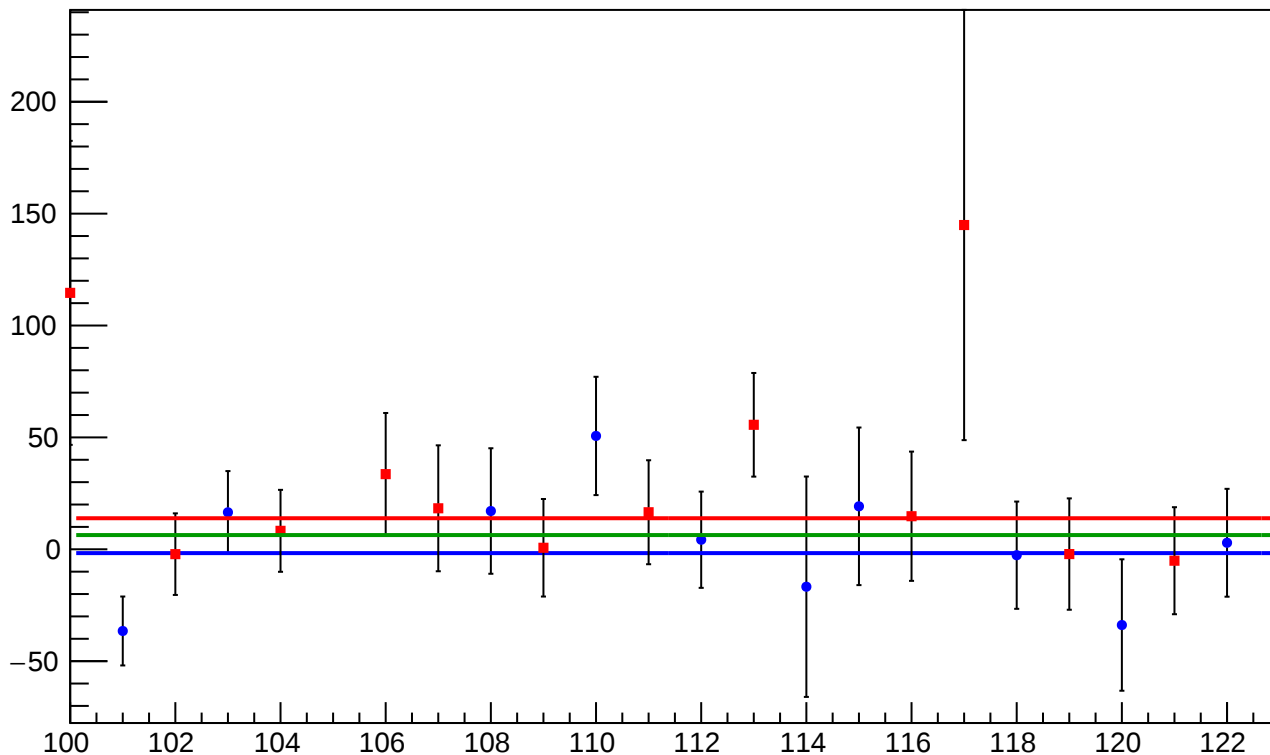


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.712±7.454

χ^2 /NDF: 12.2/10

Left Out: 0.000±0.000

χ^2 /NDF: 0.0/0

Right Out: 13.874±7.198

χ^2 /NDF: 10.1/11

Left In: 0.000±0.000

χ^2 /NDF: 0.0/0

-1.712±7.454

χ^2 /NDF: 12.2/10

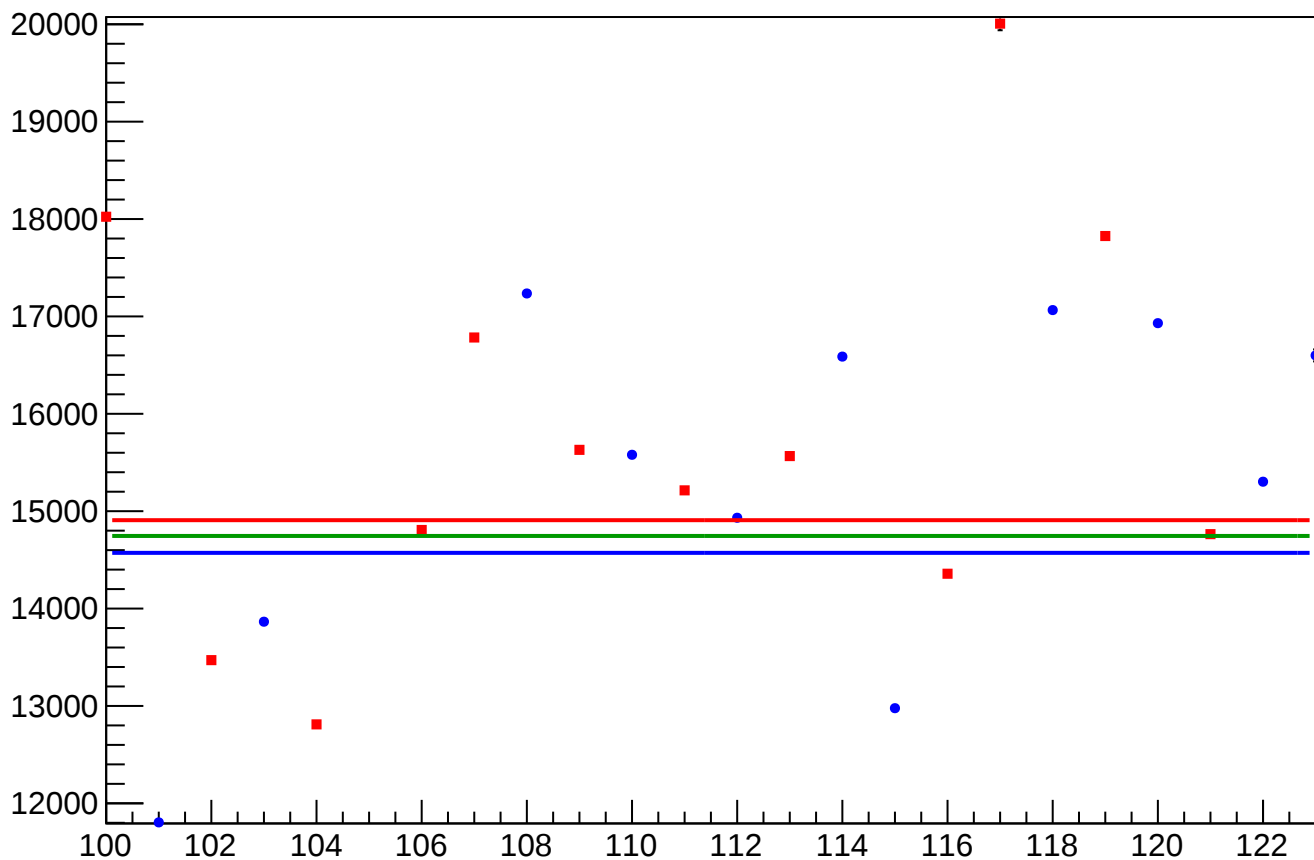
6.354±5.178

χ^2 /NDF: 24.6/22

13.874±7.198

χ^2 /NDF: 10.1/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14572.107+/-5.271 χ^2/NDF : 133951.8/10

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

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

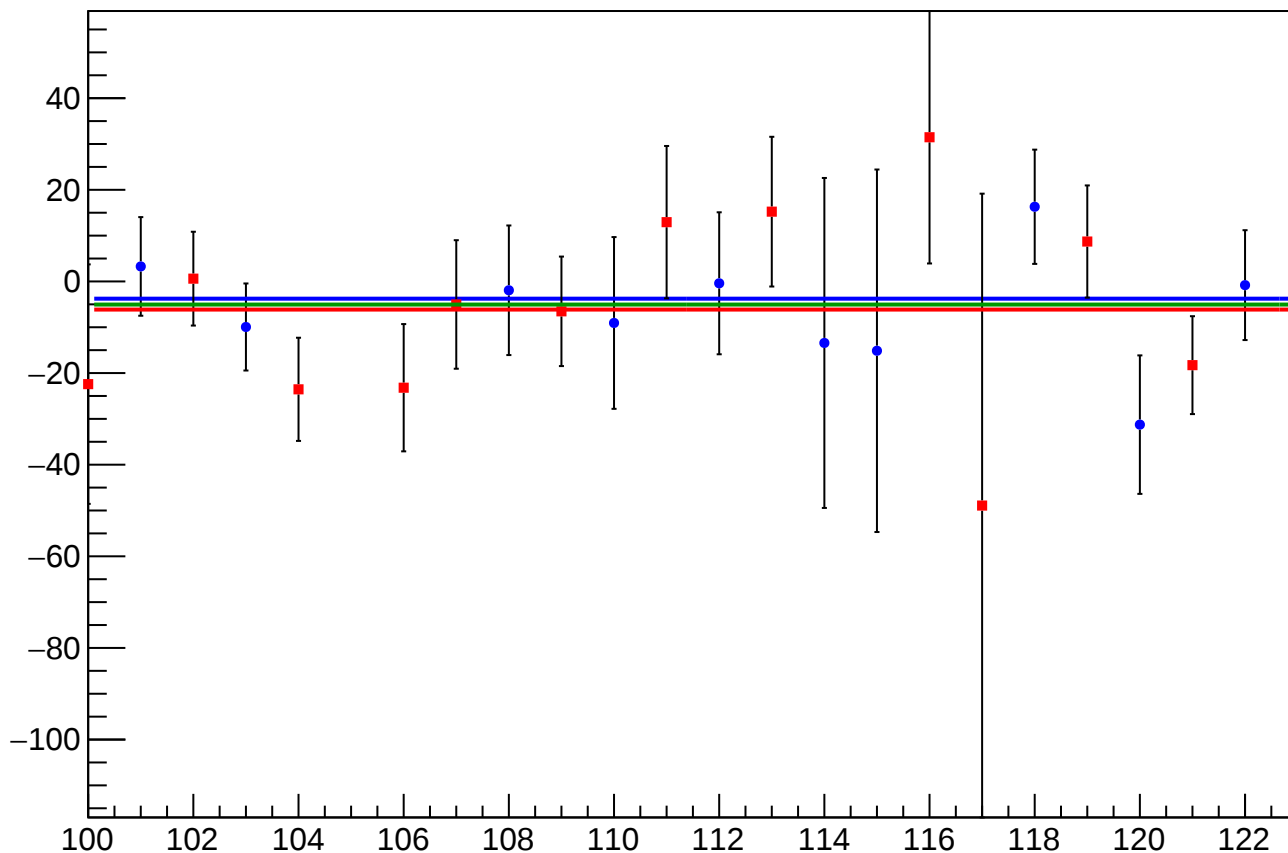
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14572.107+/-5.271 χ^2/NDF : 133951.8/10

14745.708+/-3.661 χ^2/NDF : 225913.2/22

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

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.762+/-4.409 χ^2 /NDF: 7.5/10

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

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

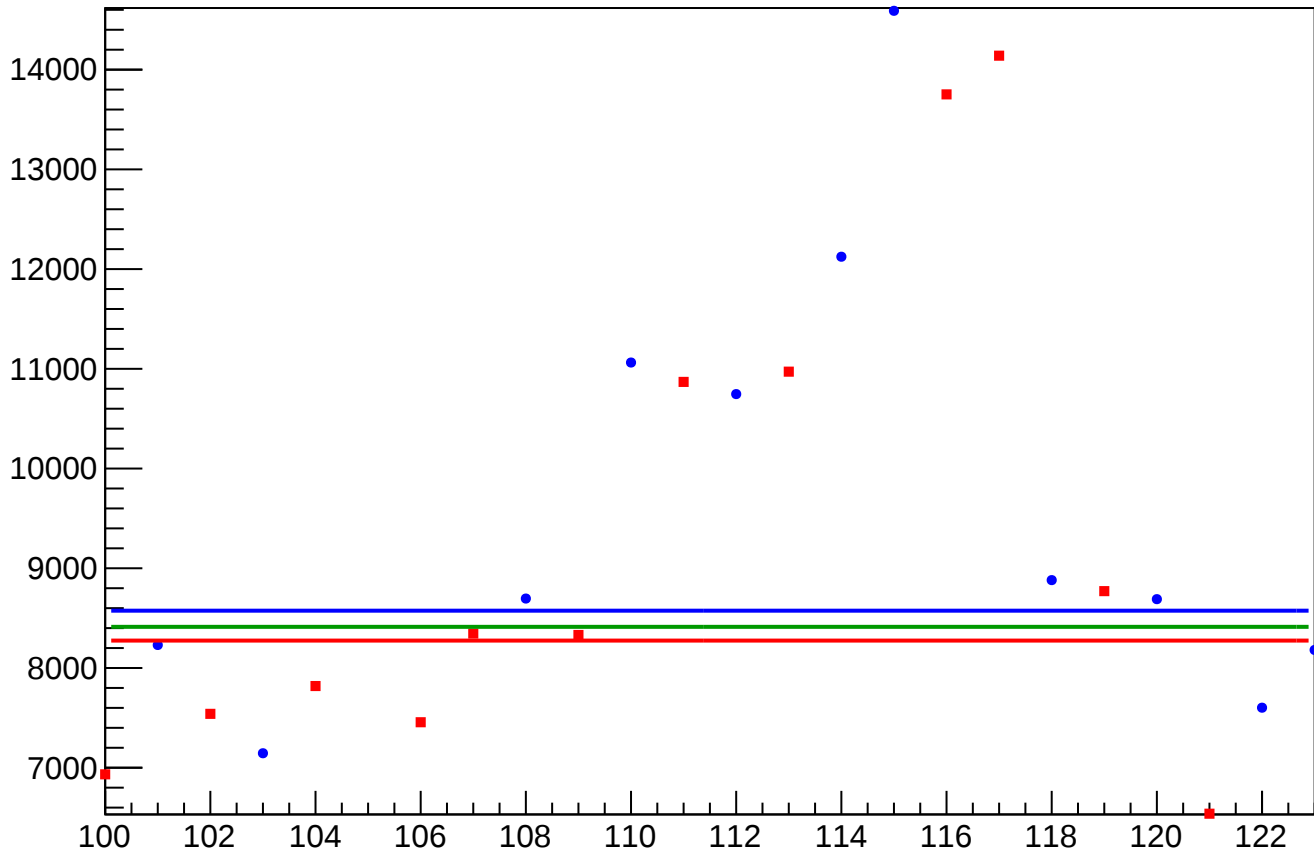
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.762+/-4.409 χ^2 /NDF: 7.5/10

-5.048+/-2.989 χ^2 /NDF: 20.4/22

-6.142+/-4.066 χ^2 /NDF: 12.8/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8574.749+/-3.118 χ^2/NDF : 202330.5/10

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

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

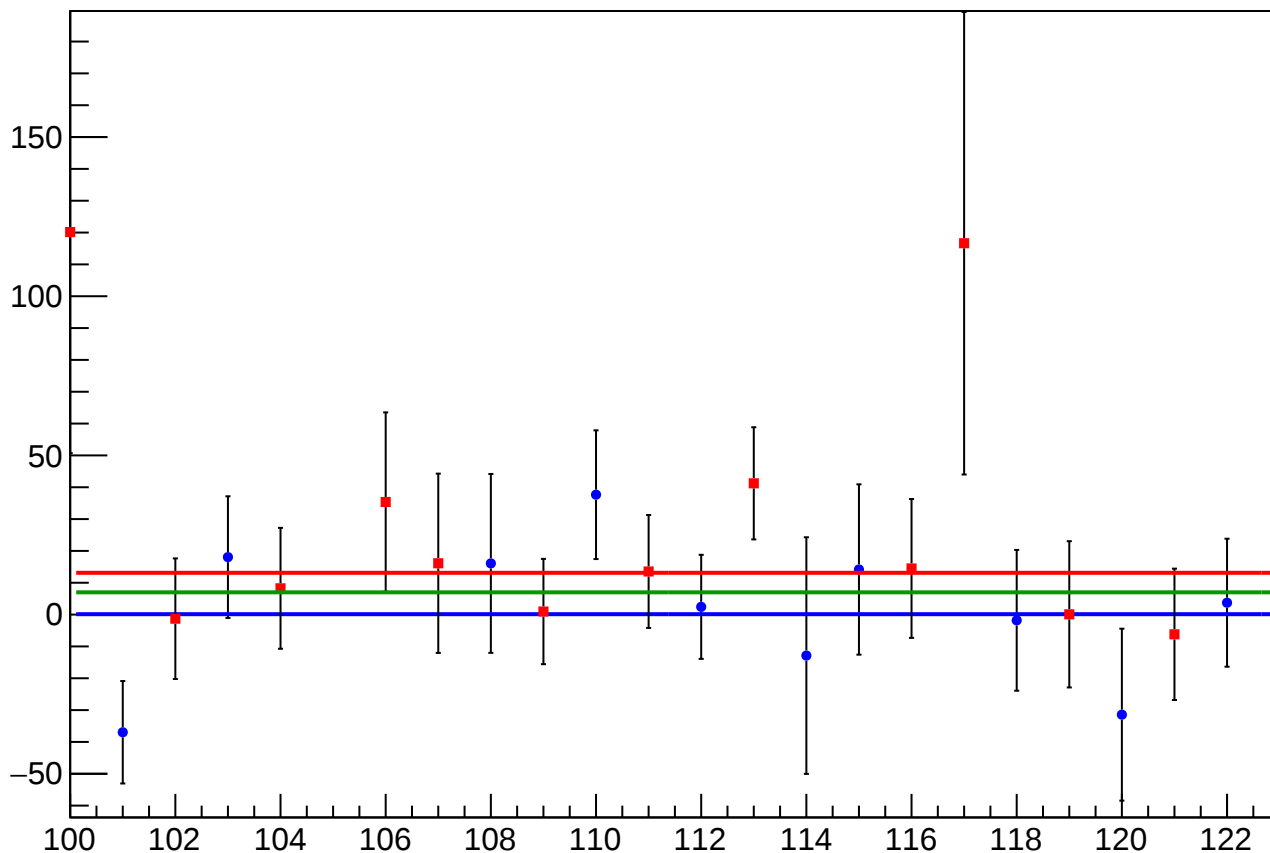
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8574.749+/-3.118 χ^2/NDF : 202330.5/10

8412.717+/-2.114 χ^2/NDF : 486282.9/22

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

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.127+/-6.702 χ^2/NDF : 11.8/10

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

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

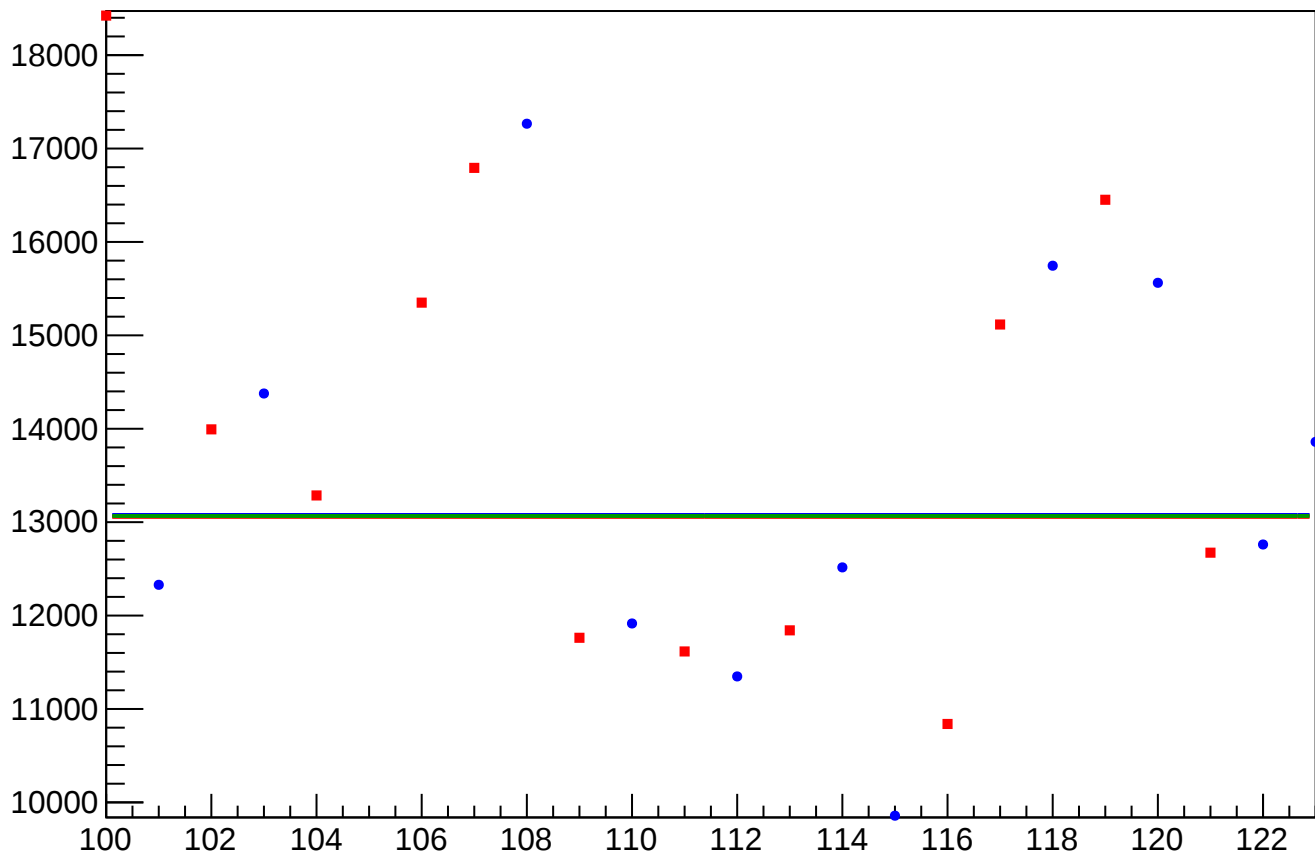
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.127+/-6.702 χ^2/NDF : 11.8/10

6.989+/-4.606 χ^2/NDF : 23.8/22

13.129+/-6.339 χ^2/NDF : 10.0/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13076.663 $\pm$ 4.739 χ^2 /NDF: 163233.0/10

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

Right Out: 13057.030 $\pm$ 4.483 χ^2 /NDF: 167247.4/11

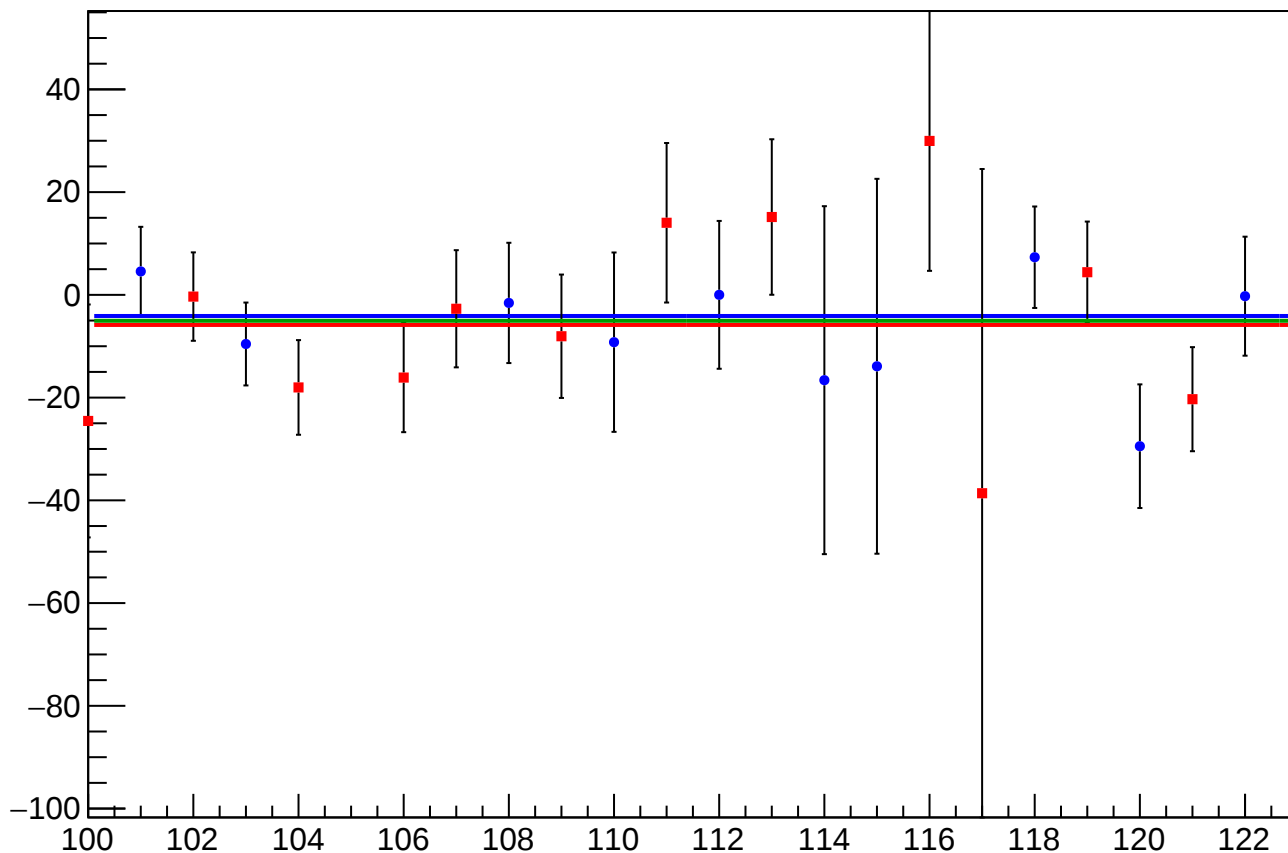
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

13076.663 $\pm$ 4.739 χ^2 /NDF: 163233.0/10

13066.301 $\pm$ 3.257 χ^2 /NDF: 330489.4/22

13057.030 $\pm$ 4.483 χ^2 /NDF: 167247.4/11

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.111+/-3.757 χ^2/NDF : 7.8/10

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

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

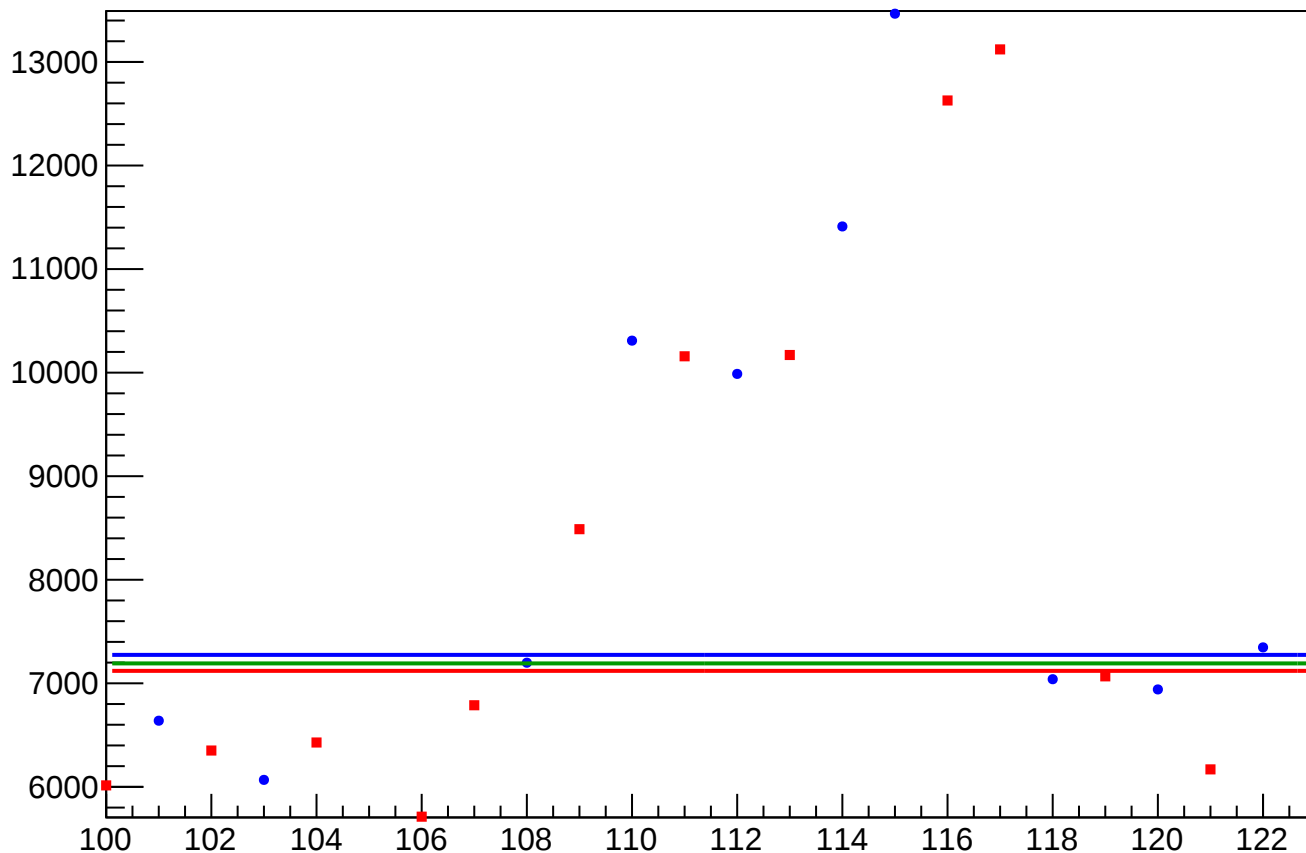
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.111+/-3.757 χ^2/NDF : 7.8/10

-5.042+/-2.566 χ^2/NDF : 20.8/22

-5.857+/-3.512 χ^2/NDF : 12.8/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7274.587+/-2.656 χ^2/NDF : 277811.3/10

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

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

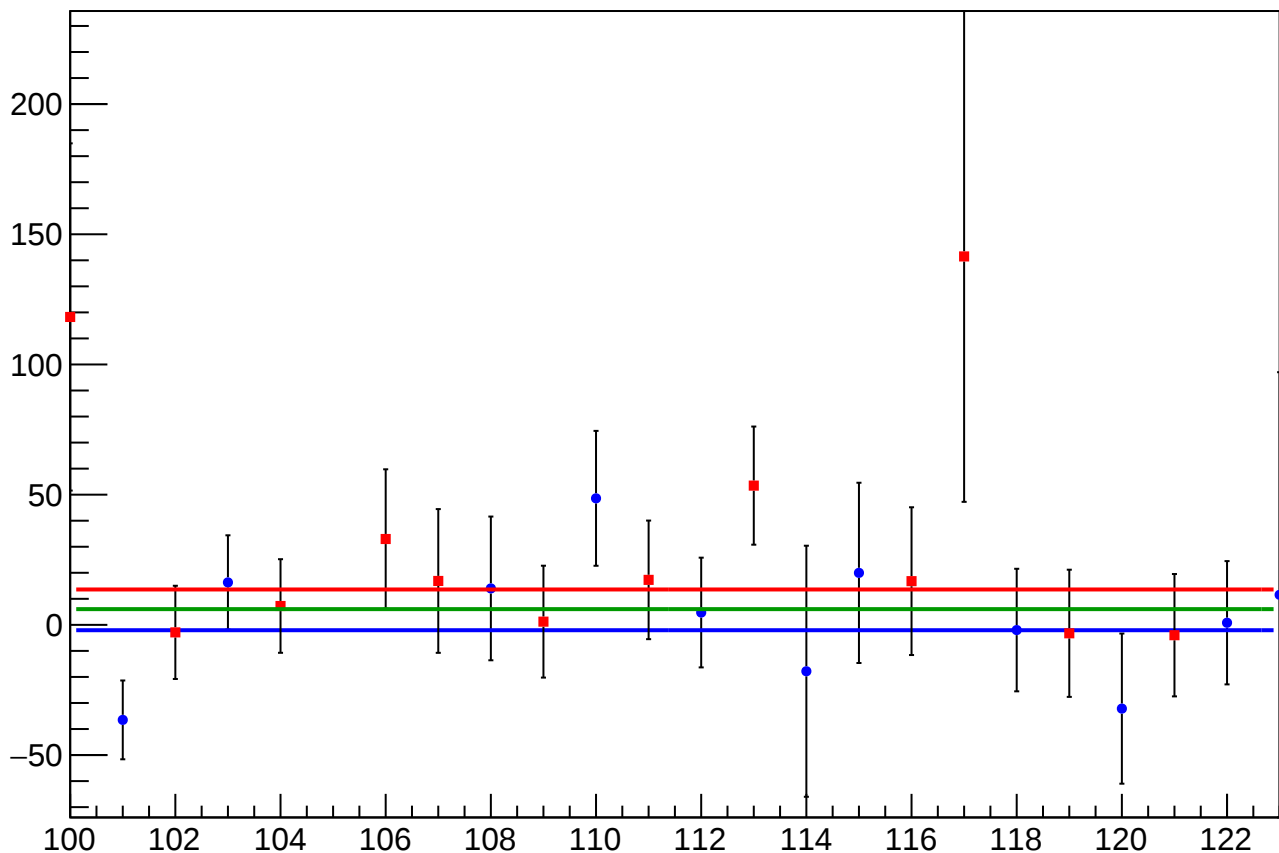
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7274.587+/-2.656 χ^2/NDF : 277811.3/10

7192.209+/-1.814 χ^2/NDF : 662767.7/22

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

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.056+/-7.318 χ^2/NDF : 12.1/10

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

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

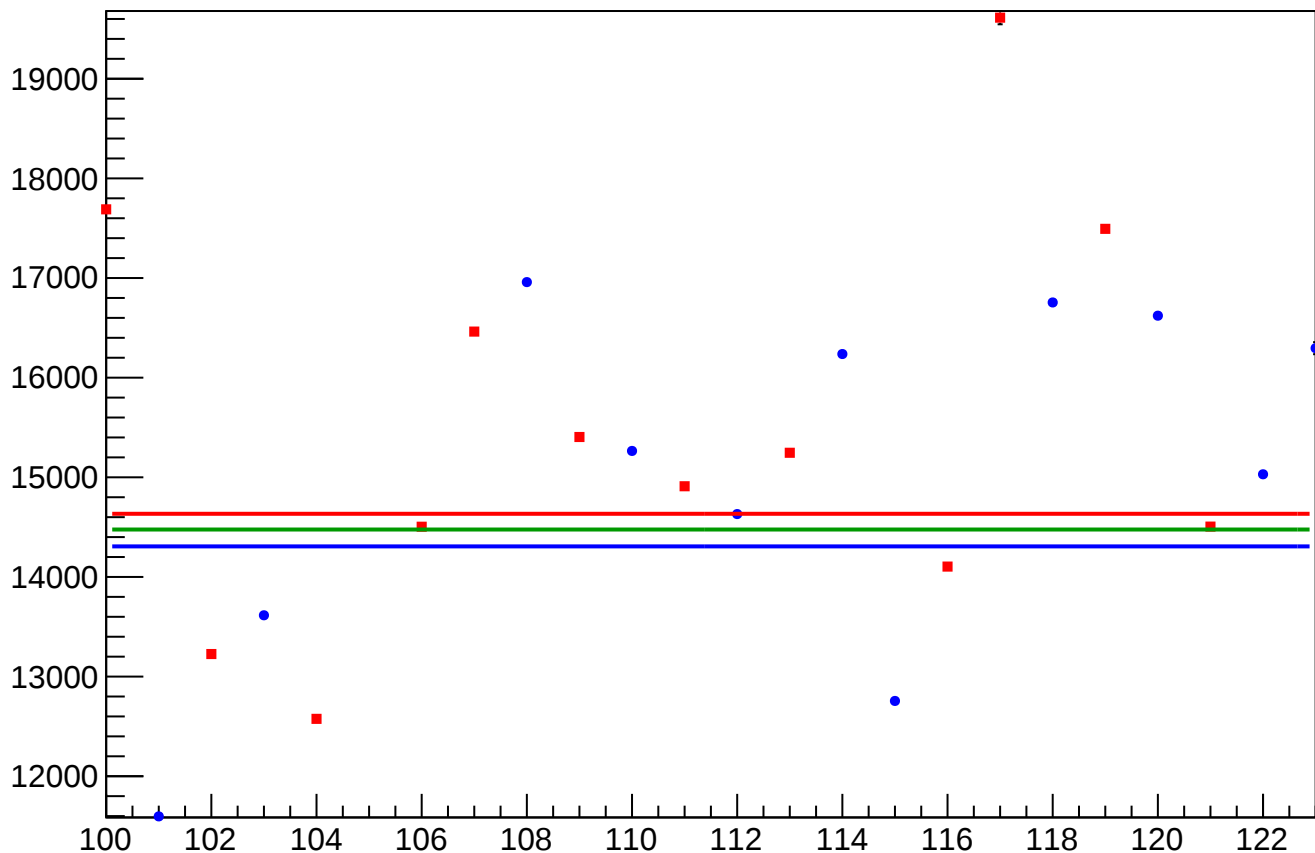
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.056+/-7.318 χ^2/NDF : 12.1/10

6.042+/-5.083 χ^2/NDF : 24.8/22

13.591+/-7.066 χ^2/NDF : 10.3/11

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14306.657+/-5.175 χ^2/NDF : 133463.7/10

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

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

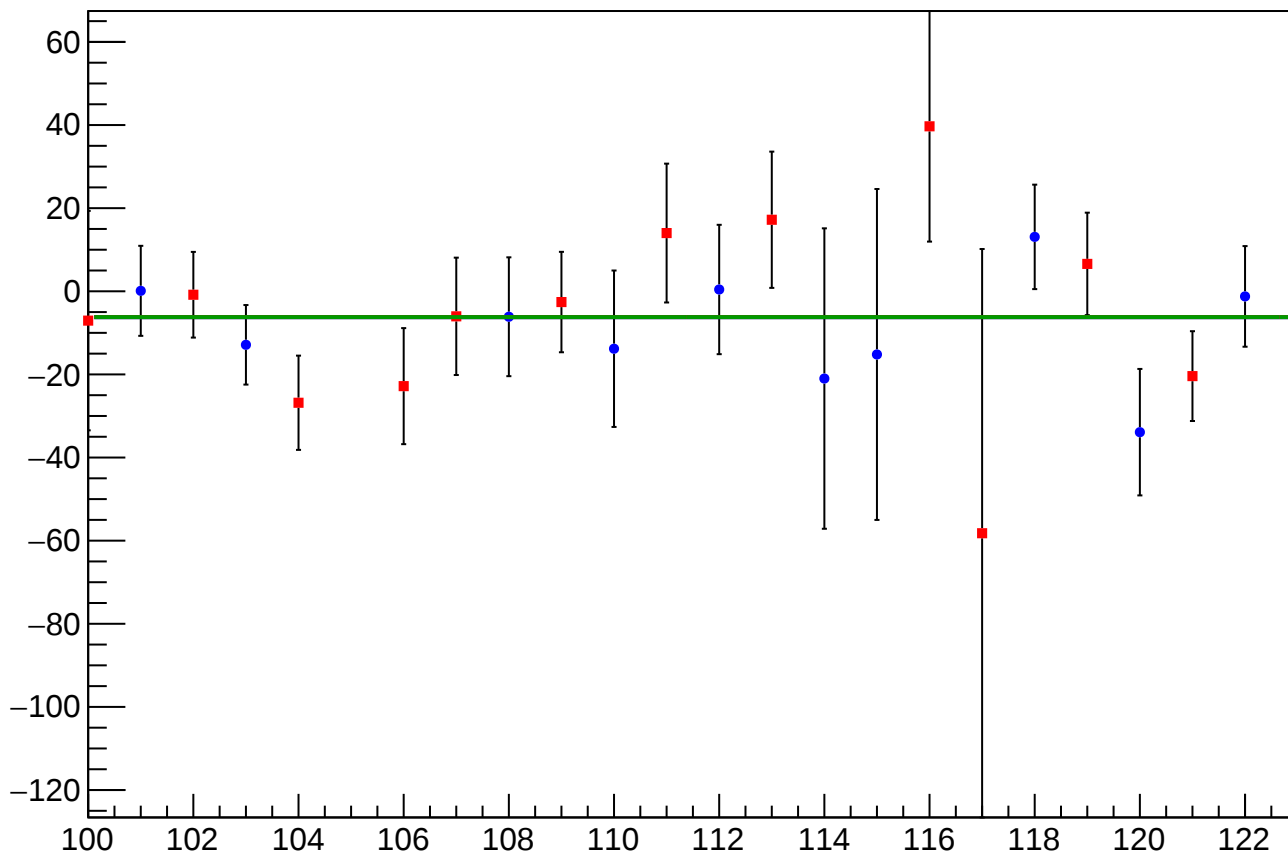
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14306.657+/-5.175 χ^2/NDF : 133463.7/10

14476.020+/-3.594 χ^2/NDF : 225236.3/22

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

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.226+/-4.441 χ^2/NDF : 7.3/10

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

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

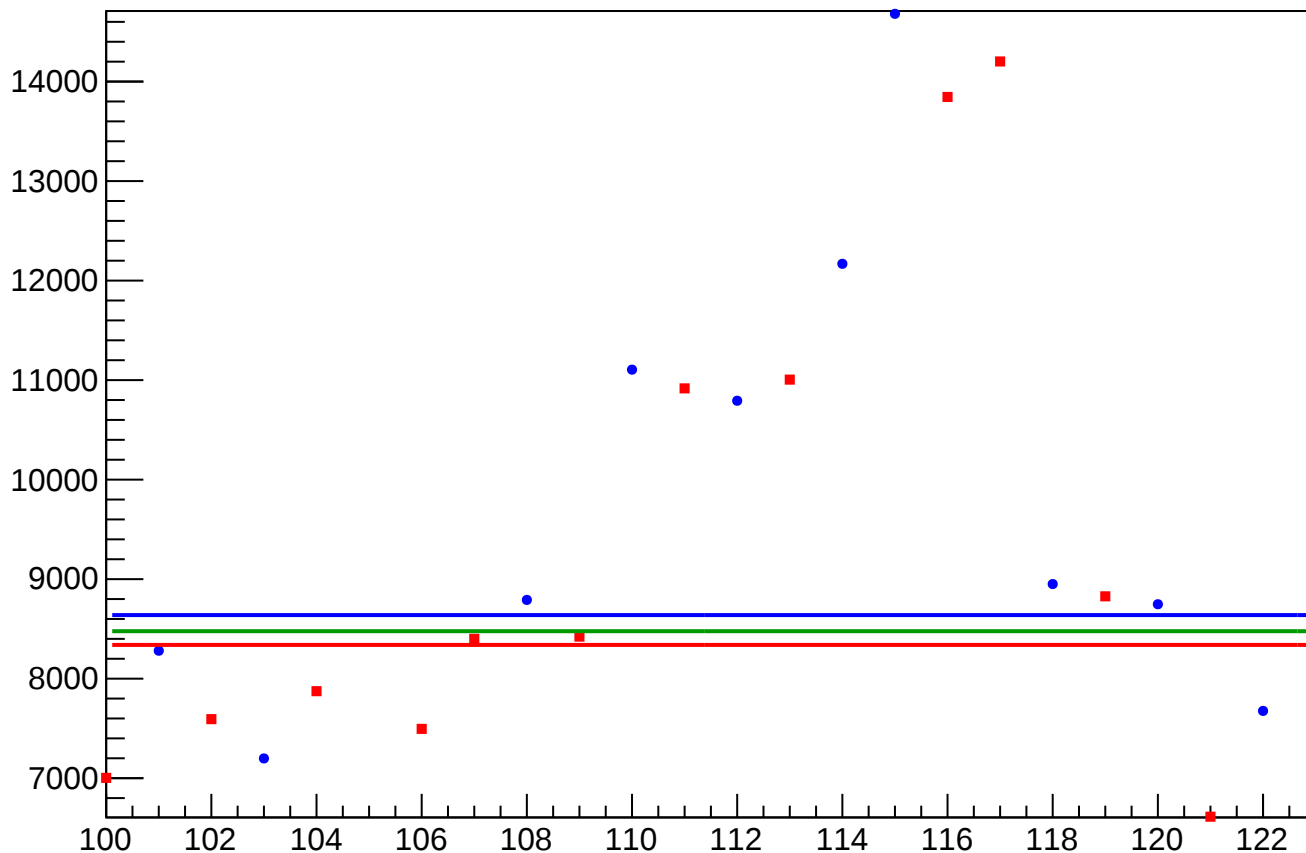
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.226+/-4.441 χ^2/NDF : 7.3/10

-6.213+/-3.011 χ^2/NDF : 22.1/22

-6.203+/-4.097 χ^2/NDF : 14.7/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8638.920+/-3.140 χ^2/NDF : 199679.6/10

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

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

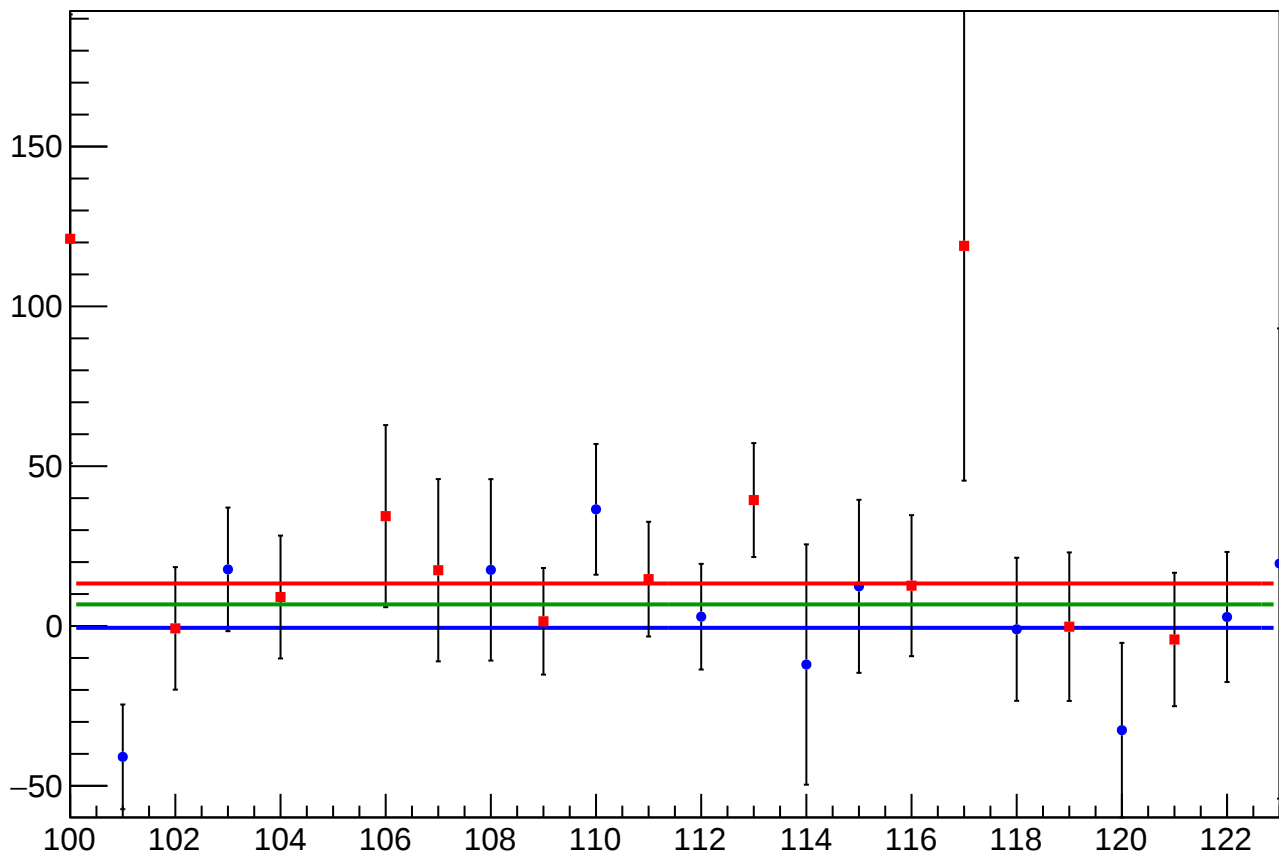
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8638.920+/-3.140 χ^2/NDF : 199679.6/10

8476.923+/-2.129 χ^2/NDF : 479211.9/22

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

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.570 ± 6.788 χ^2/NDF : 12.5/10

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

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

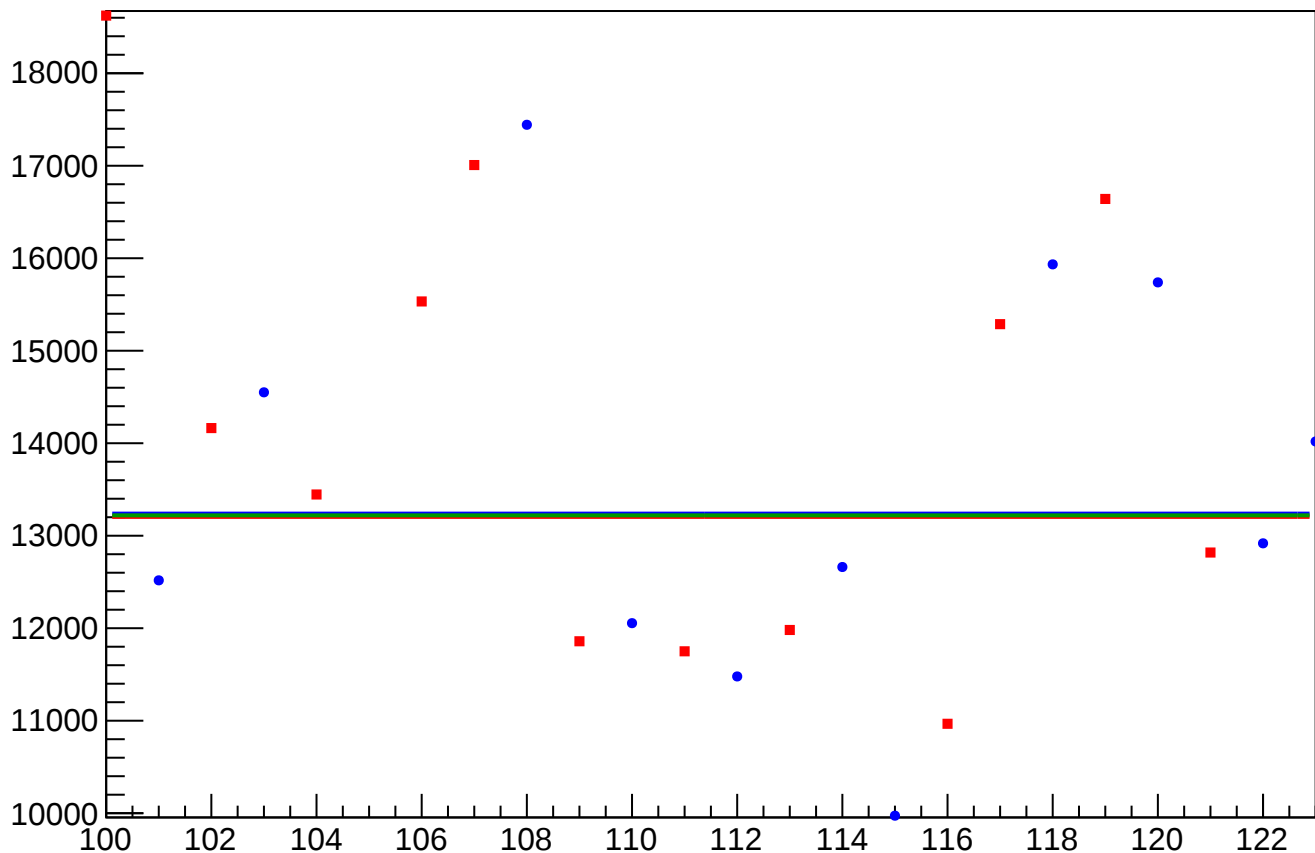
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.570 ± 6.788 χ^2/NDF : 12.5/10

6.763 ± 4.661 χ^2/NDF : 24.0/22

13.304 ± 6.411 χ^2/NDF : 9.3/11

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13238.926+/-4.800 χ^2/NDF : 162412.7/10

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

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

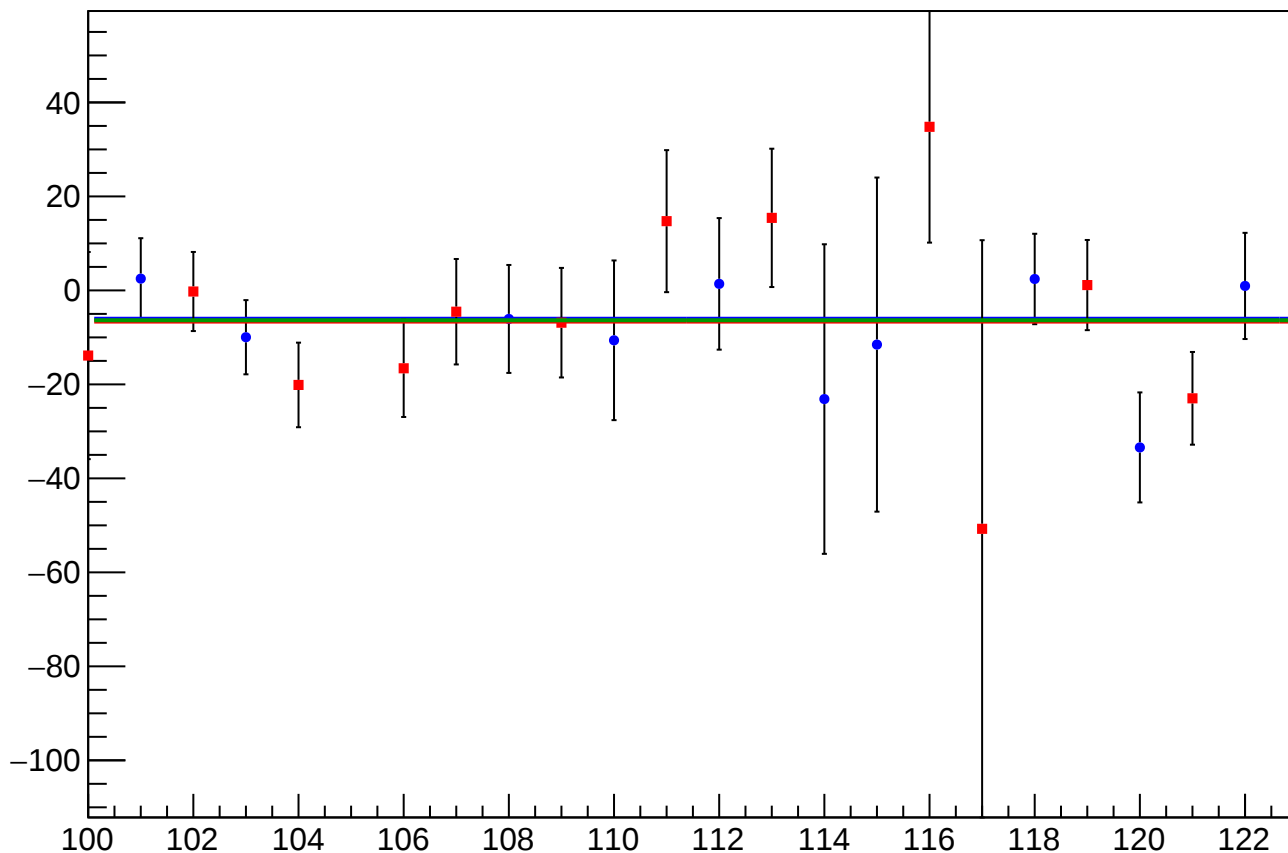
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13238.926+/-4.800 χ^2/NDF : 162412.7/10

13220.213+/-3.296 χ^2/NDF : 330827.5/22

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

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.033+/-3.677 χ^2/NDF : 8.5/10

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

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

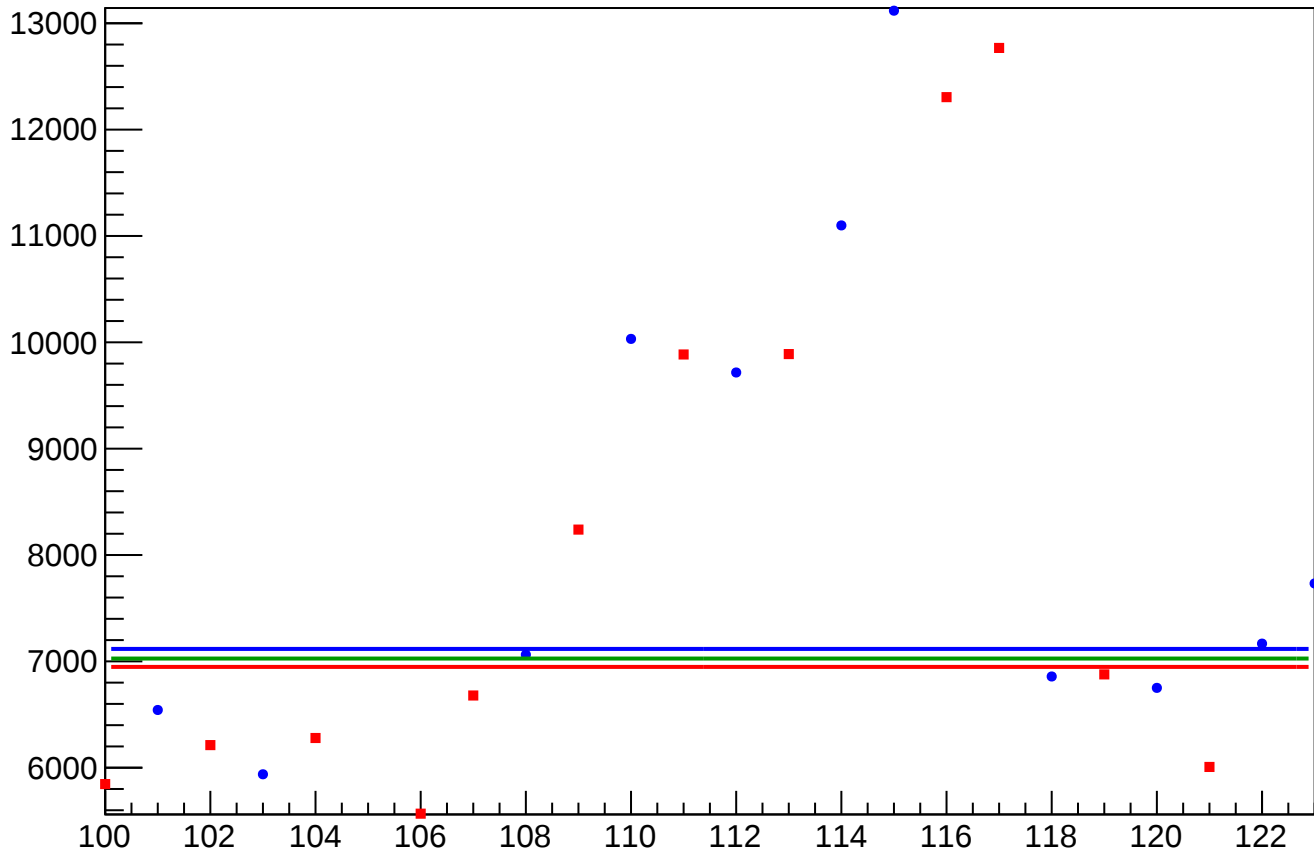
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.033+/-3.677 χ^2/NDF : 8.5/10

-6.355+/-2.507 χ^2/NDF : 23.4/22

-6.634+/-3.427 χ^2/NDF : 14.9/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7117.101 $\pm$ 2.600 χ^2/NDF : 271501.6/10

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

Right Out: 6947.857 $\pm$ 2.423 χ^2/NDF : 378681.3/11

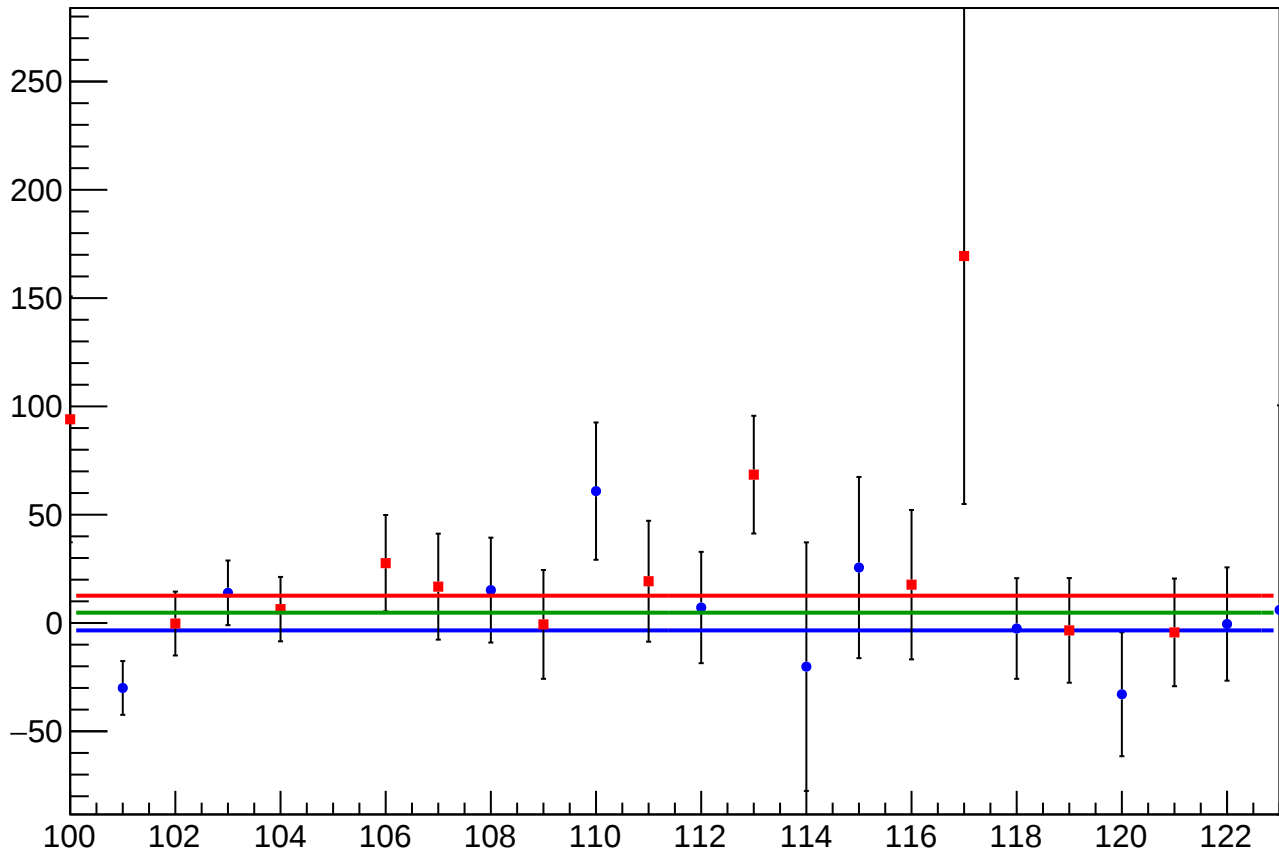
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7117.101 $\pm$ 2.600 χ^2/NDF : 271501.6/10

7026.511 $\pm$ 1.773 χ^2/NDF : 652450.4/22

6947.857 $\pm$ 2.423 χ^2/NDF : 378681.3/11

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.425 ± 6.949 χ^2/NDF : 12.5/10

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

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

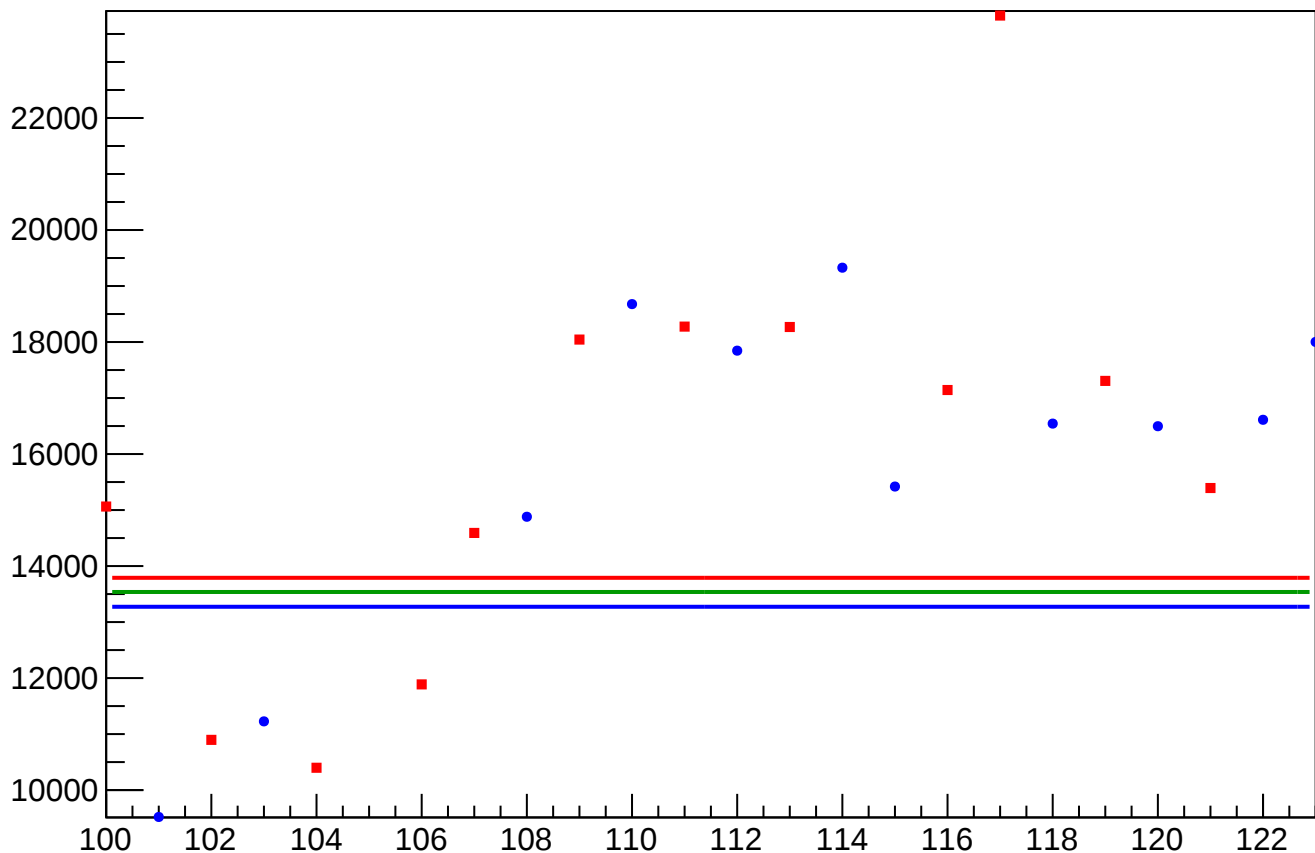
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.425 ± 6.949 χ^2/NDF : 12.5/10

4.758 ± 4.862 χ^2/NDF : 26.0/22

12.605 ± 6.804 χ^2/NDF : 10.8/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13273.104+/-4.913 χ^2/NDF : 480620.3/10

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

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

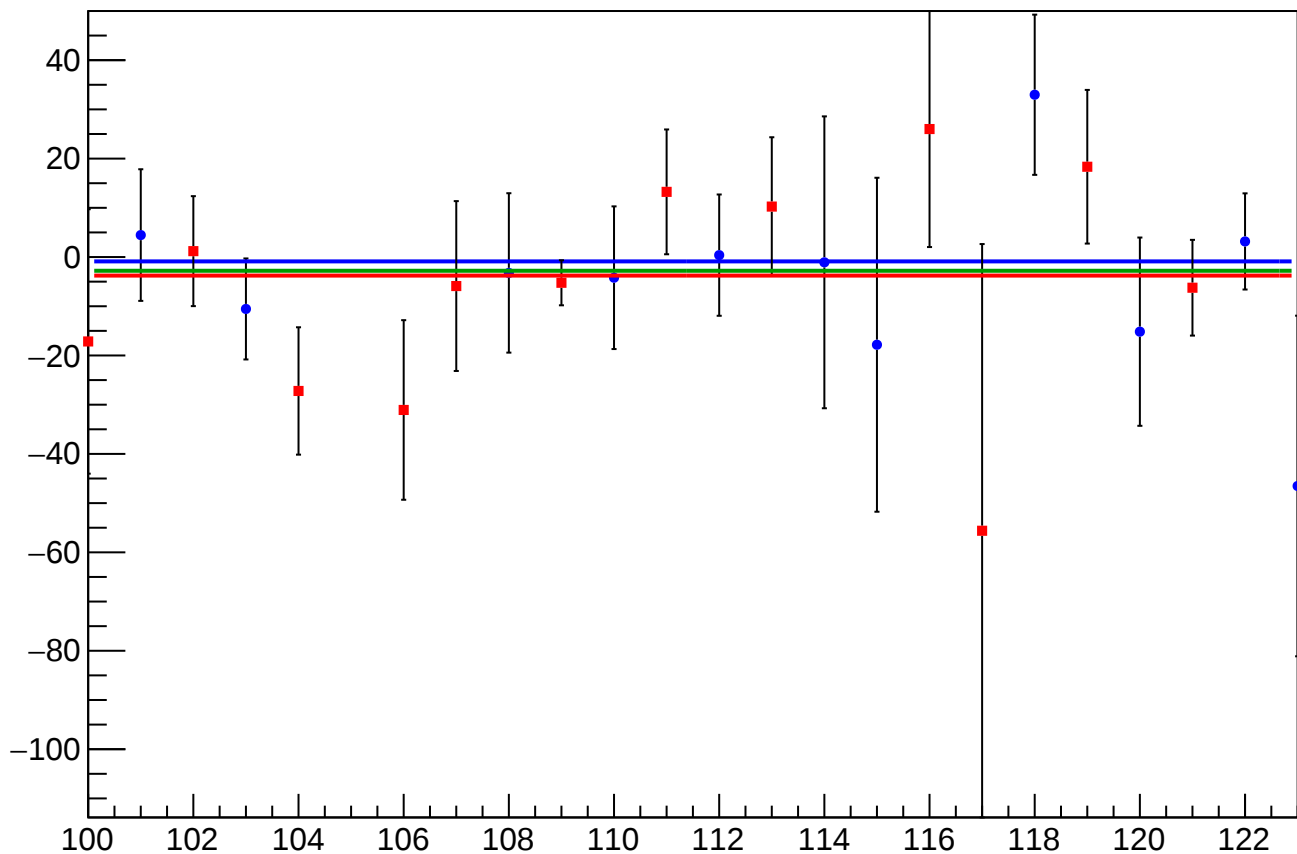
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13273.104+/-4.913 χ^2/NDF : 480620.3/10

13537.095+/-3.438 χ^2/NDF : 933429.2/22

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

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.884+/-4.469 χ^2/NDF : 8.2/10

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

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

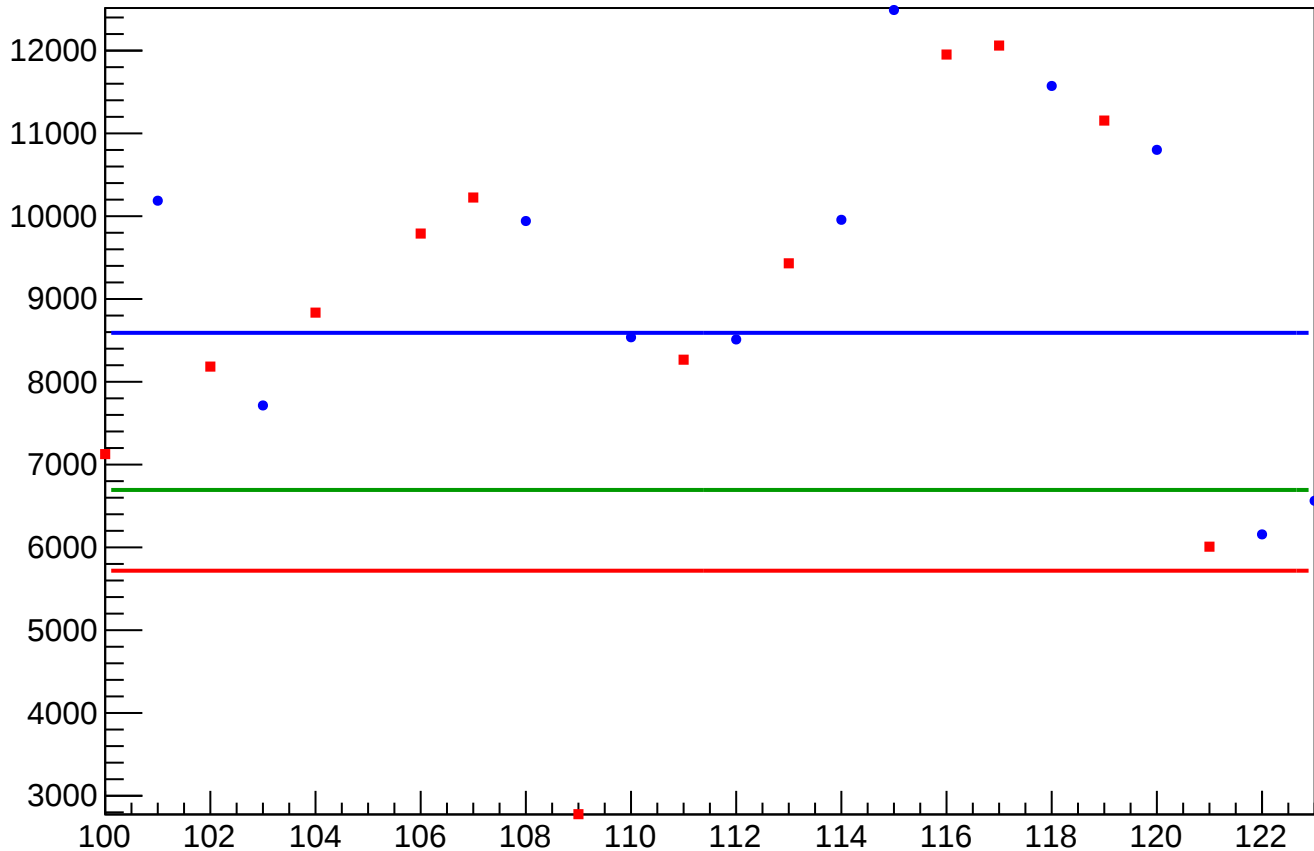
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.884+/-4.469 χ^2/NDF : 8.2/10

-2.789+/-2.604 χ^2/NDF : 21.7/22

-3.768+/-3.204 χ^2/NDF : 13.3/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8591.326 $\pm$ 3.160 χ^2 /NDF: 312644.4/10

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

Right Out: 5718.391 $\pm$ 2.265 χ^2 /NDF: 1903388.5/11

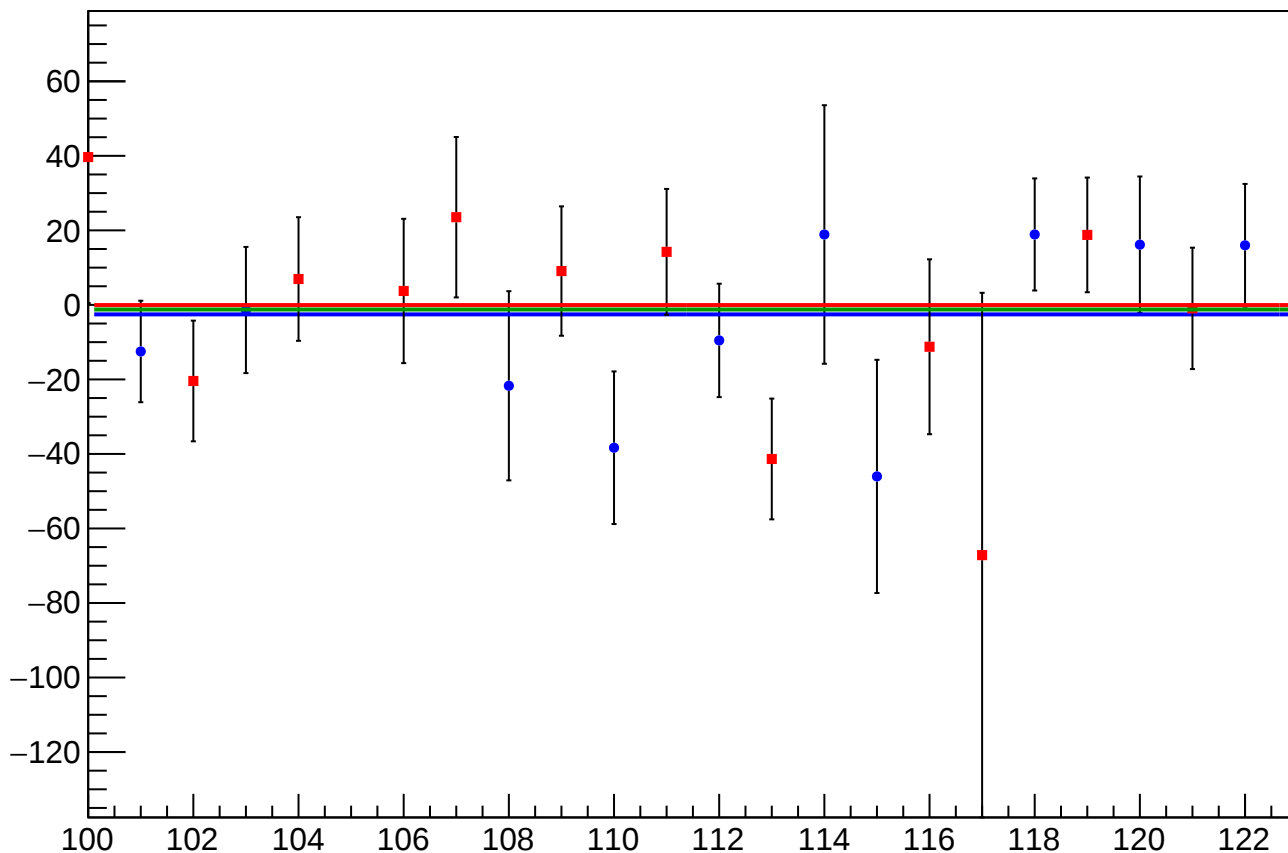
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8591.326 $\pm$ 3.160 χ^2 /NDF: 312644.4/10

6693.720 $\pm$ 1.841 χ^2 /NDF: 2762023.0/22

5718.391 $\pm$ 2.265 χ^2 /NDF: 1903388.5/11

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.547+/-5.740 χ^2/NDF : 11.1/10

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

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

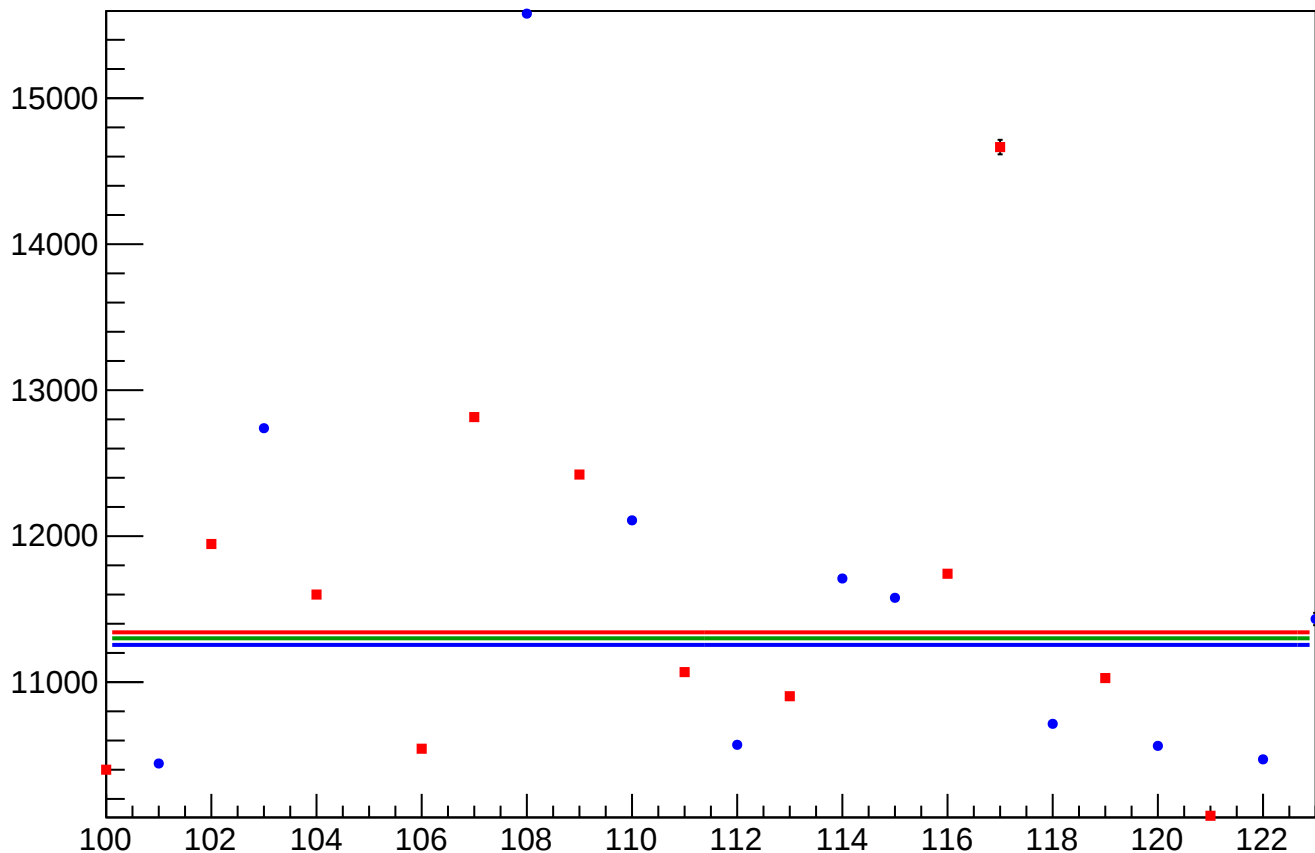
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.547+/-5.740 χ^2/NDF : 11.1/10

-1.235+/-3.955 χ^2/NDF : 25.3/22

-0.049+/-5.458 χ^2/NDF : 14.2/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11255.113+/-4.059 χ^2/NDF : 98580.6/10

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

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

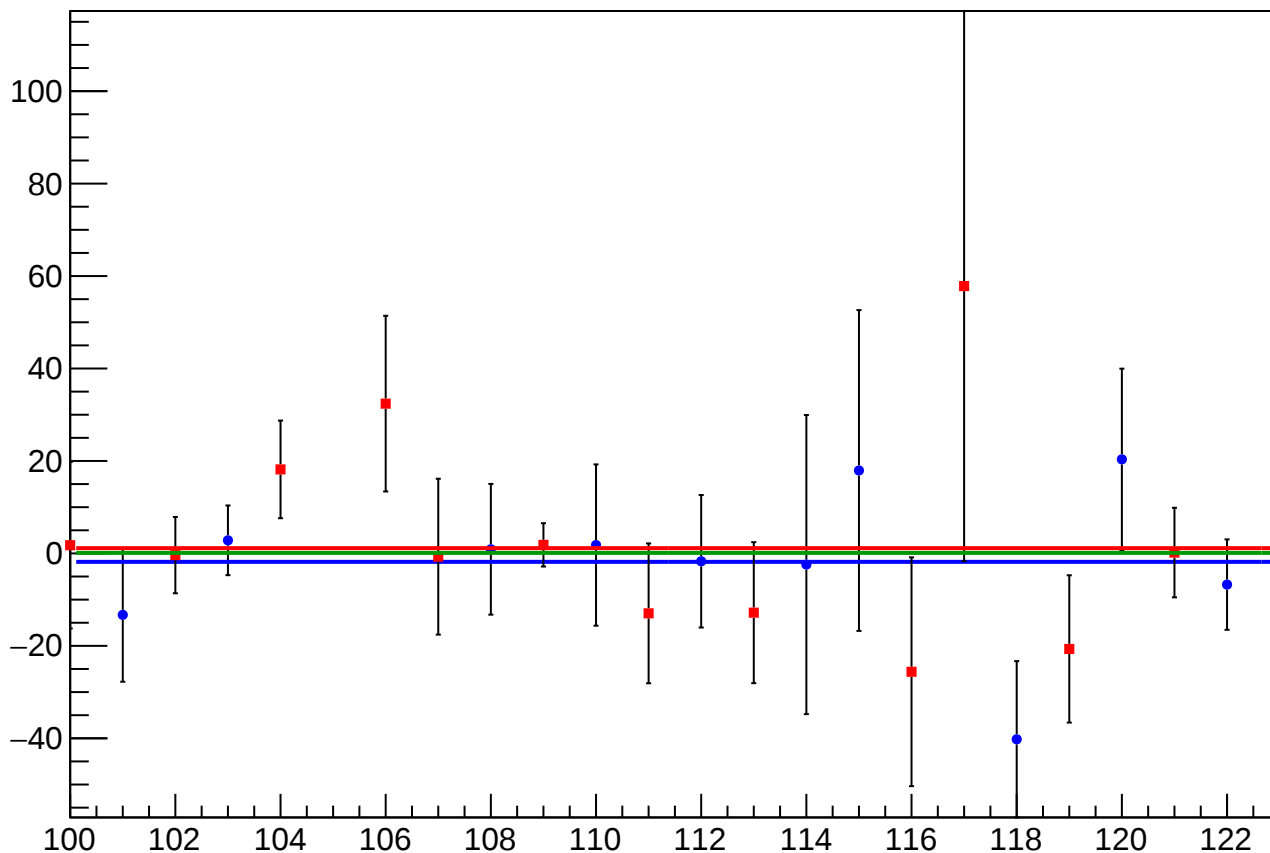
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11255.113+/-4.059 χ^2/NDF : 98580.6/10

11300.297+/-2.797 χ^2/NDF : 143529.3/22

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

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.826+/-4.276 χ^2/NDF : 12.3/10

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

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

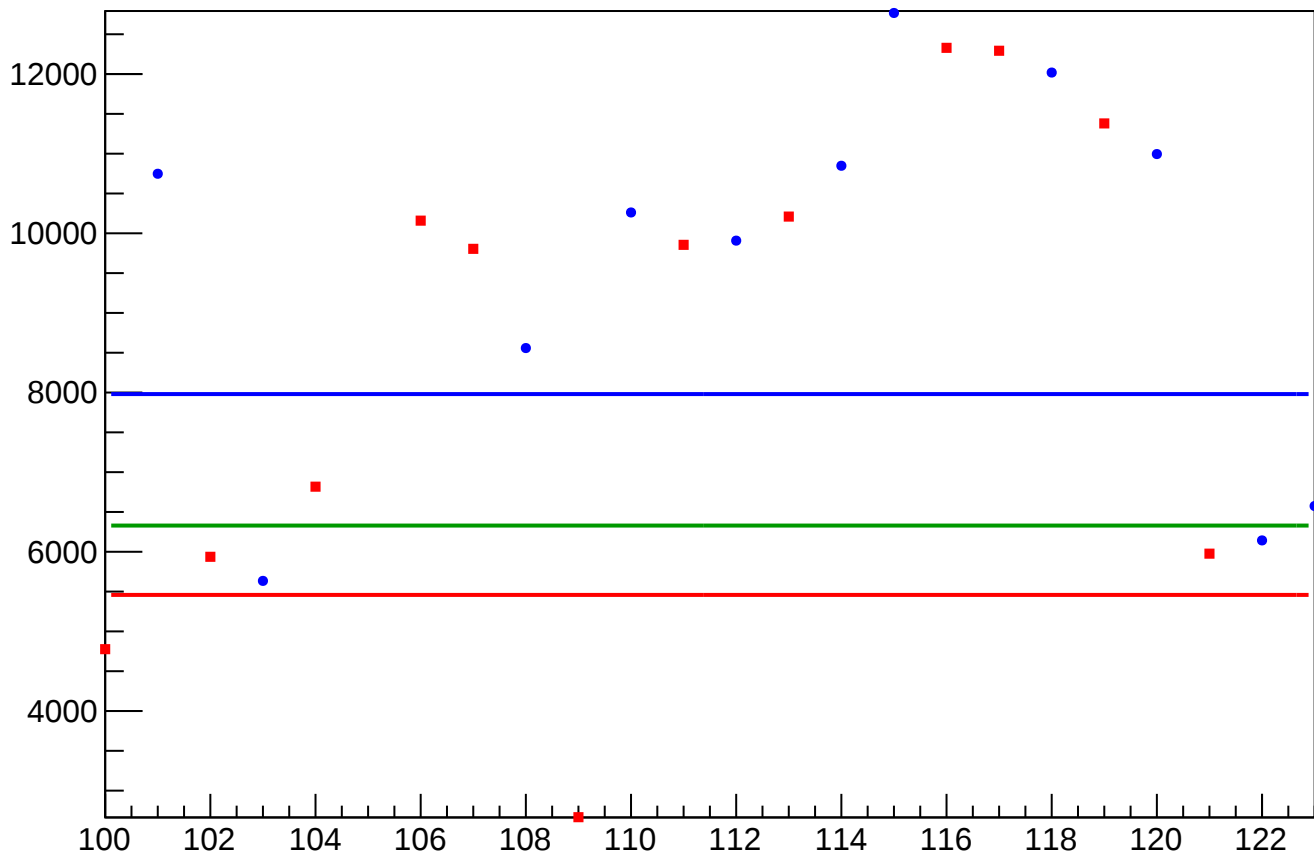
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.826+/-4.276 χ^2/NDF : 12.3/10

0.112+/-2.513 χ^2/NDF : 23.6/22

1.134+/-3.106 χ^2/NDF : 11.0/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7980.702+/-3.024 χ^2/NDF : 629484.5/10

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

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

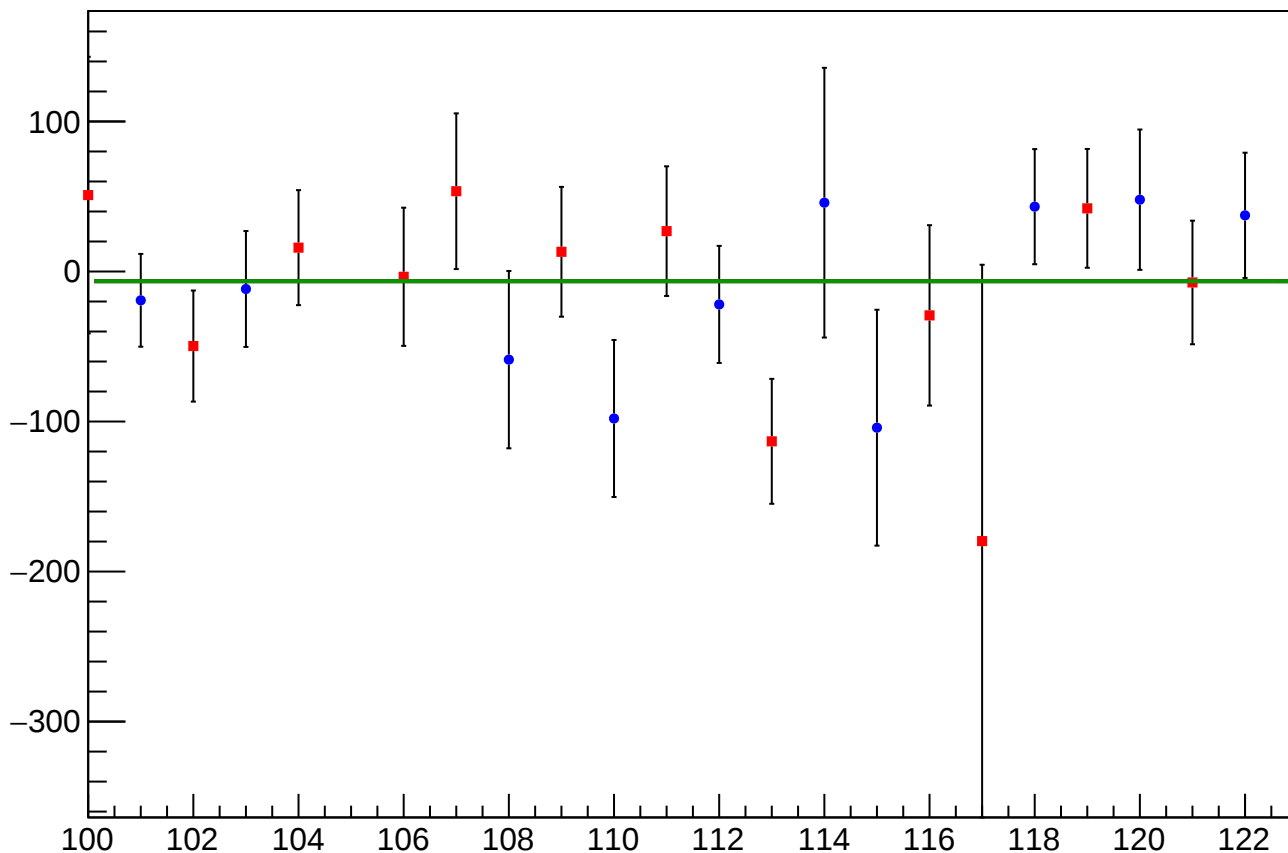
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7980.702+/-3.024 χ^2/NDF : 629484.5/10

6329.304+/-1.777 χ^2/NDF : 2918048.2/22

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

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -6.398+/-14.054 χ^2/NDF : 10.2/10

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

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

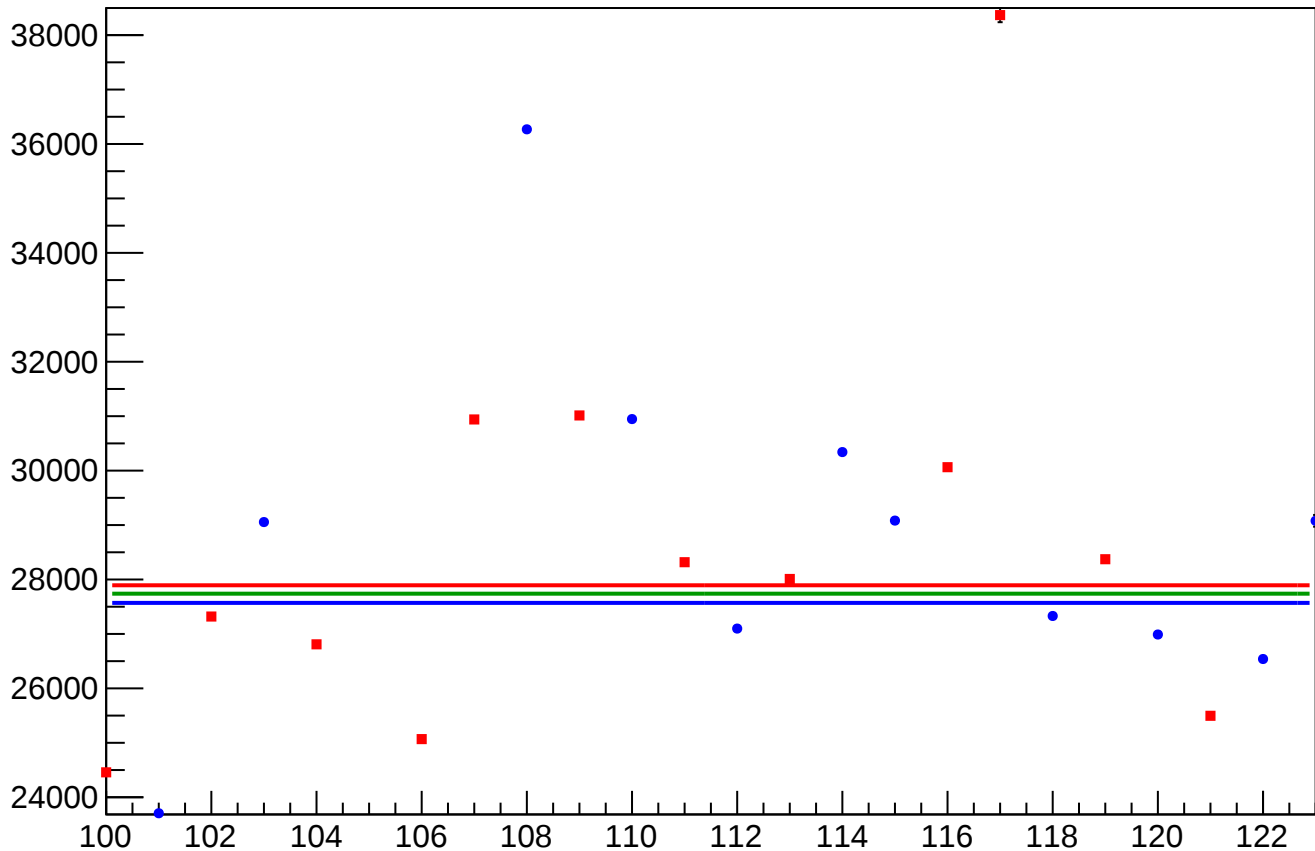
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.398+/-14.054 χ^2/NDF : 10.2/10

-6.439+/-9.707 χ^2/NDF : 23.6/22

-6.476+/-13.422 χ^2/NDF : 13.3/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27570.349+/-9.938 χ^2/NDF : 90560.1/10

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

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

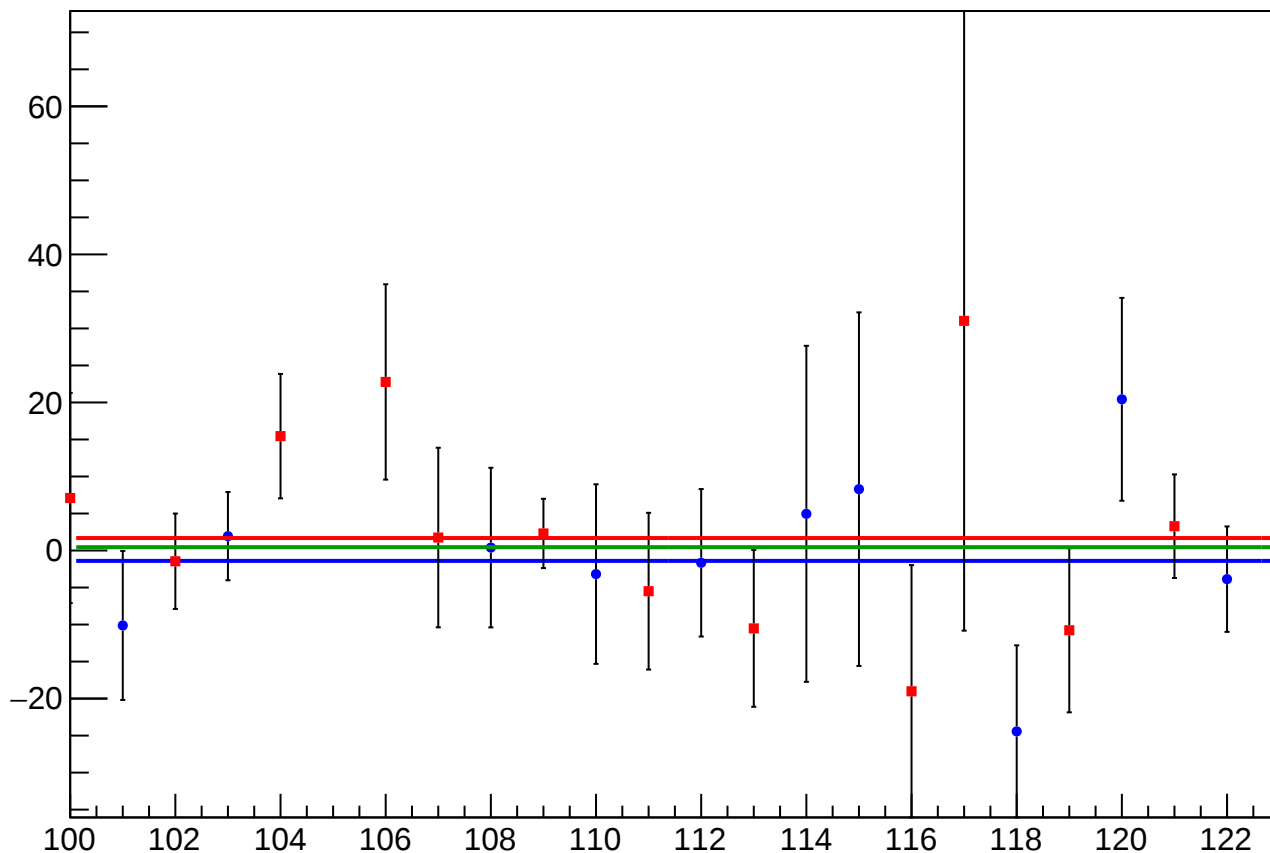
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27570.349+/-9.938 χ^2/NDF : 90560.1/10

27739.482+/-6.864 χ^2/NDF : 137138.0/22

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

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.400+/-3.144 χ^2/NDF : 10.7/10

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

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

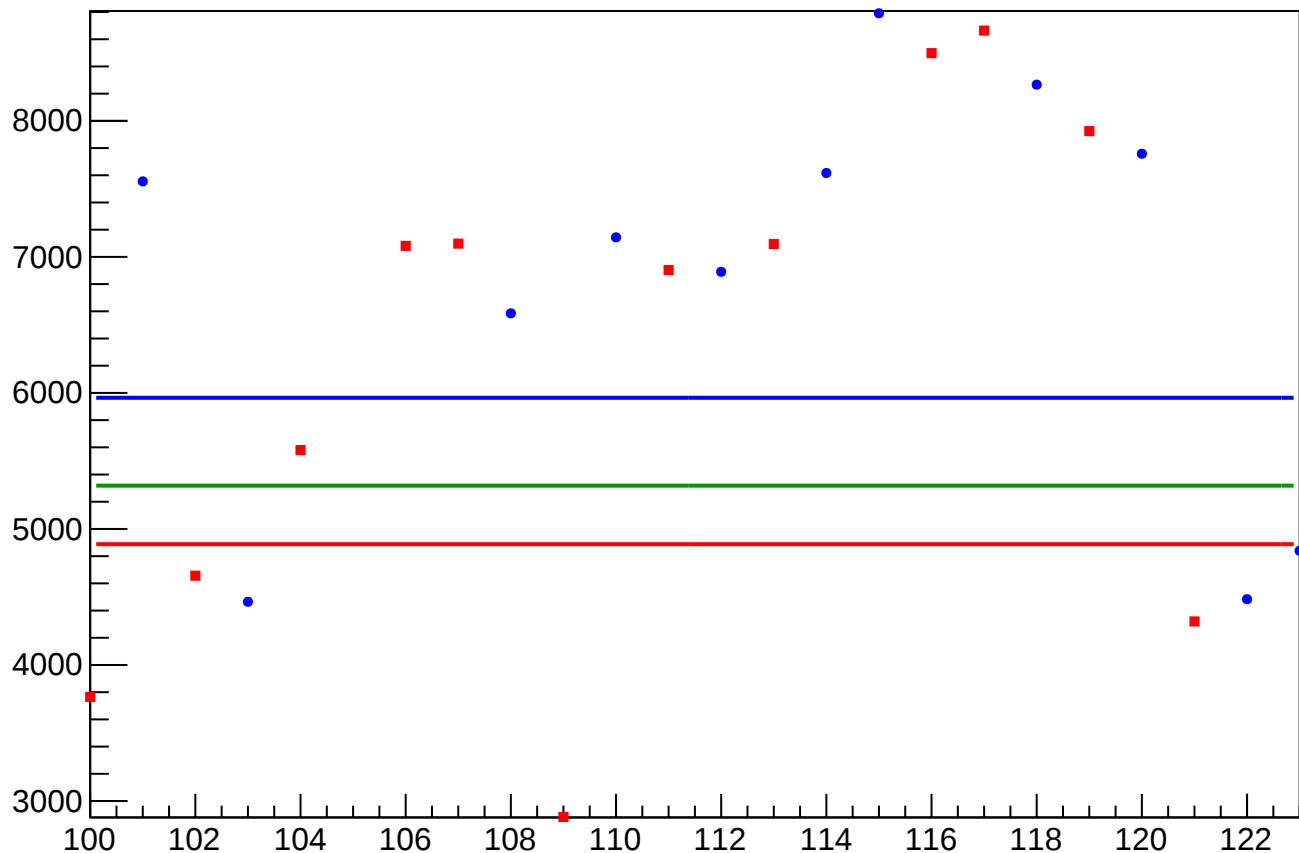
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.400+/-3.144 χ^2/NDF : 10.7/10

0.452+/-1.988 χ^2/NDF : 22.0/22

1.687+/-2.566 χ^2/NDF : 10.7/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5964.450+/-2.223 χ^2/NDF : 461114.0/10

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

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

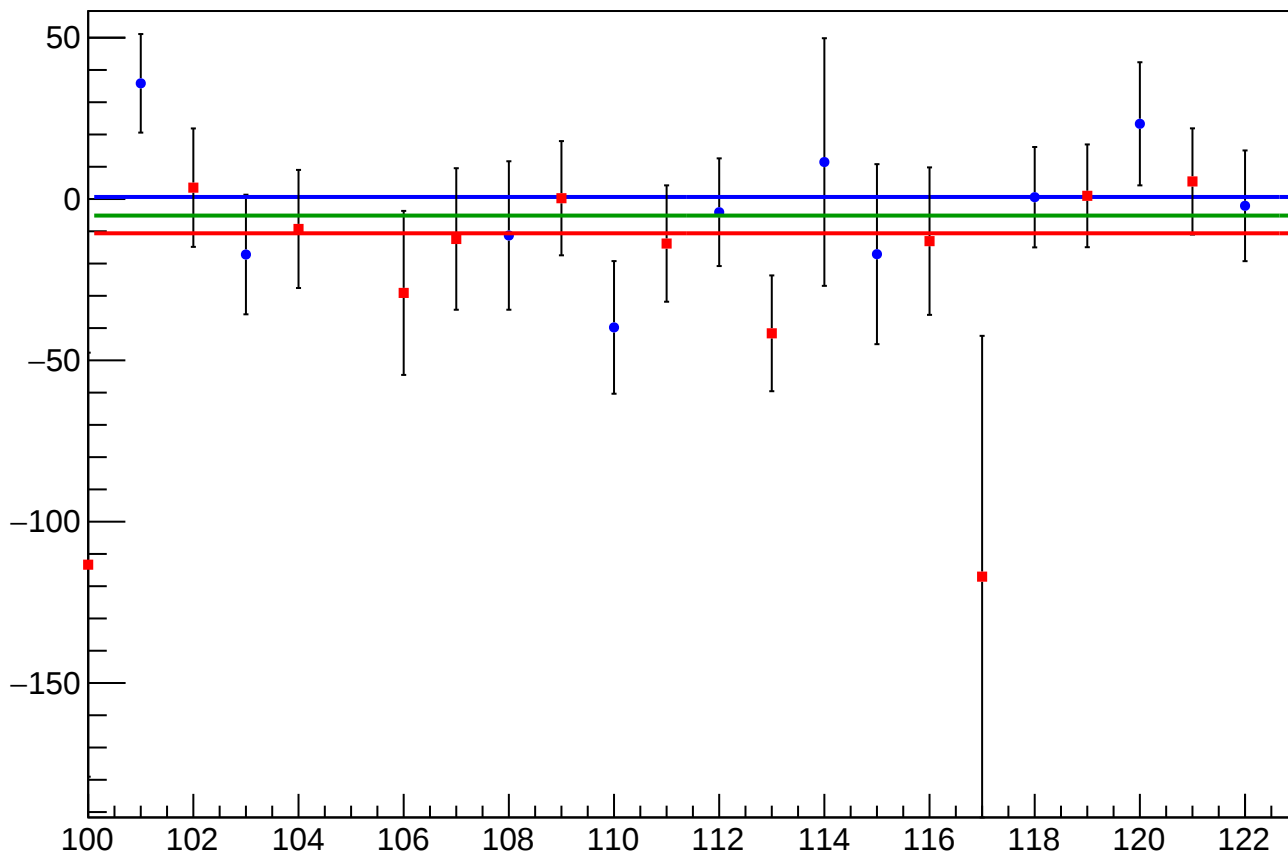
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5964.450+/-2.223 χ^2/NDF : 461114.0/10

5318.543+/-1.406 χ^2/NDF : 1547865.8/22

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

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.638 $\pm$ 6.025 χ^2 /NDF: 12.4/10

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

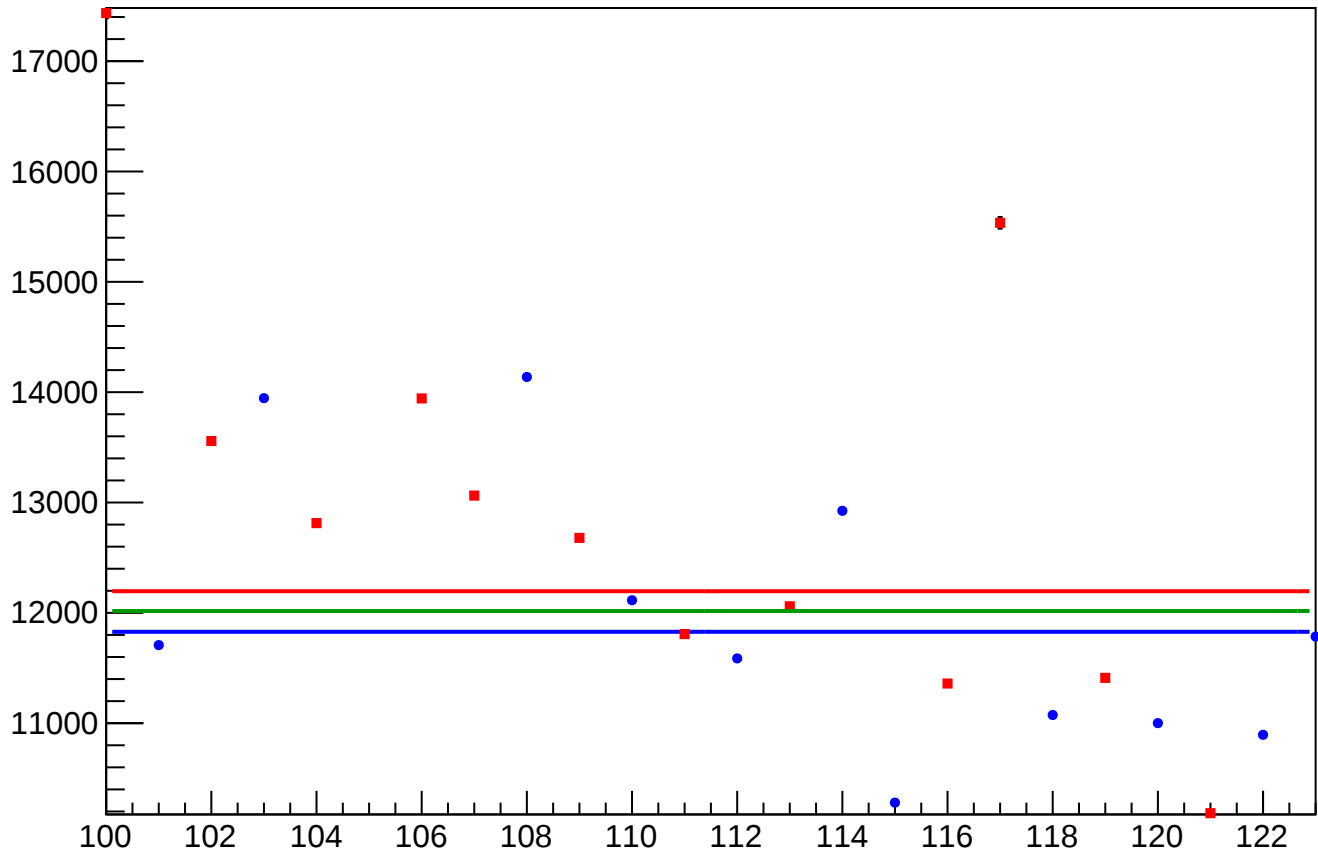
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.638 $\pm$ 6.025 χ^2 /NDF: 12.4/10

-5.128 $\pm$ 4.209 χ^2 /NDF: 24.7/22

-10.621 $\pm$ 5.881 χ^2 /NDF: 10.5/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11828.461+/-4.261 χ^2/NDF : 69346.6/10

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

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

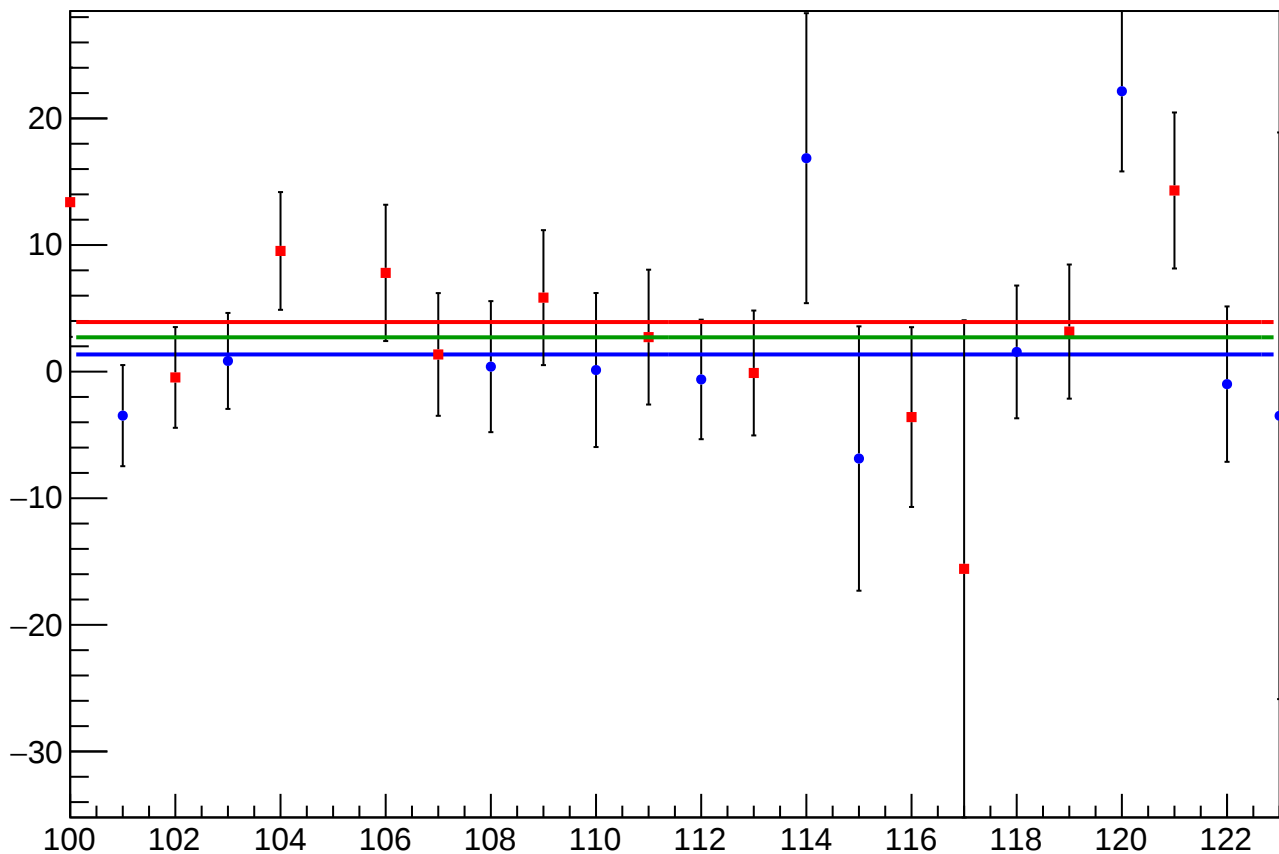
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11828.461+/-4.261 χ^2/NDF : 69346.6/10

12016.746+/-2.976 χ^2/NDF : 155693.3/22

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

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.357+/-1.695 χ^2/NDF : 15.2/10

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

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

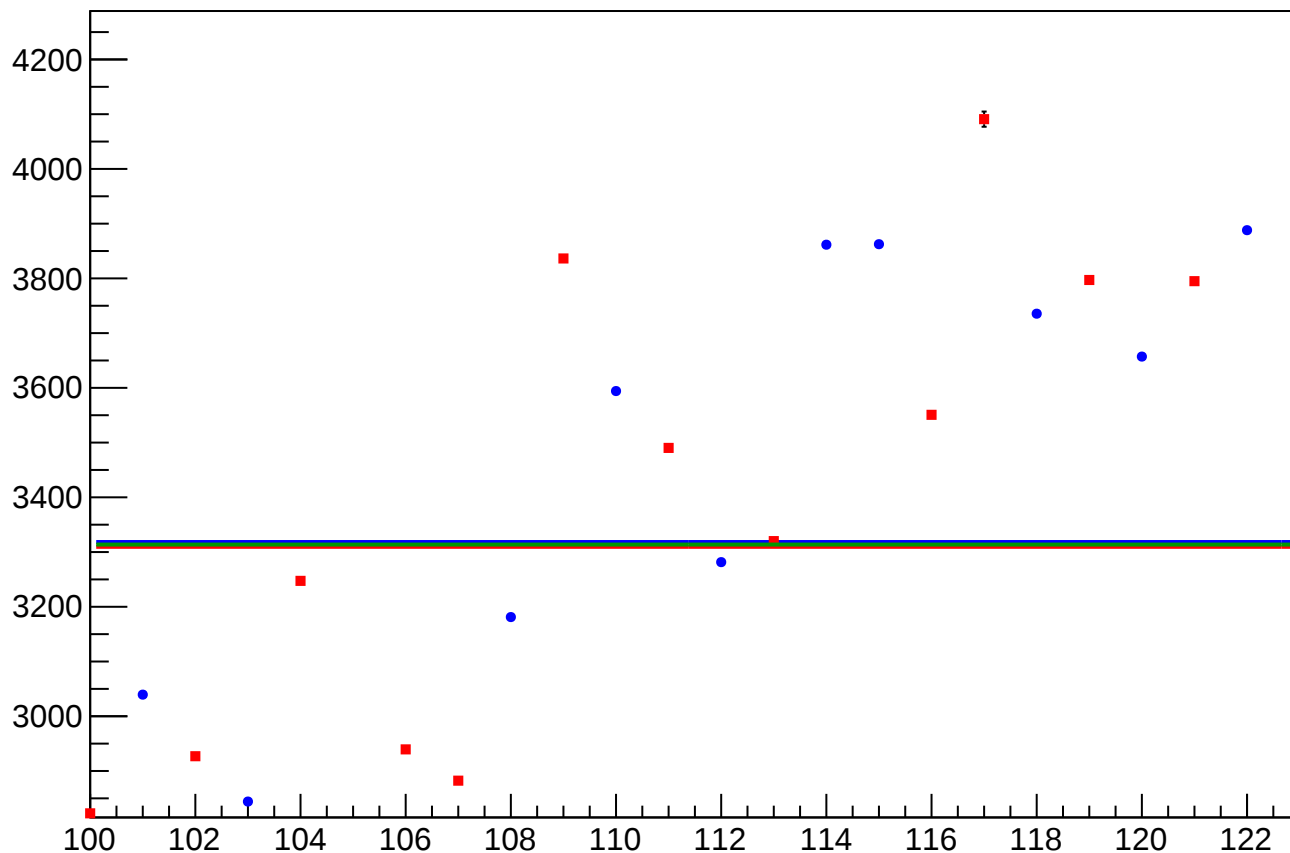
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.357+/-1.695 χ^2/NDF : 15.2/10

2.711+/-1.163 χ^2/NDF : 26.4/22

3.916+/-1.599 χ^2/NDF : 10.1/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3318.313+/-1.198 χ^2/NDF : 95884.4/10

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

Right Out: 3309.569+/-1.130 χ^2/NDF : 104724.0/11

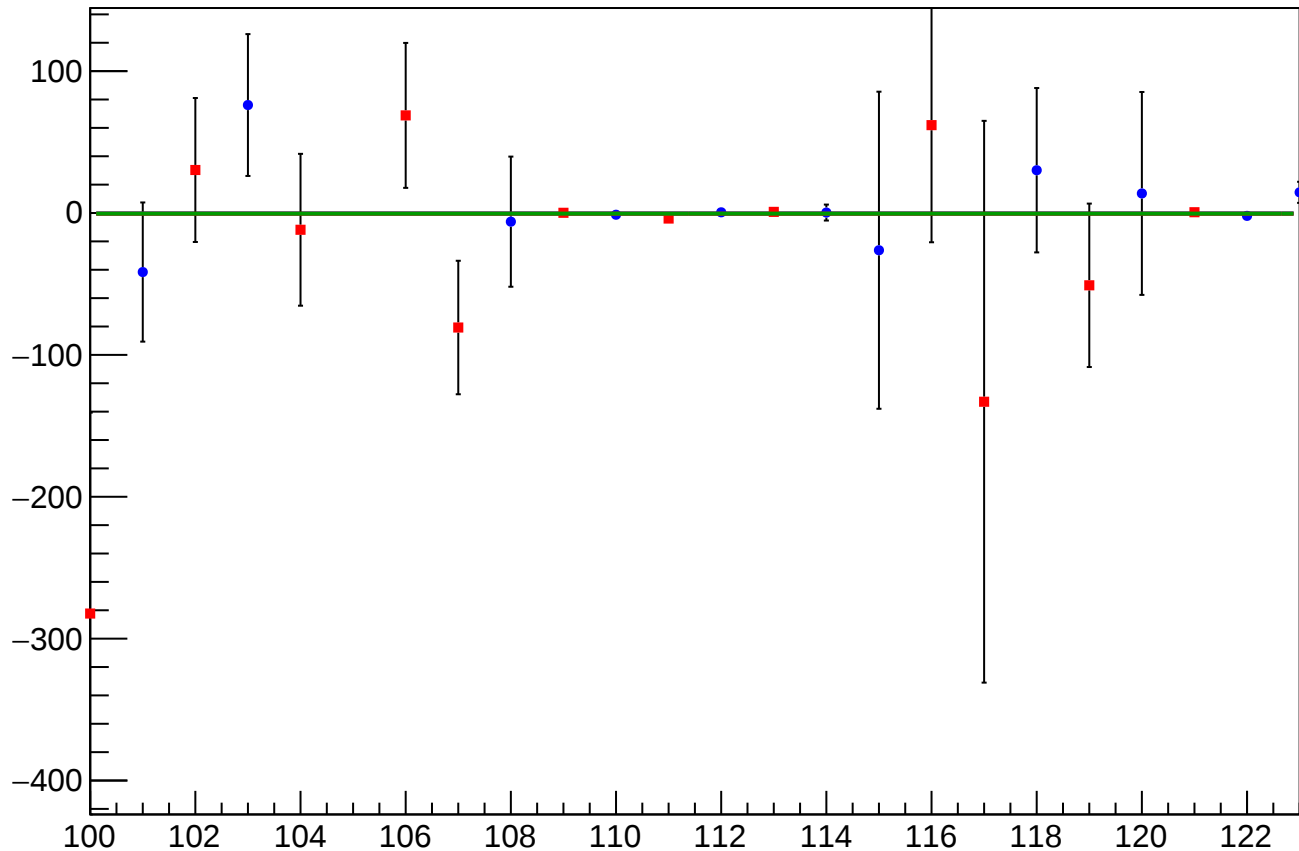
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3318.313+/-1.198 χ^2/NDF : 95884.4/10

3313.685+/-0.822 χ^2/NDF : 200636.6/22

3309.569+/-1.130 χ^2/NDF : 104724.0/11

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.360 ± 1.393 χ^2/NDF : 8.3/10

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

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

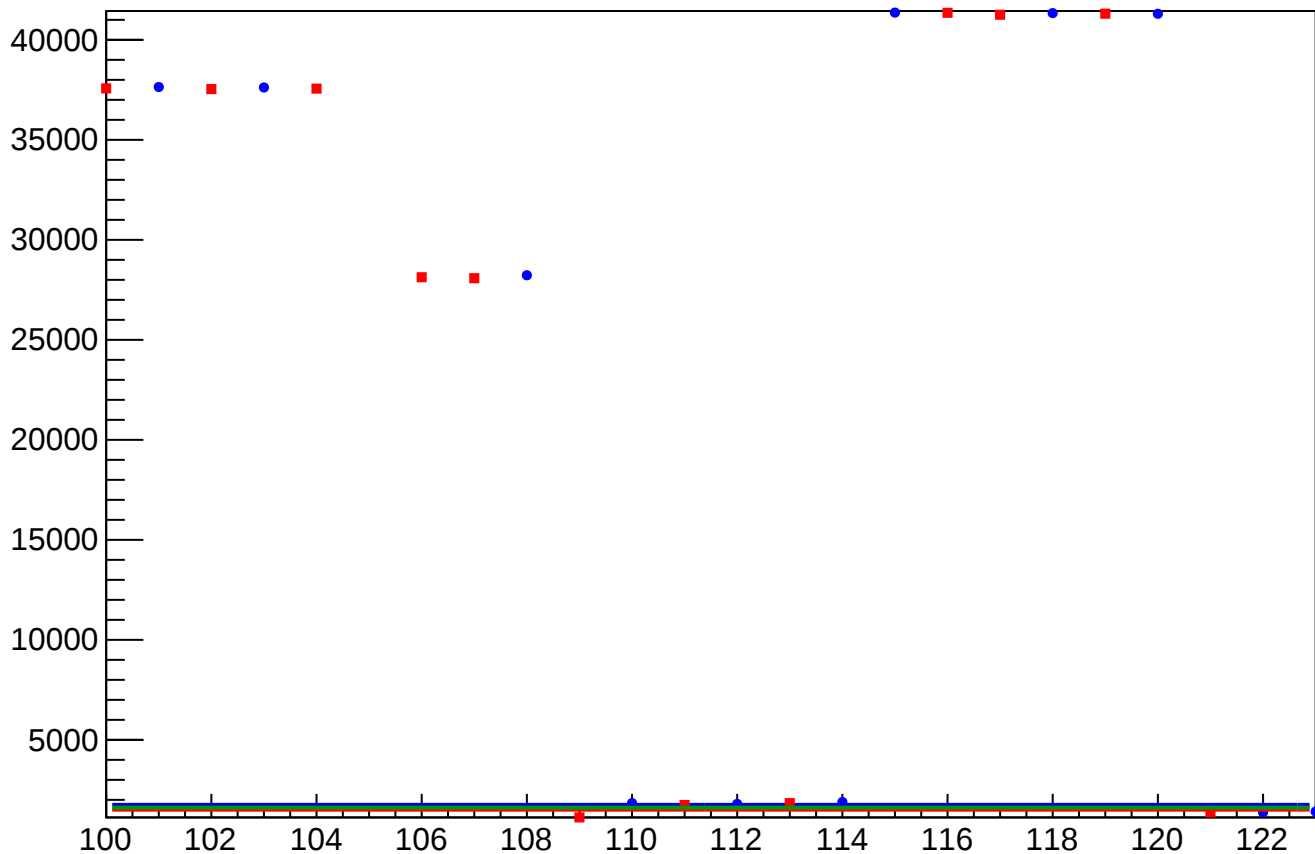
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.360 ± 1.393 χ^2/NDF : 8.3/10

-0.428 ± 0.896 χ^2/NDF : 21.3/22

-0.475 ± 1.170 χ^2/NDF : 13.0/11

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1749.229+/-0.985 χ^2/NDF : 4631521.2/10

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

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

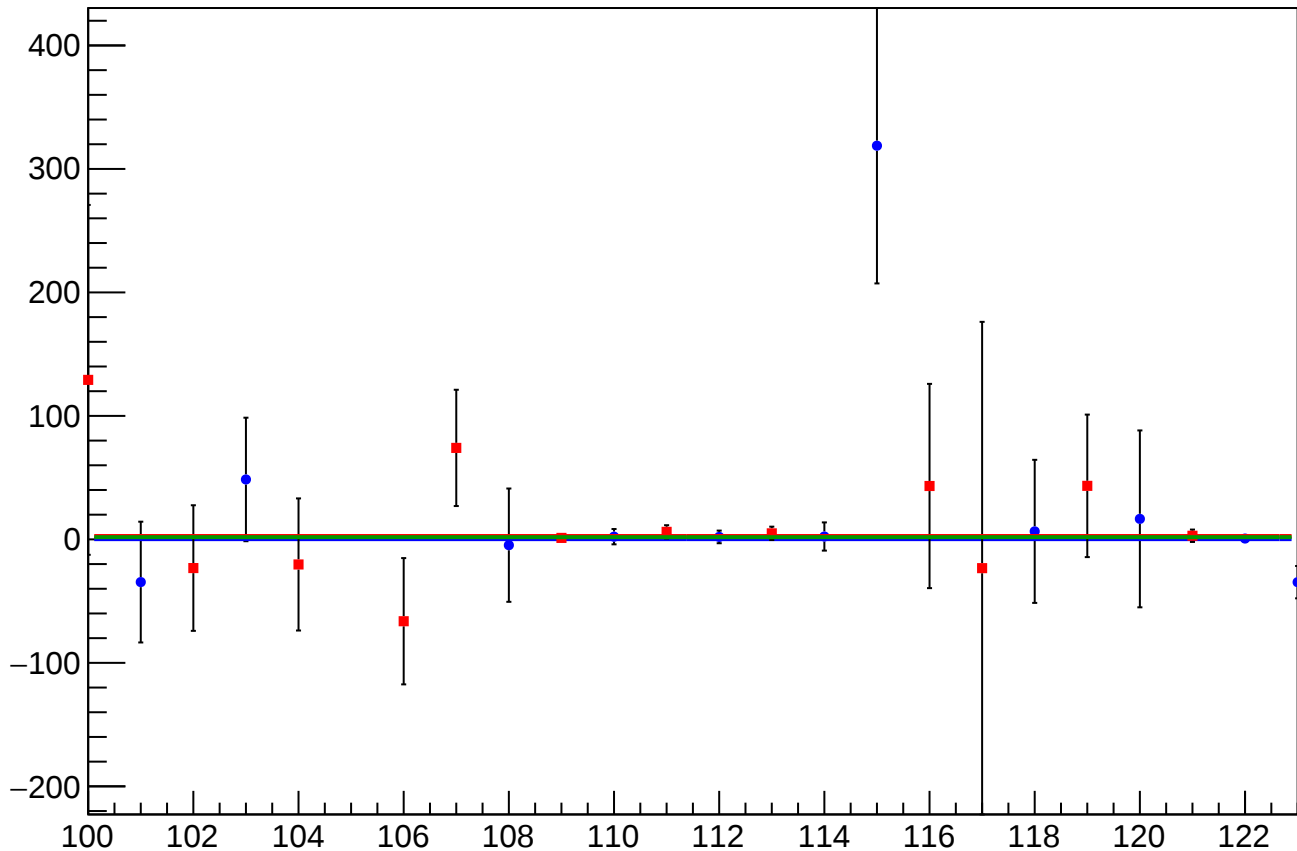
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1749.229+/-0.985 χ^2/NDF : 4631521.2/10

1608.874+/-0.633 χ^2/NDF : 9544043.7/22

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

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 0.197 $\pm$ 2.584 χ^2 /NDF: 17.0/10

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

Right Out: 2.711 $\pm$ 2.002 χ^2 /NDF: 7.0/11

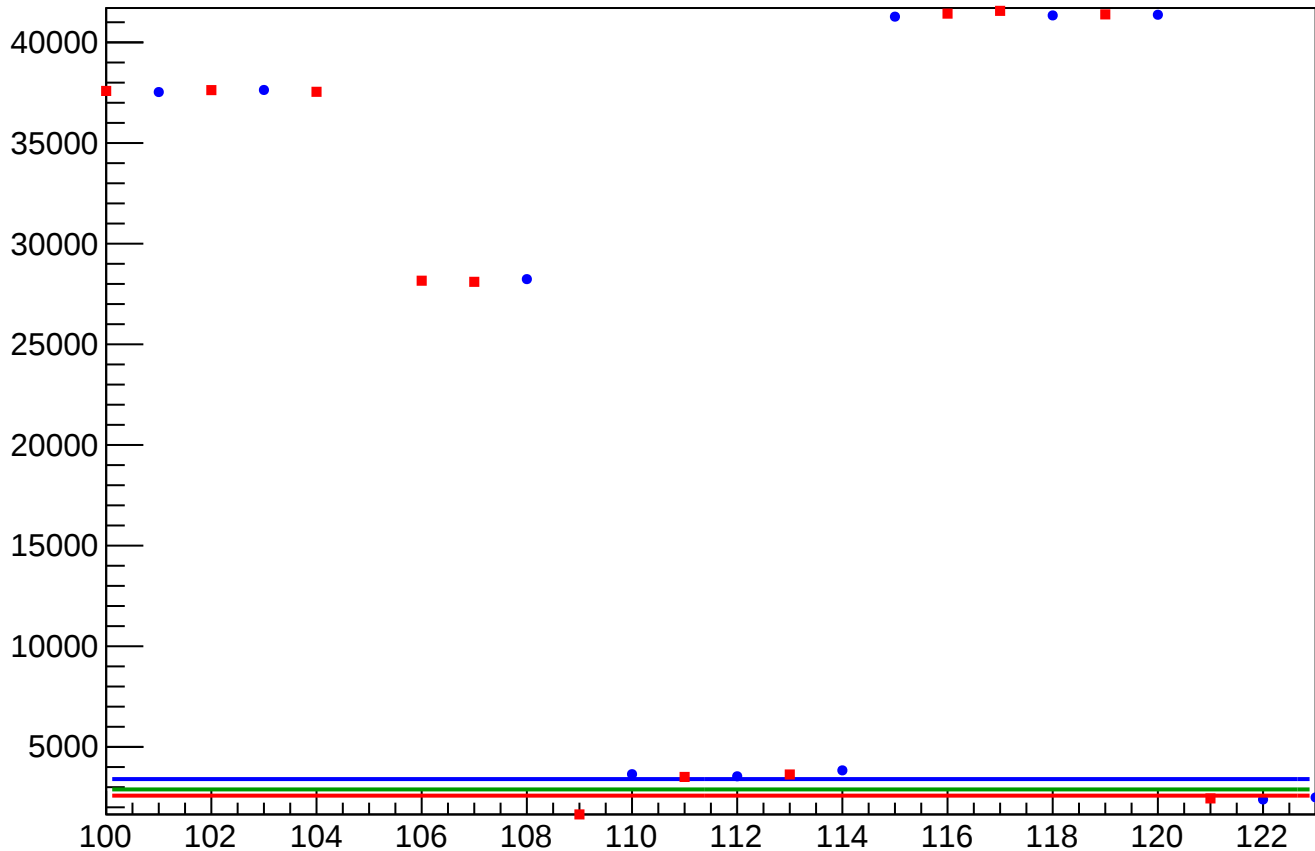
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.197 $\pm$ 2.584 χ^2 /NDF: 17.0/10

1.768 $\pm$ 1.583 χ^2 /NDF: 24.6/22

2.711 $\pm$ 2.002 χ^2 /NDF: 7.0/11

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3402.168+/-1.827 χ^2/NDF : 4309006.0/10

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

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

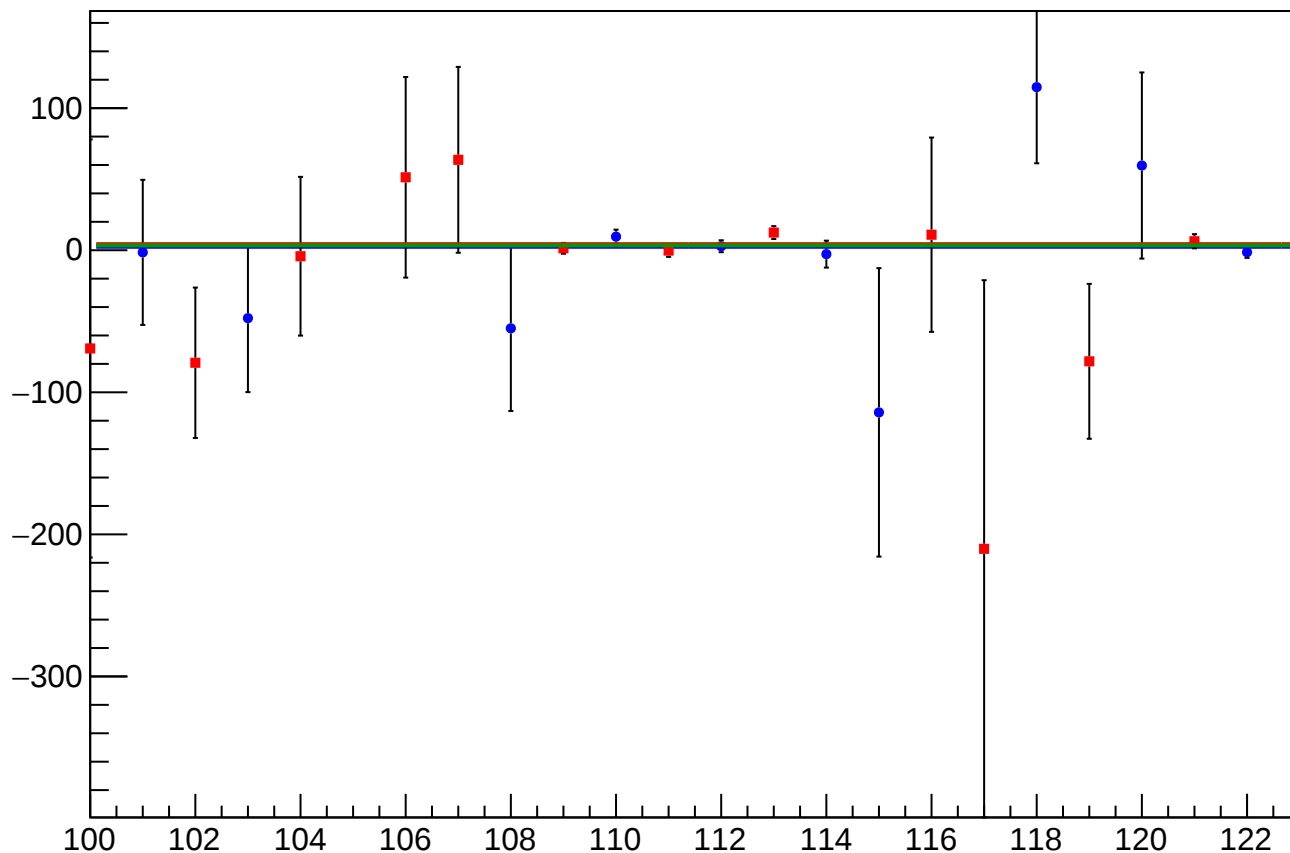
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3402.168+/-1.827 χ^2/NDF : 4309006.0/10

2888.248+/-1.119 χ^2/NDF : 9250928.4/22

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

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.442 $\pm$ 2.369 χ^2 /NDF: 11.8/10

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

Right Out: 4.282 $\pm$ 2.181 χ^2 /NDF: 12.7/11

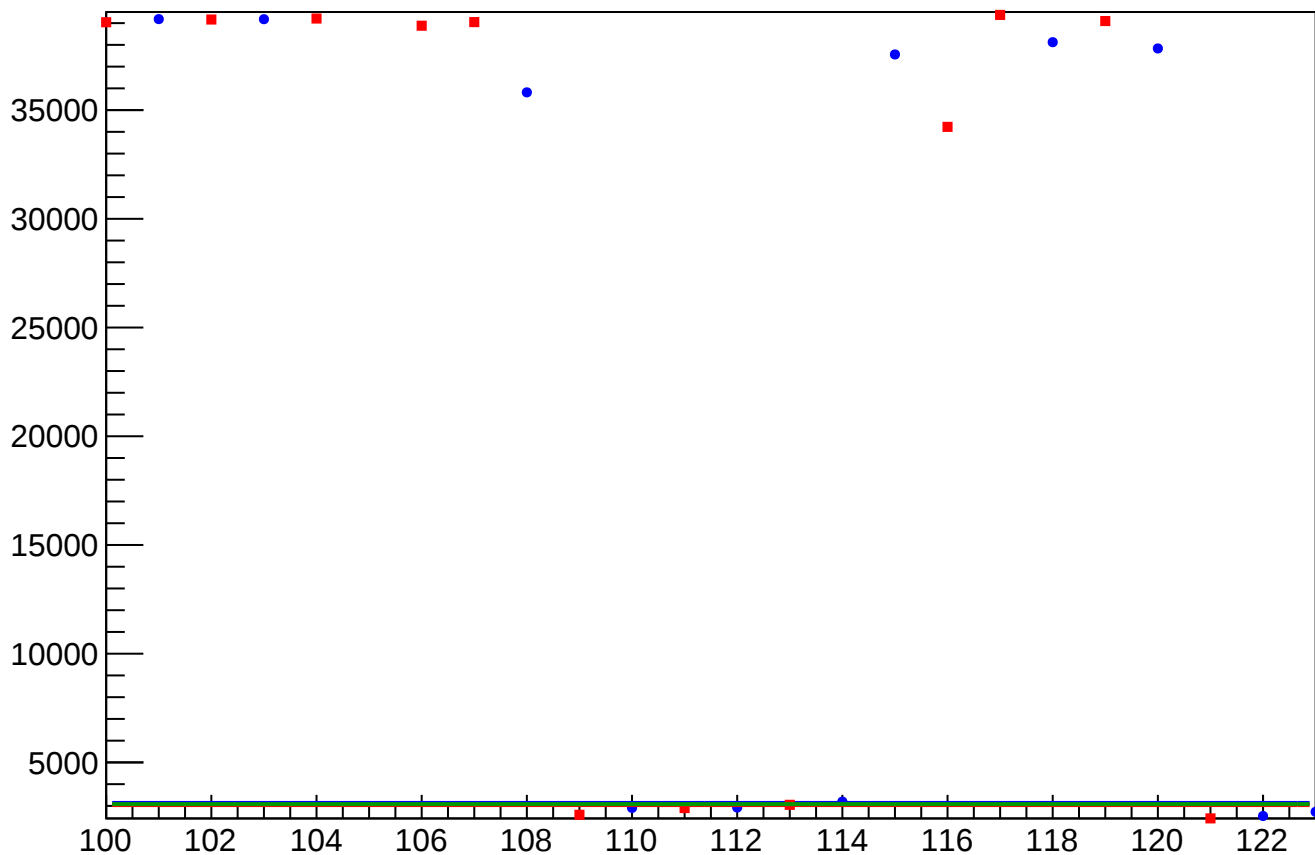
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.442 $\pm$ 2.369 χ^2 /NDF: 11.8/10

3.438 $\pm$ 1.605 χ^2 /NDF: 24.8/22

4.282 $\pm$ 2.181 χ^2 /NDF: 12.7/11

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3135.829 ± 1.675 $\chi^2/\text{NDF}: 4285479.4/10$

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

Right Out: 3037.434 ± 1.542 $\chi^2/\text{NDF}: 4435535.8/11$

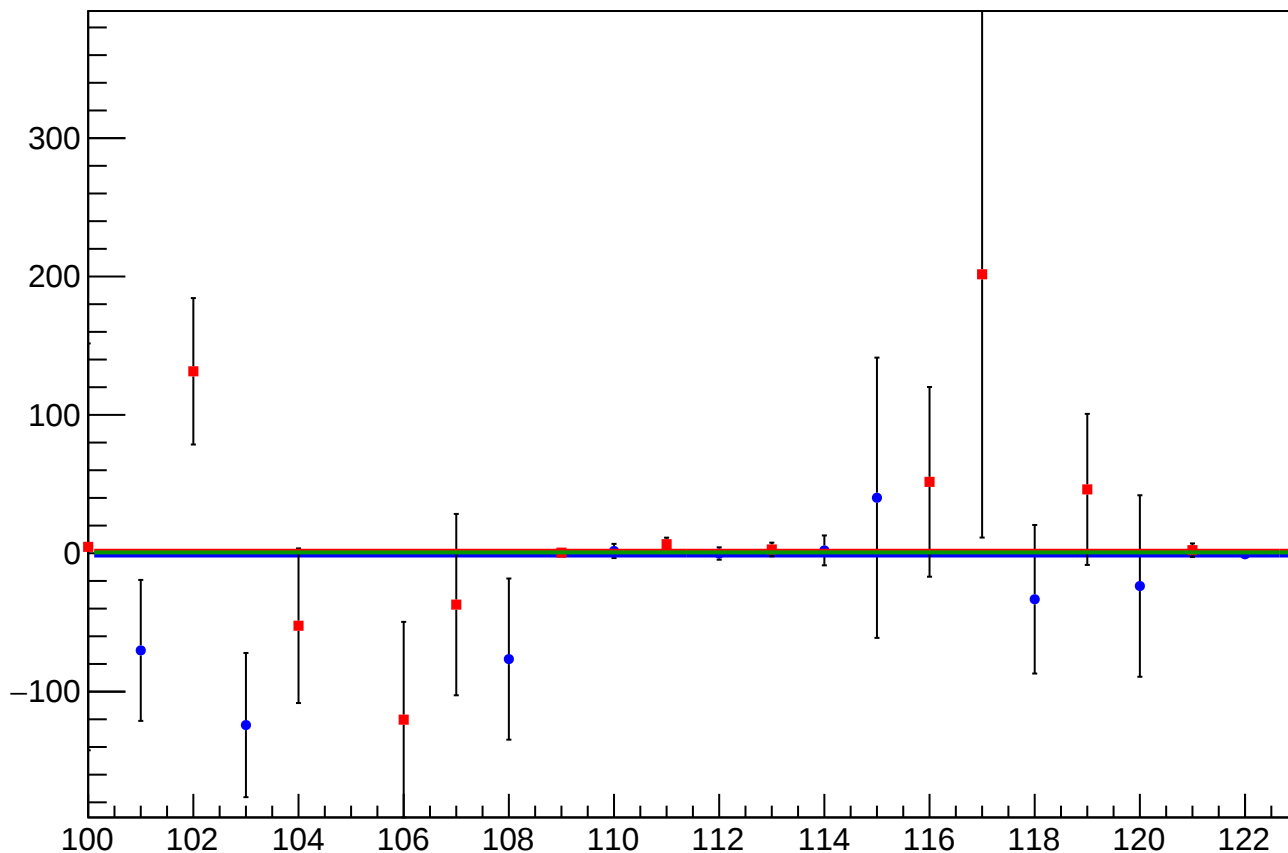
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3135.829 ± 1.675 $\chi^2/\text{NDF}: 4285479.4/10$

3082.574 ± 1.135 $\chi^2/\text{NDF}: 8722882.4/22$

3037.434 ± 1.542 $\chi^2/\text{NDF}: 4435535.8/11$

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -1.617+/-2.323 χ^2 /NDF: 15.7/10

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

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

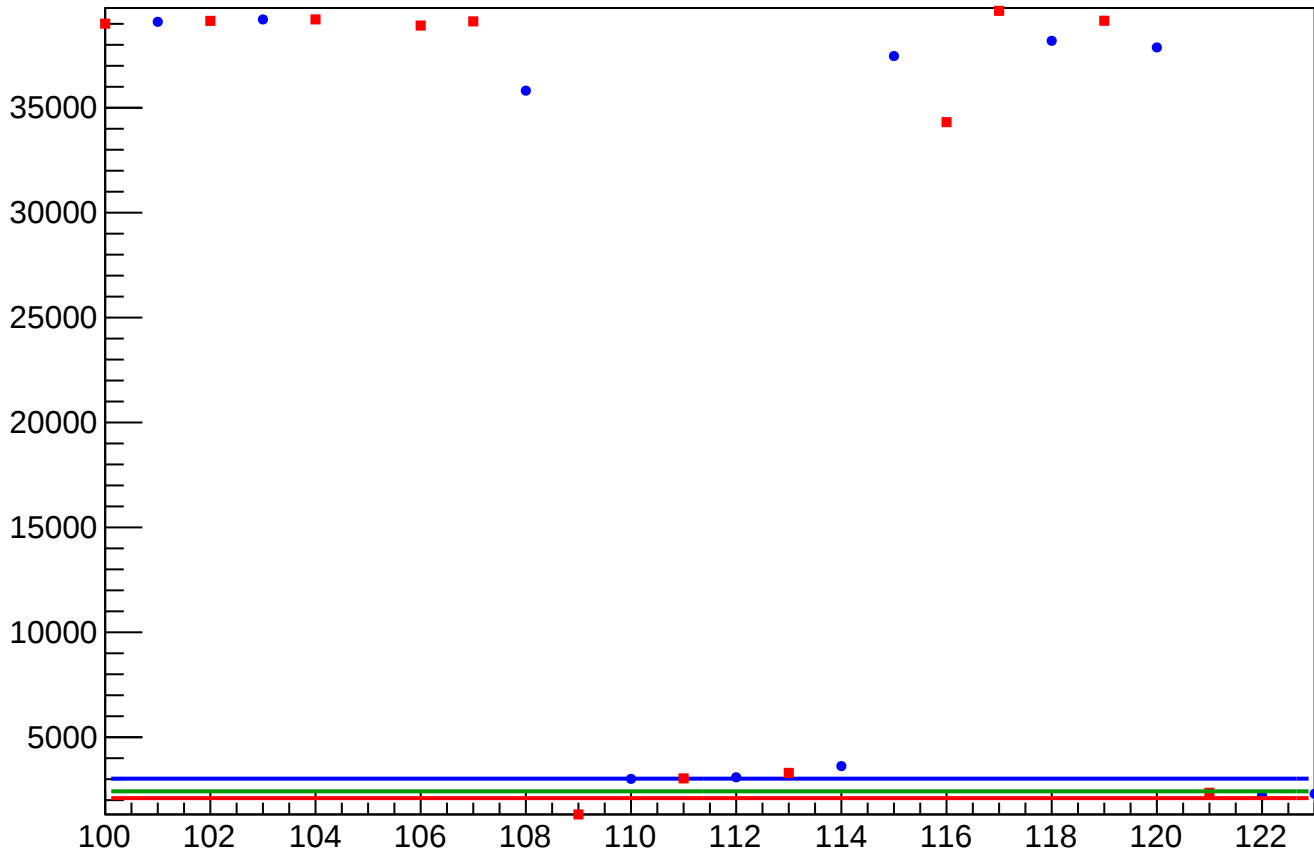
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.617+/-2.323 χ^2 /NDF: 15.7/10

0.613+/-1.376 χ^2 /NDF: 31.2/22

1.818+/-1.708 χ^2 /NDF: 14.0/11

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3025.249+/-1.642 χ^2/NDF : 4370554.8/10

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

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

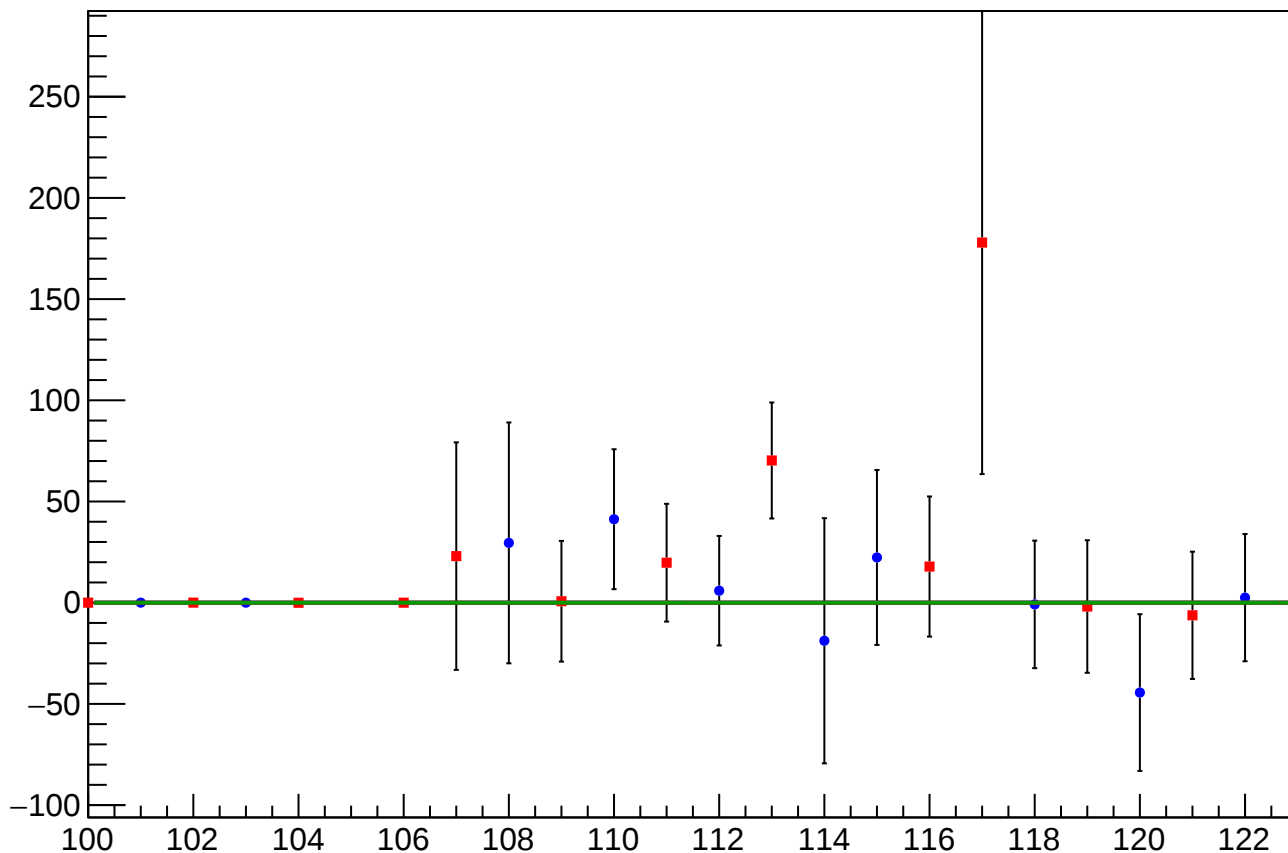
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3025.249+/-1.642 χ^2/NDF : 4370554.8/10

2422.653+/-0.973 χ^2/NDF : 9650524.3/22

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

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 3.6/10

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/11

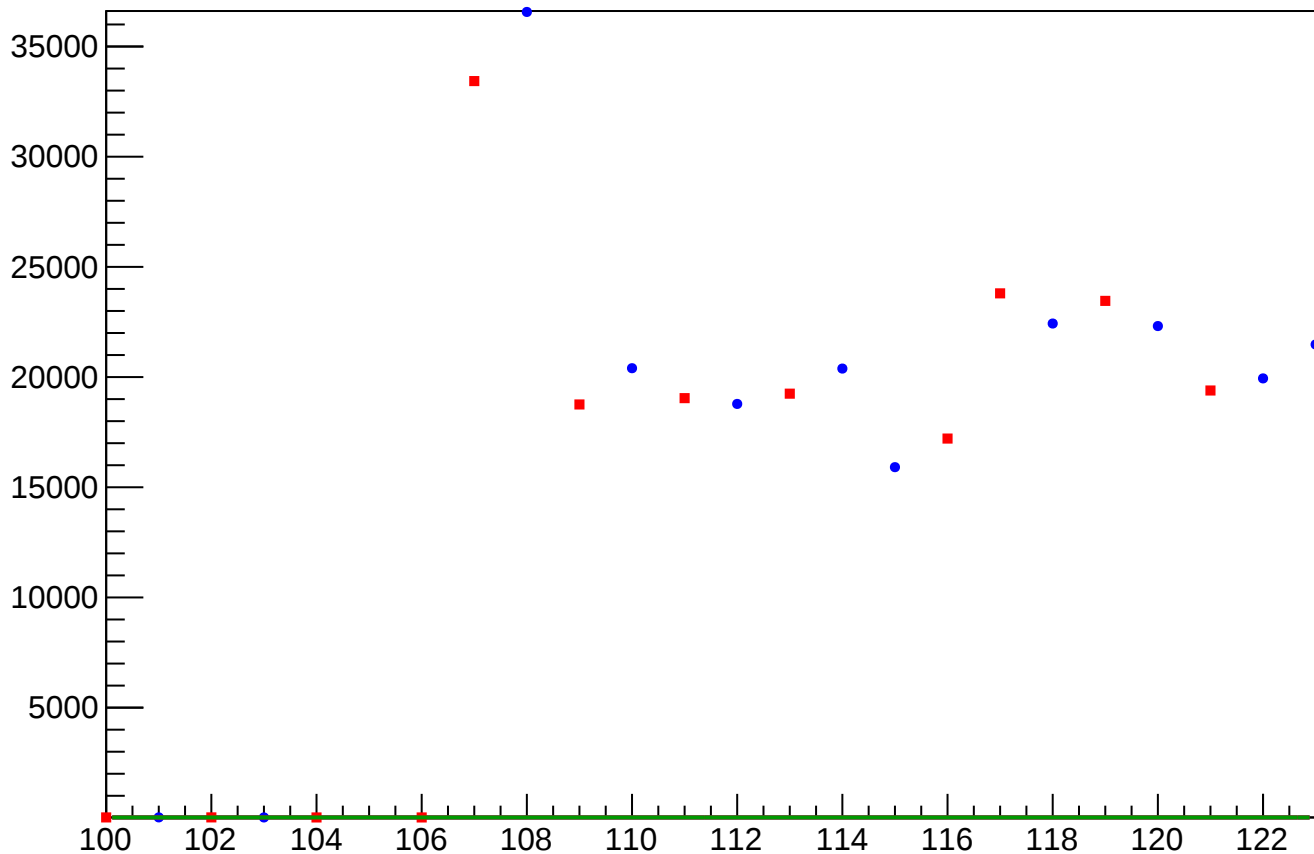
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 3.6/10

0.004 $\pm$ 0.012 χ^2 /NDF: 18.2/22

-0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/11

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.598+/-0.012 χ^2/NDF : 5470586.6/10

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

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

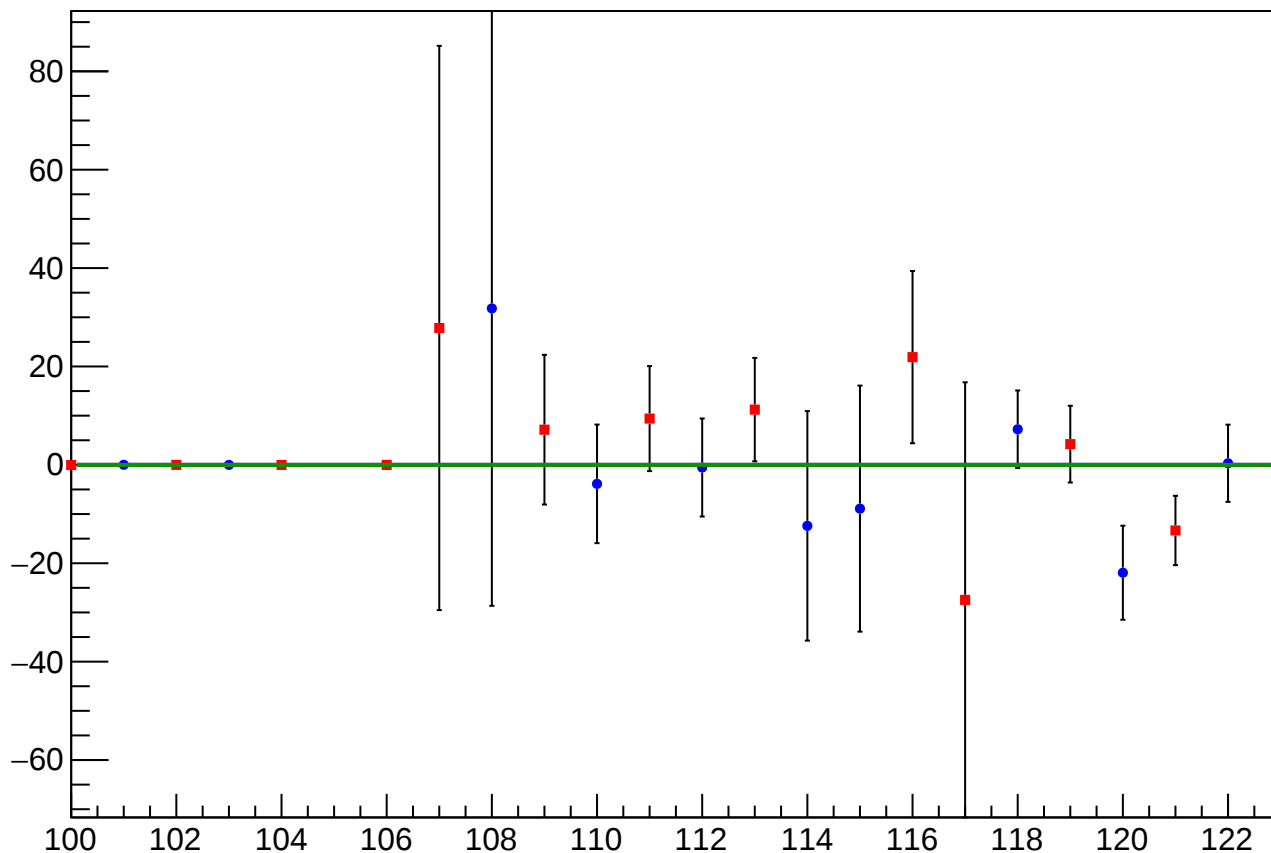
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.598+/-0.012 χ^2/NDF : 5470586.6/10

18.425+/-0.008 χ^2/NDF : 11099407.3/22

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 : 8.3/10

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

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

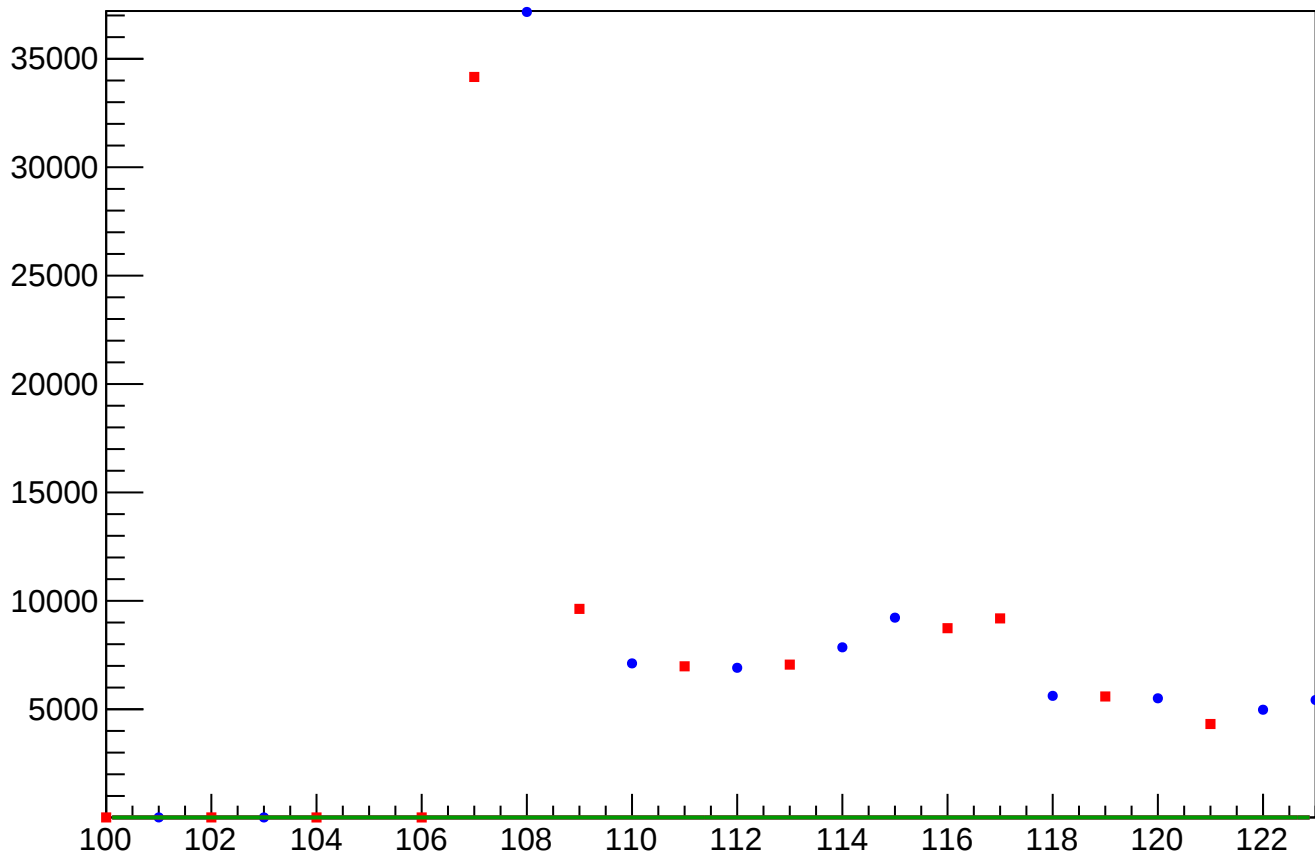
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 8.3/10

-0.007+/-0.006 χ^2/NDF : 18.6/22

-0.014+/-0.009 χ^2/NDF : 8.9/11

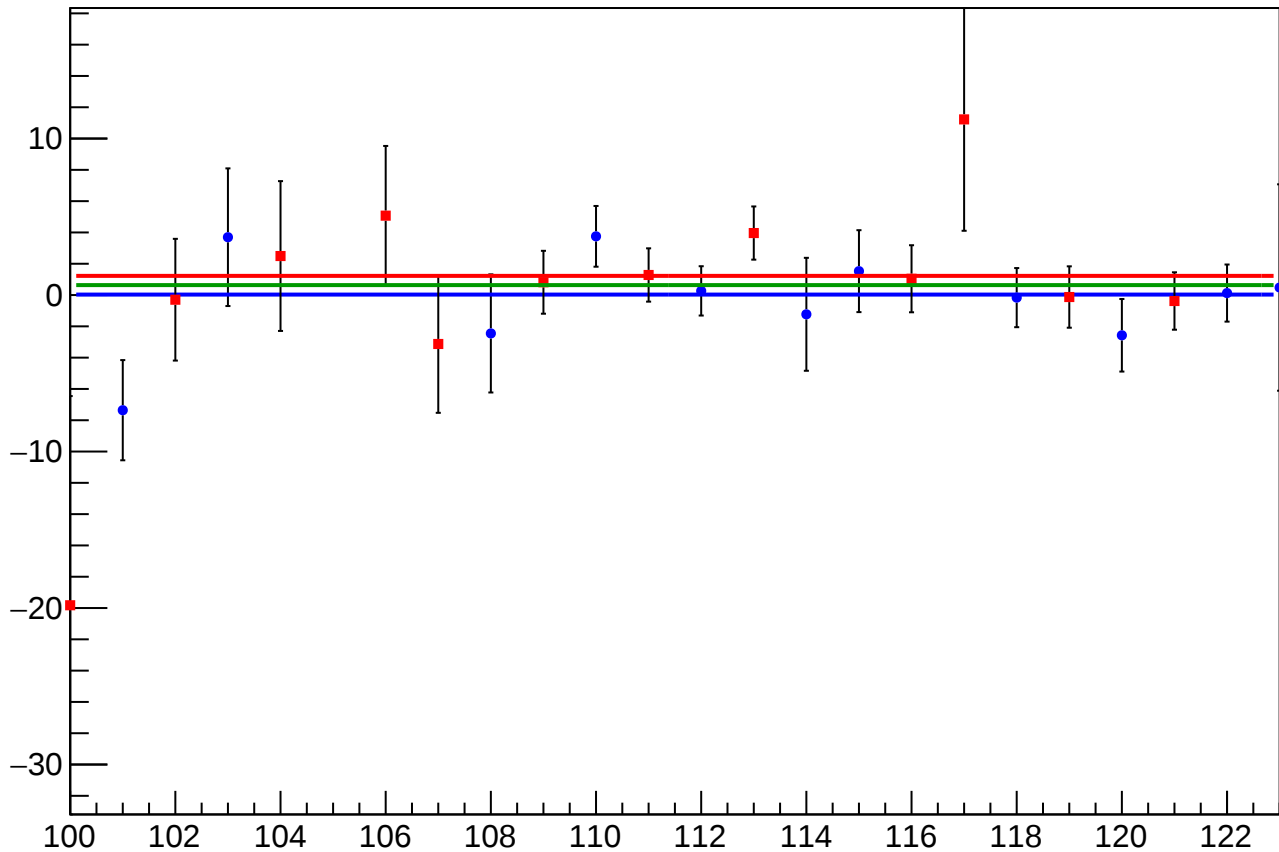
diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.889+/-0.007 χ^2/NDF : 5465377.1/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 9.810+/-0.006 χ^2/NDF : 5629253.7/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.889+/-0.007 χ^2/NDF : 5465377.1/10
 9.847+/-0.004 χ^2/NDF : 11094708.8/22
 9.810+/-0.006 χ^2/NDF : 5629253.7/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.725 χ^2 /NDF: 11.9/10

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

Right Out: 1.225 $\pm$ 0.716 χ^2 /NDF: 10.3/11

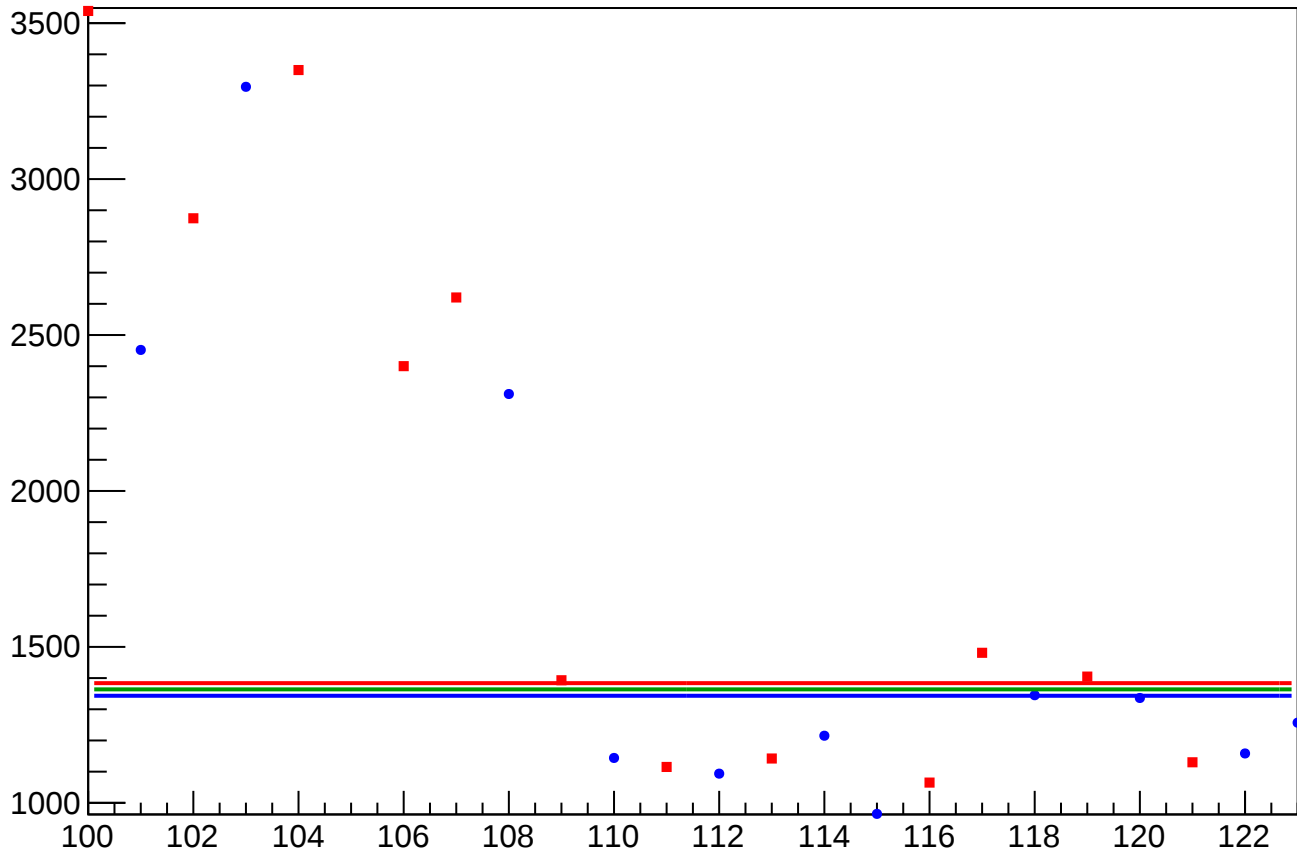
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.030 $\pm$ 0.725 χ^2 /NDF: 11.9/10

0.635 $\pm$ 0.510 χ^2 /NDF: 23.5/22

1.225 $\pm$ 0.716 χ^2 /NDF: 10.3/11

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1343.336 $\pm$ 0.513 χ^2 /NDF: 902241.6/10

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

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

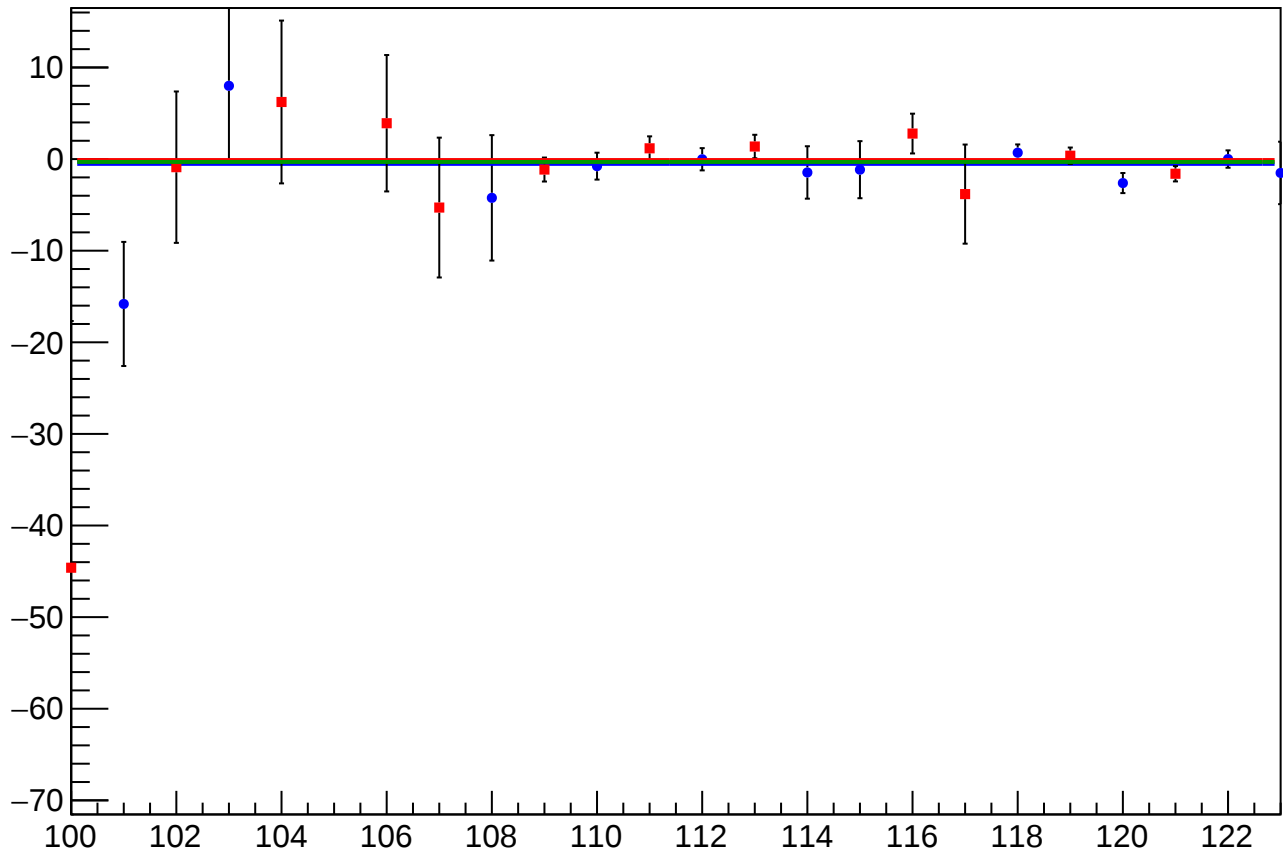
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1343.336 $\pm$ 0.513 χ^2 /NDF: 902241.6/10

1363.828 $\pm$ 0.360 χ^2 /NDF: 2024047.7/22

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

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.520 $\pm$ 0.462 χ^2 /NDF: 12.6/10

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

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

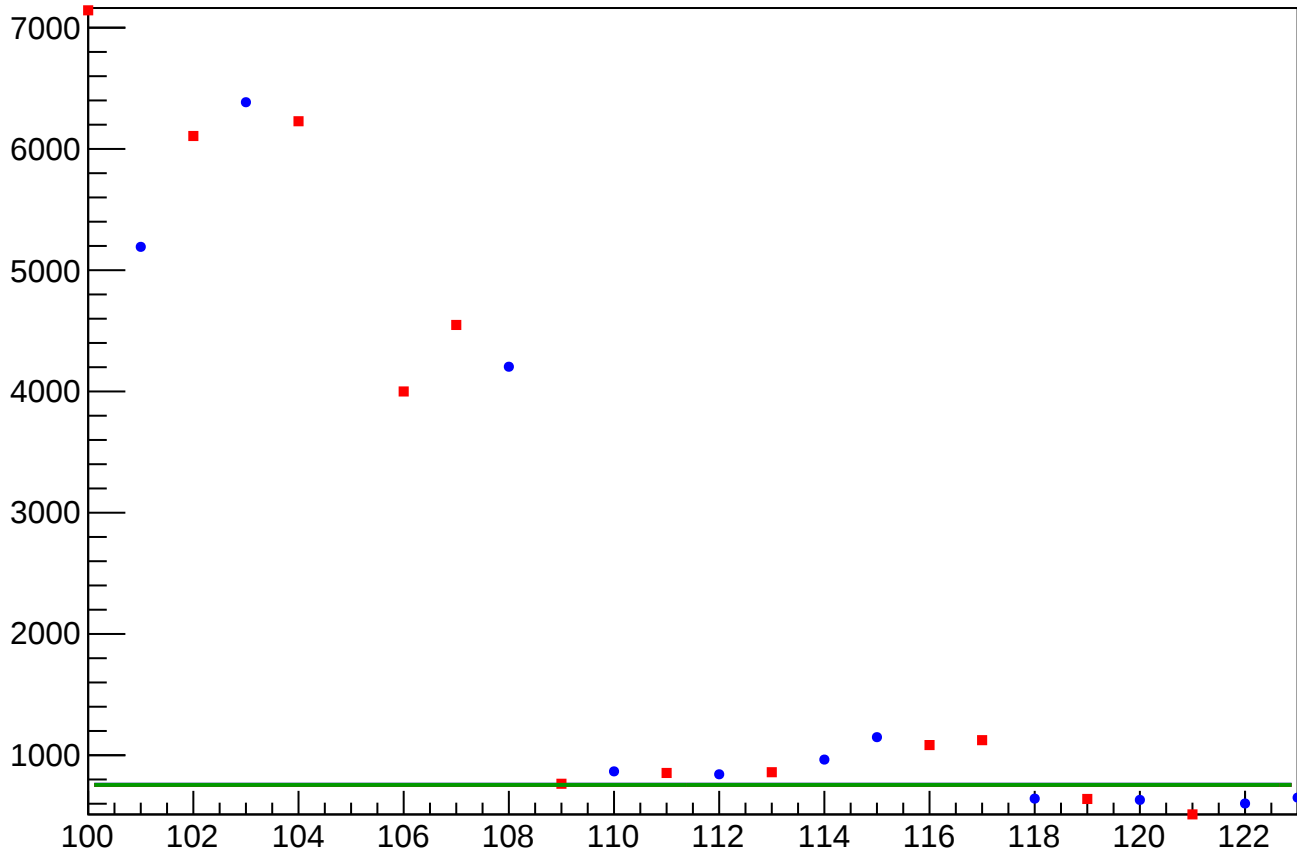
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.520 $\pm$ 0.462 χ^2 /NDF: 12.6/10

-0.311 $\pm$ 0.325 χ^2 /NDF: 25.7/22

-0.106 $\pm$ 0.458 χ^2 /NDF: 12.6/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 756.138+/-0.327 χ^2/NDF : 2420131.6/10

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

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

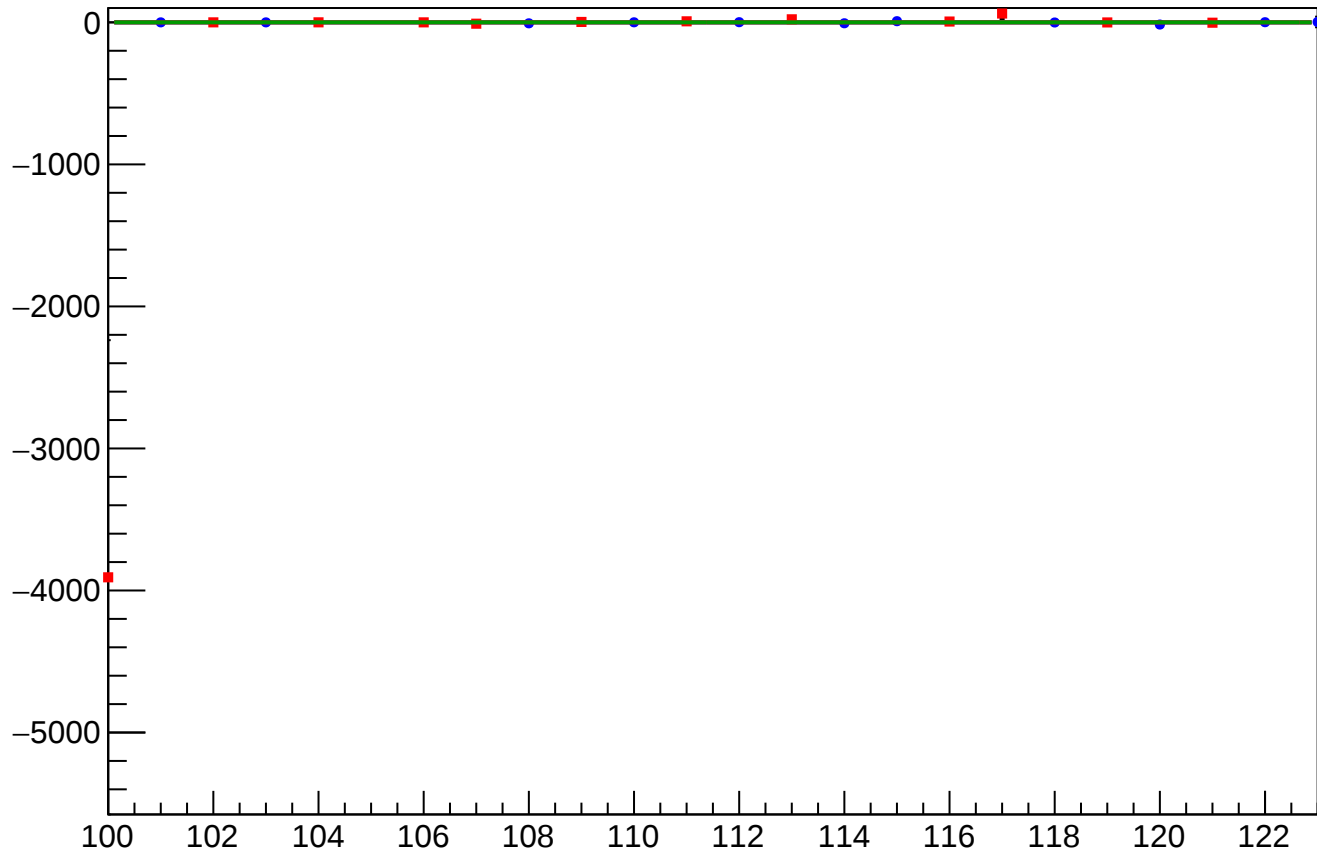
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

756.138+/-0.327 χ^2/NDF : 2420131.6/10

755.481+/-0.230 χ^2/NDF : 5285890.7/22

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 : 2.8/10

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

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

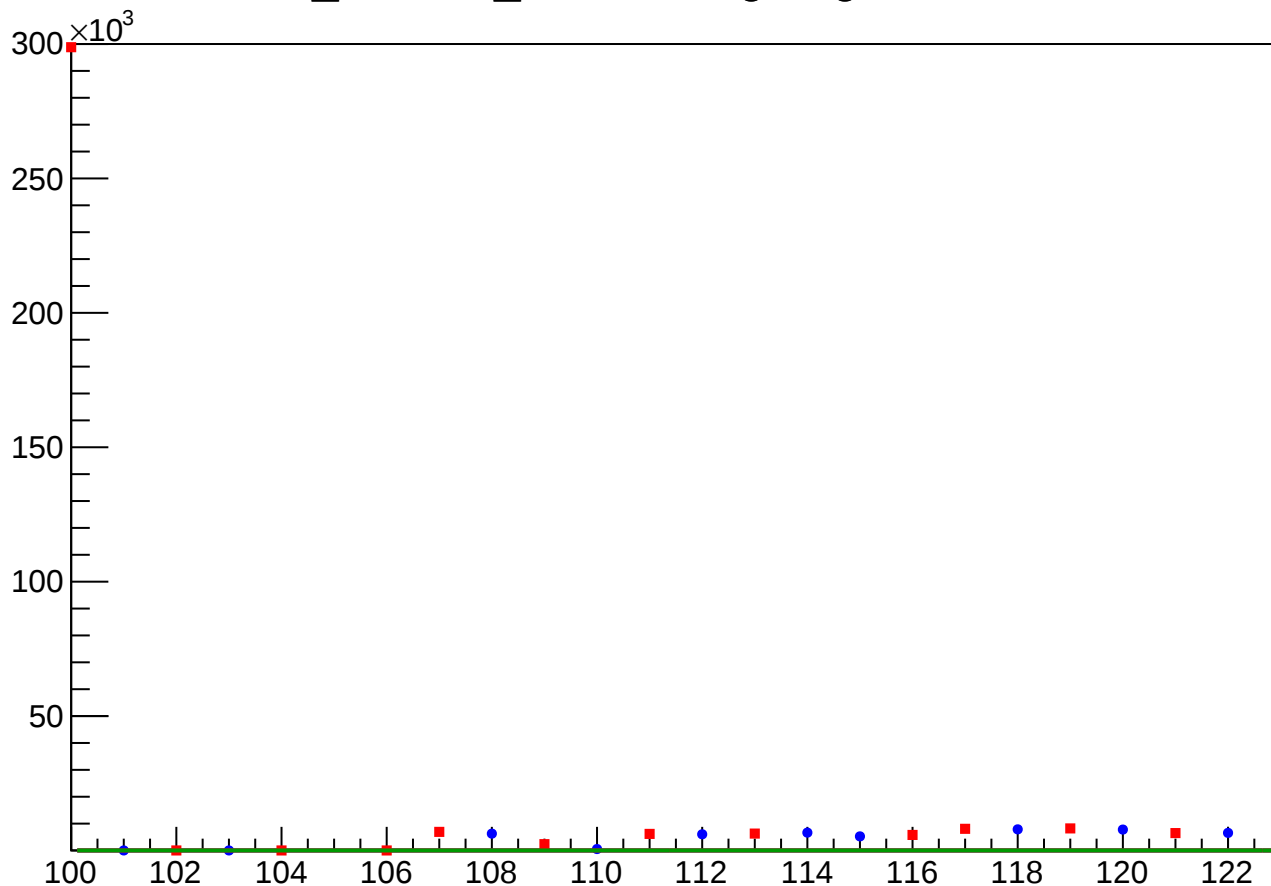
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 2.8/10

0.004+/-0.014 χ^2/NDF : 21.7/22

0.027+/-0.020 χ^2/NDF : 16.1/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.155 $\pm$ 0.015 χ^2 /NDF: 4993543.8/10

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

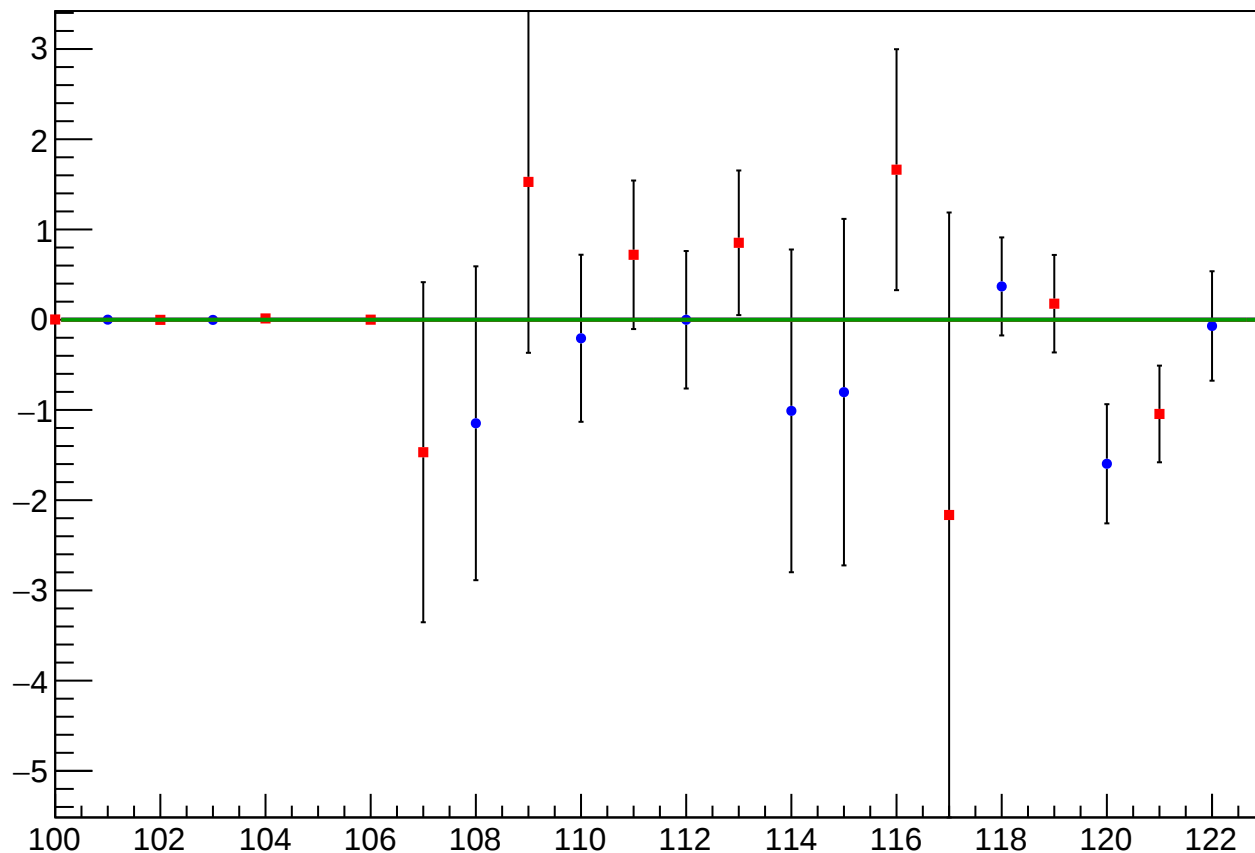
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.155 $\pm$ 0.015 χ^2 /NDF: 4993543.8/10

17.133 $\pm$ 0.010 χ^2 /NDF: 10345831.0/22

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: 7.6/10

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

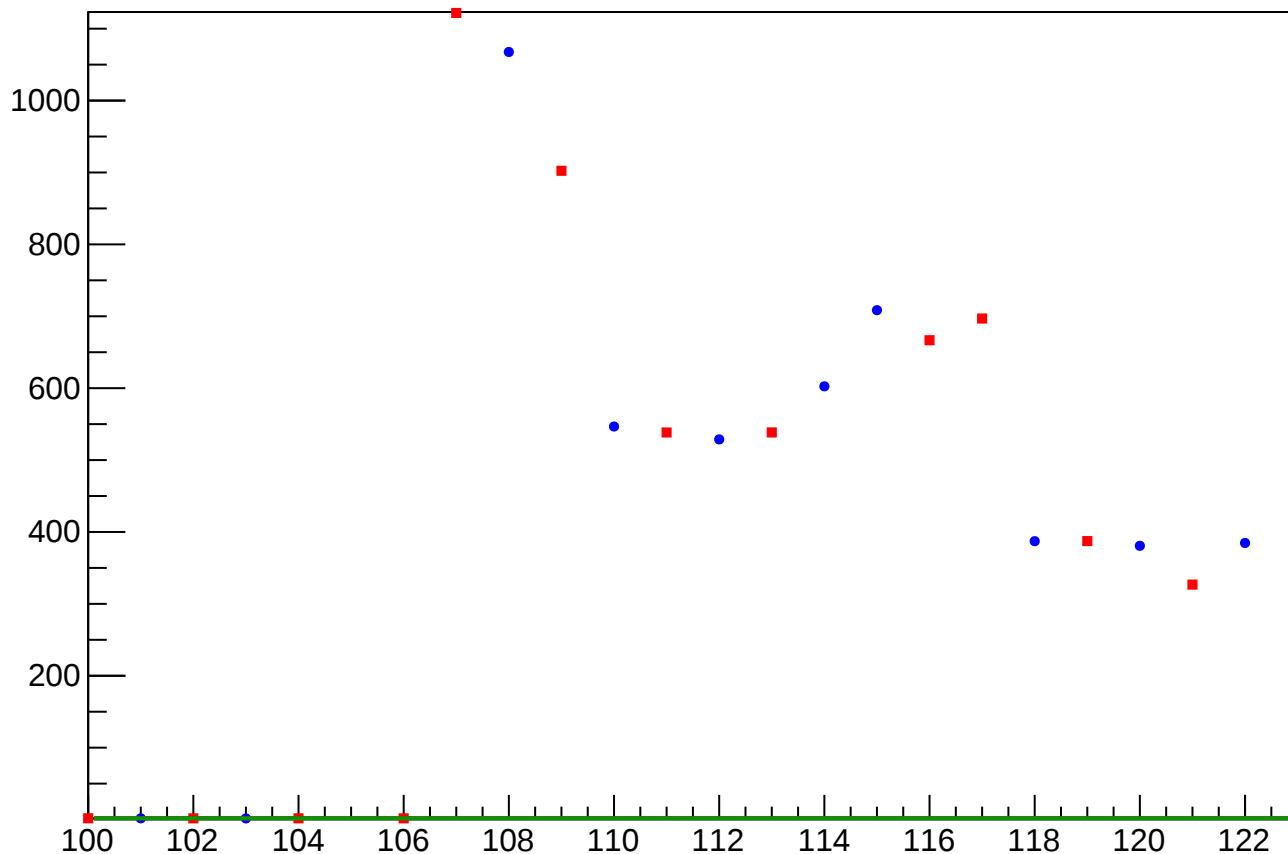
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 7.6/10

-0.000 $\pm$ 0.001 χ^2 /NDF: 17.8/22

-0.001 $\pm$ 0.002 χ^2 /NDF: 10.0/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.668+/-0.001 χ^2/NDF : 5435765.2/10

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

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

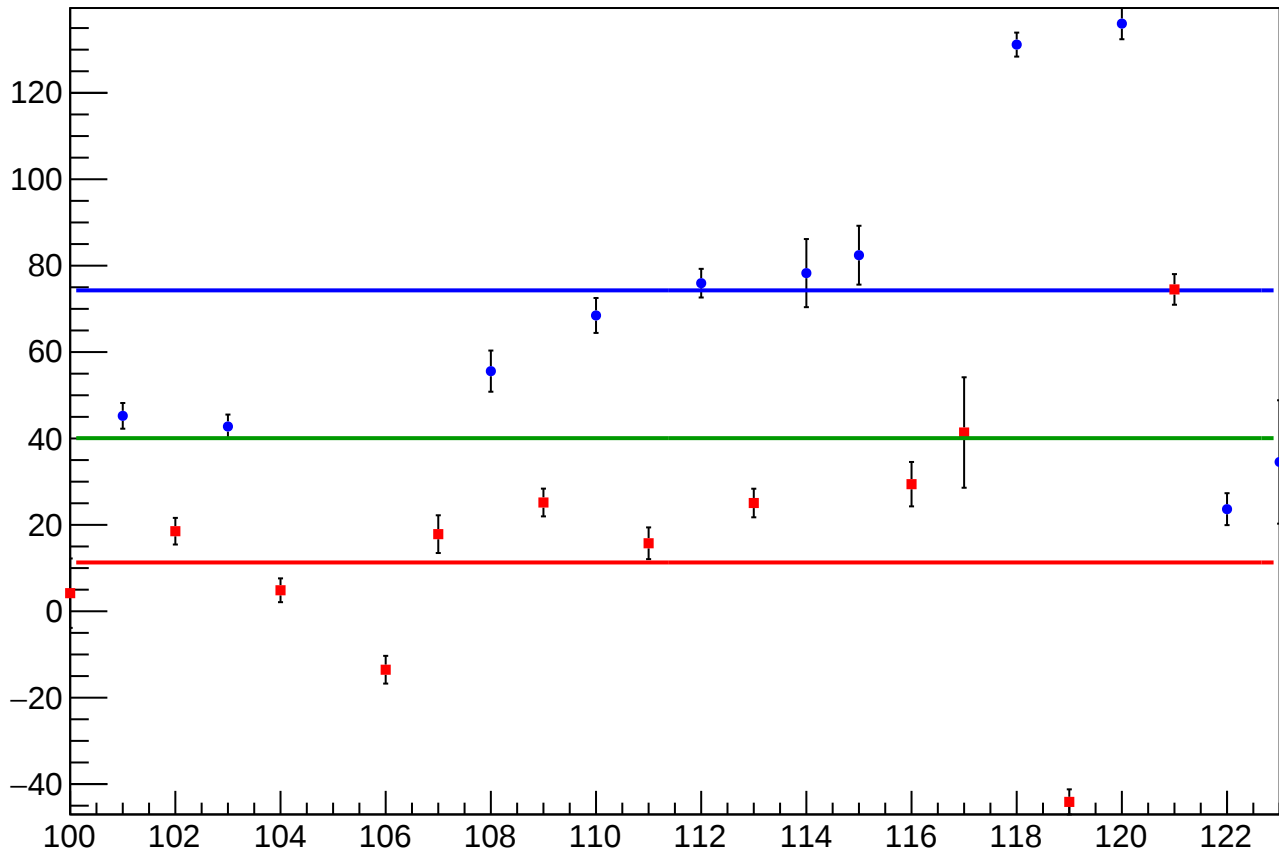
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.668+/-0.001 χ^2/NDF : 5435765.2/10

1.684+/-0.001 χ^2/NDF : 10679632.6/22

1.699+/-0.001 χ^2/NDF : 5243620.1/11

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 74.281+/-1.145 χ^2/NDF : 1152.0/10

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

Right Out: 11.298+/-1.051 χ^2/NDF : 810.4/11

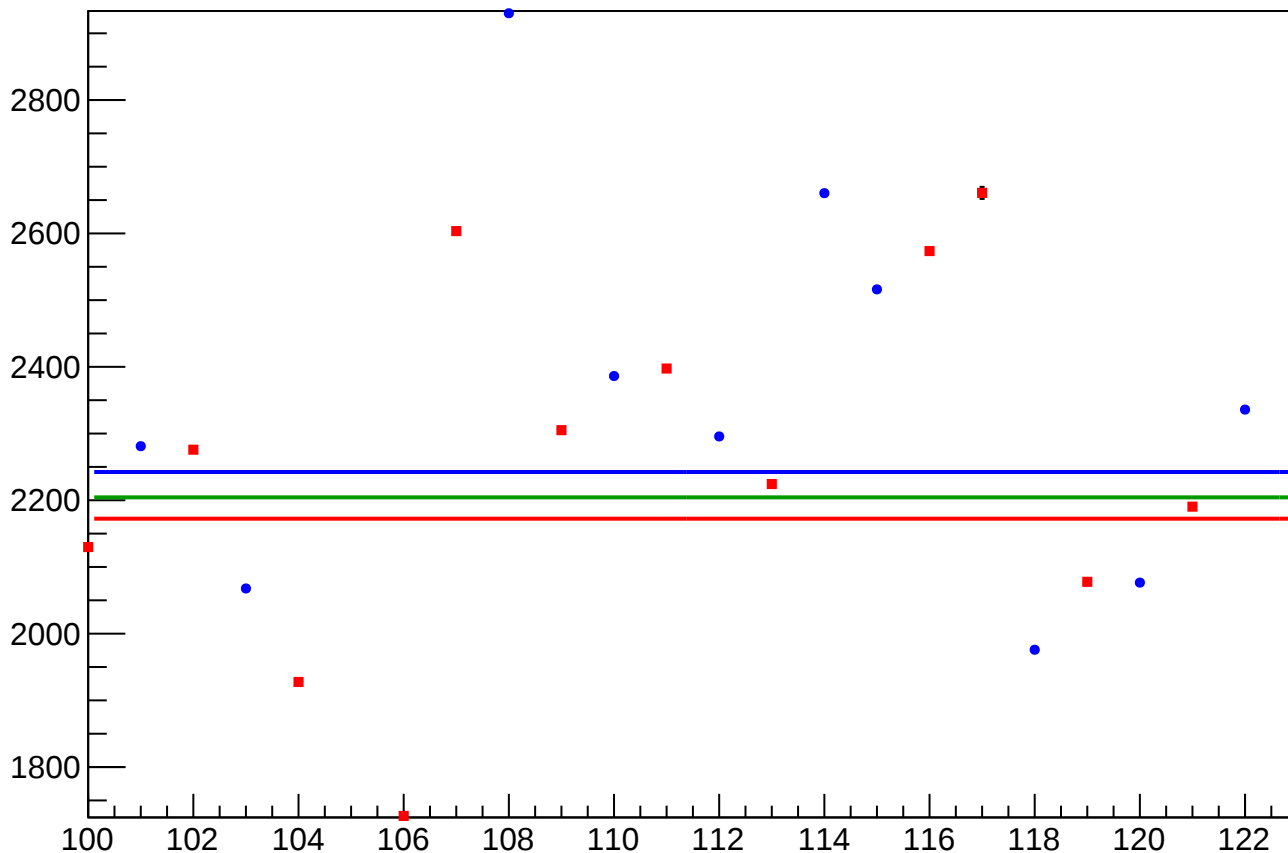
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.281+/-1.145 χ^2/NDF : 1152.0/10

40.074+/-0.774 χ^2/NDF : 3604.6/22

11.298+/-1.051 χ^2/NDF : 810.4/11

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2242.345 $\pm$ 0.810 χ^2/NDF : 88099.4/10

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

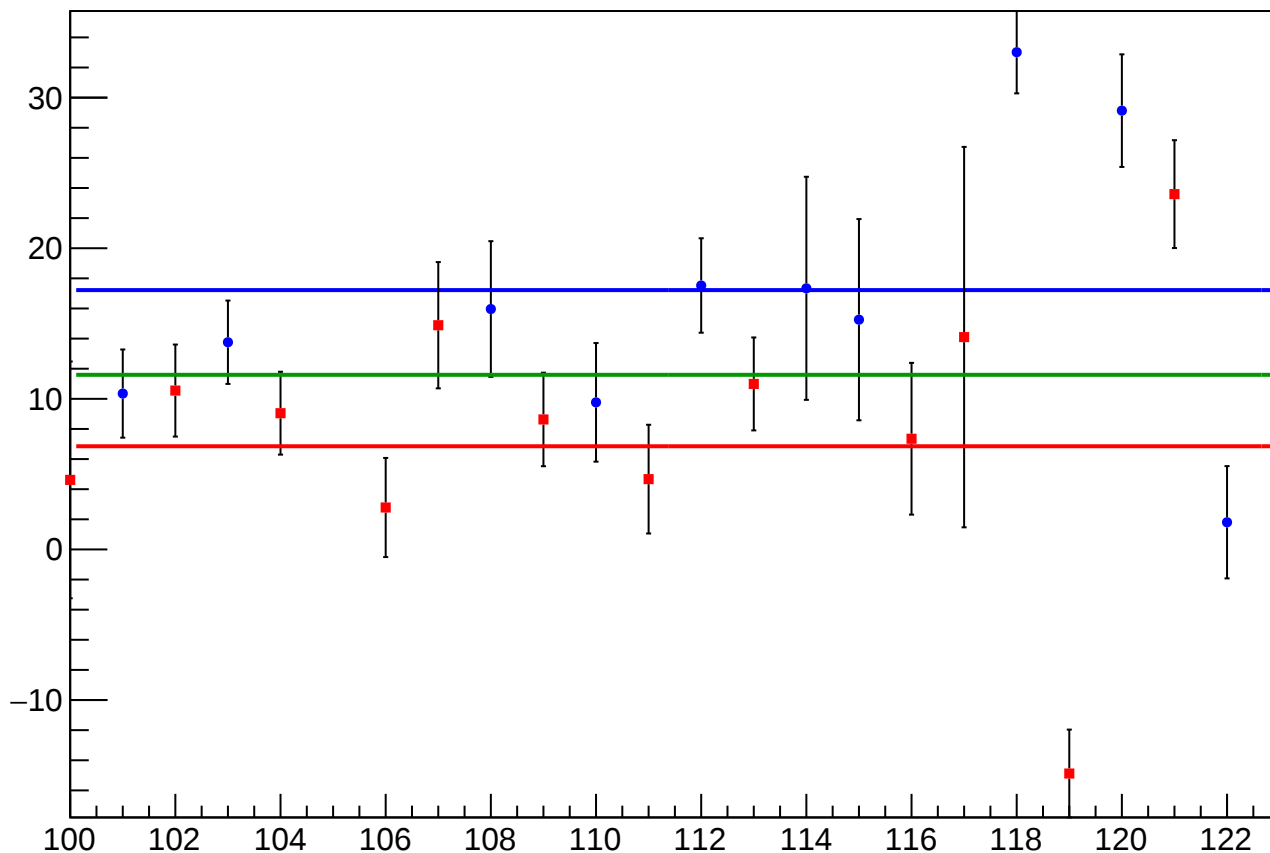
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2242.345 $\pm$ 0.810 χ^2/NDF : 88099.4/10

2204.346 $\pm$ 0.547 χ^2/NDF : 196981.6/22

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

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 17.220+/-1.128 χ^2/NDF : 72.0/10

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

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

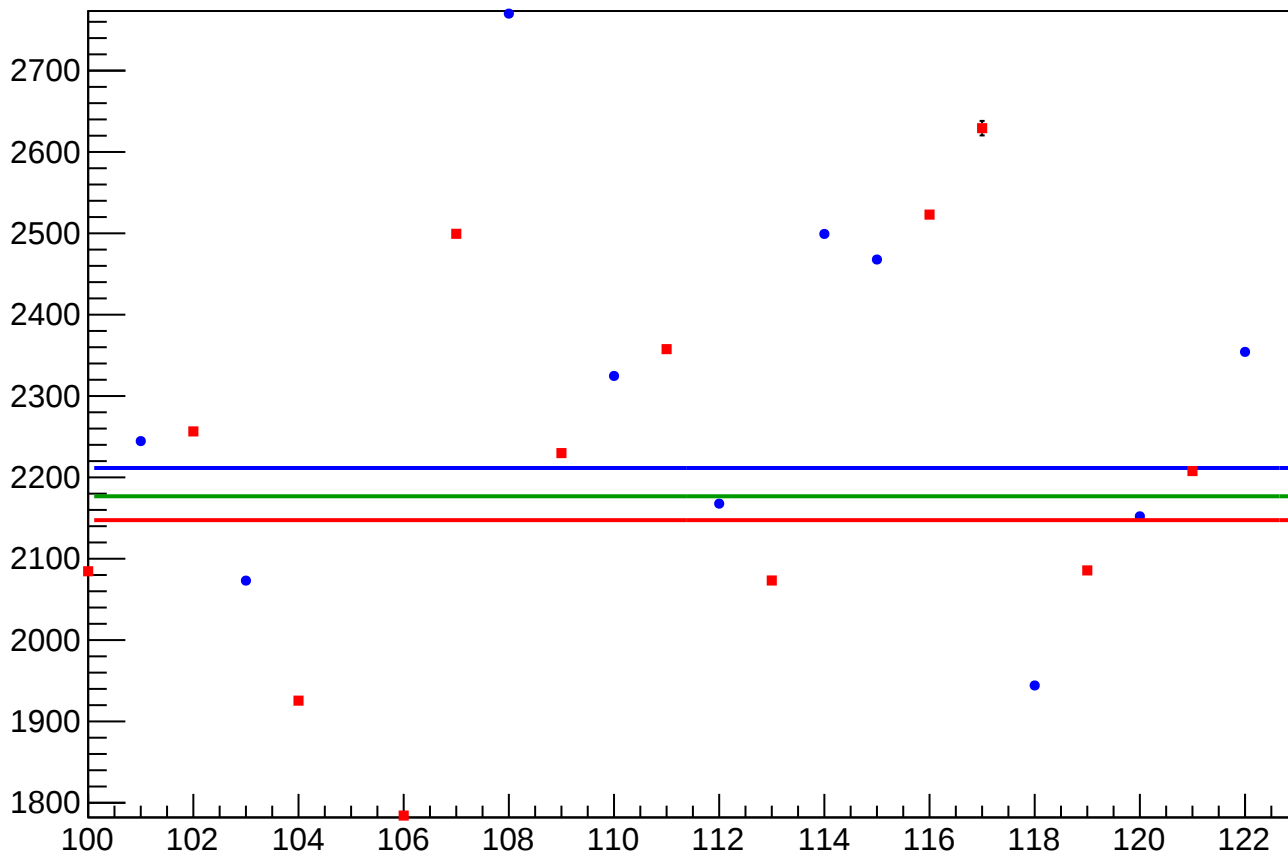
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.220+/-1.128 χ^2/NDF : 72.0/10

11.595+/-0.763 χ^2/NDF : 205.4/22

6.851+/-1.036 χ^2/NDF : 87.6/11

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2211.550+/-0.798 χ^2/NDF : 69460.4/10

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

Right Out: 2147.438+/-0.733 χ^2/NDF : 78960.9/11

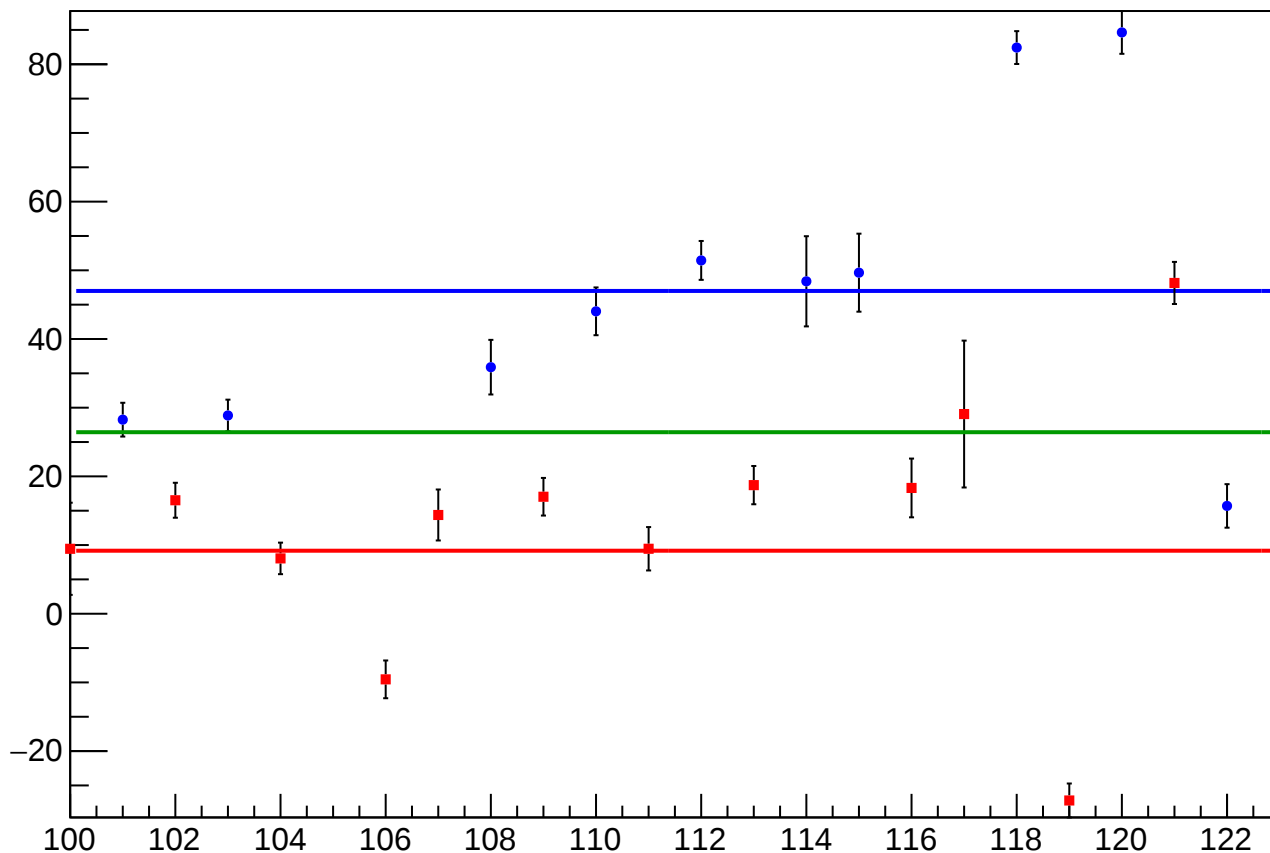
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2211.550+/-0.798 χ^2/NDF : 69460.4/10

2176.770+/-0.540 χ^2/NDF : 151923.8/22

2147.438+/-0.733 χ^2/NDF : 78960.9/11

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 46.997 $\pm$ 0.970 χ^2/NDF : 597.9/10

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

Right Out: 9.176 $\pm$ 0.888 χ^2/NDF : 463.2/11

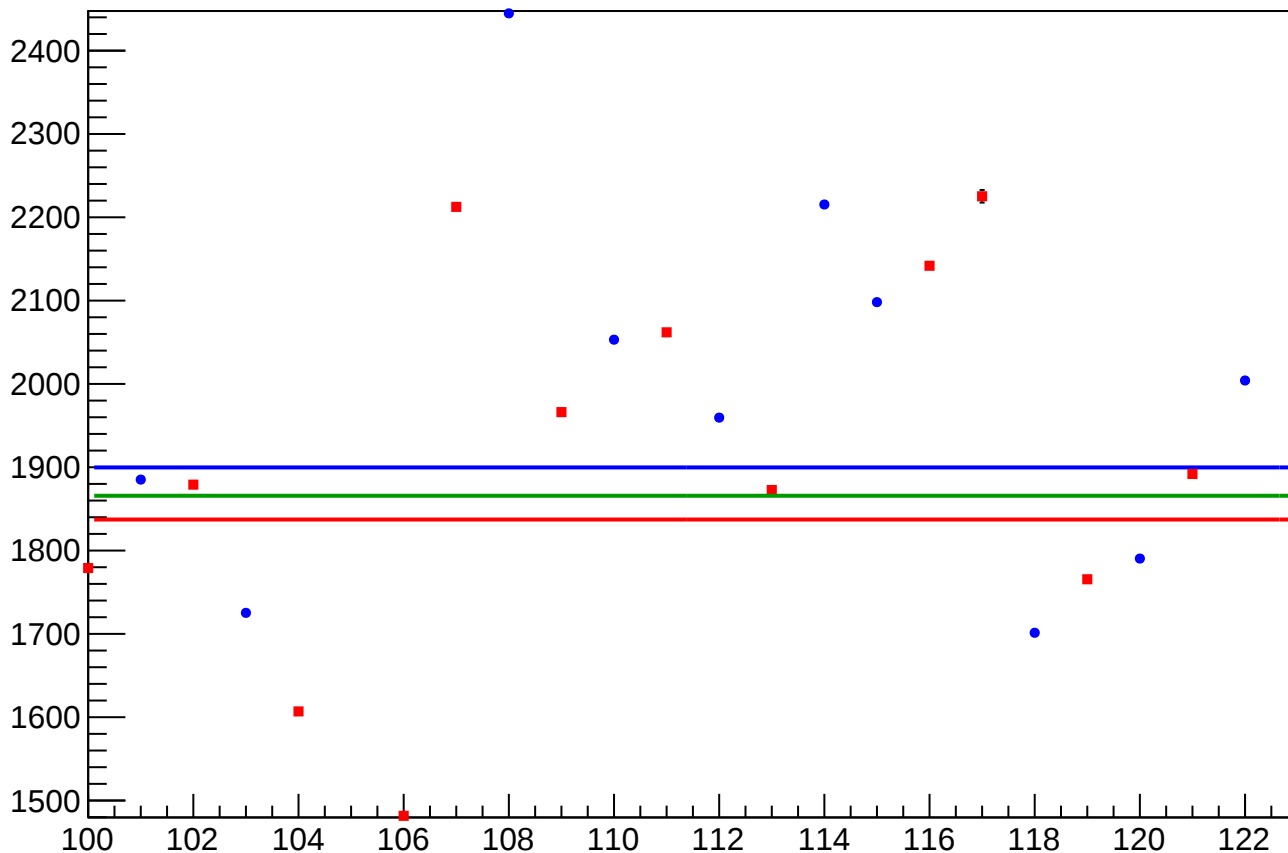
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

46.997 $\pm$ 0.970 χ^2/NDF : 597.9/10

26.431 $\pm$ 0.655 χ^2/NDF : 1888.1/22

9.176 $\pm$ 0.888 χ^2/NDF : 463.2/11

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1899.788 $\pm$ 0.686 χ^2 /NDF: 81704.9/10

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

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

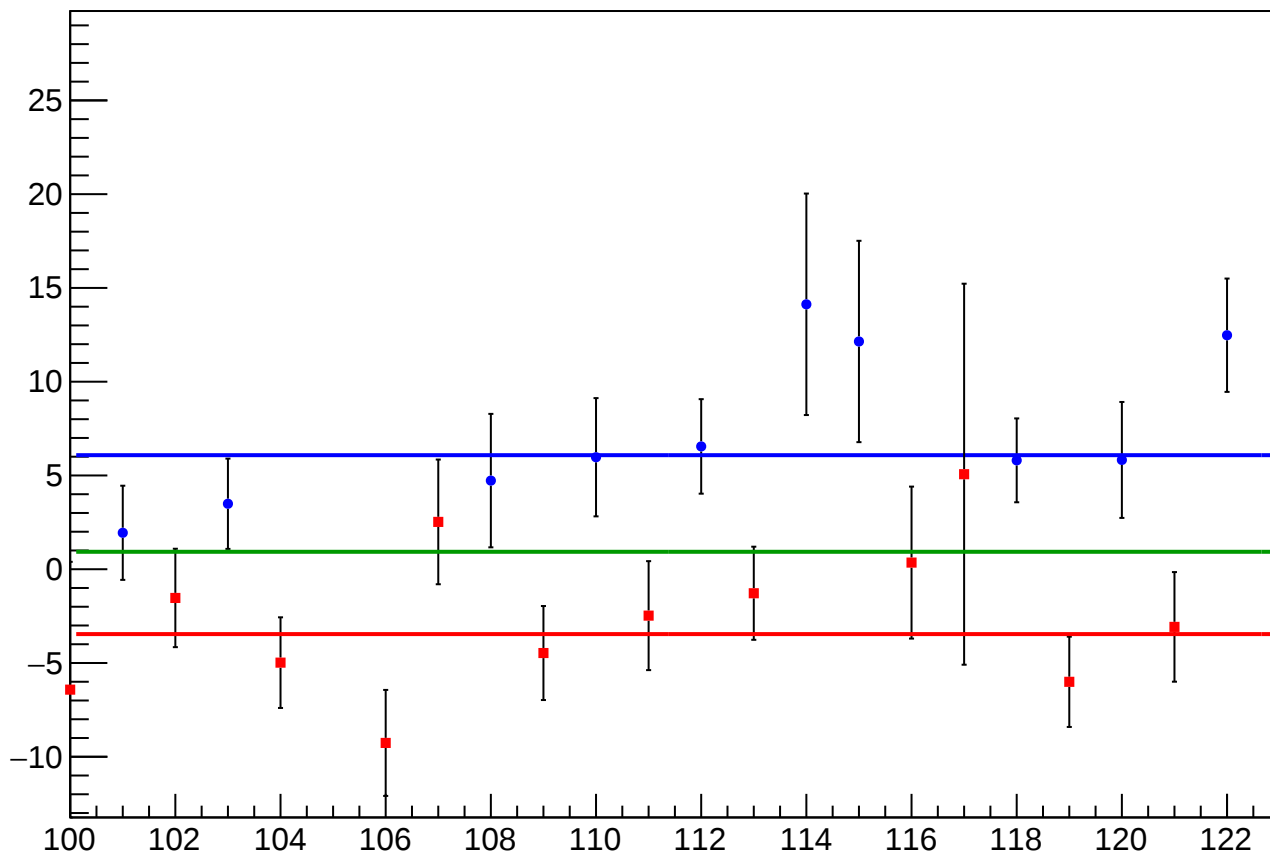
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1899.788 $\pm$ 0.686 χ^2 /NDF: 81704.9/10

1865.785 $\pm$ 0.463 χ^2 /NDF: 190945.1/22

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

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 6.082 ± 0.931 χ^2/NDF : 12.8/10

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

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

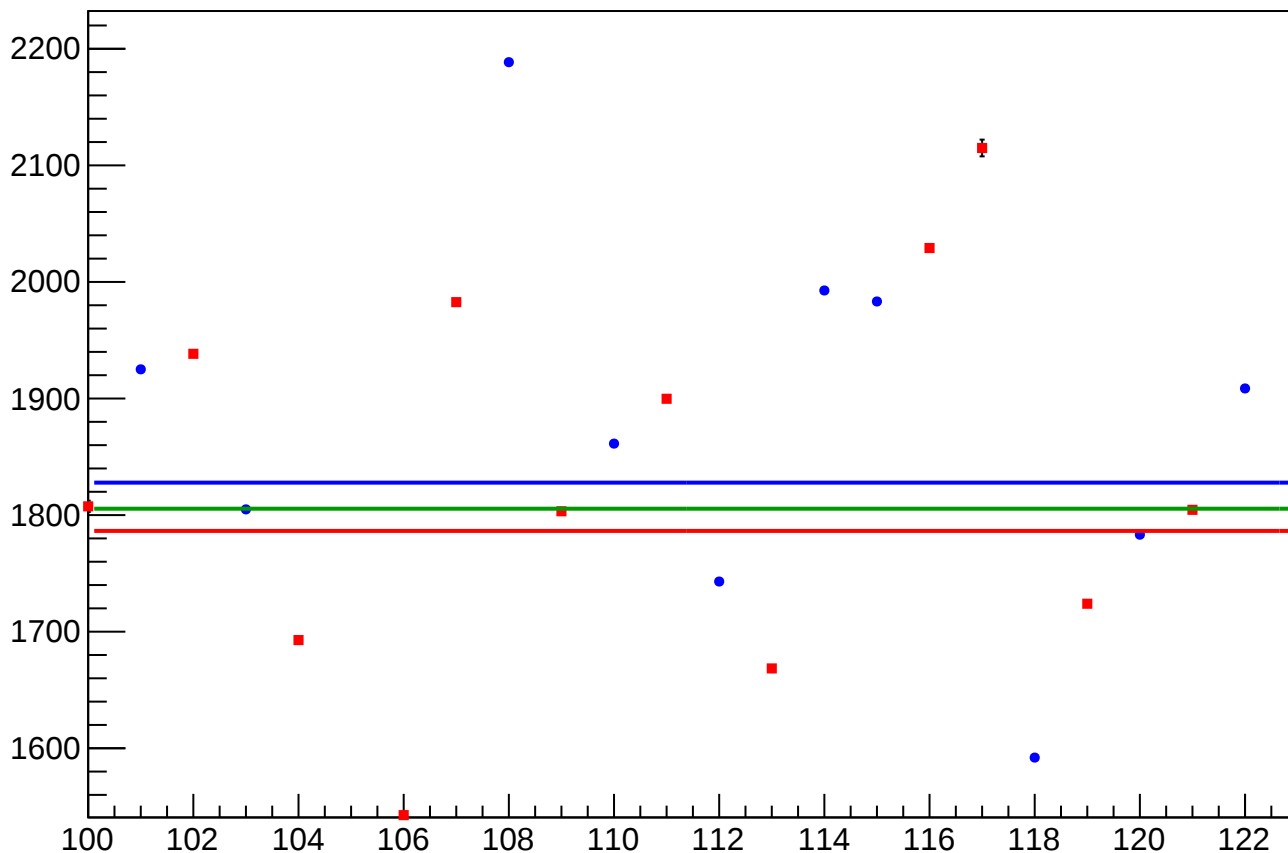
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.082 ± 0.931 χ^2/NDF : 12.8/10

0.930 ± 0.632 χ^2/NDF : 81.8/22

-3.459 ± 0.859 χ^2/NDF : 12.4/11

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1827.855 ± 0.658 χ^2/NDF : 55868.5/10

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

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

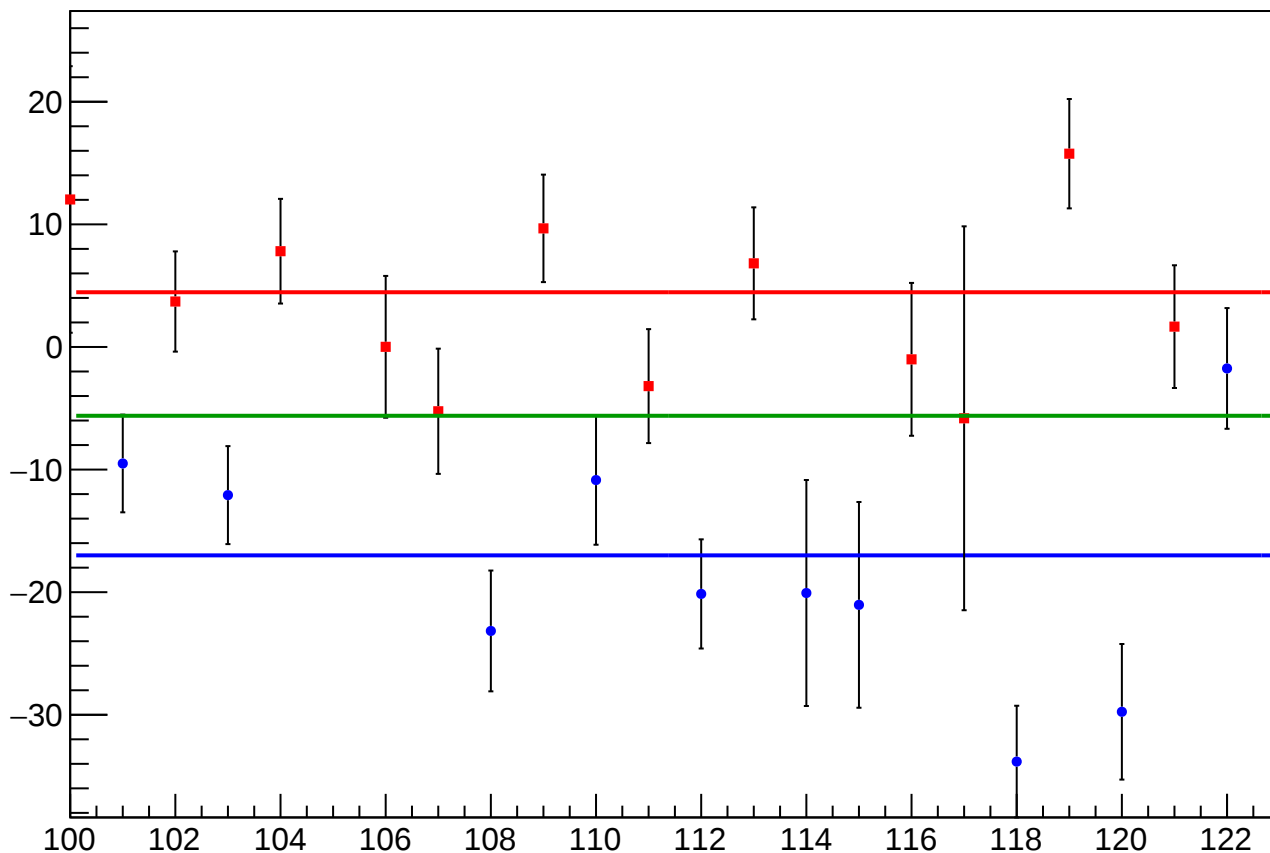
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1827.855 ± 0.658 χ^2/NDF : 55868.5/10

1805.488 ± 0.447 χ^2/NDF : 107918.3/22

1786.436 ± 0.608 χ^2/NDF : 49913.1/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -16.997 $\pm$ 1.571 χ^2 /NDF: 40.3/10

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

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

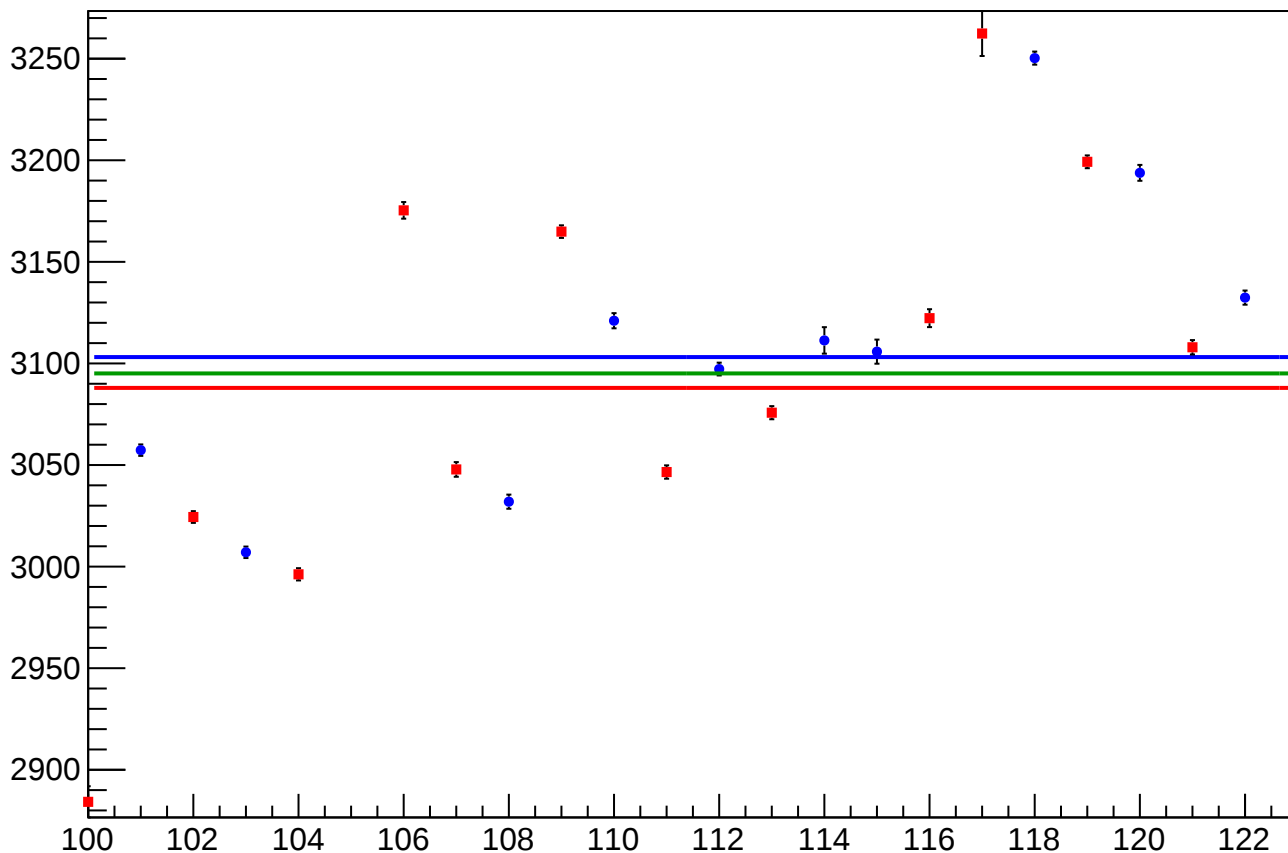
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-16.997 $\pm$ 1.571 χ^2 /NDF: 40.3/10

-5.611 $\pm$ 1.077 χ^2 /NDF: 156.9/22

4.464 $\pm$ 1.478 χ^2 /NDF: 17.7/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3103.135+/-1.111 χ^2 /NDF: 4566.4/10

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

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

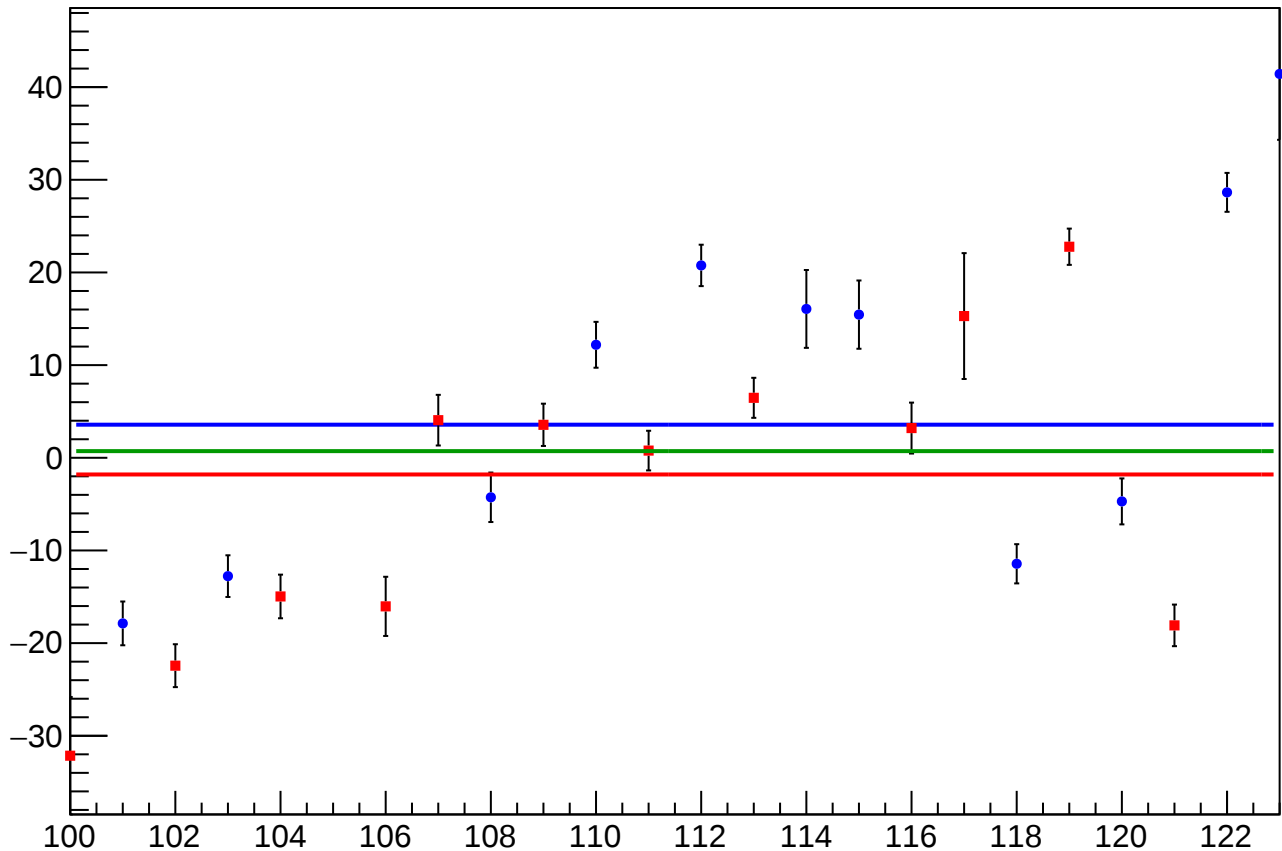
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3103.135+/-1.111 χ^2 /NDF: 4566.4/10

3095.086+/-0.761 χ^2 /NDF: 9729.8/22

3087.962+/-1.045 χ^2 /NDF: 5064.4/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.572+/-0.780 χ^2/NDF : 466.8/10

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

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

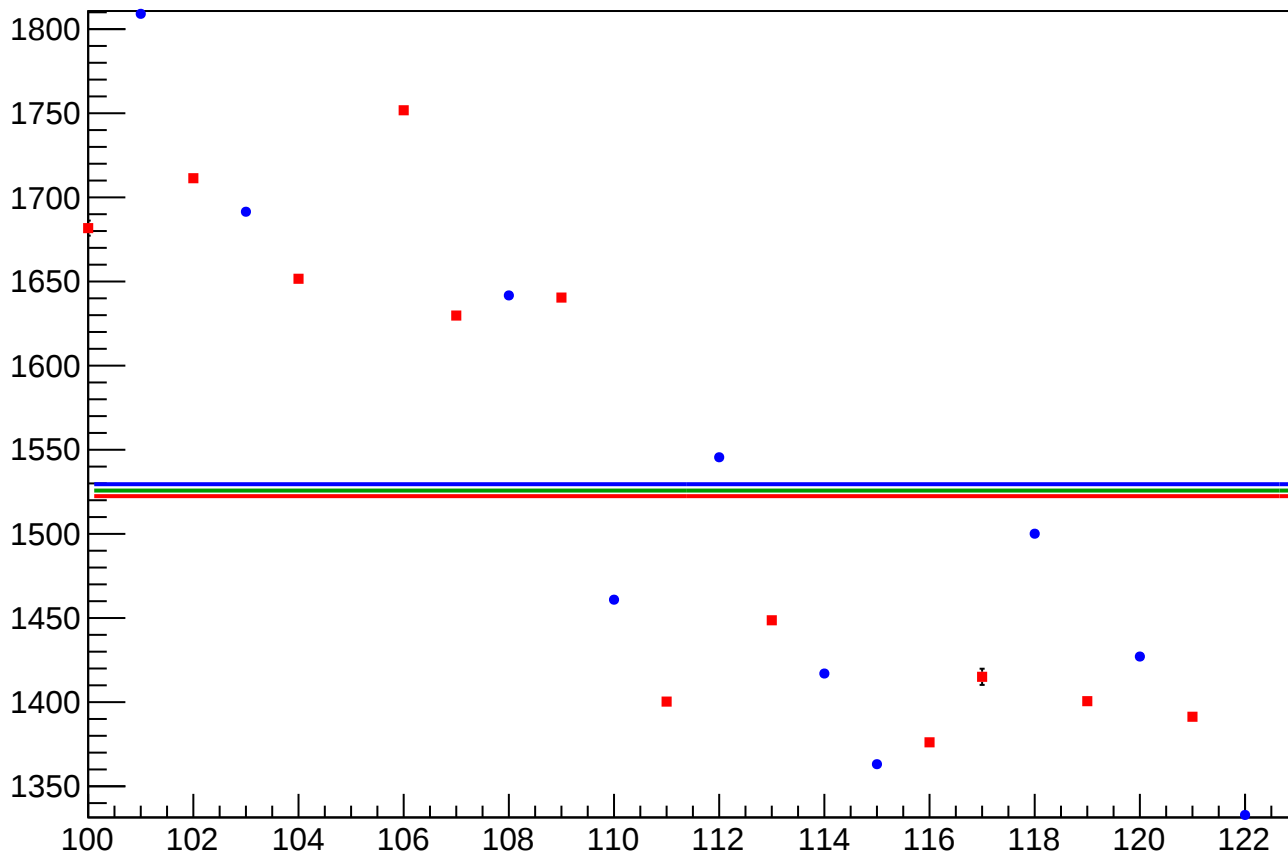
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.572+/-0.780 χ^2/NDF : 466.8/10

0.718+/-0.534 χ^2/NDF : 891.8/22

-1.800+/-0.733 χ^2/NDF : 399.8/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1529.529 $\pm$ 0.551 χ^2 /NDF: 71572.8/10

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

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

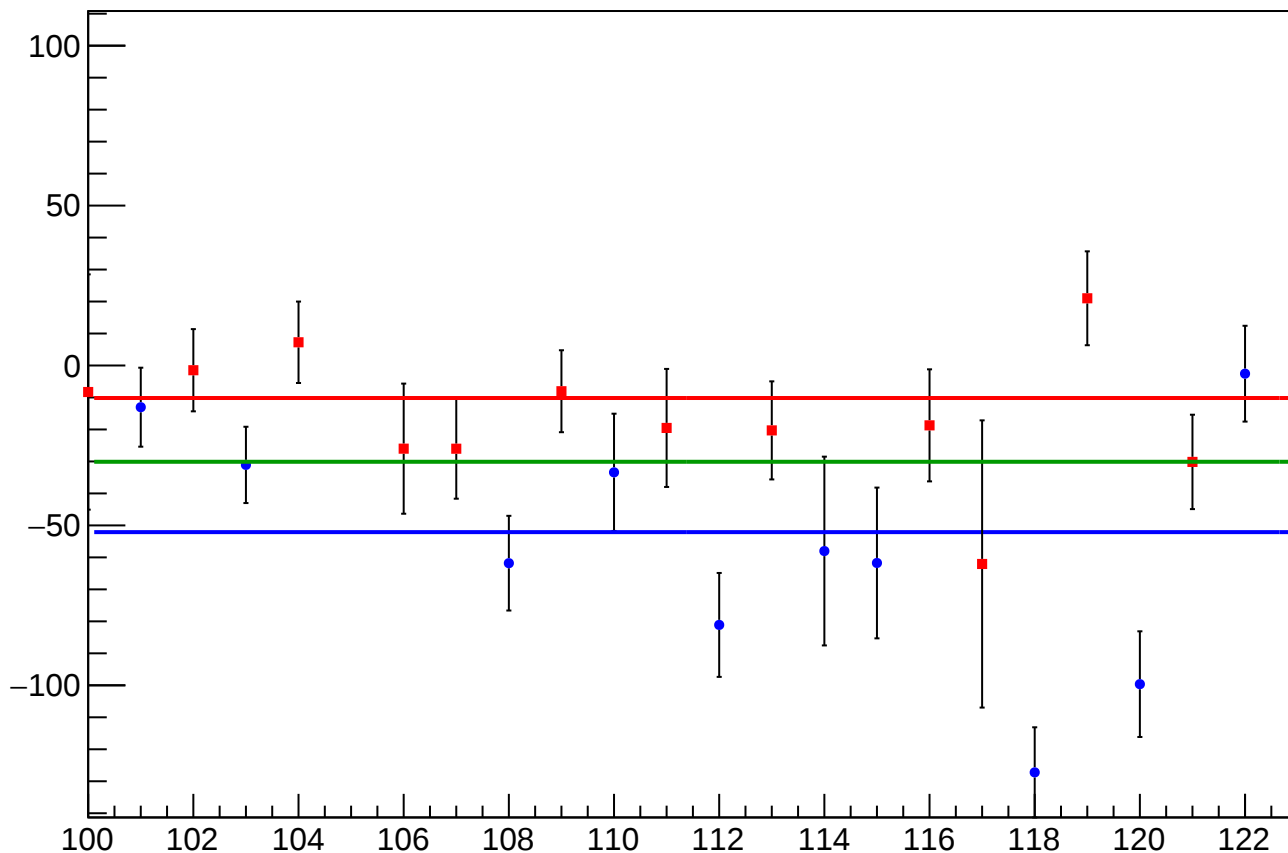
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1529.529 $\pm$ 0.551 χ^2 /NDF: 71572.8/10

1525.757 $\pm$ 0.378 χ^2 /NDF: 140625.9/22

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

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -52.103+/-4.912 χ^2/NDF : 71.4/10

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

Right Out: -10.166+/-4.676 χ^2/NDF : 12.6/11

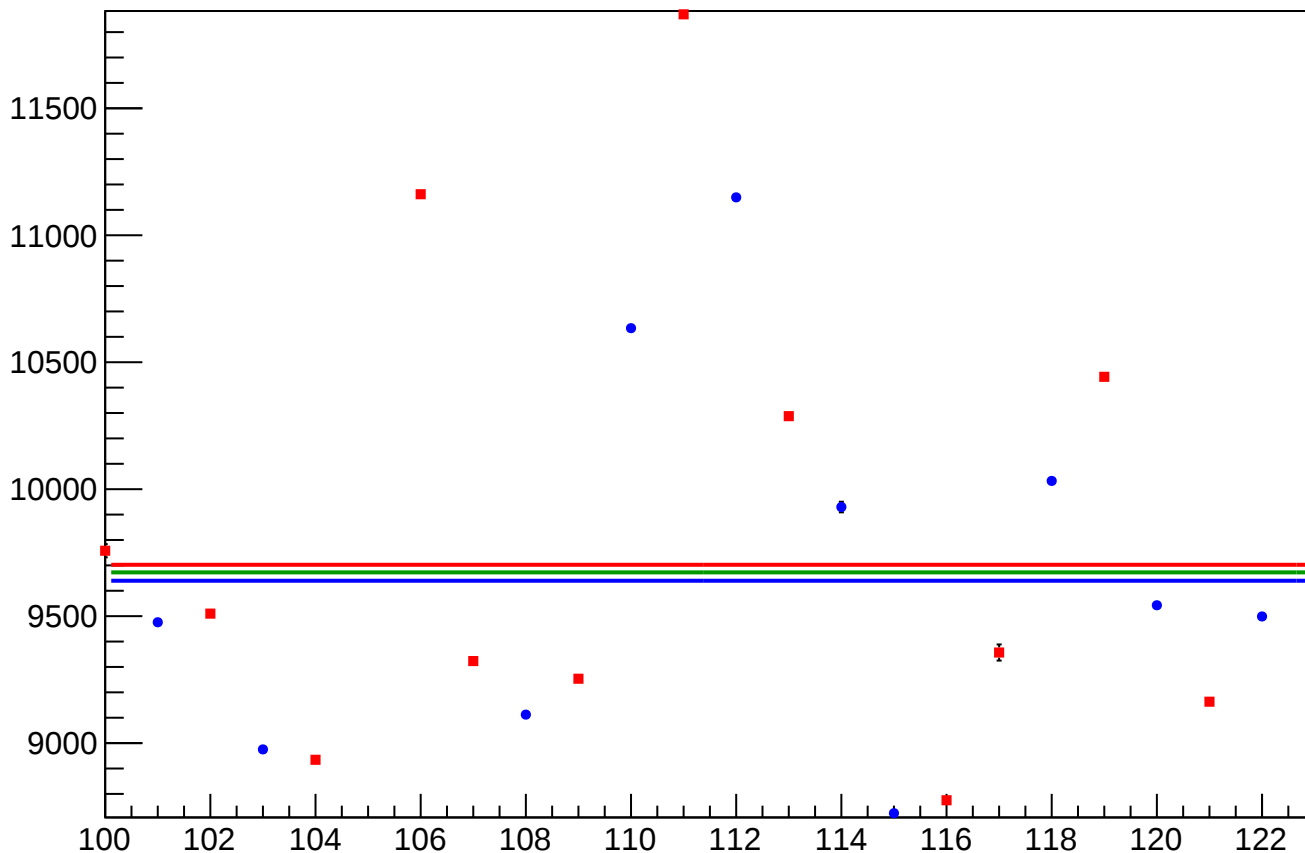
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-52.103+/-4.912 χ^2/NDF : 71.4/10

-30.103+/-3.387 χ^2/NDF : 122.2/22

-10.166+/-4.676 χ^2/NDF : 12.6/11

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9639.488 $\pm$ 3.473 χ^2/NDF : 37467.1/10

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

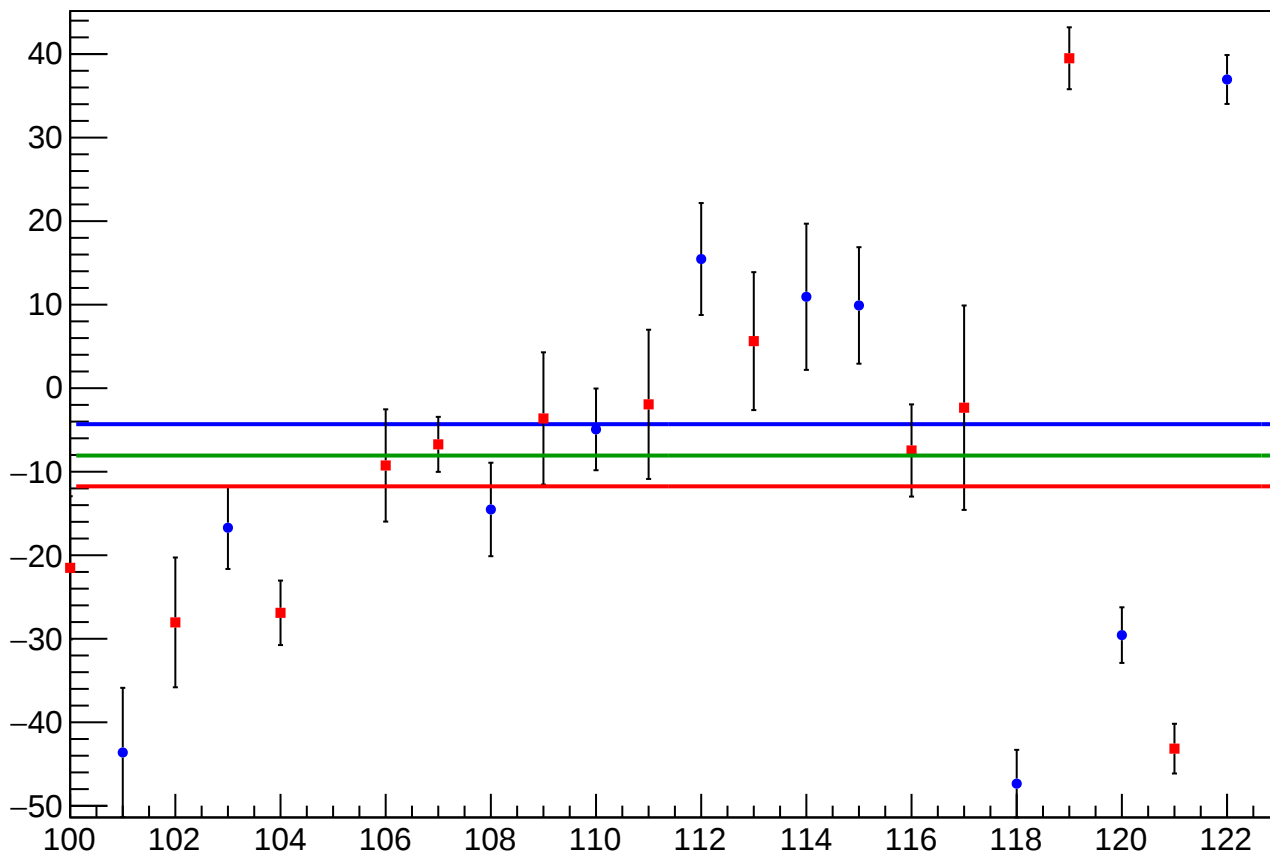
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9639.488 $\pm$ 3.473 χ^2/NDF : 37467.1/10

9672.437 $\pm$ 2.395 χ^2/NDF : 103275.3/22

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

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.308+/-1.456 χ^2 /NDF: 448.7/10

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

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

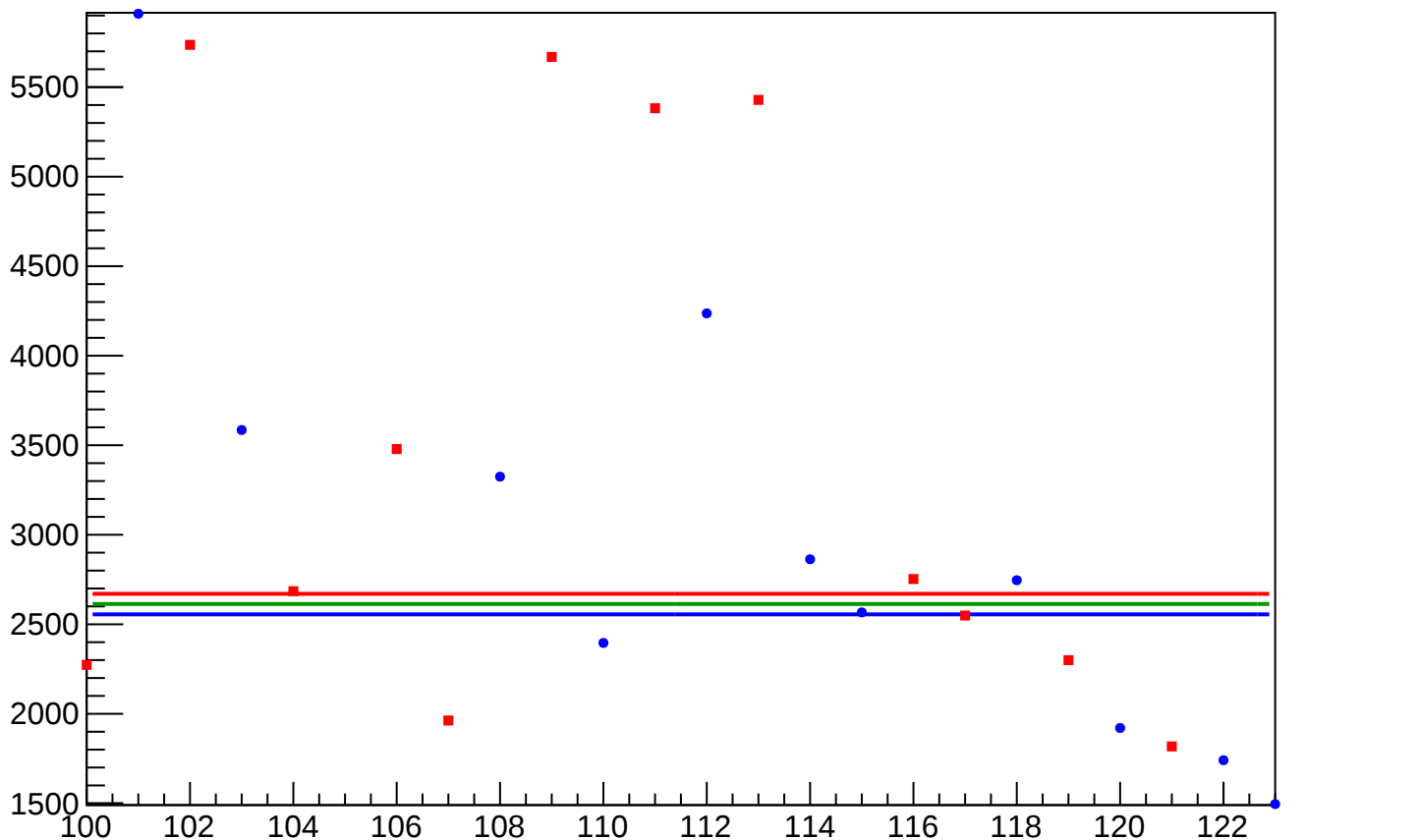
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.308+/-1.456 χ^2 /NDF: 448.7/10

-8.063+/-1.025 χ^2 /NDF: 796.0/22

-11.751+/-1.443 χ^2 /NDF: 334.1/11

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2555.463 $\pm$ 1.030 χ^2 /NDF: 899196.3/10

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

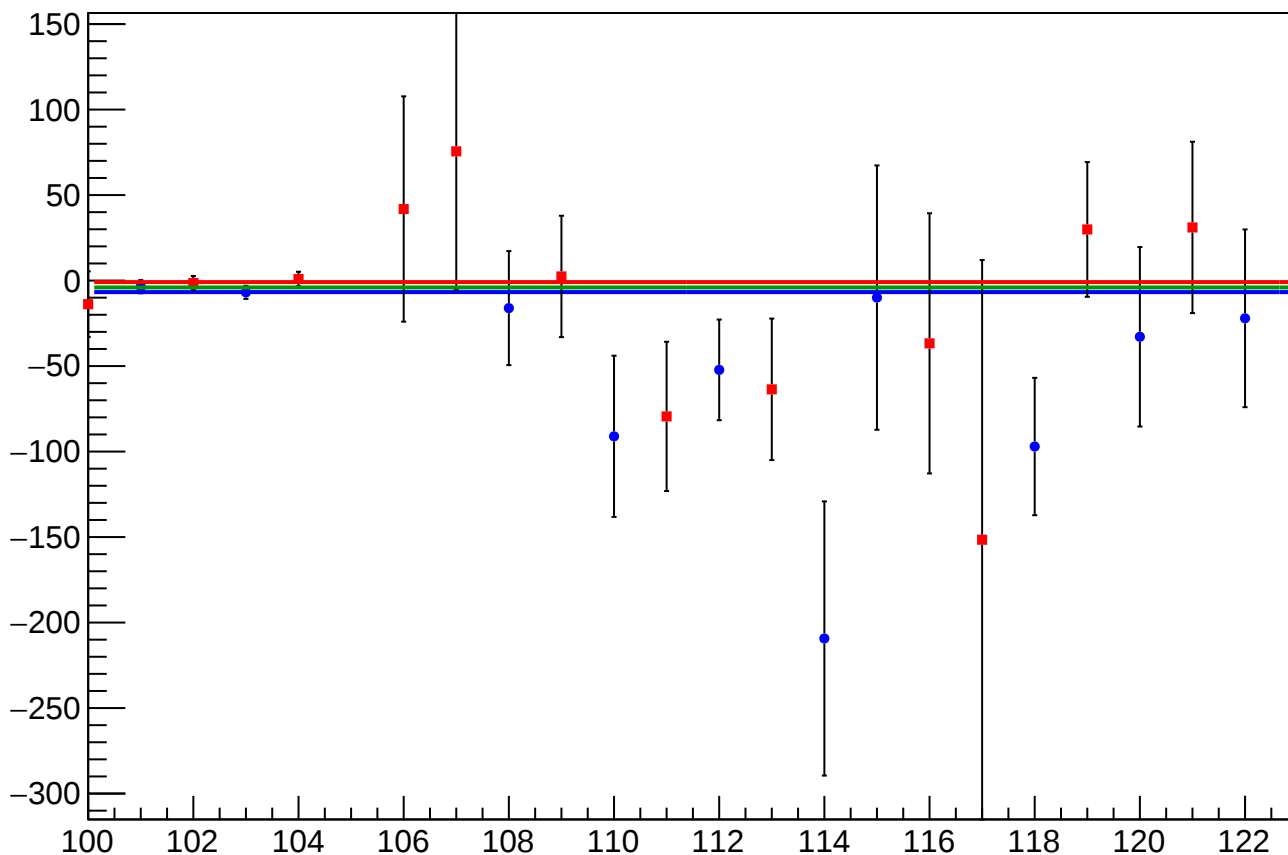
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2555.463 $\pm$ 1.030 χ^2 /NDF: 899196.3/10

2613.361 $\pm$ 0.725 χ^2 /NDF: 2221445.7/22

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

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.747+/-2.673 χ^2 /NDF: 18.1/10

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

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

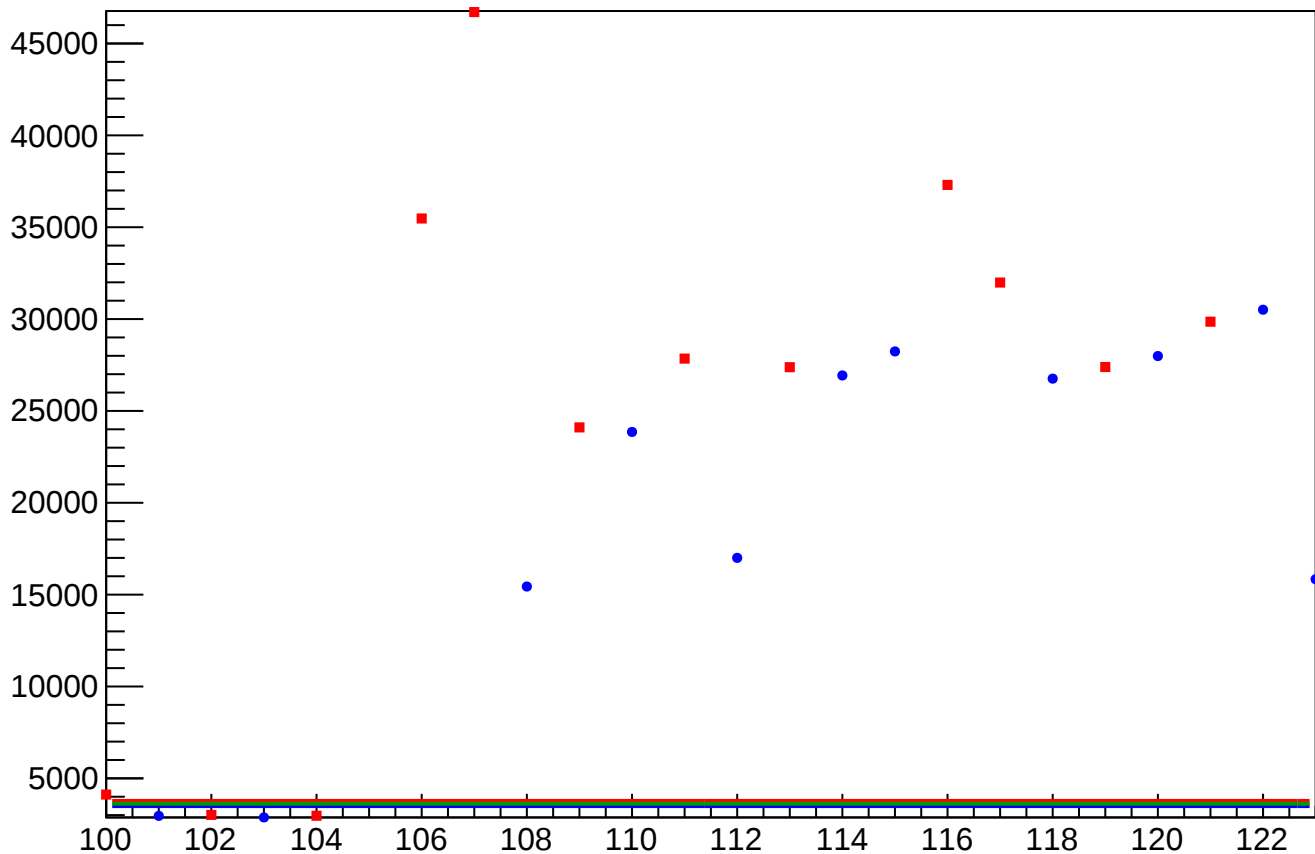
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.747+/-2.673 χ^2 /NDF: 18.1/10

-4.030+/-1.958 χ^2 /NDF: 29.9/22

-0.887+/-2.875 χ^2 /NDF: 9.6/11

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3490.662+/-1.890 χ^2/NDF : 3198884.1/10

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

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

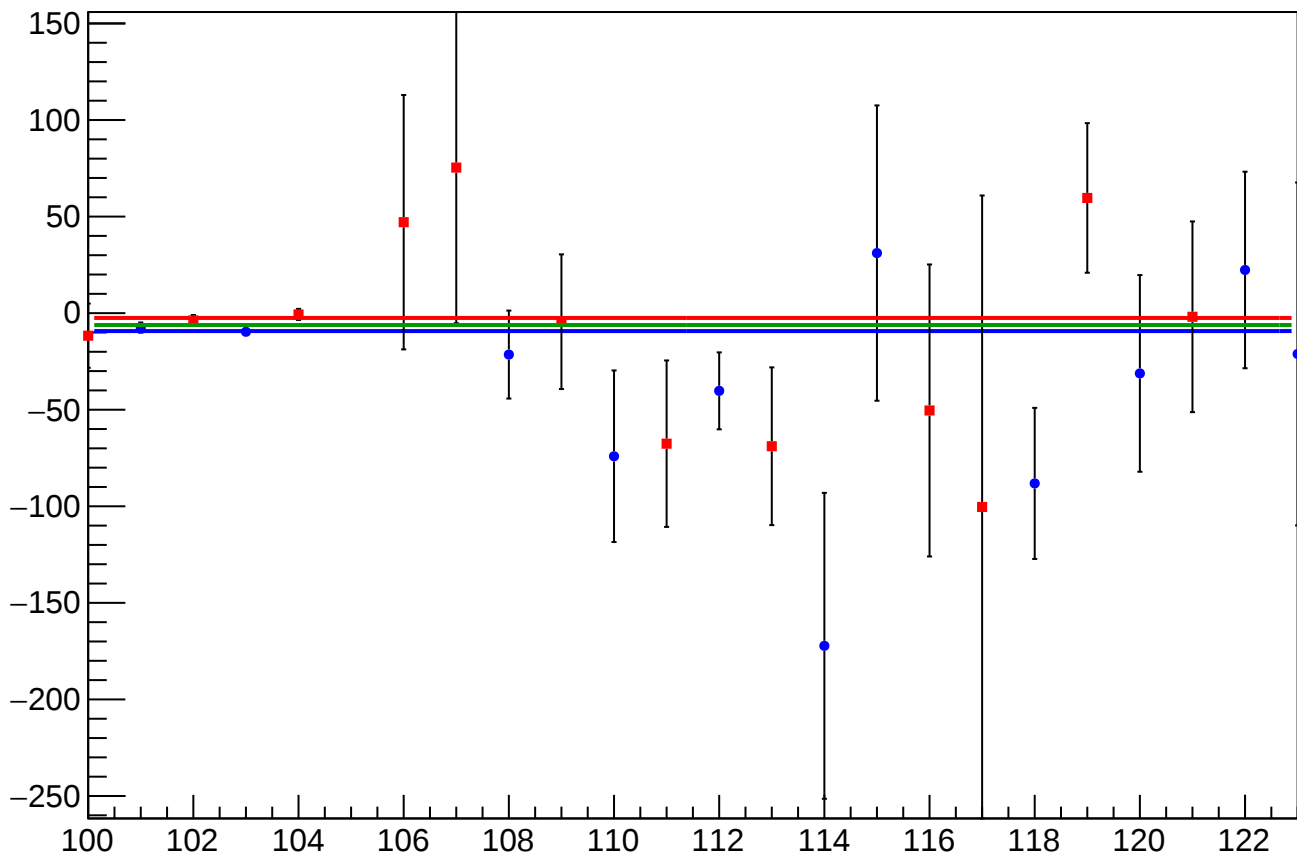
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3490.662+/-1.890 χ^2/NDF : 3198884.1/10

3620.764+/-1.384 χ^2/NDF : 8002223.5/22

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

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.278 ± 1.835 χ^2/NDF : 14.5/10

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

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

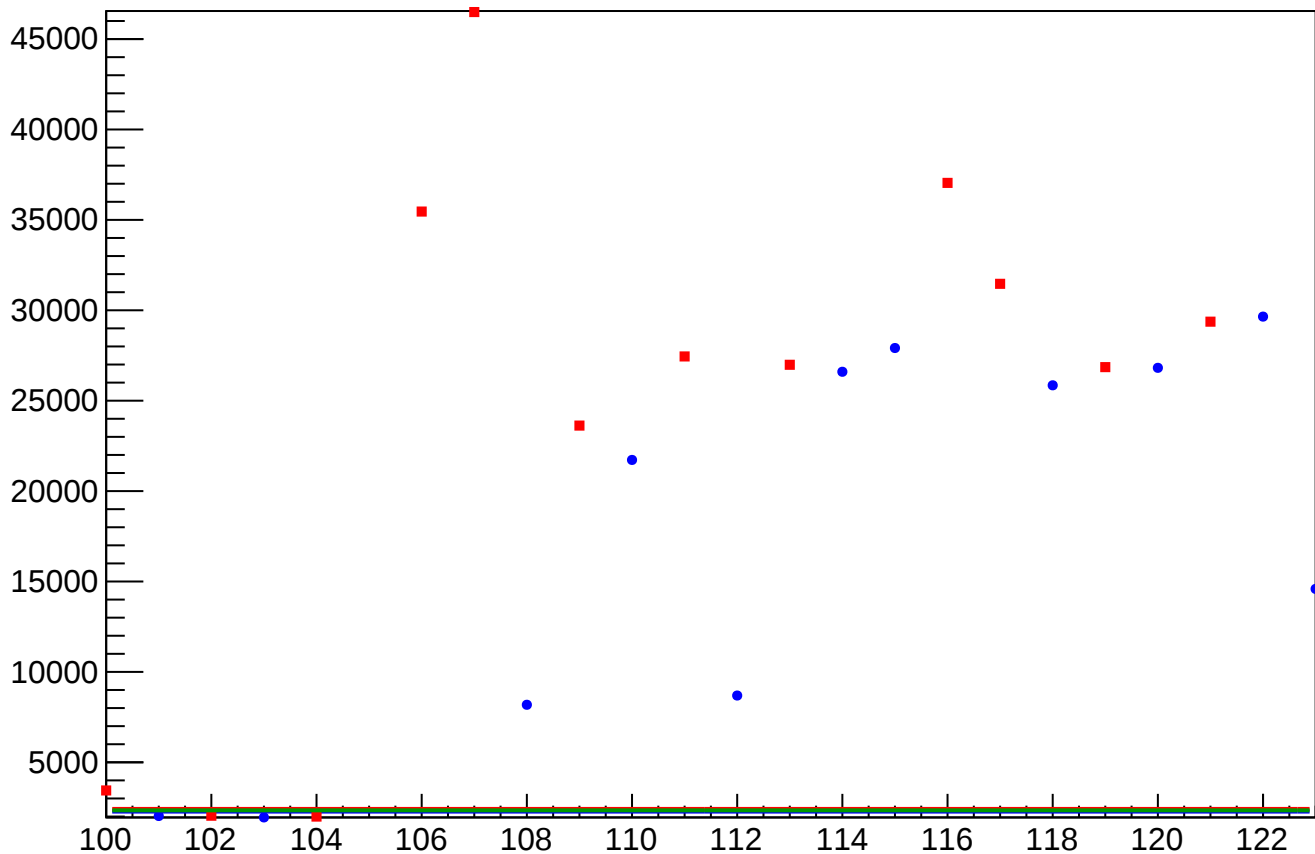
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.278 ± 1.835 χ^2/NDF : 14.5/10

-6.143 ± 1.347 χ^2/NDF : 31.5/22

-2.478 ± 1.984 χ^2/NDF : 10.7/11

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2275.375+/-1.298 χ^2/NDF : 2995576.0/10

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

Right Out: 2421.329+/-1.403 χ^2/NDF : 5202651.5/11

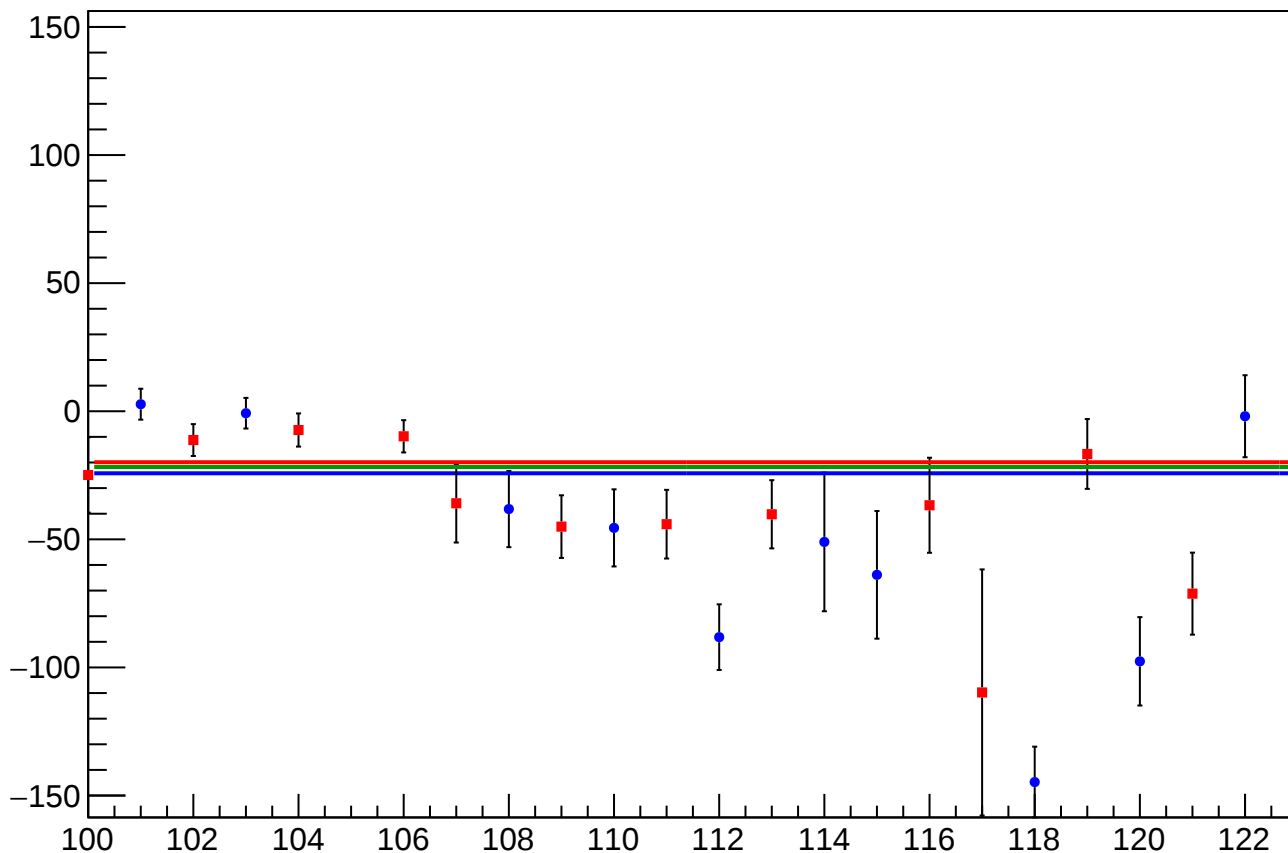
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2275.375+/-1.298 χ^2/NDF : 2995576.0/10

2342.657+/-0.953 χ^2/NDF : 8204060.2/22

2421.329+/-1.403 χ^2/NDF : 5202651.5/11

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -24.215 $\pm$ 3.405 χ^2 /NDF: 168.1/10

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

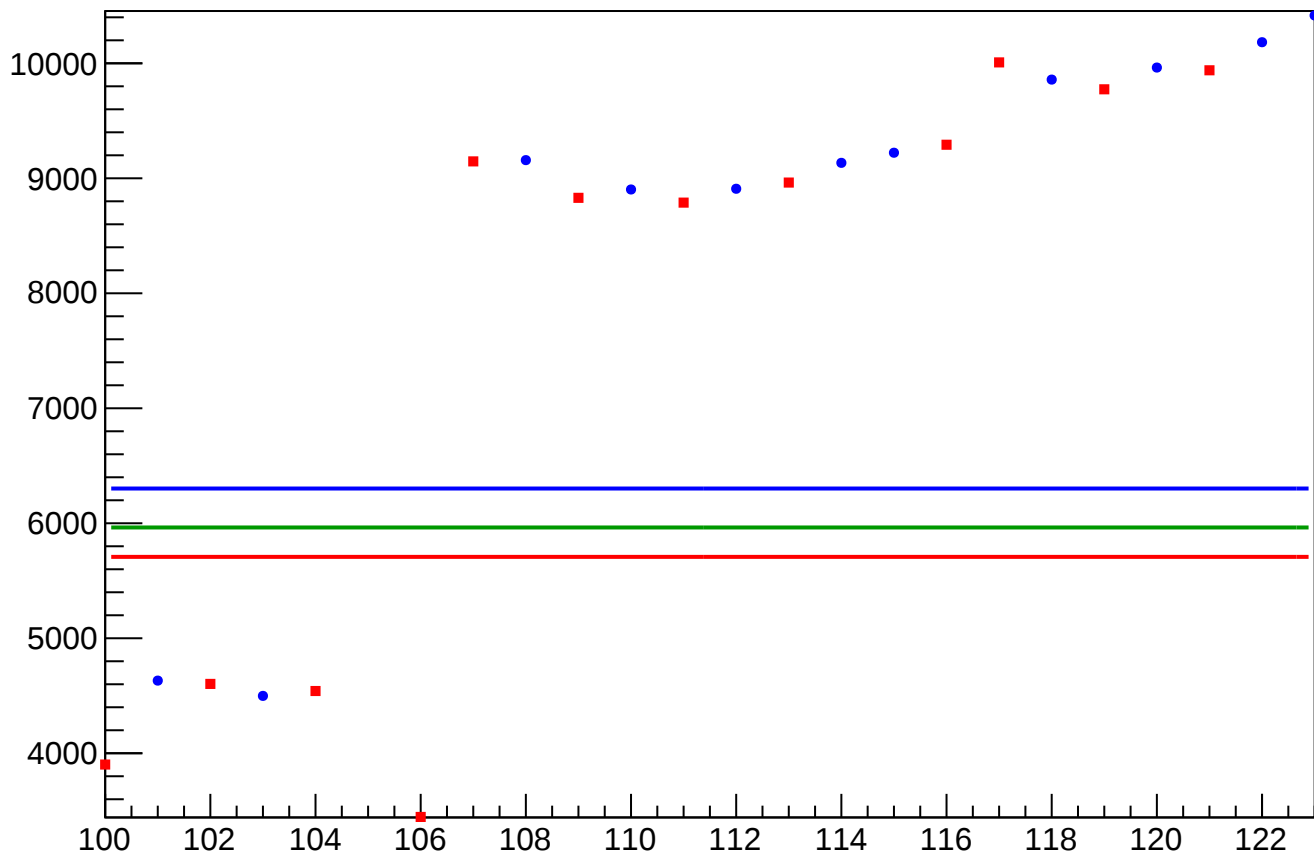
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-24.215 $\pm$ 3.405 χ^2 /NDF: 168.1/10

-21.757 $\pm$ 2.233 χ^2 /NDF: 203.0/22

-19.903 $\pm$ 2.958 χ^2 /NDF: 34.0/11

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6302.205+/-2.407 χ^2/NDF : 952306.9/10

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

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

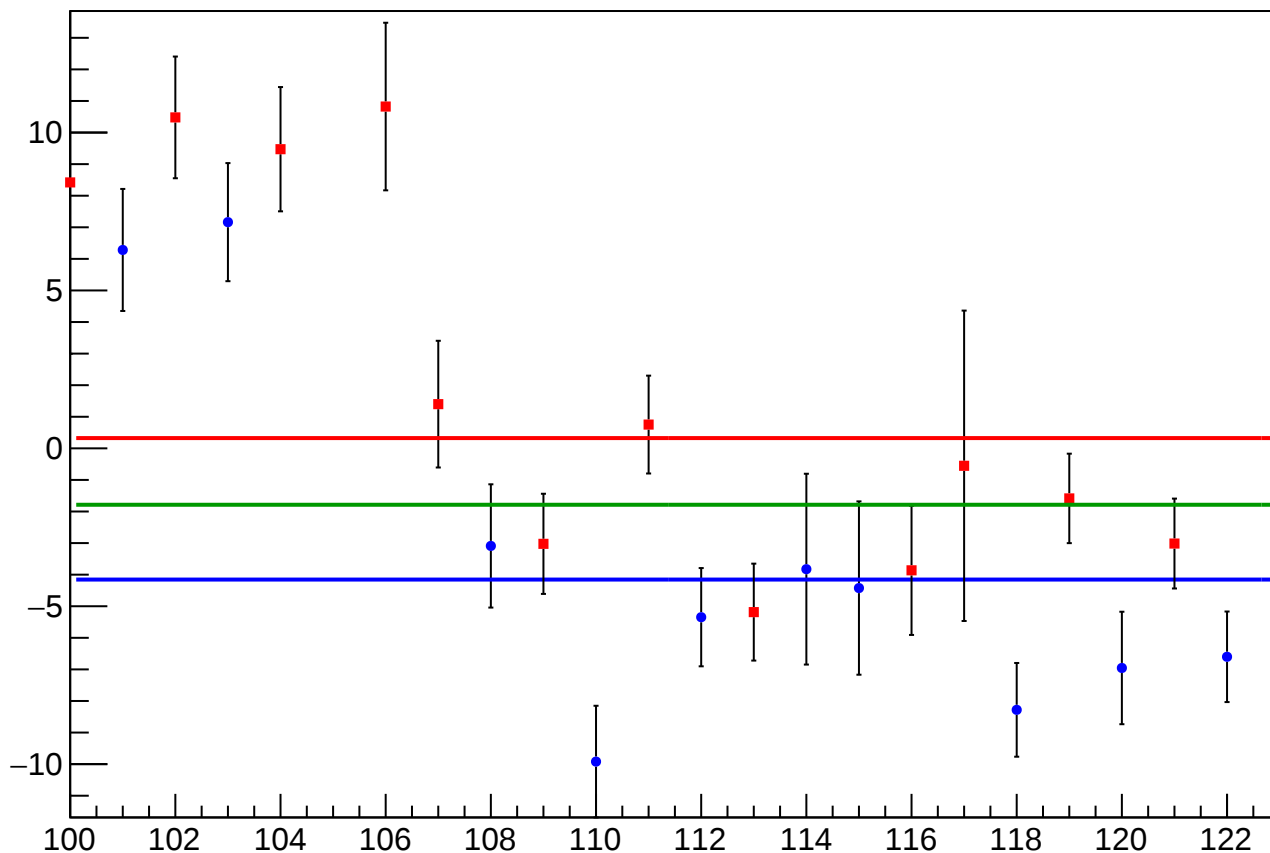
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6302.205+/-2.407 χ^2/NDF : 952306.9/10

5963.446+/-1.579 χ^2/NDF : 2267995.4/22

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

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.155+/-0.569 χ^2/NDF : 90.5/10

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

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

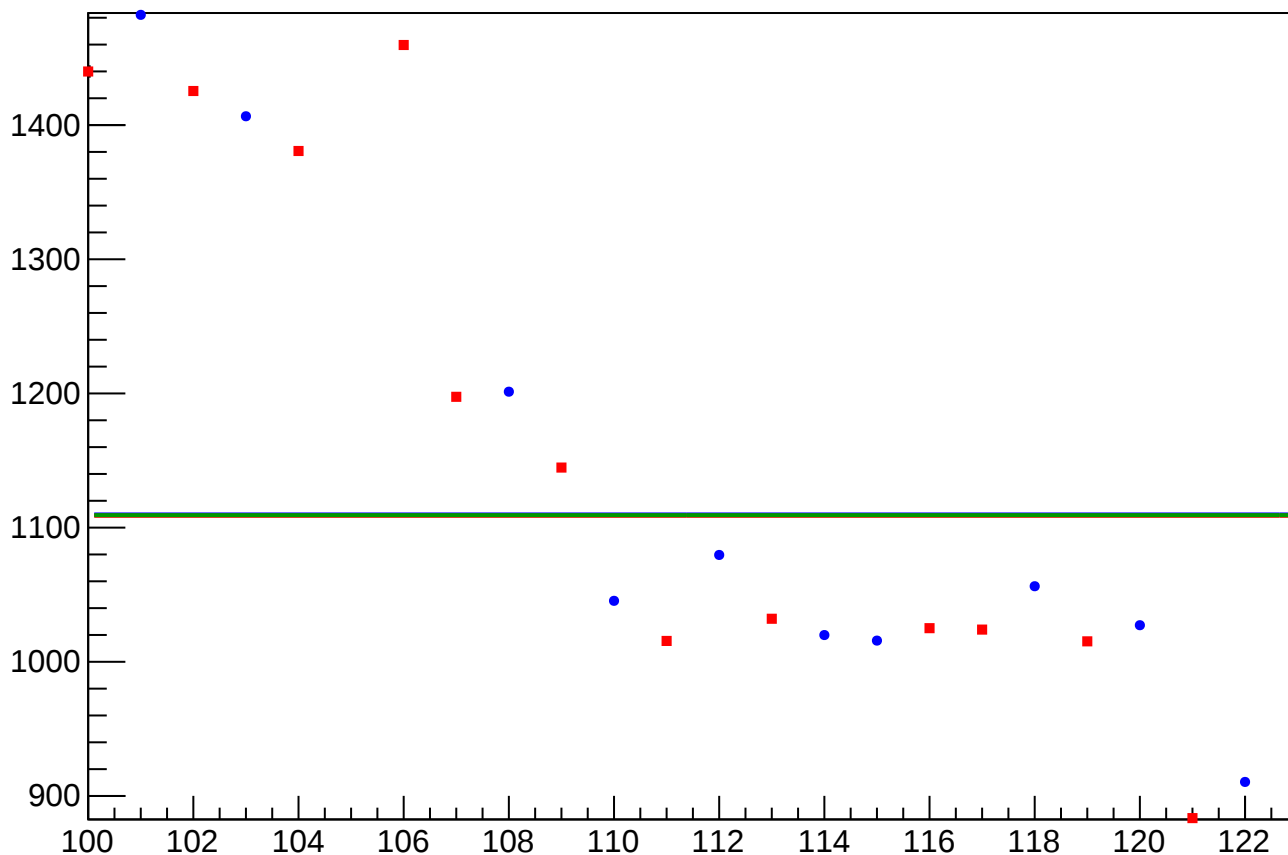
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.155+/-0.569 χ^2/NDF : 90.5/10

-1.786+/-0.391 χ^2/NDF : 219.8/22

0.325+/-0.537 χ^2/NDF : 96.5/11

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1109.813+/-0.402 χ^2/NDF : 183928.3/10

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

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

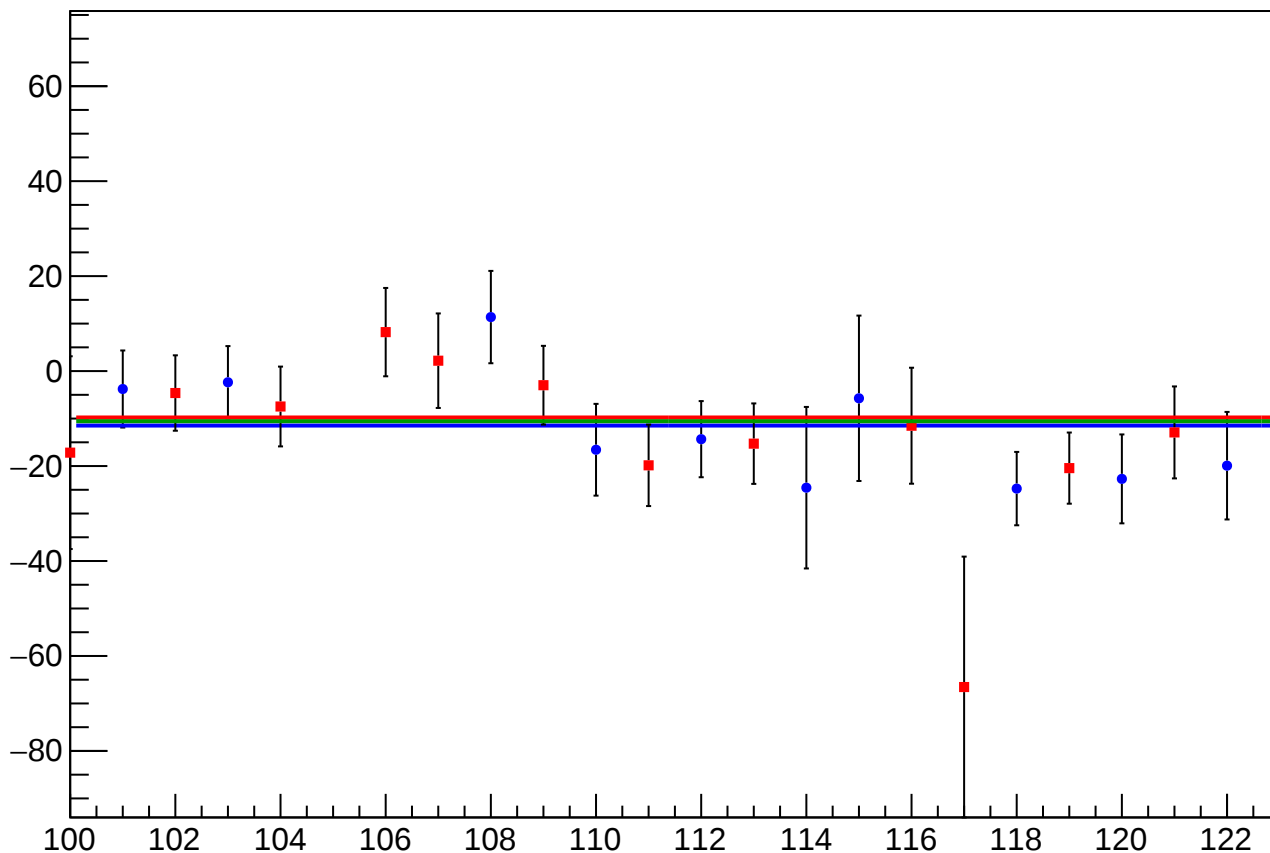
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1109.813+/-0.402 χ^2/NDF : 183928.3/10

1109.292+/-0.276 χ^2/NDF : 398495.6/22

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

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.471 ± 2.981 $\chi^2/\text{NDF}: 15.1/10$

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

Right Out: -9.773 ± 2.746 $\chi^2/\text{NDF}: 14.7/11$

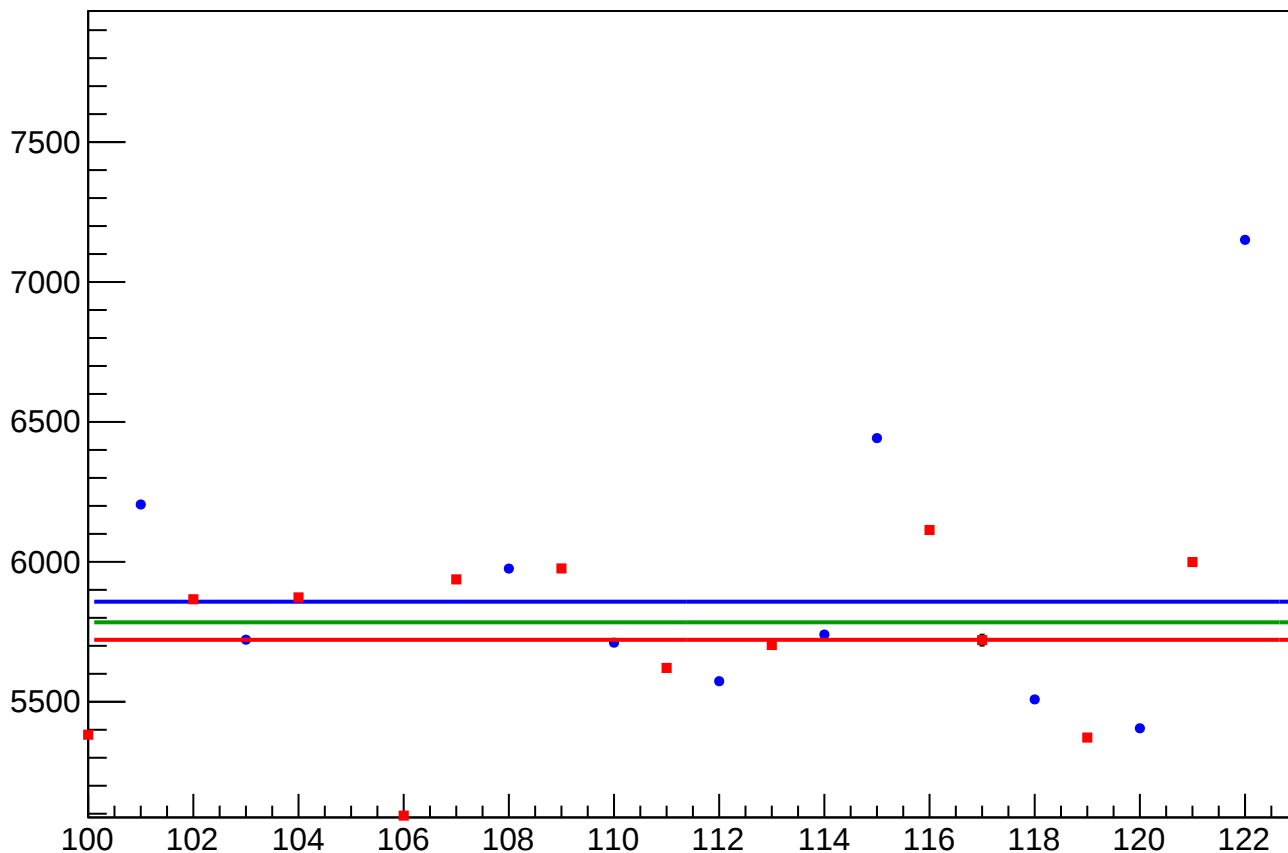
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-11.471 ± 2.981 $\chi^2/\text{NDF}: 15.1/10$

-10.553 ± 2.019 $\chi^2/\text{NDF}: 30.0/22$

-9.773 ± 2.746 $\chi^2/\text{NDF}: 14.7/11$

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5857.701+/-2.108 χ^2/NDF : 49761.1/10

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

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

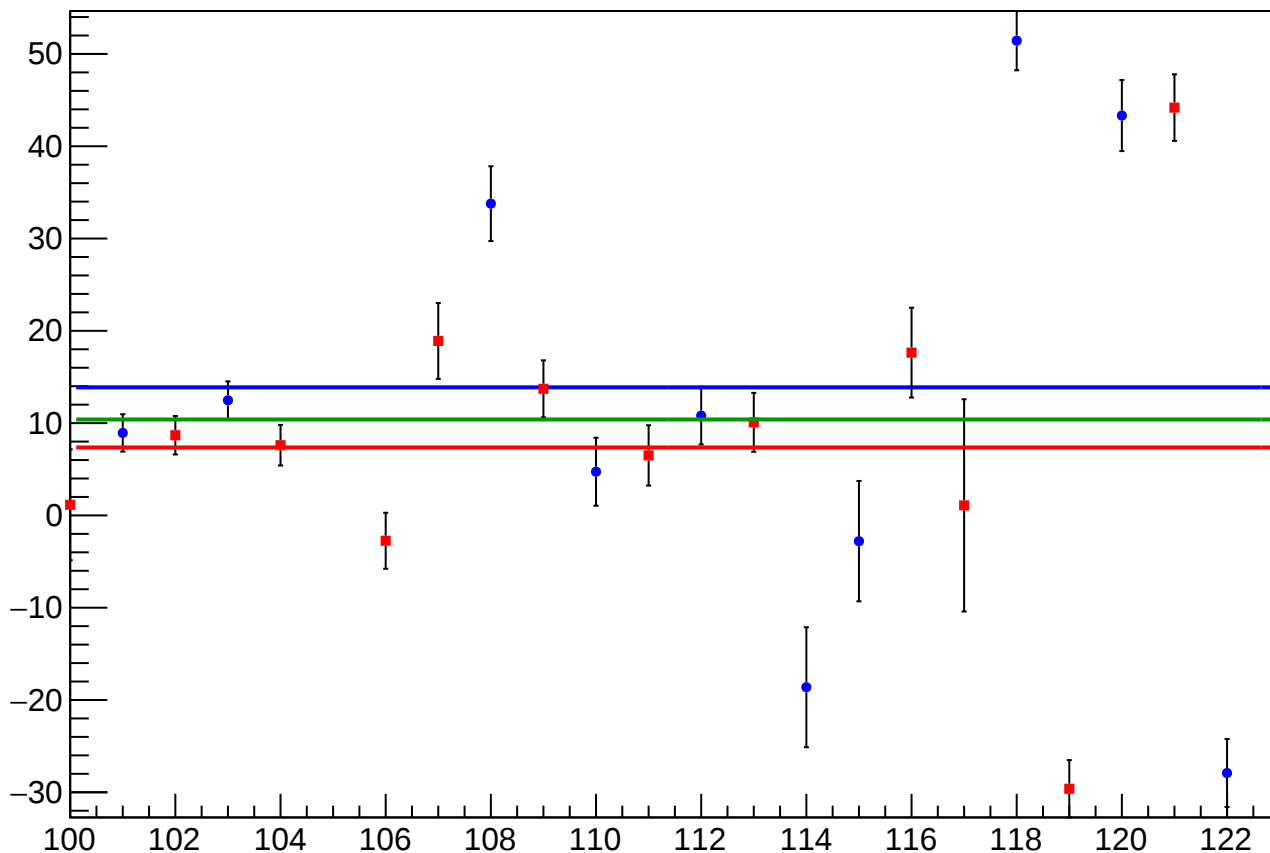
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5857.701+/-2.108 χ^2/NDF : 49761.1/10

5784.002+/-1.428 χ^2/NDF : 74193.7/22

5721.478+/-1.941 χ^2/NDF : 22172.7/11

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.877+/-0.995 χ^2/NDF : 394.2/10

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

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

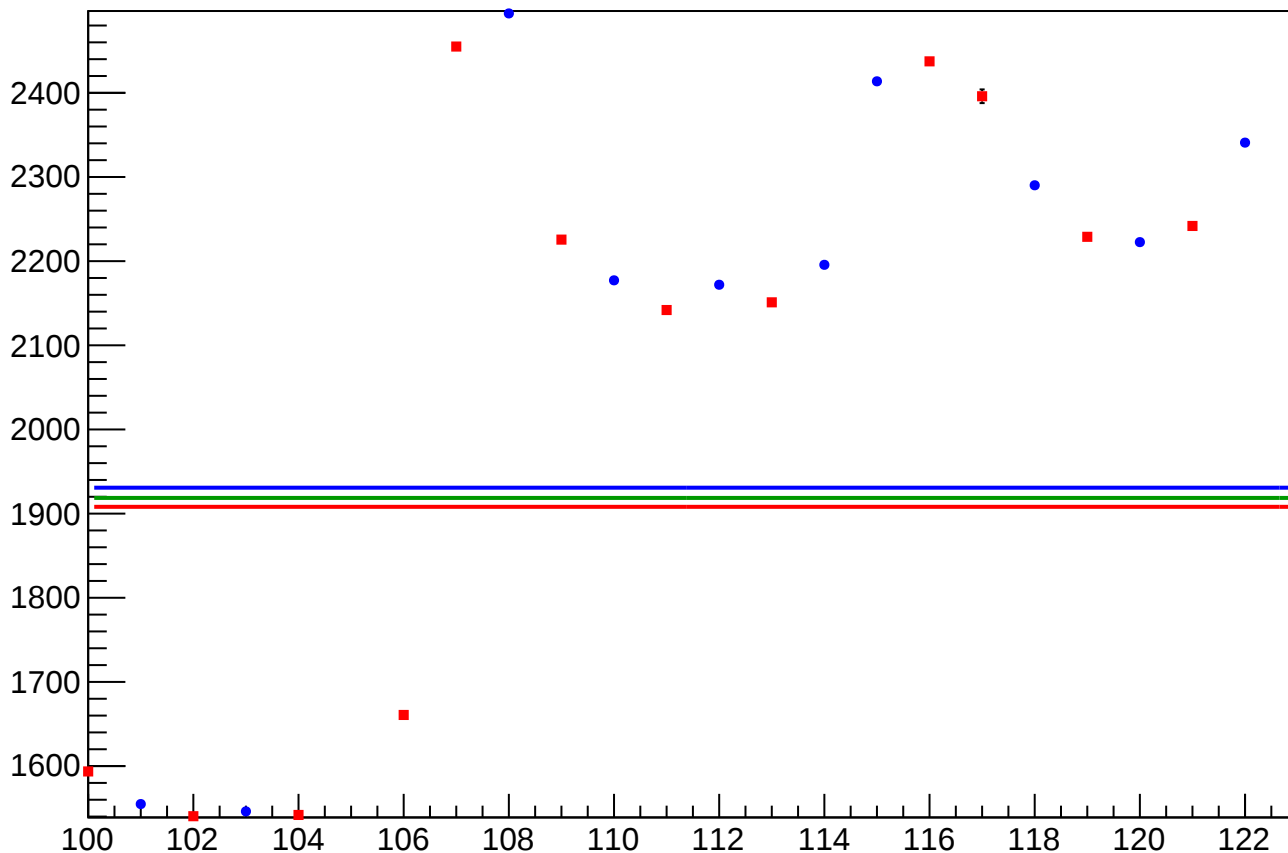
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.877+/-0.995 χ^2/NDF : 394.2/10

10.395+/-0.679 χ^2/NDF : 693.0/22

7.365+/-0.928 χ^2/NDF : 275.8/11

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1930.807 $\pm$ 0.704 χ^2/NDF : 277082.4/10

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

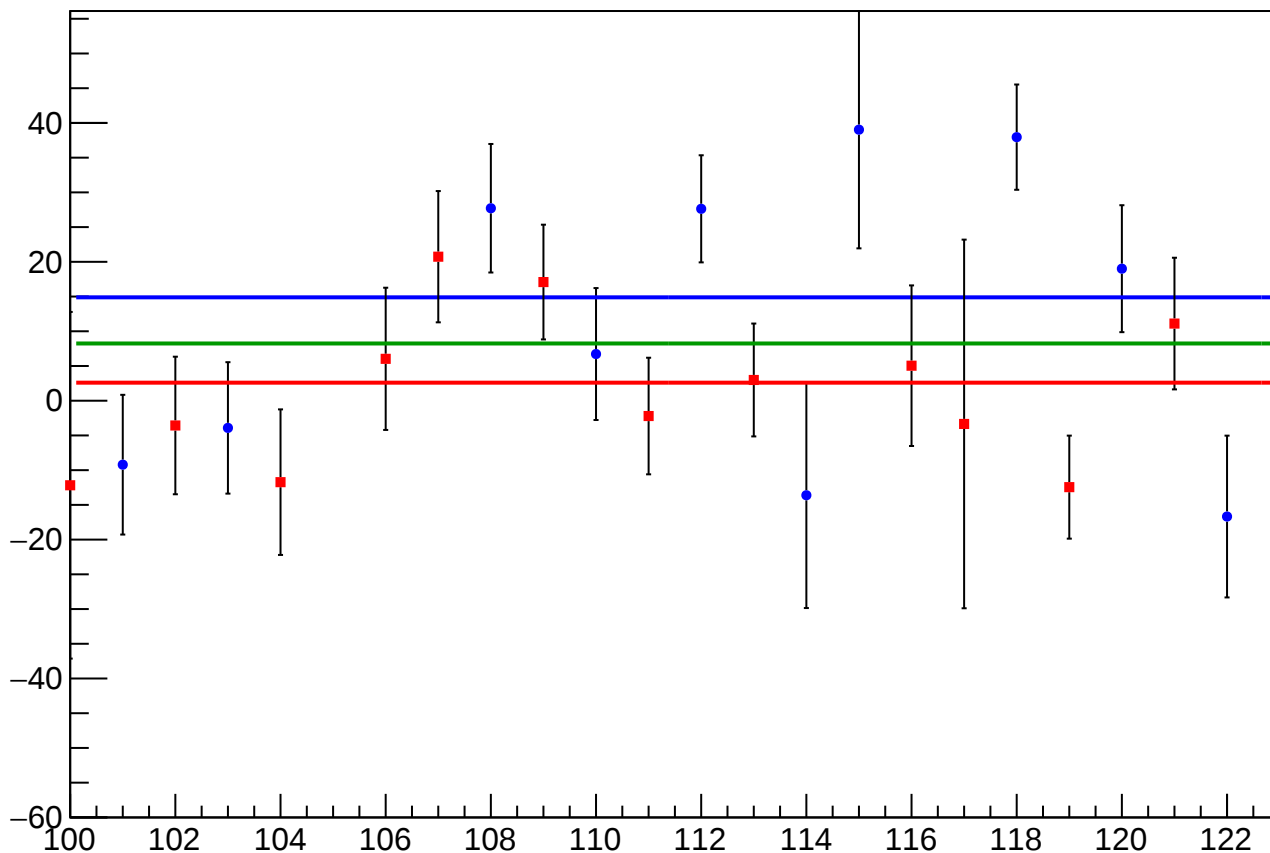
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1930.807 $\pm$ 0.704 χ^2/NDF : 277082.4/10

1918.648 $\pm$ 0.480 χ^2/NDF : 558337.9/22

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

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.887+/-3.084 χ^2/NDF : 37.6/10

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

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

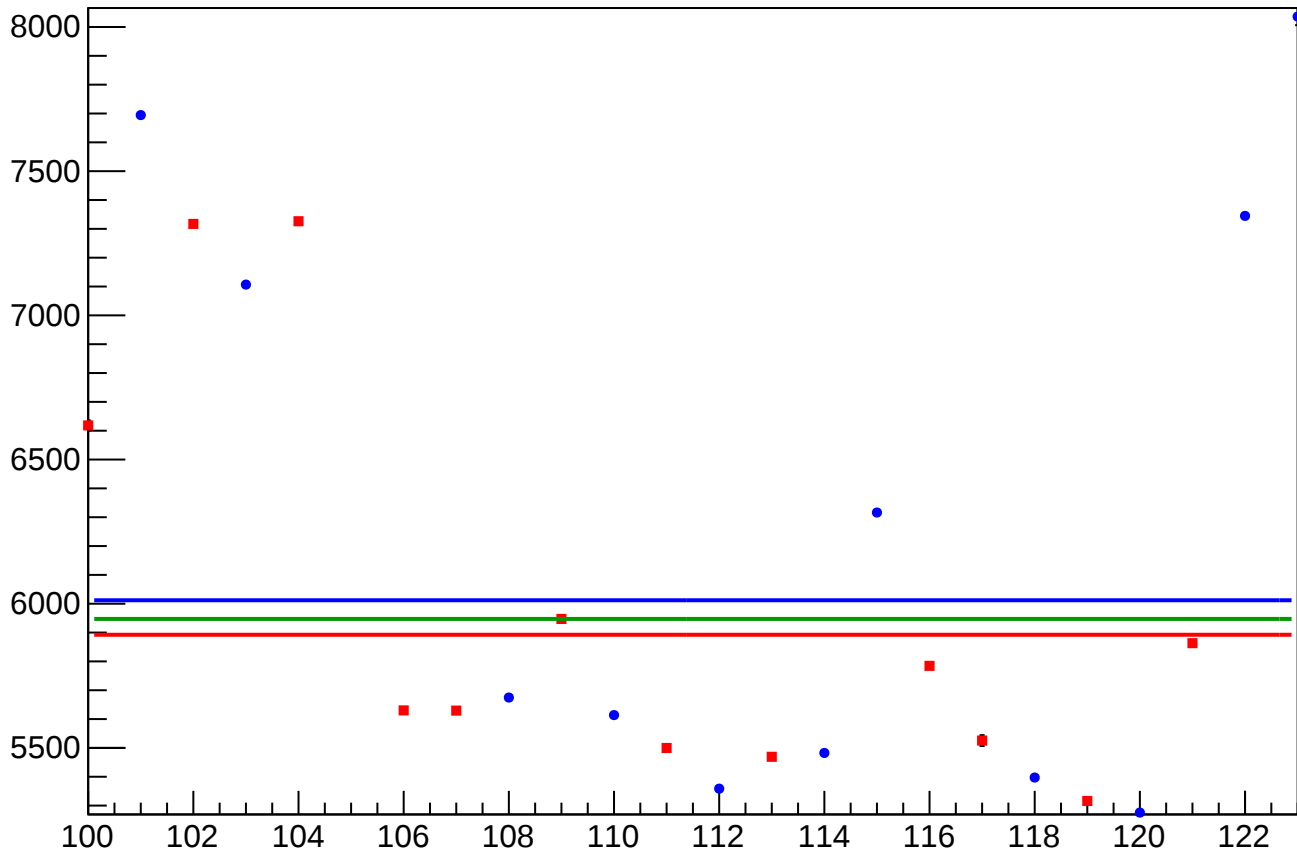
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.887+/-3.084 χ^2/NDF : 37.6/10

8.242+/-2.090 χ^2/NDF : 61.0/22

2.599+/-2.842 χ^2/NDF : 14.8/11

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6011.990+/-2.181 χ^2 /NDF: 162945.9/10

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

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

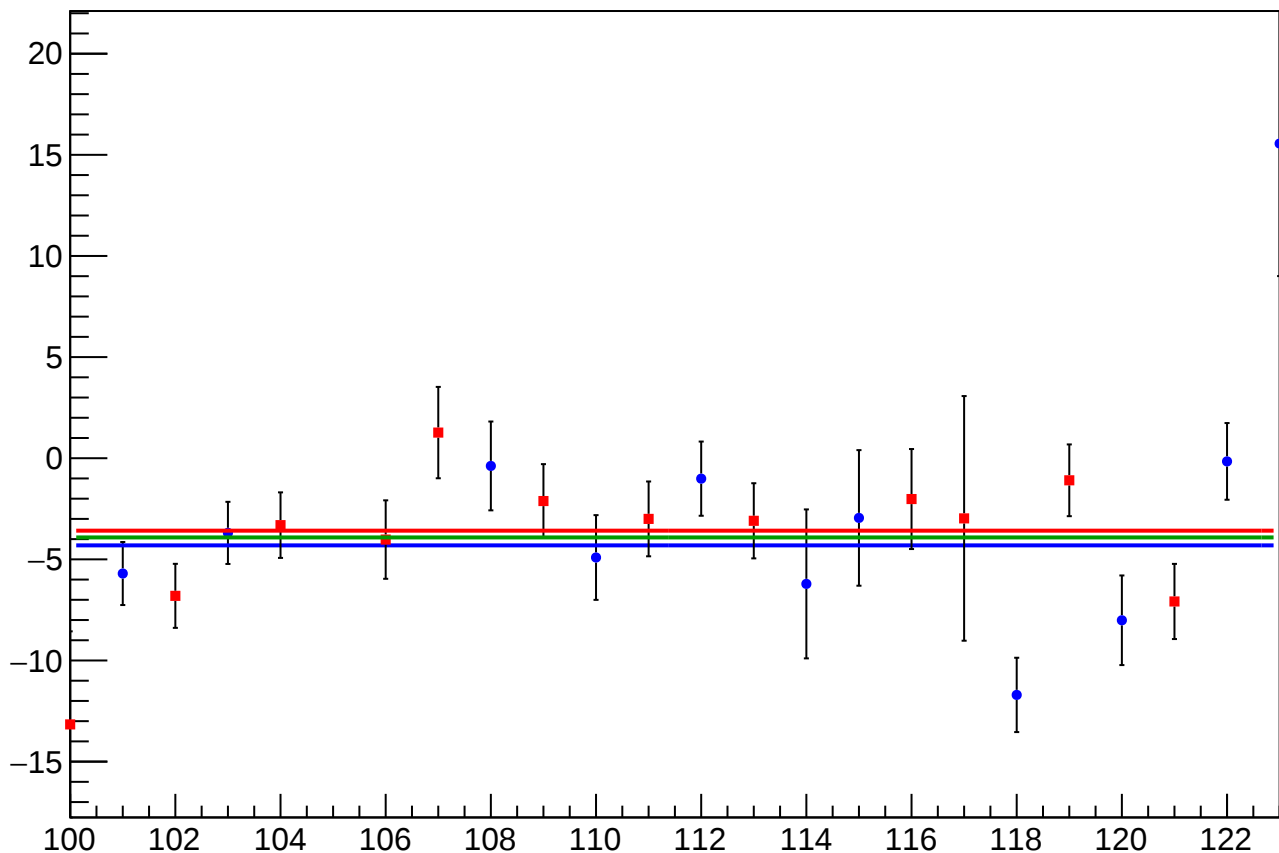
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

6011.990+/-2.181 χ^2 /NDF: 162945.9/10

5947.302+/-1.478 χ^2 /NDF: 270484.8/22

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

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.309+/-0.628 χ^2/NDF : 40.9/10

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

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

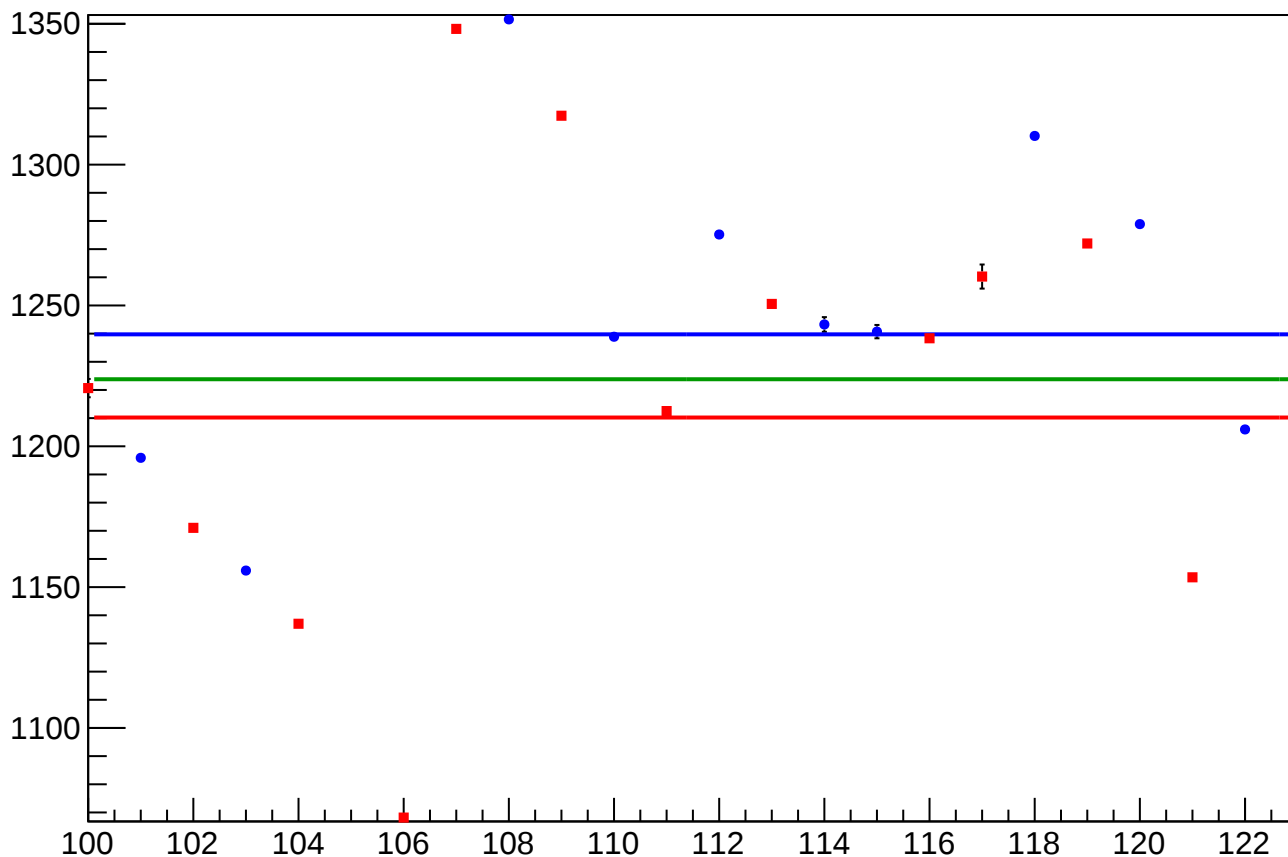
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.309+/-0.628 χ^2/NDF : 40.9/10

-3.916+/-0.426 χ^2/NDF : 61.5/22

-3.582+/-0.580 χ^2/NDF : 19.9/11

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1239.748 $\pm$ 0.444 χ^2 /NDF: 17684.5/10

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

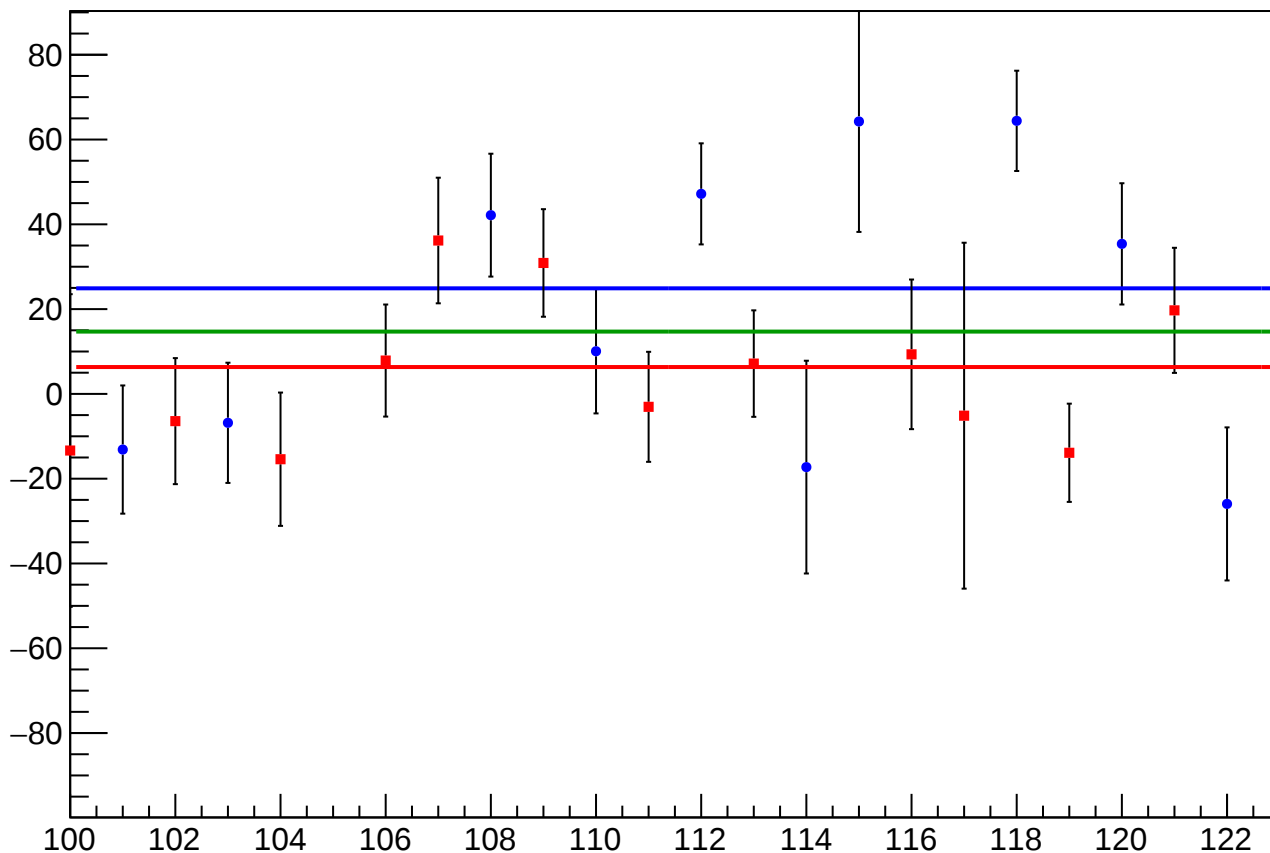
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1239.748 $\pm$ 0.444 χ^2 /NDF: 17684.5/10

1223.806 $\pm$ 0.301 χ^2 /NDF: 56104.0/22

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

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.904+/-4.757 χ^2 /NDF: 42.9/10

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

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

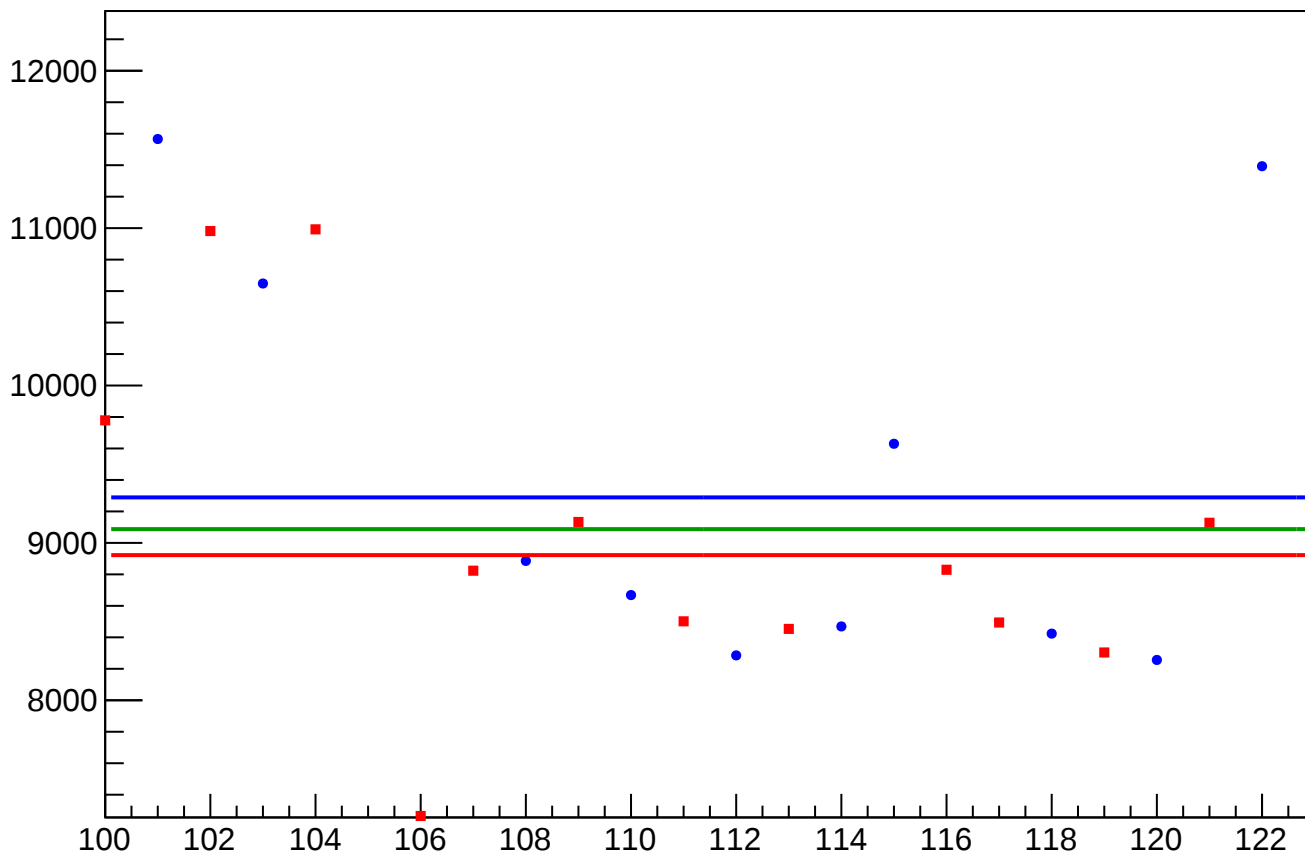
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

24.904+/-4.757 χ^2 /NDF: 42.9/10

14.700+/-3.192 χ^2 /NDF: 66.5/22

6.337+/-4.306 χ^2 /NDF: 15.3/11

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9289.107 $\pm$ 3.363 χ^2 /NDF: 138274.7/10

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

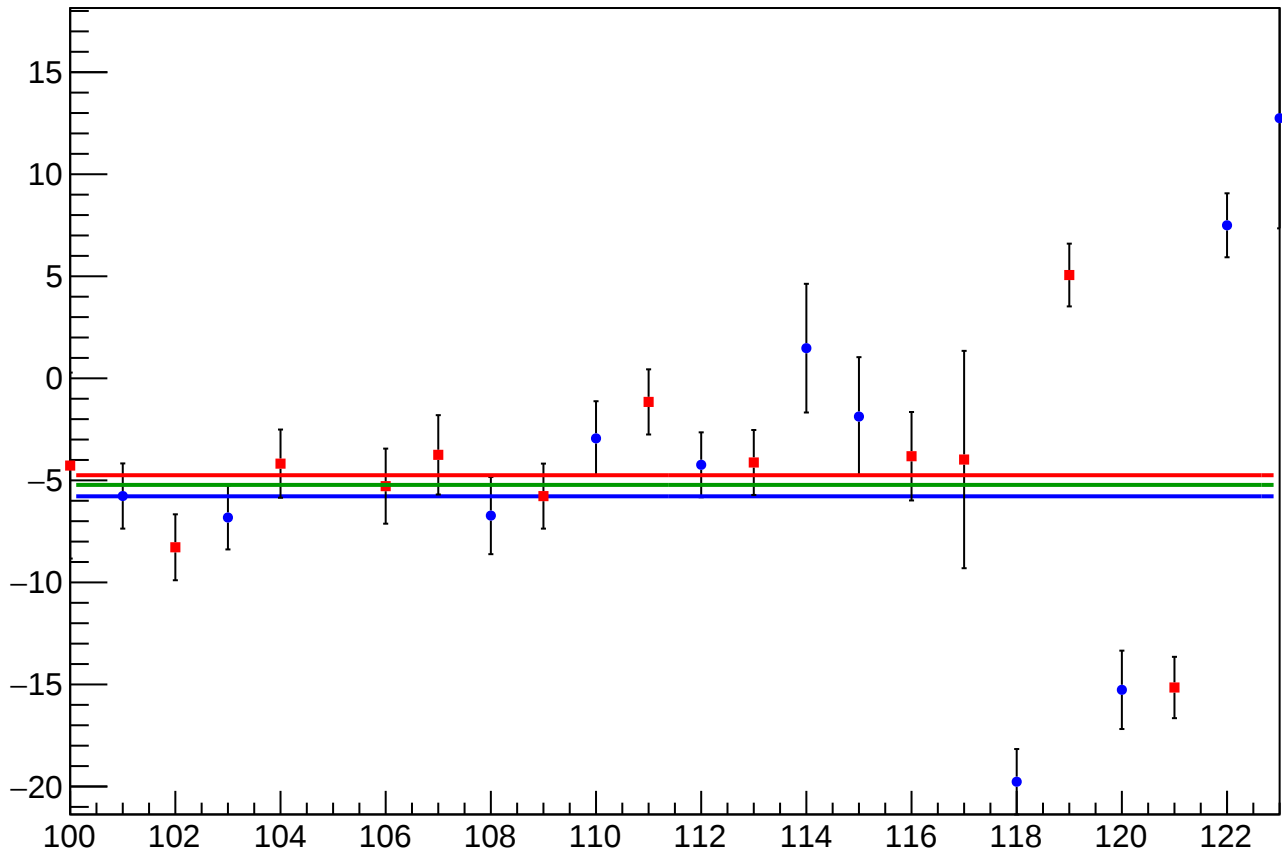
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9289.107 $\pm$ 3.363 χ^2 /NDF: 138274.7/10

9087.536 $\pm$ 2.257 χ^2 /NDF: 262273.0/22

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

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.781+/-0.568 χ^2/NDF : 195.3/10

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

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

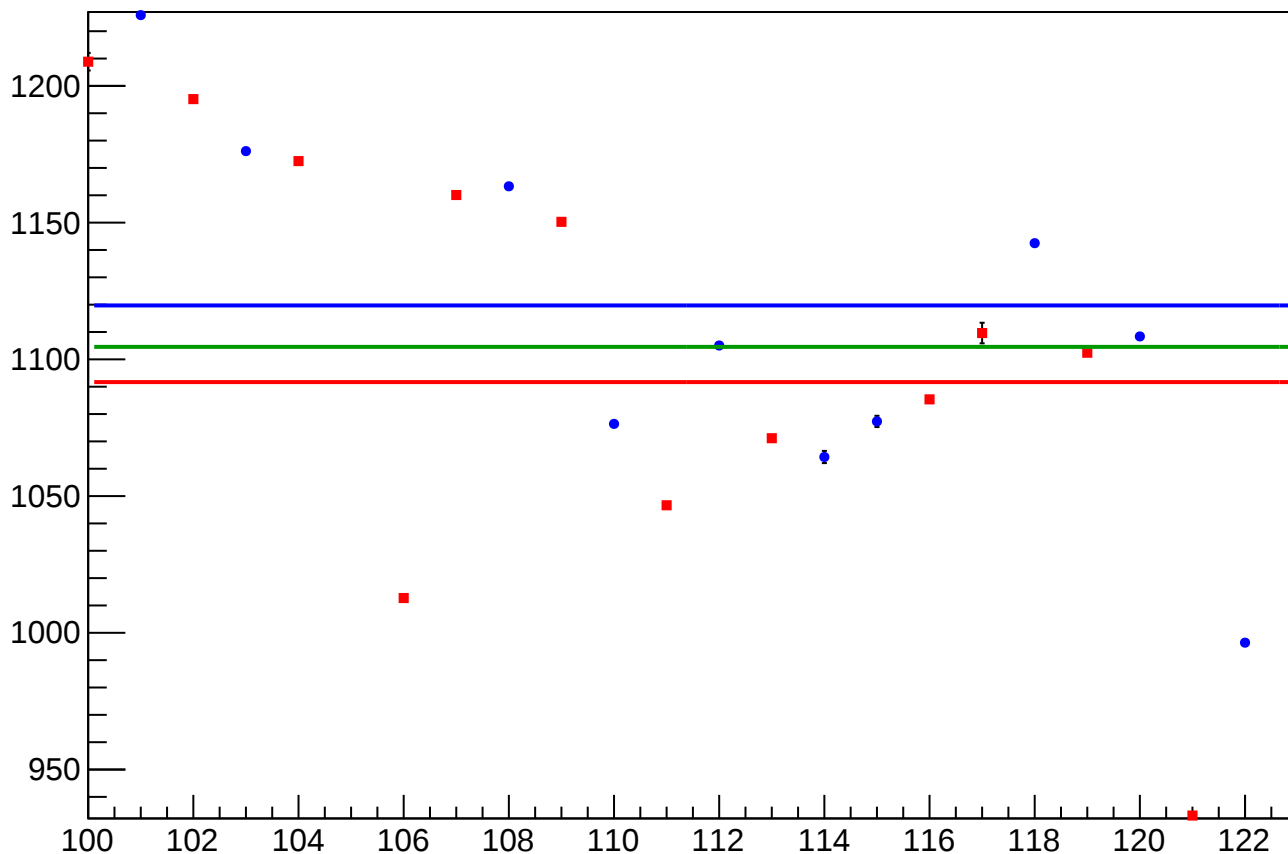
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.781+/-0.568 χ^2/NDF : 195.3/10

-5.222+/-0.385 χ^2/NDF : 296.7/22

-4.748+/-0.524 χ^2/NDF : 99.7/11

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1119.716+/-0.402 χ^2/NDF : 28243.6/10

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

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

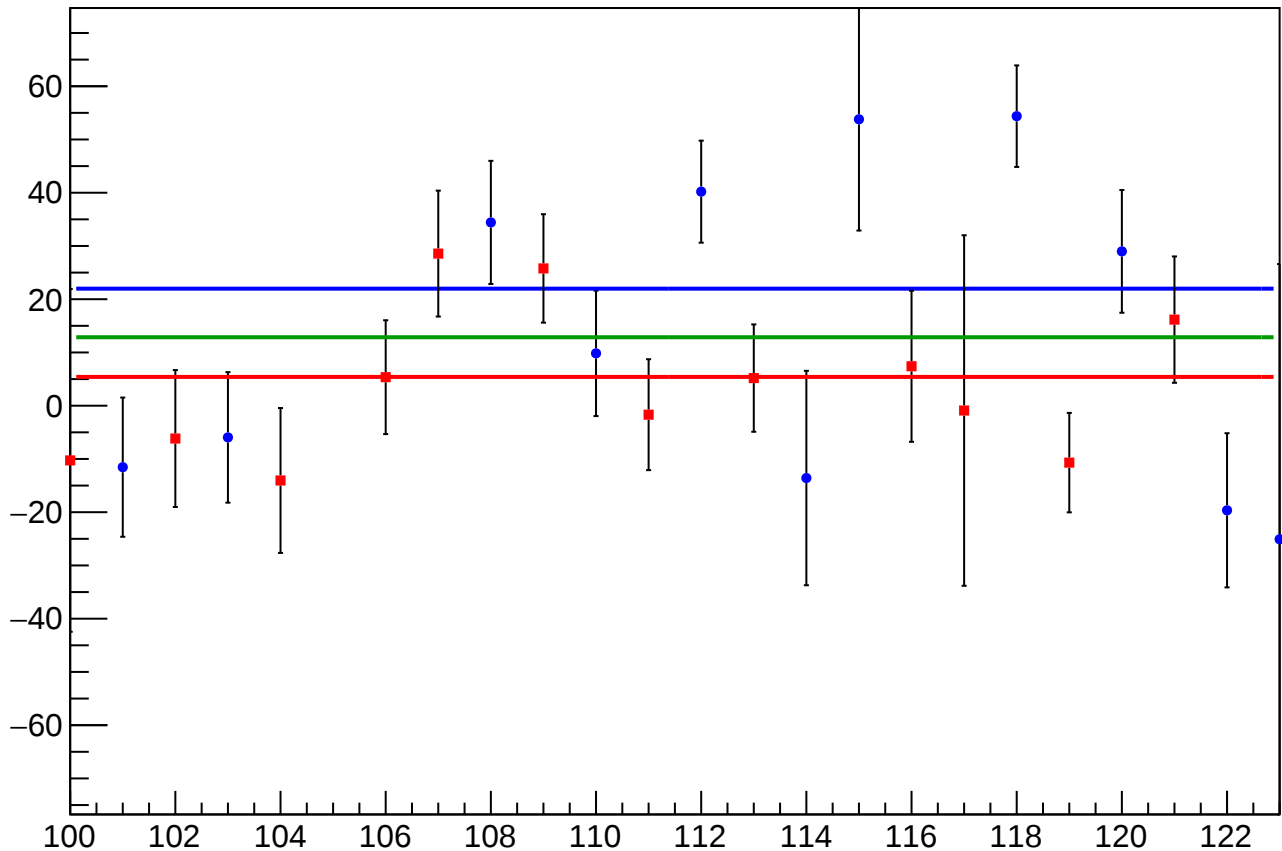
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1119.716+/-0.402 χ^2/NDF : 28243.6/10

1104.564+/-0.272 χ^2/NDF : 78267.1/22

1091.683+/-0.370 χ^2/NDF : 47391.0/11

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.983+/-3.878 χ^2/NDF : 44.0/10

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

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

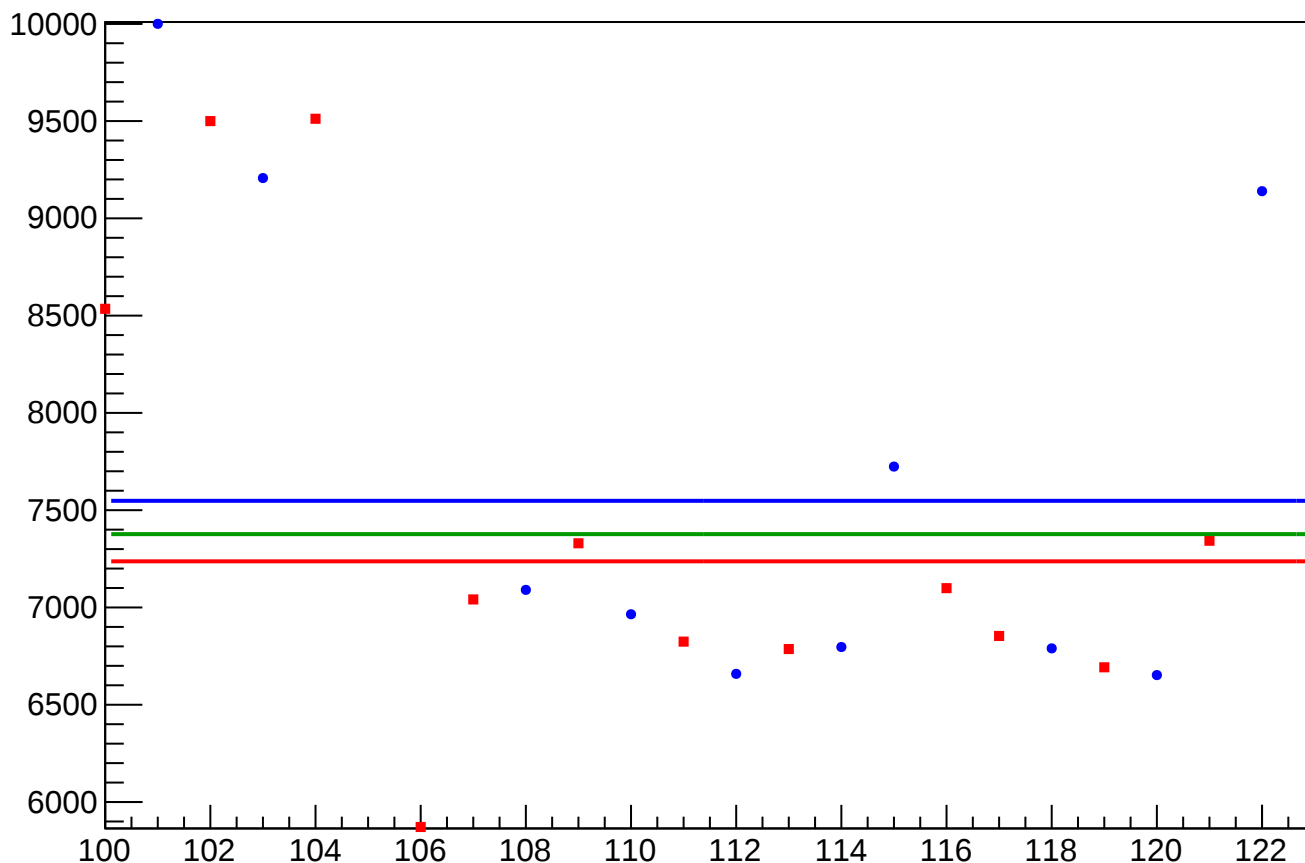
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.983+/-3.878 χ^2/NDF : 44.0/10

12.857+/-2.599 χ^2/NDF : 69.4/22

5.408+/-3.503 χ^2/NDF : 15.2/11

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7548.124+/-2.742 χ^2/NDF : 188078.3/10

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

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

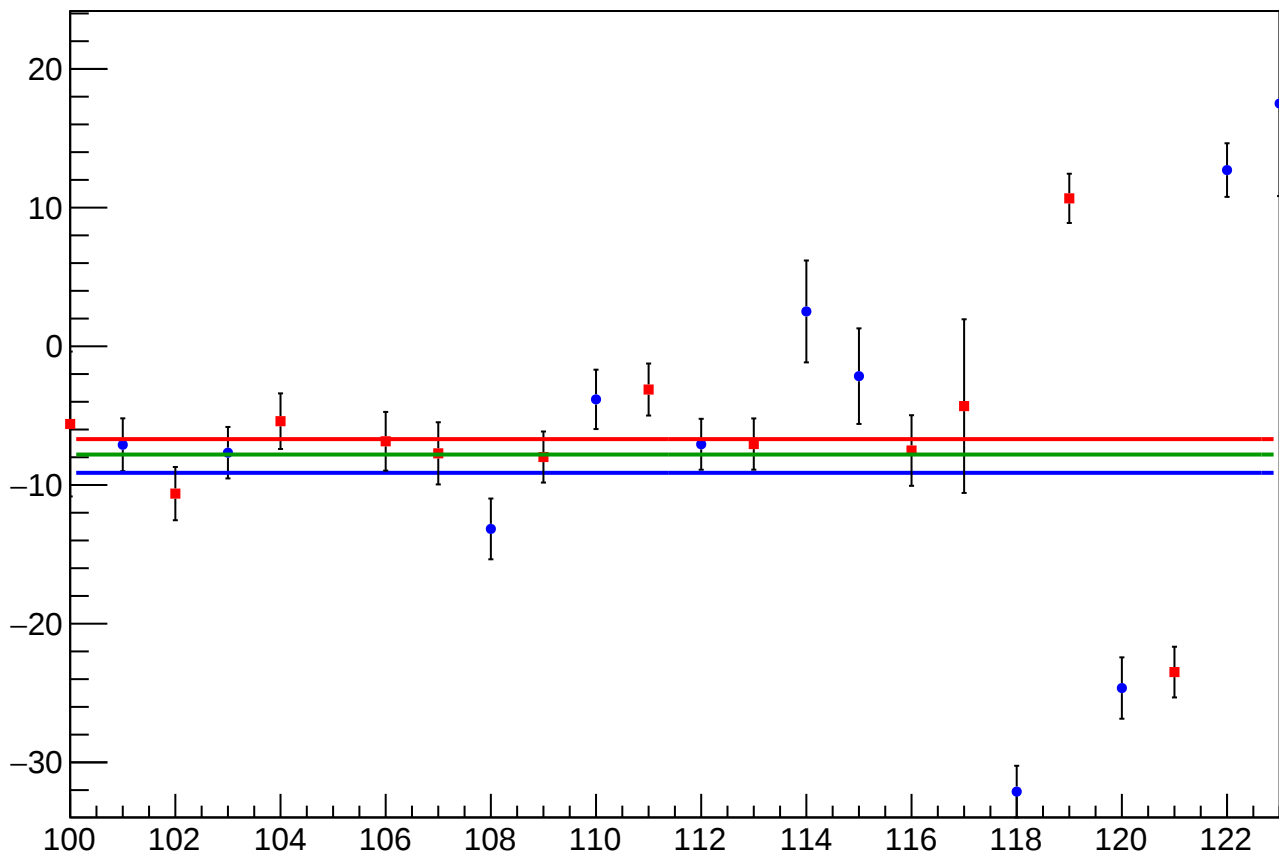
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7548.124+/-2.742 χ^2/NDF : 188078.3/10

7376.876+/-1.838 χ^2/NDF : 364146.7/22

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

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.123 ± 0.670 χ^2/NDF : 371.6/10

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

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

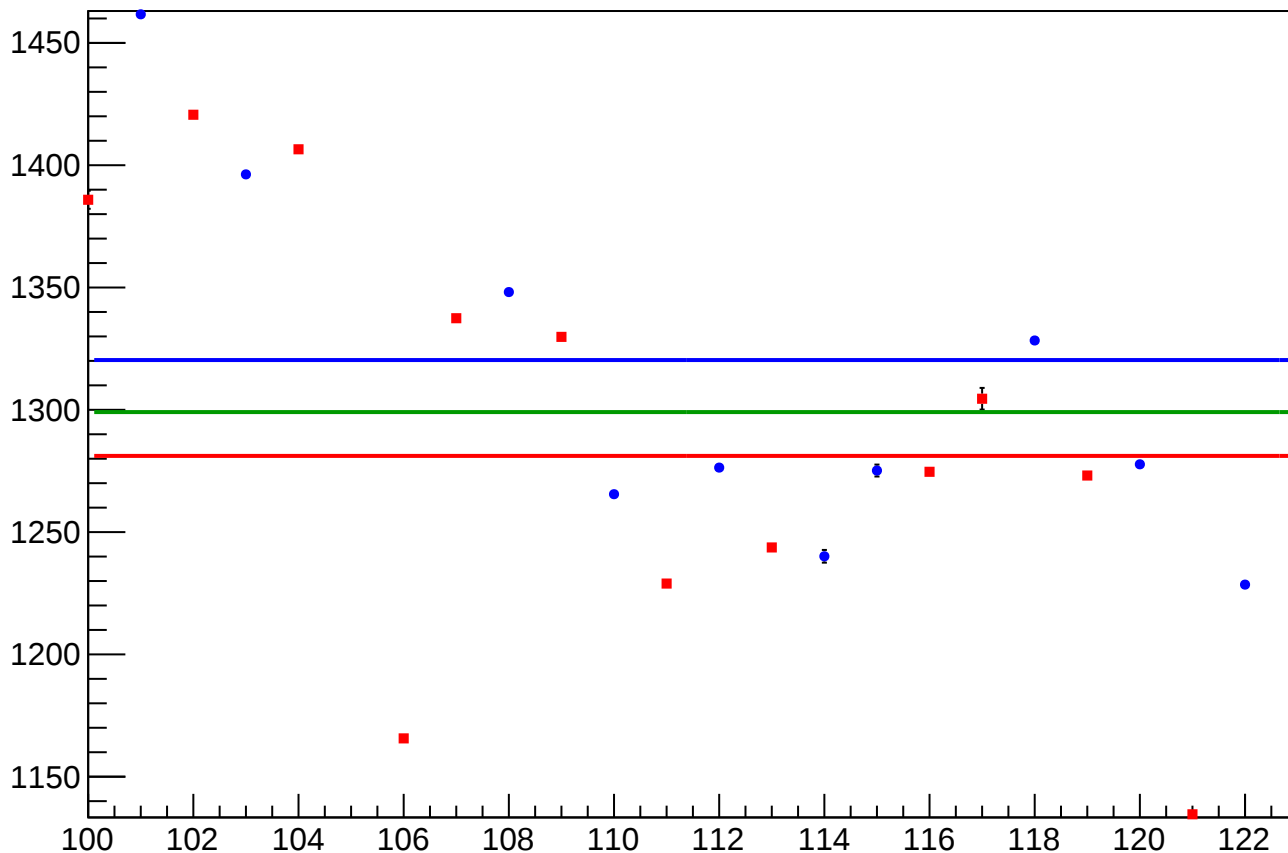
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.123 ± 0.670 χ^2/NDF : 371.6/10

-7.803 ± 0.453 χ^2/NDF : 568.1/22

-6.692 ± 0.615 χ^2/NDF : 189.4/11

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1320.344+/-0.473 χ^2/NDF : 23826.4/10

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

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

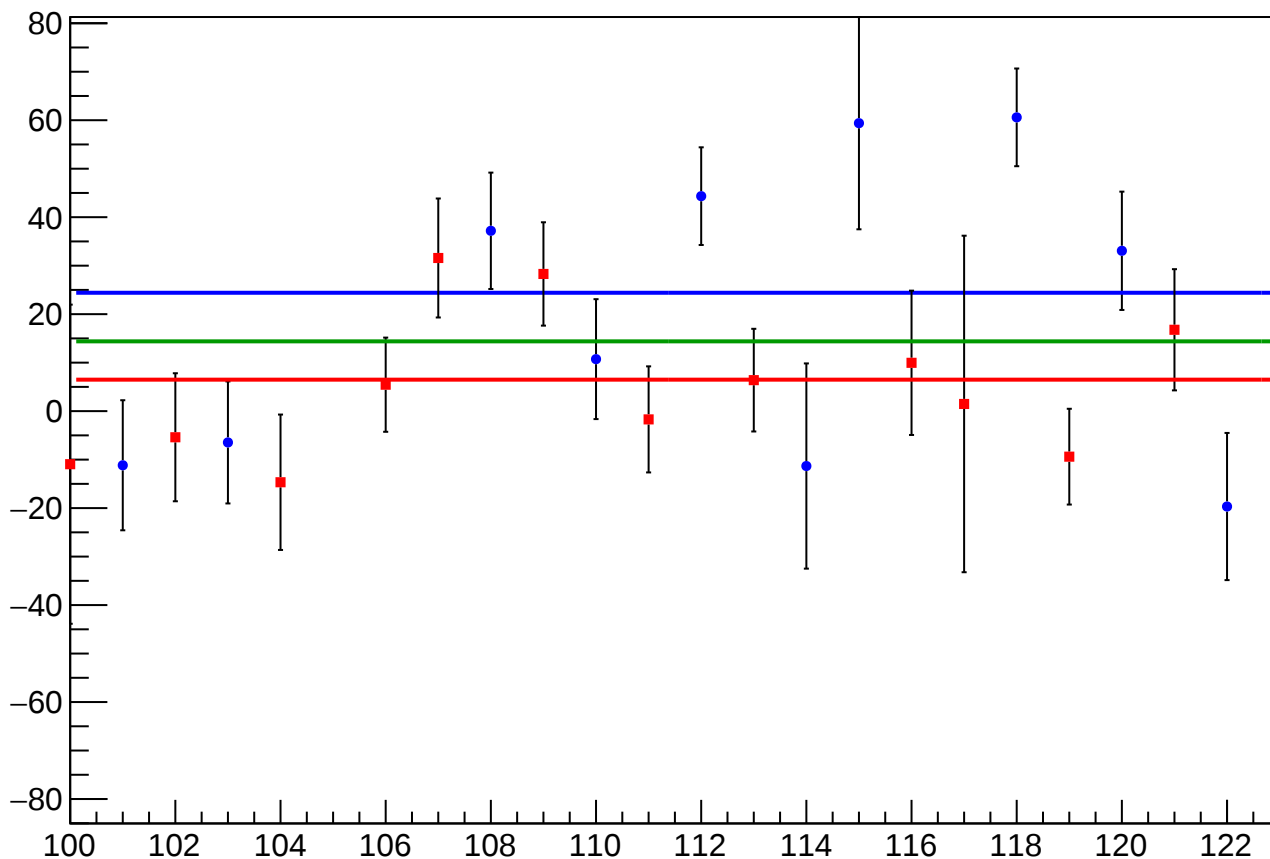
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1320.344+/-0.473 χ^2/NDF : 23826.4/10

1299.072+/-0.320 χ^2/NDF : 70640.9/22

1281.155+/-0.435 χ^2/NDF : 43096.3/11

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.413+/-4.056 χ^2 /NDF: 47.6/10

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

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

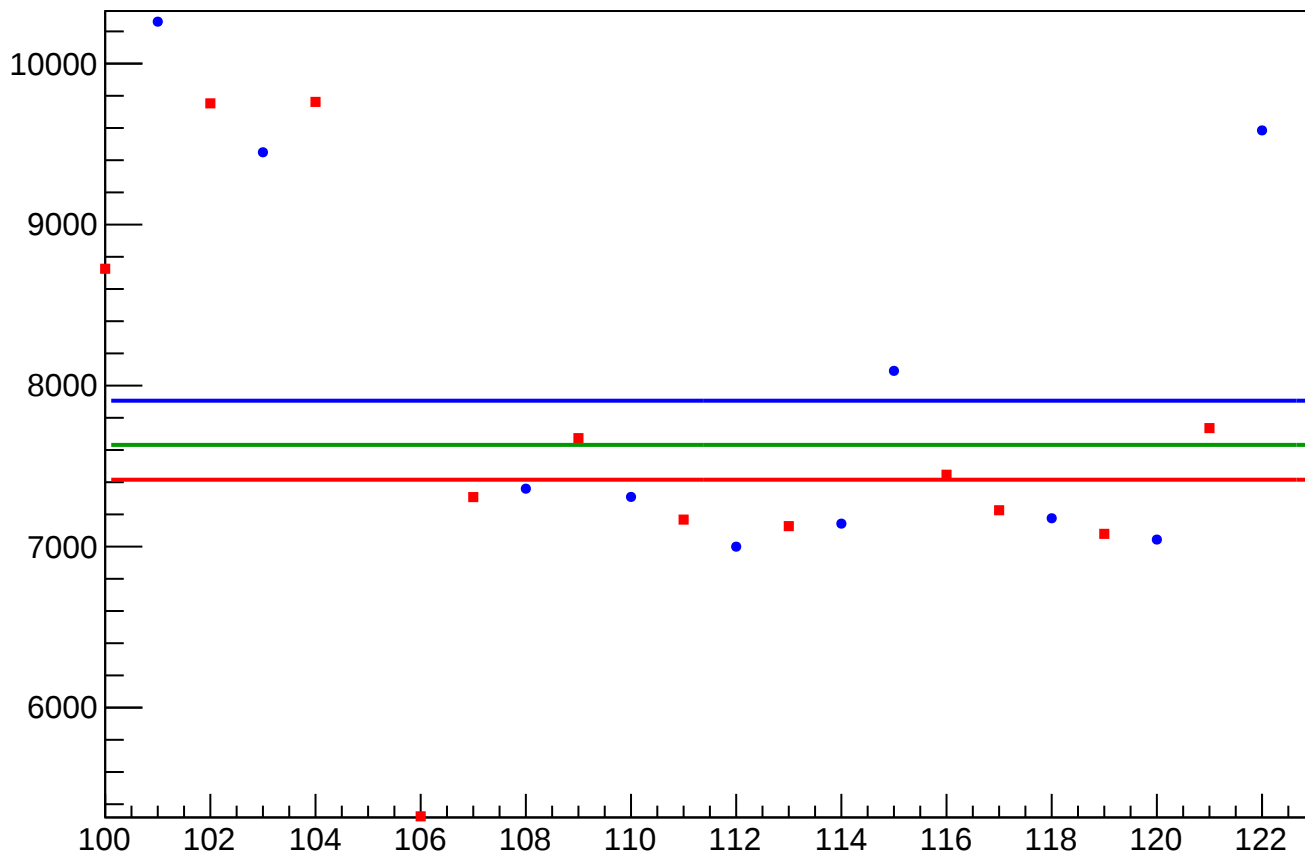
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

24.413+/-4.056 χ^2 /NDF: 47.6/10

14.391+/-2.693 χ^2 /NDF: 74.2/22

6.491+/-3.601 χ^2 /NDF: 15.7/11

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7906.228+/-2.868 χ^2/NDF : 168340.4/10

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

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

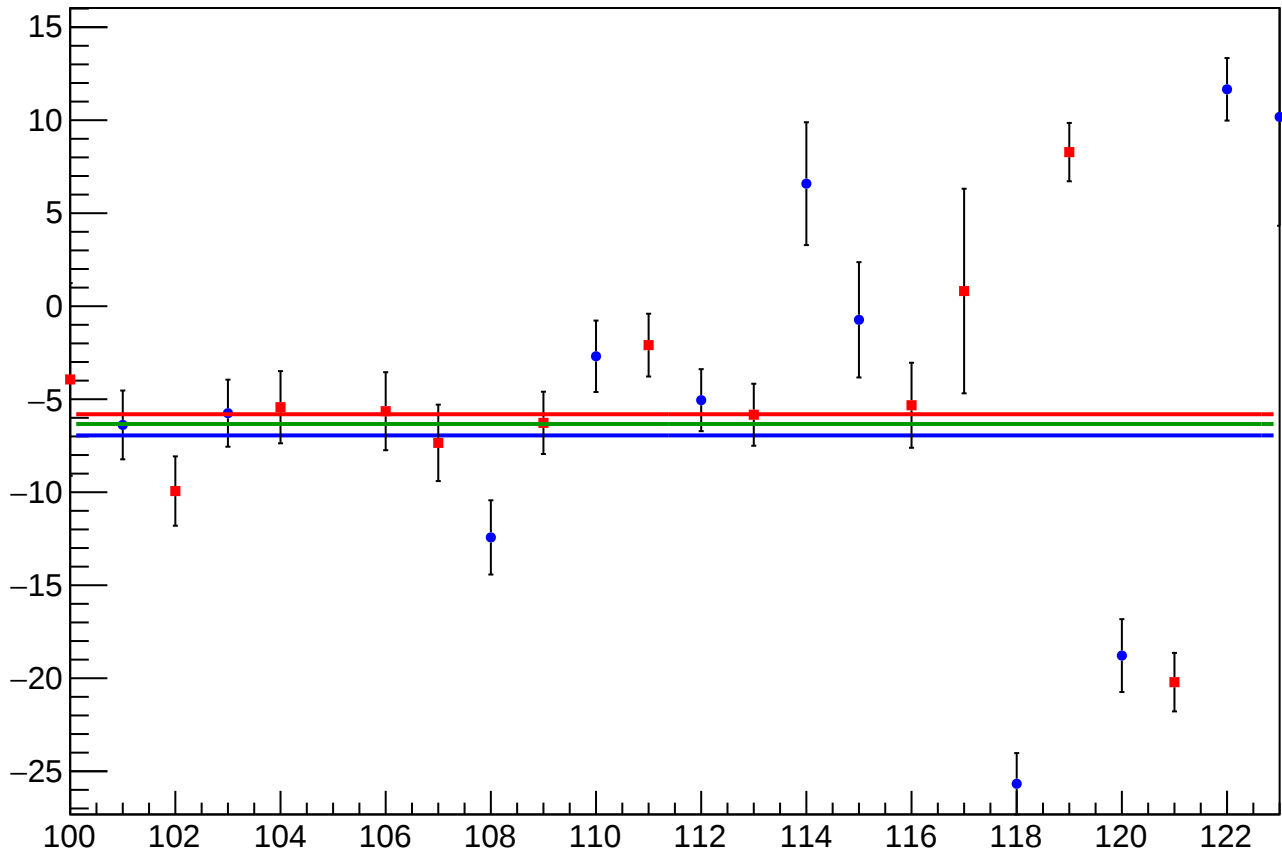
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7906.228+/-2.868 χ^2/NDF : 168340.4/10

7631.796+/-1.904 χ^2/NDF : 407301.5/22

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

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.946+/-0.610 χ^2/NDF : 331.6/10

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

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

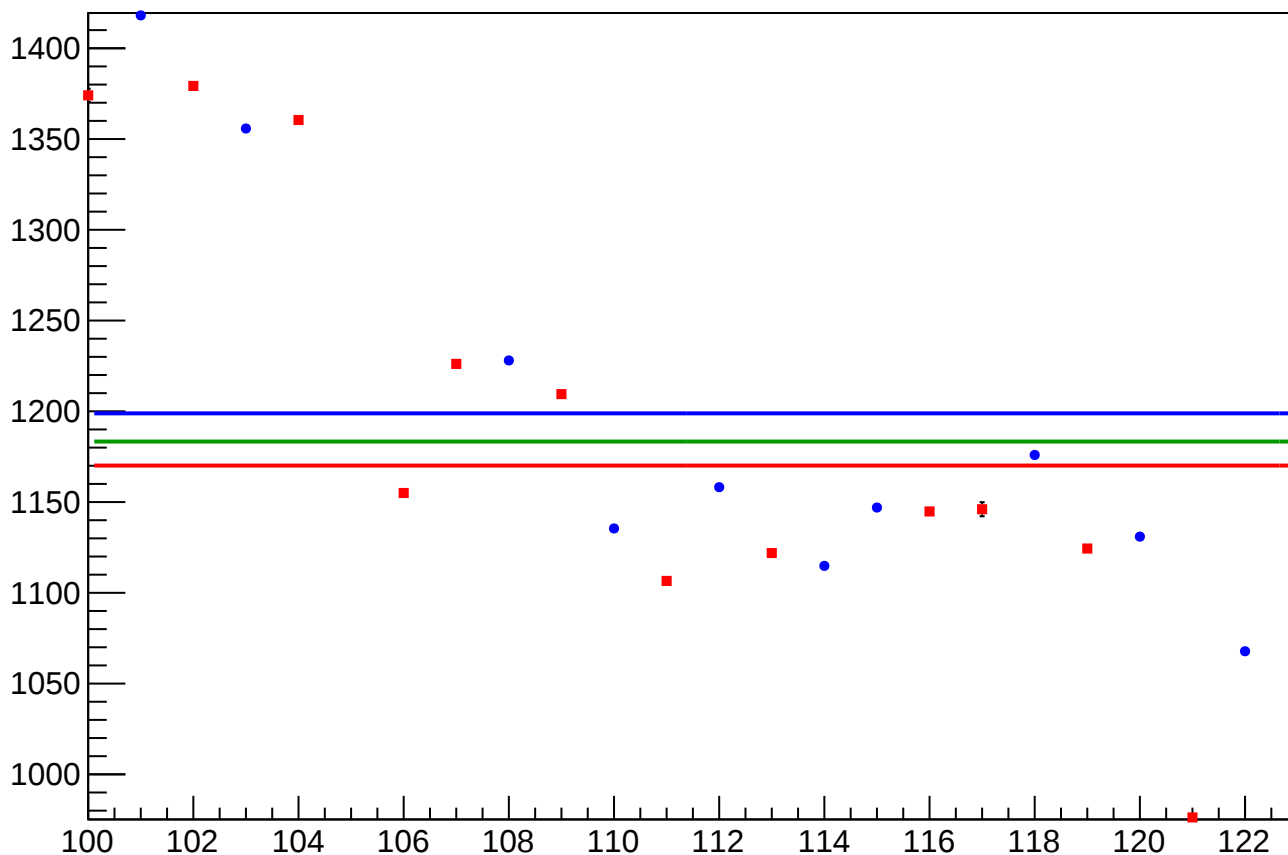
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.946+/-0.610 χ^2/NDF : 331.6/10

-6.331+/-0.414 χ^2/NDF : 510.2/22

-5.807+/-0.563 χ^2/NDF : 176.7/11

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1198.870+/-0.431 χ^2/NDF : 64300.3/10

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

Right Out: 1170.112+/-0.398 χ^2/NDF : 87123.2/11

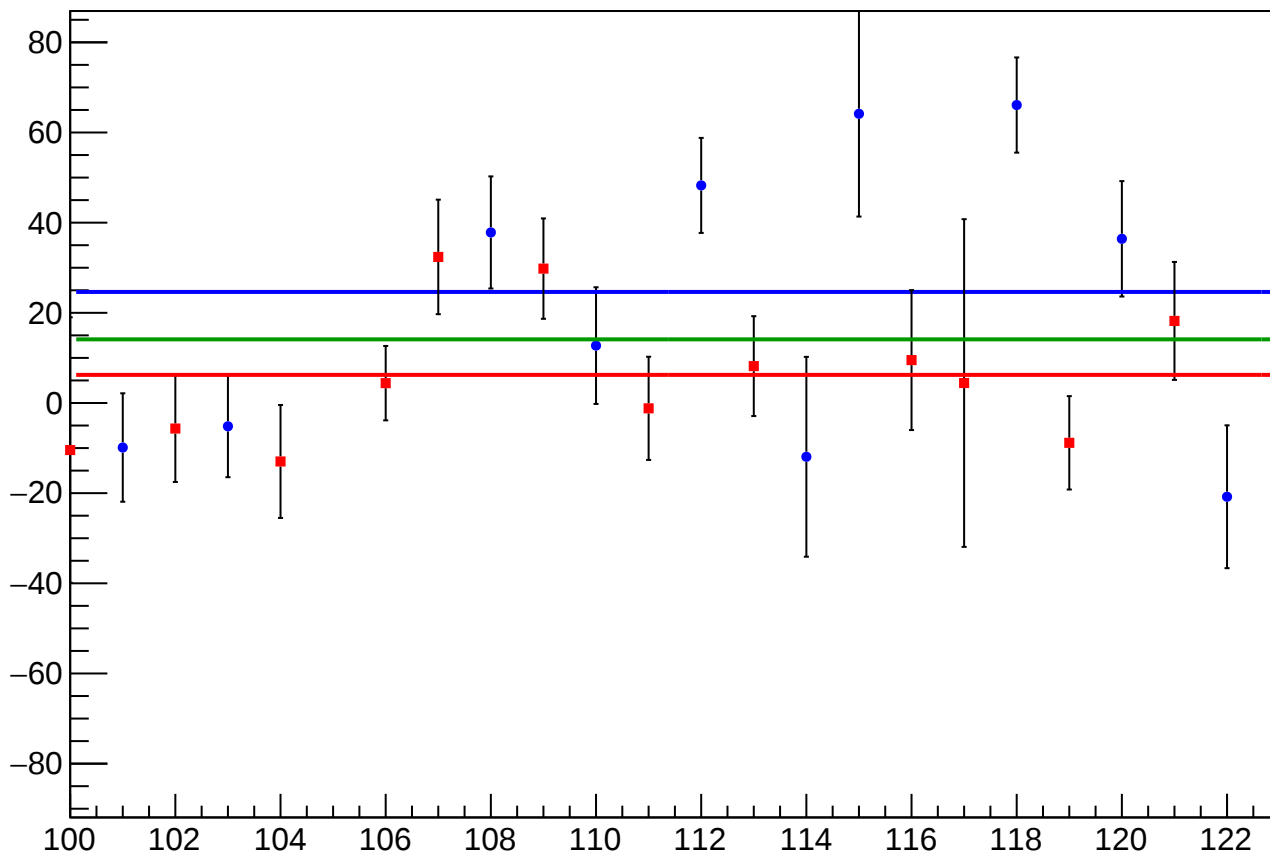
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1198.870+/-0.431 χ^2/NDF : 64300.3/10

1183.341+/-0.292 χ^2/NDF : 153826.5/22

1170.112+/-0.398 χ^2/NDF : 87123.2/11

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.634+/-4.098 χ^2/NDF : 53.6/10

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

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

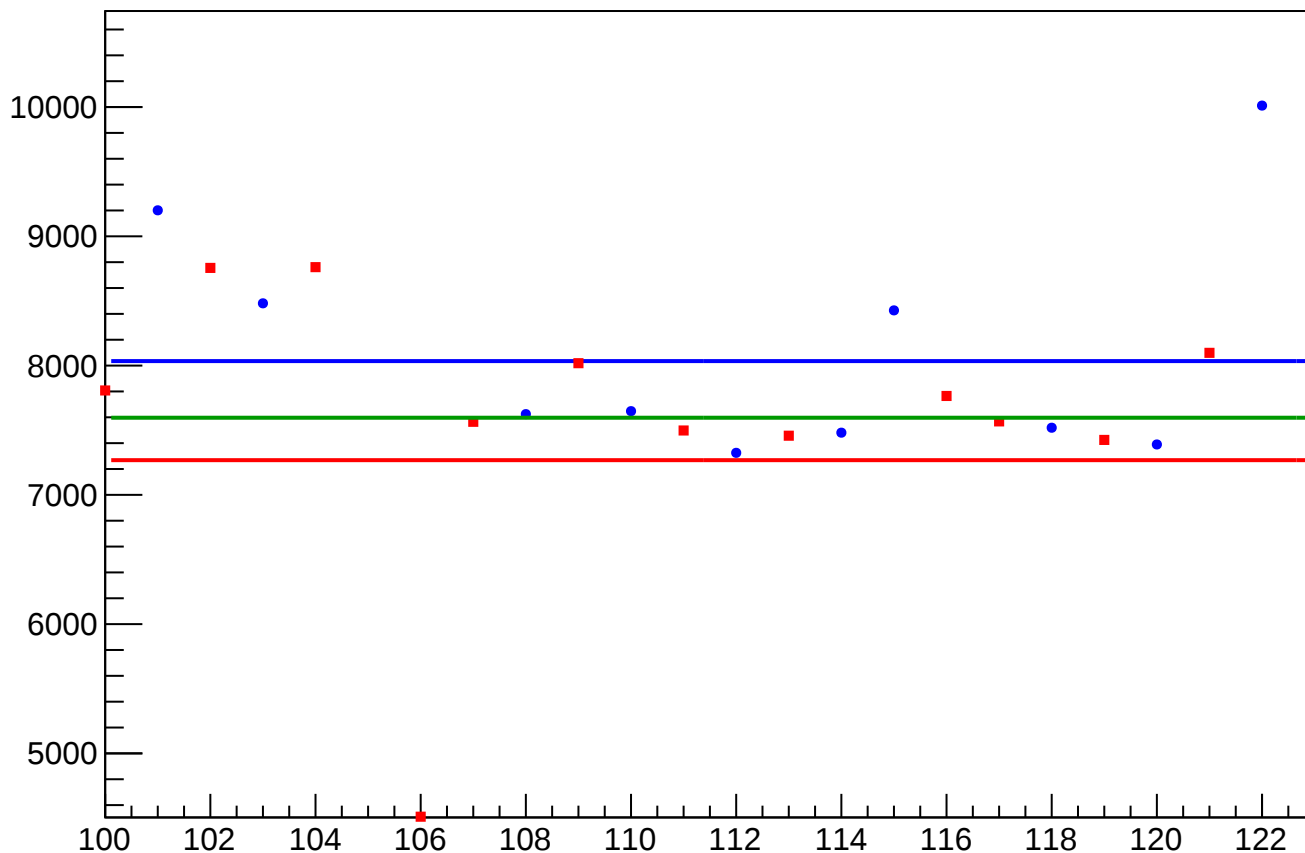
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.634+/-4.098 χ^2/NDF : 53.6/10

14.116+/-2.682 χ^2/NDF : 81.0/22

6.234+/-3.548 χ^2/NDF : 15.9/11

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8034.795+/-2.898 χ^2/NDF : 82316.2/10

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

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

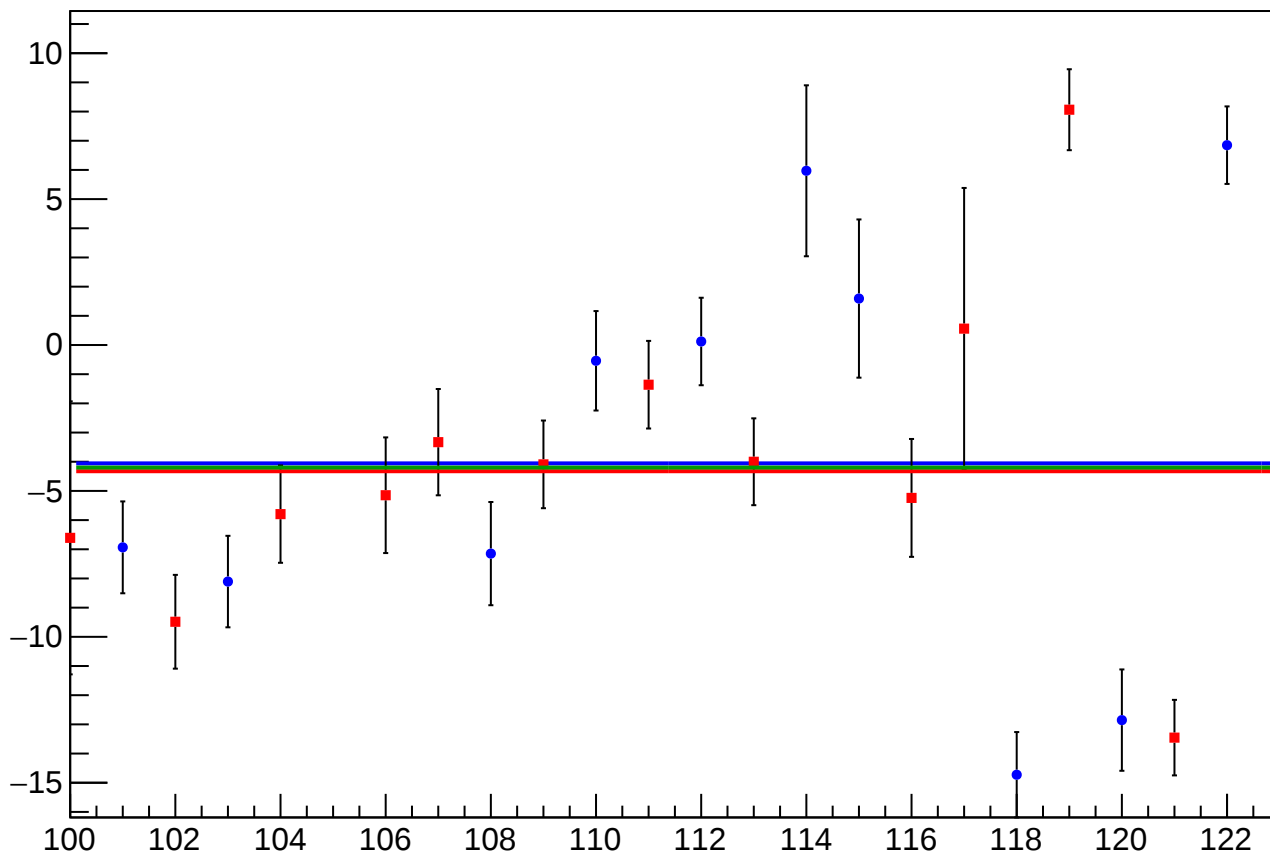
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8034.795+/-2.898 χ^2/NDF : 82316.2/10

7596.676+/-1.897 χ^2/NDF : 428555.4/22

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

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.056+/-0.528 χ^2/NDF : 193.0/10

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

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

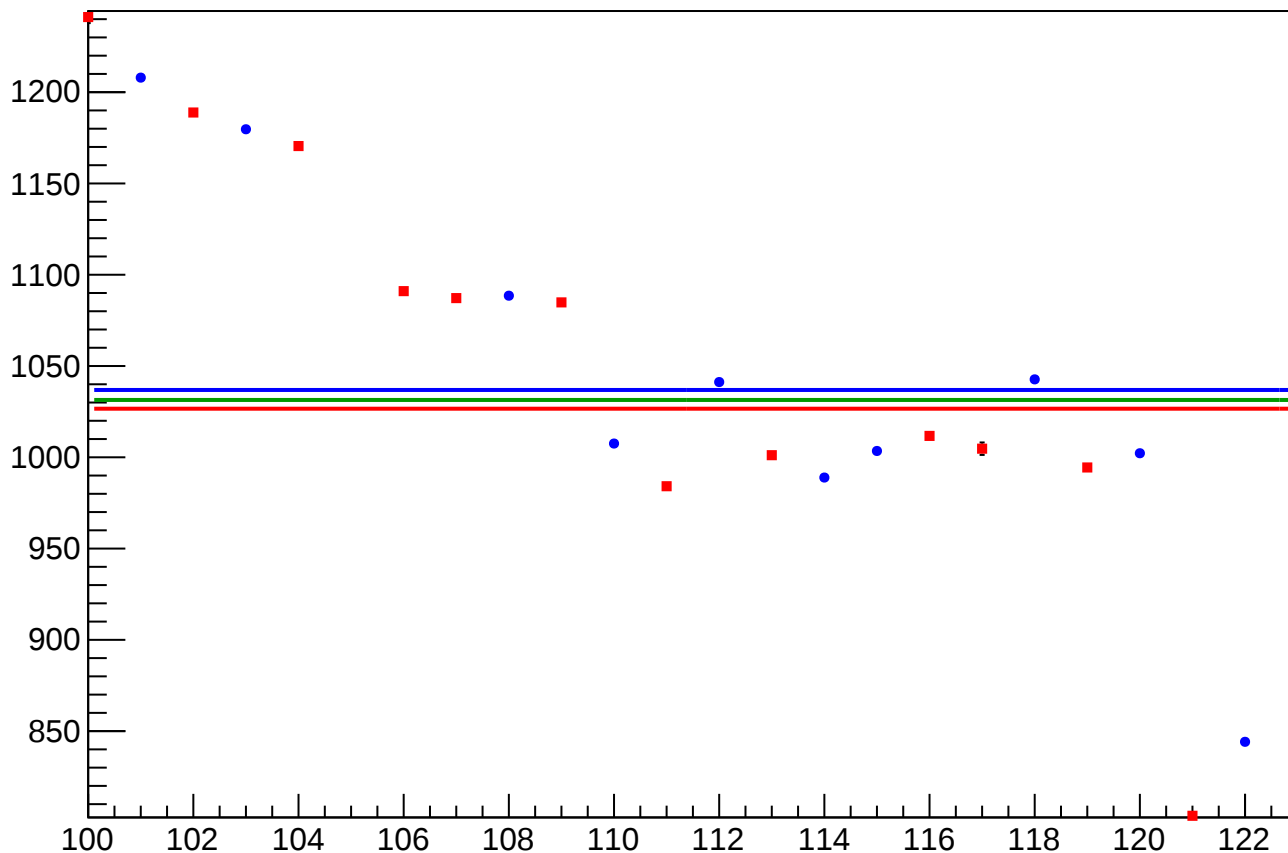
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.056+/-0.528 χ^2/NDF : 193.0/10

-4.199+/-0.361 χ^2/NDF : 339.6/22

-4.325+/-0.494 χ^2/NDF : 146.5/11

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1036.880 $\pm$ 0.373 χ^2 /NDF: 88610.7/10

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

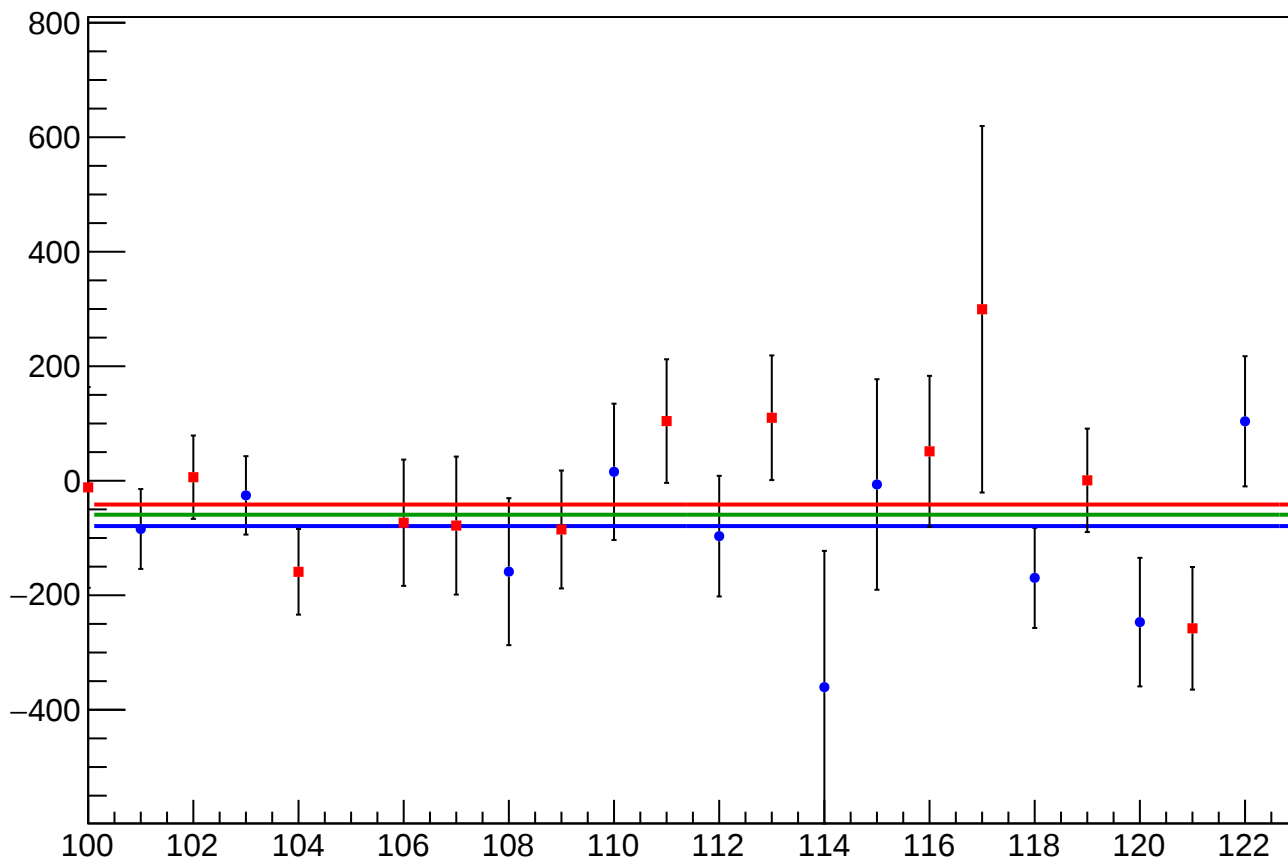
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1036.880 $\pm$ 0.373 χ^2 /NDF: 88610.7/10

1031.409 $\pm$ 0.255 χ^2 /NDF: 198618.5/22

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

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -79.147+/-31.929 χ^2 /NDF: 10.6/10

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

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

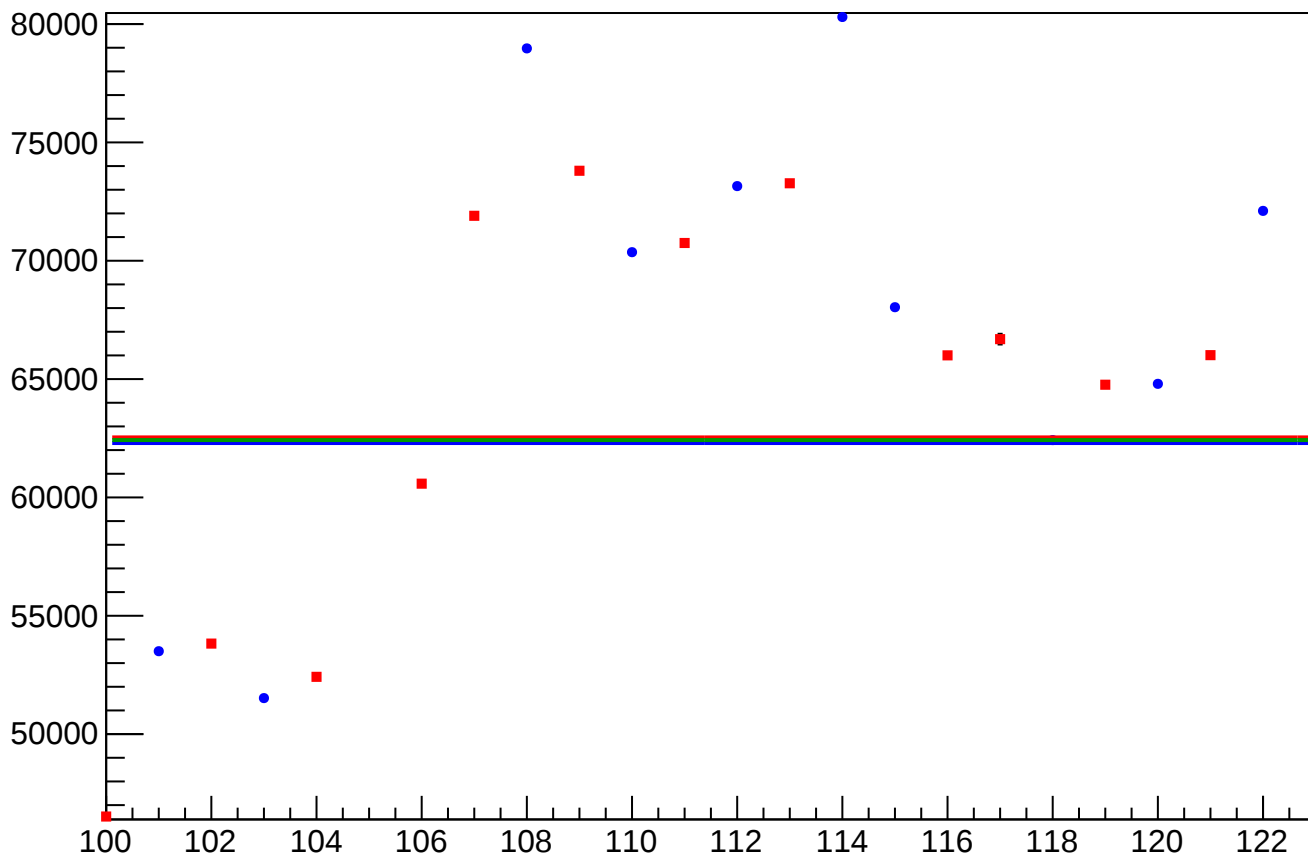
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-79.147+/-31.929 χ^2 /NDF: 10.6/10

-59.324+/-21.961 χ^2 /NDF: 24.3/22

-41.527+/-30.253 χ^2 /NDF: 13.0/11

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 62298.324+/-22.577 χ^2/NDF : 177090.2/10

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

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

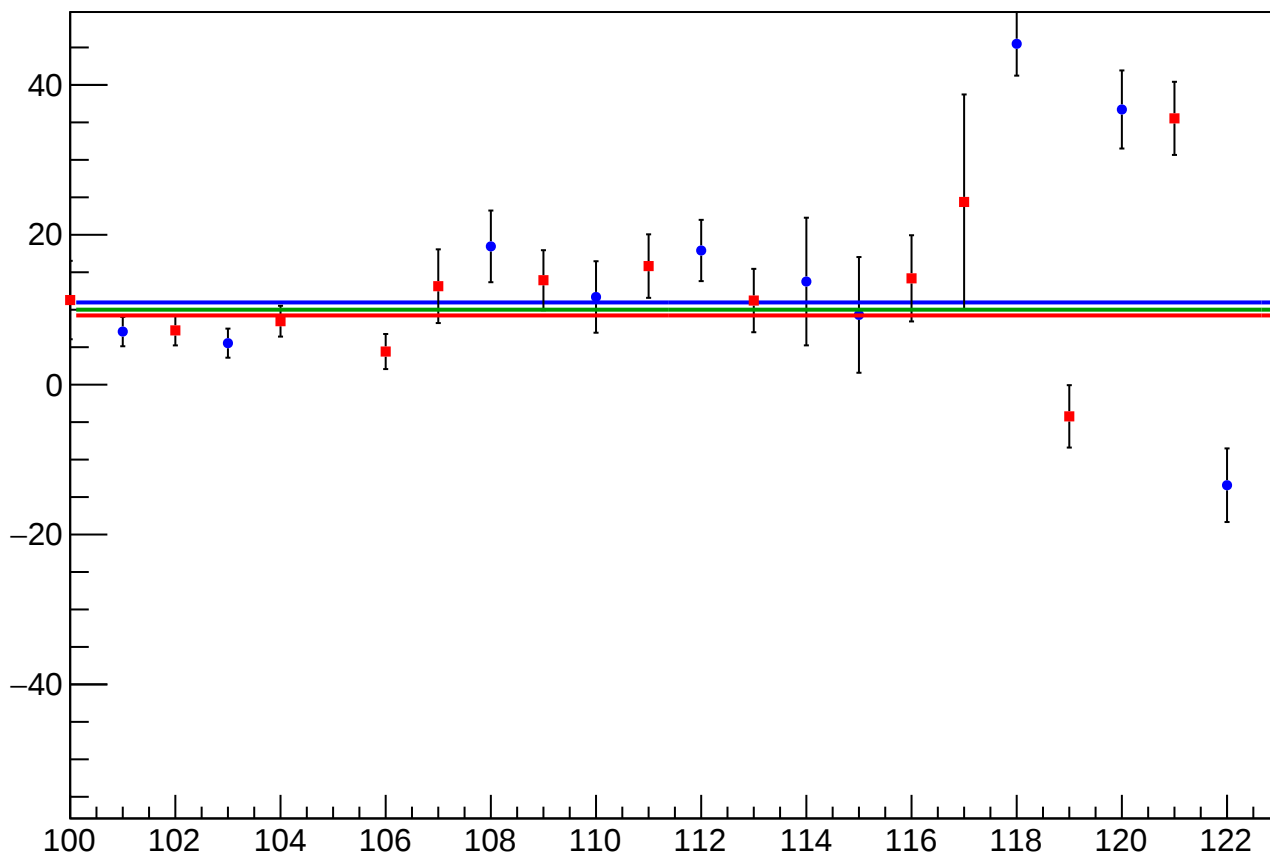
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62298.324+/-22.577 χ^2/NDF : 177090.2/10

62423.464+/-15.529 χ^2/NDF : 331762.7/2

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

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.973+/-1.090 χ^2 /NDF: 141.9/10

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

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

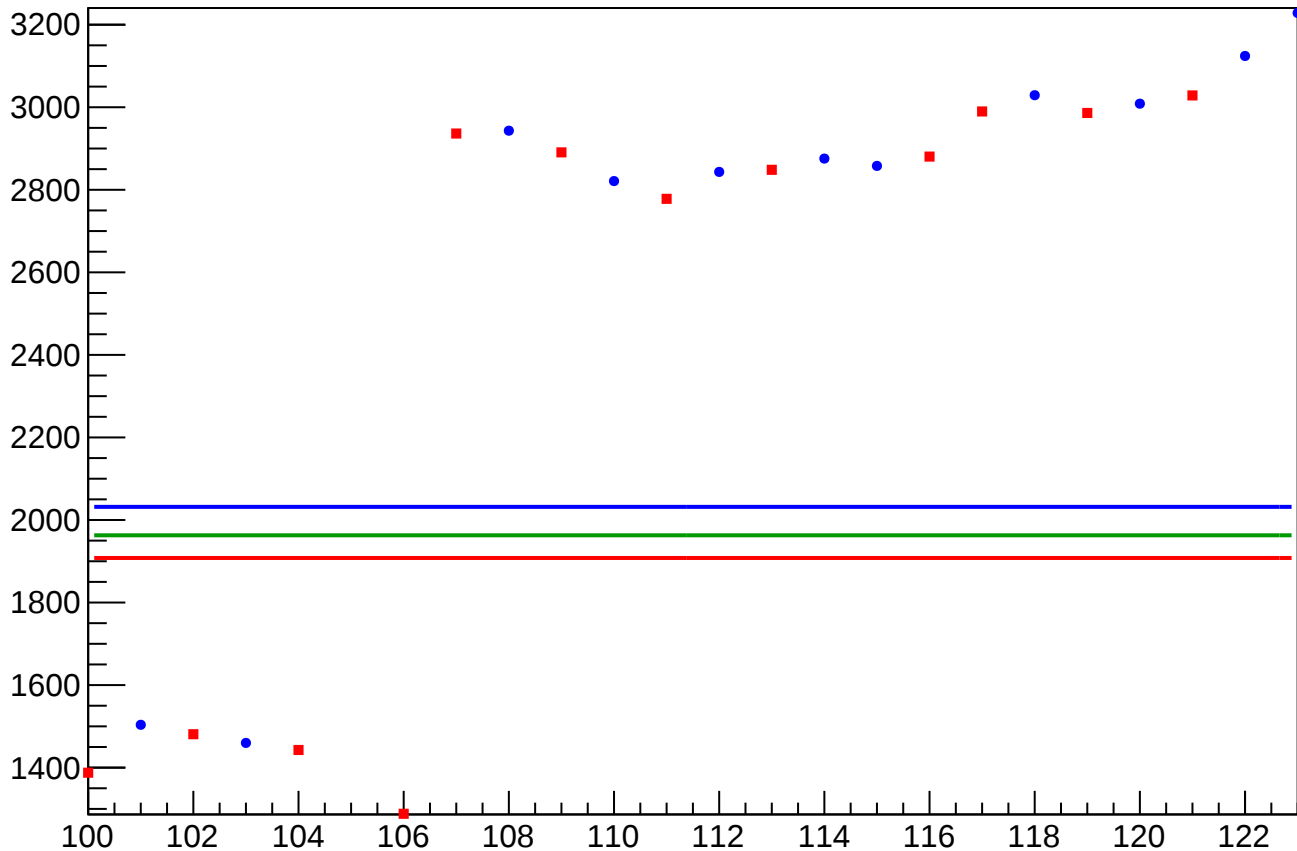
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.973+/-1.090 χ^2 /NDF: 141.9/10

10.007+/-0.726 χ^2 /NDF: 194.8/22

9.237+/-0.974 χ^2 /NDF: 51.5/11

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2031.814 $\pm$ 0.771 χ^2 /NDF: 857302.4/10

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

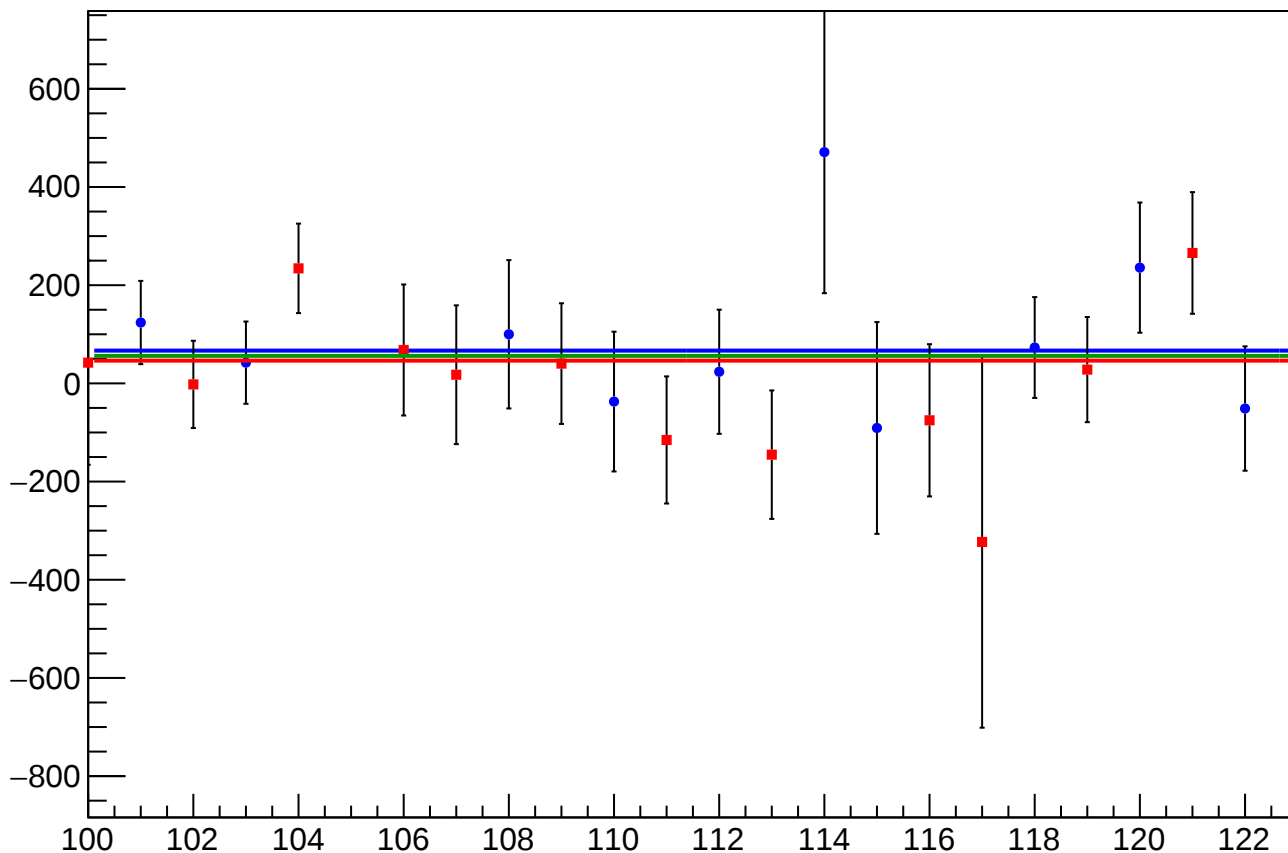
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2031.814 $\pm$ 0.771 χ^2 /NDF: 857302.4/10

1962.916 $\pm$ 0.513 χ^2 /NDF: 1924320.3/22

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

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 66.764 $\pm$ 38.076 χ^2 /NDF: 7.5/10

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

Right Out: 46.354 $\pm$ 36.240 χ^2 /NDF: 13.0/11

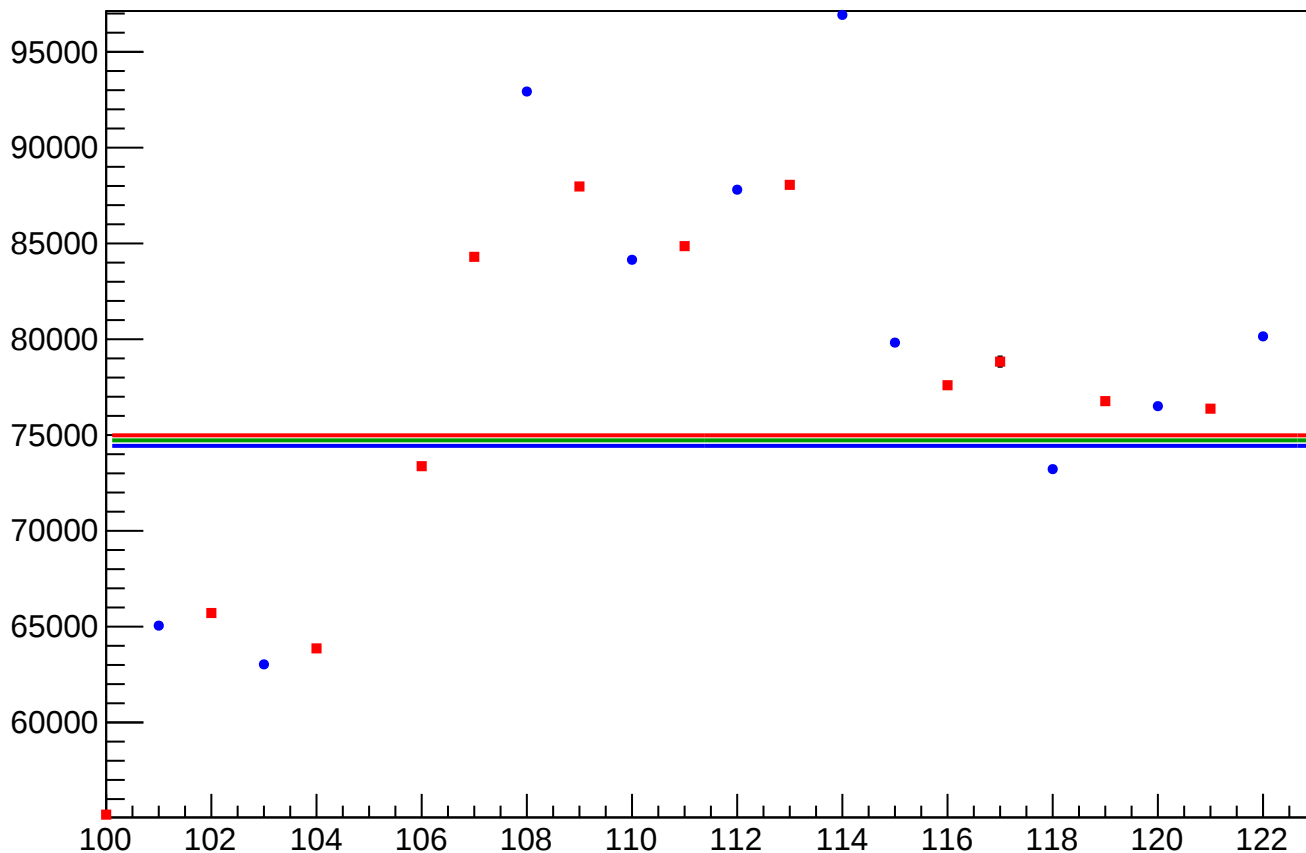
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

66.764 $\pm$ 38.076 χ^2 /NDF: 7.5/10

56.055 $\pm$ 26.251 χ^2 /NDF: 20.7/22

46.354 $\pm$ 36.240 χ^2 /NDF: 13.0/11

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 74436.238 $\pm$ 26.924 χ^2 /NDF: 142837.9/10

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

Right Out: 74984.904 $\pm$ 25.626 χ^2 /NDF: 134149.0/11

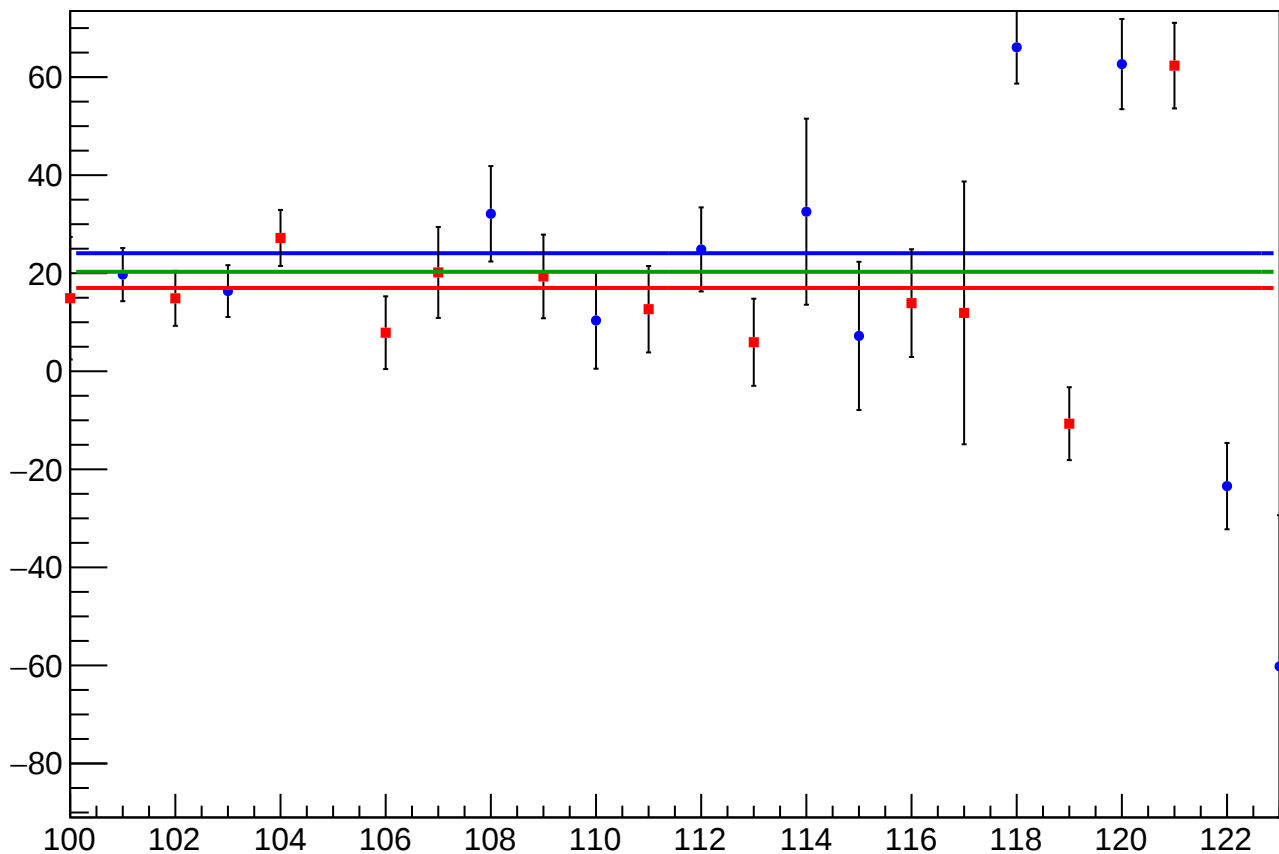
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

74436.238 $\pm$ 26.924 χ^2 /NDF: 142837.9/10

74724.113 $\pm$ 18.562 χ^2 /NDF: 277204.9/2

74984.904 $\pm$ 25.626 χ^2 /NDF: 134149.0/11

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.078 $\pm$ 2.536 χ^2 /NDF: 93.2/10

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

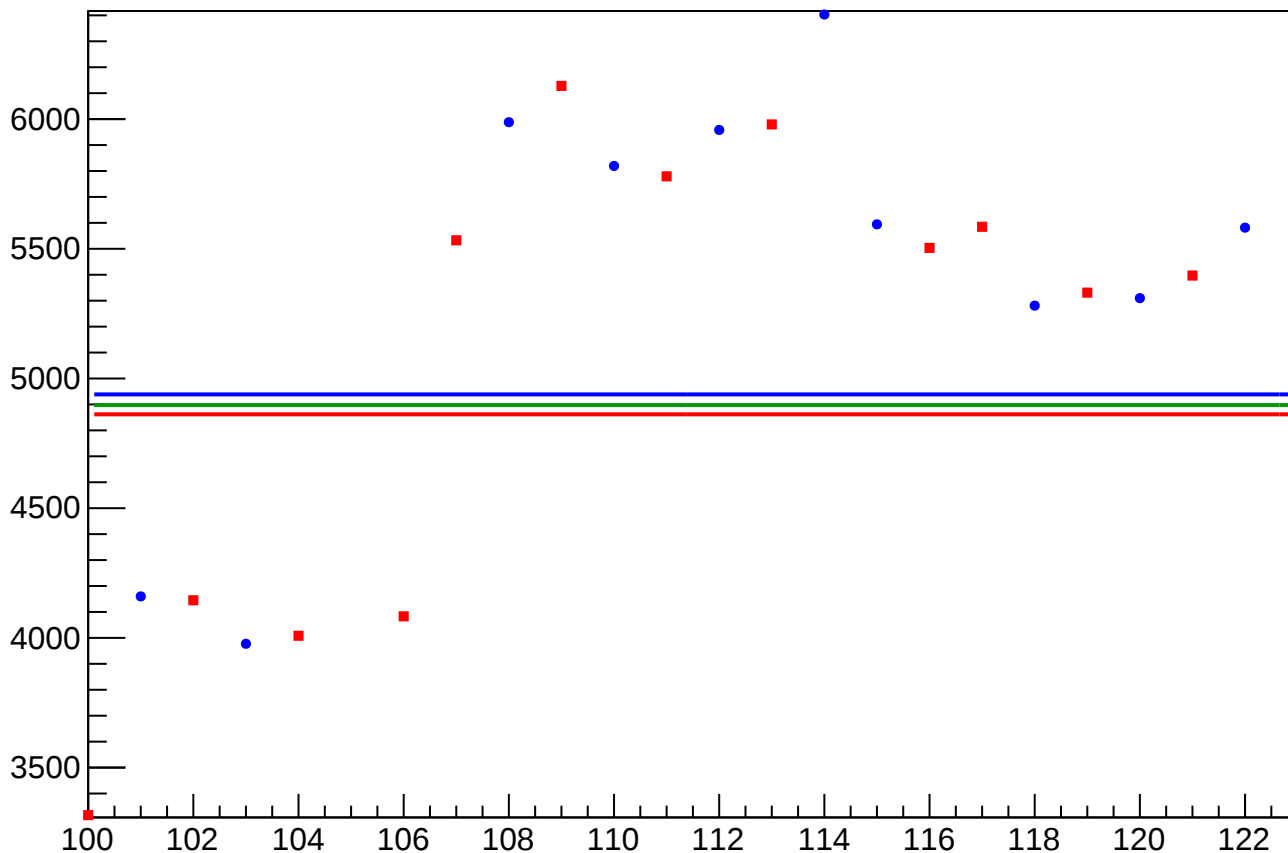
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.078 $\pm$ 2.536 χ^2 /NDF: 93.2/10

20.289 $\pm$ 1.730 χ^2 /NDF: 145.2/22

16.995 $\pm$ 2.365 χ^2 /NDF: 47.8/11

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4938.682 $\pm$ 1.793 χ^2/NDF : 210686.8/10

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

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

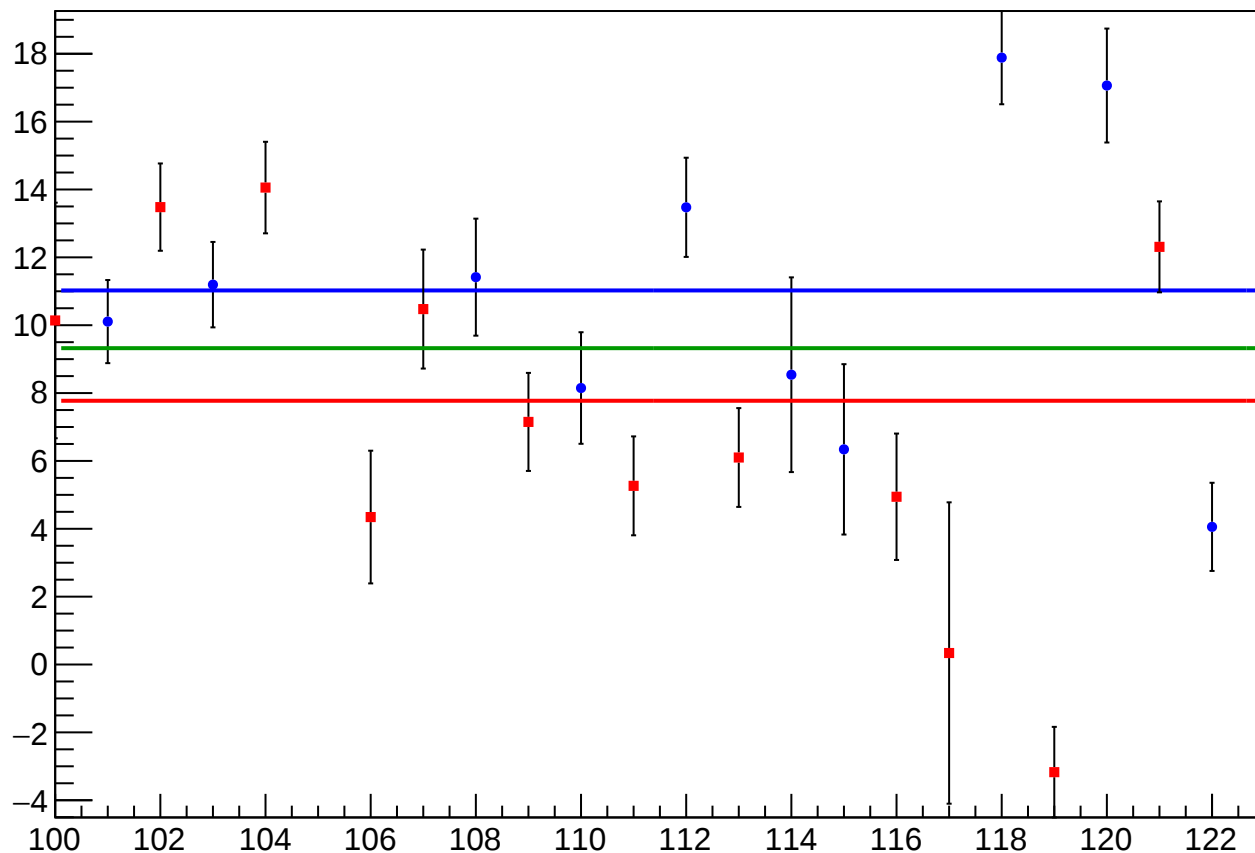
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

4938.682 $\pm$ 1.793 χ^2/NDF : 210686.8/10

4897.571 $\pm$ 1.223 χ^2/NDF : 473196.7/22

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

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.025 $\pm$ 0.483 χ^2/NDF : 79.2/10

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

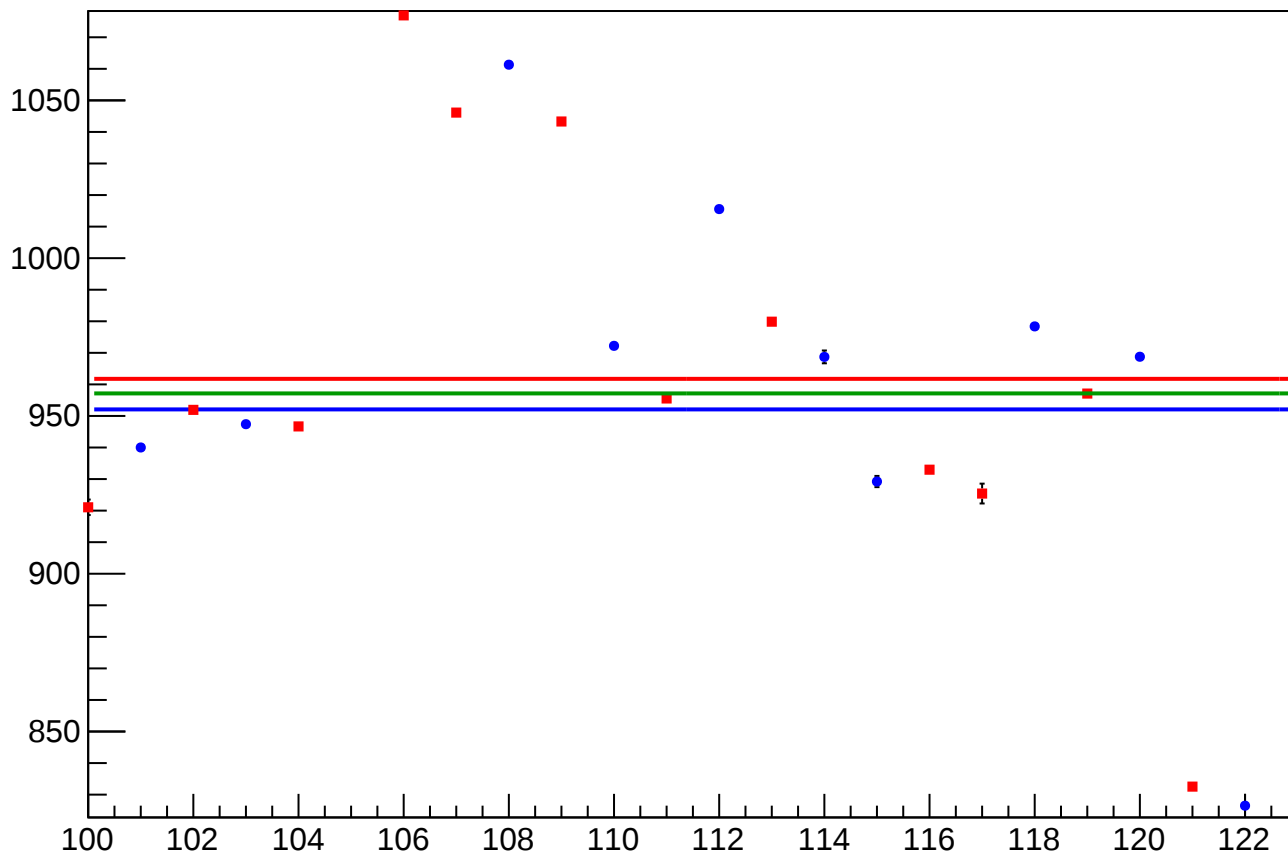
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

11.025 $\pm$ 0.483 χ^2/NDF : 79.2/10

9.323 $\pm$ 0.334 χ^2/NDF : 238.4/22

7.773 $\pm$ 0.461 χ^2/NDF : 135.5/11

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 952.073+/-0.342 χ^2/NDF : 33877.0/10

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

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

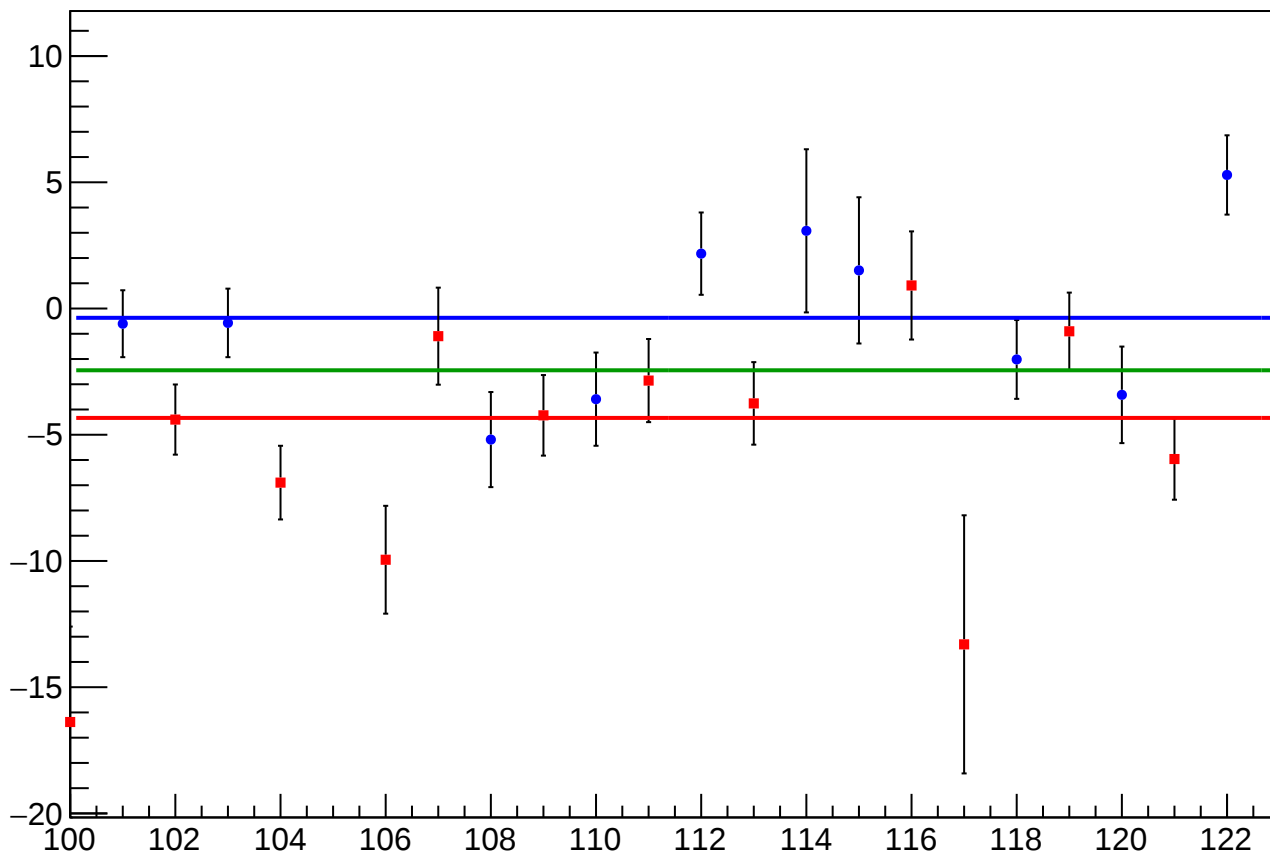
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

952.073+/-0.342 χ^2/NDF : 33877.0/10

957.141+/-0.236 χ^2/NDF : 72444.8/22

961.757+/-0.326 χ^2/NDF : 38147.5/11

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.368+/-0.542 χ^2 /NDF: 32.1/10

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

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

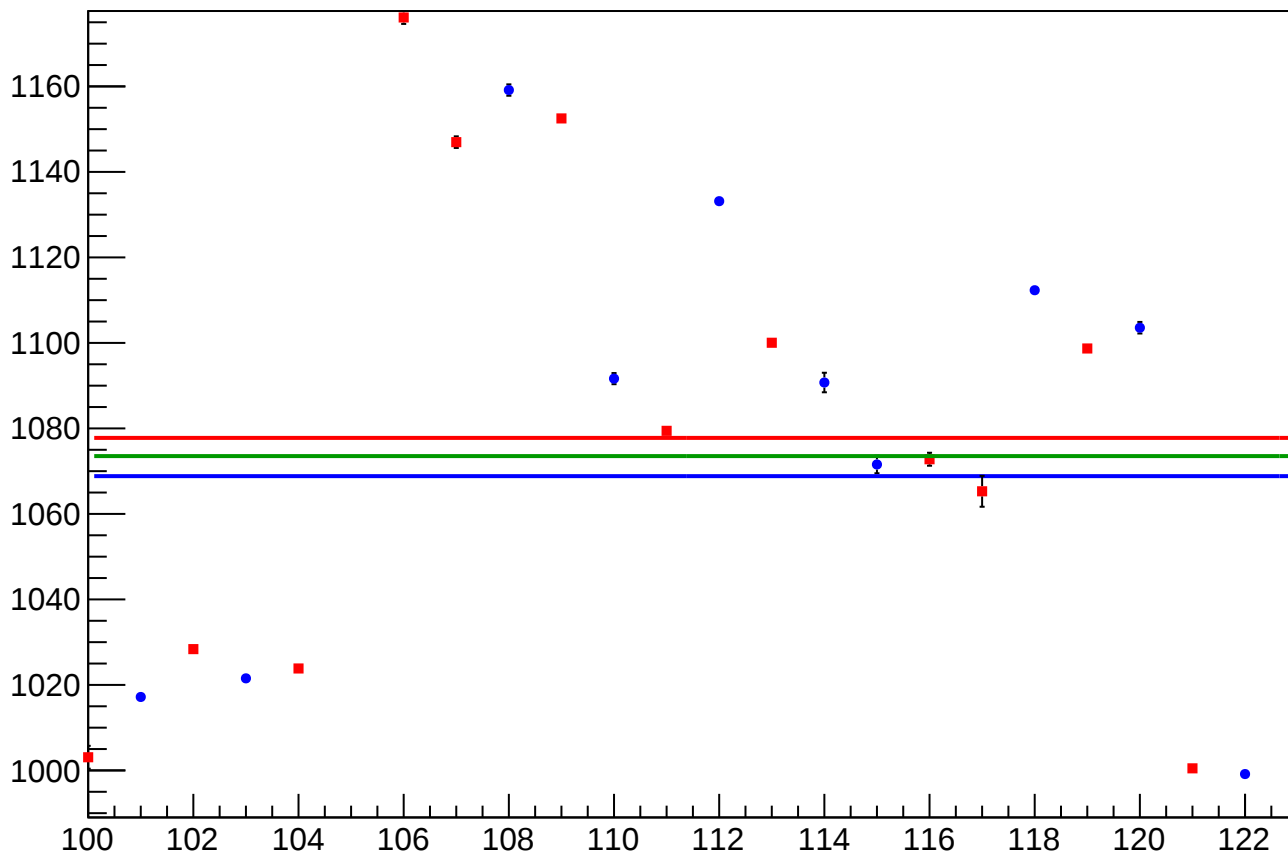
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.368+/-0.542 χ^2 /NDF: 32.1/10

-2.447+/-0.374 χ^2 /NDF: 99.2/22

-4.333+/-0.516 χ^2 /NDF: 39.0/11

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1068.835 $\pm$ 0.383 χ^2 /NDF: 20148.8/10

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

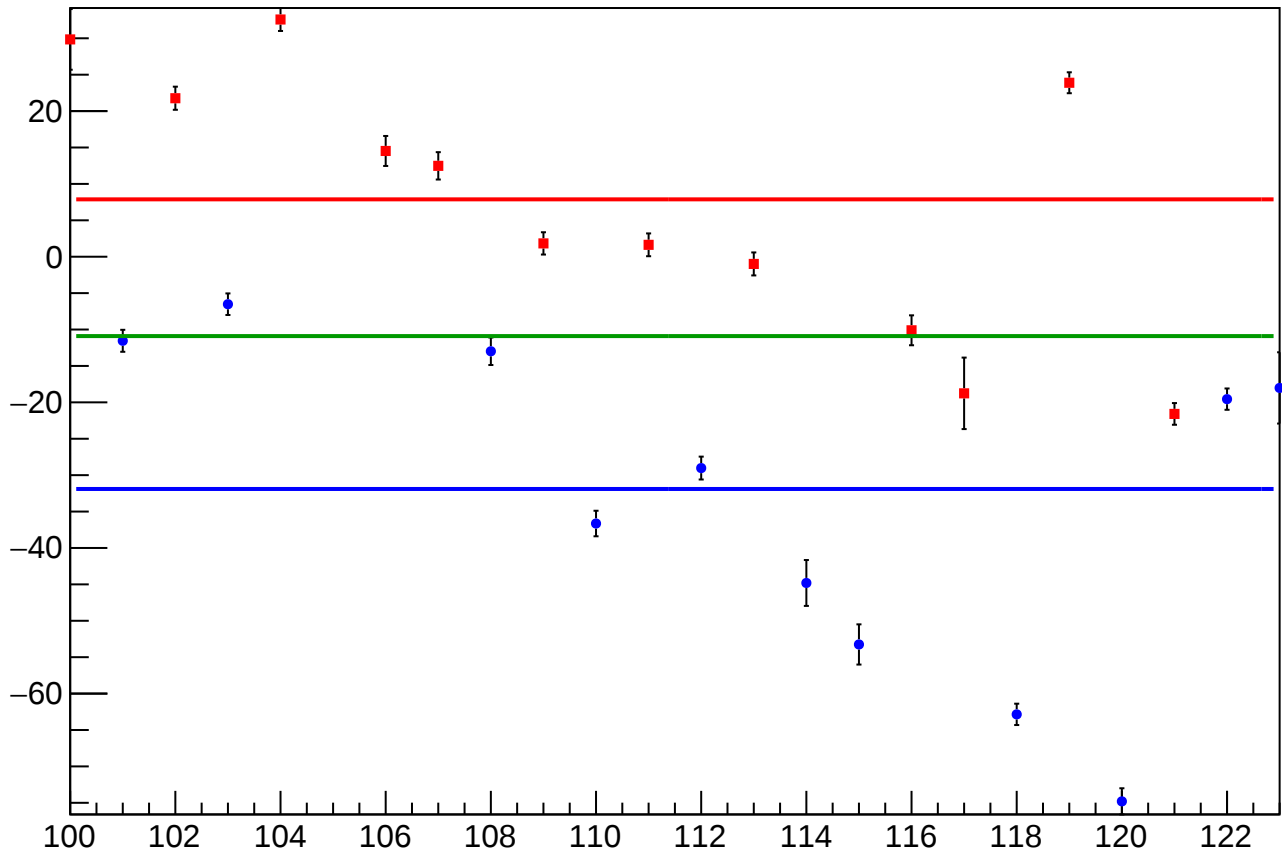
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1068.835 $\pm$ 0.383 χ^2 /NDF: 20148.8/10

1073.525 $\pm$ 0.264 χ^2 /NDF: 43060.1/22

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

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -31.898 $\pm$ 0.541 χ^2 /NDF: 1757.2/10

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

Right Out: 7.879 $\pm$ 0.511 χ^2 /NDF: 1051.1/11

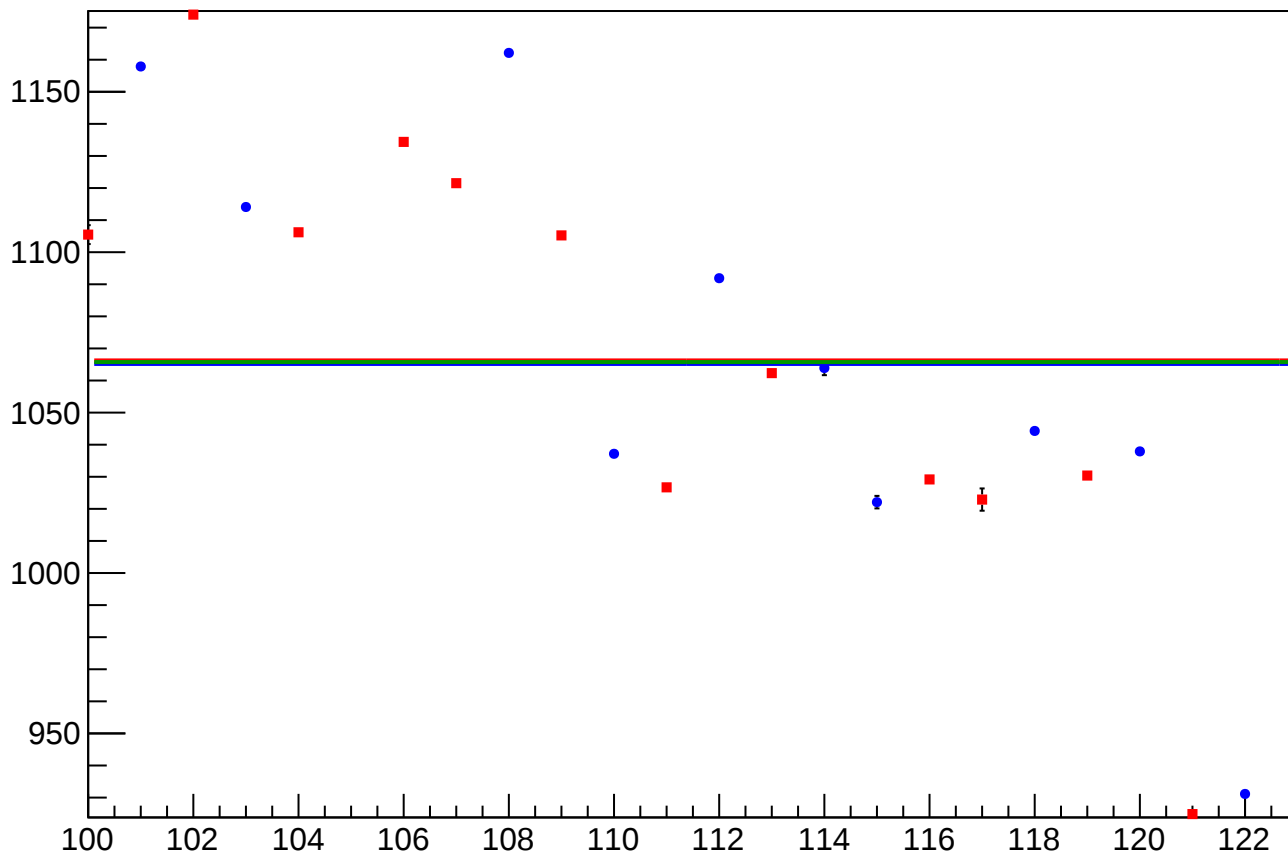
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-31.898 $\pm$ 0.541 χ^2 /NDF: 1757.2/10

-10.900 $\pm$ 0.371 χ^2 /NDF: 5665.6/22

7.879 $\pm$ 0.511 χ^2 /NDF: 1051.1/11

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1065.174+/-0.382 χ^2/NDF : 35638.2/10

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

Right Out: 1066.267+/-0.362 χ^2/NDF : 37271.3/11

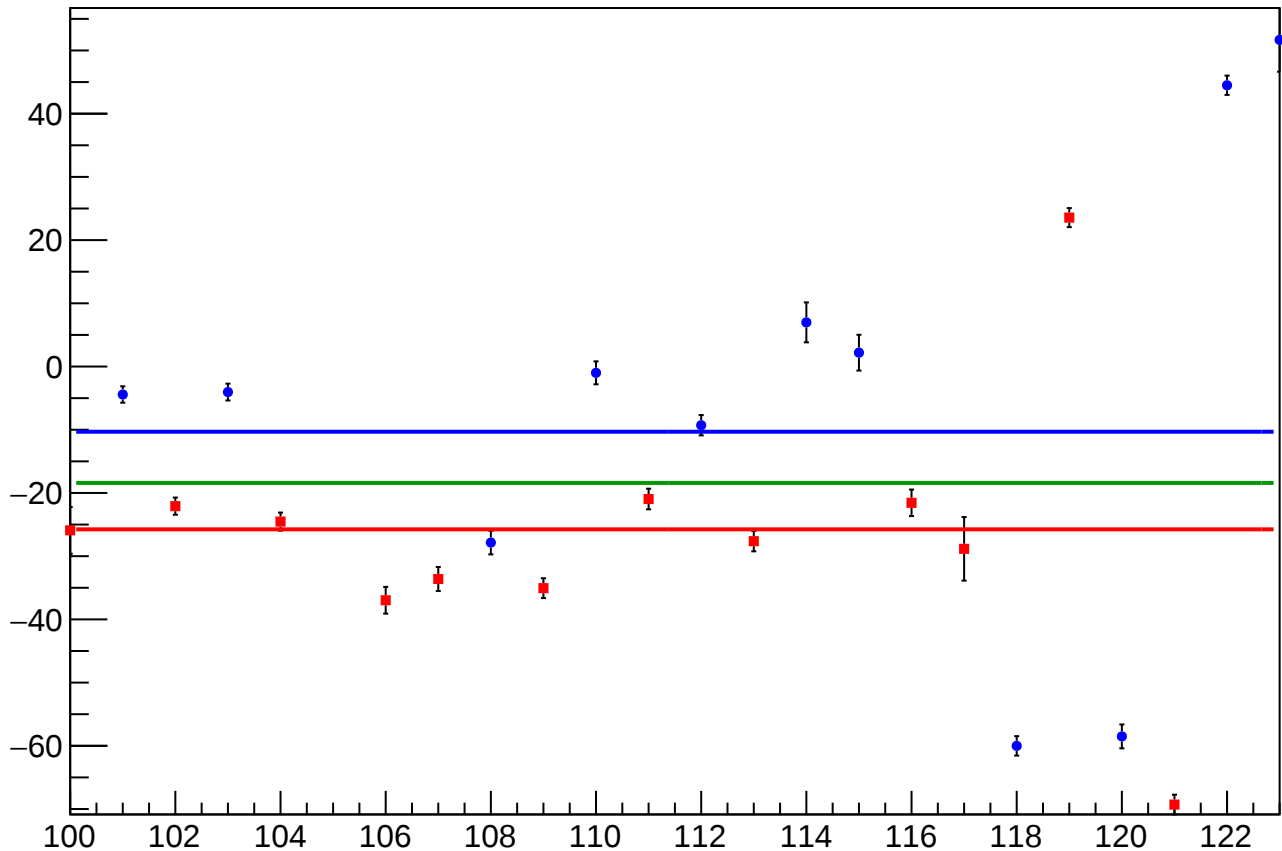
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1065.174+/-0.382 χ^2/NDF : 35638.2/10

1065.751+/-0.263 χ^2/NDF : 72913.9/22

1066.267+/-0.362 χ^2/NDF : 37271.3/11

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -10.313 ± 0.532 χ^2/NDF : 3342.0/10

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

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

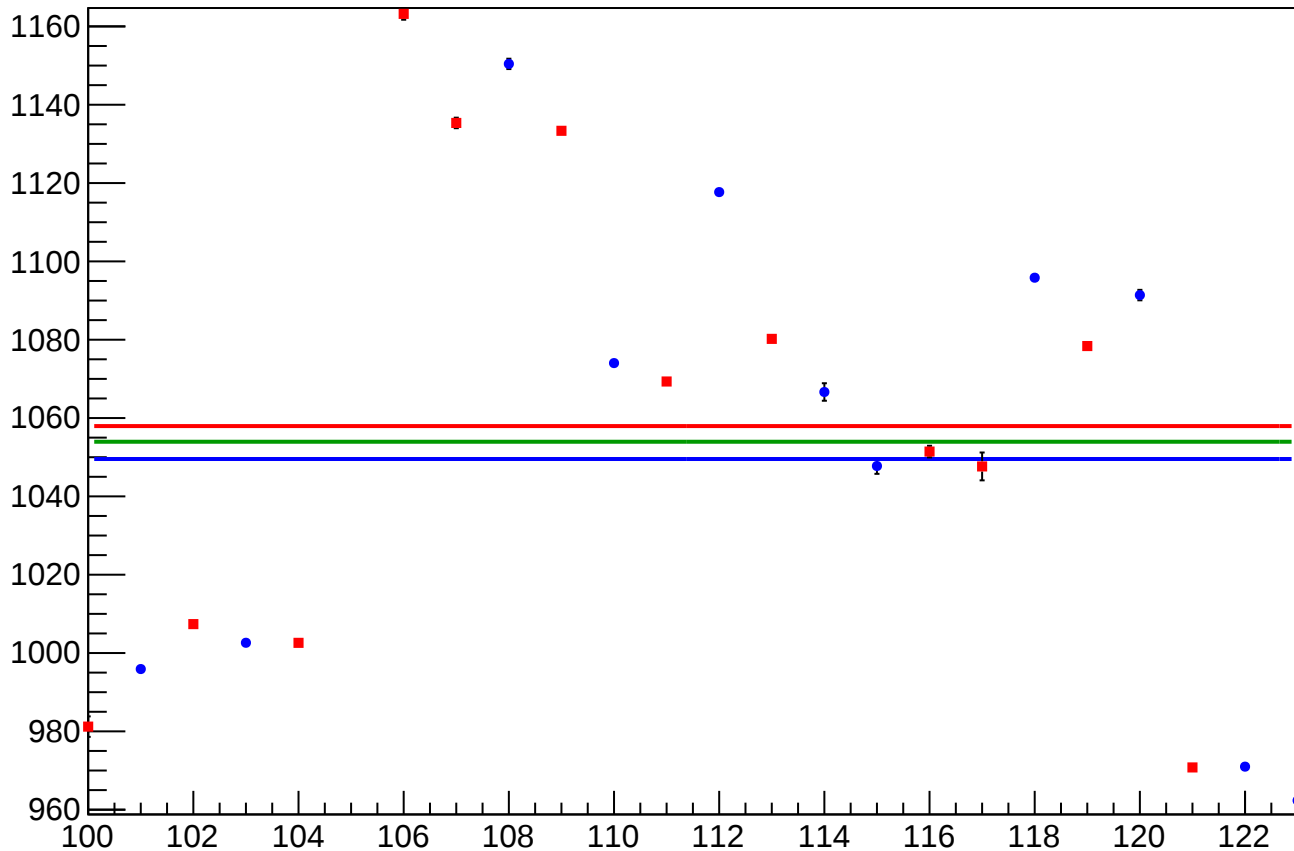
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.313 ± 0.532 χ^2/NDF : 3342.0/10

-18.410 ± 0.367 χ^2/NDF : 5737.0/22

-25.755 ± 0.507 χ^2/NDF : 1953.7/11

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1049.541 $\pm$ 0.376 χ^2 /NDF: 24427.5/10

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

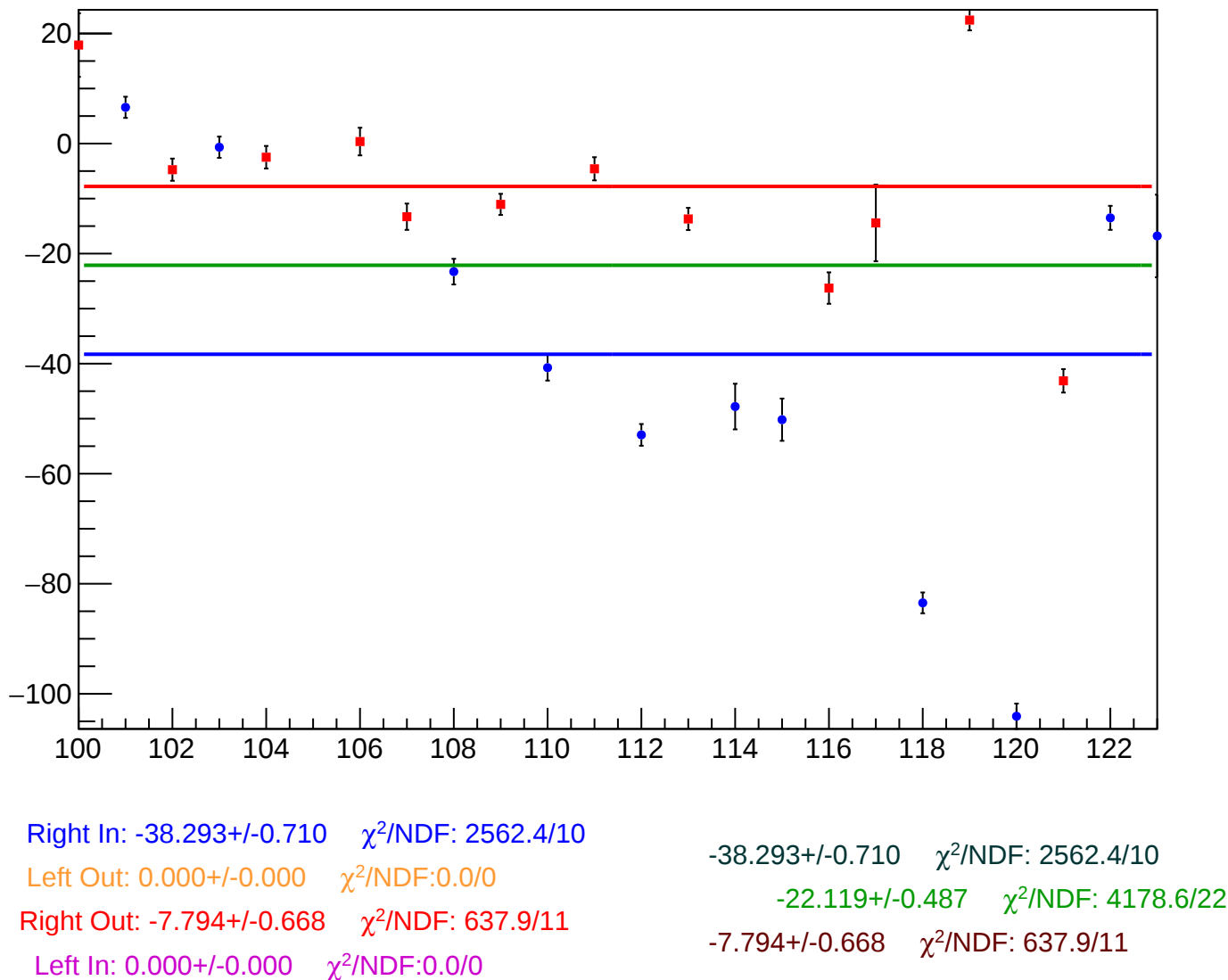
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1049.541 $\pm$ 0.376 χ^2 /NDF: 24427.5/10

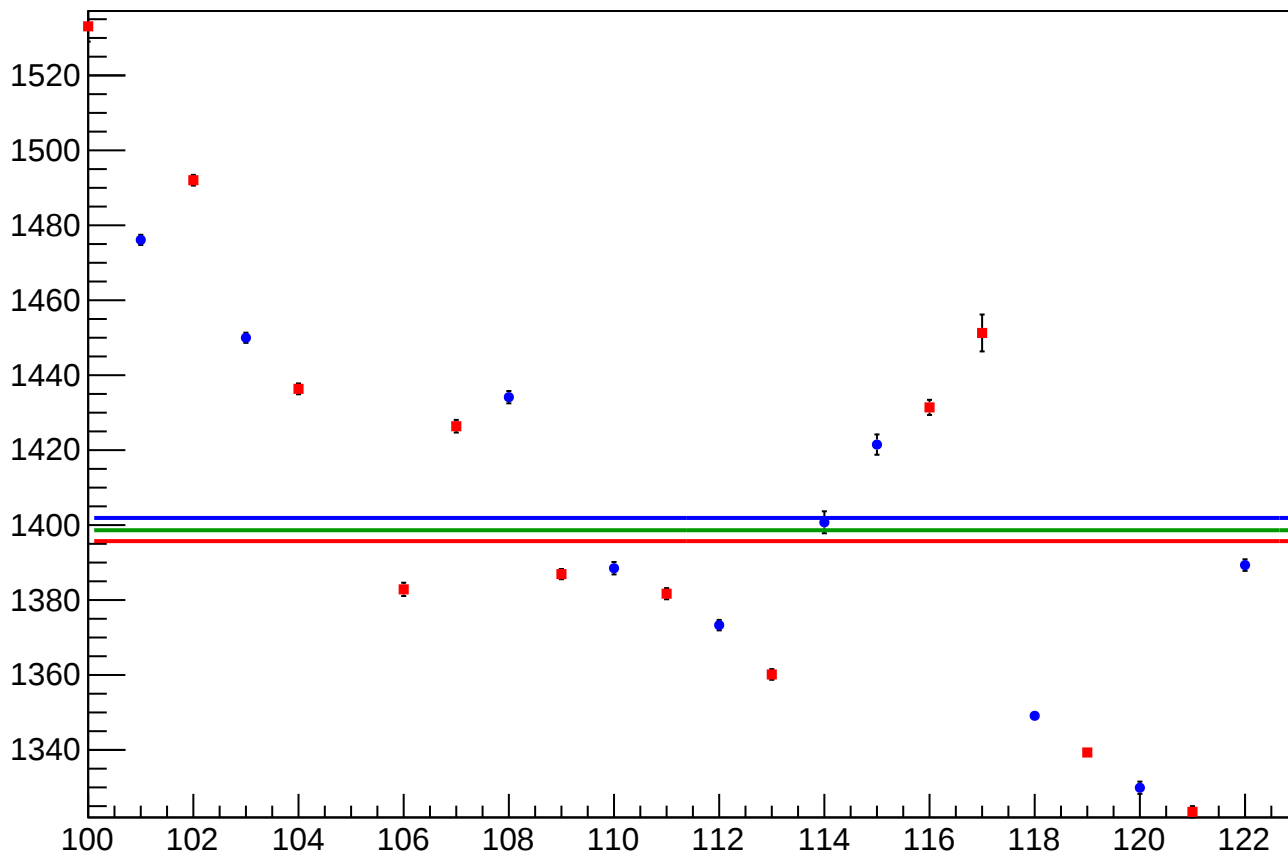
1053.950 $\pm$ 0.260 χ^2 /NDF: 51299.3/22

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

diff_bpm0i02X_mean vs Slug, Sign Corrected



diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1401.909+/-0.502 χ^2/NDF : 8757.9/10

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

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

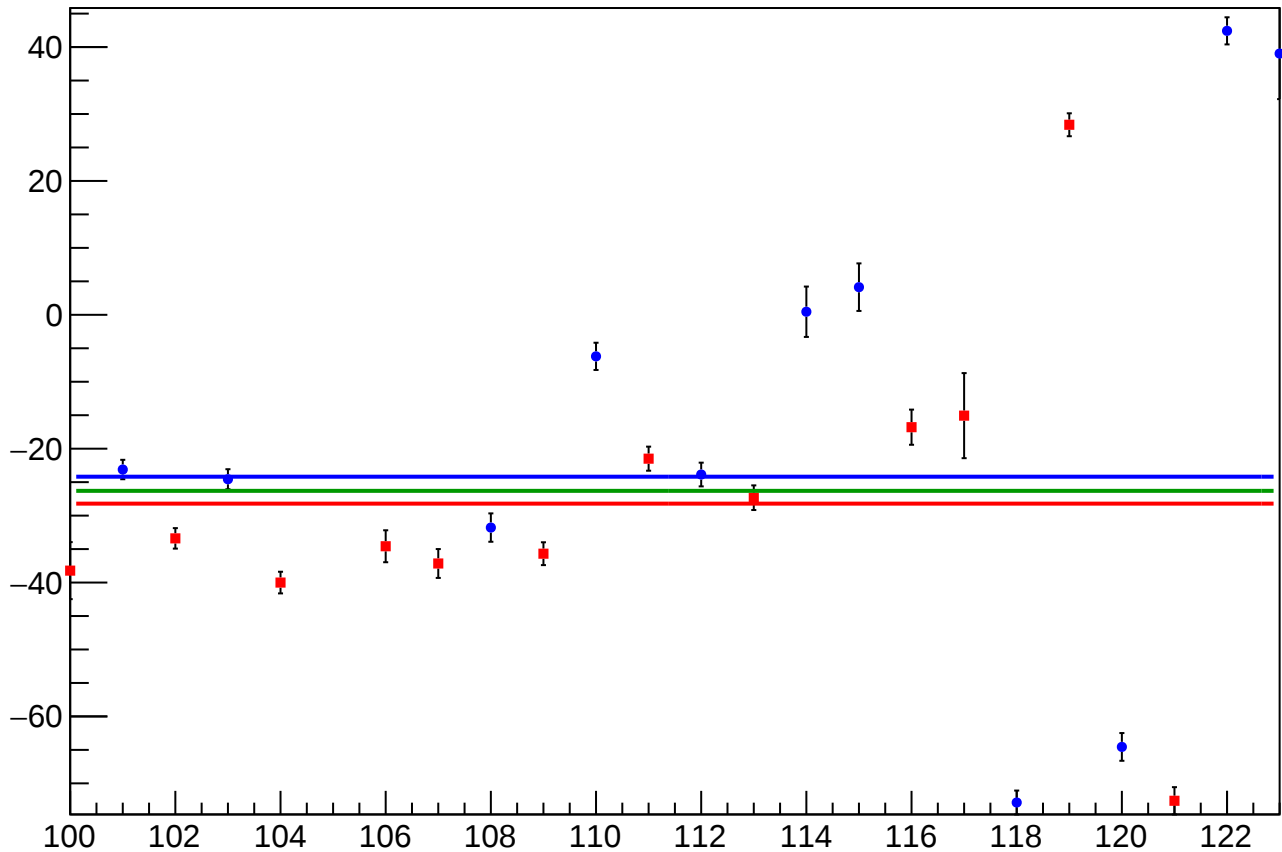
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1401.909+/-0.502 χ^2/NDF : 8757.9/10

1398.627+/-0.344 χ^2/NDF : 21011.8/22

1395.720+/-0.473 χ^2/NDF : 12173.4/11

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -24.184+/-0.612 χ^2/NDF : 2488.1/10

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

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

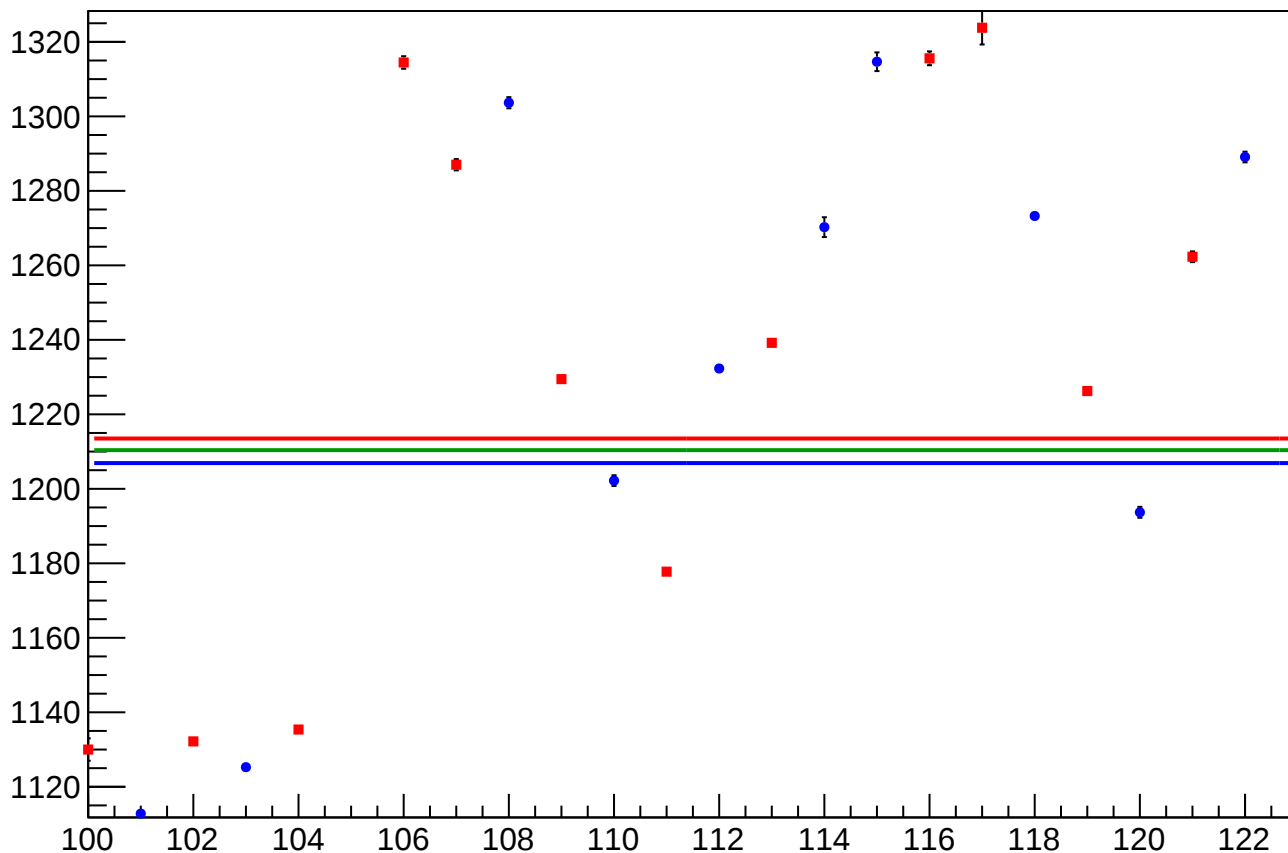
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.184+/-0.612 χ^2/NDF : 2488.1/10

-26.300+/-0.422 χ^2/NDF : 4230.1/22

-28.210+/-0.582 χ^2/NDF : 1719.2/11

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1206.912 $\pm$ 0.433 χ^2/NDF : 27893.4/10

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

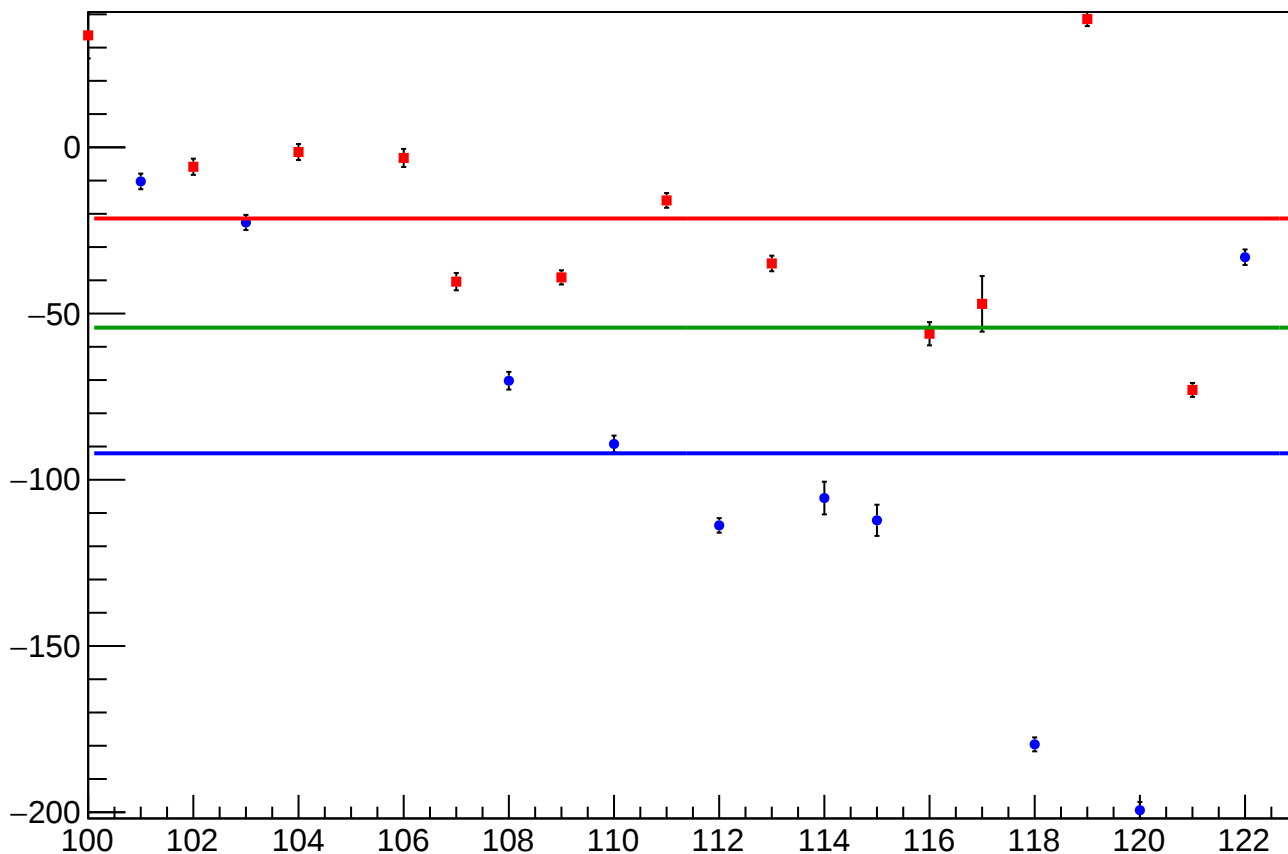
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1206.912 $\pm$ 0.433 χ^2/NDF : 27893.4/10

1210.381 $\pm$ 0.298 χ^2/NDF : 51237.0/22

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

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -92.038 $\pm$ 0.801 χ^2 /NDF: 6608.7/10

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

Right Out: -21.405 $\pm$ 0.747 χ^2 /NDF: 1886.3/11

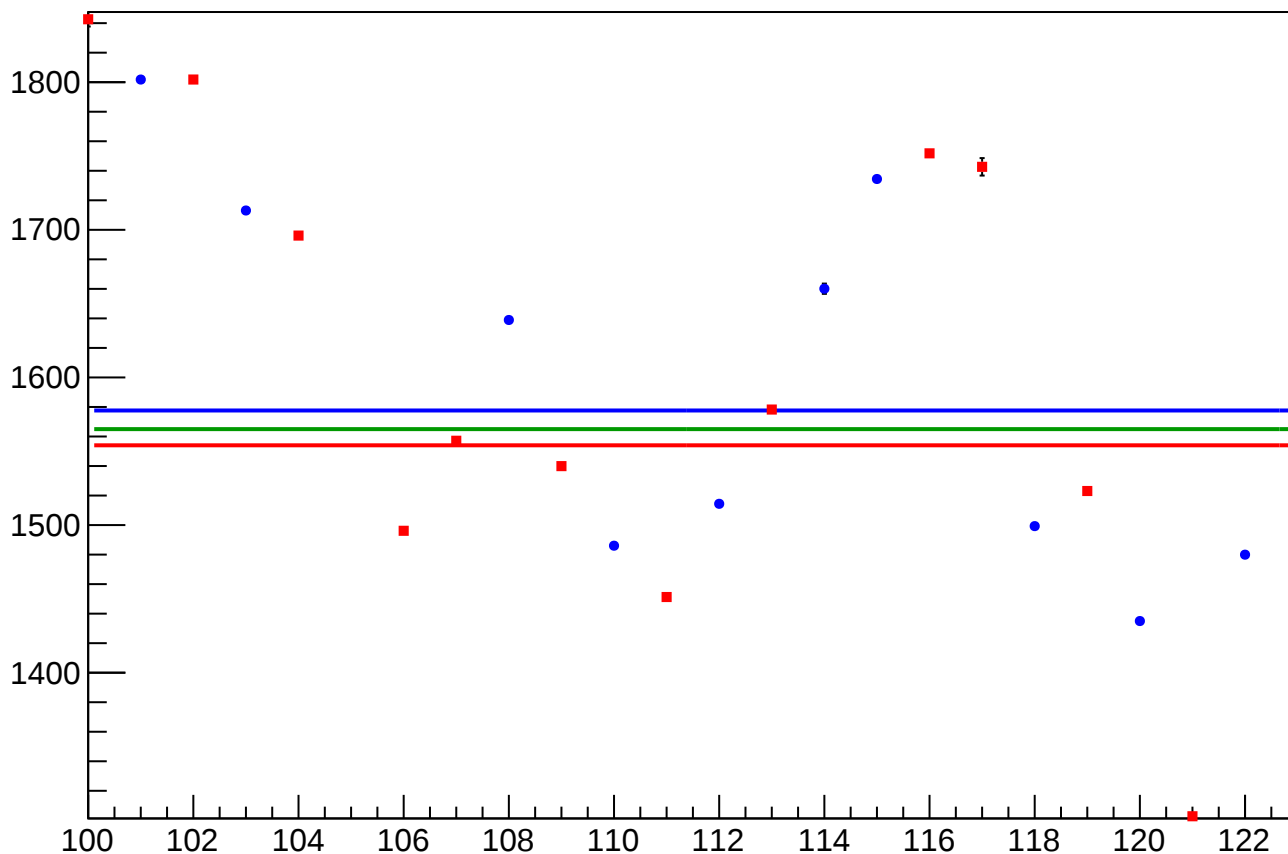
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-92.038 $\pm$ 0.801 χ^2 /NDF: 6608.7/10

-54.234 $\pm$ 0.546 χ^2 /NDF: 12652.7/22

-21.405 $\pm$ 0.747 χ^2 /NDF: 1886.3/11

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1577.624 $\pm$ 0.567 χ^2 /NDF: 46447.5/10

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

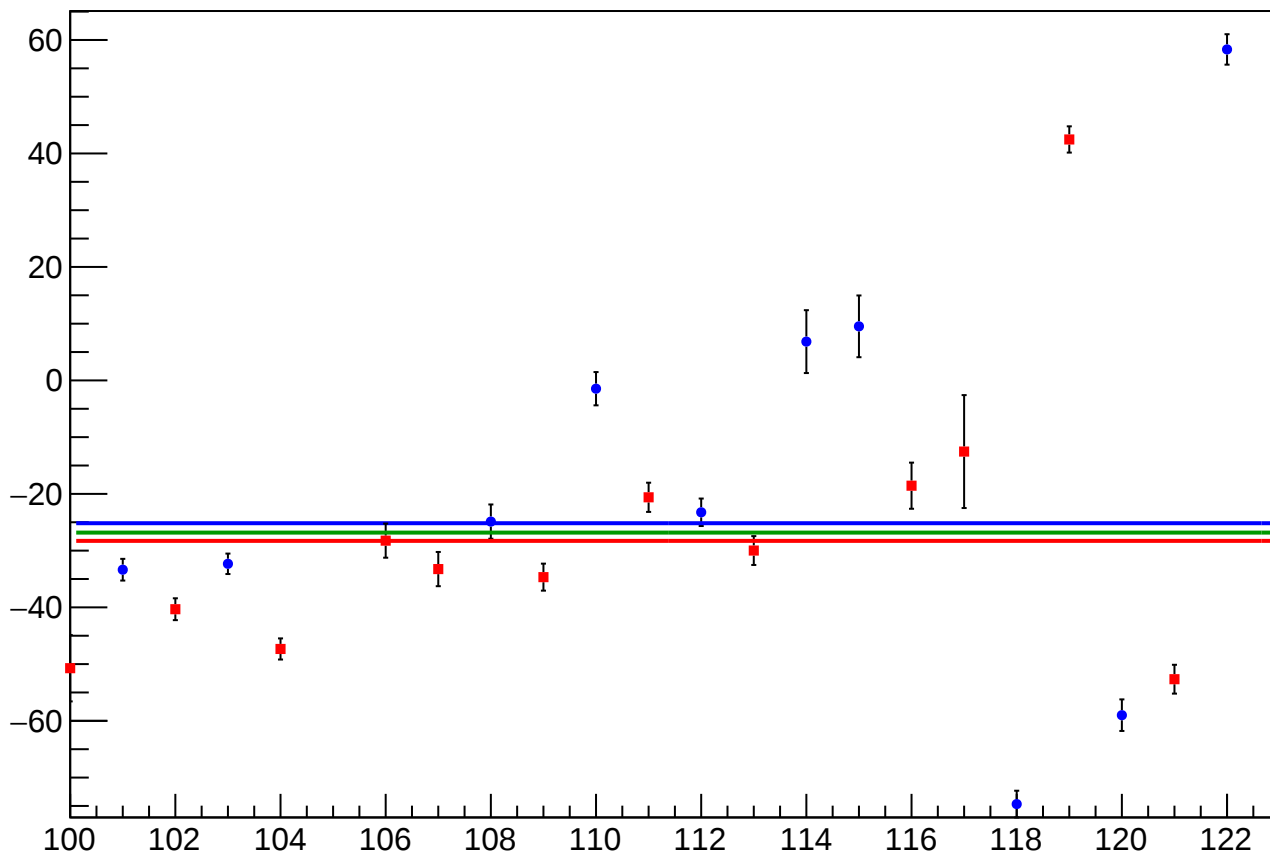
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1577.624 $\pm$ 0.567 χ^2 /NDF: 46447.5/10

1564.998 $\pm$ 0.386 χ^2 /NDF: 120438.1/22

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

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -25.169 $\pm$ 0.816 χ^2 /NDF: 1795.8/10

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

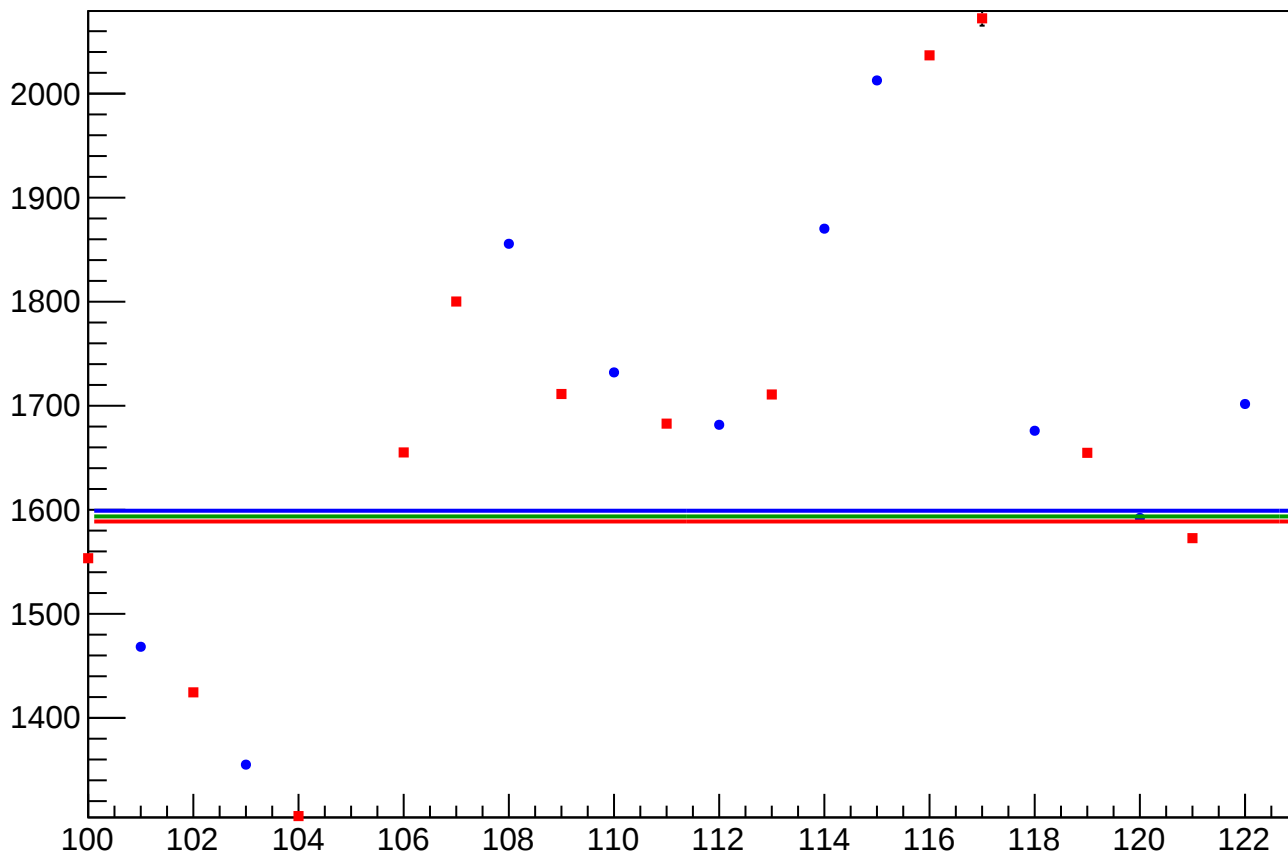
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-25.169 $\pm$ 0.816 χ^2 /NDF: 1795.8/10

-26.822 $\pm$ 0.559 χ^2 /NDF: 3016.0/22

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

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1599.101+/-0.577 χ^2/NDF : 90318.6/10

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

Right Out: 1588.781+/-0.542 χ^2/NDF : 114971.4/11

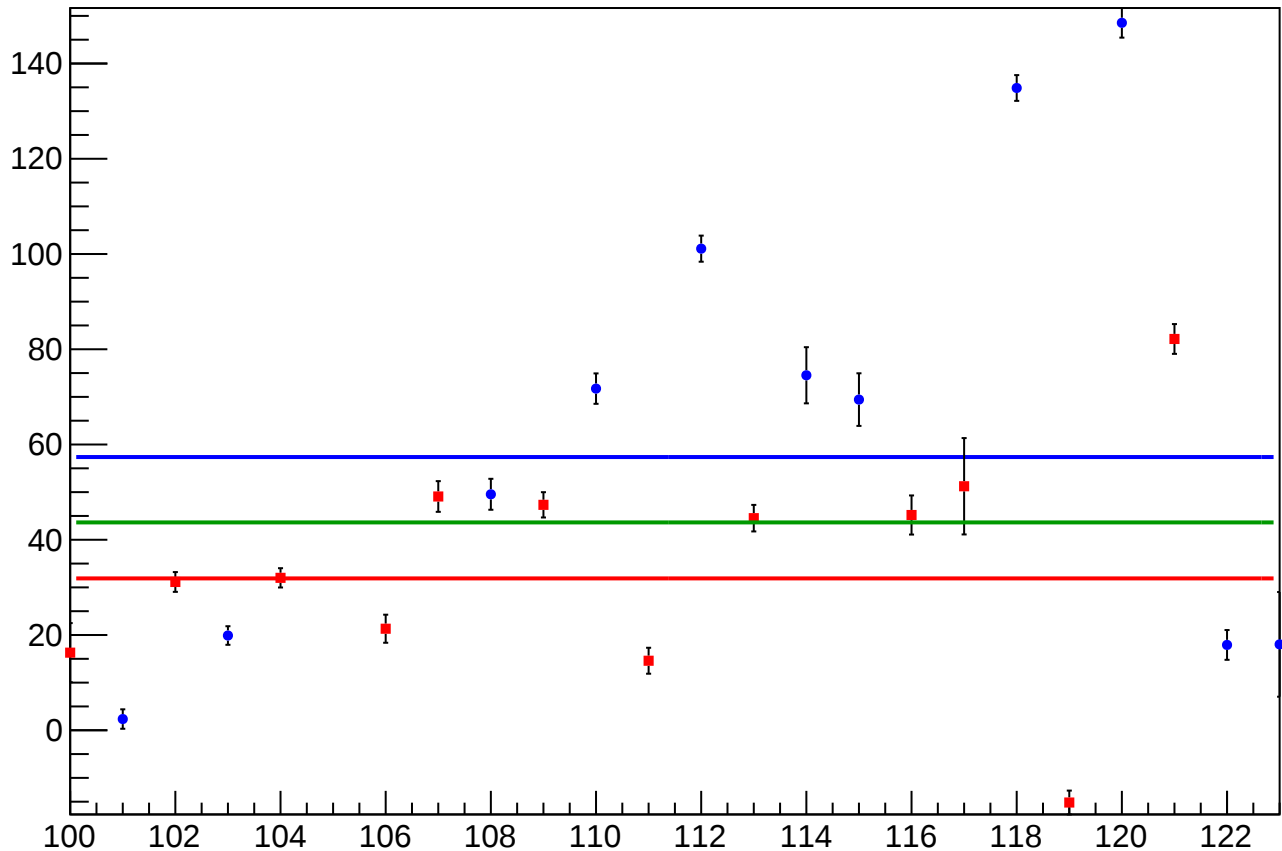
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1599.101+/-0.577 χ^2/NDF : 90318.6/10

1593.619+/-0.395 χ^2/NDF : 205460.0/22

1588.781+/-0.542 χ^2/NDF : 114971.4/11

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 57.369+/-0.898 χ^2 /NDF: 3241.7/10

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

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

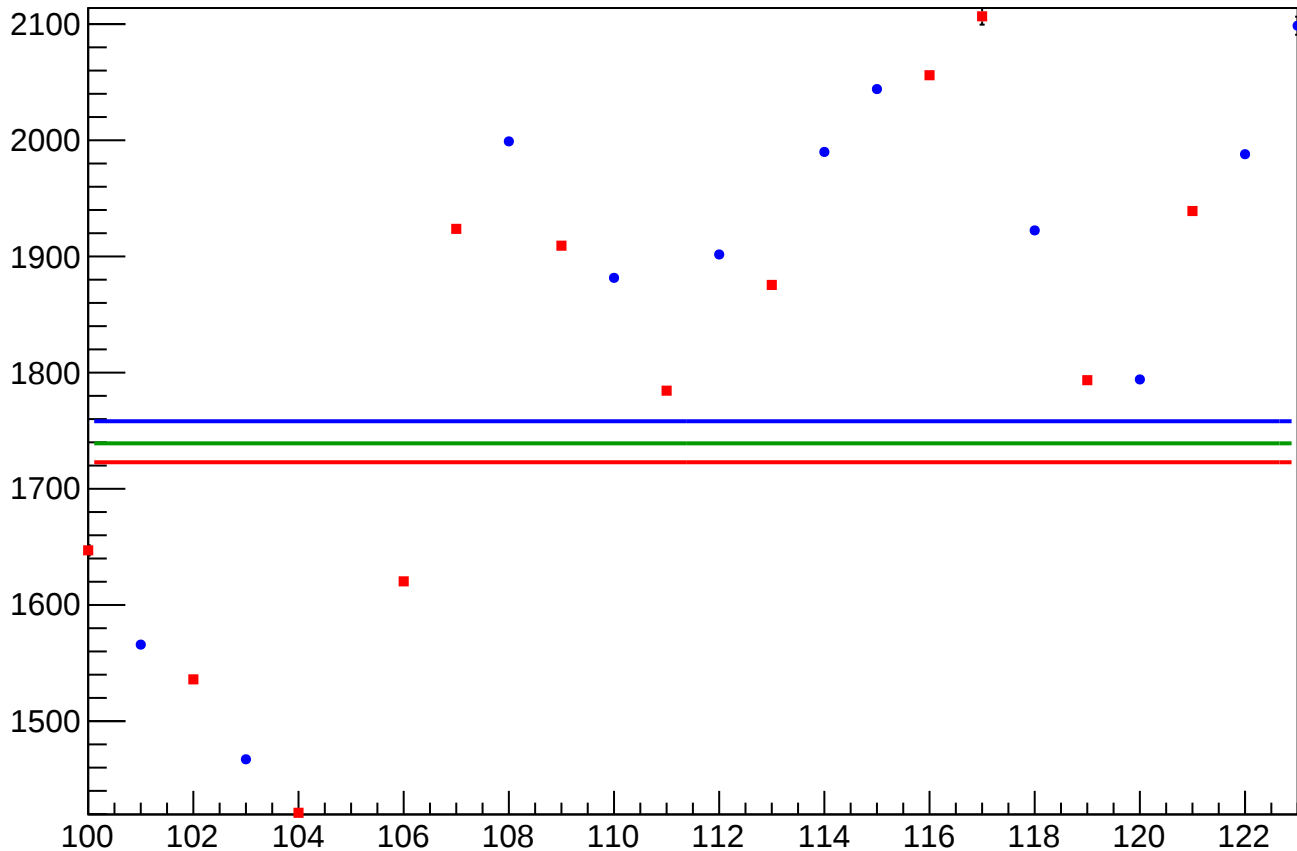
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

57.369+/-0.898 χ^2 /NDF: 3241.7/10

43.642+/-0.610 χ^2 /NDF: 4443.8/22

31.885+/-0.831 χ^2 /NDF: 768.0/11

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1758.156 $\pm$ 0.635 χ^2 /NDF: 110515.7/10

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

Right Out: 1722.852 $\pm$ 0.587 χ^2 /NDF: 115122.1/11

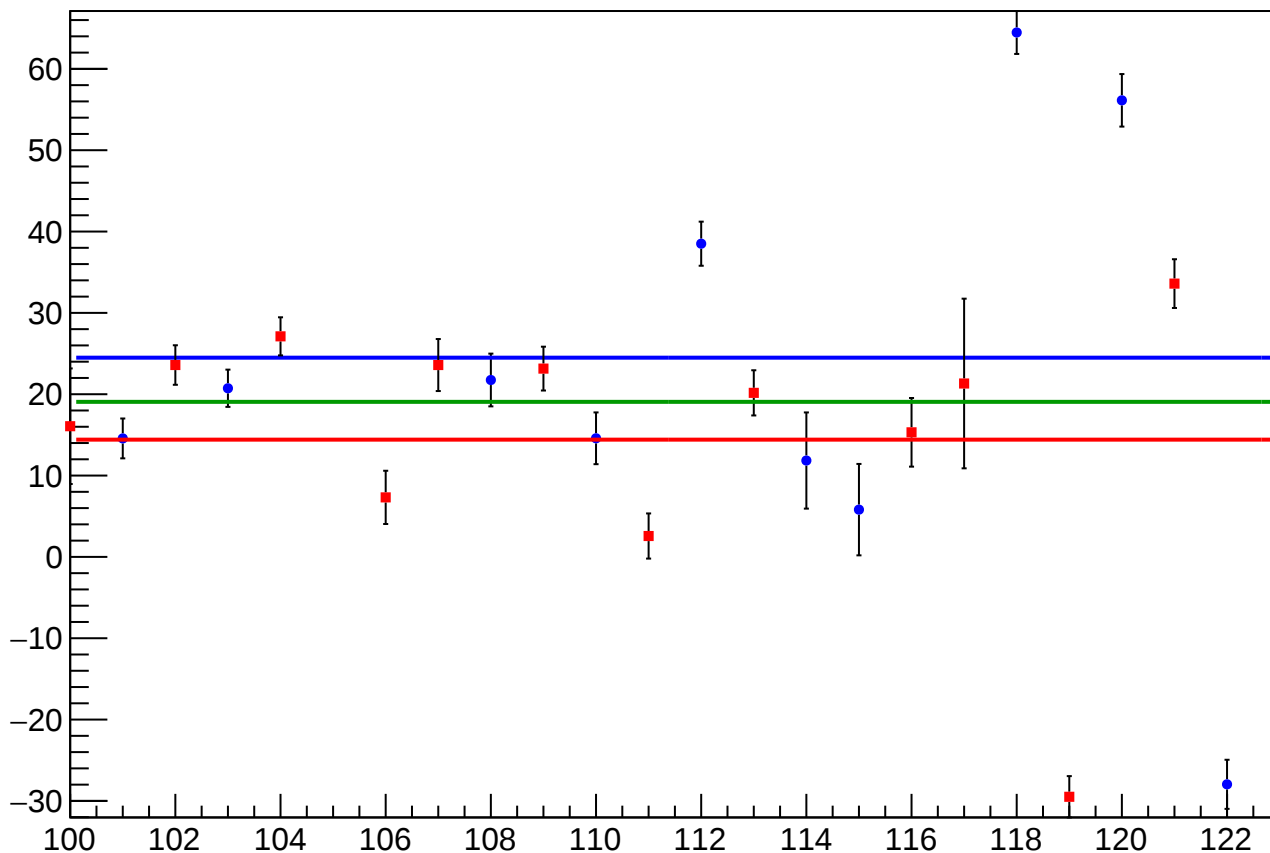
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1758.156 $\pm$ 0.635 χ^2 /NDF: 110515.7/10

1739.139 $\pm$ 0.431 χ^2 /NDF: 227303.9/22

1722.852 $\pm$ 0.587 χ^2 /NDF: 115122.1/11

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 24.494 $\pm$ 0.951 χ^2 /NDF: 714.7/10

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

Right Out: 14.416 $\pm$ 0.880 χ^2 /NDF: 429.7/11

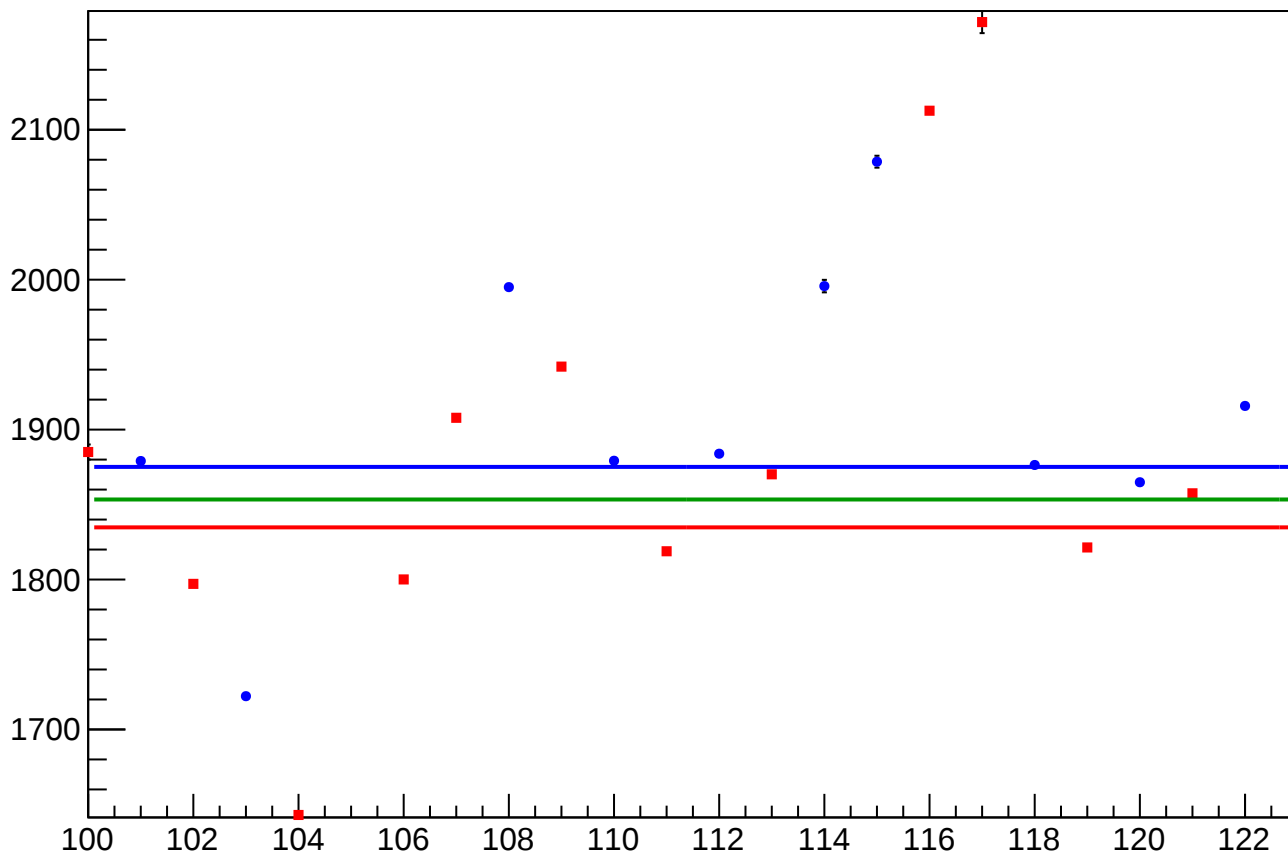
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.494 $\pm$ 0.951 χ^2 /NDF: 714.7/10

19.063 $\pm$ 0.646 χ^2 /NDF: 1204.8/22

14.416 $\pm$ 0.880 χ^2 /NDF: 429.7/11

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1875.125+/-0.673 χ^2/NDF : 16423.2/10

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

Right Out: 1834.791+/-0.622 χ^2/NDF : 29759.3/11

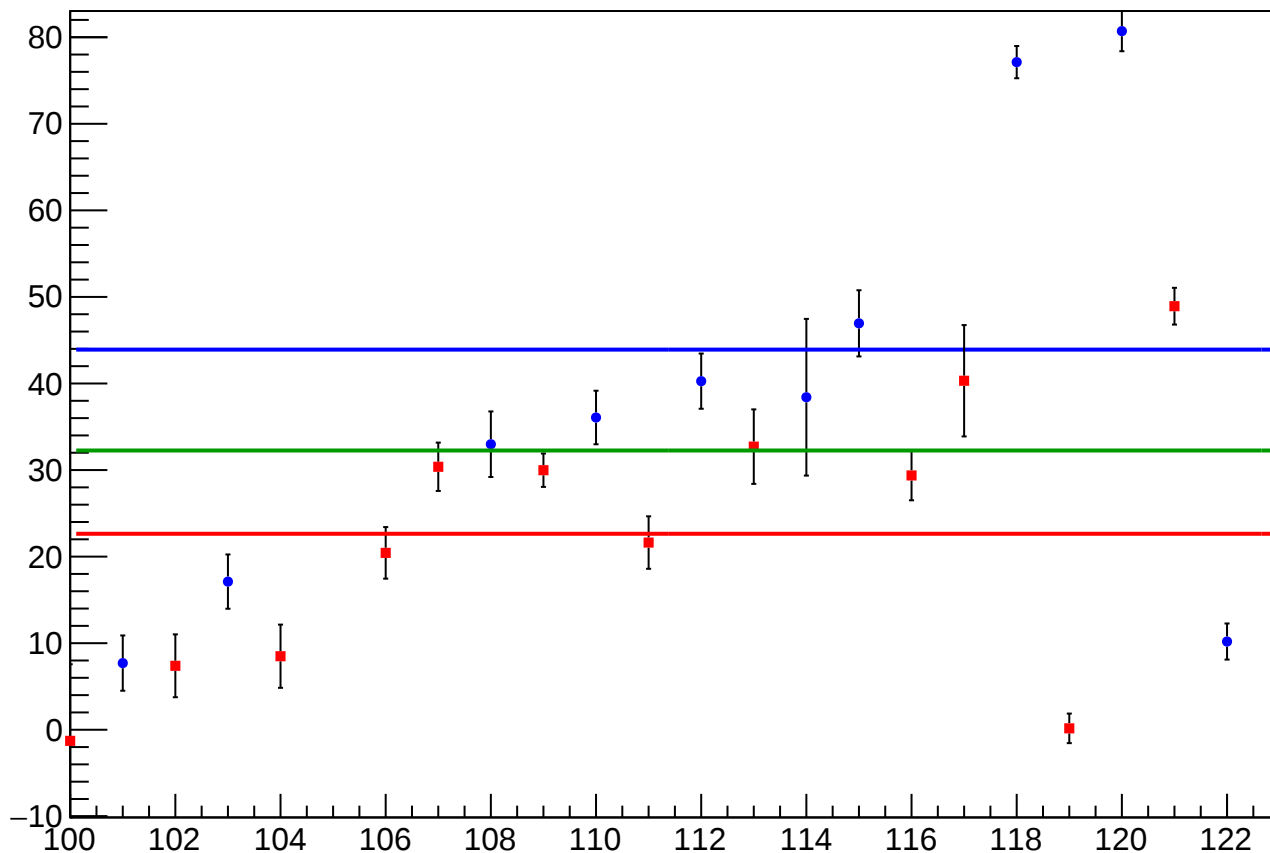
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1875.125+/-0.673 χ^2/NDF : 16423.2/10

1853.389+/-0.457 χ^2/NDF : 48119.9/22

1834.791+/-0.622 χ^2/NDF : 29759.3/11

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 43.914+/-0.885 χ^2/NDF : 1067.6/10

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

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

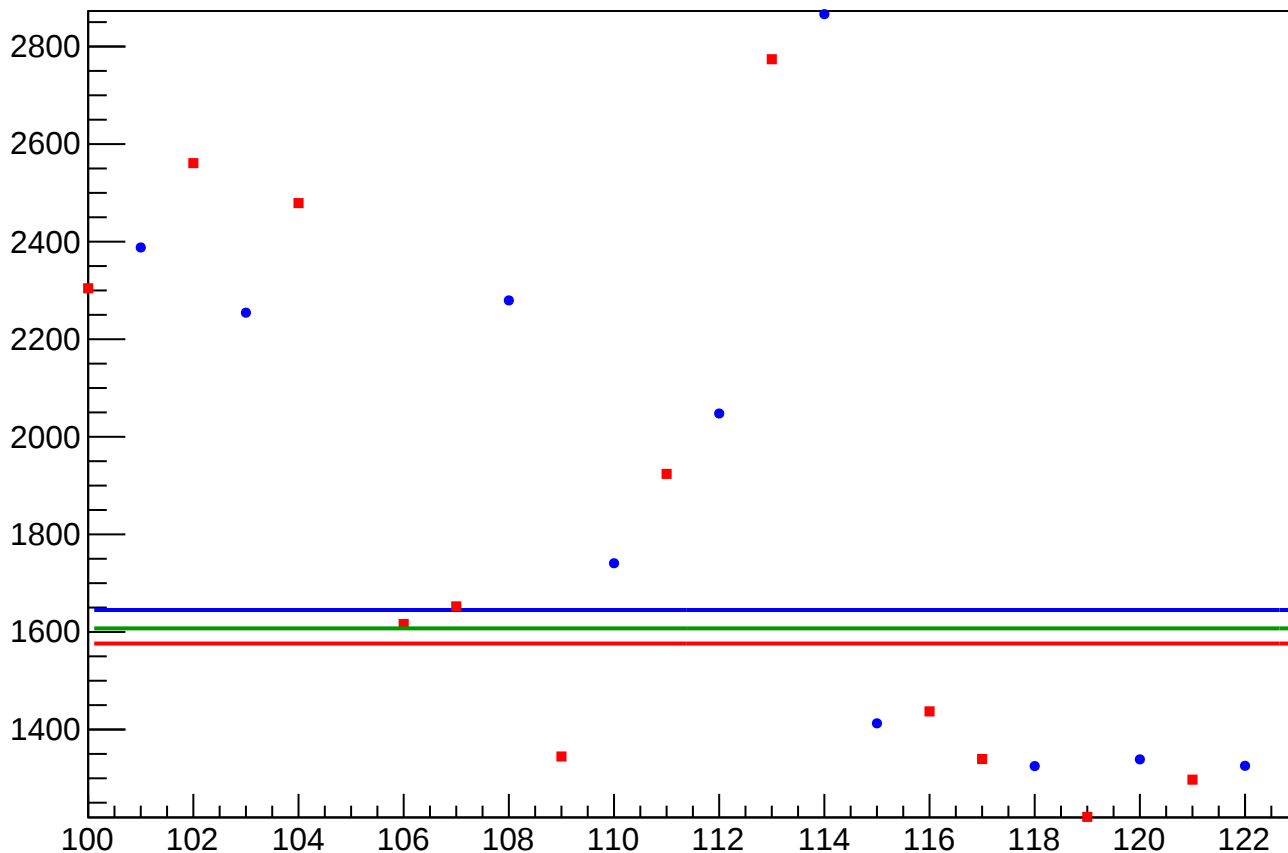
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.914+/-0.885 χ^2/NDF : 1067.6/10

32.259+/-0.595 χ^2/NDF : 1792.1/22

22.639+/-0.804 χ^2/NDF : 408.1/11

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1644.981 $\pm$ 0.626 χ^2/NDF : 461198.5/10

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

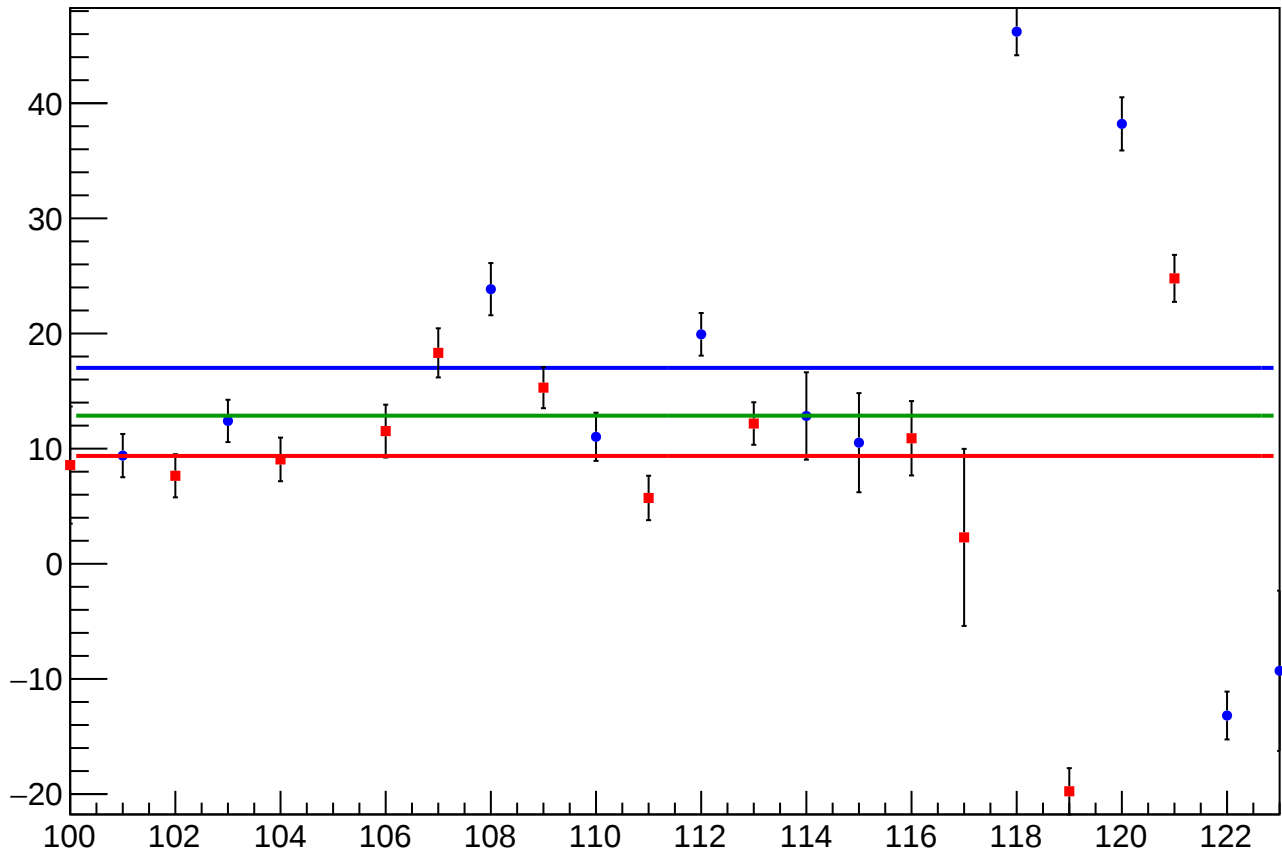
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1644.981 $\pm$ 0.626 χ^2/NDF : 461198.5/10

1607.314 $\pm$ 0.421 χ^2/NDF : 1091160.3/22

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

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 17.015 $\pm$ 0.691 χ^2 /NDF: 558.4/10

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

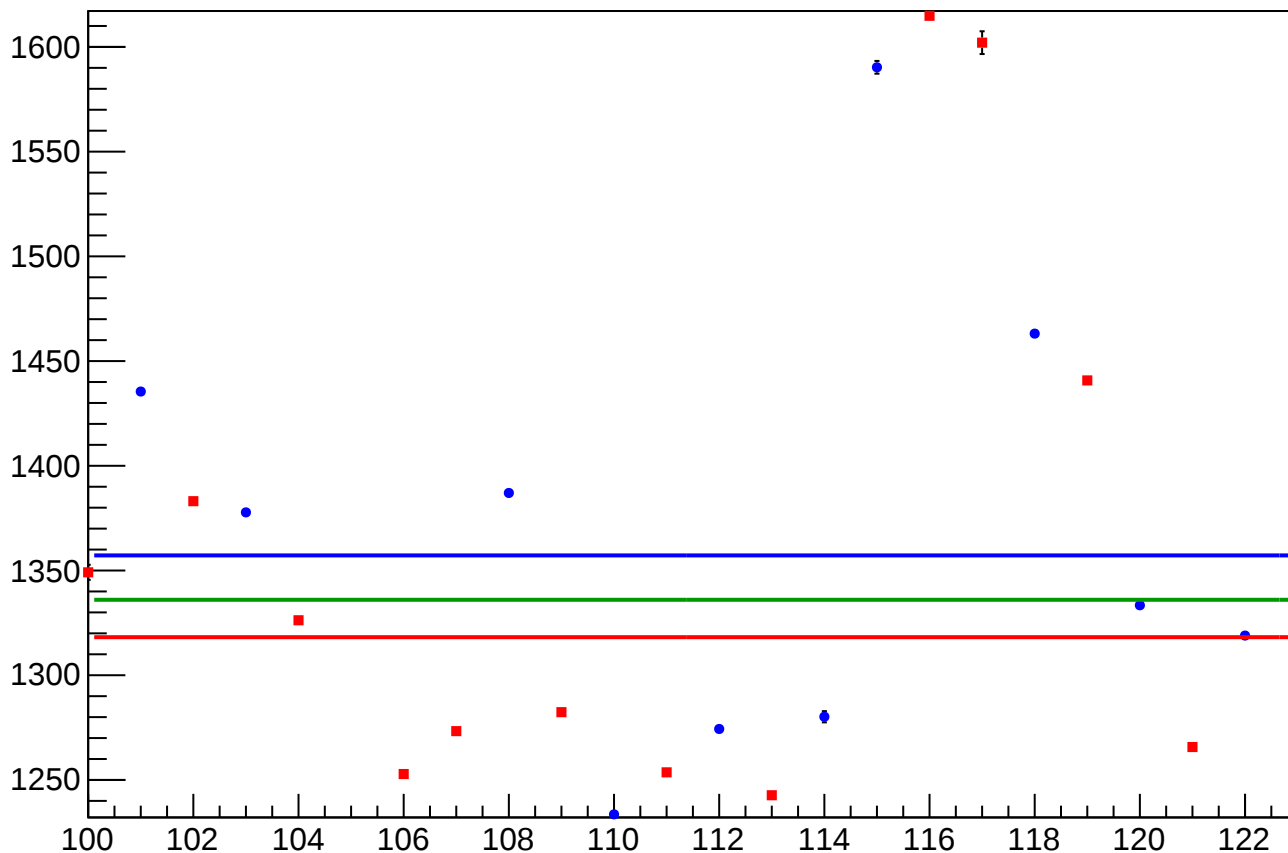
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.015 $\pm$ 0.691 χ^2 /NDF: 558.4/10

12.865 $\pm$ 0.467 χ^2 /NDF: 929.3/22

9.367 $\pm$ 0.634 χ^2 /NDF: 304.4/11

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1357.211+/-0.488 χ^2/NDF : 28019.6/10

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

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

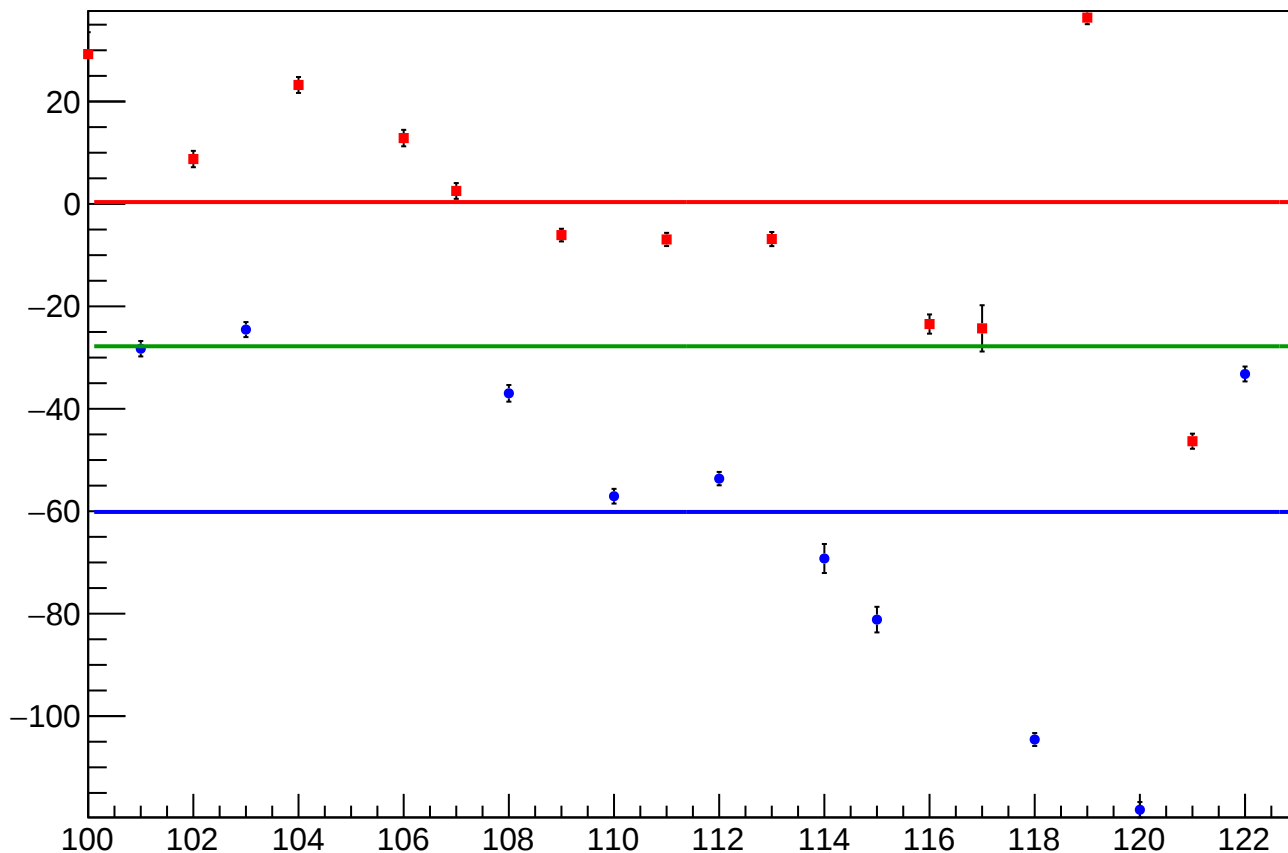
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1357.211+/-0.488 χ^2/NDF : 28019.6/10

1336.021+/-0.330 χ^2/NDF : 71248.4/22

1318.166+/-0.448 χ^2/NDF : 39760.1/11

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -60.137+/-0.487 χ^2/NDF : 4442.2/10

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

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

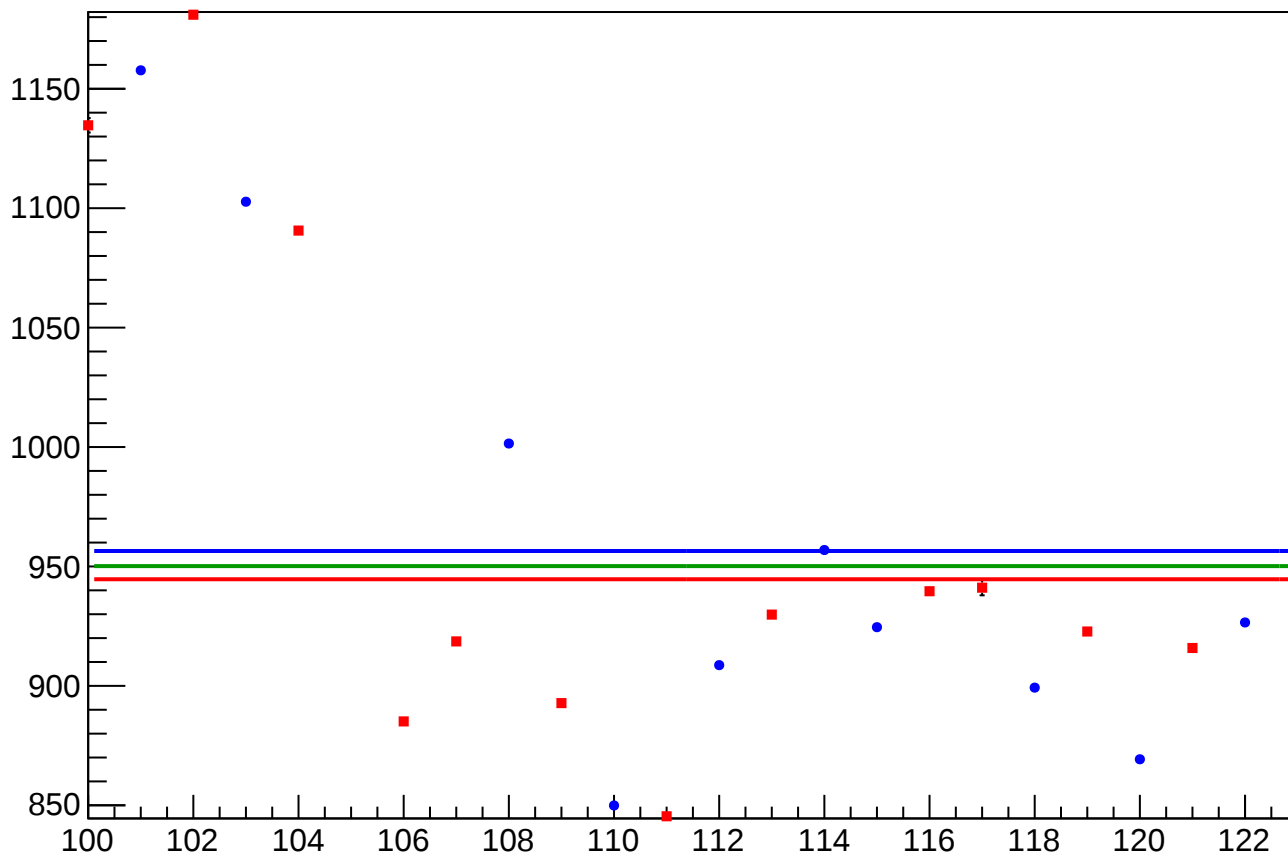
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.137+/-0.487 χ^2/NDF : 4442.2/10

-27.791+/-0.332 χ^2/NDF : 15108.4/22

0.364+/-0.454 χ^2/NDF : 2414.9/11

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 956.475+/-0.344 χ^2/NDF : 82602.8/10

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

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

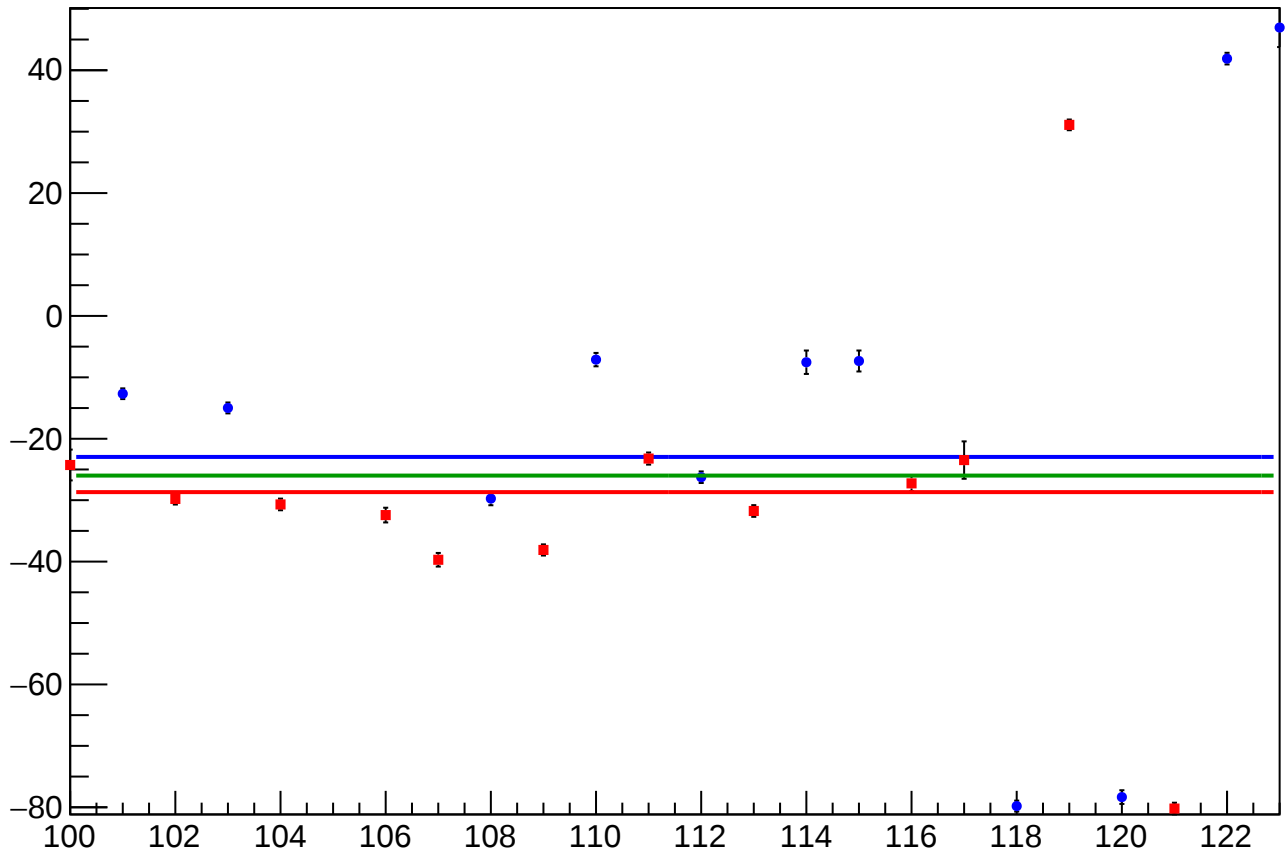
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

956.475+/-0.344 χ^2/NDF : 82602.8/10

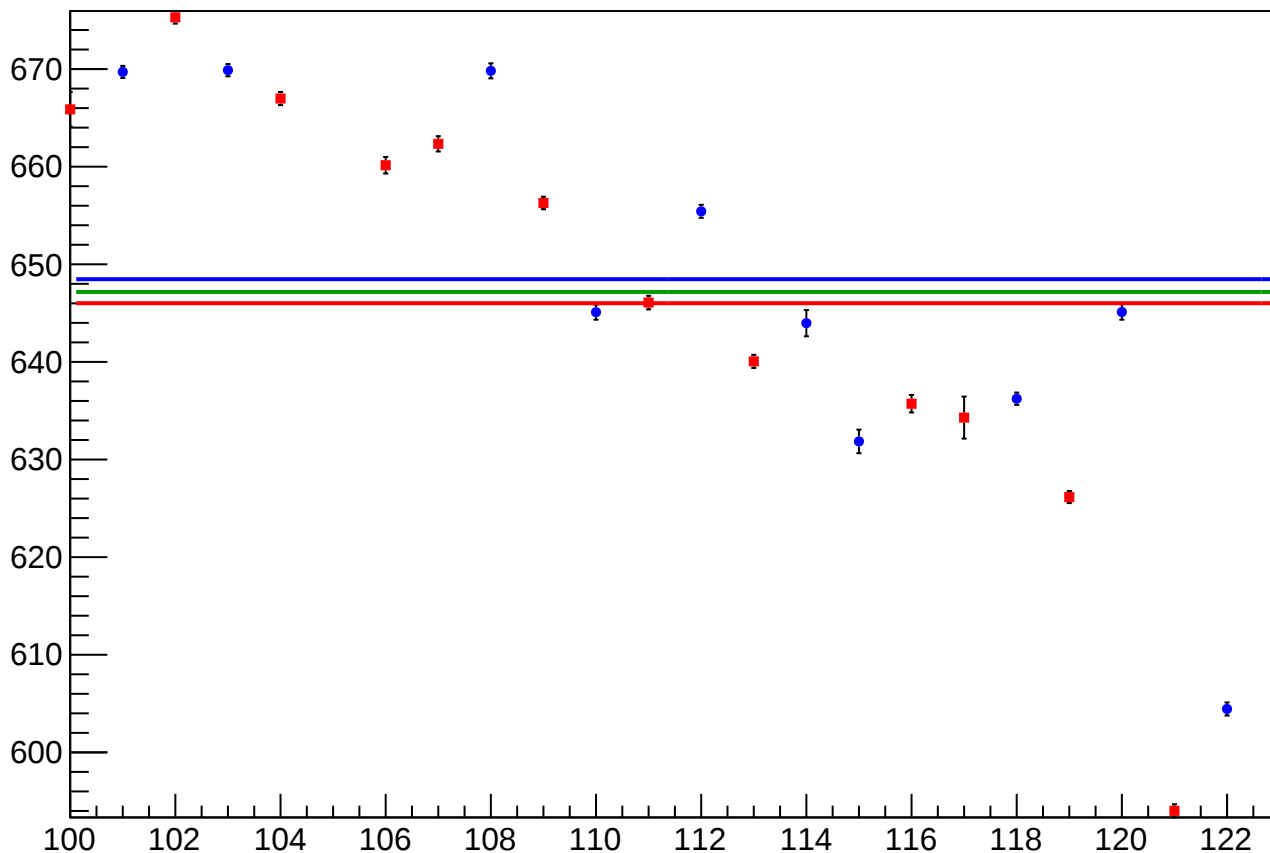
950.147+/-0.235 χ^2/NDF : 168815.7/22

944.639+/-0.321 χ^2/NDF : 85581.3/11

diff_bpm1i02Y_mean vs Slug, Sign Corrected



diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 648.474+/-0.232 χ^2/NDF : 8470.4/10

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

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

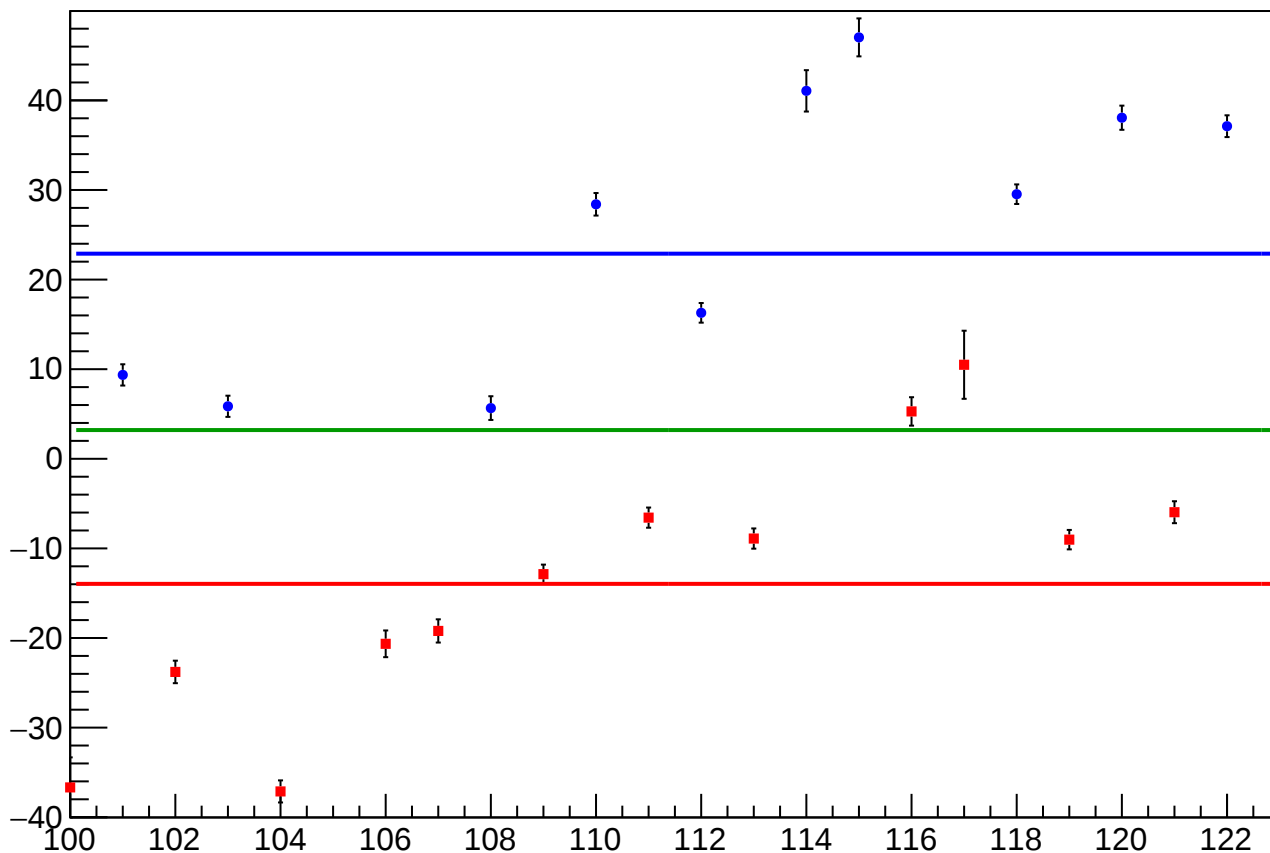
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

648.474+/-0.232 χ^2/NDF : 8470.4/10

647.169+/-0.159 χ^2/NDF : 19840.3/22

646.012+/-0.219 χ^2/NDF : 11310.3/11

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 22.892 $\pm$ 0.409 χ^2 /NDF: 1084.6/10

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

Right Out: -13.958 $\pm$ 0.382 χ^2 /NDF: 813.2/11

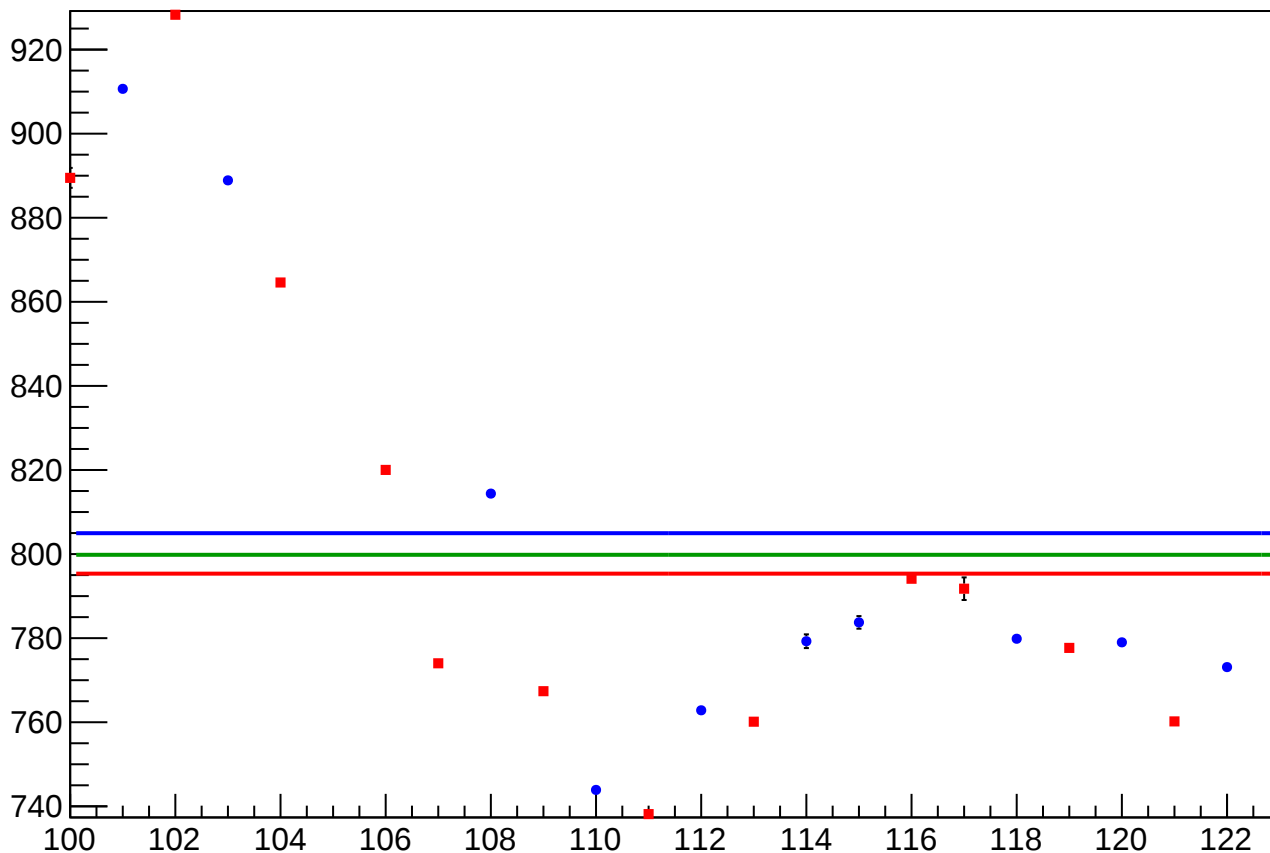
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.892 $\pm$ 0.409 χ^2 /NDF: 1084.6/10

3.207 $\pm$ 0.279 χ^2 /NDF: 6242.8/22

-13.958 $\pm$ 0.382 χ^2 /NDF: 813.2/11

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 804.967 $\pm$ 0.289 χ^2 /NDF: 37312.6/10

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

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

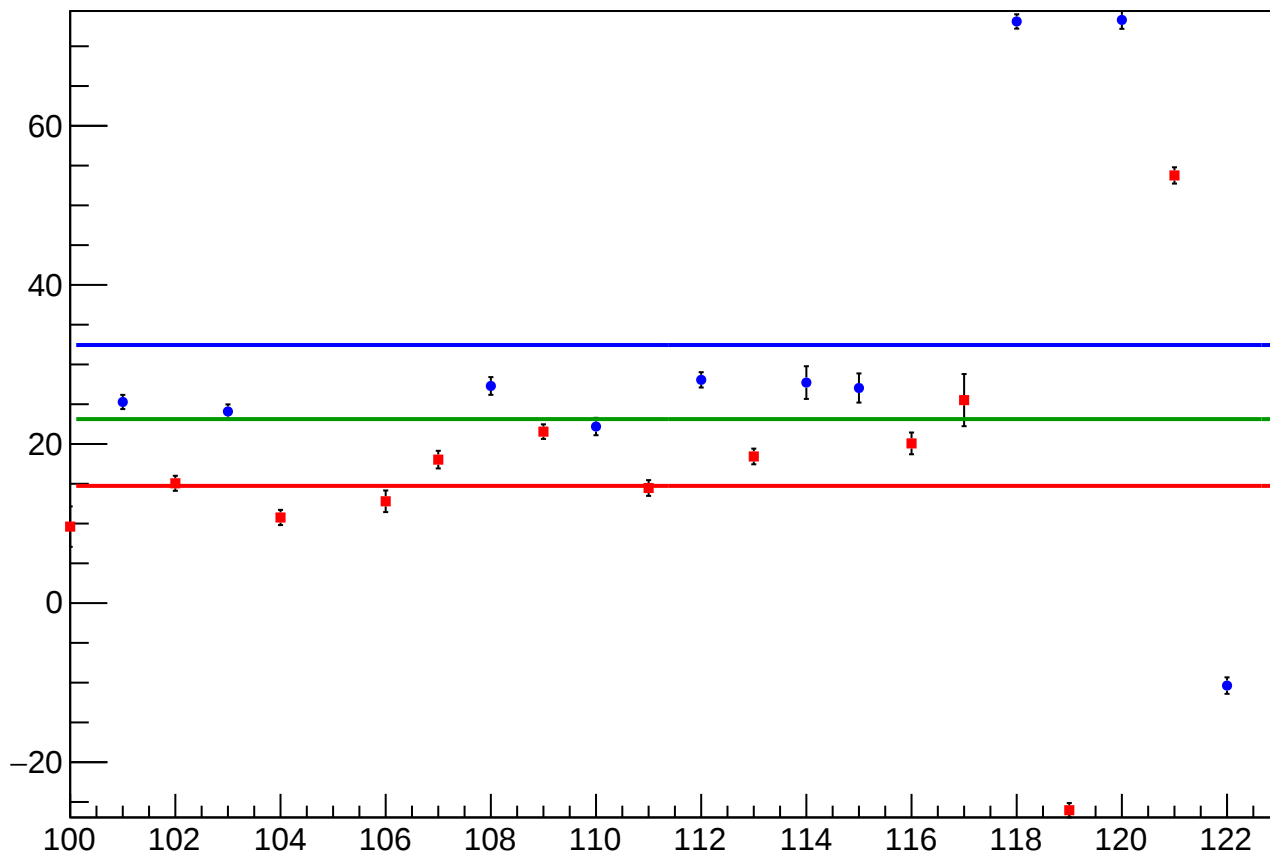
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

804.967 $\pm$ 0.289 χ^2 /NDF: 37312.6/10

799.826 $\pm$ 0.197 χ^2 /NDF: 79971.8/22

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

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.443+/-0.337 χ^2 /NDF: 5480.1/10

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

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

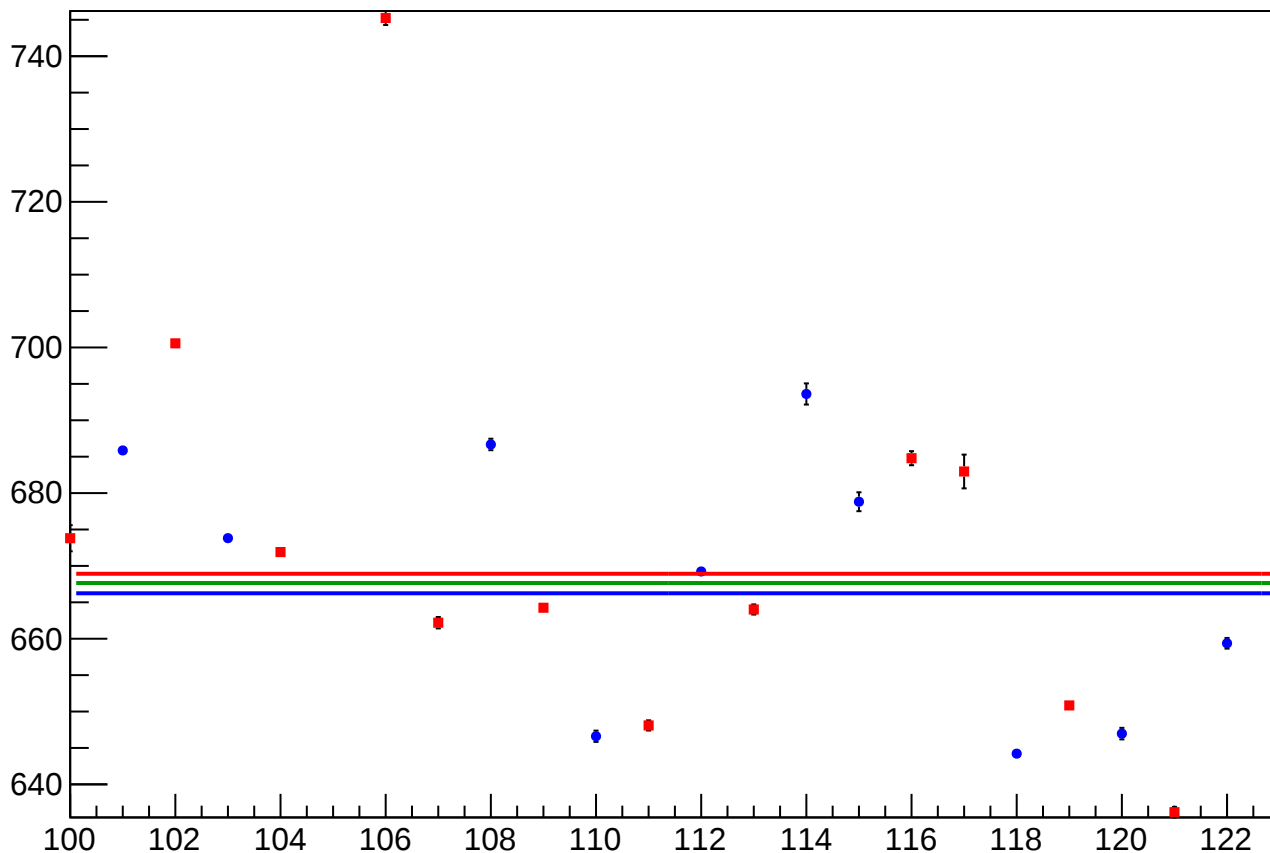
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.443+/-0.337 χ^2 /NDF: 5480.1/10

23.131+/-0.232 χ^2 /NDF: 10524.9/22

14.736+/-0.320 χ^2 /NDF: 3596.6/11

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.240 ± 0.239 $\chi^2/\text{NDF}: 4803.7/10$

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

Right Out: 668.922 ± 0.227 $\chi^2/\text{NDF}: 12780.0/11$

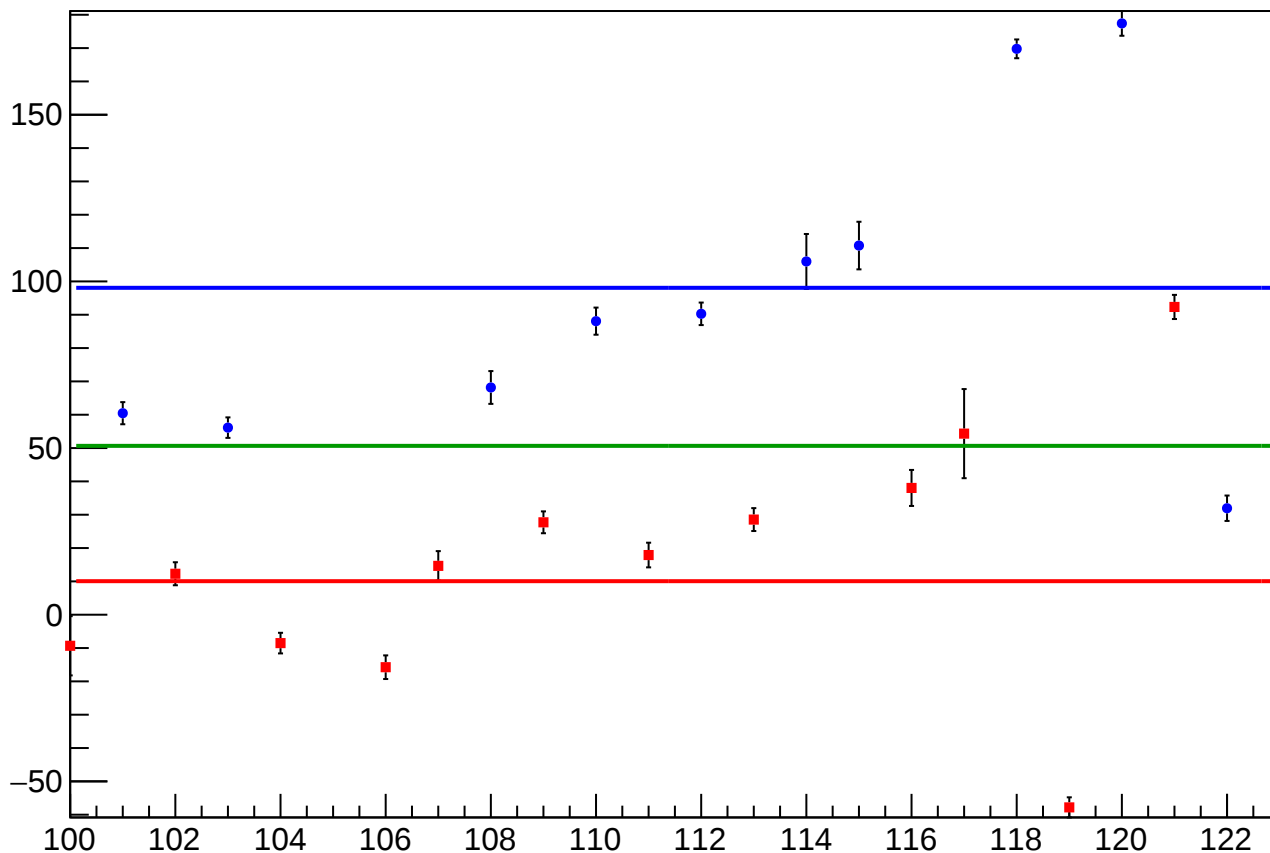
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

666.240 ± 0.239 $\chi^2/\text{NDF}: 4803.7/10$

667.650 ± 0.164 $\chi^2/\text{NDF}: 17650.1/22$

668.922 ± 0.227 $\chi^2/\text{NDF}: 12780.0/11$

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 98.079+/-1.202 χ^2 /NDF: 1782.3/10

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

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

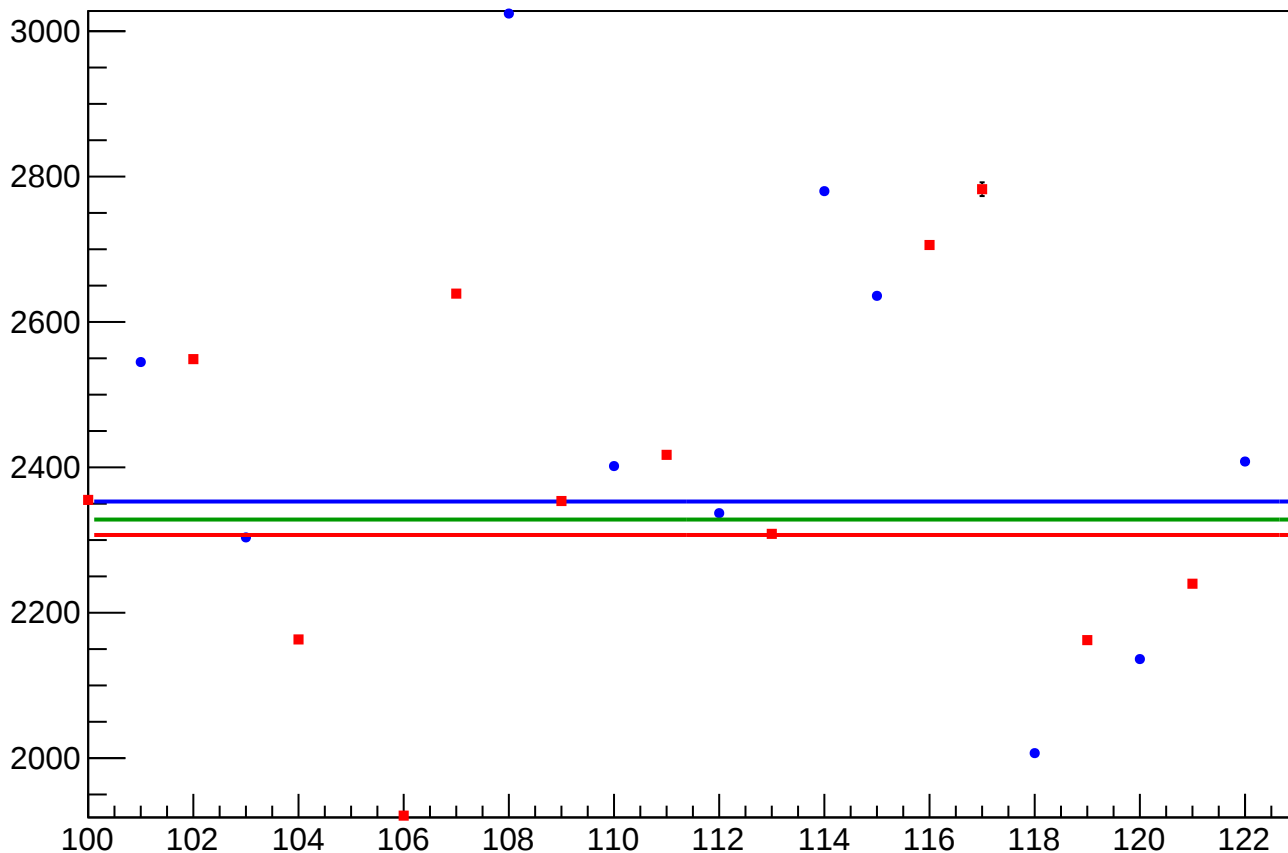
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

98.079+/-1.202 χ^2 /NDF: 1782.3/10

50.662+/-0.816 χ^2 /NDF: 5886.6/22

10.061+/-1.112 χ^2 /NDF: 1216.5/11

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2353.008 $\pm$ 0.850 χ^2 /NDF: 92791.6/10

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

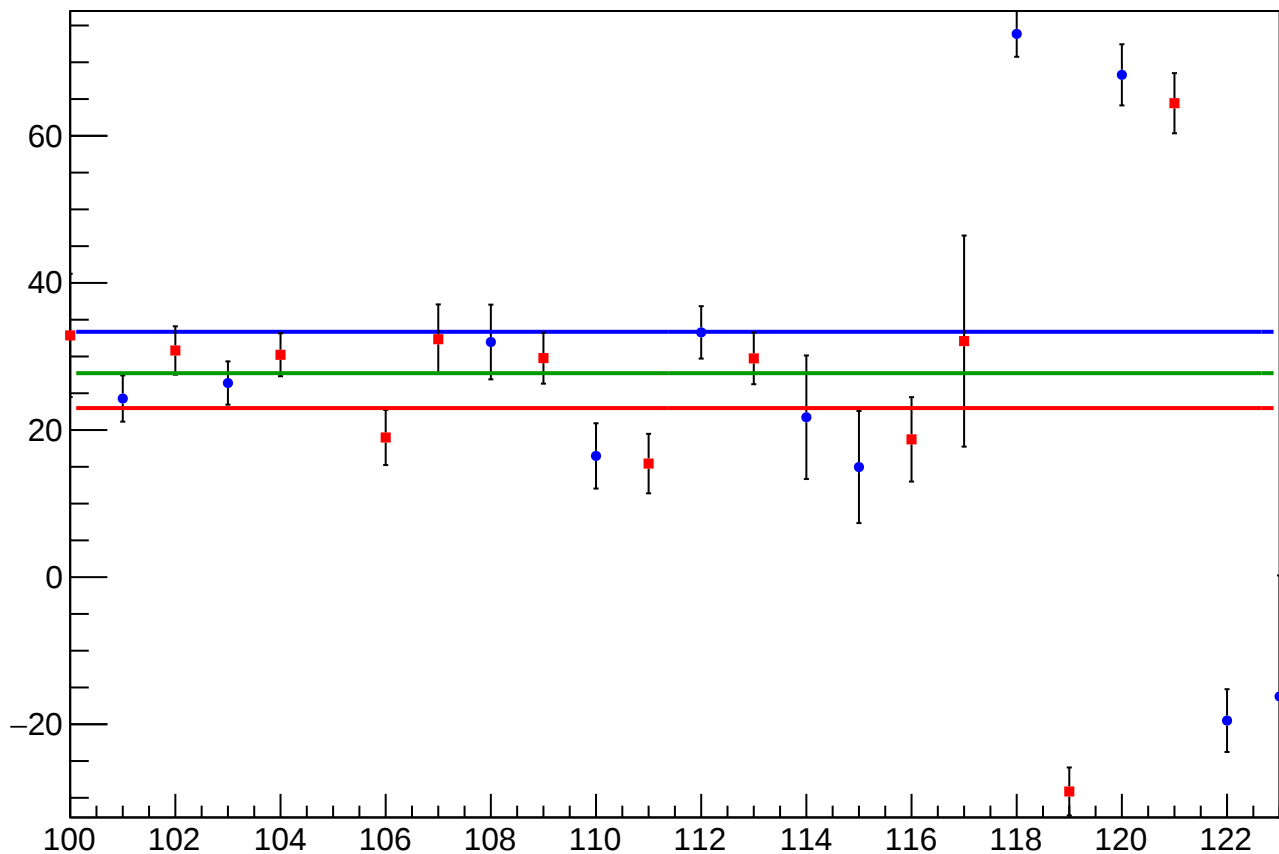
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2353.008 $\pm$ 0.850 χ^2 /NDF: 92791.6/10

2328.208 $\pm$ 0.577 χ^2 /NDF: 164397.5/22

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

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 33.357+/-1.254 χ^2/NDF : 438.9/10

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

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

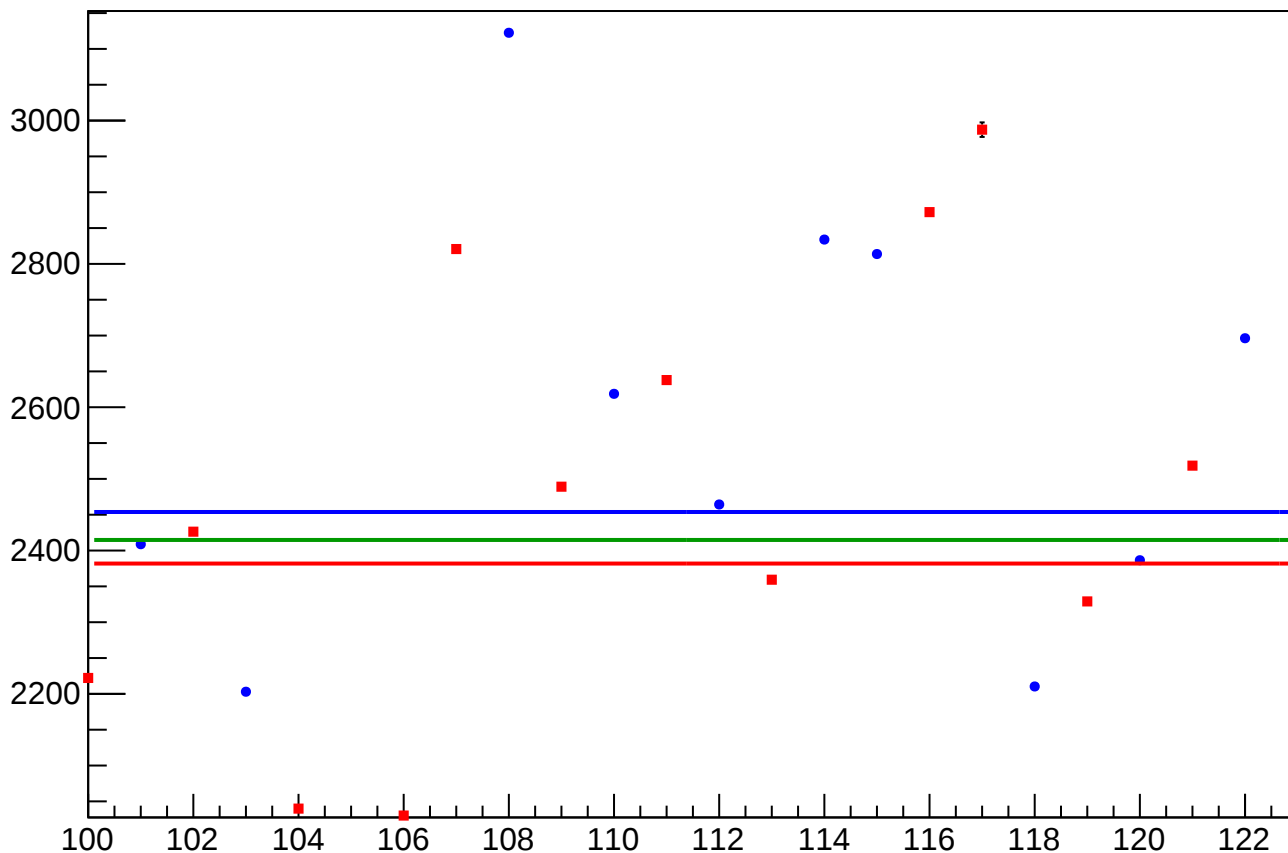
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.357+/-1.254 χ^2/NDF : 438.9/10

27.731+/-0.848 χ^2/NDF : 864.3/22

22.986+/-1.151 χ^2/NDF : 388.3/11

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2453.804 ± 0.886 χ^2/NDF : 83676.6/10

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

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

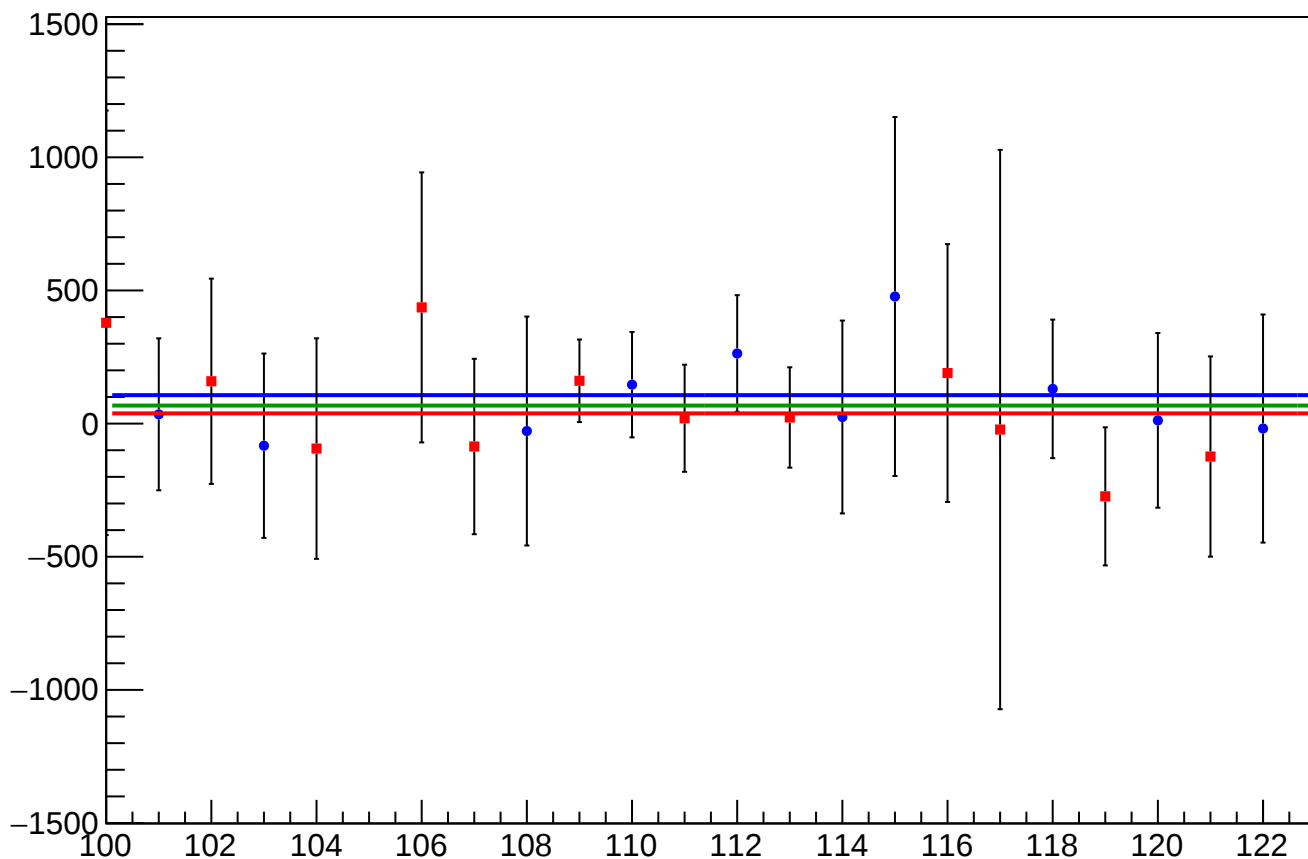
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2453.804 ± 0.886 χ^2/NDF : 83676.6/10

2414.778 ± 0.600 χ^2/NDF : 181575.4/22

2381.855 ± 0.814 χ^2/NDF : 94325.0/11

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.830 $\pm$ 94.402 χ^2 /NDF: 1.5/10

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

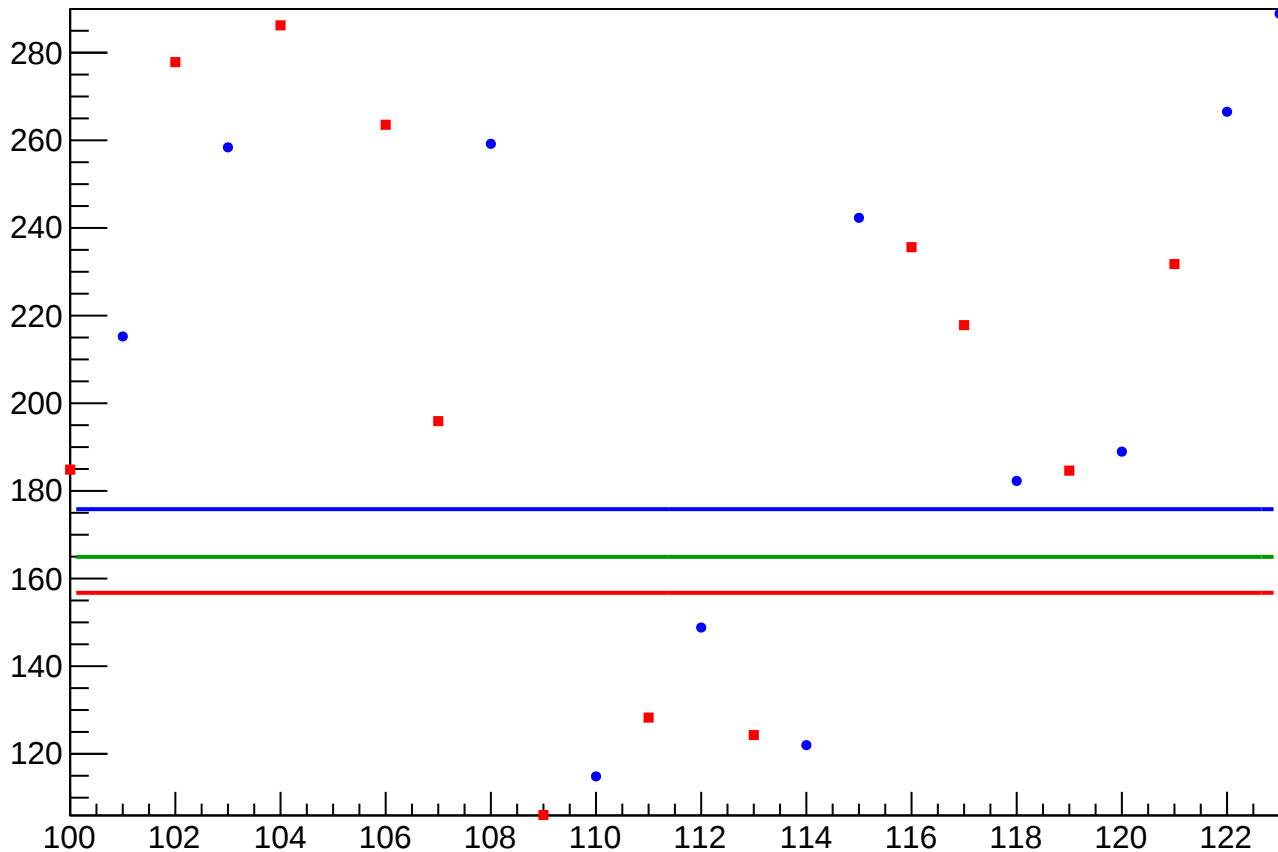
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.830 $\pm$ 94.402 χ^2 /NDF: 1.5/10

67.788 $\pm$ 61.890 χ^2 /NDF: 5.4/22

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: 175.833+/-0.067 χ^2/NDF : 616486.1/10

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

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

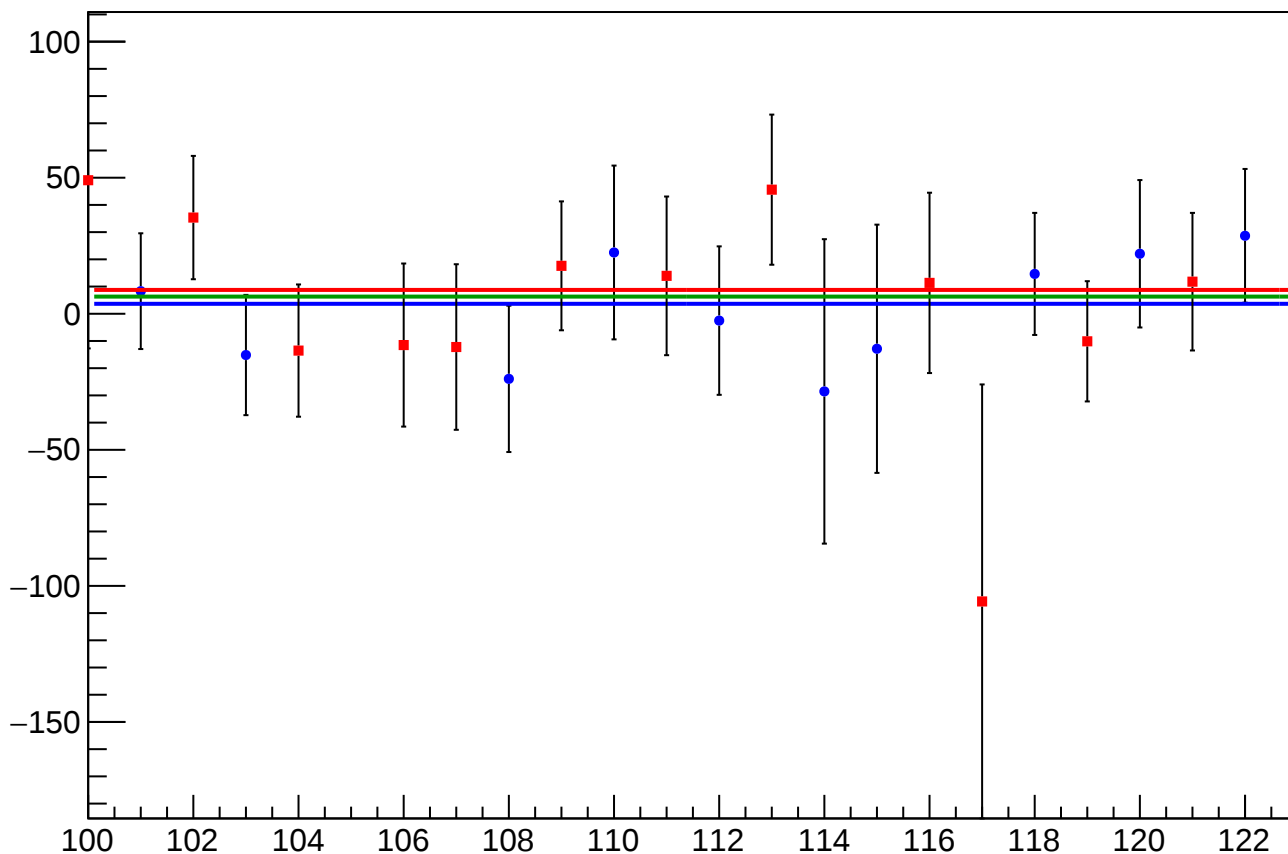
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.833+/-0.067 χ^2/NDF : 616486.1/10

164.953+/-0.044 χ^2/NDF : 1651397.3/22

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: 3.660+/-8.473 χ^2/NDF : 5.7/10

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

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

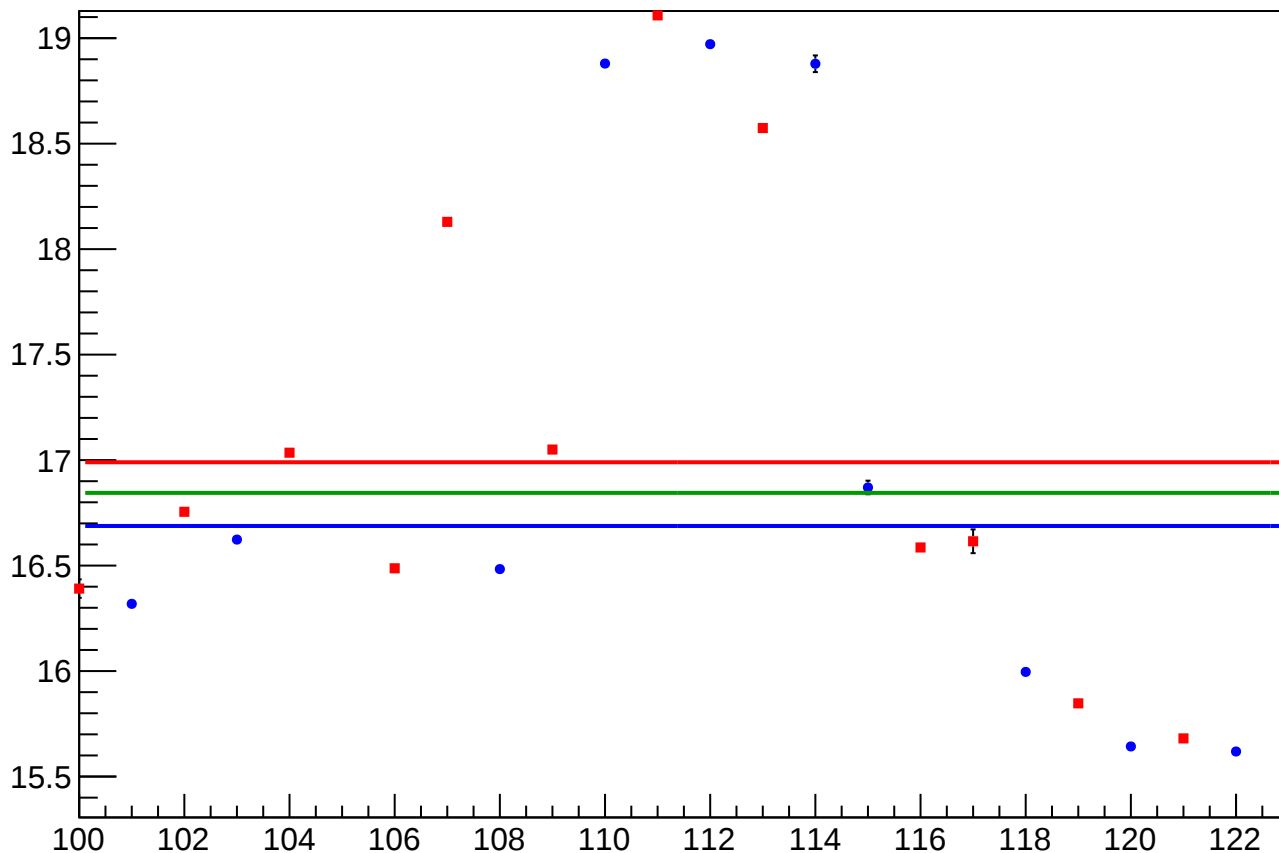
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.660+/-8.473 χ^2/NDF : 5.7/10

6.310+/-5.874 χ^2/NDF : 14.2/22

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: 16.688 ± 0.006 $\chi^2/\text{NDF}: 36485.0/10$

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

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

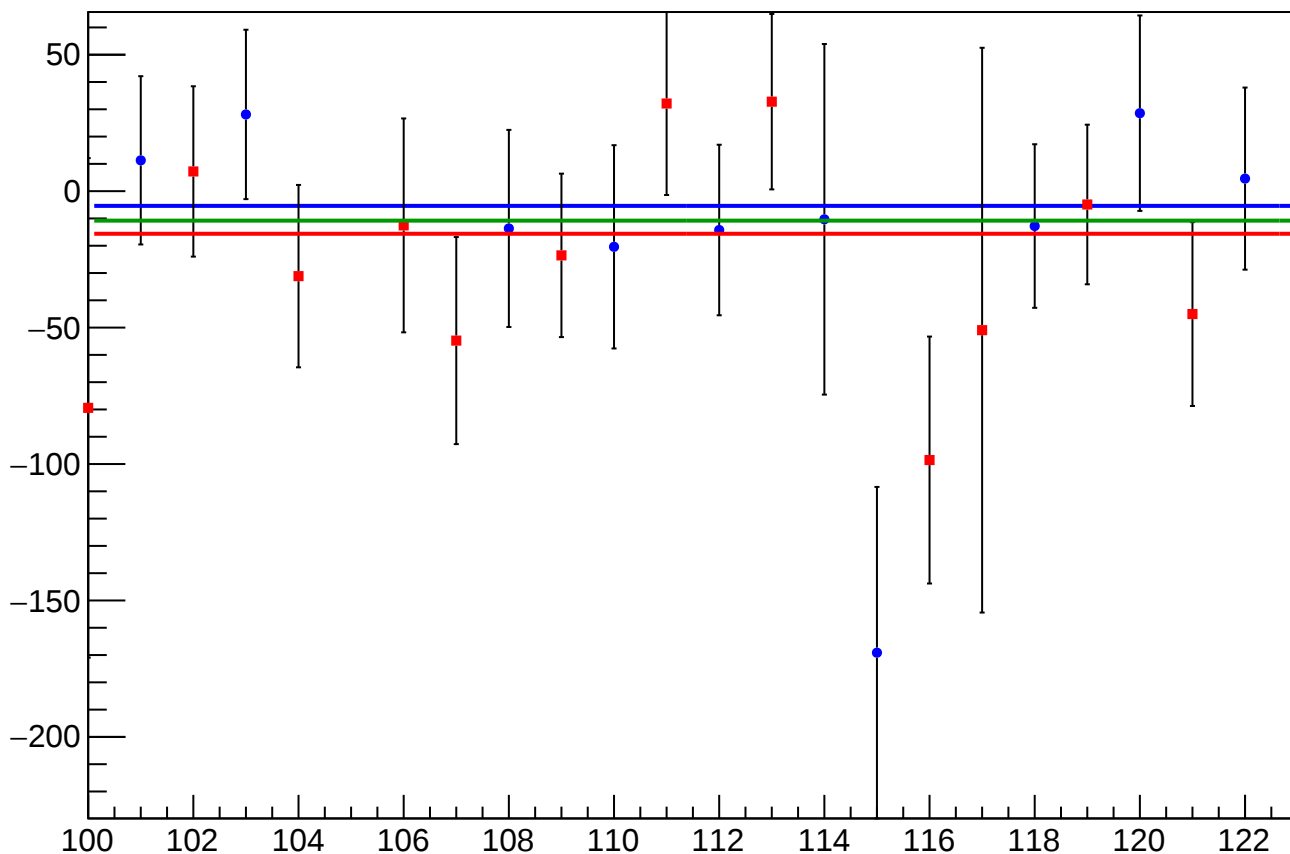
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

16.688 ± 0.006 $\chi^2/\text{NDF}: 36485.0/10$

16.845 ± 0.004 $\chi^2/\text{NDF}: 69801.6/22$

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: -5.390 ± 11.188 $\chi^2/\text{NDF}: 10.8/10$

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

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

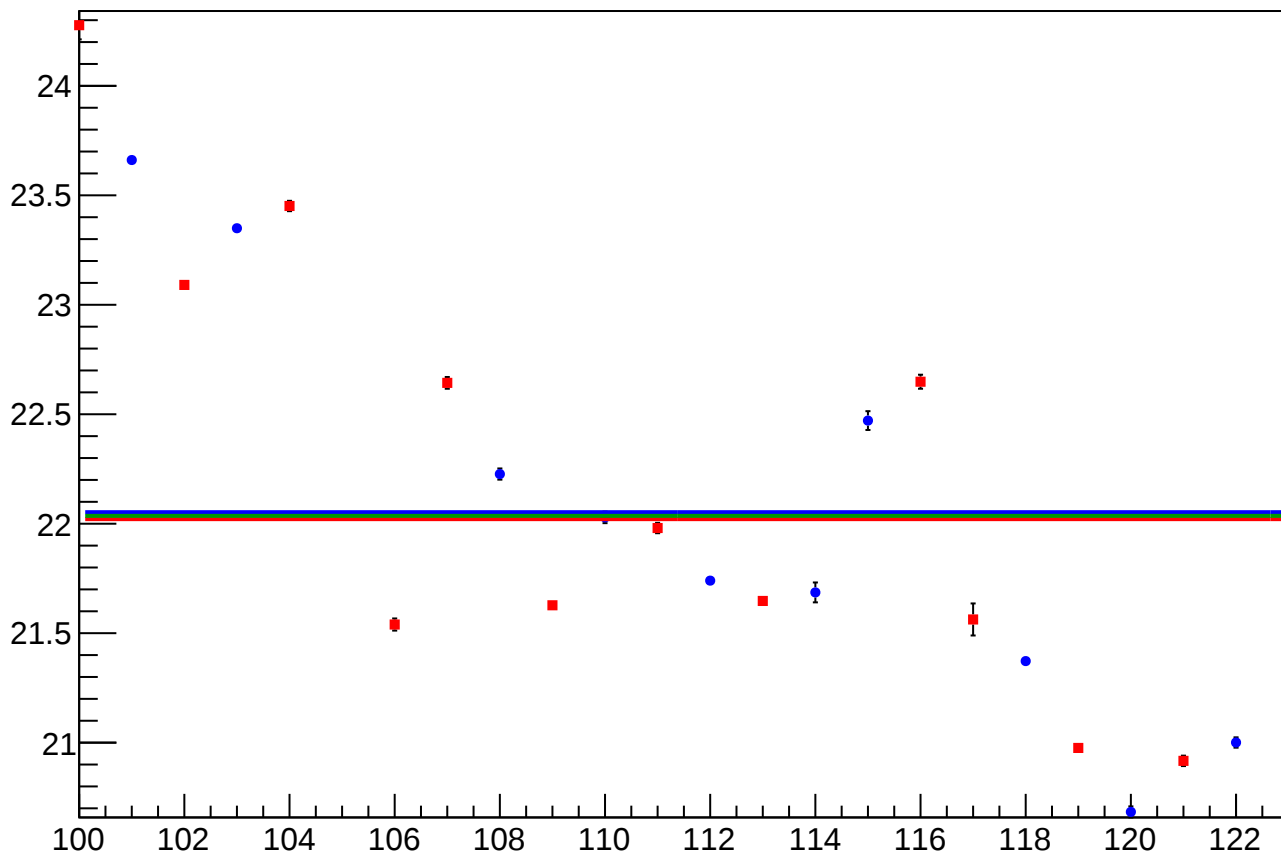
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-5.390 ± 11.188 $\chi^2/\text{NDF}: 10.8/10$

-10.802 ± 7.674 $\chi^2/\text{NDF}: 22.3/22$

-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: 22.053+/-0.008 χ^2/NDF : 15480.3/10

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

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

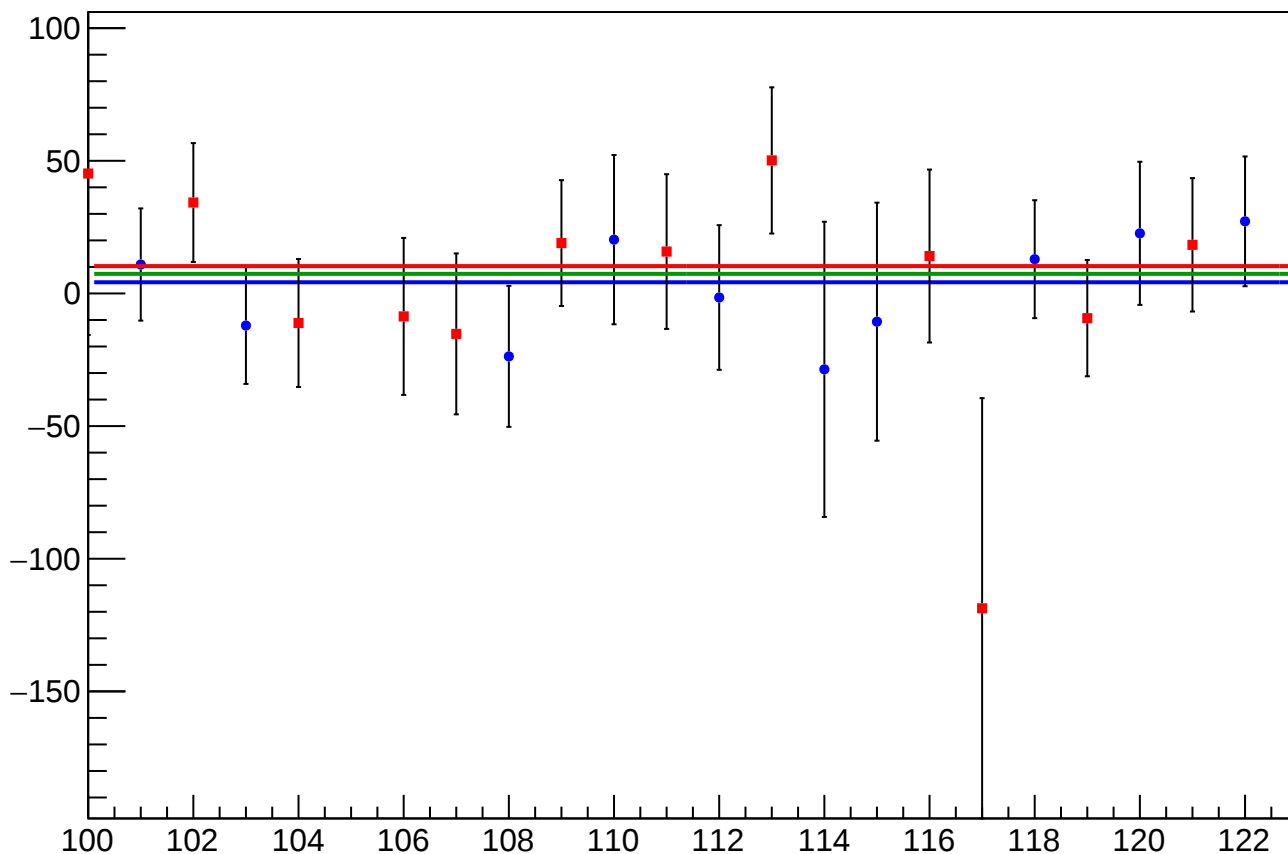
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.053+/-0.008 χ^2/NDF : 15480.3/10

22.036+/-0.005 χ^2/NDF : 29301.1/22

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: 4.217+/-8.424 χ^2/NDF : 5.1/10

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

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

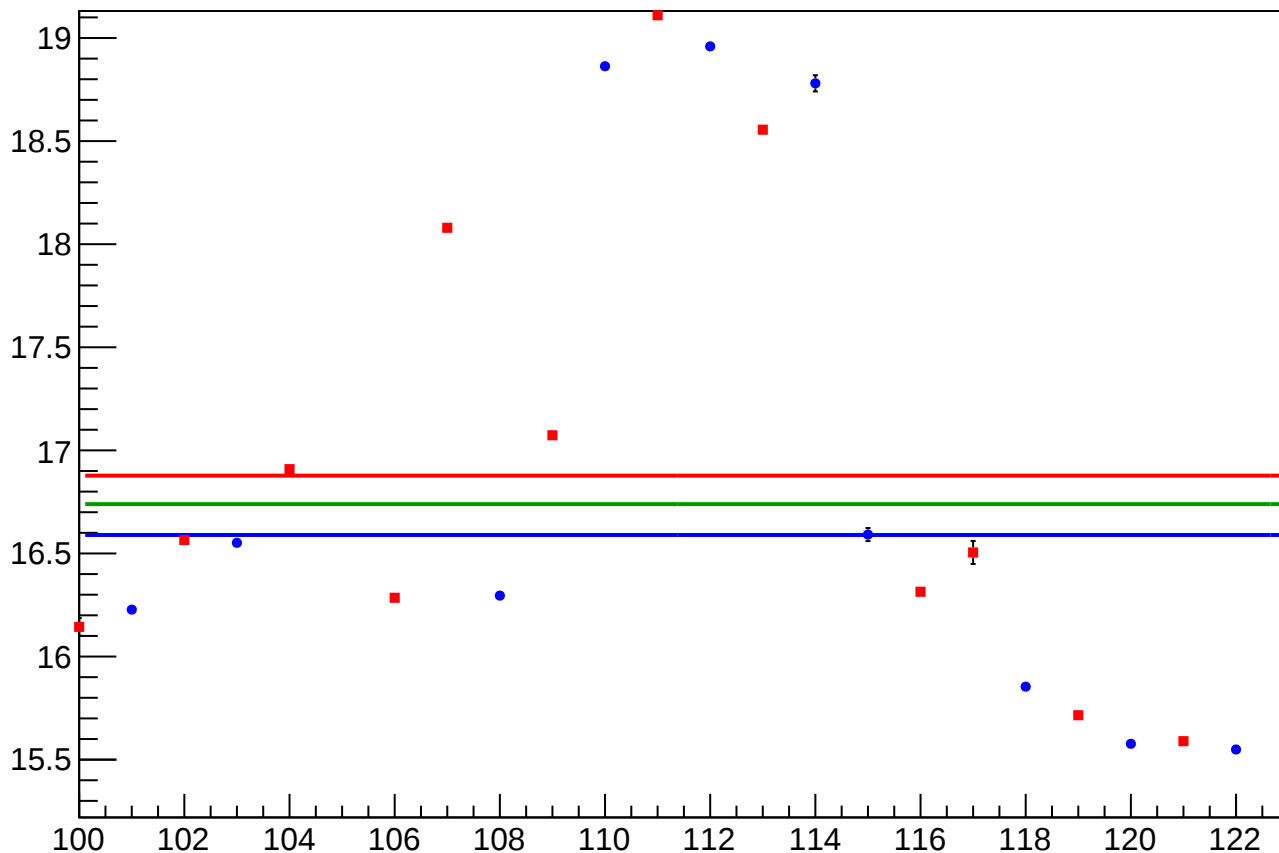
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.217+/-8.424 χ^2/NDF : 5.1/10

7.384+/-5.838 χ^2/NDF : 14.6/22

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: 16.590+/-0.006 χ^2 /NDF: 38370.1/10

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

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

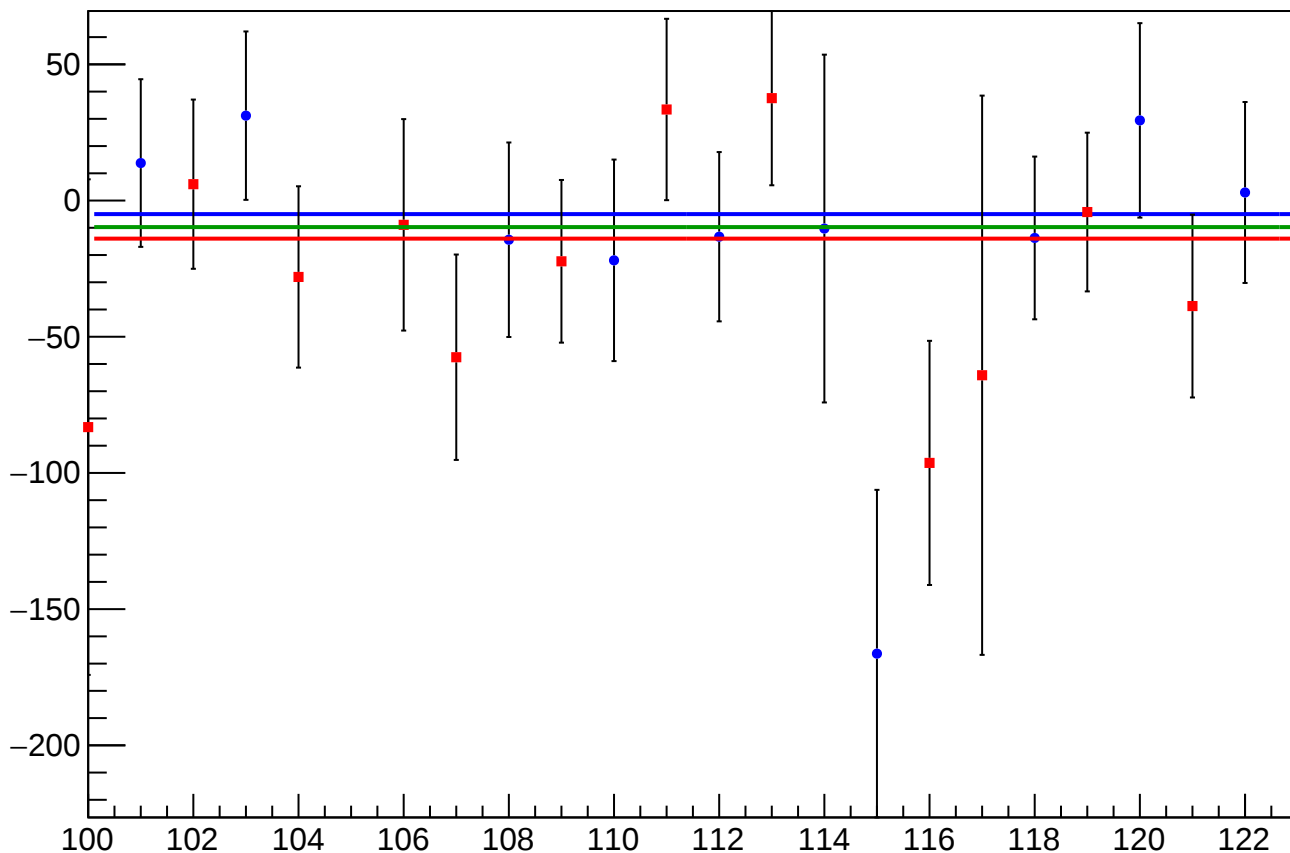
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.590+/-0.006 χ^2 /NDF: 38370.1/10

16.739+/-0.004 χ^2 /NDF: 75002.0/22

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: -4.977+/-11.131 χ^2/NDF : 11.1/10

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

Right Out: -13.980+/-10.491 χ^2/NDF : 11.5/11

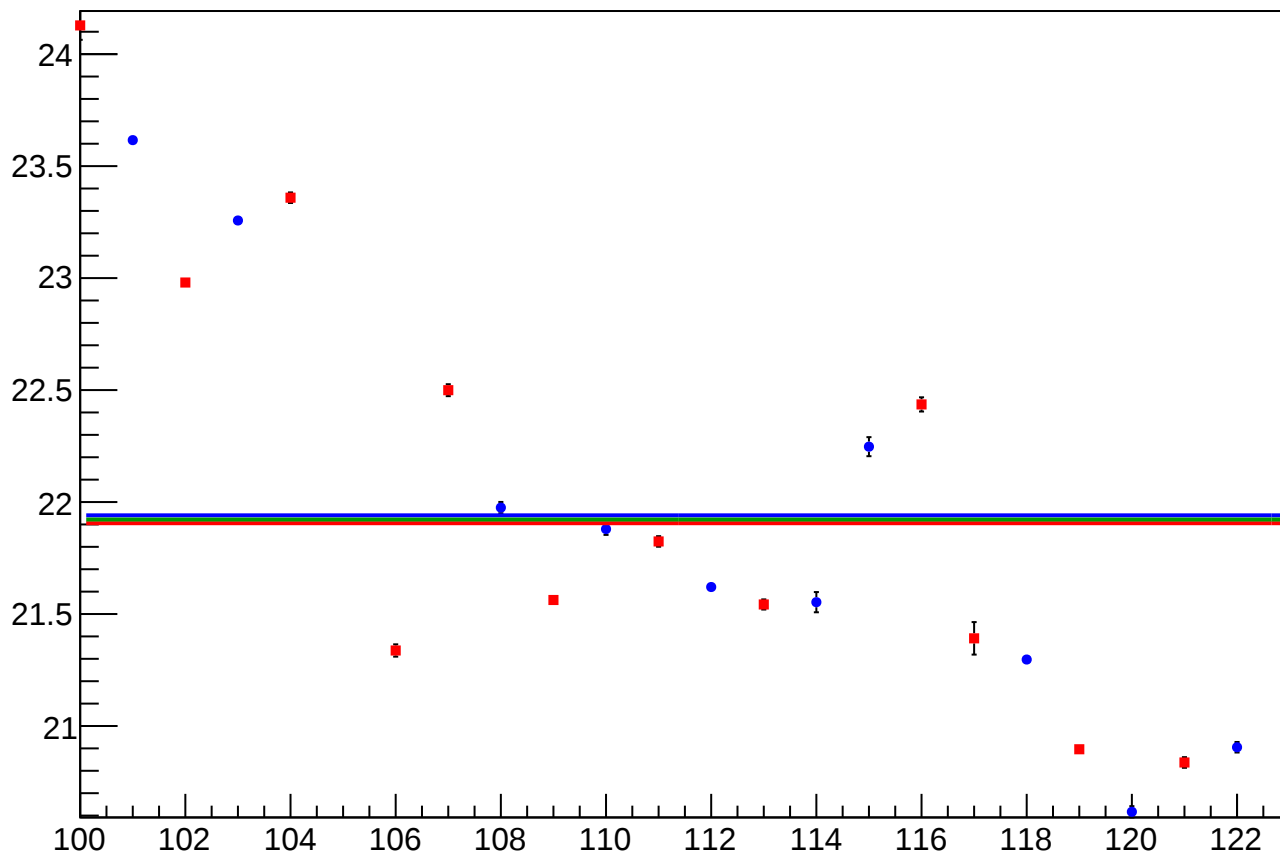
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.977+/-11.131 χ^2/NDF : 11.1/10

-9.745+/-7.635 χ^2/NDF : 22.9/22

-13.980+/-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: 21.941 $\pm$ 0.008 χ^2 /NDF: 15712.1/10

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

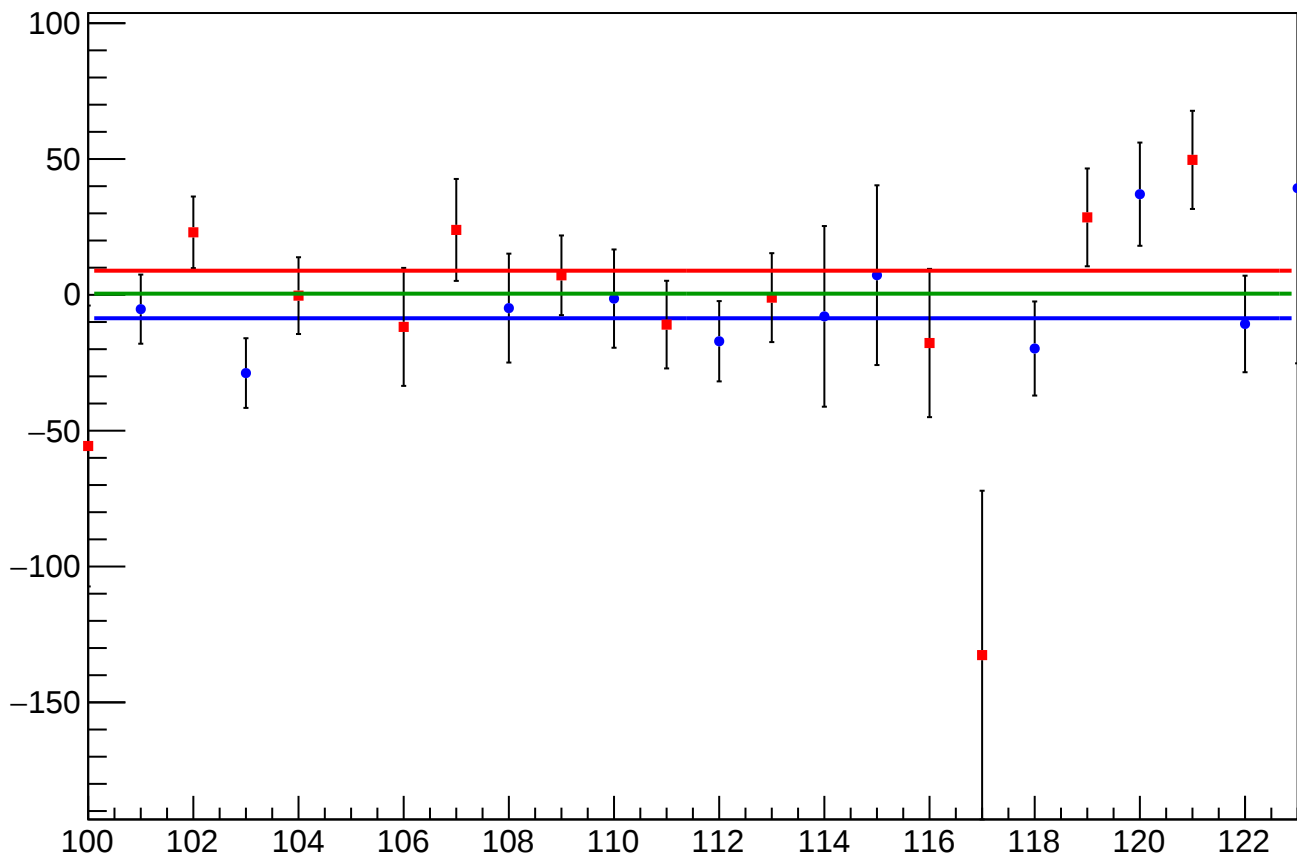
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.941 $\pm$ 0.008 χ^2 /NDF: 15712.1/10

21.922 $\pm$ 0.005 χ^2 /NDF: 29338.7/22

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: -8.610+/-5.446 χ^2/NDF : 10.1/10

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

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

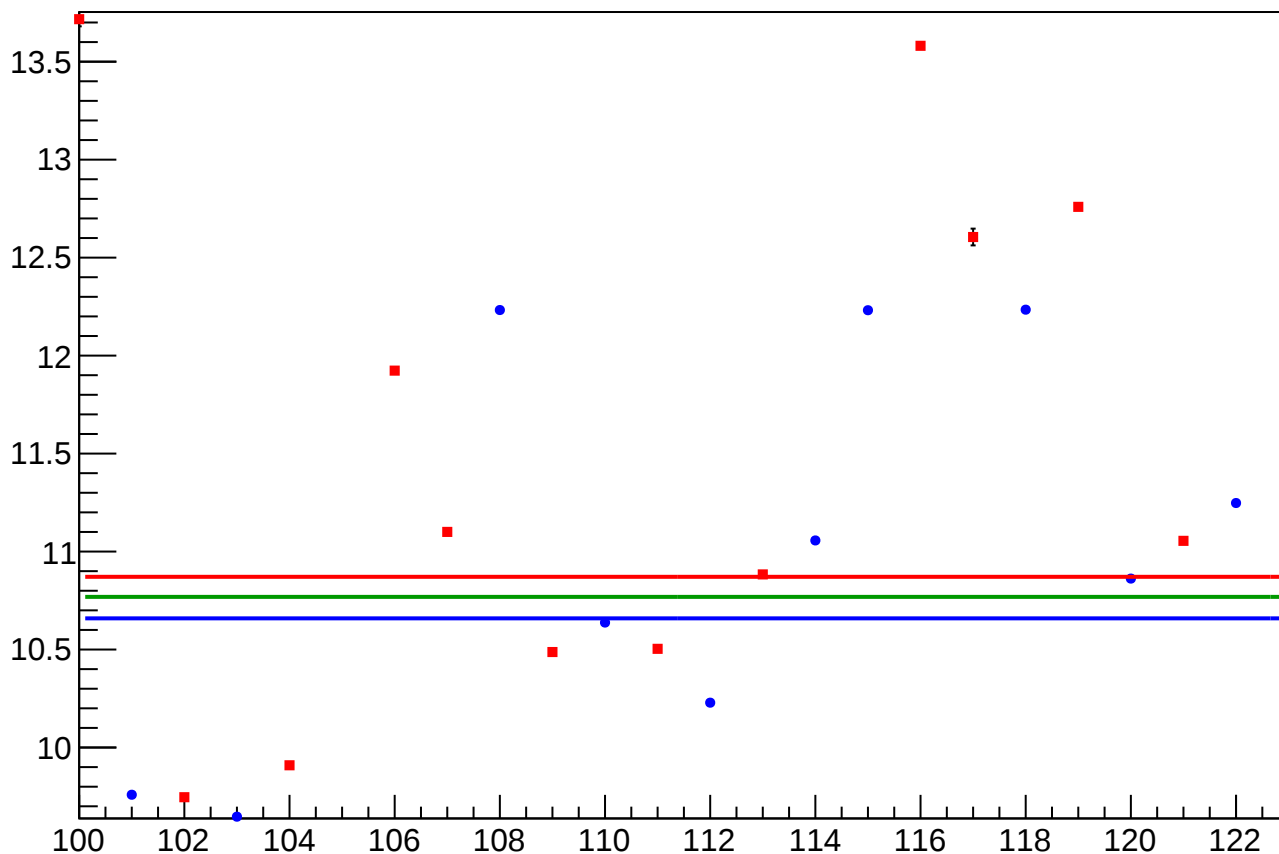
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.610+/-5.446 χ^2/NDF : 10.1/10

0.440+/-3.785 χ^2/NDF : 34.7/22

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: 10.659 $\pm$ 0.004 χ^2 /NDF: 61341.0/10

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

Right Out: 10.871 $\pm$ 0.004 χ^2 /NDF: 80873.5/11

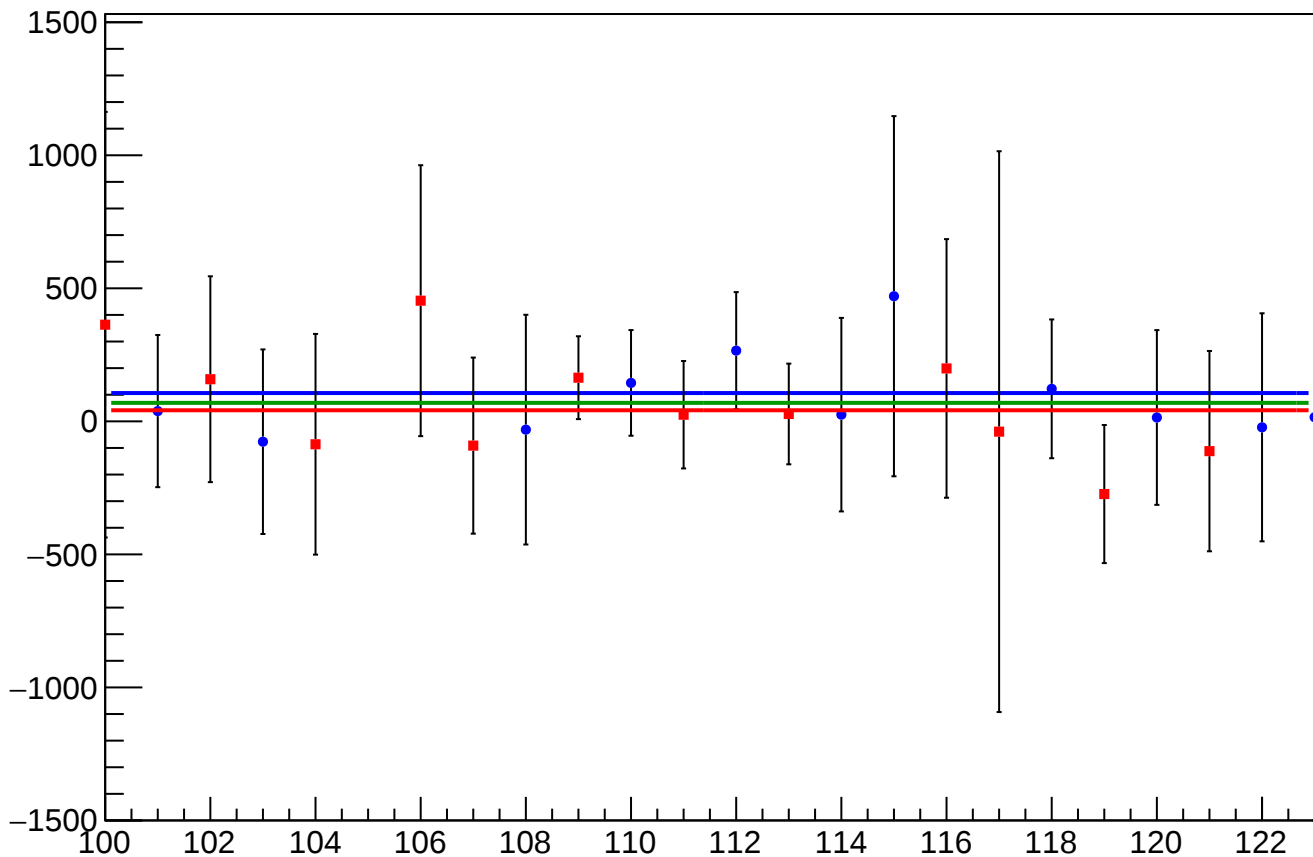
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.659 $\pm$ 0.004 χ^2 /NDF: 61341.0/10

10.769 $\pm$ 0.003 χ^2 /NDF: 143781.7/22

10.871 $\pm$ 0.004 χ^2 /NDF: 80873.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.366 $\pm$ 94.678 χ^2 /NDF: 1.5/10

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

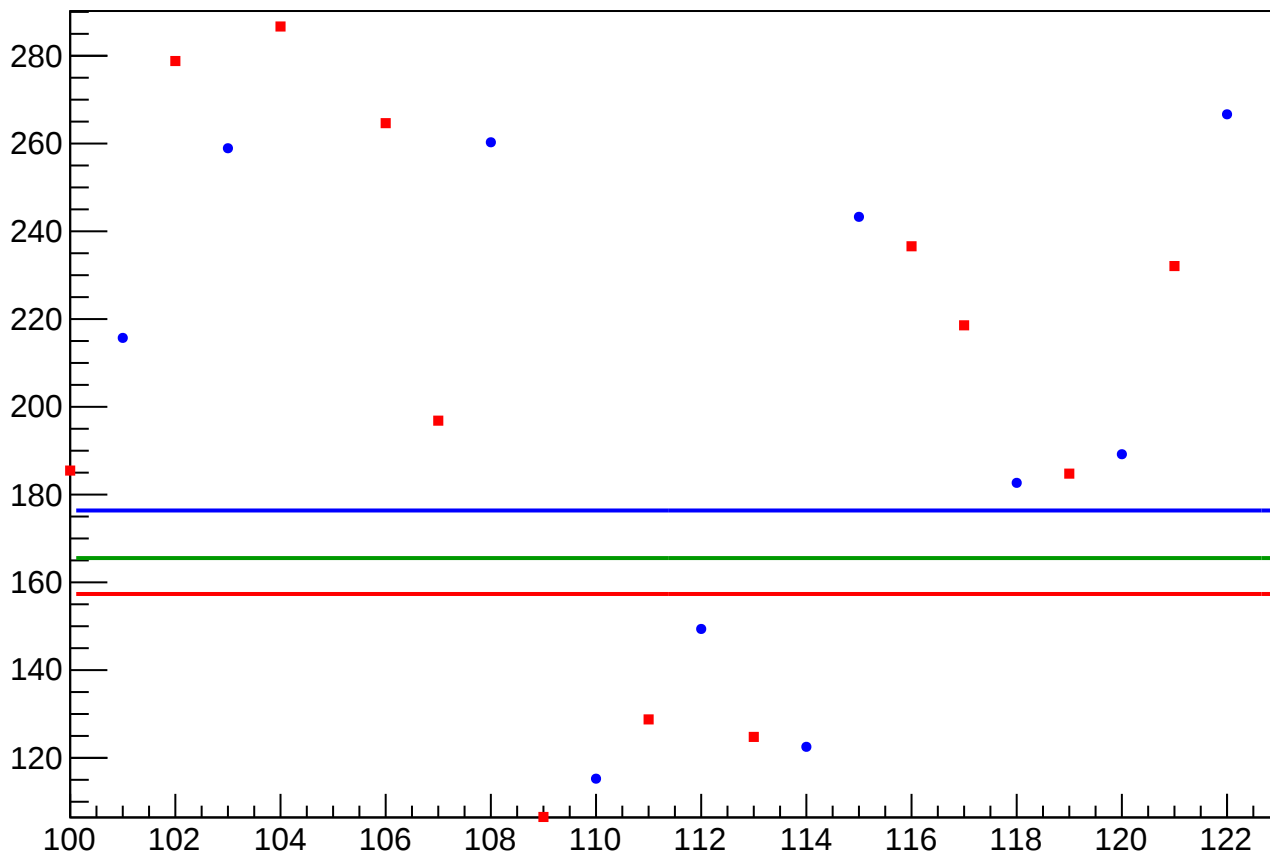
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.366 $\pm$ 94.678 χ^2 /NDF: 1.5/10

69.482 $\pm$ 62.094 χ^2 /NDF: 5.3/22

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: 176.377 $\pm$ 0.067 χ^2 /NDF: 613803.1/10

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

Right Out: 157.349 $\pm$ 0.058 χ^2 /NDF: 984857.9/11

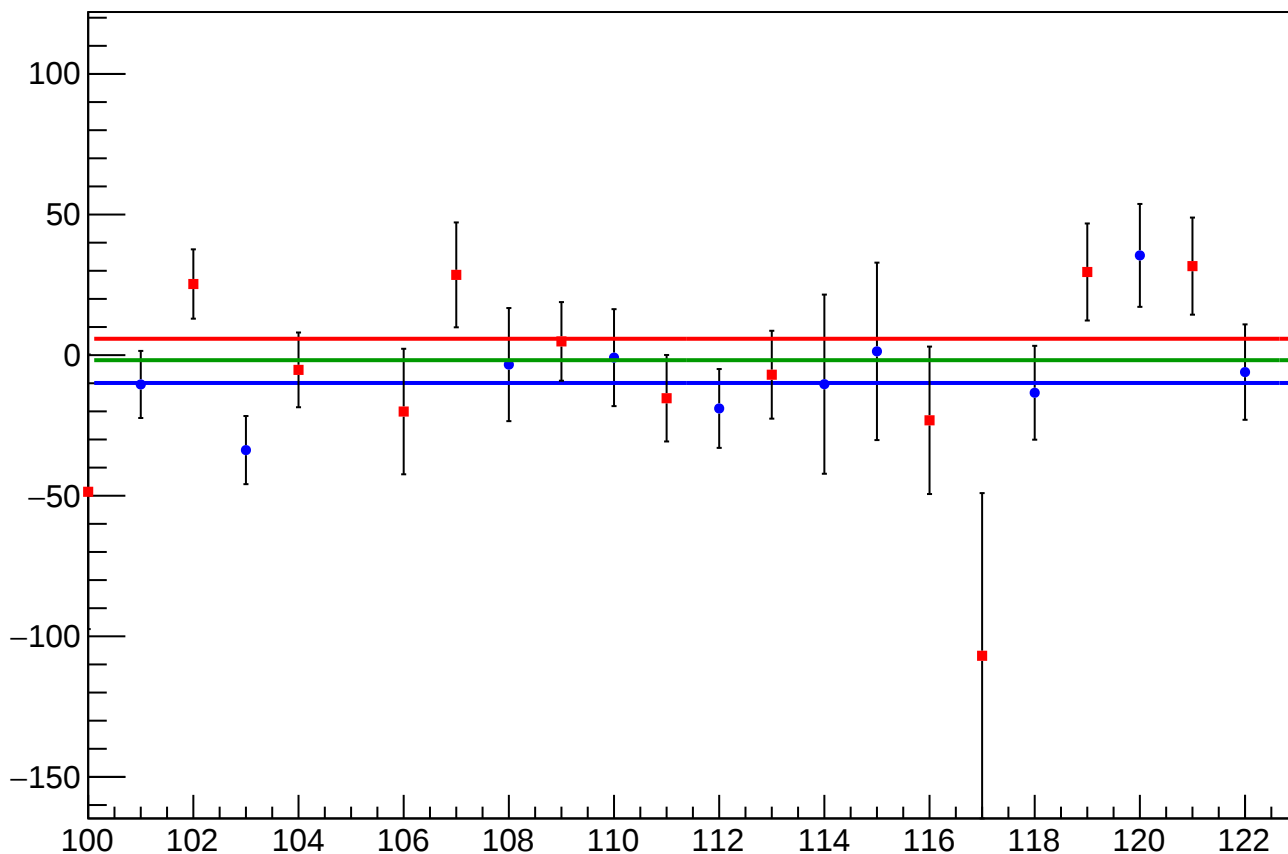
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.377 $\pm$ 0.067 χ^2 /NDF: 613803.1/10

165.533 $\pm$ 0.044 χ^2 /NDF: 1644693.5/22

157.349 $\pm$ 0.058 χ^2 /NDF: 984857.9/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.898 ± 5.194 $\chi^2/\text{NDF}: 12.4/10$

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

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

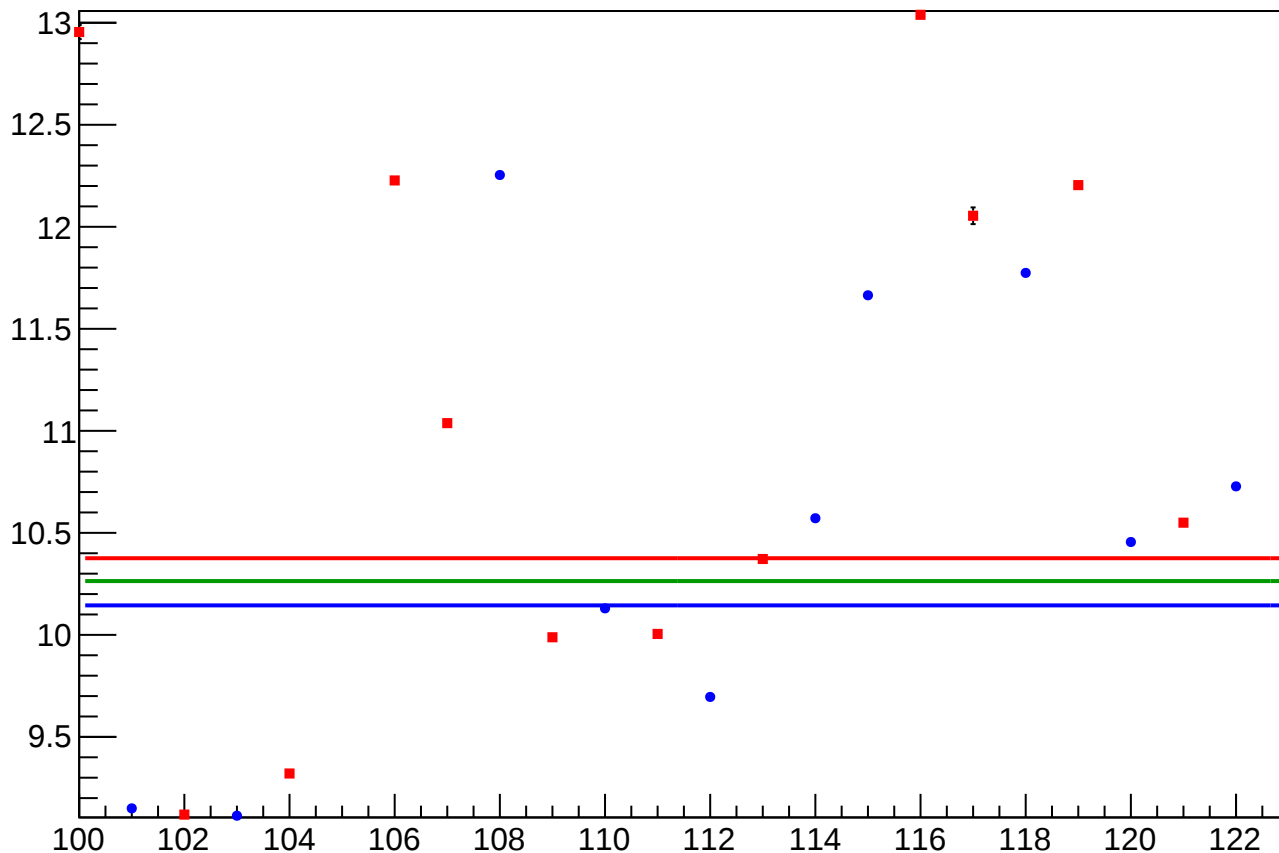
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-9.898 ± 5.194 $\chi^2/\text{NDF}: 12.4/10$

-1.793 ± 3.615 $\chi^2/\text{NDF}: 36.1/22$

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: 10.145+/-0.004 χ^2/NDF : 80517.8/10

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

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

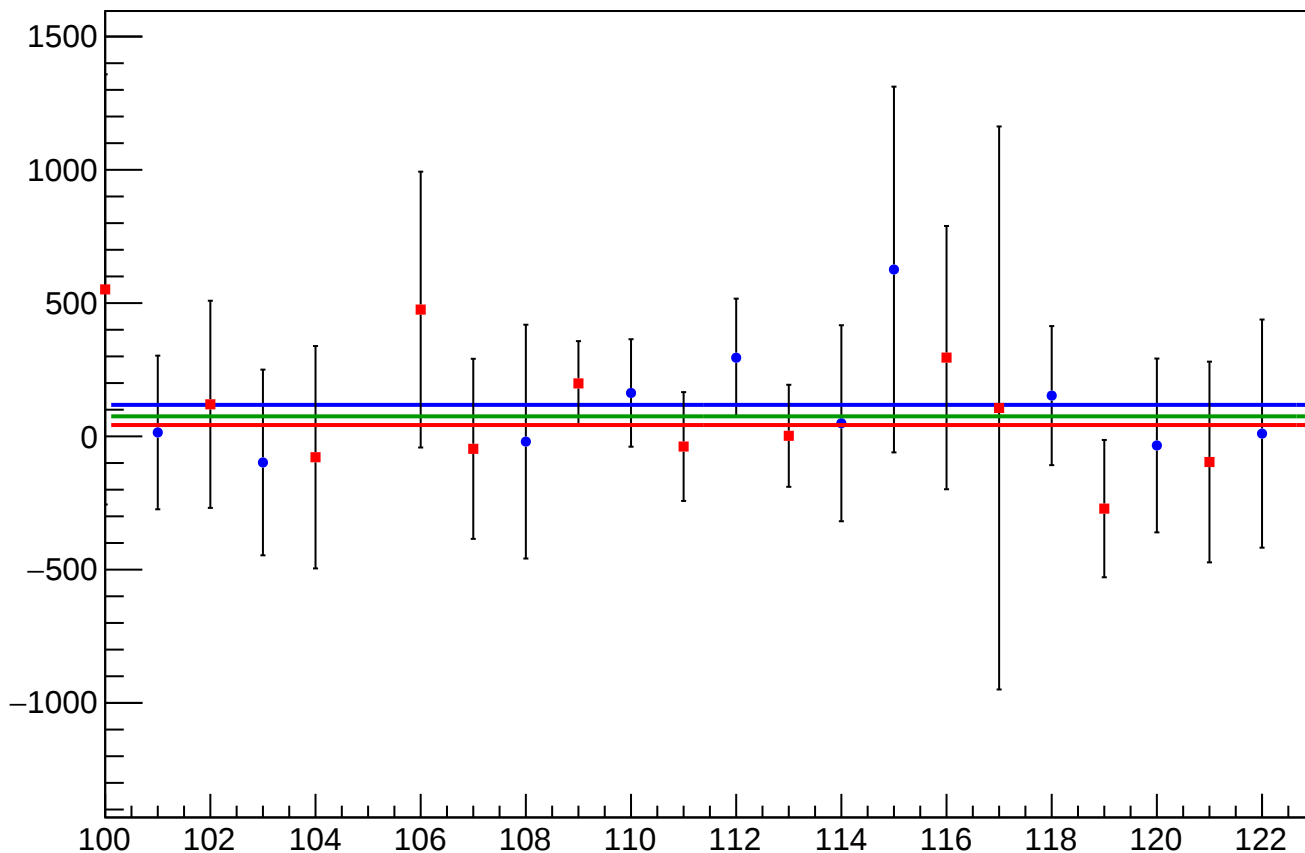
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.145+/-0.004 χ^2/NDF : 80517.8/10

10.264+/-0.003 χ^2/NDF : 185493.4/22

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: 118.172 $\pm$ 95.370 χ^2 /NDF: 2.2/10

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

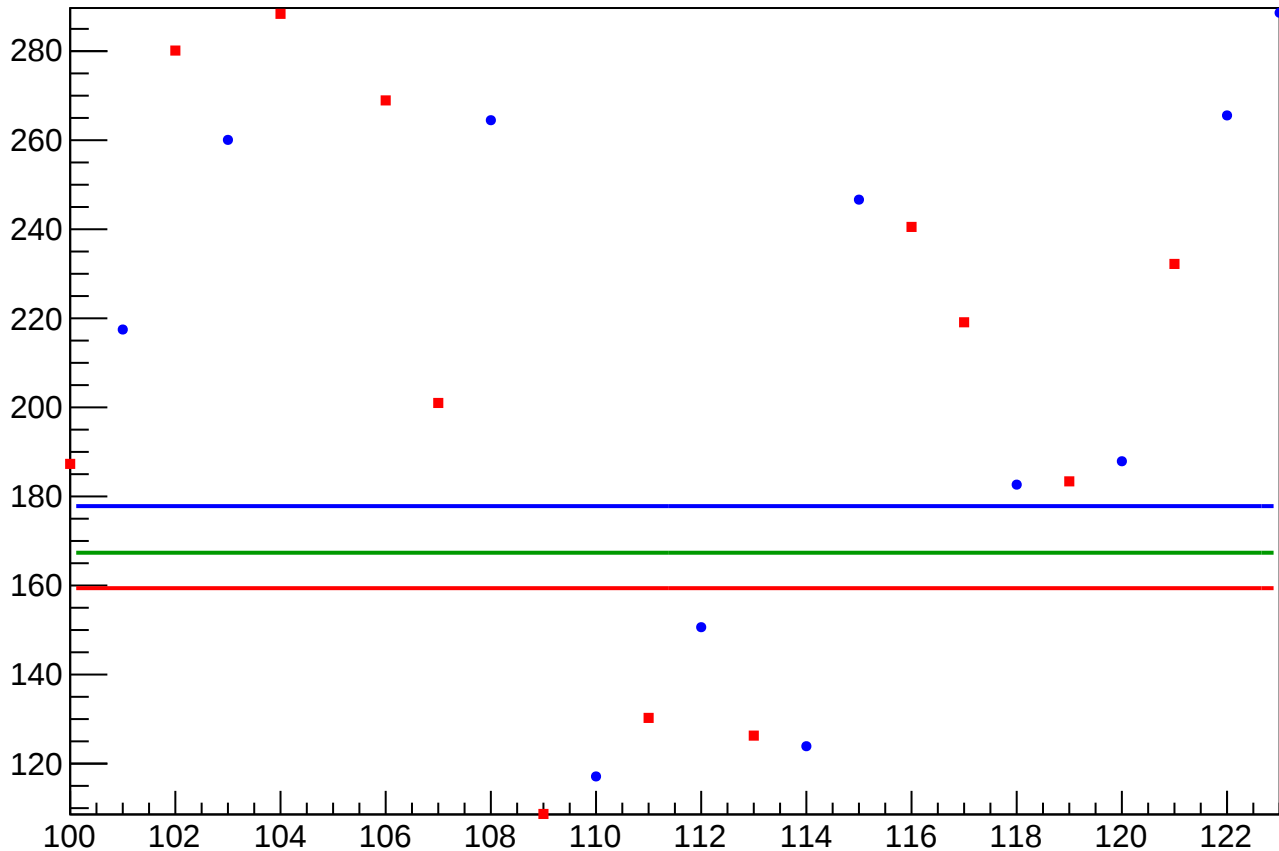
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.172 $\pm$ 95.370 χ^2 /NDF: 2.2/10

75.190 $\pm$ 62.683 χ^2 /NDF: 6.9/22

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: 177.826+/-0.067 χ^2/NDF : 599282.0/10

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

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

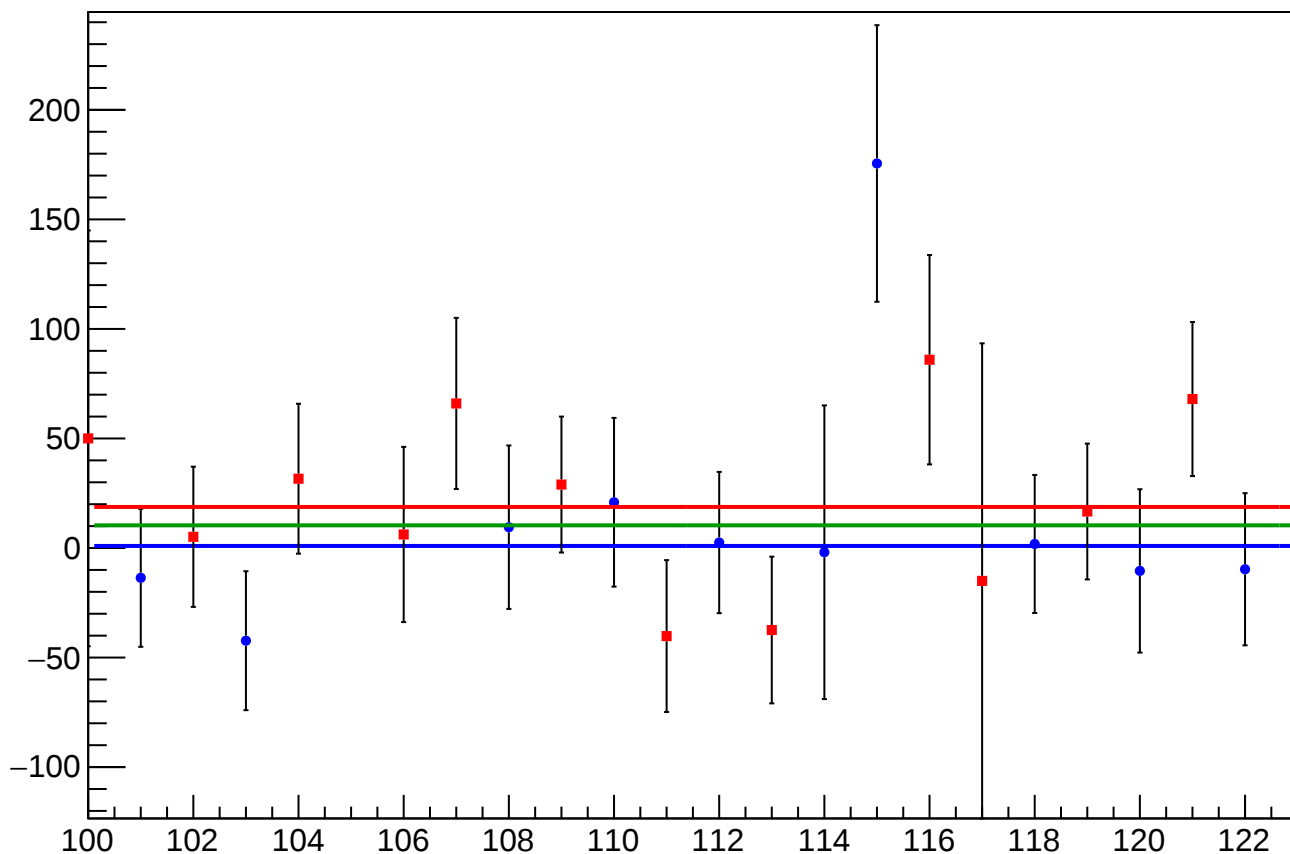
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.826+/-0.067 χ^2/NDF : 599282.0/10

167.359+/-0.044 χ^2/NDF : 1605741.0/22

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: 0.942 ± 11.577 $\chi^2/\text{NDF}: 11.4/10$

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

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

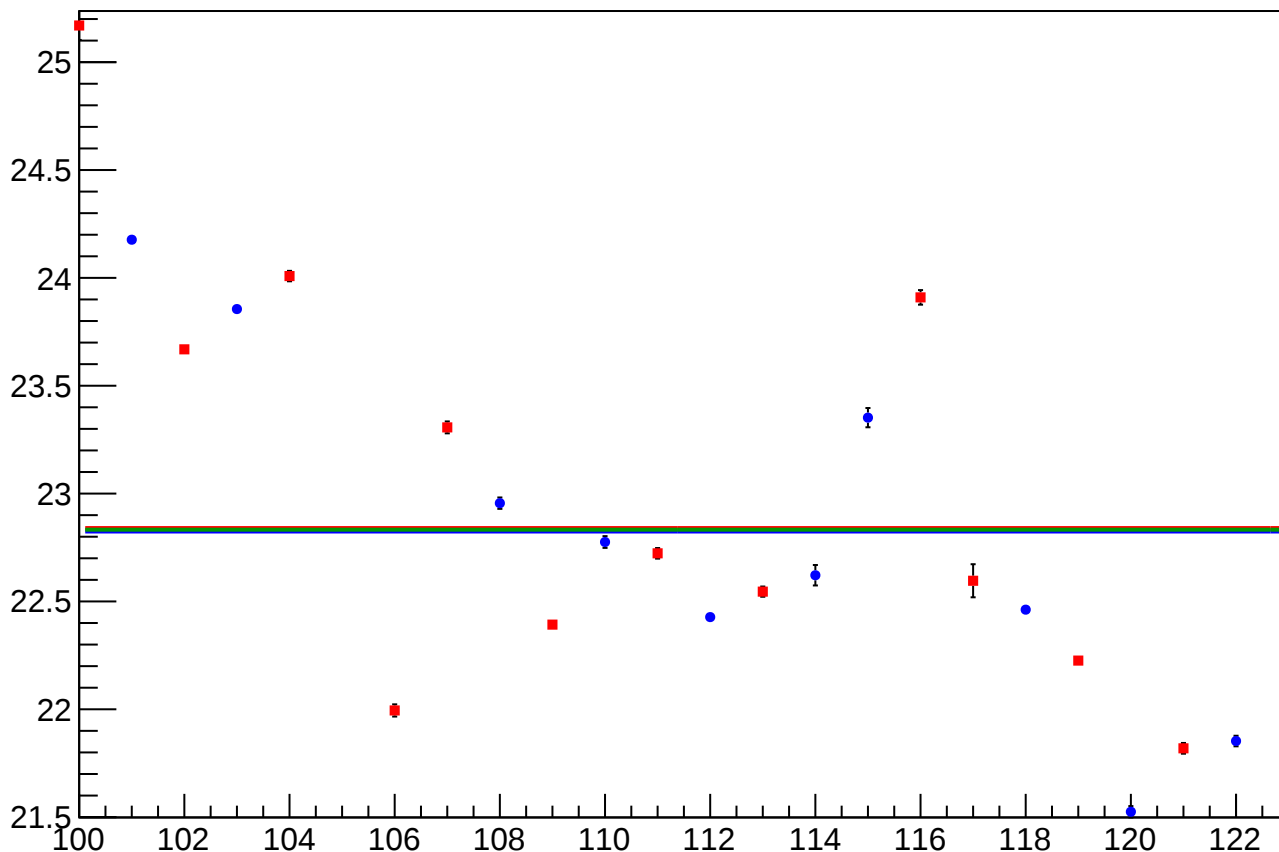
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.942 ± 11.577 $\chi^2/\text{NDF}: 11.4/10$

10.351 ± 7.950 $\chi^2/\text{NDF}: 24.5/22$

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: 22.824+/-0.008 χ^2/NDF : 10618.2/10

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

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

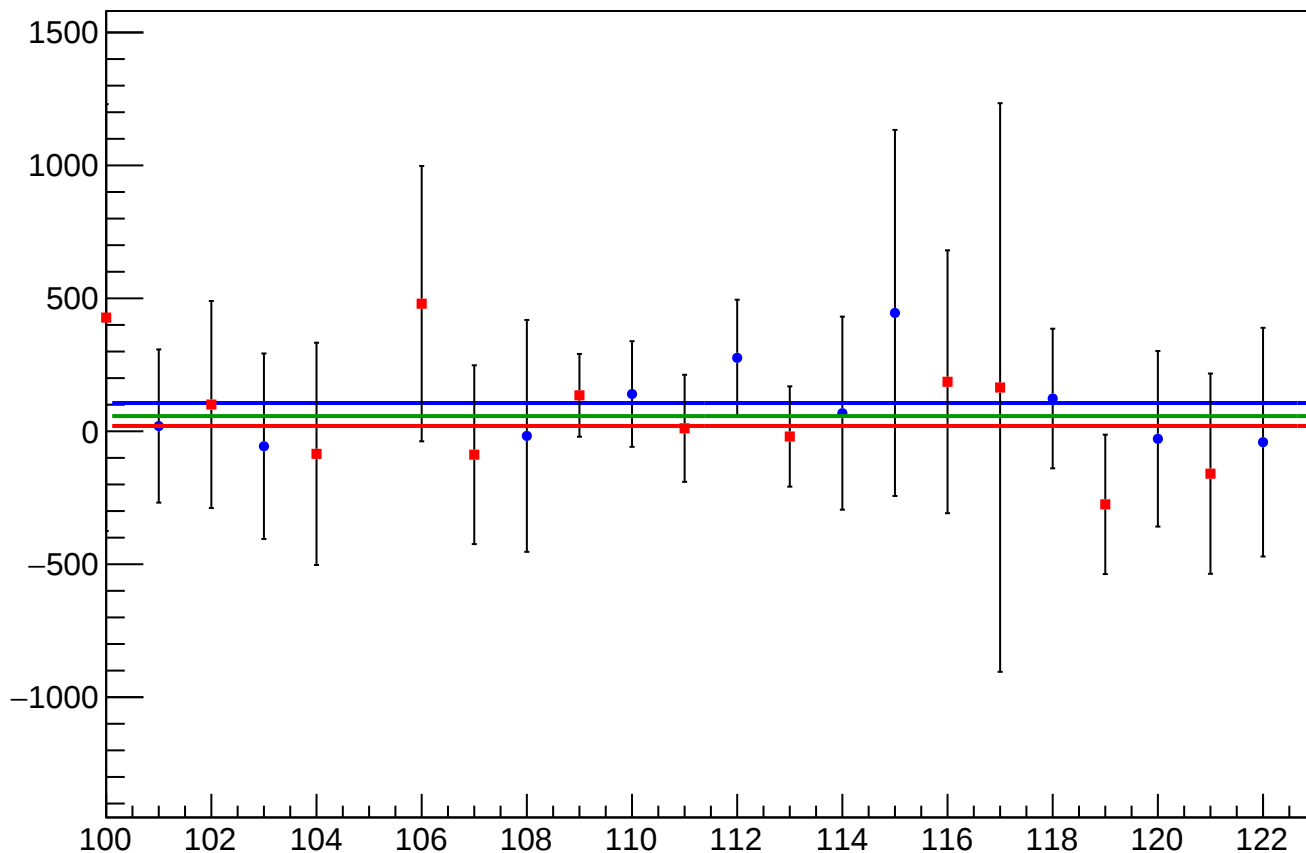
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.824+/-0.008 χ^2/NDF : 10618.2/10

22.833+/-0.006 χ^2/NDF : 20758.1/22

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: 106.408 ± 94.912 χ^2/NDF : 1.6/10

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

Right Out: 20.044 ± 82.463 χ^2/NDF : 3.5/11

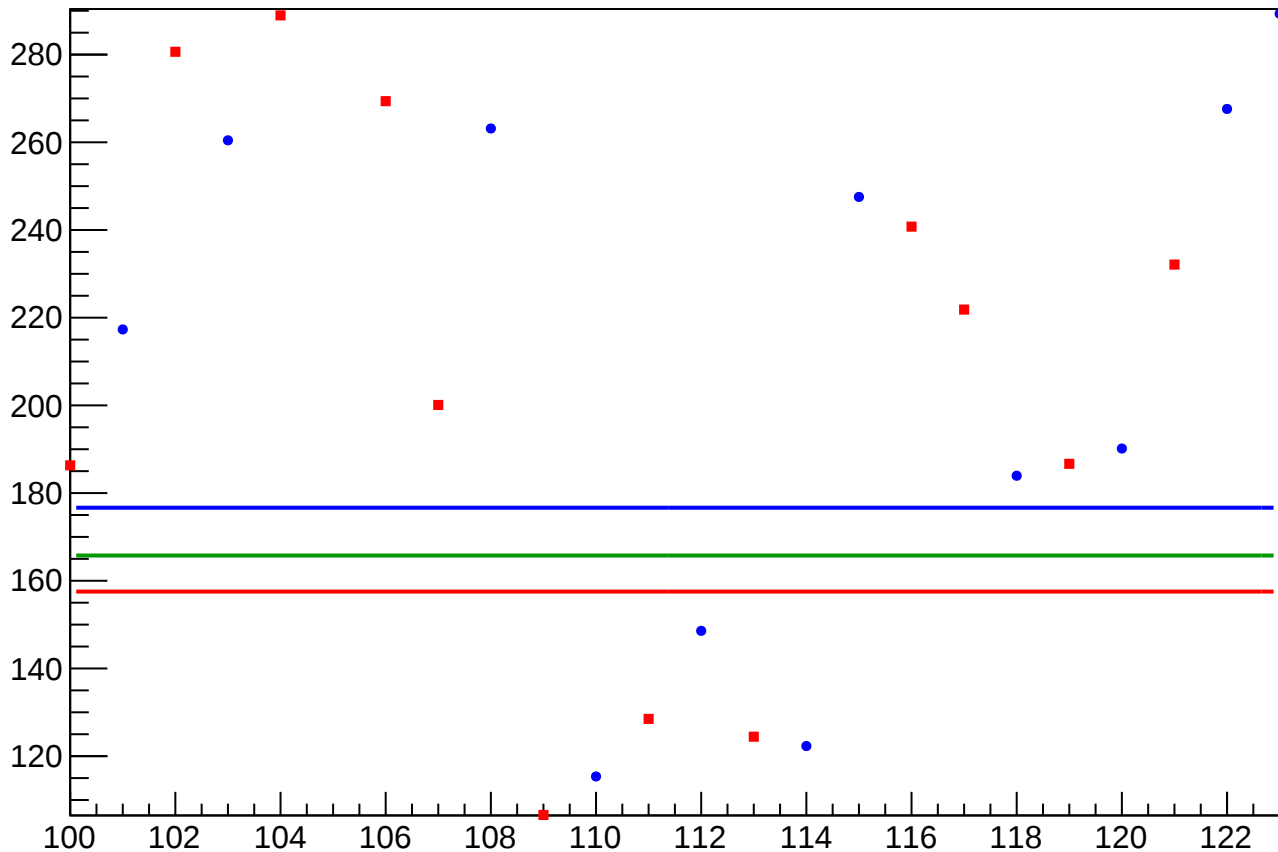
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

106.408 ± 94.912 χ^2/NDF : 1.6/10

57.194 ± 62.250 χ^2/NDF : 5.5/22

20.044 ± 82.463 χ^2/NDF : 3.5/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.661 $\pm$ 0.067 χ^2 /NDF: 628672.1/10

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

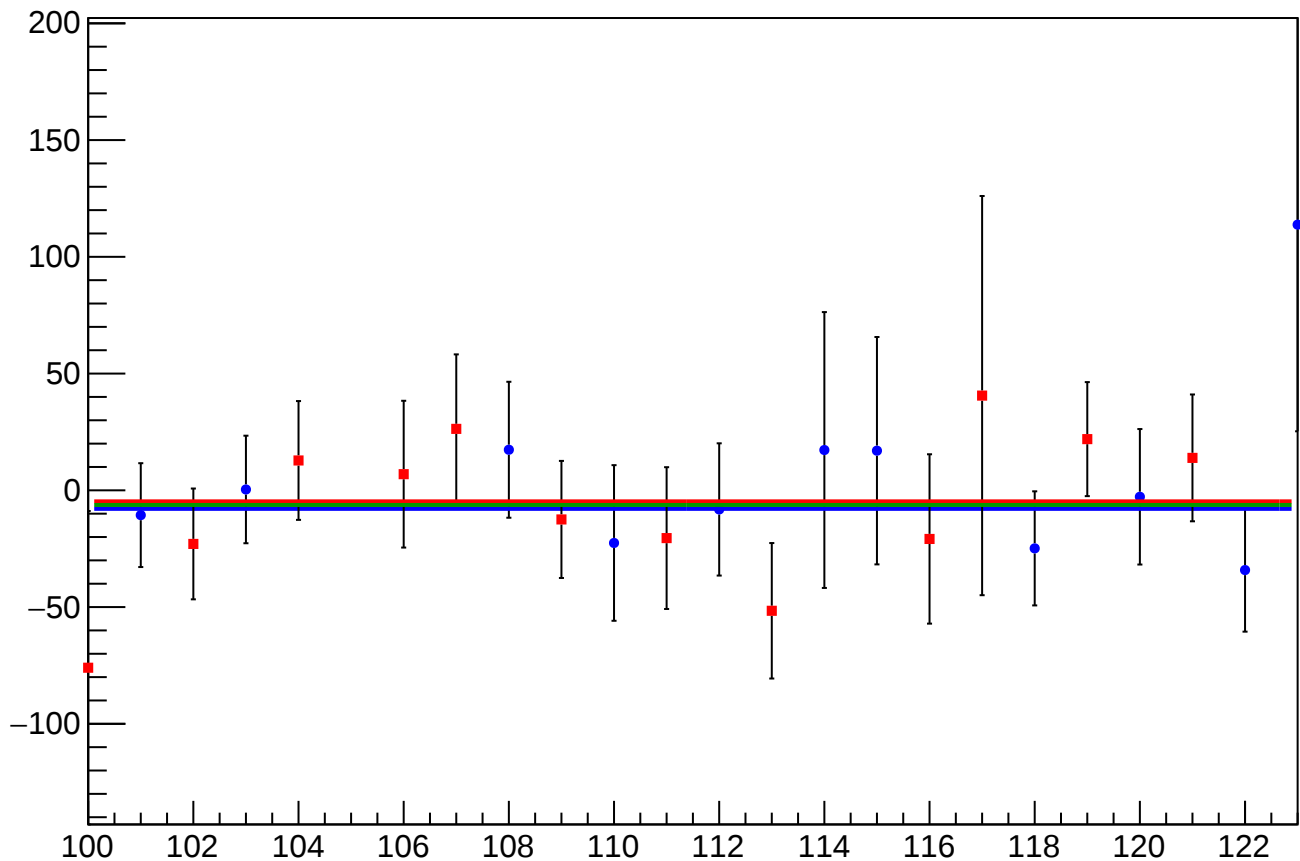
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.661 $\pm$ 0.067 χ^2 /NDF: 628672.1/10

165.762 $\pm$ 0.044 χ^2 /NDF: 1684964.0/22

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: -7.934+/-8.991 χ^2/NDF : 4.9/10

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

Right Out: -4.727+/-8.661 χ^2/NDF : 8.4/11

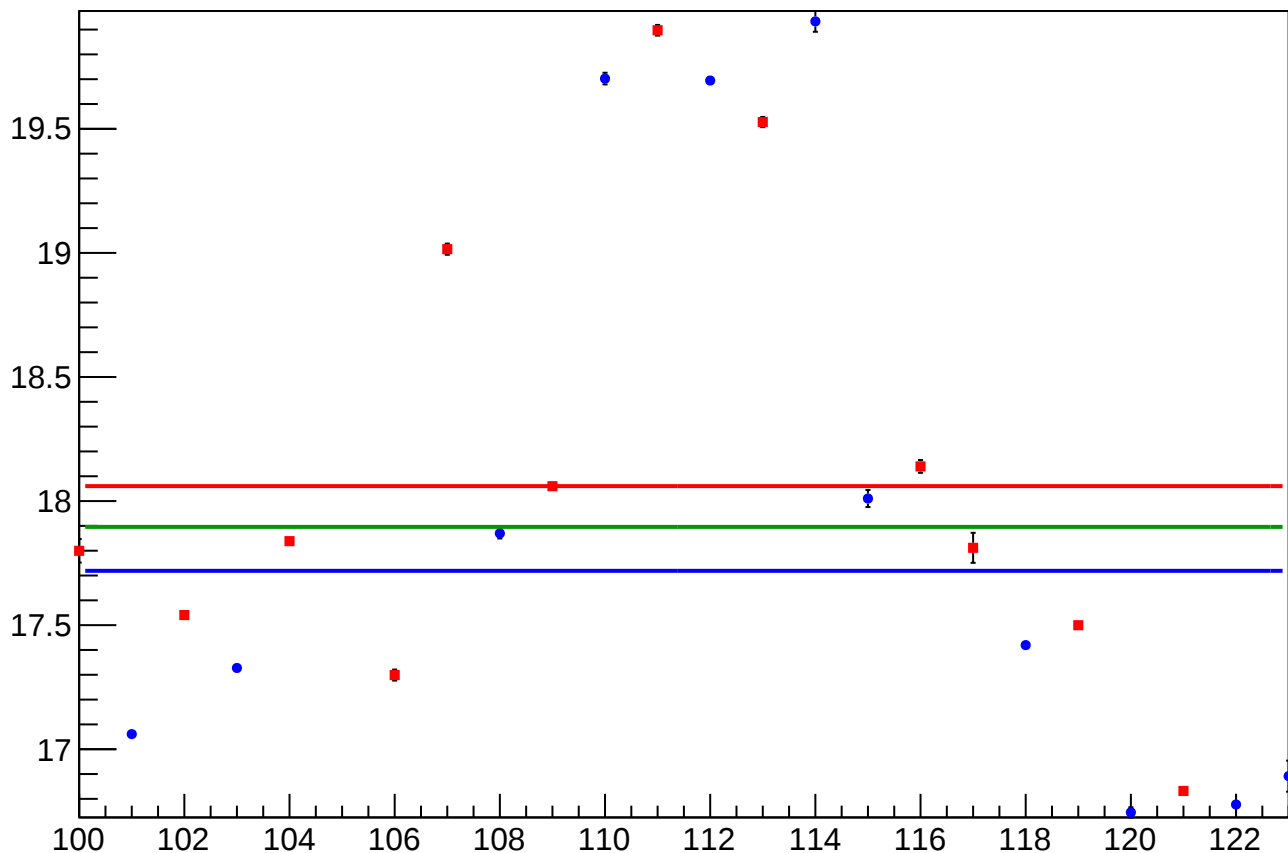
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.934+/-8.991 χ^2/NDF : 4.9/10

-6.271+/-6.238 χ^2/NDF : 13.4/22

-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: 17.719 ± 0.006 χ^2/NDF : 27355.4/10

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

Right Out: 18.060 ± 0.006 χ^2/NDF : 21712.3/11

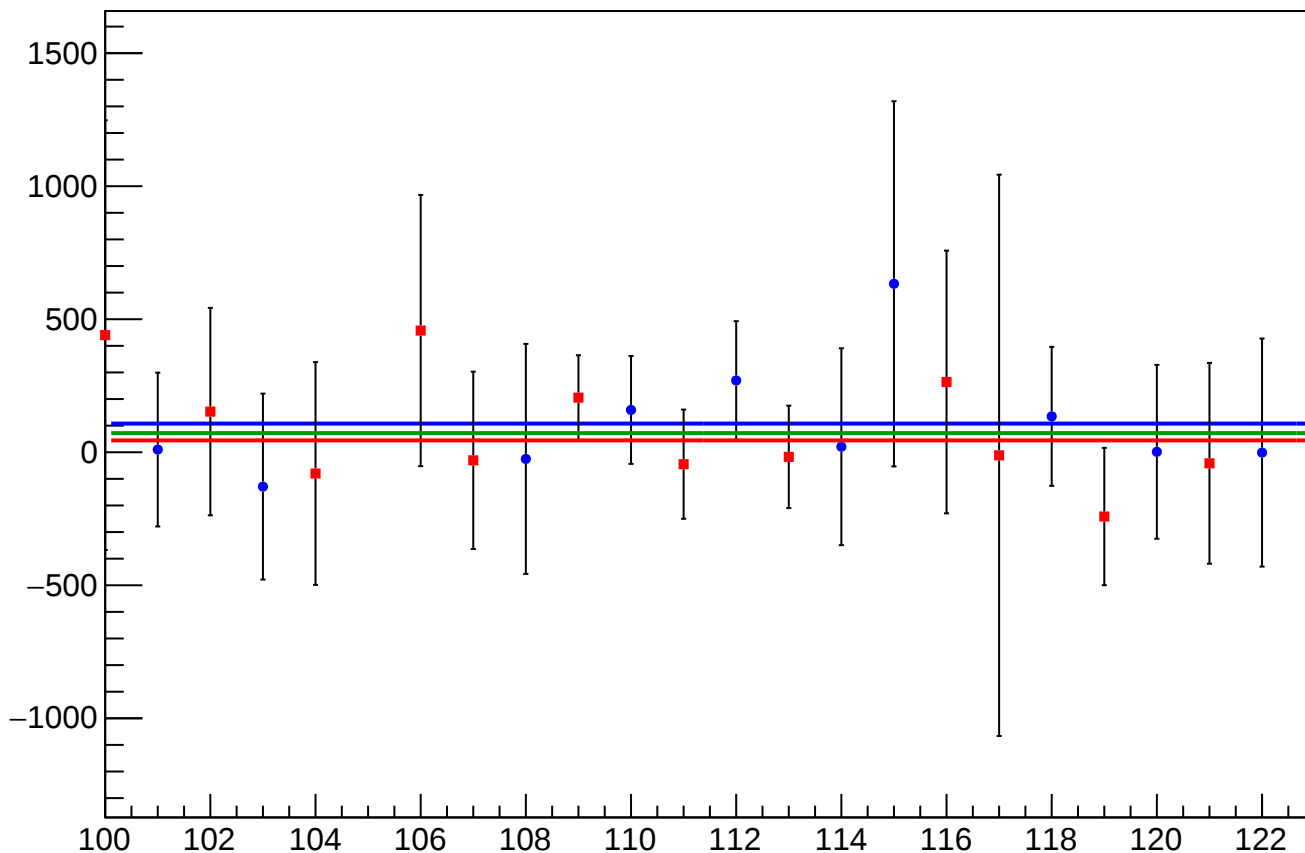
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.719 ± 0.006 χ^2/NDF : 27355.4/10

17.896 ± 0.004 χ^2/NDF : 50563.1/22

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: 107.781+/-95.649 χ^2/NDF : 2.1/10

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

Right Out: 44.570+/-83.395 χ^2/NDF : 3.9/11

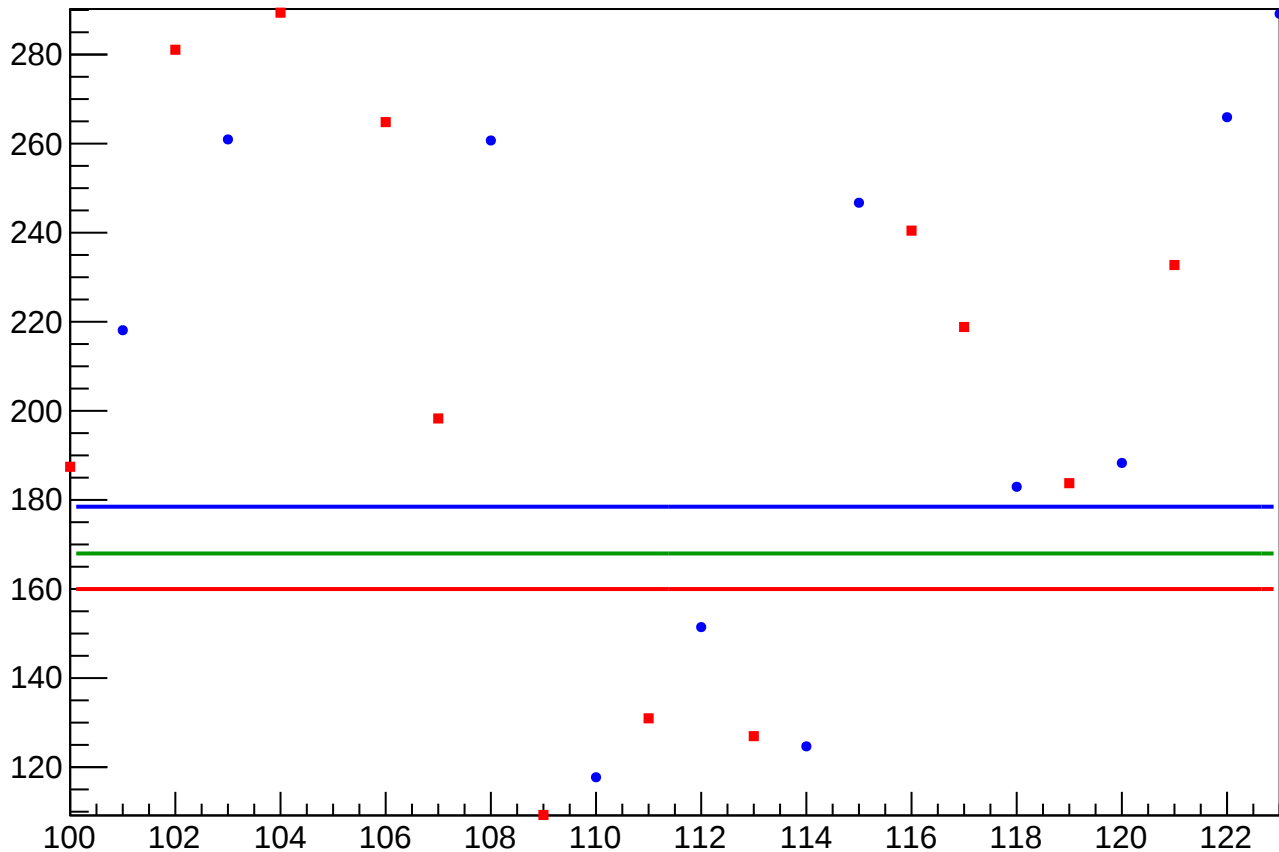
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.781+/-95.649 χ^2/NDF : 2.1/10

71.869+/-62.858 χ^2/NDF : 6.2/22

44.570+/-83.395 χ^2/NDF : 3.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.480+/-0.068 χ^2/NDF : 588689.7/10

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

Right Out: 159.990+/-0.059 χ^2/NDF : 949289.8/11

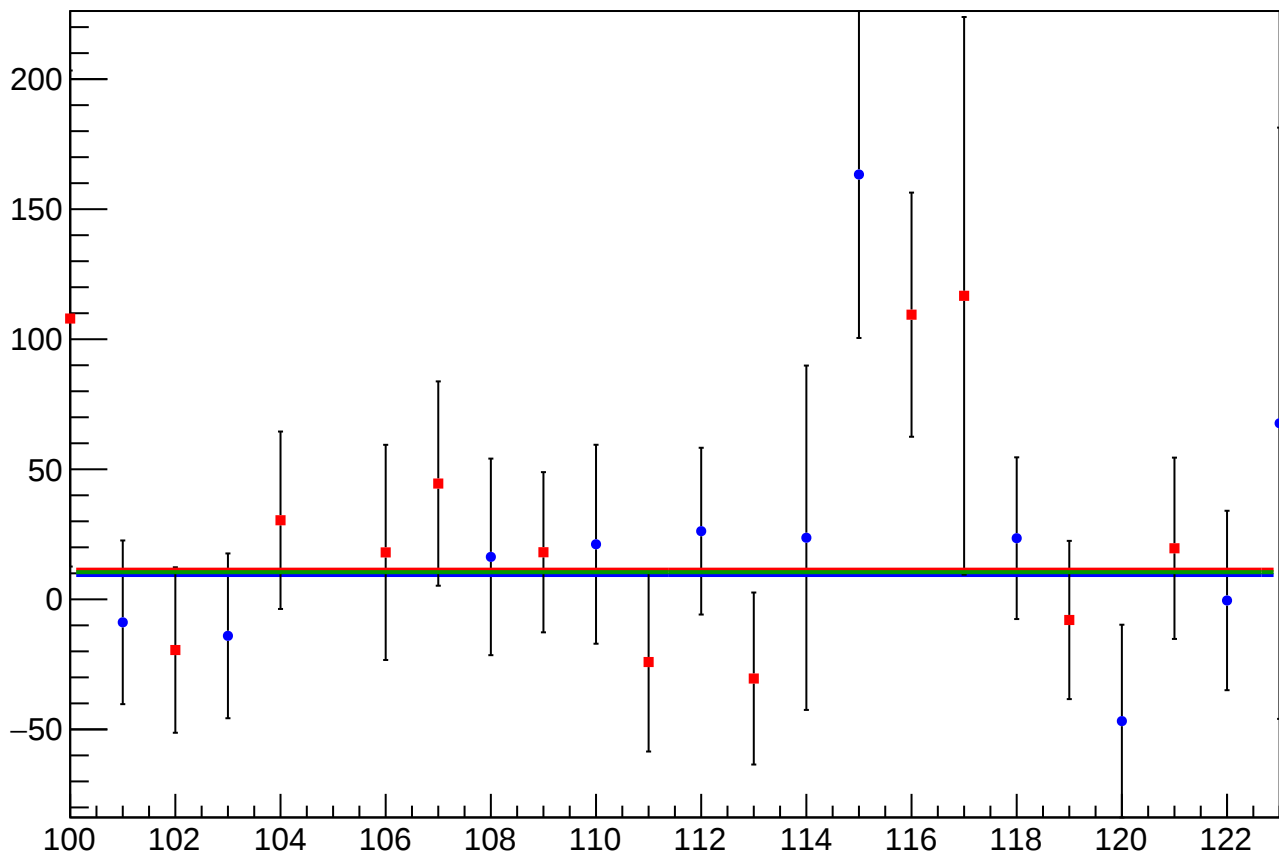
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

178.480+/-0.068 χ^2/NDF : 588689.7/10

167.975+/-0.044 χ^2/NDF : 1580439.7/22

159.990+/-0.059 χ^2/NDF : 949289.8/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.351+/-11.527 χ^2/NDF : 10.2/10

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

Right Out: 11.418+/-10.879 χ^2/NDF : 11.5/11

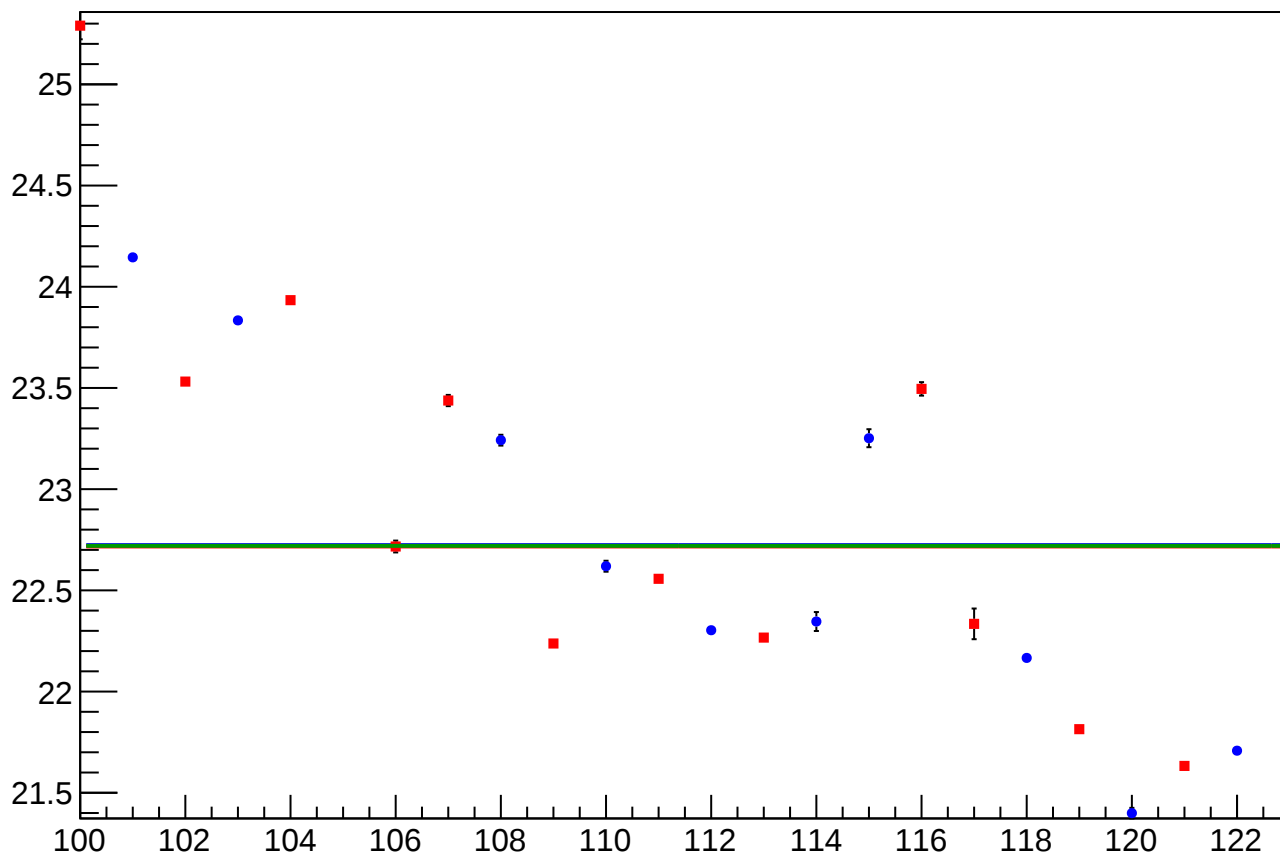
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.351+/-11.527 χ^2/NDF : 10.2/10

10.444+/-7.912 χ^2/NDF : 21.7/22

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: 22.723+/-0.008 χ^2/NDF : 12574.8/10

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

Right Out: 22.717+/-0.008 χ^2/NDF : 11159.1/11

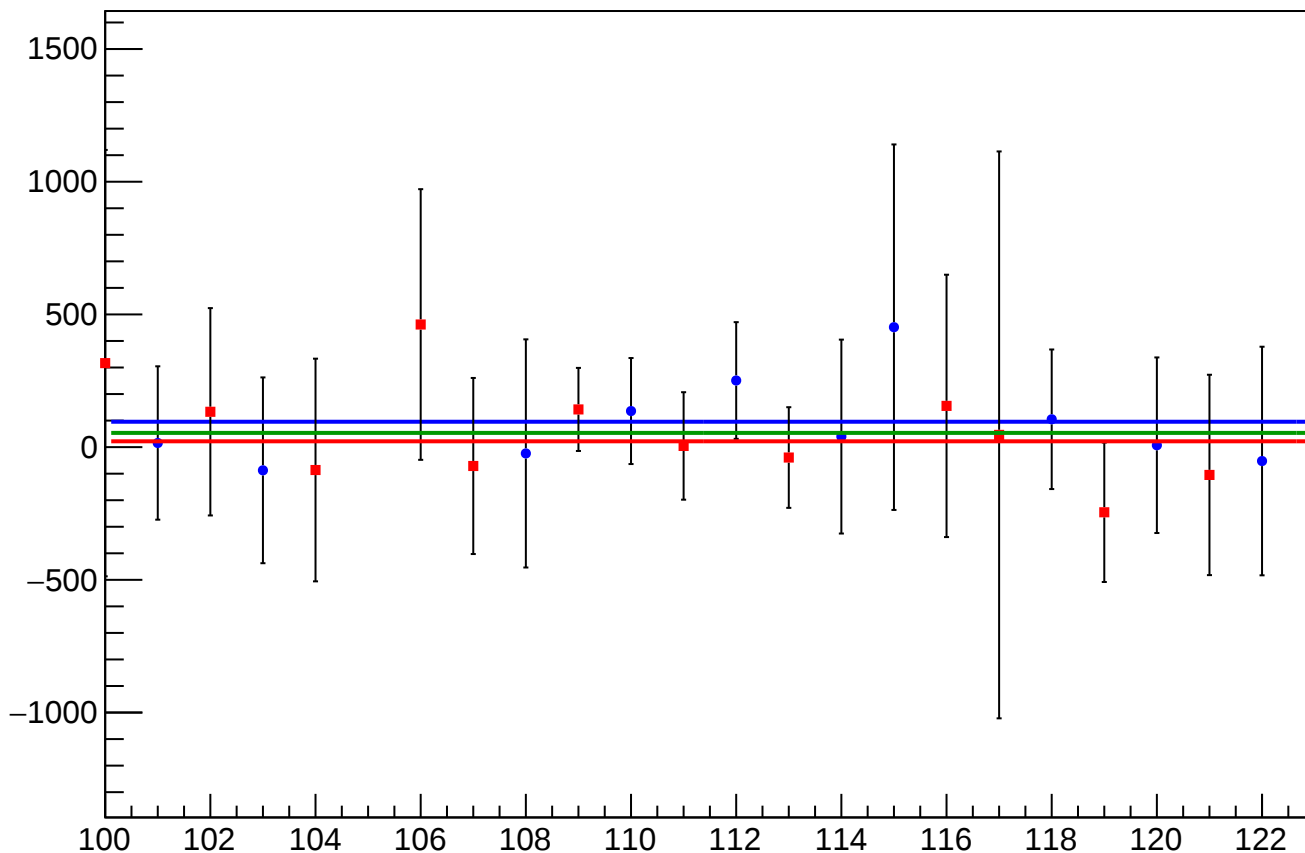
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.723+/-0.008 χ^2/NDF : 12574.8/10

22.720+/-0.006 χ^2/NDF : 23734.2/22

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: 95.684+/-95.195 χ^2/NDF : 1.5/10

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

Right Out: 21.942+/-82.694 χ^2/NDF : 3.0/11

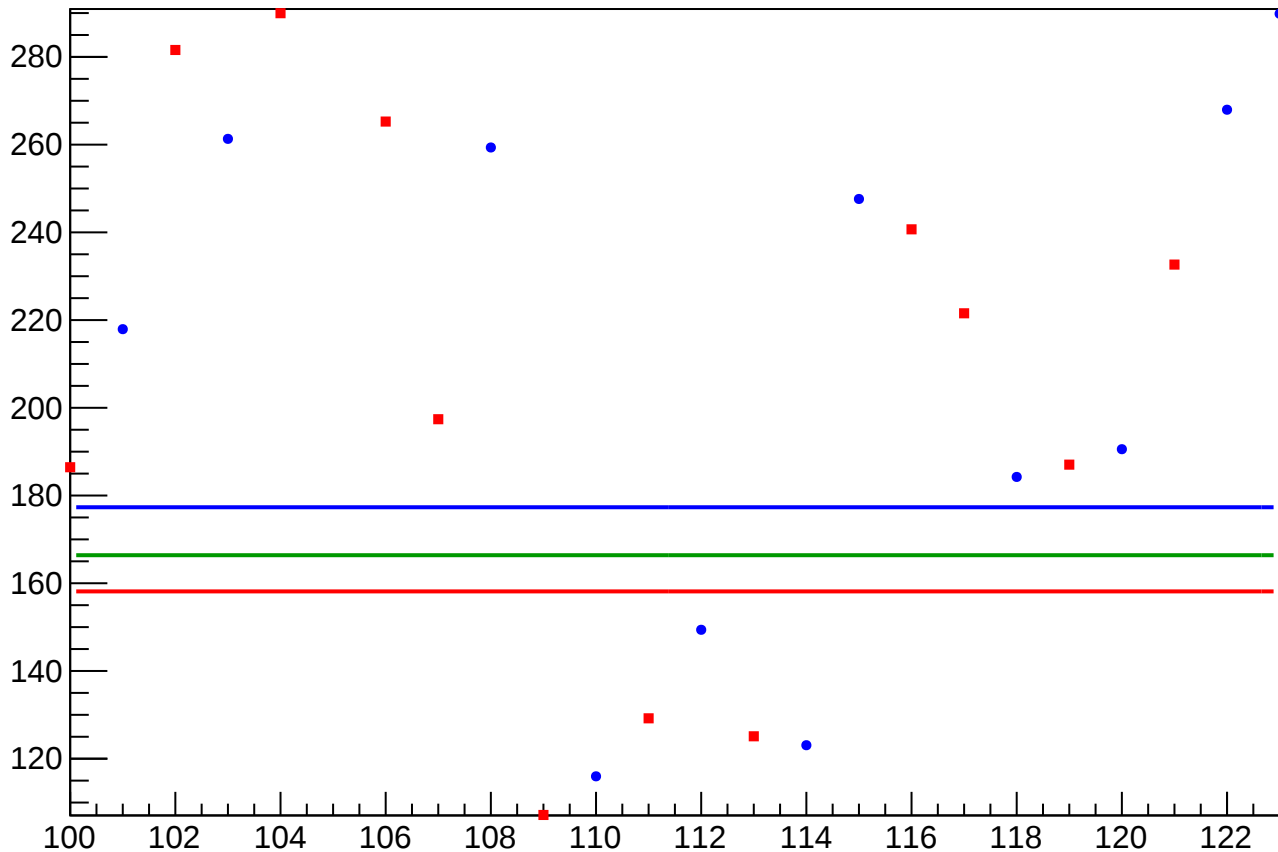
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.684+/-95.195 χ^2/NDF : 1.5/10

53.657+/-62.429 χ^2/NDF : 4.8/22

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: 177.327+/-0.067 χ^2/NDF : 617599.3/10

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

Right Out: 158.142+/-0.058 χ^2/NDF : 994662.4/11

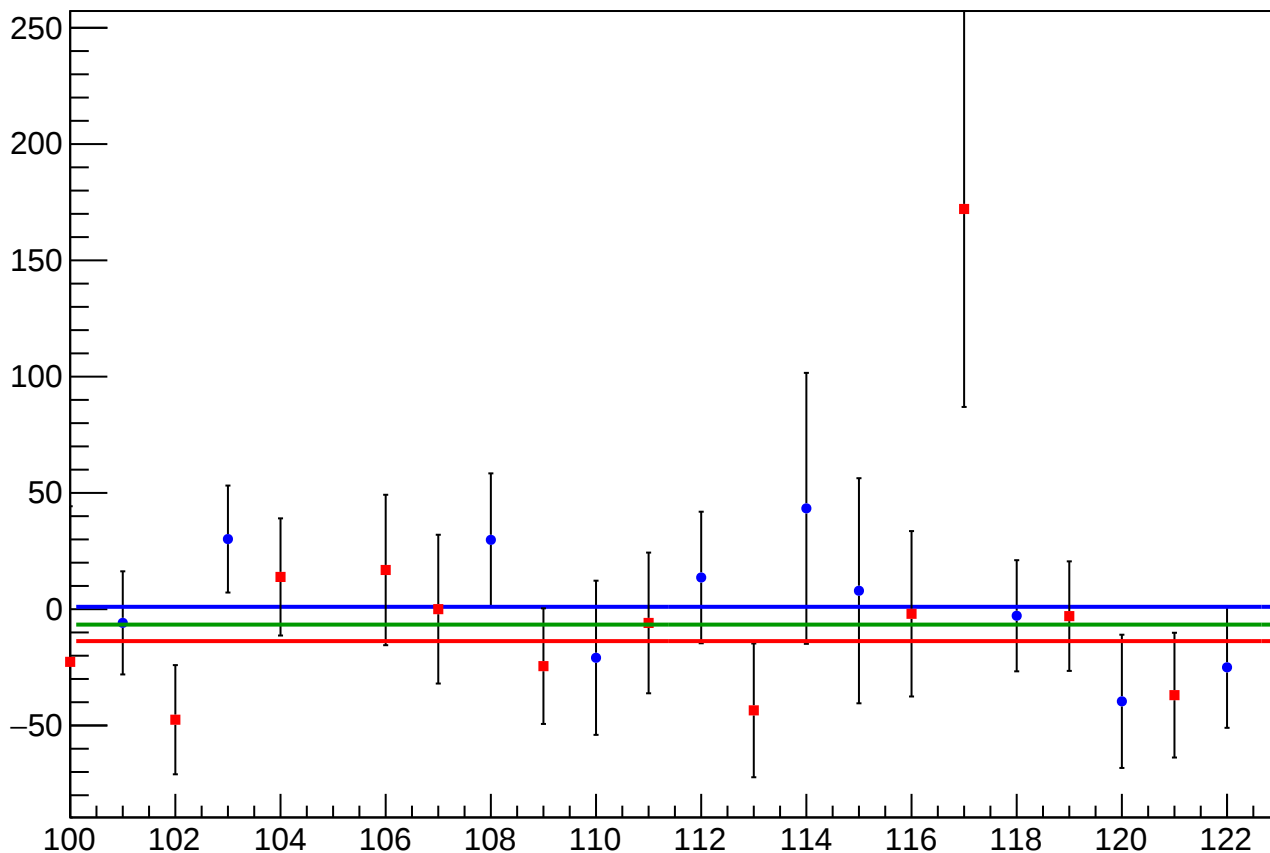
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.327+/-0.067 χ^2/NDF : 617599.3/10

166.393+/-0.044 χ^2/NDF : 1658559.3/22

158.142+/-0.058 χ^2/NDF : 994662.4/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.025 $\pm$ 8.905 χ^2/NDF : 7.3/10

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

Right Out: -13.724 $\pm$ 8.579 χ^2/NDF : 11.5/11

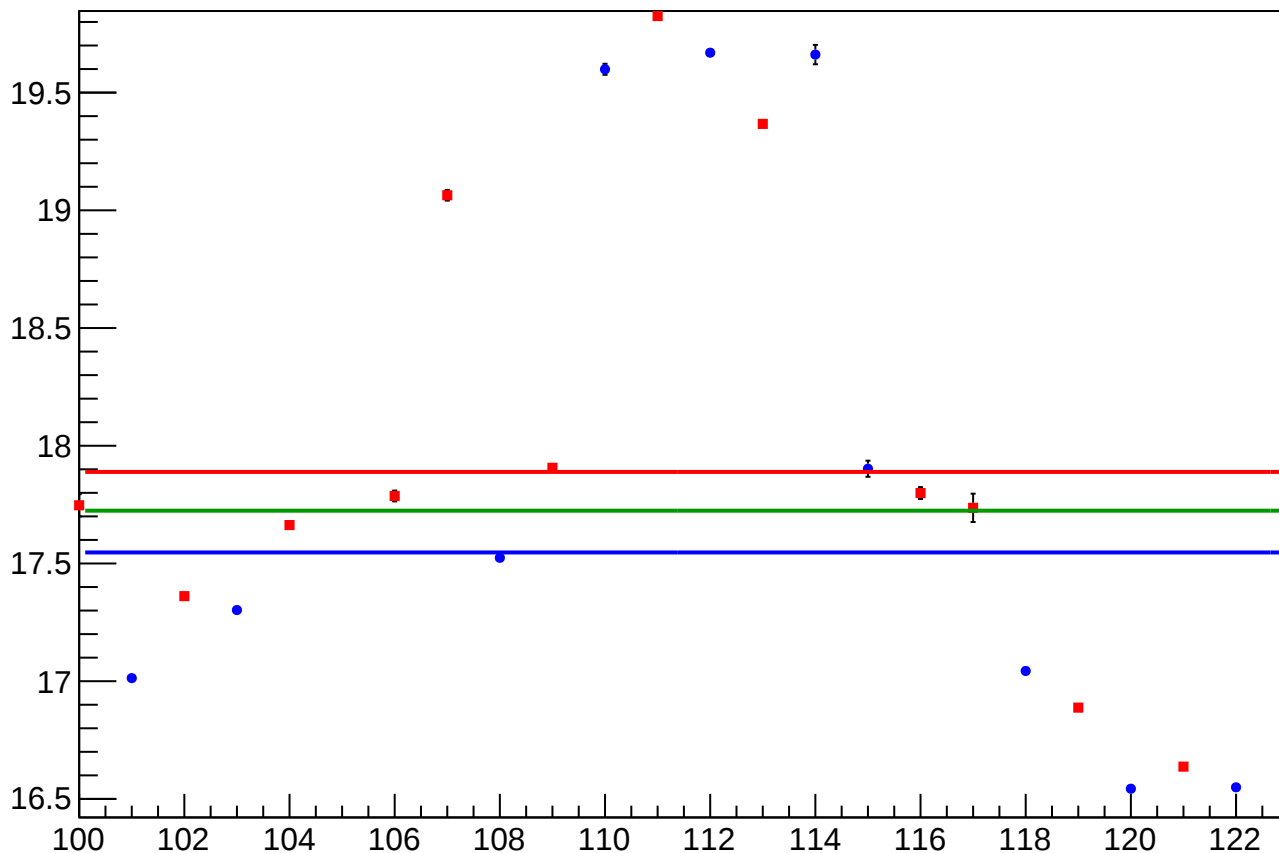
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.025 $\pm$ 8.905 χ^2/NDF : 7.3/10

-6.625 $\pm$ 6.178 χ^2/NDF : 20.3/22

-13.724 $\pm$ 8.579 χ^2/NDF : 11.5/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.547+/-0.006 χ^2/NDF : 29644.9/10

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

Right Out: 17.889+/-0.006 χ^2/NDF : 25363.3/11

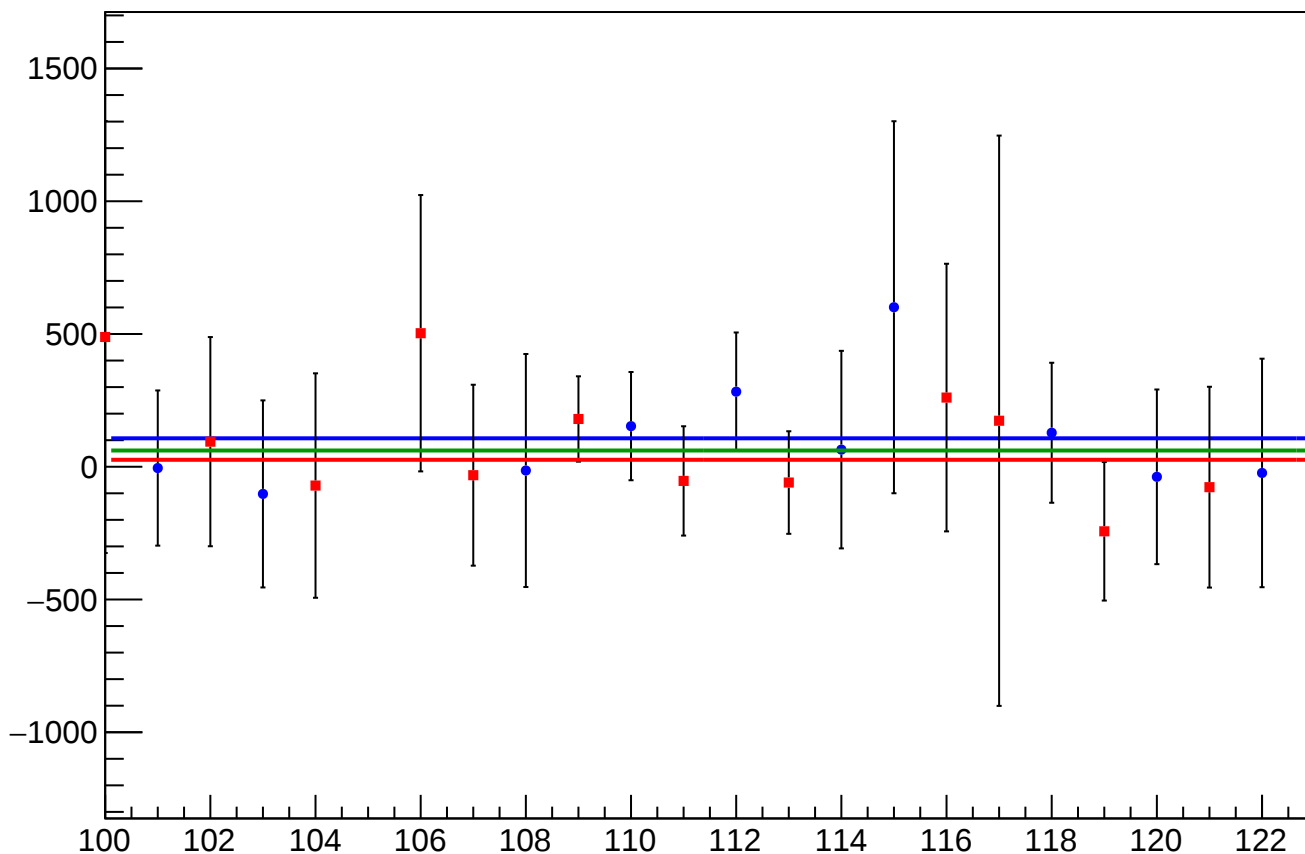
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.547+/-0.006 χ^2/NDF : 29644.9/10

17.724+/-0.004 χ^2/NDF : 56539.0/22

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: 107.112 $\pm$ 96.287 χ^2 /NDF: 2.1/10

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

Right Out: 26.237 $\pm$ 84.077 χ^2 /NDF: 3.9/11

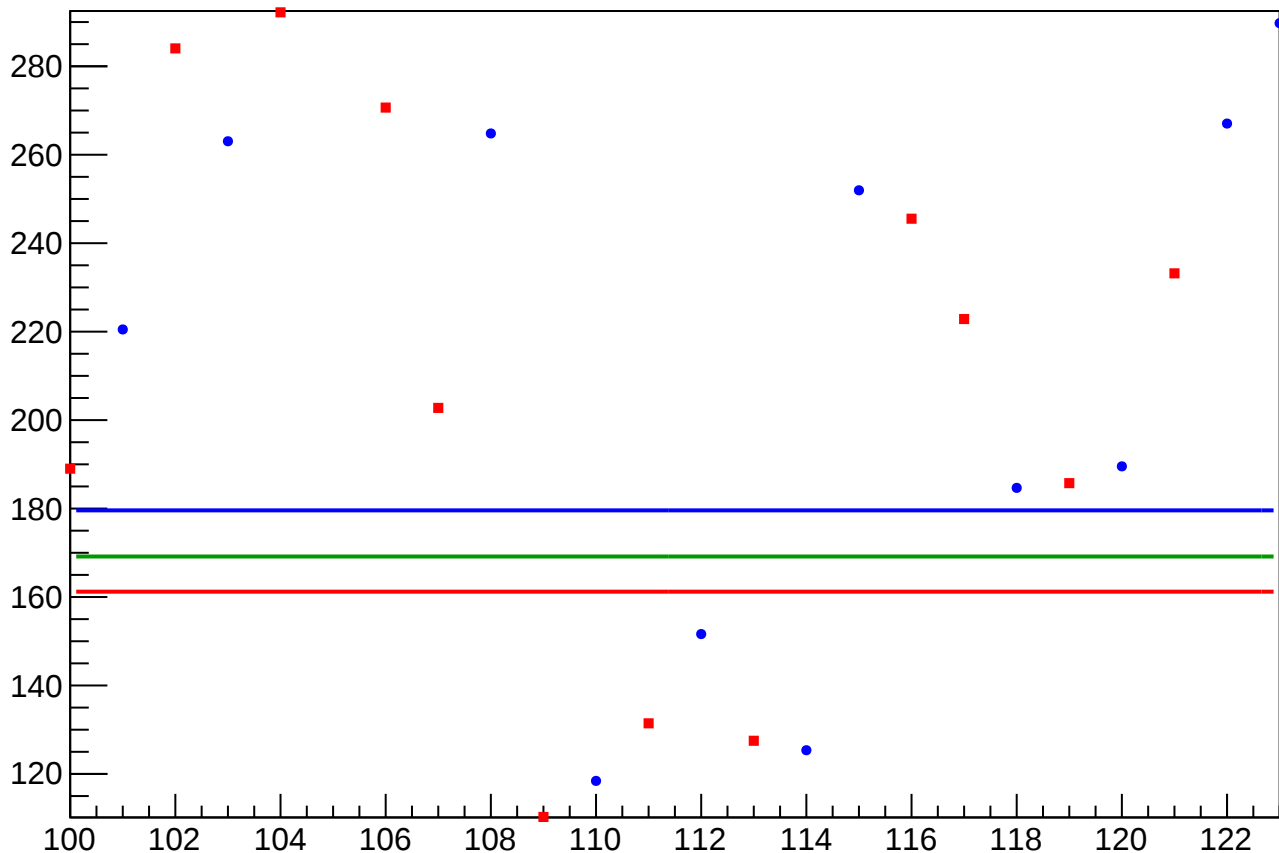
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.112 $\pm$ 96.287 χ^2 /NDF: 2.1/10

61.224 $\pm$ 63.331 χ^2 /NDF: 6.4/22

26.237 $\pm$ 84.077 χ^2 /NDF: 3.9/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.592 $\pm$ 0.068 χ^2 /NDF: 597935.0/10

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

Right Out: 161.210 $\pm$ 0.059 χ^2 /NDF: 963392.8/11

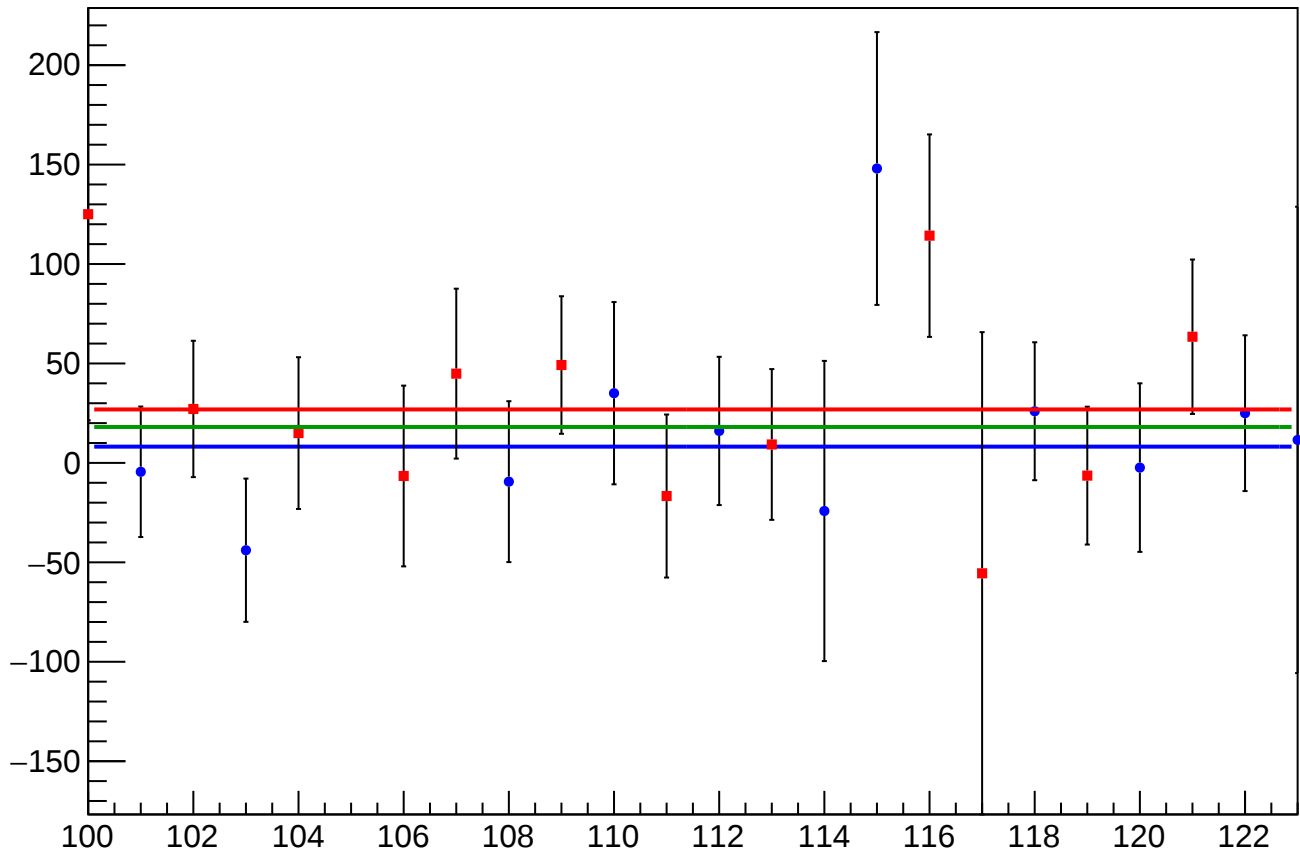
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

179.592 $\pm$ 0.068 χ^2 /NDF: 597935.0/10

169.162 $\pm$ 0.045 χ^2 /NDF: 1602685.2/22

161.210 $\pm$ 0.059 χ^2 /NDF: 963392.8/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.176+/-12.902 χ^2 /NDF: 7.7/10

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

Right Out: 26.880+/-12.180 χ^2 /NDF: 8.7/11

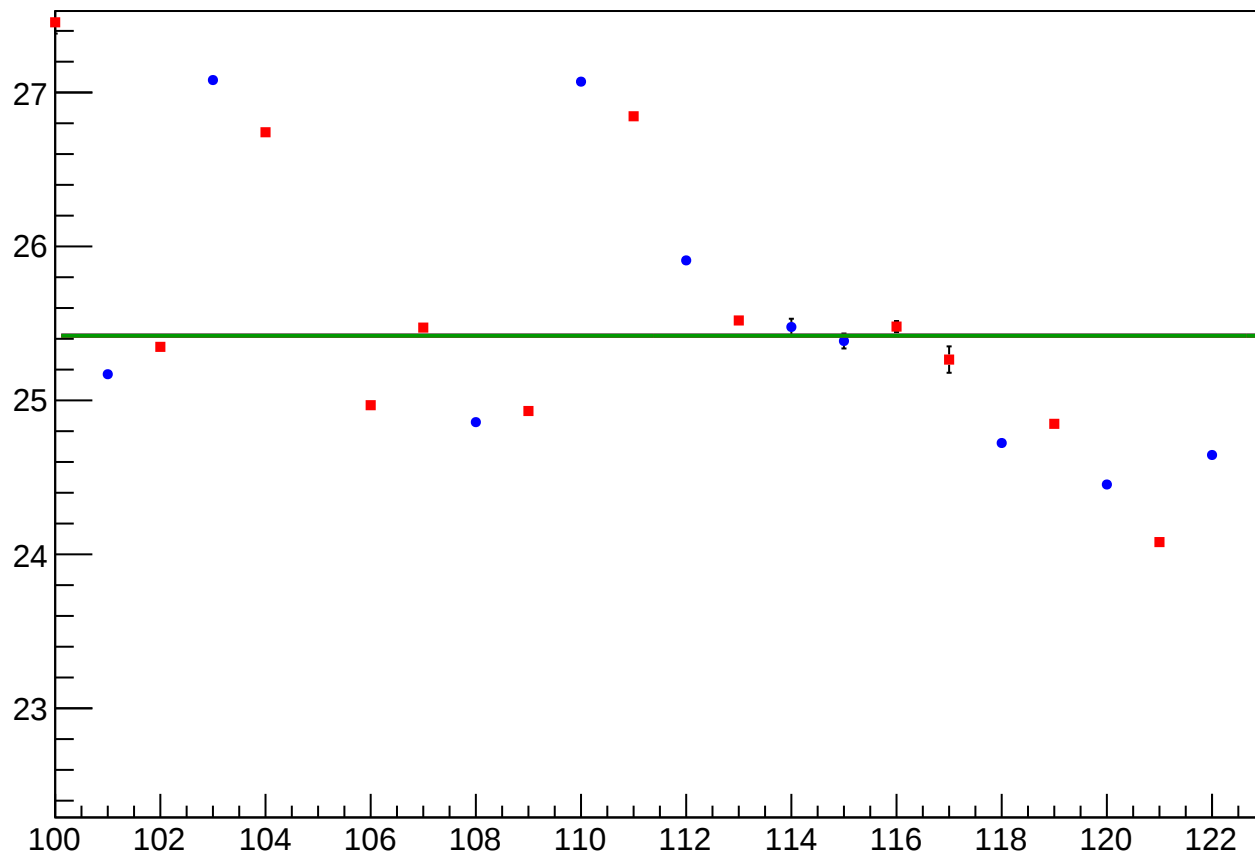
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

8.176+/-12.902 χ^2 /NDF: 7.7/10

18.066+/-8.857 χ^2 /NDF: 17.5/22

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: 25.420 $\pm$ 0.009 χ^2 /NDF: 11674.8/10

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

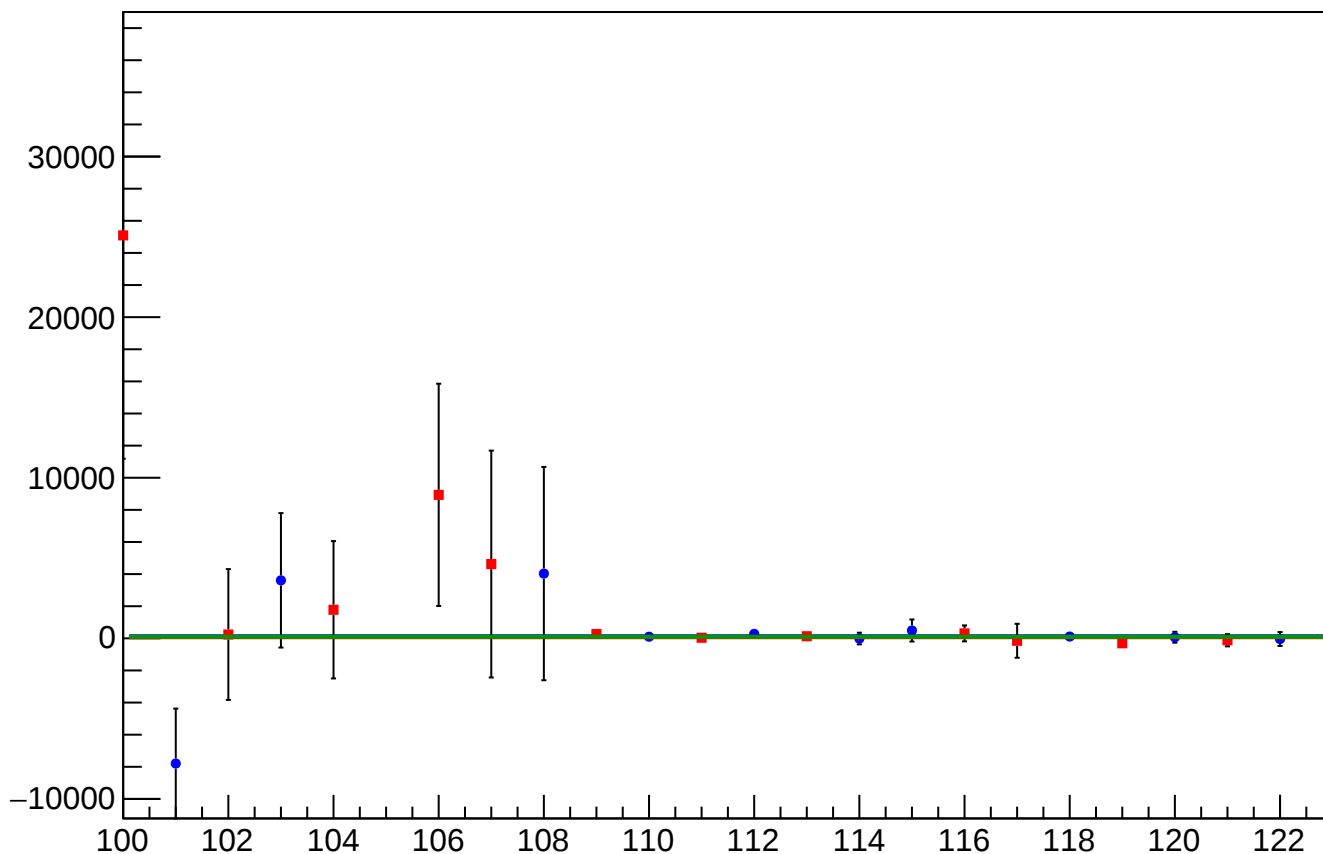
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.420 $\pm$ 0.009 χ^2 /NDF: 11674.8/10

25.420 $\pm$ 0.006 χ^2 /NDF: 20823.0/22

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: 128.103+/-109.059 χ^2/NDF : 7.5/10

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

Right Out: 70.059+/-100.279 χ^2/NDF : 8.9/11

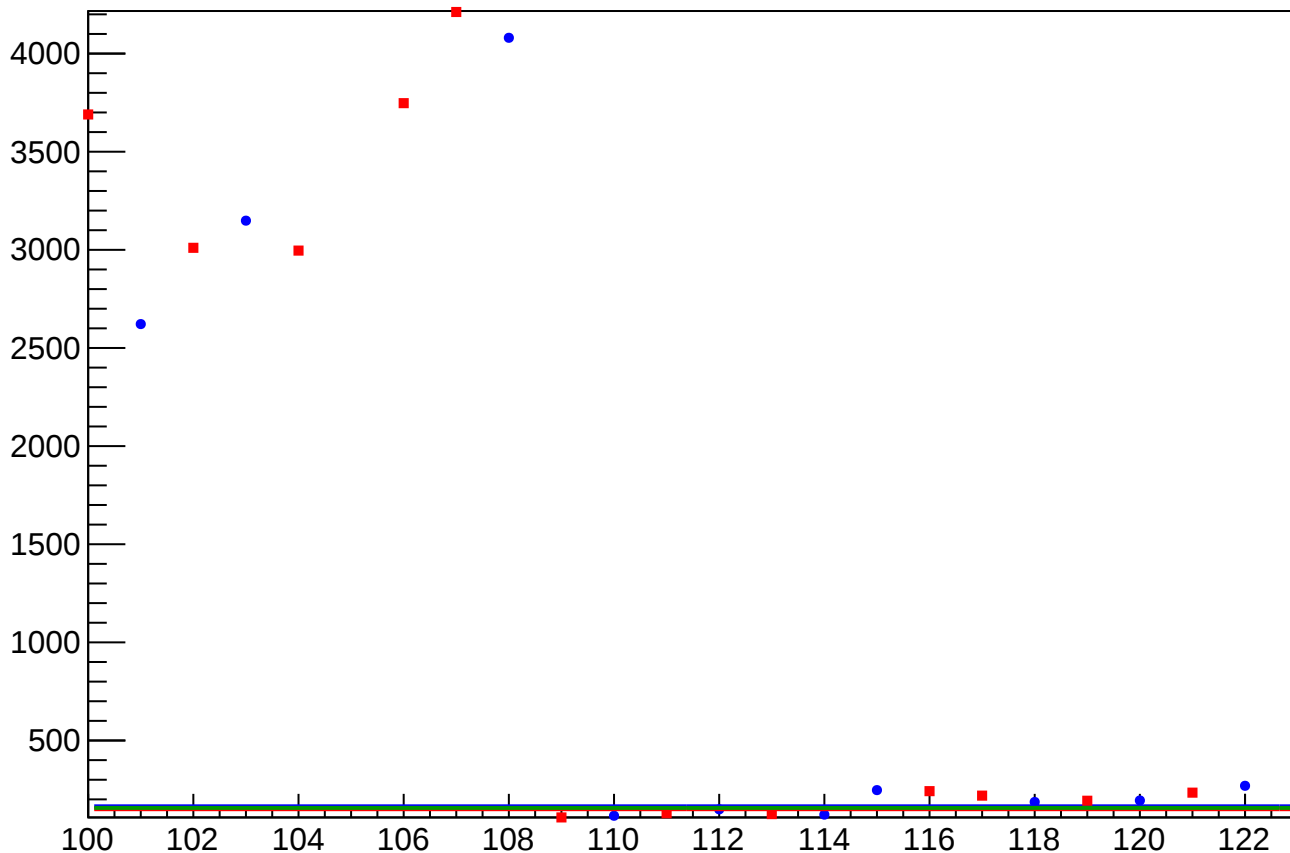
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.103+/-109.059 χ^2/NDF : 7.5/10

96.651+/-73.817 χ^2/NDF : 16.6/22

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: 164.603+/-0.077 χ^2/NDF : 3084332.9/10

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

Right Out: 150.007+/-0.071 χ^2/NDF : 3561598.5/11

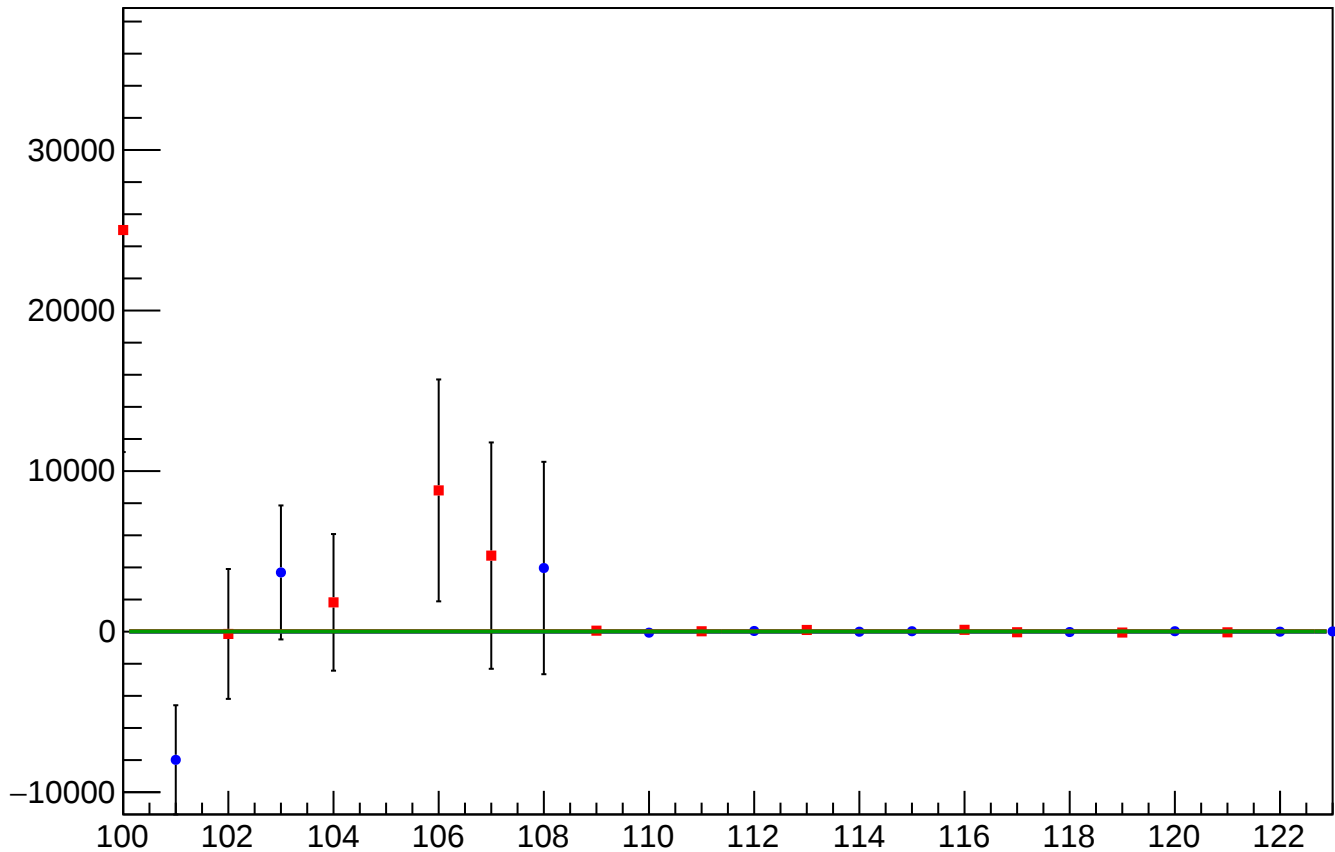
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.603+/-0.077 χ^2/NDF : 3084332.9/10

156.694+/-0.052 χ^2/NDF : 6665343.5/22

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: -1.347+/-17.837 χ^2/NDF : 10.6/10

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

Right Out: 25.510+/-17.987 χ^2/NDF : 18.9/11

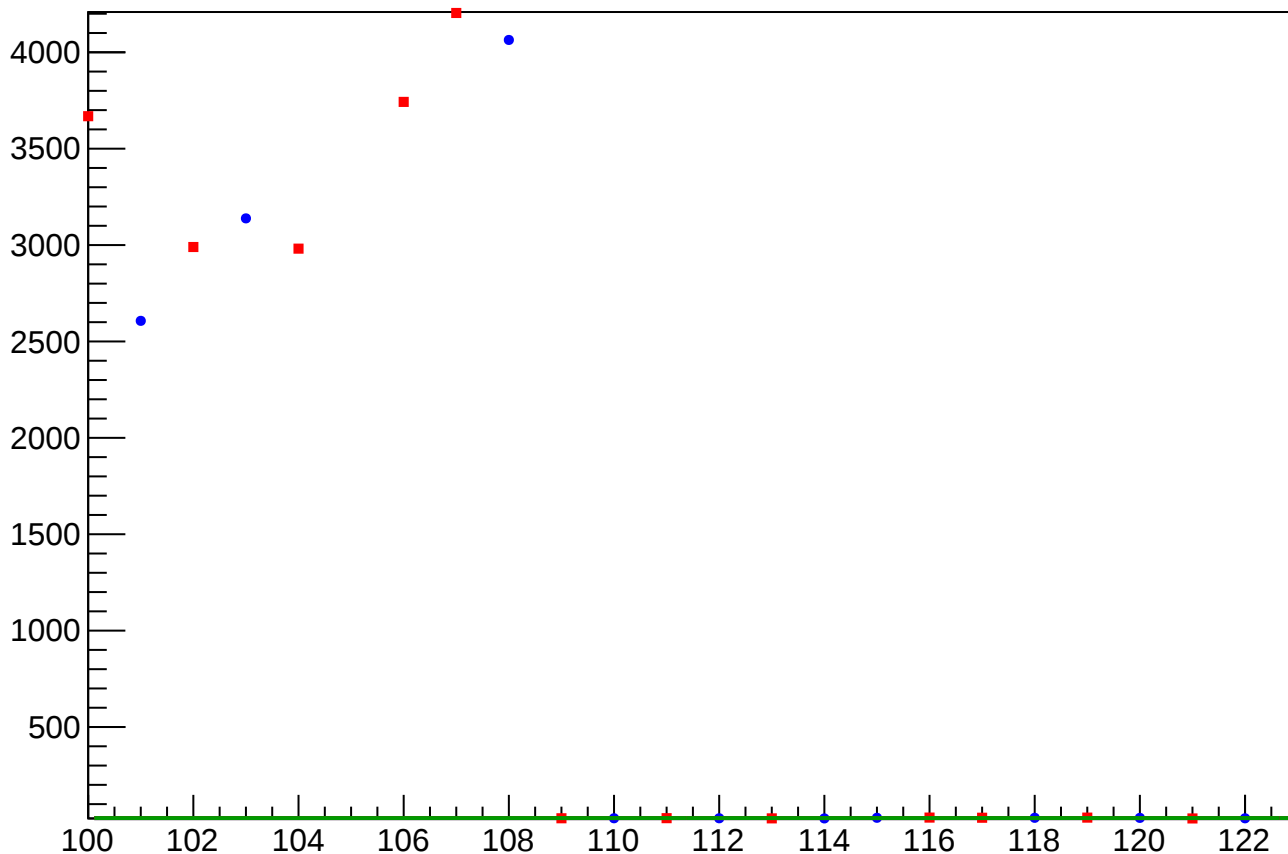
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.347+/-17.837 χ^2/NDF : 10.6/10

11.969+/-12.665 χ^2/NDF : 30.6/22

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: 27.557+/-0.013 χ^2 /NDF: 3015865.9/10

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

Right Out: 27.604+/-0.013 χ^2 /NDF: 3473486.0/11

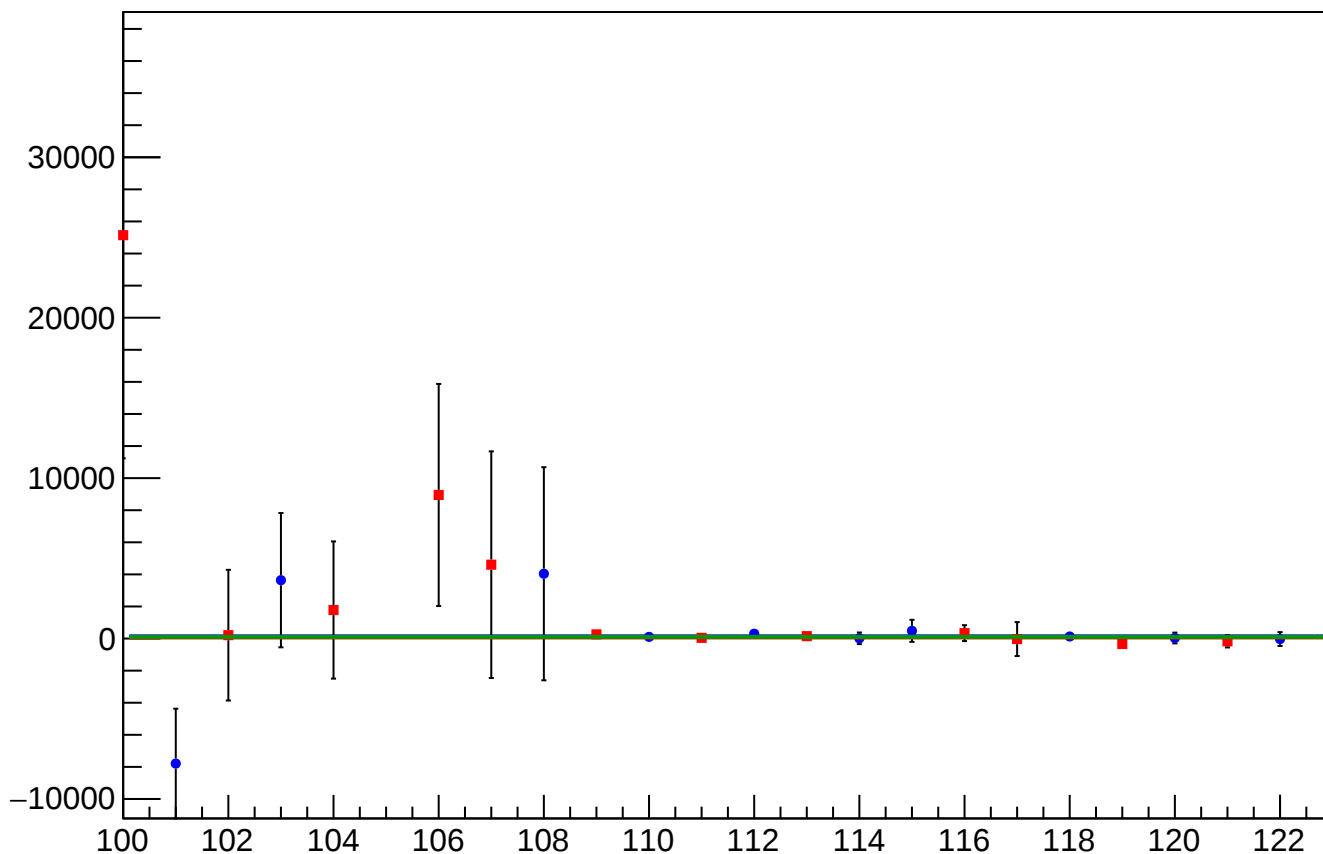
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.557+/-0.013 χ^2 /NDF: 3015865.9/10

27.580+/-0.009 χ^2 /NDF: 6489358.9/22

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: 137.760+/-108.620 χ^2/NDF : 7.6/10

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

Right Out: 69.975+/-99.833 χ^2/NDF : 9.4/11

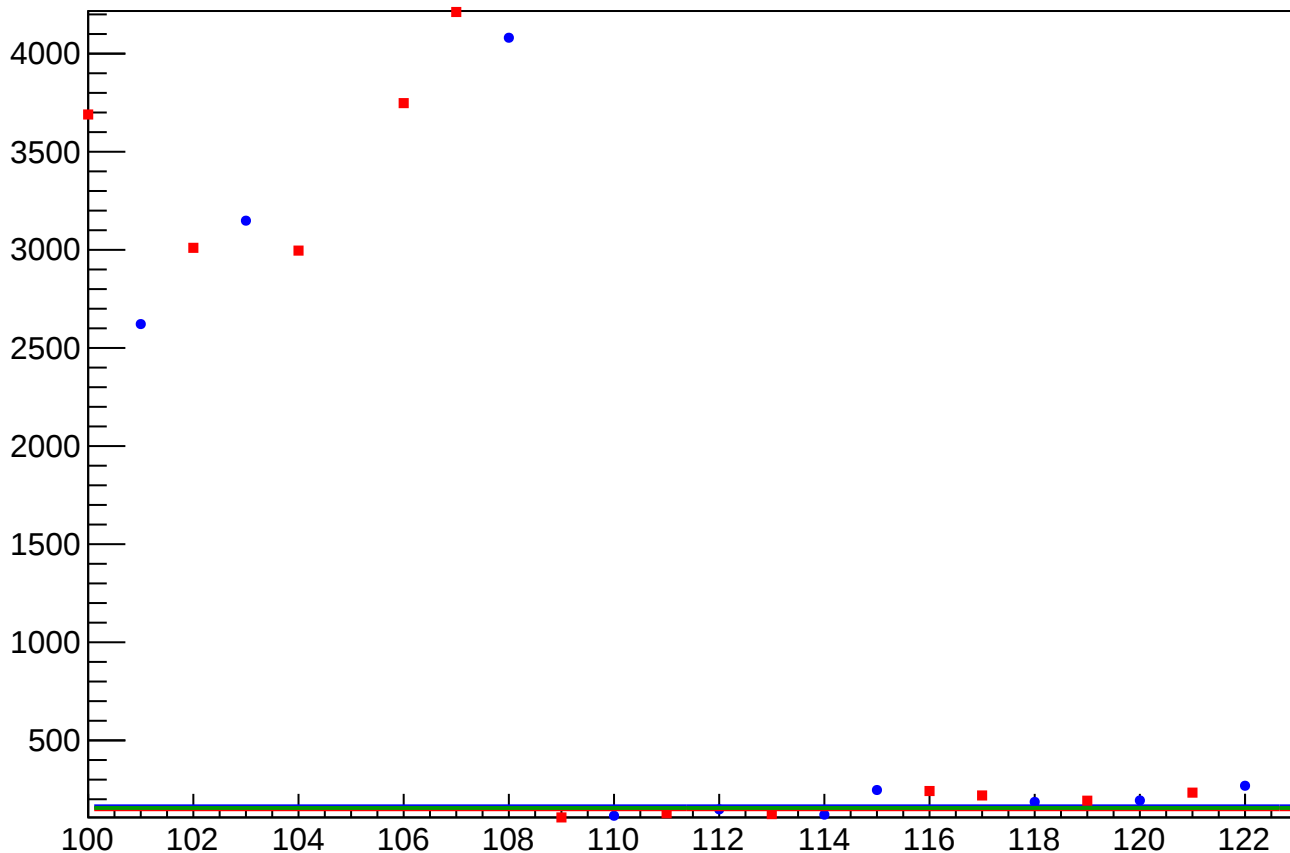
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.760+/-108.620 χ^2/NDF : 7.6/10

101.015+/-73.503 χ^2/NDF : 17.3/22

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: 163.844 $\pm$ 0.077 χ^2 /NDF: 3089708.4/10

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

Right Out: 149.240 $\pm$ 0.071 χ^2 /NDF: 3567245.7/11

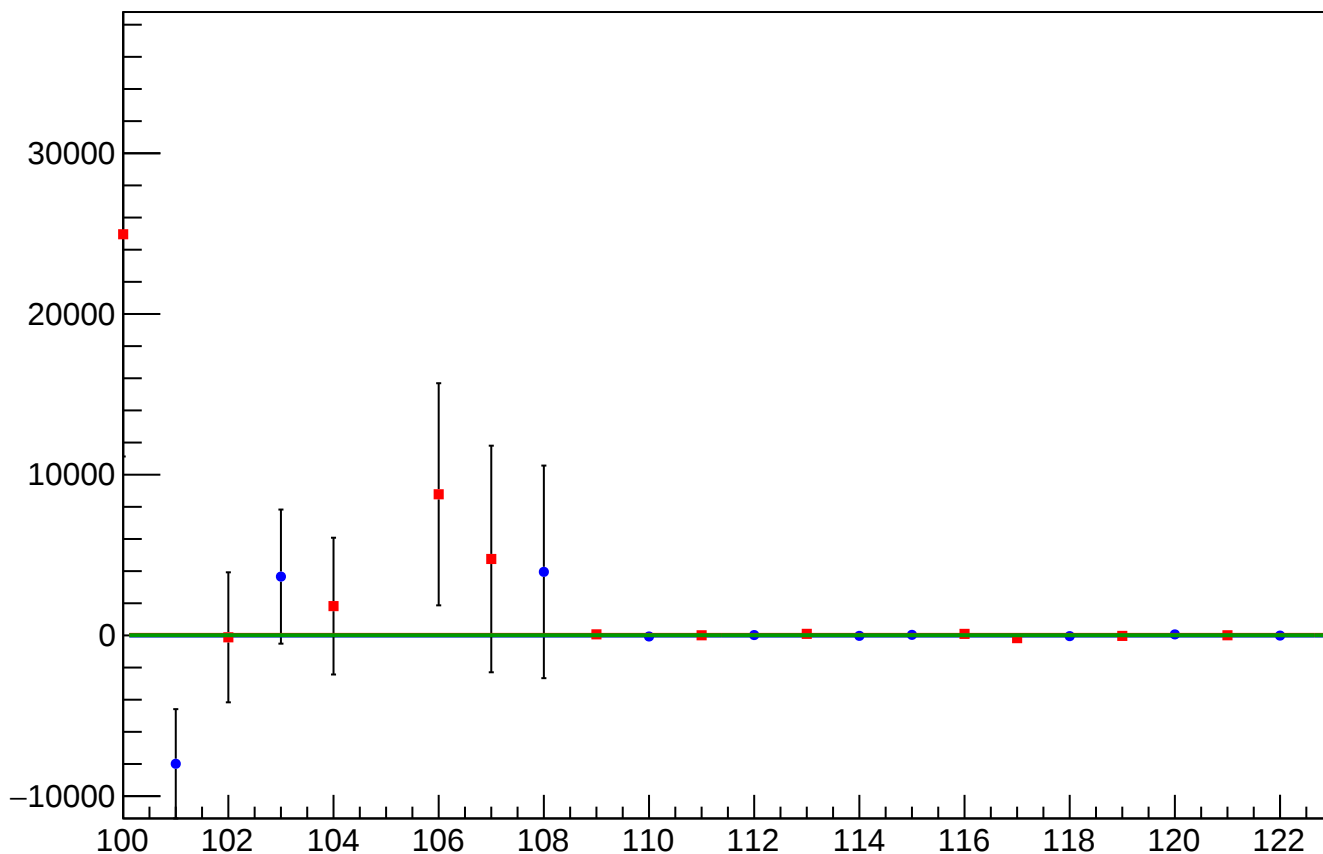
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

163.844 $\pm$ 0.077 χ^2 /NDF: 3089708.4/10

155.927 $\pm$ 0.052 χ^2 /NDF: 6676551.7/22

149.240 $\pm$ 0.071 χ^2 /NDF: 3567245.7/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.804+/-17.925 χ^2/NDF : 12.5/10

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

Right Out: 32.399+/-18.103 χ^2/NDF : 14.6/11

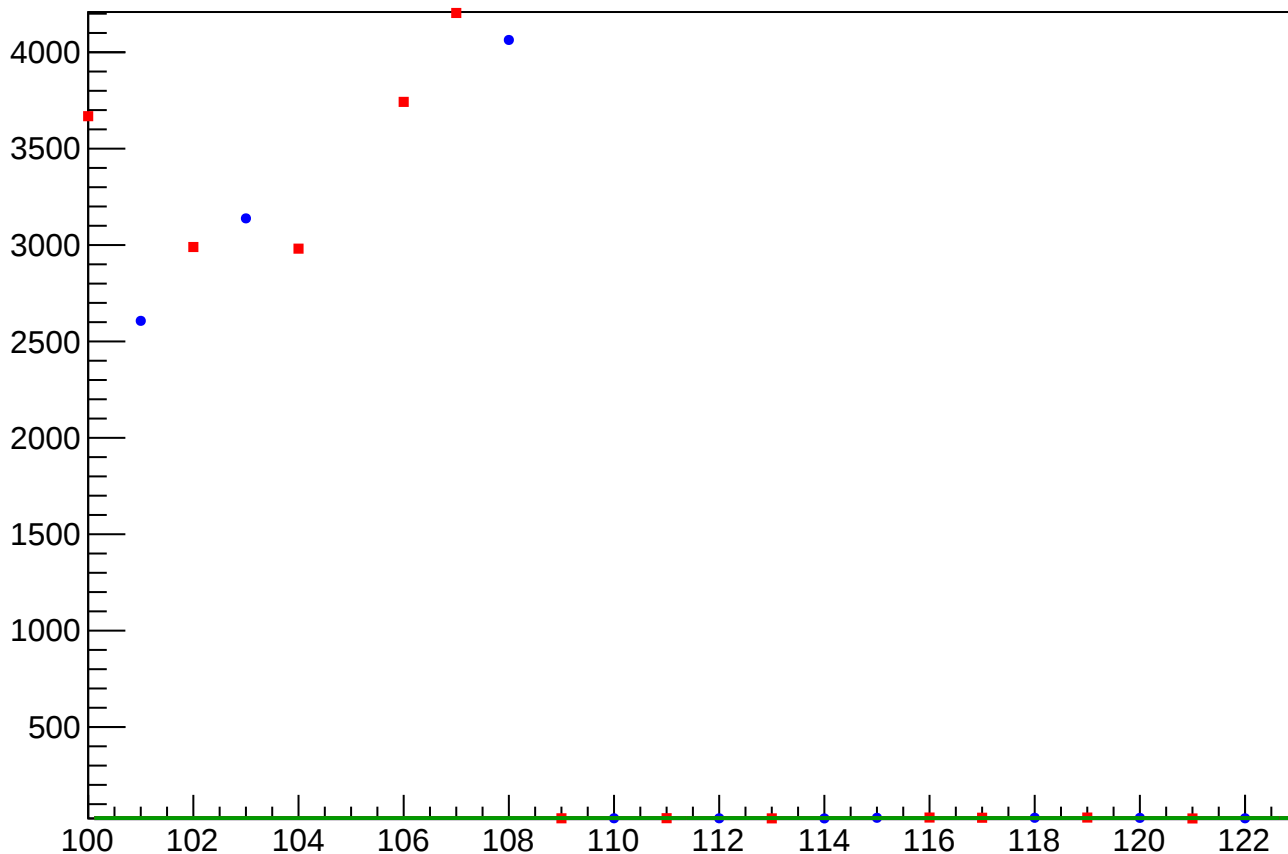
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.804+/-17.925 χ^2/NDF : 12.5/10

12.604+/-12.737 χ^2/NDF : 29.5/22

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: 27.690+/-0.013 χ^2 /NDF: 3016385.6/10

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

Right Out: 27.776+/-0.013 χ^2 /NDF: 3475474.6/11

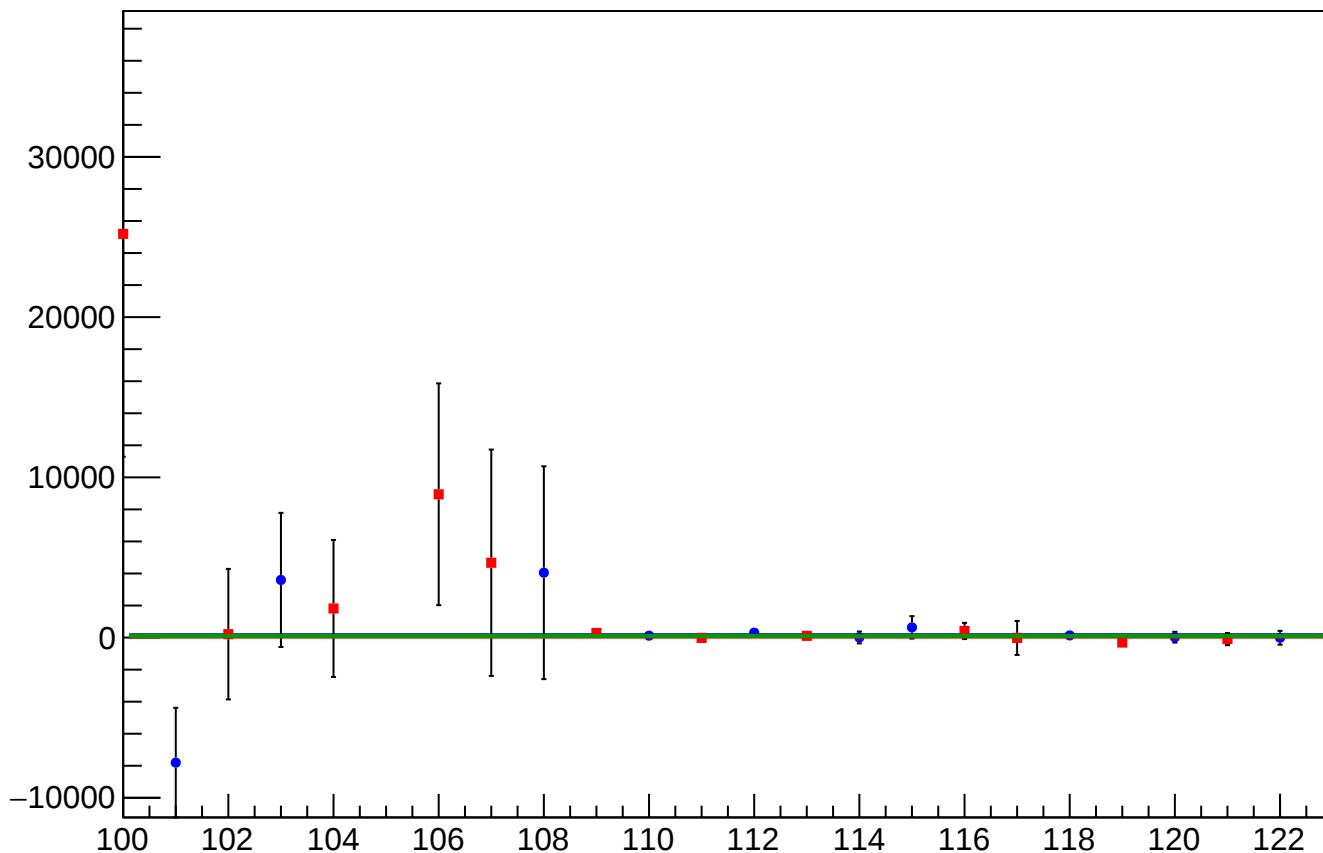
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.690+/-0.013 χ^2 /NDF: 3016385.6/10

27.732+/-0.009 χ^2 /NDF: 6491882.9/22

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: 147.103+/-110.144 χ^2/NDF : 7.9/10

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

Right Out: 58.518+/-101.525 χ^2/NDF : 9.3/11

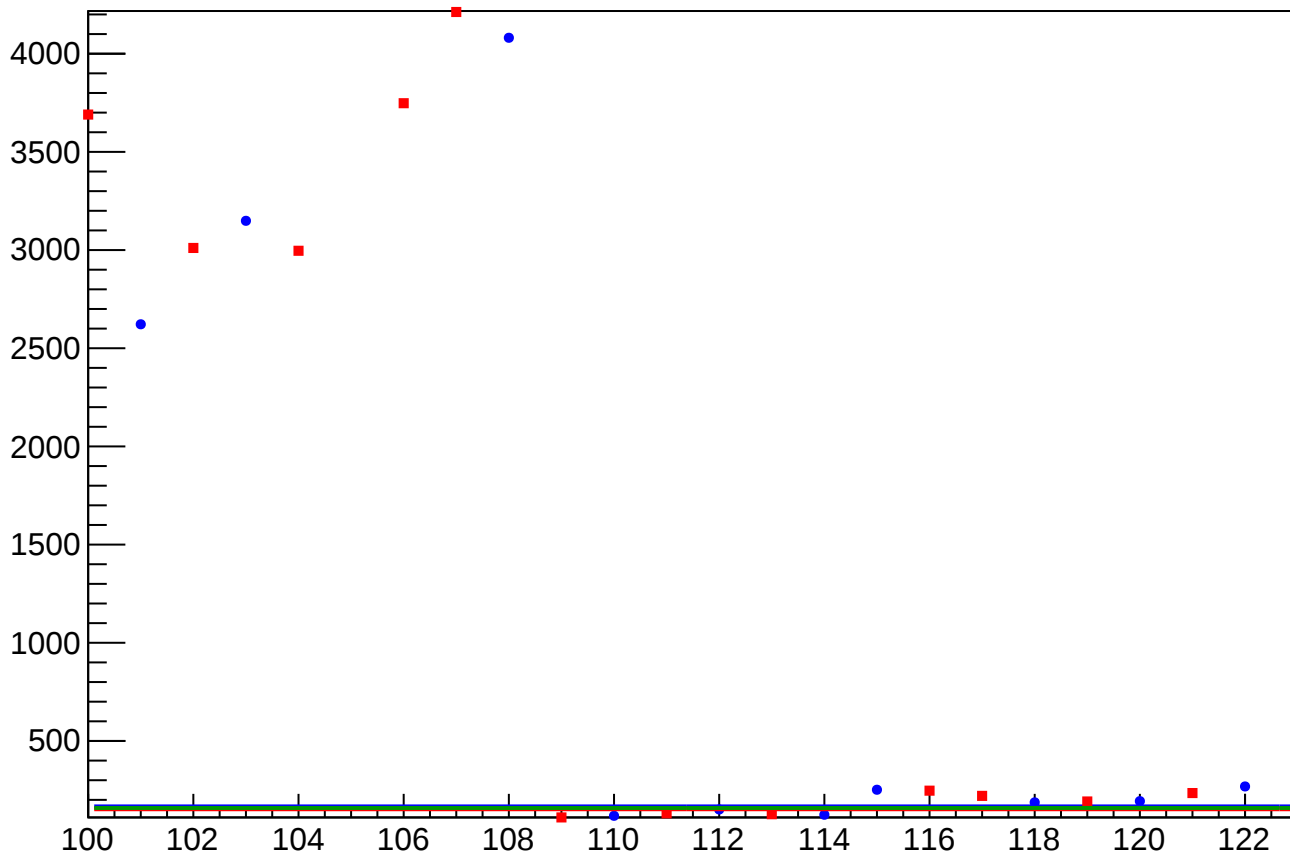
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.103+/-110.144 χ^2/NDF : 7.9/10

99.209+/-74.650 χ^2/NDF : 17.5/22

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: 166.565+/-0.078 χ^2/NDF : 3063545.2/10

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

Right Out: 152.286+/-0.072 χ^2/NDF : 3541665.7/11

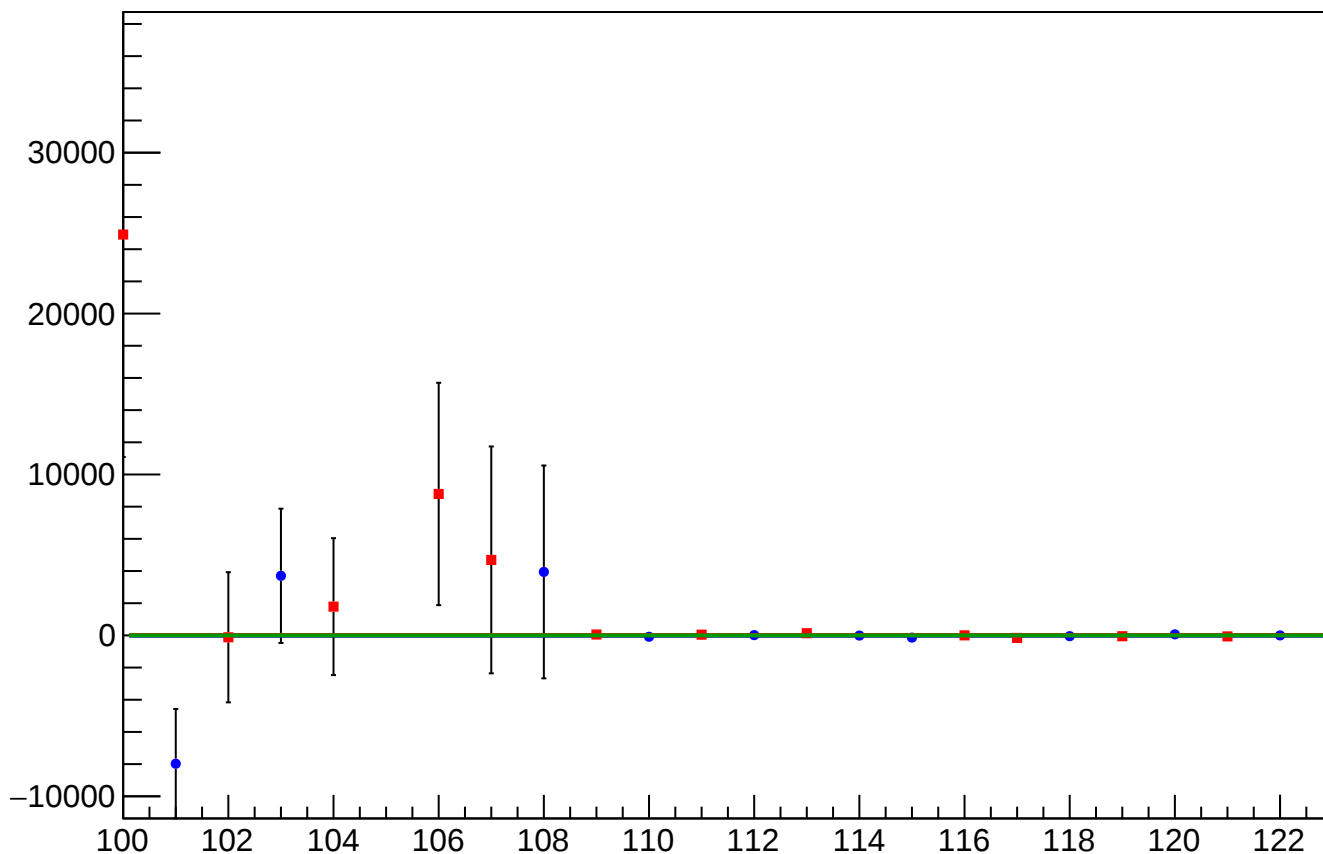
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

166.565+/-0.078 χ^2/NDF : 3063545.2/10

158.845+/-0.053 χ^2/NDF : 6623385.5/22

152.286+/-0.072 χ^2/NDF : 3541665.7/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -20.083 $\pm$ 21.880 χ^2 /NDF: 12.7/10

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

Right Out: 18.269 $\pm$ 21.980 χ^2 /NDF: 17.7/11

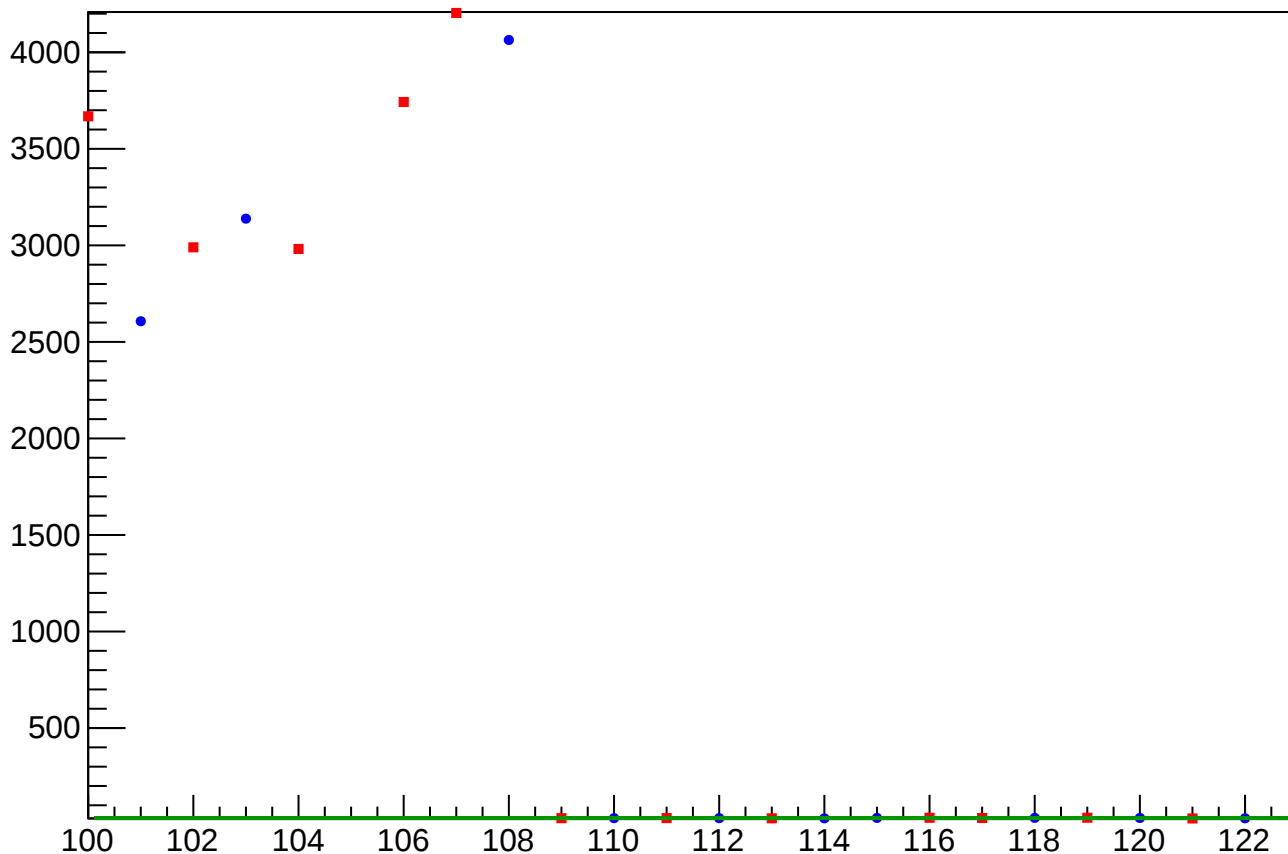
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-20.083 $\pm$ 21.880 χ^2 /NDF: 12.7/10

-0.995 $\pm$ 15.507 χ^2 /NDF: 32.0/22

18.269 $\pm$ 21.980 χ^2 /NDF: 17.7/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.820+/-0.015 χ^2 /NDF: 2998000.4/10

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

Right Out: 33.831+/-0.016 χ^2 /NDF: 3449874.7/11

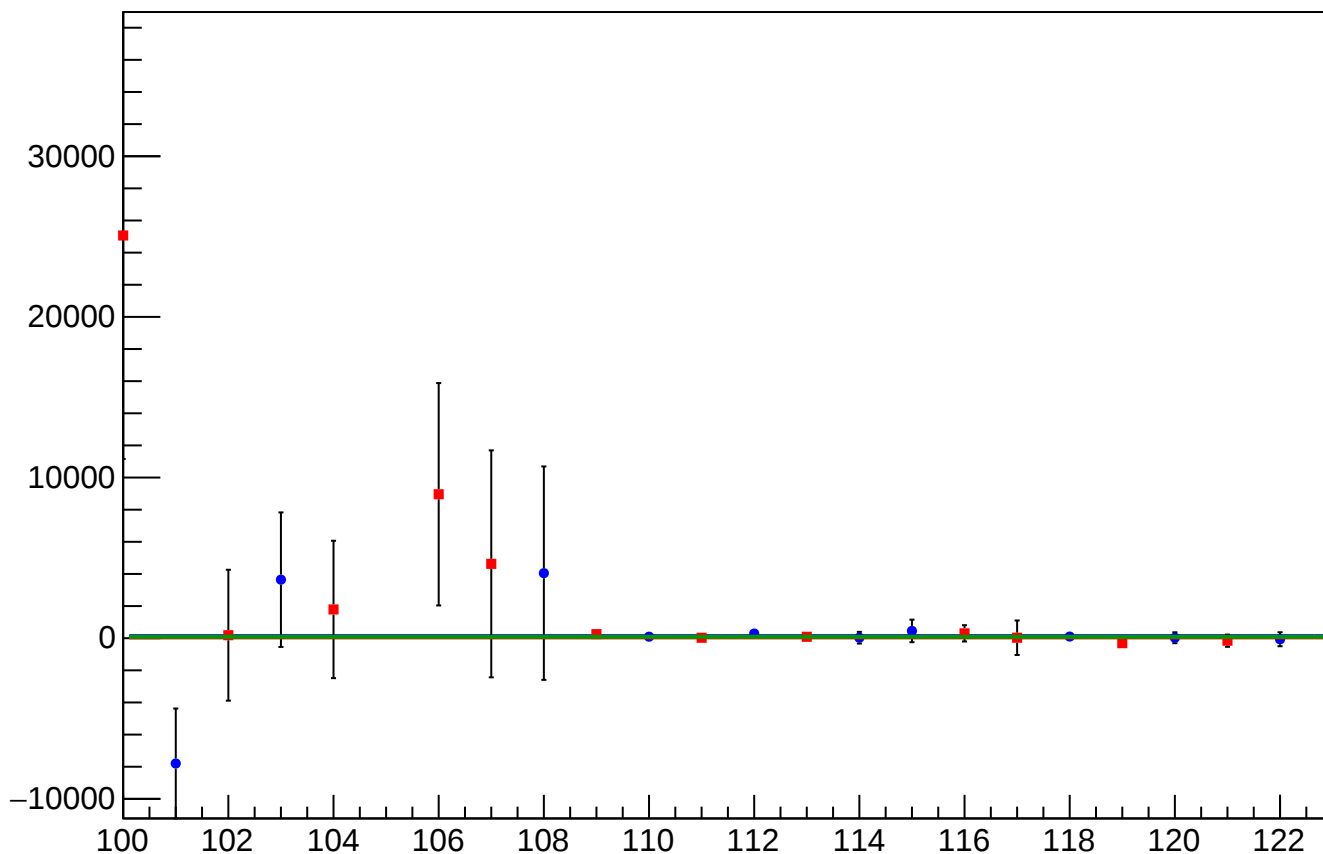
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

33.820+/-0.015 χ^2 /NDF: 2998000.4/10

33.825+/-0.011 χ^2 /NDF: 6447875.4/22

33.831+/-0.016 χ^2 /NDF: 3449874.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 126.059+/-109.479 χ^2 /NDF: 7.6/10

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

Right Out: 51.291+/-100.702 χ^2 /NDF: 8.7/11

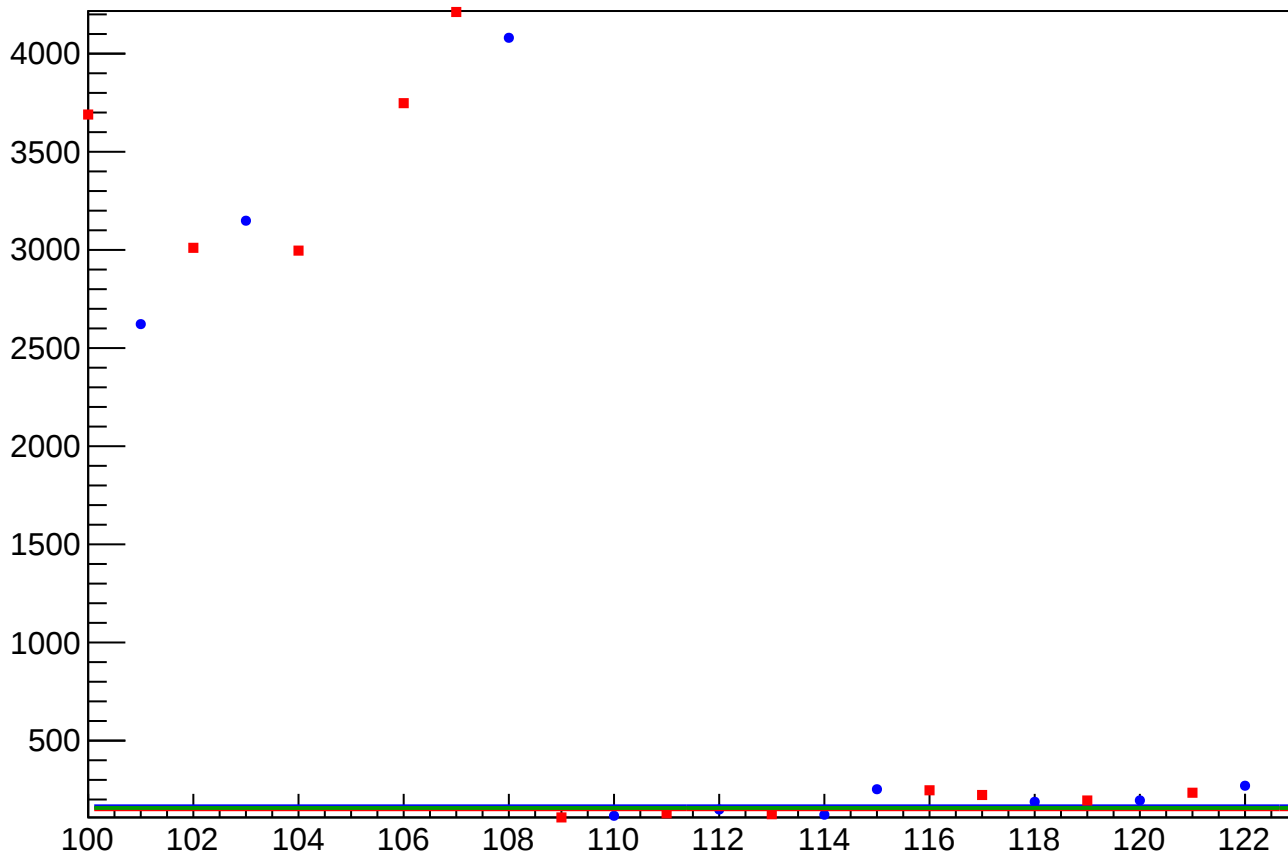
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

126.059+/-109.479 χ^2 /NDF: 7.6/10

85.558+/-74.116 χ^2 /NDF: 16.5/22

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: 165.207+/-0.077 χ^2/NDF : 3087175.6/10

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

Right Out: 150.604+/-0.071 χ^2/NDF : 3566469.7/11

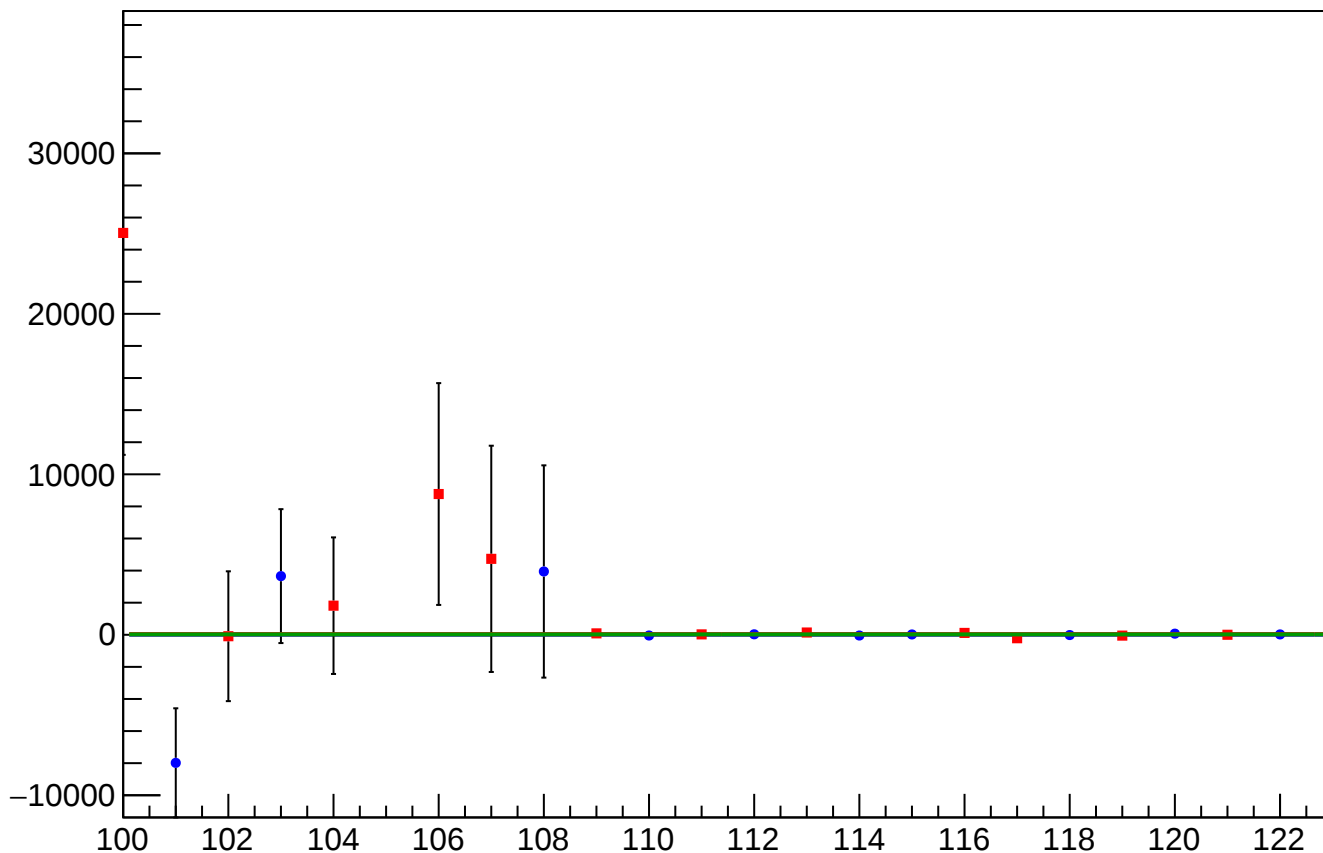
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

165.207+/-0.077 χ^2/NDF : 3087175.6/10

157.297+/-0.052 χ^2/NDF : 6672919.0/22

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: 7.702 $\pm$ 20.081 χ^2 /NDF: 10.2/10

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

Right Out: 40.254 $\pm$ 20.243 χ^2 /NDF: 20.3/11

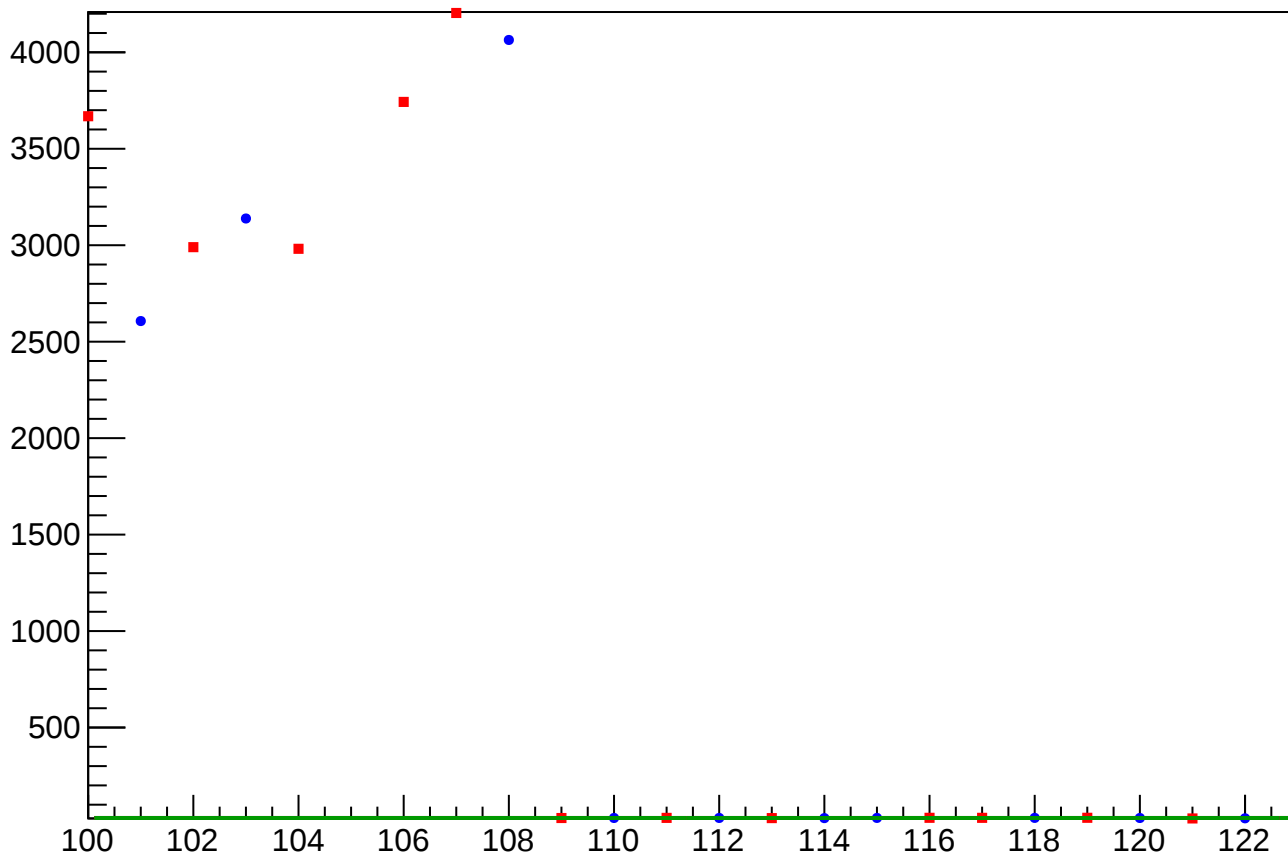
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.702 $\pm$ 20.081 χ^2 /NDF: 10.2/10

23.847 $\pm$ 14.256 χ^2 /NDF: 31.8/22

40.254 $\pm$ 20.243 χ^2 /NDF: 20.3/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.072+/-0.014 χ^2 /NDF: 3003539.5/10

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

Right Out: 31.135+/-0.014 χ^2 /NDF: 3454997.9/11

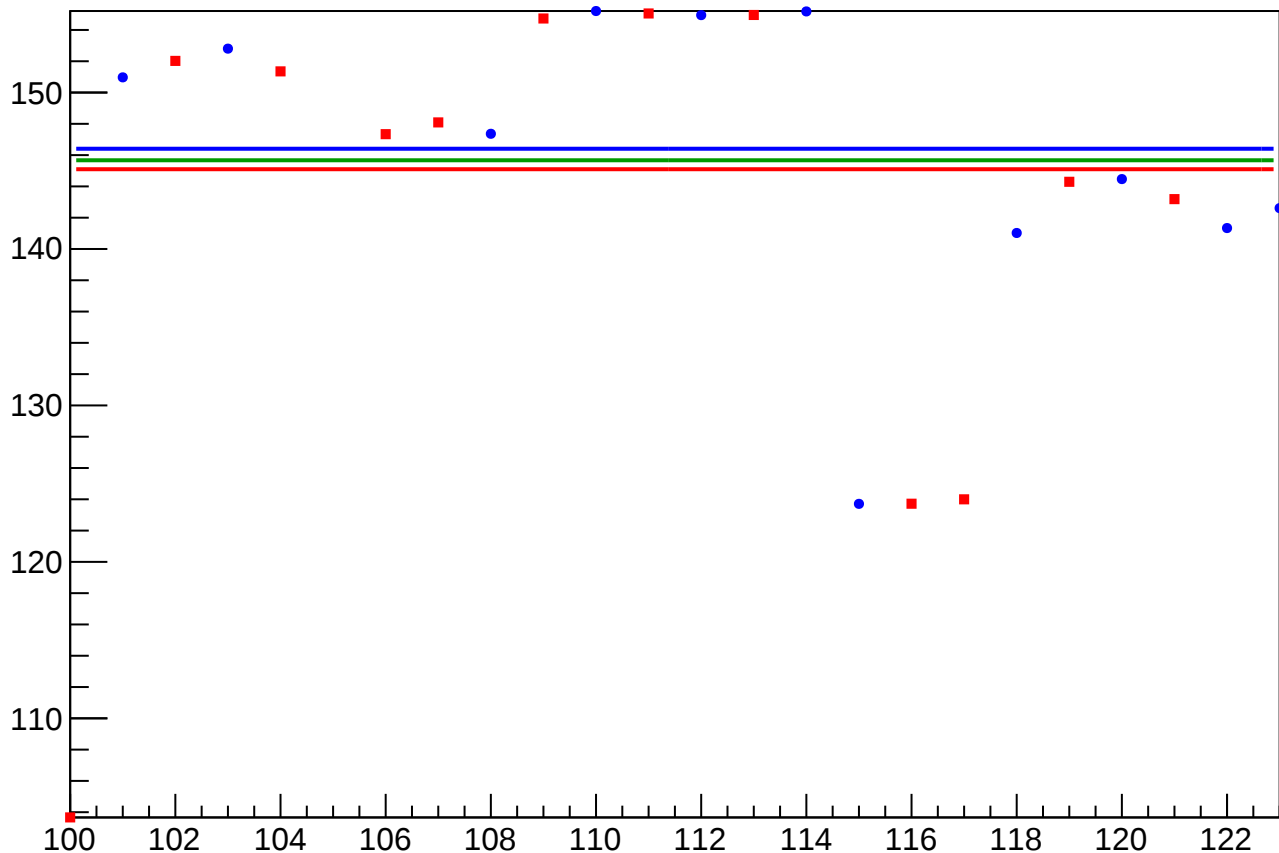
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

31.072+/-0.014 χ^2 /NDF: 3003539.5/10

31.103+/-0.010 χ^2 /NDF: 6458547.3/22

31.135+/-0.014 χ^2 /NDF: 3454997.9/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 146.408 $\pm$ 0.000 χ^2 /NDF: 1952405281.4/10

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

Right Out: 145.098 $\pm$ 0.000 χ^2 /NDF: 4240763792.5/11

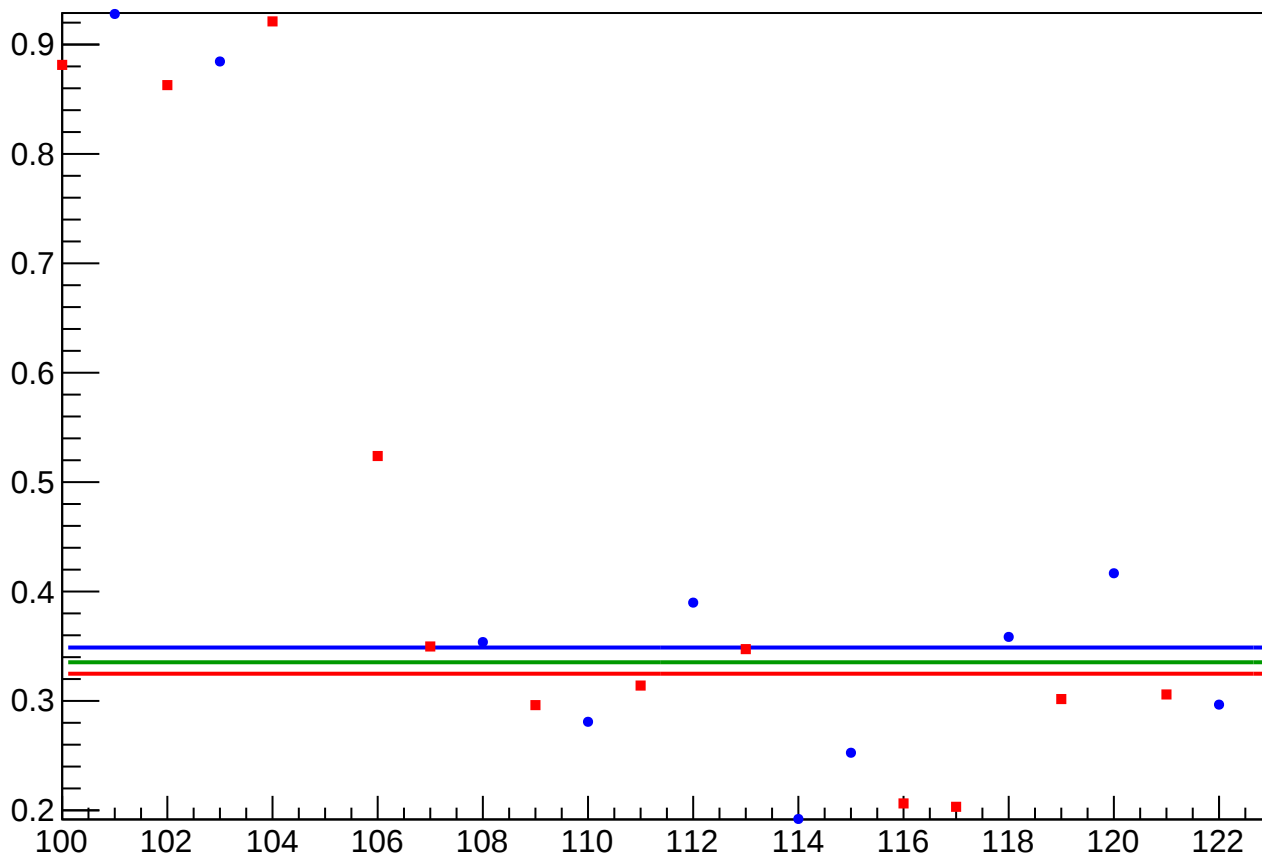
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

146.408 $\pm$ 0.000 χ^2 /NDF: 1952405281.4/10

145.671 $\pm$ 0.000 χ^2 /NDF: 6217082848.6/10

145.098 $\pm$ 0.000 χ^2 /NDF: 4240763792.5/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.349 $\pm$ 0.000 χ^2 /NDF: 1095818.9/10

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

Right Out: 0.325 $\pm$ 0.000 χ^2 /NDF: 1135162.1/11

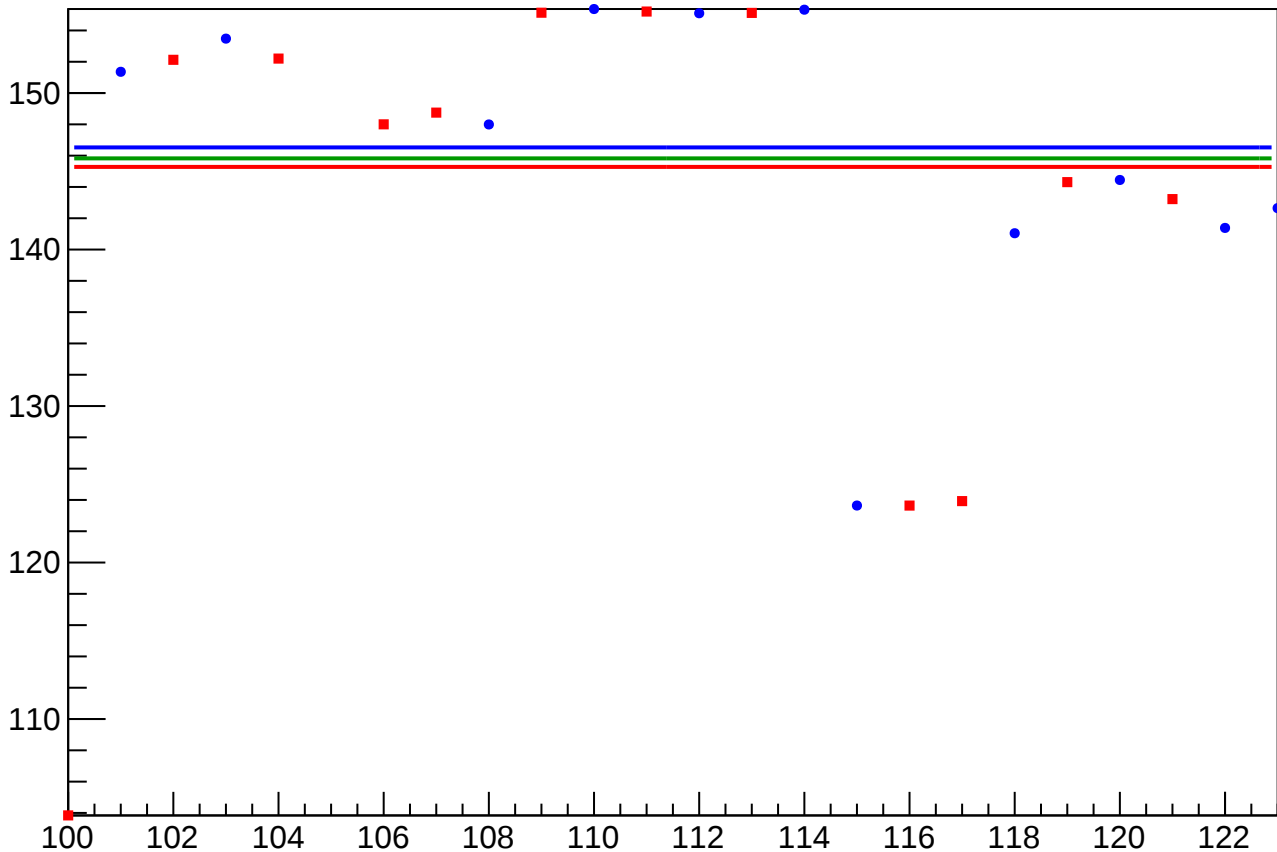
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.349 $\pm$ 0.000 χ^2 /NDF: 1095818.9/10

0.335 $\pm$ 0.000 χ^2 /NDF: 2246971.6/22

0.325 $\pm$ 0.000 χ^2 /NDF: 1135162.1/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 146.527+/-0.000 χ^2/NDF : 1966364068.0/10

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

Right Out: 145.281+/-0.000 χ^2/NDF : 4252619951.9/11

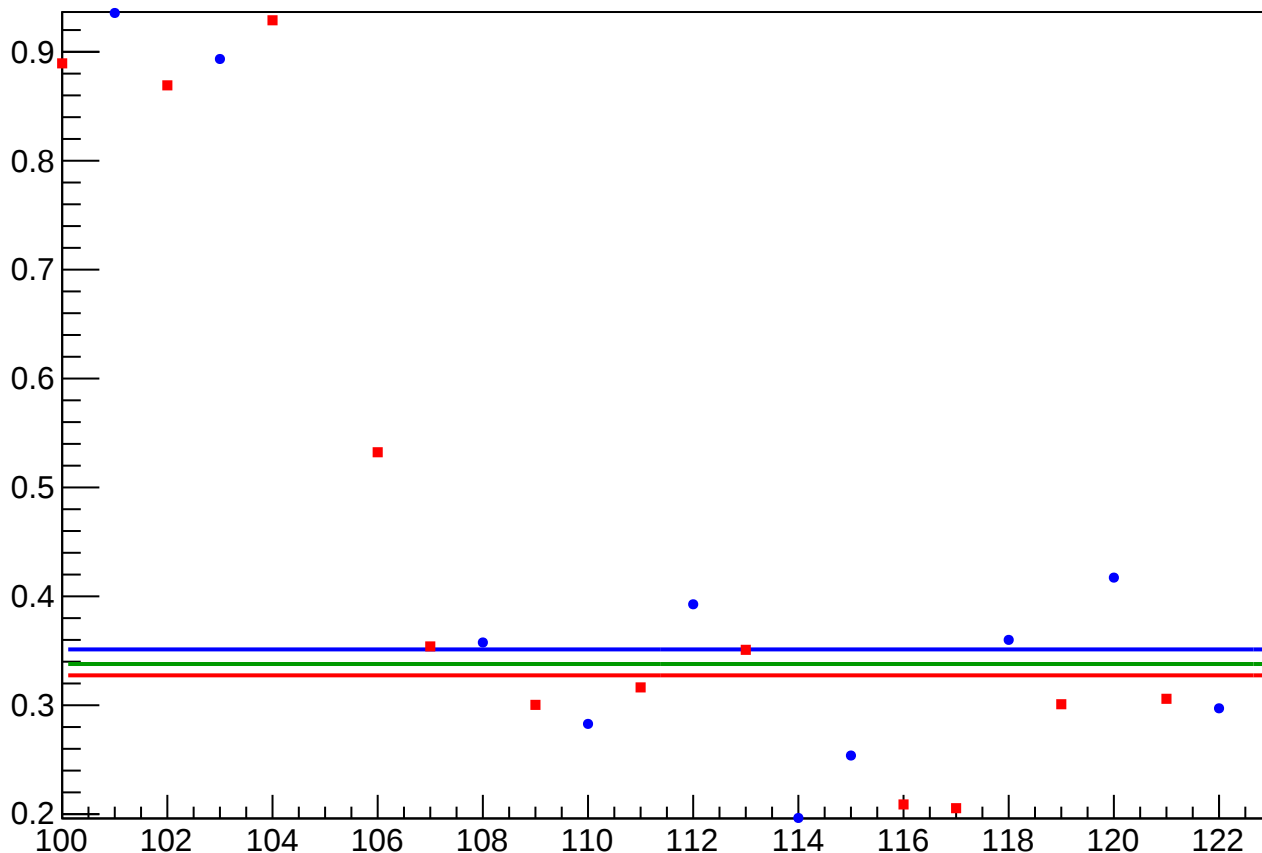
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.527+/-0.000 χ^2/NDF : 1966364068.0/10

145.826+/-0.000 χ^2/NDF : 6240311191.9/11

145.281+/-0.000 χ^2/NDF : 4252619951.9/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.351 ± 0.000 $\chi^2/\text{NDF}: 1092668.9/10$

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

Right Out: 0.327 ± 0.000 $\chi^2/\text{NDF}: 1135334.6/11$

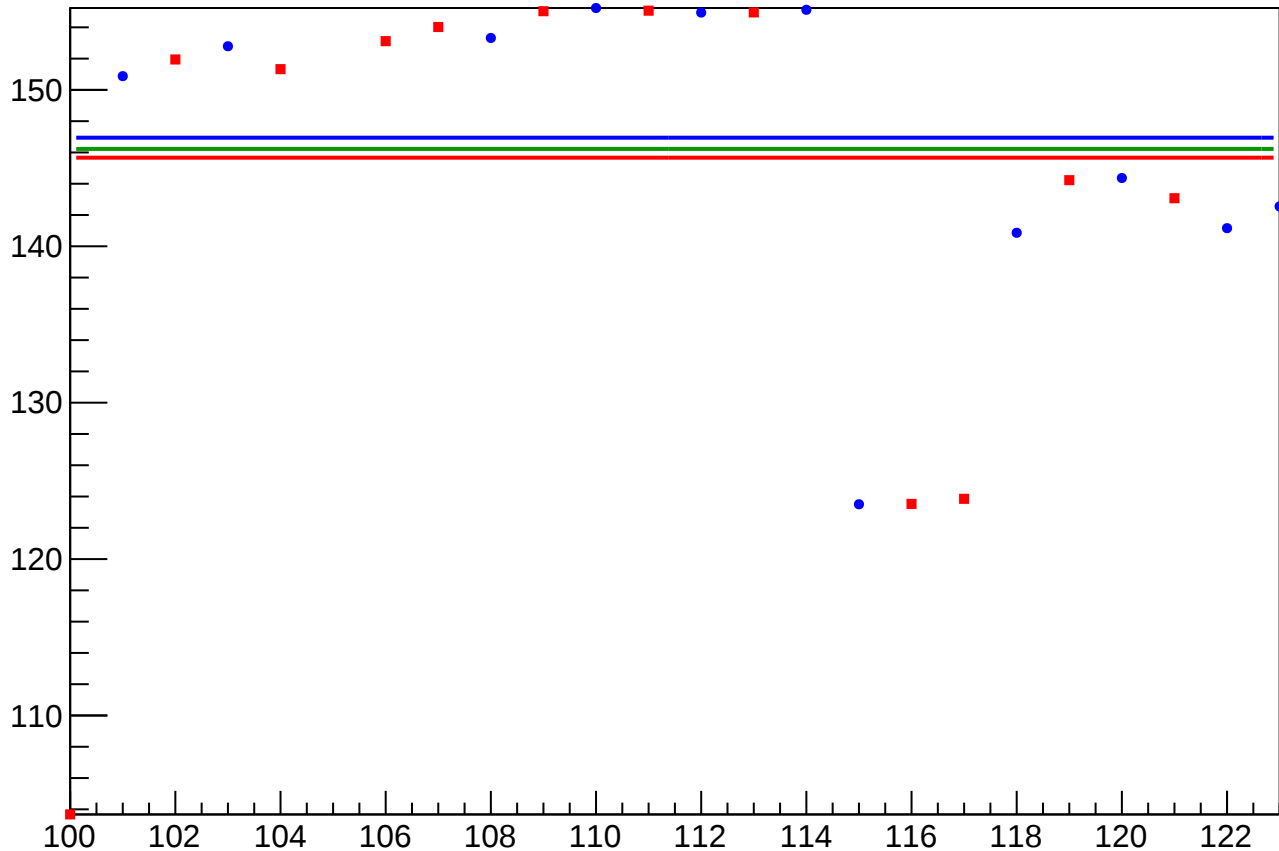
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.351 ± 0.000 $\chi^2/\text{NDF}: 1092668.9/10$

0.338 ± 0.000 $\chi^2/\text{NDF}: 2243595.5/22$

0.327 ± 0.000 $\chi^2/\text{NDF}: 1135334.6/11$

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.944+/-0.000 χ^2/NDF : 2092015174.0/10

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

Right Out: 145.666+/-0.000 χ^2/NDF : 4488953047.6/11

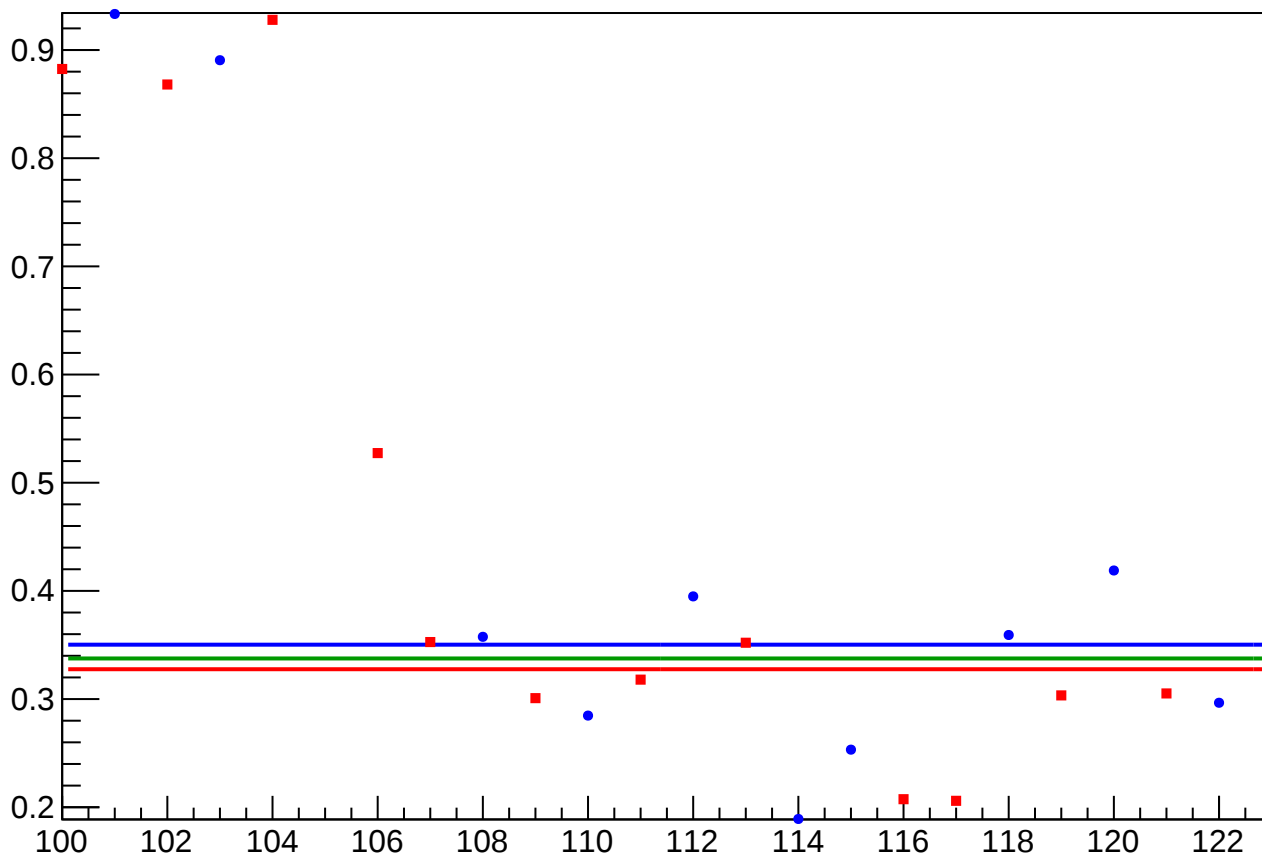
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.944+/-0.000 χ^2/NDF : 2092015174.0/10

146.226+/-0.000 χ^2/NDF : 6603422459.7/11

145.666+/-0.000 χ^2/NDF : 4488953047.6/11

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1106623.6/10

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

Right Out: 0.328+/-0.000 χ^2/NDF : 1135380.6/11

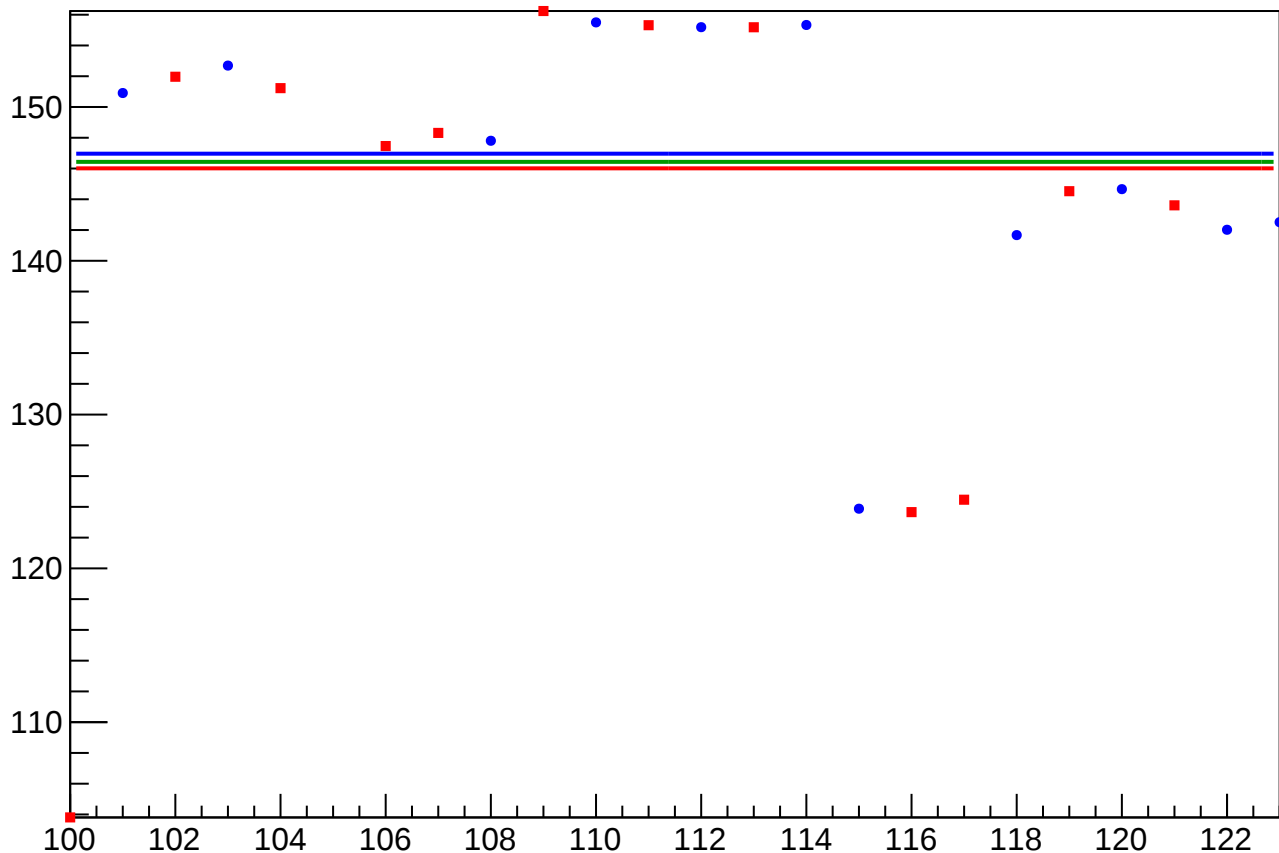
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.350+/-0.000 χ^2/NDF : 1106623.6/10

0.338+/-0.000 χ^2/NDF : 2256176.0/22

0.328+/-0.000 χ^2/NDF : 1135380.6/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 146.964+/-0.000 χ^2/NDF : 1739108760.1/10

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

Right Out: 146.010+/-0.000 χ^2/NDF : 3797270515.3/11

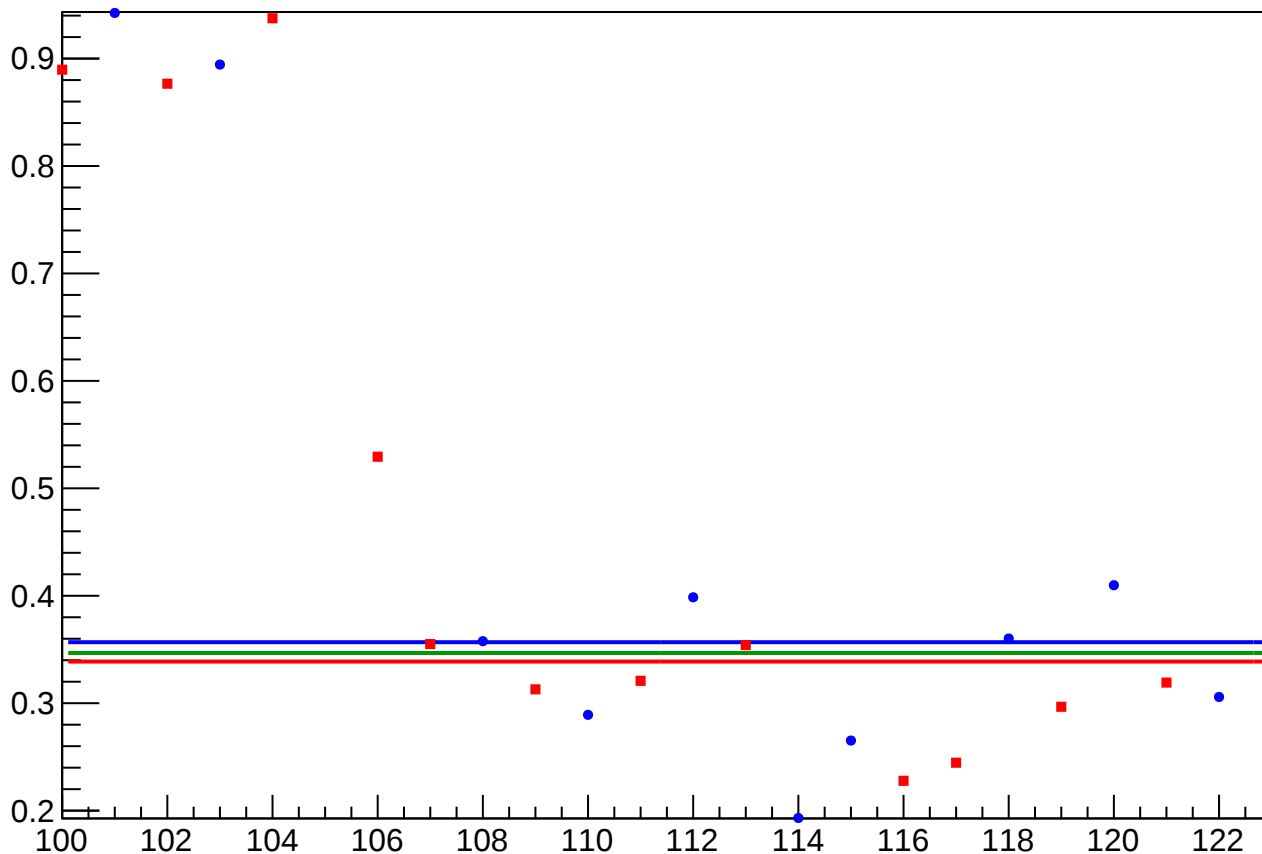
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.964+/-0.000 χ^2/NDF : 1739108760.1/10

146.433+/-0.000 χ^2/NDF : 5548360465.6/10

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 : 1072936.7/10

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

Right Out: 0.339+/-0.000 χ^2/NDF : 1056316.5/11

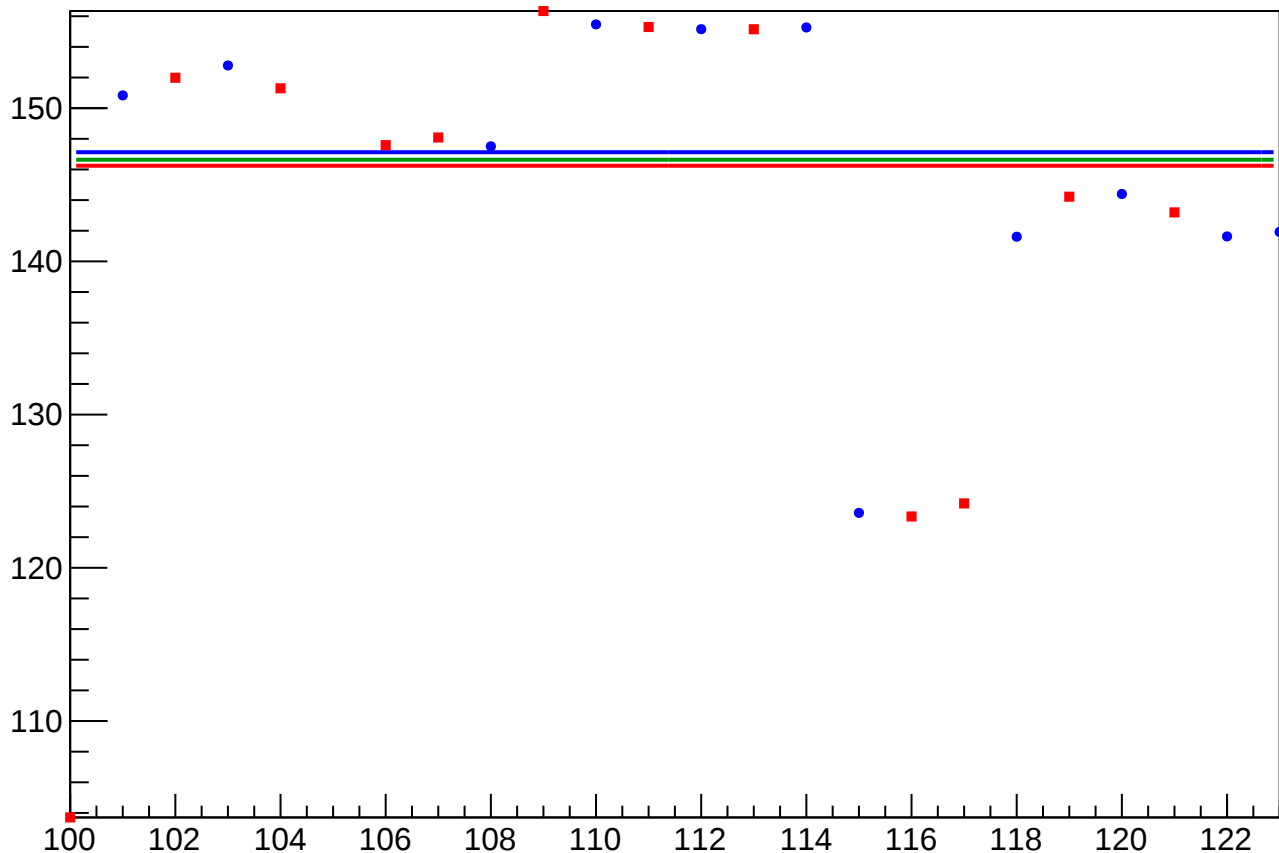
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.357+/-0.000 χ^2/NDF : 1072936.7/10

0.347+/-0.000 χ^2/NDF : 2137812.0/22

0.339+/-0.000 χ^2/NDF : 1056316.5/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 147.126+/-0.000 χ^2/NDF : 1767713367.9/10

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

Right Out: 146.243+/-0.000 χ^2/NDF : 3800753094.4/11

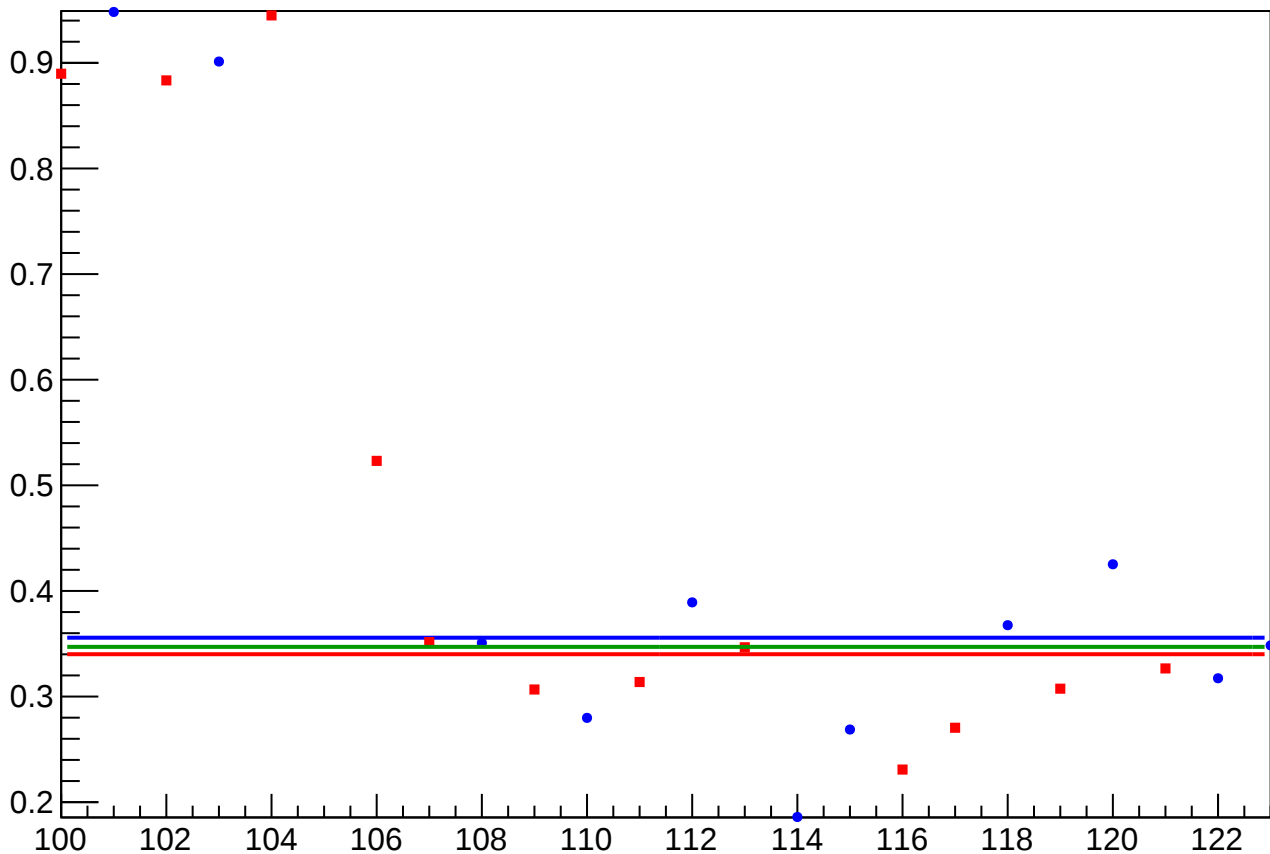
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.126+/-0.000 χ^2/NDF : 1767713367.9/10

146.636+/-0.000 χ^2/NDF : 5578733103.1/11

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 : 1103167.2/10

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

Right Out: 0.340+/-0.000 χ^2/NDF : 1040156.4/11

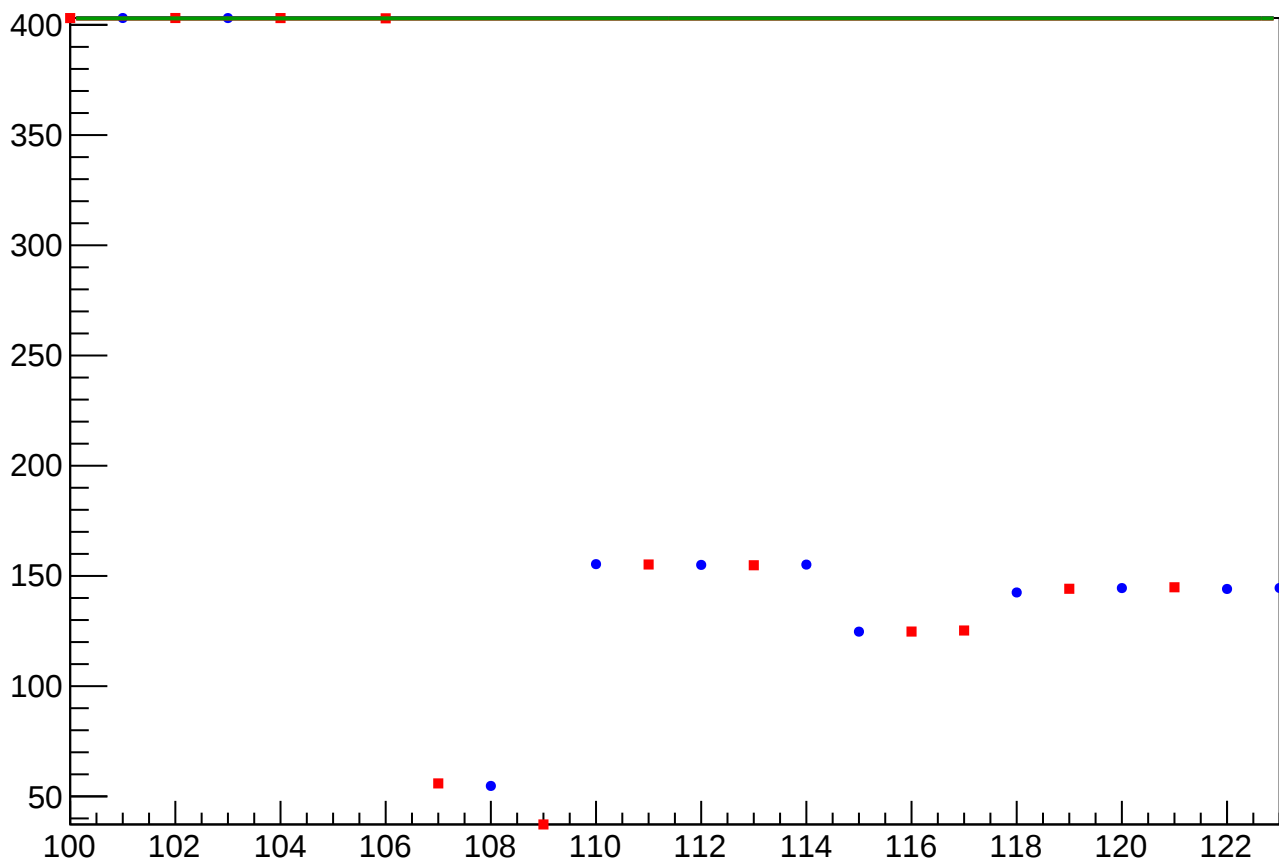
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.356+/-0.000 χ^2/NDF : 1103167.2/10

0.347+/-0.000 χ^2/NDF : 2149754.3/22

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 : 488074827741.0/10

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

Right Out: 402.852+/-0.000 χ^2/NDF : 2617483235908.7/11

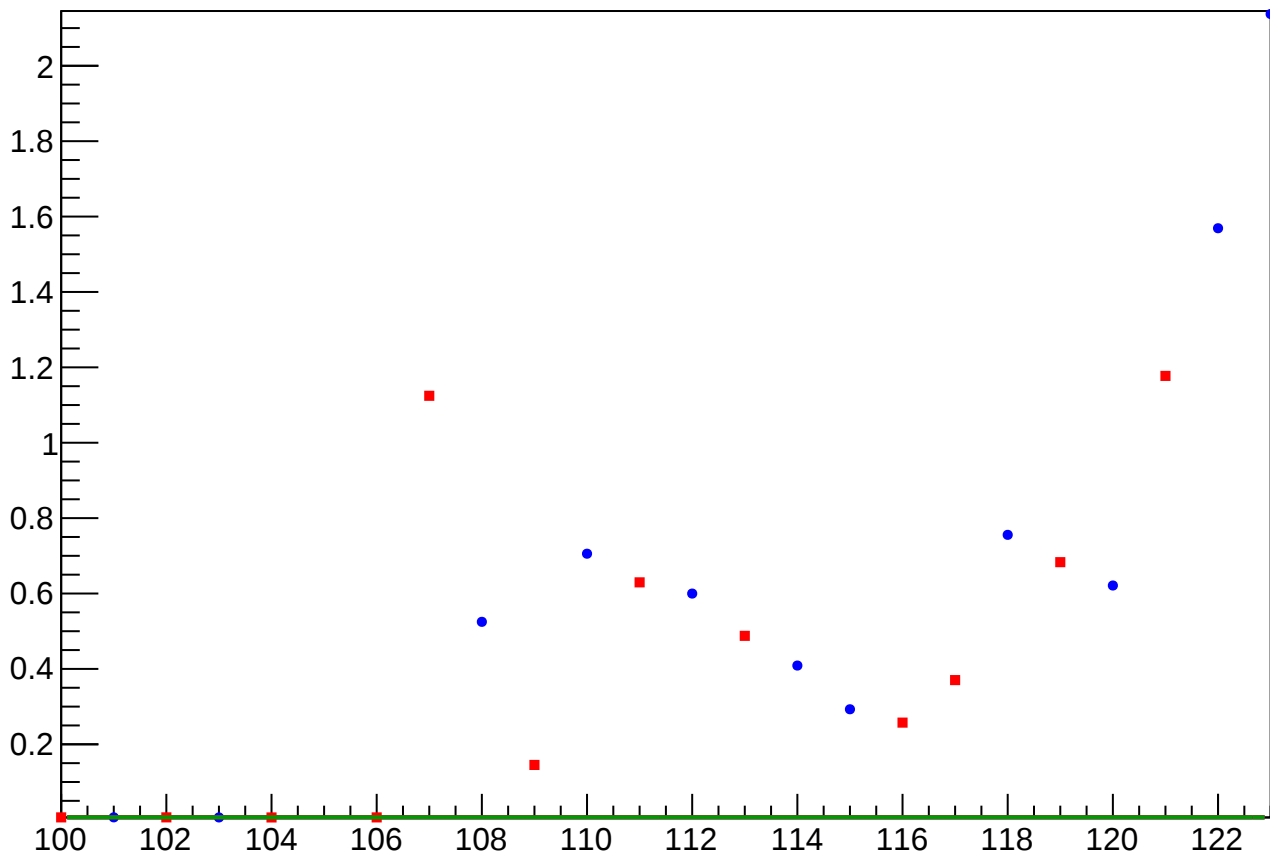
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.033+/-0.000 χ^2/NDF : 488074827741.0/10

402.937+/-0.000 χ^2/NDF : 310610083950

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 : 4451925.5/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 4506865.6/11

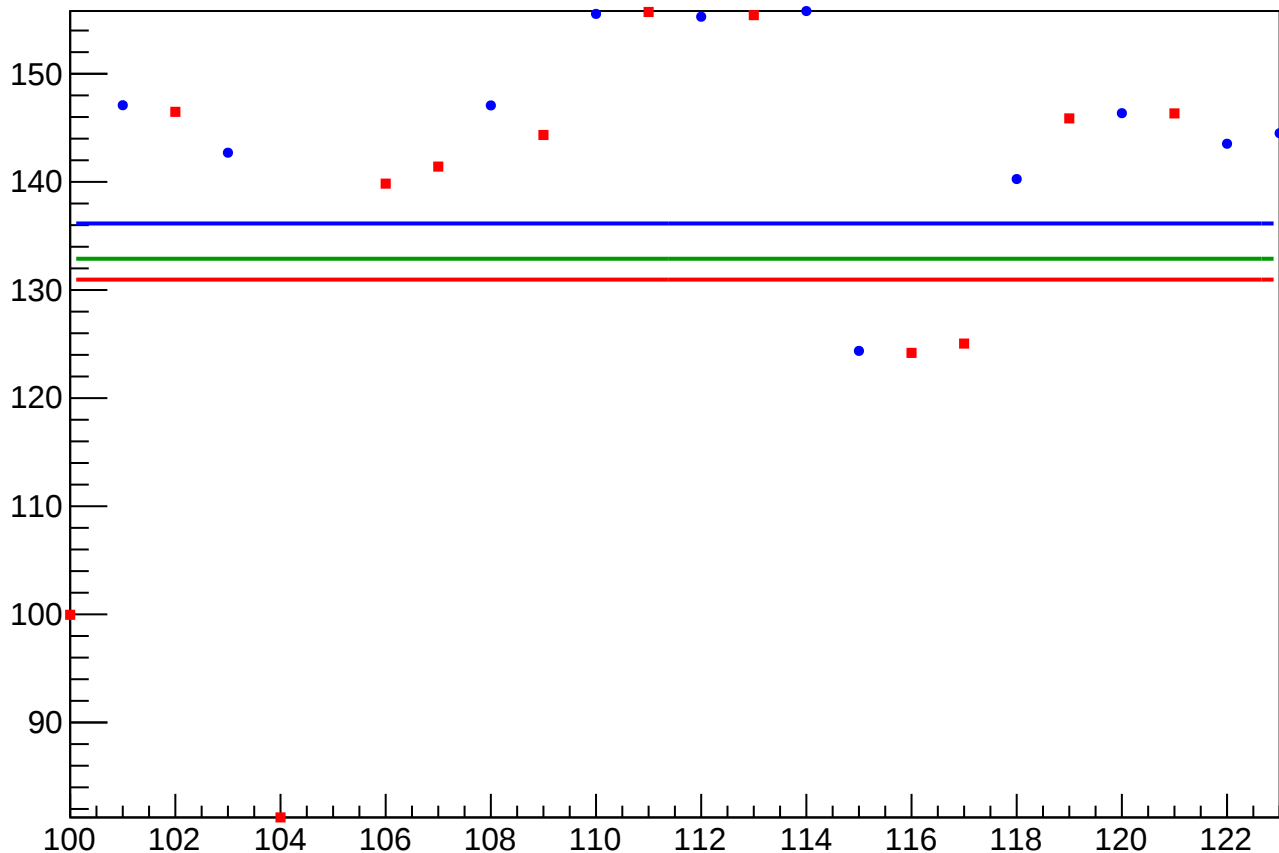
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4451925.5/10

0.006+/-0.000 χ^2/NDF : 8958810.6/22

0.006+/-0.000 χ^2/NDF : 4506865.6/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.153+/-0.001 χ^2/NDF : 485086933.6/10

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

Right Out: 130.961+/-0.000 χ^2/NDF : 890000194.2/11

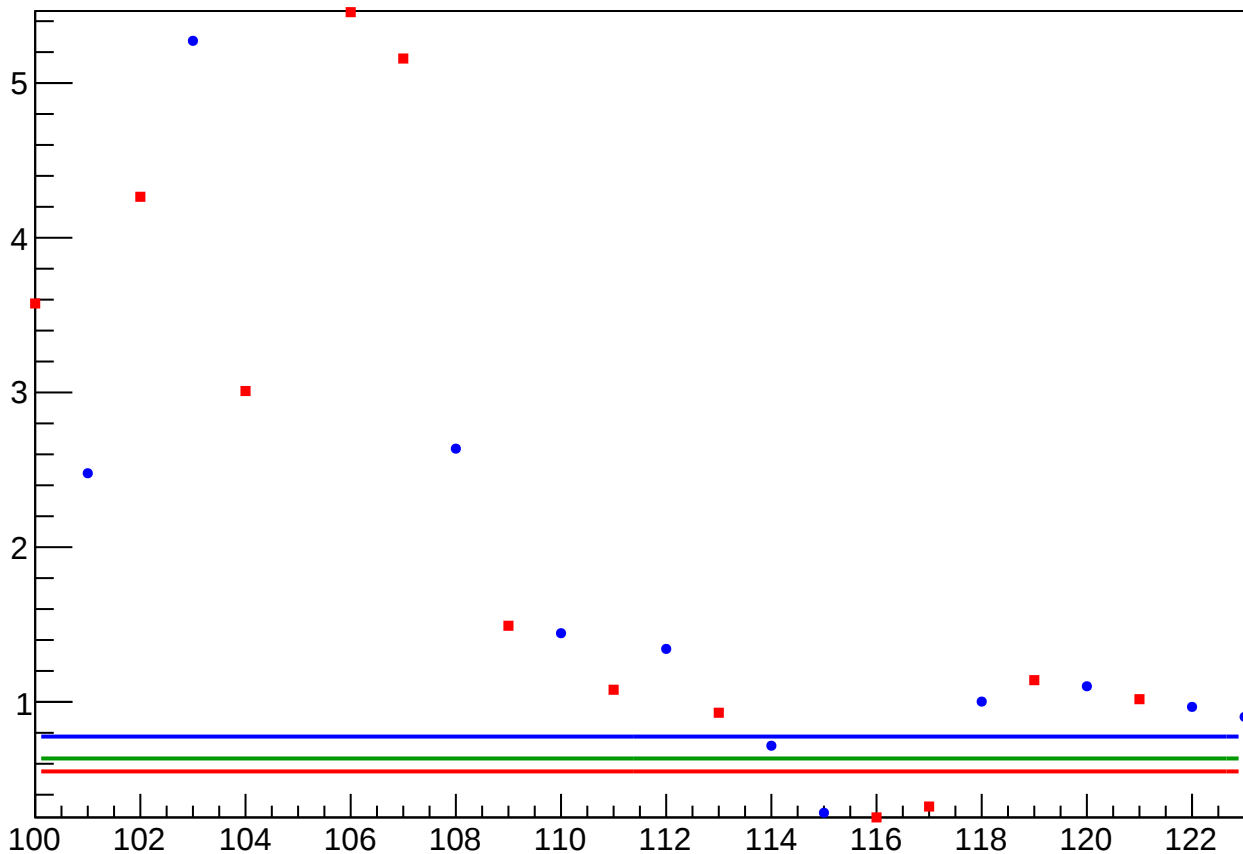
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.153+/-0.001 χ^2/NDF : 485086933.6/10

132.891+/-0.000 χ^2/NDF : 1430870162.6/11

130.961+/-0.000 χ^2/NDF : 890000194.2/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.776+/-0.000 χ^2/NDF : 2766746.9/10

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

Right Out: 0.550+/-0.000 χ^2/NDF : 4066217.7/11

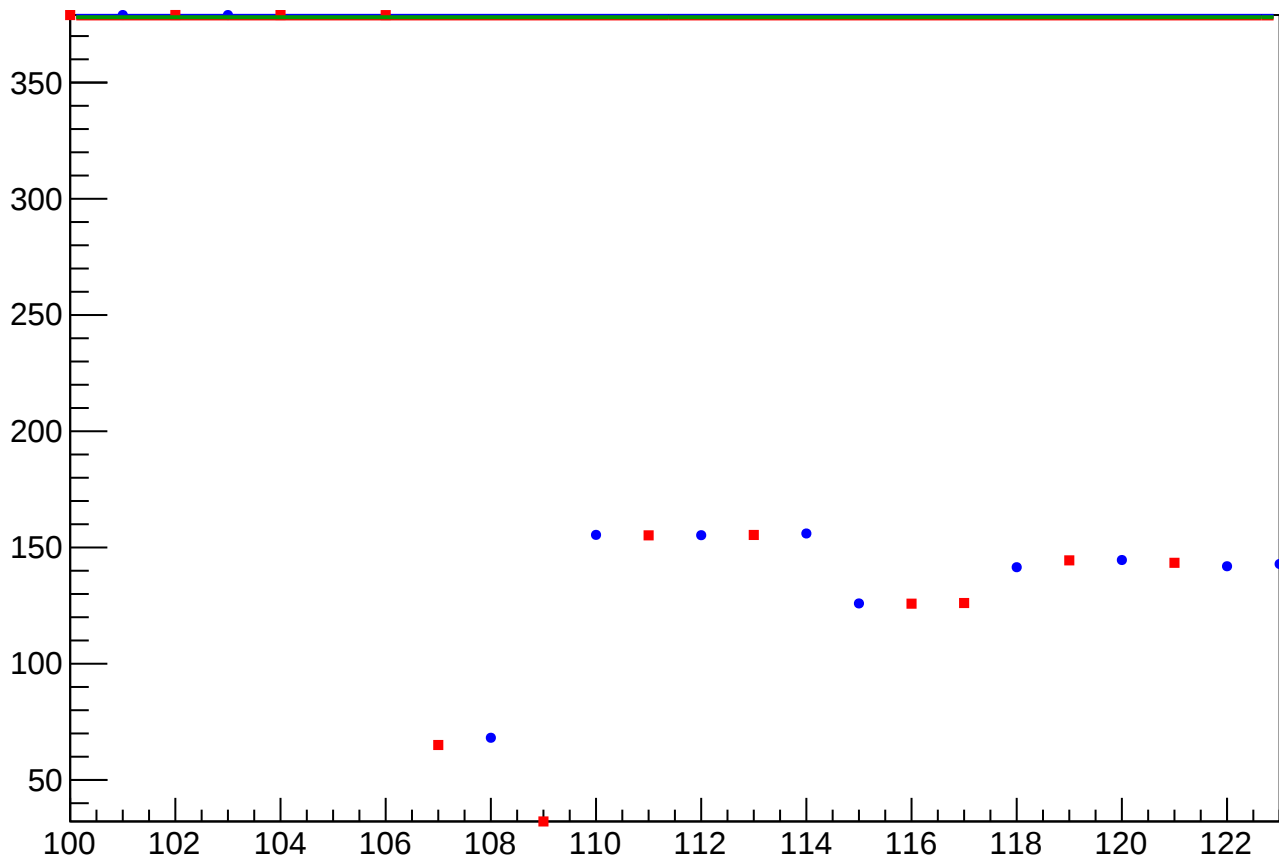
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.776+/-0.000 χ^2/NDF : 2766746.9/10

0.634+/-0.000 χ^2/NDF : 7043250.1/22

0.550+/-0.000 χ^2/NDF : 4066217.7/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.696+/-0.000 χ^2/NDF : 1208040381596.6/10

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

Right Out: 377.582+/-0.000 χ^2/NDF : 7242868916681.1/11

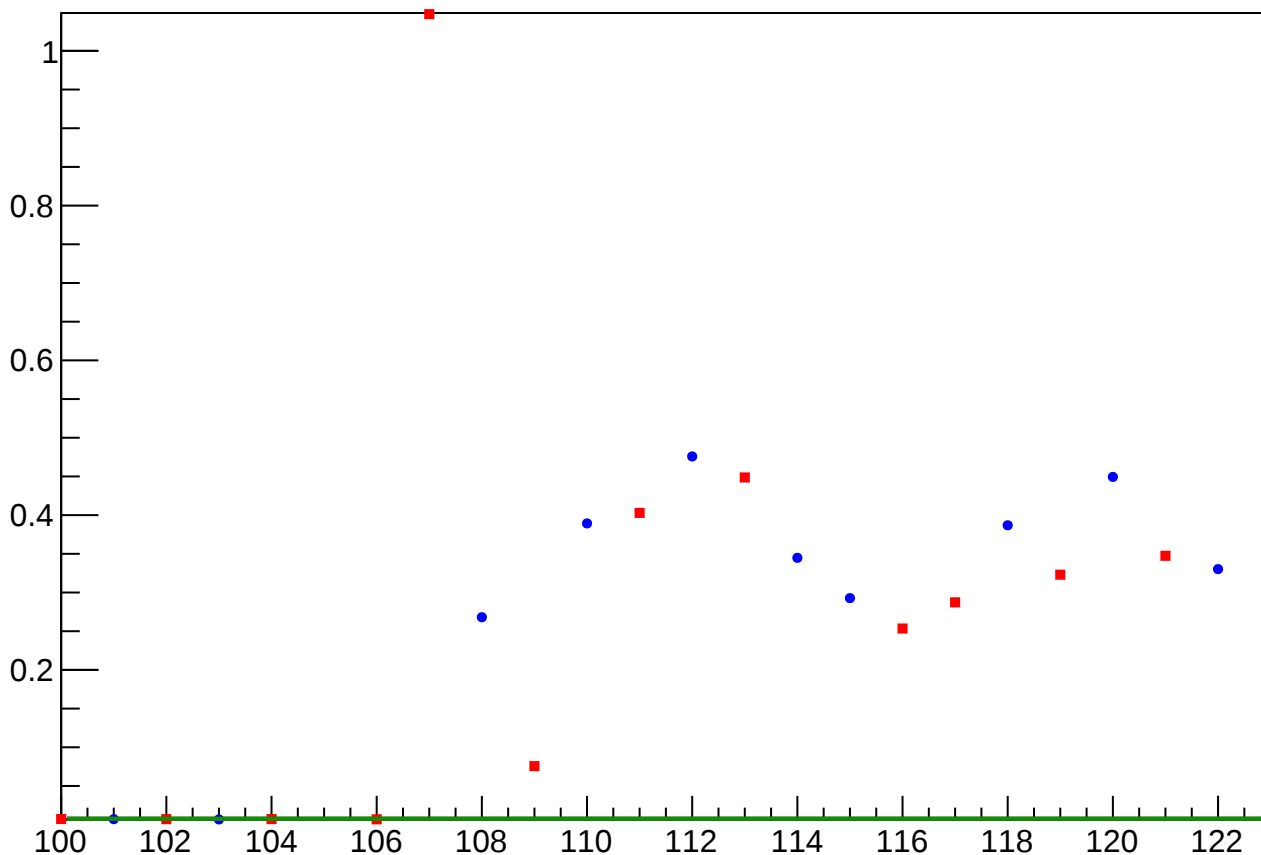
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.696+/-0.000 χ^2/NDF : 1208040381596.6/10

378.103+/-0.000 χ^2/NDF : 845970743542

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 : 4709603.5/10

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4592677.7/11

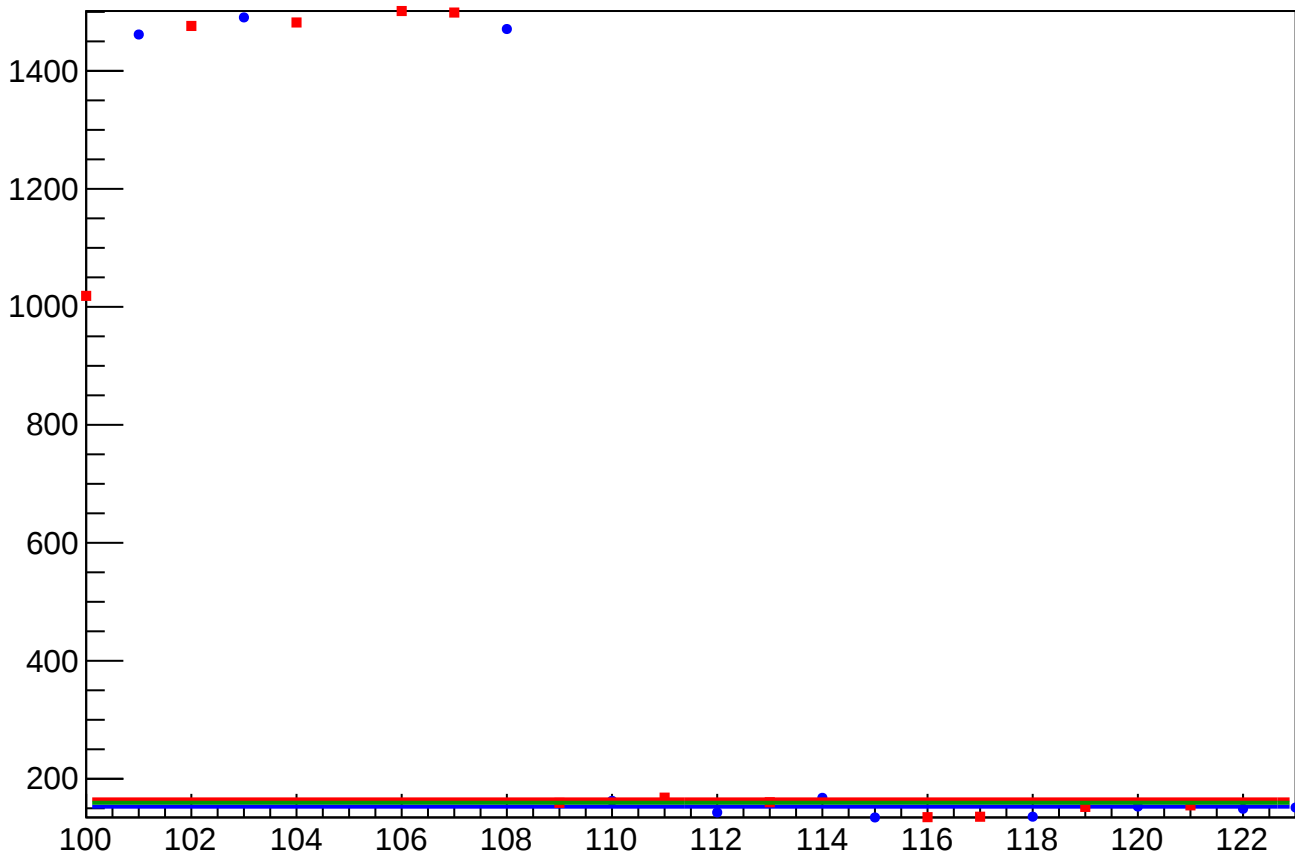
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 4709603.5/10

0.008+/-0.000 χ^2/NDF : 9302607.1/22

0.008+/-0.000 χ^2/NDF : 4592677.7/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 152.753 $\pm$ 0.001 χ^2/NDF : 24062204781.7/10

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

Right Out: 165.088 $\pm$ 0.001 χ^2/NDF : 32844873399.1/11

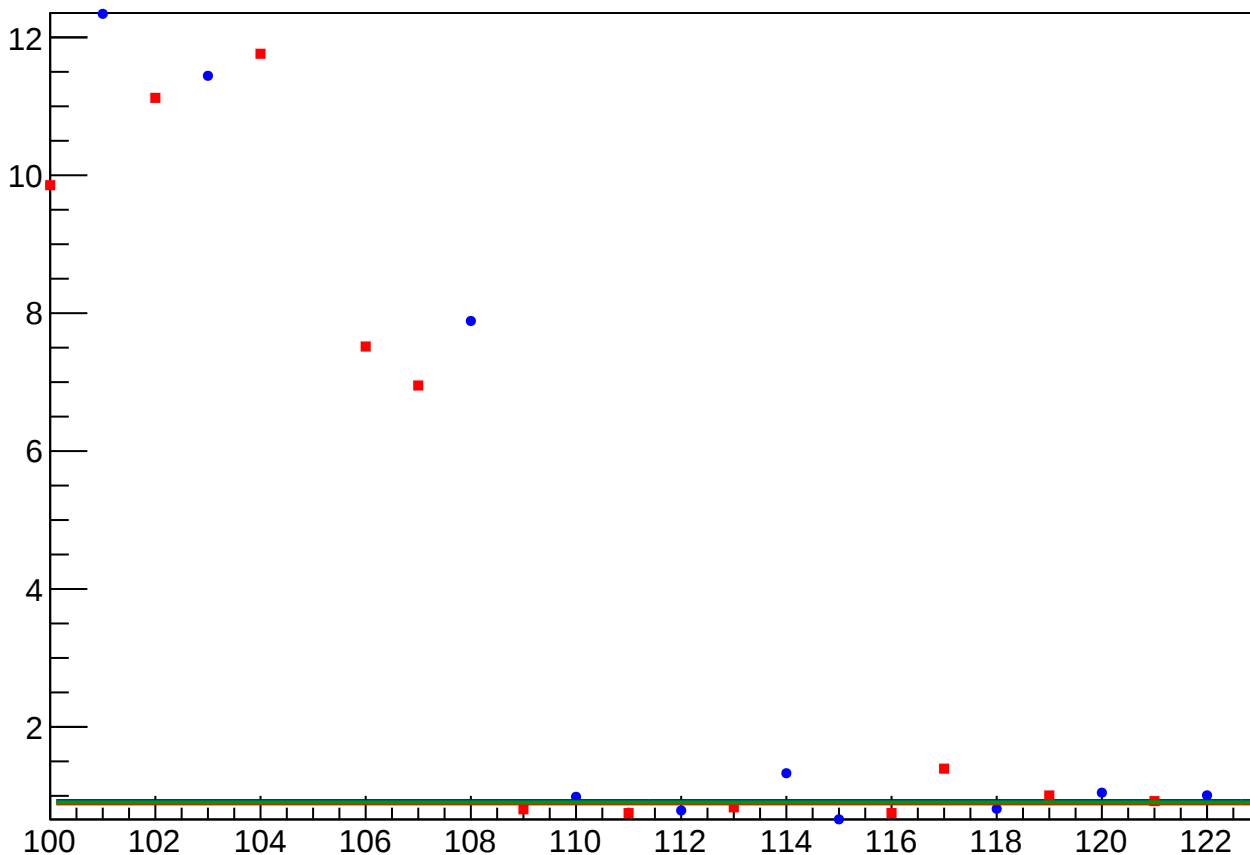
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

152.753 $\pm$ 0.001 χ^2/NDF : 24062204781.7/10

159.349 $\pm$ 0.000 χ^2/NDF : 57099567613.1

165.088 $\pm$ 0.001 χ^2/NDF : 32844873399.1/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.924+/-0.000 χ^2/NDF : 2542565.8/10

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

Right Out: 0.890+/-0.000 χ^2/NDF : 2690133.1/11

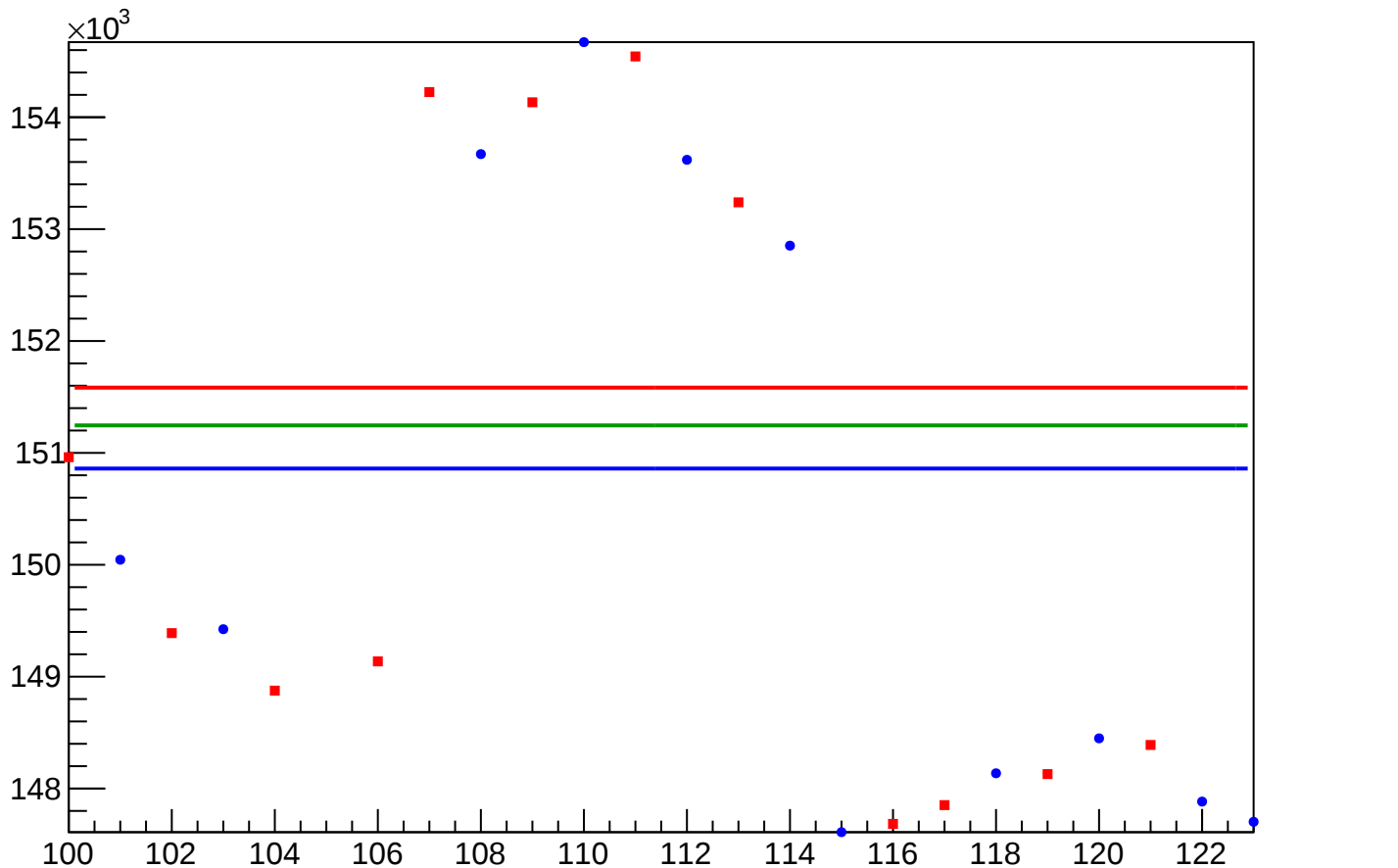
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.924+/-0.000 χ^2/NDF : 2542565.8/10

0.906+/-0.000 χ^2/NDF : 5235581.8/22

0.890+/-0.000 χ^2/NDF : 2690133.1/11

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150860.006 $\pm$ 0.079 χ^2 /NDF: 1326389972.4/10

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

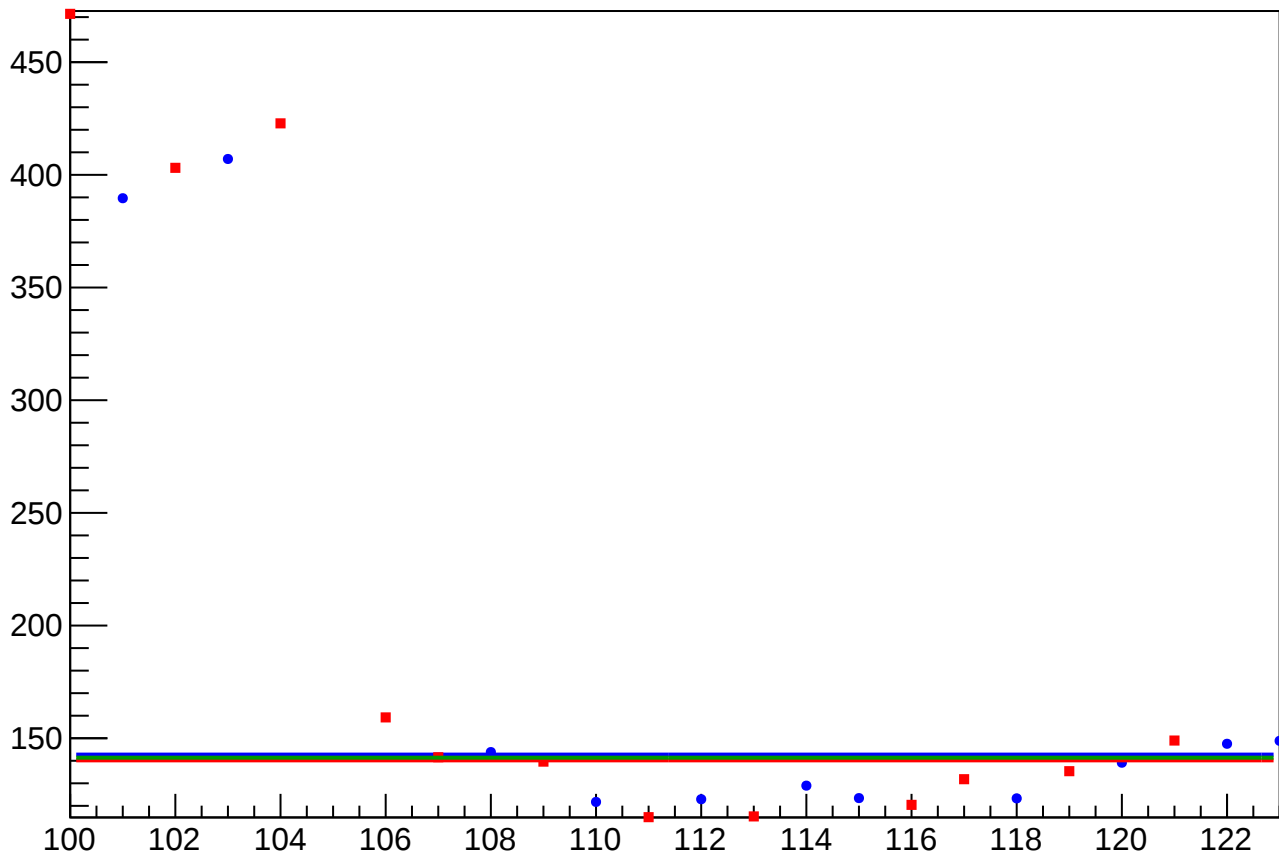
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150860.006 $\pm$ 0.079 χ^2 /NDF: 1326389972.4/10

151245.723 $\pm$ 0.054 χ^2 /NDF: 288000690

151583.173 $\pm$ 0.074 χ^2 /NDF: 1508934164.7/11

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 142.741+/-0.056 χ^2/NDF : 1024882.5/10

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

Right Out: 140.191+/-0.052 χ^2/NDF : 1075884.7/11

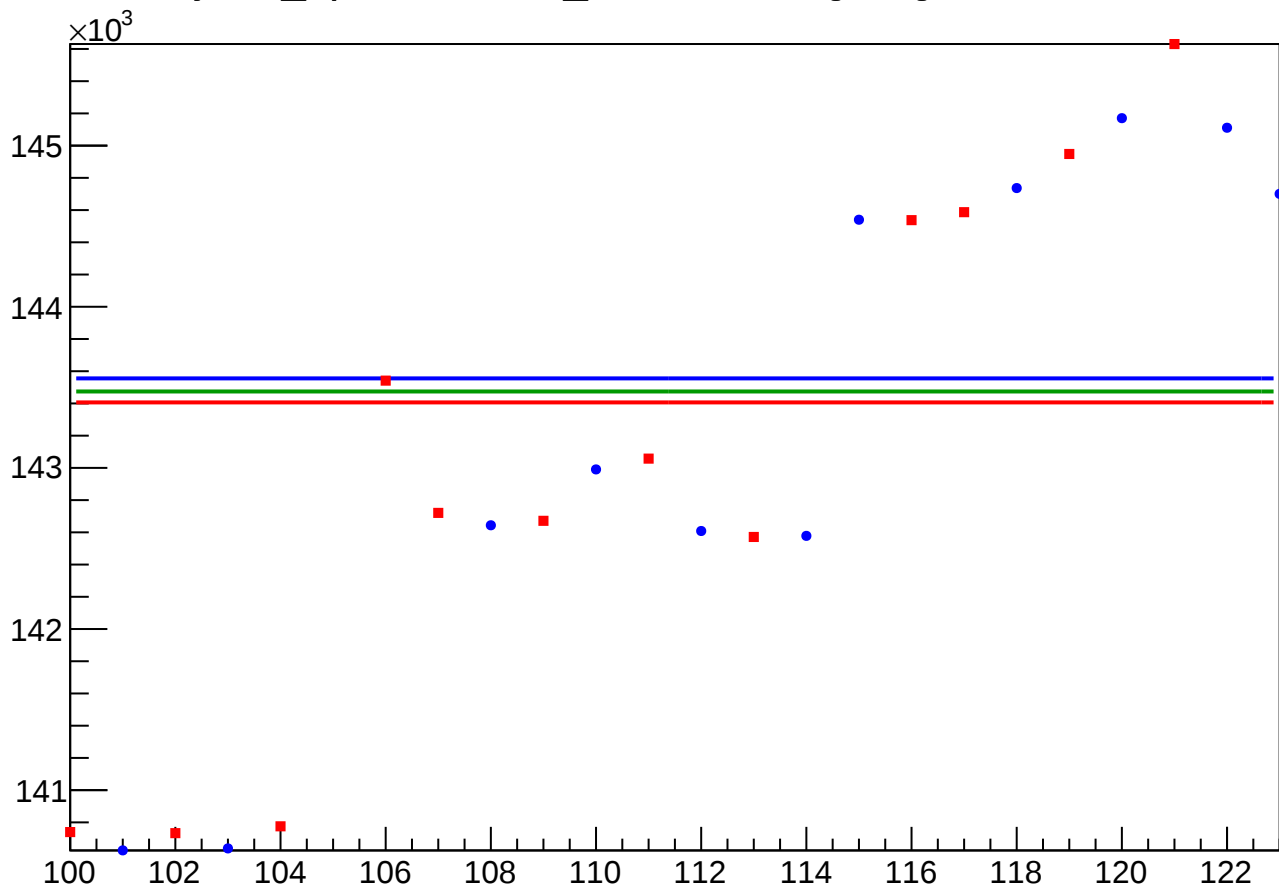
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.741+/-0.056 χ^2/NDF : 1024882.5/10

141.381+/-0.038 χ^2/NDF : 2101877.9/22

140.191+/-0.052 χ^2/NDF : 1075884.7/11

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143555.479 $\pm$ 0.065 χ^2 /NDF: 346495464.2/10

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

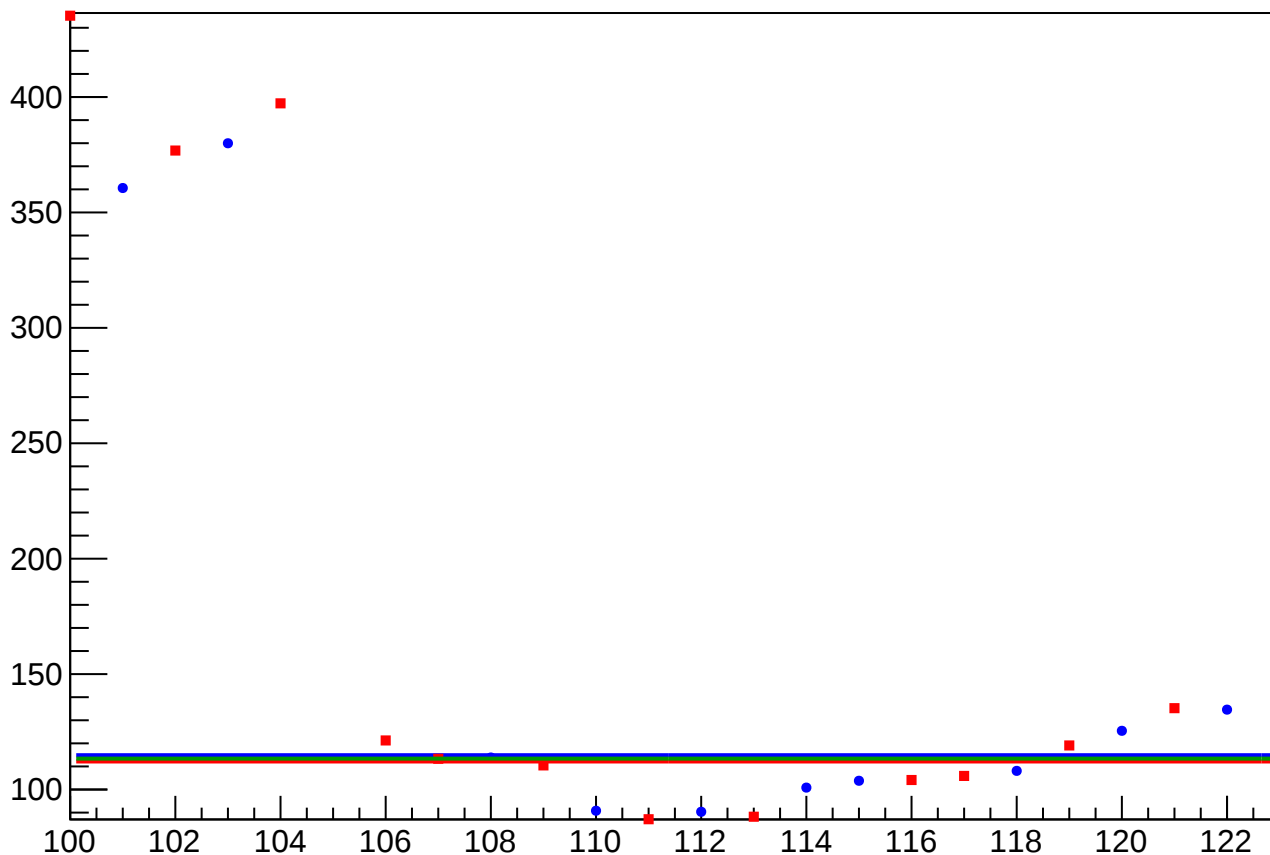
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143555.479 $\pm$ 0.065 χ^2 /NDF: 346495464.2/10

143474.254 $\pm$ 0.044 χ^2 /NDF: 701781033

143406.366 $\pm$ 0.059 χ^2 /NDF: 352383514.8/11

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 114.873+/-0.046 χ^2/NDF : 1239171.1/10

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

Right Out: 112.148+/-0.042 χ^2/NDF : 1286646.6/11

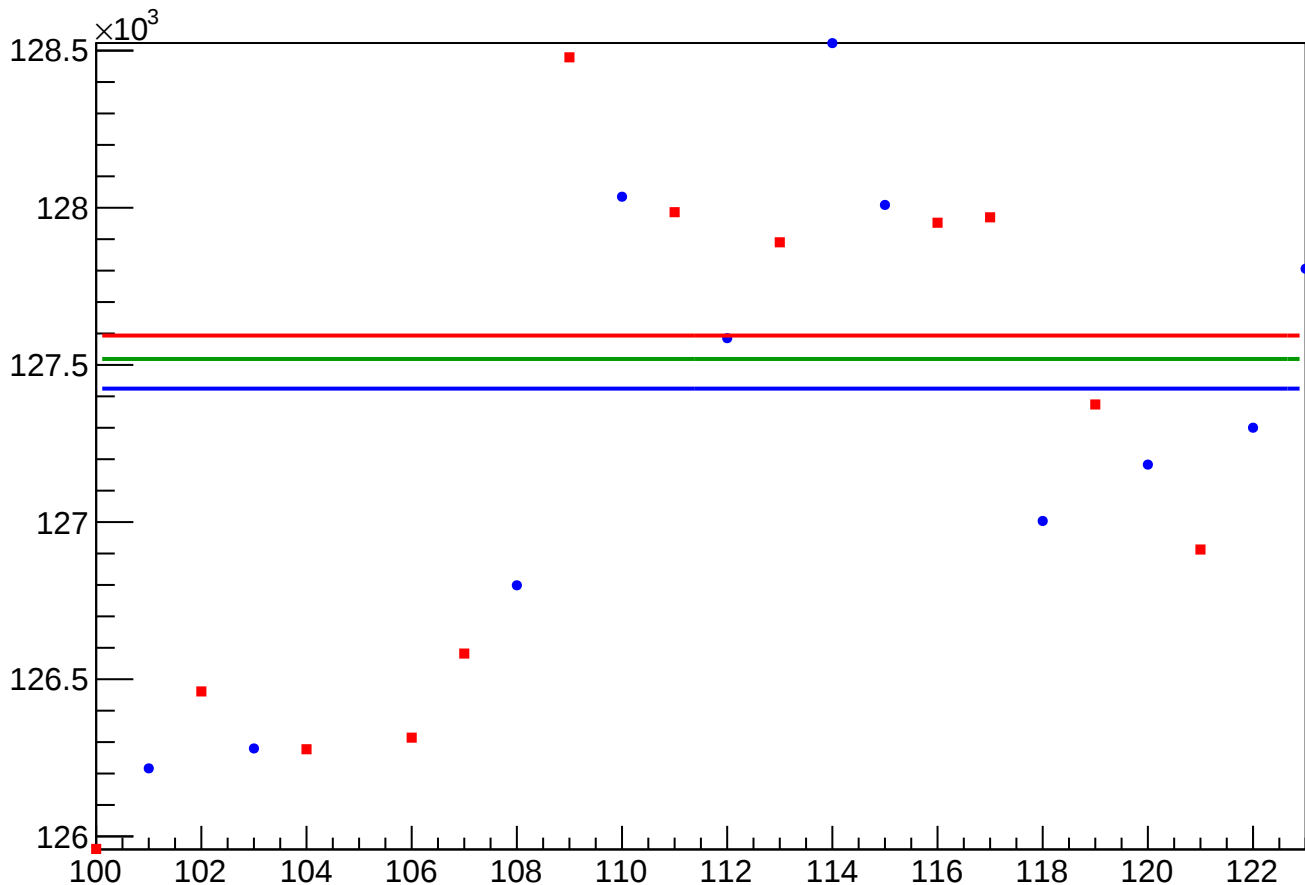
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

114.873+/-0.046 χ^2/NDF : 1239171.1/10

113.388+/-0.031 χ^2/NDF : 2527756.8/22

112.148+/-0.042 χ^2/NDF : 1286646.6/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127424.639 $\pm$ 0.078 χ^2 /NDF: 56441717.9/10

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

127424.639 $\pm$ 0.078 χ^2 /NDF: 56441717.9/10

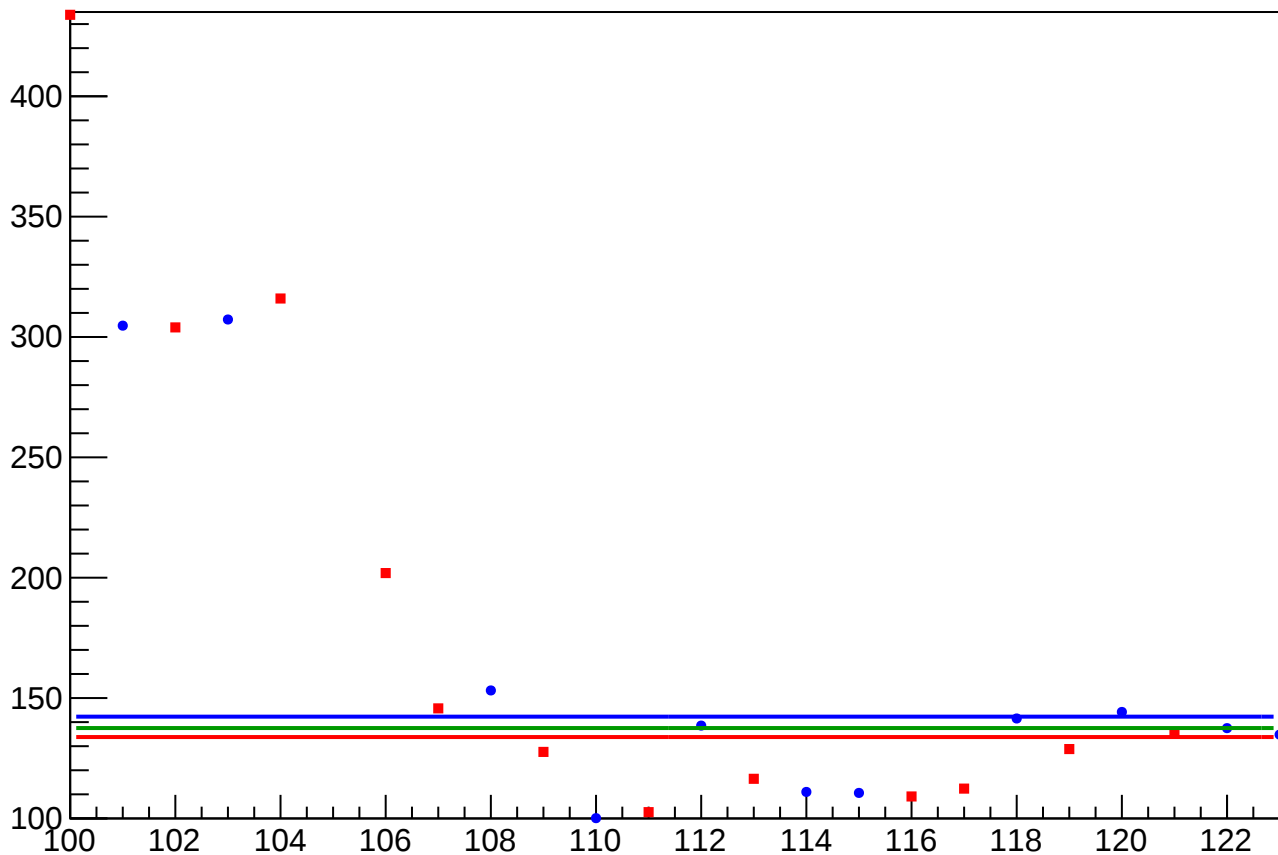
127518.957 $\pm$ 0.052 χ^2 /NDF: 149499767

Right Out: 127593.456 $\pm$ 0.069 χ^2 /NDF: 90442673.9/11

127593.456 $\pm$ 0.069 χ^2 /NDF: 90442673.9/11

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.274+/-0.055 χ^2/NDF : 821438.7/10

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

Right Out: 133.800+/-0.049 χ^2/NDF : 926106.4/11

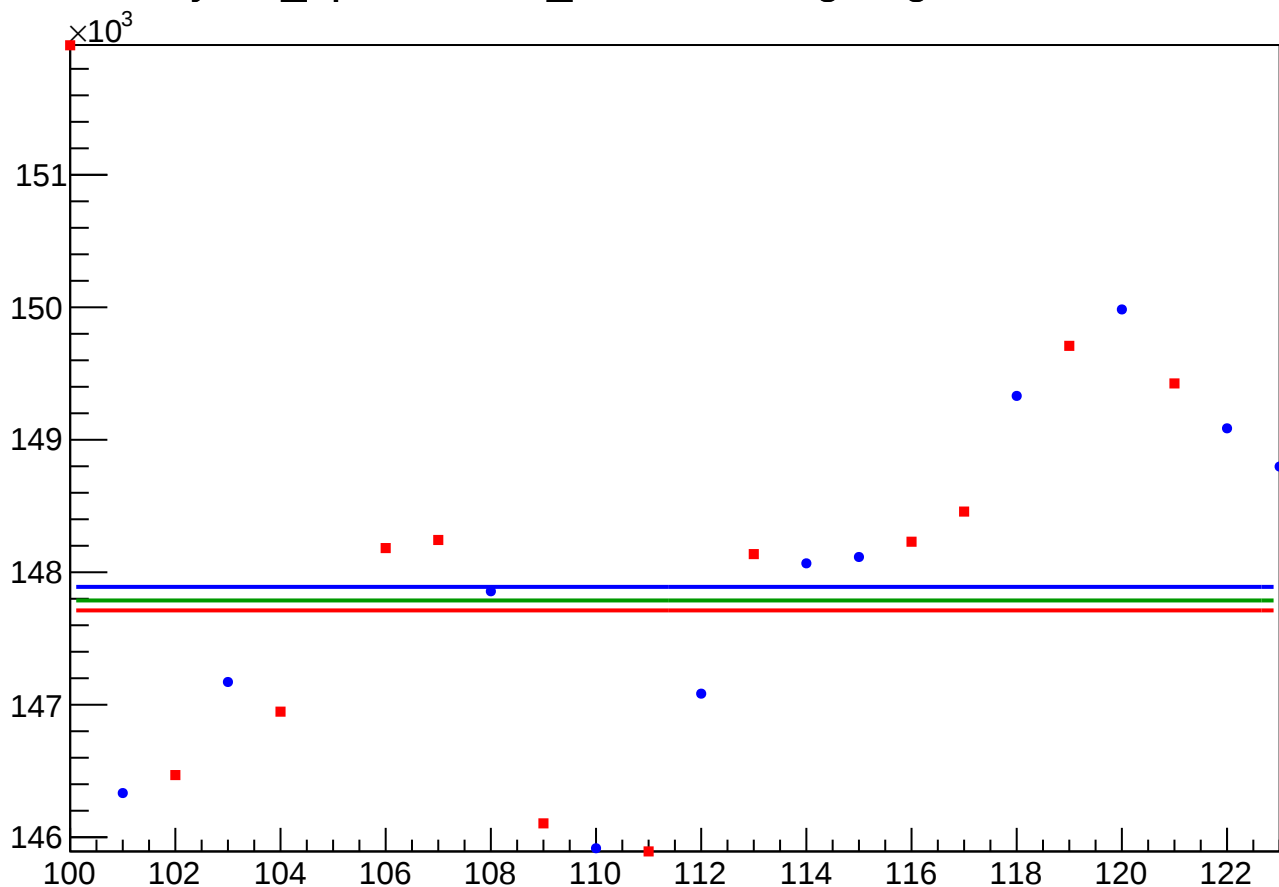
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.274+/-0.055 χ^2/NDF : 821438.7/10

137.540+/-0.037 χ^2/NDF : 1760725.2/22

133.800+/-0.049 χ^2/NDF : 926106.4/11

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147889.696 $\pm$ 0.119 χ^2 /NDF: 98214601.8/10

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

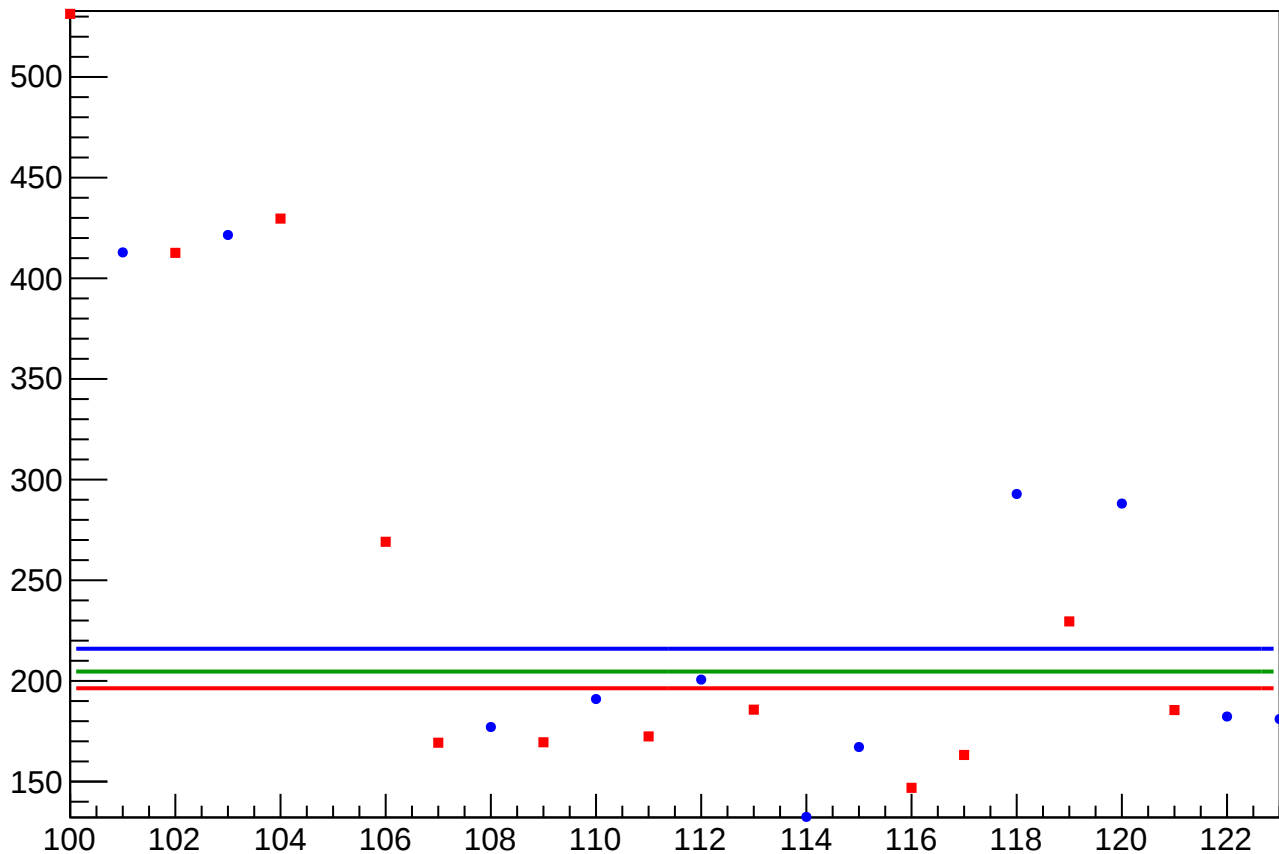
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147889.696 $\pm$ 0.119 χ^2 /NDF: 98214601.8/10

147787.227 $\pm$ 0.077 χ^2 /NDF: 279678781

147712.074 $\pm$ 0.102 χ^2 /NDF: 180178750.3/11

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 215.989+/-0.084 χ^2/NDF : 834550.5/10

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

Right Out: 196.351+/-0.072 χ^2/NDF : 819413.2/11

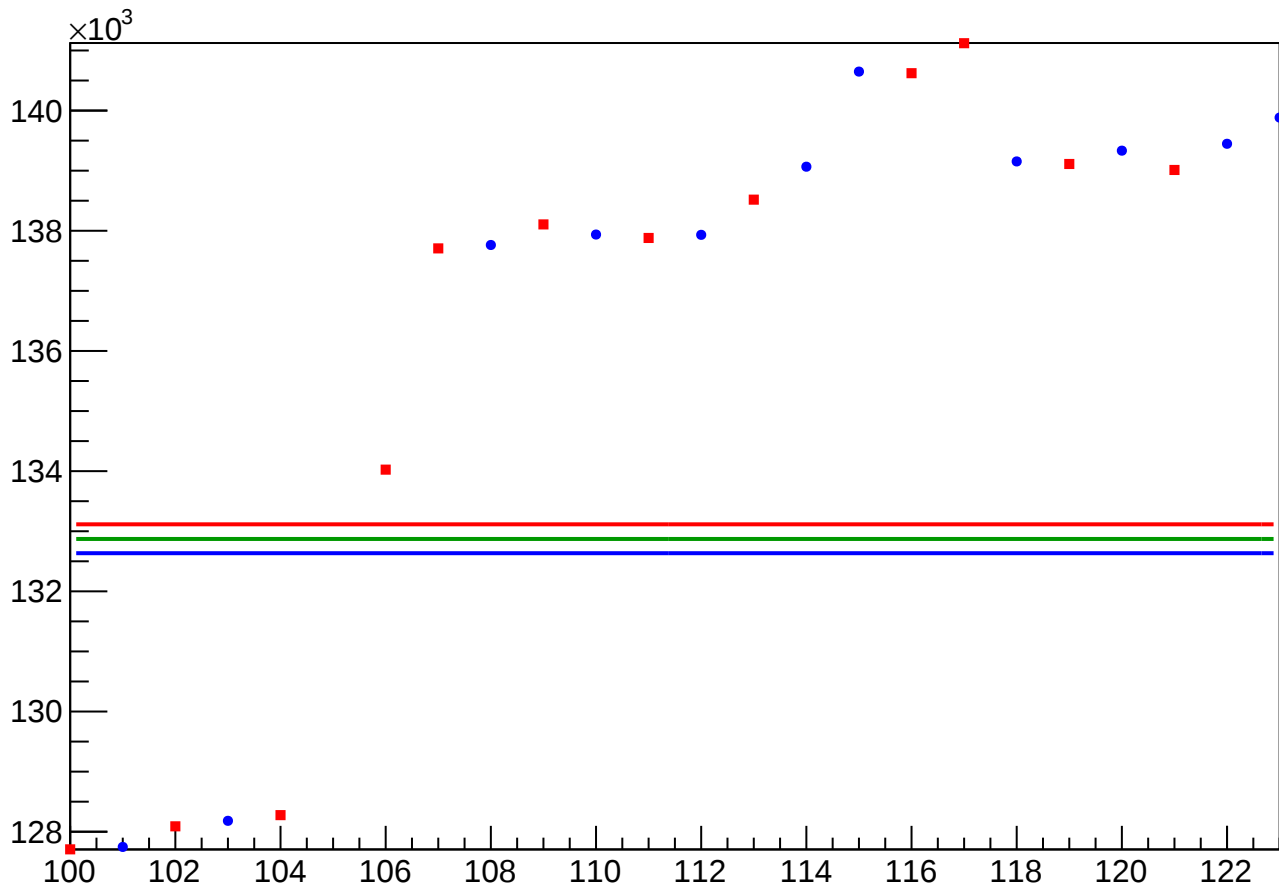
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

215.989+/-0.084 χ^2/NDF : 834550.5/10

204.660+/-0.055 χ^2/NDF : 1685387.0/22

196.351+/-0.072 χ^2/NDF : 819413.2/11

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 132634.670 $\pm$ 0.220 χ^2 /NDF: 584524496.6/10

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

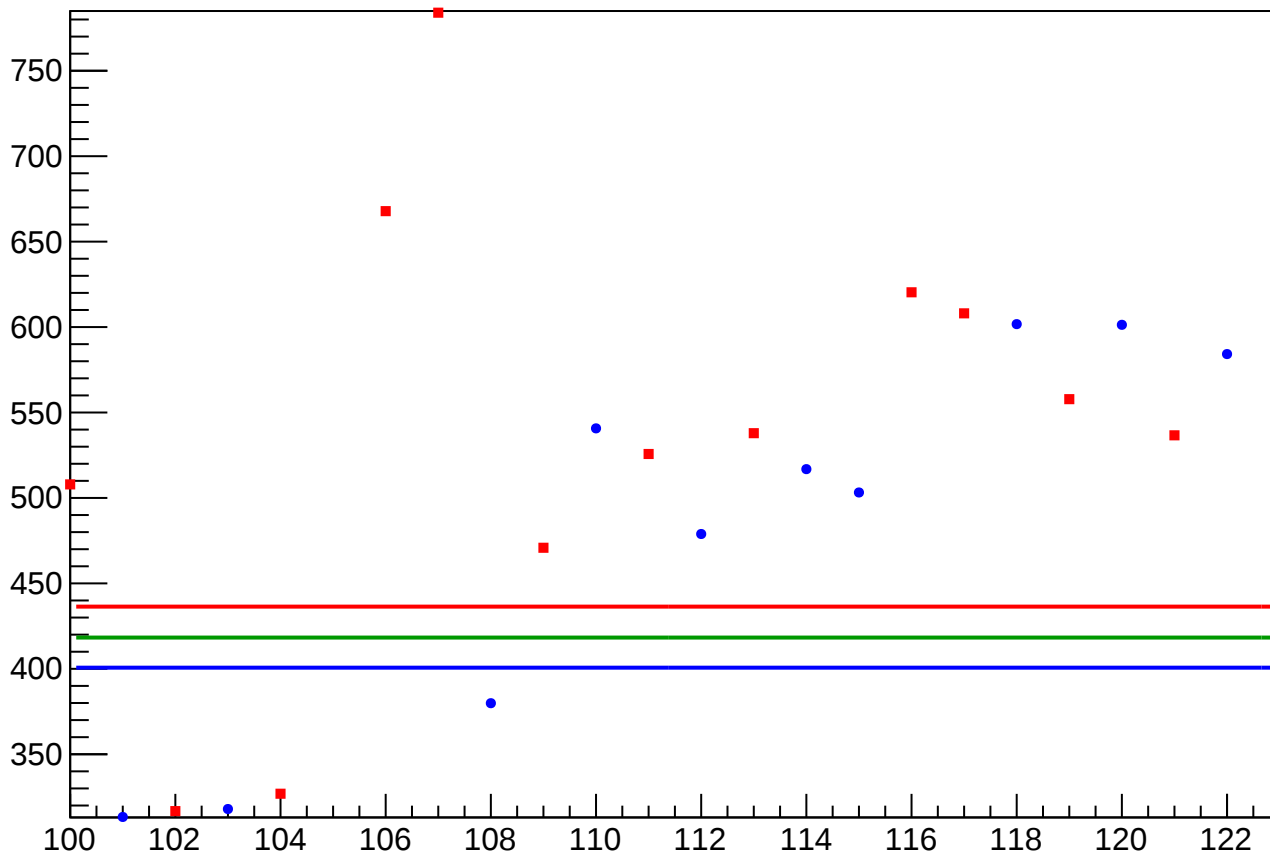
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132634.670 $\pm$ 0.220 χ^2 /NDF: 584524496.6/10

132871.668 $\pm$ 0.157 χ^2 /NDF: 112067556

133115.259 $\pm$ 0.223 χ^2 /NDF: 533804982.5/11

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 400.673+/-0.156 χ^2/NDF : 498844.1/10

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

Right Out: 436.402+/-0.158 χ^2/NDF : 639866.0/11

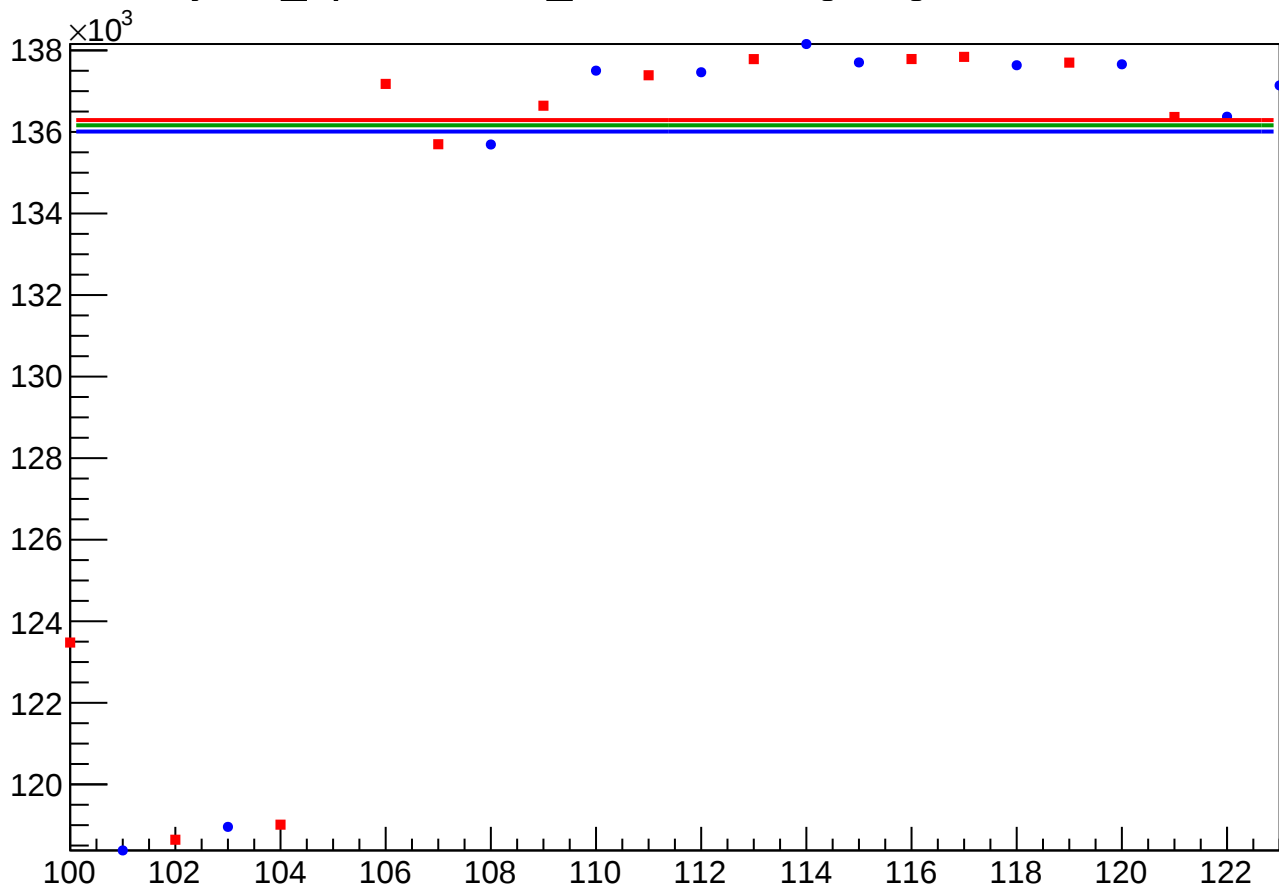
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

400.673+/-0.156 χ^2/NDF : 498844.1/10

418.293+/-0.111 χ^2/NDF : 1164644.2/22

436.402+/-0.158 χ^2/NDF : 639866.0/11

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136009.693 $\pm$ 0.082 χ^2 /NDF: 3403451313.5/10

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

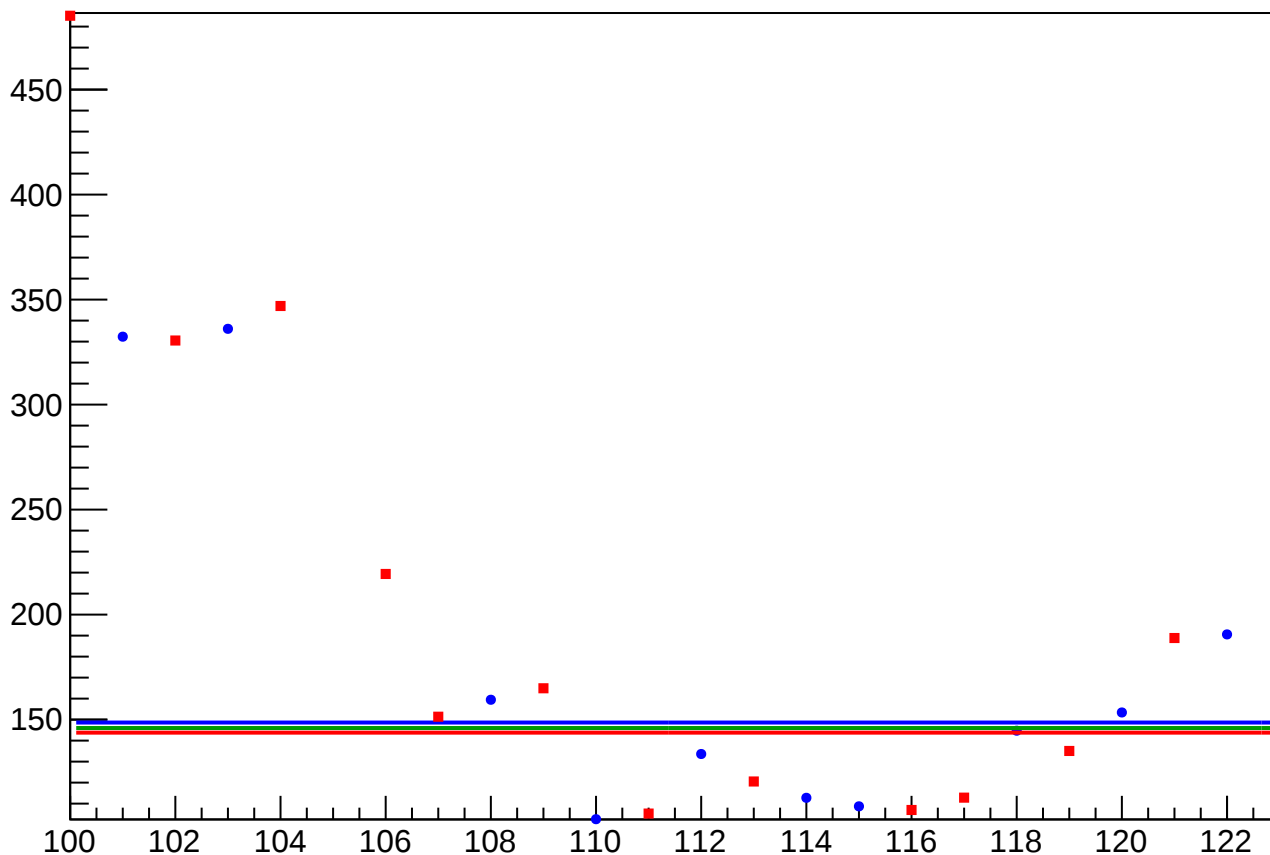
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

136009.693 $\pm$ 0.082 χ^2 /NDF: 3403451313.5/10

136162.525 $\pm$ 0.055 χ^2 /NDF: 646654739

136290.709 $\pm$ 0.075 χ^2 /NDF: 3056732353.6/11

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 148.612 $\pm$ 0.058 χ^2 /NDF: 957935.6/10

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

Right Out: 143.799 $\pm$ 0.053 χ^2 /NDF: 1088777.0/11

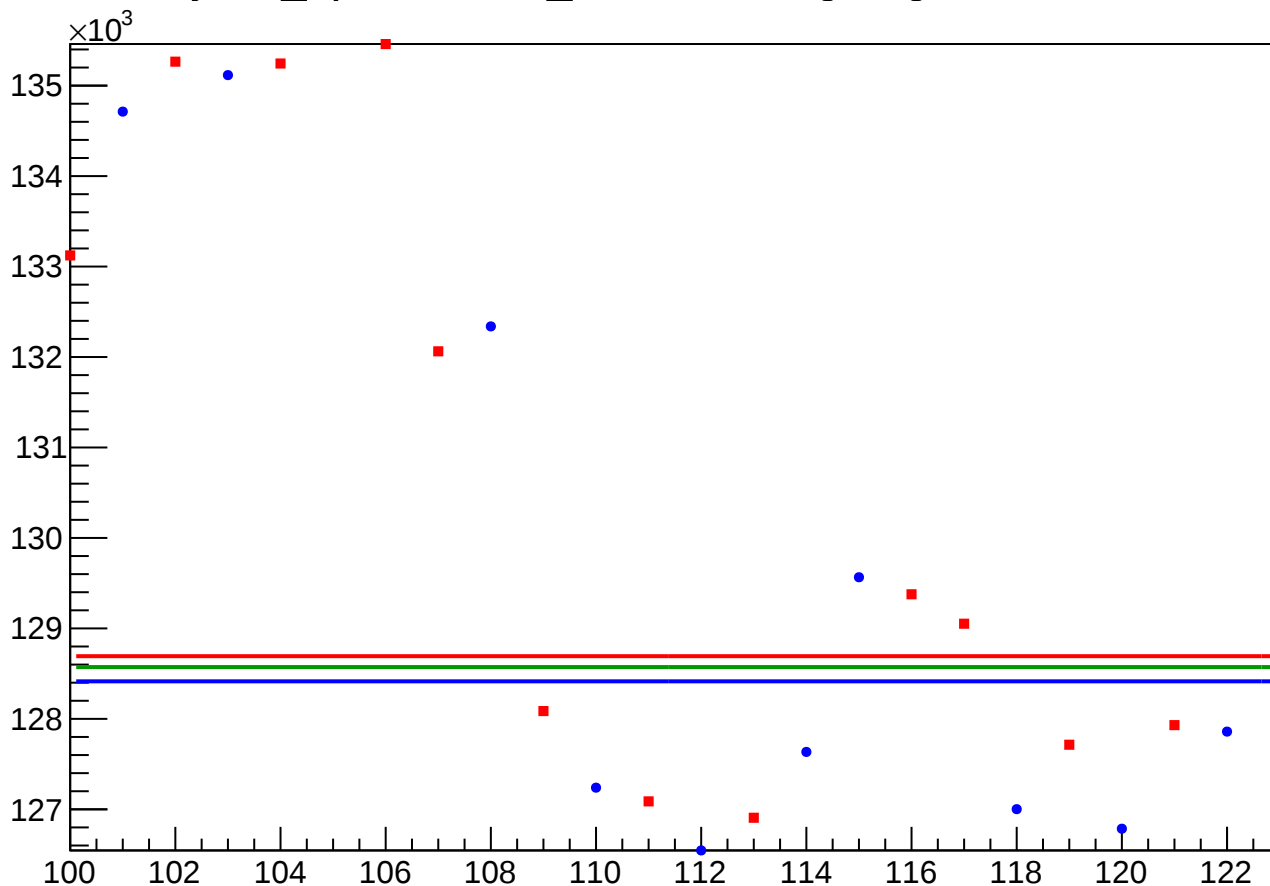
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.612 $\pm$ 0.058 χ^2 /NDF: 957935.6/10

145.994 $\pm$ 0.039 χ^2 /NDF: 2050445.7/22

143.799 $\pm$ 0.053 χ^2 /NDF: 1088777.0/11

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 128414.951 $\pm$ 0.092 χ^2 /NDF: 732398774.4/10

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

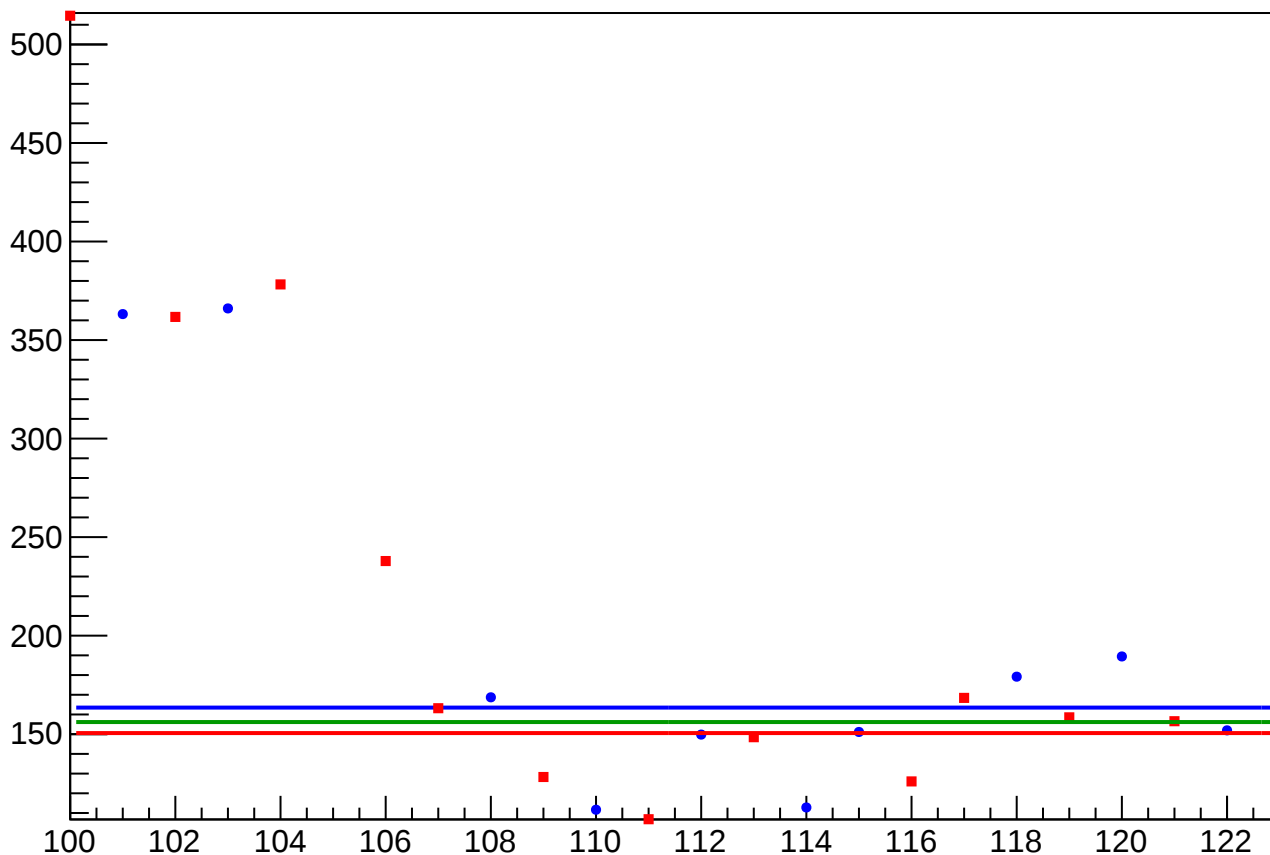
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128414.951 $\pm$ 0.092 χ^2 /NDF: 732398774.4/10

128572.620 $\pm$ 0.060 χ^2 /NDF: 161602753

128692.866 $\pm$ 0.080 χ^2 /NDF: 878420435.7/11

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 163.495+/-0.065 χ^2/NDF : 913525.2/10

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

Right Out: 150.563+/-0.057 χ^2/NDF : 1057494.5/11

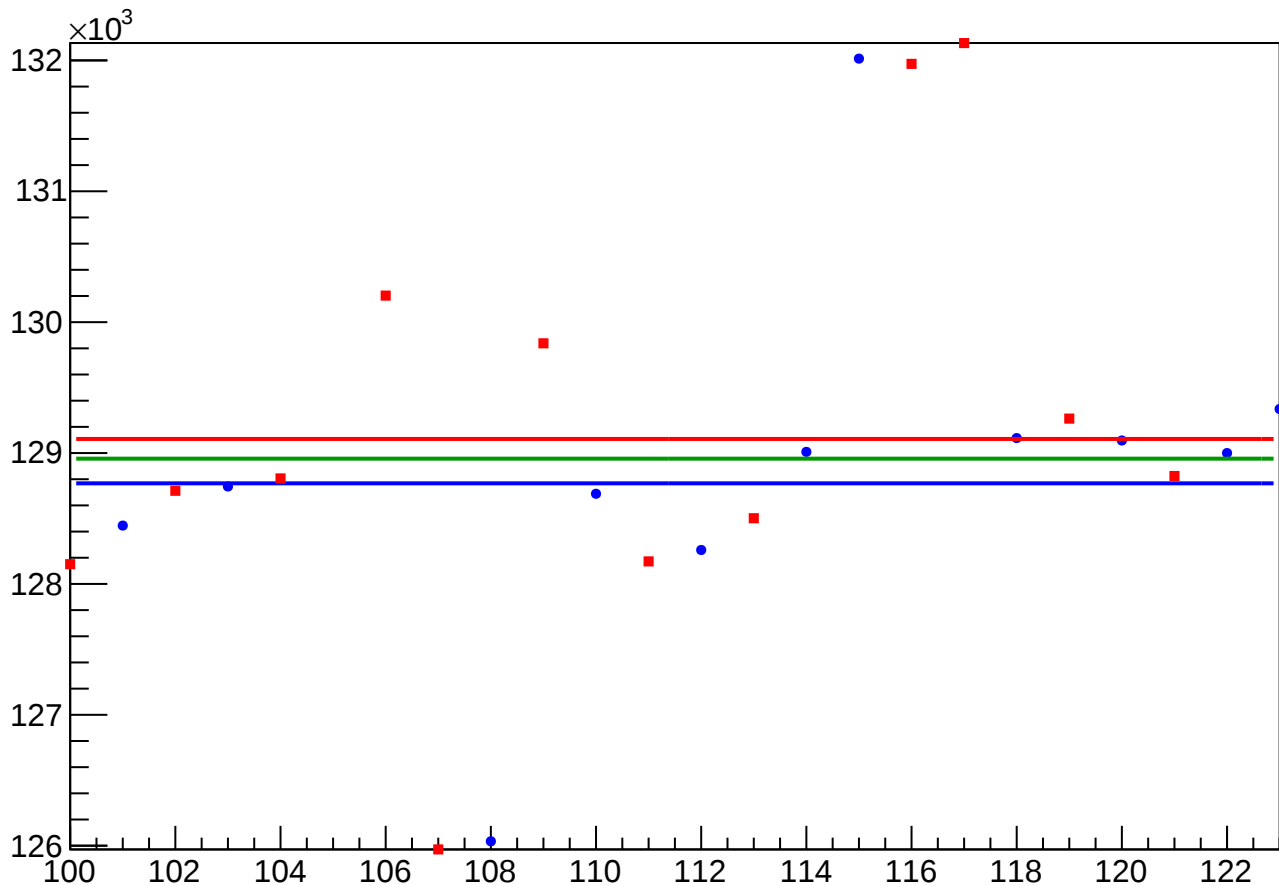
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.495+/-0.065 χ^2/NDF : 913525.2/10

156.158+/-0.043 χ^2/NDF : 1993573.5/22

150.563+/-0.057 χ^2/NDF : 1057494.5/11

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128768.601 $\pm$ 0.078 χ^2 /NDF: 278716994.9/10

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

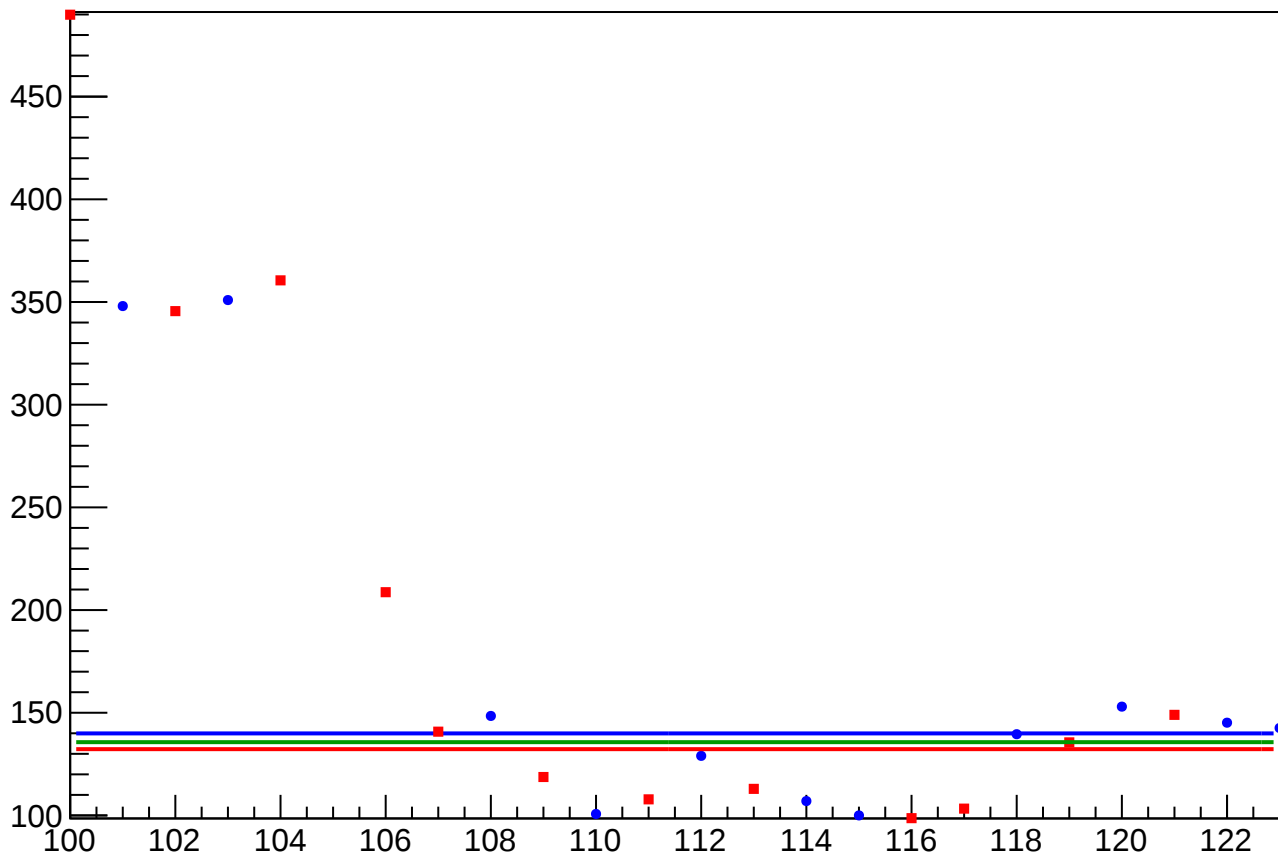
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128768.601 $\pm$ 0.078 χ^2 /NDF: 278716994.9/10

128957.138 $\pm$ 0.052 χ^2 /NDF: 776544341

129107.707 $\pm$ 0.069 χ^2 /NDF: 487204528.9/11

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 139.941+/-0.055 χ^2/NDF : 1006103.3/10

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

Right Out: 132.274+/-0.049 χ^2/NDF : 1108881.9/11

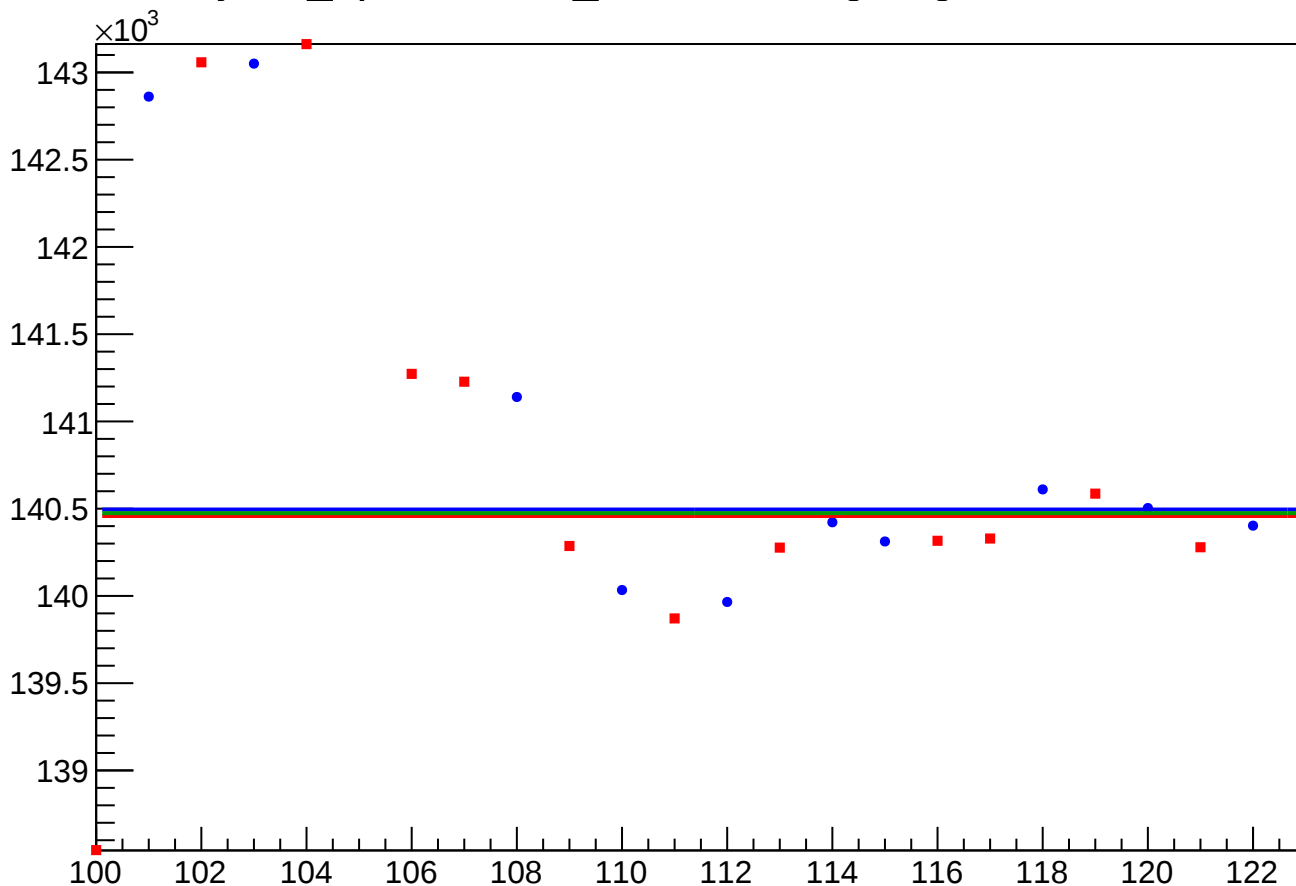
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.941+/-0.055 χ^2/NDF : 1006103.3/10

135.678+/-0.037 χ^2/NDF : 2125845.8/22

132.274+/-0.049 χ^2/NDF : 1108881.9/11

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140495.109 $\pm$ 0.083 χ^2 /NDF: 62824808.9/10

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

140495.109 $\pm$ 0.083 χ^2 /NDF: 62824808.9/10

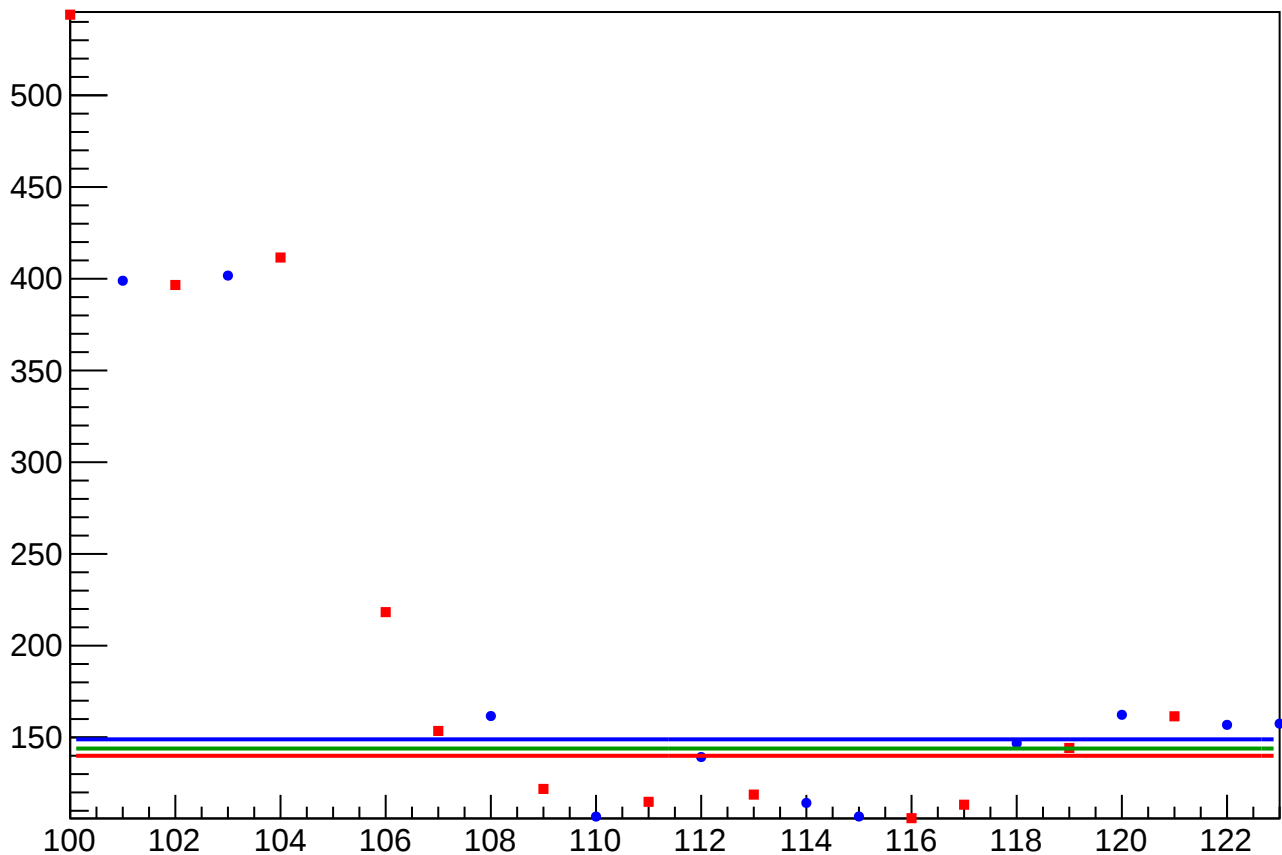
140474.429 $\pm$ 0.055 χ^2 /NDF: 135295887

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: 148.942 $\pm$ 0.059 χ^2 /NDF: 1091550.3/10

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

Right Out: 139.981 $\pm$ 0.052 χ^2 /NDF: 1194099.9/11

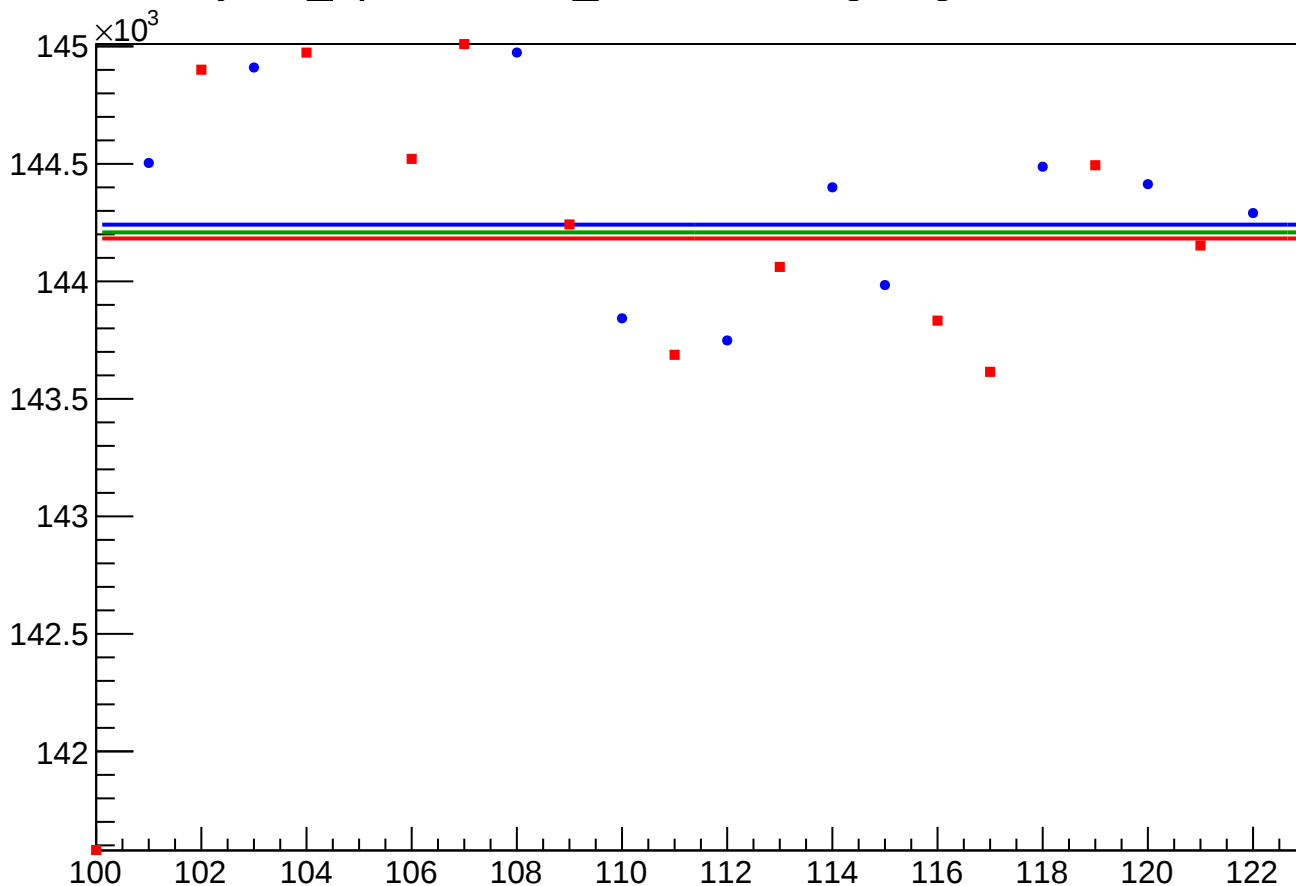
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.942 $\pm$ 0.059 χ^2 /NDF: 1091550.3/10

143.932 $\pm$ 0.039 χ^2 /NDF: 2298713.7/22

139.981 $\pm$ 0.052 χ^2 /NDF: 1194099.9/11

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144241.362 ± 0.086 $\chi^2/\text{NDF}: 20908782.5/10$

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

Right Out: 144182.530 ± 0.077 $\chi^2/\text{NDF}: 29014899.7/11$

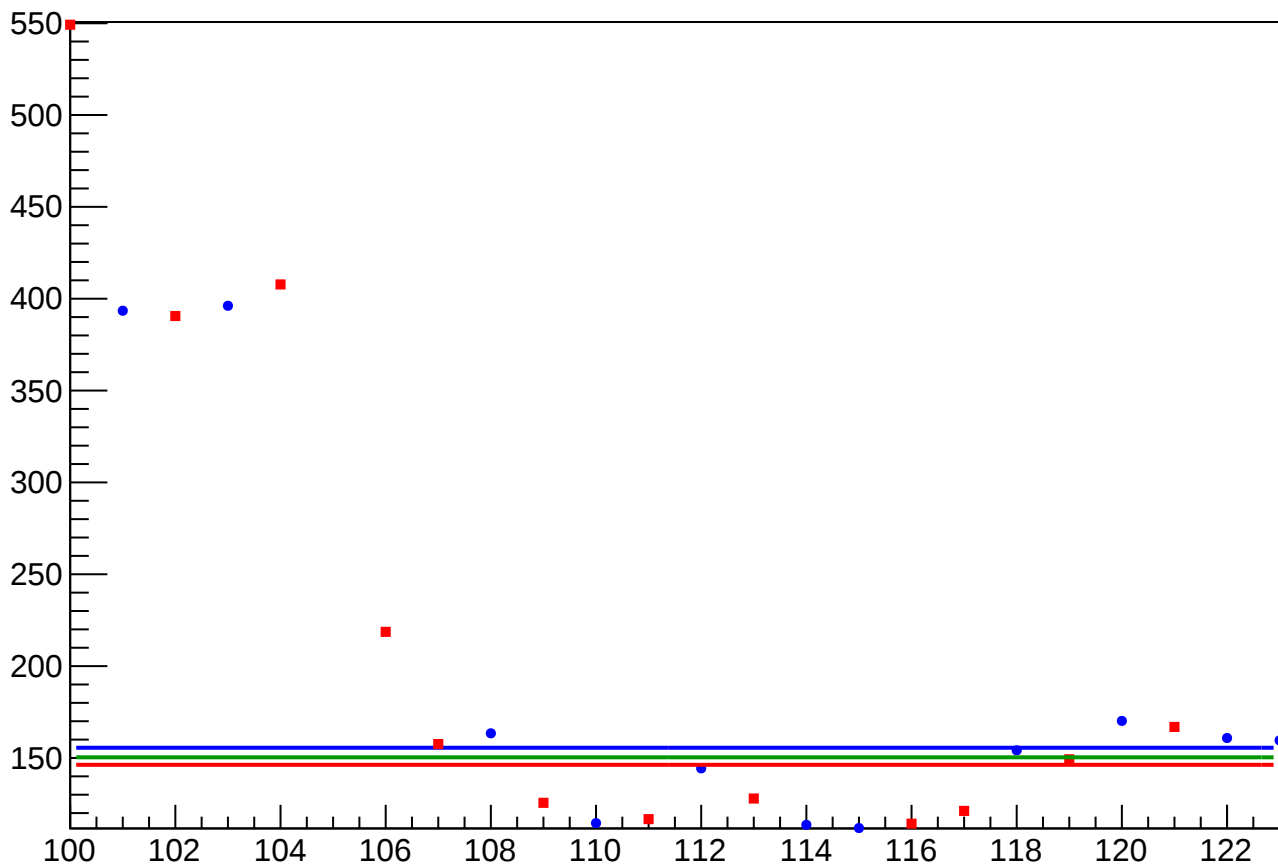
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

144241.362 ± 0.086 $\chi^2/\text{NDF}: 20908782.5/10$

144208.460 ± 0.057 $\chi^2/\text{NDF}: 50184299.2$

144182.530 ± 0.077 $\chi^2/\text{NDF}: 29014899.7/11$

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 155.569+/-0.061 χ^2/NDF : 1016301.2/10

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

Right Out: 146.273+/-0.054 χ^2/NDF : 1120868.6/11

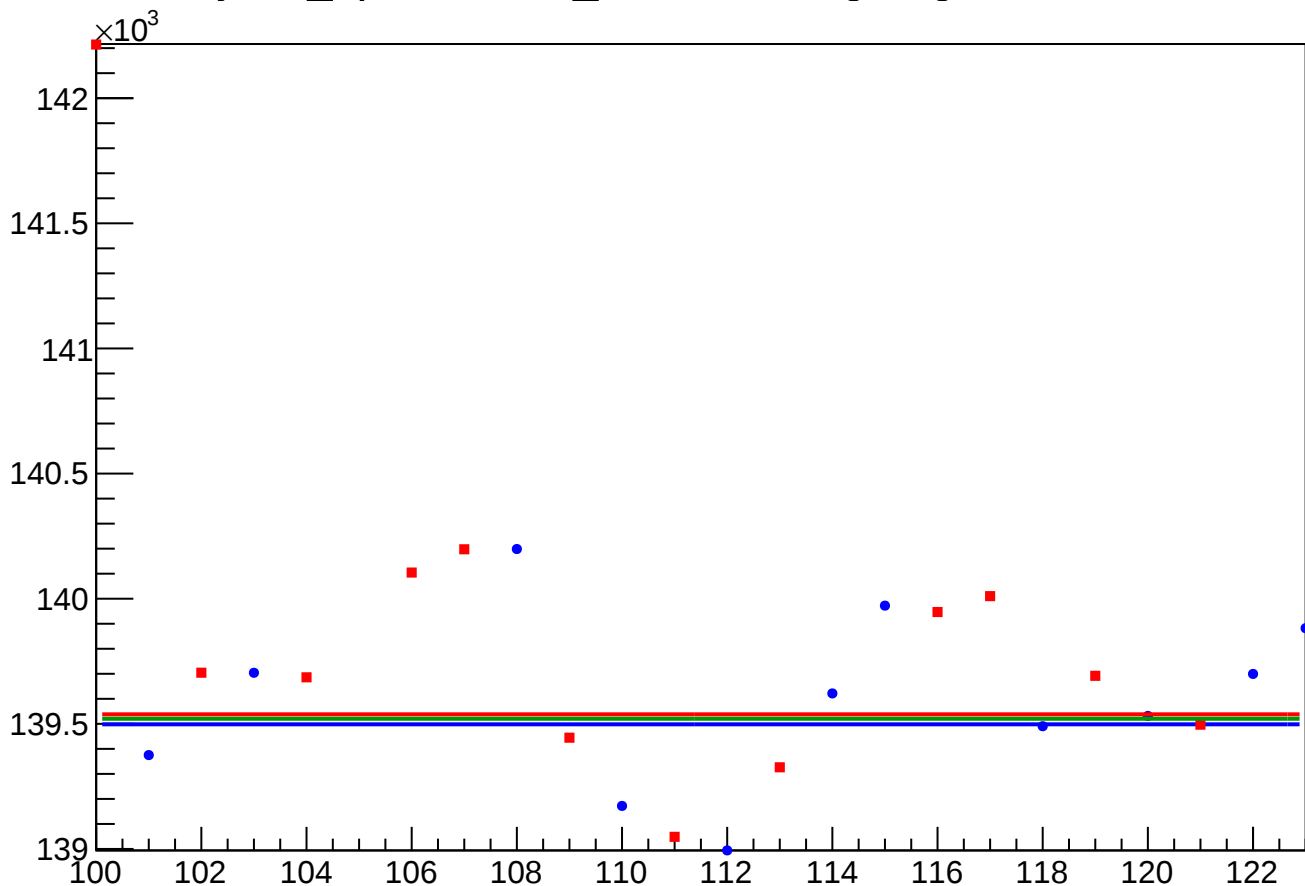
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

155.569+/-0.061 χ^2/NDF : 1016301.2/10

150.370+/-0.040 χ^2/NDF : 2150182.3/22

146.273+/-0.054 χ^2/NDF : 1120868.6/11

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139498.131 $\pm$ 0.087 χ^2 /NDF: 17533685.7/10

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

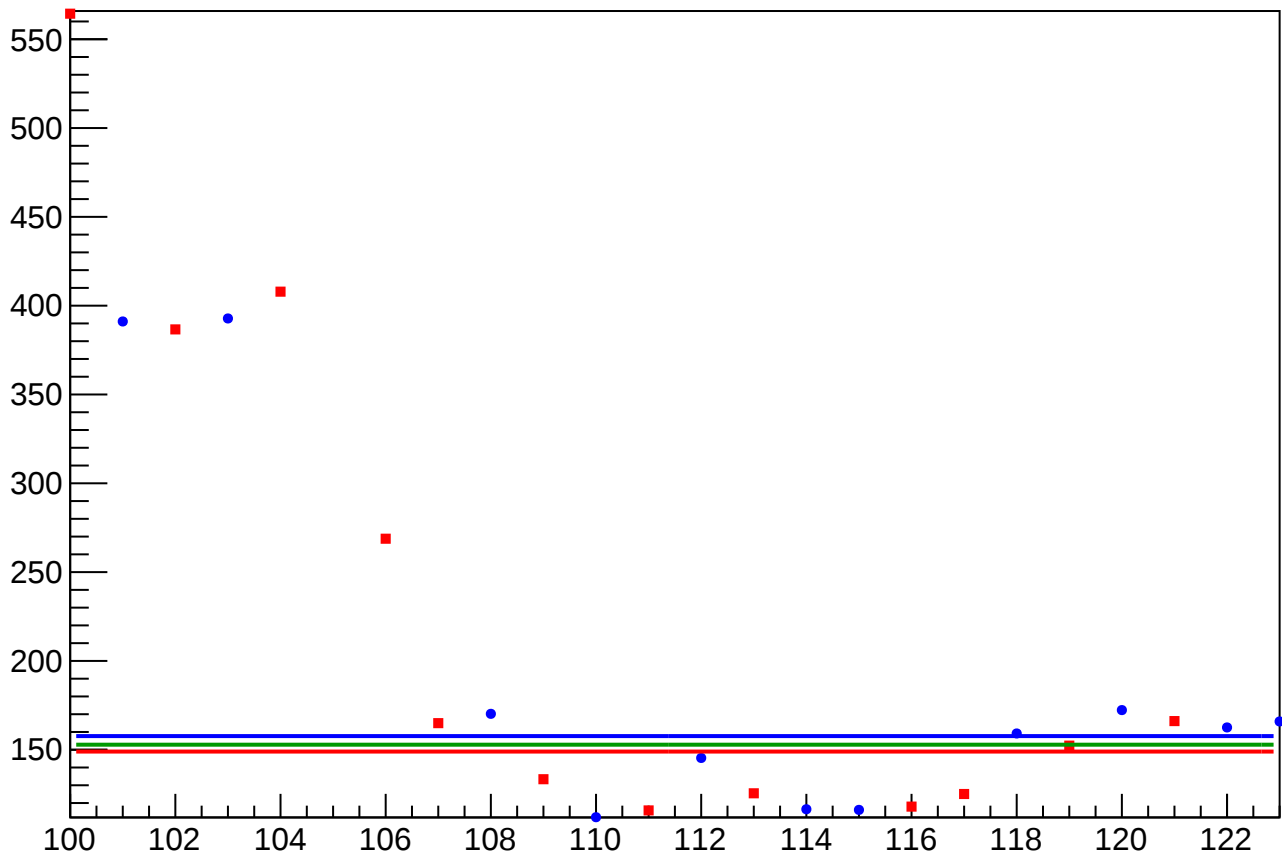
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139498.131 $\pm$ 0.087 χ^2 /NDF: 17533685.7/10

139520.319 $\pm$ 0.058 χ^2 /NDF: 39134185.8/10

139538.031 $\pm$ 0.078 χ^2 /NDF: 21484811.0/11

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 157.687+/-0.062 χ^2/NDF : 1010430.5/10

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

Right Out: 148.977+/-0.055 χ^2/NDF : 1153738.0/11

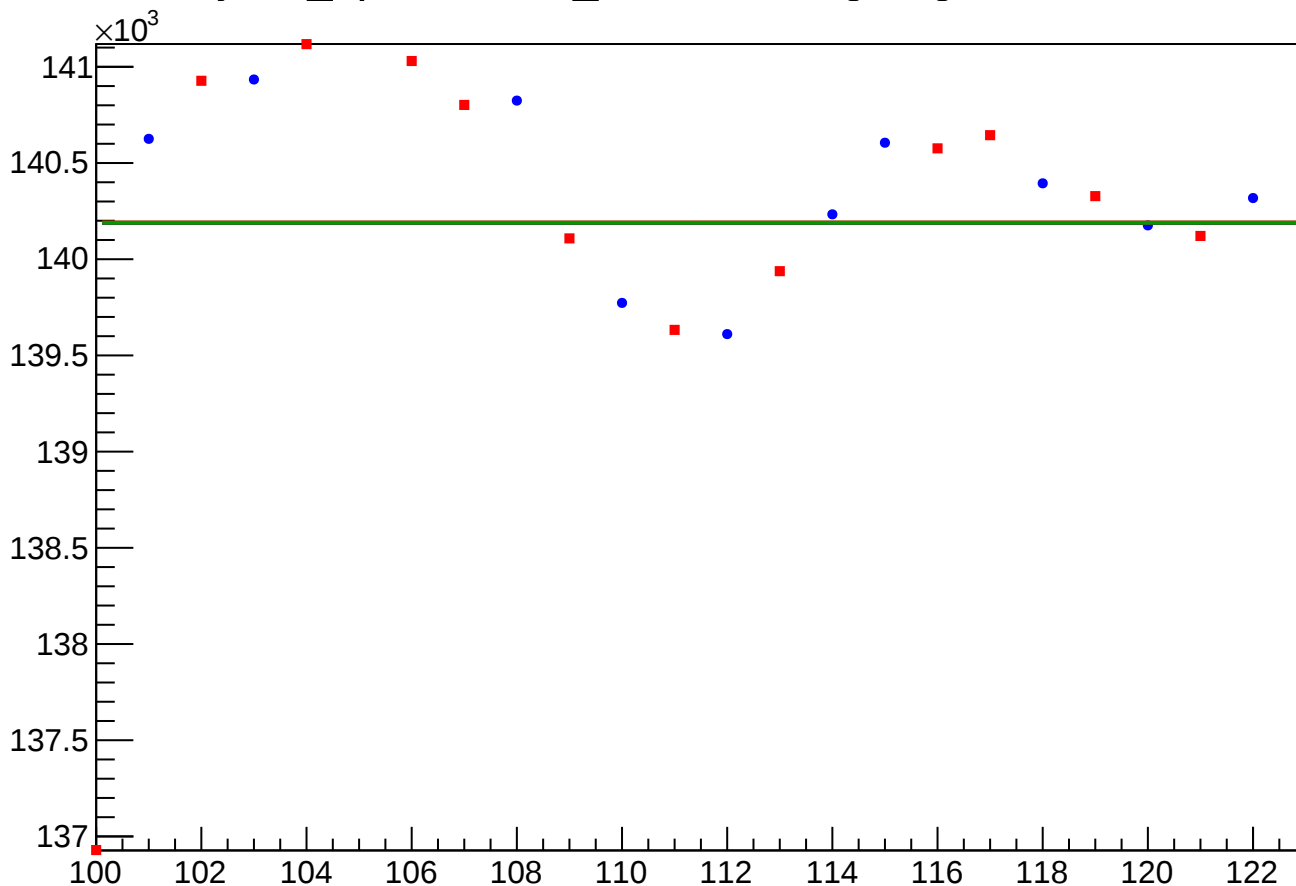
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

157.687+/-0.062 χ^2/NDF : 1010430.5/10

152.843+/-0.041 χ^2/NDF : 2175195.2/22

148.977+/-0.055 χ^2/NDF : 1153738.0/11

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140188.252 $\pm$ 0.088 χ^2 /NDF: 22163021.7/10

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

140188.252 $\pm$ 0.088 χ^2 /NDF: 22163021.7/10

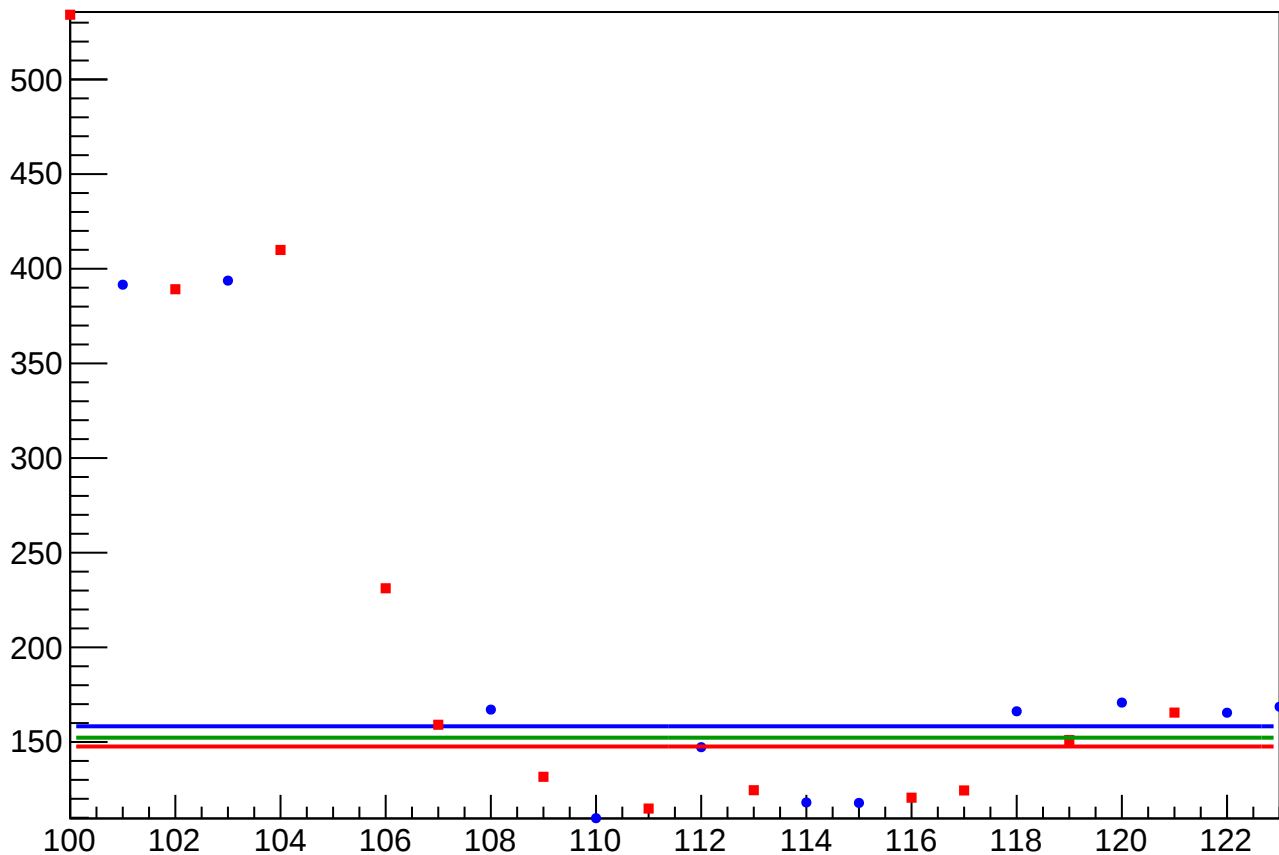
140189.639 $\pm$ 0.058 χ^2 /NDF: 53225274.2

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: 158.301+/-0.062 χ^2/NDF : 1022429.8/10

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

Right Out: 147.620+/-0.055 χ^2/NDF : 1115501.1/11

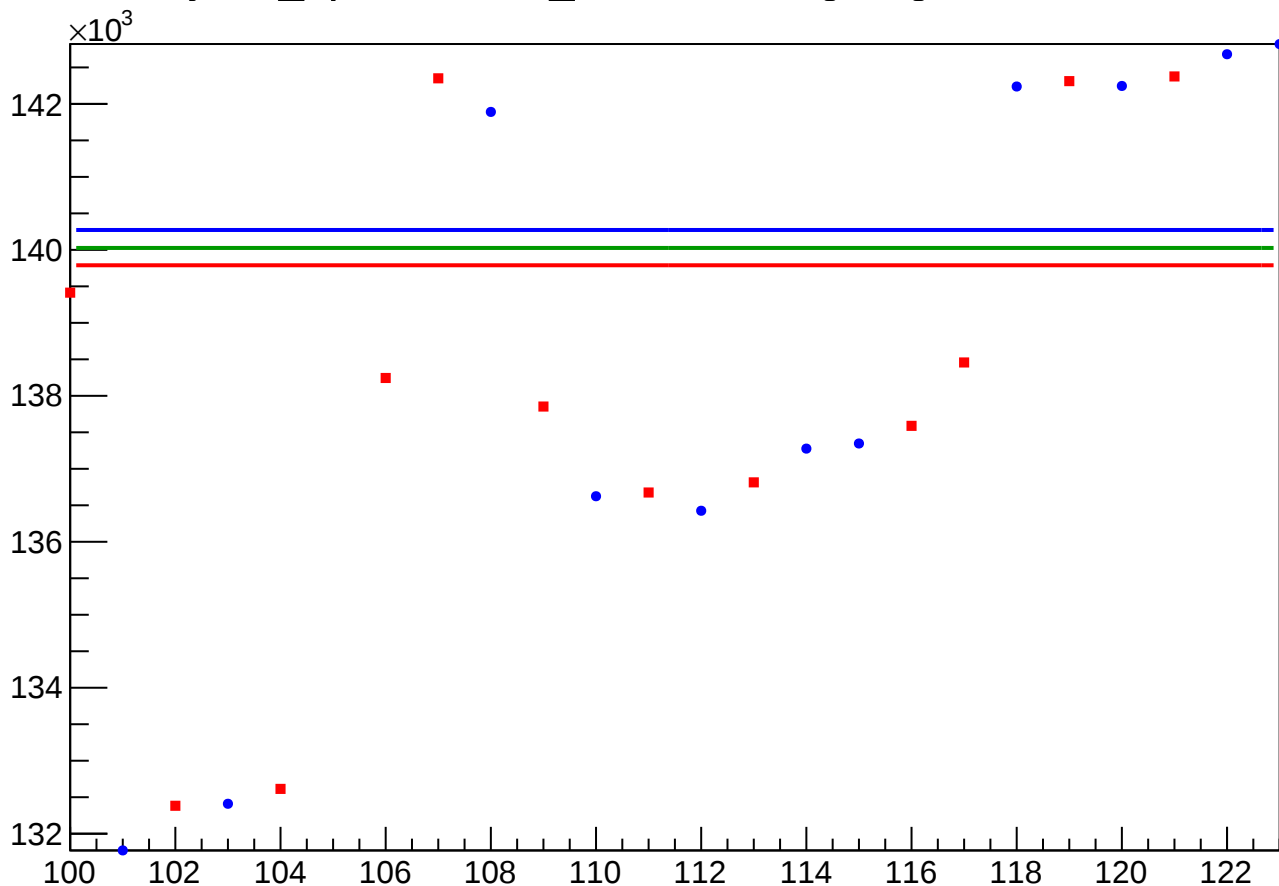
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

158.301+/-0.062 χ^2/NDF : 1022429.8/10

152.282+/-0.041 χ^2/NDF : 2154576.6/22

147.620+/-0.055 χ^2/NDF : 1115501.1/11

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140272.557 $\pm$ 0.134 χ^2 /NDF: 650037619.4/10

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

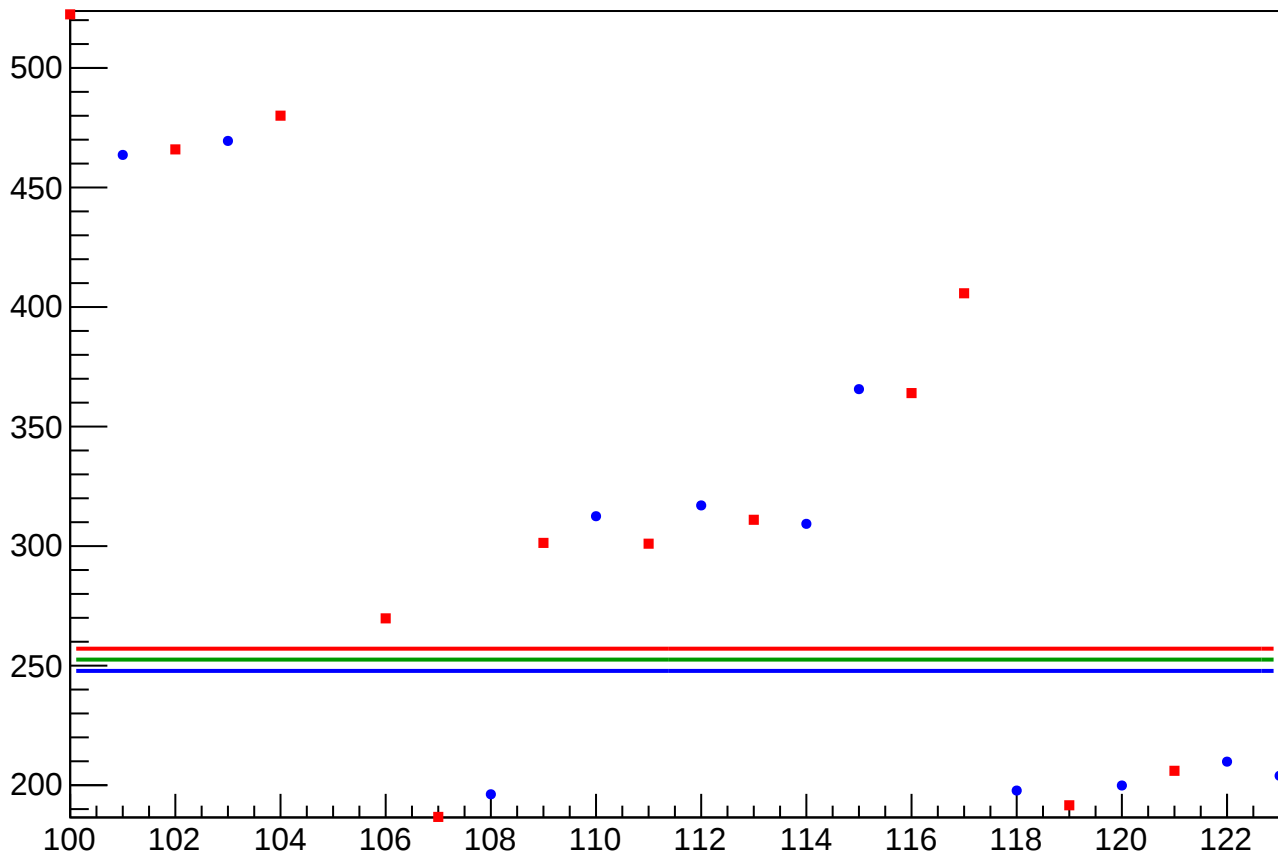
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140272.557 $\pm$ 0.134 χ^2 /NDF: 650037619.4/10

140026.375 $\pm$ 0.094 χ^2 /NDF: 123580149

139788.921 $\pm$ 0.132 χ^2 /NDF: 579157497.6/11

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 247.801+/-0.095 χ^2/NDF : 794805.5/10

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

Right Out: 257.097+/-0.093 χ^2/NDF : 841874.8/11

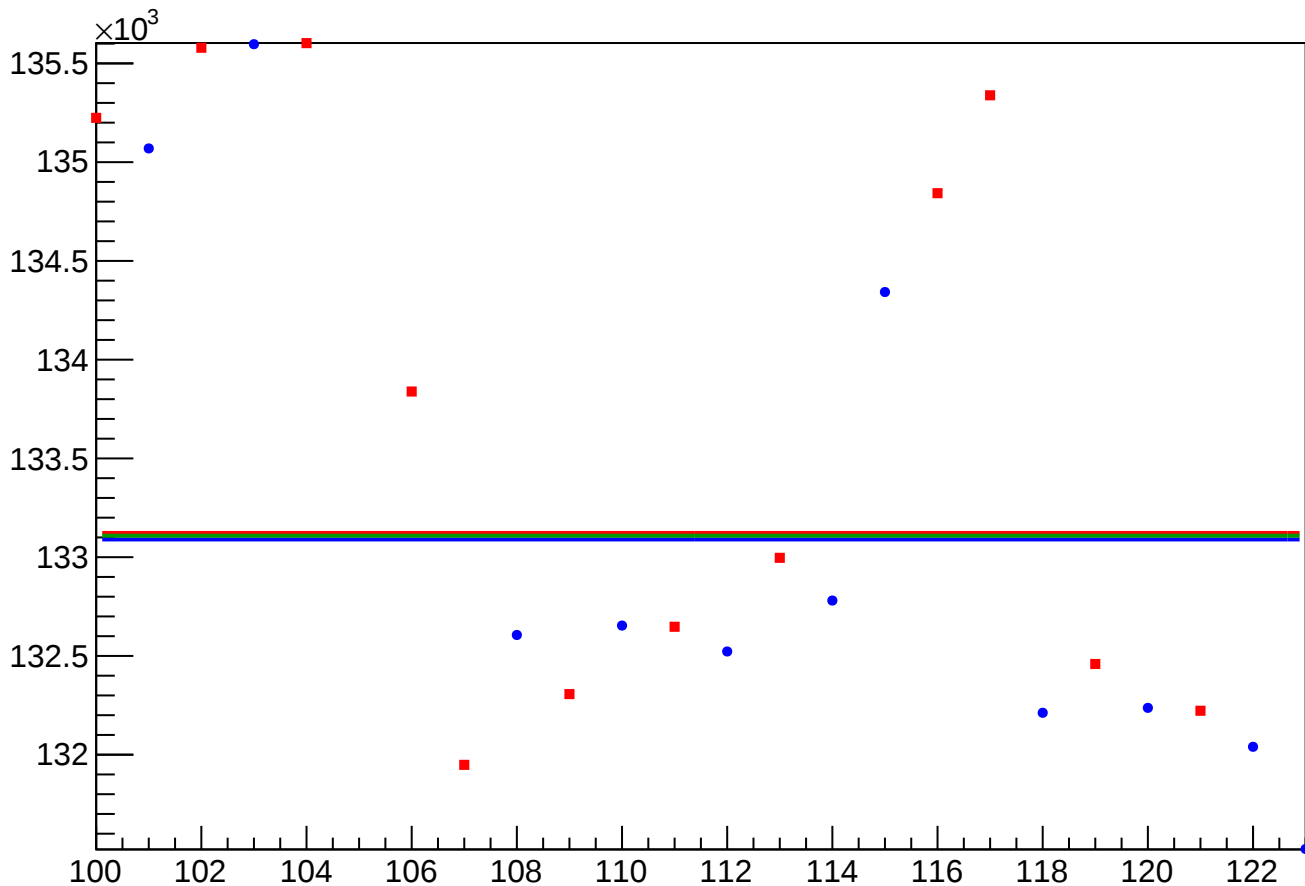
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

247.801+/-0.095 χ^2/NDF : 794805.5/10

252.533+/-0.067 χ^2/NDF : 1641561.8/22

257.097+/-0.093 χ^2/NDF : 841874.8/11

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133089.818 $\pm$ 0.142 χ^2 /NDF: 62459955.4/10

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

133089.818 $\pm$ 0.142 χ^2 /NDF: 62459955.4/10

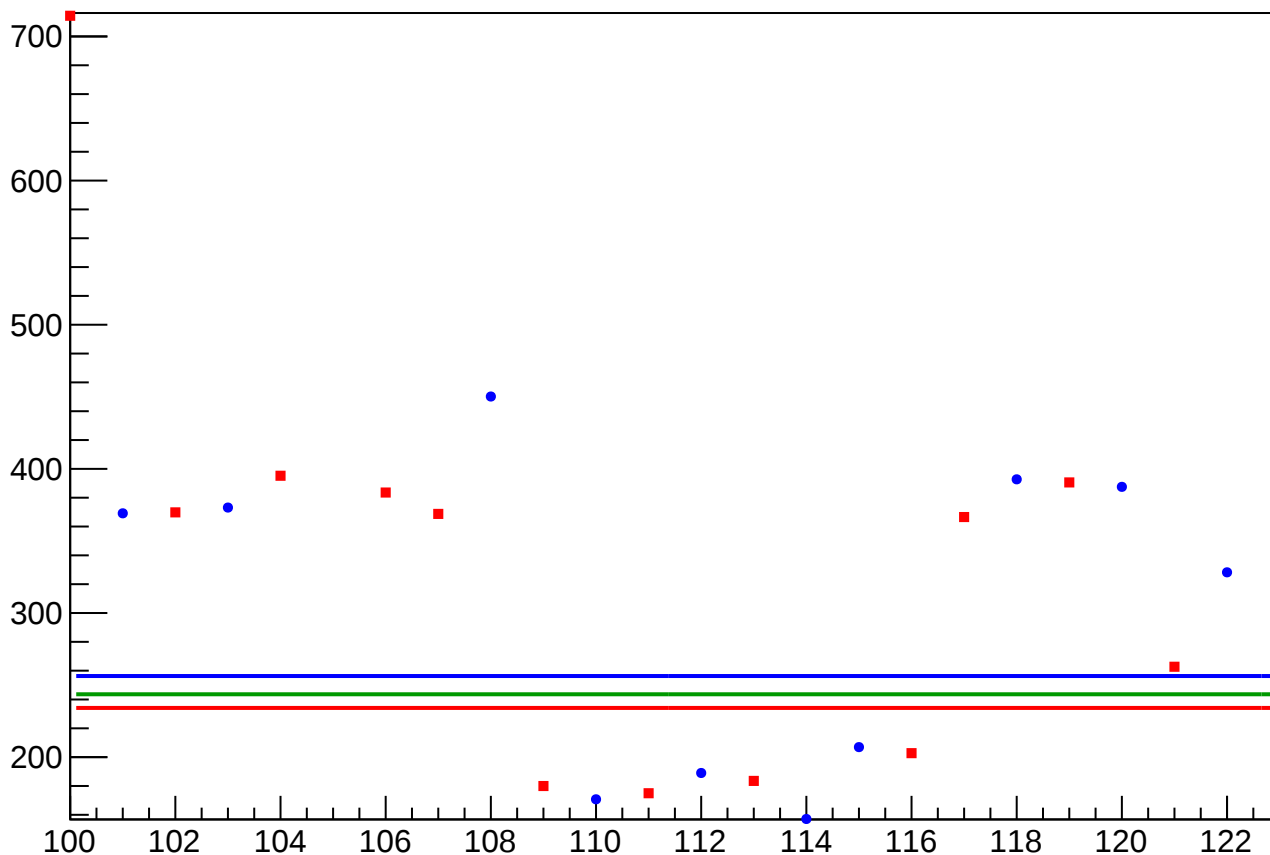
133108.635 $\pm$ 0.093 χ^2 /NDF: 147913700

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: 256.284 $\pm$ 0.100 χ^2 /NDF: 978879.3/10

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

Right Out: 234.150 $\pm$ 0.087 χ^2 /NDF: 970137.2/11

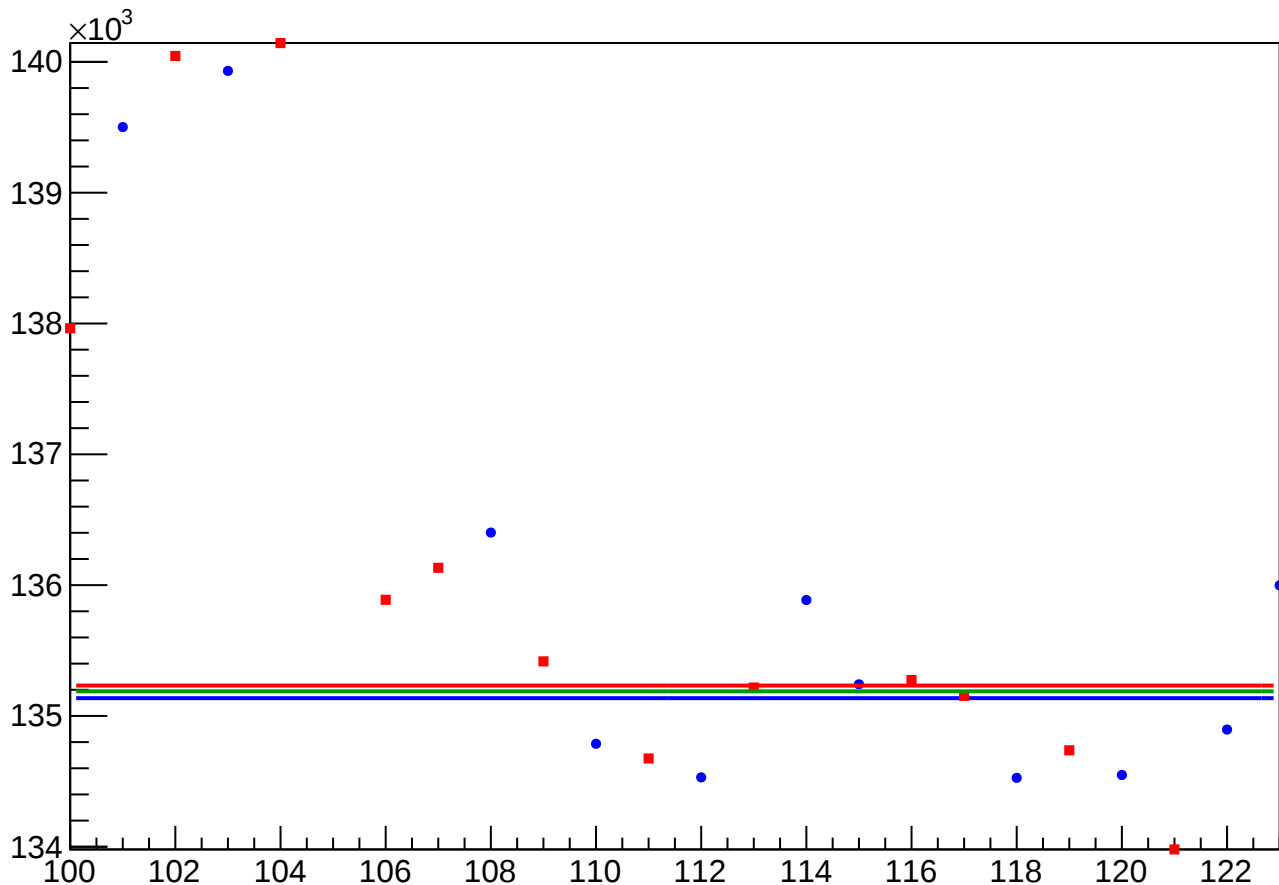
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

256.284 $\pm$ 0.100 χ^2 /NDF: 978879.3/10

243.623 $\pm$ 0.066 χ^2 /NDF: 1976968.5/22

234.150 $\pm$ 0.087 χ^2 /NDF: 970137.2/11

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135135.959 $\pm$ 0.067 χ^2 /NDF: 261291604.0/10

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

135135.959 $\pm$ 0.067 χ^2 /NDF: 261291604.0/10

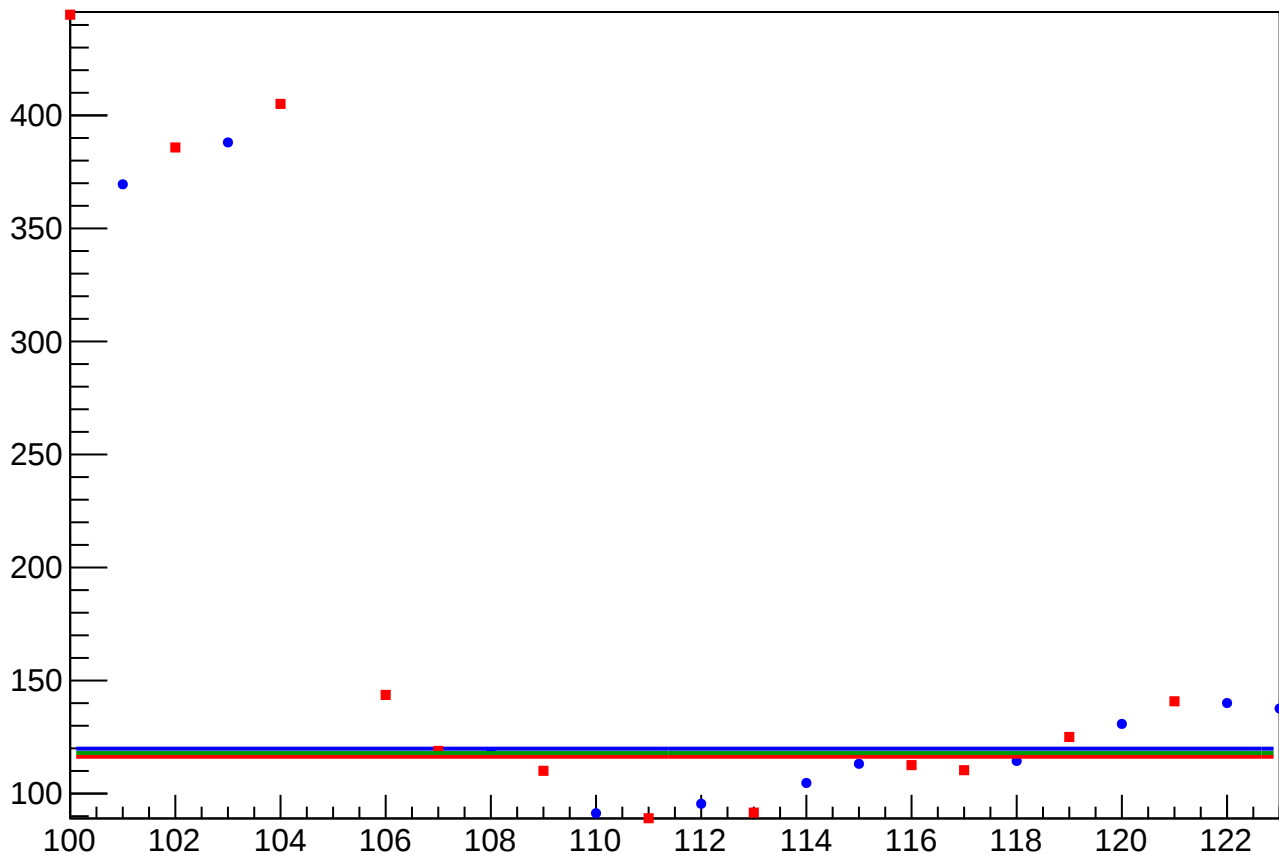
135188.001 $\pm$ 0.046 χ^2 /NDF: 502170189

Right Out: 135232.271 $\pm$ 0.062 χ^2 /NDF: 239777636.1/11

135232.271 $\pm$ 0.062 χ^2 /NDF: 239777636.1/11

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

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 119.861+/-0.048 χ^2/NDF : 1226053.4/10

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

Right Out: 116.303+/-0.044 χ^2/NDF : 1295541.8/11

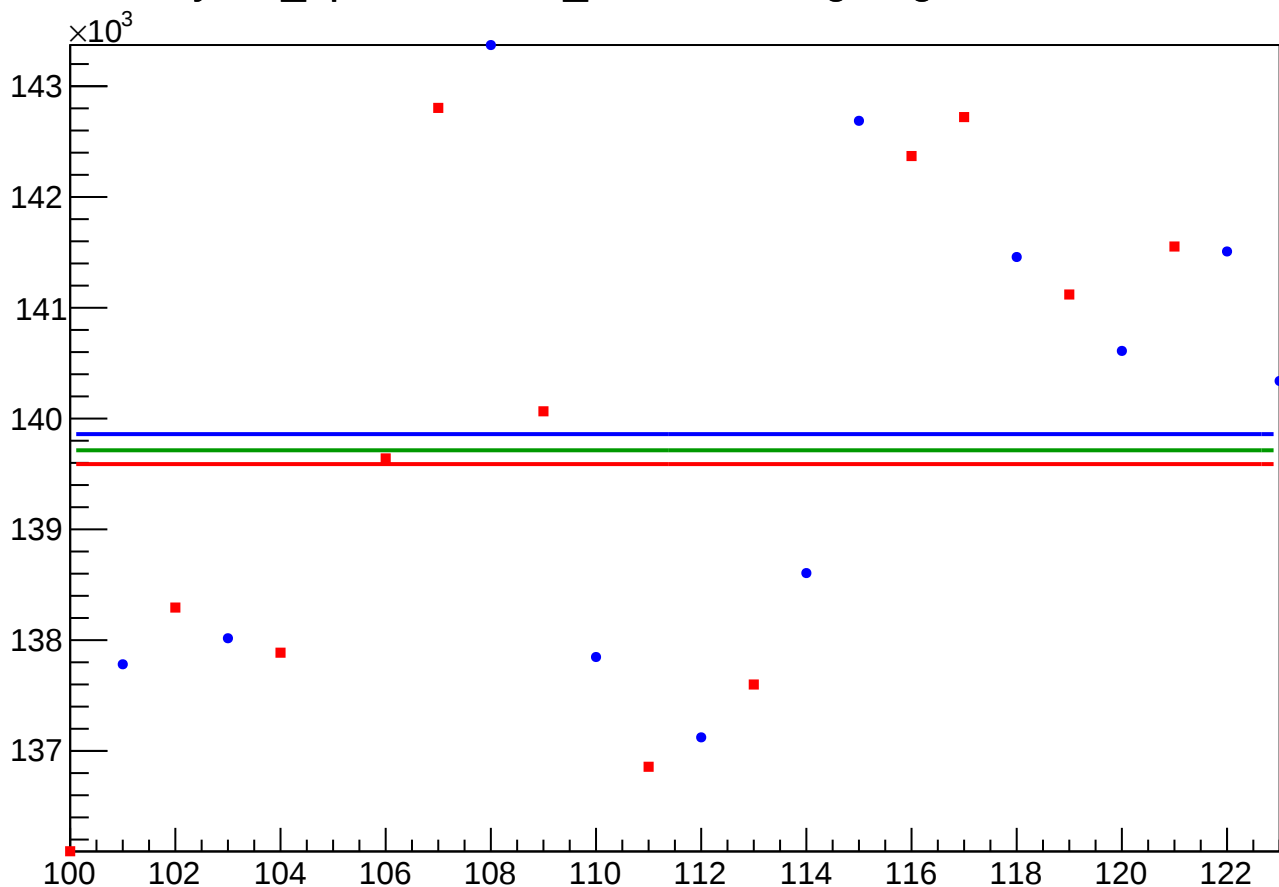
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.861+/-0.048 χ^2/NDF : 1226053.4/10

117.939+/-0.032 χ^2/NDF : 2524601.0/22

116.303+/-0.044 χ^2/NDF : 1295541.8/11

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139859.628 $\pm$ 0.080 χ^2 /NDF: 726837426.4/10

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

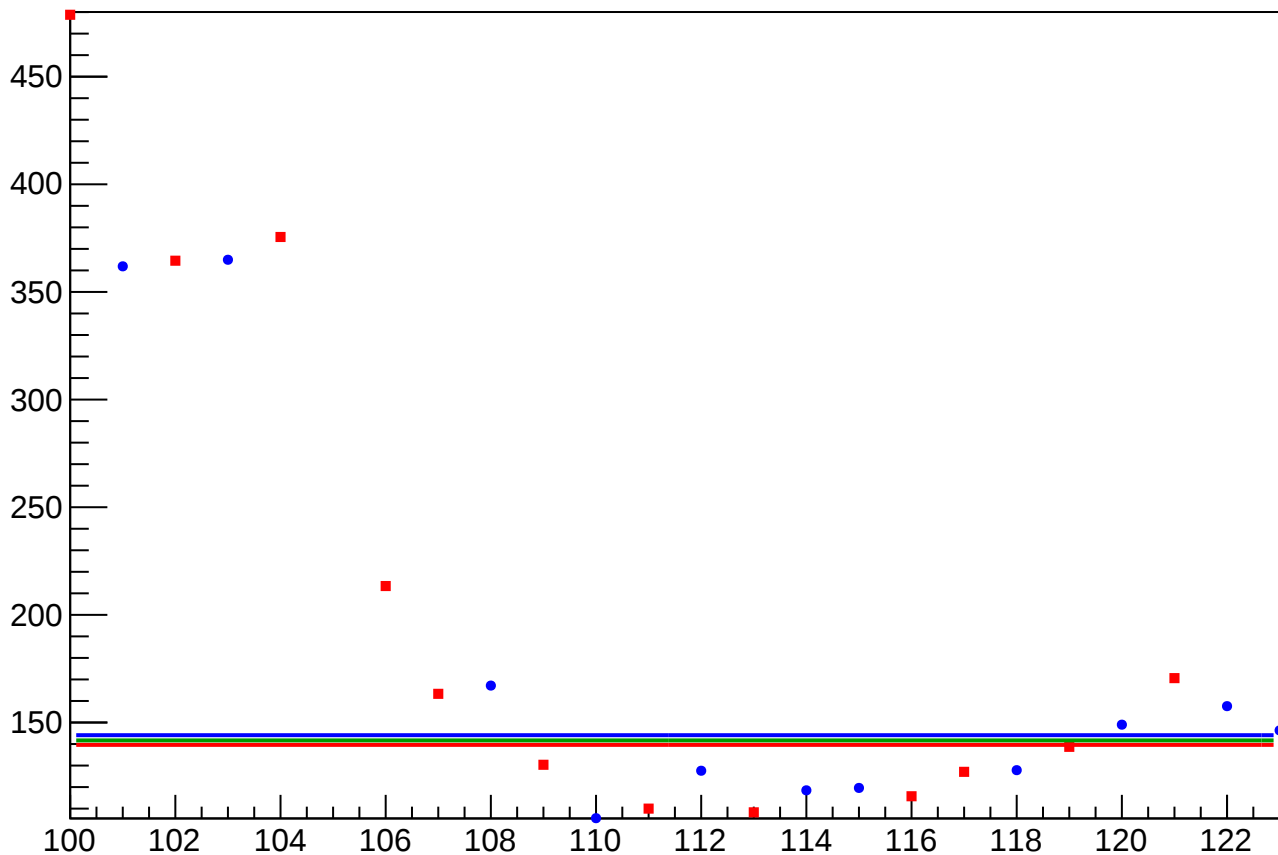
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139859.628 $\pm$ 0.080 χ^2 /NDF: 726837426.4/10

139713.695 $\pm$ 0.054 χ^2 /NDF: 157282643

139589.052 $\pm$ 0.074 χ^2 /NDF: 839774495.9/11

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 144.103+/-0.056 χ^2/NDF : 1001343.2/10

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

Right Out: 139.615+/-0.052 χ^2/NDF : 1123818.5/11

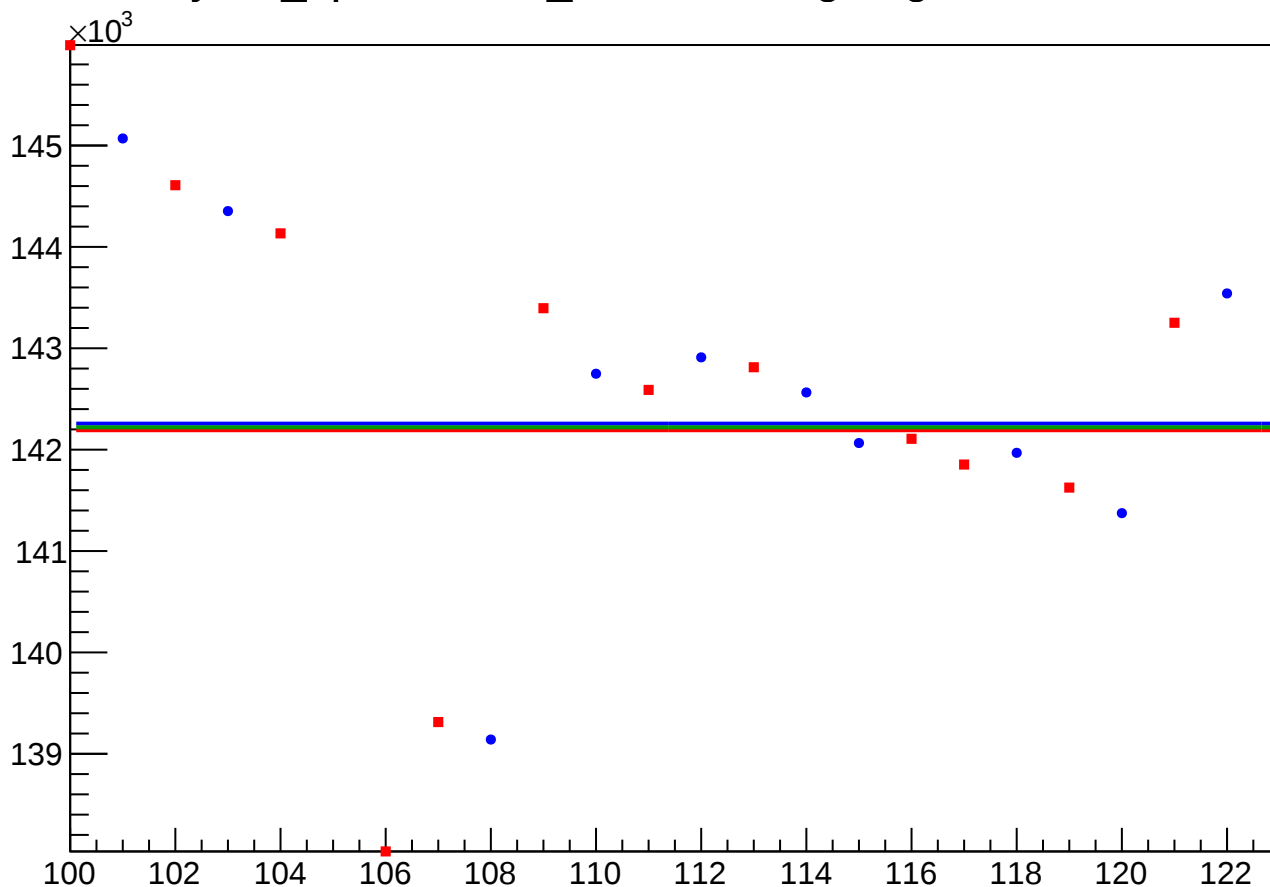
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.103+/-0.056 χ^2/NDF : 1001343.2/10

141.683+/-0.038 χ^2/NDF : 2128581.8/22

139.615+/-0.052 χ^2/NDF : 1123818.5/11

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142256.750 $\pm$ 0.086 χ^2 /NDF: 281015313.6/10

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

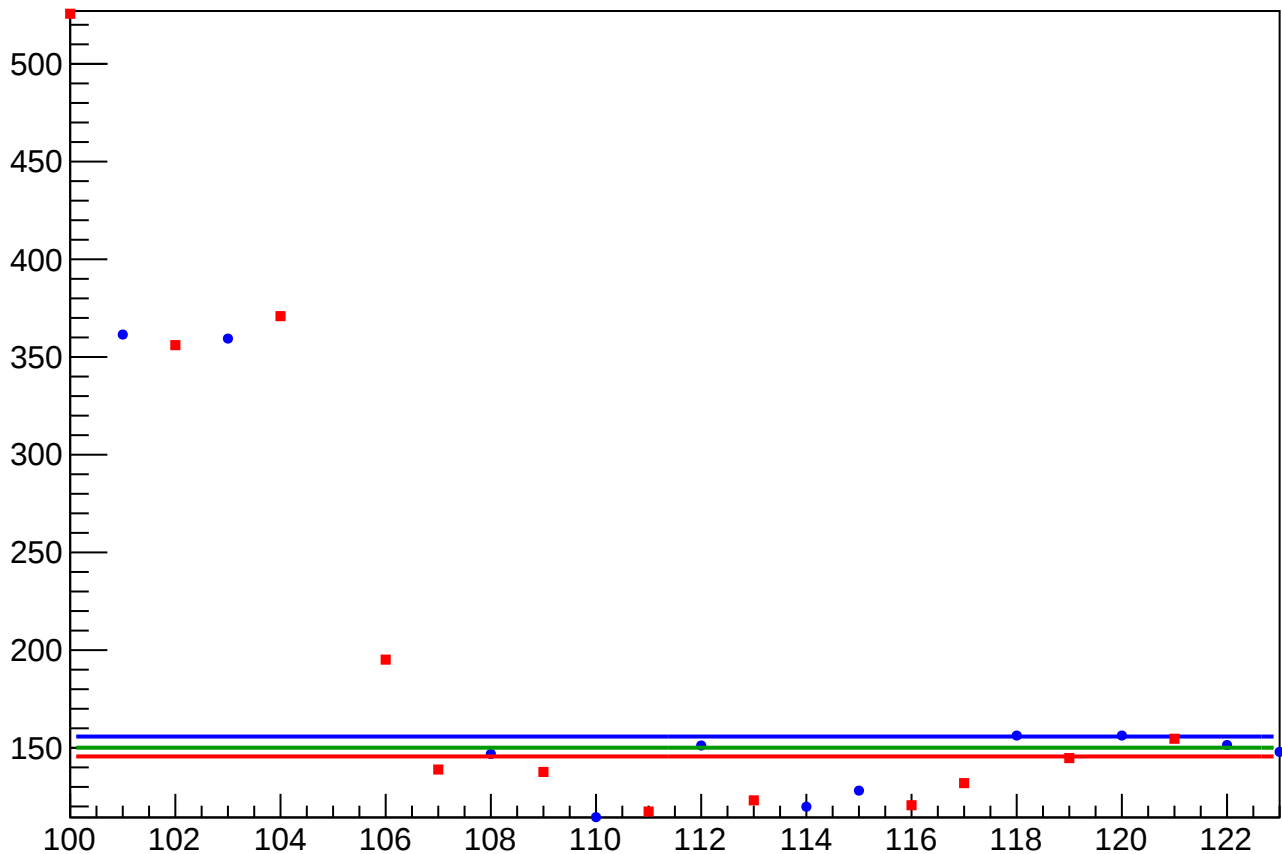
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142256.750 $\pm$ 0.086 χ^2 /NDF: 281015313.6/10

142220.360 $\pm$ 0.057 χ^2 /NDF: 658520883

142191.733 $\pm$ 0.076 χ^2 /NDF: 377183356.0/11

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 155.784+/-0.061 χ^2/NDF : 863306.5/10

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

Right Out: 145.590+/-0.054 χ^2/NDF : 951961.6/11

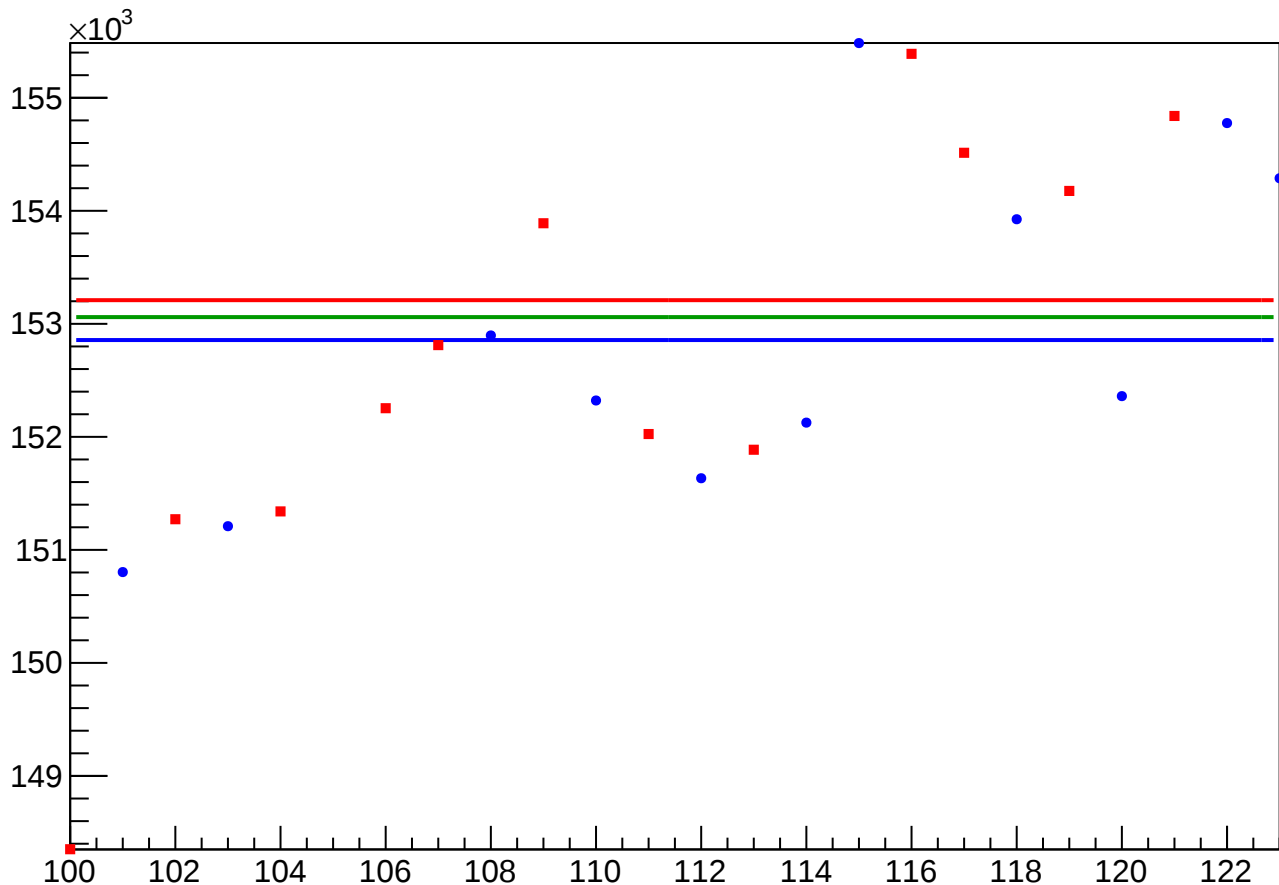
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

155.784+/-0.061 χ^2/NDF : 863306.5/10

150.078+/-0.040 χ^2/NDF : 1831109.2/22

145.590+/-0.054 χ^2/NDF : 951961.6/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152856.549 $\pm$ 0.101 χ^2 /NDF: 153436590.0/10

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

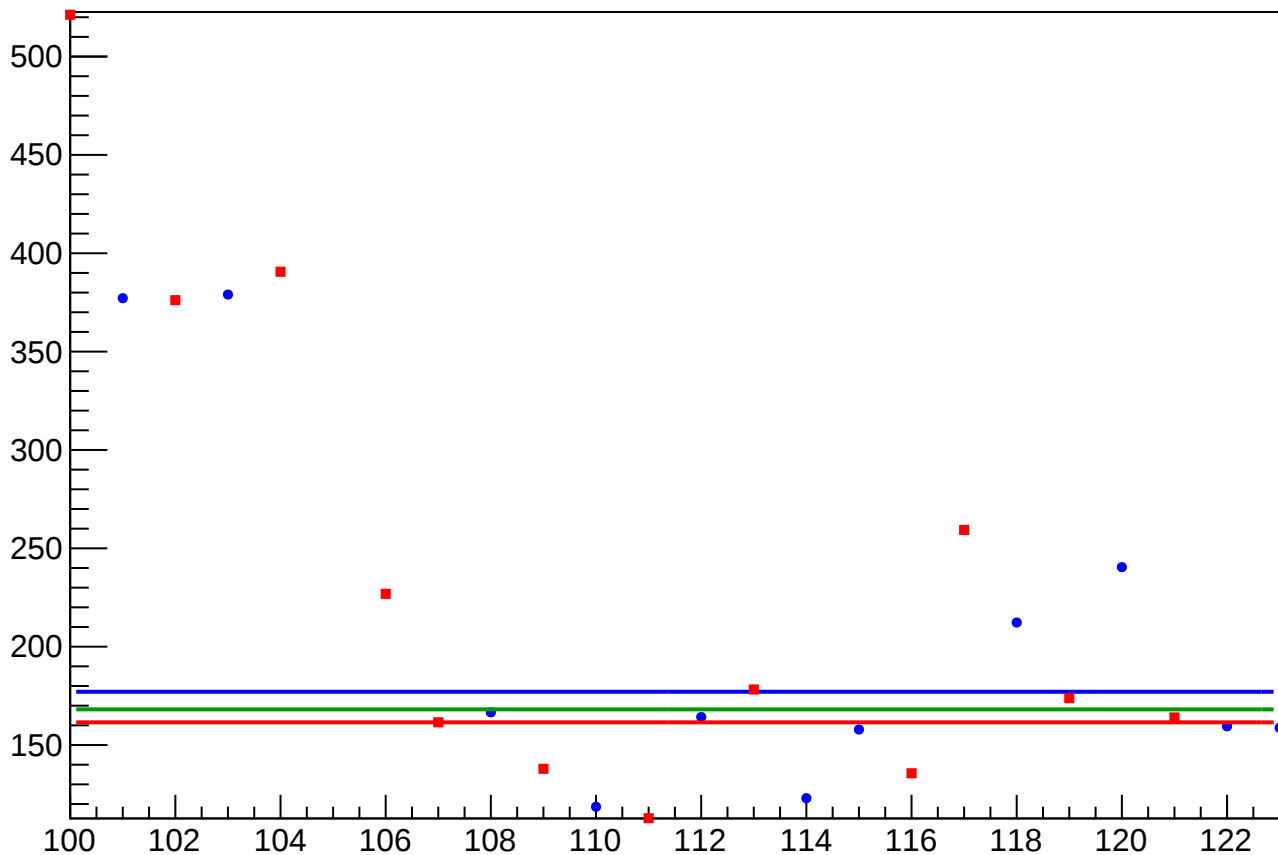
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152856.549 $\pm$ 0.101 χ^2 /NDF: 153436590.0/10

153059.592 $\pm$ 0.066 χ^2 /NDF: 376357682

153209.368 $\pm$ 0.087 χ^2 /NDF: 215927077.4/11

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 177.080+/-0.072 χ^2/NDF : 922174.0/10

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

Right Out: 161.530+/-0.061 χ^2/NDF : 1016512.3/11

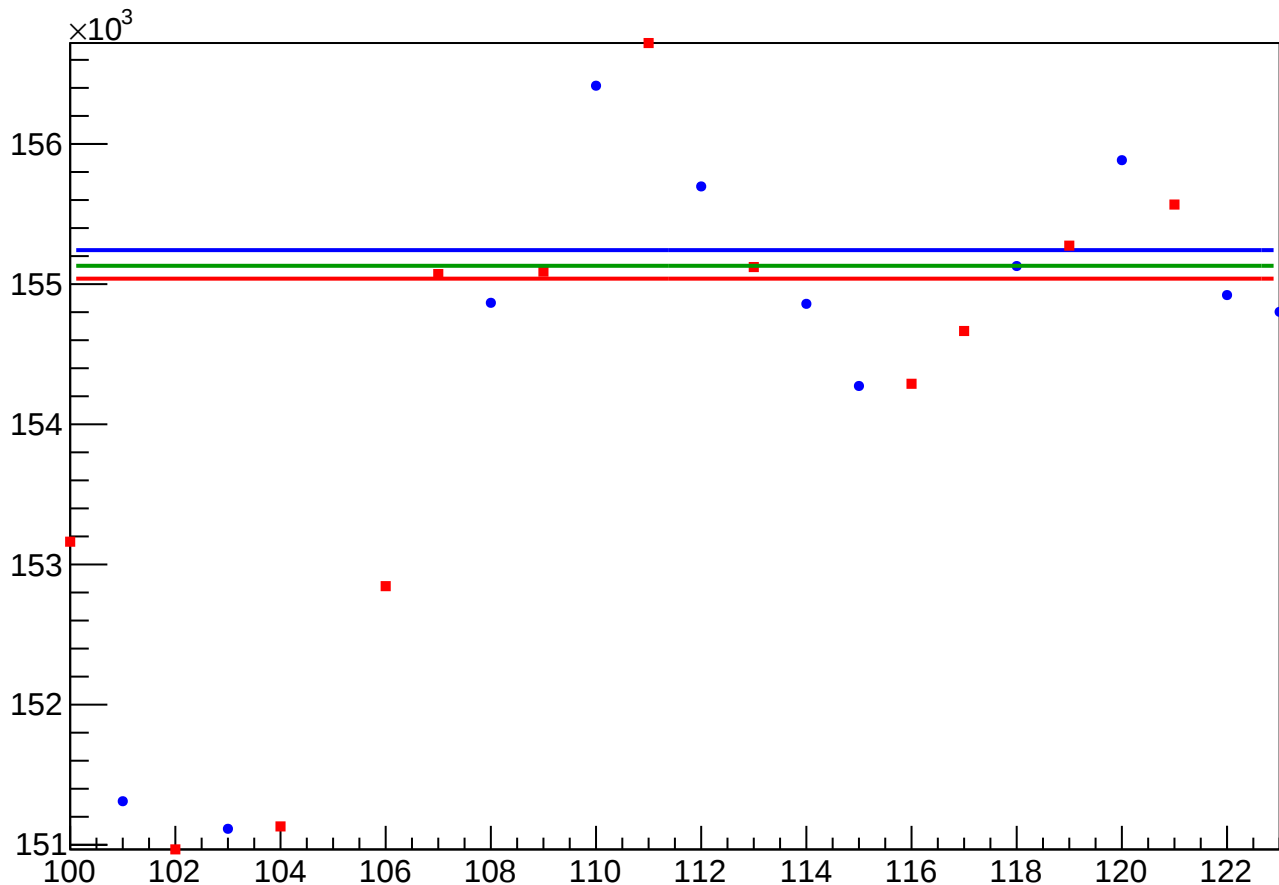
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.080+/-0.072 χ^2/NDF : 922174.0/10

168.131+/-0.047 χ^2/NDF : 1965857.0/22

161.530+/-0.061 χ^2/NDF : 1016512.3/11

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 155242.631 $\pm$ 0.082 χ^2 /NDF: 169504135.4/10

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

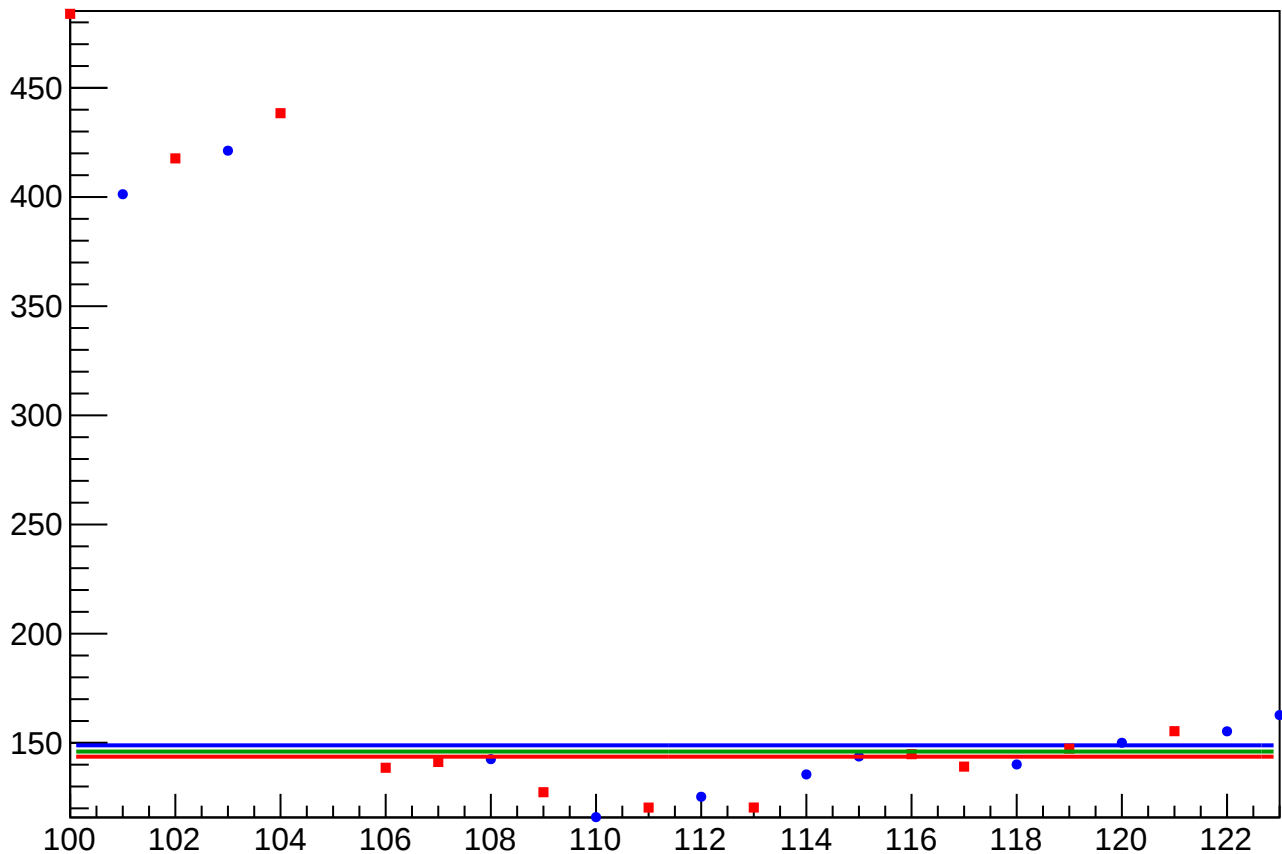
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155242.631 $\pm$ 0.082 χ^2 /NDF: 169504135.4/10

155130.828 $\pm$ 0.055 χ^2 /NDF: 433469846

155039.116 $\pm$ 0.074 χ^2 /NDF: 260588967.7/11

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 148.858 $\pm$ 0.058 χ^2 /NDF: 1032697.6/10

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

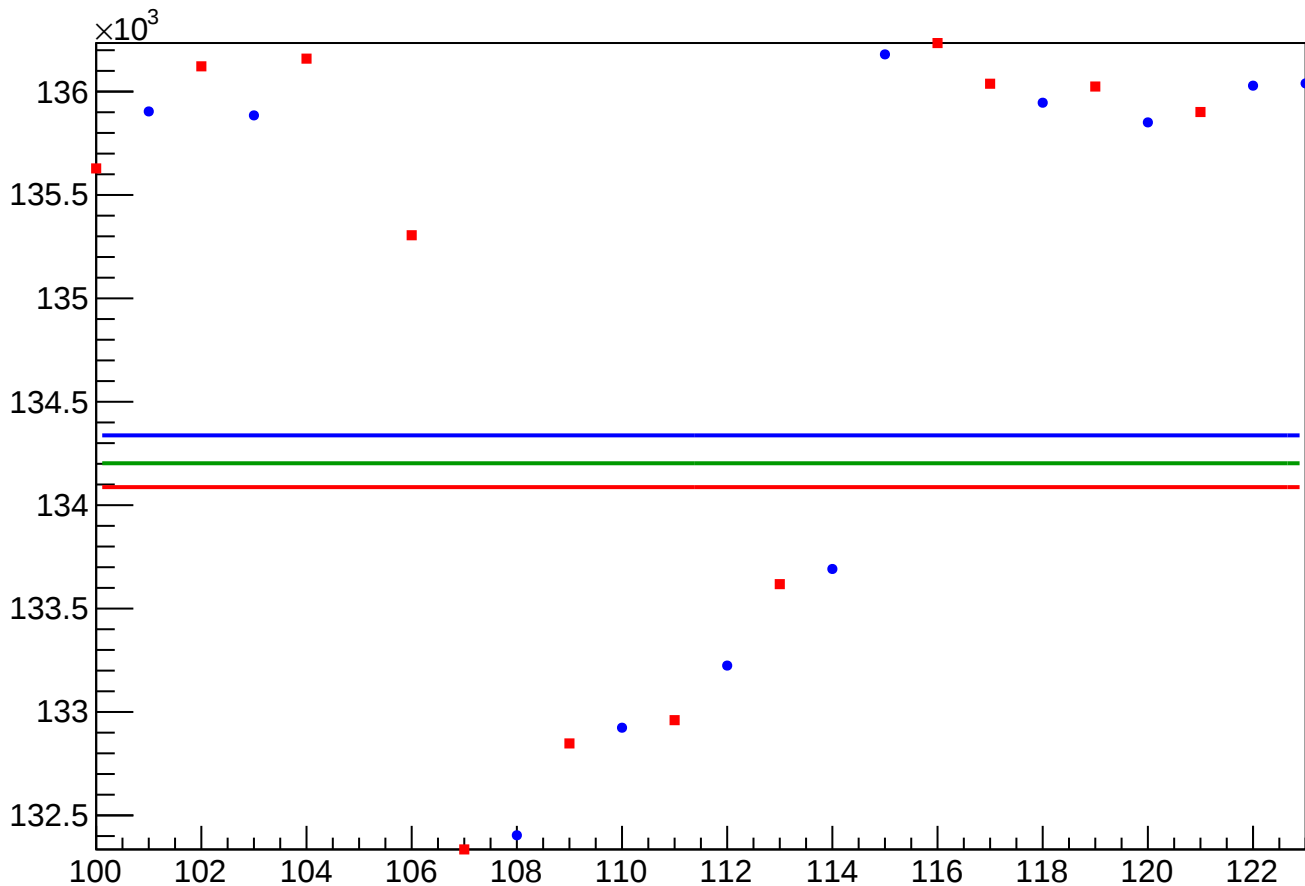
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.858 $\pm$ 0.058 χ^2 /NDF: 1032697.6/10

146.004 $\pm$ 0.039 χ^2 /NDF: 2106799.4/22

143.662 $\pm$ 0.053 χ^2 /NDF: 1069700.1/11

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 13437.531 ± 0.062 $\chi^2/\text{NDF}: 592549670.9/10$

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

13437.531 ± 0.062 $\chi^2/\text{NDF}: 592549670.9/10$

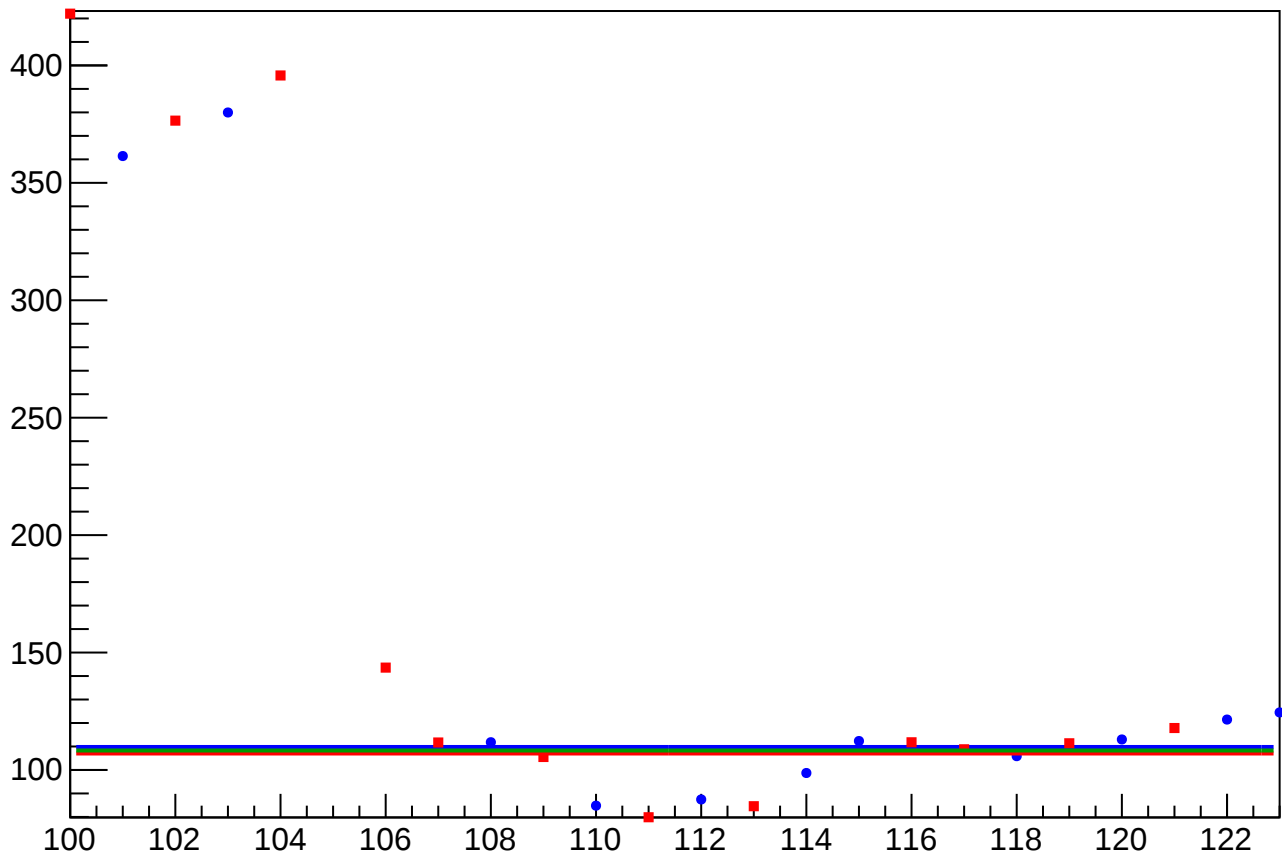
134202.648 ± 0.042 $\chi^2/\text{NDF}: 124061890$

Right Out: 134087.251 ± 0.057 $\chi^2/\text{NDF}: 639231329.5/11$

134087.251 ± 0.057 $\chi^2/\text{NDF}: 639231329.5/11$

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

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 109.793+/-0.044 χ^2/NDF : 1268490.2/10

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

Right Out: 107.015+/-0.040 χ^2/NDF : 1357524.6/11

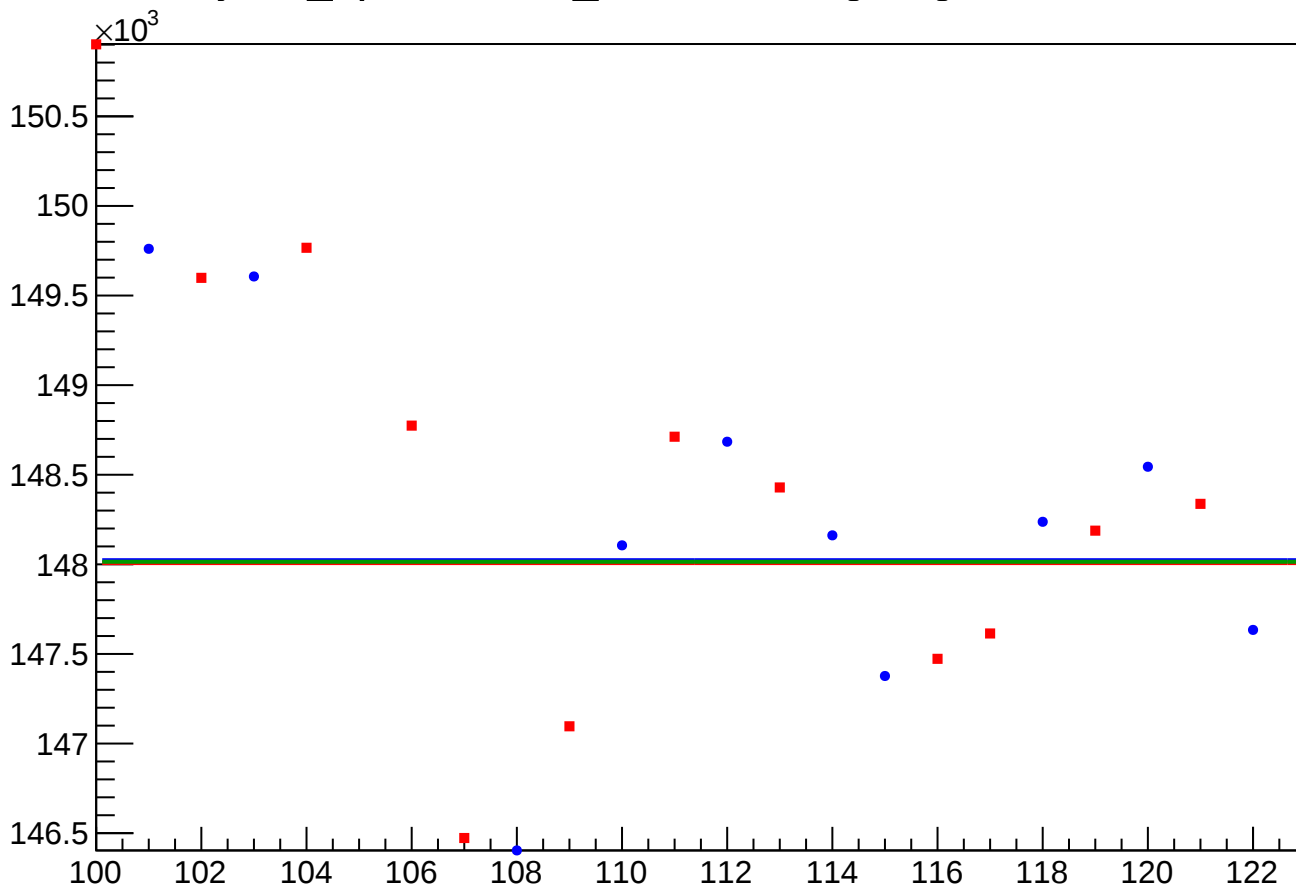
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.793+/-0.044 χ^2/NDF : 1268490.2/10

108.296+/-0.030 χ^2/NDF : 2628191.8/22

107.015+/-0.040 χ^2/NDF : 1357524.6/11

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 148023.266 $\pm$ 0.078 χ^2 /NDF: 107334597.7/10

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

148023.266 $\pm$ 0.078 χ^2 /NDF: 107334597.7/10

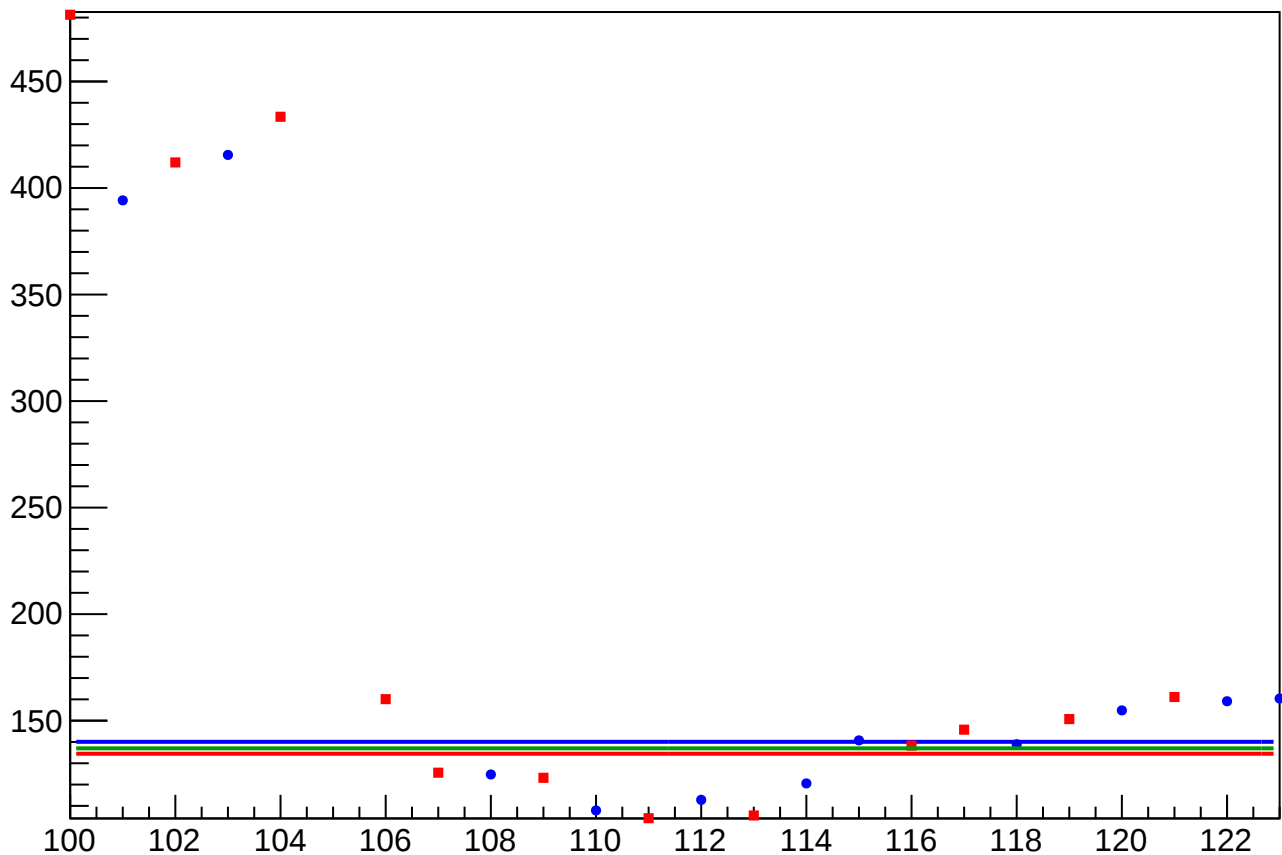
148014.364 $\pm$ 0.052 χ^2 /NDF: 243870334

Right Out: 148007.027 $\pm$ 0.071 χ^2 /NDF: 136511943.8/11

148007.027 $\pm$ 0.071 χ^2 /NDF: 136511943.8/11

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

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 140.074+/-0.055 χ^2/NDF : 1131211.5/10

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

Right Out: 134.481+/-0.050 χ^2/NDF : 1230952.1/11

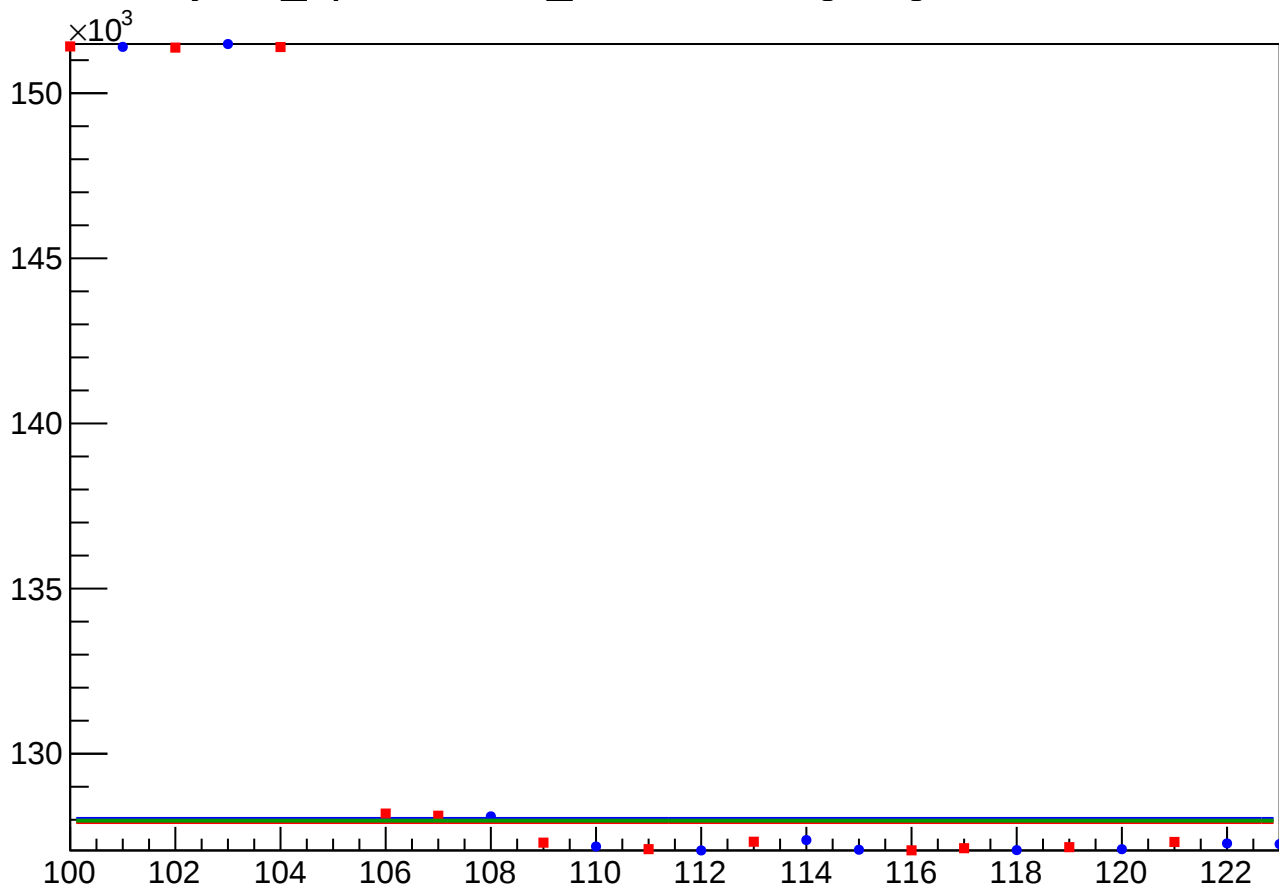
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.074+/-0.055 χ^2/NDF : 1131211.5/10

137.008+/-0.037 χ^2/NDF : 2367809.3/22

134.481+/-0.050 χ^2/NDF : 1230952.1/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128025.284 $\pm$ 0.066 χ^2 /NDF: 4157412640.4/10

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

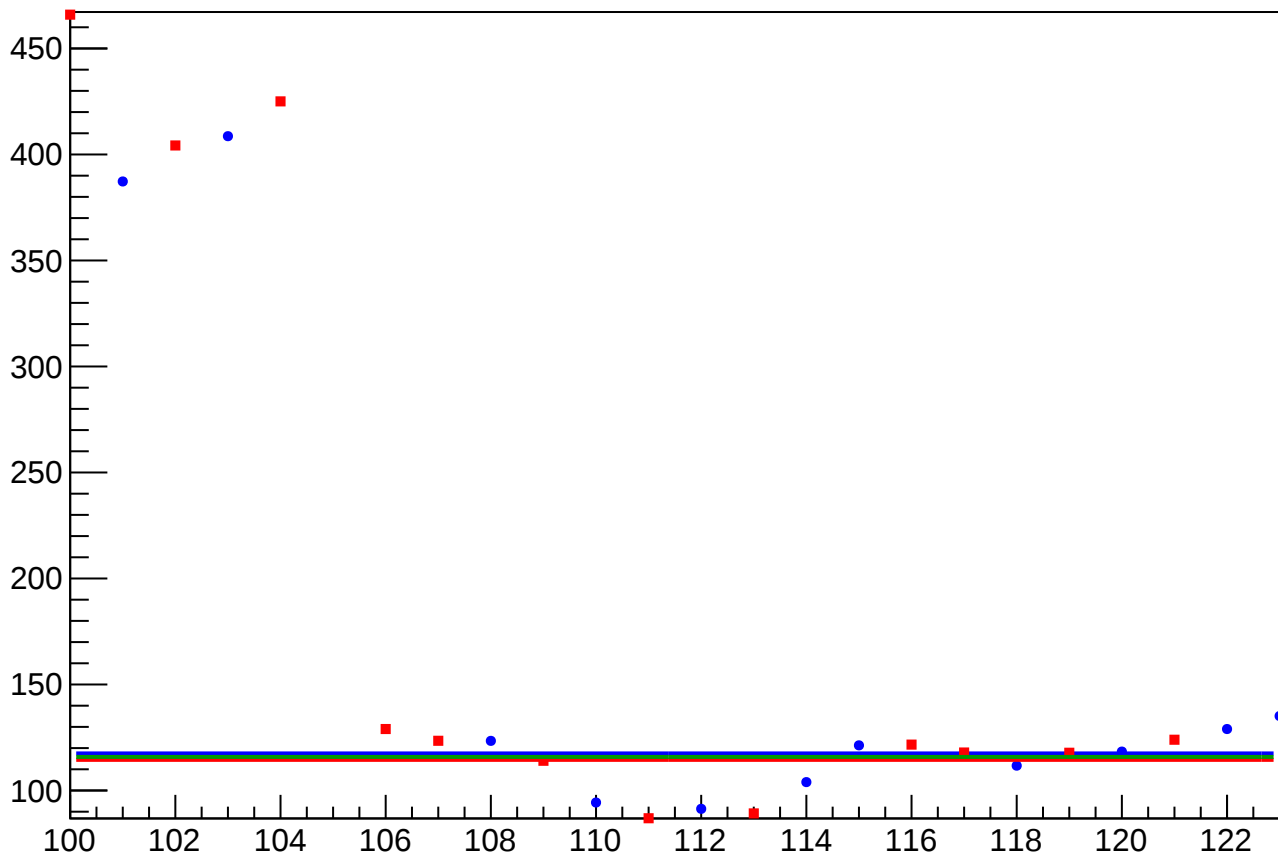
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128025.284 $\pm$ 0.066 χ^2 /NDF: 4157412640.4/10

127974.218 $\pm$ 0.045 χ^2 /NDF: 778781266

127931.540 $\pm$ 0.061 χ^2 /NDF: 3629307095.3/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.483+/-0.047 χ^2/NDF : 1268672.7/10

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

Right Out: 114.447+/-0.043 χ^2/NDF : 1335819.5/11

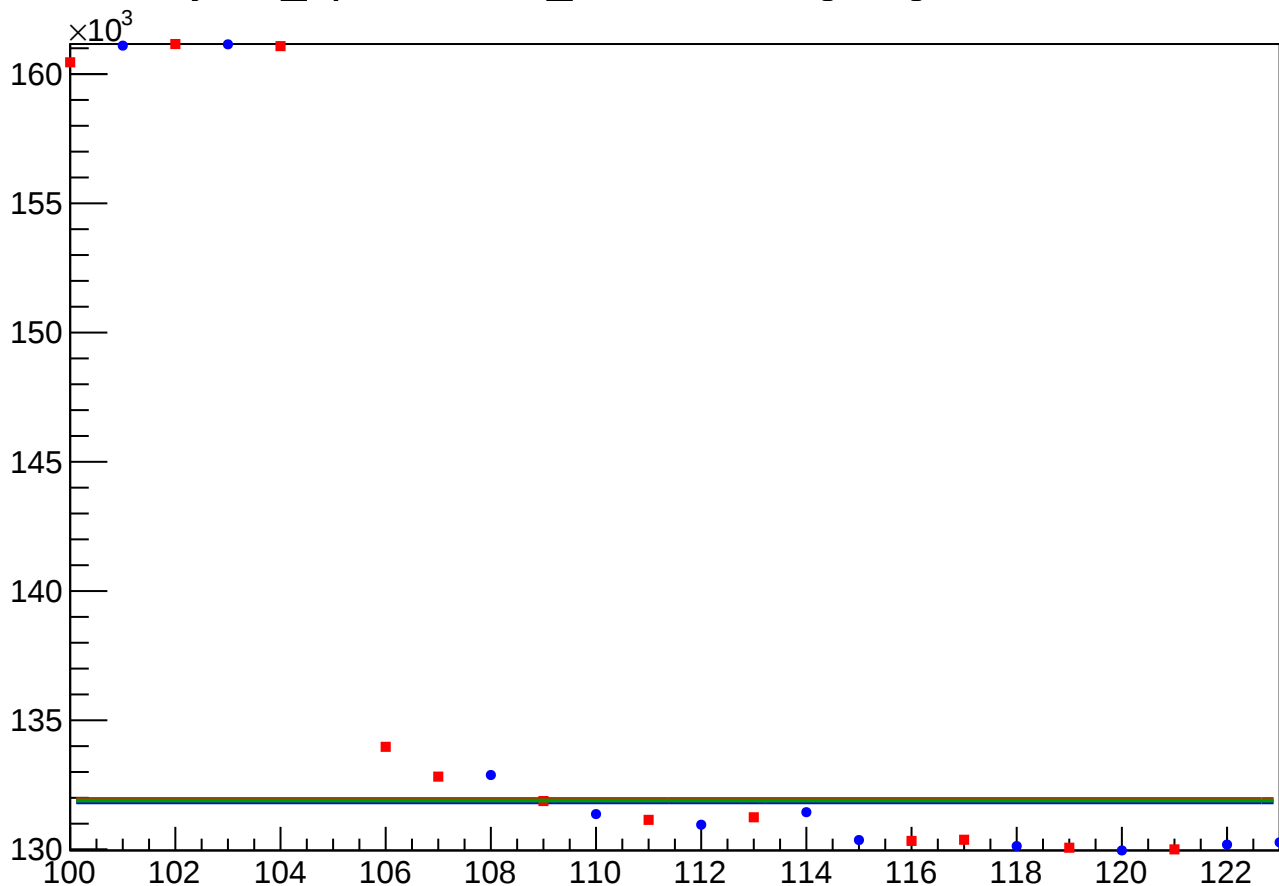
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.483+/-0.047 χ^2/NDF : 1268672.7/10

115.829+/-0.032 χ^2/NDF : 2606784.4/22

114.447+/-0.043 χ^2/NDF : 1335819.5/11

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131829.236 $\pm$ 0.069 χ^2 /NDF: 5962088182.2/10

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

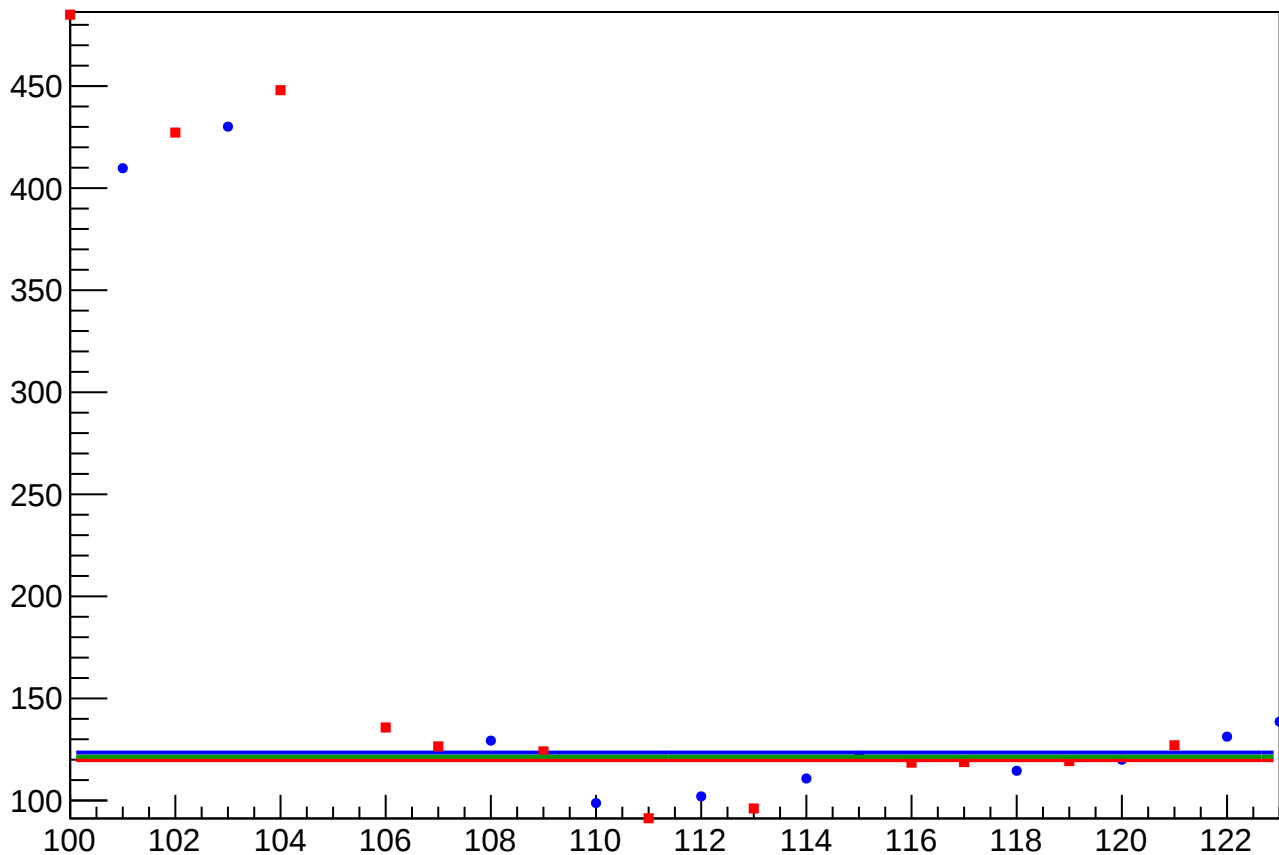
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131829.236 $\pm$ 0.069 χ^2 /NDF: 5962088182.2/10

131895.695 $\pm$ 0.047 χ^2 /NDF: 112393547

131950.862 $\pm$ 0.063 χ^2 /NDF: 5275587703.3/11

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 123.477+/-0.049 χ^2/NDF : 1242651.5/10

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

Right Out: 119.752+/-0.045 χ^2/NDF : 1318816.6/11

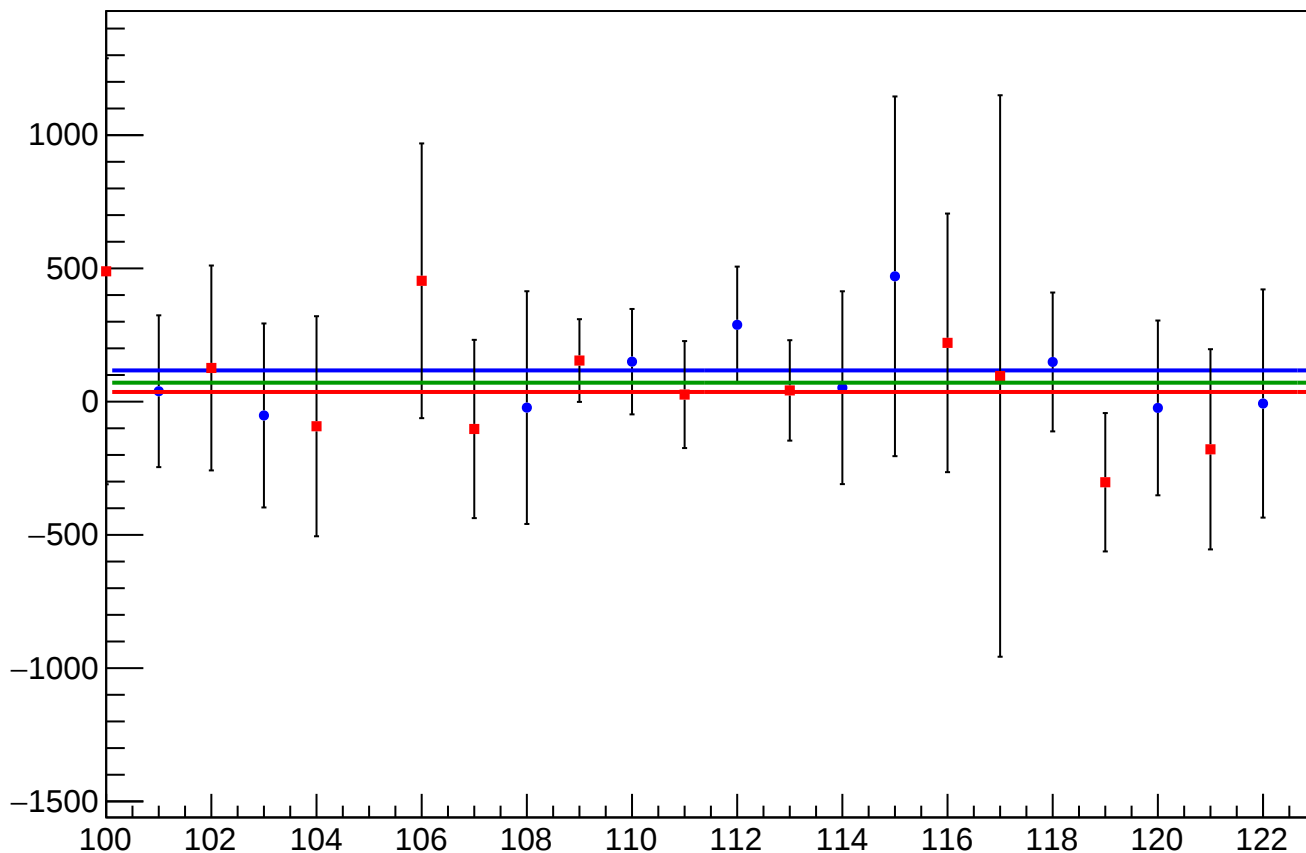
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

123.477+/-0.049 χ^2/NDF : 1242651.5/10

121.442+/-0.033 χ^2/NDF : 2564617.9/22

119.752+/-0.045 χ^2/NDF : 1318816.6/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 117.206 $\pm$ 94.386 χ^2/NDF : 1.7/10

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

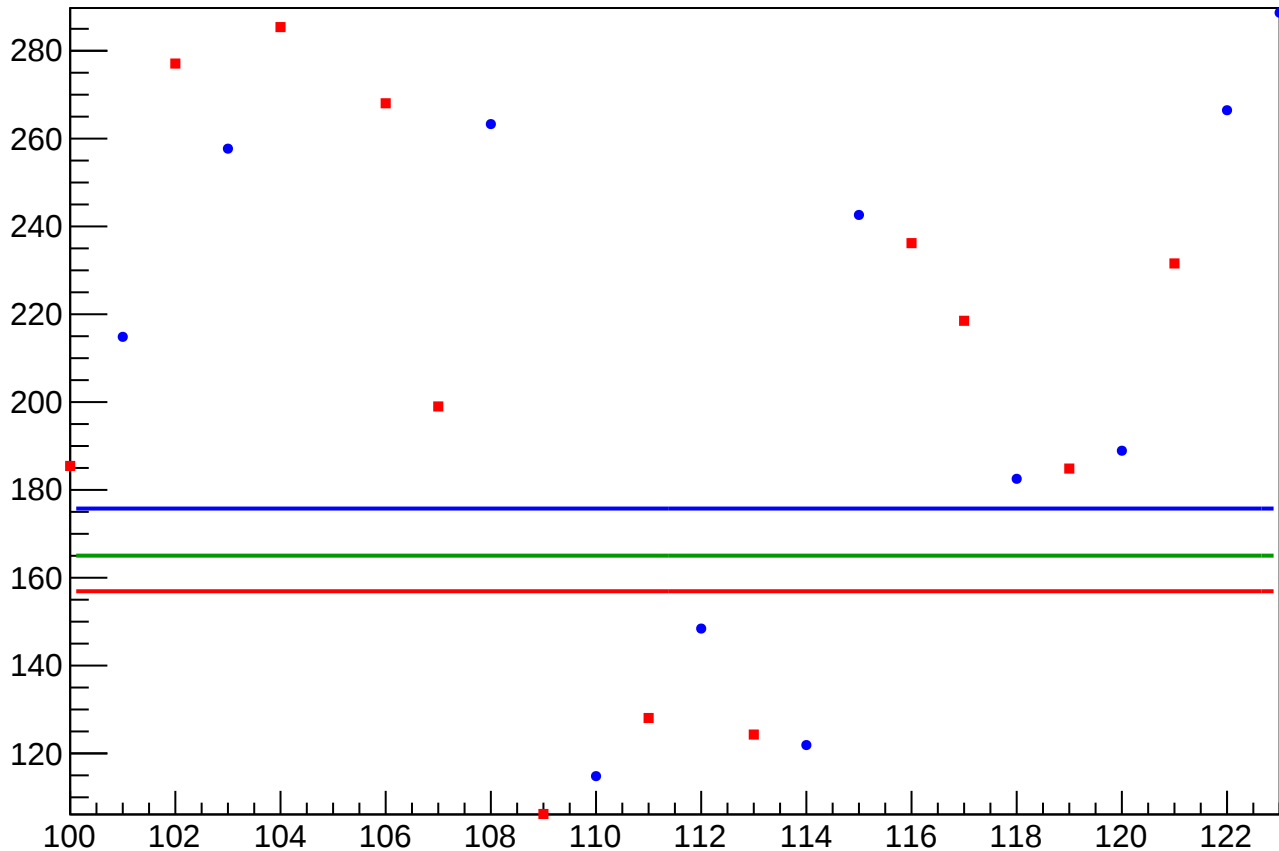
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

117.206 $\pm$ 94.386 χ^2/NDF : 1.7/10

71.137 $\pm$ 61.931 χ^2/NDF : 6.1/22

36.307 $\pm$ 82.068 χ^2/NDF : 4.1/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 175.756+/-0.067 χ^2/NDF : 621390.2/10

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

Right Out: 156.926+/-0.058 χ^2/NDF : 993472.2/11

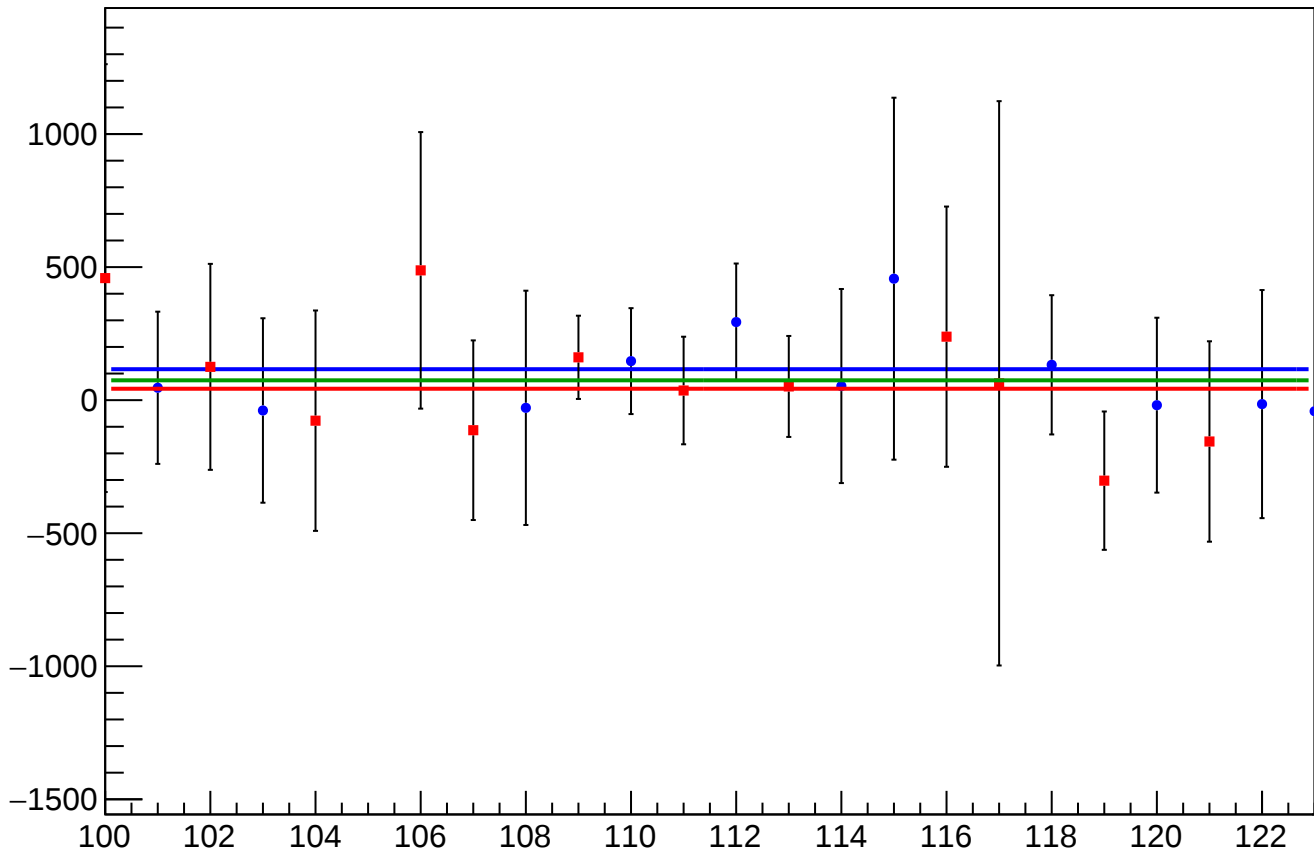
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.756+/-0.067 χ^2/NDF : 621390.2/10

165.033+/-0.044 χ^2/NDF : 1660195.5/22

156.926+/-0.058 χ^2/NDF : 993472.2/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 116.334 $\pm$ 94.897 χ^2 /NDF: 1.6/10

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

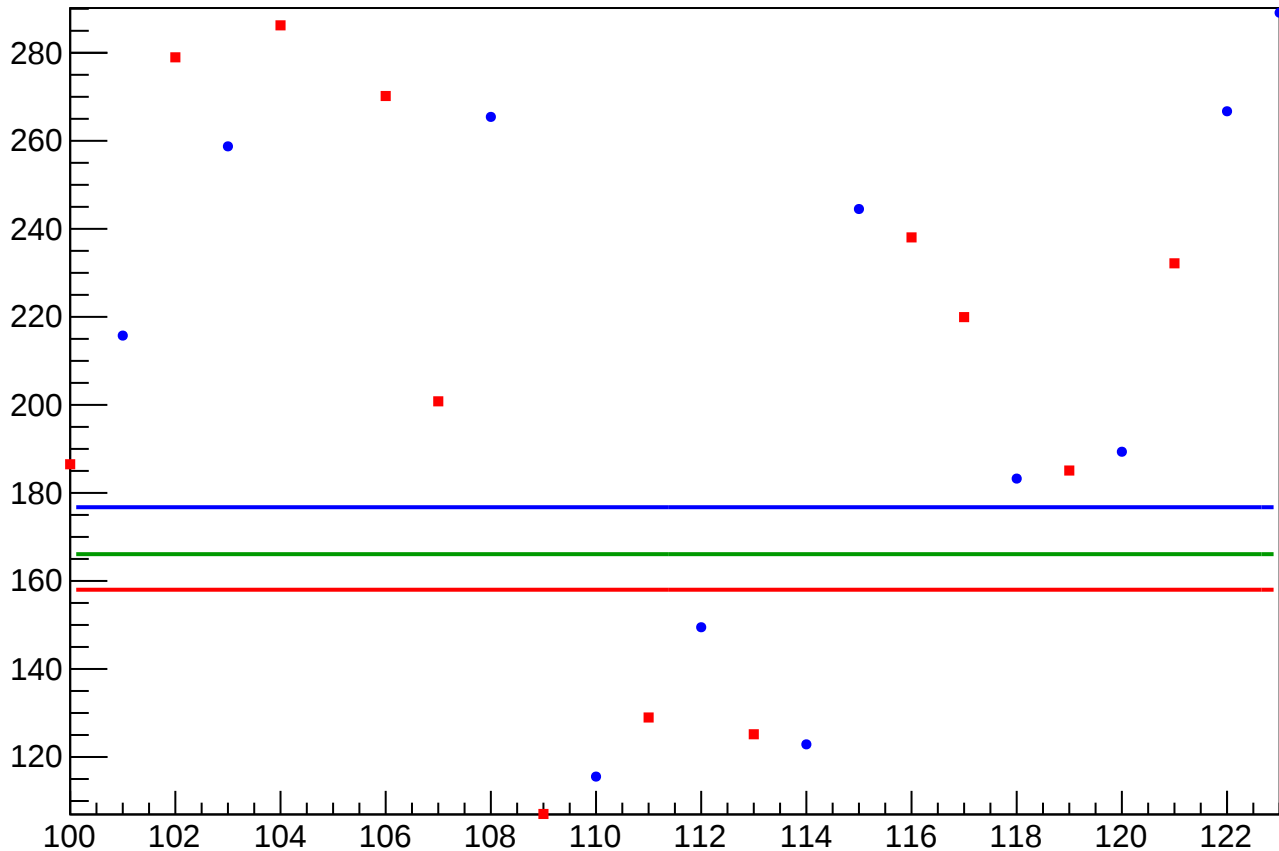
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.334 $\pm$ 94.897 χ^2 /NDF: 1.6/10

74.551 $\pm$ 62.306 χ^2 /NDF: 6.1/22

42.892 $\pm$ 82.605 χ^2 /NDF: 4.1/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 176.752 $\pm$ 0.067 χ^2 /NDF: 616938.7/10

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

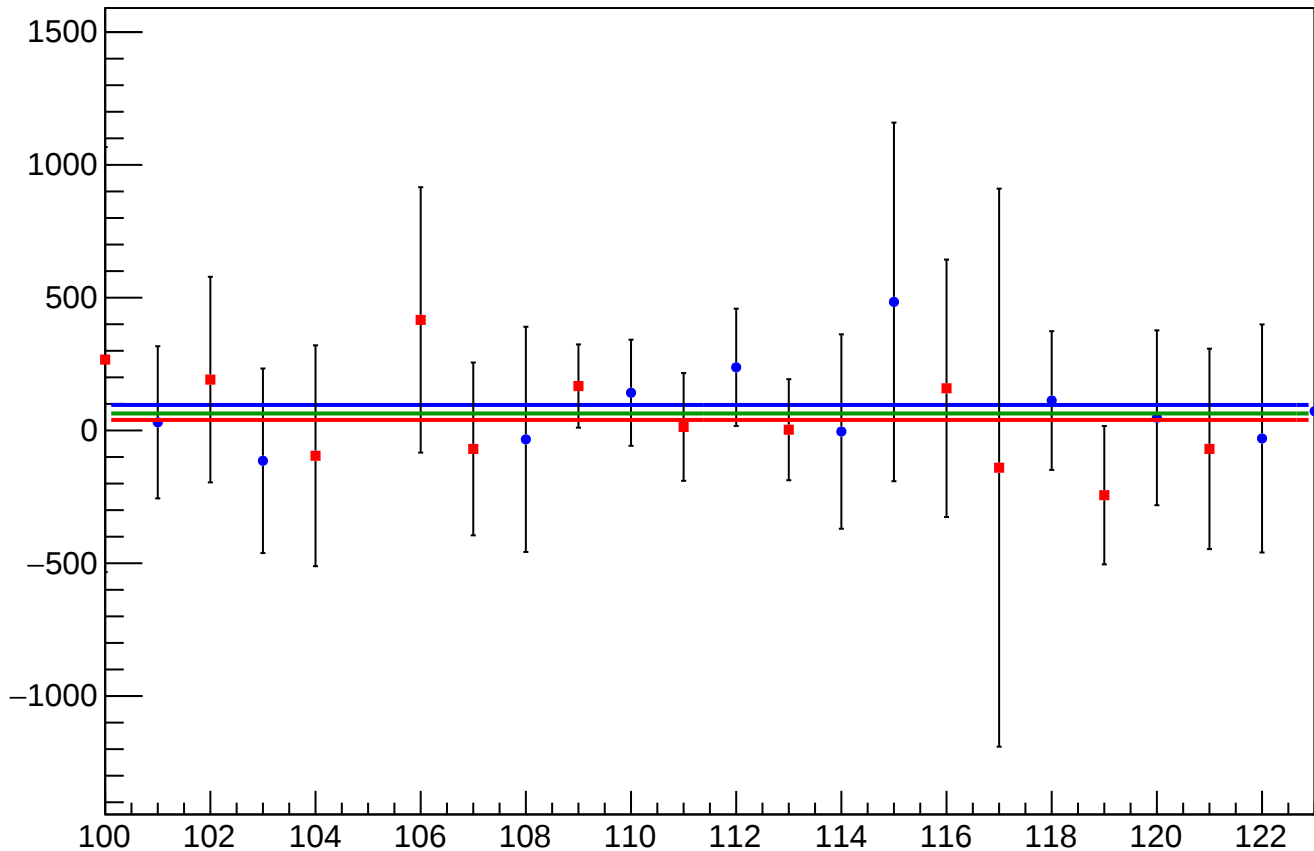
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.752 $\pm$ 0.067 χ^2 /NDF: 616938.7/10

166.086 $\pm$ 0.044 χ^2 /NDF: 1649345.3/22

158.004 $\pm$ 0.058 χ^2 /NDF: 987998.9/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 96.093+/-94.925 χ^2/NDF : 1.5/10

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

Right Out: 39.684+/-82.484 χ^2/NDF : 3.1/11

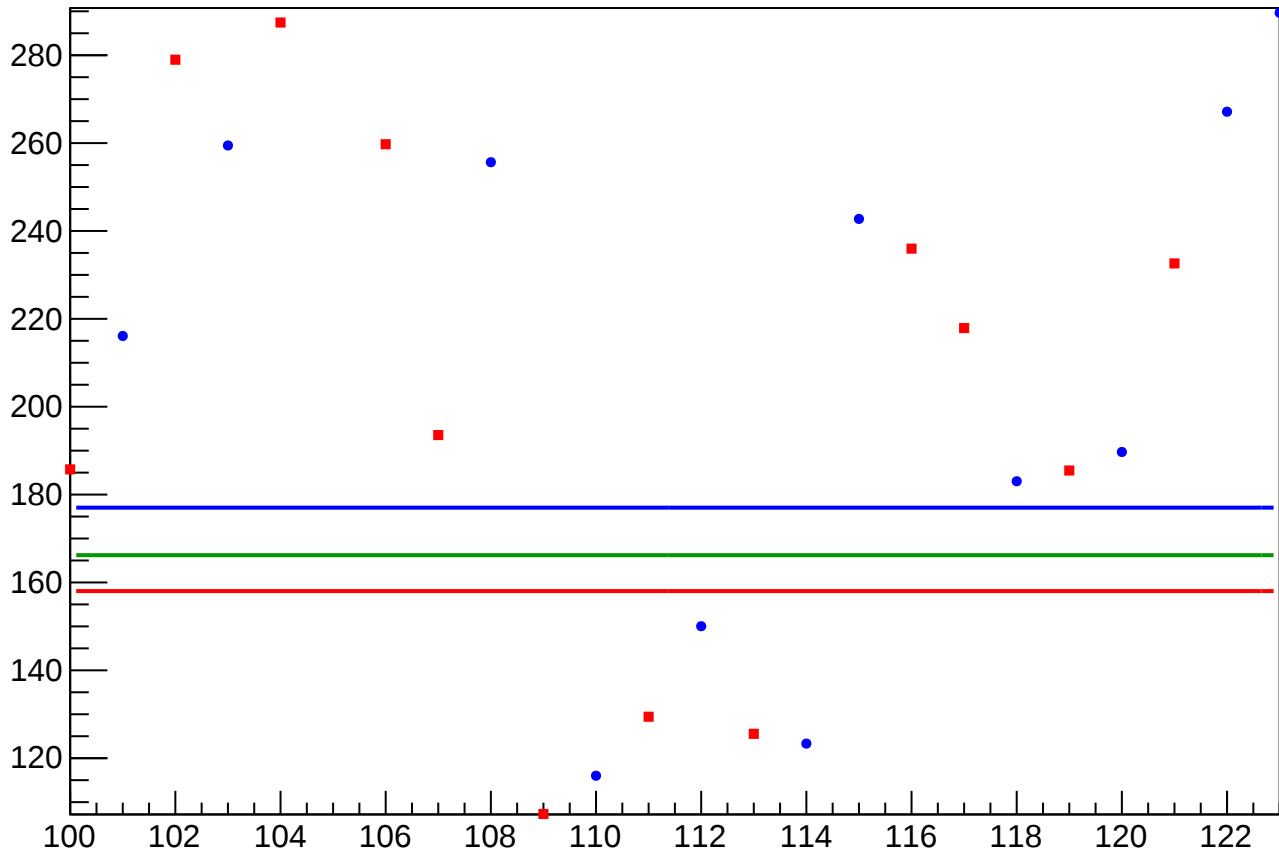
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.093+/-94.925 χ^2/NDF : 1.5/10

63.952+/-62.262 χ^2/NDF : 4.8/22

39.684+/-82.484 χ^2/NDF : 3.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 177.029+/-0.067 χ^2/NDF : 600001.8/10

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

Right Out: 158.036+/-0.058 χ^2/NDF : 964023.5/11

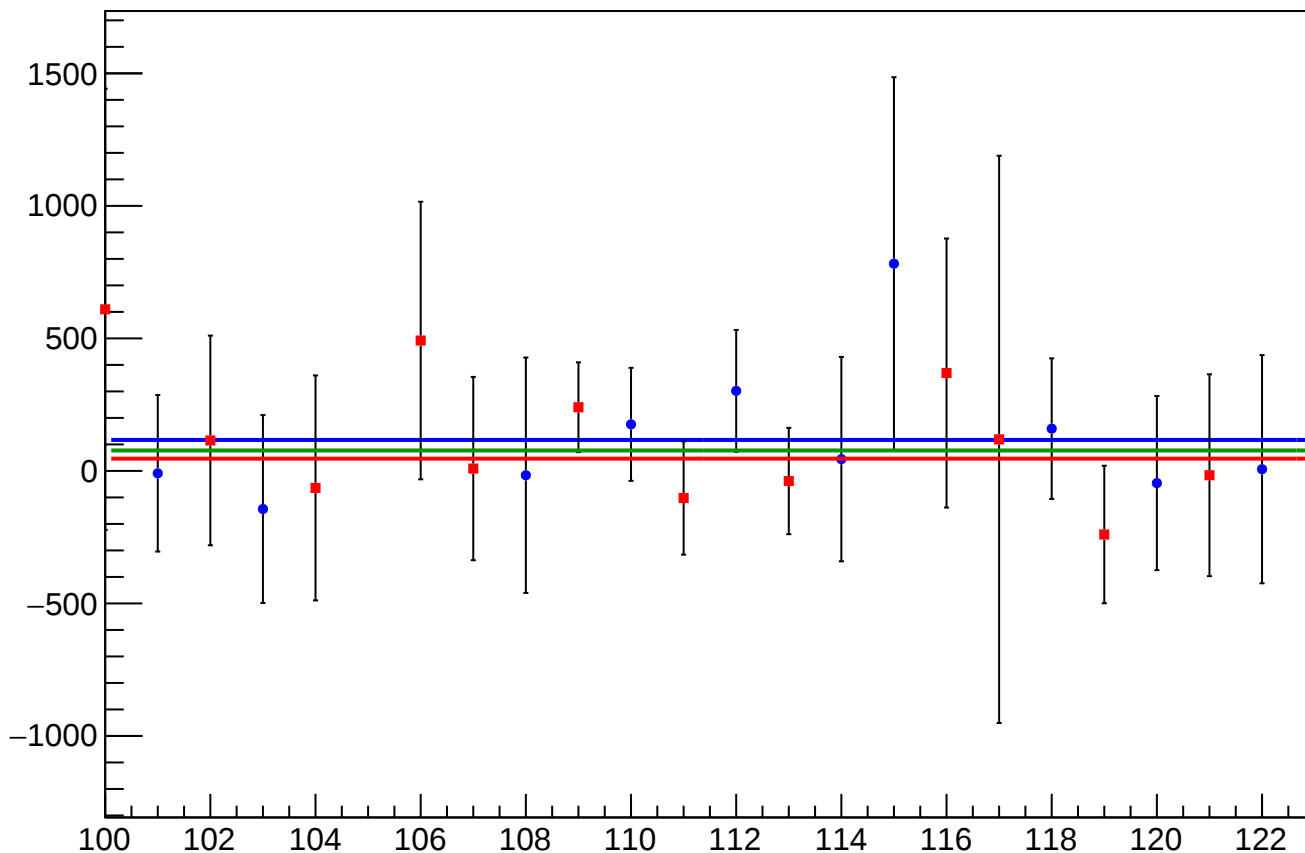
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.029+/-0.067 χ^2/NDF : 600001.8/10

166.207+/-0.044 χ^2/NDF : 1609643.1/22

158.036+/-0.058 χ^2/NDF : 964023.5/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 116.891 ± 98.317 χ^2/NDF : 2.8/10

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

Right Out: 46.340 ± 86.550 χ^2/NDF : 4.9/11

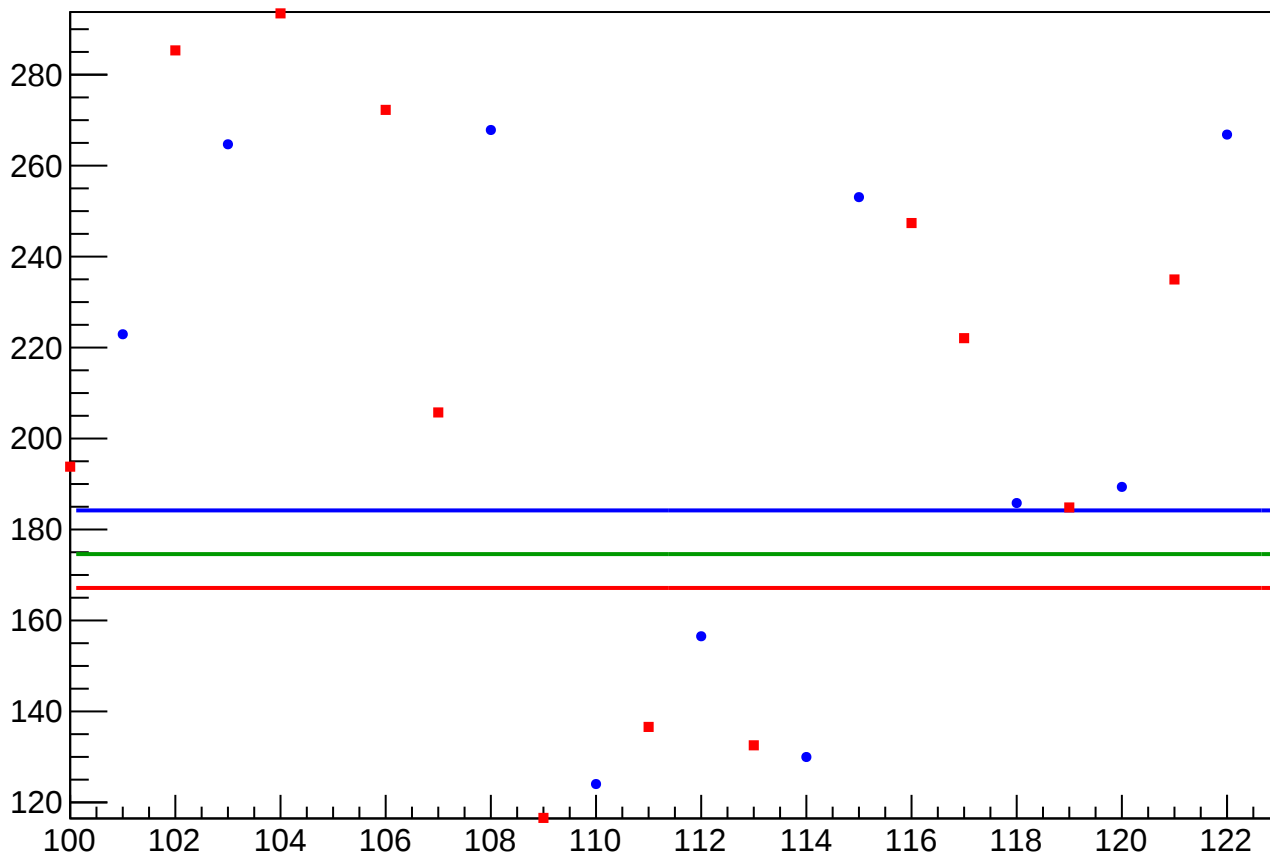
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

116.891 ± 98.317 χ^2/NDF : 2.8/10

77.143 ± 64.964 χ^2/NDF : 8.0/22

46.340 ± 86.550 χ^2/NDF : 4.9/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 184.197 $\pm$ 0.070 χ^2 /NDF: 539378.8/10

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

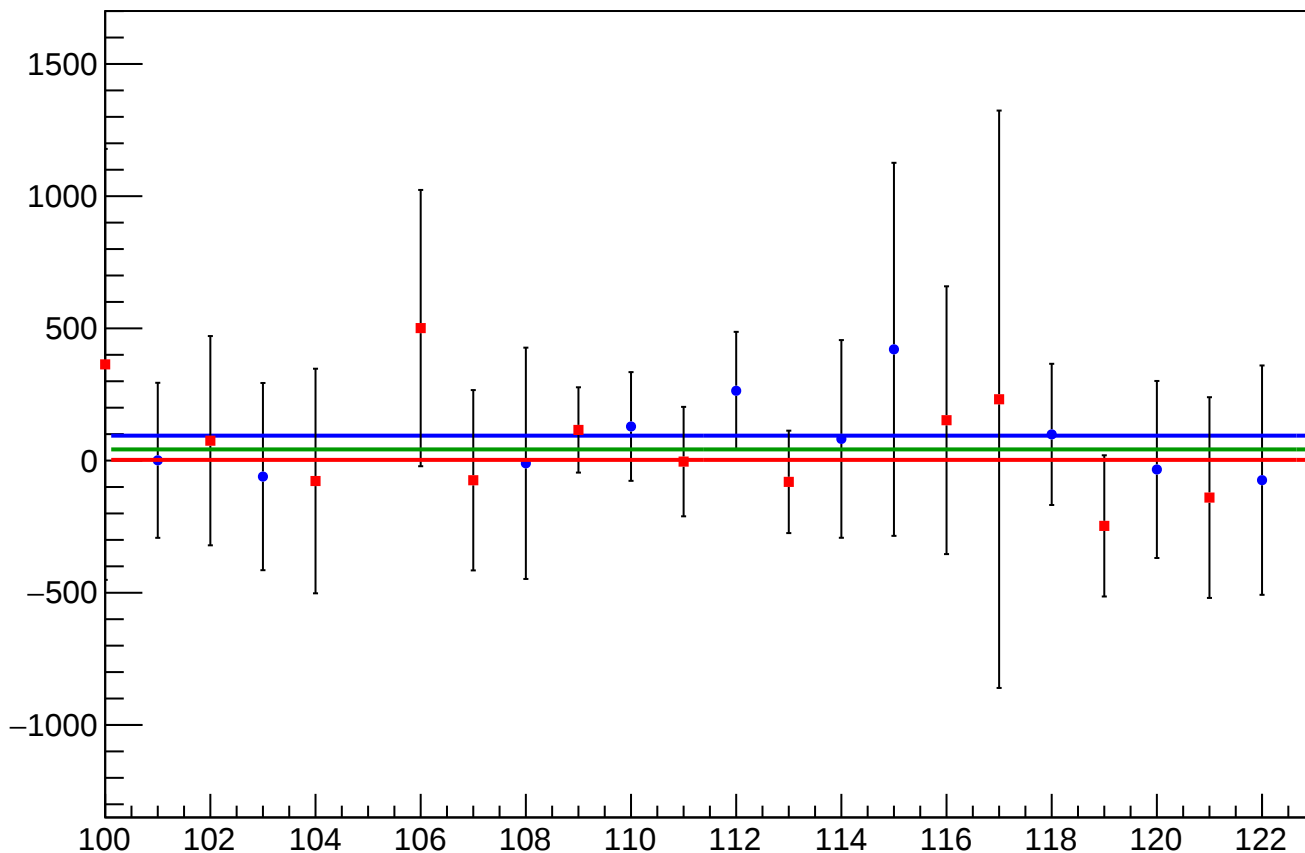
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

184.197 $\pm$ 0.070 χ^2 /NDF: 539378.8/10

174.591 $\pm$ 0.046 χ^2 /NDF: 1443174.4/22

167.148 $\pm$ 0.061 χ^2 /NDF: 869911.1/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 94.253+/-96.914 χ^2/NDF : 1.5/10

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

Right Out: 2.593+/-84.571 χ^2/NDF : 3.1/11

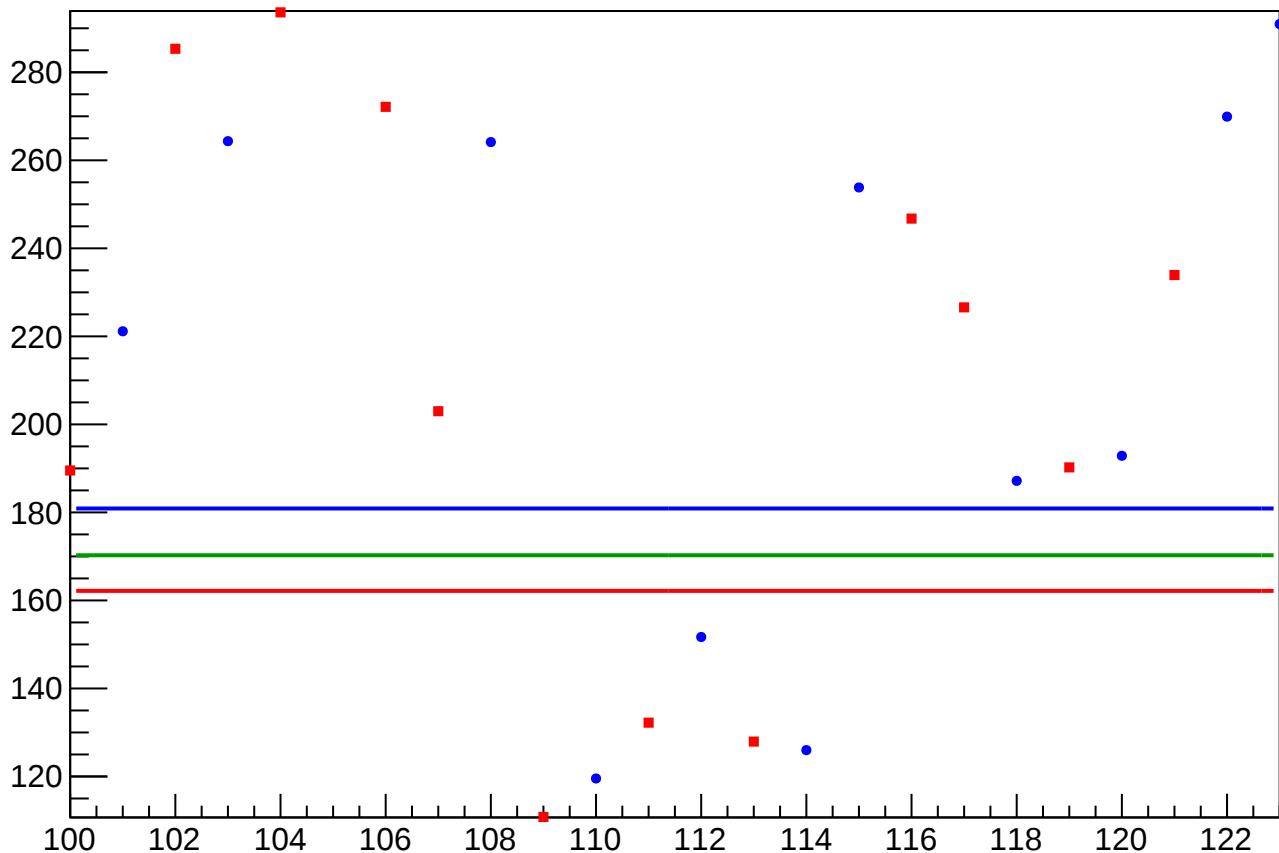
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.253+/-96.914 χ^2/NDF : 1.5/10

42.218+/-63.721 χ^2/NDF : 5.0/22

2.593+/-84.571 χ^2/NDF : 3.1/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 180.891+/-0.069 χ^2/NDF : 596558.5/10

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

Right Out: 162.171+/-0.060 χ^2/NDF : 968253.6/11

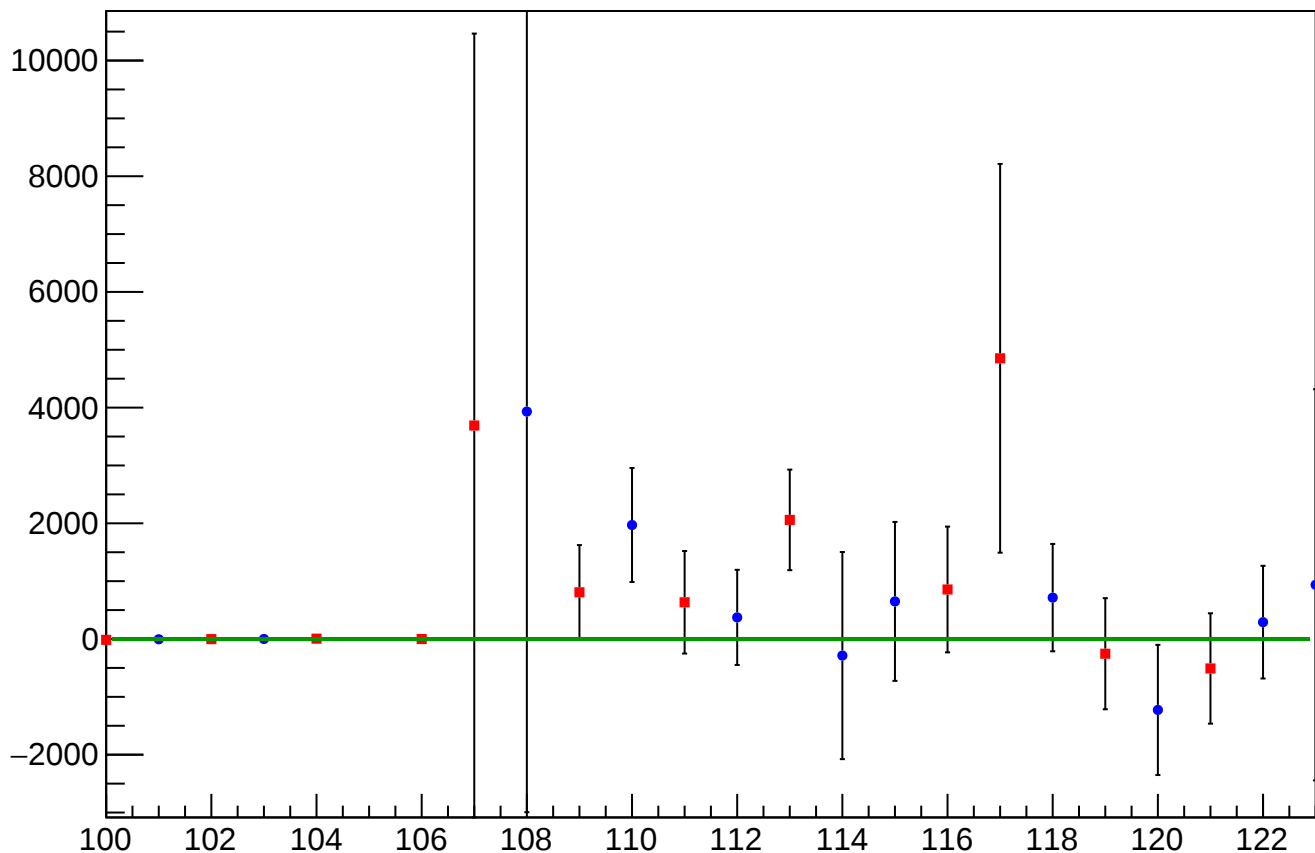
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.891+/-0.069 χ^2/NDF : 596558.5/10

170.264+/-0.045 χ^2/NDF : 1607178.4/22

162.171+/-0.060 χ^2/NDF : 968253.6/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.504+/-2.252 χ^2/NDF : 8.0/10

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

Right Out: 0.735+/-2.111 χ^2/NDF : 16.4/11

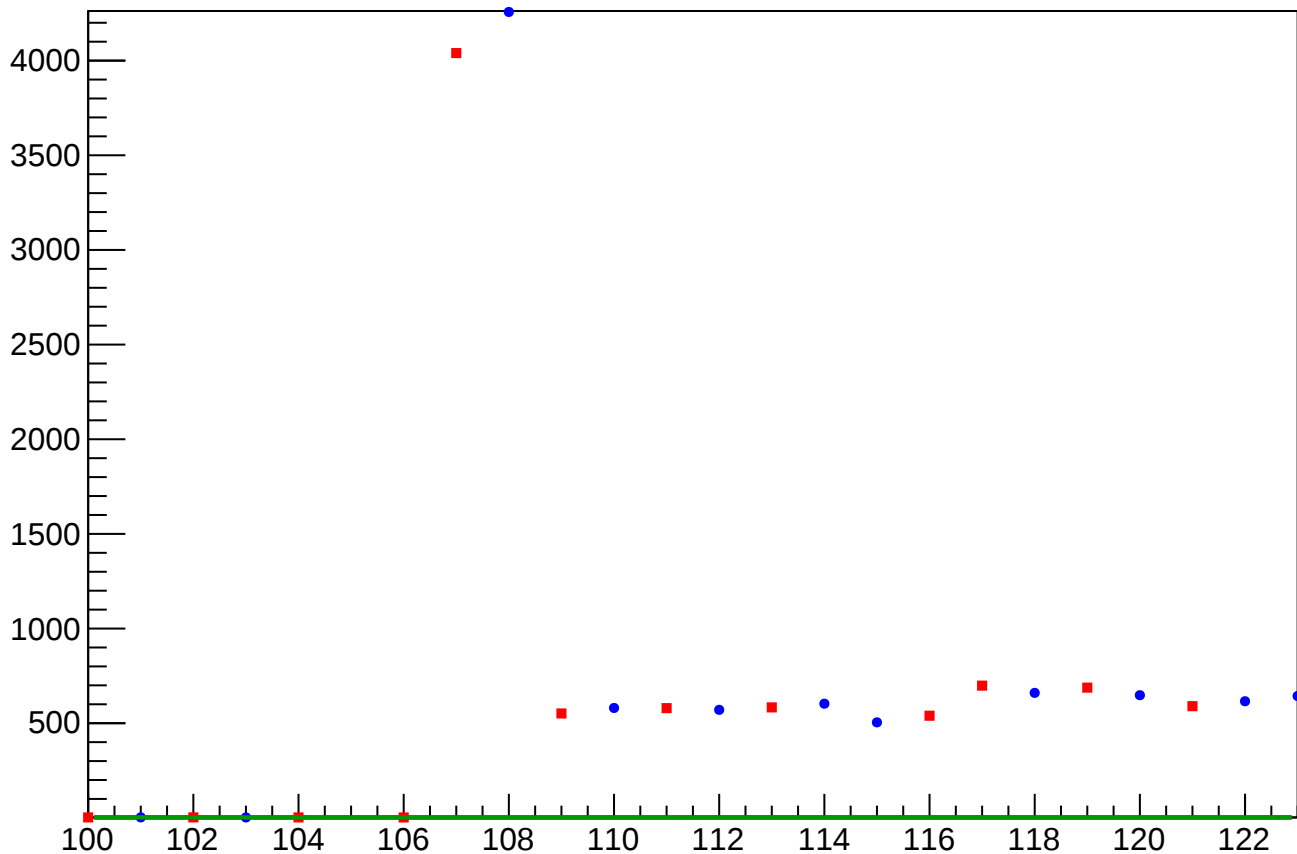
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.504+/-2.252 χ^2/NDF : 8.0/10

-0.313+/-1.540 χ^2/NDF : 25.0/22

0.735+/-2.111 χ^2/NDF : 16.4/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 5433204.6/10

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

Right Out: 2.415+/-0.001 χ^2/NDF : 5722373.1/11

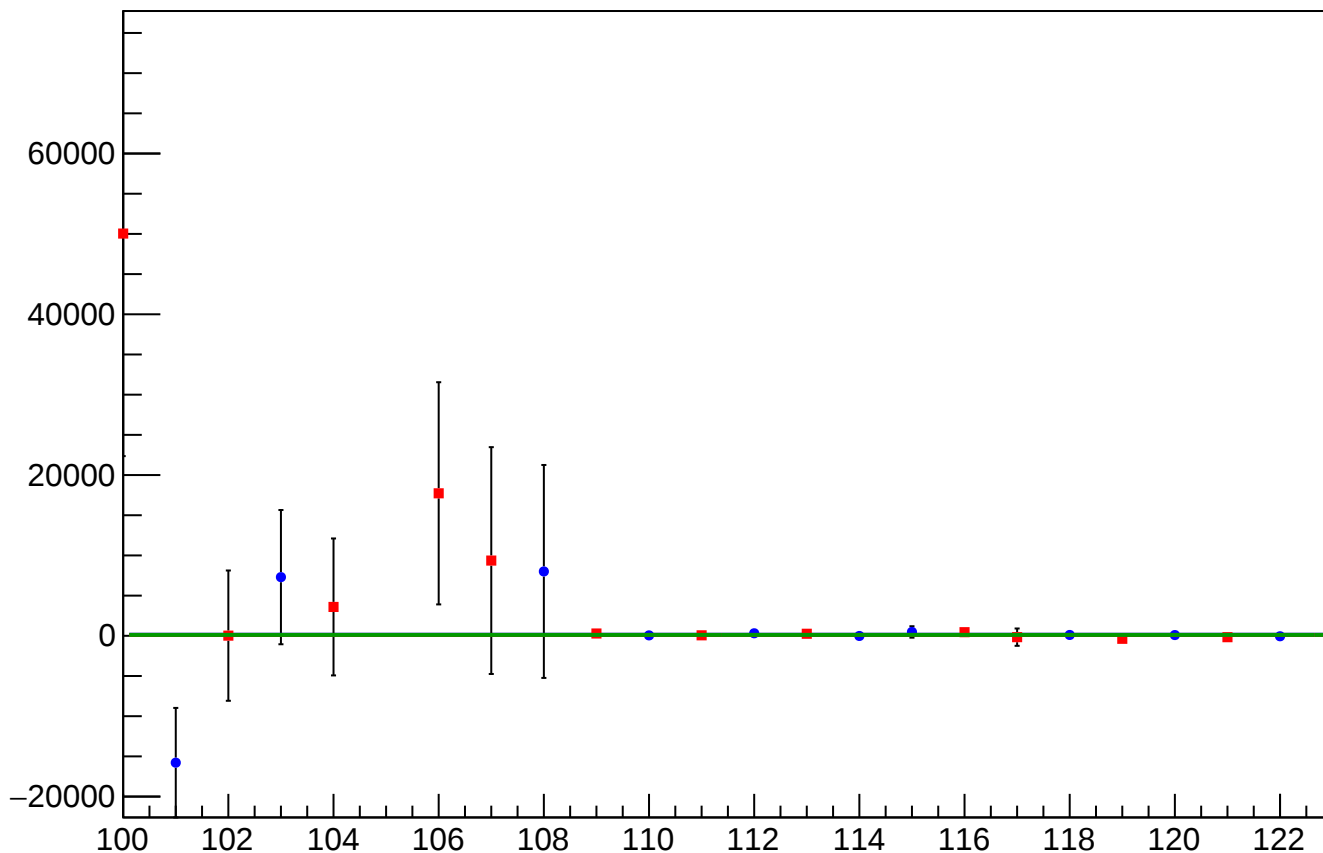
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.430+/-0.002 χ^2/NDF : 5433204.6/10

2.422+/-0.001 χ^2/NDF : 11155627.8/22

2.415+/-0.001 χ^2/NDF : 5722373.1/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 127.522+/-113.588 χ^2/NDF : 8.0/10

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

Right Out: 105.051+/-105.285 χ^2/NDF : 10.5/11

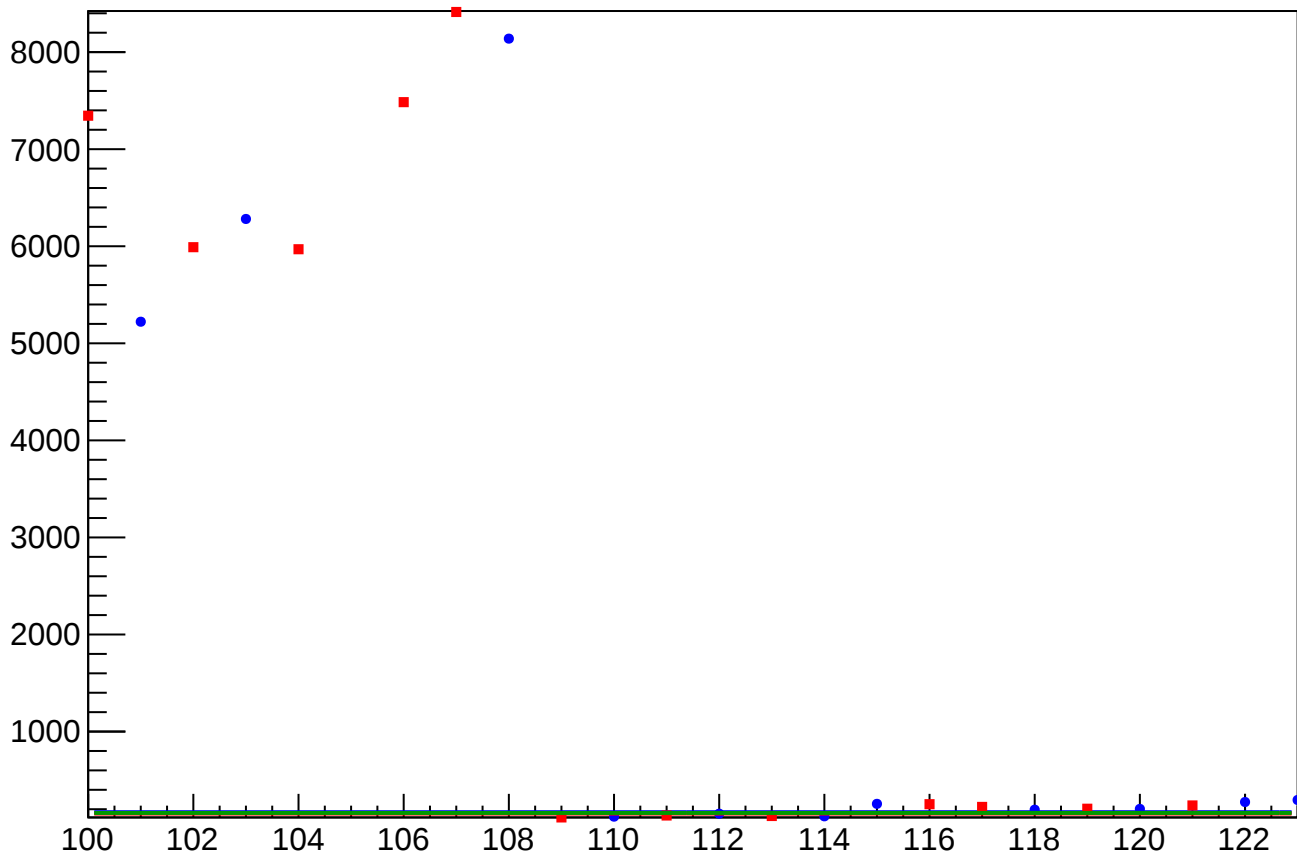
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.522+/-113.588 χ^2/NDF : 8.0/10

115.435+/-77.216 χ^2/NDF : 18.5/22

105.051+/-105.285 χ^2/NDF : 10.5/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 169.157+/-0.080 χ^2/NDF : 3215089.7/10

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

Right Out: 155.223+/-0.074 χ^2/NDF : 3692133.8/11

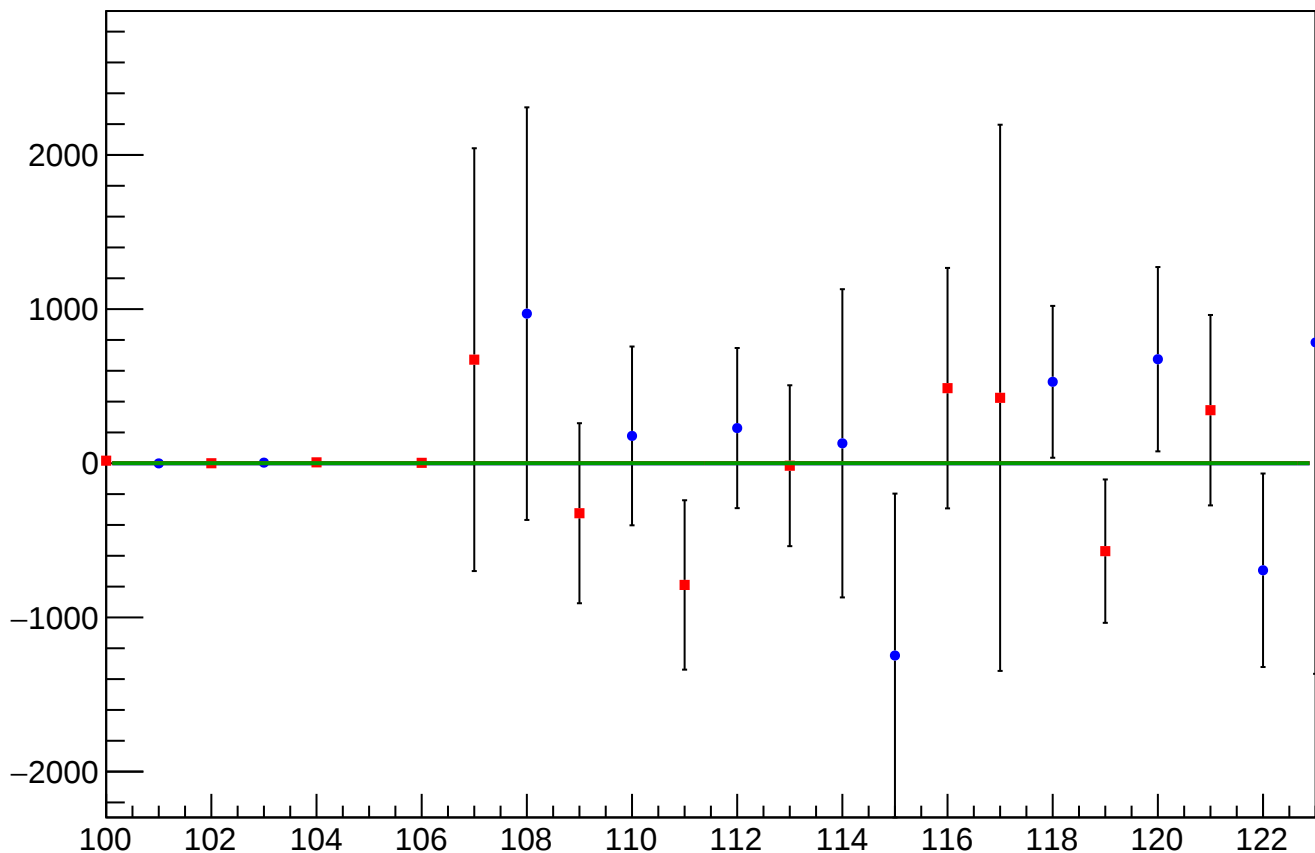
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

169.157+/-0.080 χ^2/NDF : 3215089.7/10

161.662+/-0.055 χ^2/NDF : 6923410.7/22

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 : 6.9/10

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

Right Out: 1.323+/-1.623 χ^2/NDF : 7.6/11

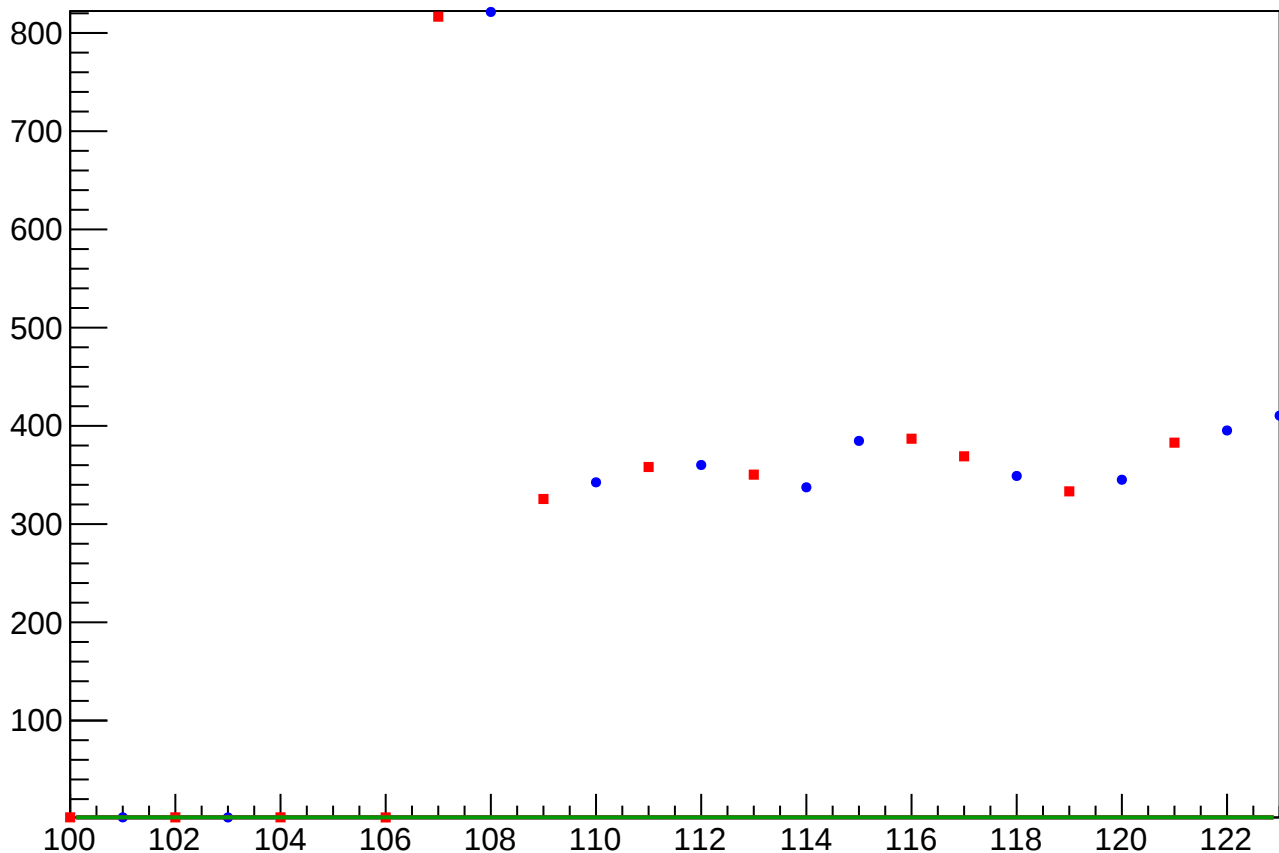
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.150+/-1.737 χ^2/NDF : 6.9/10

0.637+/-1.186 χ^2/NDF : 14.9/22

1.323+/-1.623 χ^2/NDF : 7.6/11

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.432+/-0.001 χ^2/NDF : 5407329.2/10

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

Right Out: 1.433+/-0.001 χ^2/NDF : 5417449.9/11

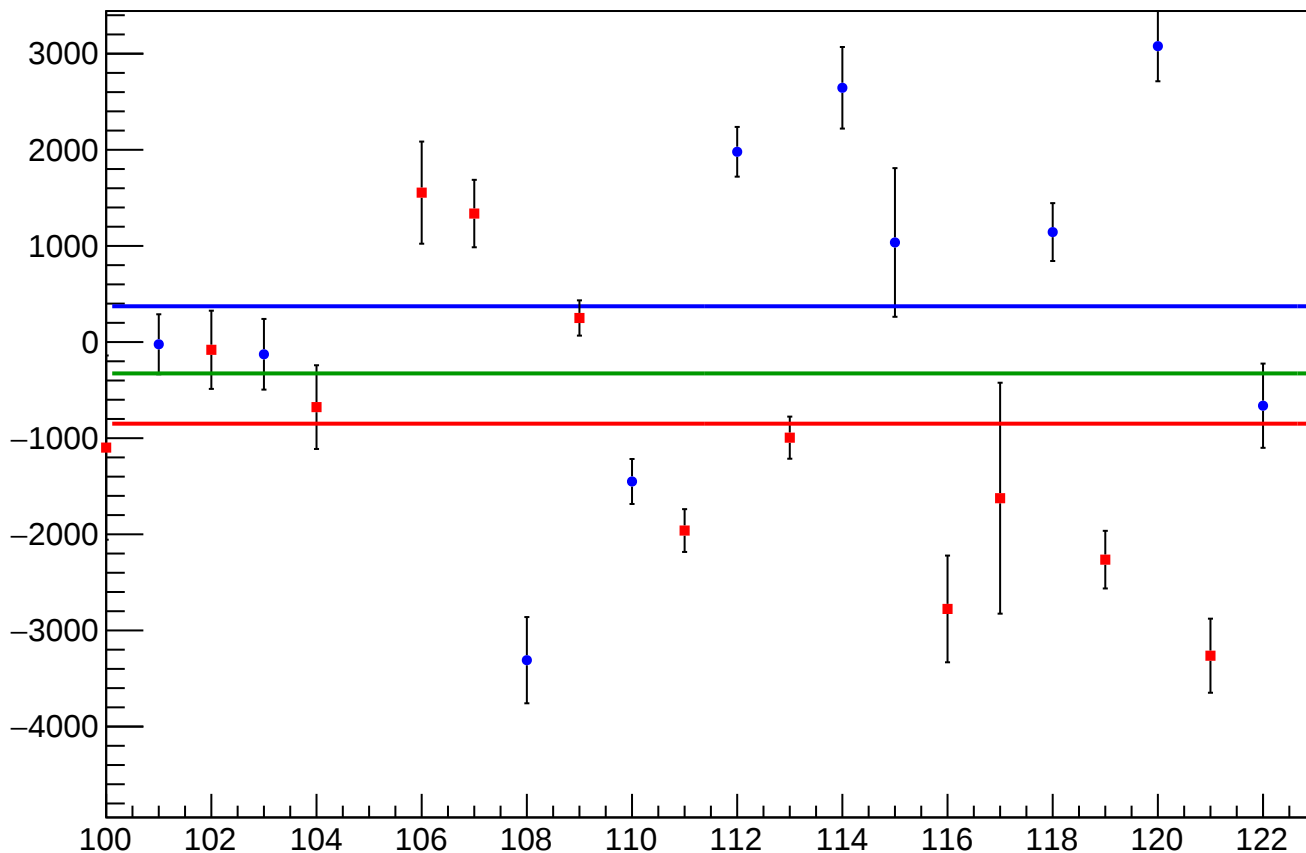
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.432+/-0.001 χ^2/NDF : 5407329.2/10

1.433+/-0.001 χ^2/NDF : 10824779.4/22

1.433+/-0.001 χ^2/NDF : 5417449.9/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 372.277+/-107.045 χ^2/NDF : 273.3/10

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

Right Out: -849.030+/-92.605 χ^2/NDF : 198.4/11

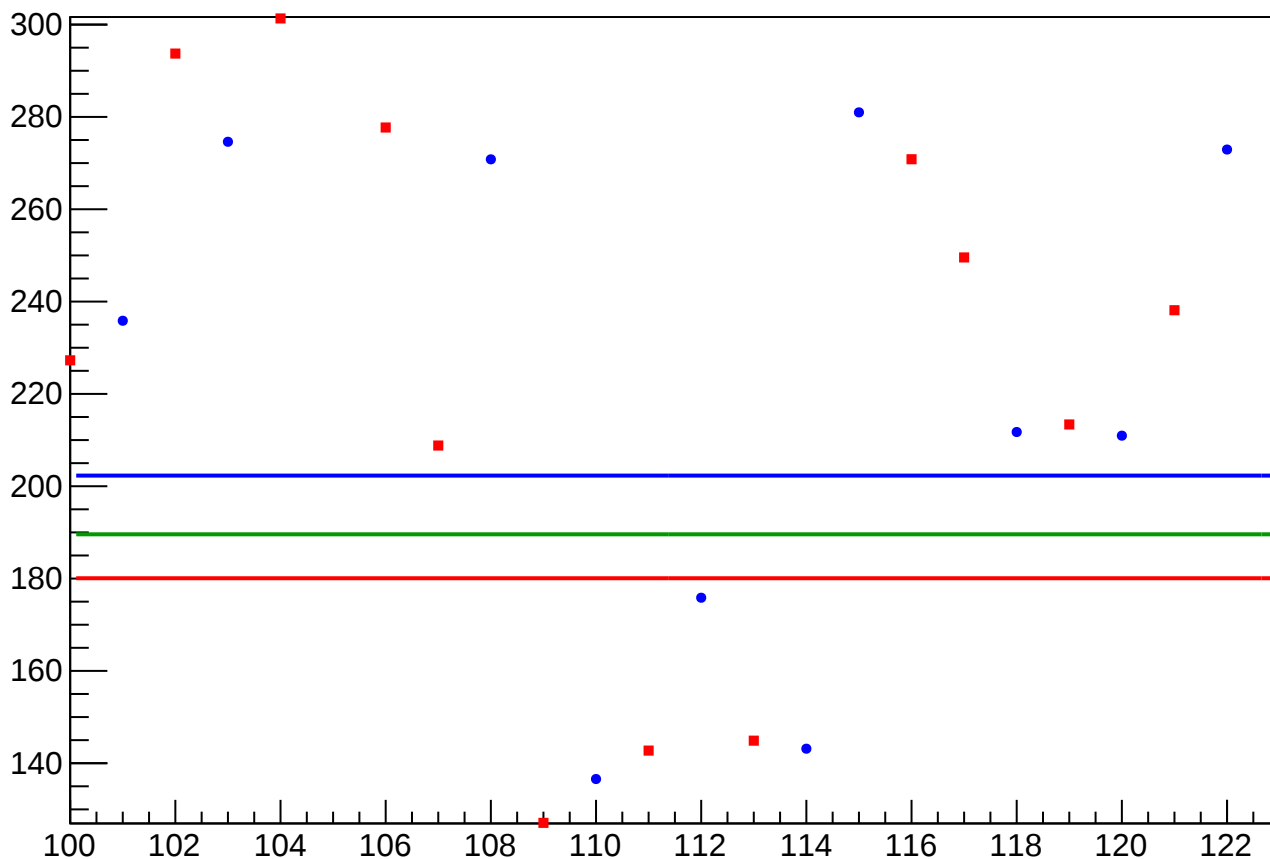
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

372.277+/-107.045 χ^2/NDF : 273.3/10

-326.254+/-70.035 χ^2/NDF : 546.2/22

-849.030+/-92.605 χ^2/NDF : 198.4/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 202.305+/-0.076 χ^2/NDF : 446213.6/10

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

Right Out: 180.069+/-0.065 χ^2/NDF : 802038.6/11

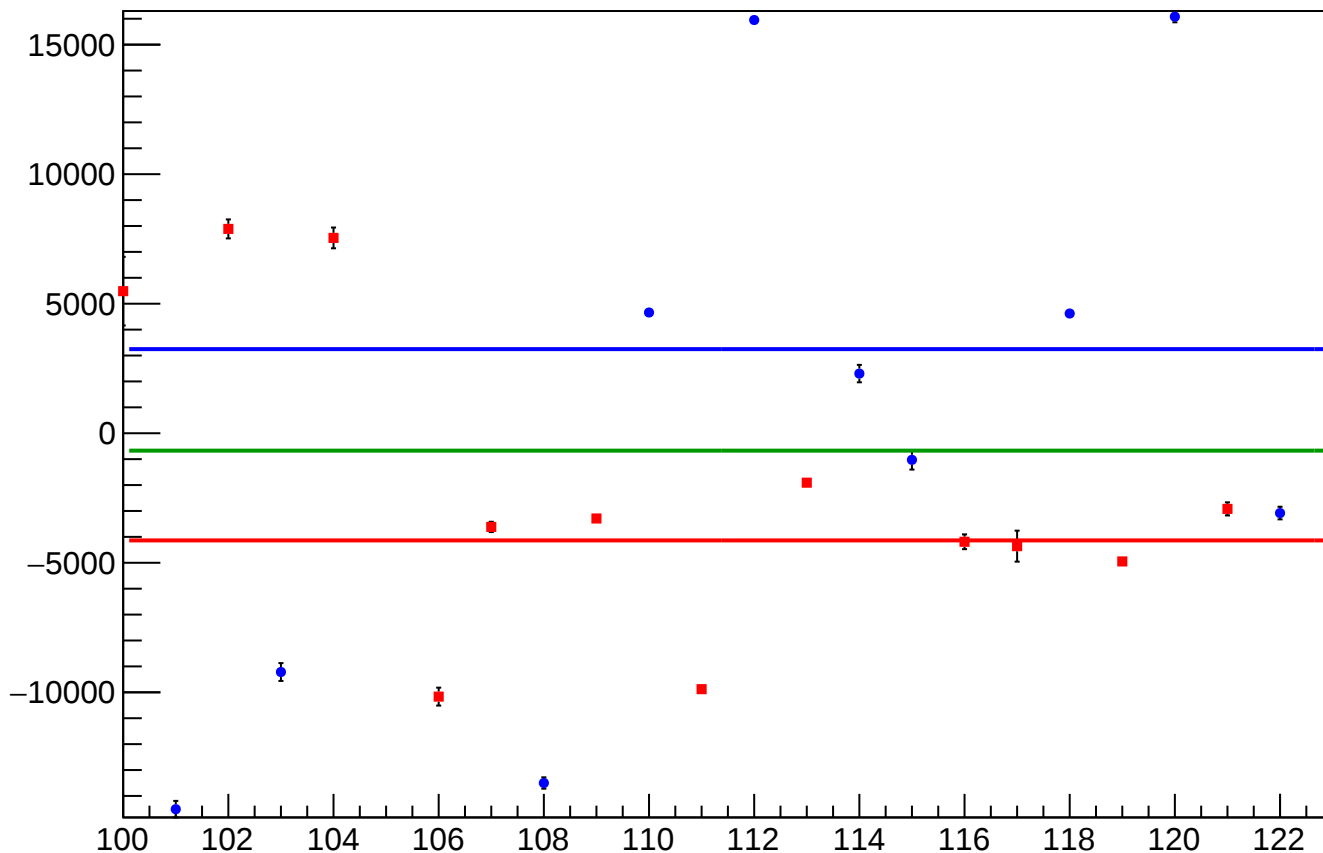
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

202.305+/-0.076 χ^2/NDF : 446213.6/10

189.588+/-0.050 χ^2/NDF : 1297611.2/22

180.069+/-0.065 χ^2/NDF : 802038.6/11

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3246.667+/-71.039 χ^2/NDF : 20325.1/10

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

Right Out: -4136.515+/-66.807 χ^2/NDF : 3887.5/11

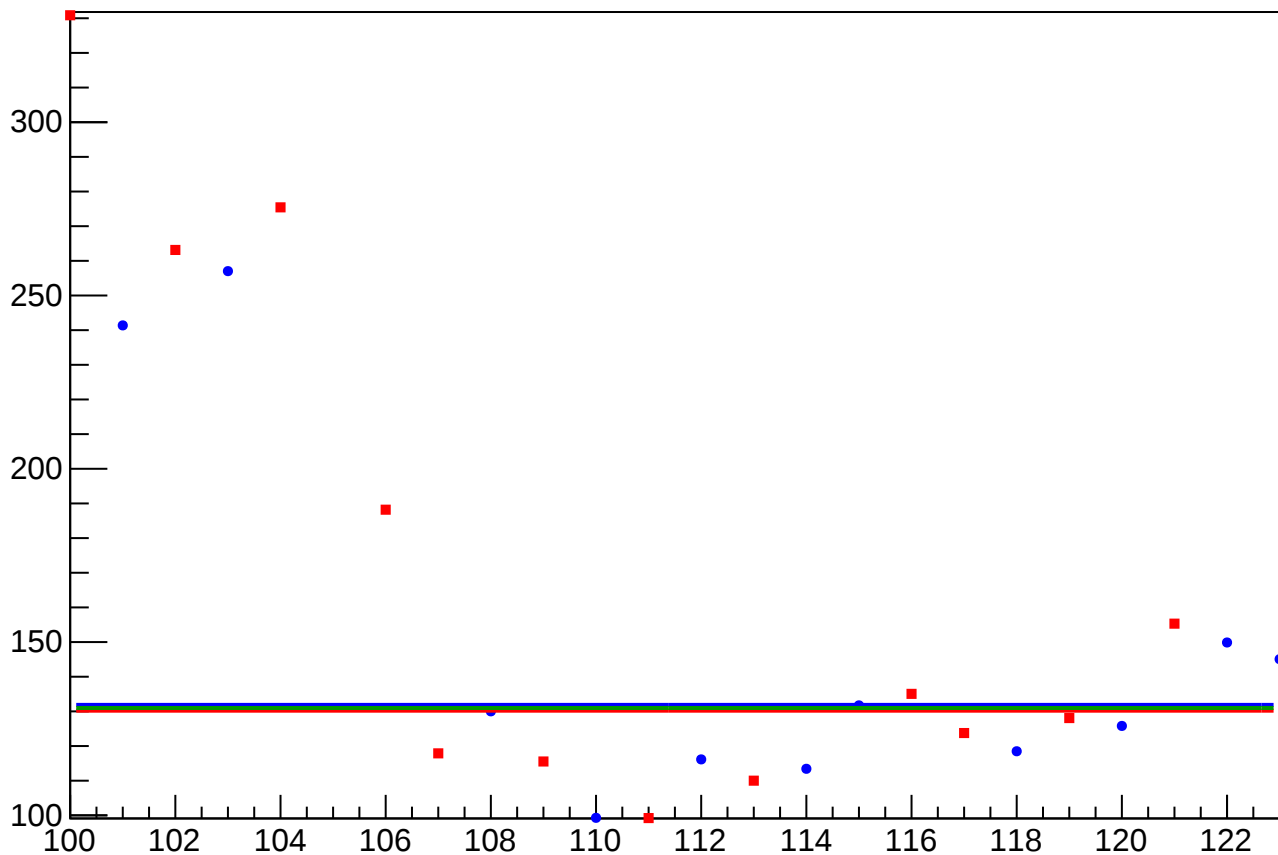
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3246.667+/-71.039 χ^2/NDF : 20325.1/10

-671.393+/-48.667 χ^2/NDF : 29944.7/22

-4136.515+/-66.807 χ^2/NDF : 3887.5/11

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 131.875+/-0.050 χ^2/NDF : 620477.6/10

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

Right Out: 130.202+/-0.047 χ^2/NDF : 780229.1/11

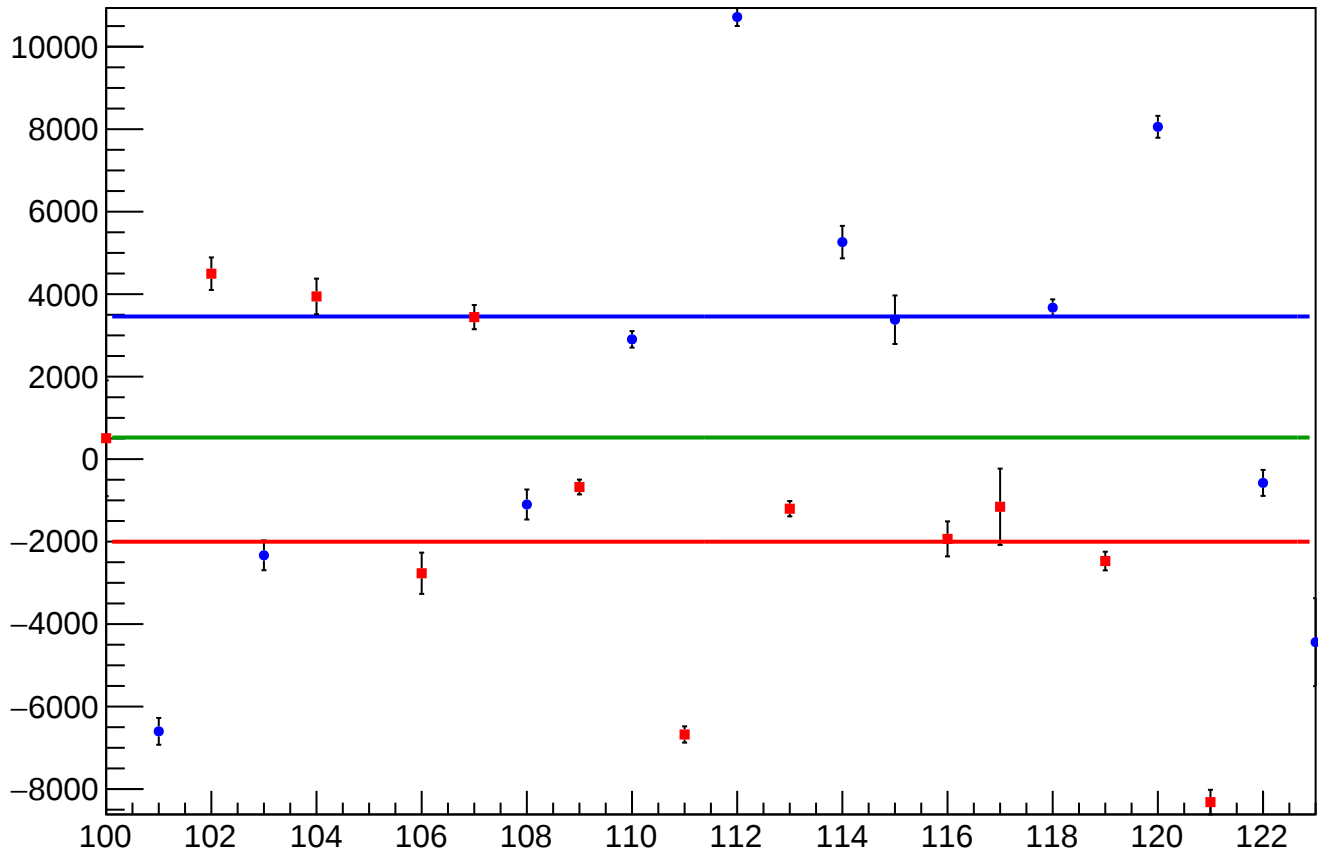
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

131.875+/-0.050 χ^2/NDF : 620477.6/10

130.987+/-0.034 χ^2/NDF : 1401295.5/22

130.202+/-0.047 χ^2/NDF : 780229.1/11

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3458.700+/-87.737 χ^2/NDF : 3029.3/10

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

Right Out: -2002.196+/-81.391 χ^2/NDF : 1895.9/11

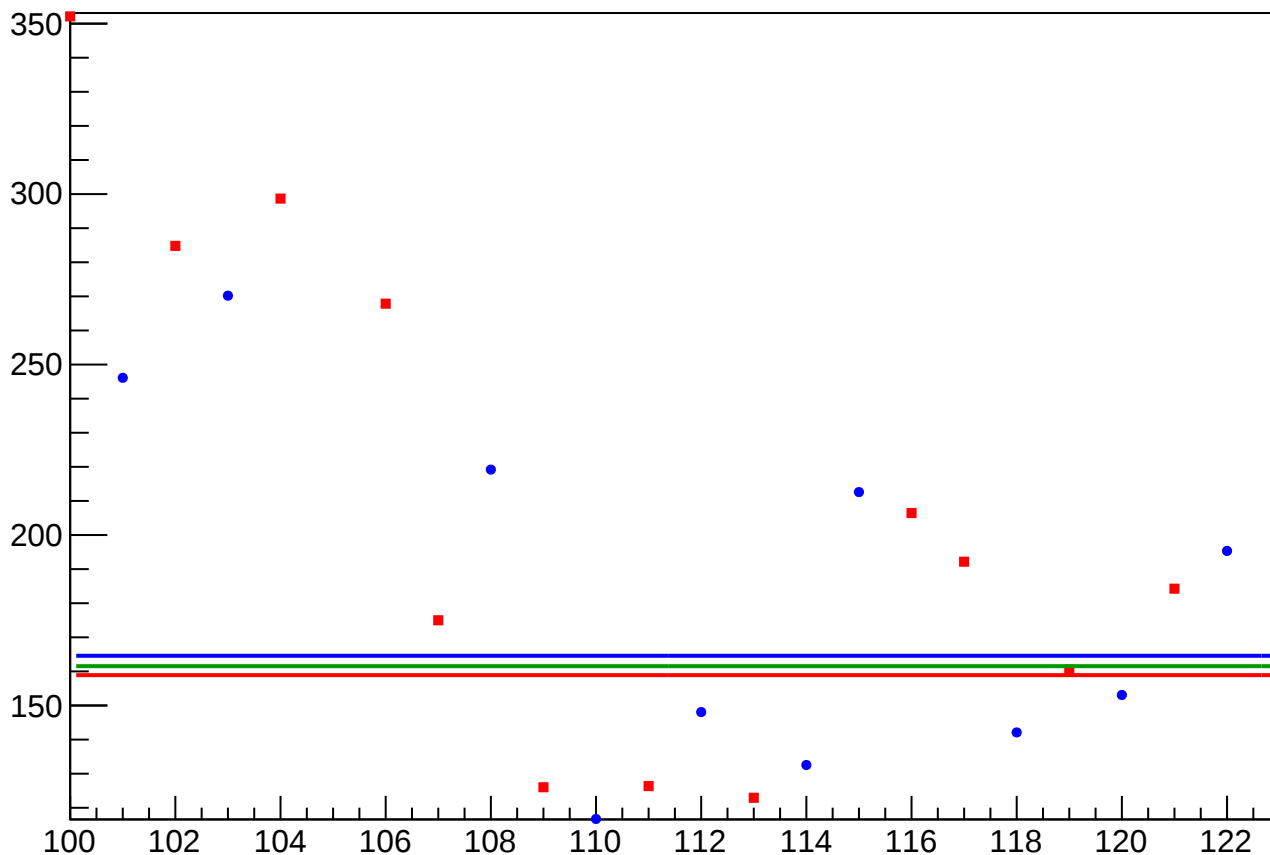
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3458.700+/-87.737 χ^2/NDF : 3029.3/10

523.630+/-59.670 χ^2/NDF : 7007.3/22

-2002.196+/-81.391 χ^2/NDF : 1895.9/11

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 164.586+/-0.062 χ^2/NDF : 544615.0/10

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

Right Out: 158.907+/-0.058 χ^2/NDF : 789824.0/11

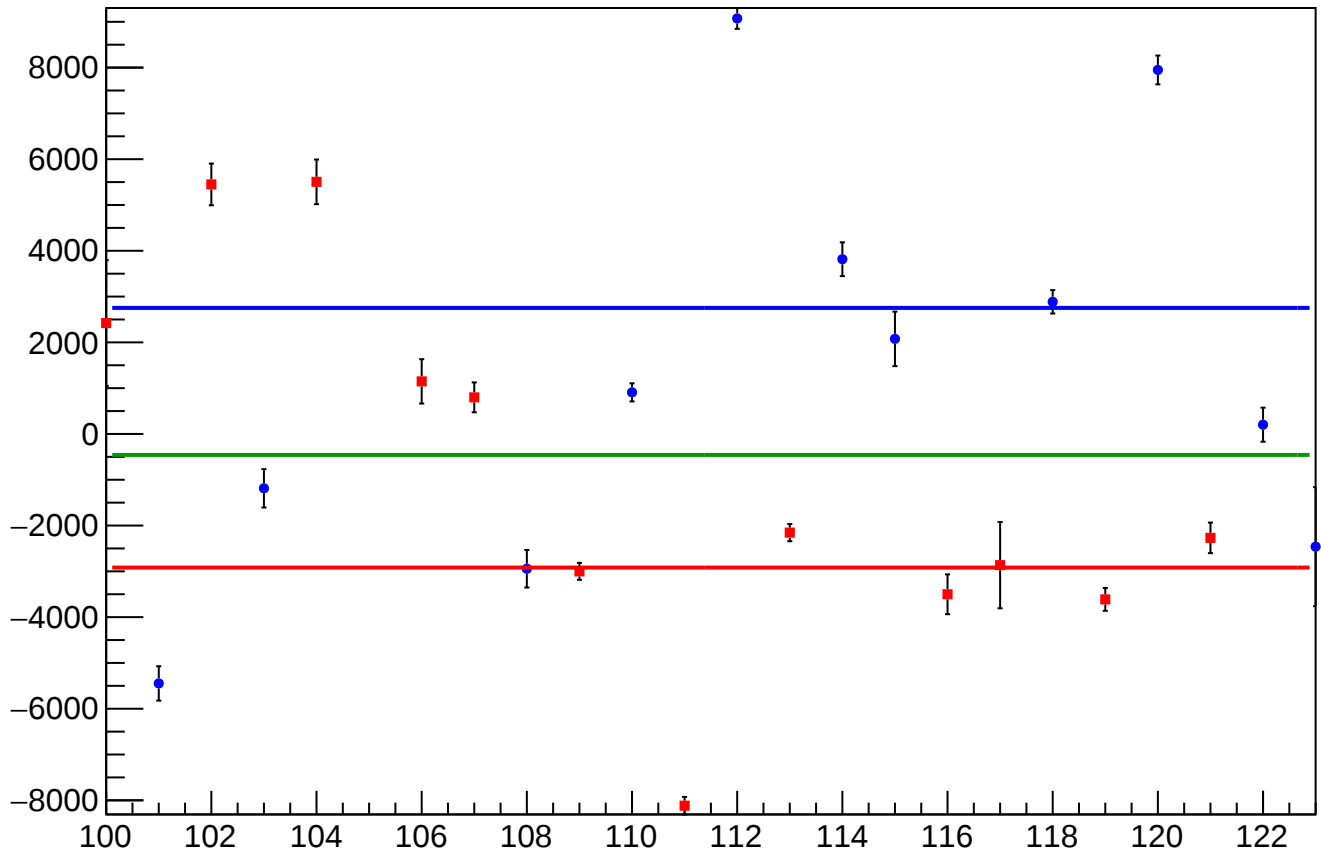
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.586+/-0.062 χ^2/NDF : 544615.0/10

161.533+/-0.042 χ^2/NDF : 1338942.3/22

158.907+/-0.058 χ^2/NDF : 789824.0/11

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2752.810+/-96.736 χ^2/NDF : 1962.2/10

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

Right Out: -2917.555+/-84.686 χ^2/NDF : 1619.5/11

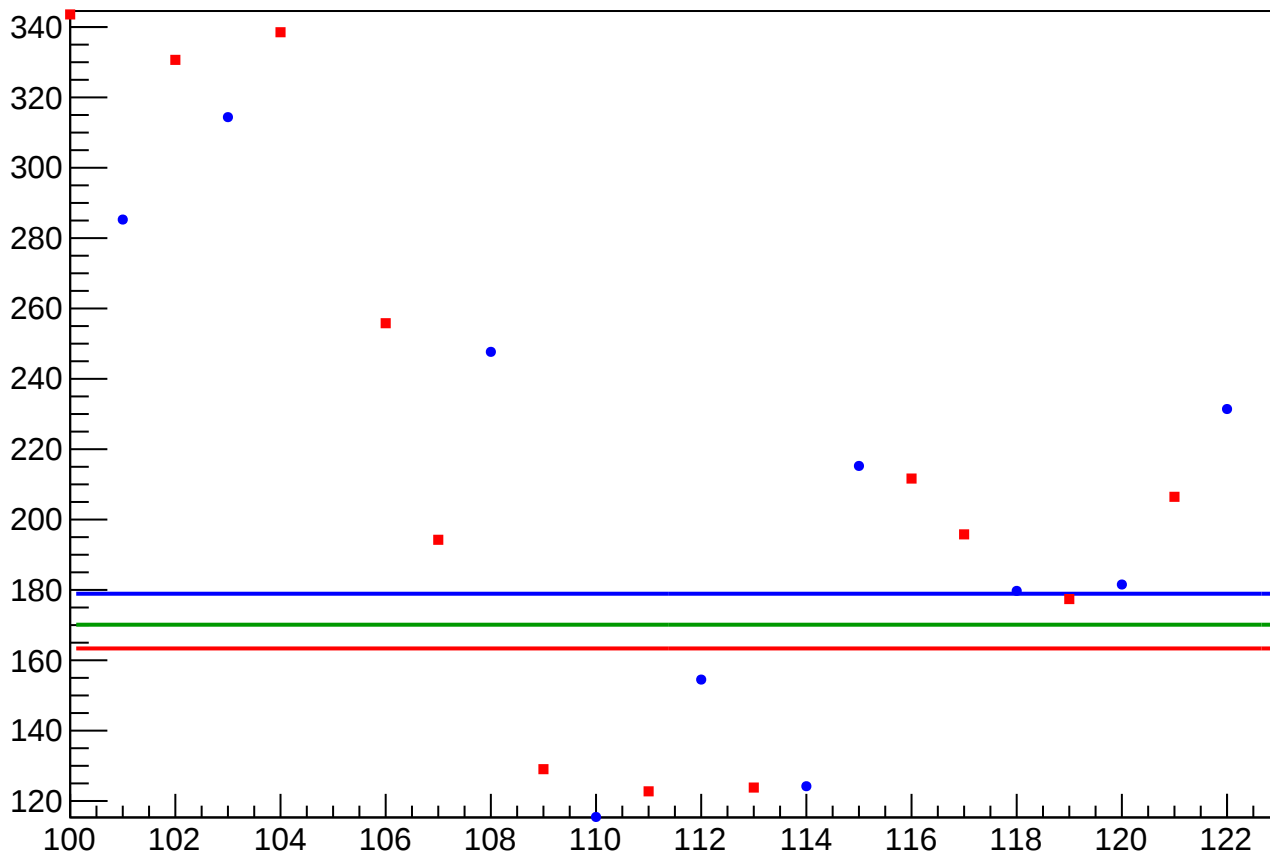
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2752.810+/-96.736 χ^2/NDF : 1962.2/10

-457.325+/-63.719 χ^2/NDF : 5526.9/22

-2917.555+/-84.686 χ^2/NDF : 1619.5/11

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 178.918+/-0.068 χ^2/NDF : 749919.0/10

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

Right Out: 163.362+/-0.060 χ^2/NDF : 967928.2/11

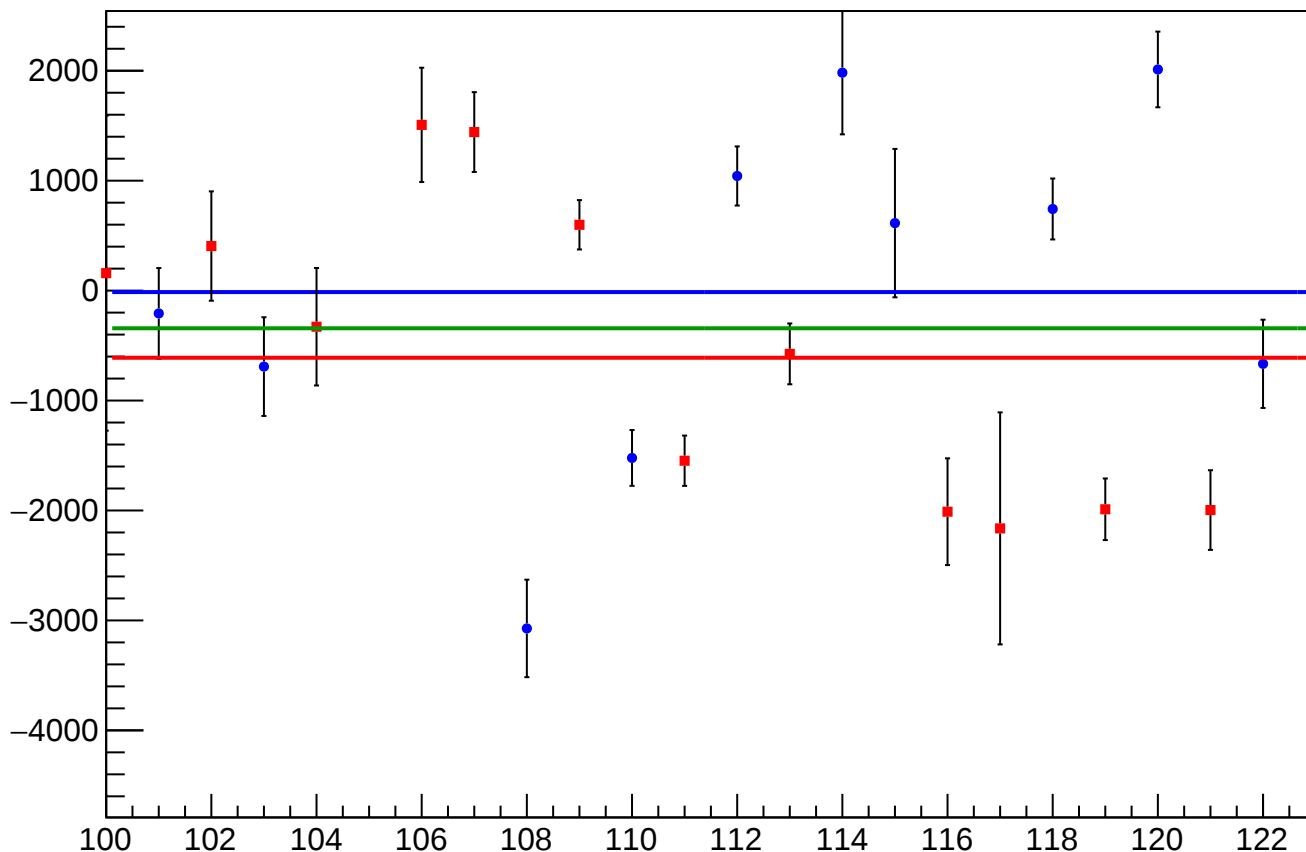
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

178.918+/-0.068 χ^2/NDF : 749919.0/10

170.111+/-0.045 χ^2/NDF : 1747126.0/22

163.362+/-0.060 χ^2/NDF : 967928.2/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -13.240 ± 112.631 χ^2/NDF : 165.0/10

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

Right Out: -610.716 ± 101.619 χ^2/NDF : 148.4/11

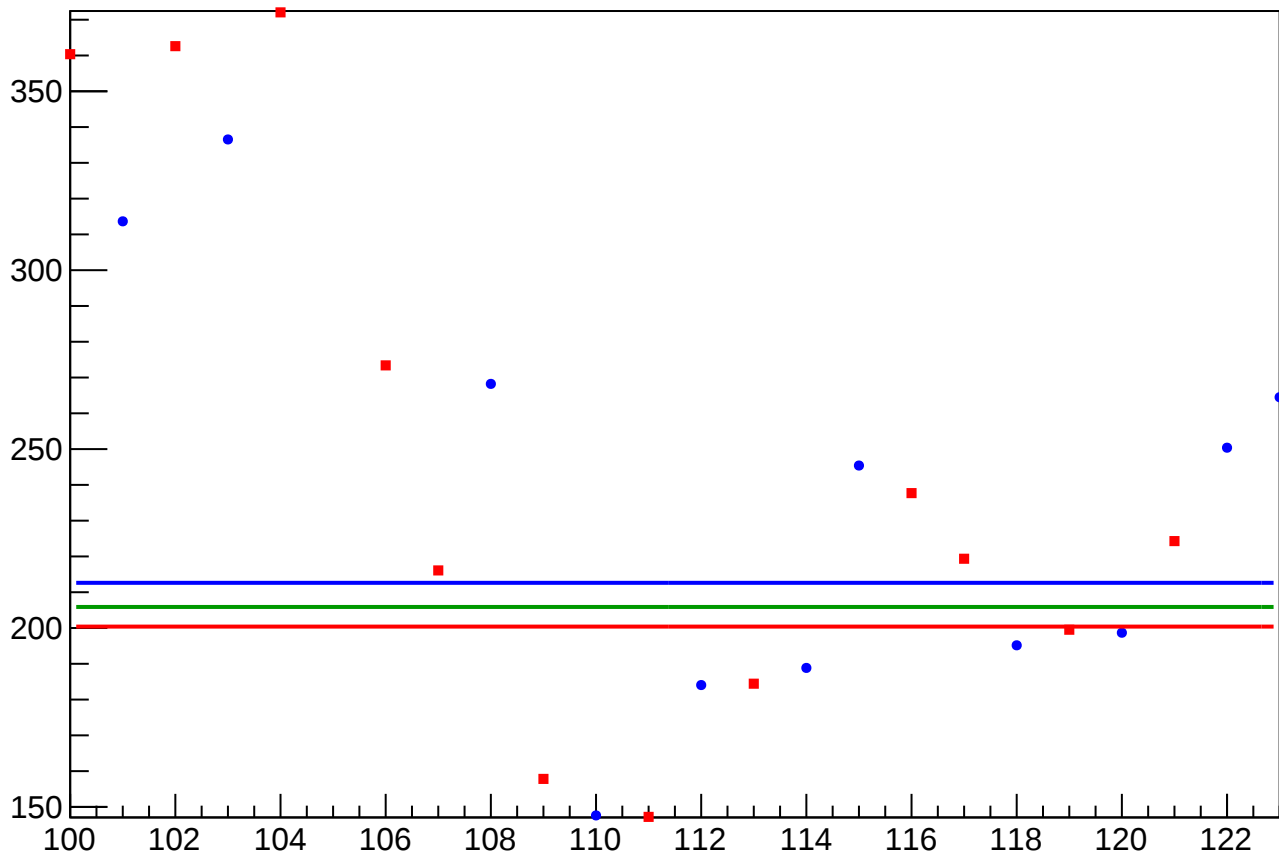
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-13.240 ± 112.631 χ^2/NDF : 165.0/10

-342.607 ± 75.449 χ^2/NDF : 329.0/22

-610.716 ± 101.619 χ^2/NDF : 148.4/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.628 ± 0.080 $\chi^2/\text{NDF}: 497370.2/10$

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

Right Out: 200.396 ± 0.072 $\chi^2/\text{NDF}: 694949.0/11$

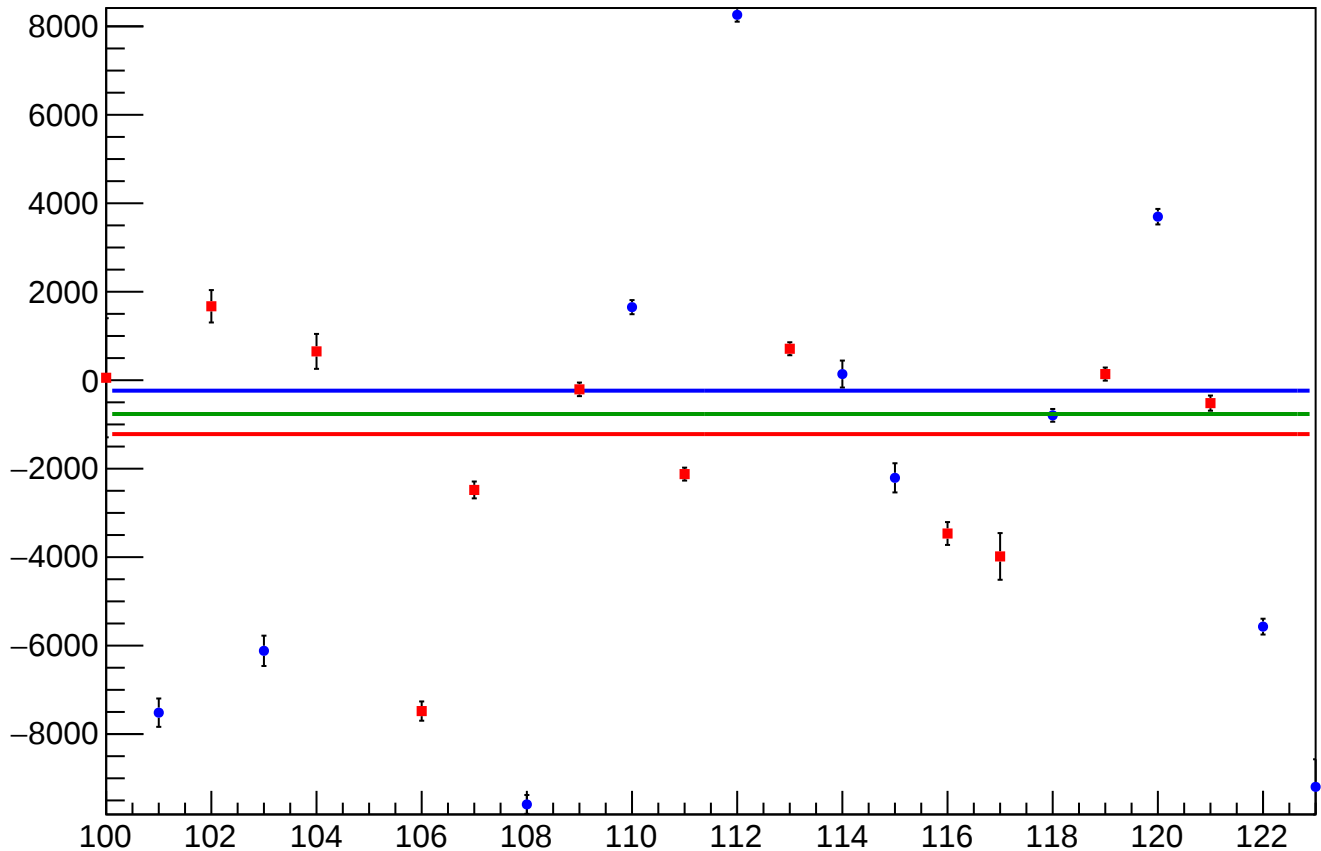
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

212.628 ± 0.080 $\chi^2/\text{NDF}: 497370.2/10$

205.885 ± 0.053 $\chi^2/\text{NDF}: 1205323.5/22$

200.396 ± 0.072 $\chi^2/\text{NDF}: 694949.0/11$

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -236.380+/-62.545 χ^2/NDF : 7545.5/10

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

Right Out: -1218.355+/-58.031 χ^2/NDF : 1414.1/11

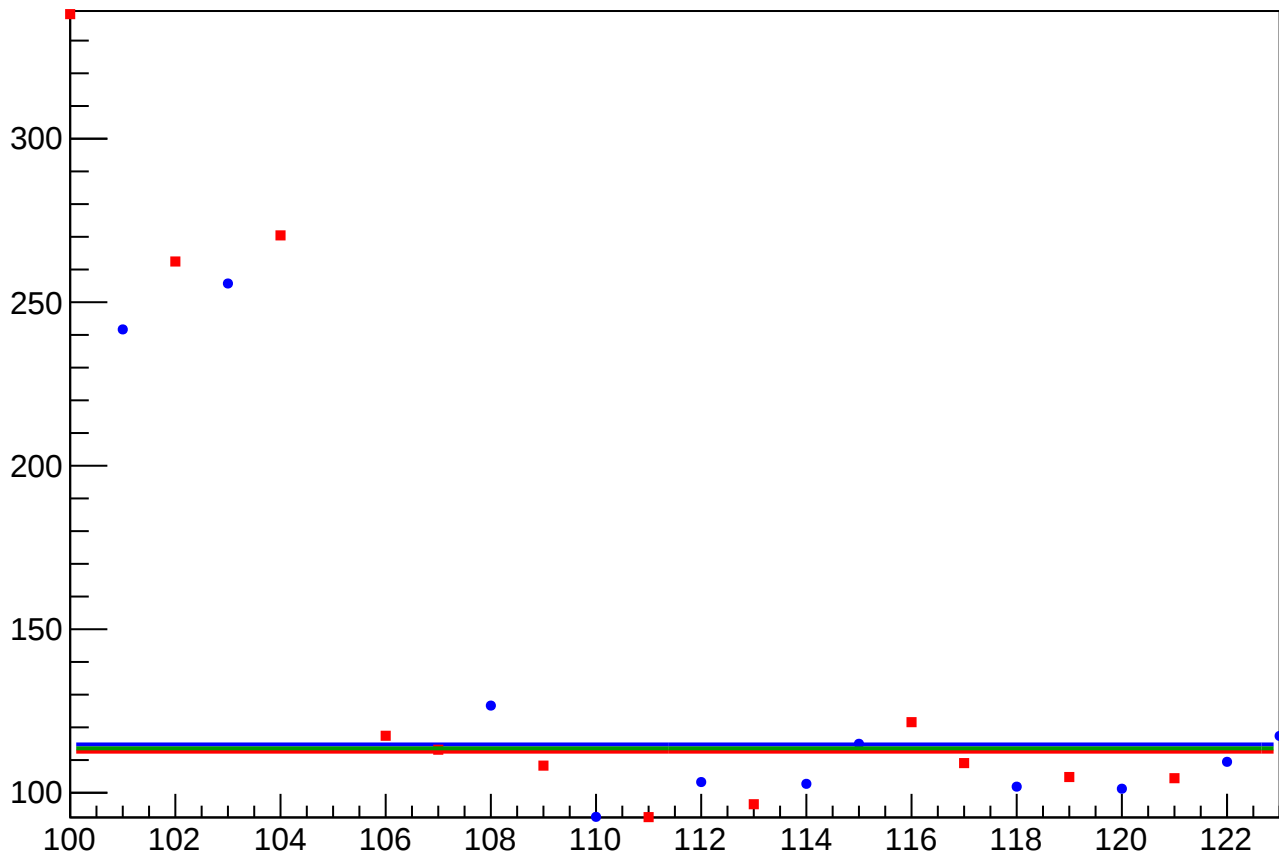
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-236.380+/-62.545 χ^2/NDF : 7545.5/10

-764.078+/-42.540 χ^2/NDF : 9092.0/22

-1218.355+/-58.031 χ^2/NDF : 1414.1/11

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 114.766+/-0.044 χ^2/NDF : 739918.3/10

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

Right Out: 112.570+/-0.041 χ^2/NDF : 787214.2/11

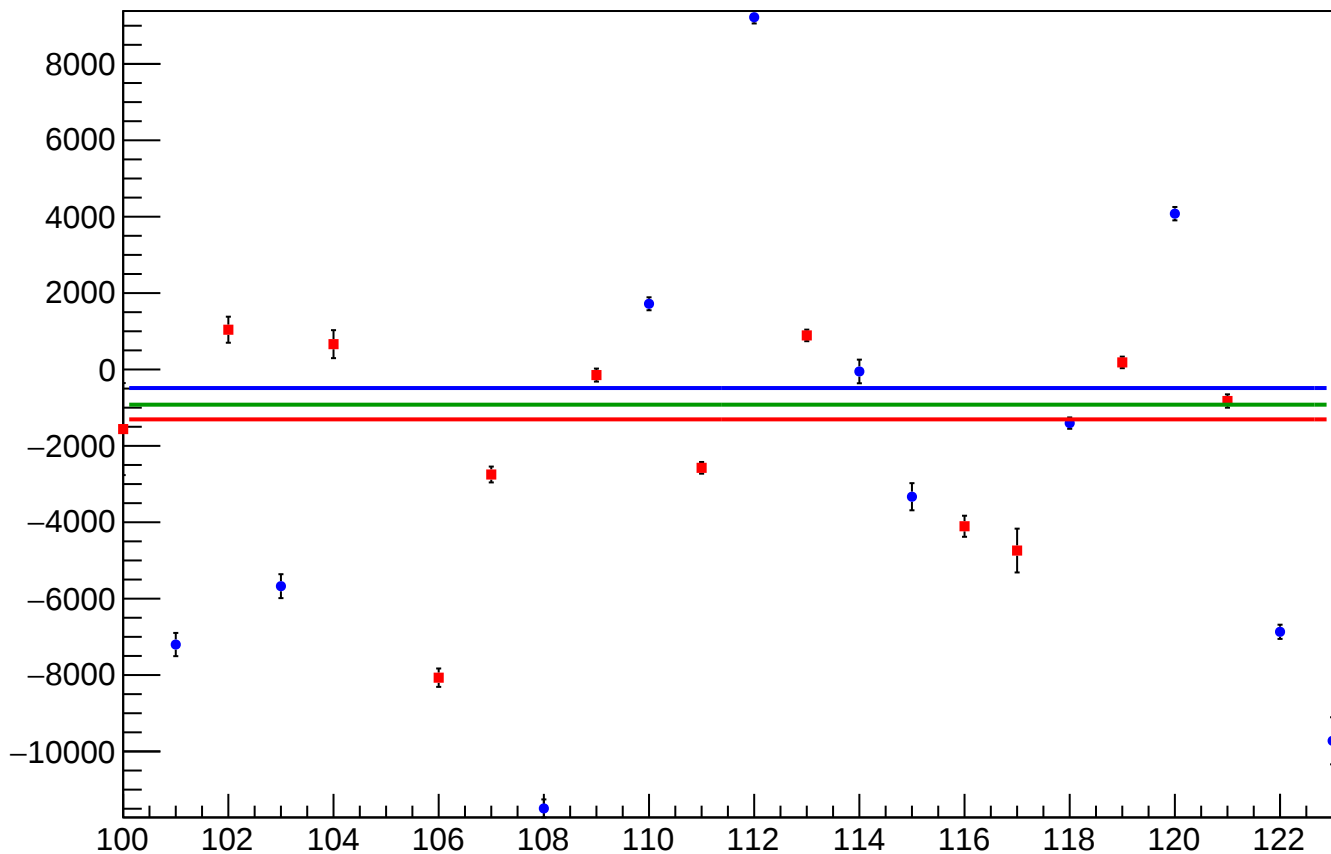
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

114.766+/-0.044 χ^2/NDF : 739918.3/10

113.586+/-0.030 χ^2/NDF : 1528457.5/22

112.570+/-0.041 χ^2/NDF : 787214.2/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -485.826+/-64.637 χ^2/NDF : 8838.8/10

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

Right Out: -1306.371+/-60.763 χ^2/NDF : 1483.1/11

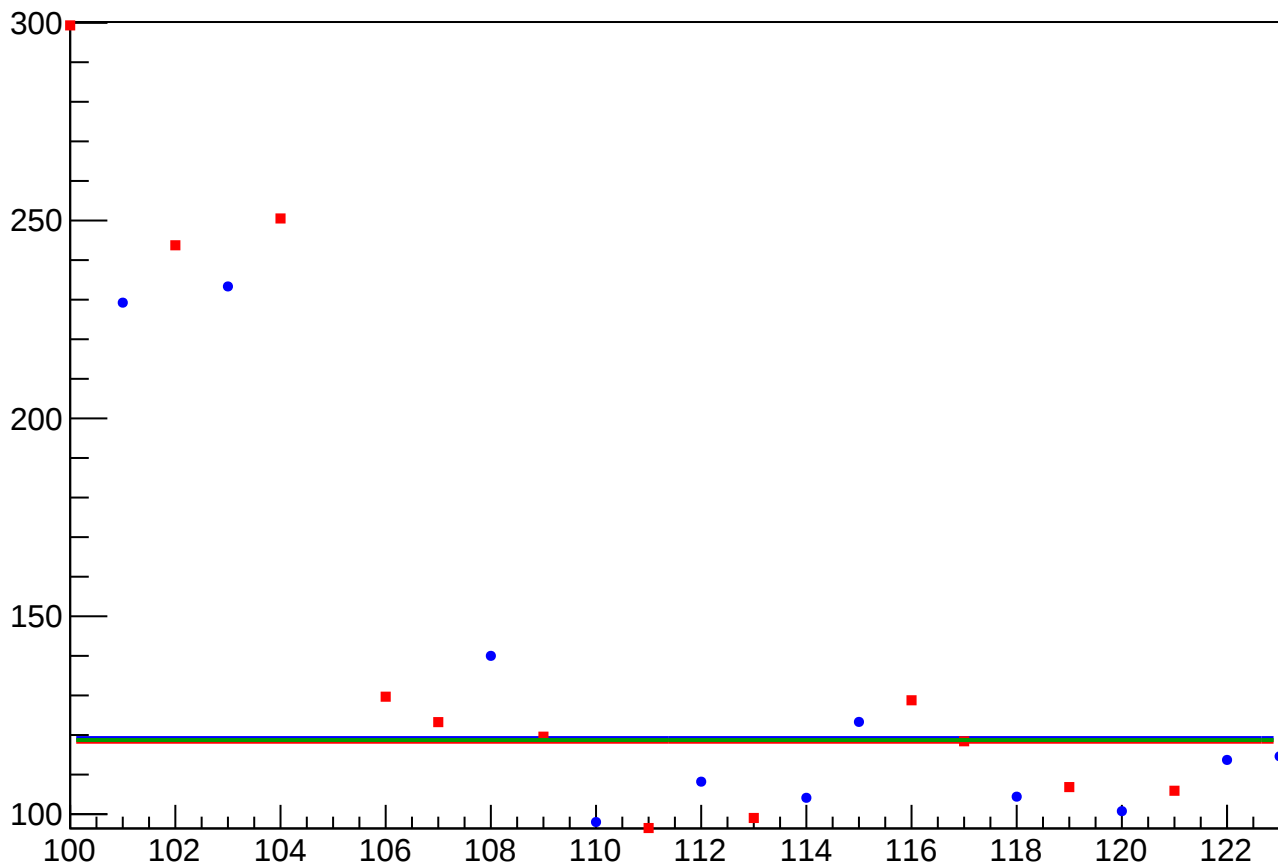
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-485.826+/-64.637 χ^2/NDF : 8838.8/10

-921.428+/-44.272 χ^2/NDF : 10407.5/22

-1306.371+/-60.763 χ^2/NDF : 1483.1/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.228 $\pm$ 0.046 χ^2 /NDF: 632115.9/10

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

Right Out: 118.304 $\pm$ 0.043 χ^2 /NDF: 679269.2/11

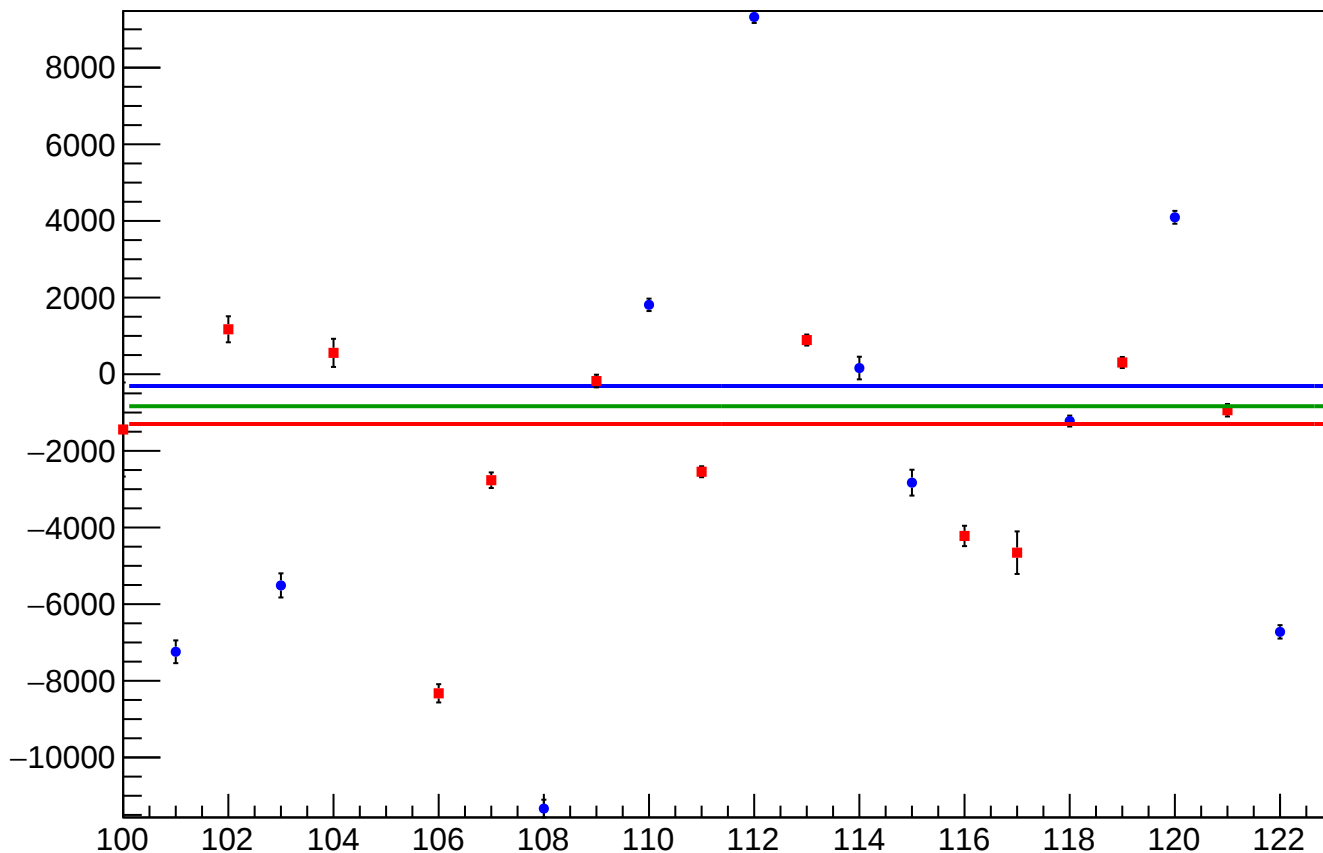
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.228 $\pm$ 0.046 χ^2 /NDF: 632115.9/10

118.738 $\pm$ 0.031 χ^2 /NDF: 1311601.9/22

118.304 $\pm$ 0.043 χ^2 /NDF: 679269.2/11

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -307.769+/-61.994 χ^2/NDF : 9441.9/10

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

Right Out: -1298.918+/-58.158 χ^2/NDF : 1642.0/11

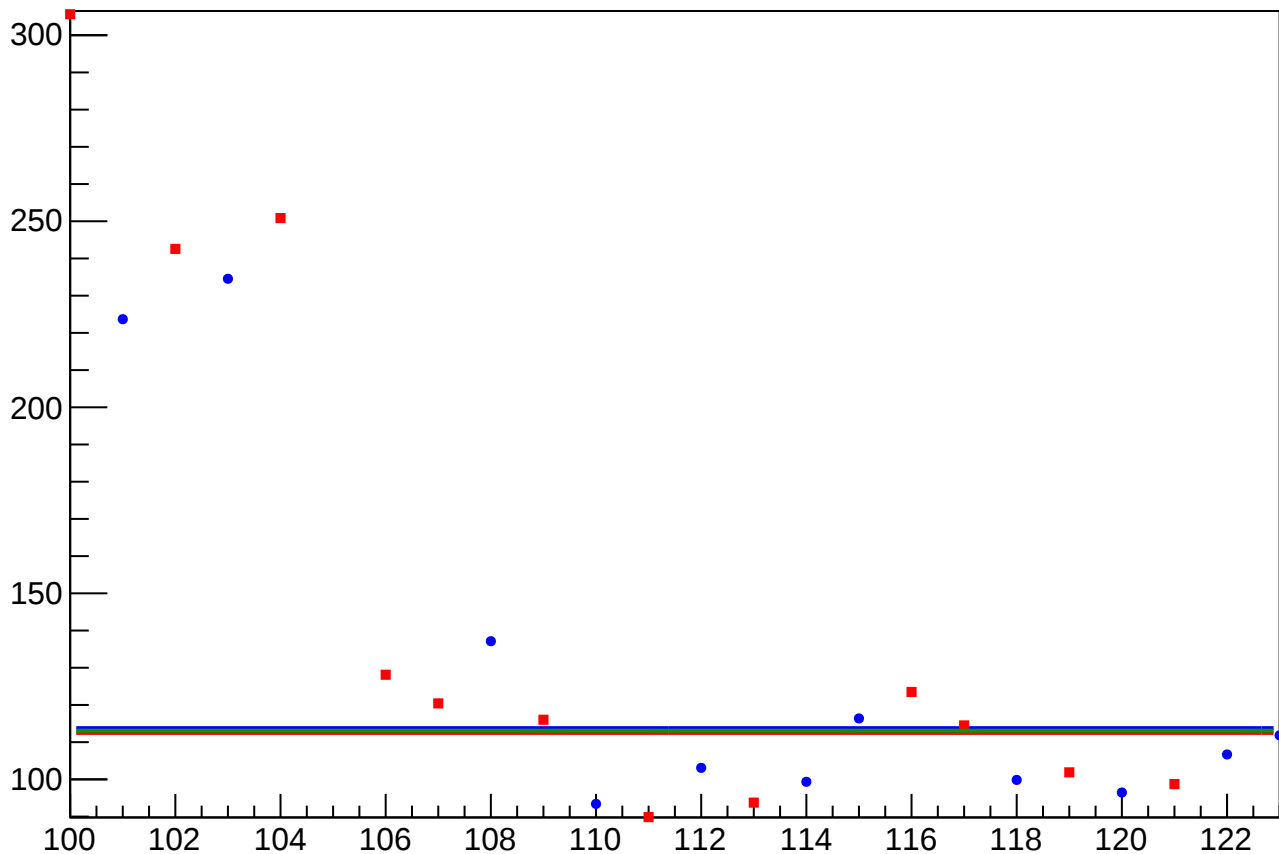
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-307.769+/-61.994 χ^2/NDF : 9441.9/10

-834.953+/-42.415 χ^2/NDF : 11219.9/22

-1298.918+/-58.158 χ^2/NDF : 1642.0/11

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.763 $\pm$ 0.044 χ^2 /NDF: 677921.0/10

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

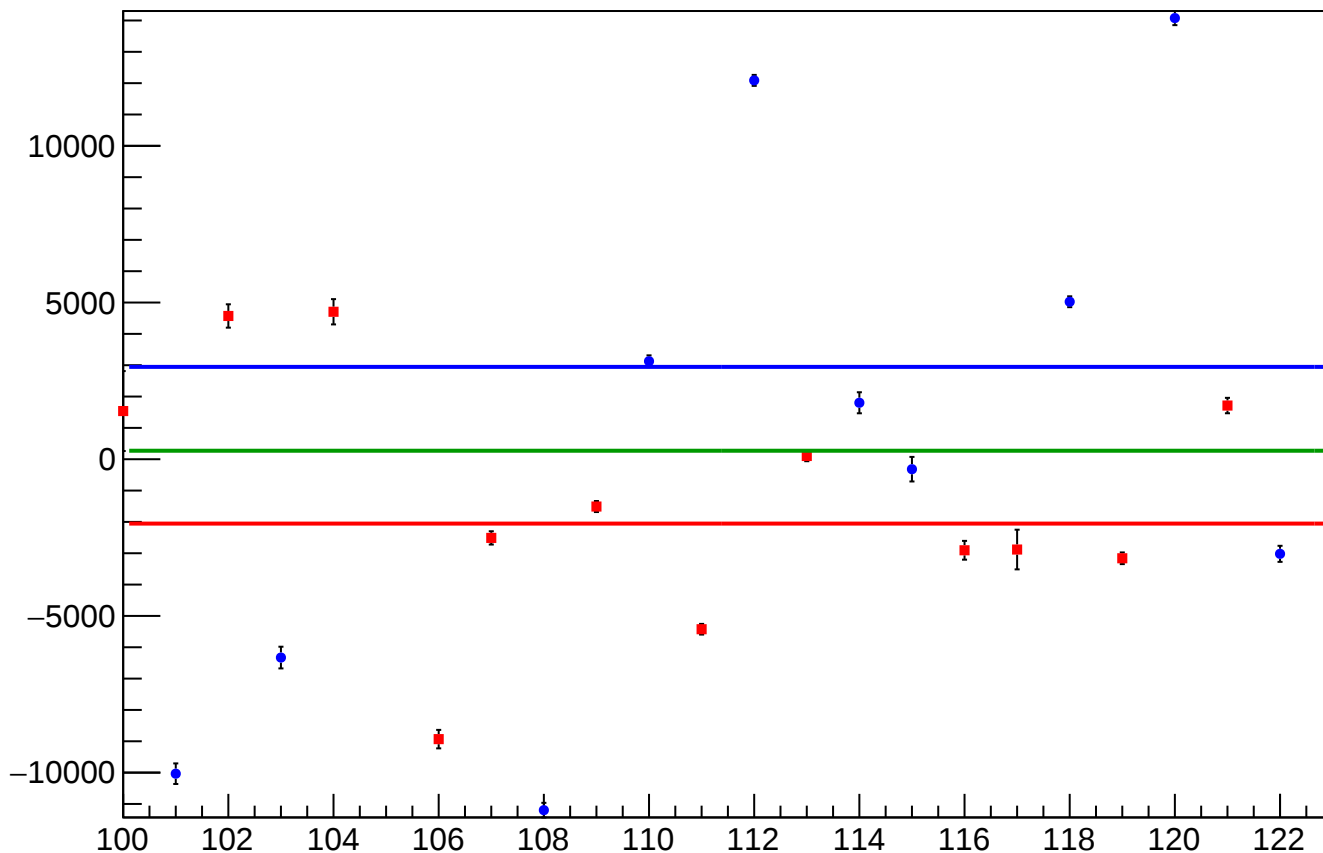
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.763 $\pm$ 0.044 χ^2 /NDF: 677921.0/10

113.083 $\pm$ 0.030 χ^2 /NDF: 1430797.2/22

112.485 $\pm$ 0.041 χ^2 /NDF: 752423.9/11

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2946.699+/-74.087 χ^2/NDF : 12010.7/10

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

Right Out: -2053.744+/-69.058 χ^2/NDF : 2002.5/11

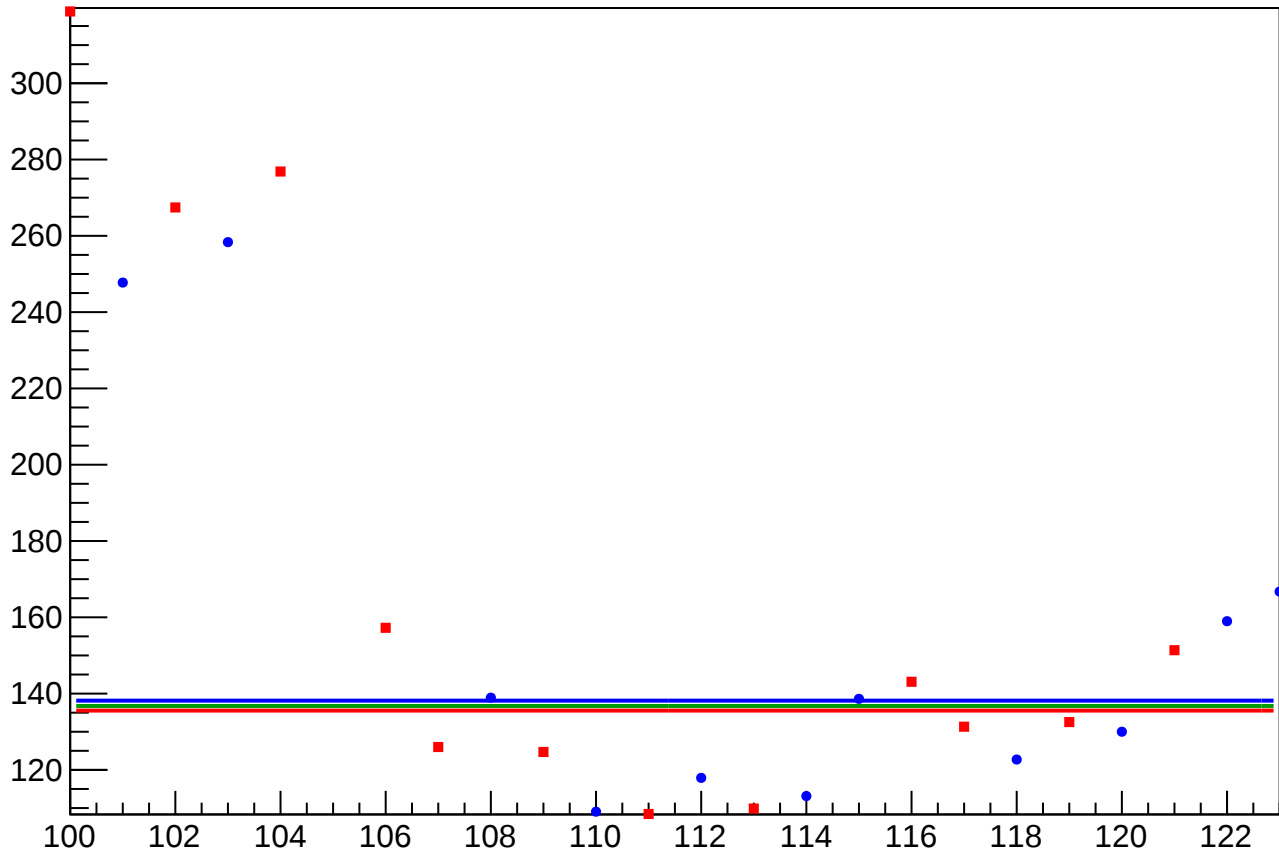
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2946.699+/-74.087 χ^2/NDF : 12010.7/10

271.030+/-50.516 χ^2/NDF : 16450.7/22

-2053.744+/-69.058 χ^2/NDF : 2002.5/11

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 138.156+/-0.052 χ^2/NDF : 583842.2/10

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

Right Out: 135.552+/-0.049 χ^2/NDF : 667769.3/11

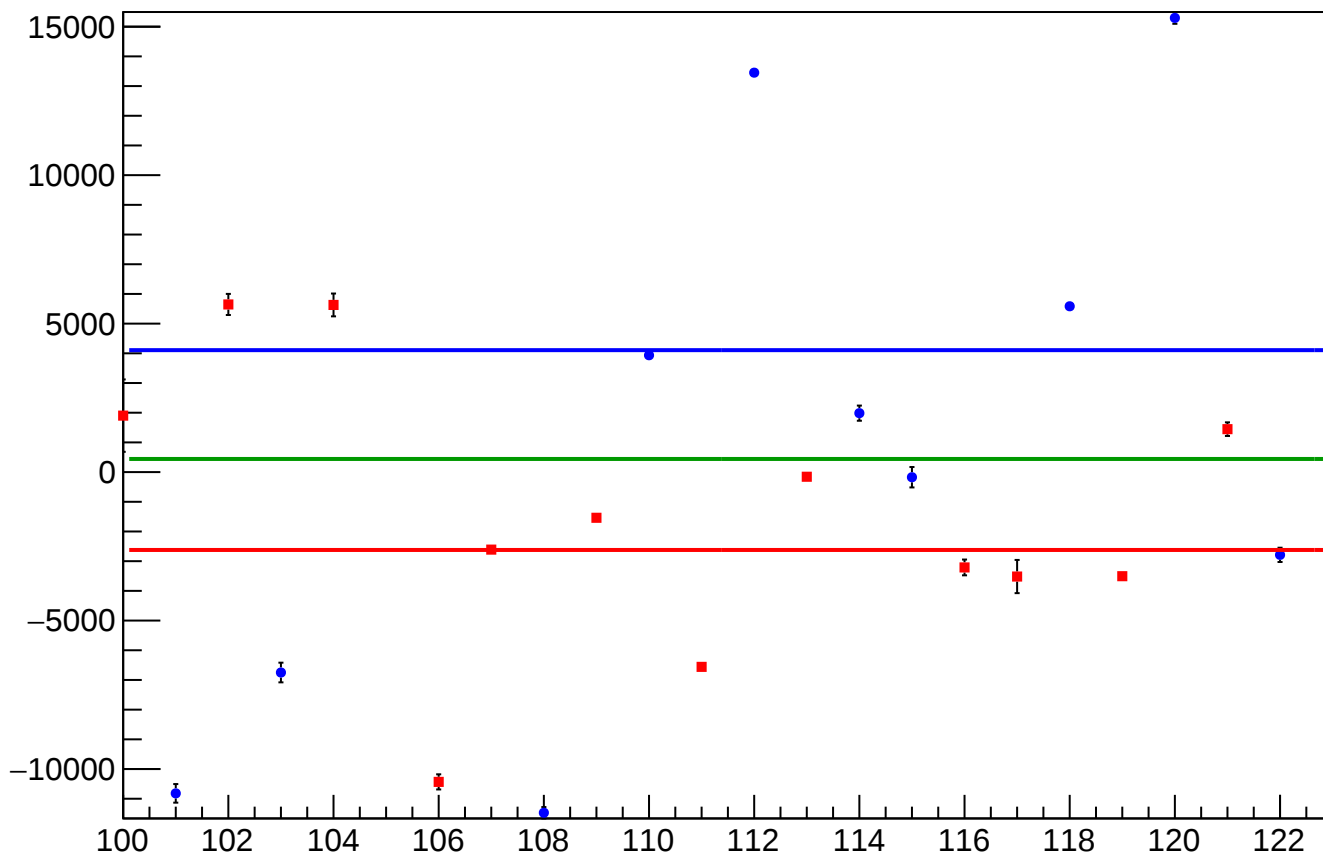
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.156+/-0.052 χ^2/NDF : 583842.2/10

136.763+/-0.036 χ^2/NDF : 1252933.8/22

135.552+/-0.049 χ^2/NDF : 667769.3/11

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4106.728+/-60.639 χ^2/NDF : 19359.2/10

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

Right Out: -2622.386+/-55.457 χ^2/NDF : 3803.3/11

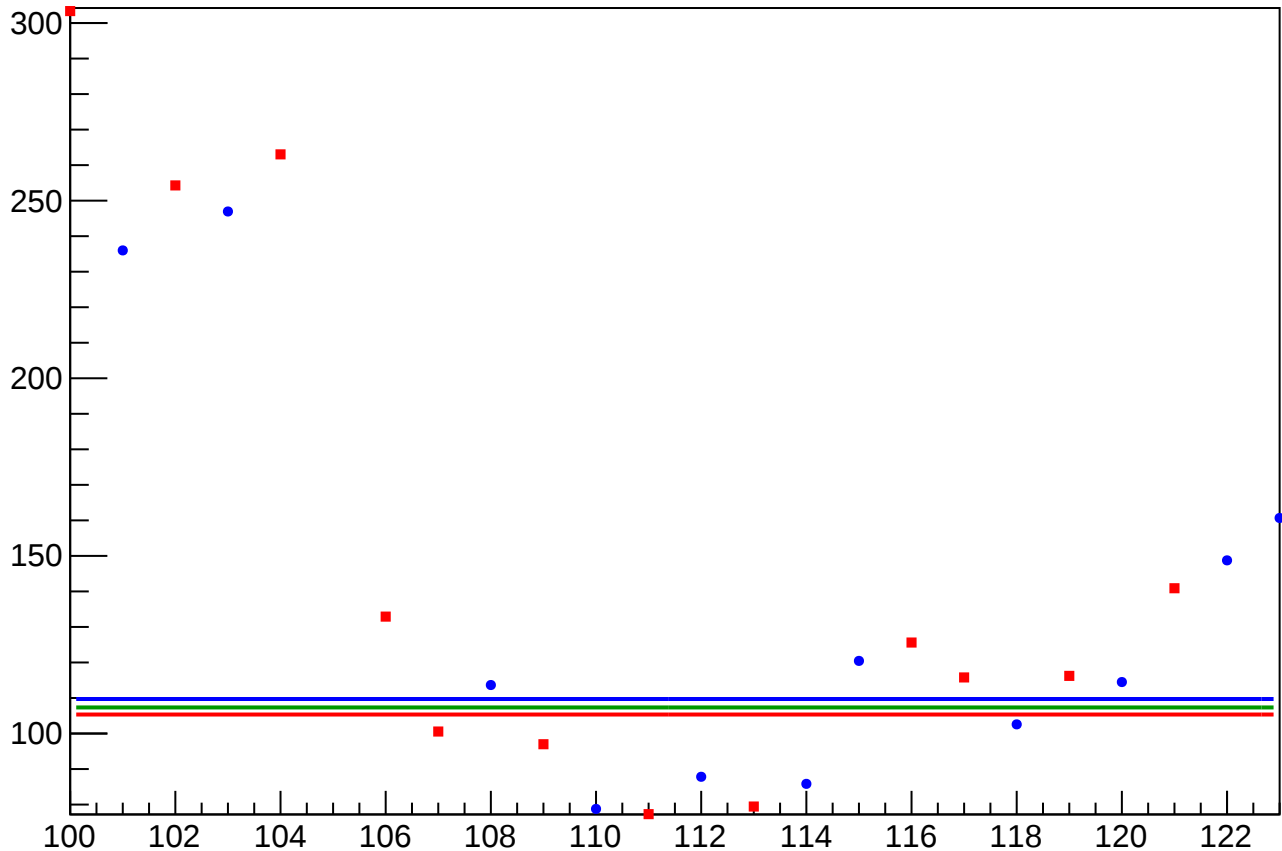
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4106.728+/-60.639 χ^2/NDF : 19359.2/10

442.377+/-40.924 χ^2/NDF : 29868.2/22

-2622.386+/-55.457 χ^2/NDF : 3803.3/11

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 109.718+/-0.043 χ^2/NDF : 911174.1/10

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

Right Out: 105.349+/-0.039 χ^2/NDF : 1036992.4/11

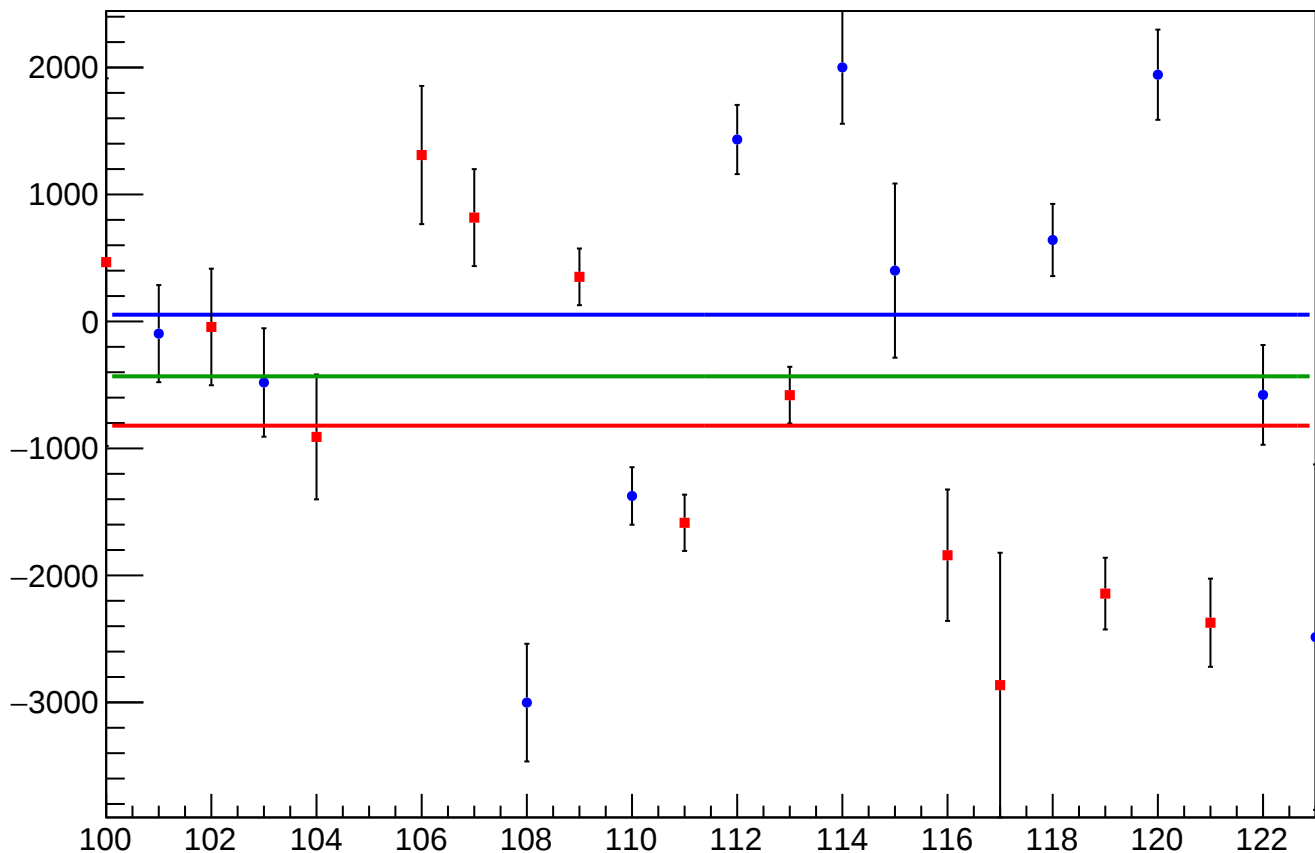
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.718+/-0.043 χ^2/NDF : 911174.1/10

107.339+/-0.029 χ^2/NDF : 1953821.1/22

105.349+/-0.039 χ^2/NDF : 1036992.4/11

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 53.137+/-108.801 χ^2 /NDF: 168.7/10

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

Right Out: -820.599+/-97.326 χ^2 /NDF: 127.7/11

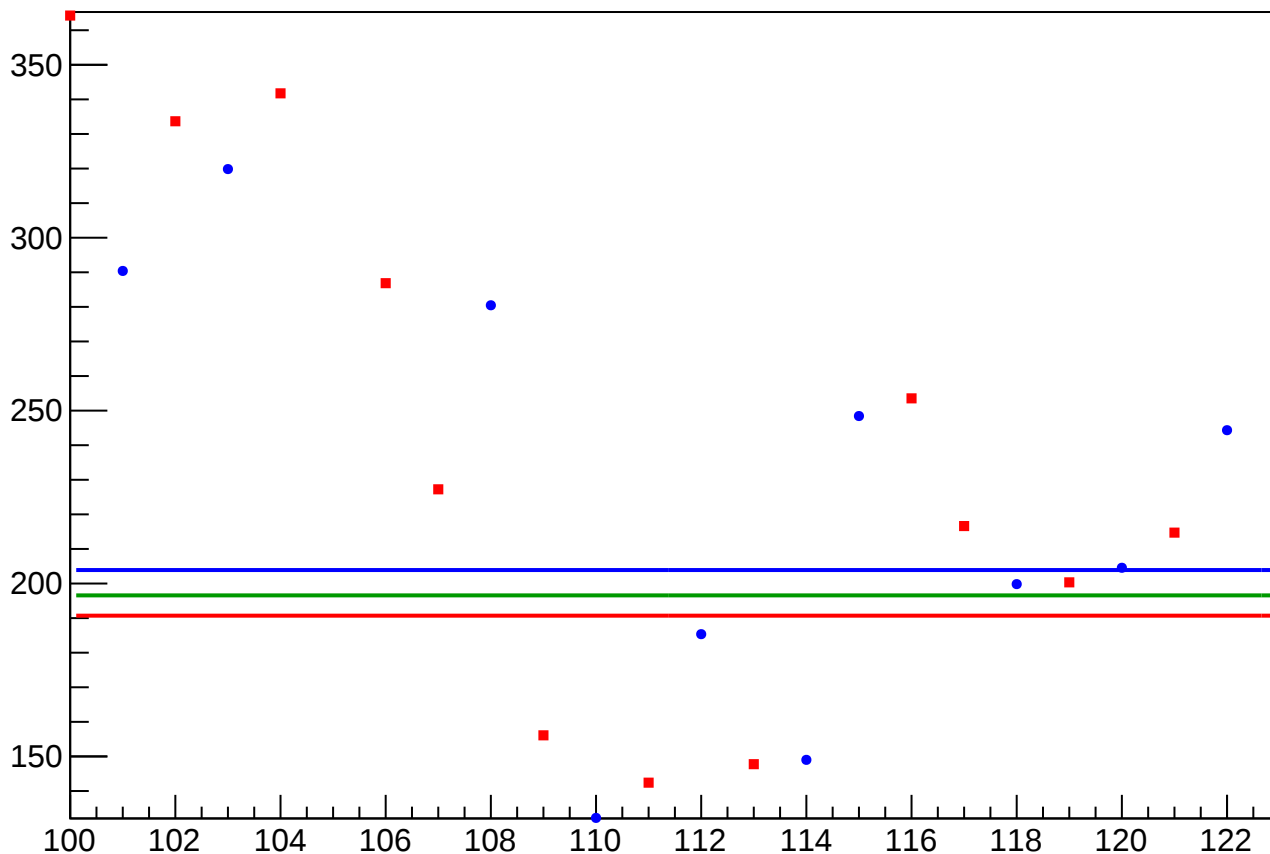
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

53.137+/-108.801 χ^2 /NDF: 168.7/10

-432.223+/-72.539 χ^2 /NDF: 332.3/22

-820.599+/-97.326 χ^2 /NDF: 127.7/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 203.900+/-0.077 χ^2/NDF : 577958.7/10

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

Right Out: 190.708+/-0.069 χ^2/NDF : 751752.5/11

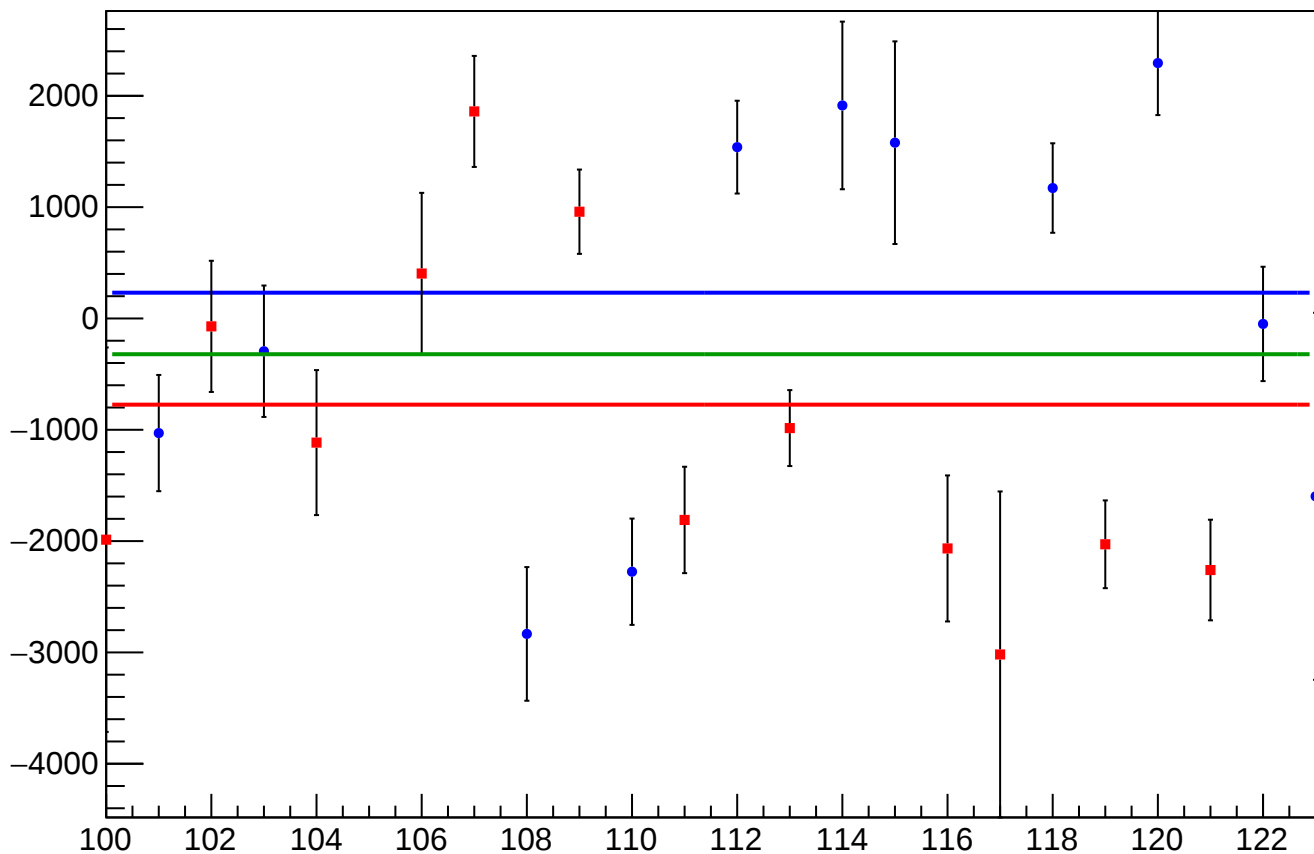
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.900+/-0.077 χ^2/NDF : 577958.7/10

196.572+/-0.051 χ^2/NDF : 1346044.3/22

190.708+/-0.069 χ^2/NDF : 751752.5/11

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 231.534+/-163.634 χ^2/NDF : 103.8/10

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

Right Out: -774.292+/-148.158 χ^2/NDF : 85.9/11

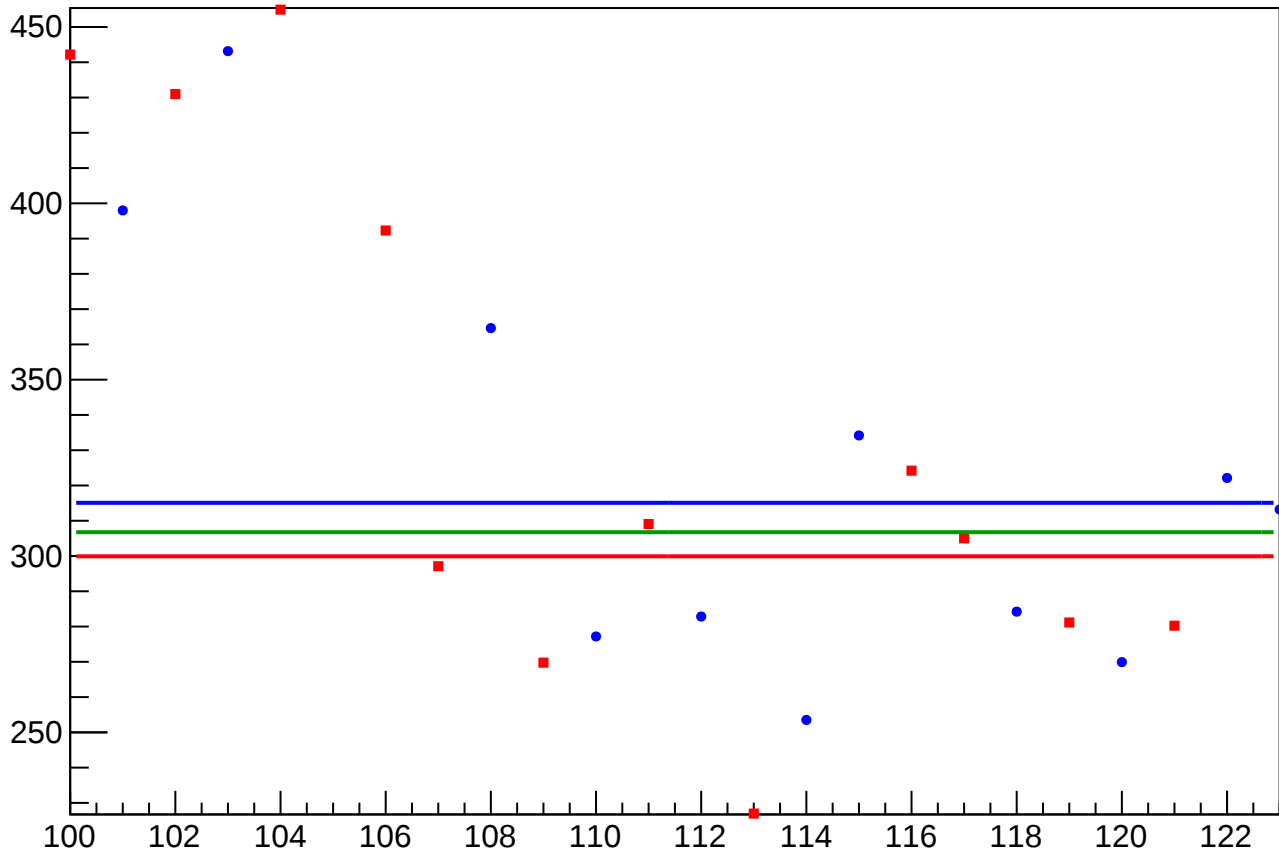
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

231.534+/-163.634 χ^2/NDF : 103.8/10

-321.179+/-109.828 χ^2/NDF : 210.4/22

-774.292+/-148.158 χ^2/NDF : 85.9/11

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 315.090 ± 0.116 $\chi^2/\text{NDF}: 227822.8/10$

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

Right Out: 299.923 ± 0.105 $\chi^2/\text{NDF}: 374313.2/11$

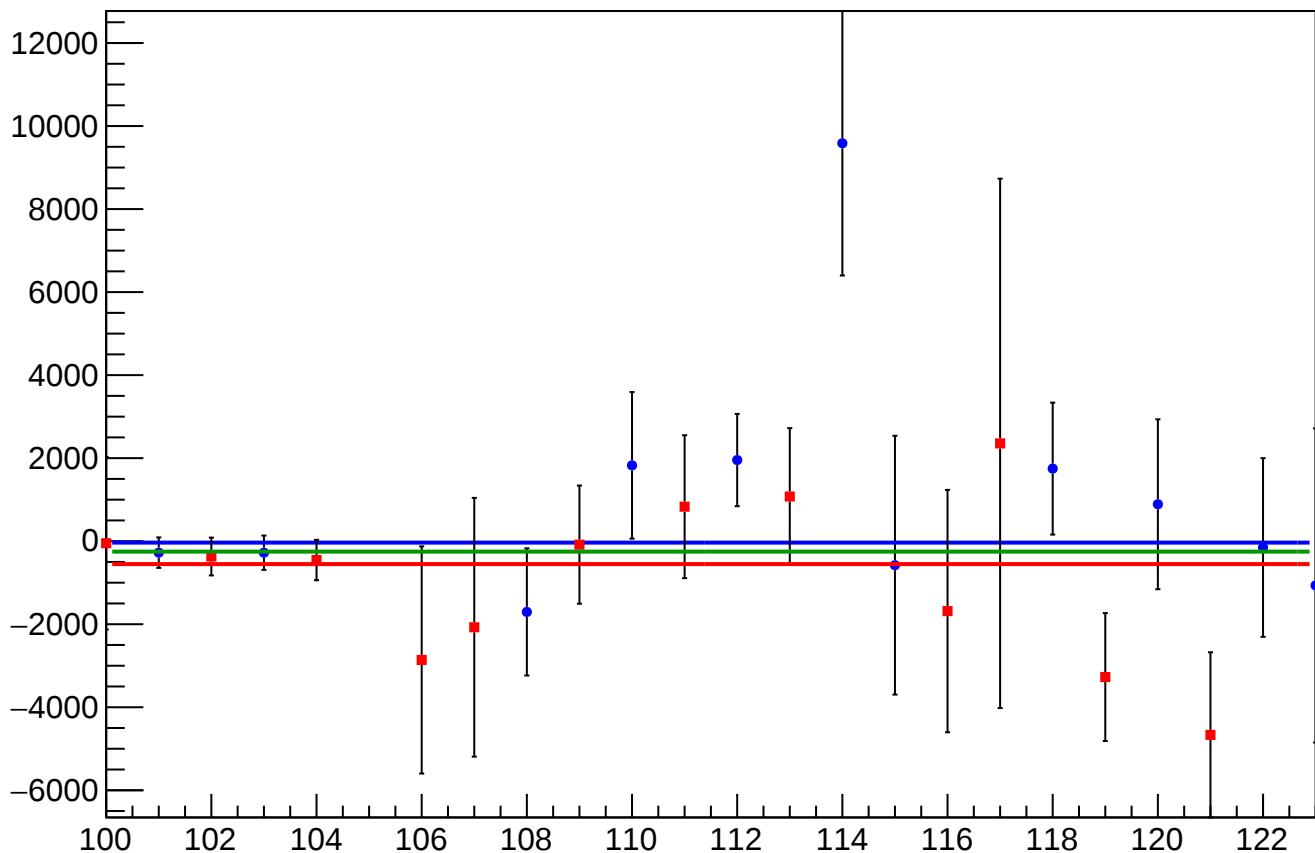
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

315.090 ± 0.116 $\chi^2/\text{NDF}: 227822.8/10$

306.756 ± 0.078 $\chi^2/\text{NDF}: 611579.0/22$

299.923 ± 0.105 $\chi^2/\text{NDF}: 374313.2/11$

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -34.365+/-250.284 χ^2/NDF : 17.0/10

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

Right Out: -552.073+/-294.517 χ^2/NDF : 10.7/11

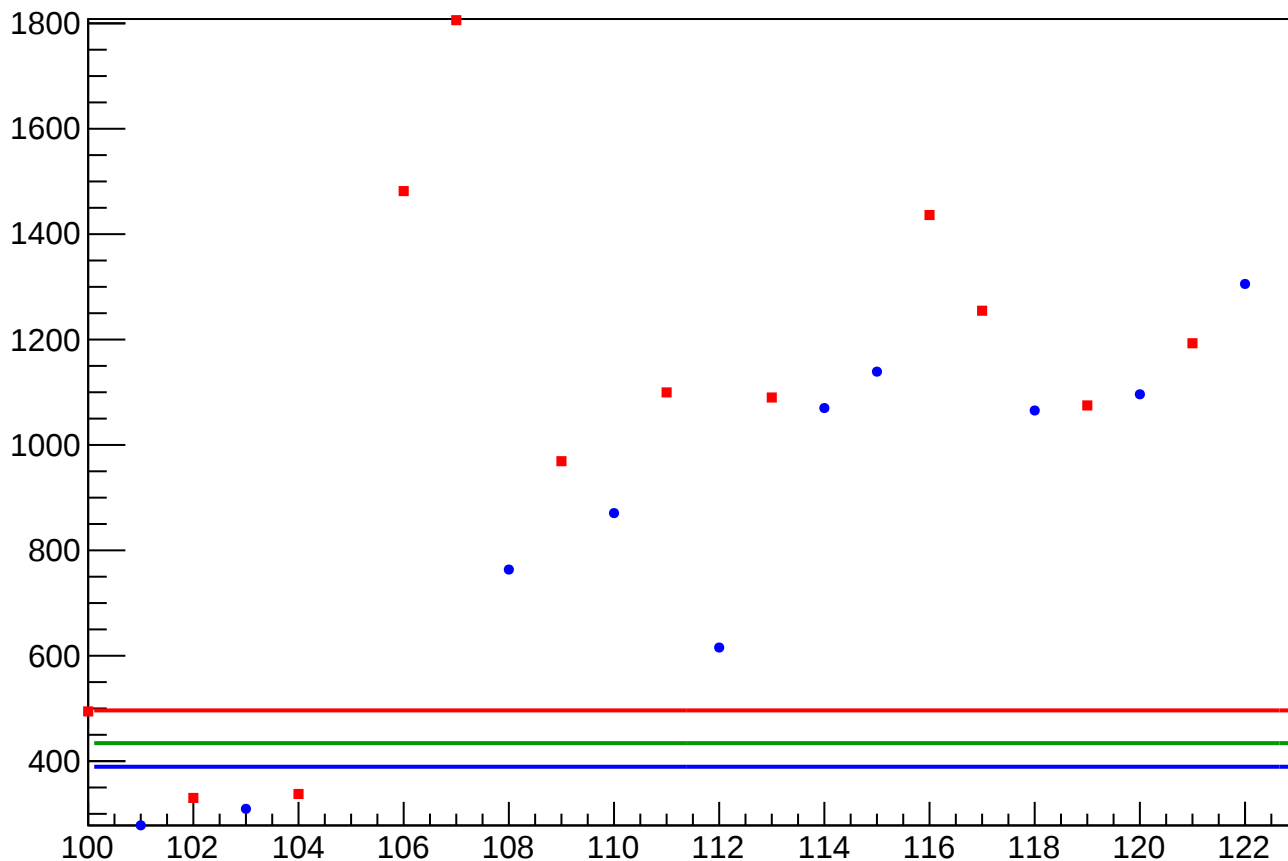
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-34.365+/-250.284 χ^2/NDF : 17.0/10

-251.461+/-190.719 χ^2/NDF : 29.5/22

-552.073+/-294.517 χ^2/NDF : 10.7/11

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 389.374+/-0.177 χ^2/NDF : 1788341.4/10

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

Right Out: 496.291+/-0.208 χ^2/NDF : 2580603.7/11

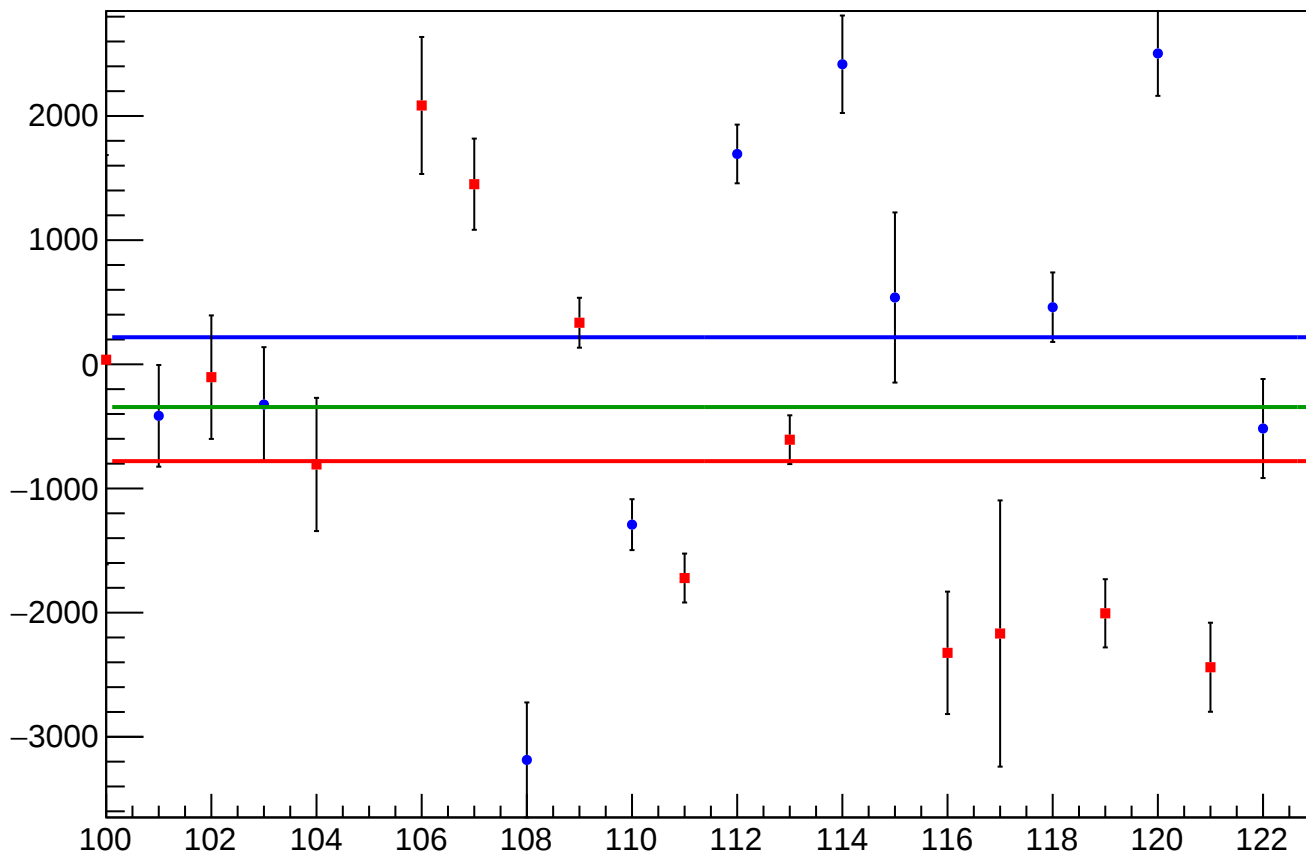
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

389.374+/-0.177 χ^2/NDF : 1788341.4/10

434.209+/-0.135 χ^2/NDF : 4521994.2/22

496.291+/-0.208 χ^2/NDF : 2580603.7/11

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 218.072 $\pm$ 103.260 χ^2 /NDF: 234.8/10

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

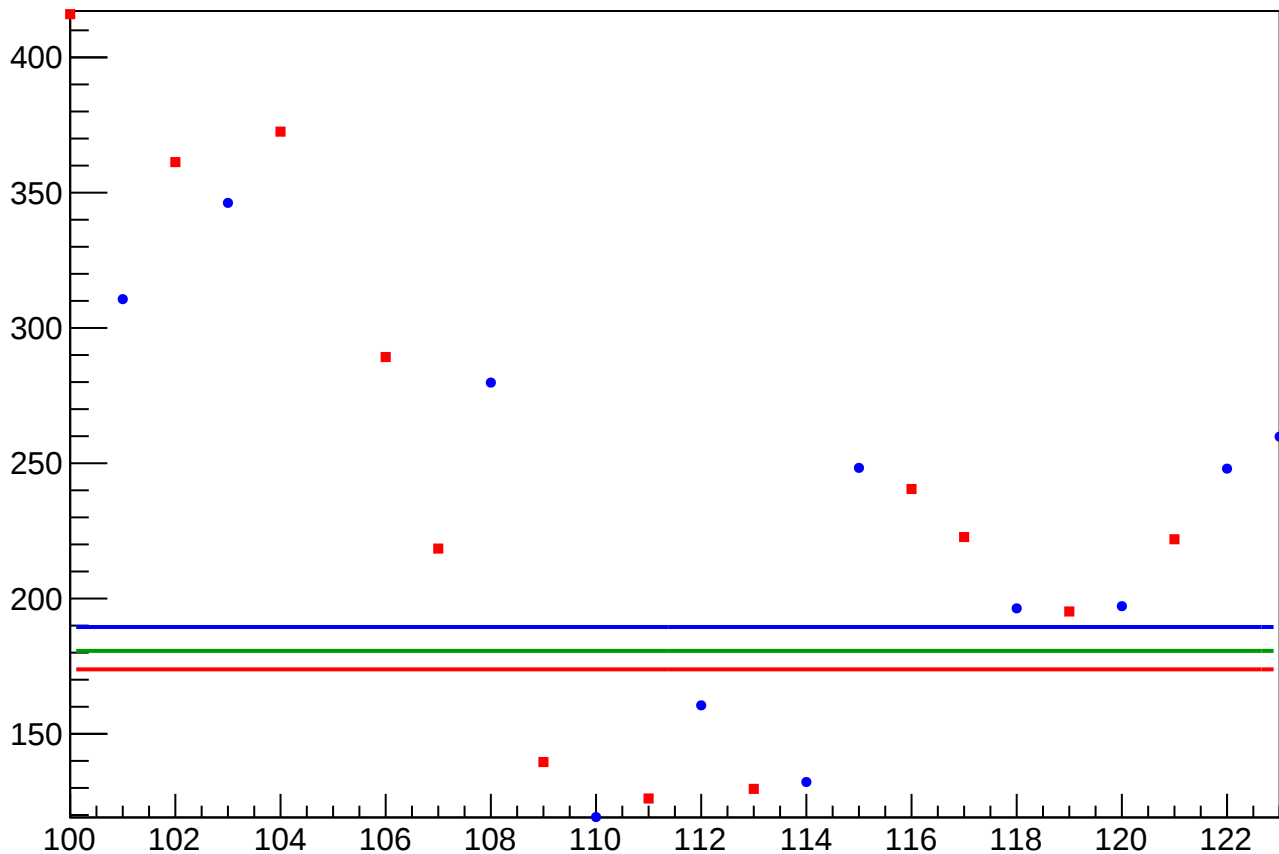
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

218.072 $\pm$ 103.260 χ^2 /NDF: 234.8/10

-344.115 $\pm$ 68.227 χ^2 /NDF: 460.5/22

-779.718 $\pm$ 90.895 χ^2 /NDF: 173.1/11

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 189.479+/-0.073 χ^2/NDF : 853974.7/10

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

Right Out: 173.824+/-0.064 χ^2/NDF : 1084236.6/11

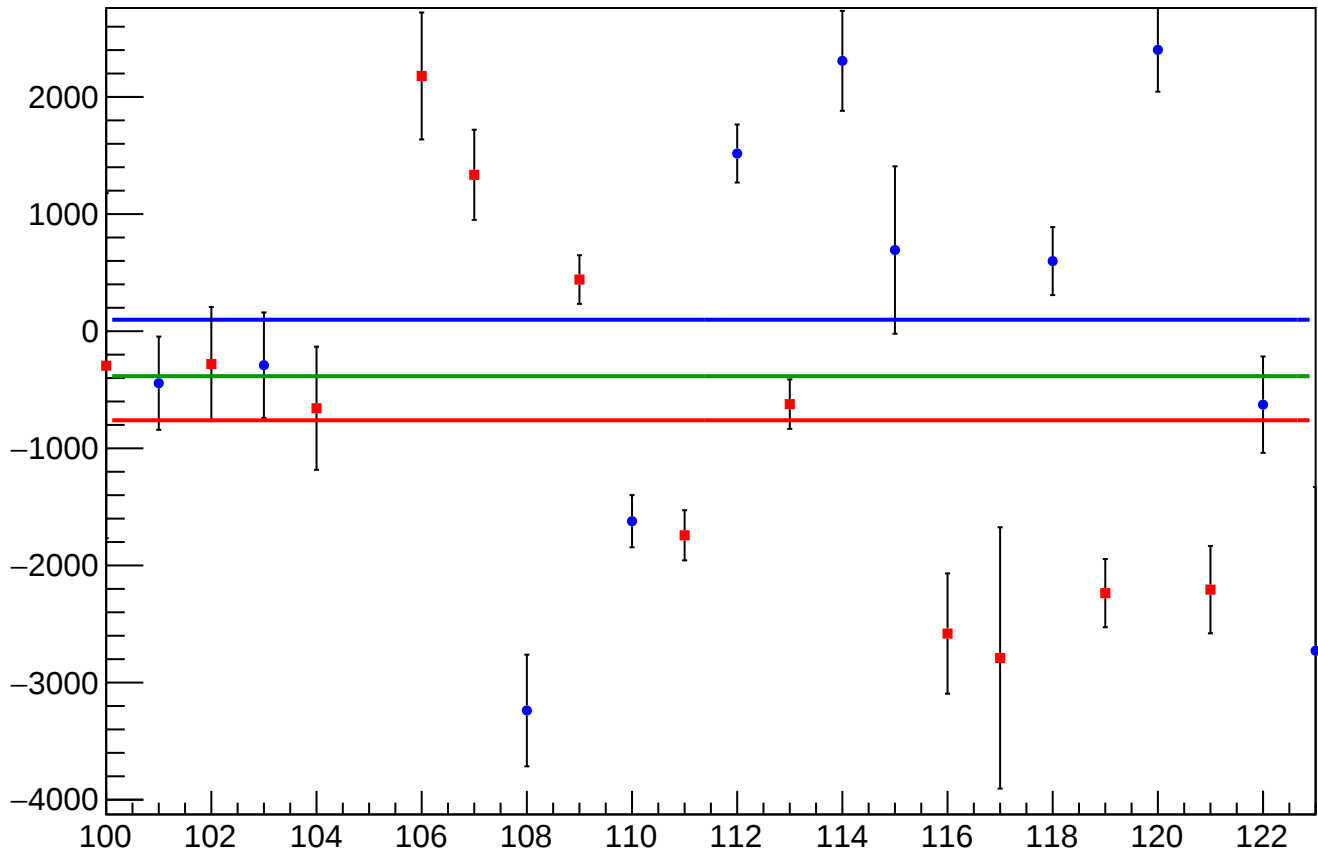
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.479+/-0.073 χ^2/NDF : 853974.7/10

180.659+/-0.048 χ^2/NDF : 1964111.6/22

173.824+/-0.064 χ^2/NDF : 1084236.6/11

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 98.108+/-108.083 χ^2/NDF : 223.2/10

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

Right Out: -760.705+/-95.542 χ^2/NDF : 171.8/11

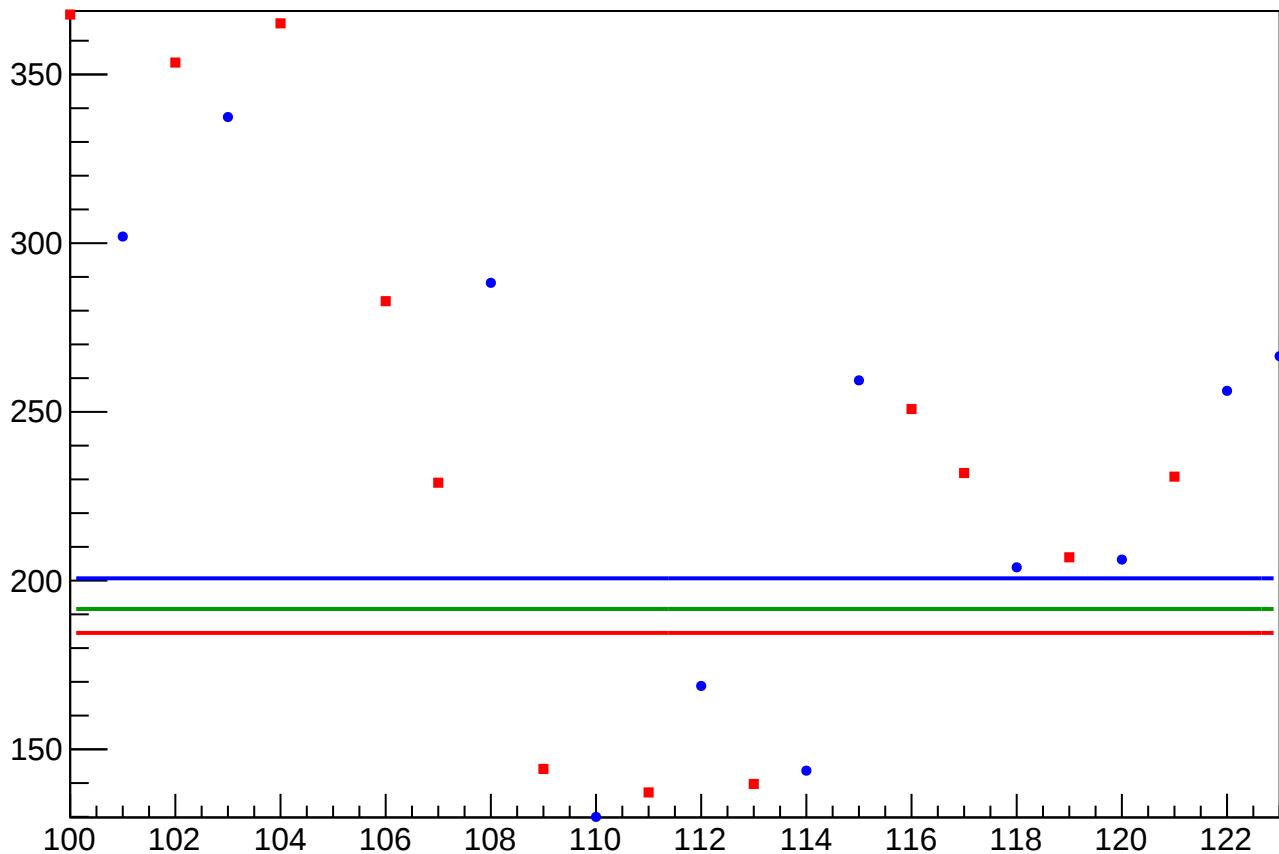
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.108+/-108.083 χ^2/NDF : 223.2/10

-383.991+/-71.584 χ^2/NDF : 430.4/22

-760.705+/-95.542 χ^2/NDF : 171.8/11

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 200.674+/-0.076 χ^2/NDF : 706241.3/10

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

Right Out: 184.500+/-0.068 χ^2/NDF : 943310.1/11

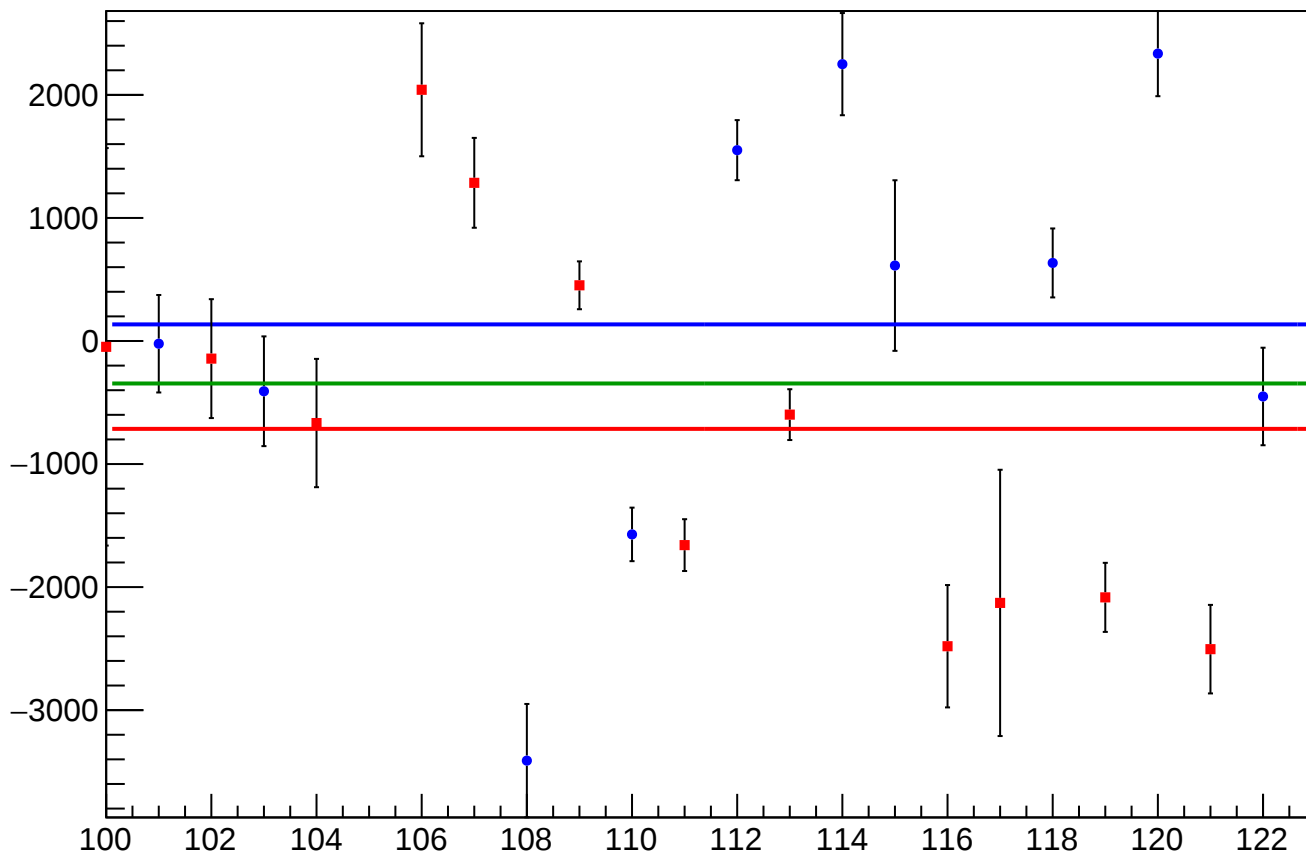
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.674+/-0.076 χ^2/NDF : 706241.3/10

191.595+/-0.051 χ^2/NDF : 1674692.3/22

184.500+/-0.068 χ^2/NDF : 943310.1/11

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 134.961+/-105.466 χ^2/NDF : 232.2/10

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

Right Out: -714.135+/-92.433 χ^2/NDF : 176.9/11

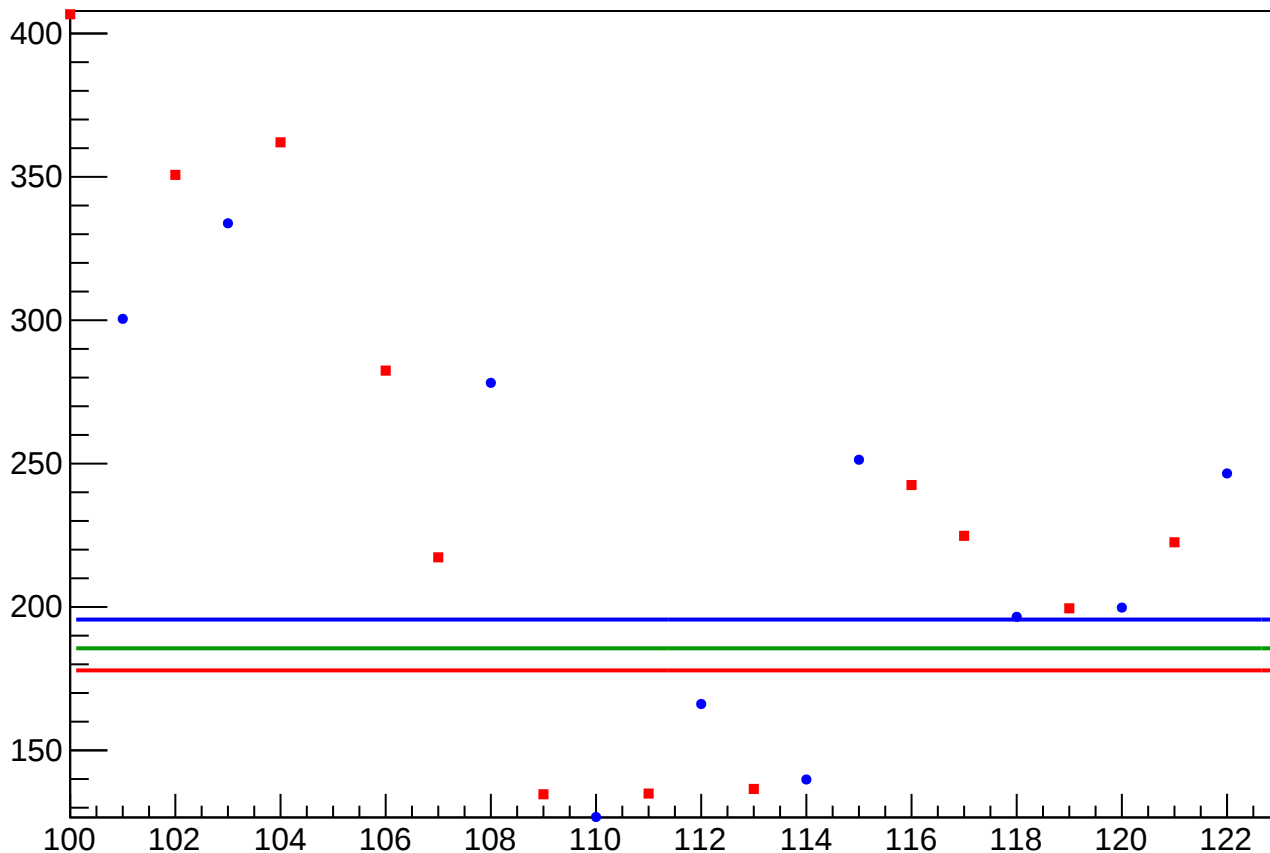
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.961+/-105.466 χ^2/NDF : 232.2/10

-345.265+/-69.514 χ^2/NDF : 445.8/22

-714.135+/-92.433 χ^2/NDF : 176.9/11

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 195.615+/-0.075 χ^2/NDF : 712431.9/10

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

Right Out: 177.882+/-0.065 χ^2/NDF : 986136.6/11

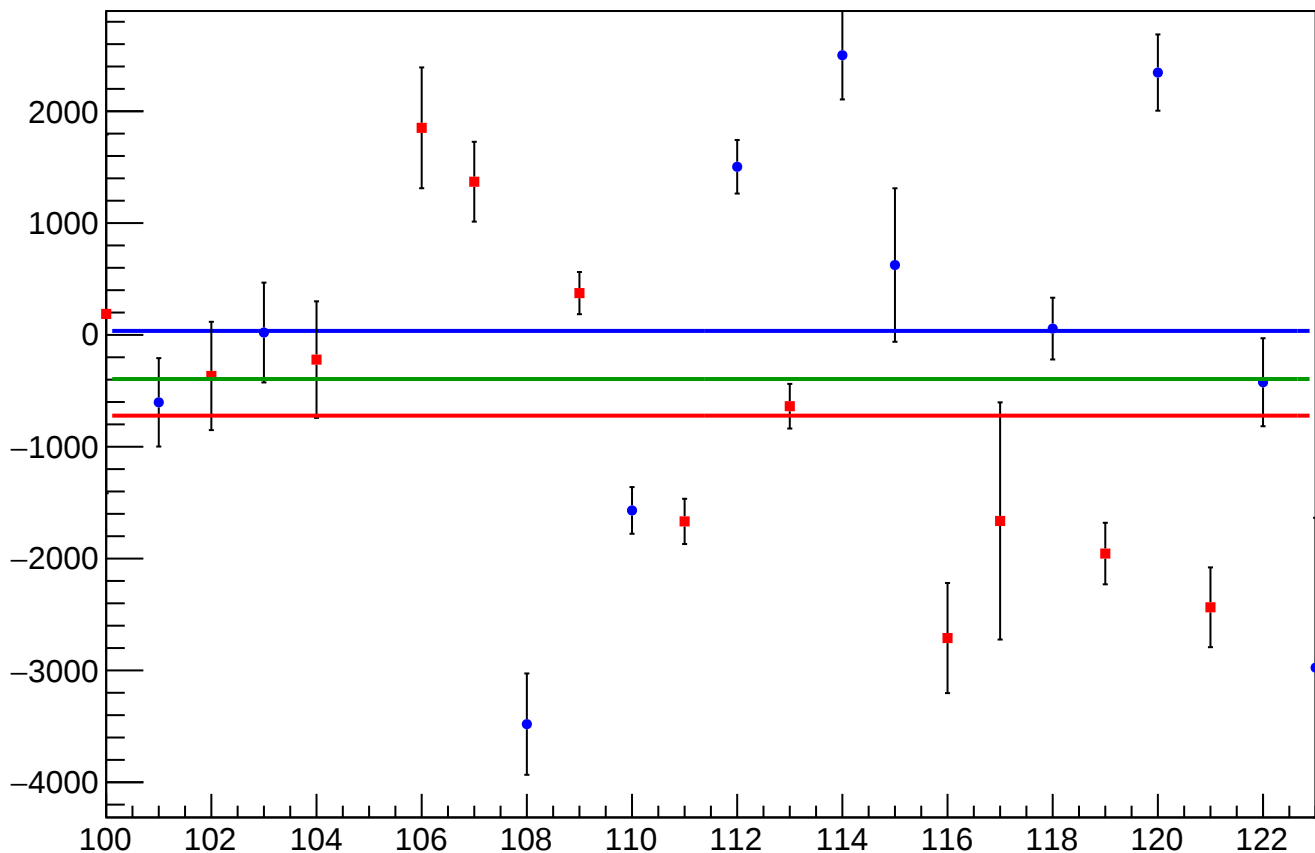
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.615+/-0.075 χ^2/NDF : 712431.9/10

185.586+/-0.049 χ^2/NDF : 1730548.0/22

177.882+/-0.065 χ^2/NDF : 986136.6/11

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 35.836+/-103.189 χ^2 /NDF: 251.4/10

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

Right Out: -721.903+/-90.046 χ^2 /NDF: 174.9/11

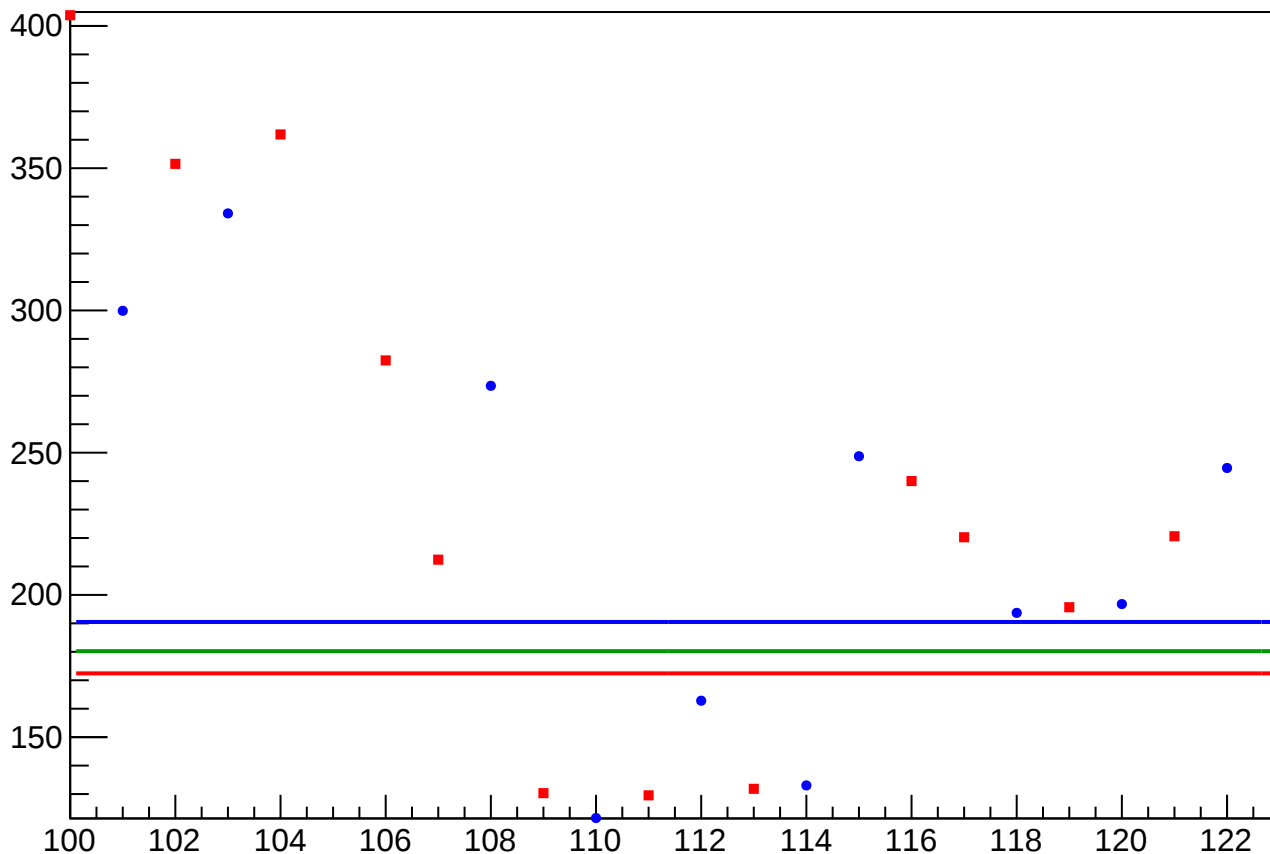
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

35.836+/-103.189 χ^2 /NDF: 251.4/10

-394.337+/-67.846 χ^2 /NDF: 456.9/22

-721.903+/-90.046 χ^2 /NDF: 174.9/11

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 190.491+/-0.073 χ^2/NDF : 772168.9/10

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

Right Out: 172.422+/-0.064 χ^2/NDF : 1052462.8/11

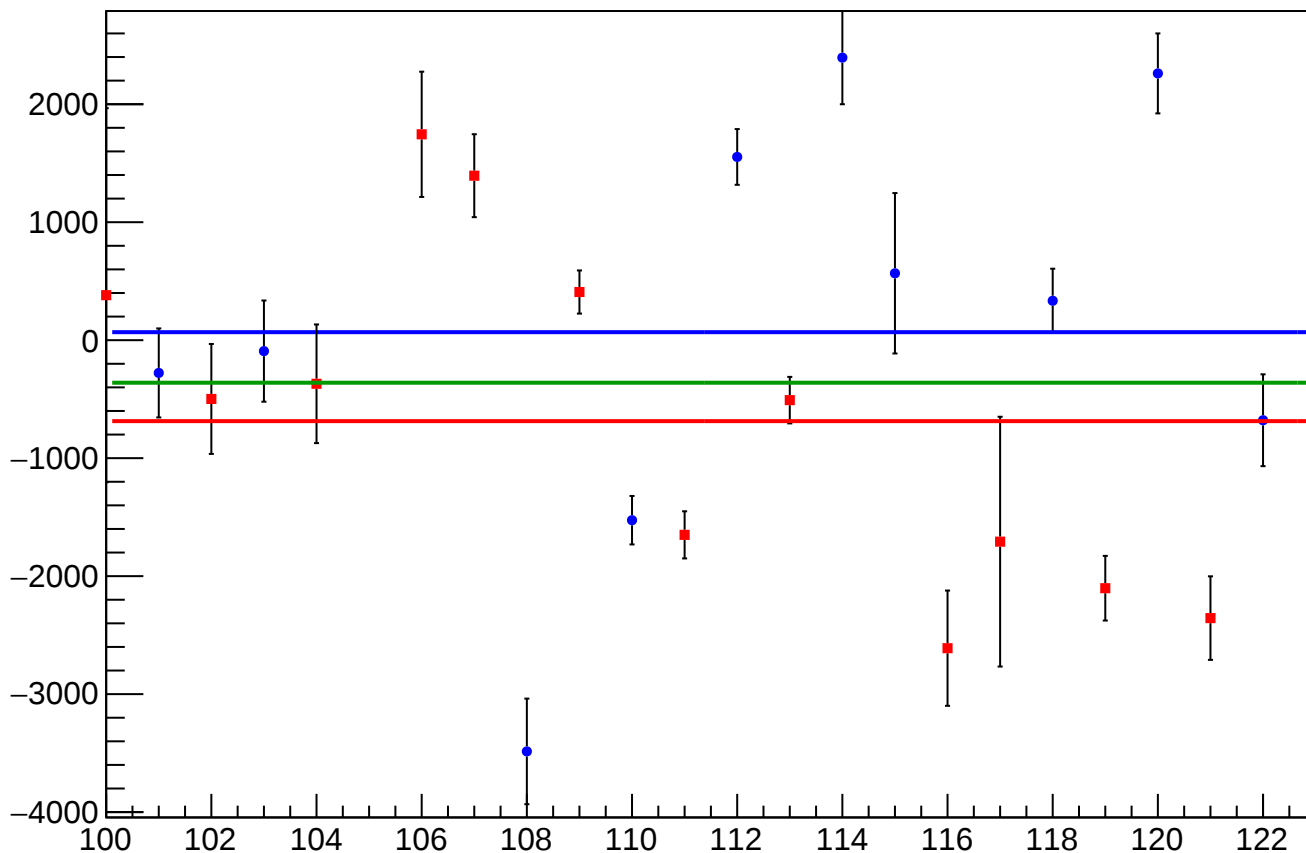
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.491+/-0.073 χ^2/NDF : 772168.9/10

180.233+/-0.048 χ^2/NDF : 1859445.4/22

172.422+/-0.064 χ^2/NDF : 1052462.8/11

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 67.897+/-101.509 χ^2/NDF : 249.9/10

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

Right Out: -686.115+/-88.509 χ^2/NDF : 182.3/11

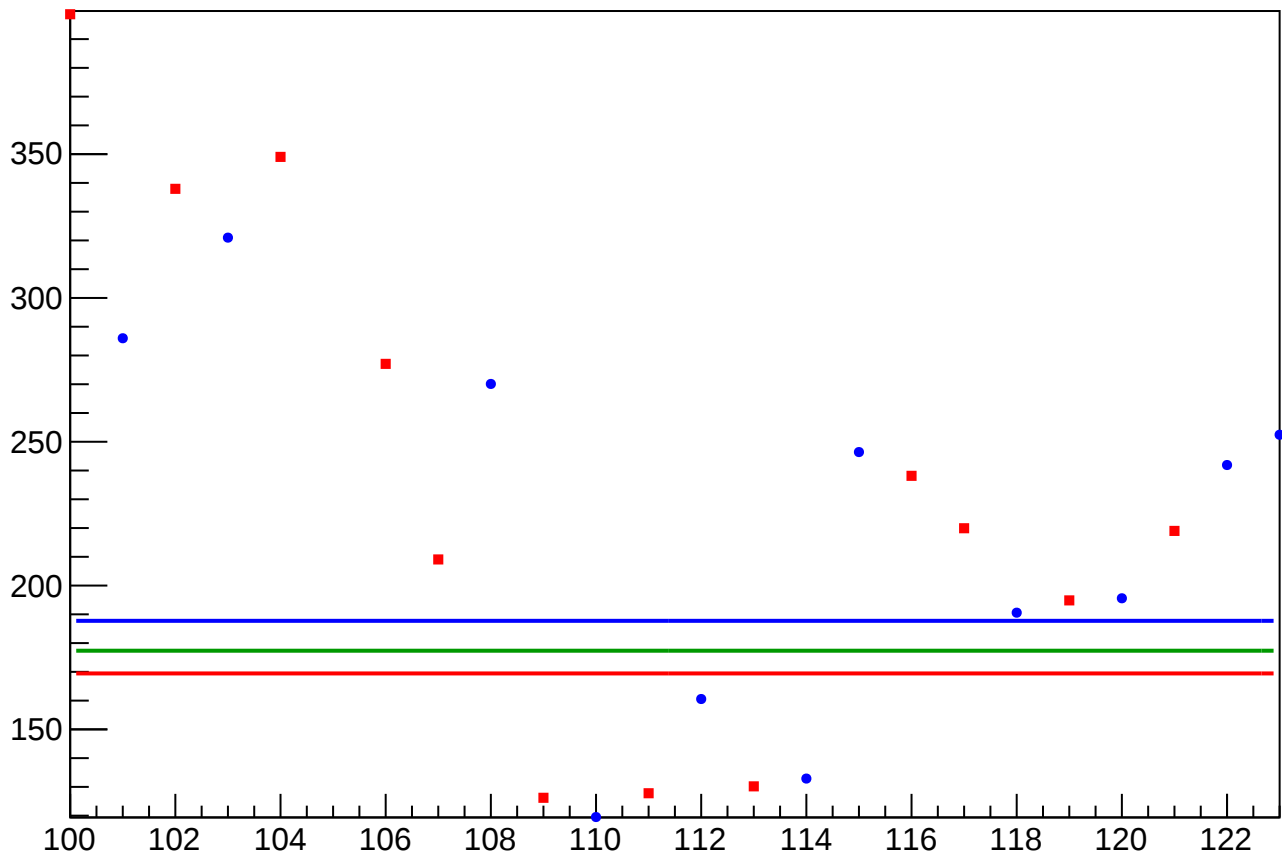
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.897+/-101.509 χ^2/NDF : 249.9/10

-360.457+/-66.711 χ^2/NDF : 463.5/22

-686.115+/-88.509 χ^2/NDF : 182.3/11

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 187.740+/-0.072 χ^2/NDF : 741556.9/10

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

Right Out: 169.449+/-0.063 χ^2/NDF : 1044461.3/11

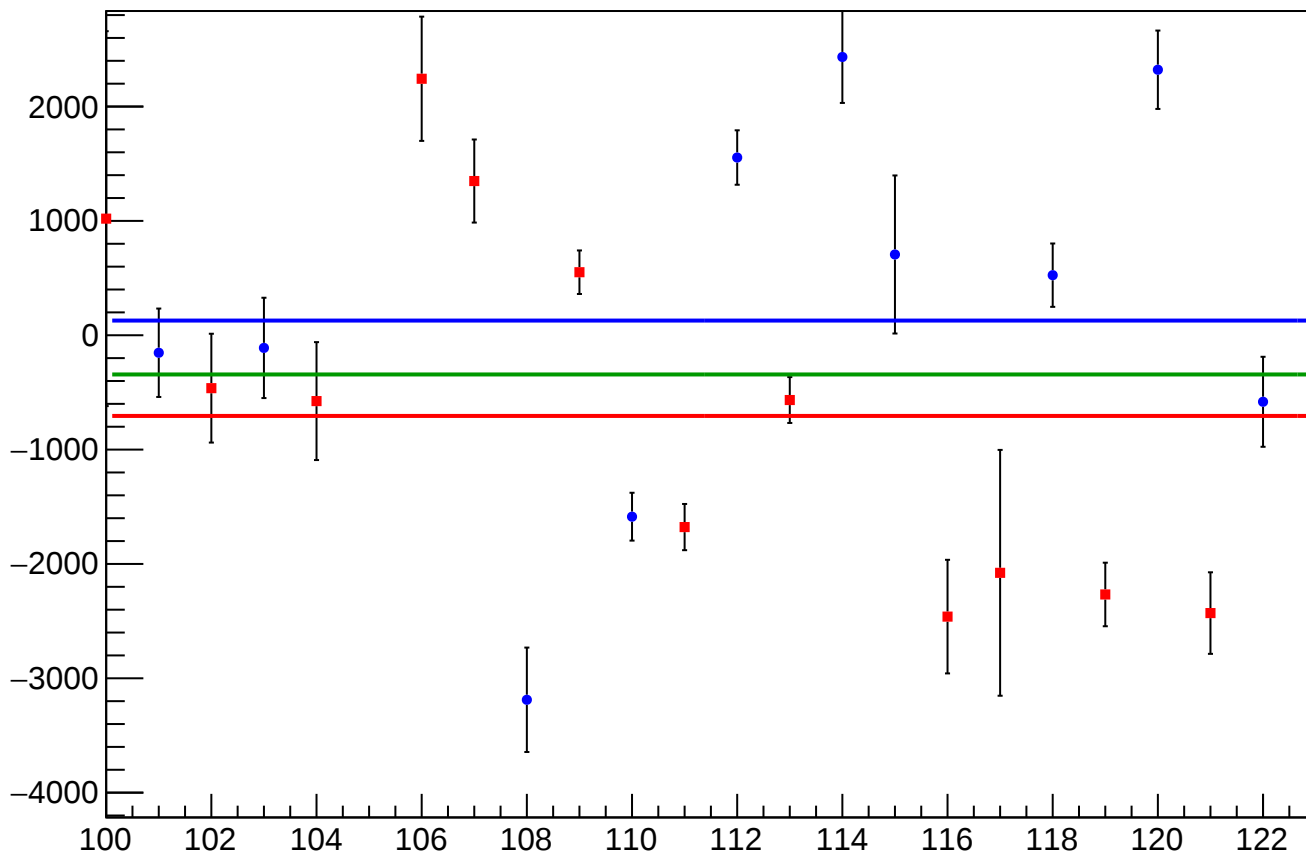
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

187.740+/-0.072 χ^2/NDF : 741556.9/10

177.349+/-0.047 χ^2/NDF : 1822907.6/22

169.449+/-0.063 χ^2/NDF : 1044461.3/11

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 128.416+/-103.129 χ^2/NDF : 241.6/10

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

Right Out: -705.571+/-90.467 χ^2/NDF : 199.1/11

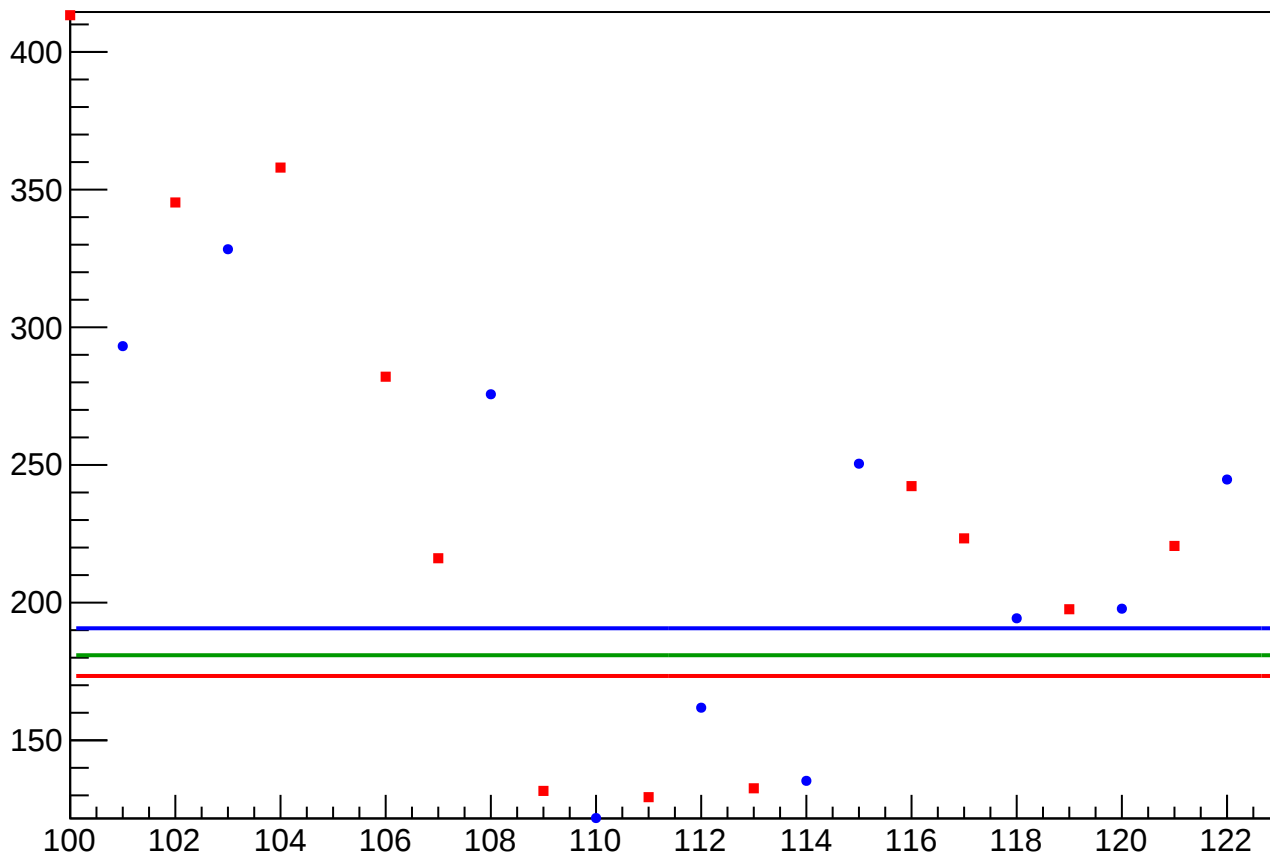
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.416+/-103.129 χ^2/NDF : 241.6/10

-342.890+/-68.008 χ^2/NDF : 477.7/22

-705.571+/-90.467 χ^2/NDF : 199.1/11

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 190.686+/-0.073 χ^2/NDF : 749774.7/10

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

Right Out: 173.362+/-0.064 χ^2/NDF : 1035206.7/11

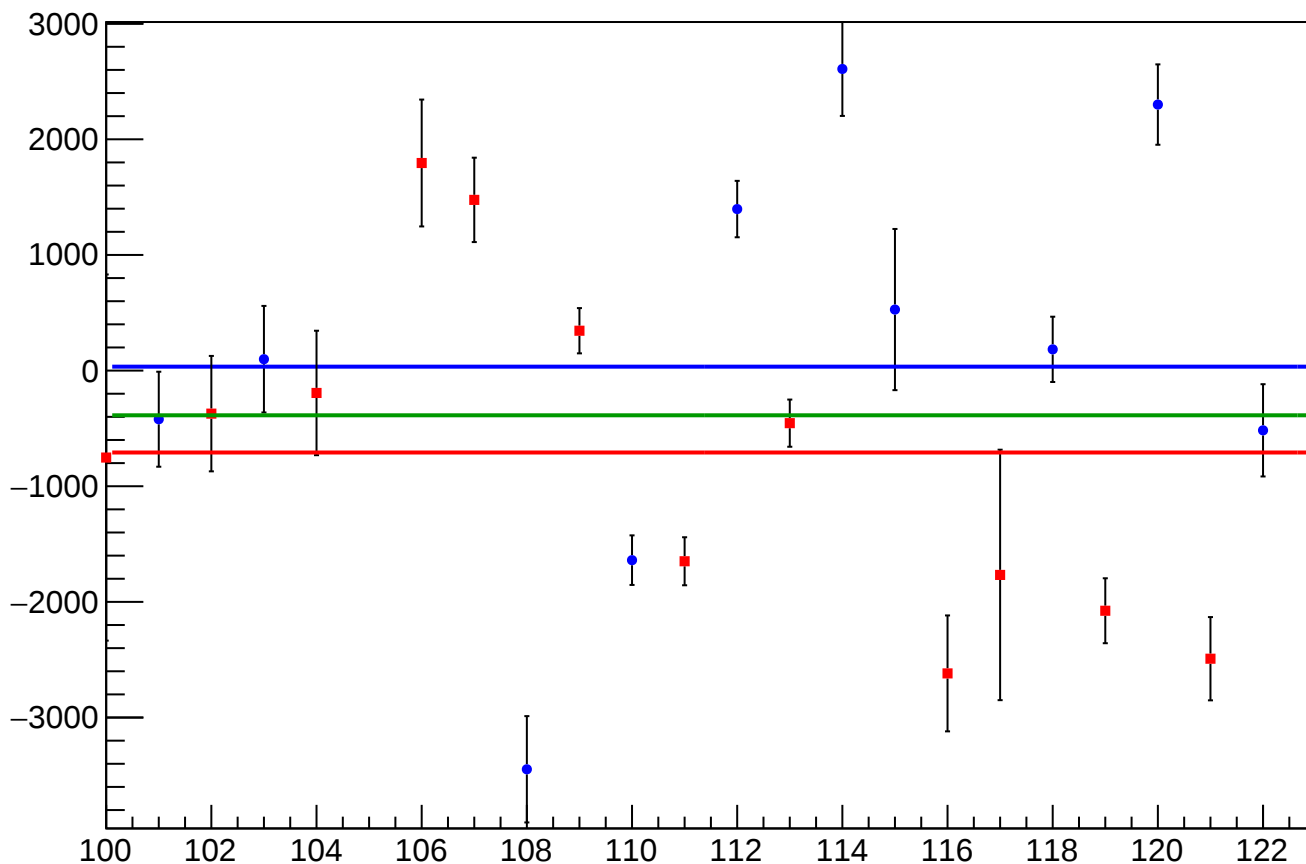
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.686+/-0.073 χ^2/NDF : 749774.7/10

180.896+/-0.048 χ^2/NDF : 1816873.8/22

173.362+/-0.064 χ^2/NDF : 1035206.7/11

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 34.048+/-105.574 χ^2/NDF : 239.9/10

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

Right Out: -708.259+/-92.340 χ^2/NDF : 172.8/11

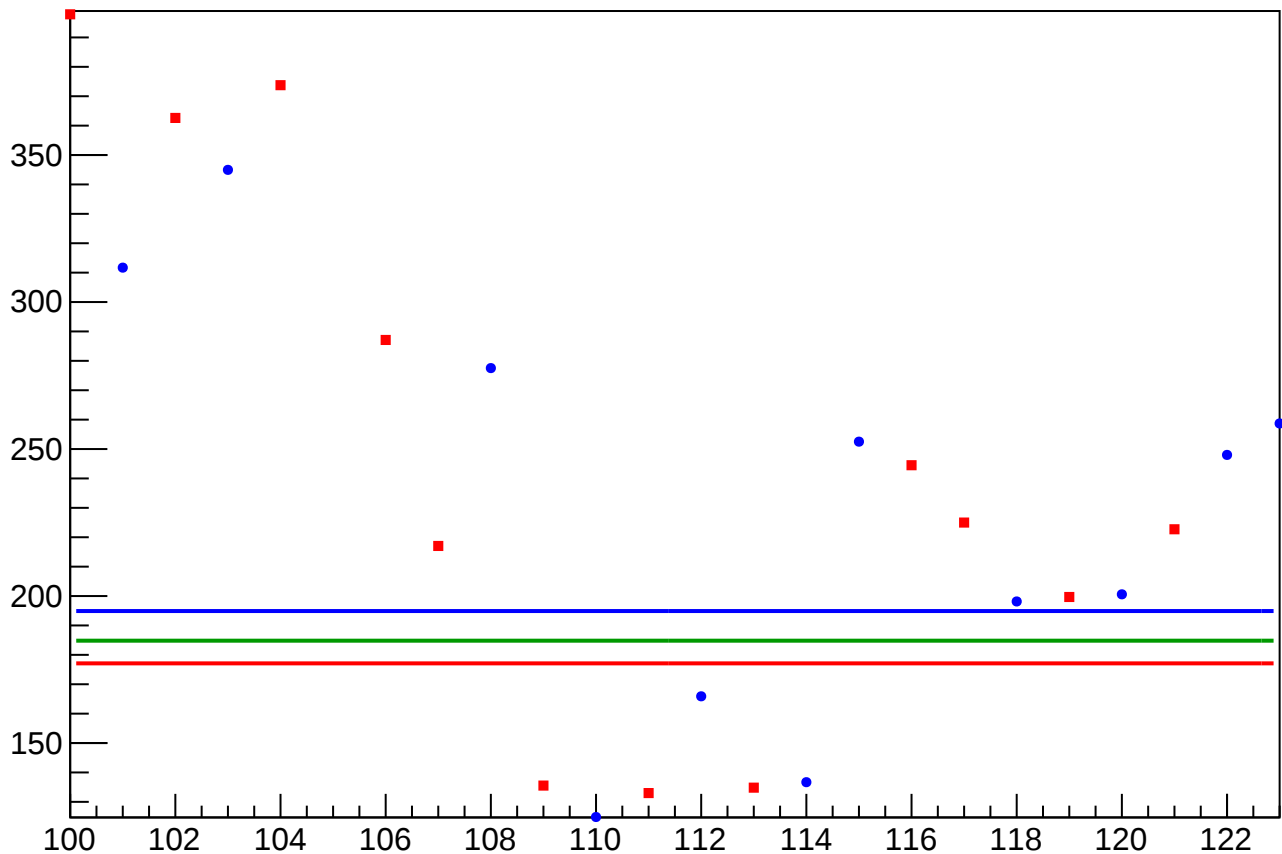
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.048+/-105.574 χ^2/NDF : 239.9/10

-386.519+/-69.505 χ^2/NDF : 440.8/22

-708.259+/-92.340 χ^2/NDF : 172.8/11

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 194.900+/-0.075 χ^2/NDF : 775911.1/10

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

Right Out: 177.103+/-0.065 χ^2/NDF : 1038298.2/11

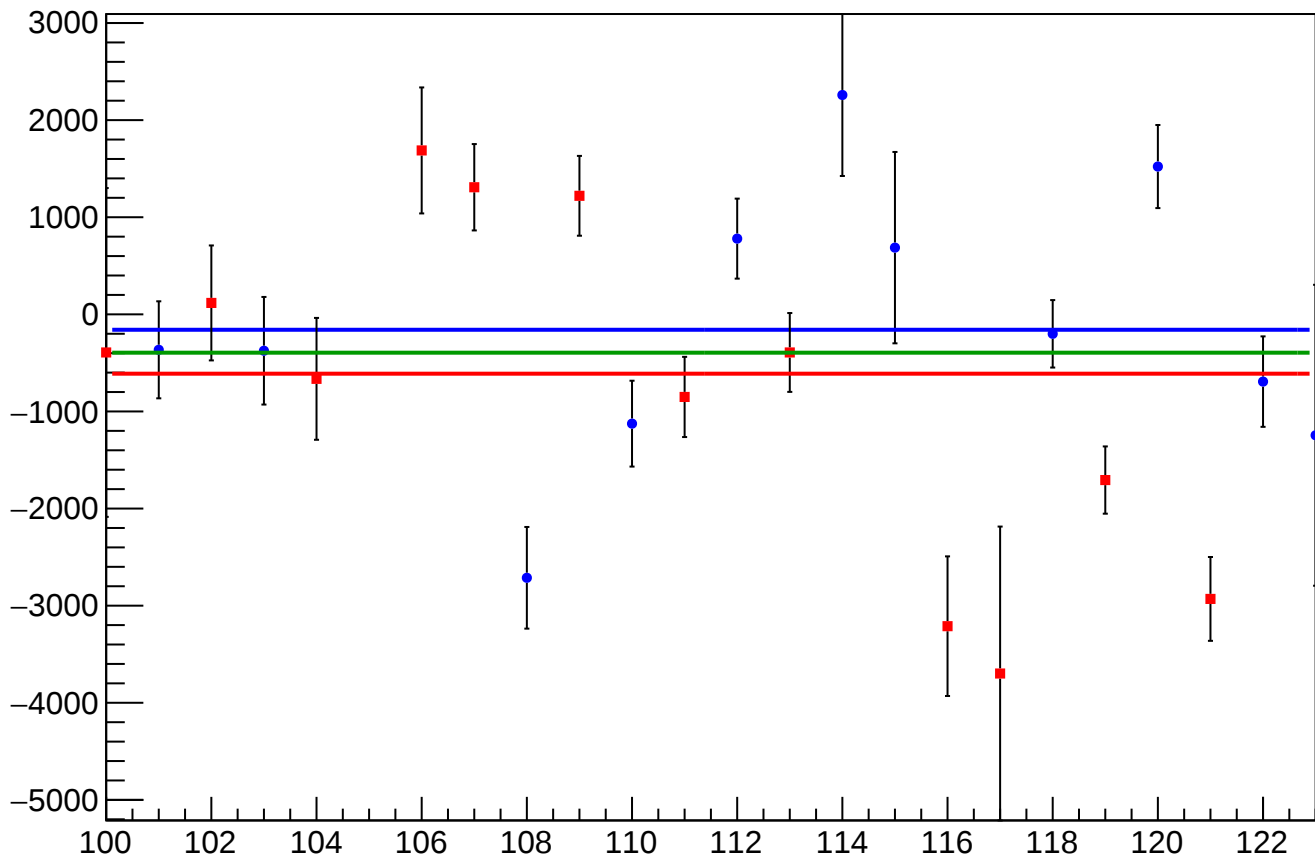
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.900+/-0.075 χ^2/NDF : 775911.1/10

184.817+/-0.049 χ^2/NDF : 1846407.8/22

177.103+/-0.065 χ^2/NDF : 1038298.2/11

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -158.828+/-152.200 χ^2 /NDF: 60.5/10

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

Right Out: -611.132+/-145.706 χ^2 /NDF: 109.3/11

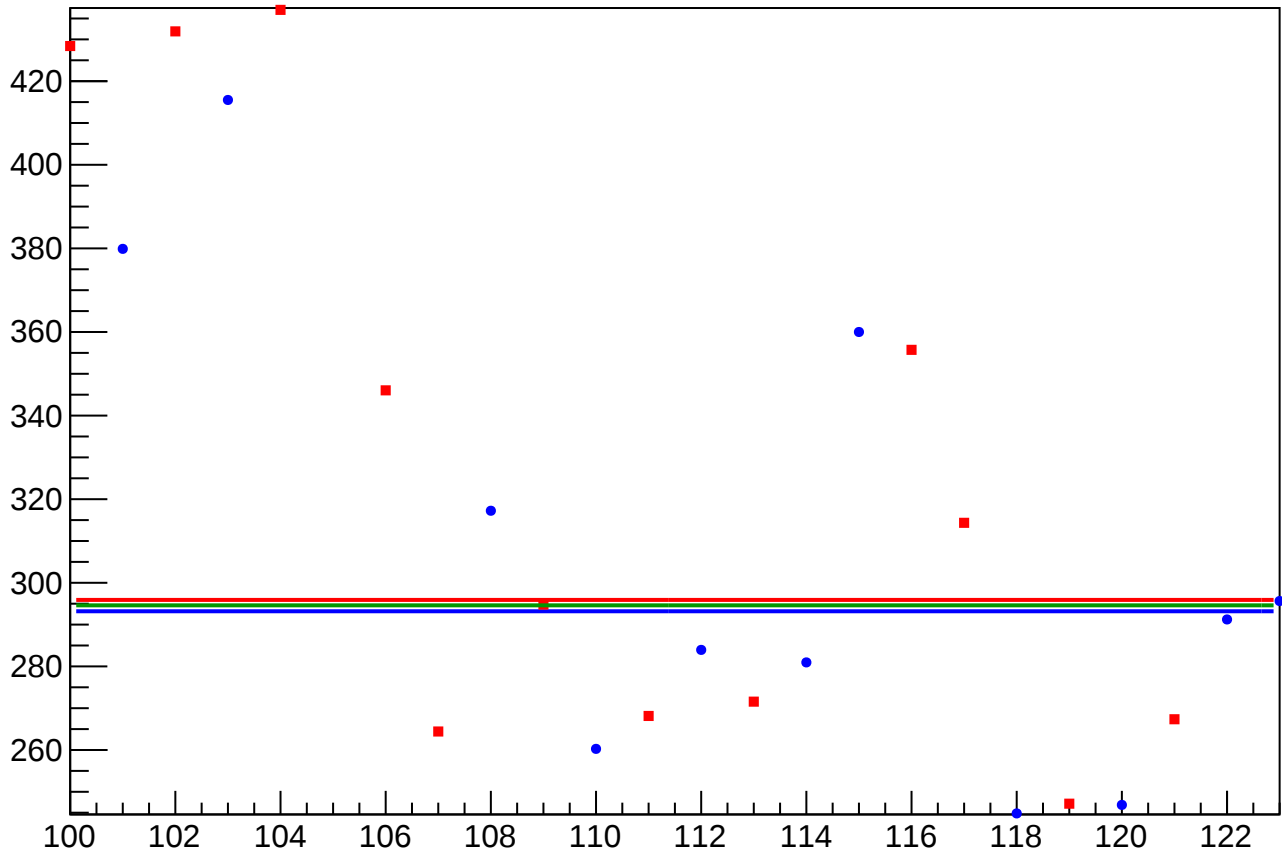
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-158.828+/-152.200 χ^2 /NDF: 60.5/10

-394.835+/-105.251 χ^2 /NDF: 174.4/22

-611.132+/-145.706 χ^2 /NDF: 109.3/11

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 293.188+/-0.108 χ^2/NDF : 245922.6/10

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

Right Out: 295.906+/-0.103 χ^2/NDF : 319808.6/11

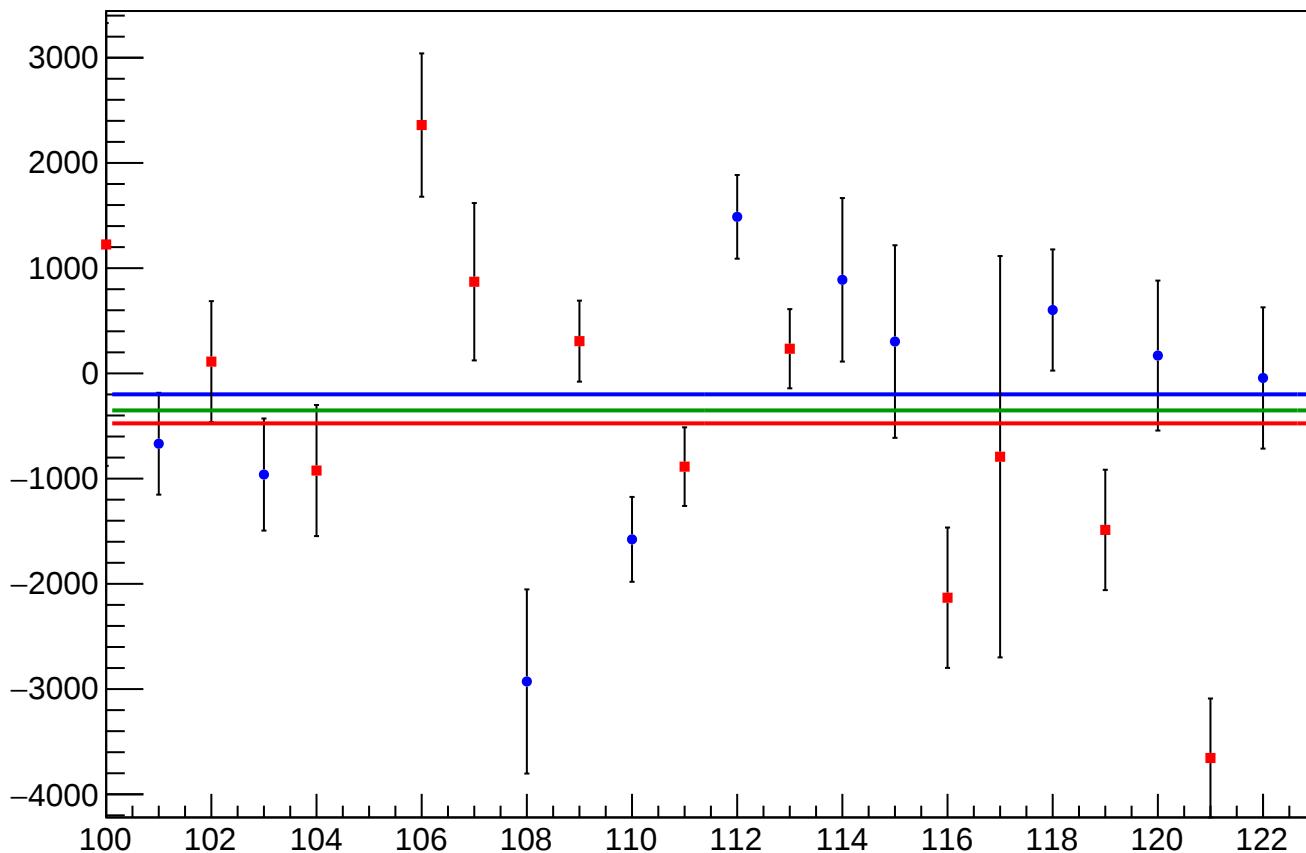
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

293.188+/-0.108 χ^2/NDF : 245922.6/10

294.606+/-0.074 χ^2/NDF : 566063.9/22

295.906+/-0.103 χ^2/NDF : 319808.6/11

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -199.077+/-177.388 χ^2/NDF : 47.1/10

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

Right Out: -474.870+/-159.200 χ^2/NDF : 72.7/11

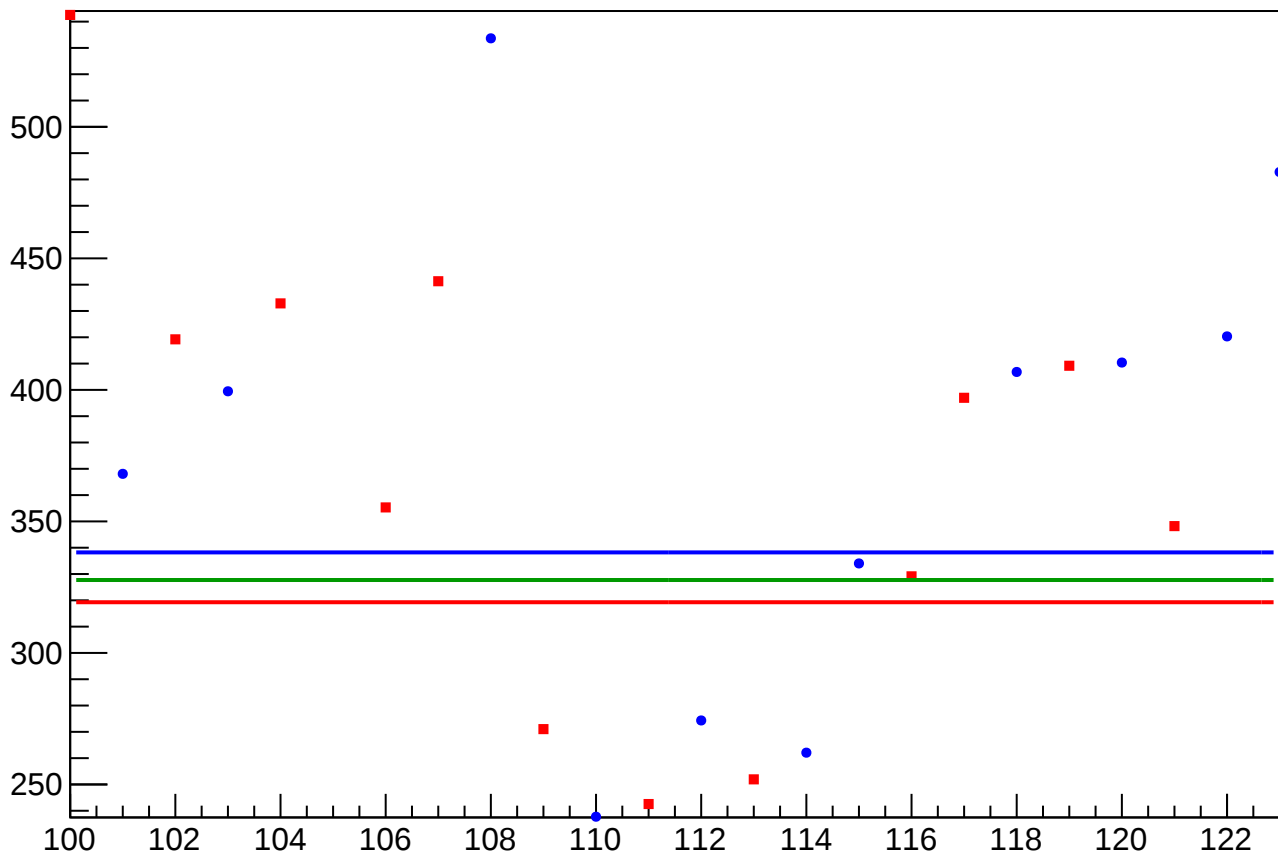
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-199.077+/-177.388 χ^2/NDF : 47.1/10

-351.833+/-118.481 χ^2/NDF : 121.1/22

-474.870+/-159.200 χ^2/NDF : 72.7/11

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 338.218 ± 0.125 χ^2/NDF : 414156.5/10

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

Right Out: 319.273 ± 0.113 χ^2/NDF : 446507.0/11

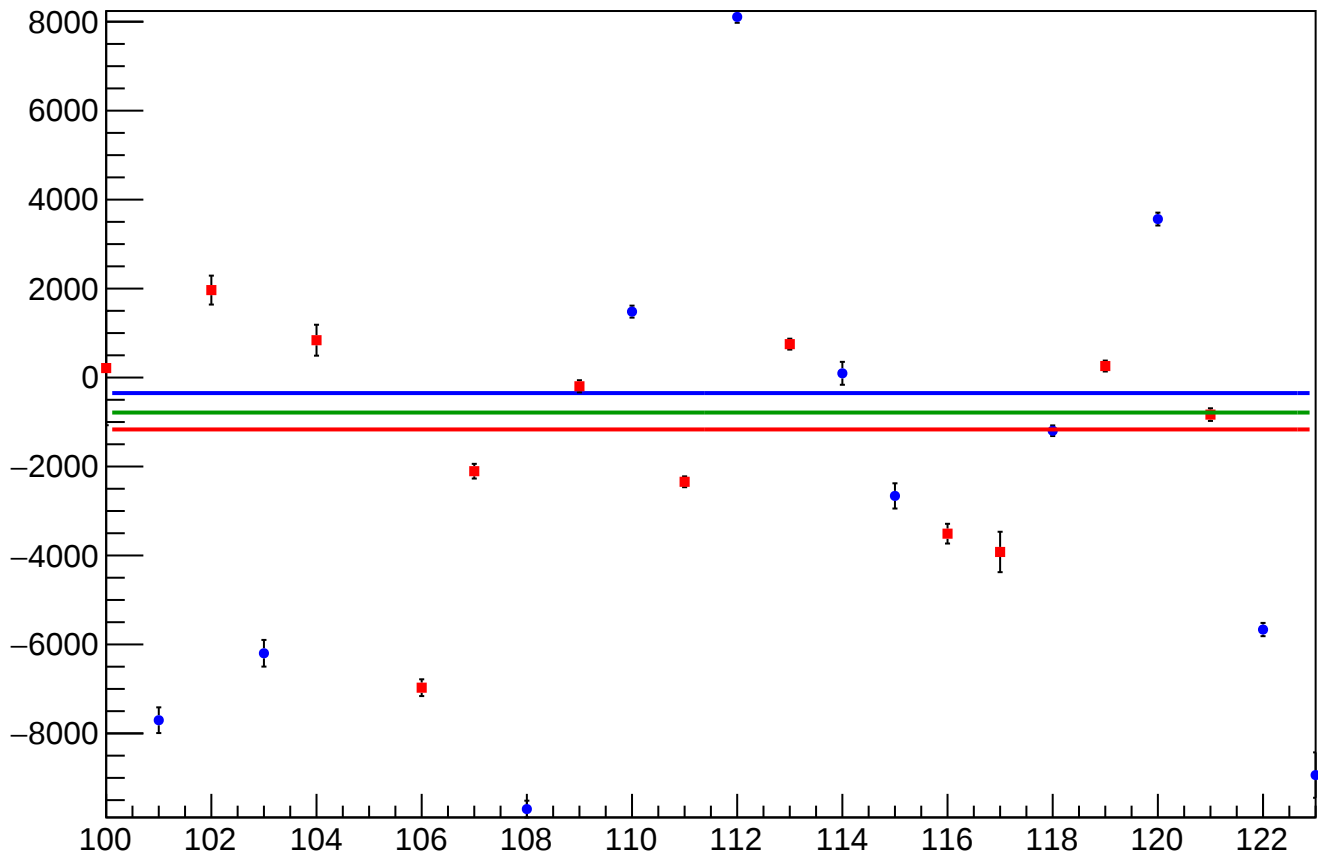
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

338.218 ± 0.125 χ^2/NDF : 414156.5/10

327.725 ± 0.084 χ^2/NDF : 873298.2/22

319.273 ± 0.113 χ^2/NDF : 446507.0/11

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -349.246+/-52.887 χ^2/NDF : 10153.8/10

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

Right Out: -1166.658+/-49.284 χ^2/NDF : 1783.2/11

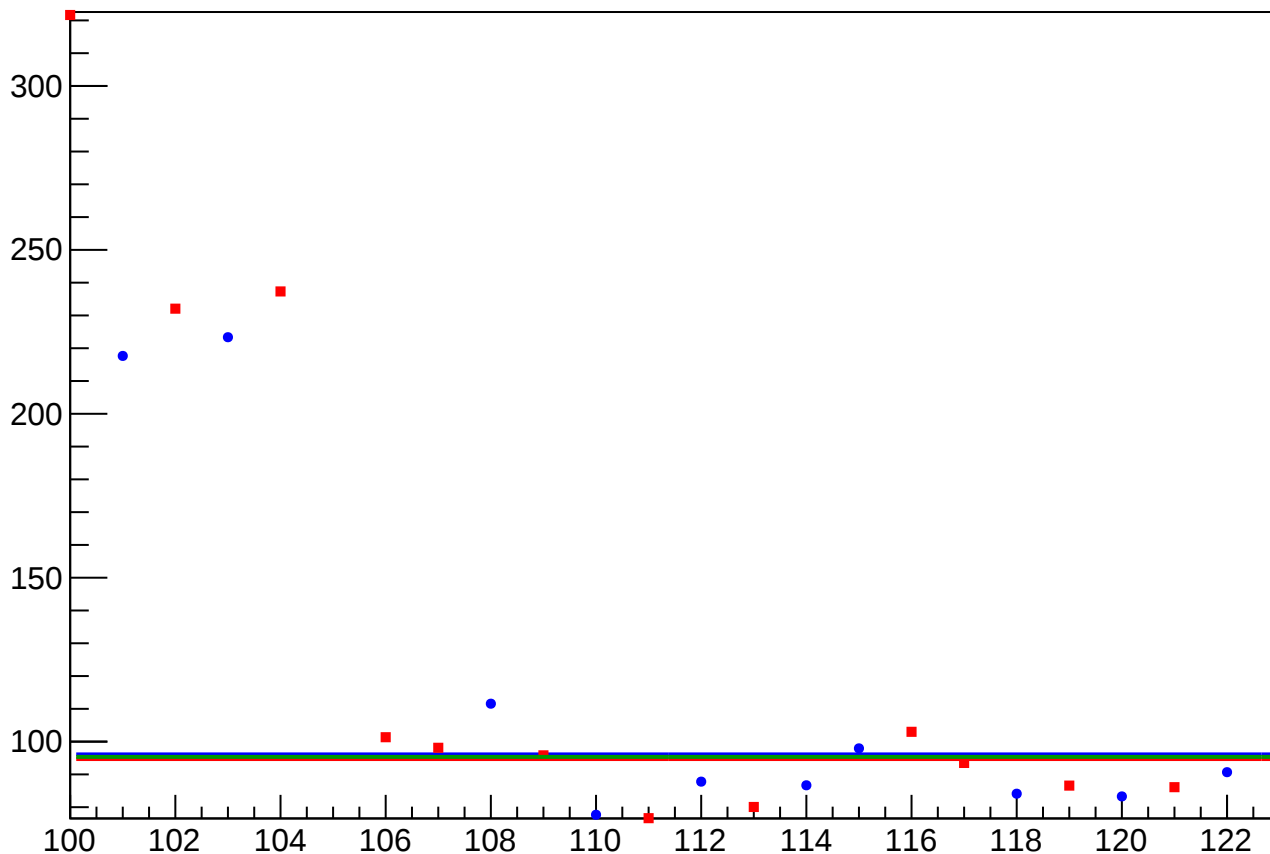
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-349.246+/-52.887 χ^2/NDF : 10153.8/10

-786.741+/-36.056 χ^2/NDF : 12064.8/22

-1166.658+/-49.284 χ^2/NDF : 1783.2/11

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.096+/-0.037 χ^2/NDF : 813990.5/10

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

Right Out: 94.688+/-0.035 χ^2/NDF : 850422.9/11

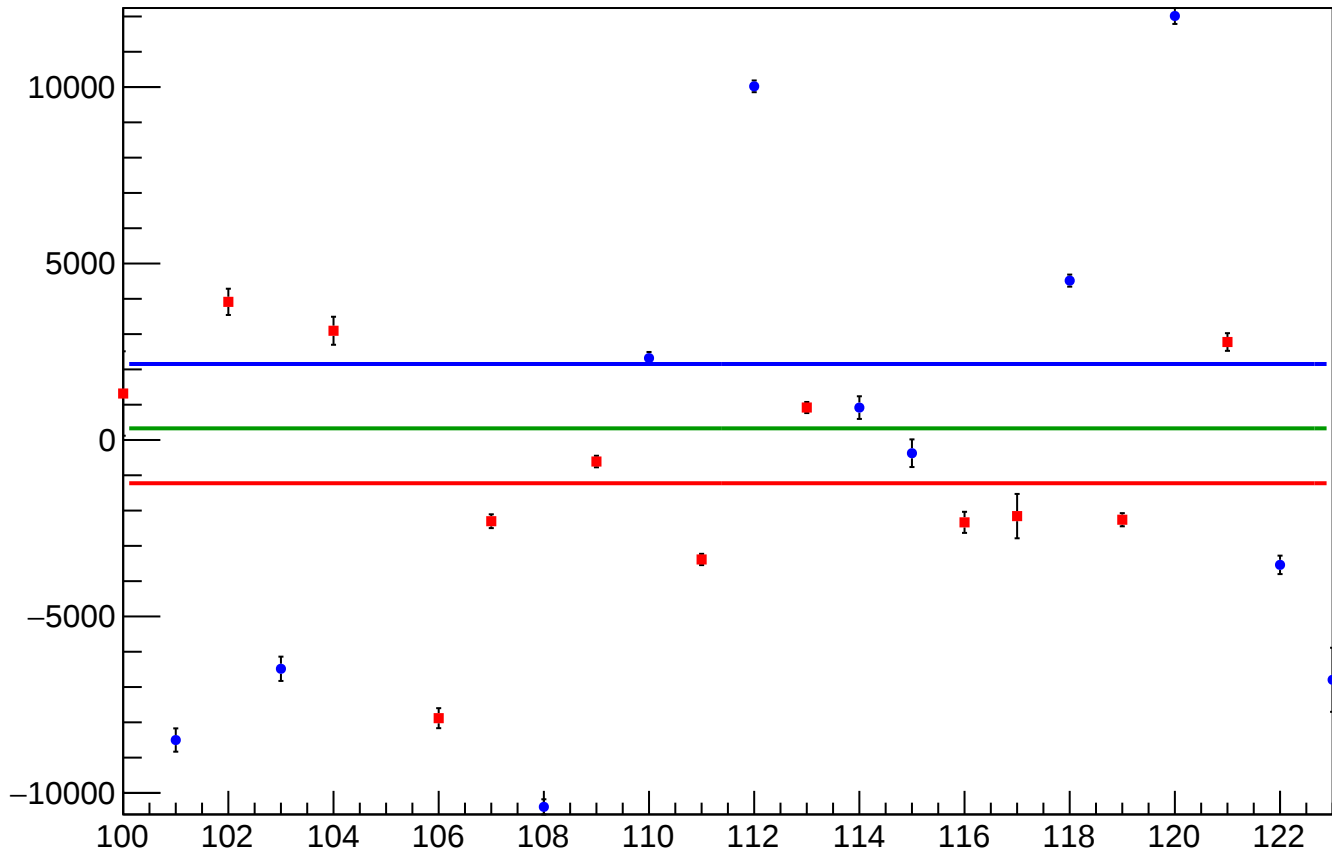
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.096+/-0.037 χ^2/NDF : 813990.5/10

95.343+/-0.025 χ^2/NDF : 1665172.2/22

94.688+/-0.035 χ^2/NDF : 850422.9/11

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2153.304+/-71.706 χ^2/NDF : 10031.0/10

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

Right Out: -1225.475+/-66.226 χ^2/NDF : 1580.4/11

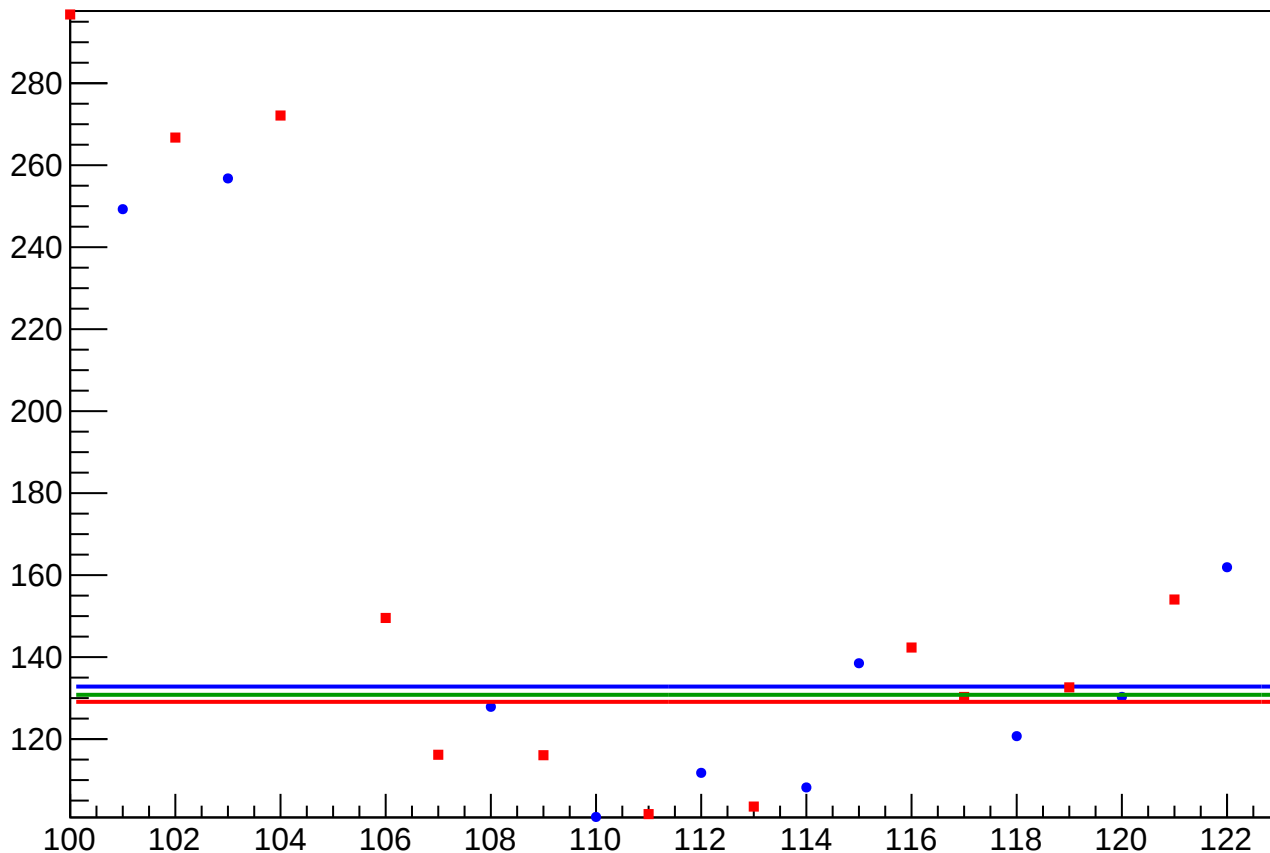
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2153.304+/-71.706 χ^2/NDF : 10031.0/10

329.867+/-48.651 χ^2/NDF : 12809.7/22

-1225.475+/-66.226 χ^2/NDF : 1580.4/11

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 132.814 $\pm$ 0.051 χ^2 /NDF: 659113.9/10

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

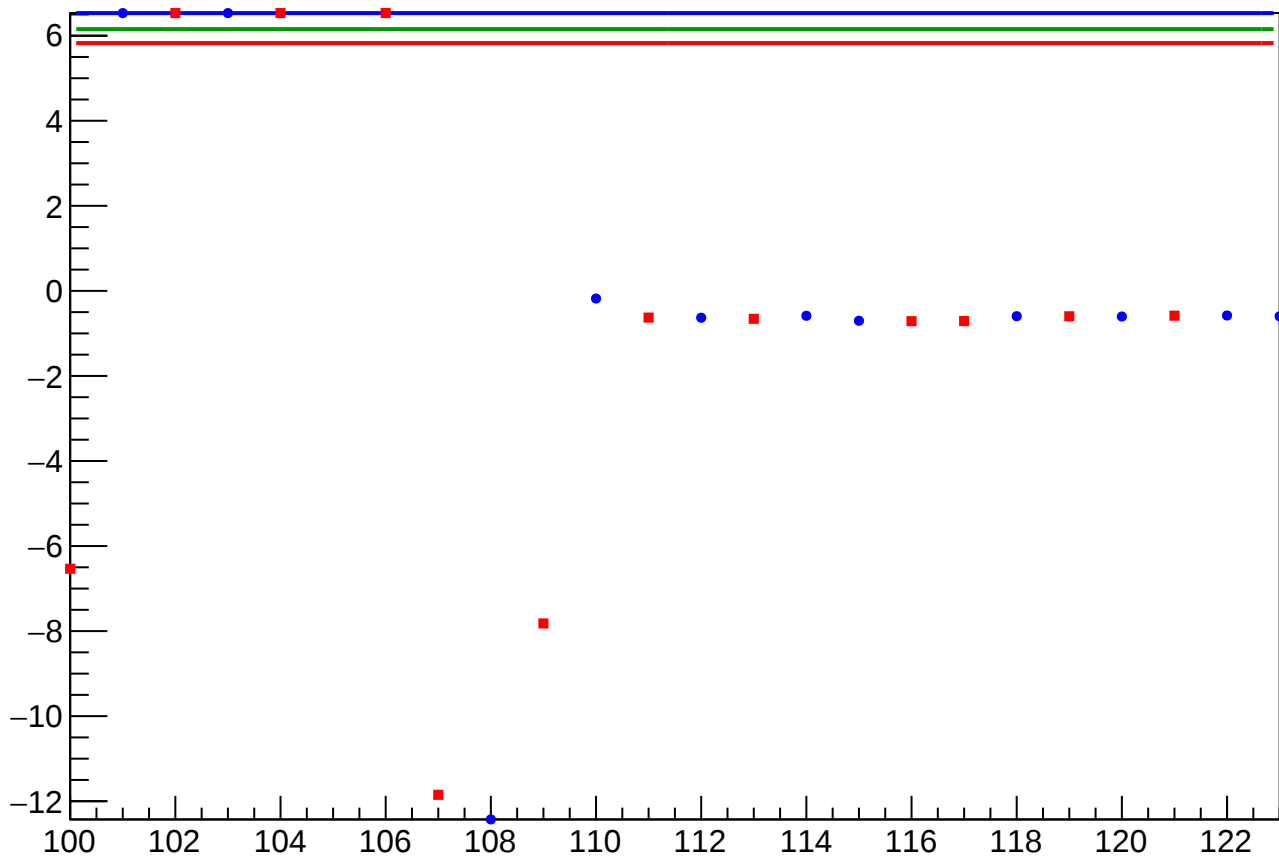
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132.814 $\pm$ 0.051 χ^2 /NDF: 659113.9/10

130.803 $\pm$ 0.034 χ^2 /NDF: 1402384.3/22

129.087 $\pm$ 0.047 χ^2 /NDF: 740355.1/11

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 55607764375.0/10

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755897175036468.1/11

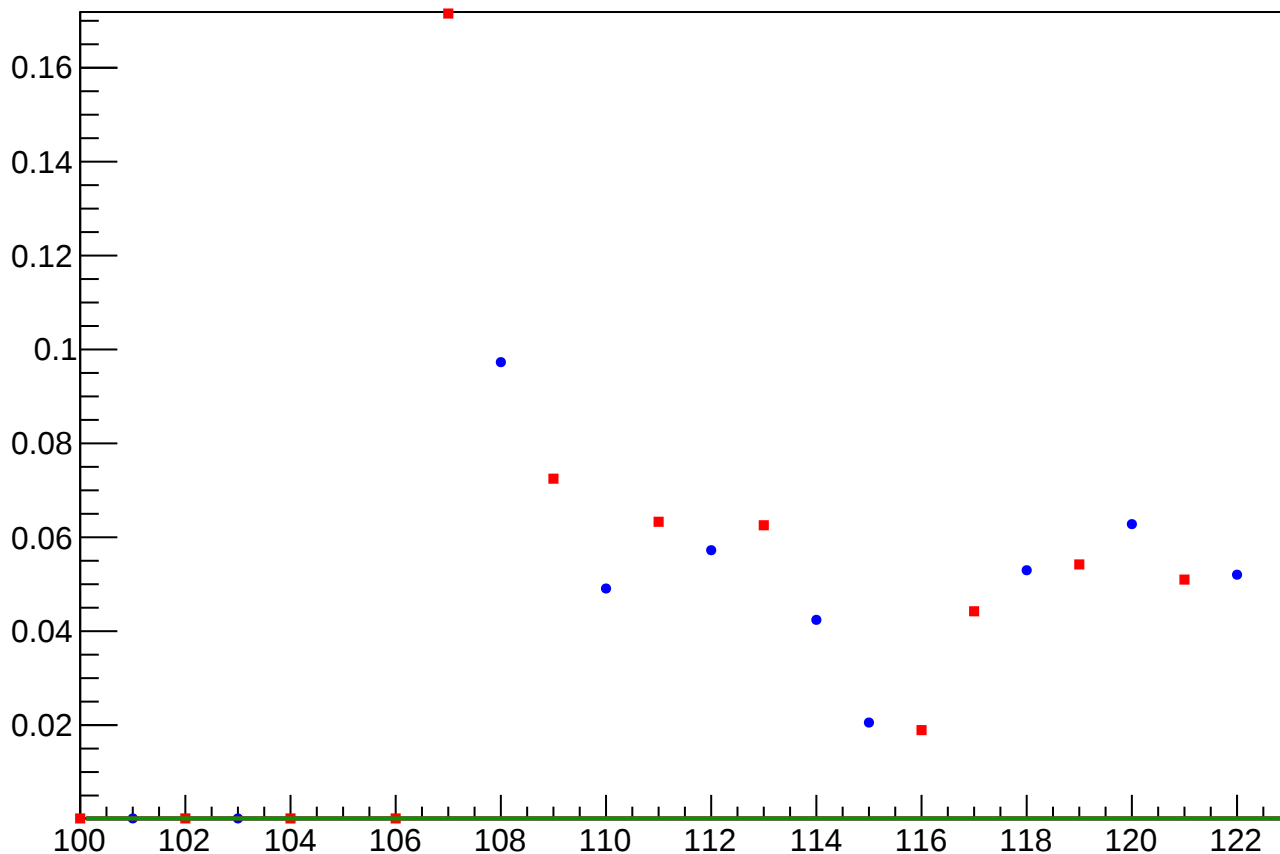
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 55607764375.0/10

6.155+/-0.000 χ^2/NDF : 77595809192583

5.828+/-0.000 χ^2/NDF : 755897175036468.1/11

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4584380.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4801553.3/11

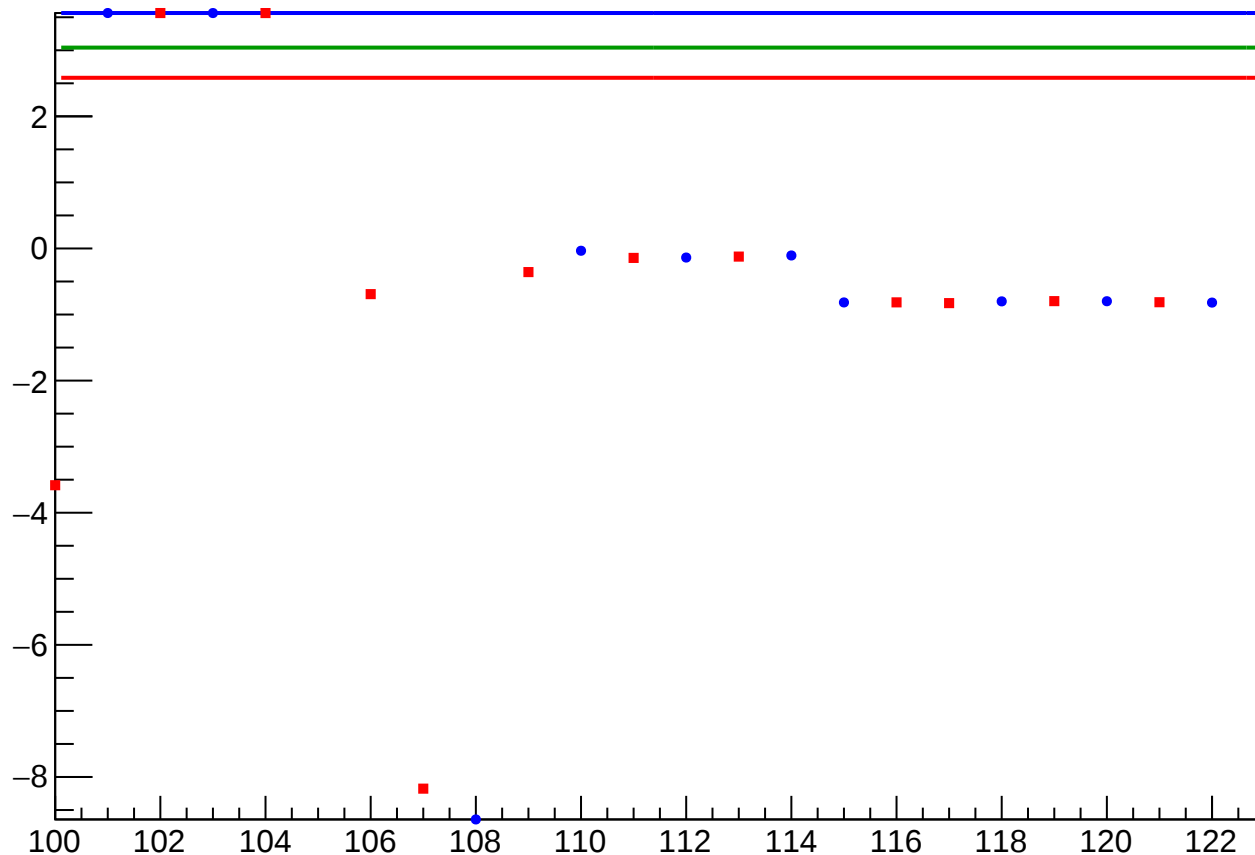
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4584380.6/10

0.000+/-0.000 χ^2/NDF : 9386144.9/22

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 : 103226851013.6/10

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253296130256236.5/11

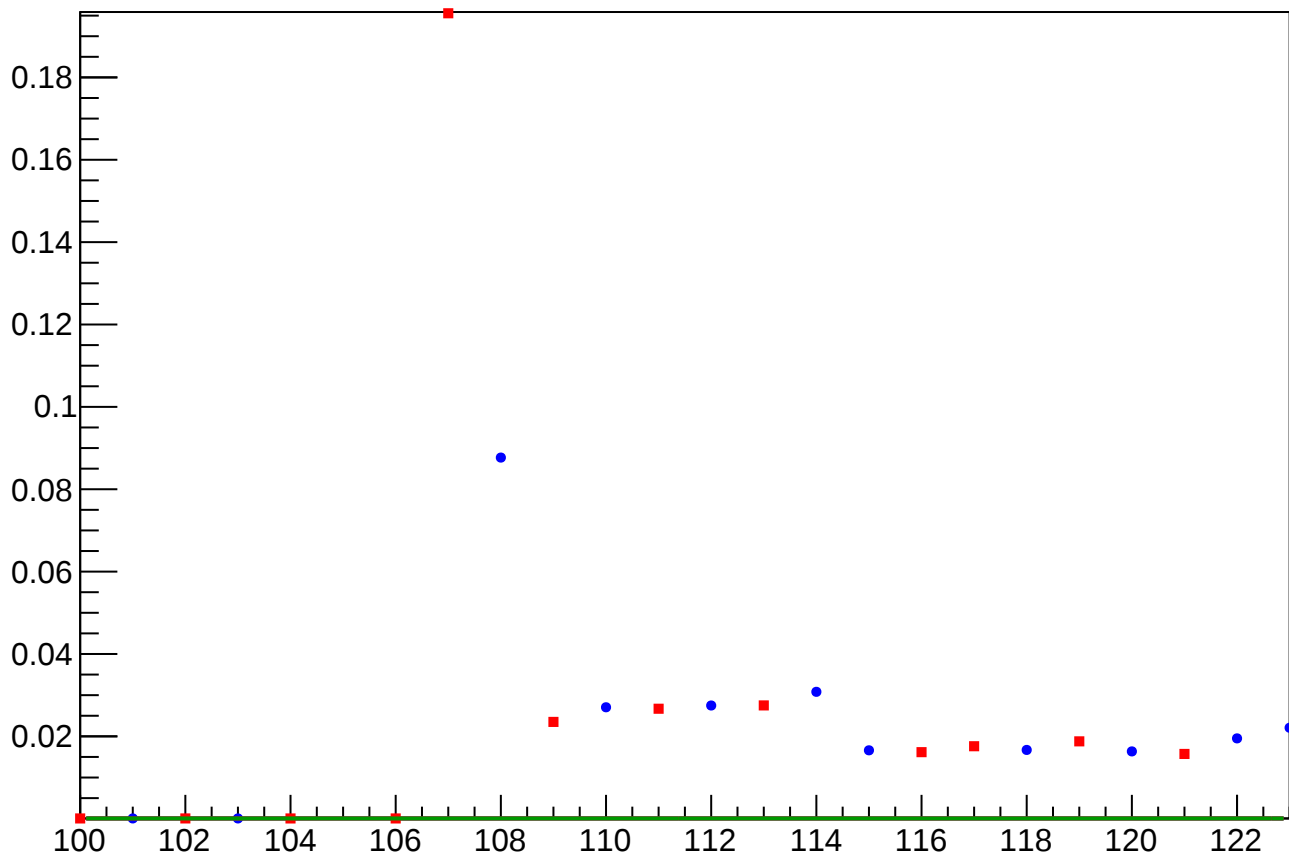
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 103226851013.6/10

3.041+/-0.000 χ^2/NDF : 13816965035946

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 : 4883222.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4888763.9/11

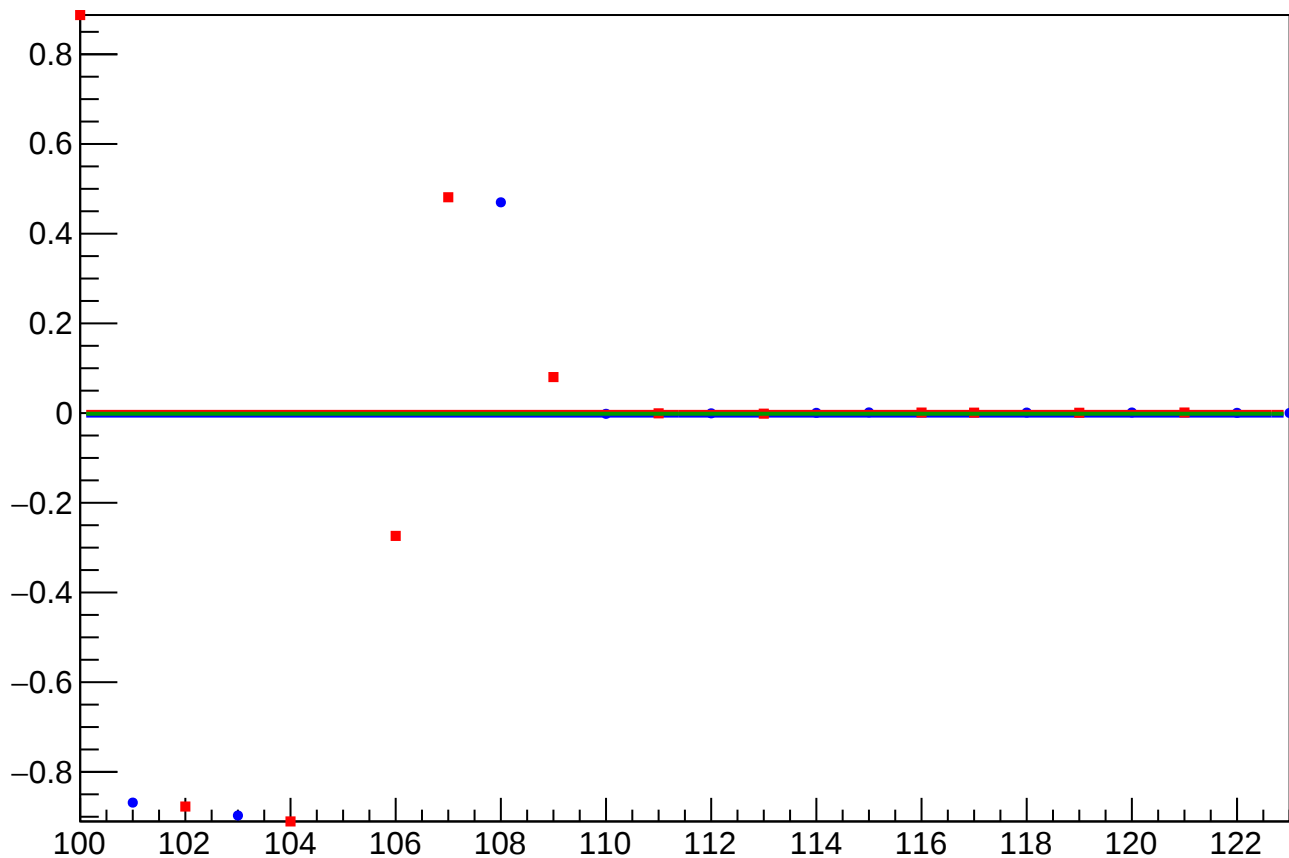
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4883222.6/10

0.000+/-0.000 χ^2/NDF : 9772186.3/22

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 : 9780200344.9/10

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

Right Out: 0.003+/-0.000 χ^2/NDF : 3038204108.3/11

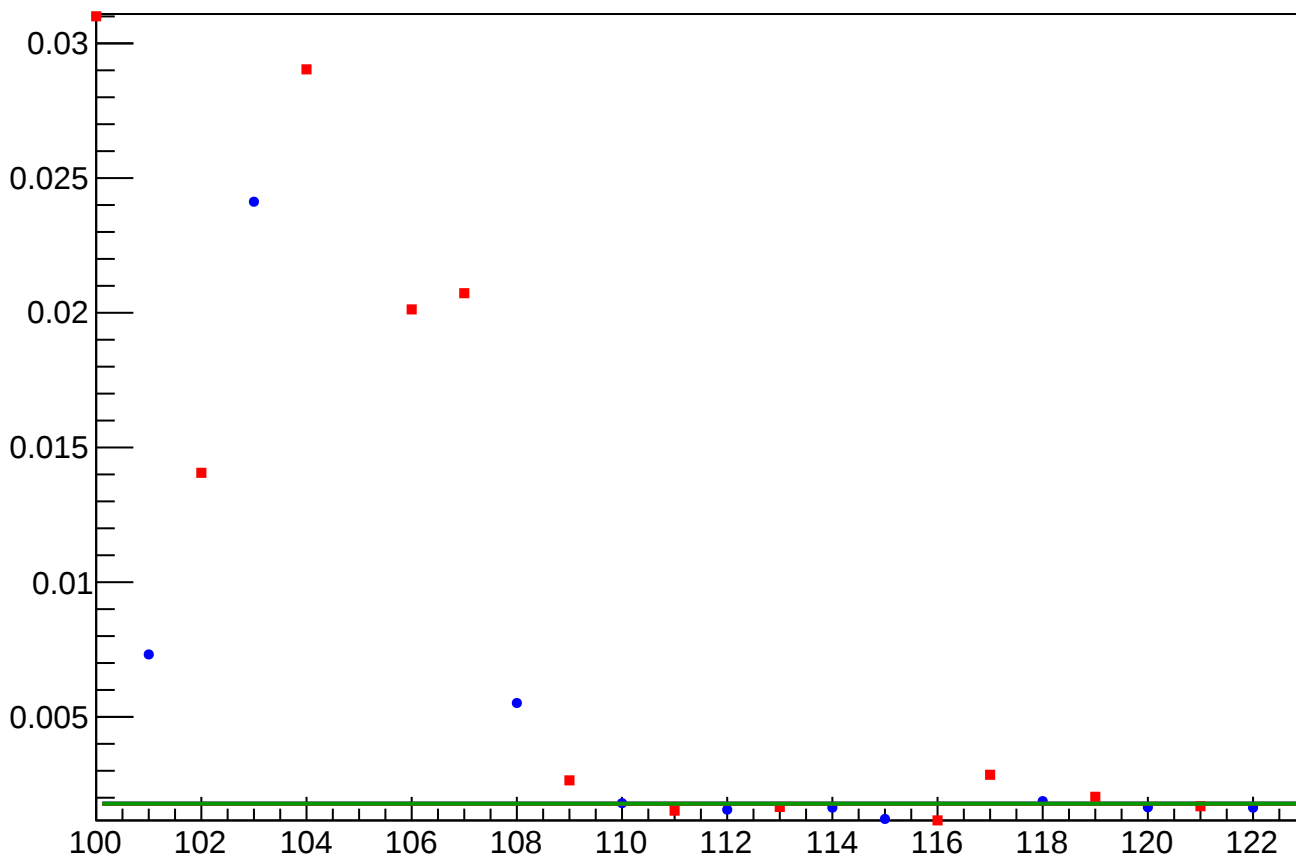
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.006+/-0.000 χ^2/NDF : 9780200344.9/10

-0.001+/-0.000 χ^2/NDF : 12843896217.2/11

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 : 1714647.0/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2854401.9/11

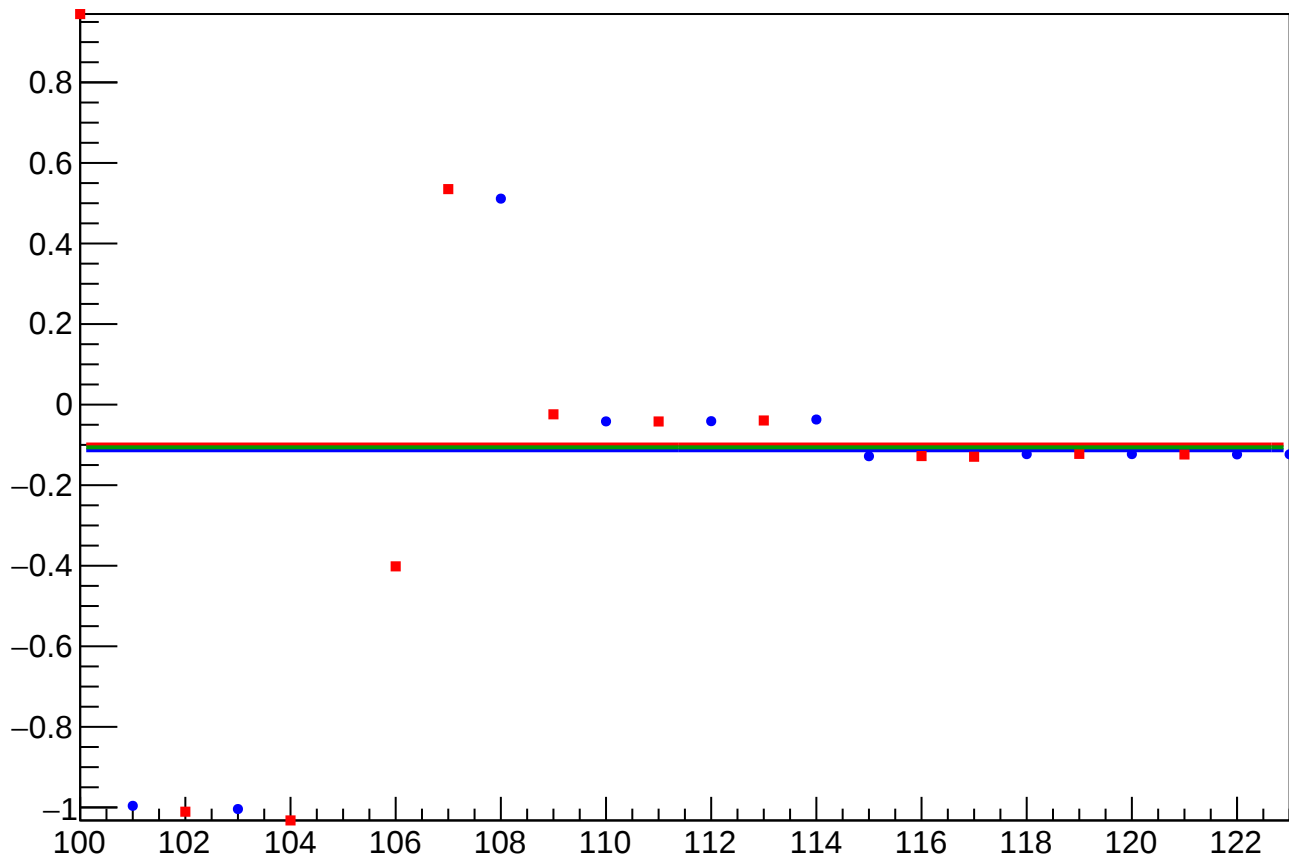
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1714647.0/10

0.002+/-0.000 χ^2/NDF : 4569068.5/22

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 : 3884816891.7/10

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

Right Out: -0.099+/-0.000 χ^2/NDF : 2202164695.5/11

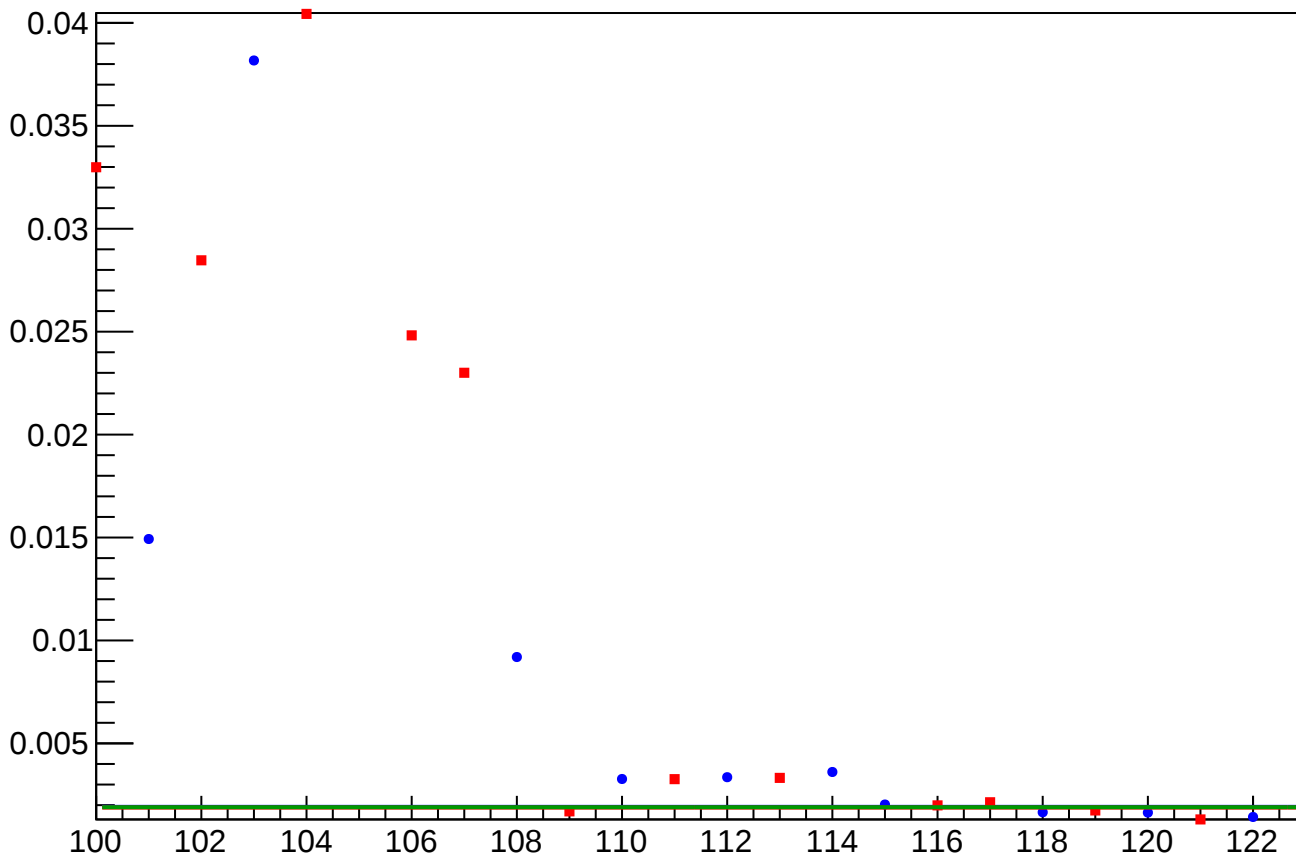
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.113+/-0.000 χ^2/NDF : 3884816891.7/10

-0.106+/-0.000 χ^2/NDF : 6150455118.1/22

-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 : 2598477.3/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3245863.9/11

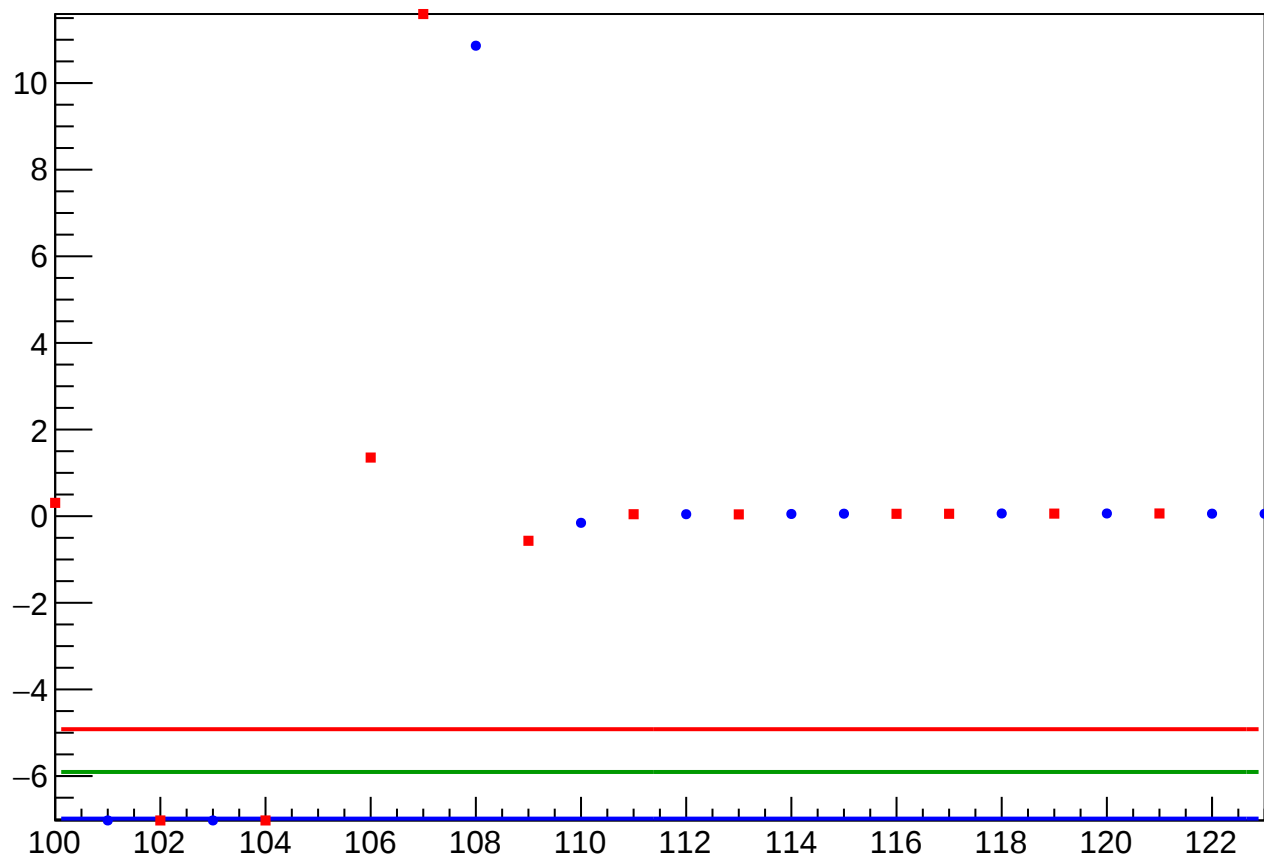
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2598477.3/10

0.002+/-0.000 χ^2/NDF : 5845093.5/22

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: 7345819931071.8/10

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

Right Out: -4.918+/-0.000 χ^2 /NDF: 364735897427544.1/11

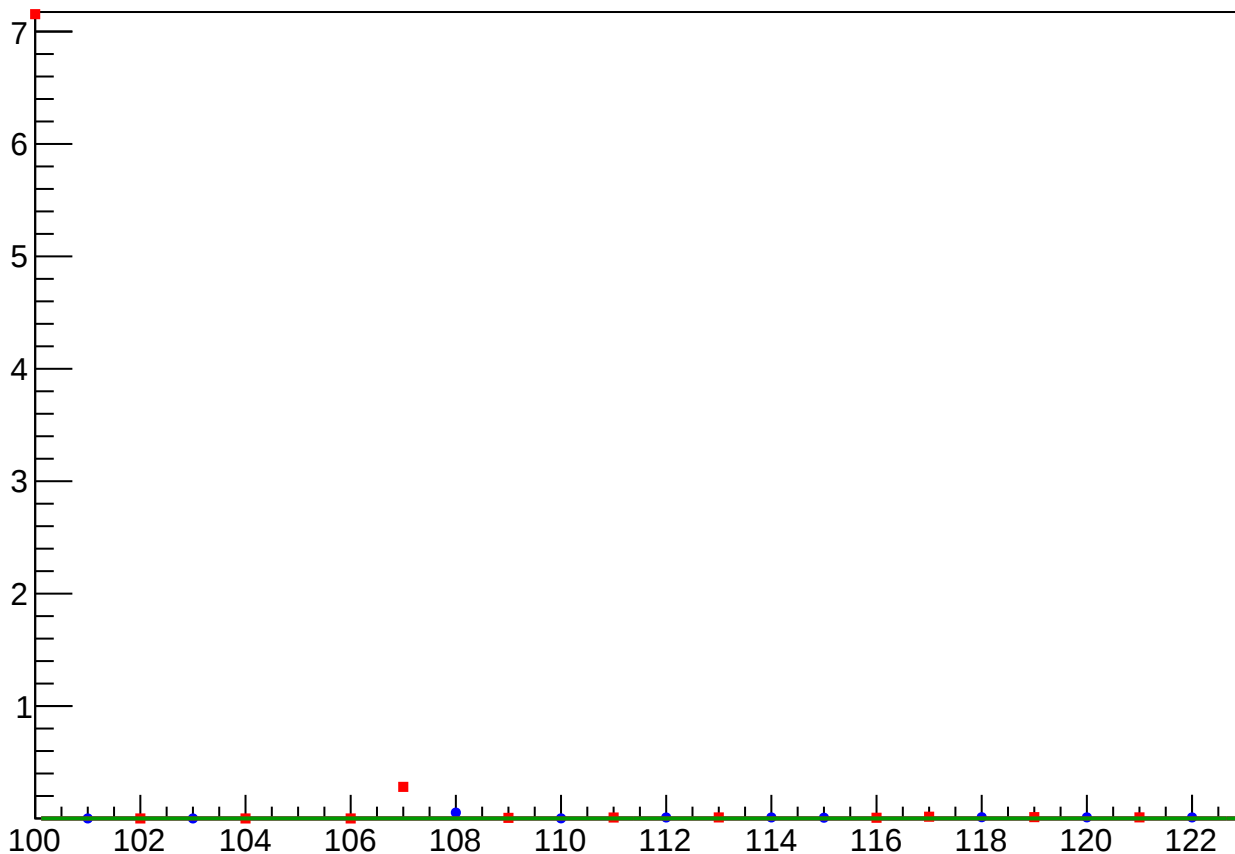
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.983+/-0.000 χ^2 /NDF: 7345819931071.8/10

-5.906+/-0.000 χ^2 /NDF: 42840632564730

-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 : 3997474.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4467912.1/11

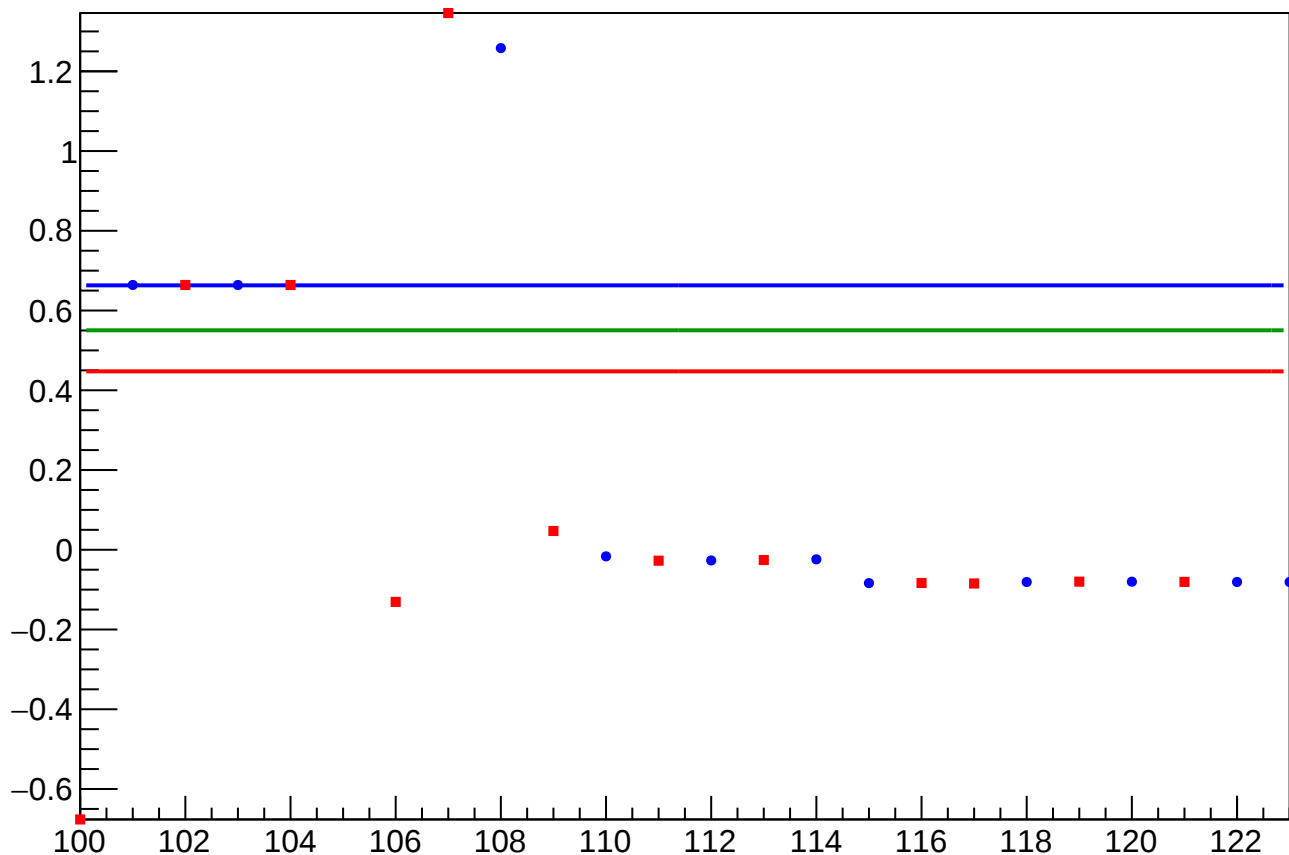
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3997474.6/10

0.000+/-0.000 χ^2/NDF : 8465498.9/22

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 : 1732225199281.0/10

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403612634408373.9/11

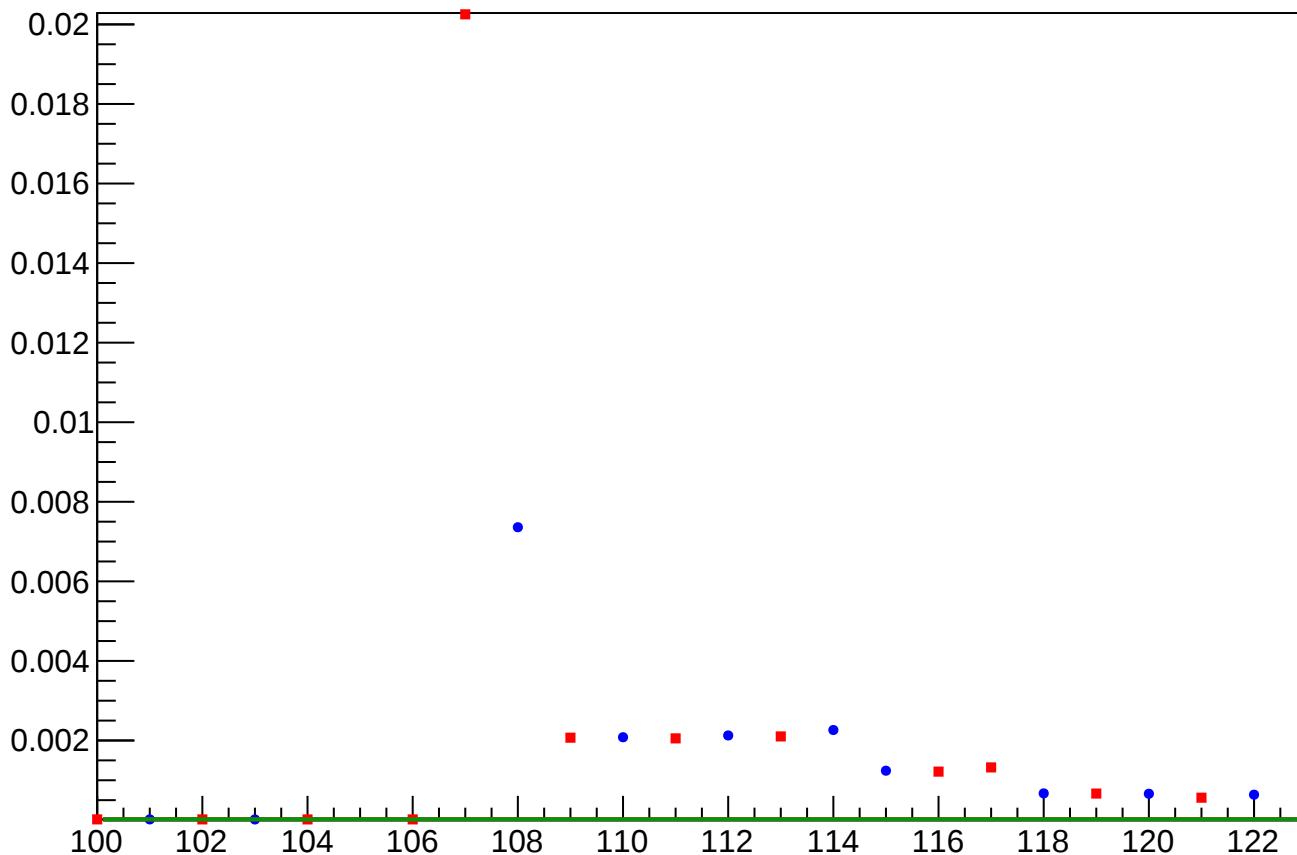
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 1732225199281.0/10

0.550+/-0.000 χ^2/NDF : 46858132754893

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 : 4959644.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4570715.5/11

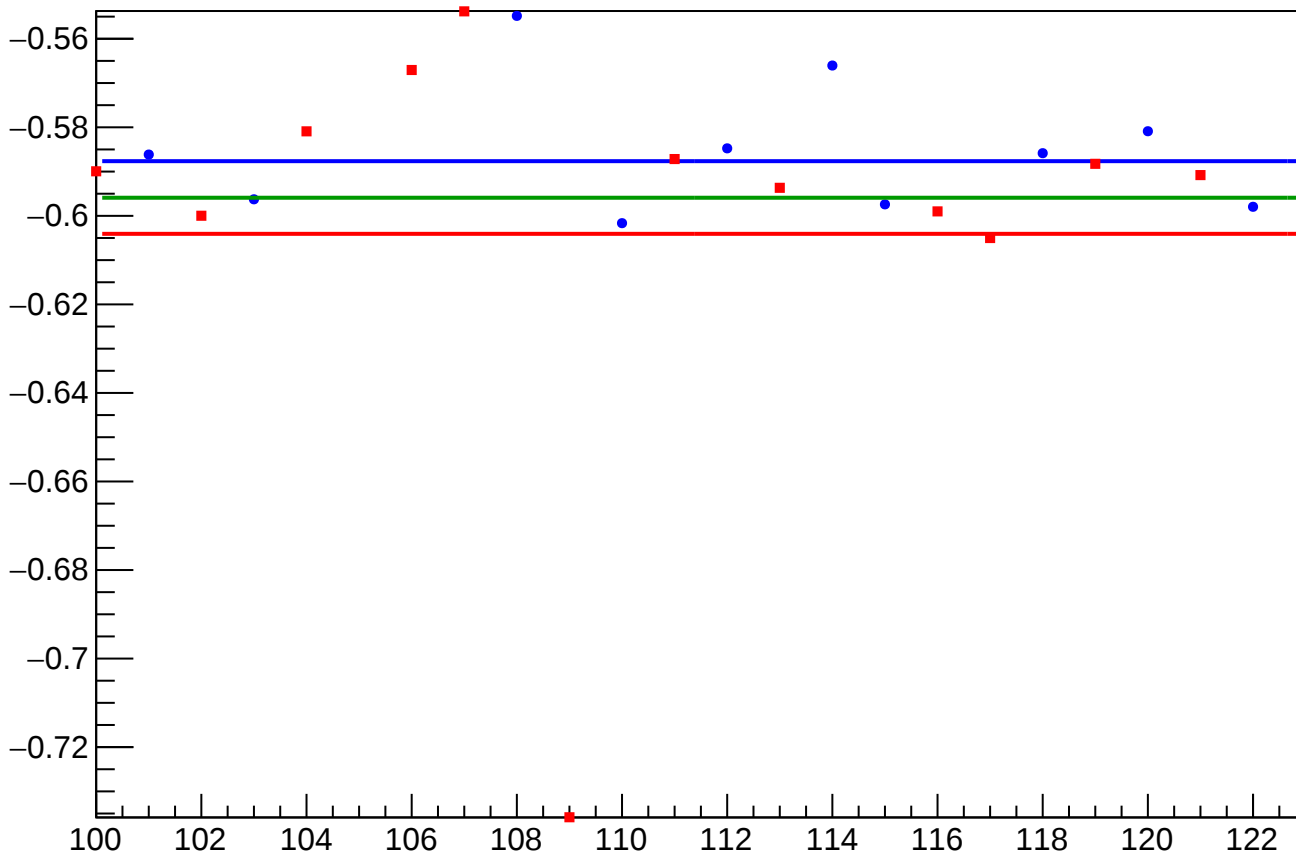
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4959644.7/10

0.000+/-0.000 χ^2/NDF : 9530399.9/22

0.000+/-0.000 χ^2/NDF : 4570715.5/11

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 630240.2/10

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

Right Out: -0.604+/-0.000 χ^2/NDF : 10123390.5/11

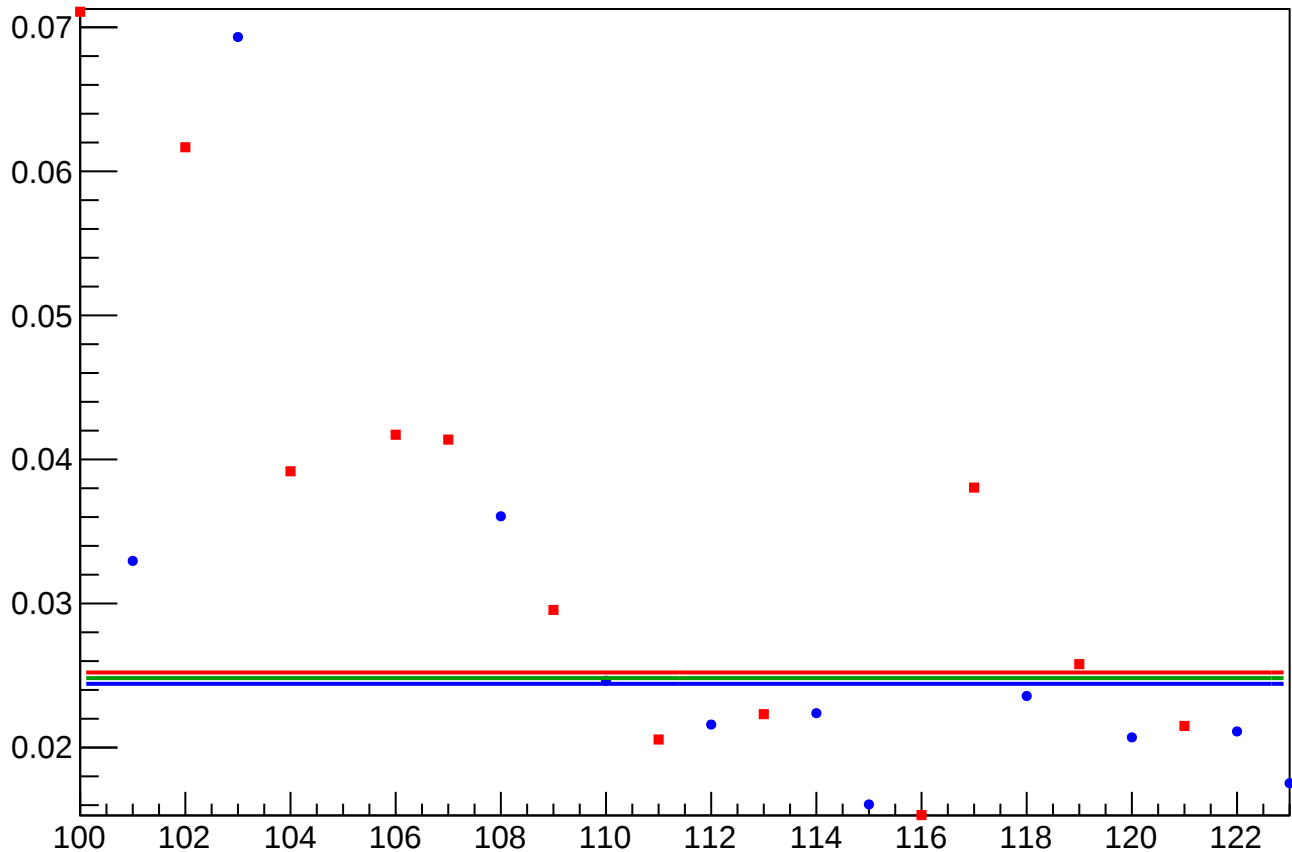
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.588+/-0.000 χ^2/NDF : 630240.2/10

-0.596+/-0.000 χ^2/NDF : 11427596.4/22

-0.604+/-0.000 χ^2/NDF : 10123390.5/11

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 710822.4/10

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

Right Out: 0.025+/-0.000 χ^2/NDF : 912743.9/11

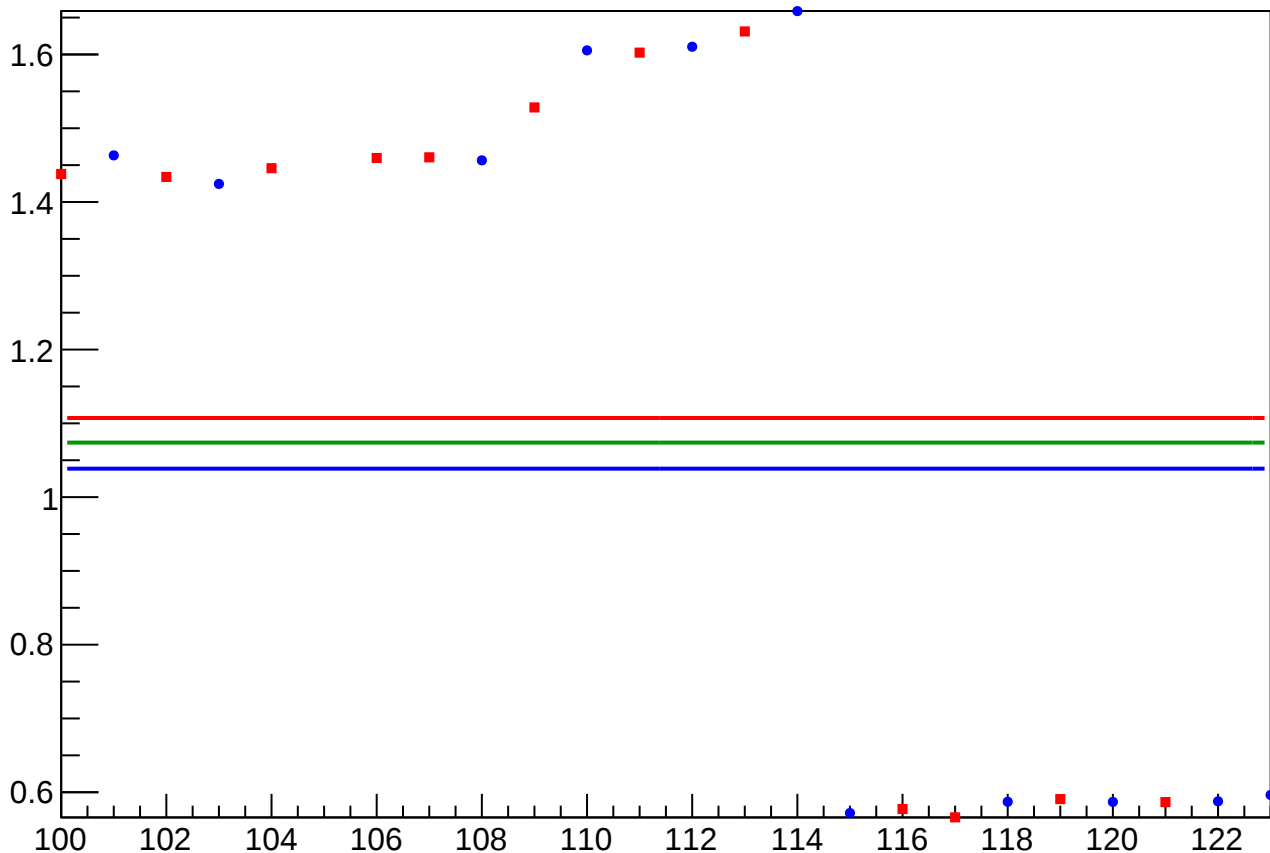
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 710822.4/10

0.025+/-0.000 χ^2/NDF : 1626661.2/22

0.025+/-0.000 χ^2/NDF : 912743.9/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.039+/-0.000 χ^2/NDF : 2296604773.6/10

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

Right Out: 1.107+/-0.000 χ^2/NDF : 2424419775.5/11

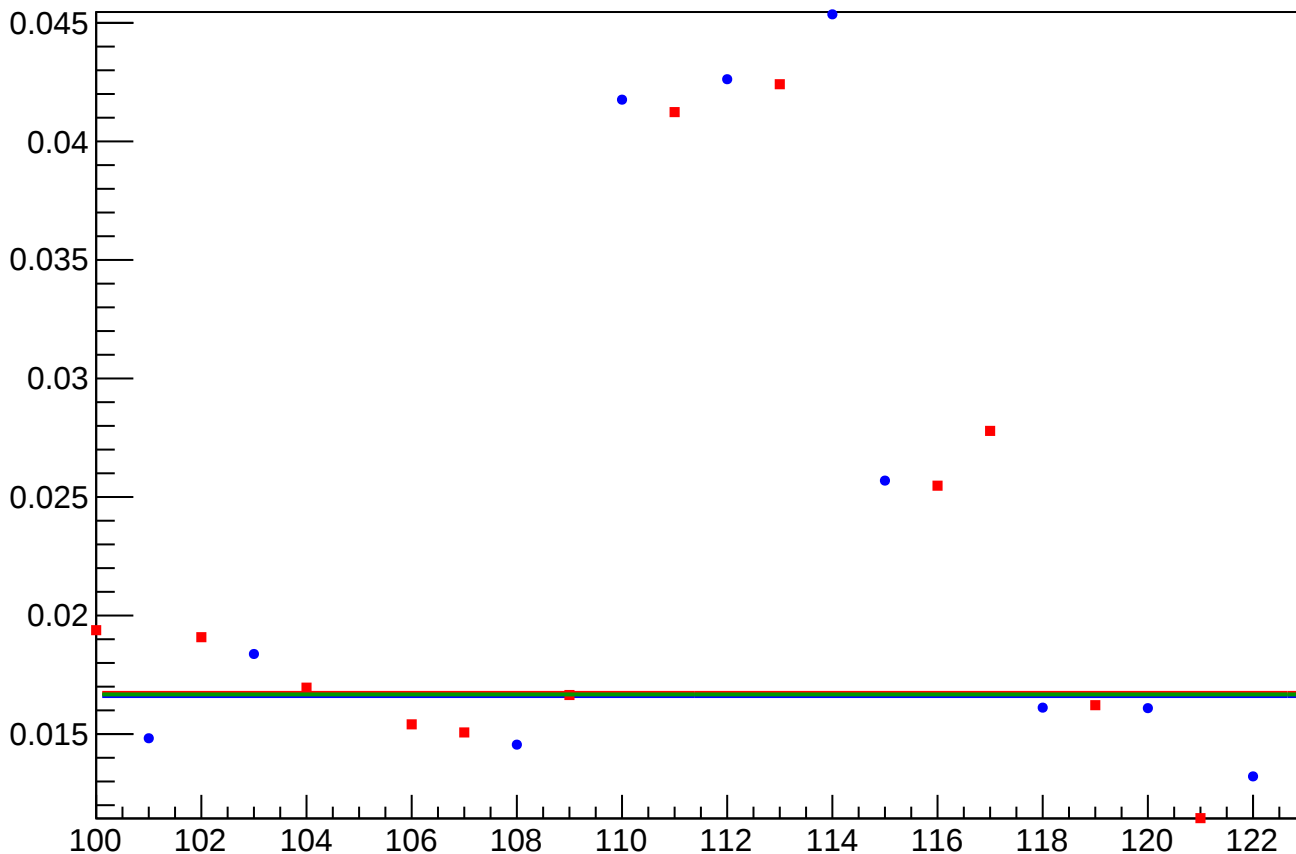
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.039+/-0.000 χ^2/NDF : 2296604773.6/10

1.074+/-0.000 χ^2/NDF : 4749922468.3/22

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 : 779050.9/10

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

Right Out: 0.017+/-0.000 χ^2/NDF : 860997.2/11

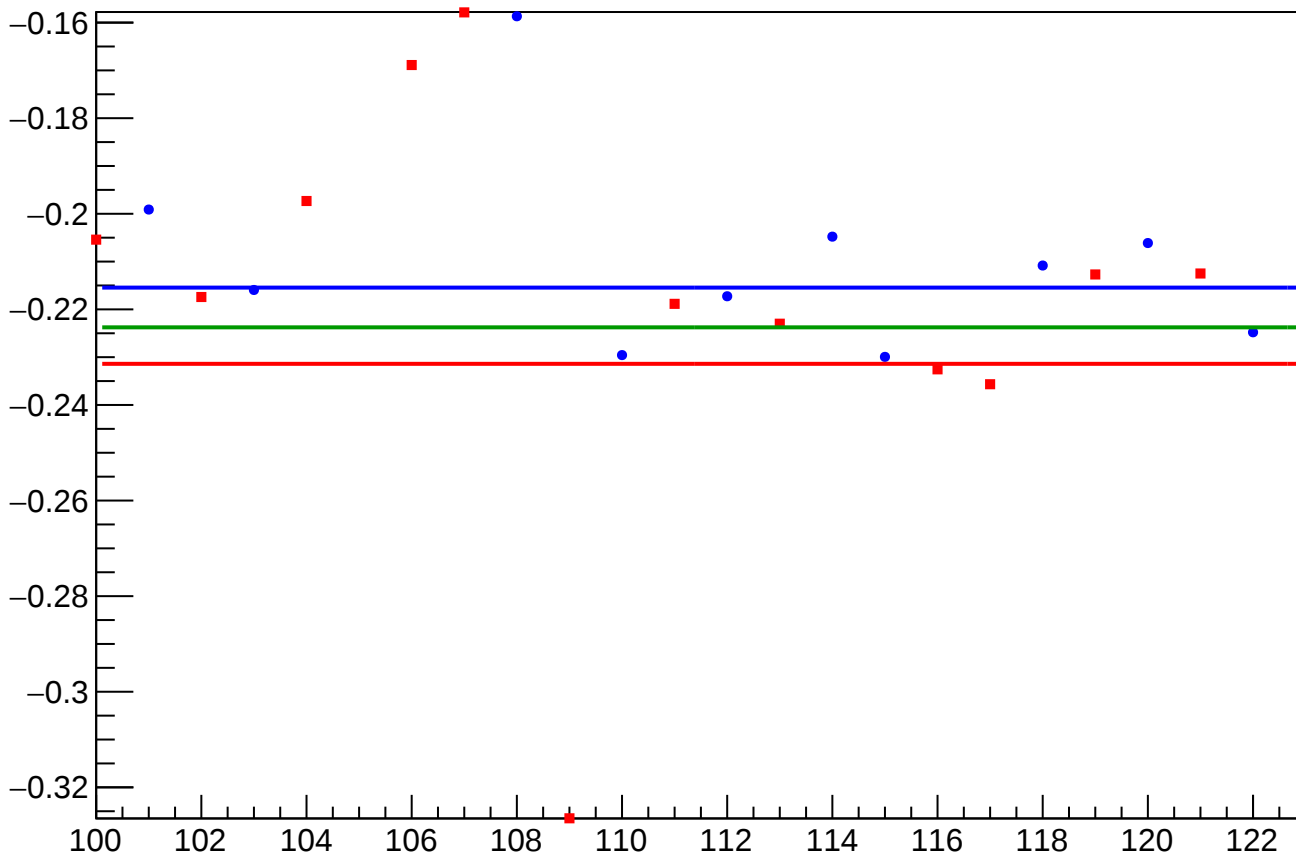
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 779050.9/10

0.017+/-0.000 χ^2/NDF : 1640264.7/22

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 : 1432141.0/10

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

Right Out: -0.231 ± 0.000 χ^2/NDF : 11118502.2/11

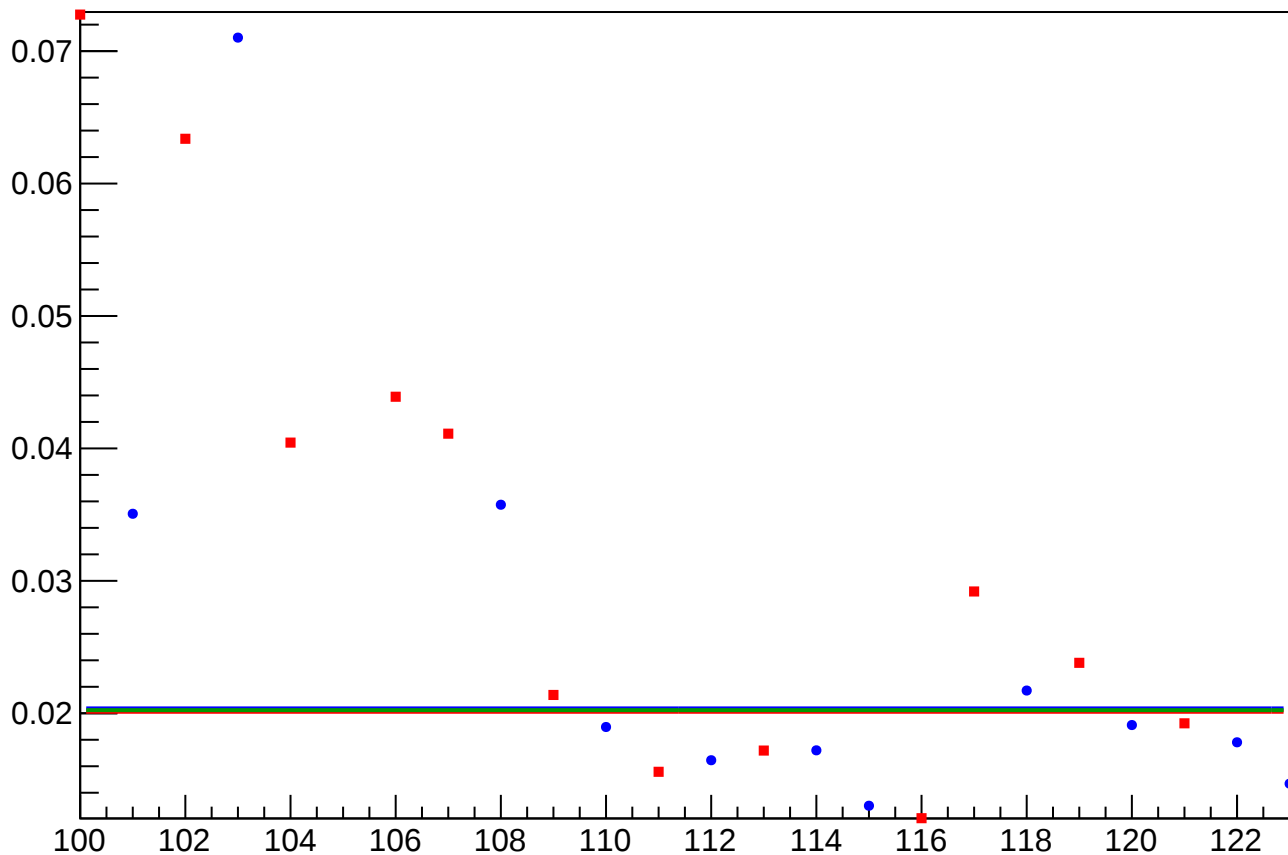
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.215 ± 0.000 χ^2/NDF : 1432141.0/10

-0.224 ± 0.000 χ^2/NDF : 13457228.5/22

-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 : 1003477.5/10

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1298413.2/11

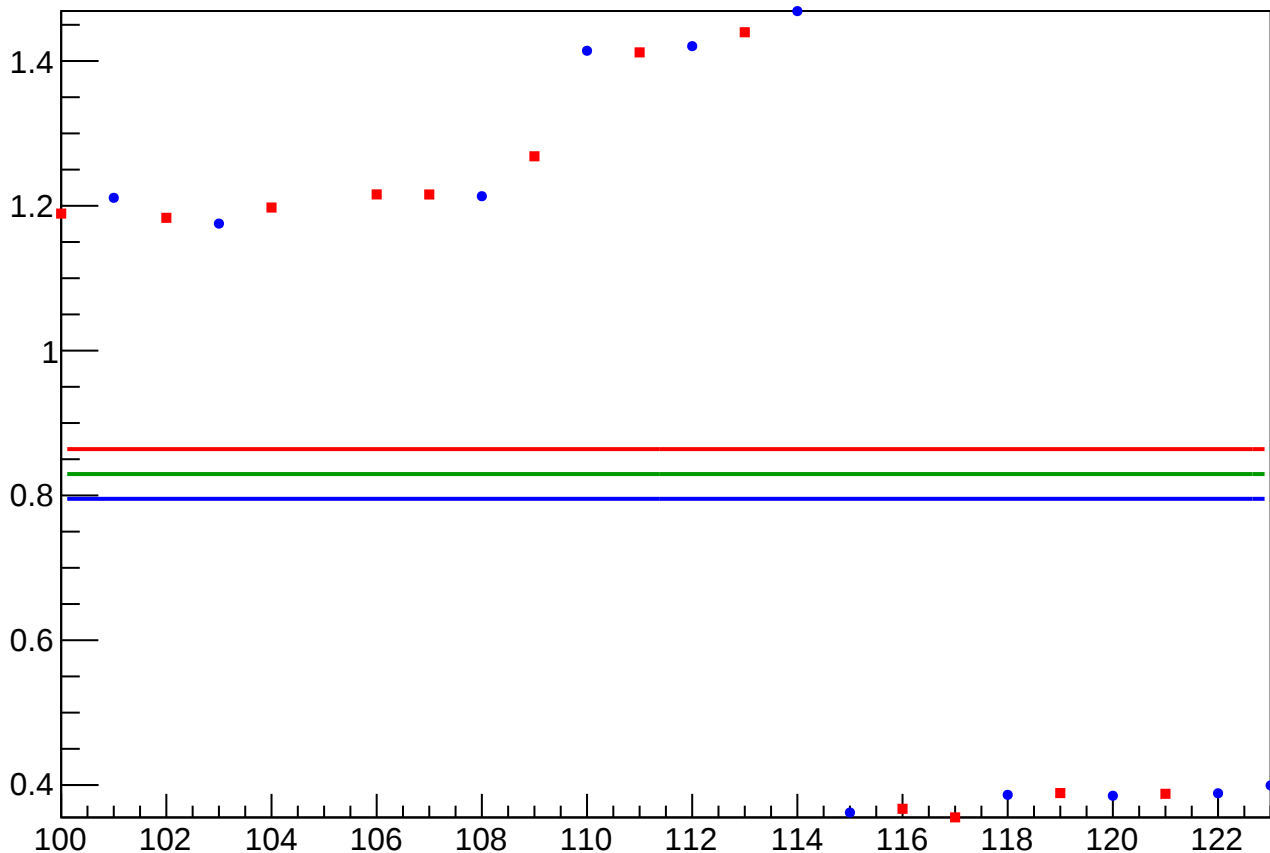
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1003477.5/10

0.020+/-0.000 χ^2/NDF : 2302348.5/22

0.020+/-0.000 χ^2/NDF : 1298413.2/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.795+/-0.000 χ^2/NDF : 3162129044.8/10

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

Right Out: 0.864+/-0.000 χ^2/NDF : 3130882705.8/11

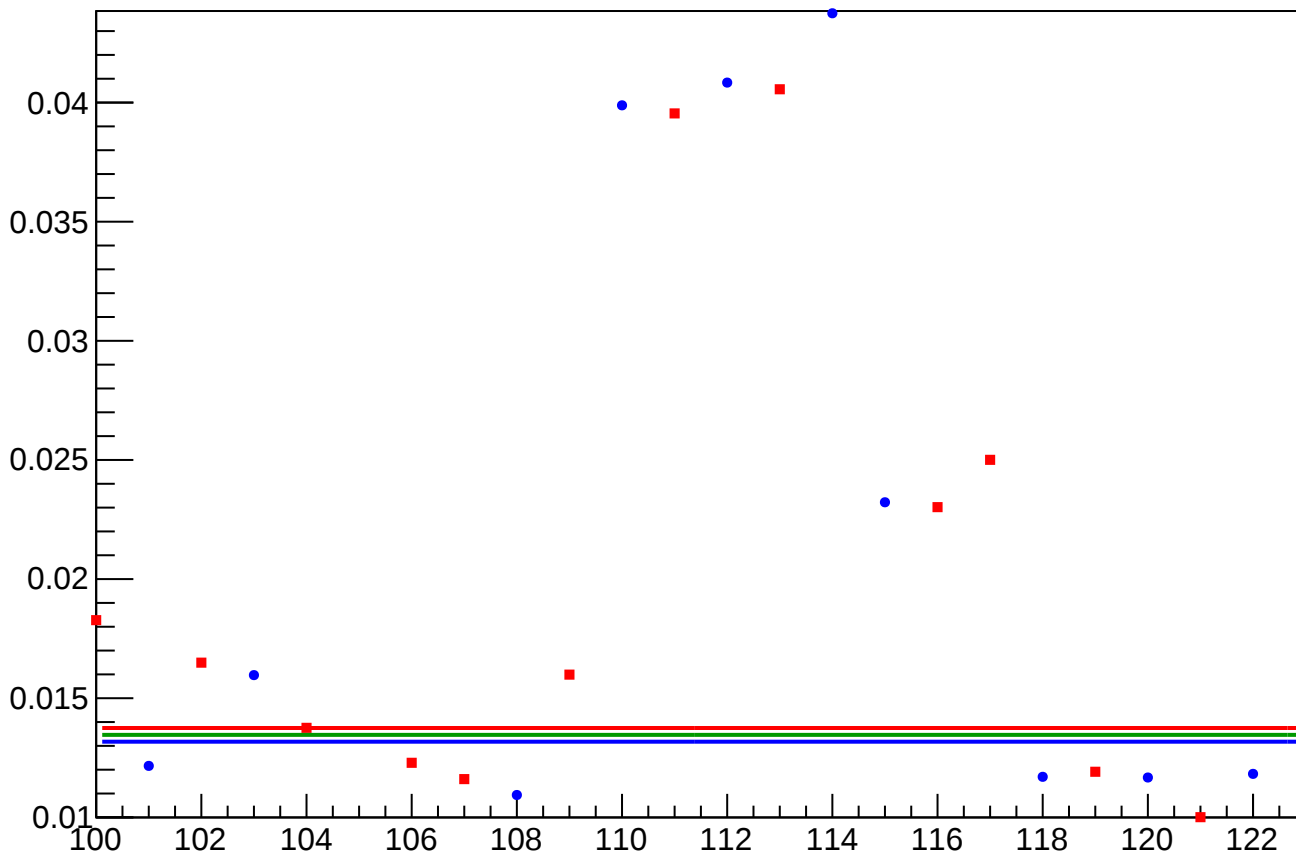
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.795+/-0.000 χ^2/NDF : 3162129044.8/10

0.830+/-0.000 χ^2/NDF : 6335877752.0/22

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 : 950211.8/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1017467.6/11

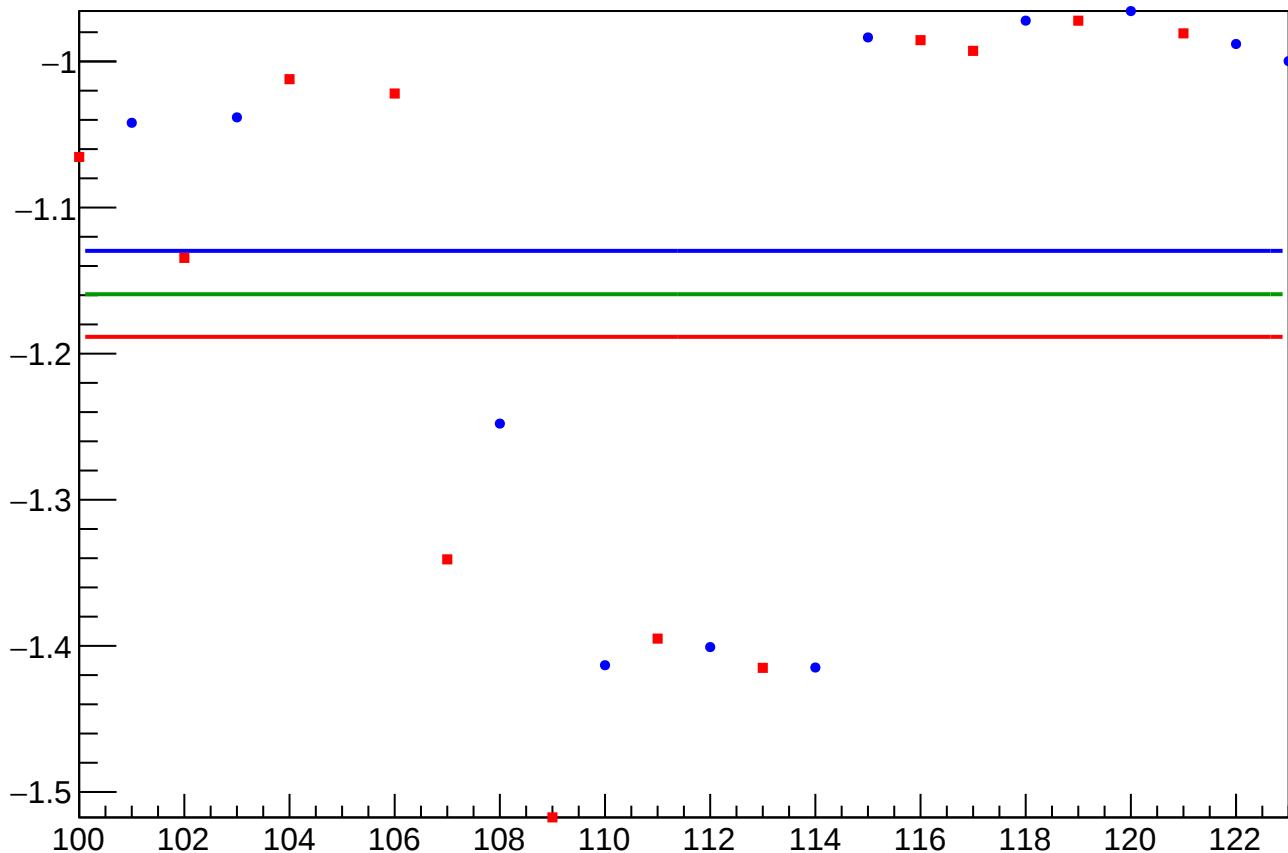
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 950211.8/10

0.013+/-0.000 χ^2/NDF : 1973689.9/22

0.014+/-0.000 χ^2/NDF : 1017467.6/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.130+/-0.000 χ^2 /NDF: 192057511.0/10

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

Right Out: -1.188+/-0.000 χ^2 /NDF: 250147432.3/11

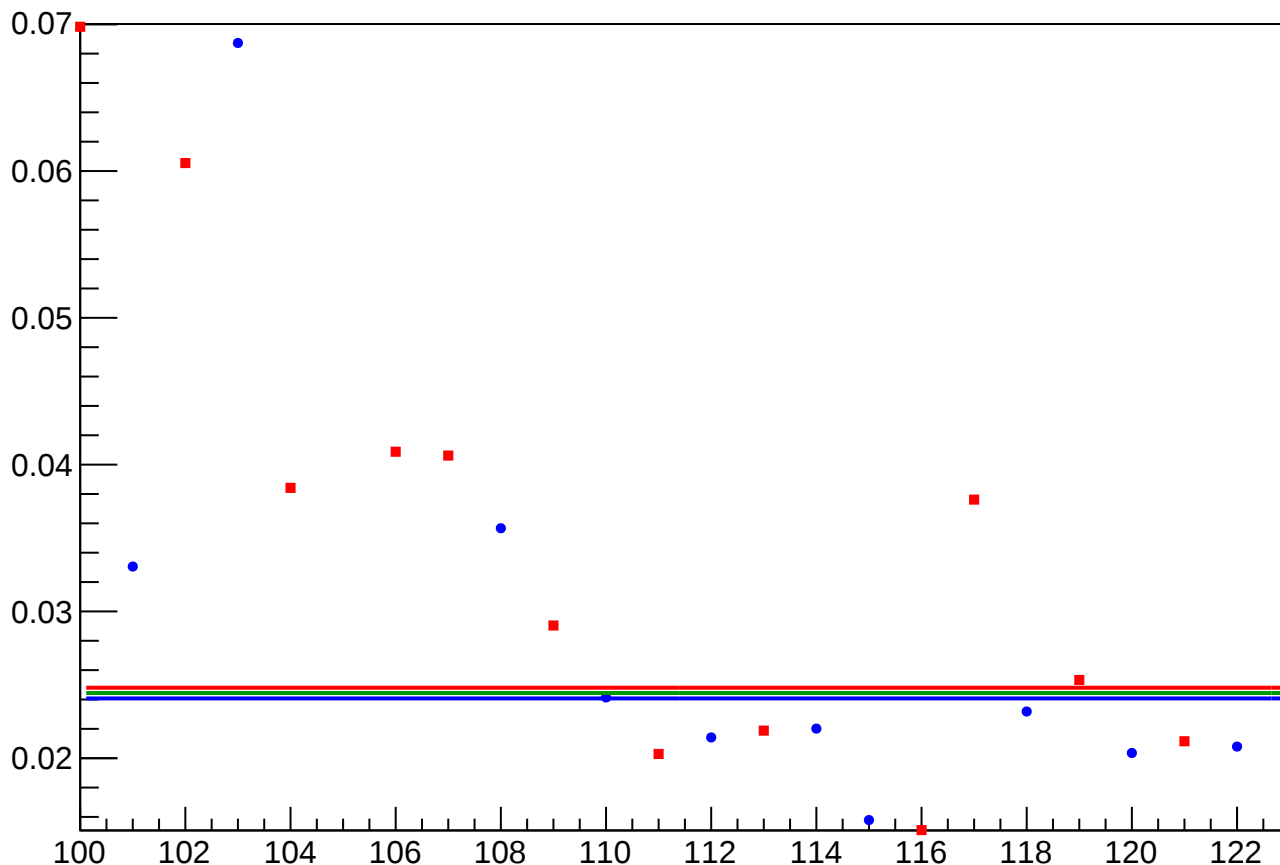
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.130+/-0.000 χ^2 /NDF: 192057511.0/10

-1.159+/-0.000 χ^2 /NDF: 451122202.0/22

-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 : 720519.6/10

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

Right Out: 0.025+/-0.000 χ^2/NDF : 905918.3/11

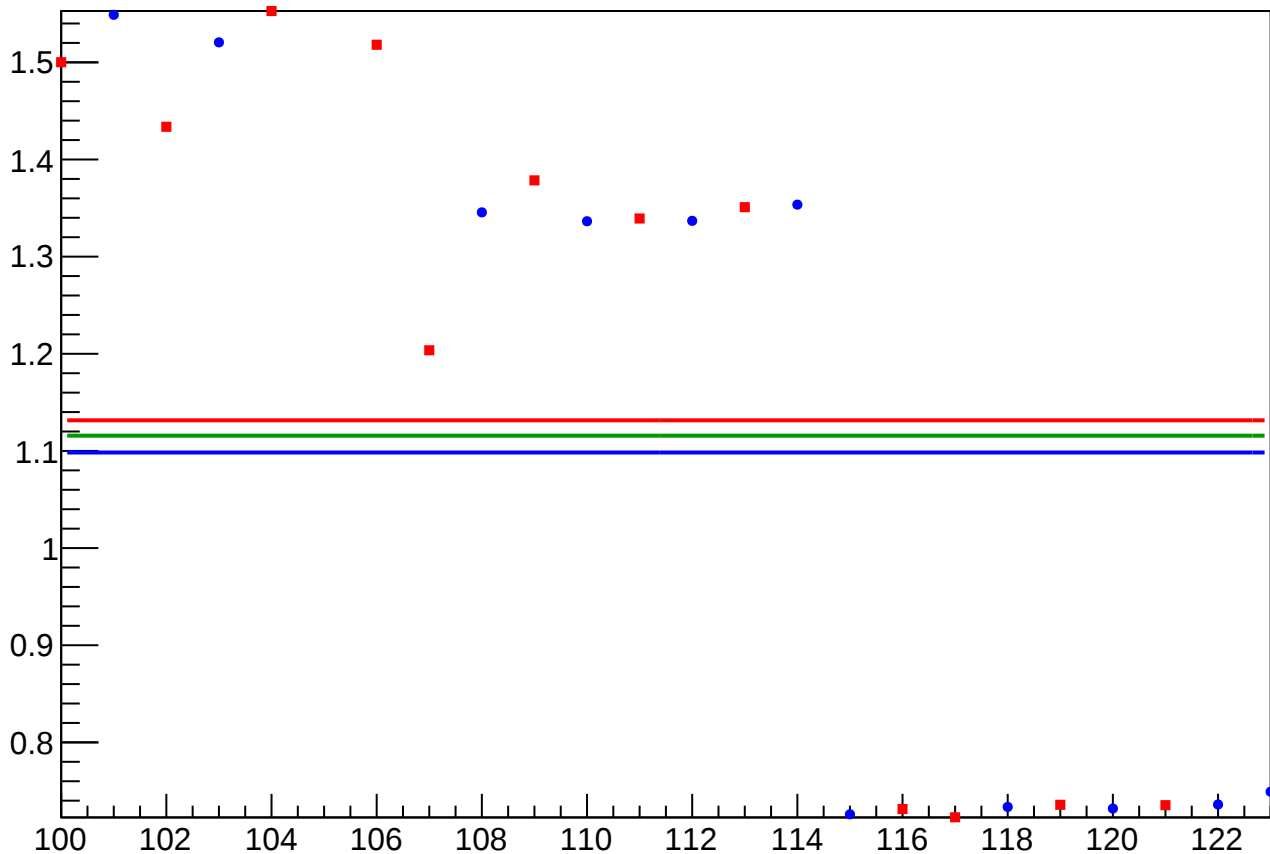
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 720519.6/10

0.024+/-0.000 χ^2/NDF : 1629188.1/22

0.025+/-0.000 χ^2/NDF : 905918.3/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.098+/-0.000 χ^2/NDF : 1563326399.8/10

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

Right Out: 1.132+/-0.000 χ^2/NDF : 1493603533.9/11

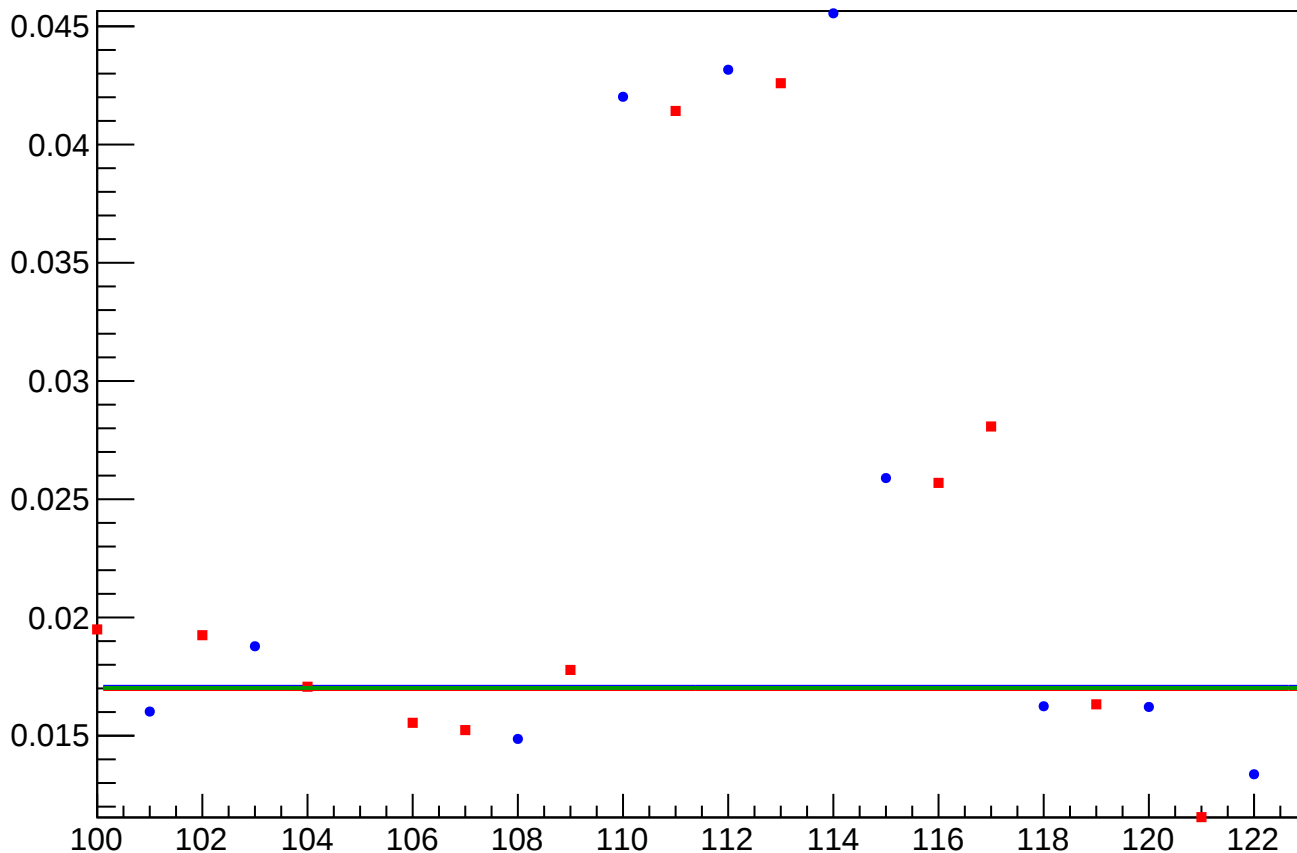
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.098+/-0.000 χ^2/NDF : 1563326399.8/10

1.116+/-0.000 χ^2/NDF : 3063367485.9/22

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 : 762997.3/10

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

Right Out: 0.017+/-0.000 χ^2/NDF : 858444.7/11

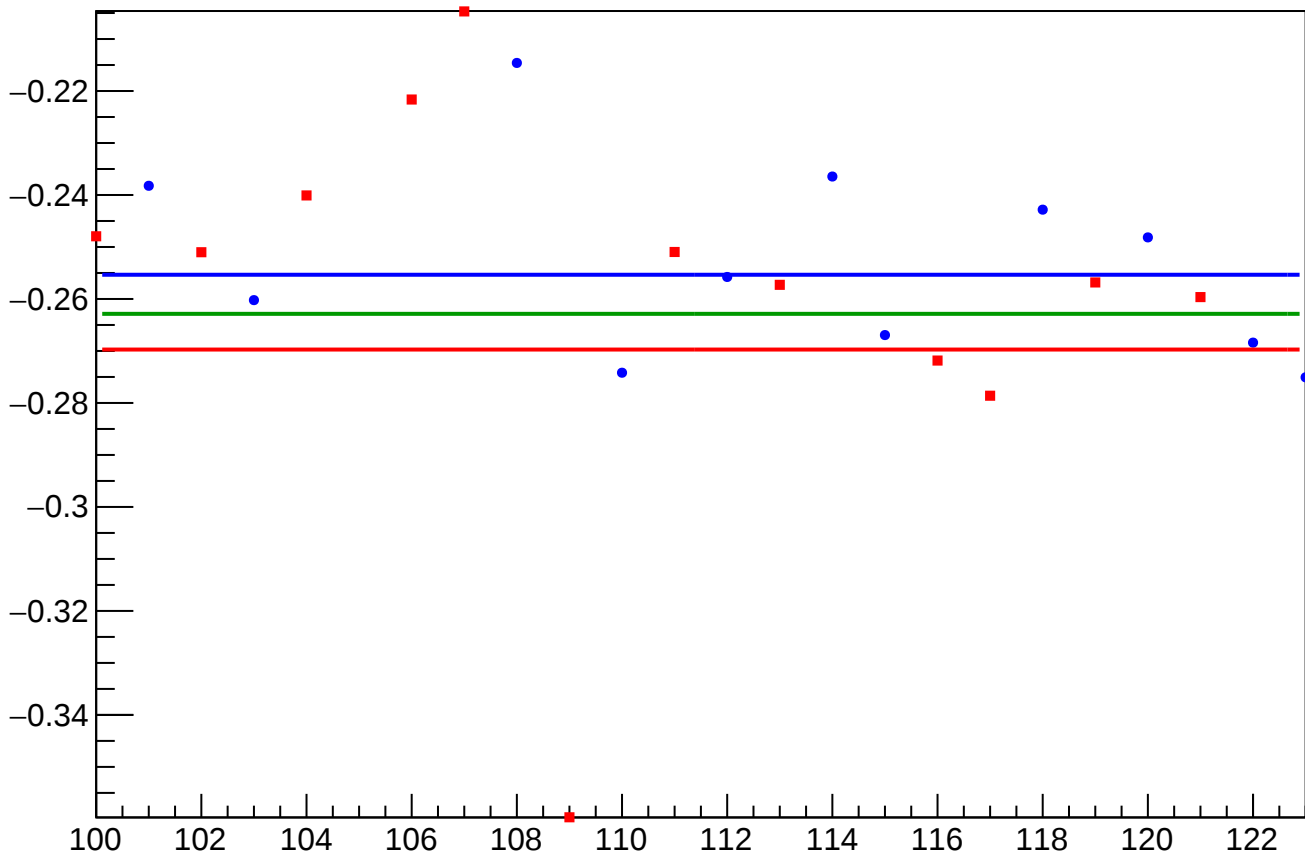
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 762997.3/10

0.017+/-0.000 χ^2/NDF : 1621542.1/22

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: 1379871.5/10

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

Right Out: -0.270+/-0.000 χ^2 /NDF: 9721133.8/11

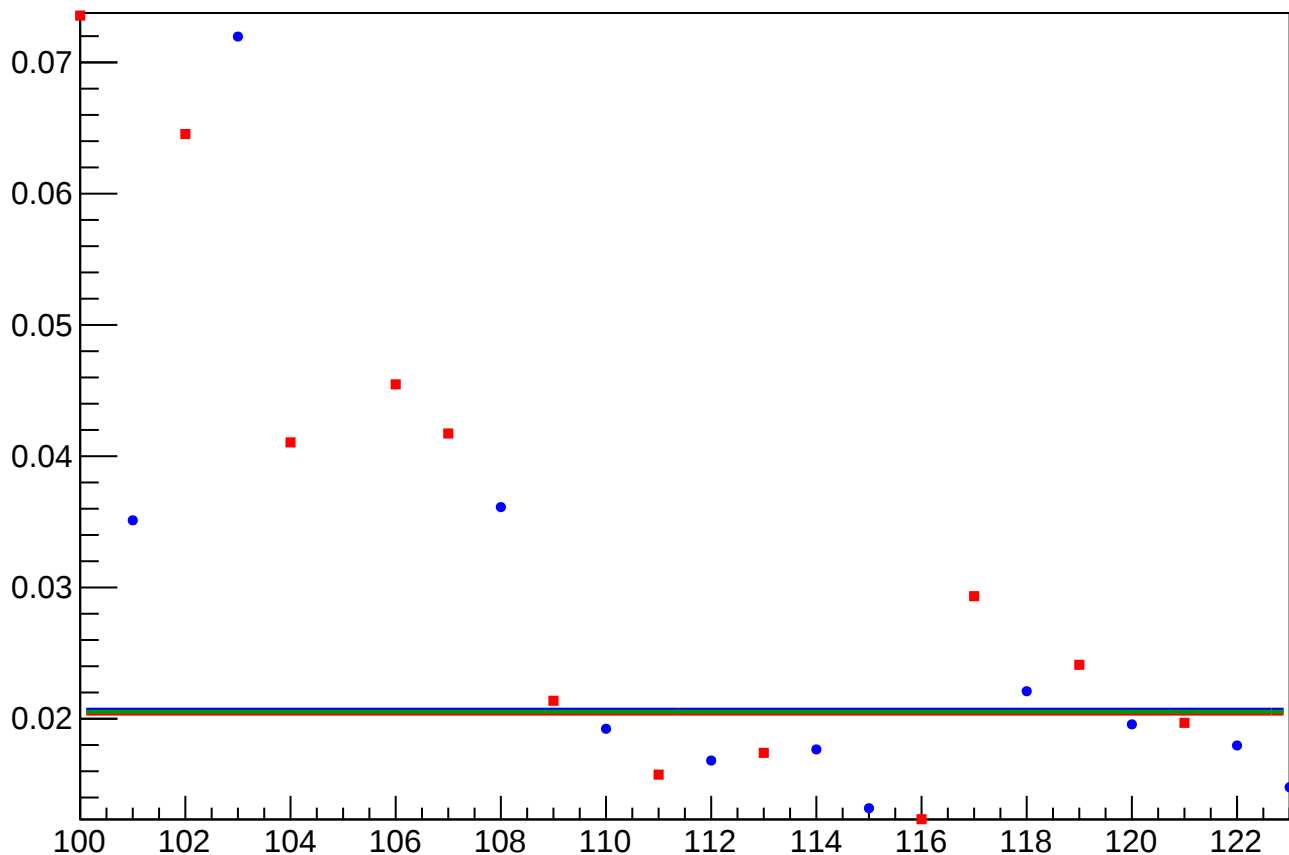
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.255+/-0.000 χ^2 /NDF: 1379871.5/10

-0.263+/-0.000 χ^2 /NDF: 11818156.0/22

-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 : 990609.4/10

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1303449.8/11

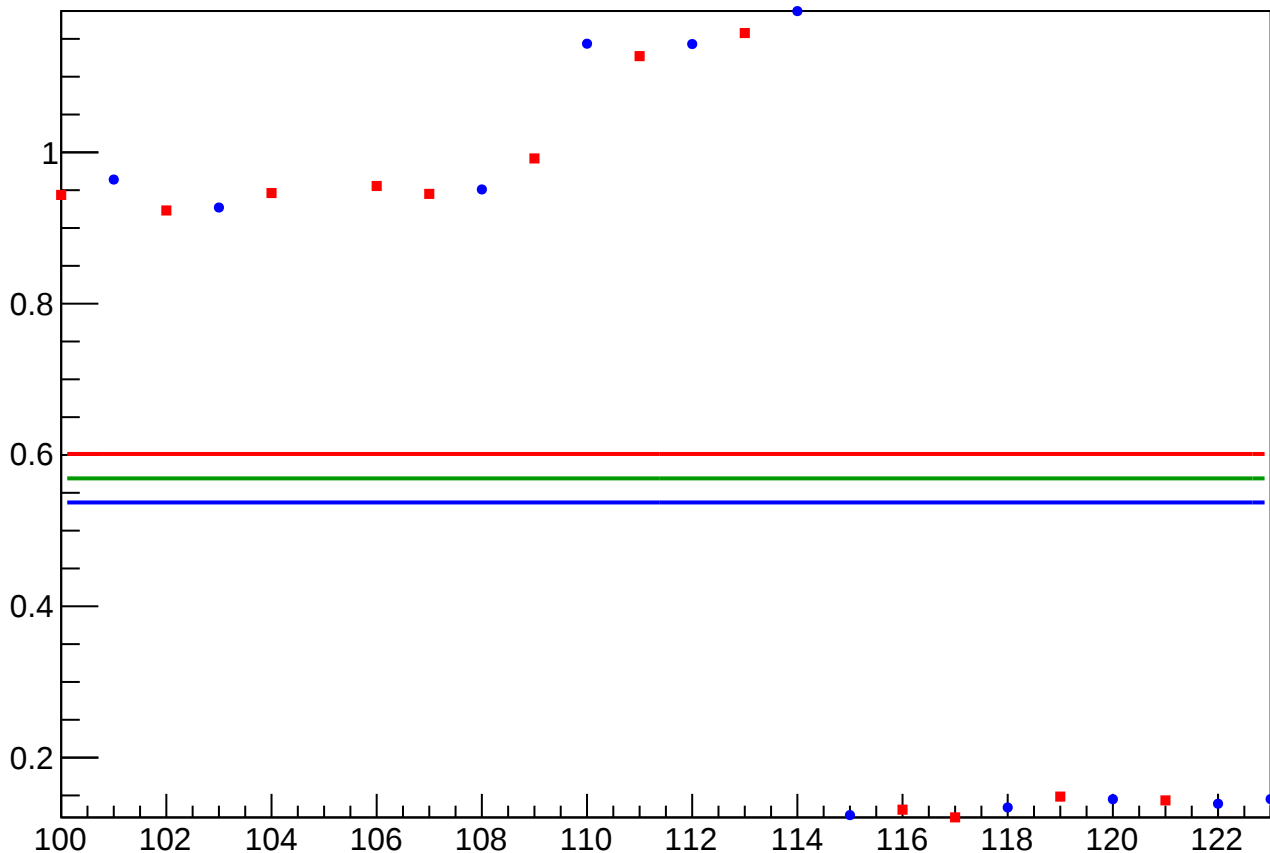
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 990609.4/10

0.021+/-0.000 χ^2/NDF : 2294682.5/22

0.020+/-0.000 χ^2/NDF : 1303449.8/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.537 $\pm$ 0.000 χ^2/NDF : 3154495049.9/10

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

Right Out: 0.601 $\pm$ 0.000 χ^2/NDF : 3003287667.1/11

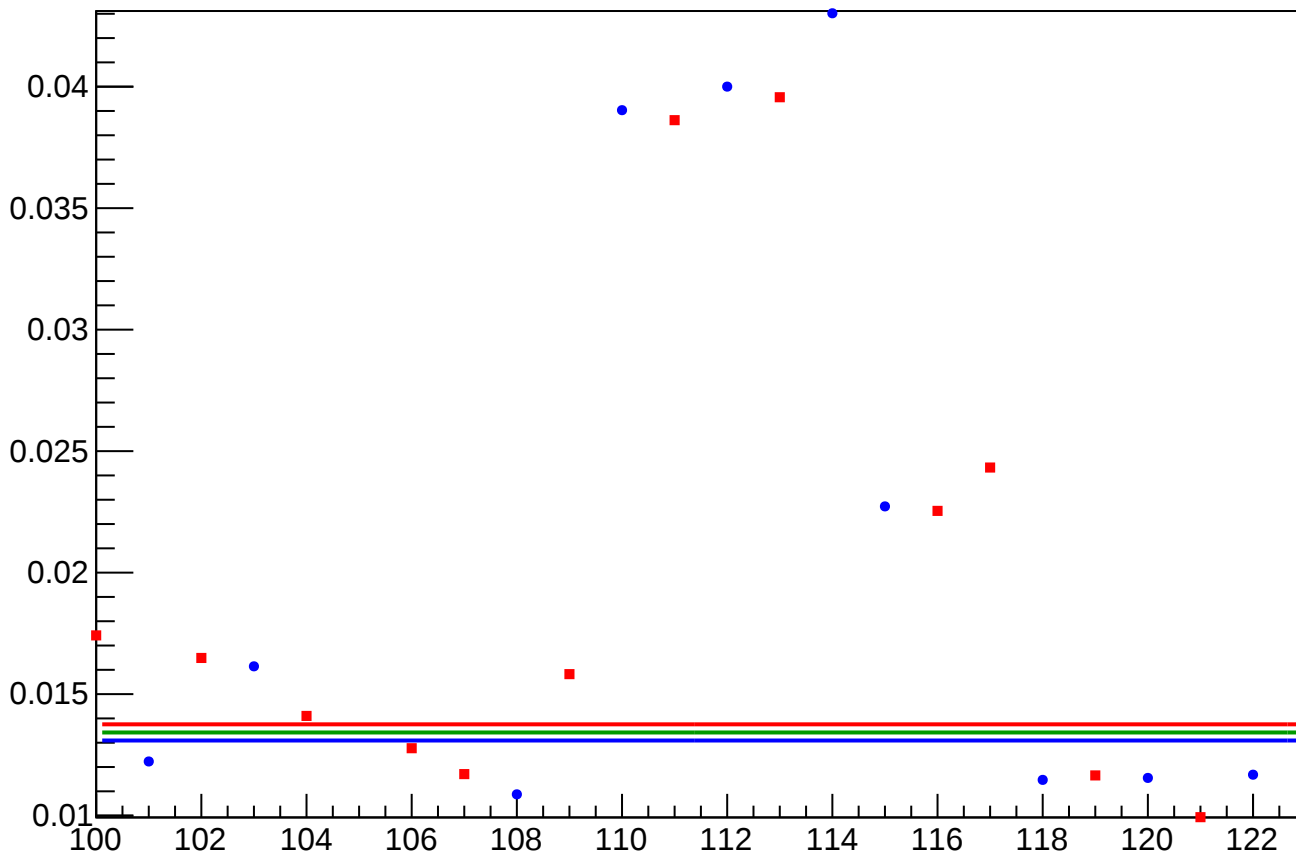
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.537 $\pm$ 0.000 χ^2/NDF : 3154495049.9/10

0.569 $\pm$ 0.000 χ^2/NDF : 6195461554.1/22

0.601 $\pm$ 0.000 χ^2/NDF : 3003287667.1/11

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 947698.0/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 997468.5/11

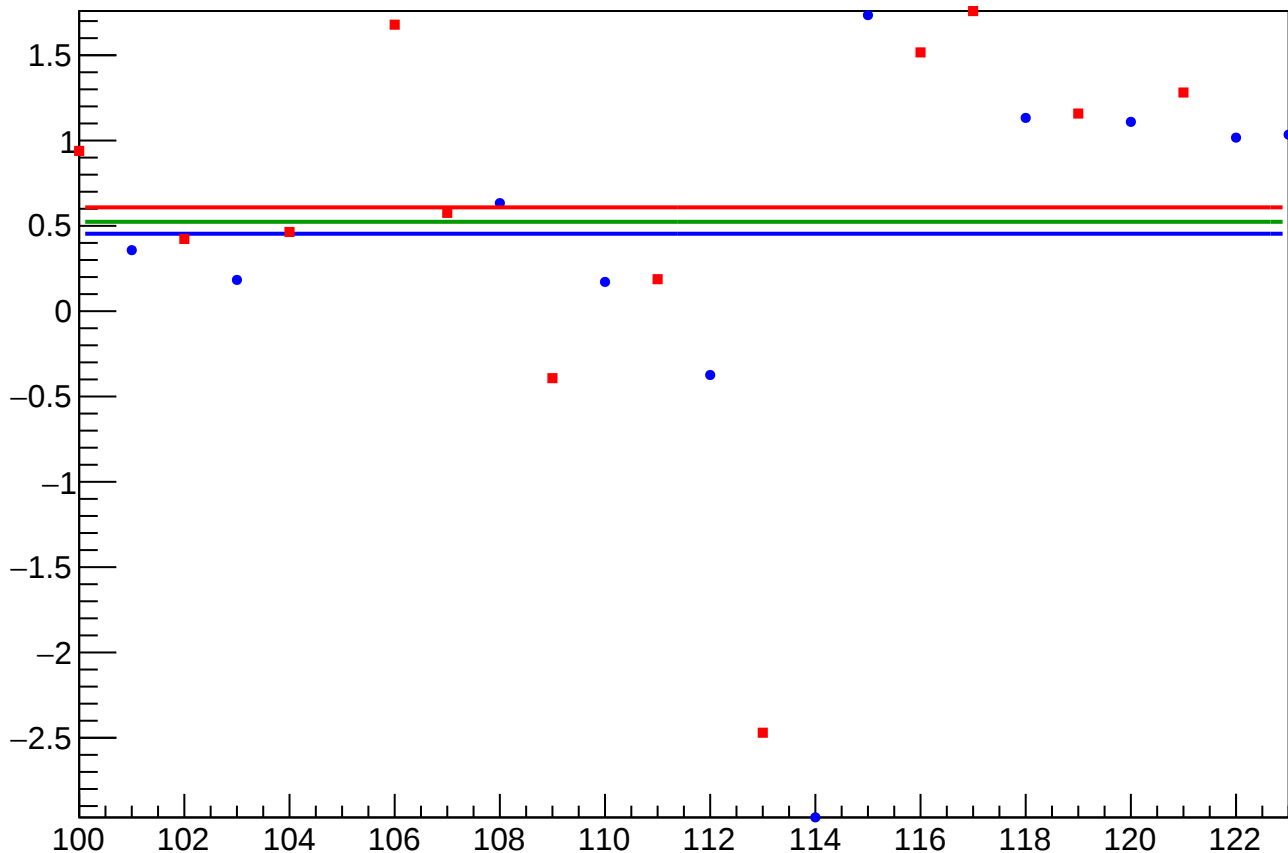
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 947698.0/10

0.013+/-0.000 χ^2/NDF : 1953293.0/22

0.014+/-0.000 χ^2/NDF : 997468.5/11

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.454+/-0.000 χ^2/NDF : 208422376.8/10

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

Right Out: 0.608+/-0.000 χ^2/NDF : 875473658.8/11

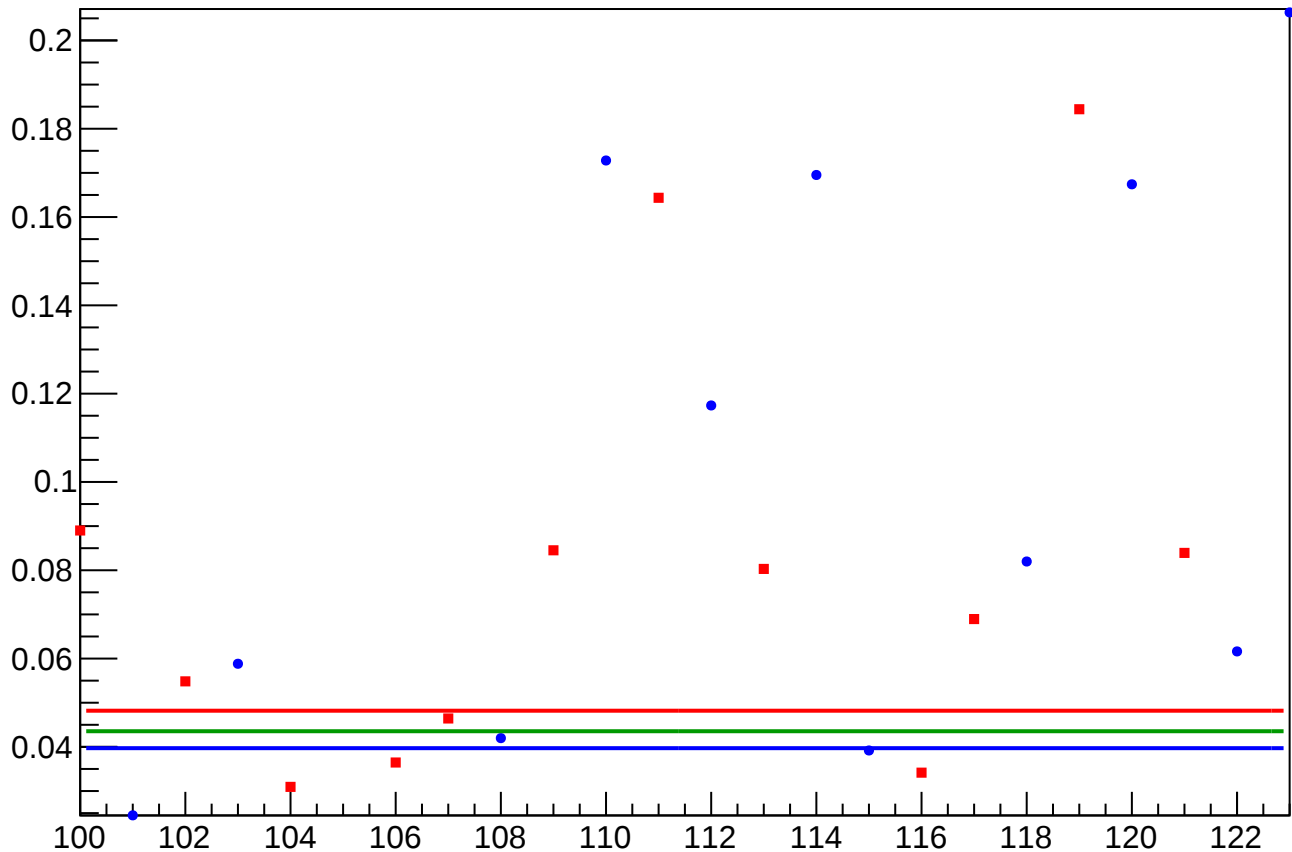
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.454+/-0.000 χ^2/NDF : 208422376.8/10

0.524+/-0.000 χ^2/NDF : 1098483819.4/22

0.608+/-0.000 χ^2/NDF : 875473658.8/11

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 1974884.2/10

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

Right Out: 0.048+/-0.000 χ^2/NDF : 1654275.6/11

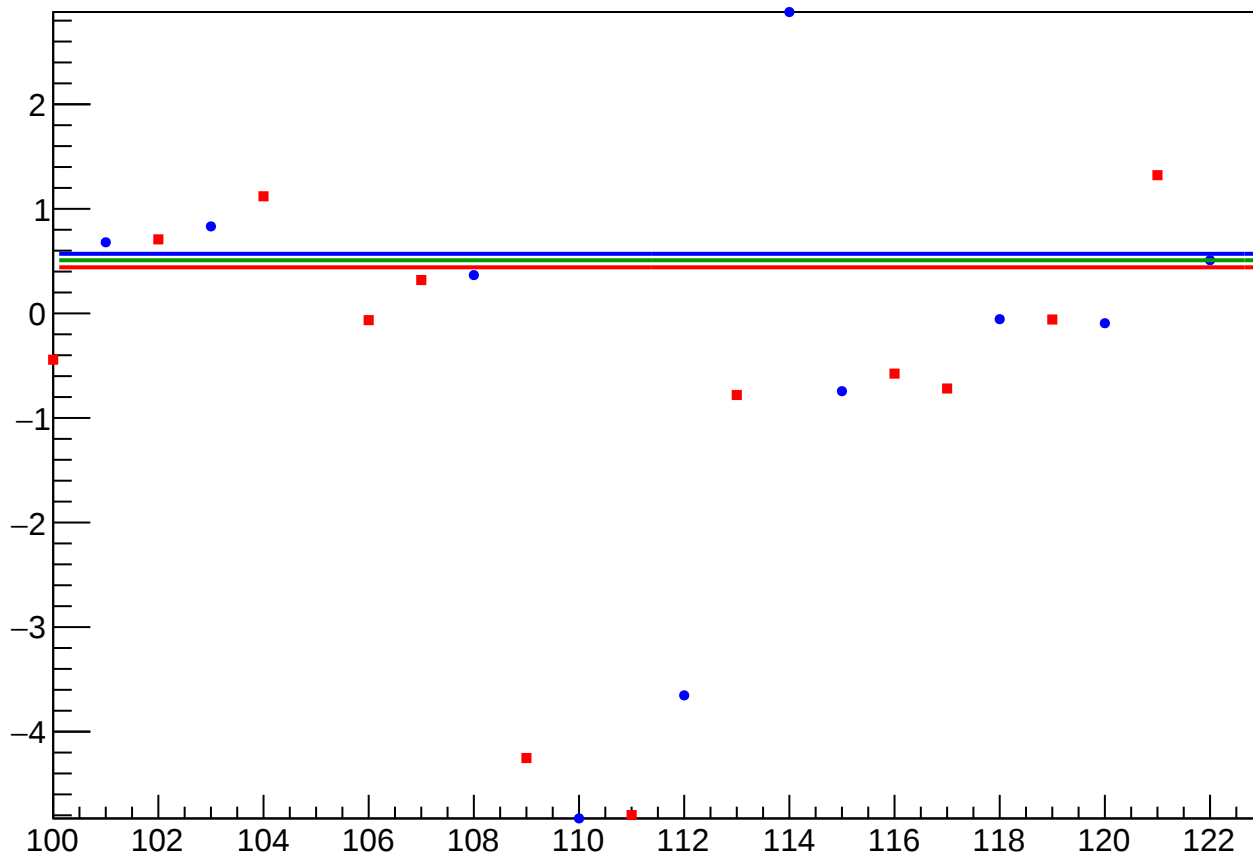
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.040+/-0.000 χ^2/NDF : 1974884.2/10

0.044+/-0.000 χ^2/NDF : 3717135.0/22

0.048+/-0.000 χ^2/NDF : 1654275.6/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.570+/-0.000 χ^2/NDF : 1611125489.6/10

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

Right Out: 0.441+/-0.000 χ^2/NDF : 3676723302.0/11

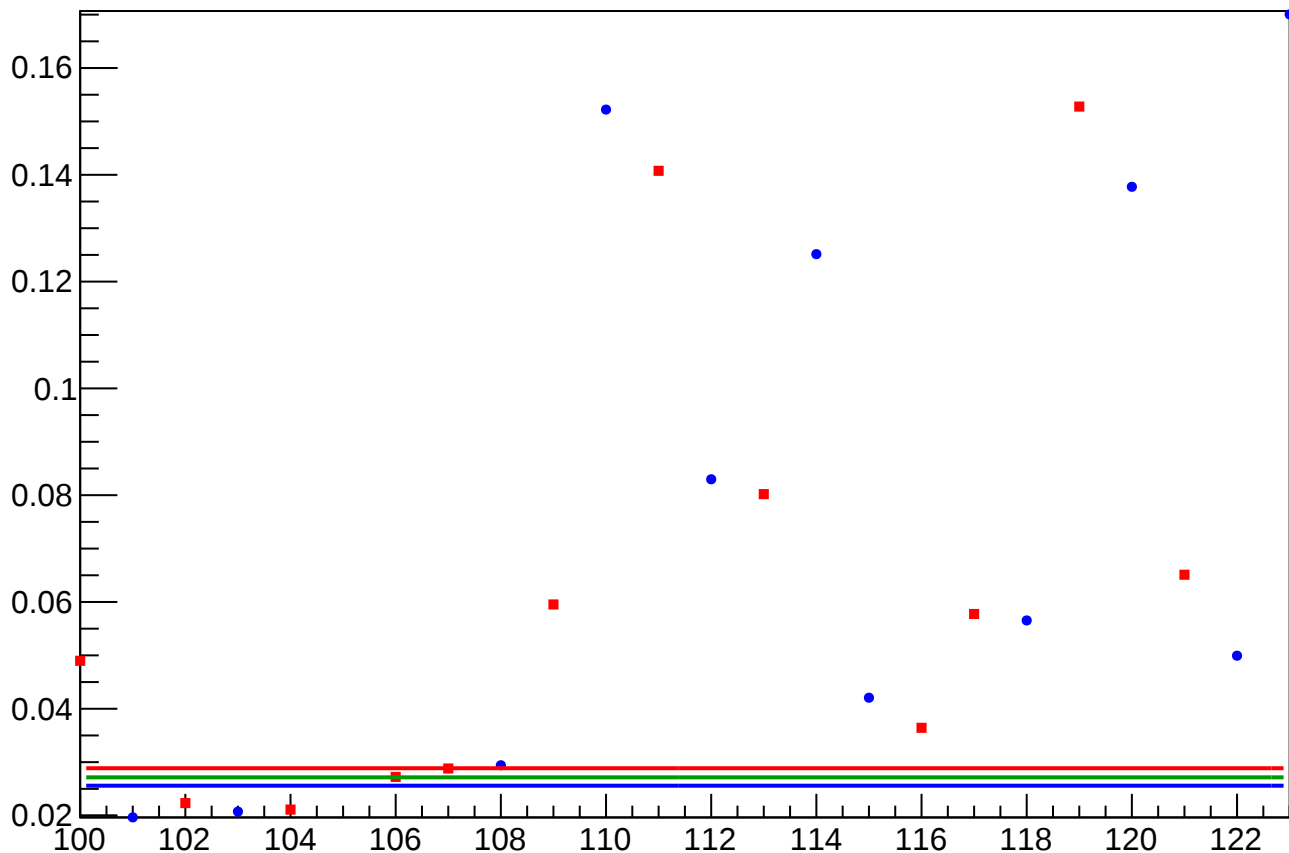
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.570+/-0.000 χ^2/NDF : 1611125489.6/10

0.508+/-0.000 χ^2/NDF : 5313912510.0/22

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 : 1843032.5/10

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

Right Out: 0.029+/-0.000 χ^2/NDF : 2071634.3/11

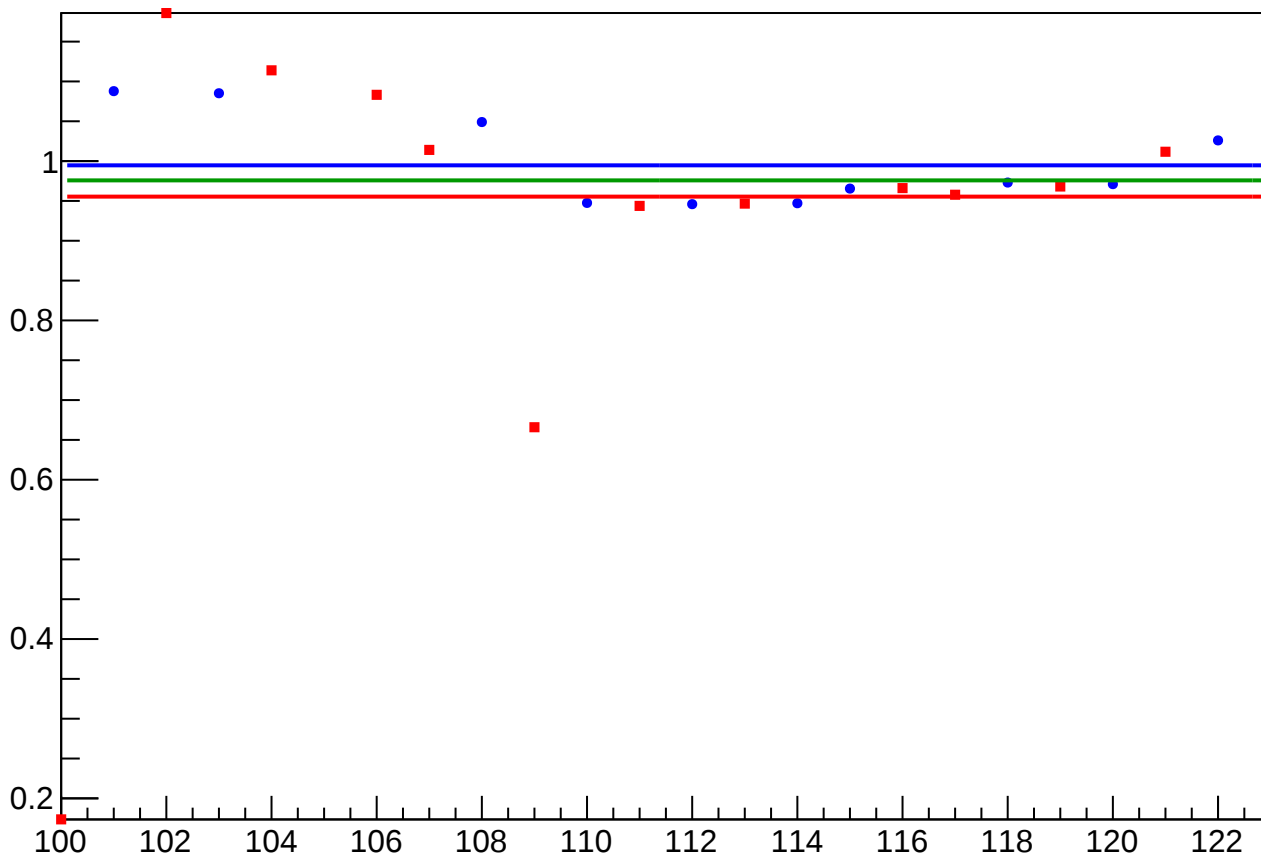
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.000 χ^2/NDF : 1843032.5/10

0.027+/-0.000 χ^2/NDF : 3948104.2/22

0.029+/-0.000 χ^2/NDF : 2071634.3/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.995+/-0.000 χ^2/NDF : 43606967.9/10

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

Right Out: 0.955+/-0.000 χ^2/NDF : 265136439.4/11

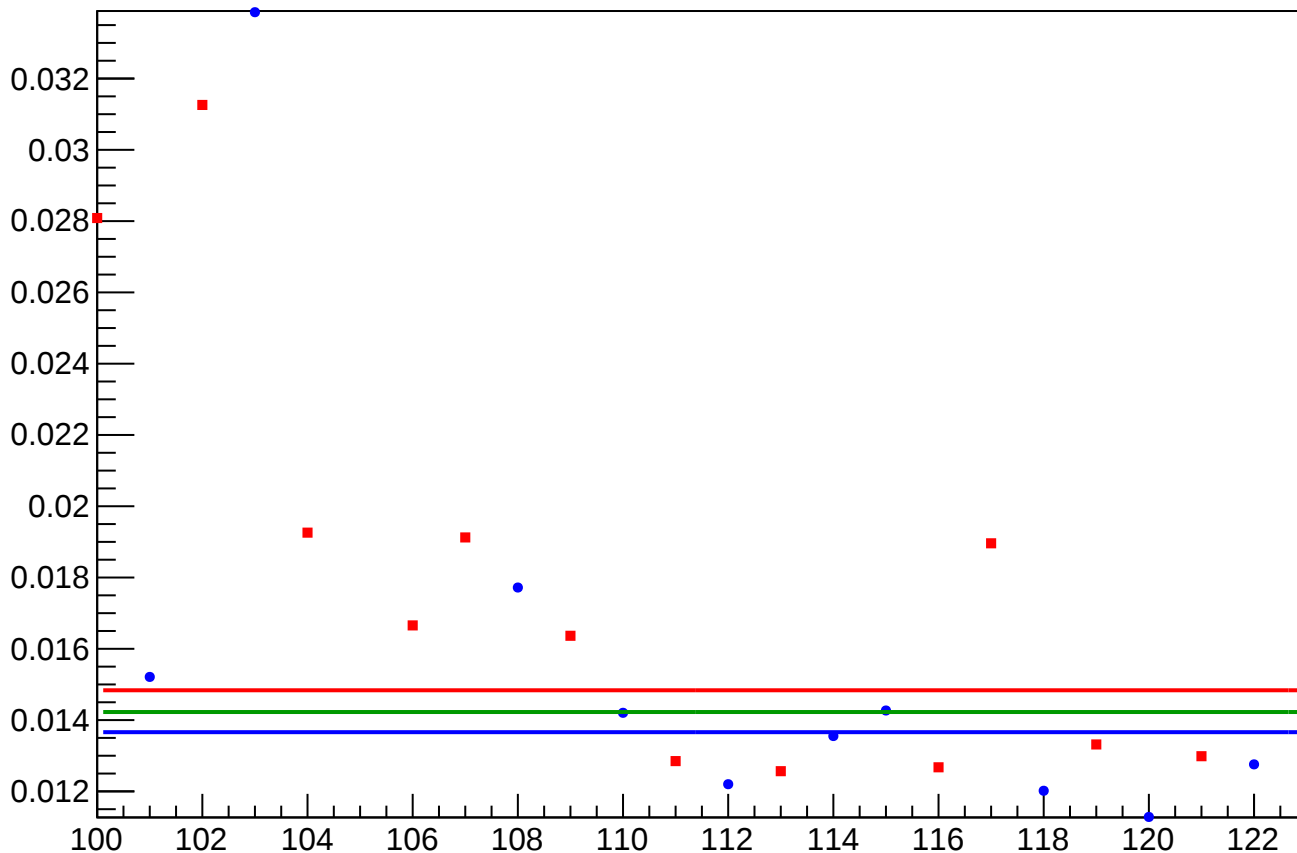
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.995+/-0.000 χ^2/NDF : 43606967.9/10

0.976+/-0.000 χ^2/NDF : 321665898.0/22

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 : 477838.4/10

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

Right Out: 0.015+/-0.000 χ^2/NDF : 467394.4/11

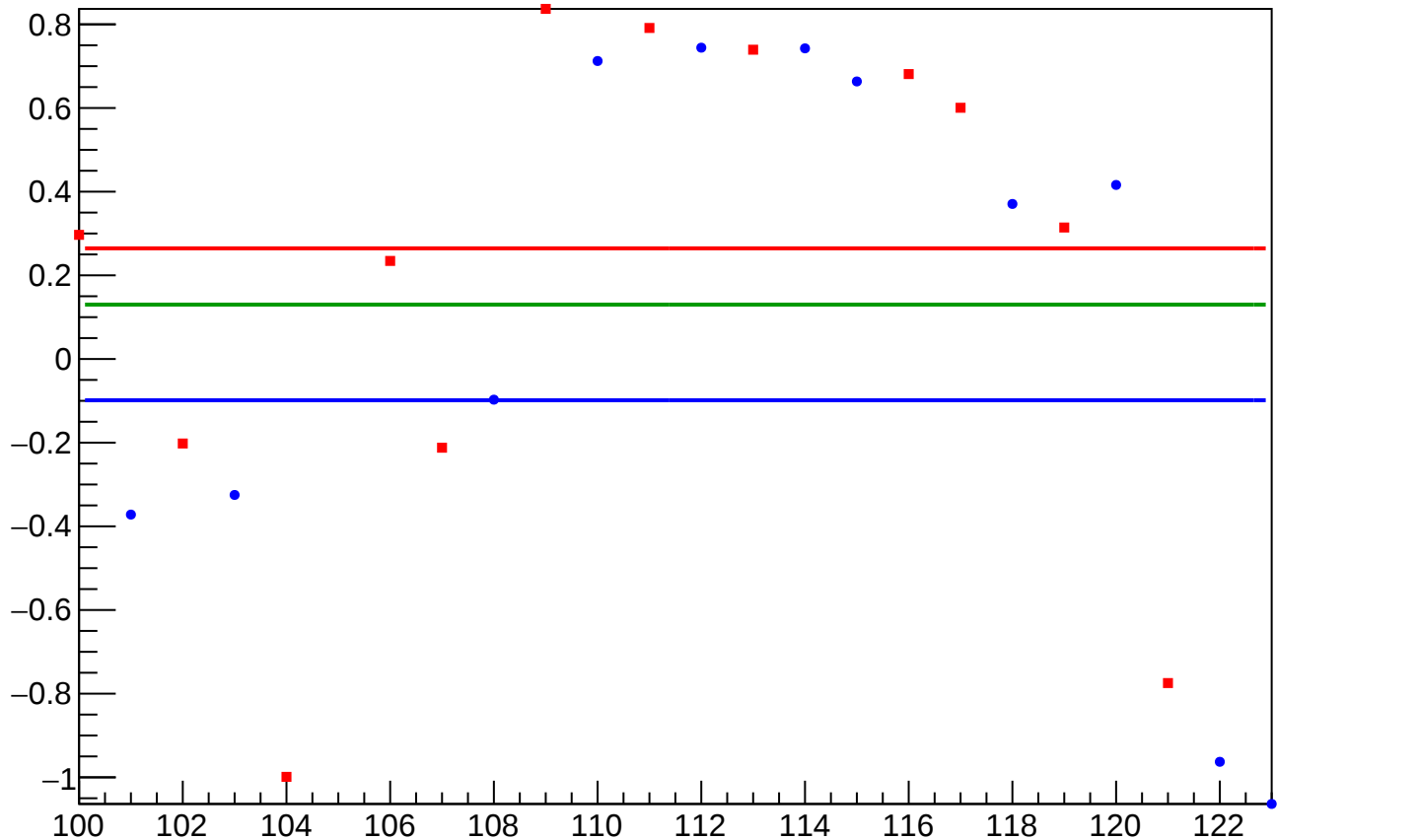
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 477838.4/10

0.014+/-0.000 χ^2/NDF : 968389.7/22

0.015+/-0.000 χ^2/NDF : 467394.4/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.099+/-0.000 χ^2/NDF : 3576442393.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.265+/-0.000 χ^2/NDF : 7948642317.3/11

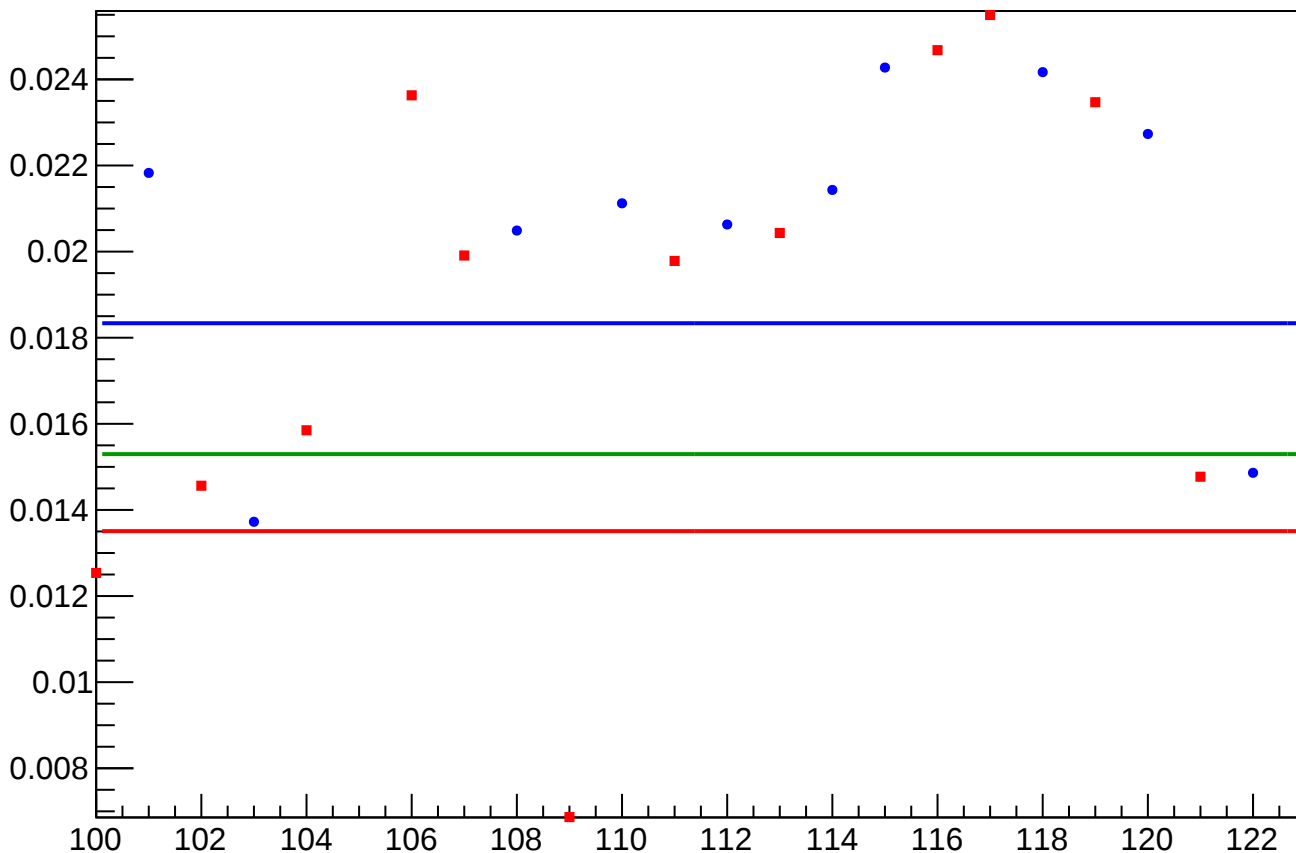
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.099+/-0.000 χ^2/NDF : 3576442393.7/10

0.130+/-0.000 χ^2/NDF : 12373535880.1/2

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 : 326033.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1259312.0/11

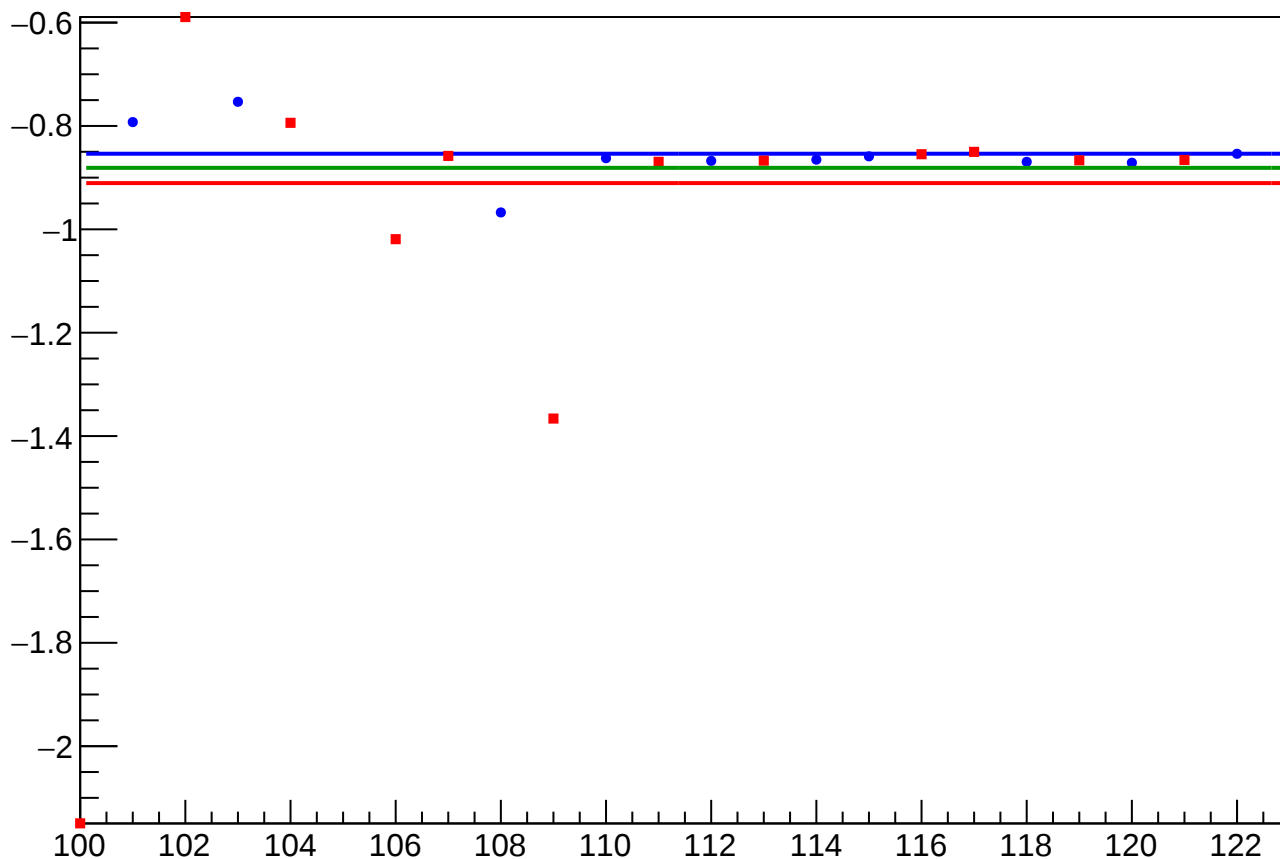
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 326033.2/10

0.015+/-0.000 χ^2/NDF : 1885480.5/22

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 : 6279437.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.911+/-0.000 χ^2/NDF : 109076604.5/11

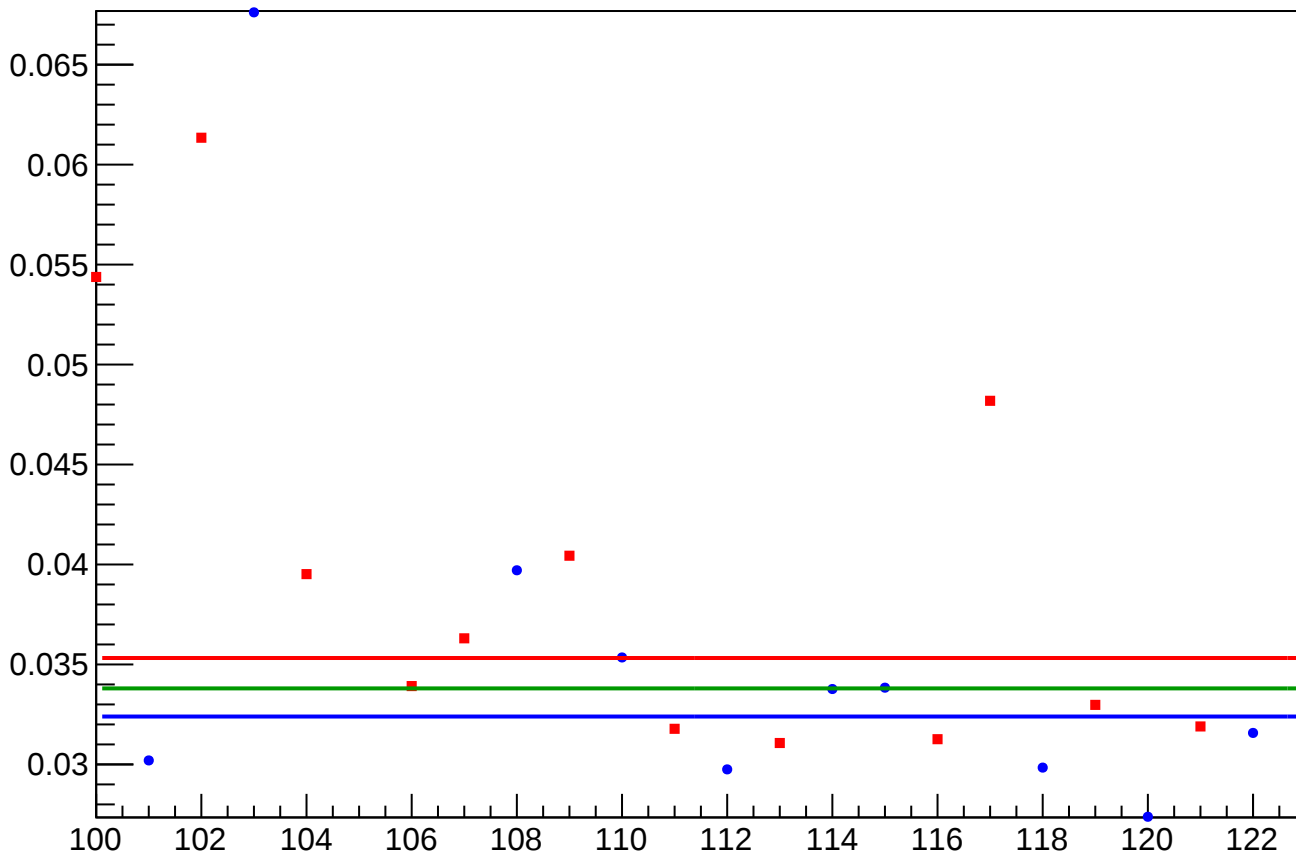
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.854+/-0.000 χ^2/NDF : 6279437.3/10

-0.881+/-0.000 χ^2/NDF : 120230380.0/22

-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 : 344355.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 261632.6/11

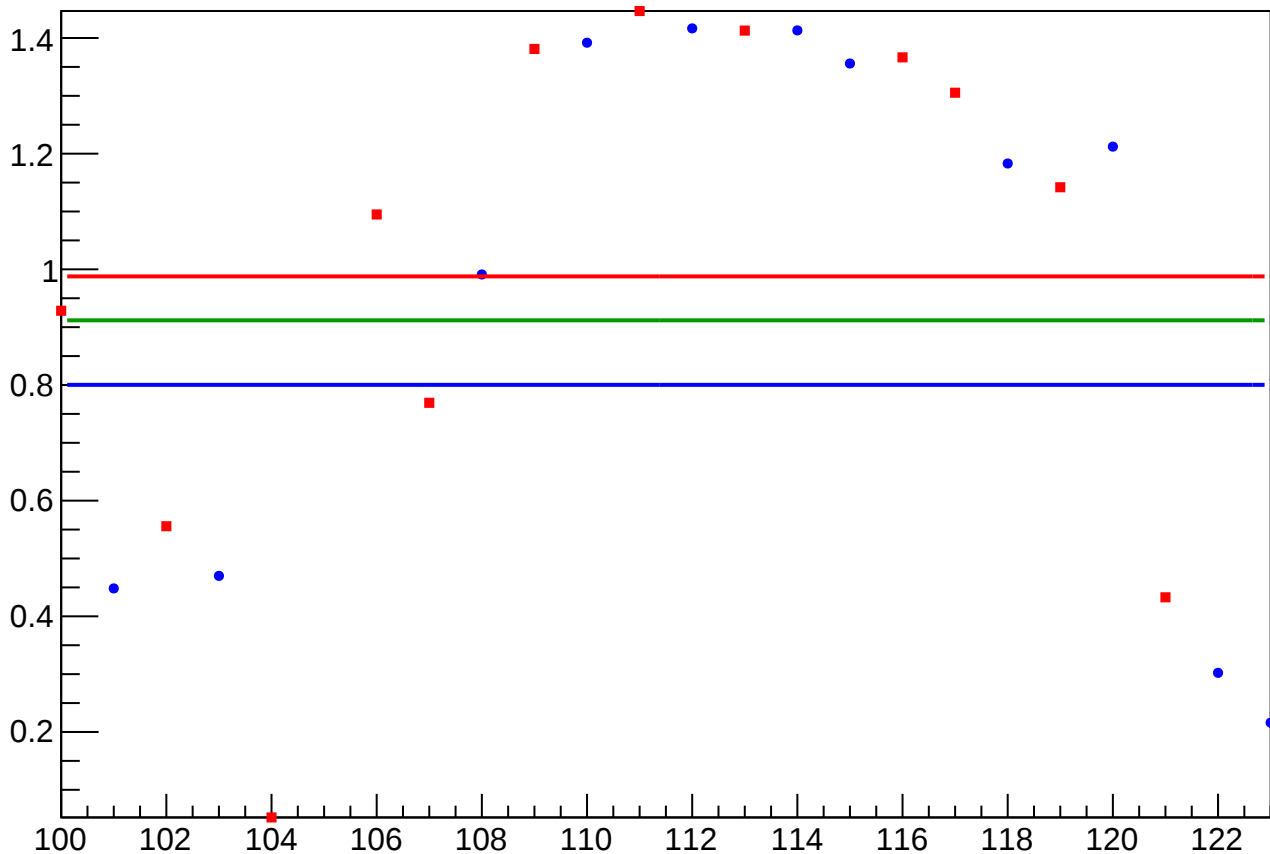
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.032+/-0.000 χ^2/NDF : 344355.3/10

0.034+/-0.000 χ^2/NDF : 631844.2/22

0.035+/-0.000 χ^2/NDF : 261632.6/11

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.800+/-0.000 χ^2/NDF : 4370812457.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.988+/-0.000 χ^2/NDF : 7179808129.8/11

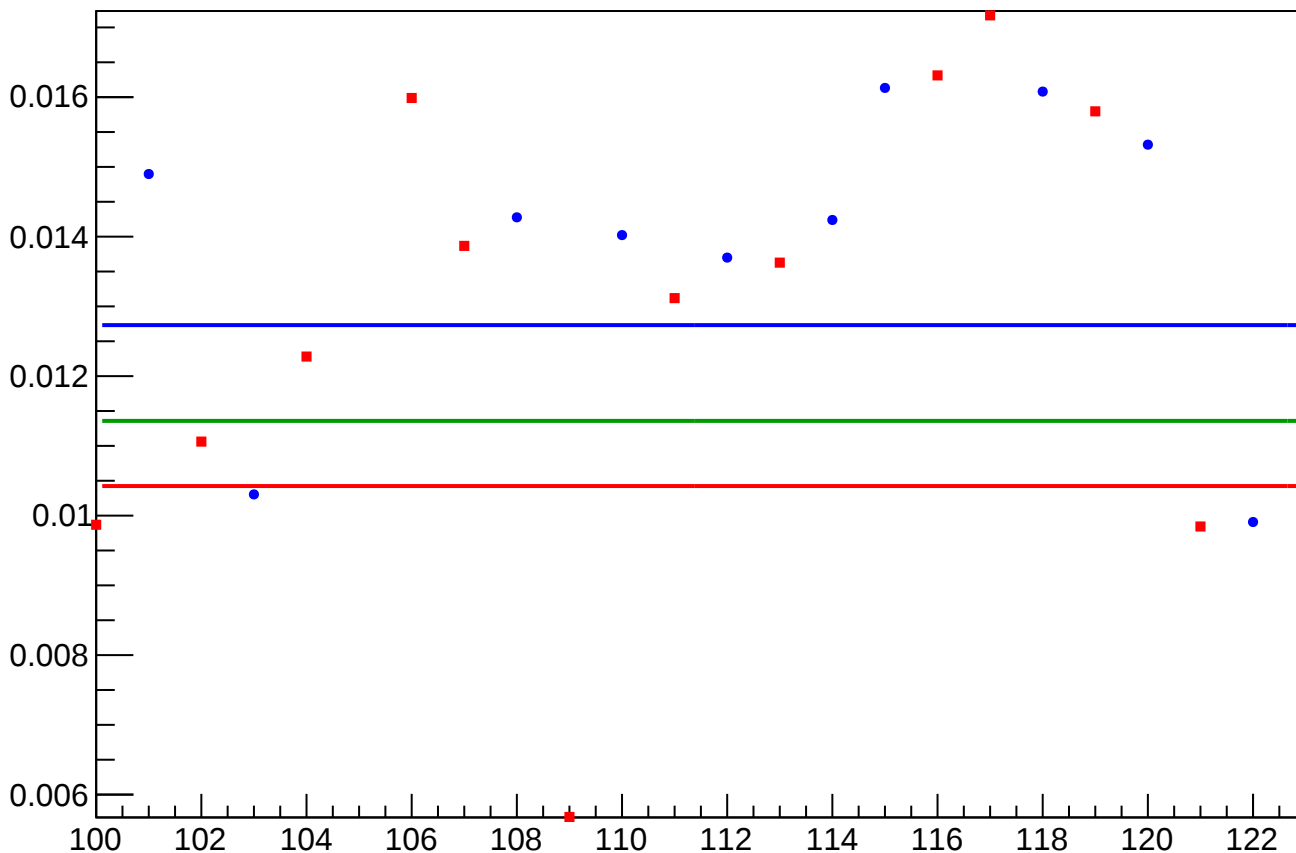
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.800+/-0.000 χ^2/NDF : 4370812457.5/10

0.912+/-0.000 χ^2/NDF : 11996944516.3/2

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 : 242818.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 839617.1/11

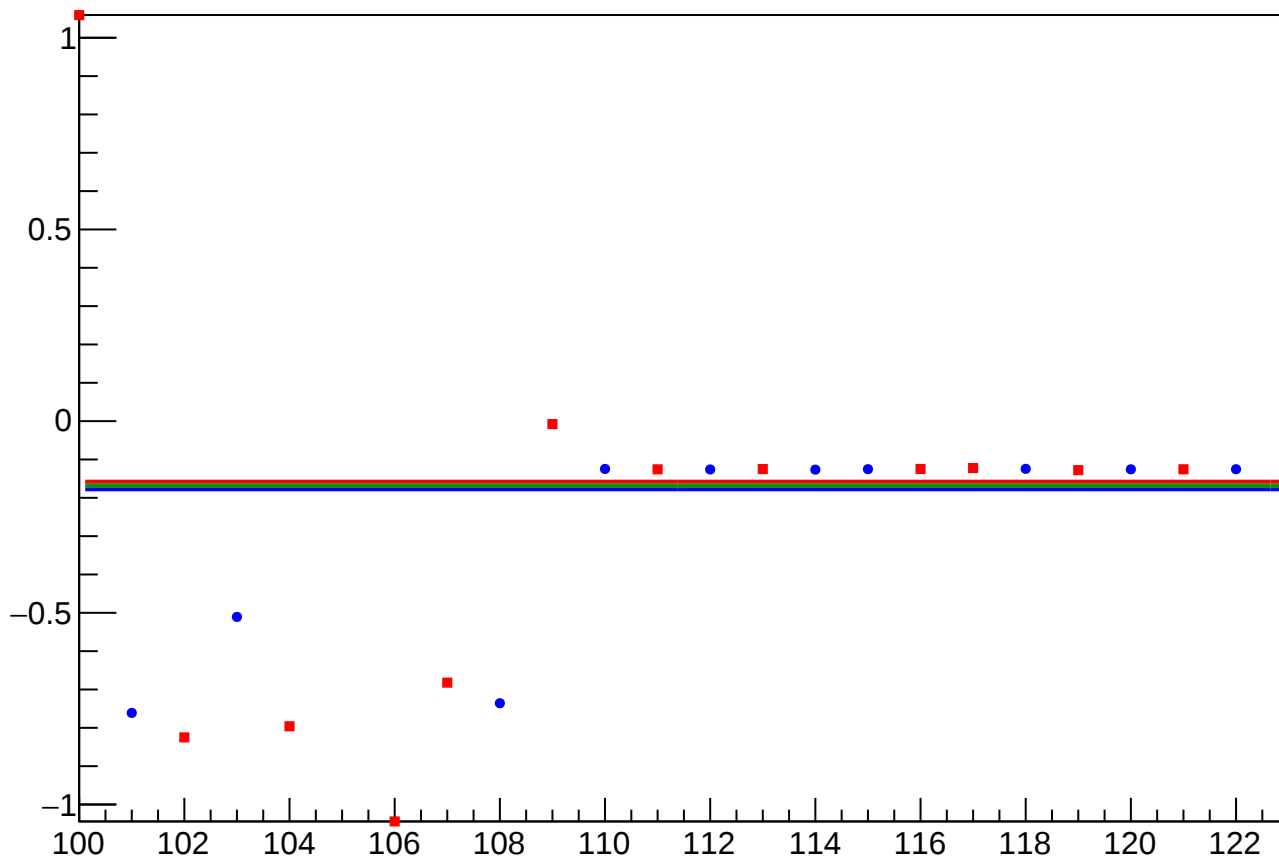
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 242818.0/10

0.011+/-0.000 χ^2/NDF : 1217570.5/22

0.010+/-0.000 χ^2/NDF : 839617.1/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.178+/-0.000 χ^2/NDF : 353667705.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 419451150.0/11

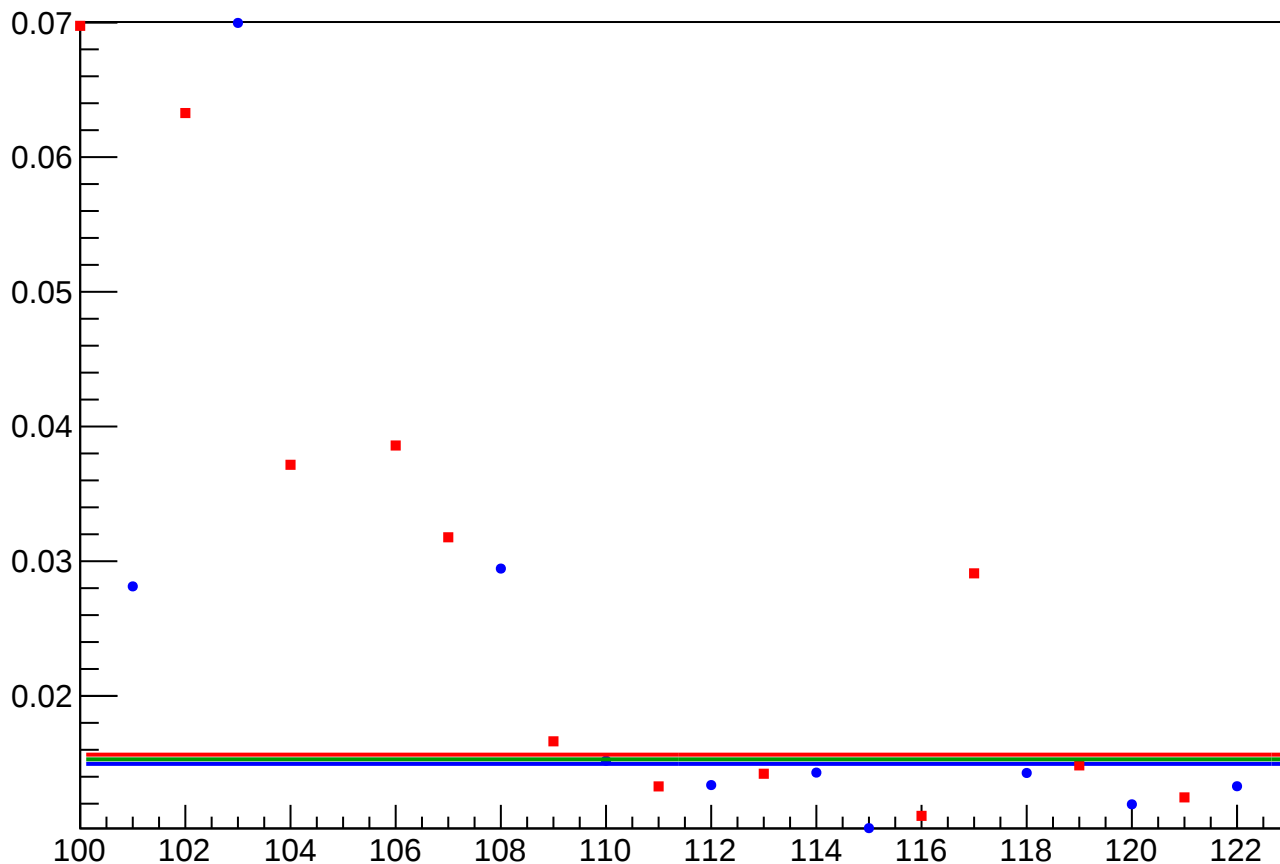
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.178+/-0.000 χ^2/NDF : 353667705.4/10

-0.168+/-0.000 χ^2/NDF : 775471274.7/22

-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 : 1131300.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1329399.0/11

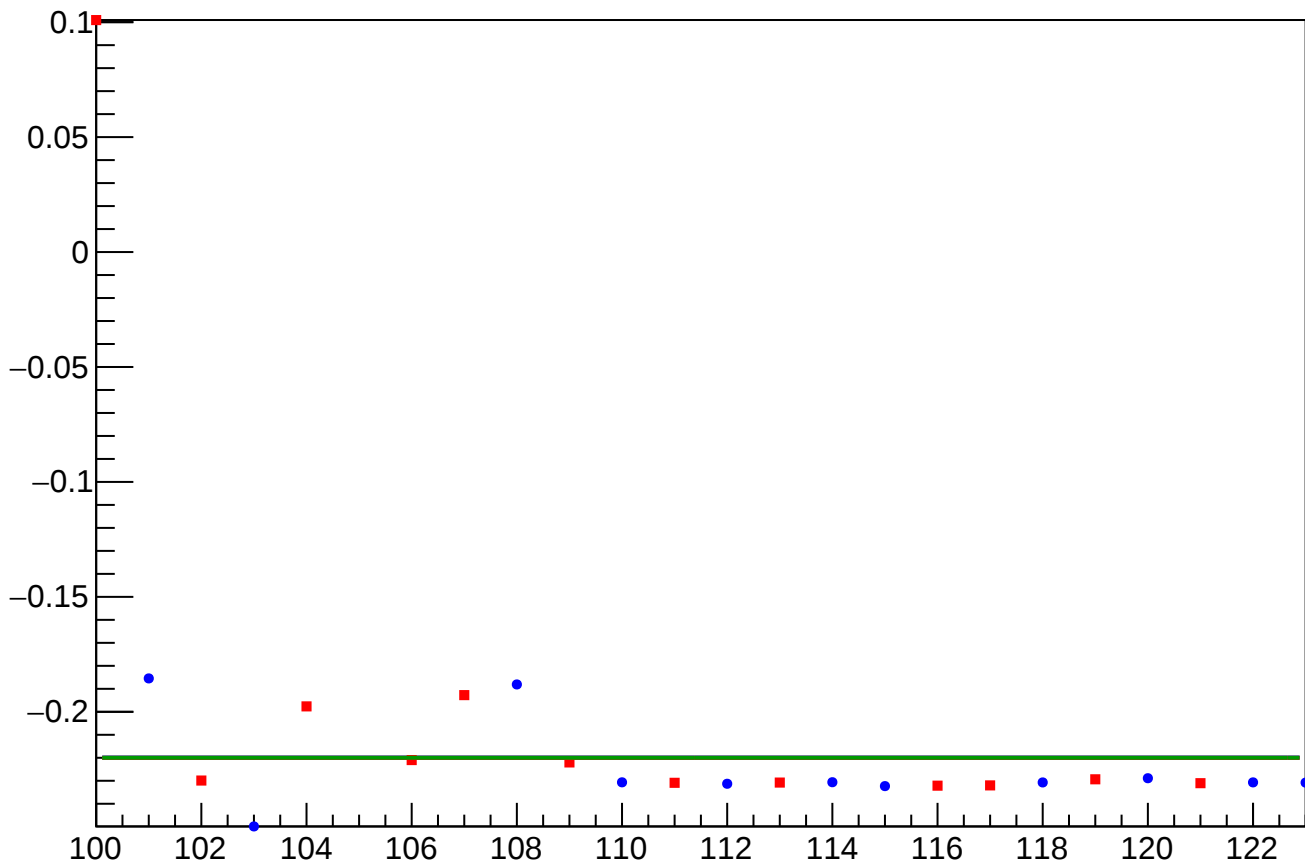
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1131300.6/10

0.015+/-0.000 χ^2/NDF : 2466278.2/22

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 : 68455416.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.220+/-0.000 χ^2/NDF : 162610570.2/11

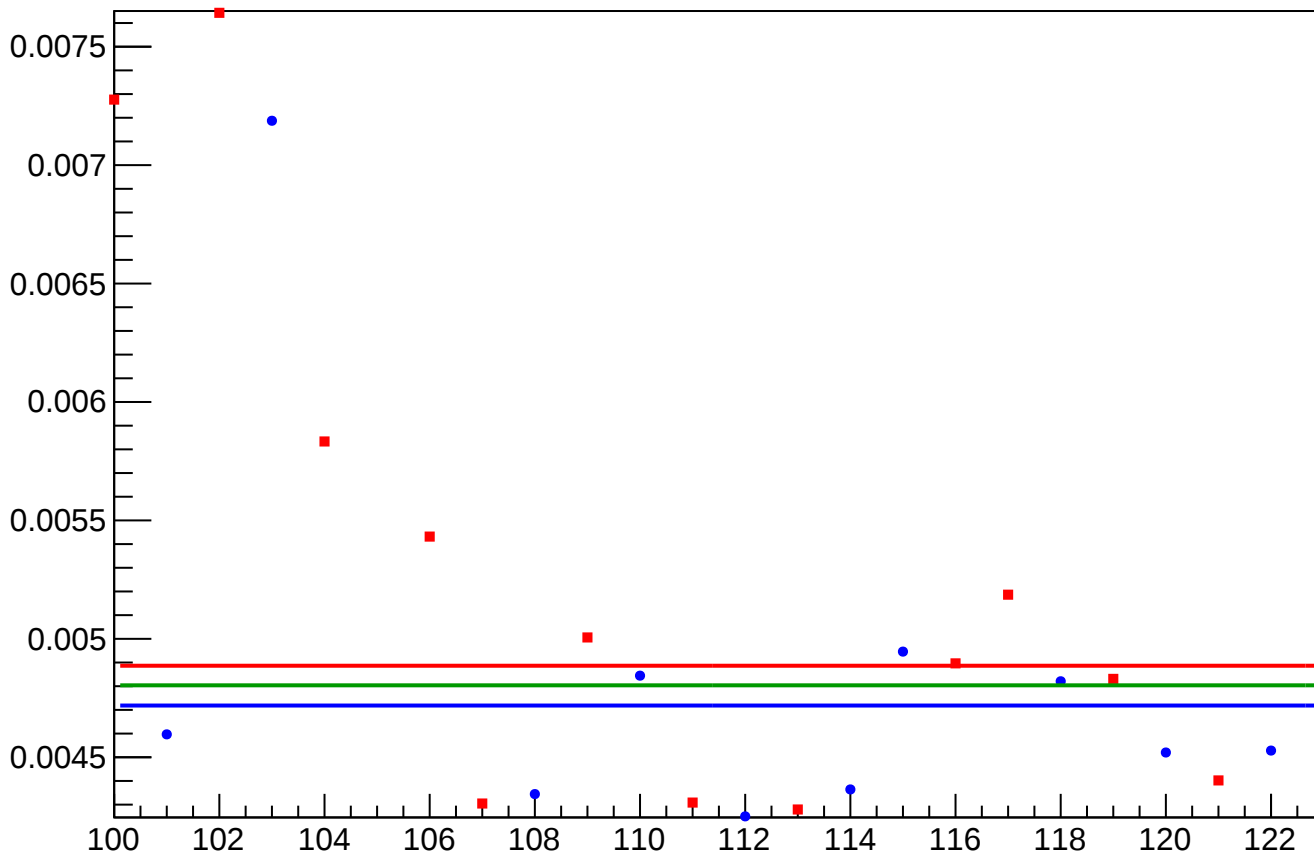
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.220+/-0.000 χ^2/NDF : 68455416.1/10

-0.220+/-0.000 χ^2/NDF : 231066839.5/22

-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 : 146624.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 226048.7/11

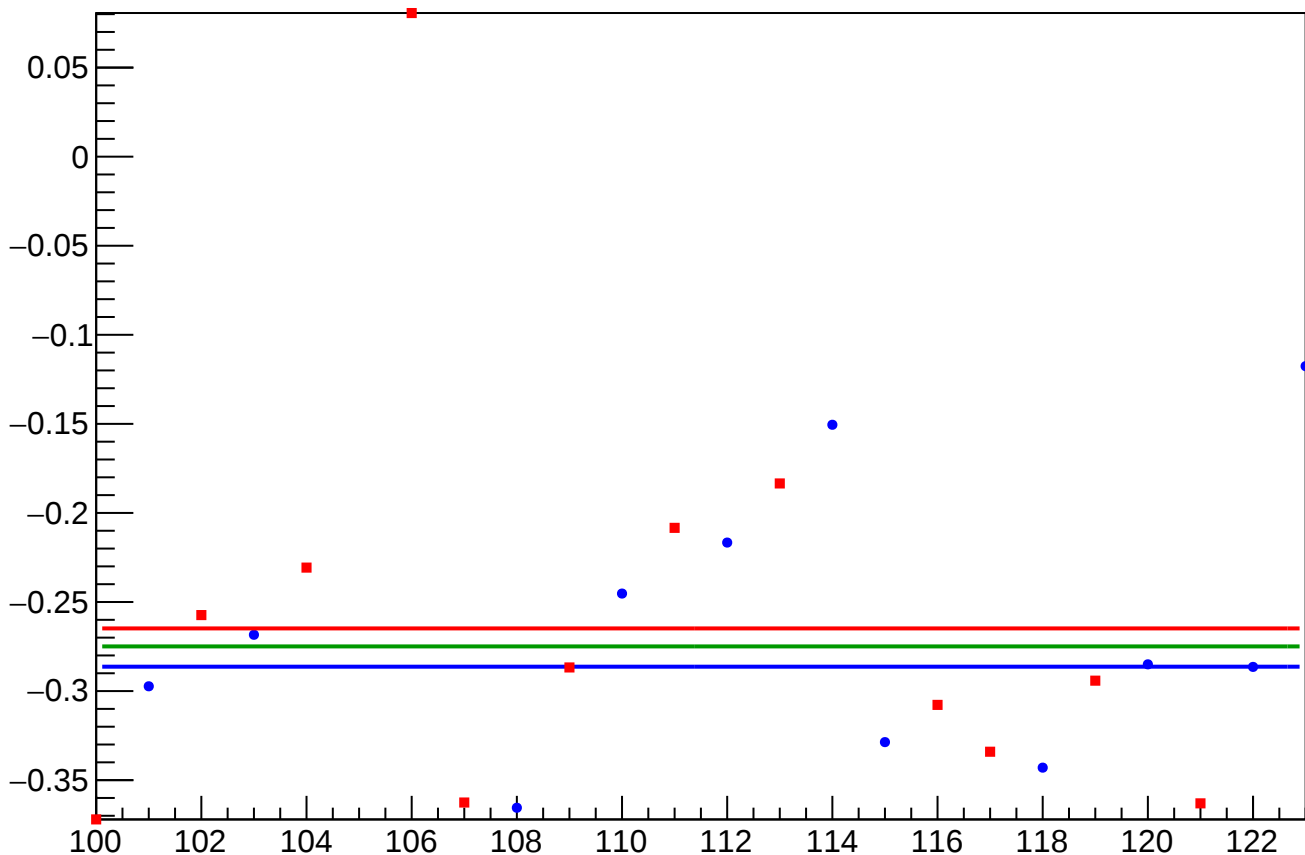
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 146624.9/10

0.005+/-0.000 χ^2/NDF : 377149.3/22

0.005+/-0.000 χ^2/NDF : 226048.7/11

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.286+/-0.000 χ^2 /NDF: 245528650.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.265+/-0.000 χ^2 /NDF: 701207756.4/11

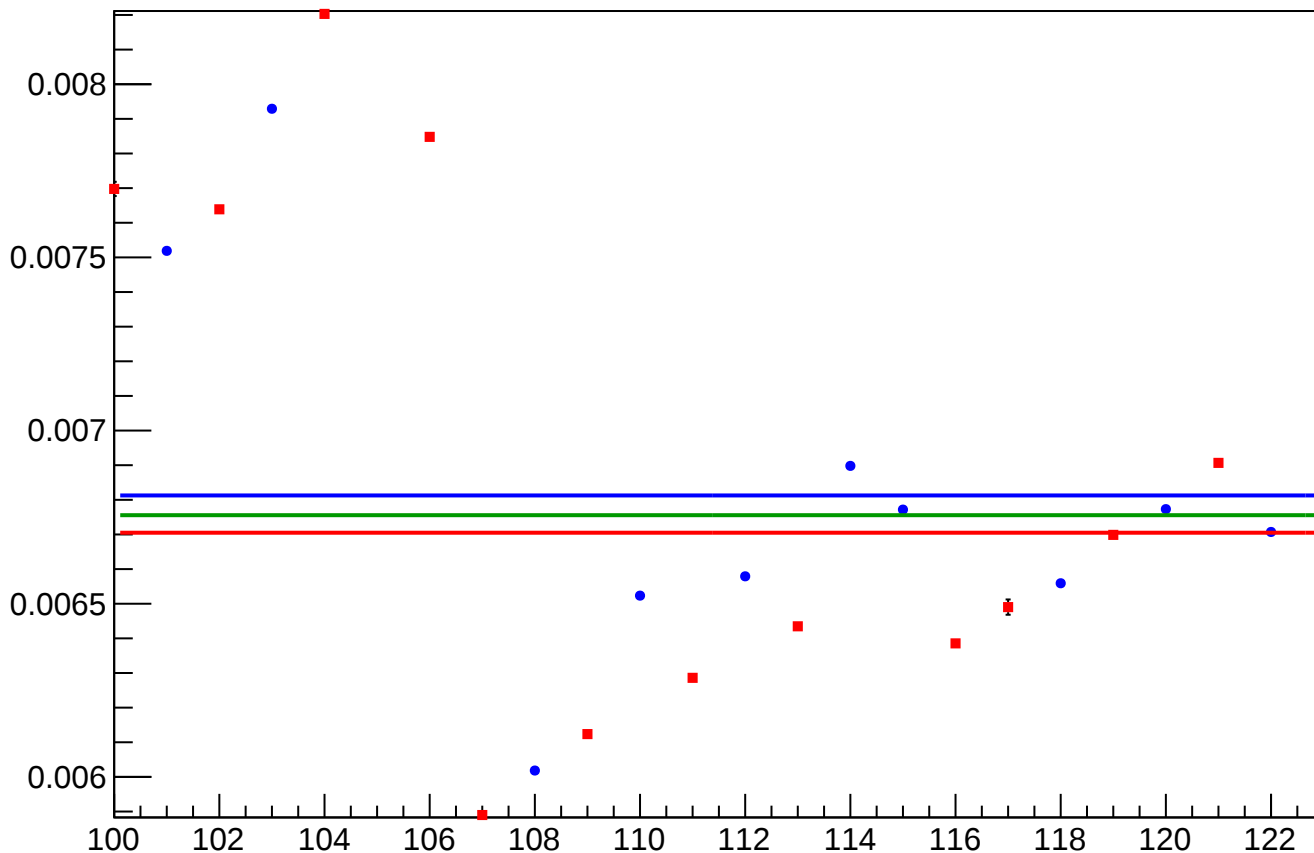
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.286+/-0.000 χ^2 /NDF: 245528650.9/10

-0.275+/-0.000 χ^2 /NDF: 966744551.7/22

-0.265+/-0.000 χ^2 /NDF: 701207756.4/11

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 50086.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 88613.7/11

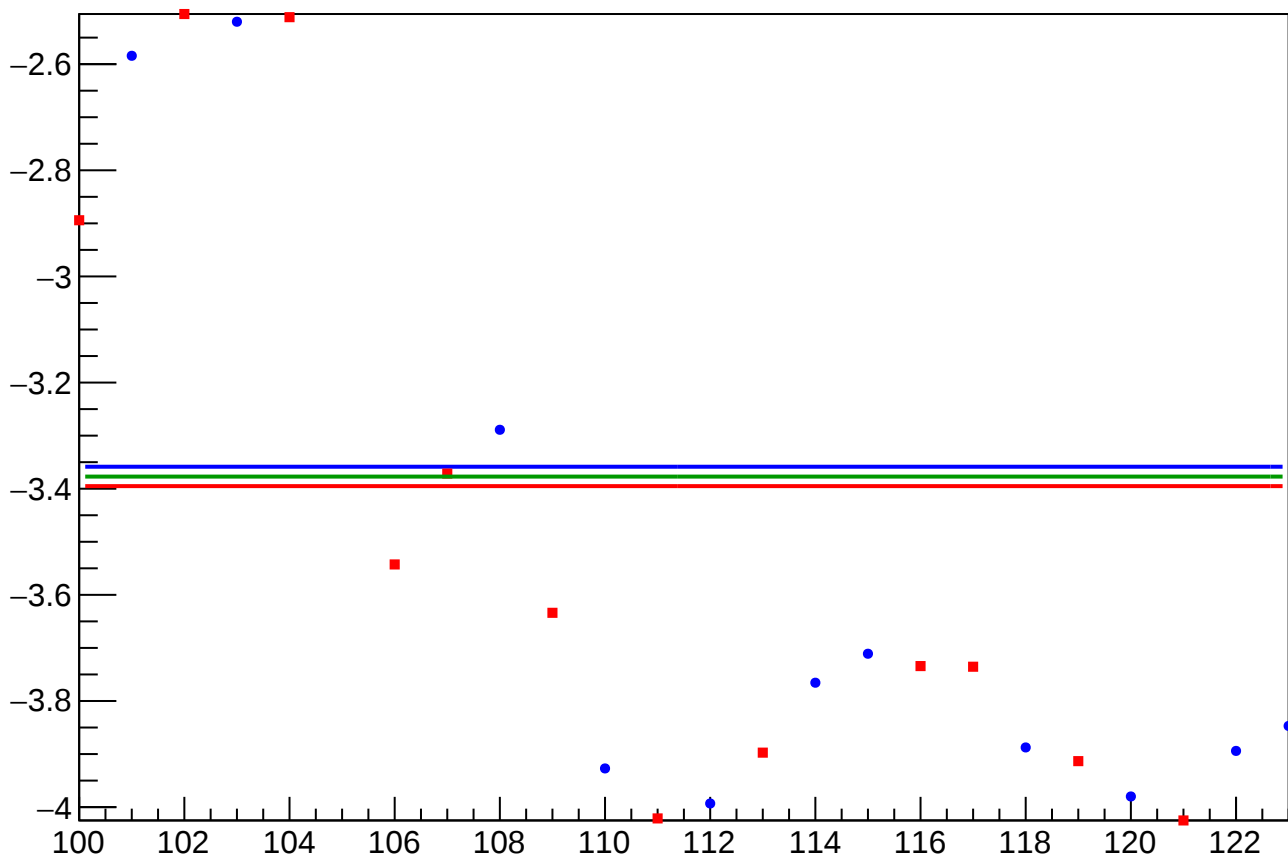
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 50086.7/10

0.007+/-0.000 χ^2/NDF : 139705.1/22

0.007+/-0.000 χ^2/NDF : 88613.7/11

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.359+/-0.000 χ^2/NDF : 24594998797.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.395+/-0.000 χ^2/NDF : 23589320321.9/11

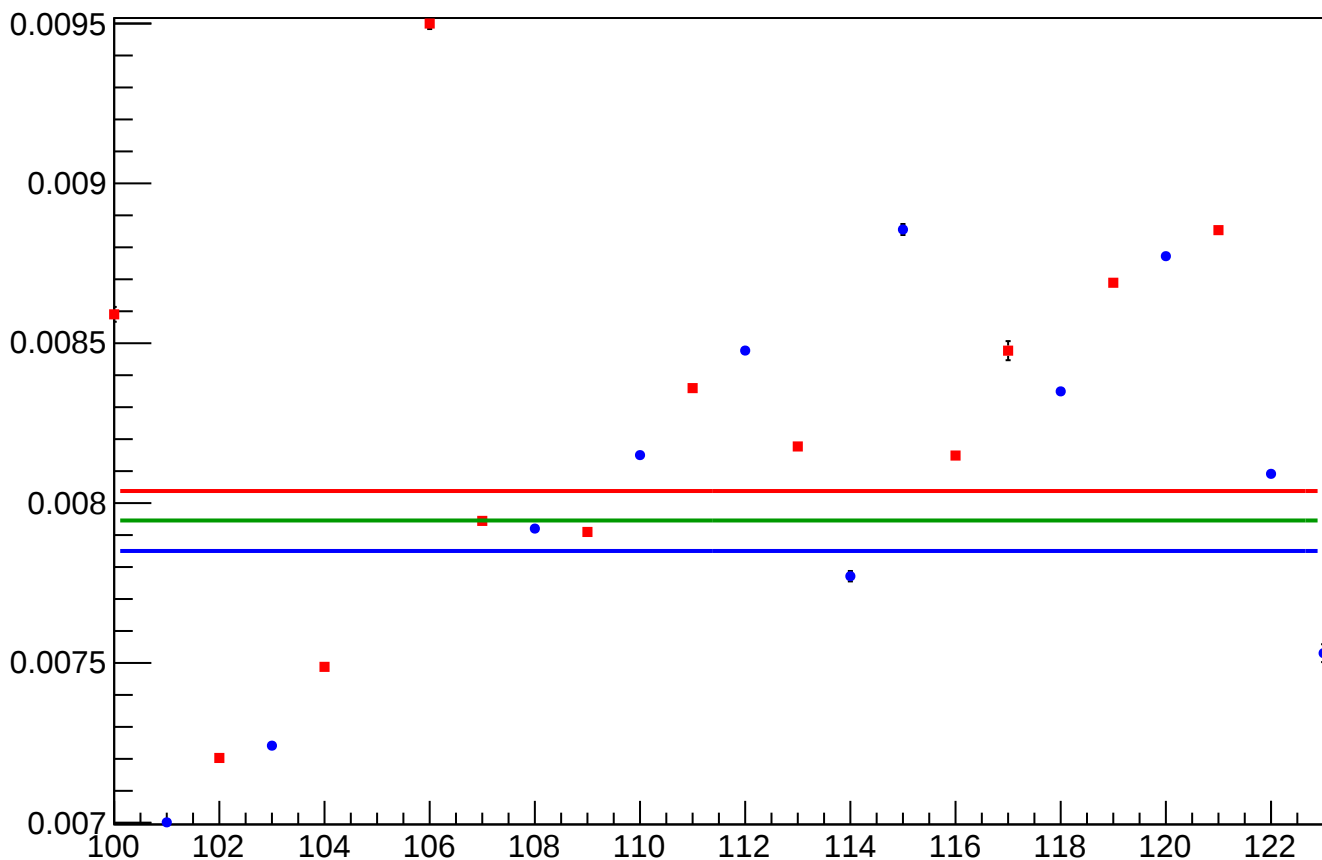
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-3.359+/-0.000 χ^2/NDF : 24594998797.3/10

-3.377+/-0.000 χ^2/NDF : 48225709468.8/10

-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 : 45576.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 41042.7/11

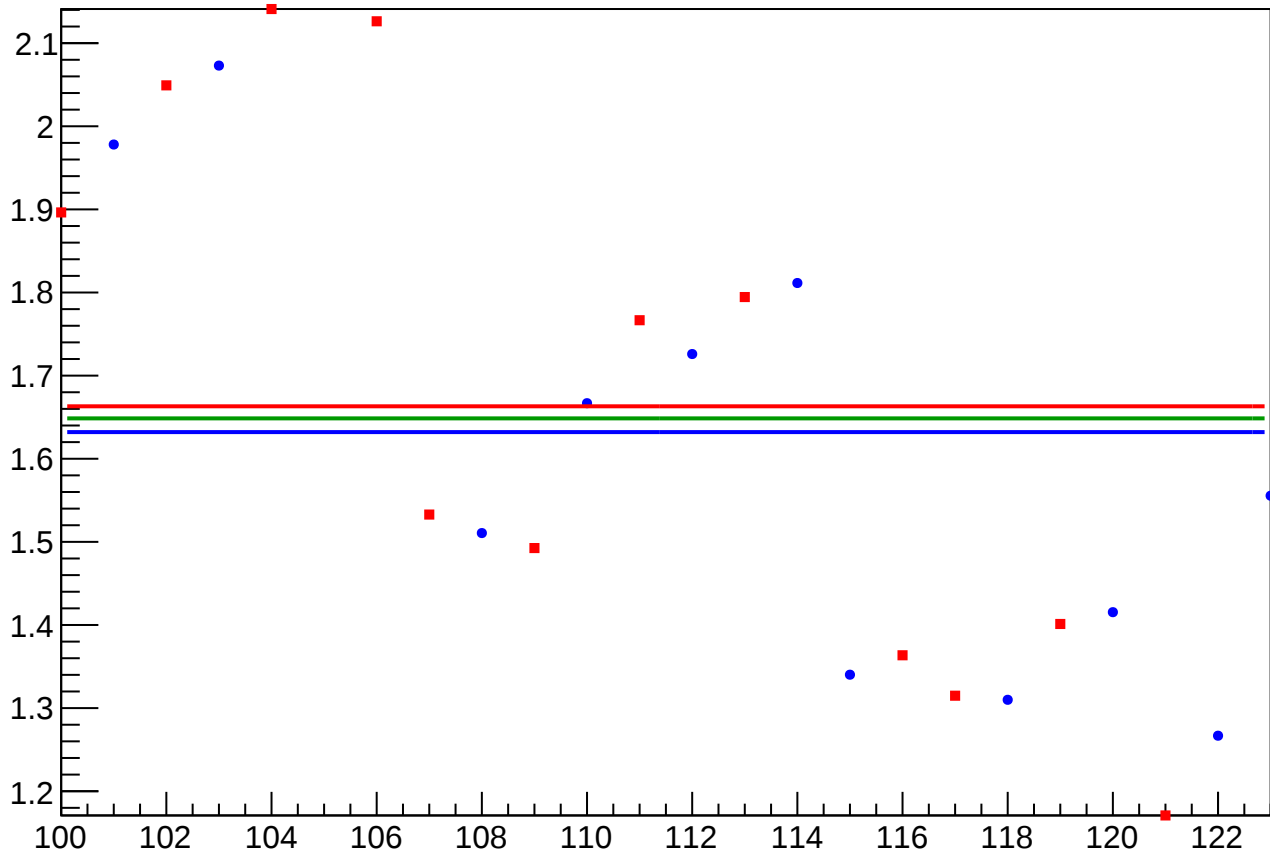
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 45576.8/10

0.008+/-0.000 χ^2/NDF : 88797.3/22

0.008+/-0.000 χ^2/NDF : 41042.7/11

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.632 $\pm$ 0.000 χ^2/NDF : 1941144491.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1.663 $\pm$ 0.000 χ^2/NDF : 2635615999.0/11

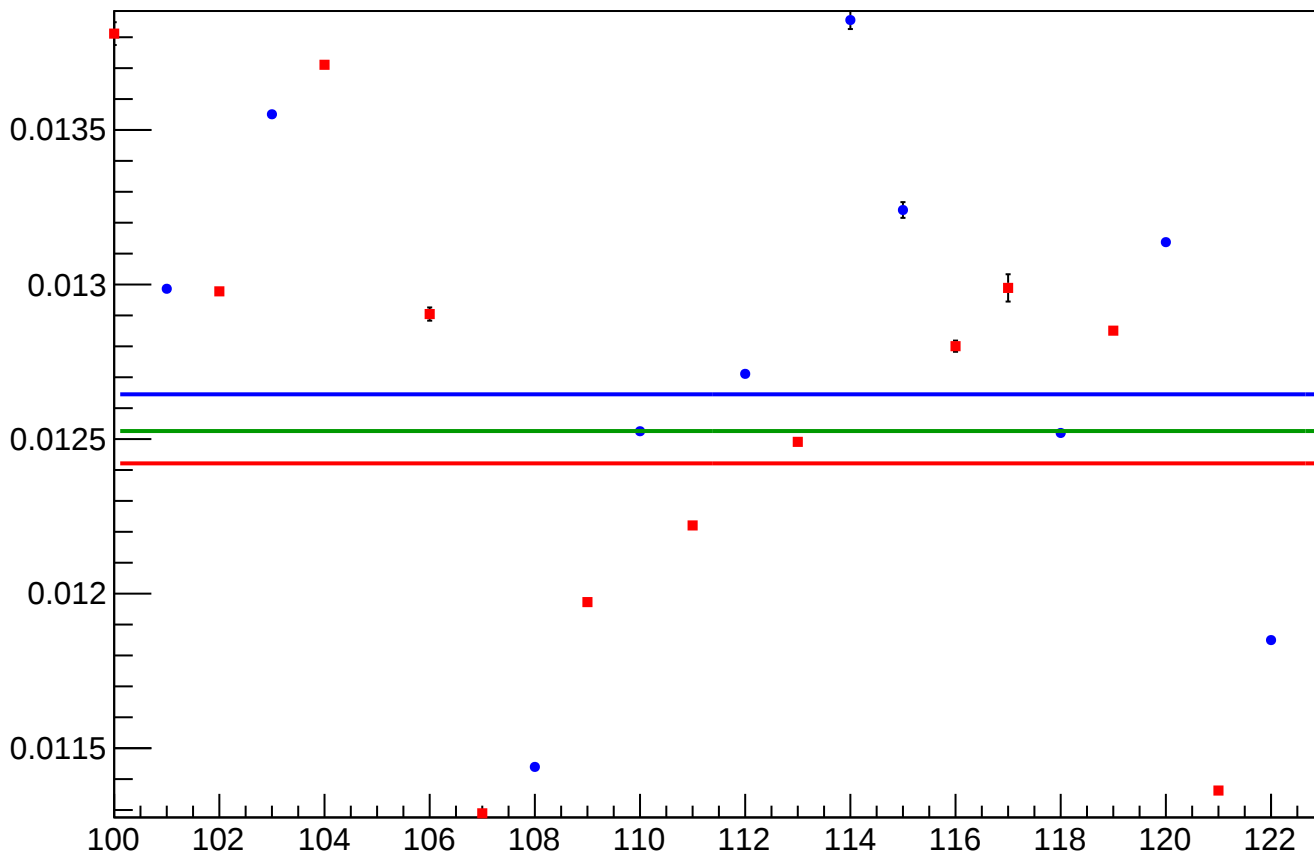
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.632 $\pm$ 0.000 χ^2/NDF : 1941144491.2/10

1.649 $\pm$ 0.000 χ^2/NDF : 4588870675.3/22

1.663 $\pm$ 0.000 χ^2/NDF : 2635615999.0/11

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013 ± 0.000 $\chi^2/\text{NDF}: 21041.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.012 ± 0.000 $\chi^2/\text{NDF}: 29562.1/11$

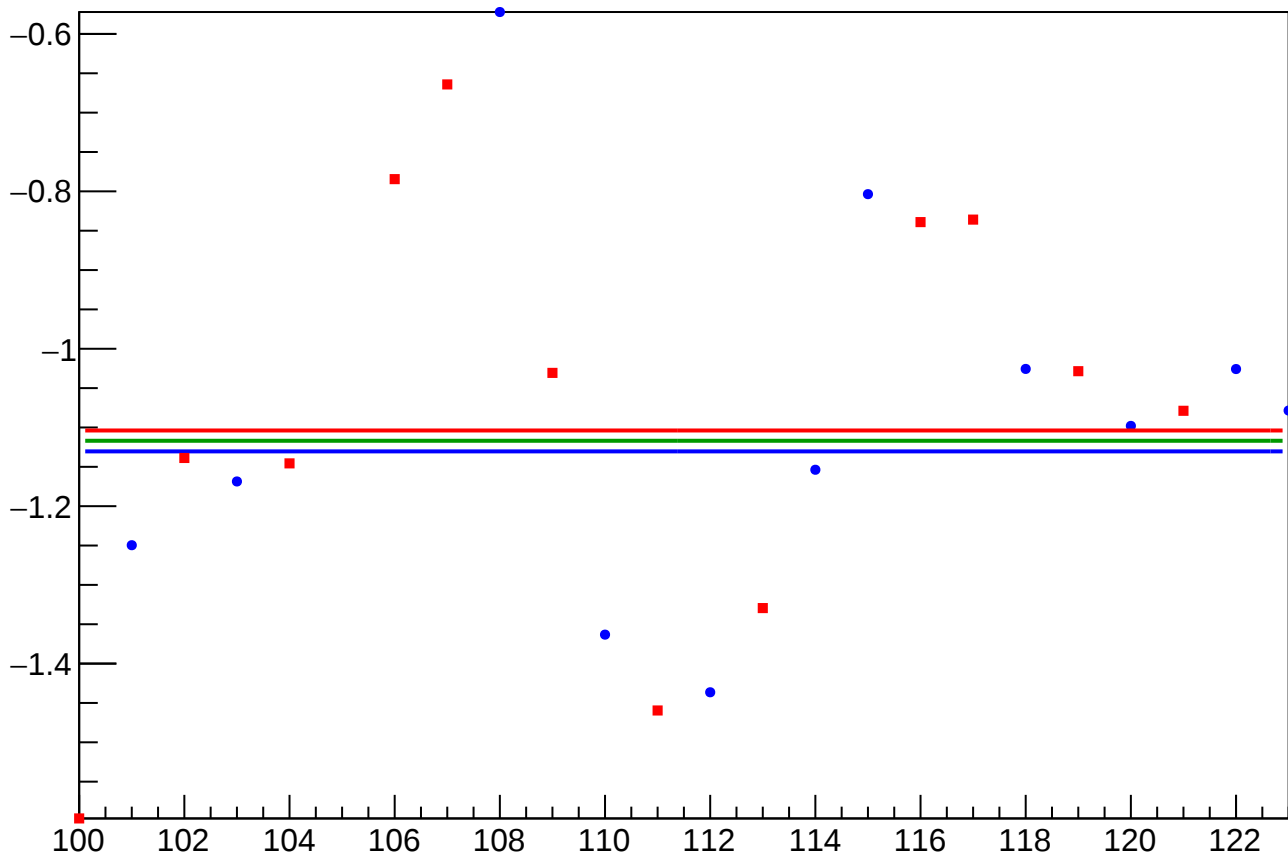
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.013 ± 0.000 $\chi^2/\text{NDF}: 21041.0/10$

0.013 ± 0.000 $\chi^2/\text{NDF}: 51858.3/22$

0.012 ± 0.000 $\chi^2/\text{NDF}: 29562.1/11$

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.130+/-0.000 χ^2/NDF : 2305910548.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.104+/-0.000 χ^2/NDF : 2082785836.2/11

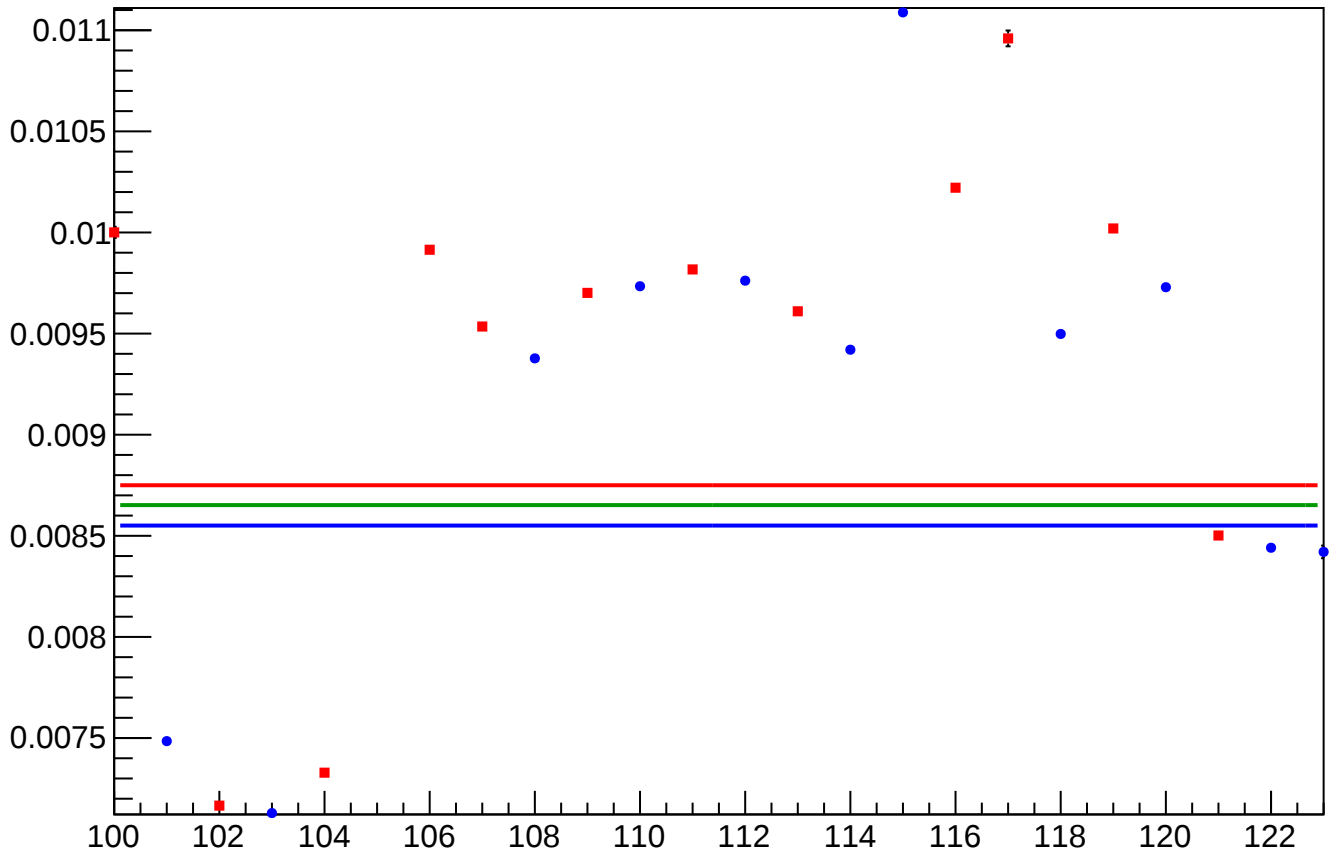
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.130+/-0.000 χ^2/NDF : 2305910548.7/10

-1.117+/-0.000 χ^2/NDF : 4406578587.3/22

-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 : 130216.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 152058.1/11

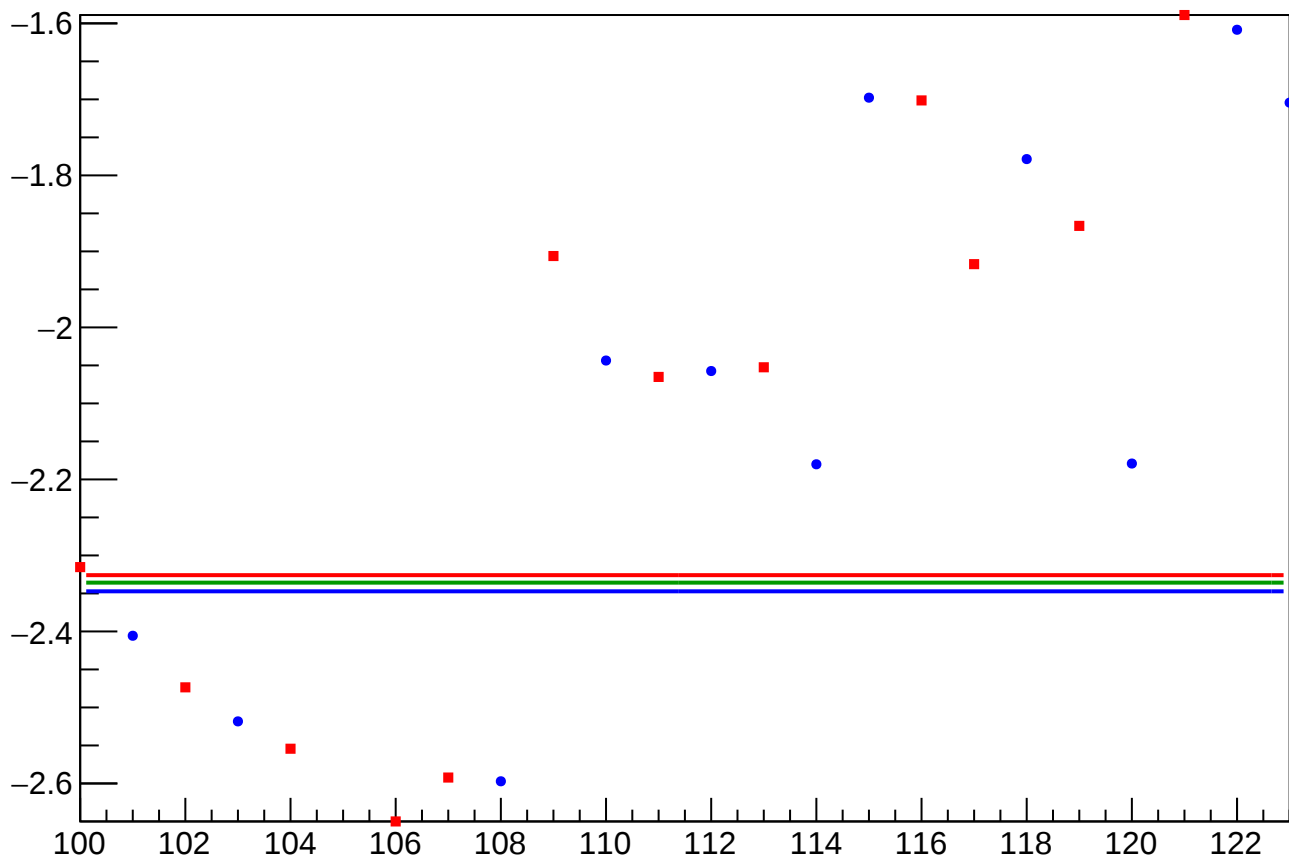
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 130216.5/10

0.009+/-0.000 χ^2/NDF : 284289.2/22

0.009+/-0.000 χ^2/NDF : 152058.1/11

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.347+/-0.000 χ^2 /NDF: 4911293395.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.326+/-0.000 χ^2 /NDF: 7149594518.1/11

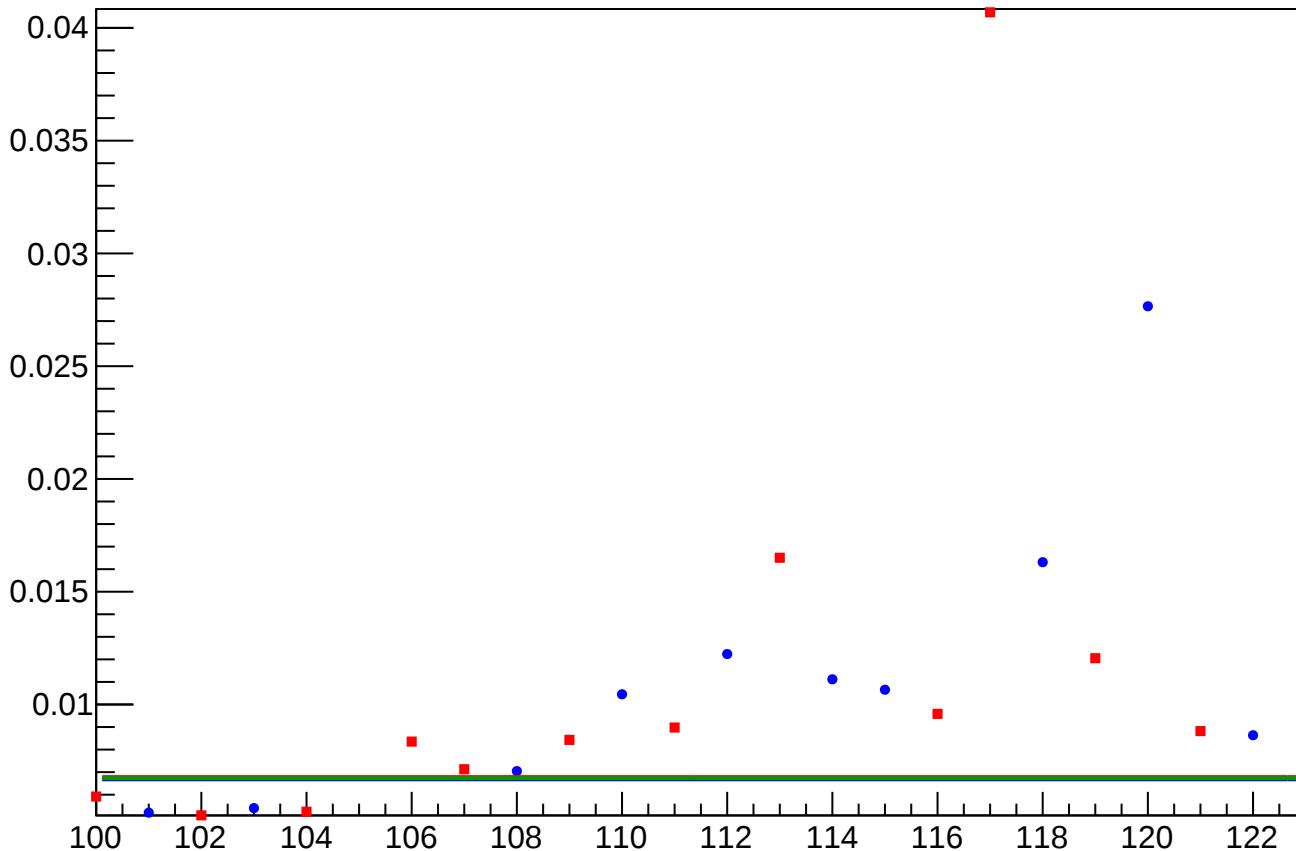
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.347+/-0.000 χ^2 /NDF: 4911293395.2/10

-2.336+/-0.000 χ^2 /NDF: 12075312617.8/11

-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 : 921561.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 712608.8/11

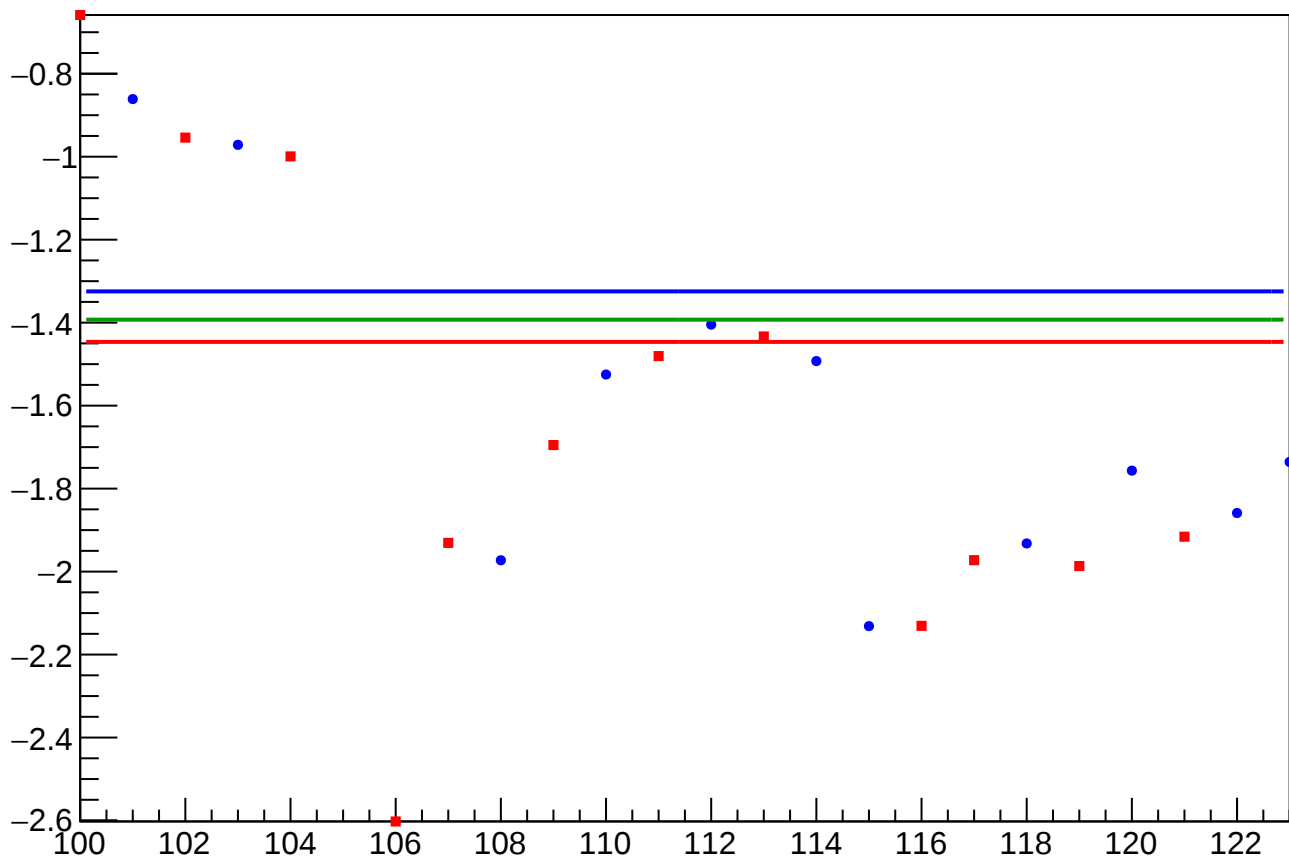
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 921561.2/10

0.007+/-0.000 χ^2/NDF : 1634751.9/22

0.007+/-0.000 χ^2/NDF : 712608.8/11

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.325+/-0.000 χ^2 /NDF: 15244069982.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.446+/-0.000 χ^2 /NDF: 22940583651.5/11

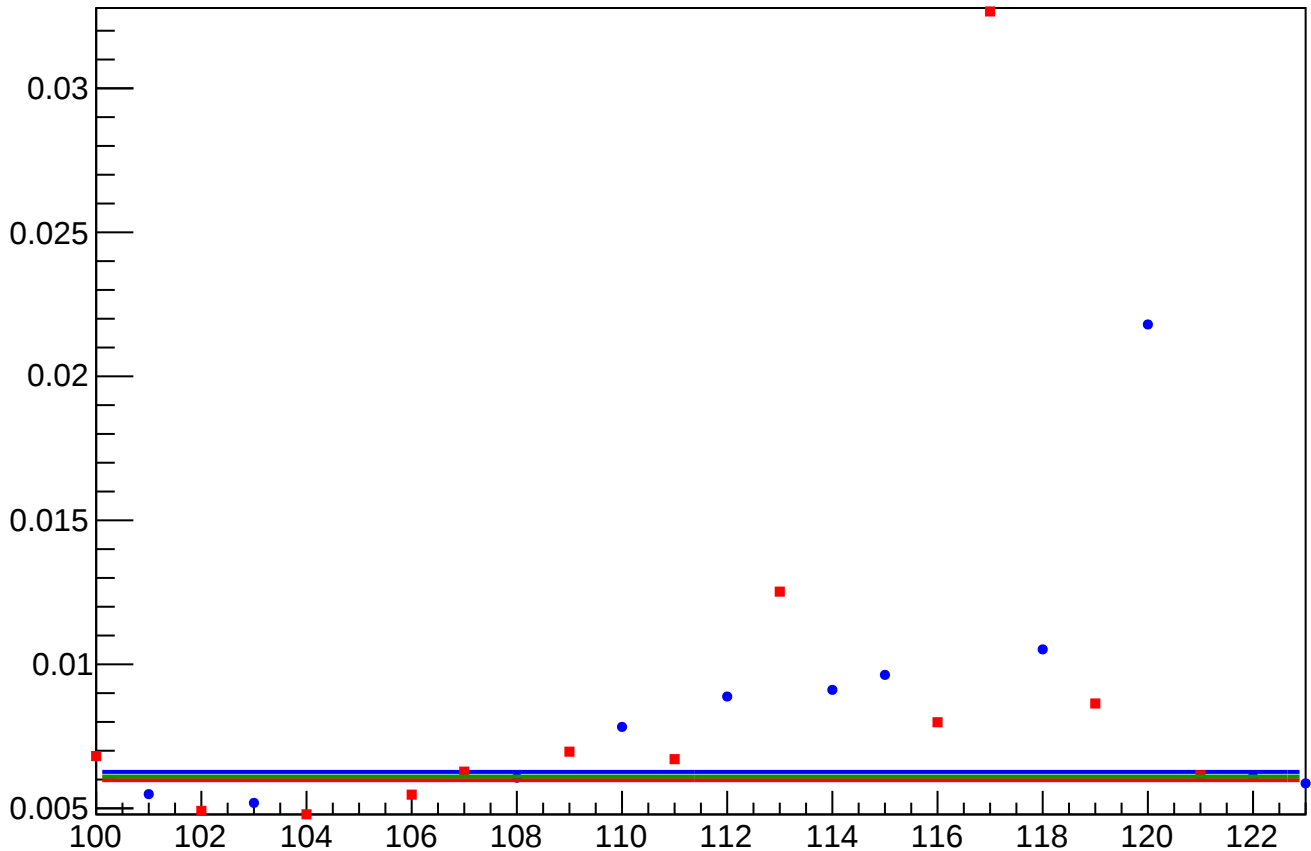
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.325+/-0.000 χ^2 /NDF: 15244069982.5/10

-1.393+/-0.000 χ^2 /NDF: 38781988133.6/10

-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 : 519249.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 394821.5/11

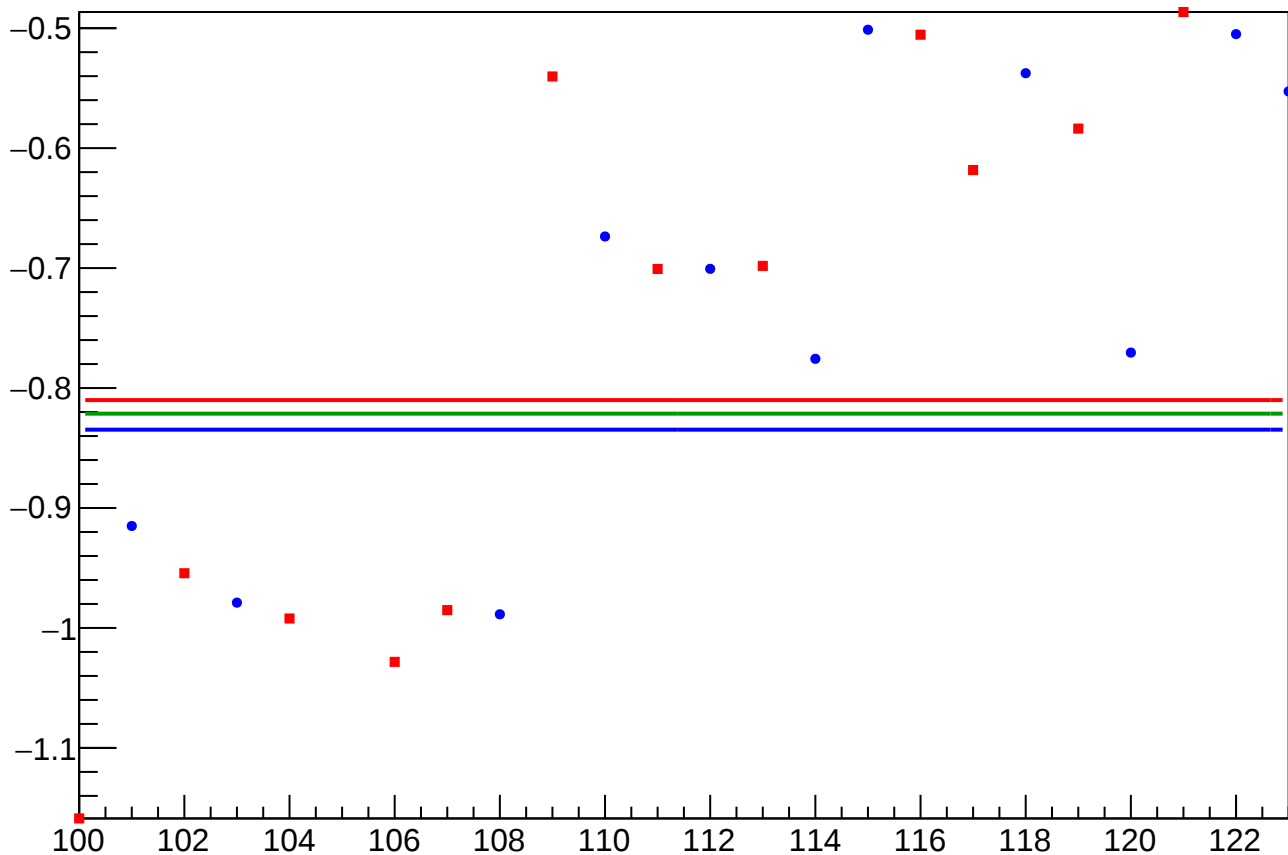
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 519249.8/10

0.006+/-0.000 χ^2/NDF : 920719.1/22

0.006+/-0.000 χ^2/NDF : 394821.5/11

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.835+/-0.000 χ^2/NDF : 3754451096.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.810+/-0.000 χ^2/NDF : 6054722811.5/11

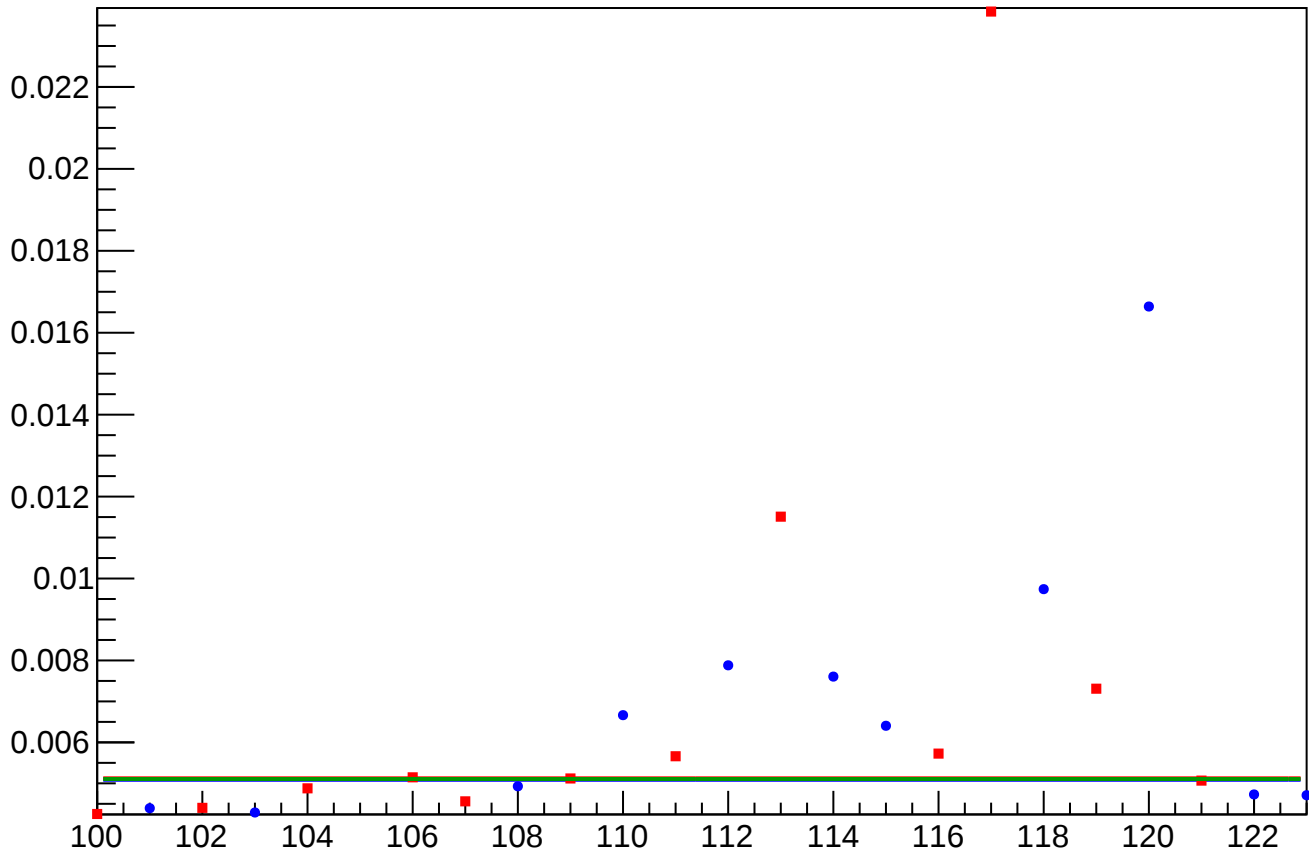
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.835+/-0.000 χ^2/NDF : 3754451096.0/10

-0.821+/-0.000 χ^2/NDF : 9845243742.8/22

-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 : 587905.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 332709.8/11

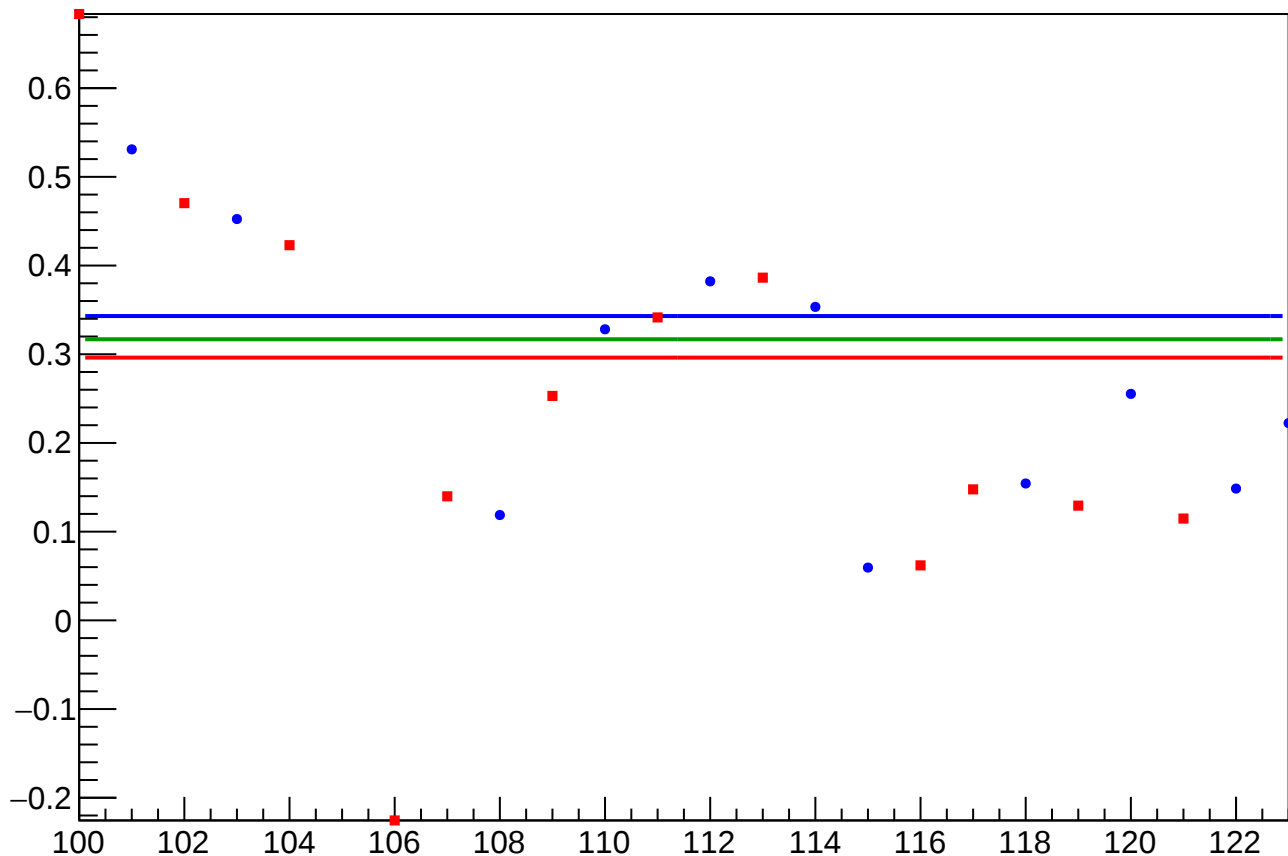
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 587905.2/10

0.005+/-0.000 χ^2/NDF : 920756.6/22

0.005+/-0.000 χ^2/NDF : 332709.8/11

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.343+/-0.000 χ^2/NDF : 4655621297.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.296+/-0.000 χ^2/NDF : 6827501205.3/11

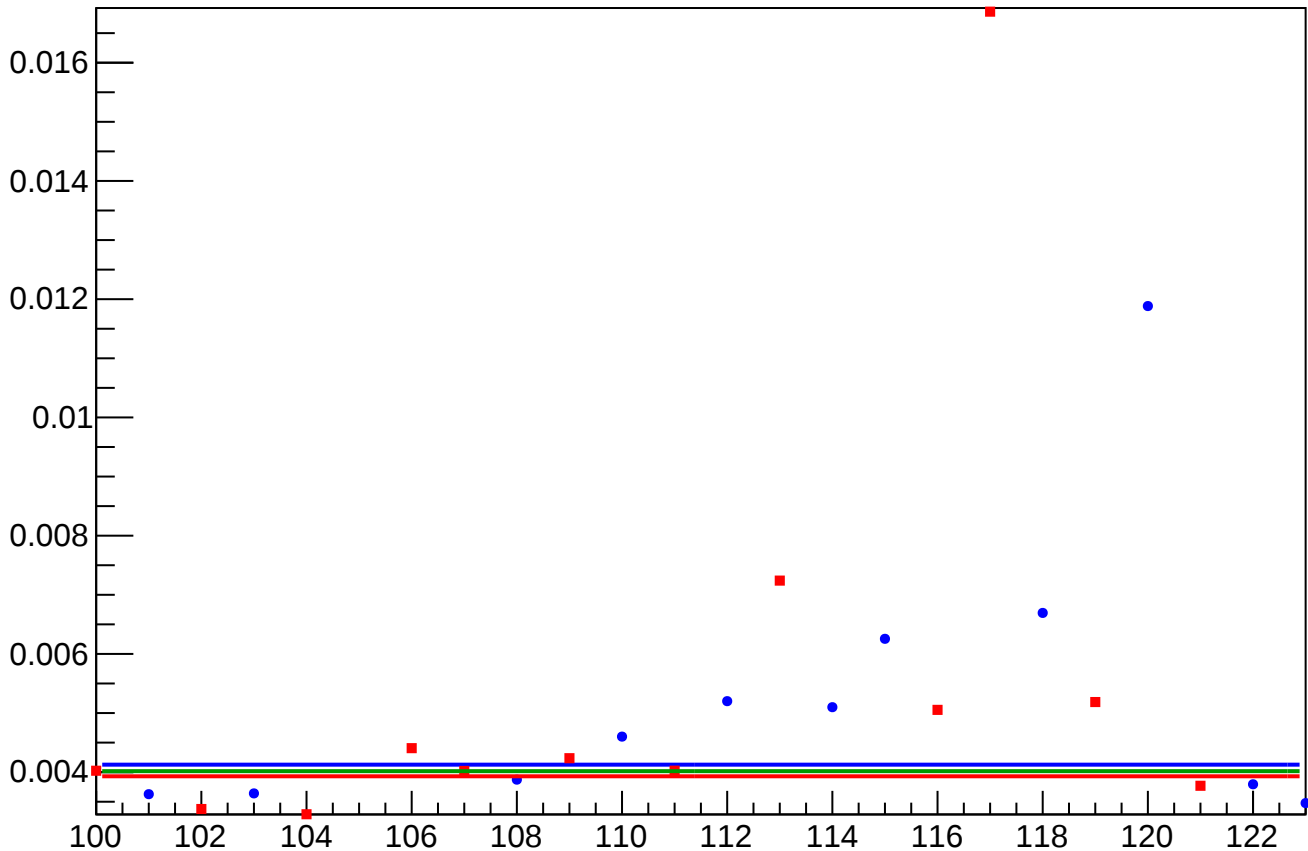
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.343+/-0.000 χ^2/NDF : 4655621297.6/10

0.317+/-0.000 χ^2/NDF : 11697975548.3/2

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 : 429958.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 278708.0/11

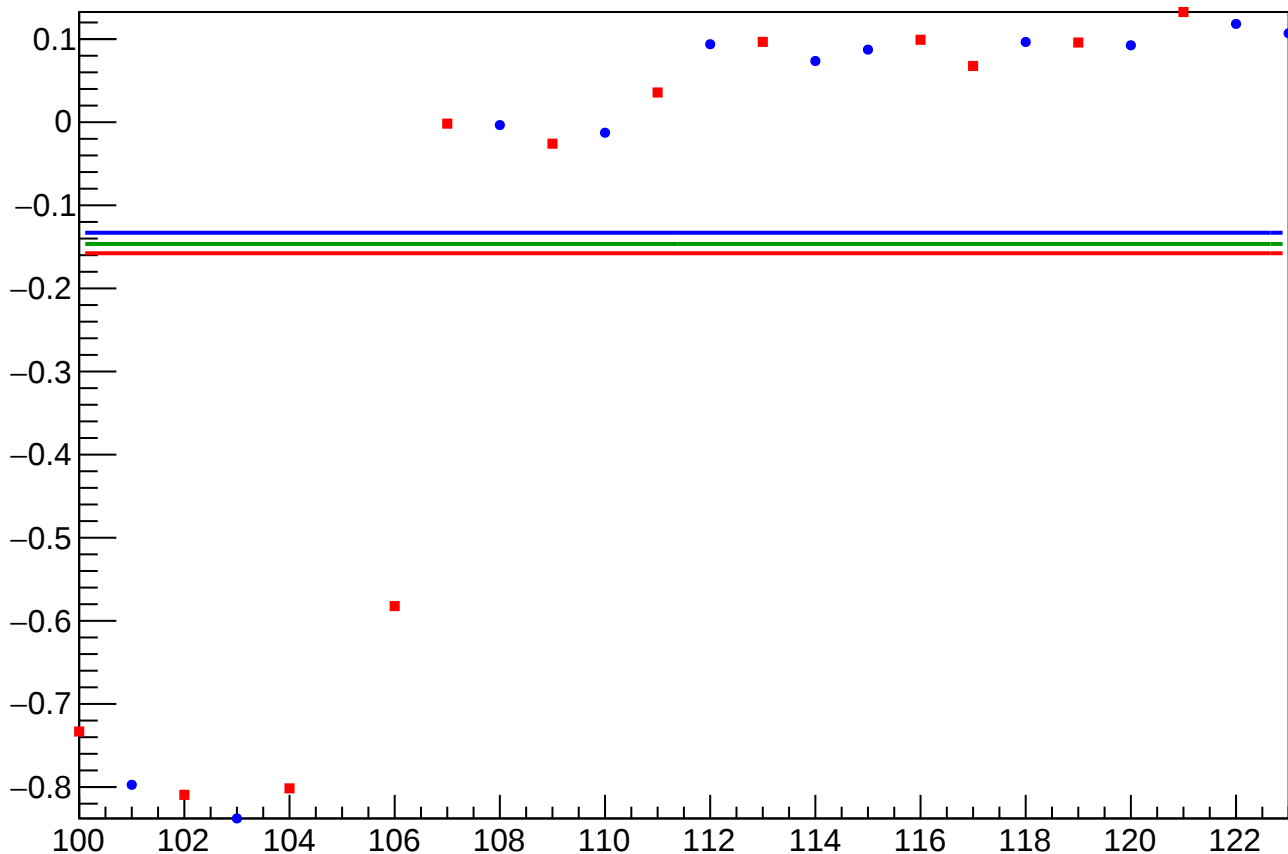
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 429958.8/10

0.004+/-0.000 χ^2/NDF : 716239.5/22

0.004+/-0.000 χ^2/NDF : 278708.0/11

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.133+/-0.000 χ^2/NDF : 4725298770.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 5104623692.6/11

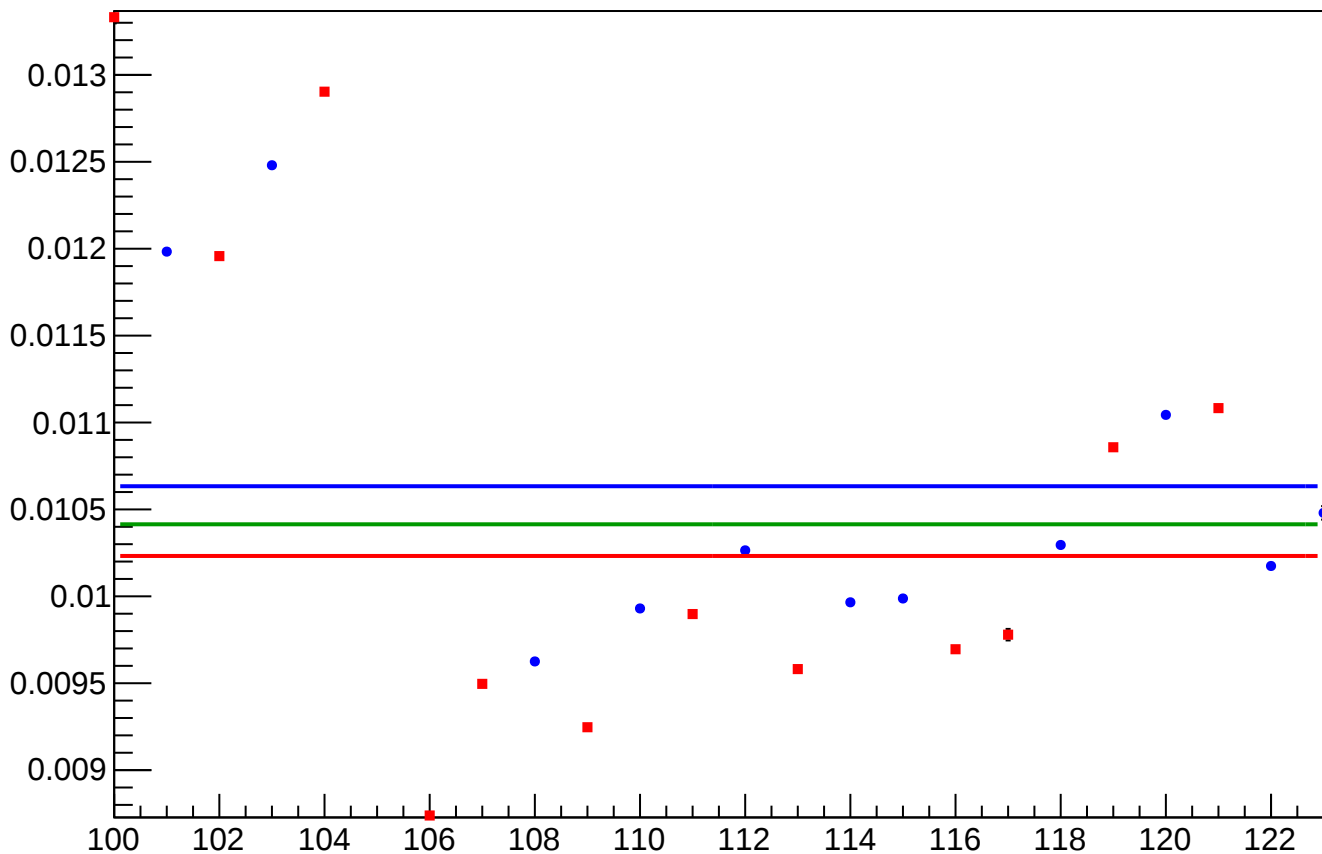
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.133+/-0.000 χ^2/NDF : 4725298770.4/10

-0.146+/-0.000 χ^2/NDF : 9841233634.4/2

-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 : 58436.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 120674.8/11

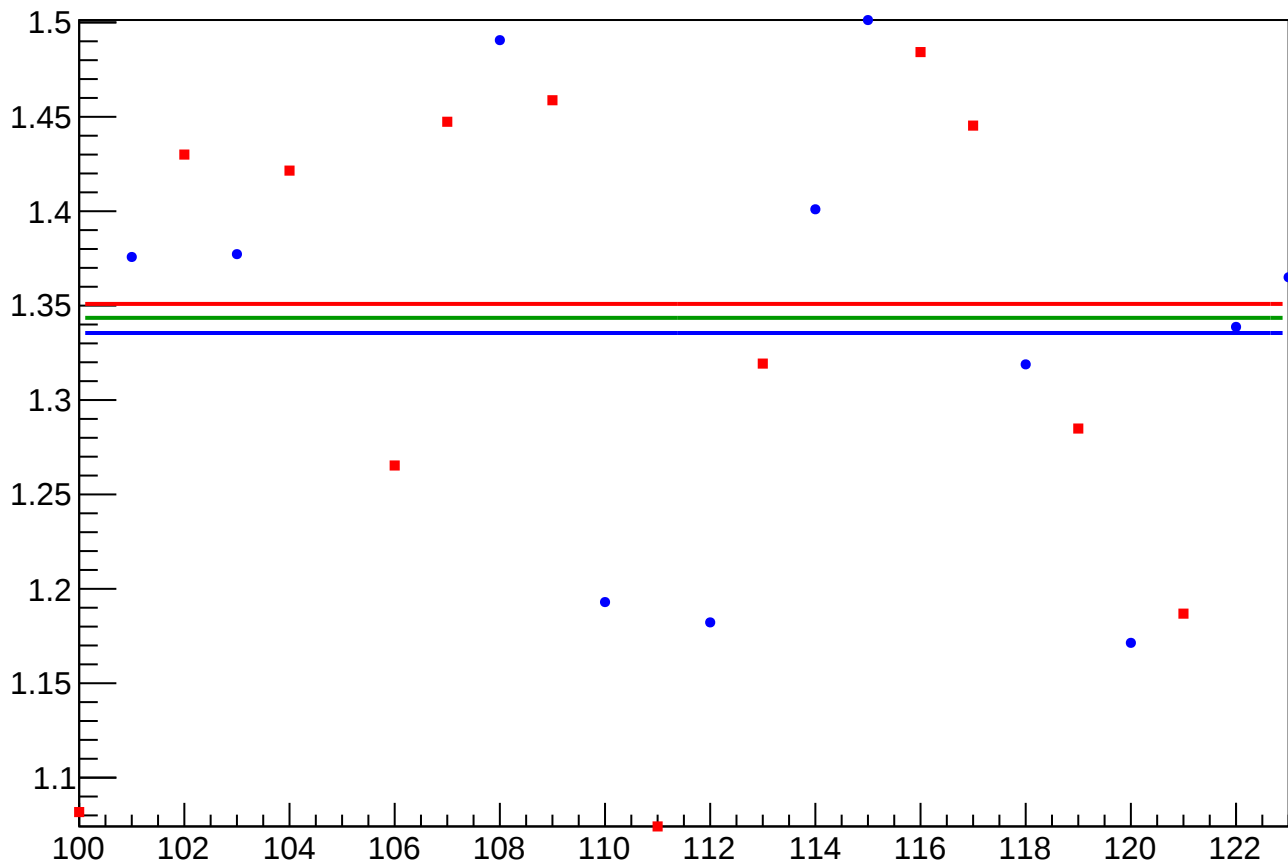
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 58436.2/10

0.010+/-0.000 χ^2/NDF : 185088.5/22

0.010+/-0.000 χ^2/NDF : 120674.8/11

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000 χ^2/NDF : 723114510.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.351+/-0.000 χ^2/NDF : 1265628933.0/11

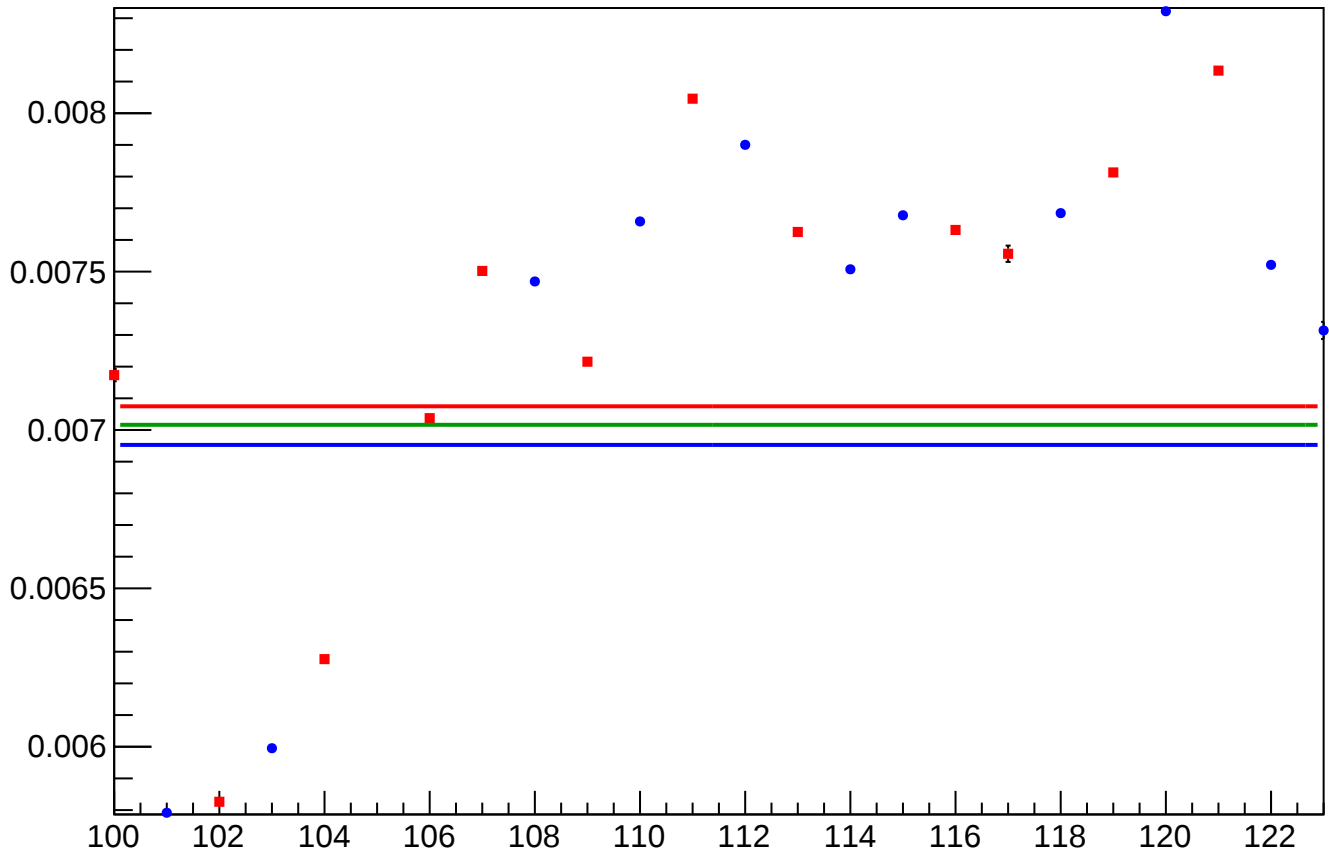
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.336+/-0.000 χ^2/NDF : 723114510.7/10

1.344+/-0.000 χ^2/NDF : 1998457819.6/22

1.351+/-0.000 χ^2/NDF : 1265628933.0/11

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 133840.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 110315.2/11

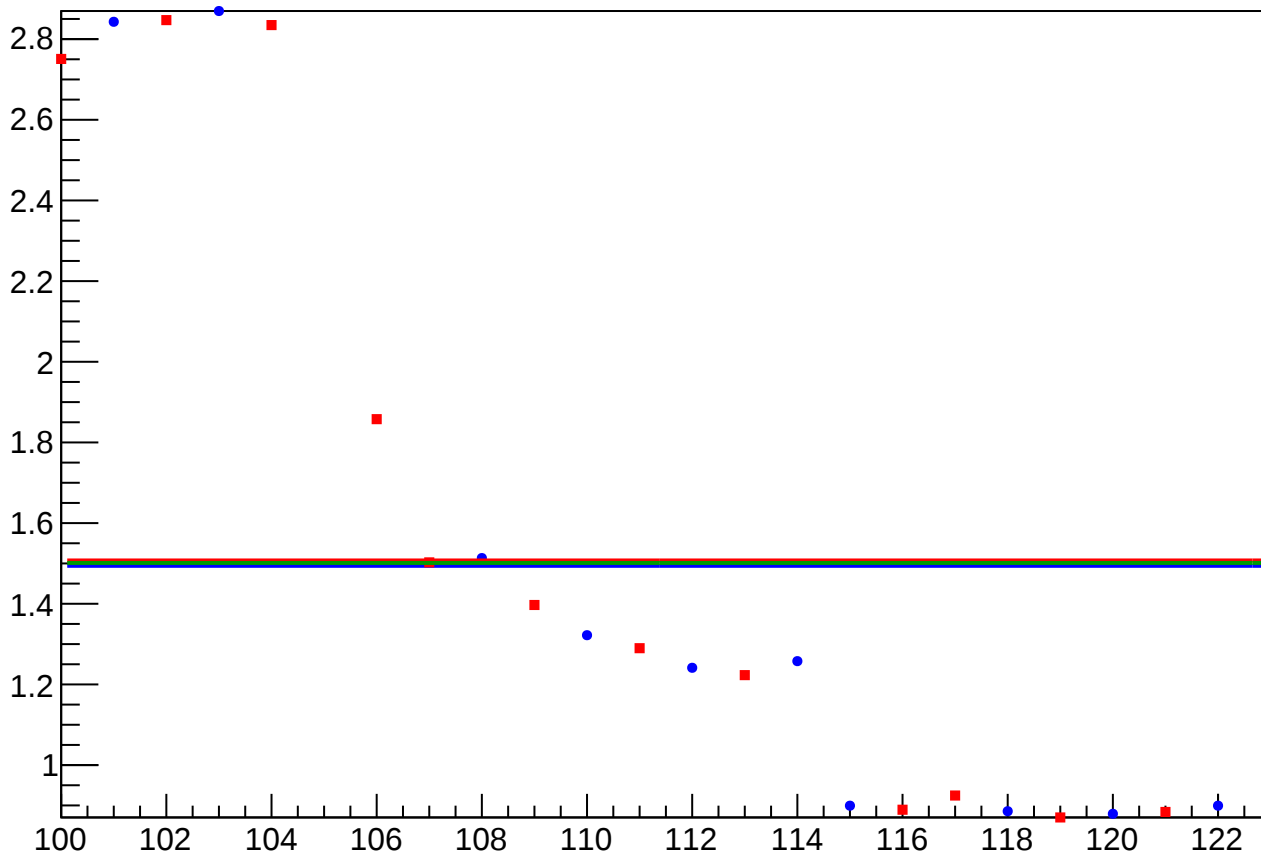
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 133840.6/10

0.007+/-0.000 χ^2/NDF : 245372.1/22

0.007+/-0.000 χ^2/NDF : 110315.2/11

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.494+/-0.000 χ^2/NDF : 44663131429.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.507+/-0.000 χ^2/NDF : 40126593188.0/11

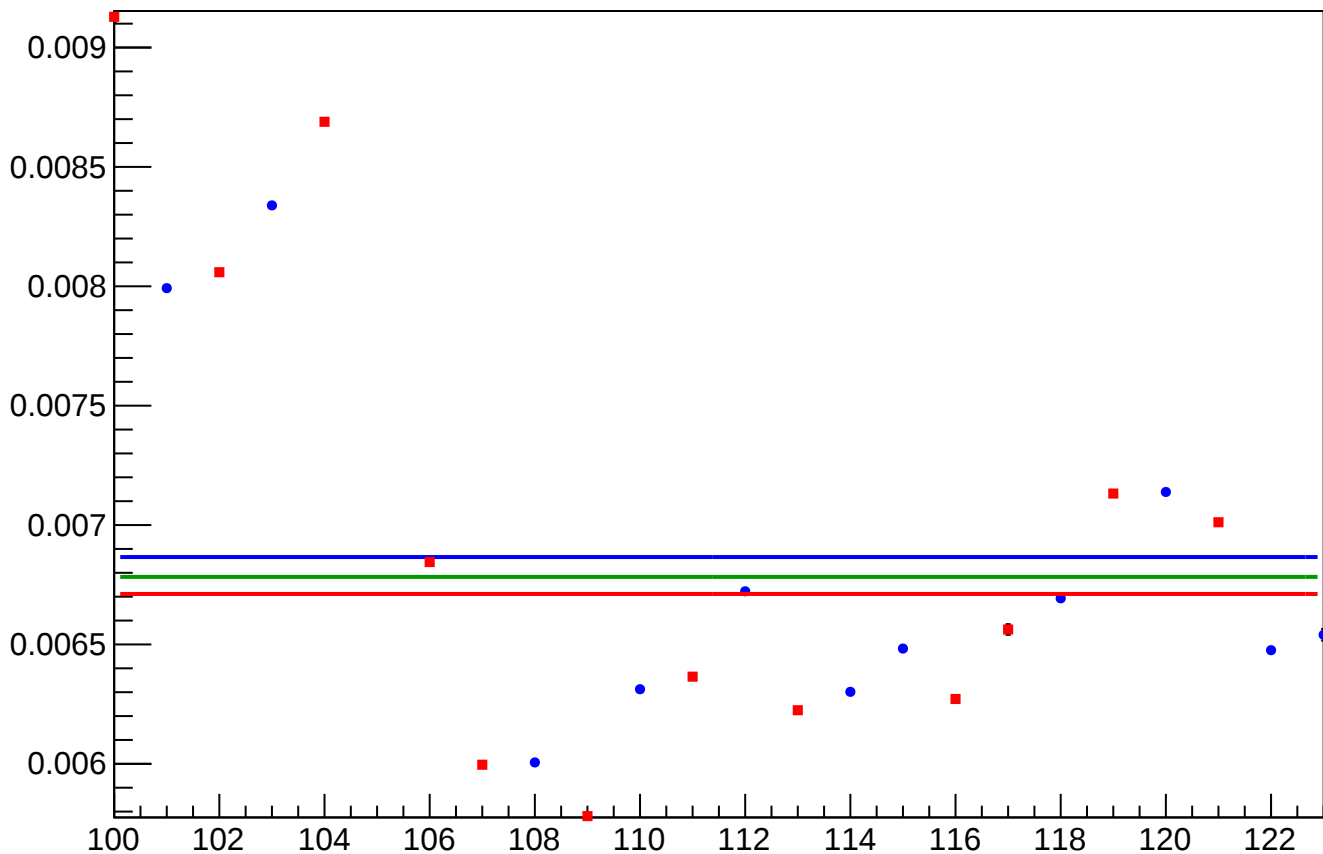
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.494+/-0.000 χ^2/NDF : 44663131429.2/10

1.501+/-0.000 χ^2/NDF : 84797352968.2/2

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 : 87309.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 143725.1/11

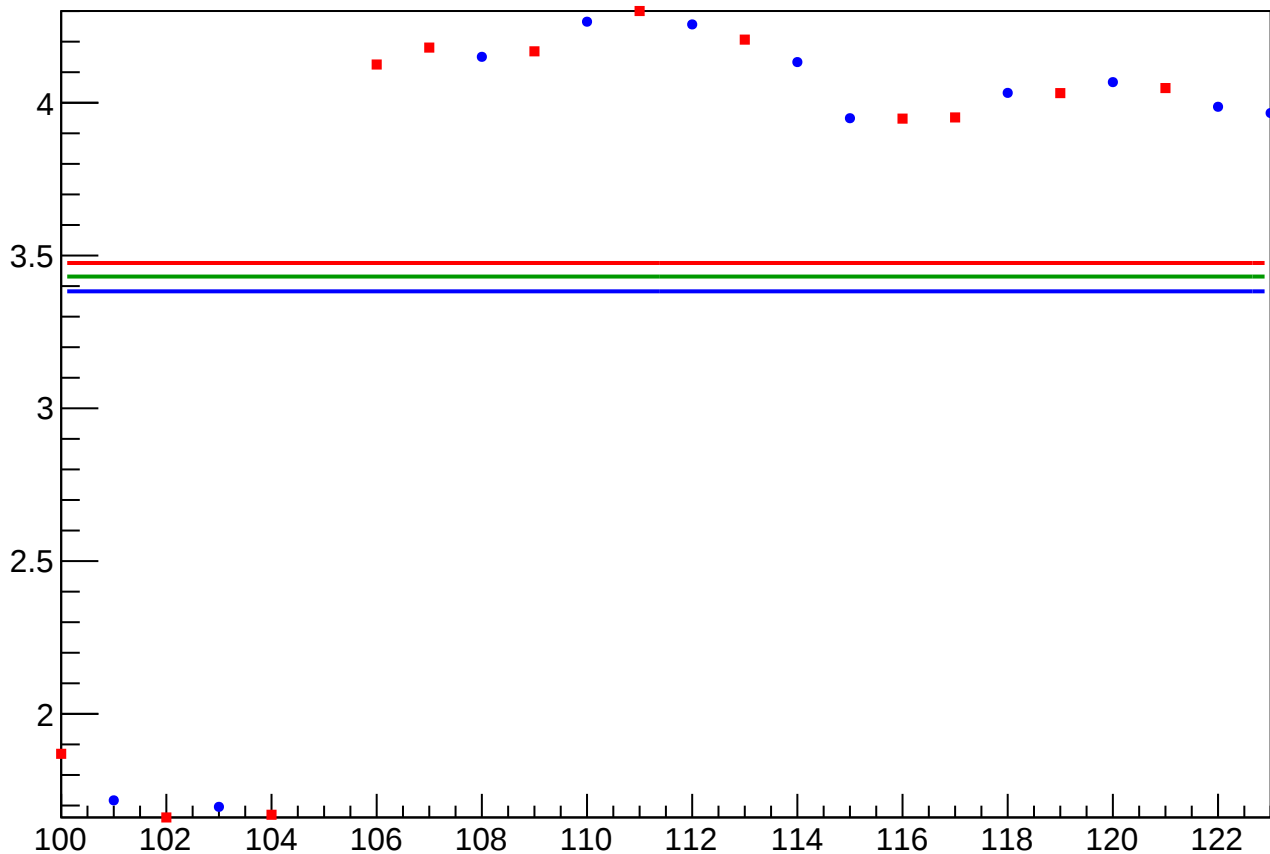
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 87309.8/10

0.007+/-0.000 χ^2/NDF : 233125.5/22

0.007+/-0.000 χ^2/NDF : 143725.1/11

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.383+/-0.000 χ^2/NDF : 167839122738.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.383+/-0.000 χ^2/NDF : 167839122738.2/10

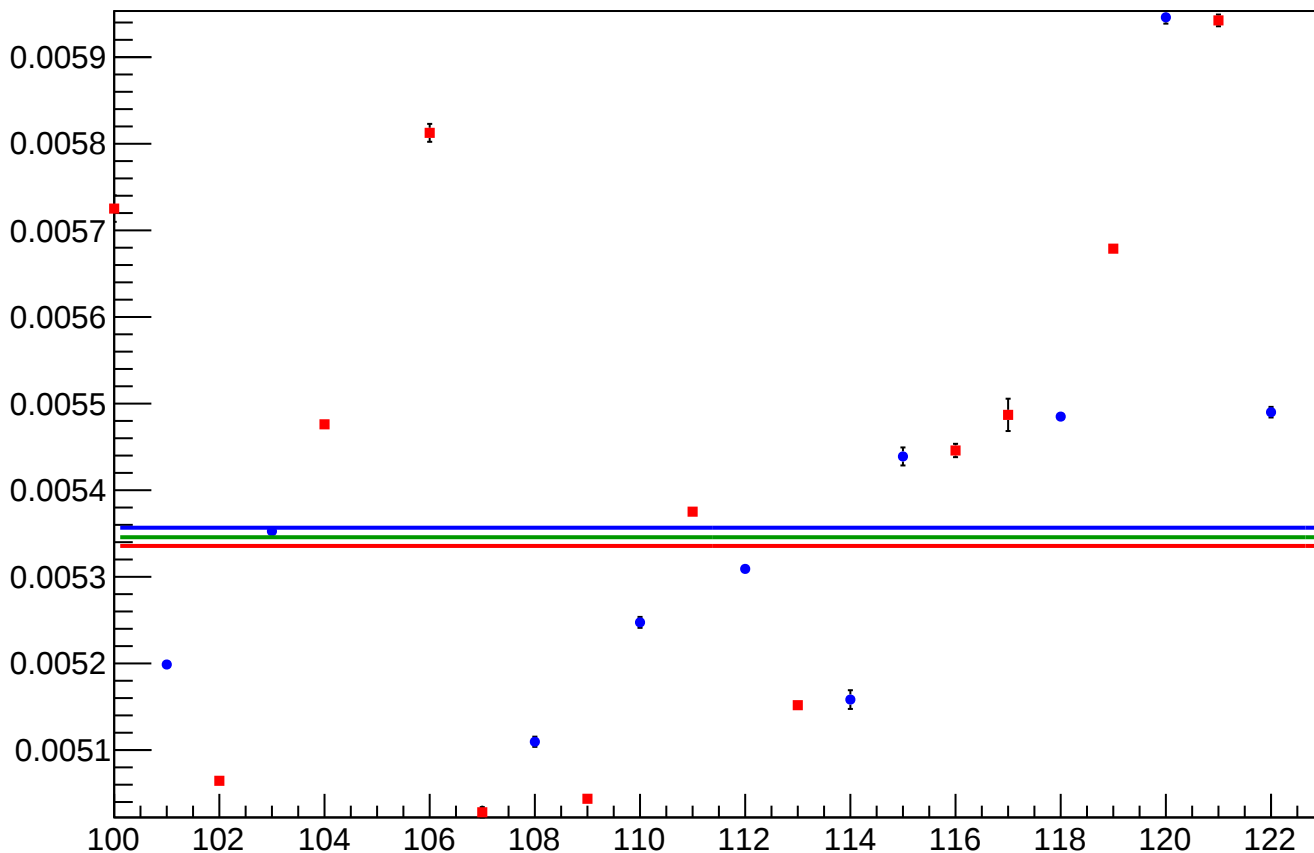
3.431+/-0.000 χ^2/NDF : 345702767250.2/10

Right Out: 3.476+/-0.000 χ^2/NDF : 177257462752.8/11

3.476+/-0.000 χ^2/NDF : 177257462752.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 11276.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 25892.1/11

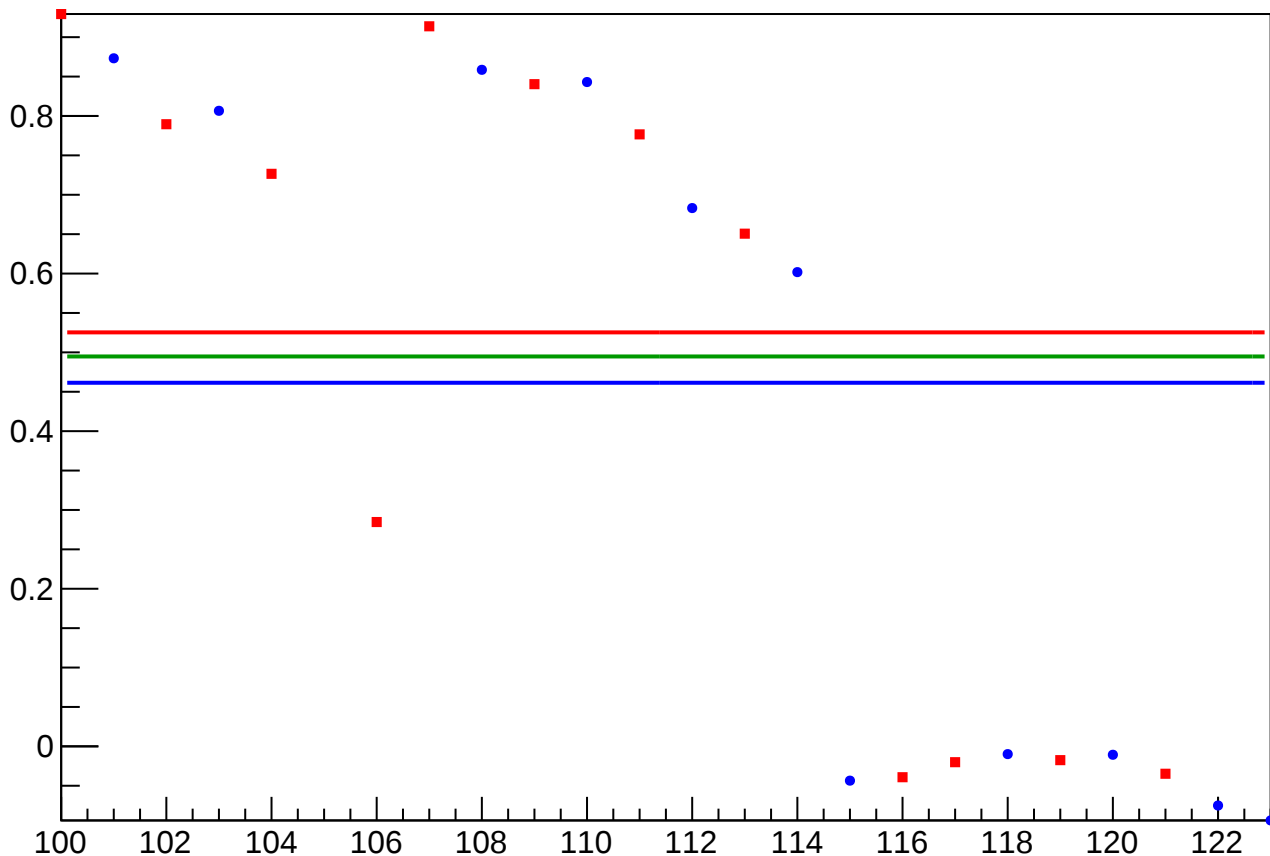
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 11276.8/10

0.005+/-0.000 χ^2/NDF : 37231.3/22

0.005+/-0.000 χ^2/NDF : 25892.1/11

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.461+/-0.000 χ^2/NDF : 3343462757.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.525+/-0.000 χ^2/NDF : 2987662527.5/11

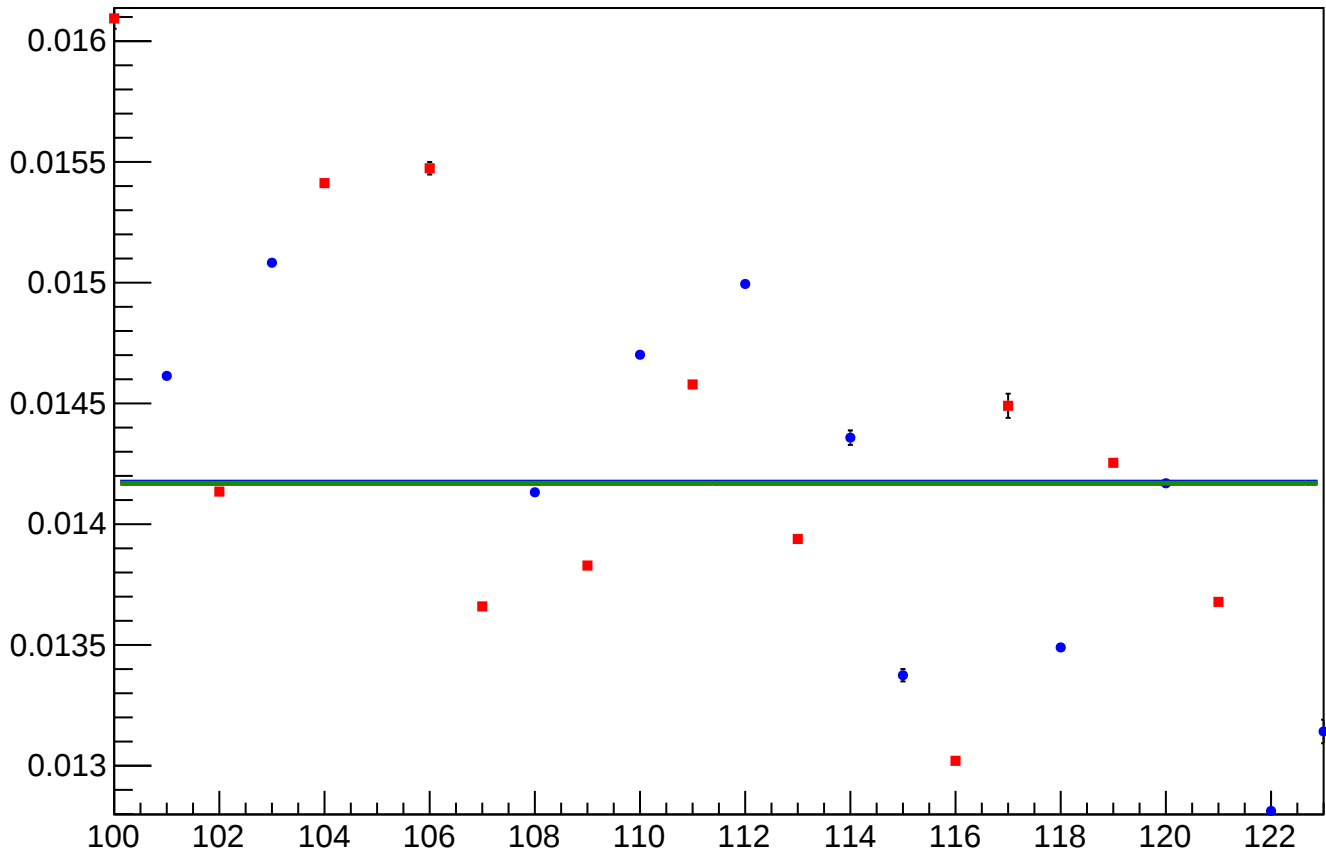
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.461+/-0.000 χ^2/NDF : 3343462757.9/10

0.495+/-0.000 χ^2/NDF : 6372069388.3/22

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 : 21981.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 18419.0/11

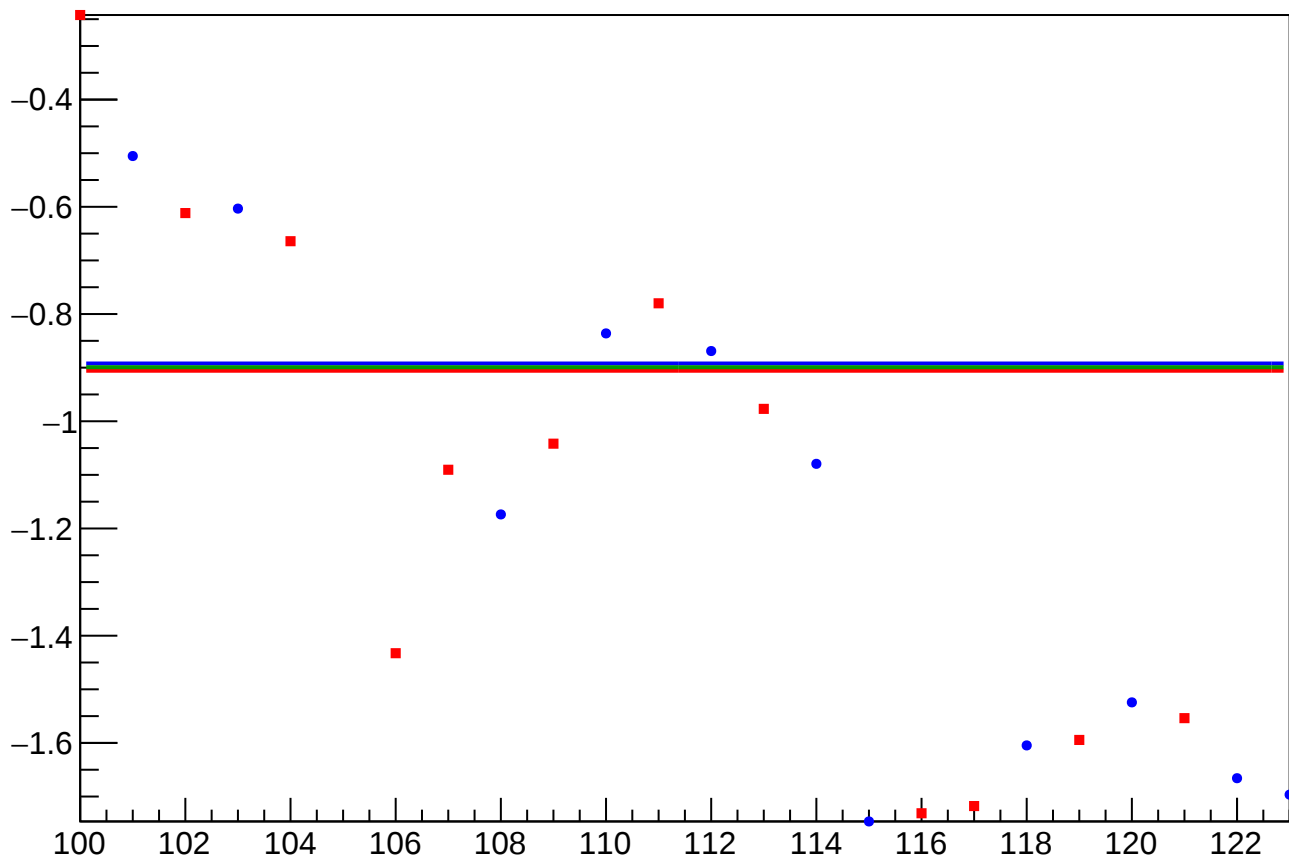
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 21981.1/10

0.014+/-0.000 χ^2/NDF : 40401.8/22

0.014+/-0.000 χ^2/NDF : 18419.0/11

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.892+/-0.000 χ^2 /NDF: 24992007543.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.906+/-0.000 χ^2 /NDF: 20091598004.6/11

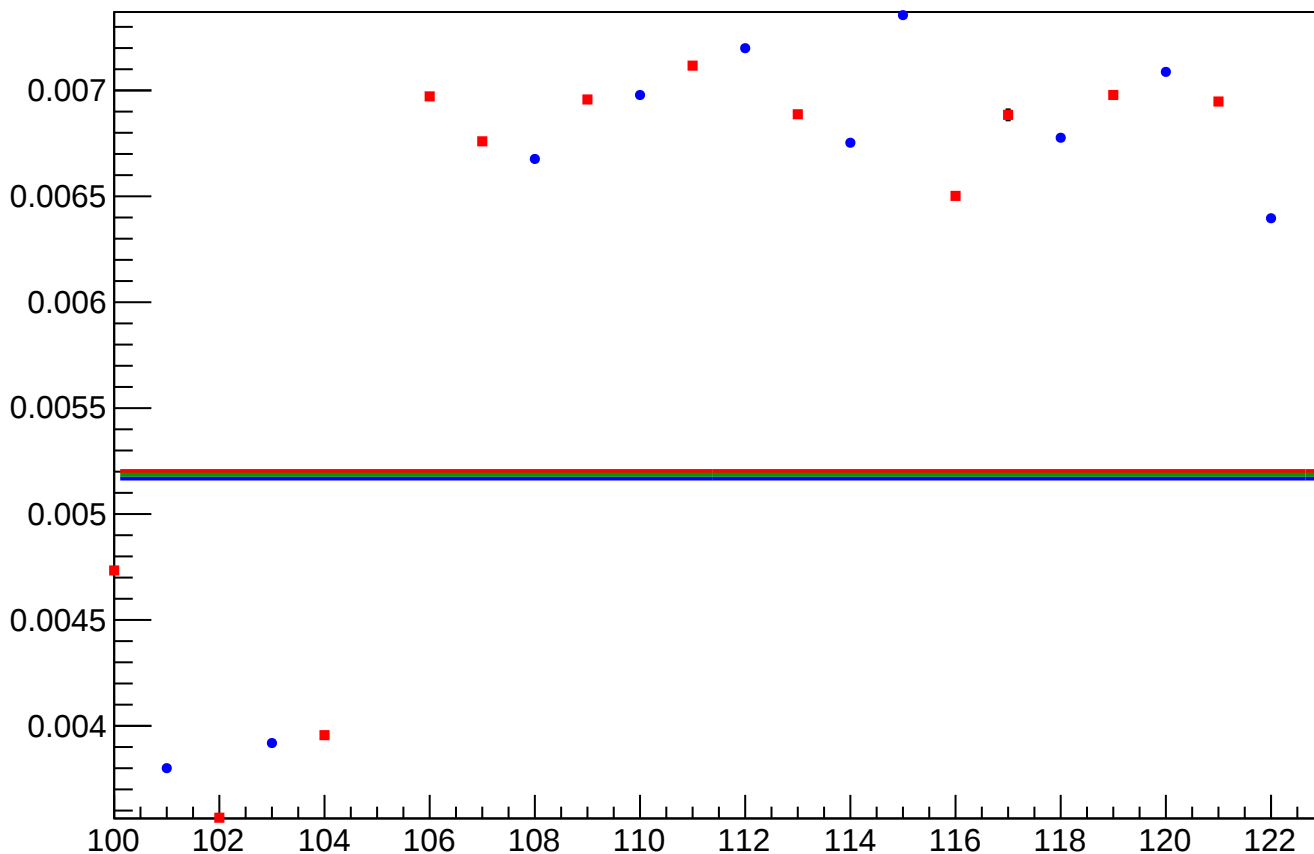
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.892+/-0.000 χ^2 /NDF: 24992007543.0/10

-0.899+/-0.000 χ^2 /NDF: 45095362444.2/10

-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 : 558678.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 666510.8/11

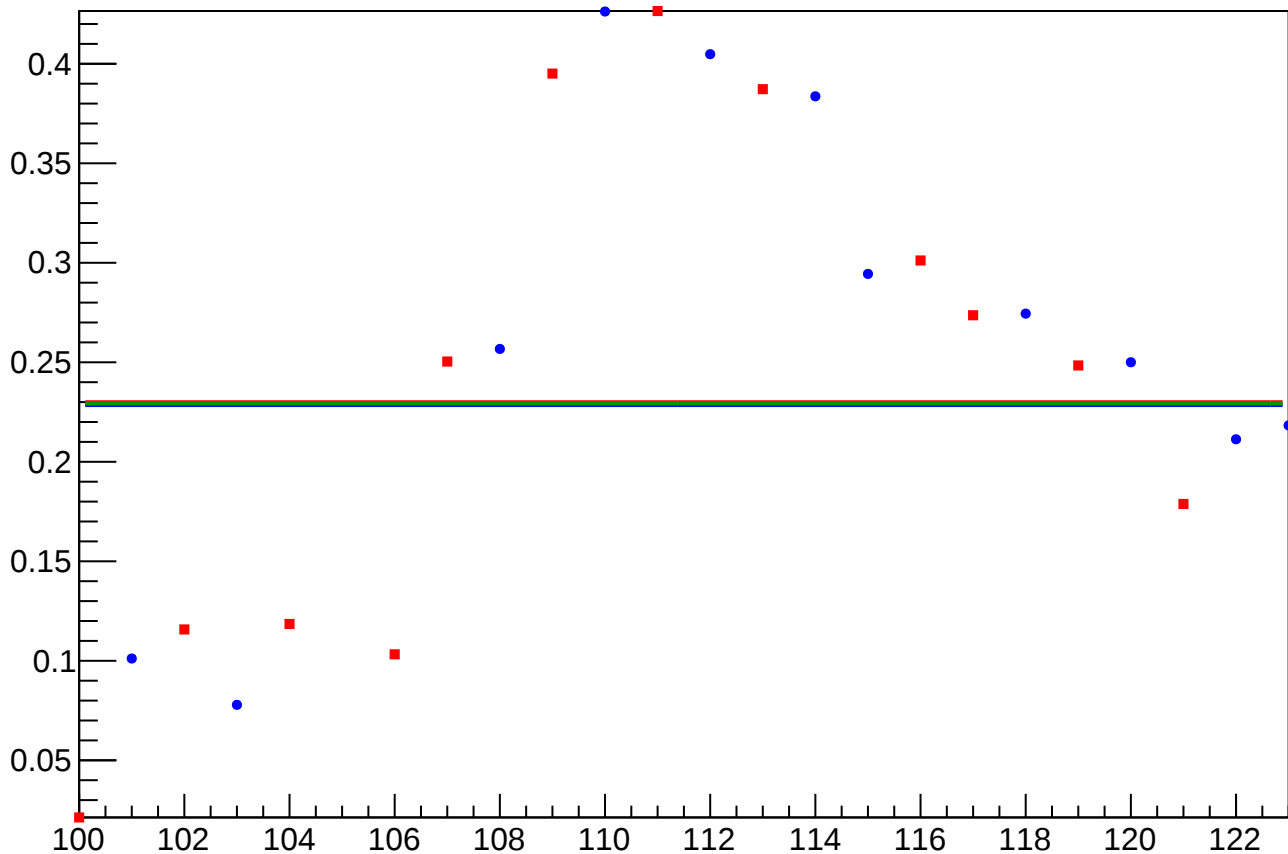
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 558678.3/10

0.005+/-0.000 χ^2/NDF : 1225349.2/22

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 : 17939506122.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.230+/-0.000 χ^2/NDF : 23563435728.4/11

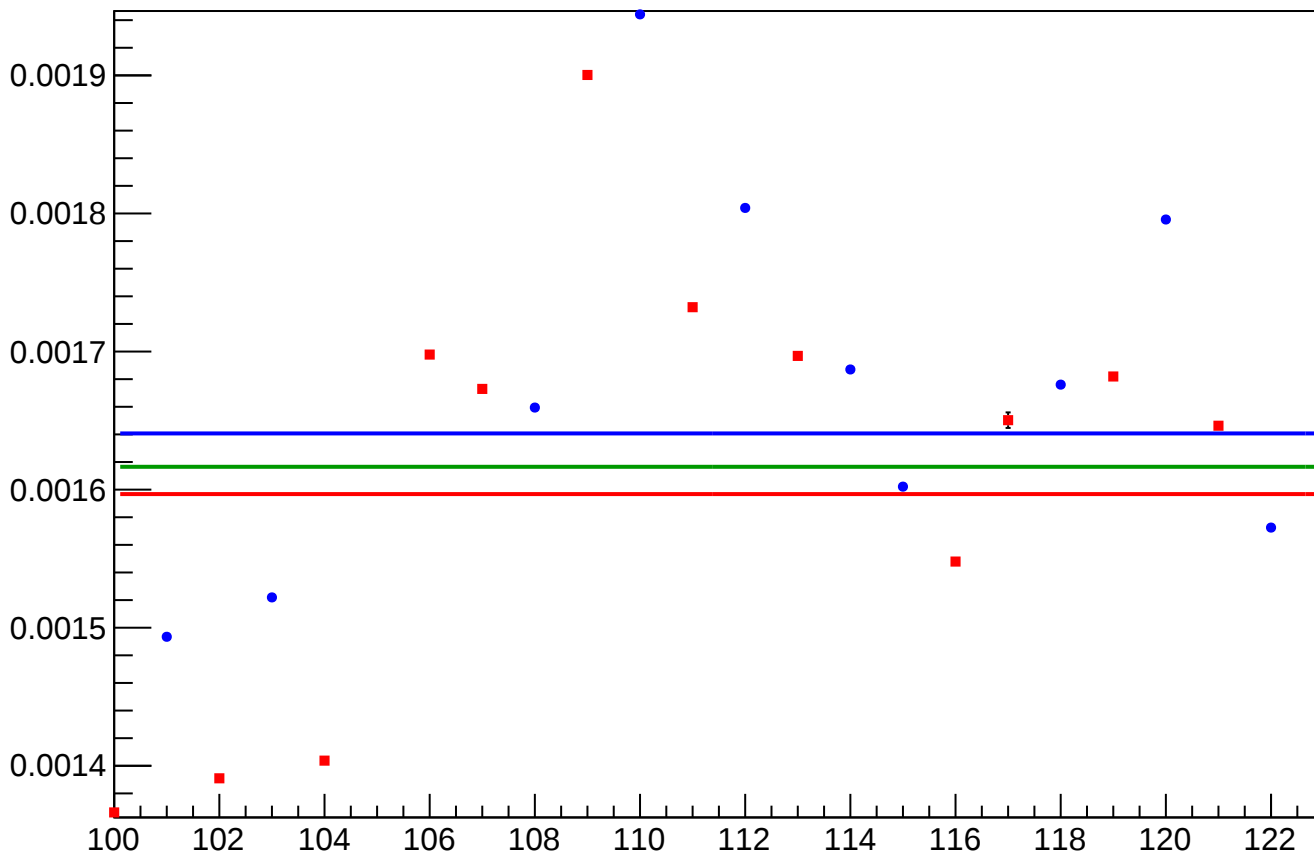
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.229+/-0.000 χ^2/NDF : 17939506122.4/10

0.229+/-0.000 χ^2/NDF : 41504448189.1/2

0.230+/-0.000 χ^2/NDF : 23563435728.4/11

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 46558.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 85687.4/11

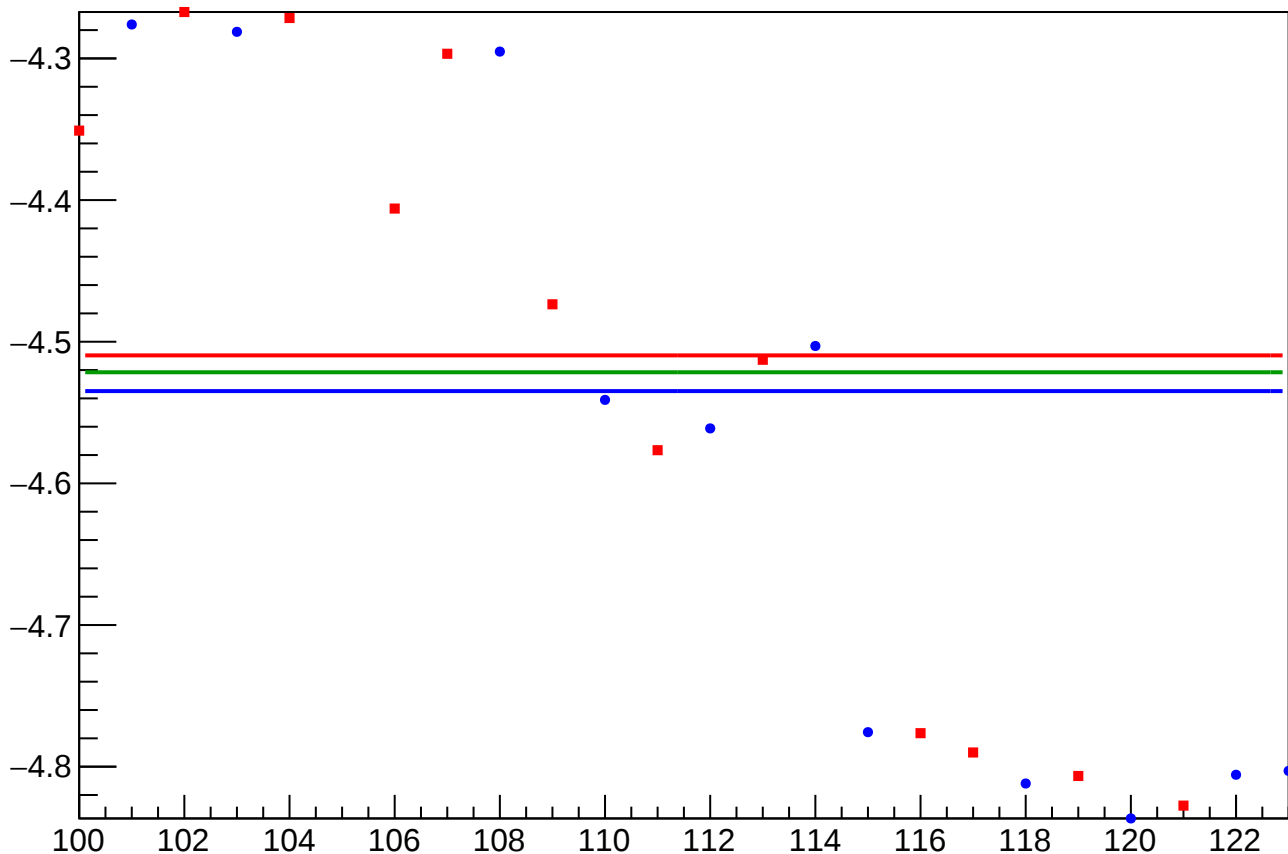
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 46558.5/10

0.002+/-0.000 χ^2/NDF : 135098.8/22

0.002+/-0.000 χ^2/NDF : 85687.4/11

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.535+/-0.000 χ^2/NDF : 58417310349.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

-4.535+/-0.000 χ^2/NDF : 58417310349.6/10

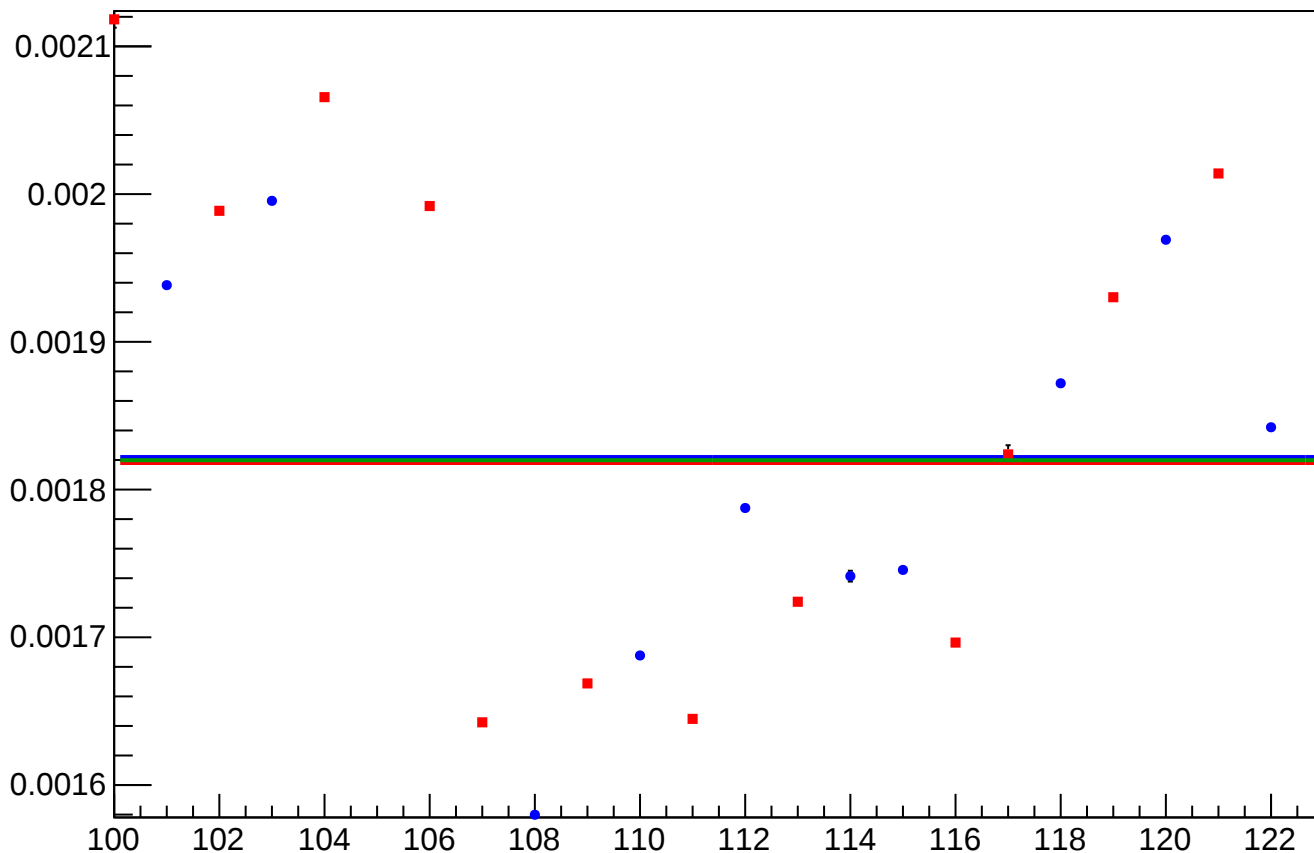
-4.522+/-0.000 χ^2/NDF : 108910786208.1

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 : 40402.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 69693.8/11

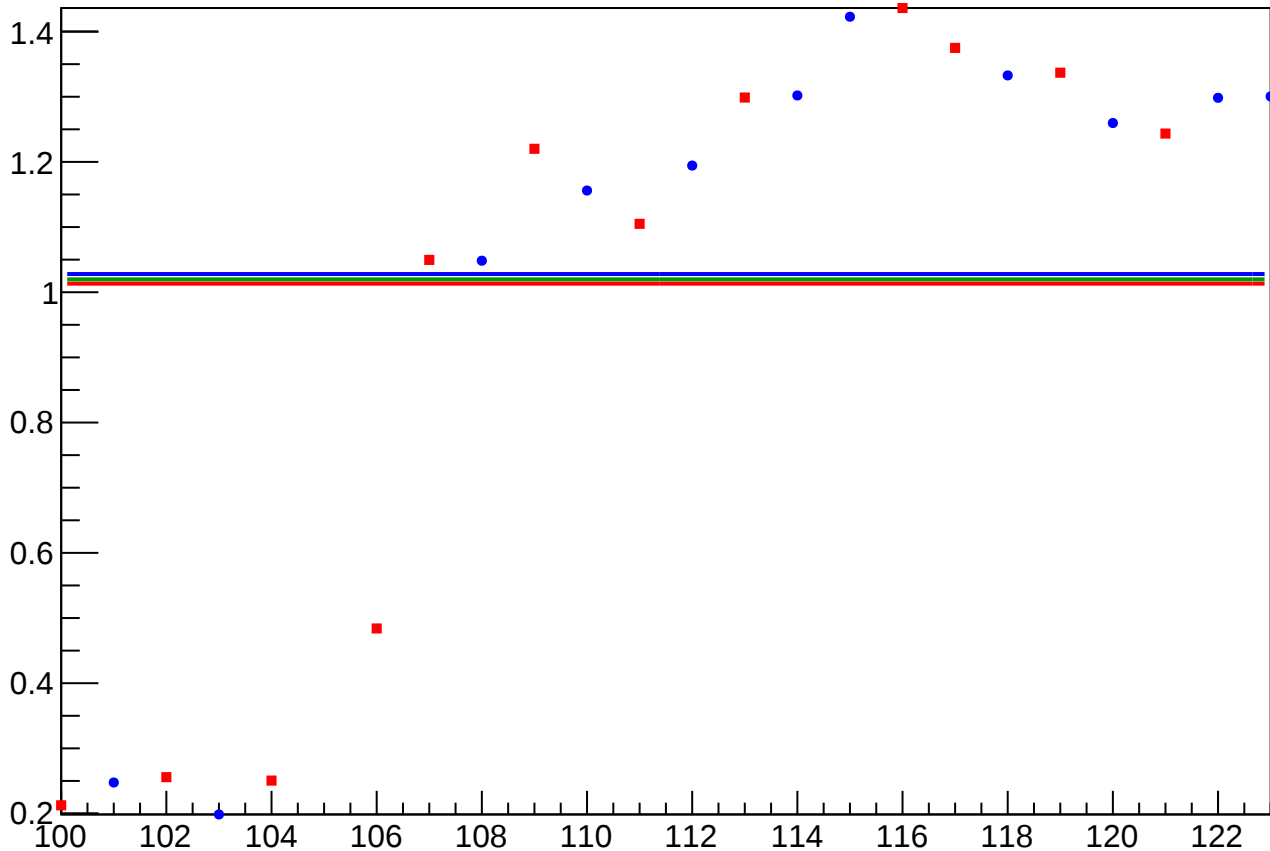
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 40402.5/10

0.002+/-0.000 χ^2/NDF : 110115.9/22

0.002+/-0.000 χ^2/NDF : 69693.8/11

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.028+/-0.000 χ^2/NDF : 12454300650.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.013+/-0.000 χ^2/NDF : 14380978757.5/11

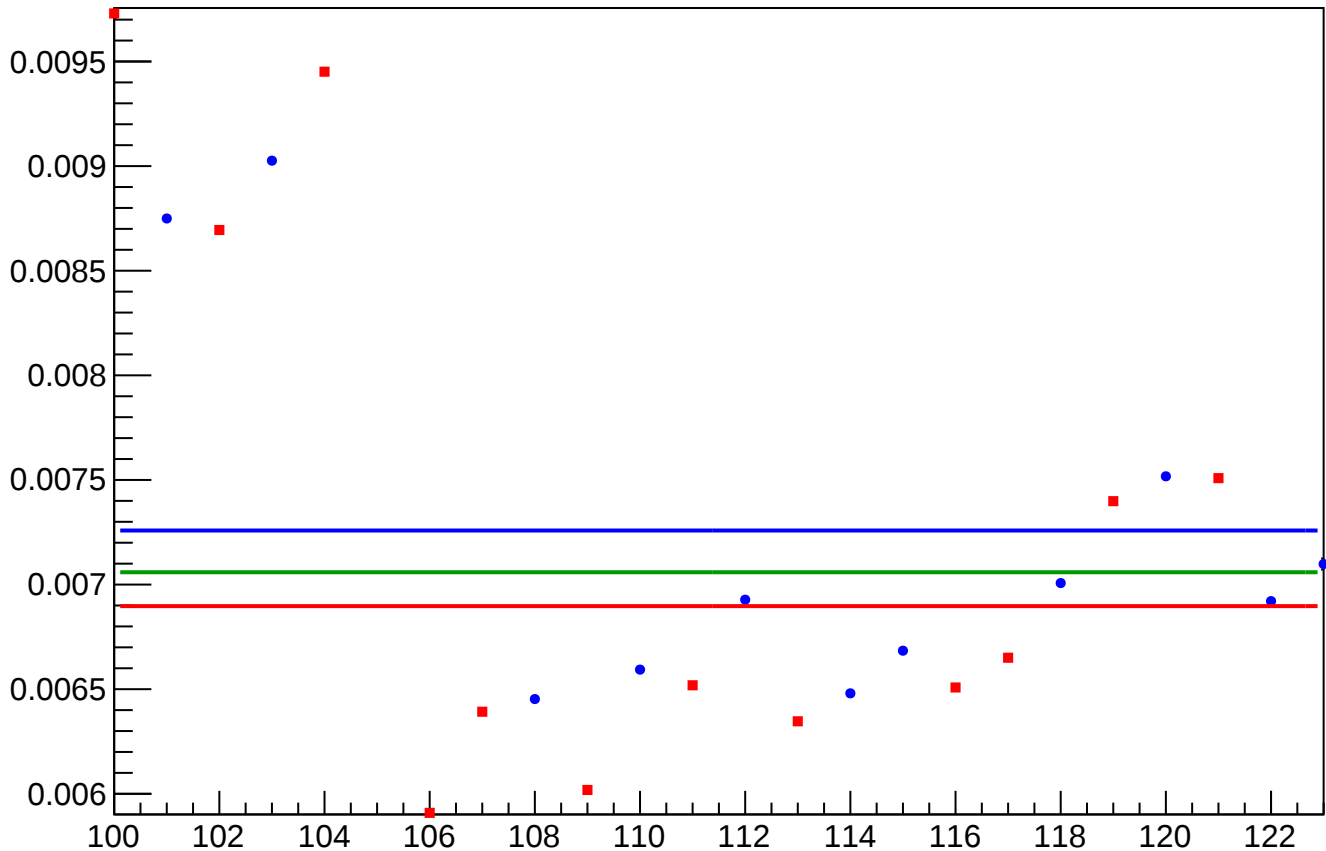
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.028+/-0.000 χ^2/NDF : 12454300650.5/10

1.020+/-0.000 χ^2/NDF : 26843999581.4/2

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 : 107670.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 195038.0/11

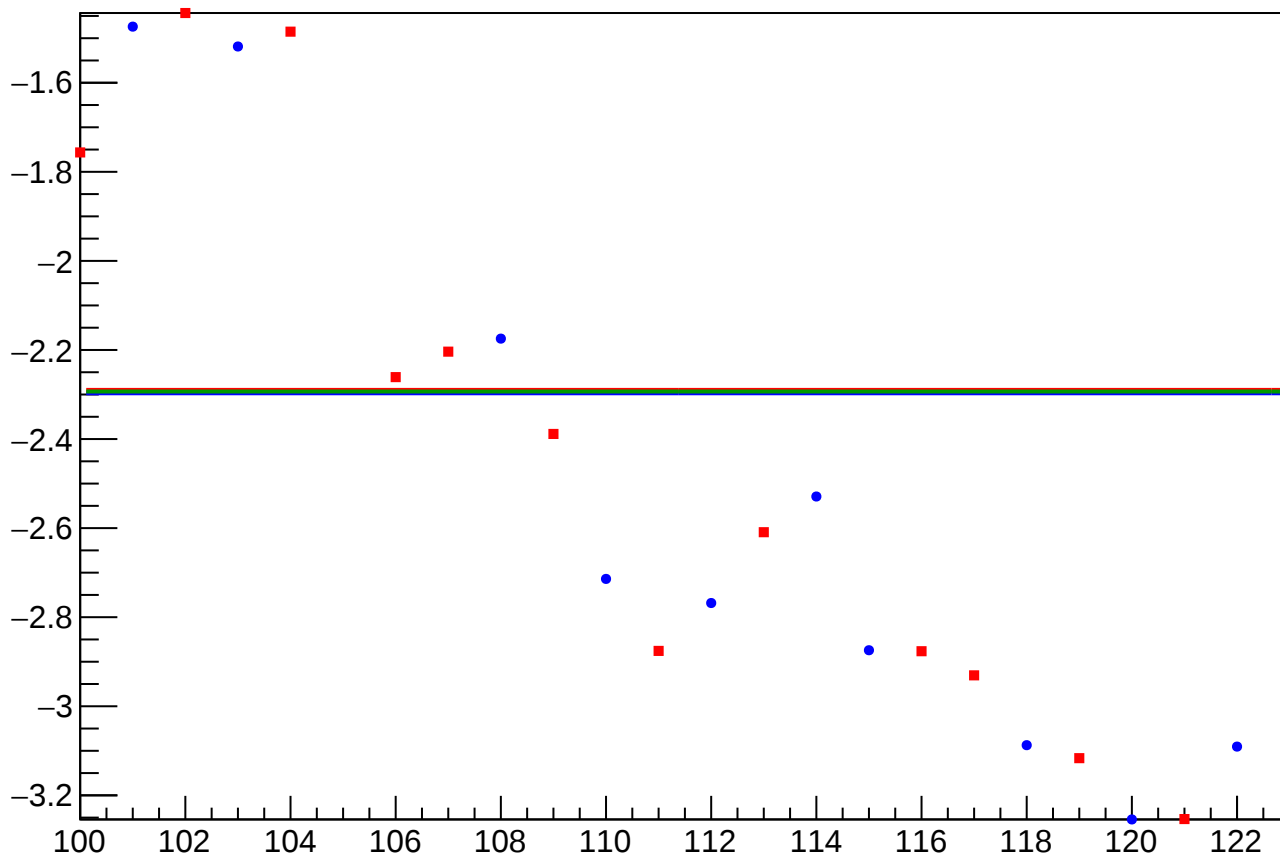
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 107670.9/10

0.007+/-0.000 χ^2/NDF : 313153.8/22

0.007+/-0.000 χ^2/NDF : 195038.0/11

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.297+/-0.000 χ^2/NDF : 44804807031.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.290+/-0.000 χ^2/NDF : 40594231613.2/11

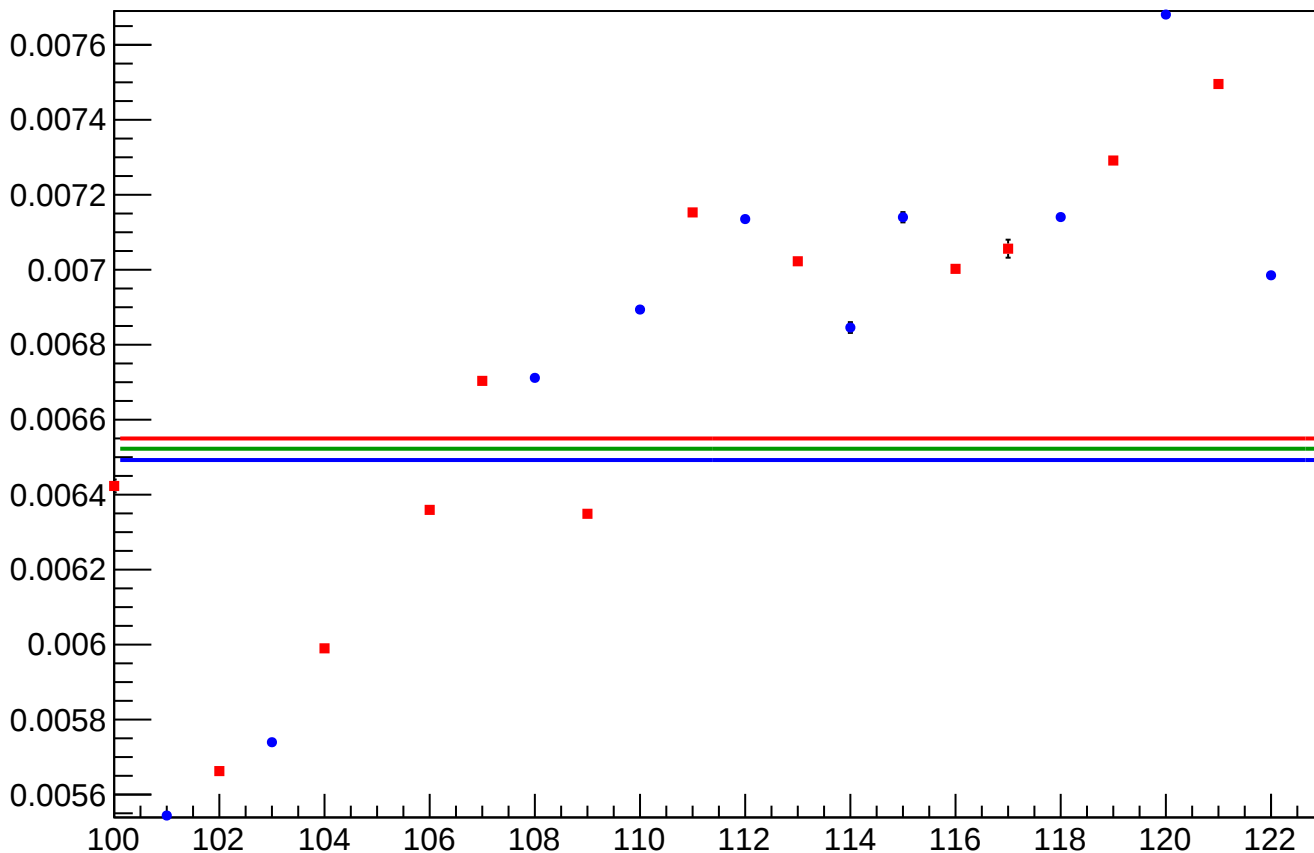
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-2.297+/-0.000 χ^2/NDF : 44804807031.7/10

-2.293+/-0.000 χ^2/NDF : 85401774482.2/11

-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 : 95887.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 72926.9/11

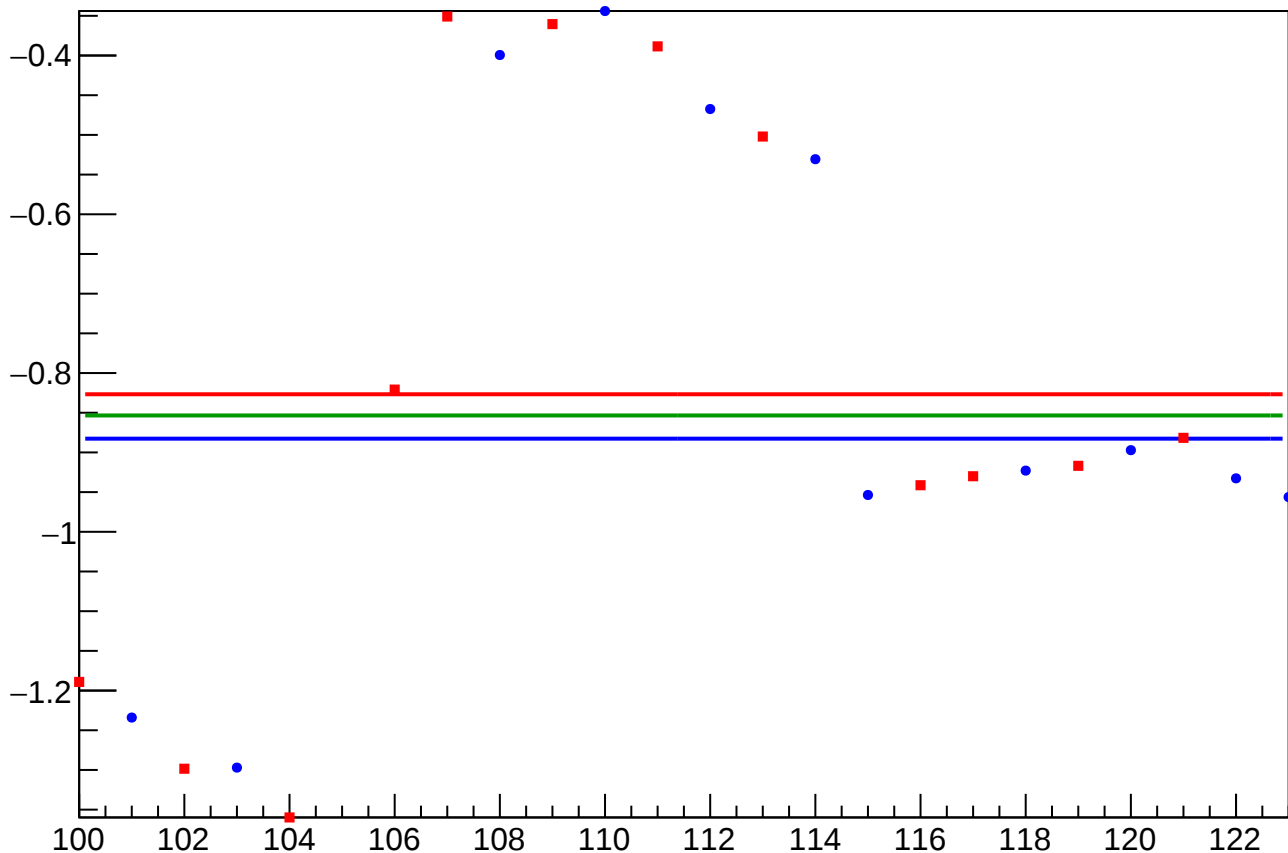
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 95887.8/10

0.007+/-0.000 χ^2/NDF : 169130.2/22

0.007+/-0.000 χ^2/NDF : 72926.9/11

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.883+/-0.000 χ^2/NDF : 3852046277.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.827+/-0.000 χ^2/NDF : 5487294914.2/11

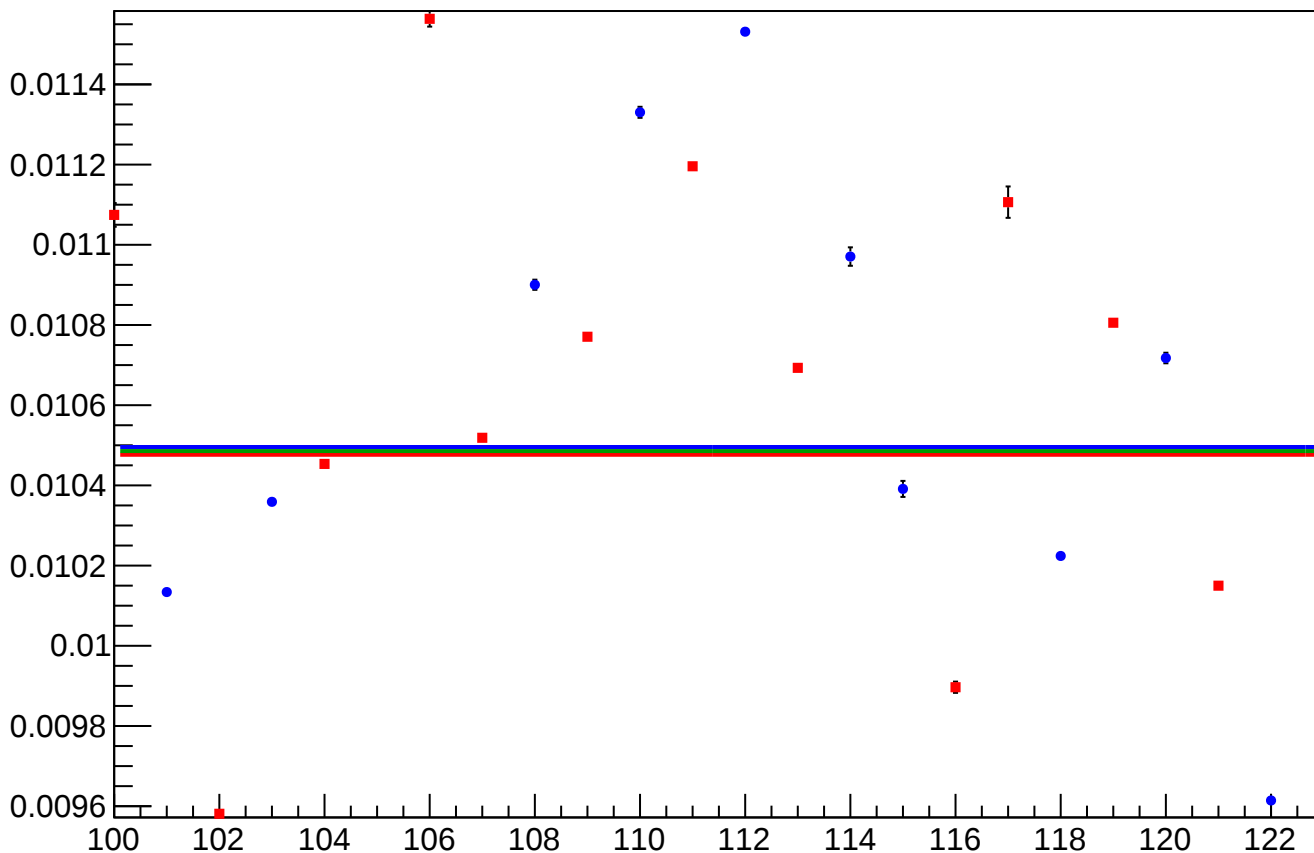
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.883+/-0.000 χ^2/NDF : 3852046277.3/10

-0.853+/-0.000 χ^2/NDF : 9396133396.5/22

-0.827+/-0.000 χ^2/NDF : 5487294914.2/11

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 22492.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 21402.2/11

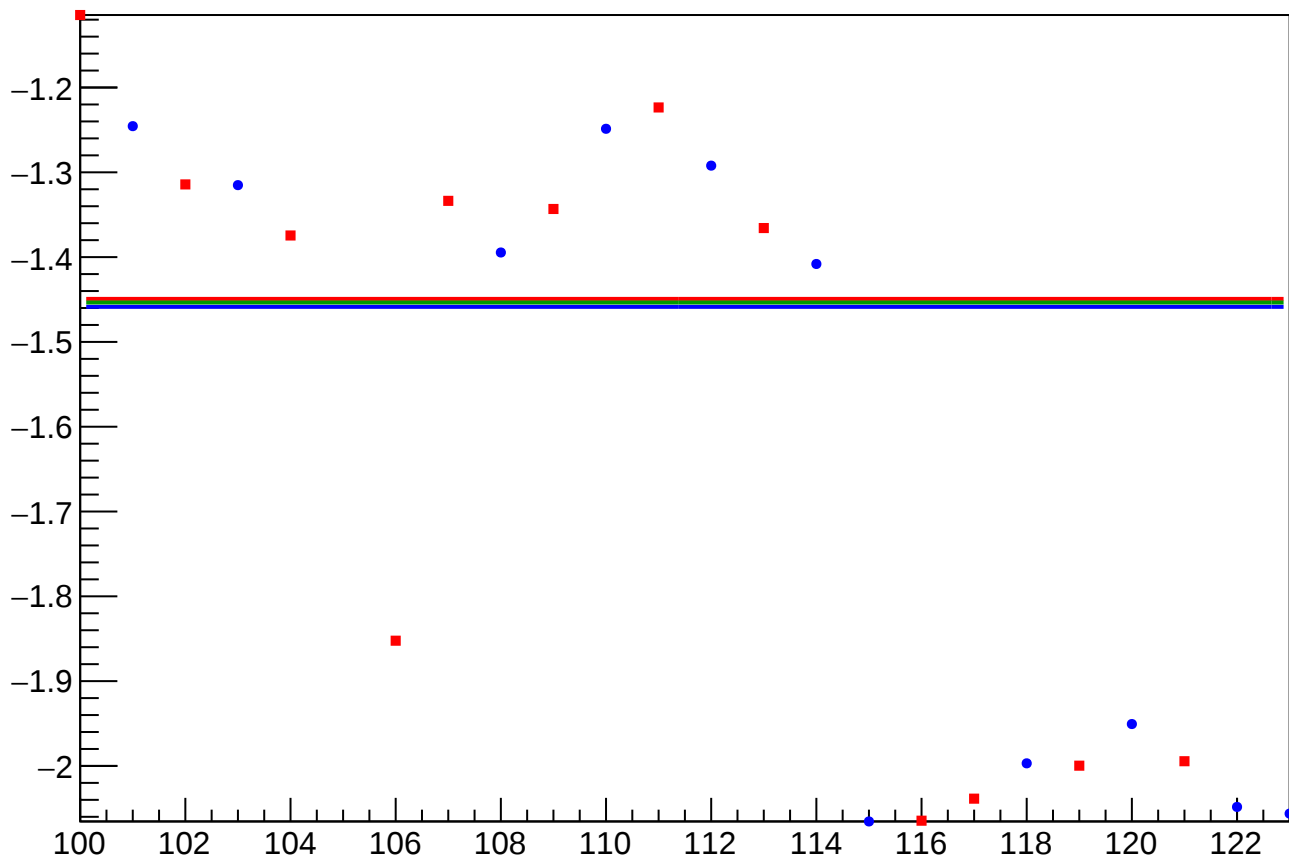
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 22492.4/10

0.010 $\pm$ 0.000 χ^2 /NDF: 43908.2/22

0.010 $\pm$ 0.000 χ^2 /NDF: 21402.2/11

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.459+/-0.000 χ^2 /NDF: 57579184614.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.449+/-0.000 χ^2 /NDF: 50453724857.1/11

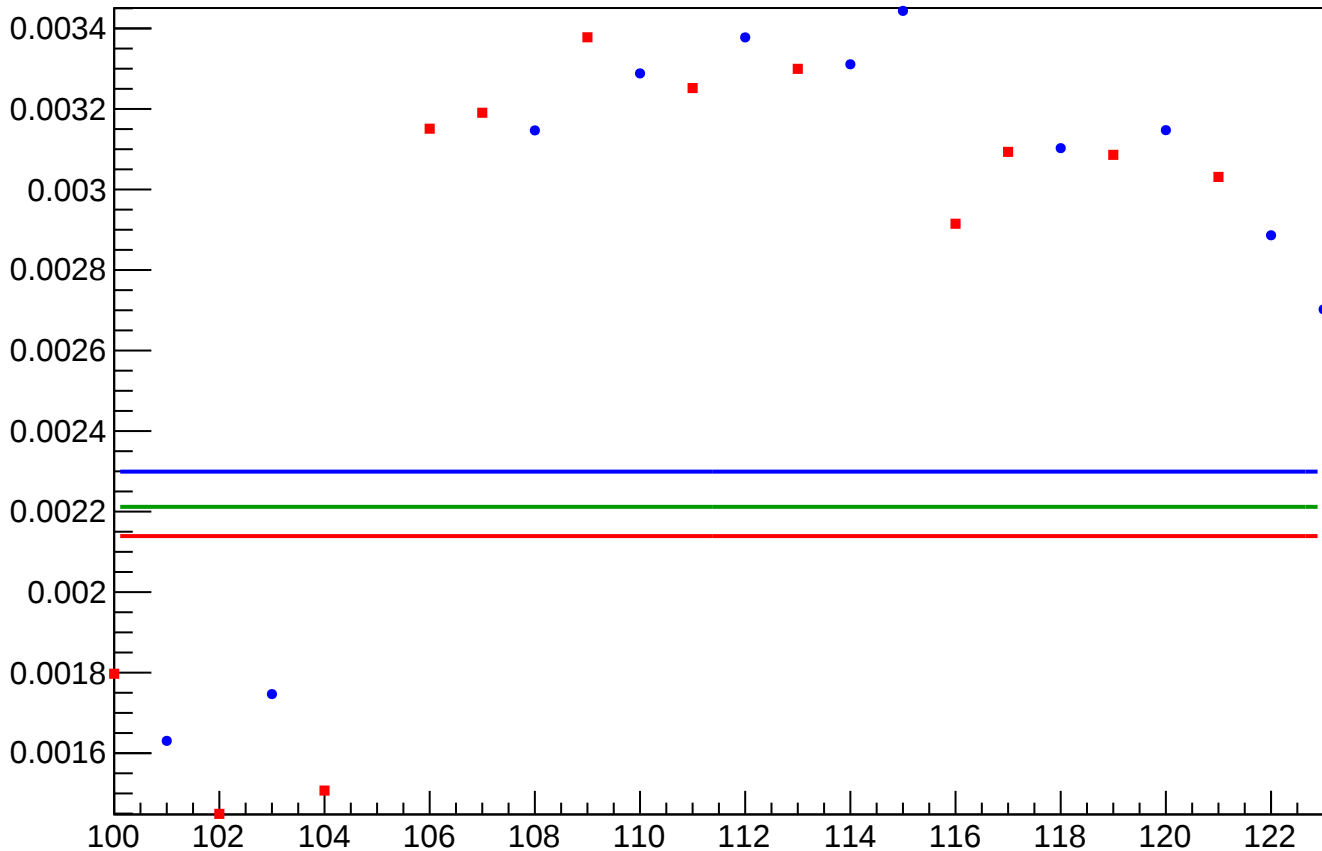
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.459+/-0.000 χ^2 /NDF: 57579184614.5/10

-1.454+/-0.000 χ^2 /NDF: 108061810373.2

-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 : 648158.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 990106.2/11

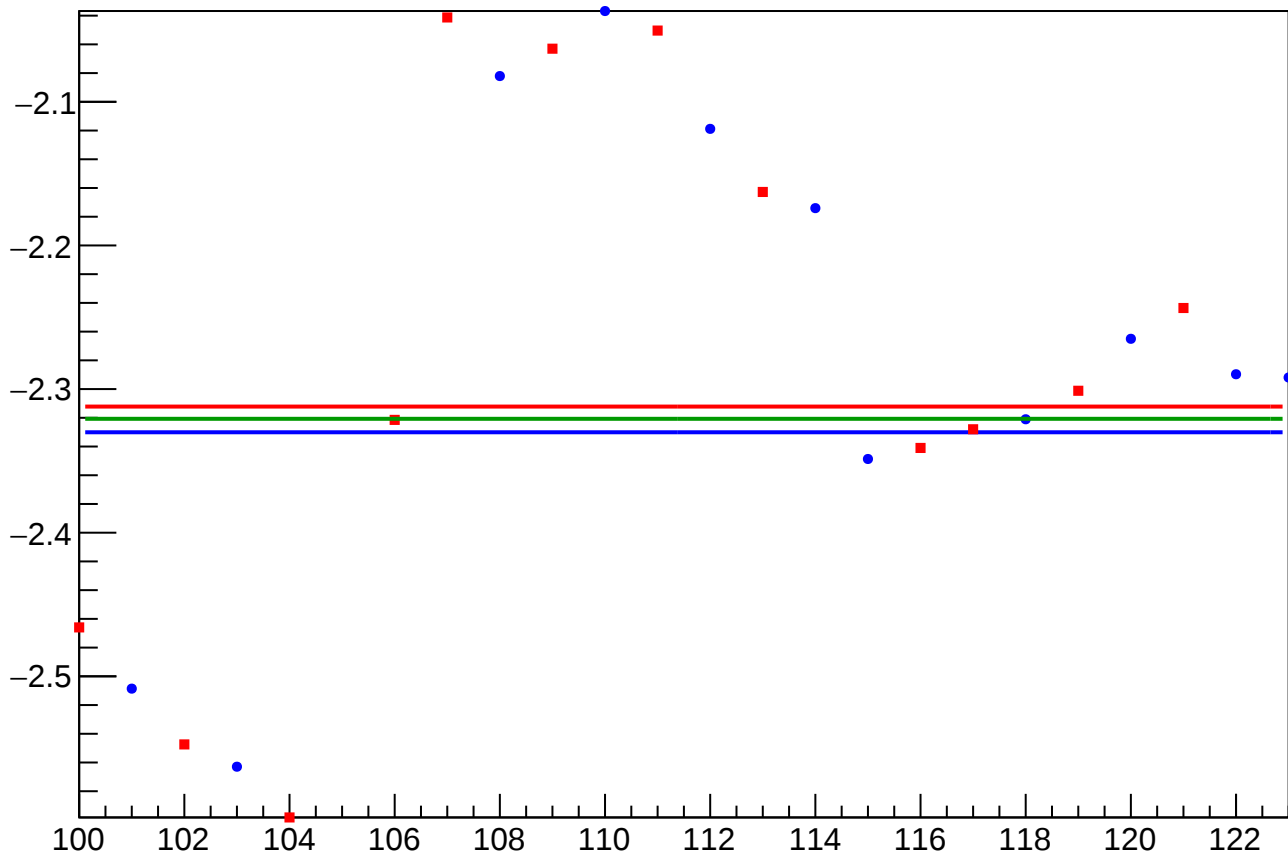
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 648158.2/10

0.002+/-0.000 χ^2/NDF : 1655129.8/22

0.002+/-0.000 χ^2/NDF : 990106.2/11

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330+/-0.000 χ^2/NDF : 2997258196.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.312+/-0.000 χ^2/NDF : 4392846304.9/11

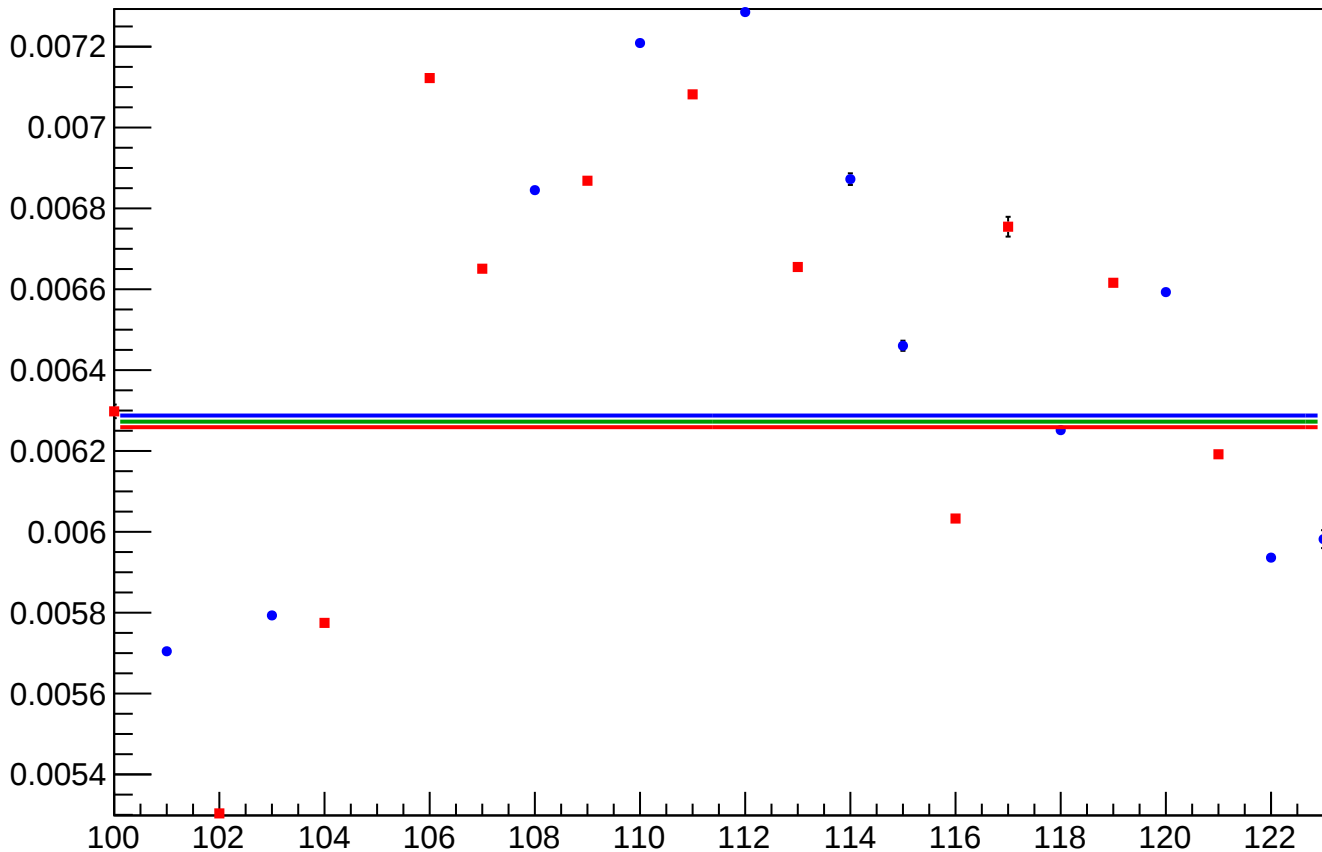
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.330+/-0.000 χ^2/NDF : 2997258196.3/10

-2.321+/-0.000 χ^2/NDF : 7406056310.9/2

-2.312+/-0.000 χ^2/NDF : 4392846304.9/11

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59534.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 76104.9/11

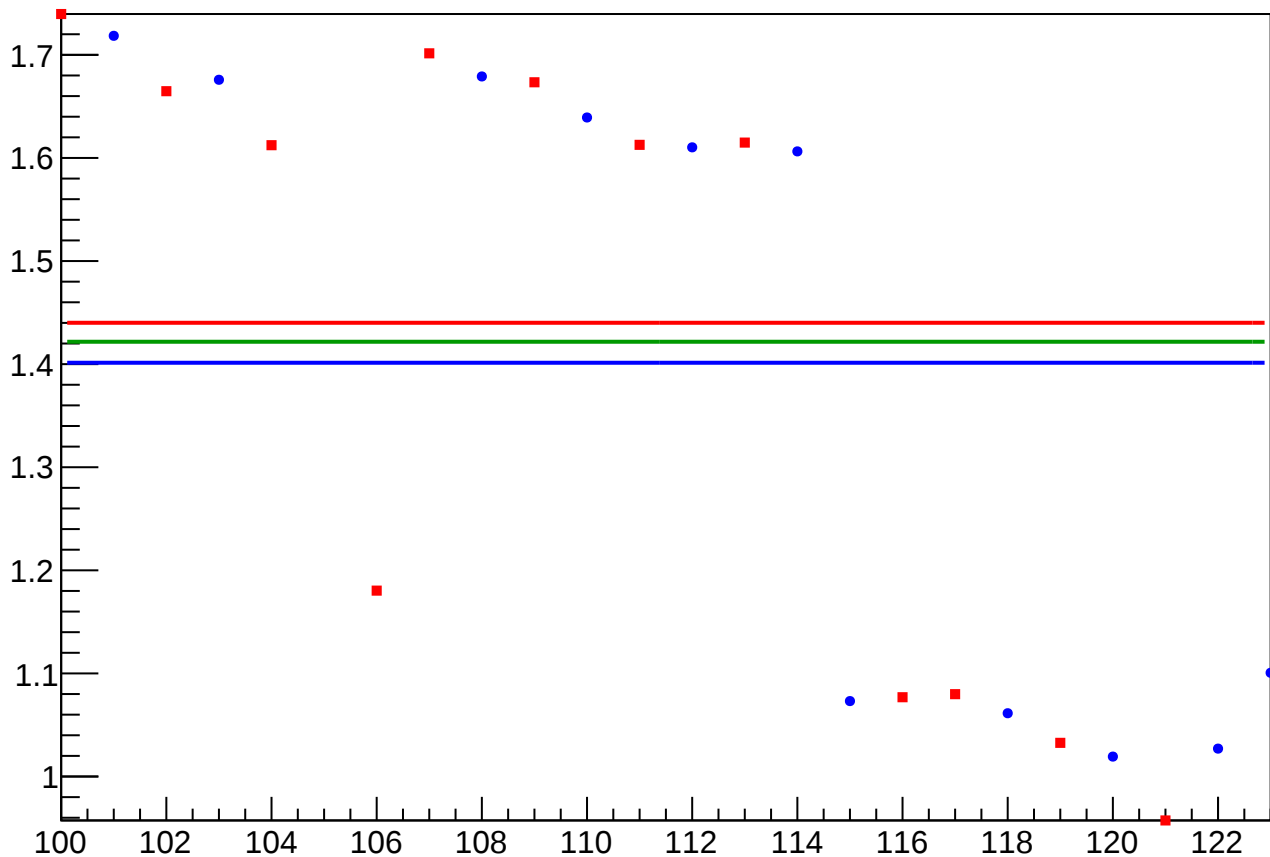
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 59534.4/10

0.006+/-0.000 χ^2/NDF : 135722.2/22

0.006+/-0.000 χ^2/NDF : 76104.9/11

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.401+/-0.000 χ^2/NDF : 79961248081.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.440+/-0.000 χ^2/NDF : 80196929276.1/11

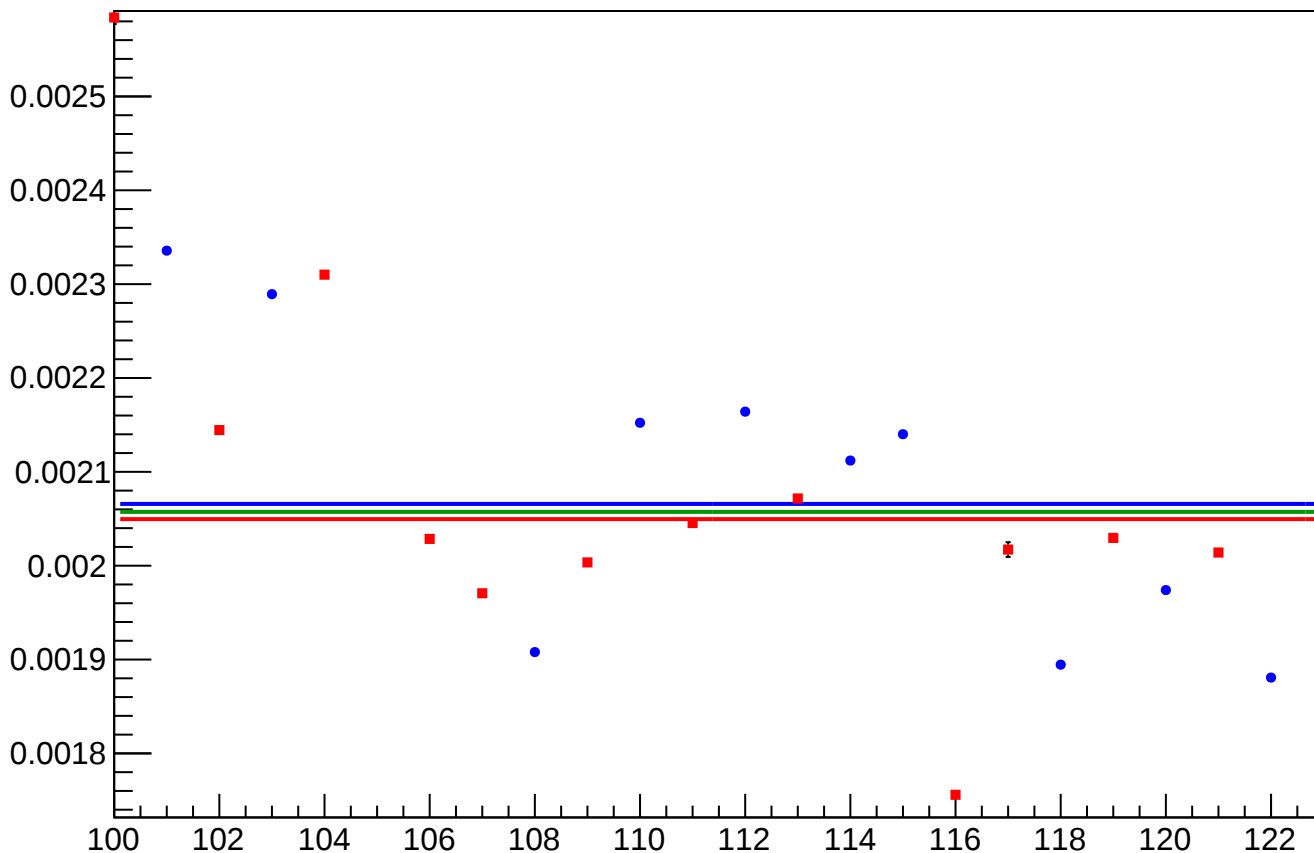
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.401+/-0.000 χ^2/NDF : 79961248081.8/10

1.422+/-0.000 χ^2/NDF : 160823768867.3/11

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 : 51899.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 35767.9/11

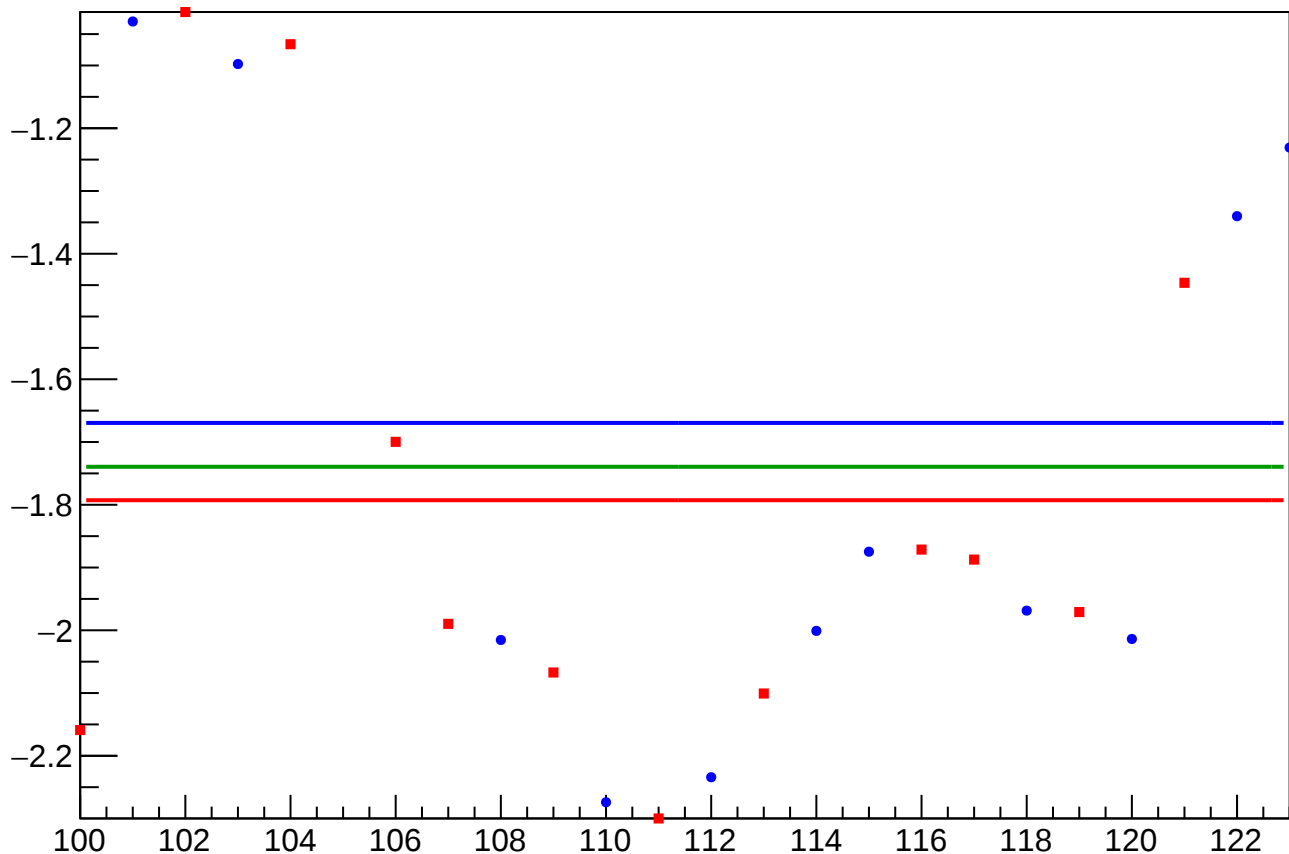
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 51899.2/10

0.002+/-0.000 χ^2/NDF : 87899.2/22

0.002+/-0.000 χ^2/NDF : 35767.9/11

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.670+/-0.000 χ^2/NDF : 17110983792.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.793+/-0.000 χ^2/NDF : 18422574520.2/11

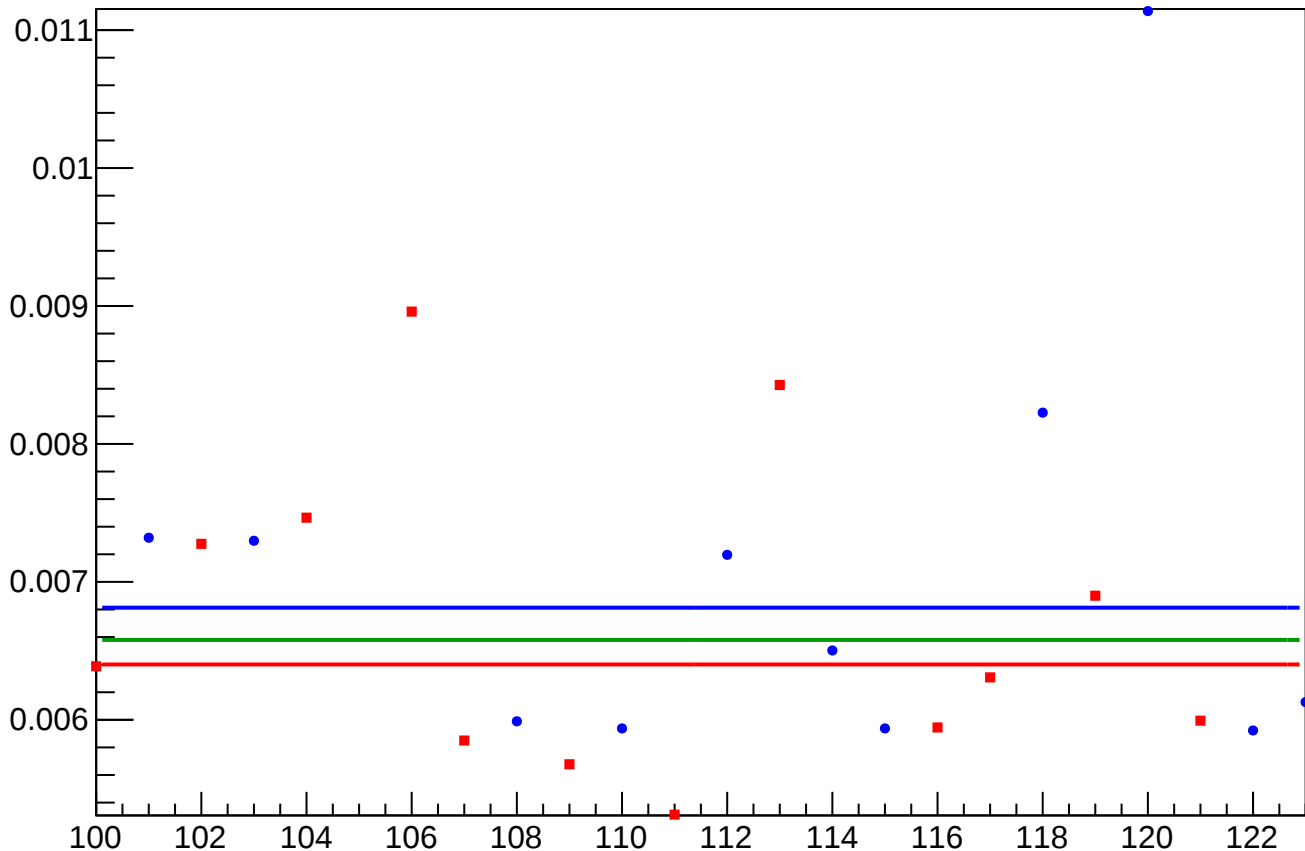
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.670+/-0.000 χ^2/NDF : 17110983792.2/10

-1.739+/-0.000 χ^2/NDF : 36162873481.1/10

-1.793+/-0.000 χ^2/NDF : 18422574520.2/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 170346.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 181103.1/11

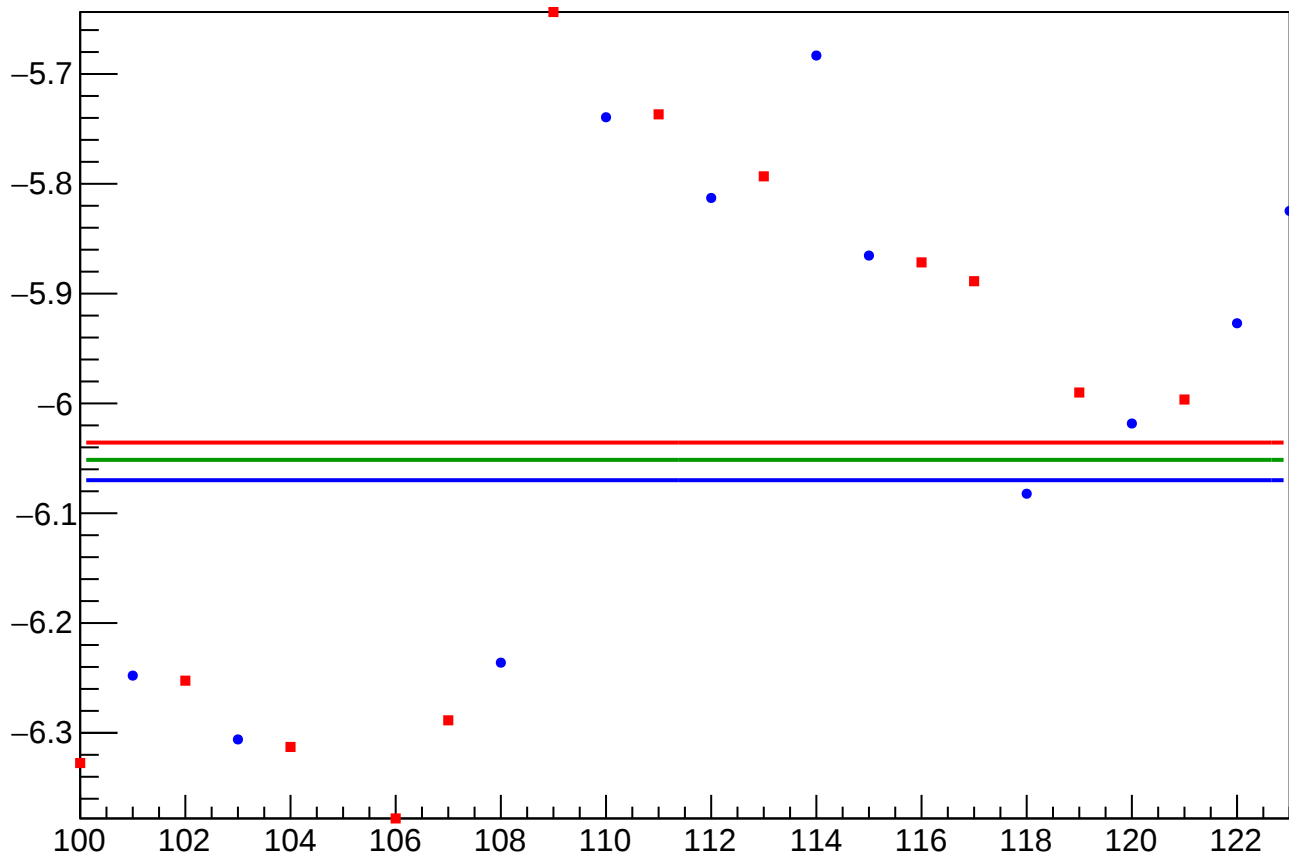
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 170346.0/10

0.007+/-0.000 χ^2/NDF : 365508.7/22

0.006+/-0.000 χ^2/NDF : 181103.1/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.070+/-0.000 χ^2/NDF : 4824956328.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.036+/-0.000 χ^2/NDF : 8161274354.4/11

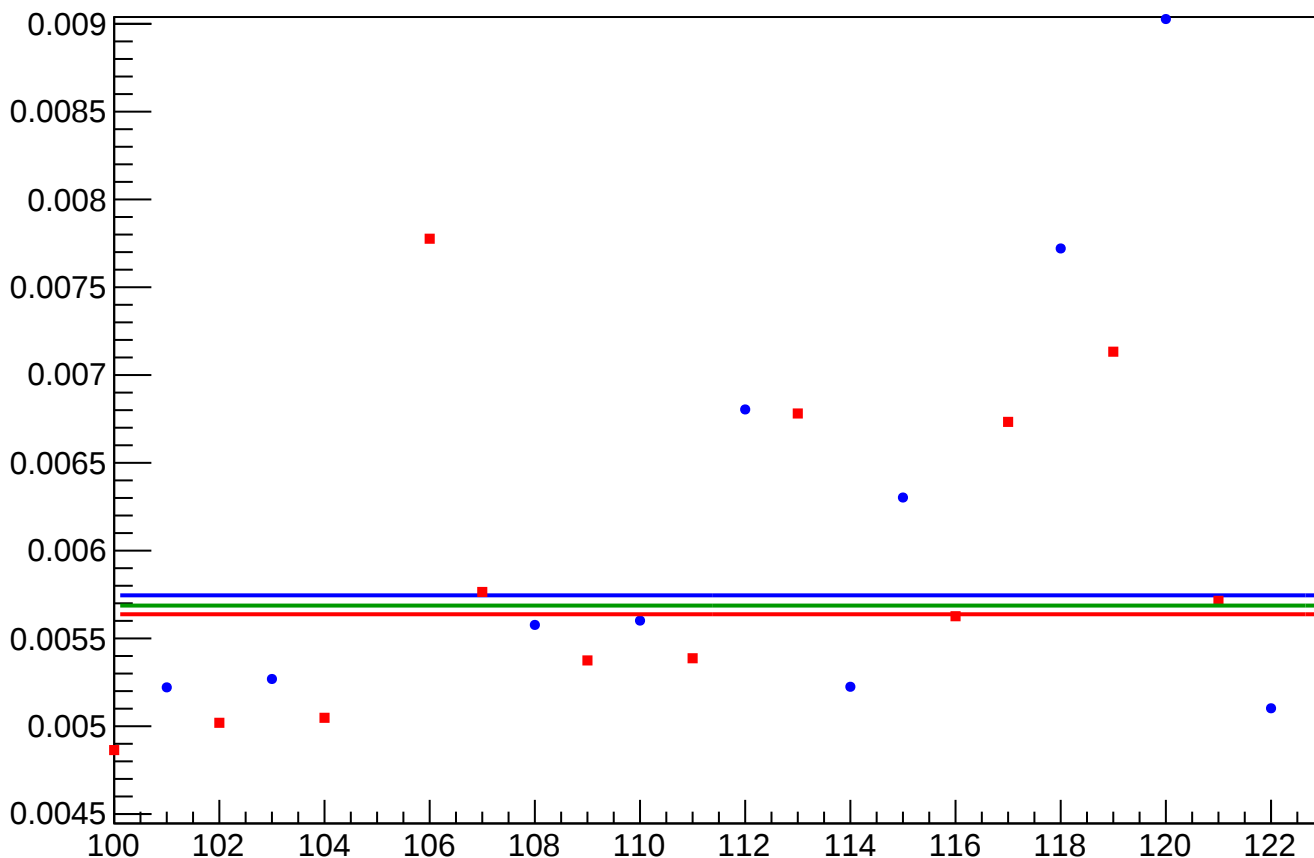
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.070+/-0.000 χ^2/NDF : 4824956328.9/10

-6.051+/-0.000 χ^2/NDF : 13051996497.6/10

-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 : 196335.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 134518.6/11

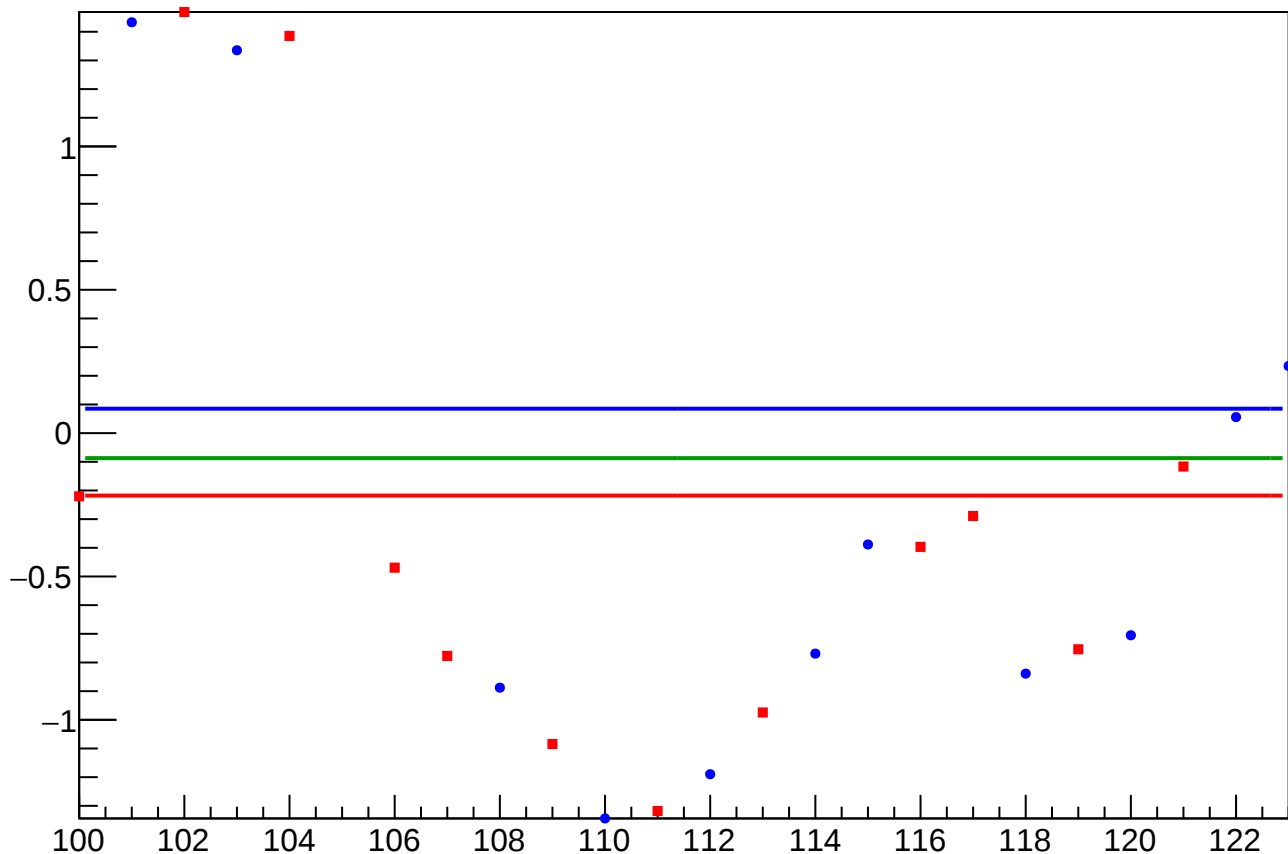
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 196335.7/10

0.006+/-0.000 χ^2/NDF : 332154.6/22

0.006+/-0.000 χ^2/NDF : 134518.6/11

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.085+/-0.000 χ^2/NDF : 16319580896.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.218+/-0.000 χ^2/NDF : 19595840291.4/11

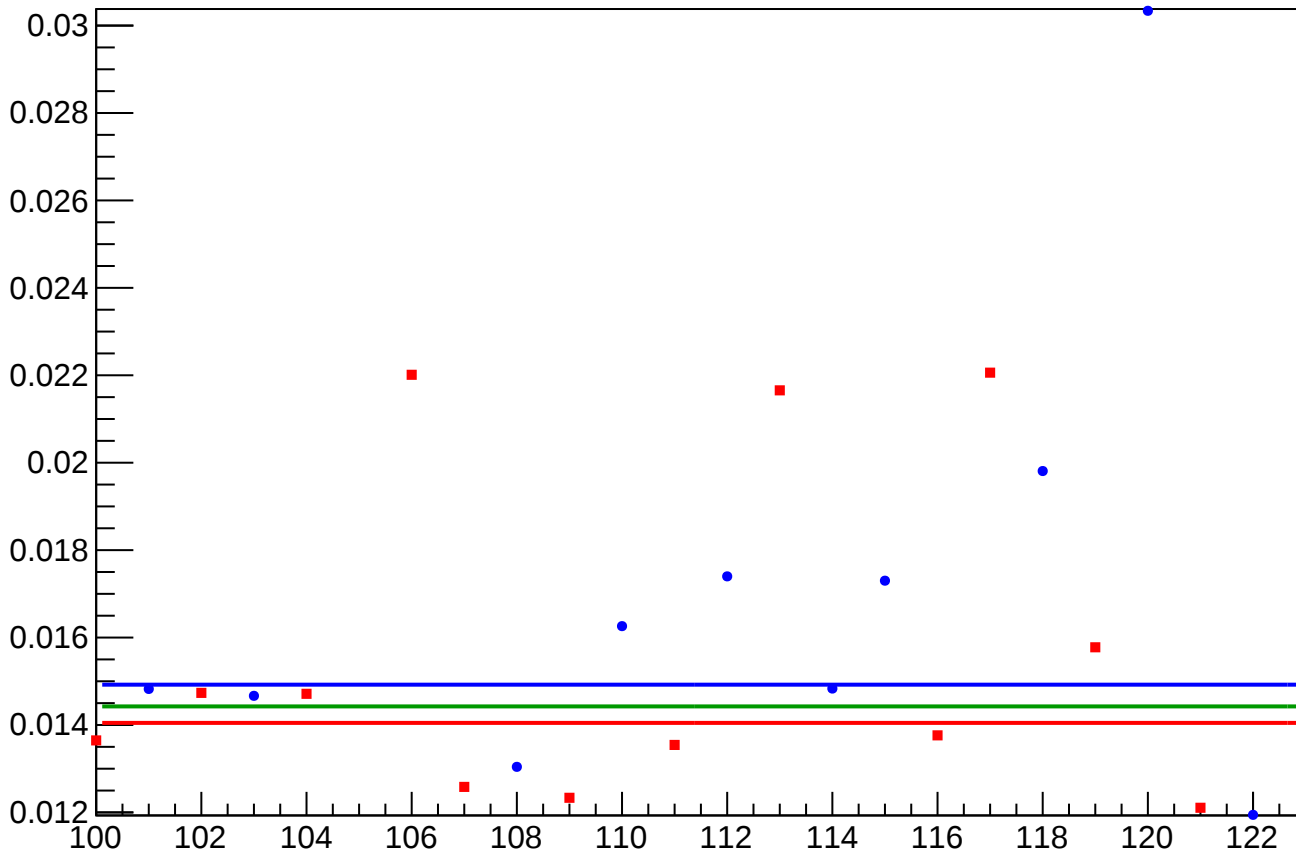
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.085+/-0.000 χ^2/NDF : 16319580896.5/10

-0.087+/-0.000 χ^2/NDF : 36673268314.1/11

-0.218+/-0.000 χ^2/NDF : 19595840291.4/11

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 271124.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 203025.3/11

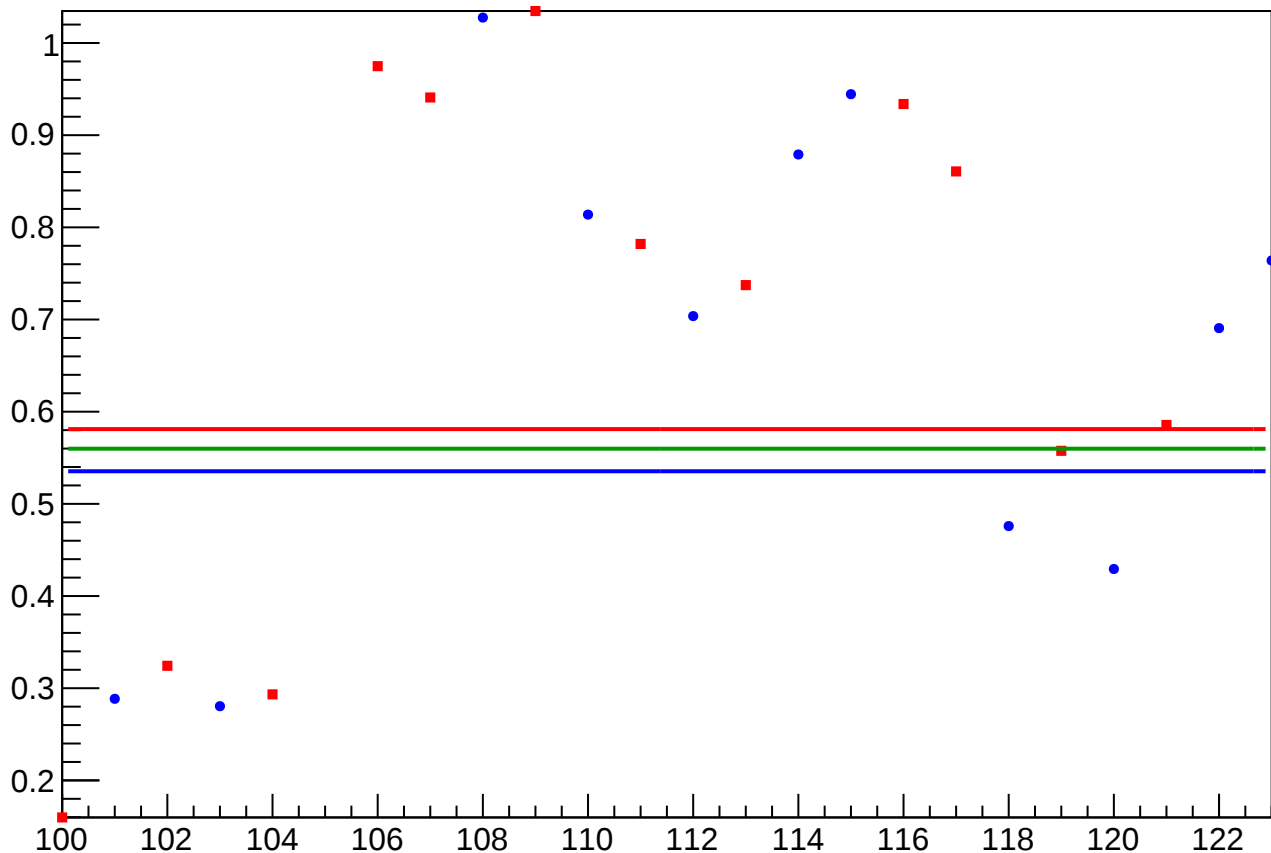
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 271124.9/10

0.014+/-0.000 χ^2/NDF : 486759.0/22

0.014+/-0.000 χ^2/NDF : 203025.3/11

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.535+/-0.000 χ^2/NDF : 3754562146.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.581+/-0.000 χ^2/NDF : 4836337939.4/11

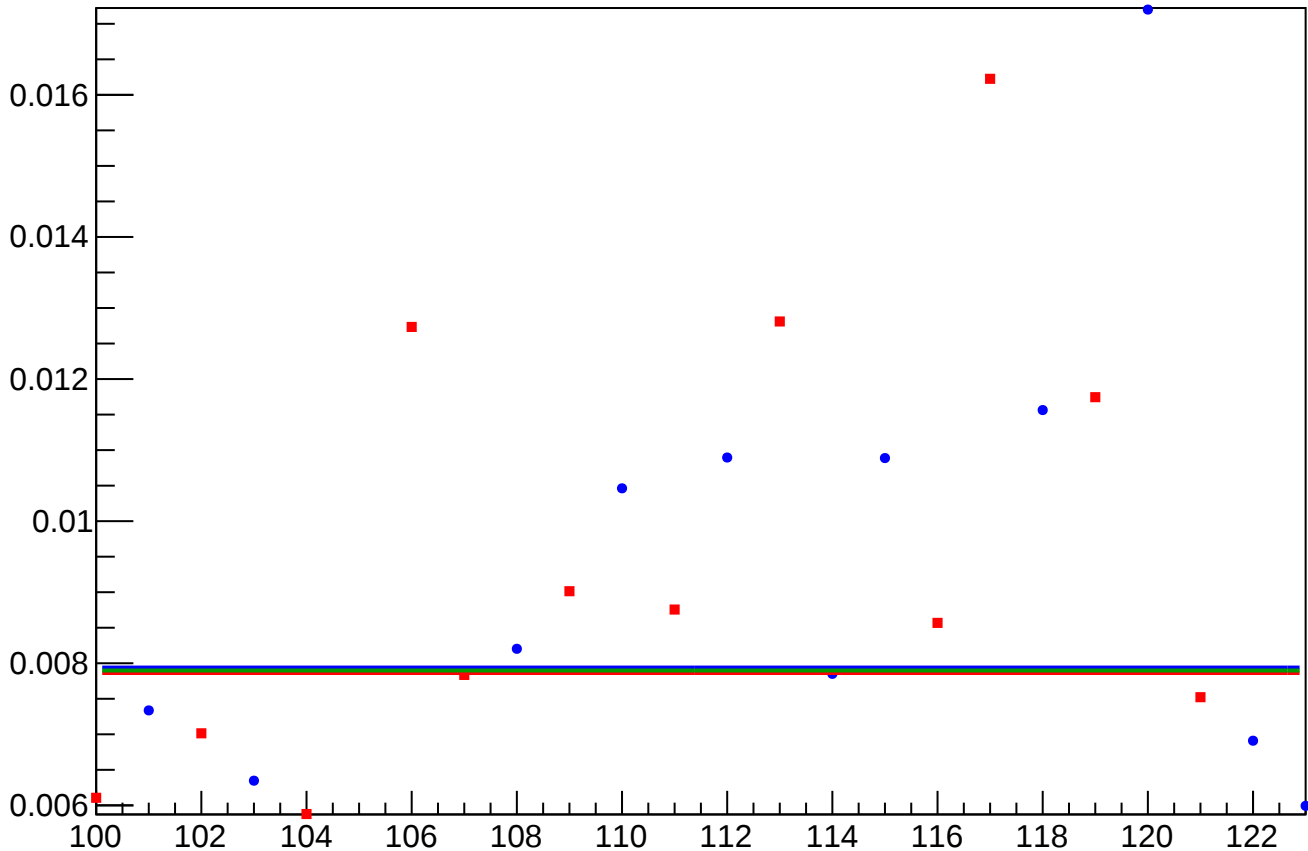
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.535+/-0.000 χ^2/NDF : 3754562146.4/10

0.560+/-0.000 χ^2/NDF : 8647269409.9/22

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 : 444684.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 421111.0/11

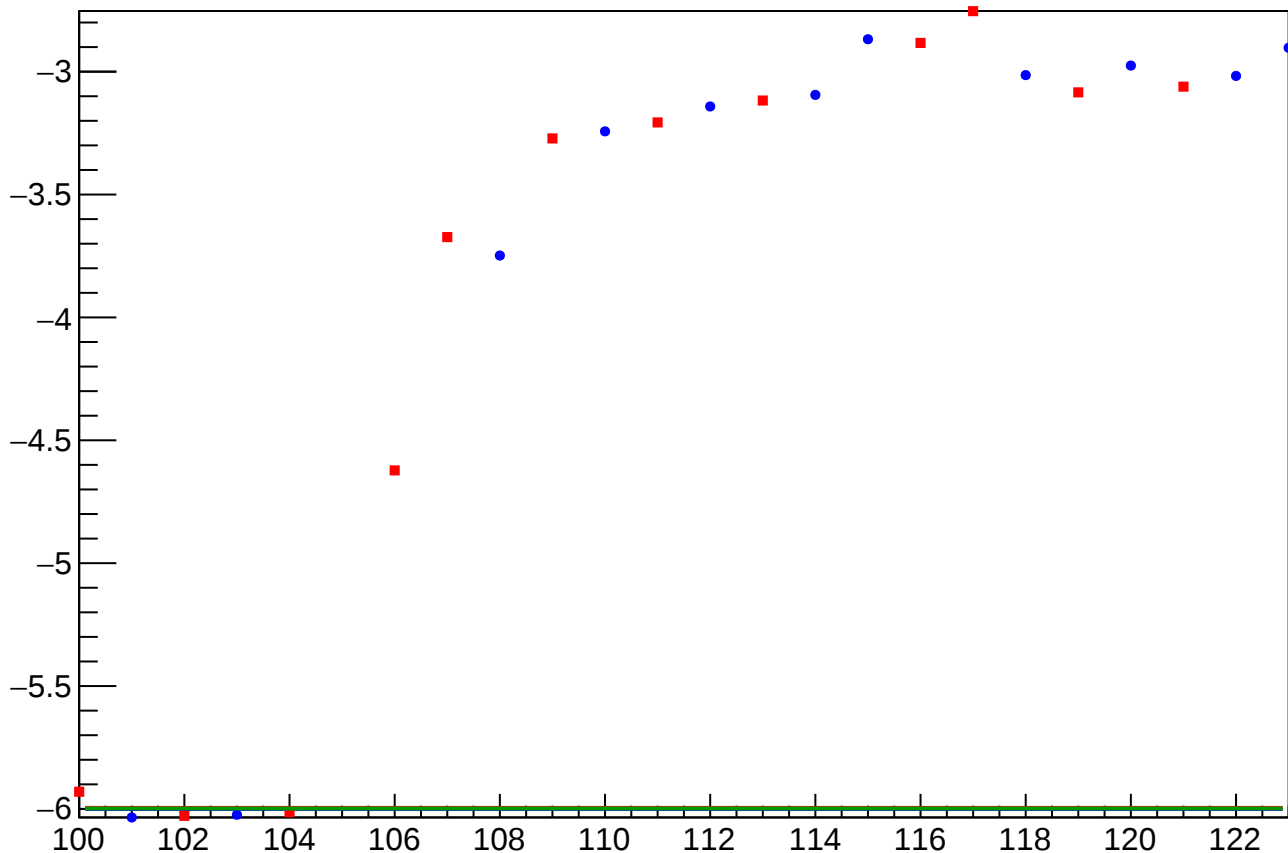
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 444684.6/10

0.008+/-0.000 χ^2/NDF : 866110.9/22

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 : 3473999071.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.996+/-0.000 χ^2/NDF : 2445622190.2/11

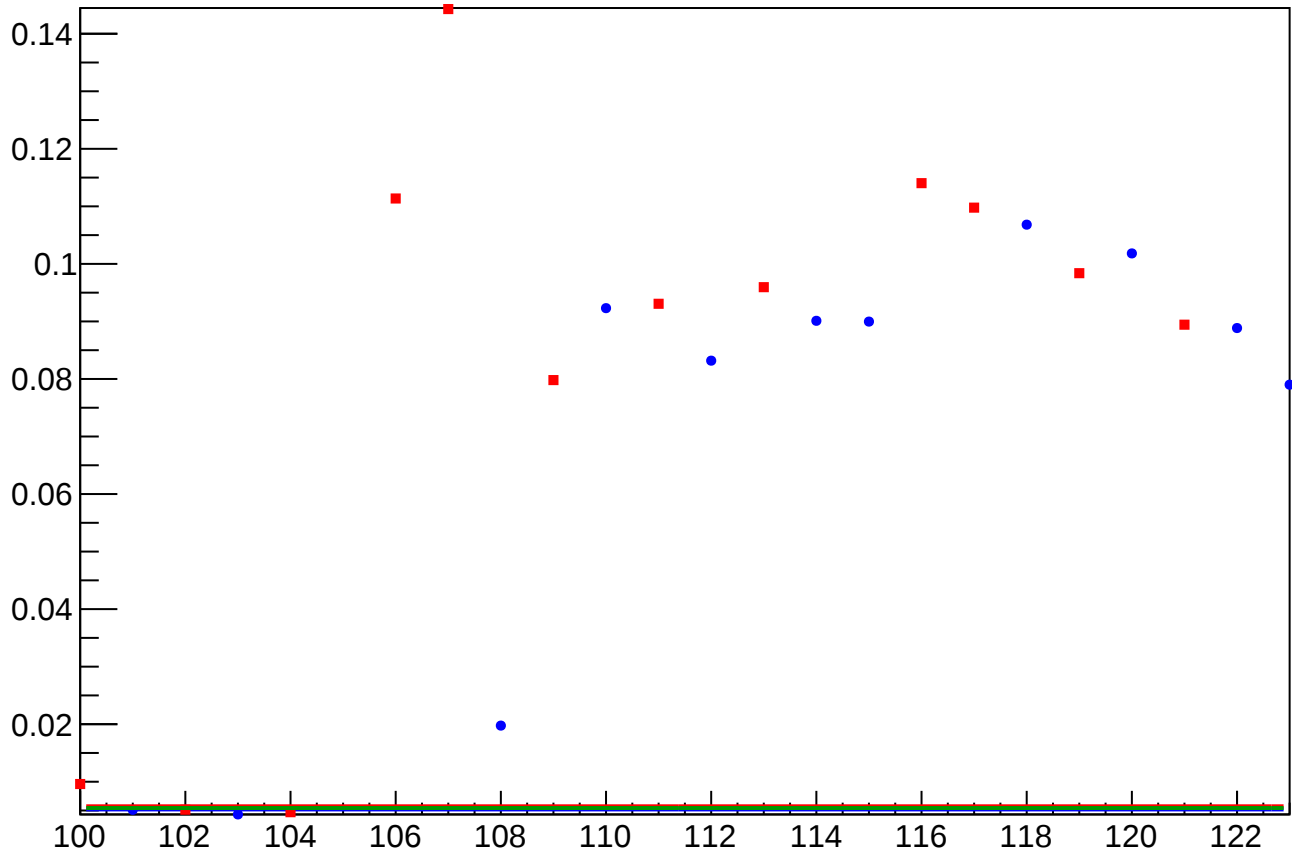
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.000+/-0.000 χ^2/NDF : 3473999071.7/10

-5.998+/-0.000 χ^2/NDF : 5919958805.6/21

-5.996+/-0.000 χ^2/NDF : 2445622190.2/11

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3882319.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5382725.2/11

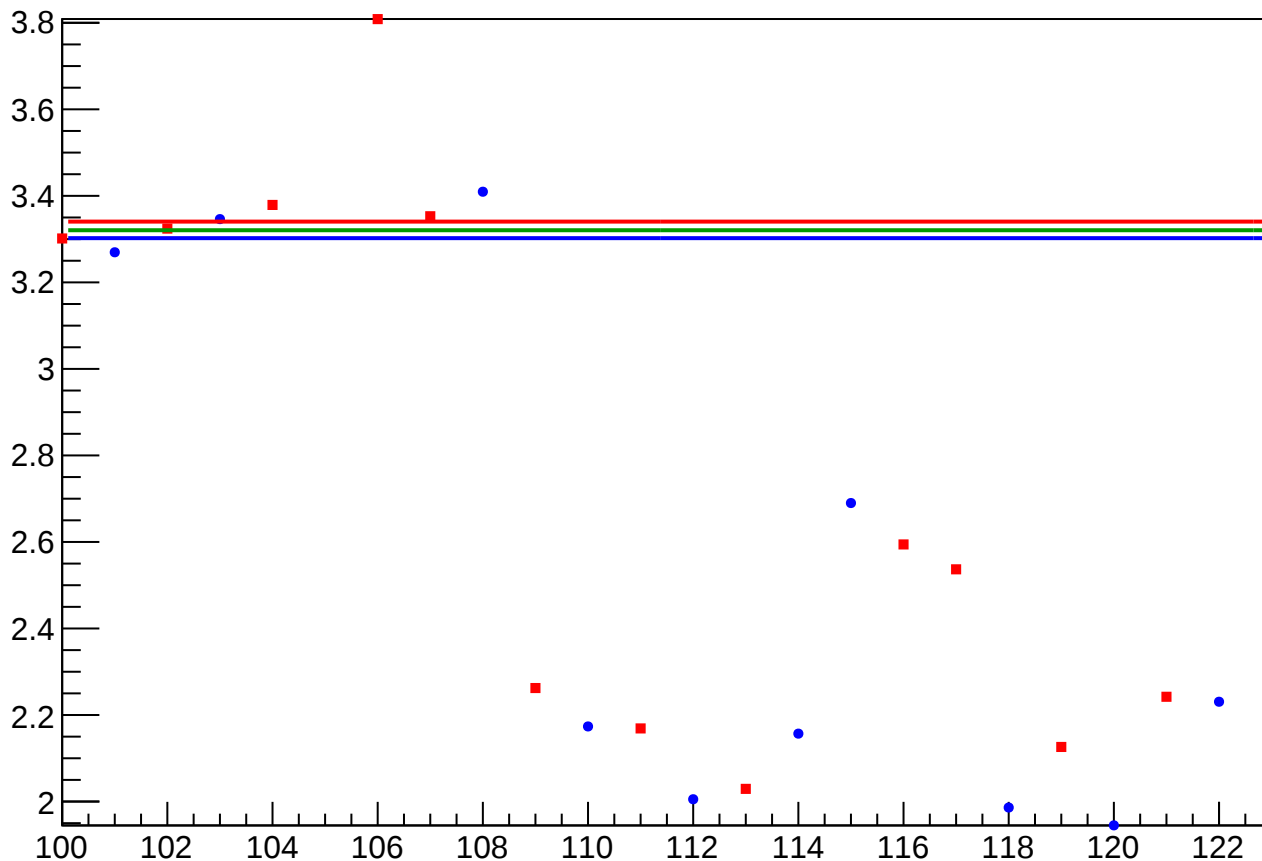
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 3882319.6/10

0.005+/-0.000 χ^2/NDF : 9277267.3/22

0.006+/-0.000 χ^2/NDF : 5382725.2/11

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.302+/-0.000 χ^2/NDF : 359347575.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.340+/-0.000 χ^2/NDF : 375716832.5/11

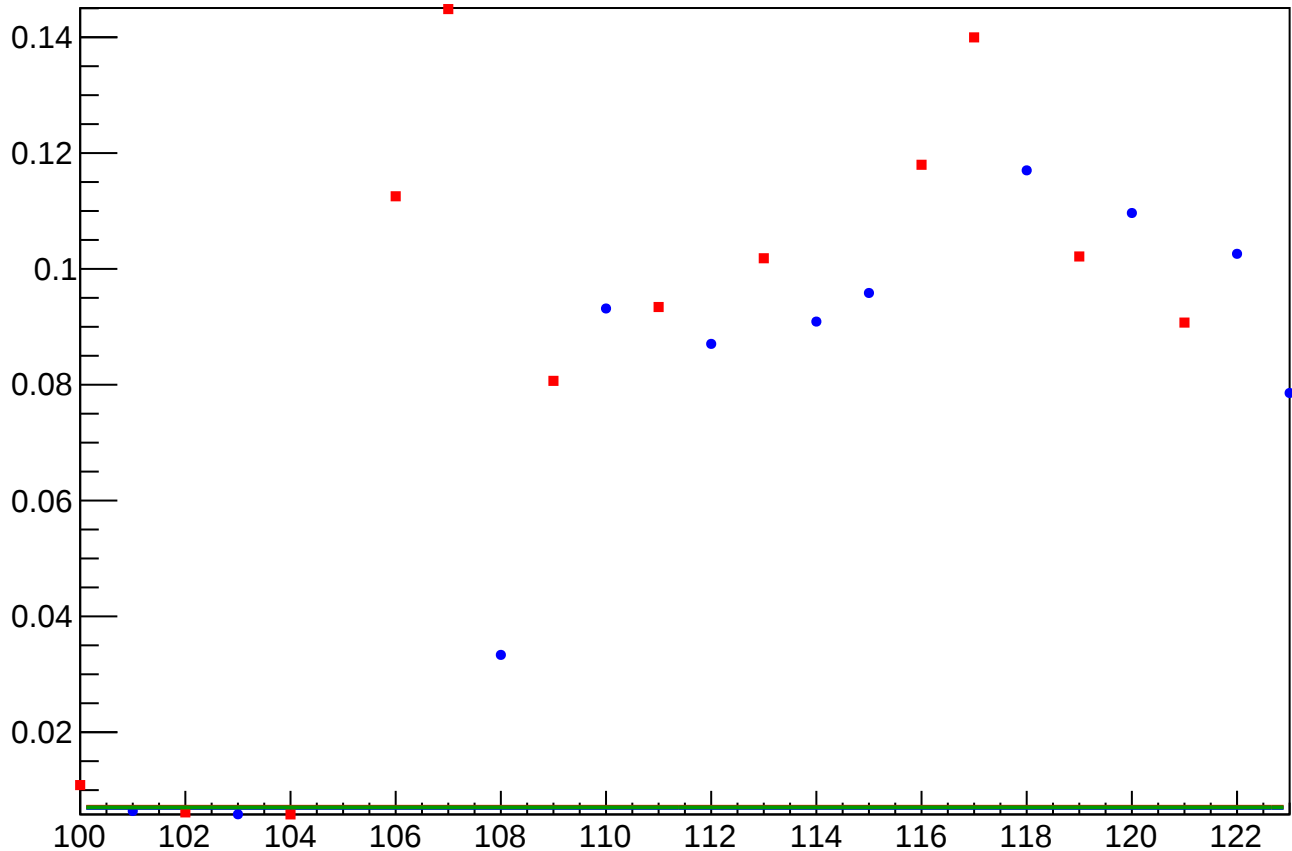
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.302+/-0.000 χ^2/NDF : 359347575.4/10

3.321+/-0.000 χ^2/NDF : 754780128.3/22

3.340+/-0.000 χ^2/NDF : 375716832.5/11

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3926275.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5248139.7/11

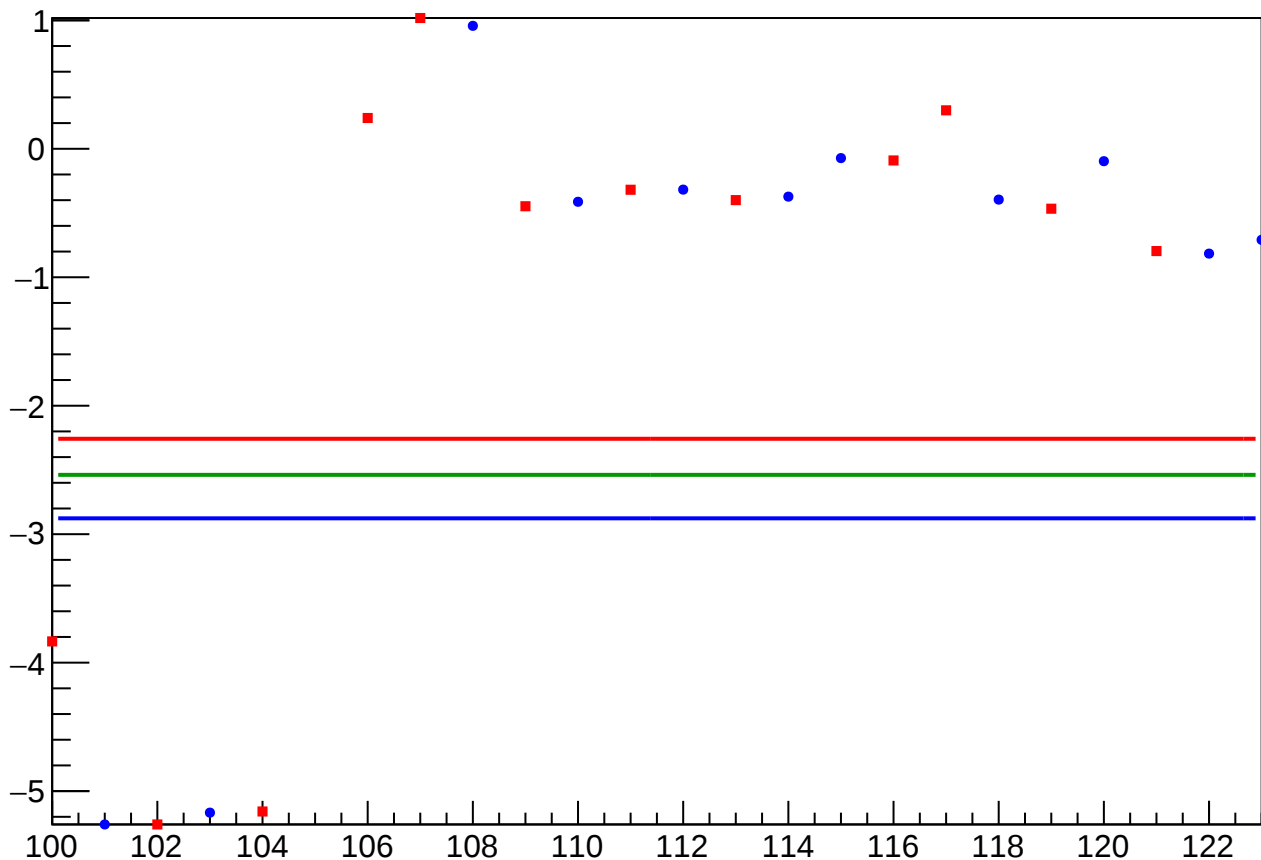
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 3926275.4/10

0.007+/-0.000 χ^2/NDF : 9175254.7/22

0.007+/-0.000 χ^2/NDF : 5248139.7/11

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.877+/-0.000 χ^2 /NDF: 95903810830.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.877+/-0.000 χ^2 /NDF: 95903810830.0/10

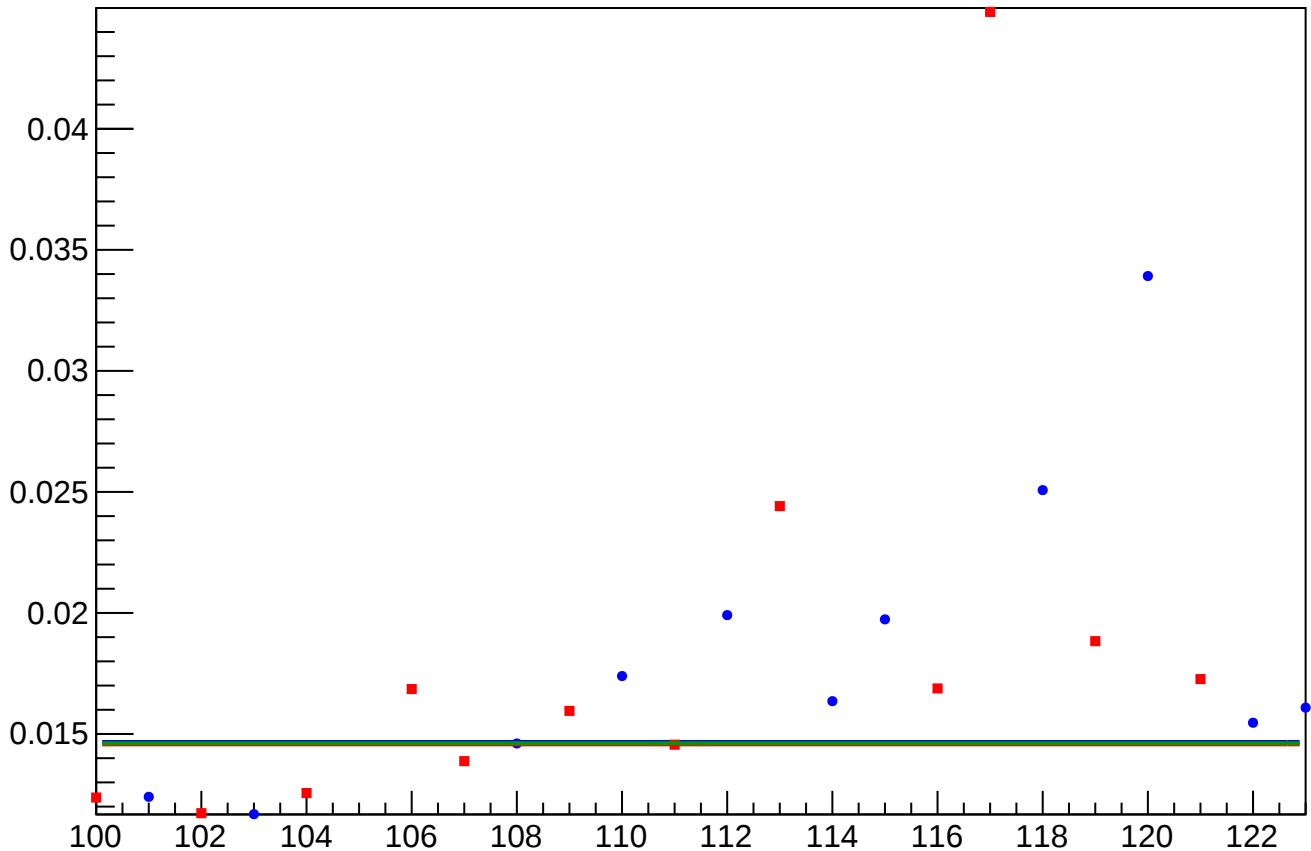
-2.538+/-0.000 χ^2 /NDF: 210521214657.2

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 : 496828.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 307172.3/11

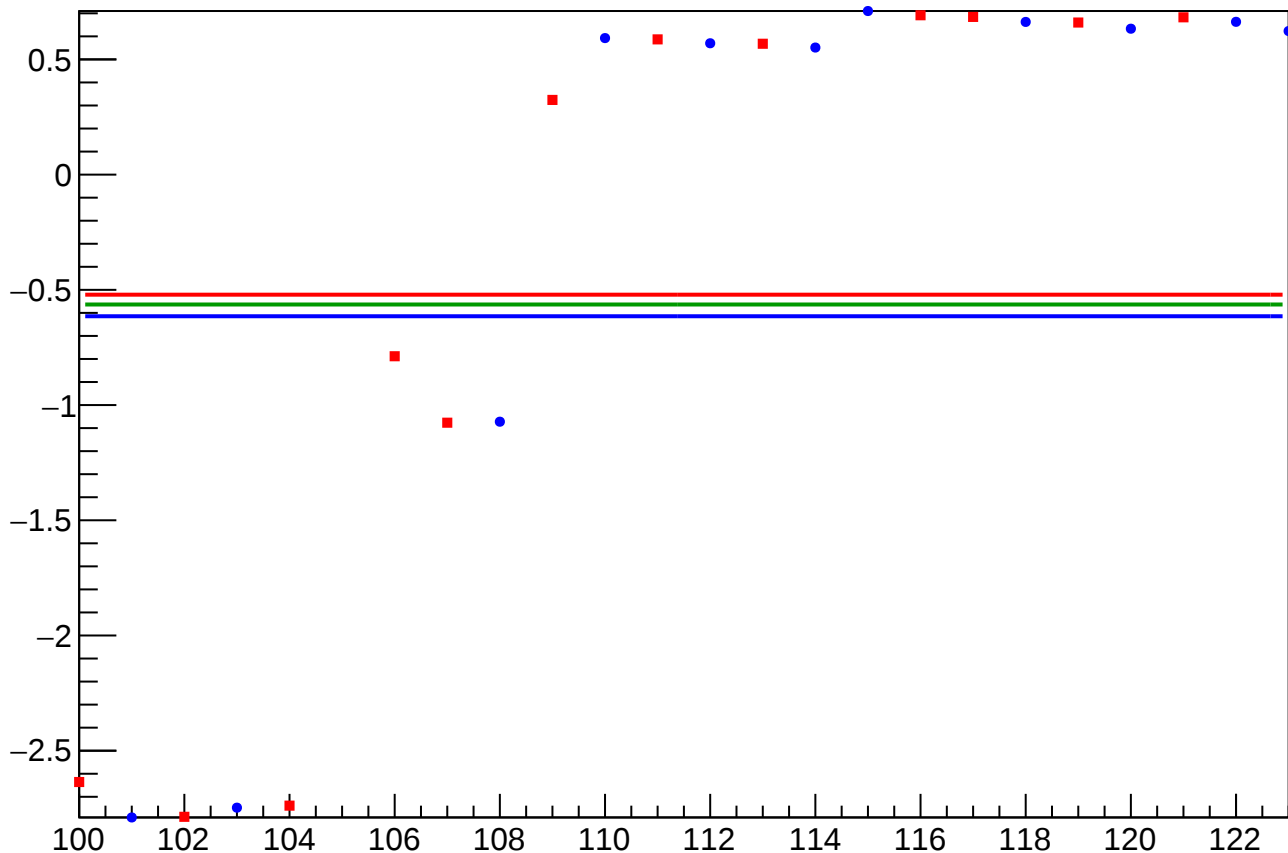
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 496828.2/10

0.015+/-0.000 χ^2/NDF : 804152.6/22

0.015+/-0.000 χ^2/NDF : 307172.3/11

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.615+/-0.000 χ^2/NDF : 578571137291.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.615+/-0.000 χ^2/NDF : 578571137291.0/10

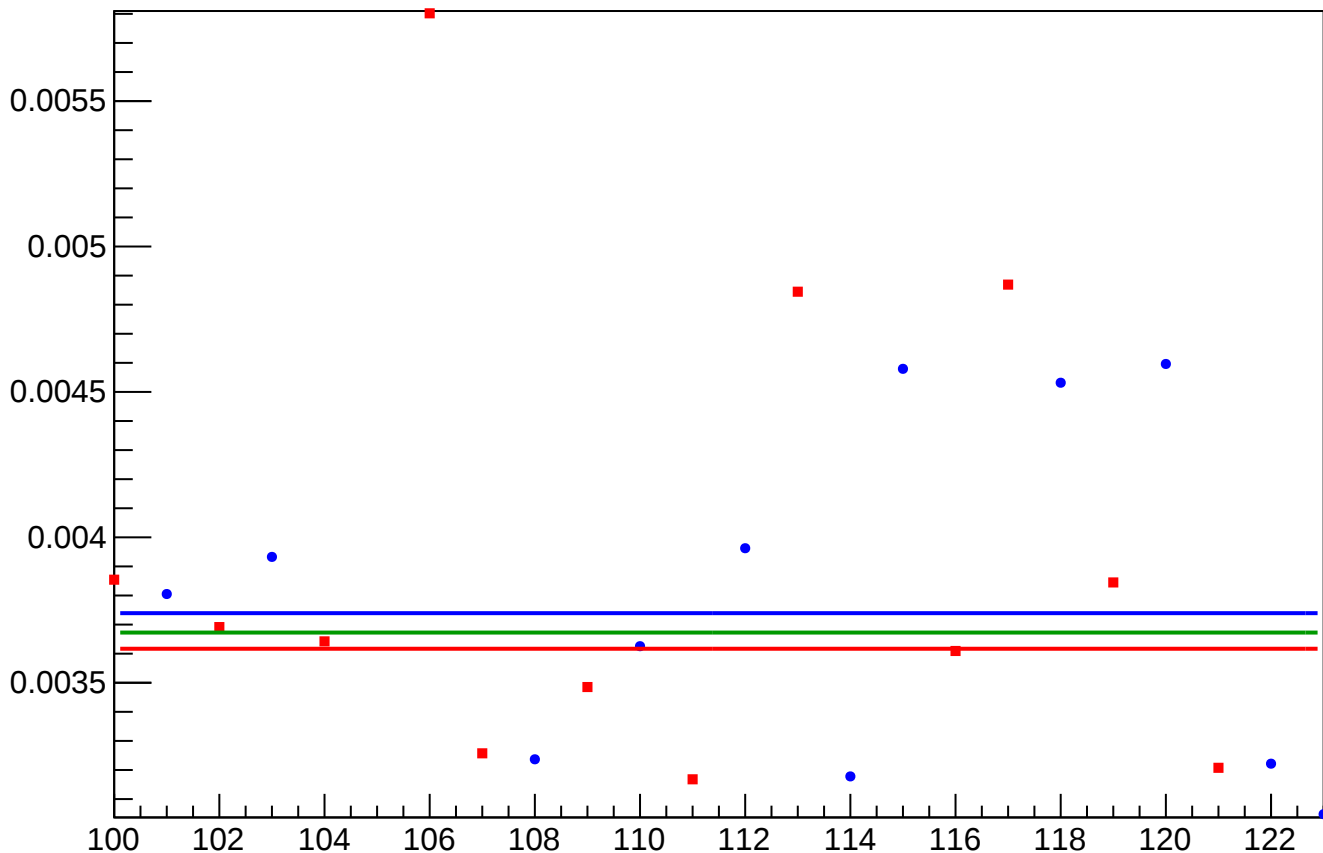
-0.564+/-0.000 χ^2/NDF : 1215556338651.0/10

Right Out: -0.521+/-0.000 χ^2/NDF : 635765380033.8/11

-0.521+/-0.000 χ^2/NDF : 635765380033.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 110984.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 173849.2/11

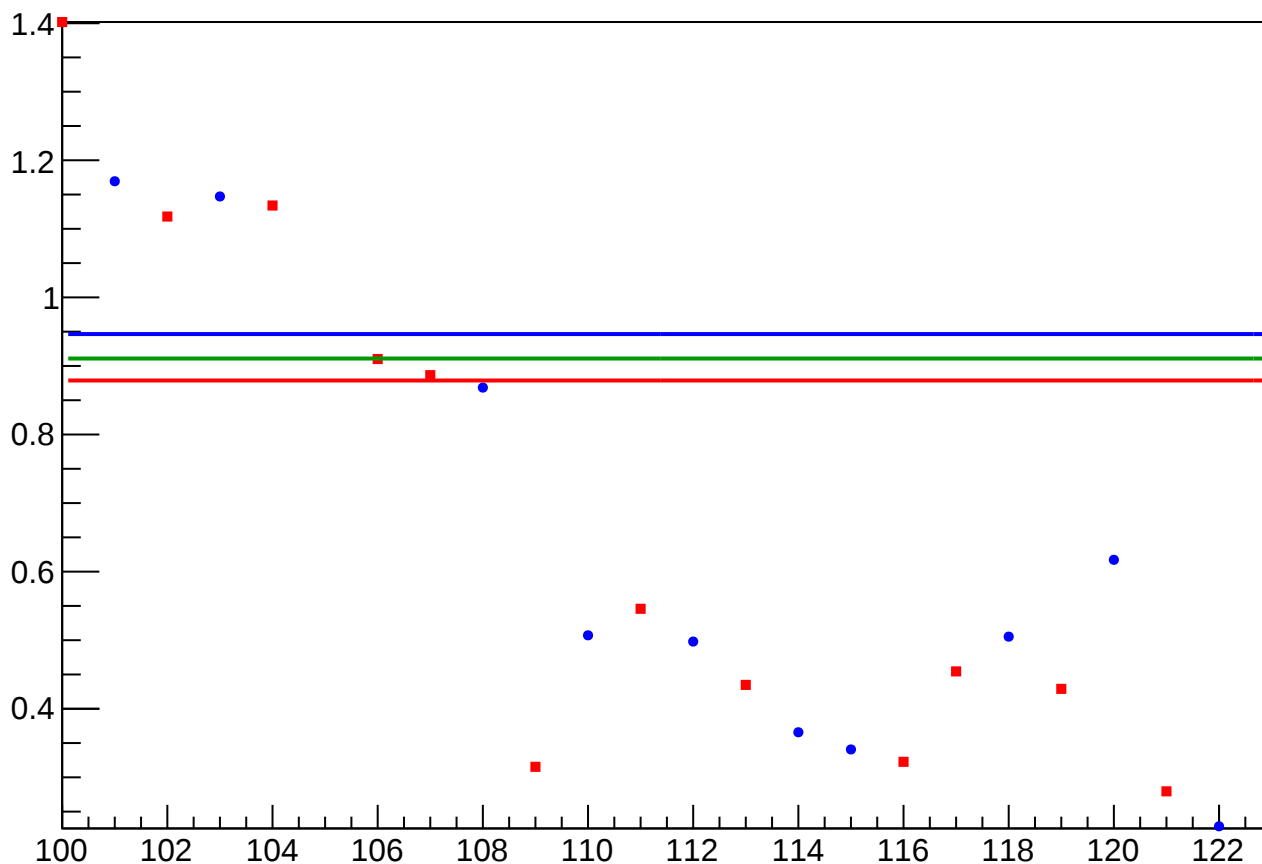
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 110984.6/10

0.004+/-0.000 χ^2/NDF : 289003.6/22

0.004+/-0.000 χ^2/NDF : 173849.2/11

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.946+/-0.000 χ^2/NDF : 10545997207.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.879+/-0.000 χ^2/NDF : 12757084761.9/11

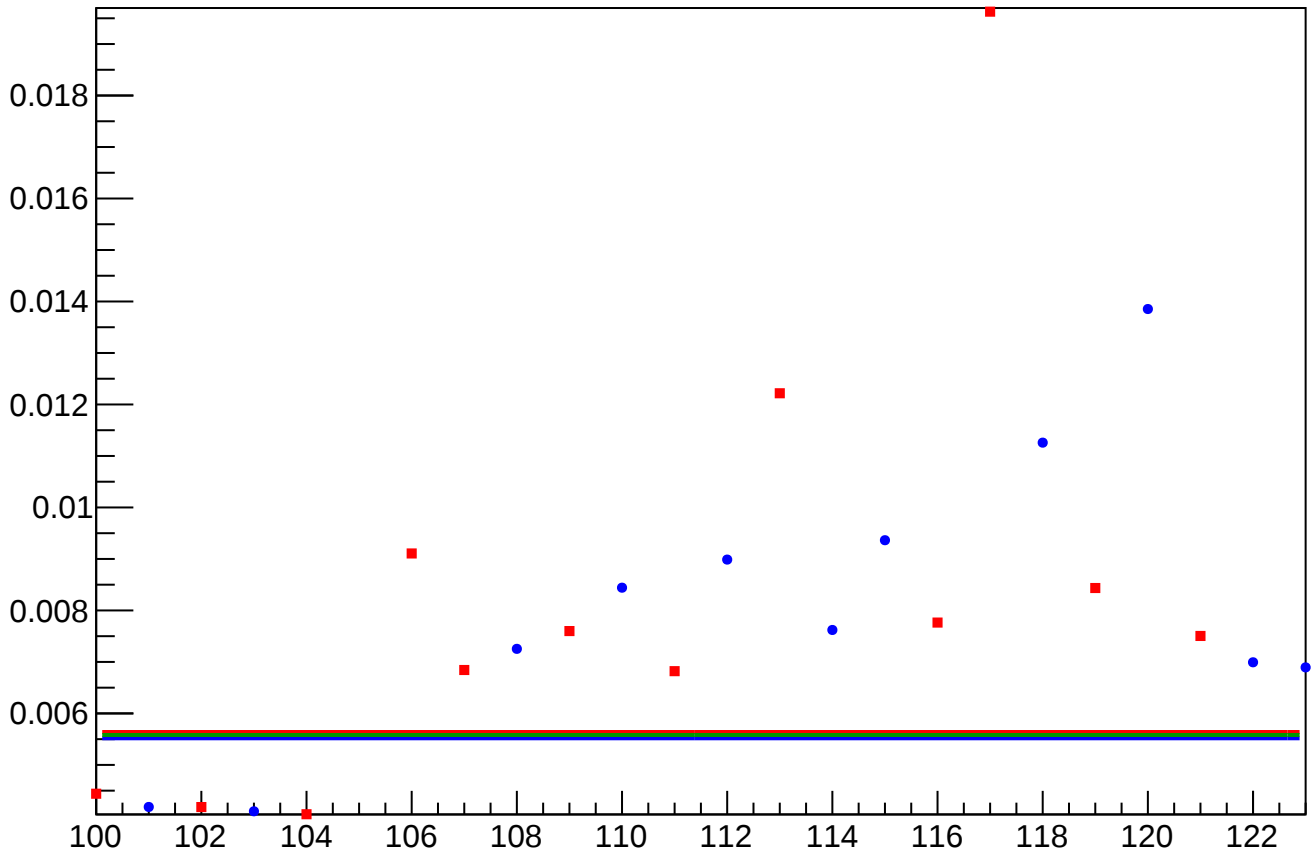
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.946+/-0.000 χ^2/NDF : 10545997207.7/10

0.911+/-0.000 χ^2/NDF : 23533436763.3/2

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 : 954839.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 837688.3/11

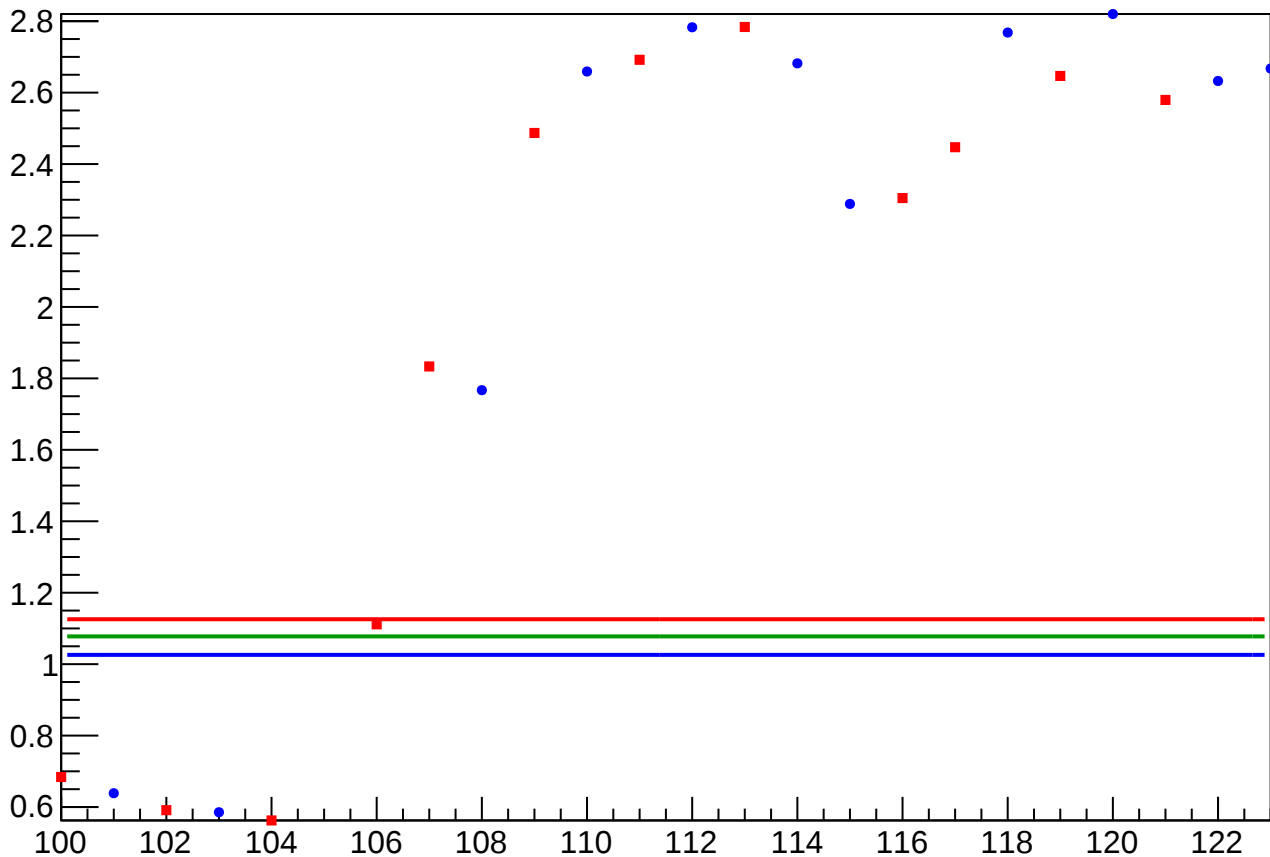
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 954839.6/10

0.006+/-0.000 χ^2/NDF : 1794022.2/22

0.006+/-0.000 χ^2/NDF : 837688.3/11

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.026+/-0.000 χ^2/NDF : 64668311273.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.126+/-0.000 χ^2/NDF : 80537232664.1/11

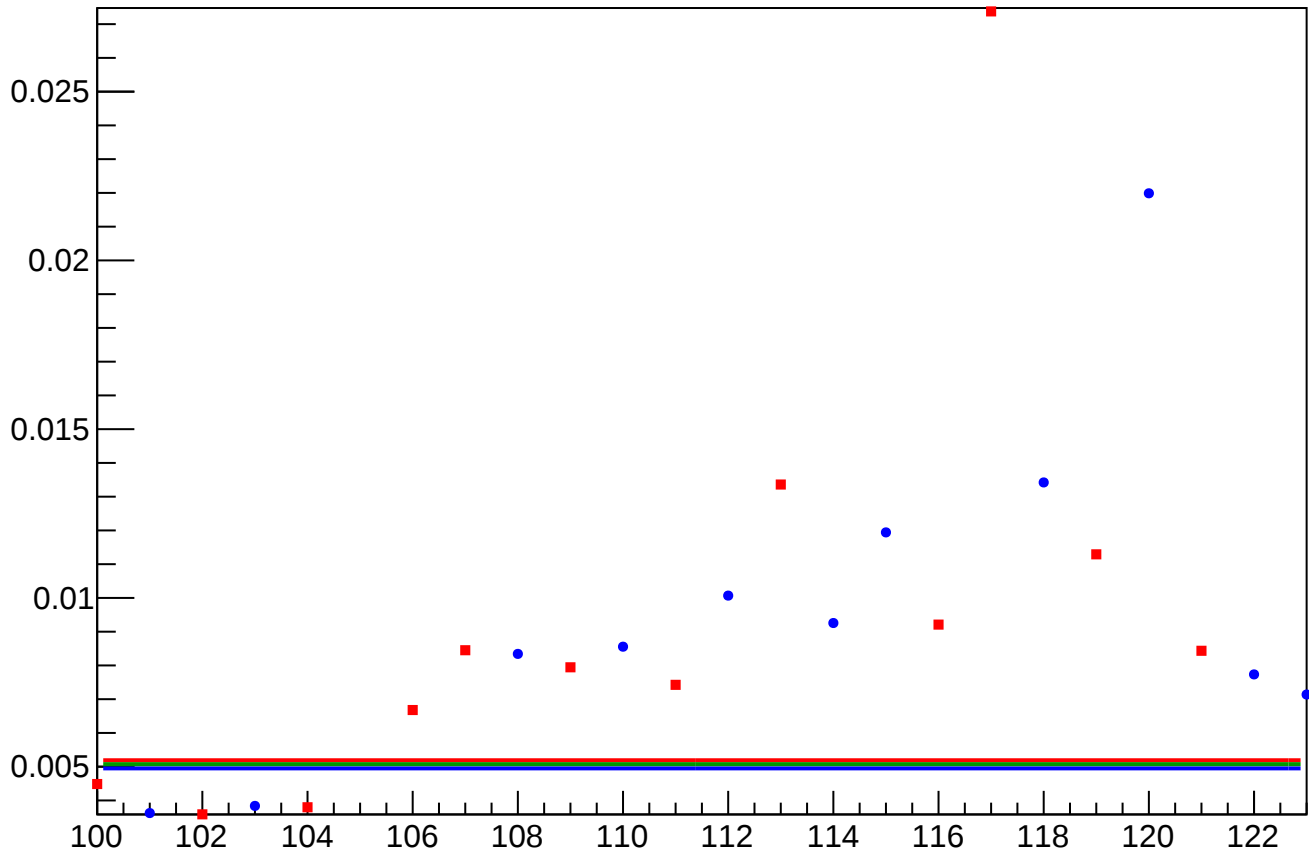
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.026+/-0.000 χ^2/NDF : 64668311273.1/10

1.078+/-0.000 χ^2/NDF : 145736045374.3/11

1.126+/-0.000 χ^2/NDF : 80537232664.1/11

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1380969.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1260573.2/11

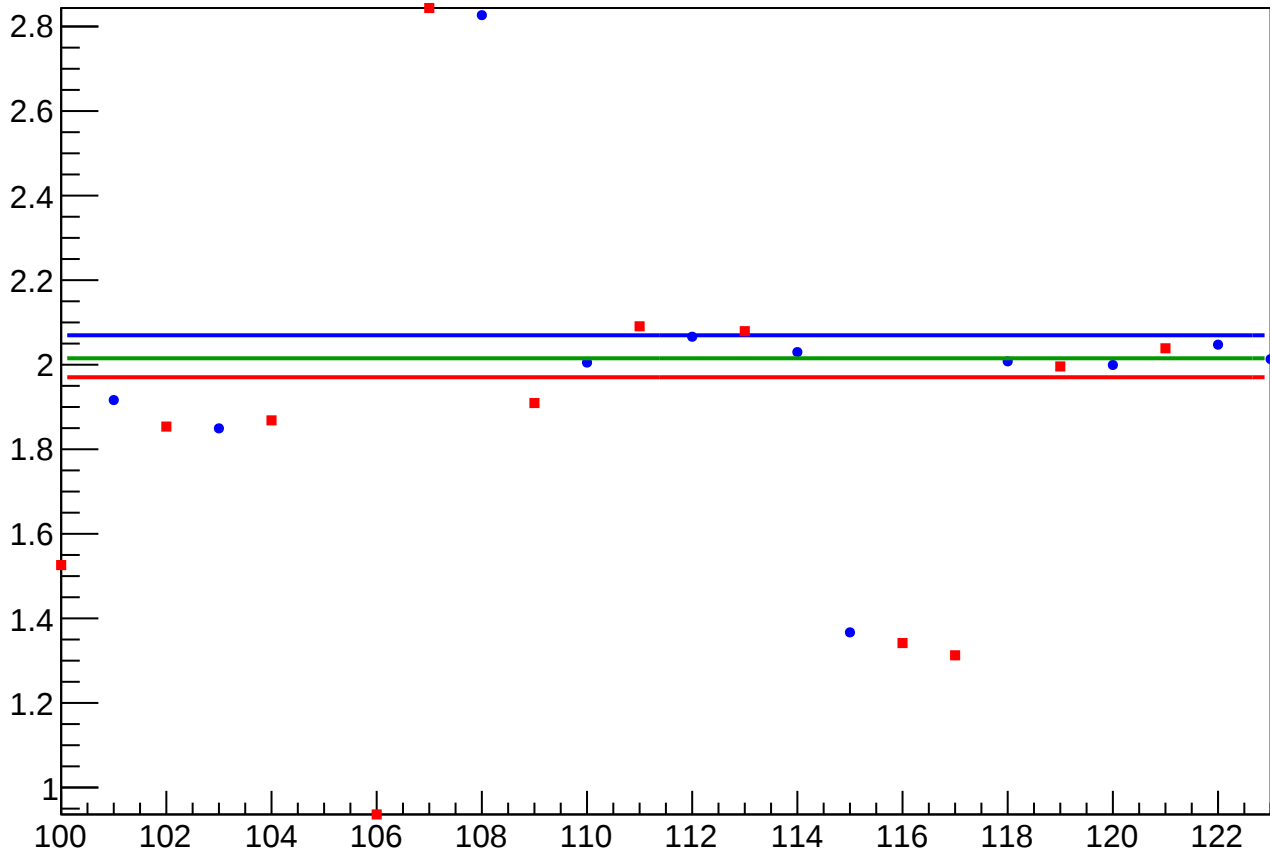
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1380969.1/10

0.005+/-0.000 χ^2/NDF : 2647720.7/22

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 : 7391570681.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.970+/-0.000 χ^2/NDF : 15396831020.6/11

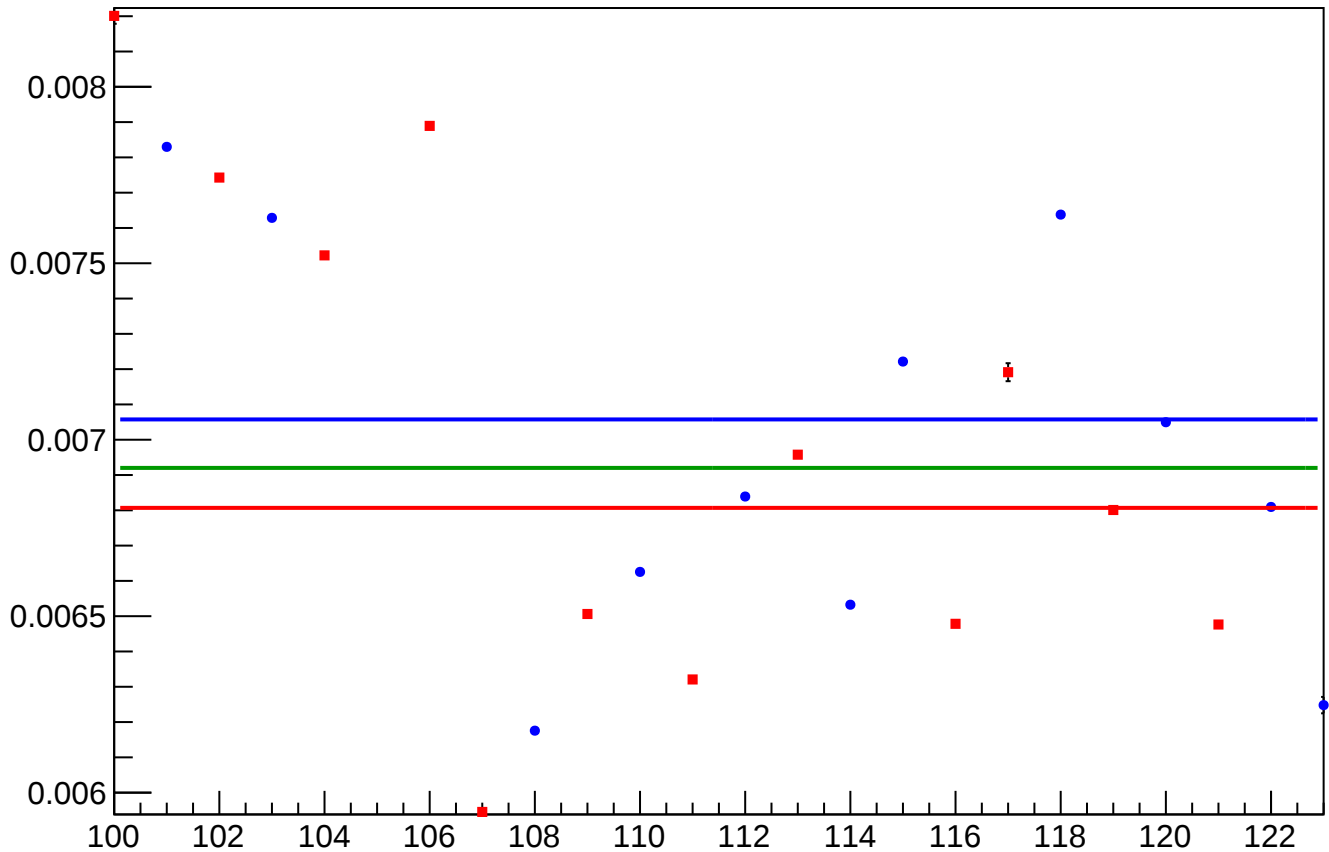
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.070+/-0.000 χ^2/NDF : 7391570681.1/10

2.015+/-0.000 χ^2/NDF : 23183221901.5/2

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 : 44186.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 63183.7/11

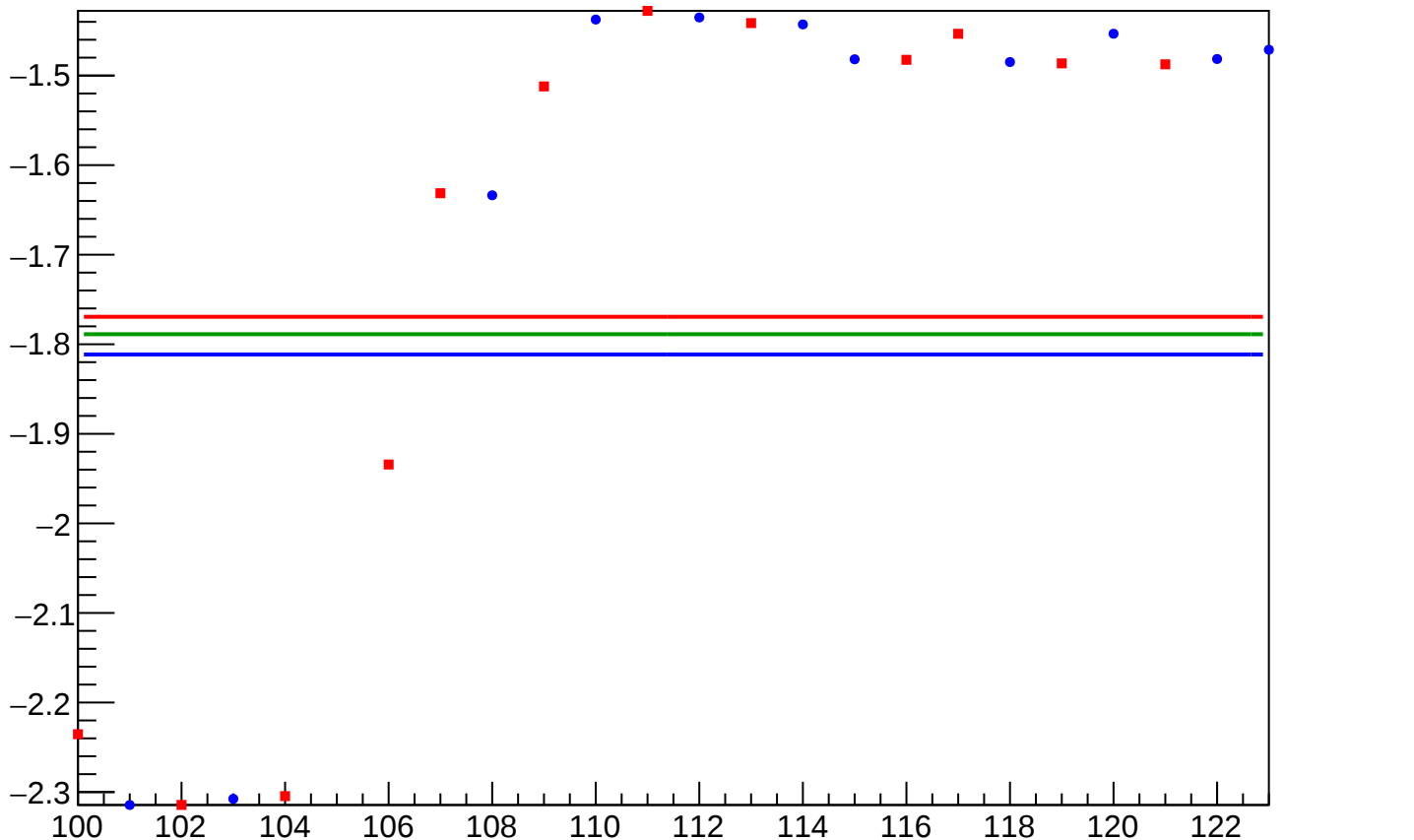
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 44186.1/10

0.007+/-0.000 χ^2/NDF : 112407.0/22

0.007+/-0.000 χ^2/NDF : 63183.7/11

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.811 ± 0.000 χ^2/NDF : 80099825176.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.769 ± 0.000 χ^2/NDF : 81541570588.9/11

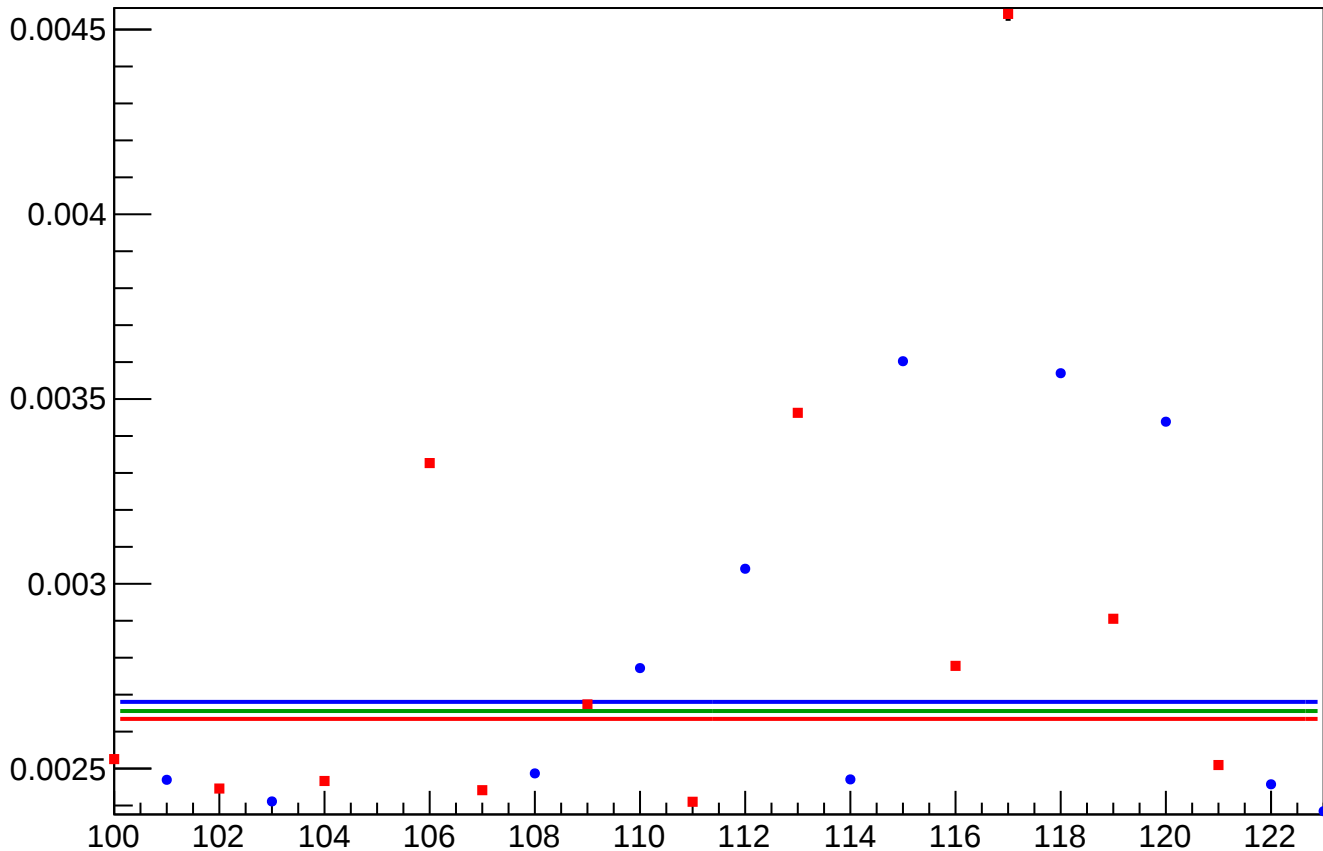
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.811 ± 0.000 χ^2/NDF : 80099825176.0/10

-1.789 ± 0.000 χ^2/NDF : 162113682359.1

-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 : 147236.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 113180.3/11

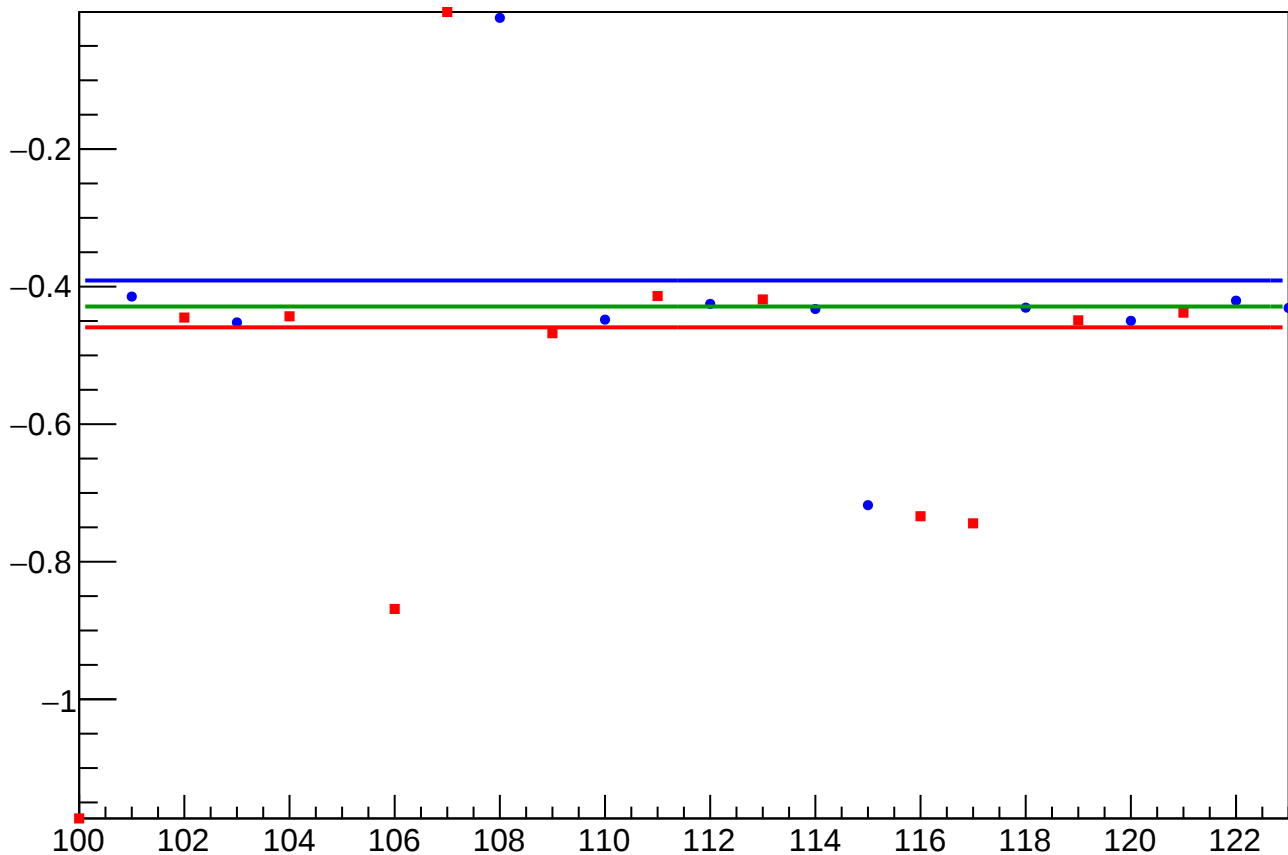
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 147236.5/10

0.003+/-0.000 χ^2/NDF : 261549.6/22

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 : 657190831.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.459+/-0.000 χ^2/NDF : 1631010622.1/11

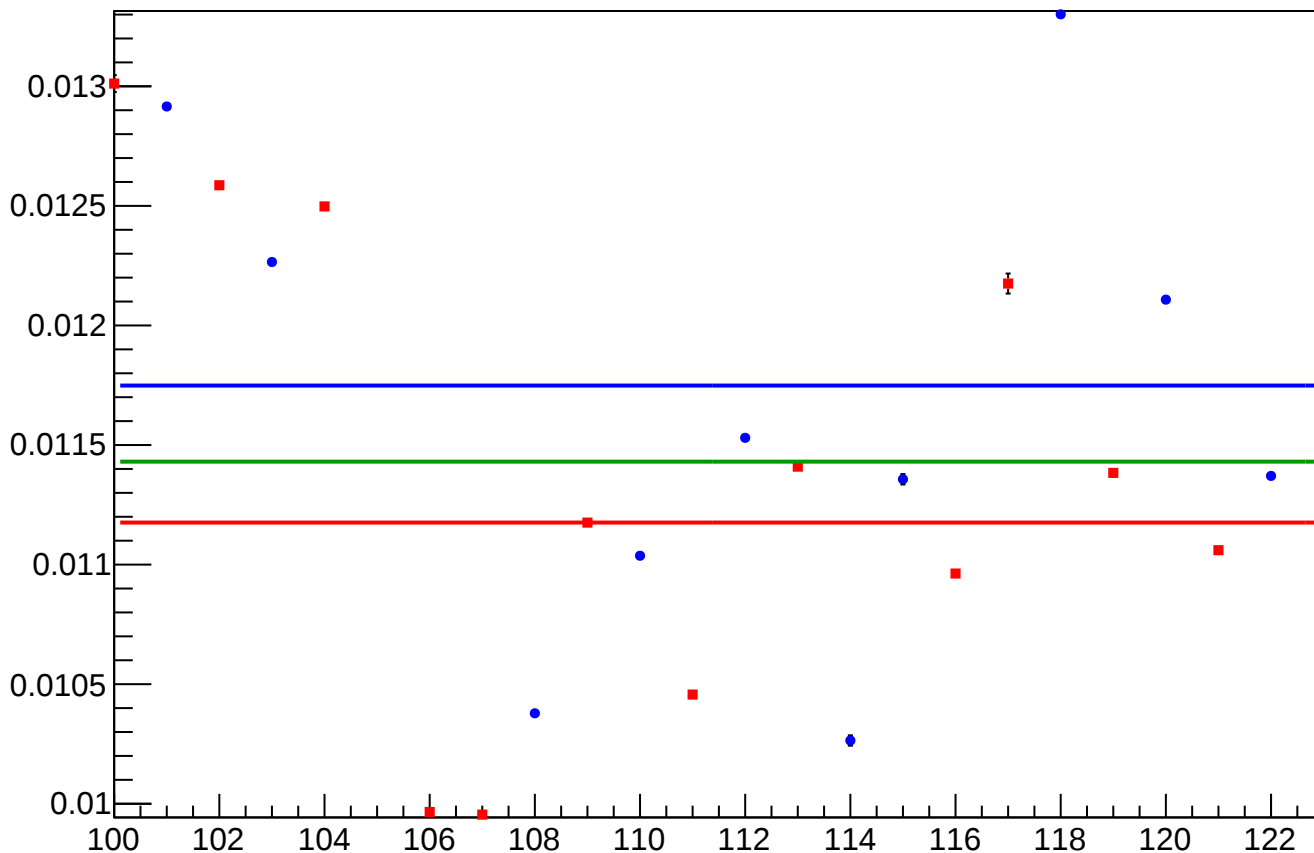
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.391+/-0.000 χ^2/NDF : 657190831.0/10

-0.429+/-0.000 χ^2/NDF : 2358174634.4/2

-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 : 47109.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 51452.5/11

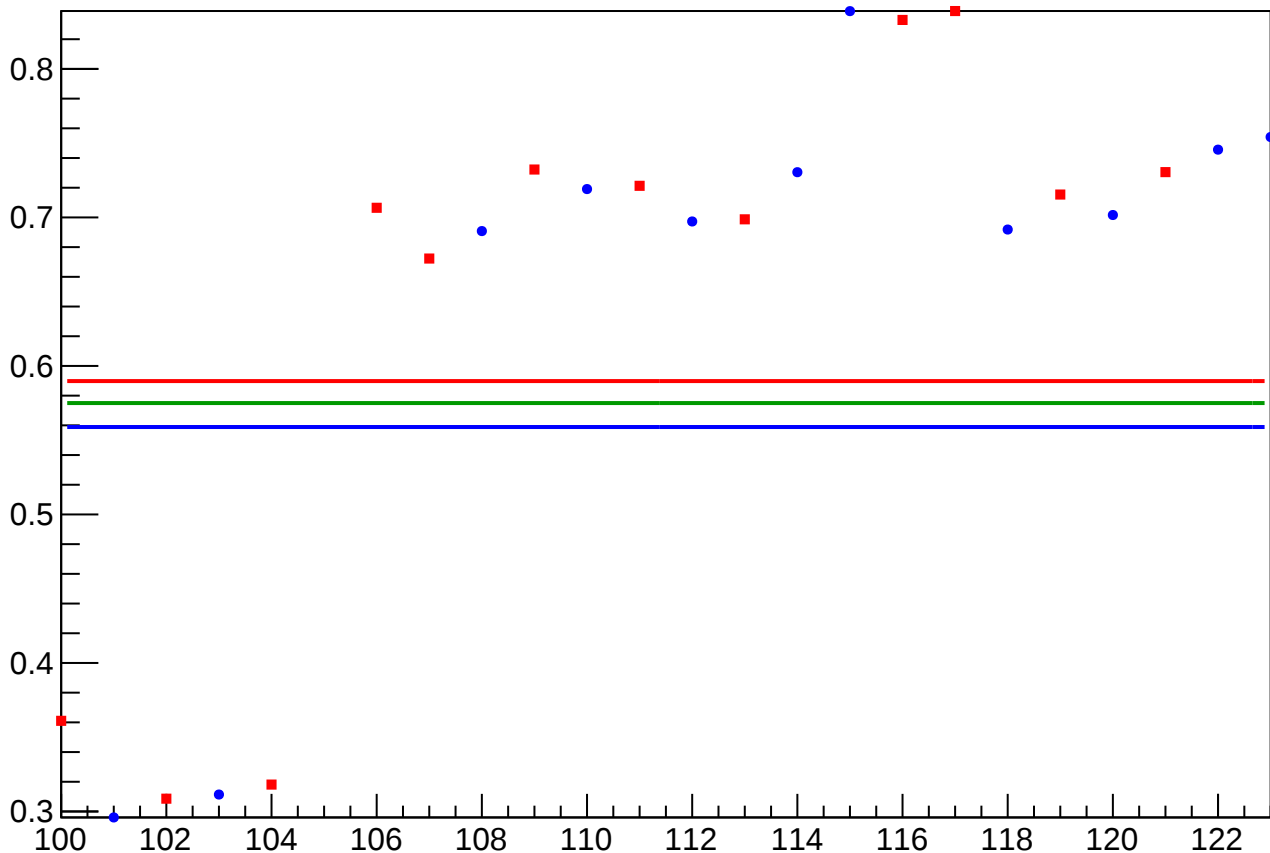
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 47109.0/10

0.011+/-0.000 χ^2/NDF : 108450.4/22

0.011+/-0.000 χ^2/NDF : 51452.5/11

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.559+/-0.000 χ^2/NDF : 21130109269.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.559+/-0.000 χ^2/NDF : 21130109269.4/10

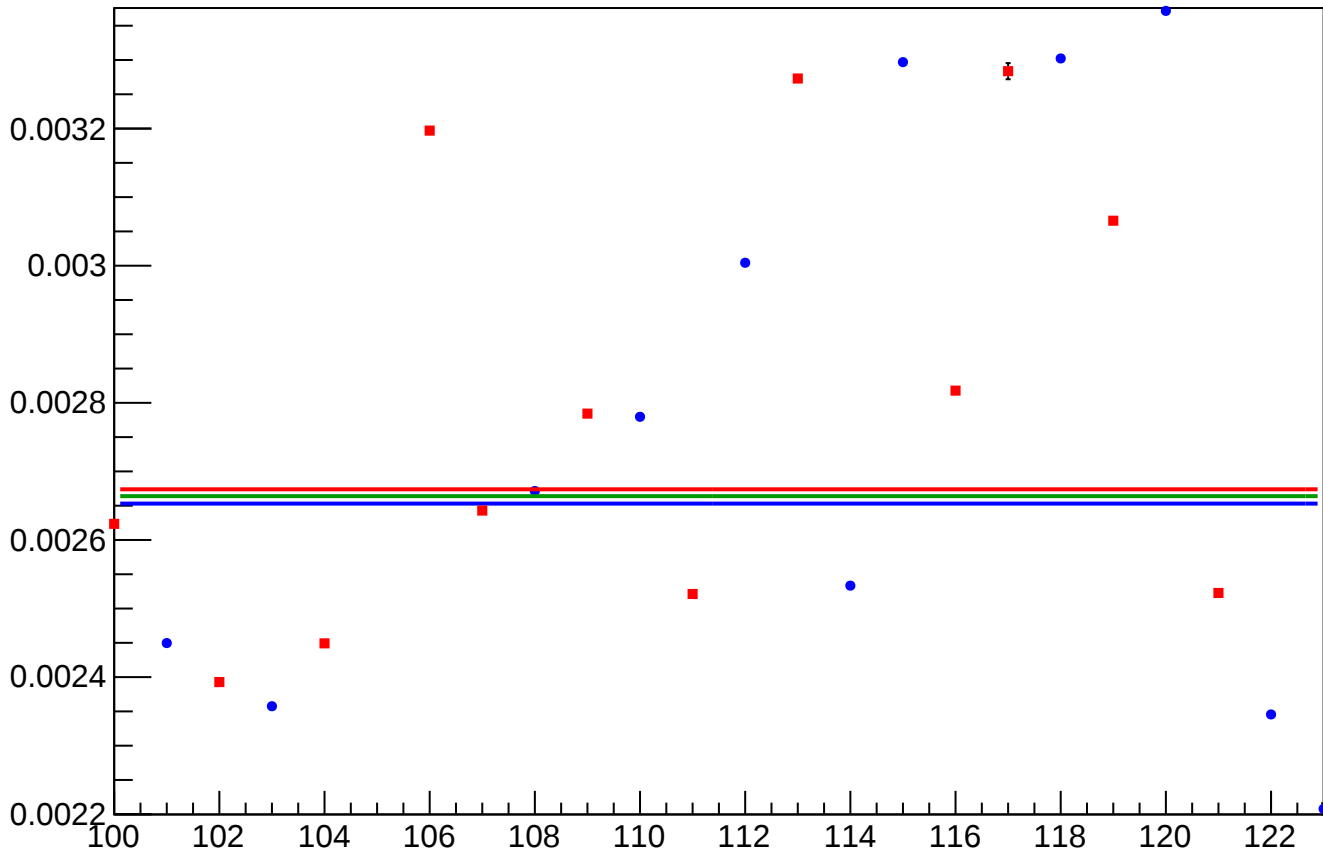
Right Out: 0.590+/-0.000 χ^2/NDF : 21172143421.8/11

0.575+/-0.000 χ^2/NDF : 42558188768.1/2

0.590+/-0.000 χ^2/NDF : 21172143421.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 127302.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 87121.5/11

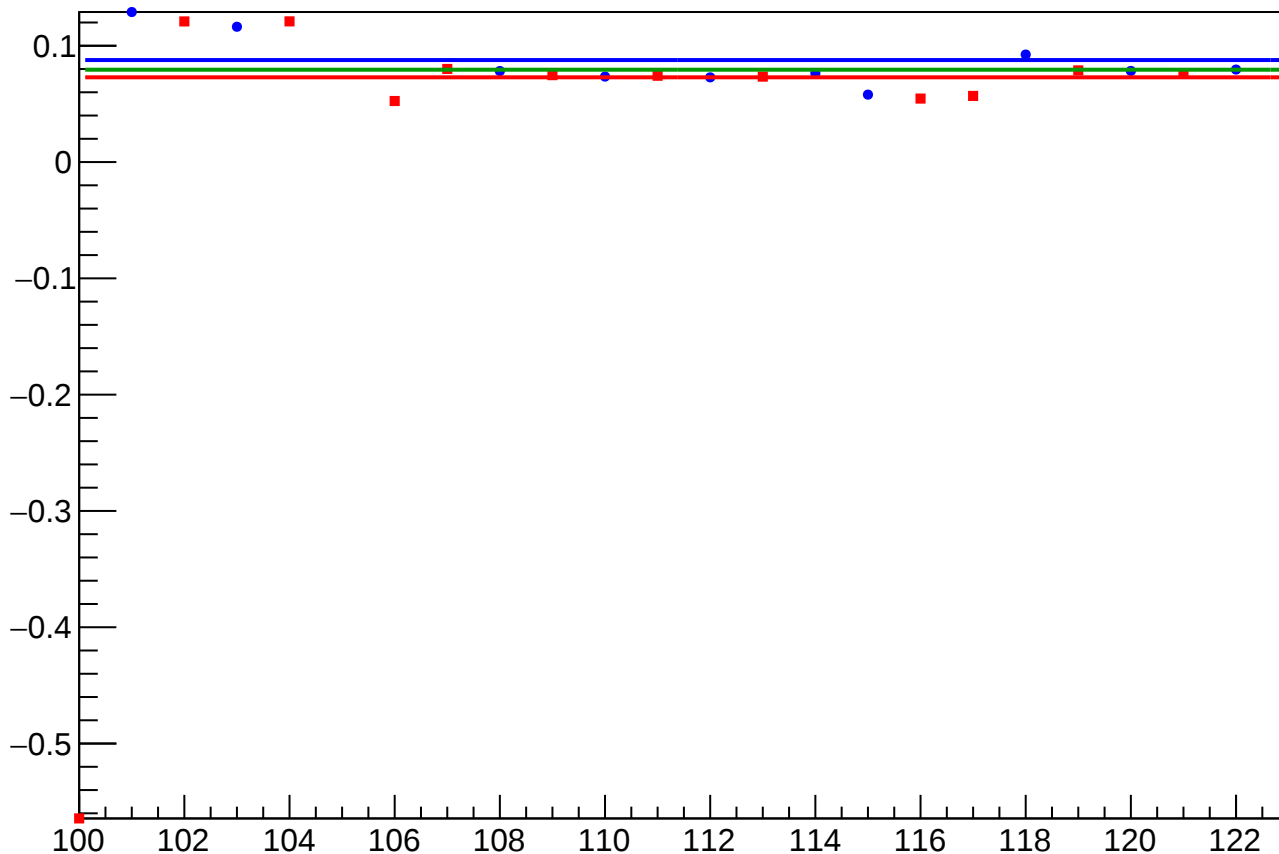
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 127302.7/10

0.003+/-0.000 χ^2/NDF : 214656.5/22

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 : 14851685.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 220821358.7/11

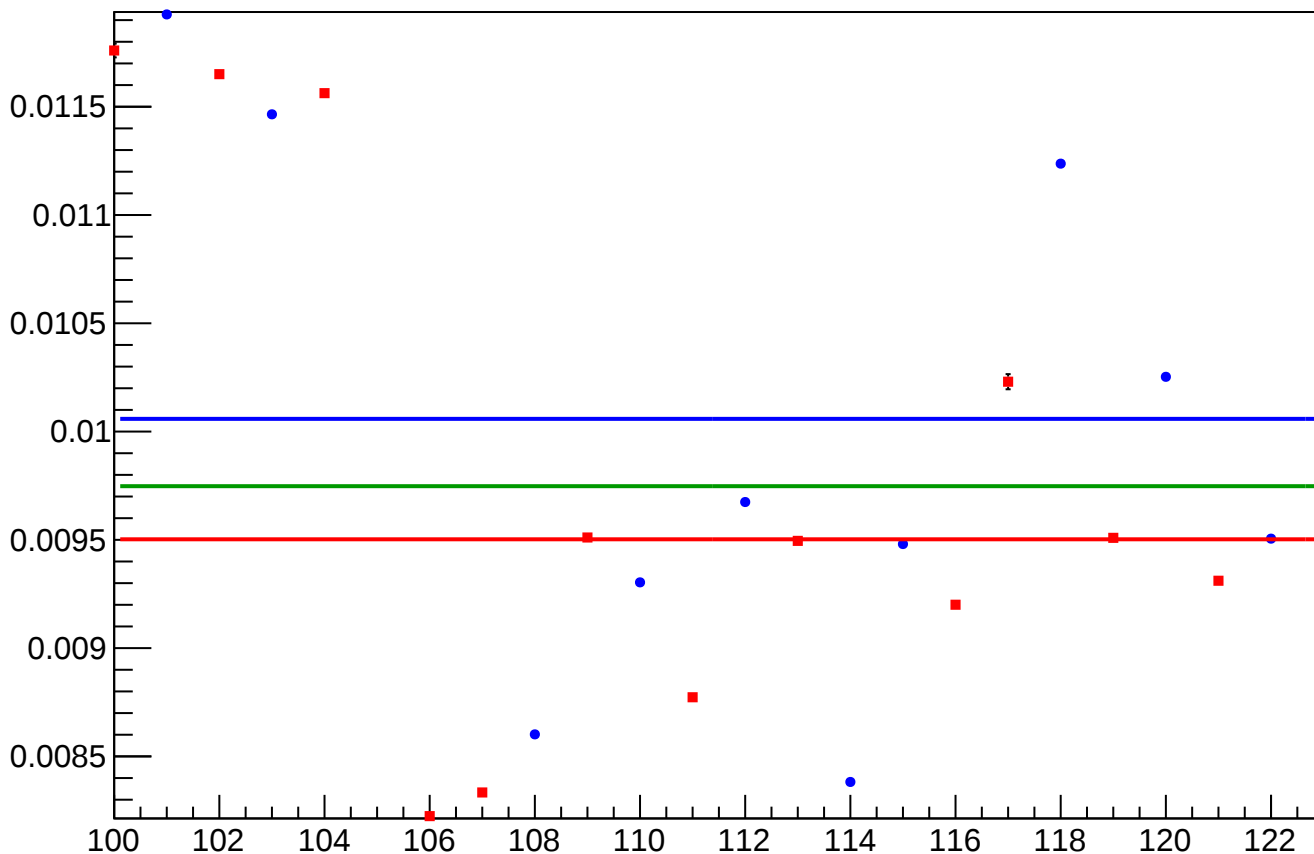
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 14851685.4/10

0.079+/-0.000 χ^2/NDF : 240195248.2/22

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 : 95727.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 106657.2/11

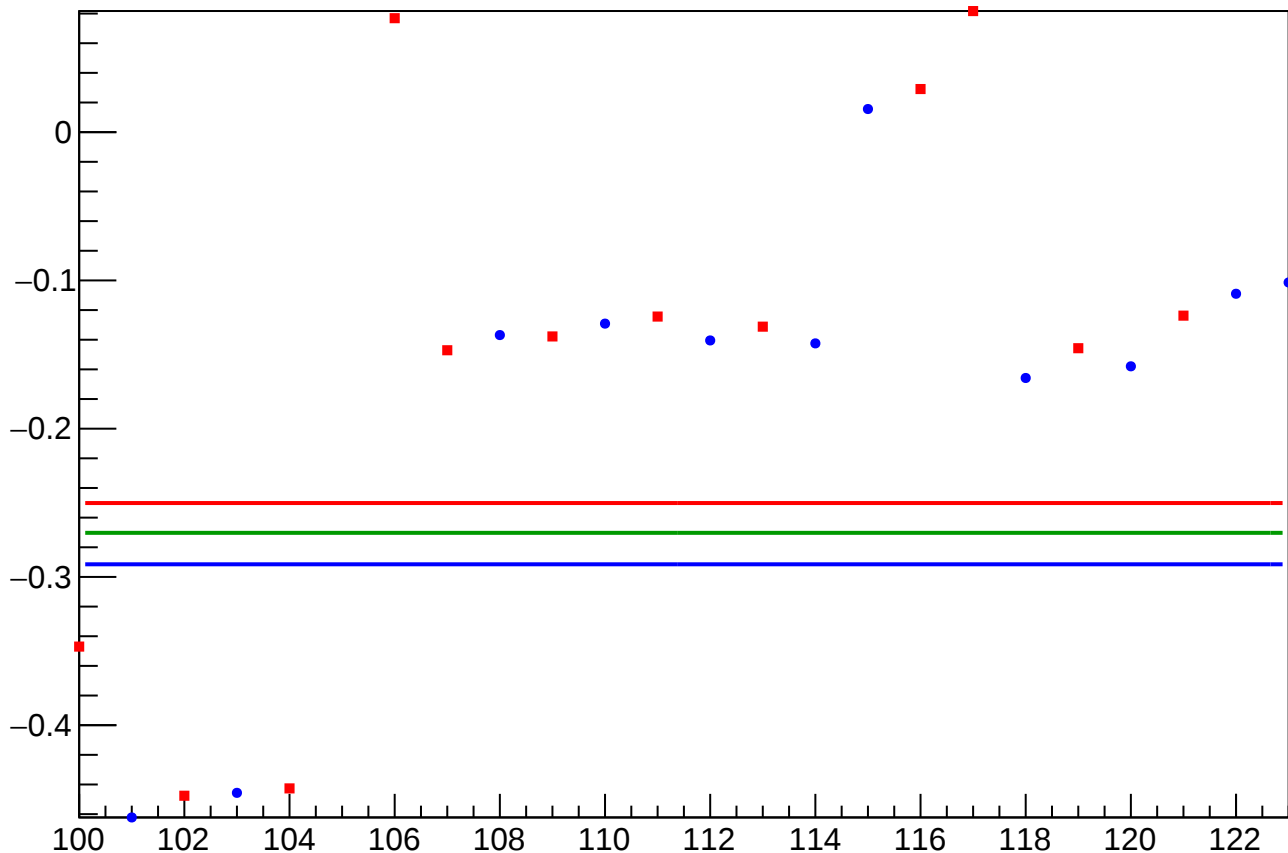
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 95727.9/10

0.010+/-0.000 χ^2/NDF : 215085.4/22

0.010+/-0.000 χ^2/NDF : 106657.2/11

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.291+/-0.000 χ^2/NDF : 4742761626.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.250+/-0.000 χ^2/NDF : 5723355321.7/11

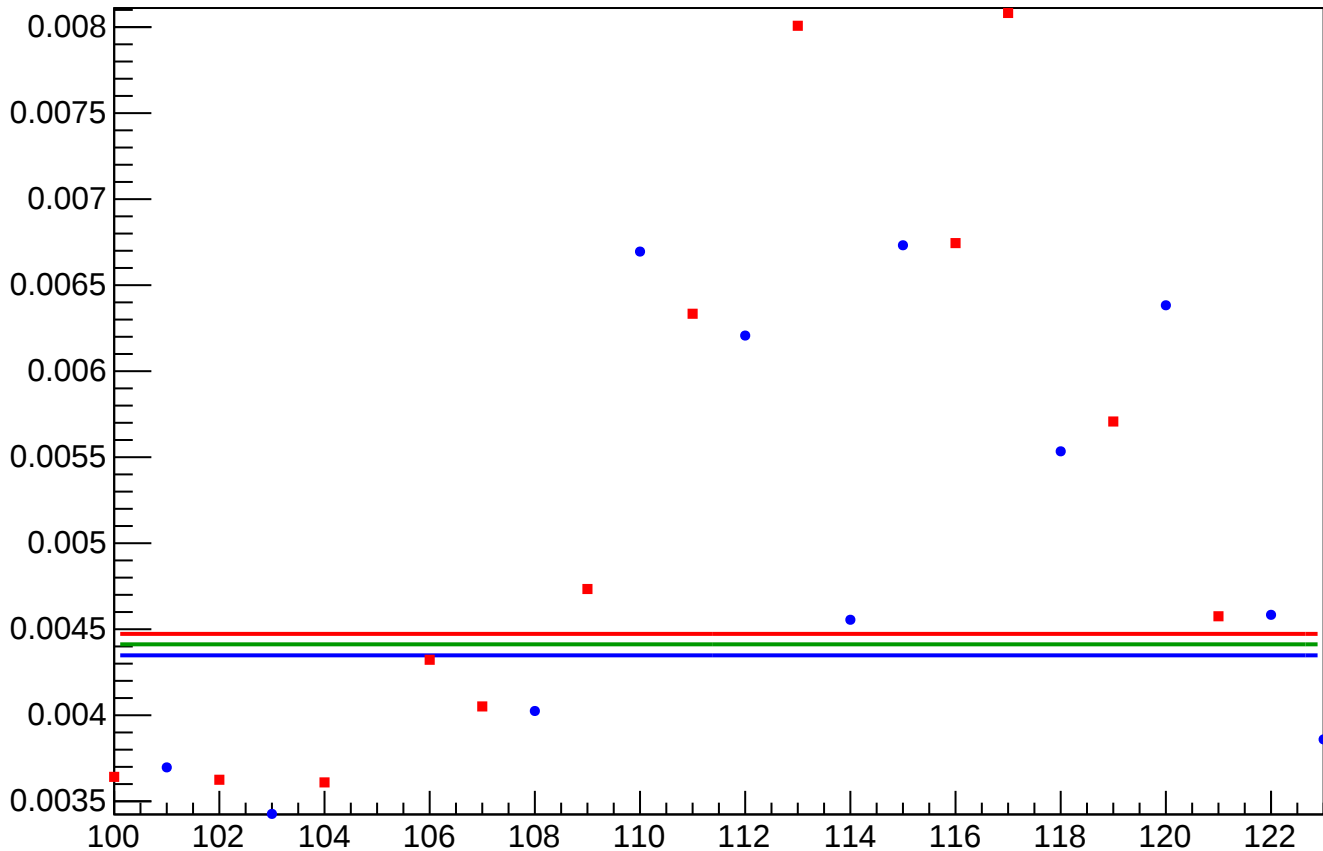
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.291+/-0.000 χ^2/NDF : 4742761626.6/10

-0.270+/-0.000 χ^2/NDF : 10623688999.6/10

-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 : 407860.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 472367.7/11

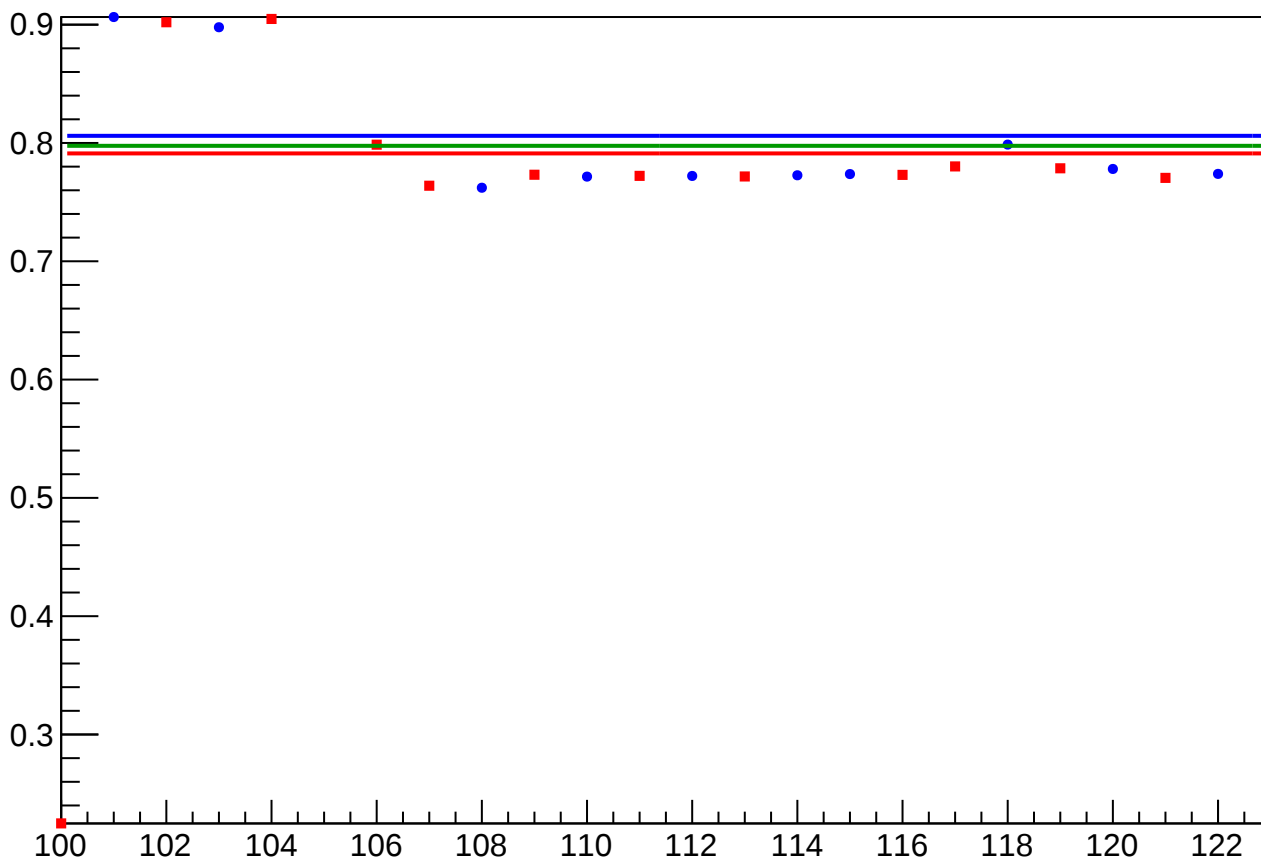
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 407860.5/10

0.004+/-0.000 χ^2/NDF : 883102.2/22

0.004+/-0.000 χ^2/NDF : 472367.7/11

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.806+/-0.000 χ^2/NDF : 90771292.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.791+/-0.000 χ^2/NDF : 237669660.6/11

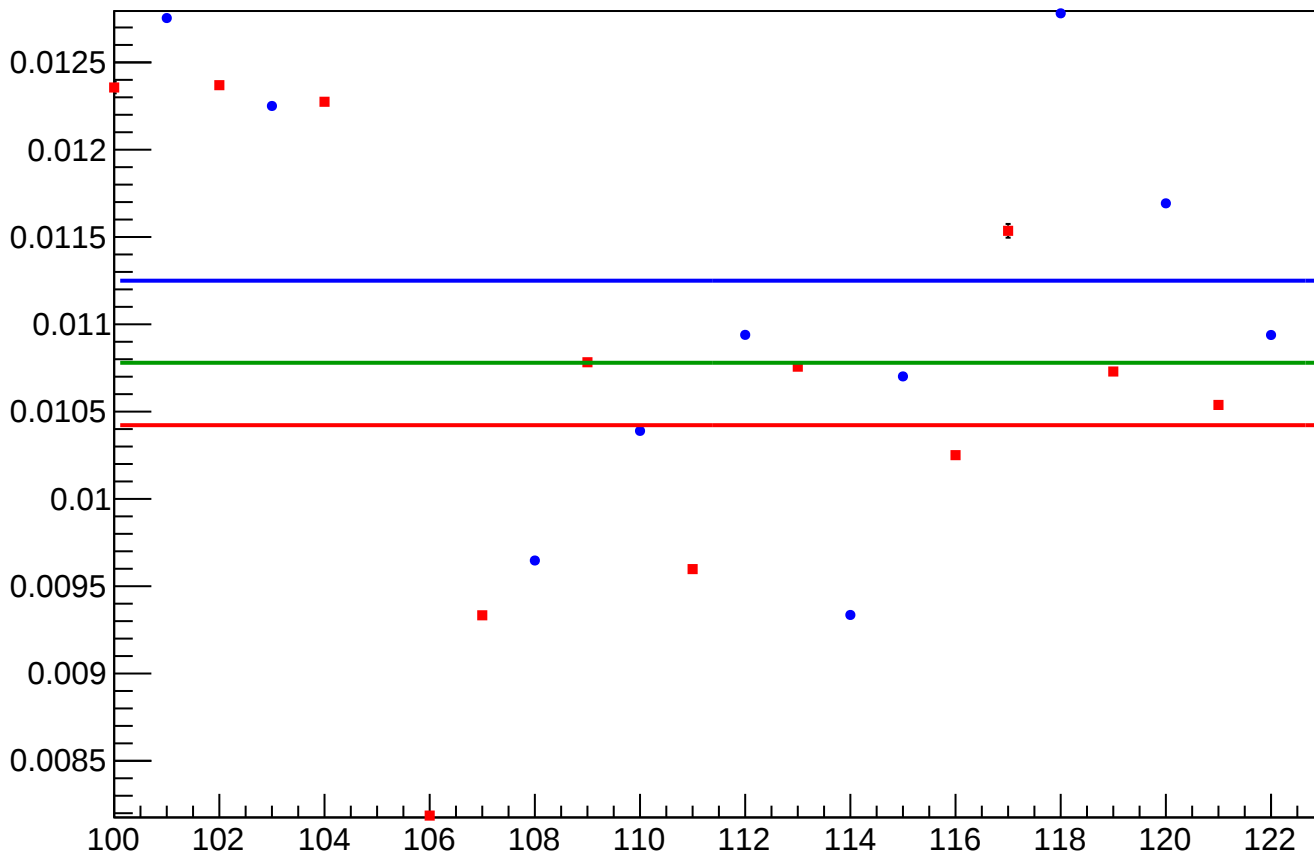
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.806+/-0.000 χ^2/NDF : 90771292.7/10

0.798+/-0.000 χ^2/NDF : 332135895.7/22

0.791+/-0.000 χ^2/NDF : 237669660.6/11

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 74212.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 114677.0/11

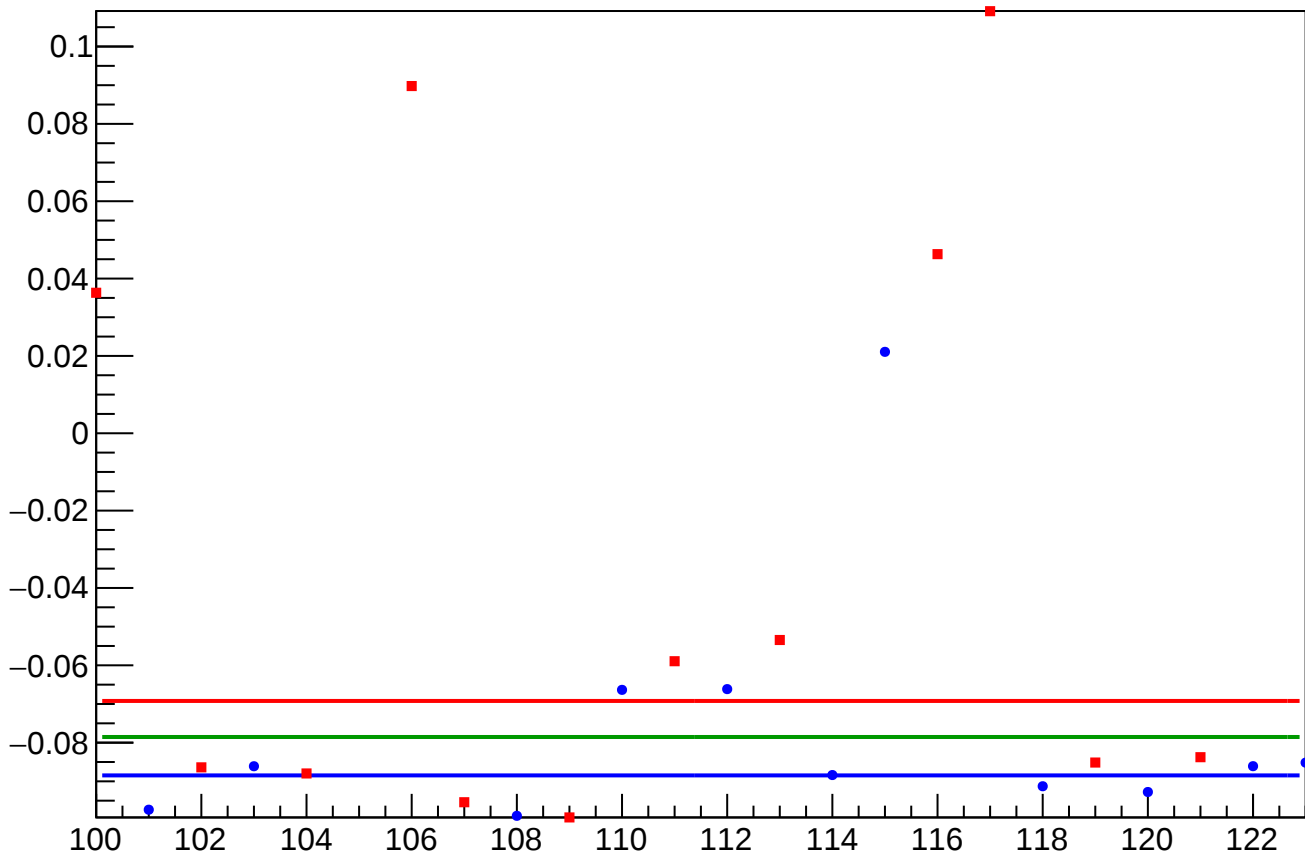
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 74212.8/10

0.011+/-0.000 χ^2/NDF : 211765.3/22

0.010+/-0.000 χ^2/NDF : 114677.0/11

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.000 χ^2/NDF : 35203144.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.000 χ^2/NDF : 440886766.7/11

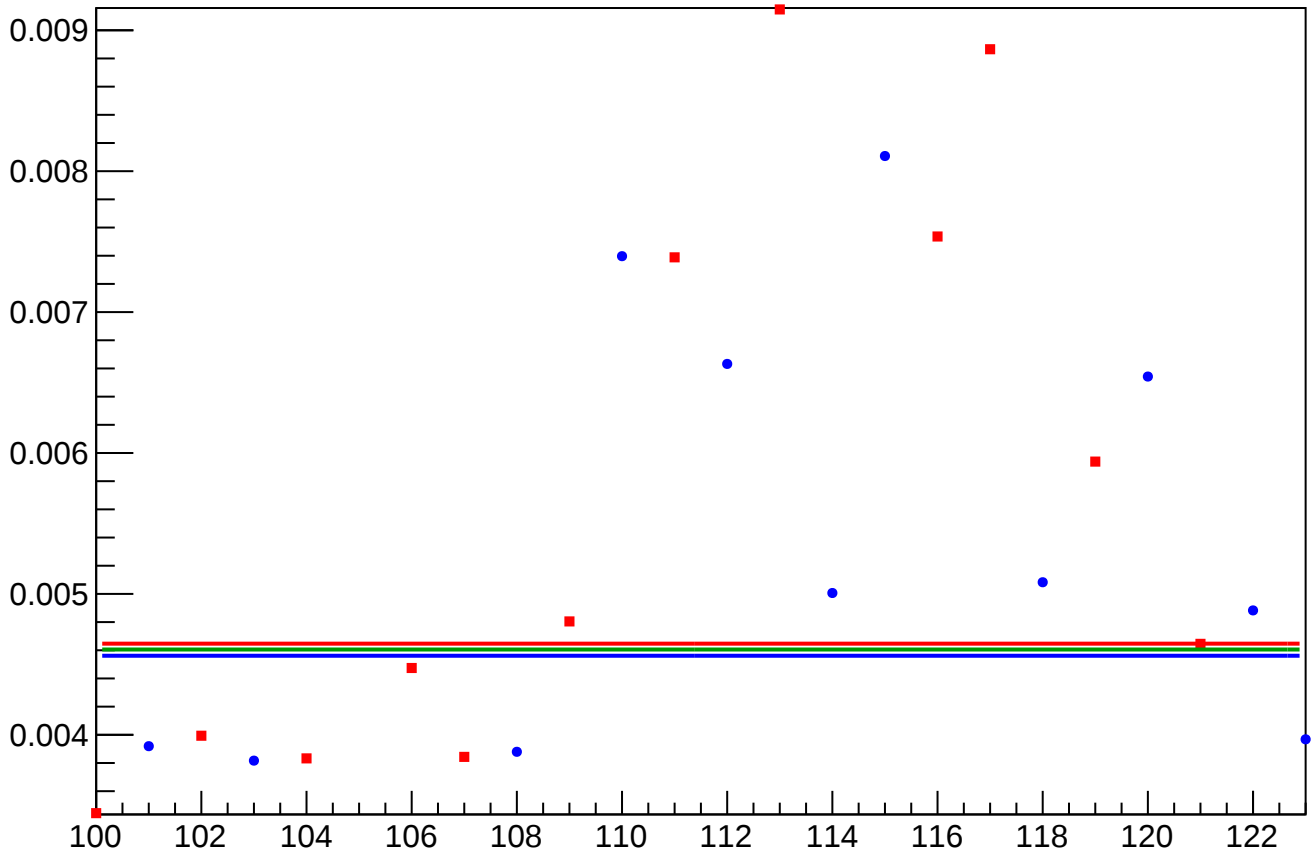
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.088+/-0.000 χ^2/NDF : 35203144.9/10

-0.079+/-0.000 χ^2/NDF : 506557053.9/22

-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 : 376181.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 548587.1/11

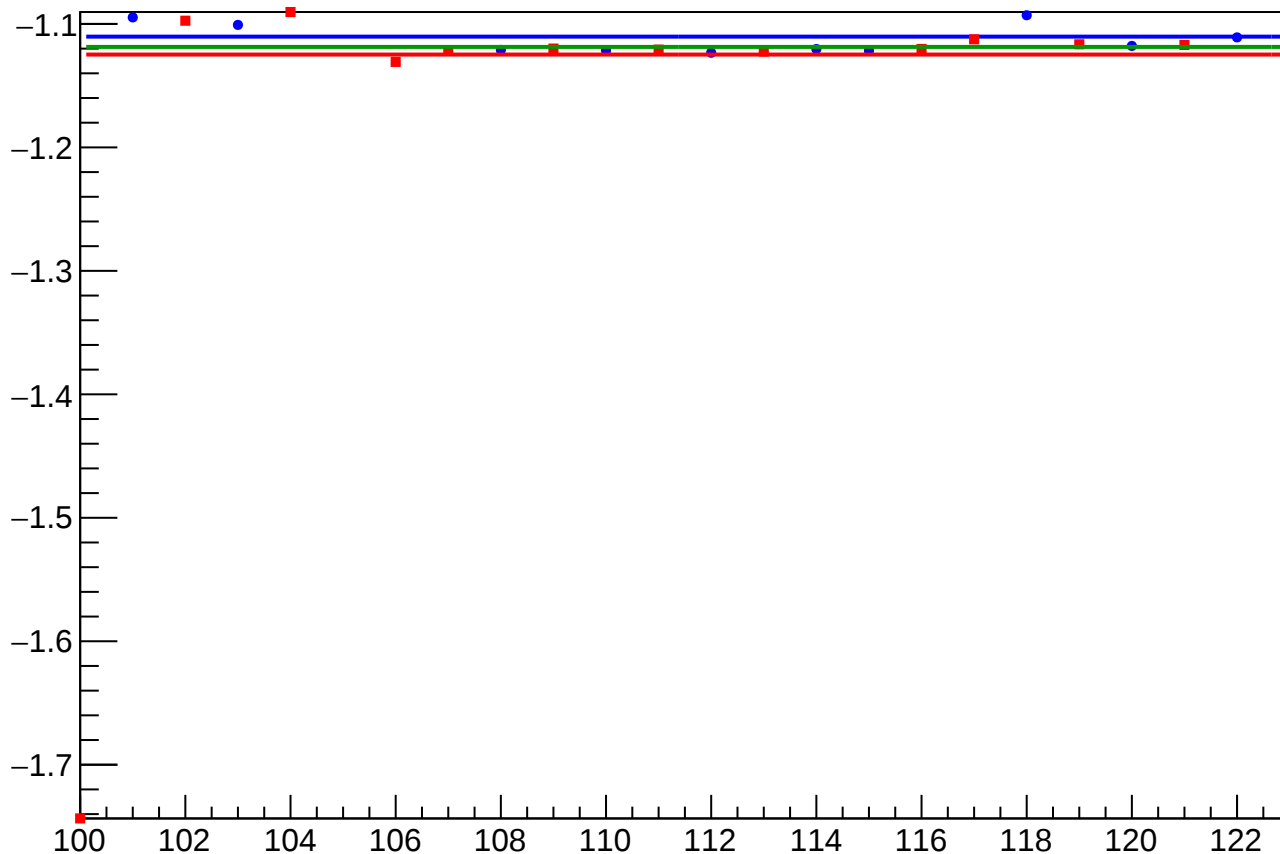
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 376181.4/10

0.005+/-0.000 χ^2/NDF : 925978.3/22

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 : 3581236.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.125+/-0.000 χ^2/NDF : 205057222.5/11

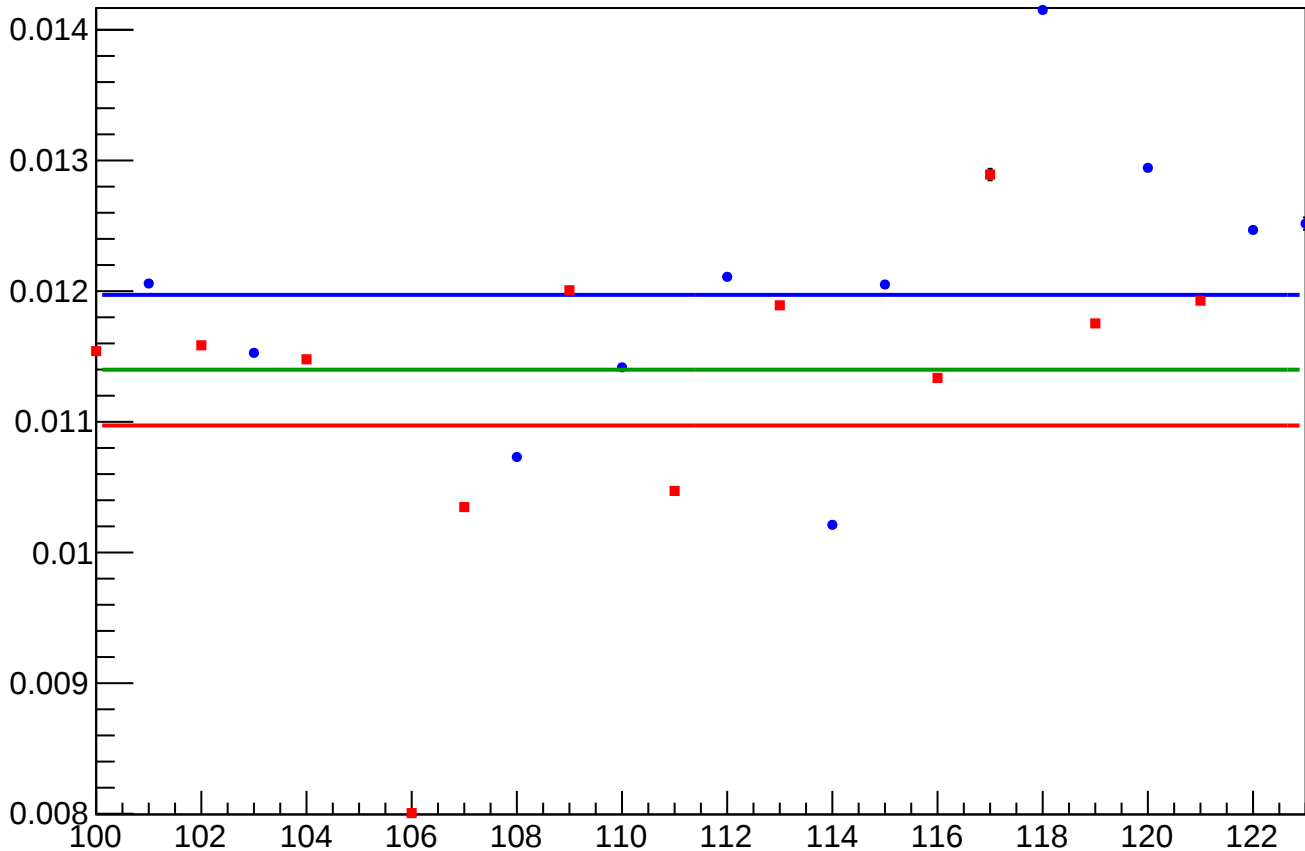
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.110+/-0.000 χ^2/NDF : 3581236.5/10

-1.119+/-0.000 χ^2/NDF : 211776132.9/22

-1.125+/-0.000 χ^2/NDF : 205057222.5/11

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 46907.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 114581.1/11

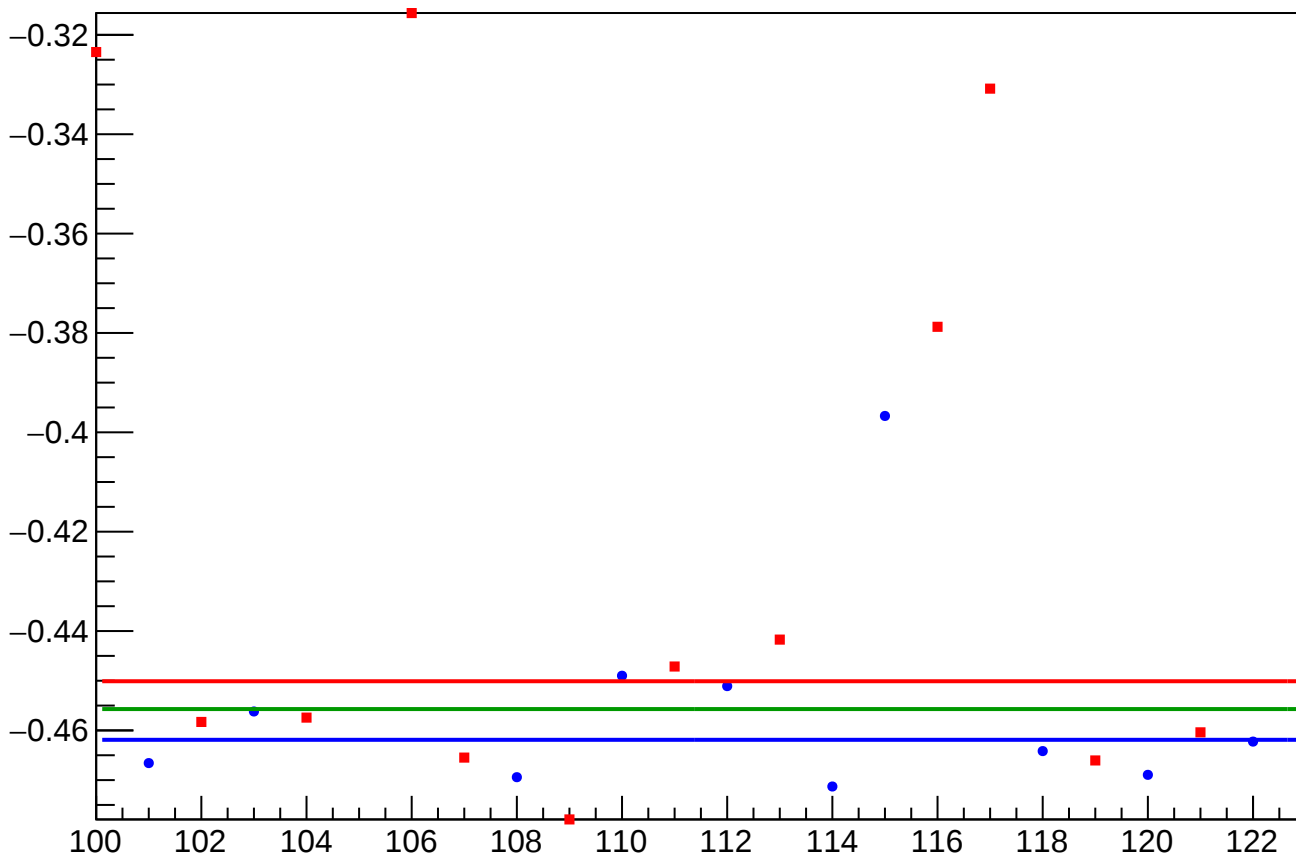
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 46907.6/10

0.011+/-0.000 χ^2/NDF : 191238.7/22

0.011+/-0.000 χ^2/NDF : 114581.1/11

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2 /NDF: 21340396.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.450+/-0.000 χ^2 /NDF: 359632088.0/11

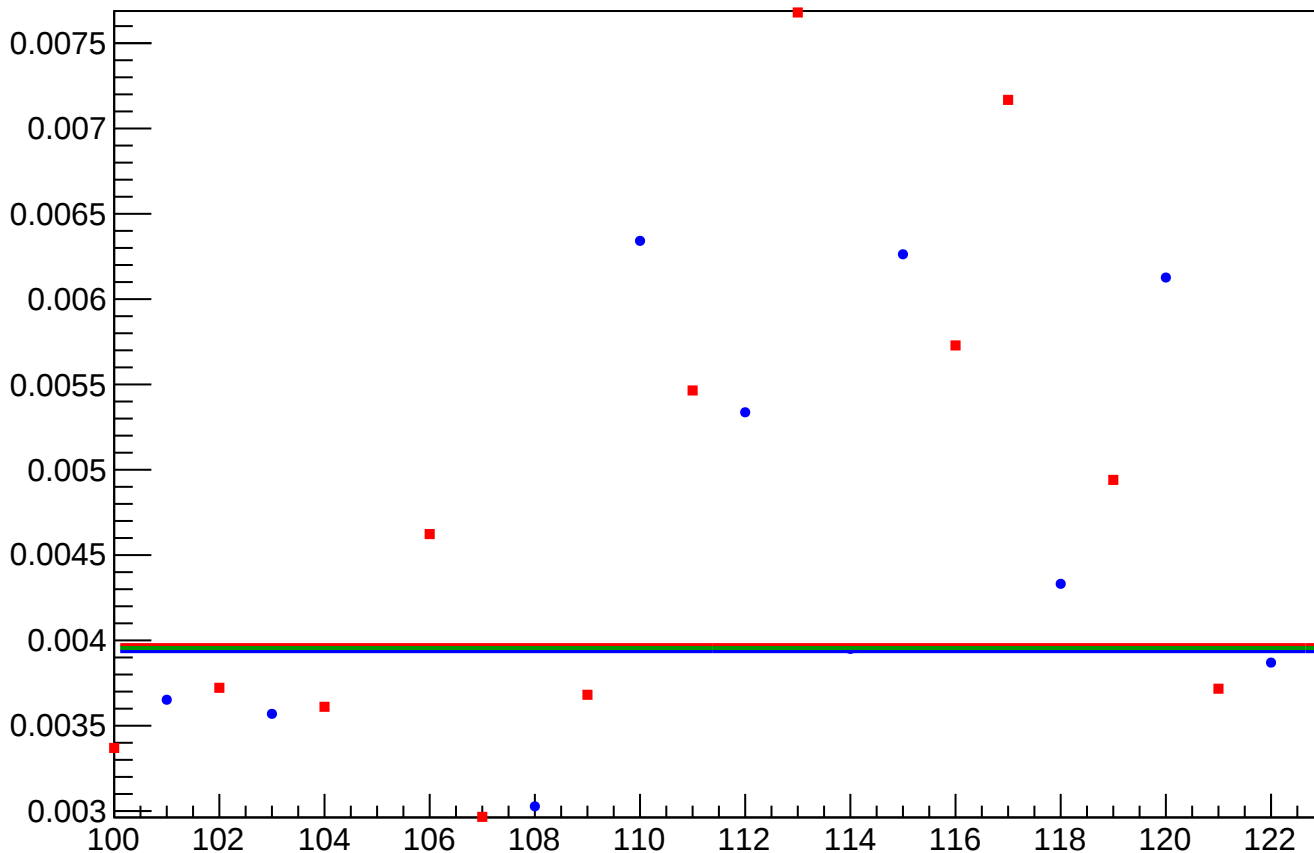
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.462+/-0.000 χ^2 /NDF: 21340396.0/10

-0.456+/-0.000 χ^2 /NDF: 396423980.4/22

-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 : 343355.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 452853.2/11

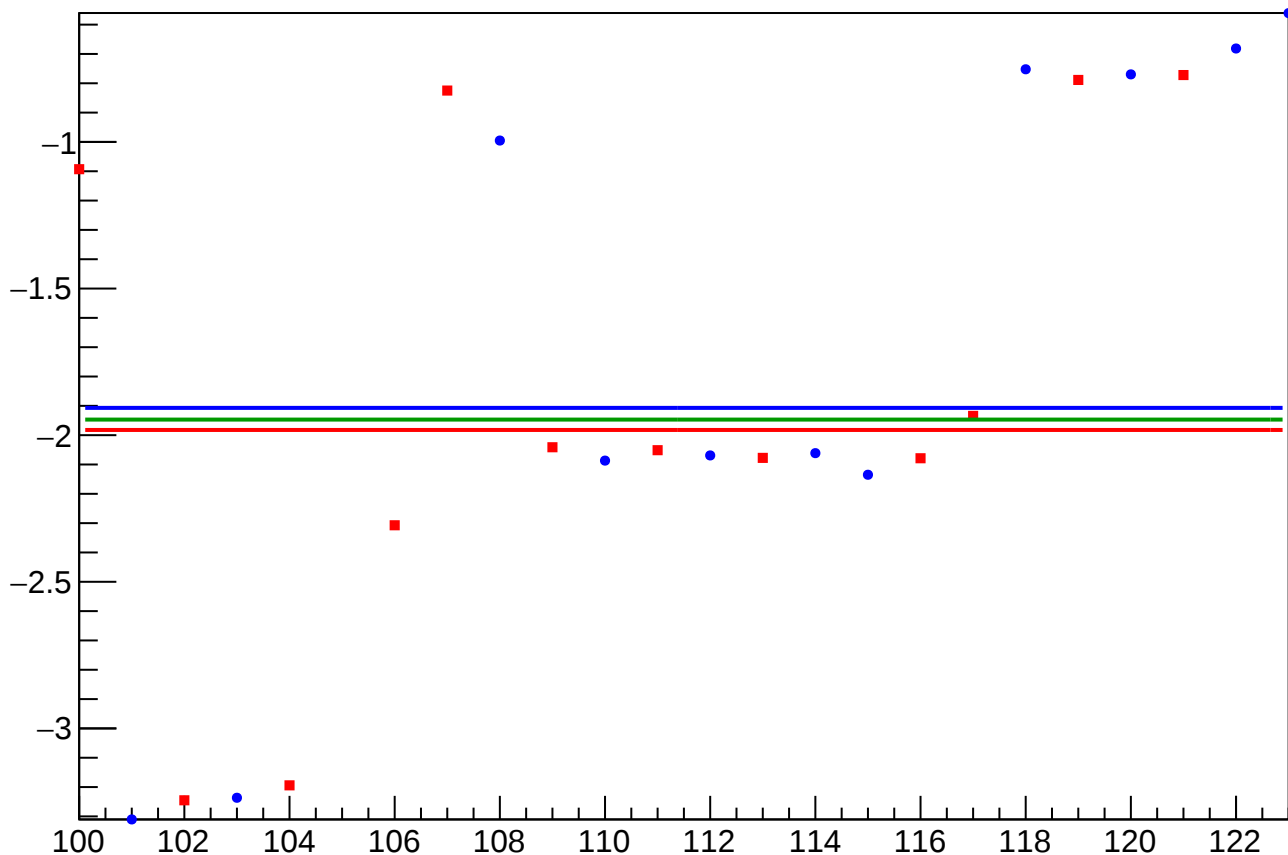
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 343355.3/10

0.004+/-0.000 χ^2/NDF : 796491.2/22

0.004+/-0.000 χ^2/NDF : 452853.2/11

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.907+/-0.000 χ^2/NDF : 809774263.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.982+/-0.000 χ^2/NDF : 649097000.7/11

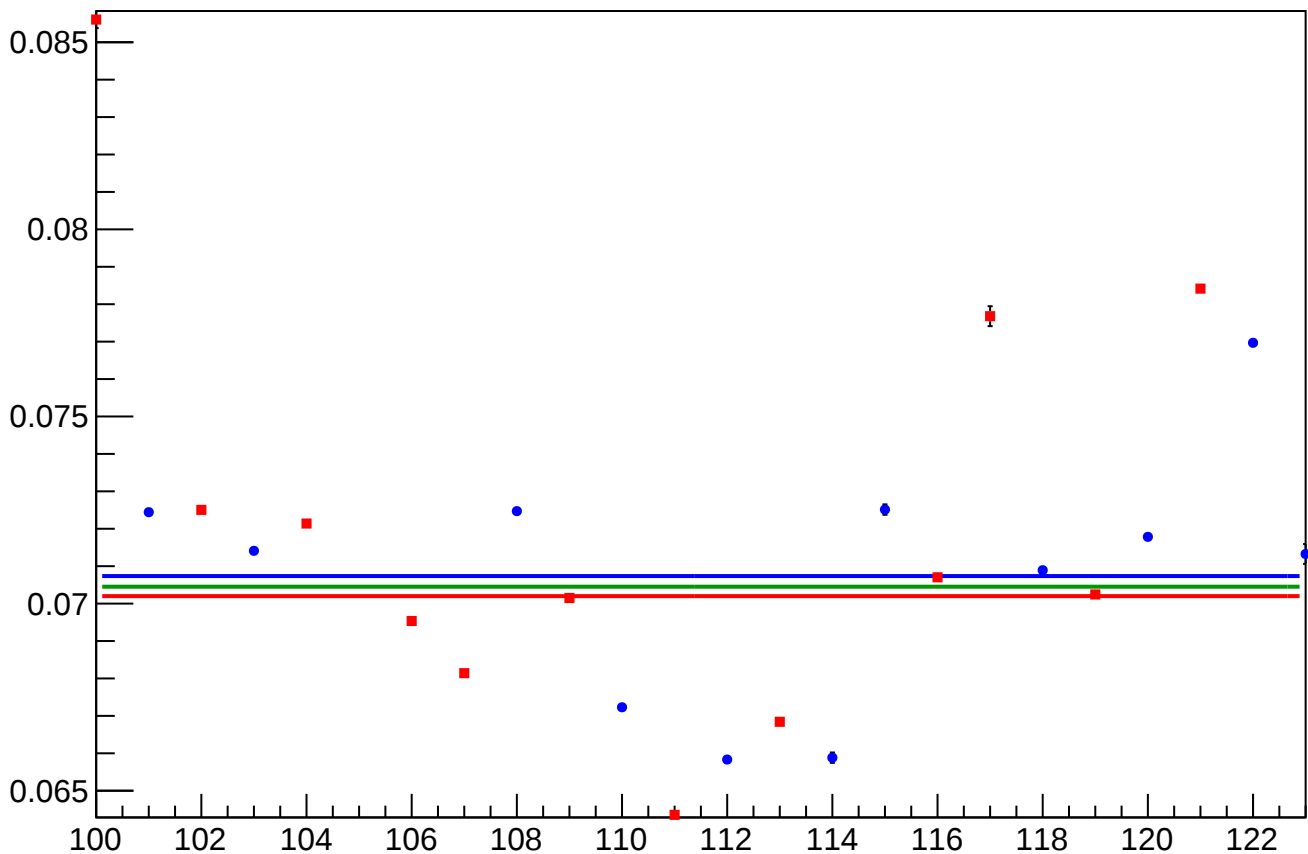
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.907+/-0.000 χ^2/NDF : 809774263.4/10

-1.947+/-0.000 χ^2/NDF : 1461189009.4/22

-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 : 15187.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 25304.2/11

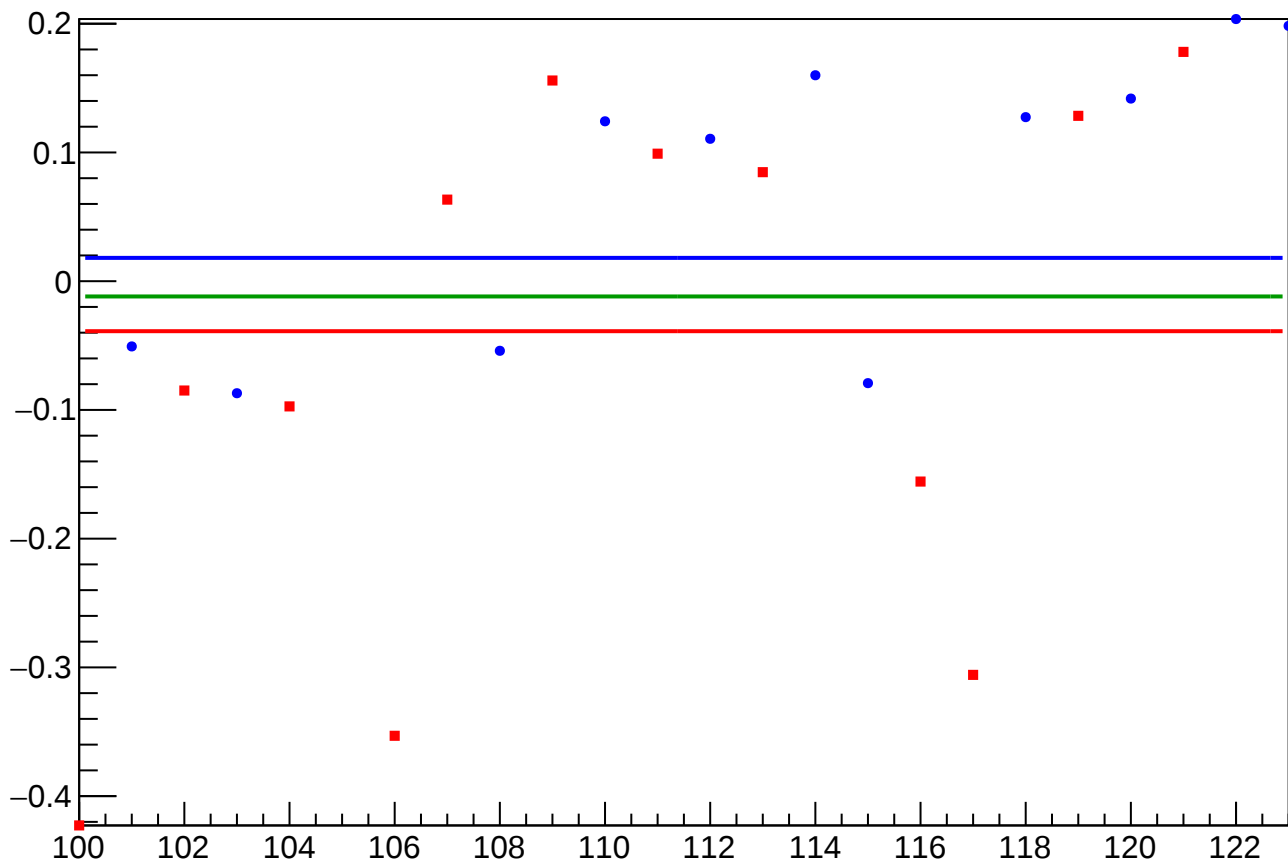
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 15187.8/10

0.070+/-0.000 χ^2/NDF : 40726.5/22

0.070+/-0.000 χ^2/NDF : 25304.2/11

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 320682873.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.000 χ^2/NDF : 928257422.2/11

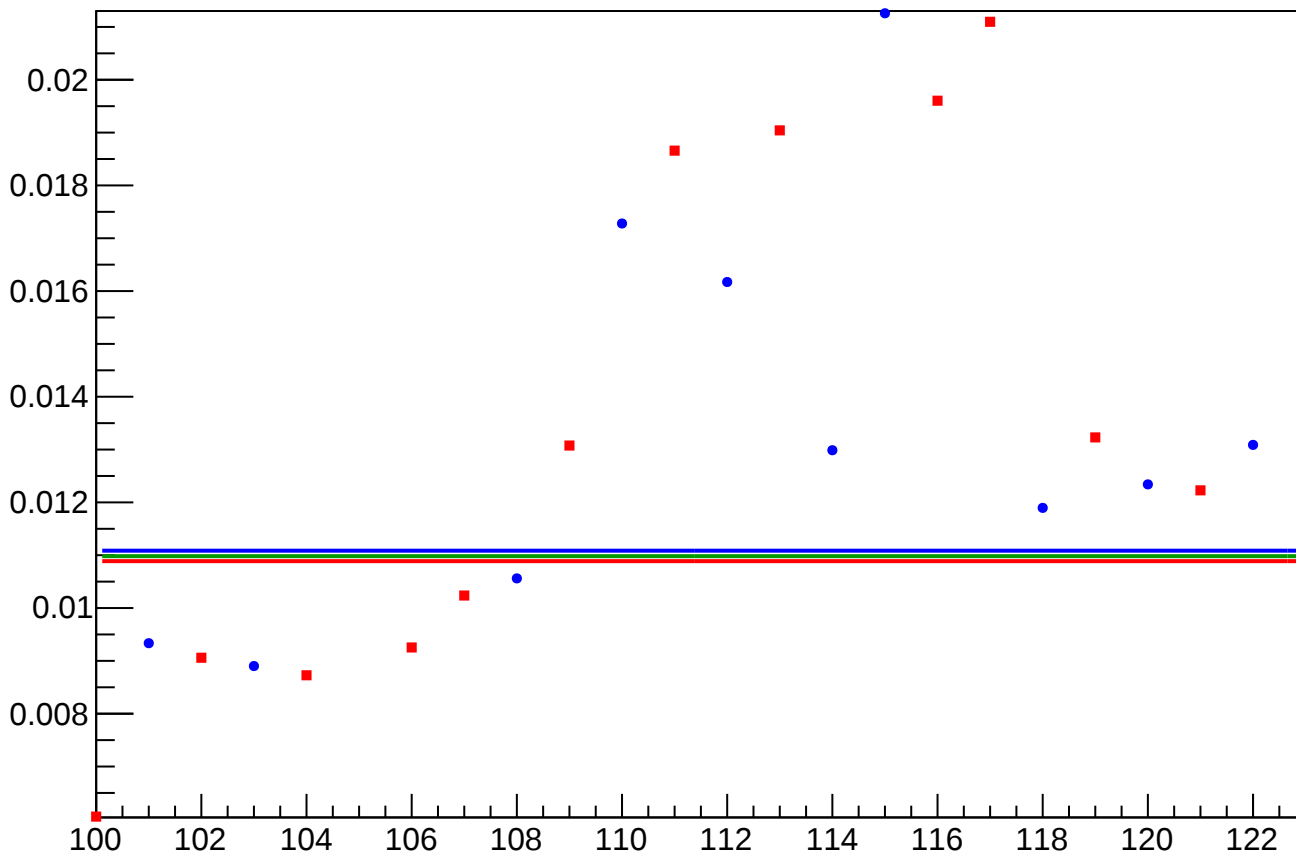
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 320682873.2/10

-0.012+/-0.000 χ^2/NDF : 1296646319.4/2

-0.039+/-0.000 χ^2/NDF : 928257422.2/11

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 356557.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 665619.3/11

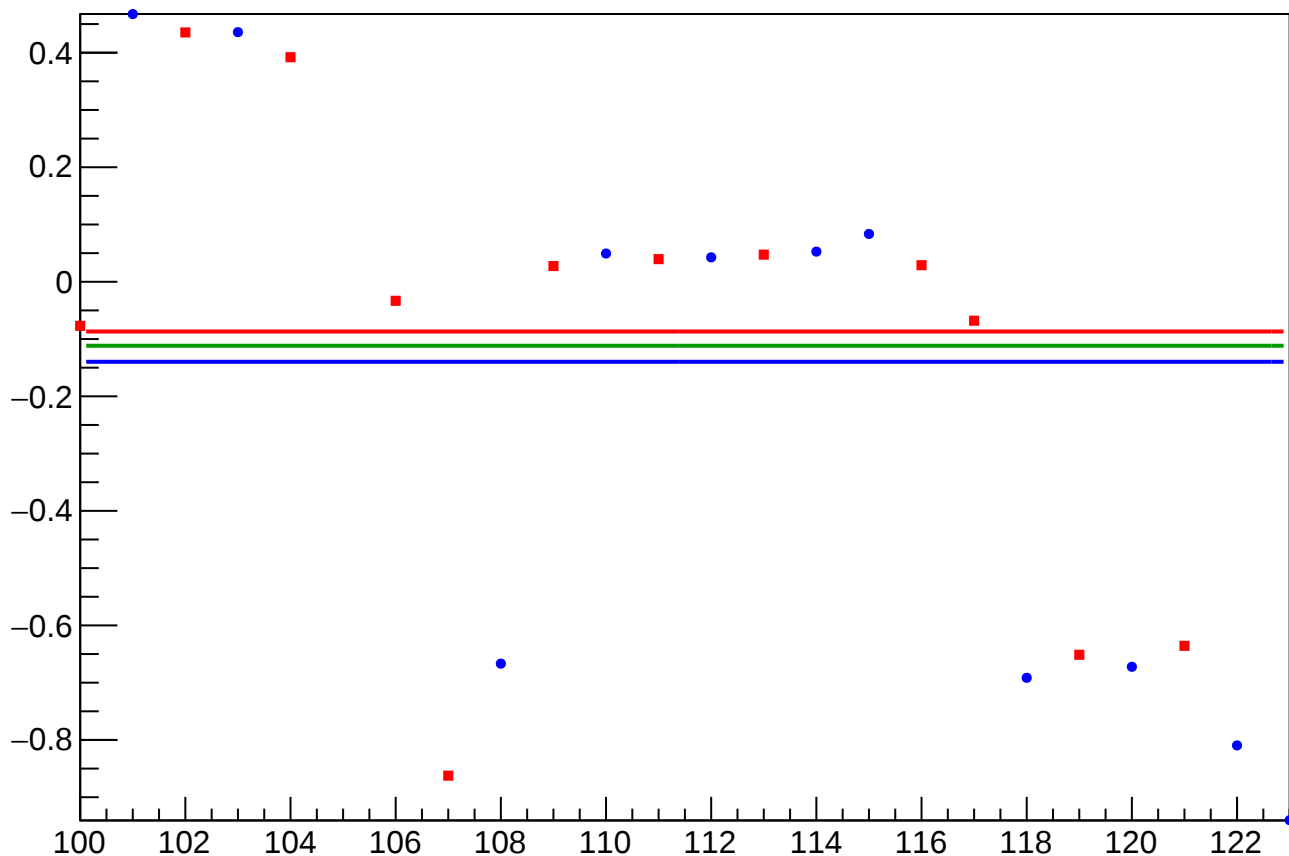
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 356557.3/10

0.011+/-0.000 χ^2/NDF : 1023331.5/22

0.011+/-0.000 χ^2/NDF : 665619.3/11

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.140+/-0.000 χ^2/NDF : 124532867.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.000 χ^2/NDF : 97377404.7/11

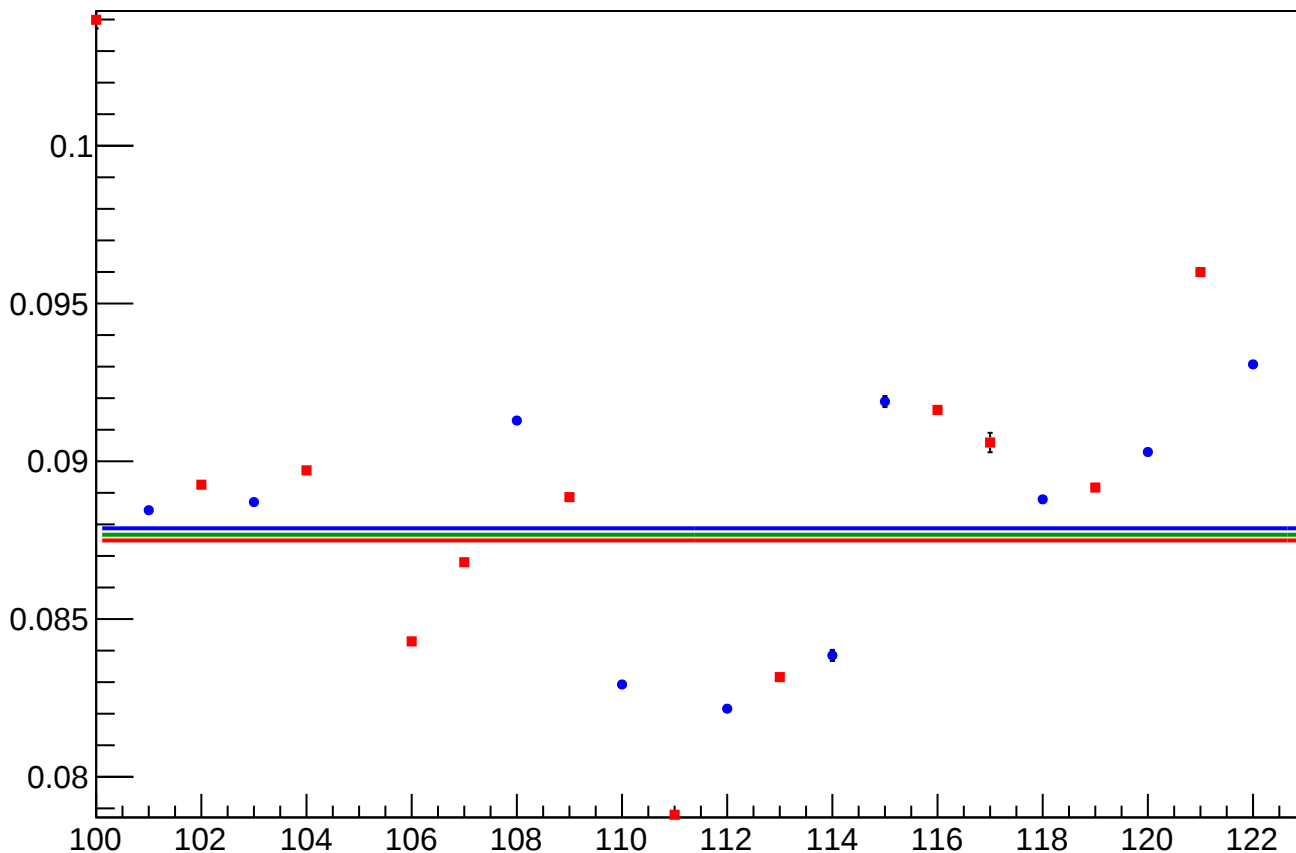
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.140+/-0.000 χ^2/NDF : 124532867.8/10

-0.112+/-0.000 χ^2/NDF : 222654705.2/22

-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 : 12514.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 26121.2/11

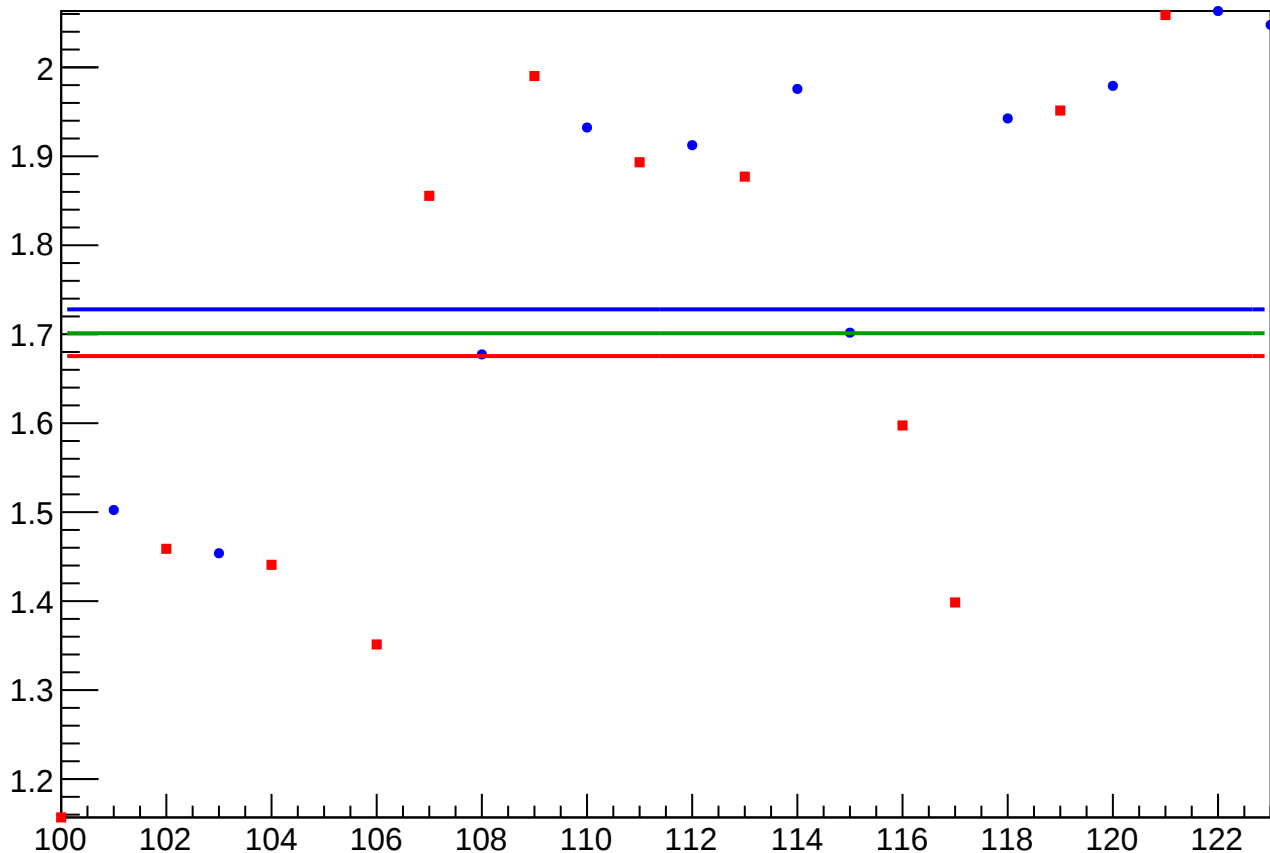
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 12514.7/10

0.088+/-0.000 χ^2/NDF : 38714.3/22

0.087+/-0.000 χ^2/NDF : 26121.2/11

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.728+/-0.000 χ^2/NDF : 840805616.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.675+/-0.000 χ^2/NDF : 1240436053.0/11

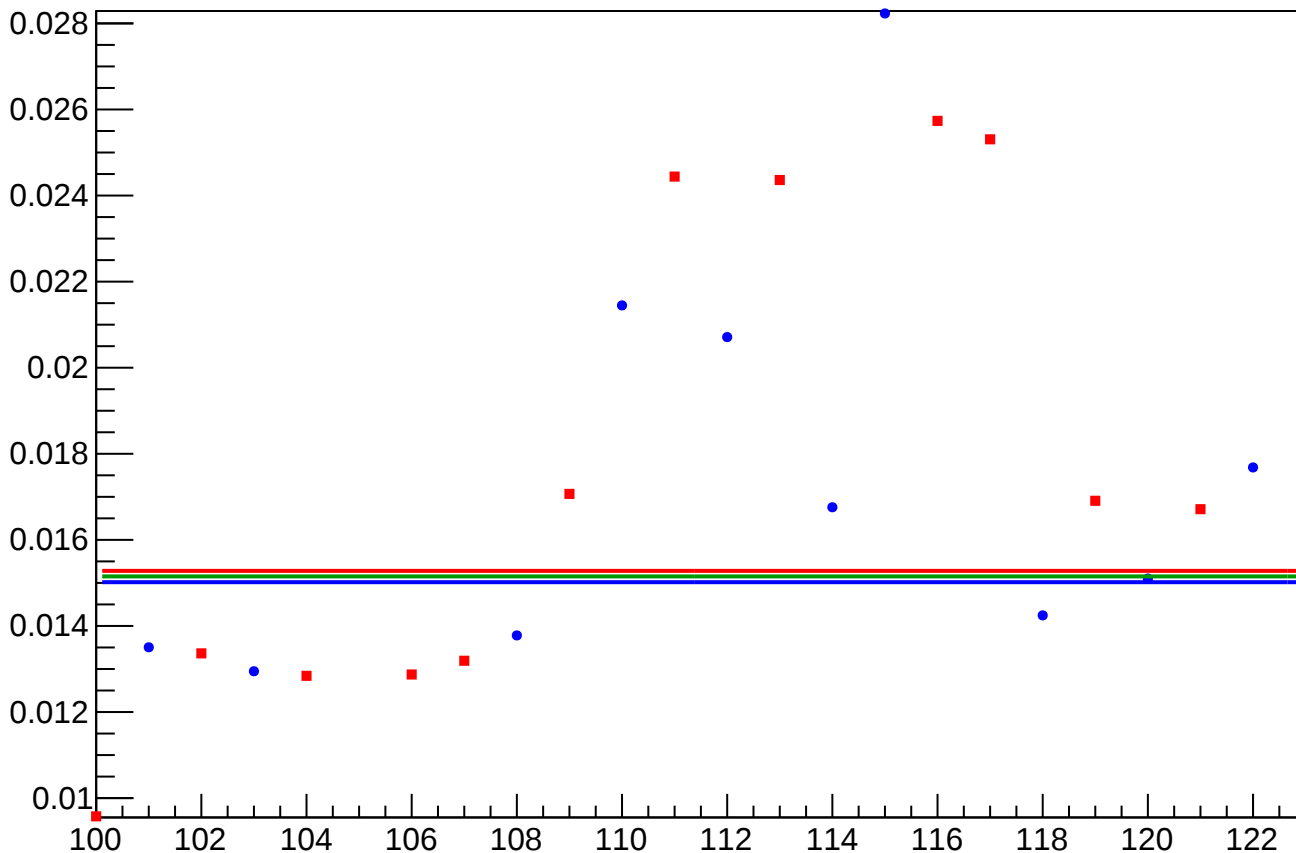
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.728+/-0.000 χ^2/NDF : 840805616.5/10

1.701+/-0.000 χ^2/NDF : 2103036773.4/22

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 : 239874.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 470357.8/11

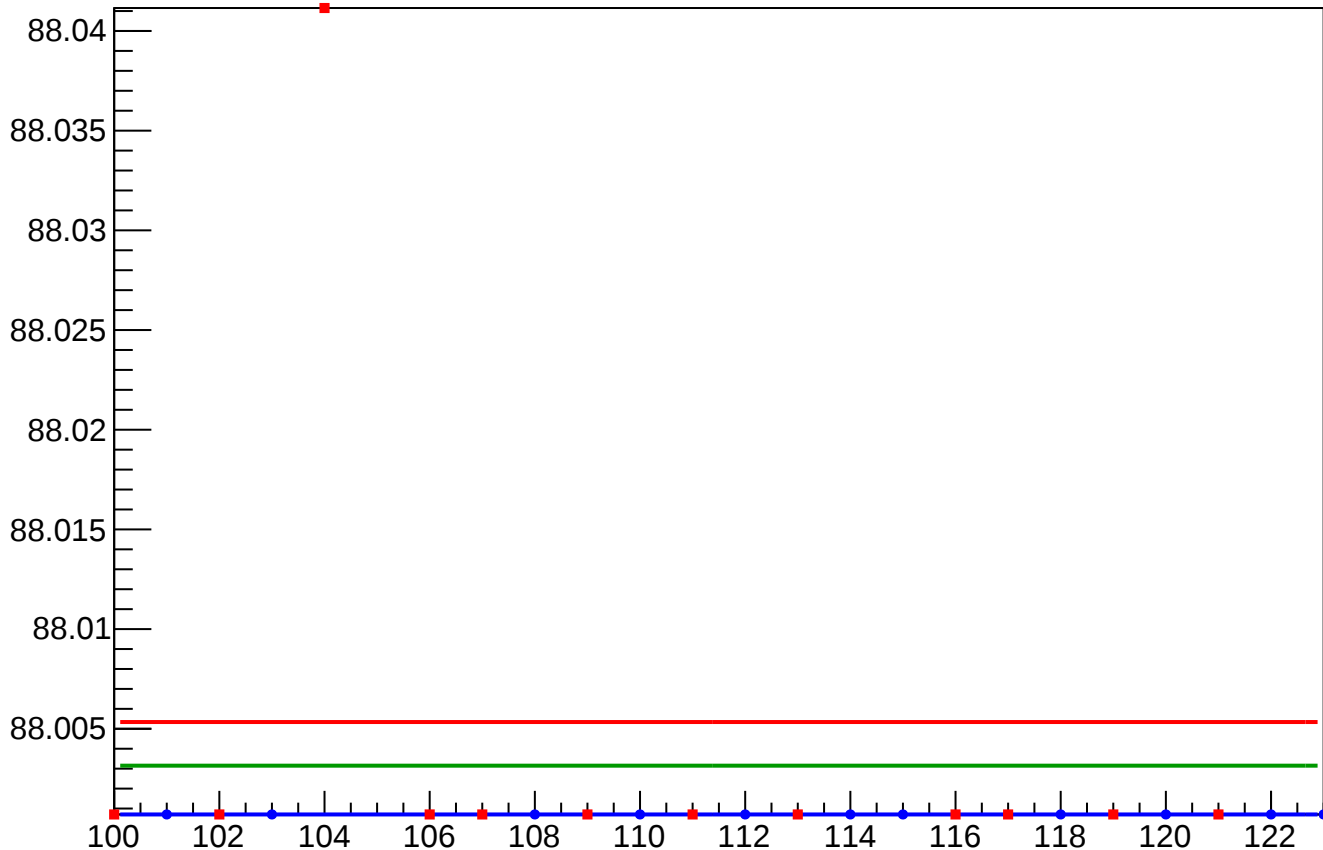
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 239874.4/10

0.015+/-0.000 χ^2/NDF : 711326.8/22

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: 922904.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 88.005+/-0.000 χ^2 /NDF: 73877074463397278235146321920.0/11

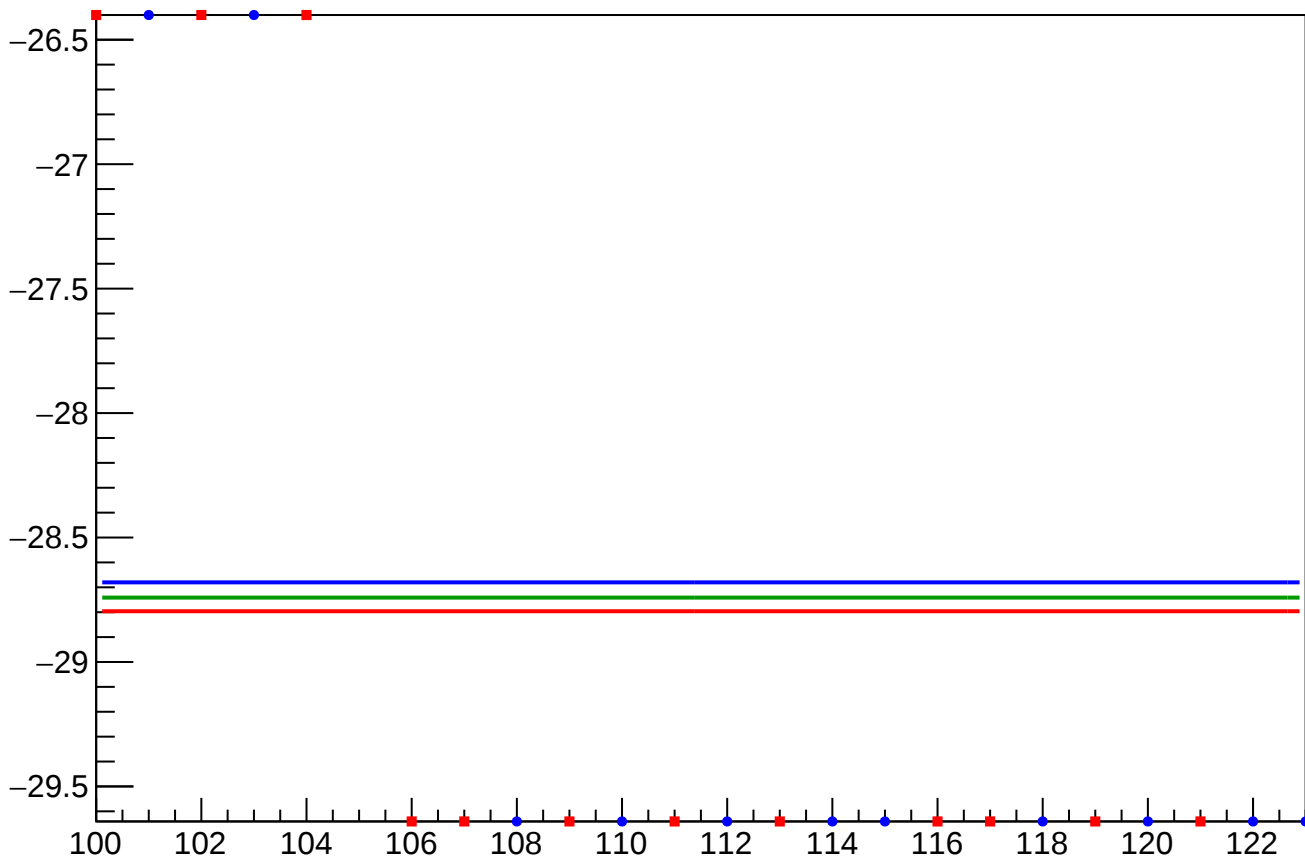
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 922904.2/10

88.003+/-0.000 χ^2 /NDF: 7839188095418

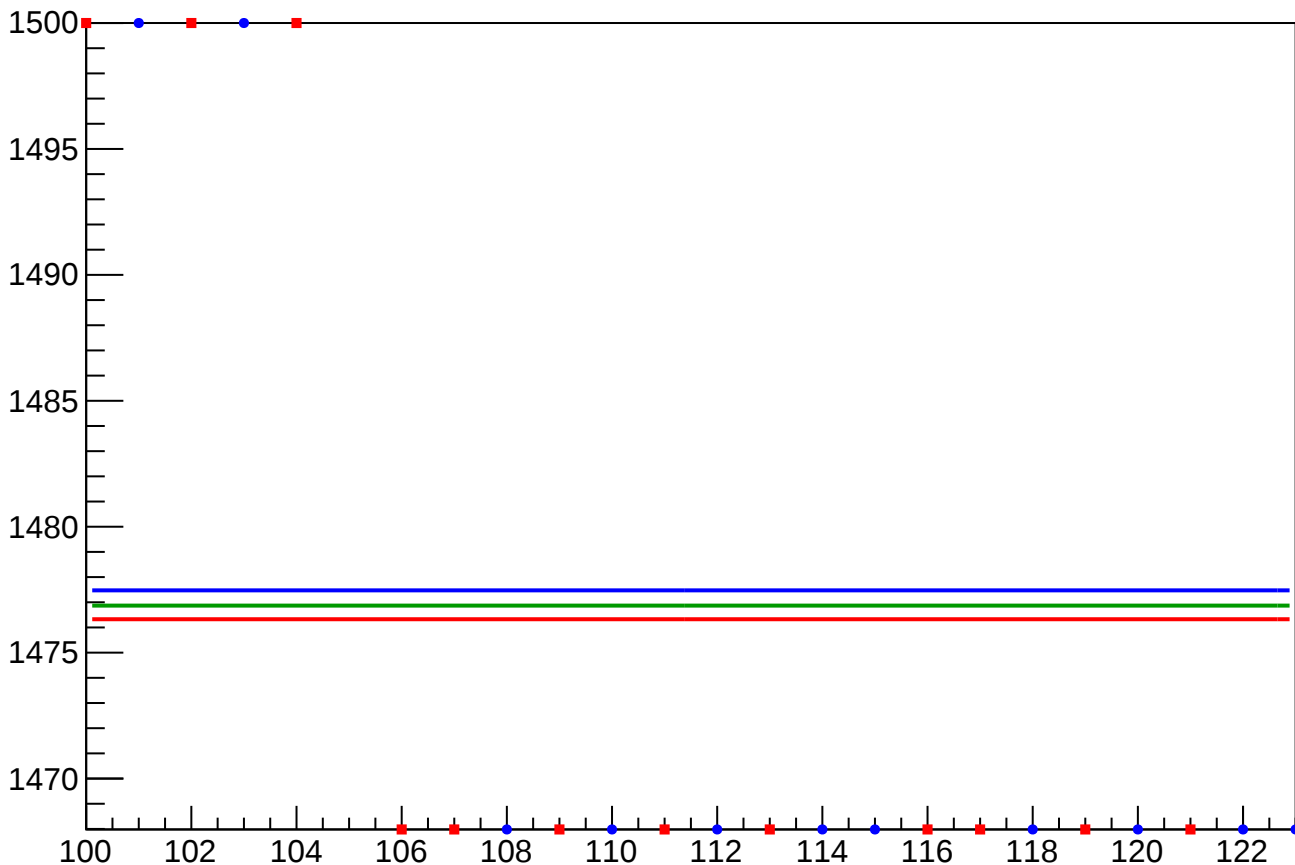
88.005+/-0.000 χ^2 /NDF: 73877074463397278235146321920.0/11

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -28.680+/-0.000 χ^2/NDF : 871459055276398367939593729212416.0/10
 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

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1477.473+/-0.000 χ^2/NDF : 85121205878979310066992086943531008.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.326+/-0.000 χ^2/NDF : 87937613860207816070335143740440576.0/11

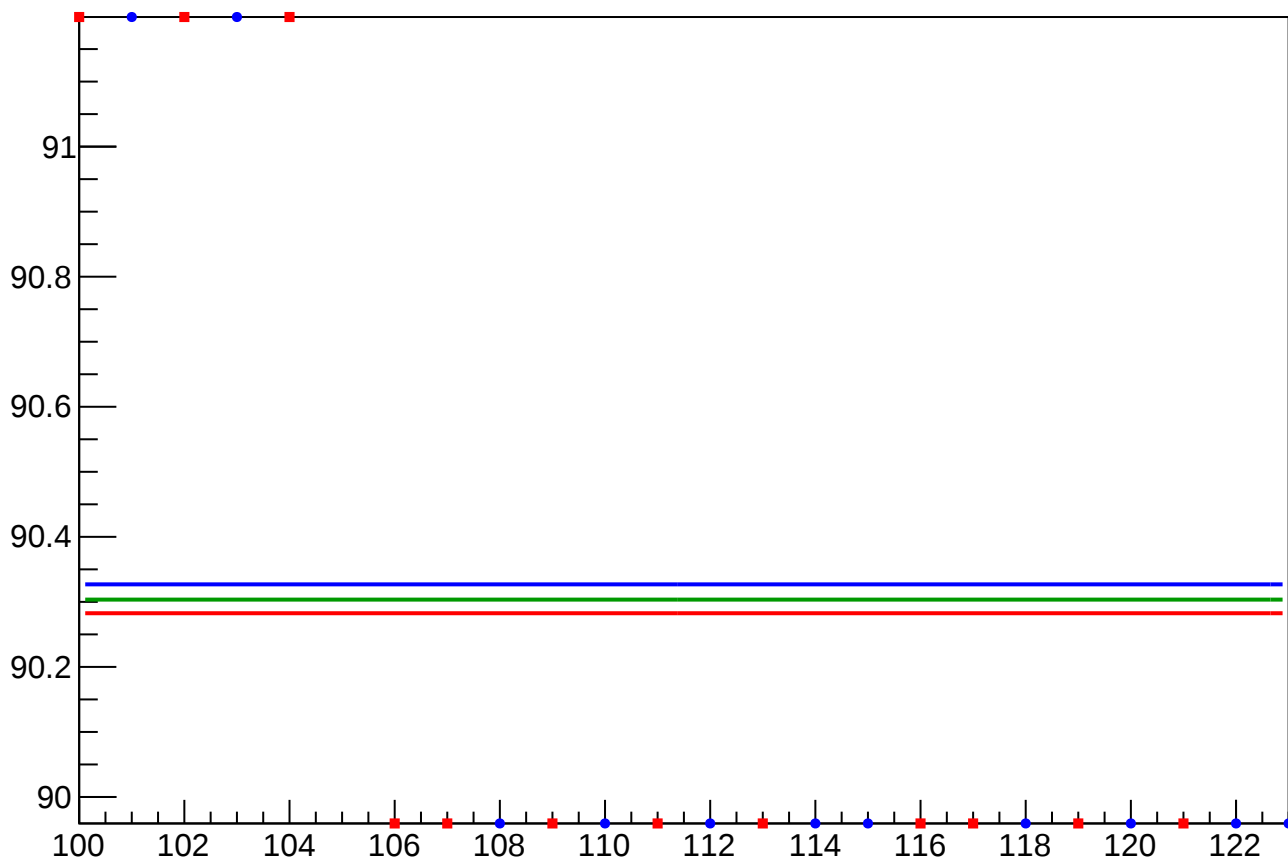
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1477.473+/-0.000 χ^2/NDF : 8512120587897931

1476.868+/-0.000 χ^2/NDF : 17333504450

1476.326+/-0.000 χ^2/NDF : 8793761386020781

epics_Phi_FGs_mean vs Slug, Sign Corrected



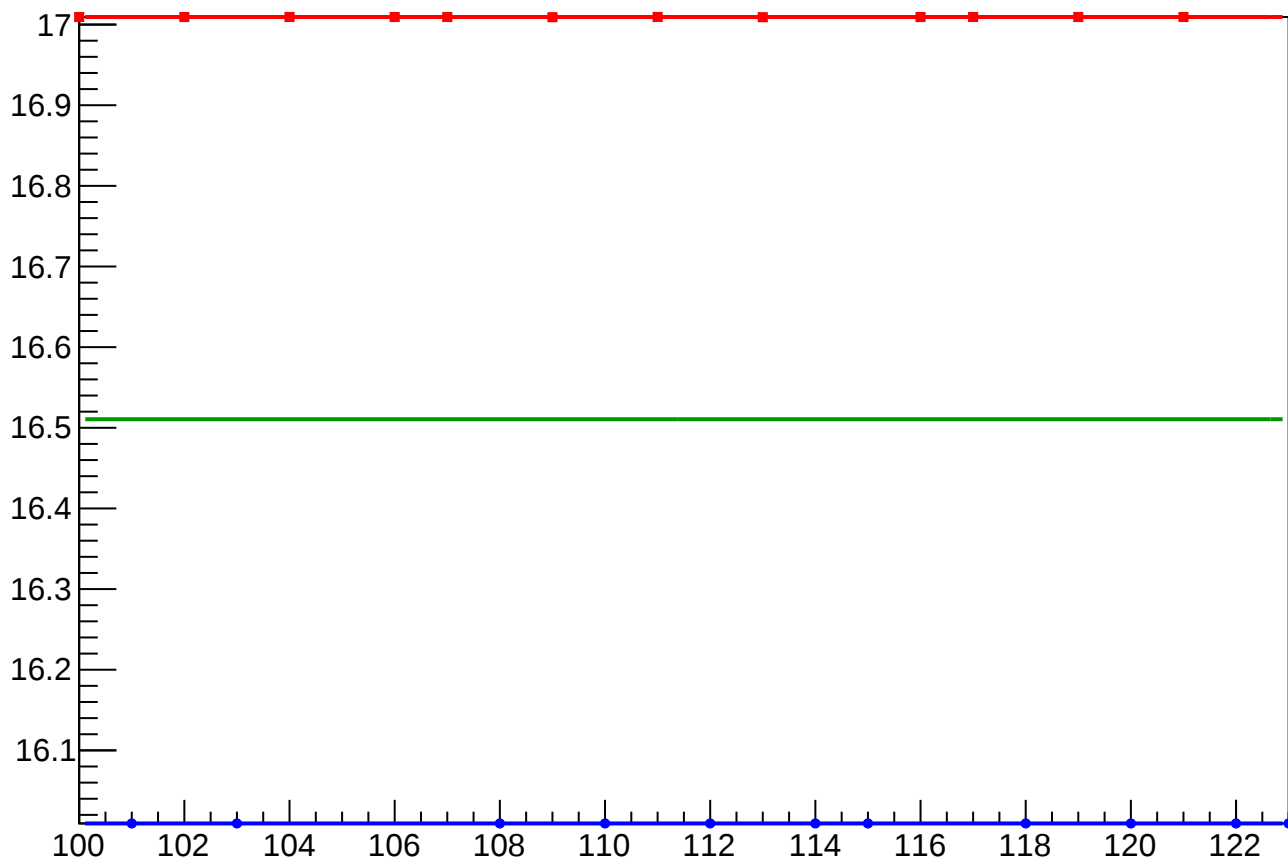
Right In: 90.327+/-0.000 χ^2/NDF : 127643979899517640628676037967872.0/10

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

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2 /NDF: 26808.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 17.009+/-0.000 χ^2 /NDF: 3249577088689104530440192.0/11

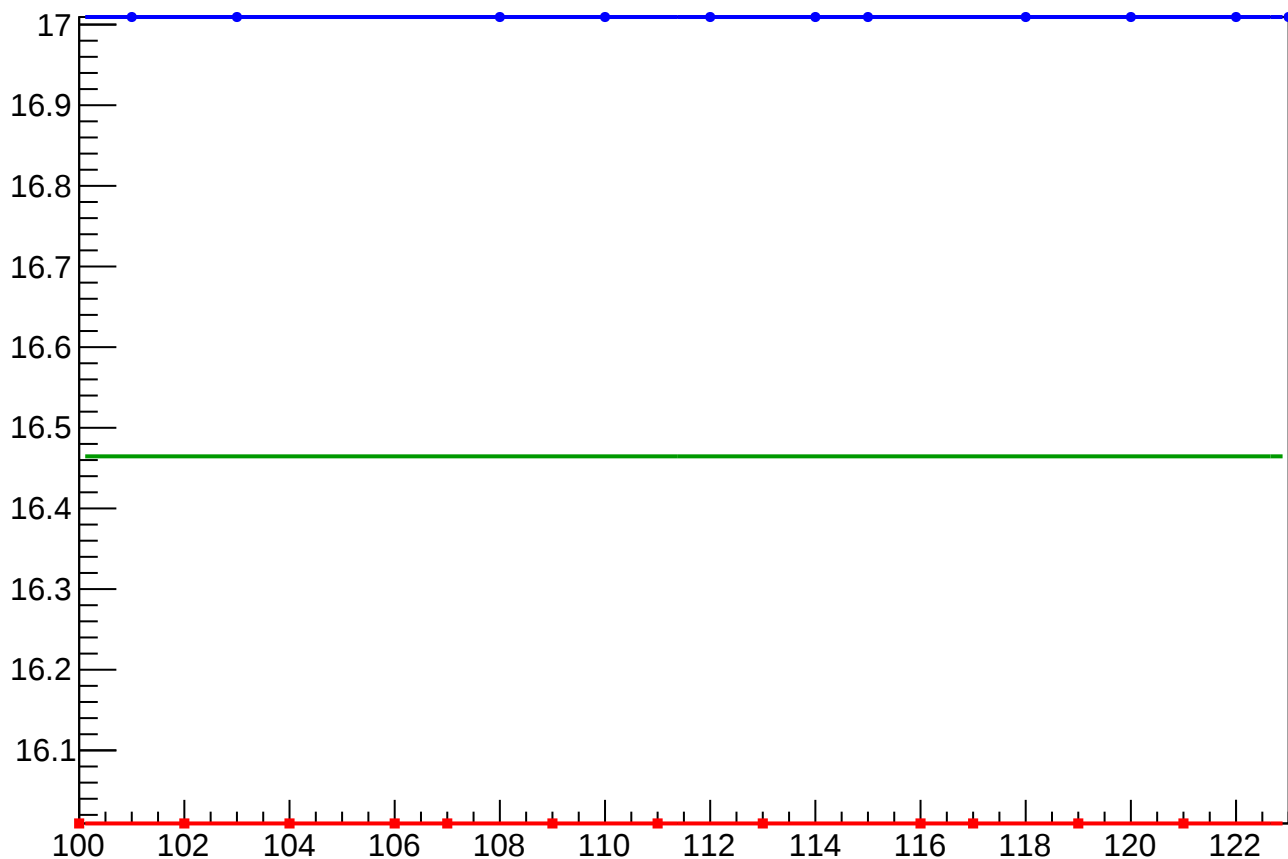
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.009+/-0.000 χ^2 /NDF: 26808.6/10

16.511+/-0.000 χ^2 /NDF: 1964800291398

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: 37095.4/10

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

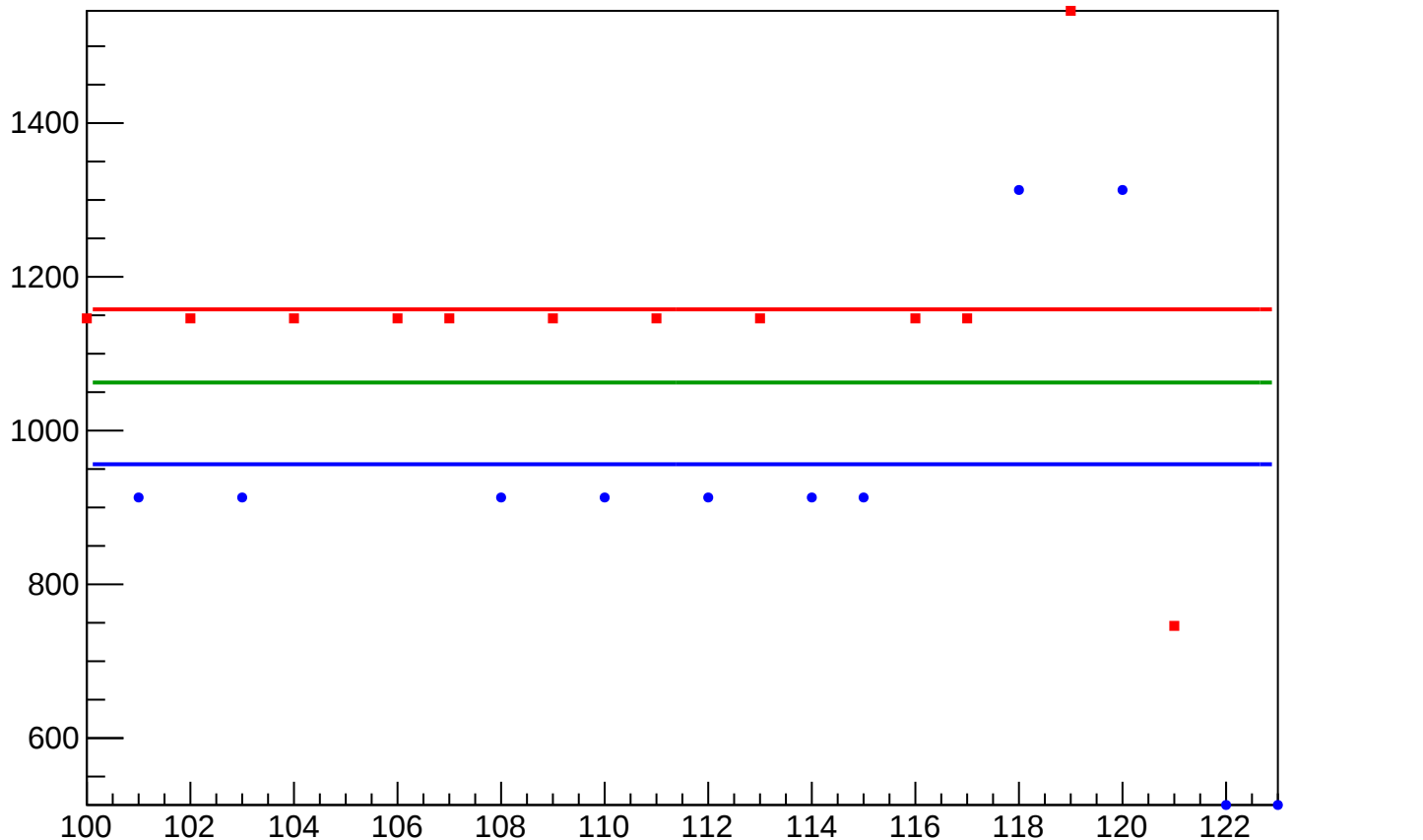
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 37095.4/10

16.465 $\pm$ 0.000 χ^2 /NDF: 1993880597014

16.009 $\pm$ 0.000 χ^2 /NDF: 13442.2/11

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 956.213+/-0.000 χ^2/NDF : 20537942747267001168496703909239193600.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.694+/-0.000 χ^2/NDF : 14499904550995945327996100459743936512.0/11

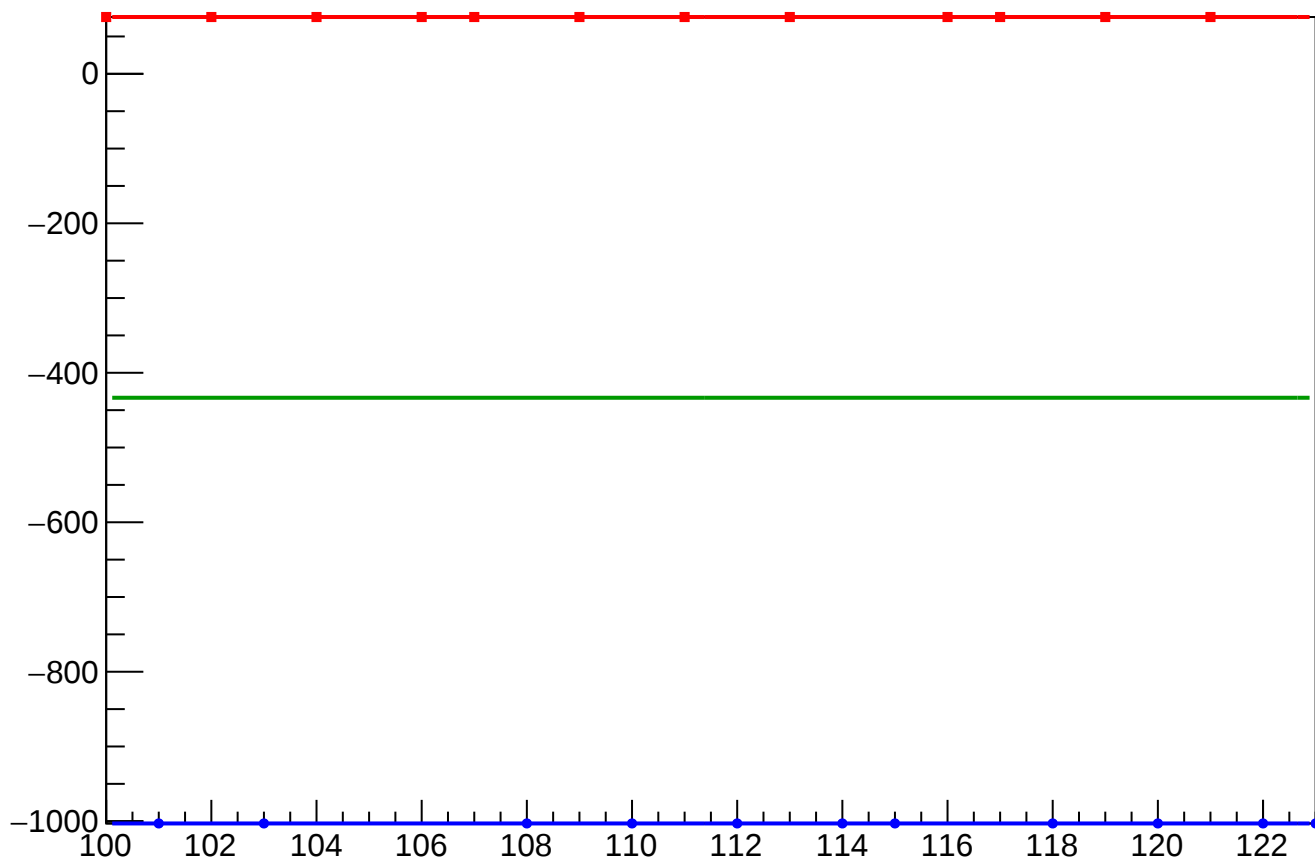
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

956.213+/-0.000 χ^2/NDF : 20537942747267001168496703909239193600.0/10

1062.570+/-0.000 χ^2/NDF : 43566508357

1157.694+/-0.000 χ^2/NDF : 14499904550995945327996100459743936512.0/11

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1002.990+/-0.000 χ^2/NDF : 1515161241424557614336835584.0/10

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 : 151516124142455

-433.411+/-0.000 χ^2/NDF : 24460093469

76.010+/-0.000 χ^2/NDF : 13075530526377583