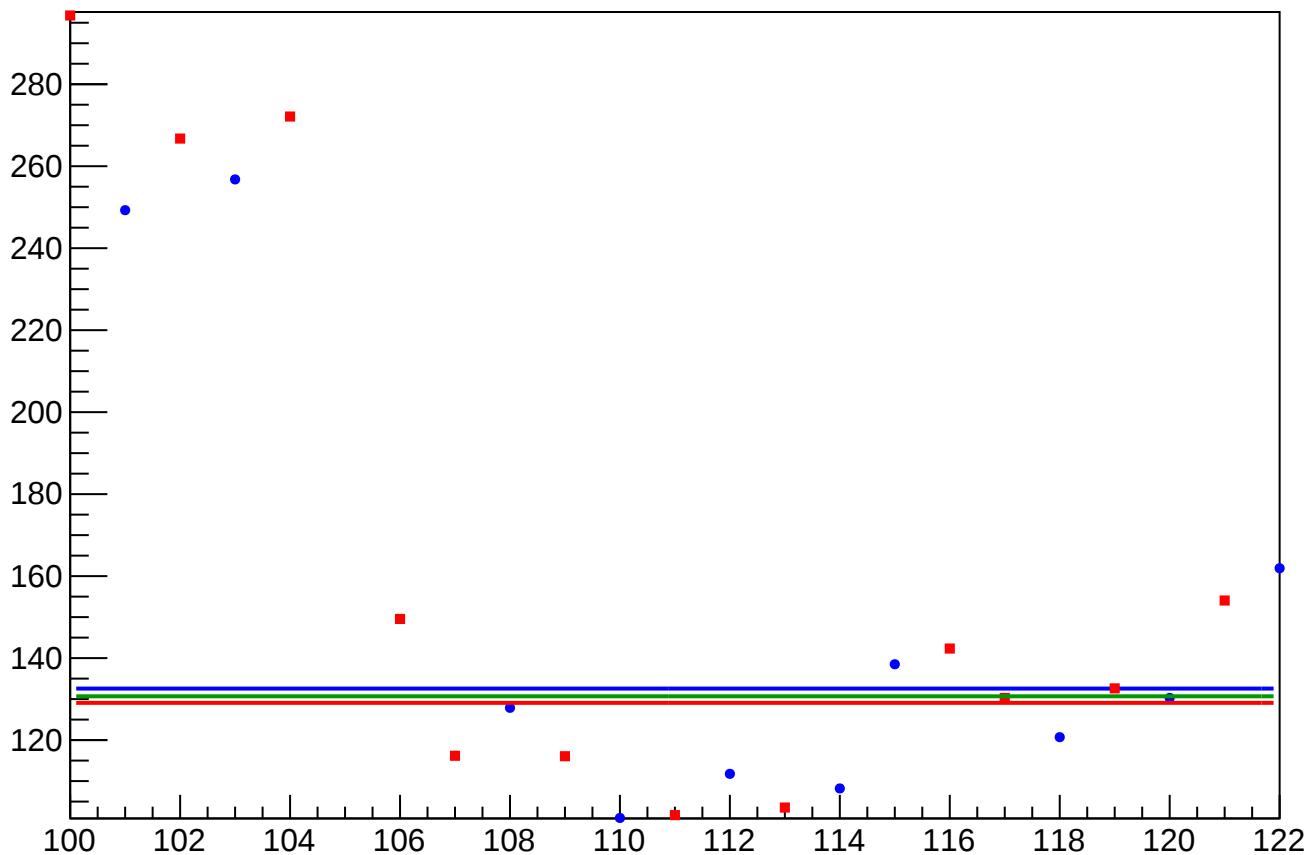
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2209.505+/-71.931 χ^2/NDF : 9933.2/9

350.396+/-48.721 χ^2/NDF : 12747.9/21

-1225.475+/-66.226 χ^2/NDF : 1580.4/11

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 132.567 $\pm$ 0.051 χ^2 /NDF: 655325.9/9

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

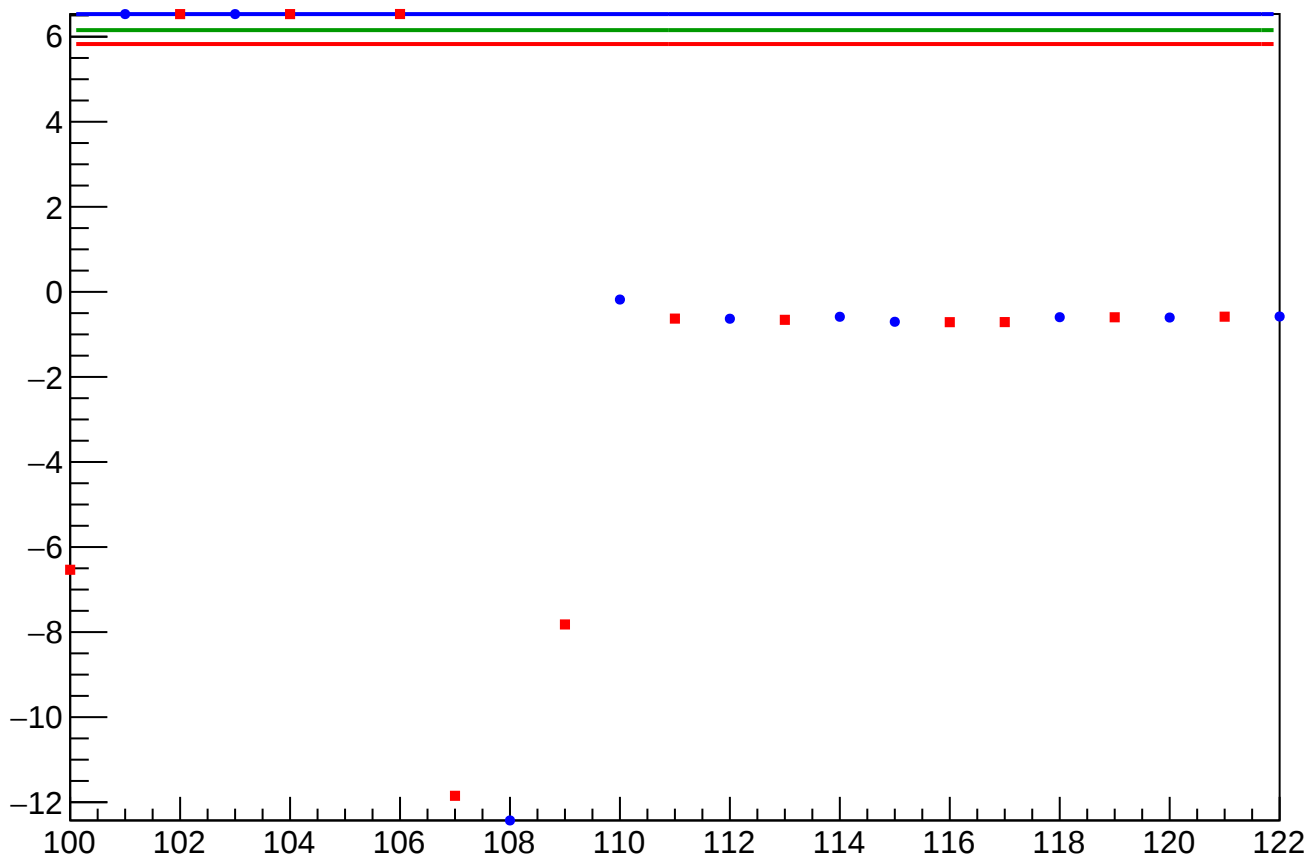
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132.567 $\pm$ 0.051 χ^2 /NDF: 655325.9/9

130.684 $\pm$ 0.034 χ^2 /NDF: 1398213.8/21

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 : 55029976678.1/9

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

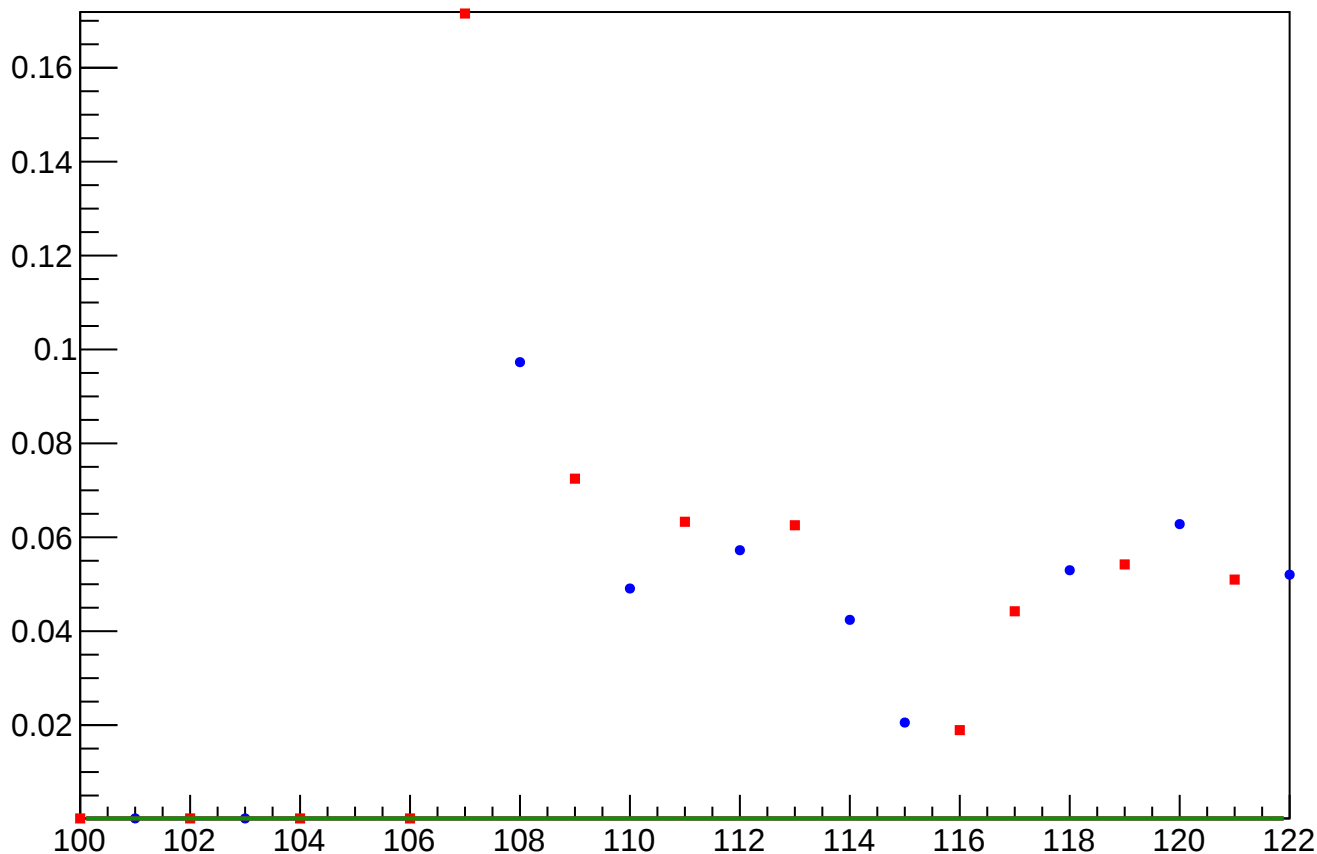
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

6.532 $\pm$ 0.000 χ^2/NDF : 55029976678.1/9

6.155 $\pm$ 0.000 χ^2/NDF : 77595757360331

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 : 4518174.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4801553.3/11

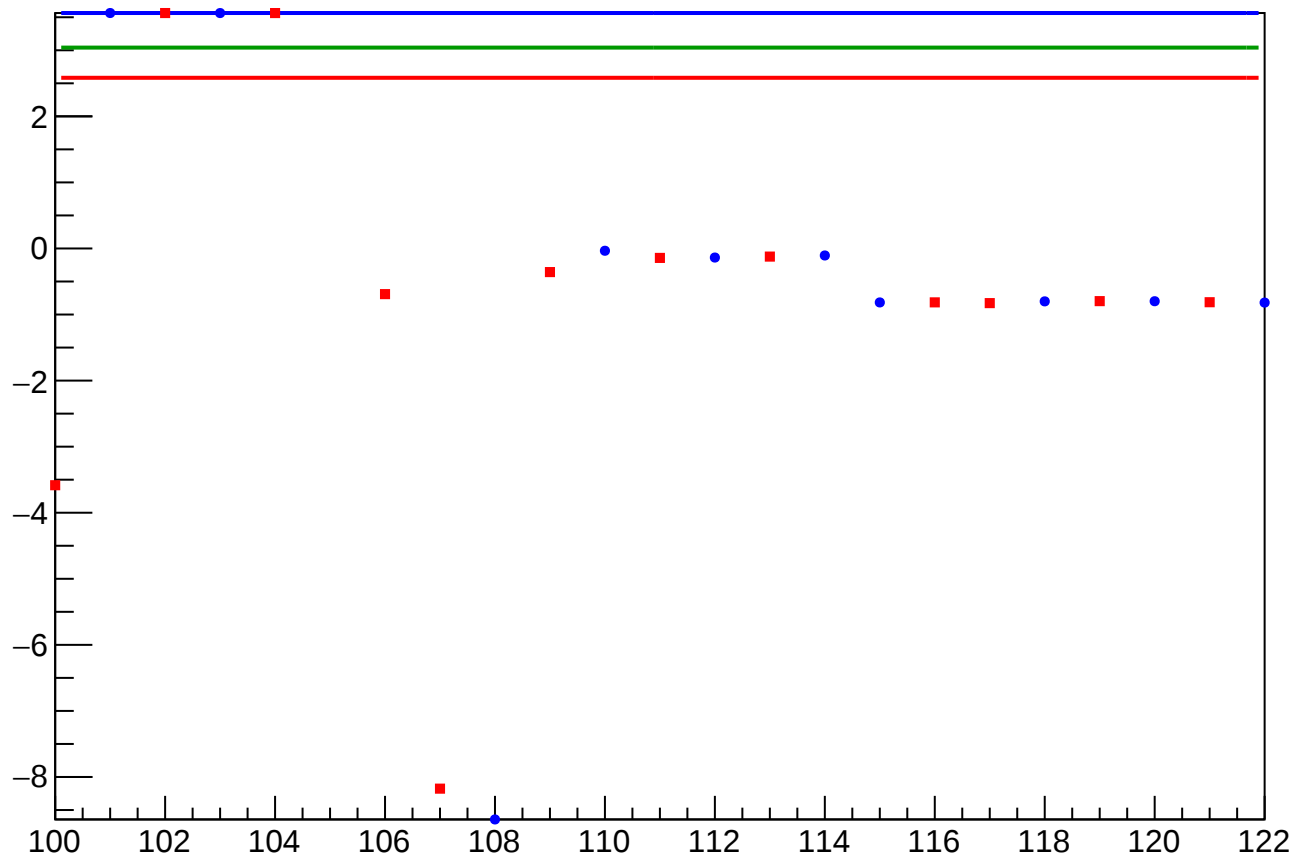
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4518174.1/9

0.000+/-0.000 χ^2/NDF : 9319936.3/21

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 : 101867991576.8/9

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253296130256236.5/11

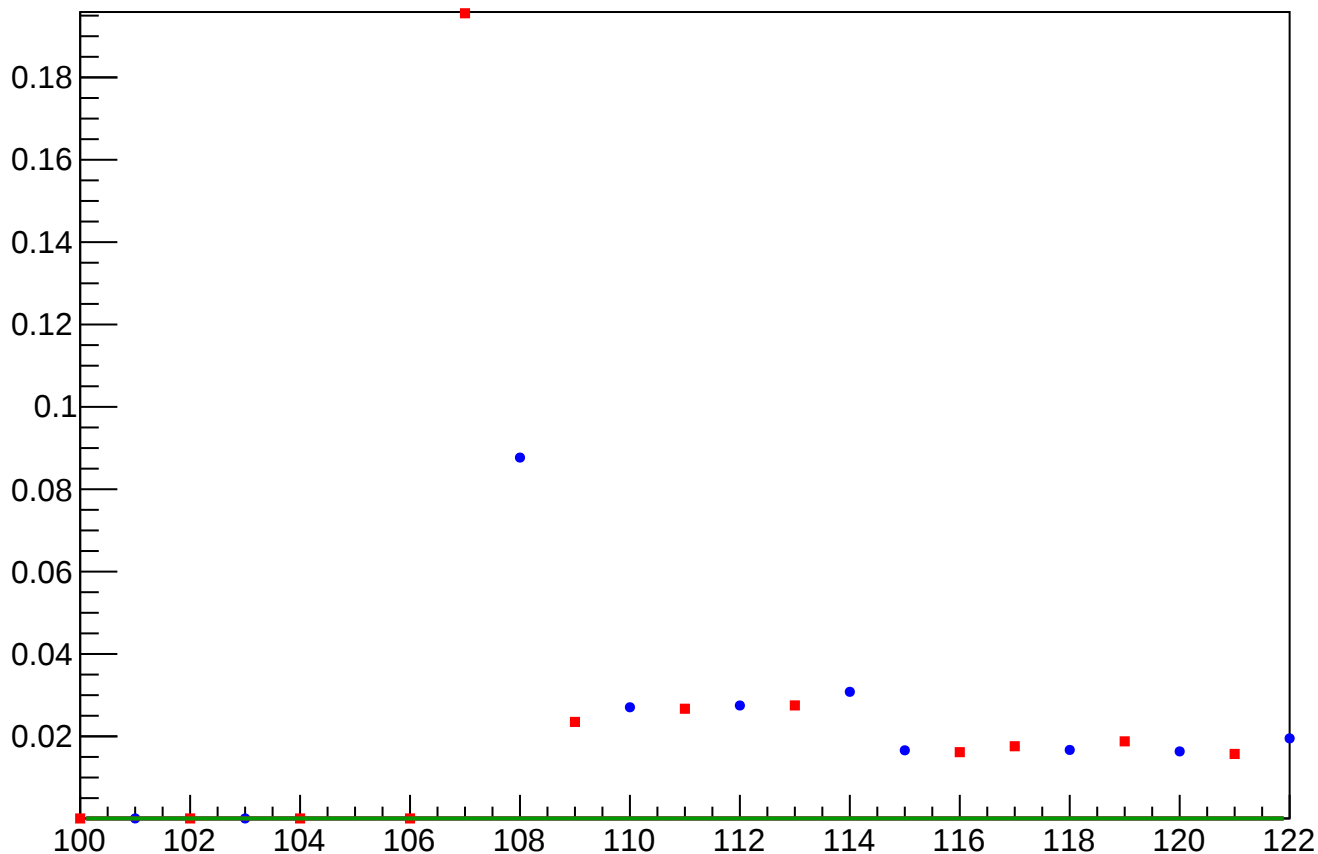
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 101867991576.8/9

3.041+/-0.000 χ^2/NDF : 13816954495677

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 : 4814692.2/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4888763.9/11

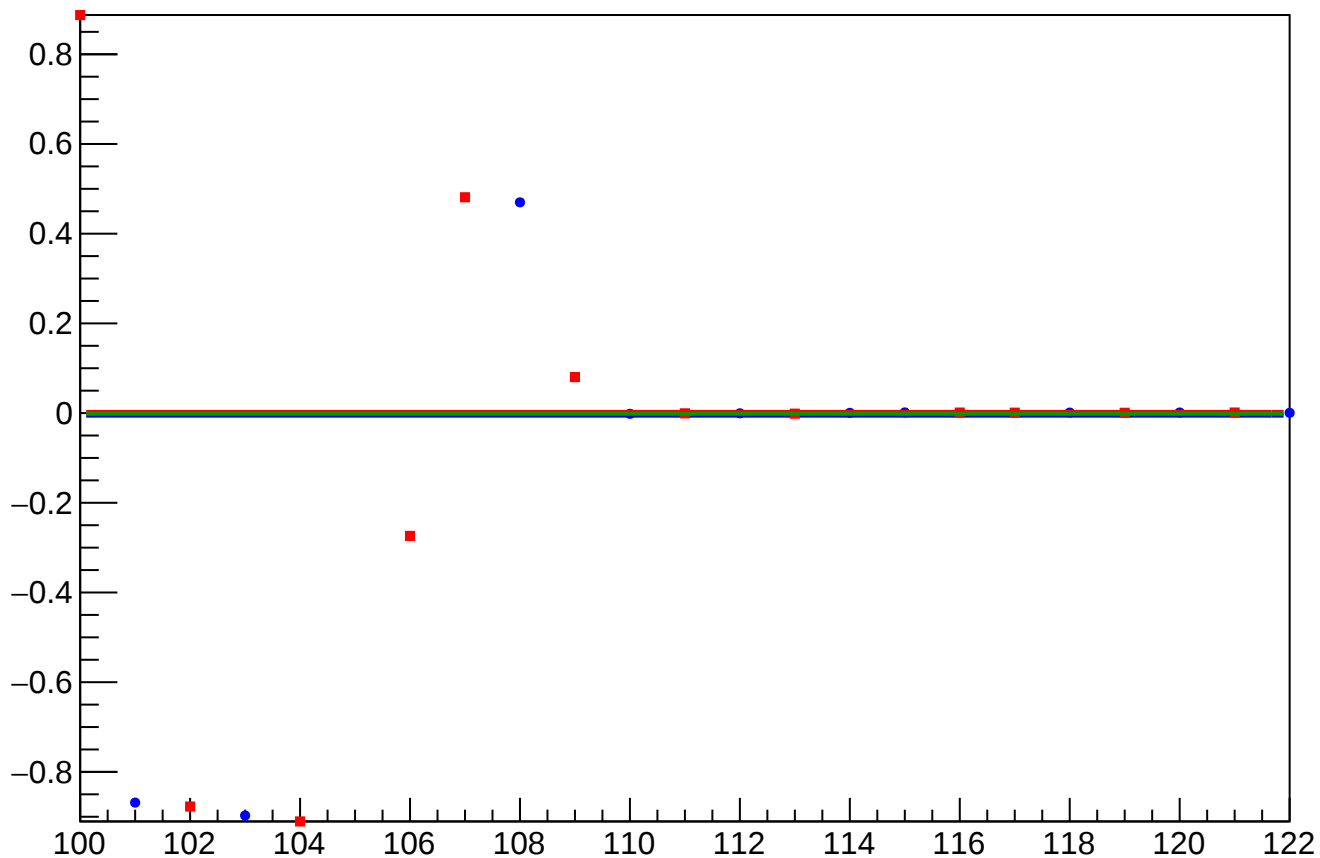
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4814692.2/9

0.000+/-0.000 χ^2/NDF : 9703653.0/21

0.000+/-0.000 χ^2/NDF : 4888763.9/11

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.000 χ^2/NDF : 9779640716.6/9

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

Right Out: 0.003+/-0.000 χ^2/NDF : 3038204108.3/11

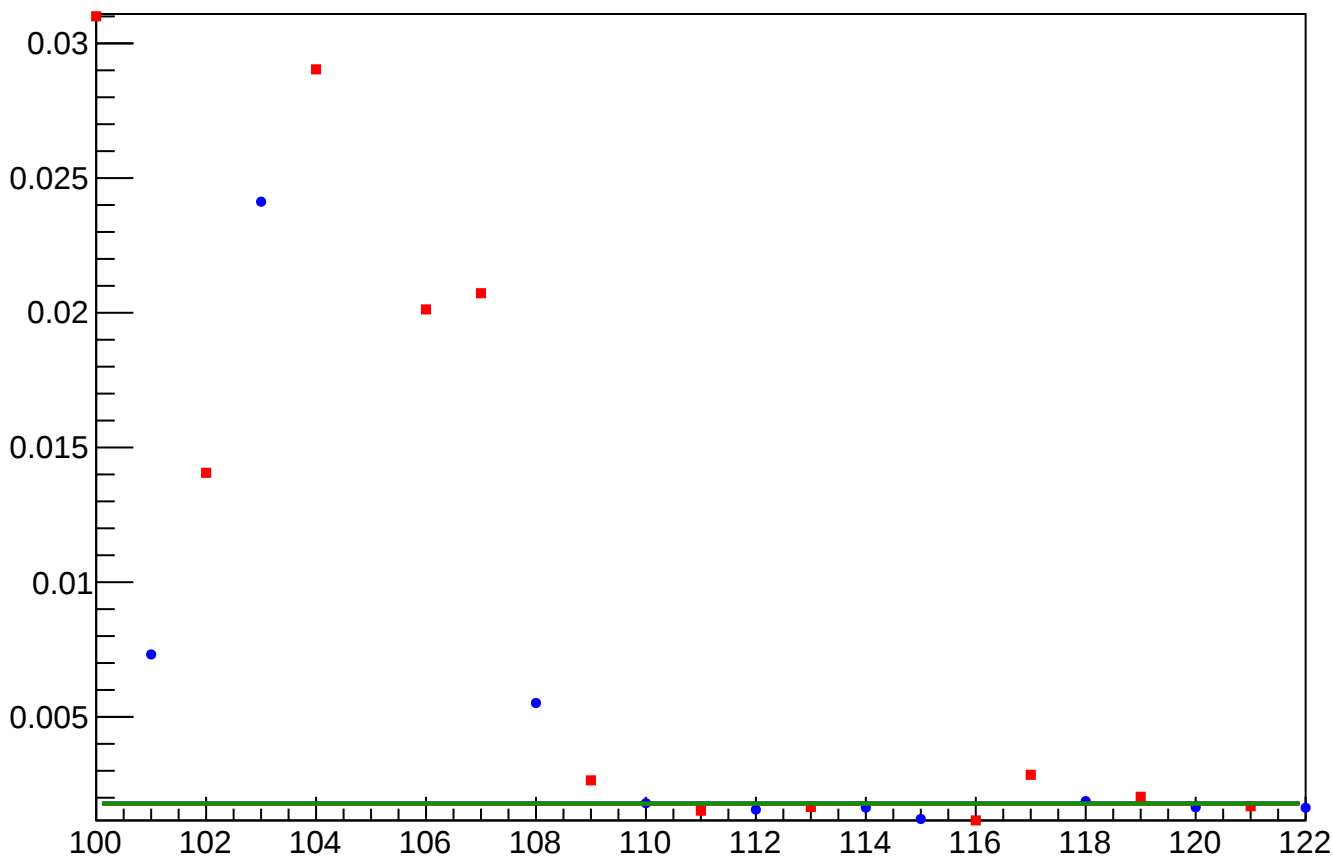
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.006+/-0.000 χ^2/NDF : 9779640716.6/9

-0.002+/-0.000 χ^2/NDF : 12843847209.5/11

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 : 1708366.7/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2854401.9/11

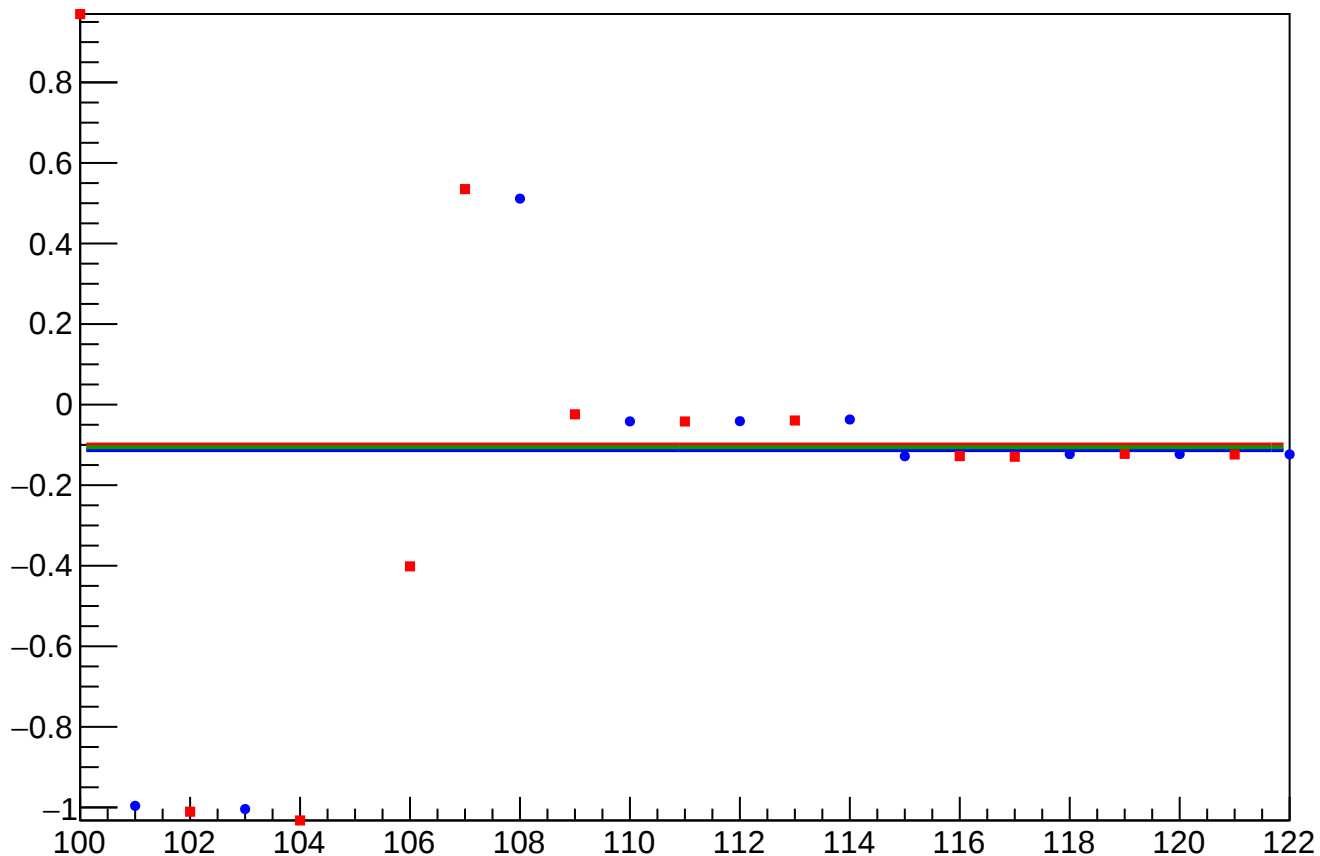
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1708366.7/9

0.002+/-0.000 χ^2/NDF : 4562927.4/21

0.002+/-0.000 χ^2/NDF : 2854401.9/11

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.113+/-0.000 χ^2/NDF : 3882825134.0/9

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

Right Out: -0.099+/-0.000 χ^2/NDF : 2202164695.5/11

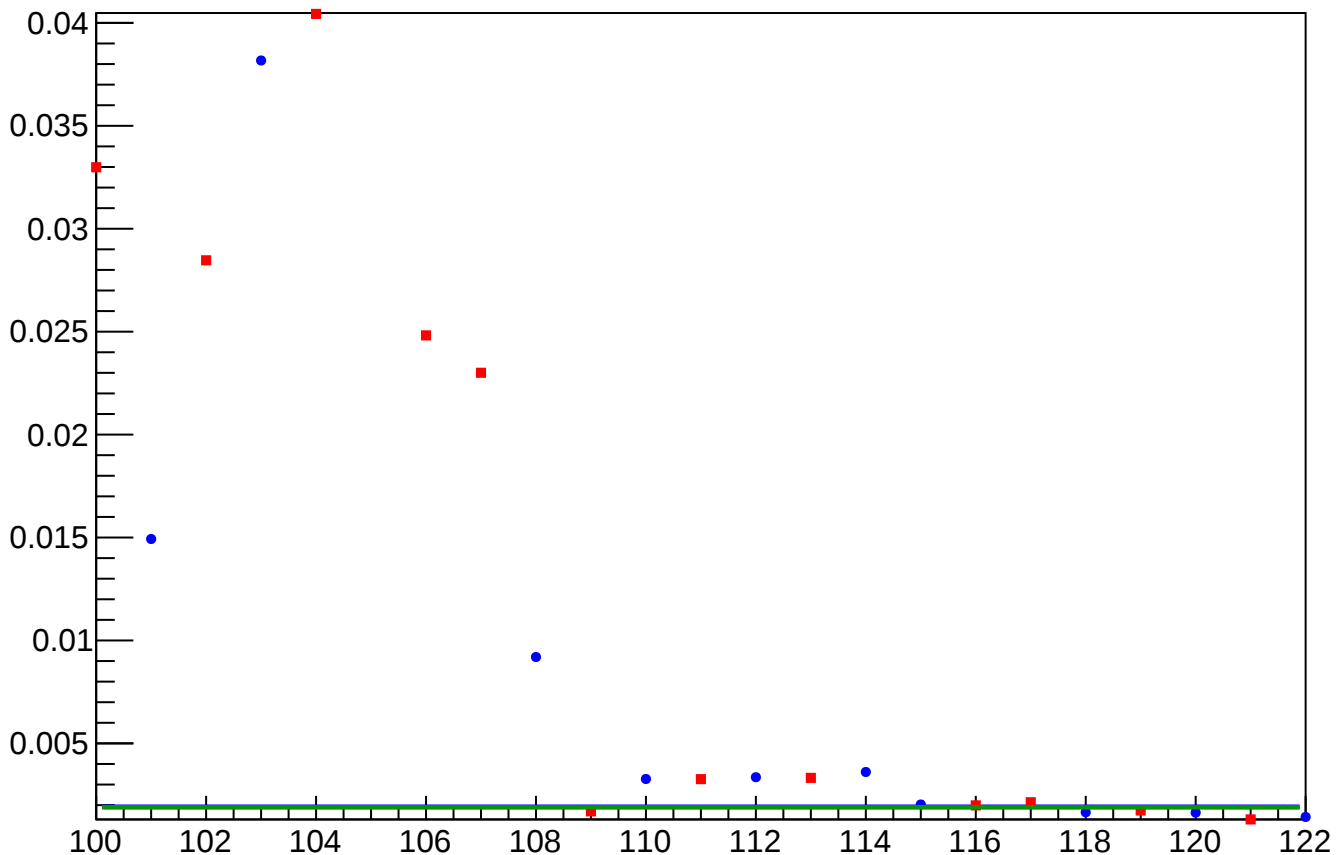
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.113+/-0.000 χ^2/NDF : 3882825134.0/9

-0.106+/-0.000 χ^2/NDF : 6144691552.5/2

-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 : 2585773.8/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3245863.9/11

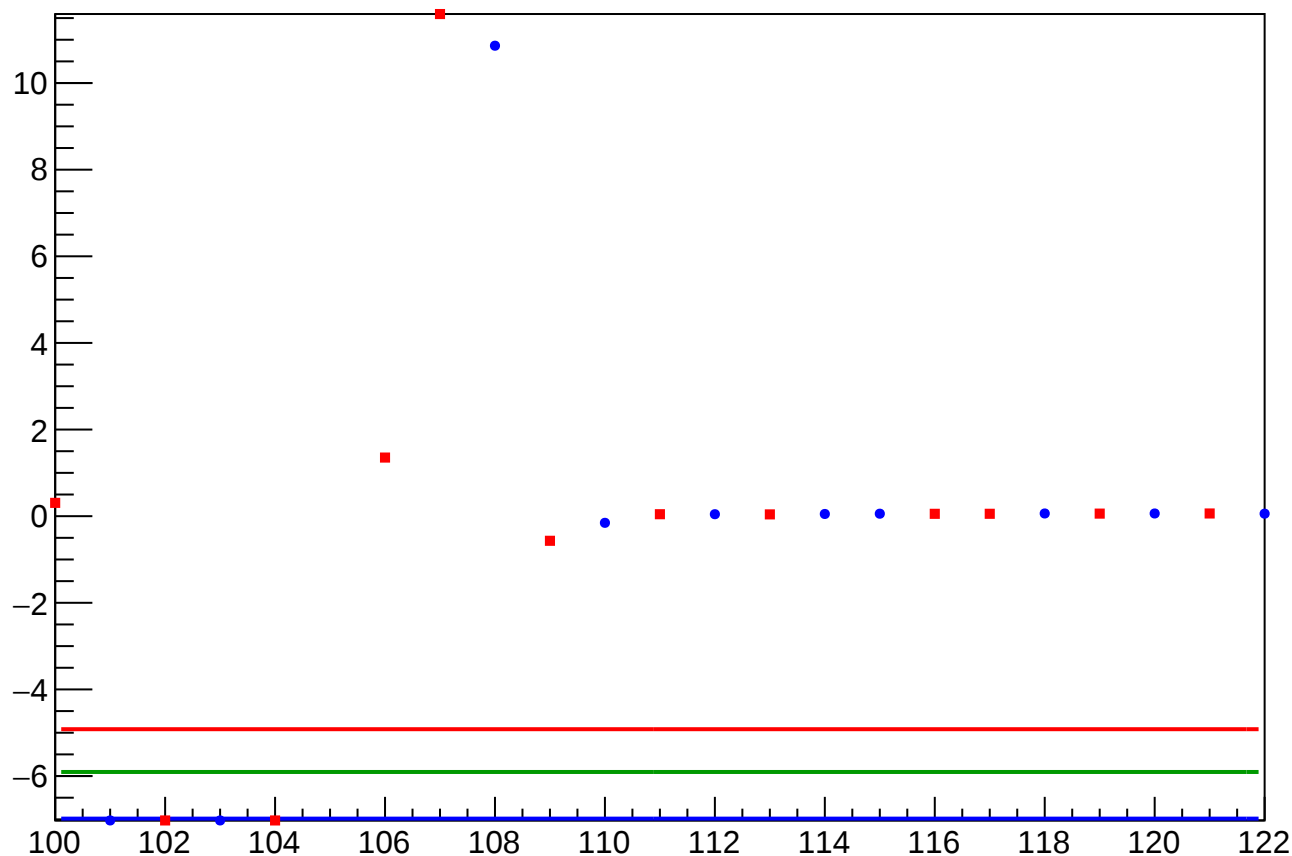
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2585773.8/9

0.002+/-0.000 χ^2/NDF : 5833349.0/21

0.002+/-0.000 χ^2/NDF : 3245863.9/11

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.983+/-0.000 χ^2/NDF : 7320905089493.5/9

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

Right Out: -4.918+/-0.000 χ^2/NDF : 364735897427544.1/11

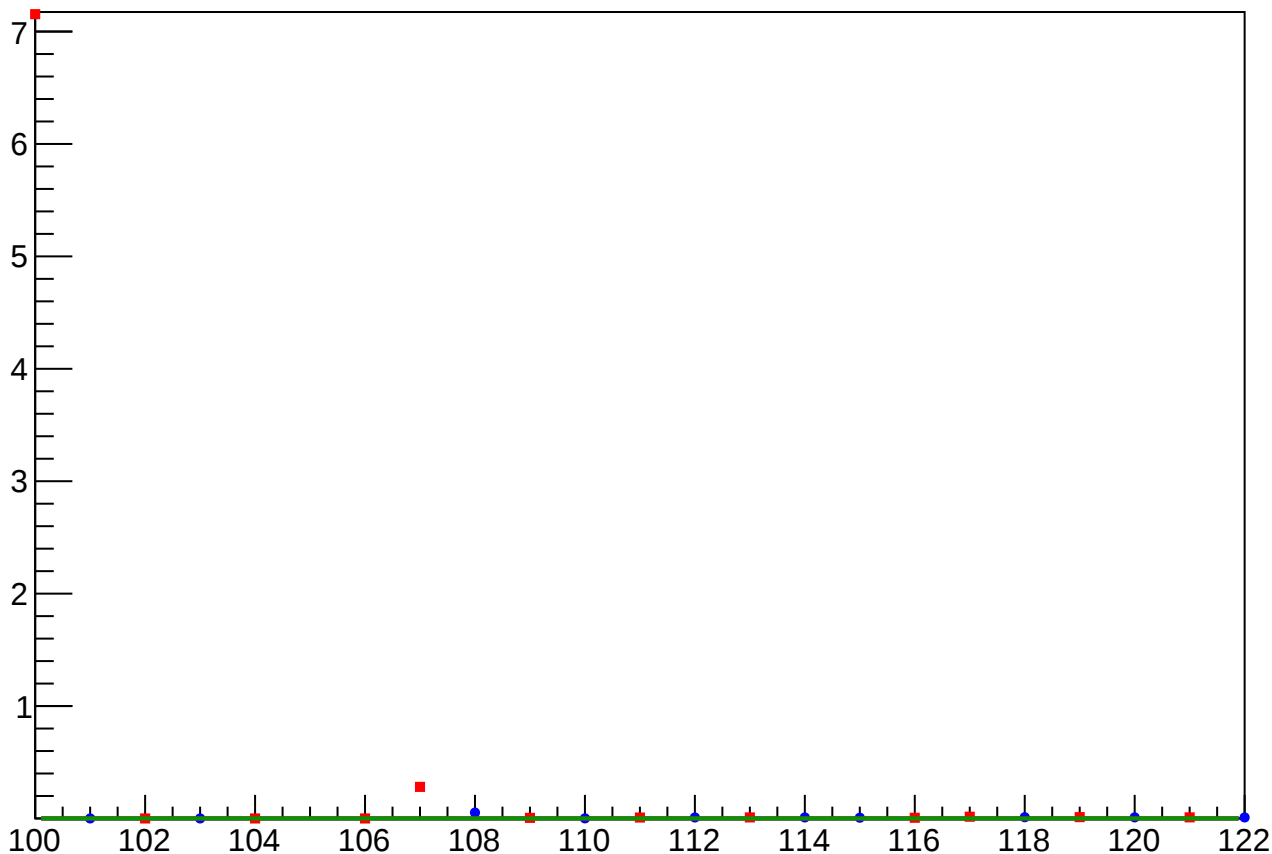
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.983+/-0.000 χ^2/NDF : 7320905089493.5/9

-5.906+/-0.000 χ^2/NDF : 4283884530164

-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 : 3942516.4/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4467912.1/11

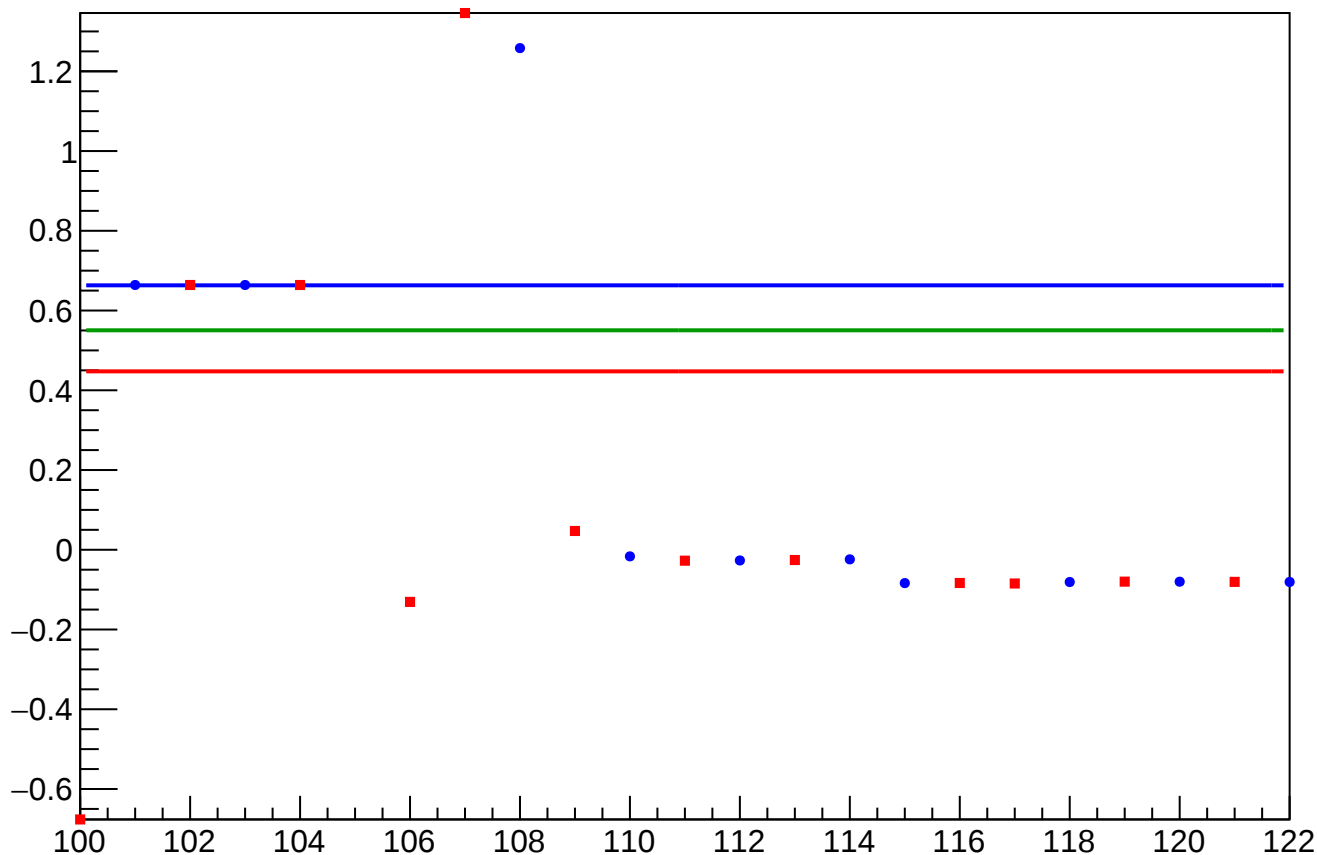
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3942516.4/9

0.000+/-0.000 χ^2/NDF : 8410525.2/21

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 : 1682880903105.5/9

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403612634408373.9/11

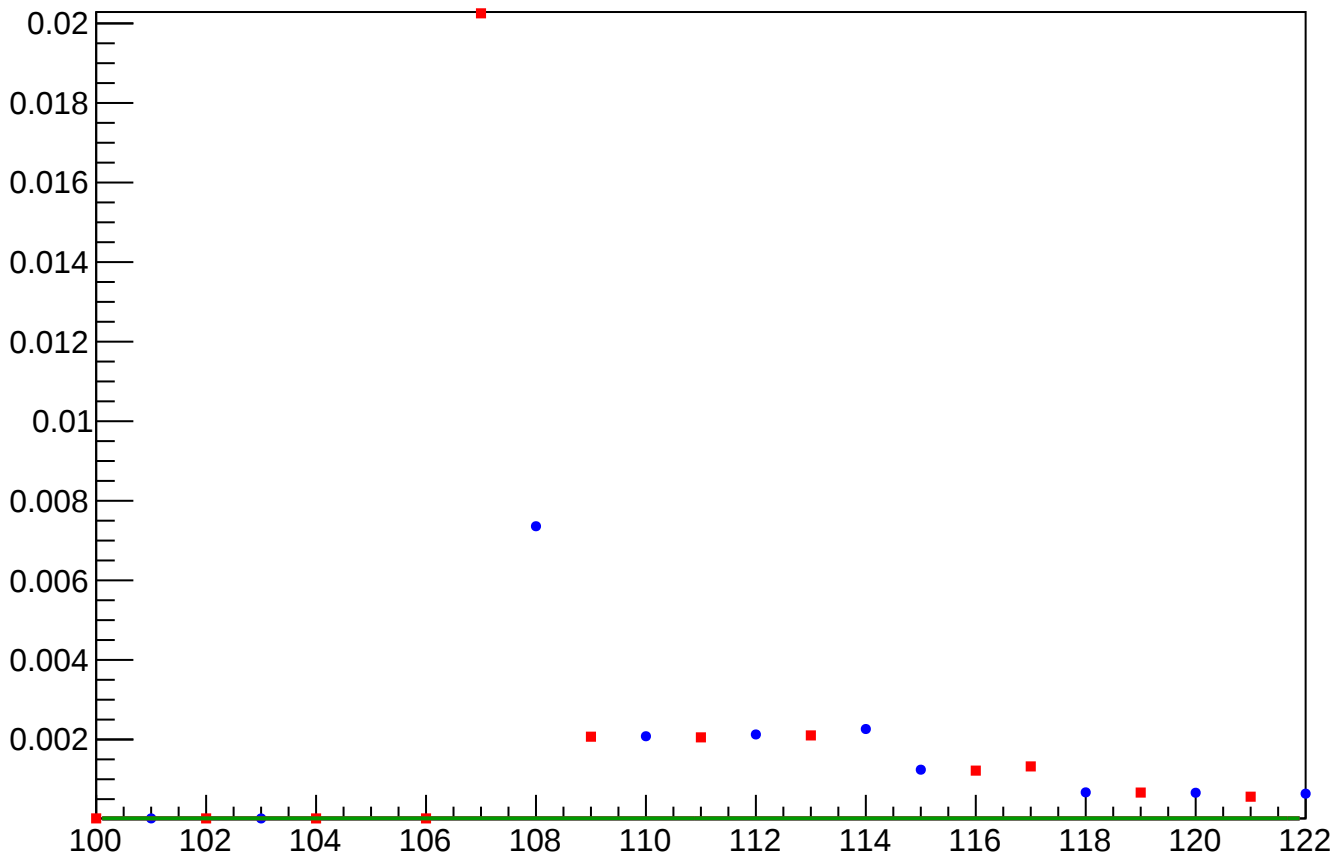
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 1682880903105.5/9

0.550+/-0.000 χ^2/NDF : 46854580658824

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 : 4890660.8/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4570715.5/11

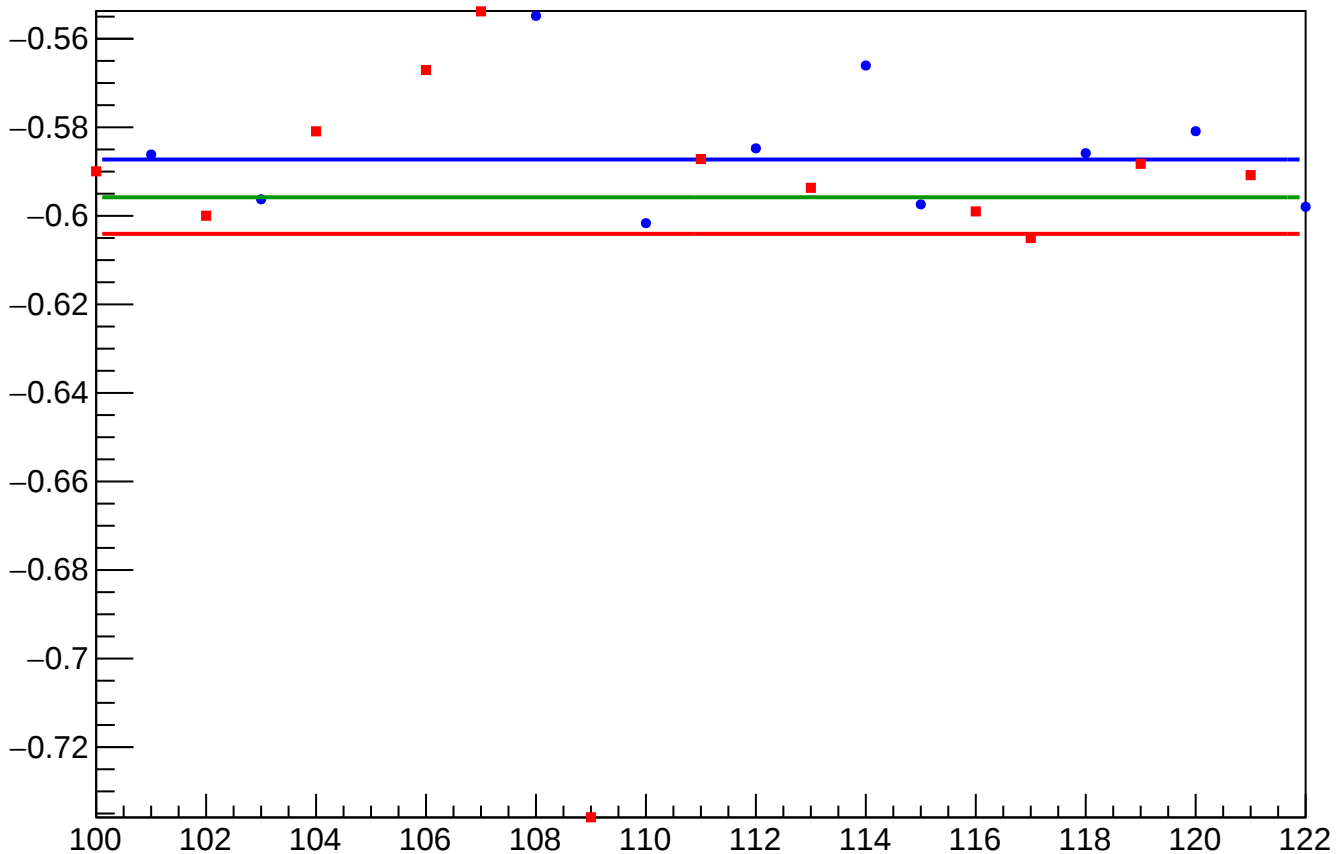
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4890660.8/9

0.000+/-0.000 χ^2/NDF : 9461431.2/21

0.000+/-0.000 χ^2/NDF : 4570715.5/11

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.587+/-0.000 χ^2/NDF : 593788.5/9

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

Right Out: -0.604+/-0.000 χ^2/NDF : 10123390.5/11

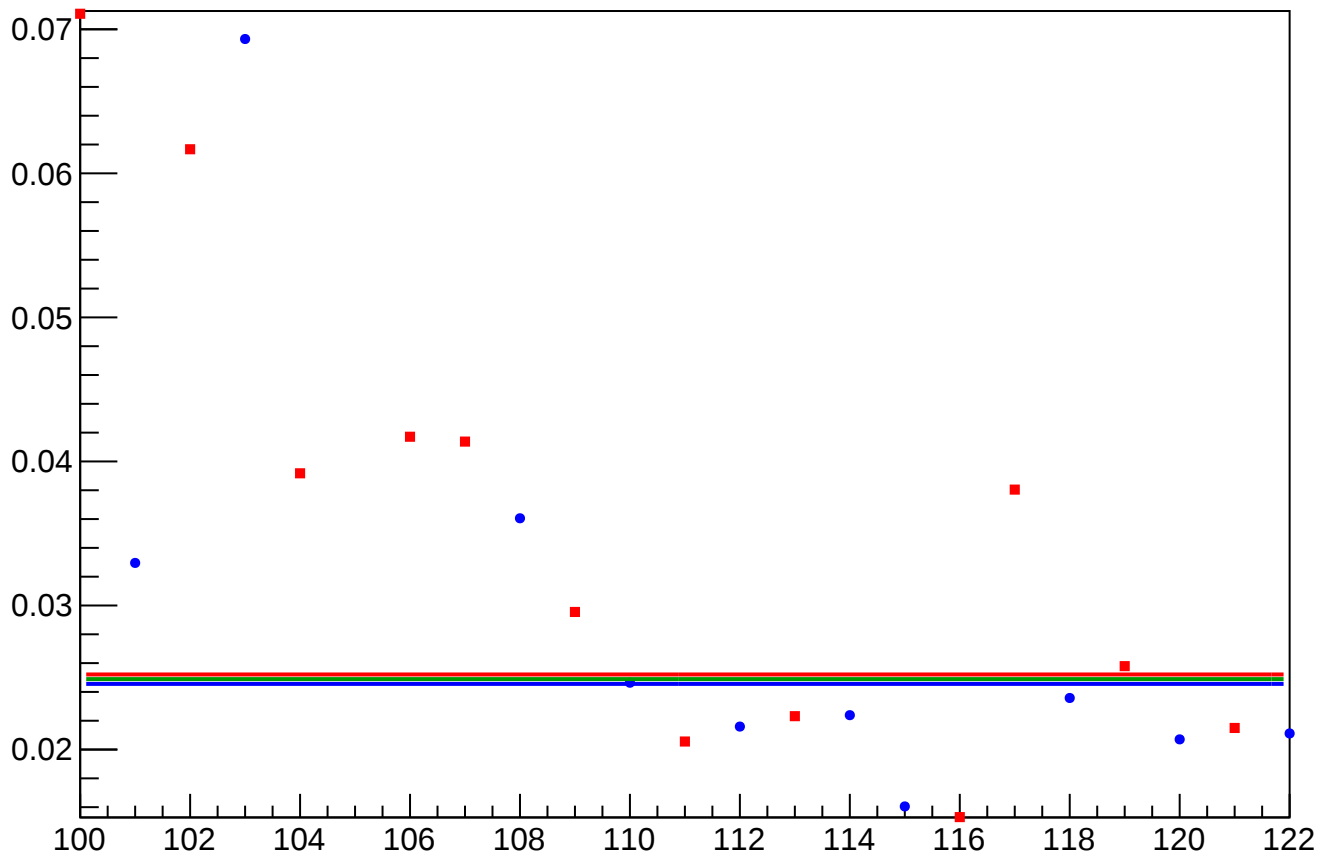
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.587+/-0.000 χ^2/NDF : 593788.5/9

-0.596+/-0.000 χ^2/NDF : 11415582.9/21

-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 : 701721.6/9

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

Right Out: 0.025+/-0.000 χ^2/NDF : 912743.9/11

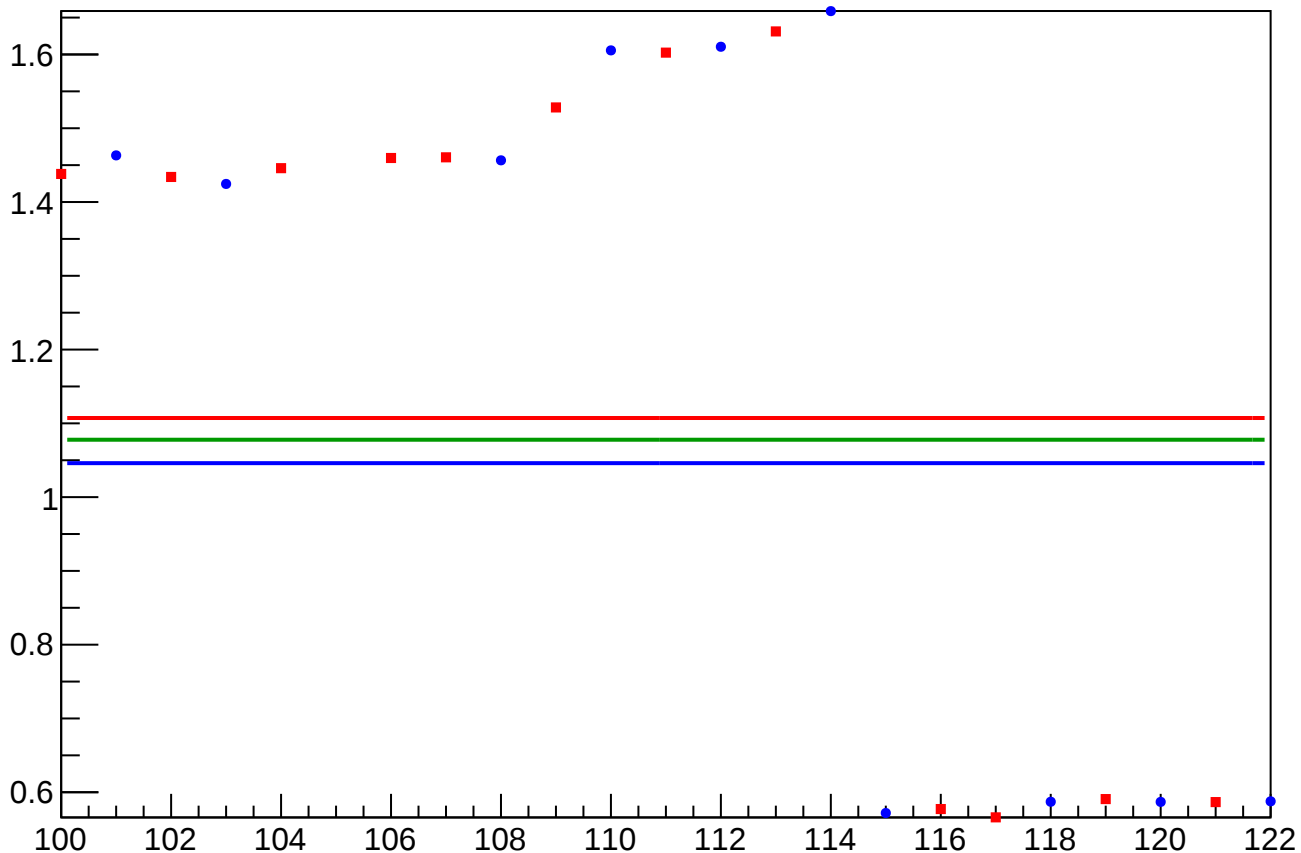
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 701721.6/9

0.025+/-0.000 χ^2/NDF : 1616583.5/21

0.025+/-0.000 χ^2/NDF : 912743.9/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.046+/-0.000 χ^2/NDF : 2257293559.6/9

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

Right Out: 1.107+/-0.000 χ^2/NDF : 2424419775.5/11

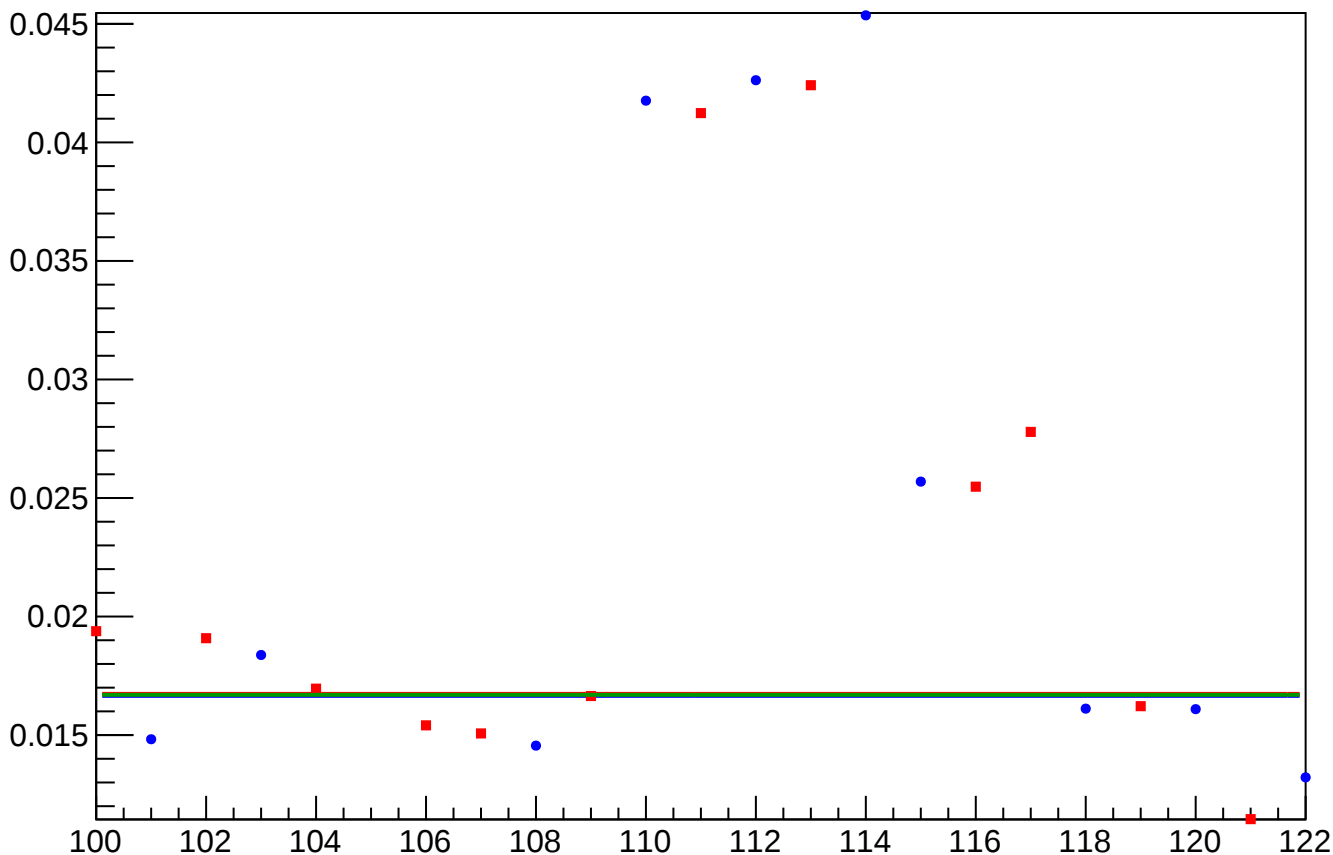
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.046+/-0.000 χ^2/NDF : 2257293559.6/9

1.078+/-0.000 χ^2/NDF : 4704473120.5/21

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 : 775356.7/9

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

Right Out: 0.017+/-0.000 χ^2/NDF : 860997.2/11

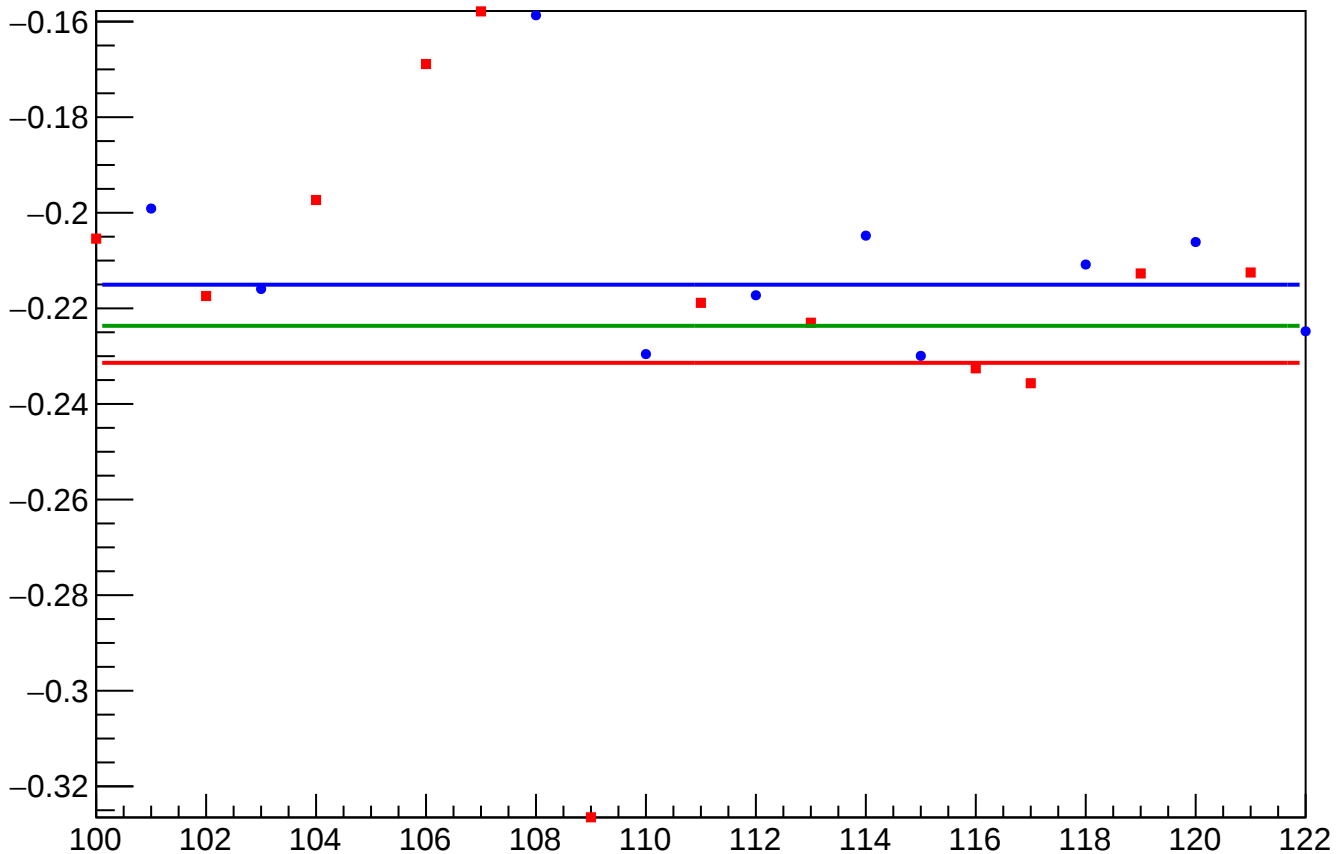
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 775356.7/9

0.017+/-0.000 χ^2/NDF : 1636435.2/21

0.017+/-0.000 χ^2/NDF : 860997.2/11

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.215+/-0.000 χ^2/NDF : 1377315.7/9

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

Right Out: -0.231+/-0.000 χ^2/NDF : 11118502.2/11

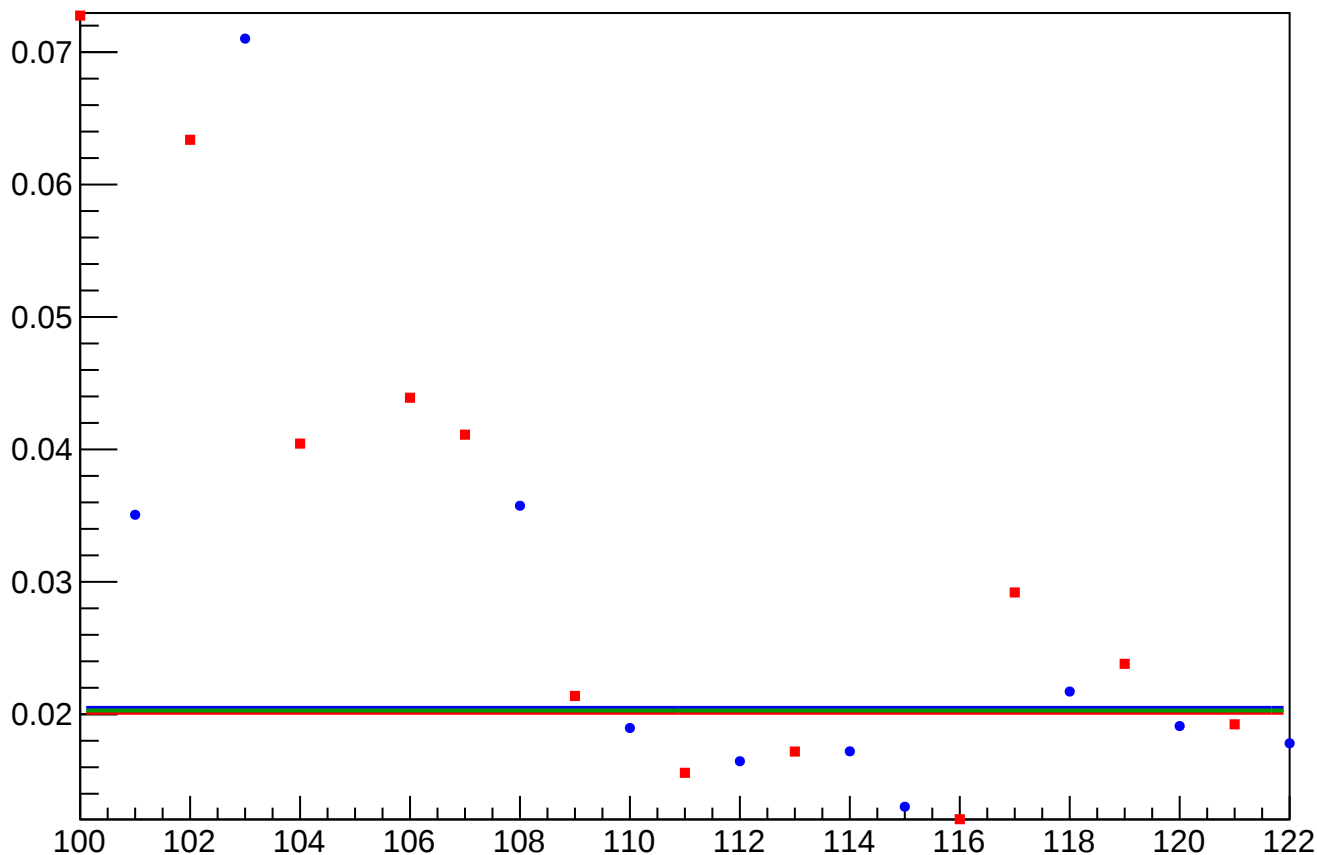
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.215+/-0.000 χ^2/NDF : 1377315.7/9

-0.224+/-0.000 χ^2/NDF : 13438658.5/21

-0.231+/-0.000 χ^2/NDF : 11118502.2/11

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 994662.3/9

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1298413.2/11

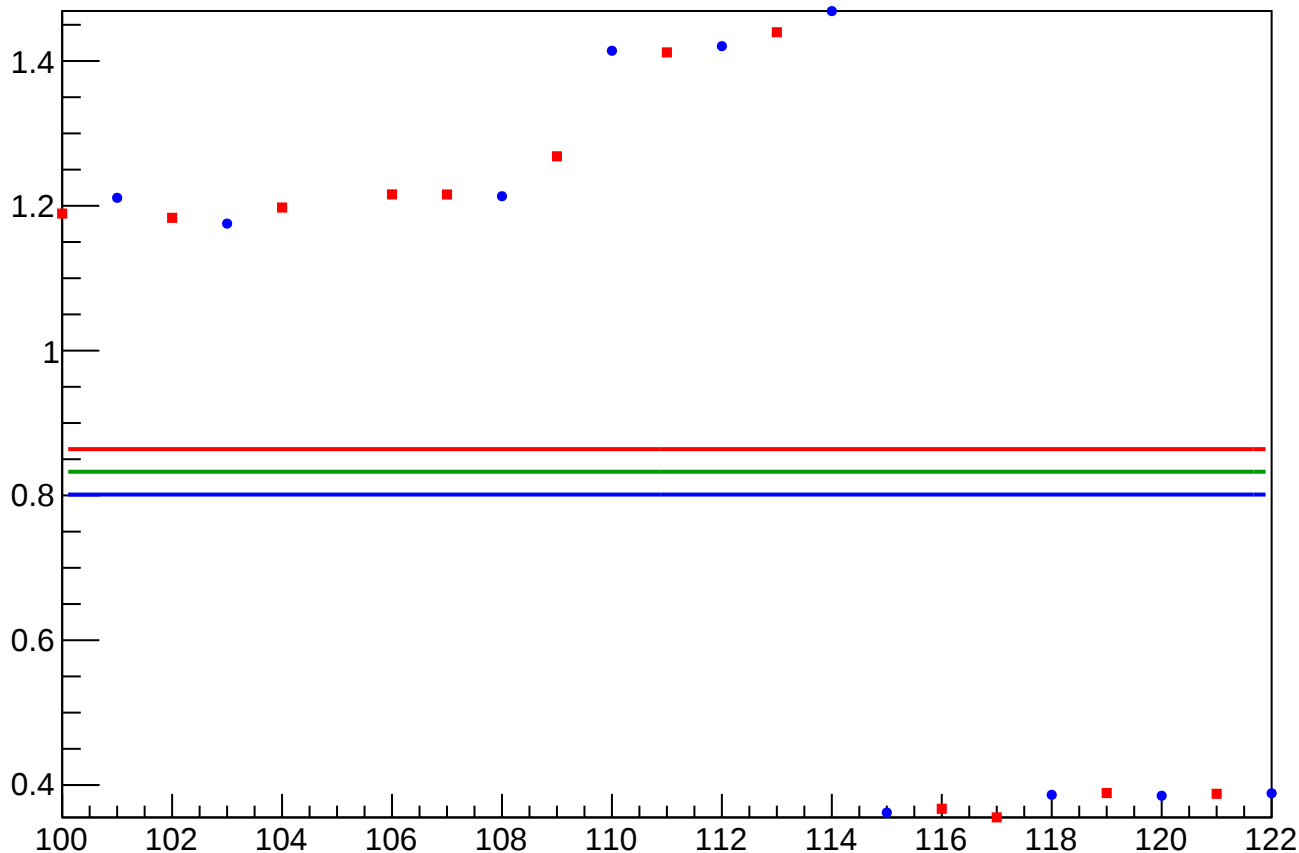
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 994662.3/9

0.020+/-0.000 χ^2/NDF : 2294025.2/21

0.020+/-0.000 χ^2/NDF : 1298413.2/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.801+/-0.000 χ^2/NDF : 3119540388.1/9

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

Right Out: 0.864+/-0.000 χ^2/NDF : 3130882705.8/11

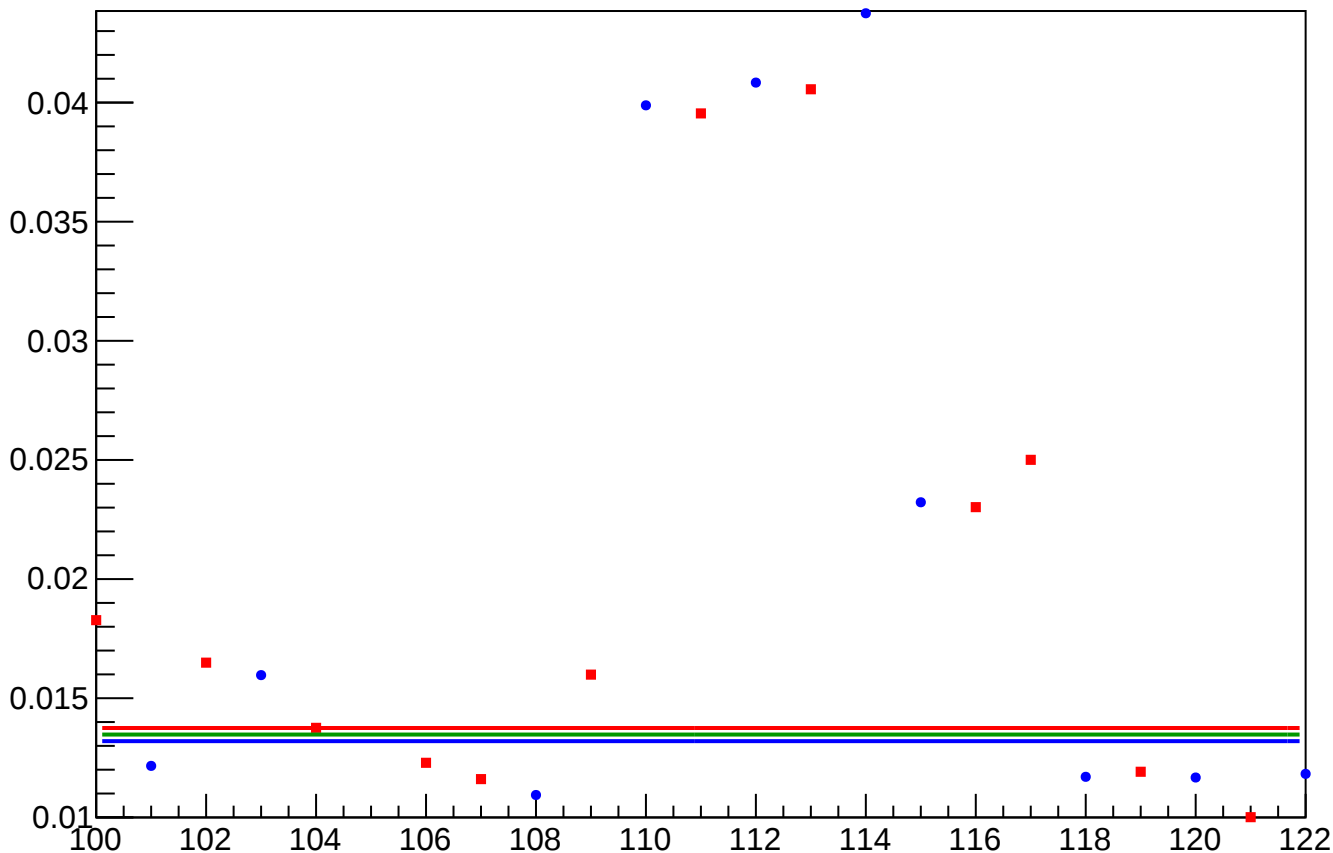
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.801+/-0.000 χ^2/NDF : 3119540388.1/9

0.833+/-0.000 χ^2/NDF : 6285981545.0/21

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 : 948941.6/9

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1017467.6/11

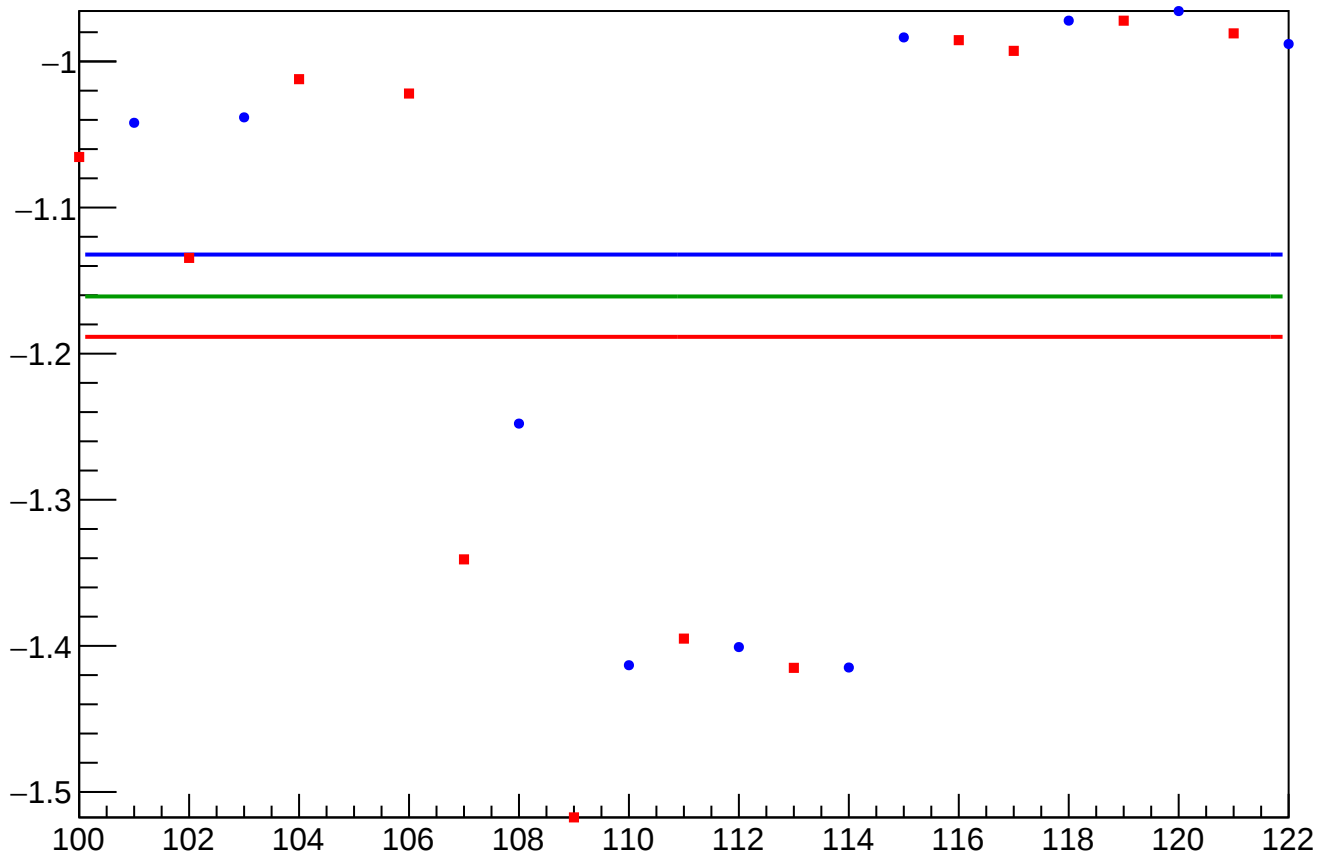
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 948941.6/9

0.013+/-0.000 χ^2/NDF : 1971912.3/21

0.014+/-0.000 χ^2/NDF : 1017467.6/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.132+/-0.000 χ^2/NDF : 190376895.7/9

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

Right Out: -1.188+/-0.000 χ^2/NDF : 250147432.3/11

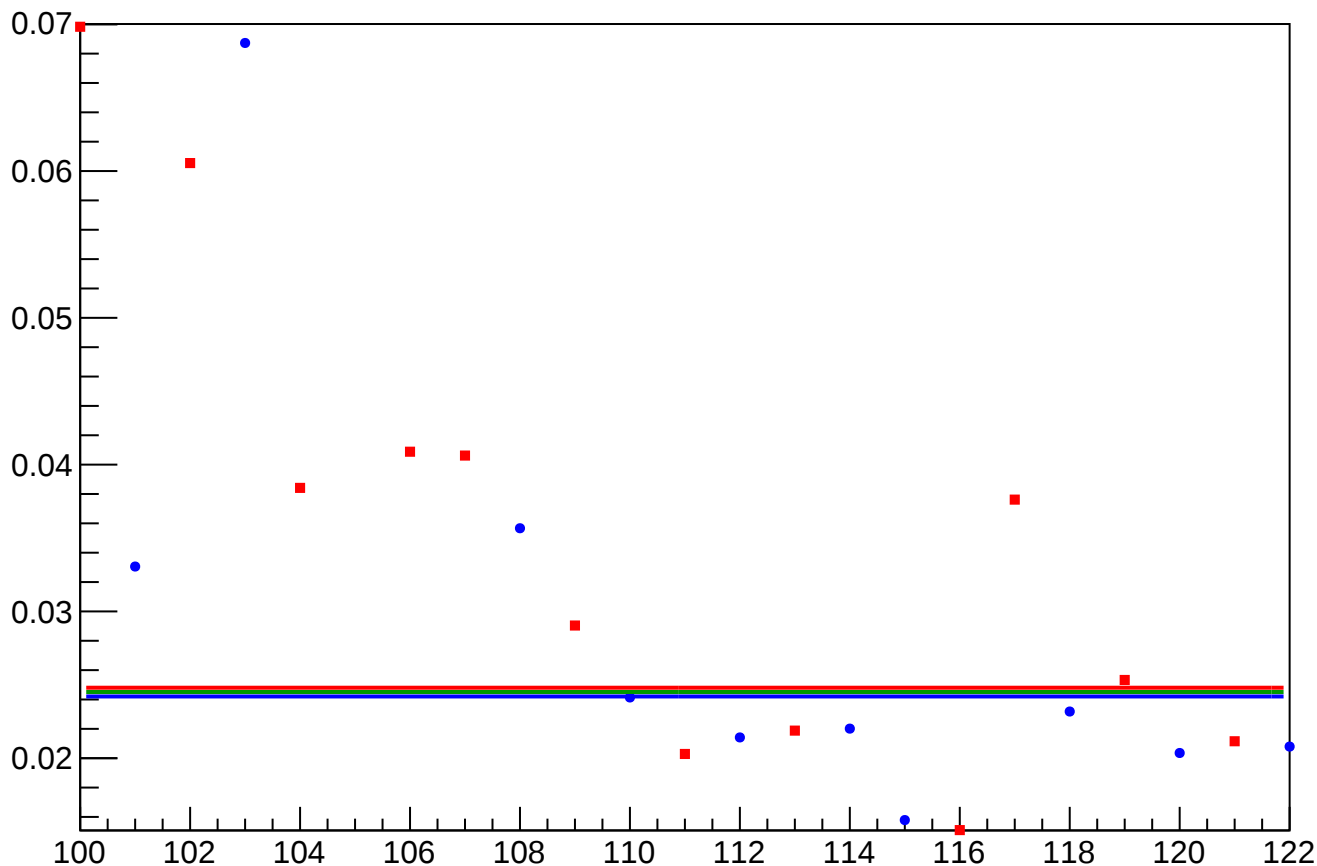
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.132+/-0.000 χ^2/NDF : 190376895.7/9

-1.161+/-0.000 χ^2/NDF : 448610097.3/21

-1.188+/-0.000 χ^2/NDF : 250147432.3/11

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 710959.7/9

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

Right Out: 0.025+/-0.000 χ^2/NDF : 905918.3/11

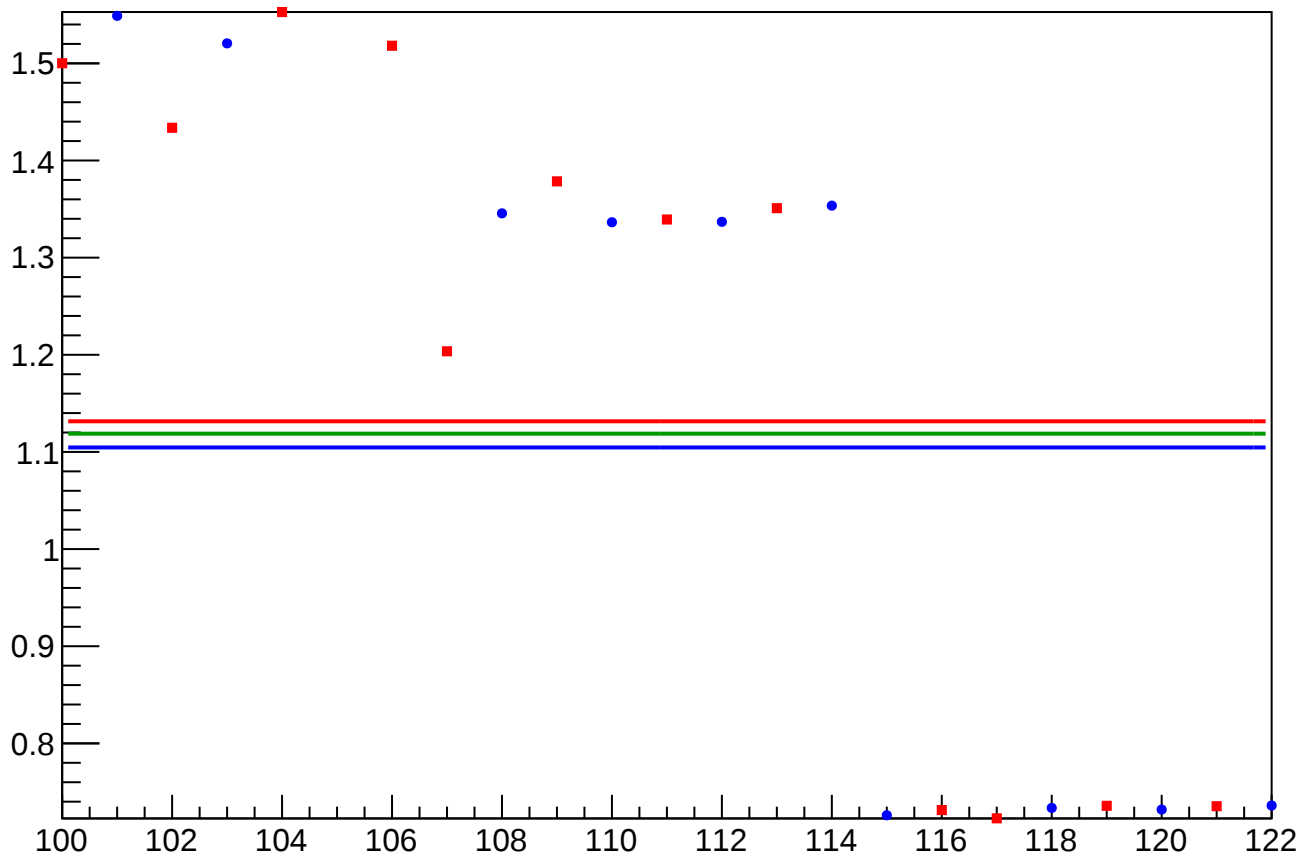
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 710959.7/9

0.025+/-0.000 χ^2/NDF : 1618686.8/21

0.025+/-0.000 χ^2/NDF : 905918.3/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.105+/-0.000 χ^2/NDF : 1538974451.5/9

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

Right Out: 1.132+/-0.000 χ^2/NDF : 1493603533.9/11

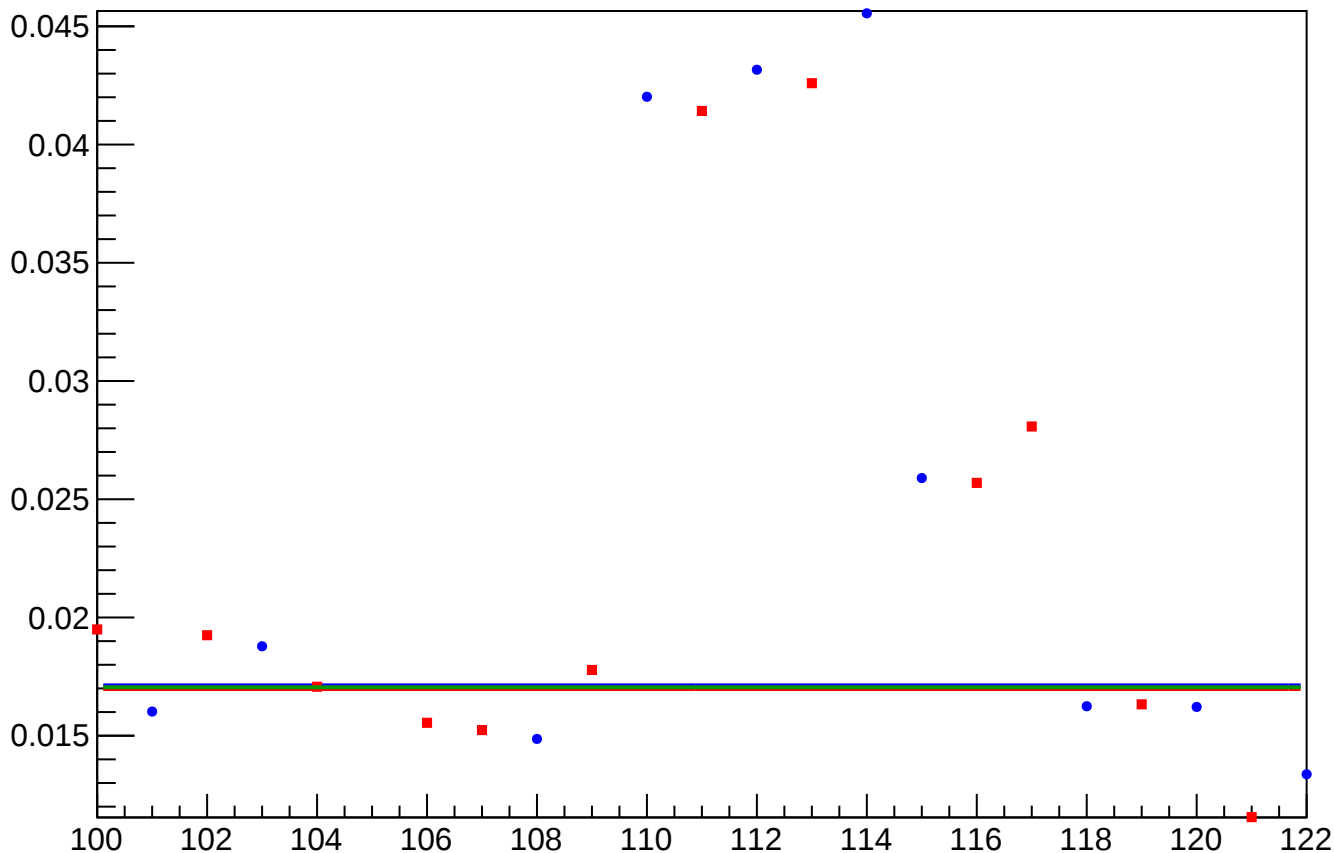
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.105+/-0.000 χ^2/NDF : 1538974451.5/9

1.119+/-0.000 χ^2/NDF : 3036787378.8/21

1.132+/-0.000 χ^2/NDF : 1493603533.9/11

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 758267.2/9

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

Right Out: 0.017+/-0.000 χ^2/NDF : 858444.7/11

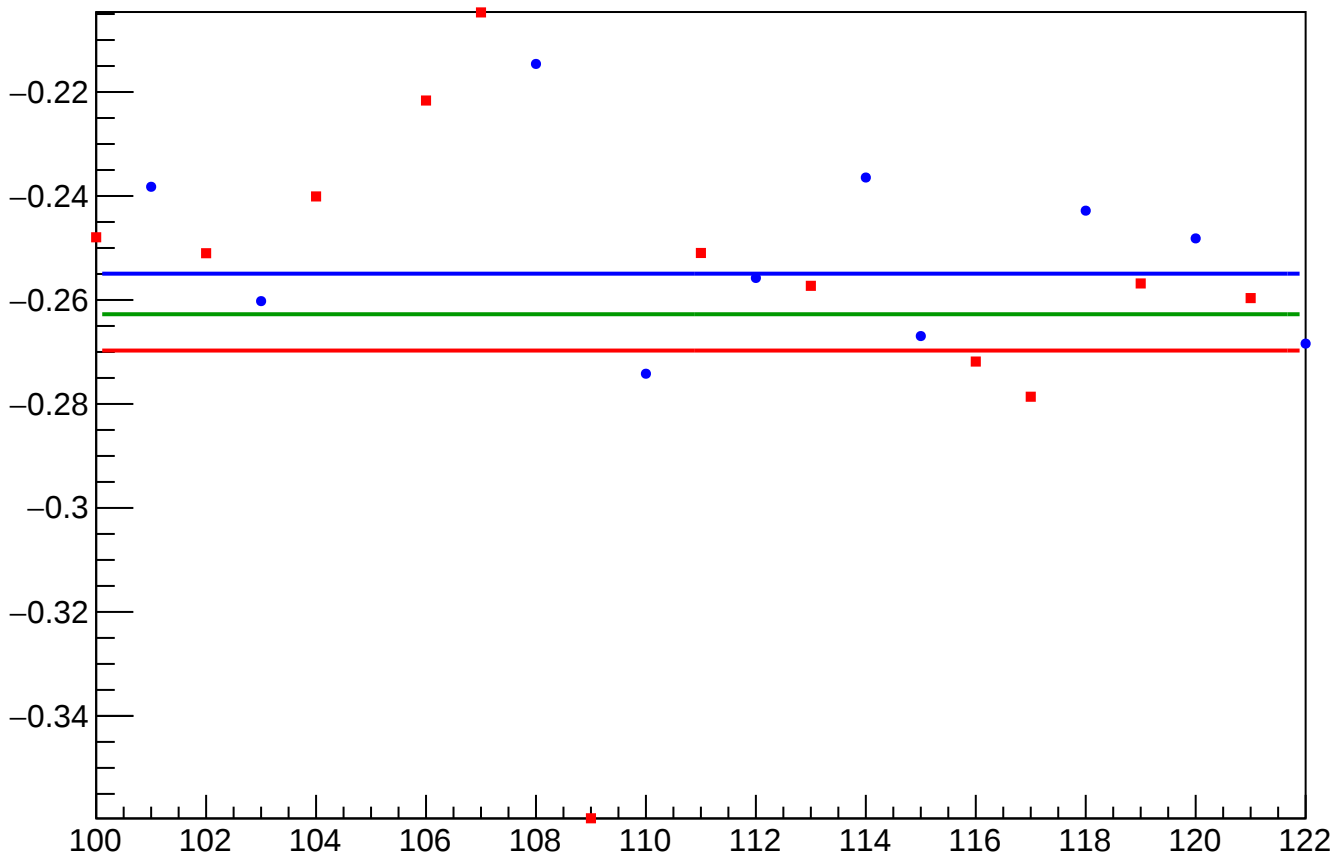
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 758267.2/9

0.017+/-0.000 χ^2/NDF : 1616986.1/21

0.017+/-0.000 χ^2/NDF : 858444.7/11

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.255+/-0.000 χ^2 /NDF: 1327389.0/9

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

Right Out: -0.270+/-0.000 χ^2 /NDF: 9721133.8/11

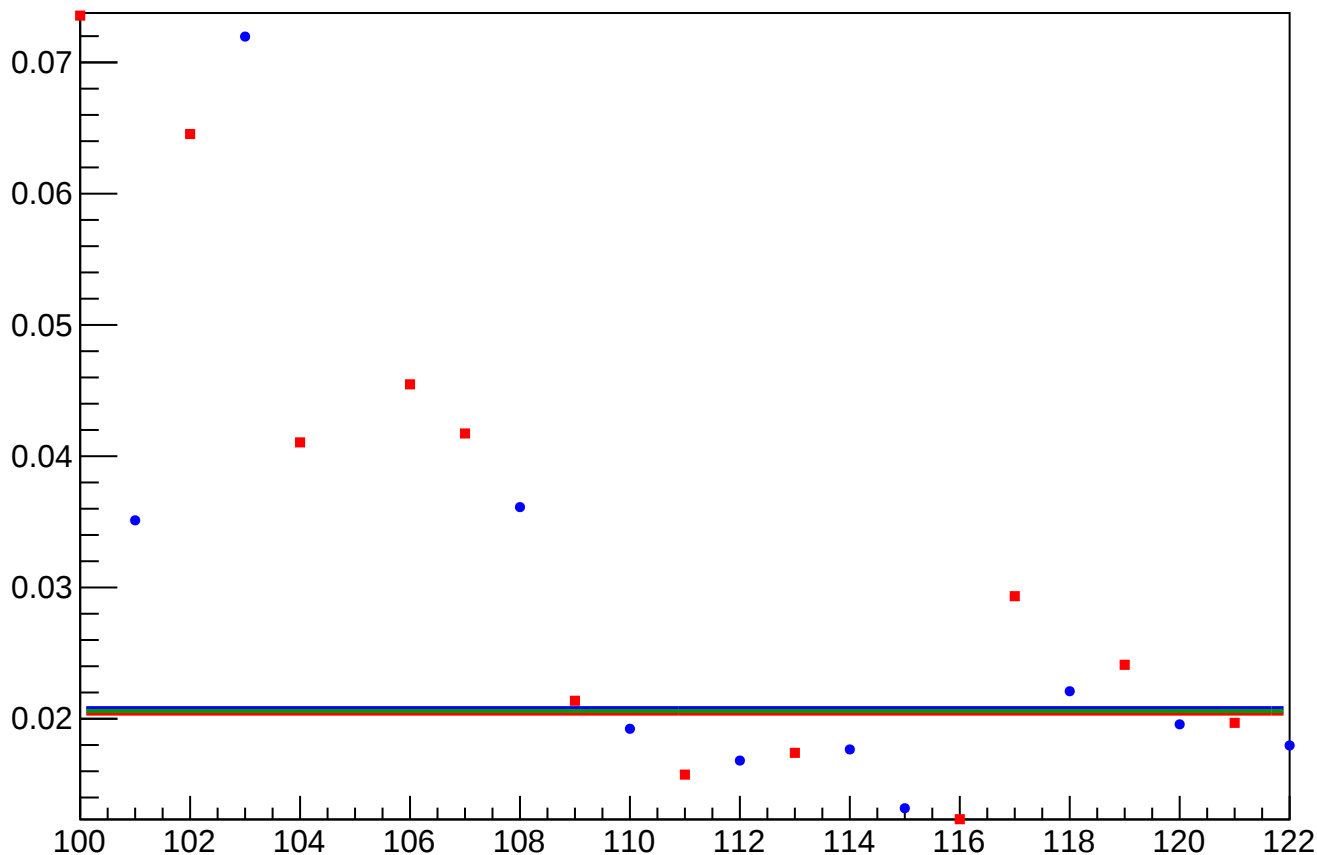
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.255+/-0.000 χ^2 /NDF: 1327389.0/9

-0.263+/-0.000 χ^2 /NDF: 11798264.9/21

-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 : 981195.0/9

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1303449.8/11

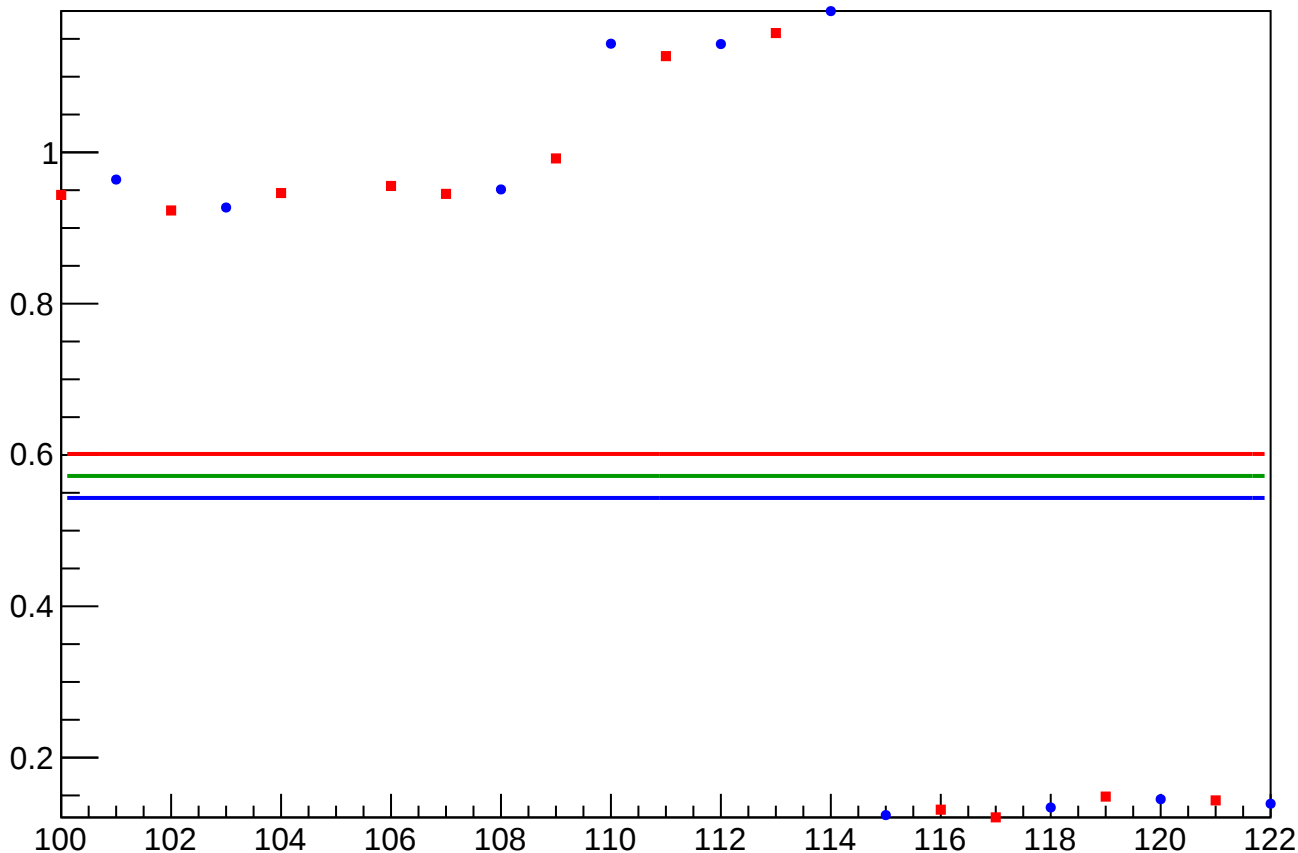
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 981195.0/9

0.021+/-0.000 χ^2/NDF : 2285854.8/21

0.020+/-0.000 χ^2/NDF : 1303449.8/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.543+/-0.000 χ^2/NDF : 3111269217.4/9

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

Right Out: 0.601+/-0.000 χ^2/NDF : 3003287667.1/11

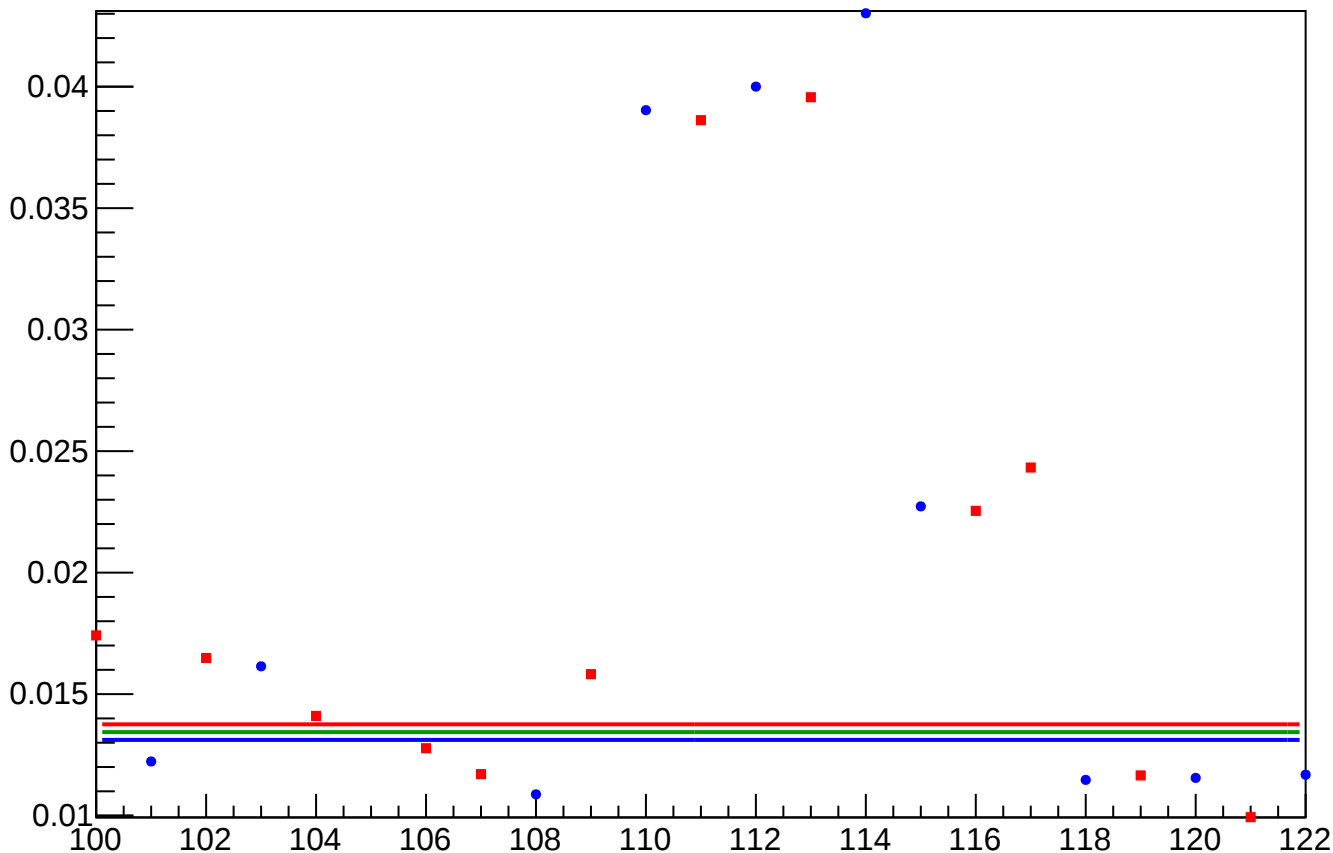
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.543+/-0.000 χ^2/NDF : 3111269217.4/9

0.572+/-0.000 χ^2/NDF : 6145313651.1/21

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 : 946174.3/9

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

Right Out: 0.014+/-0.000 χ^2/NDF : 997468.5/11

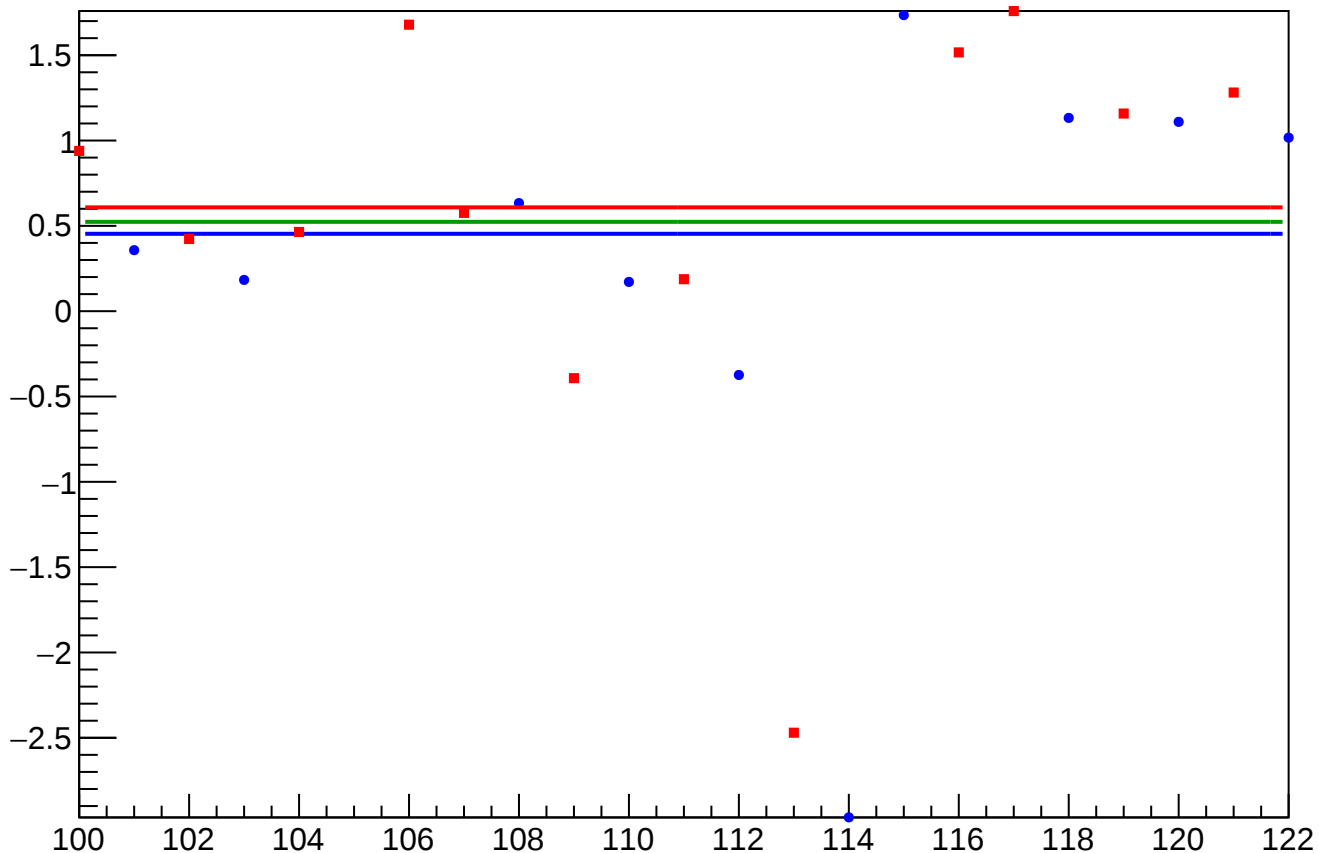
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 946174.3/9

0.013+/-0.000 χ^2/NDF : 1951112.6/21

0.014+/-0.000 χ^2/NDF : 997468.5/11

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.453+/-0.000 χ^2/NDF : 208136379.8/9

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

Right Out: 0.608+/-0.000 χ^2/NDF : 875473658.8/11

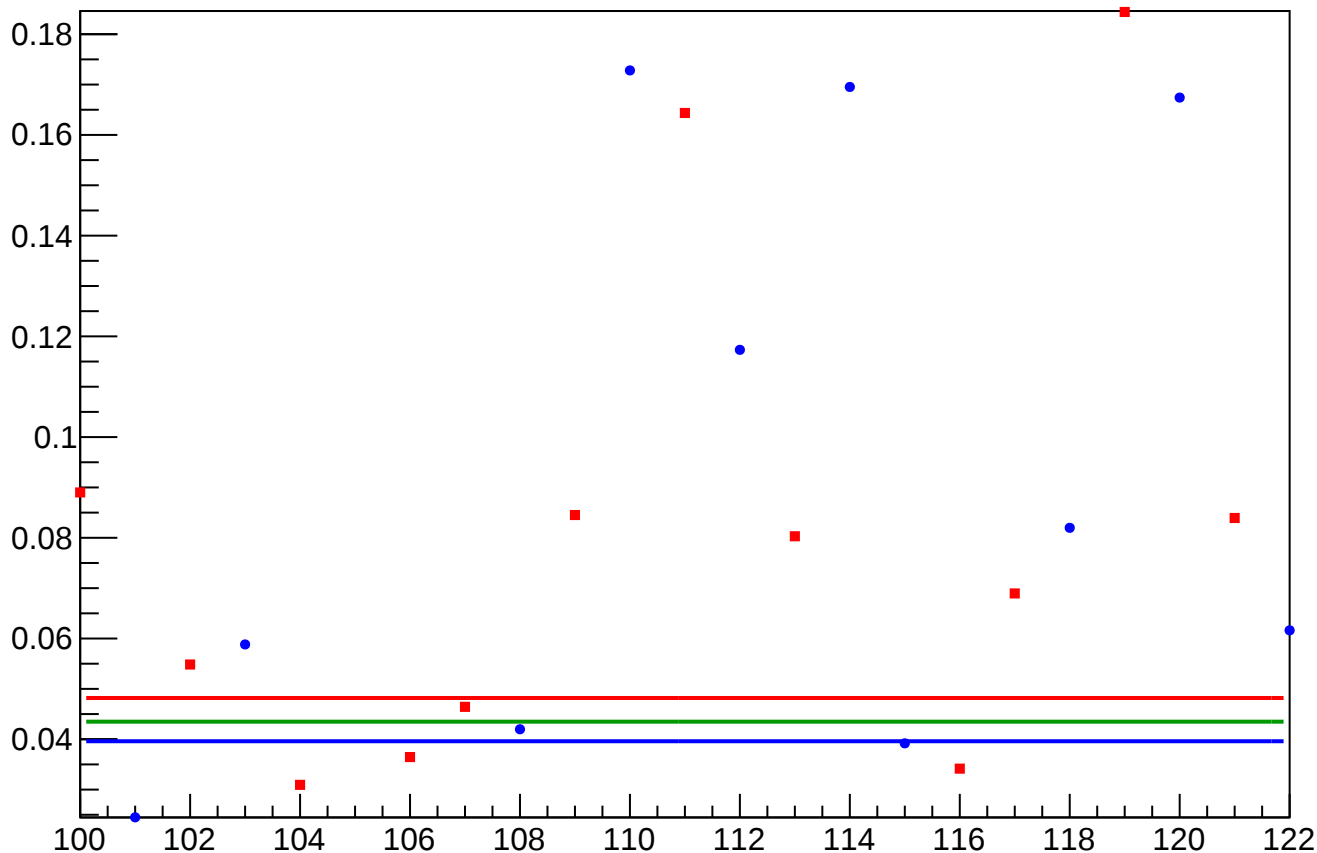
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.453+/-0.000 χ^2/NDF : 208136379.8/9

0.524+/-0.000 χ^2/NDF : 1098262583.9/21

0.608+/-0.000 χ^2/NDF : 875473658.8/11

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.000 χ^2 /NDF: 1927762.2/9

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

Right Out: 0.048 $\pm$ 0.000 χ^2 /NDF: 1654275.6/11

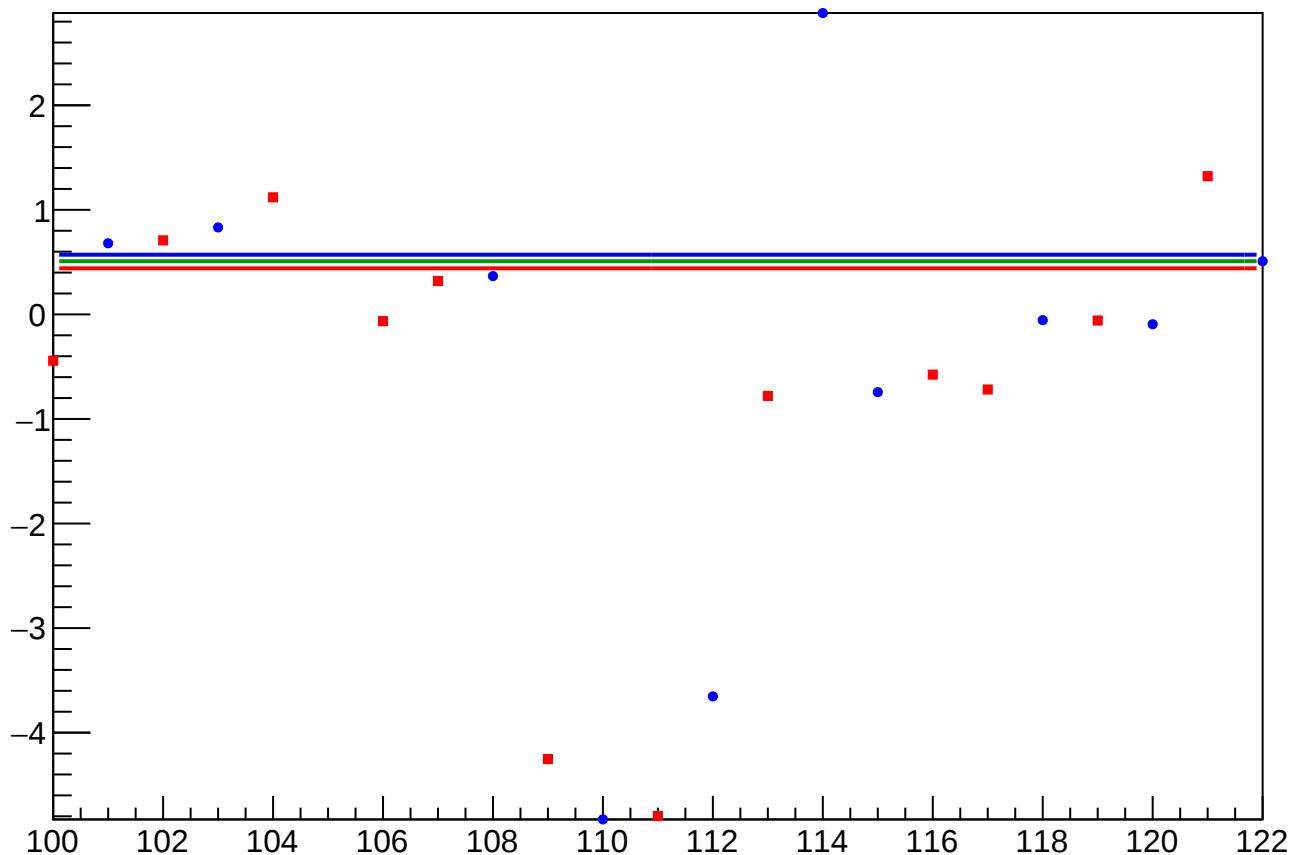
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.040 $\pm$ 0.000 χ^2 /NDF: 1927762.2/9

0.043 $\pm$ 0.000 χ^2 /NDF: 3672170.8/21

0.048 $\pm$ 0.000 χ^2 /NDF: 1654275.6/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.571+/-0.000 χ^2/NDF : 1604216460.9/9

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

Right Out: 0.441+/-0.000 χ^2/NDF : 3676723302.0/11

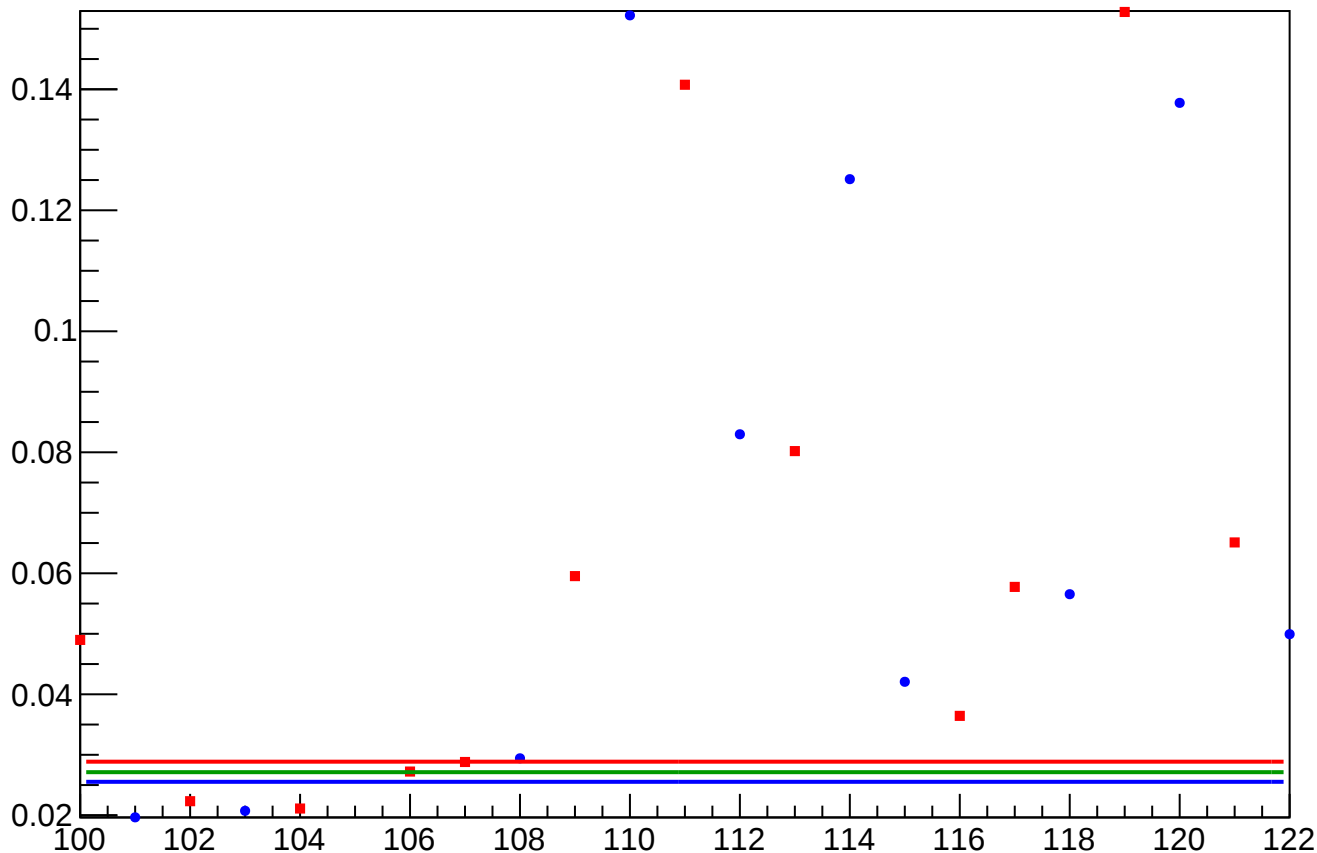
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.571+/-0.000 χ^2/NDF : 1604216460.9/9

0.509+/-0.000 χ^2/NDF : 5307363432.7/21

0.441+/-0.000 χ^2/NDF : 3676723302.0/11

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 1790812.1/9

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

Right Out: 0.029+/-0.000 χ^2/NDF : 2071634.3/11

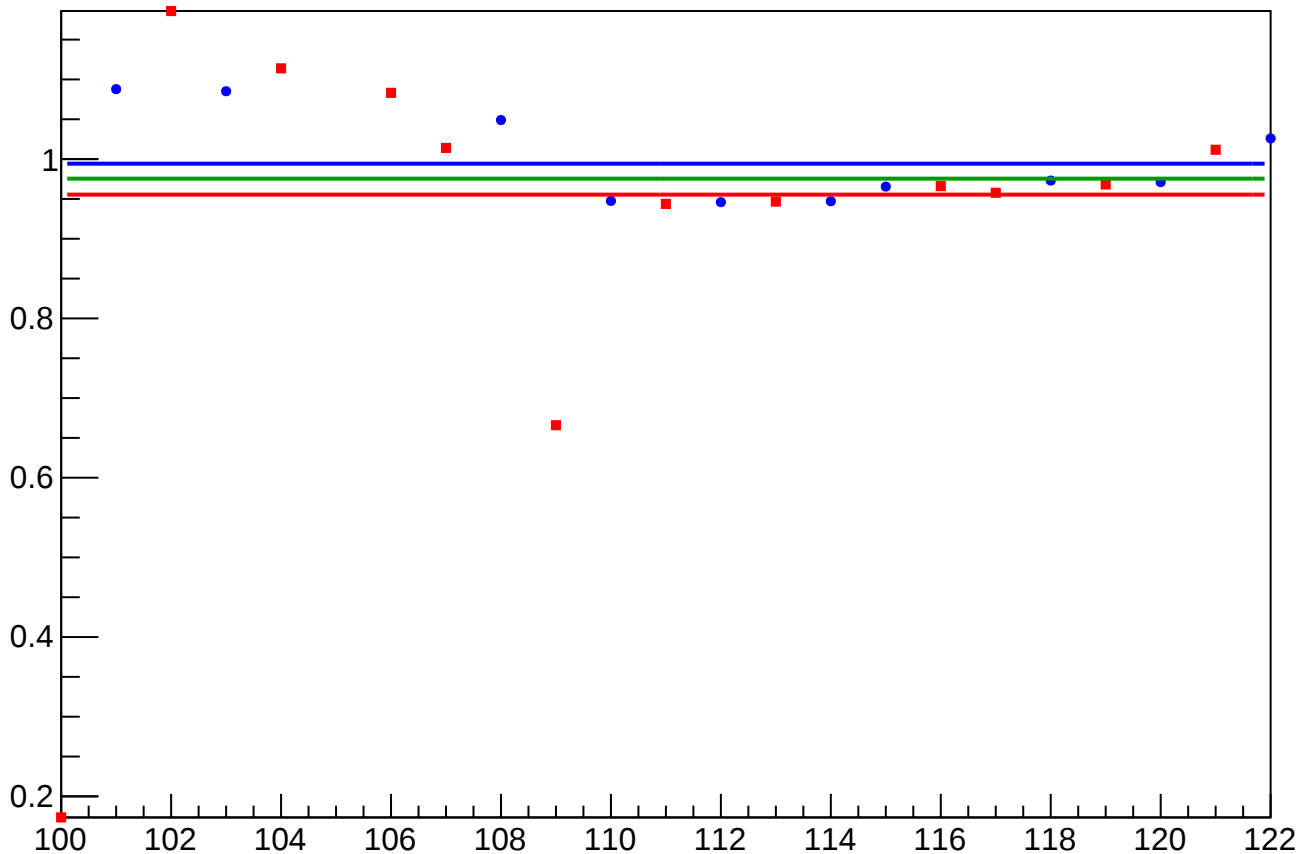
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.000 χ^2/NDF : 1790812.1/9

0.027+/-0.000 χ^2/NDF : 3897019.1/21

0.029+/-0.000 χ^2/NDF : 2071634.3/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.994+/-0.000 χ^2/NDF : 43364238.4/9

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

Right Out: 0.955+/-0.000 χ^2/NDF : 265136439.4/11

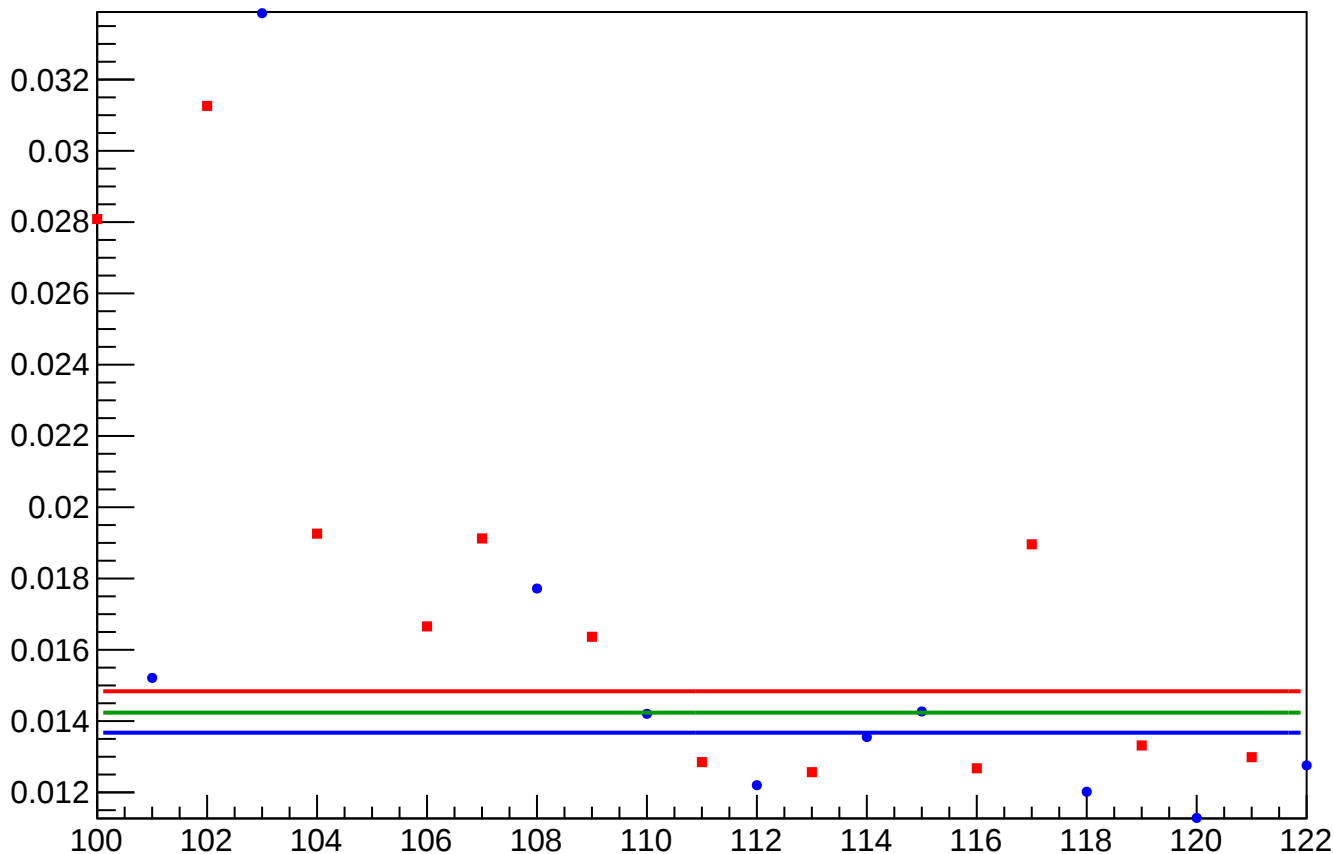
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.994+/-0.000 χ^2/NDF : 43364238.4/9

0.975+/-0.000 χ^2/NDF : 321073845.0/21

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 : 477316.7/9

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

Right Out: 0.015+/-0.000 χ^2/NDF : 467394.4/11

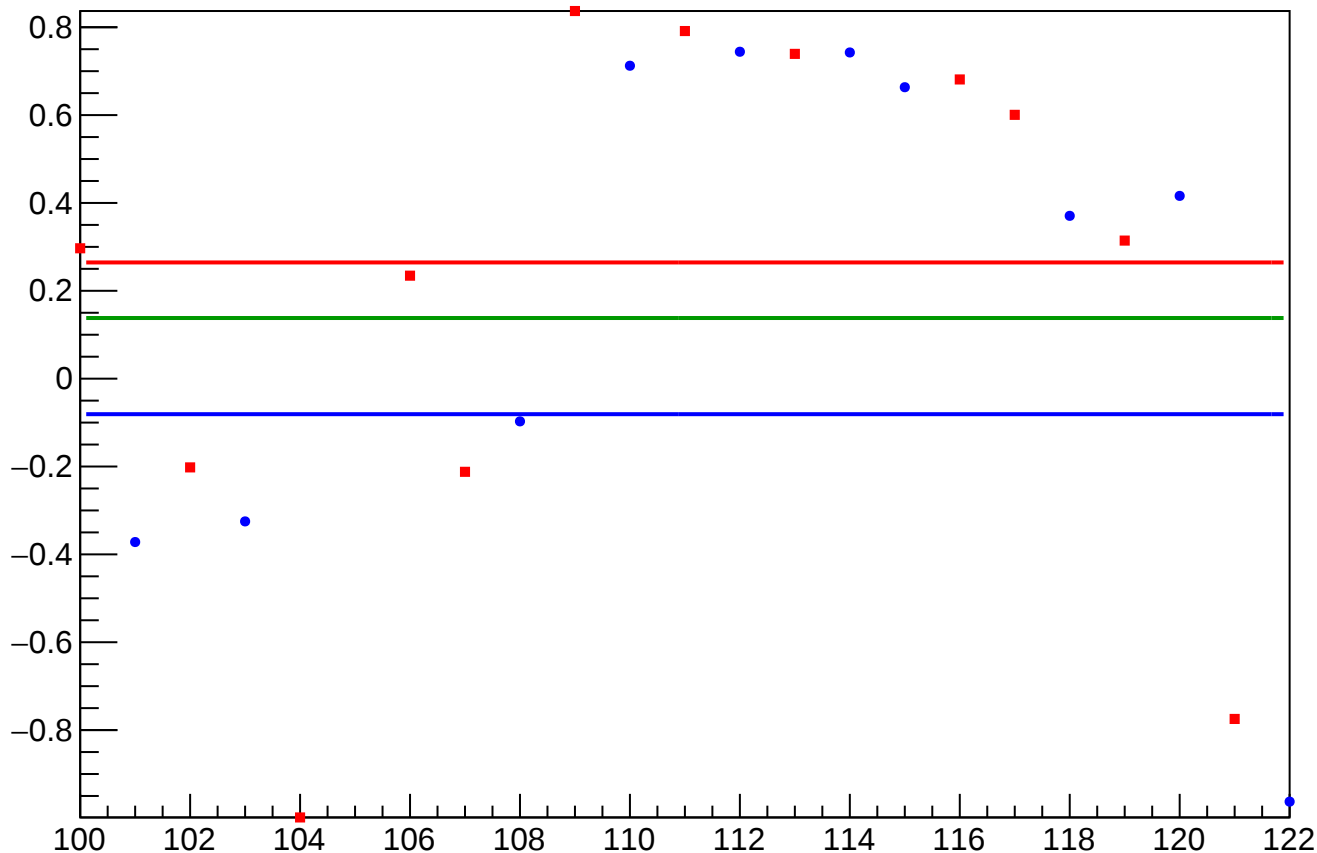
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 477316.7/9

0.014+/-0.000 χ^2/NDF : 967196.0/21

0.015+/-0.000 χ^2/NDF : 467394.4/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.081+/-0.000 χ^2/NDF : 3402092033.6/9

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

Right Out: 0.265+/-0.000 χ^2/NDF : 7948642317.3/11

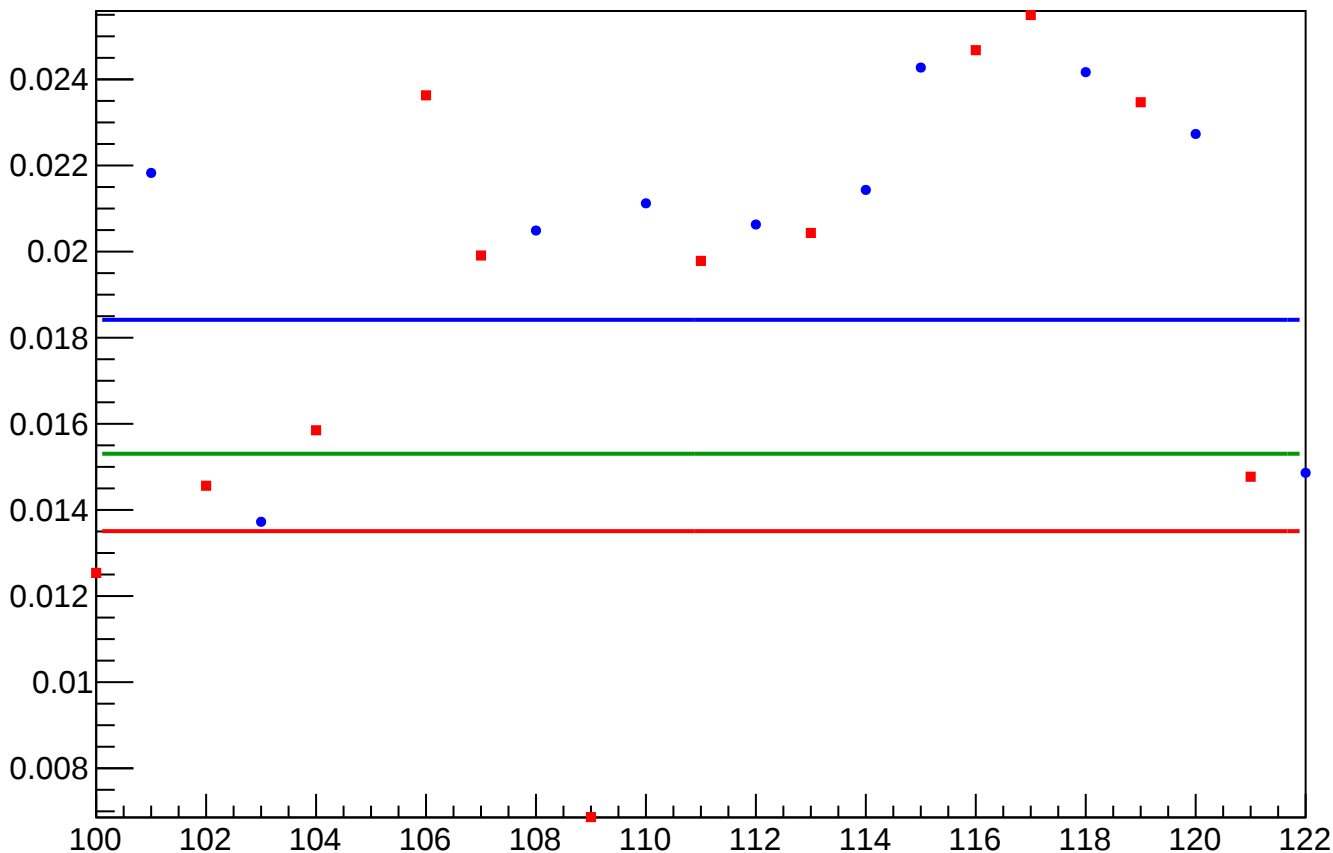
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.081+/-0.000 χ^2/NDF : 3402092033.6/9

0.138+/-0.000 χ^2/NDF : 12109848457.3/2

0.265+/-0.000 χ^2/NDF : 7948642317.3/11

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 319040.1/9

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1259312.0/11

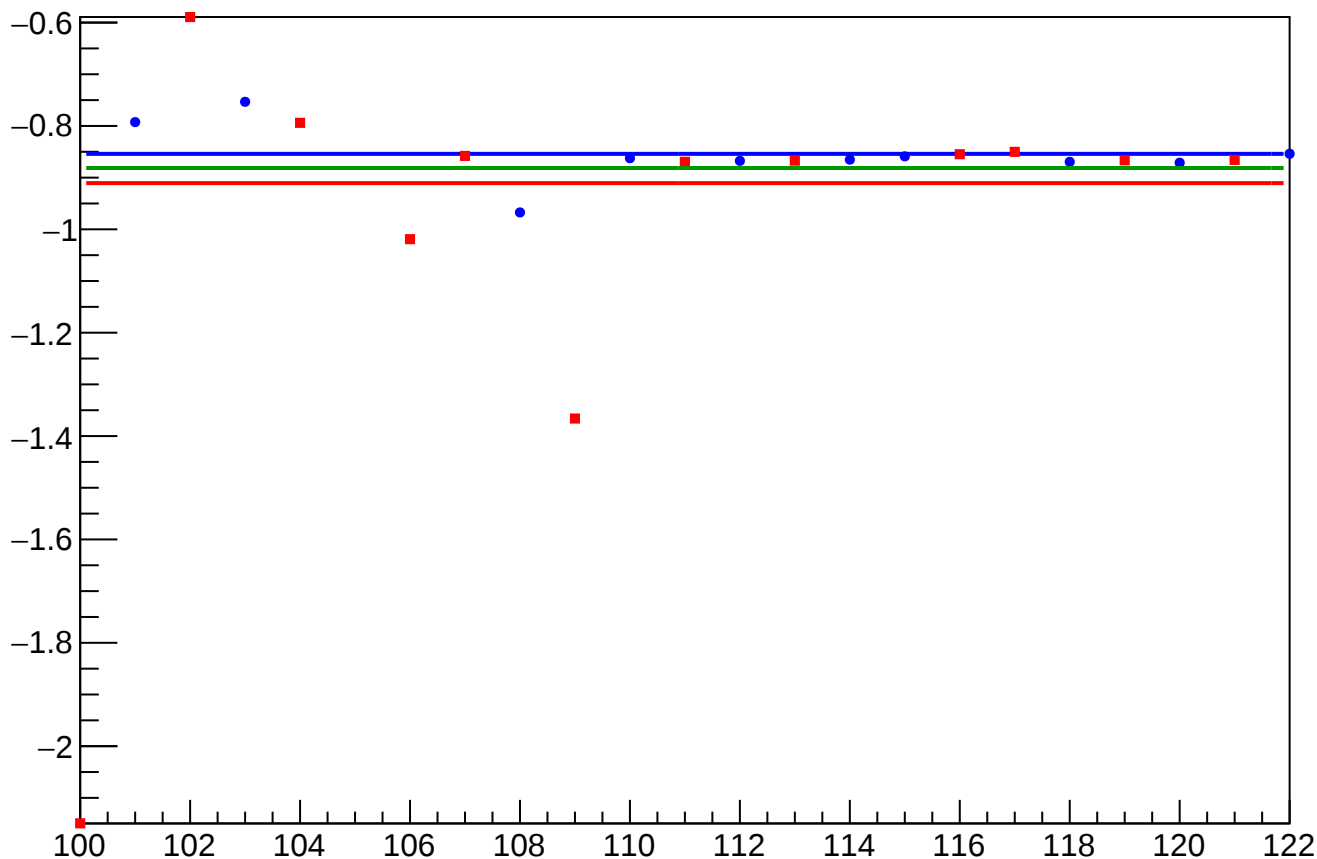
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 319040.1/9

0.015+/-0.000 χ^2/NDF : 1884872.4/21

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 : 6265010.3/9

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

Right Out: -0.911+/-0.000 χ^2/NDF : 109076604.5/11

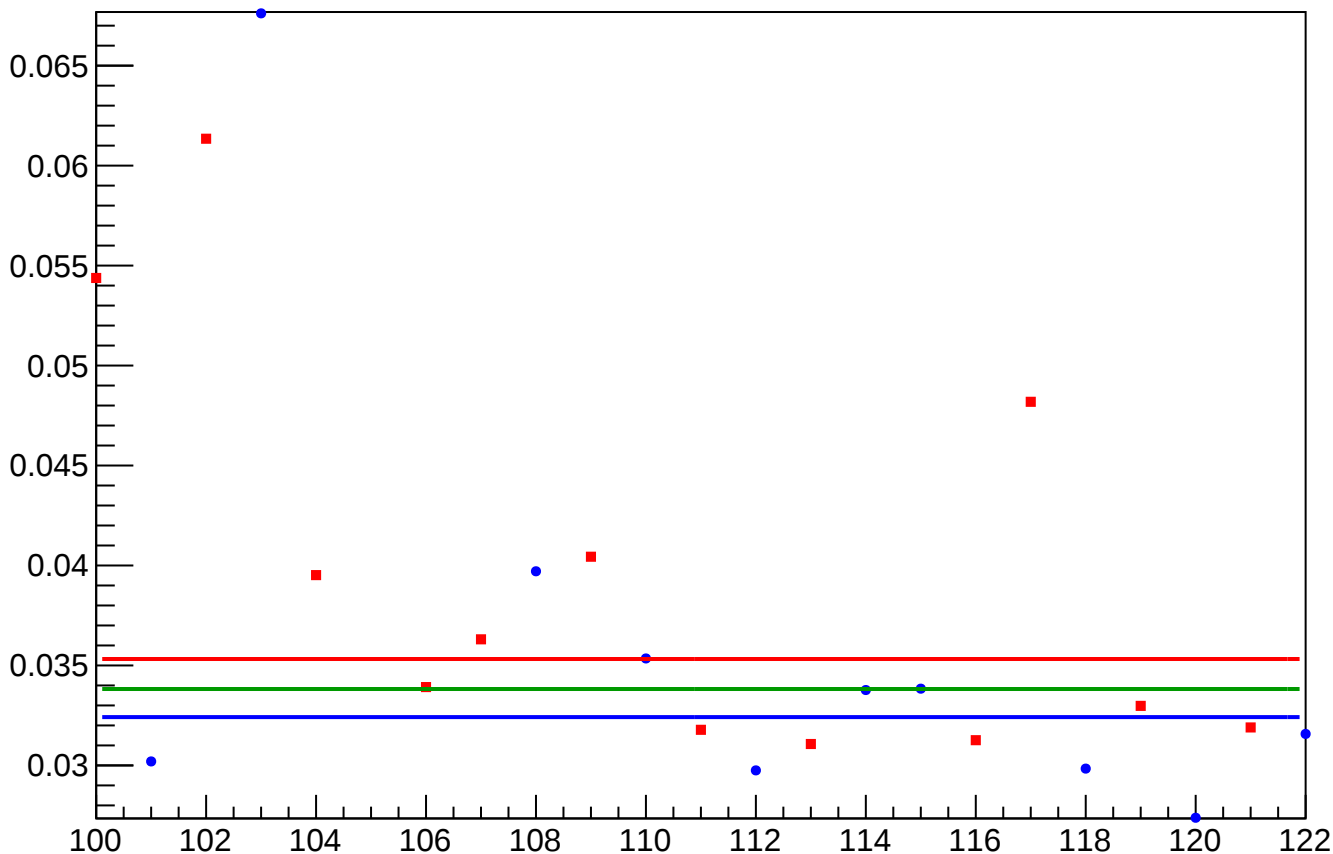
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.854+/-0.000 χ^2/NDF : 6265010.3/9

-0.881+/-0.000 χ^2/NDF : 120148686.9/21

-0.911+/-0.000 χ^2/NDF : 109076604.5/11

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 344111.1/9

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

Right Out: 0.035+/-0.000 χ^2/NDF : 261632.6/11

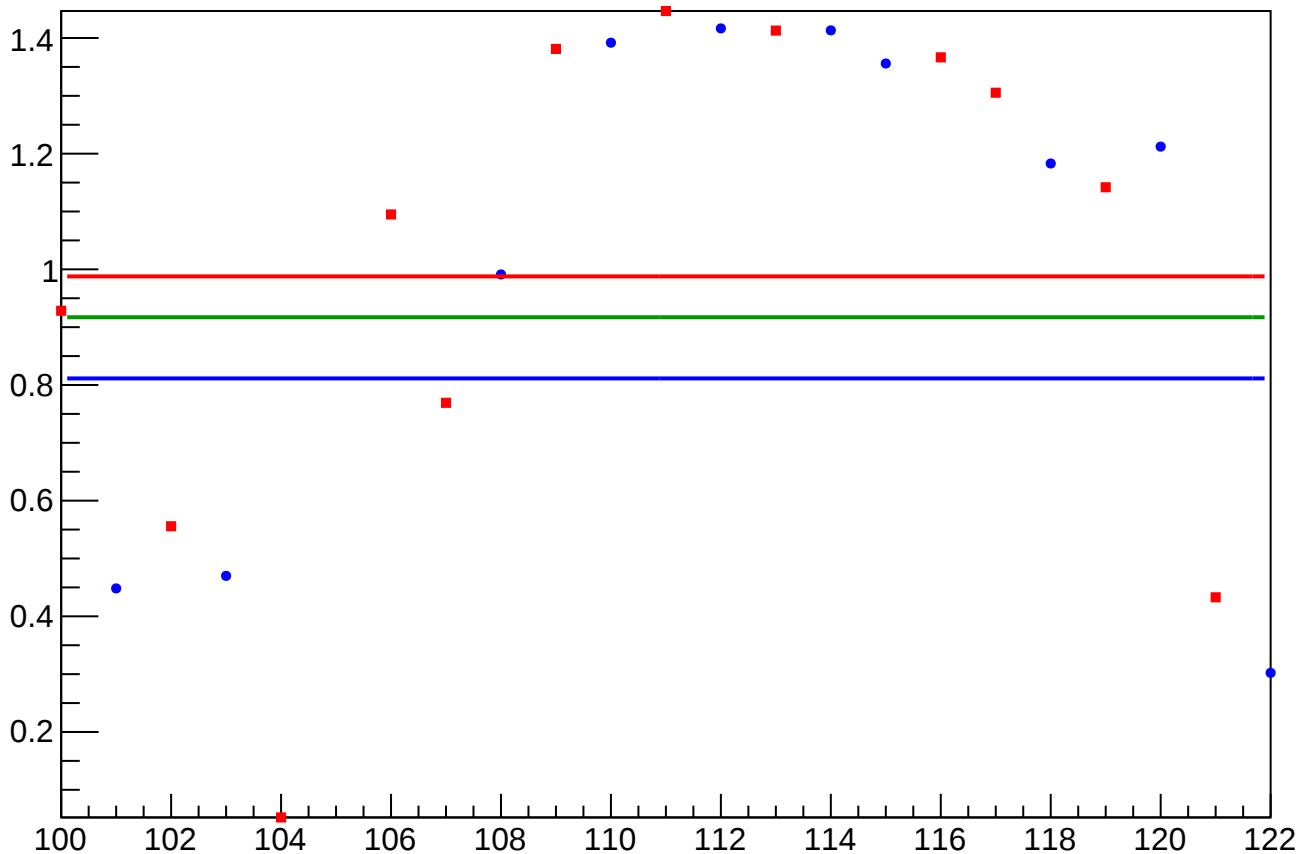
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.032+/-0.000 χ^2/NDF : 344111.1/9

0.034+/-0.000 χ^2/NDF : 631078.2/21

0.035+/-0.000 χ^2/NDF : 261632.6/11

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.811+/-0.000 χ^2/NDF : 4232275585.0/9

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

Right Out: 0.988+/-0.000 χ^2/NDF : 7179808129.8/11

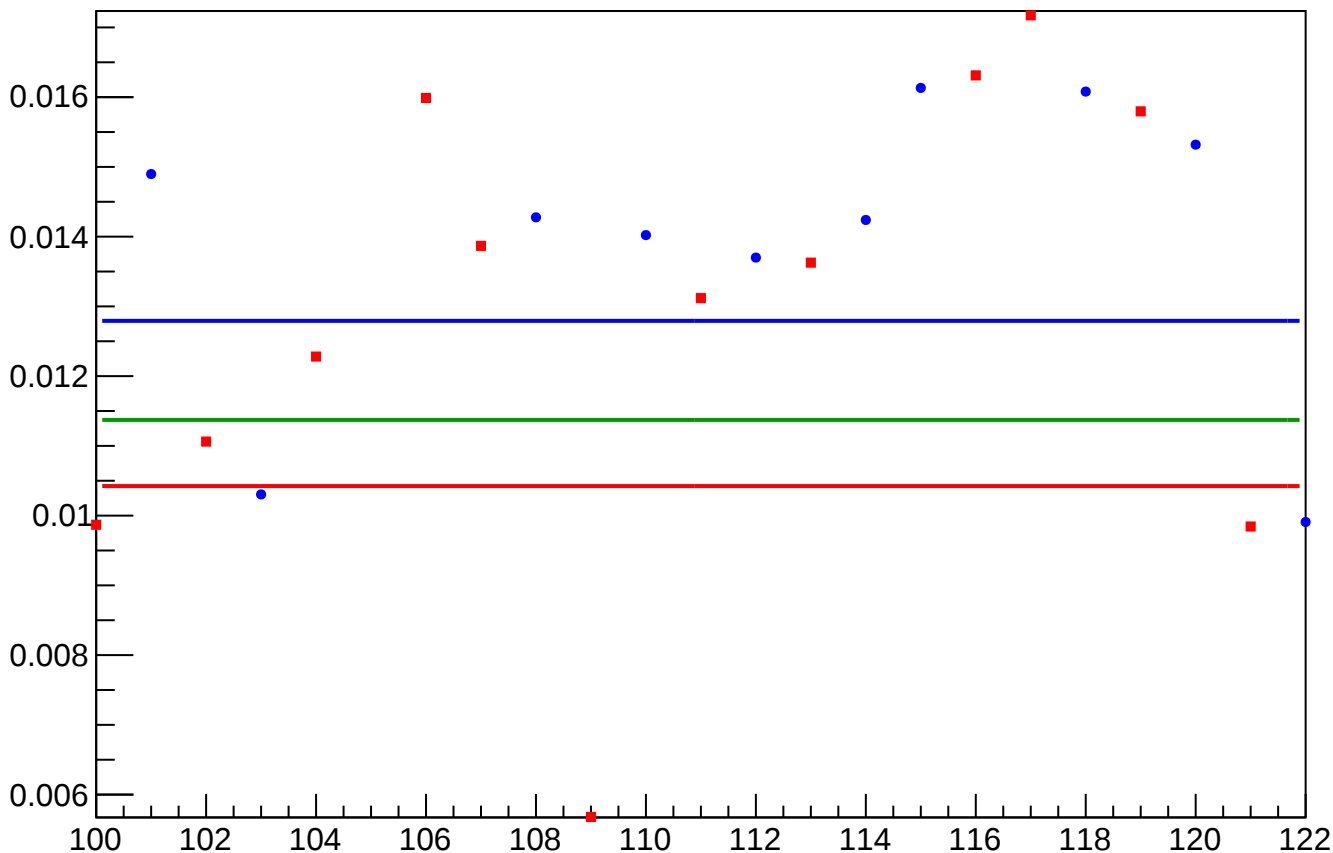
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.811+/-0.000 χ^2/NDF : 4232275585.0/9

0.917+/-0.000 χ^2/NDF : 11802616189.5/2

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 : 234448.1/9

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

Right Out: 0.010+/-0.000 χ^2/NDF : 839617.1/11

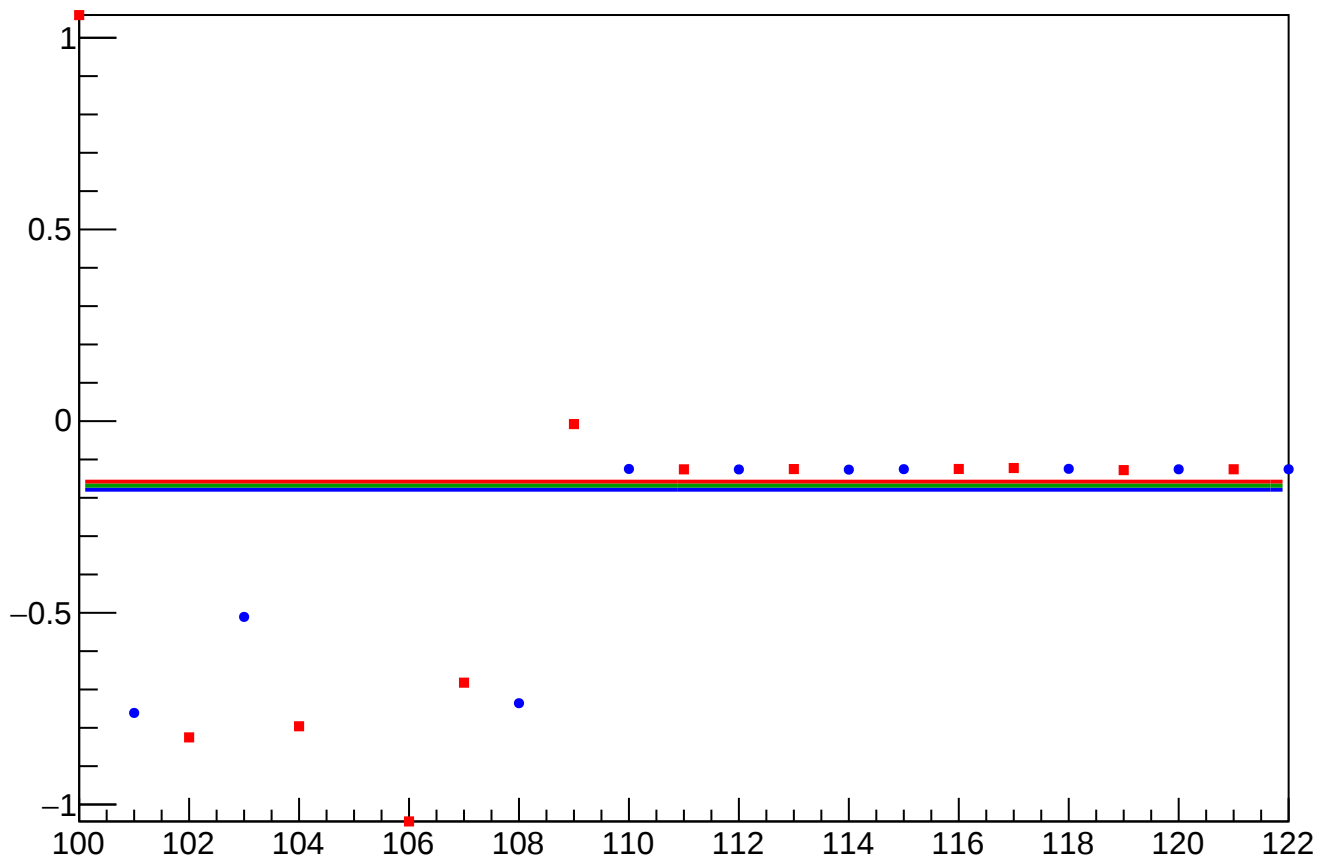
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 234448.1/9

0.011+/-0.000 χ^2/NDF : 1214859.9/21

0.010+/-0.000 χ^2/NDF : 839617.1/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.179+/-0.000 χ^2/NDF : 353082456.0/9

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

Right Out: -0.158+/-0.000 χ^2/NDF : 419451150.0/11

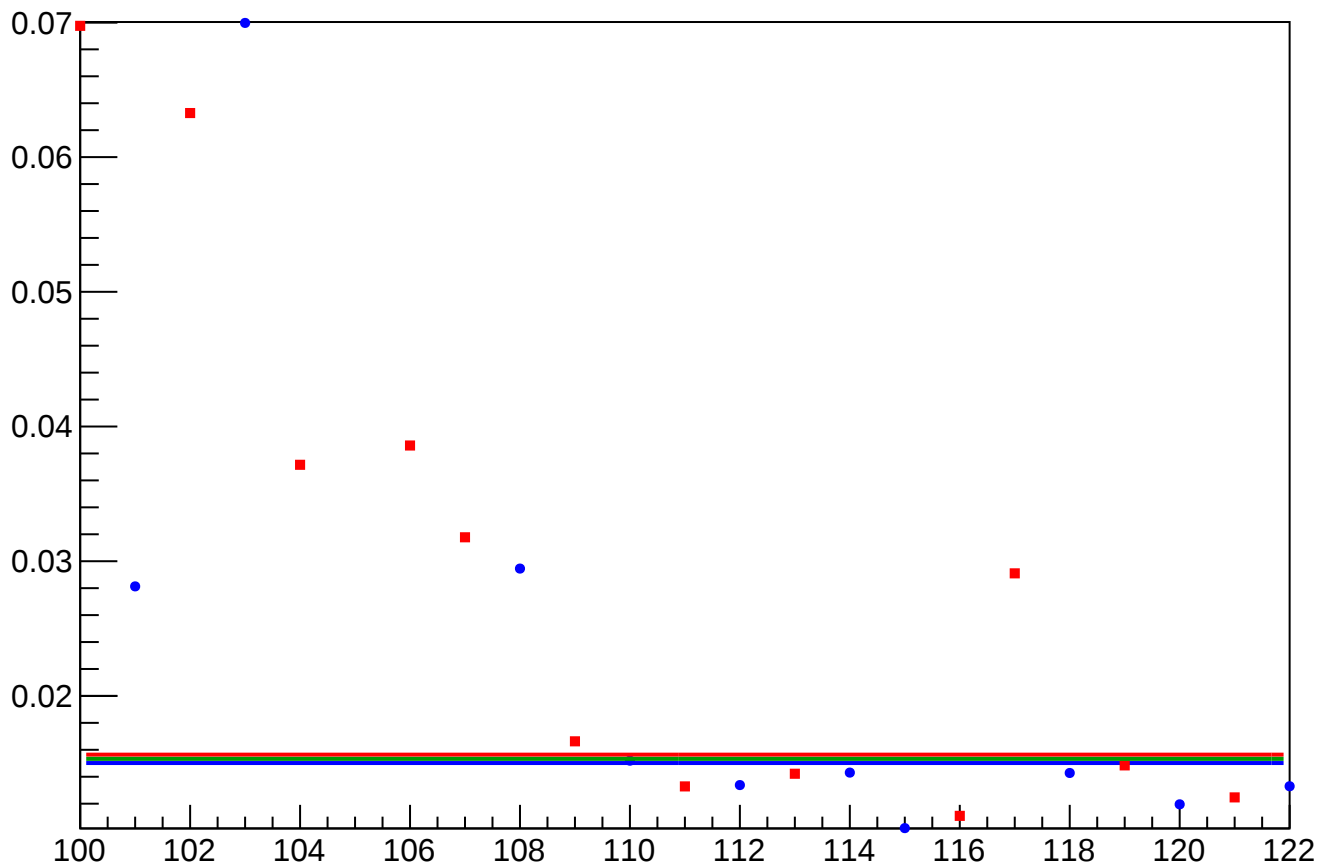
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.179+/-0.000 χ^2/NDF : 353082456.0/9

-0.168+/-0.000 χ^2/NDF : 775089975.9/21

-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 : 1126189.3/9

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1329399.0/11

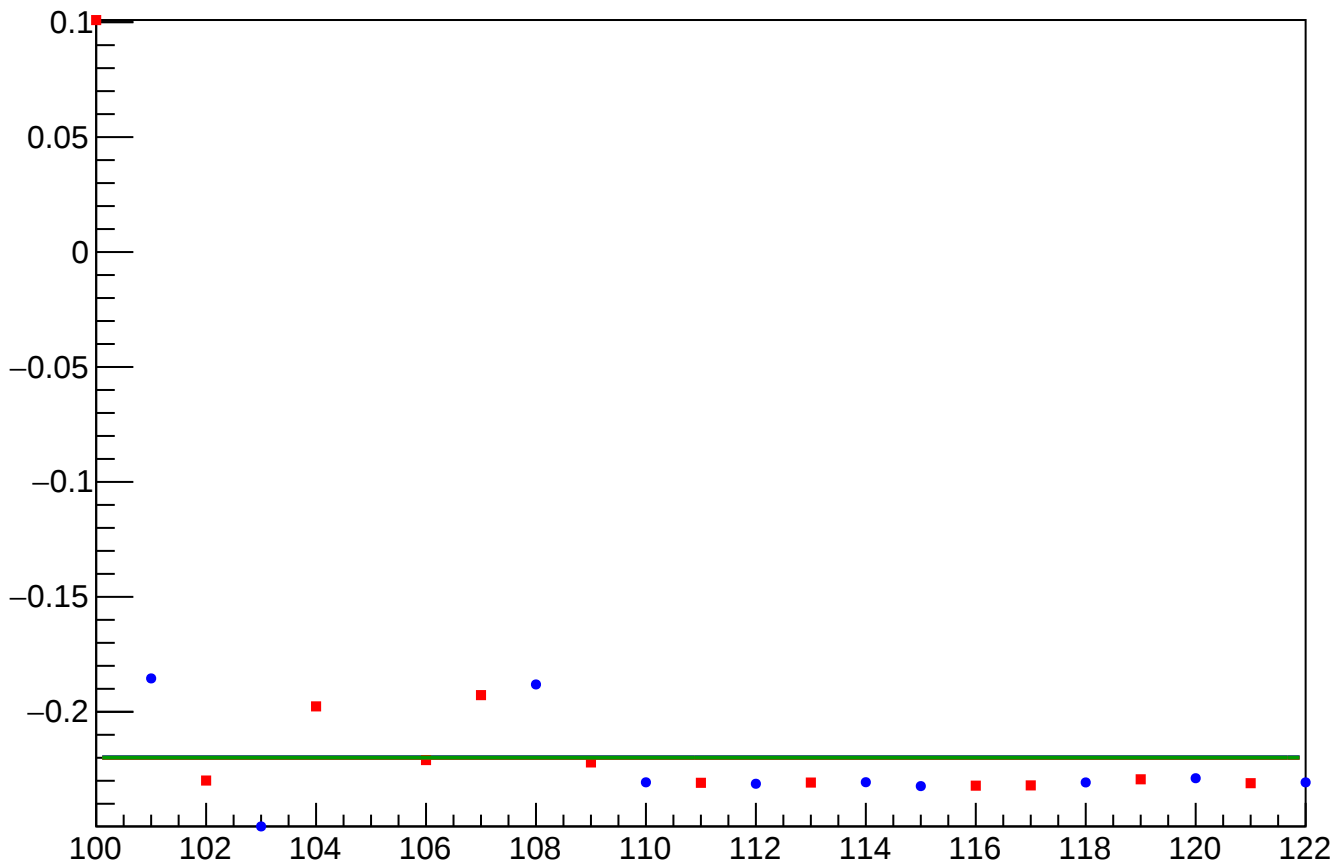
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1126189.3/9

0.015+/-0.000 χ^2/NDF : 2460163.6/21

0.016+/-0.000 χ^2/NDF : 1329399.0/11

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.220+/-0.000 χ^2/NDF : 68230501.5/9

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

Right Out: -0.220+/-0.000 χ^2/NDF : 162610570.2/11

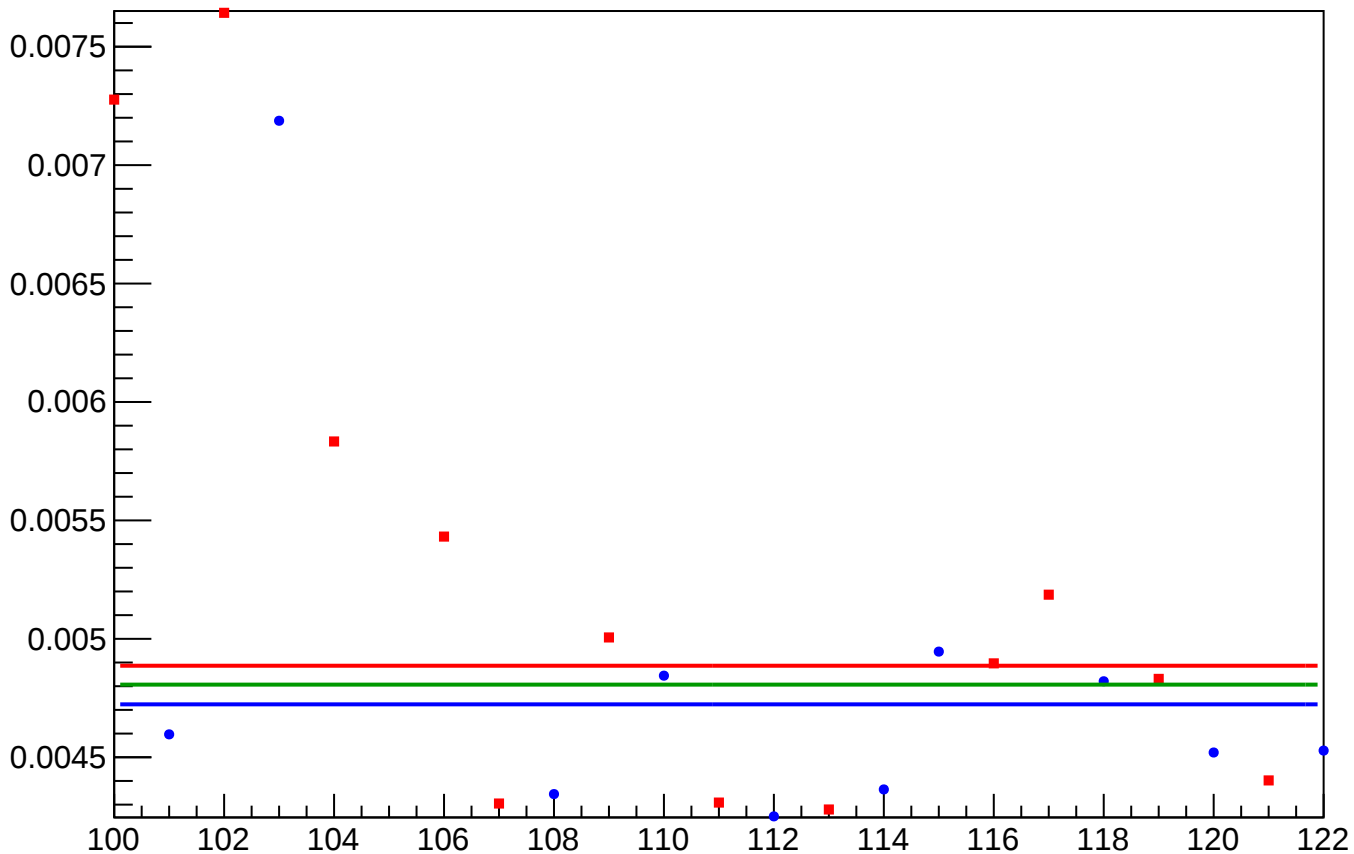
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.220+/-0.000 χ^2/NDF : 68230501.5/9

-0.220+/-0.000 χ^2/NDF : 230845465.1/21

-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 : 145980.4/9

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226048.7/11

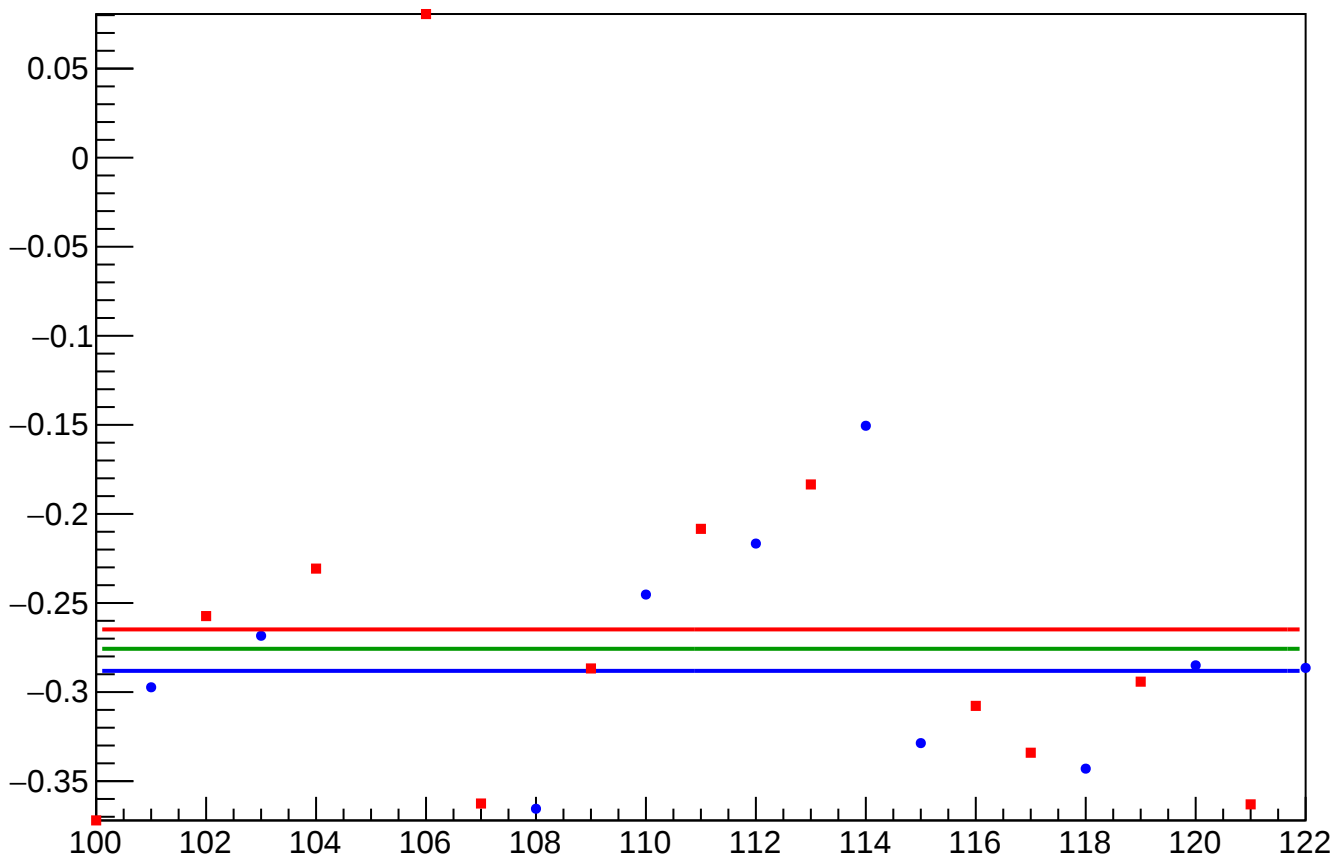
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 145980.4/9

0.005+/-0.000 χ^2/NDF : 376216.0/21

0.005+/-0.000 χ^2/NDF : 226048.7/11

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.288 ± 0.000 $\chi^2/\text{NDF}: 220864779.2/9$

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

Right Out: -0.265 ± 0.000 $\chi^2/\text{NDF}: 701207756.4/11$

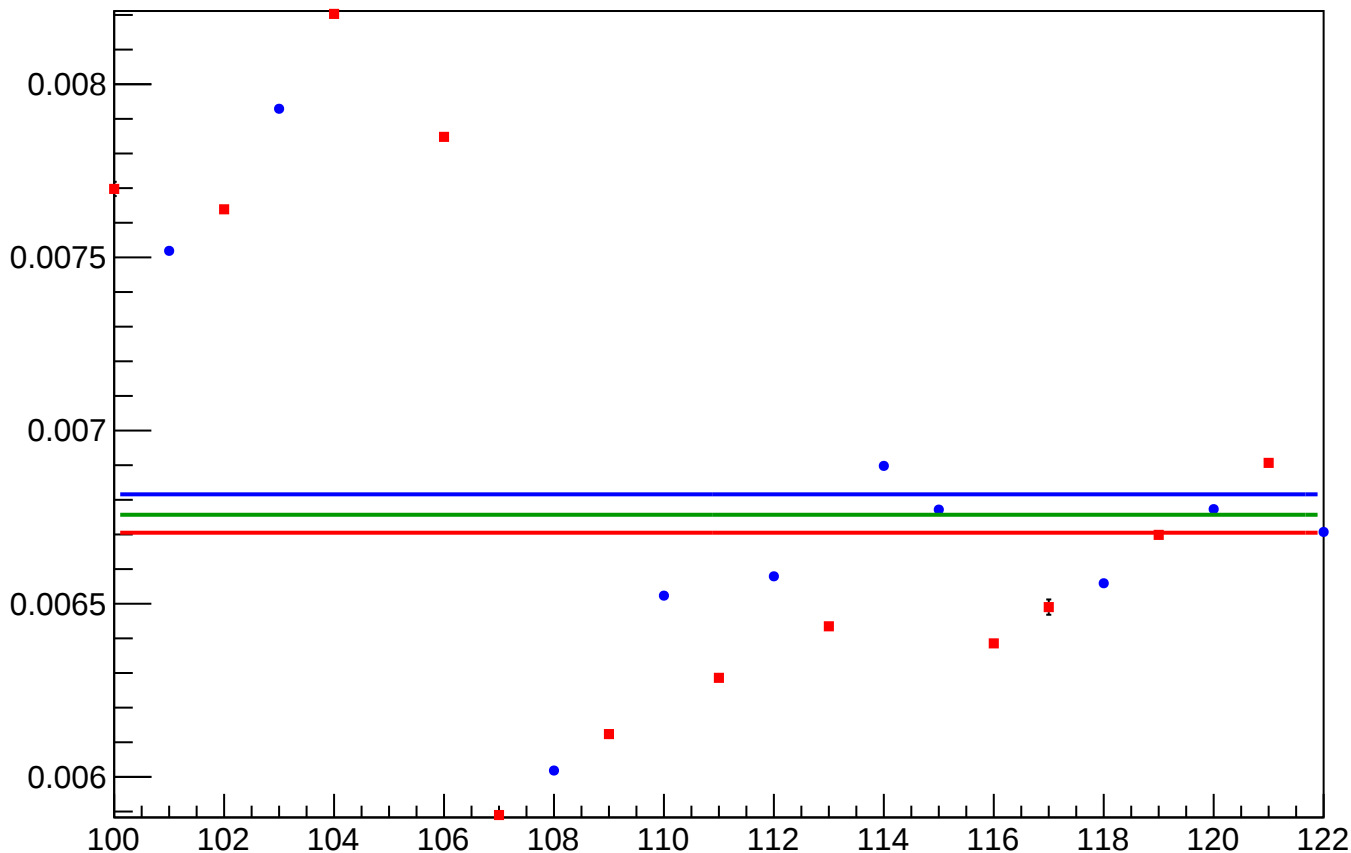
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.288 ± 0.000 $\chi^2/\text{NDF}: 220864779.2/9$

-0.276 ± 0.000 $\chi^2/\text{NDF}: 945414929.1/21$

-0.265 ± 0.000 $\chi^2/\text{NDF}: 701207756.4/11$

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007 ± 0.000 $\chi^2/\text{NDF}: 49928.0/9$

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

Right Out: 0.007 ± 0.000 $\chi^2/\text{NDF}: 88613.7/11$

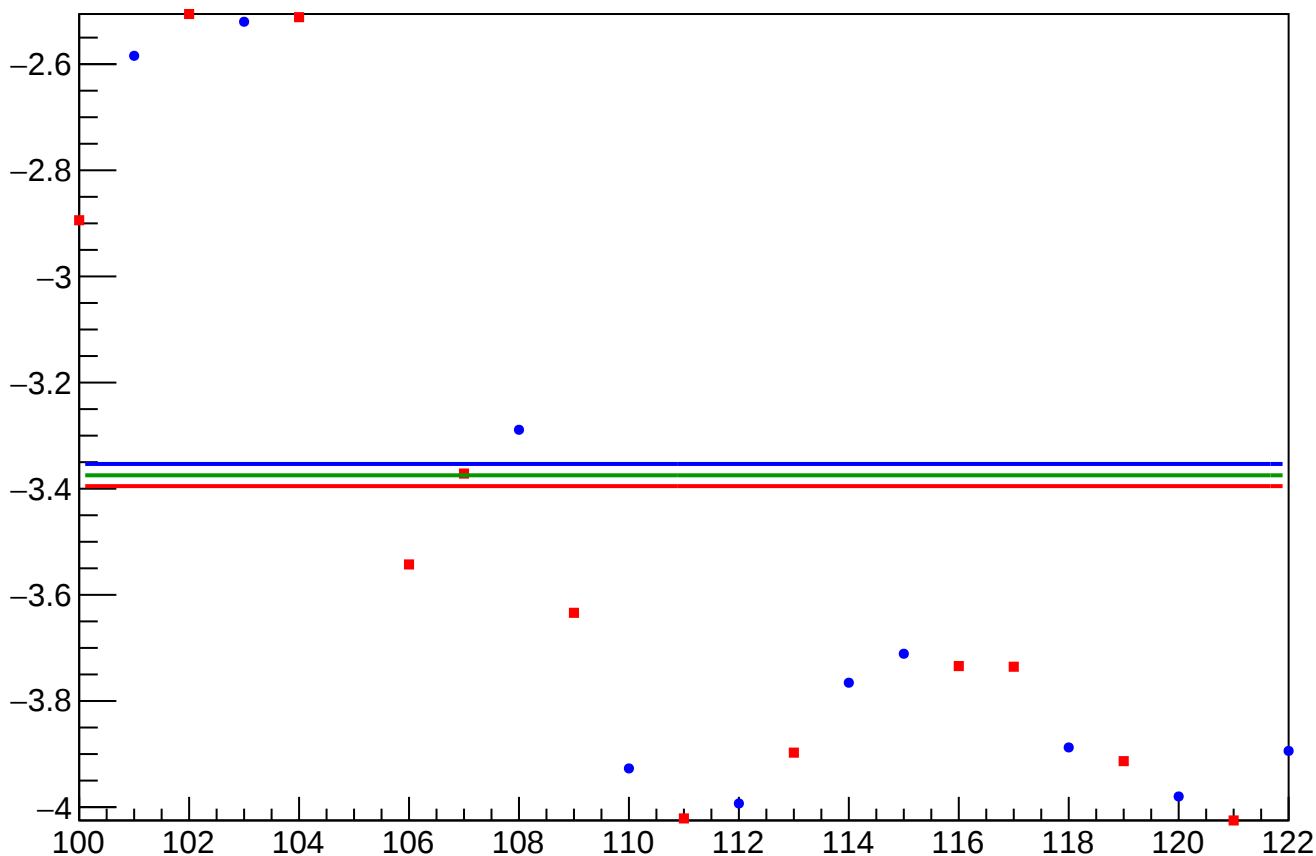
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.007 ± 0.000 $\chi^2/\text{NDF}: 49928.0/9$

0.007 ± 0.000 $\chi^2/\text{NDF}: 139601.1/21$

0.007 ± 0.000 $\chi^2/\text{NDF}: 88613.7/11$

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.353+/-0.000 χ^2 /NDF: 24440126323.4/9

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

Right Out: -3.395+/-0.000 χ^2 /NDF: 23589320321.9/11

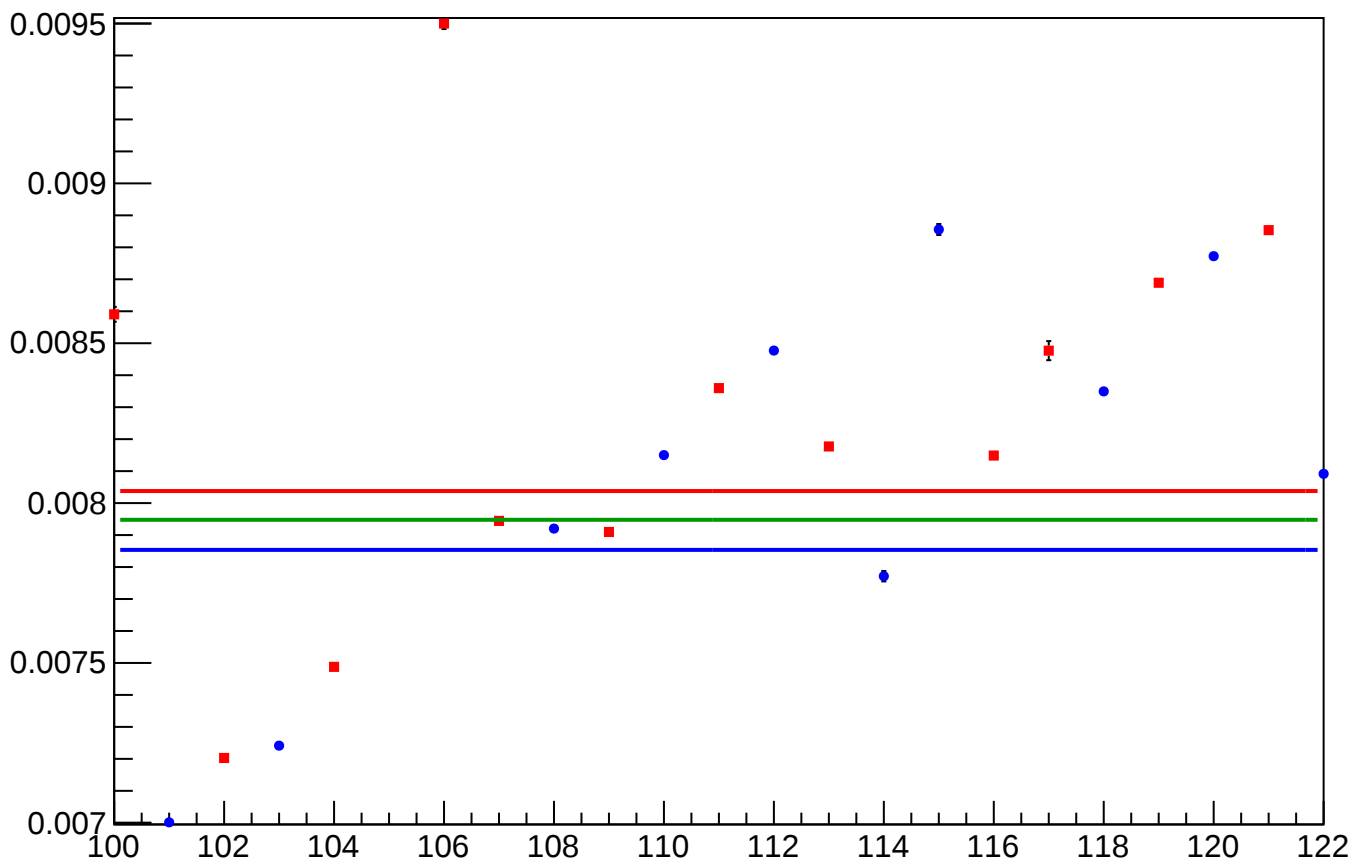
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.353+/-0.000 χ^2 /NDF: 24440126323.4/9

-3.375+/-0.000 χ^2 /NDF: 48083173233.1/11

-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 : 45444.1/9

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

Right Out: 0.008+/-0.000 χ^2/NDF : 41042.7/11

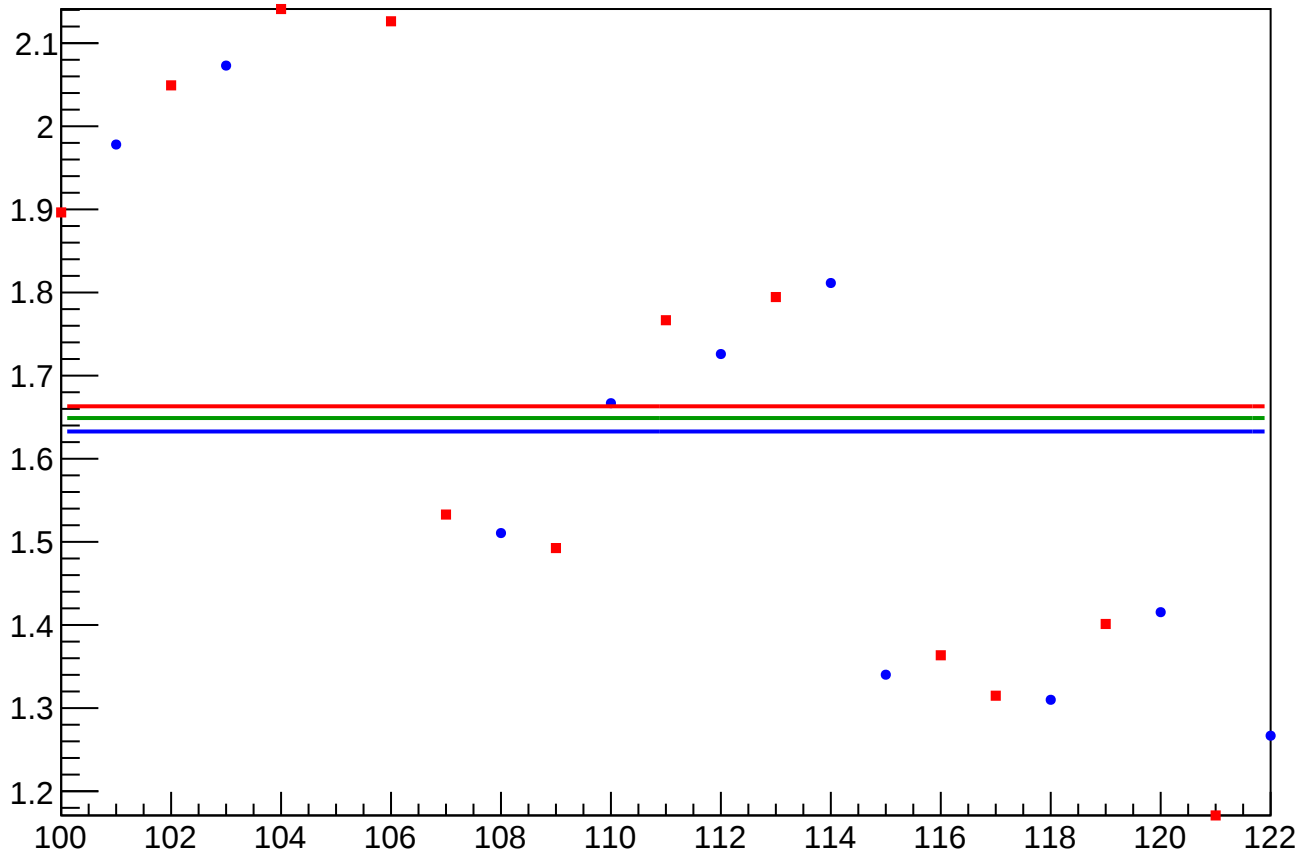
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 45444.1/9

0.008+/-0.000 χ^2/NDF : 88574.9/21

0.008+/-0.000 χ^2/NDF : 41042.7/11

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.633+/-0.000 χ^2/NDF : 1939816599.3/9

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

Right Out: 1.663+/-0.000 χ^2/NDF : 2635615999.0/11

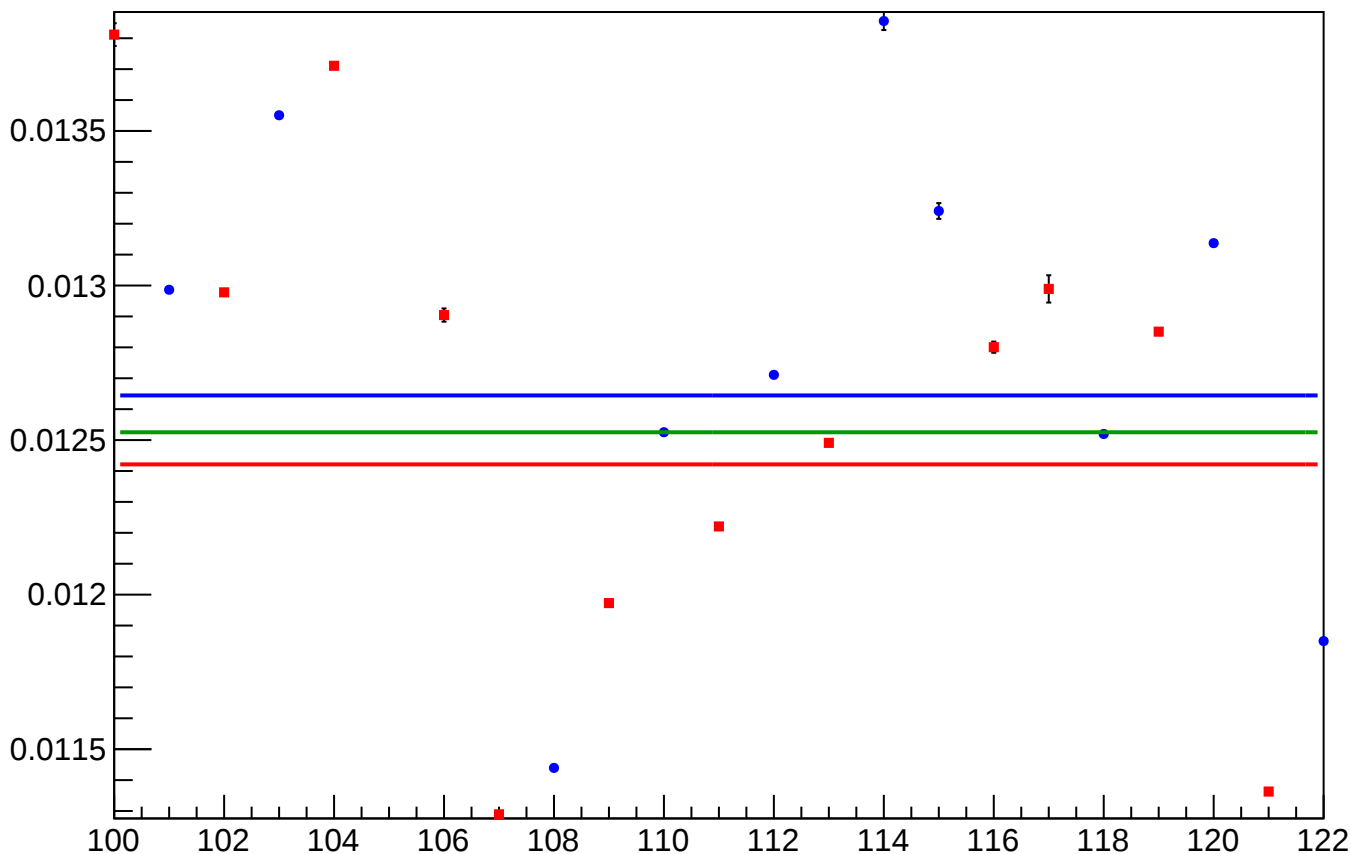
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.633+/-0.000 χ^2/NDF : 1939816599.3/9

1.649+/-0.000 χ^2/NDF : 4586918194.6/21

1.663+/-0.000 χ^2/NDF : 2635615999.0/11

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013 ± 0.000 $\chi^2/\text{NDF}: 21040.2/9$

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

Right Out: 0.012 ± 0.000 $\chi^2/\text{NDF}: 29562.1/11$

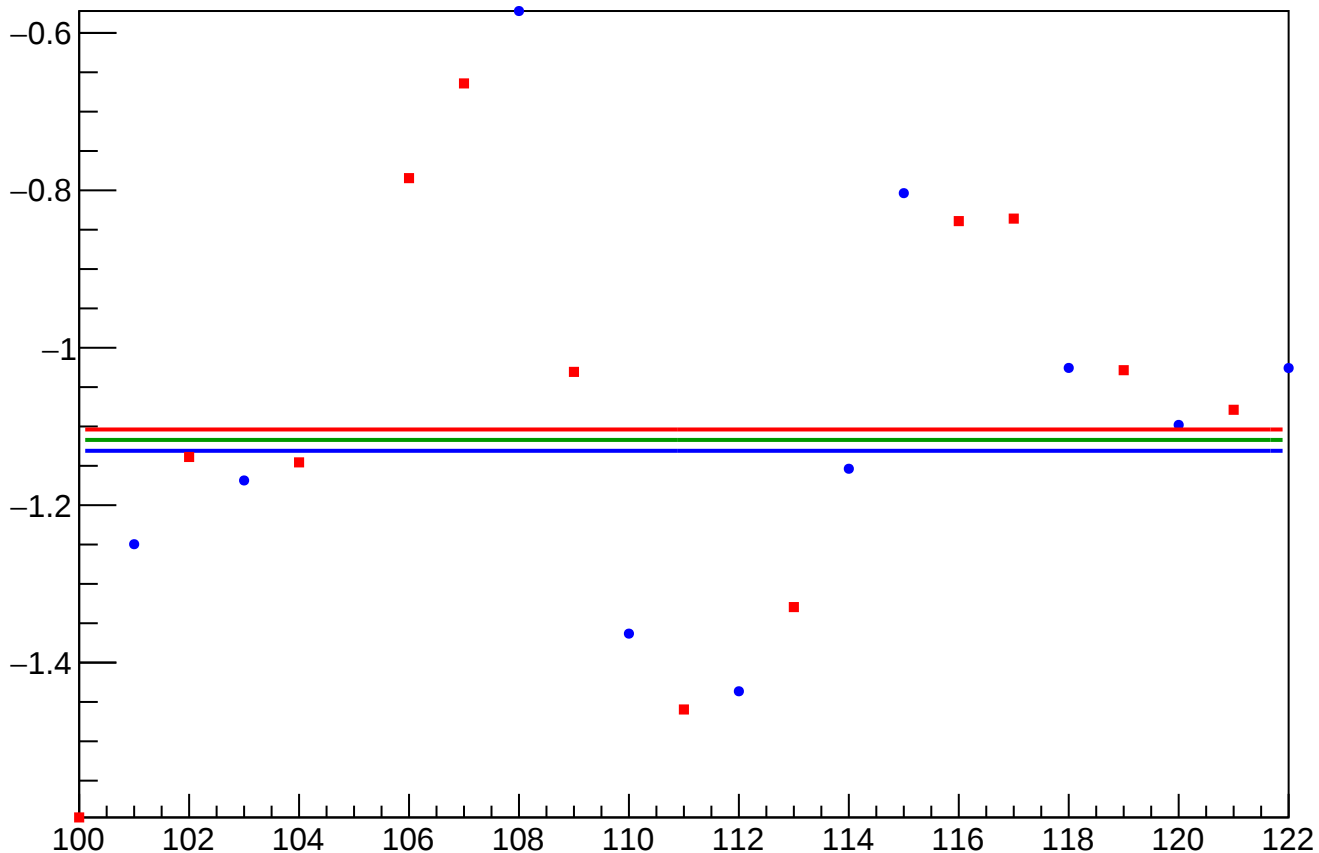
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.013 ± 0.000 $\chi^2/\text{NDF}: 21040.2/9$

0.013 ± 0.000 $\chi^2/\text{NDF}: 51846.7/21$

0.012 ± 0.000 $\chi^2/\text{NDF}: 29562.1/11$

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.131+/-0.000 χ^2/NDF : 2304513821.2/9

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

Right Out: -1.104+/-0.000 χ^2/NDF : 2082785836.2/11

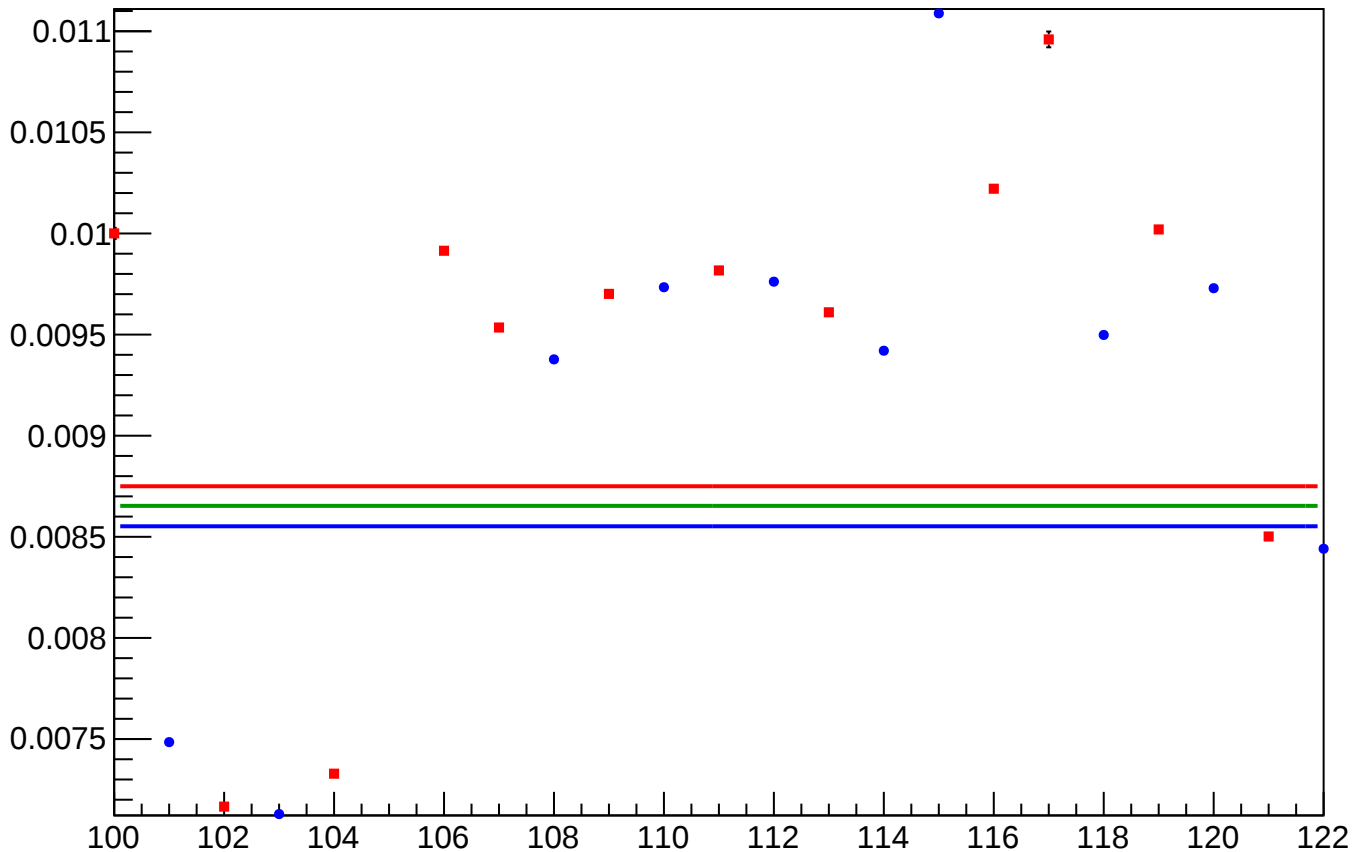
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.131+/-0.000 χ^2/NDF : 2304513821.2/9

-1.117+/-0.000 χ^2/NDF : 4405817210.3/2

-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 : 130198.9/9

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

Right Out: 0.009+/-0.000 χ^2/NDF : 152058.1/11

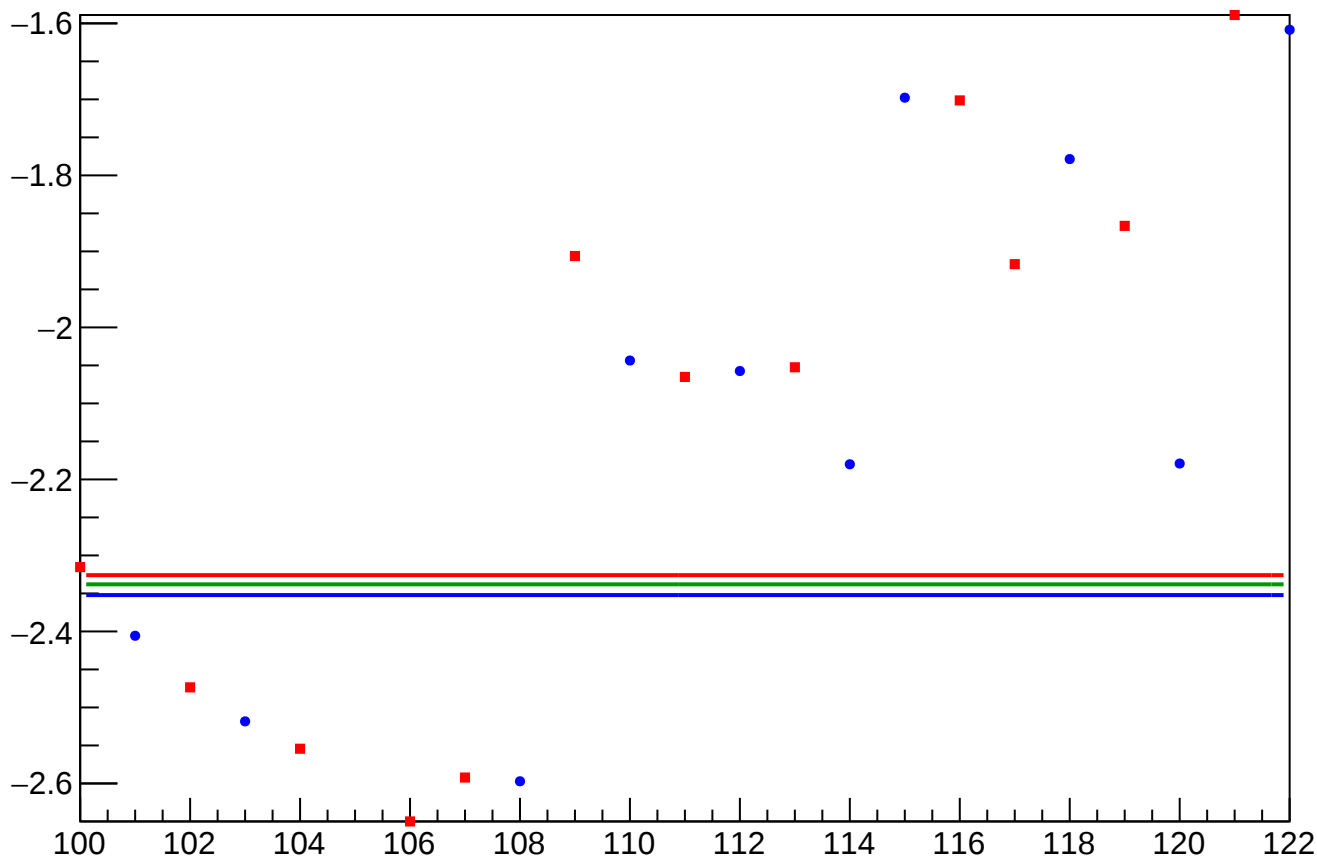
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 130198.9/9

0.009+/-0.000 χ^2/NDF : 284233.9/21

0.009+/-0.000 χ^2/NDF : 152058.1/11

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.352+/-0.000 χ^2/NDF : 4721969766.6/9

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

Right Out: -2.326+/-0.000 χ^2/NDF : 7149594518.1/11

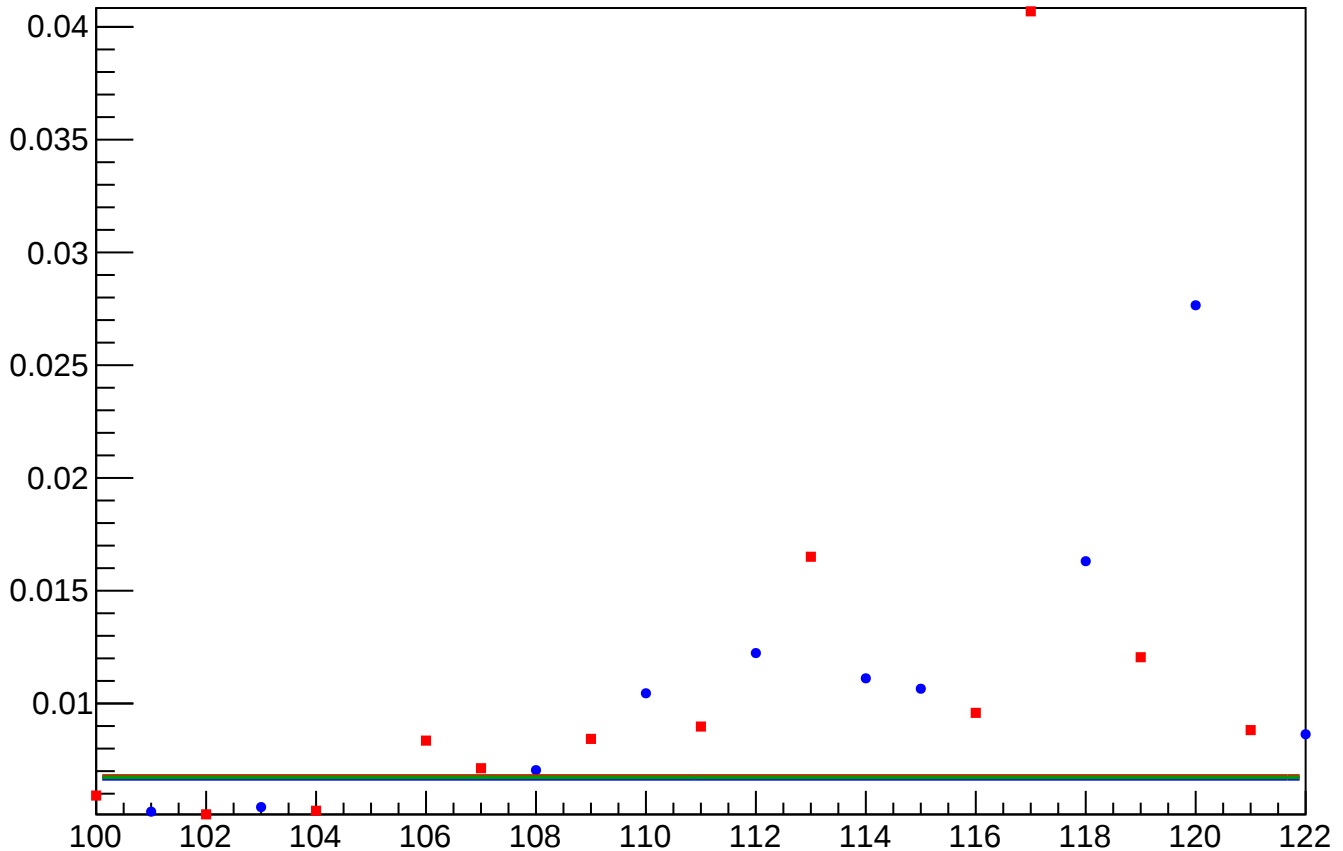
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.352+/-0.000 χ^2/NDF : 4721969766.6/9

-2.338+/-0.000 χ^2/NDF : 11893411416.2/11

-2.326+/-0.000 χ^2/NDF : 7149594518.1/11

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 917160.5/9

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

Right Out: 0.007+/-0.000 χ^2/NDF : 712608.8/11

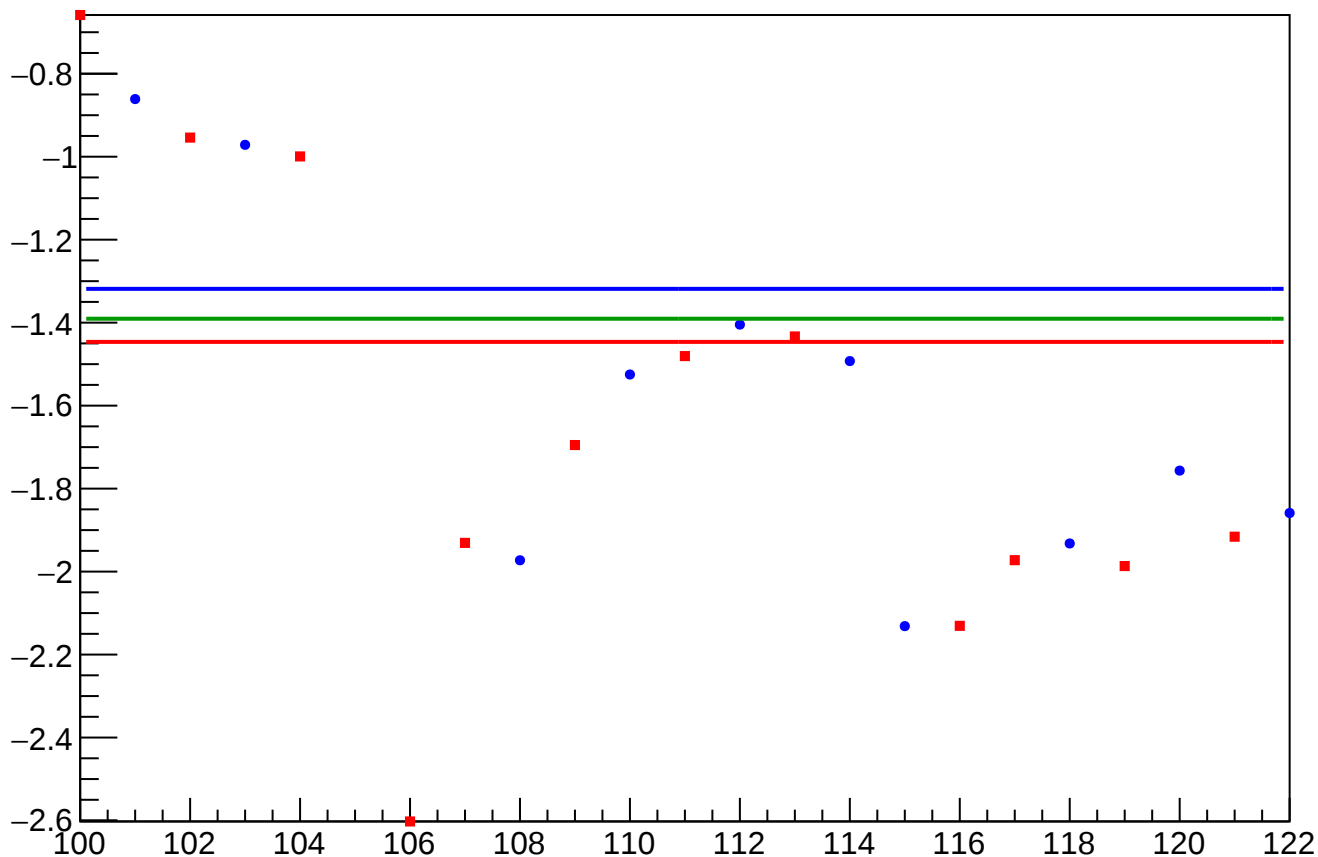
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 917160.5/9

0.007+/-0.000 χ^2/NDF : 1630572.1/21

0.007+/-0.000 χ^2/NDF : 712608.8/11

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.319+/-0.000 χ^2/NDF : 15062538028.3/9

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

Right Out: -1.446+/-0.000 χ^2/NDF : 22940583651.5/11

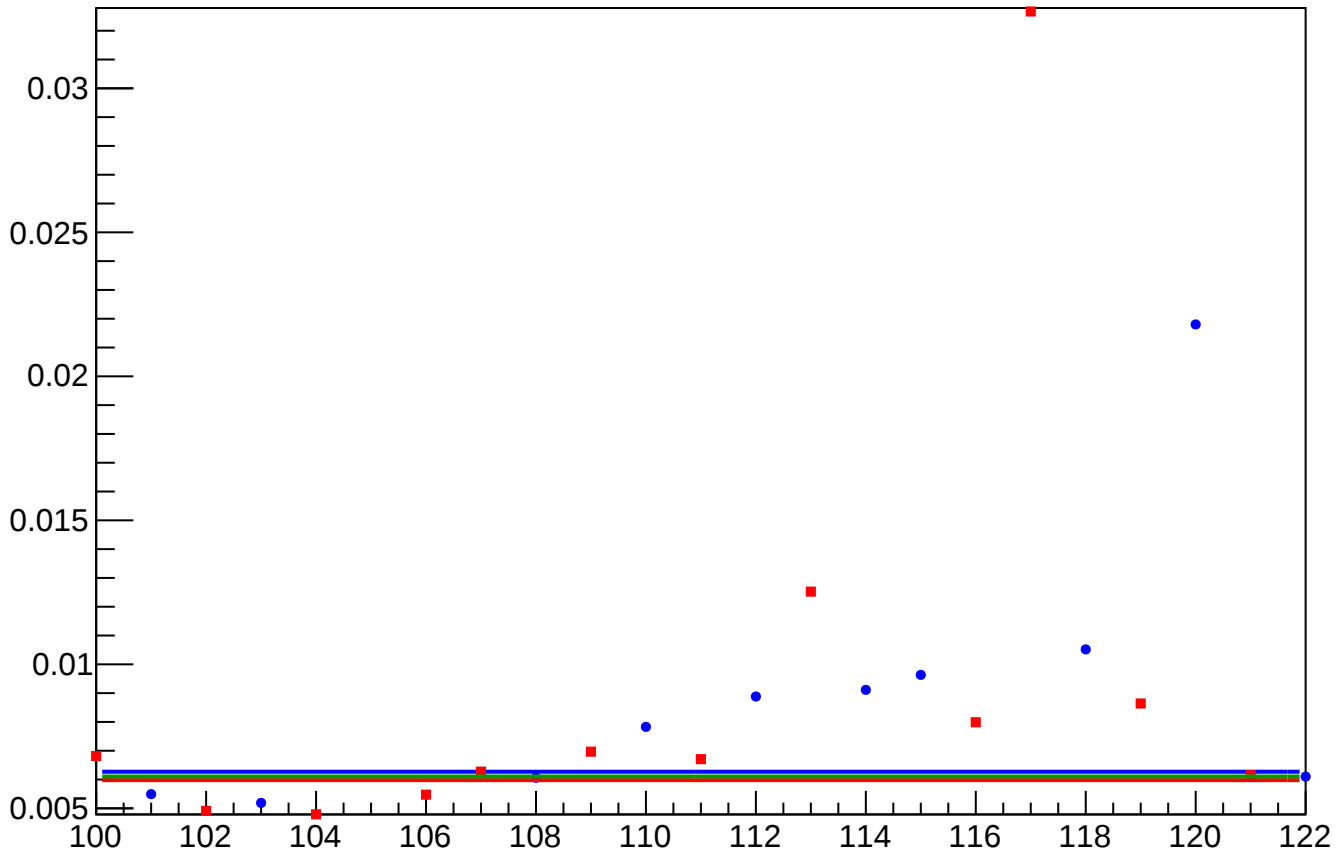
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.319+/-0.000 χ^2/NDF : 15062538028.3/9

-1.391+/-0.000 χ^2/NDF : 38656665634.6/11

-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 : 518907.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 394821.5/11

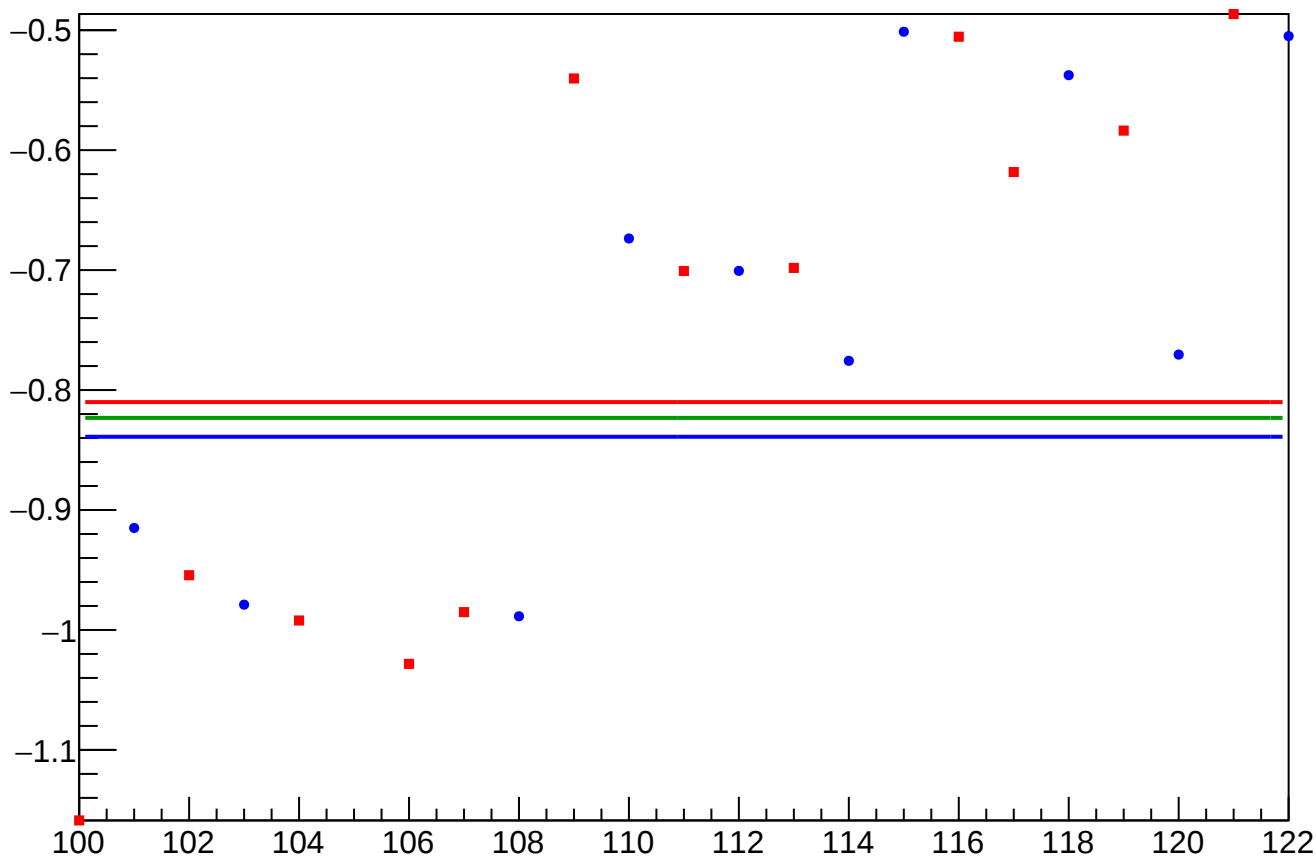
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 518907.5/9

0.006+/-0.000 χ^2/NDF : 920597.9/21

0.006+/-0.000 χ^2/NDF : 394821.5/11

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.839+/-0.000 χ^2/NDF : 3622833325.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.810+/-0.000 χ^2/NDF : 6054722811.5/11

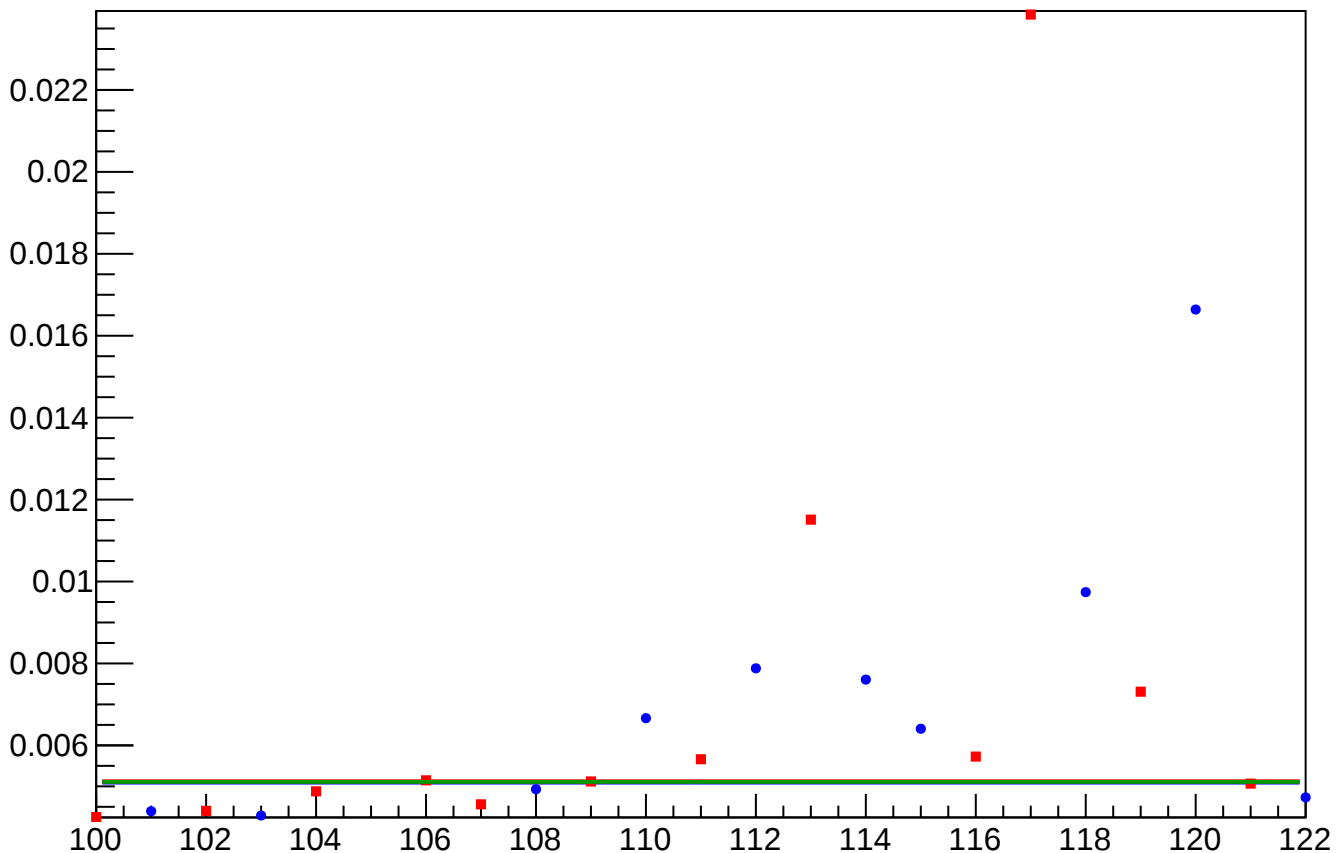
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.839+/-0.000 χ^2/NDF : 3622833325.8/9

-0.823+/-0.000 χ^2/NDF : 9726756617.5/23

-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 : 587433.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 332709.8/11

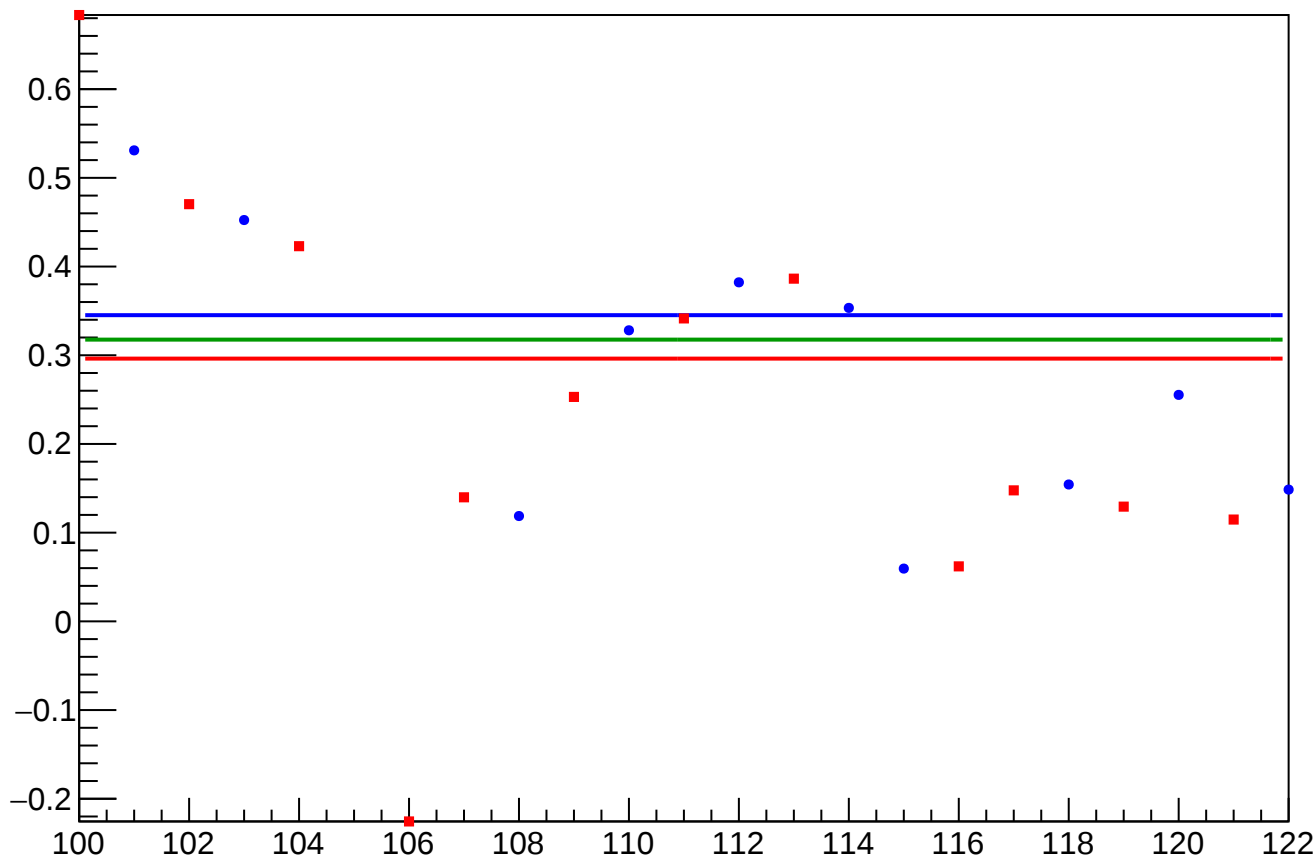
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 587433.5/9

0.005+/-0.000 χ^2/NDF : 920241.2/21

0.005+/-0.000 χ^2/NDF : 332709.8/11

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.345+/-0.000 χ^2/NDF : 4610933064.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.296+/-0.000 χ^2/NDF : 6827501205.3/11

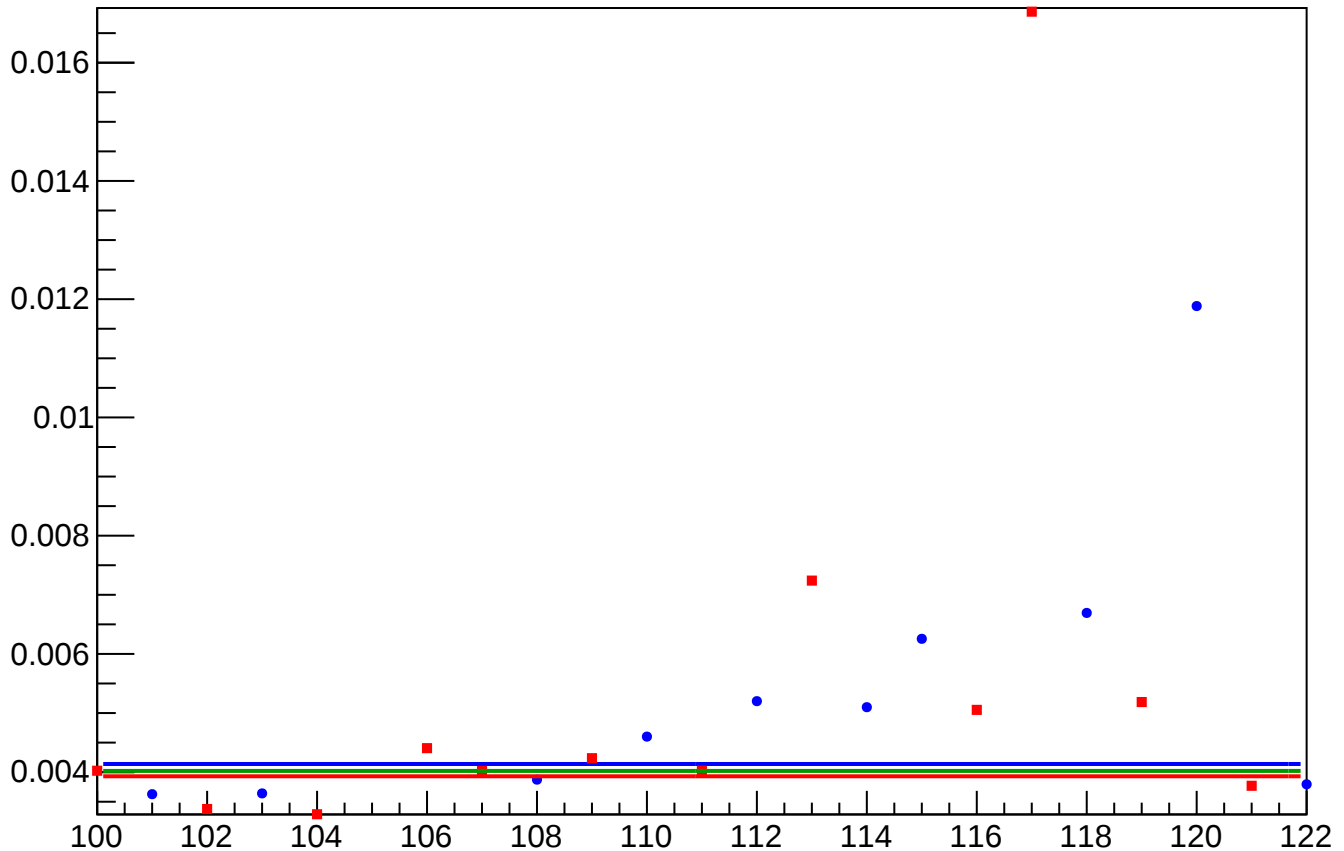
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.345+/-0.000 χ^2/NDF : 4610933064.5/9

0.318+/-0.000 χ^2/NDF : 11670834914.0/2

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 : 427365.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 278708.0/11

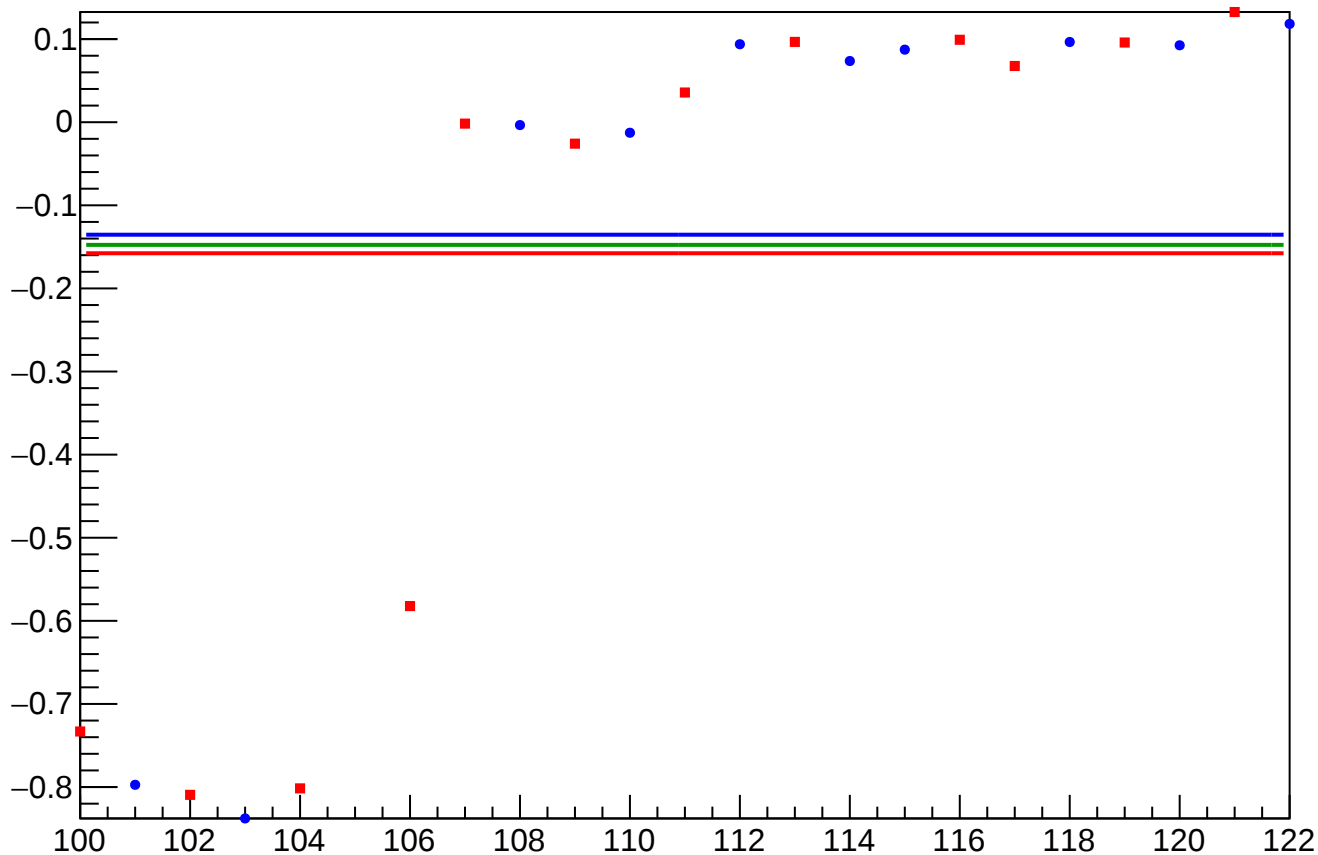
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 427365.2/9

0.004+/-0.000 χ^2/NDF : 714465.9/21

0.004+/-0.000 χ^2/NDF : 278708.0/11

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.135+/-0.000 χ^2/NDF : 4705999930.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 5104623692.6/11

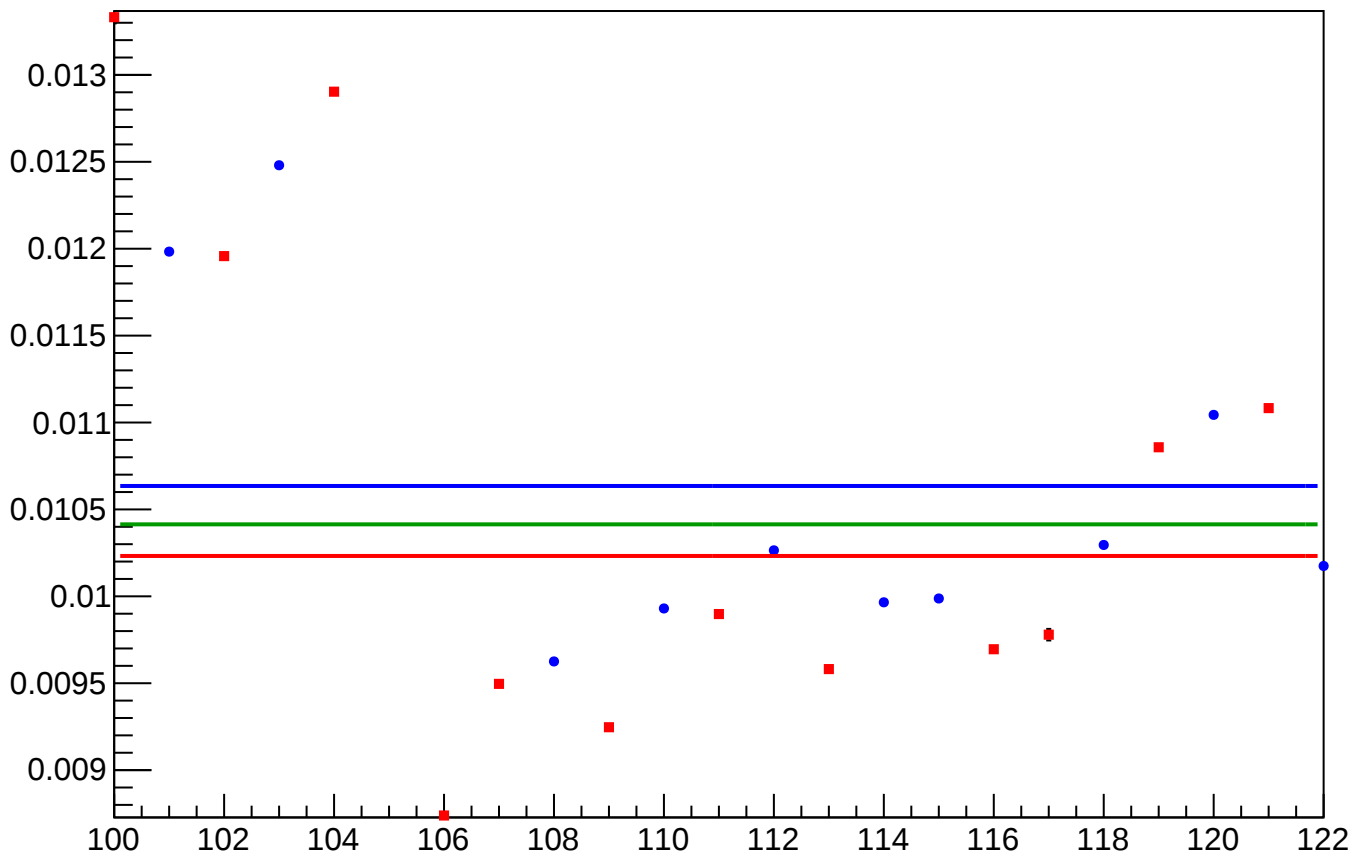
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.135+/-0.000 χ^2/NDF : 4705999930.7/9

-0.148+/-0.000 χ^2/NDF : 9819822767.0/2

-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 : 58420.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 120674.8/11

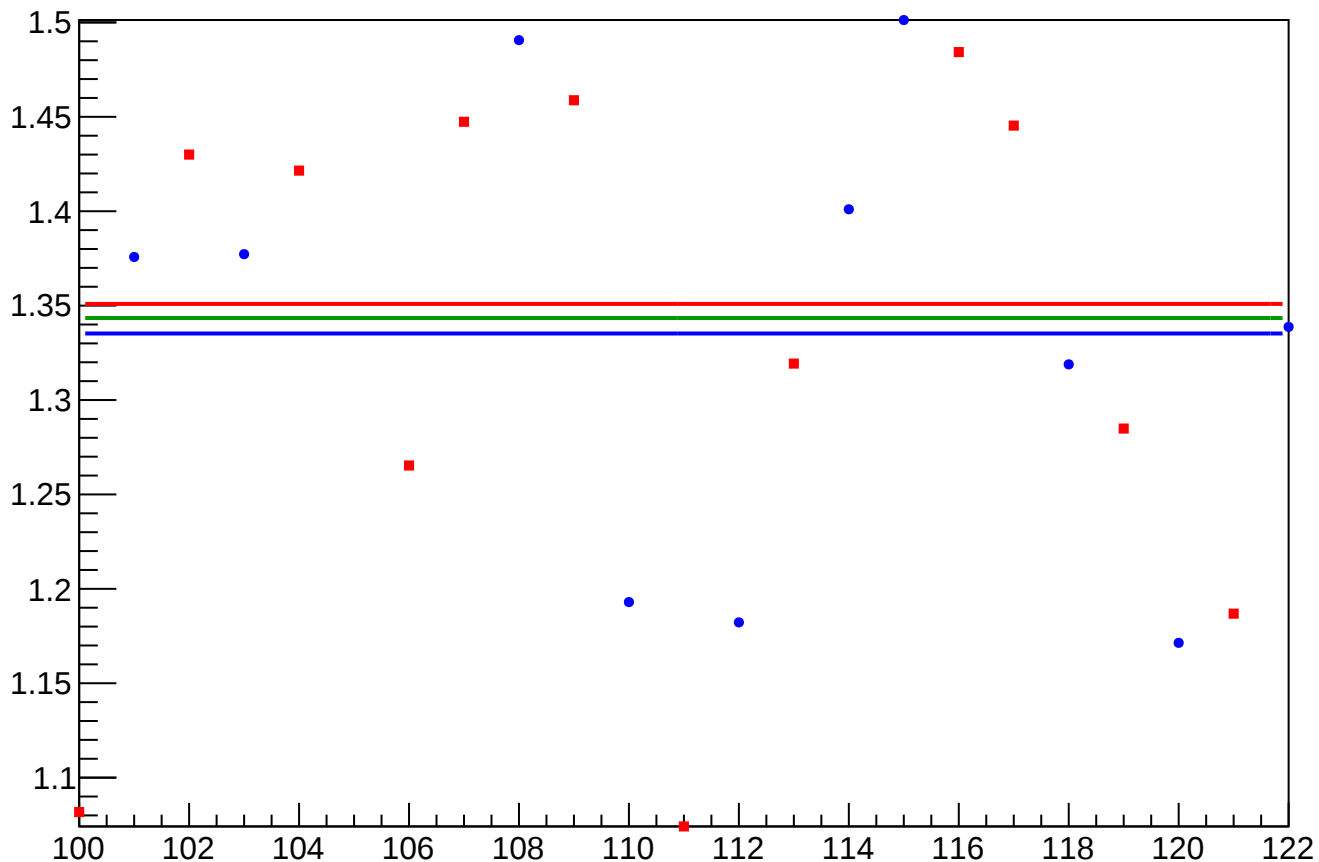
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 58420.5/9

0.010+/-0.000 χ^2/NDF : 185085.7/21

0.010+/-0.000 χ^2/NDF : 120674.8/11

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.335 ± 0.000 $\chi^2/\text{NDF}: 722516075.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.351 ± 0.000 $\chi^2/\text{NDF}: 1265628933.0/11$

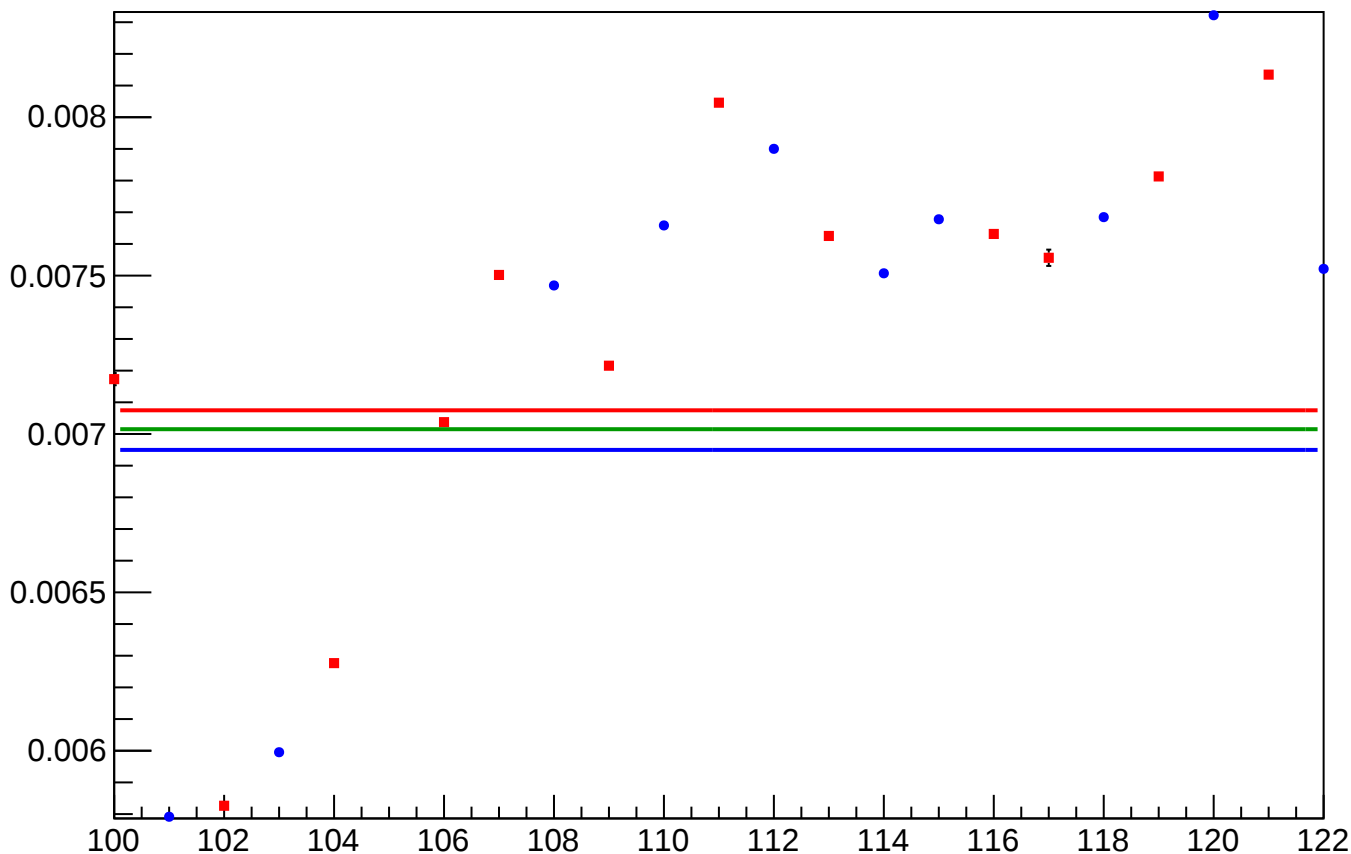
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1.335 ± 0.000 $\chi^2/\text{NDF}: 722516075.3/9$

1.343 ± 0.000 $\chi^2/\text{NDF}: 1998141831.9/21$

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 : 133661.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 110315.2/11

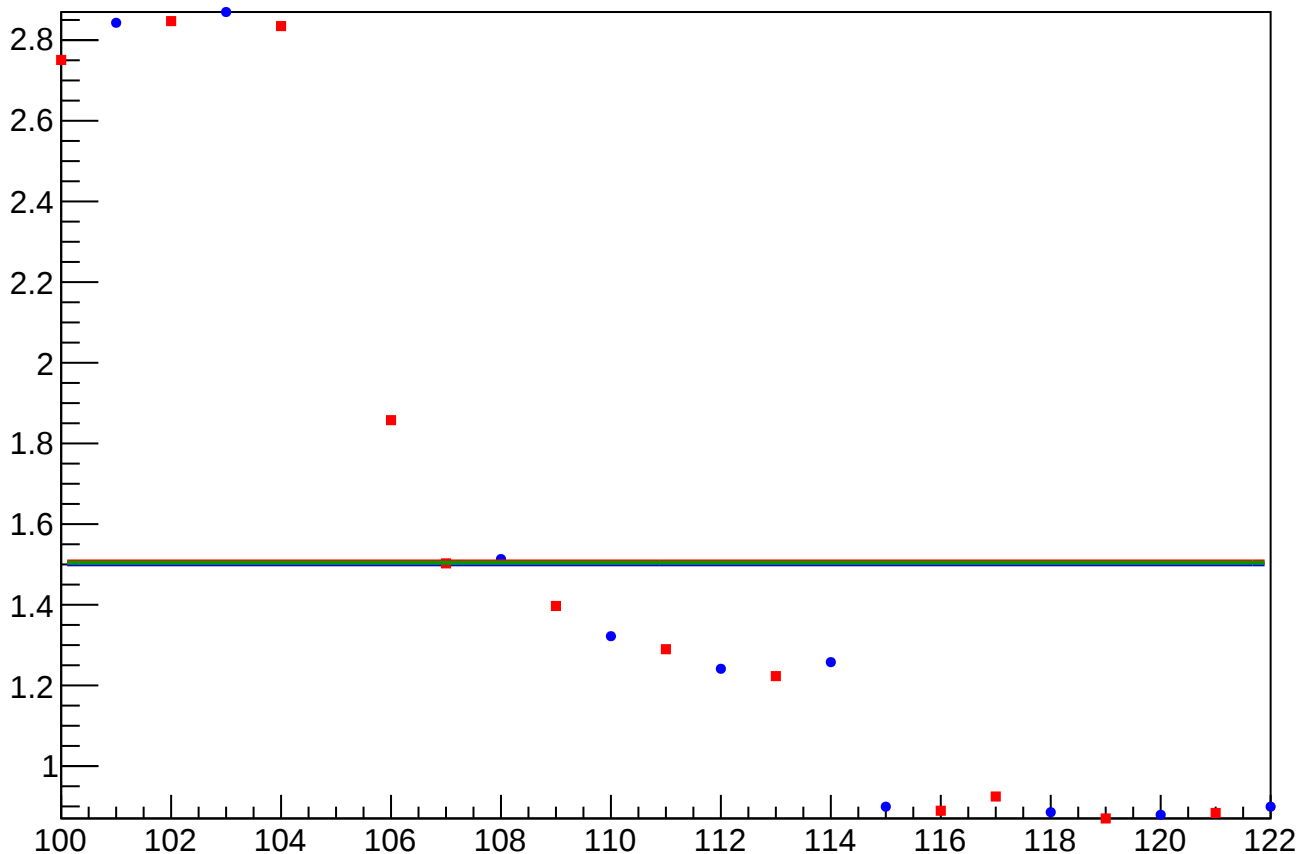
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 133661.3/9

0.007+/-0.000 χ^2/NDF : 245250.8/21

0.007+/-0.000 χ^2/NDF : 110315.2/11

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.500+/-0.000 χ^2/NDF : 44370682065.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.507+/-0.000 χ^2/NDF : 40126593188.0/11

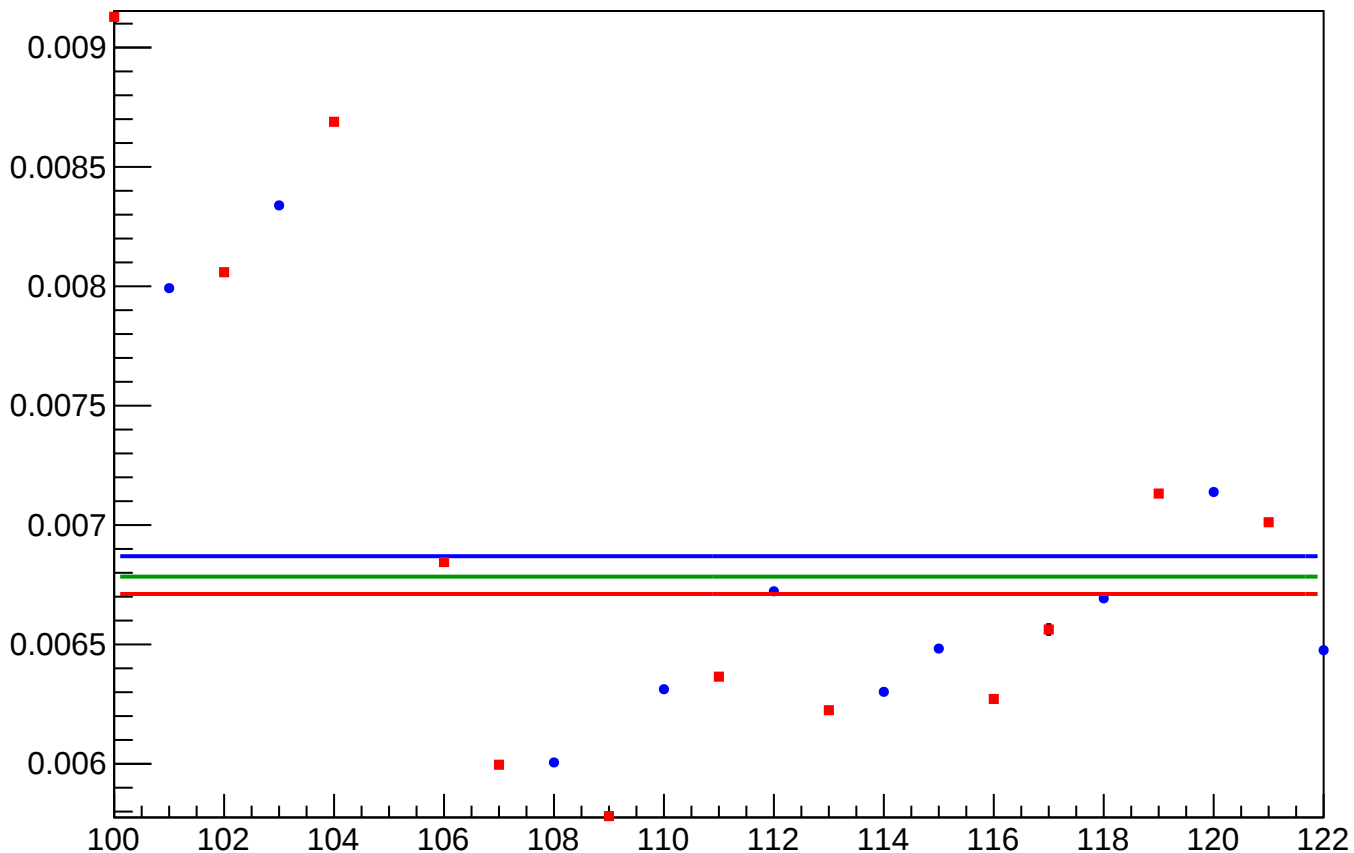
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.500+/-0.000 χ^2/NDF : 44370682065.0/9

1.504+/-0.000 χ^2/NDF : 84499428588.1/2

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 : 87127.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 143725.1/11

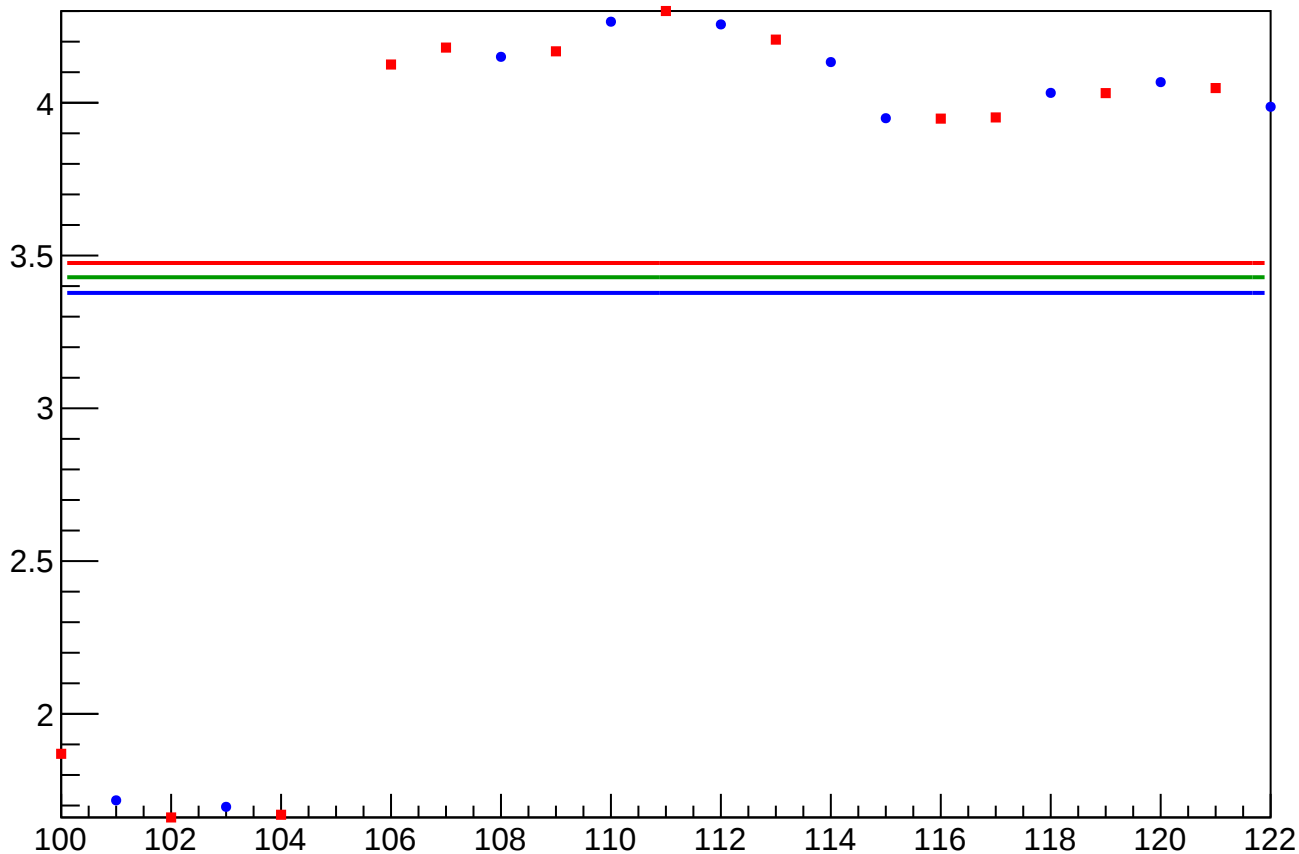
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 87127.1/9

0.007+/-0.000 χ^2/NDF : 233024.8/21

0.007+/-0.000 χ^2/NDF : 143725.1/11

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.378 ± 0.000 $\chi^2/\text{NDF}: 167432986835.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.476 ± 0.000 $\chi^2/\text{NDF}: 177257462752.8/11$

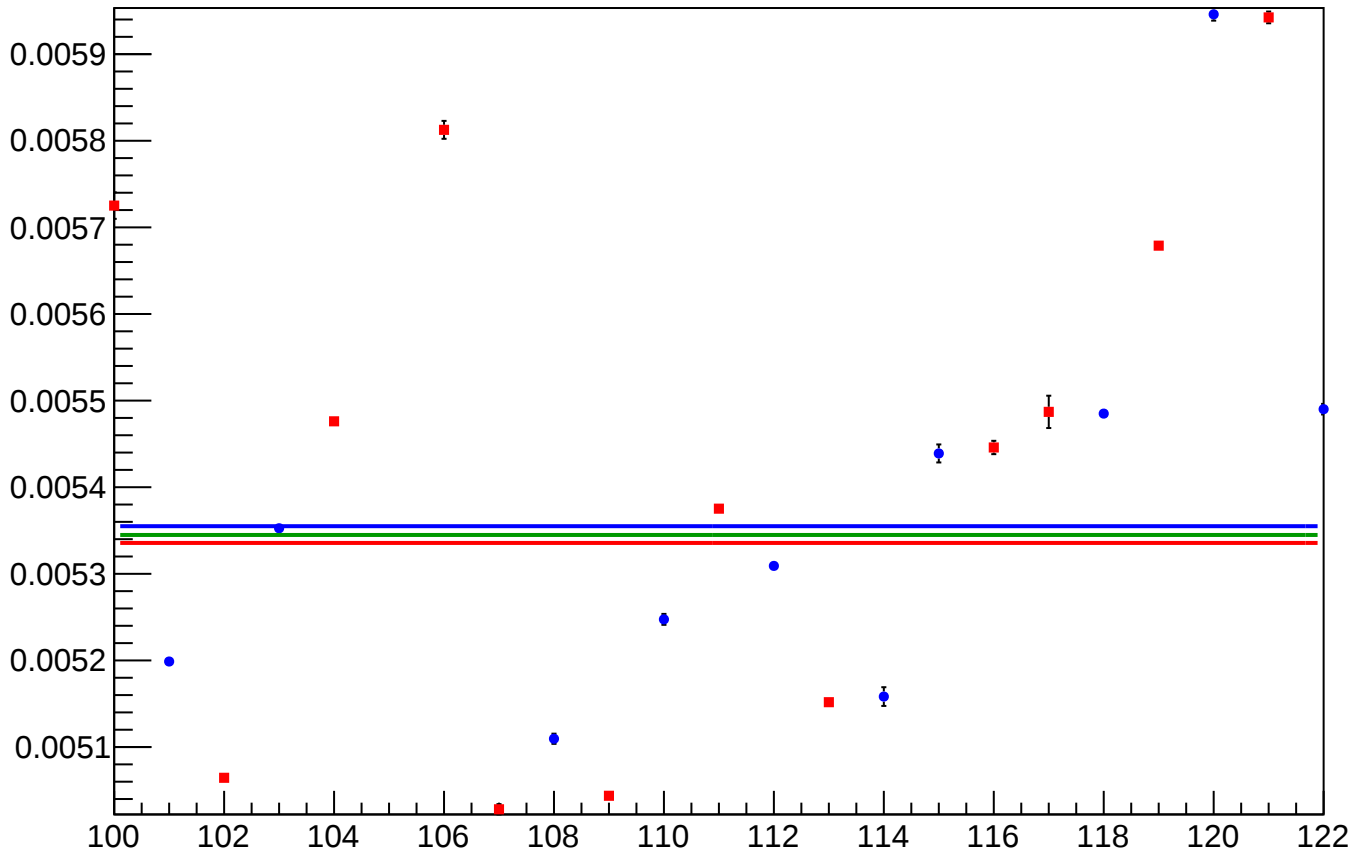
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.378 ± 0.000 $\chi^2/\text{NDF}: 167432986835.5/9$

3.429 ± 0.000 $\chi^2/\text{NDF}: 345362760380.5/11$

3.476 ± 0.000 $\chi^2/\text{NDF}: 177257462752.8/11$

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 11188.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 25892.1/11

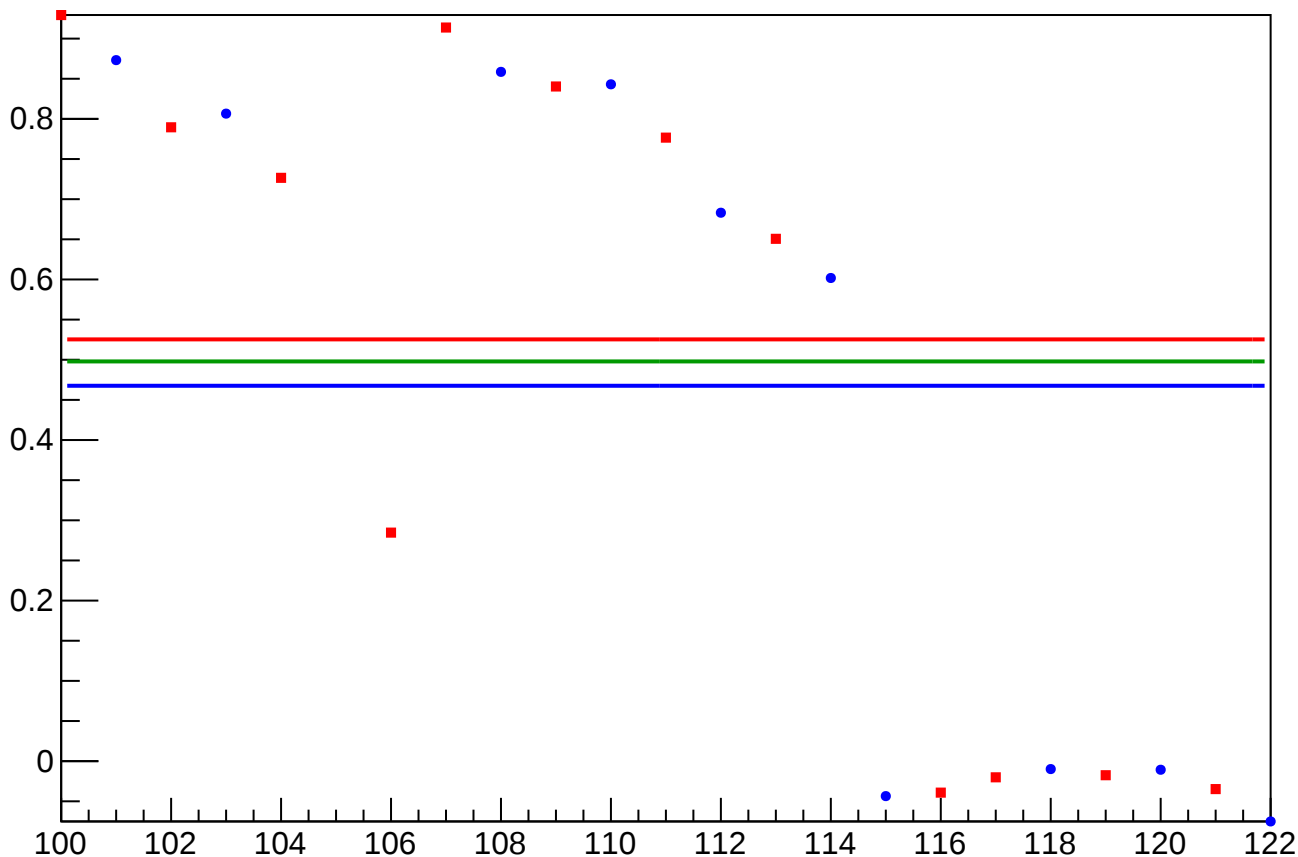
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 11188.2/9

0.005+/-0.000 χ^2/NDF : 37132.8/21

0.005+/-0.000 χ^2/NDF : 25892.1/11

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.468+/-0.000 χ^2/NDF : 3277659898.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.525+/-0.000 χ^2/NDF : 2987662527.5/11

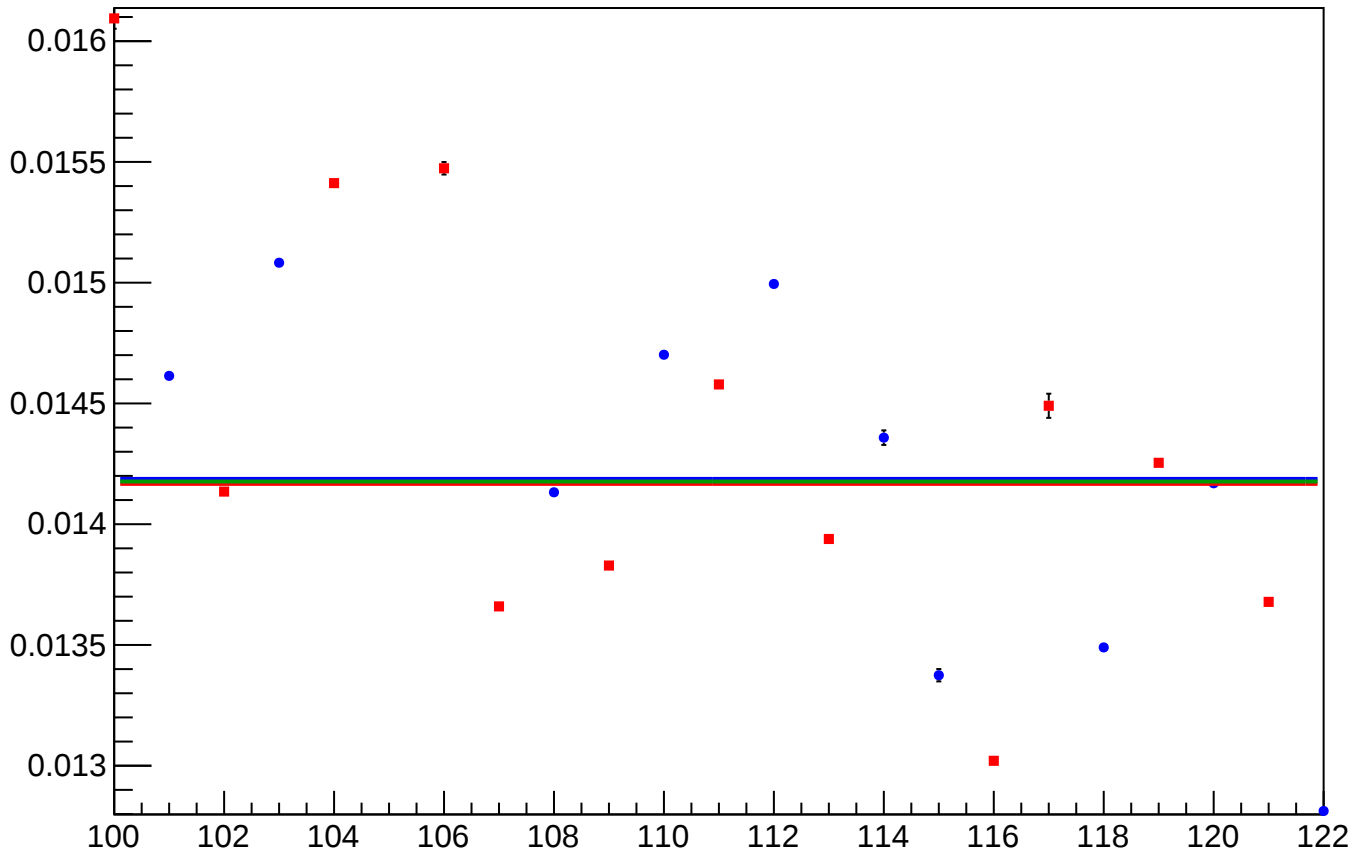
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.468+/-0.000 χ^2/NDF : 3277659898.9/9

0.498+/-0.000 χ^2/NDF : 6298545832.9/21

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 : 21524.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 18419.0/11

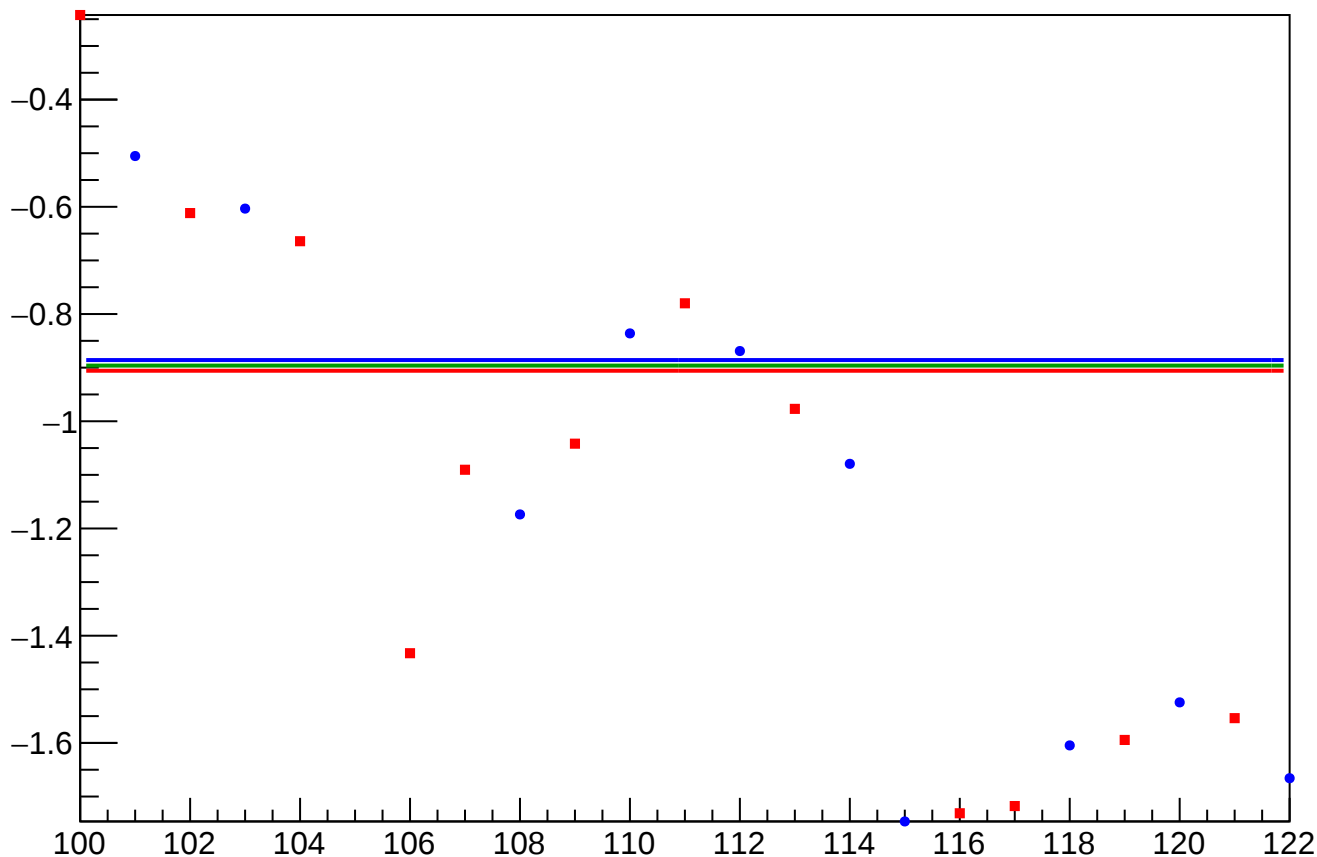
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 21524.8/9

0.014+/-0.000 χ^2/NDF : 39952.2/21

0.014+/-0.000 χ^2/NDF : 18419.0/11

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.886+/-0.000 χ^2/NDF : 24342203104.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.906+/-0.000 χ^2/NDF : 20091598004.6/11

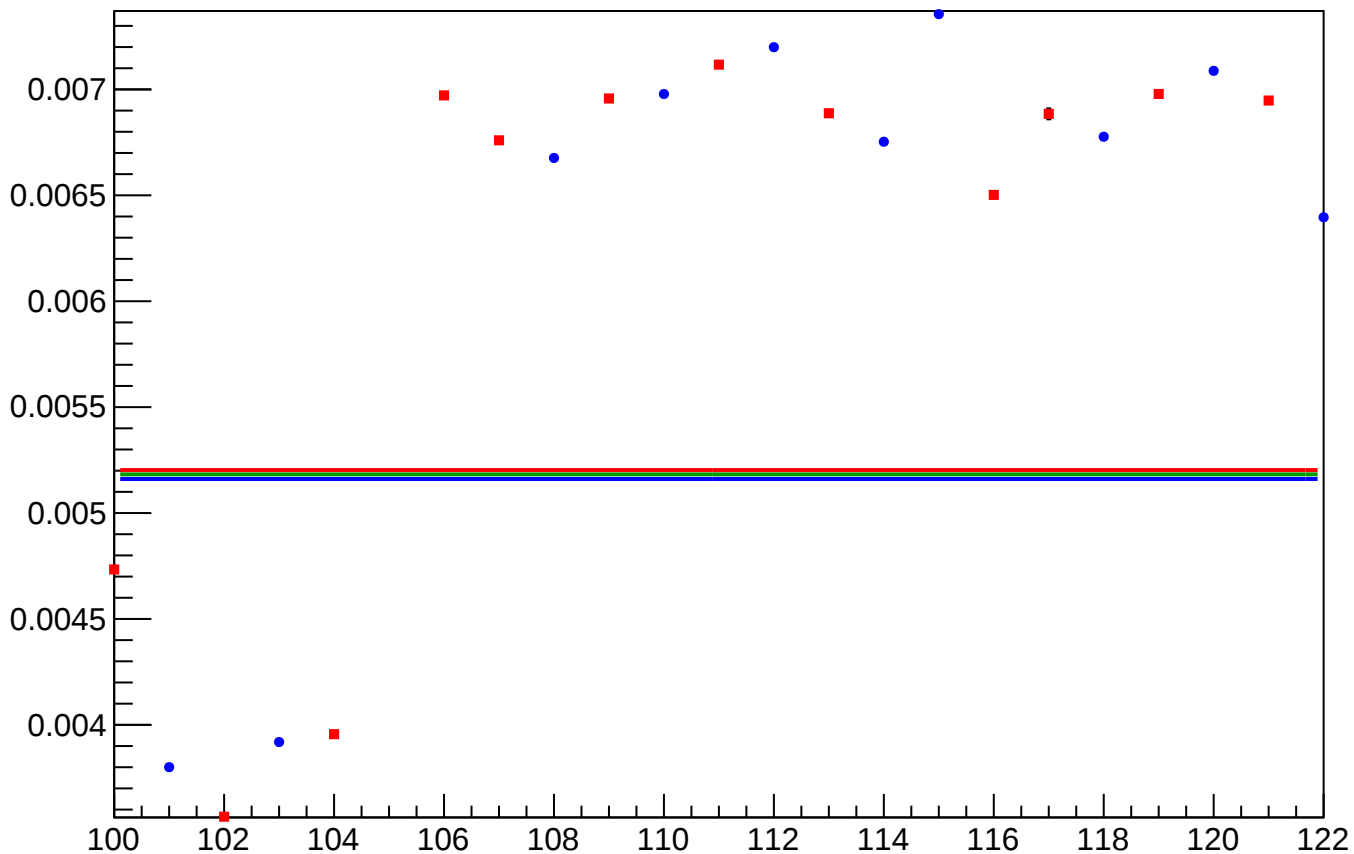
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.886+/-0.000 χ^2/NDF : 24342203104.2/9

-0.896+/-0.000 χ^2/NDF : 44459351784.0/9

-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 : 557134.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 666510.8/11

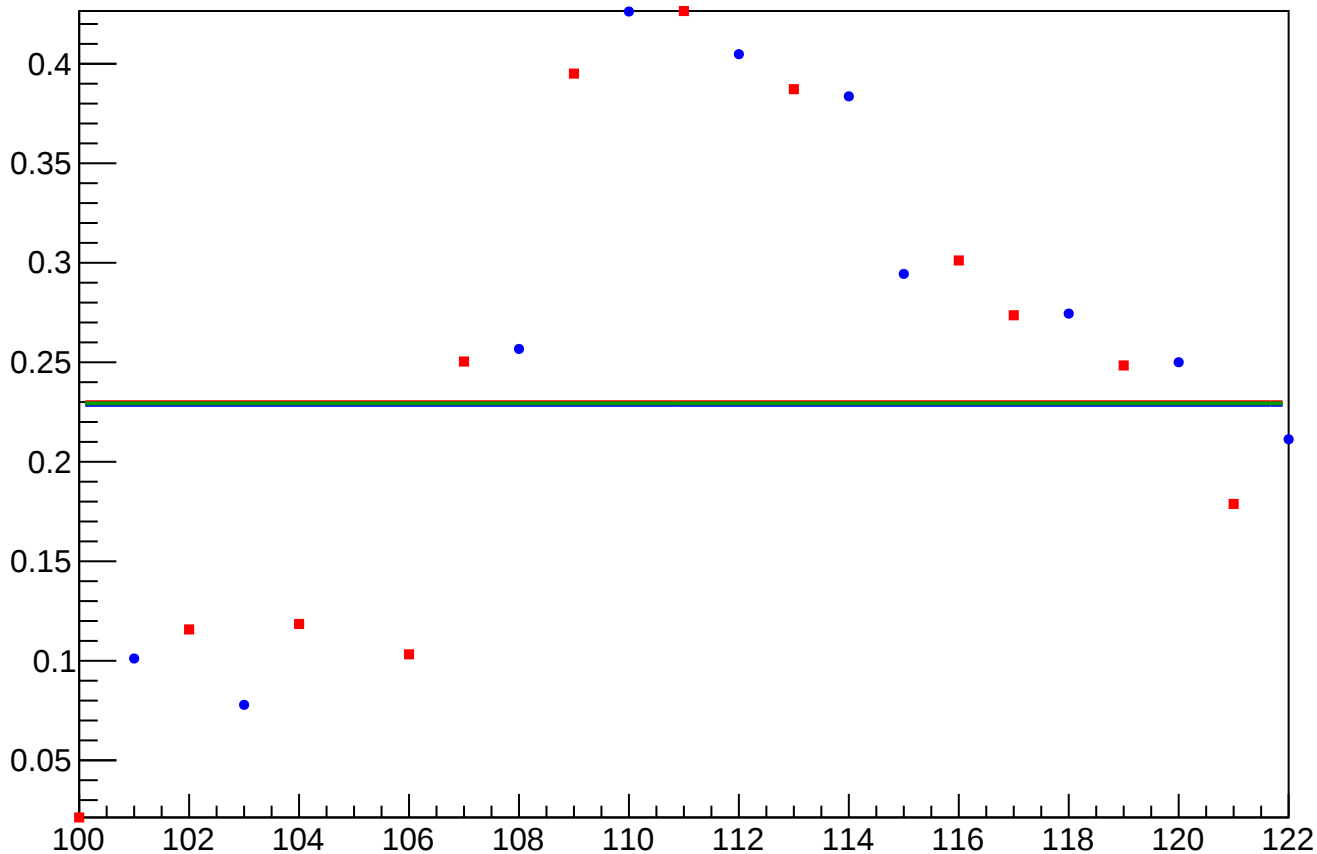
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 557134.7/9

0.005+/-0.000 χ^2/NDF : 1223874.9/21

0.005+/-0.000 χ^2/NDF : 666510.8/11

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.229+/-0.000 χ^2/NDF : 17937788299.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.230+/-0.000 χ^2/NDF : 23563435728.4/11

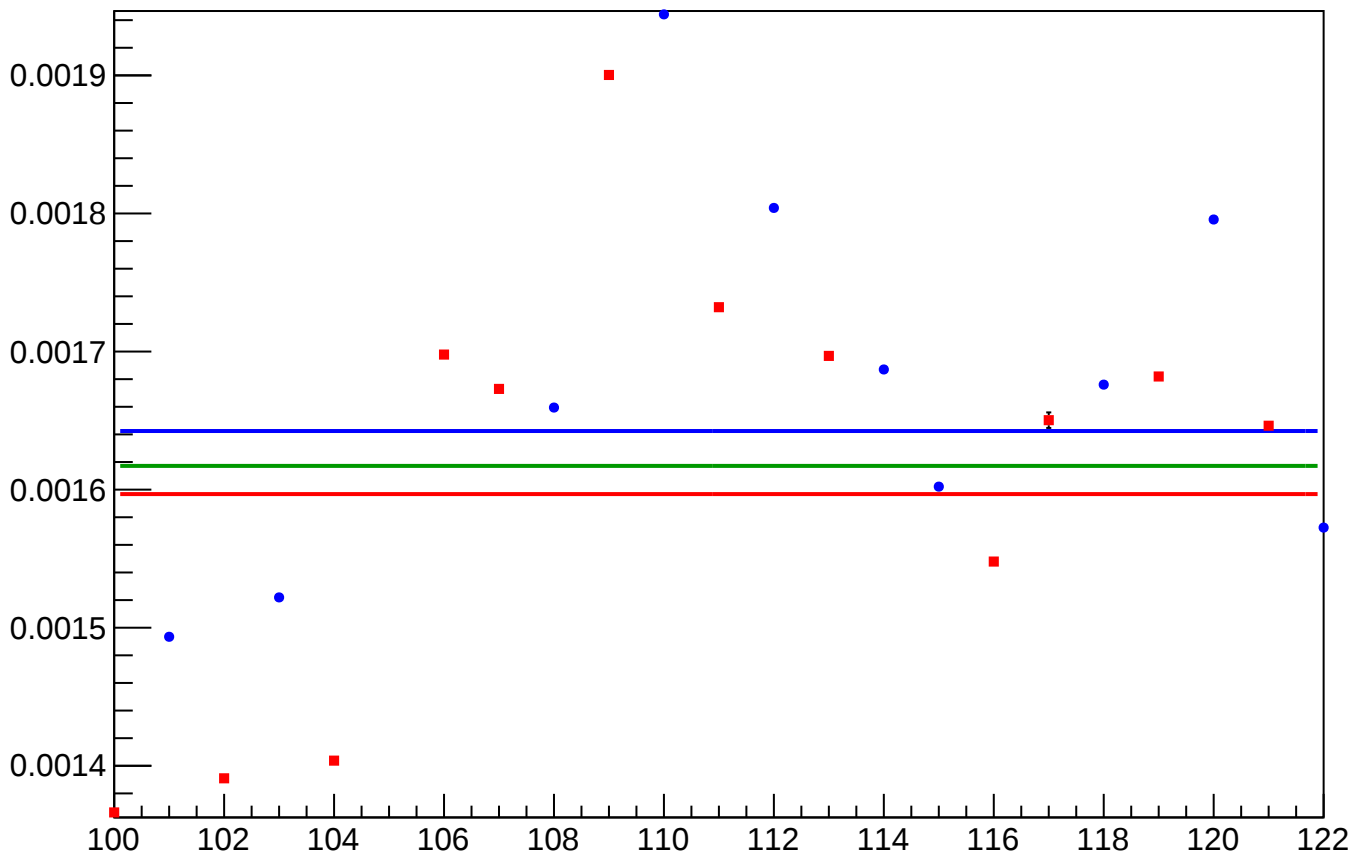
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.229+/-0.000 χ^2/NDF : 17937788299.0/9

0.229+/-0.000 χ^2/NDF : 41502469553.8/2

0.230+/-0.000 χ^2/NDF : 23563435728.4/11

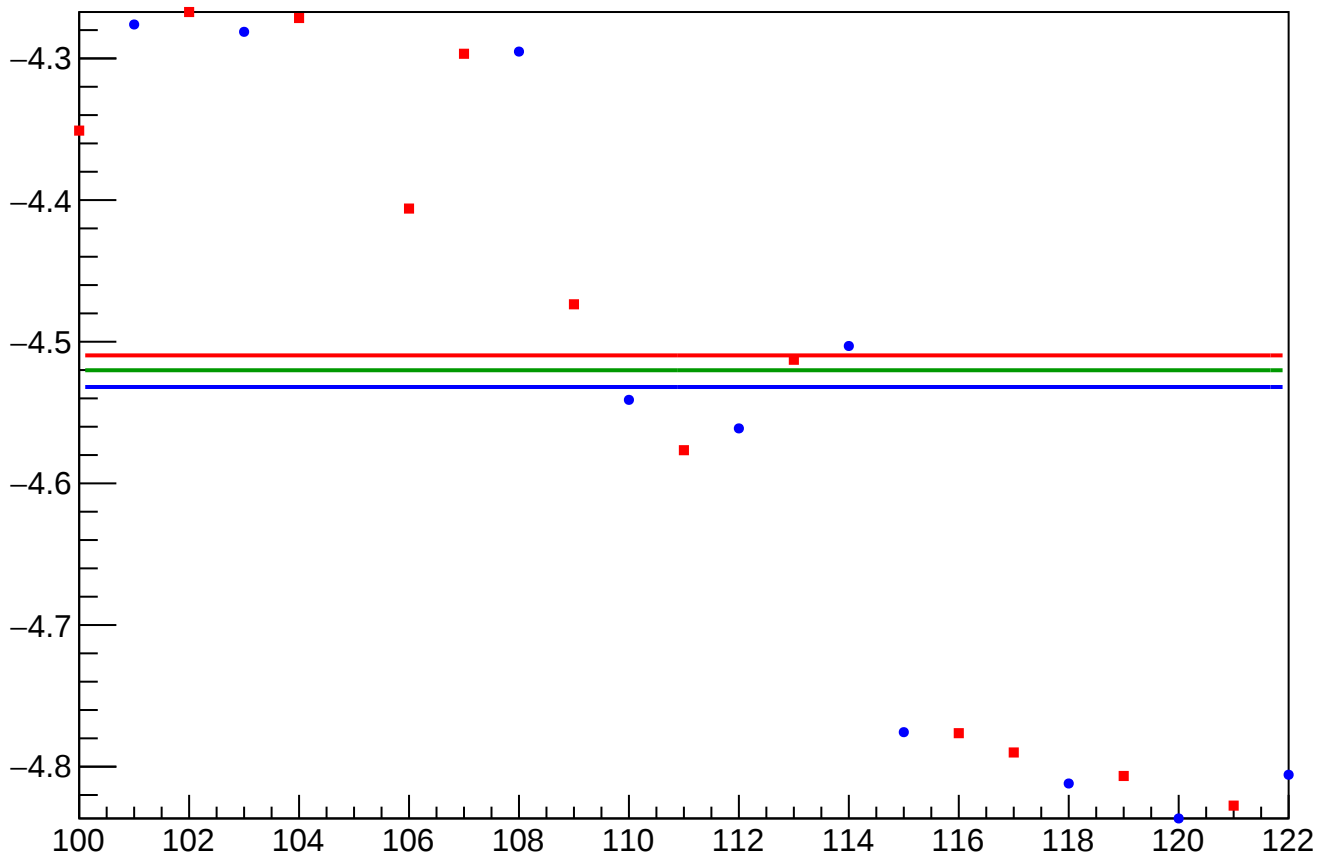
yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002 ± 0.000 $\chi^2/\text{NDF}: 45886.4/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.002 ± 0.000 $\chi^2/\text{NDF}: 85687.4/11$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.002 ± 0.000 $\chi^2/\text{NDF}: 45886.4/9$
 0.002 ± 0.000 $\chi^2/\text{NDF}: 134637.9/21$
 0.002 ± 0.000 $\chi^2/\text{NDF}: 85687.4/11$

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.532+/-0.000 χ^2/NDF : 57535224412.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.532+/-0.000 χ^2/NDF : 57535224412.6/9

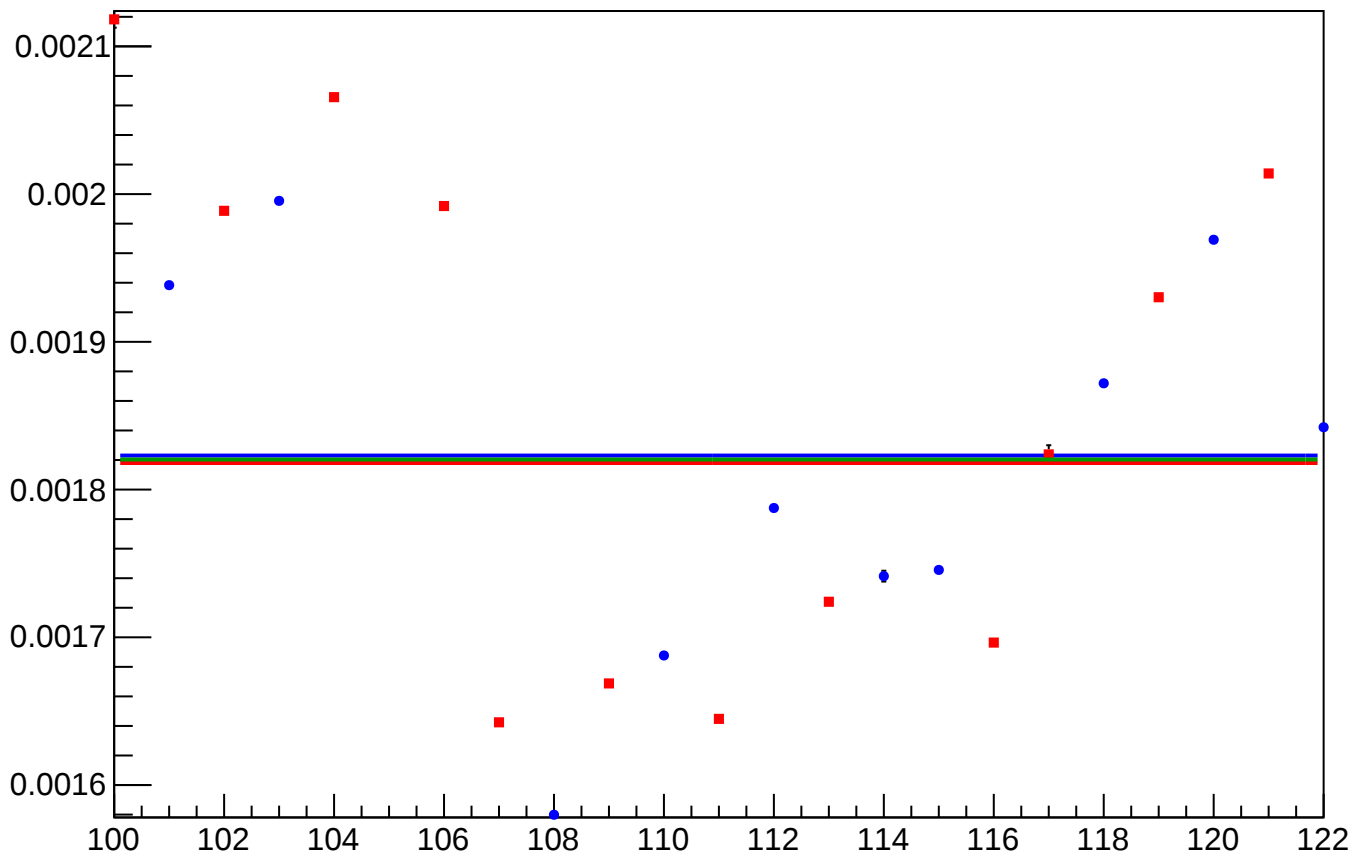
-4.520+/-0.000 χ^2/NDF : 107944542724.3

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 : 40195.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 69693.8/11

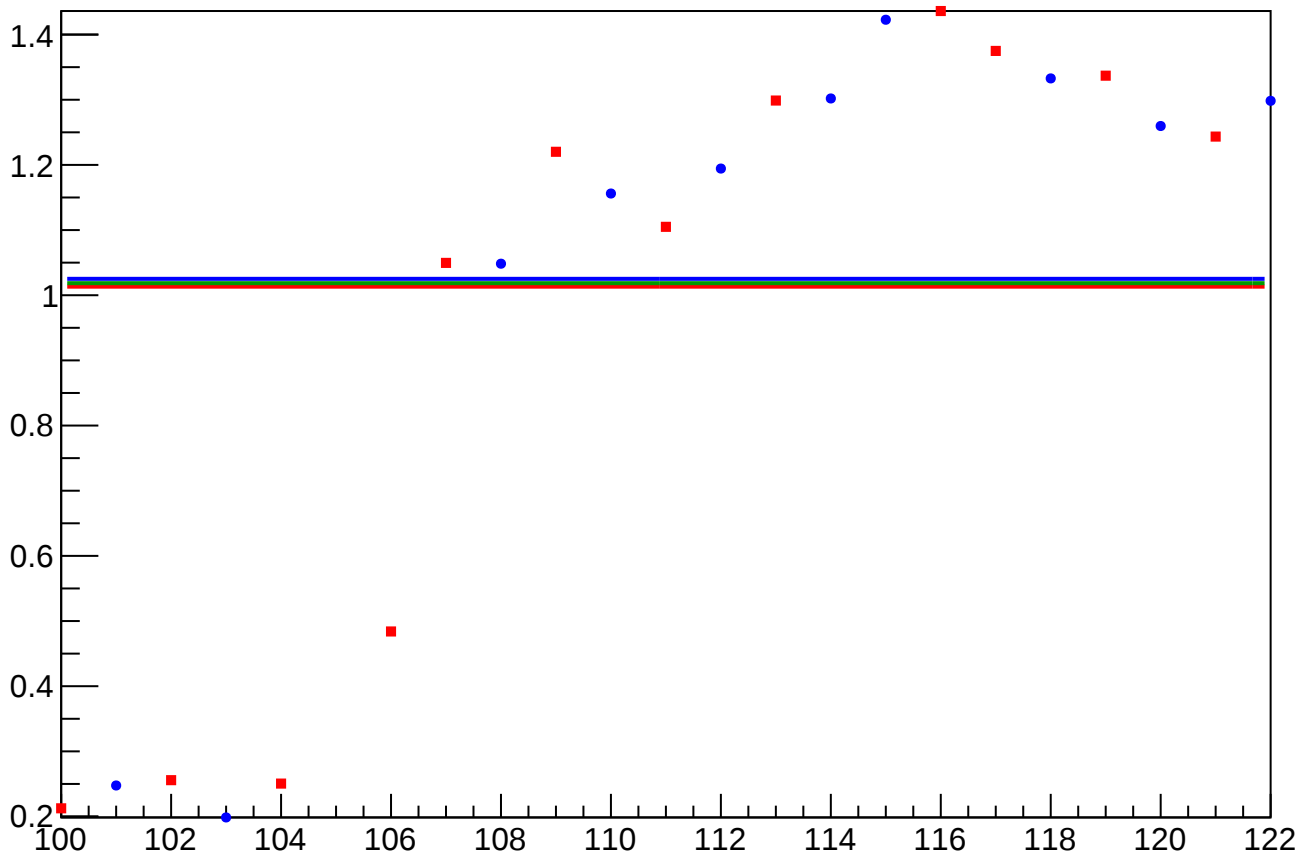
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 40195.2/9

0.002+/-0.000 χ^2/NDF : 109919.1/21

0.002+/-0.000 χ^2/NDF : 69693.8/11

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.025+/-0.000 χ^2/NDF : 12400072465.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.013+/-0.000 χ^2/NDF : 14380978757.5/11

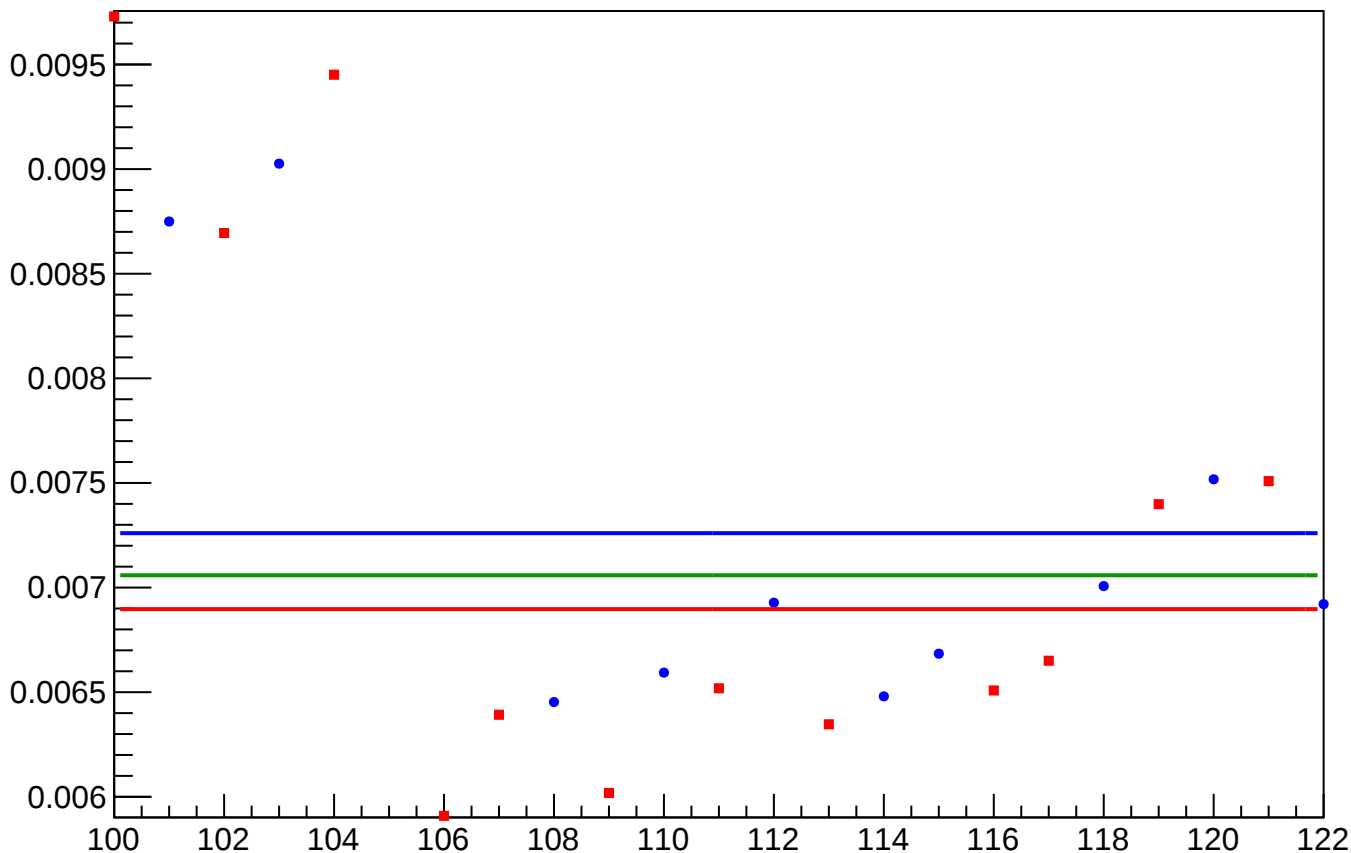
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.025+/-0.000 χ^2/NDF : 12400072465.4/9

1.019+/-0.000 χ^2/NDF : 26786797584.0/2

1.013+/-0.000 χ^2/NDF : 14380978757.5/11

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 107633.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 195038.0/11

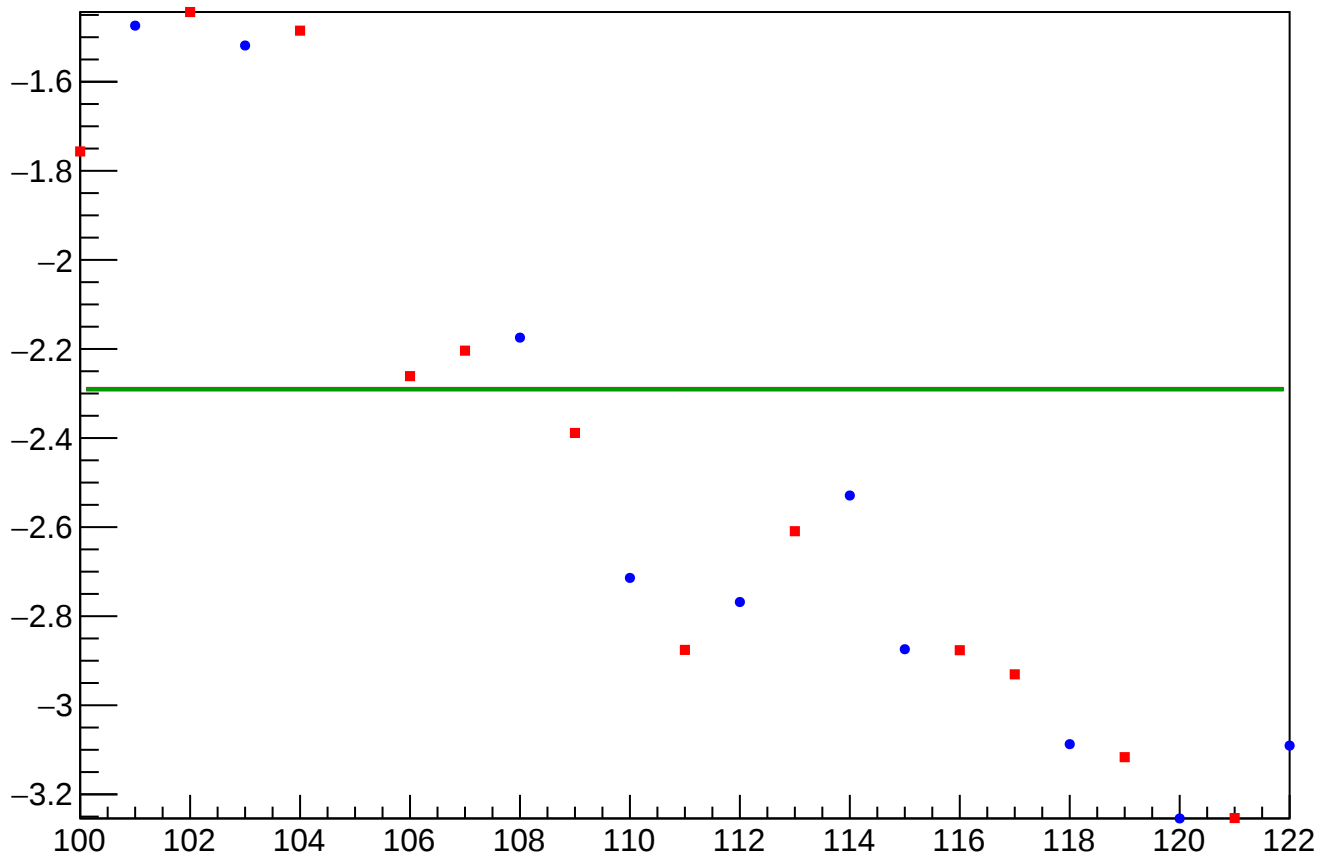
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 107633.4/9

0.007+/-0.000 χ^2/NDF : 313151.6/21

0.007+/-0.000 χ^2/NDF : 195038.0/11

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.291+/-0.000 χ^2/NDF : 44343852023.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.290+/-0.000 χ^2/NDF : 40594231613.2/11

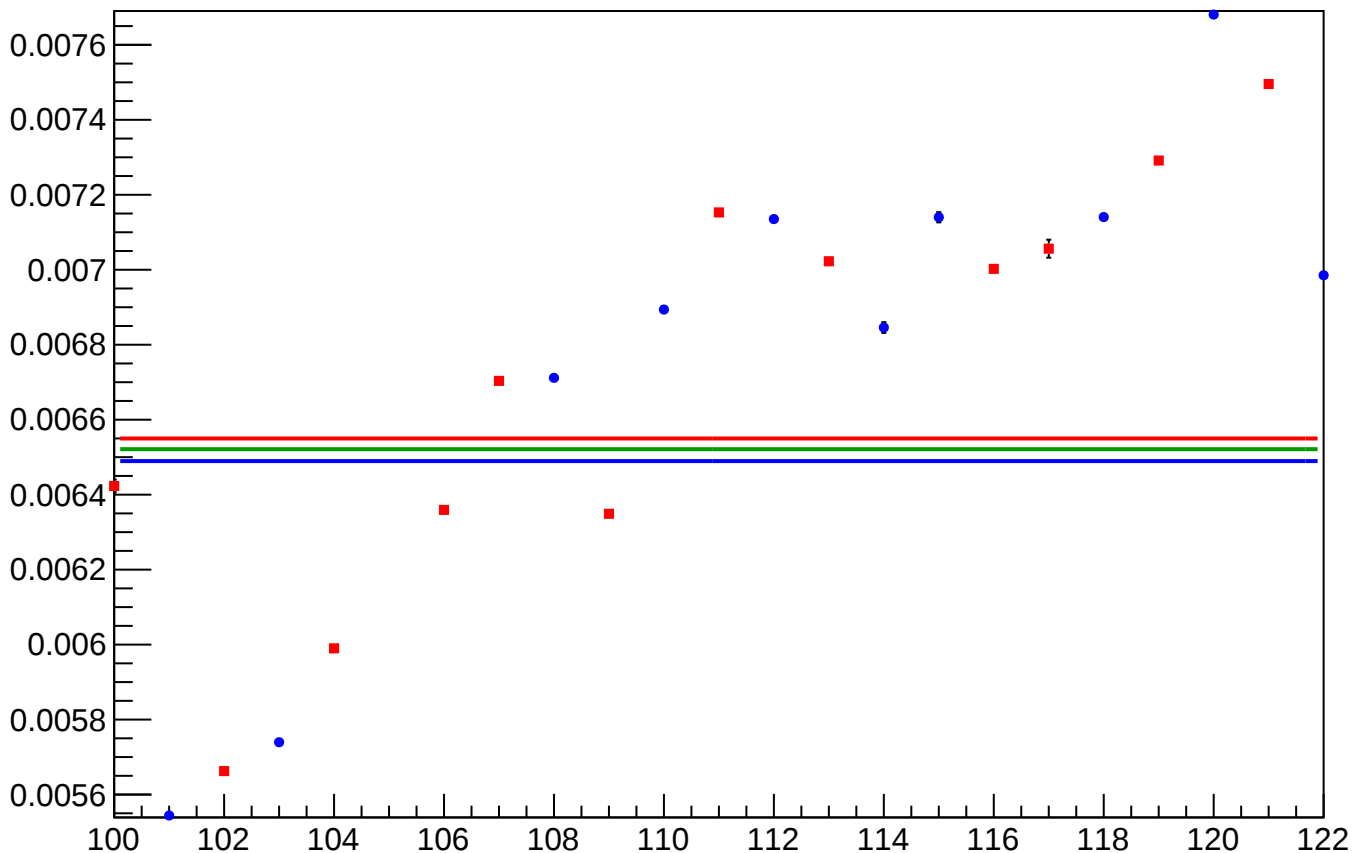
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.291+/-0.000 χ^2/NDF : 44343852023.1/9

-2.290+/-0.000 χ^2/NDF : 84938125179.6/11

-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 : 95722.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 72926.9/11

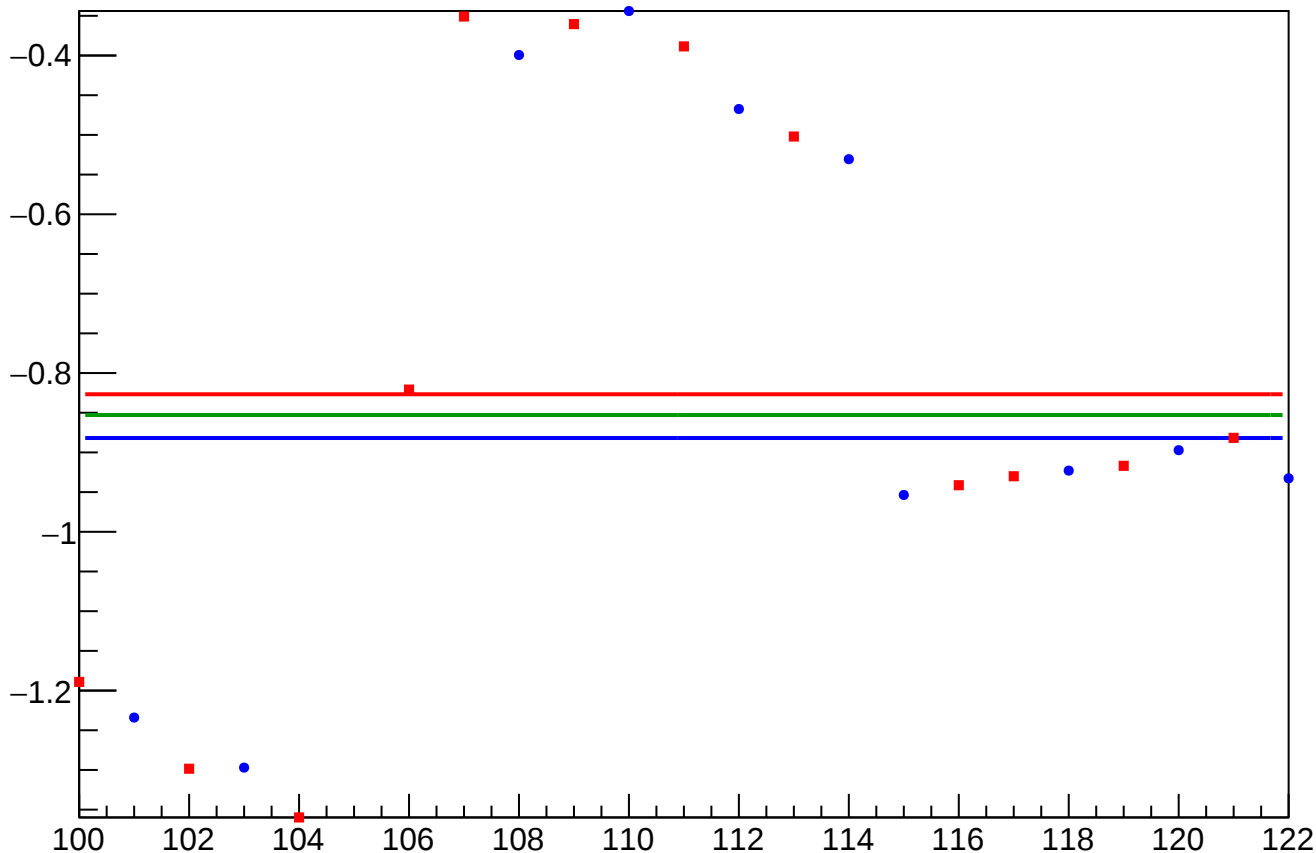
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 95722.7/9

0.007+/-0.000 χ^2/NDF : 168995.1/21

0.007+/-0.000 χ^2/NDF : 72926.9/11

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.882+/-0.000 χ^2/NDF : 3849964052.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.827+/-0.000 χ^2/NDF : 5487294914.2/11

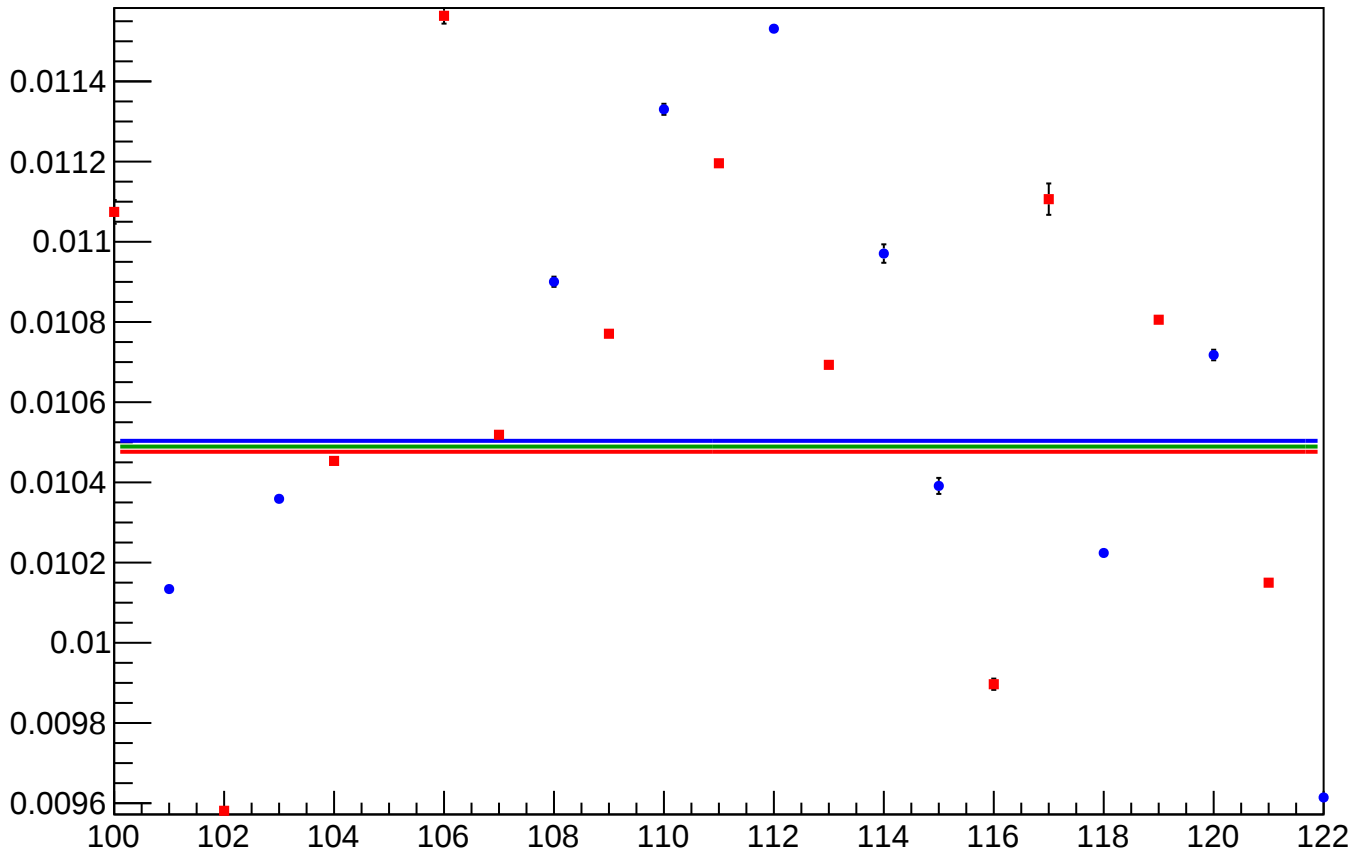
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.882+/-0.000 χ^2/NDF : 3849964052.5/9

-0.853+/-0.000 χ^2/NDF : 9392090361.1/21

-0.827+/-0.000 χ^2/NDF : 5487294914.2/11

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 22100.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 21402.2/11

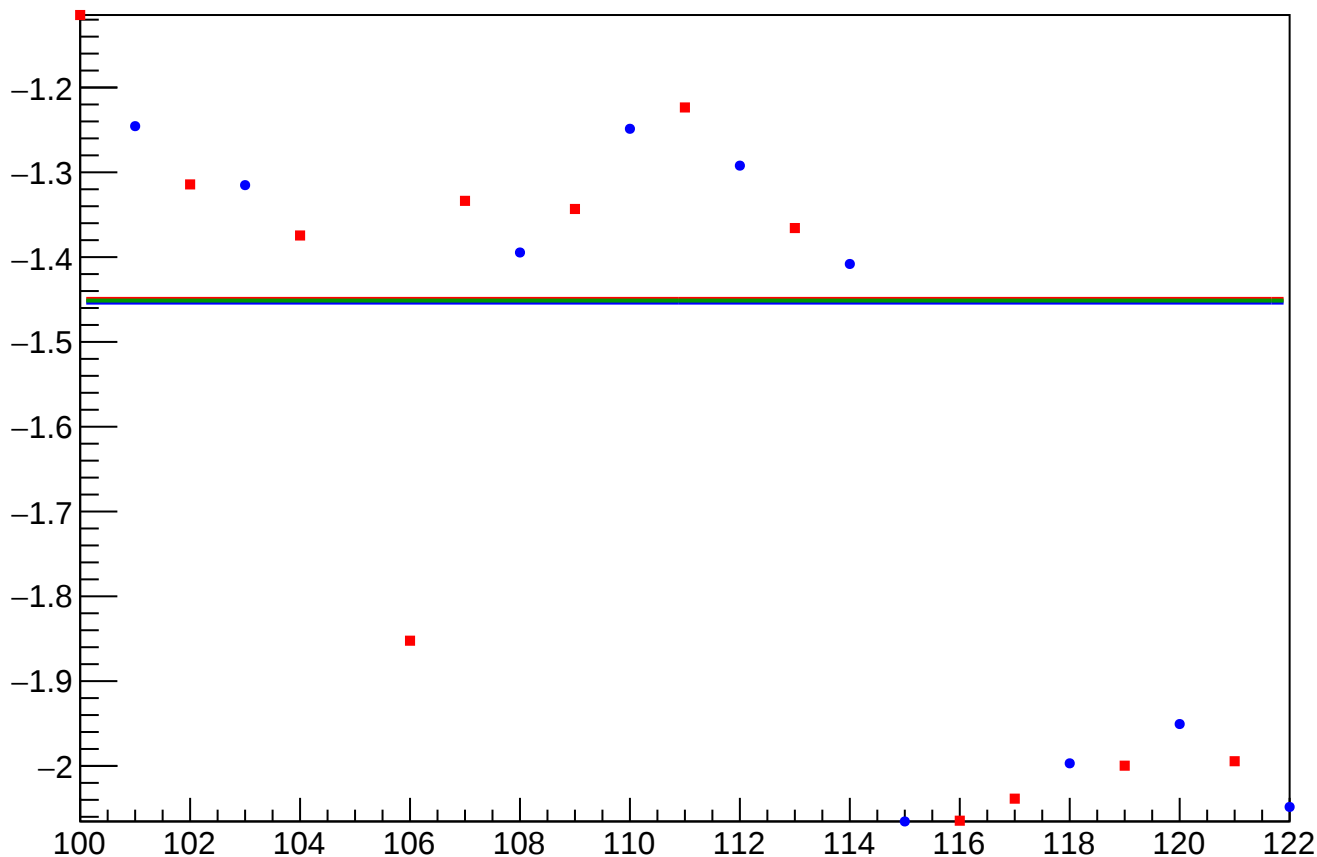
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 22100.9/9

0.010+/-0.000 χ^2/NDF : 43529.9/21

0.010+/-0.000 χ^2/NDF : 21402.2/11

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.454+/-0.000 χ^2/NDF : 55782205358.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.449+/-0.000 χ^2/NDF : 50453724857.1/11

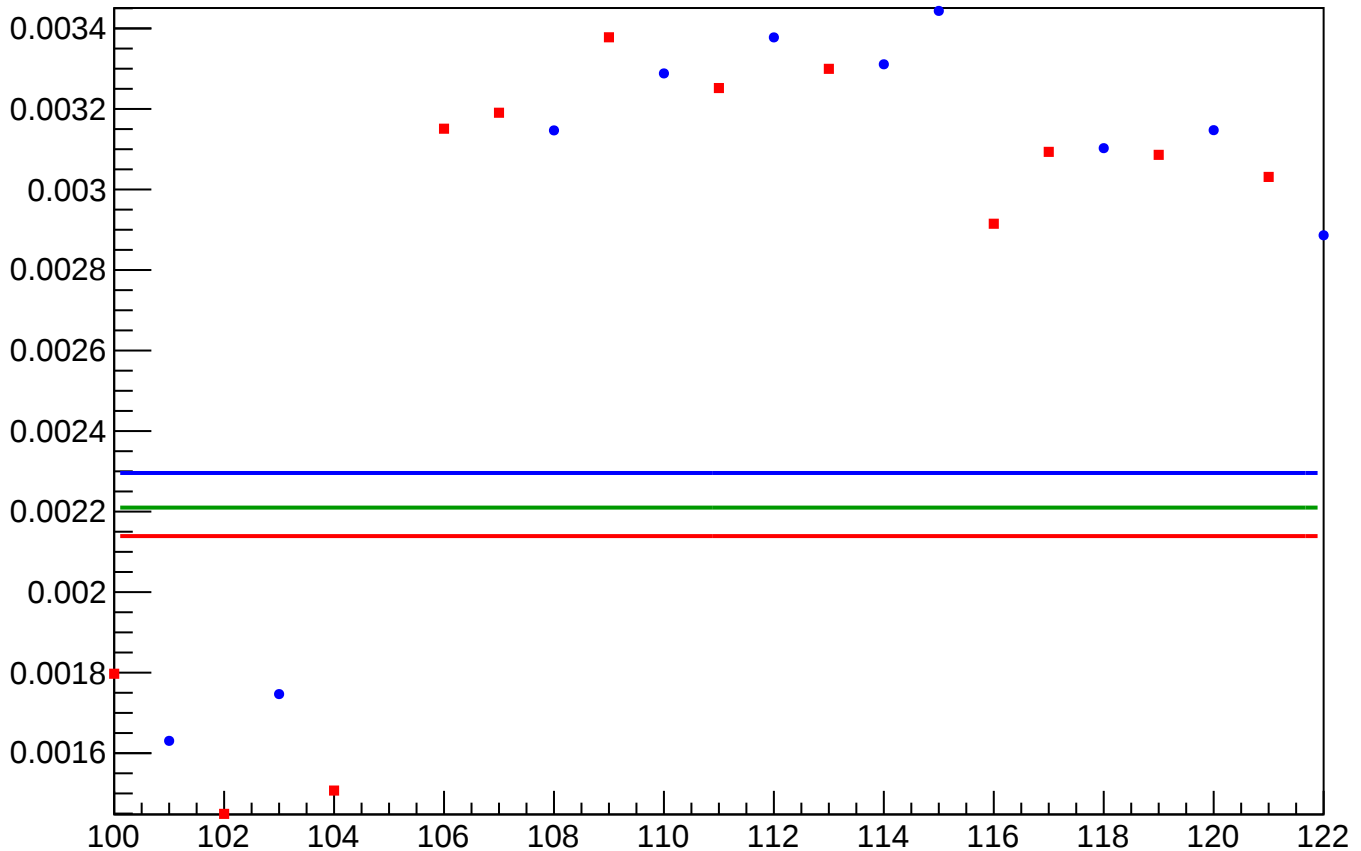
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-1.454+/-0.000 χ^2/NDF : 55782205358.6/9

-1.451+/-0.000 χ^2/NDF : 106242209493.7

-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 : 646524.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 990106.2/11

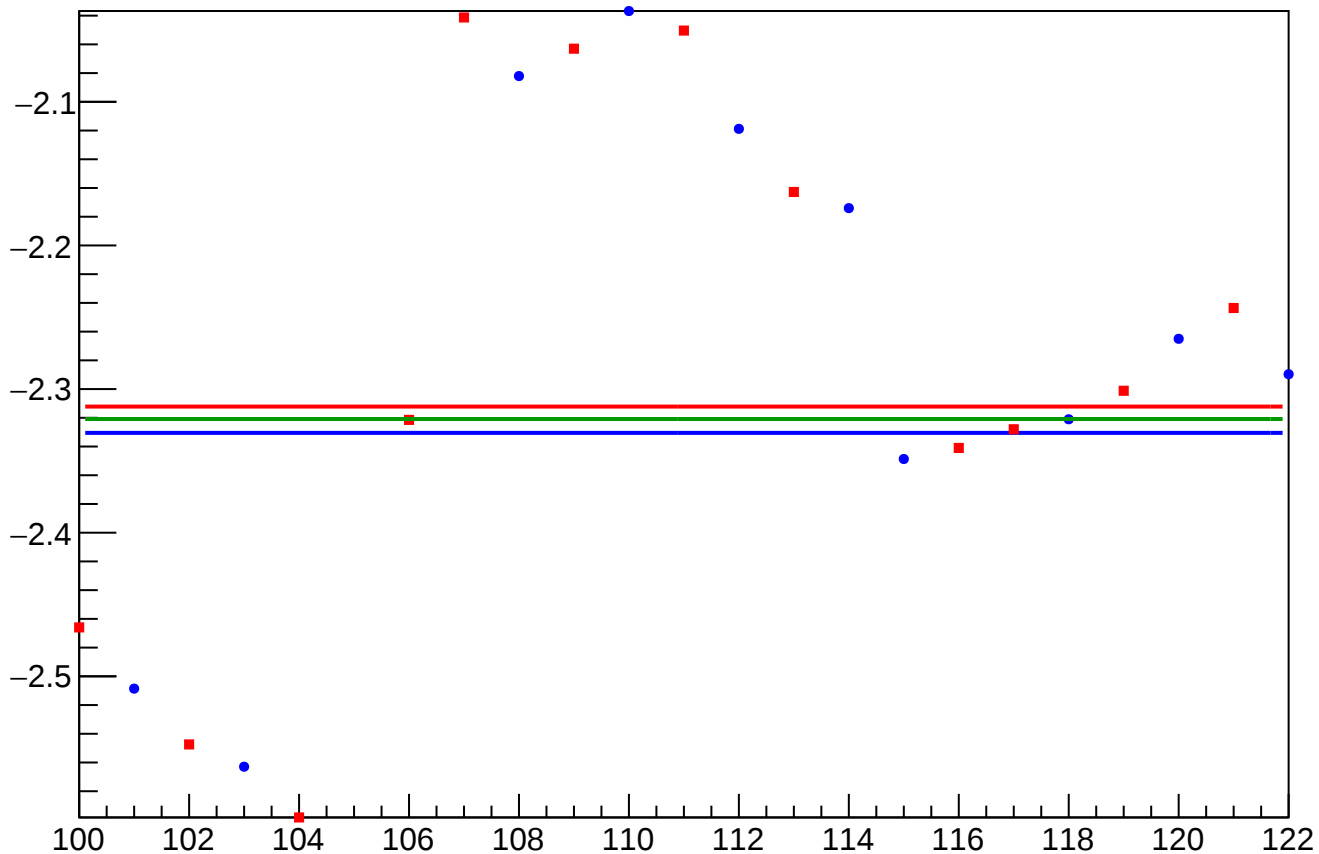
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 646524.3/9

0.002+/-0.000 χ^2/NDF : 1652720.4/21

0.002+/-0.000 χ^2/NDF : 990106.2/11

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330 ± 0.000 $\chi^2/\text{NDF}: 2995760196.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.312 ± 0.000 $\chi^2/\text{NDF}: 4392846304.9/11$

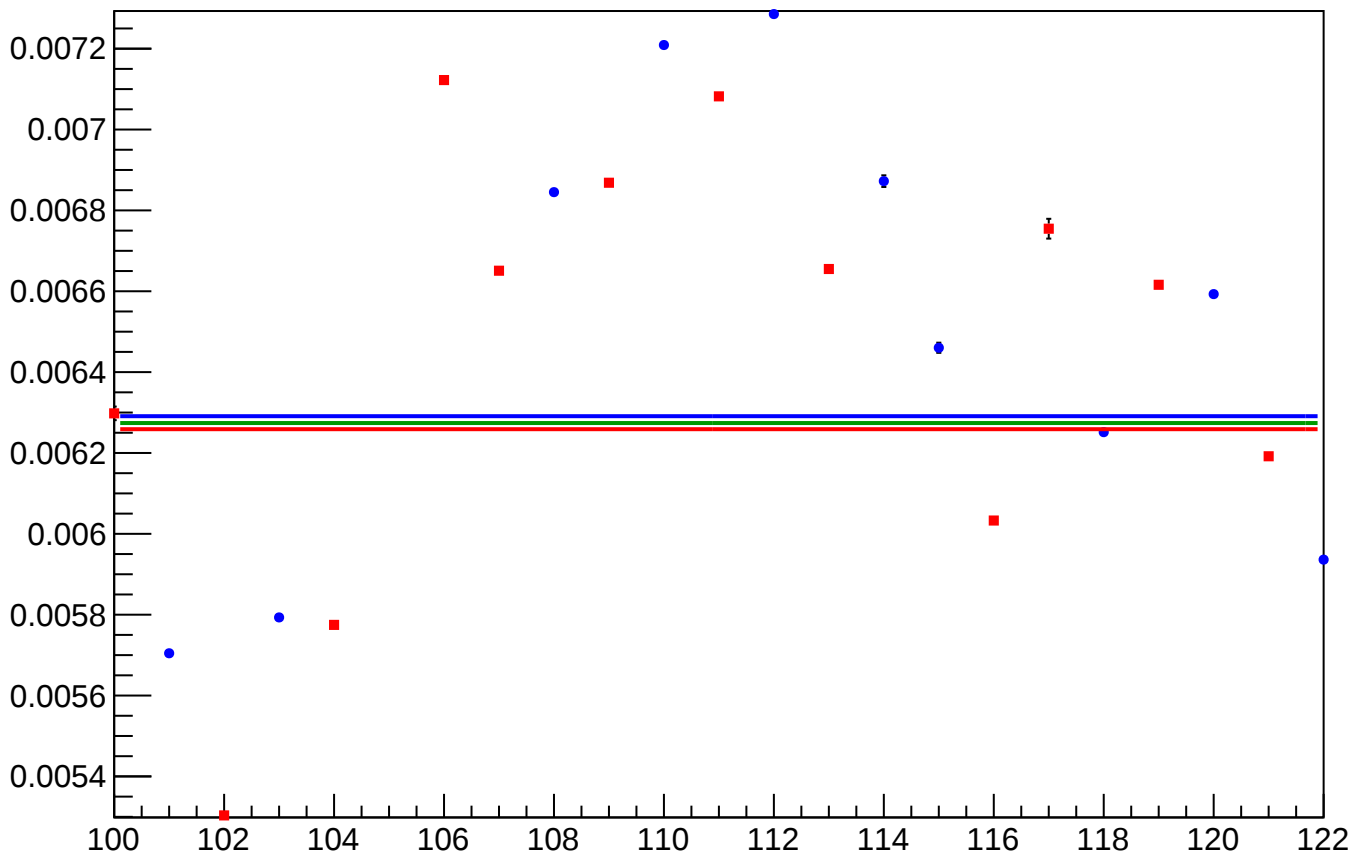
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.330 ± 0.000 $\chi^2/\text{NDF}: 2995760196.3/9$

-2.321 ± 0.000 $\chi^2/\text{NDF}: 7405209127.7/2$

-2.312 ± 0.000 $\chi^2/\text{NDF}: 4392846304.9/11$

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59342.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 76104.9/11

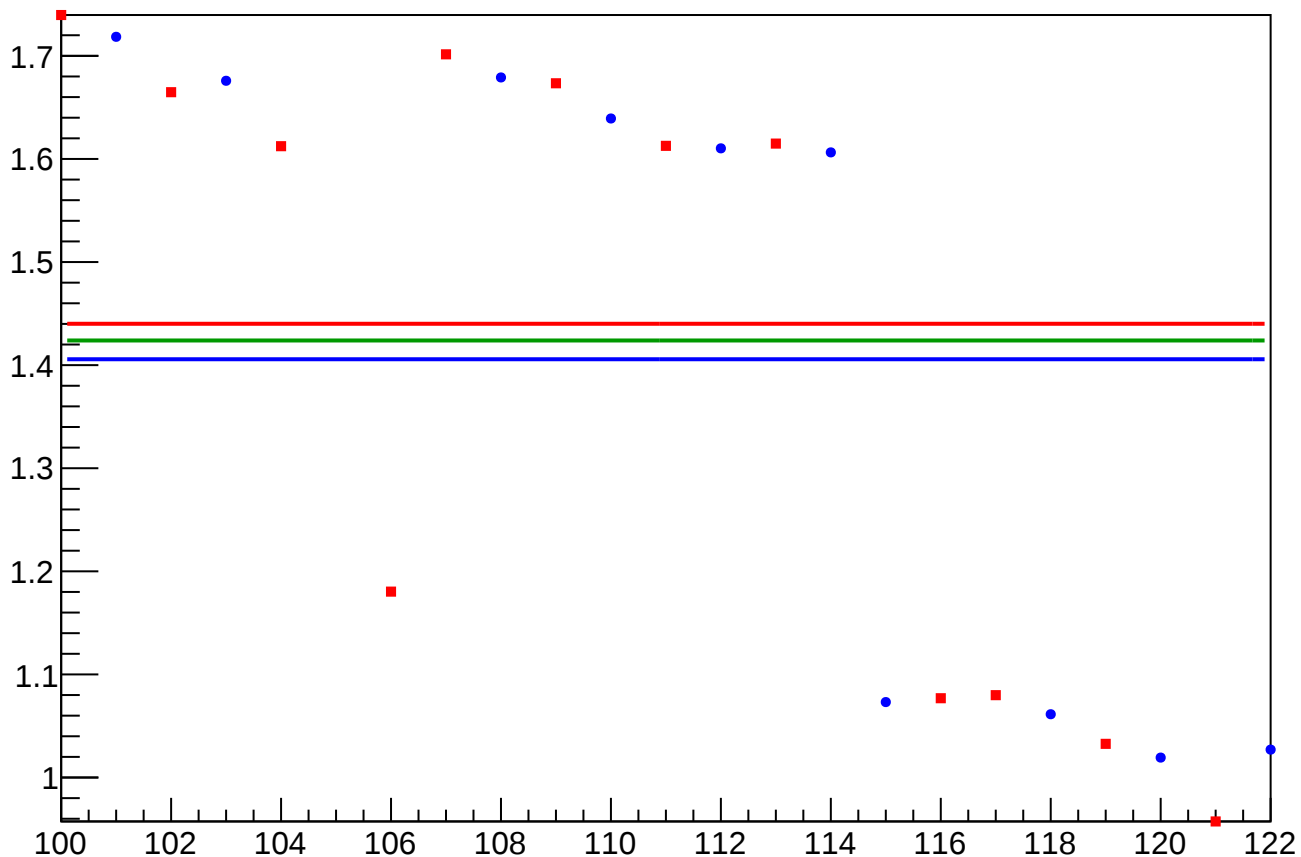
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 59342.0/9

0.006+/-0.000 χ^2/NDF : 135549.3/21

0.006+/-0.000 χ^2/NDF : 76104.9/11

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.406+/-0.000 χ^2/NDF : 78854439743.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.440+/-0.000 χ^2/NDF : 80196929276.1/11

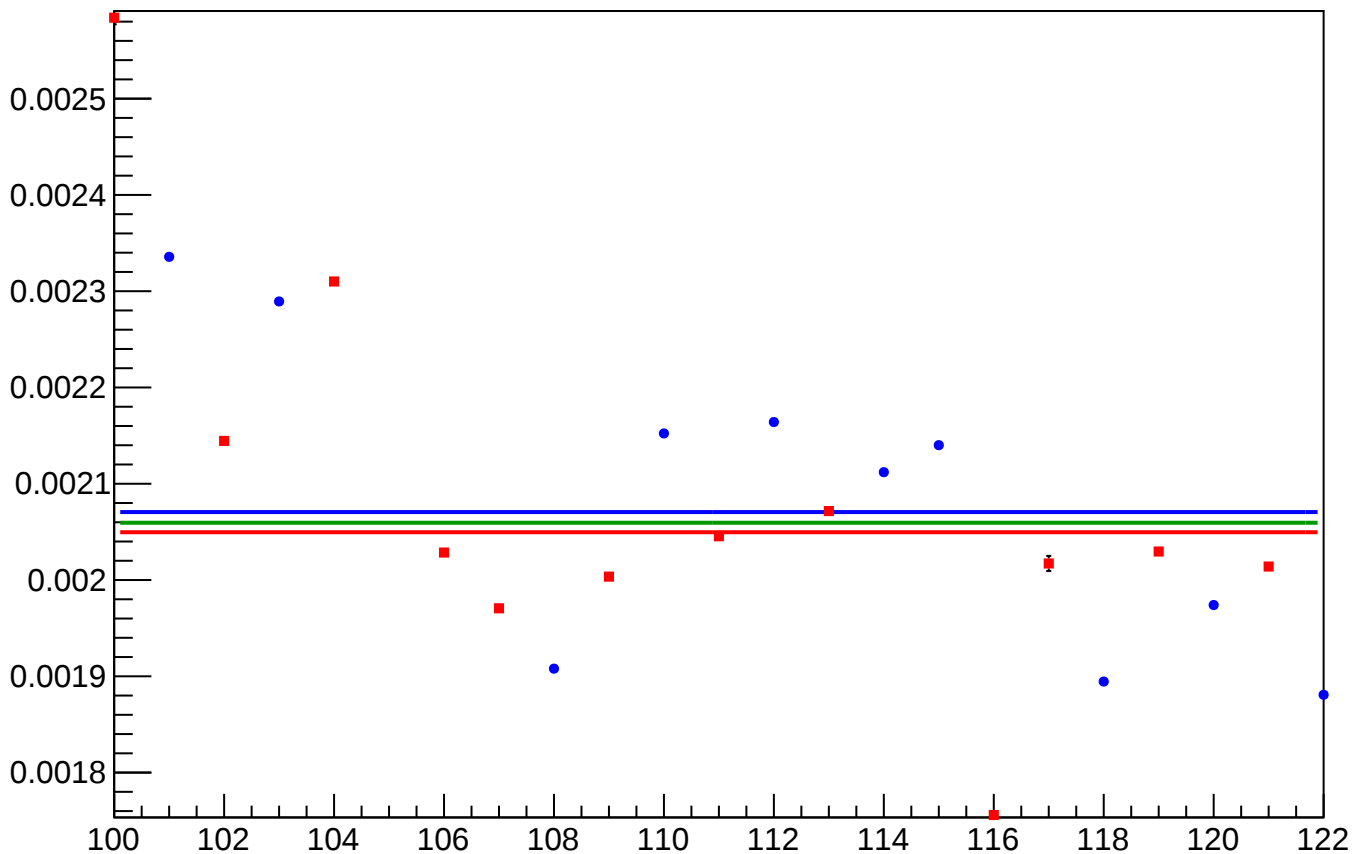
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.406+/-0.000 χ^2/NDF : 78854439743.1/9

1.424+/-0.000 χ^2/NDF : 159571451300.4/11

1.440+/-0.000 χ^2/NDF : 80196929276.1/11

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49271.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 35767.9/11

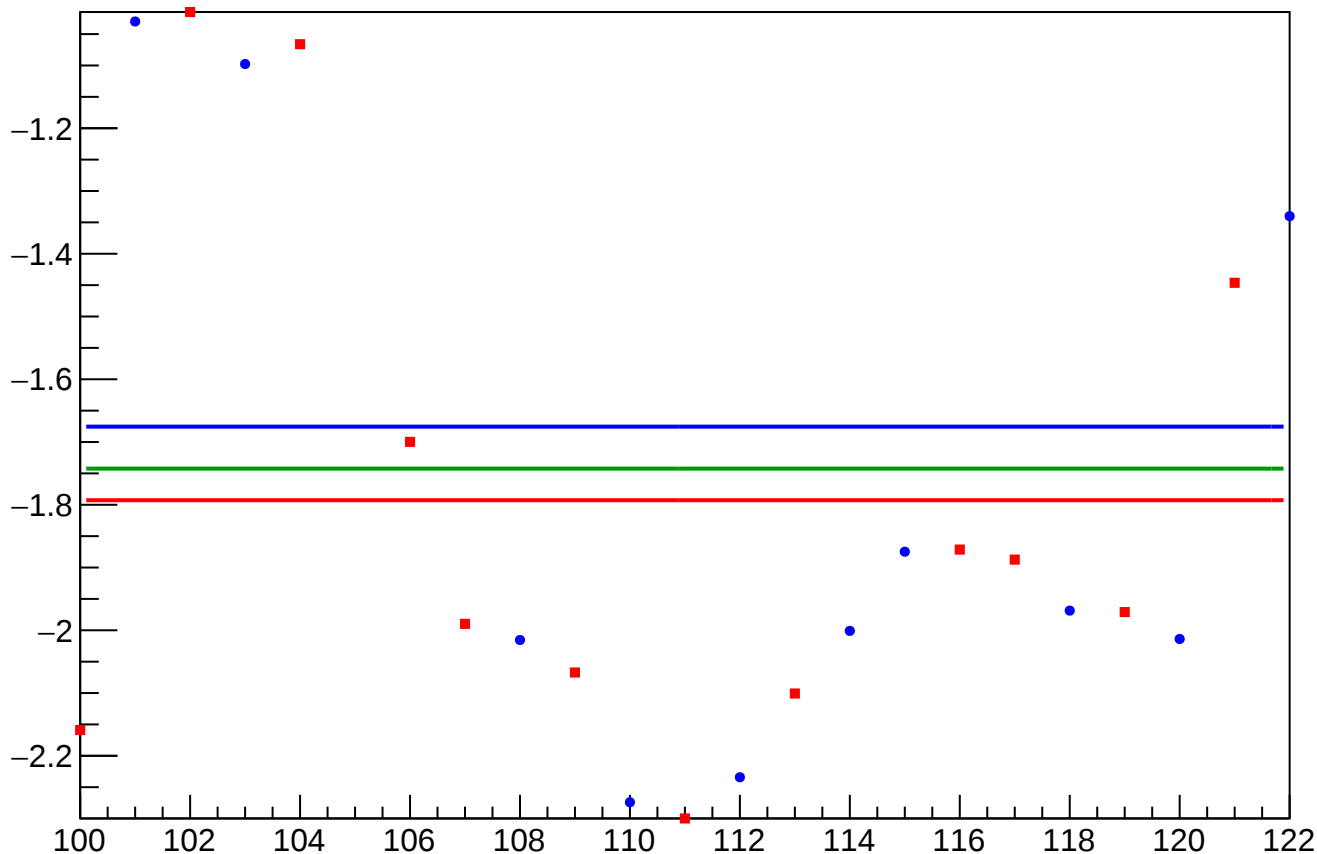
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 49271.5/9

0.002+/-0.000 χ^2/NDF : 85425.0/21

0.002+/-0.000 χ^2/NDF : 35767.9/11

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.675+/-0.000 χ^2/NDF : 16921849859.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.793+/-0.000 χ^2/NDF : 18422574520.2/11

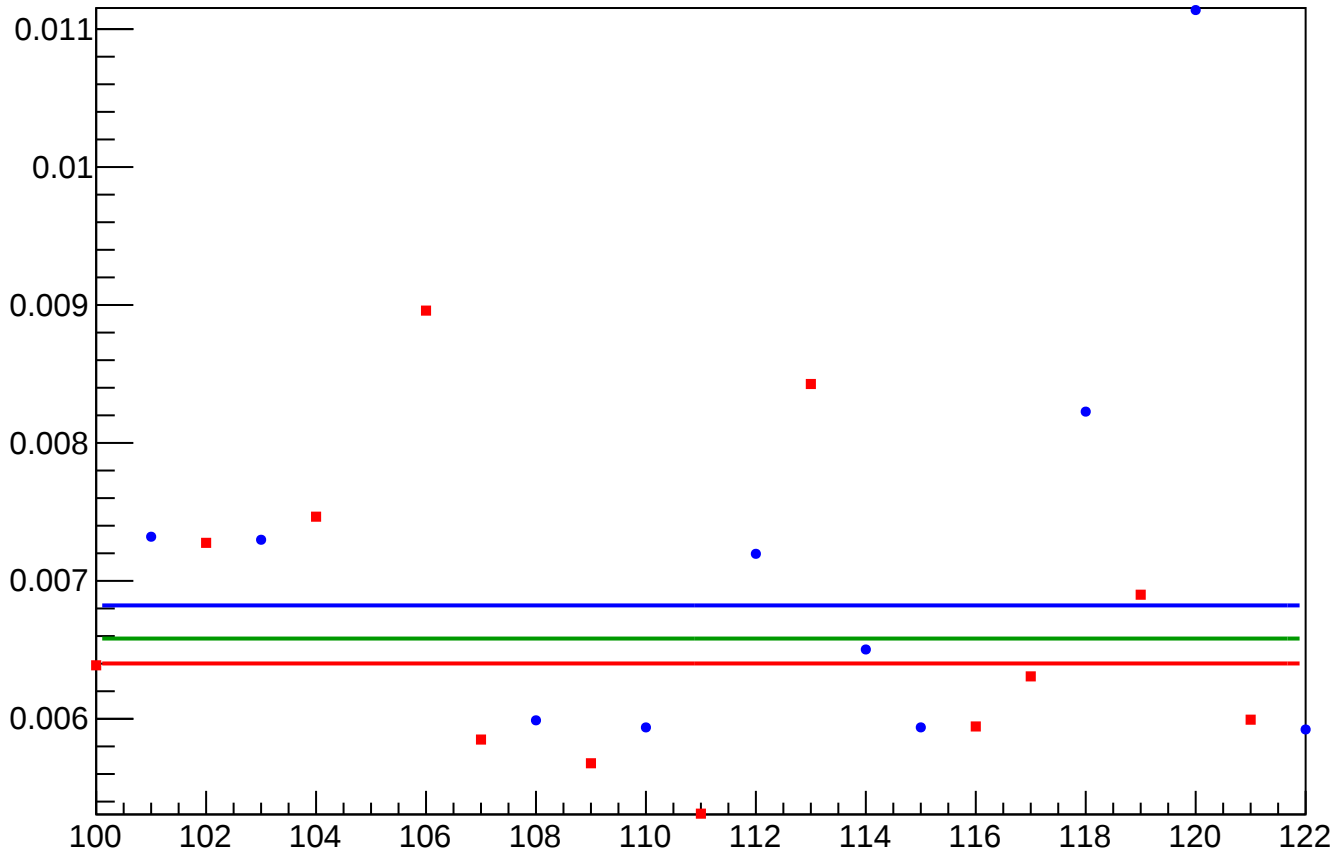
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-1.675+/-0.000 χ^2/NDF : 16921849859.8/9

-1.742+/-0.000 χ^2/NDF : 35910617530.3/9

-1.793+/-0.000 χ^2/NDF : 18422574520.2/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 169425.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 181103.1/11

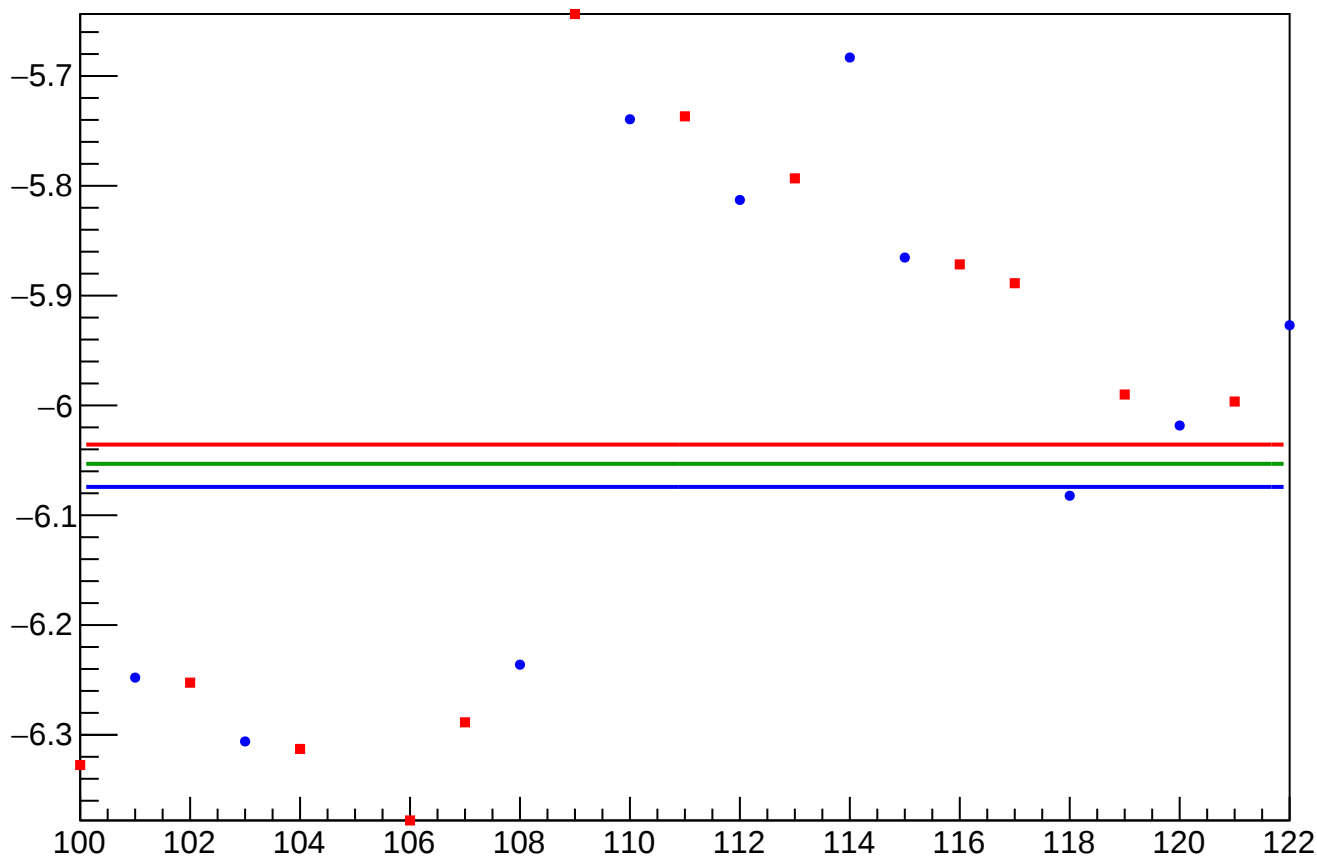
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.007 $\pm$ 0.000 χ^2/NDF : 169425.5/9

0.007 $\pm$ 0.000 χ^2/NDF : 365112.3/21

0.006 $\pm$ 0.000 χ^2/NDF : 181103.1/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.074+/-0.000 χ^2/NDF : 4716027523.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.036+/-0.000 χ^2/NDF : 8161274354.4/11

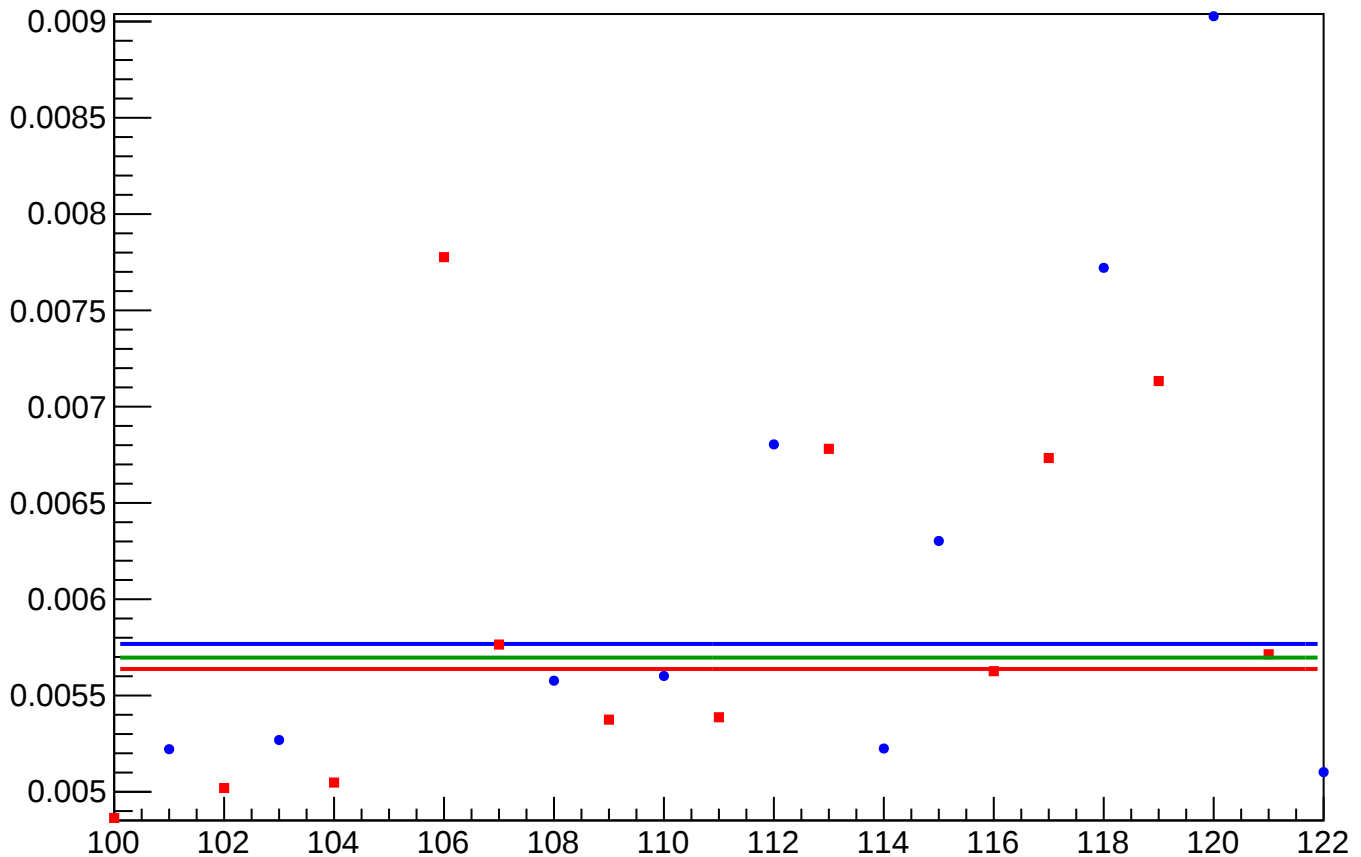
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.074+/-0.000 χ^2/NDF : 4716027523.3/9

-6.053+/-0.000 χ^2/NDF : 12959774195.4/11

-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 : 190380.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 134518.6/11

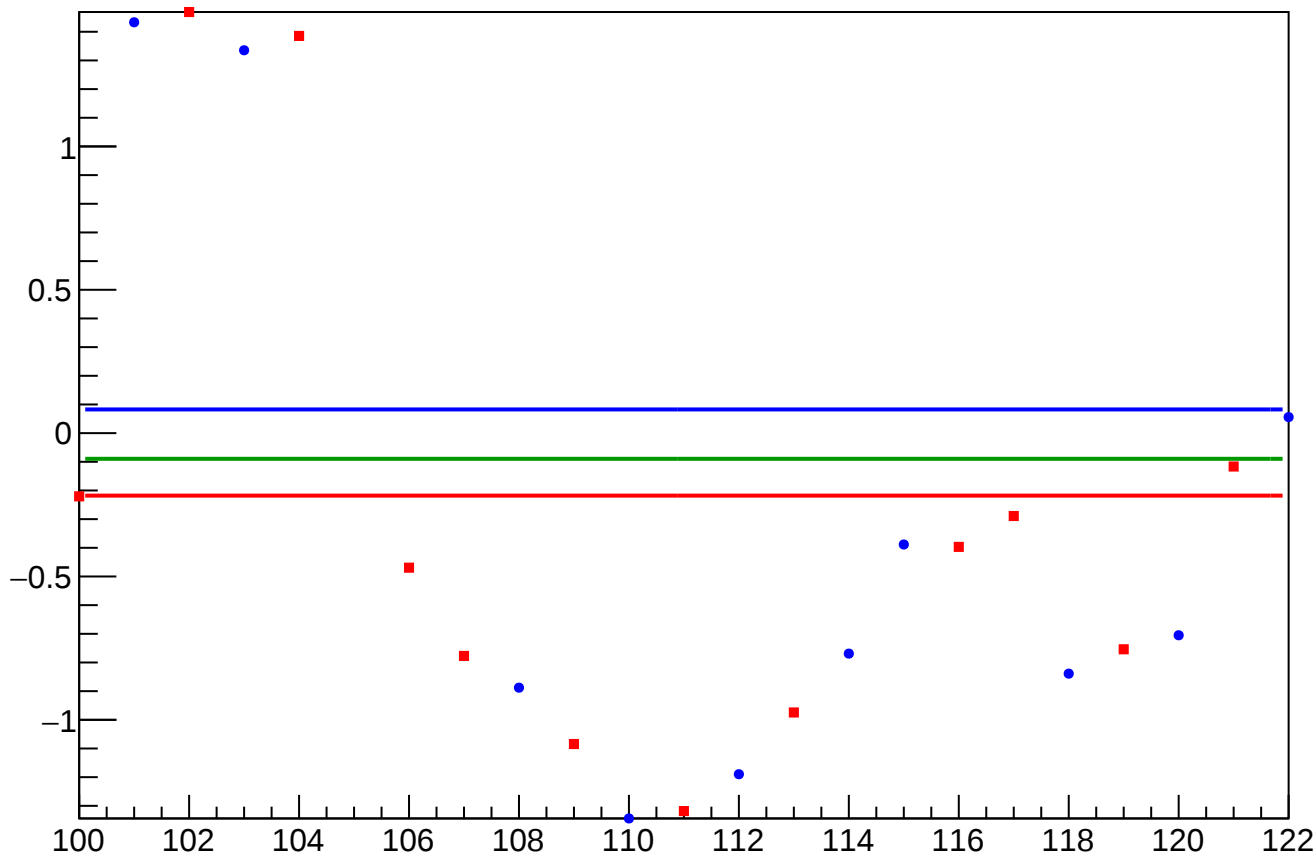
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 190380.7/9

0.006+/-0.000 χ^2/NDF : 326779.1/21

0.006+/-0.000 χ^2/NDF : 134518.6/11

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.083 ± 0.000 $\chi^2/\text{NDF}: 16314010952.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.218 ± 0.000 $\chi^2/\text{NDF}: 19595840291.4/11$

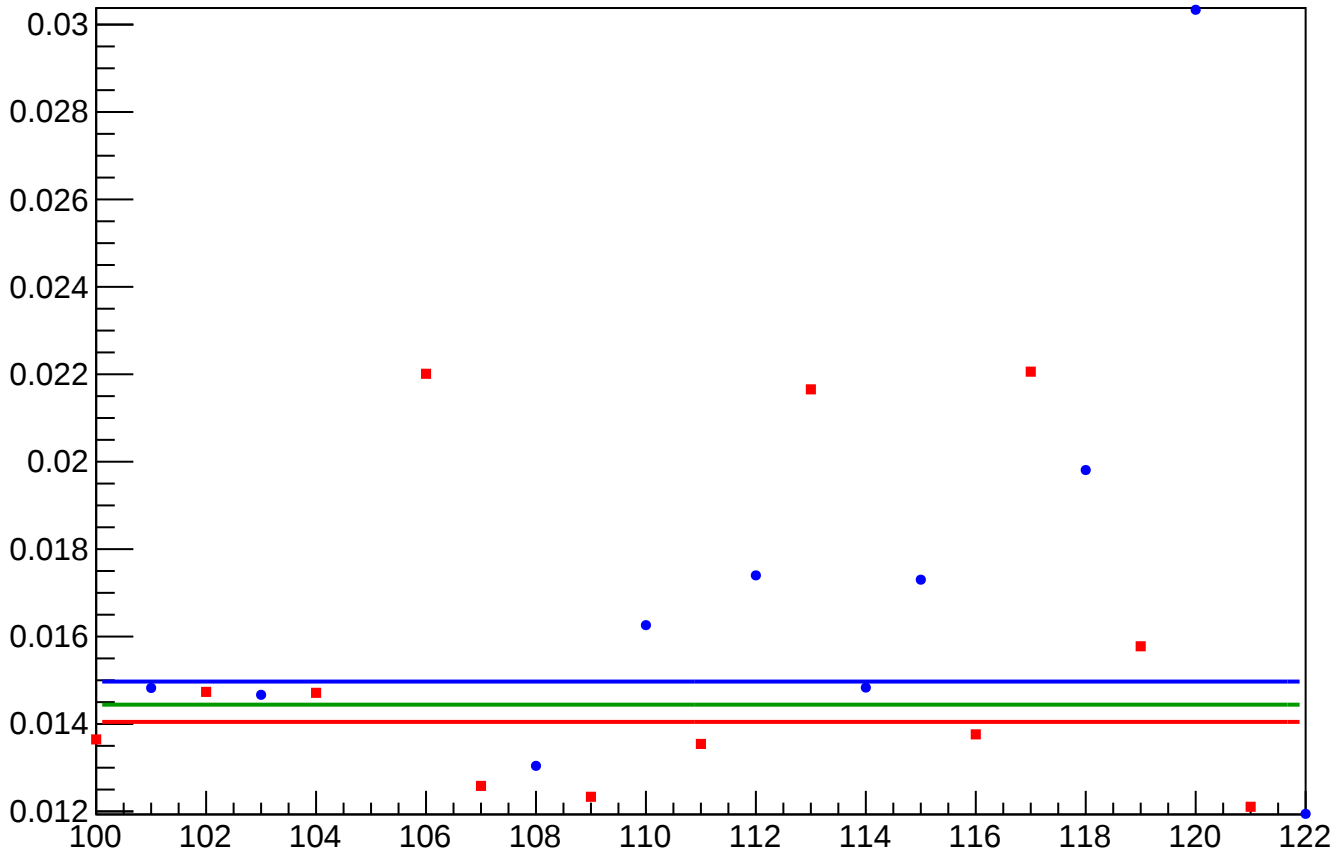
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.083 ± 0.000 $\chi^2/\text{NDF}: 16314010952.0/9$

-0.090 ± 0.000 $\chi^2/\text{NDF}: 36647595487.4/11$

-0.218 ± 0.000 $\chi^2/\text{NDF}: 19595840291.4/11$

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 267196.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 203025.3/11

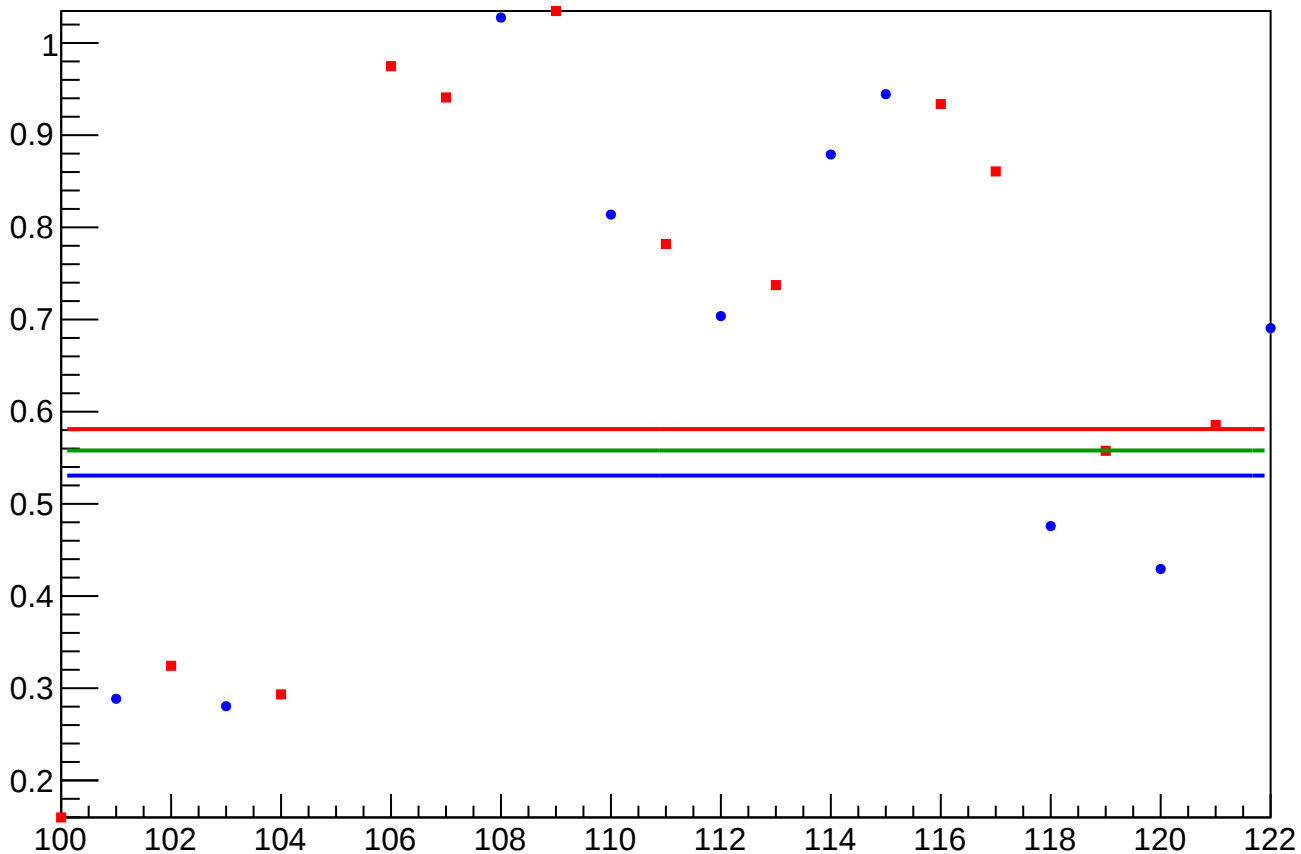
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 267196.3/9

0.014+/-0.000 χ^2/NDF : 484128.9/21

0.014+/-0.000 χ^2/NDF : 203025.3/11

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.531+/-0.000 χ^2/NDF : 3700585409.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.581+/-0.000 χ^2/NDF : 4836337939.4/11

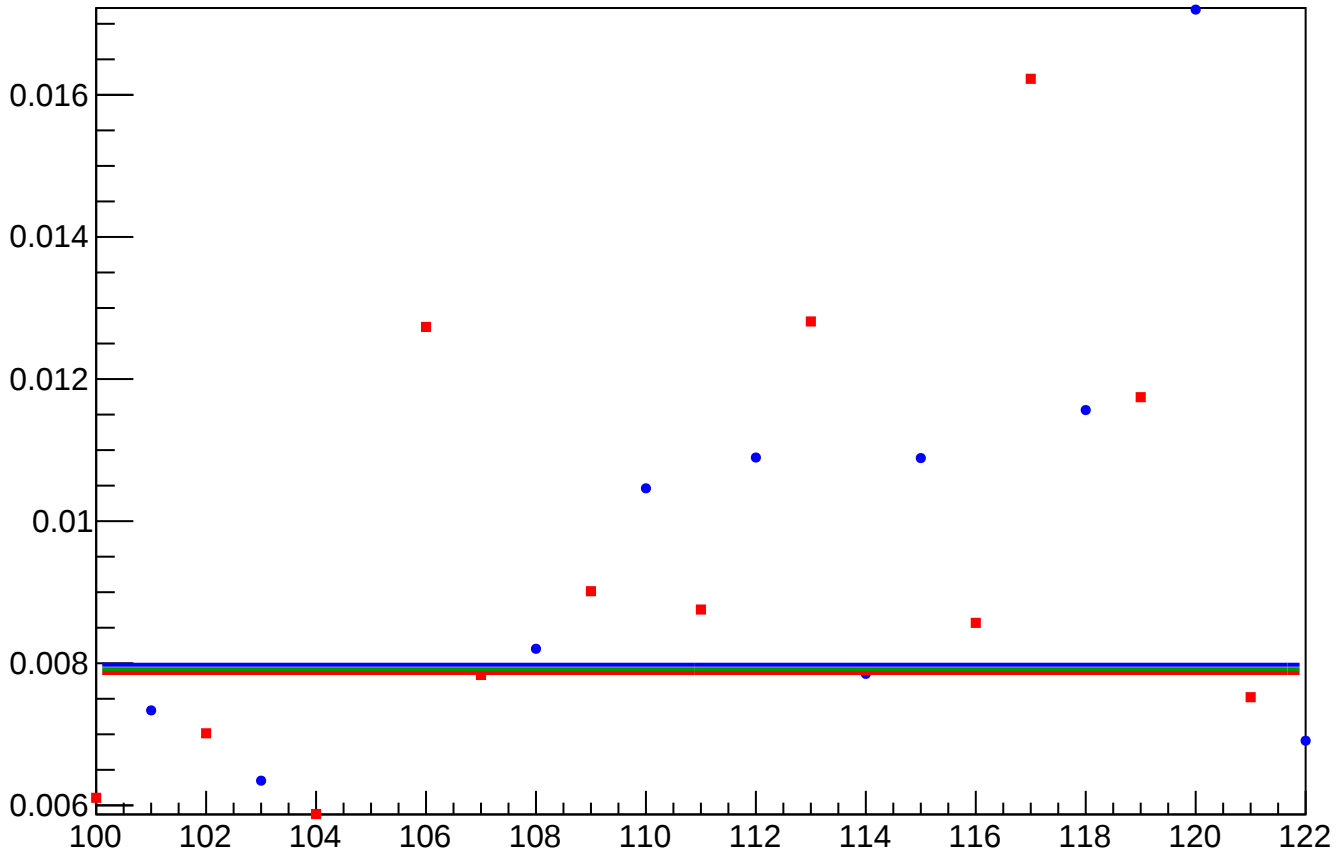
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.531+/-0.000 χ^2/NDF : 3700585409.8/9

0.558+/-0.000 χ^2/NDF : 8604700345.7/21

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 : 436863.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 421111.0/11

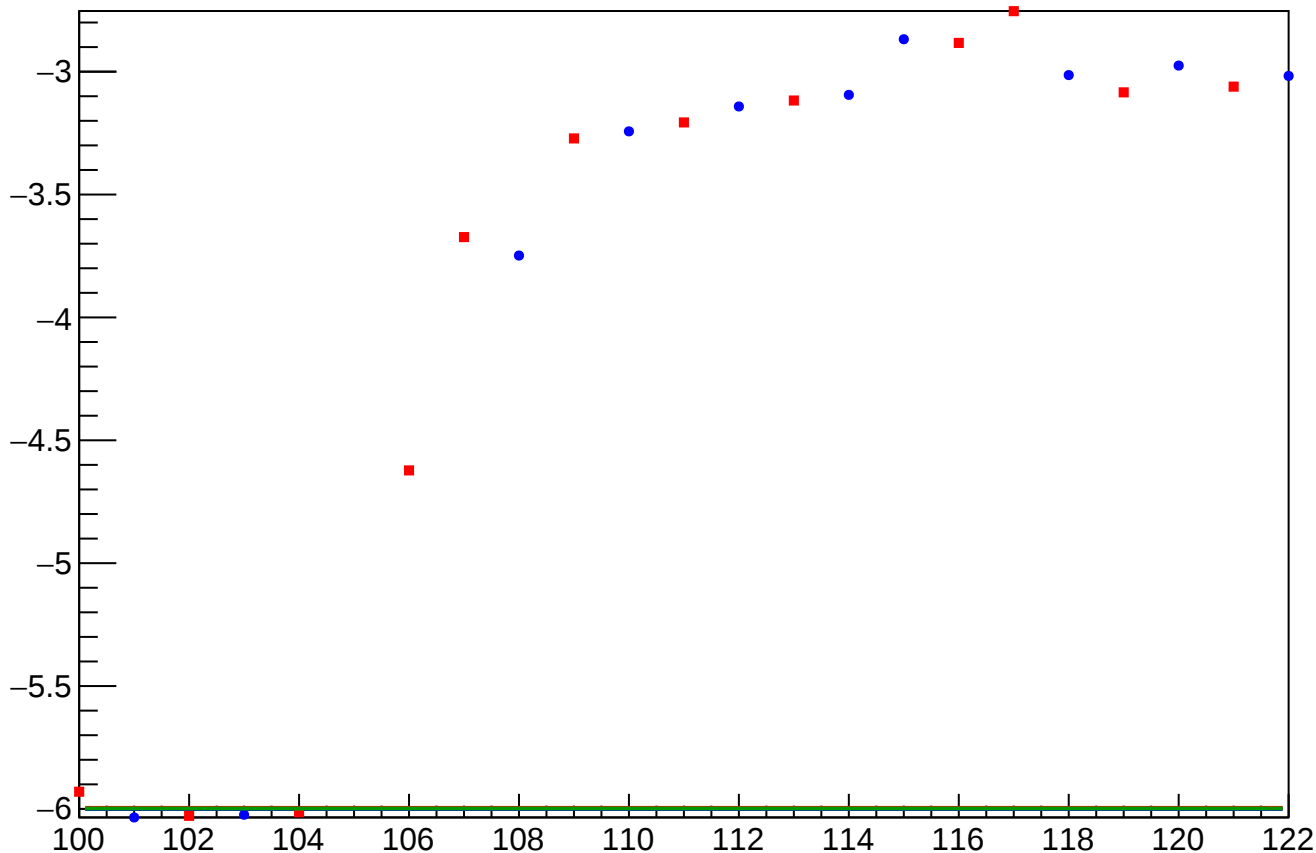
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 436863.5/9

0.008+/-0.000 χ^2/NDF : 858696.8/21

0.008+/-0.000 χ^2/NDF : 421111.0/11

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.000+/-0.000 χ^2/NDF : 3425627834.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.000+/-0.000 χ^2/NDF : 3425627834.8/9

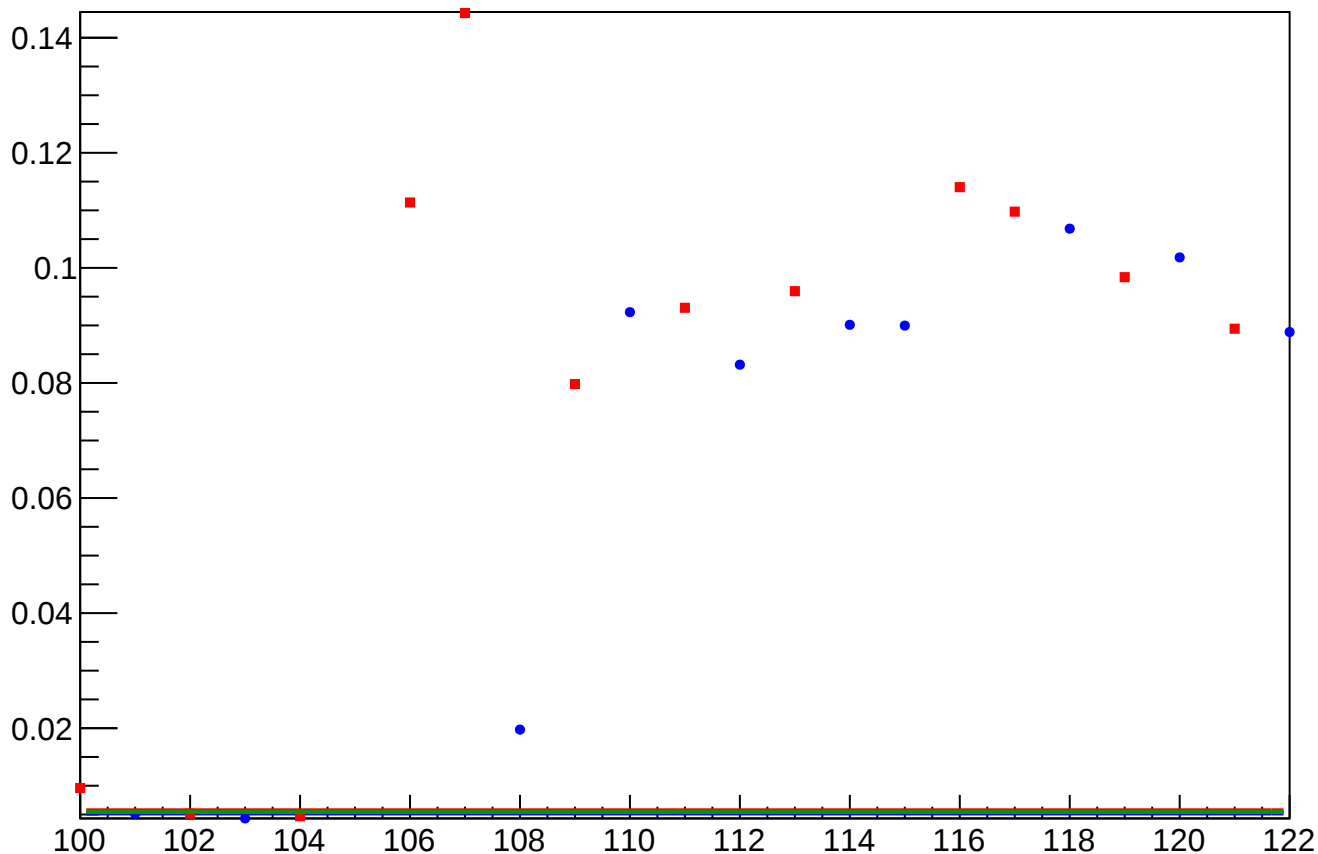
-5.998+/-0.000 χ^2/NDF : 5871645811.1/23

Right Out: -5.996+/-0.000 χ^2/NDF : 2445622190.2/11

-5.996+/-0.000 χ^2/NDF : 2445622190.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3827355.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5382725.2/11

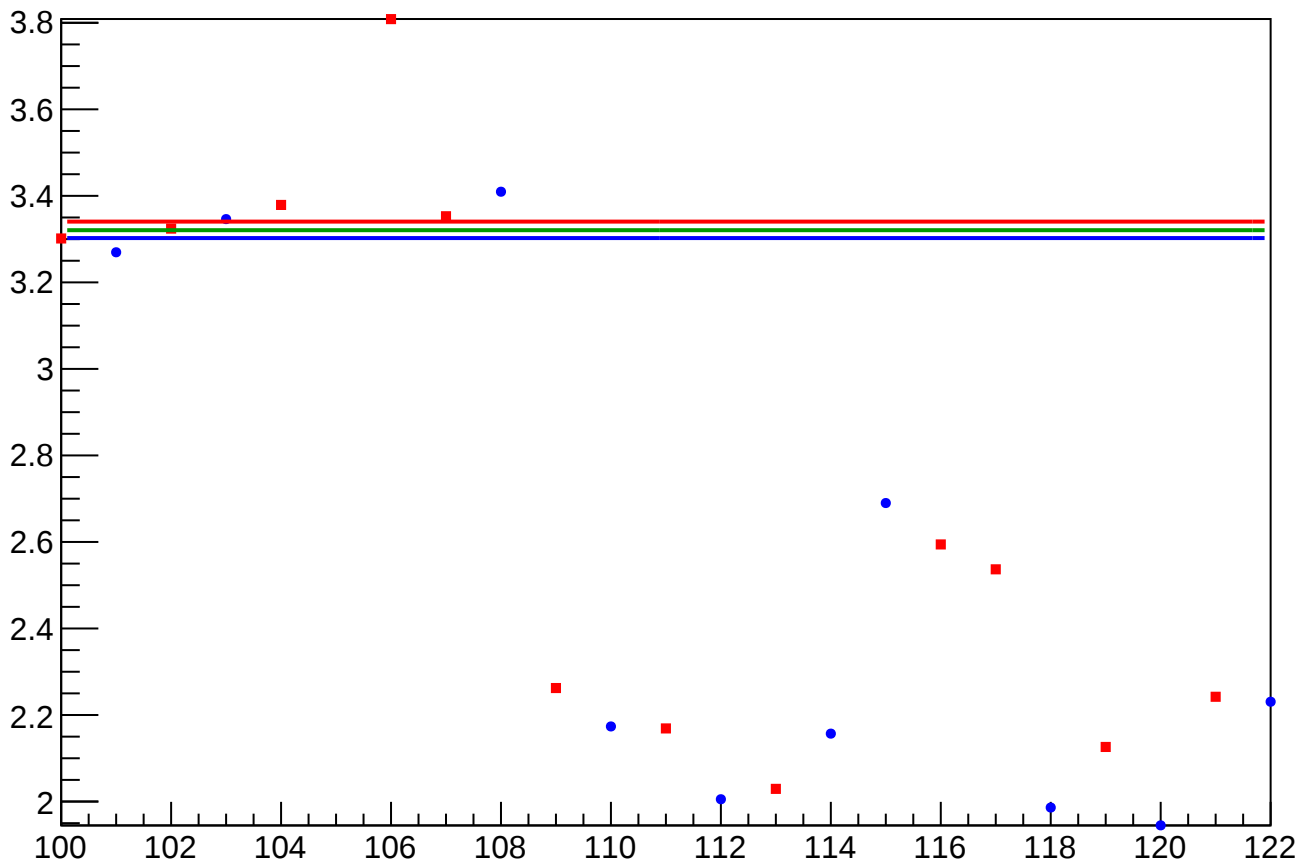
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 3827355.9/9

0.005+/-0.000 χ^2/NDF : 9222664.5/21

0.006+/-0.000 χ^2/NDF : 5382725.2/11

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.302 $\pm$ 0.000 χ^2 /NDF: 353358549.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.340 $\pm$ 0.000 χ^2 /NDF: 375716832.5/11

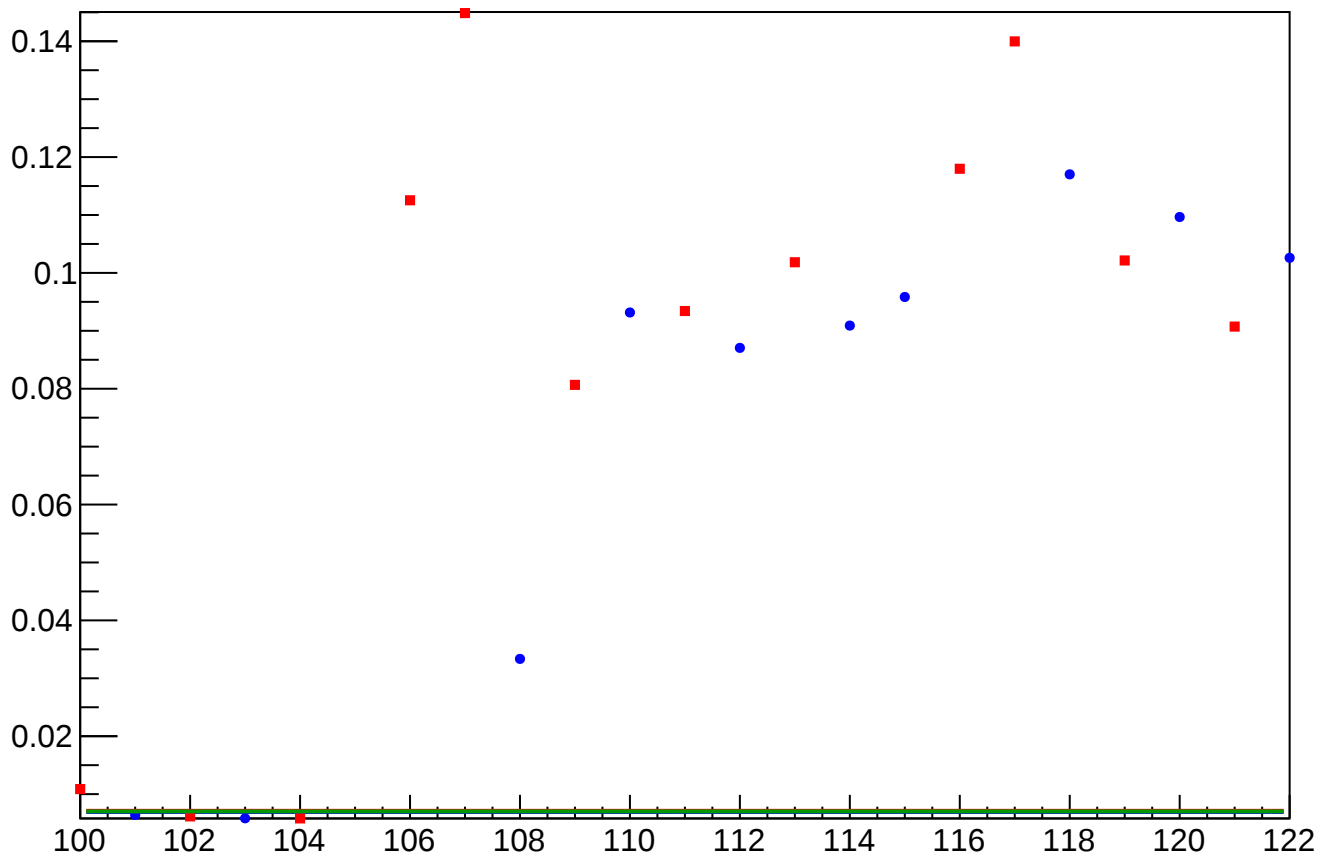
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3.302 $\pm$ 0.000 χ^2 /NDF: 353358549.9/9

3.321 $\pm$ 0.000 χ^2 /NDF: 748587380.4/21

3.340 $\pm$ 0.000 χ^2 /NDF: 375716832.5/11

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3873810.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5248139.7/11

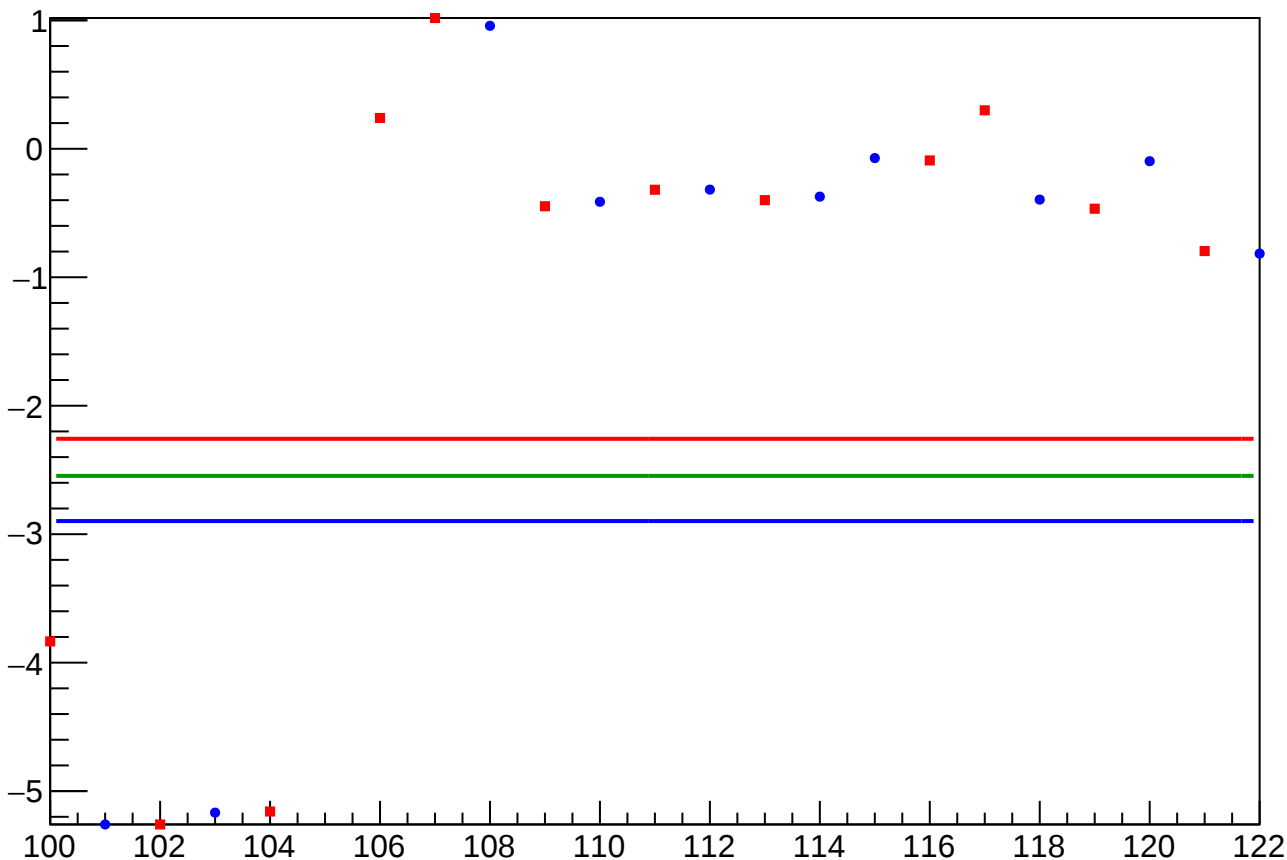
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 3873810.9/9

0.007+/-0.000 χ^2/NDF : 9122918.5/21

0.007+/-0.000 χ^2/NDF : 5248139.7/11

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.898+/-0.000 χ^2 /NDF: 95239901217.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.898+/-0.000 χ^2 /NDF: 95239901217.7/9

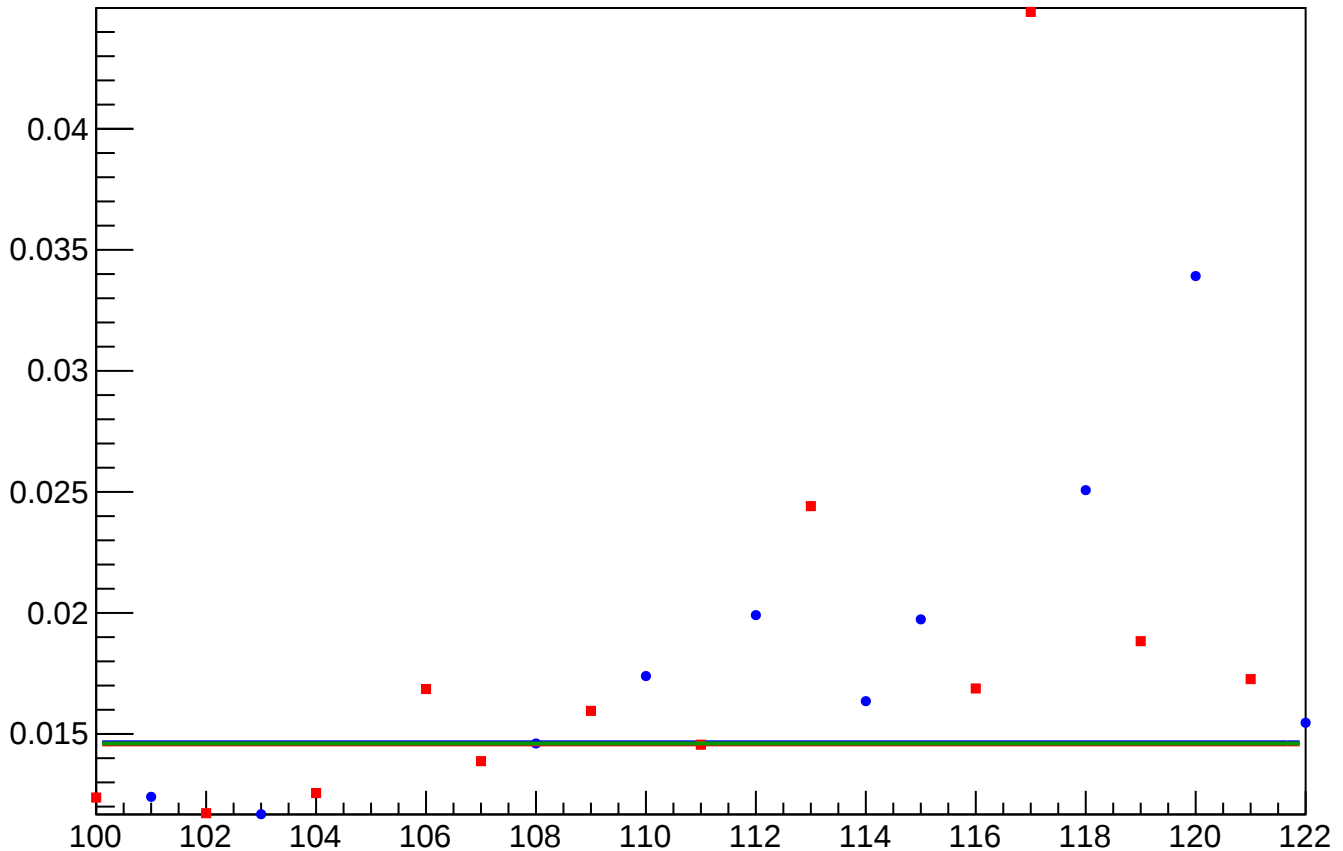
-2.546+/-0.000 χ^2 /NDF: 210050957327.4

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 : 496259.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 307172.3/11

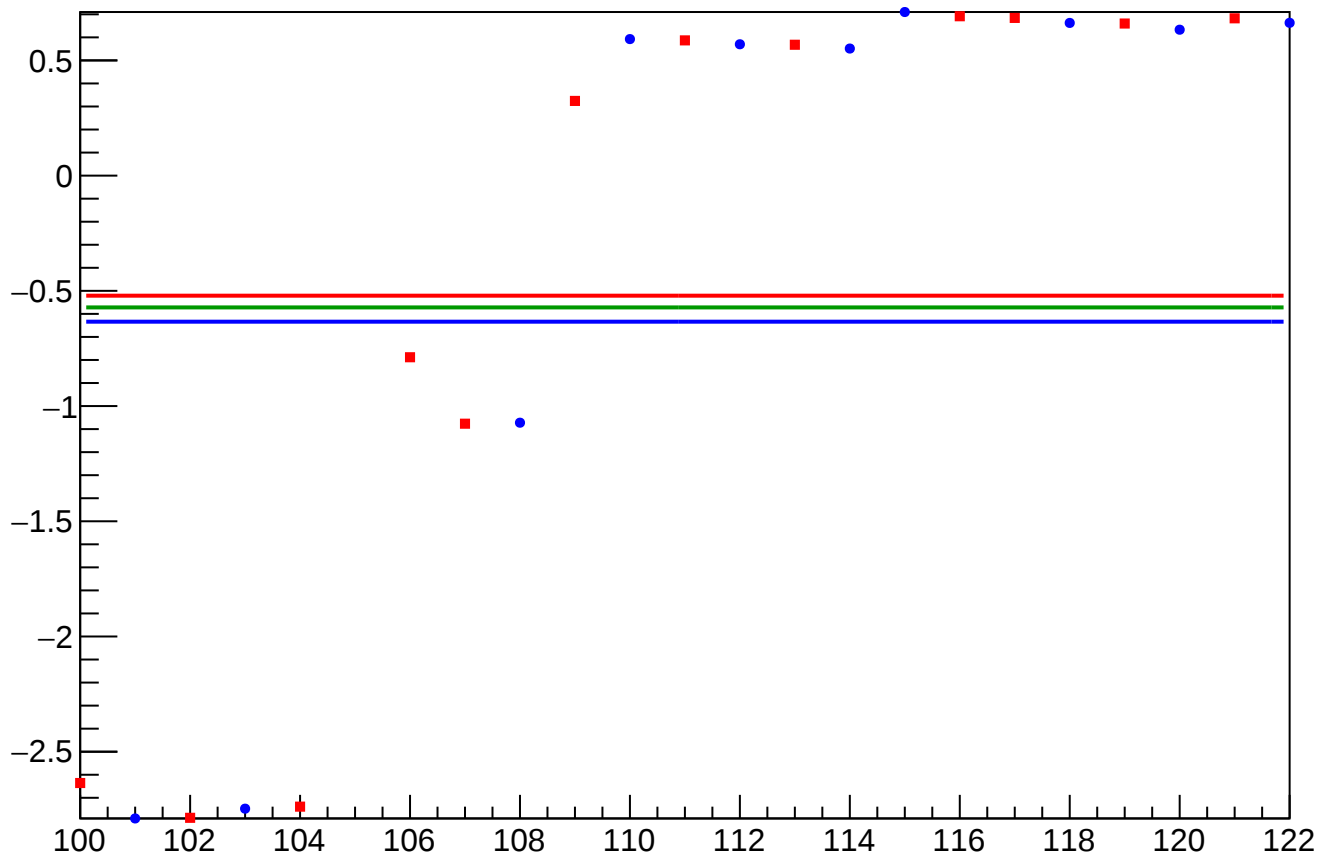
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 496259.9/9

0.015+/-0.000 χ^2/NDF : 803543.7/21

0.015+/-0.000 χ^2/NDF : 307172.3/11

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.634+/-0.000 χ^2/NDF : 572485066101.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.521+/-0.000 χ^2/NDF : 635765380033.8/11

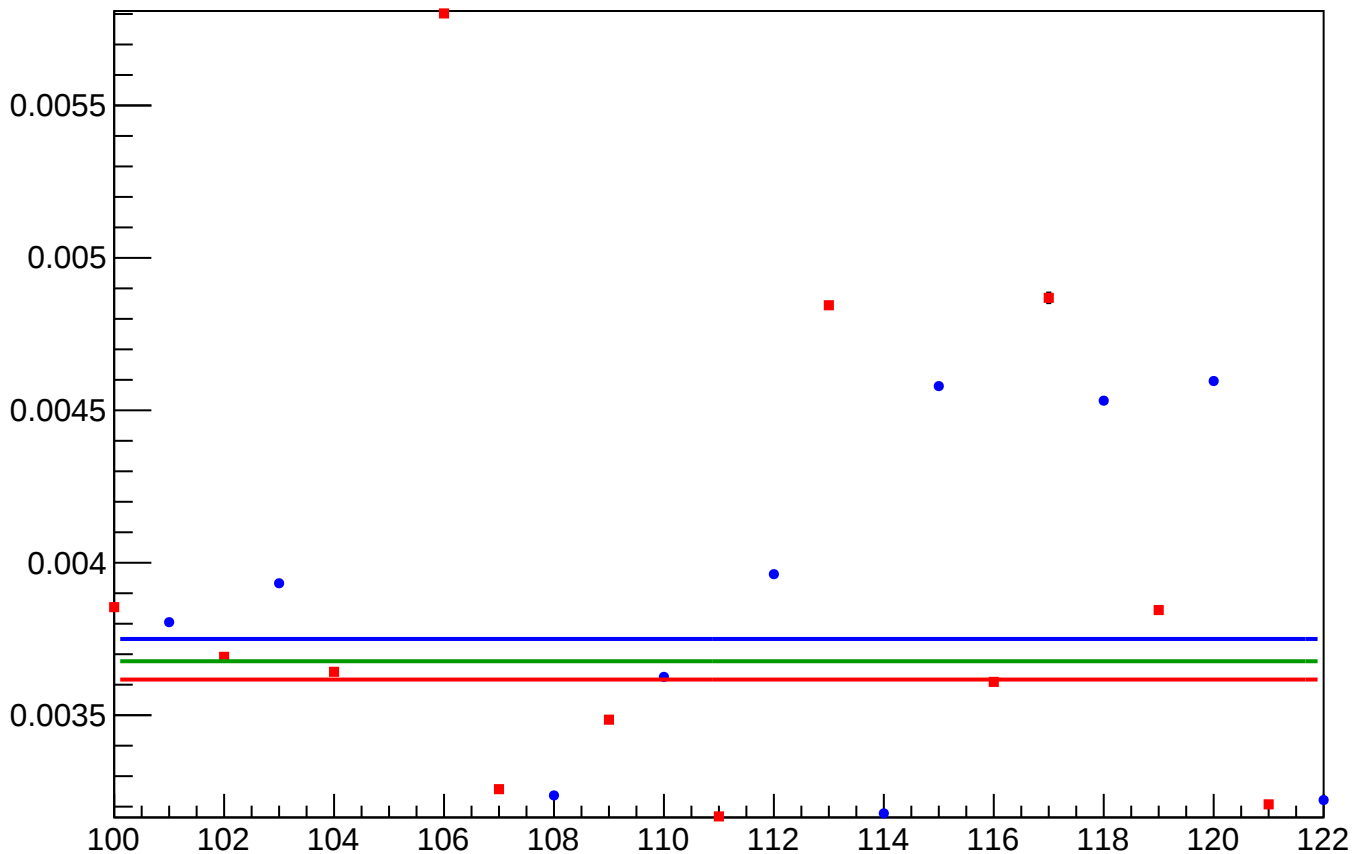
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.634+/-0.000 χ^2/NDF : 572485066101.2/9

-0.572+/-0.000 χ^2/NDF : 1210008579396.

-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 : 107189.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 173849.2/11

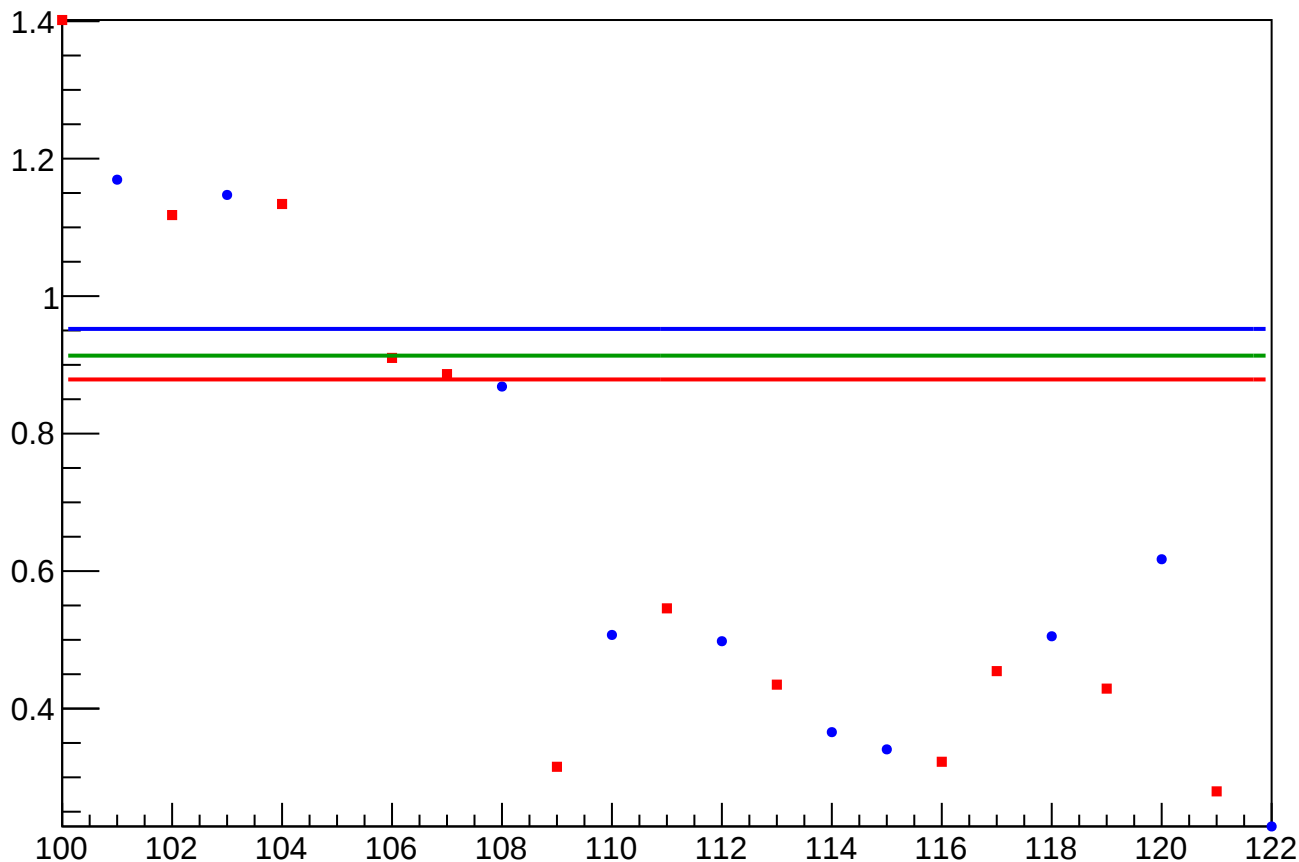
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 107189.0/9

0.004+/-0.000 χ^2/NDF : 285931.1/21

0.004+/-0.000 χ^2/NDF : 173849.2/11

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.952 ± 0.000 χ^2/NDF : 10147470738.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.879 ± 0.000 χ^2/NDF : 12757084761.9/11

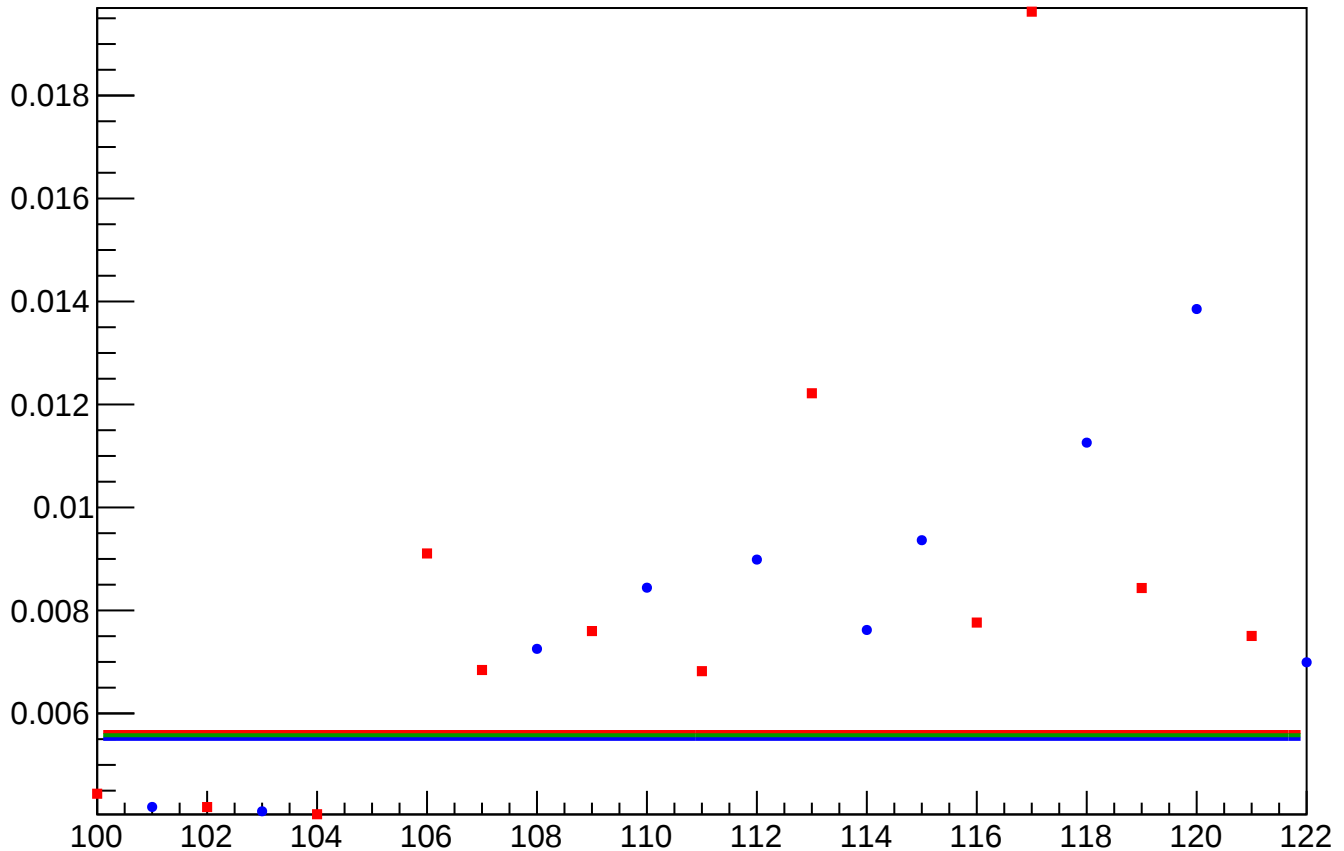
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.952 ± 0.000 χ^2/NDF : 10147470738.3/9

0.913 ± 0.000 χ^2/NDF : 23174875695.7/2

0.879 ± 0.000 χ^2/NDF : 12757084761.9/11

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 951933.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 837688.3/11

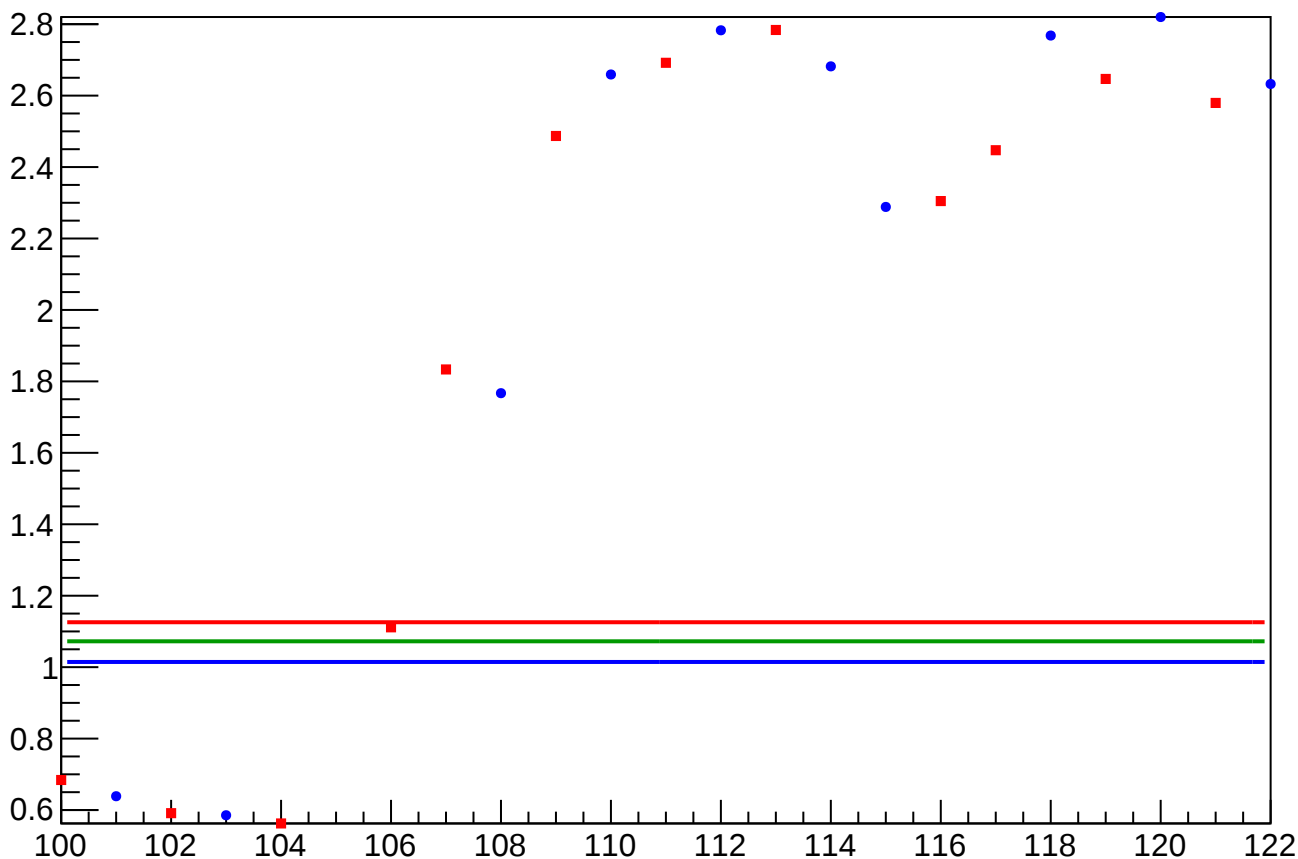
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 951933.0/9

0.006+/-0.000 χ^2/NDF : 1791391.6/21

0.006+/-0.000 χ^2/NDF : 837688.3/11

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.015+/-0.000 χ^2/NDF : 62733141732.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.015+/-0.000 χ^2/NDF : 62733141732.5/9

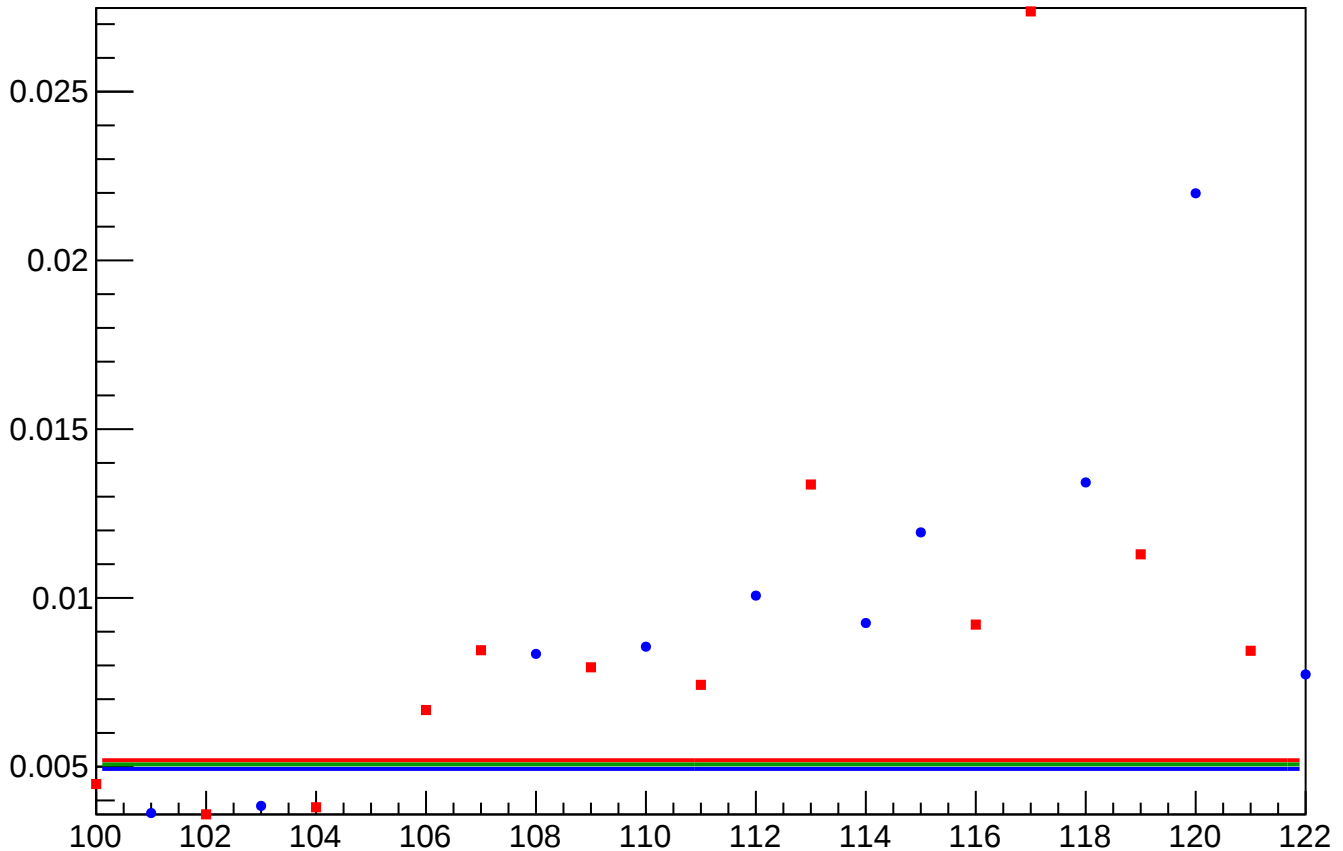
1.072+/-0.000 χ^2/NDF : 143927389168.2/11

Right Out: 1.126+/-0.000 χ^2/NDF : 80537232664.1/11

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 : 1374090.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1260573.2/11

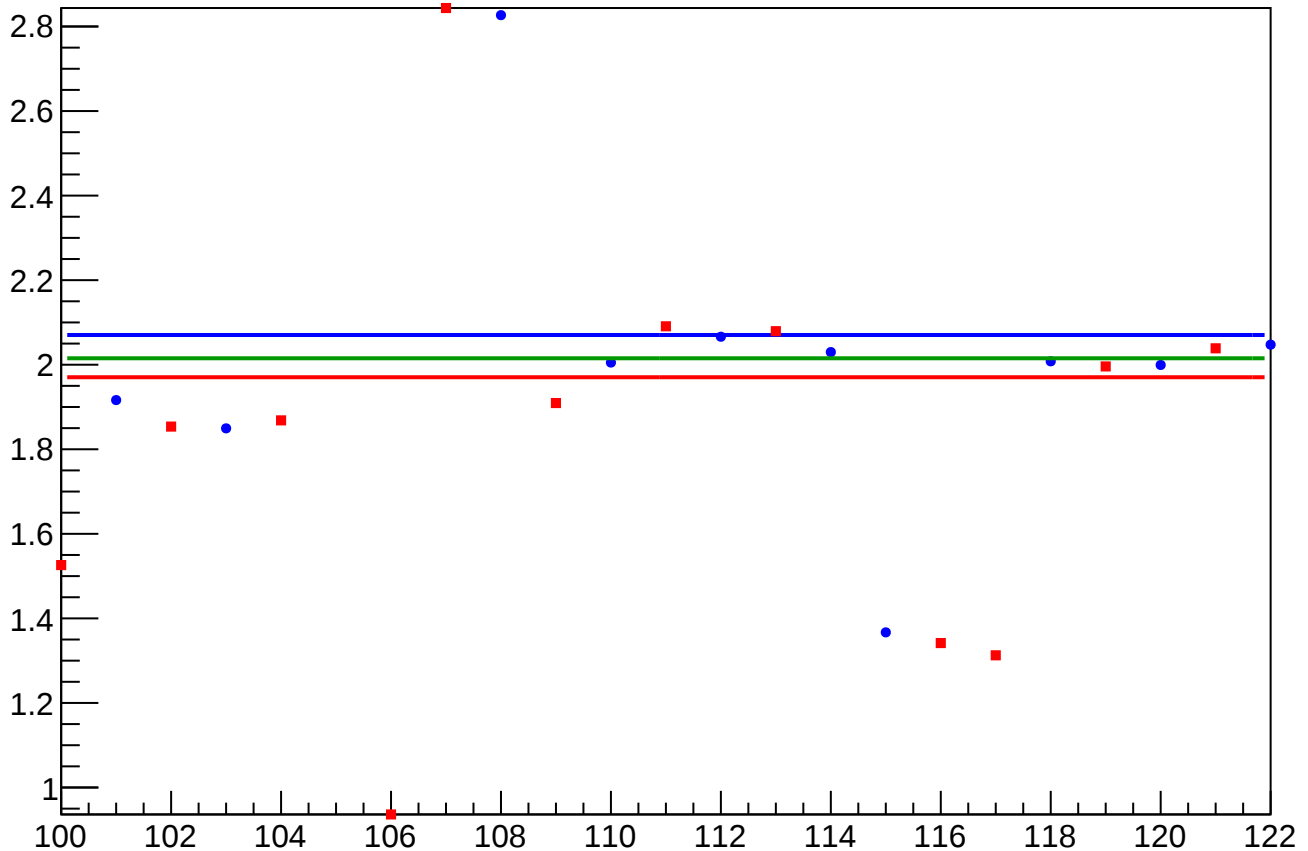
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1374090.6/9

0.005+/-0.000 χ^2/NDF : 2641626.2/21

0.005+/-0.000 χ^2/NDF : 1260573.2/11

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.070+/-0.000 χ^2/NDF : 7388583948.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.970+/-0.000 χ^2/NDF : 15396831020.6/11

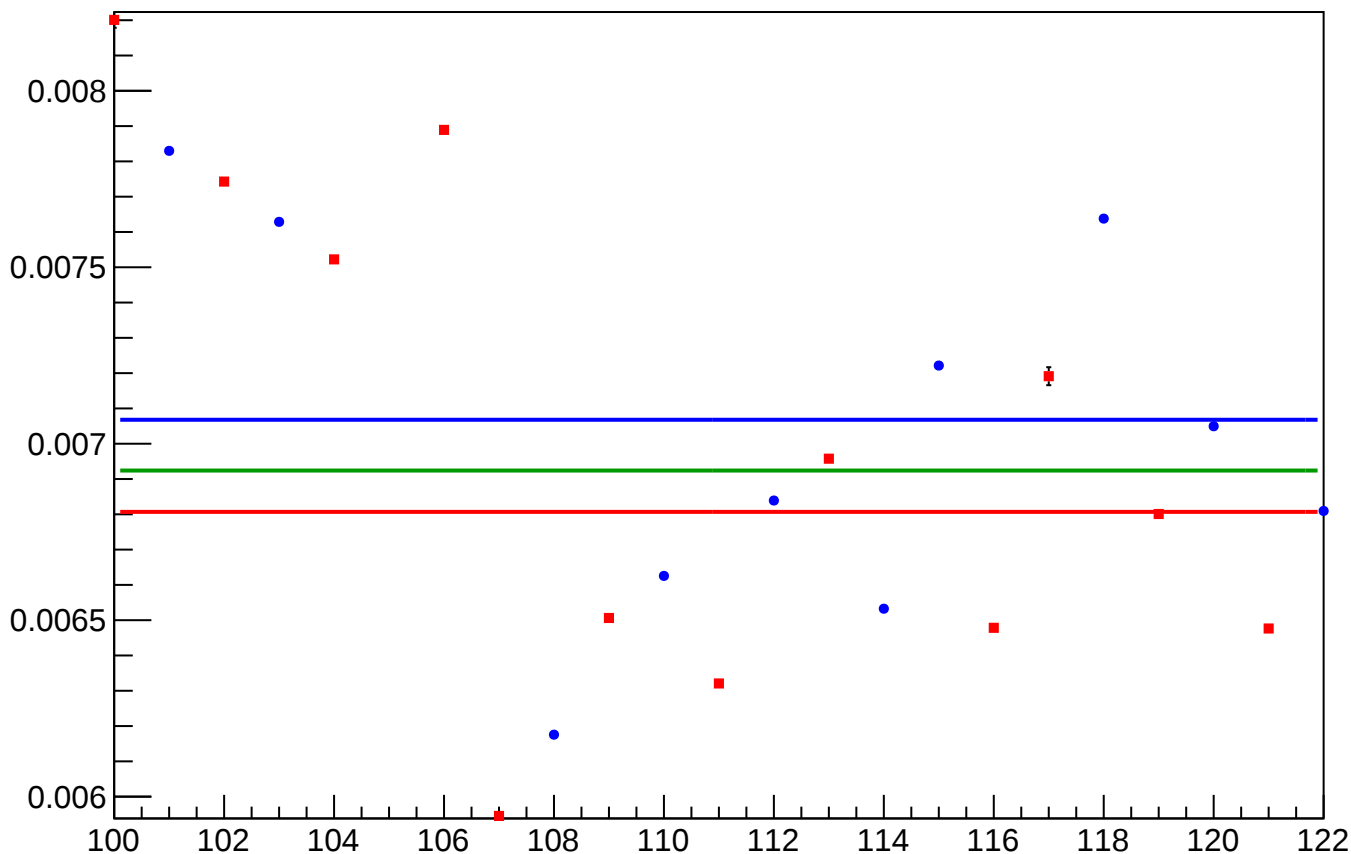
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.070+/-0.000 χ^2/NDF : 7388583948.0/9

2.015+/-0.000 χ^2/NDF : 23183218177.5/2

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 : 42954.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 63183.7/11

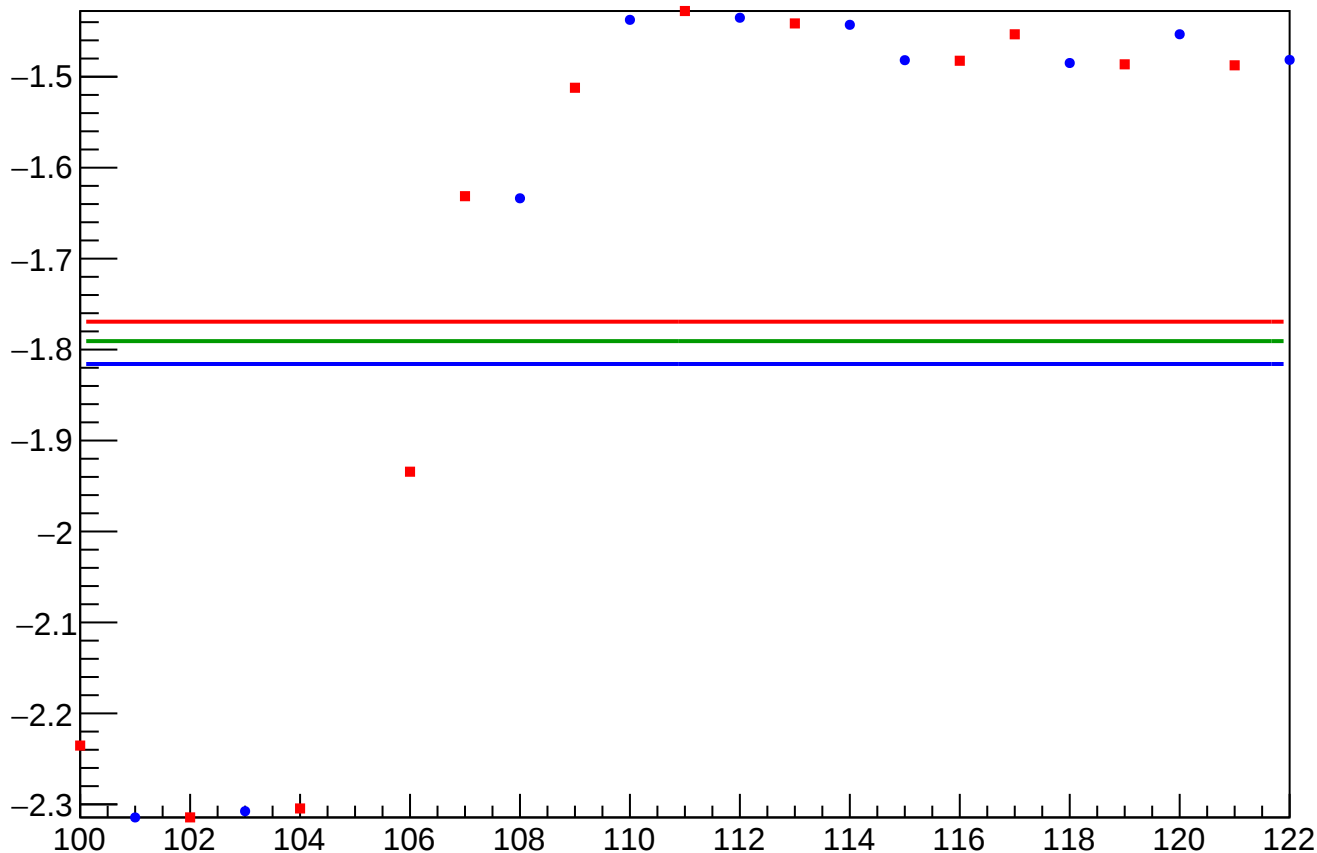
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 42954.5/9

0.007+/-0.000 χ^2/NDF : 111563.8/21

0.007+/-0.000 χ^2/NDF : 63183.7/11

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.816+/-0.000 χ^2/NDF : 79349297219.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.769+/-0.000 χ^2/NDF : 81541570588.9/11

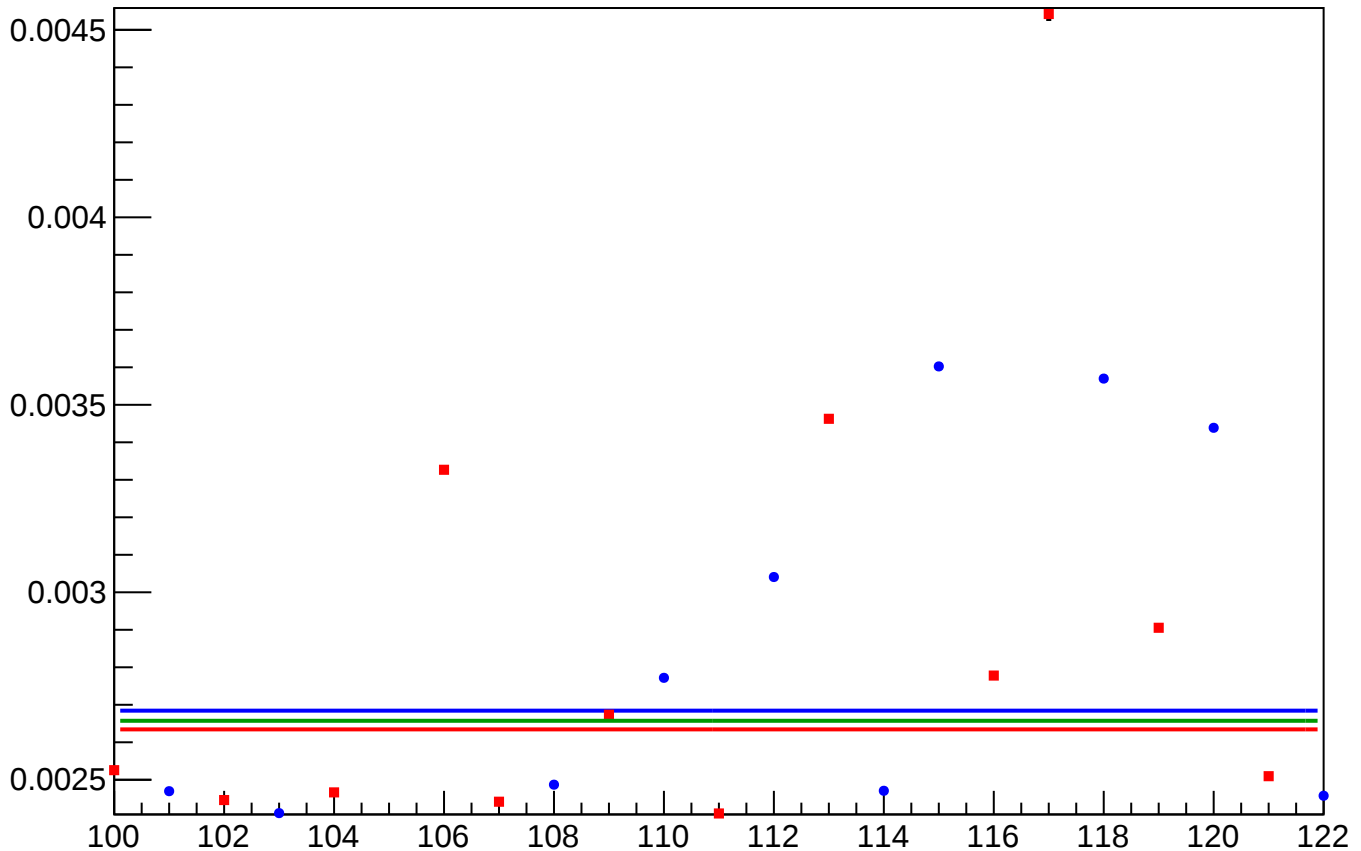
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.816+/-0.000 χ^2/NDF : 79349297219.3/9

-1.791+/-0.000 χ^2/NDF : 161464185604.5

-1.769+/-0.000 χ^2/NDF : 81541570588.9/11

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 146101.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 113180.3/11

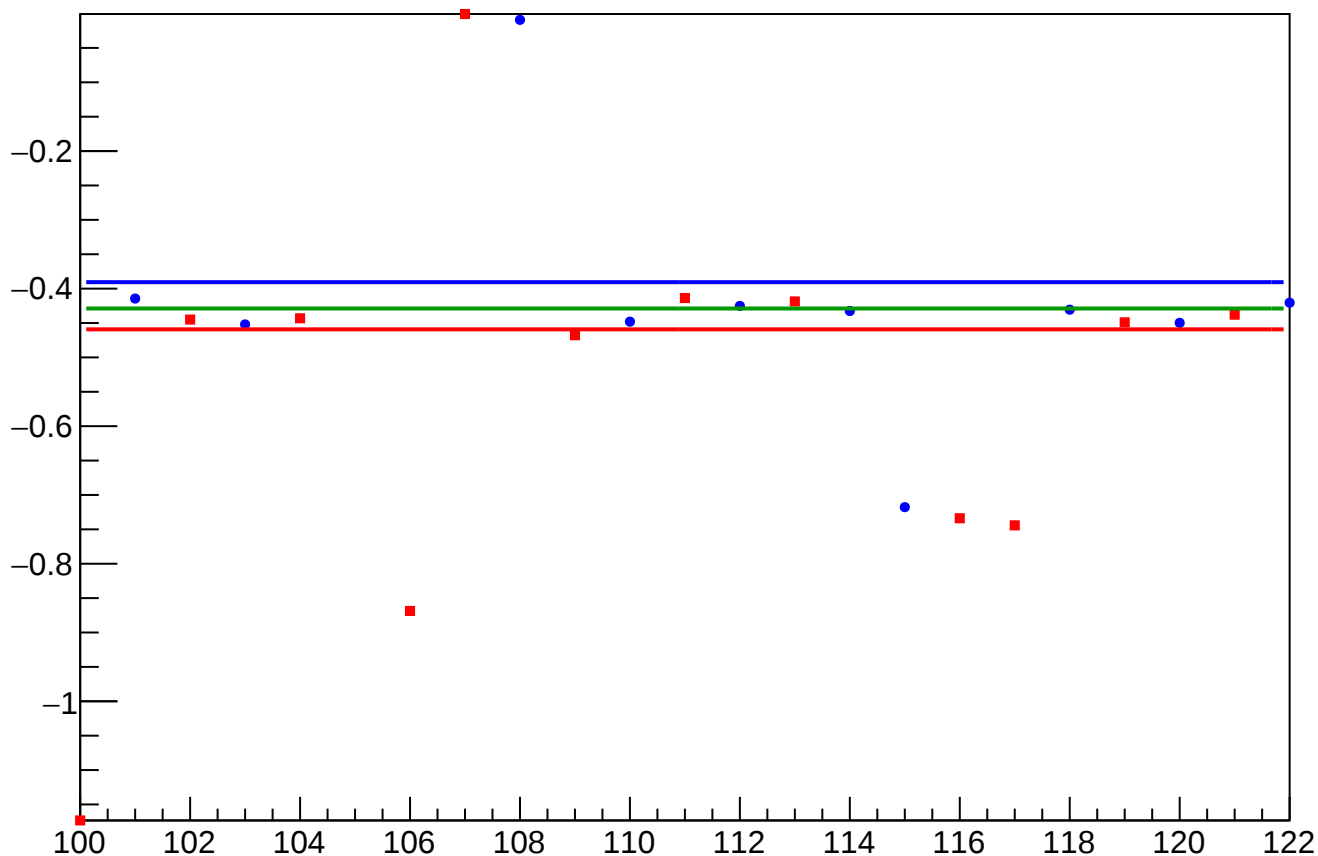
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 146101.7/9

0.003+/-0.000 χ^2/NDF : 260603.5/21

0.003+/-0.000 χ^2/NDF : 113180.3/11

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.391+/-0.000 χ^2/NDF : 656689548.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.459+/-0.000 χ^2/NDF : 1631010622.1/11

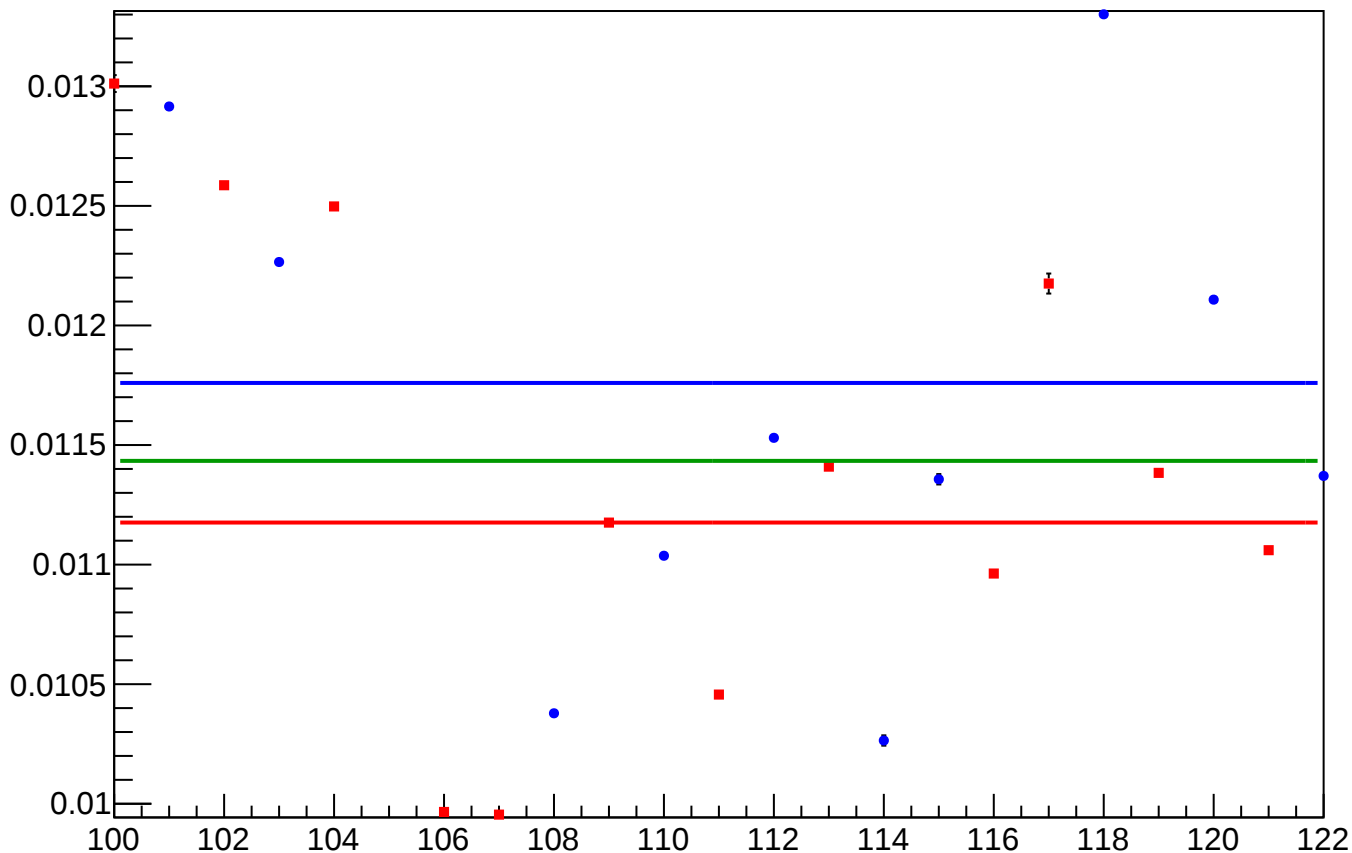
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.391+/-0.000 χ^2/NDF : 656689548.4/9

-0.429+/-0.000 χ^2/NDF : 2358173304.7/23

-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 : 46549.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 51452.5/11

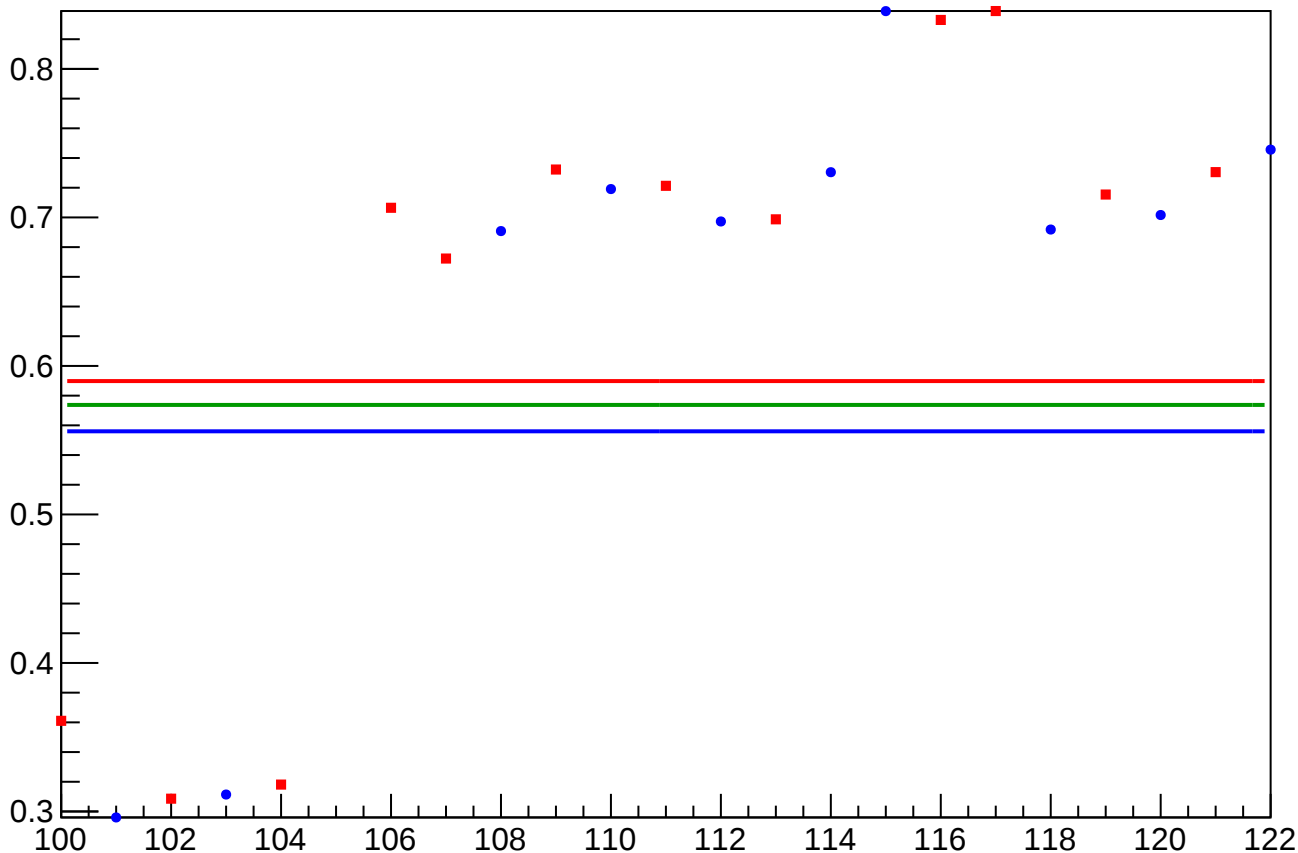
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 46549.1/9

0.011+/-0.000 χ^2/NDF : 108206.2/21

0.011+/-0.000 χ^2/NDF : 51452.5/11

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.556+/-0.000 χ^2/NDF : 20840631772.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.590+/-0.000 χ^2/NDF : 21172143421.8/11

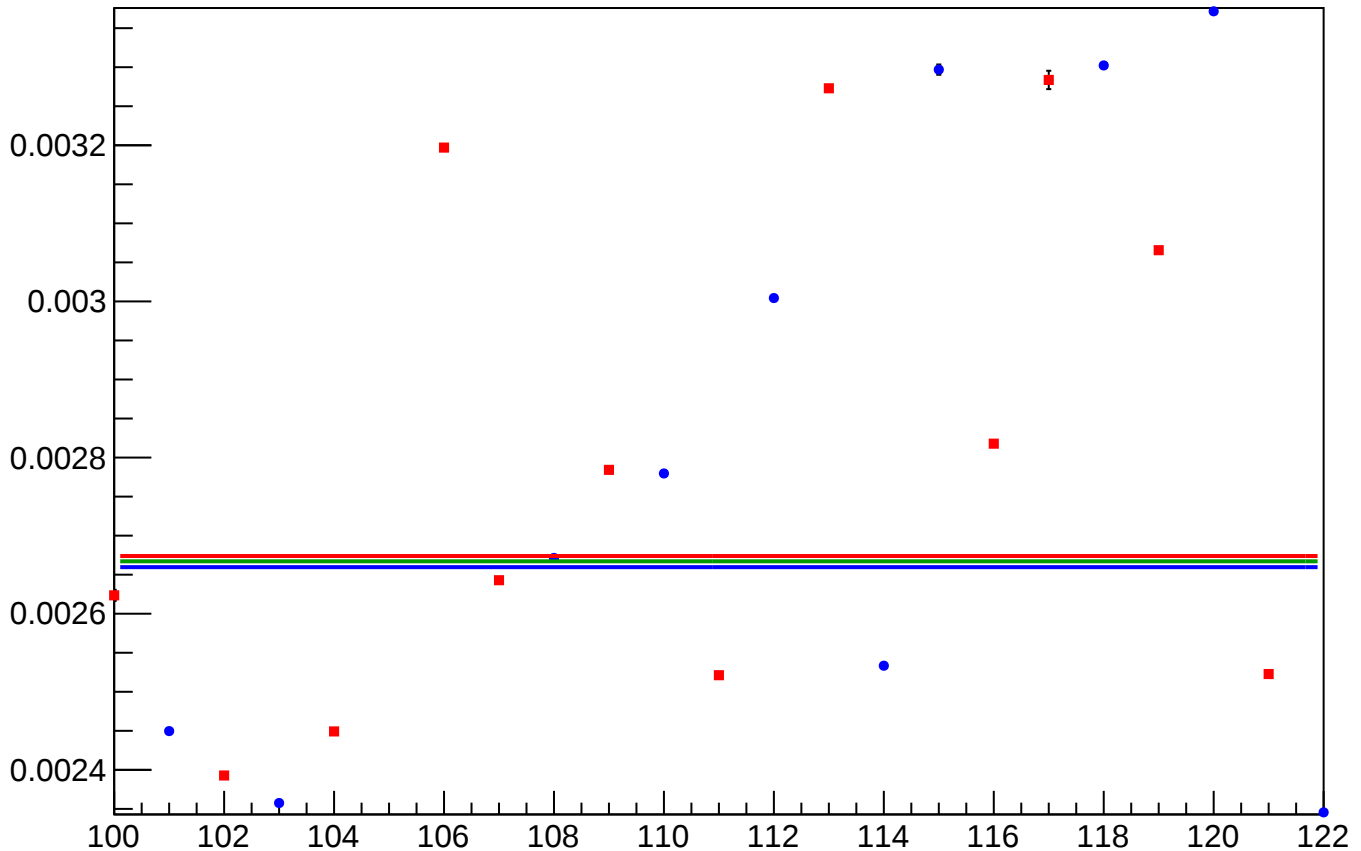
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.556+/-0.000 χ^2/NDF : 20840631772.2/9

0.574+/-0.000 χ^2/NDF : 42316433670.8/2

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 : 124293.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 87121.5/11

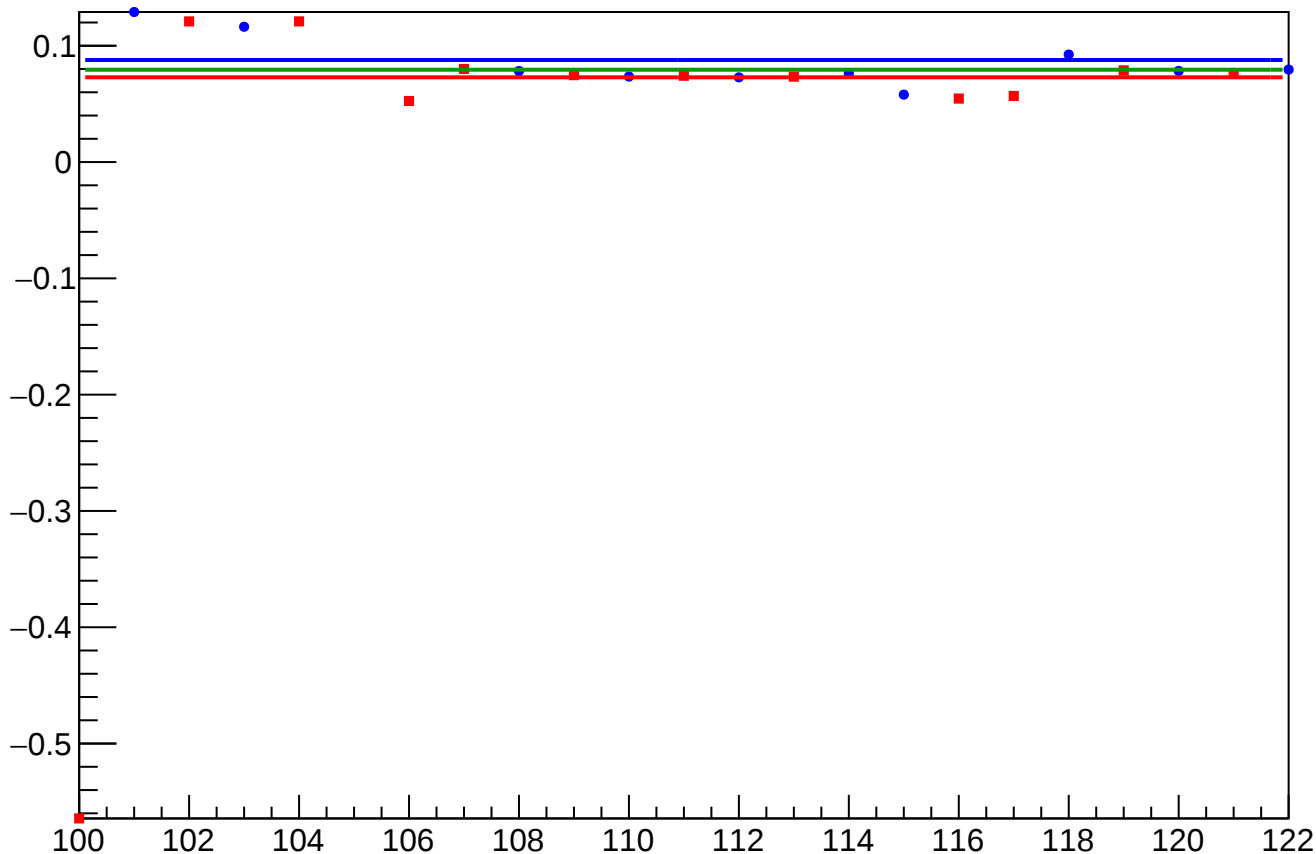
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 124293.7/9

0.003+/-0.000 χ^2/NDF : 211523.0/21

0.003+/-0.000 χ^2/NDF : 87121.5/11

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 14839128.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 220821358.7/11

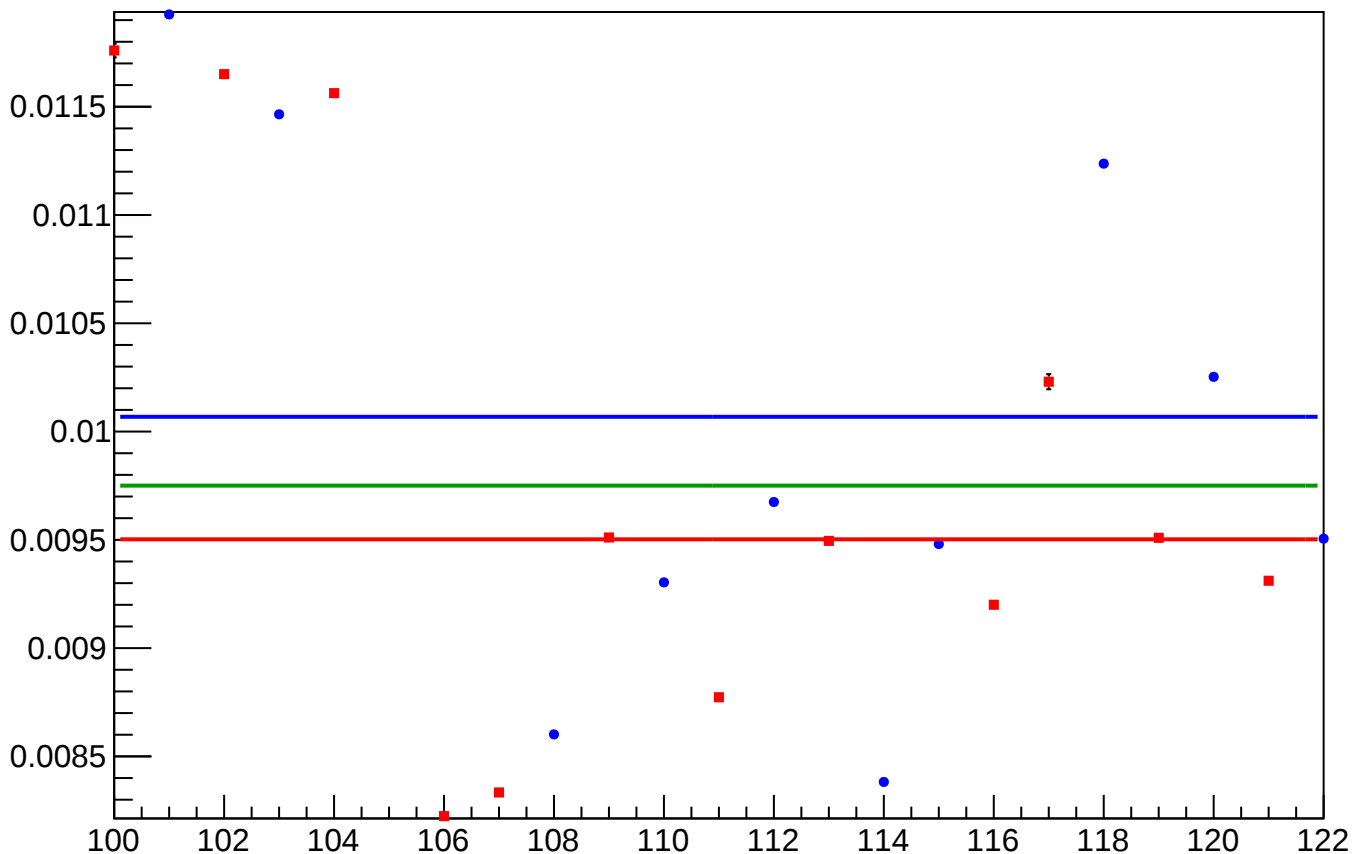
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 14839128.2/9

0.079+/-0.000 χ^2/NDF : 240191677.4/21

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 : 95151.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 106657.2/11

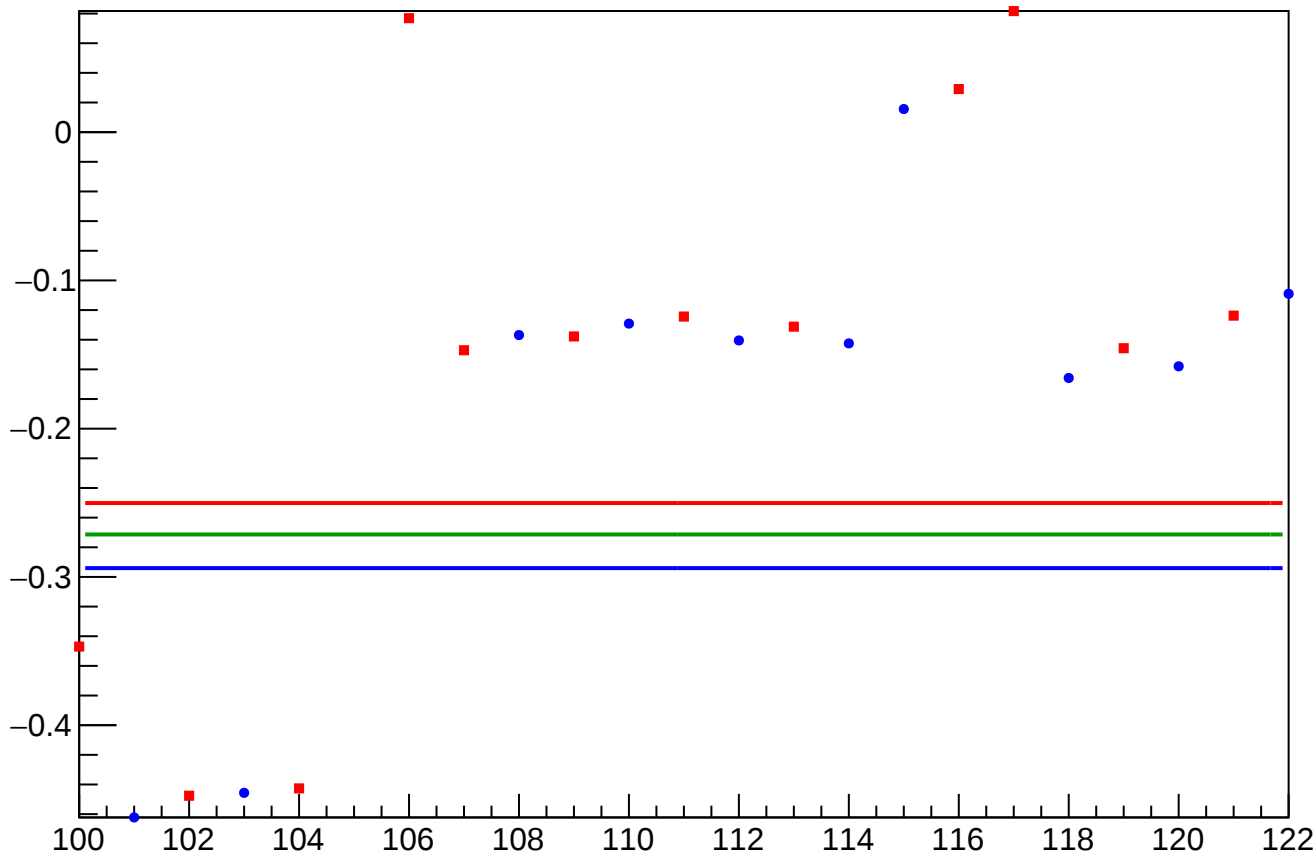
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 95151.9/9

0.010+/-0.000 χ^2/NDF : 214865.3/21

0.010+/-0.000 χ^2/NDF : 106657.2/11

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.294+/-0.000 χ^2/NDF : 4654695175.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.250+/-0.000 χ^2/NDF : 5723355321.7/11

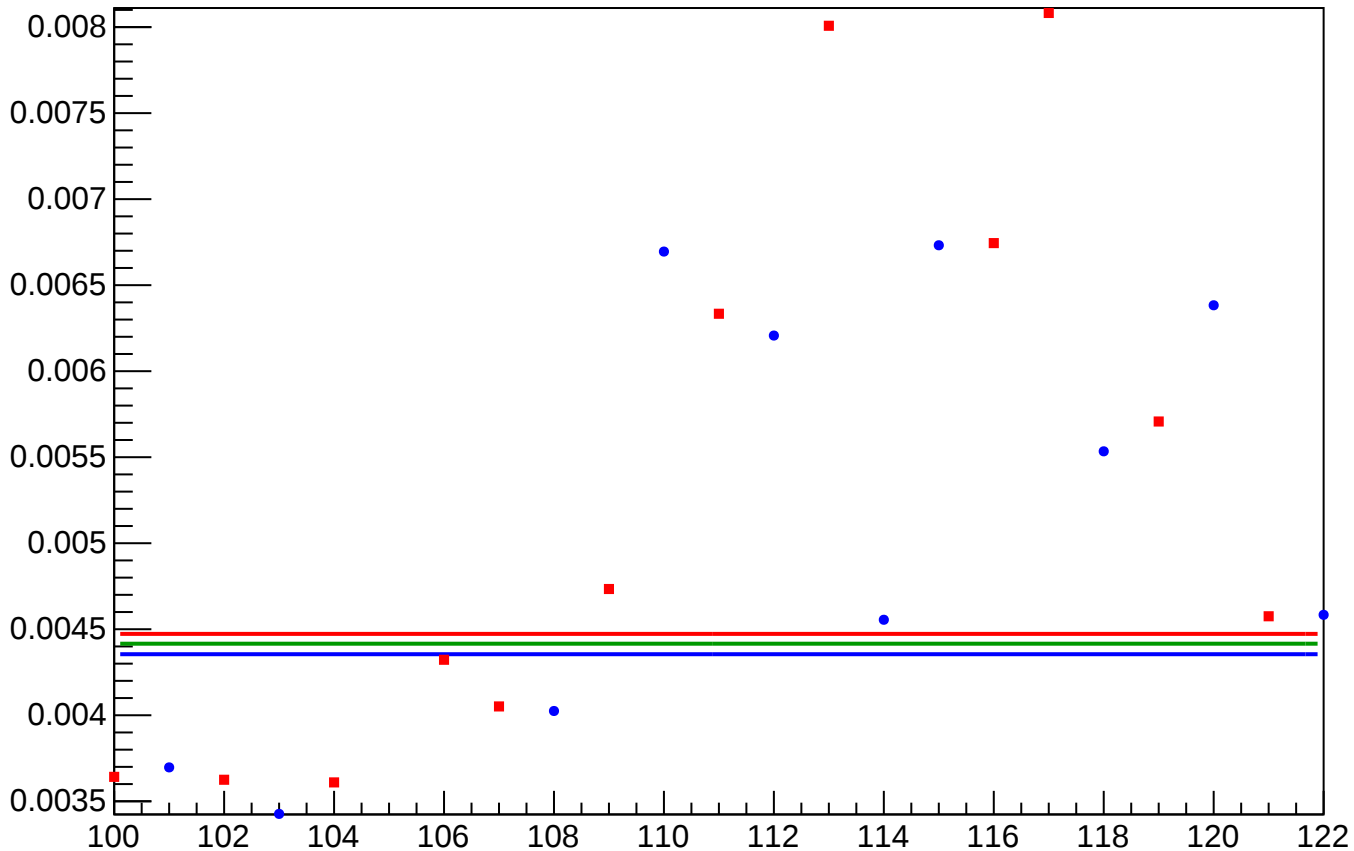
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.294+/-0.000 χ^2/NDF : 4654695175.5/9

-0.271+/-0.000 χ^2/NDF : 10554668003.6/11

-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 : 406697.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 472367.7/11

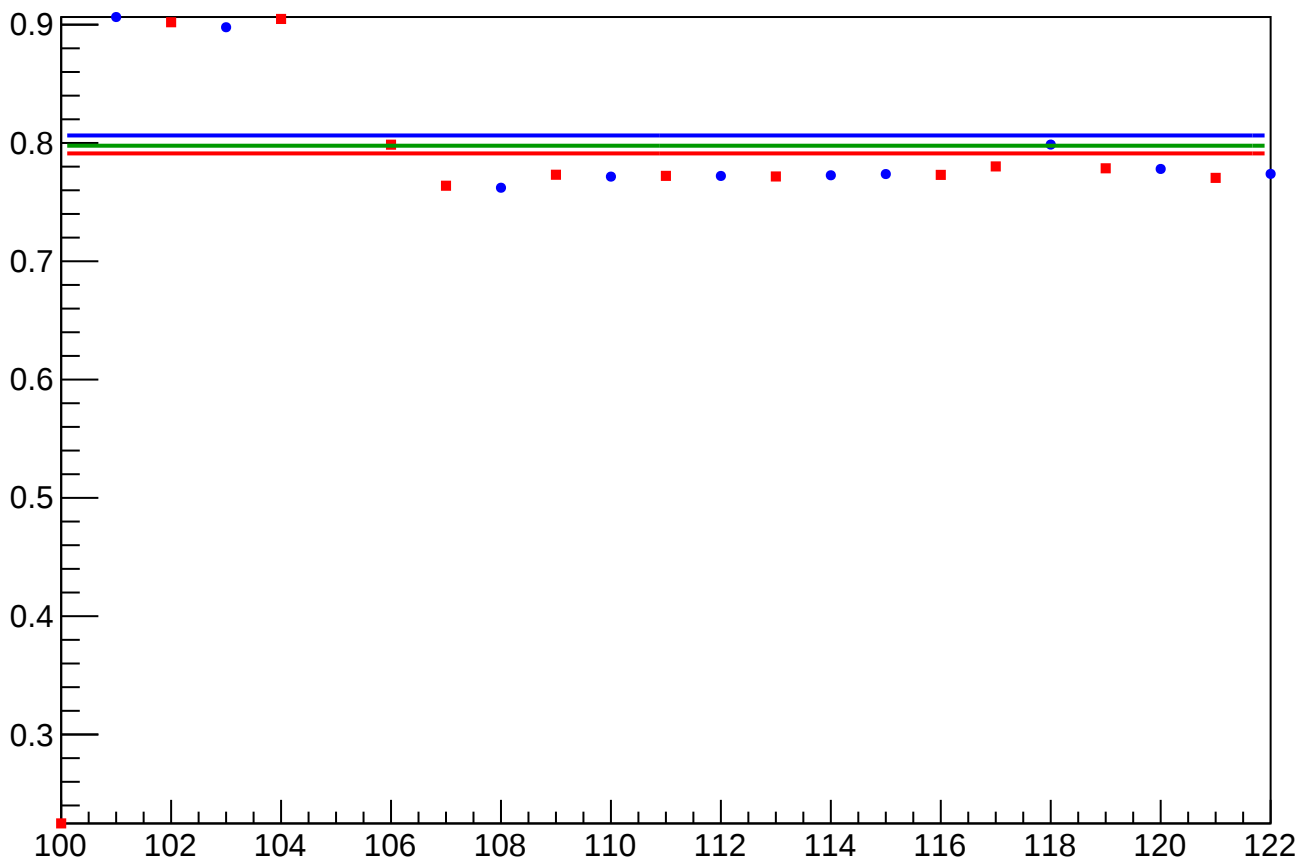
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.004+/-0.000 χ^2/NDF : 406697.5/9

0.004+/-0.000 χ^2/NDF : 881624.3/21

0.004+/-0.000 χ^2/NDF : 472367.7/11

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.806 $\pm$ 0.000 χ^2/NDF : 90512748.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.791 $\pm$ 0.000 χ^2/NDF : 237669660.6/11

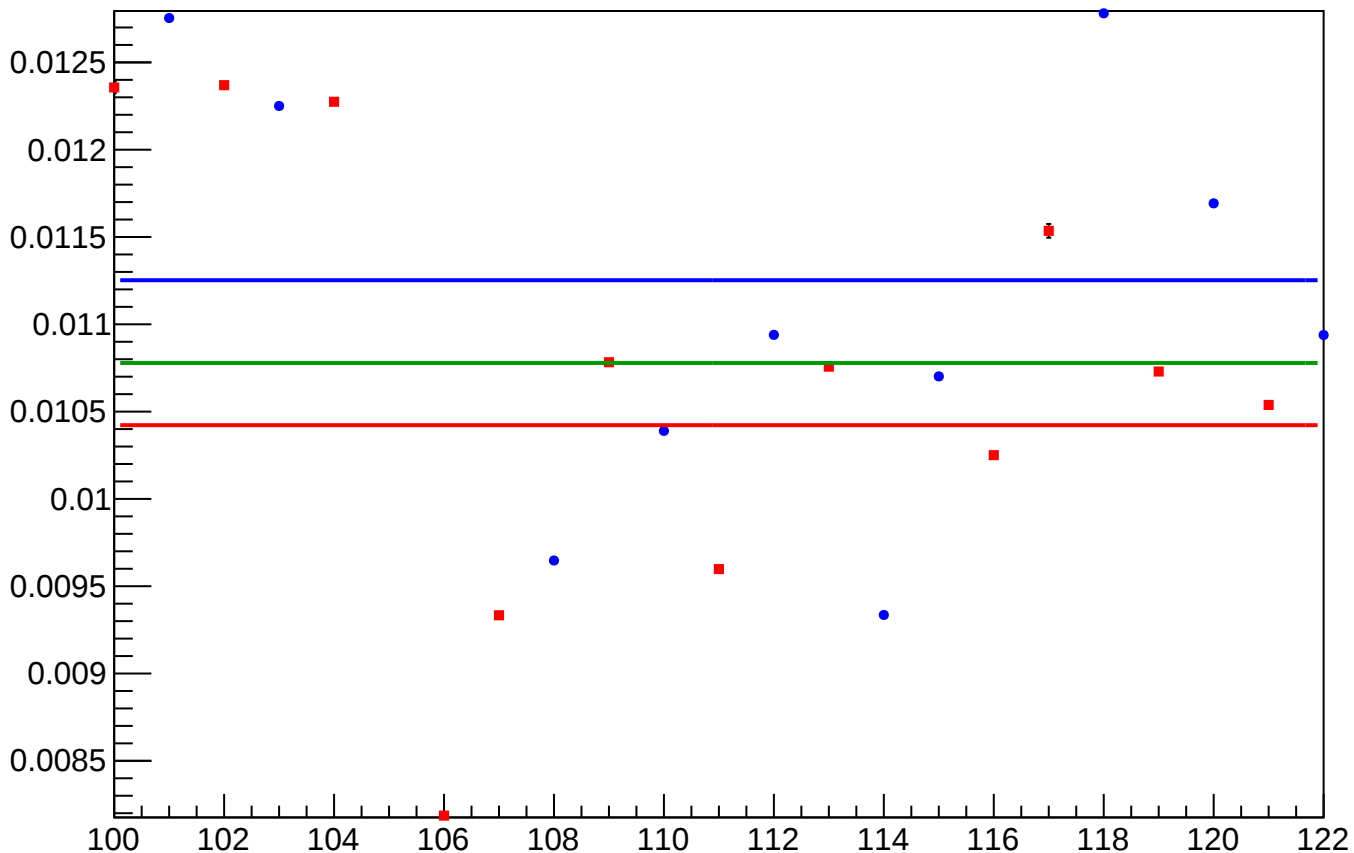
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.806 $\pm$ 0.000 χ^2/NDF : 90512748.7/9

0.798 $\pm$ 0.000 χ^2/NDF : 332006041.7/21

0.791 $\pm$ 0.000 χ^2/NDF : 237669660.6/11

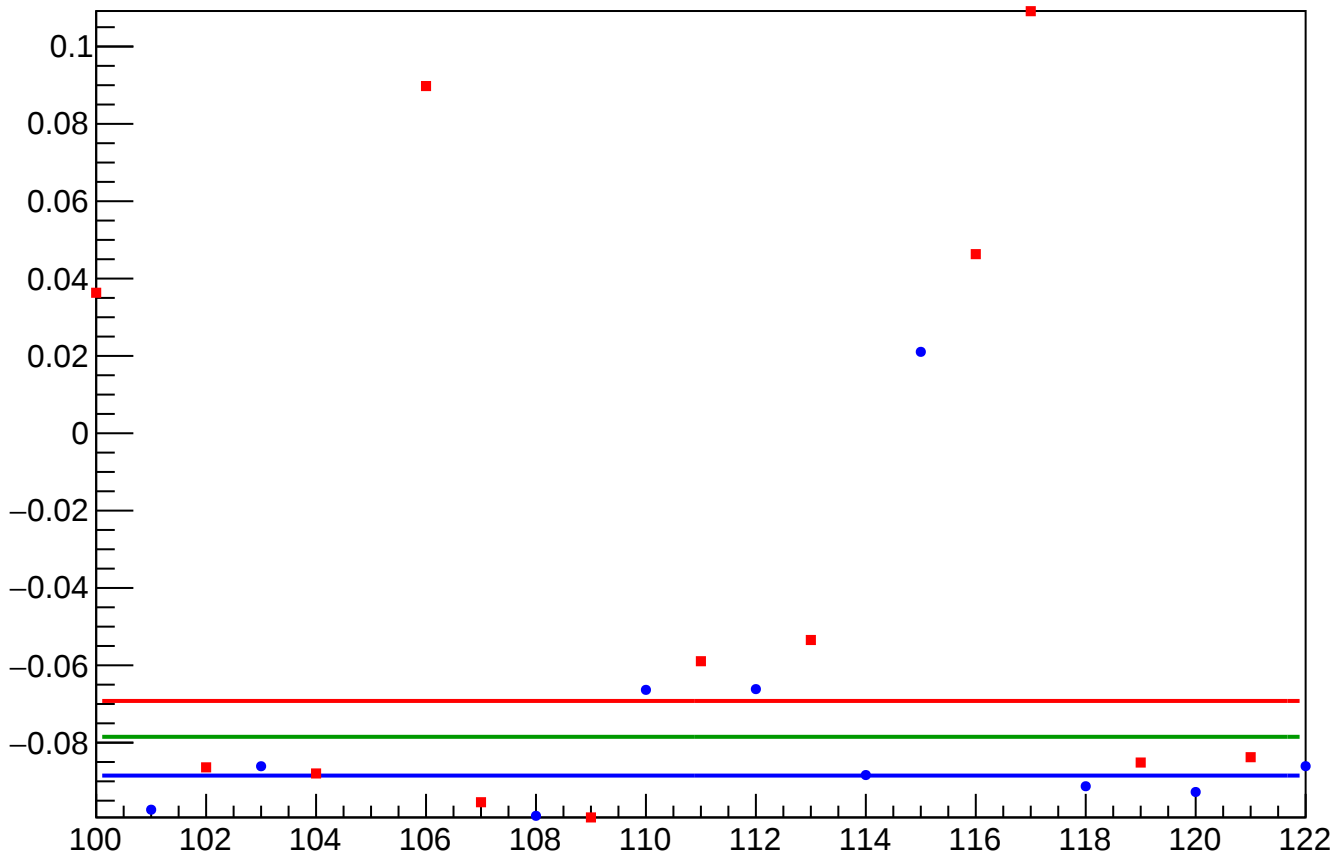
yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 $\chi^2/\text{NDF}: 74174.6/9$
 Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.010+/-0.000 $\chi^2/\text{NDF}: 114677.0/11$
 Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

0.011+/-0.000 $\chi^2/\text{NDF}: 74174.6/9$
 0.011+/-0.000 $\chi^2/\text{NDF}: 211736.4/21$
 0.010+/-0.000 $\chi^2/\text{NDF}: 114677.0/11$

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.089+/-0.000 χ^2/NDF : 35178356.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.000 χ^2/NDF : 440886766.7/11

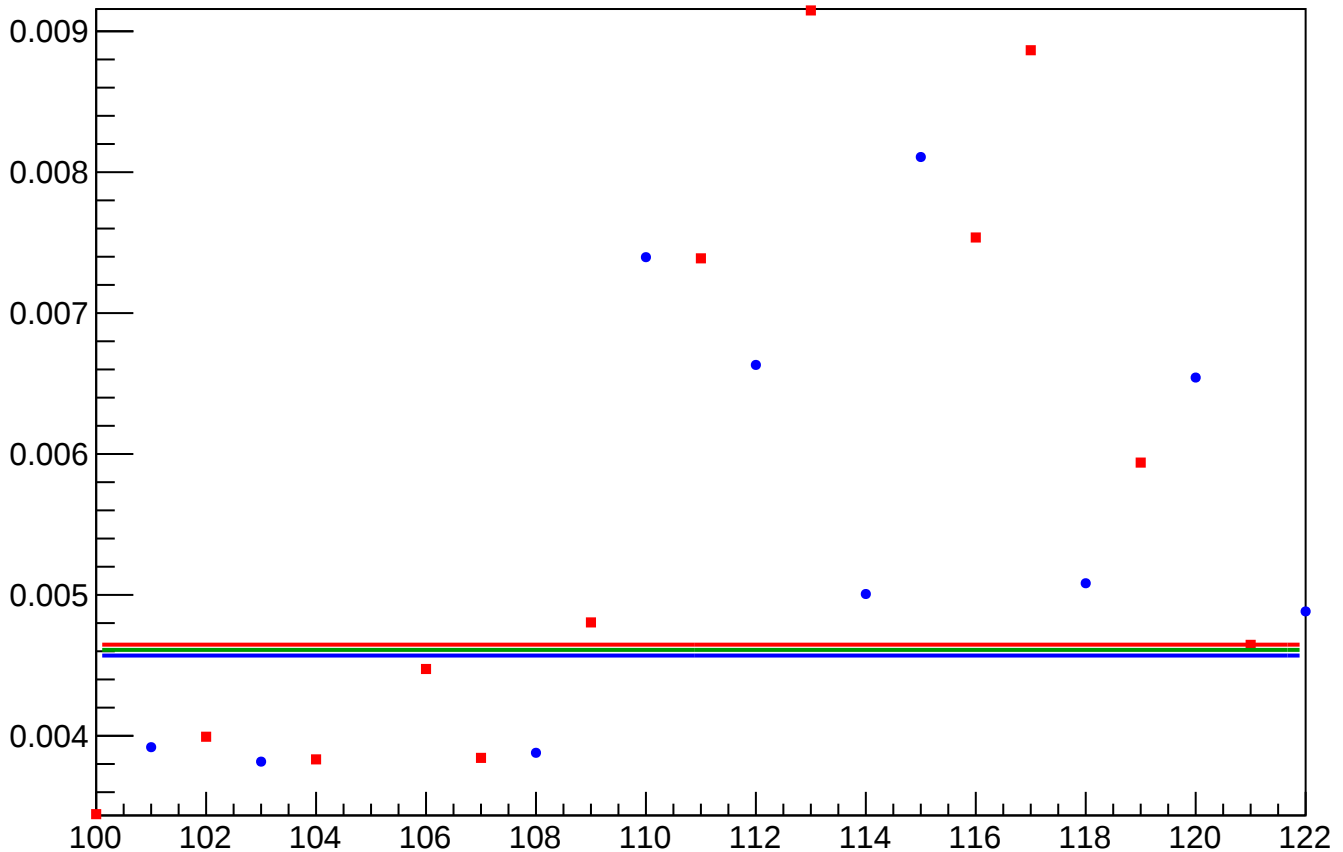
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.089+/-0.000 χ^2/NDF : 35178356.4/9

-0.078+/-0.000 χ^2/NDF : 506457688.6/21

-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 : 374580.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 548587.1/11

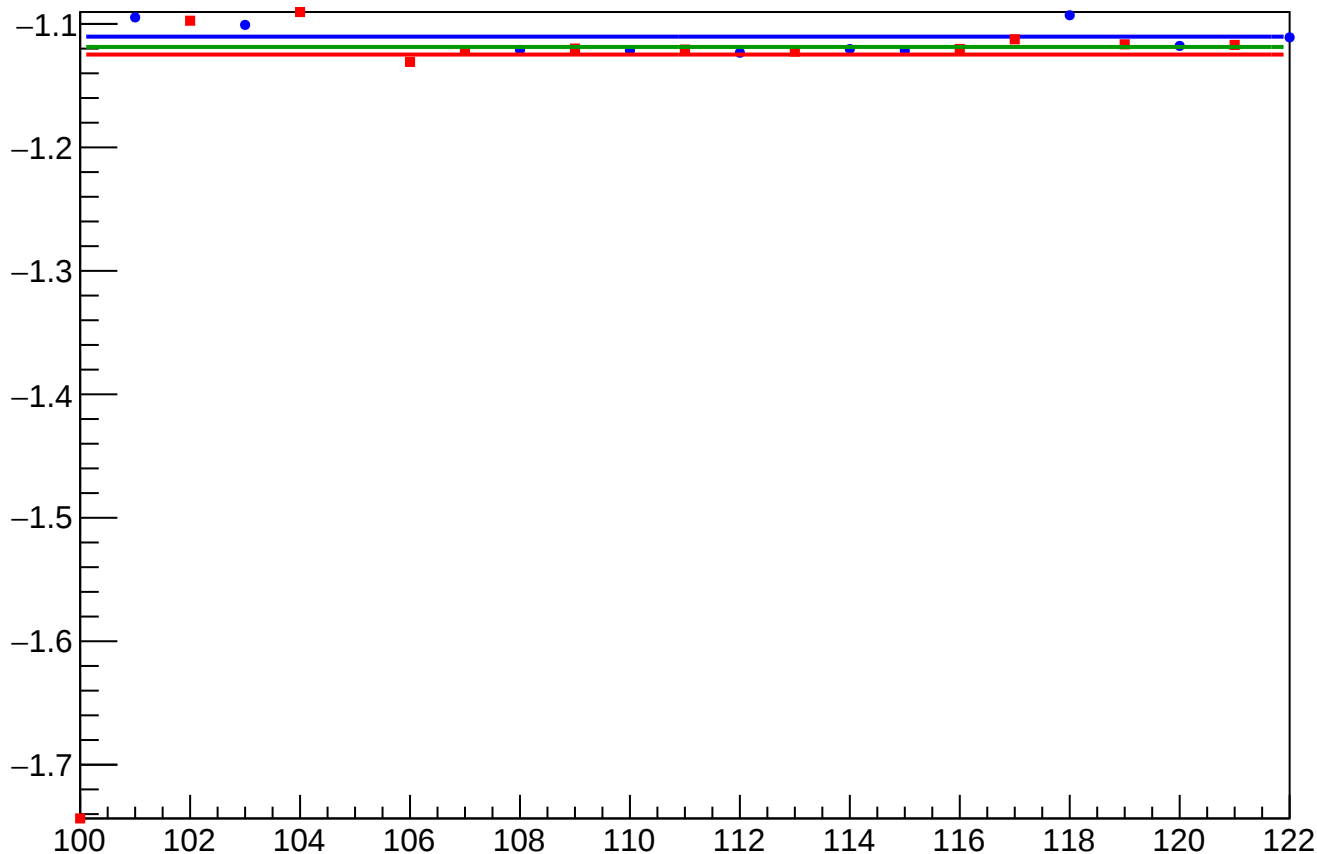
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 374580.6/9

0.005+/-0.000 χ^2/NDF : 924143.2/21

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 : 3580918.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.125+/-0.000 χ^2/NDF : 205057222.5/11

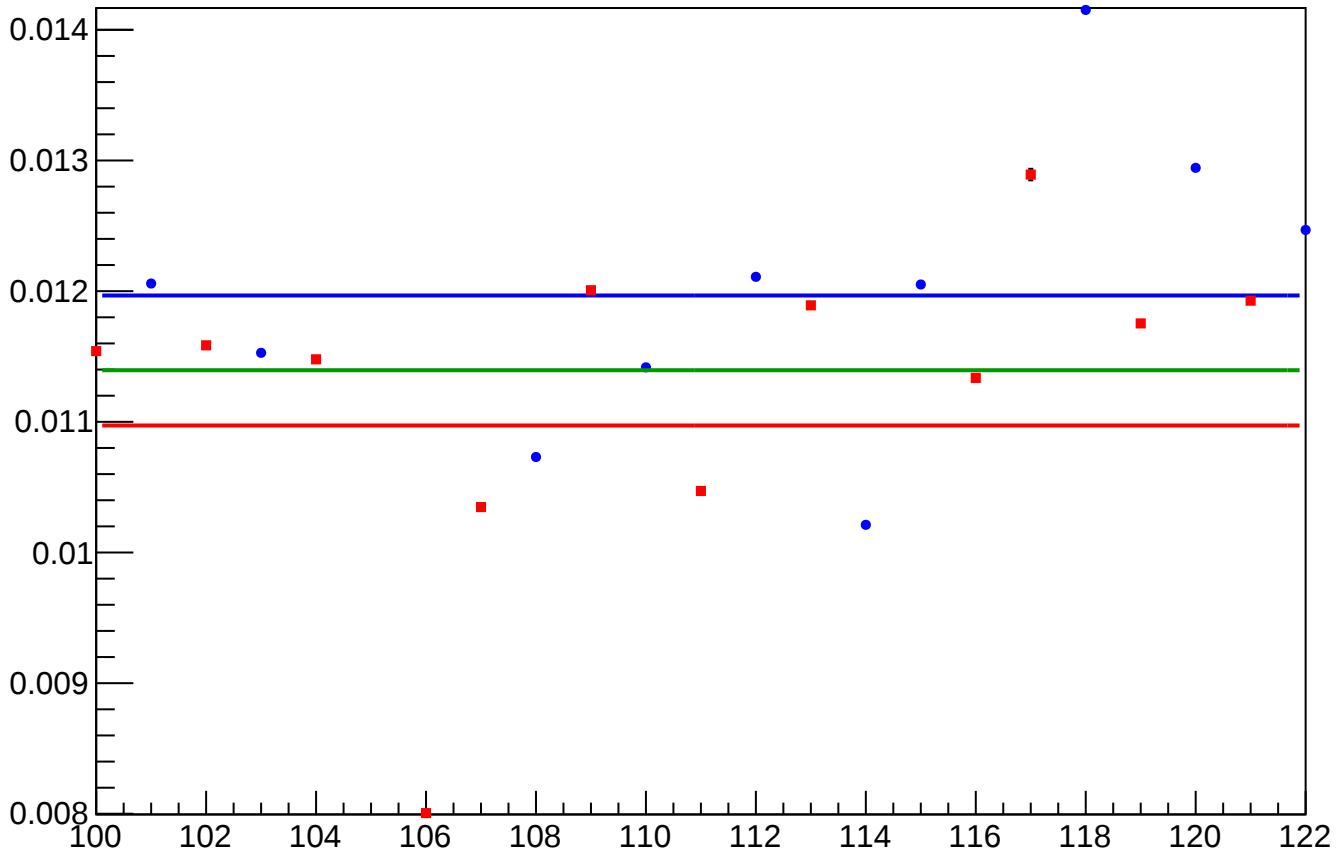
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.110+/-0.000 χ^2/NDF : 3580918.2/9

-1.119+/-0.000 χ^2/NDF : 211755440.6/21

-1.125+/-0.000 χ^2/NDF : 205057222.5/11

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 46770.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 114581.1/11

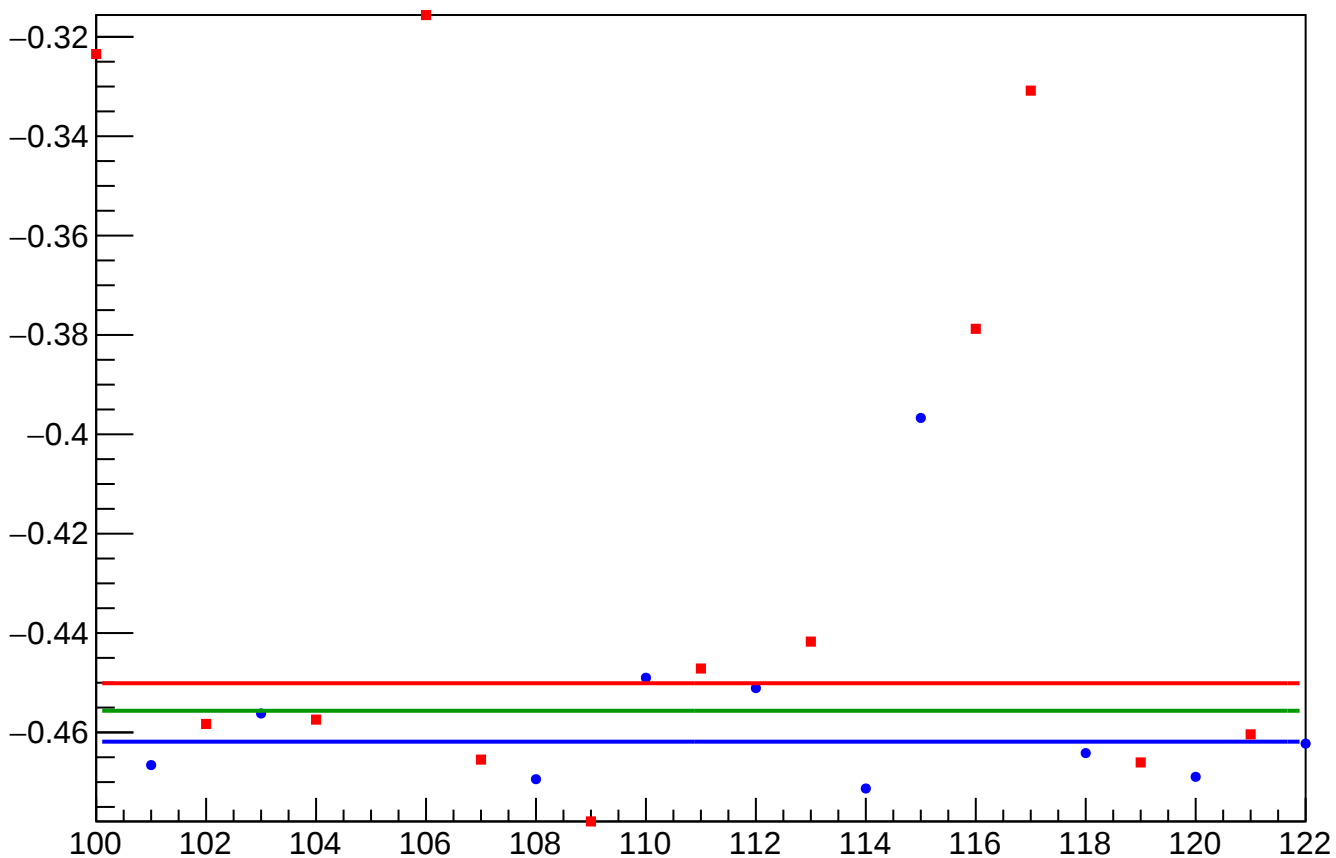
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 46770.1/9

0.011 $\pm$ 0.000 χ^2 /NDF: 190664.1/21

0.011 $\pm$ 0.000 χ^2 /NDF: 114581.1/11

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 21329361.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.450+/-0.000 χ^2/NDF : 359632088.0/11

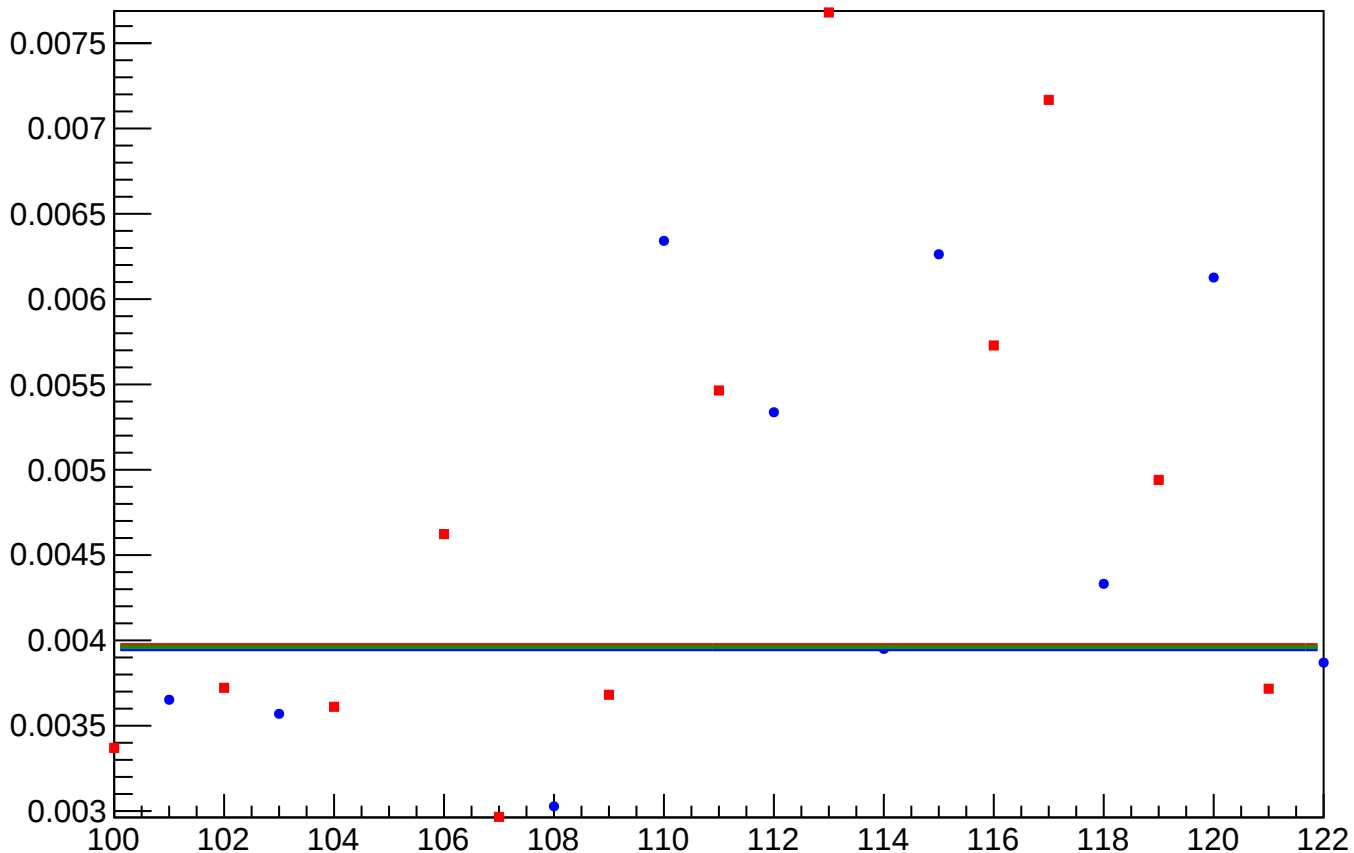
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.462+/-0.000 χ^2/NDF : 21329361.4/9

-0.456+/-0.000 χ^2/NDF : 396207784.8/21

-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 : 339966.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 452853.2/11

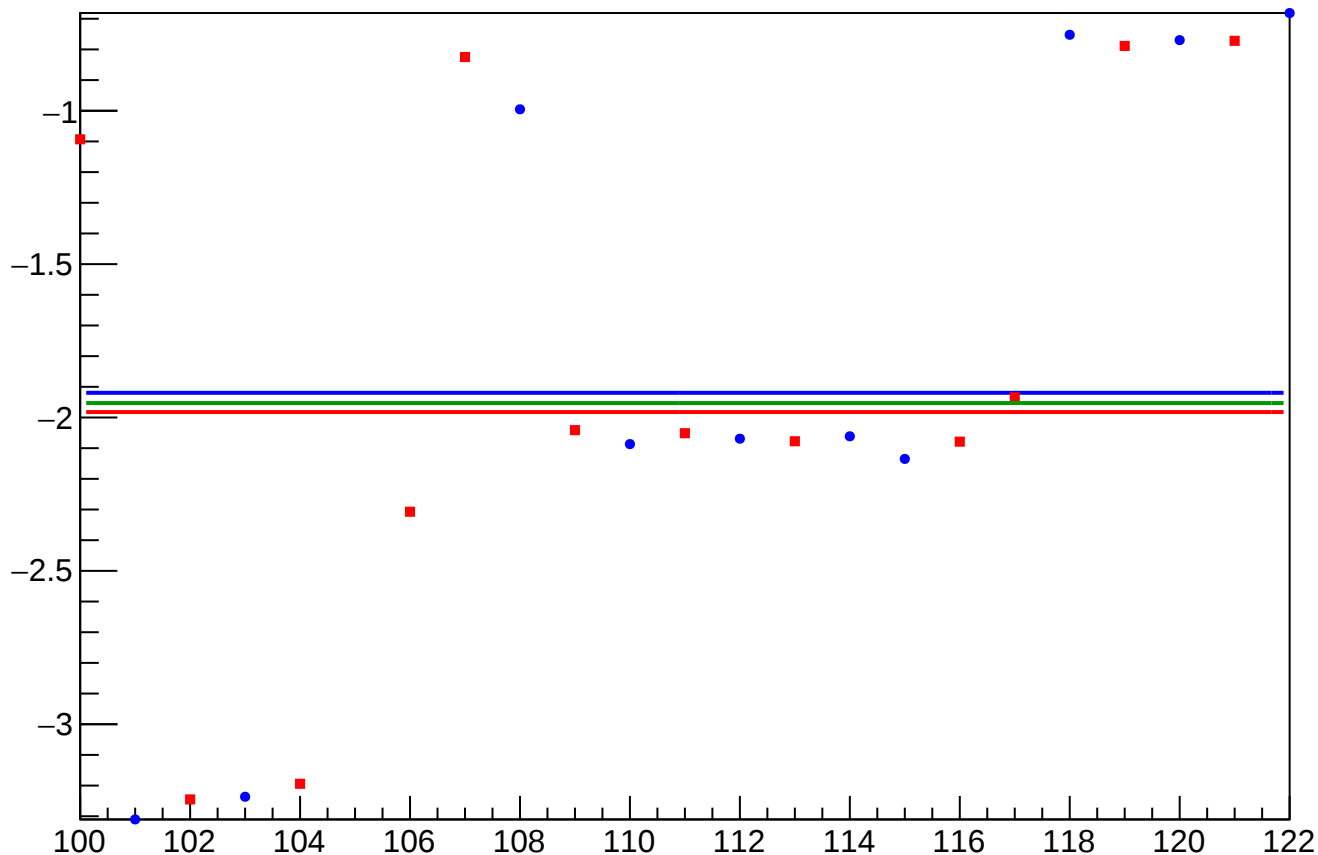
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 339966.0/9

0.004+/-0.000 χ^2/NDF : 792949.3/21

0.004+/-0.000 χ^2/NDF : 452853.2/11

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.919+/-0.000 χ^2/NDF : 796792576.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.982+/-0.000 χ^2/NDF : 649097000.7/11

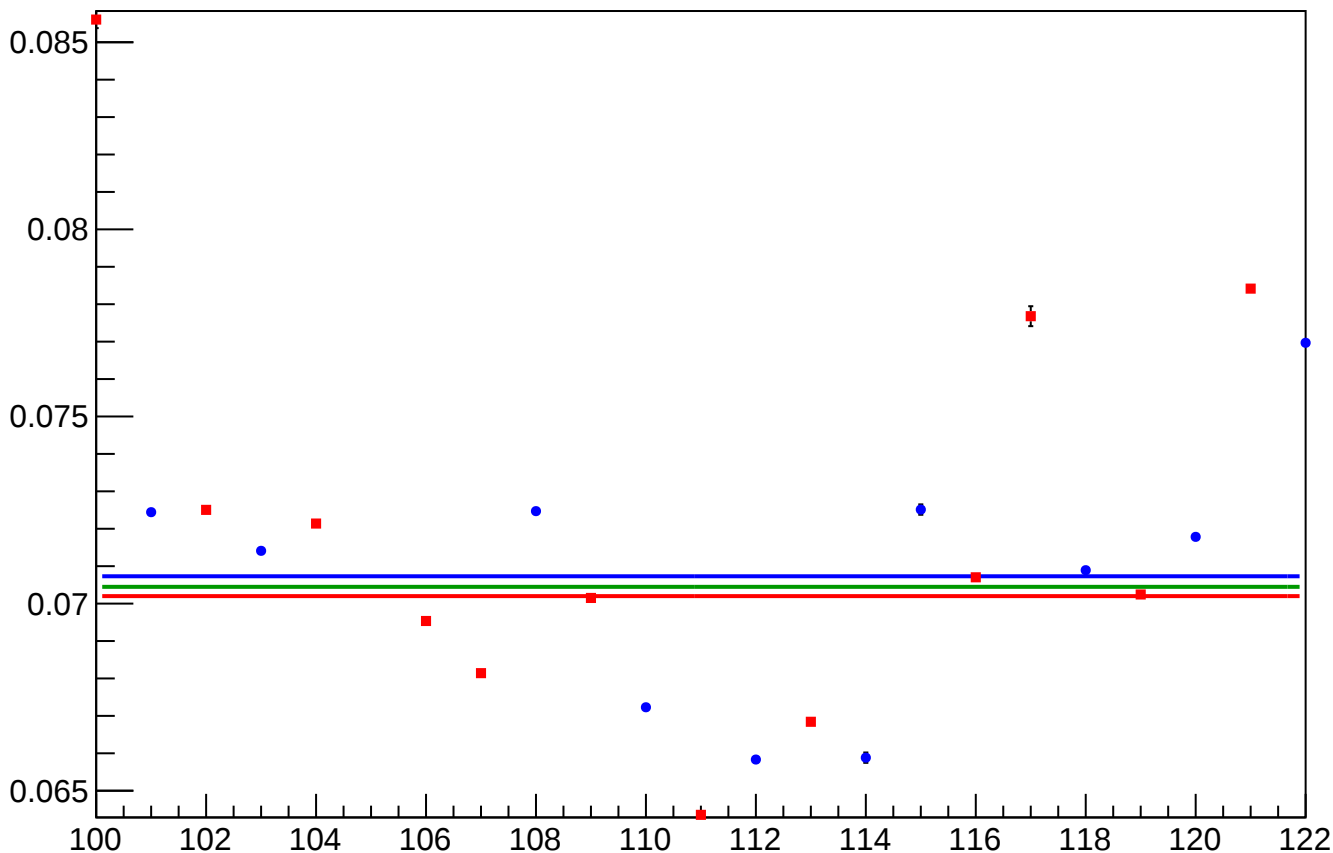
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.919+/-0.000 χ^2/NDF : 796792576.9/9

-1.953+/-0.000 χ^2/NDF : 1447493371.6/2

-1.982+/-0.000 χ^2/NDF : 649097000.7/11

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 15182.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 25304.2/11

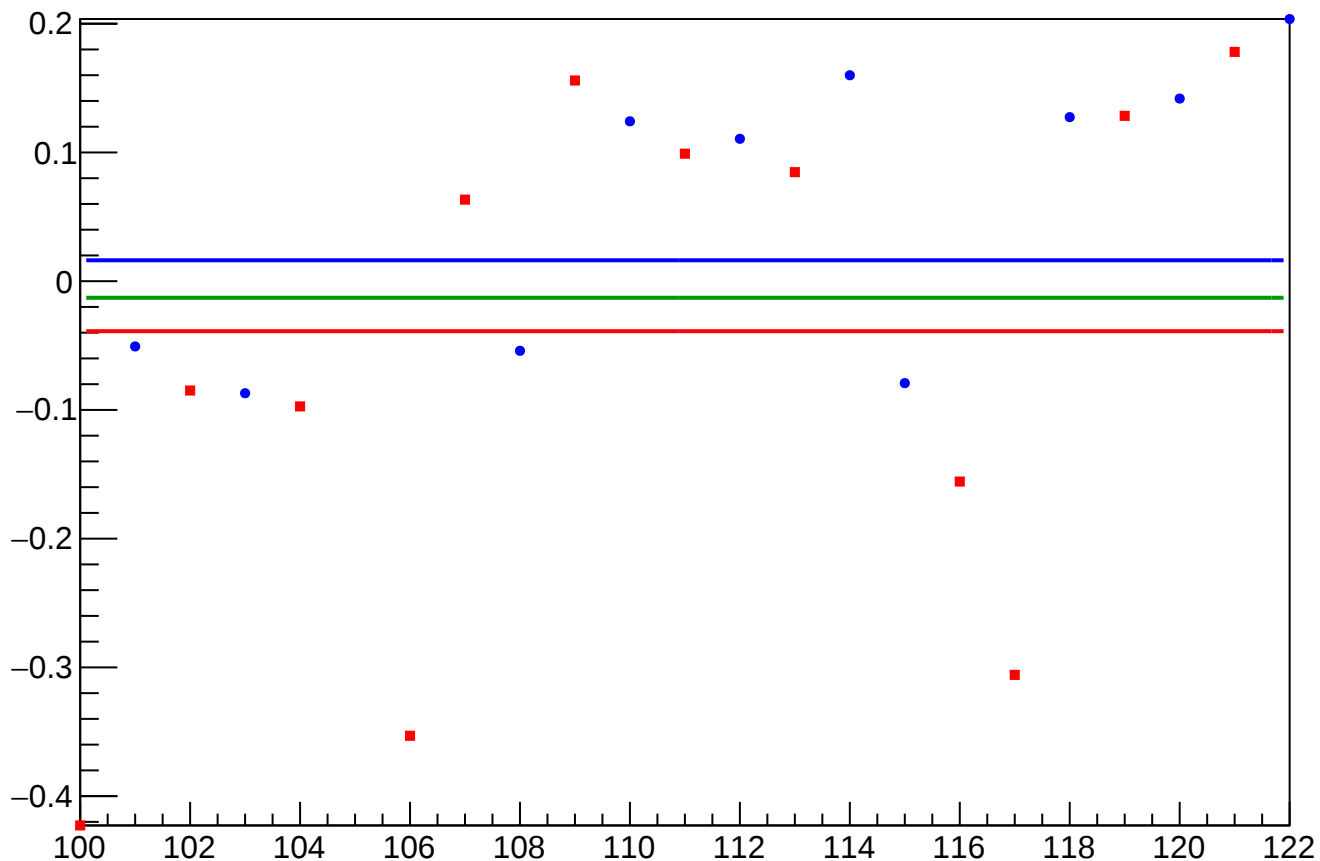
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 15182.8/9

0.070+/-0.000 χ^2/NDF : 40715.6/21

0.070+/-0.000 χ^2/NDF : 25304.2/11

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.000 χ^2 /NDF: 311269433.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.039 $\pm$ 0.000 χ^2 /NDF: 928257422.2/11

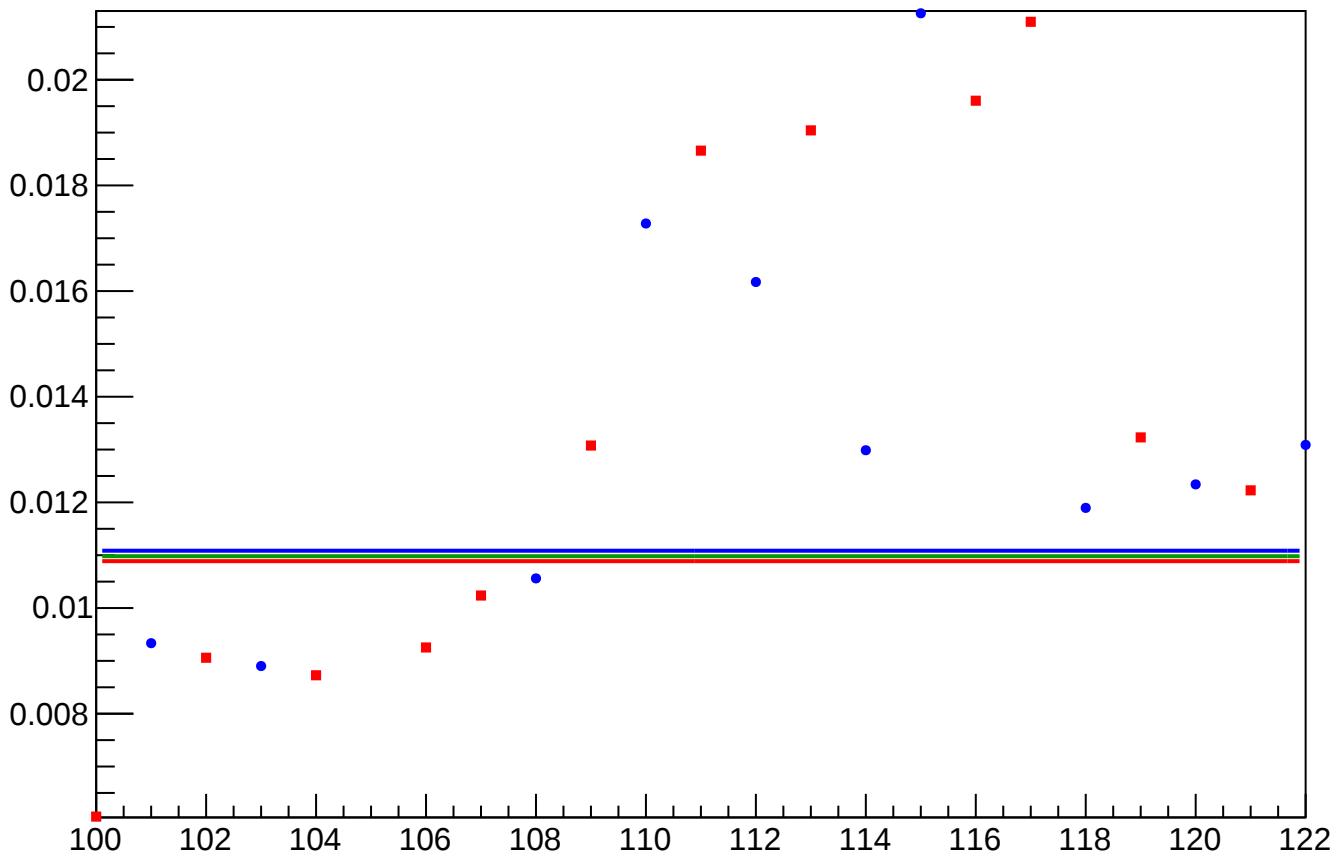
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.016 $\pm$ 0.000 χ^2 /NDF: 311269433.6/9

-0.013 $\pm$ 0.000 χ^2 /NDF: 1283911177.4/2

-0.039 $\pm$ 0.000 χ^2 /NDF: 928257422.2/11

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 356555.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 665619.3/11

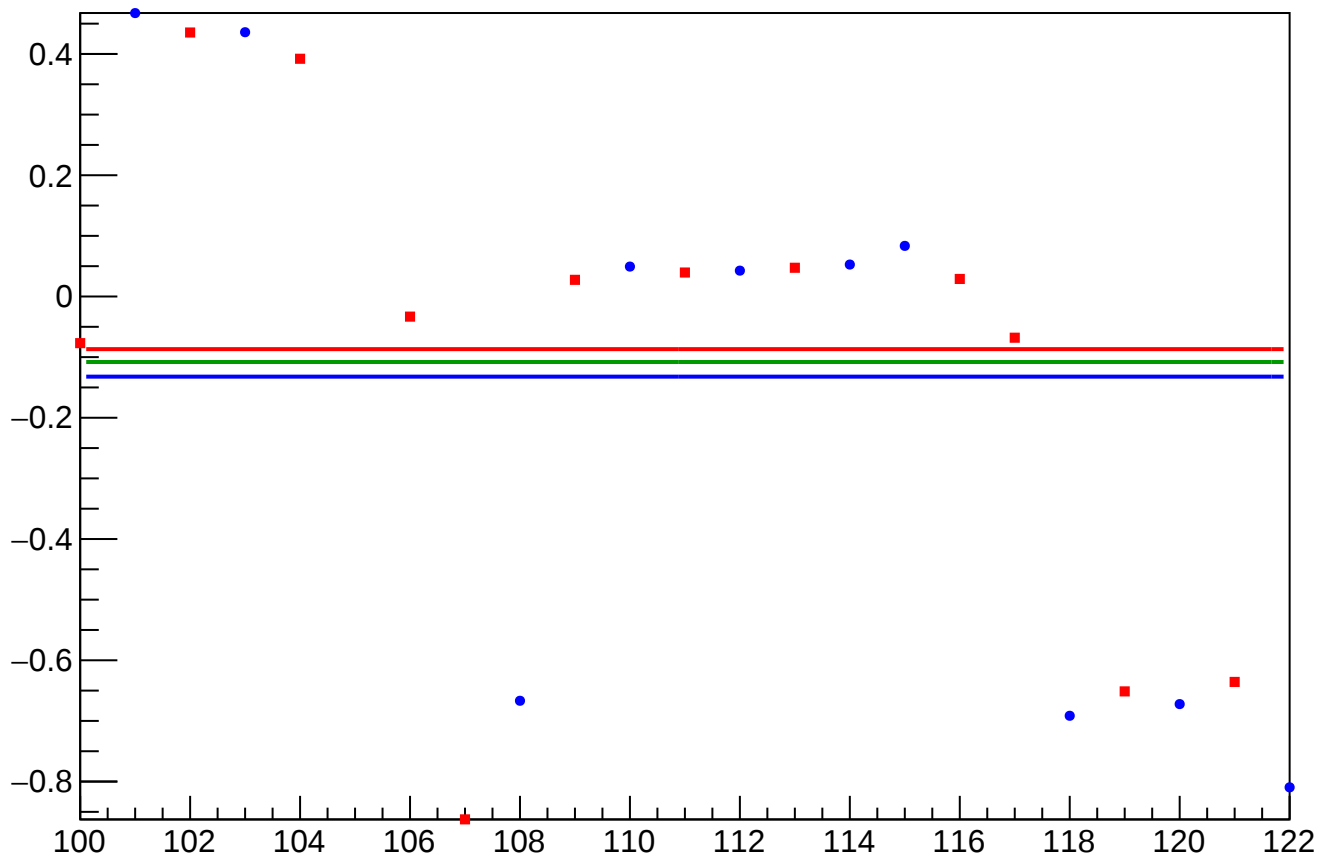
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 356555.1/9

0.011+/-0.000 χ^2/NDF : 1023315.6/21

0.011+/-0.000 χ^2/NDF : 665619.3/11

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.132 ± 0.000 χ^2/NDF : 121506790.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.087 ± 0.000 χ^2/NDF : 97377404.7/11

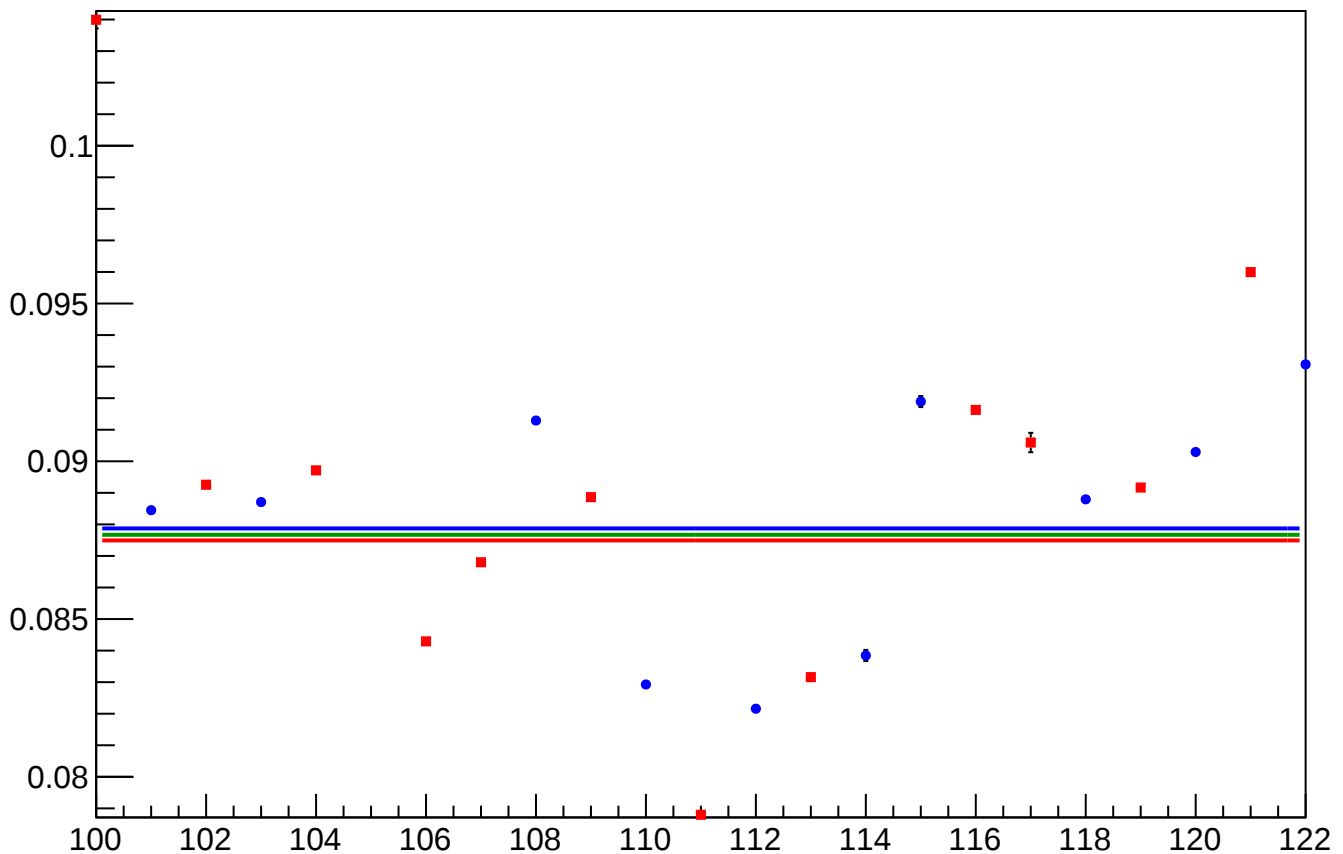
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.132 ± 0.000 χ^2/NDF : 121506790.3/9

-0.108 ± 0.000 χ^2/NDF : 219429198.9/21

-0.087 ± 0.000 χ^2/NDF : 97377404.7/11

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12513.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 26121.2/11

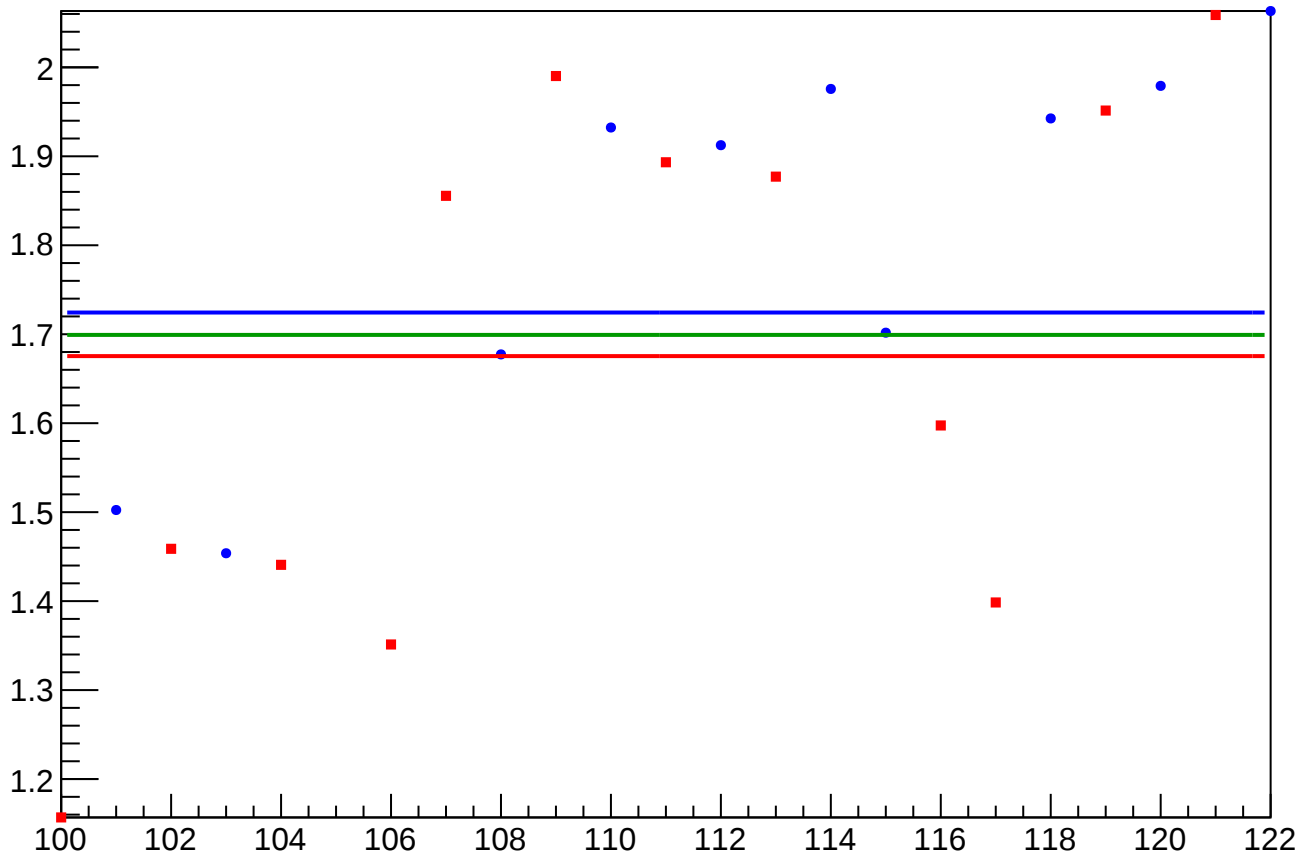
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 12513.3/9

0.088+/-0.000 χ^2/NDF : 38711.1/21

0.087+/-0.000 χ^2/NDF : 26121.2/11

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.724+/-0.000 χ^2/NDF : 823221640.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.675+/-0.000 χ^2/NDF : 1240436053.0/11

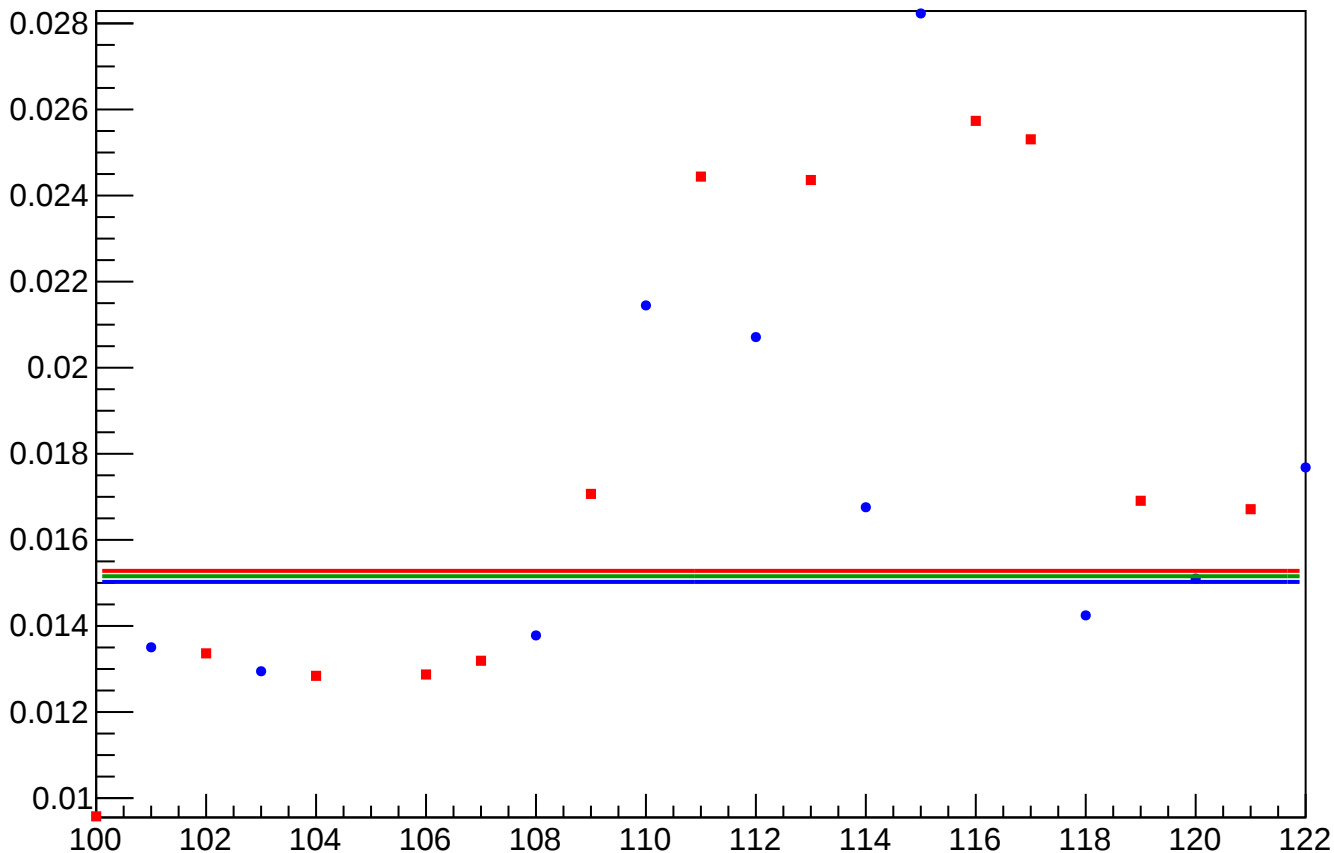
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.724+/-0.000 χ^2/NDF : 823221640.3/9

1.699+/-0.000 χ^2/NDF : 2082494107.1/21

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 : 239758.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 470357.8/11

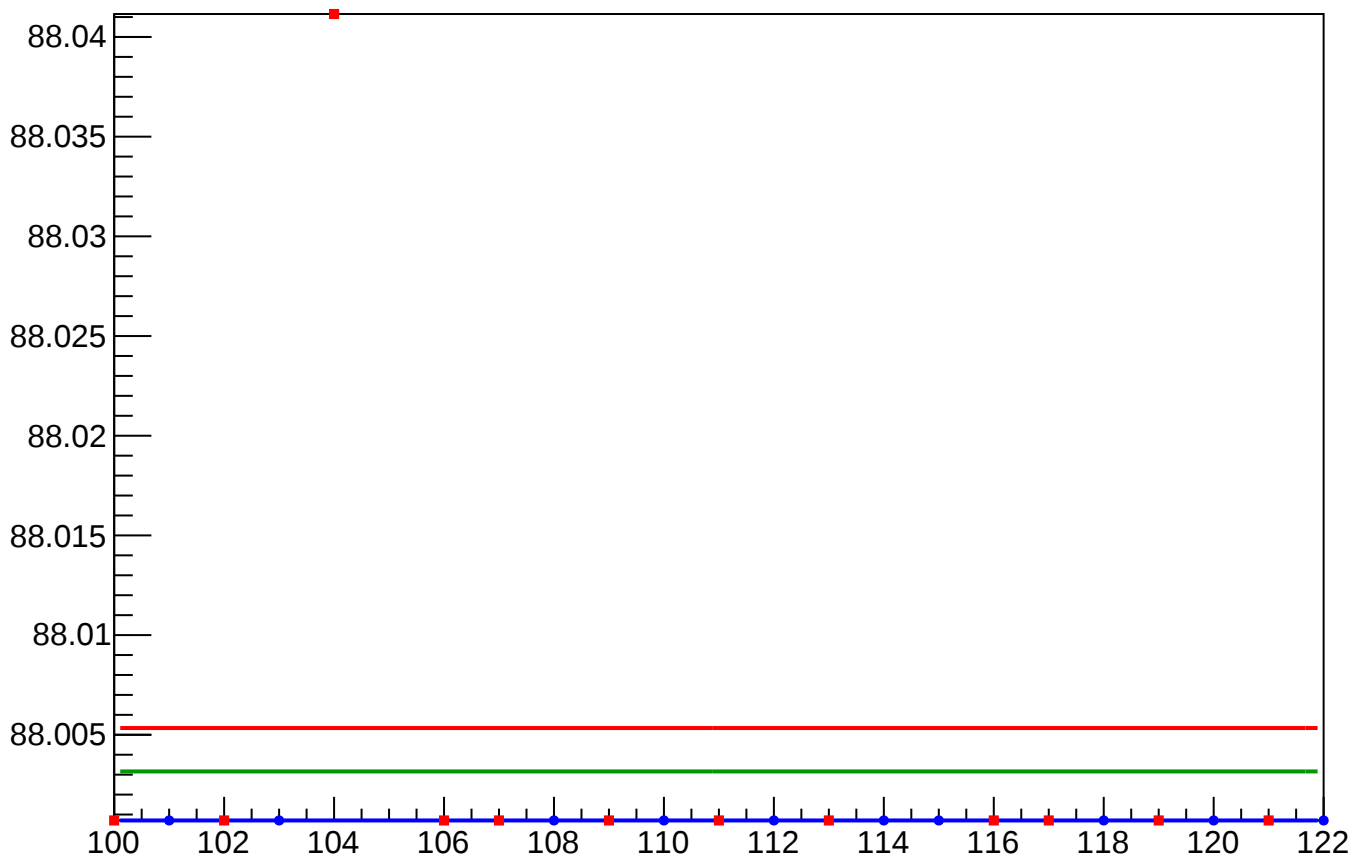
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 239758.6/9

0.015+/-0.000 χ^2/NDF : 711152.1/21

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 : 922904.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.001+/-0.000 χ^2/NDF : 922904.2/9

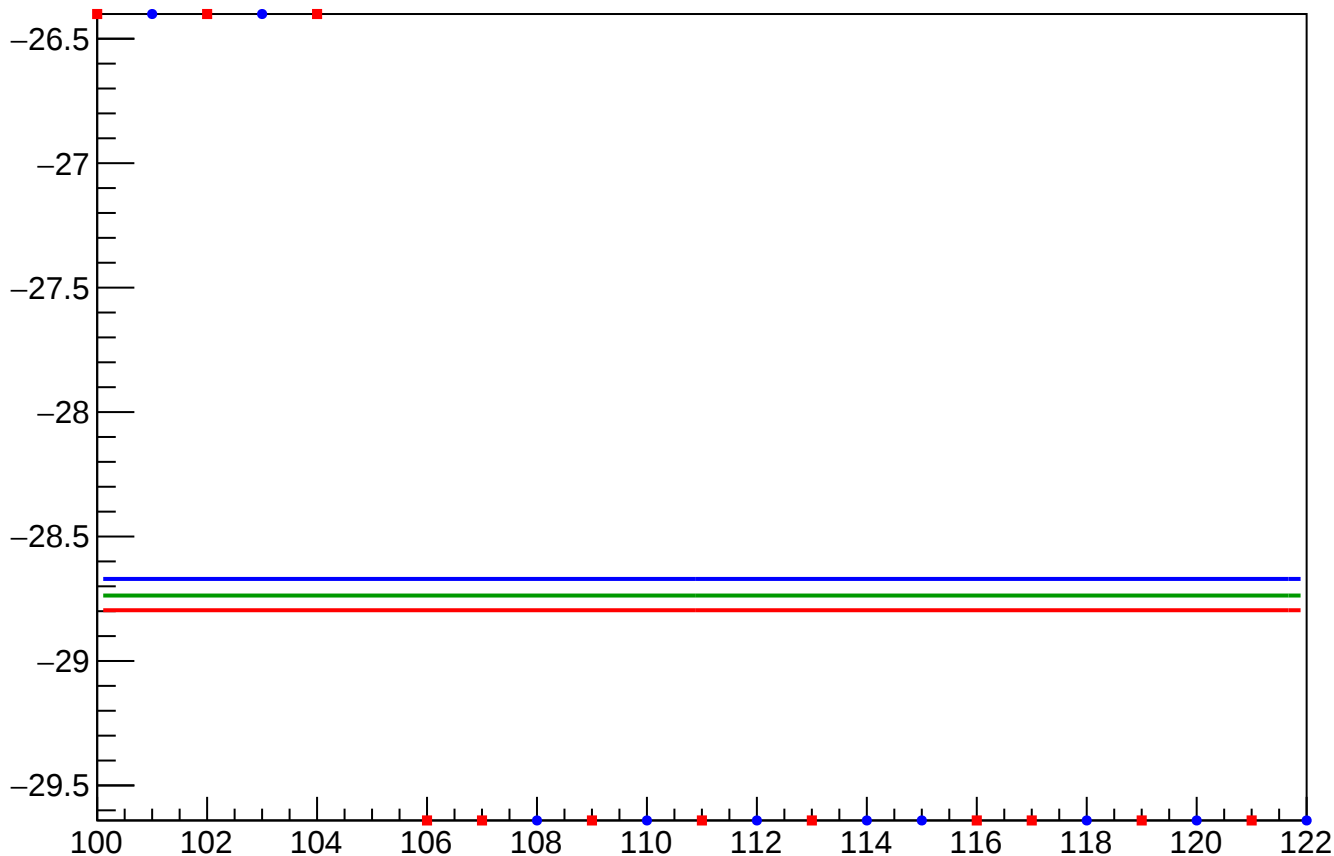
88.003+/-0.000 χ^2/NDF : 7836781438908

Right Out: 88.005+/-0.000 χ^2/NDF : 73877074463397278235146321920.0/11

88.005+/-0.000 χ^2/NDF : 738770744633972782

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -28.670+/-0.000 χ^2/NDF : 867730550253823821963383491526656.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.796+/-0.000 χ^2/NDF : 900293048089892749953162918494208.0/11

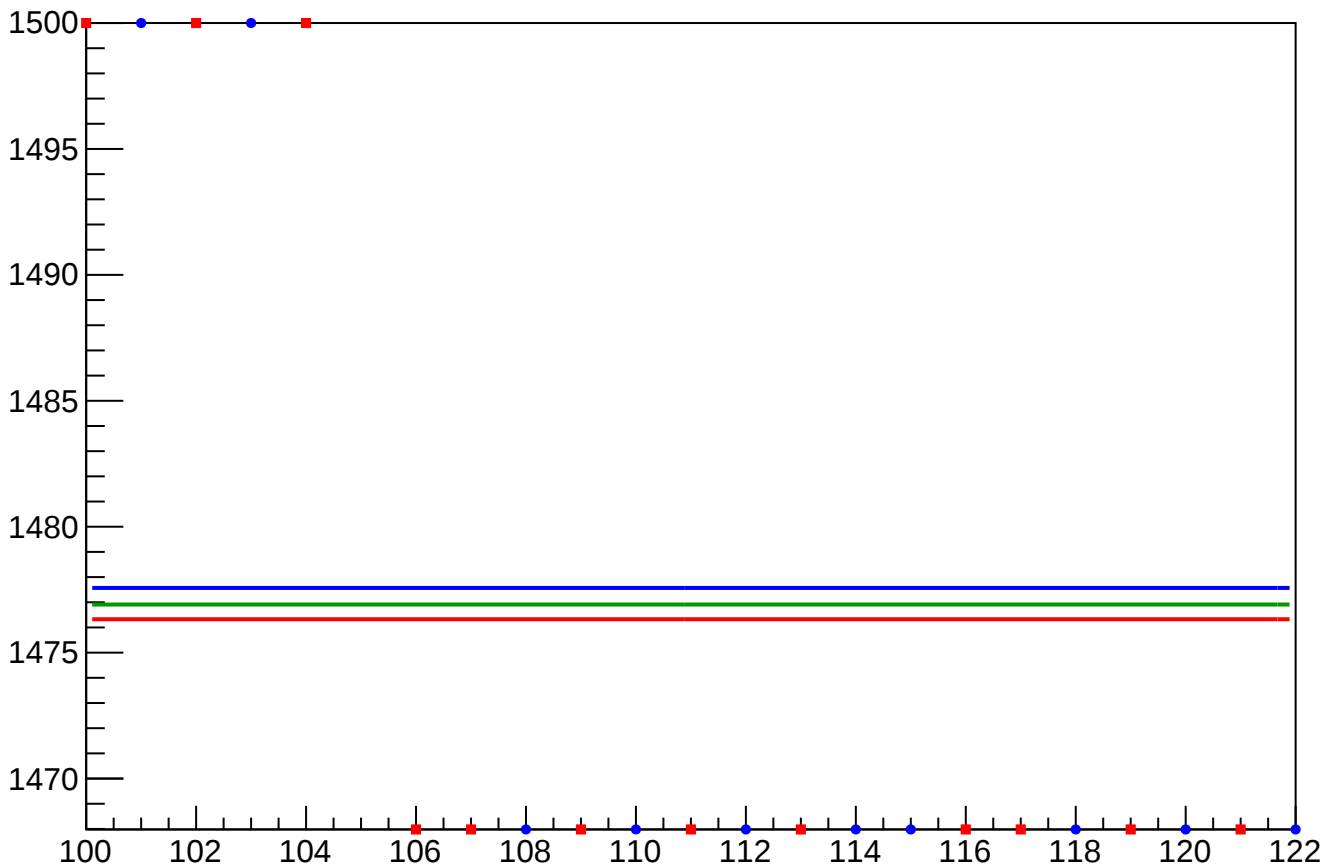
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.670+/-0.000 χ^2/NDF : 86773055025382382

-28.737+/-0.000 χ^2/NDF : 1771329239570

-28.796+/-0.000 χ^2/NDF : 90029304808989274

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1477.569+/-0.000 χ^2/NDF : 84757017978554254324222581836611584.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.326+/-0.000 χ^2/NDF : 87937613860207816070335143740440576.0/11

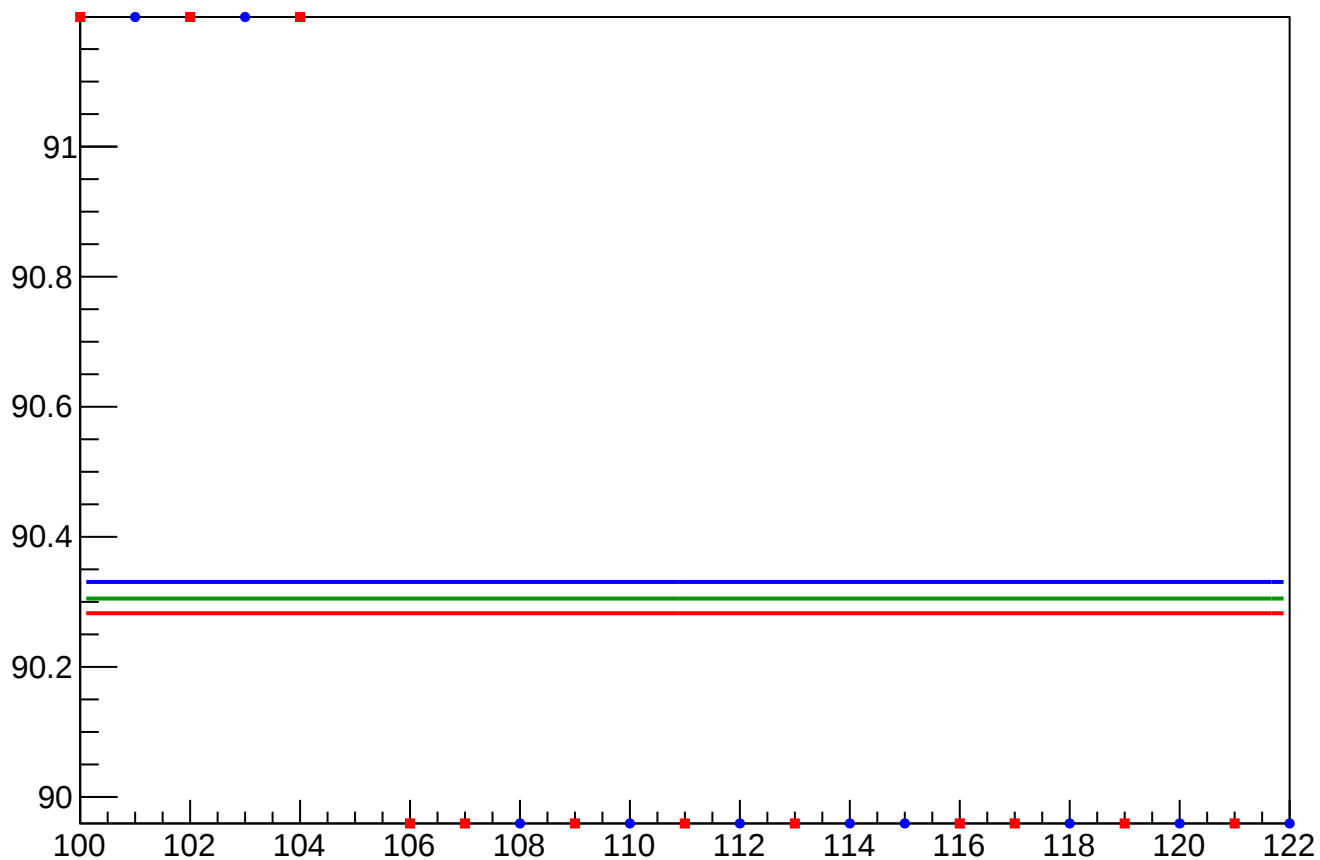
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1477.569+/-0.000 χ^2/NDF : 8475701797855425

1476.910+/-0.000 χ^2/NDF : 17301751581

1476.326+/-0.000 χ^2/NDF : 8793761386020781

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.331+/-0.000 χ^2/NDF : 127097859898497296531122921930752.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.283+/-0.000 χ^2/NDF : 131867340224747446590722912813056.0/11

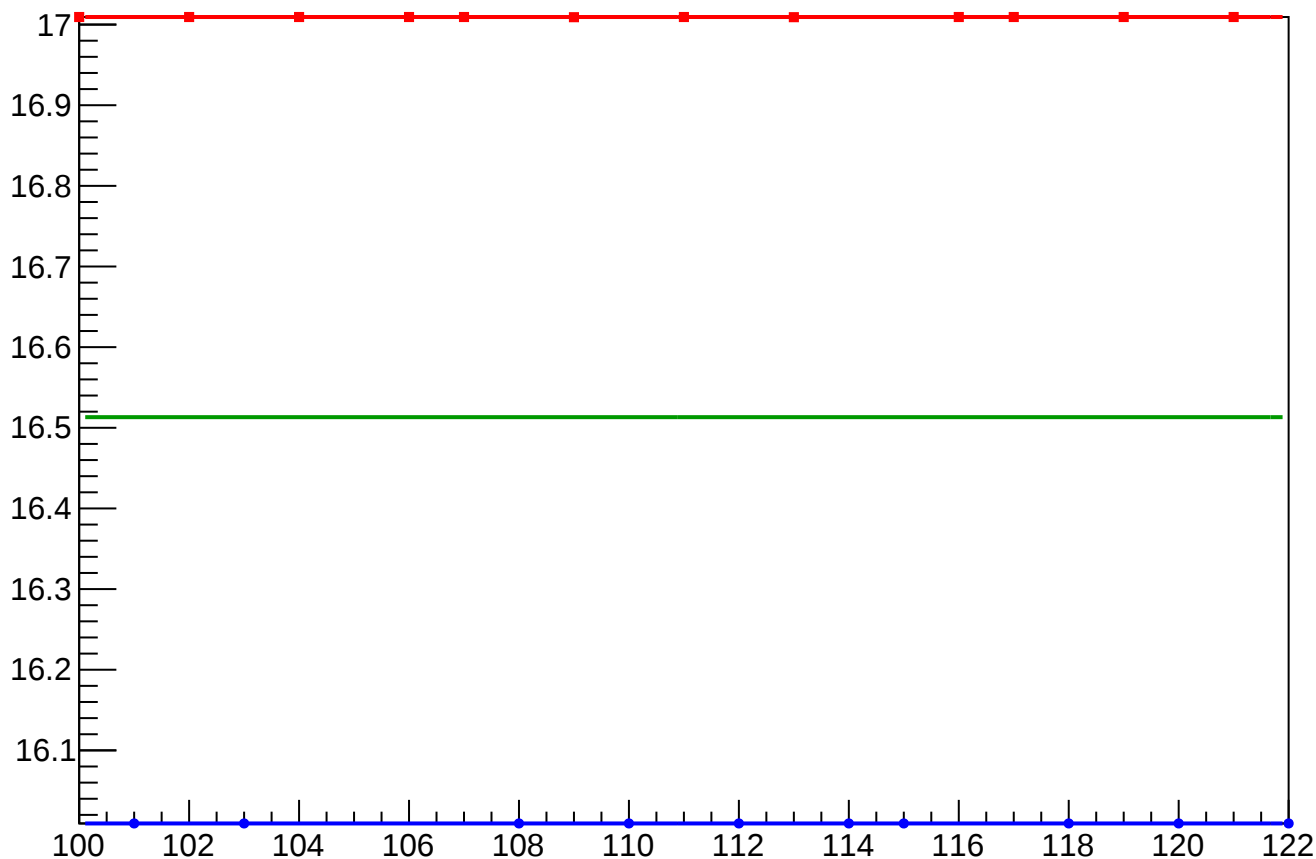
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.331+/-0.000 χ^2/NDF : 127097859898497296531122921930752.0/9

90.305+/-0.000 χ^2/NDF : 2594493825983

90.283+/-0.000 χ^2/NDF : 131867340224747446590722912813056.0/11

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2 /NDF: 24334.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 17.009+/-0.000 χ^2 /NDF: 3249577088689104530440192.0/11

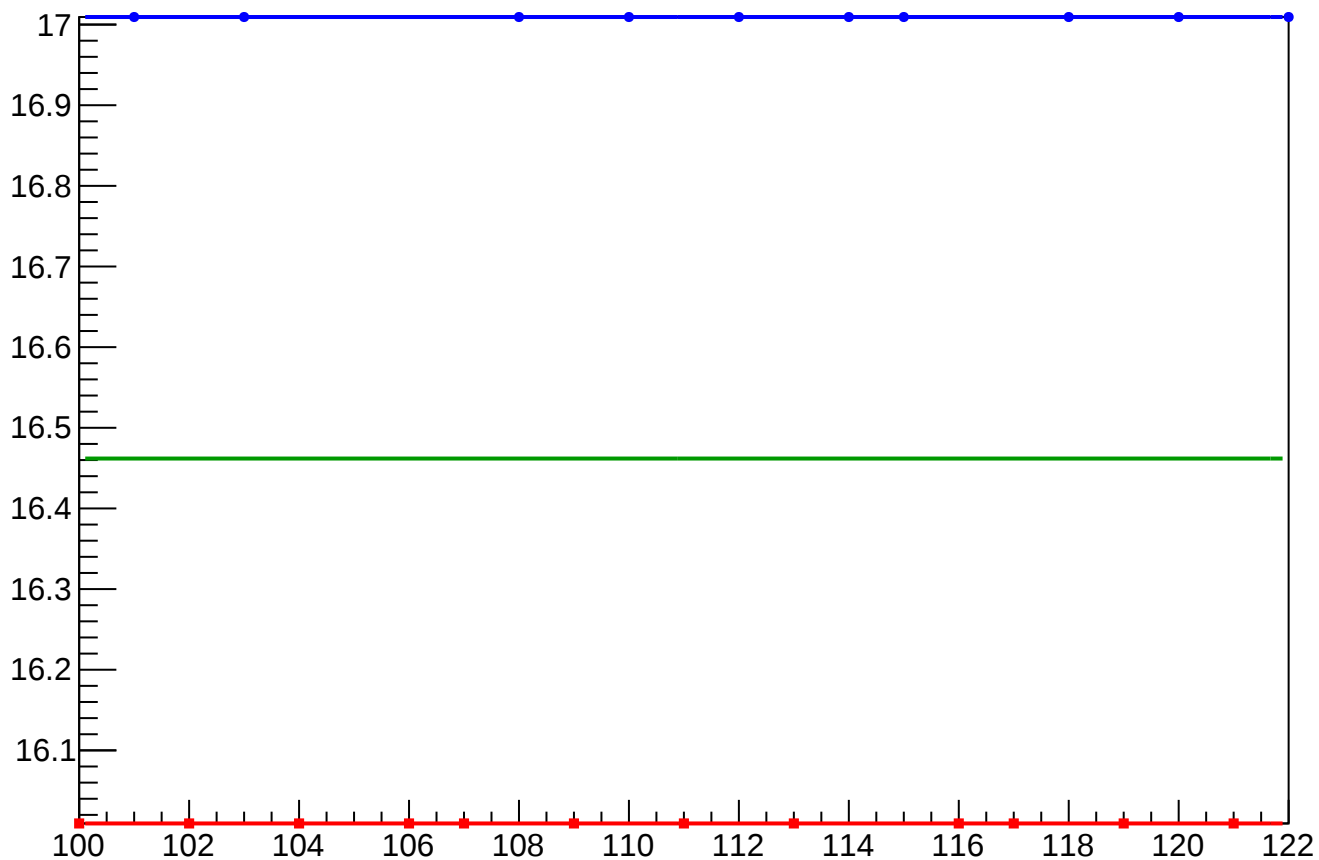
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.009+/-0.000 χ^2 /NDF: 24334.8/9

16.513+/-0.000 χ^2 /NDF: 1954698886027

17.009+/-0.000 χ^2 /NDF: 3249577088689104530440192.0/11

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 25634.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 13442.2/11

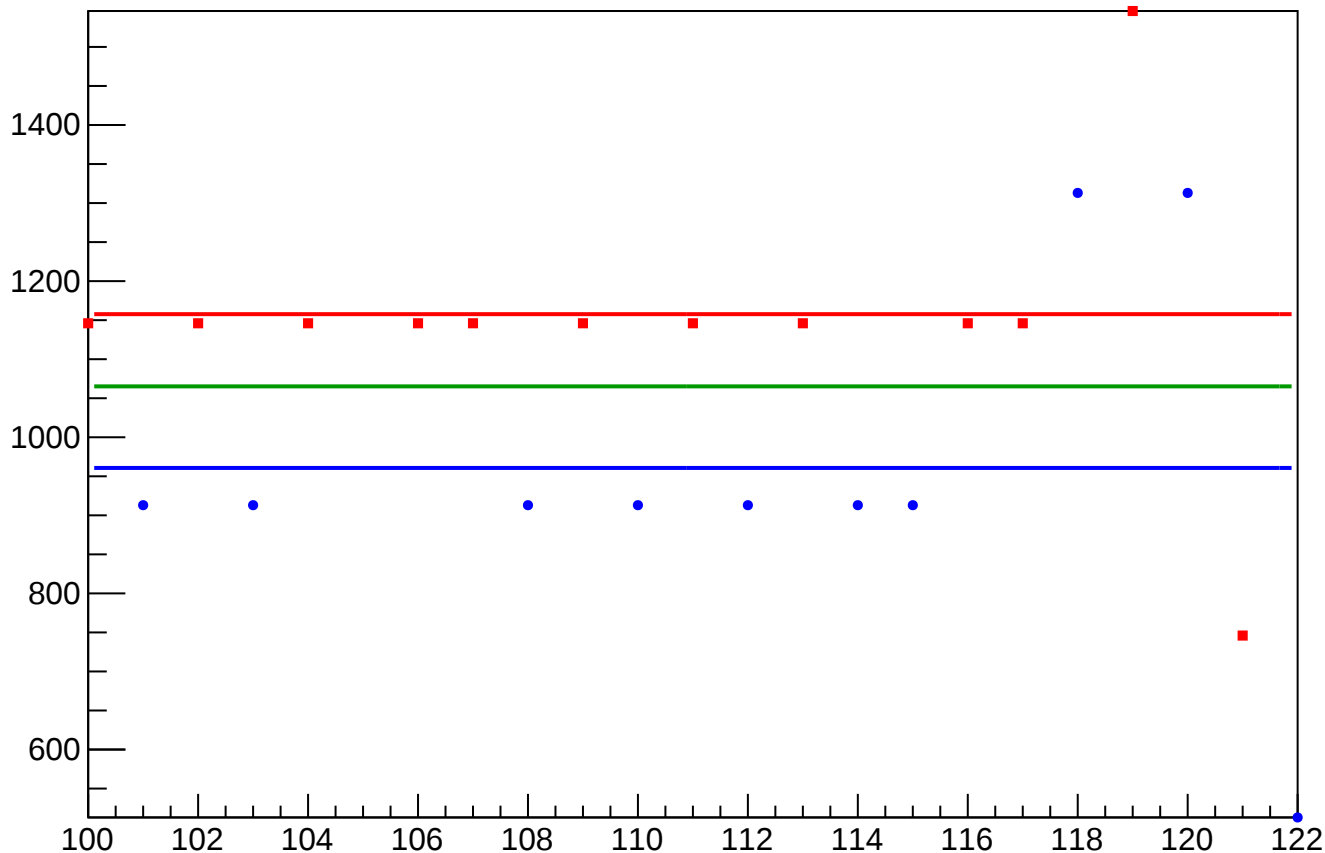
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 25634.8/9

16.462 $\pm$ 0.000 χ^2 /NDF: 1981949999999

16.009 $\pm$ 0.000 χ^2 /NDF: 13442.2/11

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 960.713+/-0.000 χ^2/NDF : 19744179215405967592068808535791632384.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.694+/-0.000 χ^2/NDF : 14499904550995945327996100459743936512.0/11

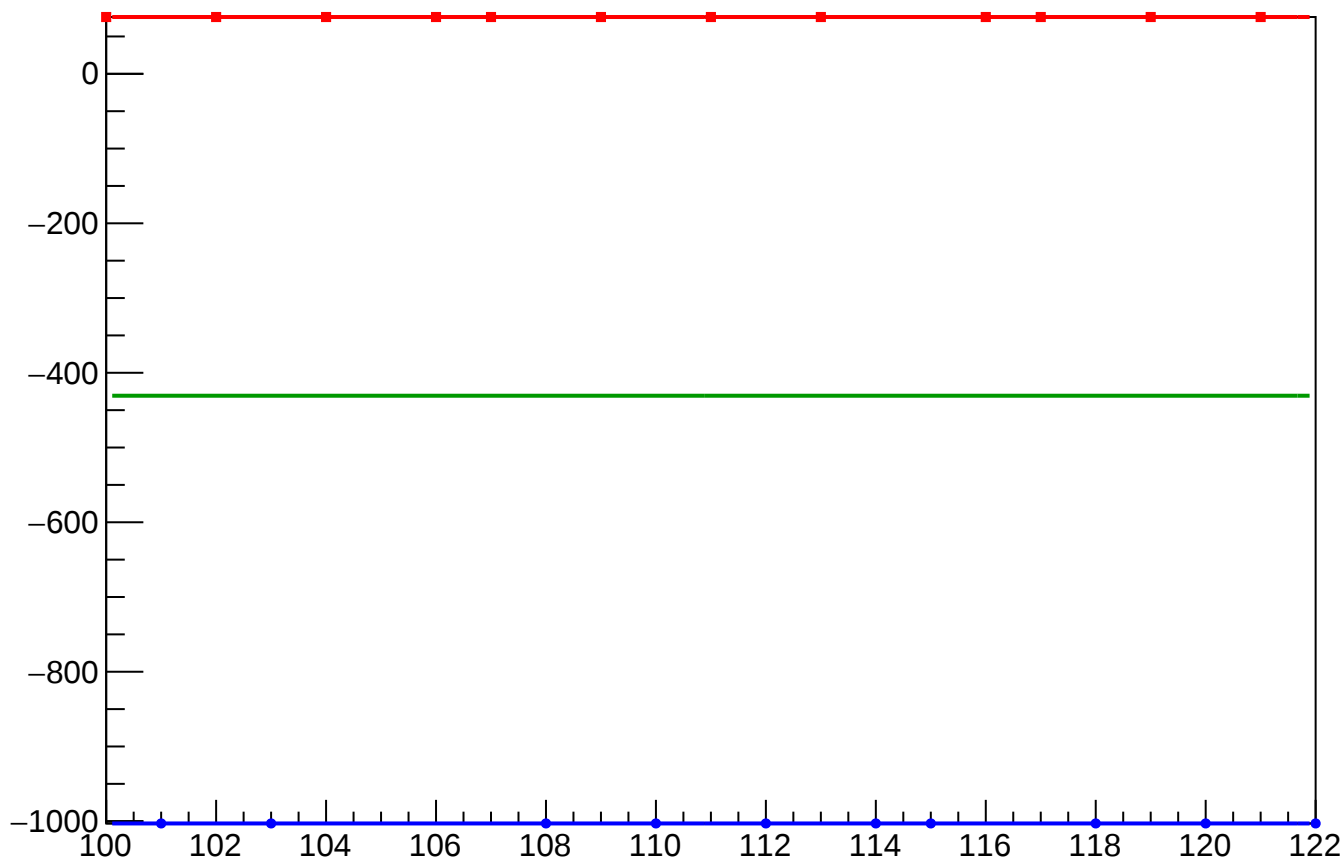
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

960.713+/-0.000 χ^2/NDF : 19744179215405967

1065.190+/-0.000 χ^2/NDF : 42352597360

1157.694+/-0.000 χ^2/NDF : 1449990455099594

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1002.990+/-0.000 χ^2/NDF : 1511076090795266073557991424.0/9

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

-1002.990+/-0.000 χ^2/NDF : 1511076090795266073557991424.0/9

-430.695+/-0.000 χ^2/NDF : 24329706373.0/11

76.010+/-0.000 χ^2/NDF : 1307553052637758384305602560.0/11