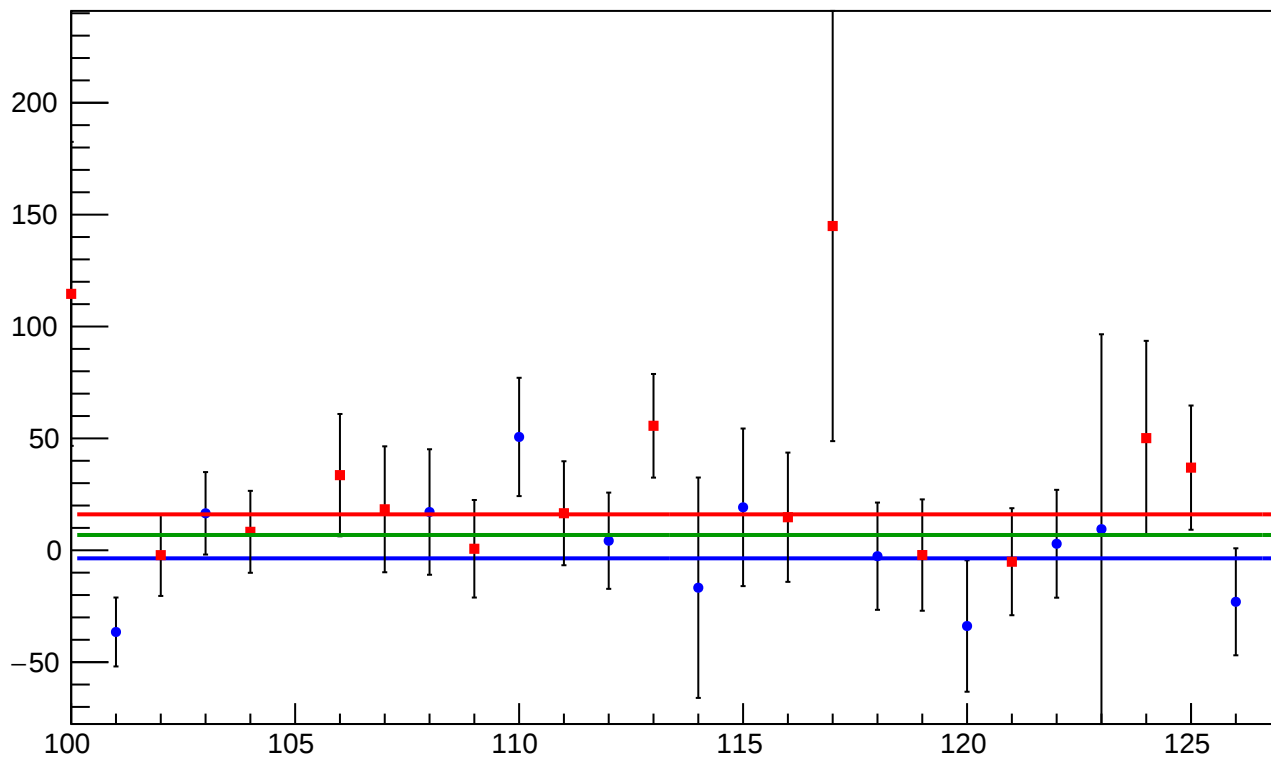


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -3.600+/-7.116

χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 16.058+/-6.690

χ^2/NDF : 11.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

-3.600+/-7.116

χ^2/NDF : 13.0/11

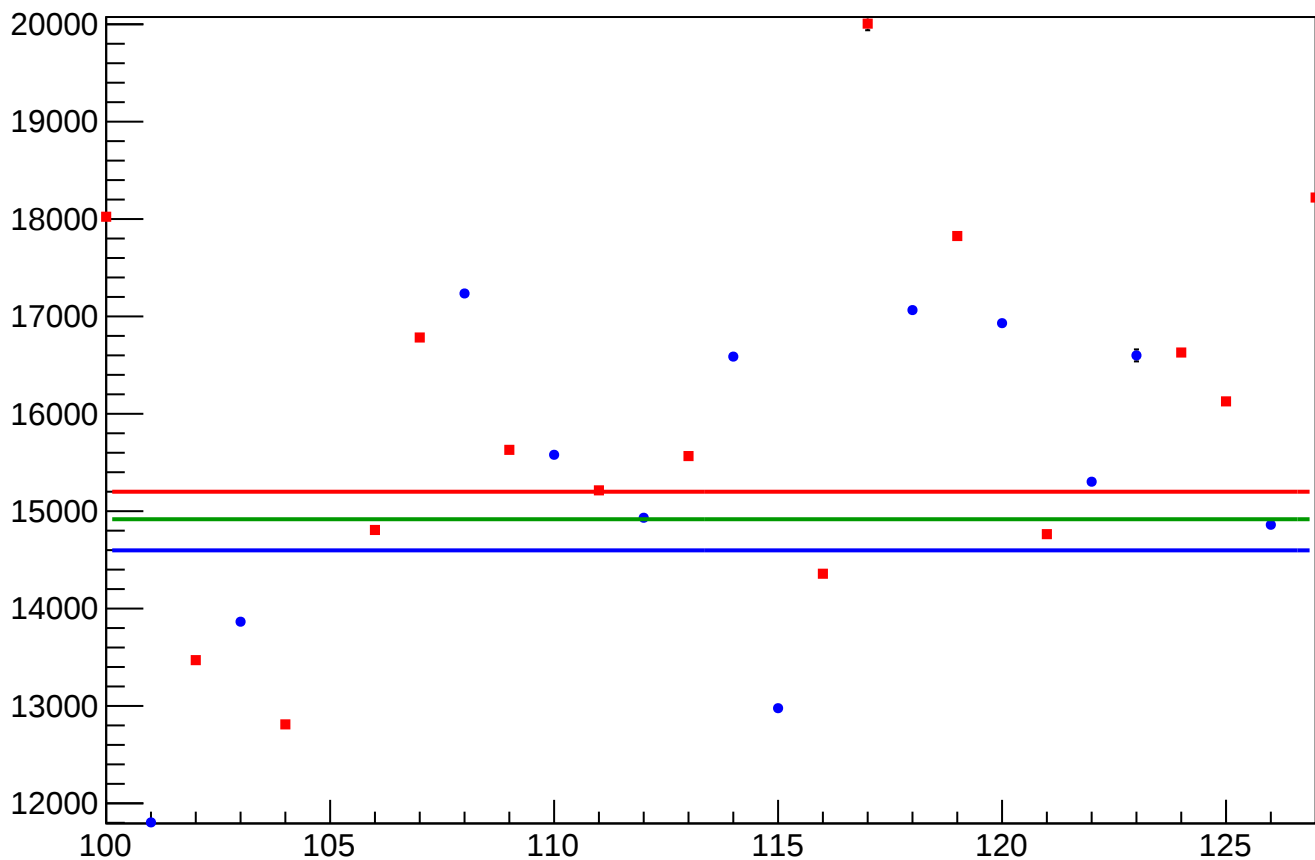
6.836+/-4.874

χ^2/NDF : 28.4/26

16.058+/-6.690

χ^2/NDF : 11.4/14

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14597.658+/-5.032 χ^2/NDF : 134217.0/11

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

Right Out: 15199.857+/-4.730 χ^2/NDF : 119800.3/14

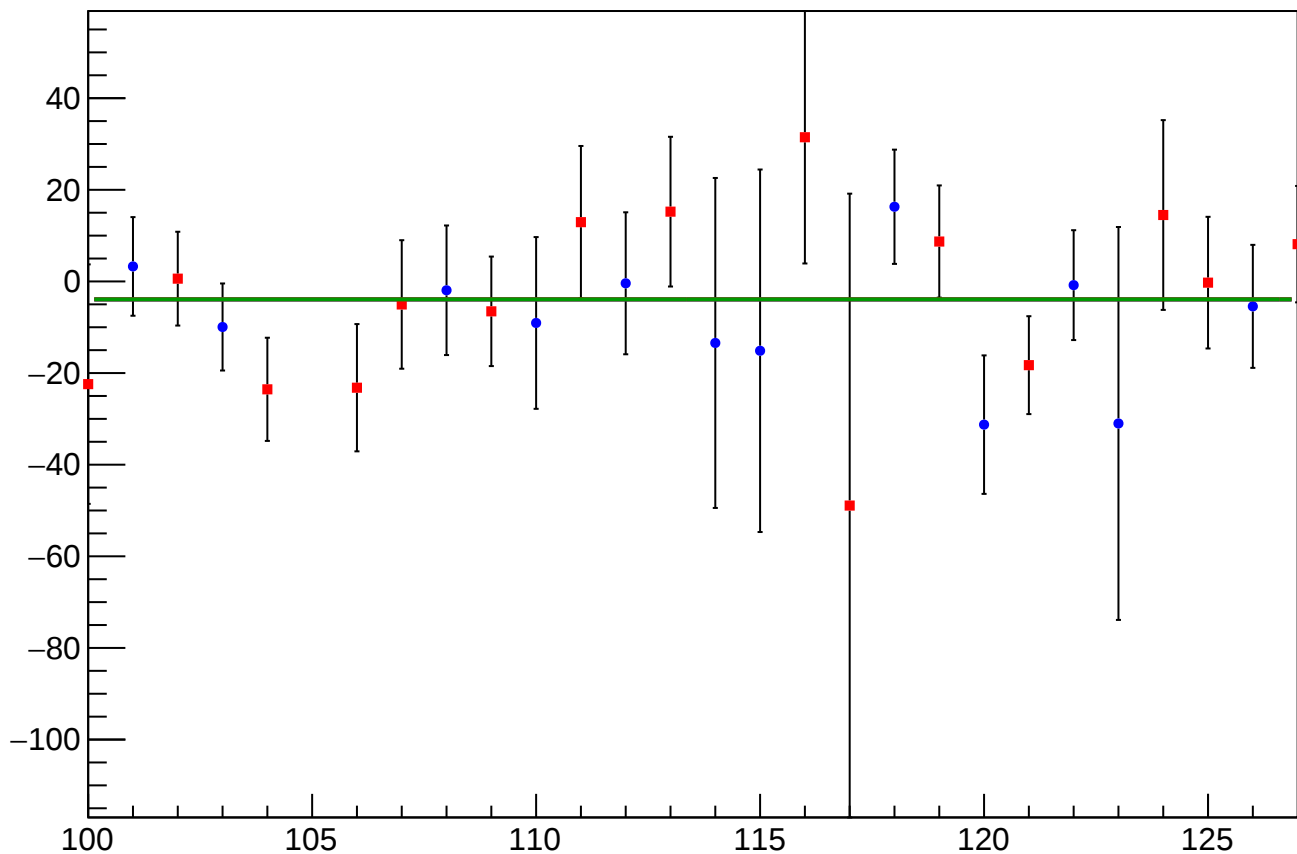
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14597.658+/-5.032 χ^2/NDF : 134217.0/11

14917.361+/-3.447 χ^2/NDF : 261620.3/26

15199.857+/-4.730 χ^2/NDF : 119800.3/14

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.925+/-4.189 χ^2 /NDF: 7.5/11

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

Right Out: -3.907+/-3.680 χ^2 /NDF: 14.8/14

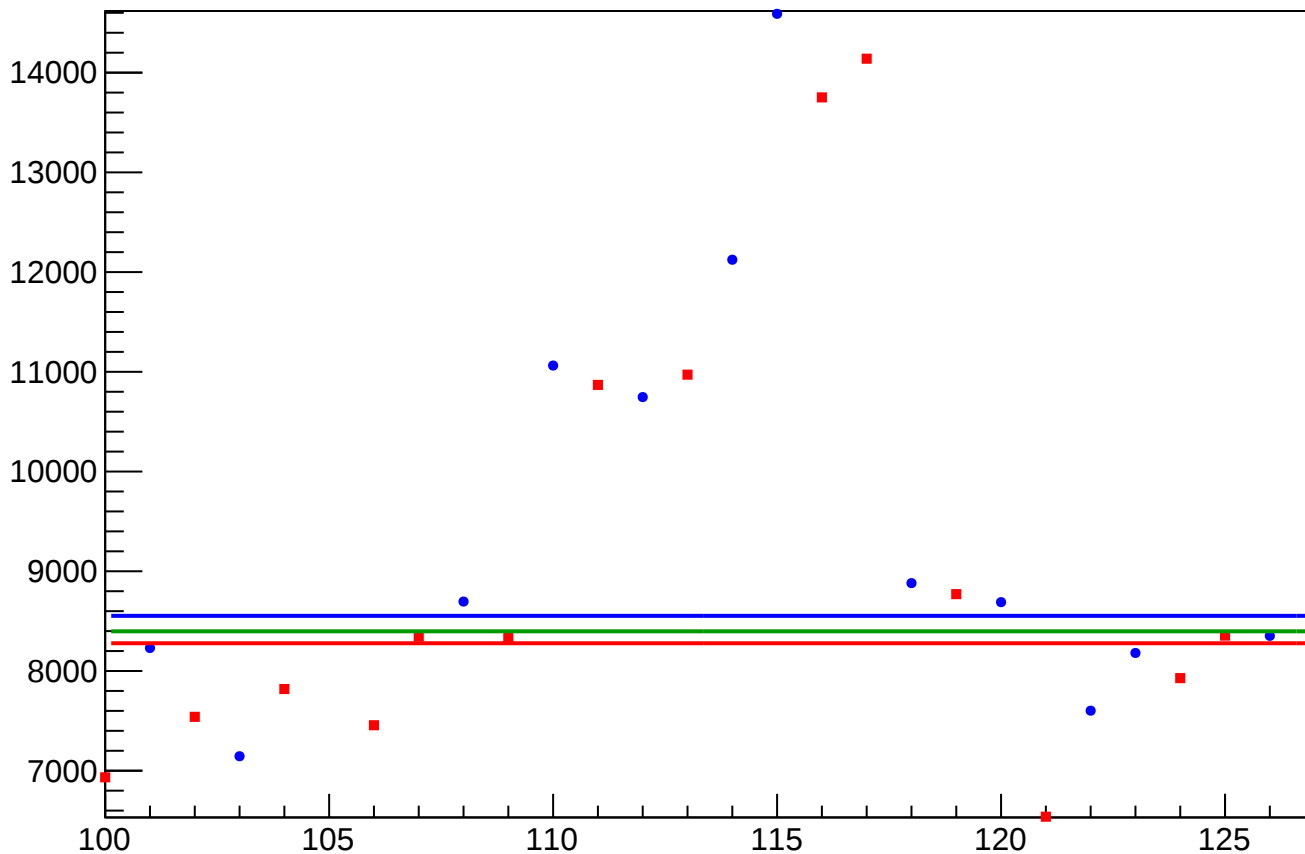
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.925+/-4.189 χ^2 /NDF: 7.5/11

-3.915+/-2.765 χ^2 /NDF: 22.4/26

-3.907+/-3.680 χ^2 /NDF: 14.8/14

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8553.102+/-2.962 χ^2/NDF : 202825.8/11

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

Right Out: 8278.243+/-2.602 χ^2/NDF : 279716.8/14

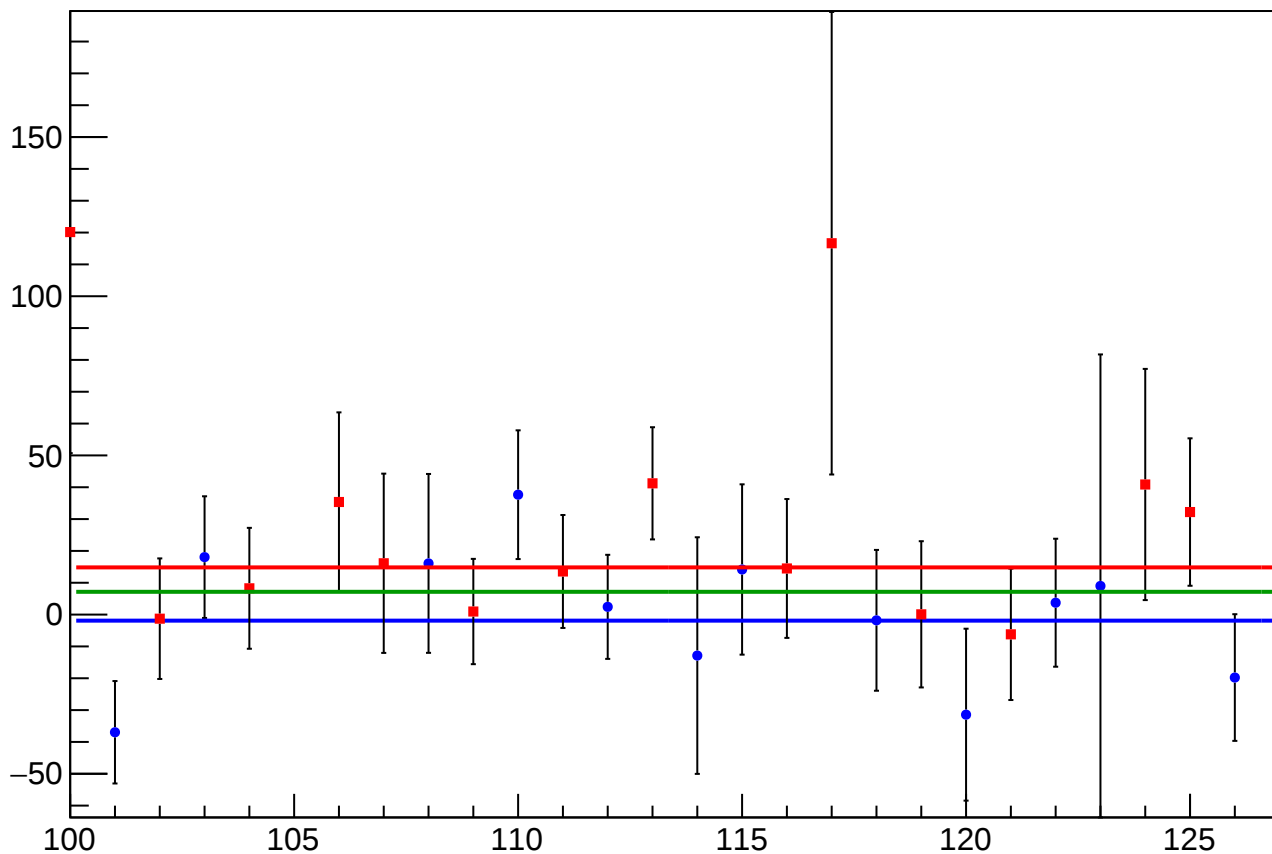
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8553.102+/-2.962 χ^2/NDF : 202825.8/11

8397.963+/-1.955 χ^2/NDF : 487402.6/26

8278.243+/-2.602 χ^2/NDF : 279716.8/14

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -1.902 ± 6.352 χ^2/NDF : 12.7/11

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

Right Out: 14.824 ± 5.845 χ^2/NDF : 11.2/14

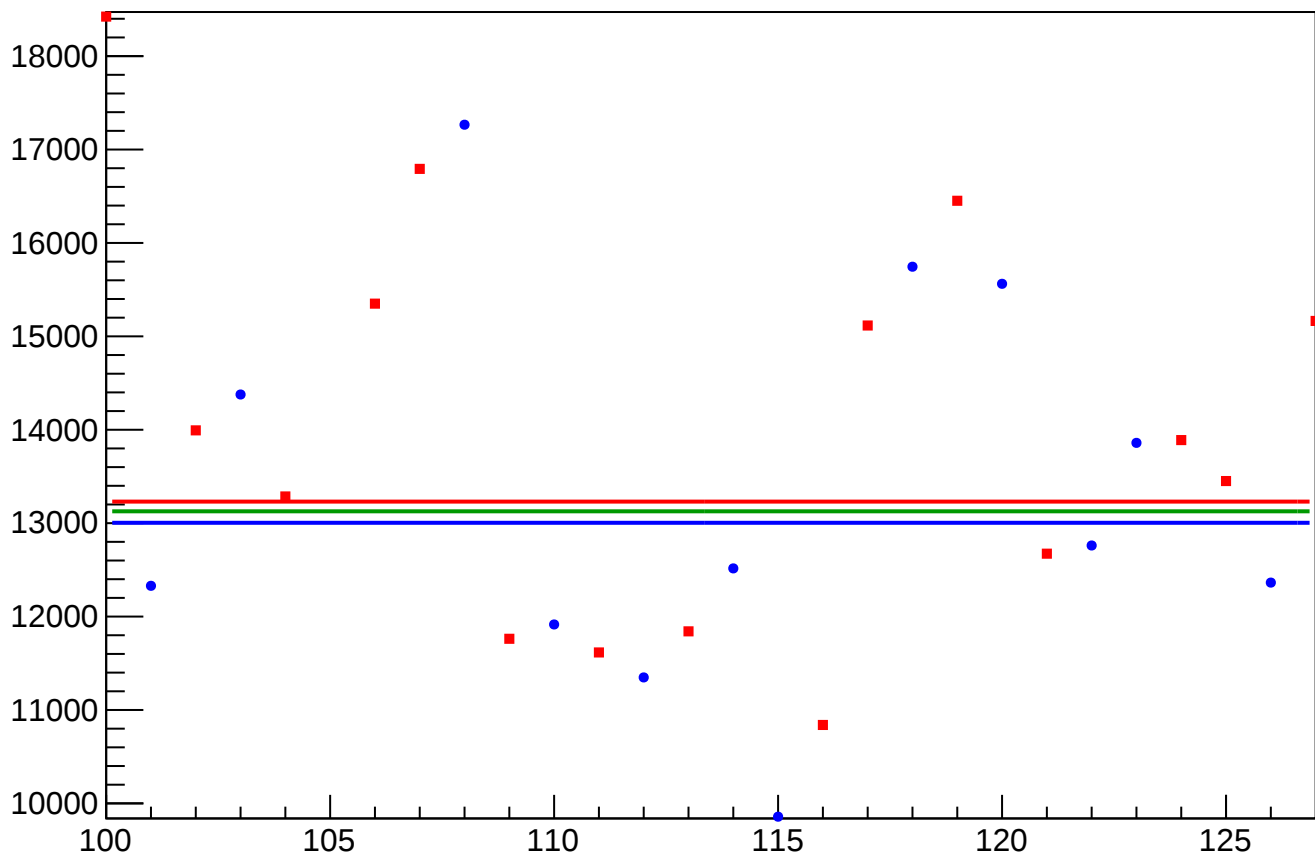
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.902 ± 6.352 χ^2/NDF : 12.7/11

7.155 ± 4.301 χ^2/NDF : 27.6/26

14.824 ± 5.845 χ^2/NDF : 11.2/14

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13003.989+/-4.491 χ^2/NDF : 165539.8/11

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

Right Out: 13230.911+/-4.133 χ^2/NDF : 182808.6/14

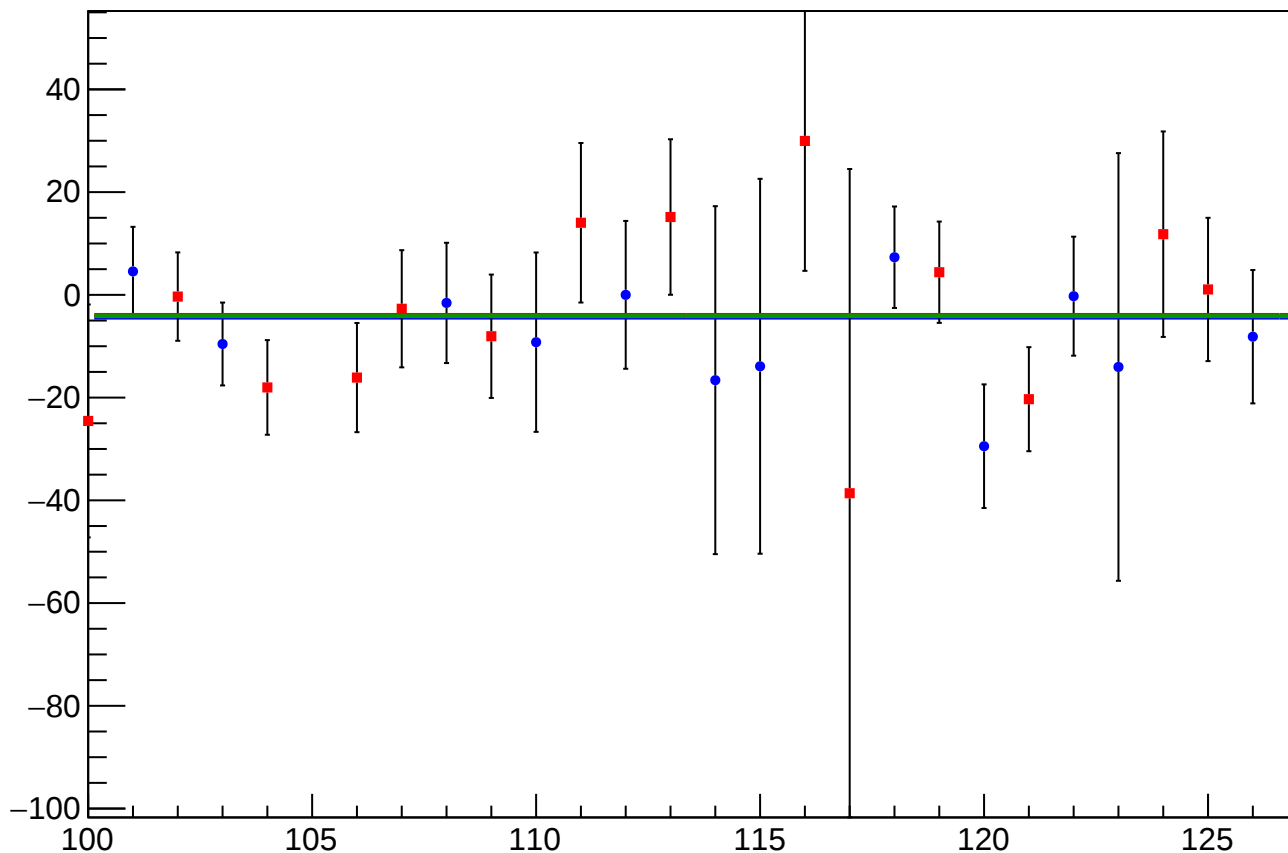
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13003.989+/-4.491 χ^2/NDF : 165539.8/11

13126.866+/-3.041 χ^2/NDF : 349730.7/26

13230.911+/-4.133 χ^2/NDF : 182808.6/14

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.423+/-3.609 χ^2 /NDF: 7.9/11

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

Right Out: -3.911+/-3.237 χ^2 /NDF: 15.2/14

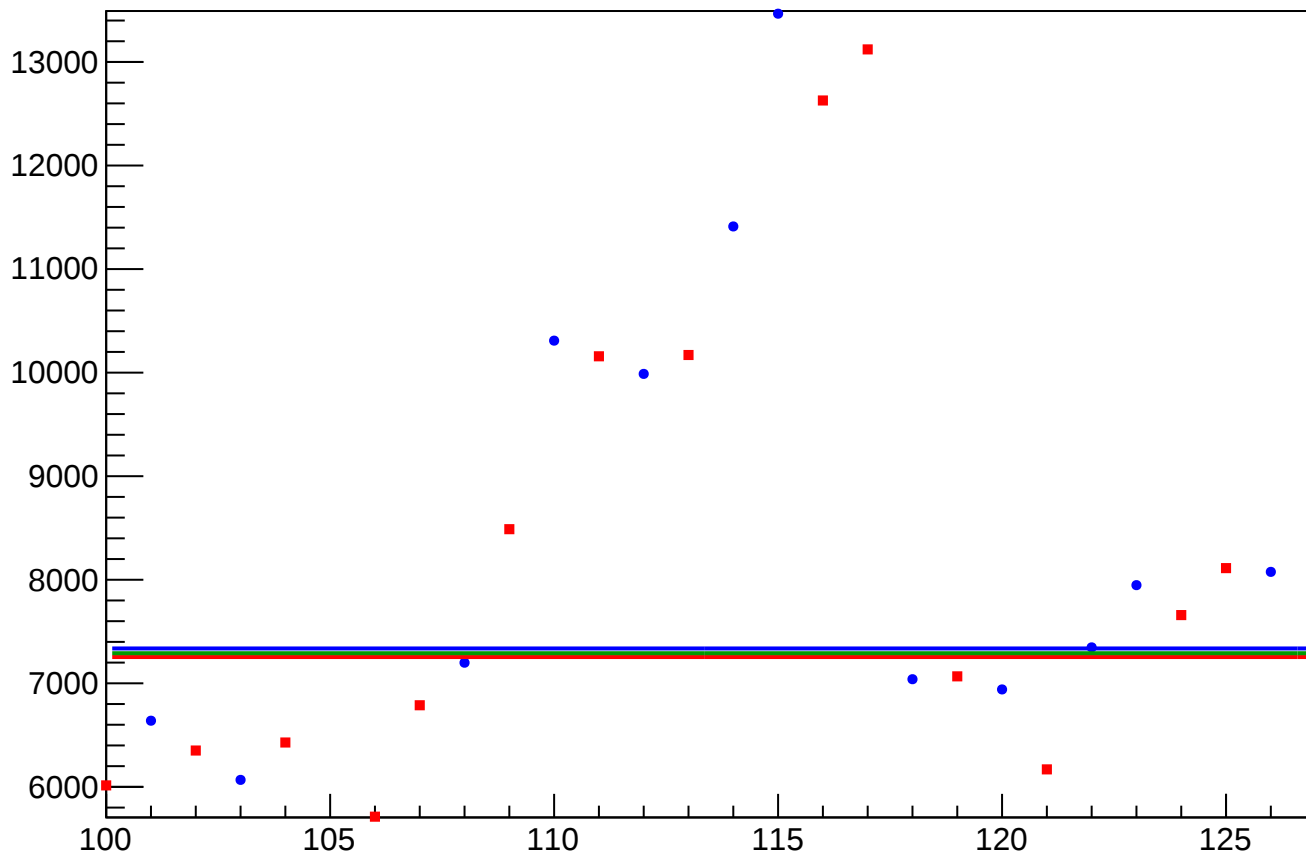
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.423+/-3.609 χ^2 /NDF: 7.9/11

-4.139+/-2.410 χ^2 /NDF: 23.1/26

-3.911+/-3.237 χ^2 /NDF: 15.2/14

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7336.539+/-2.552 χ^2/NDF : 284848.4/11

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

Right Out: 7253.750+/-2.289 χ^2/NDF : 403131.6/14

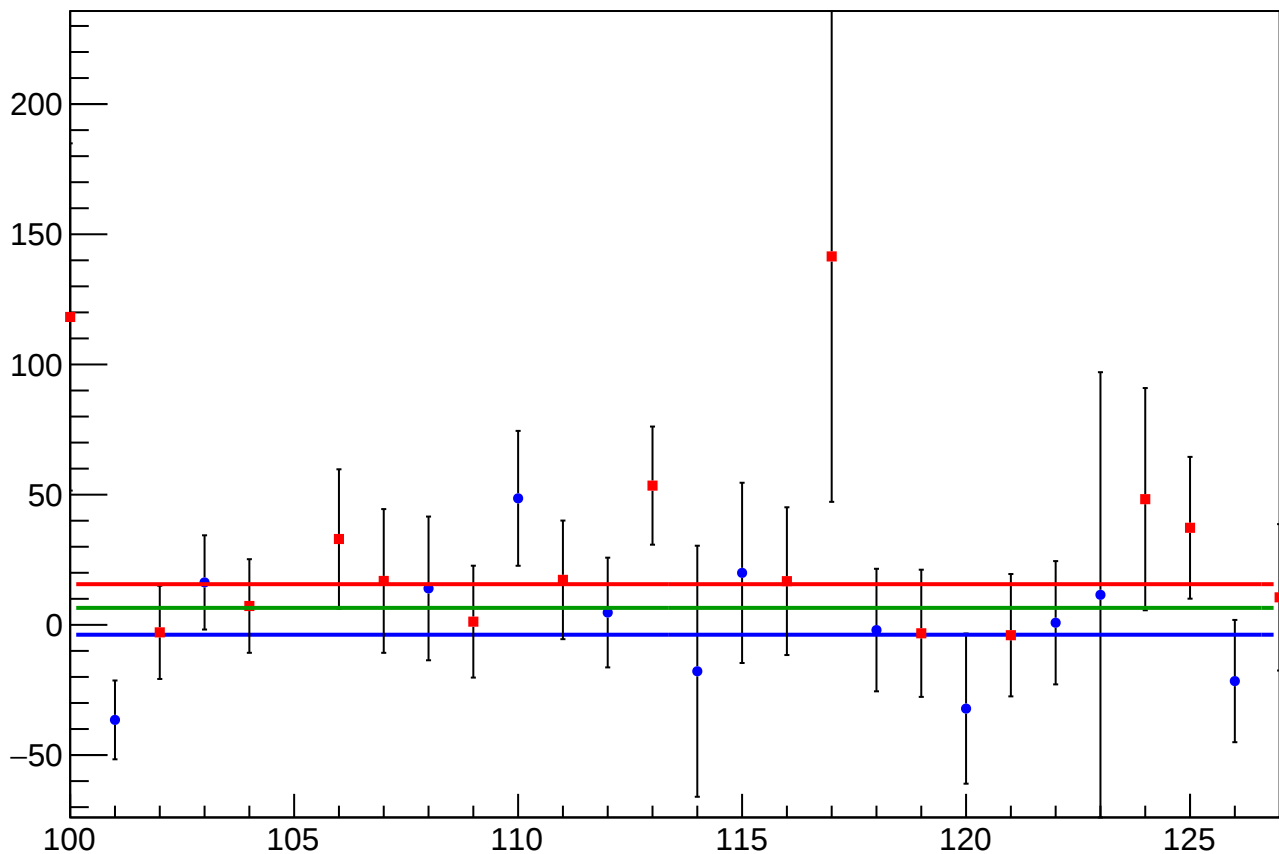
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7336.539+/-2.552 χ^2/NDF : 284848.4/11

7290.668+/-1.704 χ^2/NDF : 688563.2/26

7253.750+/-2.289 χ^2/NDF : 403131.6/14

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -3.786 ± 6.987 χ^2/NDF : 12.7/11

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

Right Out: 15.625 ± 6.566 χ^2/NDF : 11.6/14

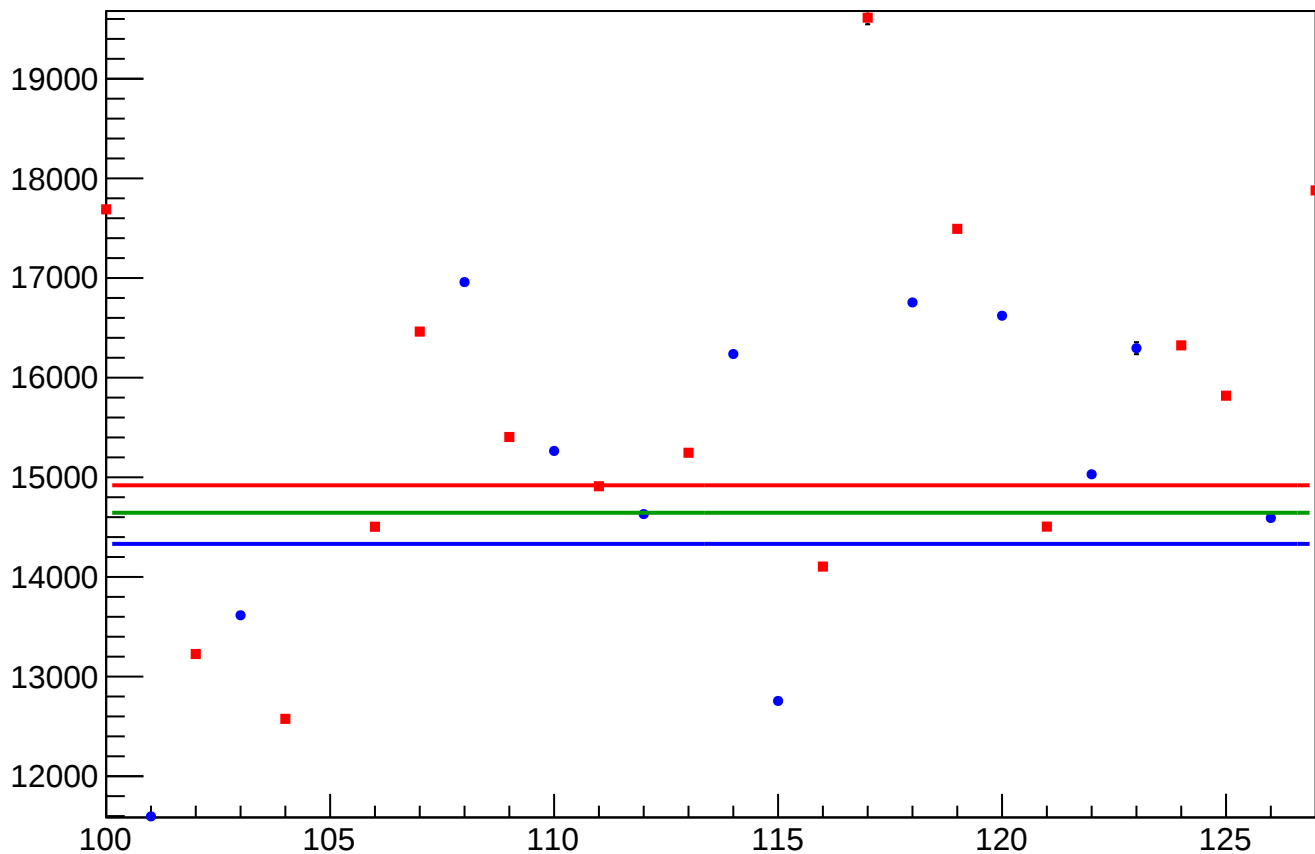
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.786 ± 6.987 χ^2/NDF : 12.7/11

6.521 ± 4.785 χ^2/NDF : 28.5/26

15.625 ± 6.566 χ^2/NDF : 11.6/14

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14331.895+/-4.940 χ^2/NDF : 133732.3/11

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

Right Out: 14919.866+/-4.643 χ^2/NDF : 119485.3/14

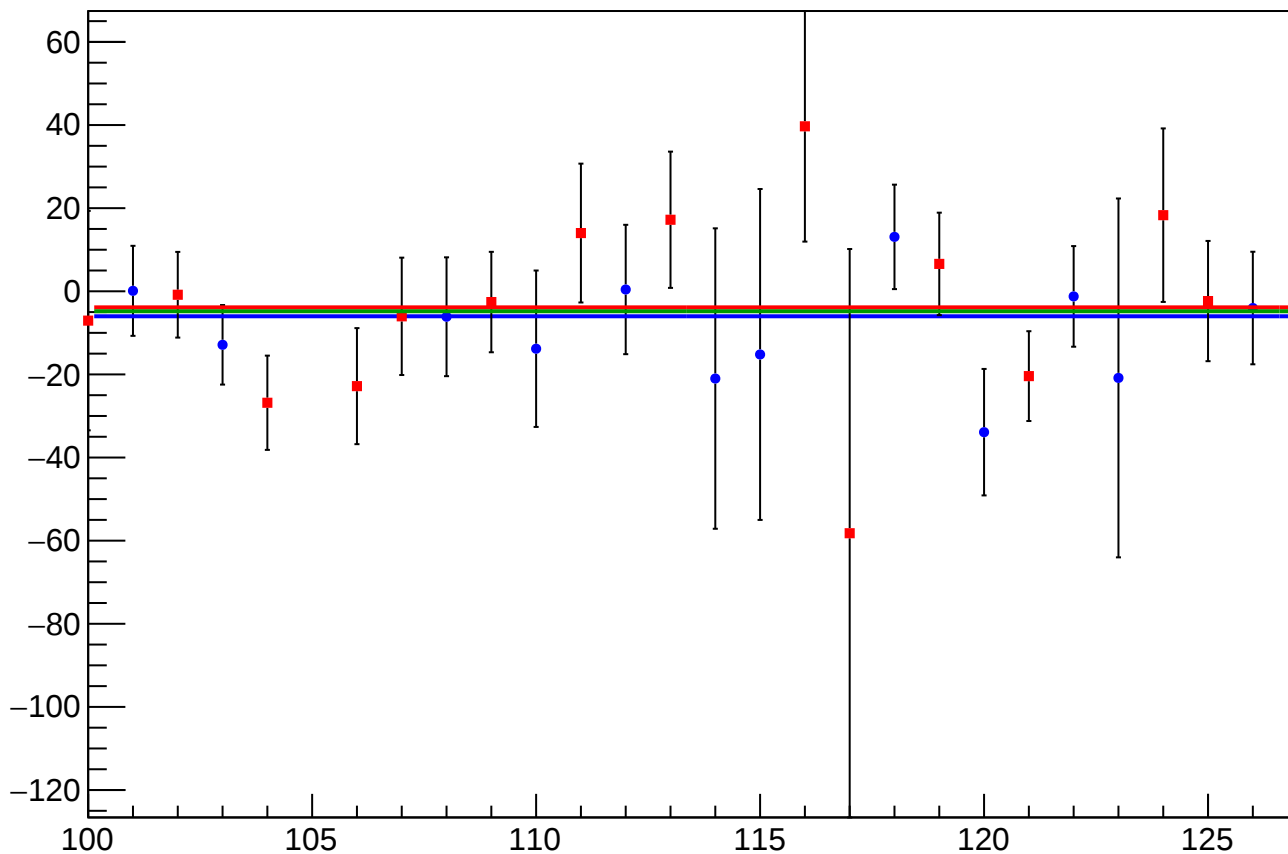
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14331.895+/-4.940 χ^2/NDF : 133732.3/11

14644.102+/-3.383 χ^2/NDF : 260738.9/26

14919.866+/-4.643 χ^2/NDF : 119485.3/14

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.012+/-4.220 χ^2/NDF : 7.4/11

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

Right Out: -3.867+/-3.708 χ^2/NDF : 17.3/14

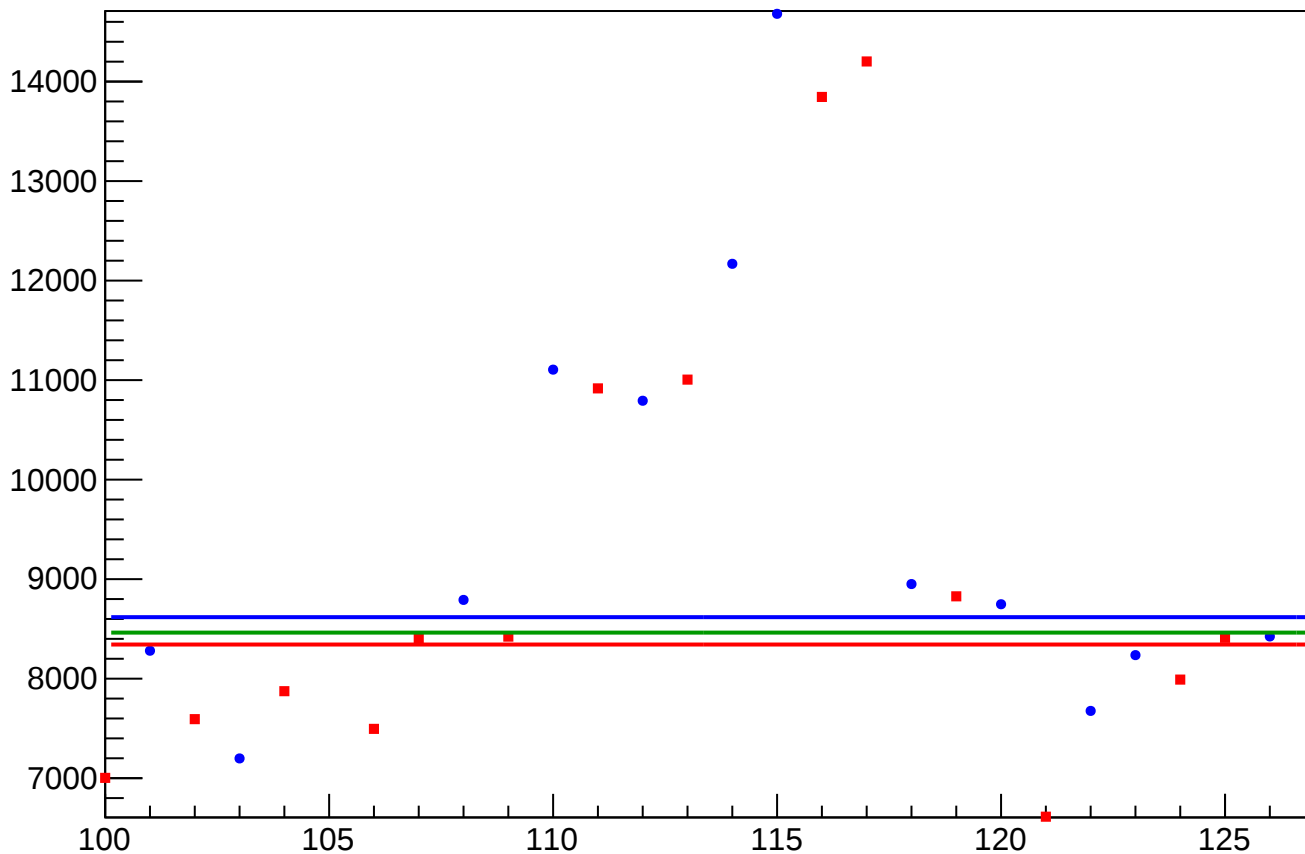
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.012+/-4.220 χ^2/NDF : 7.4/11

-4.802+/-2.785 χ^2/NDF : 24.8/26

-3.867+/-3.708 χ^2/NDF : 17.3/14

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8618.065 $\pm$ 2.984 χ^2/NDF : 200133.7/11

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

Right Out: 8343.060 $\pm$ 2.622 χ^2/NDF : 275394.4/14

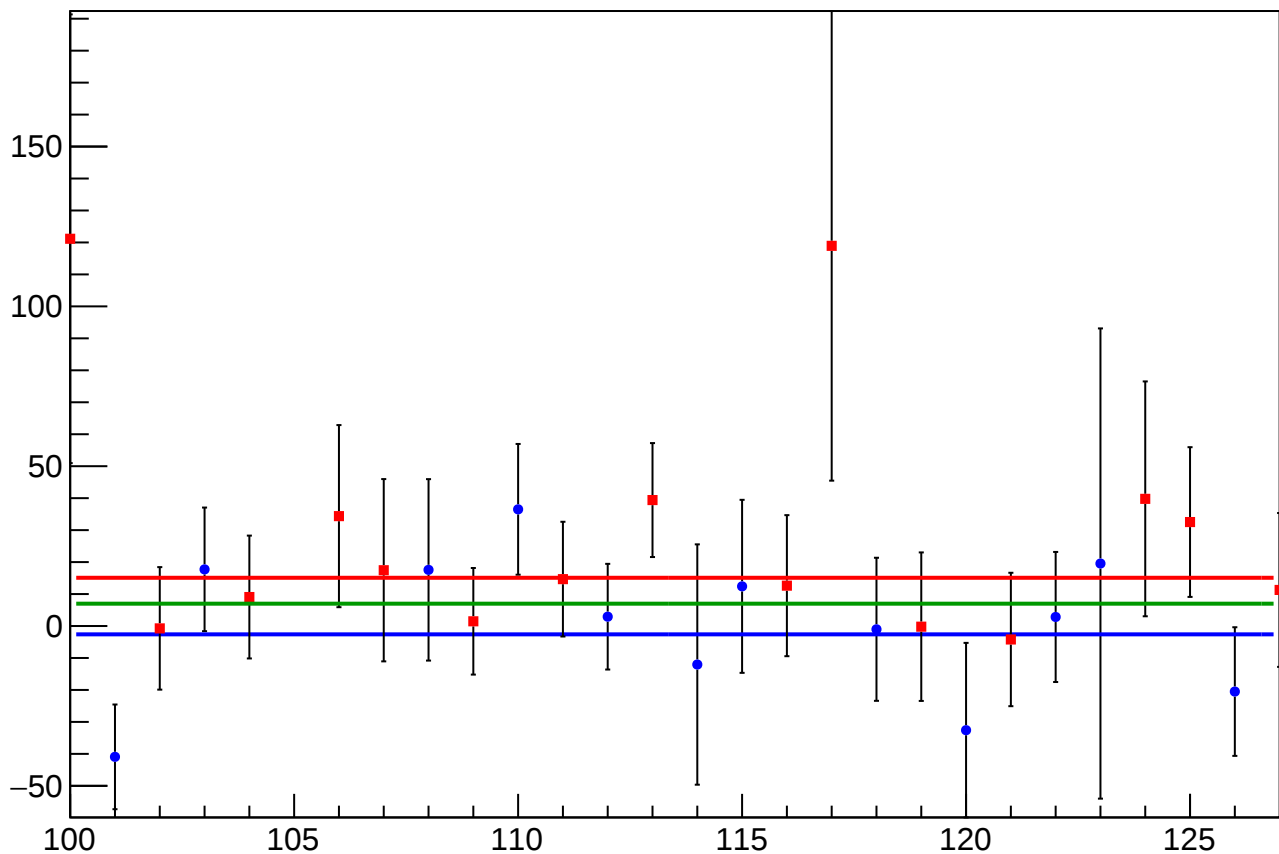
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

8618.065 $\pm$ 2.984 χ^2/NDF : 200133.7/11

8462.864 $\pm$ 1.970 χ^2/NDF : 480321.1/26

8343.060 $\pm$ 2.622 χ^2/NDF : 275394.4/14

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -2.606 $\pm$ 6.432 χ^2/NDF : 13.4/11

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

Right Out: 15.092 $\pm$ 5.911 χ^2/NDF : 10.4/14

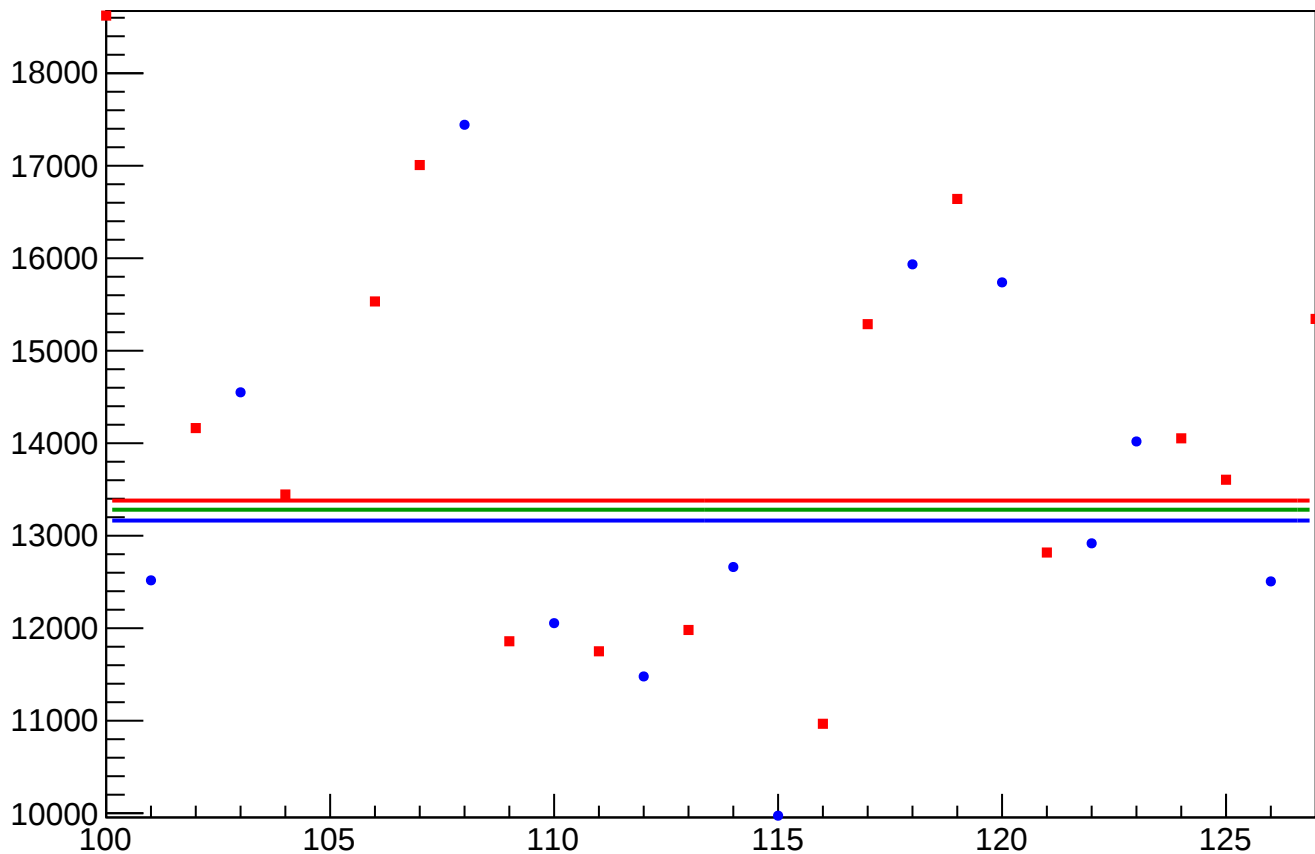
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-2.606 $\pm$ 6.432 χ^2/NDF : 13.4/11

6.988 $\pm$ 4.352 χ^2/NDF : 27.9/26

15.092 $\pm$ 5.911 χ^2/NDF : 10.4/14

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13164.075+/-4.548 χ^2/NDF : 164793.2/11

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

Right Out: 13380.169+/-4.180 χ^2/NDF : 184071.3/14

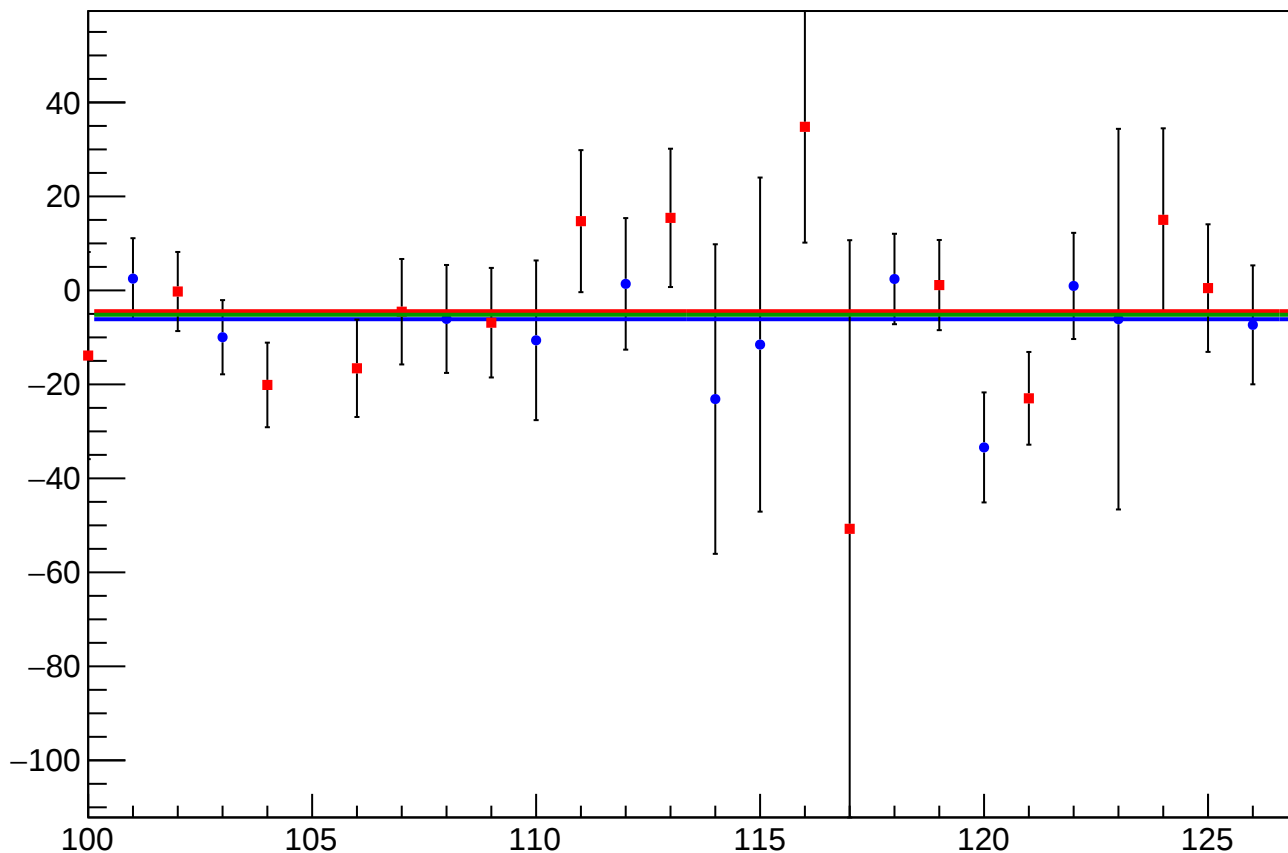
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13164.075+/-4.548 χ^2/NDF : 164793.2/11

13281.228+/-3.077 χ^2/NDF : 350088.5/26

13380.169+/-4.180 χ^2/NDF : 184071.3/14

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.134+/-3.531 χ^2/NDF : 8.5/11

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

Right Out: -4.426+/-3.158 χ^2/NDF : 18.1/14

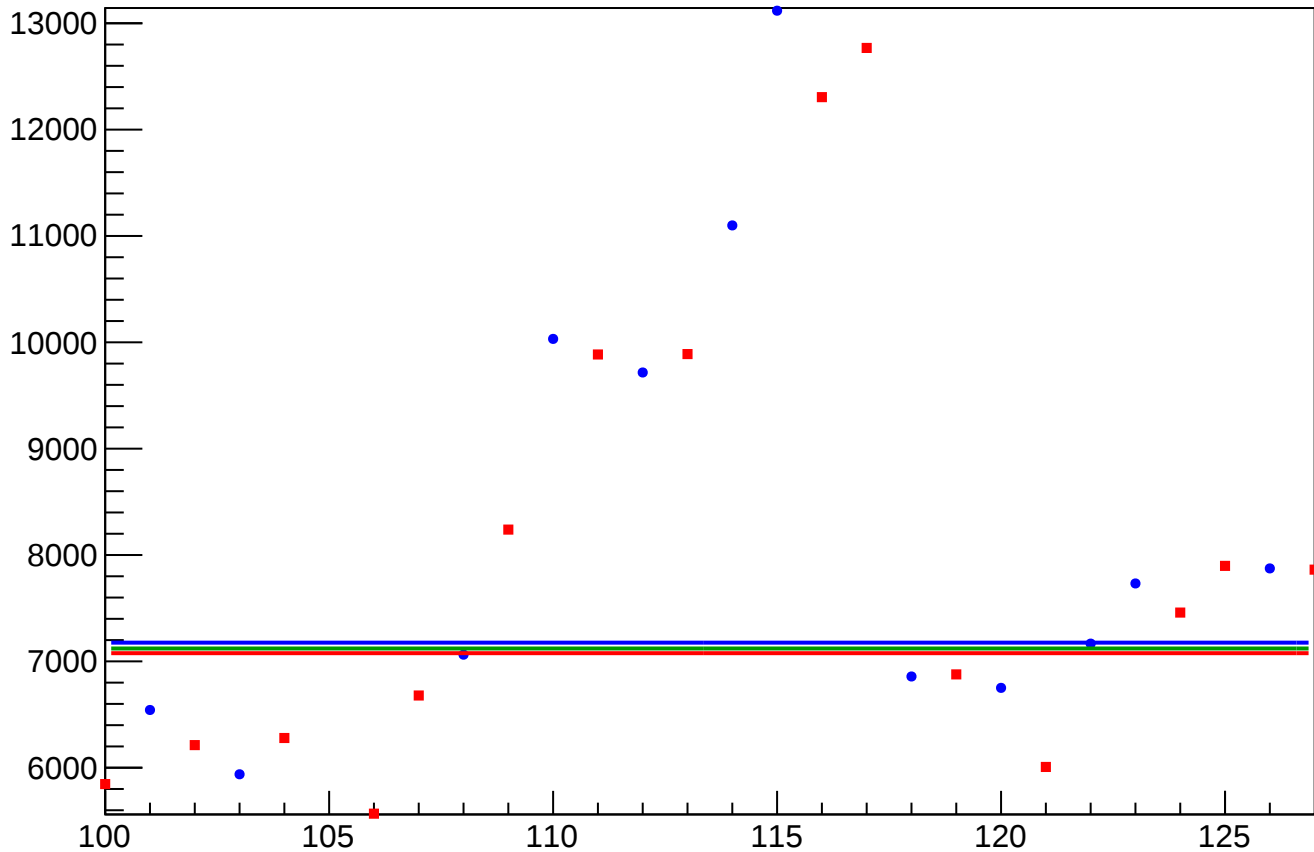
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.134+/-3.531 χ^2/NDF : 8.5/11

-5.185+/-2.354 χ^2/NDF : 26.8/26

-4.426+/-3.158 χ^2/NDF : 18.1/14

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7176.031 $\pm$ 2.497 χ^2/NDF : 278098.2/11

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

Right Out: 7076.960 $\pm$ 2.233 χ^2/NDF : 398297.1/14

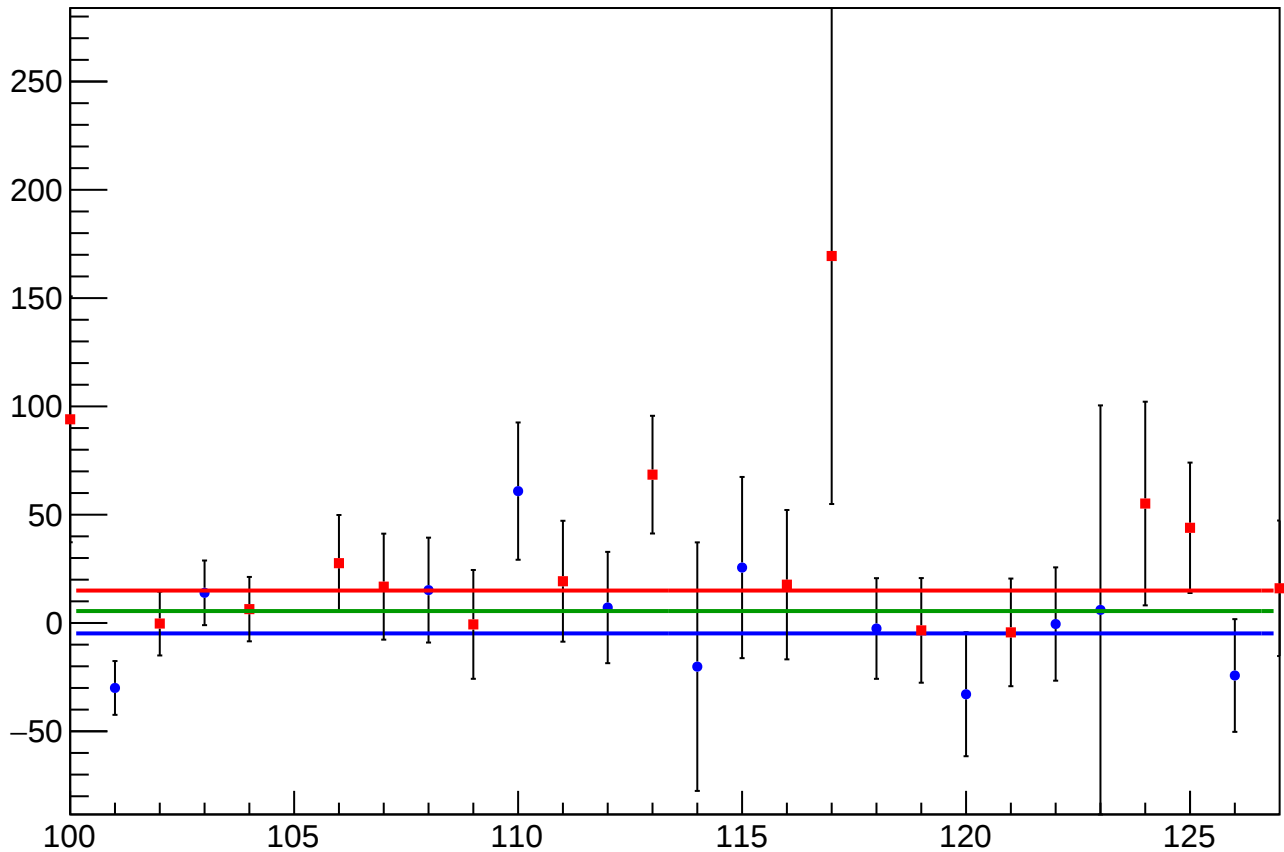
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7176.031 $\pm$ 2.497 χ^2/NDF : 278098.2/11

7120.982 $\pm$ 1.664 χ^2/NDF : 677270.0/26

7076.960 $\pm$ 2.233 χ^2/NDF : 398297.1/14

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -4.811 ± 6.713 χ^2/NDF : 13.1/11

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

Right Out: 14.977 ± 6.431 χ^2/NDF : 12.6/14

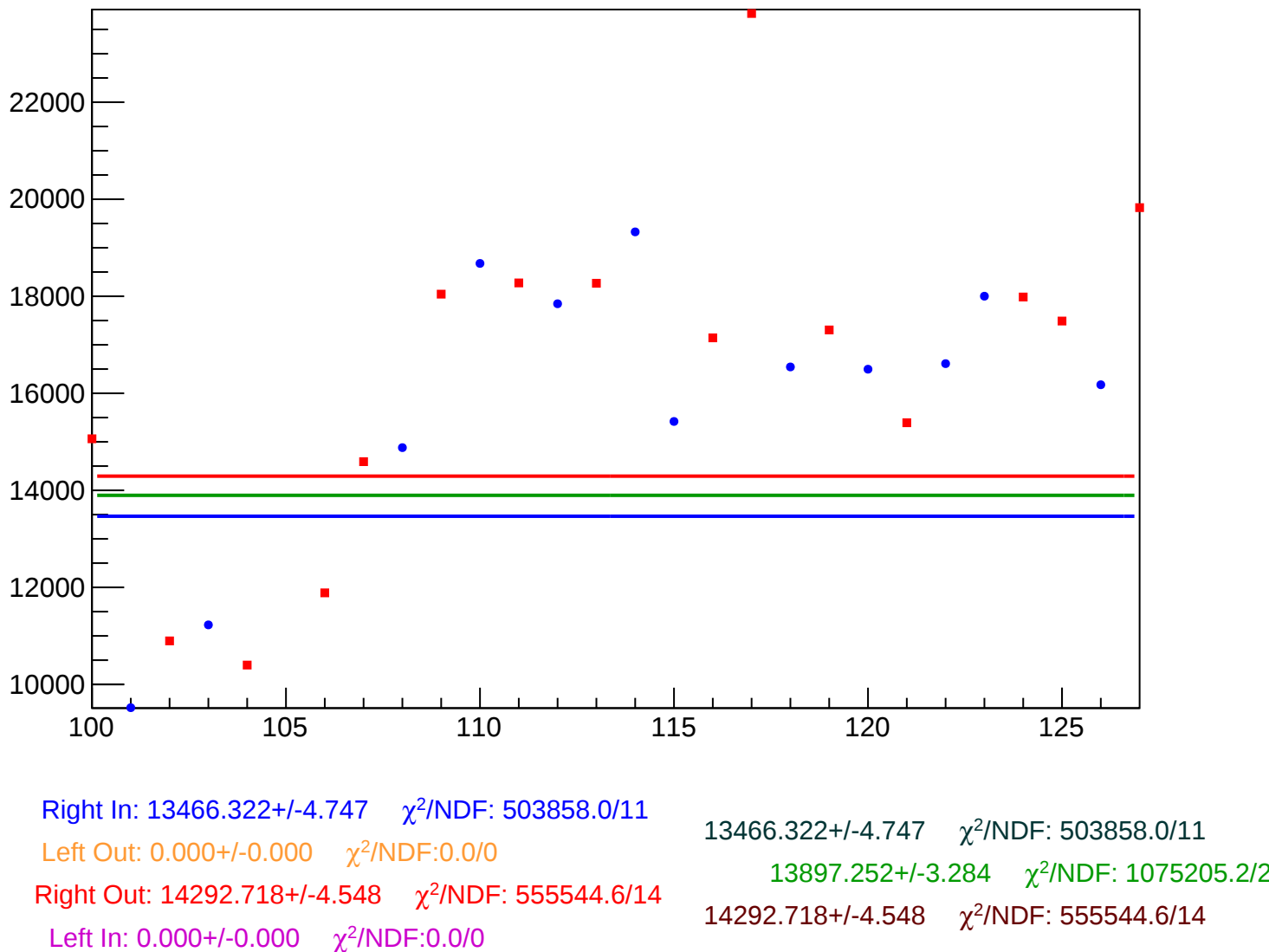
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.811 ± 6.713 χ^2/NDF : 13.1/11

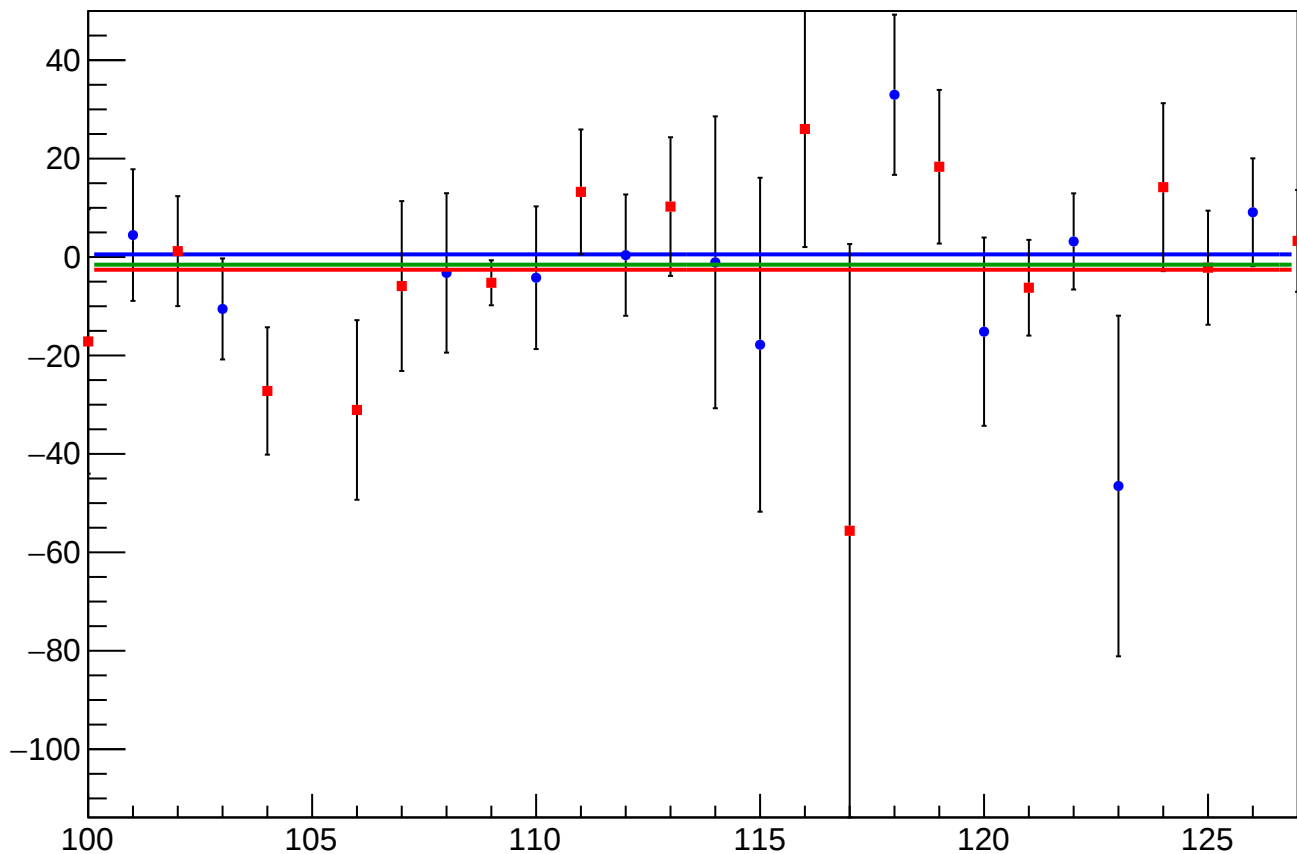
5.508 ± 4.644 χ^2/NDF : 30.2/26

14.977 ± 6.431 χ^2/NDF : 12.6/14

diff_bpm1X_rms vs Slug, Sign Corrected



diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.540 ± 4.138 $\chi^2/\text{NDF}: 8.9/11$

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

Right Out: -2.582 ± 2.915 $\chi^2/\text{NDF}: 14.7/14$

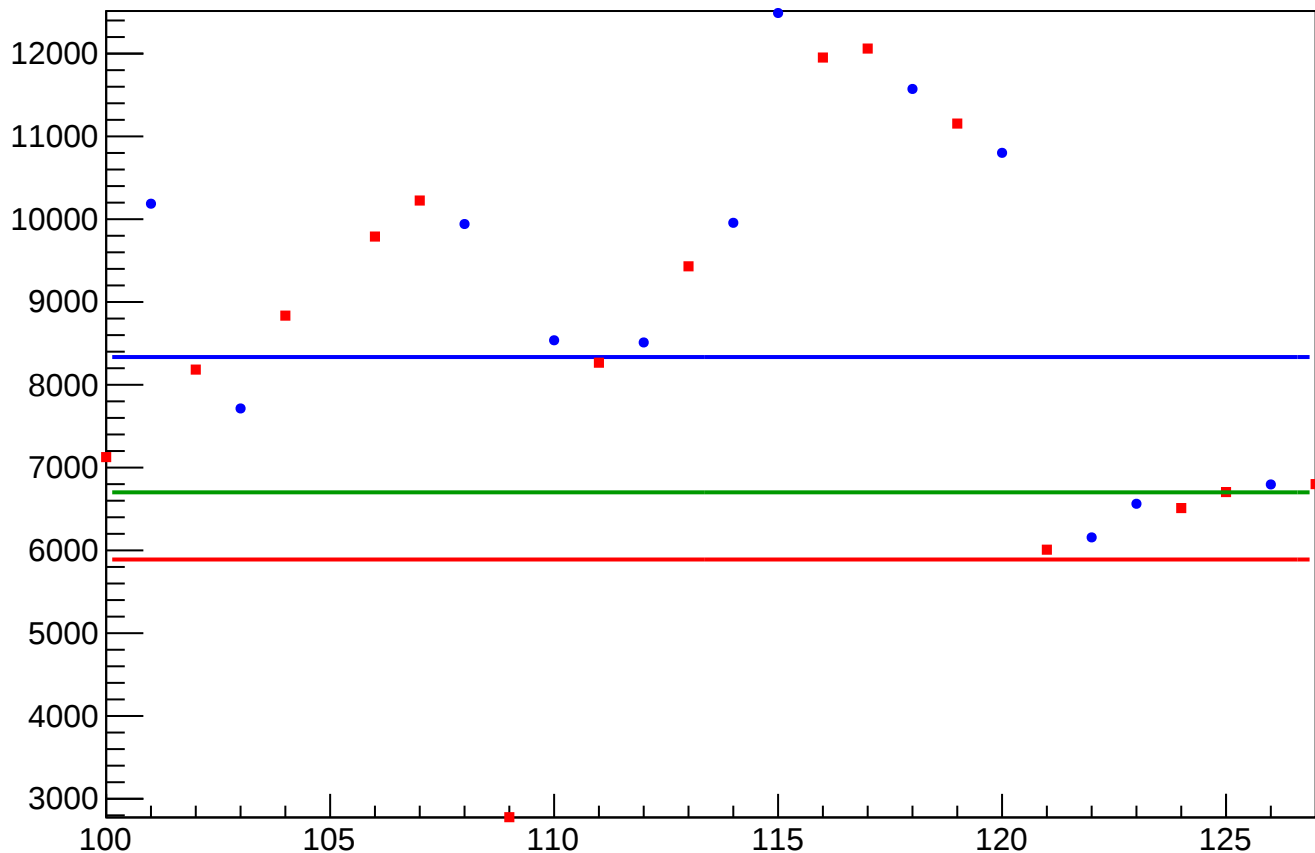
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.540 ± 4.138 $\chi^2/\text{NDF}: 8.9/11$

-1.546 ± 2.383 $\chi^2/\text{NDF}: 24.0/26$

-2.582 ± 2.915 $\chi^2/\text{NDF}: 14.7/14$

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8335.237+/-2.926 χ^2/NDF : 358675.8/11

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

Right Out: 5889.918+/-2.061 χ^2/NDF : 1937153.1/14

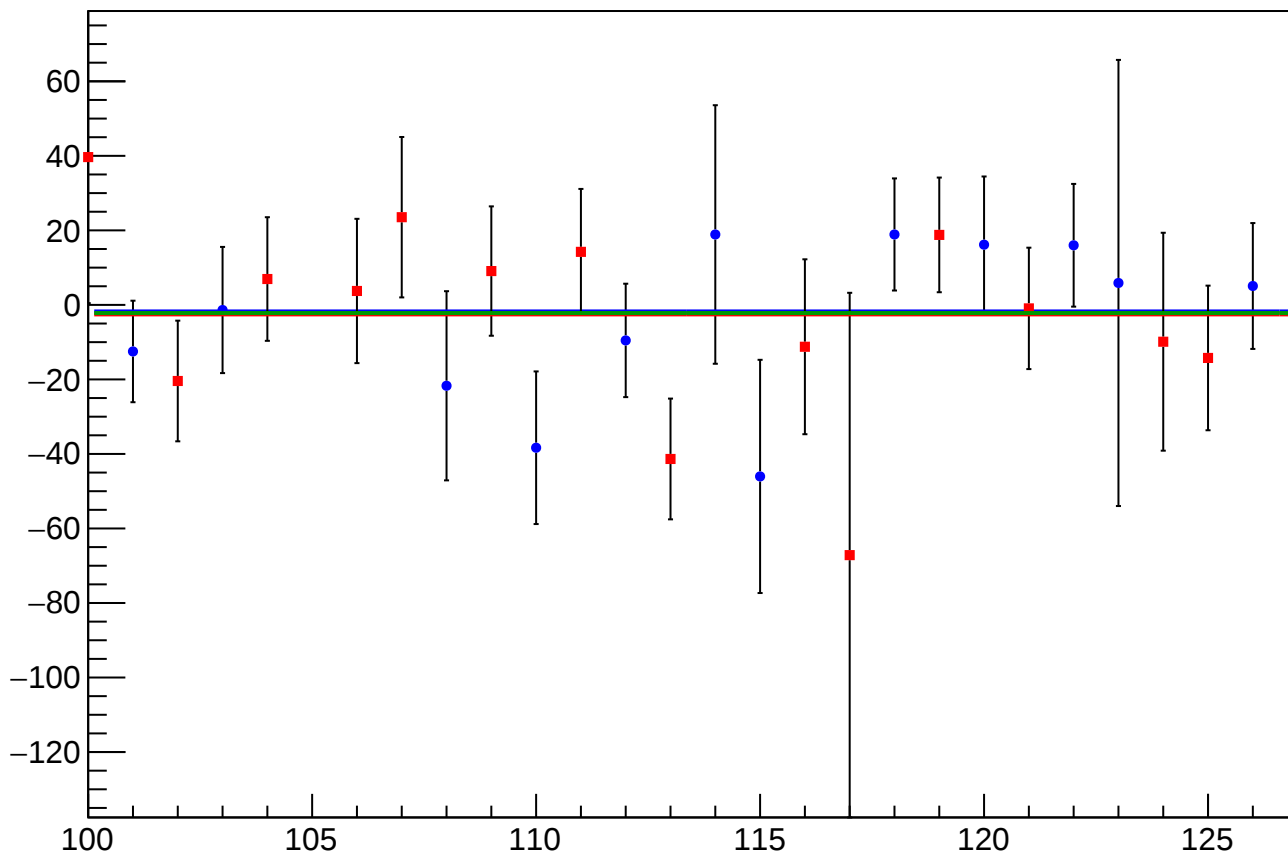
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8335.237+/-2.926 χ^2/NDF : 358675.8/11

6701.142+/-1.685 χ^2/NDF : 2762623.6/26

5889.918+/-2.061 χ^2/NDF : 1937153.1/14

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.758+/-5.434 χ^2/NDF : 11.2/11

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

Right Out: -2.552+/-4.996 χ^2/NDF : 15.5/14

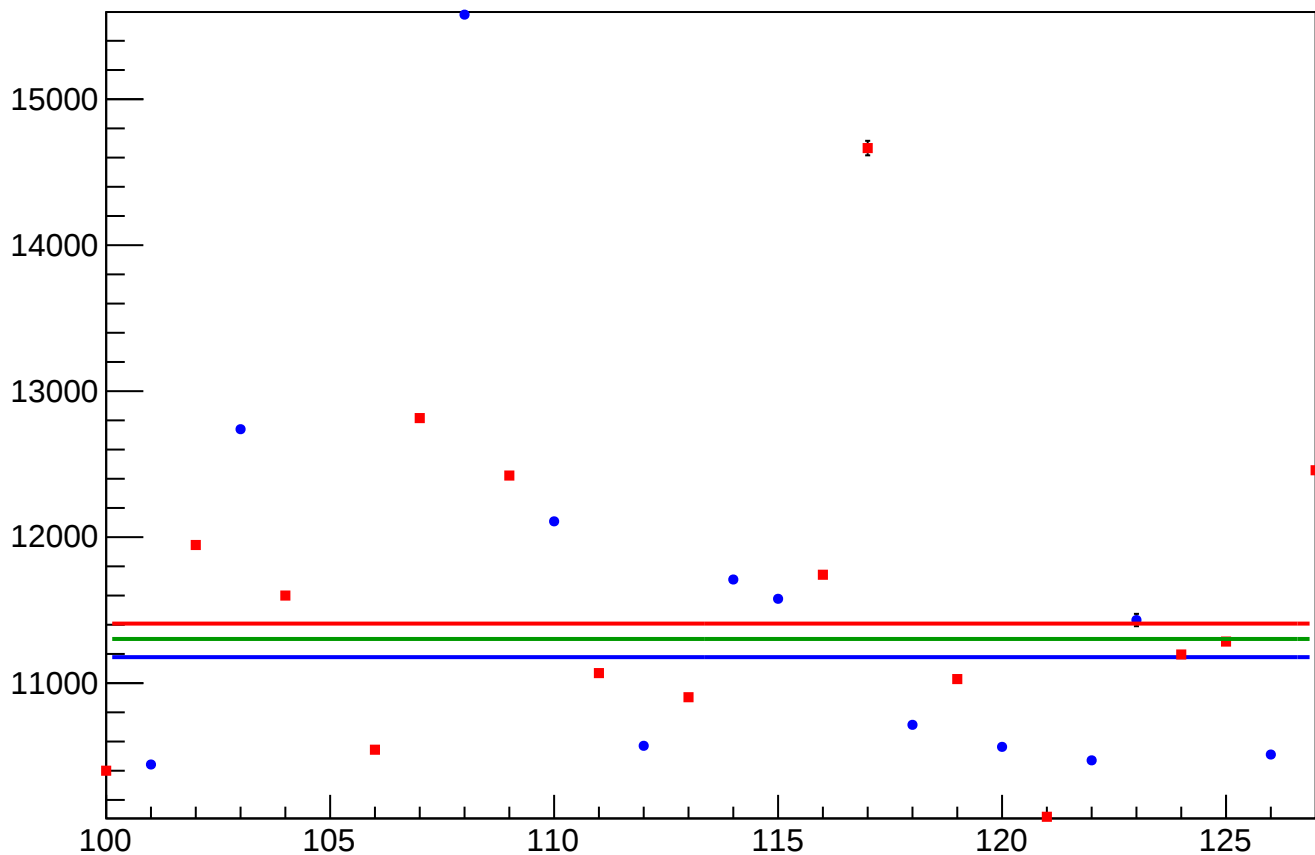
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.758+/-5.434 χ^2/NDF : 11.2/11

-2.188+/-3.678 χ^2/NDF : 26.8/26

-2.552+/-4.996 χ^2/NDF : 15.5/14

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11178.070+/-3.843 χ^2/NDF : 102061.2/11

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

Right Out: 11407.879+/-3.532 χ^2/NDF : 51108.3/14

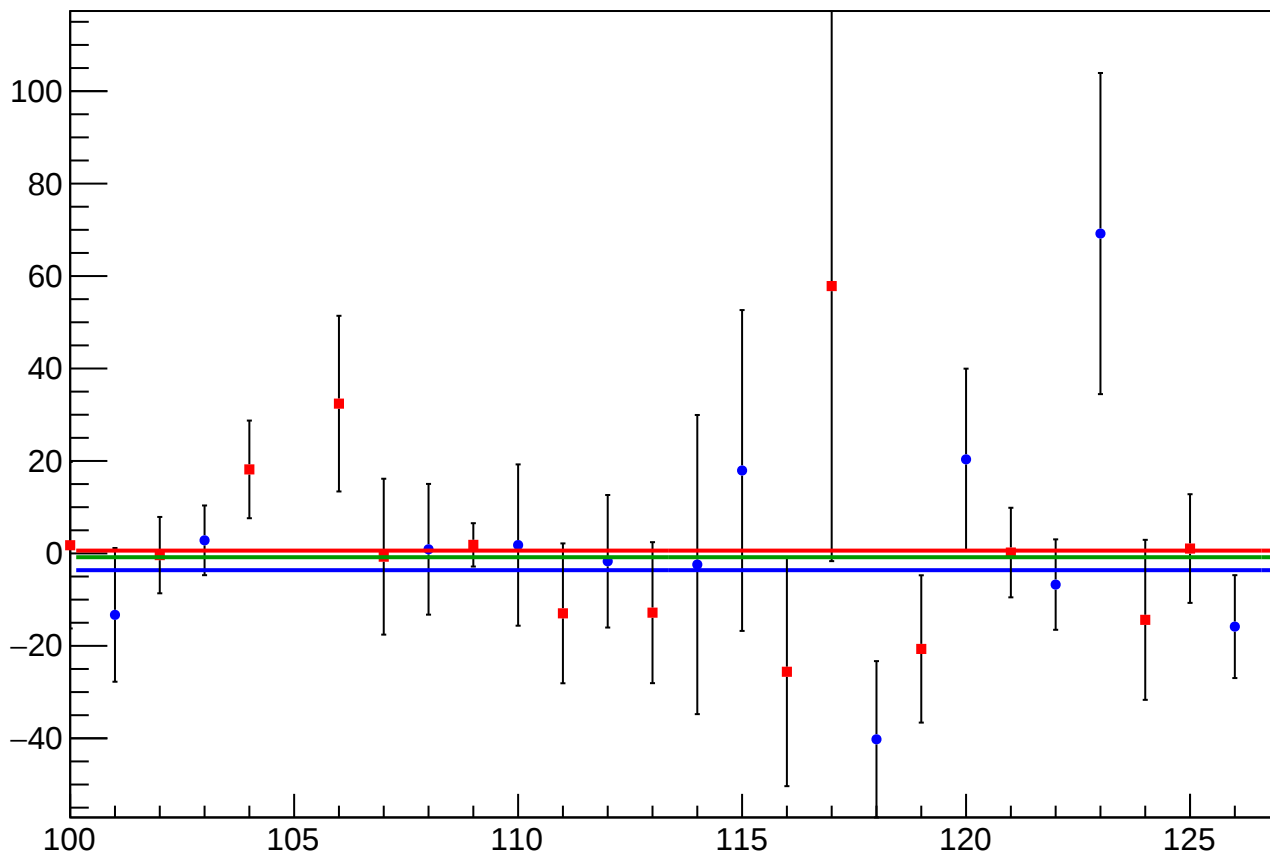
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11178.070+/-3.843 χ^2/NDF : 102061.2/11

11302.628+/-2.601 χ^2/NDF : 155107.9/26

11407.879+/-3.532 χ^2/NDF : 51108.3/14

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.628+/-3.992 χ^2/NDF : 13.7/11

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

Right Out: 0.607+/-2.849 χ^2/NDF : 11.8/14

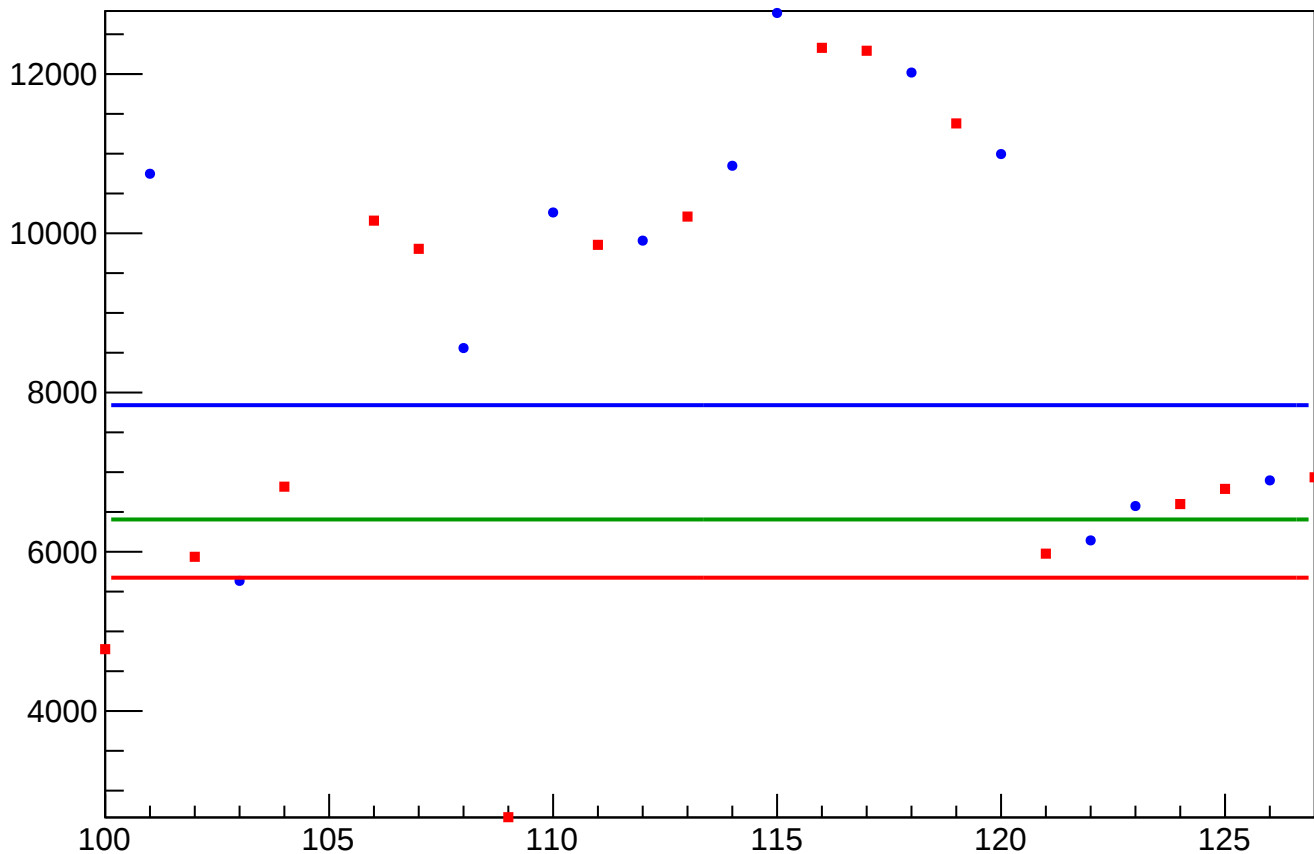
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.628+/-3.992 χ^2/NDF : 13.7/11

-0.822+/-2.319 χ^2/NDF : 26.2/26

0.607+/-2.849 χ^2/NDF : 11.8/14

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7841.280+/-2.823 χ^2/NDF : 646012.3/11

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

Right Out: 5674.614+/-2.015 χ^2/NDF : 1894828.2/14

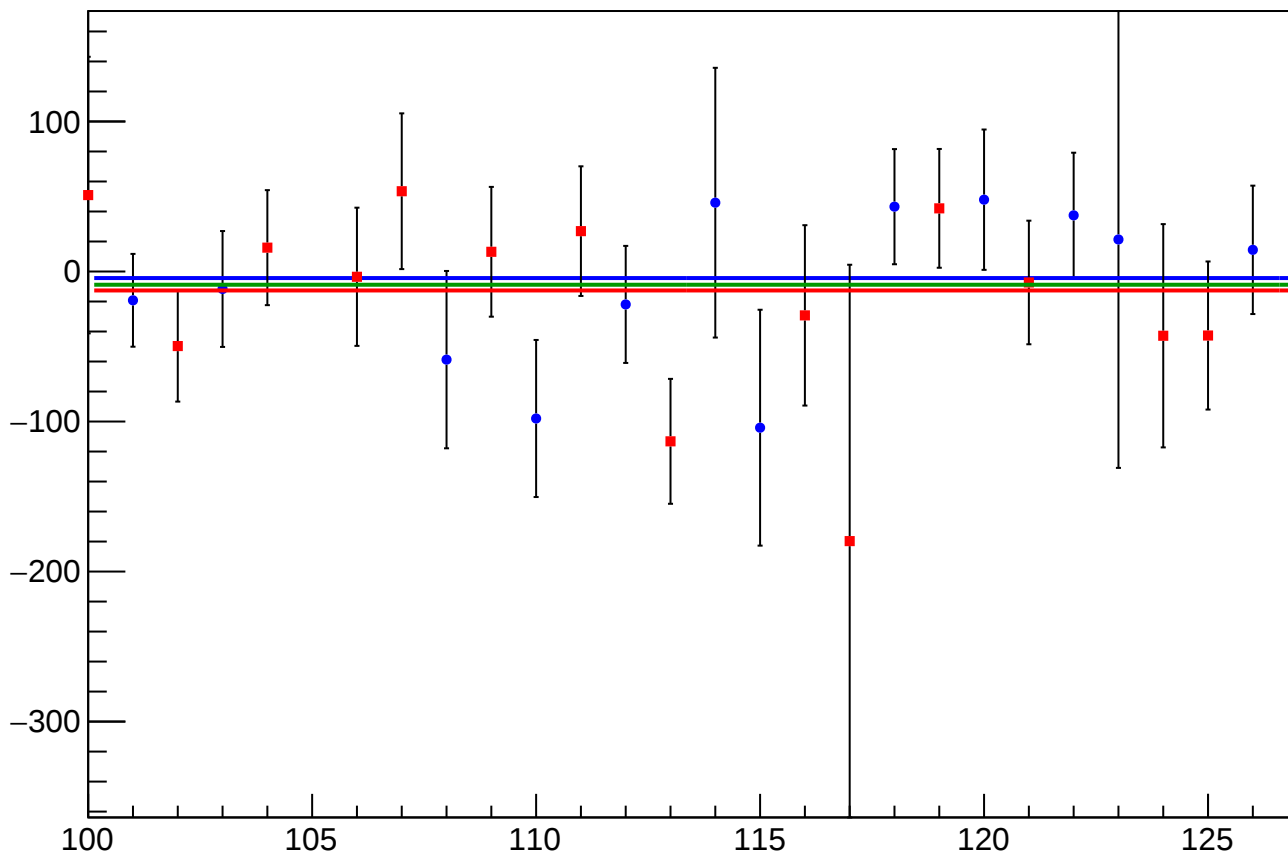
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7841.280+/-2.823 χ^2/NDF : 646012.3/11

6405.859+/-1.640 χ^2/NDF : 2931196.6/26

5674.614+/-2.015 χ^2/NDF : 1894828.2/14

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -4.369 ± 13.352 $\chi^2/\text{NDF}: 10.4/11$

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

Right Out: -12.632 ± 12.361 $\chi^2/\text{NDF}: 14.7/14$

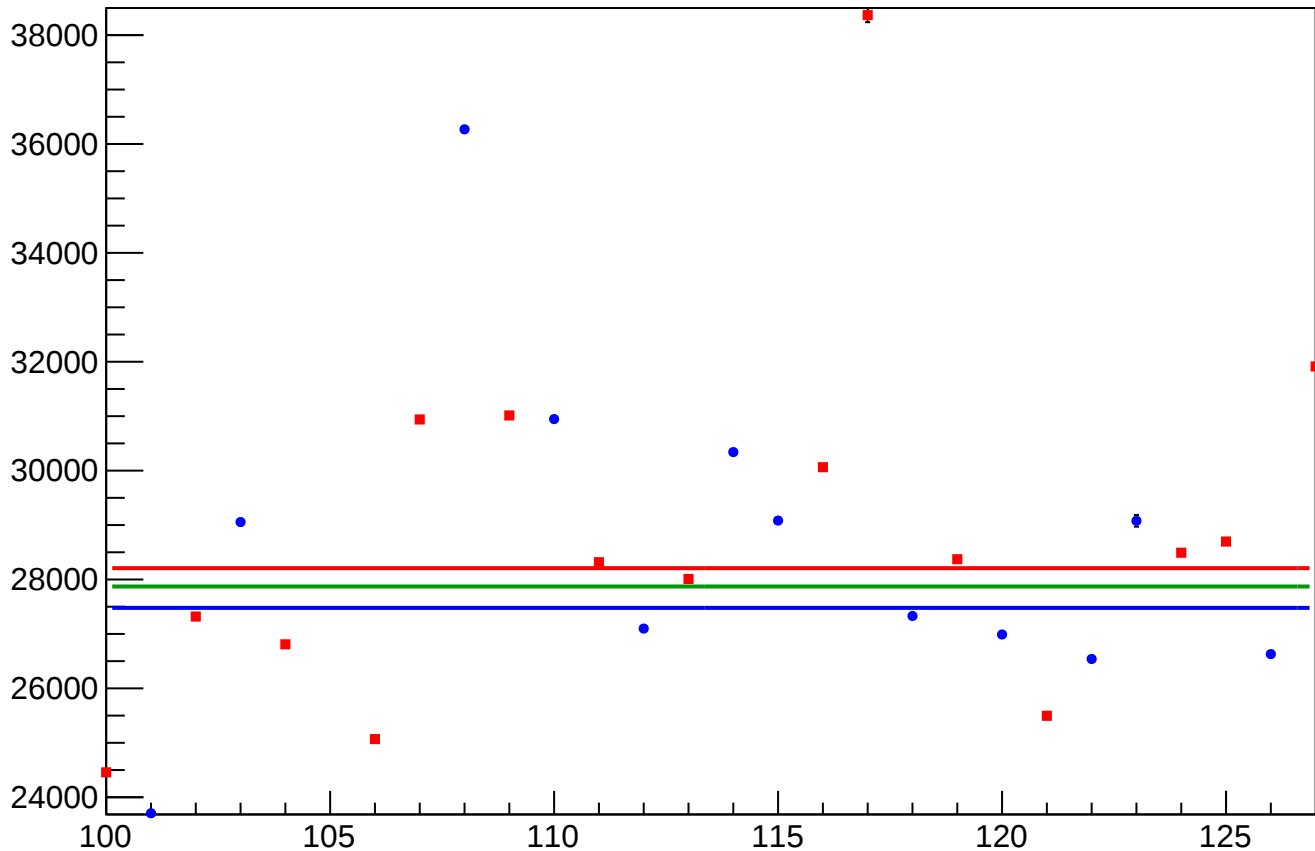
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.369 ± 13.352 $\chi^2/\text{NDF}: 10.4/11$

-8.819 ± 9.071 $\chi^2/\text{NDF}: 25.4/26$

-12.632 ± 12.361 $\chi^2/\text{NDF}: 14.7/14$

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27478.720+/-9.442 χ^2/NDF : 91433.3/11

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

Right Out: 28208.287+/-8.740 χ^2/NDF : 58420.7/14

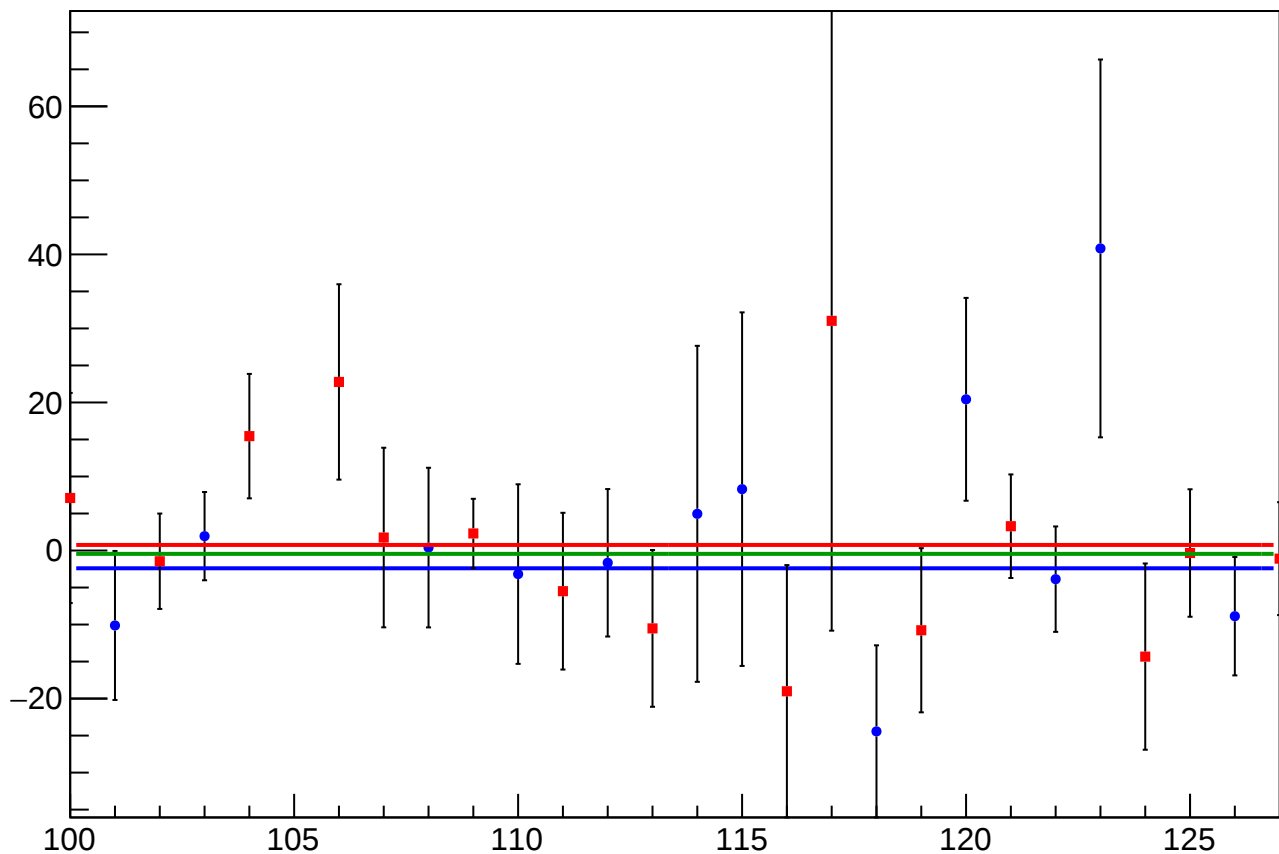
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27478.720+/-9.442 χ^2/NDF : 91433.3/11

27871.604+/-6.414 χ^2/NDF : 153069.4/26

28208.287+/-8.740 χ^2/NDF : 58420.7/14

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.400 ± 2.926 $\chi^2/\text{NDF}: 11.4/11$

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

Right Out: 0.753 ± 2.301 $\chi^2/\text{NDF}: 12.4/14$

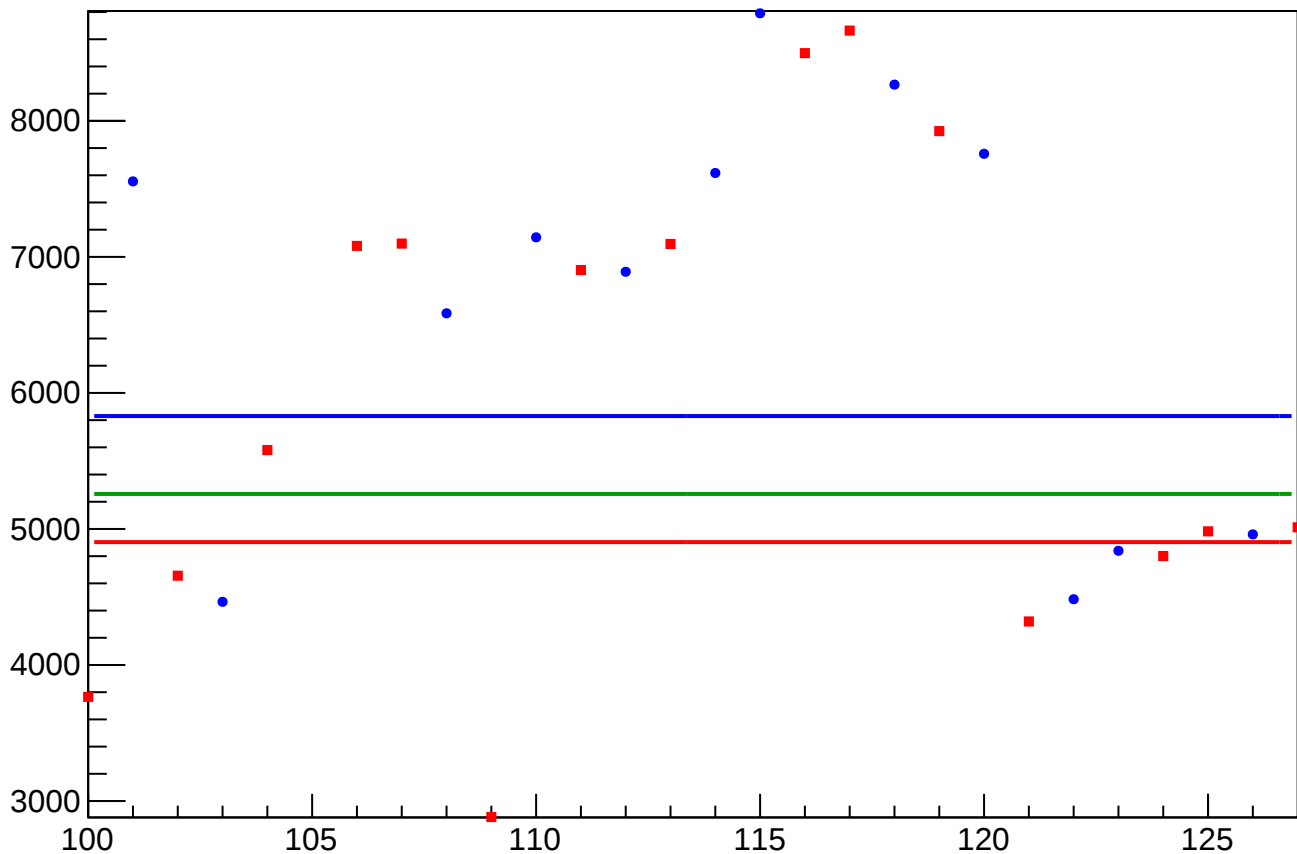
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2.400 ± 2.926 $\chi^2/\text{NDF}: 11.4/11$

-0.452 ± 1.809 $\chi^2/\text{NDF}: 24.5/26$

0.753 ± 2.301 $\chi^2/\text{NDF}: 12.4/14$

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5829.953+/-2.069 χ^2/NDF : 488448.7/11

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

Right Out: 4903.283+/-1.627 χ^2/NDF : 946868.0/14

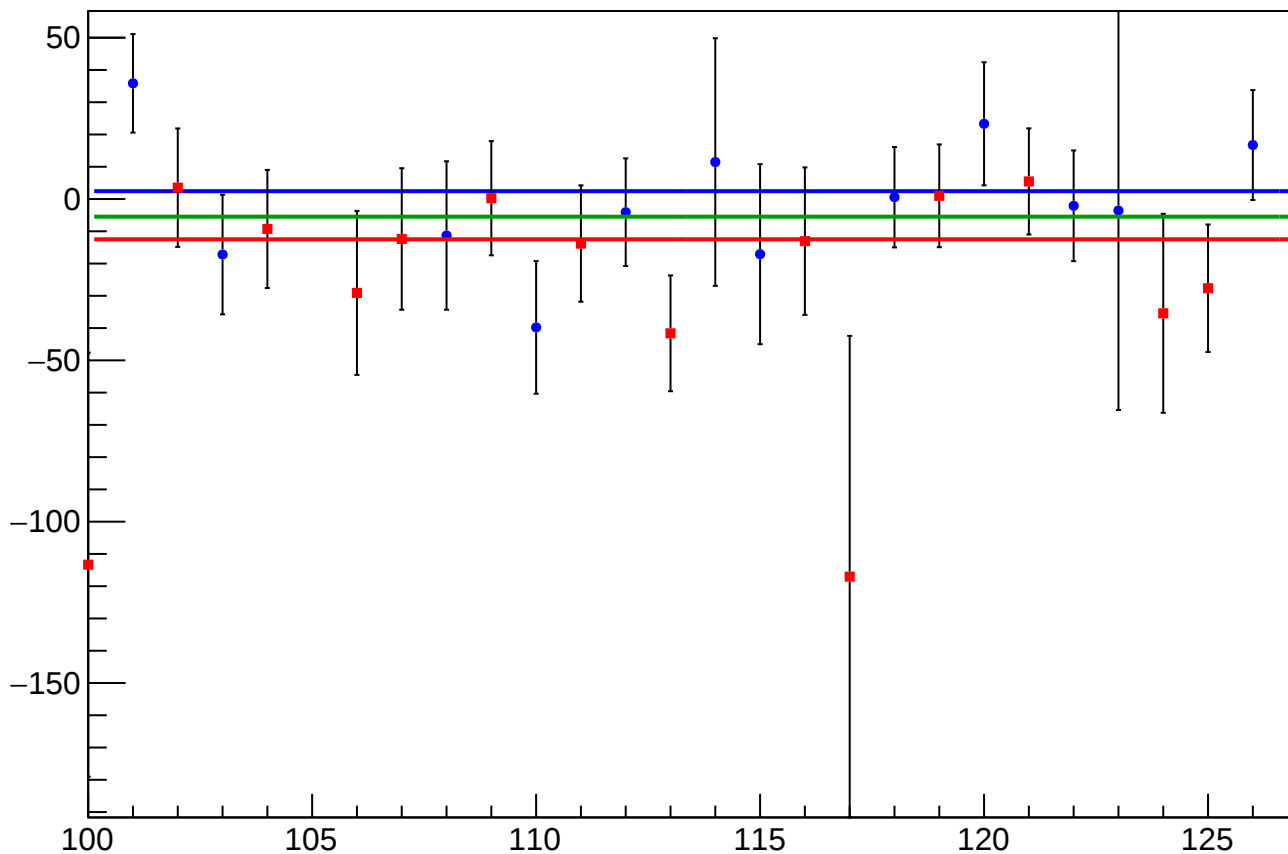
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5829.953+/-2.069 χ^2/NDF : 488448.7/11

5257.431+/-1.279 χ^2/NDF : 1559263.2/26

4903.283+/-1.627 χ^2/NDF : 946868.0/14

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 2.429 $\pm$ 5.680 χ^2/NDF : 13.2/11

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

Right Out: -12.481 $\pm$ 5.350 χ^2/NDF : 11.8/14

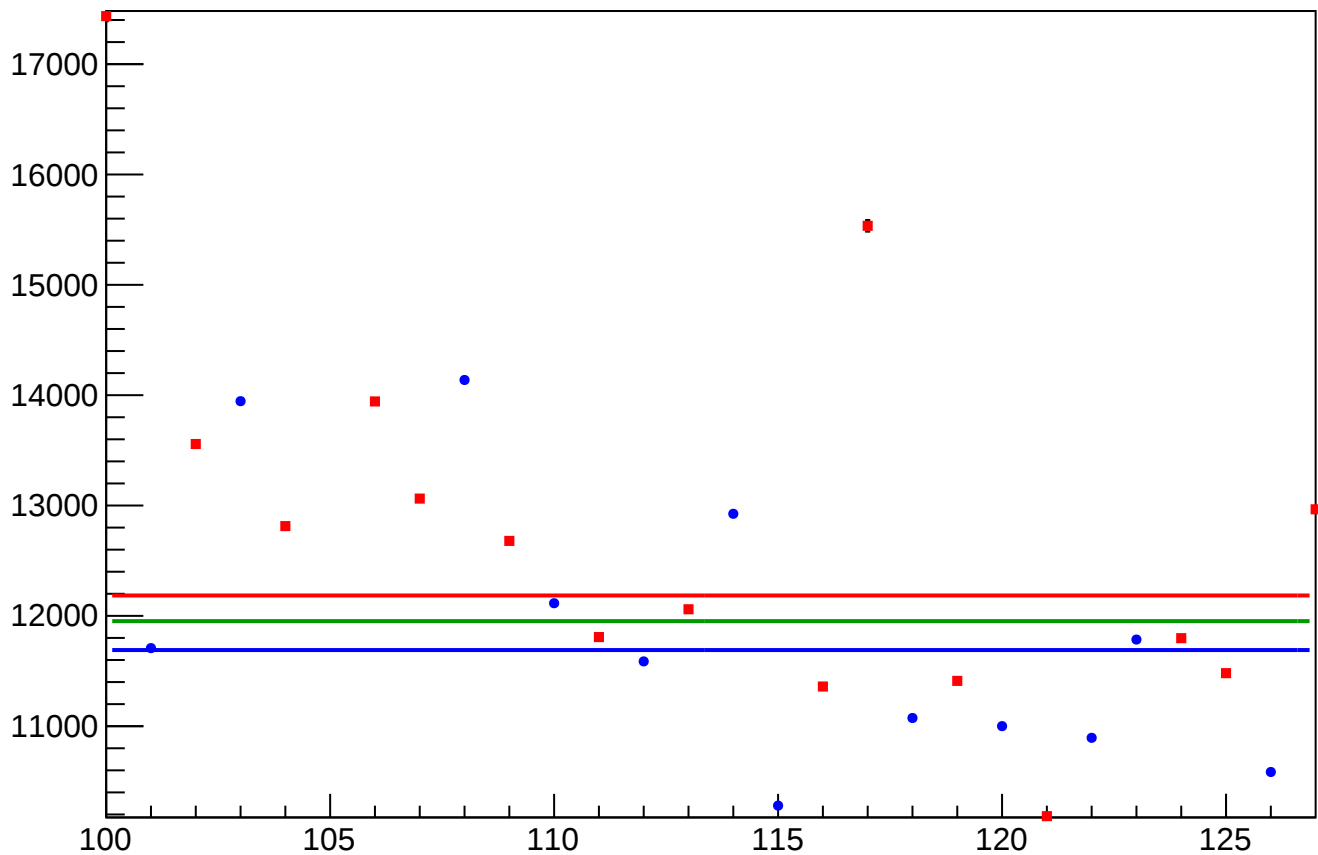
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.429 $\pm$ 5.680 χ^2/NDF : 13.2/11

-5.471 $\pm$ 3.895 χ^2/NDF : 28.6/26

-12.481 $\pm$ 5.350 χ^2/NDF : 11.8/14

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11690.140+/-4.017 χ^2/NDF : 78821.1/11

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

Right Out: 12184.715+/-3.783 χ^2/NDF : 88328.0/14

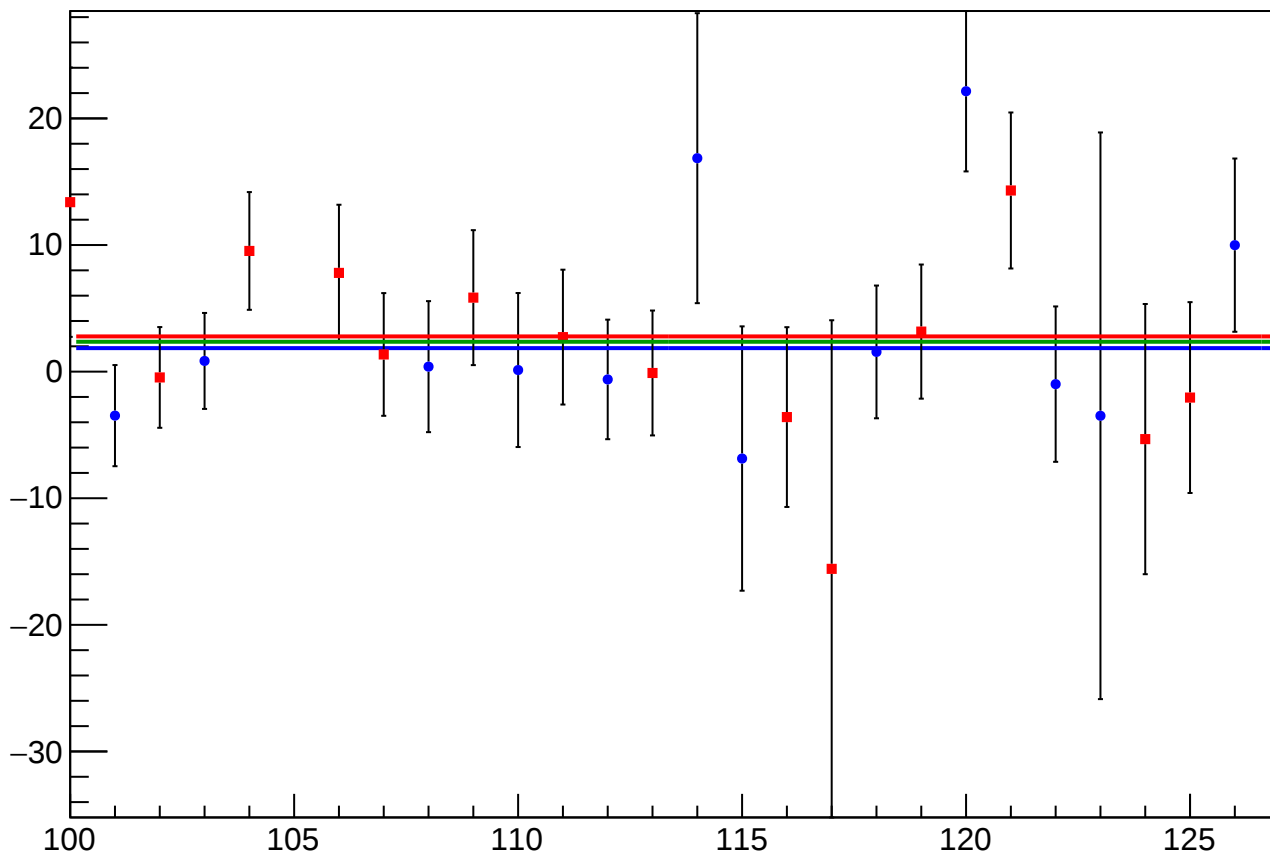
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11690.140+/-4.017 χ^2/NDF : 78821.1/11

11952.211+/-2.754 χ^2/NDF : 175183.0/26

12184.715+/-3.783 χ^2/NDF : 88328.0/14

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.856+/-1.645 χ^2/NDF : 16.7/11

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

Right Out: 2.781+/-1.502 χ^2/NDF : 14.8/14

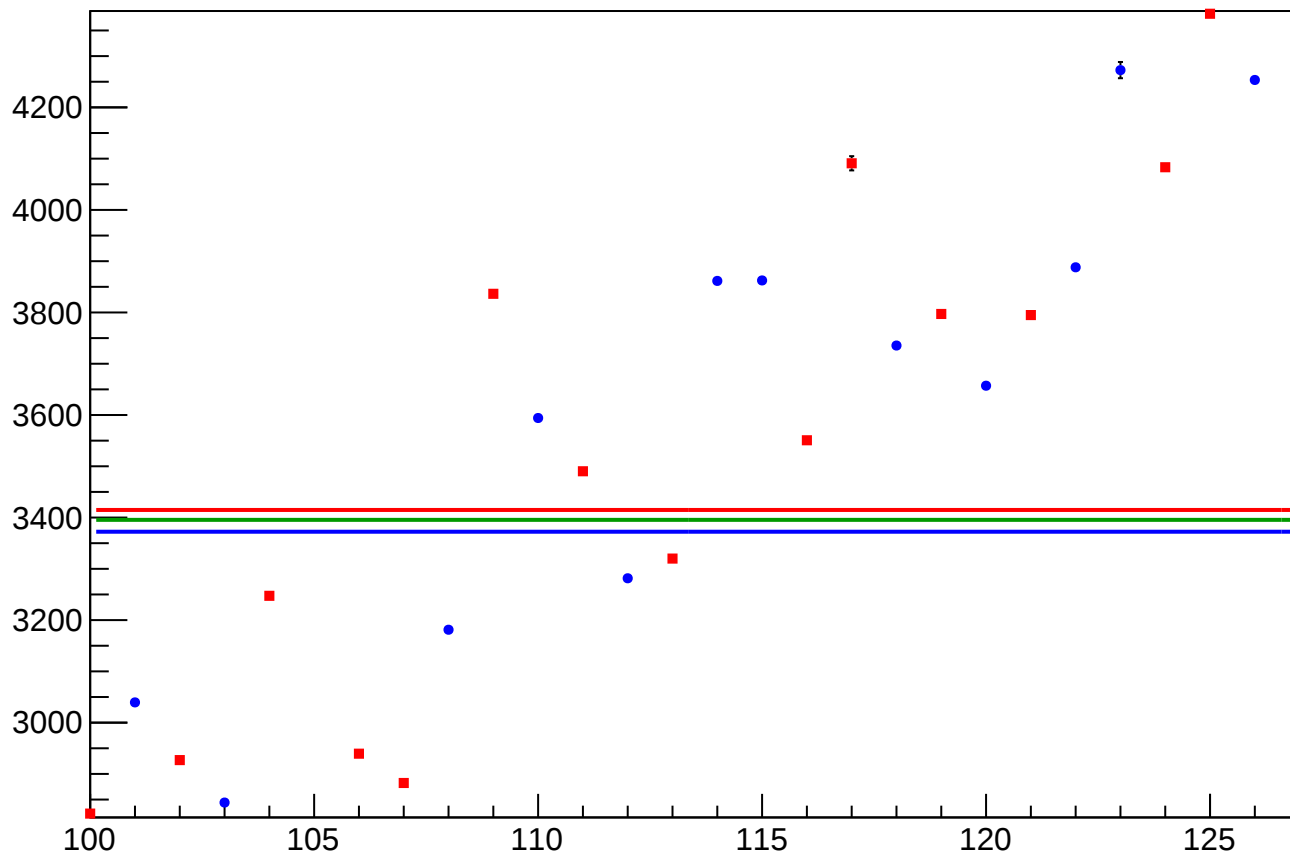
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.856+/-1.645 χ^2/NDF : 16.7/11

2.361+/-1.109 χ^2/NDF : 31.7/26

2.781+/-1.502 χ^2/NDF : 14.8/14

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3372.374+/-1.163 χ^2/NDF : 131089.1/11

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

Right Out: 3414.823+/-1.062 χ^2/NDF : 180572.3/14

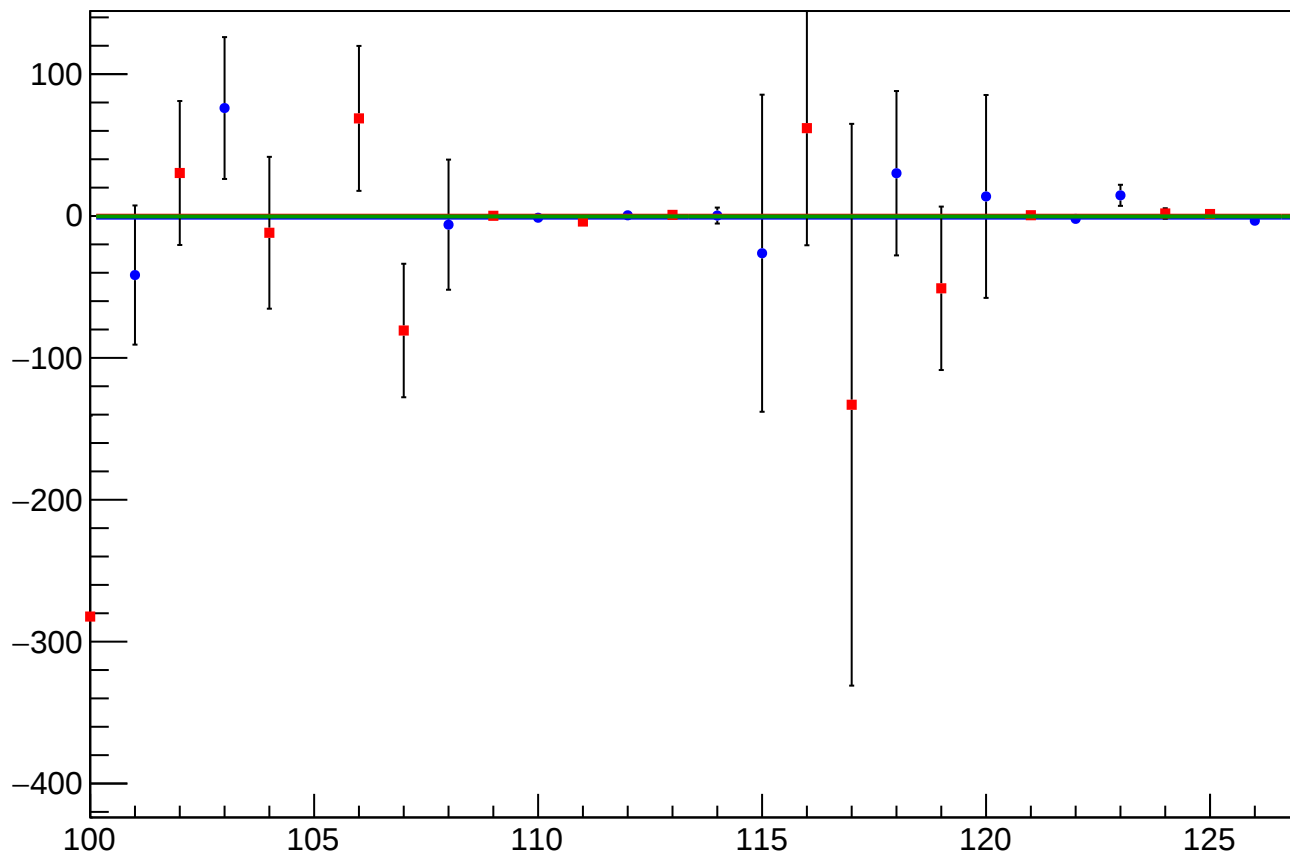
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3372.374+/-1.163 χ^2/NDF : 131089.1/11

3395.520+/-0.784 χ^2/NDF : 312387.6/26

3414.823+/-1.062 χ^2/NDF : 180572.3/14

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.147+/-1.193 χ^2 /NDF: 9.5/11

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

Right Out: 0.209+/-0.922 χ^2 /NDF: 14.0/14

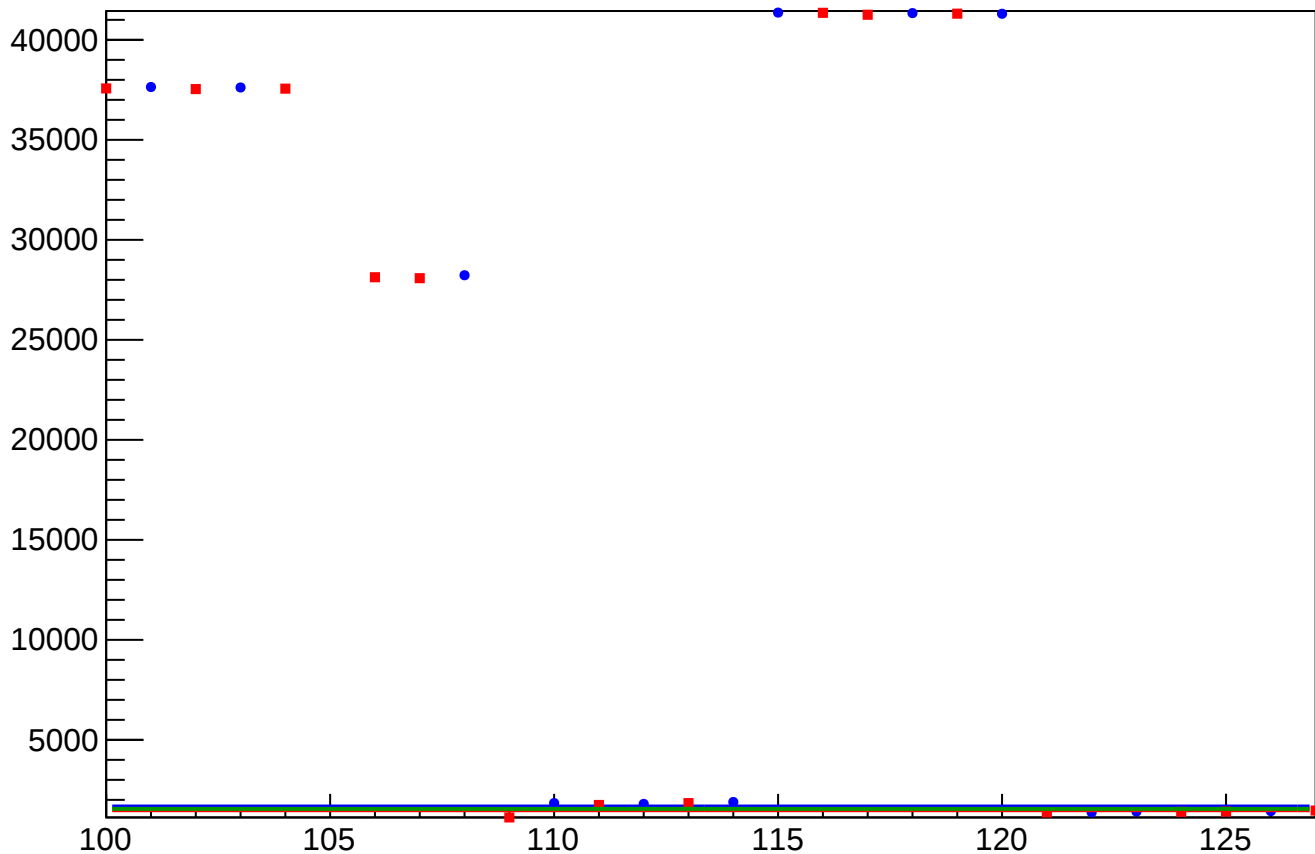
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.147+/-1.193 χ^2 /NDF: 9.5/11

-0.298+/-0.730 χ^2 /NDF: 24.2/26

0.209+/-0.922 χ^2 /NDF: 14.0/14

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1666.506+/-0.844 χ^2/NDF : 4658043.9/11

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

Right Out: 1481.452+/-0.652 χ^2/NDF : 4881709.8/14

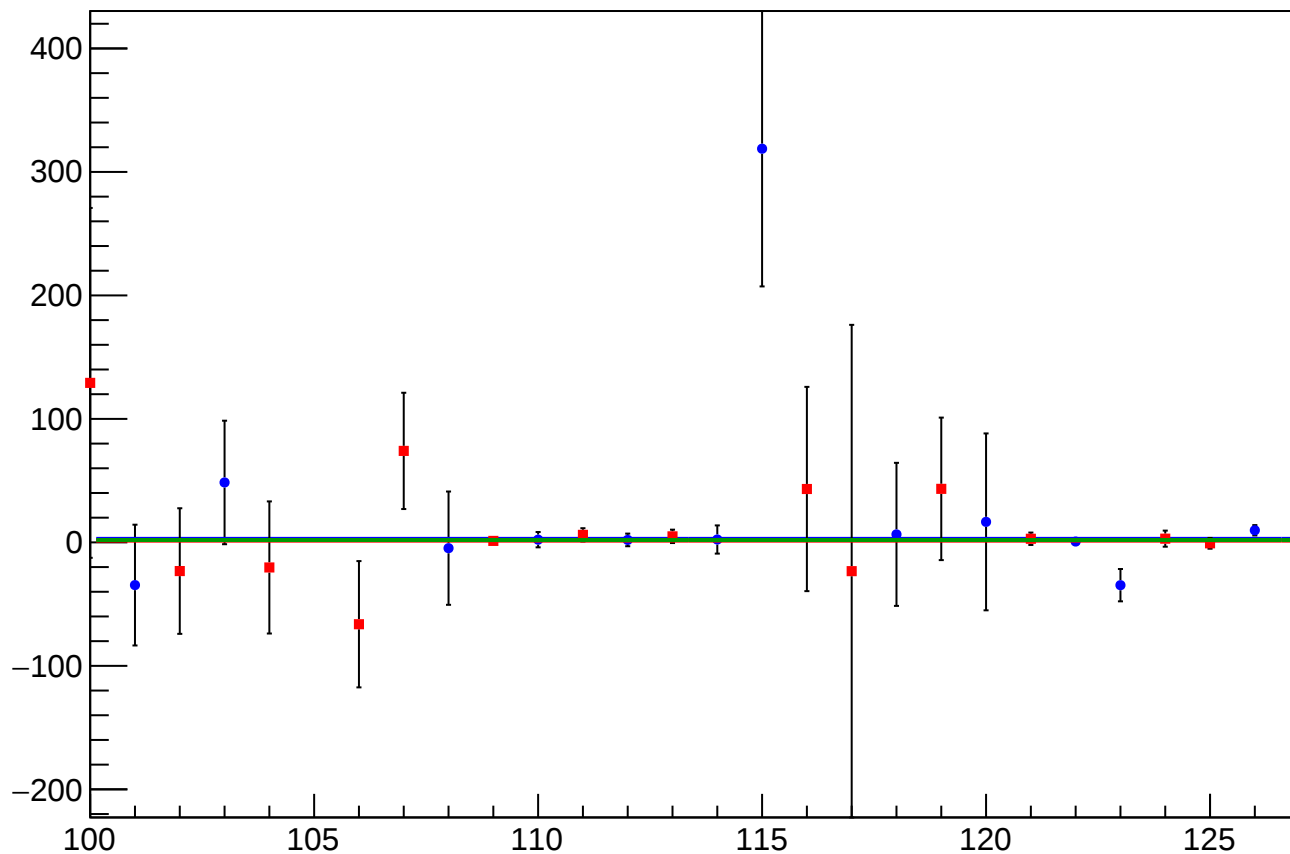
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1666.506+/-0.844 χ^2/NDF : 4658043.9/11

1550.684+/-0.516 χ^2/NDF : 9569869.0/26

1481.452+/-0.652 χ^2/NDF : 4881709.8/14

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.839+/-2.200 χ^2/NDF : 20.8/11

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

Right Out: 1.424+/-1.597 χ^2/NDF : 8.6/14

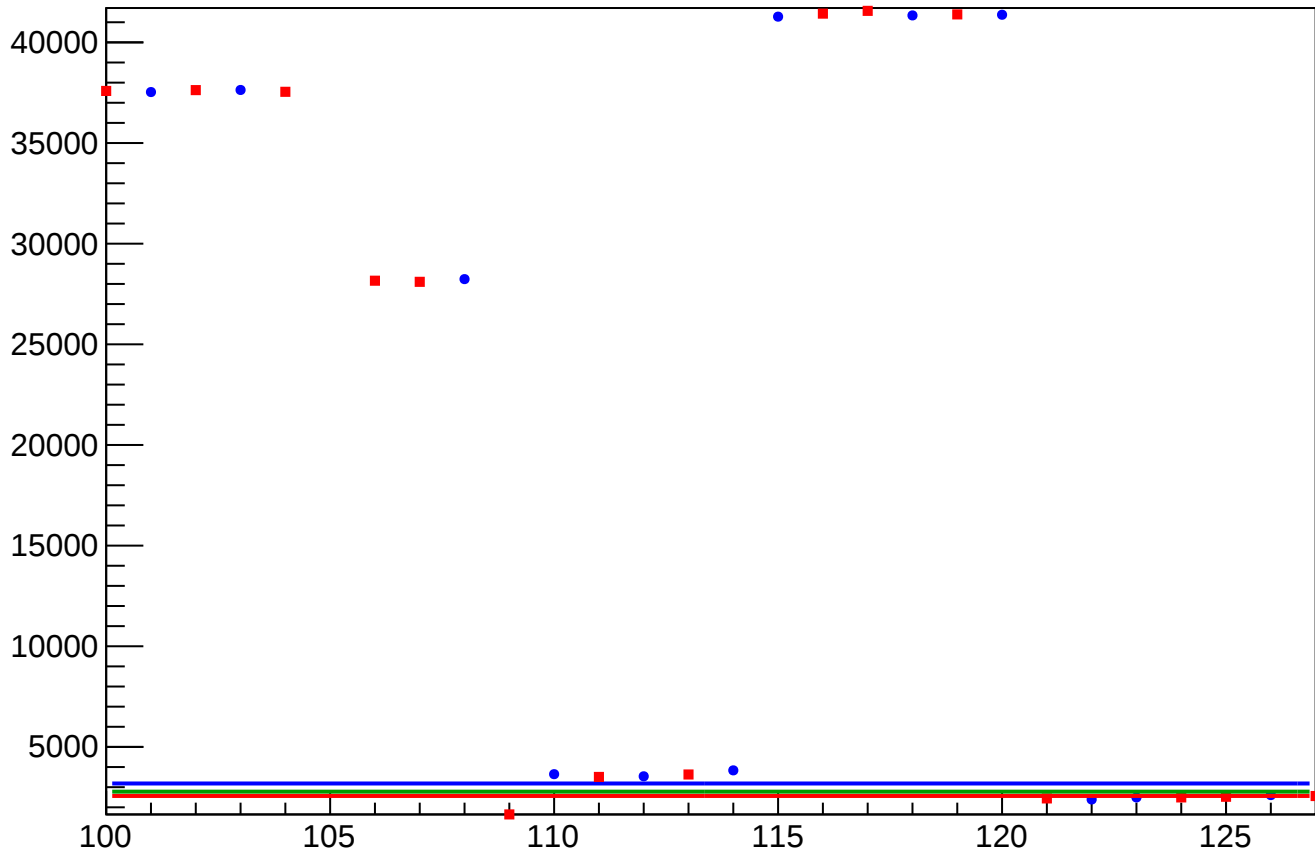
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.839+/-2.200 χ^2/NDF : 20.8/11

1.913+/-1.293 χ^2/NDF : 29.7/26

1.424+/-1.597 χ^2/NDF : 8.6/14

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3183.307+/-1.556 χ^2/NDF : 4361141.2/11

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

Right Out: 2563.593+/-1.130 χ^2/NDF : 4815874.5/14

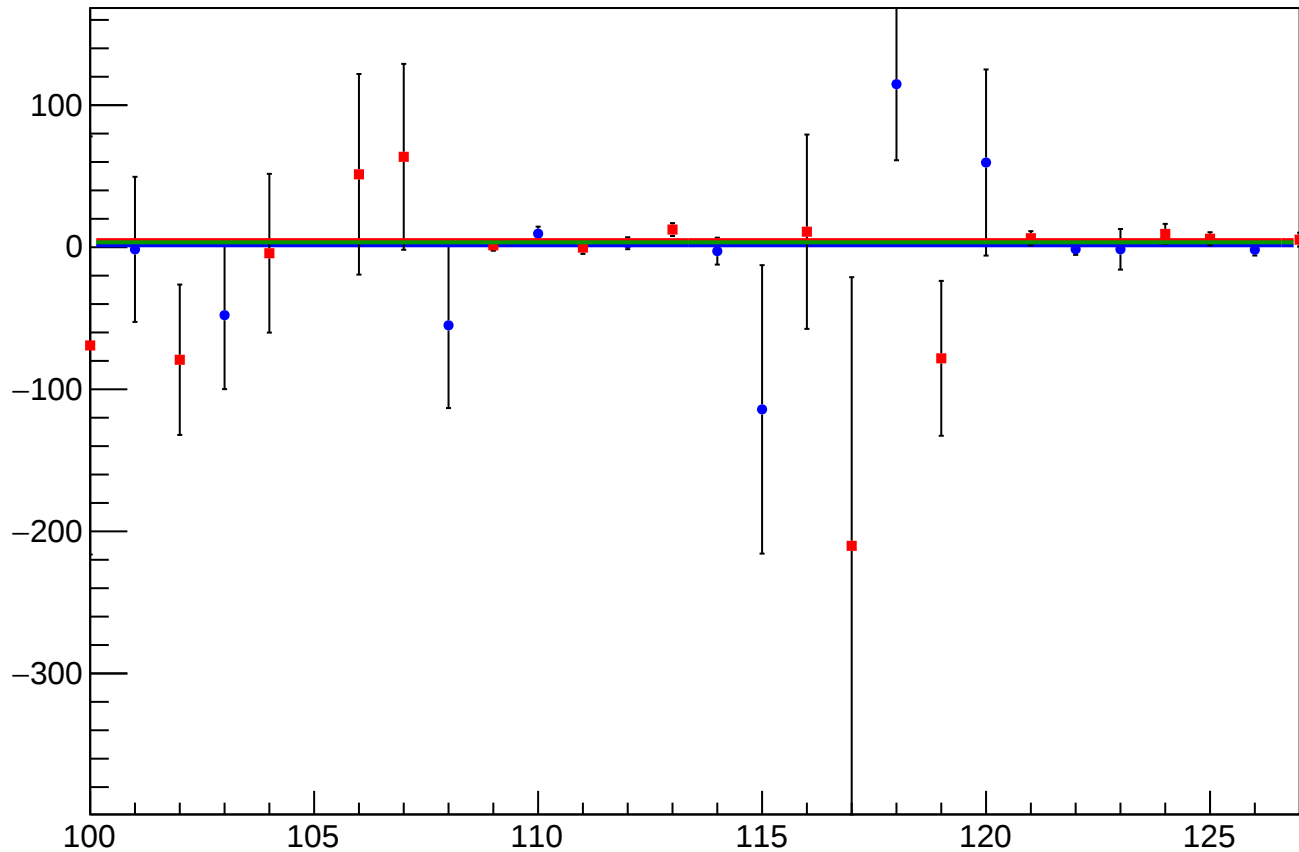
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3183.307+/-1.556 χ^2/NDF : 4361141.2/11

2777.524+/-0.914 χ^2/NDF : 9280923.4/26

2563.593+/-1.130 χ^2/NDF : 4815874.5/14

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.367 $\pm$ 2.046 χ^2/NDF : 12.6/11

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

Right Out: 4.991 $\pm$ 1.768 χ^2/NDF : 13.2/14

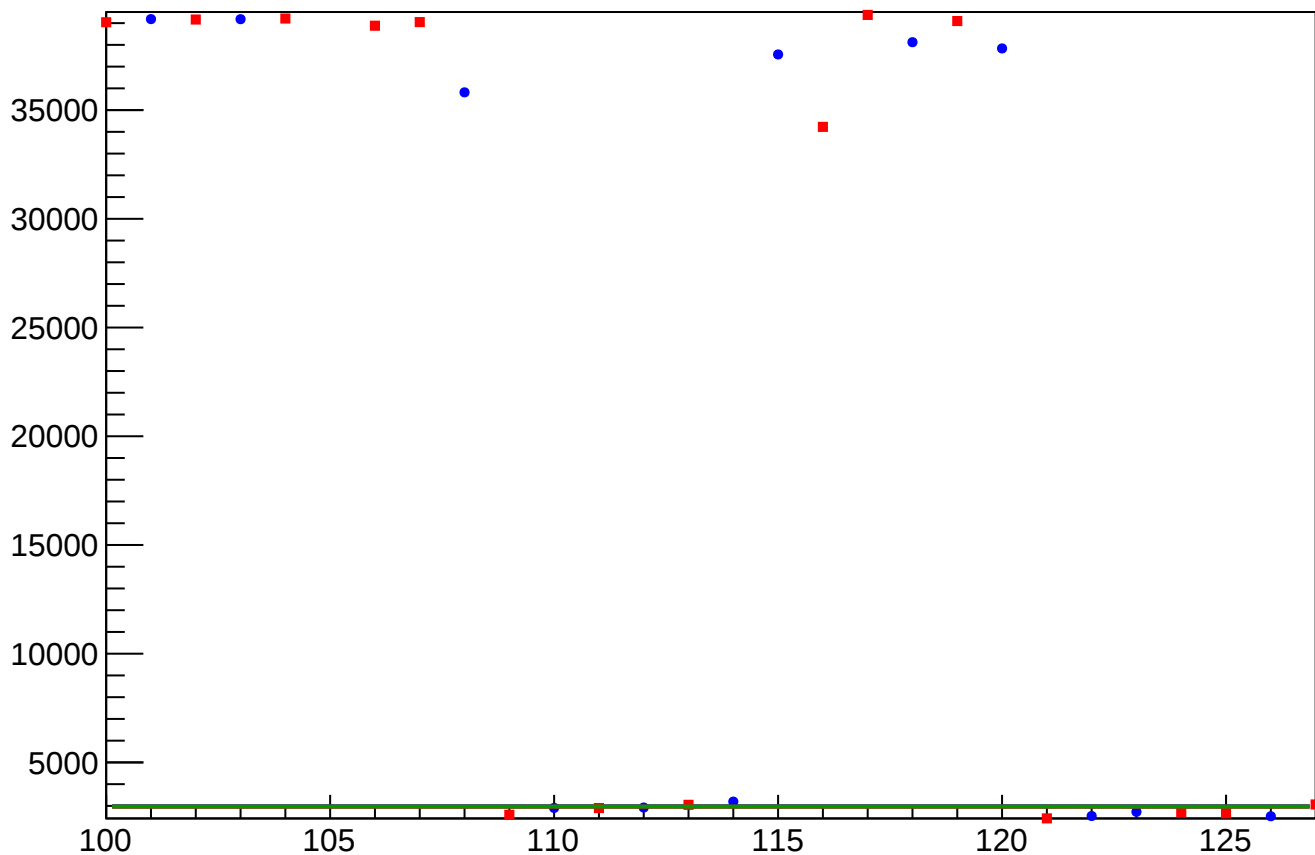
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.367 $\pm$ 2.046 χ^2/NDF : 12.6/11

3.441 $\pm$ 1.338 χ^2/NDF : 27.6/26

4.991 $\pm$ 1.768 χ^2/NDF : 13.2/14

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2980.092+/-1.447 χ^2/NDF : 4319453.0/11

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

Right Out: 2964.157+/-1.250 χ^2/NDF : 4450130.3/14

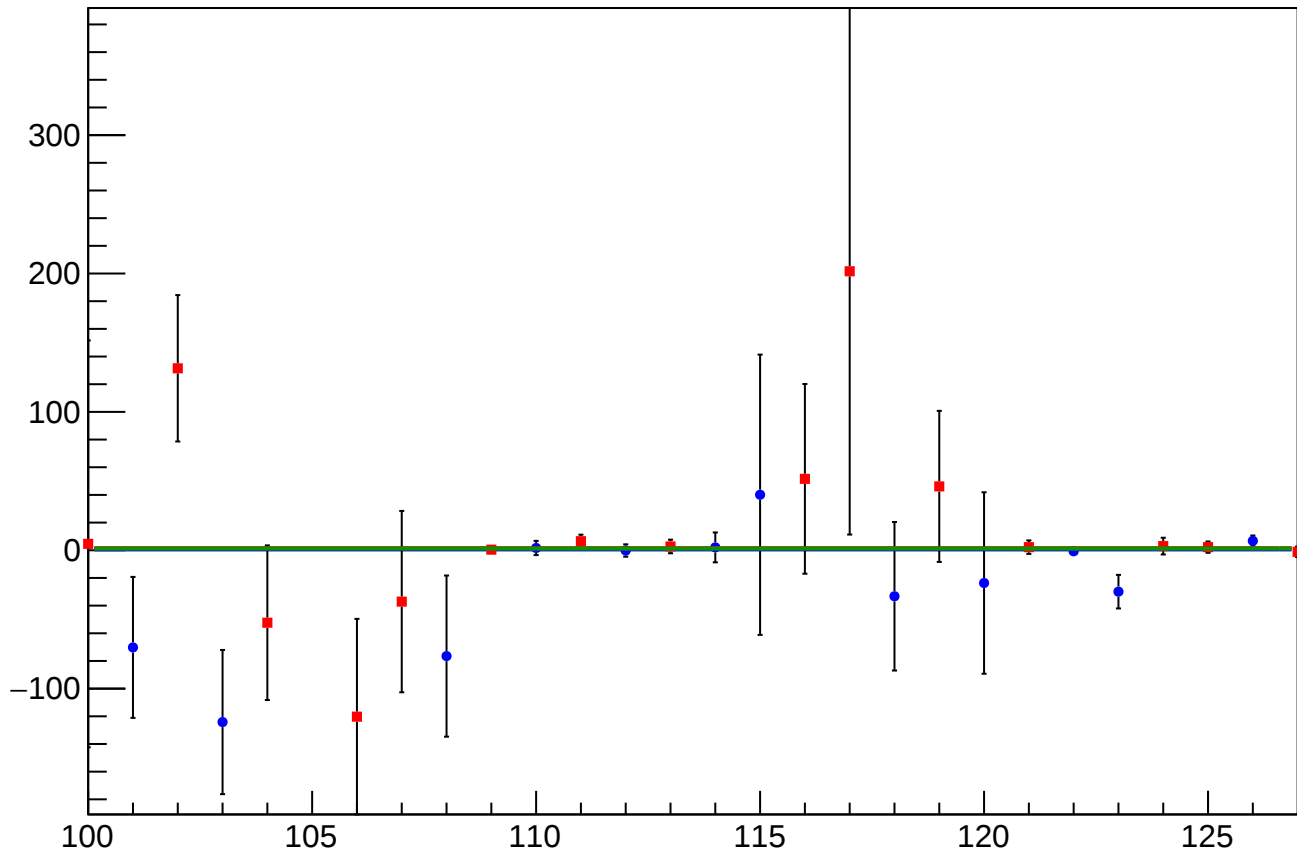
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2980.092+/-1.447 χ^2/NDF : 4319453.0/11

2970.972+/-0.946 χ^2/NDF : 8769652.8/26

2964.157+/-1.250 χ^2/NDF : 4450130.3/14

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.611 ± 1.992 $\chi^2/\text{NDF}: 19.2/11$

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

Right Out: 1.524 ± 1.414 $\chi^2/\text{NDF}: 14.6/14$

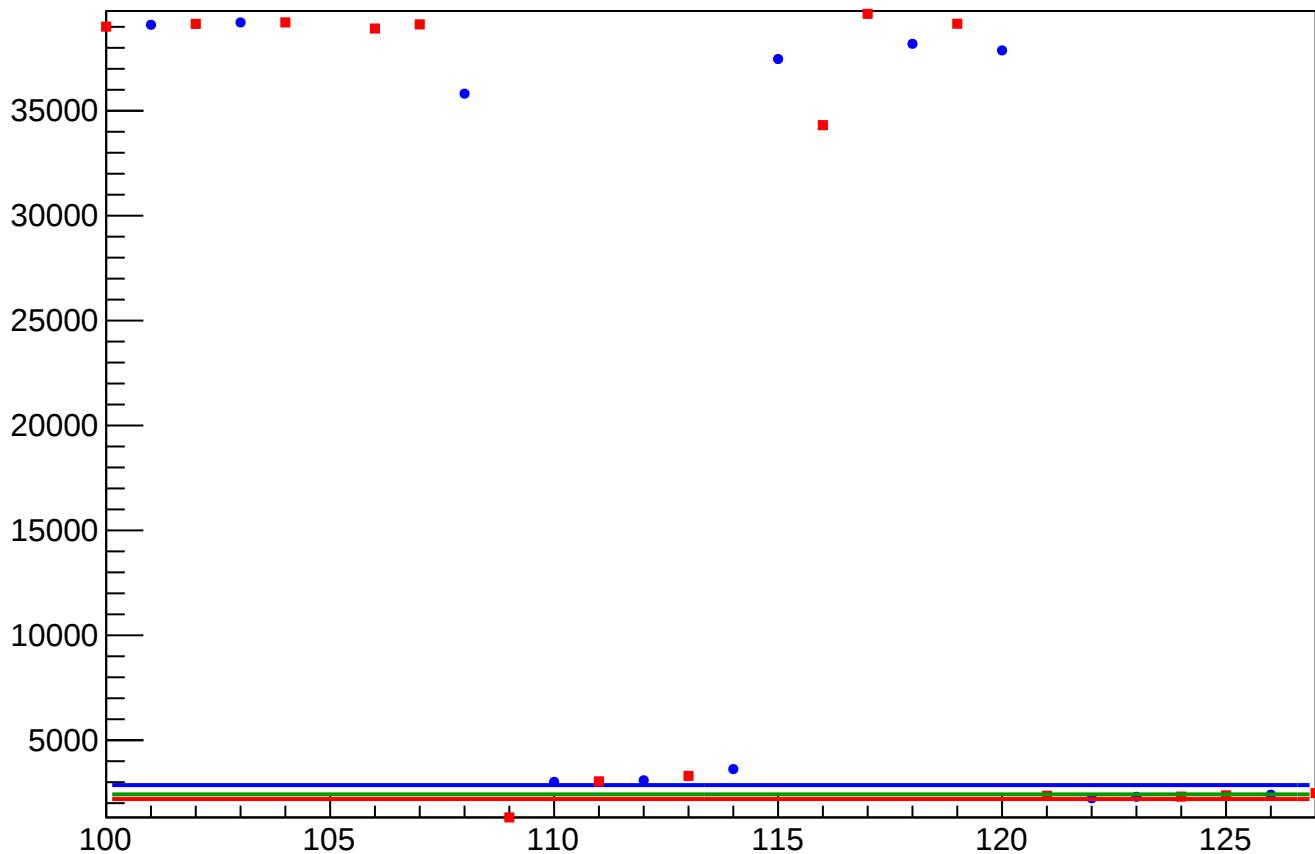
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.611 ± 1.992 $\chi^2/\text{NDF}: 19.2/11$

1.218 ± 1.153 $\chi^2/\text{NDF}: 34.0/26$

1.524 ± 1.414 $\chi^2/\text{NDF}: 14.6/14$

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2860.627+/-1.408 χ^2/NDF : 4408508.4/11

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

Right Out: 2195.121+/-1.000 χ^2/NDF : 5094983.1/14

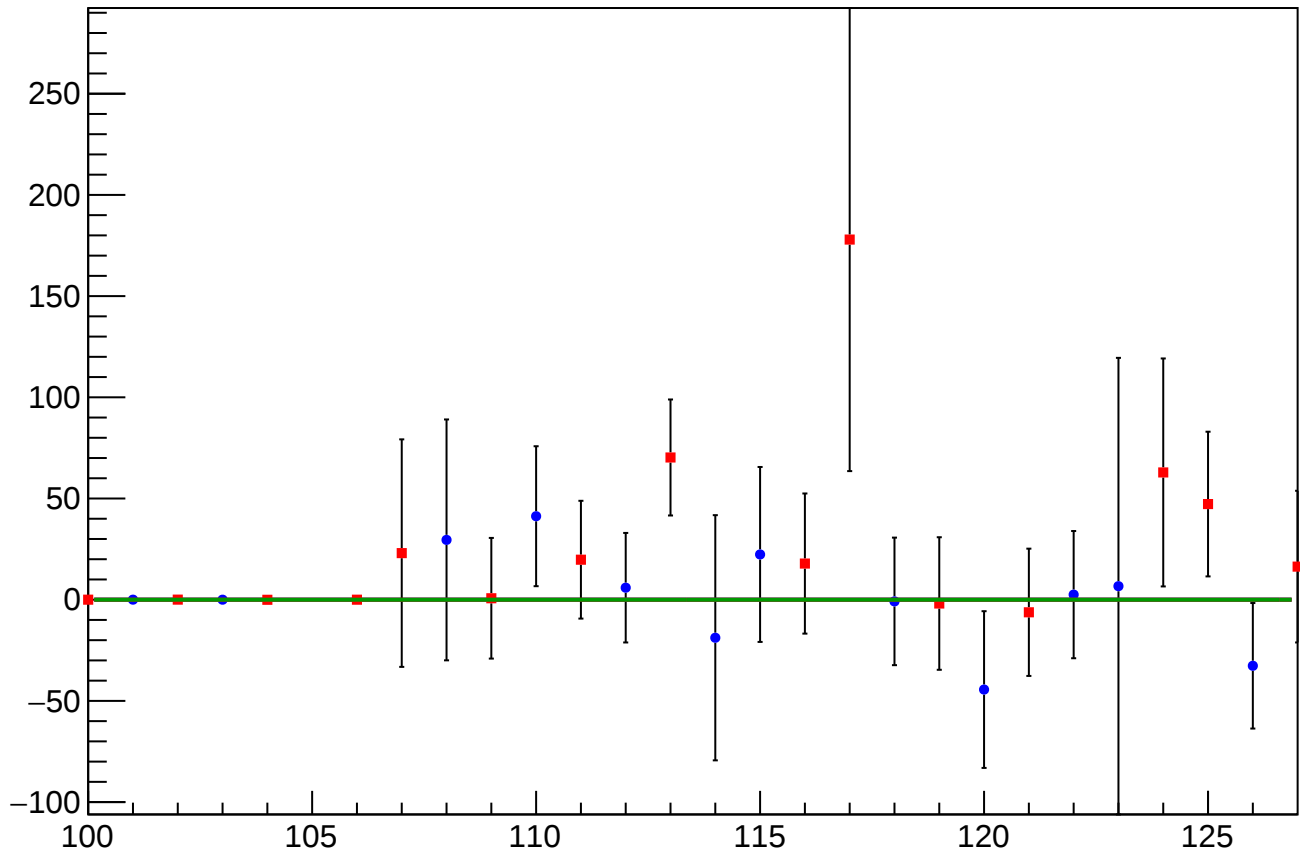
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2860.627+/-1.408 χ^2/NDF : 4408508.4/11

2418.132+/-0.815 χ^2/NDF : 9651955.1/26

2195.121+/-1.000 χ^2/NDF : 5094983.1/14

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 4.7/11

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 17.4/14

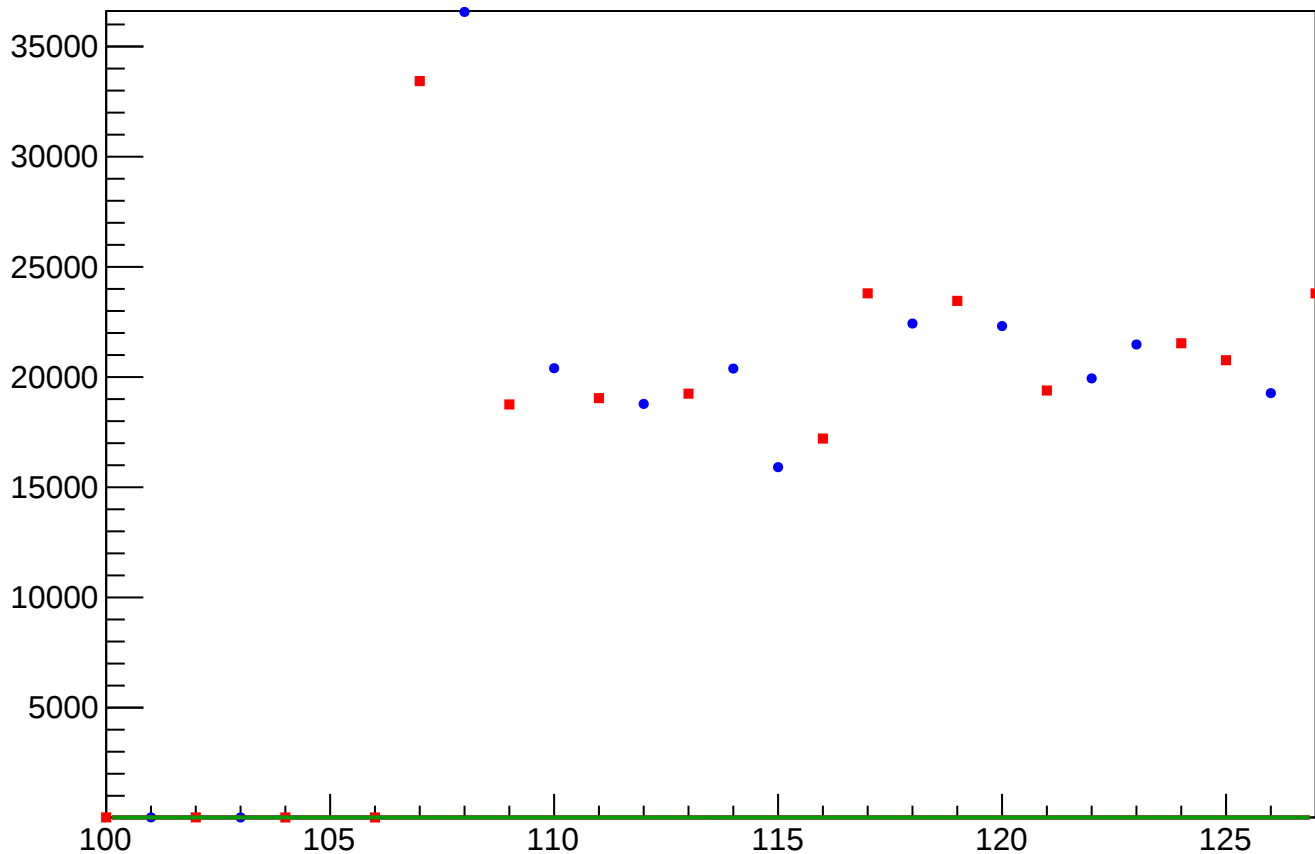
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 4.7/11

0.004 $\pm$ 0.012 χ^2 /NDF: 22.5/26

-0.003 $\pm$ 0.016 χ^2 /NDF: 17.4/14

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.604+/-0.012 χ^2/NDF : 6241442.7/11

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

Right Out: 18.287+/-0.011 χ^2/NDF : 7399326.2/14

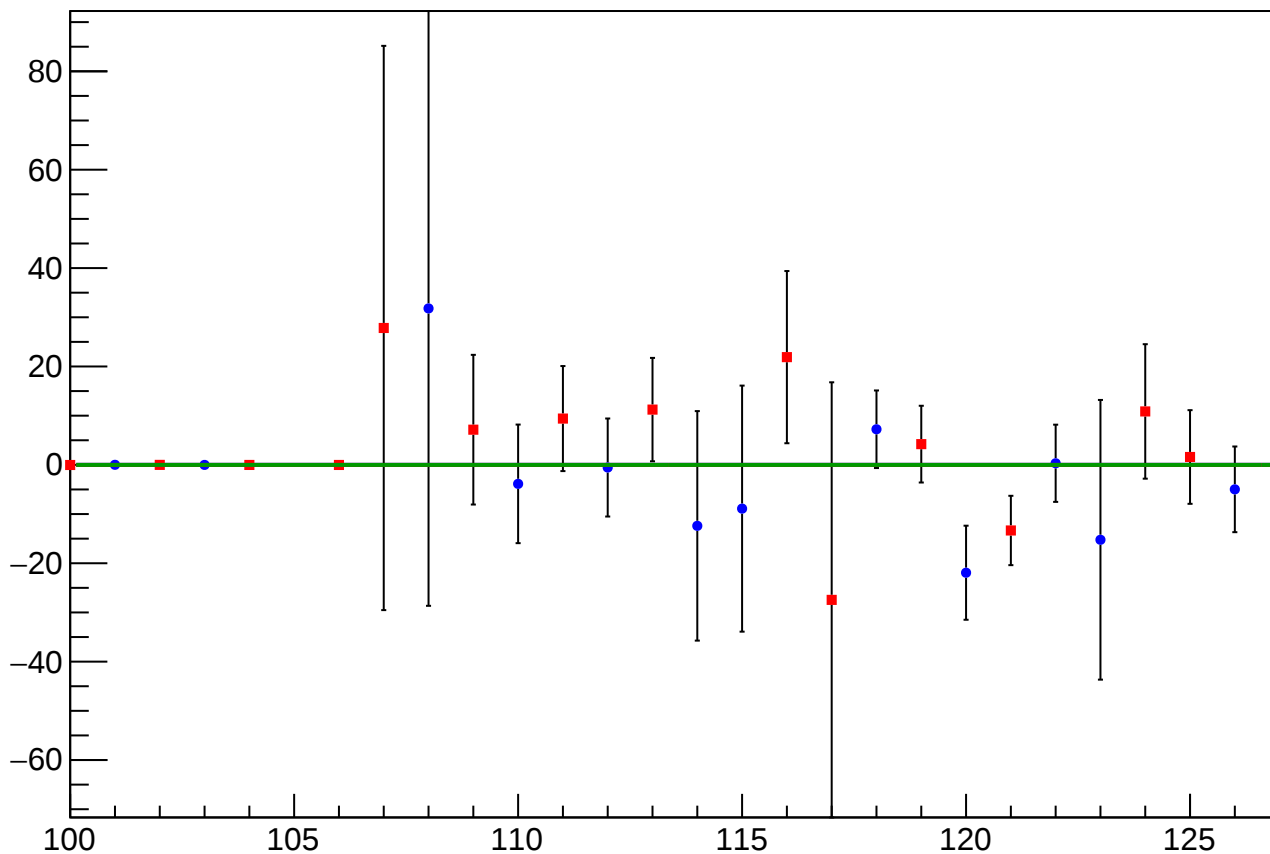
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.604+/-0.012 χ^2/NDF : 6241442.7/11

18.434+/-0.008 χ^2/NDF : 13641128.6/26

18.287+/-0.011 χ^2/NDF : 7399326.2/14

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 8.6/11

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

Right Out: -0.014+/-0.009 χ^2/NDF : 10.1/14

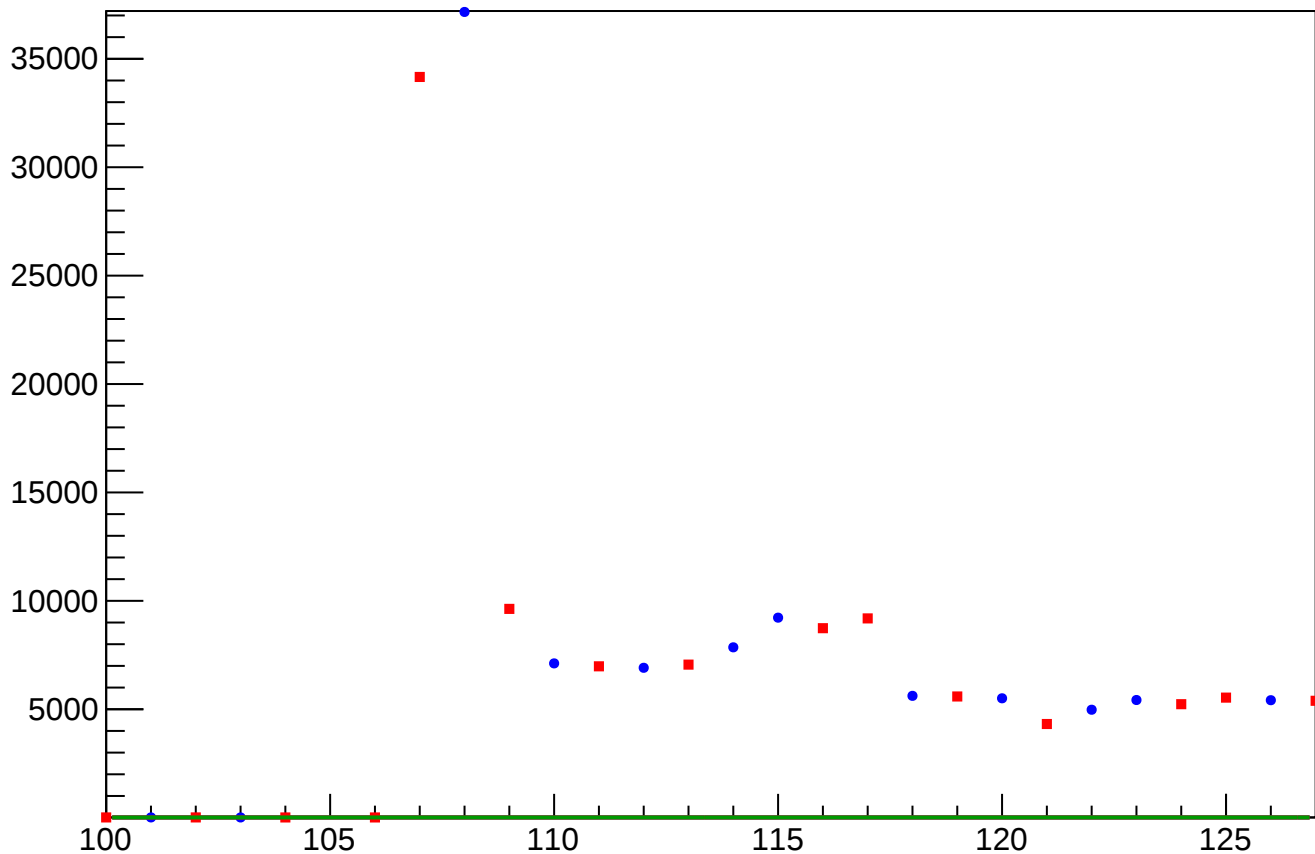
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 8.6/11

-0.007+/-0.006 χ^2/NDF : 20.1/26

-0.014+/-0.009 χ^2/NDF : 10.1/14

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.895+/-0.007 χ^2/NDF : 6236646.7/11

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

Right Out: 9.822+/-0.006 χ^2/NDF : 7463435.9/14

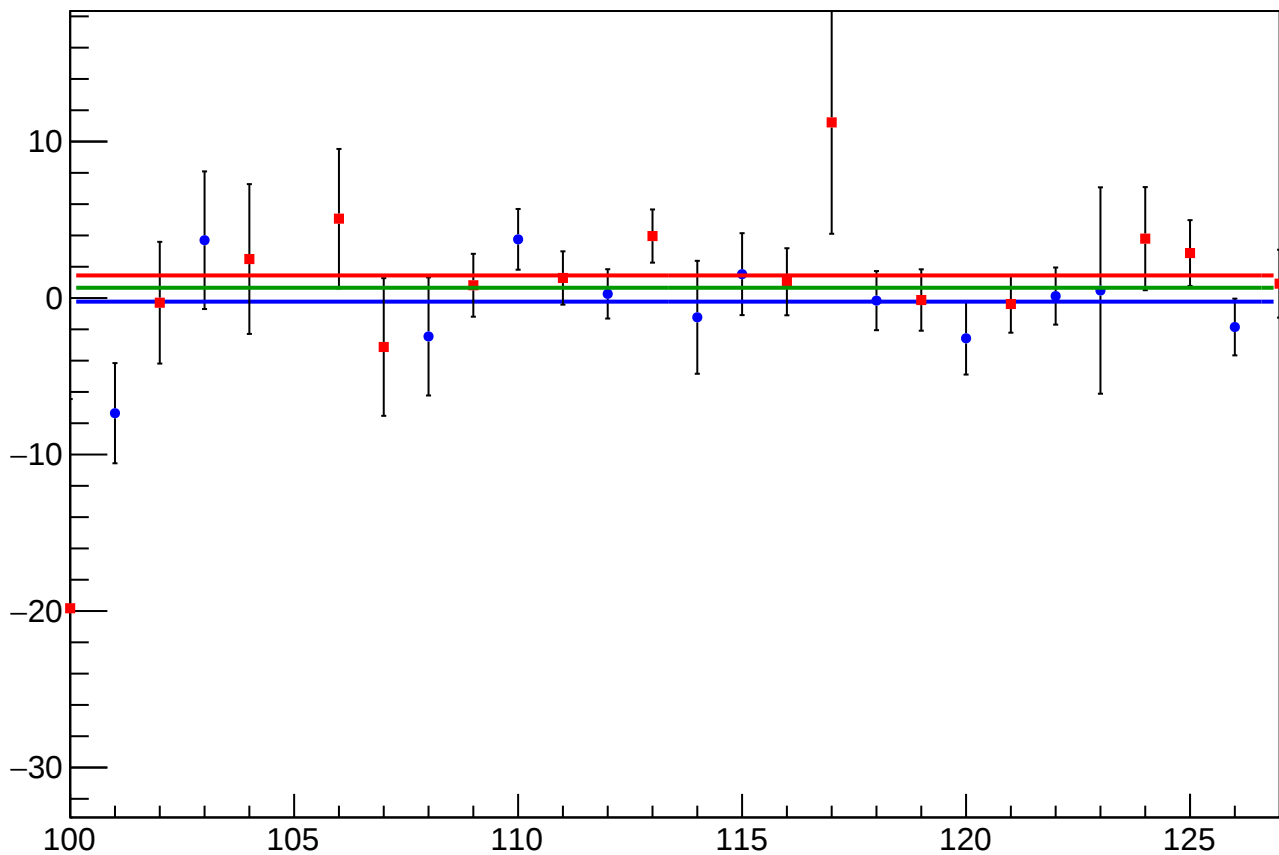
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.895+/-0.007 χ^2/NDF : 6236646.7/11

9.856+/-0.004 χ^2/NDF : 13700148.0/26

9.822+/-0.006 χ^2/NDF : 7463435.9/14

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.230 ± 0.673 χ^2/NDF : 12.8/11

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

Right Out: 1.445 ± 0.635 χ^2/NDF : 11.4/14

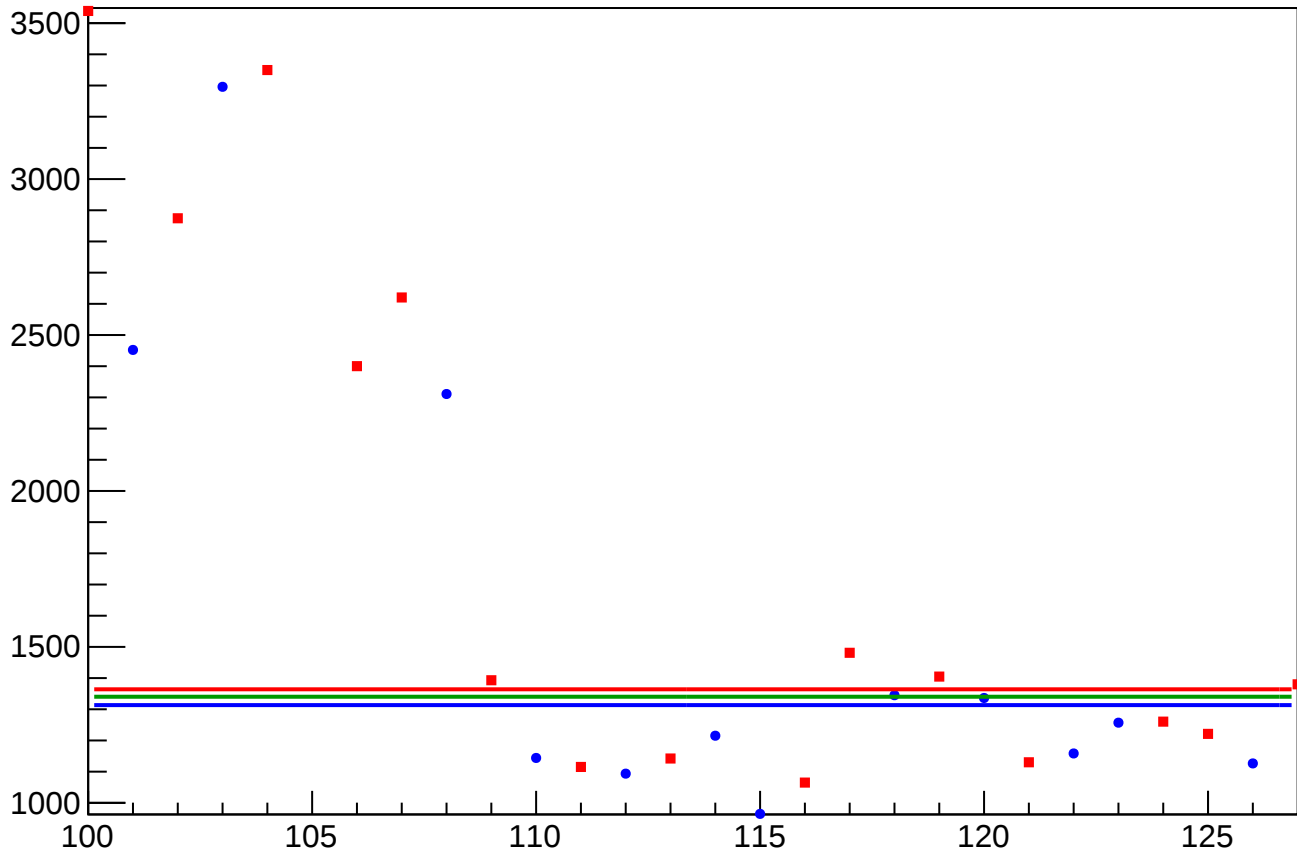
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.230 ± 0.673 χ^2/NDF : 12.8/11

0.657 ± 0.462 χ^2/NDF : 27.5/26

1.445 ± 0.635 χ^2/NDF : 11.4/14

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1313.380 $\pm$ 0.476 χ^2 /NDF: 926940.9/11

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

Right Out: 1364.053 $\pm$ 0.449 χ^2 /NDF: 1131510.1/14

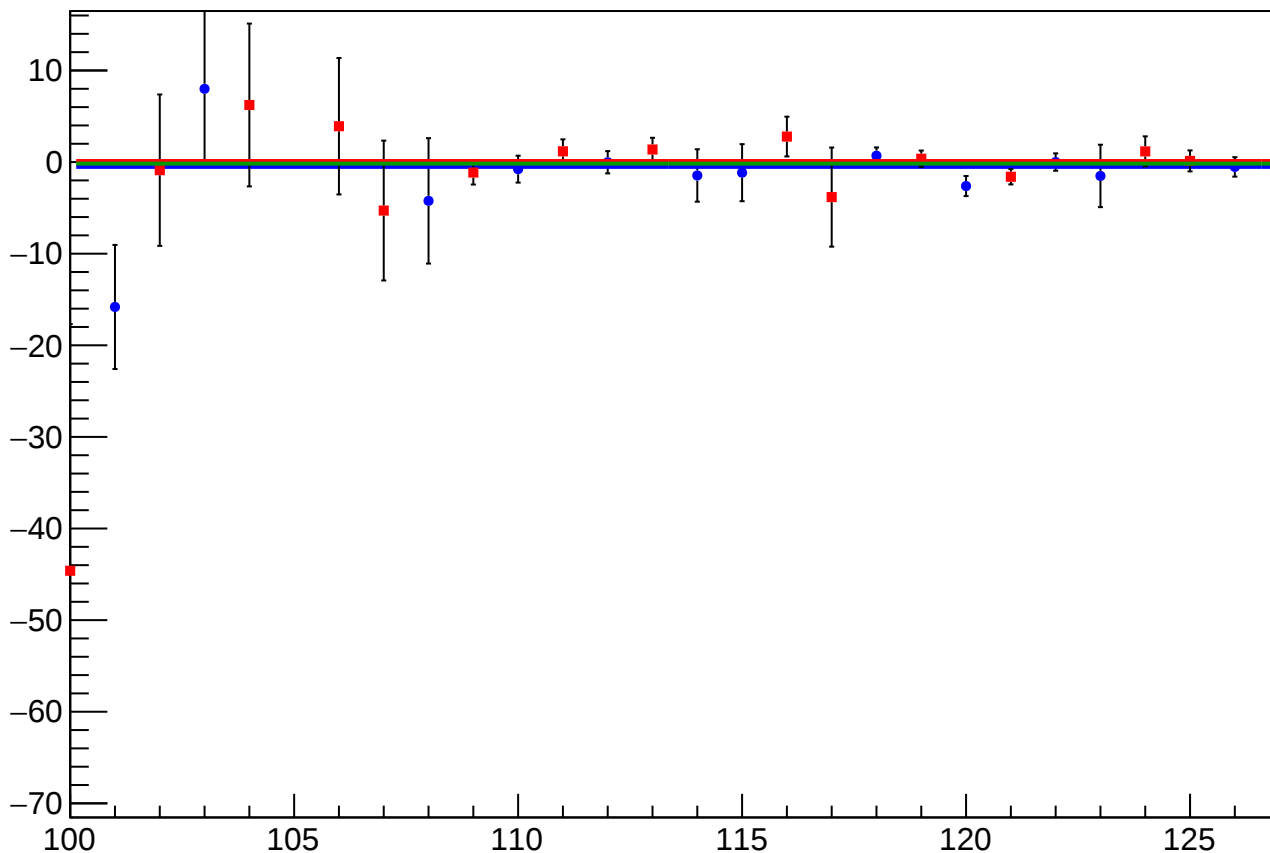
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1313.380 $\pm$ 0.476 χ^2 /NDF: 926940.9/11

1340.215 $\pm$ 0.327 χ^2 /NDF: 2064447.4/26

1364.053 $\pm$ 0.449 χ^2 /NDF: 1131510.1/14

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.521+/-0.424 χ^2 /NDF: 12.6/11

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

Right Out: 0.114+/-0.380 χ^2 /NDF: 13.7/14

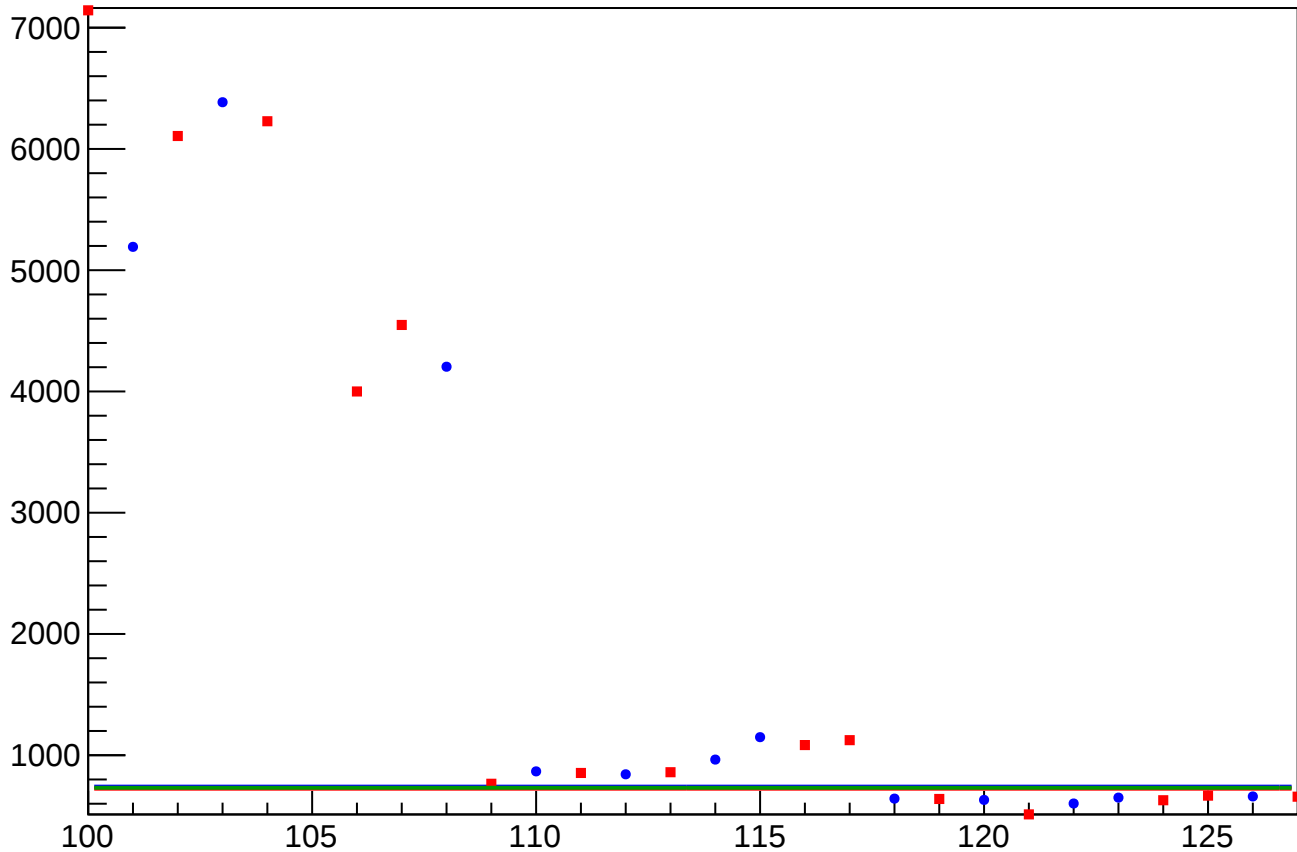
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.521+/-0.424 χ^2 /NDF: 12.6/11

-0.170+/-0.283 χ^2 /NDF: 27.6/26

0.114+/-0.380 χ^2 /NDF: 13.7/14

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 740.828 $\pm$ 0.300 χ^2 /NDF: 2433902.3/11

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

Right Out: 724.255 $\pm$ 0.269 χ^2 /NDF: 2895314.9/14

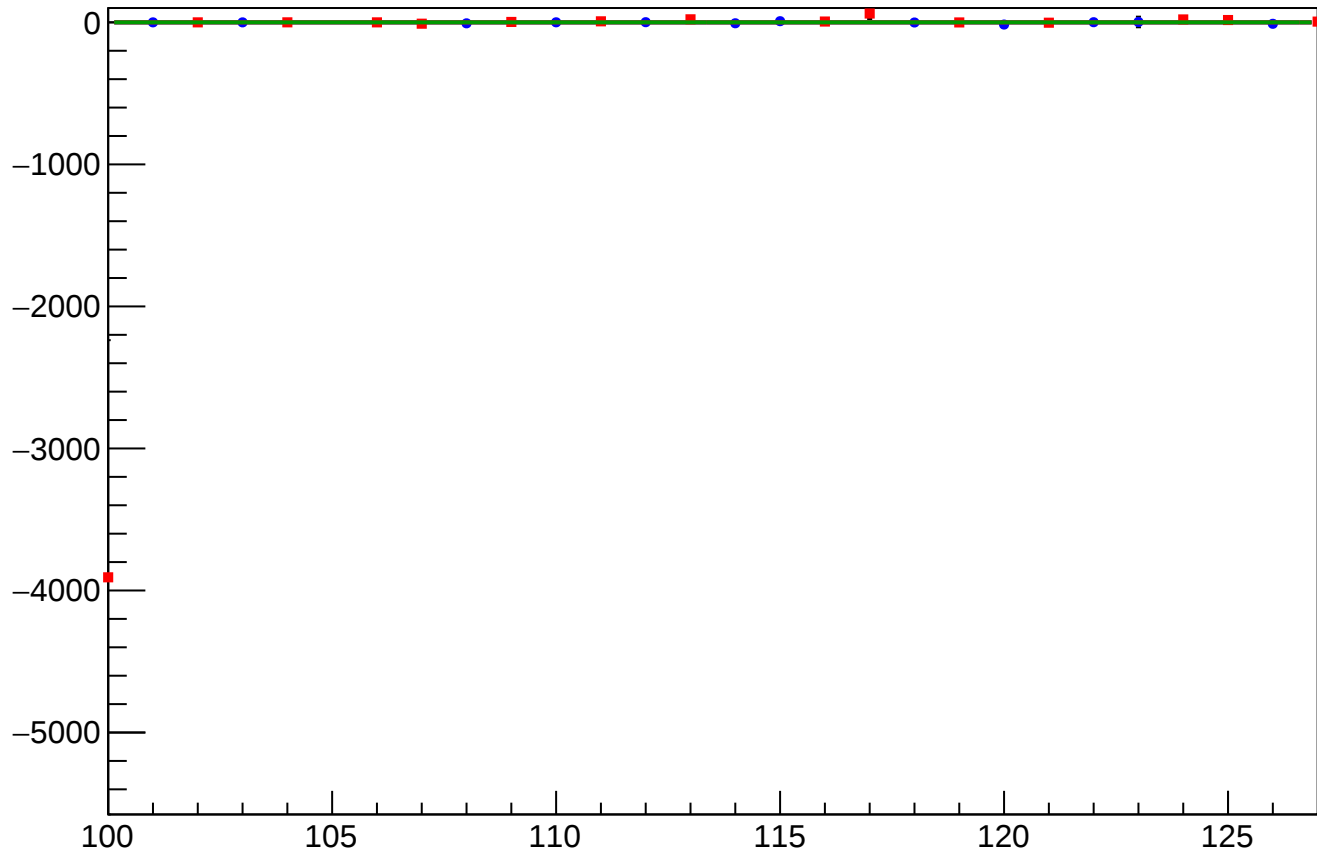
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

740.828 $\pm$ 0.300 χ^2 /NDF: 2433902.3/11

731.654 $\pm$ 0.200 χ^2 /NDF: 5330911.3/26

724.255 $\pm$ 0.269 χ^2 /NDF: 2895314.9/14

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2 /NDF: 3.8/11

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

Right Out: 0.027+/-0.020 χ^2 /NDF: 19.4/14

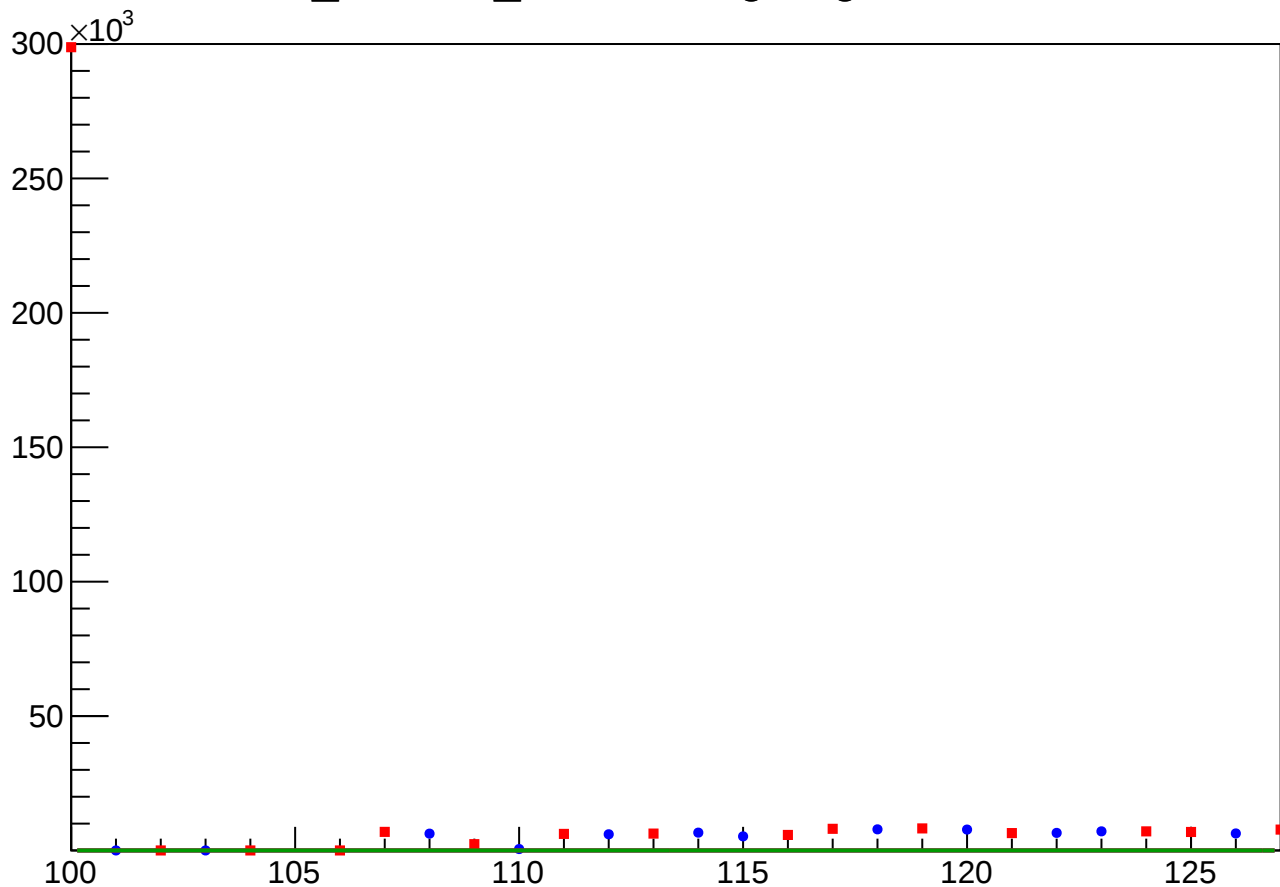
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.021+/-0.021 χ^2 /NDF: 3.8/11

0.004+/-0.014 χ^2 /NDF: 26.0/26

0.027+/-0.020 χ^2 /NDF: 19.4/14

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.181 $\pm$ 0.015 χ^2 /NDF: 5761917.2/11

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

Right Out: 17.160 $\pm$ 0.014 χ^2 /NDF: 7122187.5/14

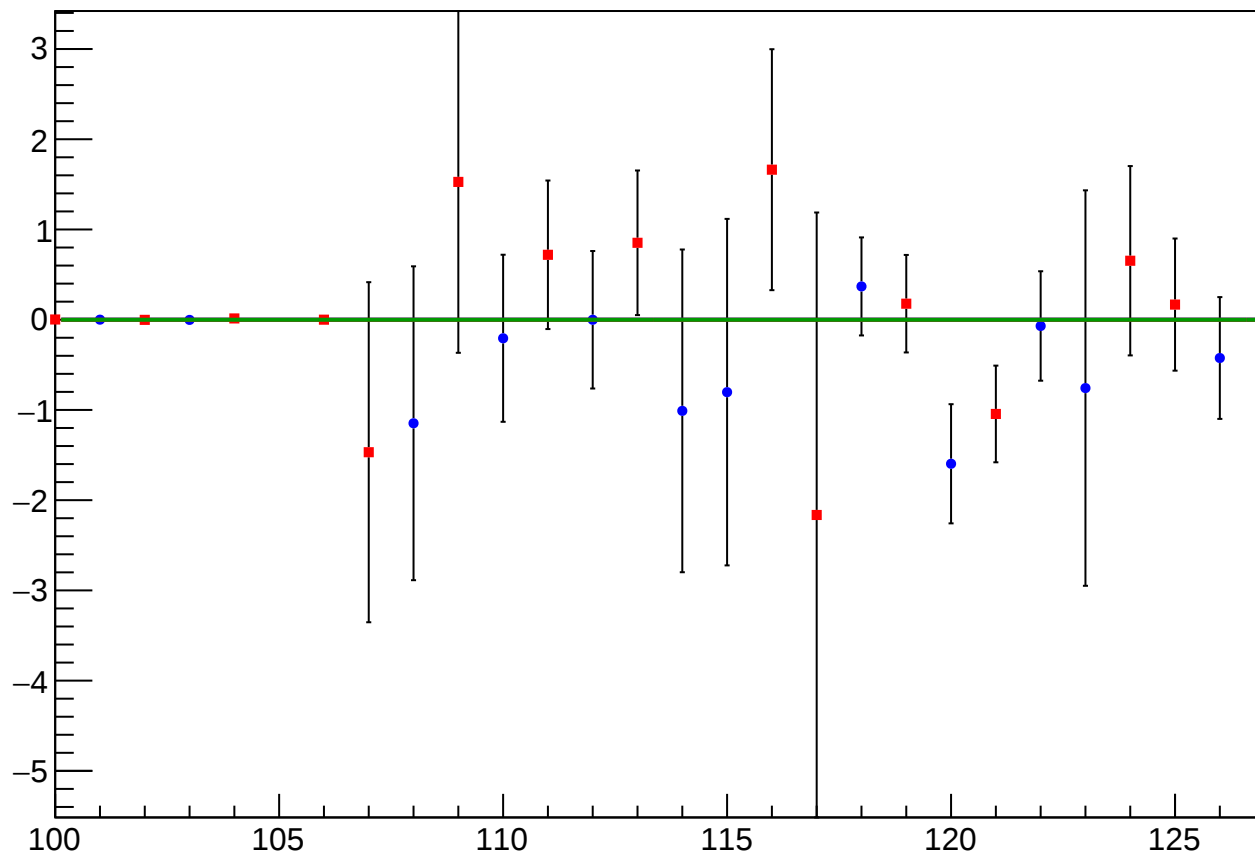
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.181 $\pm$ 0.015 χ^2 /NDF: 5761917.2/11

17.170 $\pm$ 0.010 χ^2 /NDF: 12884105.7/26

17.160 $\pm$ 0.014 χ^2 /NDF: 7122187.5/14

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 8.0/11

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 11.0/14

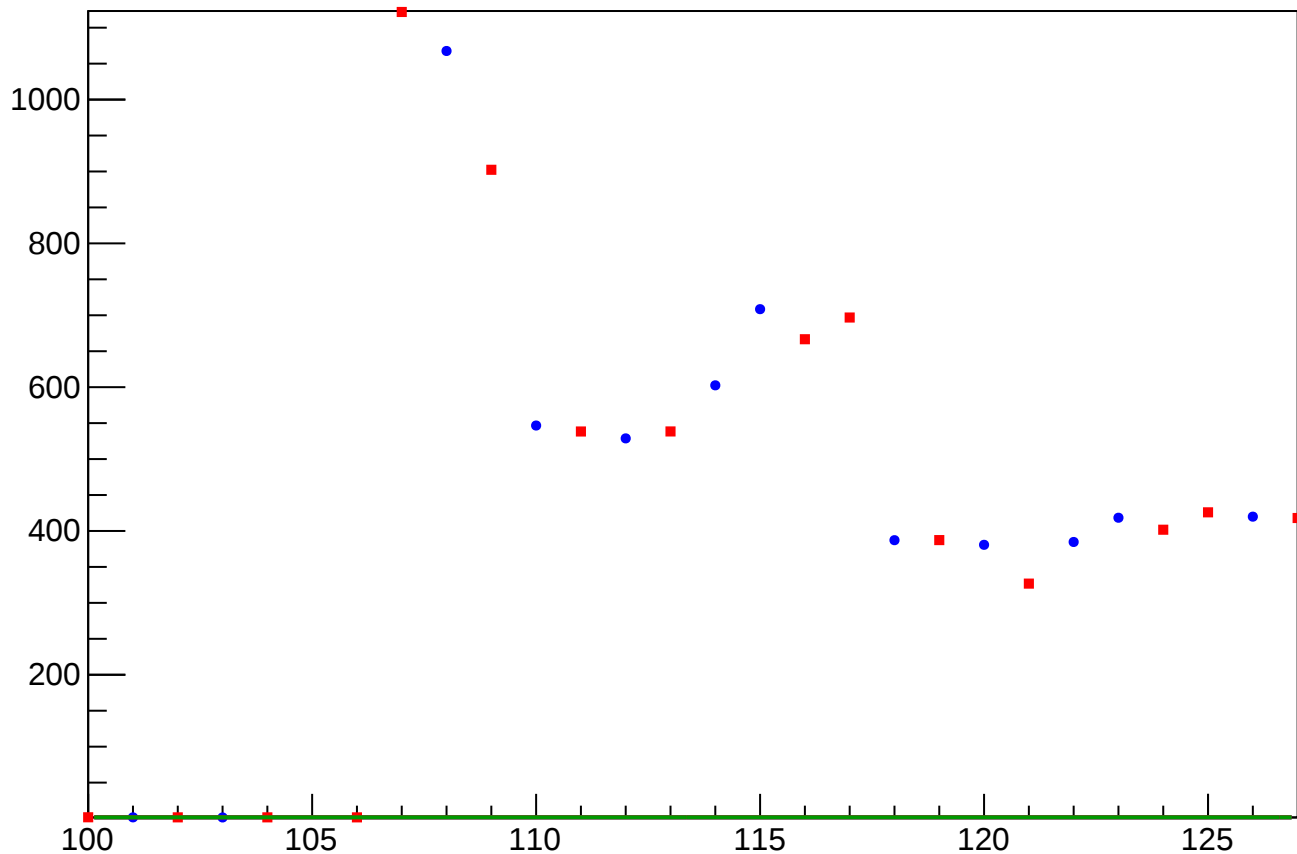
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 8.0/11

-0.000 $\pm$ 0.001 χ^2 /NDF: 19.2/26

-0.001 $\pm$ 0.002 χ^2 /NDF: 11.0/14

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.671+/-0.001 χ^2/NDF : 6203812.3/11

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

Right Out: 1.707+/-0.001 χ^2/NDF : 7069982.3/14

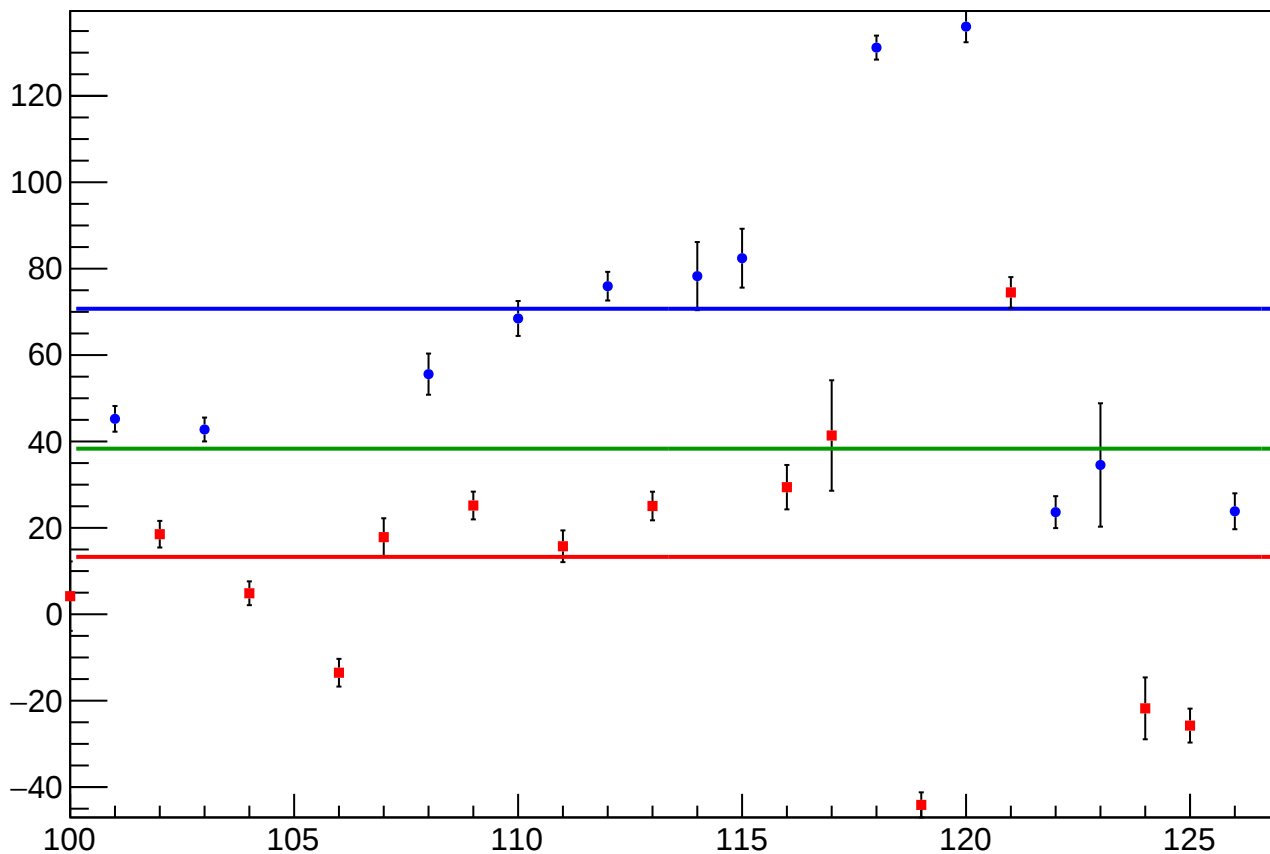
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.671+/-0.001 χ^2/NDF : 6203812.3/11

1.690+/-0.001 χ^2/NDF : 13274118.0/26

1.707+/-0.001 χ^2/NDF : 7069982.3/14

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 70.720 $\pm$ 1.104 χ^2 /NDF: 1288.9/11

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

Right Out: 13.285 $\pm$ 0.971 χ^2 /NDF: 1297.2/14

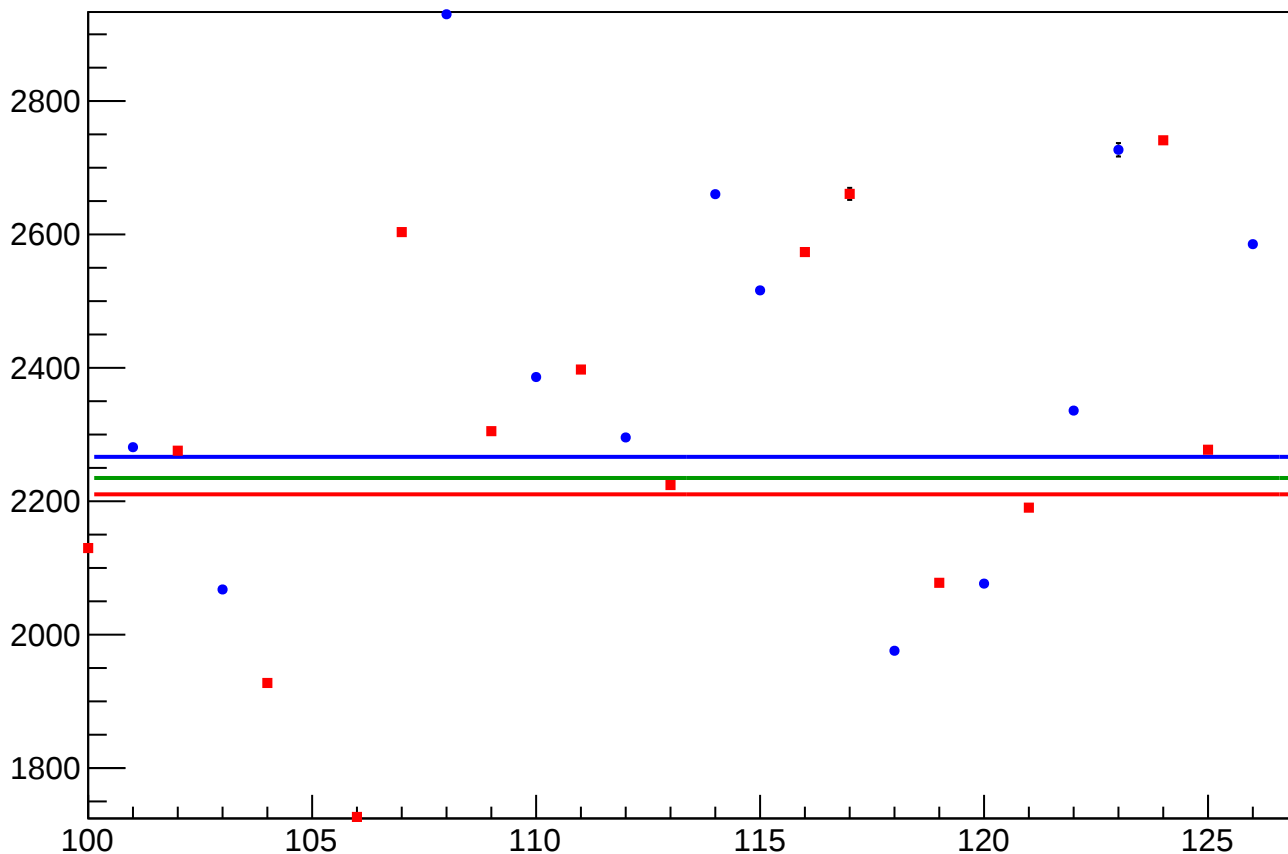
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

70.720 $\pm$ 1.104 χ^2 /NDF: 1288.9/11

38.334 $\pm$ 0.729 χ^2 /NDF: 4111.6/26

13.285 $\pm$ 0.971 χ^2 /NDF: 1297.2/14

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2266.565 $\pm$ 0.781 χ^2 /NDF: 100767.4/11

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

Right Out: 2210.381 $\pm$ 0.687 χ^2 /NDF: 130171.7/14

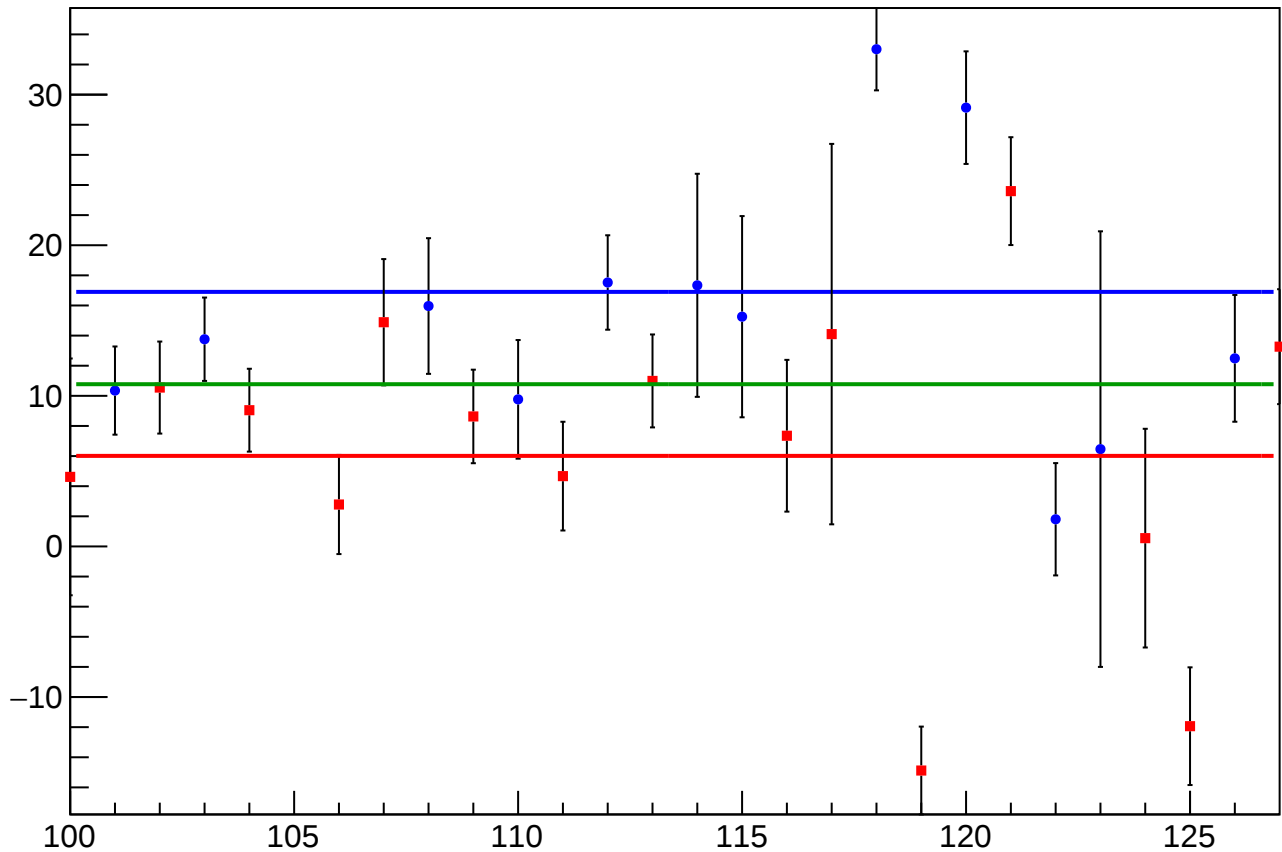
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2266.565 $\pm$ 0.781 χ^2 /NDF: 100767.4/11

2234.884 $\pm$ 0.516 χ^2 /NDF: 233858.7/26

2210.381 $\pm$ 0.687 χ^2 /NDF: 130171.7/14

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.903+/-1.090 χ^2/NDF : 73.2/11

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

Right Out: 6.013+/-0.960 χ^2/NDF : 113.5/14

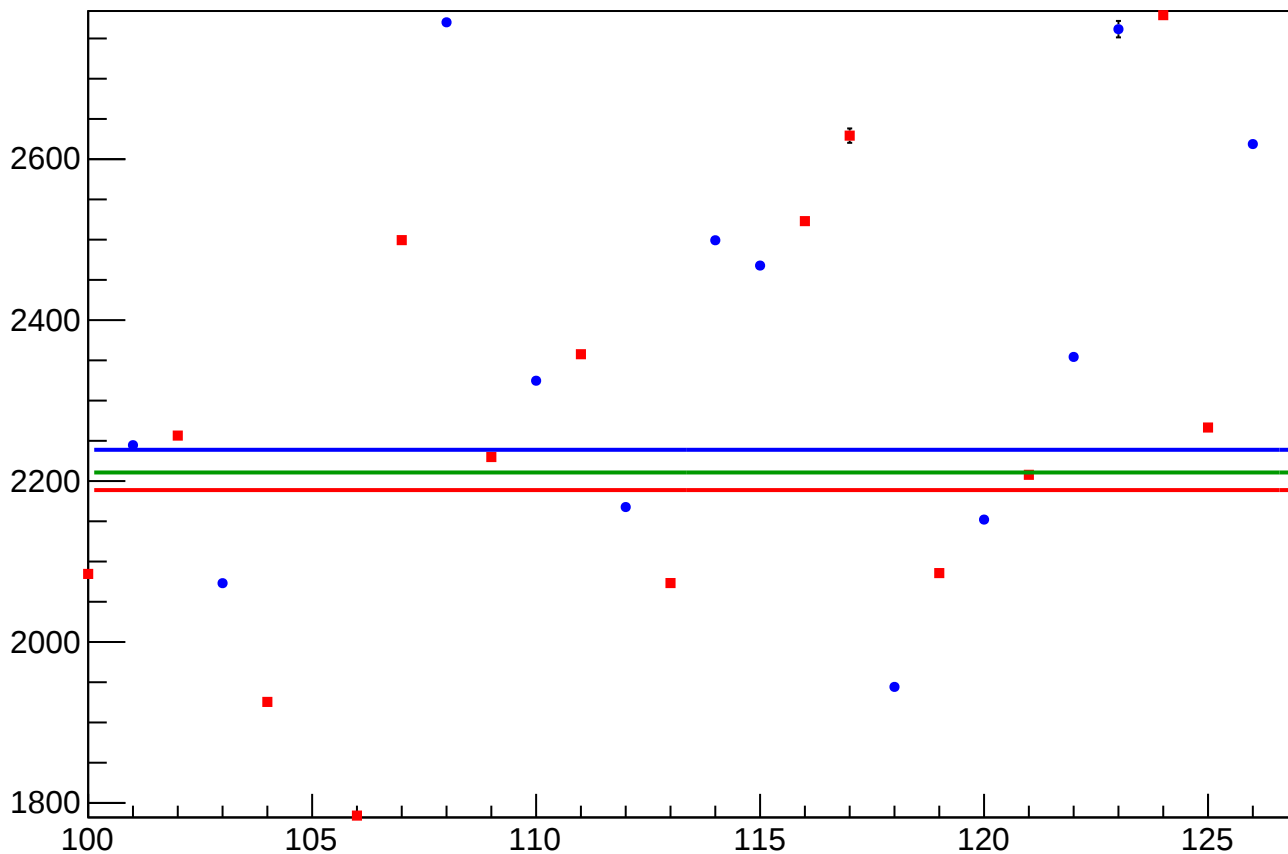
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.903+/-1.090 χ^2/NDF : 73.2/11

10.772+/-0.721 χ^2/NDF : 242.9/26

6.013+/-0.960 χ^2/NDF : 113.5/14

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2238.855 $\pm$ 0.771 χ^2/NDF : 86926.5/11

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

Right Out: 2188.790 $\pm$ 0.679 χ^2/NDF : 110528.8/14

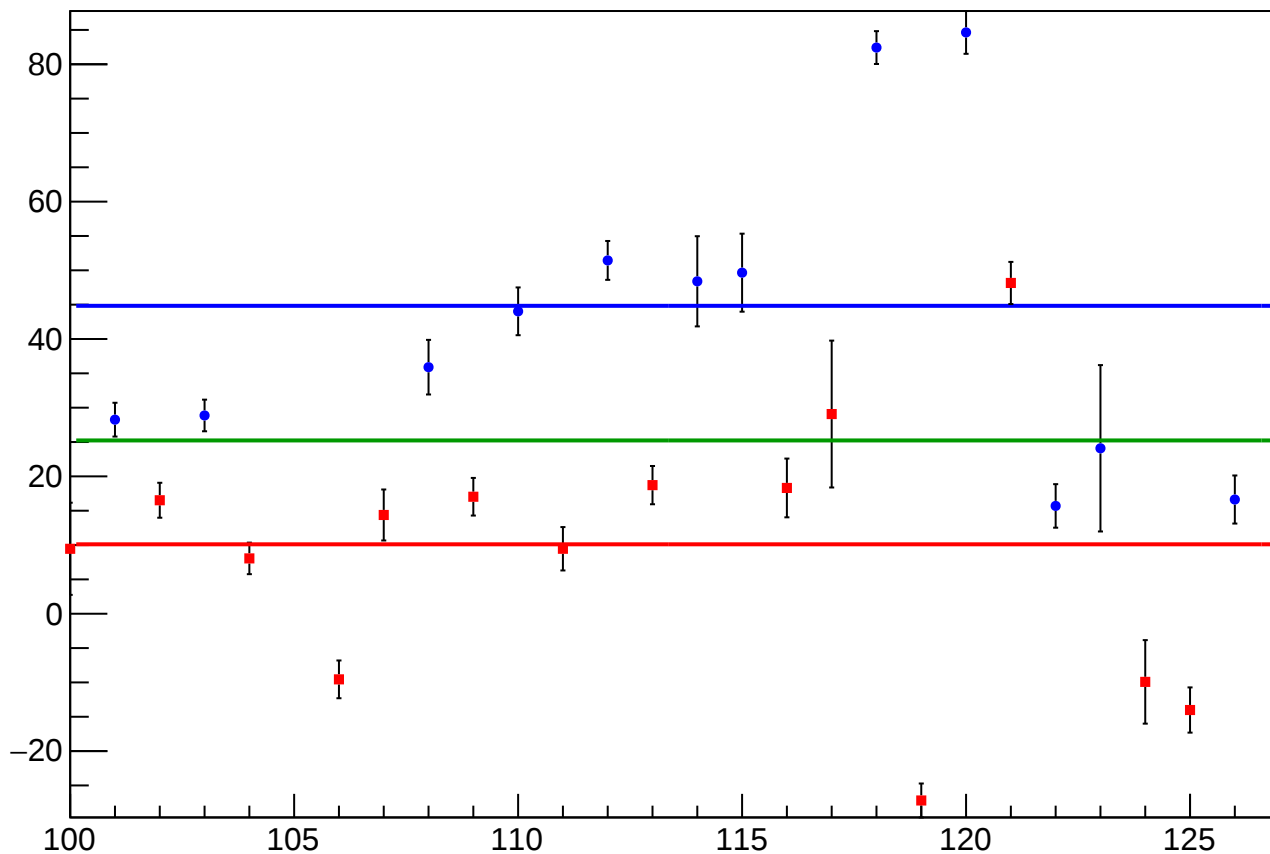
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2238.855 $\pm$ 0.771 χ^2/NDF : 86926.5/11

2210.670 $\pm$ 0.509 χ^2/NDF : 199831.1/26

2188.790 $\pm$ 0.679 χ^2/NDF : 110528.8/14

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 44.831+/-0.935 χ^2 /NDF: 667.8/11

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

Right Out: 10.108+/-0.821 χ^2 /NDF: 689.1/14

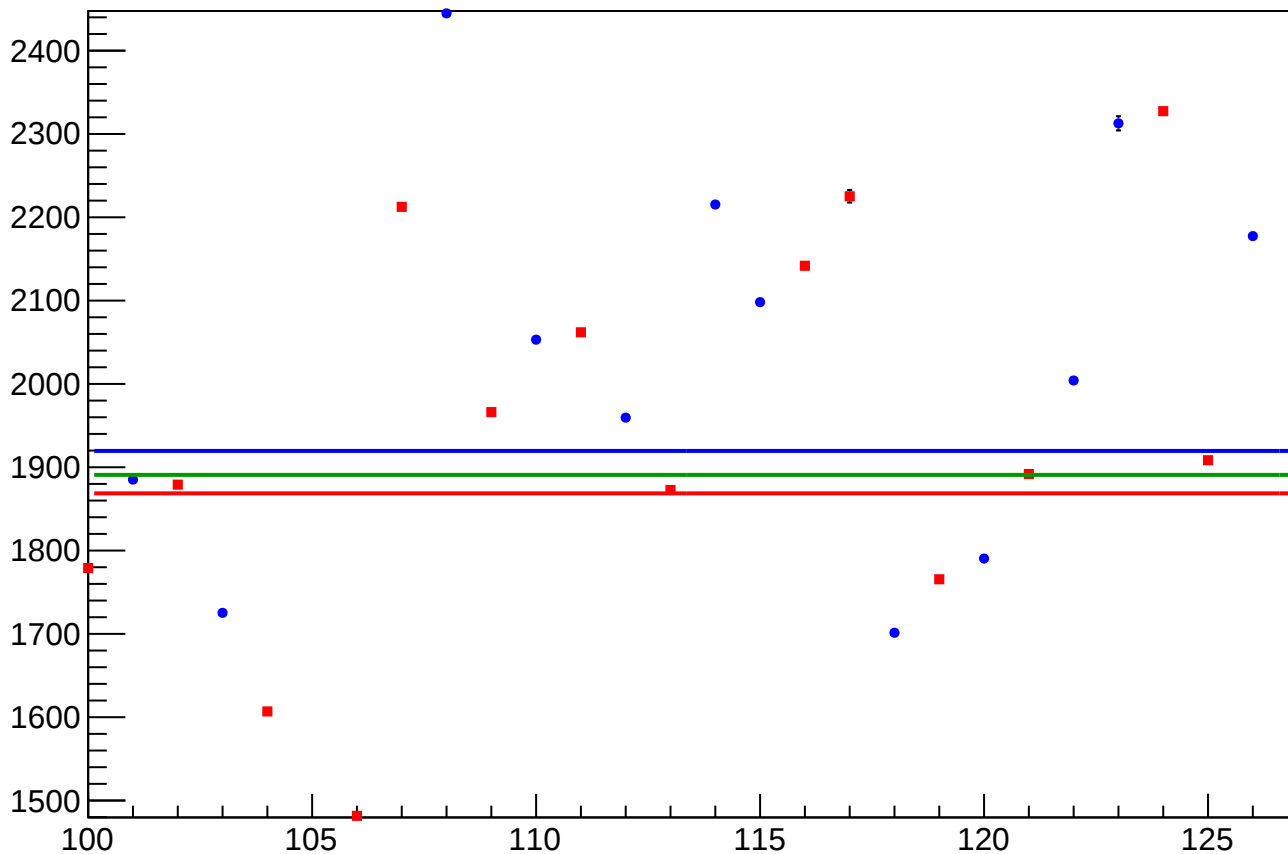
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

44.831+/-0.935 χ^2 /NDF: 667.8/11

25.230+/-0.617 χ^2 /NDF: 2136.1/26

10.108+/-0.821 χ^2 /NDF: 689.1/14

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1919.590+/-0.661 χ^2/NDF : 93396.7/11

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

Right Out: 1868.662+/-0.580 χ^2/NDF : 130458.7/14

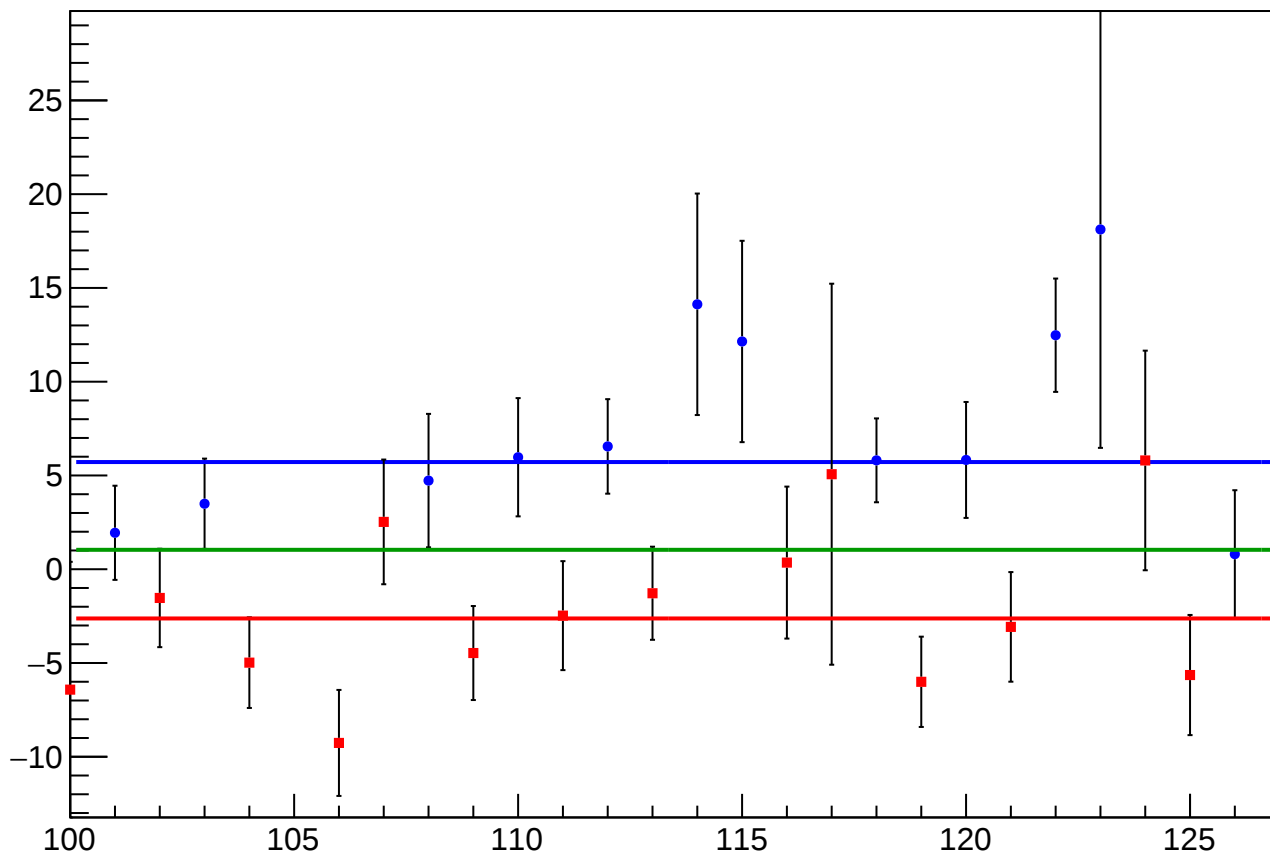
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1919.590+/-0.661 χ^2/NDF : 93396.7/11

1890.843+/-0.436 χ^2/NDF : 227207.7/26

1868.662+/-0.580 χ^2/NDF : 130458.7/14

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.715+/-0.898 χ^2/NDF : 15.0/11

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

Right Out: -2.625+/-0.794 χ^2/NDF : 29.5/14

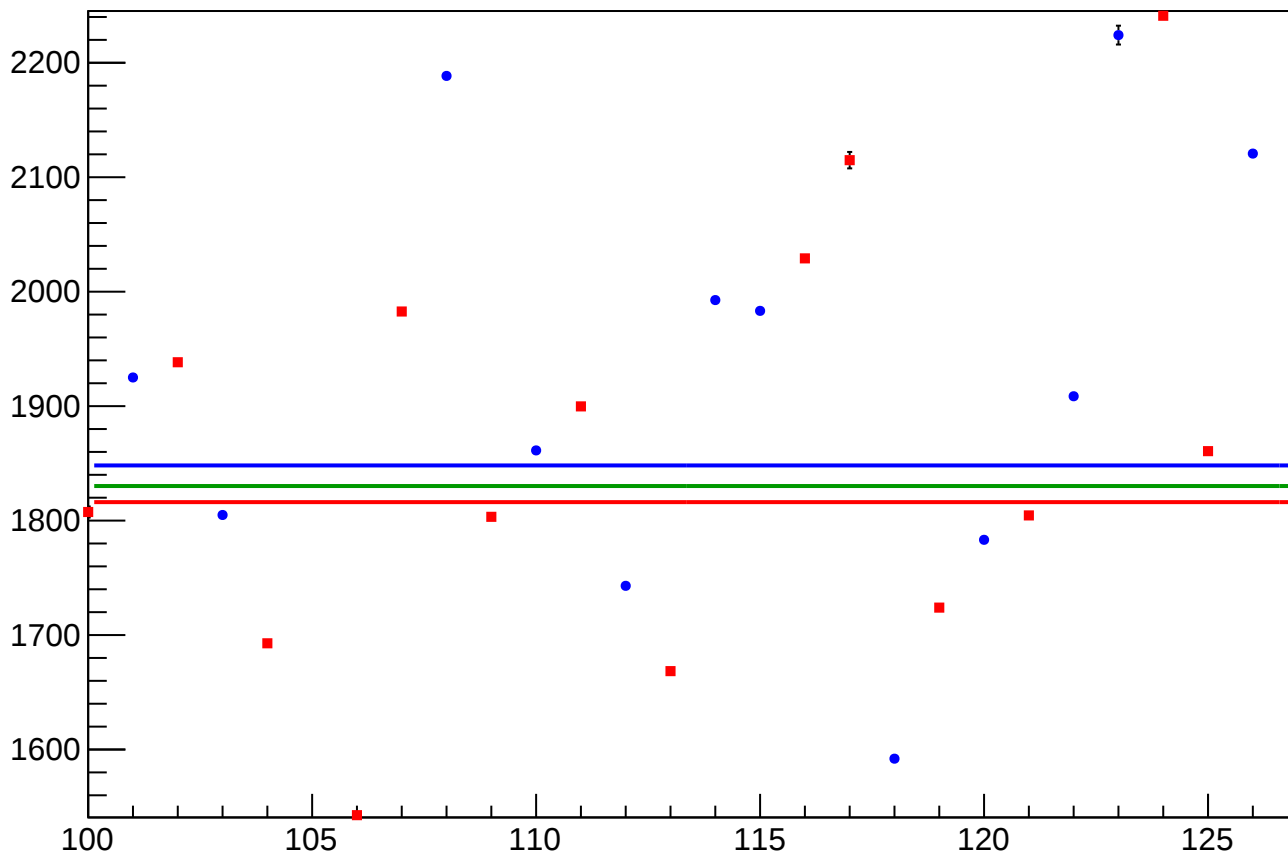
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.715+/-0.898 χ^2/NDF : 15.0/11

1.035+/-0.595 χ^2/NDF : 92.9/26

-2.625+/-0.794 χ^2/NDF : 29.5/14

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1848.193 $\pm$ 0.635 χ^2 /NDF: 69603.5/11

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

Right Out: 1816.135 $\pm$ 0.562 χ^2 /NDF: 73811.3/14

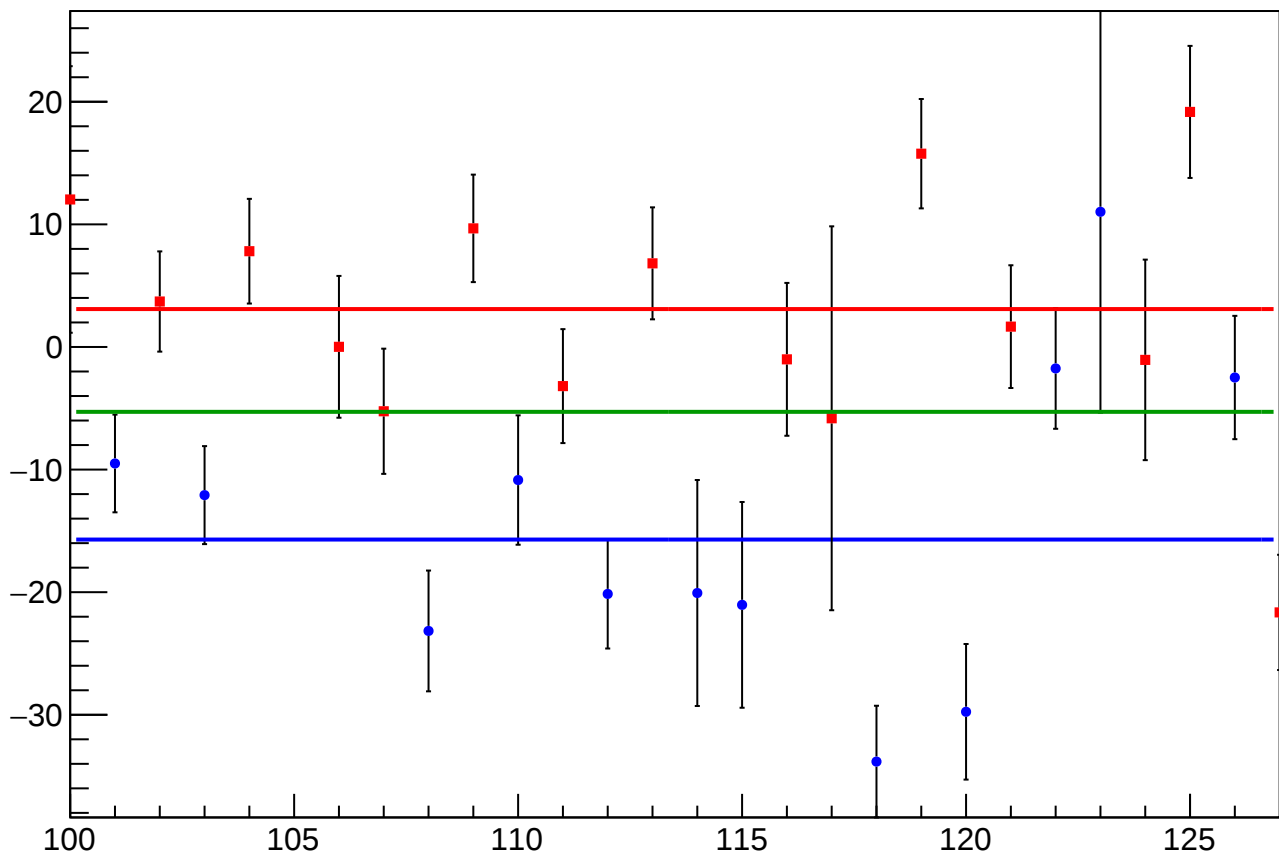
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1848.193 $\pm$ 0.635 χ^2 /NDF: 69603.5/11

1830.205 $\pm$ 0.421 χ^2 /NDF: 144844.2/26

1816.135 $\pm$ 0.562 χ^2 /NDF: 73811.3/14

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.707 $\pm$ 1.500 χ^2 /NDF: 47.9/11

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

Right Out: 3.092 $\pm$ 1.345 χ^2 /NDF: 55.4/14

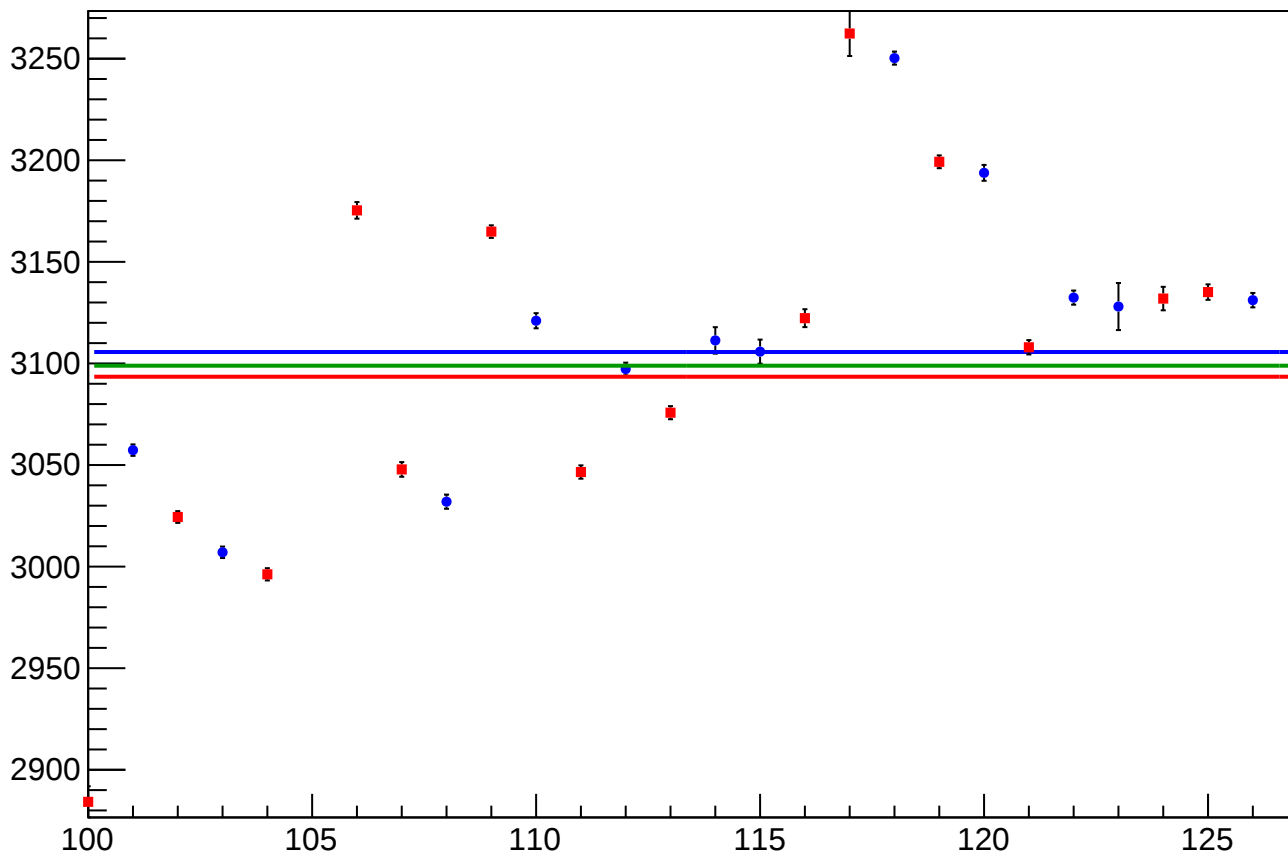
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.707 $\pm$ 1.500 χ^2 /NDF: 47.9/11

-5.291 $\pm$ 1.001 χ^2 /NDF: 190.3/26

3.092 $\pm$ 1.345 χ^2 /NDF: 55.4/14

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3105.626 $\pm$ 1.061 χ^2 /NDF: 4623.0/11

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

Right Out: 3093.464 $\pm$ 0.951 χ^2 /NDF: 5267.4/14

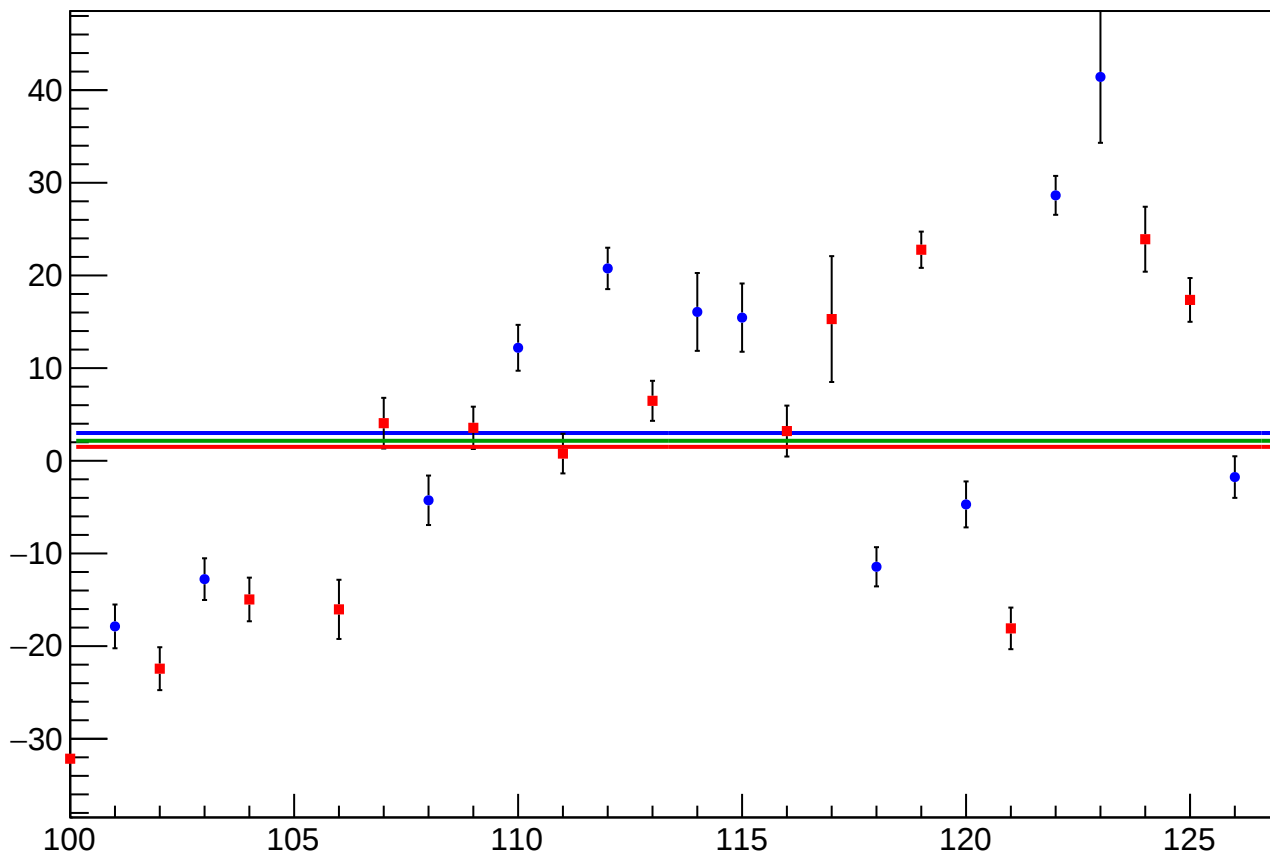
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3105.626 $\pm$ 1.061 χ^2 /NDF: 4623.0/11

3098.887 $\pm$ 0.708 χ^2 /NDF: 9963.2/26

3093.464 $\pm$ 0.951 χ^2 /NDF: 5267.4/14

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 2.998 $\pm$ 0.737 χ^2 /NDF: 471.8/11

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

Right Out: 1.502 $\pm$ 0.651 χ^2 /NDF: 515.3/14

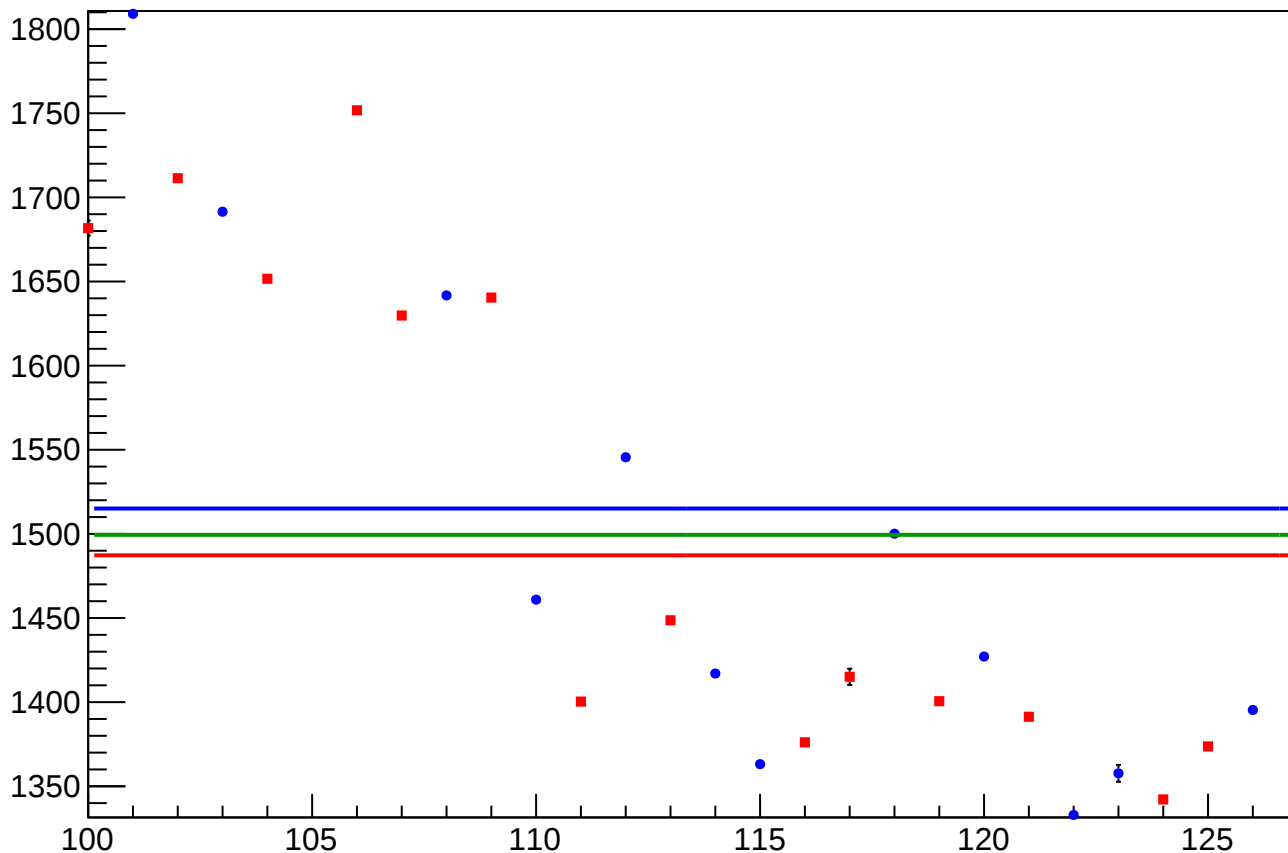
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.998 $\pm$ 0.737 χ^2 /NDF: 471.8/11

2.157 $\pm$ 0.488 χ^2 /NDF: 989.4/26

1.502 $\pm$ 0.651 χ^2 /NDF: 515.3/14

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1515.066 $\pm$ 0.521 χ^2 /NDF: 77953.6/11

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

Right Out: 1487.251 $\pm$ 0.460 χ^2 /NDF: 90922.9/14

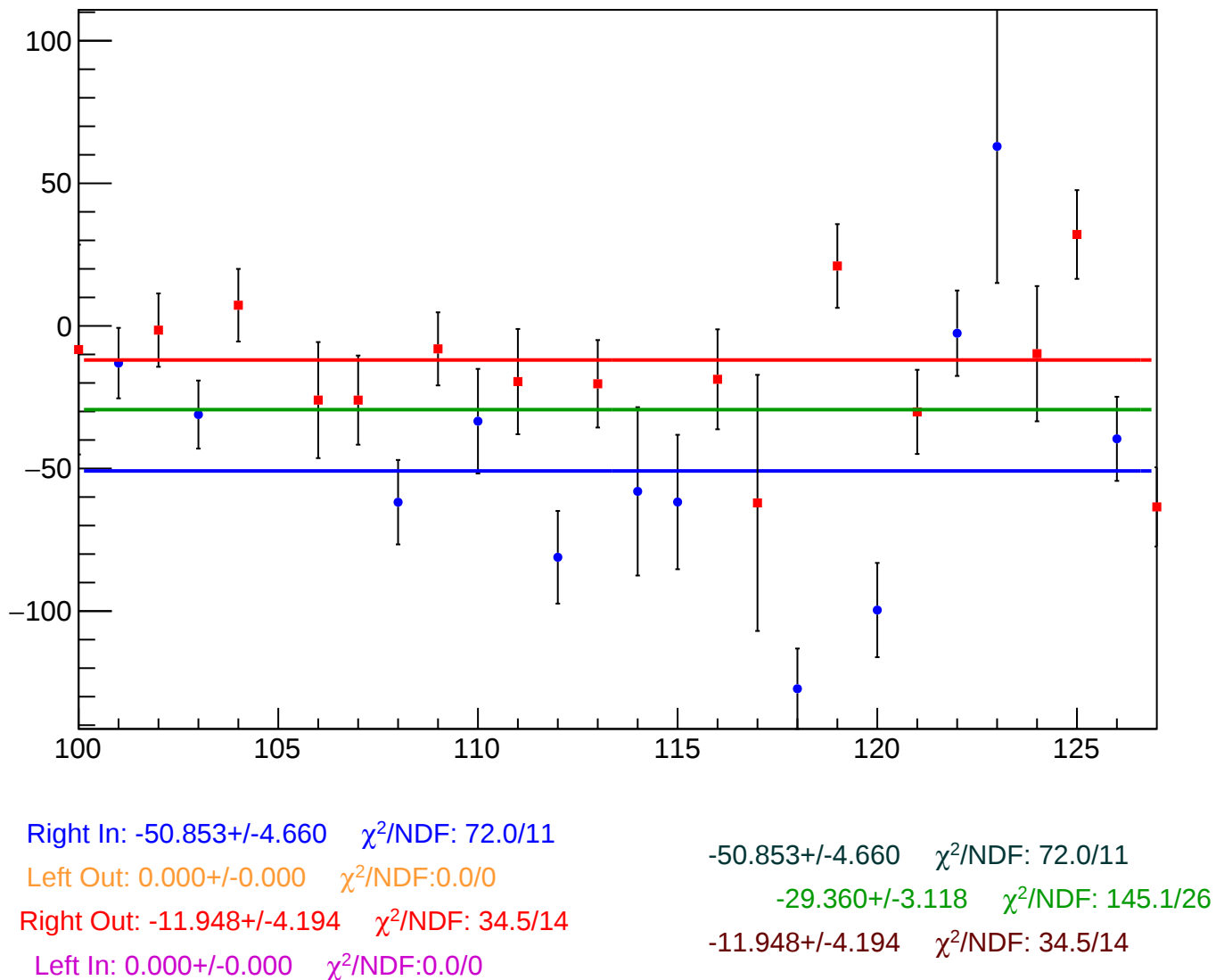
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1515.066 $\pm$ 0.521 χ^2 /NDF: 77953.6/11

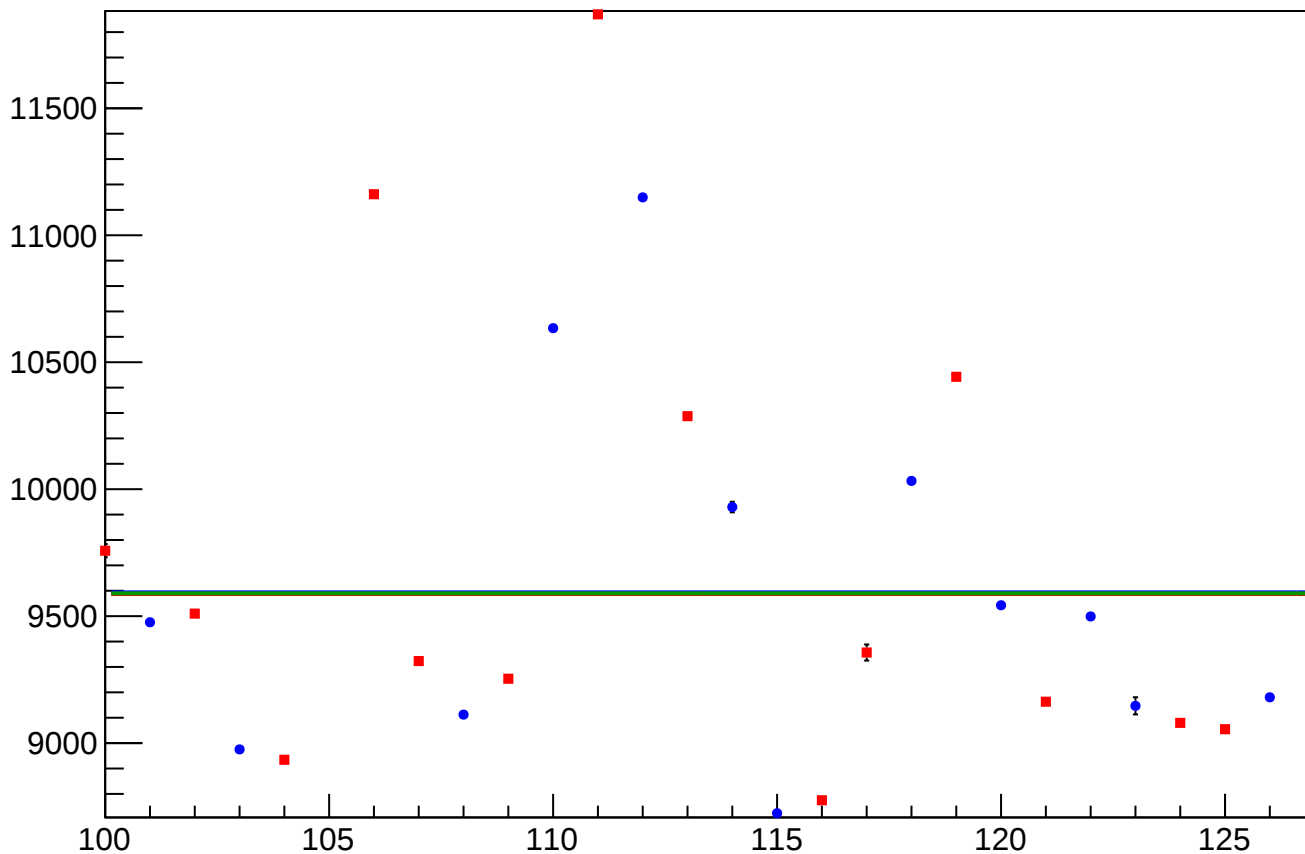
1499.437 $\pm$ 0.345 χ^2 /NDF: 170478.4/26

1487.251 $\pm$ 0.460 χ^2 /NDF: 90922.9/14

diff_bpm0l02X_mean vs Slug, Sign Corrected



diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9593.651 $\pm$ 3.295 χ^2 /NDF: 39211.4/11

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

Right Out: 9587.012 $\pm$ 2.966 χ^2 /NDF: 71925.5/14

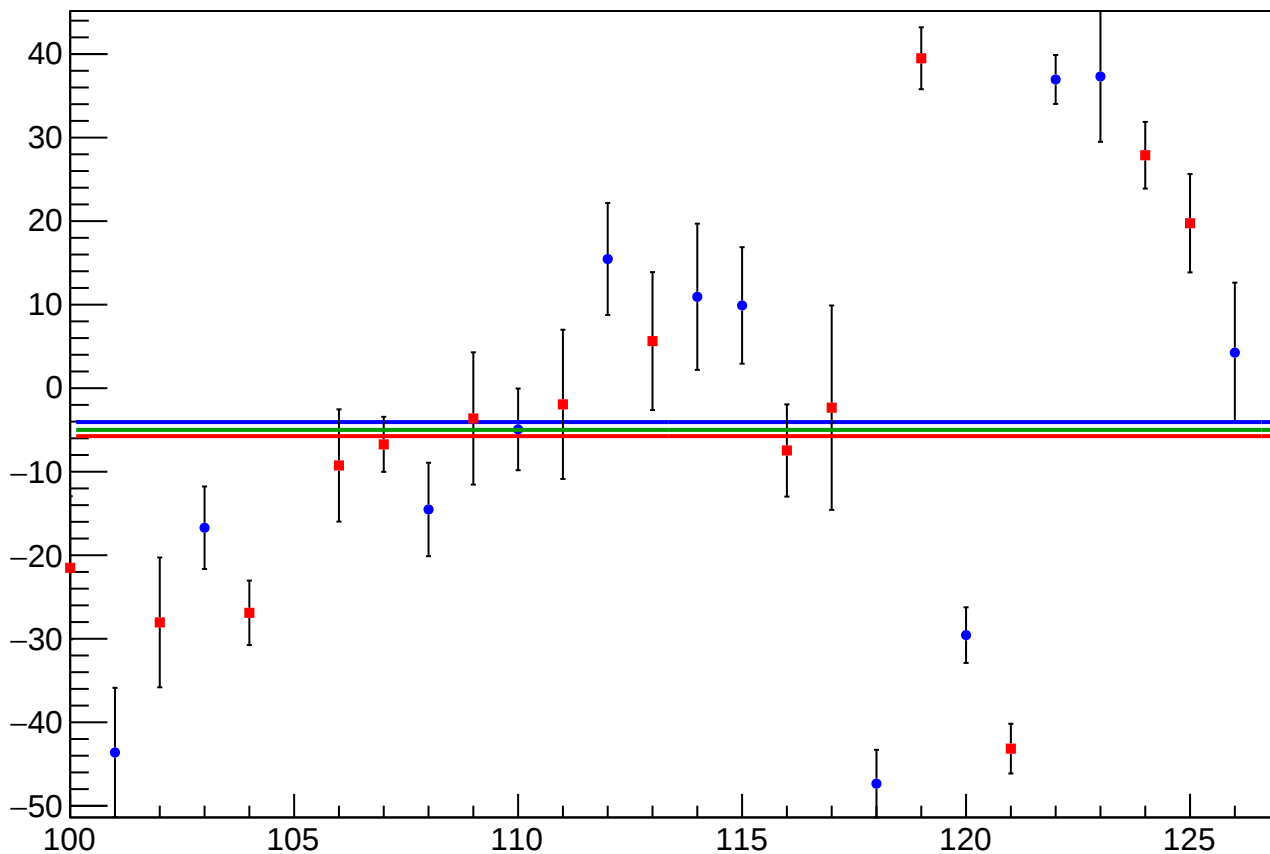
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9593.651 $\pm$ 3.295 χ^2 /NDF: 39211.4/11

9589.983 $\pm$ 2.204 χ^2 /NDF: 111139.1/26

9587.012 $\pm$ 2.966 χ^2 /NDF: 71925.5/14

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.057 ± 1.435 $\chi^2/\text{NDF}: 449.7/11$

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

Right Out: -5.742 ± 1.284 $\chi^2/\text{NDF}: 441.3/14$

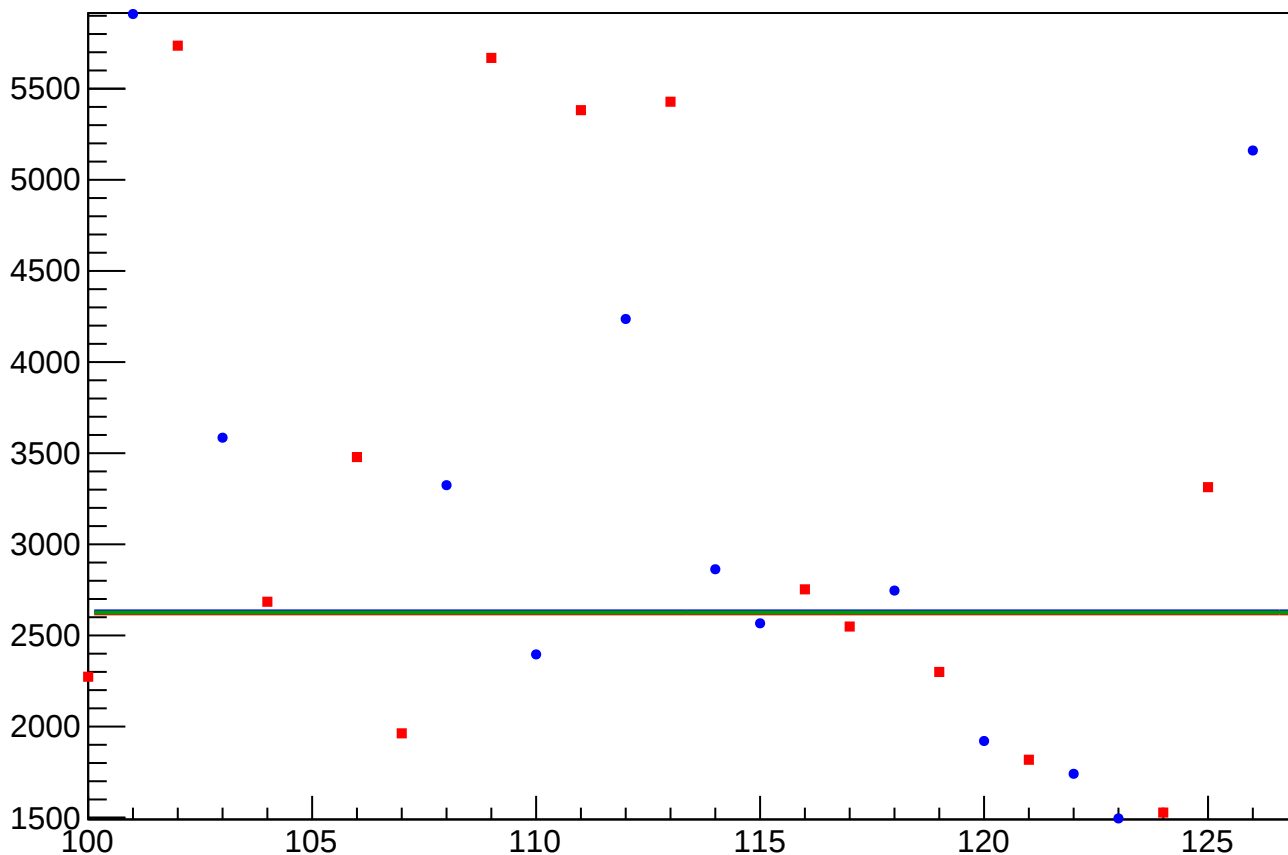
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.057 ± 1.435 $\chi^2/\text{NDF}: 449.7/11$

-4.993 ± 0.957 $\chi^2/\text{NDF}: 891.7/26$

-5.742 ± 1.284 $\chi^2/\text{NDF}: 441.3/14$

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2631.802+/-1.015 χ^2/NDF : 1086734.9/11

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

Right Out: 2621.153+/-0.908 χ^2/NDF : 1532424.6/14

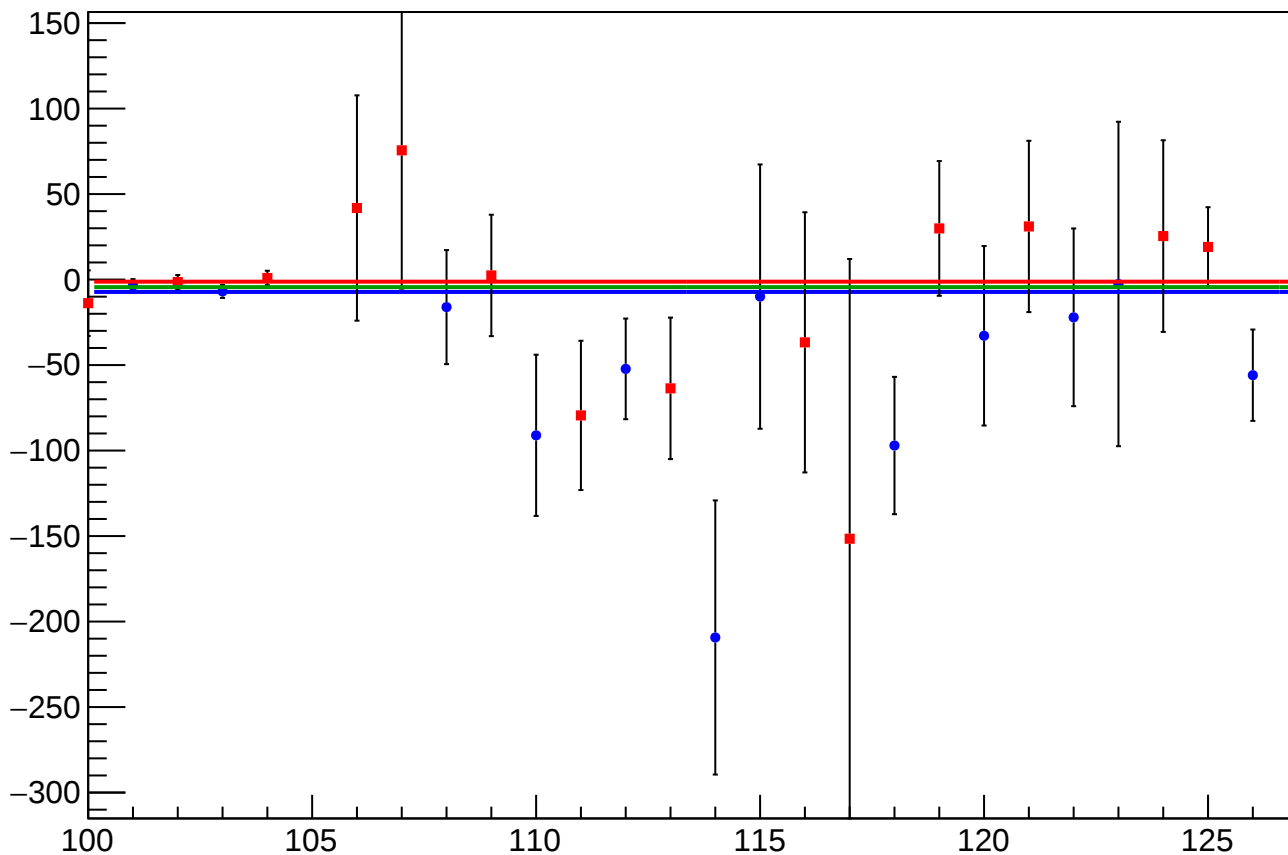
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2631.802+/-1.015 χ^2/NDF : 1086734.9/11

2625.889+/-0.677 χ^2/NDF : 2619220.6/26

2621.153+/-0.908 χ^2/NDF : 1532424.6/14

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.235+/-2.660 χ^2/NDF : 21.5/11

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

Right Out: -1.228+/-2.839 χ^2/NDF : 19.0/14

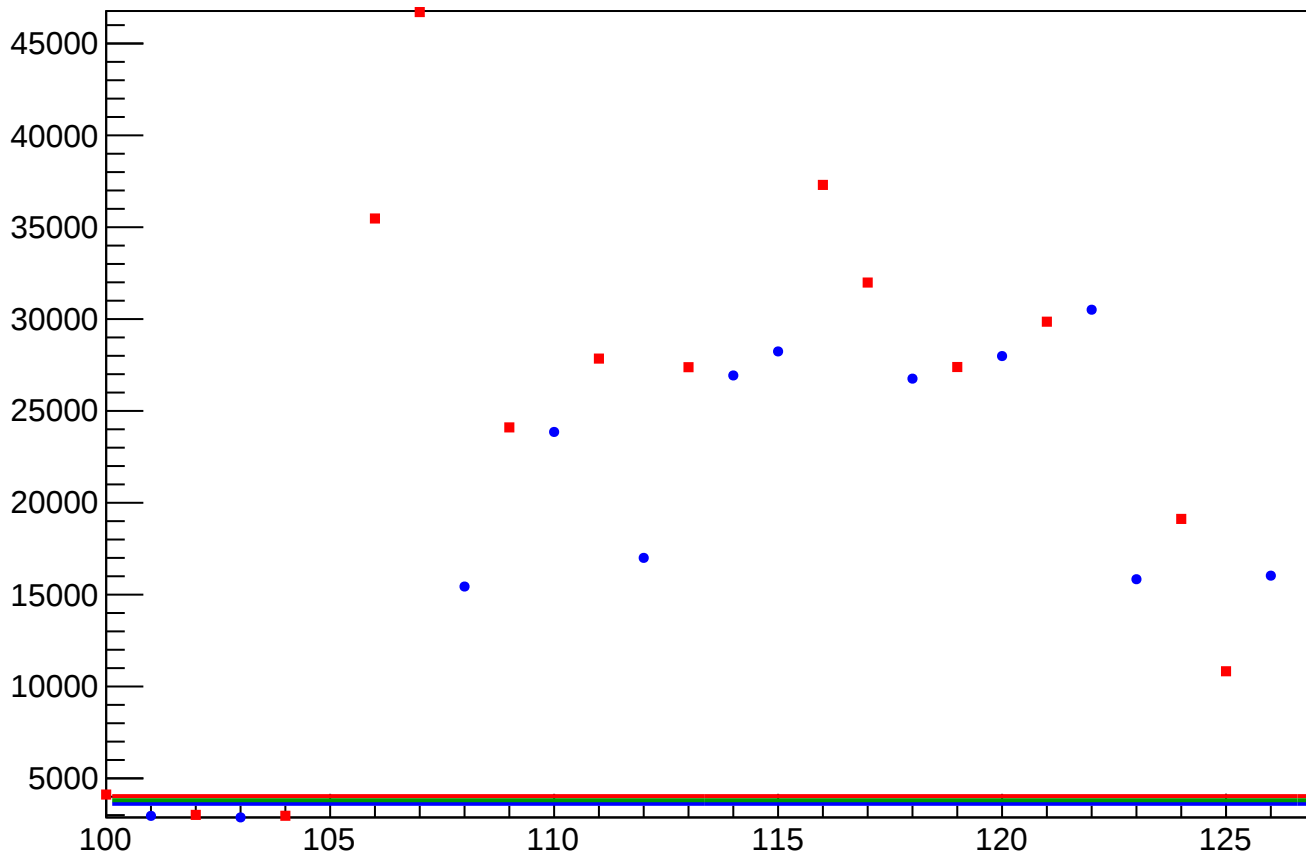
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.235+/-2.660 χ^2/NDF : 21.5/11

-4.427+/-1.941 χ^2/NDF : 42.8/26

-1.228+/-2.839 χ^2/NDF : 19.0/14

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3615.023+/-1.881 χ^2 /NDF: 3635508.3/11

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

Right Out: 4033.092+/-2.008 χ^2 /NDF: 5571936.9/14

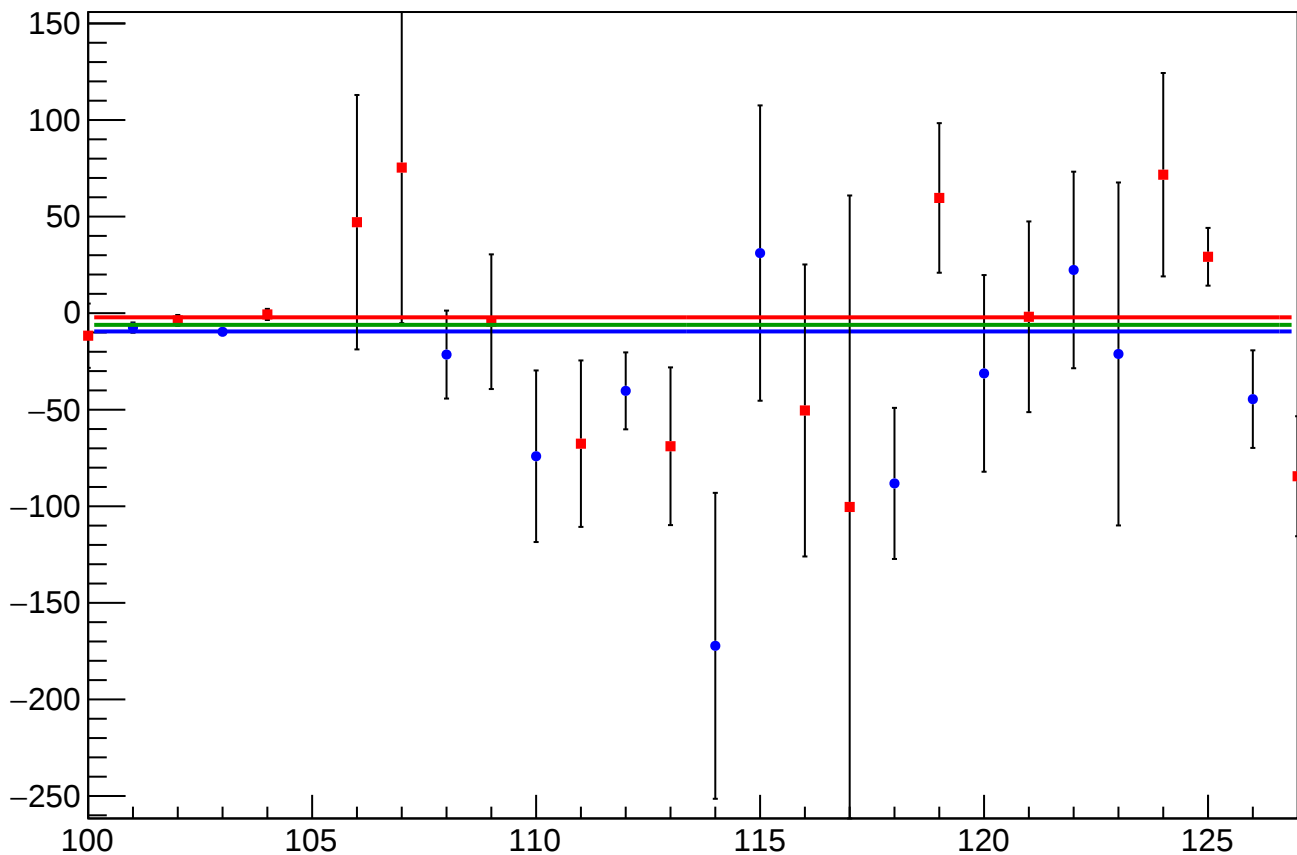
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3615.023+/-1.881 χ^2 /NDF: 3635508.3/11

3810.435+/-1.373 χ^2 /NDF: 9230542.2/26

4033.092+/-2.008 χ^2 /NDF: 5571936.9/14

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.463+/-1.830 χ^2/NDF : 16.4/11

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

Right Out: -2.157+/-1.962 χ^2/NDF : 24.1/14

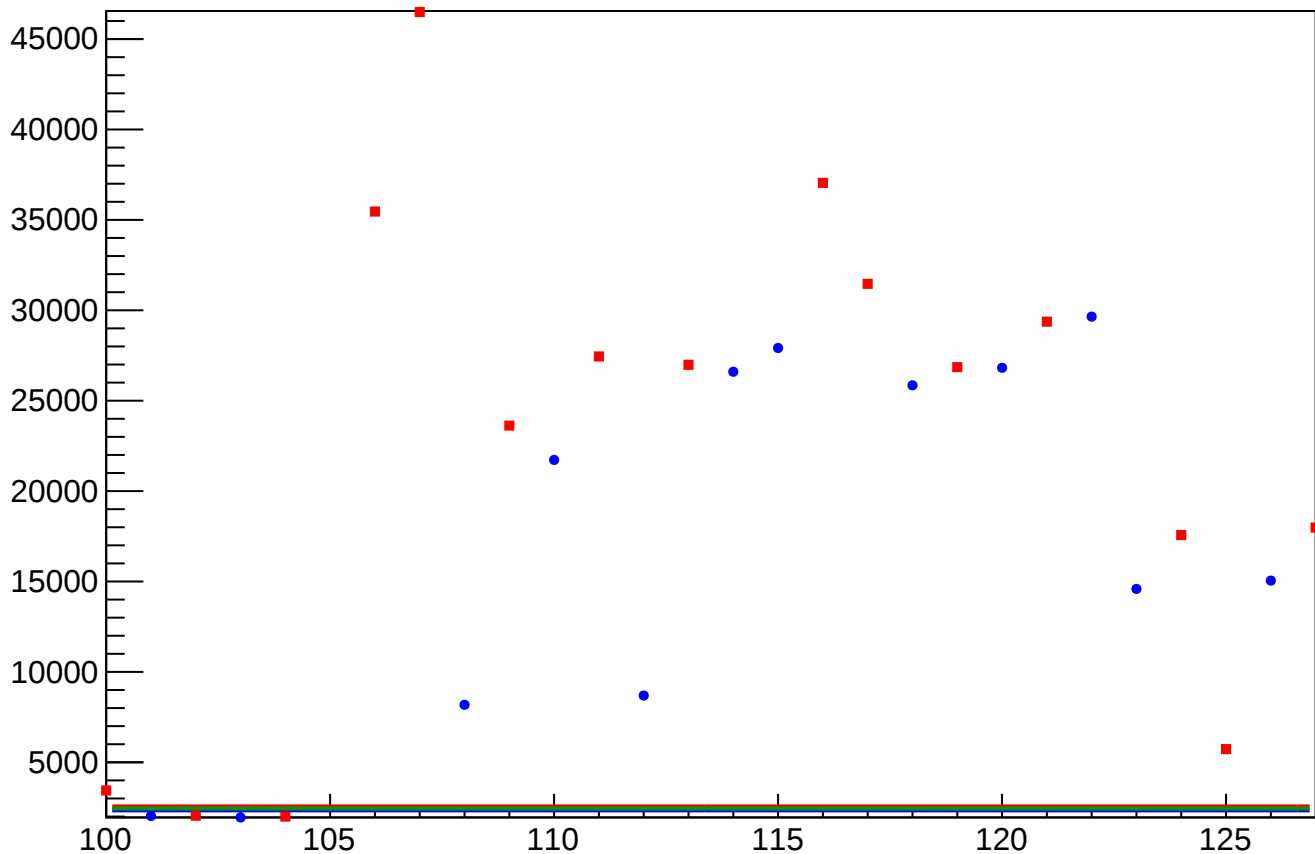
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.463+/-1.830 χ^2/NDF : 16.4/11

-6.063+/-1.338 χ^2/NDF : 47.9/26

-2.157+/-1.962 χ^2/NDF : 24.1/14

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2342.406 $\pm$ 1.294 χ^2 /NDF: 3504213.2/11

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

Right Out: 2561.384 $\pm$ 1.387 χ^2 /NDF: 5957878.0/14

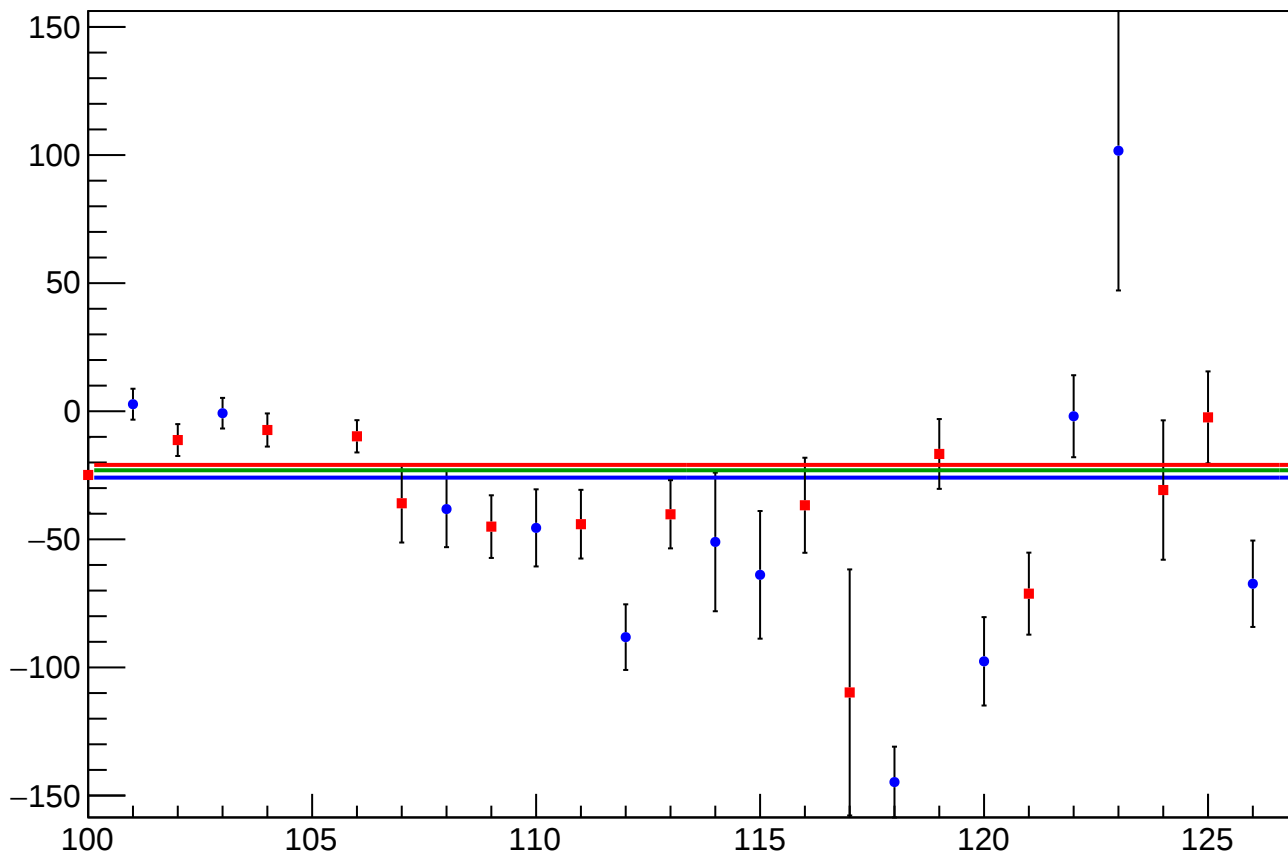
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2342.406 $\pm$ 1.294 χ^2 /NDF: 3504213.2/11

2444.309 $\pm$ 0.946 χ^2 /NDF: 9475414.8/26

2561.384 $\pm$ 1.387 χ^2 /NDF: 5957878.0/14

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -25.904 ± 3.337 χ^2/NDF : 174.4/11

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

Right Out: -20.940 ± 2.853 χ^2/NDF : 41.8/14

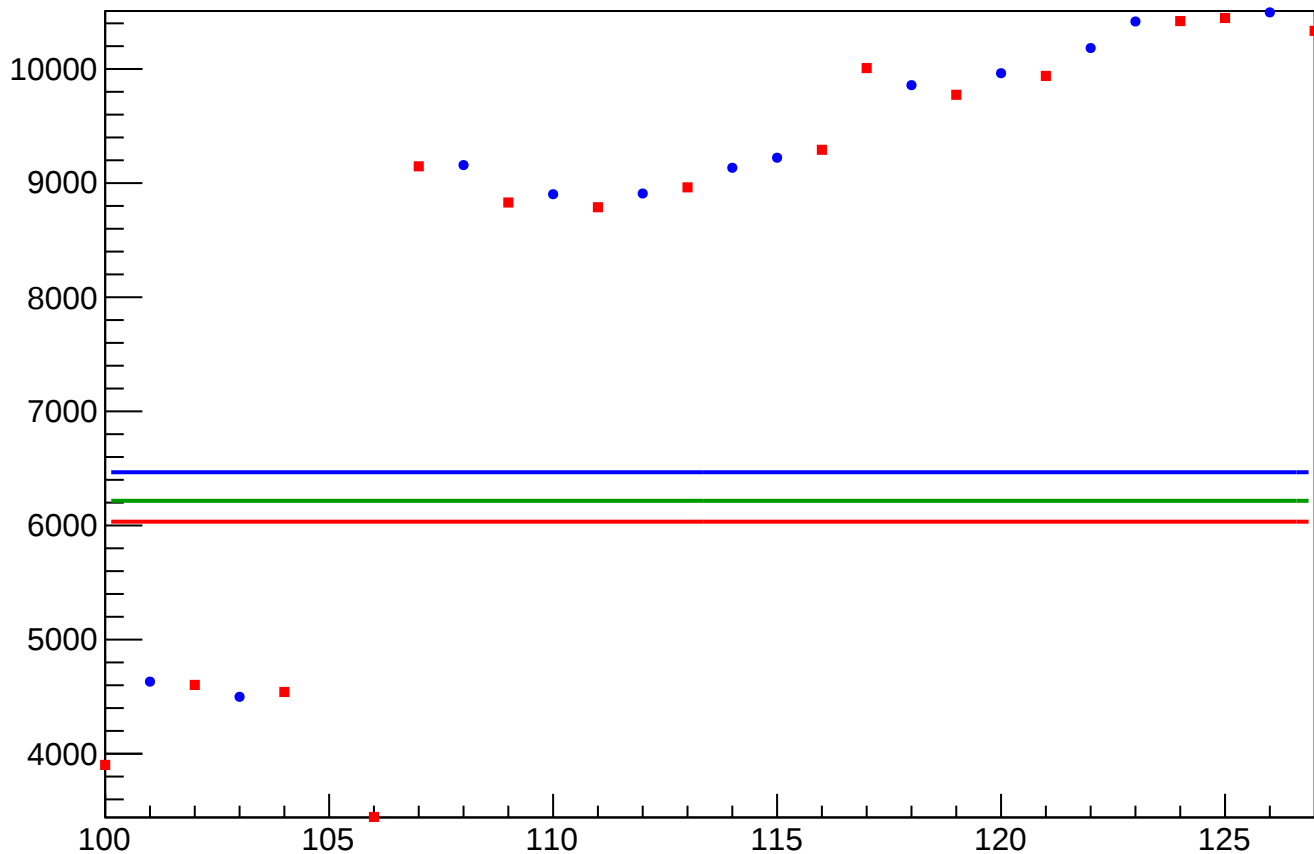
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-25.904 ± 3.337 χ^2/NDF : 174.4/11

-23.036 ± 2.169 χ^2/NDF : 217.5/26

-20.940 ± 2.853 χ^2/NDF : 41.8/14

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6466.538+/-2.360 χ^2/NDF : 1071214.1/11

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

Right Out: 6033.285+/-2.017 χ^2/NDF : 1629313.7/14

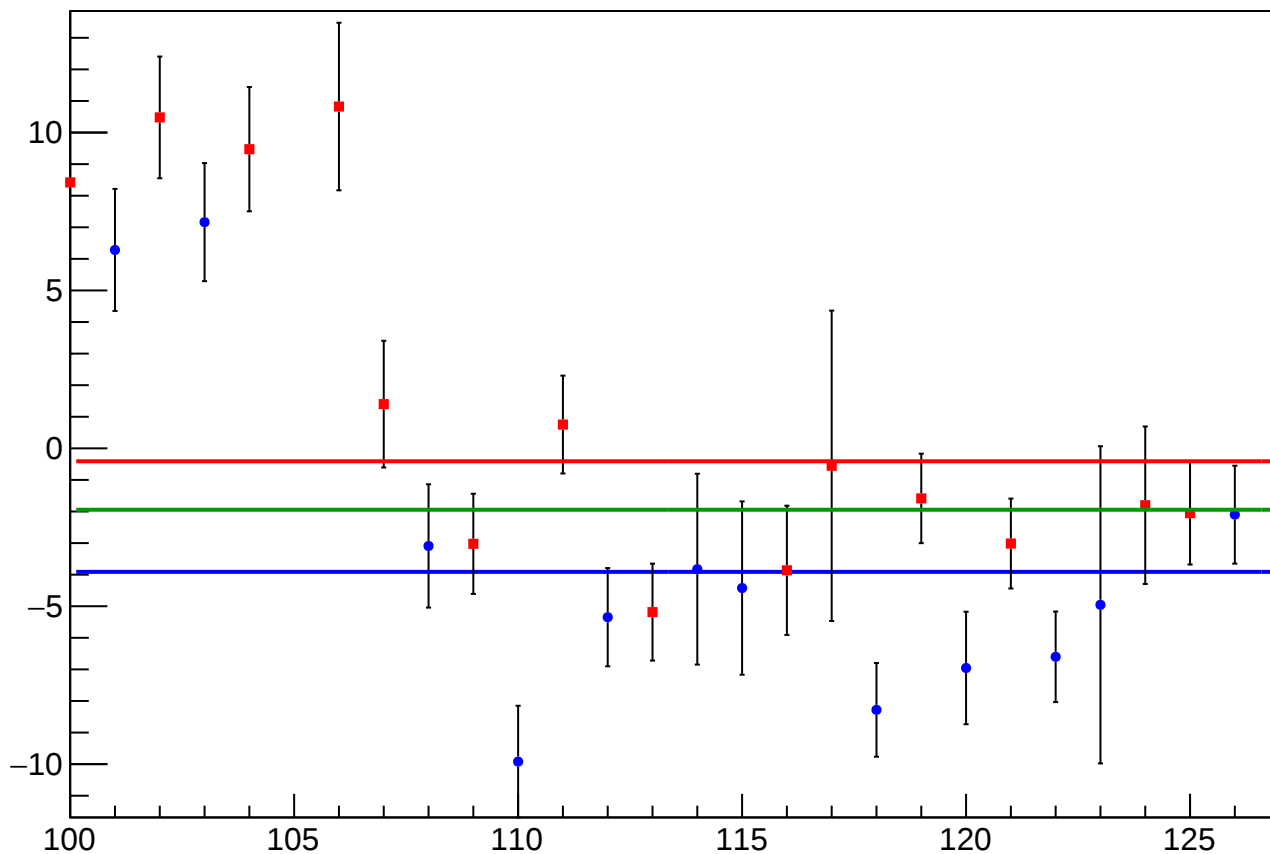
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6466.538+/-2.360 χ^2/NDF : 1071214.1/11

6216.214+/-1.533 χ^2/NDF : 2720002.8/26

6033.285+/-2.017 χ^2/NDF : 1629313.7/14

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.911+/-0.534 χ^2/NDF : 92.0/11

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

Right Out: -0.409+/-0.472 χ^2/NDF : 105.7/14

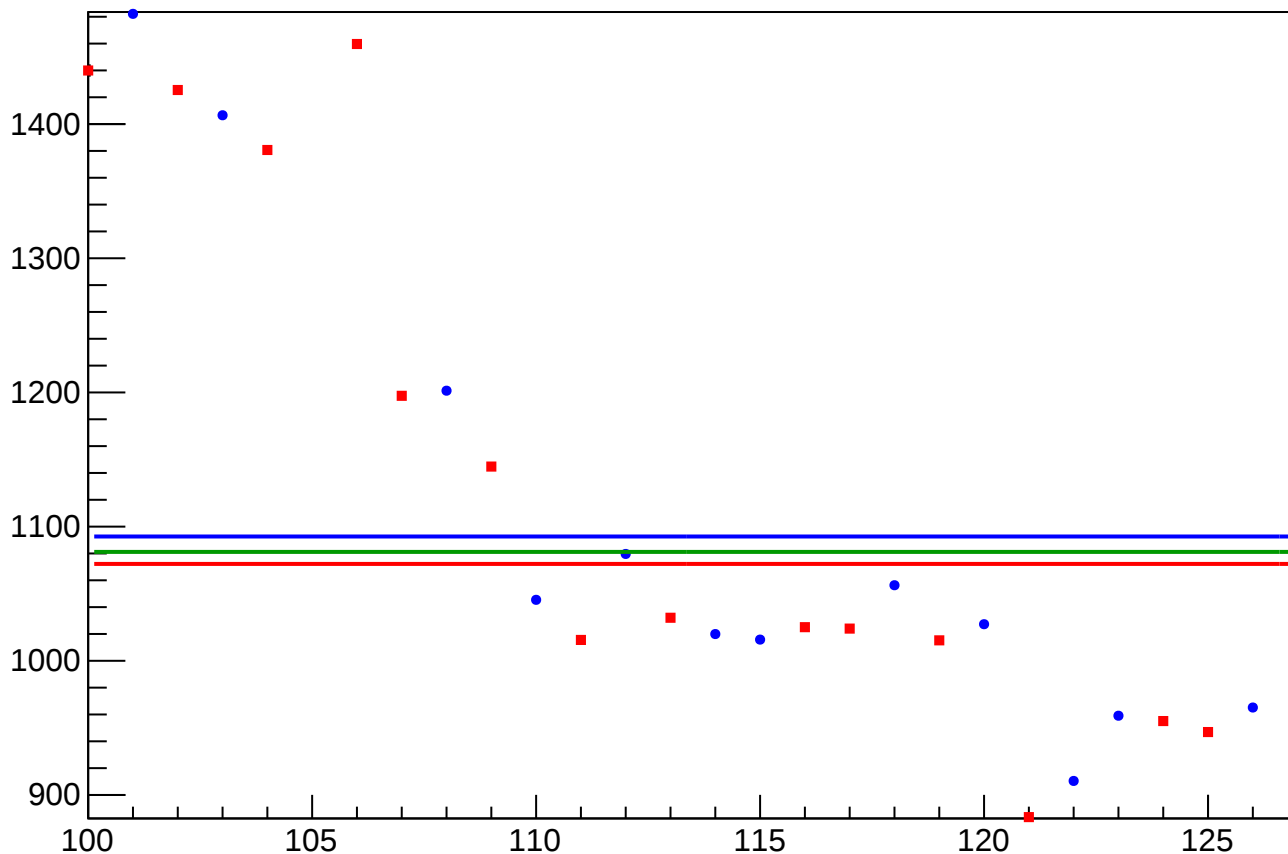
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.911+/-0.534 χ^2/NDF : 92.0/11

-1.945+/-0.354 χ^2/NDF : 221.8/26

-0.409+/-0.472 χ^2/NDF : 105.7/14

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1092.643 $\pm$ 0.378 χ^2 /NDF: 199260.2/11

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

Right Out: 1072.203 $\pm$ 0.334 χ^2 /NDF: 255278.1/14

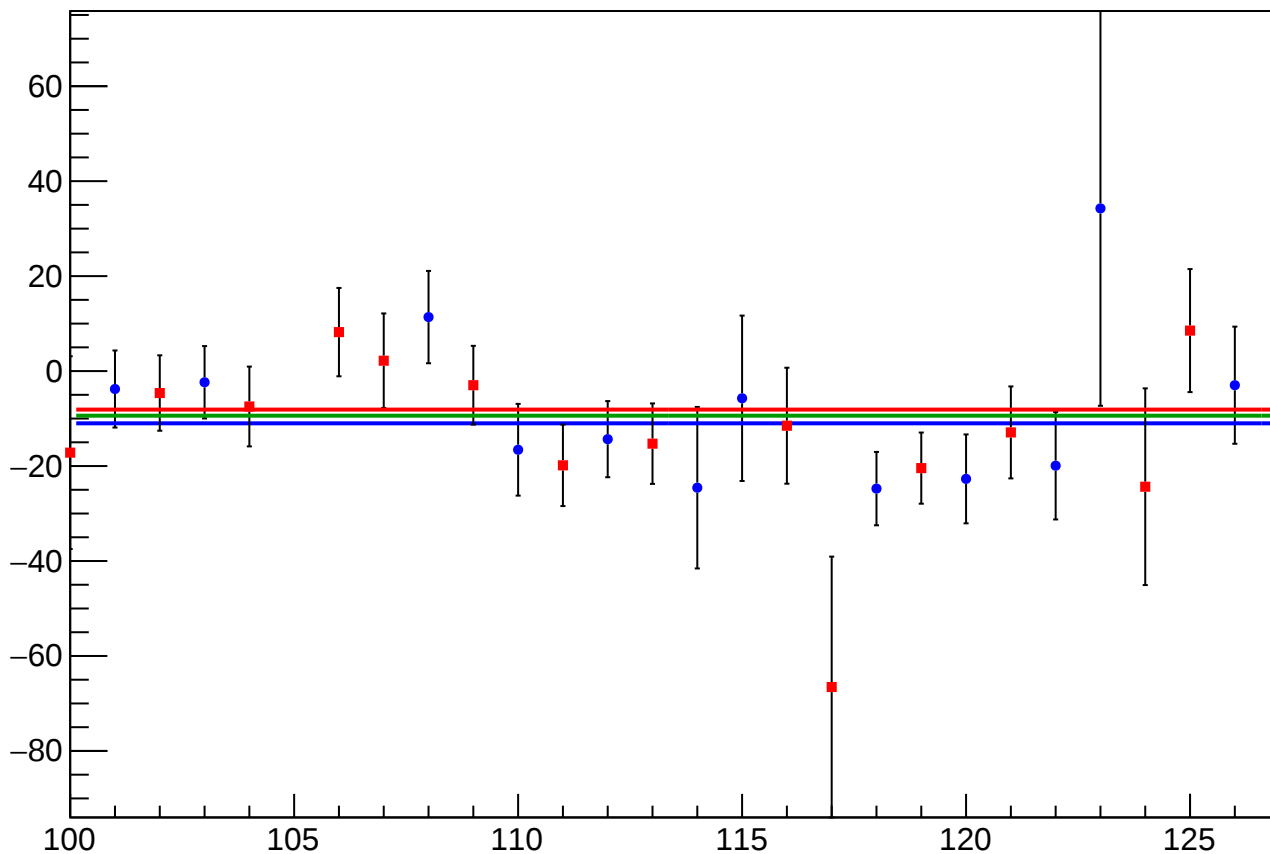
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1092.643 $\pm$ 0.378 χ^2 /NDF: 199260.2/11

1081.164 $\pm$ 0.250 χ^2 /NDF: 456182.3/26

1072.203 $\pm$ 0.334 χ^2 /NDF: 255278.1/14

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.002 ± 2.897 $\chi^2/\text{NDF}: 15.6/11$

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

Right Out: -8.110 ± 2.590 $\chi^2/\text{NDF}: 20.5/14$

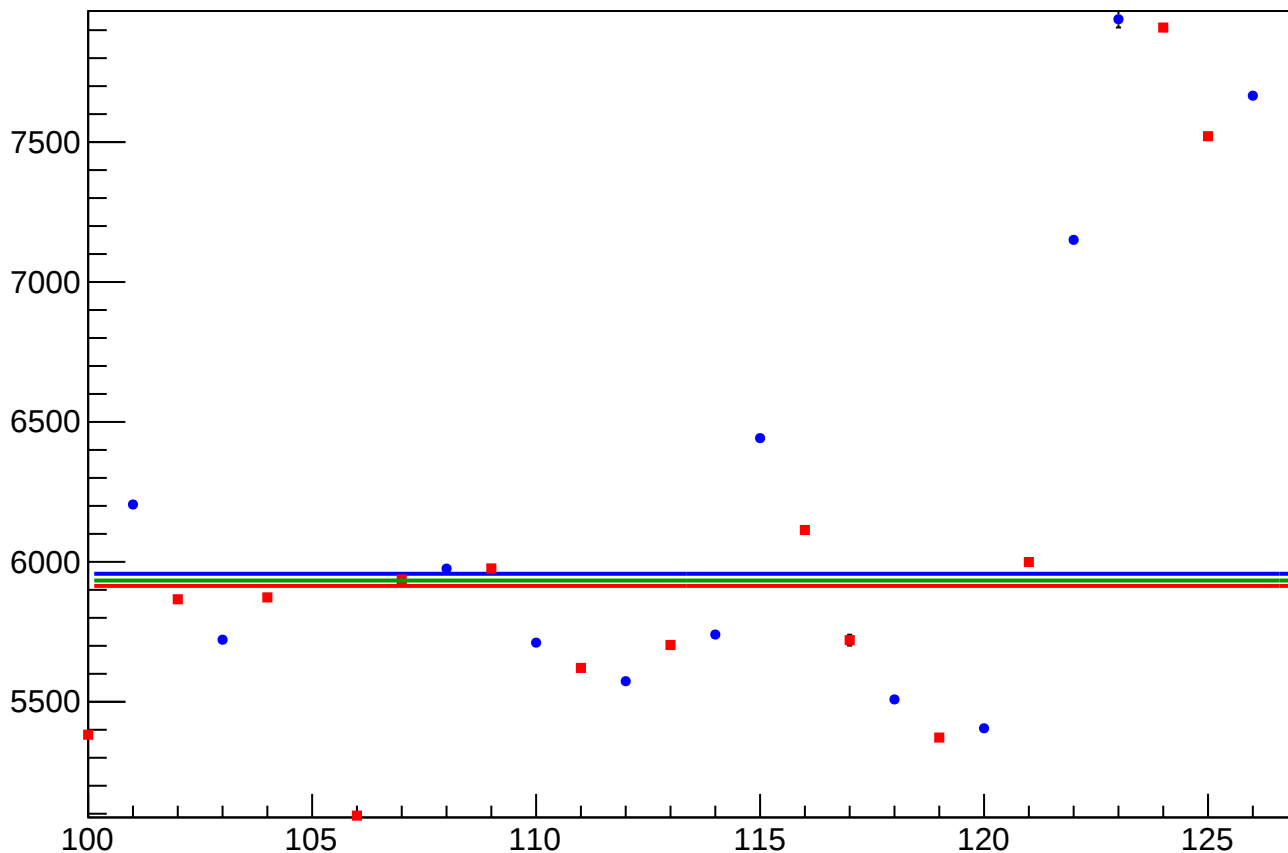
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-11.002 ± 2.897 $\chi^2/\text{NDF}: 15.6/11$

-9.395 ± 1.931 $\chi^2/\text{NDF}: 36.6/26$

-8.110 ± 2.590 $\chi^2/\text{NDF}: 20.5/14$

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5957.479+/-2.049 χ^2 /NDF: 90371.9/11

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

Right Out: 5914.109+/-1.832 χ^2 /NDF: 113038.4/14

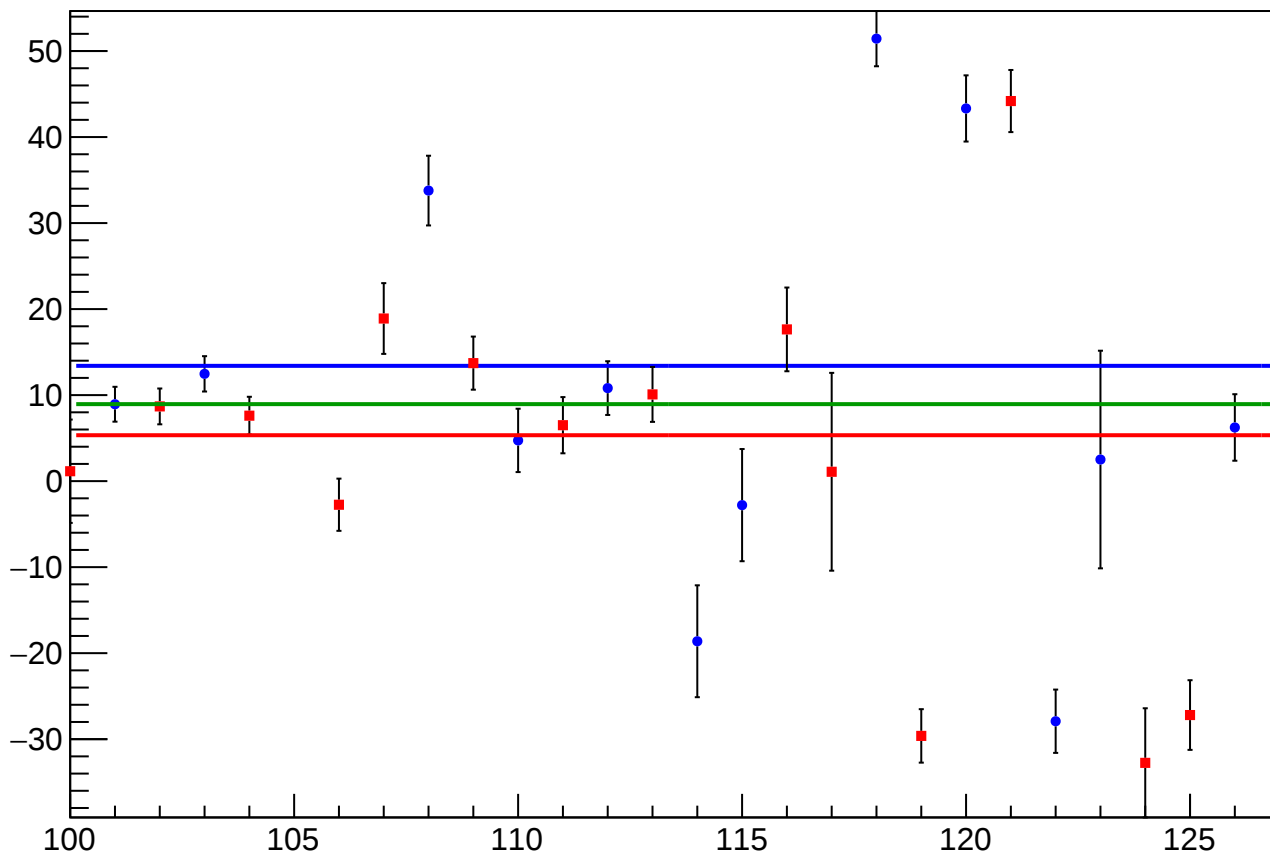
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

5957.479+/-2.049 χ^2 /NDF: 90371.9/11

5933.374+/-1.365 χ^2 /NDF: 203659.4/26

5914.109+/-1.832 χ^2 /NDF: 113038.4/14

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.402+/-0.964 χ^2 /NDF: 397.9/11

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

Right Out: 5.337+/-0.869 χ^2 /NDF: 385.3/14

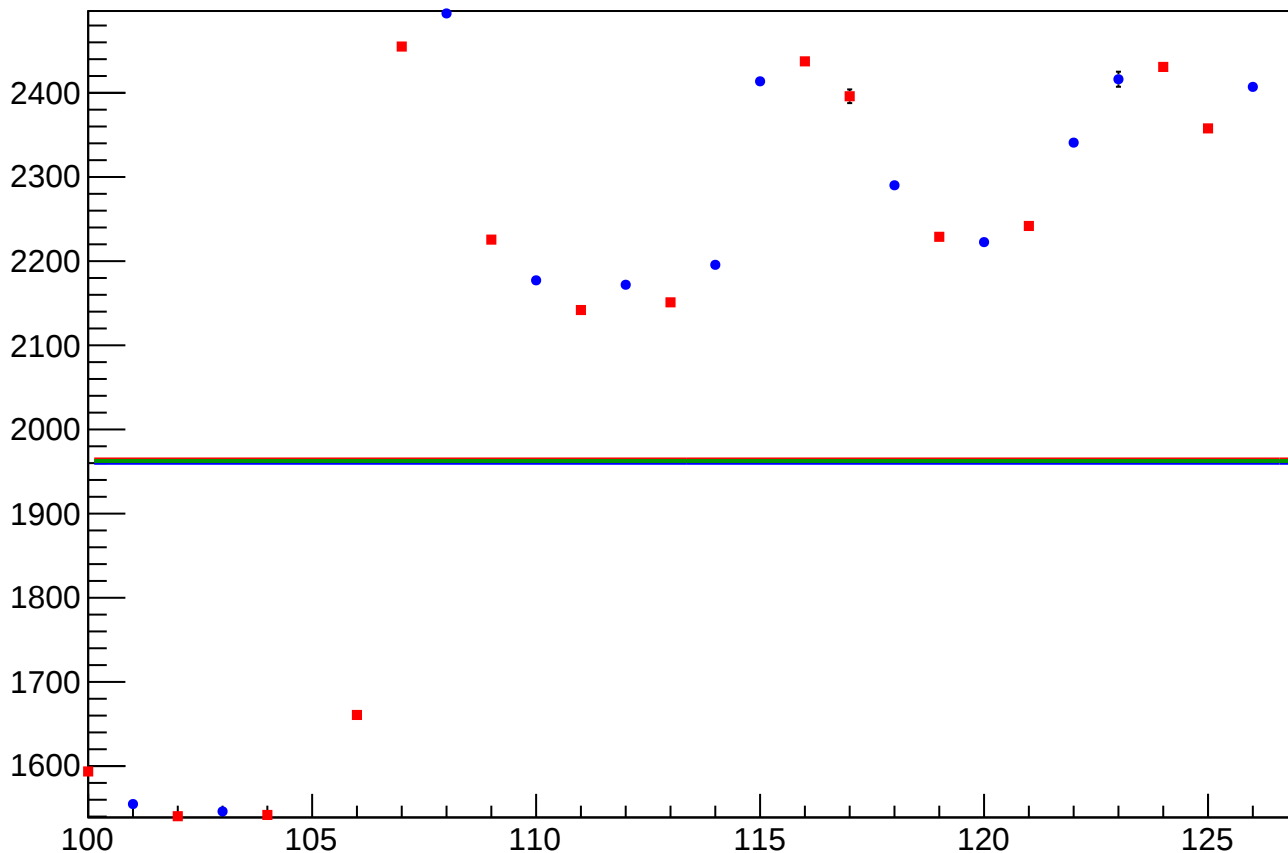
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

13.402+/-0.964 χ^2 /NDF: 397.9/11

8.951+/-0.645 χ^2 /NDF: 821.9/26

5.337+/-0.869 χ^2 /NDF: 385.3/14

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1960.412+/-0.682 χ^2/NDF : 305545.1/11

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

Right Out: 1964.339+/-0.614 χ^2/NDF : 339808.4/14

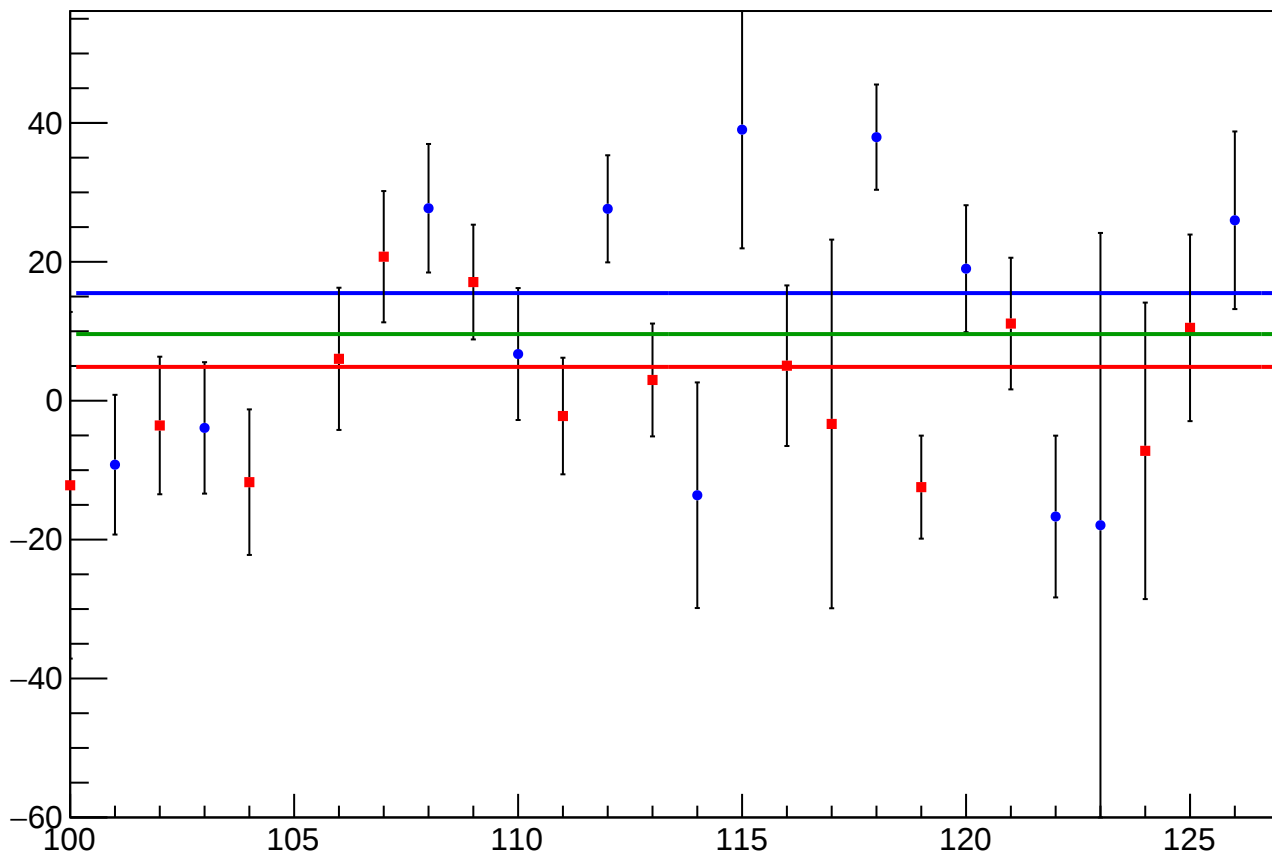
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1960.412+/-0.682 χ^2/NDF : 305545.1/11

1962.579+/-0.456 χ^2/NDF : 645371.7/26

1964.339+/-0.614 χ^2/NDF : 339808.4/14

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.497 $\pm$ 2.998 χ^2 /NDF: 38.3/11

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

Right Out: 4.870 $\pm$ 2.683 χ^2 /NDF: 26.3/14

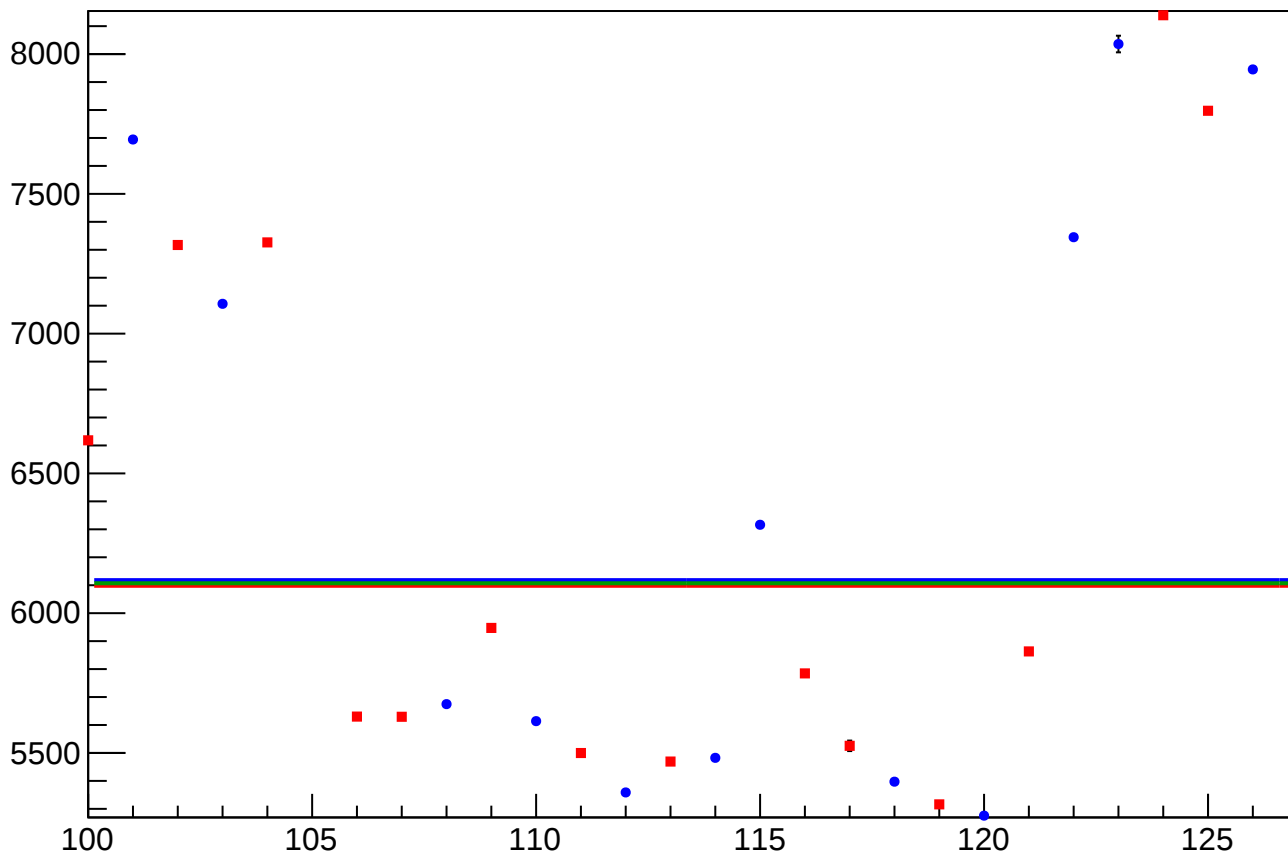
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.497 $\pm$ 2.998 χ^2 /NDF: 38.3/11

9.596 $\pm$ 1.999 χ^2 /NDF: 71.6/26

4.870 $\pm$ 2.683 χ^2 /NDF: 26.3/14

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6118.215 $\pm$ 2.120 χ^2 /NDF: 206131.9/11

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

Right Out: 6098.037 $\pm$ 1.897 χ^2 /NDF: 203022.8/14

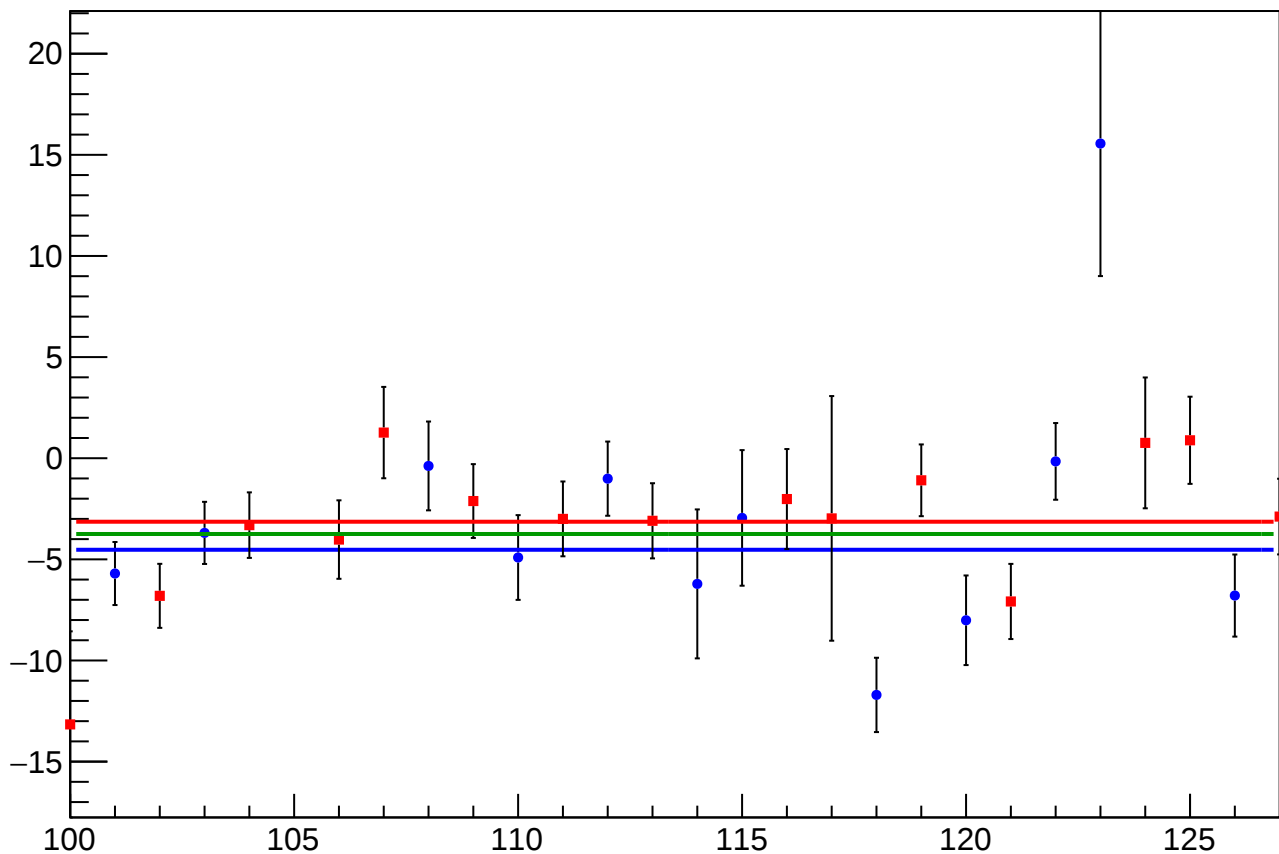
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6118.215 $\pm$ 2.120 χ^2 /NDF: 206131.9/11

6107.010 $\pm$ 1.414 χ^2 /NDF: 409205.1/26

6098.037 $\pm$ 1.897 χ^2 /NDF: 203022.8/14

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.526+/-0.600 χ^2 /NDF: 42.2/11

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

Right Out: -3.140+/-0.529 χ^2 /NDF: 25.5/14

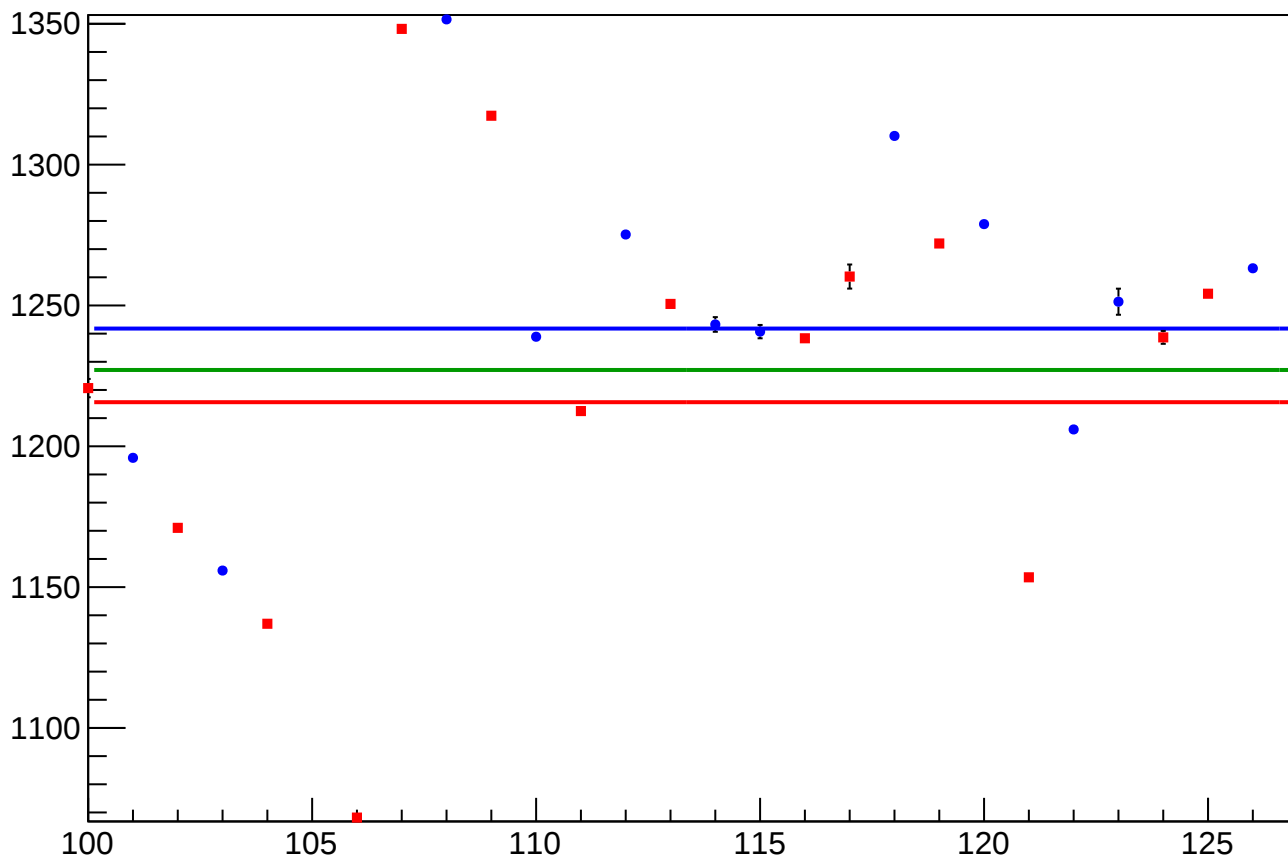
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.526+/-0.600 χ^2 /NDF: 42.2/11

-3.746+/-0.397 χ^2 /NDF: 70.7/26

-3.140+/-0.529 χ^2 /NDF: 25.5/14

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1241.801 $\pm$ 0.424 χ^2 /NDF: 17928.4/11

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

Right Out: 1215.659 $\pm$ 0.374 χ^2 /NDF: 37176.8/14

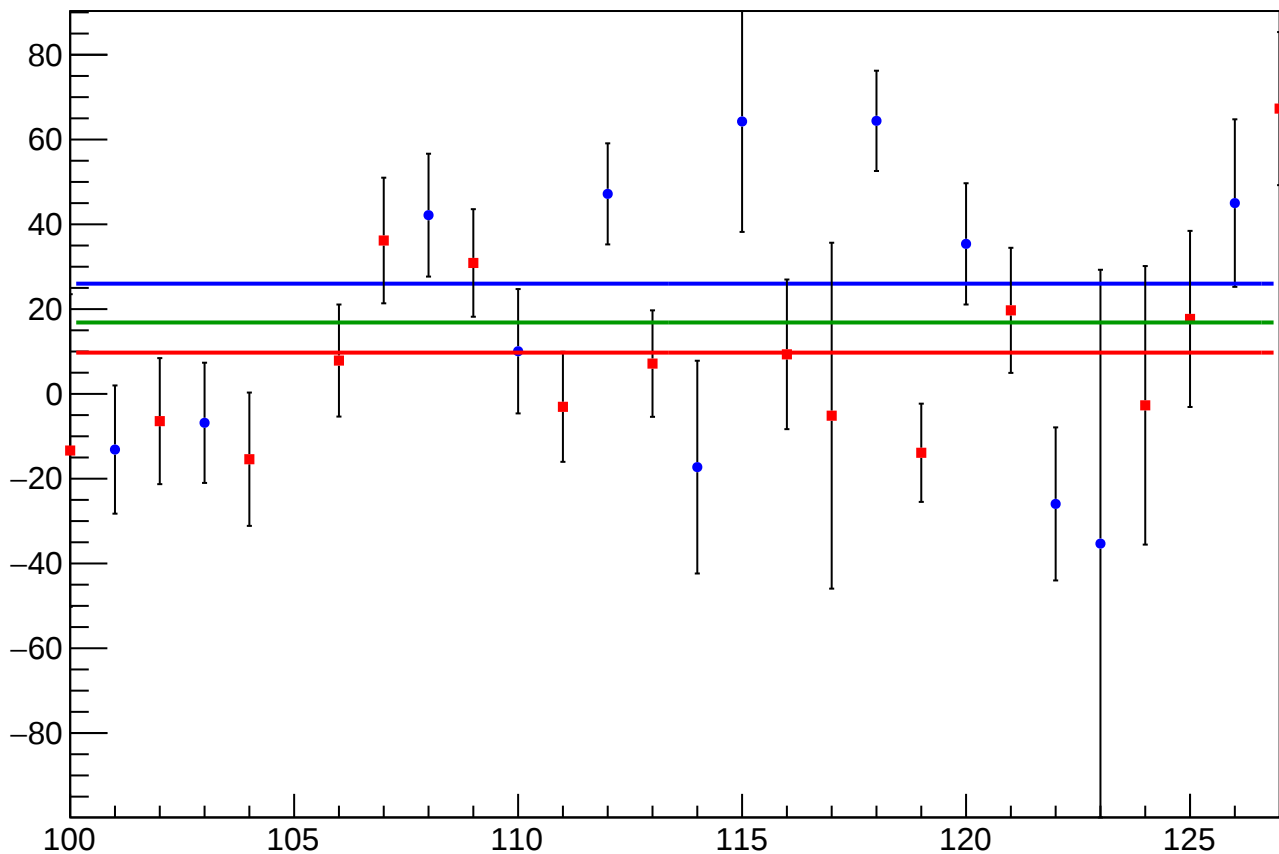
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1241.801 $\pm$ 0.424 χ^2 /NDF: 17928.4/11

1227.098 $\pm$ 0.281 χ^2 /NDF: 57238.3/26

1215.659 $\pm$ 0.374 χ^2 /NDF: 37176.8/14

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 26.005 $\pm$ 4.625 χ^2 /NDF: 43.8/11

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

Right Out: 9.739 $\pm$ 4.074 χ^2 /NDF: 26.3/14

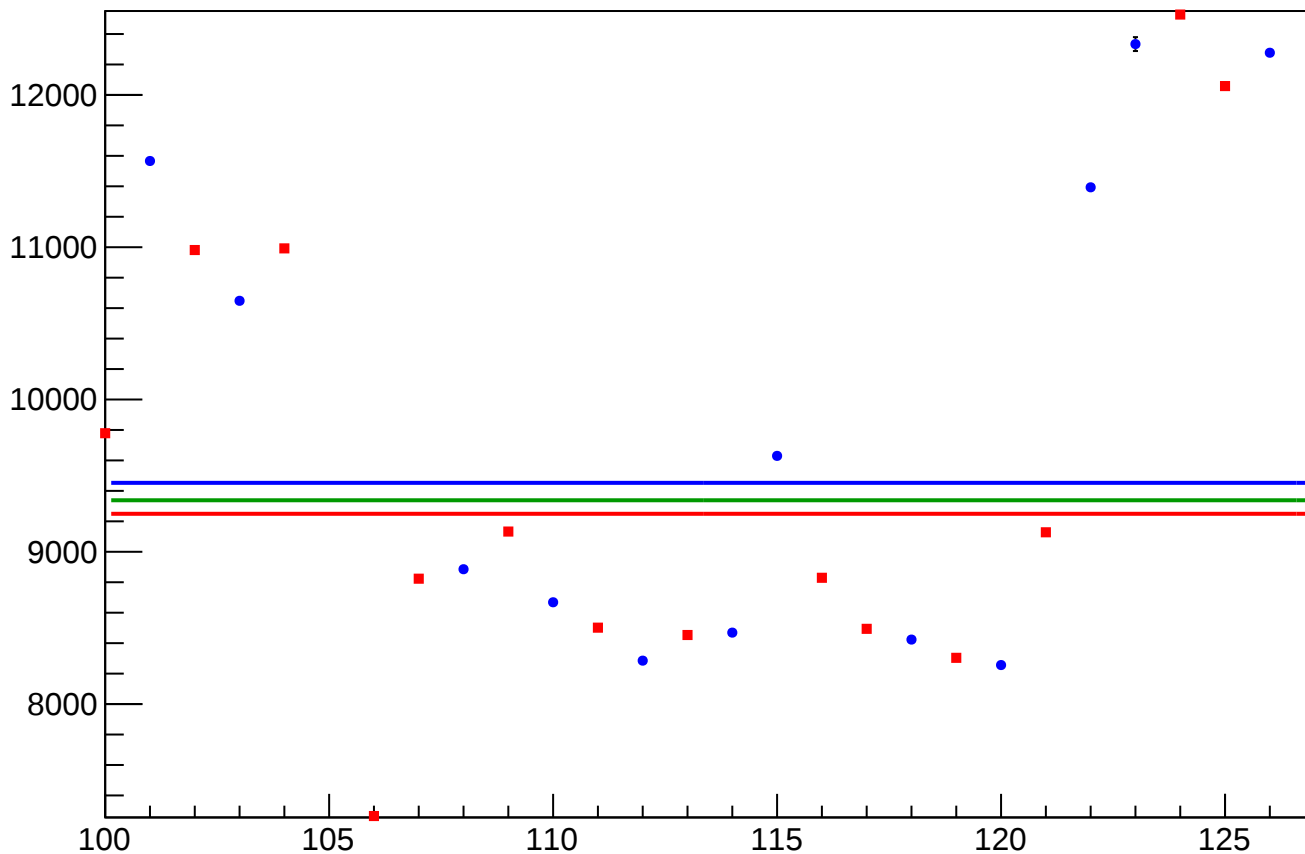
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.005 $\pm$ 4.625 χ^2 /NDF: 43.8/11

16.847 $\pm$ 3.057 χ^2 /NDF: 77.1/26

9.739 $\pm$ 4.074 χ^2 /NDF: 26.3/14

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9452.761+/-3.270 χ^2/NDF : 181499.4/11

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

Right Out: 9249.485+/-2.881 χ^2/NDF : 228208.8/14

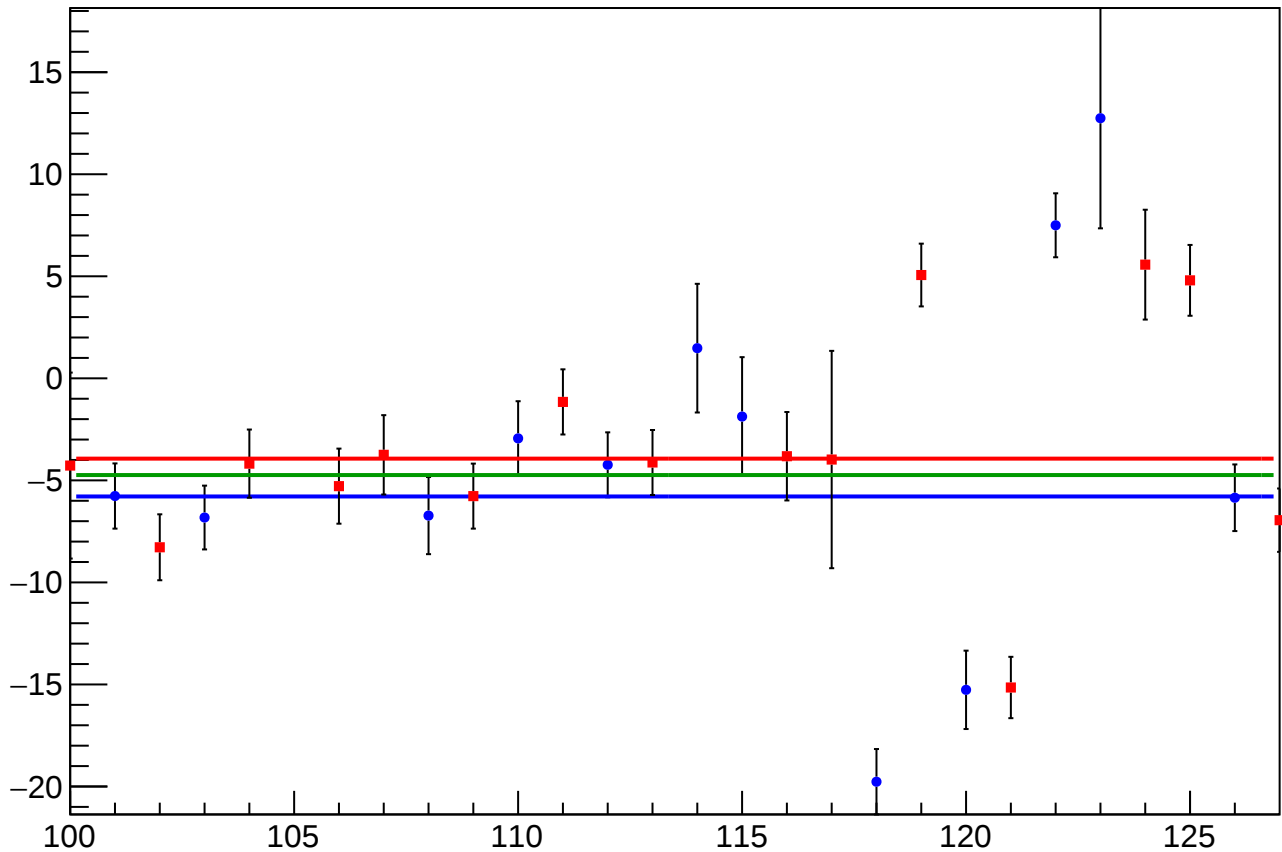
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9452.761+/-3.270 χ^2/NDF : 181499.4/11

9338.315+/-2.162 χ^2/NDF : 411883.8/26

9249.485+/-2.881 χ^2/NDF : 228208.8/14

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.789+/-0.537 χ^2/NDF : 195.3/11

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

Right Out: -3.935+/-0.470 χ^2/NDF : 143.7/14

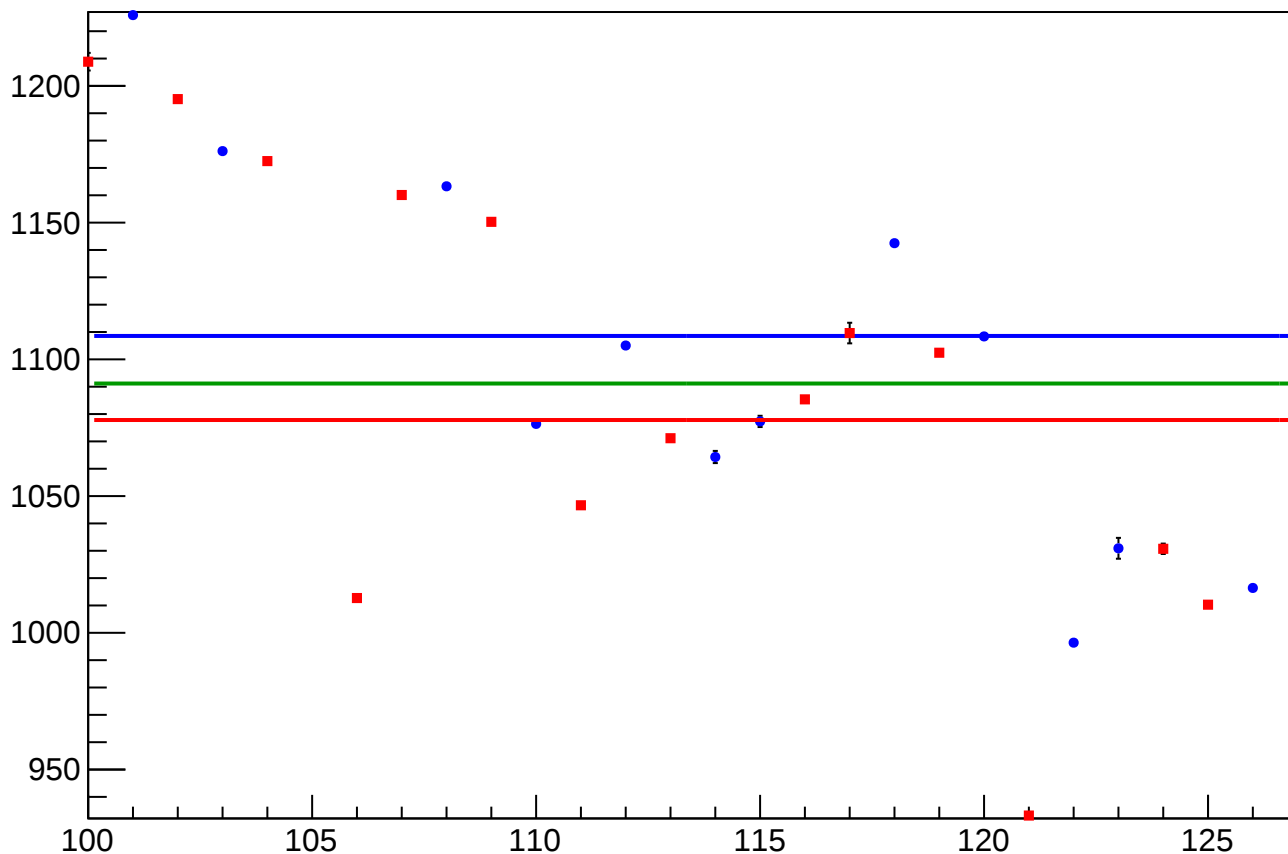
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.789+/-0.537 χ^2/NDF : 195.3/11

-4.739+/-0.353 χ^2/NDF : 345.7/26

-3.935+/-0.470 χ^2/NDF : 143.7/14

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1108.561 $\pm$ 0.379 χ^2 /NDF: 35385.7/11

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

Right Out: 1077.819 $\pm$ 0.332 χ^2 /NDF: 54684.9/14

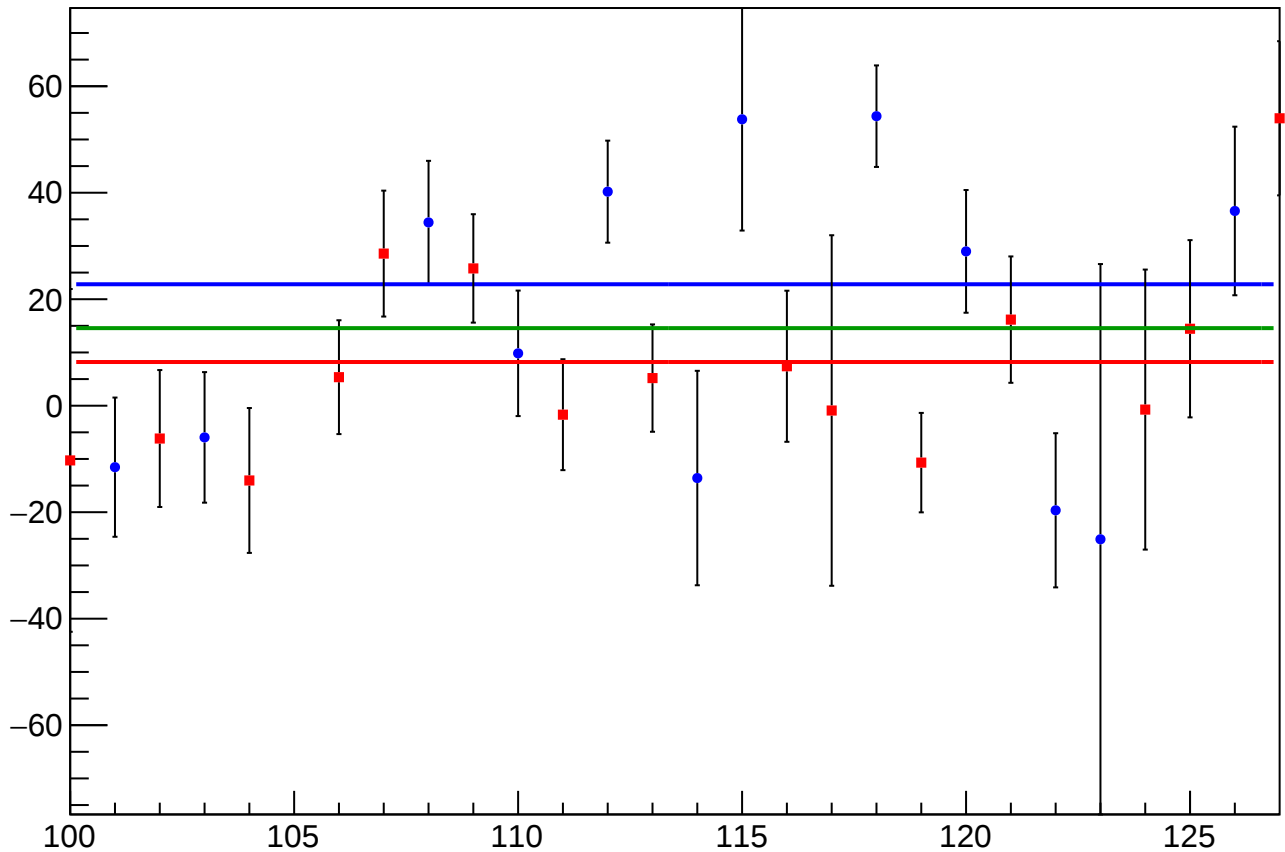
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1108.561 $\pm$ 0.379 χ^2 /NDF: 35385.7/11

1091.62 $\pm$ 0.250 χ^2 /NDF: 93786.8/26

1077.819 $\pm$ 0.332 χ^2 /NDF: 54684.9/14

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.809+/-3.766 χ^2 /NDF: 44.8/11

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

Right Out: 8.206+/-3.309 χ^2 /NDF: 26.1/14

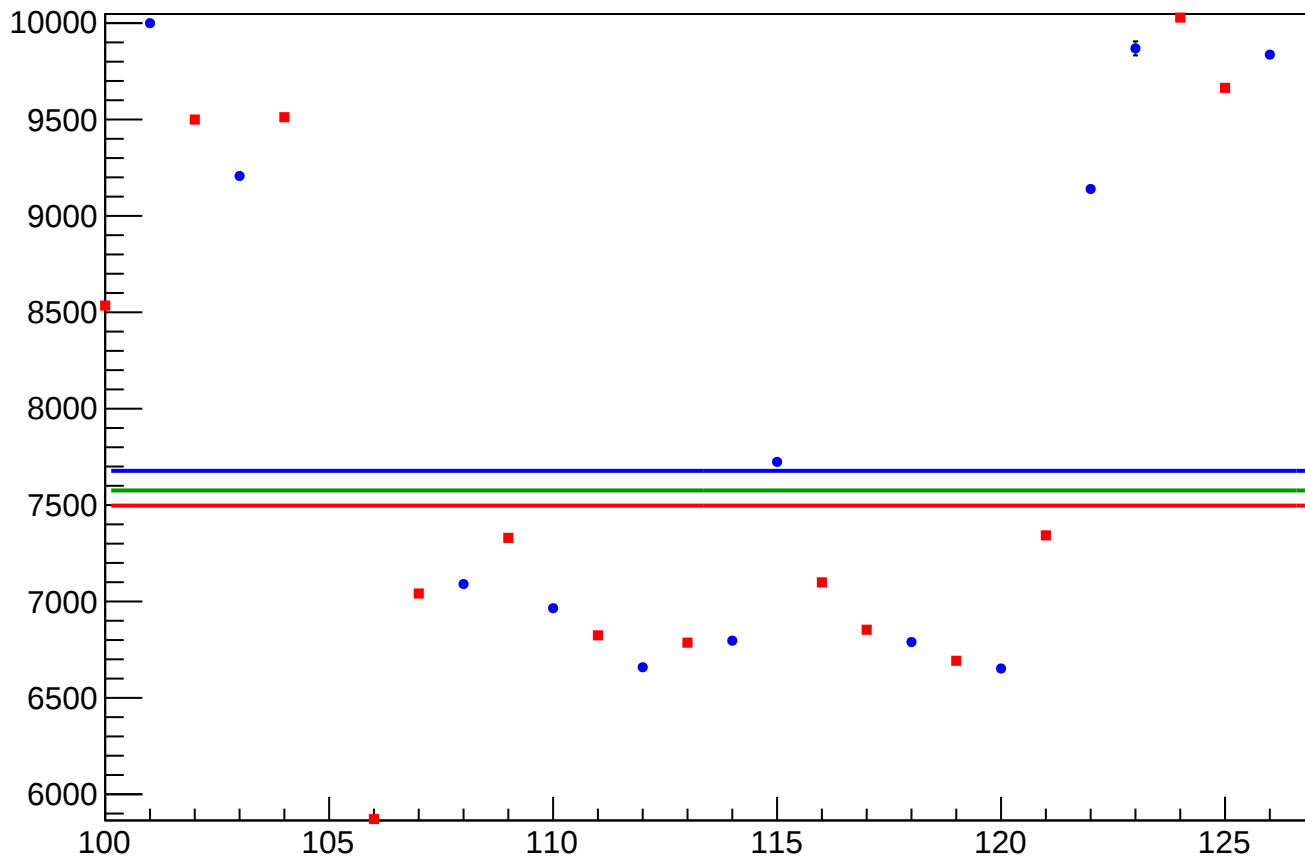
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.809+/-3.766 χ^2 /NDF: 44.8/11

14.569+/-2.486 χ^2 /NDF: 79.5/26

8.206+/-3.309 χ^2 /NDF: 26.1/14

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7677.635 $\pm$ 2.663 χ^2 /NDF: 227499.7/11

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

Right Out: 7497.272 $\pm$ 2.340 χ^2 /NDF: 272020.6/14

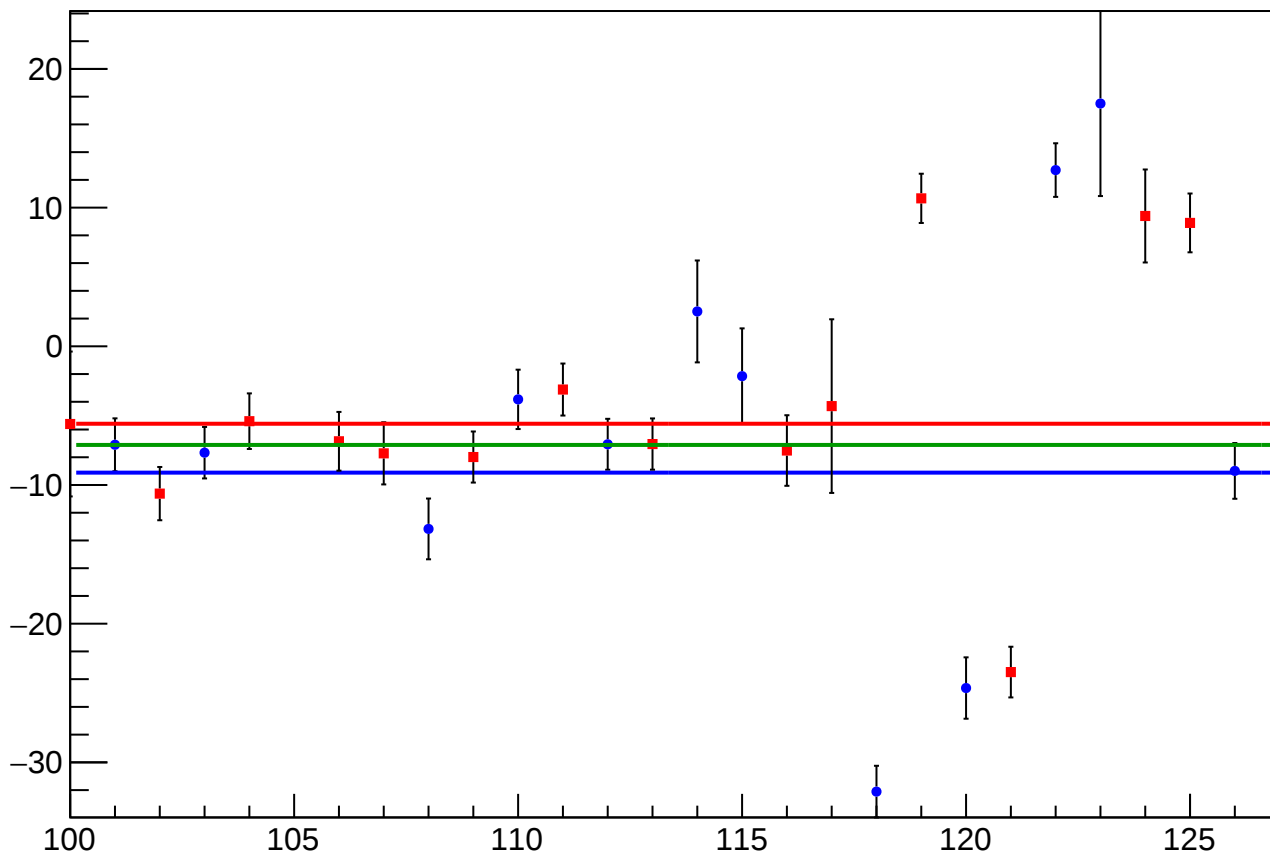
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7677.635 $\pm$ 2.663 χ^2 /NDF: 227499.7/11

7575.856 $\pm$ 1.758 χ^2 /NDF: 502108.6/26

7497.272 $\pm$ 2.340 χ^2 /NDF: 272020.6/14

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.109+/-0.635 χ^2/NDF : 371.6/11

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

Right Out: -5.583+/-0.556 χ^2/NDF : 268.7/14

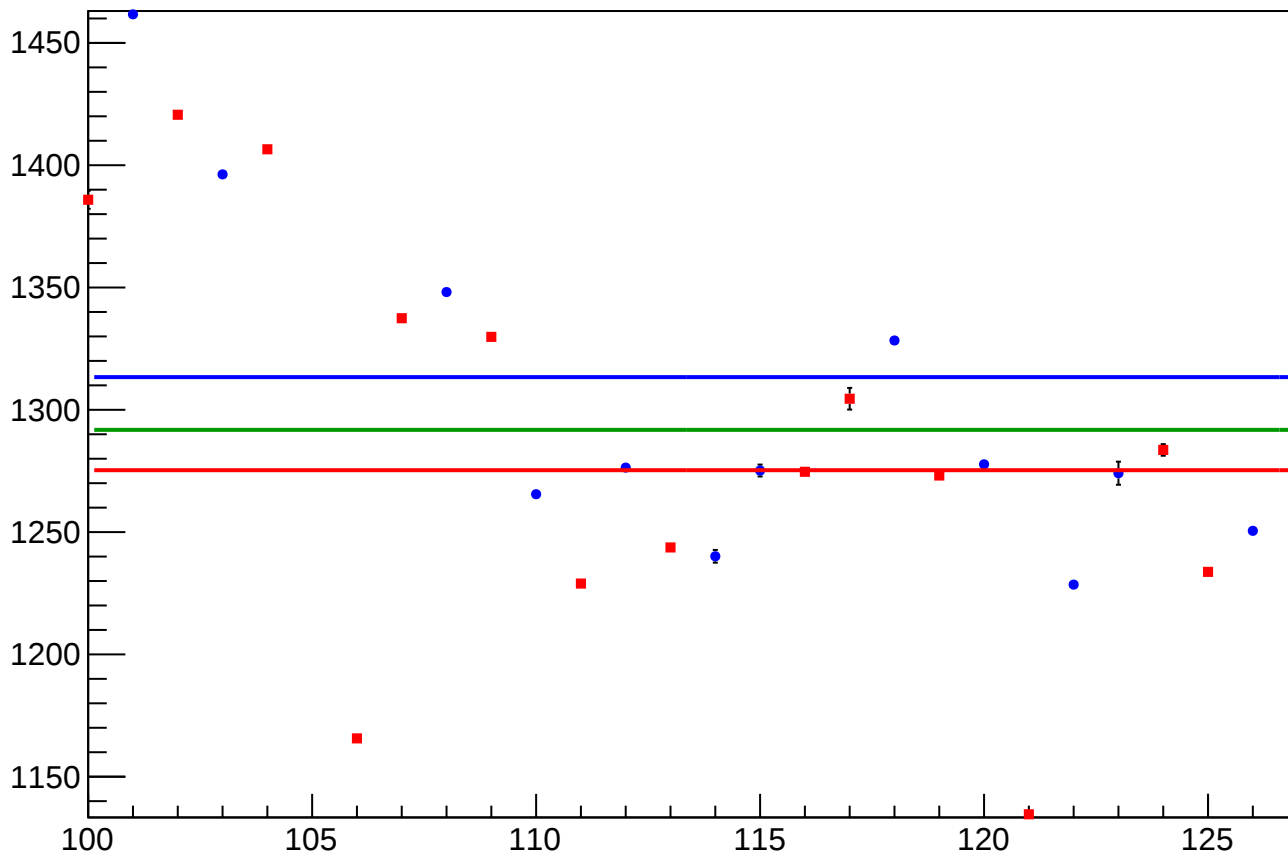
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.109+/-0.635 χ^2/NDF : 371.6/11

-7.112+/-0.418 χ^2/NDF : 657.7/26

-5.583+/-0.556 χ^2/NDF : 268.7/14

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1313.363+/-0.449 χ^2/NDF : 26000.5/11

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

Right Out: 1275.308+/-0.393 χ^2/NDF : 44406.8/14

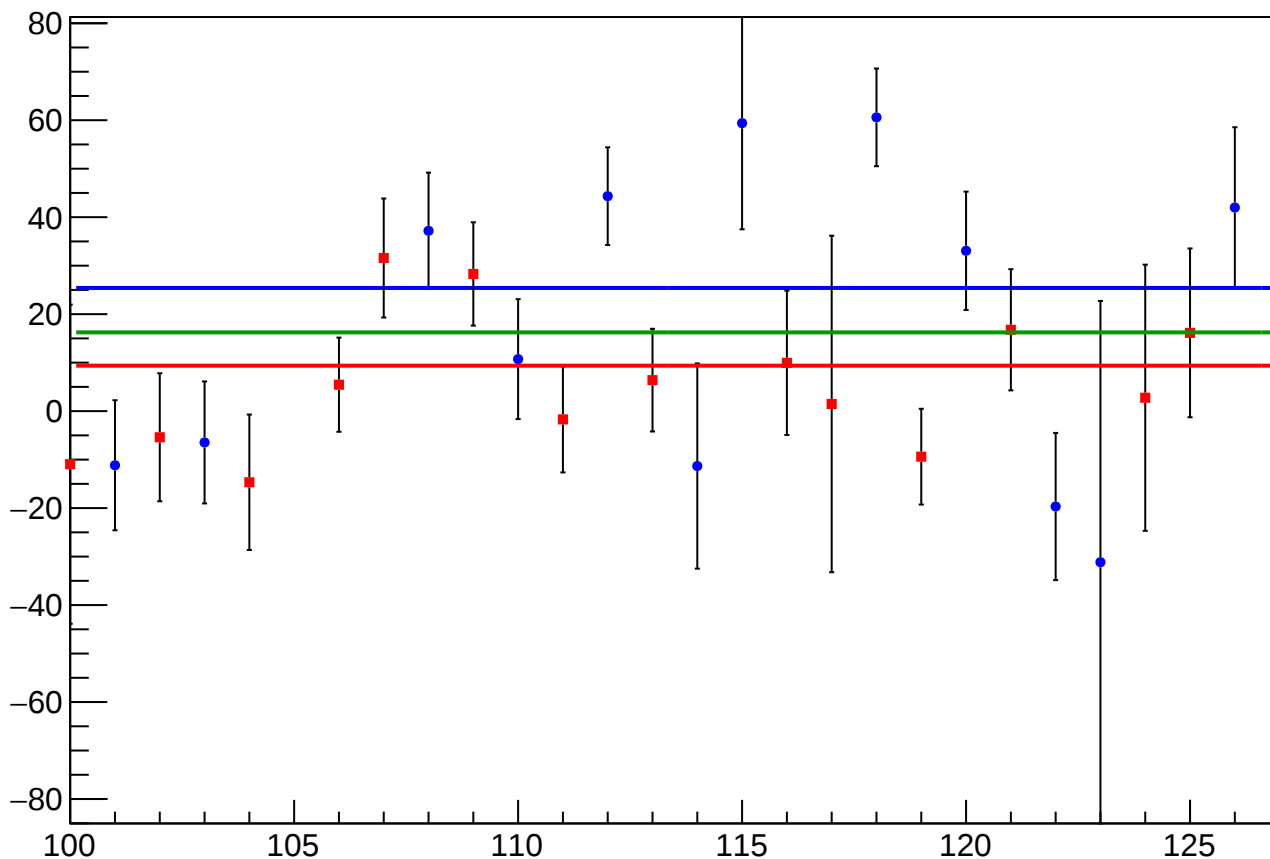
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1313.363+/-0.449 χ^2/NDF : 26000.5/11

1291.804+/-0.296 χ^2/NDF : 74473.2/26

1275.308+/-0.393 χ^2/NDF : 44406.8/14

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 25.407 $\pm$ 3.940 χ^2 /NDF: 48.7/11

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

Right Out: 9.379 $\pm$ 3.408 χ^2 /NDF: 26.6/14

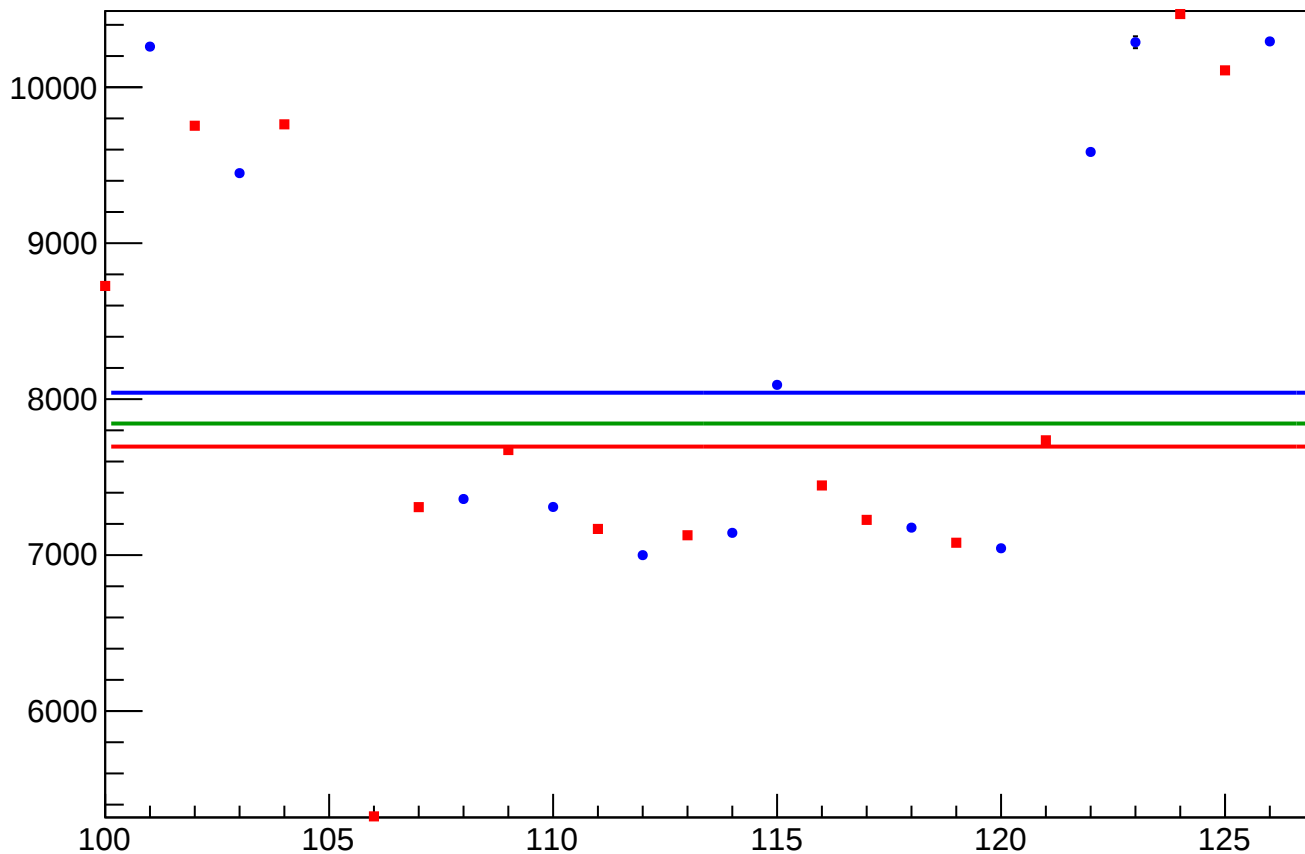
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.407 $\pm$ 3.940 χ^2 /NDF: 48.7/11

16.240 $\pm$ 2.578 χ^2 /NDF: 84.7/26

9.379 $\pm$ 3.408 χ^2 /NDF: 26.6/14

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8041.246 $\pm$ 2.786 χ^2 /NDF: 207532.9/11

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

Right Out: 7695.799 $\pm$ 2.410 χ^2 /NDF: 339316.6/14

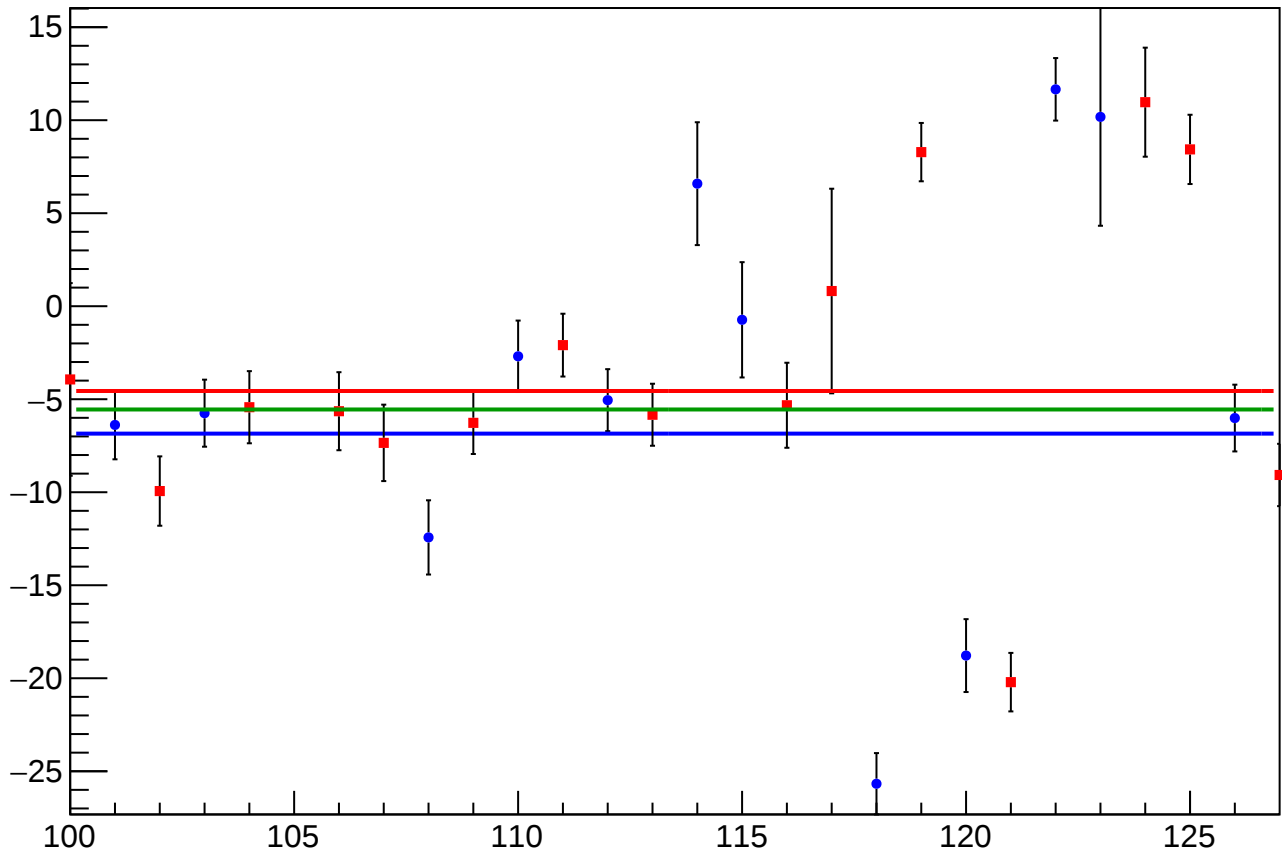
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8041.246 $\pm$ 2.786 χ^2 /NDF: 207532.9/11

7843.676 $\pm$ 1.823 χ^2 /NDF: 555644.7/26

7695.799 $\pm$ 2.410 χ^2 /NDF: 339316.6/14

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.849+/-0.577 χ^2/NDF : 331.9/11

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

Right Out: -4.558+/-0.505 χ^2/NDF : 265.6/14

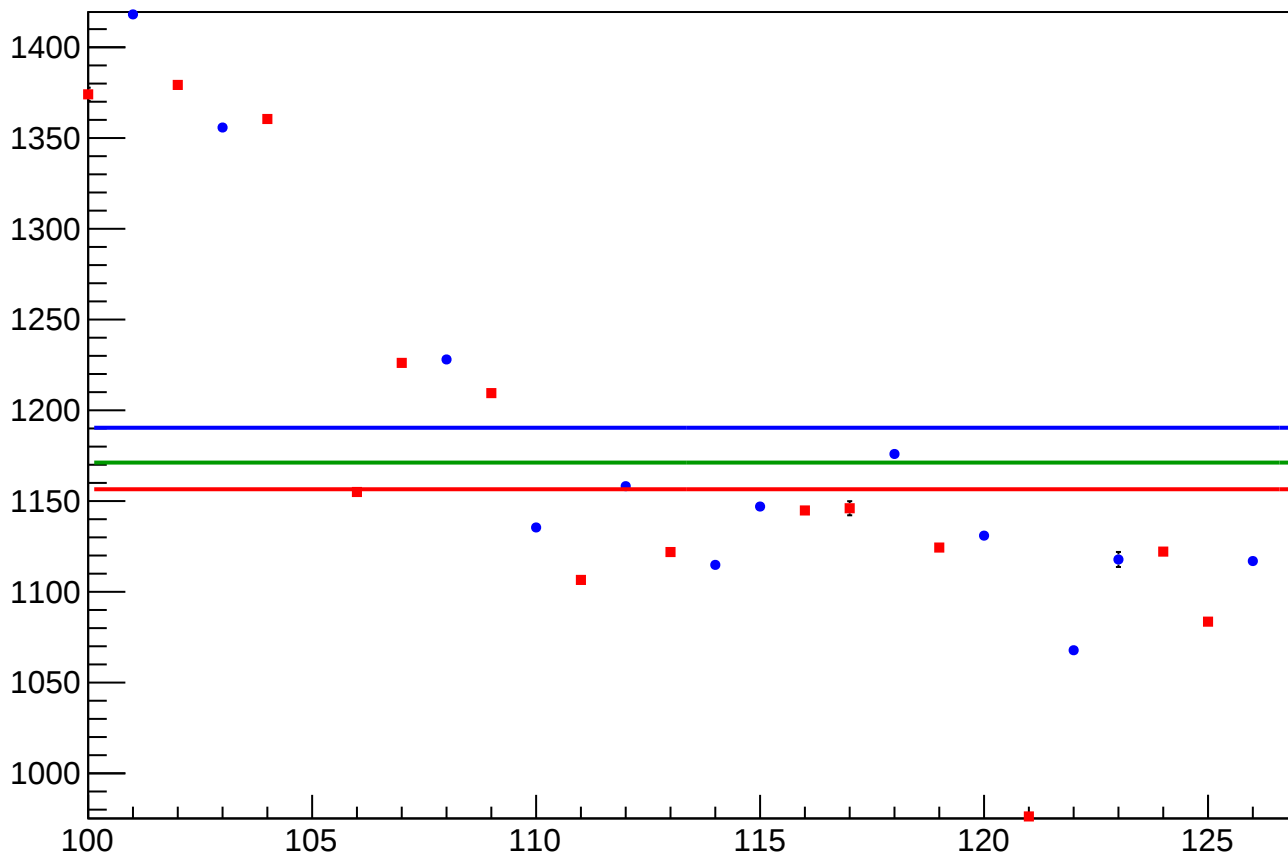
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.849+/-0.577 χ^2/NDF : 331.9/11

-5.552+/-0.380 χ^2/NDF : 606.4/26

-4.558+/-0.505 χ^2/NDF : 265.6/14

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1190.395 $\pm$ 0.408 χ^2 /NDF: 68035.9/11

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

Right Out: 1156.508 $\pm$ 0.357 χ^2 /NDF: 93438.1/14

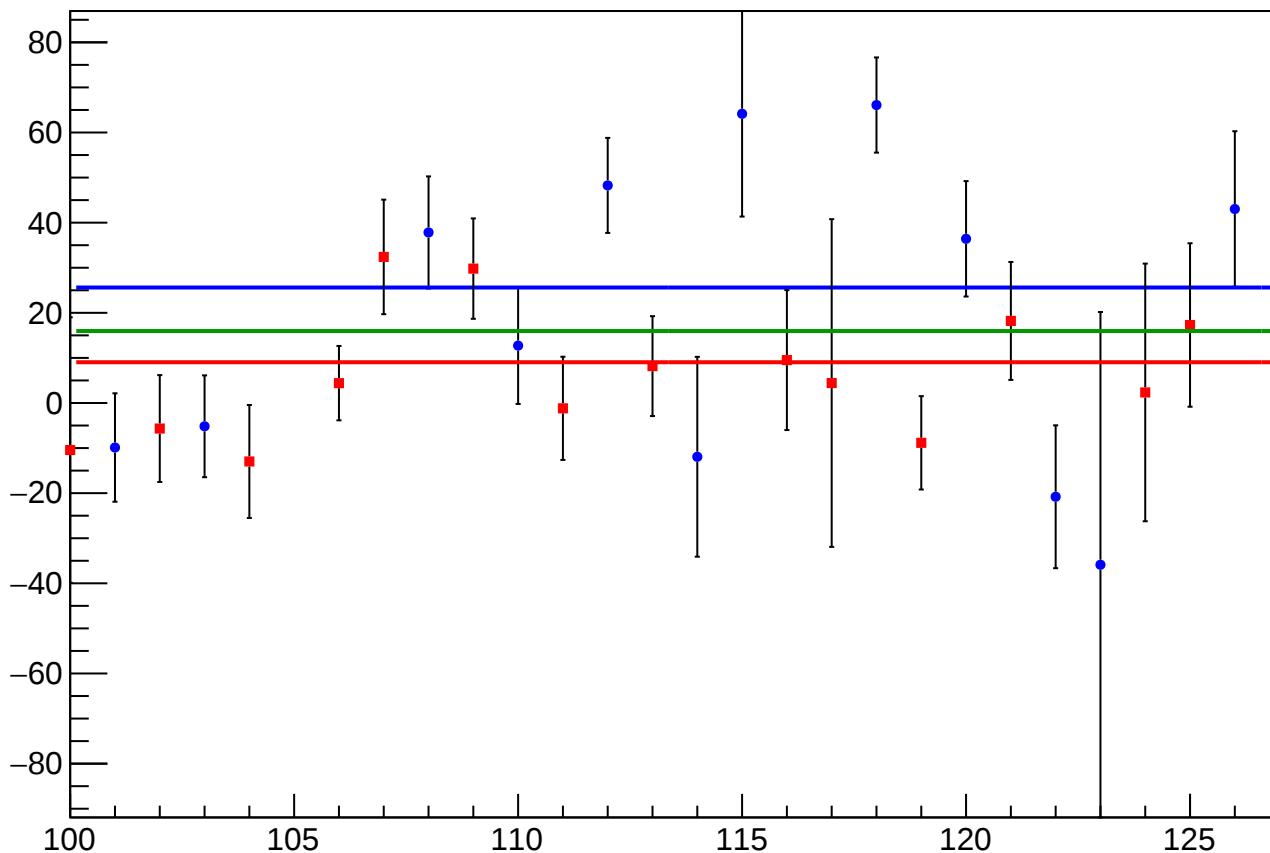
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1190.395 $\pm$ 0.408 χ^2 /NDF: 68035.9/11

1171.203 $\pm$ 0.269 χ^2 /NDF: 165377.3/26

1156.508 $\pm$ 0.357 χ^2 /NDF: 93438.1/14

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.617 $\pm$ 3.987 χ^2 /NDF: 54.7/11

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

Right Out: 9.040 $\pm$ 3.377 χ^2 /NDF: 27.4/14

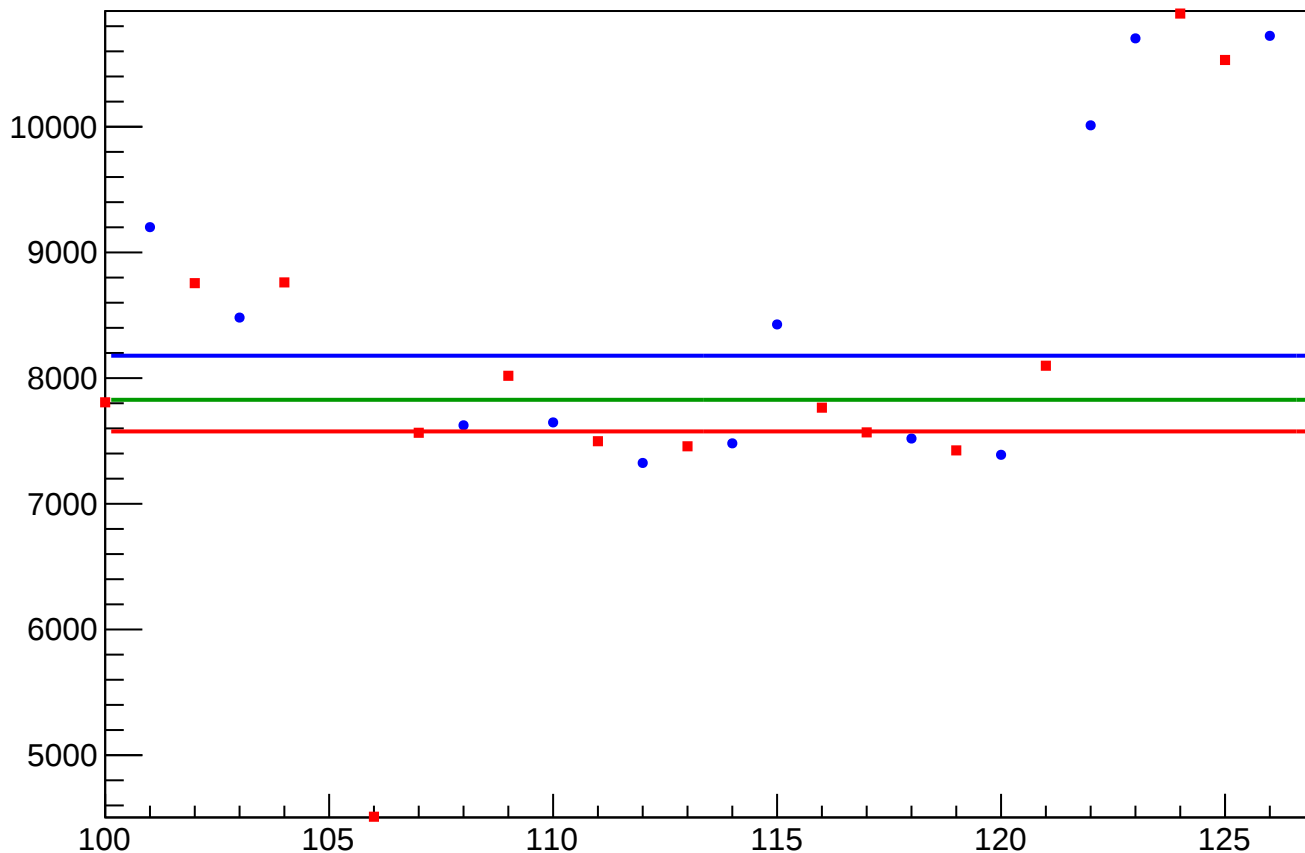
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.617 $\pm$ 3.987 χ^2 /NDF: 54.7/11

15.963 $\pm$ 2.577 χ^2 /NDF: 92.1/26

9.040 $\pm$ 3.377 χ^2 /NDF: 27.4/14

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8178.346 $\pm$ 2.820 χ^2 /NDF: 128270.9/11

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

Right Out: 7575.917 $\pm$ 2.388 χ^2 /NDF: 466263.1/14

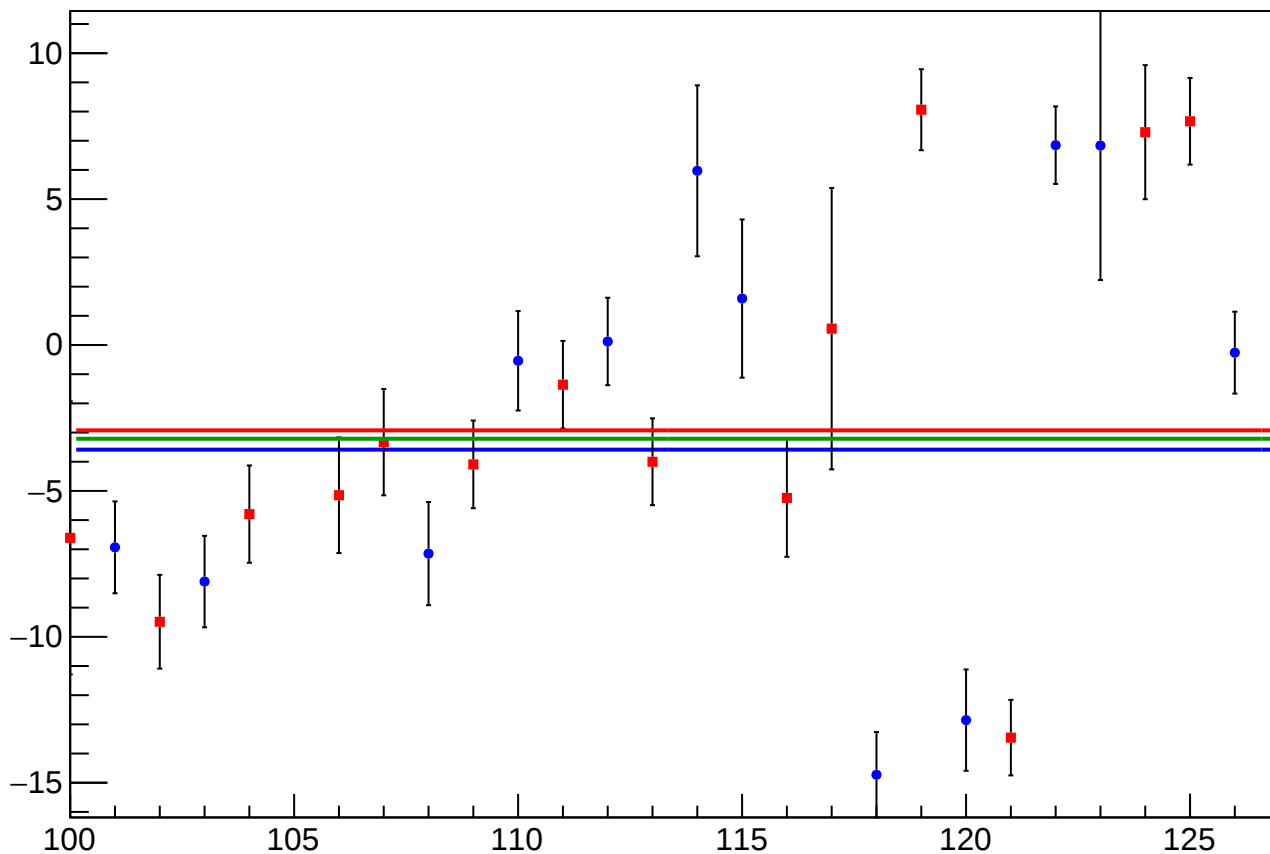
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8178.346 $\pm$ 2.820 χ^2 /NDF: 128270.9/11

7827.500 $\pm$ 1.822 χ^2 /NDF: 621120.4/26

7575.917 $\pm$ 2.388 χ^2 /NDF: 466263.1/14

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.585 ± 0.494 $\chi^2/\text{NDF}: 199.4/11$

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

Right Out: -2.924 ± 0.434 $\chi^2/\text{NDF}: 226.9/14$

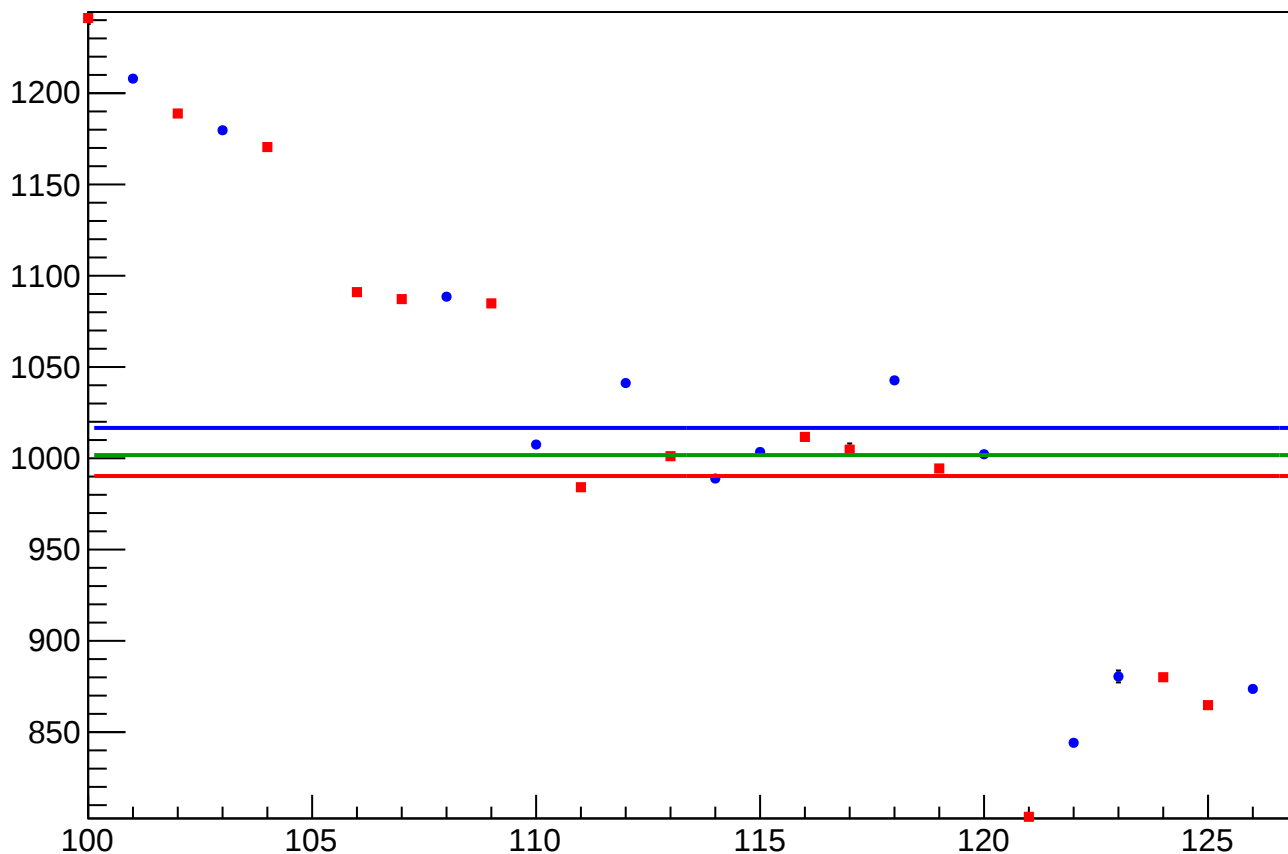
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.585 ± 0.494 $\chi^2/\text{NDF}: 199.4/11$

-3.212 ± 0.326 $\chi^2/\text{NDF}: 427.3/26$

-2.924 ± 0.434 $\chi^2/\text{NDF}: 226.9/14$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1016.634+/-0.350 χ^2/NDF : 112299.7/11

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

Right Out: 990.287+/-0.307 χ^2/NDF : 156650.0/14

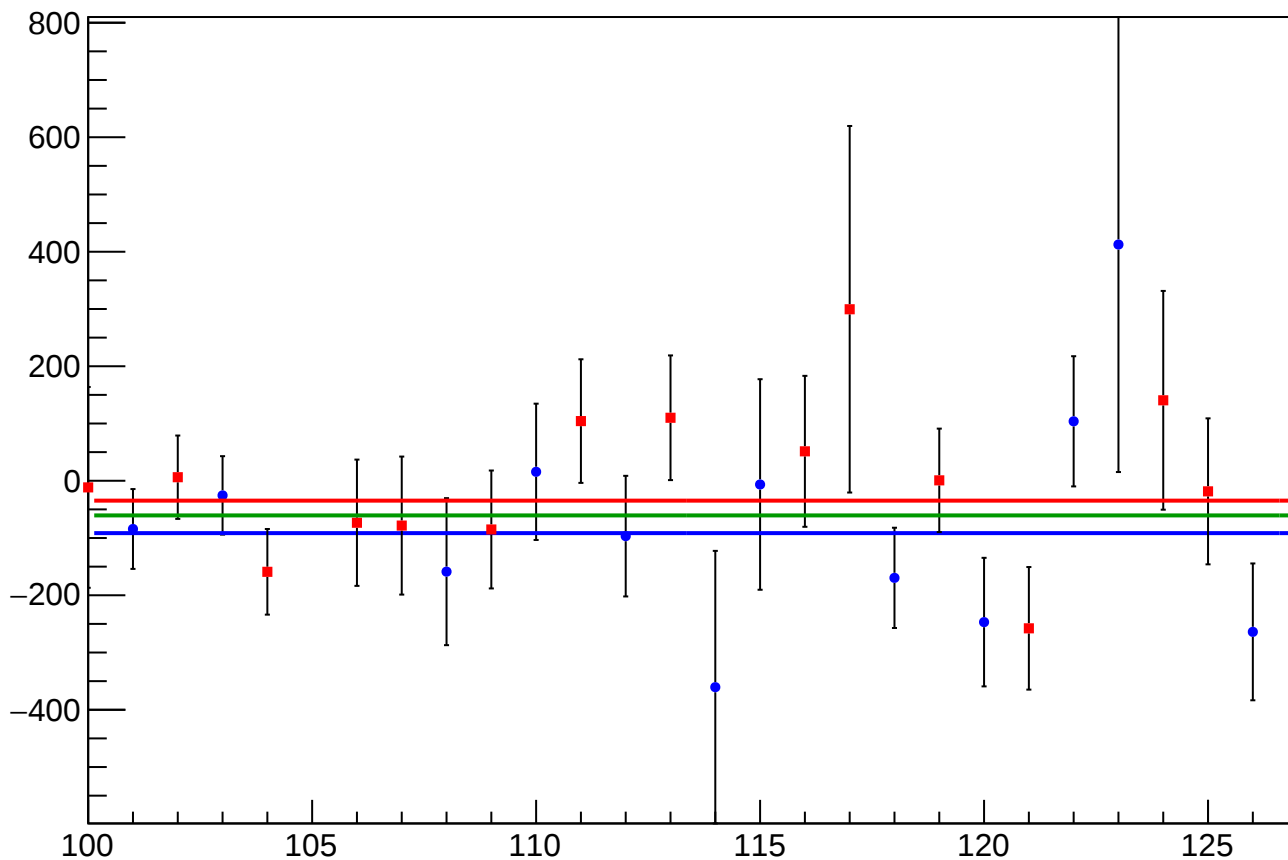
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1016.634+/-0.350 χ^2/NDF : 112299.7/11

1001.750+/-0.231 χ^2/NDF : 272159.3/26

990.287+/-0.307 χ^2/NDF : 156650.0/14

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -91.460 ± 30.847 χ^2/NDF : 12.9/11

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

Right Out: -34.712 ± 28.174 χ^2/NDF : 13.9/14

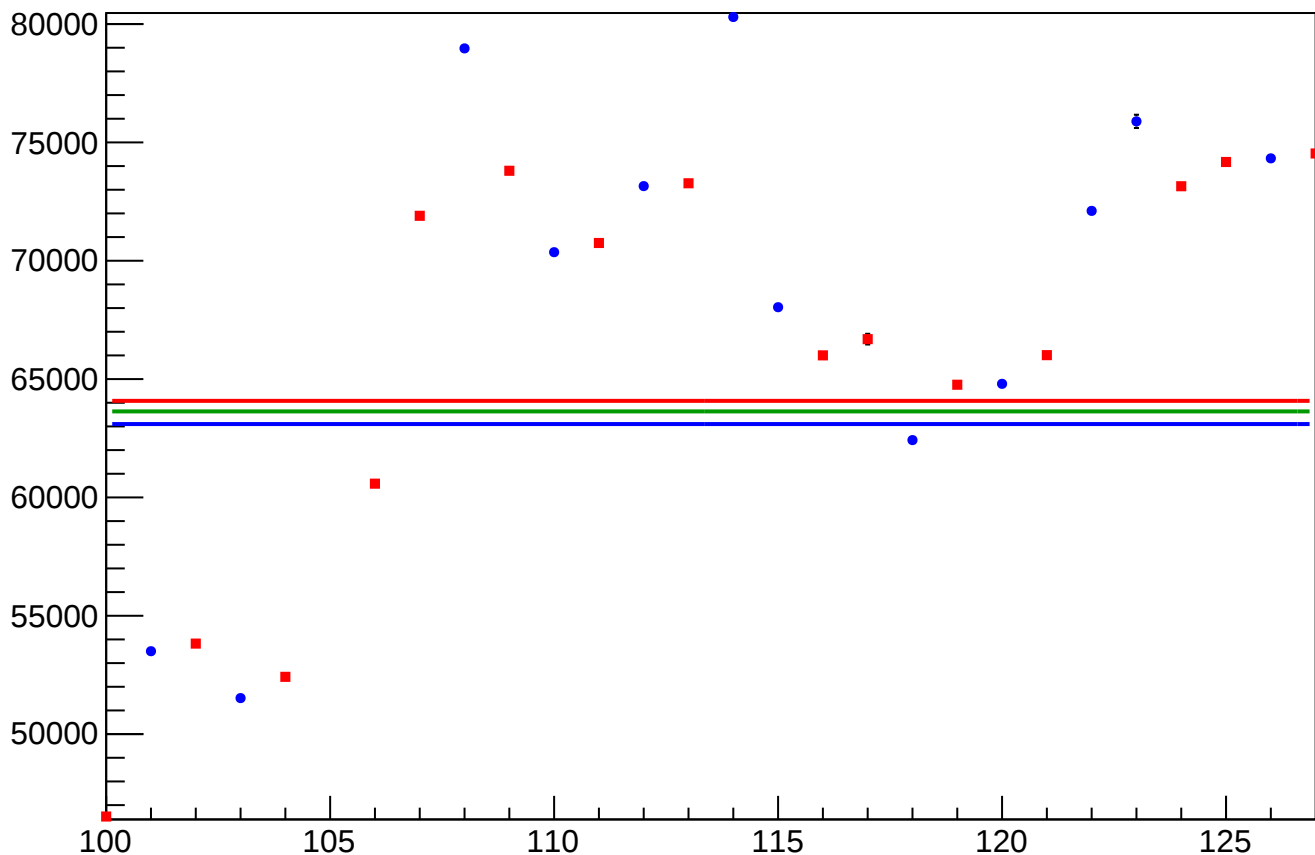
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-91.460 ± 30.847 χ^2/NDF : 12.9/11

-60.522 ± 20.803 χ^2/NDF : 28.6/26

-34.712 ± 28.174 χ^2/NDF : 13.9/14

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 63099.796+/-21.812 χ^2/NDF : 196002.6/11

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

Right Out: 64080.580+/-19.922 χ^2/NDF : 193973.9/14

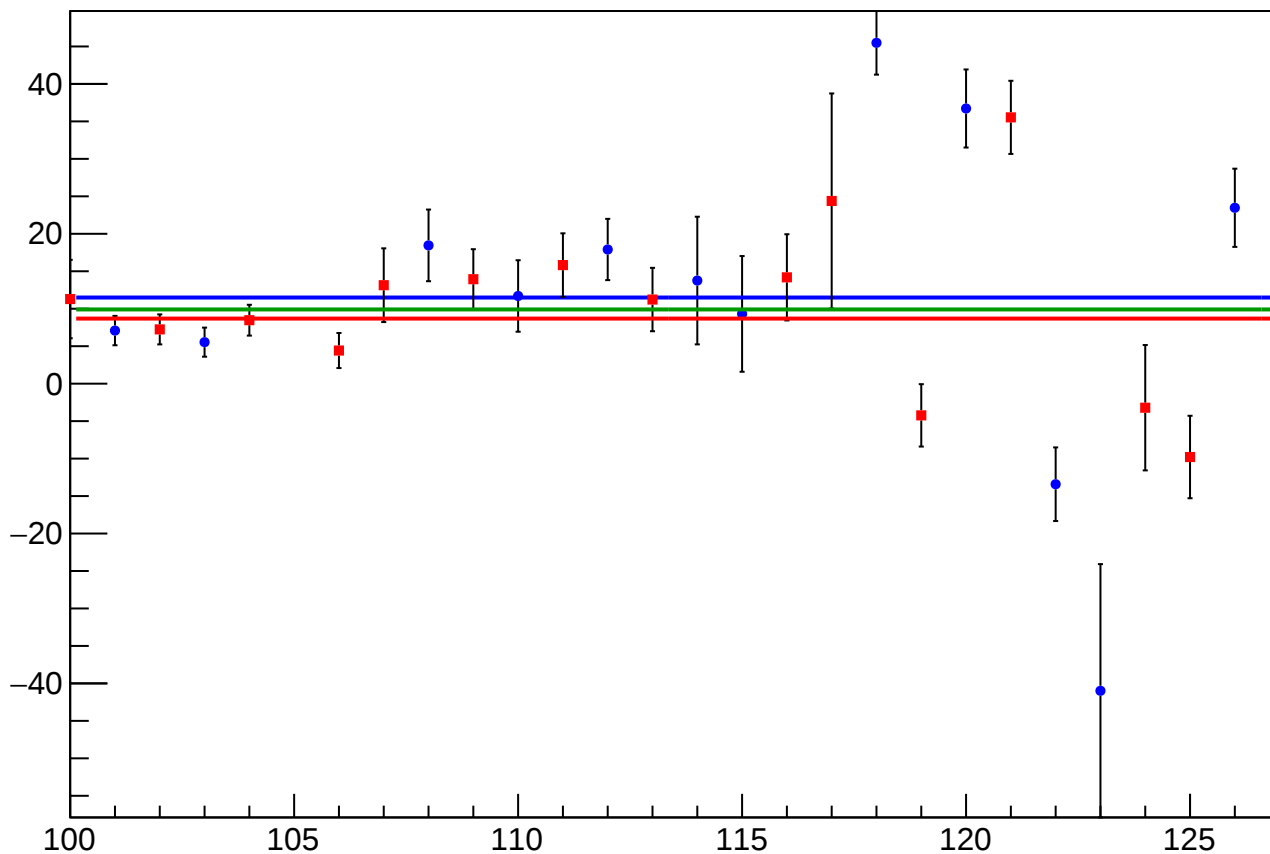
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63099.796+/-21.812 χ^2/NDF : 196002.6/11

63634.510+/-14.710 χ^2/NDF : 391078.8/2

64080.580+/-19.922 χ^2/NDF : 193973.9/14

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.495+/-1.067 χ^2 /NDF: 147.4/11

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

Right Out: 8.686+/-0.934 χ^2 /NDF: 66.1/14

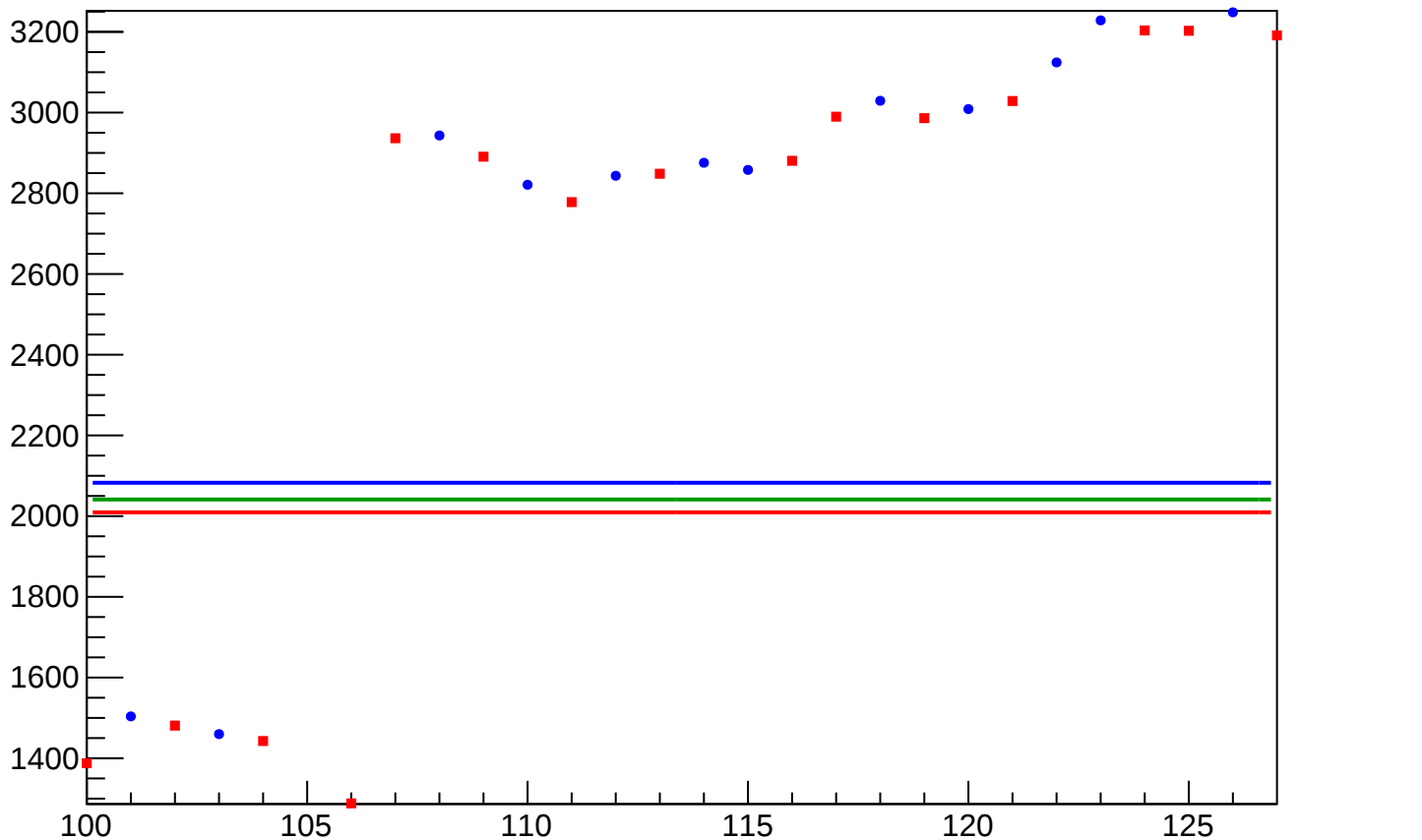
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

11.495+/-1.067 χ^2 /NDF: 147.4/11

9.905+/-0.703 χ^2 /NDF: 217.4/26

8.686+/-0.934 χ^2 /NDF: 66.1/14

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2082.700 $\pm$ 0.755 χ^2 /NDF: 961467.2/11

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

Right Out: 2009.504 $\pm$ 0.661 χ^2 /NDF: 1328914.1/14

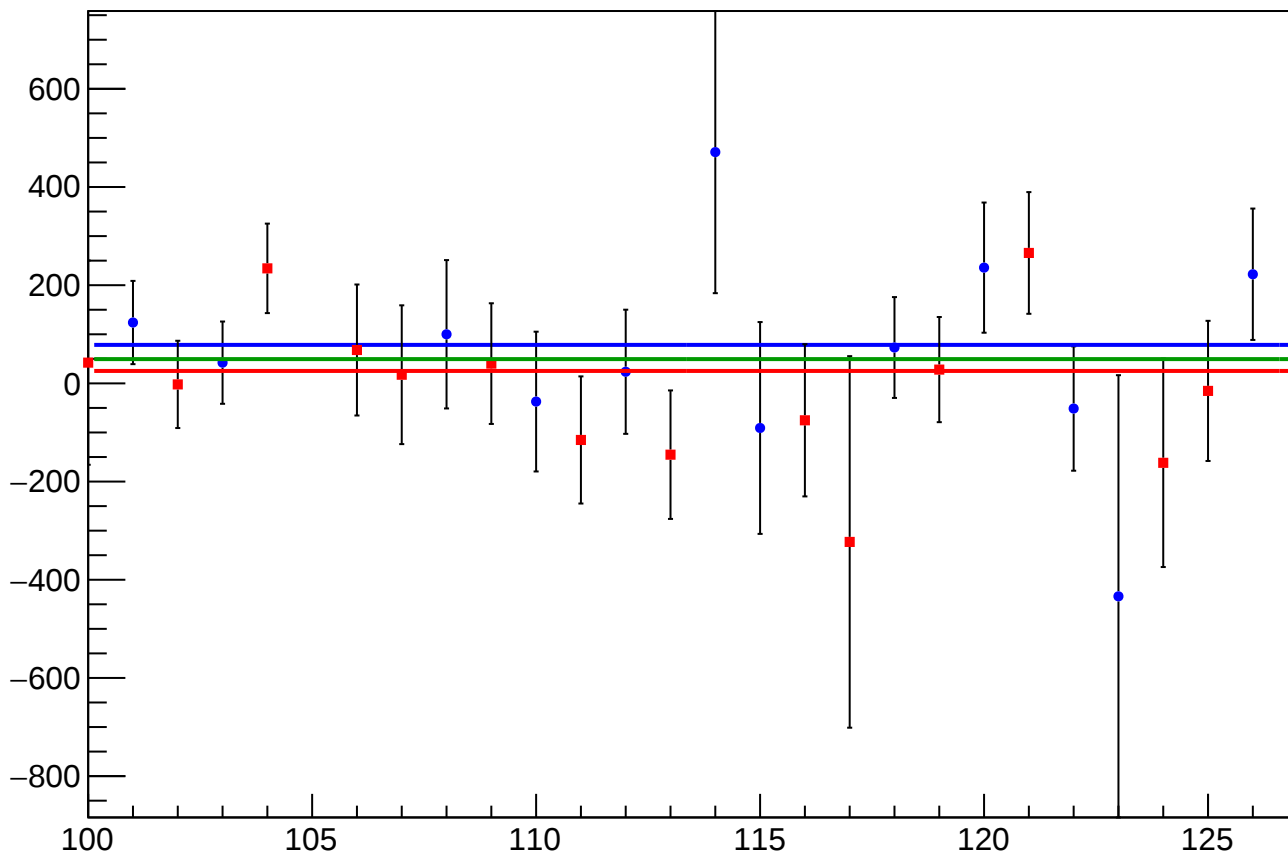
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2082.700 $\pm$ 0.755 χ^2 /NDF: 961467.2/11

2041.267 $\pm$ 0.497 χ^2 /NDF: 2295706.8/26

2009.504 $\pm$ 0.661 χ^2 /NDF: 1328914.1/14

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 78.415 $\pm$ 36.622 χ^2/NDF : 8.7/11

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

Right Out: 25.334 $\pm$ 33.430 χ^2/NDF : 15.8/14

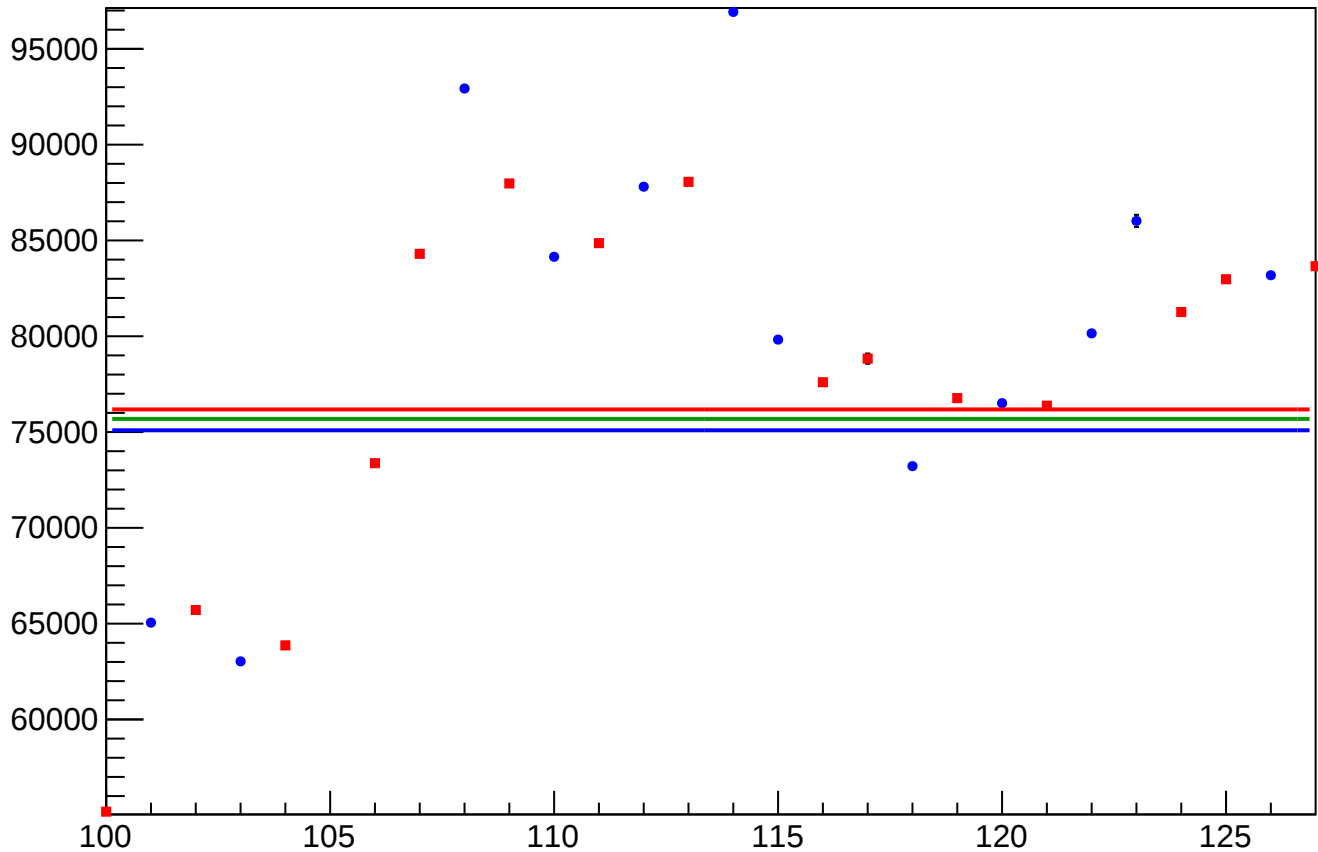
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

78.415 $\pm$ 36.622 χ^2/NDF : 8.7/11

49.461 $\pm$ 24.690 χ^2/NDF : 25.7/26

25.334 $\pm$ 33.430 χ^2/NDF : 15.8/14

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 75091.639+/-25.895 χ^2 /NDF: 150748.3/11

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

Right Out: 76180.942+/-23.639 χ^2 /NDF: 148948.3/14

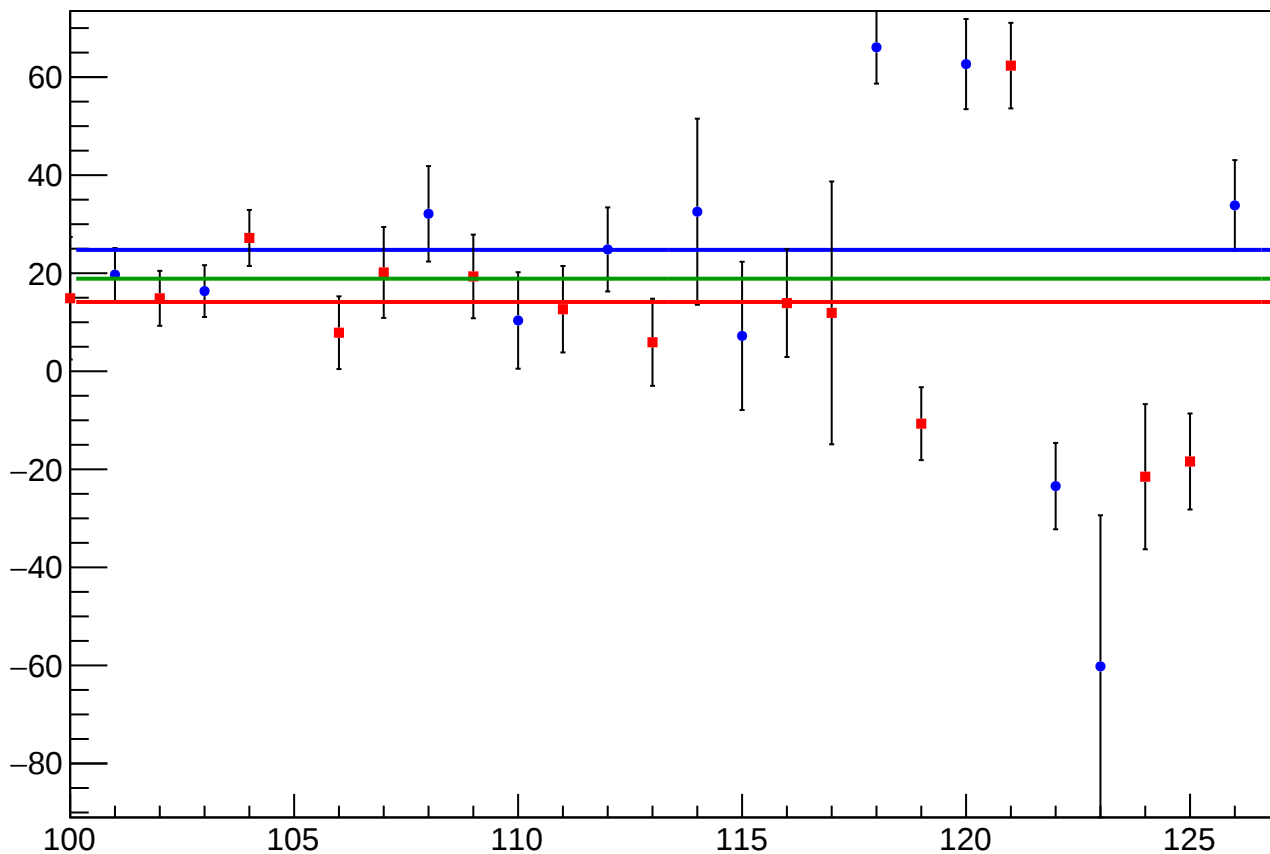
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

75091.639+/-25.895 χ^2 /NDF: 150748.3/11

75685.820+/-17.458 χ^2 /NDF: 300661.7/2

76180.942+/-23.639 χ^2 /NDF: 148948.3/14

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.762 $\pm$ 2.446 χ^2 /NDF: 94.3/11

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

Right Out: 14.137 $\pm$ 2.198 χ^2 /NDF: 66.1/14

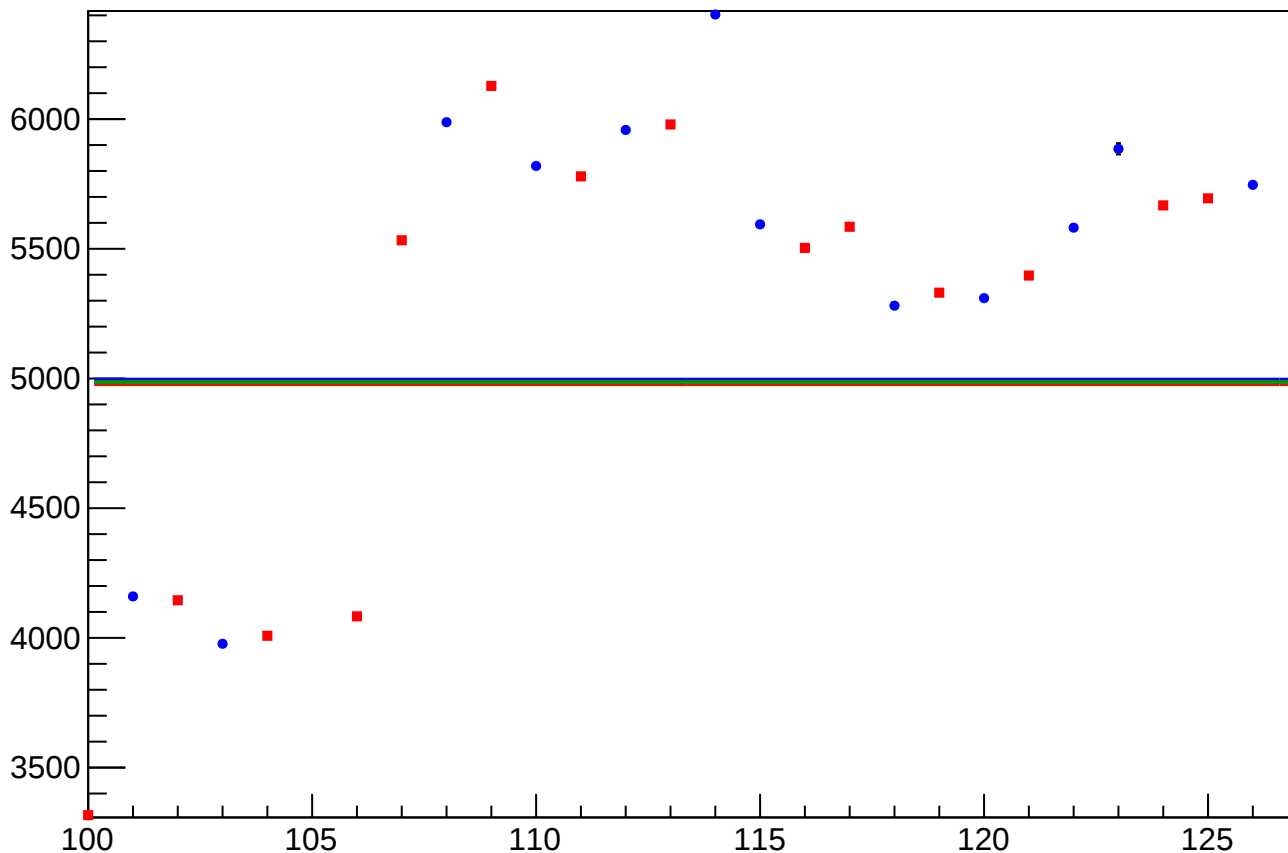
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.762 $\pm$ 2.446 χ^2 /NDF: 94.3/11

18.885 $\pm$ 1.635 χ^2 /NDF: 170.8/26

14.137 $\pm$ 2.198 χ^2 /NDF: 66.1/14

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4995.321+/-1.729 χ^2/NDF : 224913.9/11

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

Right Out: 4978.340+/-1.554 χ^2/NDF : 297280.8/14

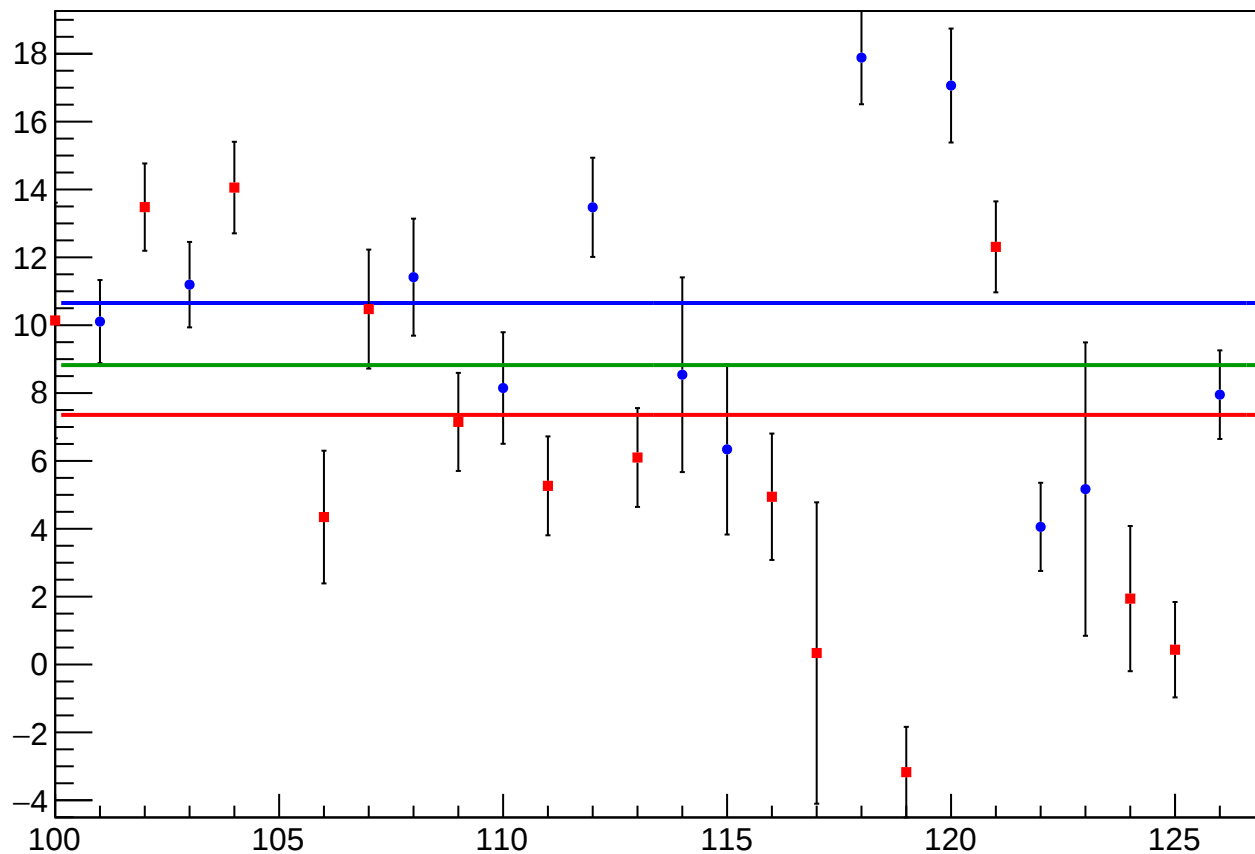
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4995.321+/-1.729 χ^2/NDF : 224913.9/11

4985.927+/-1.156 χ^2/NDF : 522248.0/26

4978.340+/-1.554 χ^2/NDF : 297280.8/14

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.654 $\pm$ 0.453 χ^2 /NDF: 84.1/11

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

Right Out: 7.357 $\pm$ 0.406 χ^2 /NDF: 178.5/14

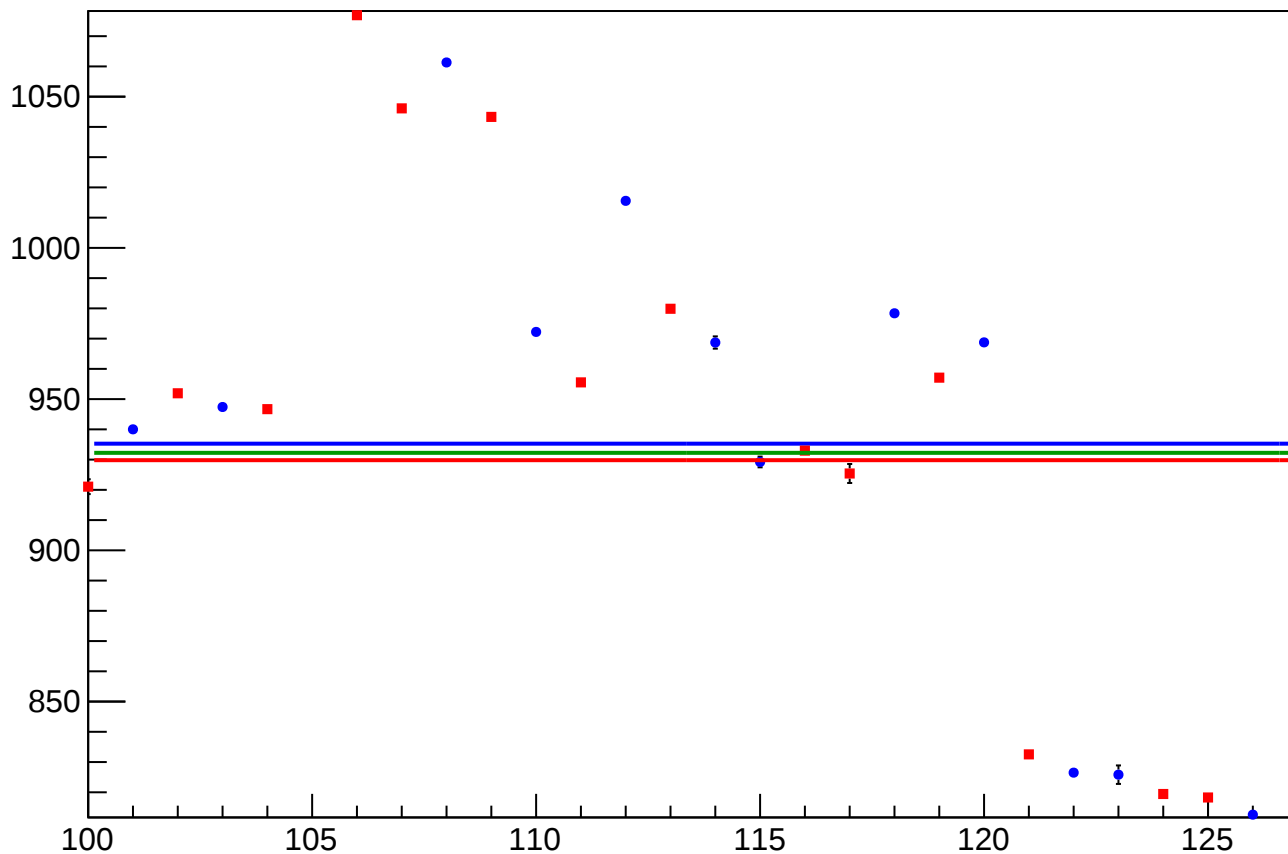
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.654 $\pm$ 0.453 χ^2 /NDF: 84.1/11

8.824 $\pm$ 0.302 χ^2 /NDF: 292.0/26

7.357 $\pm$ 0.406 χ^2 /NDF: 178.5/14

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 935.267 ± 0.320 χ^2/NDF : 53951.4/11

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

Right Out: 929.808 ± 0.287 χ^2/NDF : 80682.6/14

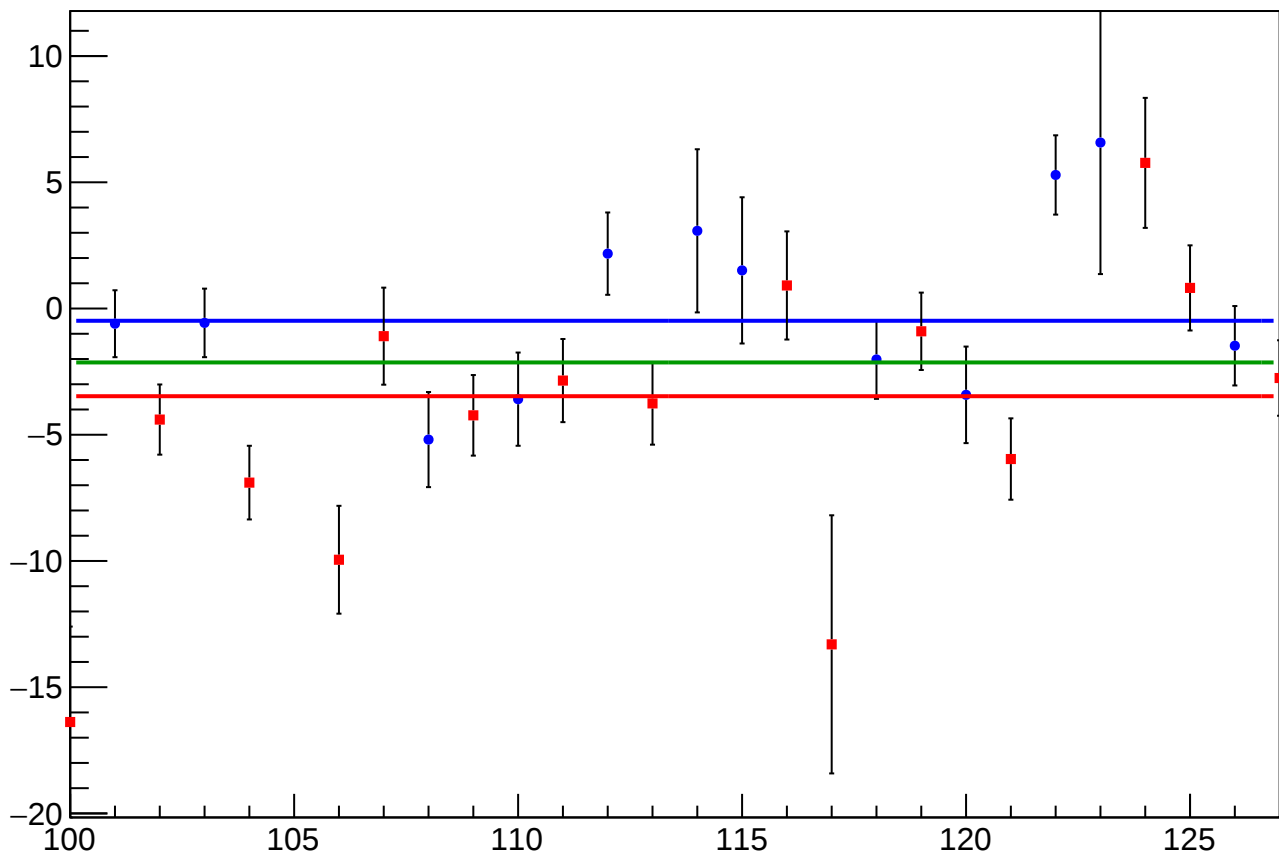
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

935.267 ± 0.320 χ^2/NDF : 53951.4/11

932.237 ± 0.214 χ^2/NDF : 134795.0/26

929.808 ± 0.287 χ^2/NDF : 80682.6/14

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.486 ± 0.512 χ^2/NDF : 32.5/11

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

Right Out: -3.473 ± 0.461 χ^2/NDF : 61.4/14

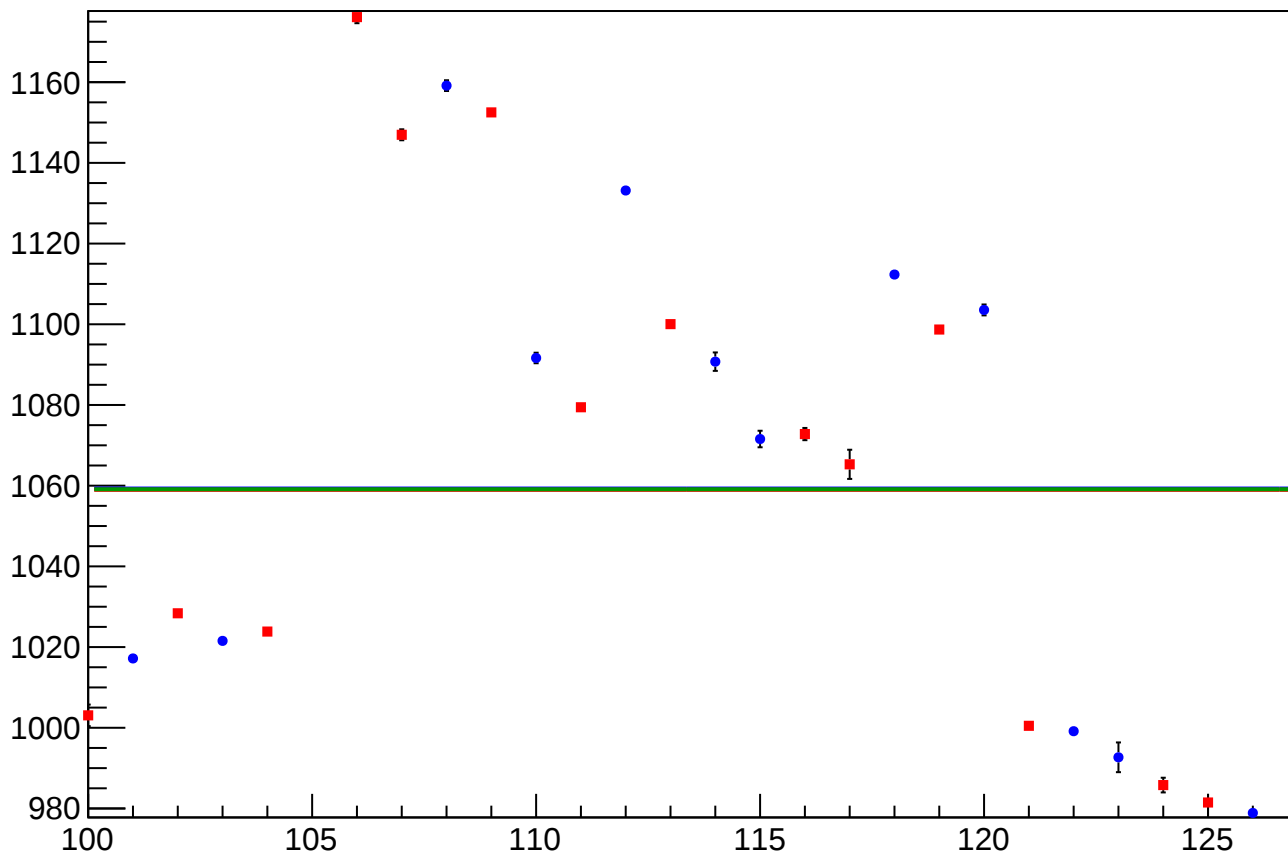
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.486 ± 0.512 χ^2/NDF : 32.5/11

-2.136 ± 0.343 χ^2/NDF : 112.7/26

-3.473 ± 0.461 χ^2/NDF : 61.4/14

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1059.289 $\pm$ 0.362 χ^2 /NDF: 25994.5/11

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

Right Out: 1058.967 $\pm$ 0.326 χ^2 /NDF: 35771.8/14

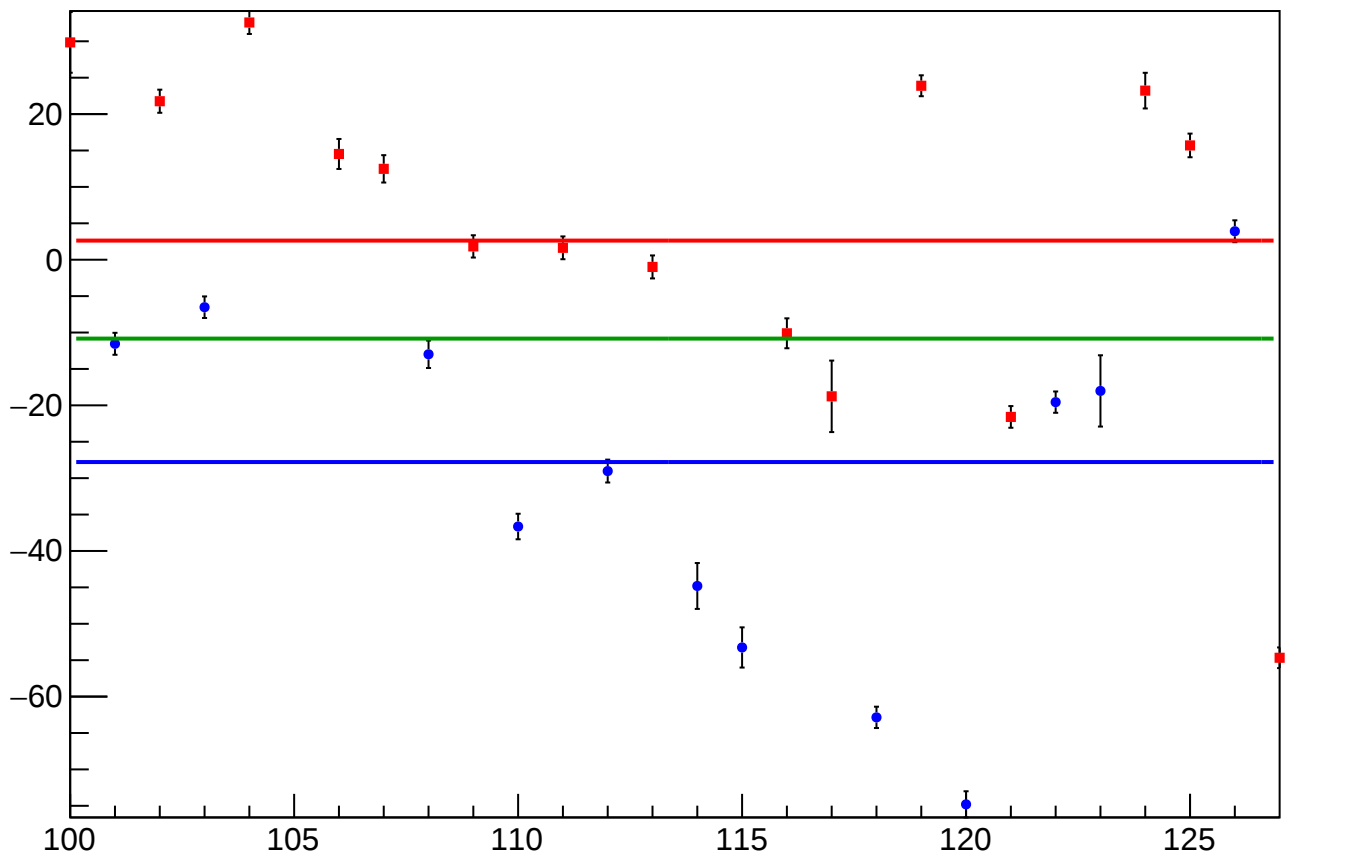
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1059.289 $\pm$ 0.362 χ^2 /NDF: 25994.5/11

1059.111 $\pm$ 0.242 χ^2 /NDF: 61766.7/26

1058.967 $\pm$ 0.326 χ^2 /NDF: 35771.8/14

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -27.788 ± 0.509 χ^2/NDF : 2260.7/11

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

Right Out: 2.627 ± 0.453 χ^2/NDF : 2923.9/14

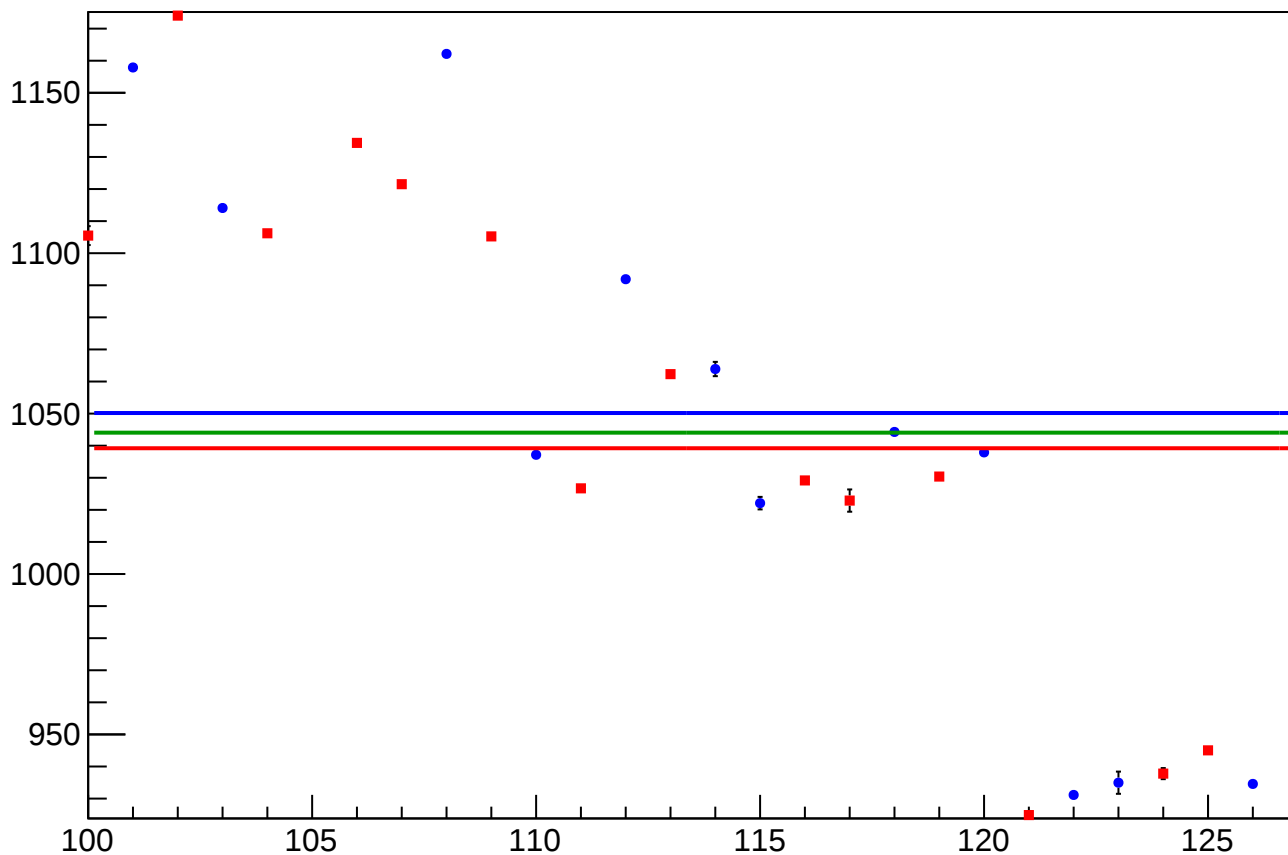
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-27.788 ± 0.509 χ^2/NDF : 2260.7/11

-10.832 ± 0.338 χ^2/NDF : 7177.6/26

2.627 ± 0.453 χ^2/NDF : 2923.9/14

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1050.184+/-0.360 χ^2/NDF : 49032.7/11

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

Right Out: 1039.204+/-0.320 χ^2/NDF : 63448.0/14

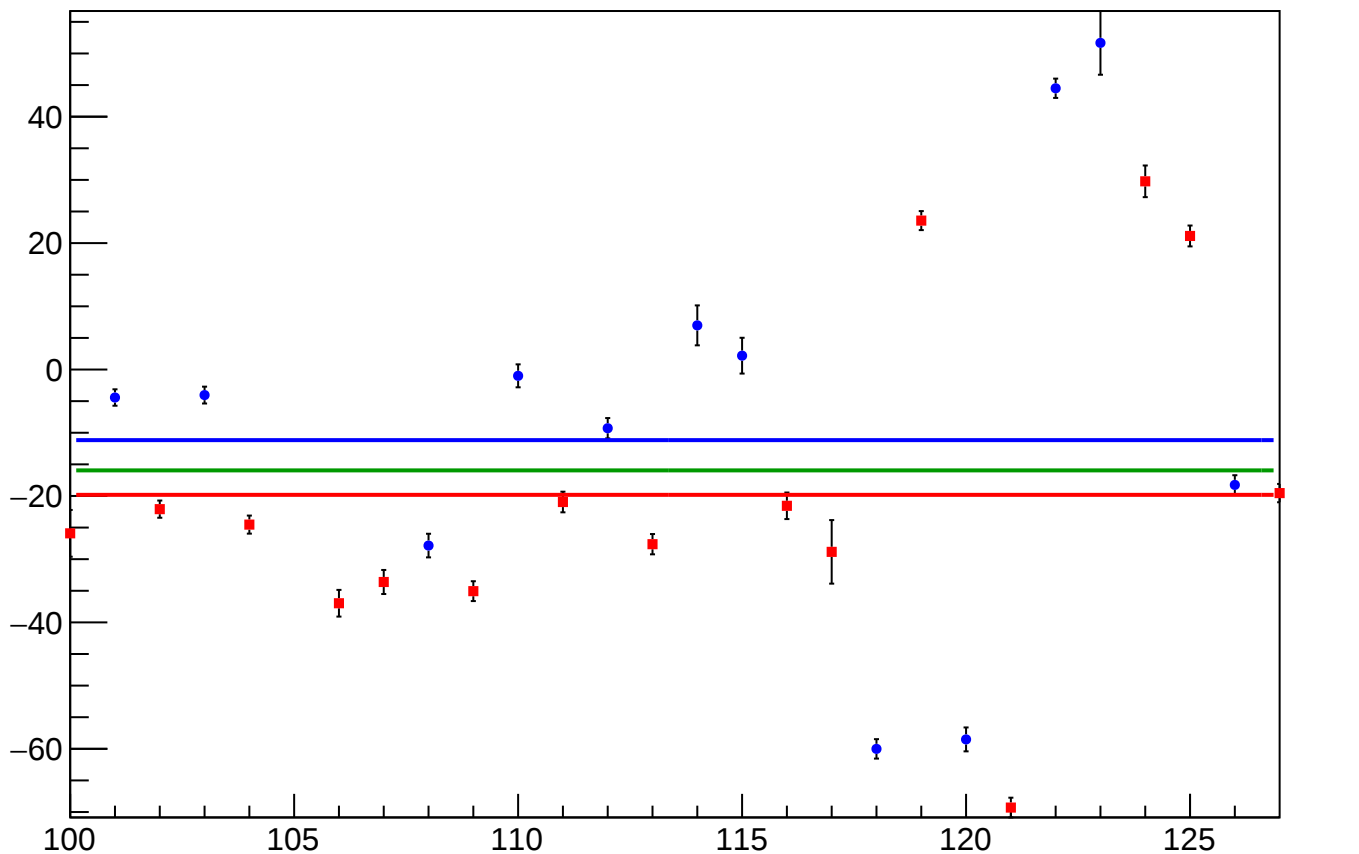
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1050.184+/-0.360 χ^2/NDF : 49032.7/11

1044.063+/-0.239 χ^2/NDF : 113000.2/26

1039.204+/-0.320 χ^2/NDF : 63448.0/14

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -11.168 ± 0.503 χ^2/NDF : 3365.9/11

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

Right Out: -19.823 ± 0.452 χ^2/NDF : 3098.8/14

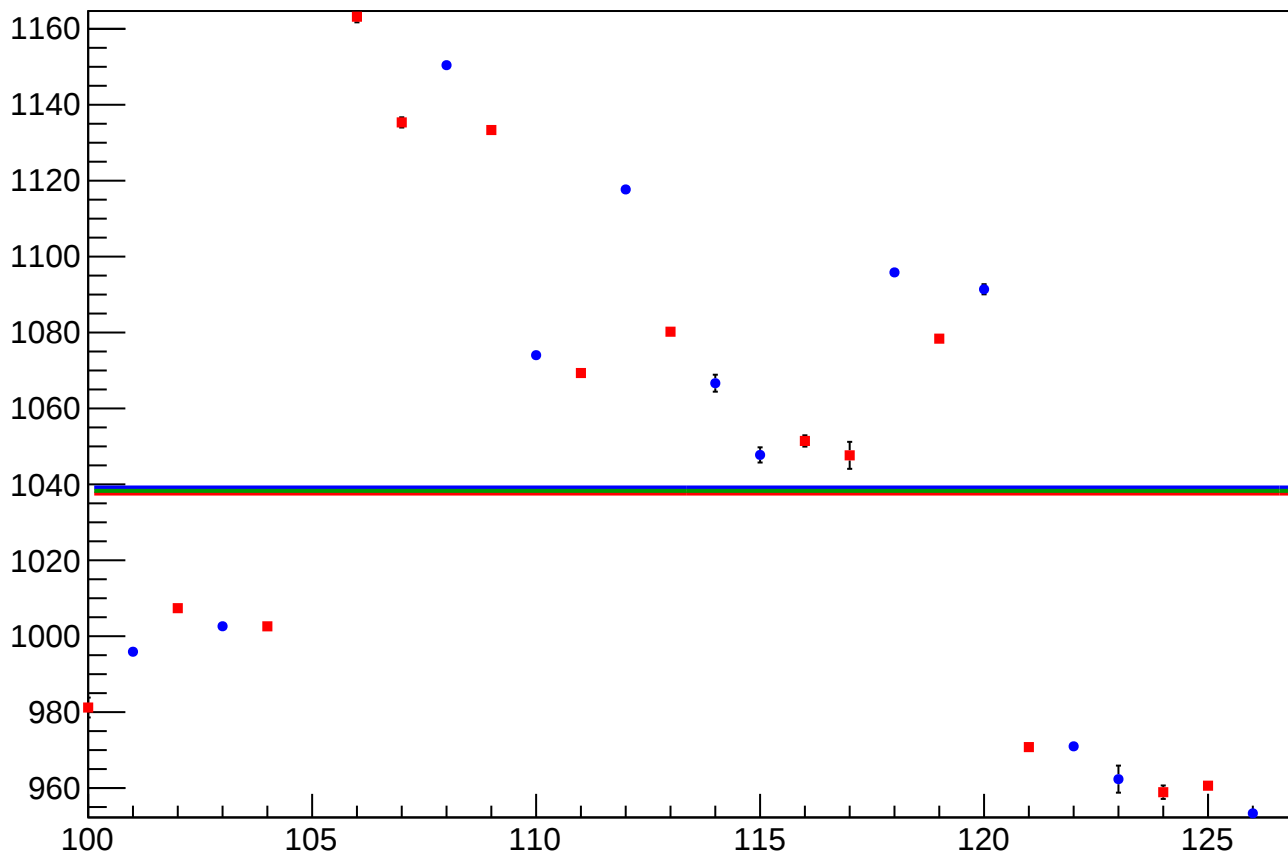
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.168 ± 0.503 χ^2/NDF : 3365.9/11

-15.955 ± 0.336 χ^2/NDF : 6628.6/26

-19.823 ± 0.452 χ^2/NDF : 3098.8/14

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1039.176+/-0.356 χ^2/NDF : 31466.5/11

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

Right Out: 1037.579+/-0.320 χ^2/NDF : 42368.7/14

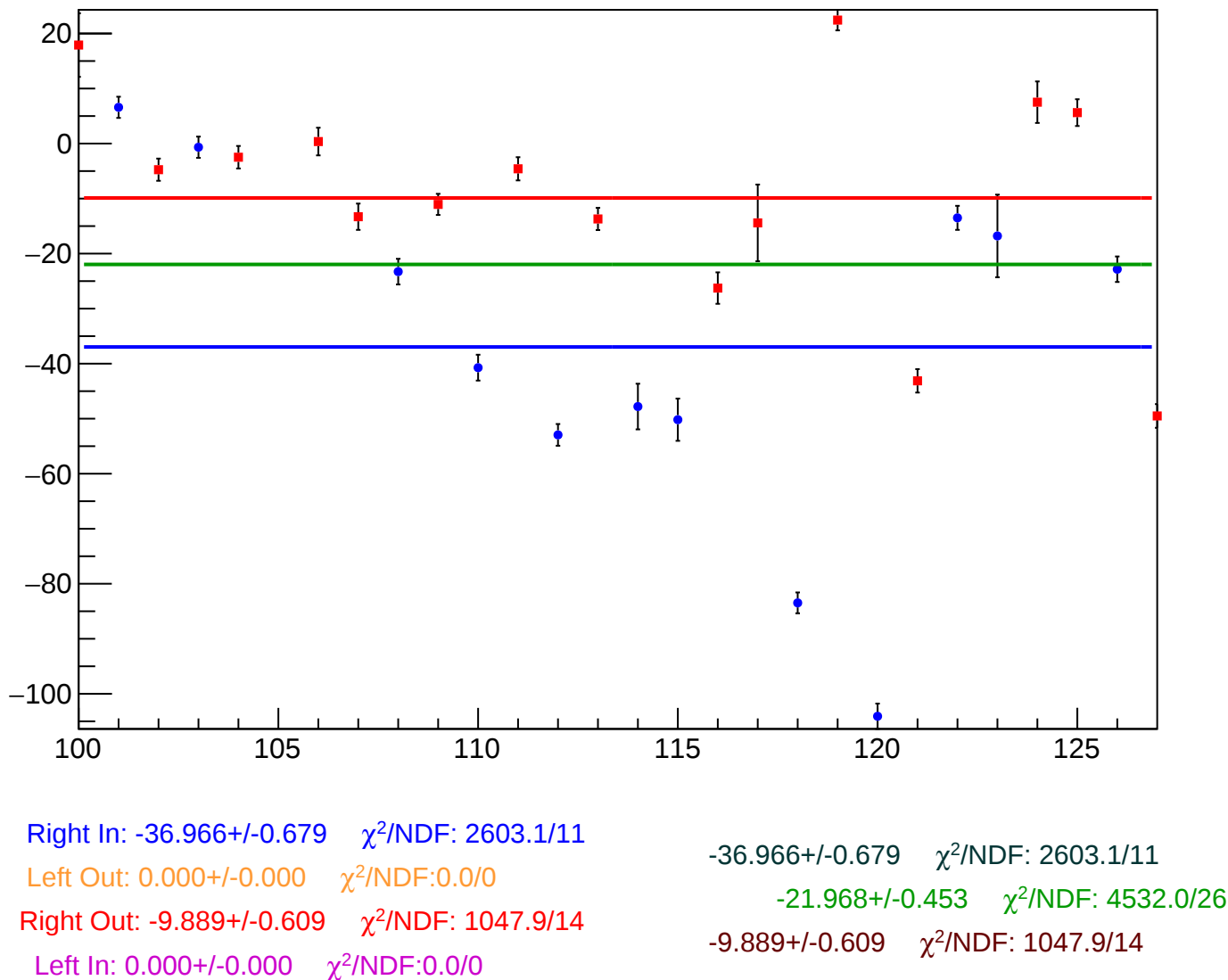
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1039.176+/-0.356 χ^2/NDF : 31466.5/11

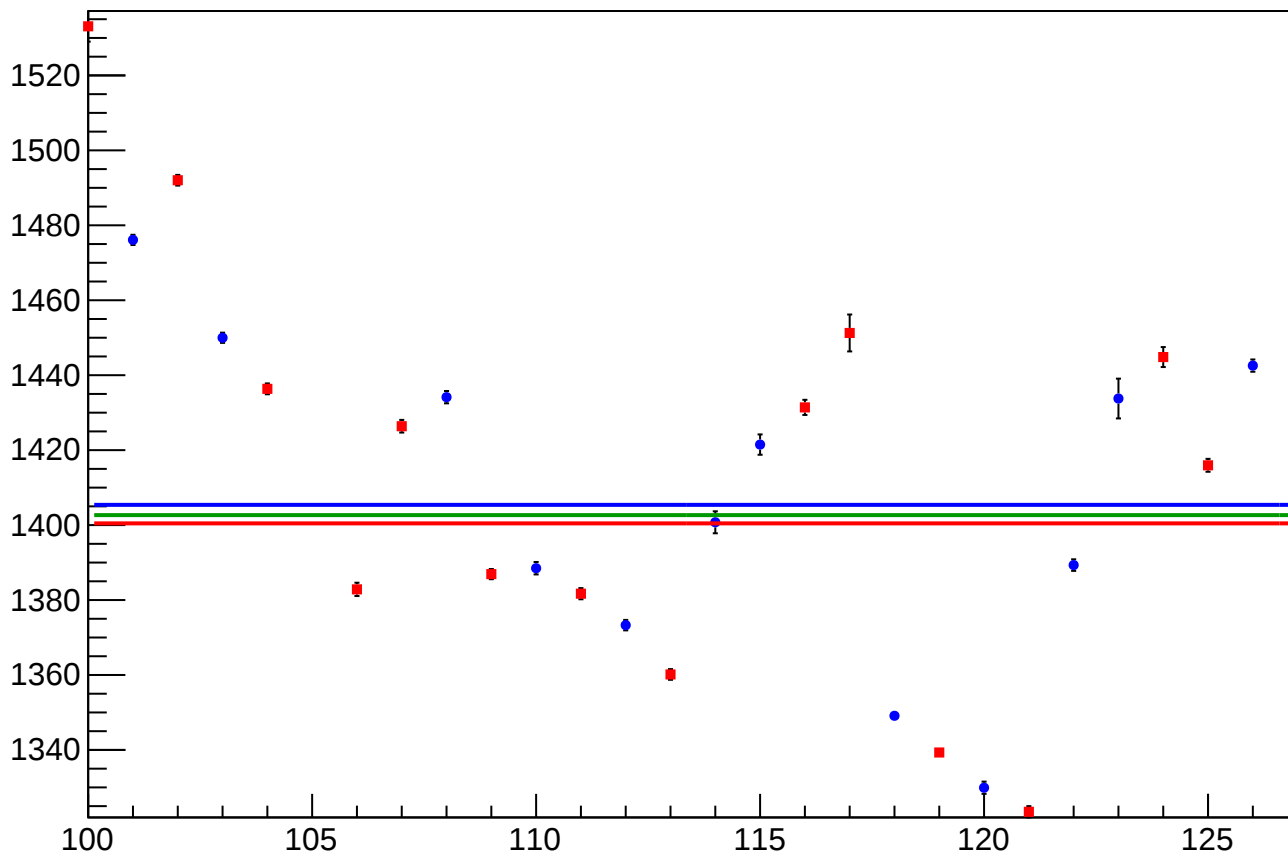
1038.293+/-0.238 χ^2/NDF : 73846.4/26

1037.579+/-0.320 χ^2/NDF : 42368.7/14

diff_bpm0i02X_mean vs Slug, Sign Corrected



diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1405.399 $\pm$ 0.480 χ^2/NDF : 9320.6/11

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

Right Out: 1400.457 $\pm$ 0.431 χ^2/NDF : 12851.9/14

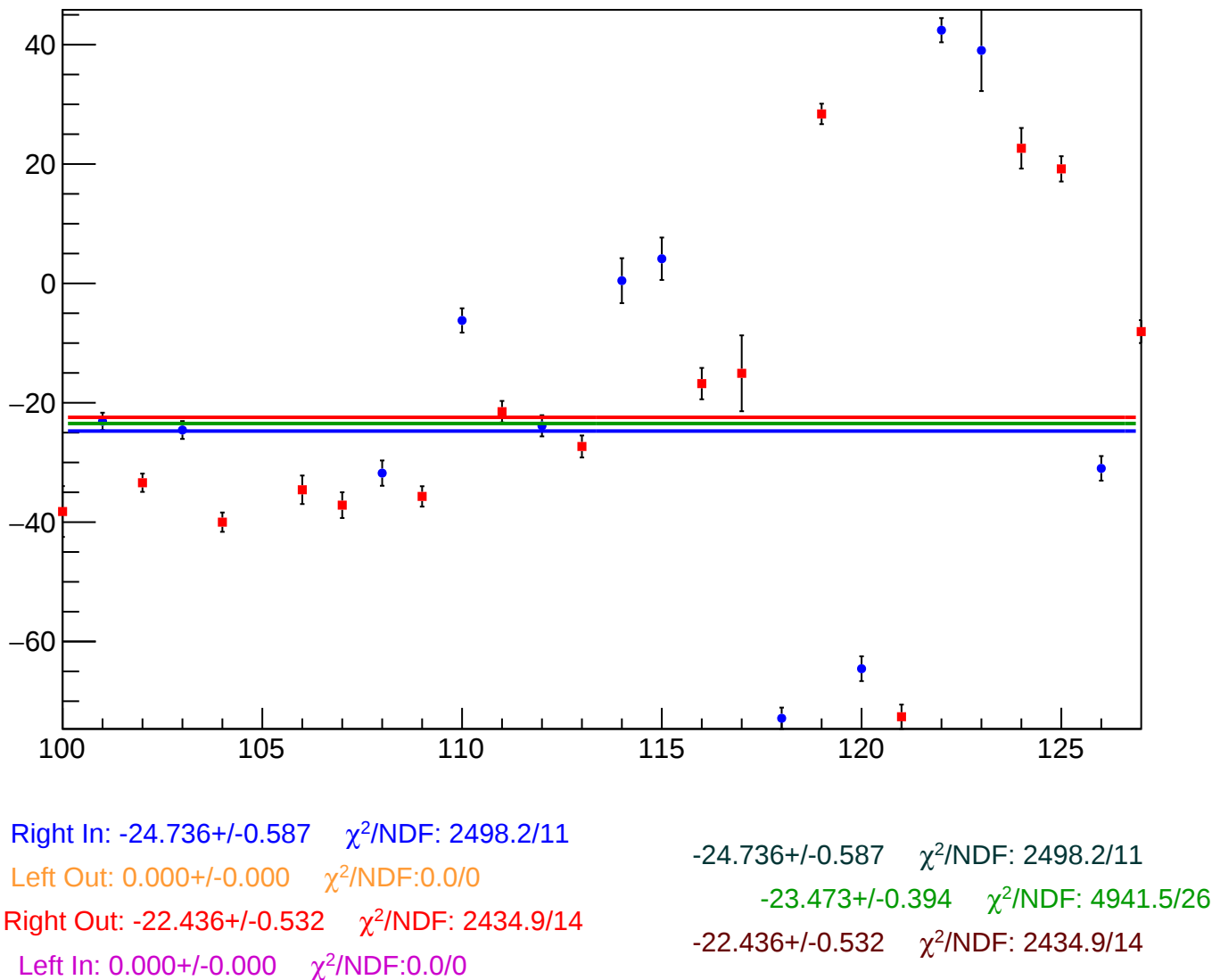
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1405.399 $\pm$ 0.480 χ^2/NDF : 9320.6/11

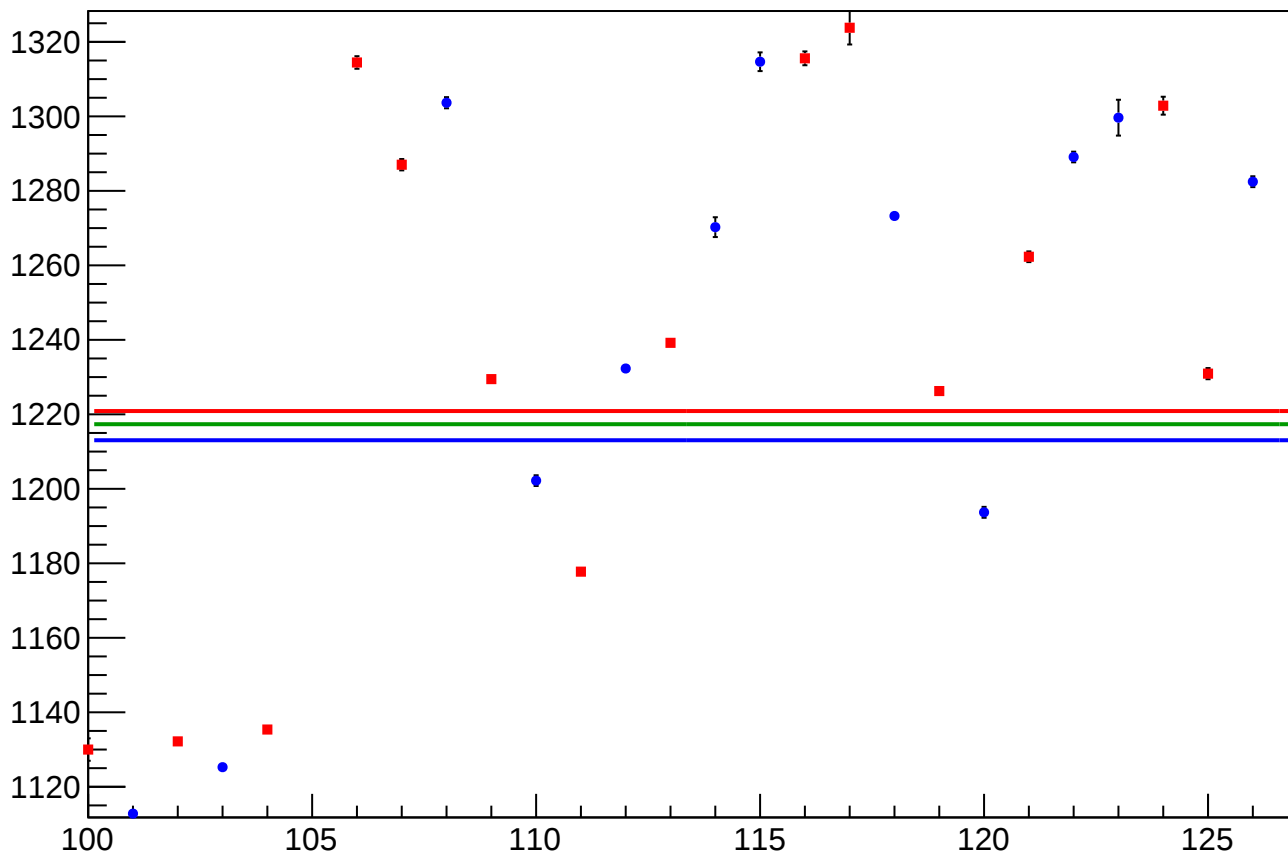
1402.661 $\pm$ 0.321 χ^2/NDF : 22231.2/26

1400.457 $\pm$ 0.431 χ^2/NDF : 12851.9/14

diff_bpm0i02Y_mean vs Slug, Sign Corrected



diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1213.044+/-0.415 χ^2/NDF : 30364.8/11

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

Right Out: 1220.884+/-0.376 χ^2/NDF : 25892.9/14

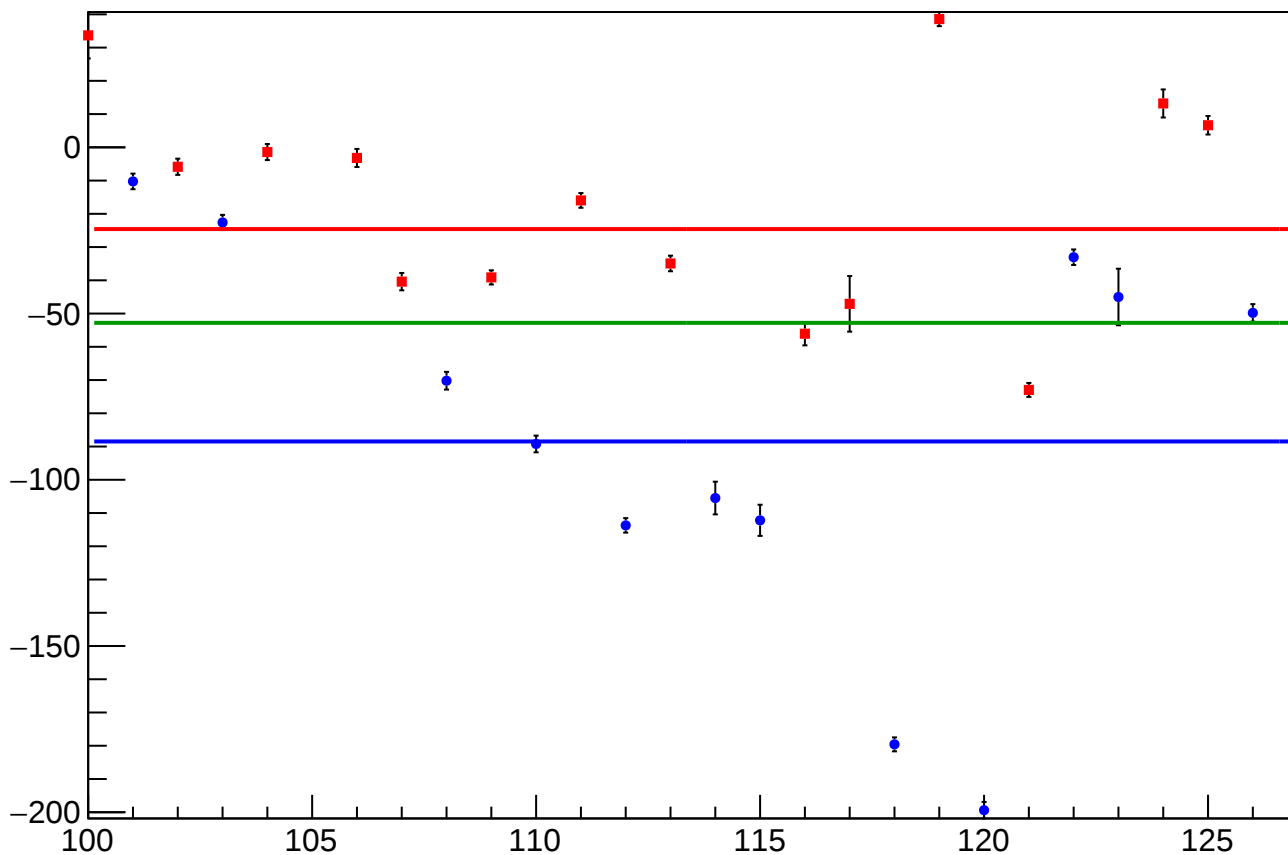
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1213.044+/-0.415 χ^2/NDF : 30364.8/11

1217.350+/-0.279 χ^2/NDF : 56453.7/26

1220.884+/-0.376 χ^2/NDF : 25892.9/14

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -88.471+/-0.767 χ^2/NDF : 6843.3/11

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

Right Out: -24.587+/-0.682 χ^2/NDF : 2919.1/14

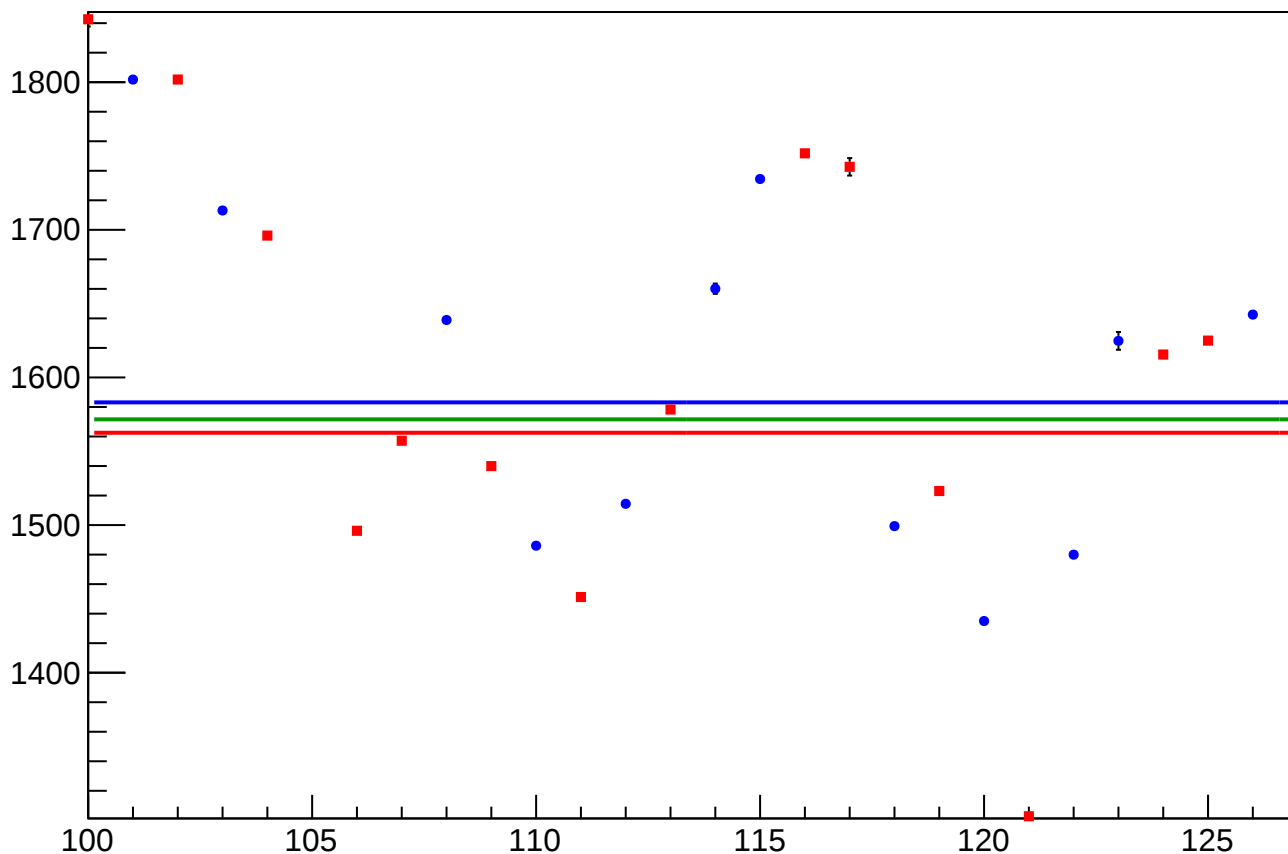
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-88.471+/-0.767 χ^2/NDF : 6843.3/11

-52.796+/-0.510 χ^2/NDF : 13638.3/26

-24.587+/-0.682 χ^2/NDF : 2919.1/14

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1583.110+/-0.542 χ^2/NDF : 47557.2/11

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

Right Out: 1562.531+/-0.482 χ^2/NDF : 74846.2/14

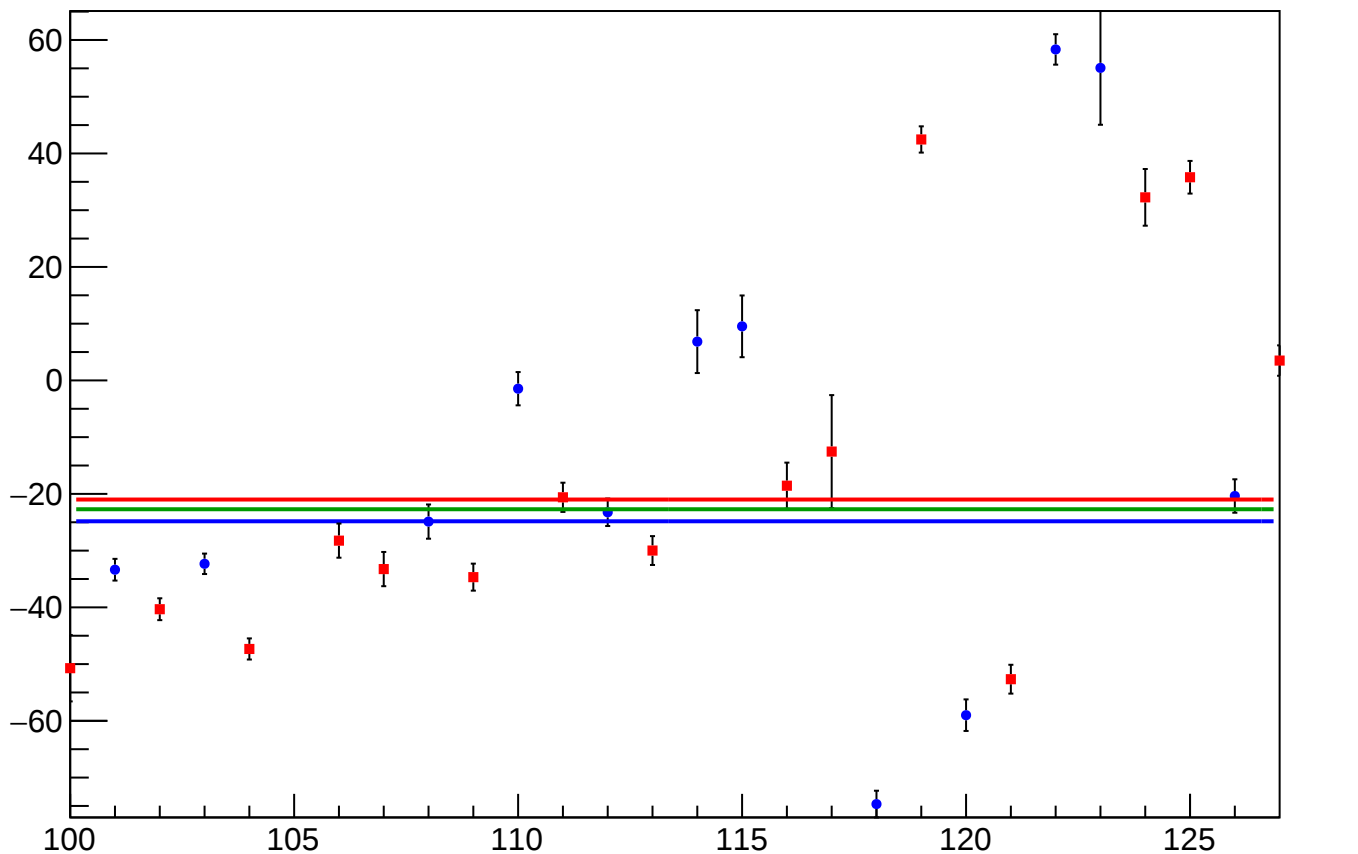
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1583.110+/-0.542 χ^2/NDF : 47557.2/11

1571.618+/-0.360 χ^2/NDF : 123207.8/26

1562.531+/-0.482 χ^2/NDF : 74846.2/14

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -24.827 $\pm$ 0.786 χ^2 /NDF: 1798.3/11

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

Right Out: -20.994 $\pm$ 0.707 χ^2 /NDF: 1889.6/14

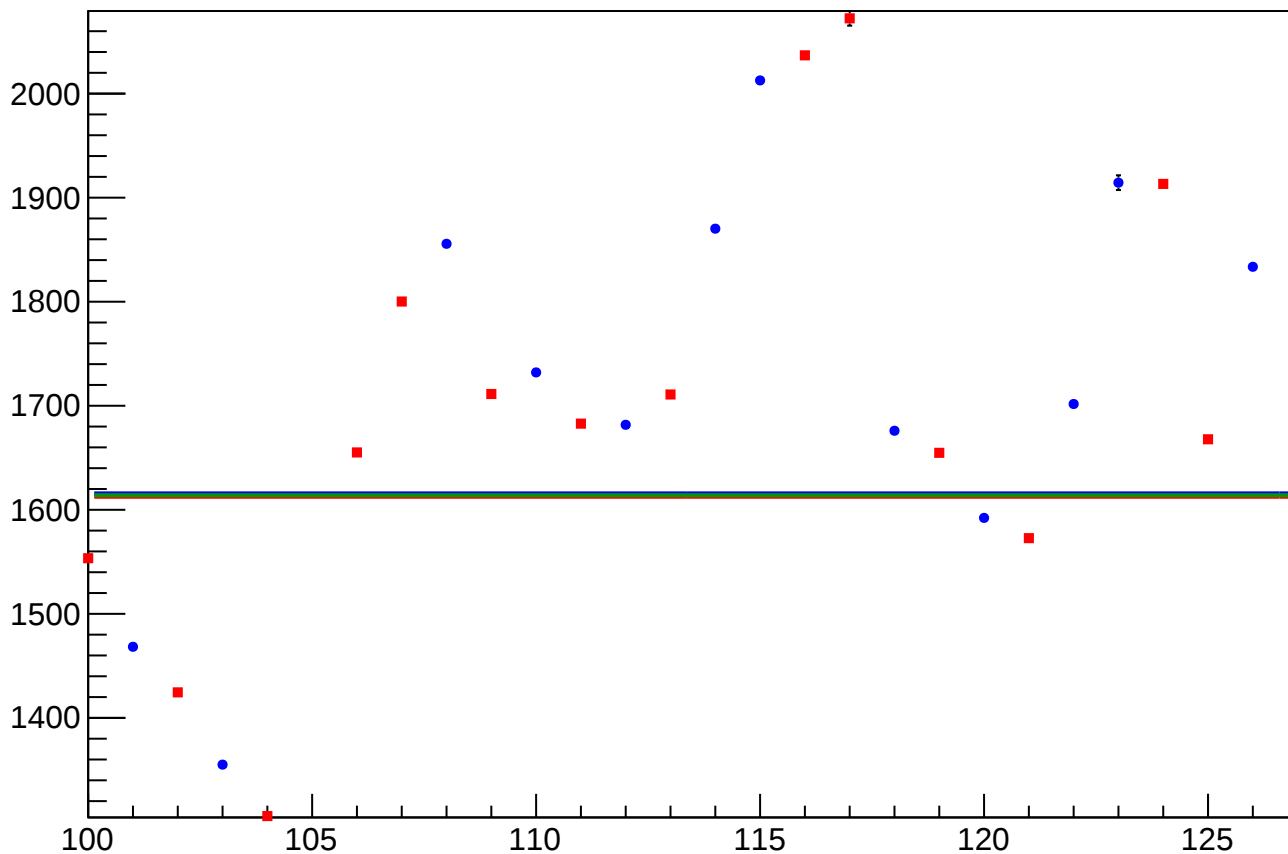
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-24.827 $\pm$ 0.786 χ^2 /NDF: 1798.3/11

-22.707 $\pm$ 0.526 χ^2 /NDF: 3701.0/26

-20.994 $\pm$ 0.707 χ^2 /NDF: 1889.6/14

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1615.798 $\pm$ 0.556 χ^2 /NDF: 102082.4/11

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

Right Out: 1612.527 $\pm$ 0.500 χ^2 /NDF: 131637.5/14

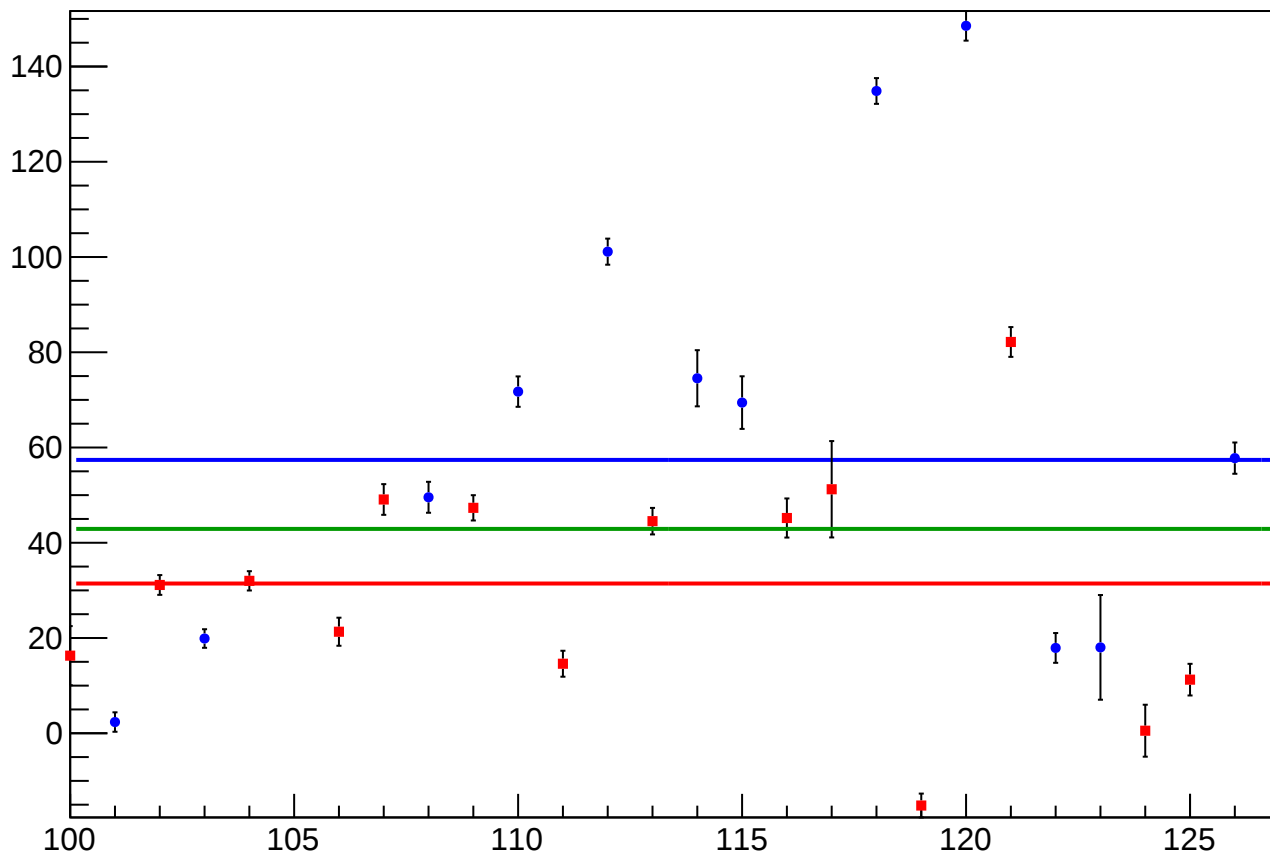
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1615.798 $\pm$ 0.556 χ^2 /NDF: 102082.4/11

1613.989 $\pm$ 0.372 χ^2 /NDF: 233739.0/26

1612.527 $\pm$ 0.500 χ^2 /NDF: 131637.5/14

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 57.397 $\pm$ 0.866 χ^2 /NDF: 3241.7/11

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

Right Out: 31.441 $\pm$ 0.770 χ^2 /NDF: 881.6/14

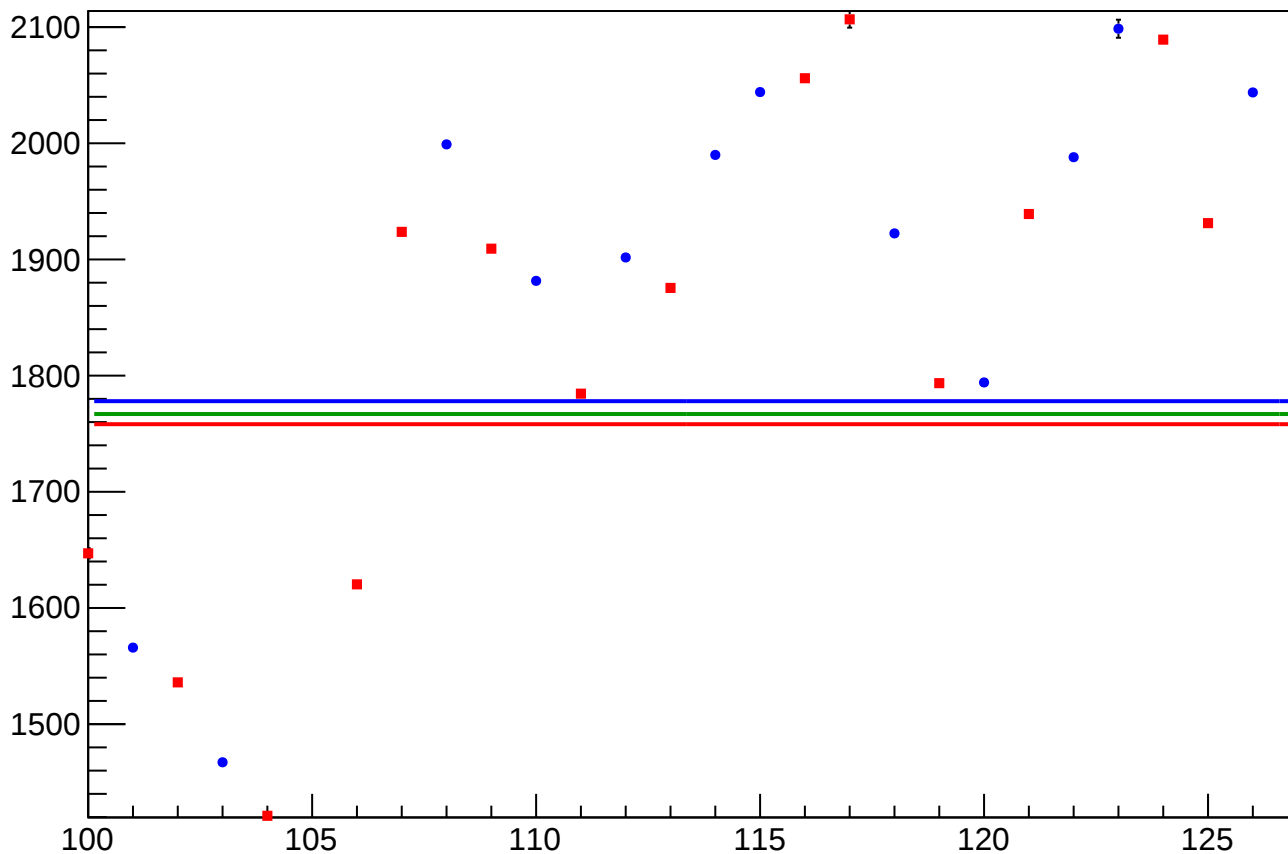
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

57.397 $\pm$ 0.866 χ^2 /NDF: 3241.7/11

42.910 $\pm$ 0.576 χ^2 /NDF: 4624.7/26

31.441 $\pm$ 0.770 χ^2 /NDF: 881.6/14

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1778.017 $\pm$ 0.612 χ^2 /NDF: 124592.4/11

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

Right Out: 1758.189 $\pm$ 0.545 χ^2 /NDF: 142200.2/14

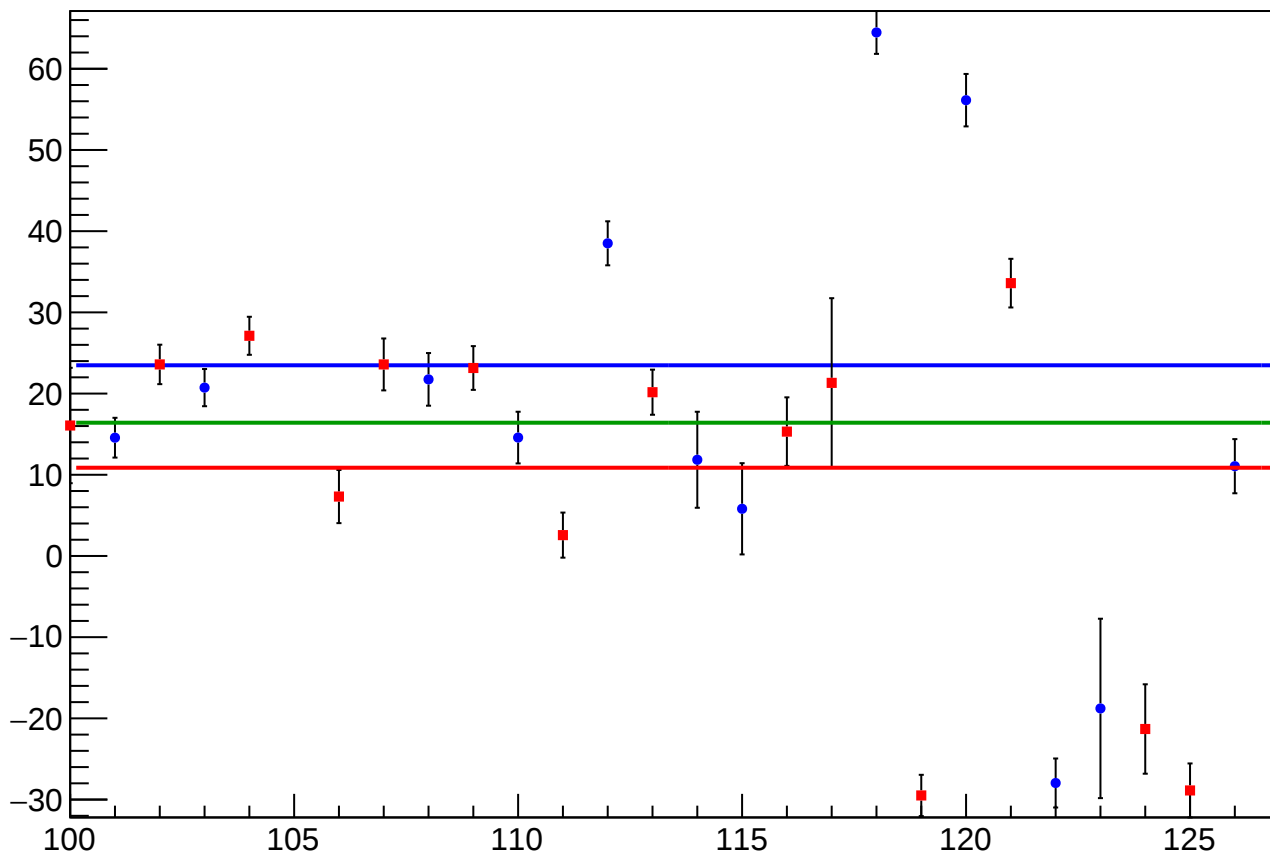
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1778.017 $\pm$ 0.612 χ^2 /NDF: 124592.4/11

1766.950 $\pm$ 0.407 χ^2 /NDF: 267377.8/26

1758.189 $\pm$ 0.545 χ^2 /NDF: 142200.2/14

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 23.483+/-0.915 χ^2/NDF : 729.7/11

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

Right Out: 10.867+/-0.810 χ^2/NDF : 623.0/14

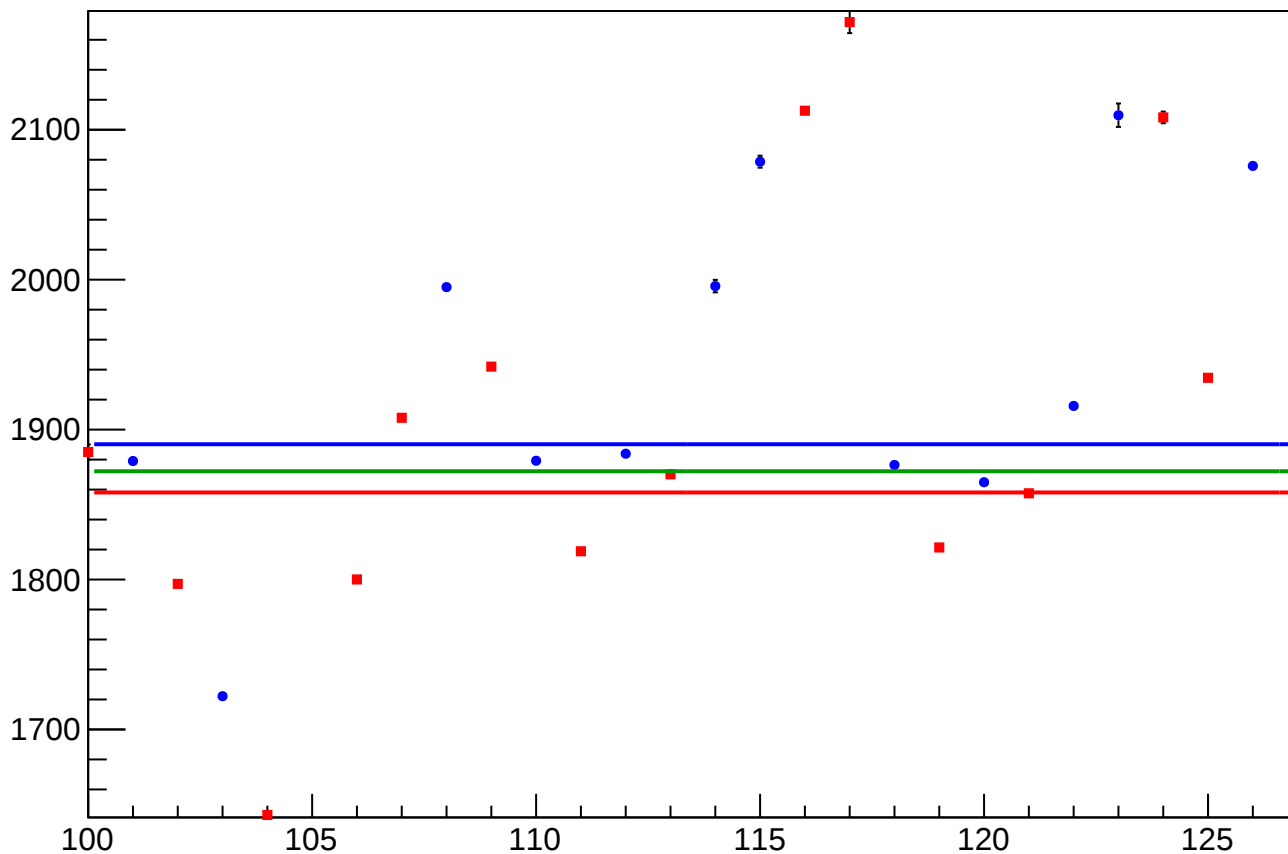
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

23.483+/-0.915 χ^2/NDF : 729.7/11

16.411+/-0.606 χ^2/NDF : 1459.3/26

10.867+/-0.810 χ^2/NDF : 623.0/14

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1890.228+/-0.647 χ^2/NDF : 23123.4/11

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

Right Out: 1858.067+/-0.573 χ^2/NDF : 40394.0/14

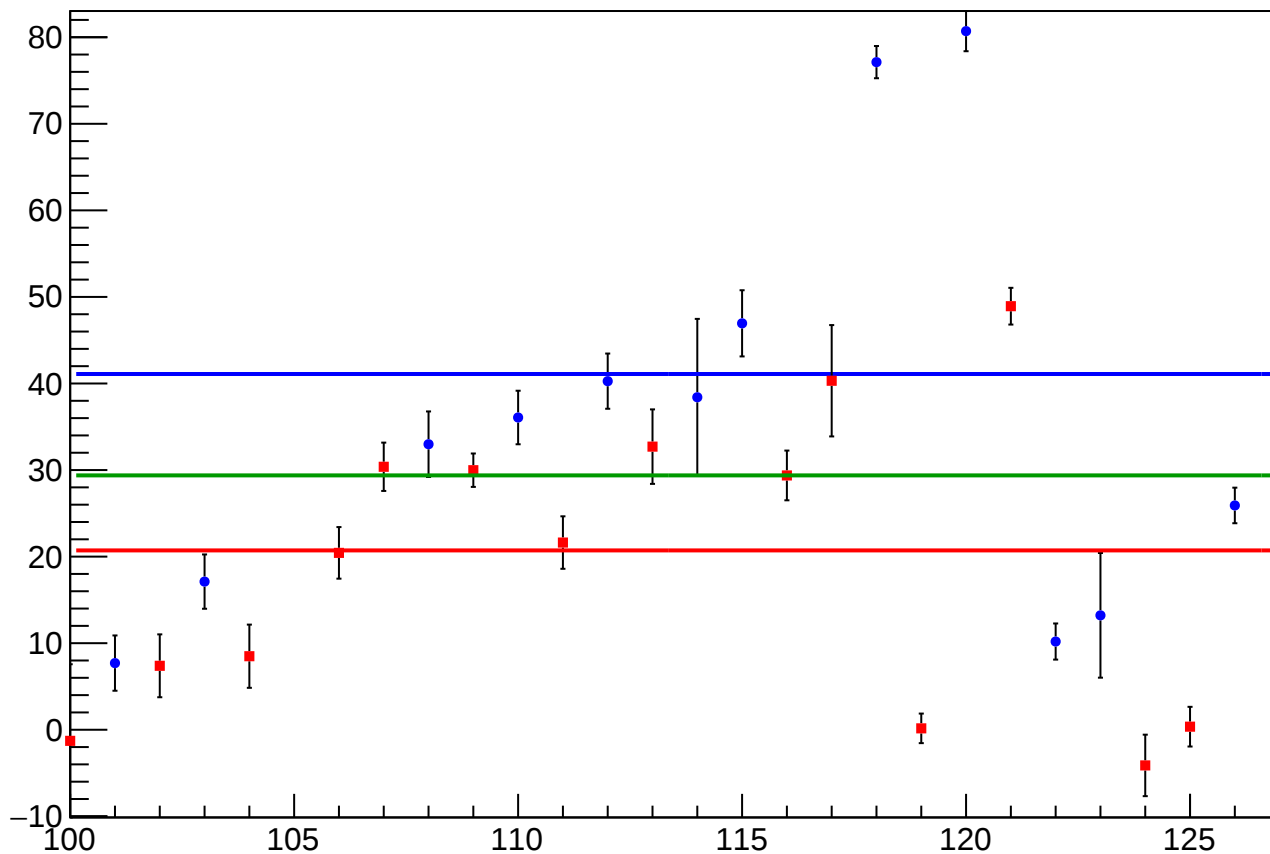
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1890.228+/-0.647 χ^2/NDF : 23123.4/11

1872.199+/-0.429 χ^2/NDF : 64903.1/26

1858.067+/-0.573 χ^2/NDF : 40394.0/14

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 41.096 $\pm$ 0.813 χ^2 /NDF: 1132.4/11

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

Right Out: 20.717 $\pm$ 0.699 χ^2 /NDF: 577.7/14

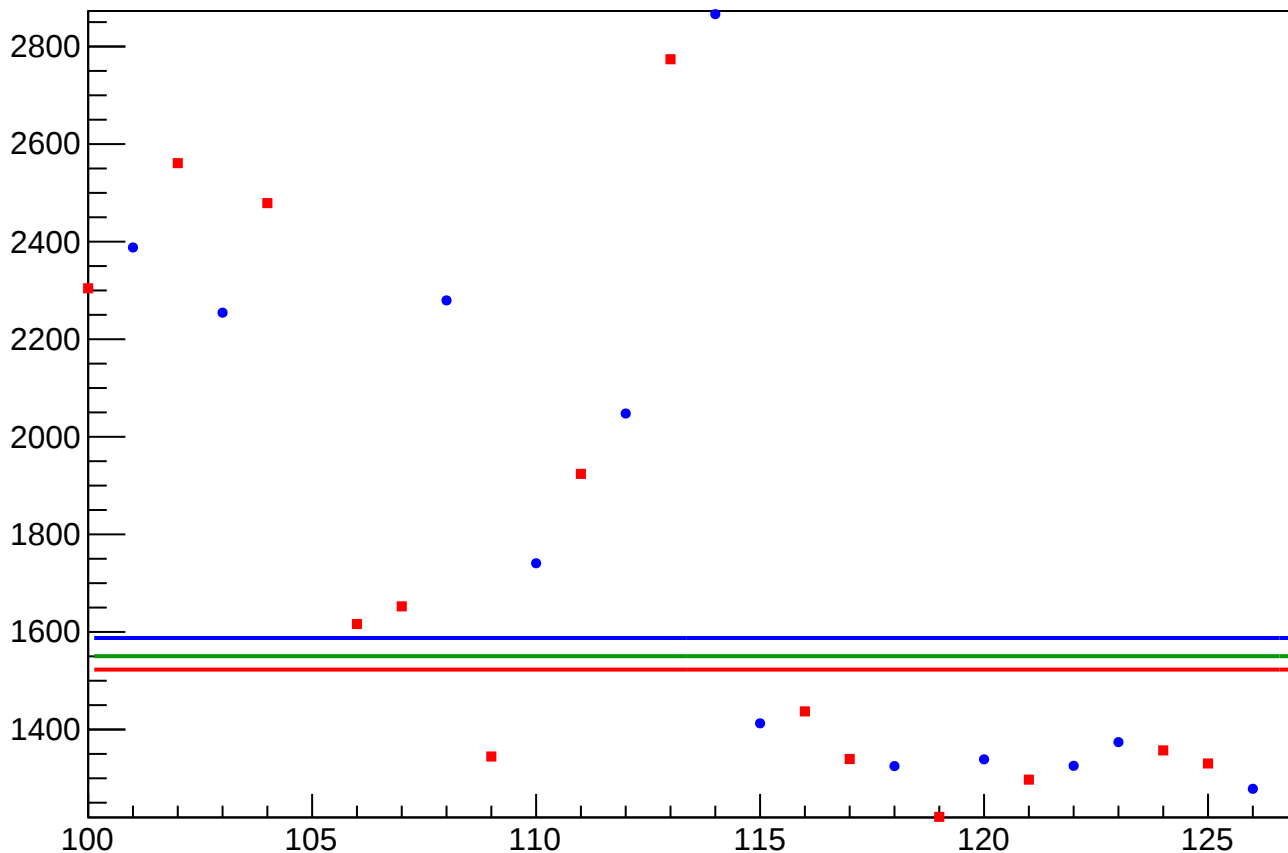
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

41.096 $\pm$ 0.813 χ^2 /NDF: 1132.4/11

29.384 $\pm$ 0.530 χ^2 /NDF: 2071.1/26

20.717 $\pm$ 0.699 χ^2 /NDF: 577.7/14

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1587.607 $\pm$ 0.575 χ^2 /NDF: 514868.3/11

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

Right Out: 1522.794 $\pm$ 0.495 χ^2 /NDF: 660065.4/14

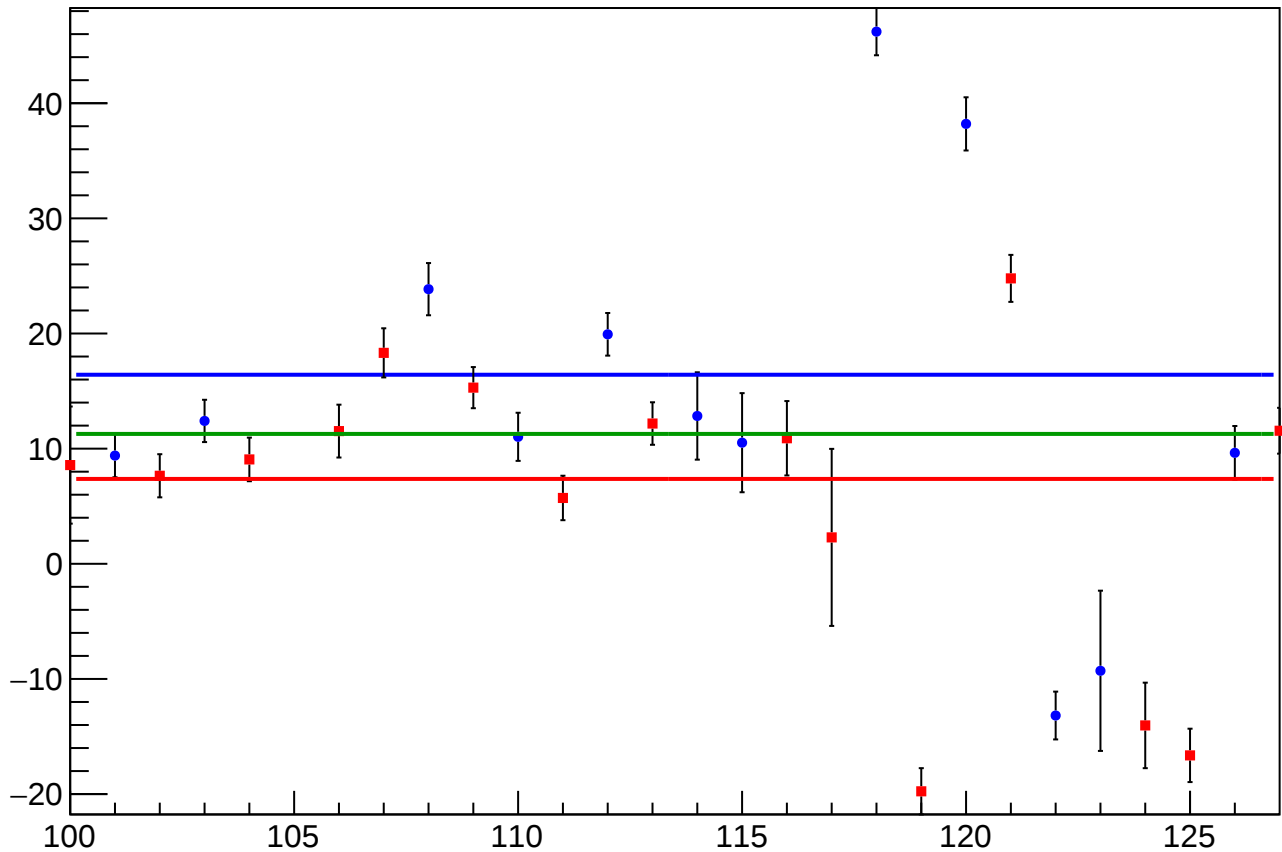
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1587.607 $\pm$ 0.575 χ^2 /NDF: 514868.3/11

1550.358 $\pm$ 0.375 χ^2 /NDF: 1182239.4/26

1522.794 $\pm$ 0.495 χ^2 /NDF: 660065.4/14

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.419+/-0.662 χ^2/NDF : 567.6/11

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

Right Out: 7.371+/-0.577 χ^2/NDF : 459.3/14

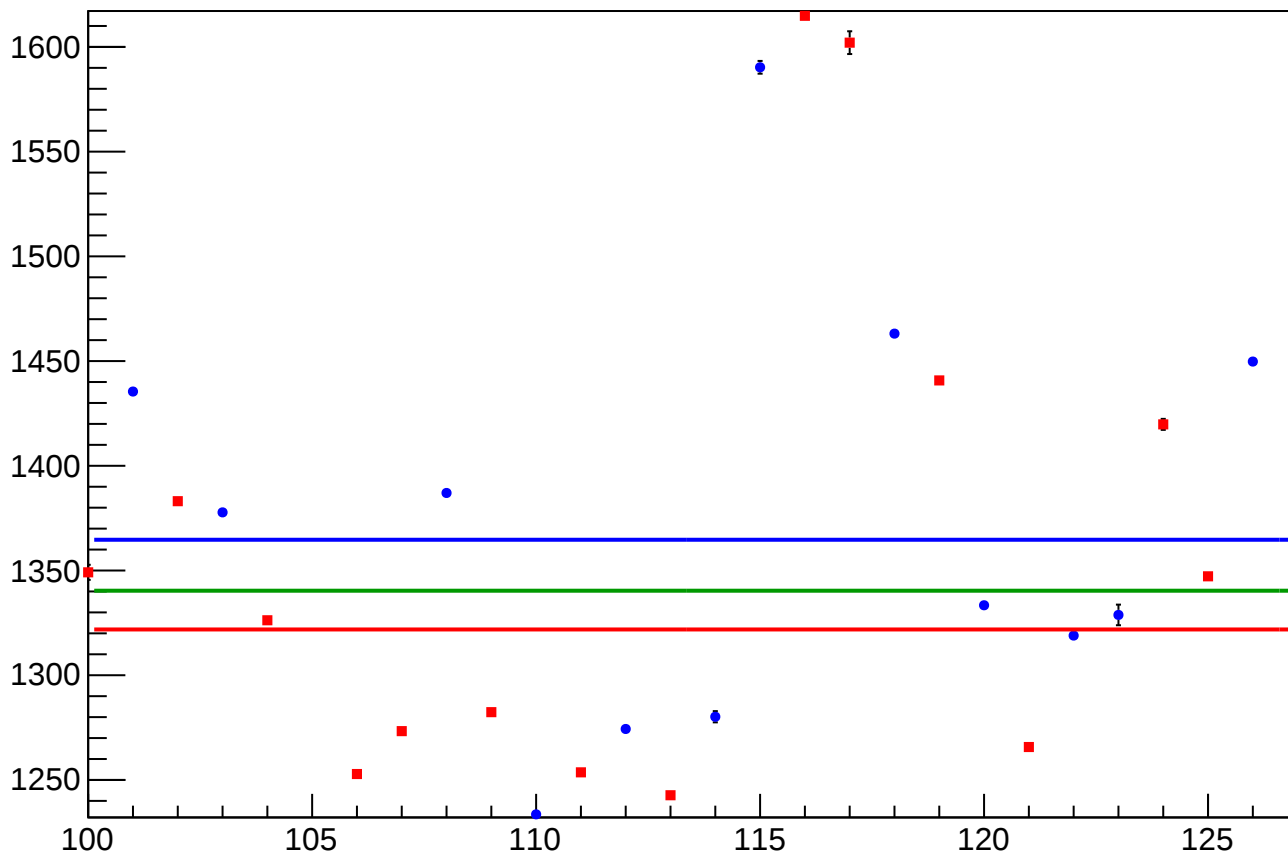
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.419+/-0.662 χ^2/NDF : 567.6/11

11.279+/-0.435 χ^2/NDF : 1132.9/26

7.371+/-0.577 χ^2/NDF : 459.3/14

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1364.687 ± 0.468 χ^2/NDF : 30920.5/11

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

Right Out: 1321.853 ± 0.408 χ^2/NDF : 41514.6/14

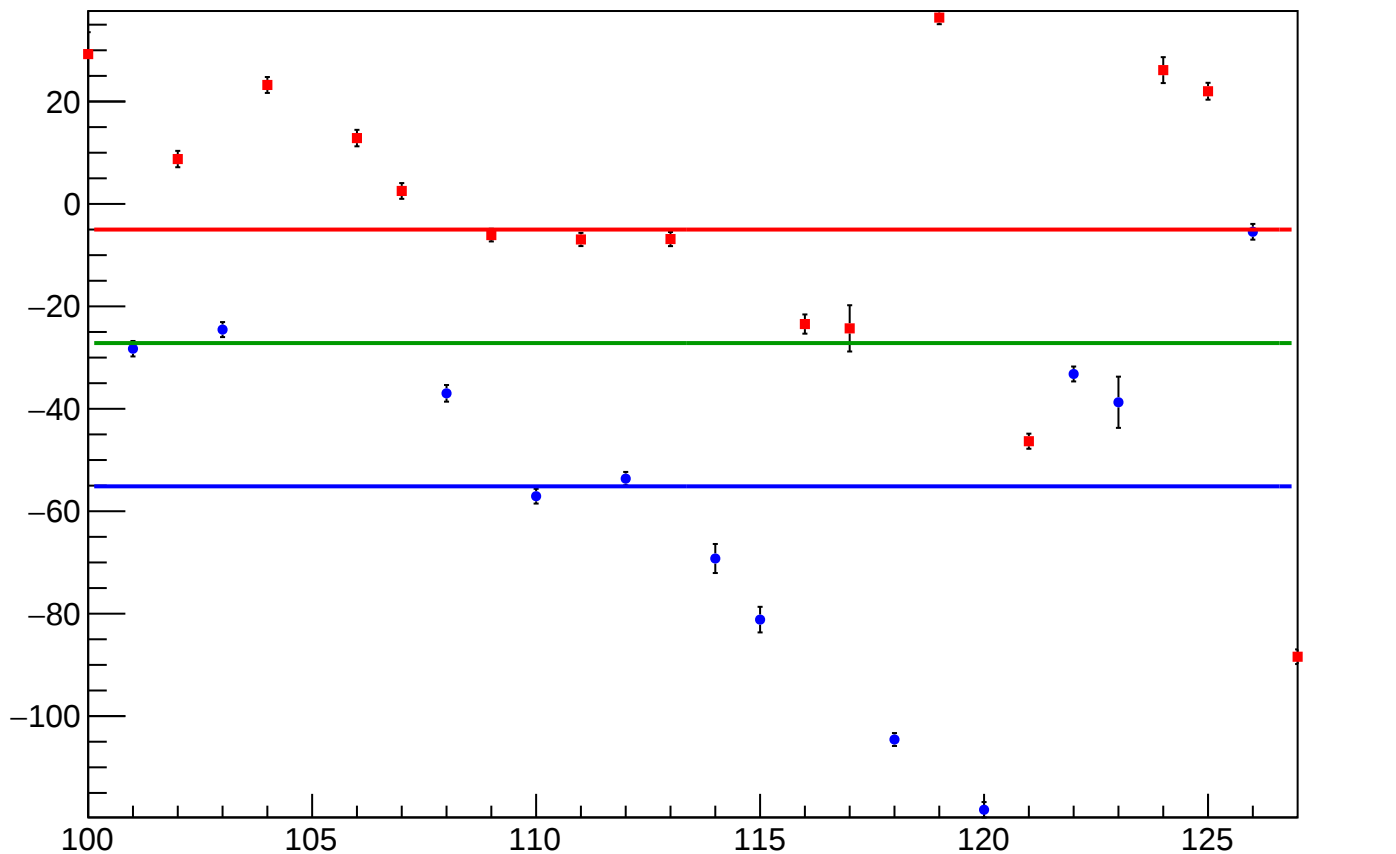
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1364.687 ± 0.468 χ^2/NDF : 30920.5/11

1340.356 ± 0.308 χ^2/NDF : 77188.3/26

1321.853 ± 0.408 χ^2/NDF : 41514.6/14

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -55.138 ± 0.464 χ^2/NDF : 5595.2/11

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

Right Out: -5.003 ± 0.413 χ^2/NDF : 6376.6/14

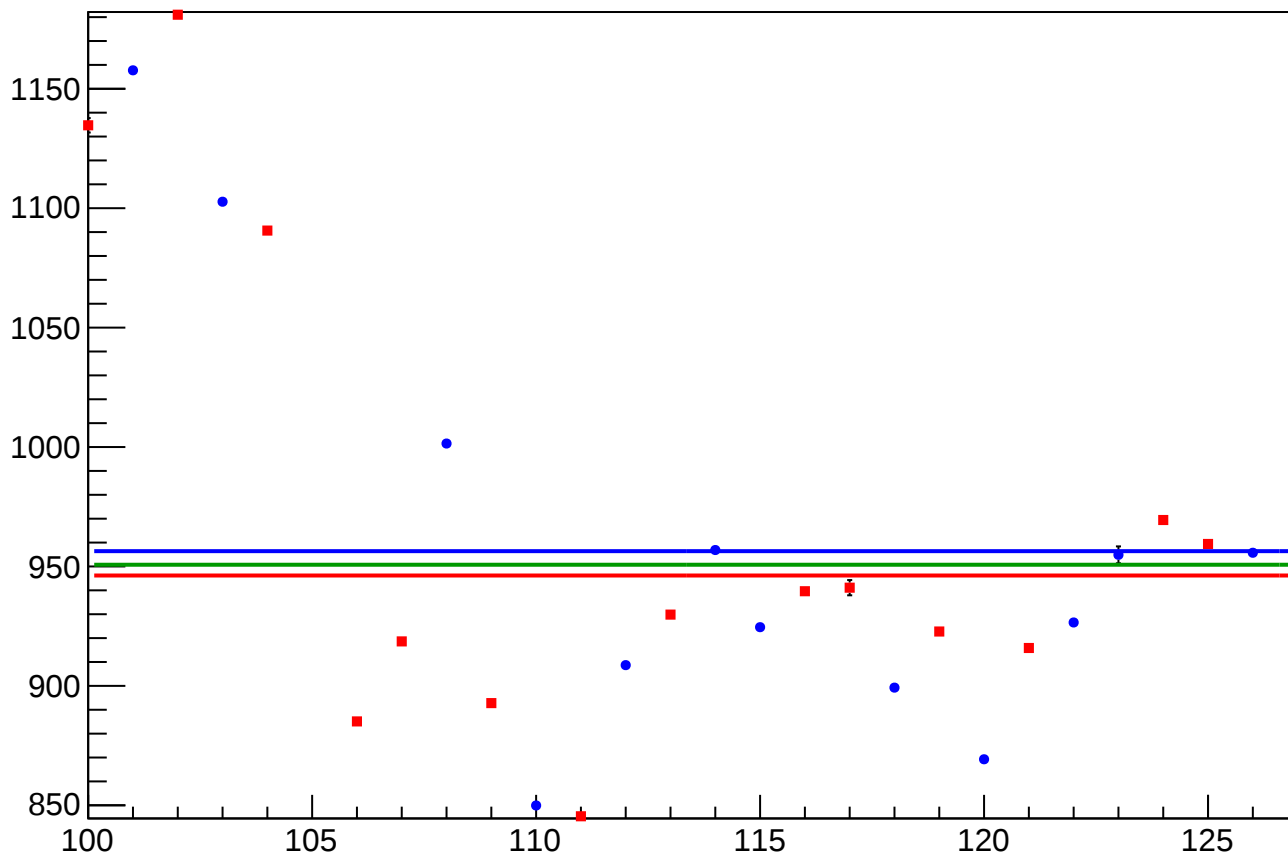
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-55.138 ± 0.464 χ^2/NDF : 5595.2/11

-27.165 ± 0.309 χ^2/NDF : 18479.6/26

-5.003 ± 0.413 χ^2/NDF : 6376.6/14

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 956.408 $\pm$ 0.328 χ^2 /NDF: 82603.3/11

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

Right Out: 946.211 $\pm$ 0.292 χ^2 /NDF: 85905.2/14

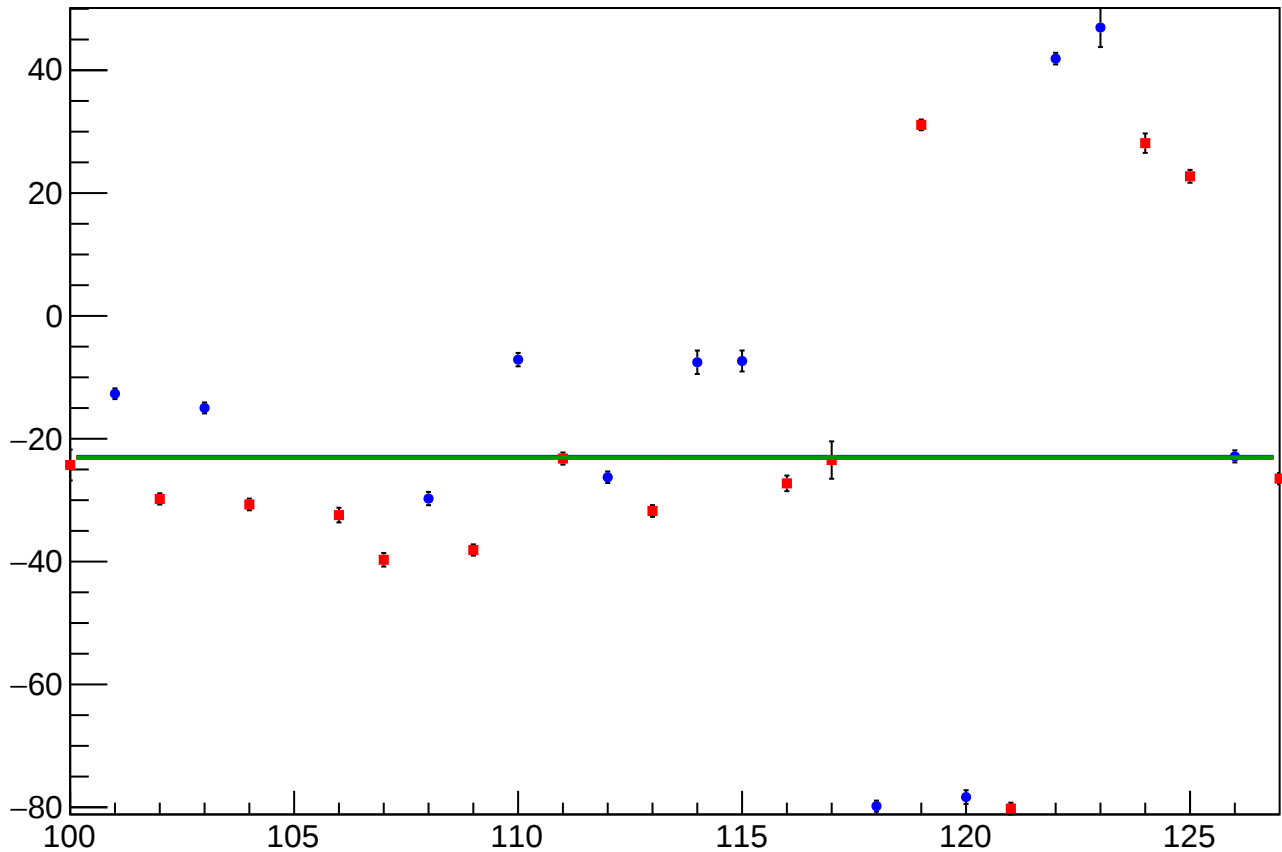
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

956.408 $\pm$ 0.328 χ^2 /NDF: 82603.3/11

950.718 $\pm$ 0.218 χ^2 /NDF: 169046.9/26

946.211 $\pm$ 0.292 χ^2 /NDF: 85905.2/14

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -22.949+/-0.312 χ^2/NDF : 12294.3/11

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

Right Out: -23.108+/-0.278 χ^2/NDF : 11168.2/14

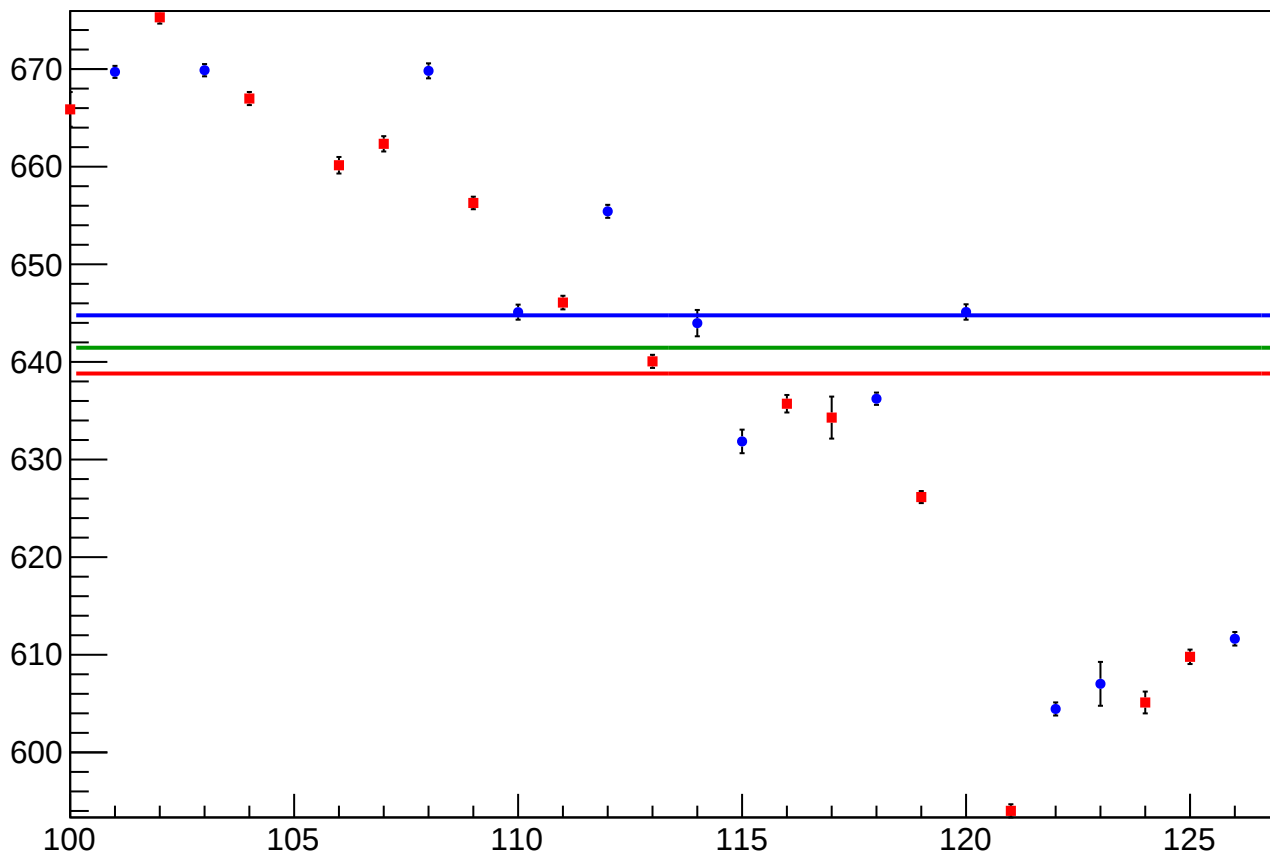
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-22.949+/-0.312 χ^2/NDF : 12294.3/11

-23.037+/-0.207 χ^2/NDF : 23462.6/26

-23.108+/-0.278 χ^2/NDF : 11168.2/14

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 644.771 $\pm$ 0.220 χ^2 /NDF: 10999.0/11

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

Right Out: 638.812 $\pm$ 0.197 χ^2 /NDF: 16959.9/14

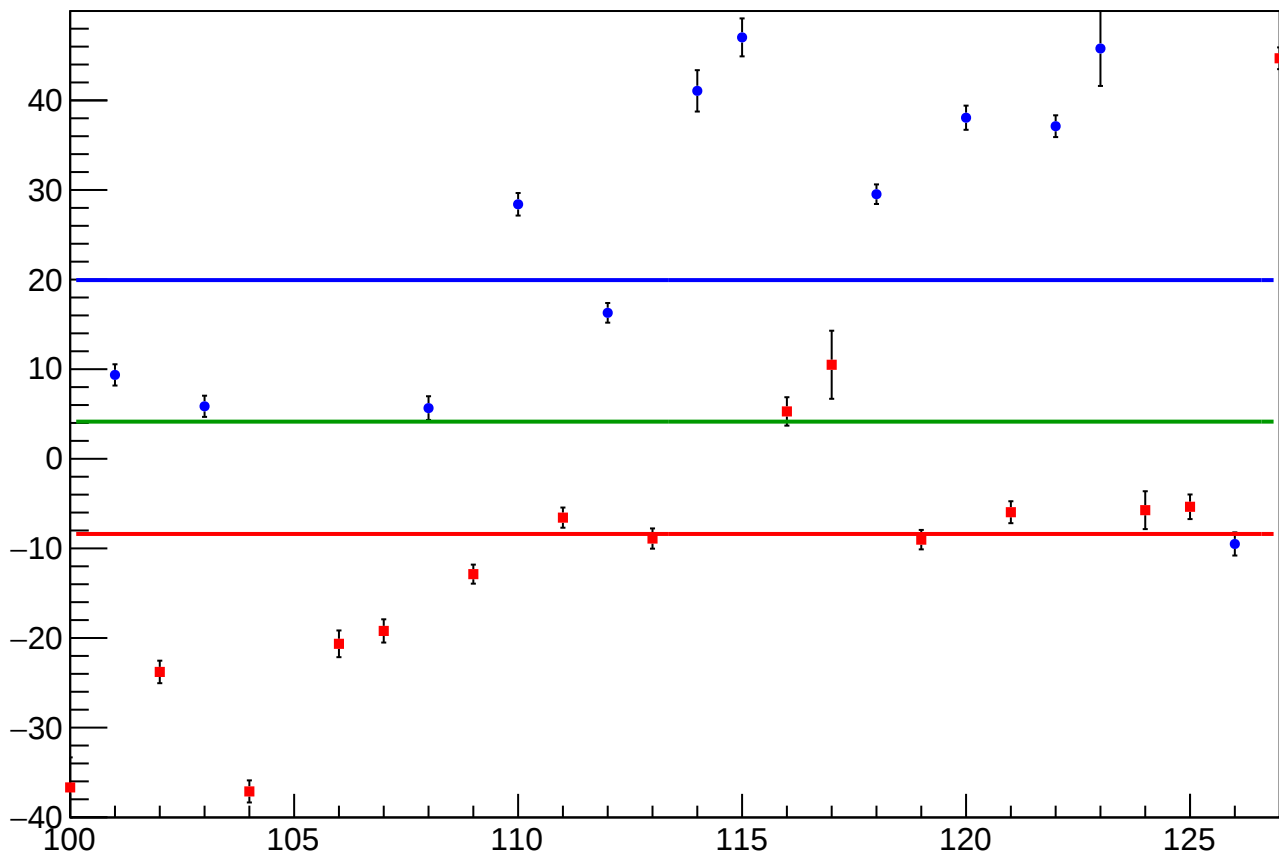
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

644.771 $\pm$ 0.220 χ^2 /NDF: 10999.0/11

641.453 $\pm$ 0.147 χ^2 /NDF: 28366.5/26

638.812 $\pm$ 0.197 χ^2 /NDF: 16959.9/14

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 19.943+/-0.390 χ^2/NDF : 1656.8/11

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

Right Out: -8.389+/-0.347 χ^2/NDF : 2946.6/14

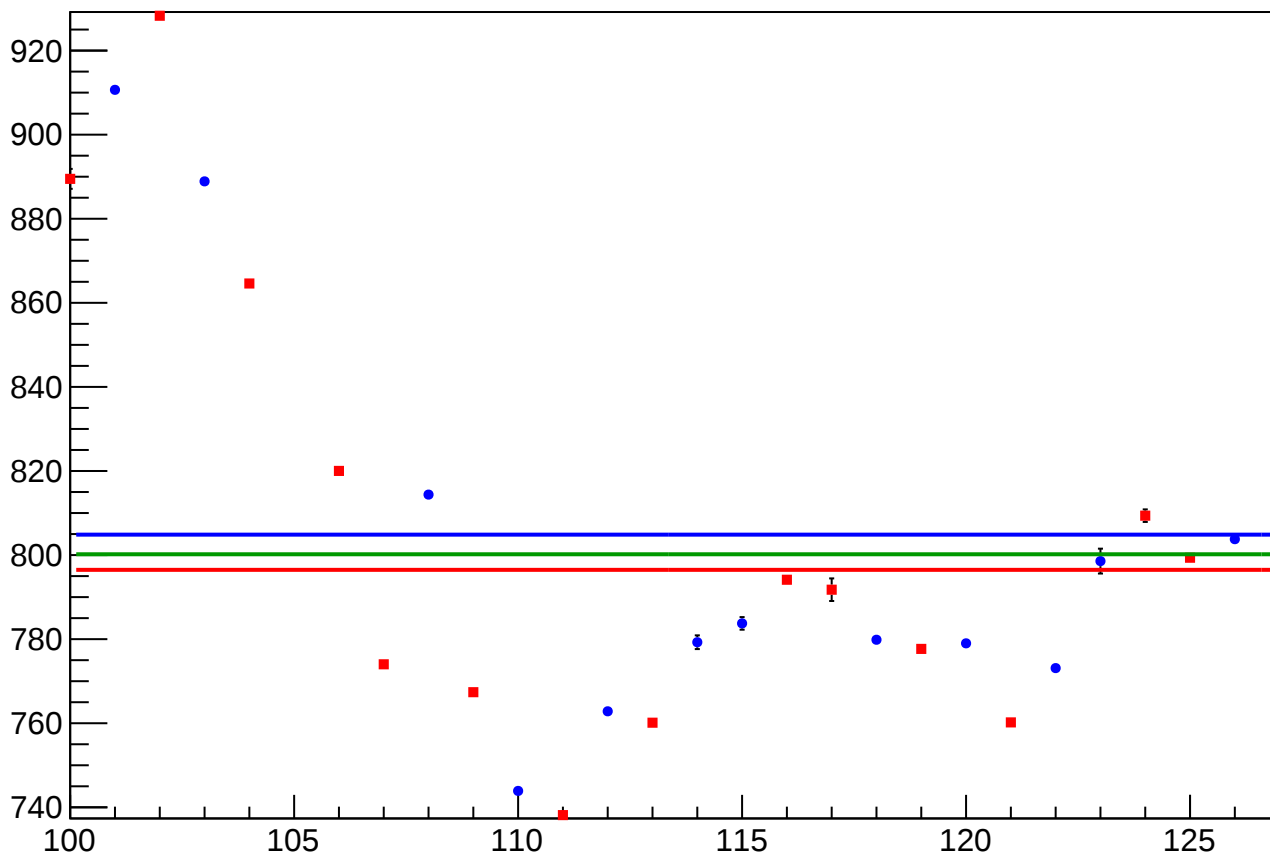
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.943+/-0.390 χ^2/NDF : 1656.8/11

4.148+/-0.259 χ^2/NDF : 7552.5/26

-8.389+/-0.347 χ^2/NDF : 2946.6/14

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 804.859+/-0.275 χ^2/NDF : 37314.2/11

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

Right Out: 796.486+/-0.245 χ^2/NDF : 42202.2/14

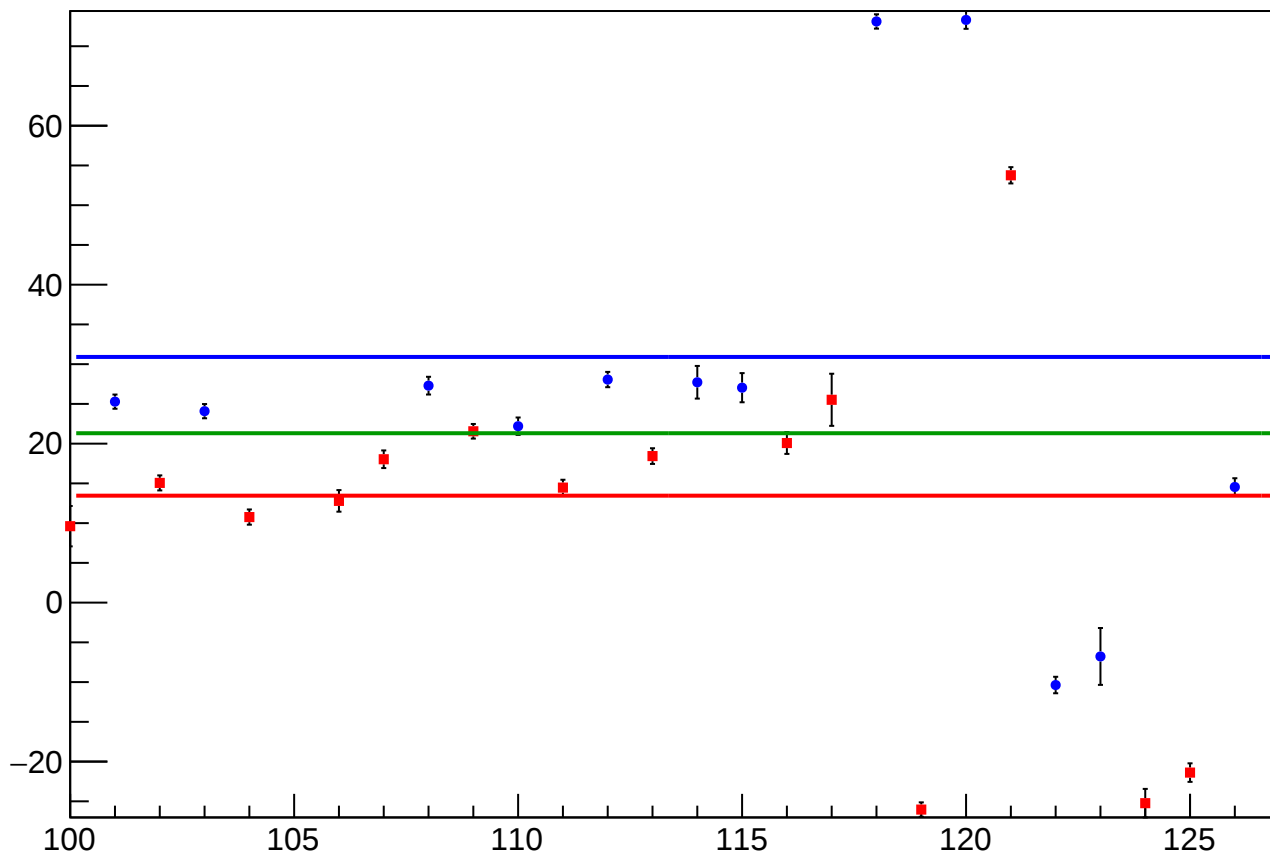
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

804.859+/-0.275 χ^2/NDF : 37314.2/11

800.191+/-0.183 χ^2/NDF : 80031.6/26

796.486+/-0.245 χ^2/NDF : 42202.2/14

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 30.909+/-0.323 χ^2 /NDF: 5721.2/11

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

Right Out: 13.455+/-0.292 χ^2 /NDF: 5633.8/14

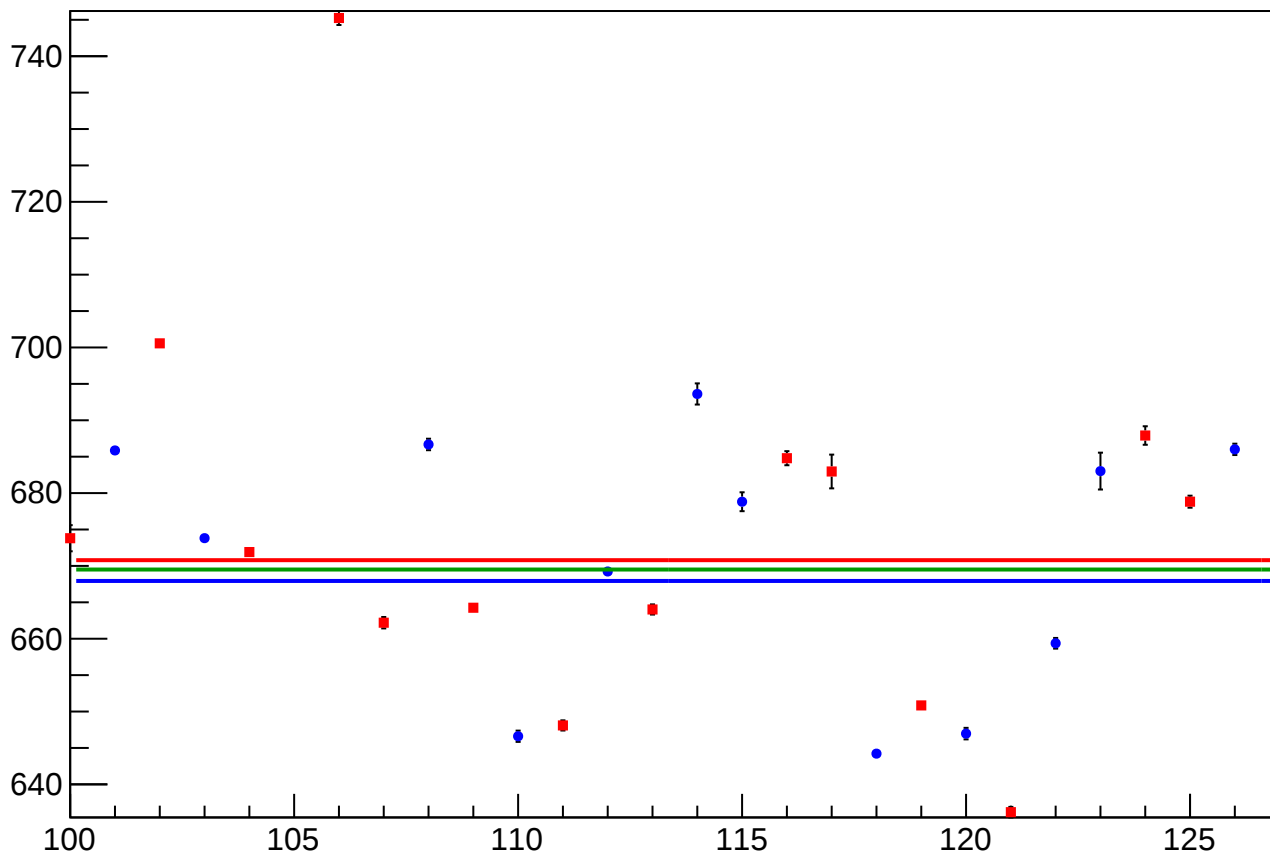
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

30.909+/-0.323 χ^2 /NDF: 5721.2/11

21.311+/-0.216 χ^2 /NDF: 12964.4/26

13.455+/-0.292 χ^2 /NDF: 5633.8/14

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 667.934 $\pm$ 0.228 χ^2 /NDF: 5391.9/11

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

Right Out: 670.788 $\pm$ 0.206 χ^2 /NDF: 13226.6/14

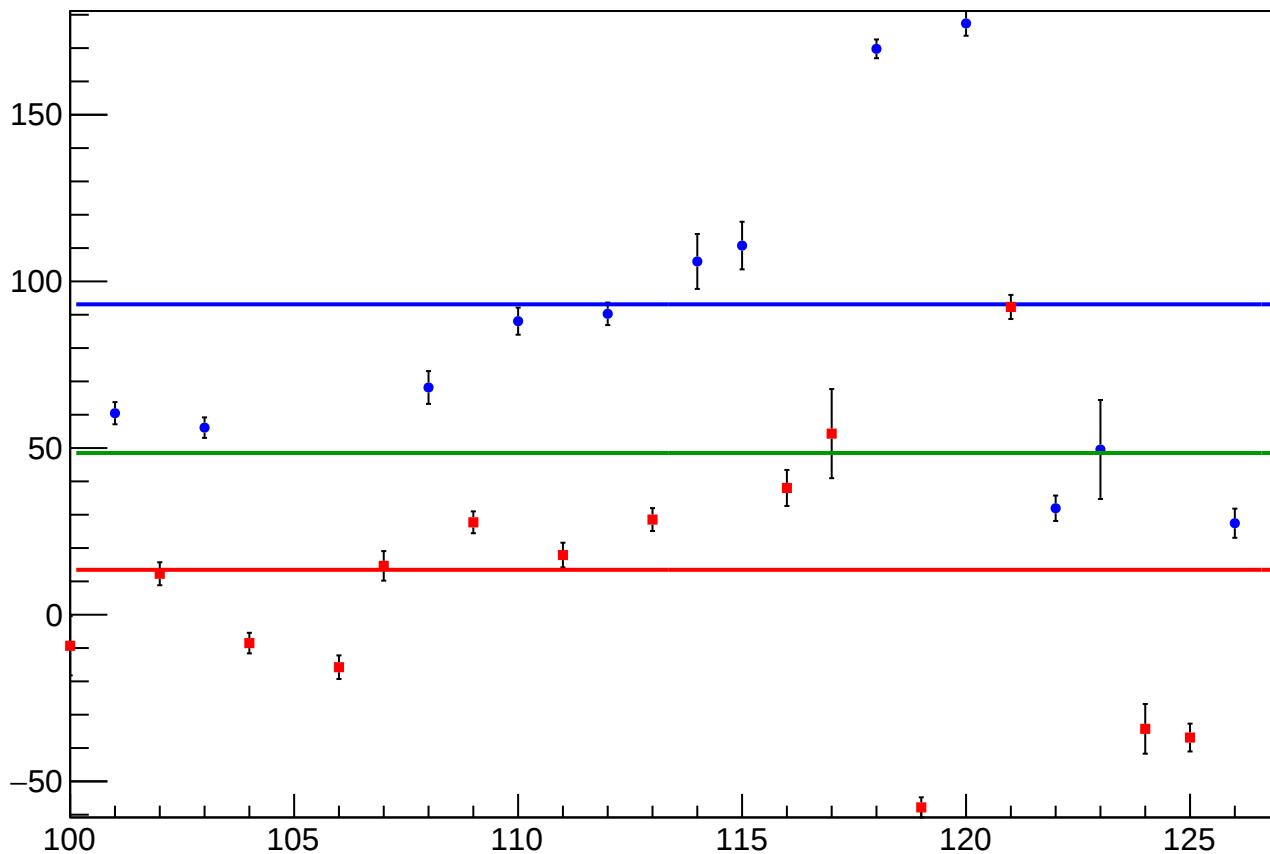
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

667.934 $\pm$ 0.228 χ^2 /NDF: 5391.9/11

669.503 $\pm$ 0.153 χ^2 /NDF: 18704.6/26

670.788 $\pm$ 0.206 χ^2 /NDF: 13226.6/14

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 93.121+/-1.159 χ^2 /NDF: 2024.6/11

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

Right Out: 13.469+/-1.028 χ^2 /NDF: 2076.0/14

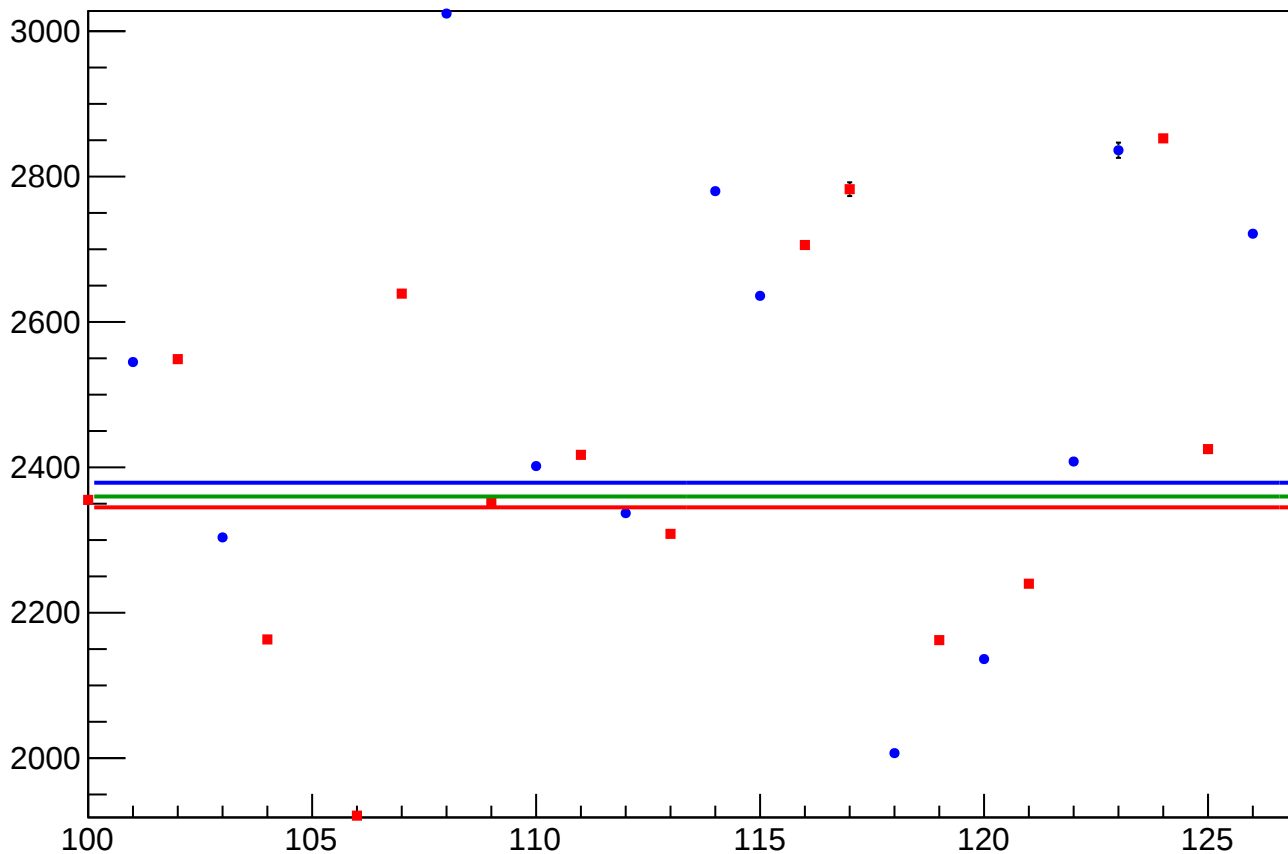
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

93.121+/-1.159 χ^2 /NDF: 2024.6/11

48.517+/-0.769 χ^2 /NDF: 6744.5/26

13.469+/-1.028 χ^2 /NDF: 2076.0/14

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2378.869 $\pm$ 0.820 χ^2 /NDF: 105976.7/11

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

Right Out: 2344.991 $\pm$ 0.727 χ^2 /NDF: 91446.8/14

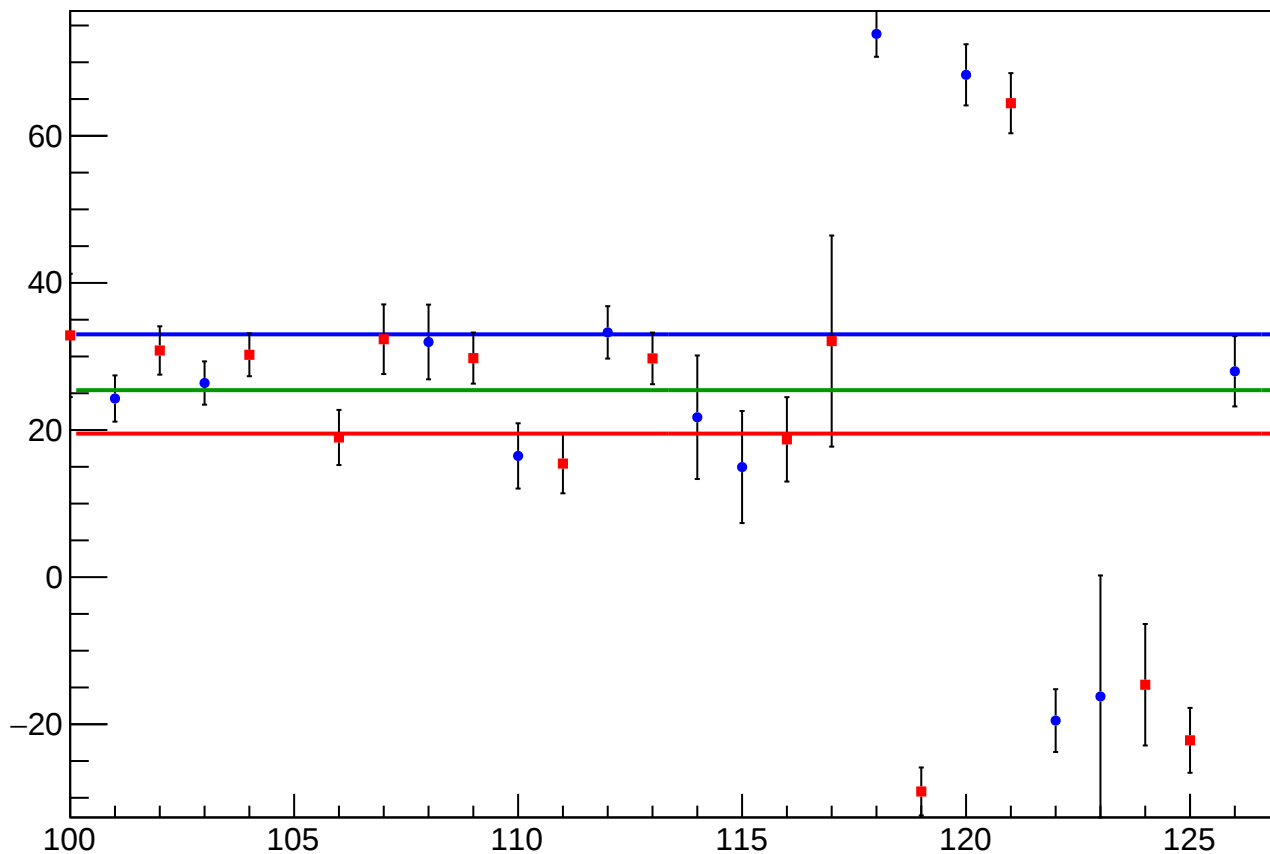
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2378.869 $\pm$ 0.820 χ^2 /NDF: 105976.7/11

2359.898 $\pm$ 0.544 χ^2 /NDF: 198380.1/26

2344.991 $\pm$ 0.727 χ^2 /NDF: 91446.8/14

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 33.010 $\pm$ 1.212 χ^2 /NDF: 440.1/11

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

Right Out: 19.514 $\pm$ 1.070 χ^2 /NDF: 503.8/14

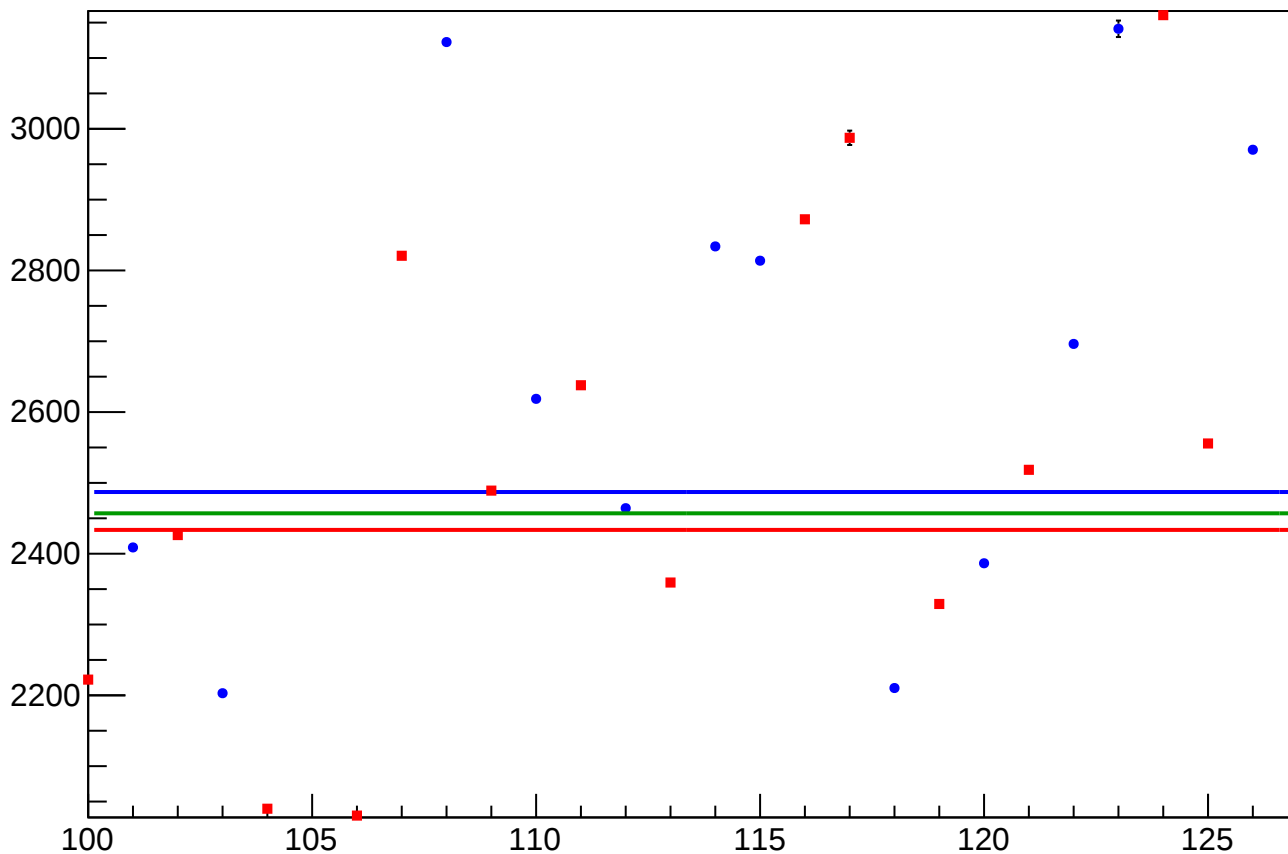
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

33.010 $\pm$ 1.212 χ^2 /NDF: 440.1/11

25.421 $\pm$ 0.802 χ^2 /NDF: 1013.5/26

19.514 $\pm$ 1.070 χ^2 /NDF: 503.8/14

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2487.122+/-0.857 χ^2/NDF : 105585.7/11

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

Right Out: 2433.610+/-0.756 χ^2/NDF : 133662.1/14

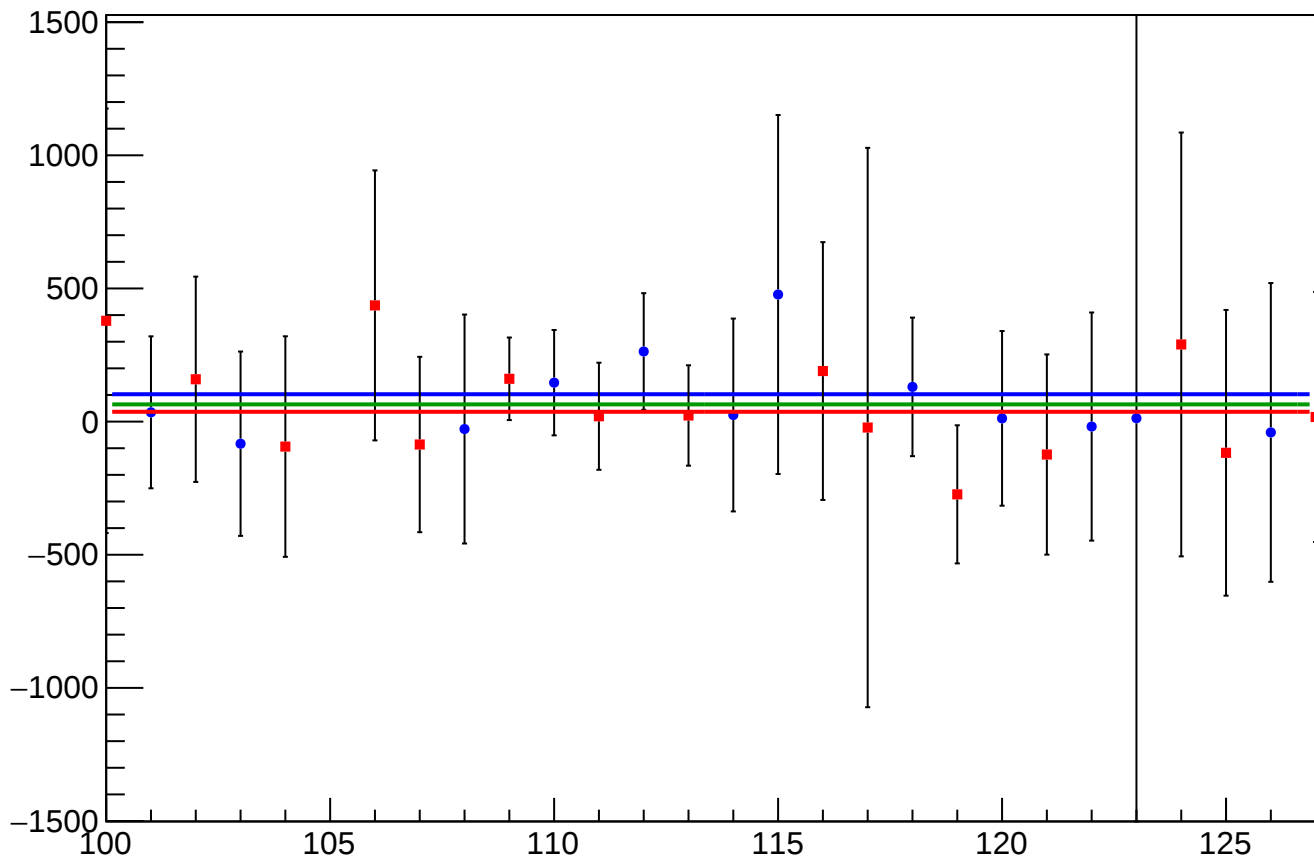
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2487.122+/-0.857 χ^2/NDF : 105585.7/11

2457.032+/-0.567 χ^2/NDF : 241438.4/26

2433.610+/-0.756 χ^2/NDF : 133662.1/14

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 102.768 $\pm$ 93.093 χ^2 /NDF: 1.6/11

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

Right Out: 36.851 $\pm$ 79.442 χ^2 /NDF: 3.7/14

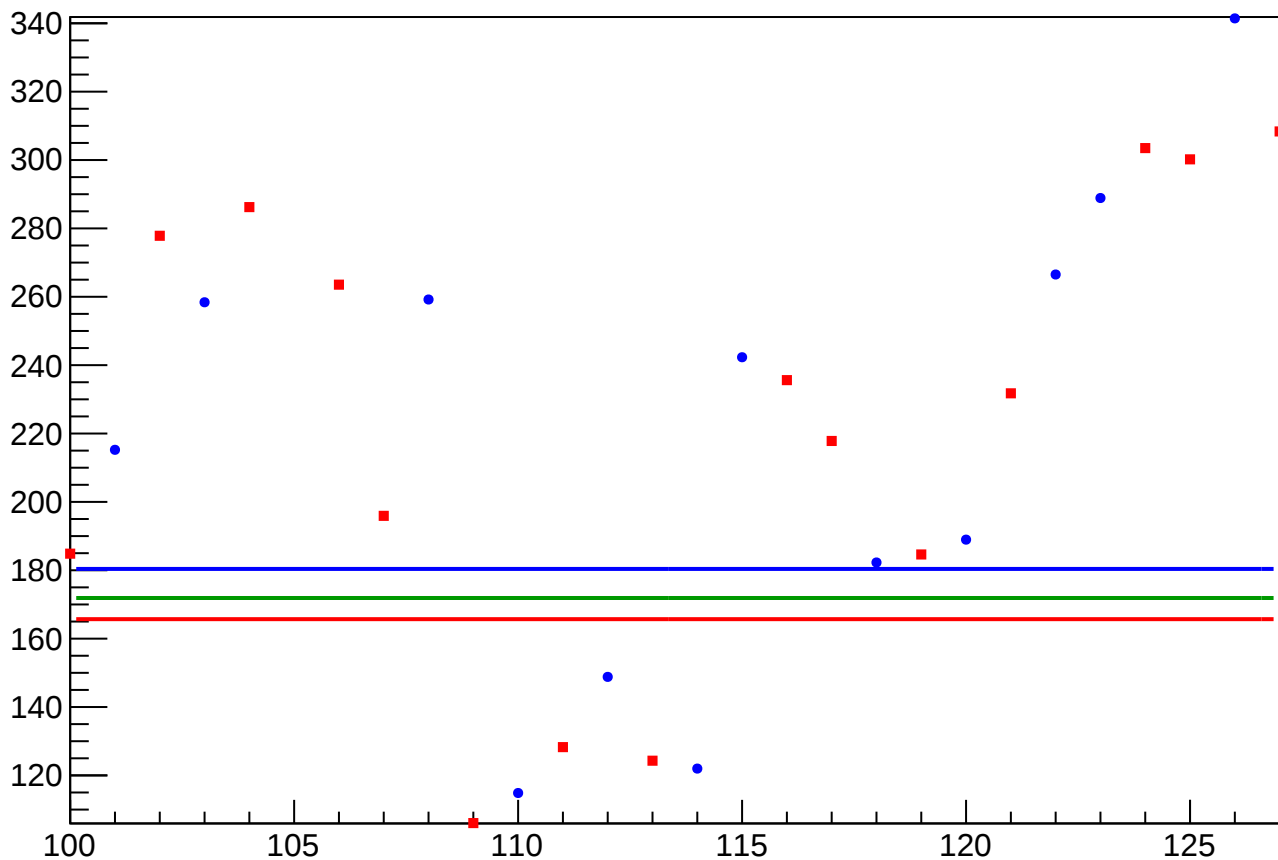
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

102.768 $\pm$ 93.093 χ^2 /NDF: 1.6/11

64.627 $\pm$ 60.430 χ^2 /NDF: 5.6/26

36.851 $\pm$ 79.442 χ^2 /NDF: 3.7/14

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.394+/-0.066 χ^2/NDF : 786002.3/11

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

Right Out: 165.700+/-0.056 χ^2/NDF : 1382470.1/14

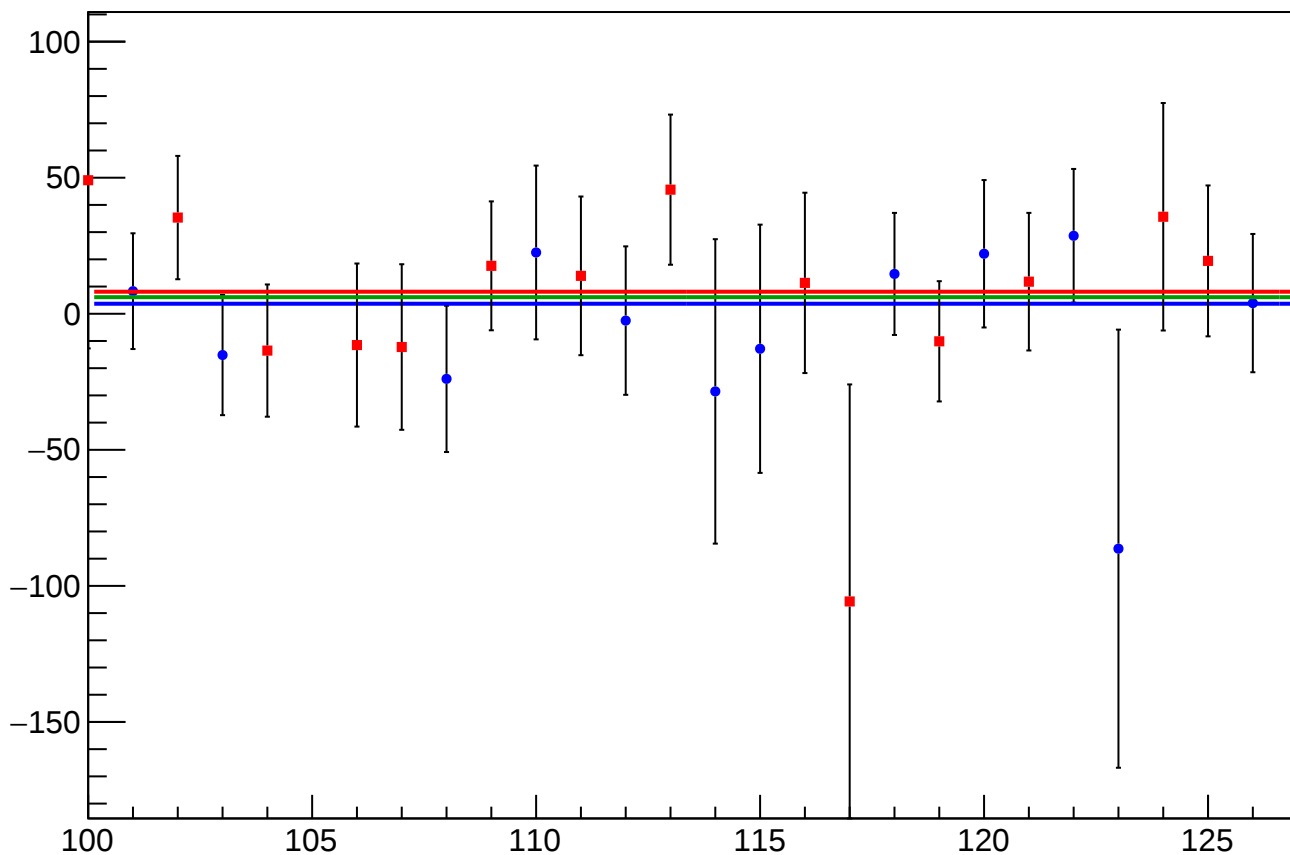
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.394+/-0.066 χ^2/NDF : 786002.3/11

171.892+/-0.043 χ^2/NDF : 2197302.3/26

165.700+/-0.056 χ^2/NDF : 1382470.1/14

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.686+/-8.038 χ^2/NDF : 5.7/11

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

Right Out: 8.105+/-7.342 χ^2/NDF : 10.0/14

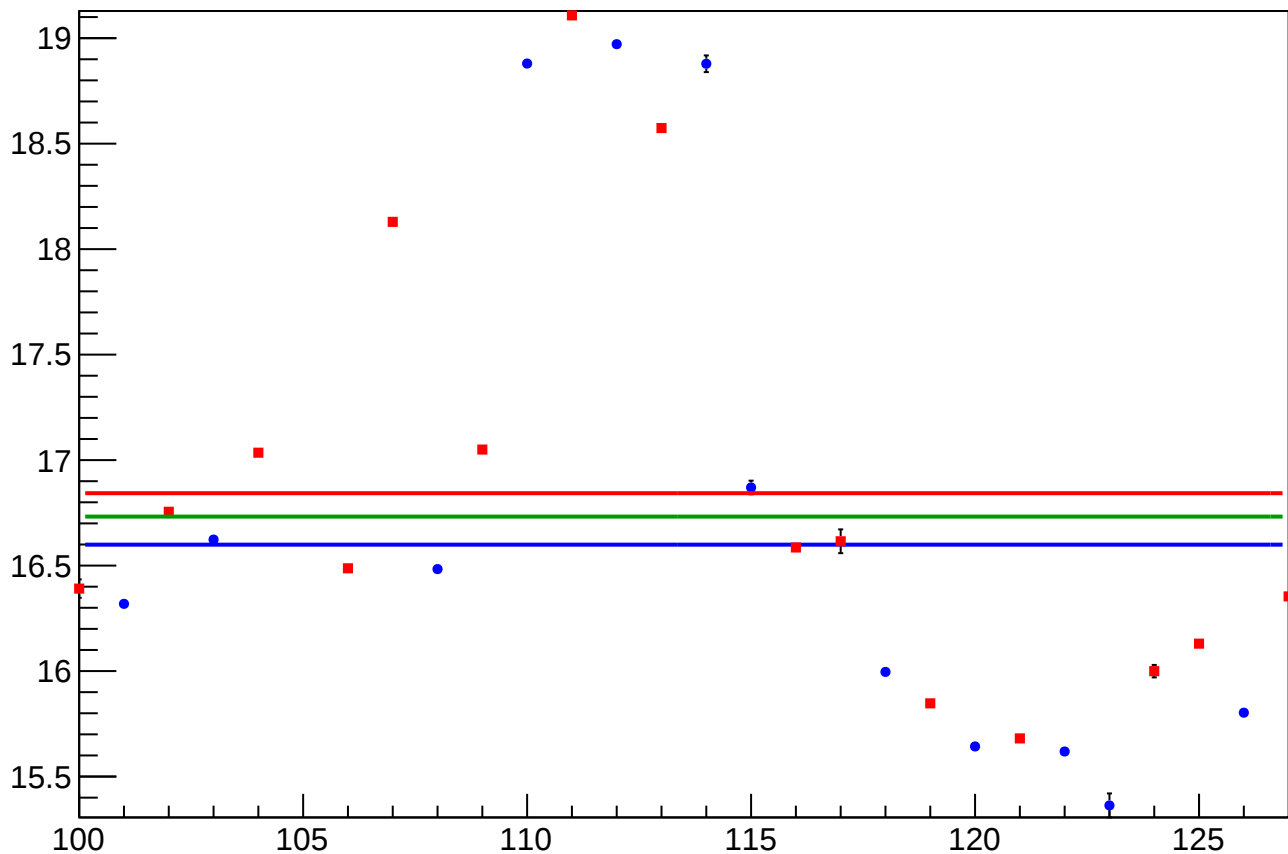
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.686+/-8.038 χ^2/NDF : 5.7/11

6.095+/-5.421 χ^2/NDF : 15.8/26

8.105+/-7.342 χ^2/NDF : 10.0/14

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.599 ± 0.006 $\chi^2/\text{NDF}: 38669.1/11$

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

Right Out: 16.843 ± 0.005 $\chi^2/\text{NDF}: 35561.9/14$

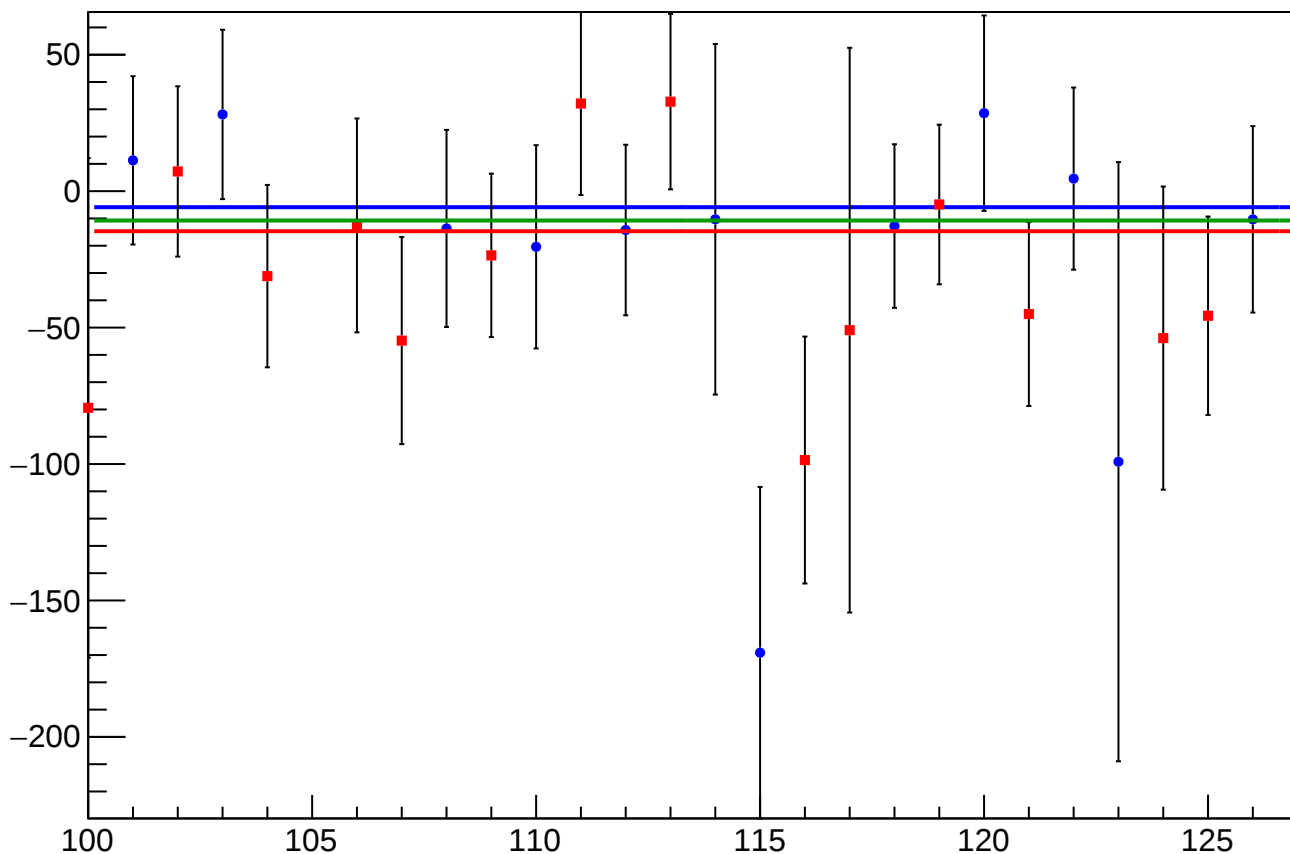
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

16.599 ± 0.006 $\chi^2/\text{NDF}: 38669.1/11$

16.732 ± 0.004 $\chi^2/\text{NDF}: 75235.3/26$

16.843 ± 0.005 $\chi^2/\text{NDF}: 35561.9/14$

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.869 ± 10.632 $\chi^2/\text{NDF}: 10.8/11$

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

Right Out: -14.680 ± 9.525 $\chi^2/\text{NDF}: 14.4/14$

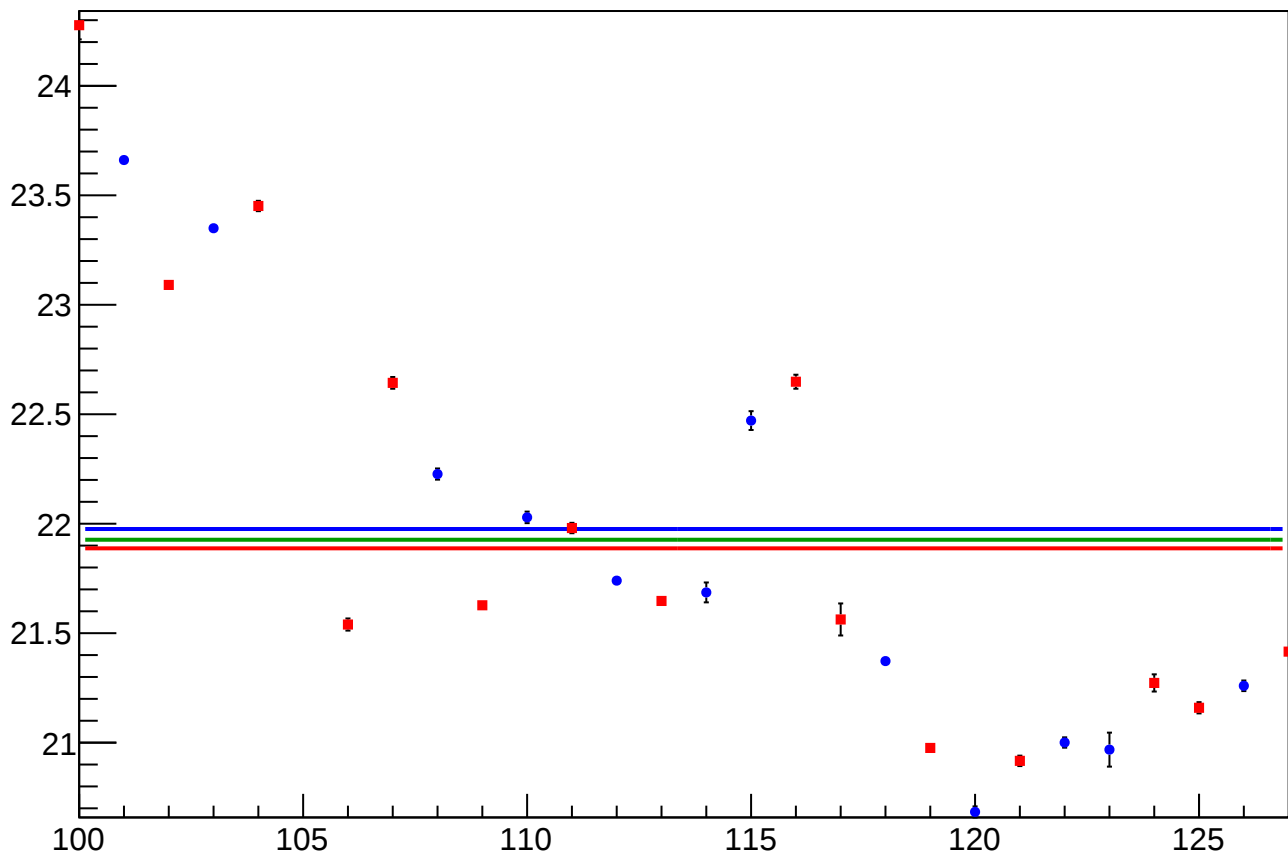
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-5.869 ± 10.632 $\chi^2/\text{NDF}: 10.8/11$

-10.757 ± 7.094 $\chi^2/\text{NDF}: 25.6/26$

-14.680 ± 9.525 $\chi^2/\text{NDF}: 14.4/14$

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.976+/-0.008 χ^2/NDF : 16454.0/11

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

Right Out: 21.888+/-0.007 χ^2/NDF : 15603.5/14

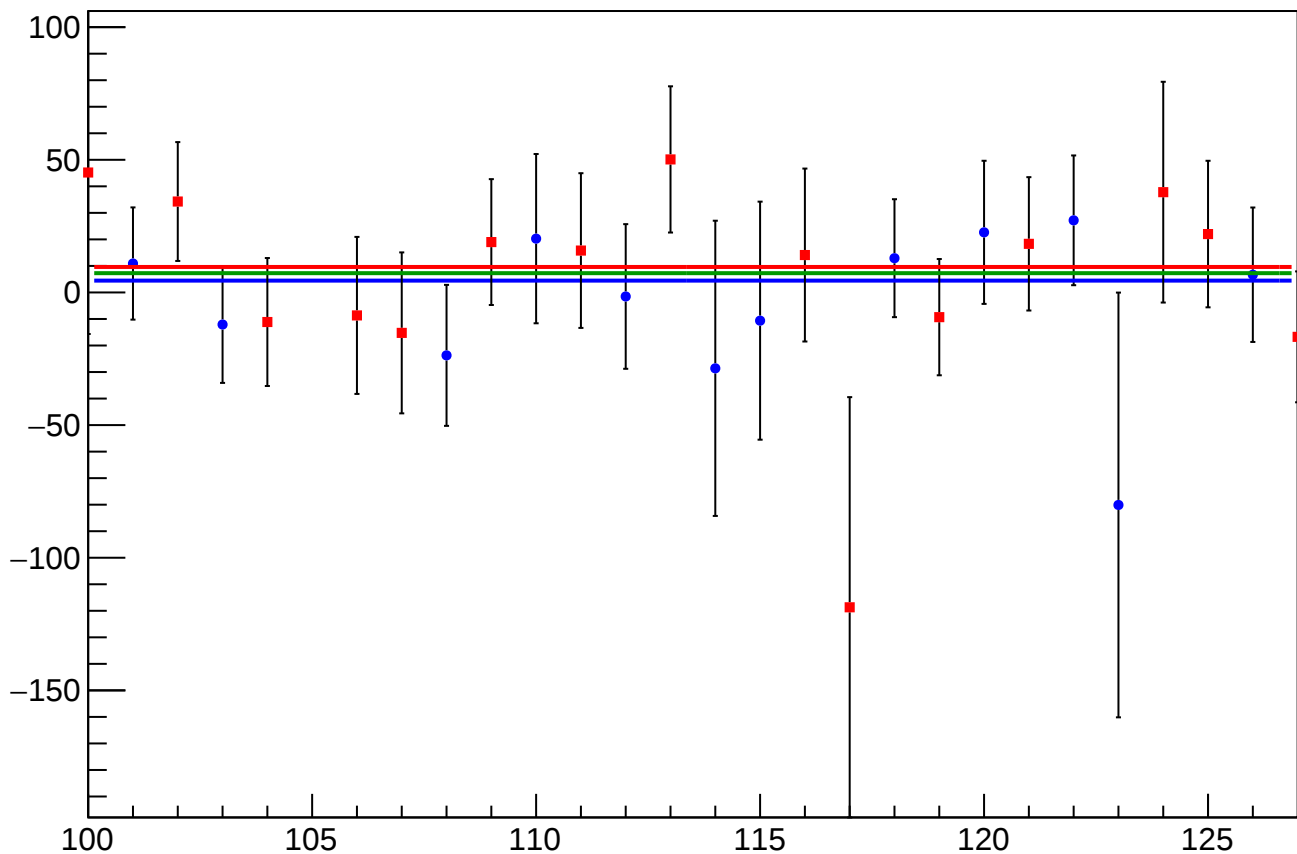
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.976+/-0.008 χ^2/NDF : 16454.0/11

21.927+/-0.005 χ^2/NDF : 32134.1/26

21.888+/-0.007 χ^2/NDF : 15603.5/14

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.462+/-7.994 χ^2/NDF : 5.1/11

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

Right Out: 9.607+/-7.297 χ^2/NDF : 11.0/14

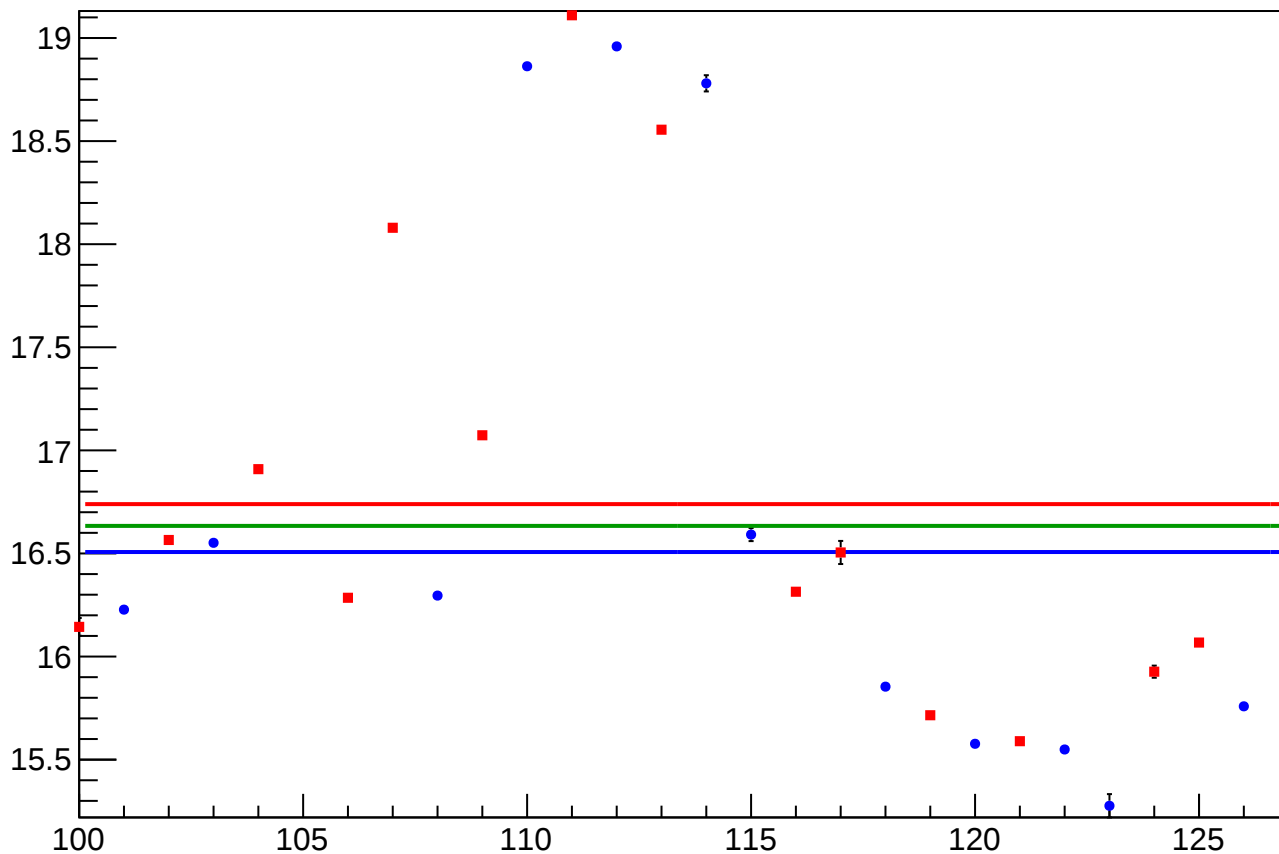
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.462+/-7.994 χ^2/NDF : 5.1/11

7.268+/-5.390 χ^2/NDF : 16.4/26

9.607+/-7.297 χ^2/NDF : 11.0/14

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.507 $\pm$ 0.006 χ^2 /NDF: 40307.5/11

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

Right Out: 16.739 $\pm$ 0.005 χ^2 /NDF: 38641.4/14

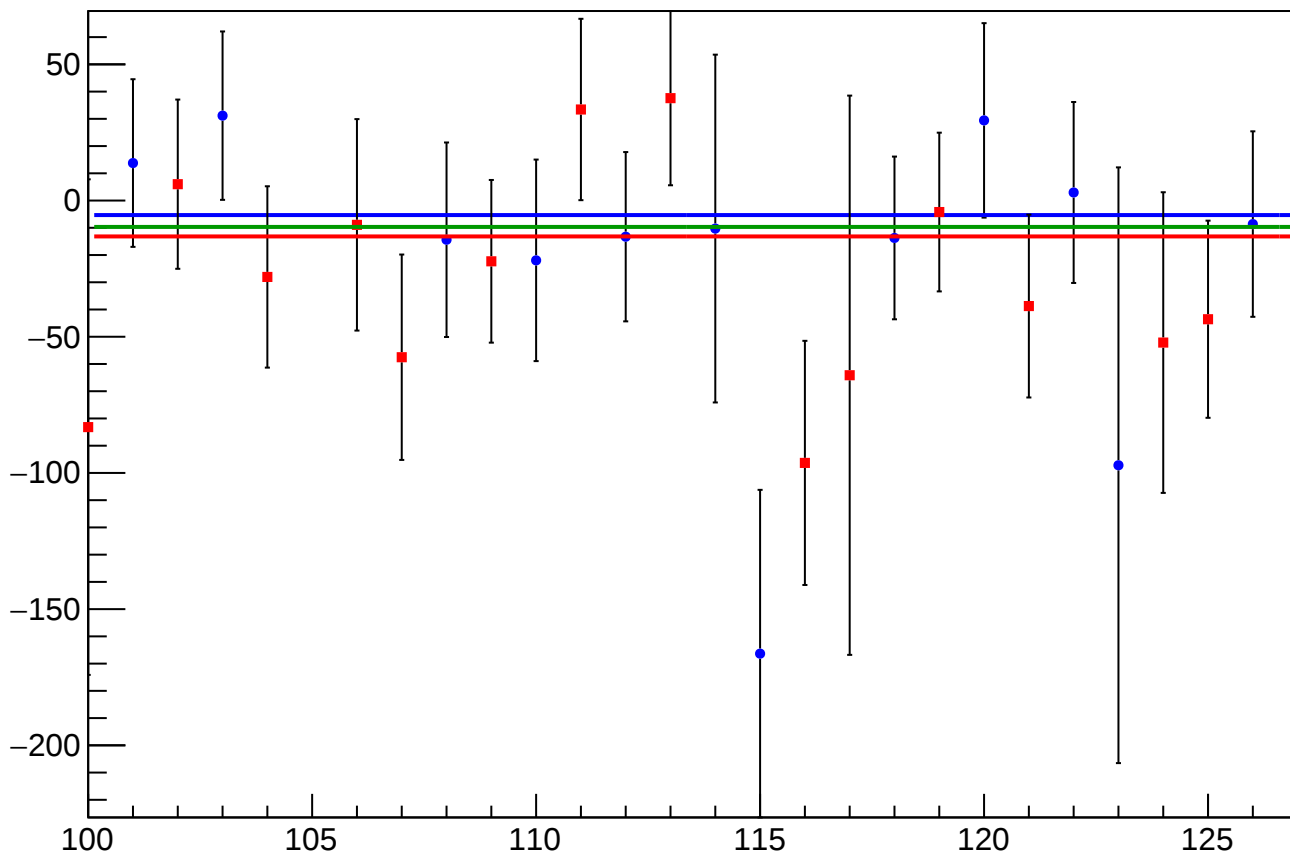
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.507 $\pm$ 0.006 χ^2 /NDF: 40307.5/11

16.634 $\pm$ 0.004 χ^2 /NDF: 79870.5/26

16.739 $\pm$ 0.005 χ^2 /NDF: 38641.4/14

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.330+/-10.580 χ^2/NDF : 11.1/11

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

Right Out: -13.174+/-9.475 χ^2/NDF : 14.7/14

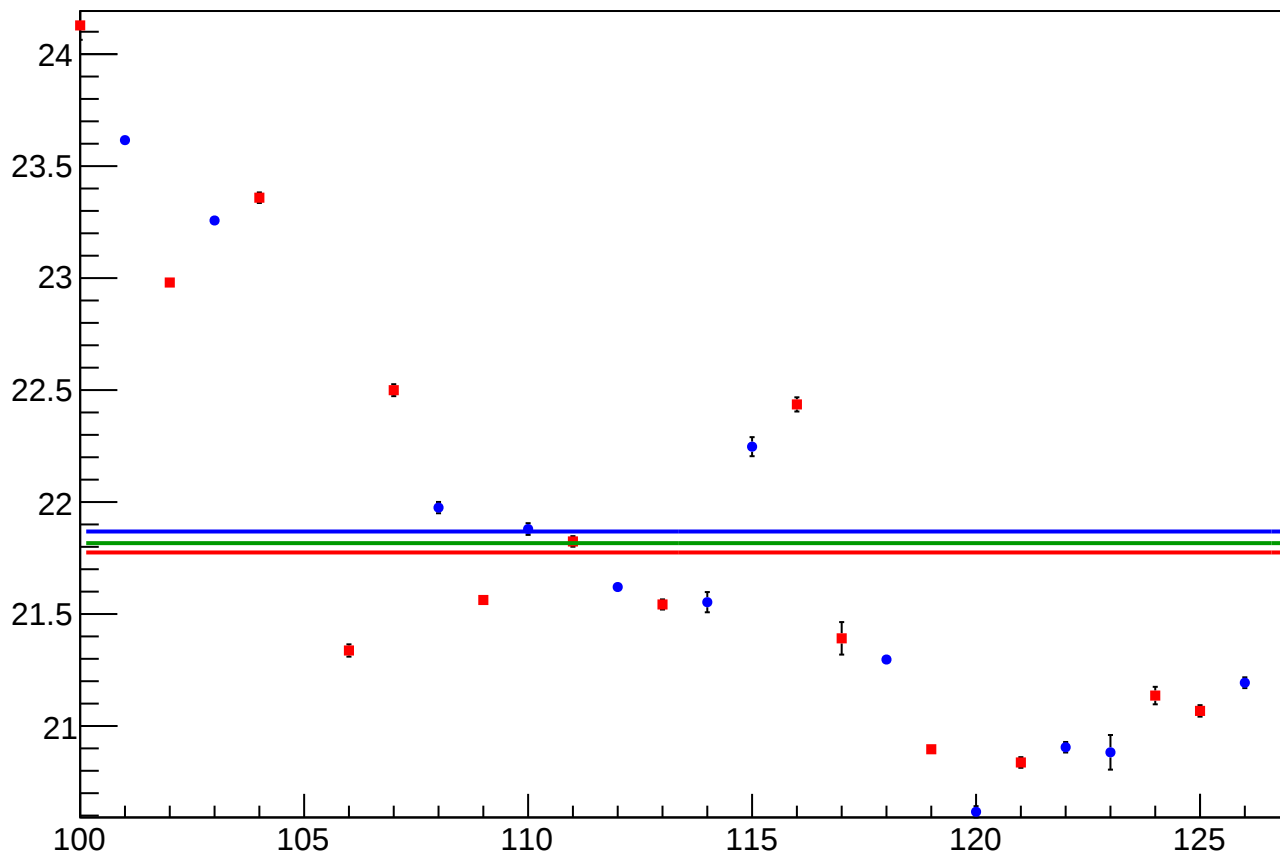
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.330+/-10.580 χ^2/NDF : 11.1/11

-9.683+/-7.059 χ^2/NDF : 26.1/26

-13.174+/-9.475 χ^2/NDF : 14.7/14

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.868 ± 0.007 χ^2/NDF : 16582.7/11

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

Right Out: 21.775 ± 0.007 χ^2/NDF : 15357.3/14

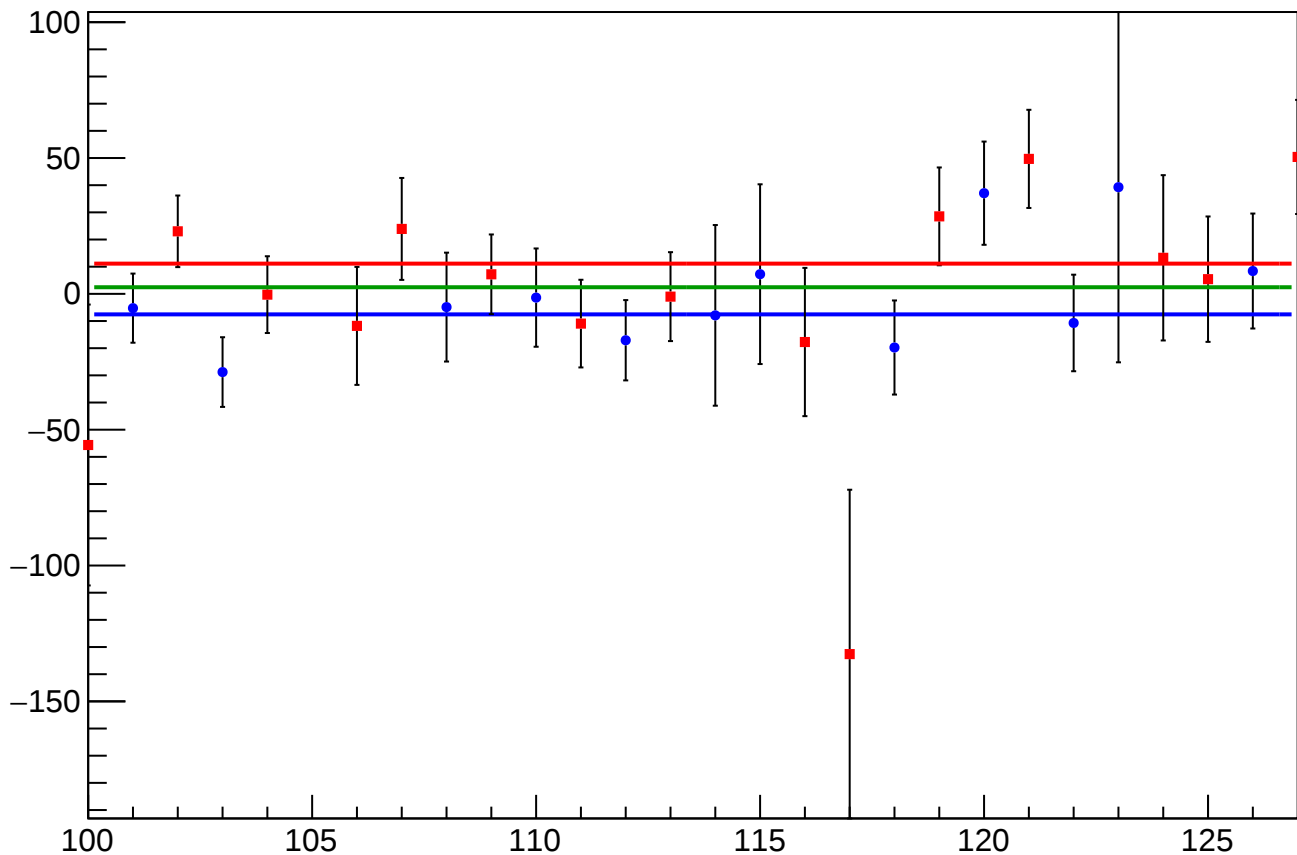
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

21.868 ± 0.007 χ^2/NDF : 16582.7/11

21.817 ± 0.005 χ^2/NDF : 32026.8/26

21.775 ± 0.007 χ^2/NDF : 15357.3/14

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.553 ± 5.274 χ^2/NDF : 10.7/11

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

Right Out: 11.126 ± 4.919 χ^2/NDF : 23.0/14

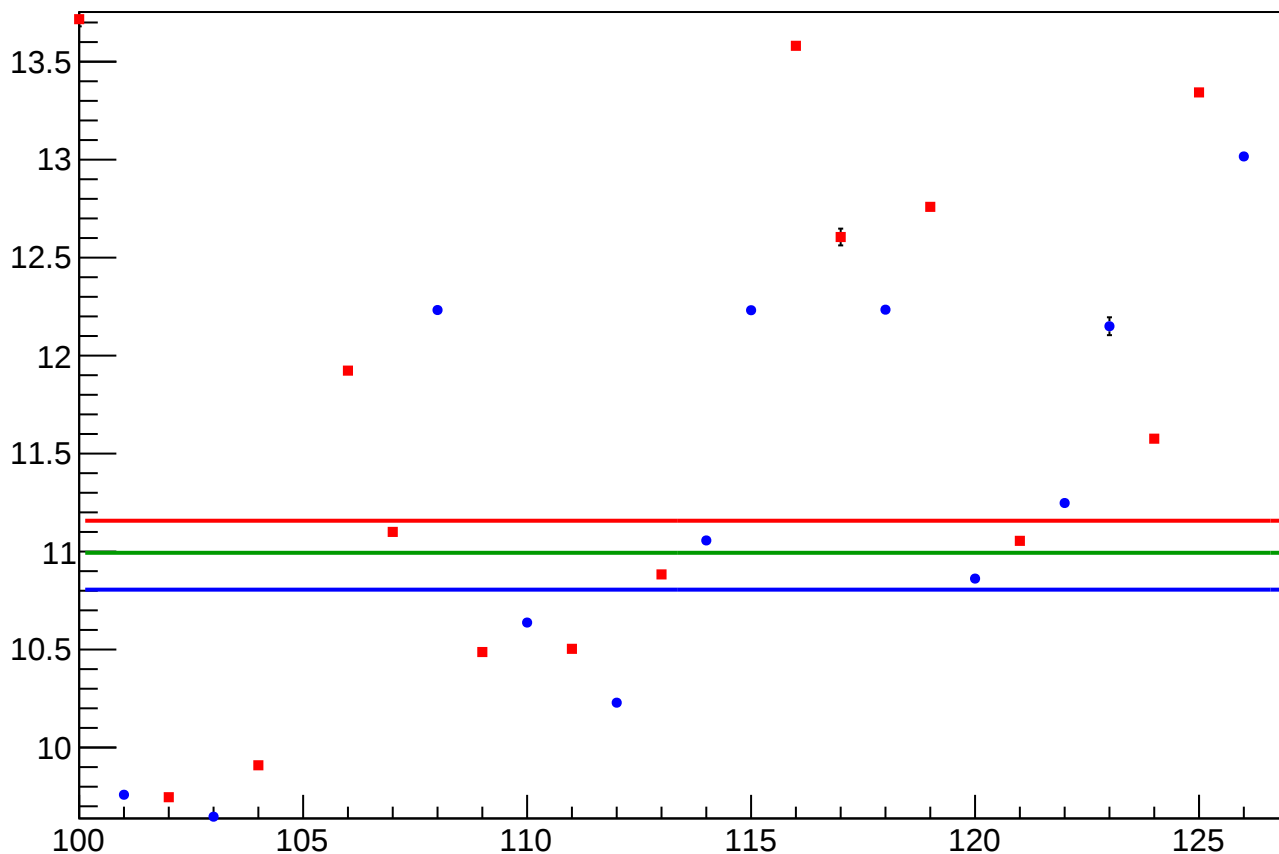
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.553 ± 5.274 χ^2/NDF : 10.7/11

2.436 ± 3.597 χ^2/NDF : 40.4/26

11.126 ± 4.919 χ^2/NDF : 23.0/14

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.806+/-0.004 χ^2/NDF : 84624.0/11

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

Right Out: 11.157+/-0.003 χ^2/NDF : 134518.3/14

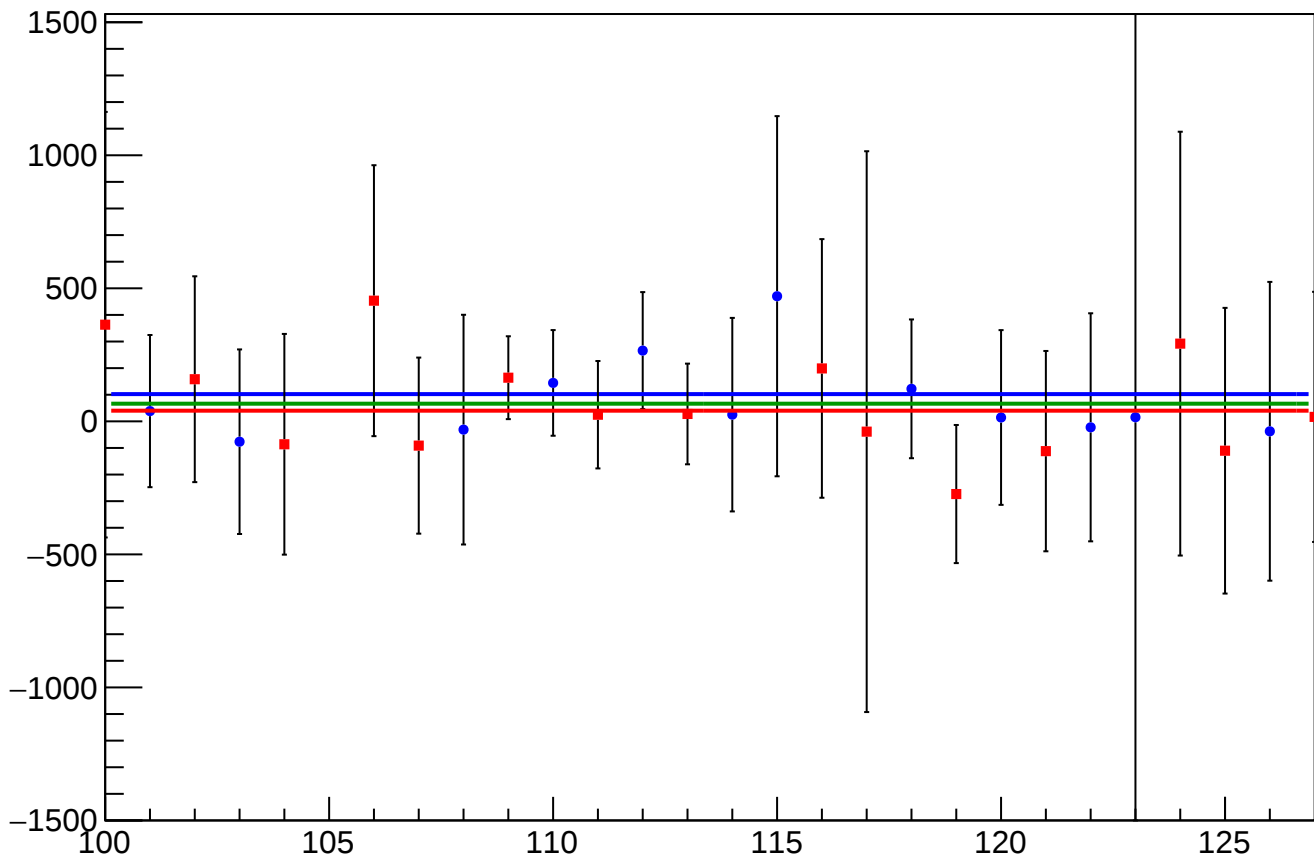
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.806+/-0.004 χ^2/NDF : 84624.0/11

11.094+/-0.003 χ^2/NDF : 223899.3/26

11.157+/-0.003 χ^2/NDF : 134518.3/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 102.392 $\pm$ 93.360 χ^2 /NDF: 1.6/11

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

Right Out: 40.085 $\pm$ 79.713 χ^2 /NDF: 3.7/14

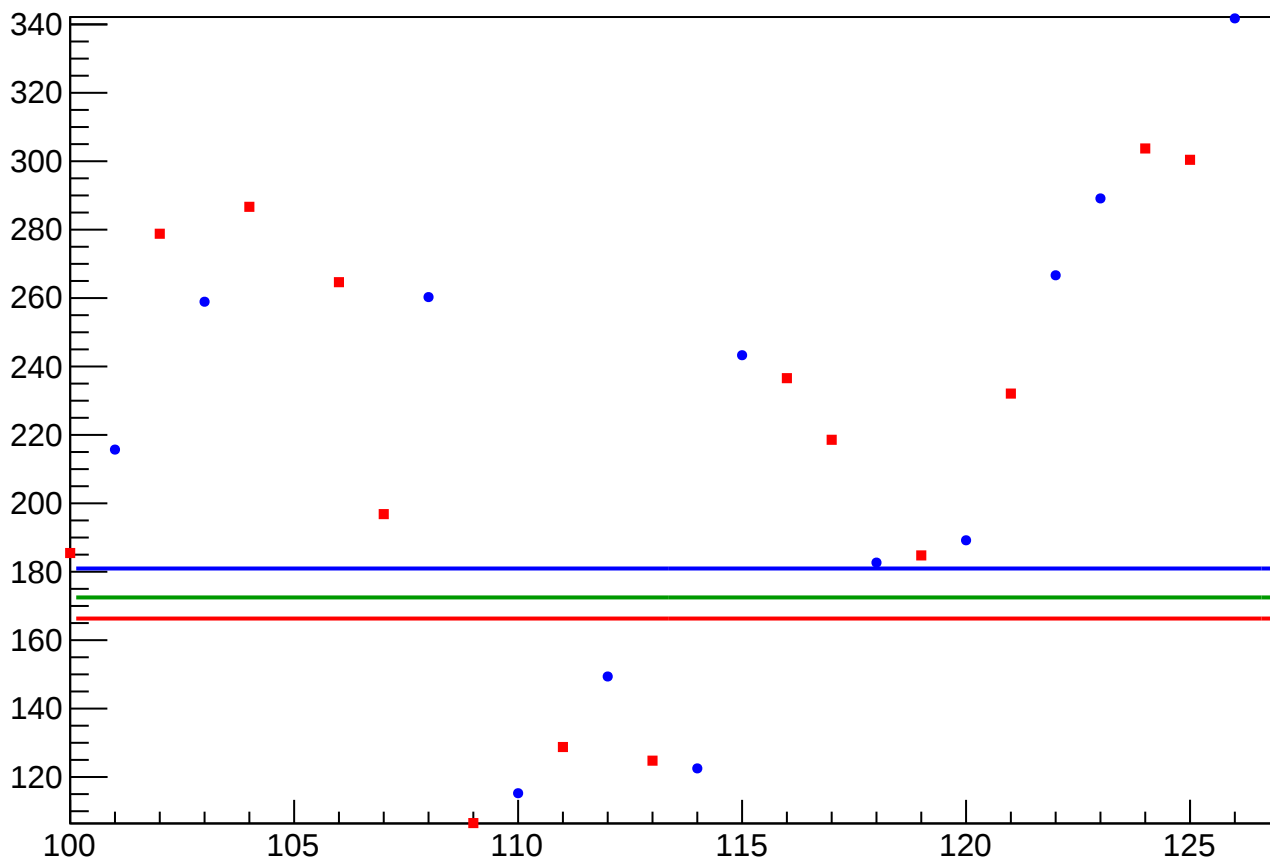
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

102.392 $\pm$ 93.360 χ^2 /NDF: 1.6/11

66.356 $\pm$ 60.622 χ^2 /NDF: 5.6/26

40.085 $\pm$ 79.713 χ^2 /NDF: 3.7/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.949+/-0.066 χ^2/NDF : 782531.1/11

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

Right Out: 166.323+/-0.056 χ^2/NDF : 1376462.9/14

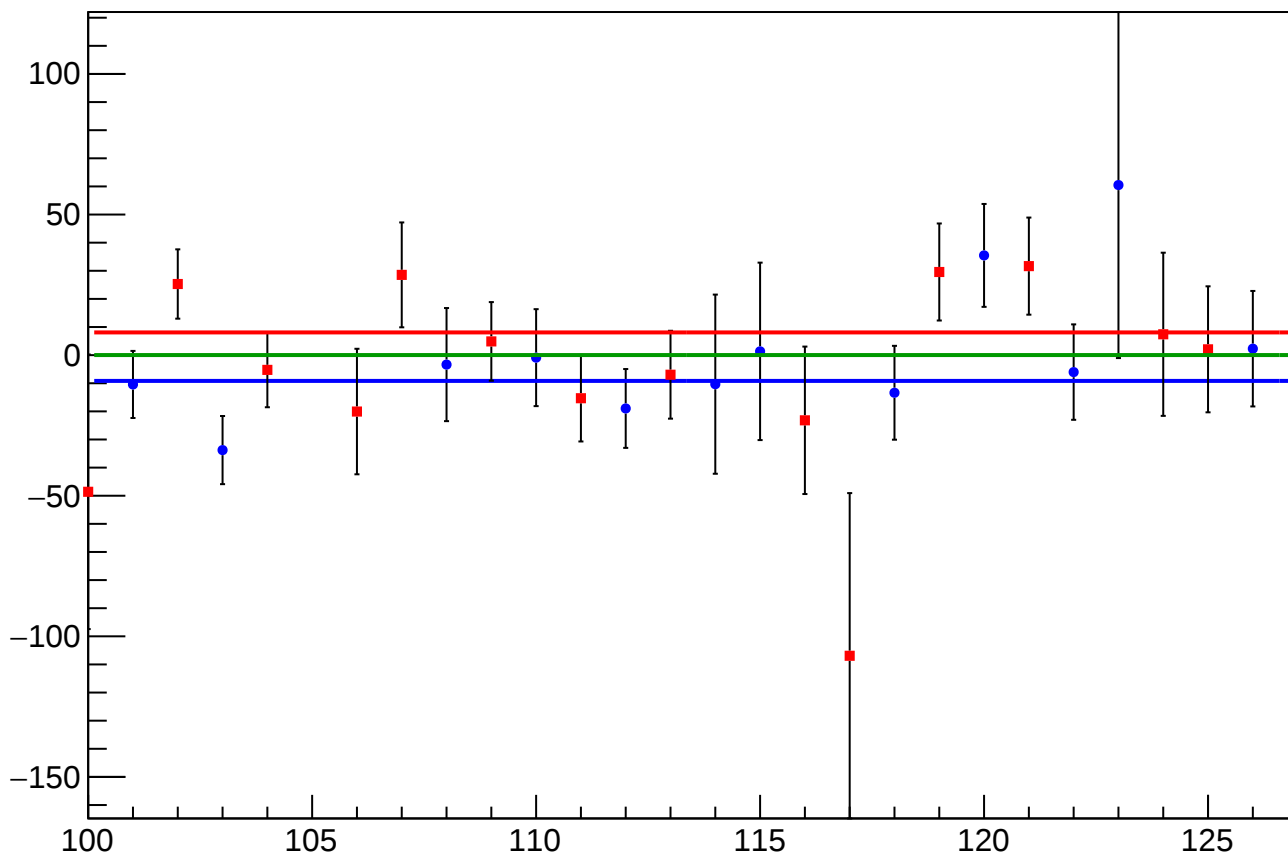
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.949+/-0.066 χ^2/NDF : 782531.1/11

172.490+/-0.043 χ^2/NDF : 2187385.8/26

166.323+/-0.056 χ^2/NDF : 1376462.9/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.165+/-5.036 χ^2 /NDF: 12.7/11

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

Right Out: 8.079+/-4.712 χ^2 /NDF: 23.5/14

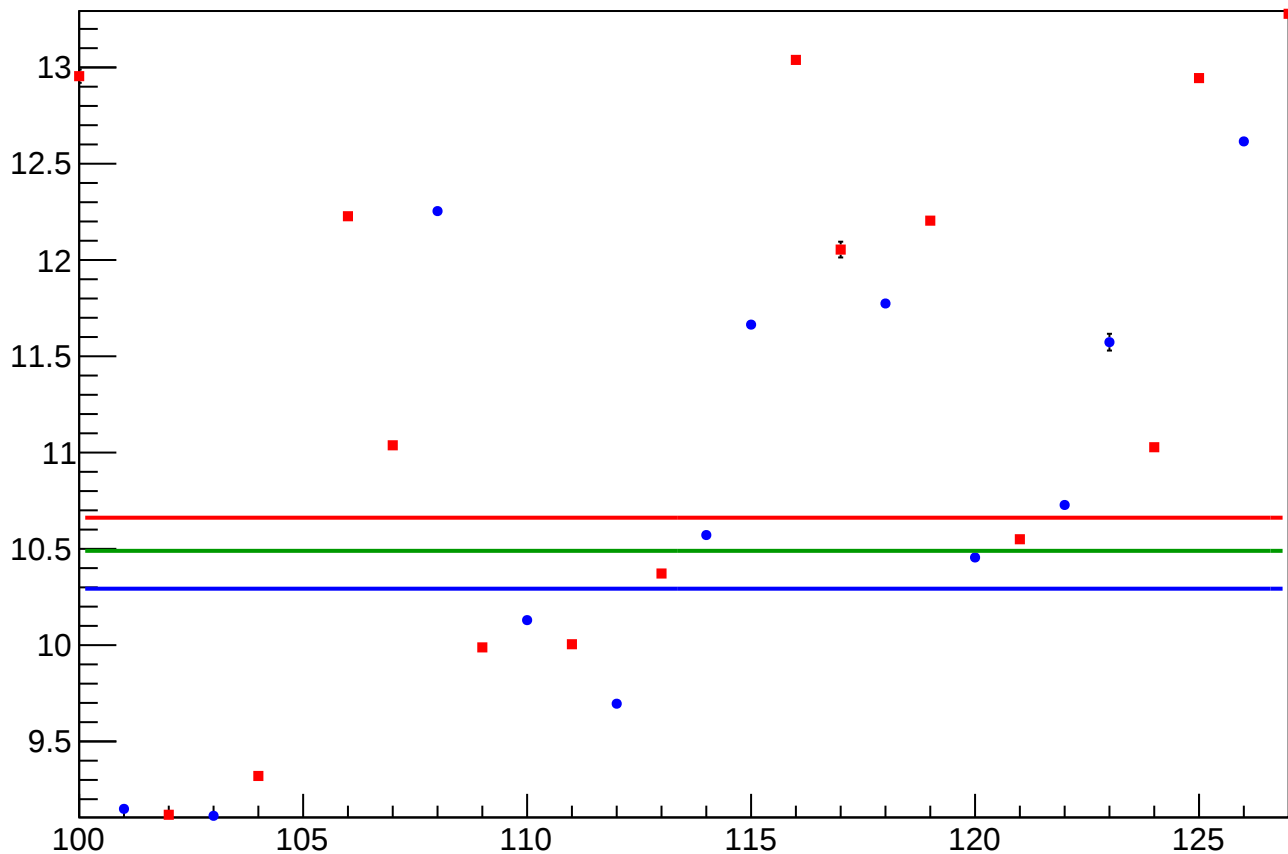
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-9.165+/-5.036 χ^2 /NDF: 12.7/11

0.028+/-3.441 χ^2 /NDF: 42.5/26

8.079+/-4.712 χ^2 /NDF: 23.5/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.293+/-0.004 χ^2/NDF : 107738.6/11

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

Right Out: 10.662+/-0.003 χ^2/NDF : 163461.9/14

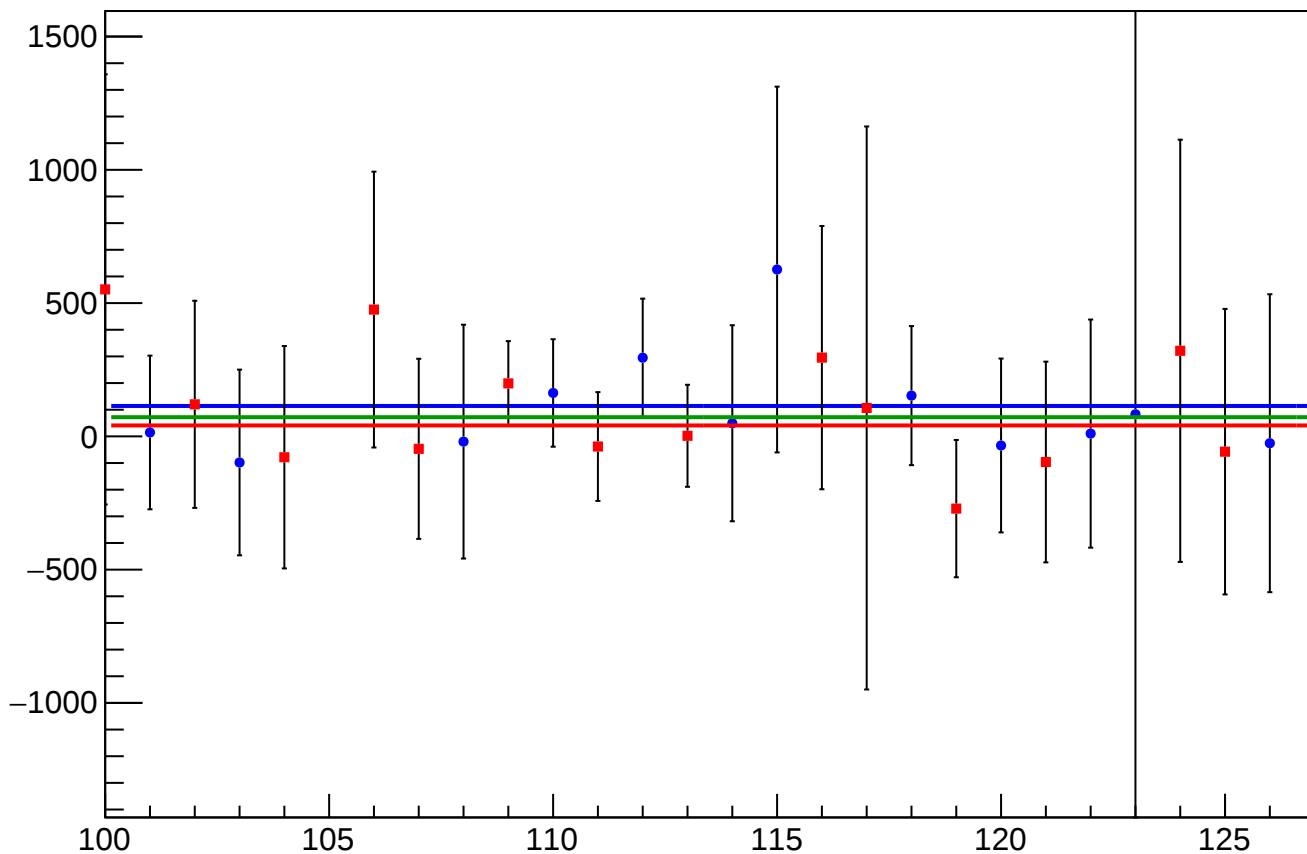
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.293+/-0.004 χ^2/NDF : 107738.6/11

10.490+/-0.002 χ^2/NDF : 276915.9/26

10.662+/-0.003 χ^2/NDF : 163461.9/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 114.102 $\pm$ 94.011 χ^2 /NDF: 2.2/11

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

Right Out: 40.935 $\pm$ 80.534 χ^2 /NDF: 4.5/14

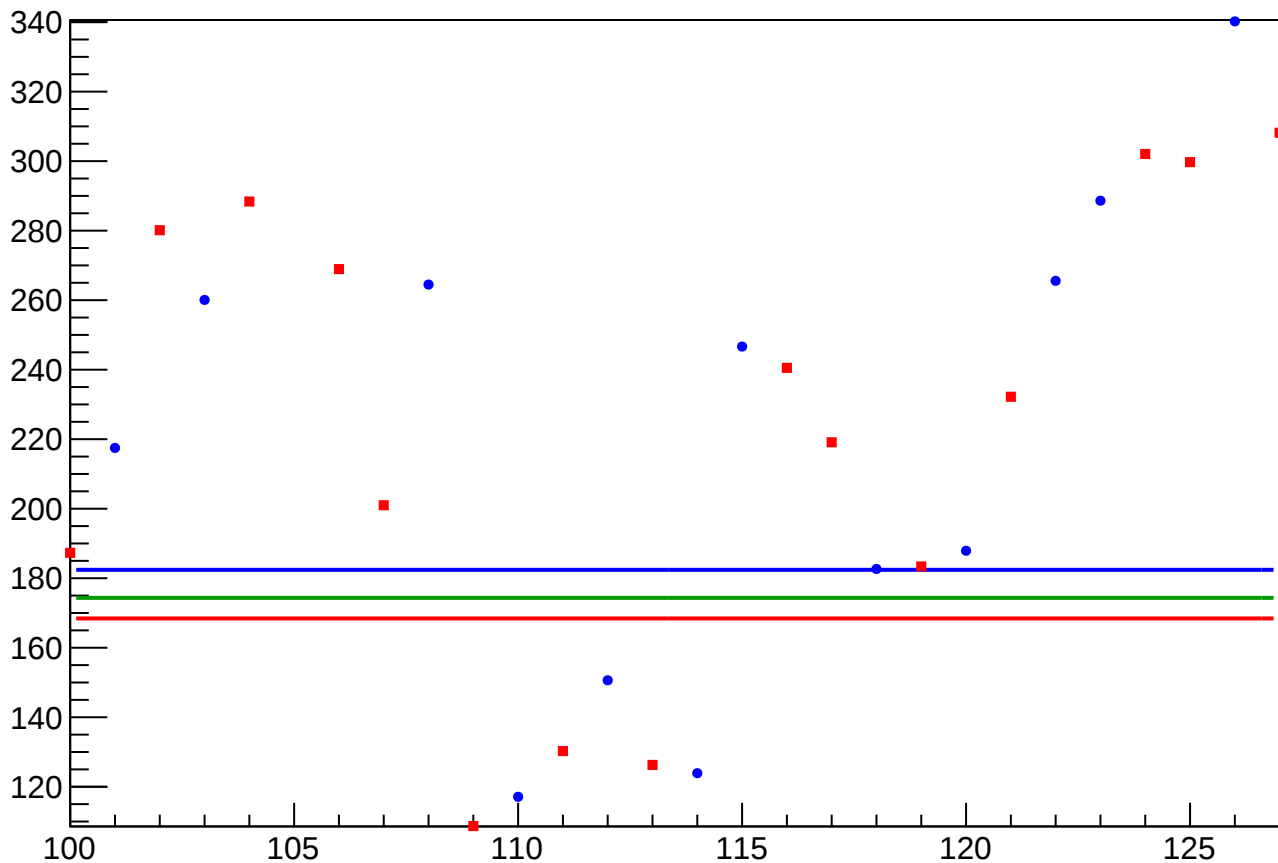
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

114.102 $\pm$ 94.011 χ^2 /NDF: 2.2/11

71.902 $\pm$ 61.161 χ^2 /NDF: 7.1/26

40.935 $\pm$ 80.534 χ^2 /NDF: 4.5/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.420 ± 0.066 $\chi^2/\text{NDF}: 763341.8/11$

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

Right Out: 168.429 ± 0.057 $\chi^2/\text{NDF}: 1342119.8/14$

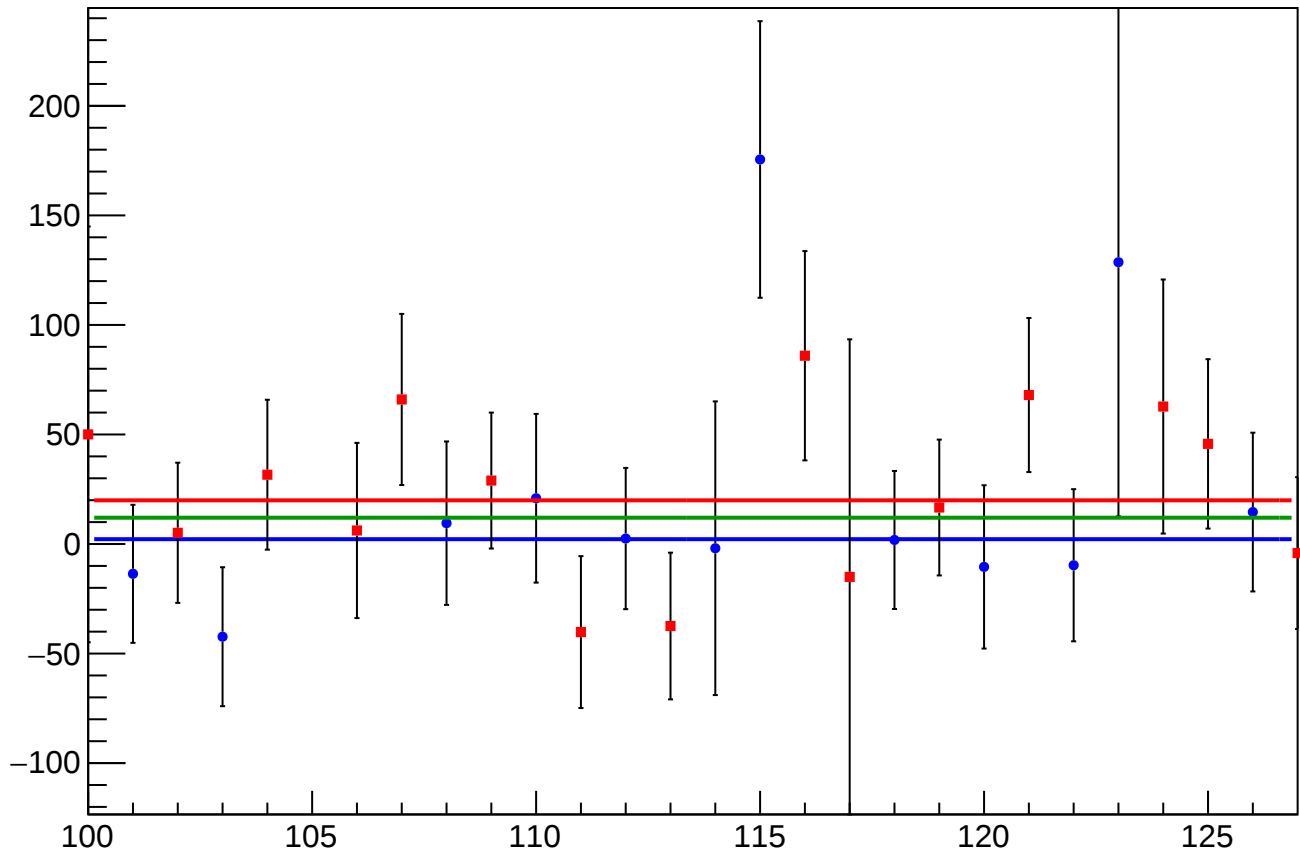
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

182.420 ± 0.066 $\chi^2/\text{NDF}: 763341.8/11$

174.351 ± 0.043 $\chi^2/\text{NDF}: 2131012.3/26$

168.429 ± 0.057 $\chi^2/\text{NDF}: 1342119.8/14$

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.206+/-11.027 χ^2/NDF : 11.6/11

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

Right Out: 19.939+/-9.922 χ^2/NDF : 13.3/14

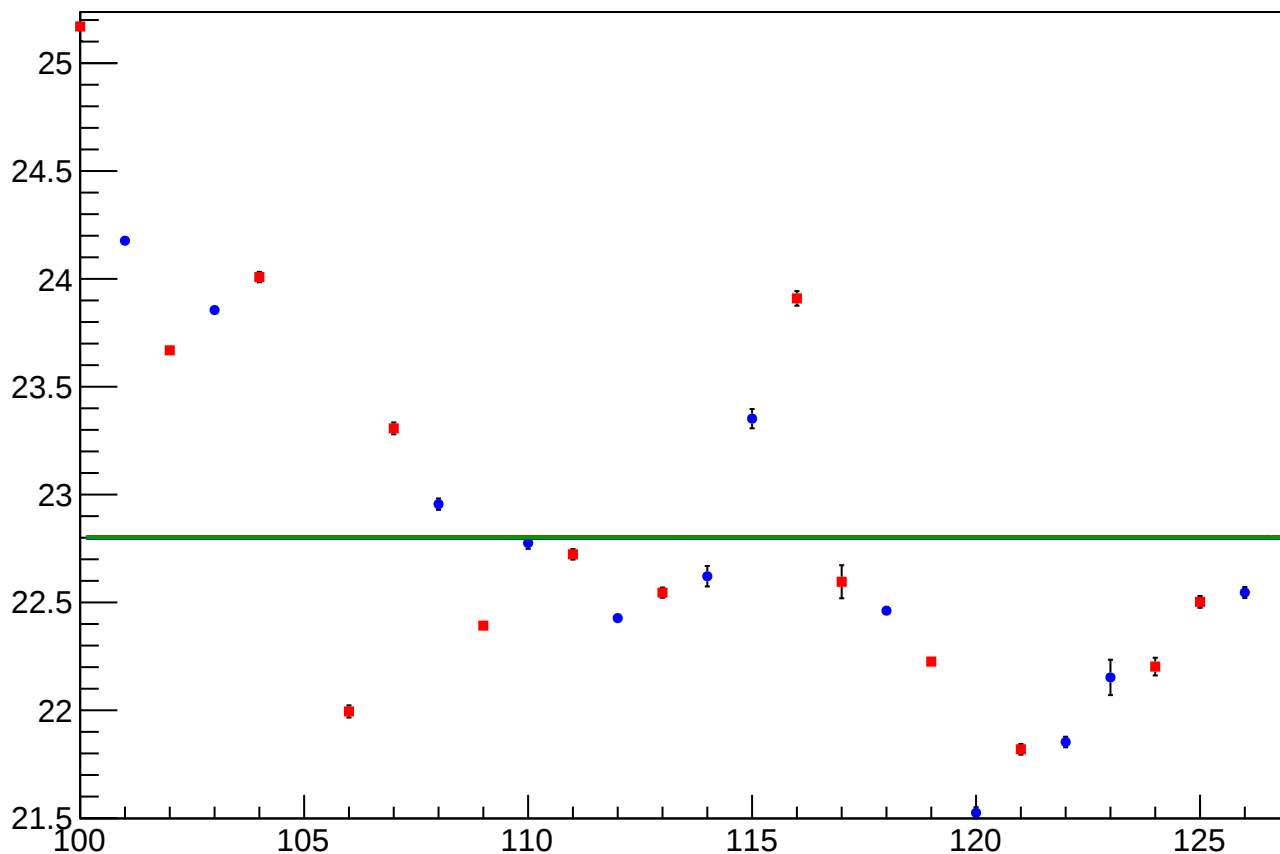
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.206+/-11.027 χ^2/NDF : 11.6/11

12.006+/-7.376 χ^2/NDF : 26.3/26

19.939+/-9.922 χ^2/NDF : 13.3/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.798+/-0.008 χ^2/NDF : 10725.3/11

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

Right Out: 22.804+/-0.007 χ^2/NDF : 10509.6/14

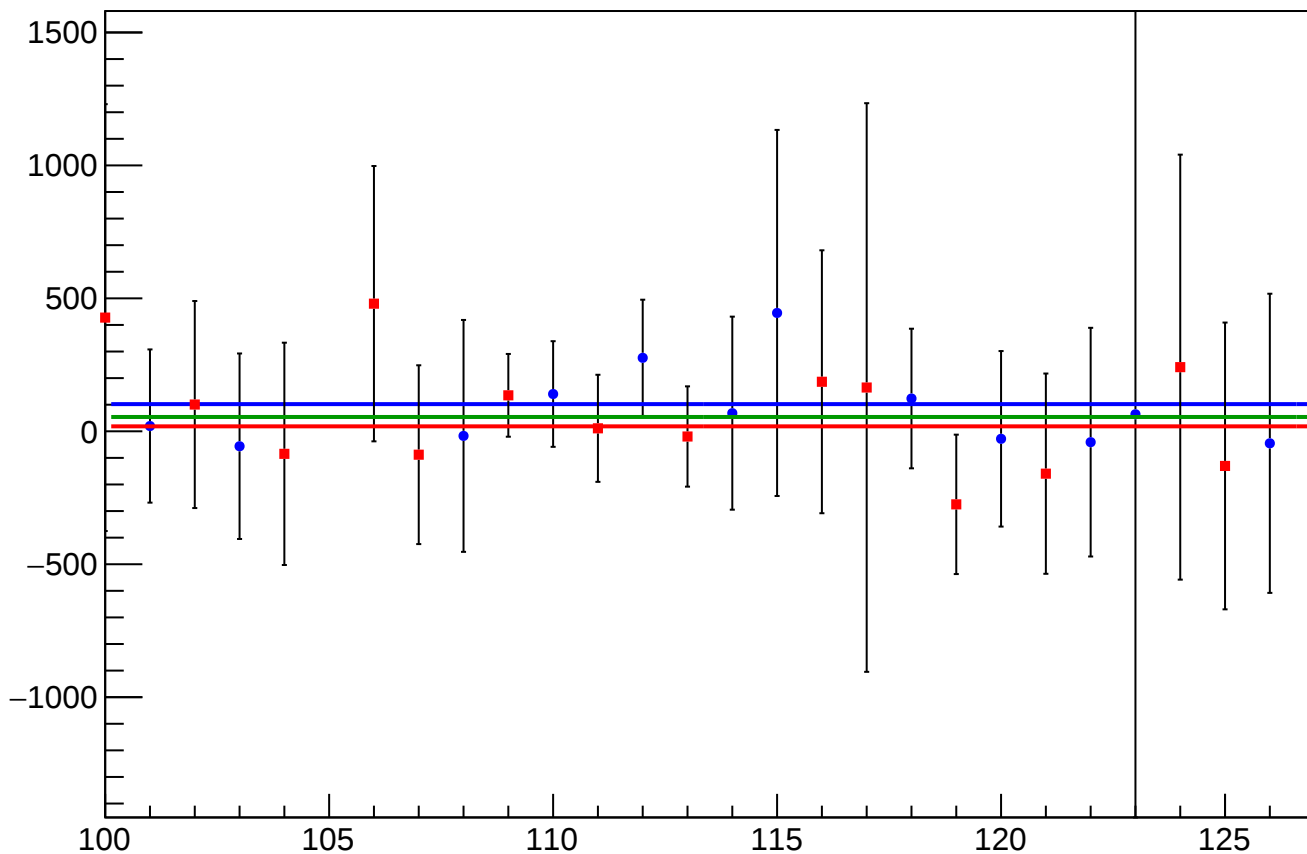
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.798+/-0.008 χ^2/NDF : 10725.3/11

22.801+/-0.005 χ^2/NDF : 21235.1/26

22.804+/-0.007 χ^2/NDF : 10509.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 102.213 $\pm$ 93.590 χ^2 /NDF: 1.6/11

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

Right Out: 18.606 $\pm$ 79.918 χ^2 /NDF: 3.6/14

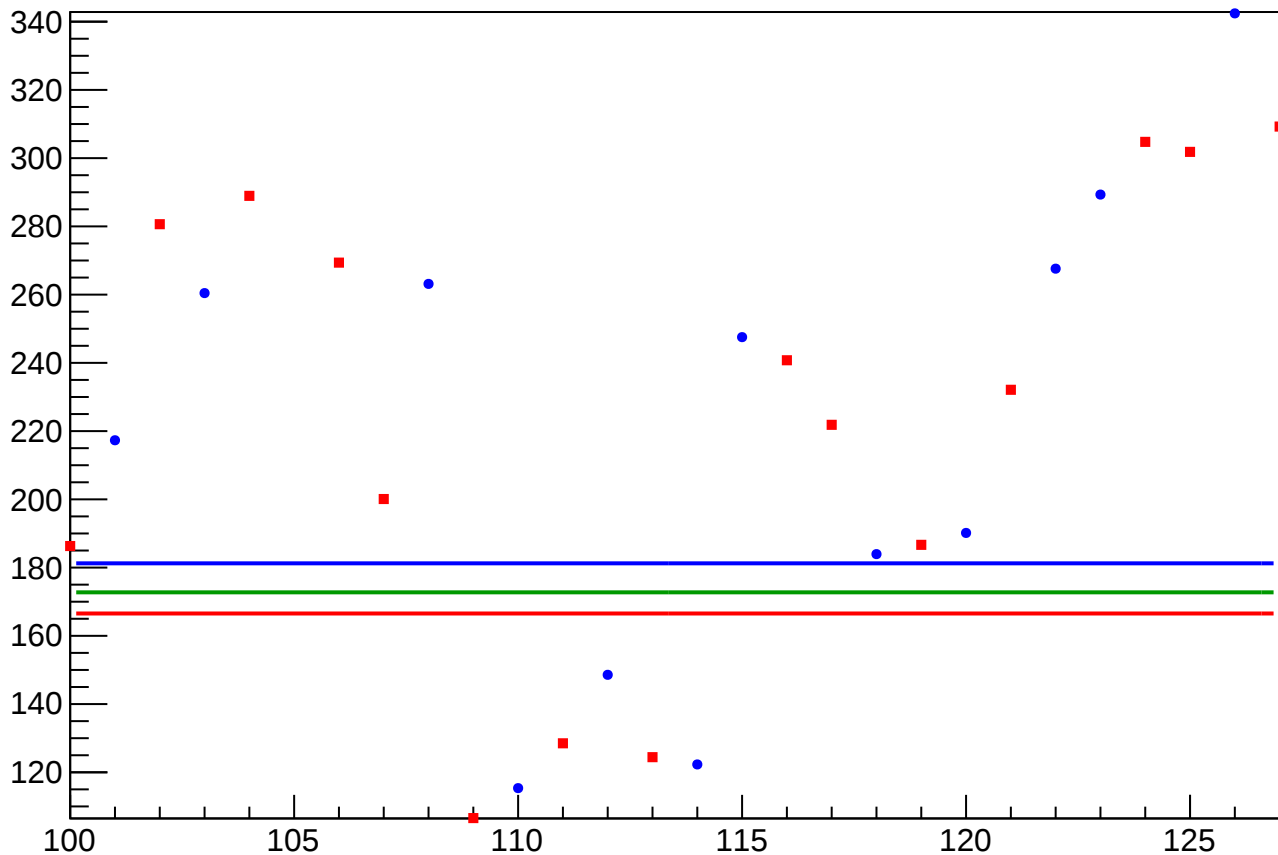
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

102.213 $\pm$ 93.590 χ^2 /NDF: 1.6/11

53.863 $\pm$ 60.775 χ^2 /NDF: 5.7/26

18.606 $\pm$ 79.918 χ^2 /NDF: 3.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.249+/-0.066 χ^2/NDF : 797526.7/11

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

Right Out: 166.547+/-0.057 χ^2/NDF : 1403339.0/14

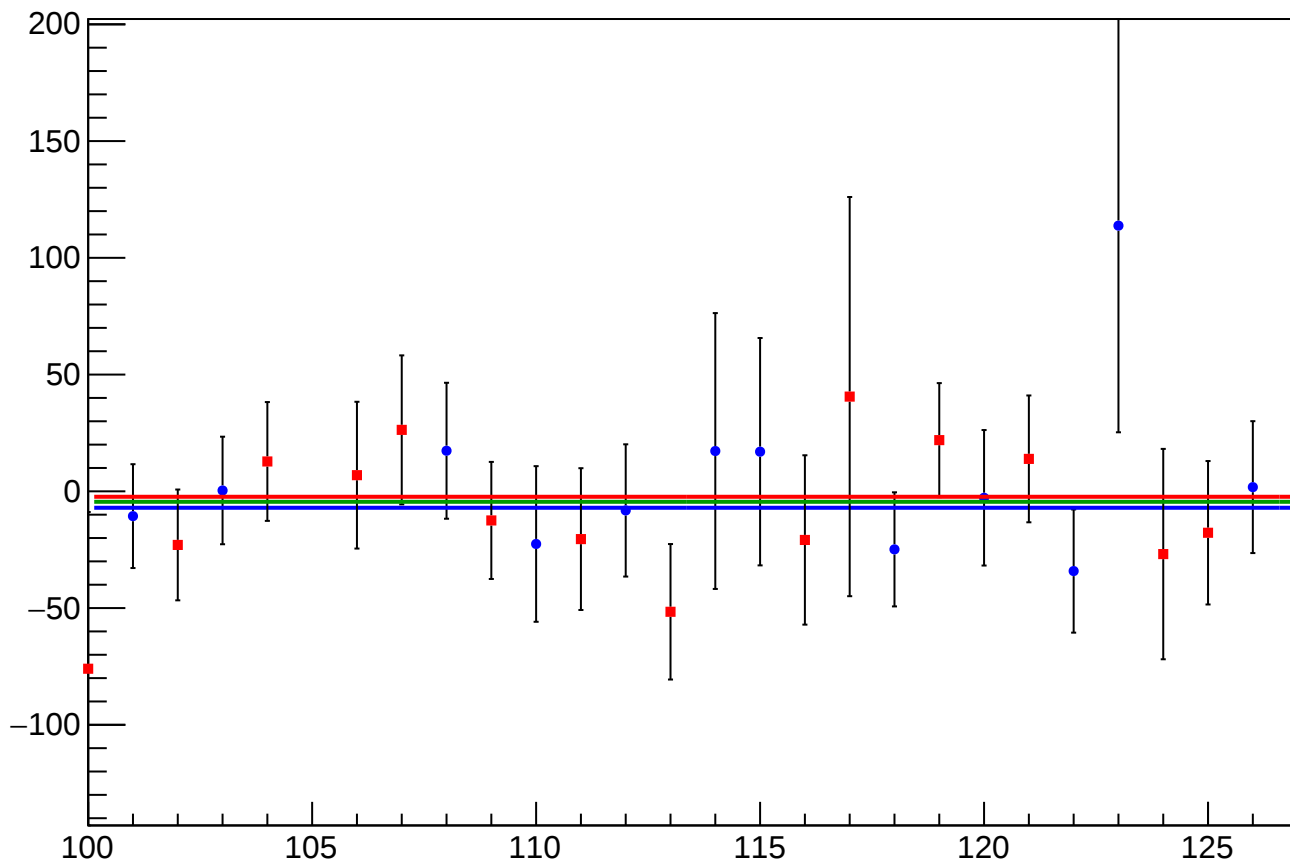
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.249+/-0.066 χ^2/NDF : 797526.7/11

172.747+/-0.043 χ^2/NDF : 2229405.8/26

166.547+/-0.057 χ^2/NDF : 1403339.0/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.039+/-8.568 χ^2 /NDF: 5.0/11

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

Right Out: -2.333+/-7.859 χ^2 /NDF: 11.8/14

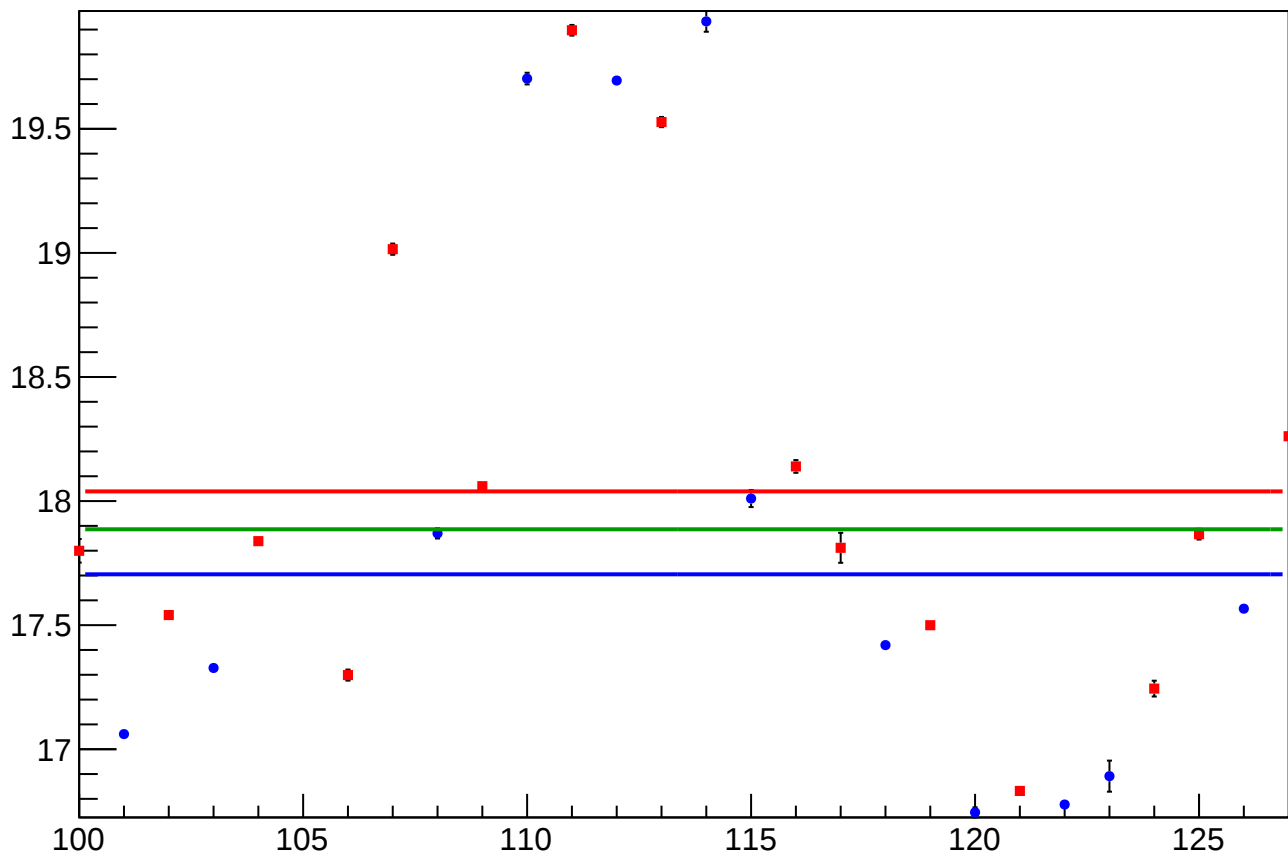
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.039+/-8.568 χ^2 /NDF: 5.0/11

-4.483+/-5.792 χ^2 /NDF: 17.0/26

-2.333+/-7.859 χ^2 /NDF: 11.8/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.705+/-0.006 χ^2/NDF : 27408.3/11

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

Right Out: 18.039+/-0.006 χ^2/NDF : 22538.7/14

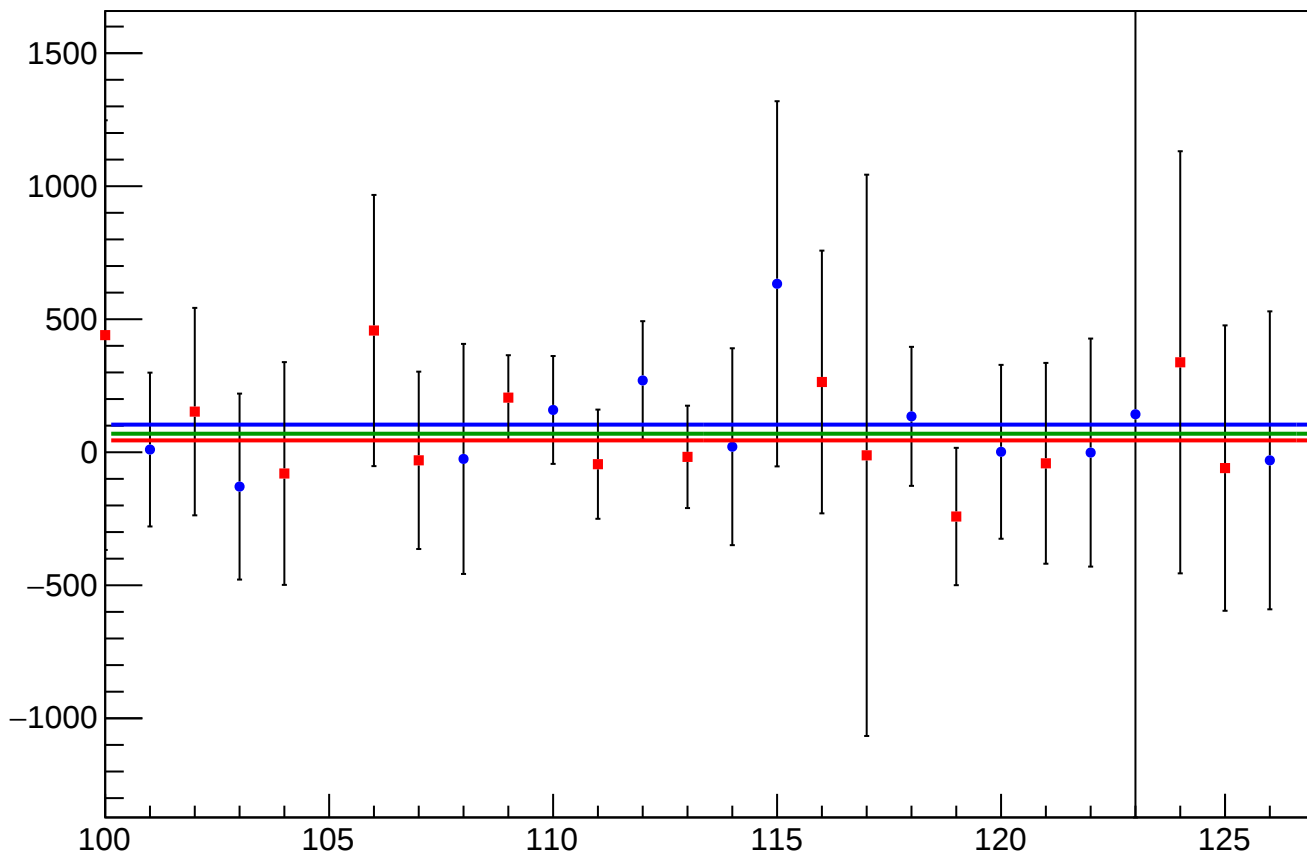
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.705+/-0.006 χ^2/NDF : 27408.3/11

17.886+/-0.004 χ^2/NDF : 51598.6/26

18.039+/-0.006 χ^2/NDF : 22538.7/14

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 103.865 $\pm$ 94.284 χ^2 /NDF: 2.1/11

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

Right Out: 44.567 $\pm$ 80.747 χ^2 /NDF: 4.1/14

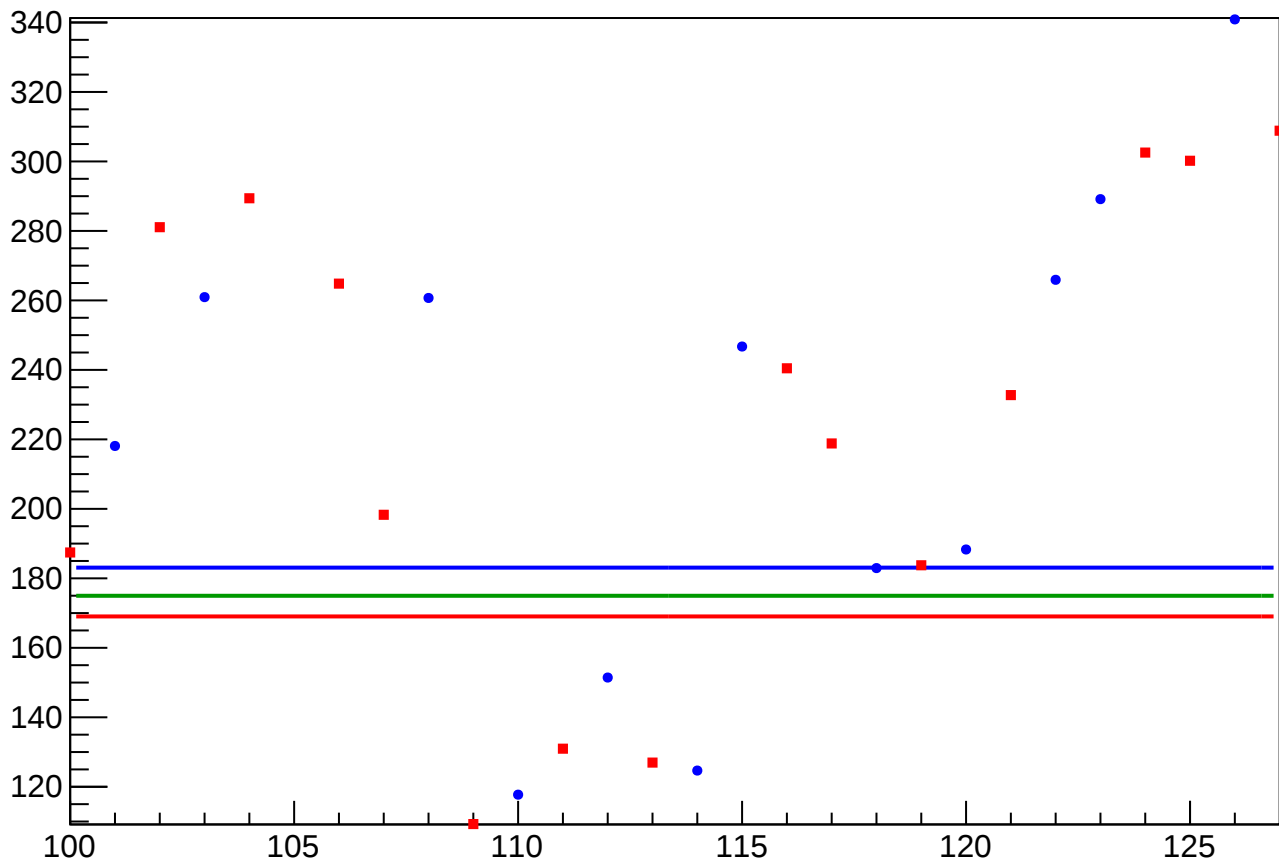
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.865 $\pm$ 94.284 χ^2 /NDF: 2.1/11

69.657 $\pm$ 61.329 χ^2 /NDF: 6.5/26

44.567 $\pm$ 80.747 χ^2 /NDF: 4.1/14

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.084 ± 0.067 $\chi^2/\text{NDF}: 752139.6/11$

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

Right Out: 169.033 ± 0.057 $\chi^2/\text{NDF}: 1325844.0/14$

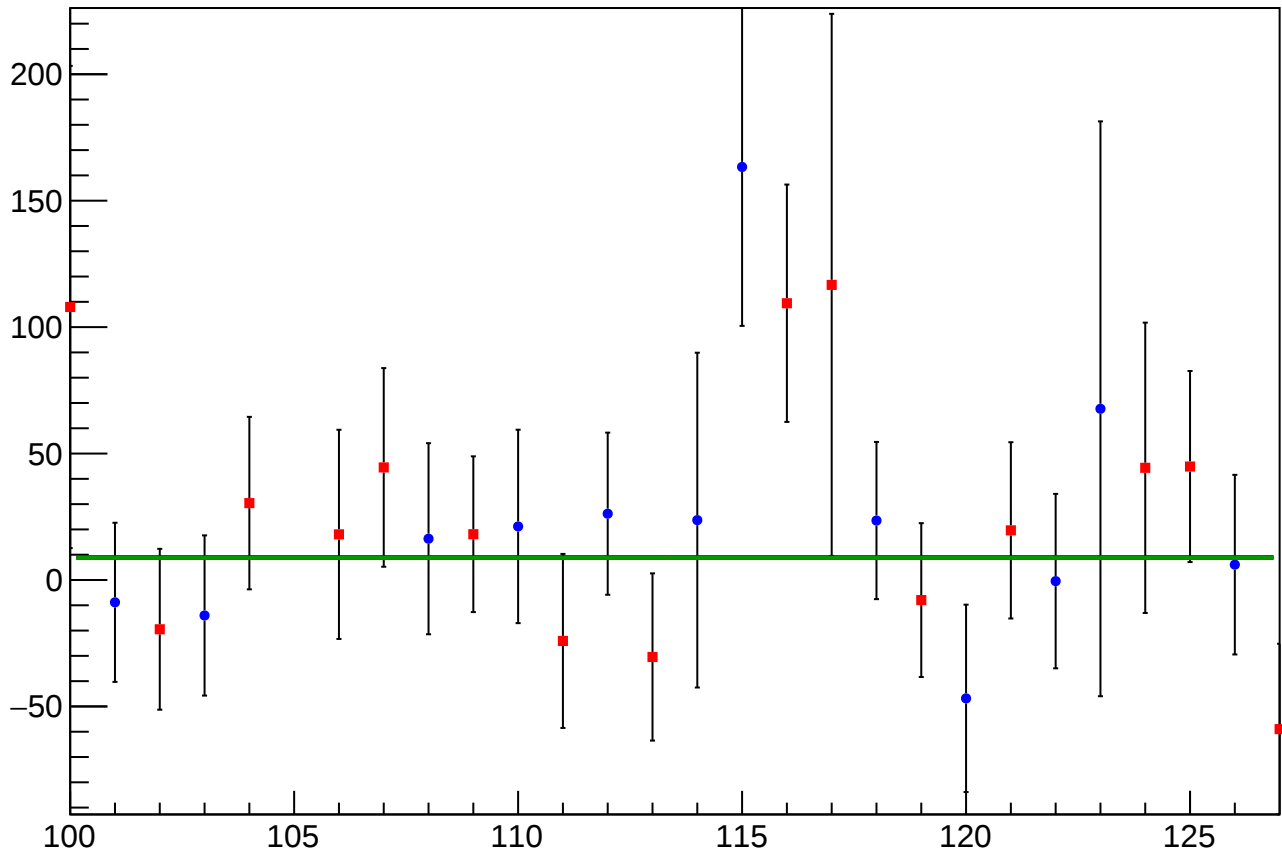
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

183.084 ± 0.067 $\chi^2/\text{NDF}: 752139.6/11$

174.978 ± 0.043 $\chi^2/\text{NDF}: 2103606.4/26$

169.033 ± 0.057 $\chi^2/\text{NDF}: 1325844.0/14$

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.038+/-10.964 χ^2 /NDF: 10.2/11

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

Right Out: 8.673+/-9.838 χ^2 /NDF: 16.9/14

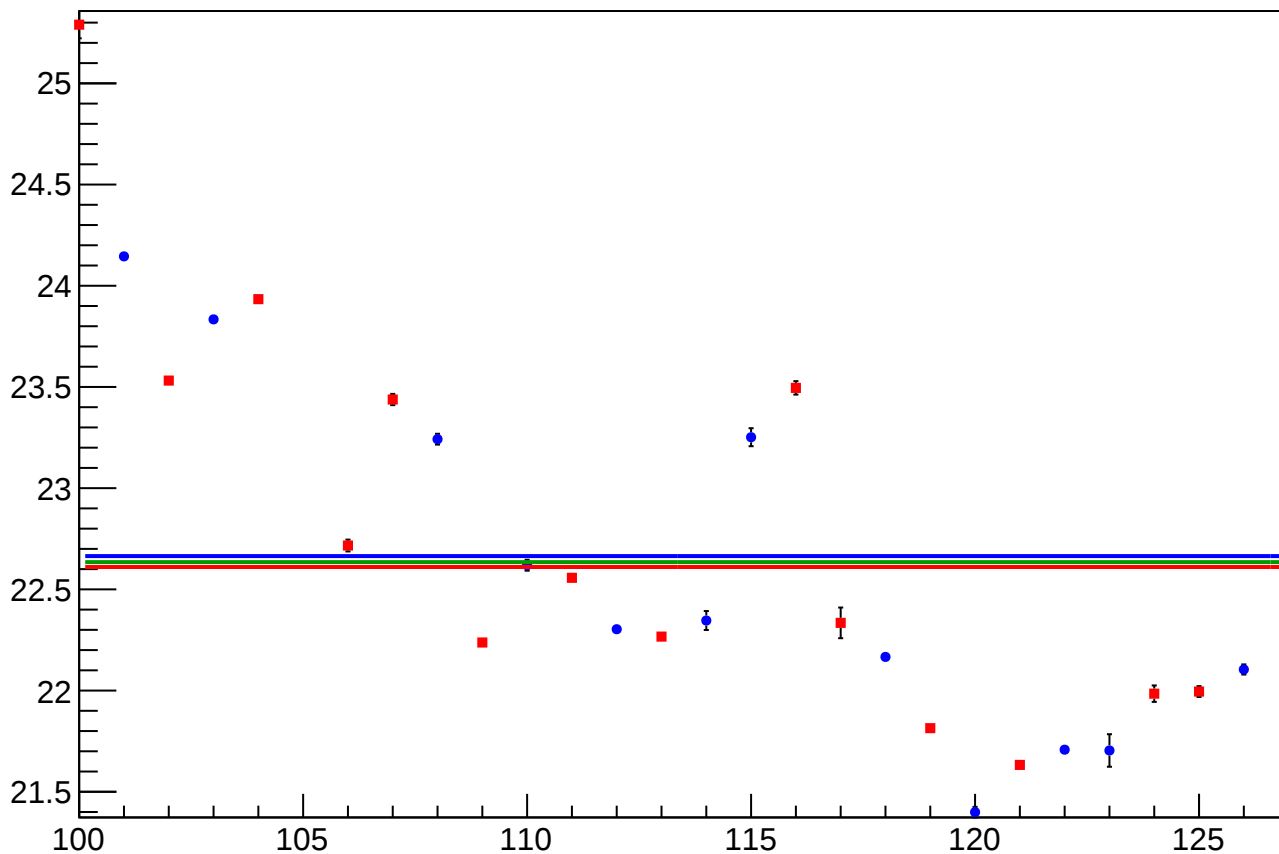
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

9.038+/-10.964 χ^2 /NDF: 10.2/11

8.836+/-7.322 χ^2 /NDF: 27.1/26

8.673+/-9.838 χ^2 /NDF: 16.9/14

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.664+/-0.008 χ^2/NDF : 13124.9/11

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

Right Out: 22.610+/-0.007 χ^2/NDF : 12296.3/14

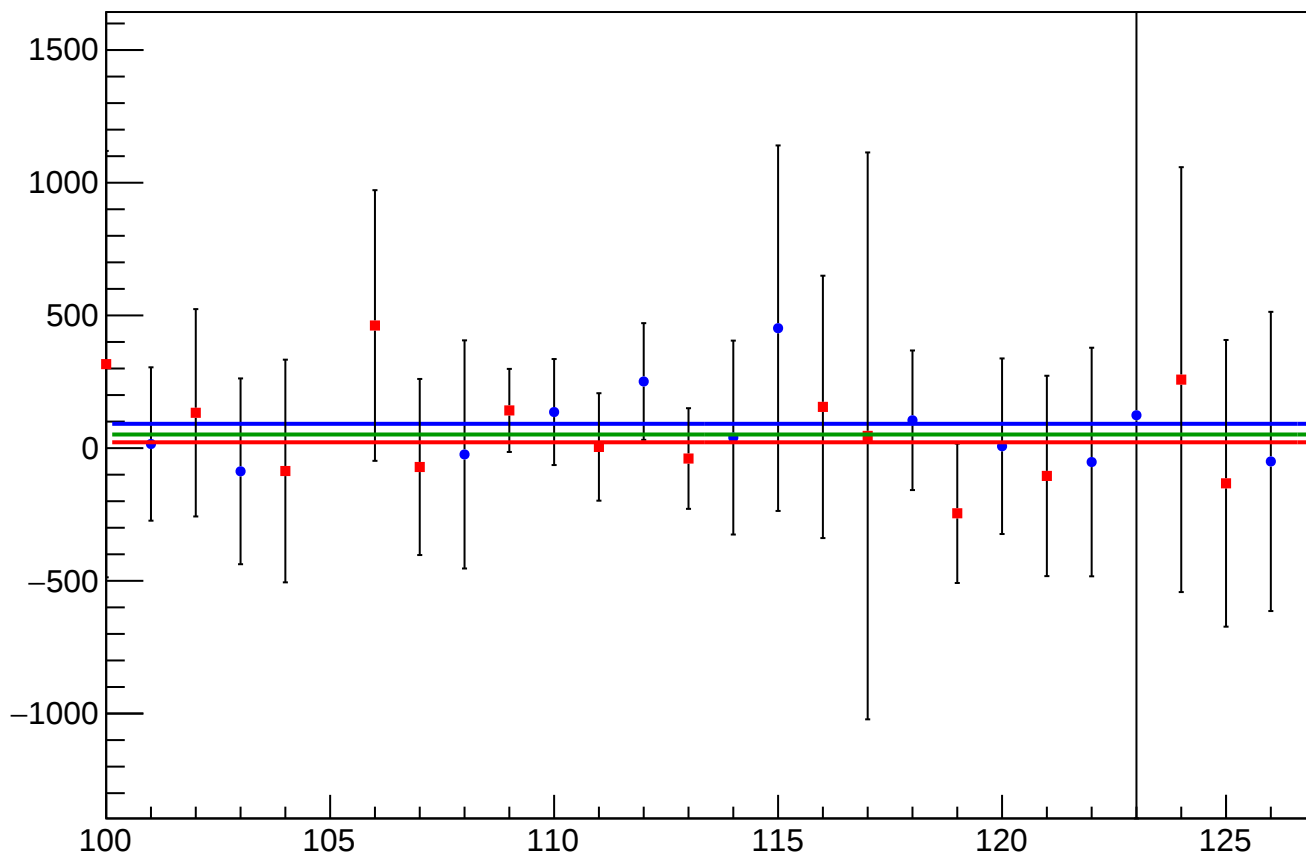
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.664+/-0.008 χ^2/NDF : 13124.9/11

22.635+/-0.005 χ^2/NDF : 25448.0/26

22.610+/-0.007 χ^2/NDF : 12296.3/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 91.640+/-93.866 χ^2/NDF : 1.5/11

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

Right Out: 22.029+/-80.137 χ^2/NDF : 3.2/14

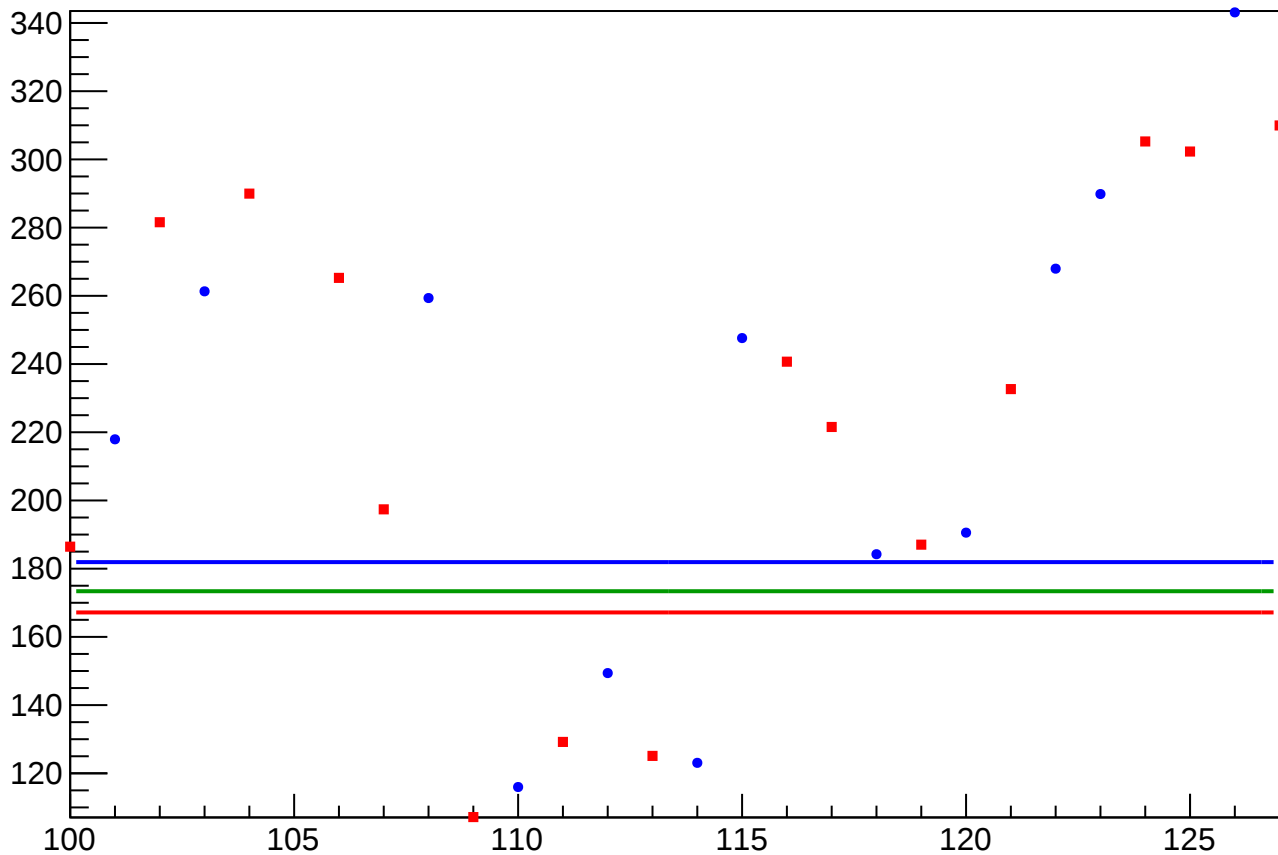
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.640+/-93.866 χ^2/NDF : 1.5/11

51.376+/-60.947 χ^2/NDF : 5.0/26

22.029+/-80.137 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.925+/-0.066 χ^2/NDF : 785802.9/11

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

Right Out: 167.168+/-0.057 χ^2/NDF : 1386333.0/14

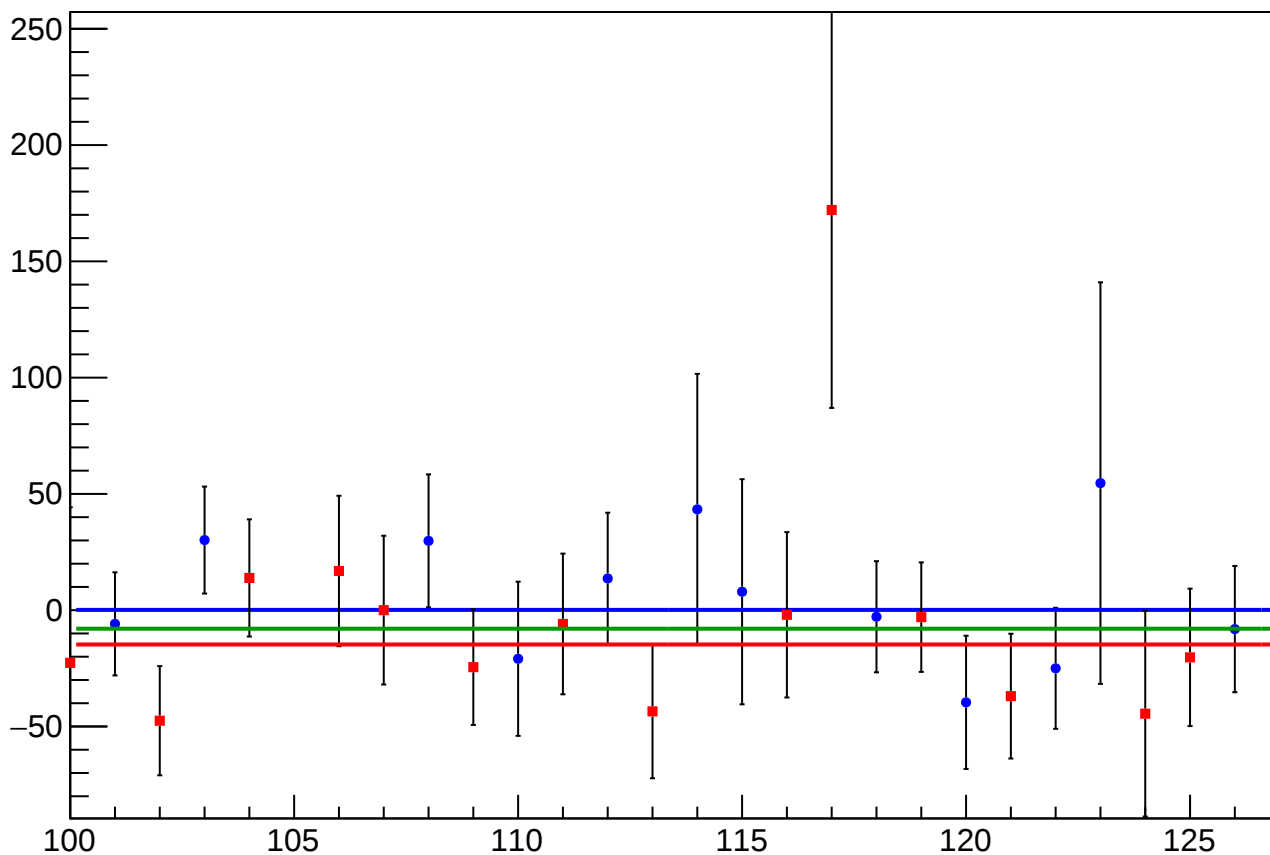
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.925+/-0.066 χ^2/NDF : 785802.9/11

173.389+/-0.043 χ^2/NDF : 2200724.6/26

167.168+/-0.057 χ^2/NDF : 1386333.0/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.136 $\pm$ 8.461 χ^2/NDF : 7.4/11

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

Right Out: -14.740 $\pm$ 7.745 χ^2/NDF : 12.1/14

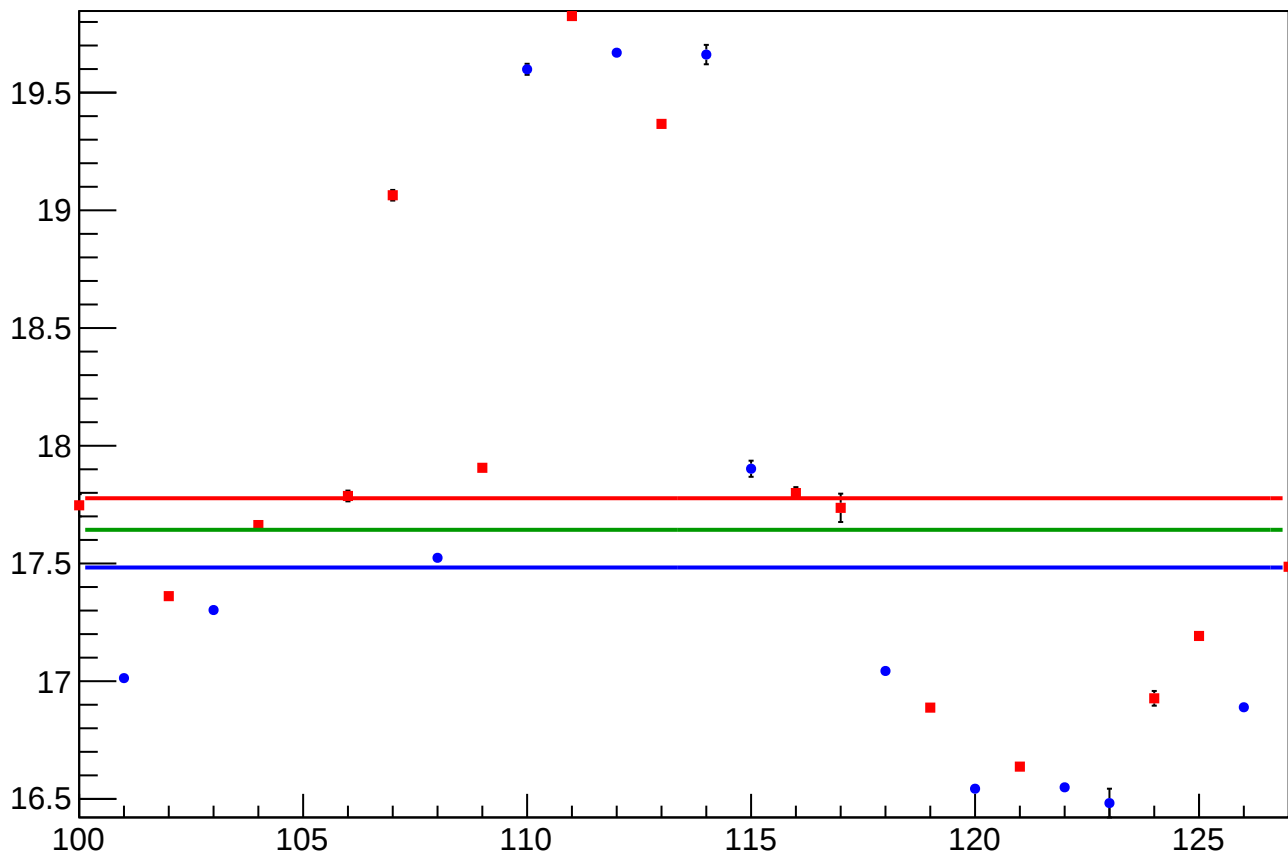
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.136 $\pm$ 8.461 χ^2/NDF : 7.4/11

-7.958 $\pm$ 5.713 χ^2/NDF : 21.2/26

-14.740 $\pm$ 7.745 χ^2/NDF : 12.1/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.483+/-0.006 χ^2/NDF : 30704.2/11

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

Right Out: 17.777+/-0.005 χ^2/NDF : 27467.3/14

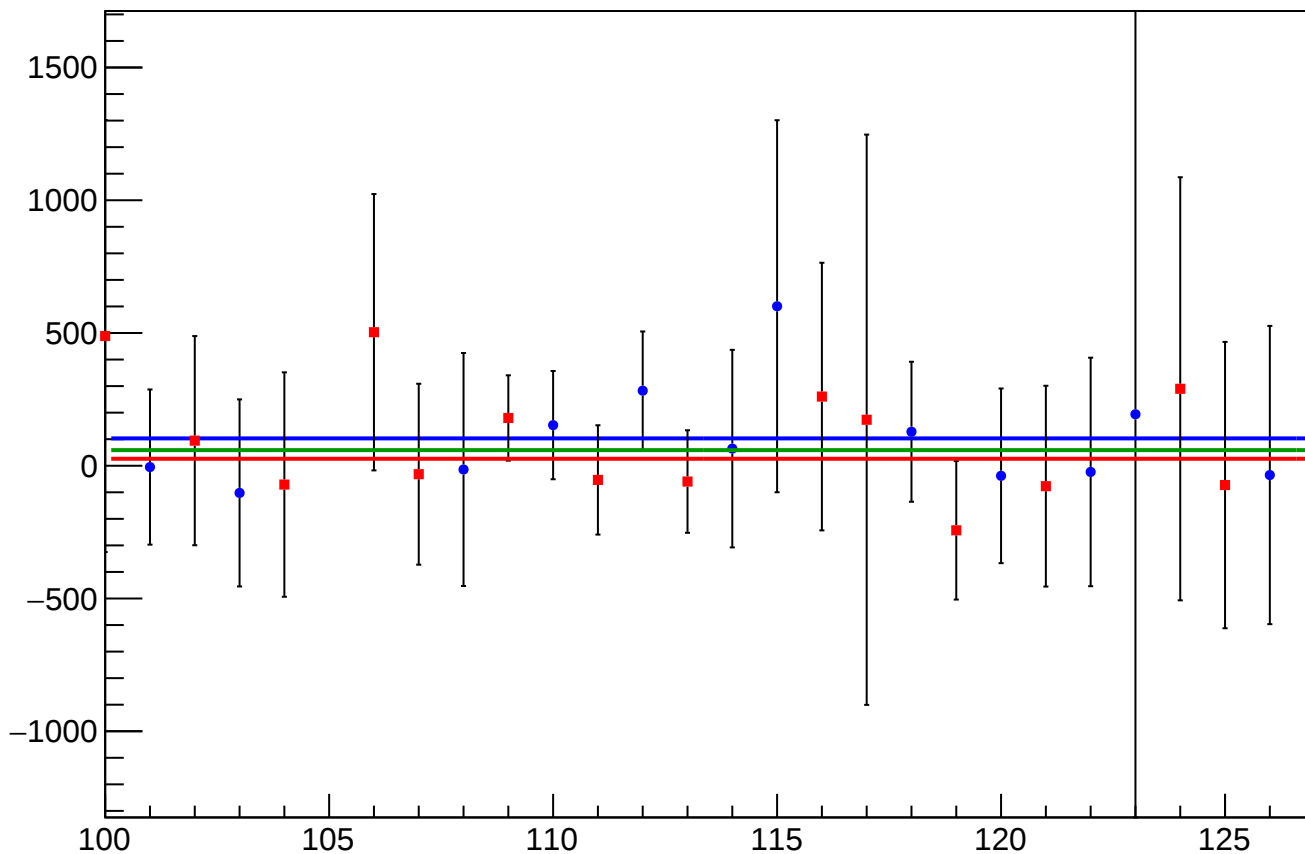
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.483+/-0.006 χ^2/NDF : 30704.2/11

17.643+/-0.004 χ^2/NDF : 59486.6/26

17.777+/-0.005 χ^2/NDF : 27467.3/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 103.056 $\pm$ 94.903 χ^2 /NDF: 2.1/11

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

Right Out: 26.317 $\pm$ 81.386 χ^2 /NDF: 4.1/14

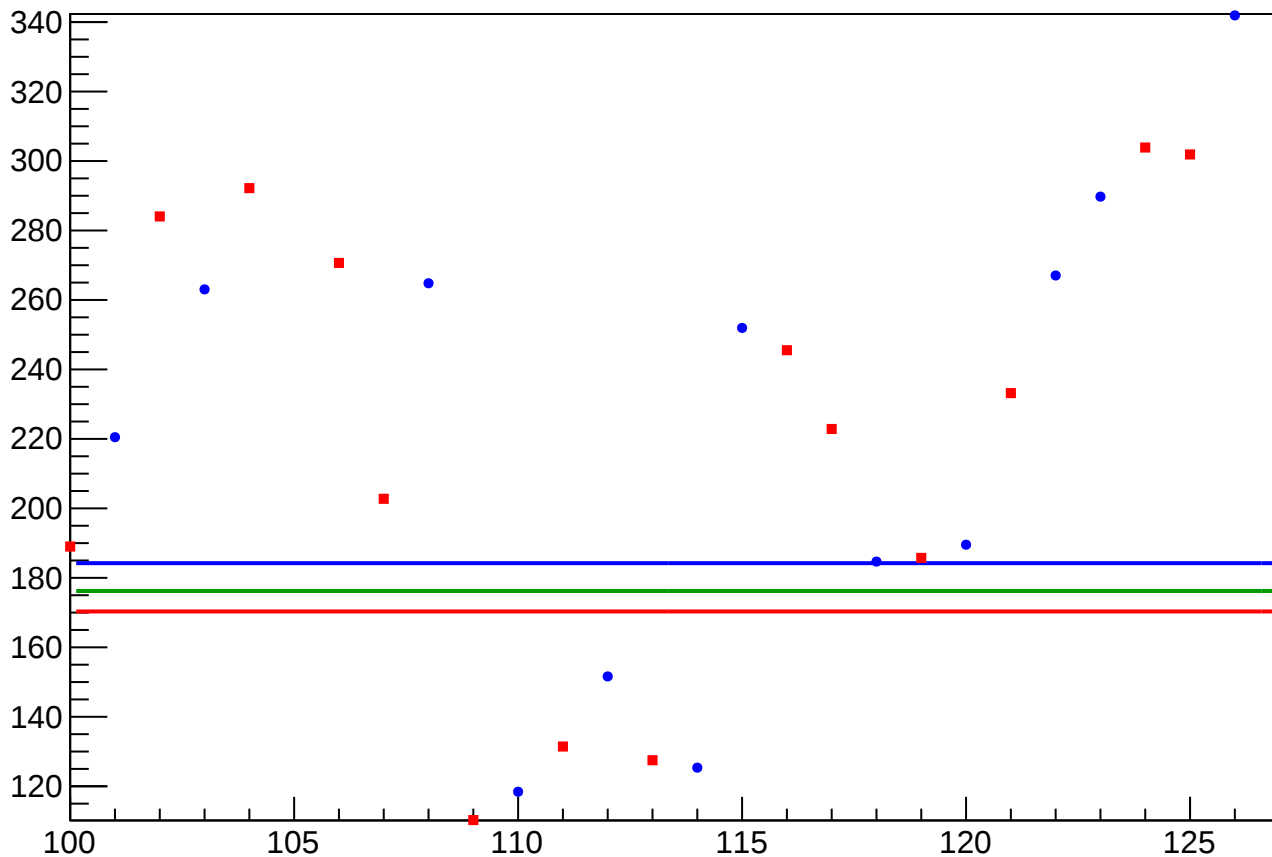
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.056 $\pm$ 94.903 χ^2 /NDF: 2.1/11

58.837 $\pm$ 61.780 χ^2 /NDF: 6.5/26

26.317 $\pm$ 81.386 χ^2 /NDF: 4.1/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.226+/-0.067 χ^2/NDF : 760221.3/11

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

Right Out: 170.327+/-0.058 χ^2/NDF : 1336990.2/14

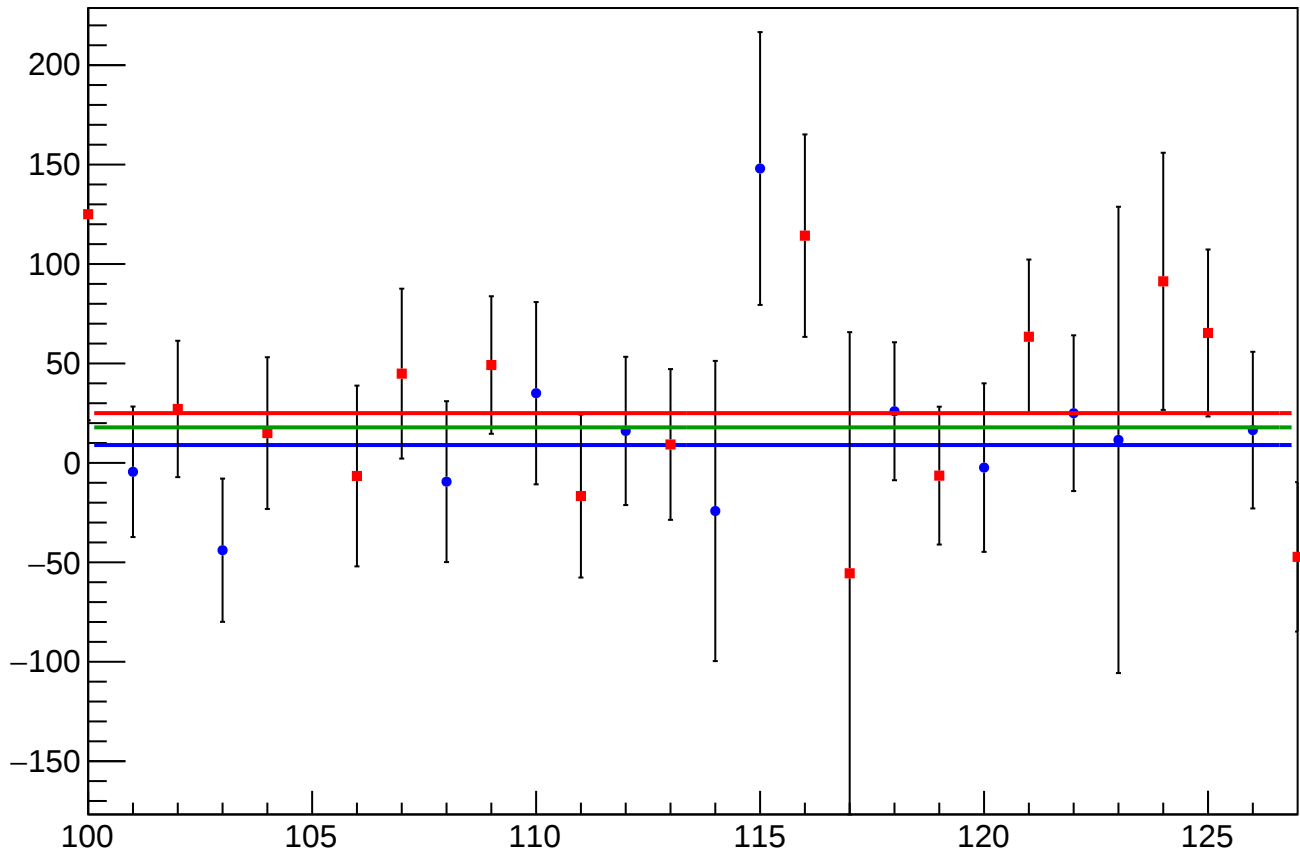
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

184.226+/-0.067 χ^2/NDF : 760221.3/11

176.217+/-0.044 χ^2/NDF : 2121931.7/26

170.327+/-0.058 χ^2/NDF : 1336990.2/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.981+/-12.261 χ^2 /NDF: 7.7/11

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

Right Out: 25.029+/-11.006 χ^2 /NDF: 14.4/14

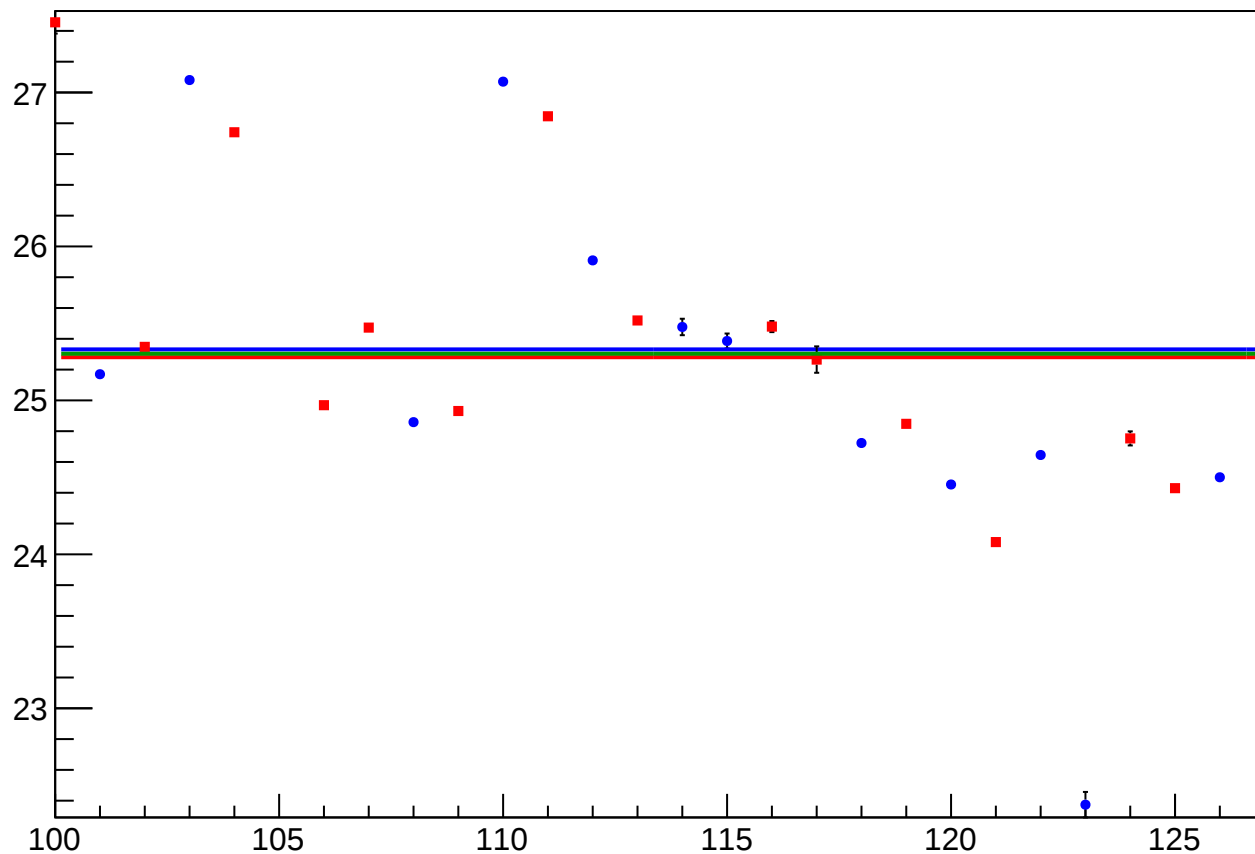
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

8.981+/-12.261 χ^2 /NDF: 7.7/11

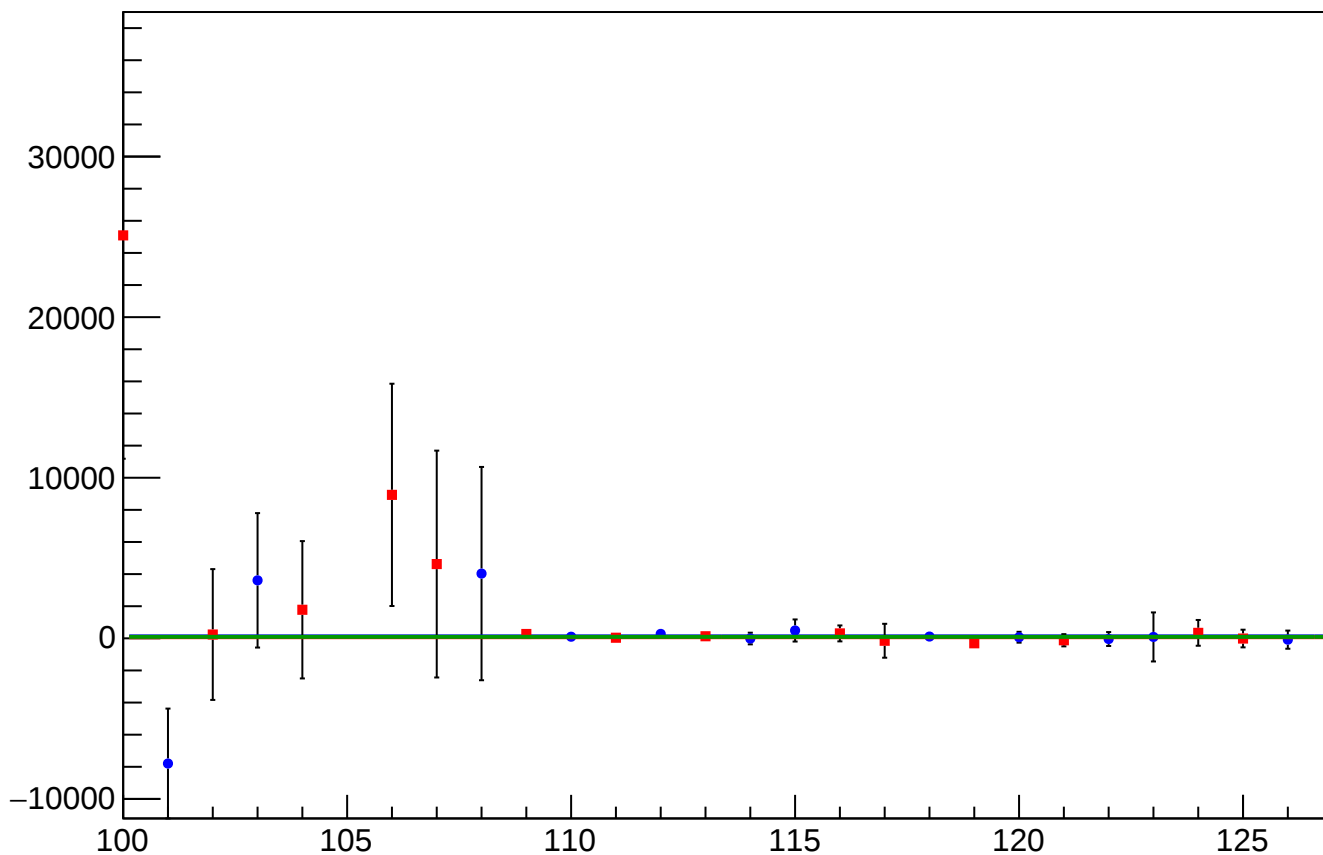
17.868+/-8.190 χ^2 /NDF: 23.0/26

25.029+/-11.006 χ^2 /NDF: 14.4/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 120.515+/-107.084 χ^2/NDF : 7.6/11

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

Right Out: 71.319+/-95.921 χ^2/NDF : 9.1/14

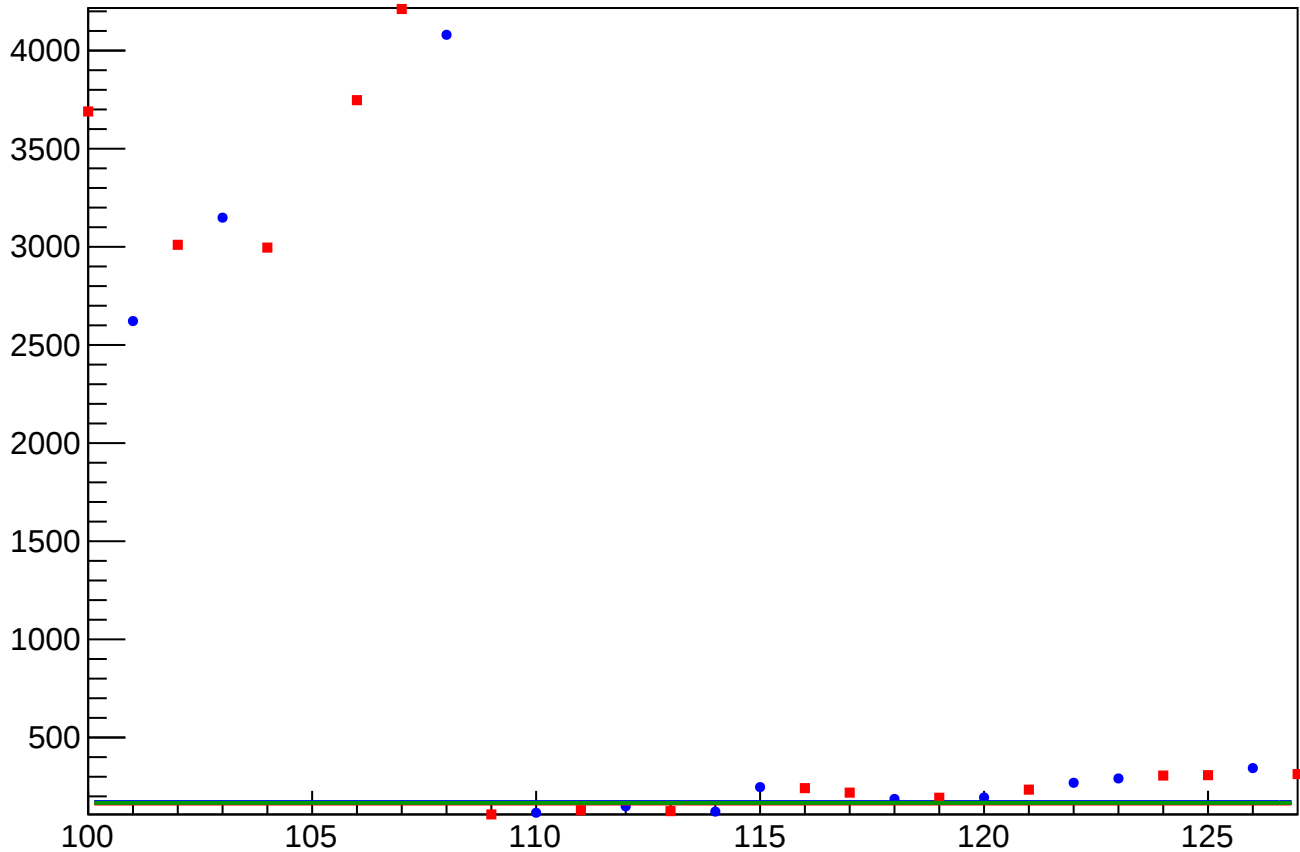
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.515+/-107.084 χ^2/NDF : 7.6/11

93.220+/-71.448 χ^2/NDF : 16.8/26

71.319+/-95.921 χ^2/NDF : 9.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.045+/-0.076 χ^2/NDF : 3278749.4/11

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

Right Out: 163.642+/-0.068 χ^2/NDF : 3996610.4/14

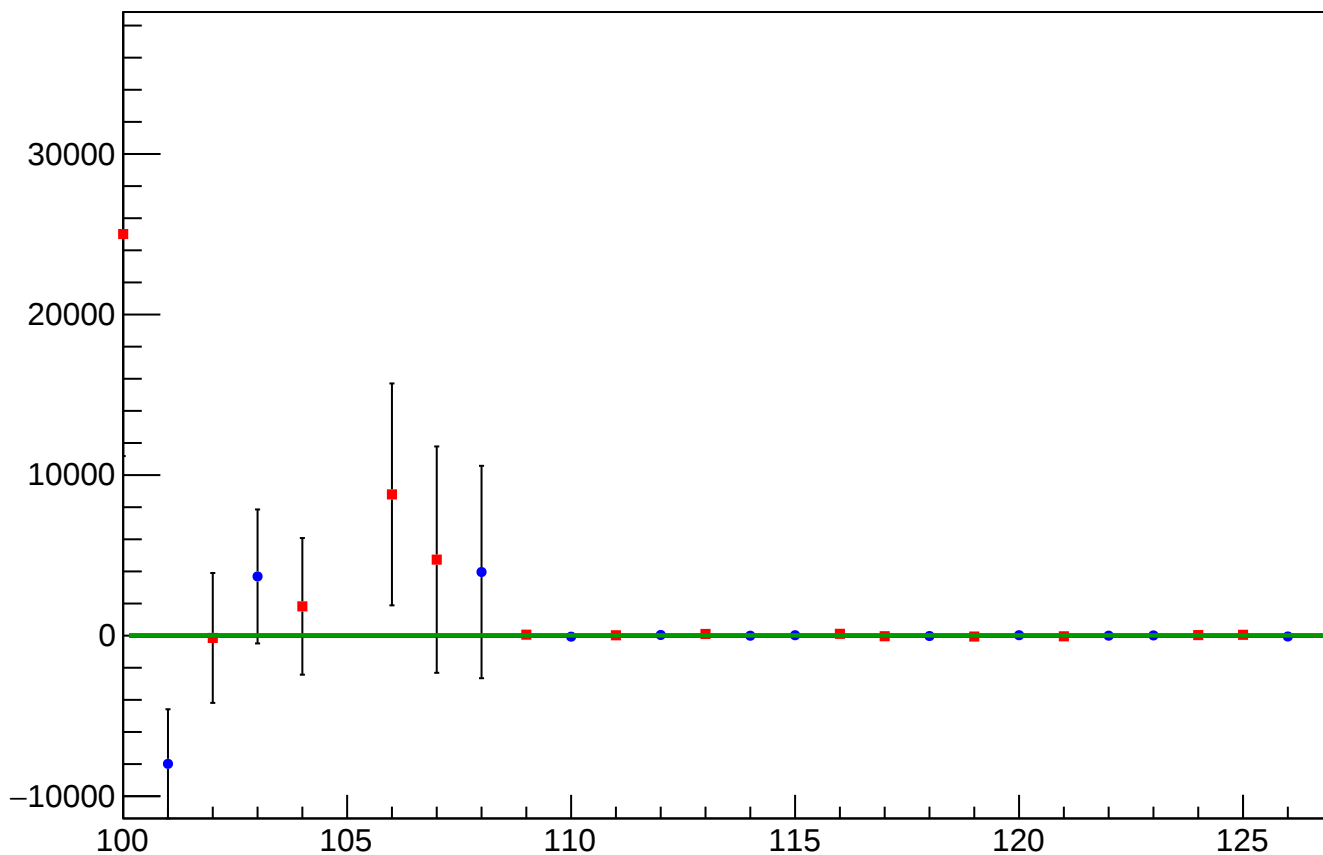
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.045+/-0.076 χ^2/NDF : 3278749.4/11

166.937+/-0.051 χ^2/NDF : 7280664.1/26

163.642+/-0.068 χ^2/NDF : 3996610.4/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.000+/-16.458 χ^2/NDF : 11.8/11

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

Right Out: 25.306+/-15.316 χ^2/NDF : 19.5/14

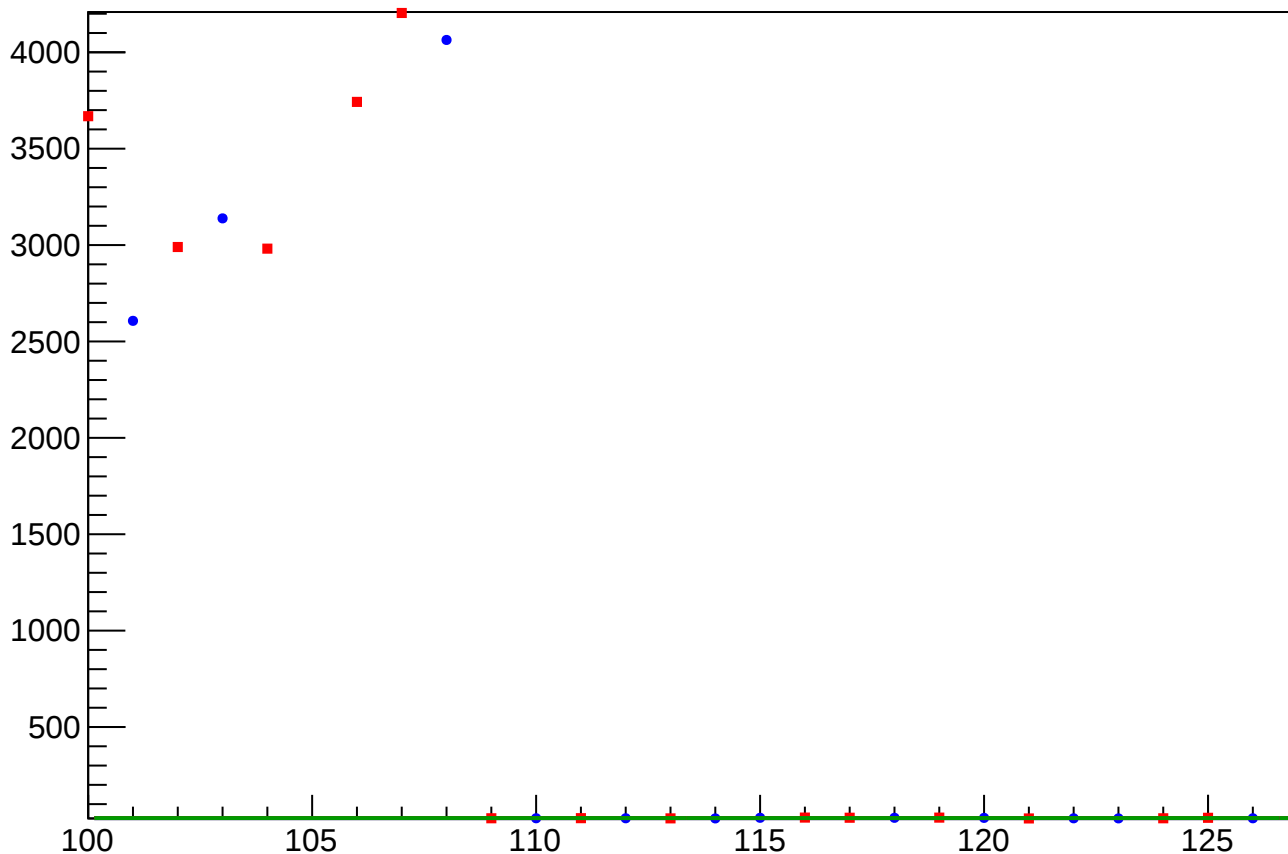
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.000+/-16.458 χ^2/NDF : 11.8/11

9.384+/-11.212 χ^2/NDF : 33.7/26

25.306+/-15.316 χ^2/NDF : 19.5/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.408+/-0.012 χ^2/NDF : 3016799.1/11

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

Right Out: 27.703+/-0.011 χ^2/NDF : 3475440.5/14

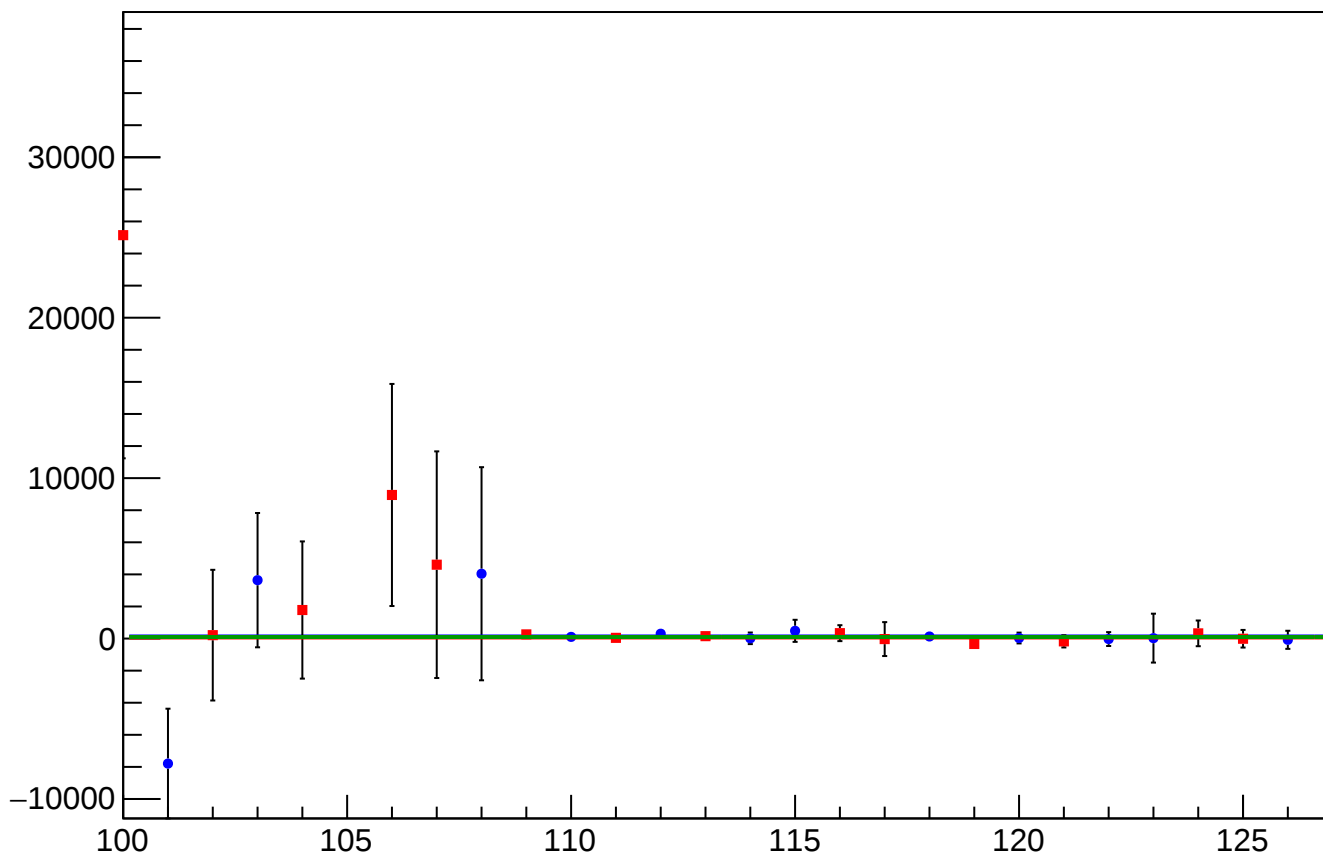
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.408+/-0.012 χ^2/NDF : 3016799.1/11

27.566+/-0.008 χ^2/NDF : 6492583.6/26

27.703+/-0.011 χ^2/NDF : 3475440.5/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 130.033+/-106.661 χ^2/NDF : 7.8/11

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

Right Out: 68.930+/-95.516 χ^2/NDF : 9.6/14

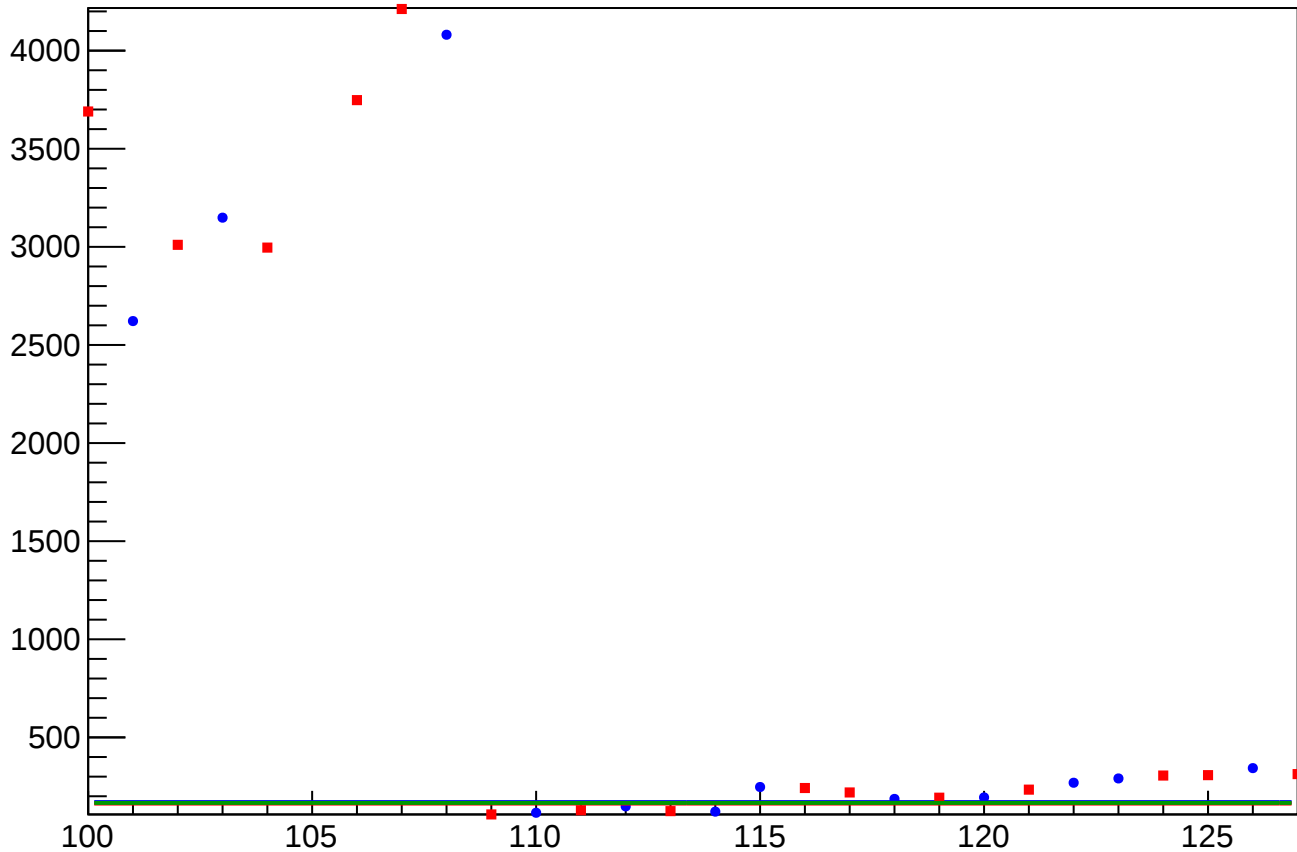
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

130.033+/-106.661 χ^2/NDF : 7.8/11

96.123+/-71.155 χ^2/NDF : 17.5/26

68.930+/-95.516 χ^2/NDF : 9.6/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.263+/-0.075 χ^2/NDF : 3285098.6/11

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

Right Out: 162.826+/-0.068 χ^2/NDF : 4005091.7/14

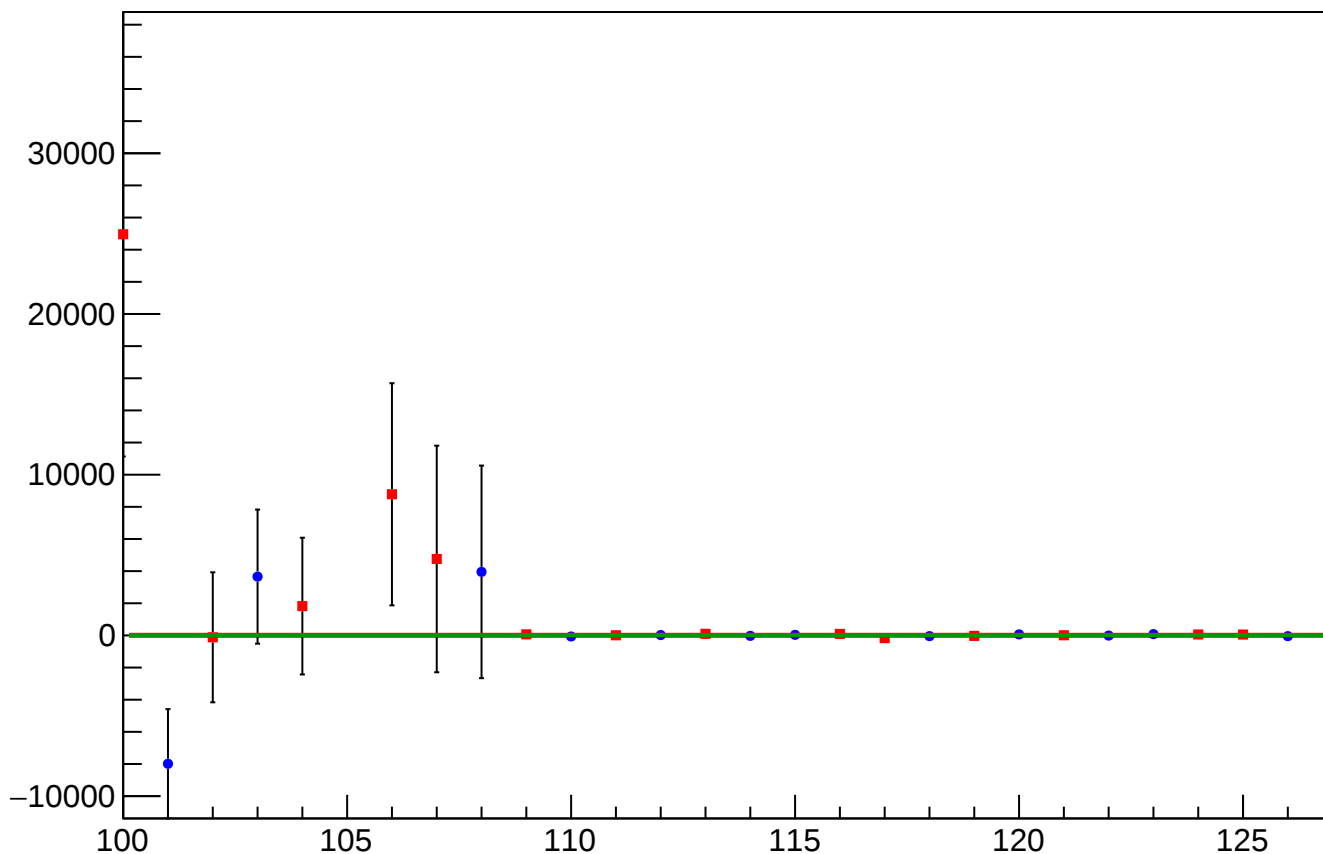
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.263+/-0.075 χ^2/NDF : 3285098.6/11

166.136+/-0.050 χ^2/NDF : 7295587.0/26

162.826+/-0.068 χ^2/NDF : 4005091.7/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.561 $\pm$ 16.565 χ^2 /NDF: 13.2/11

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

Right Out: 38.290 $\pm$ 15.464 χ^2 /NDF: 15.0/14

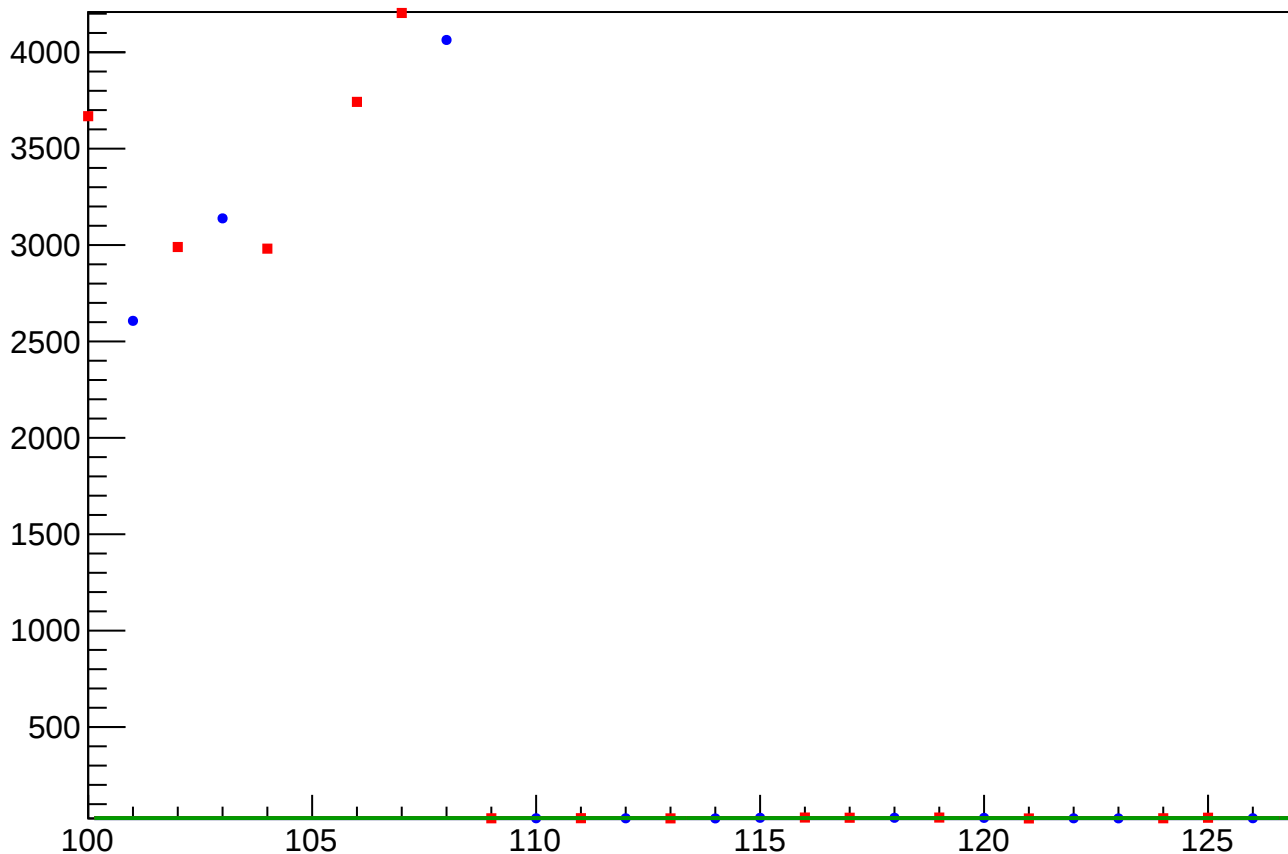
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.561 $\pm$ 16.565 χ^2 /NDF: 13.2/11

14.611 $\pm$ 11.304 χ^2 /NDF: 33.2/26

38.290 $\pm$ 15.464 χ^2 /NDF: 15.0/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.583+/-0.012 χ^2/NDF : 3016869.5/11

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

Right Out: 27.962+/-0.011 χ^2/NDF : 3478272.9/14

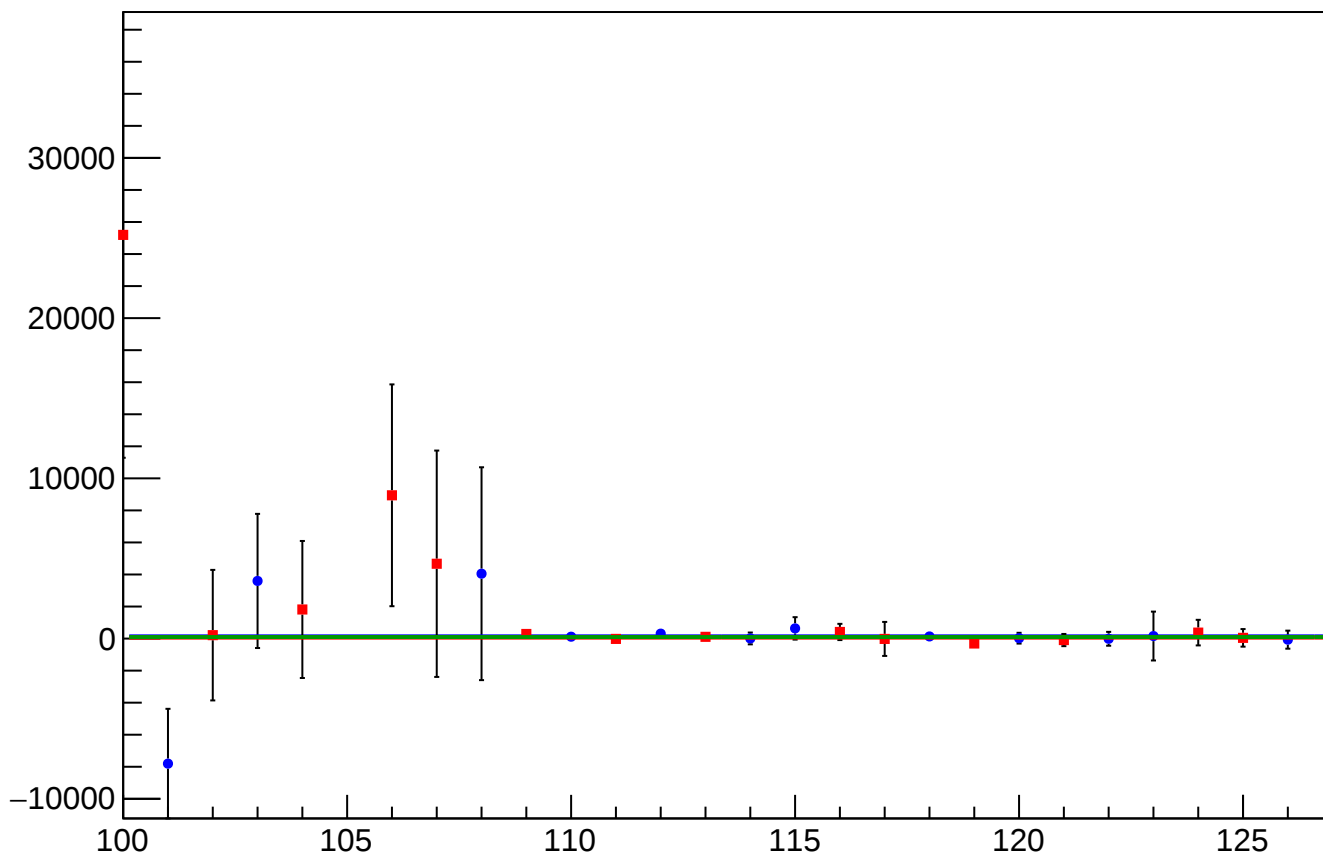
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.583+/-0.012 χ^2/NDF : 3016869.5/11

27.786+/-0.008 χ^2/NDF : 6495700.1/26

27.962+/-0.011 χ^2/NDF : 3478272.9/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 139.174+/-108.096 χ^2/NDF : 8.0/11

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

Right Out: 61.081+/-96.993 χ^2/NDF : 9.5/14

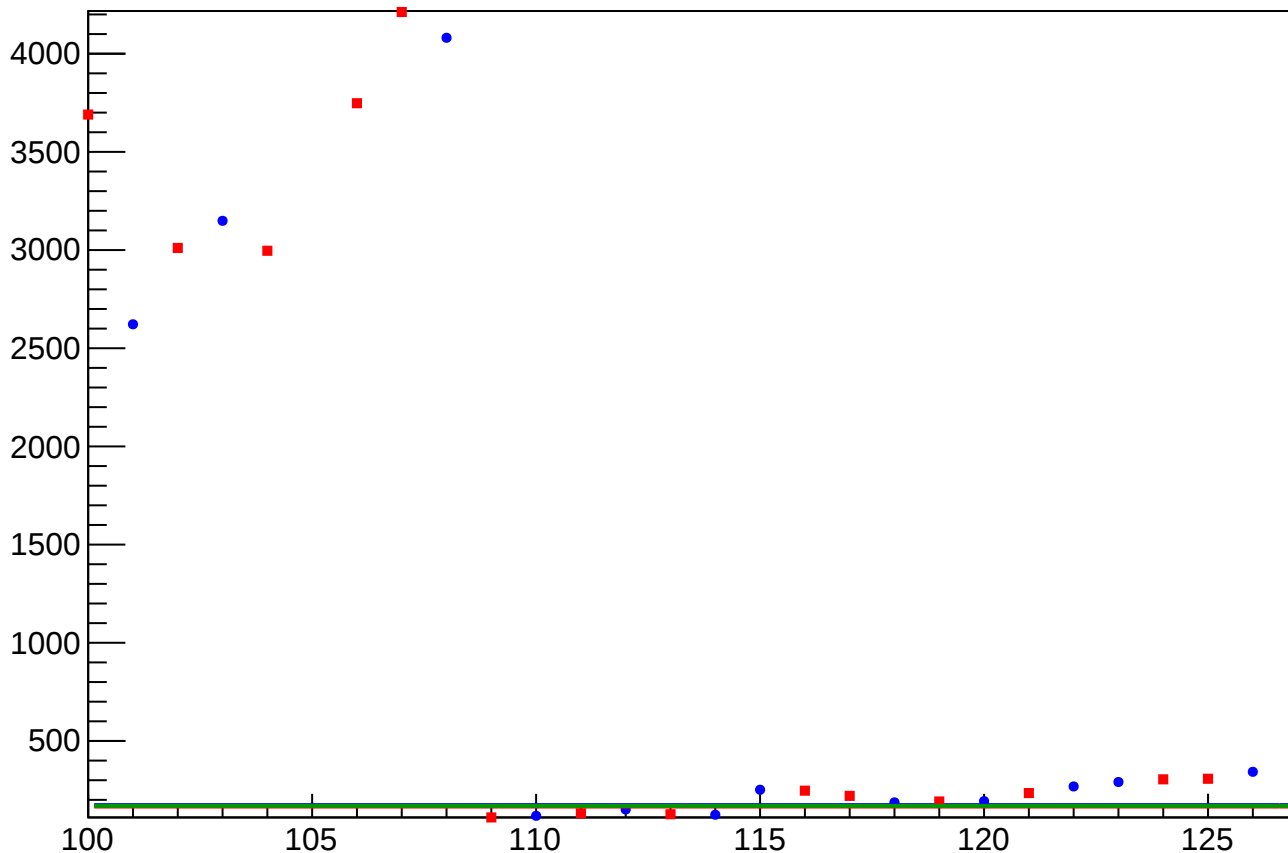
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.174+/-108.096 χ^2/NDF : 8.0/11

95.912+/-72.192 χ^2/NDF : 17.8/26

61.081+/-96.993 χ^2/NDF : 9.5/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.060 $\pm$ 0.076 χ^2 /NDF: 3252250.0/11

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

Right Out: 166.030 $\pm$ 0.069 χ^2 /NDF: 3961861.5/14

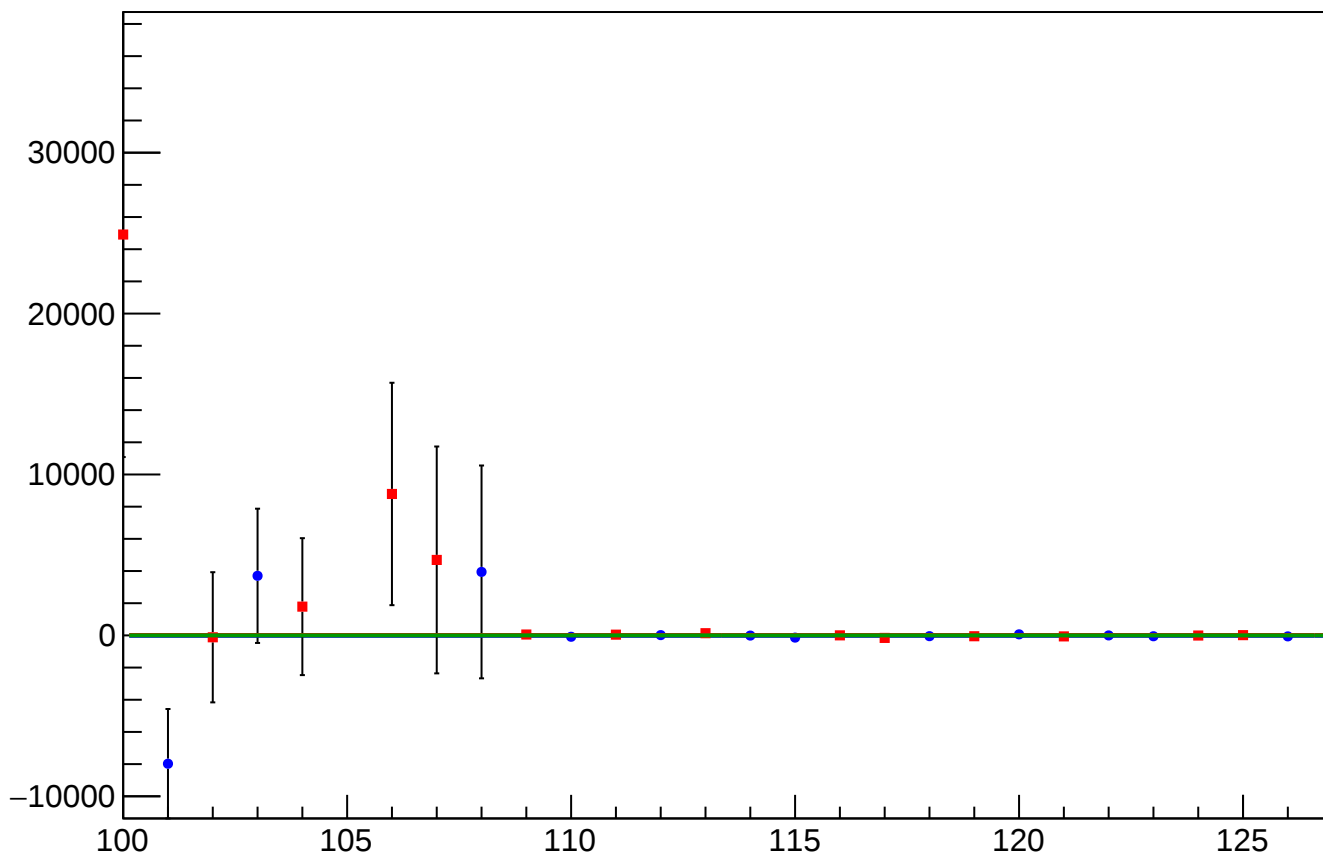
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

173.060 $\pm$ 0.076 χ^2 /NDF: 3252250.0/11

169.165 $\pm$ 0.051 χ^2 /NDF: 7218798.1/26

166.030 $\pm$ 0.069 χ^2 /NDF: 3961861.5/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -26.229+/-20.194 χ^2 /NDF: 13.2/11

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

Right Out: 22.253+/-18.664 χ^2 /NDF: 18.5/14

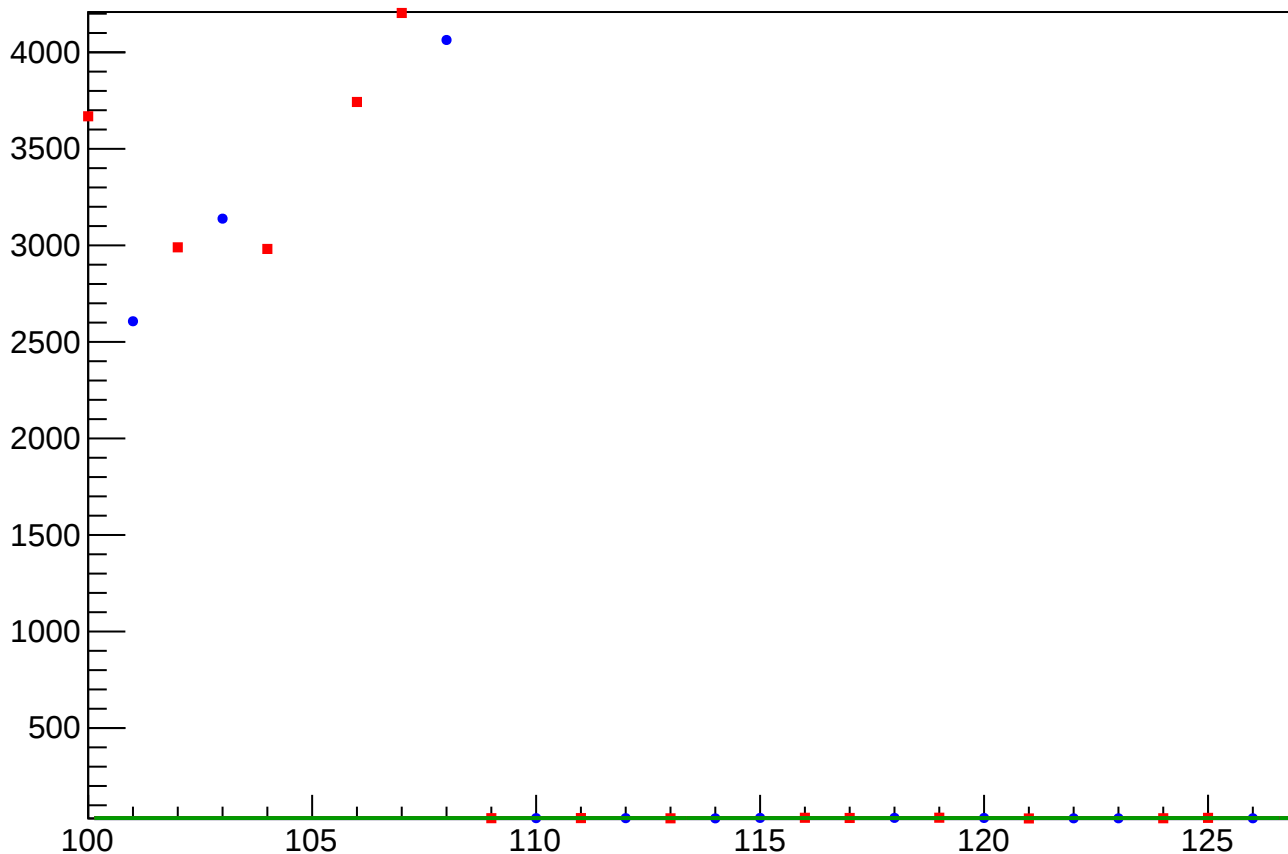
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-26.229+/-20.194 χ^2 /NDF: 13.2/11

-0.081+/-13.706 χ^2 /NDF: 34.8/26

22.253+/-18.664 χ^2 /NDF: 18.5/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.645 $\pm$ 0.014 χ^2 /NDF: 2998856.3/11

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

Right Out: 33.839 $\pm$ 0.013 χ^2 /NDF: 3450695.5/14

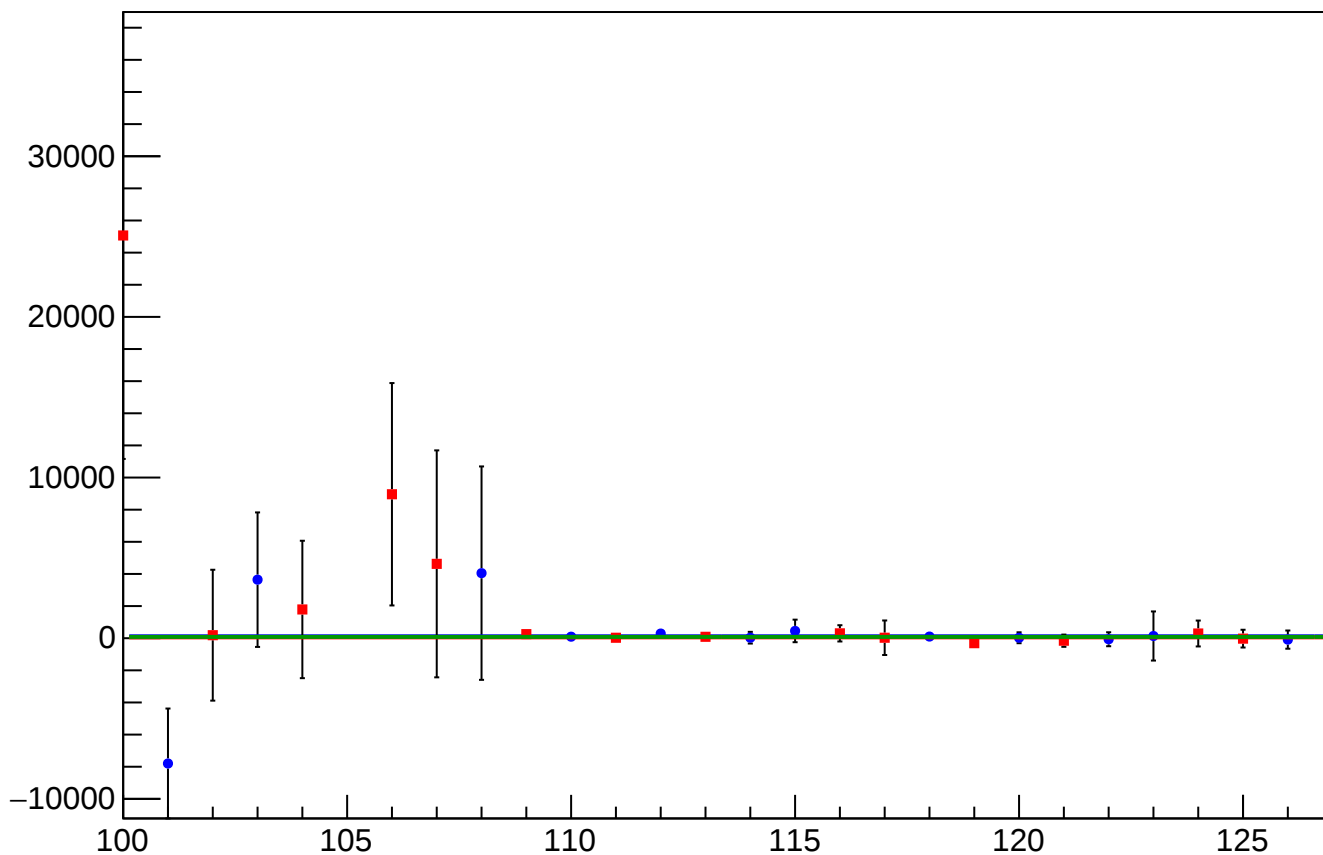
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

33.645 $\pm$ 0.014 χ^2 /NDF: 2998856.3/11

33.750 $\pm$ 0.010 χ^2 /NDF: 6449650.6/26

33.839 $\pm$ 0.013 χ^2 /NDF: 3450695.5/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 118.357+/-107.492 χ^2/NDF : 7.7/11

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

Right Out: 52.678+/-96.320 χ^2/NDF : 8.8/14

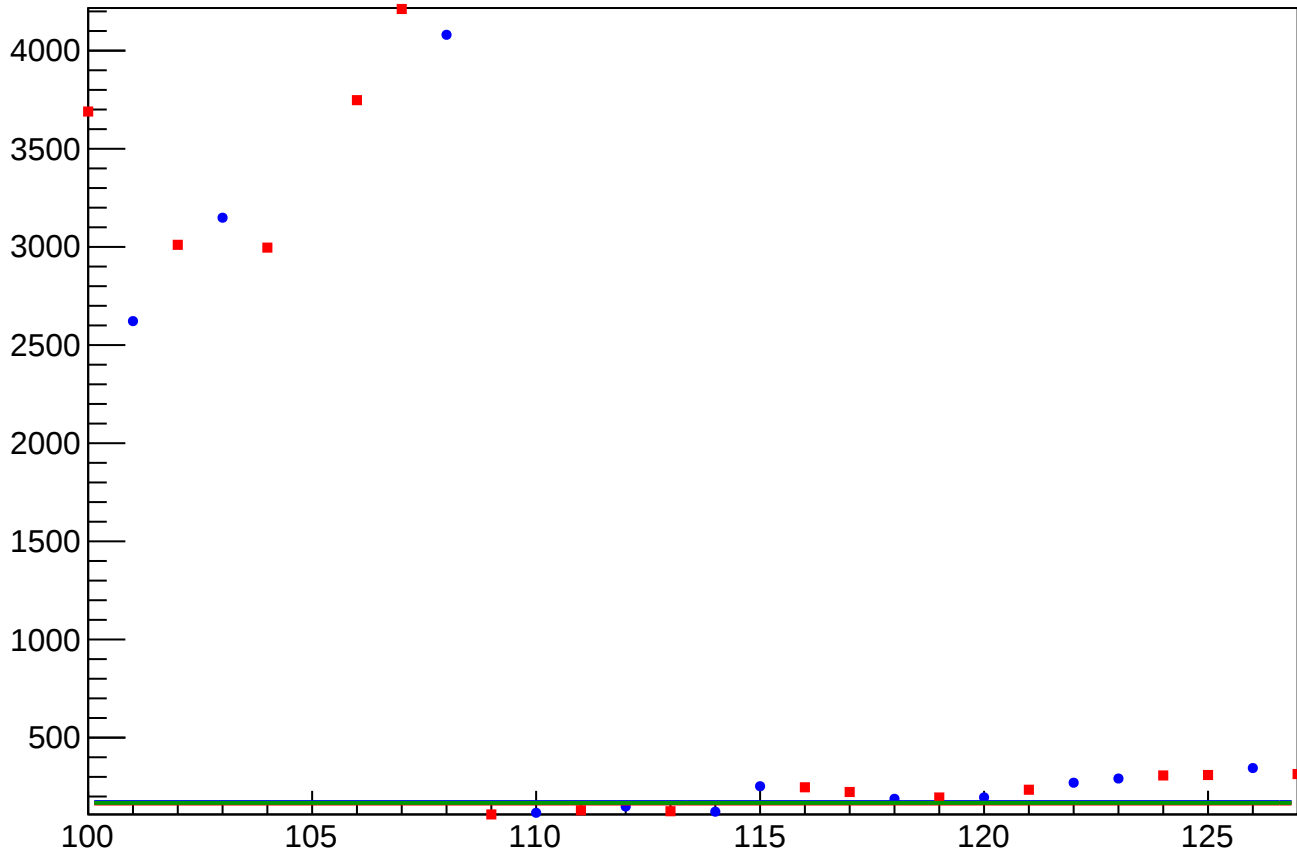
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.357+/-107.492 χ^2/NDF : 7.7/11

81.928+/-71.734 χ^2/NDF : 16.7/26

52.678+/-96.320 χ^2/NDF : 8.8/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.675+/-0.076 χ^2/NDF : 3281240.2/11

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

Right Out: 164.301+/-0.068 χ^2/NDF : 4001215.1/14

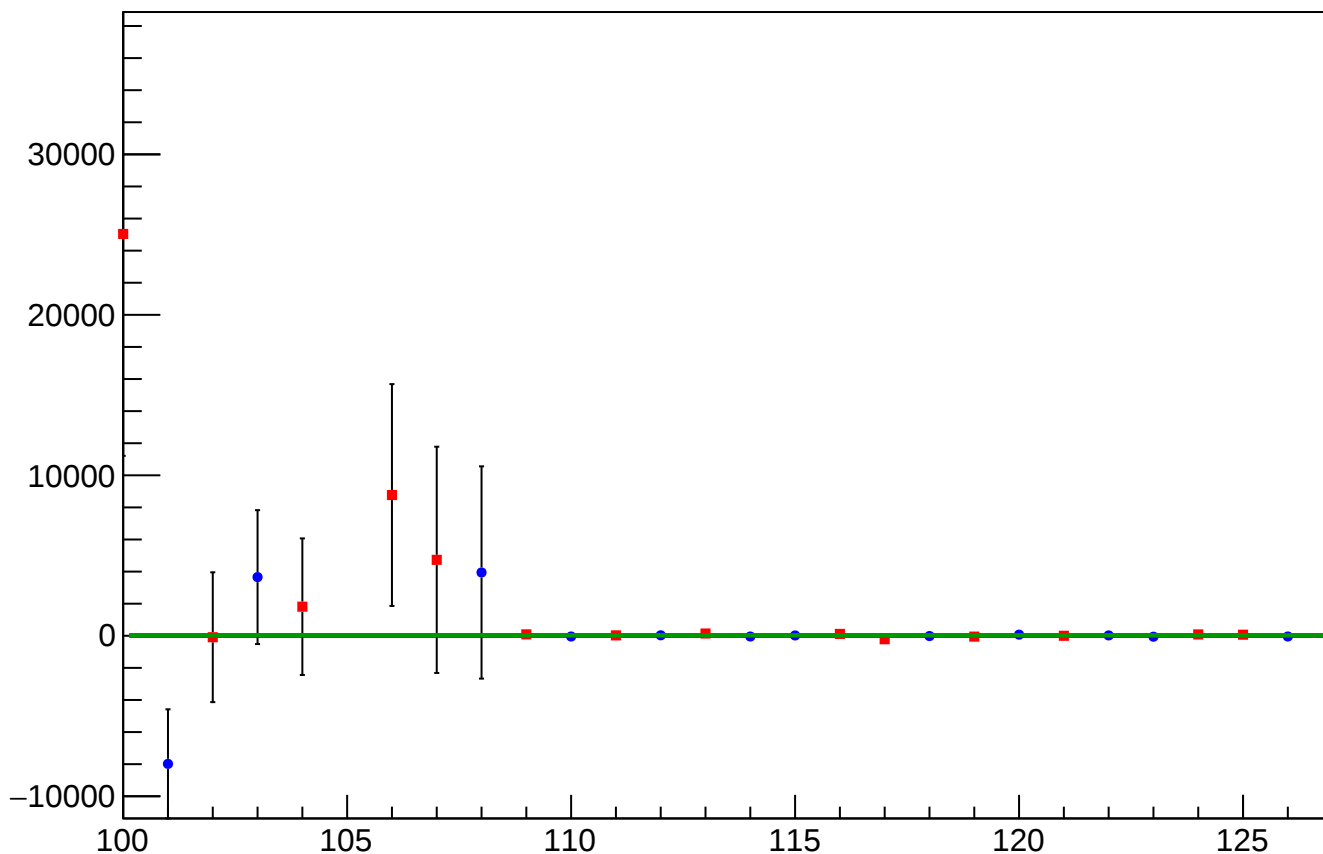
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.675+/-0.076 χ^2/NDF : 3281240.2/11

167.585+/-0.051 χ^2/NDF : 7287675.1/26

164.301+/-0.068 χ^2/NDF : 4001215.1/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.305+/-18.470 χ^2/NDF : 11.2/11

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

Right Out: 41.073+/-17.151 χ^2/NDF : 21.3/14

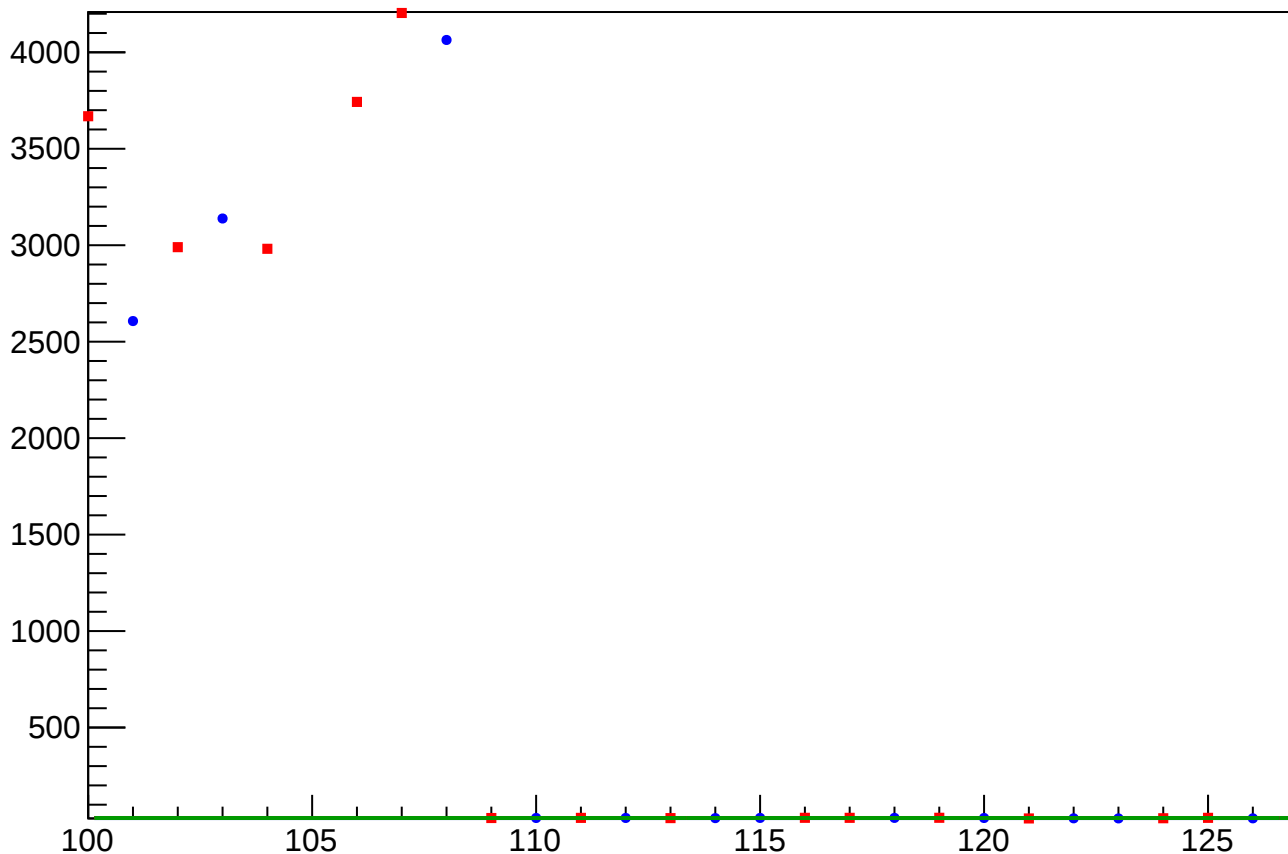
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.305+/-18.470 χ^2/NDF : 11.2/11

21.913+/-12.568 χ^2/NDF : 35.2/26

41.073+/-17.151 χ^2/NDF : 21.3/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.795+/-0.013 χ^2/NDF : 3006007.4/11

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

Right Out: 31.078+/-0.012 χ^2/NDF : 3456094.4/14

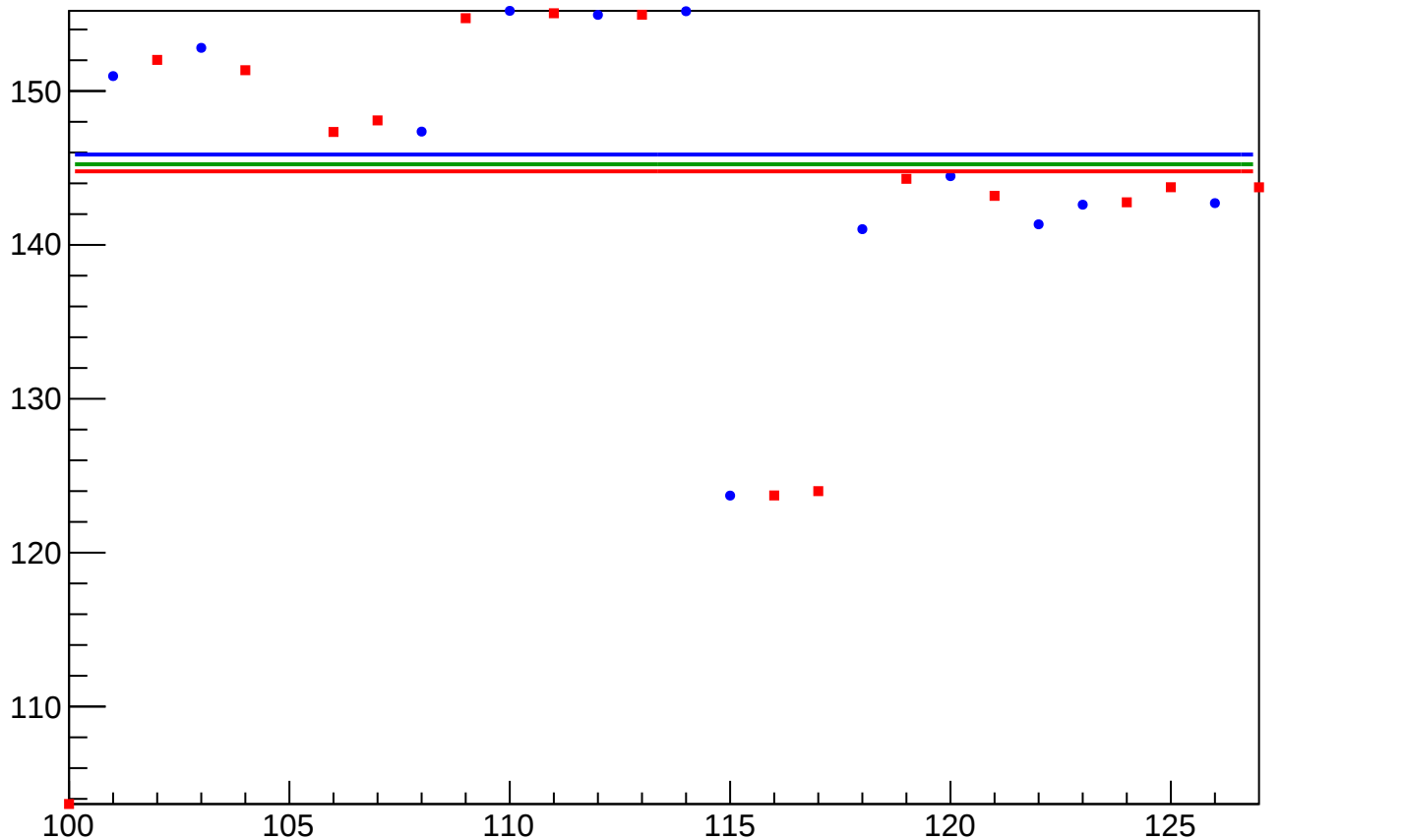
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.795+/-0.013 χ^2/NDF : 3006007.4/11

30.947+/-0.009 χ^2/NDF : 6462353.7/26

31.078+/-0.012 χ^2/NDF : 3456094.4/14

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 145.871+/-0.000 χ^2/NDF : 2001496766.3/11

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

Right Out: 144.781+/-0.000 χ^2/NDF : 4257766519.3/14

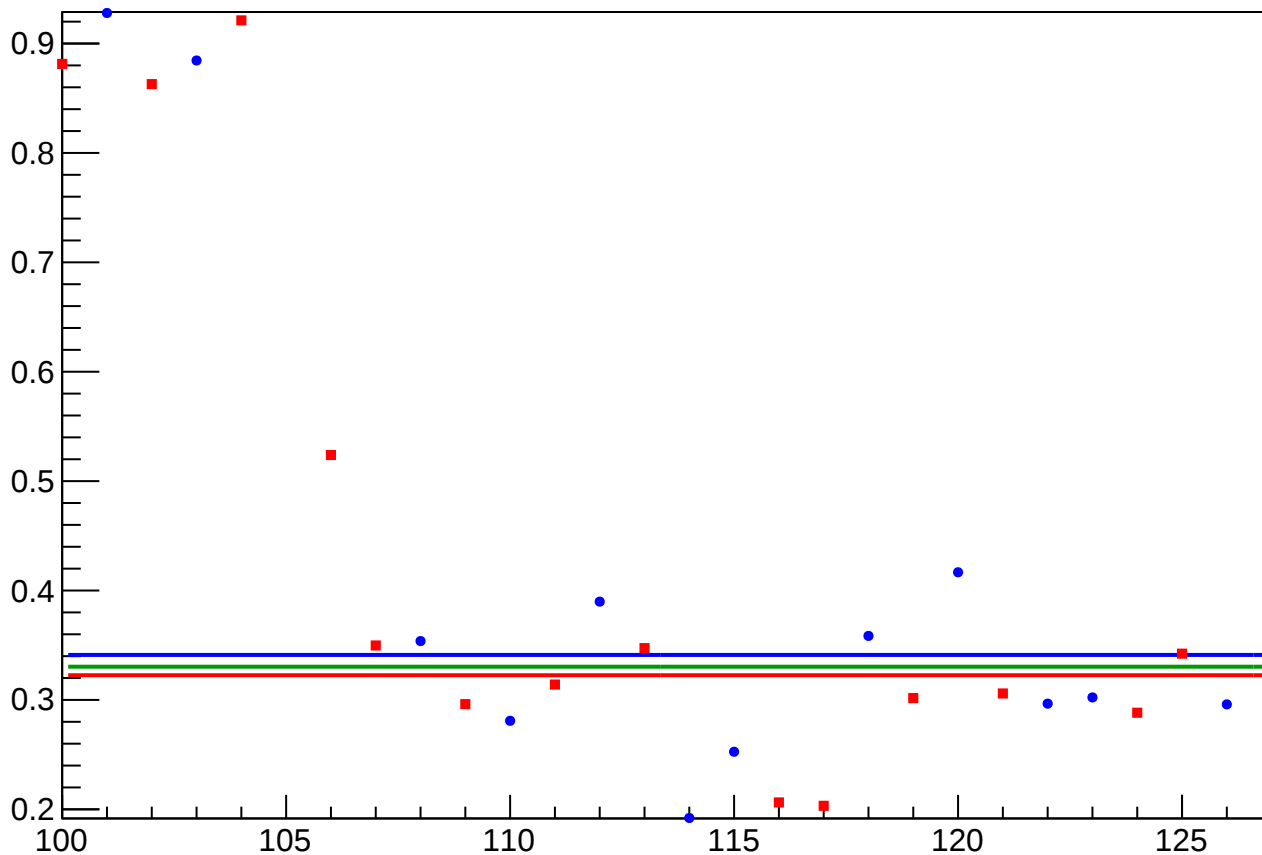
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.871+/-0.000 χ^2/NDF : 2001496766.3/11

145.239+/-0.000 χ^2/NDF : 6279242728.7/11

144.781+/-0.000 χ^2/NDF : 4257766519.3/14

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.341+/-0.000 χ^2/NDF : 1115941.4/11

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

Right Out: 0.323+/-0.000 χ^2/NDF : 1143048.2/14

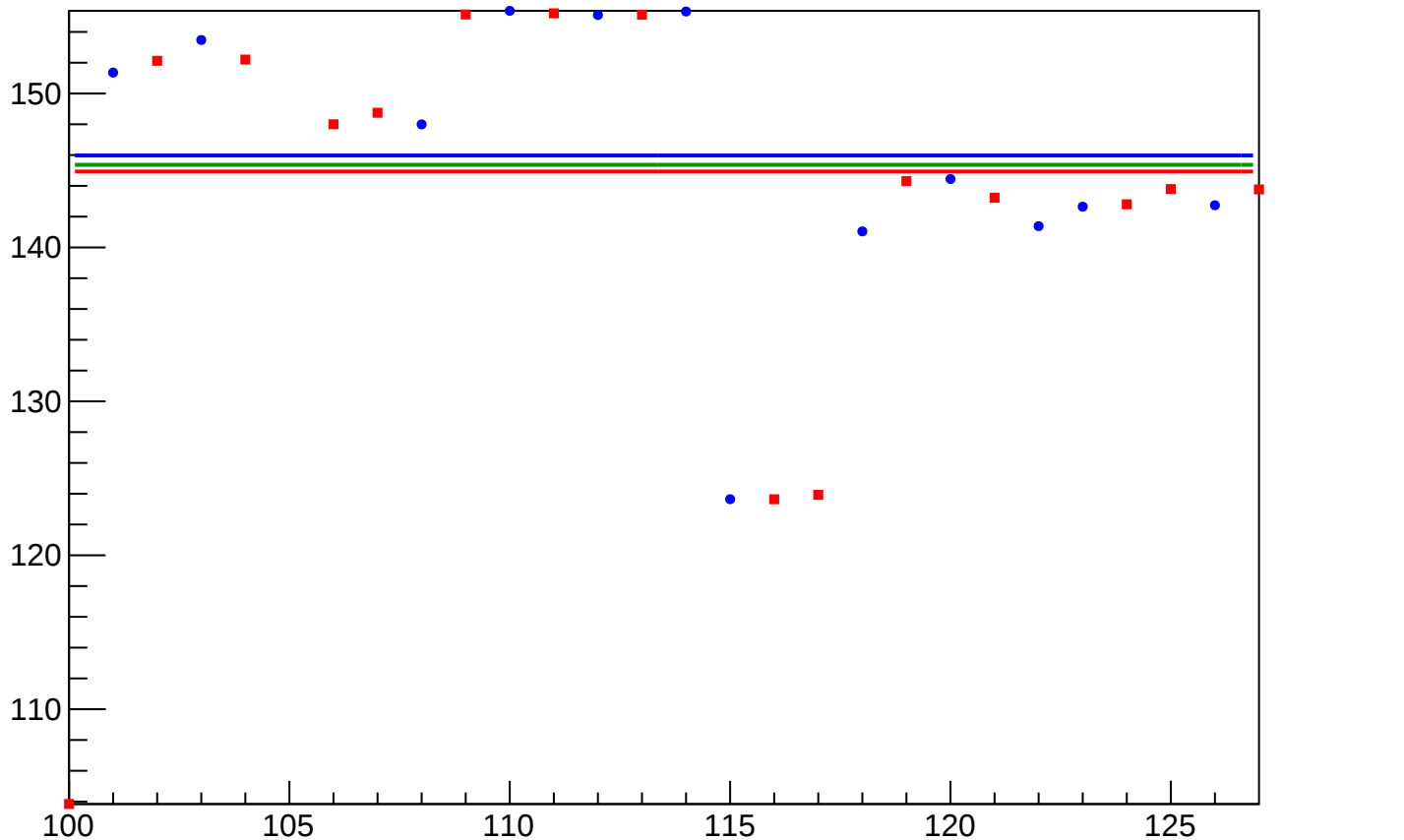
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.341+/-0.000 χ^2/NDF : 1115941.4/11

0.330+/-0.000 χ^2/NDF : 2270583.6/26

0.323+/-0.000 χ^2/NDF : 1143048.2/14

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 145.973+/-0.000 χ^2/NDF : 2017632649.2/11

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

Right Out: 144.930+/-0.000 χ^2/NDF : 4272689367.3/14

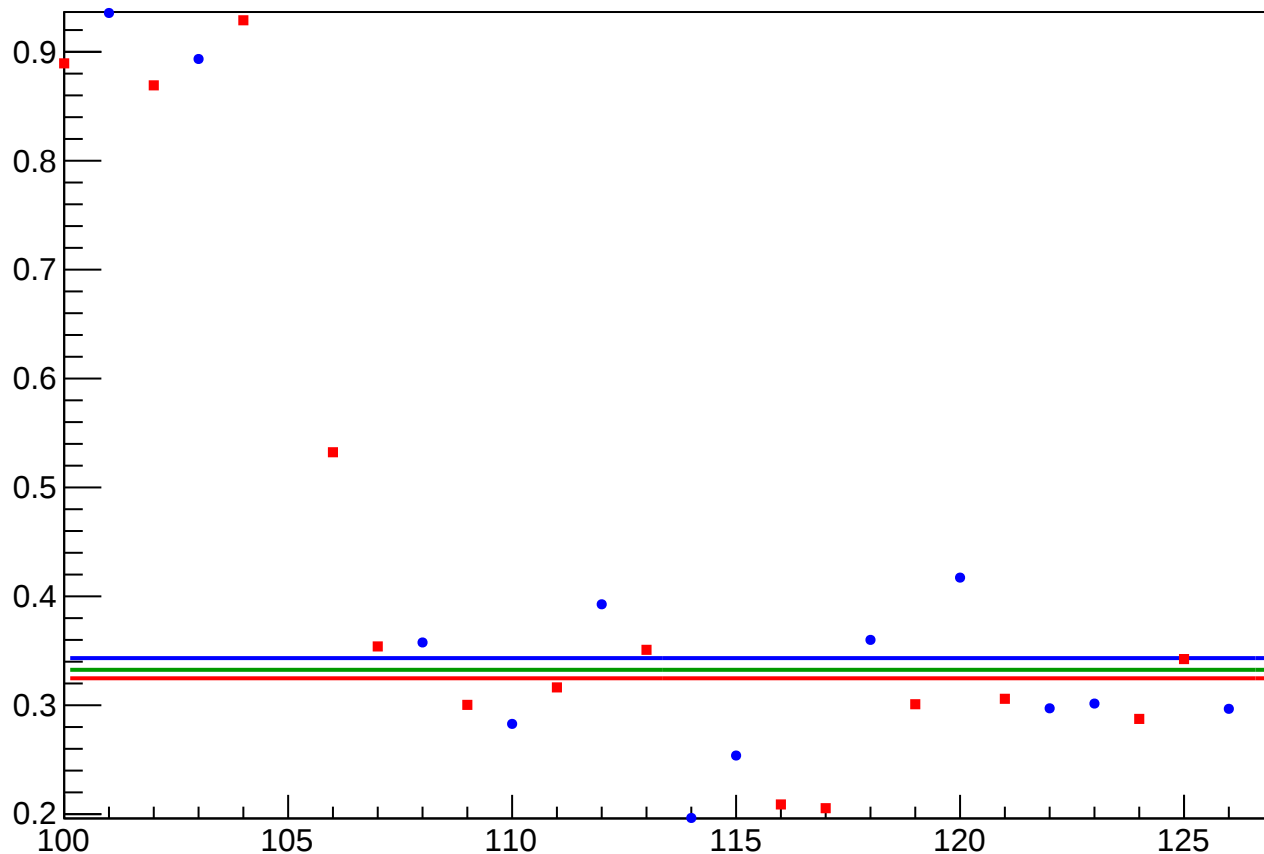
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.973+/-0.000 χ^2/NDF : 2017632649.2/11

145.368+/-0.000 χ^2/NDF : 6308362937.6/11

144.930+/-0.000 χ^2/NDF : 4272689367.3/14

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.343 $\pm$ 0.000 χ^2/NDF : 1113951.3/11

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

Right Out: 0.325 $\pm$ 0.000 χ^2/NDF : 1143810.7/14

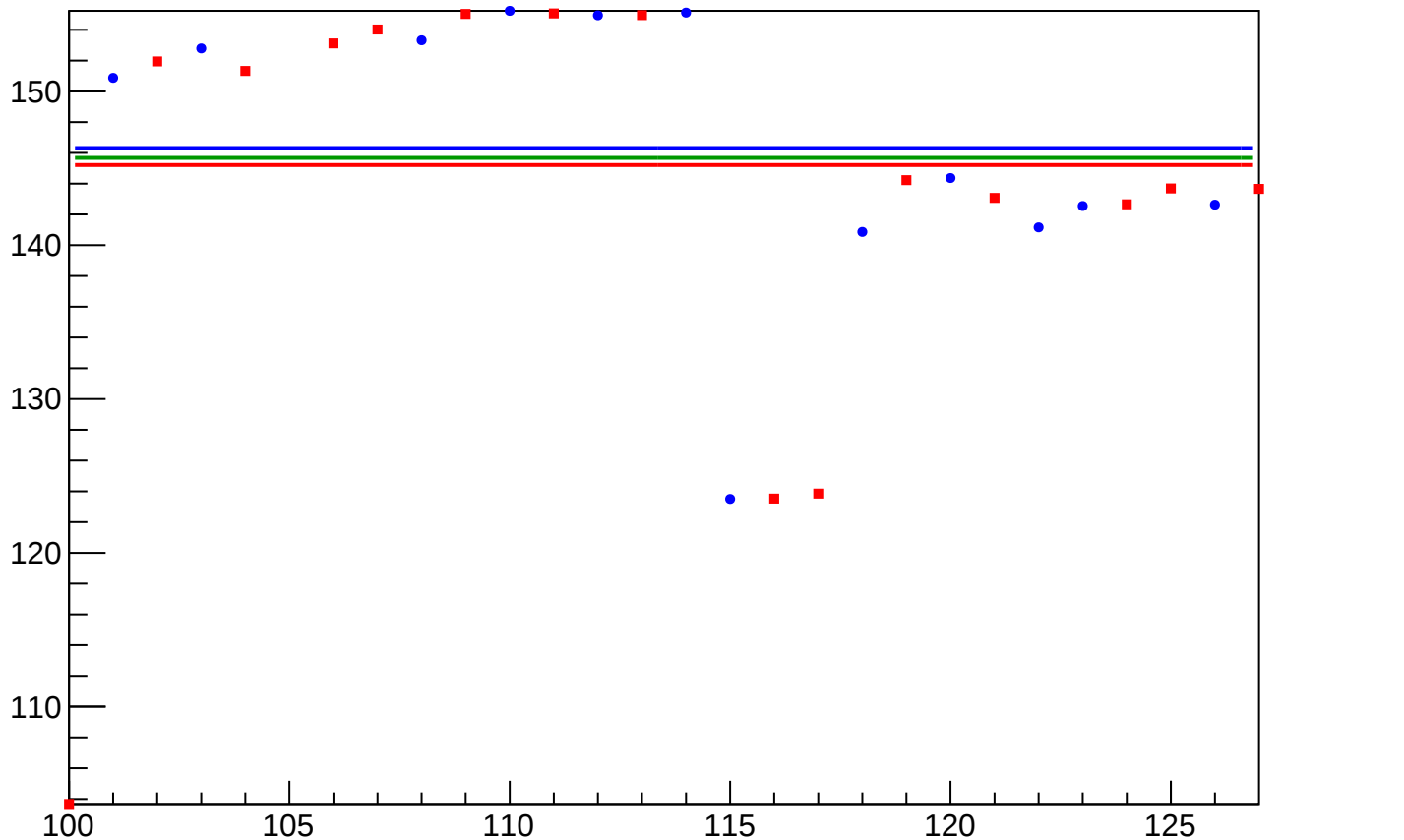
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.343 $\pm$ 0.000 χ^2/NDF : 1113951.3/11

0.333 $\pm$ 0.000 χ^2/NDF : 2269166.6/26

0.325 $\pm$ 0.000 χ^2/NDF : 1143810.7/14

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.317+/-0.000 χ^2/NDF : 2158221027.6/11

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

Right Out: 145.211+/-0.000 χ^2/NDF : 4521868873.6/14

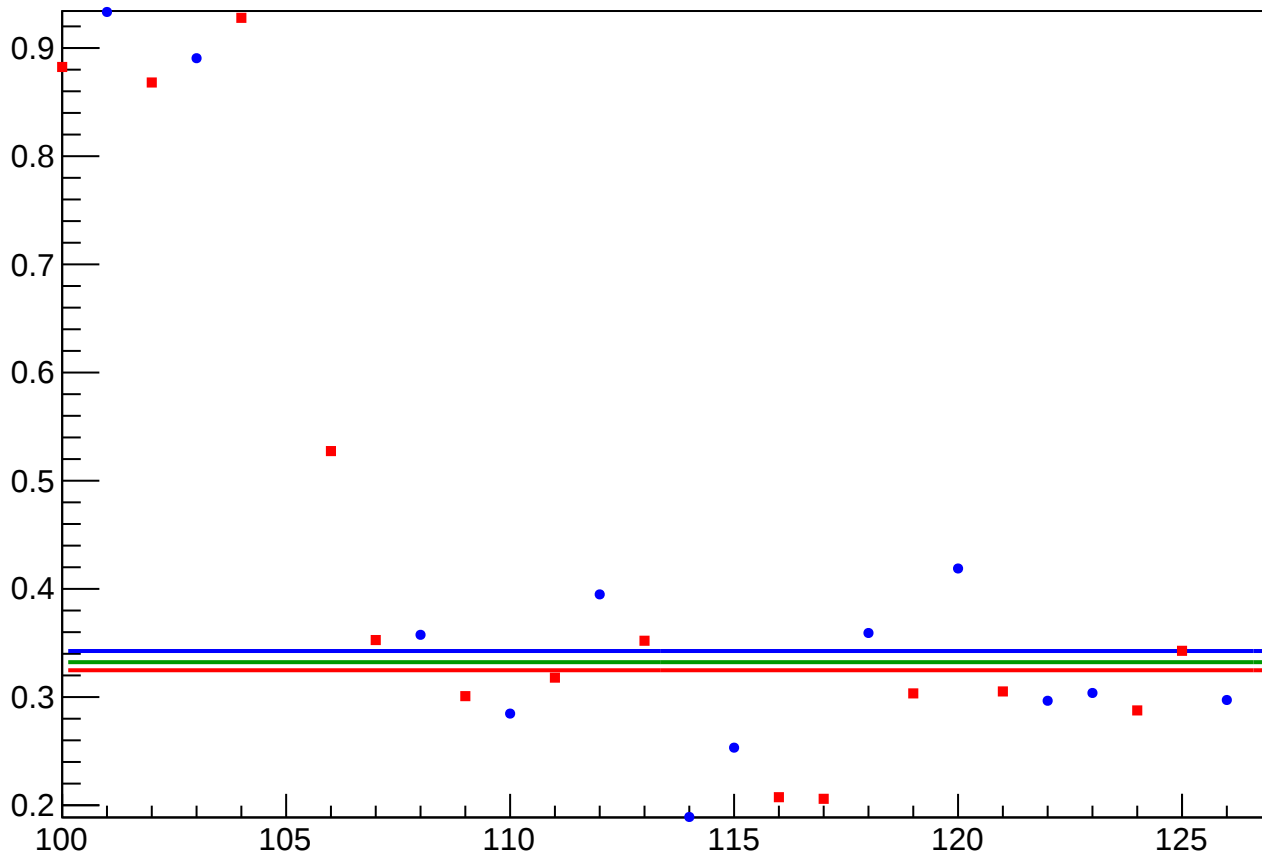
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.317+/-0.000 χ^2/NDF : 2158221027.6/11

145.676+/-0.000 χ^2/NDF : 6700400296.1/14

145.211+/-0.000 χ^2/NDF : 4521868873.6/14

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.343+/-0.000 χ^2/NDF : 1126625.4/11

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1144142.4/14

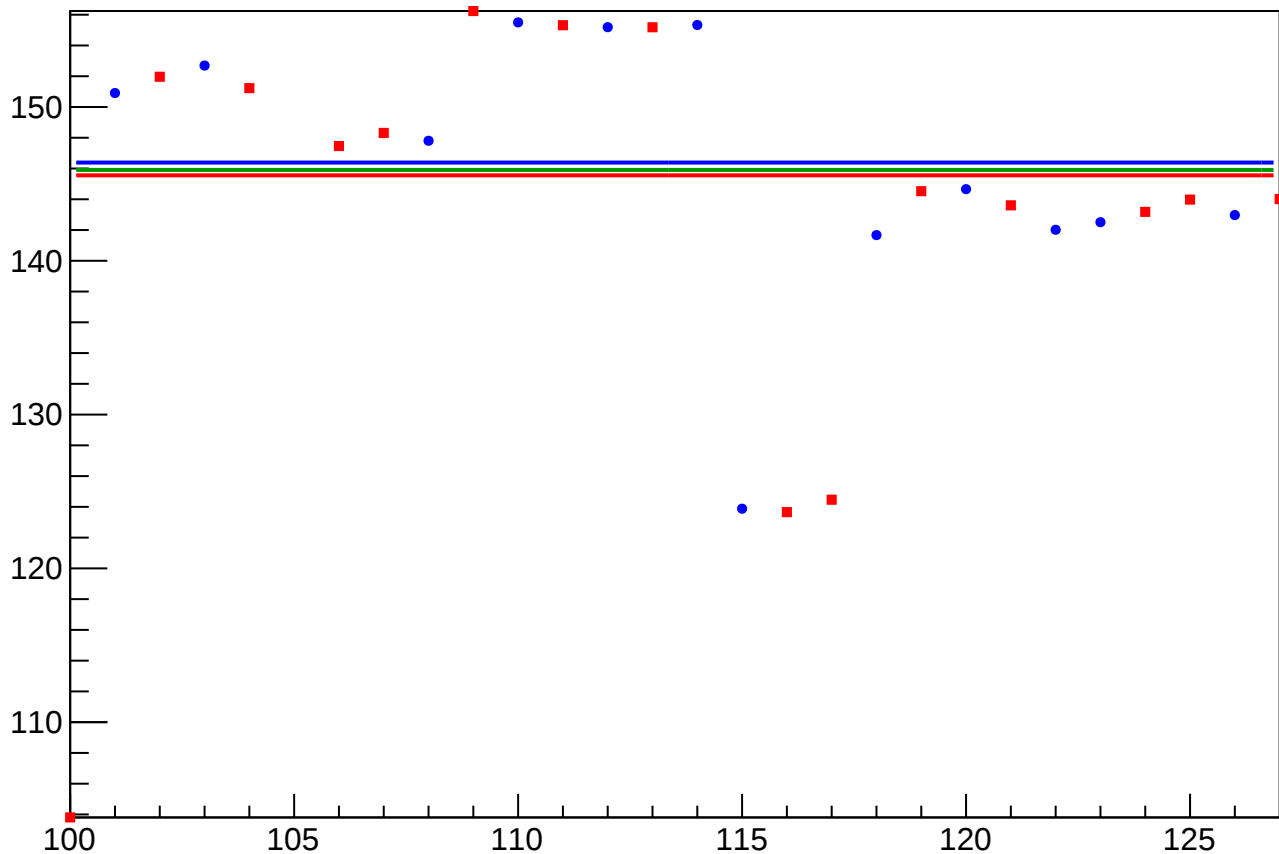
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.343+/-0.000 χ^2/NDF : 1126625.4/11

0.332+/-0.000 χ^2/NDF : 2281279.9/26

0.325+/-0.000 χ^2/NDF : 1144142.4/14

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 146.387+/-0.000 χ^2/NDF : 1793538222.5/11

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

Right Out: 145.556+/-0.000 χ^2/NDF : 3827281544.0/14

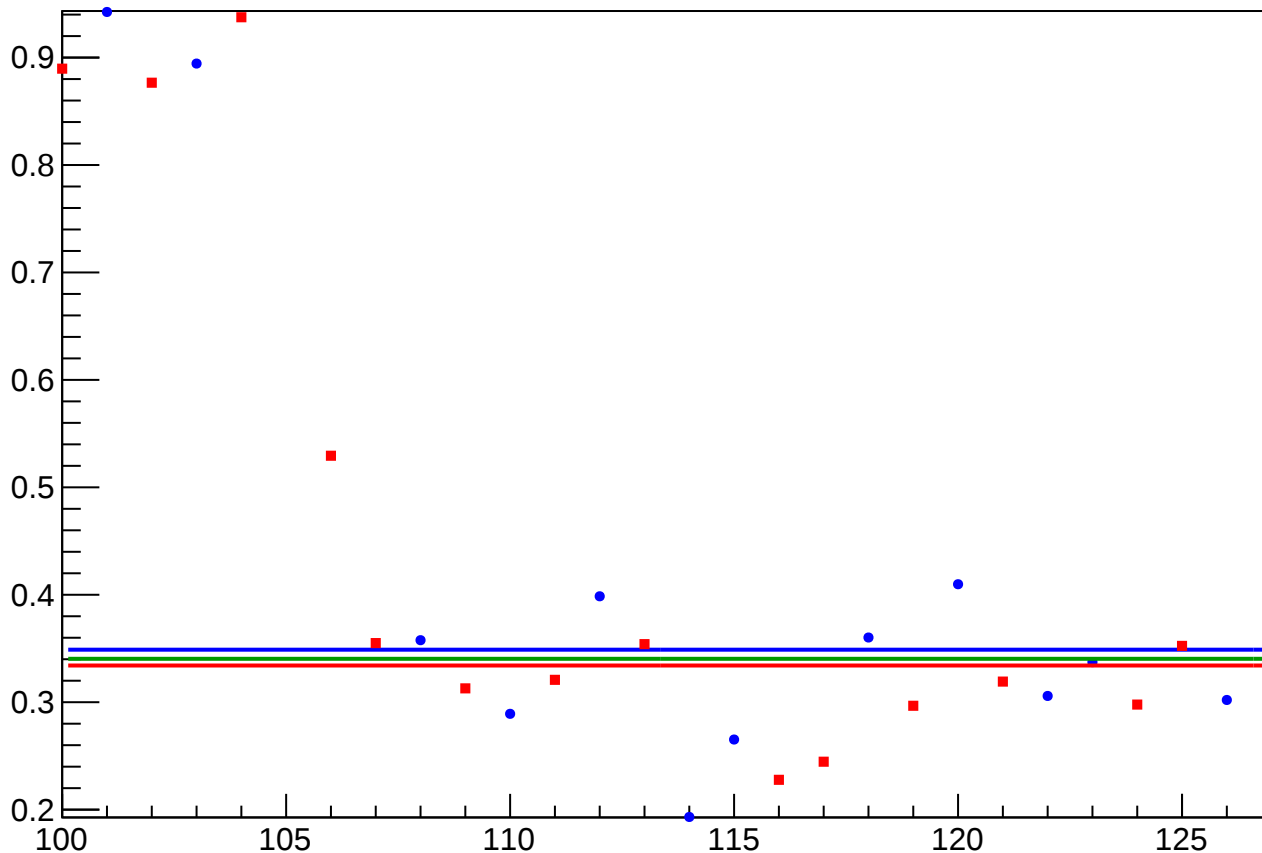
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.387+/-0.000 χ^2/NDF : 1793538222.5/11

145.908+/-0.000 χ^2/NDF : 5631819122.5/11

145.556+/-0.000 χ^2/NDF : 3827281544.0/14

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1093391.9/11

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

Right Out: 0.334+/-0.000 χ^2/NDF : 1069936.8/14

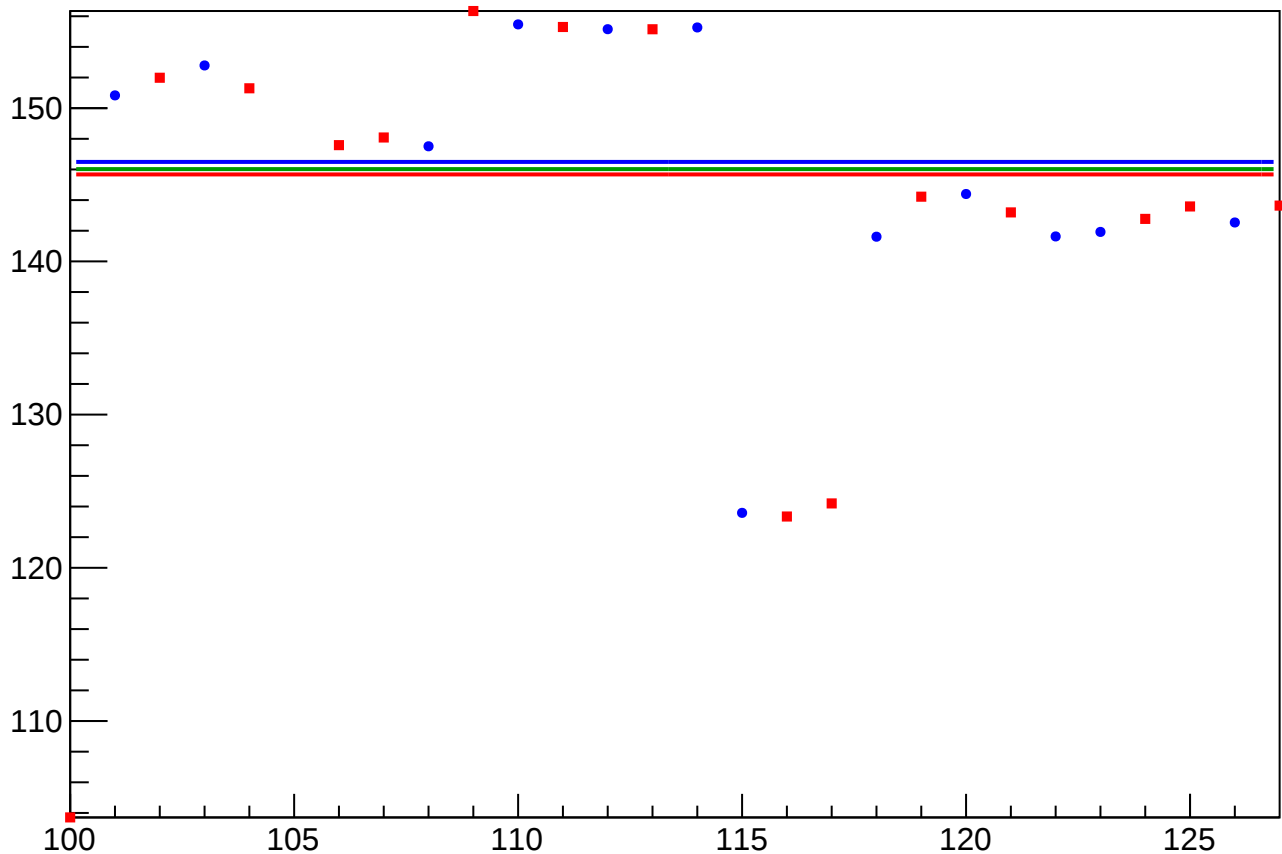
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.349+/-0.000 χ^2/NDF : 1093391.9/11

0.340+/-0.000 χ^2/NDF : 2170237.6/26

0.334+/-0.000 χ^2/NDF : 1069936.8/14

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 146.492+/-0.000 χ^2/NDF : 1836611229.0/11

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

Right Out: 145.676+/-0.000 χ^2/NDF : 3848129095.9/14

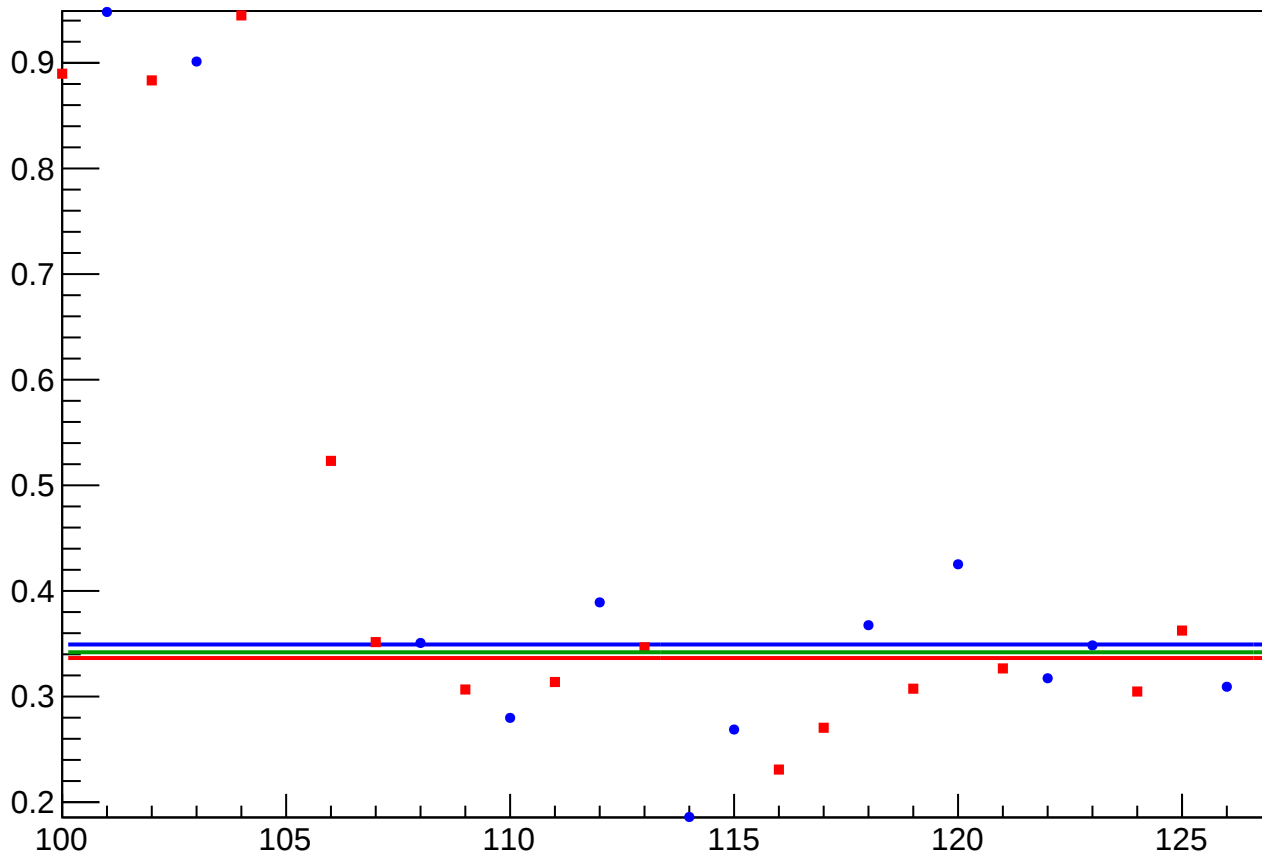
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.492+/-0.000 χ^2/NDF : 1836611229.0/11

146.023+/-0.000 χ^2/NDF : 5695265570.7/11

145.676+/-0.000 χ^2/NDF : 3848129095.9/14

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1117291.0/11

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

Right Out: 0.336+/-0.000 χ^2/NDF : 1052854.1/14

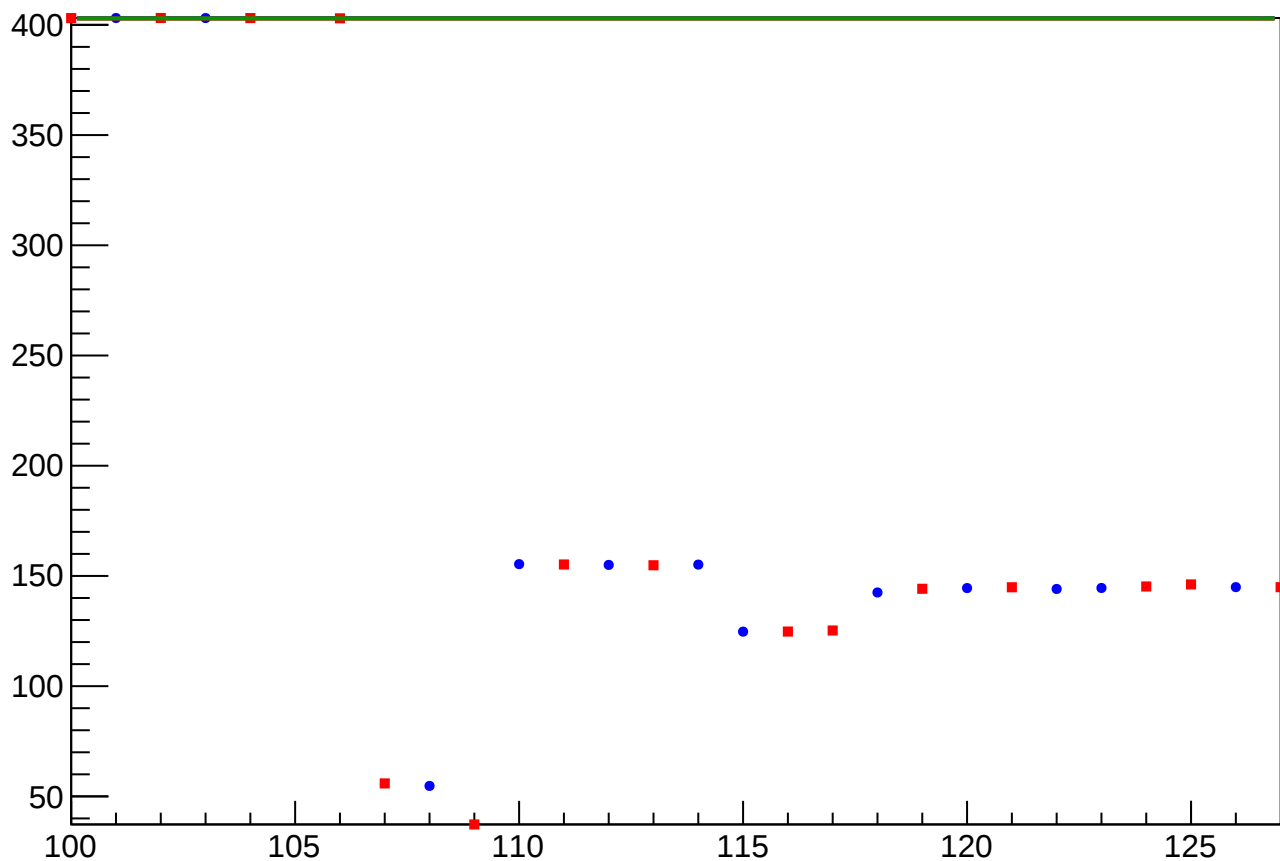
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.349+/-0.000 χ^2/NDF : 1117291.0/11

0.342+/-0.000 χ^2/NDF : 2175347.7/26

0.336+/-0.000 χ^2/NDF : 1052854.1/14

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.032+/-0.000 χ^2/NDF : 497704648796.6/11

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

Right Out: 402.850+/-0.000 χ^2/NDF : 2637930536809.4/14

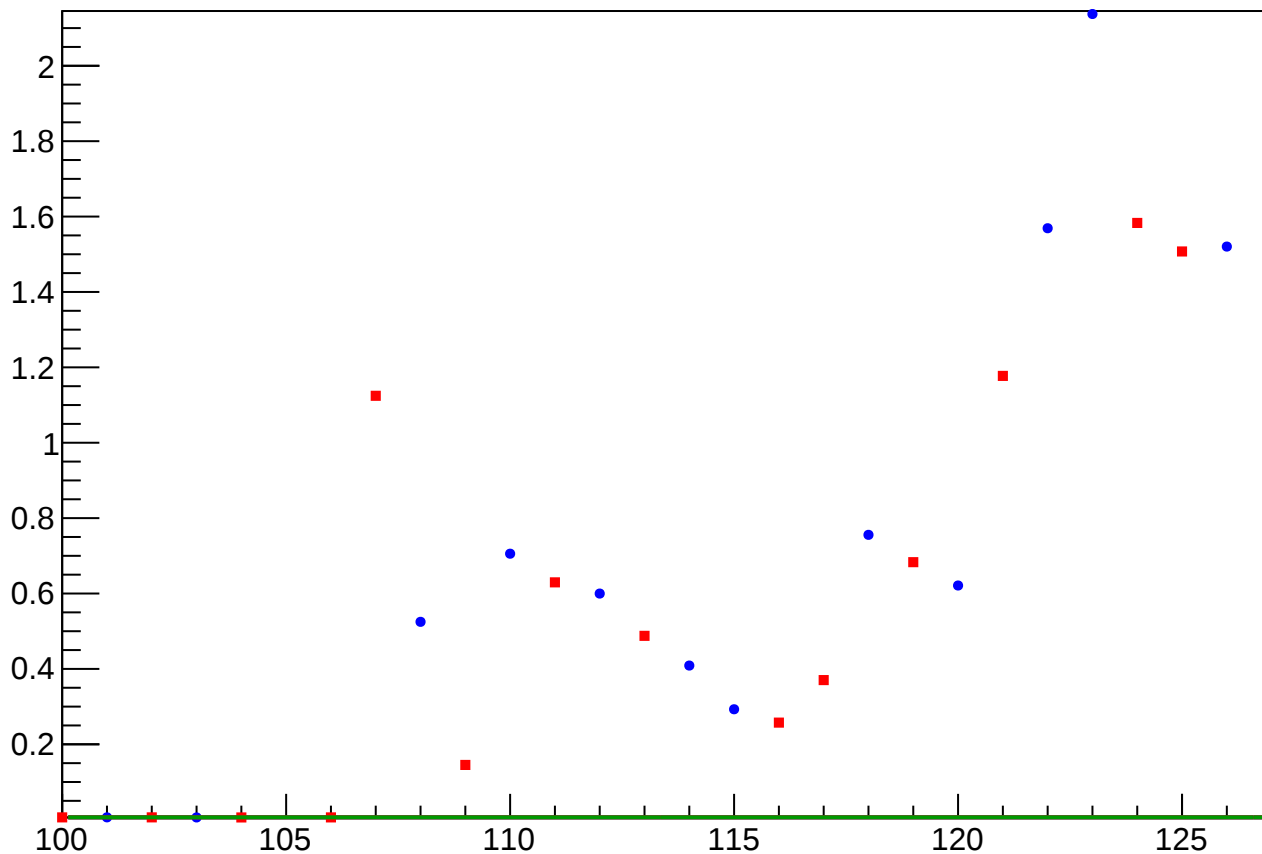
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.032+/-0.000 χ^2/NDF : 497704648796.6/11

402.935+/-0.000 χ^2/NDF : 313618430447

402.850+/-0.000 χ^2/NDF : 2637930536809.4/14

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 5114789.0/11

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

Right Out: 0.006+/-0.000 χ^2/NDF : 6100912.0/14

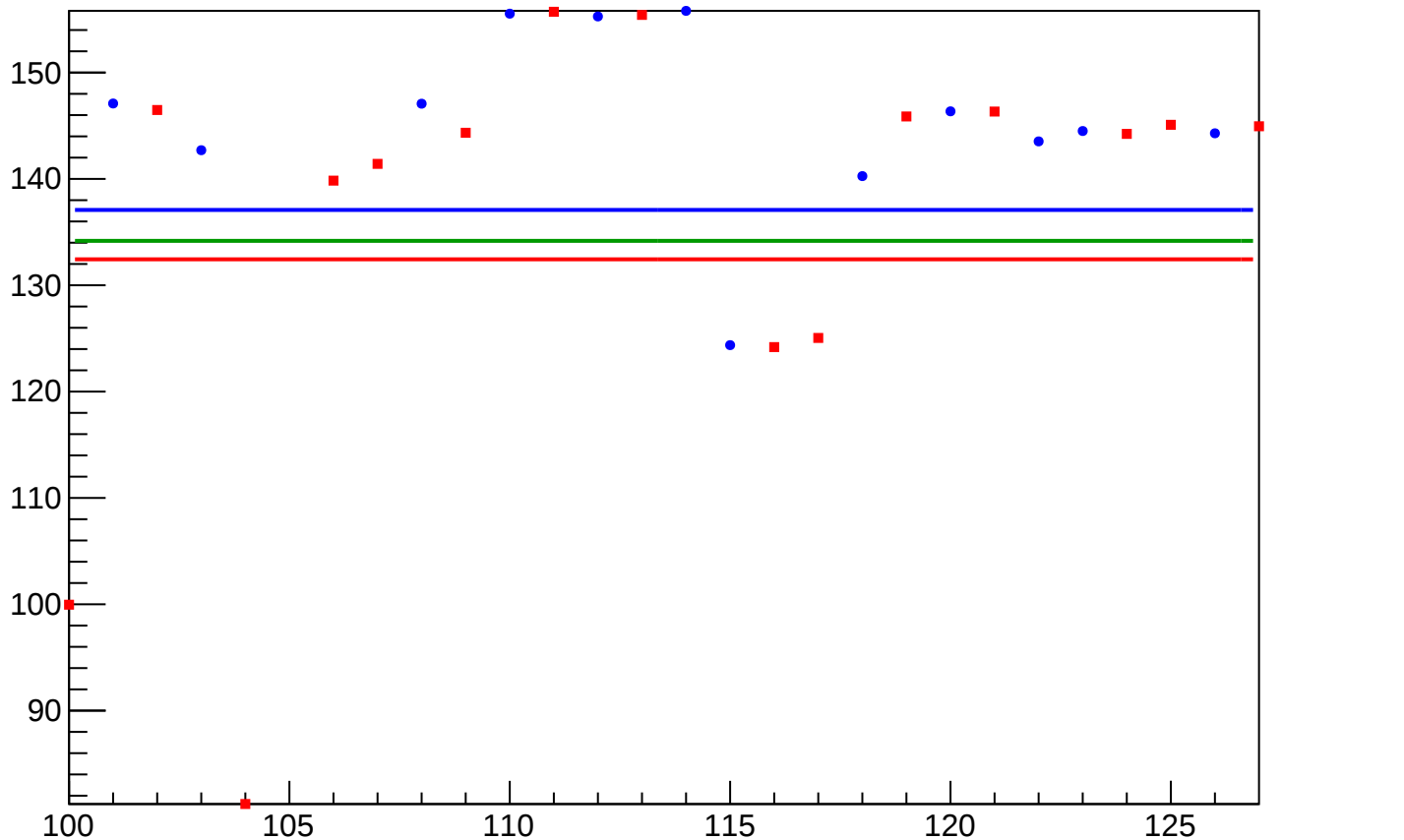
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 5114789.0/11

0.006+/-0.000 χ^2/NDF : 11215733.3/26

0.006+/-0.000 χ^2/NDF : 6100912.0/14

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 137.082 $\pm$ 0.001 χ^2 /NDF: 509972452.9/11

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

Right Out: 132.440 $\pm$ 0.000 χ^2 /NDF: 1004513533.0/14

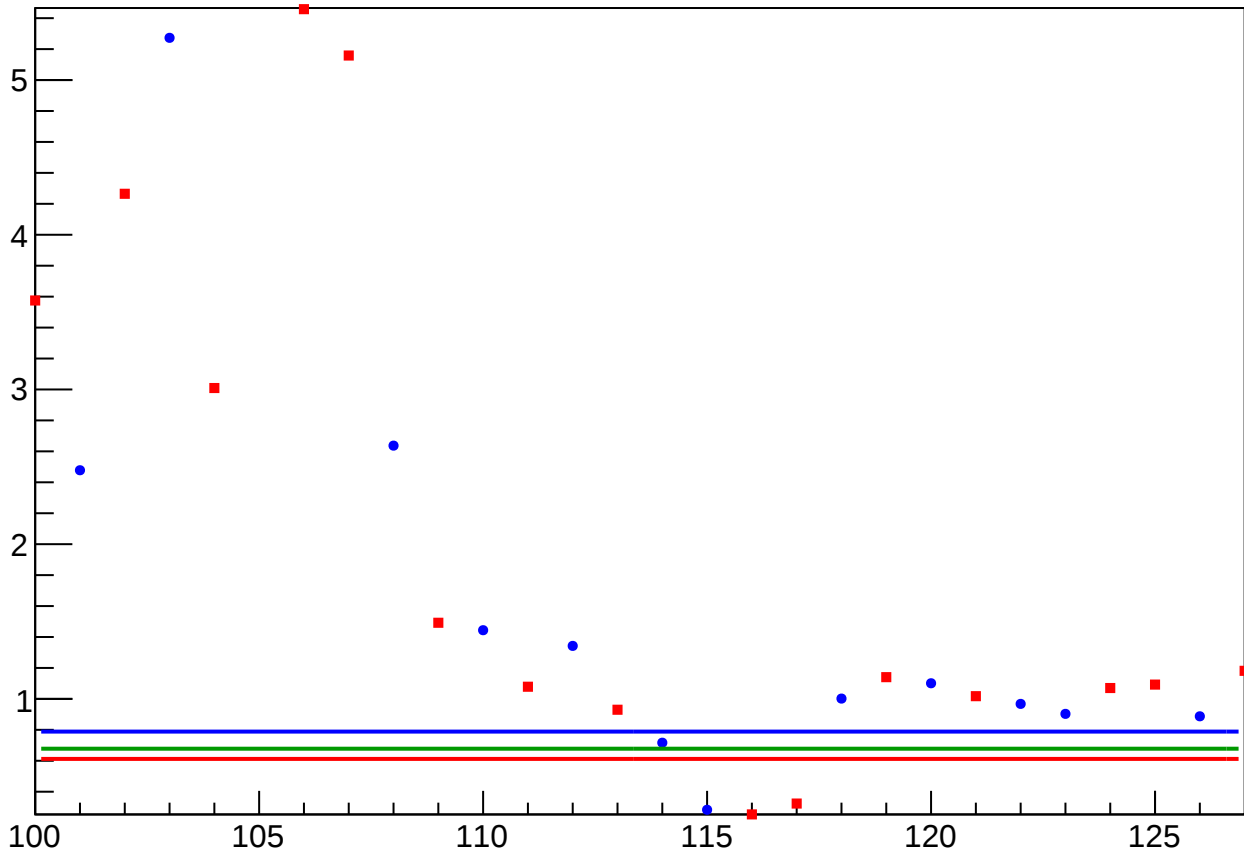
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

137.082 $\pm$ 0.001 χ^2 /NDF: 509972452.9/11

134.175 $\pm$ 0.000 χ^2 /NDF: 1564655488.6/14

132.440 $\pm$ 0.000 χ^2 /NDF: 1004513533.0/14

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.789+/-0.000 χ^2/NDF : 2776098.2/11

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

Right Out: 0.612+/-0.000 χ^2/NDF : 4465333.9/14

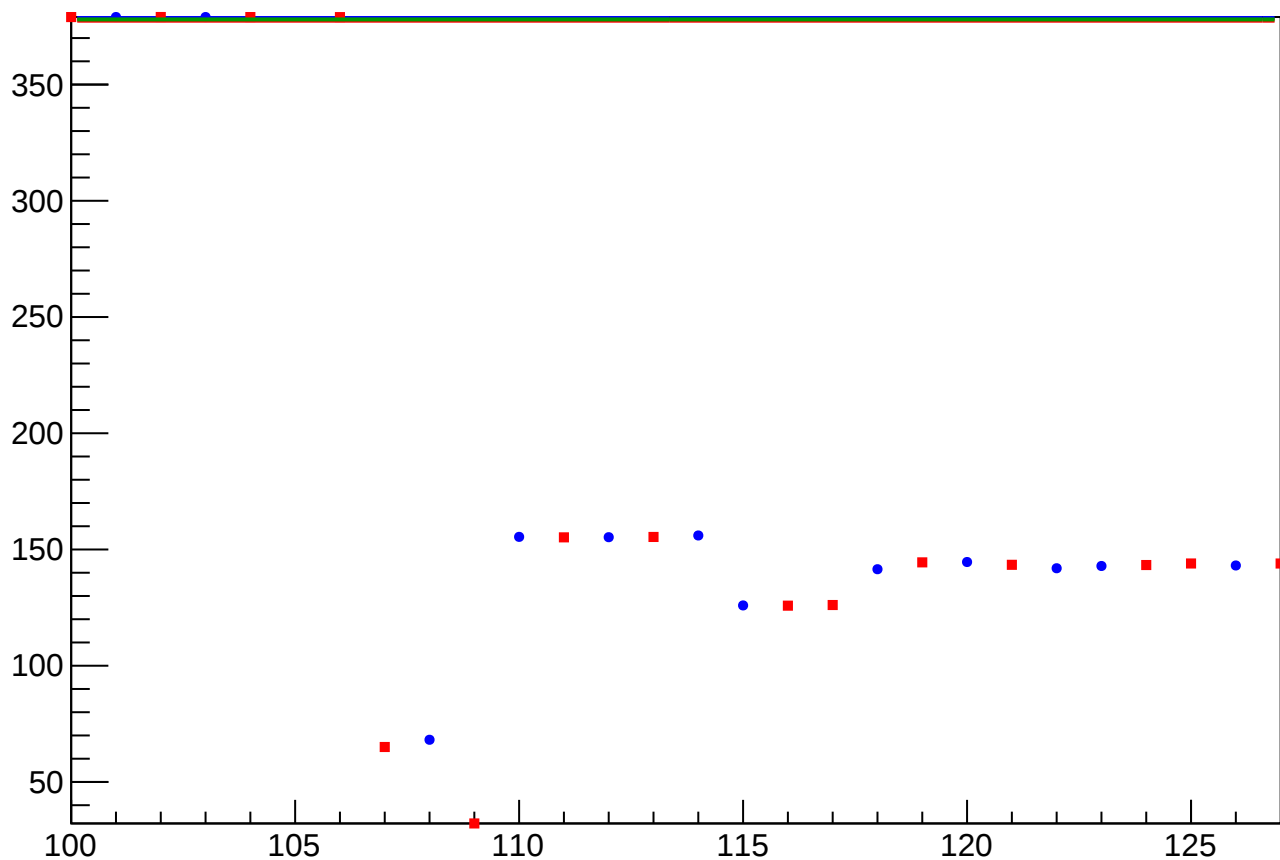
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.789+/-0.000 χ^2/NDF : 2776098.2/11

0.678+/-0.000 χ^2/NDF : 7386728.2/26

0.612+/-0.000 χ^2/NDF : 4465333.9/14

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.632+/-0.000 χ^2/NDF : 1408536311104.3/11

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

Right Out: 377.476+/-0.000 χ^2/NDF : 7616628451733.4/14

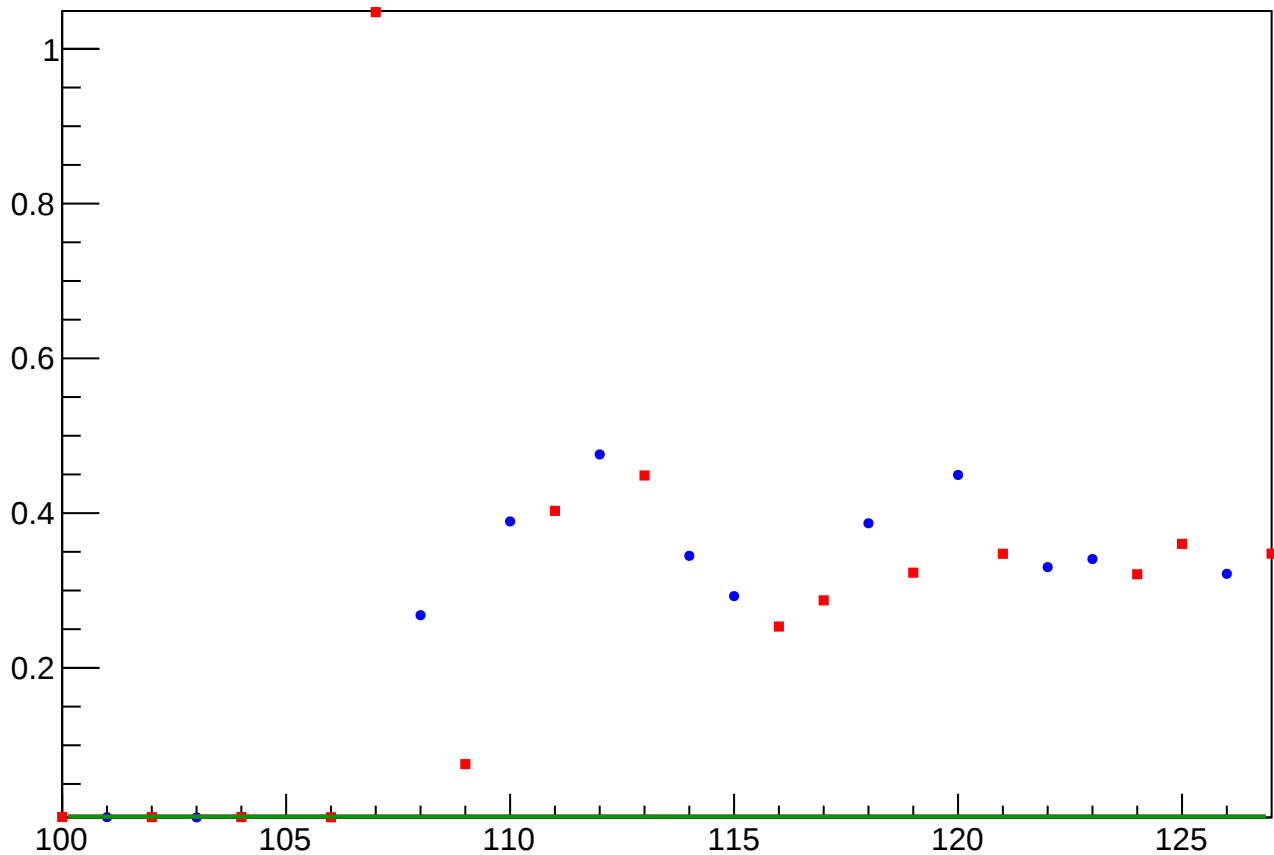
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.632+/-0.000 χ^2/NDF : 1408536311104.3/11

378.016+/-0.000 χ^2/NDF : 903463248735

377.476+/-0.000 χ^2/NDF : 7616628451733.4/14

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 5422249.0/11

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

Right Out: 0.008+/-0.000 χ^2/NDF : 6163846.5/14

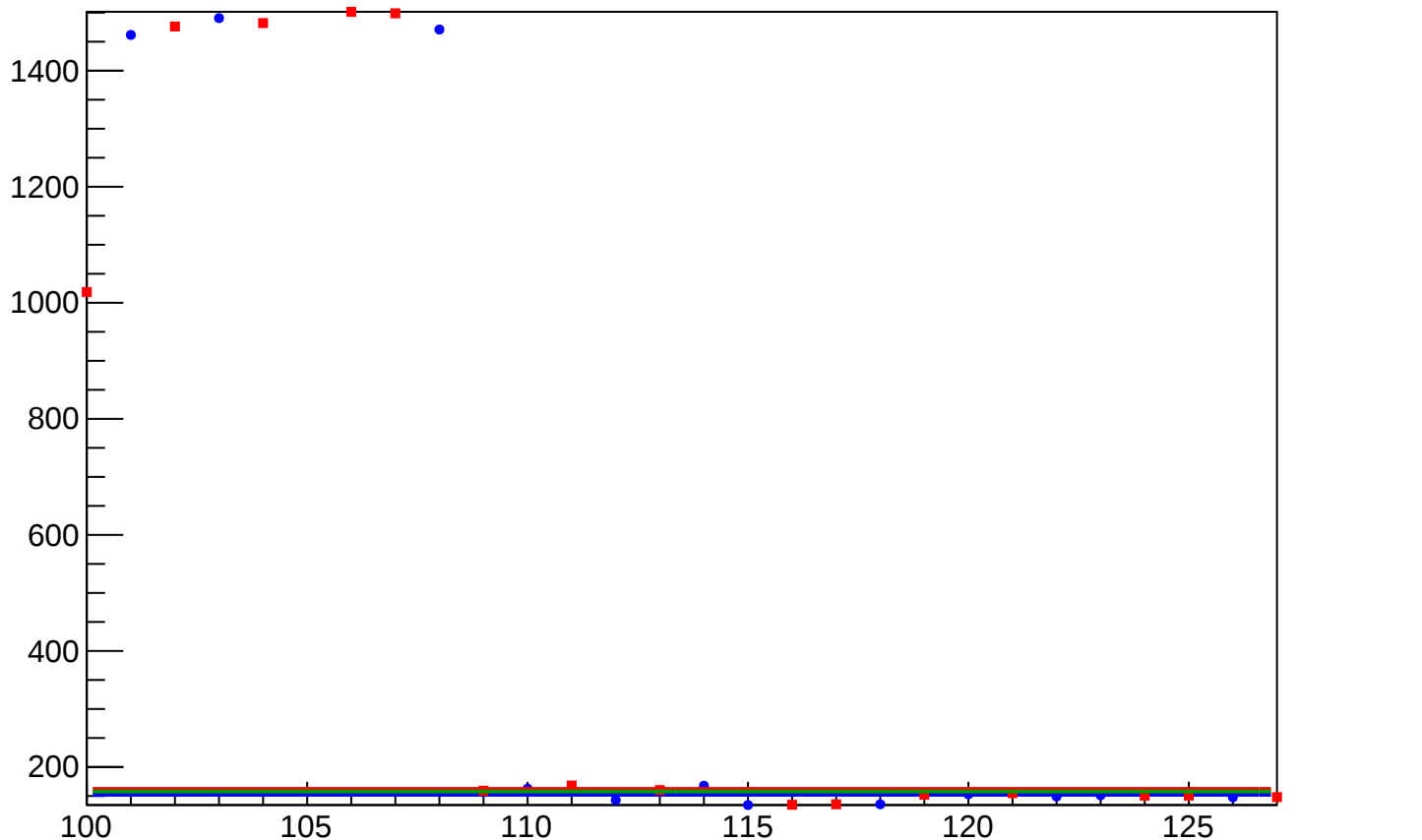
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 5422249.0/11

0.008+/-0.000 χ^2/NDF : 11586775.6/26

0.008+/-0.000 χ^2/NDF : 6163846.5/14

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 152.284+/-0.001 χ^2/NDF : 24067711599.4/11

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

Right Out: 162.159+/-0.001 χ^2/NDF : 32971613773.1/14

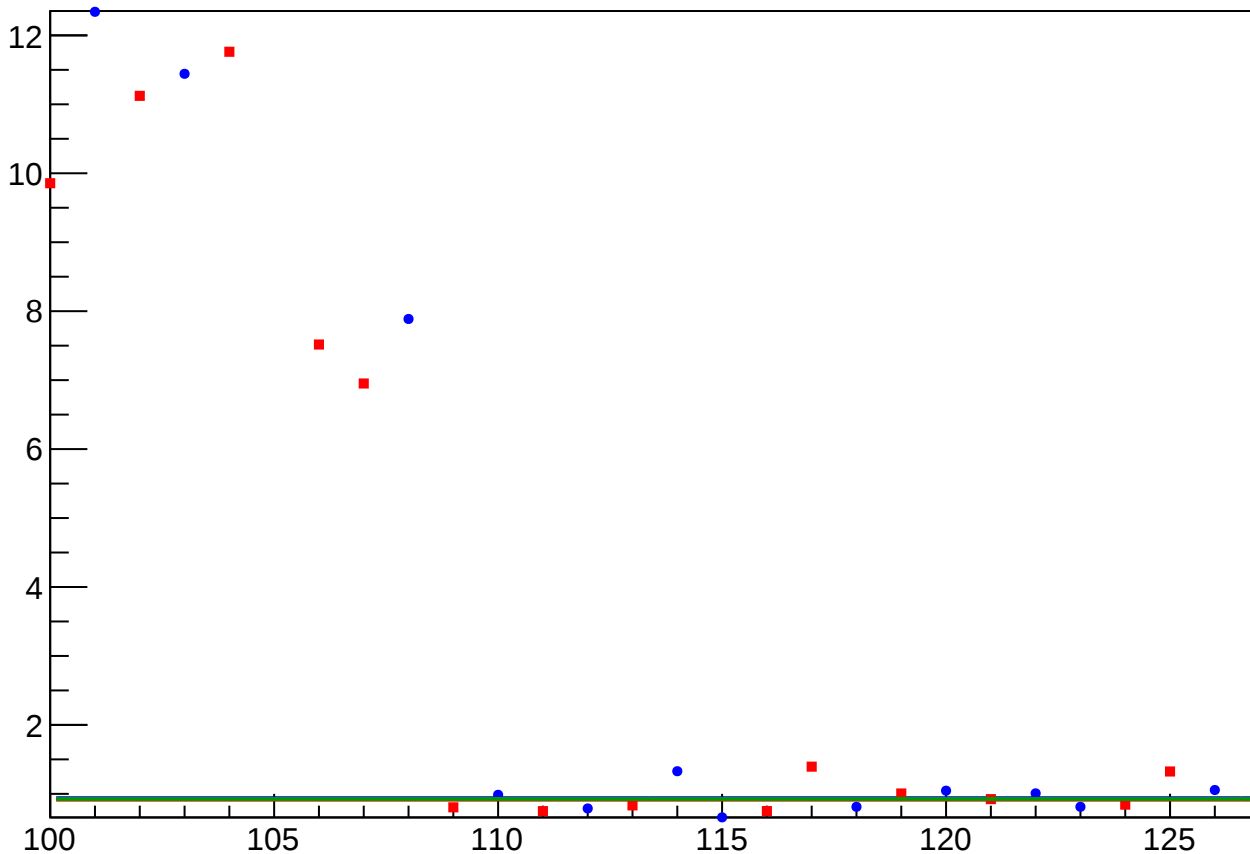
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.284+/-0.001 χ^2/NDF : 24067711599.4/11

157.824+/-0.000 χ^2/NDF : 57182249190.5

162.159+/-0.001 χ^2/NDF : 32971613773.1/14

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.937+/-0.000 χ^2/NDF : 2550303.1/11

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

Right Out: 0.916+/-0.000 χ^2/NDF : 2744022.2/14

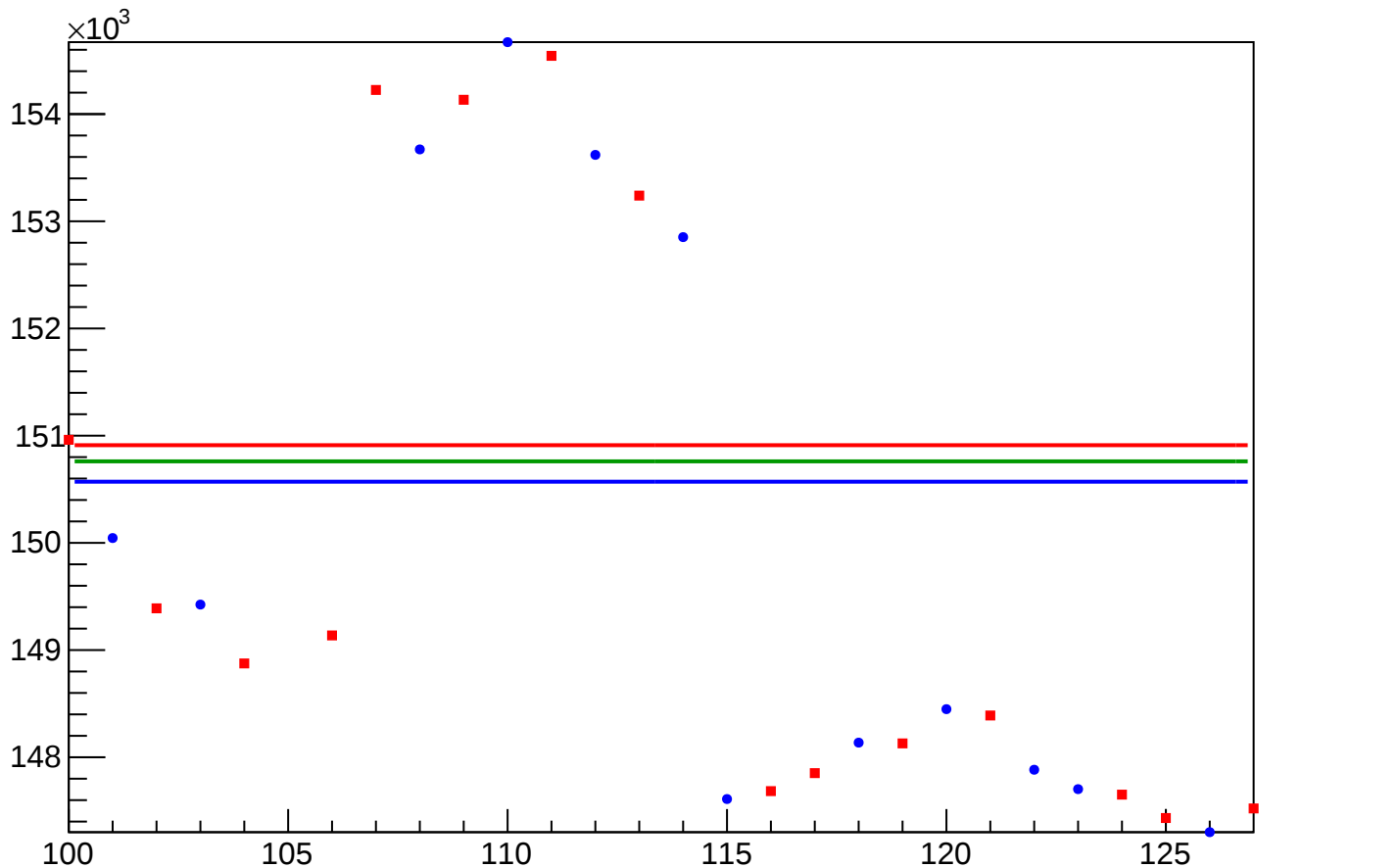
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.937+/-0.000 χ^2/NDF : 2550303.1/11

0.925+/-0.000 χ^2/NDF : 5295520.8/26

0.916+/-0.000 χ^2/NDF : 2744022.2/14

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150570.666 $\pm$ 0.076 χ^2 /NDF: 1491337668.3/11

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

Right Out: 150911.274 $\pm$ 0.068 χ^2 /NDF: 2009420848.7/14

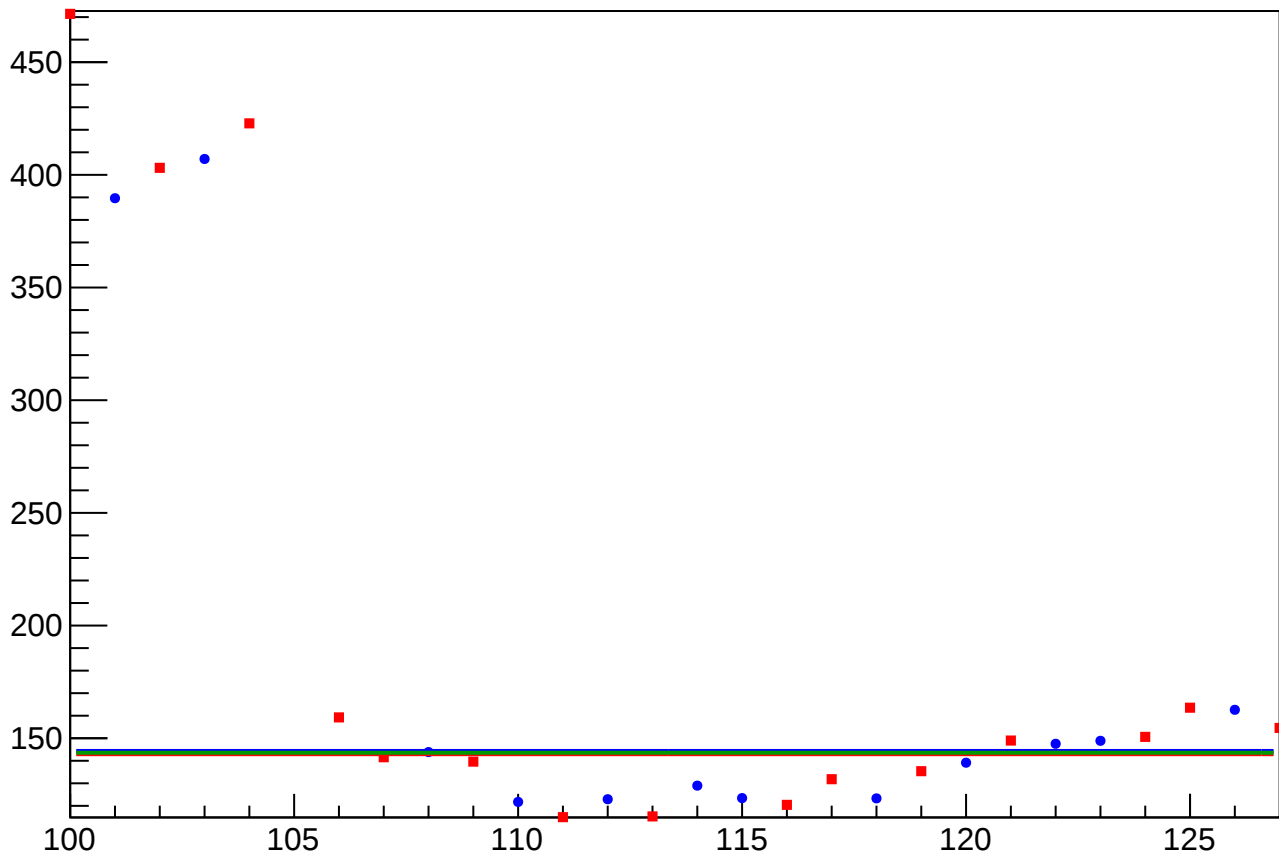
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150570.666 $\pm$ 0.076 χ^2 /NDF: 1491337668.3/11

150760.425 $\pm$ 0.050 χ^2 /NDF: 351202837

150911.274 $\pm$ 0.068 χ^2 /NDF: 2009420848.7/14

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 144.357+/-0.054 χ^2/NDF : 1035173.0/11

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

Right Out: 142.929+/-0.048 χ^2/NDF : 1094232.7/14

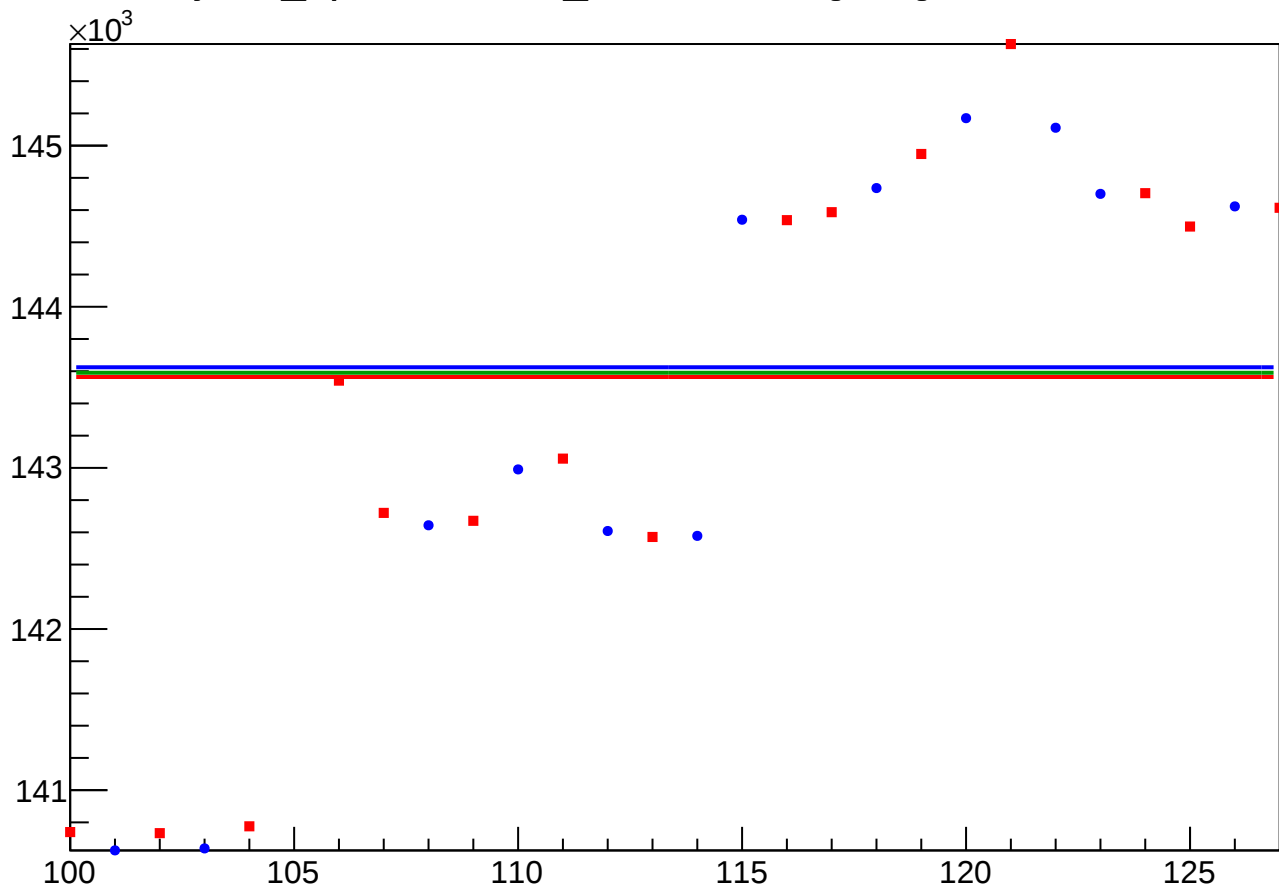
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.357+/-0.054 χ^2/NDF : 1035173.0/11

143.561+/-0.036 χ^2/NDF : 2129801.8/26

142.929+/-0.048 χ^2/NDF : 1094232.7/14

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143624.505 $\pm$ 0.062 χ^2 /NDF: 364150291.9/11

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

Right Out: 143564.060 $\pm$ 0.055 χ^2 /NDF: 406270374.3/14

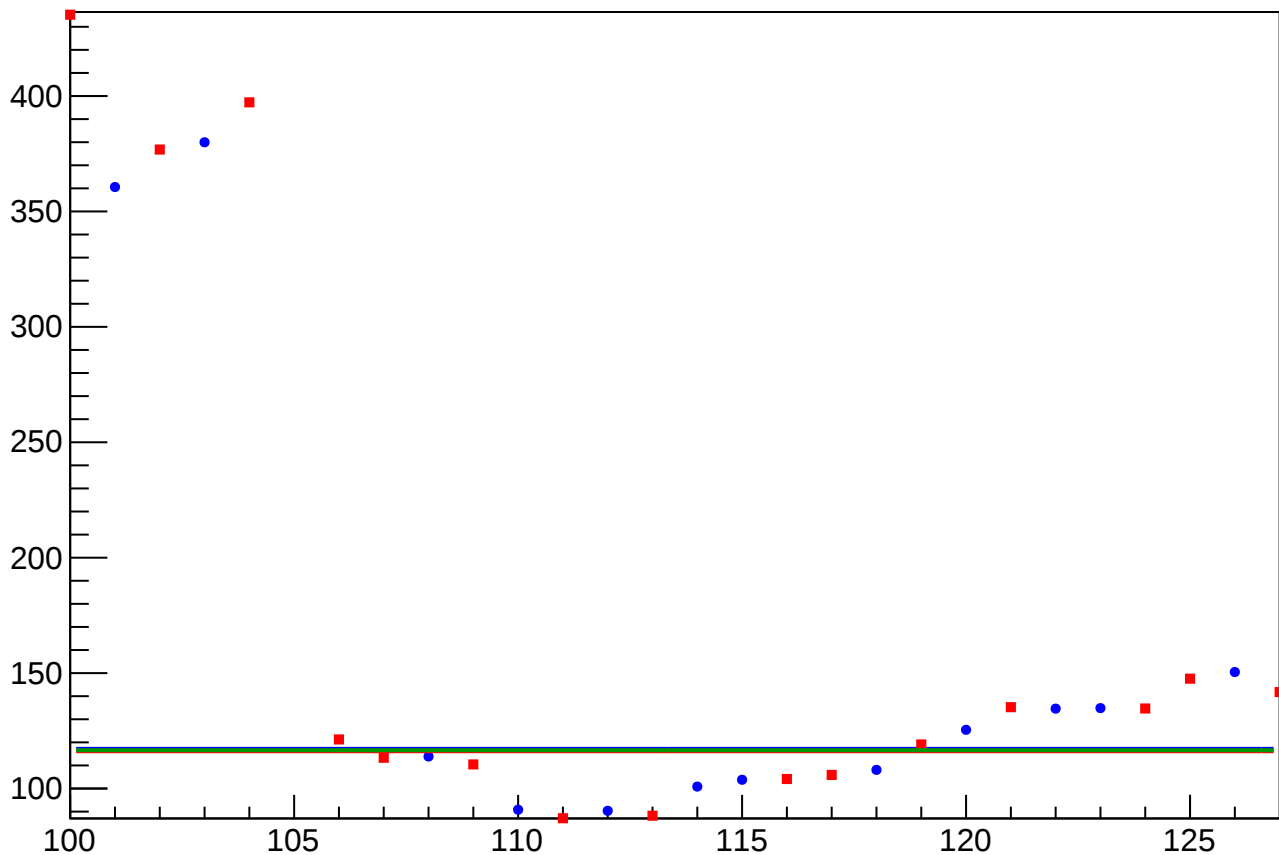
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143624.505 $\pm$ 0.062 χ^2 /NDF: 364150291.9/11

143590.448 $\pm$ 0.041 χ^2 /NDF: 770948010.0

143564.060 $\pm$ 0.055 χ^2 /NDF: 406270374.3/14

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 117.175+/-0.044 χ^2/NDF : 1278437.5/11

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

Right Out: 116.163+/-0.039 χ^2/NDF : 1357976.6/14

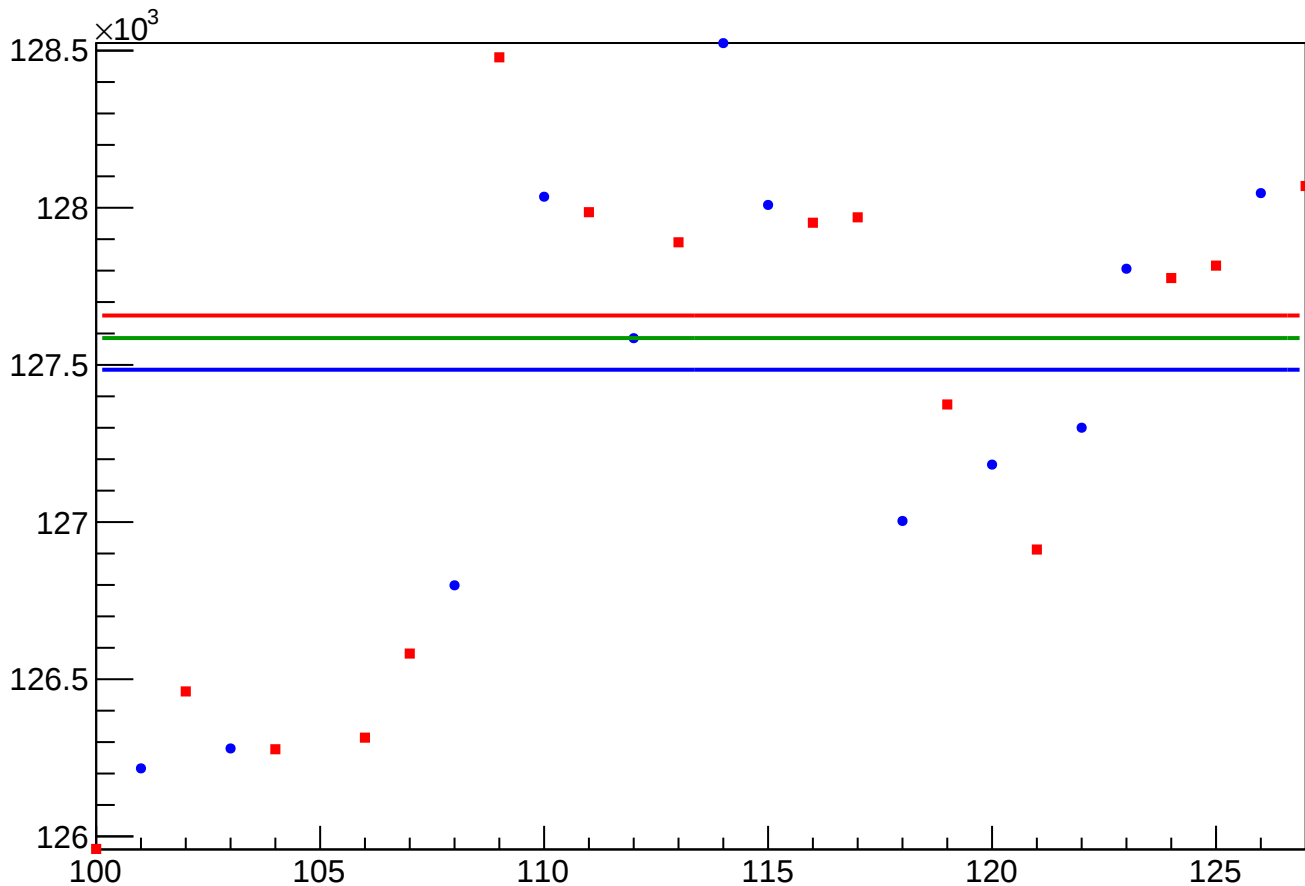
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.175+/-0.044 χ^2/NDF : 1278437.5/11

116.605+/-0.029 χ^2/NDF : 2636709.5/26

116.163+/-0.039 χ^2/NDF : 1357976.6/14

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127484.702 $\pm$ 0.074 χ^2 /NDF: 62577794.4/11

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

127484.702 $\pm$ 0.074 χ^2 /NDF: 62577794.4/11

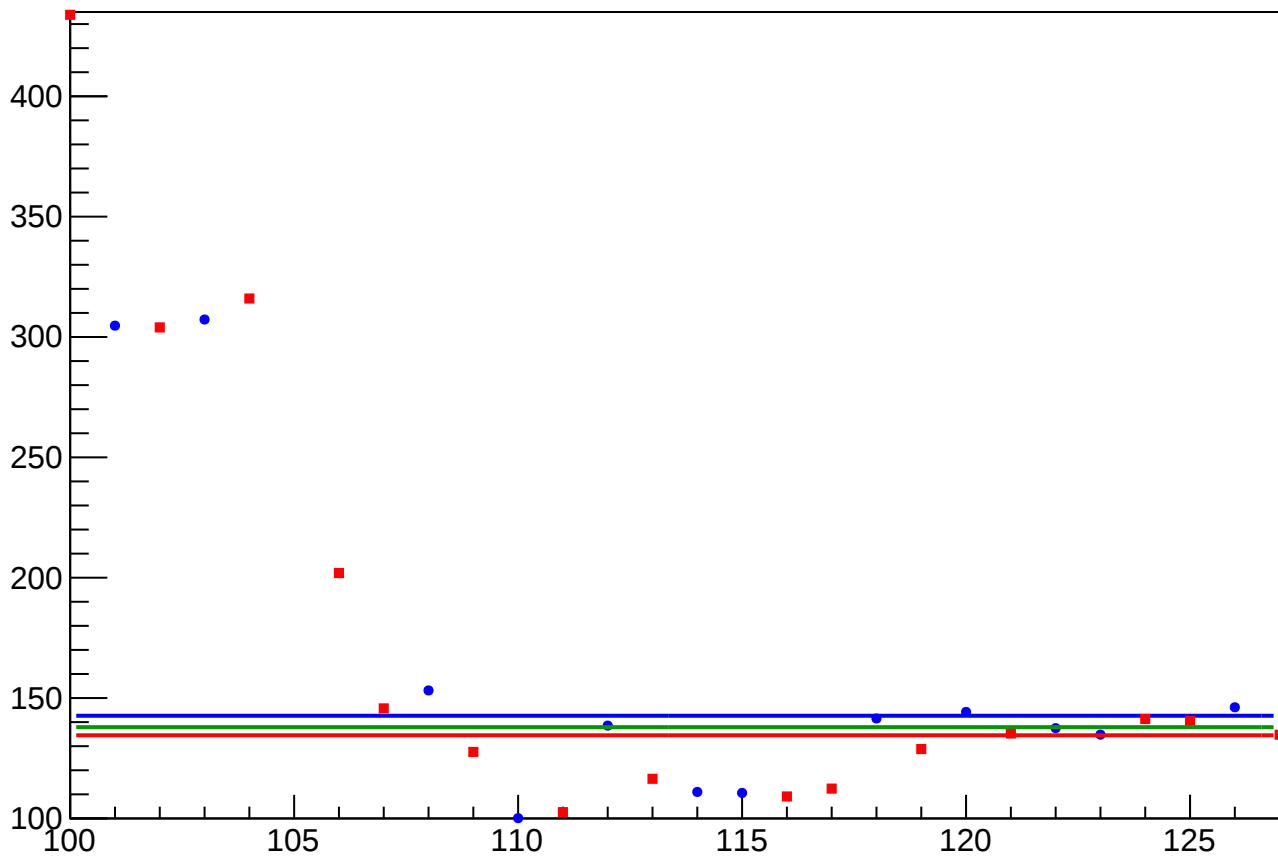
127585.438 $\pm$ 0.048 χ^2 /NDF: 161590859

Right Out: 127657.219 $\pm$ 0.063 χ^2 /NDF: 95853391.4/14

127657.219 $\pm$ 0.063 χ^2 /NDF: 95853391.4/14

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.650+/-0.052 χ^2/NDF : 821918.6/11

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

Right Out: 134.527+/-0.044 χ^2/NDF : 928162.5/14

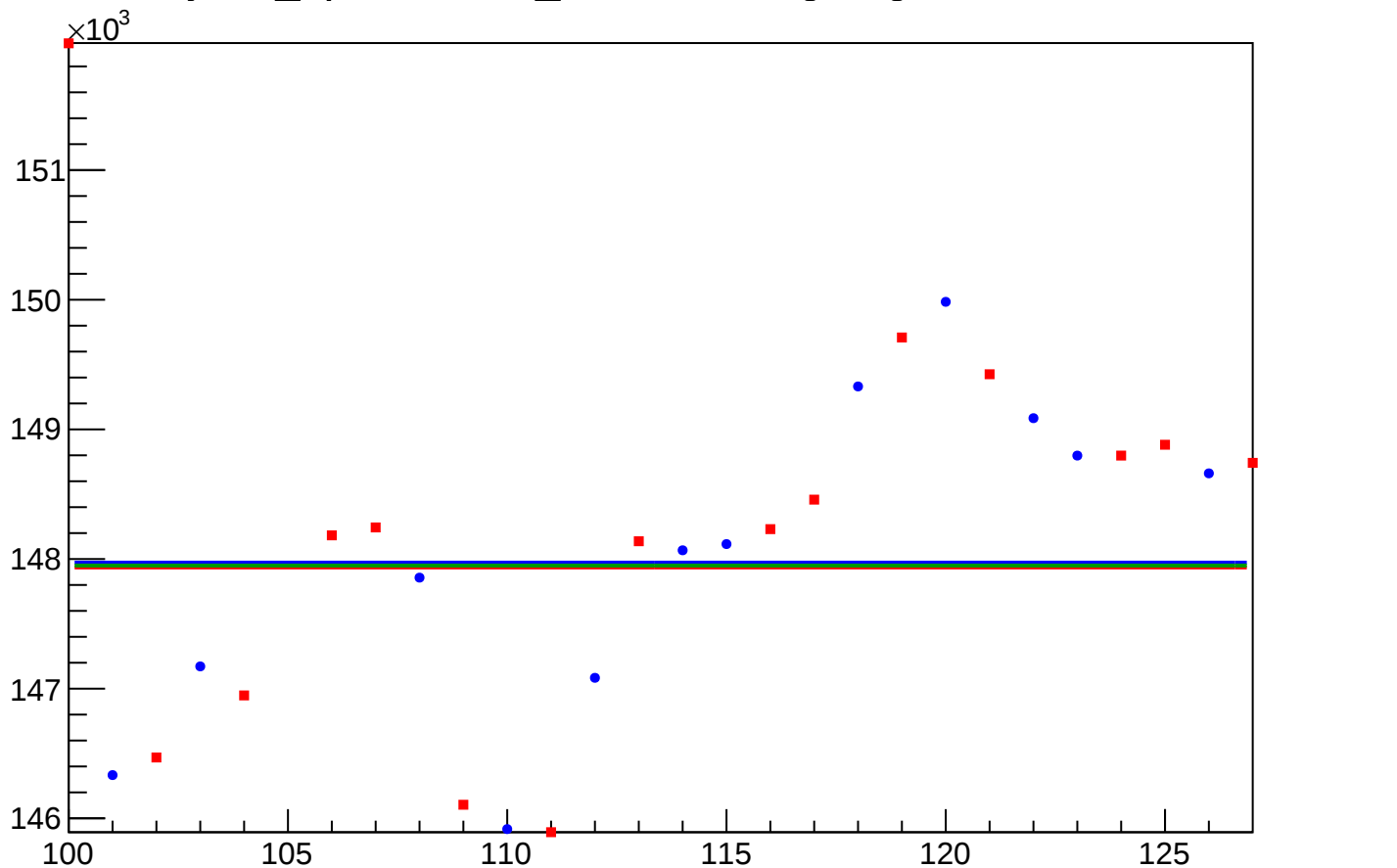
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.650+/-0.052 χ^2/NDF : 821918.6/11

137.907+/-0.034 χ^2/NDF : 1764088.4/26

134.527+/-0.044 χ^2/NDF : 928162.5/14

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147972.220 $\pm$ 0.112 χ^2 /NDF: 102709251.5/11

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

Right Out: 147935.047 $\pm$ 0.091 χ^2 /NDF: 203545297.2/14

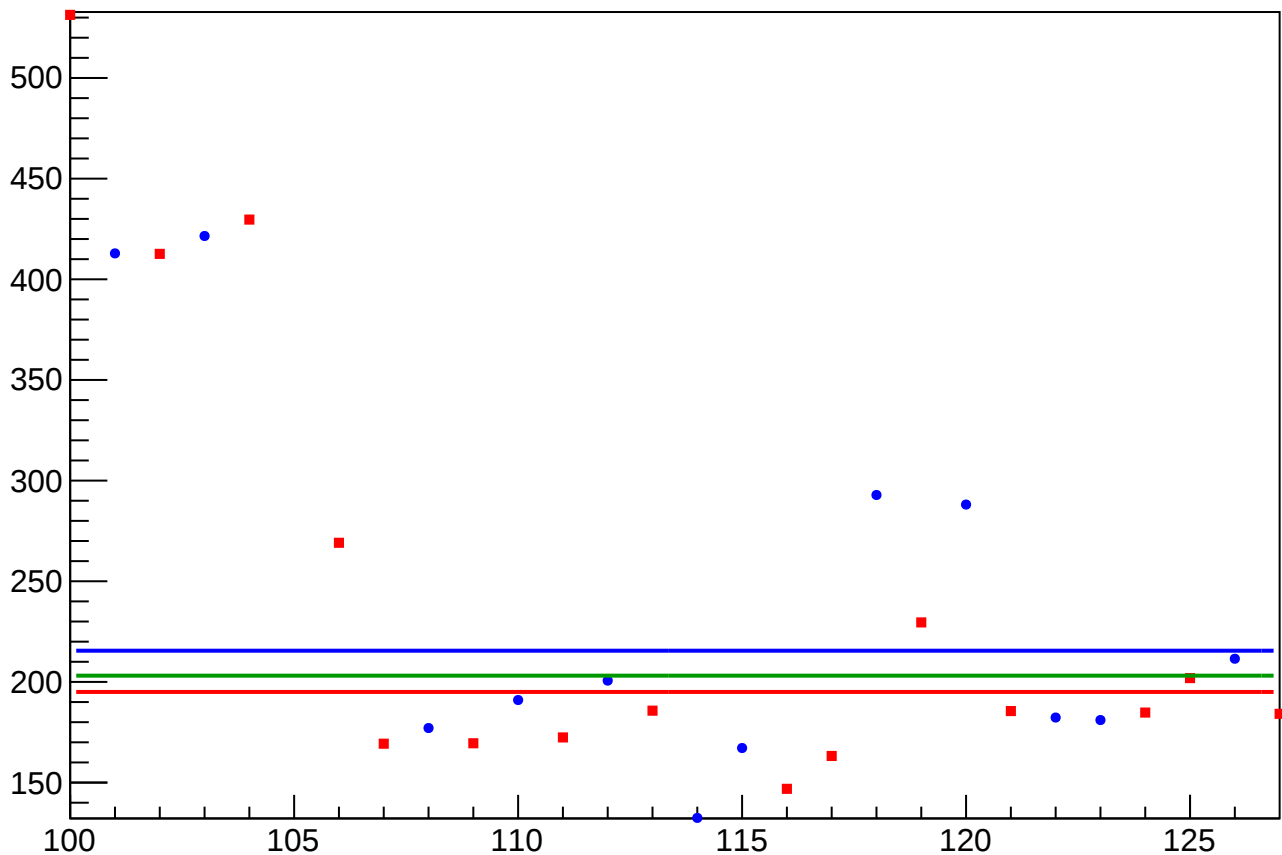
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147972.220 $\pm$ 0.112 χ^2 /NDF: 102709251.5/11

147949.723 $\pm$ 0.071 χ^2 /NDF: 306320689

147935.047 $\pm$ 0.091 χ^2 /NDF: 203545297.2/14

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 215.511+/-0.080 χ^2/NDF : 834852.2/11

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

Right Out: 195.022+/-0.064 χ^2/NDF : 824413.7/14

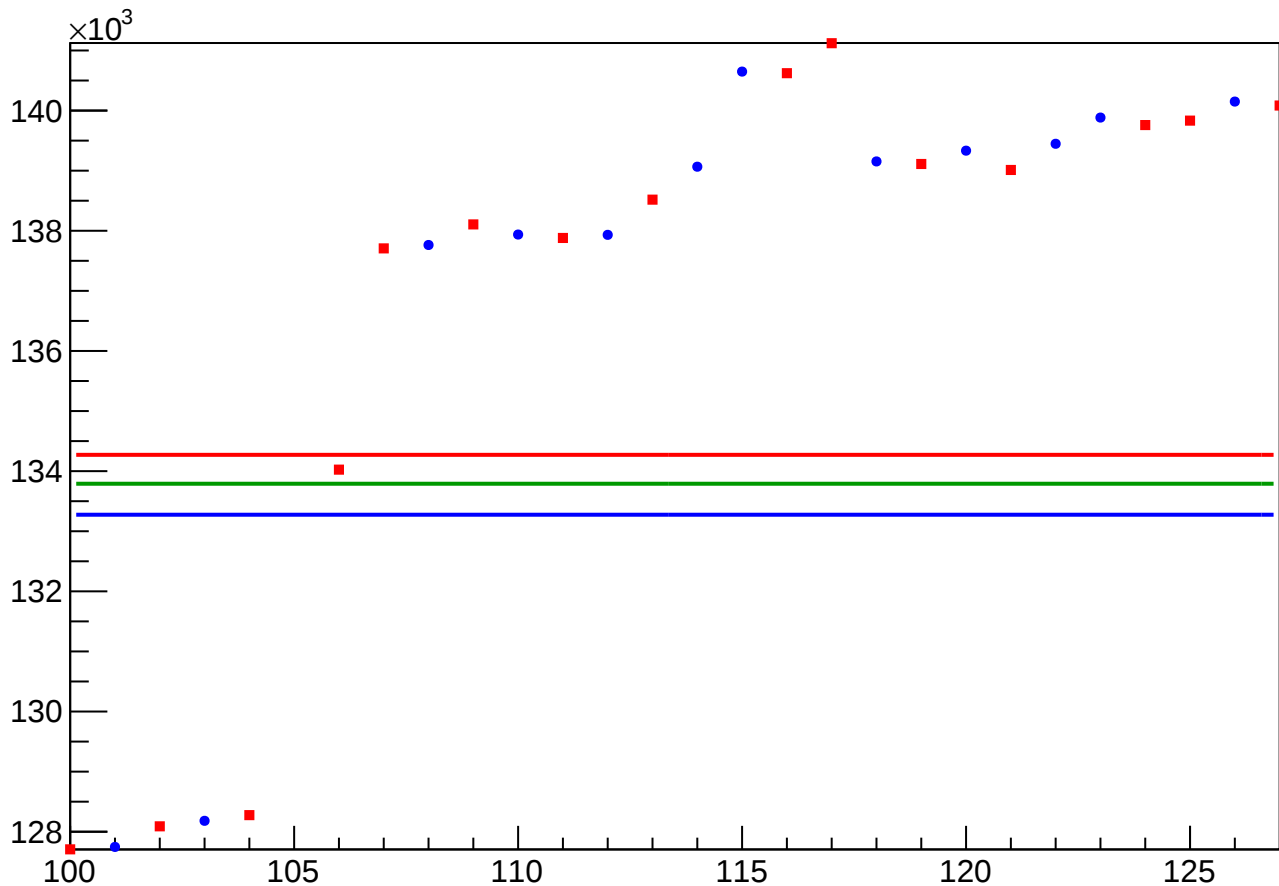
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

215.511+/-0.080 χ^2/NDF : 834852.2/11

203.111+/-0.050 χ^2/NDF : 1699450.1/26

195.022+/-0.064 χ^2/NDF : 824413.7/14

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 133274.913 $\pm$ 0.211 χ^2 /NDF: 683632840.3/11

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

Right Out: 134271.526 $\pm$ 0.204 χ^2 /NDF: 691667029.9/14

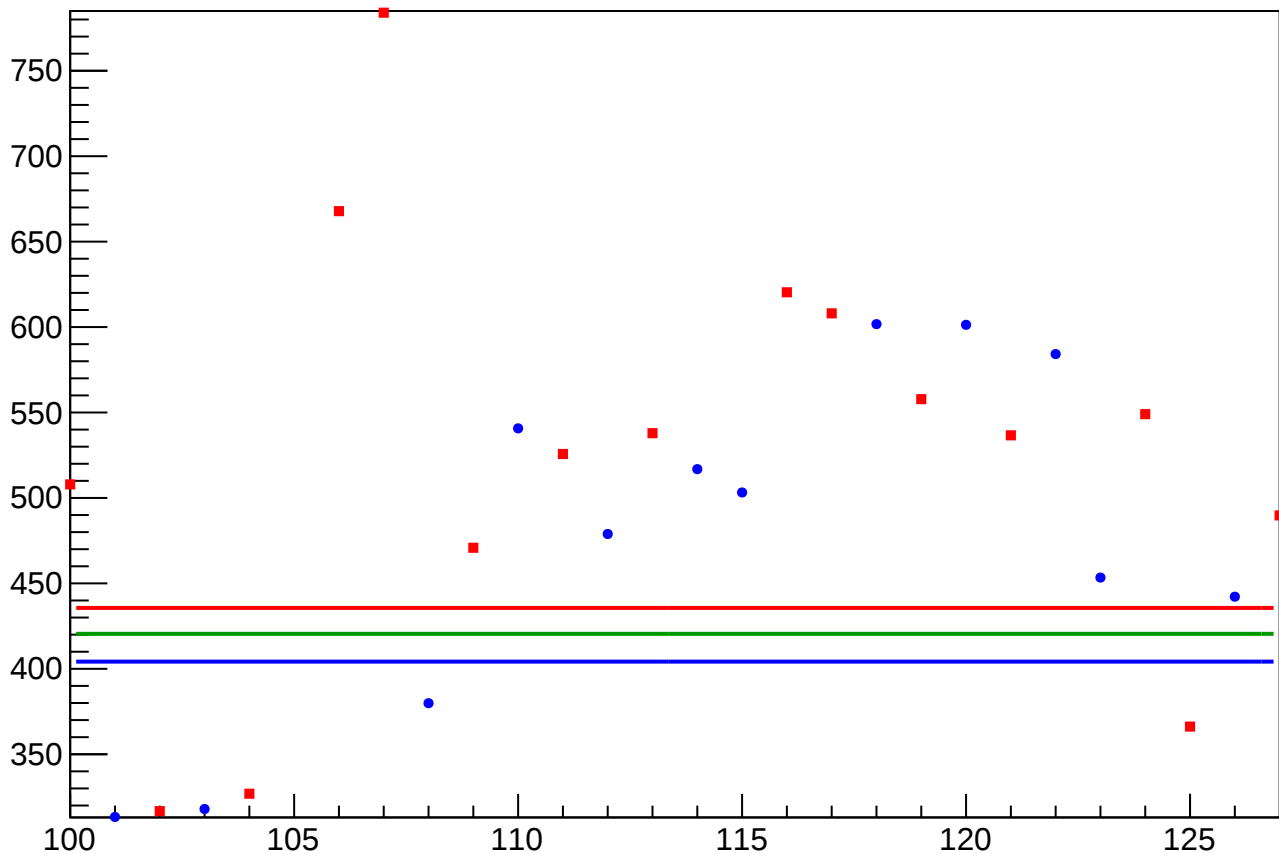
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

133274.913 $\pm$ 0.211 χ^2 /NDF: 683632840.3/11

133790.554 $\pm$ 0.146 χ^2 /NDF: 138687088

134271.526 $\pm$ 0.204 χ^2 /NDF: 691667029.9/14

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 404.211+/-0.149 χ^2/NDF : 504897.6/11

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

Right Out: 435.643+/-0.144 χ^2/NDF : 679474.9/14

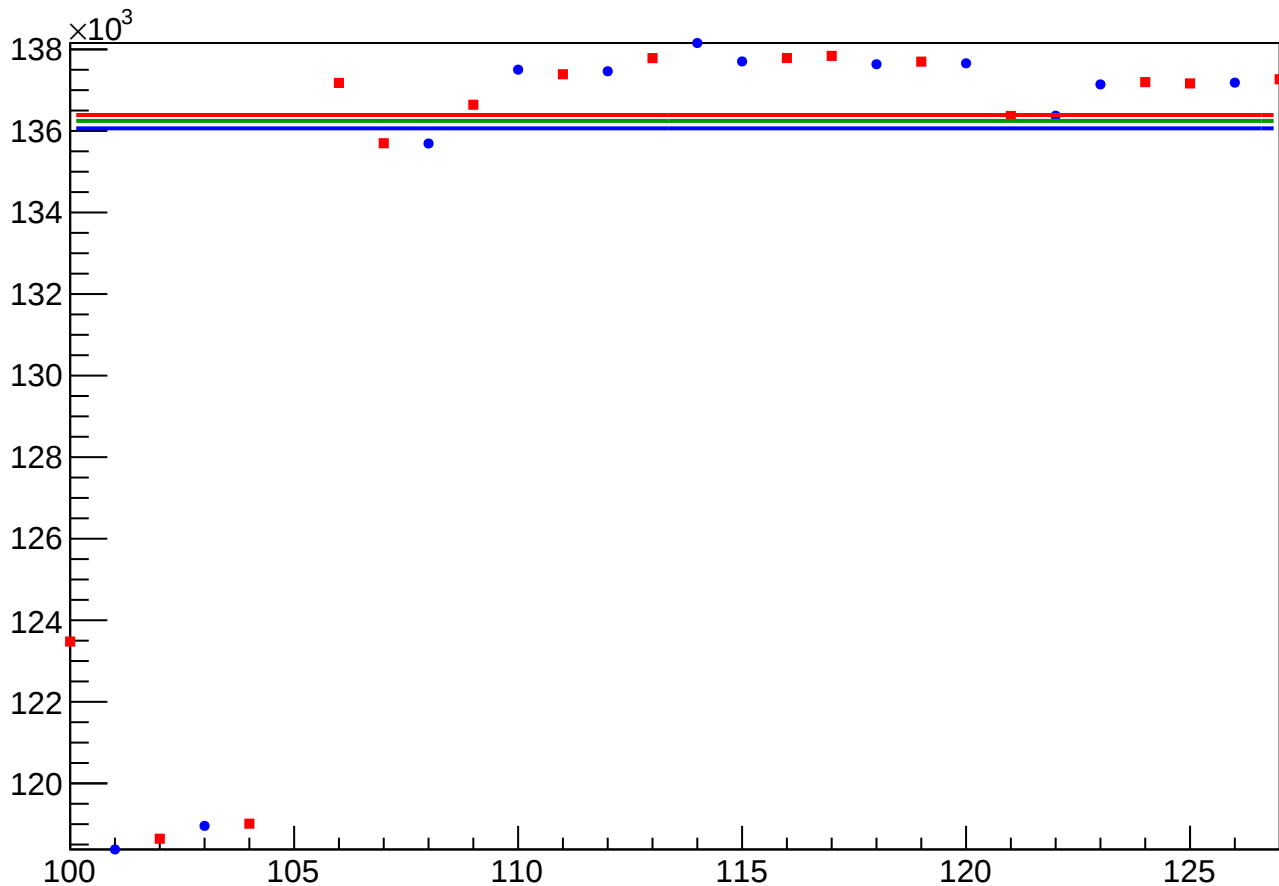
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

404.211+/-0.149 χ^2/NDF : 504897.6/11

420.474+/-0.104 χ^2/NDF : 1207391.2/26

435.643+/-0.144 χ^2/NDF : 679474.9/14

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136063.360 $\pm$ 0.080 χ^2 /NDF: 3412791960.8/11

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

Right Out: 136390.036 $\pm$ 0.071 χ^2 /NDF: 3073162962.9/14

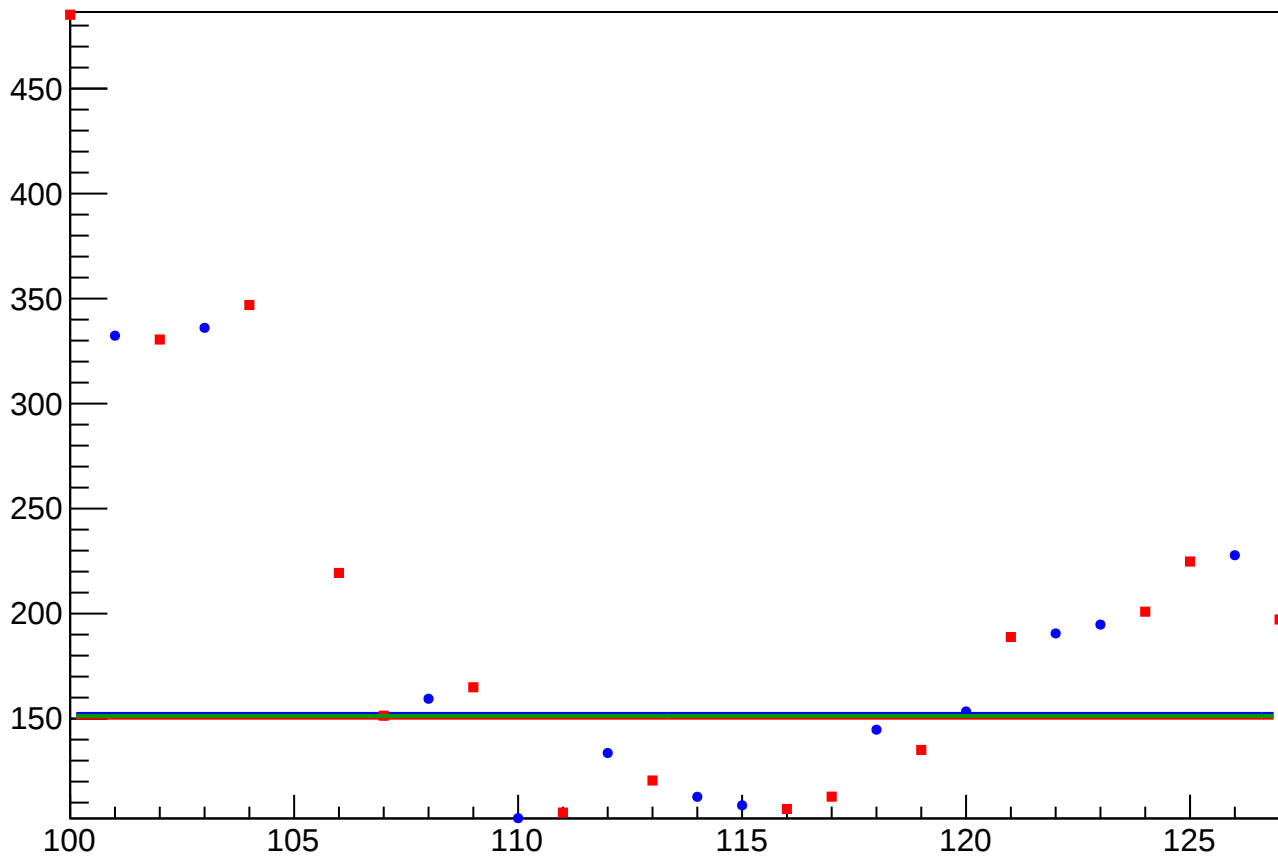
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

136063.360 $\pm$ 0.080 χ^2 /NDF: 3412791960.8/11

136246.331 $\pm$ 0.053 χ^2 /NDF: 649523558

136390.036 $\pm$ 0.071 χ^2 /NDF: 3073162962.9/14

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 152.230+/-0.057 χ^2/NDF : 1042834.2/11

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

Right Out: 150.435+/-0.050 χ^2/NDF : 1241433.9/14

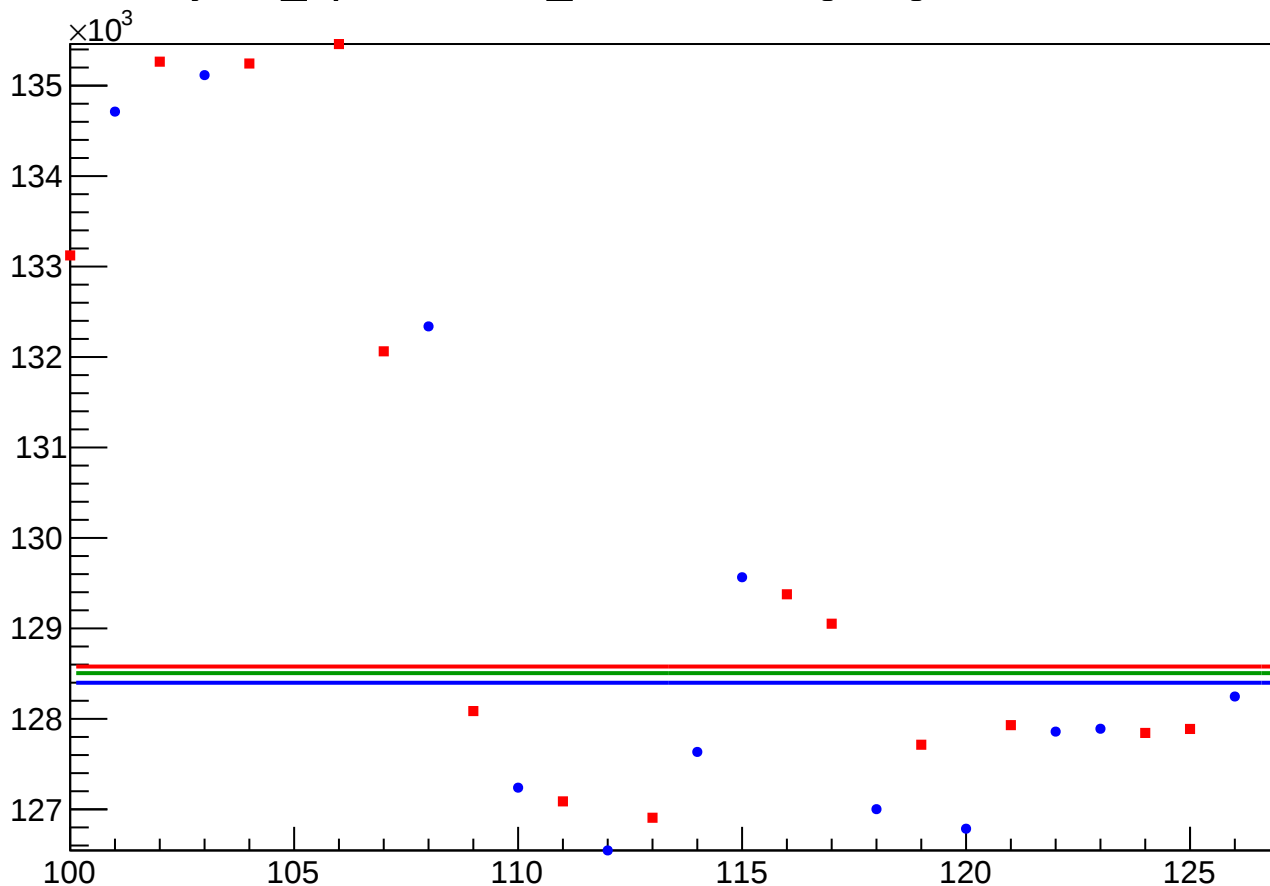
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.230+/-0.057 χ^2/NDF : 1042834.2/11

151.224+/-0.038 χ^2/NDF : 2284828.5/26

150.435+/-0.050 χ^2/NDF : 1241433.9/14

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 128399.209 $\pm$ 0.087 χ^2 /NDF: 732712695.5/11

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

Right Out: 128578.534 $\pm$ 0.072 χ^2 /NDF: 890900440.7/14

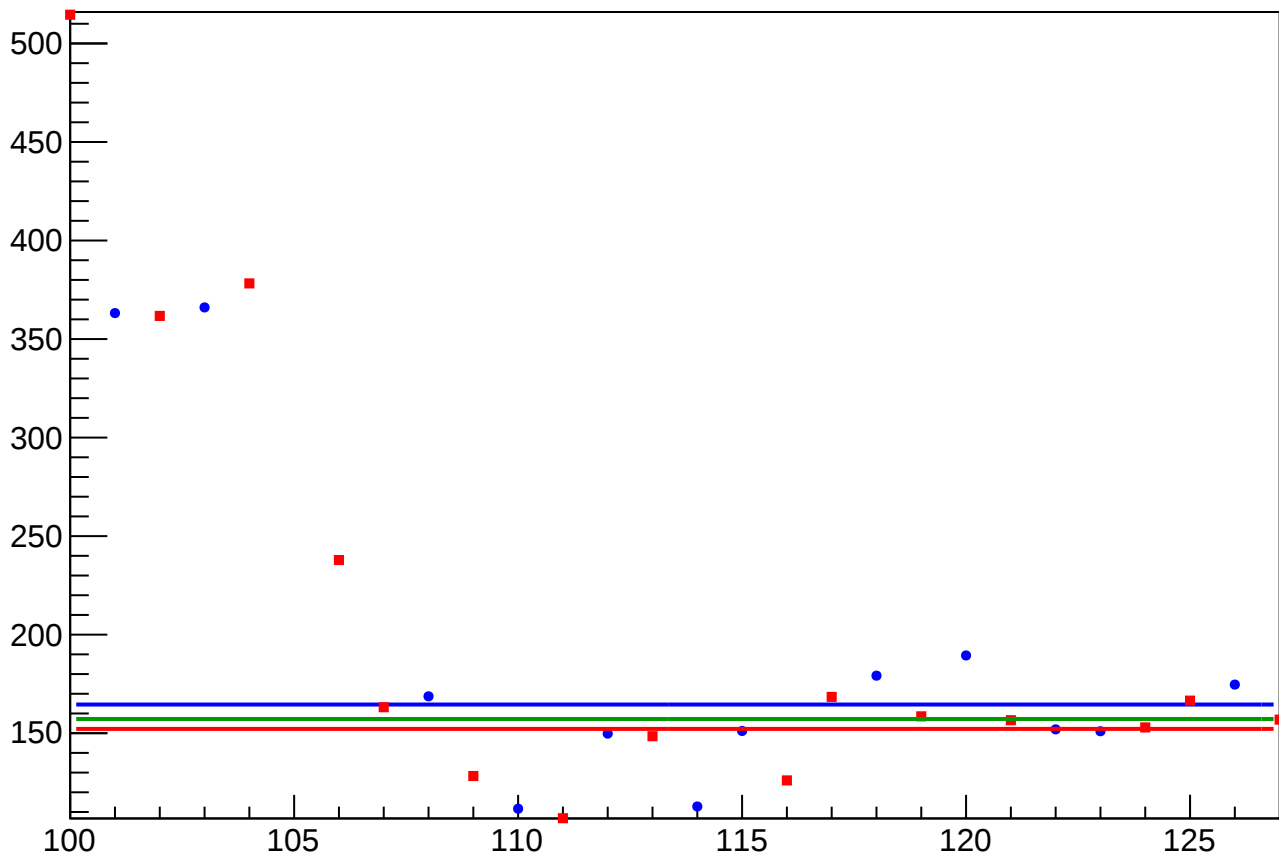
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128399.209 $\pm$ 0.087 χ^2 /NDF: 732712695.5/11

128505.563 $\pm$ 0.056 χ^2 /NDF: 162611480

128578.534 $\pm$ 0.072 χ^2 /NDF: 890900440.7/14

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 164.543+/-0.062 χ^2/NDF : 916308.6/11

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

Right Out: 152.180+/-0.051 χ^2/NDF : 1063822.2/14

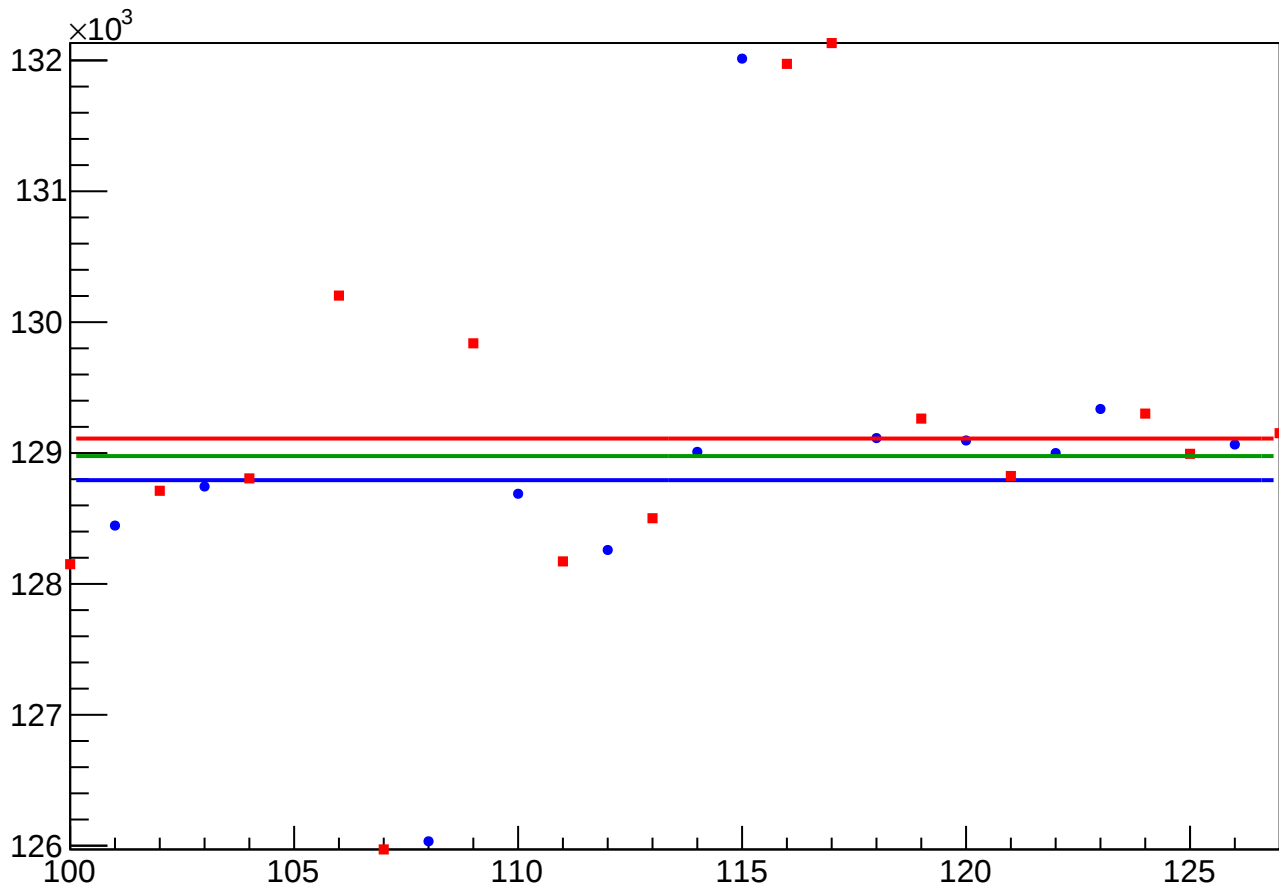
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.543+/-0.062 χ^2/NDF : 916308.6/11

157.211+/-0.039 χ^2/NDF : 2003911.5/26

152.180+/-0.051 χ^2/NDF : 1063822.2/14

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128792.815 $\pm$ 0.074 χ^2 /NDF: 279910531.7/11

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

Right Out: 129110.856 $\pm$ 0.063 χ^2 /NDF: 487672013.8/14

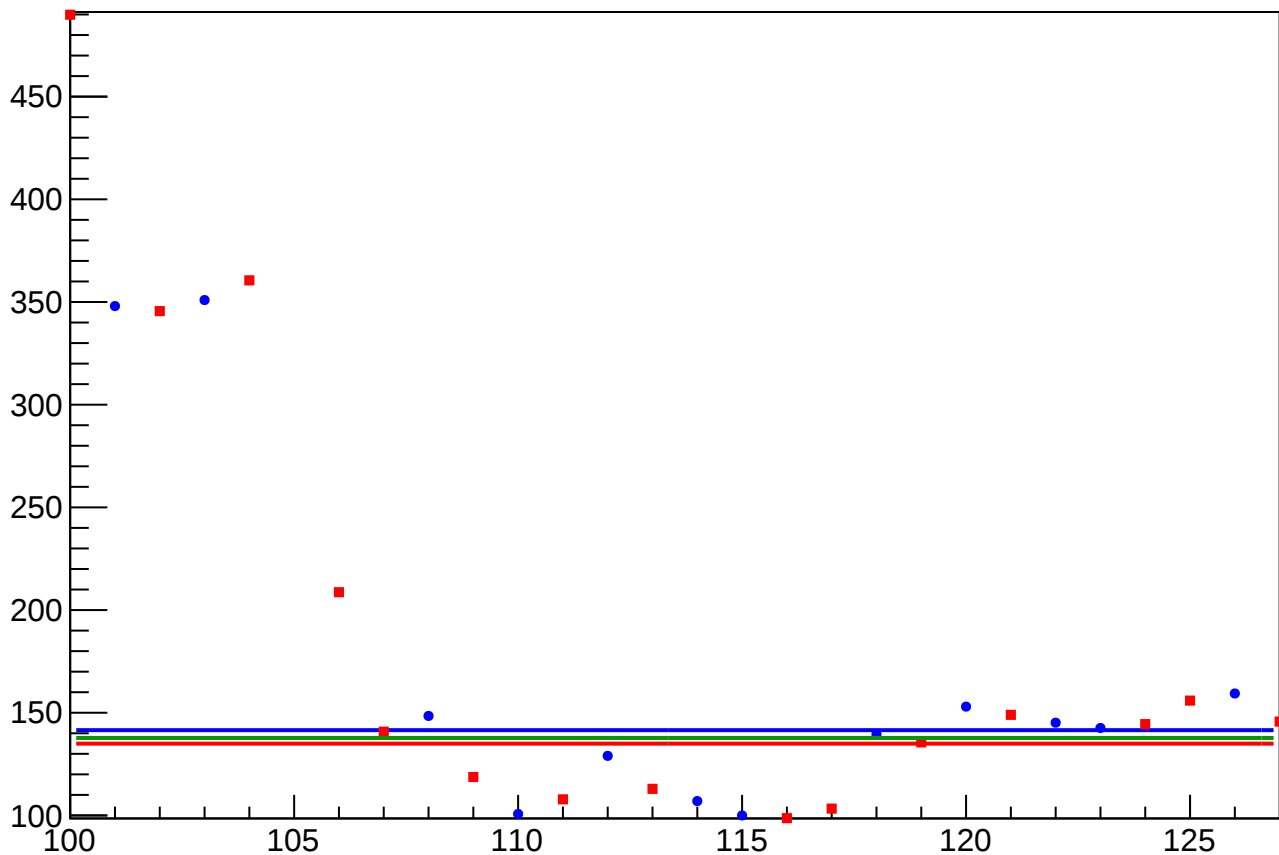
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128792.815 $\pm$ 0.074 χ^2 /NDF: 279910531.7/11

128976.852 $\pm$ 0.048 χ^2 /NDF: 778172034

129110.856 $\pm$ 0.063 χ^2 /NDF: 487672013.8/14

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 141.528 $\pm$ 0.053 χ^2 /NDF: 1016353.8/11

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

Right Out: 134.957 $\pm$ 0.045 χ^2 /NDF: 1129276.7/14

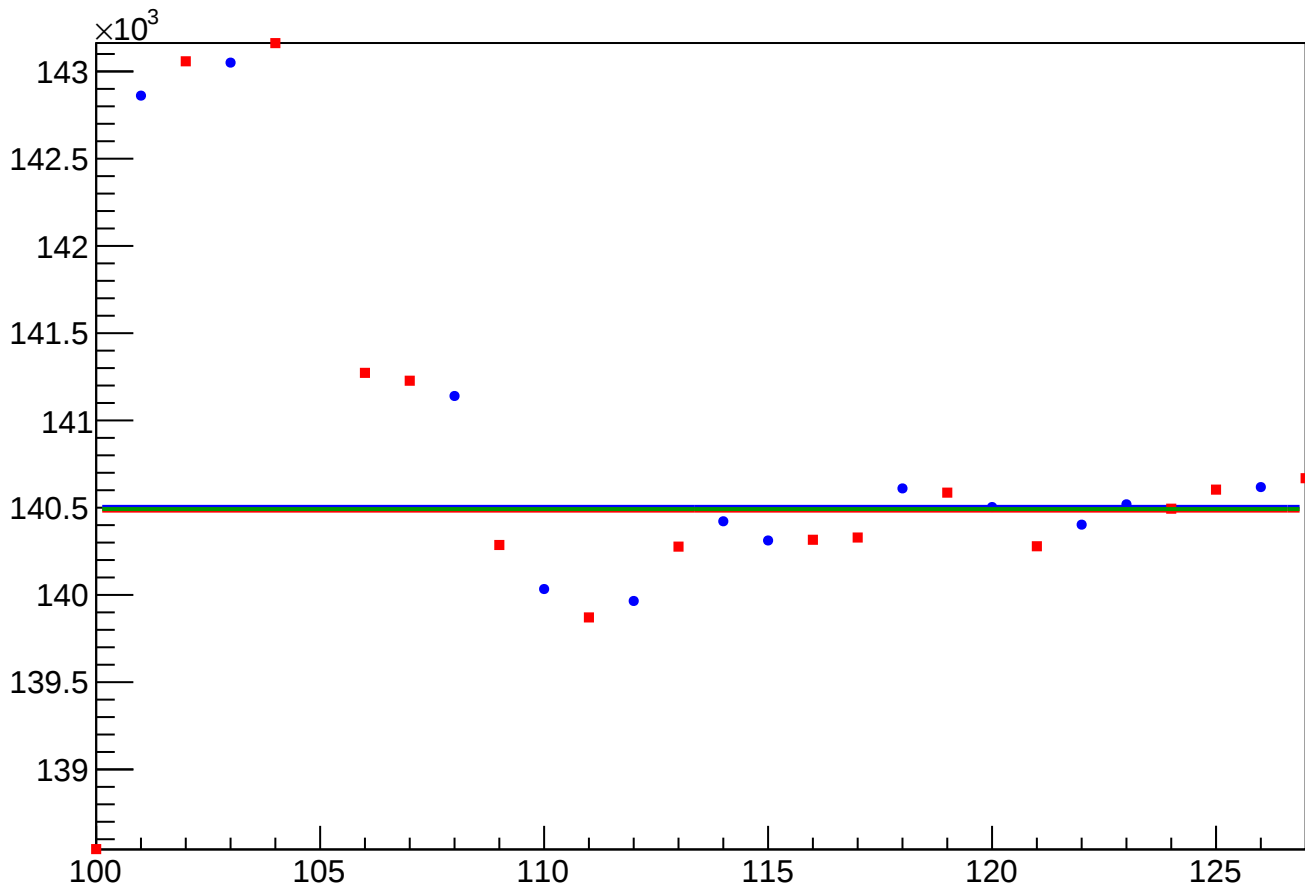
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.528 $\pm$ 0.053 χ^2 /NDF: 1016353.8/11

137.726 $\pm$ 0.034 χ^2 /NDF: 2154668.8/26

134.957 $\pm$ 0.045 χ^2 /NDF: 1129276.7/14

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140504.669 $\pm$ 0.080 χ^2 /NDF: 62995792.0/11

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

140504.669 $\pm$ 0.080 χ^2 /NDF: 62995792.0/11

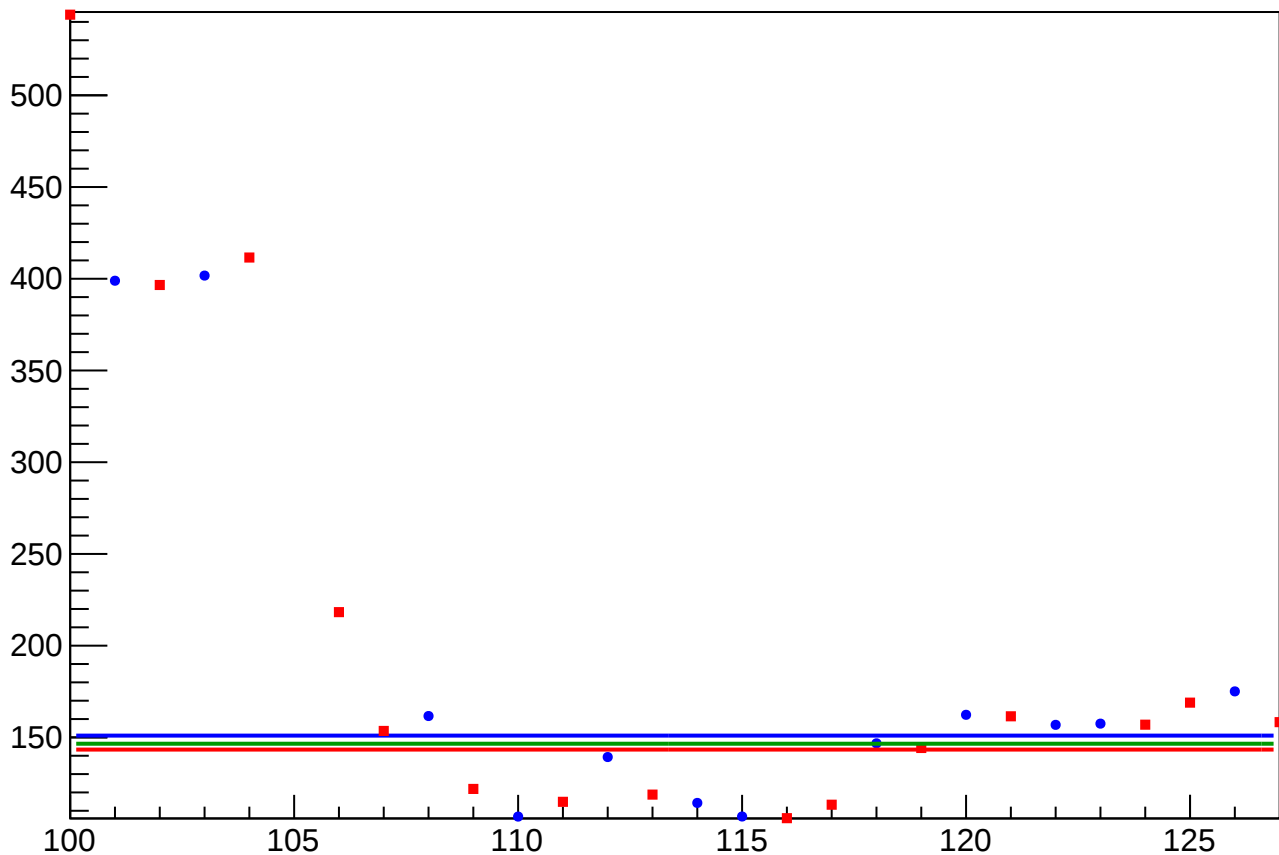
140492.148 $\pm$ 0.052 χ^2 /NDF: 136271308

Right Out: 140483.124 $\pm$ 0.068 χ^2 /NDF: 73232969.1/14

140483.124 $\pm$ 0.068 χ^2 /NDF: 73232969.1/14

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

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 150.975+/-0.056 χ^2/NDF : 1107007.9/11

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

Right Out: 143.359+/-0.048 χ^2/NDF : 1222779.6/14

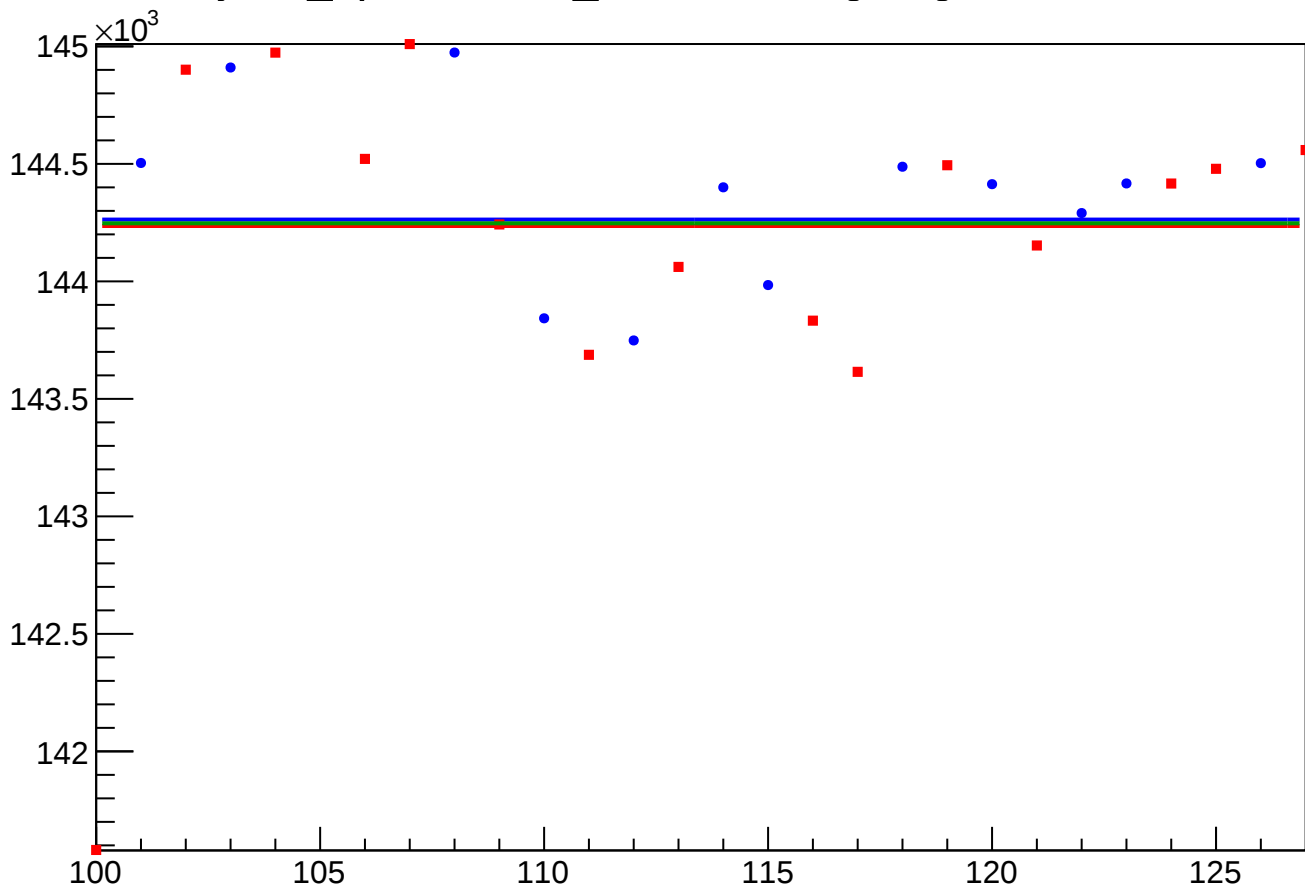
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

150.975+/-0.056 χ^2/NDF : 1107007.9/11

146.549+/-0.036 χ^2/NDF : 2340419.1/26

143.359+/-0.048 χ^2/NDF : 1222779.6/14

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144262.978 $\pm$ 0.083 χ^2 /NDF: 21670673.3/11

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

144262.978 $\pm$ 0.083 χ^2 /NDF: 21670673.3/11

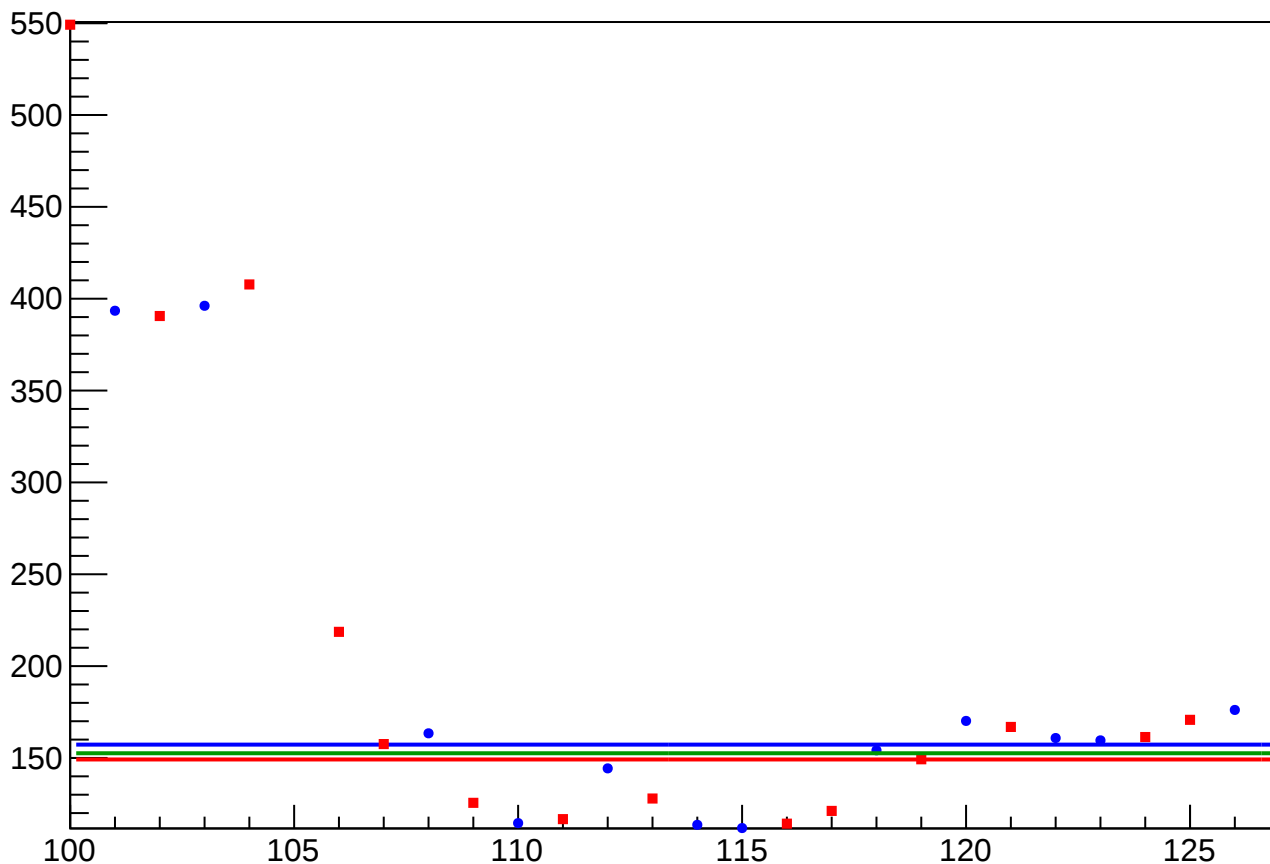
144247.089 $\pm$ 0.053 χ^2 /NDF: 53809546.8

Right Out: 144235.663 $\pm$ 0.070 χ^2 /NDF: 32075176.5/14

144235.663 $\pm$ 0.070 χ^2 /NDF: 32075176.5/14

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

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 157.268 $\pm$ 0.058 χ^2 /NDF: 1025717.4/11

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

Right Out: 149.184 $\pm$ 0.049 χ^2 /NDF: 1140058.4/14

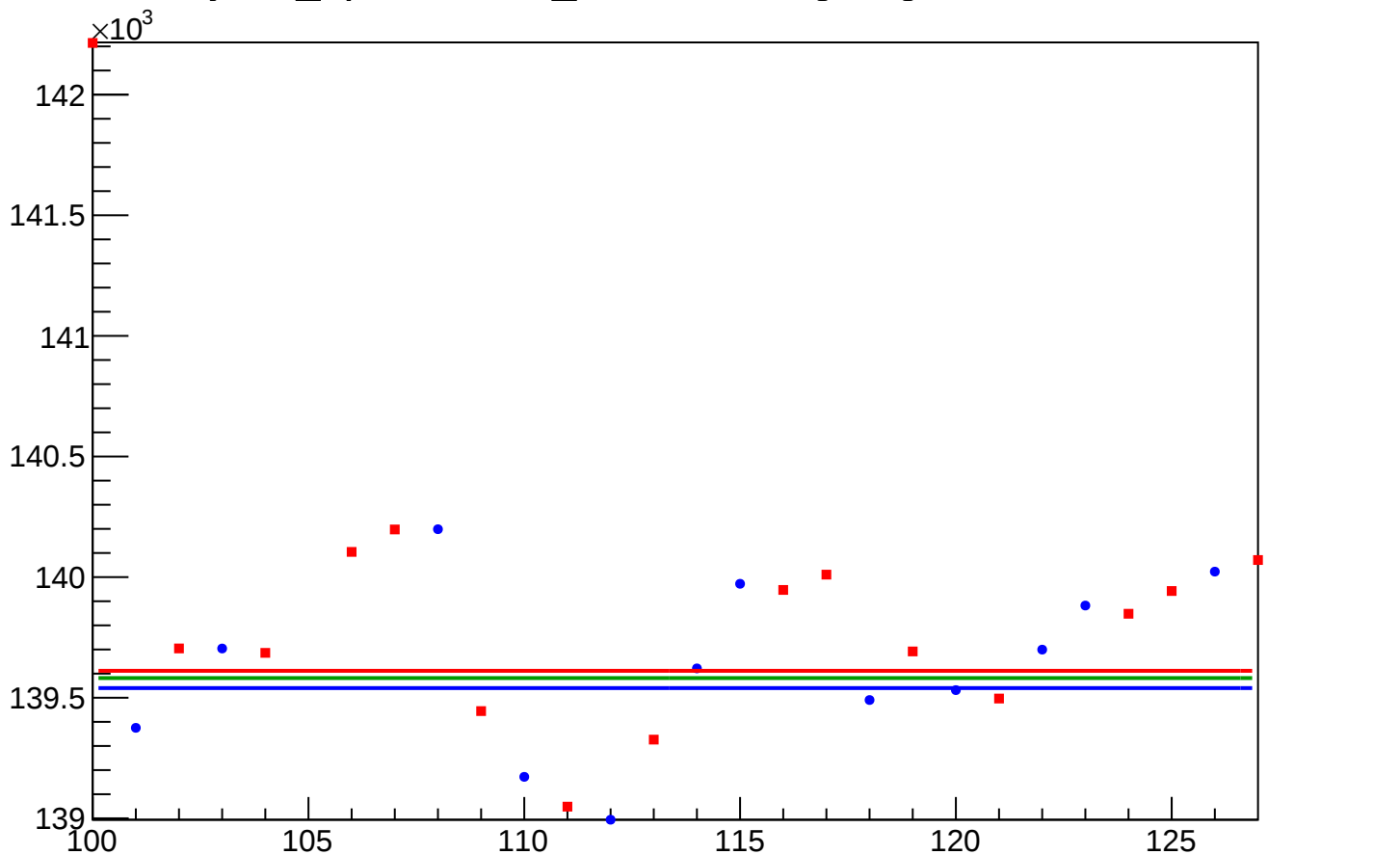
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

157.268 $\pm$ 0.058 χ^2 /NDF: 1025717.4/11

152.566 $\pm$ 0.038 χ^2 /NDF: 2176933.6/26

149.184 $\pm$ 0.049 χ^2 /NDF: 1140058.4/14

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139540.051 ± 0.084 $\chi^2/\text{NDF}: 20407784.0/11$

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

Right Out: 139611.641 ± 0.072 $\chi^2/\text{NDF}: 27166985.2/14$

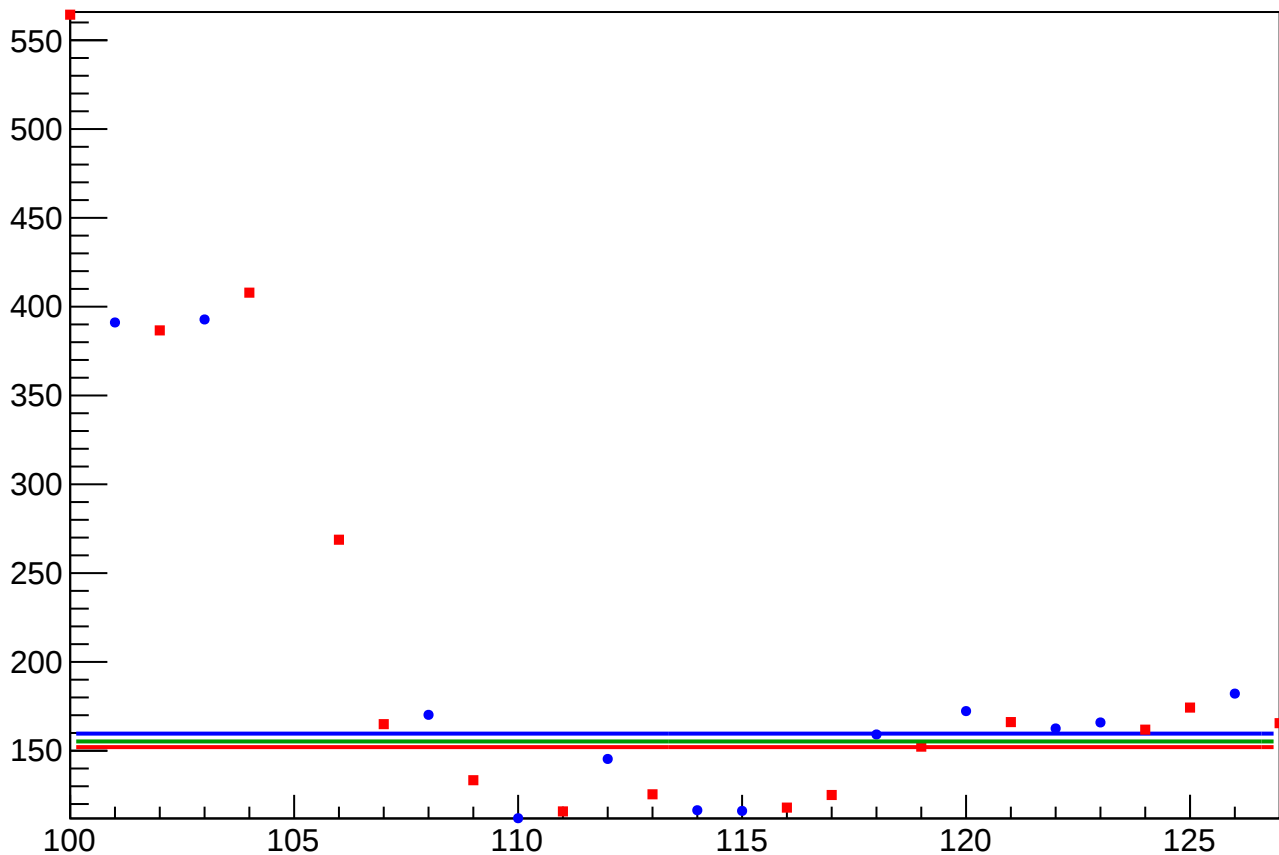
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

139540.051 ± 0.084 $\chi^2/\text{NDF}: 20407784.0/11$

139581.525 ± 0.054 $\chi^2/\text{NDF}: 47996464.8$

139611.641 ± 0.072 $\chi^2/\text{NDF}: 27166985.2/14$

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 159.643 $\pm$ 0.059 χ^2 /NDF: 1022946.6/11

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

Right Out: 152.039 $\pm$ 0.051 χ^2 /NDF: 1174017.4/14

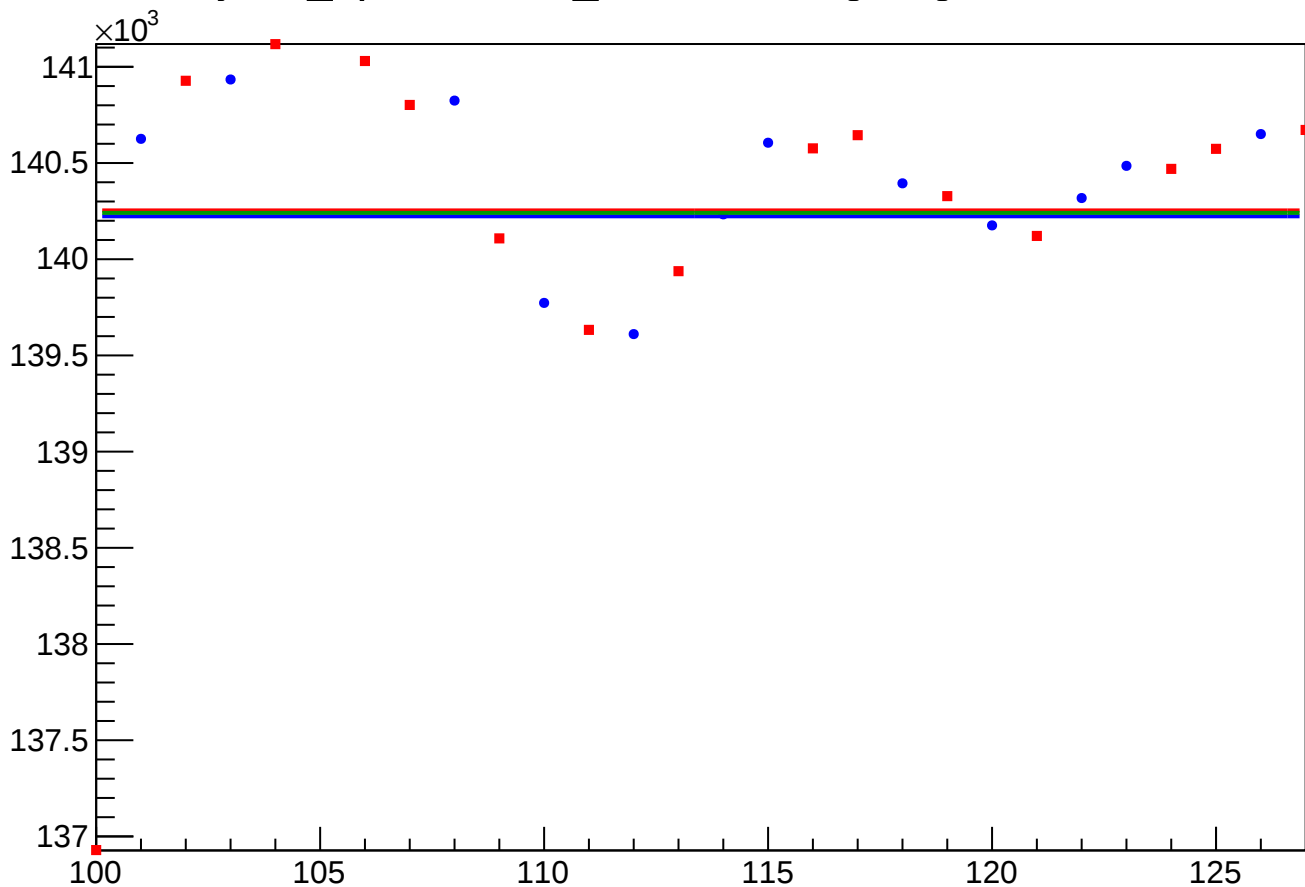
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

159.643 $\pm$ 0.059 χ^2 /NDF: 1022946.6/11

155.238 $\pm$ 0.038 χ^2 /NDF: 2206478.9/26

152.039 $\pm$ 0.051 χ^2 /NDF: 1174017.4/14

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140223.096 $\pm$ 0.085 χ^2/NDF : 24248715.9/11

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

140223.096 $\pm$ 0.085 χ^2/NDF : 24248715.9/11

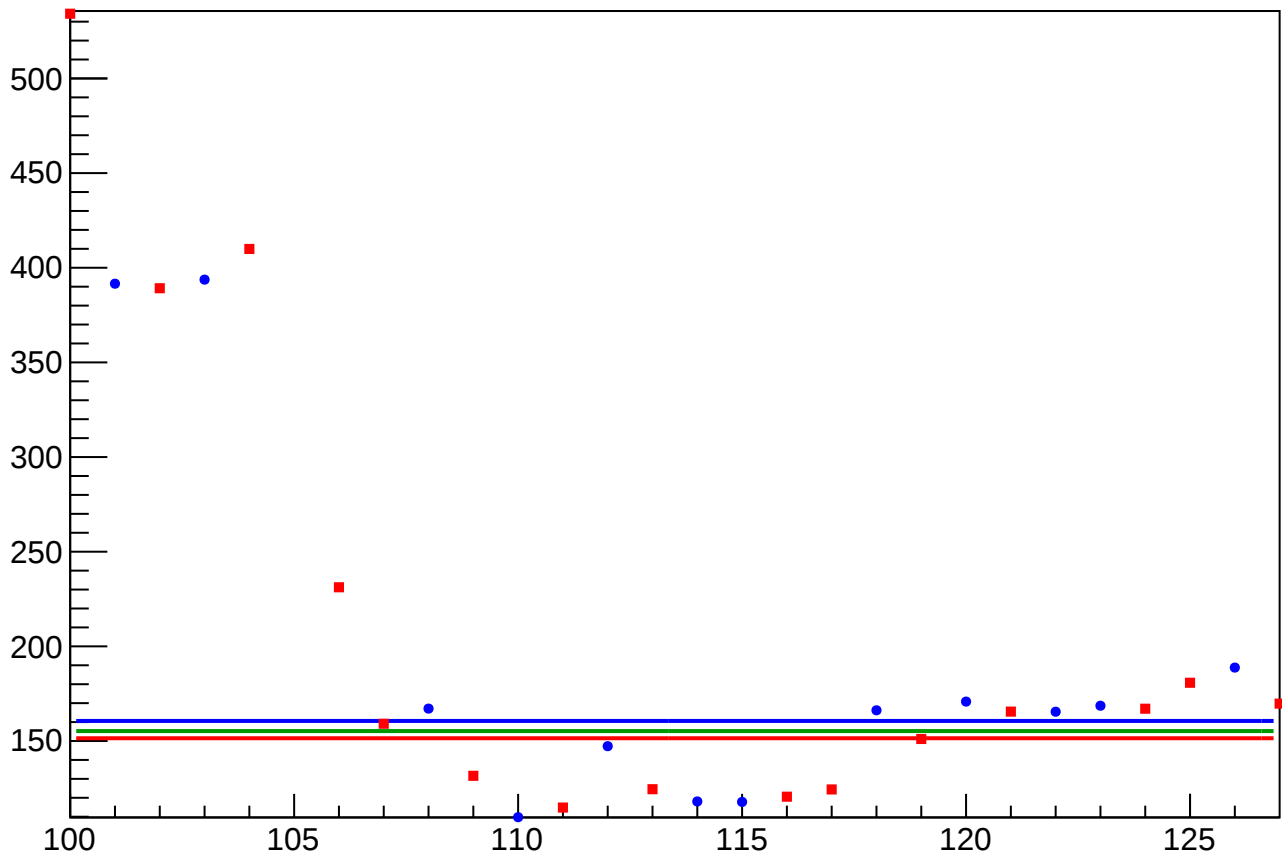
140240.967 $\pm$ 0.054 χ^2/NDF : 59916113.4

Right Out: 140253.662 $\pm$ 0.071 χ^2/NDF : 35590906.0/14

140253.662 $\pm$ 0.071 χ^2/NDF : 35590906.0/14

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

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 160.598+/-0.060 χ^2/NDF : 1040566.6/11

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

Right Out: 151.457+/-0.050 χ^2/NDF : 1149725.9/14

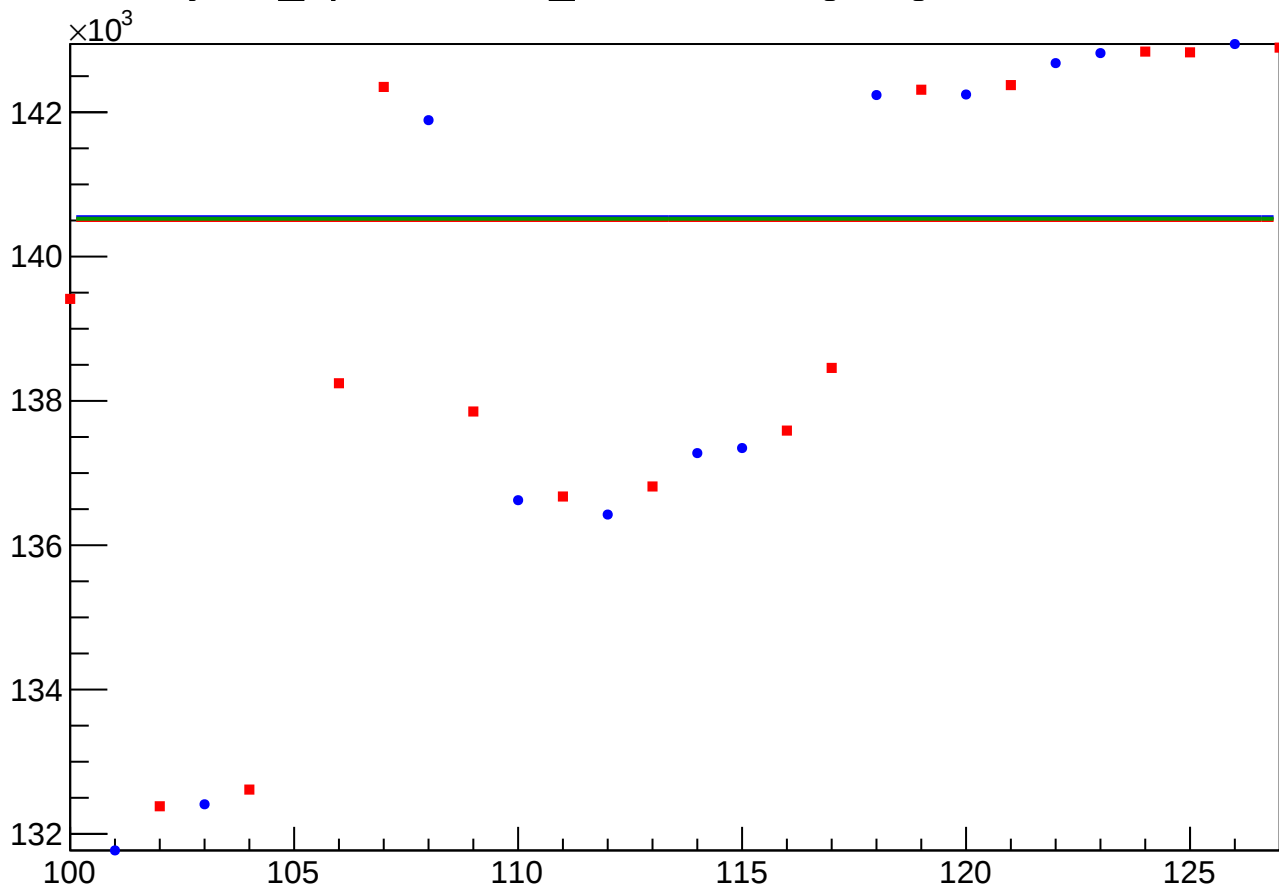
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.598+/-0.060 χ^2/NDF : 1040566.6/11

155.253+/-0.039 χ^2/NDF : 2203975.7/26

151.457+/-0.050 χ^2/NDF : 1149725.9/14

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140545.808 $\pm$ 0.127 χ^2 /NDF: 690559714.9/11

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

Right Out: 140506.952 $\pm$ 0.115 χ^2 /NDF: 706203454.2/14

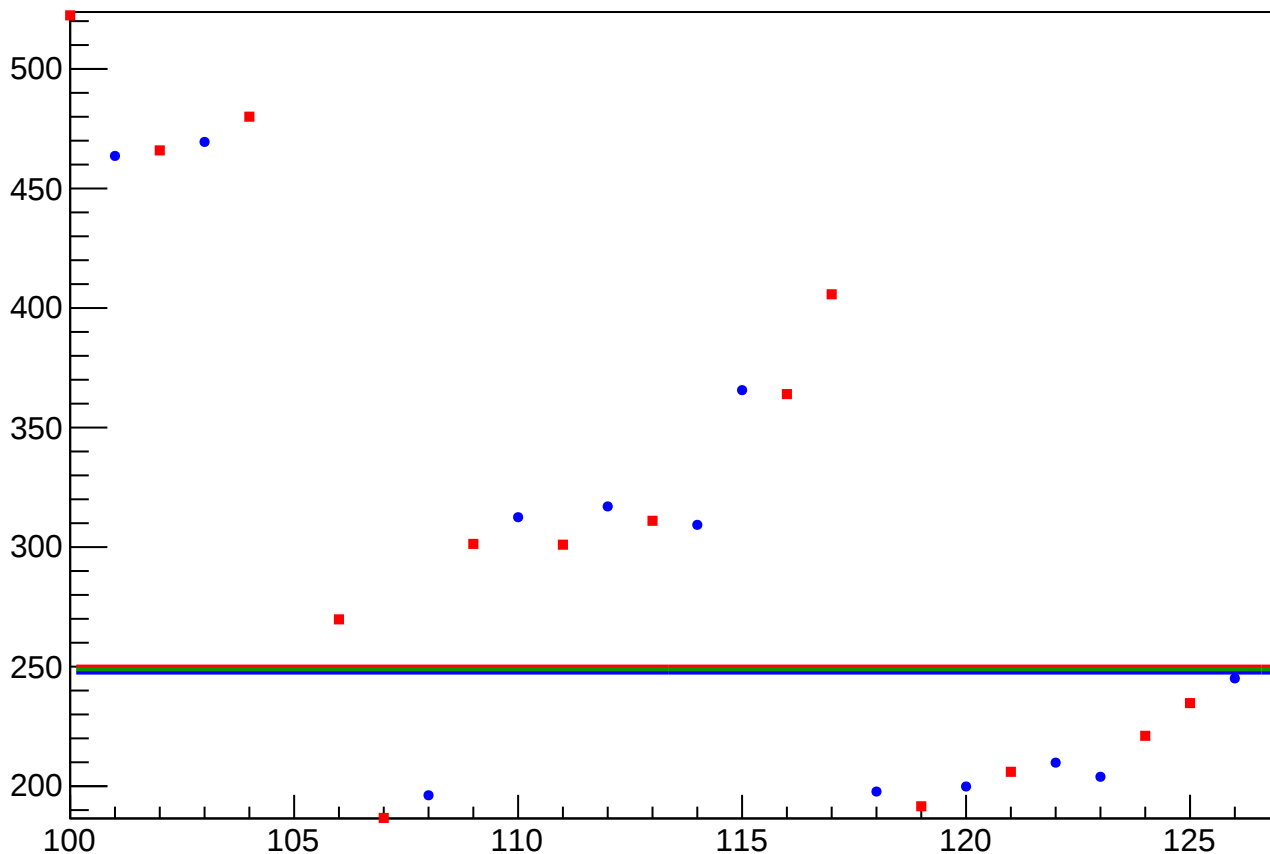
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140545.808 $\pm$ 0.127 χ^2 /NDF: 690559714.9/11

140524.500 $\pm$ 0.085 χ^2 /NDF: 139681434

140506.952 $\pm$ 0.115 χ^2 /NDF: 706203454.2/14

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 247.524+/-0.090 χ^2/NDF : 794888.8/11

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

Right Out: 250.025+/-0.082 χ^2/NDF : 867669.6/14

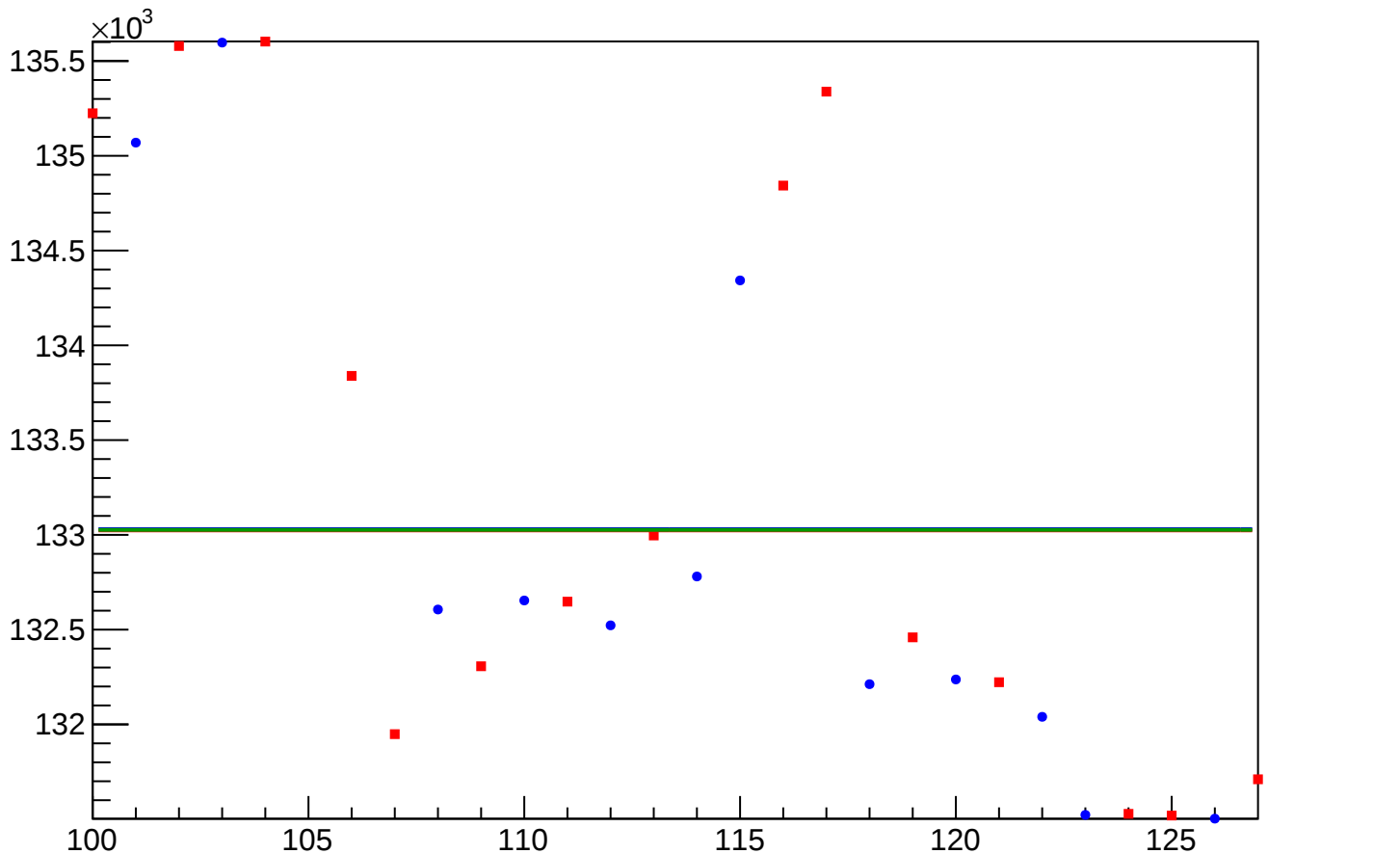
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

247.524+/-0.090 χ^2/NDF : 794888.8/11

248.895+/-0.060 χ^2/NDF : 1662982.3/26

250.025+/-0.082 χ^2/NDF : 867669.6/14

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133030.388 $\pm$ 0.139 χ^2 /NDF: 67163776.6/11

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

133030.388 $\pm$ 0.139 χ^2 /NDF: 67163776.6/11

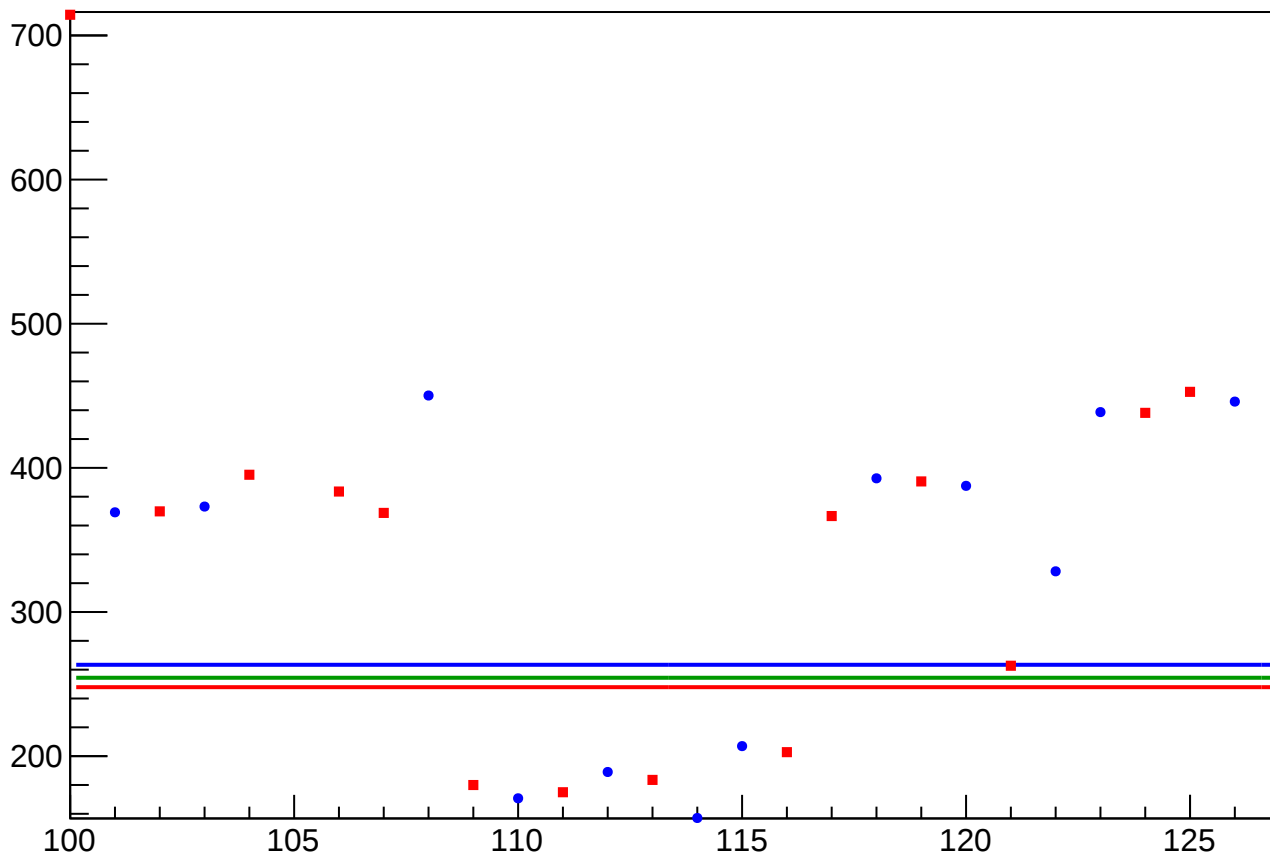
133026.576 $\pm$ 0.090 χ^2 /NDF: 162579581

Right Out: 133023.808 $\pm$ 0.118 χ^2 /NDF: 95414505.7/14

133023.808 $\pm$ 0.118 χ^2 /NDF: 95414505.7/14

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

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 263.388+/-0.098 χ^2/NDF : 1113291.0/11

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

Right Out: 247.850+/-0.084 χ^2/NDF : 1352423.9/14

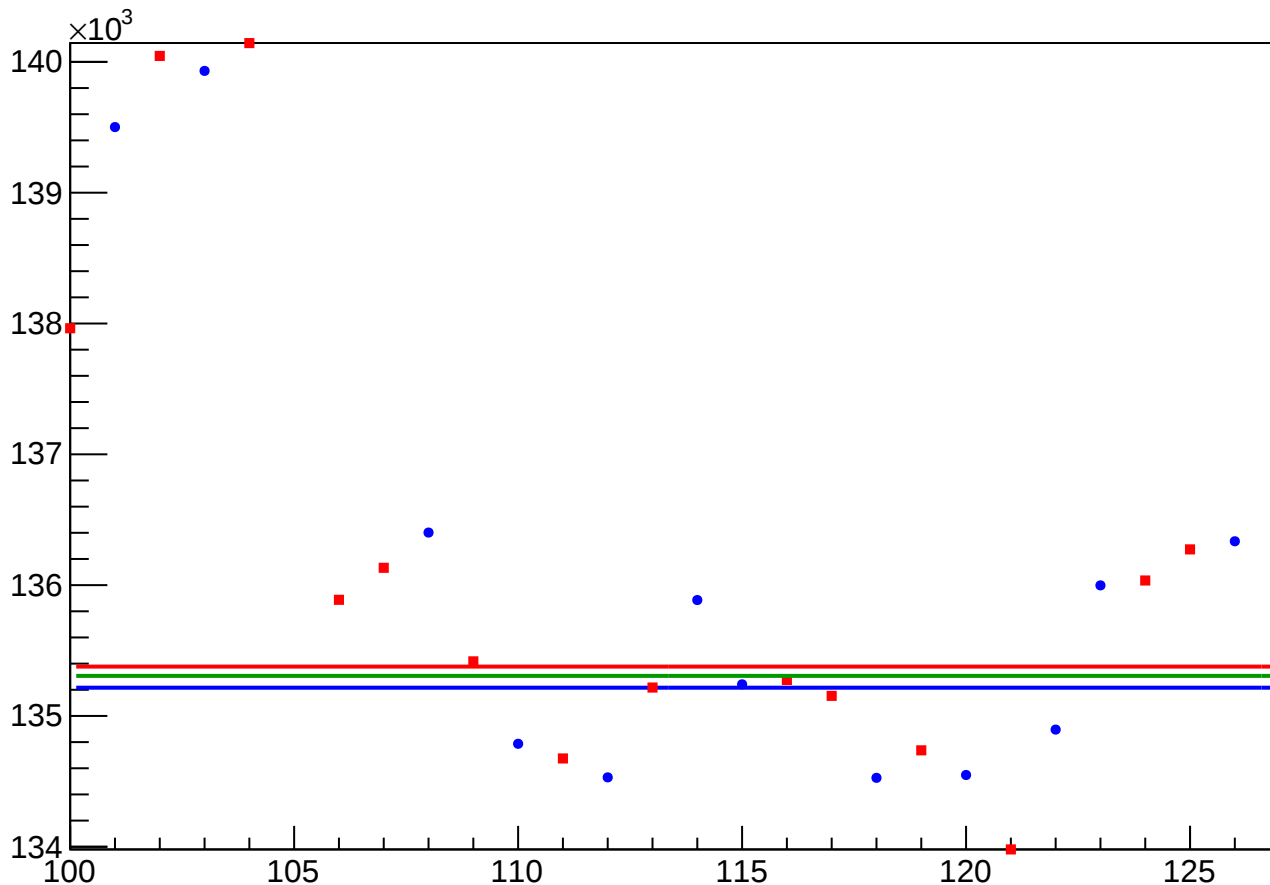
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

263.388+/-0.098 χ^2/NDF : 1113291.0/11

254.388+/-0.064 χ^2/NDF : 2480205.6/26

247.850+/-0.084 χ^2/NDF : 1352423.9/14

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135215.954 $\pm$ 0.065 χ^2 /NDF: 282366051.9/11

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

Right Out: 135377.319 $\pm$ 0.058 χ^2 /NDF: 280009034.3/14

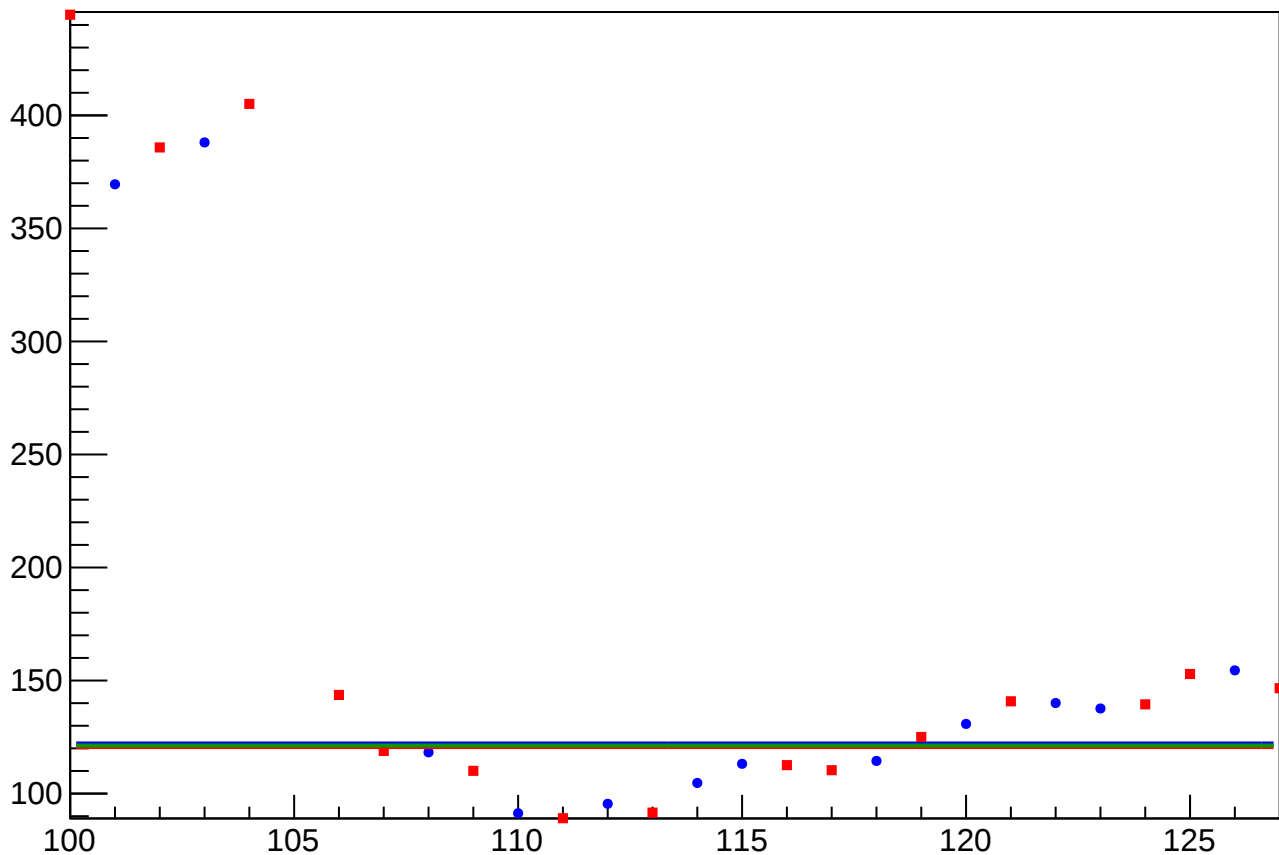
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135215.954 $\pm$ 0.065 χ^2 /NDF: 282366051.9/11

135306.294 $\pm$ 0.043 χ^2 /NDF: 565805911

135377.319 $\pm$ 0.058 χ^2 /NDF: 280009034.3/14

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 122.172+/-0.046 χ^2/NDF : 1261224.0/11

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

Right Out: 120.571+/-0.041 χ^2/NDF : 1365797.6/14

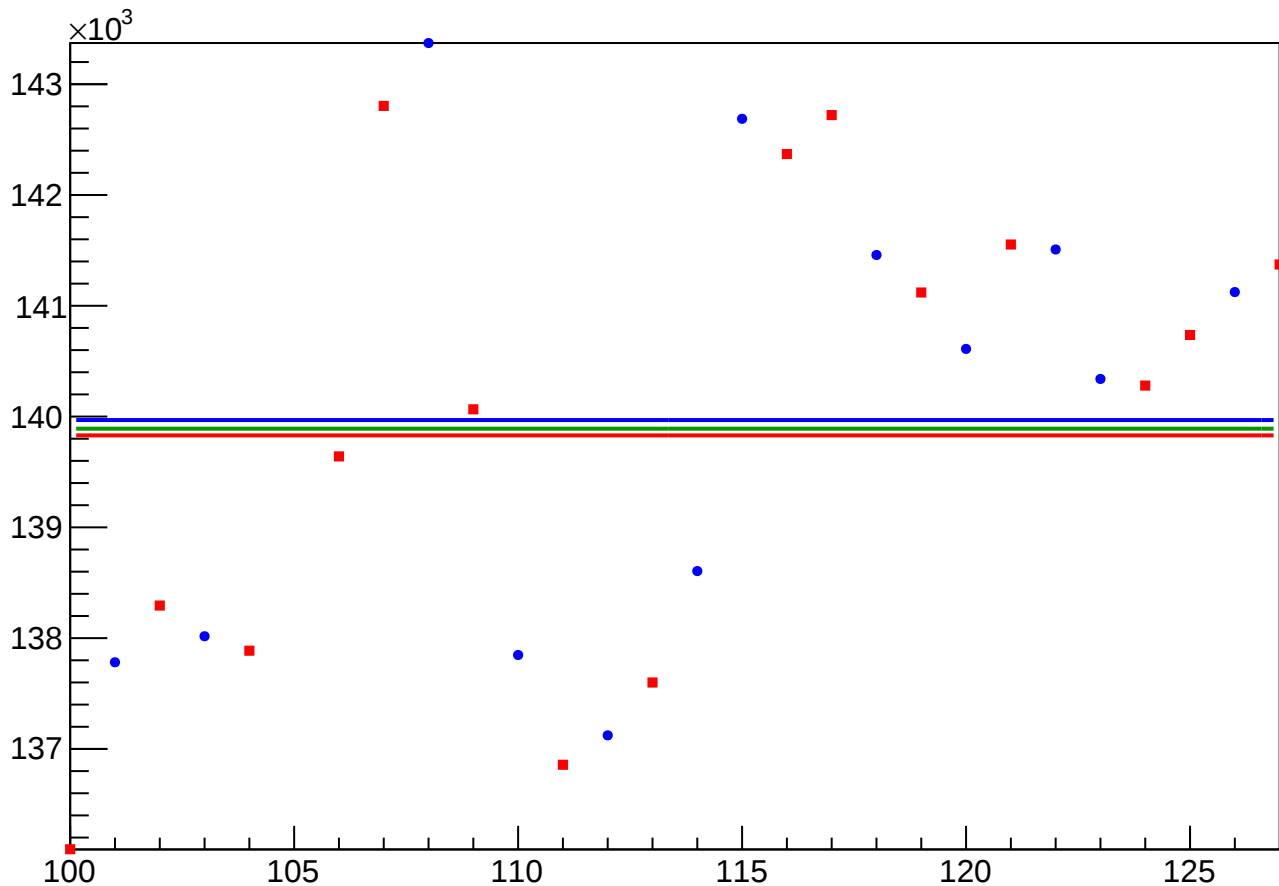
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.172+/-0.046 χ^2/NDF : 1261224.0/11

121.276+/-0.031 χ^2/NDF : 2627696.9/26

120.571+/-0.041 χ^2/NDF : 1365797.6/14

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139968.663 $\pm$ 0.076 χ^2 /NDF: 748533785.7/11

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

Right Out: 139830.139 $\pm$ 0.067 χ^2 /NDF: 908739201.4/14

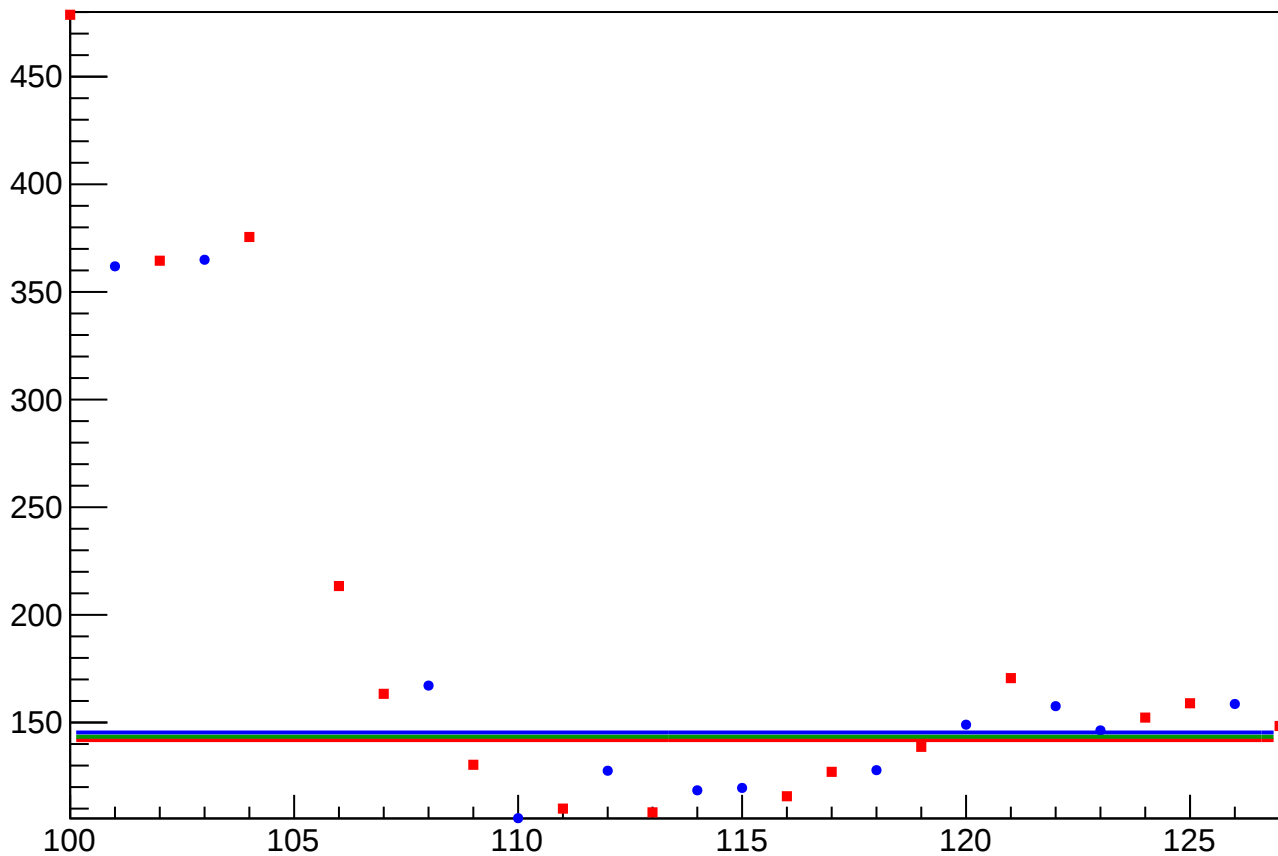
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139968.663 $\pm$ 0.076 χ^2 /NDF: 748533785.7/11

139890.558 $\pm$ 0.050 χ^2 /NDF: 165913652

139830.139 $\pm$ 0.067 χ^2 /NDF: 908739201.4/14

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 145.354+/-0.054 χ^2/NDF : 1007054.3/11

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

Right Out: 141.828+/-0.047 χ^2/NDF : 1135982.5/14

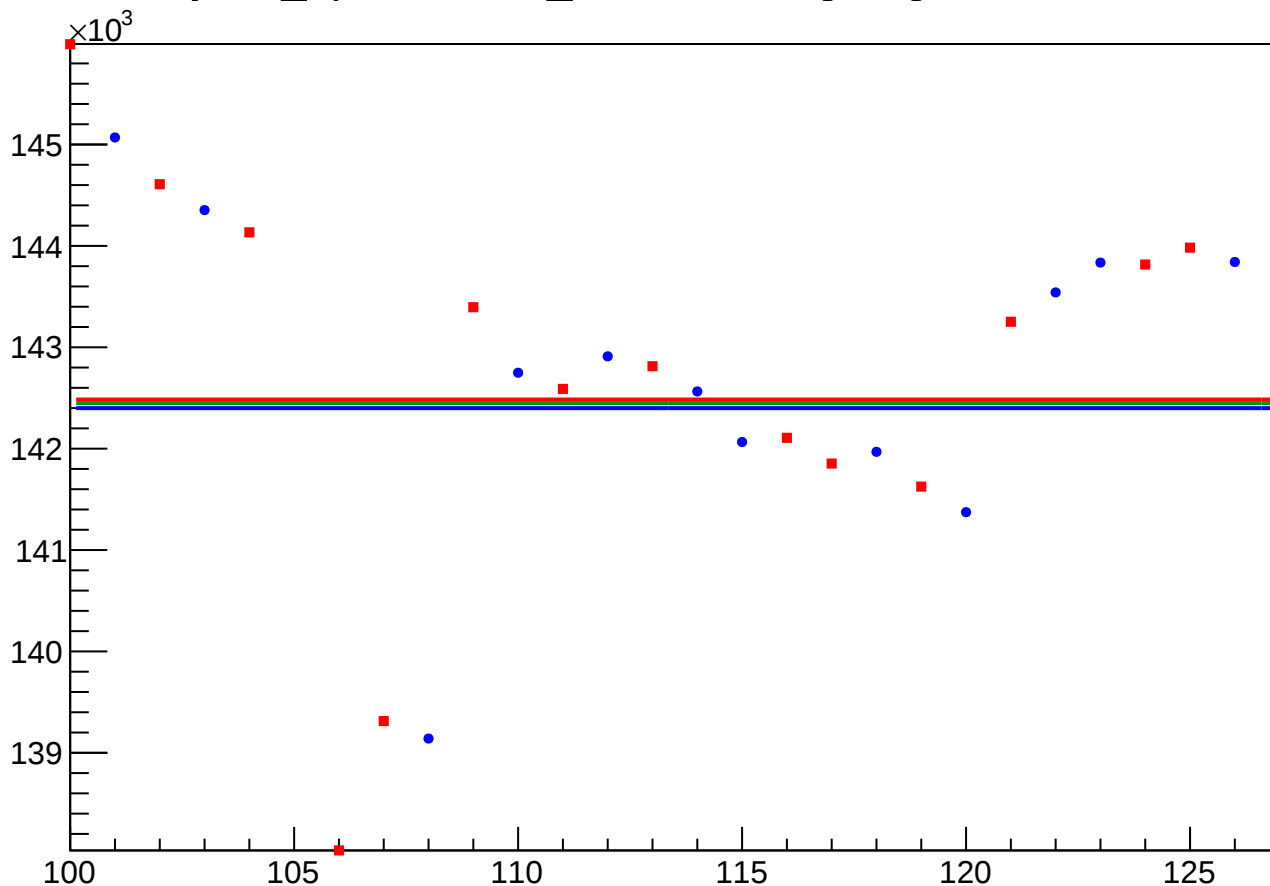
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.354+/-0.054 χ^2/NDF : 1007054.3/11

143.366+/-0.036 χ^2/NDF : 2145452.4/26

141.828+/-0.047 χ^2/NDF : 1135982.5/14

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142399.534 $\pm$ 0.082 χ^2 /NDF: 311823752.9/11

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

Right Out: 142484.656 $\pm$ 0.069 χ^2 /NDF: 461290872.6/14

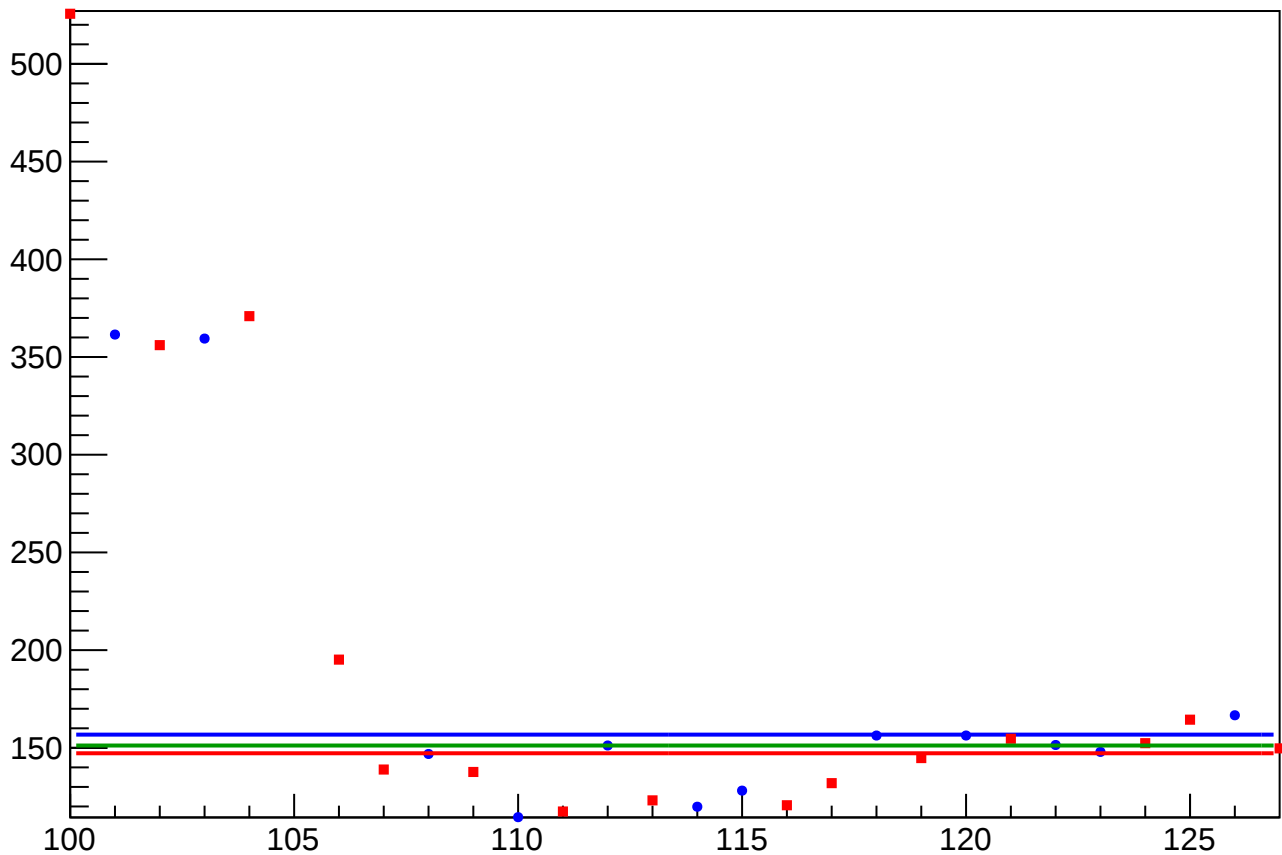
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142399.534 $\pm$ 0.082 χ^2 /NDF: 311823752.9/11

142449.276 $\pm$ 0.053 χ^2 /NDF: 773748371

142484.656 $\pm$ 0.069 χ^2 /NDF: 461290872.6/14

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.765 $\pm$ 0.058 χ^2 /NDF: 866216.9/11

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

Right Out: 147.223 $\pm$ 0.049 χ^2 /NDF: 960404.4/14

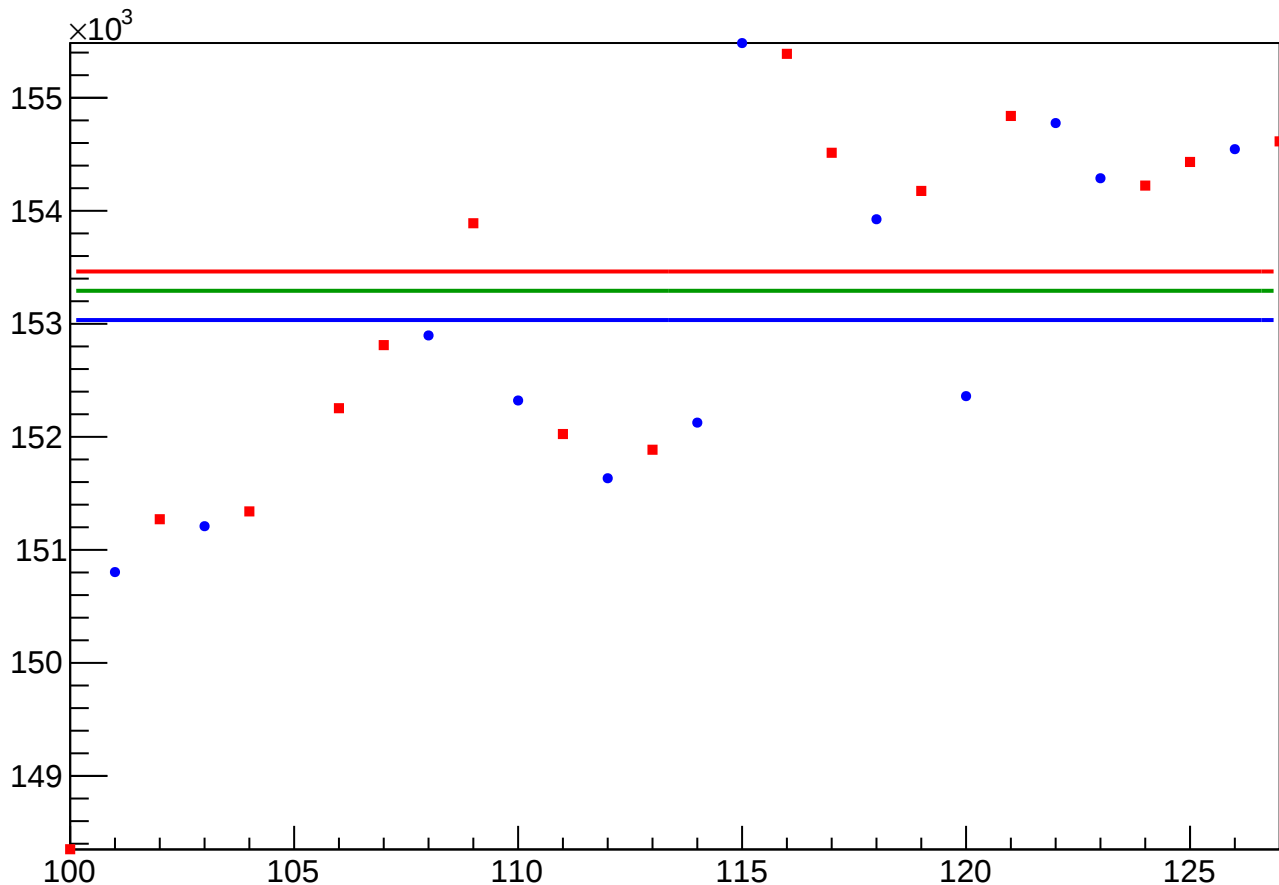
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.765 $\pm$ 0.058 χ^2 /NDF: 866216.9/11

151.189 $\pm$ 0.037 χ^2 /NDF: 1842548.0/26

147.223 $\pm$ 0.049 χ^2 /NDF: 960404.4/14

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153033.535 $\pm$ 0.096 χ^2 /NDF: 182621146.6/11

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

153033.535 $\pm$ 0.096 χ^2 /NDF: 182621146.6/11

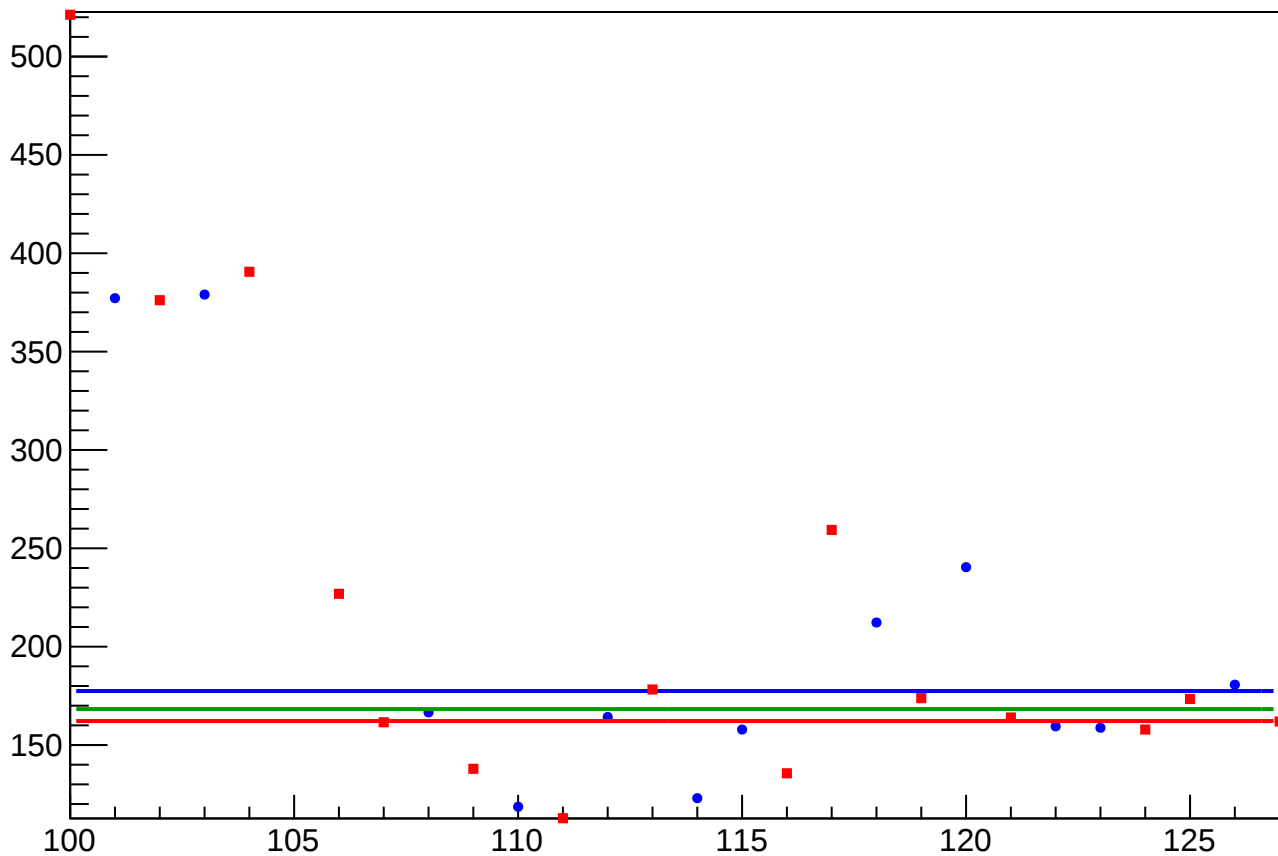
153292.316 $\pm$ 0.060 χ^2 /NDF: 454261573

Right Out: 153463.159 $\pm$ 0.078 χ^2 /NDF: 259515476.7/14

153463.159 $\pm$ 0.078 χ^2 /NDF: 259515476.7/14

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 177.457 +/- 0.068 χ^2/NDF : 922438.8/11

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

Right Out: 162.201 +/- 0.055 χ^2/NDF : 1019501.0/14

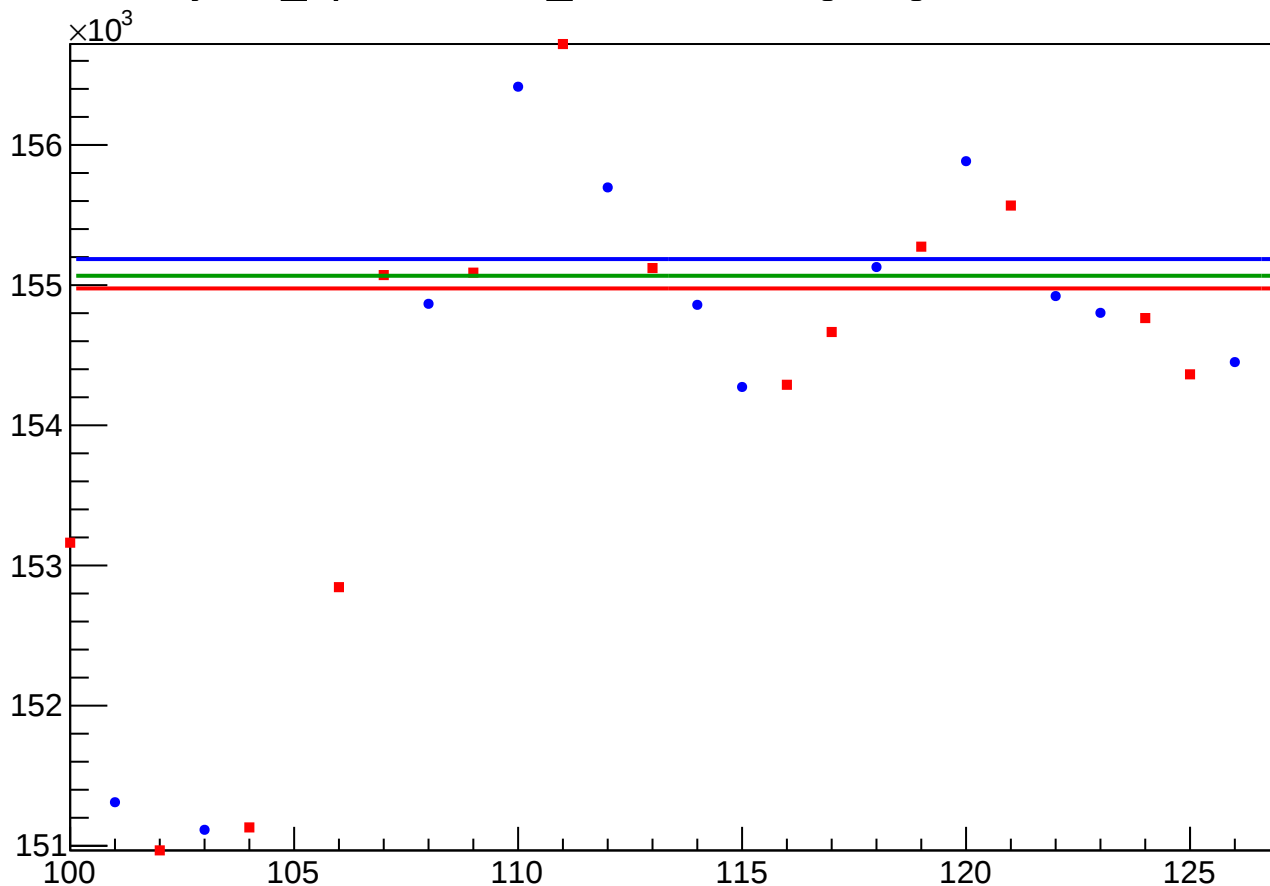
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

177.457 +/- 0.068 χ^2/NDF : 922438.8/11

168.268 +/- 0.043 χ^2/NDF : 1972516.4/26

162.201 +/- 0.055 χ^2/NDF : 1019501.0/14

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 155185.917 $\pm$ 0.079 χ^2 /NDF: 176166715.8/11

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

Right Out: 154976.447 $\pm$ 0.069 χ^2 /NDF: 266437149.6/14

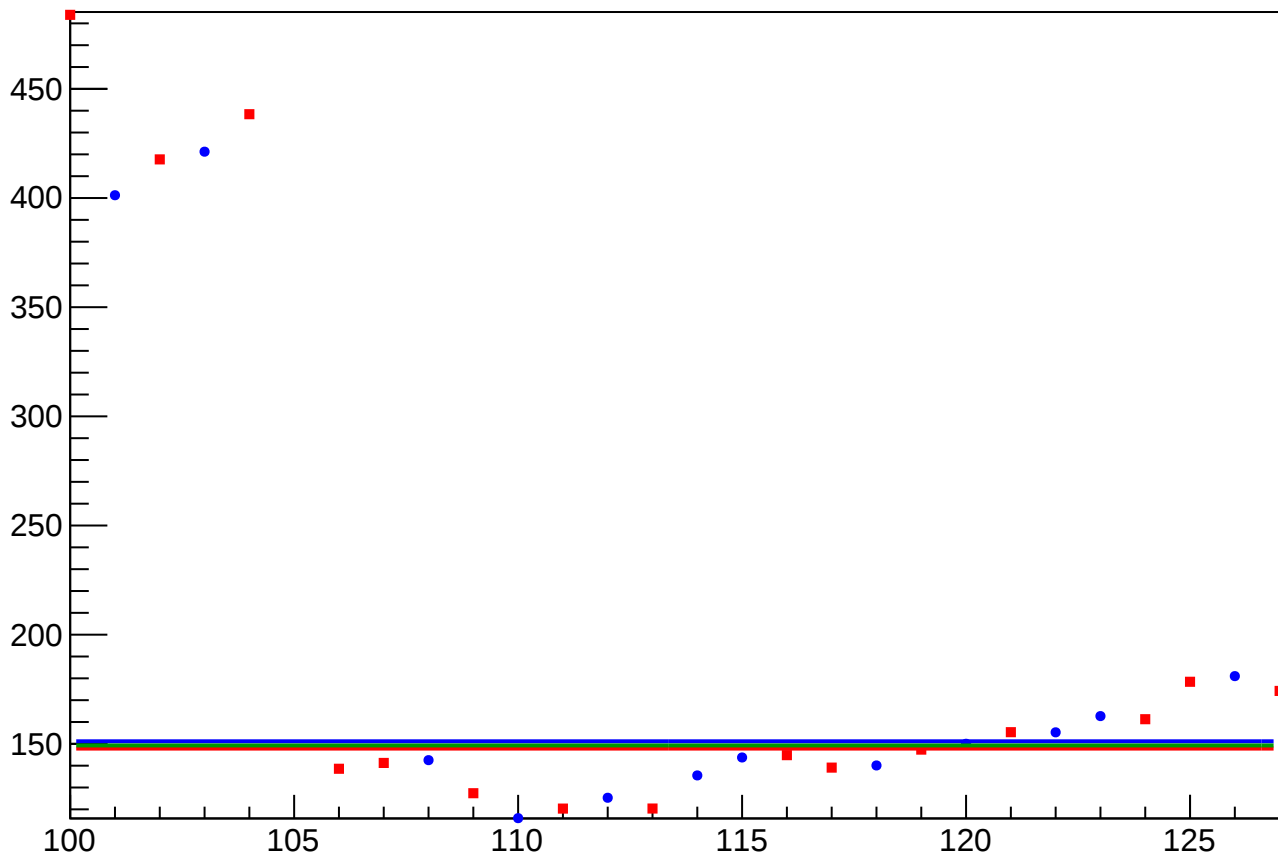
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155185.917 $\pm$ 0.079 χ^2 /NDF: 176166715.8/11

155066.820 $\pm$ 0.052 χ^2 /NDF: 446591904

154976.447 $\pm$ 0.069 χ^2 /NDF: 266437149.6/14

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 151.162+/-0.056 χ^2/NDF : 1054692.1/11

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

Right Out: 147.832+/-0.049 χ^2/NDF : 1116400.0/14

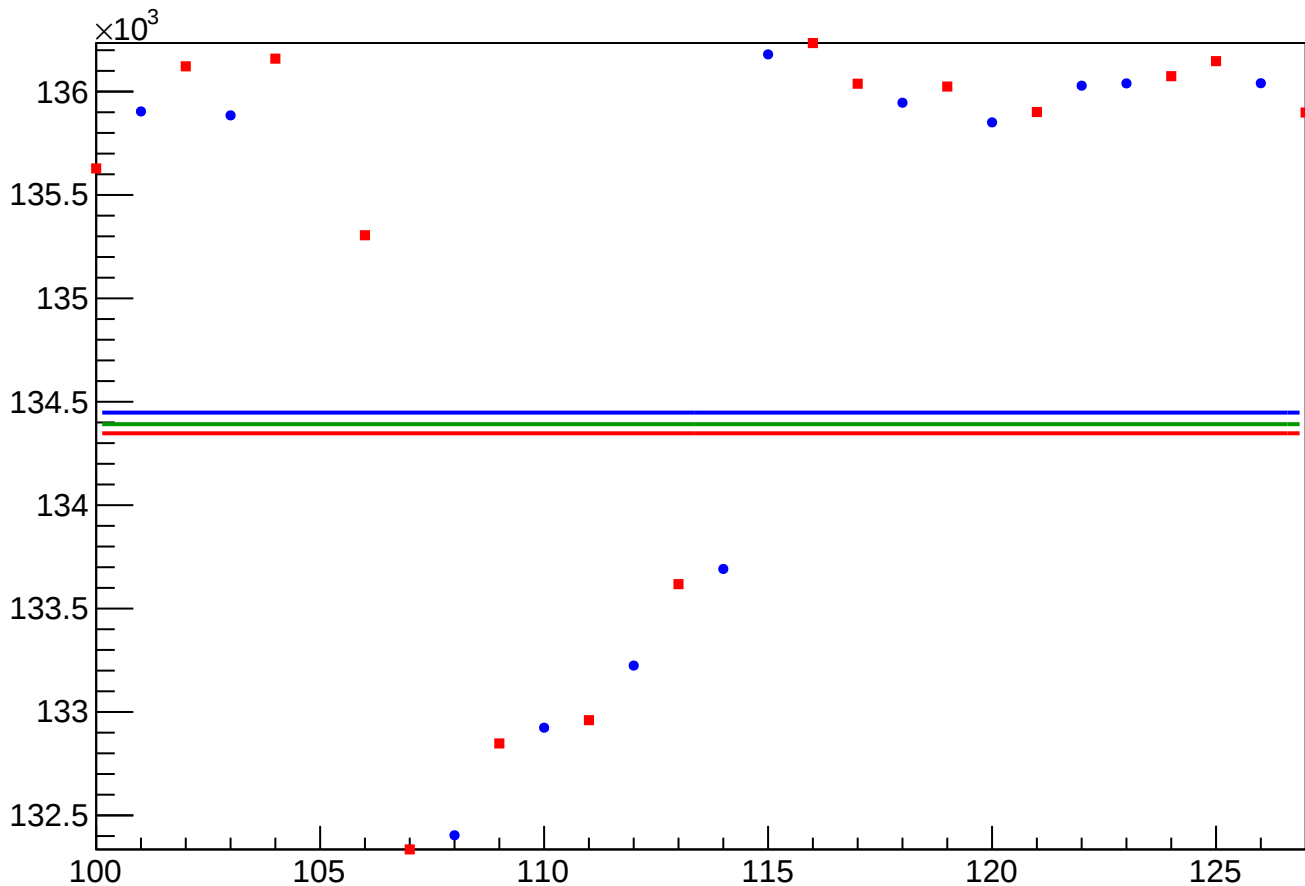
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.162+/-0.056 χ^2/NDF : 1054692.1/11

149.269+/-0.037 χ^2/NDF : 2173108.7/26

147.832+/-0.049 χ^2/NDF : 1116400.0/14

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134447.590 $\pm$ 0.060 χ^2 /NDF: 641615428.7/11

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

Right Out: 134347.518 $\pm$ 0.053 χ^2 /NDF: 793163329.0/14

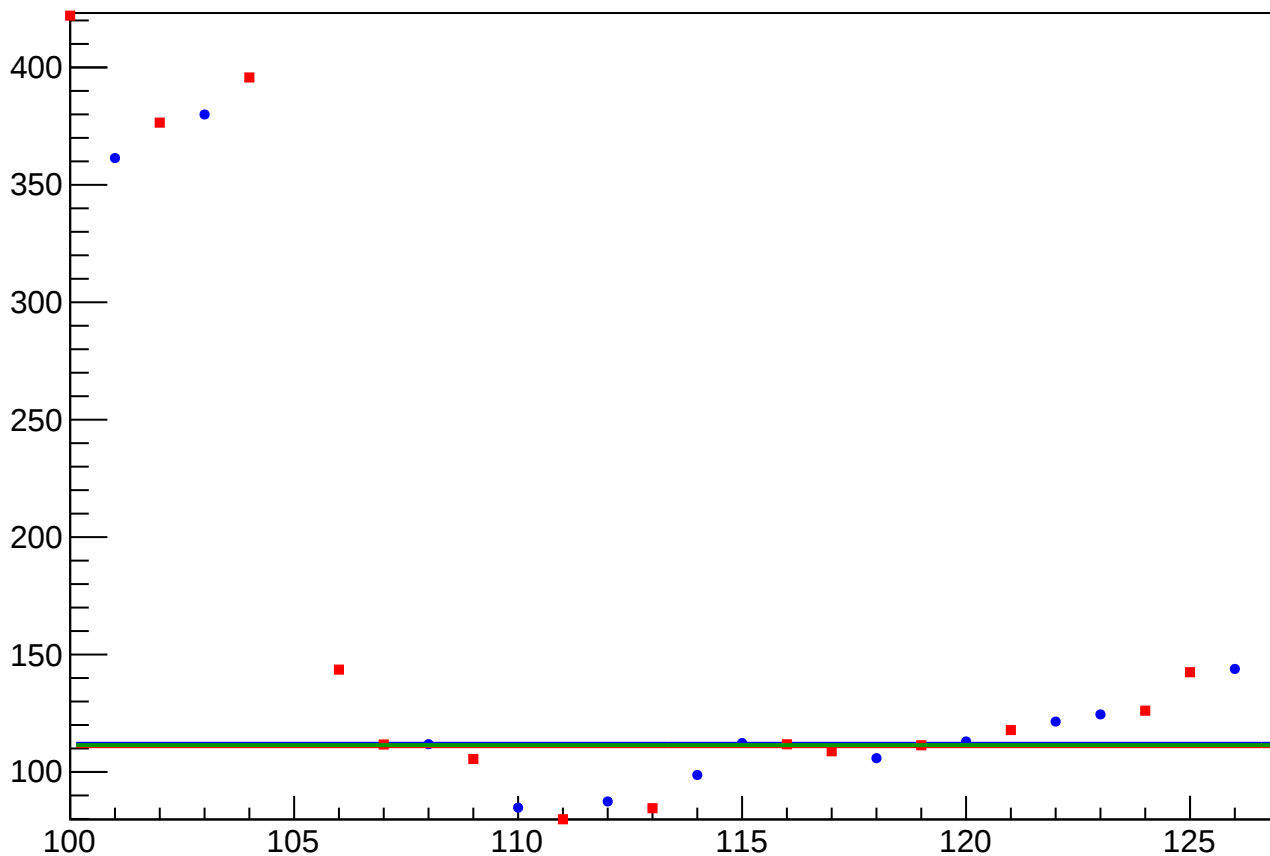
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134447.590 $\pm$ 0.060 χ^2 /NDF: 641615428.7/11

134391.715 $\pm$ 0.040 χ^2 /NDF: 143634377

134347.518 $\pm$ 0.053 χ^2 /NDF: 793163329.0/14

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 111.996 $\pm$ 0.042 χ^2 /NDF: 1307807.3/11

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

Right Out: 110.989 $\pm$ 0.038 χ^2 /NDF: 1432104.0/14

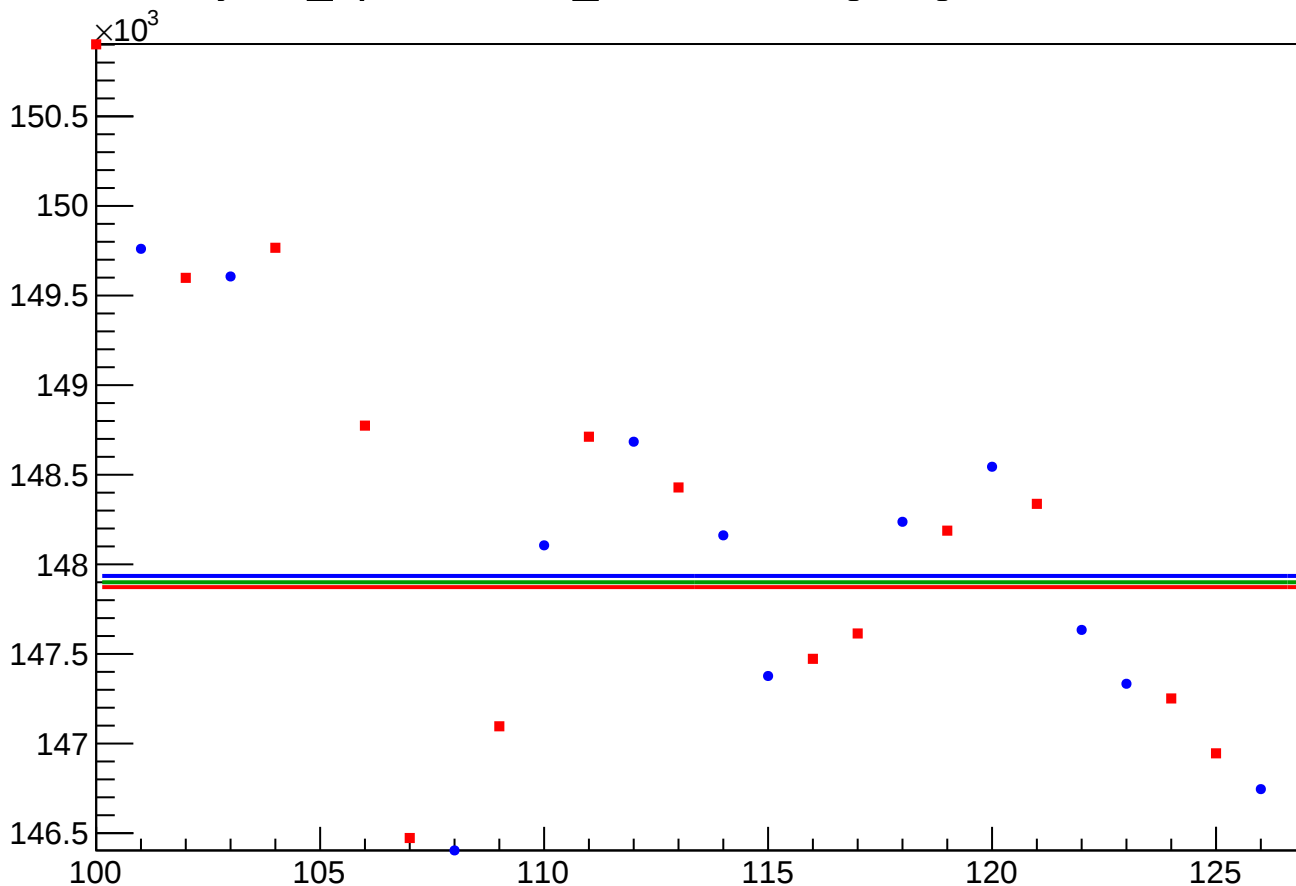
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

111.996 $\pm$ 0.042 χ^2 /NDF: 1307807.3/11

111.434 $\pm$ 0.028 χ^2 /NDF: 2740227.9/26

110.989 $\pm$ 0.038 χ^2 /NDF: 1432104.0/14

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147935.334 $\pm$ 0.075 χ^2 /NDF: 125822471.7/11

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

Right Out: 147872.897 $\pm$ 0.066 χ^2 /NDF: 163908617.7/14

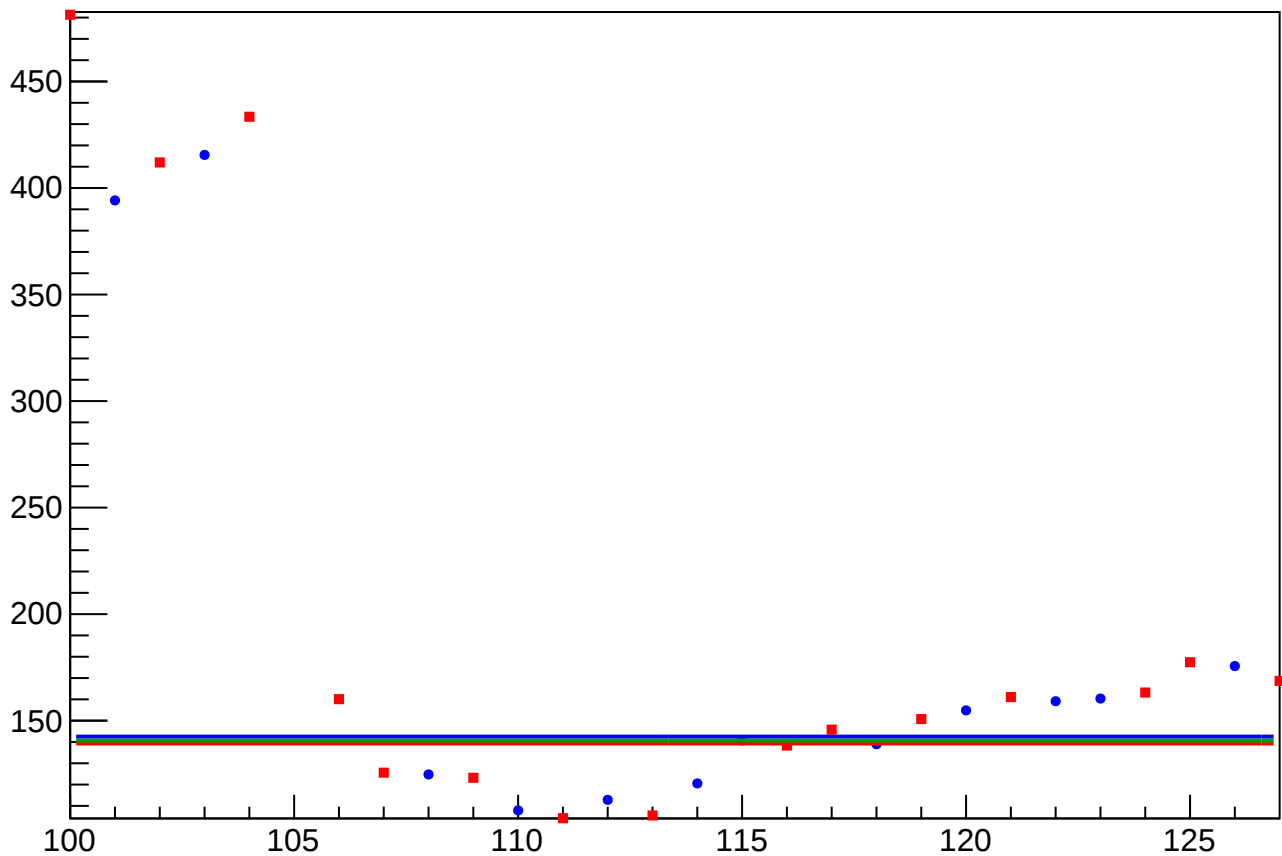
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147935.334 $\pm$ 0.075 χ^2 /NDF: 125822471.7/11

147900.000 $\pm$ 0.050 χ^2 /NDF: 290120990

147872.897 $\pm$ 0.066 χ^2 /NDF: 163908617.7/14

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 142.522+/-0.053 χ^2/NDF : 1159860.0/11

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

Right Out: 139.285+/-0.047 χ^2/NDF : 1301799.8/14

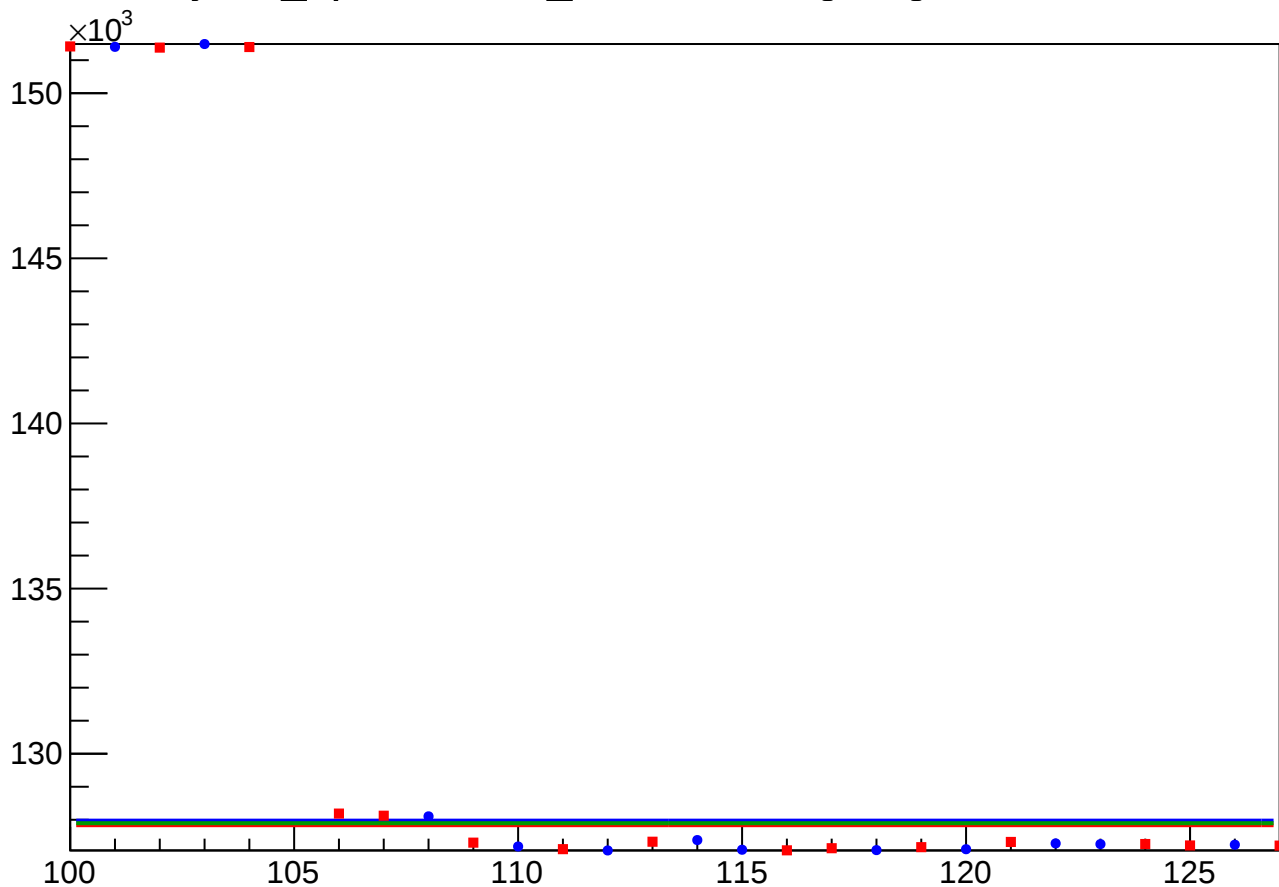
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.522+/-0.053 χ^2/NDF : 1159860.0/11

140.690+/-0.035 χ^2/NDF : 2463756.1/26

139.285+/-0.047 χ^2/NDF : 1301799.8/14

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127973.427 $\pm$ 0.064 χ^2 /NDF: 4166655575.8/11

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

Right Out: 127835.893 $\pm$ 0.056 χ^2 /NDF: 3647683245.4/14

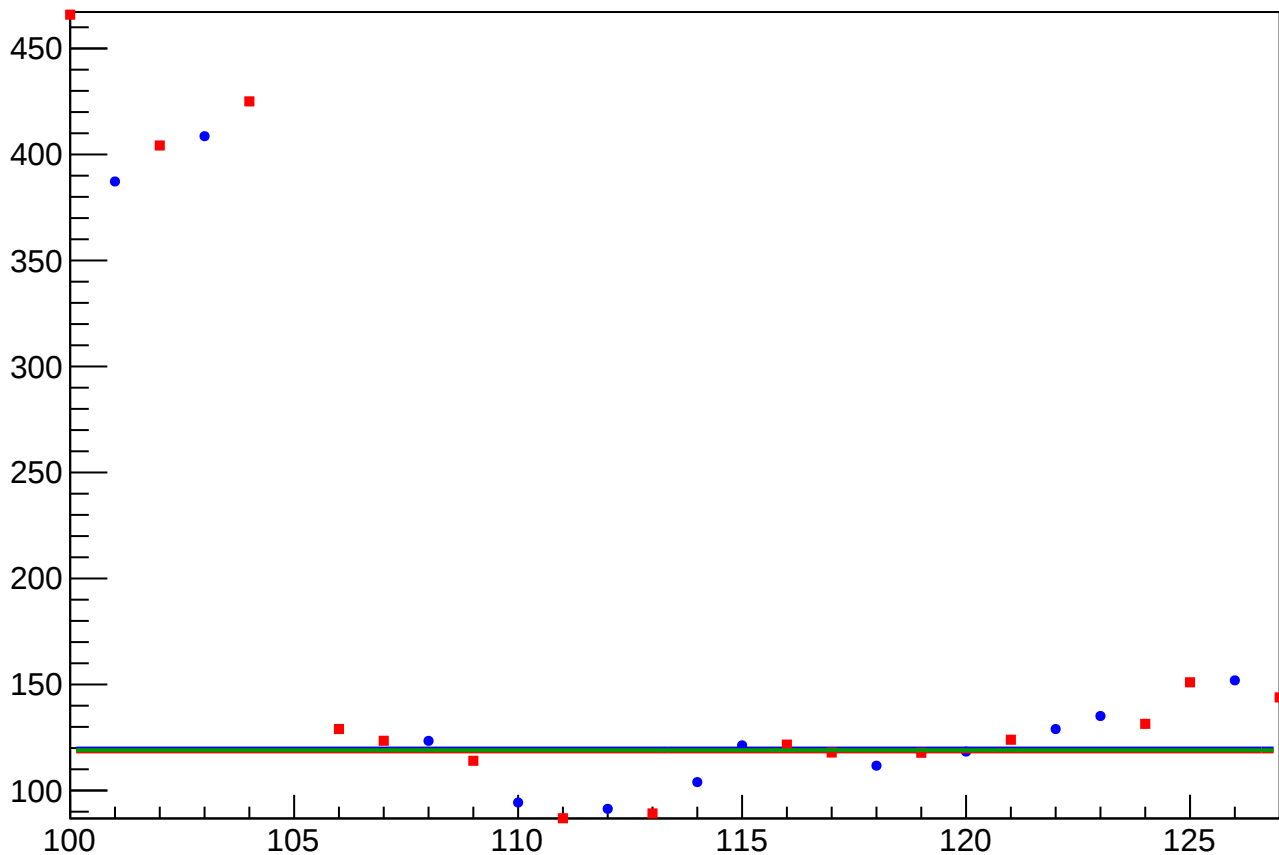
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127973.427 $\pm$ 0.064 χ^2 /NDF: 4166655575.8/11

127895.872 $\pm$ 0.042 χ^2 /NDF: 781694731

127835.893 $\pm$ 0.056 χ^2 /NDF: 3647683245.4/14

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.772 $\pm$ 0.045 χ^2 /NDF: 1304698.8/11

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

Right Out: 118.430 $\pm$ 0.040 χ^2 /NDF: 1403530.6/14

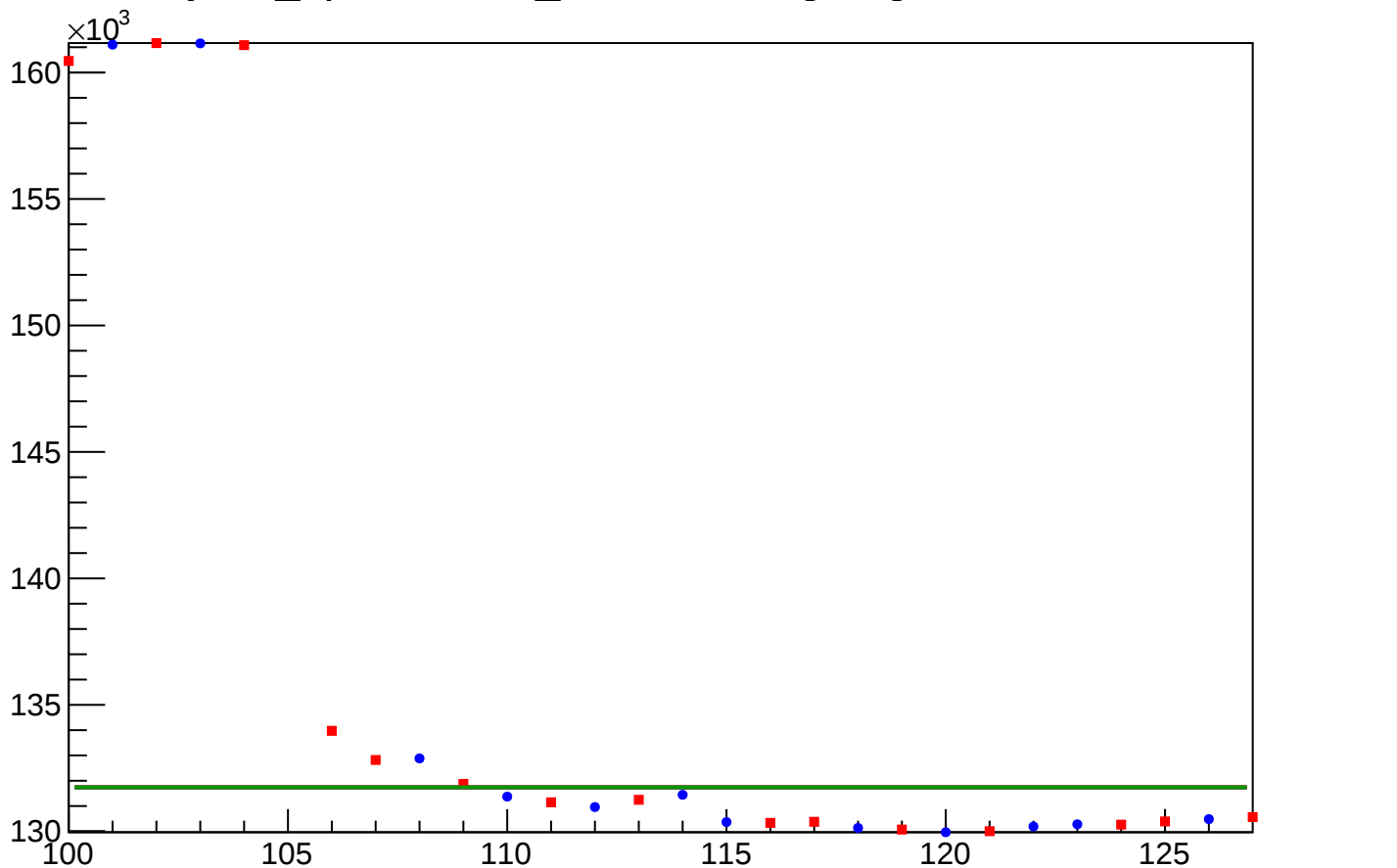
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.772 $\pm$ 0.045 χ^2 /NDF: 1304698.8/11

119.015 $\pm$ 0.030 χ^2 /NDF: 2708725.8/26

118.430 $\pm$ 0.040 χ^2 /NDF: 1403530.6/14

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131734.746 $\pm$ 0.067 χ^2 /NDF: 5988508397.5/11

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

Right Out: 131743.532 $\pm$ 0.059 χ^2 /NDF: 5353841787.2/14

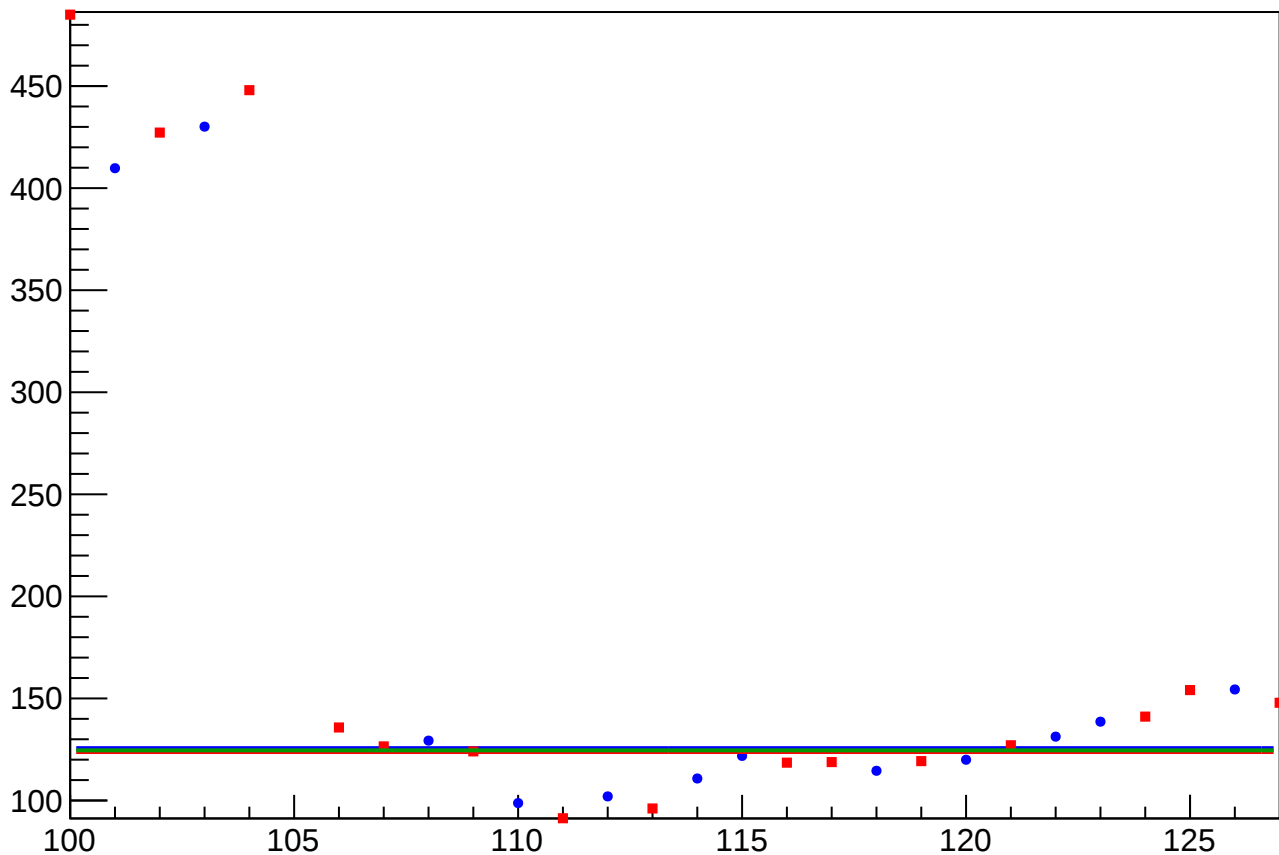
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131734.746 $\pm$ 0.067 χ^2 /NDF: 5988508397.5/11

131739.712 $\pm$ 0.044 χ^2 /NDF: 113423599

131743.532 $\pm$ 0.059 χ^2 /NDF: 5353841787.2/14

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 125.647+/-0.047 χ^2/NDF : 1270524.0/11

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

Right Out: 123.753+/-0.041 χ^2/NDF : 1378310.2/14

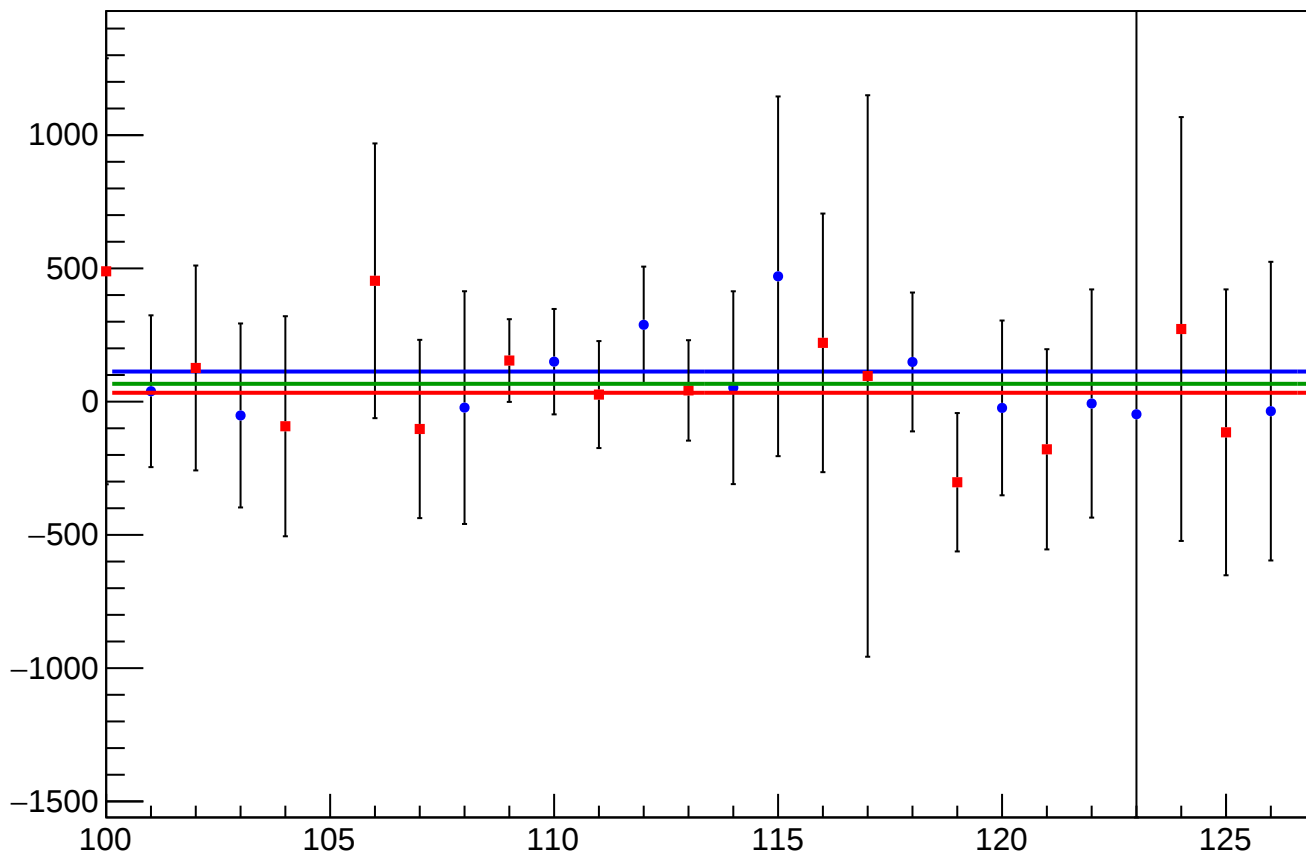
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.647+/-0.047 χ^2/NDF : 1270524.0/11

124.576+/-0.031 χ^2/NDF : 2649740.8/26

123.753+/-0.041 χ^2/NDF : 1378310.2/14

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 112.989 $\pm$ 93.075 χ^2 /NDF: 1.7/11

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

Right Out: 33.272 $\pm$ 79.537 χ^2 /NDF: 4.2/14

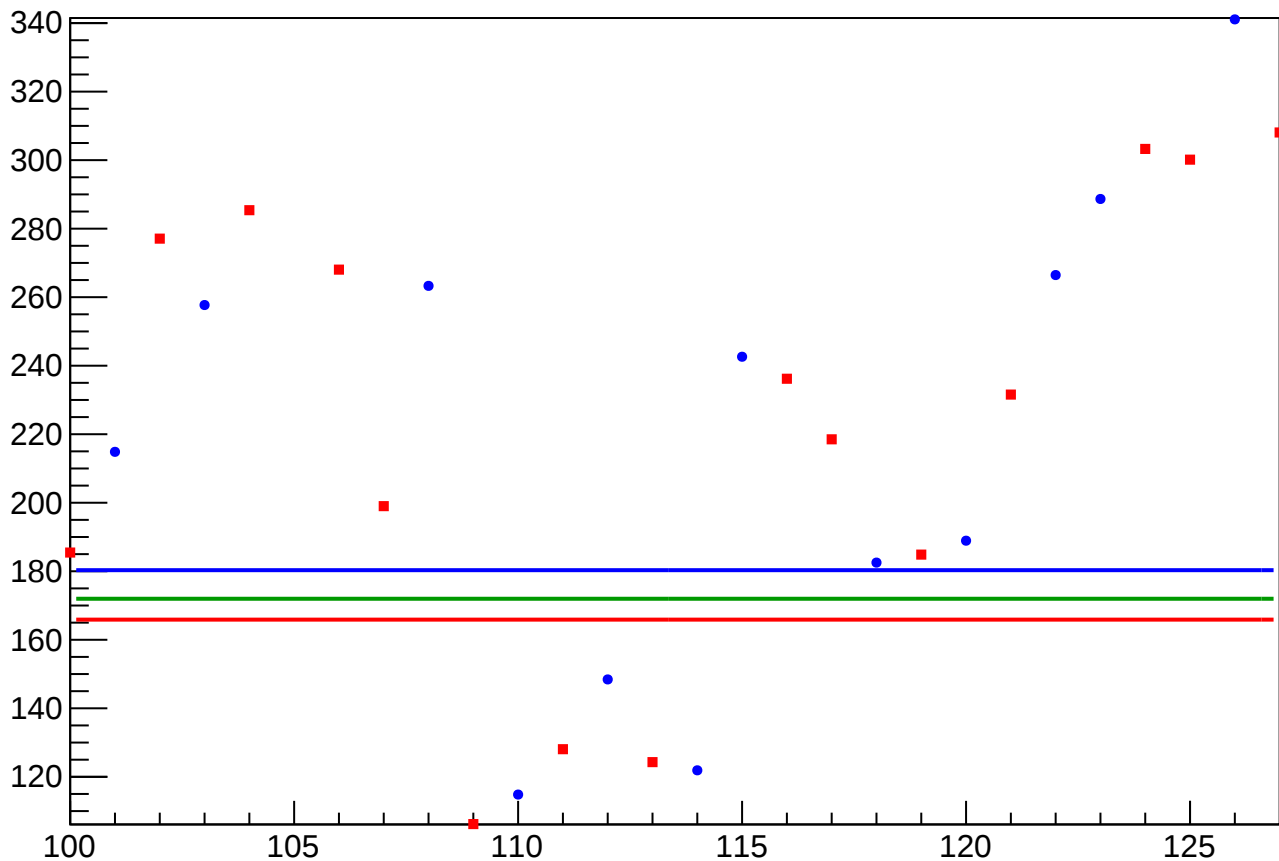
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

112.989 $\pm$ 93.075 χ^2 /NDF: 1.7/11

66.916 $\pm$ 60.466 χ^2 /NDF: 6.4/26

33.272 $\pm$ 79.537 χ^2 /NDF: 4.2/14

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 180.318+/-0.066 χ^2/NDF : 790695.1/11

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

Right Out: 165.885+/-0.056 χ^2/NDF : 1386085.4/14

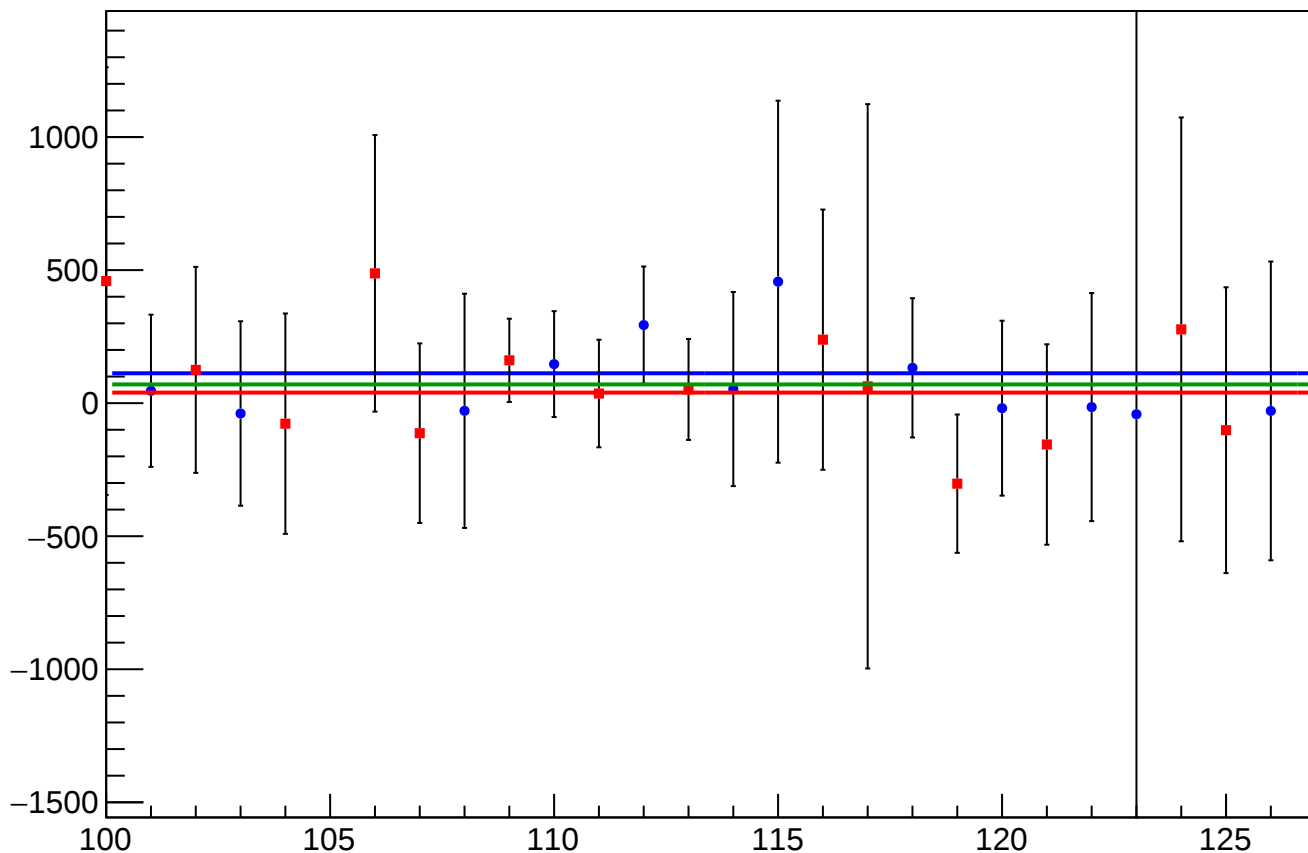
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.318+/-0.066 χ^2/NDF : 790695.1/11

171.976+/-0.043 χ^2/NDF : 2204576.3/26

165.885+/-0.056 χ^2/NDF : 1386085.4/14

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 112.292 $\pm$ 93.570 χ^2 /NDF: 1.7/11

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

Right Out: 39.739 $\pm$ 80.033 χ^2 /NDF: 4.3/14

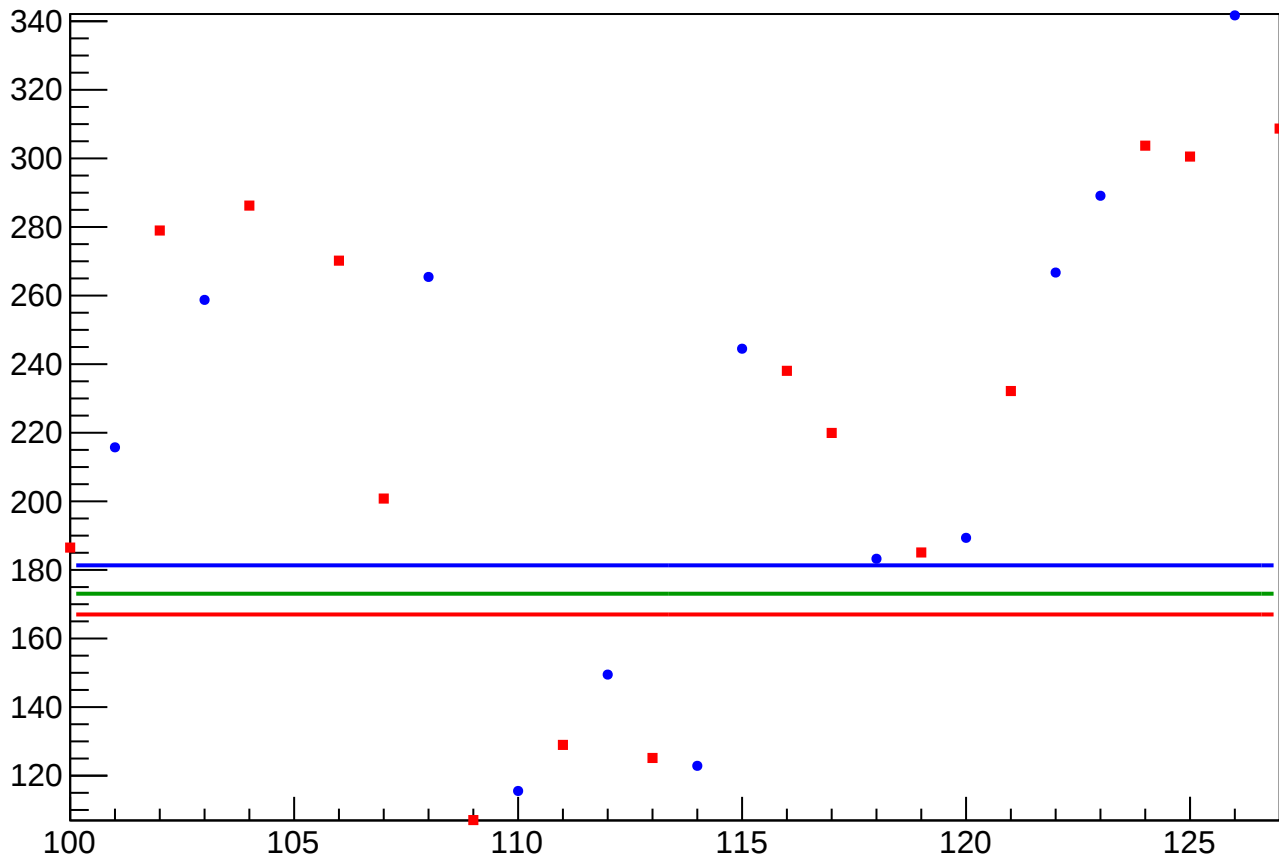
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

112.292 $\pm$ 93.570 χ^2 /NDF: 1.7/11

70.392 $\pm$ 60.820 χ^2 /NDF: 6.3/26

39.739 $\pm$ 80.033 χ^2 /NDF: 4.3/14

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 181.334+/-0.066 χ^2/NDF : 784832.3/11

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

Right Out: 167.010+/-0.057 χ^2/NDF : 1376082.3/14

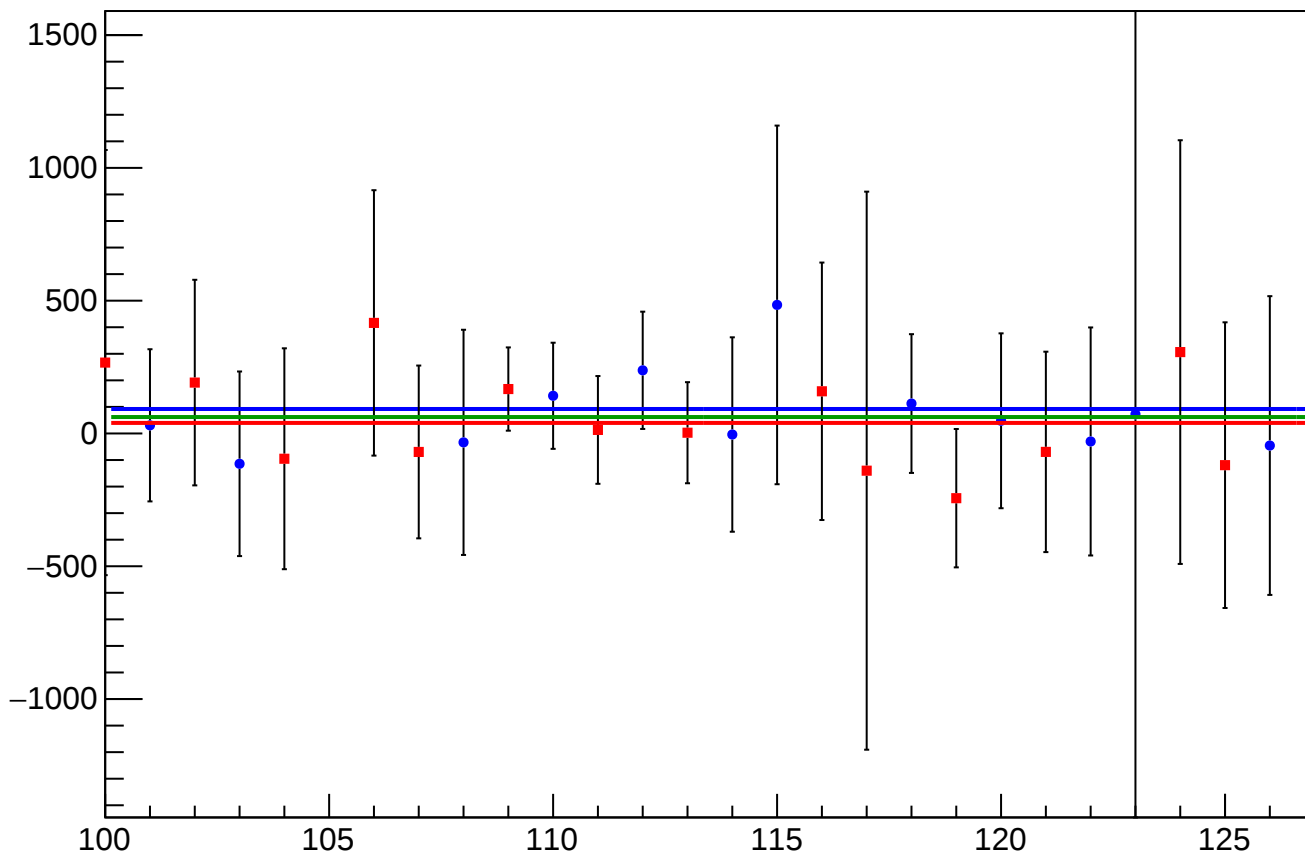
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.334+/-0.066 χ^2/NDF : 784832.3/11

173.062+/-0.043 χ^2/NDF : 2187983.2/26

167.010+/-0.057 χ^2/NDF : 1376082.3/14

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 92.173 ± 93.601 χ^2/NDF : 1.6/11

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

Right Out: 39.723 ± 79.932 χ^2/NDF : 3.3/14

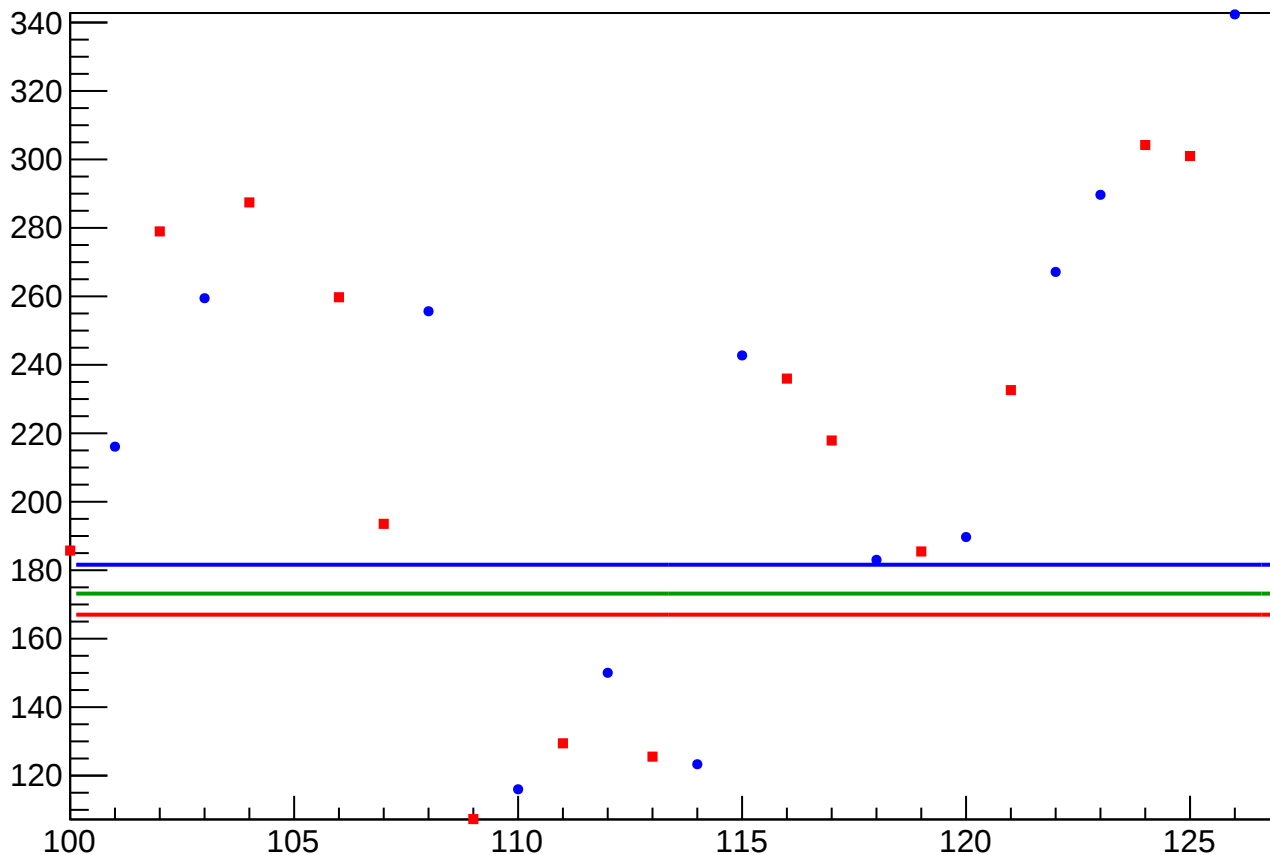
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

92.173 ± 93.601 χ^2/NDF : 1.6/11

61.842 ± 60.784 χ^2/NDF : 5.0/26

39.723 ± 79.932 χ^2/NDF : 3.3/14

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 181.608 $\pm$ 0.066 χ^2 /NDF: 768048.6/11

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

Right Out: 167.019 $\pm$ 0.057 χ^2 /NDF: 1353656.4/14

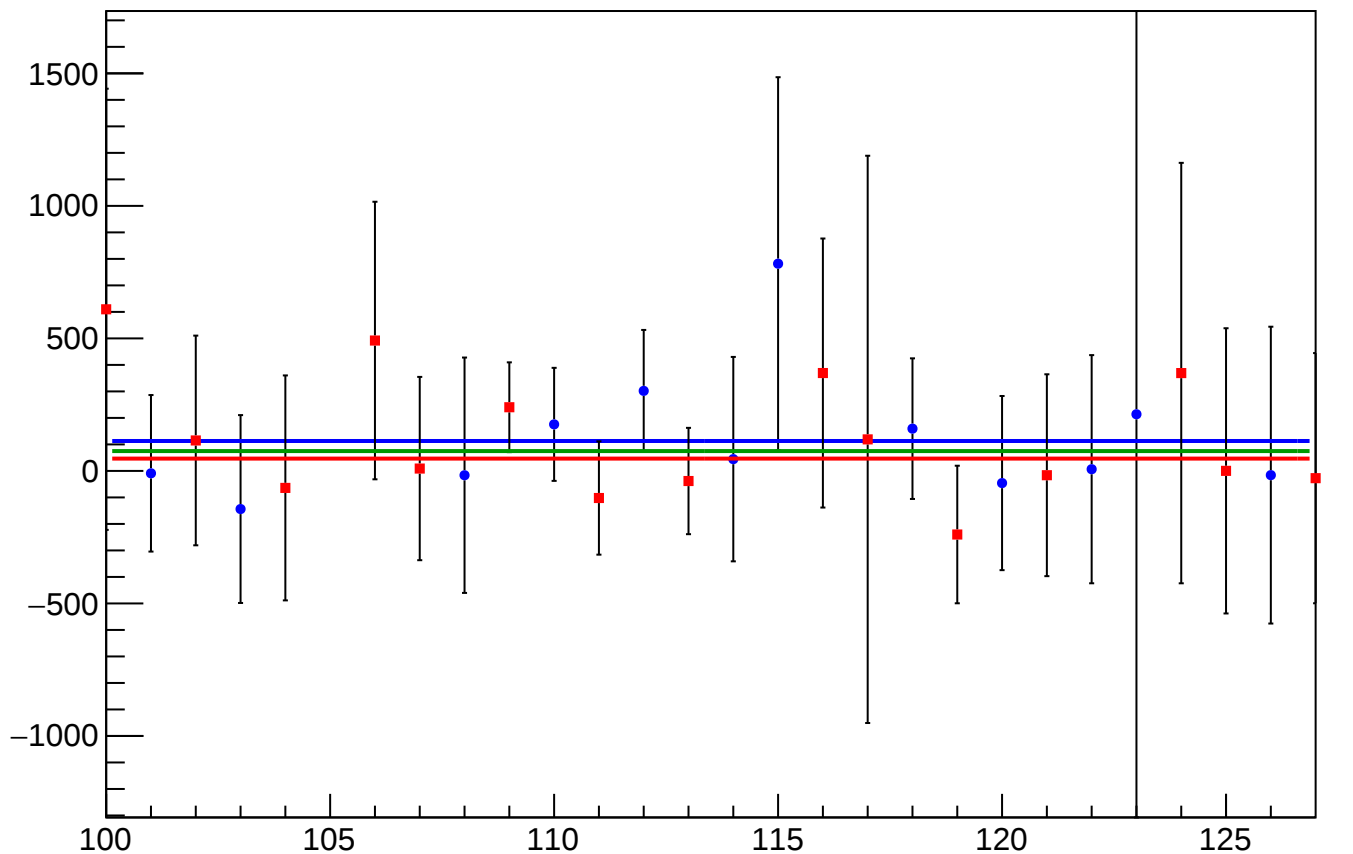
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

181.608 $\pm$ 0.066 χ^2 /NDF: 768048.6/11

173.171 $\pm$ 0.043 χ^2 /NDF: 2149800.0/26

167.019 $\pm$ 0.057 χ^2 /NDF: 1353656.4/14

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 112.921+/-96.835 χ^2/NDF : 2.9/11

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

Right Out: 46.503+/-83.616 χ^2/NDF : 5.1/14

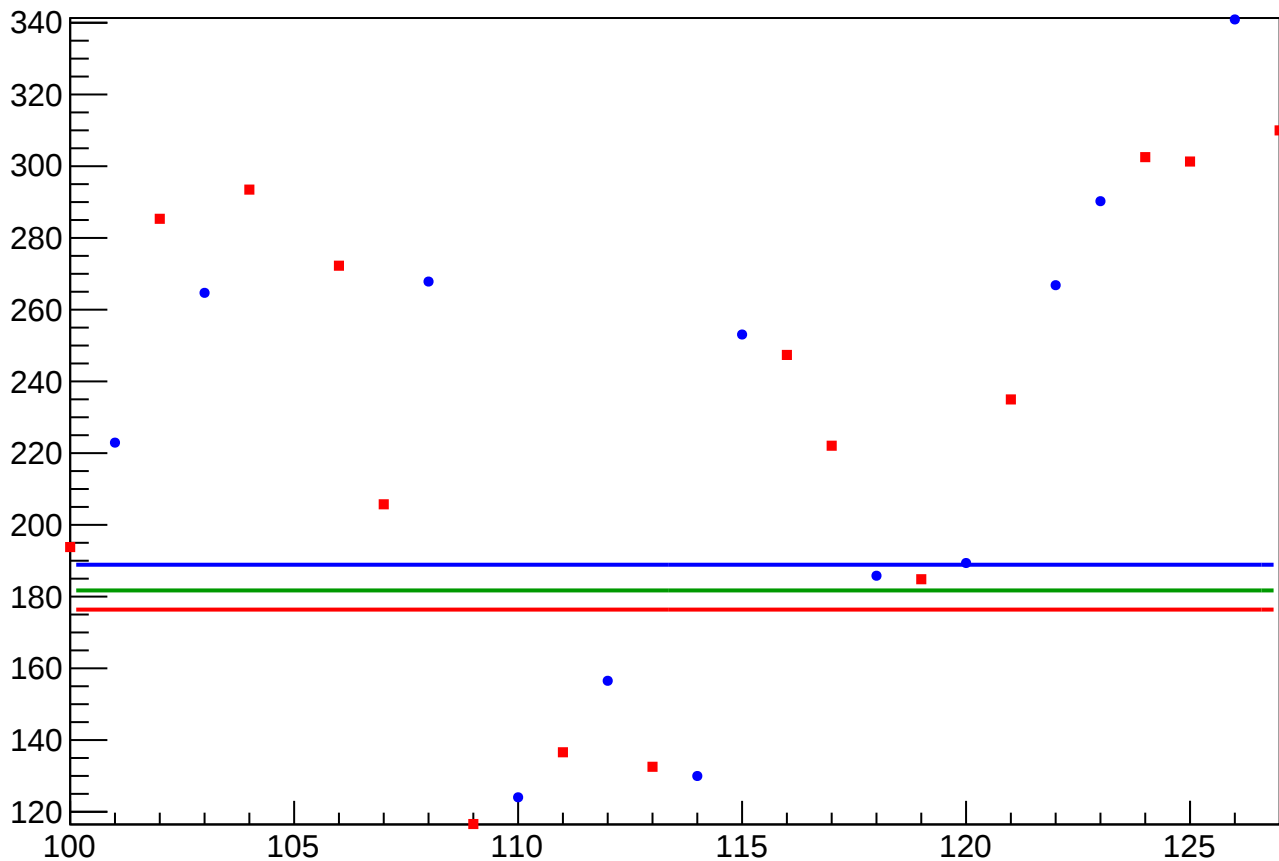
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.921+/-96.835 χ^2/NDF : 2.9/11

74.872+/-63.287 χ^2/NDF : 8.2/26

46.503+/-83.616 χ^2/NDF : 5.1/14

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 188.884+/-0.068 χ^2/NDF : 691373.7/11

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

Right Out: 176.375+/-0.059 χ^2/NDF : 1211335.1/14

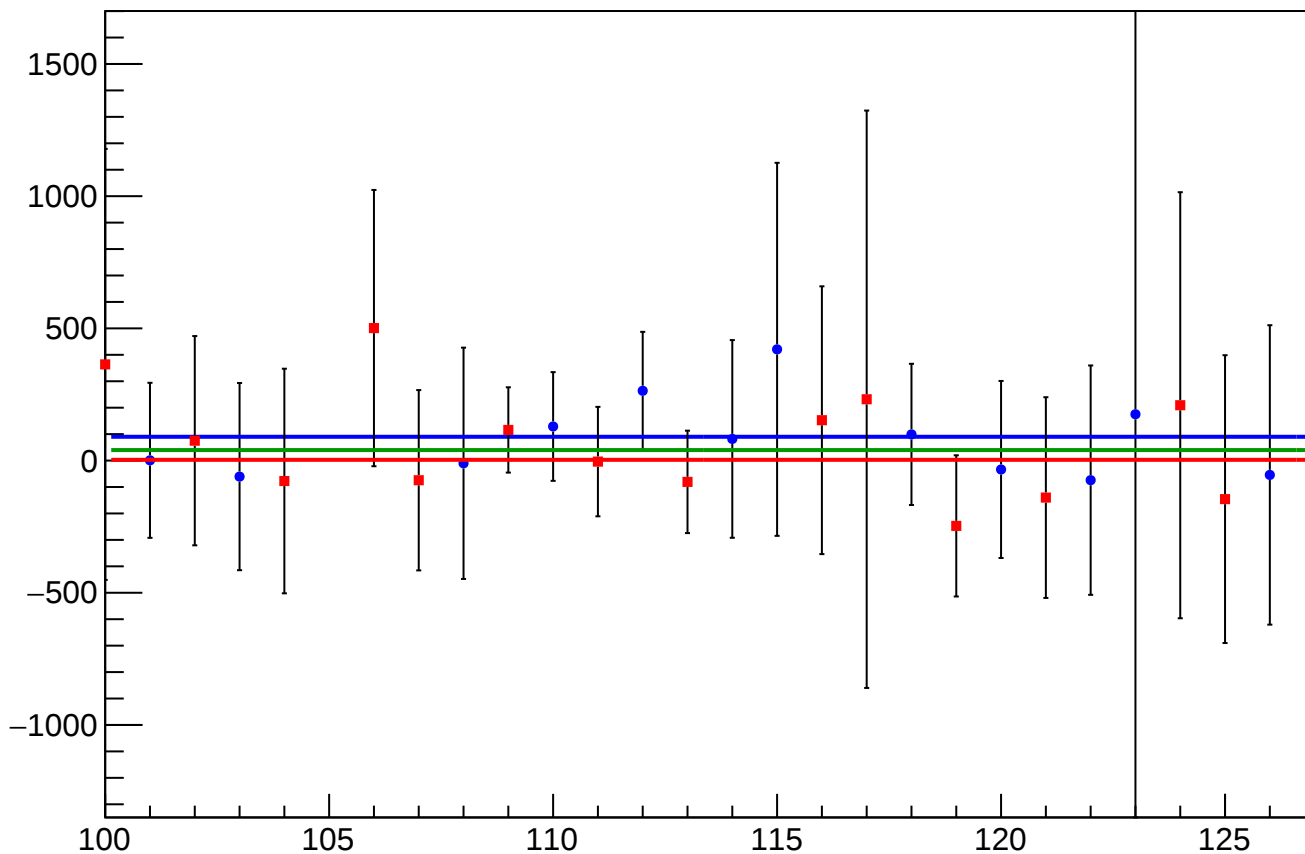
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

188.884+/-0.068 χ^2/NDF : 691373.7/11

181.718+/-0.045 χ^2/NDF : 1921827.7/26

176.375+/-0.059 χ^2/NDF : 1211335.1/14

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 90.026+/-95.526 χ^2/NDF : 1.5/11

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

Right Out: 2.830+/-81.875 χ^2/NDF : 3.2/14

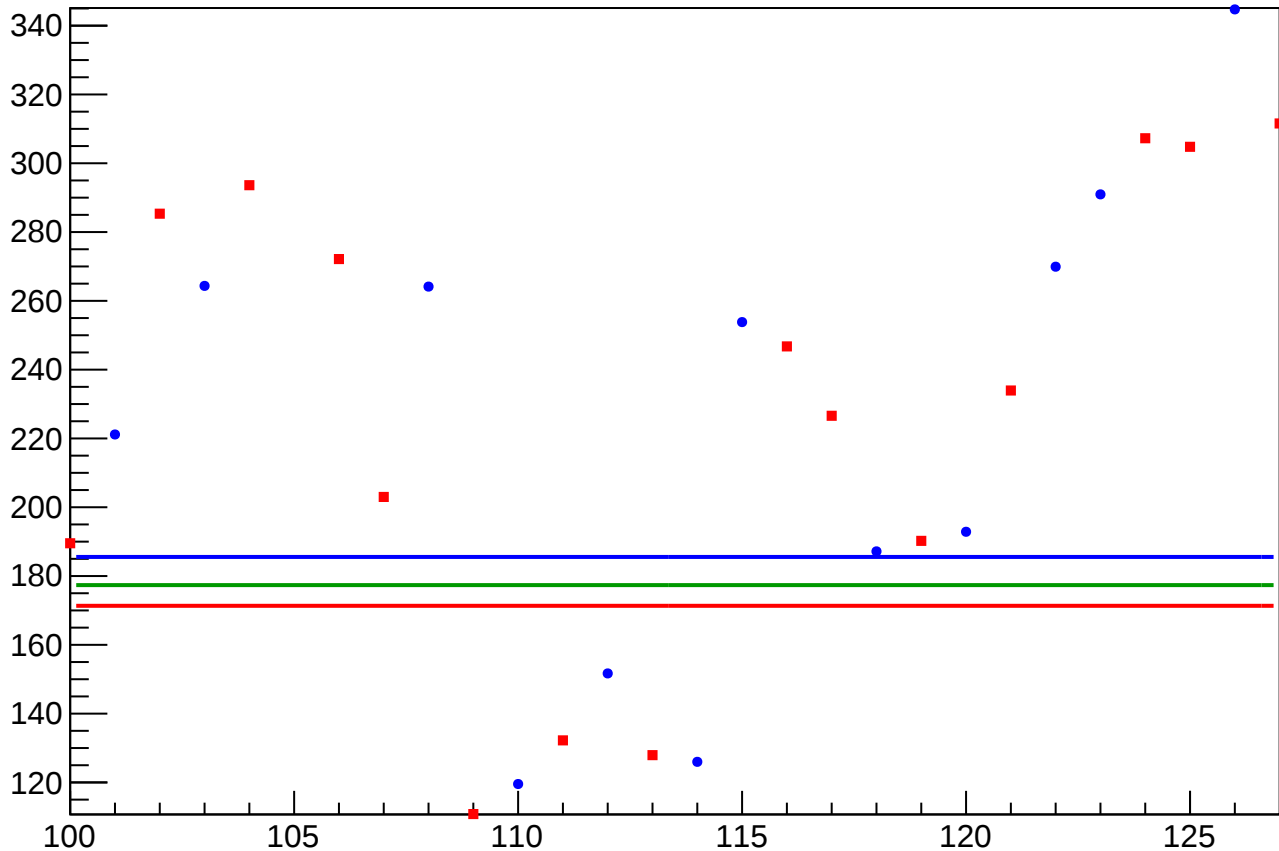
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.026+/-95.526 χ^2/NDF : 1.5/11

39.758+/-62.165 χ^2/NDF : 5.2/26

2.830+/-81.875 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 185.553+/-0.068 χ^2/NDF : 759203.1/11

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

Right Out: 171.348+/-0.058 χ^2/NDF : 1343730.4/14

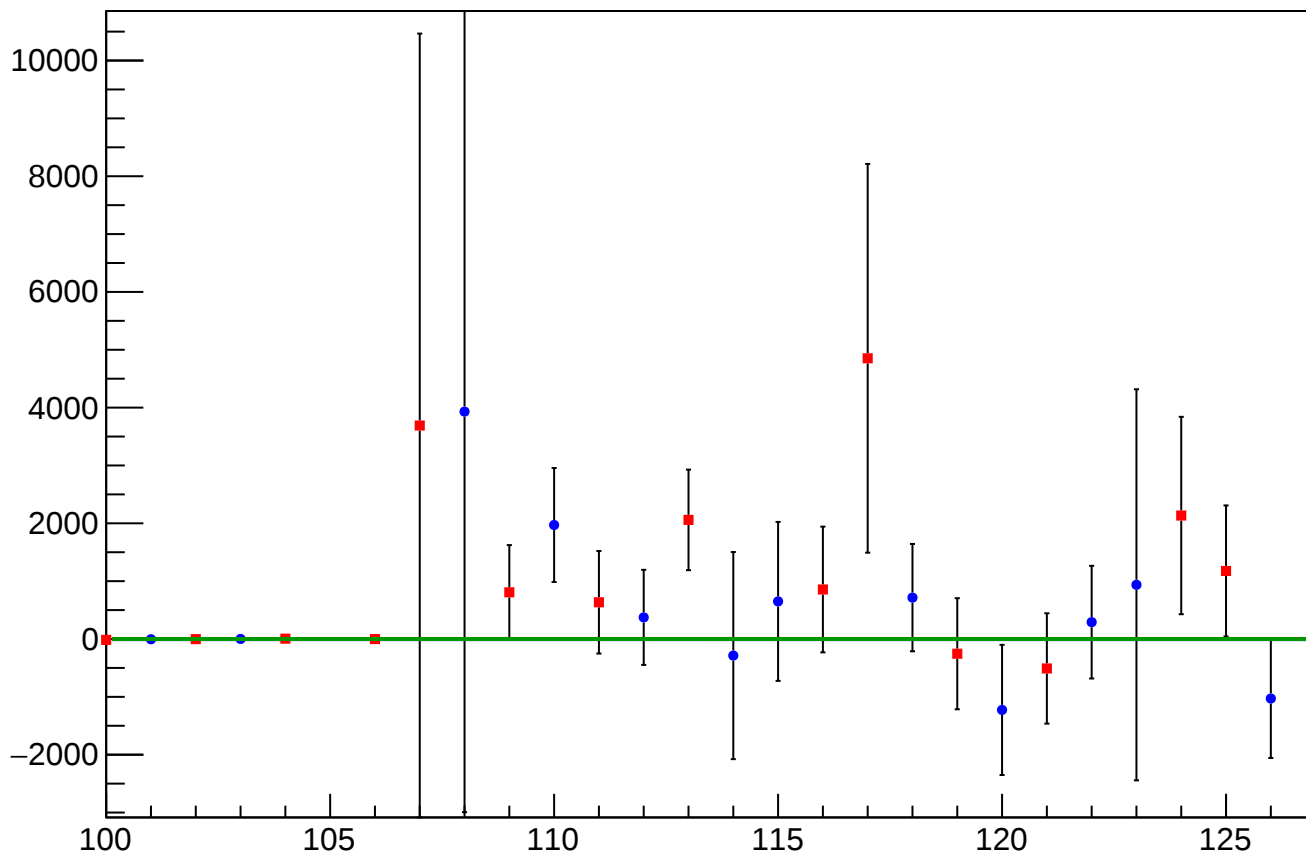
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

185.553+/-0.068 χ^2/NDF : 759203.1/11

177.364+/-0.044 χ^2/NDF : 2128431.5/26

171.348+/-0.058 χ^2/NDF : 1343730.4/14

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.509+/-2.251 χ^2/NDF : 9.0/11

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

Right Out: 0.744+/-2.111 χ^2/NDF : 19.4/14

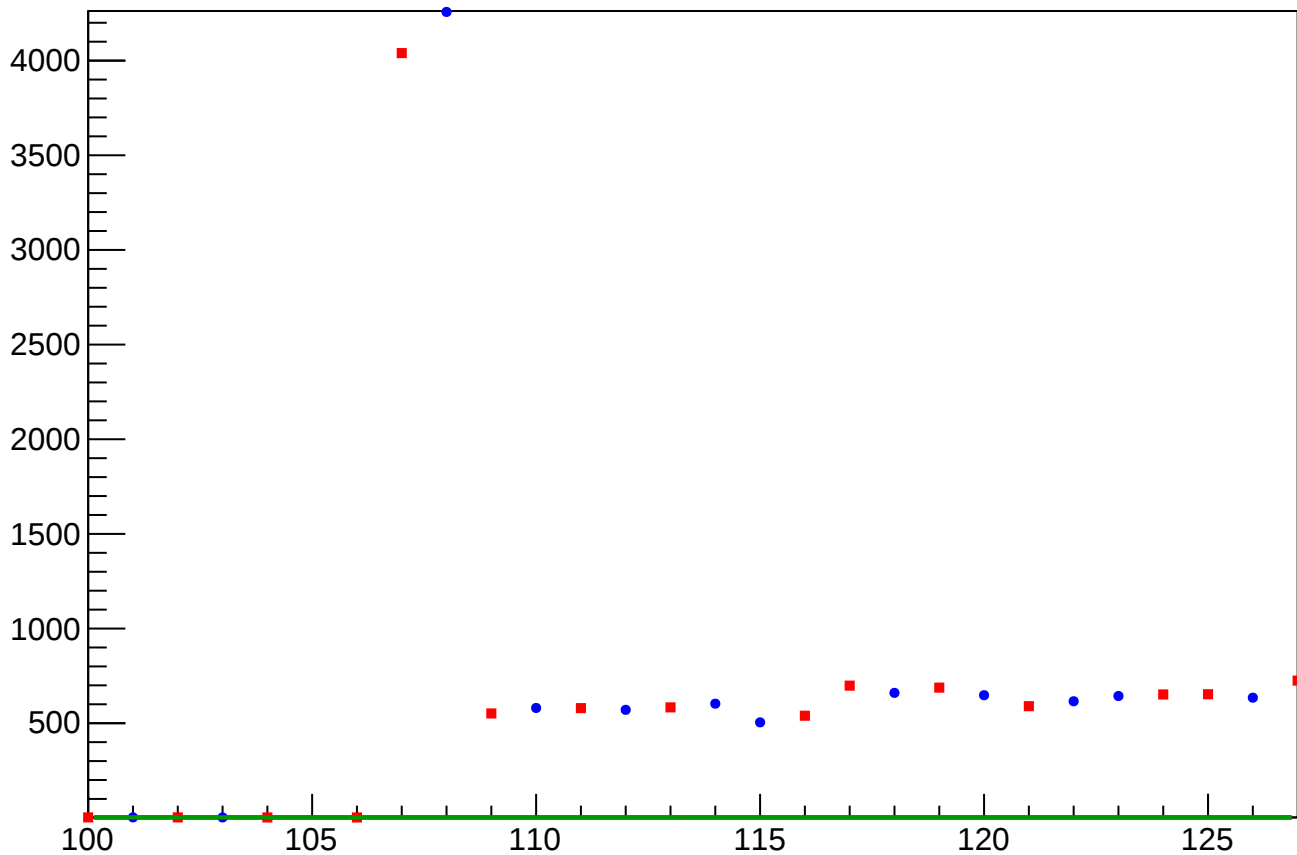
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.509+/-2.251 χ^2/NDF : 9.0/11

-0.310+/-1.540 χ^2/NDF : 28.9/26

0.744+/-2.111 χ^2/NDF : 19.4/14

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.433+/-0.002 χ^2/NDF : 6189856.2/11

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

Right Out: 2.421+/-0.001 χ^2/NDF : 7483375.1/14

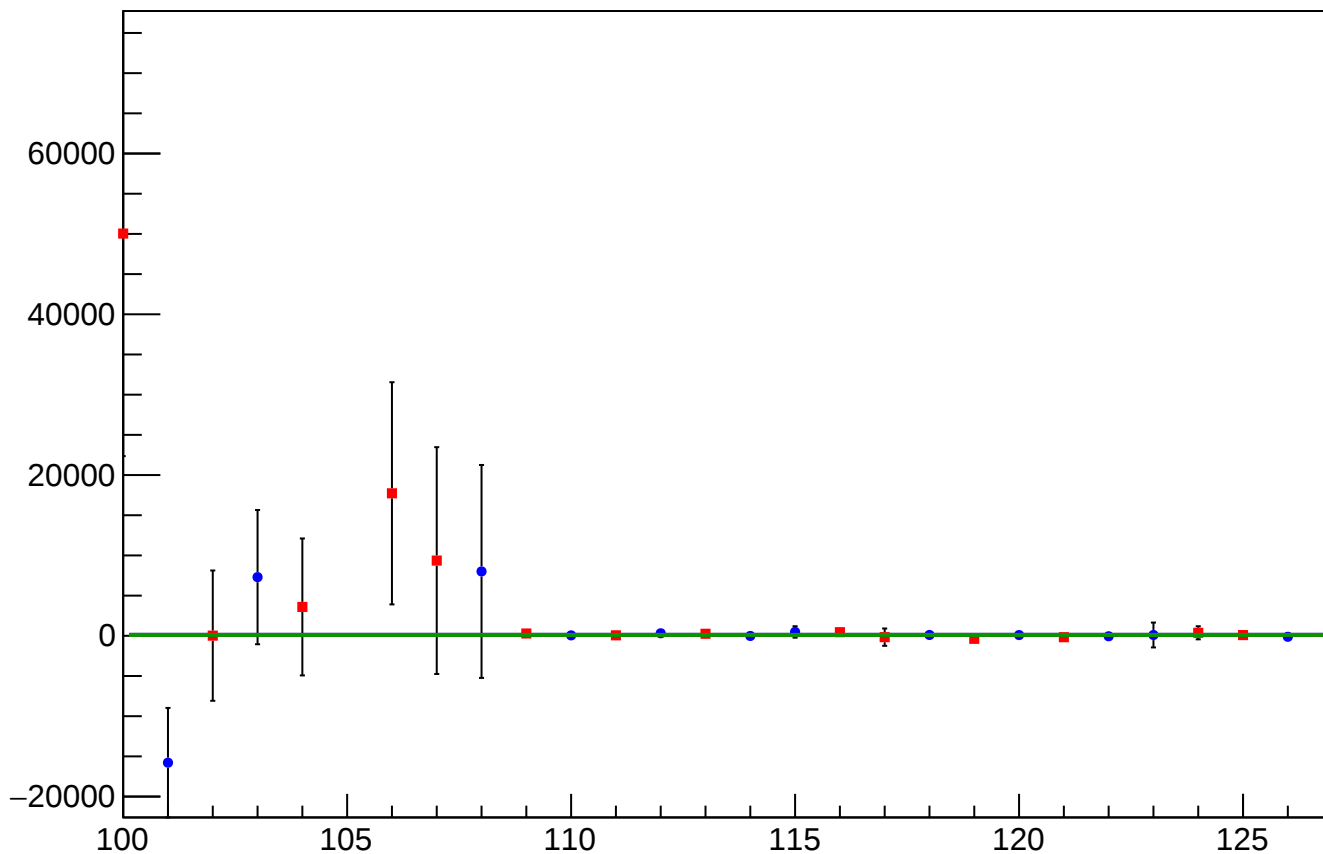
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.433+/-0.002 χ^2/NDF : 6189856.2/11

2.427+/-0.001 χ^2/NDF : 13673265.3/26

2.421+/-0.001 χ^2/NDF : 7483375.1/14

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 118.063+/-111.408 χ^2/NDF : 8.1/11

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

Right Out: 106.983+/-100.484 χ^2/NDF : 10.6/14

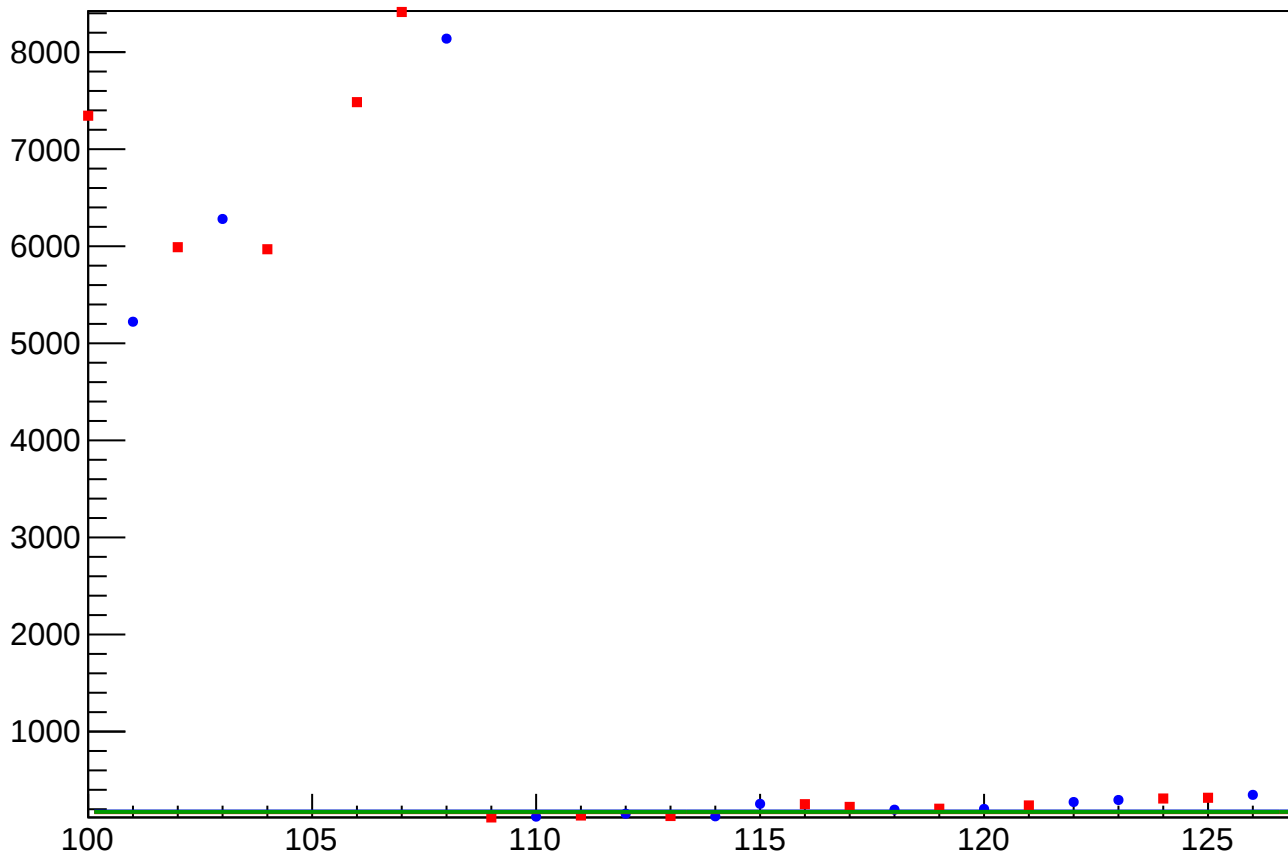
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.063+/-111.408 χ^2/NDF : 8.1/11

111.953+/-74.617 χ^2/NDF : 18.8/26

106.983+/-100.484 χ^2/NDF : 10.6/14

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 175.953+/-0.079 χ^2/NDF : 3403463.6/11

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

Right Out: 169.701+/-0.071 χ^2/NDF : 4116694.1/14

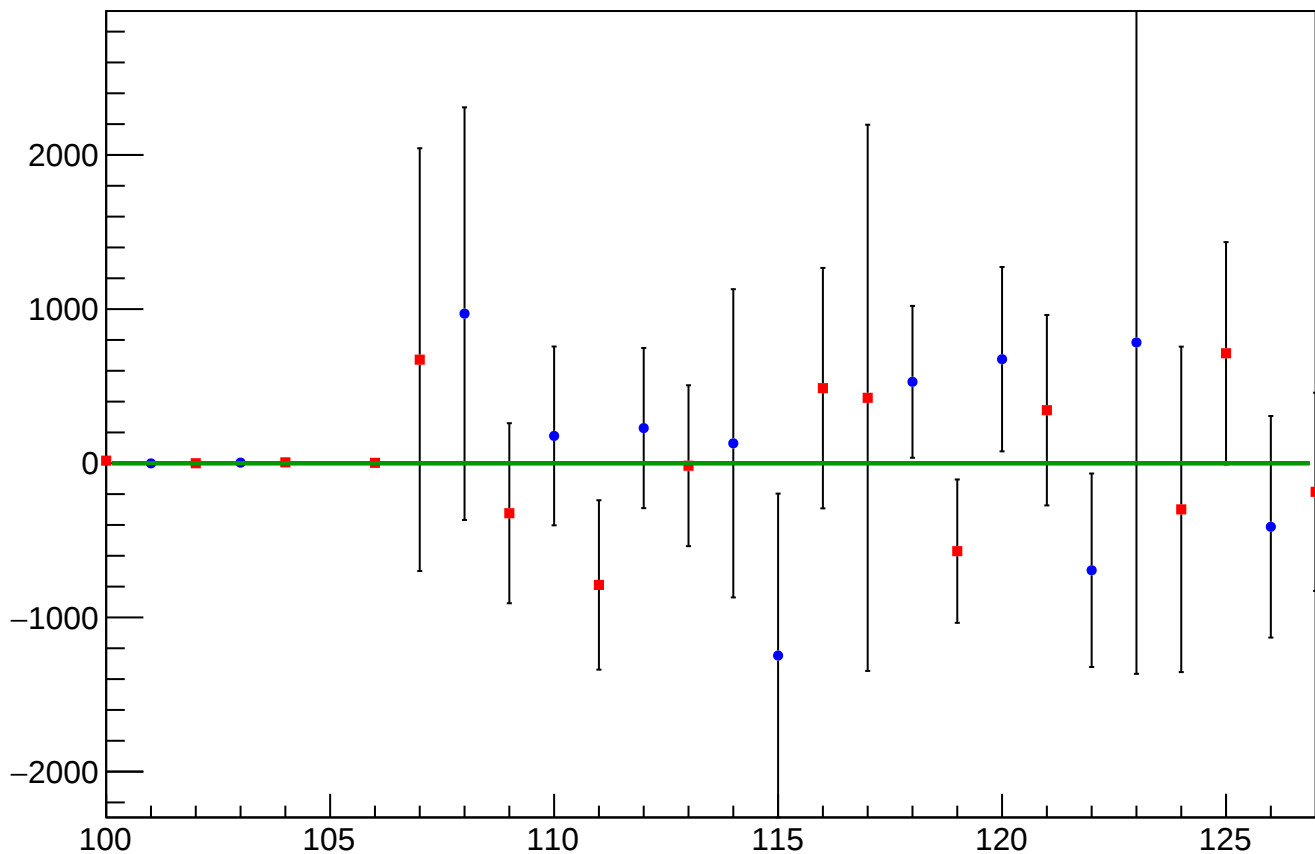
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.953+/-0.079 χ^2/NDF : 3403463.6/11

172.506+/-0.053 χ^2/NDF : 7523630.7/26

169.701+/-0.071 χ^2/NDF : 4116694.1/14

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.152+/-1.737 χ^2 /NDF: 7.2/11

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

Right Out: 1.325+/-1.623 χ^2 /NDF: 8.8/14

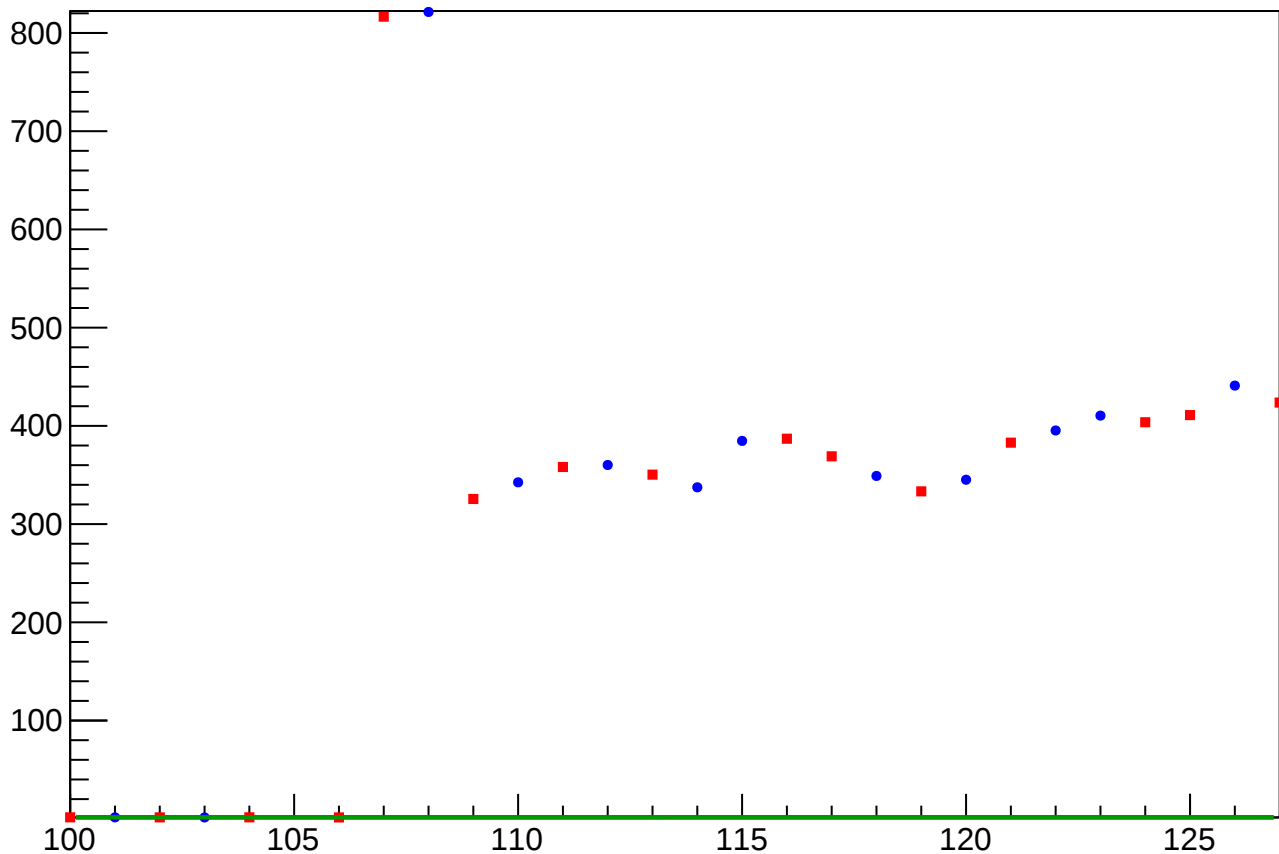
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.152+/-1.737 χ^2 /NDF: 7.2/11

0.637+/-1.186 χ^2 /NDF: 16.3/26

1.325+/-1.623 χ^2 /NDF: 8.8/14

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.435+/-0.001 χ^2/NDF : 6155631.9/11

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

Right Out: 1.439+/-0.001 χ^2/NDF : 7216306.8/14

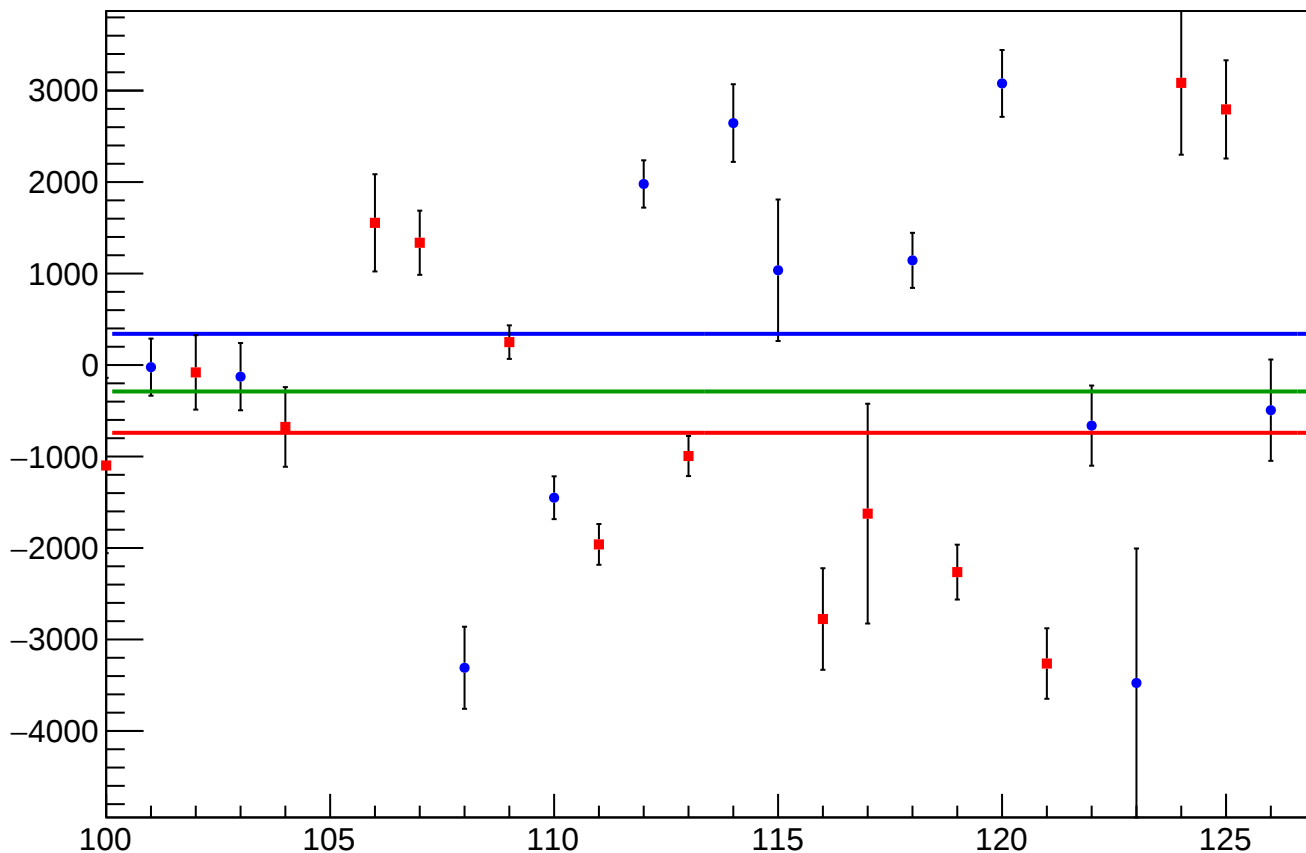
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.435+/-0.001 χ^2/NDF : 6155631.9/11

1.437+/-0.001 χ^2/NDF : 13371944.7/26

1.439+/-0.001 χ^2/NDF : 7216306.8/14

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 341.088+/-105.100 χ^2/NDF : 275.7/11

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

Right Out: -740.949+/-89.018 χ^2/NDF : 274.5/14

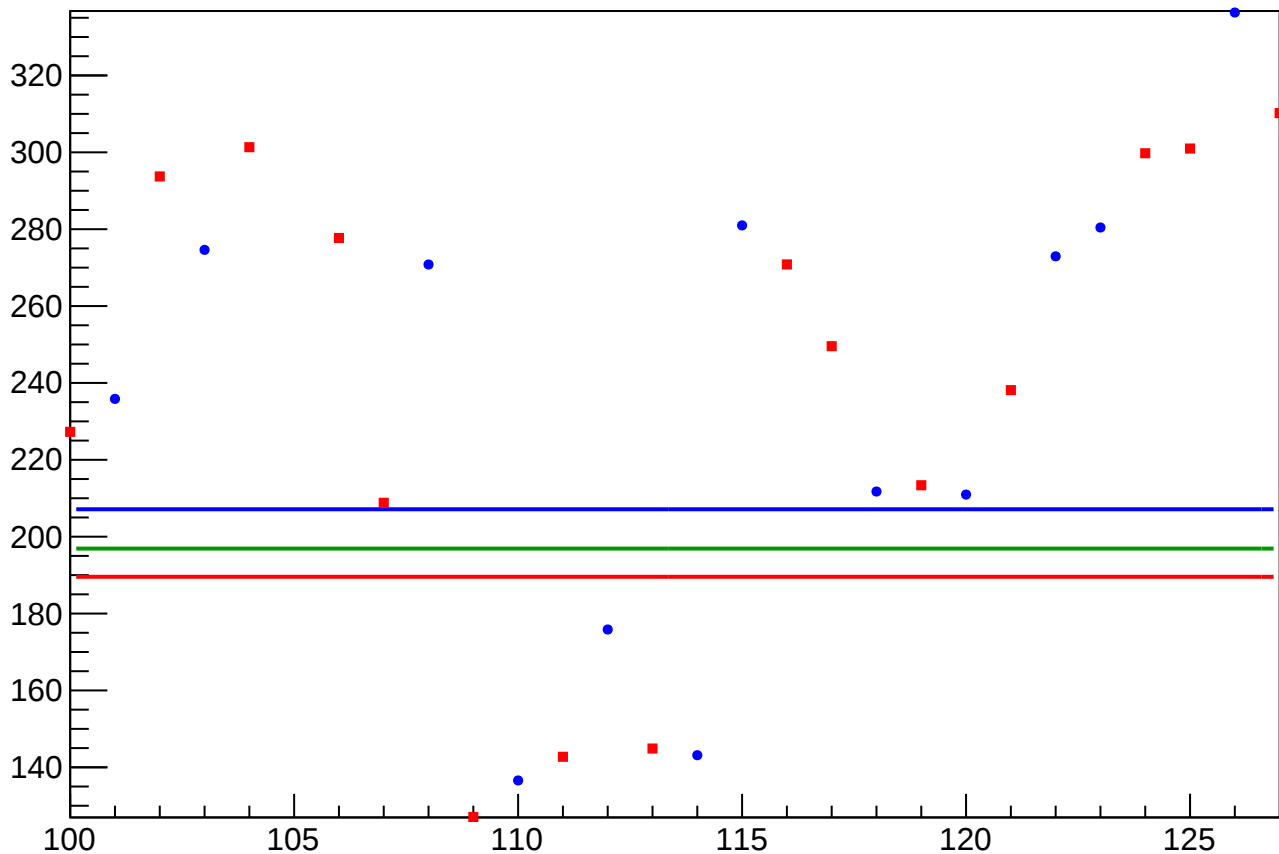
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

341.088+/-105.100 χ^2/NDF : 275.7/11

-288.959+/-67.927 χ^2/NDF : 611.9/26

-740.949+/-89.018 χ^2/NDF : 274.5/14

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 207.135+/-0.074 χ^2/NDF : 559214.4/11

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

Right Out: 189.566+/-0.063 χ^2/NDF : 1079377.1/14

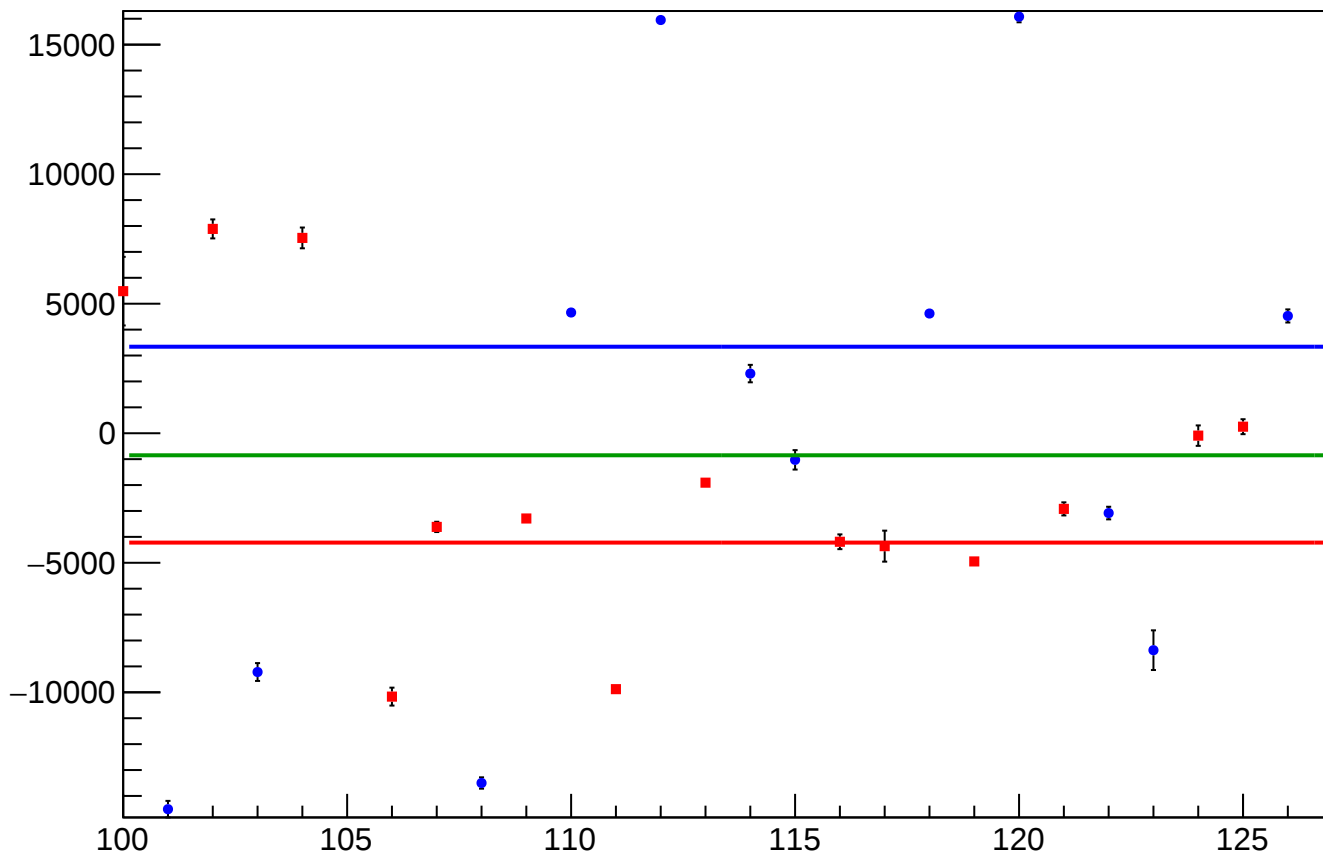
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

207.135+/-0.074 χ^2/NDF : 559214.4/11

196.905+/-0.048 χ^2/NDF : 1671133.7/26

189.566+/-0.063 χ^2/NDF : 1079377.1/14

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3340.066+/-68.400 χ^2/NDF : 20348.8/11

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

Right Out: -4220.871+/-61.337 χ^2/NDF : 4661.7/14

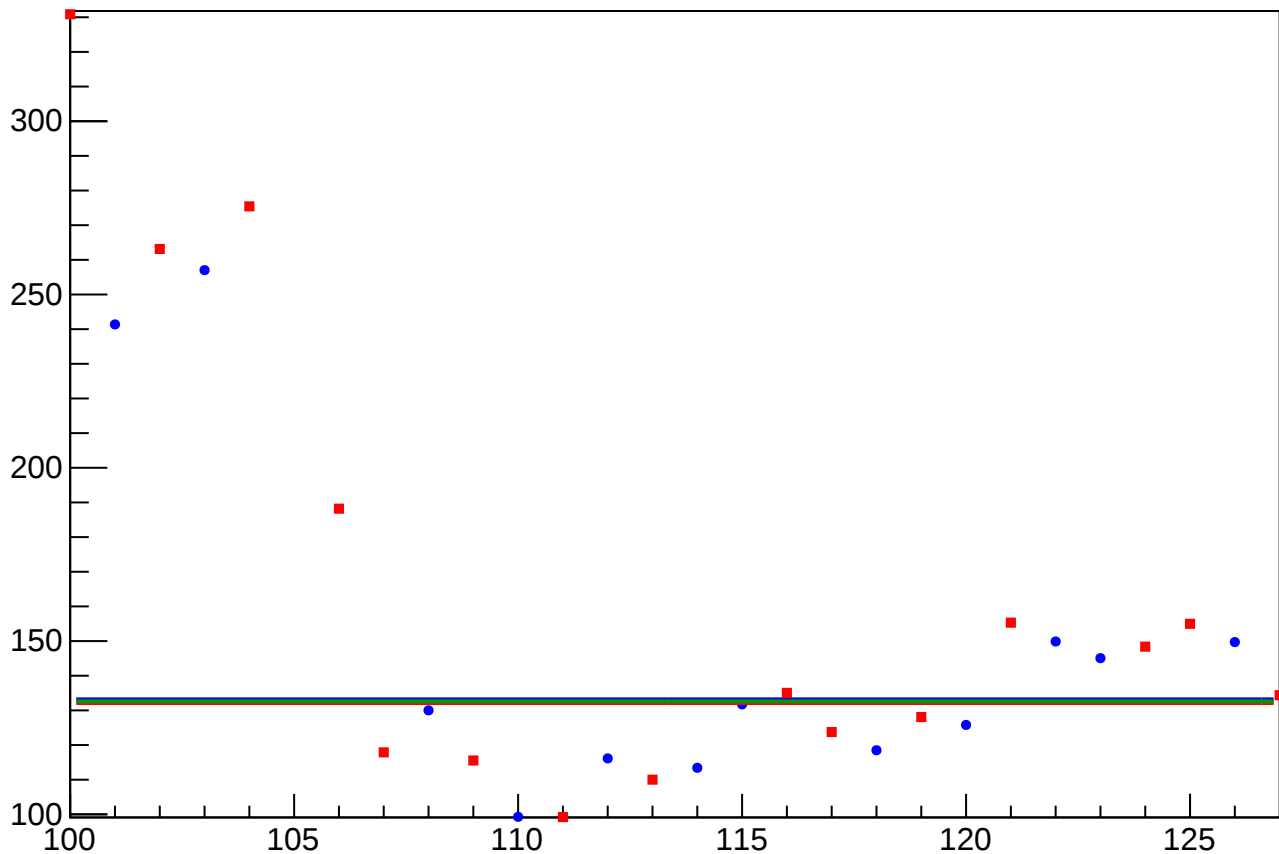
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3340.066+/-68.400 χ^2/NDF : 20348.8/11

-850.851+/-45.665 χ^2/NDF : 31783.2/26

-4220.871+/-61.337 χ^2/NDF : 4661.7/14

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.176+/-0.048 χ^2/NDF : 629671.6/11

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

Right Out: 132.129+/-0.043 χ^2/NDF : 798086.4/14

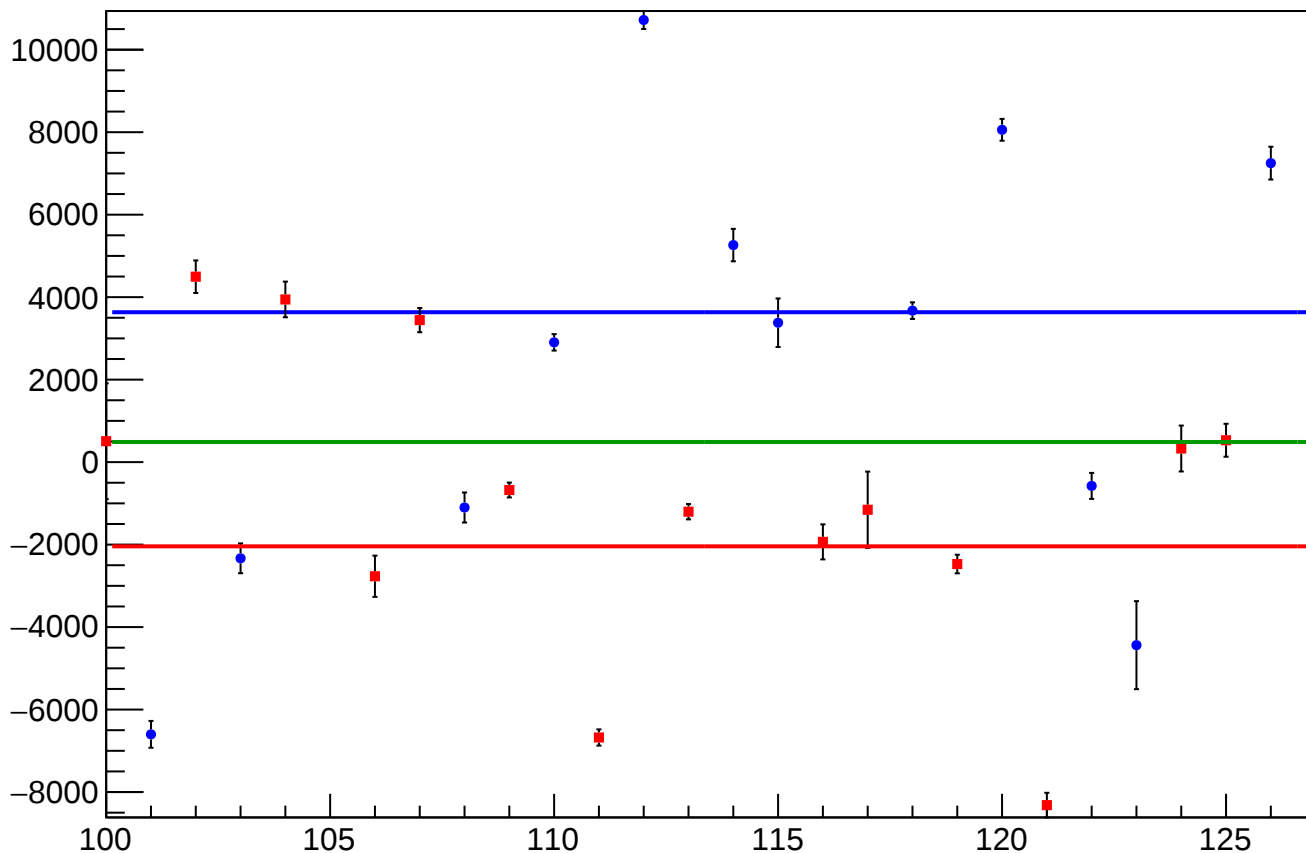
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.176+/-0.048 χ^2/NDF : 629671.6/11

132.596+/-0.032 χ^2/NDF : 1428017.5/26

132.129+/-0.043 χ^2/NDF : 798086.4/14

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3634.671+/-85.677 χ^2/NDF : 3116.0/11

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

Right Out: -2041.959+/-76.833 χ^2/NDF : 2055.4/14

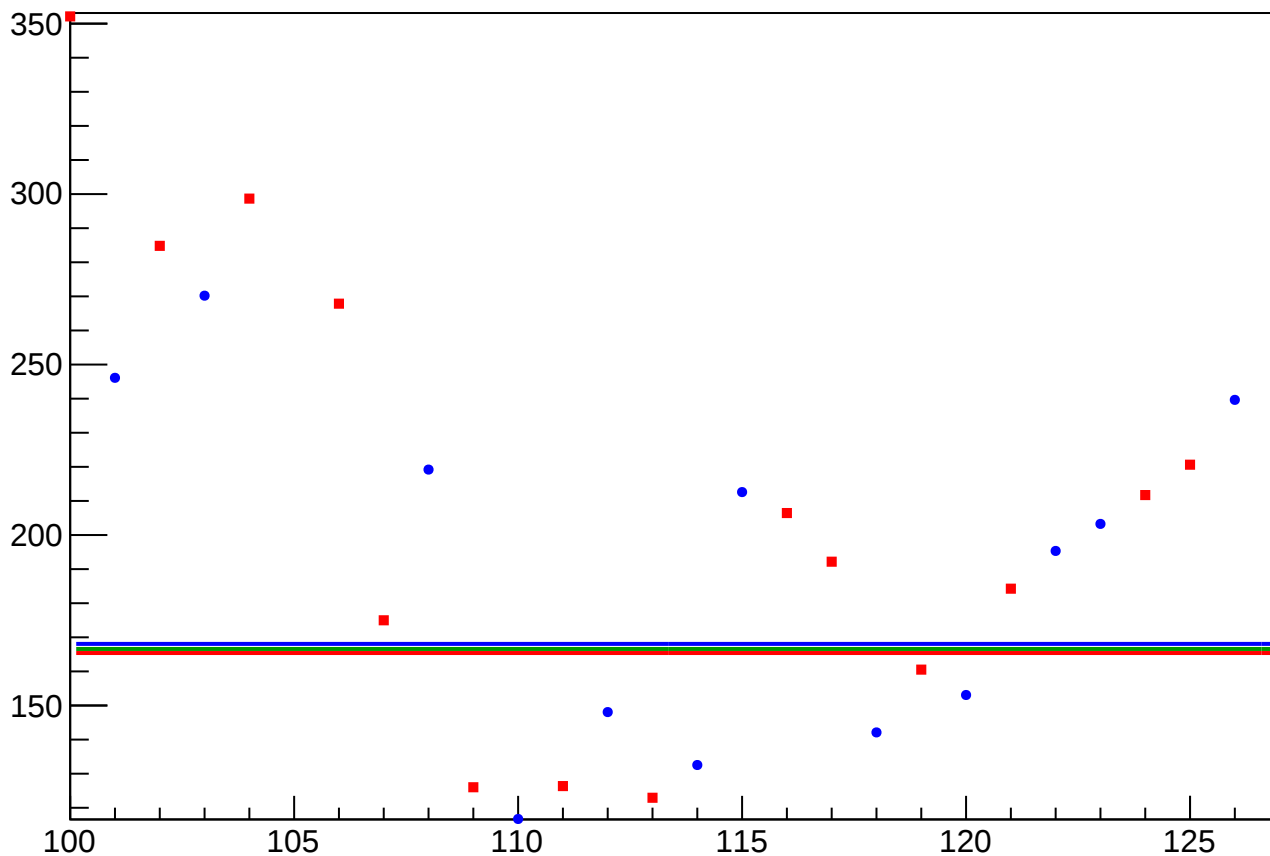
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3634.671+/-85.677 χ^2/NDF : 3116.0/11

488.342+/-57.201 χ^2/NDF : 7604.5/26

-2041.959+/-76.833 χ^2/NDF : 2055.4/14

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.070+/-0.061 χ^2/NDF : 612565.5/11

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

Right Out: 165.392+/-0.054 χ^2/NDF : 906801.3/14

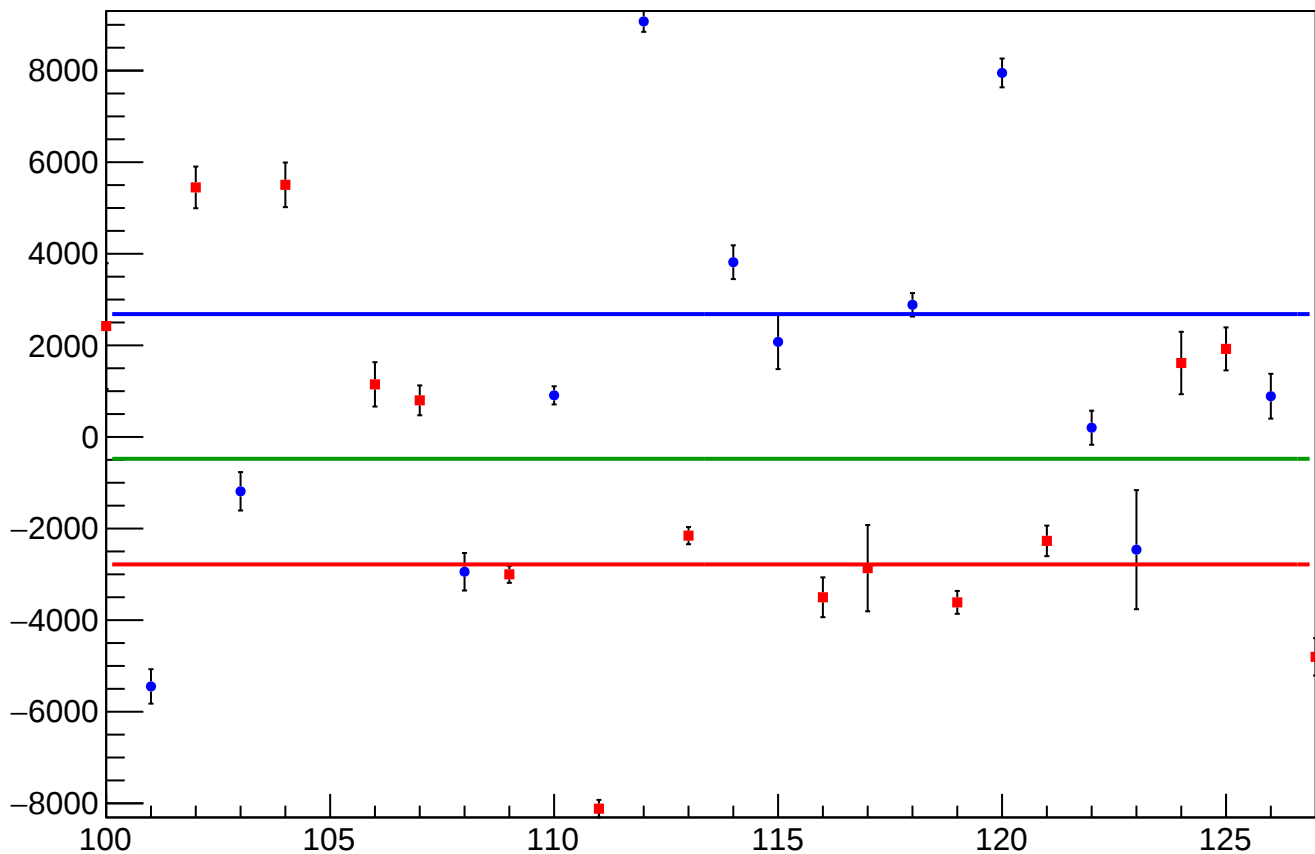
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

168.070+/-0.061 χ^2/NDF : 612565.5/11

166.585+/-0.040 χ^2/NDF : 1520450.2/26

165.392+/-0.054 χ^2/NDF : 906801.3/14

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2682.764+/-94.900 χ^2/NDF : 1976.2/11

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

Right Out: -2783.271+/-81.073 χ^2/NDF : 1788.7/14

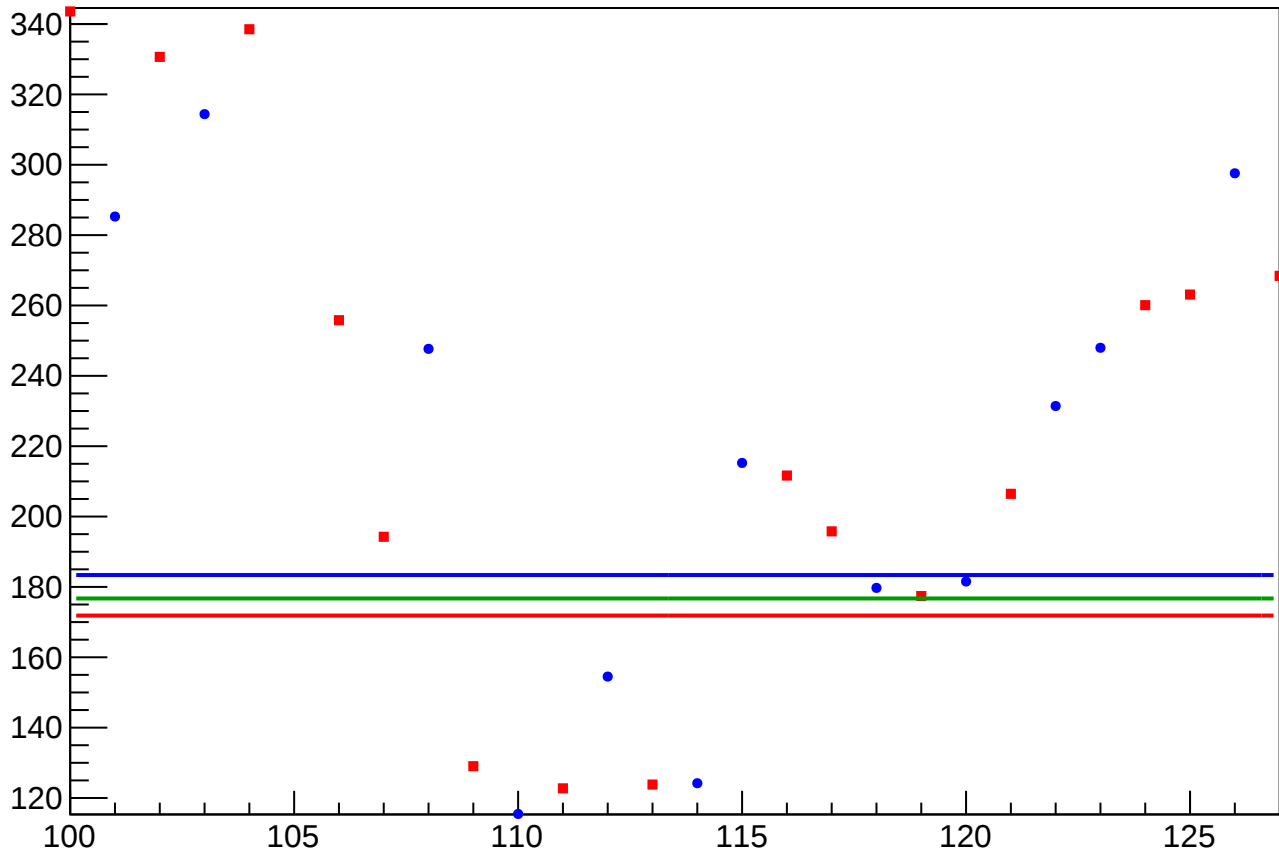
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2682.764+/-94.900 χ^2/NDF : 1976.2/11

-477.101+/-61.642 χ^2/NDF : 5682.7/26

-2783.271+/-81.073 χ^2/NDF : 1788.7/14

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.378+/-0.067 χ^2/NDF : 863034.0/11

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

Right Out: 171.858+/-0.057 χ^2/NDF : 1209270.3/14

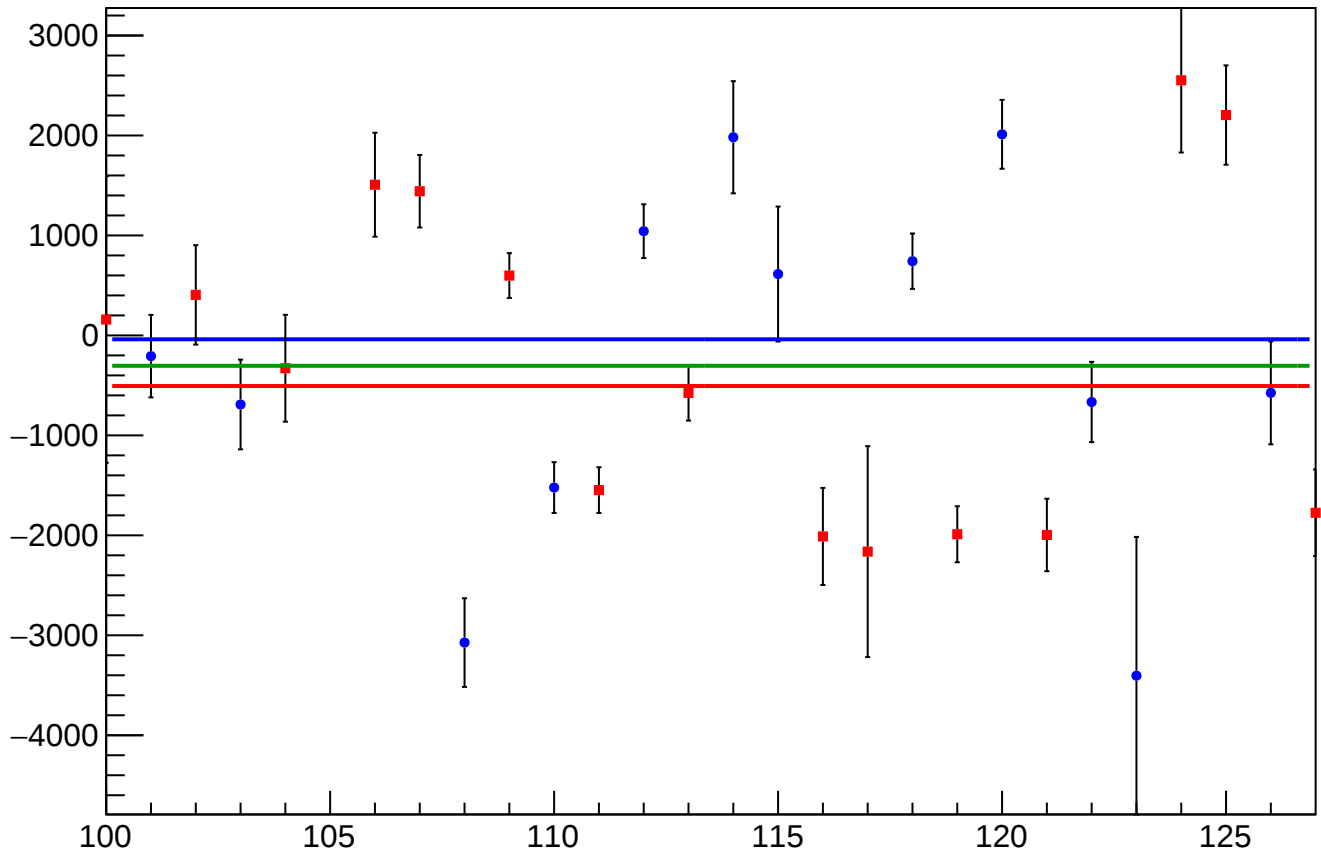
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

183.378+/-0.067 χ^2/NDF : 863034.0/11

176.719+/-0.044 χ^2/NDF : 2089341.7/26

171.858+/-0.057 χ^2/NDF : 1209270.3/14

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -38.839 ± 110.033 χ^2/NDF : 166.1/11

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

Right Out: -506.414 ± 96.169 χ^2/NDF : 205.7/14

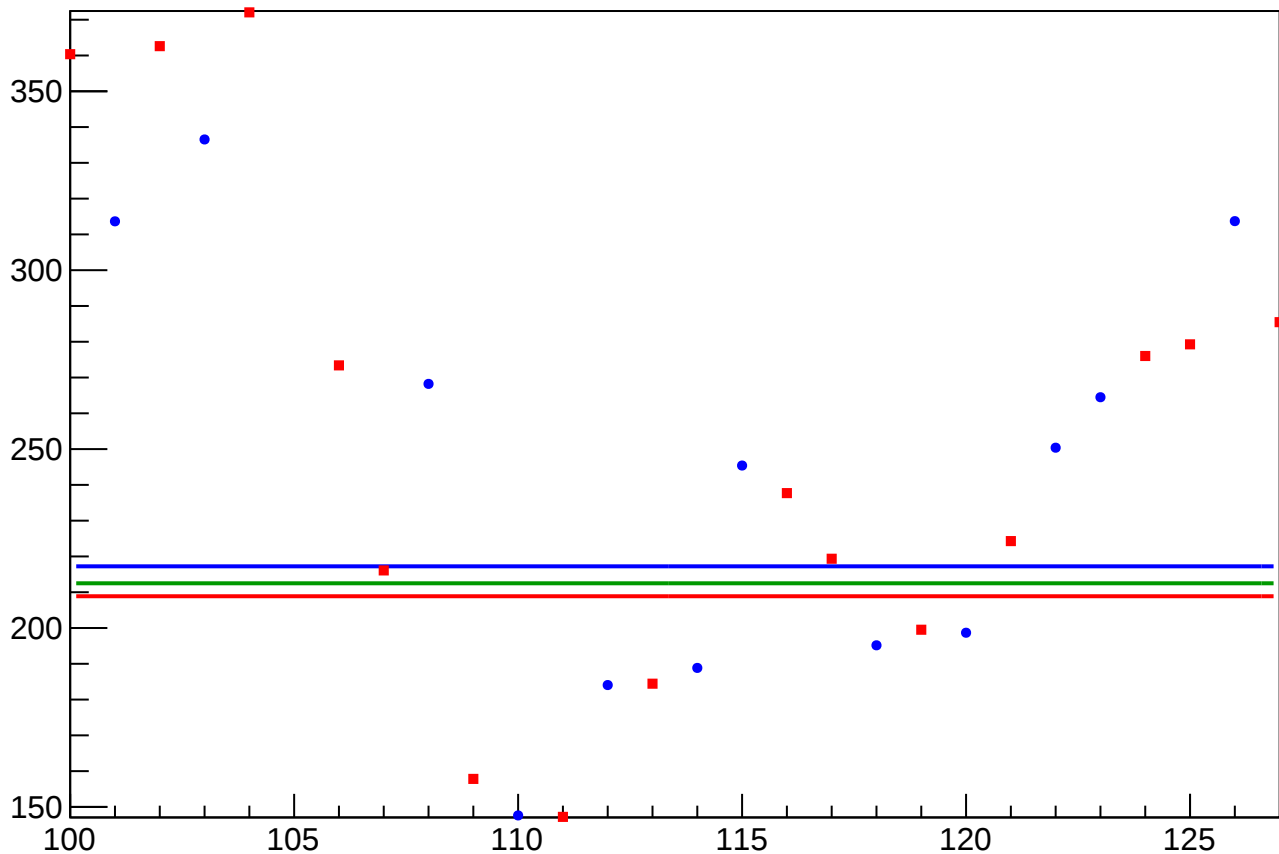
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-38.839 ± 110.033 χ^2/NDF : 166.1/11

-303.921 ± 72.410 χ^2/NDF : 382.1/26

-506.414 ± 96.169 χ^2/NDF : 205.7/14

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 217.239+/-0.078 χ^2/NDF : 570848.5/11

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

Right Out: 208.877+/-0.068 χ^2/NDF : 828731.3/14

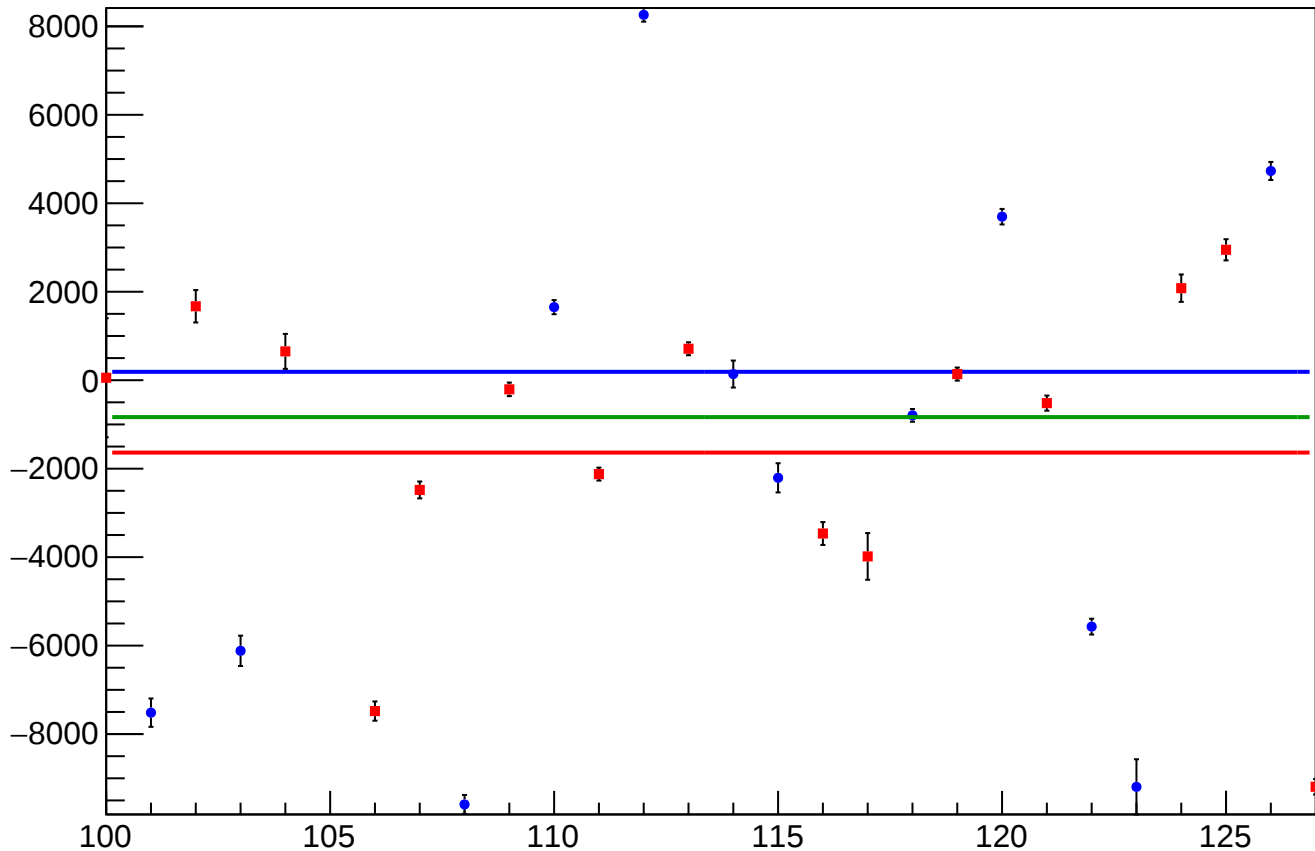
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

217.239+/-0.078 χ^2/NDF : 570848.5/11

212.498+/-0.051 χ^2/NDF : 1406128.4/26

208.877+/-0.068 χ^2/NDF : 828731.3/14

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 189.819 +/- 59.801 χ^2/NDF : 8086.7/11

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

Right Out: -1636.087 +/- 52.925 χ^2/NDF : 3812.3/14

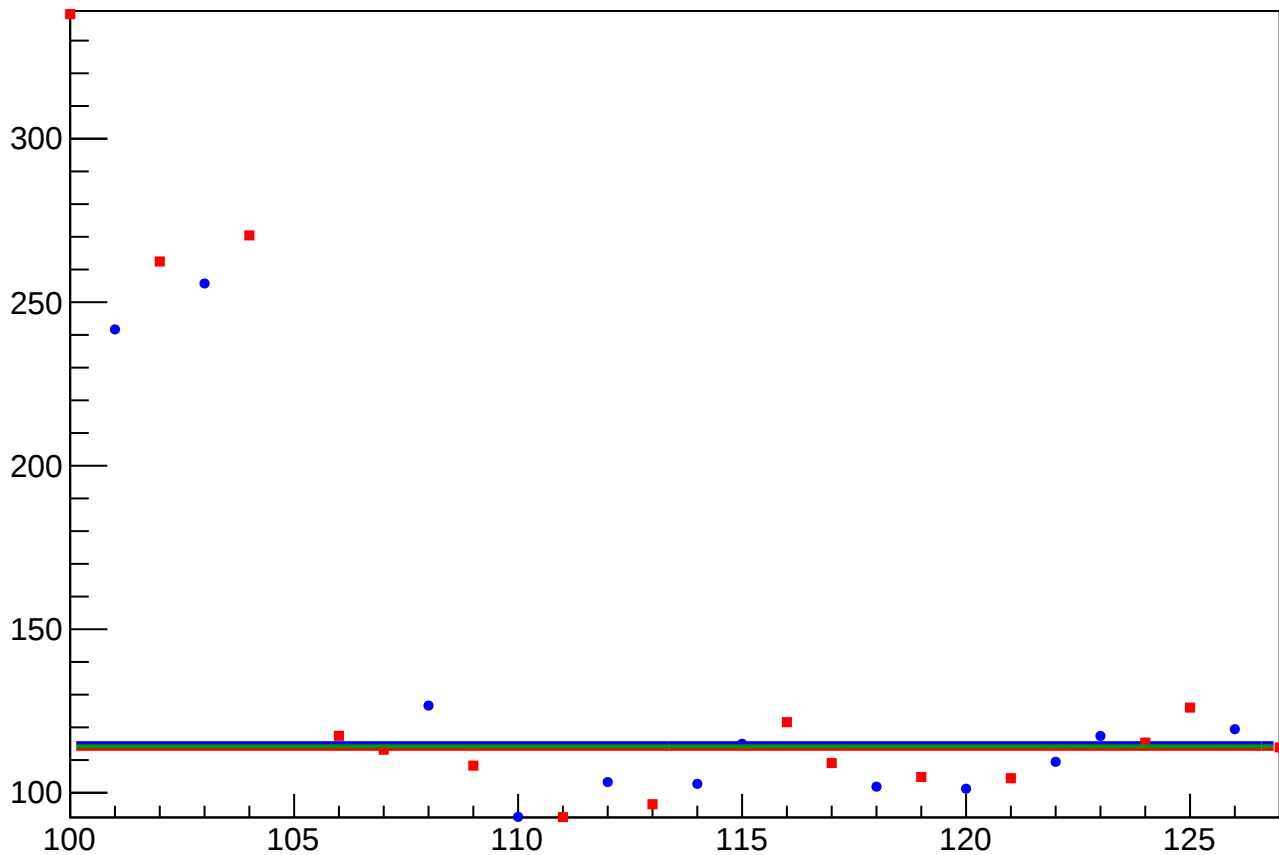
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

189.819 +/- 59.801 χ^2/NDF : 8086.7/11

-834.092 +/- 39.633 χ^2/NDF : 12421.8/26

-1636.087 +/- 52.925 χ^2/NDF : 3812.3/14

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.166+/-0.042 χ^2/NDF : 740873.9/11

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

Right Out: 113.427+/-0.037 χ^2/NDF : 793299.2/14

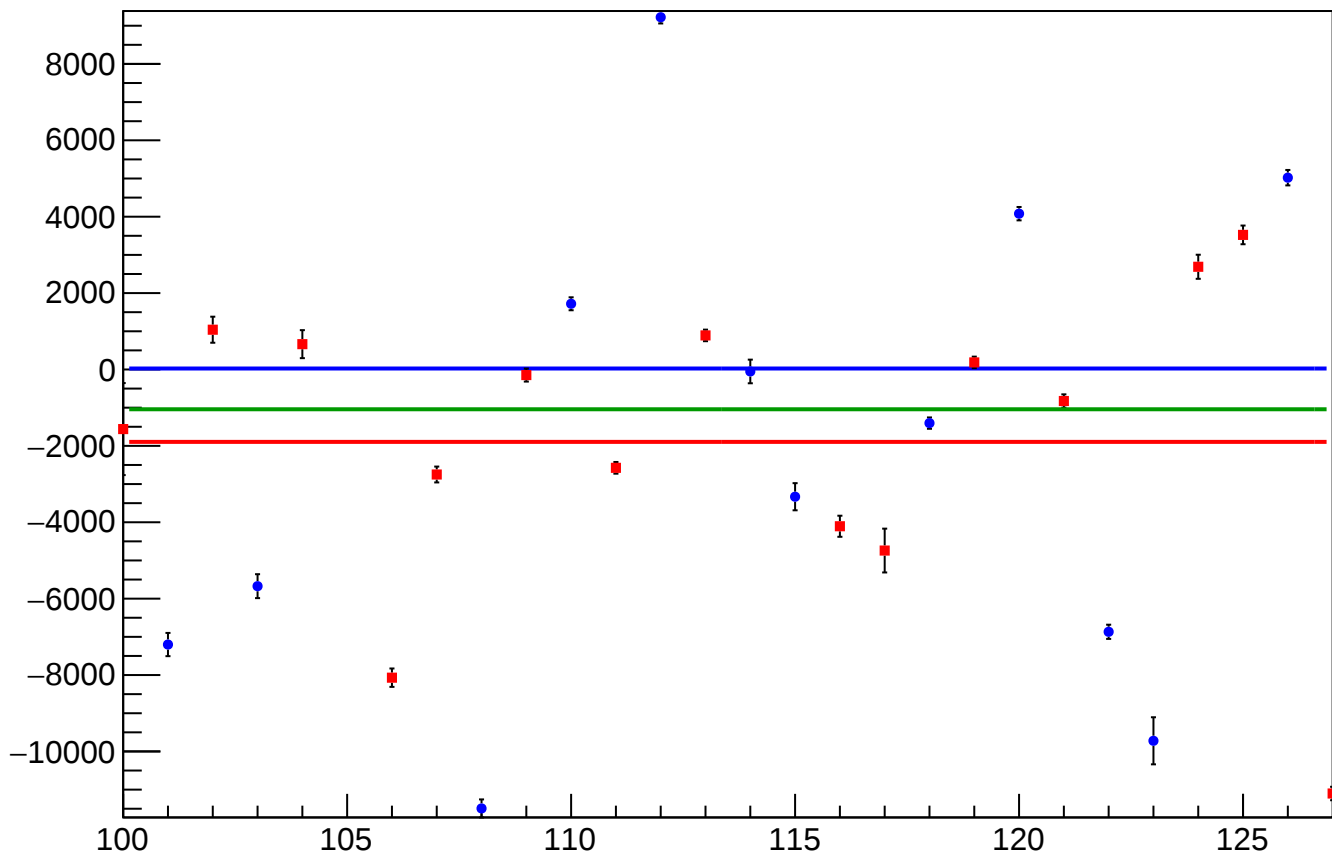
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.166+/-0.042 χ^2/NDF : 740873.9/11

114.191+/-0.028 χ^2/NDF : 1535121.6/26

113.427+/-0.037 χ^2/NDF : 793299.2/14

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 25.464+/-61.564 χ^2/NDF : 9512.8/11

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

Right Out: -1895.484+/-55.065 χ^2/NDF : 5006.4/14

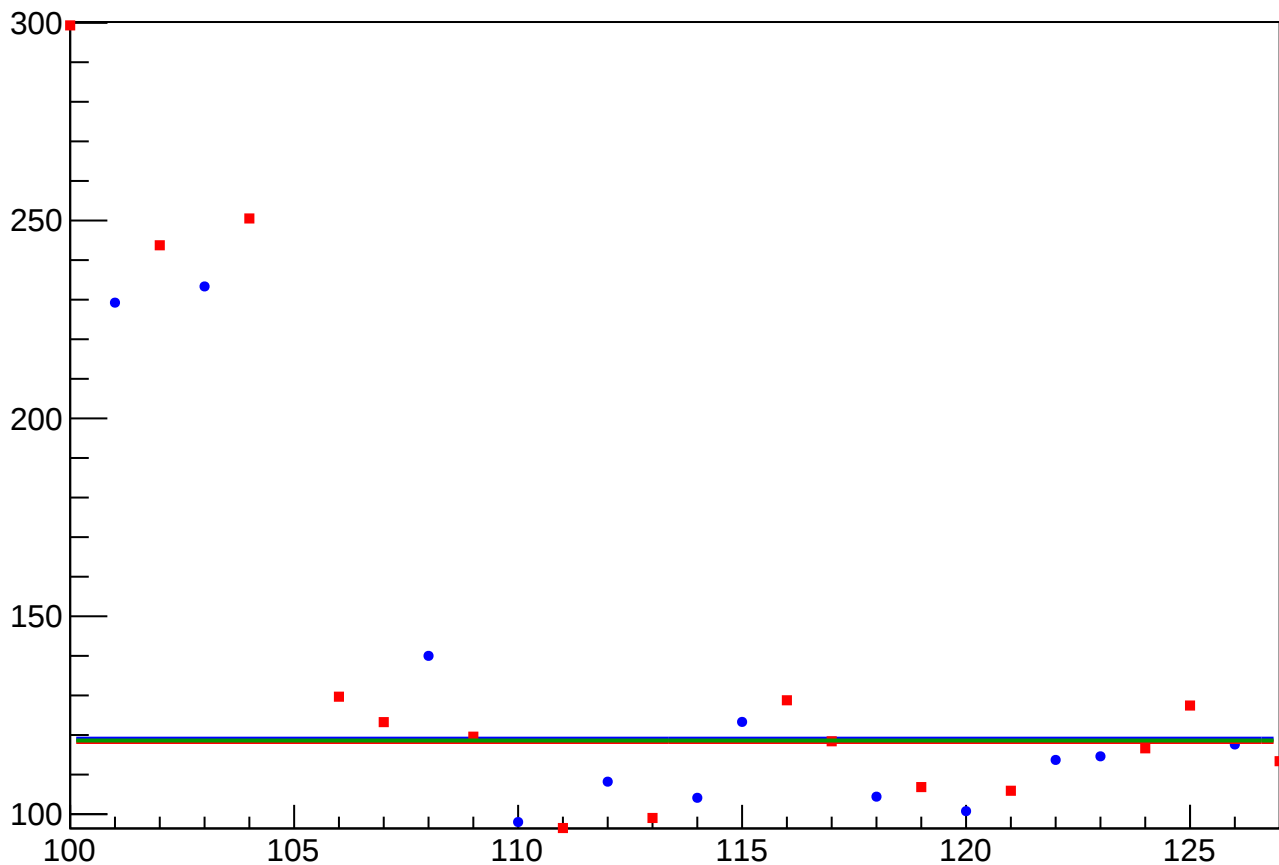
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.464+/-61.564 χ^2/NDF : 9512.8/11

-1041.716+/-41.043 χ^2/NDF : 15060.1/26

-1895.484+/-55.065 χ^2/NDF : 5006.4/14

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.078+/-0.044 χ^2/NDF : 632232.3/11

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

Right Out: 118.237+/-0.039 χ^2/NDF : 683672.8/14

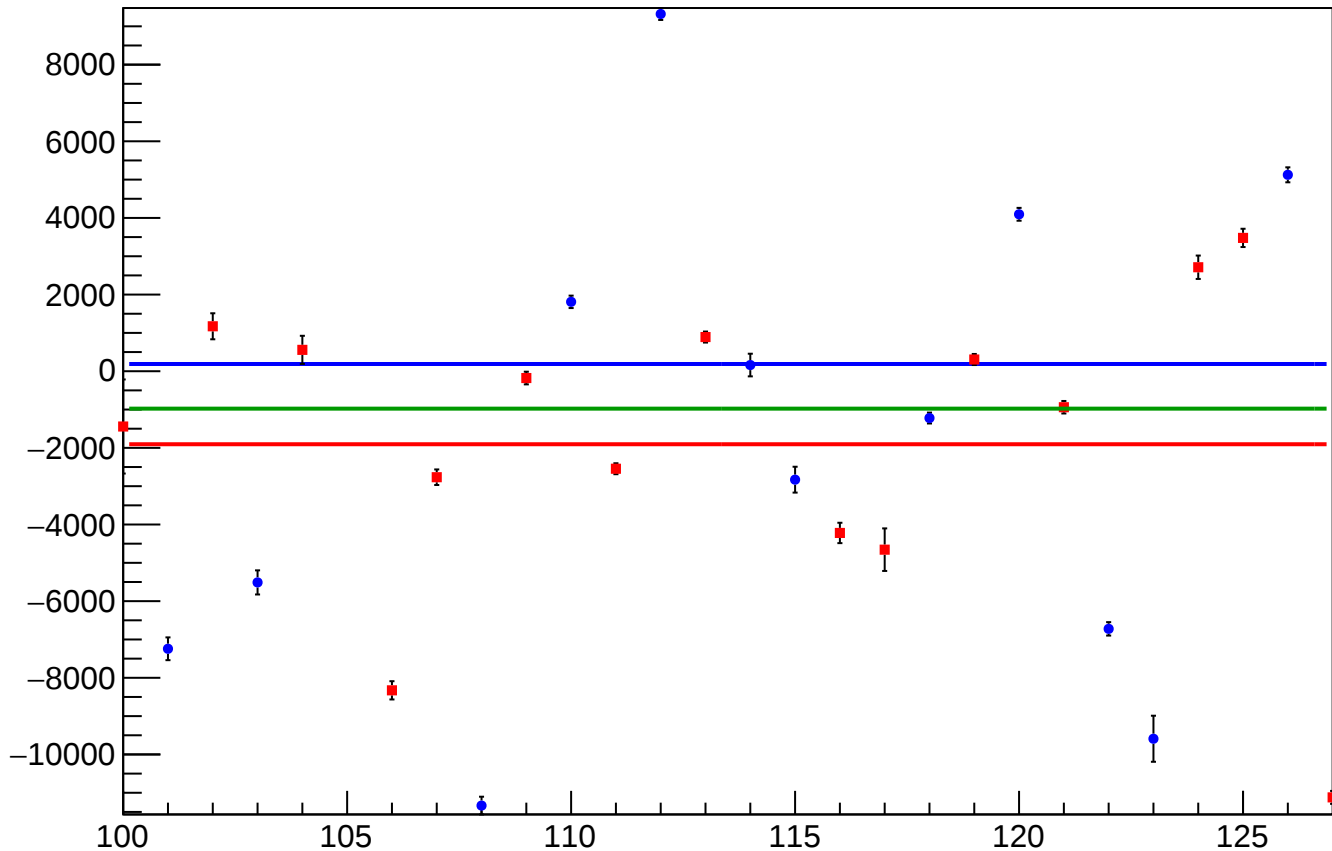
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.078+/-0.044 χ^2/NDF : 632232.3/11

118.611+/-0.029 χ^2/NDF : 1316112.2/26

118.237+/-0.039 χ^2/NDF : 683672.8/14

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 188.448 $\pm$ 59.095 χ^2 /NDF: 10143.4/11

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

Right Out: -1905.414 $\pm$ 52.770 χ^2 /NDF: 5472.1/14

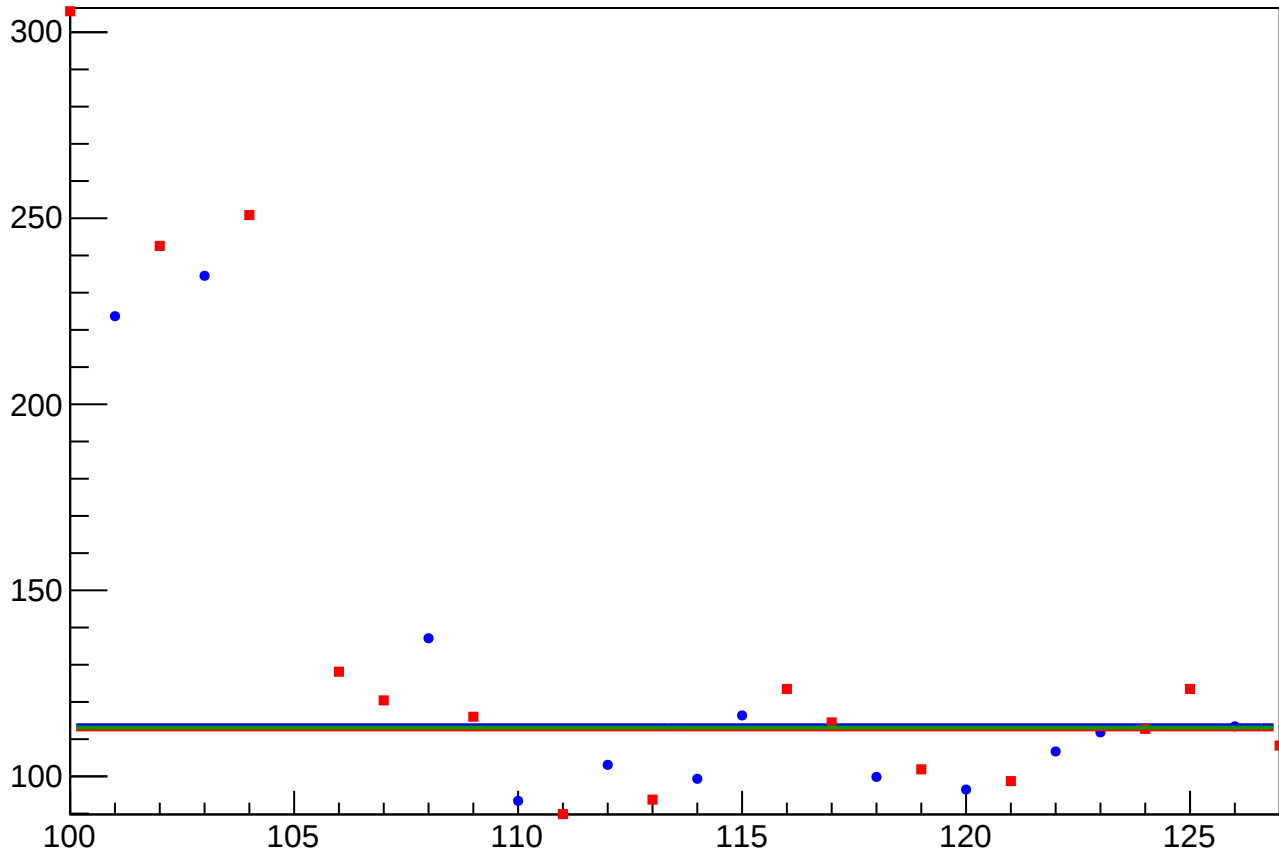
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

188.448 $\pm$ 59.095 χ^2 /NDF: 10143.4/11

-976.487 $\pm$ 39.361 χ^2 /NDF: 16314.0/26

-1905.414 $\pm$ 52.770 χ^2 /NDF: 5472.1/14

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.733+/-0.042 χ^2/NDF : 677926.1/11

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

Right Out: 112.623+/-0.037 χ^2/NDF : 757915.7/14

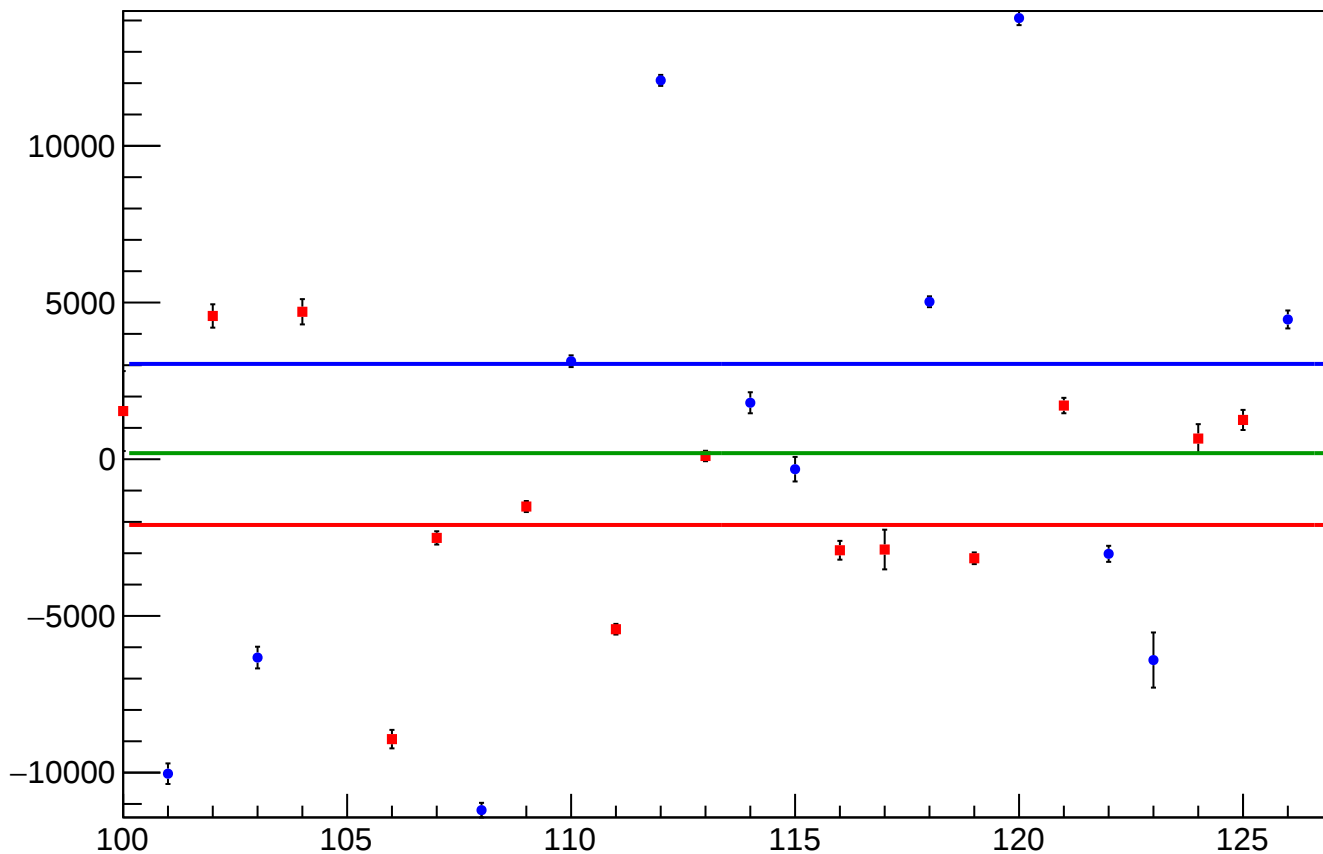
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.733+/-0.042 χ^2/NDF : 677926.1/11

113.115+/-0.028 χ^2/NDF : 1436234.7/26

112.623+/-0.037 χ^2/NDF : 757915.7/14

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 3041.561+/-71.727 χ^2/NDF : 12036.8/11

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

Right Out: -2097.475+/-64.345 χ^2/NDF : 2320.8/14

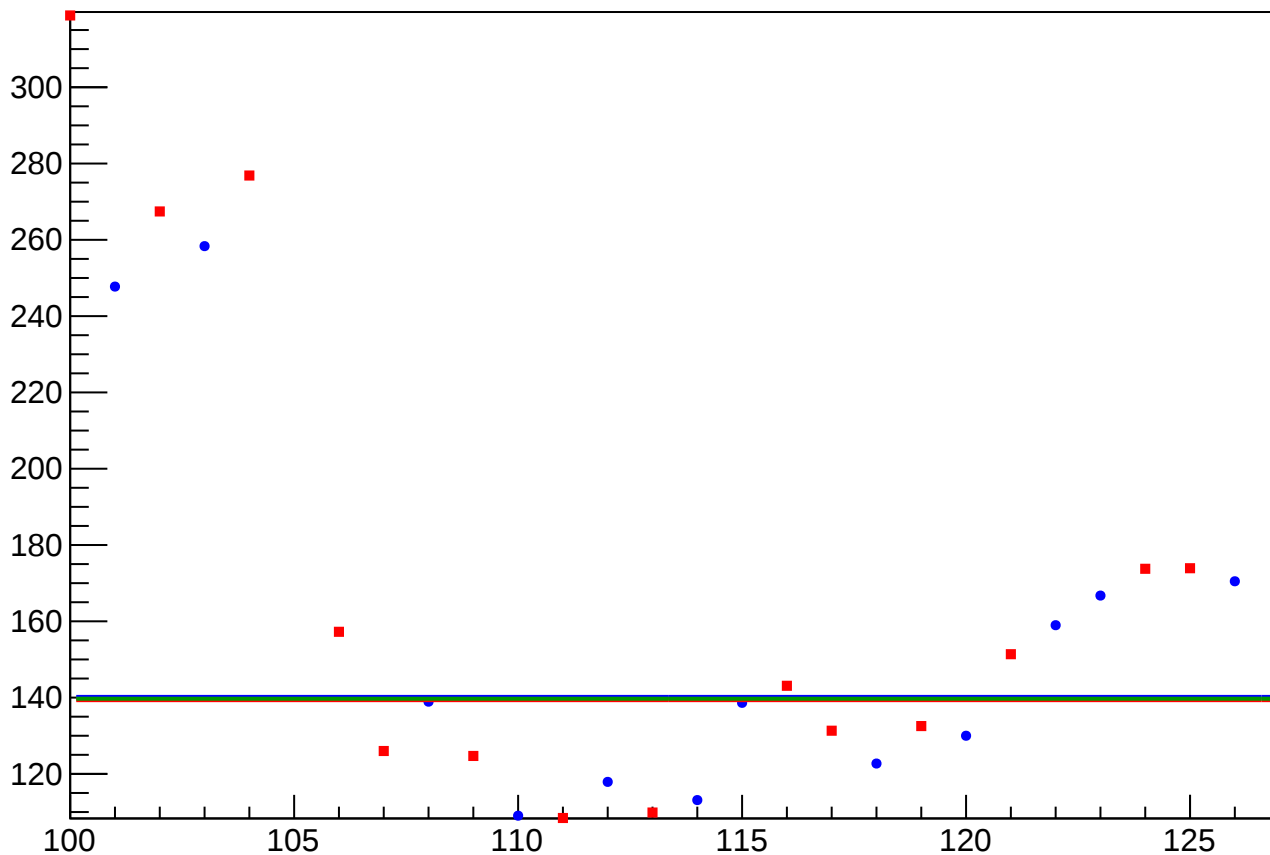
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3041.561+/-71.727 χ^2/NDF : 12036.8/11

194.057+/-47.897 χ^2/NDF : 17202.0/26

-2097.475+/-64.345 χ^2/NDF : 2320.8/14

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 140.184+/-0.051 χ^2/NDF : 607733.6/11

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

Right Out: 139.331+/-0.045 χ^2/NDF : 718124.4/14

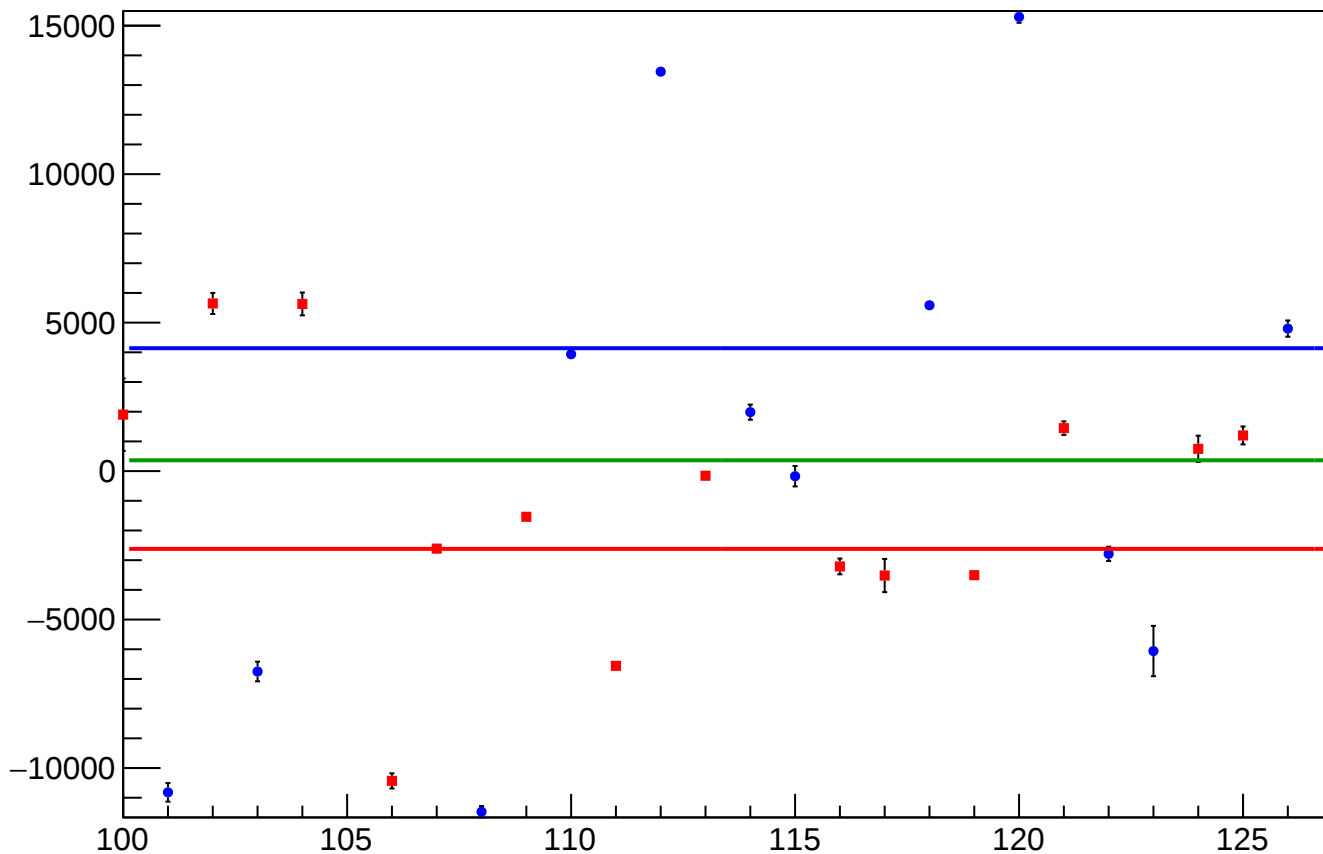
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.184+/-0.051 χ^2/NDF : 607733.6/11

139.711+/-0.034 χ^2/NDF : 1326014.7/26

139.331+/-0.045 χ^2/NDF : 718124.4/14

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4138.893+/-59.213 χ^2/NDF : 19365.3/11

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

Right Out: -2619.203+/-52.641 χ^2/NDF : 4191.4/14

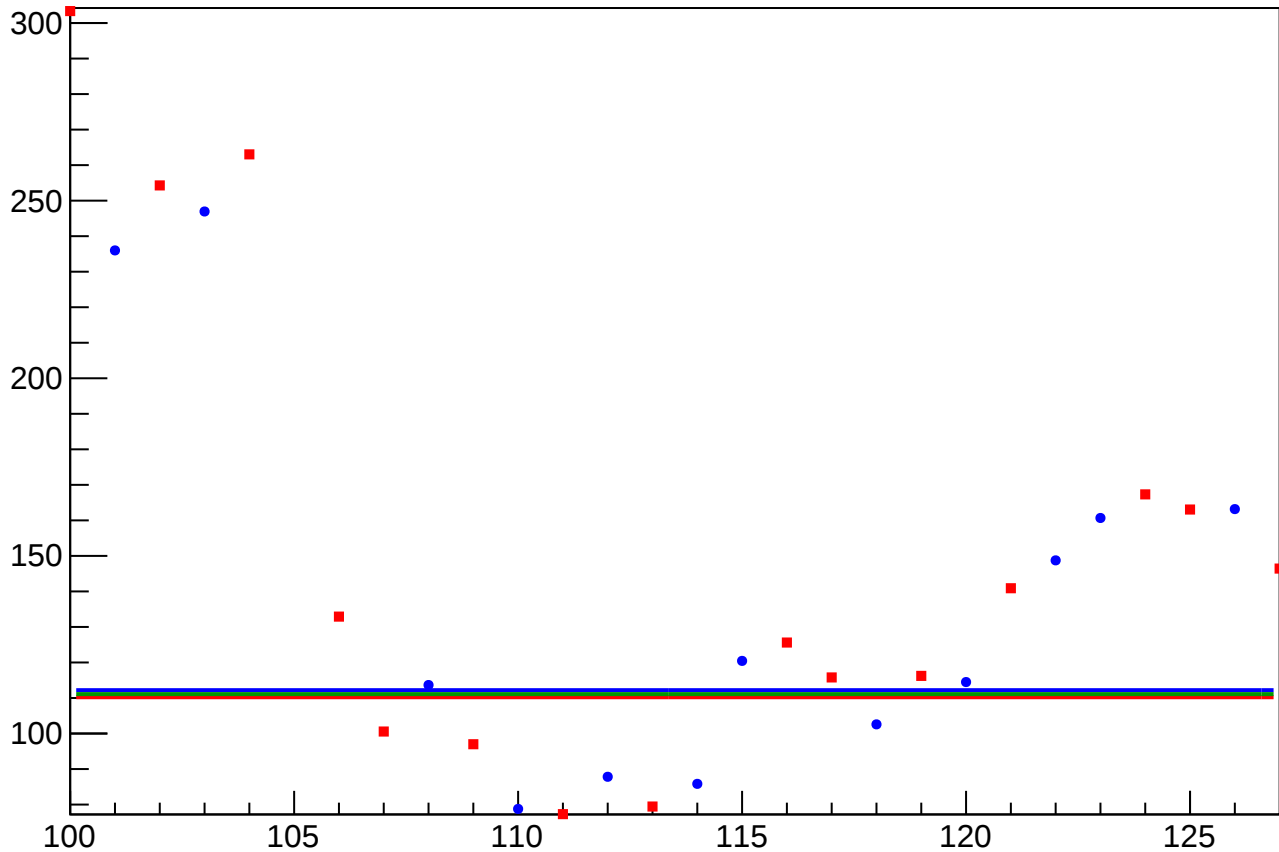
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4138.893+/-59.213 χ^2/NDF : 19365.3/11

364.142+/-39.342 χ^2/NDF : 30832.4/26

-2619.203+/-52.641 χ^2/NDF : 4191.4/14

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.203+/-0.042 χ^2/NDF : 983429.4/11

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

Right Out: 110.214+/-0.037 χ^2/NDF : 1198336.9/14

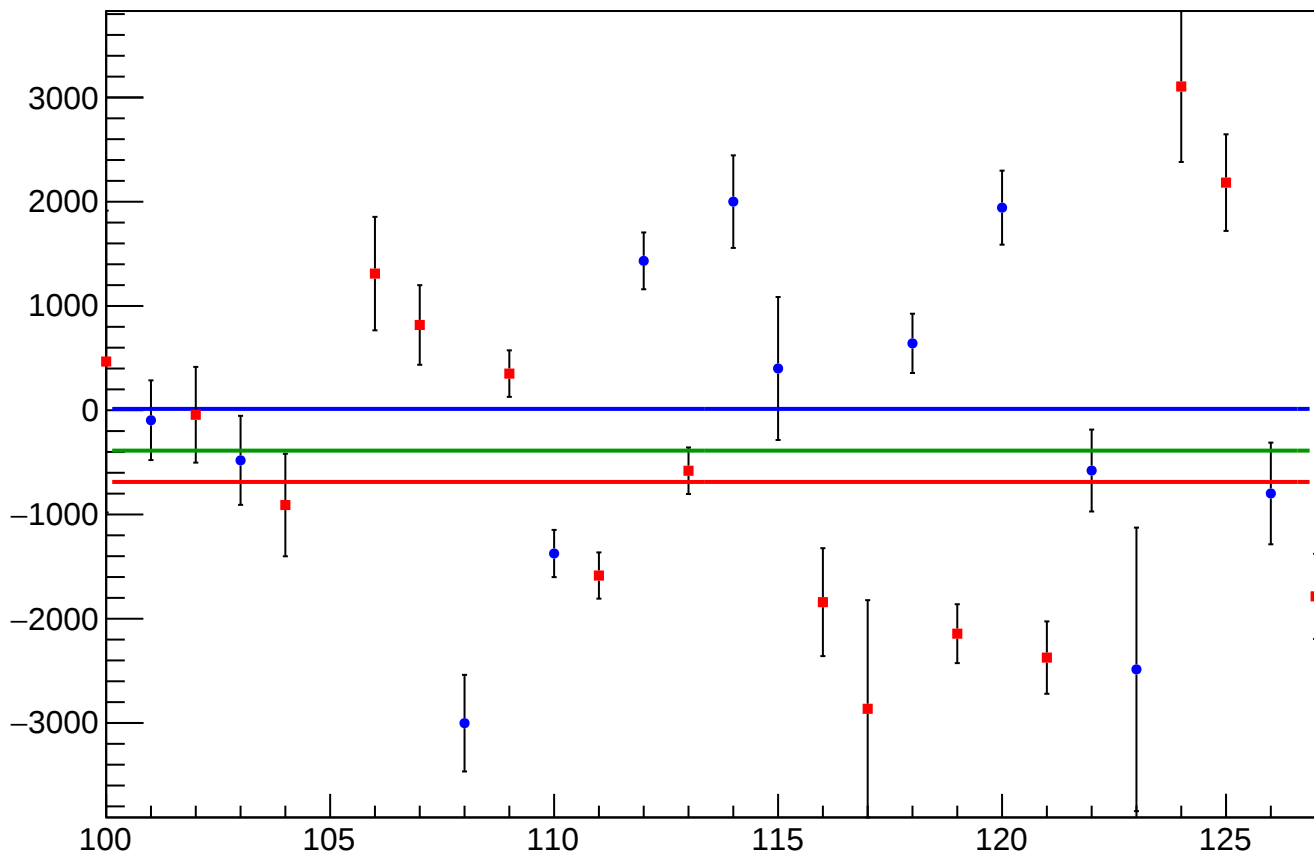
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.203+/-0.042 χ^2/NDF : 983429.4/11

111.092+/-0.028 χ^2/NDF : 2183027.8/26

110.214+/-0.037 χ^2/NDF : 1198336.9/14

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 12.766+/-106.190 χ^2/NDF : 171.6/11

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

Right Out: -687.864+/-92.002 χ^2/NDF : 202.7/14

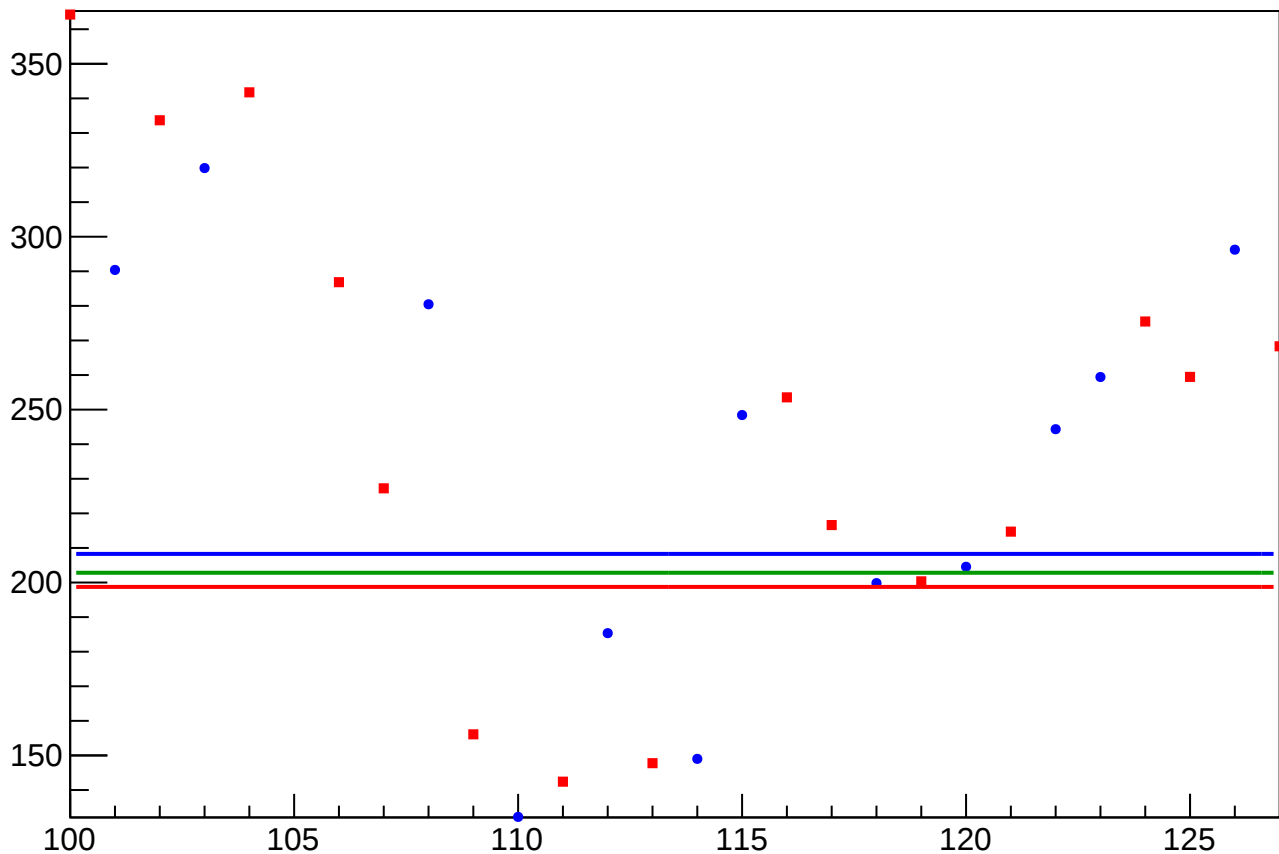
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.766+/-106.190 χ^2/NDF : 171.6/11

-387.451+/-69.534 χ^2/NDF : 399.2/26

-687.864+/-92.002 χ^2/NDF : 202.7/14

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.279+/-0.075 χ^2/NDF : 646284.4/11

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

Right Out: 198.733+/-0.065 χ^2/NDF : 880343.0/14

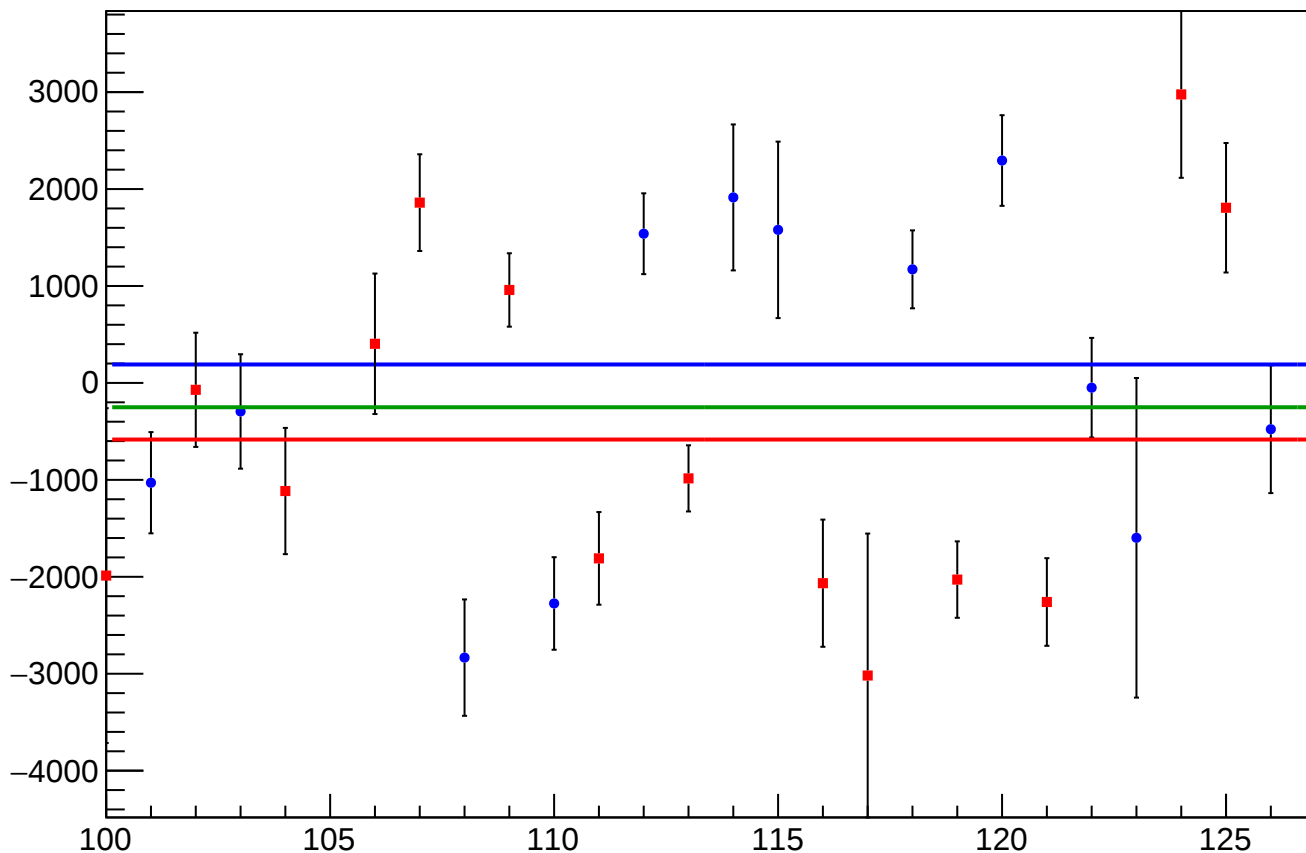
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.279+/-0.075 χ^2/NDF : 646284.4/11

202.827+/-0.049 χ^2/NDF : 1535859.8/26

198.733+/-0.065 χ^2/NDF : 880343.0/14

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 190.371+/-158.813 χ^2/NDF : 104.8/11

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

Right Out: -583.903+/-137.992 χ^2/NDF : 118.2/14

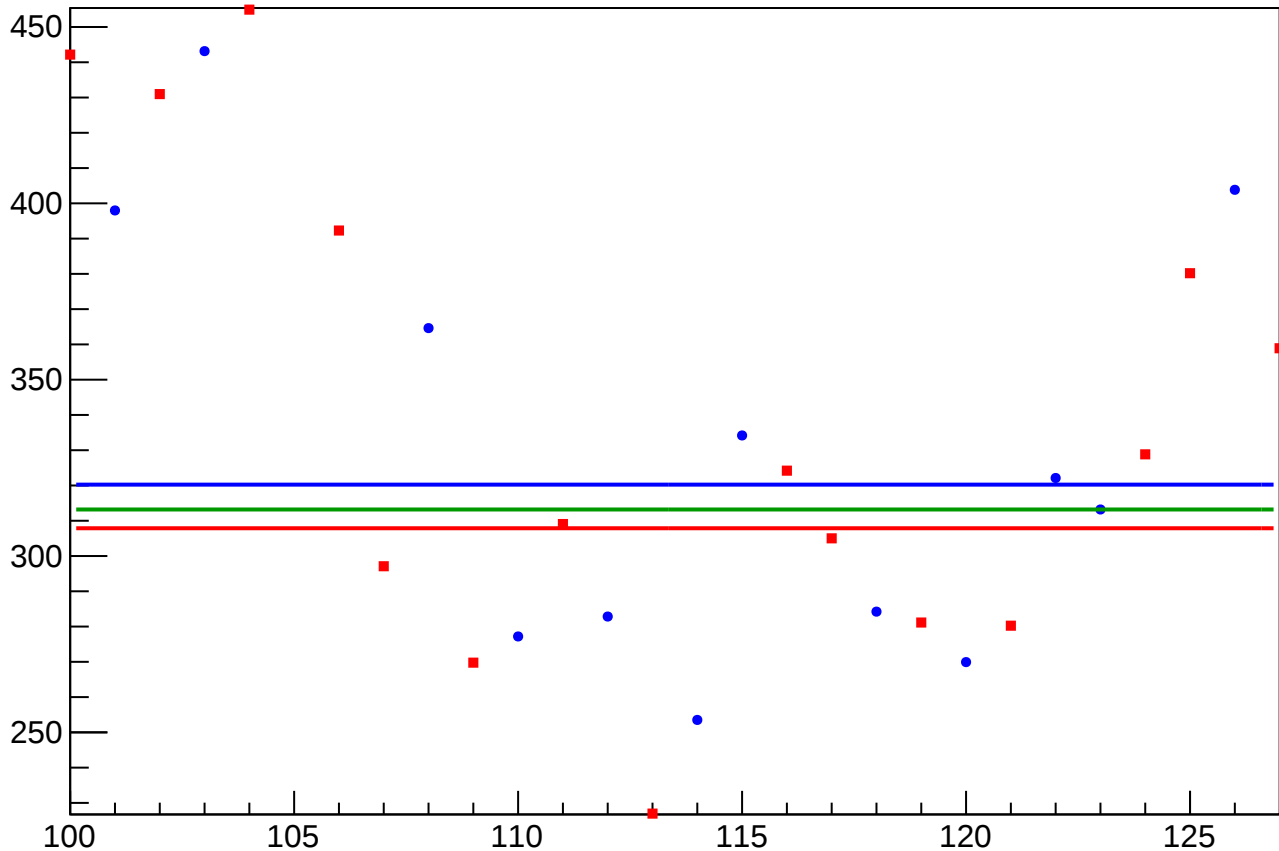
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.371+/-158.813 χ^2/NDF : 104.8/11

-250.815+/-104.164 χ^2/NDF : 236.5/26

-583.903+/-137.992 χ^2/NDF : 118.2/14

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 320.243+/-0.112 χ^2/NDF : 261975.5/11

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

Right Out: 307.874+/-0.098 χ^2/NDF : 422244.5/14

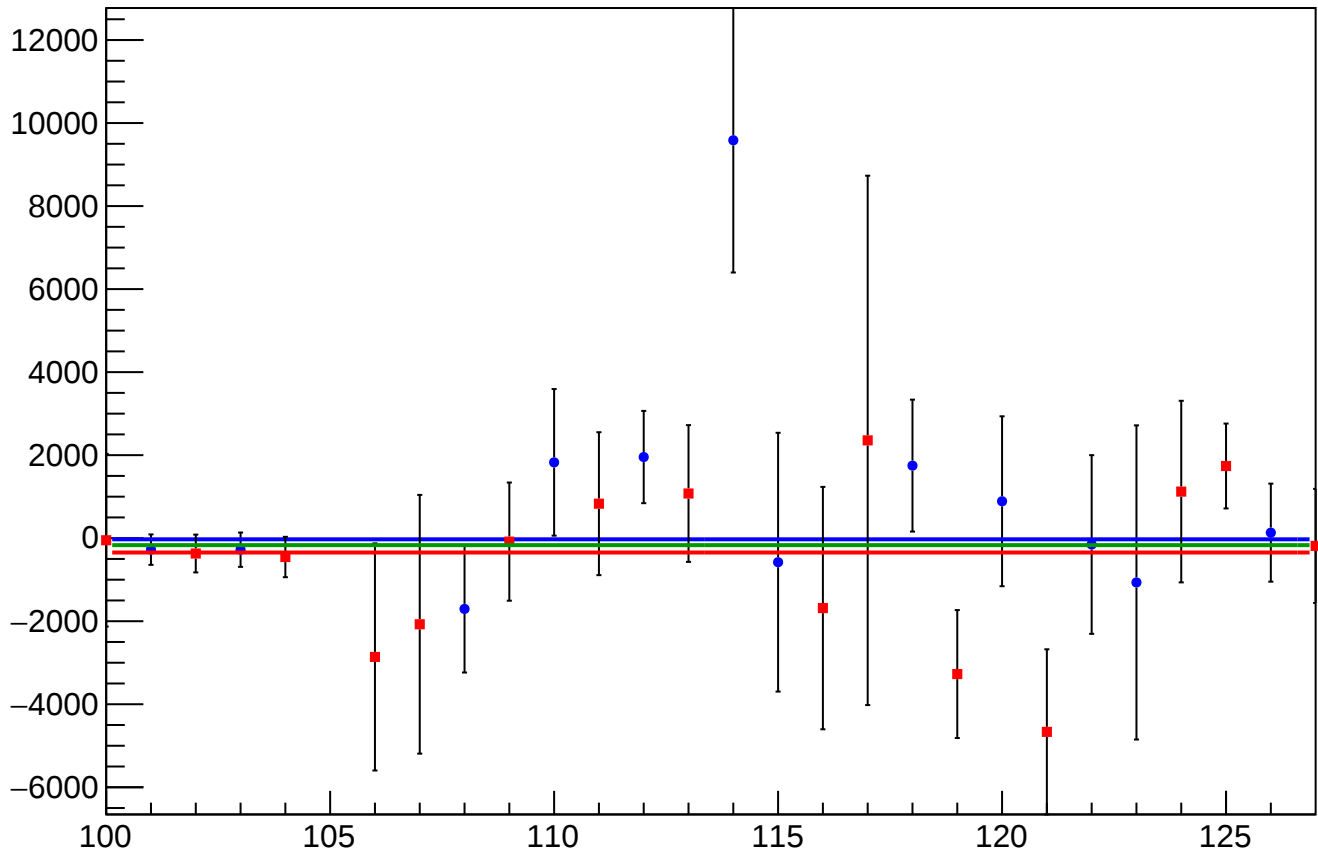
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

320.243+/-0.112 χ^2/NDF : 261975.5/11

313.195+/-0.074 χ^2/NDF : 691132.0/26

307.874+/-0.098 χ^2/NDF : 422244.5/14

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -27.164 ± 244.847 χ^2/NDF : 17.0/11

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

Right Out: -345.229 ± 274.988 χ^2/NDF : 15.8/14

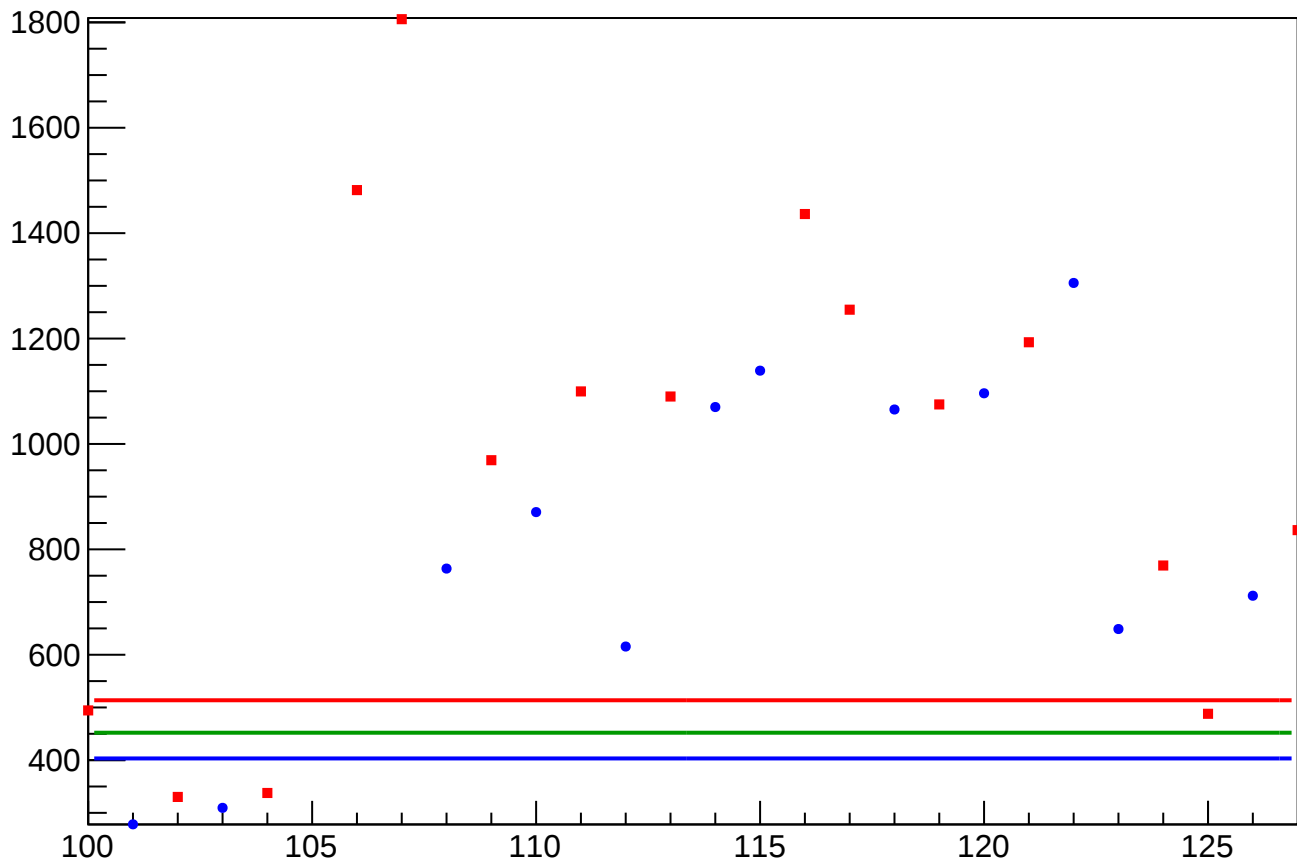
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-27.164 ± 244.847 χ^2/NDF : 17.0/11

-167.816 ± 182.865 χ^2/NDF : 33.5/26

-345.229 ± 274.988 χ^2/NDF : 15.8/14

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 403.238+/-0.173 χ^2/NDF : 1931153.5/11

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

Right Out: 513.638+/-0.194 χ^2/NDF : 2726600.6/14

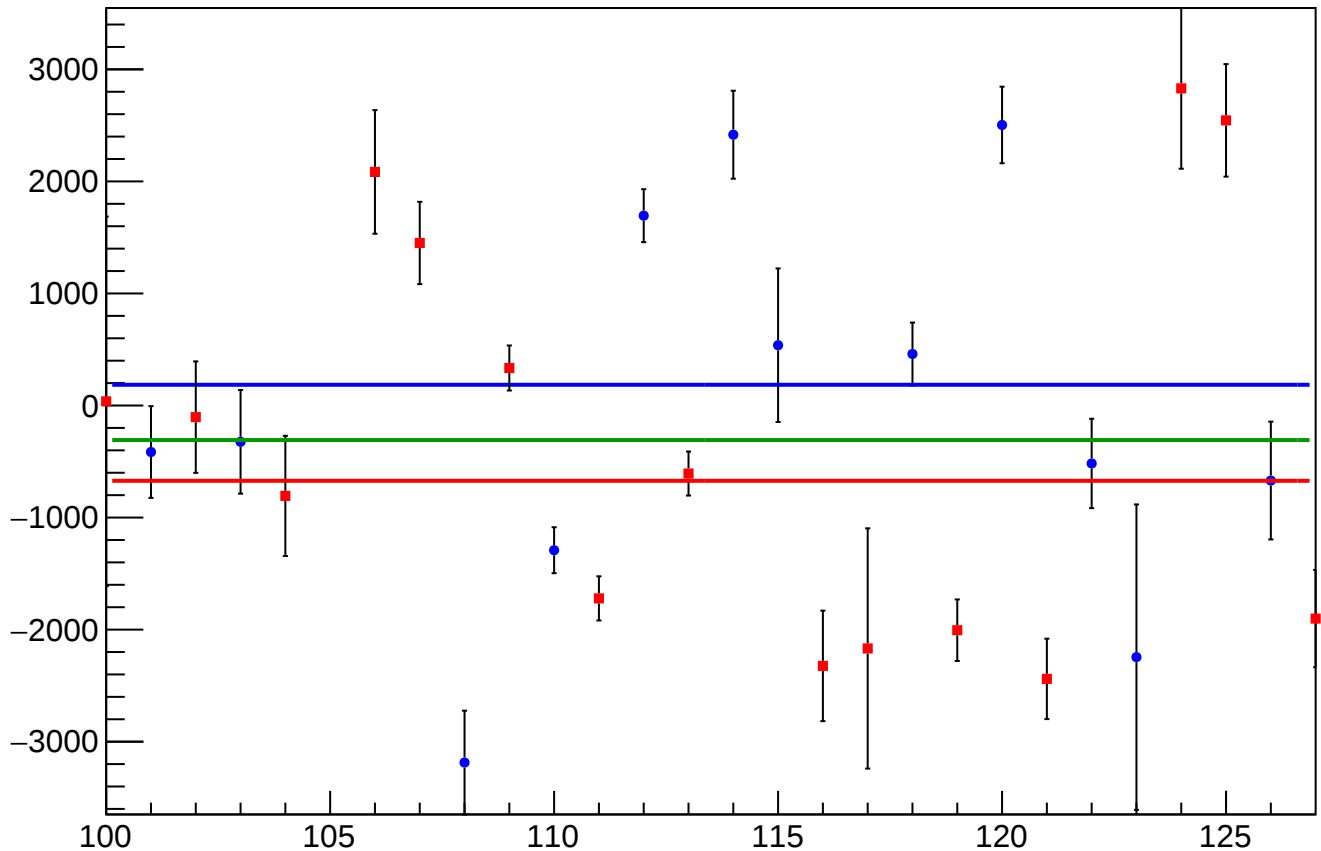
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.238+/-0.173 χ^2/NDF : 1931153.5/11

452.058+/-0.129 χ^2/NDF : 4837561.4/26

513.638+/-0.194 χ^2/NDF : 2726600.6/14

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 185.082 ± 101.323 χ^2/NDF : 237.6/11

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

Right Out: -671.840 ± 86.957 χ^2/NDF : 247.4/14

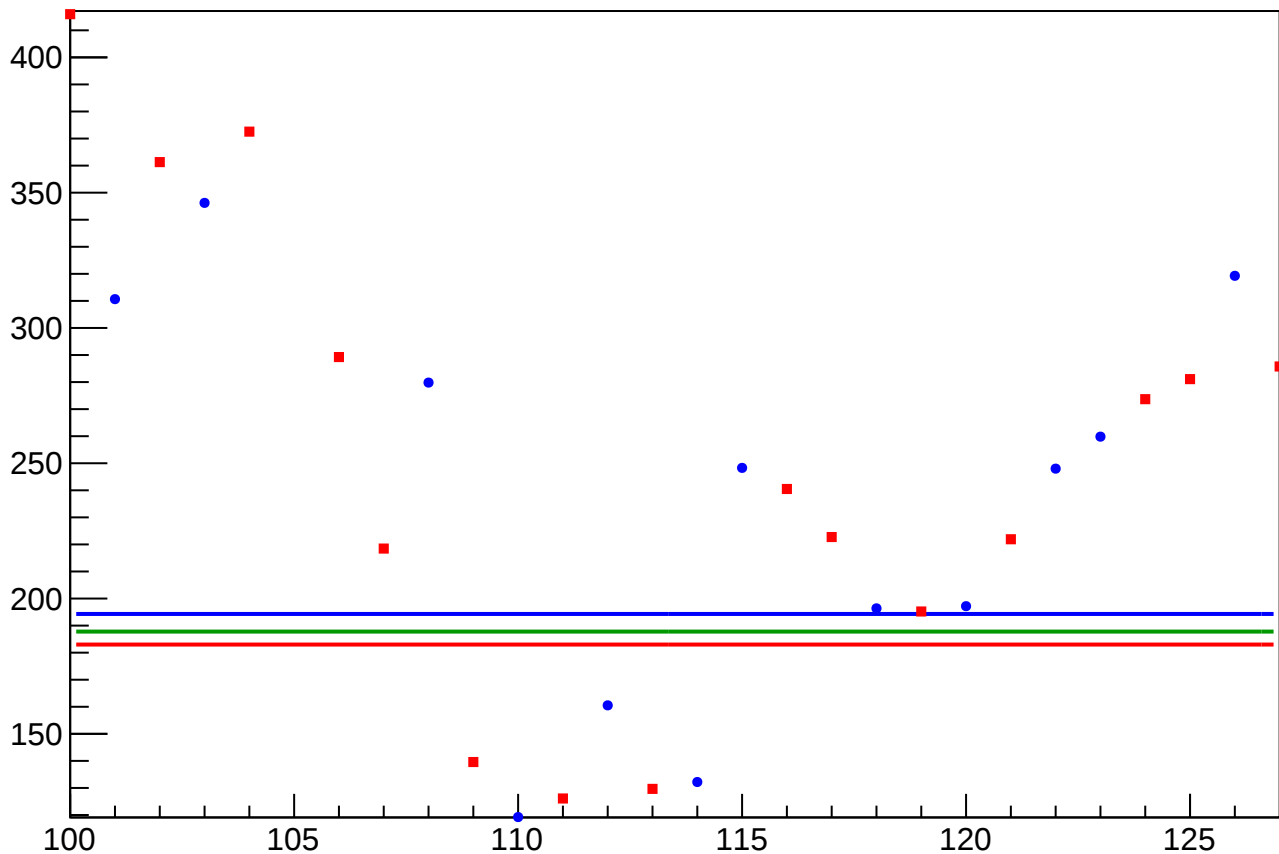
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

185.082 ± 101.323 χ^2/NDF : 237.6/11

-308.387 ± 65.988 χ^2/NDF : 526.2/26

-671.840 ± 86.957 χ^2/NDF : 247.4/14

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 194.303+/-0.072 χ^2/NDF : 971416.9/11

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

Right Out: 182.996+/-0.061 χ^2/NDF : 1324859.1/14

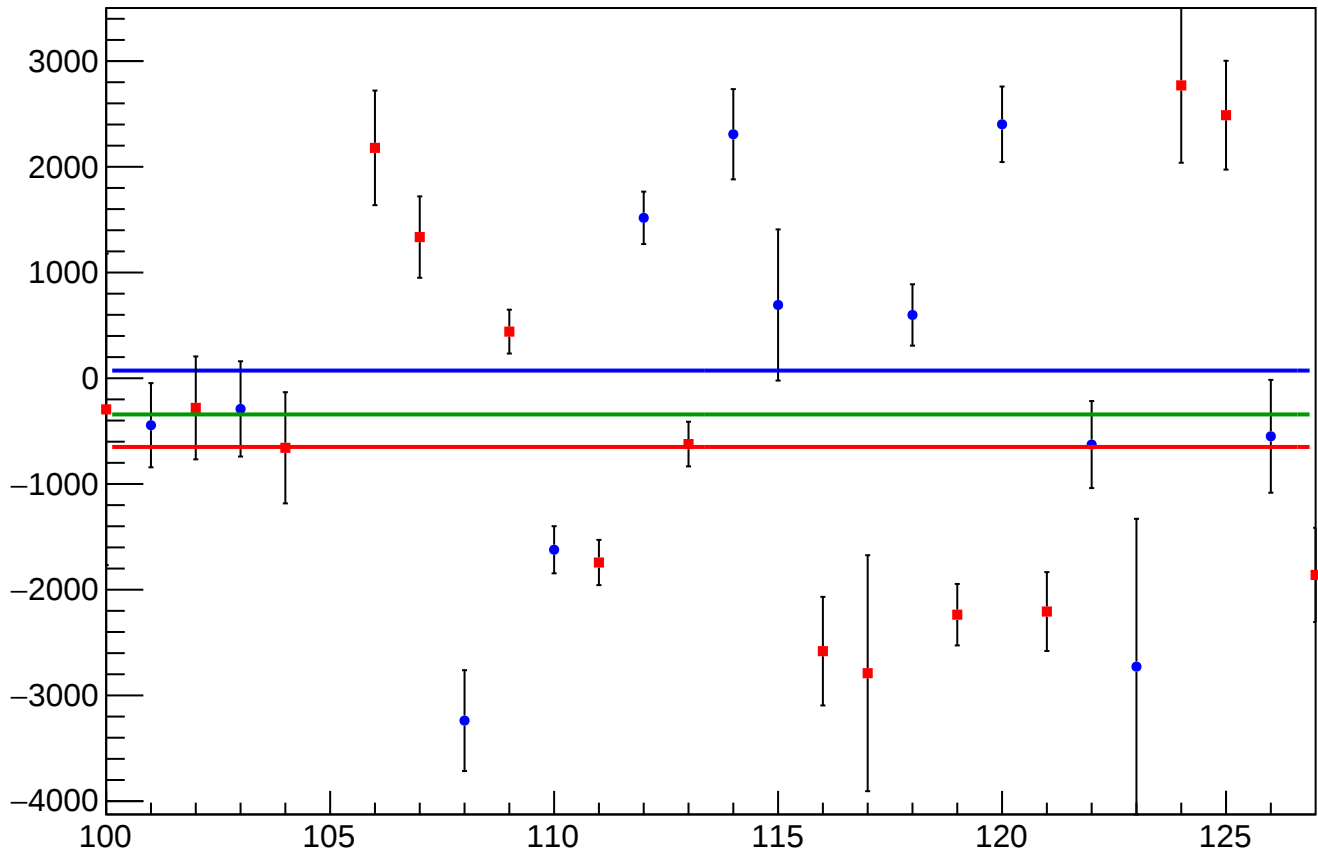
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.303+/-0.072 χ^2/NDF : 971416.9/11

187.792+/-0.047 χ^2/NDF : 2310620.0/26

182.996+/-0.061 χ^2/NDF : 1324859.1/14

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 72.626+/-105.933 χ^2/NDF : 224.6/11

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

Right Out: -649.799+/-91.203 χ^2/NDF : 239.6/14

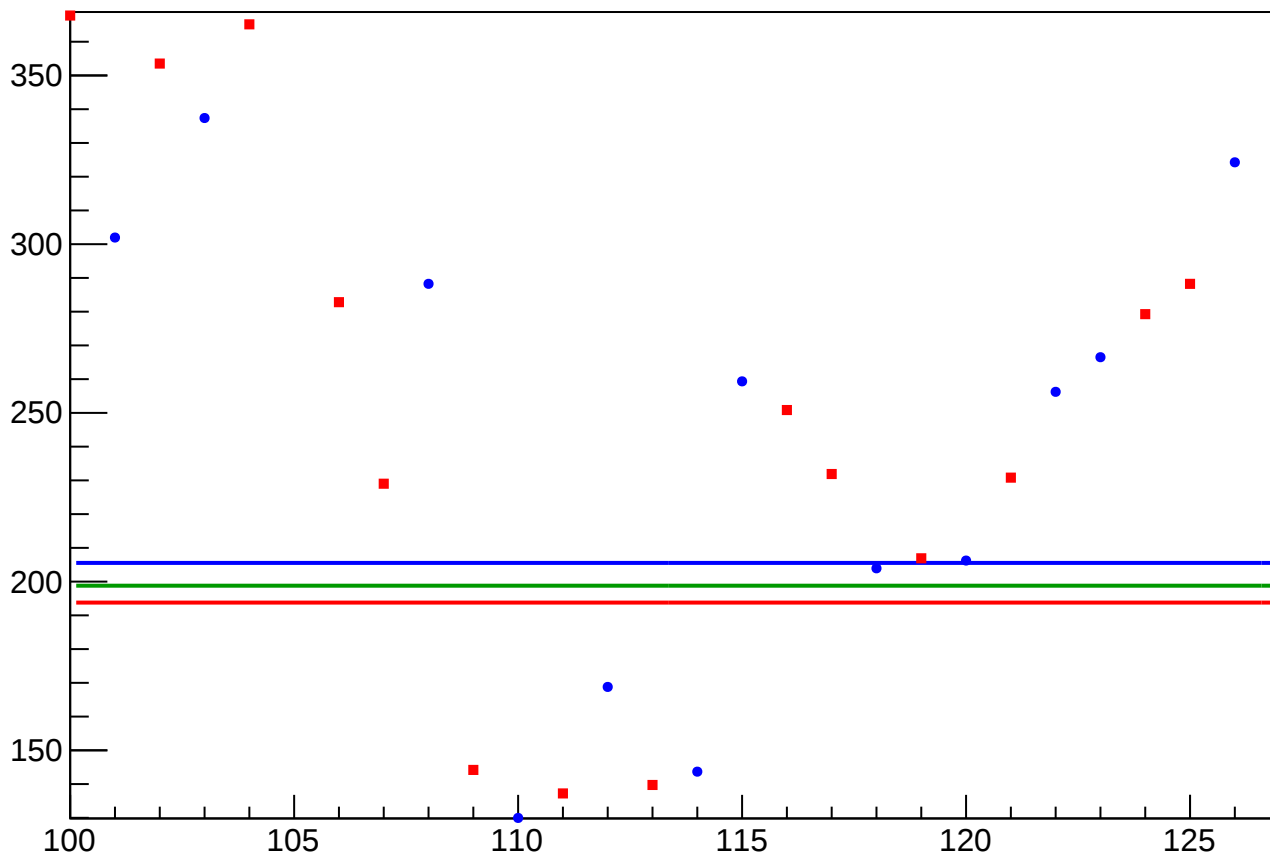
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.626+/-105.933 χ^2/NDF : 224.6/11

-342.269+/-69.116 χ^2/NDF : 490.9/26

-649.799+/-91.203 χ^2/NDF : 239.6/14

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 205.542 ± 0.075 $\chi^2/\text{NDF}: 809239.3/11$

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

Right Out: 193.784 ± 0.064 $\chi^2/\text{NDF}: 1156563.9/14$

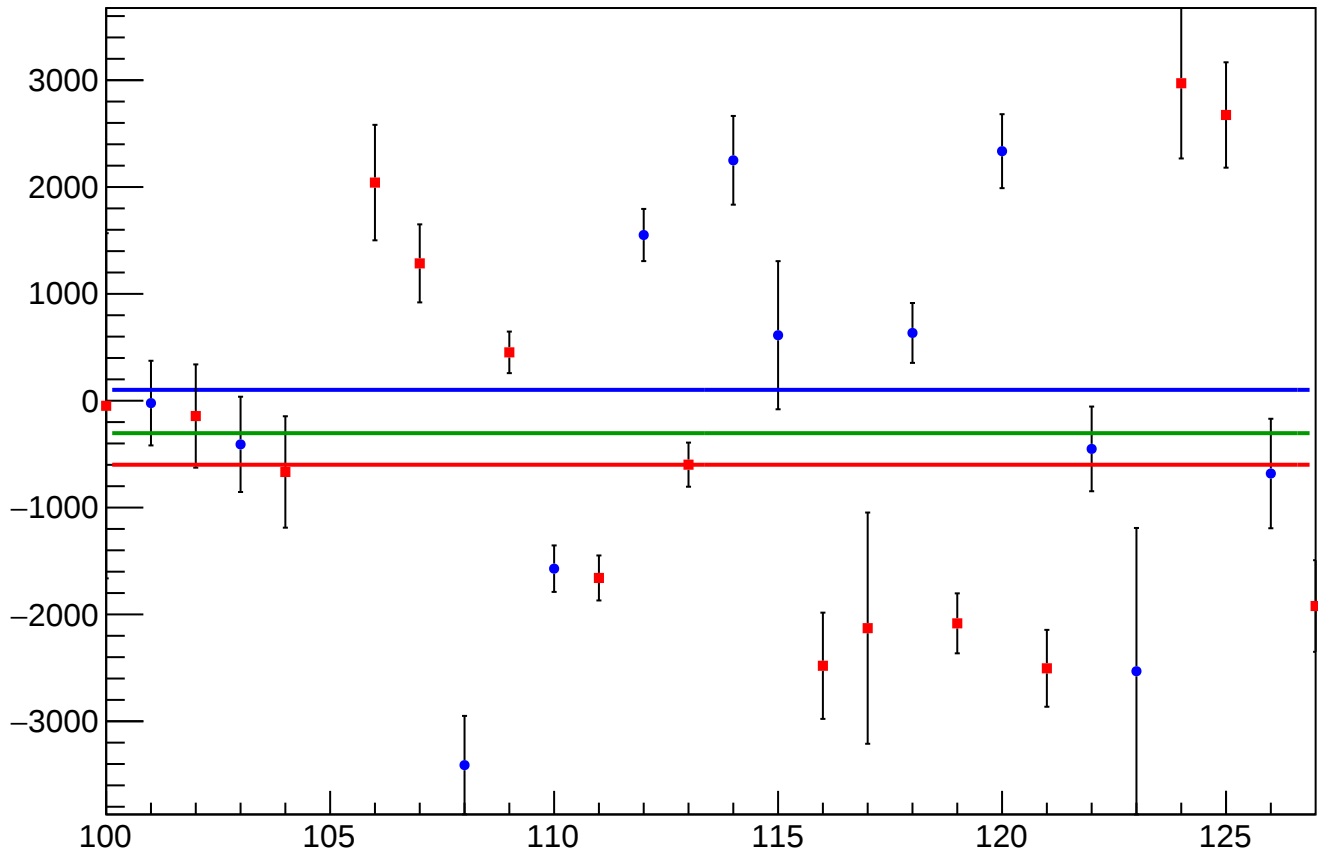
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

205.542 ± 0.075 $\chi^2/\text{NDF}: 809239.3/11$

198.789 ± 0.049 $\chi^2/\text{NDF}: 1979953.4/26$

193.784 ± 0.064 $\chi^2/\text{NDF}: 1156563.9/14$

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 101.778+/-103.300 χ^2/NDF : 234.7/11

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

Right Out: -599.051+/-88.178 χ^2/NDF : 257.7/14

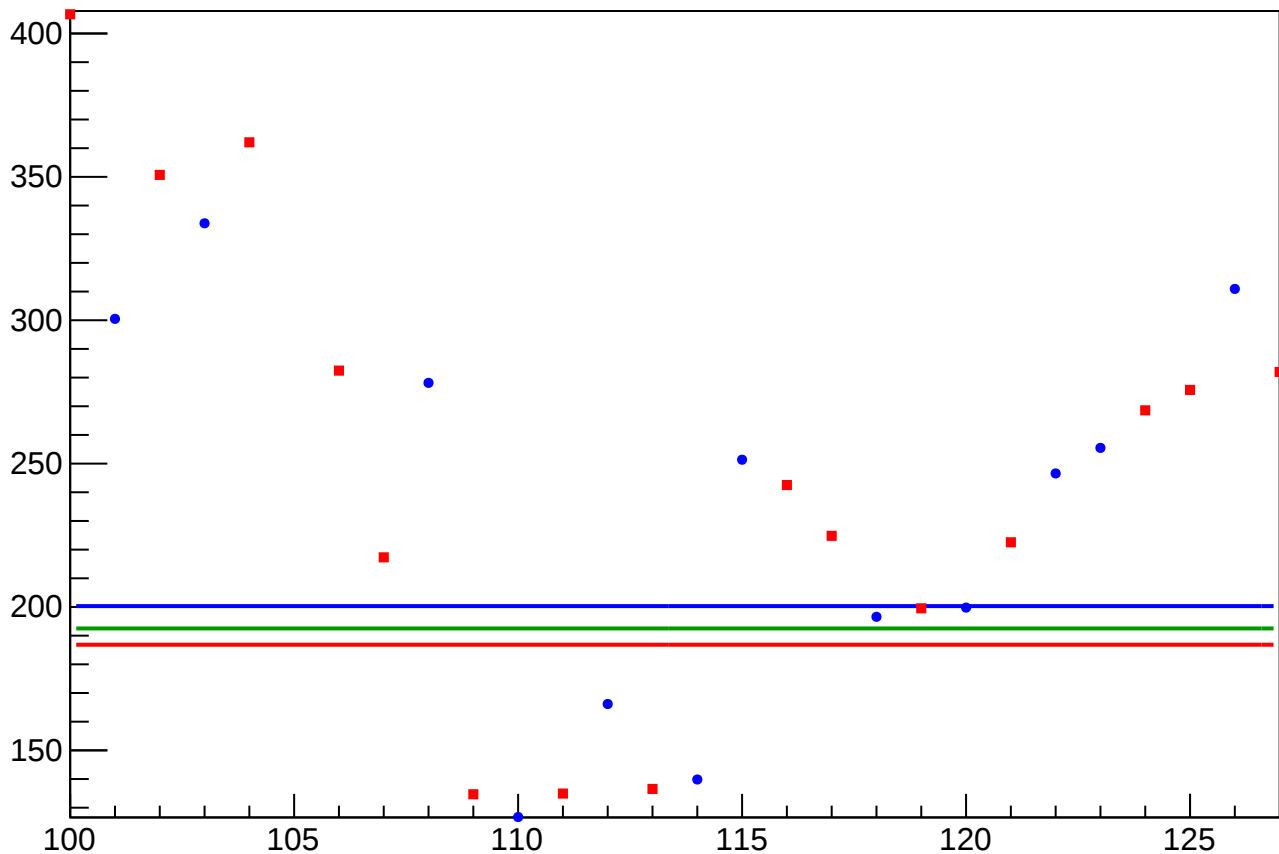
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

101.778+/-103.300 χ^2/NDF : 234.7/11

-303.642+/-67.067 χ^2/NDF : 519.0/26

-599.051+/-88.178 χ^2/NDF : 257.7/14

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 200.303 ± 0.073 $\chi^2/\text{NDF}: 809626.6/11$

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

Right Out: 186.834 ± 0.062 $\chi^2/\text{NDF}: 1195265.8/14$

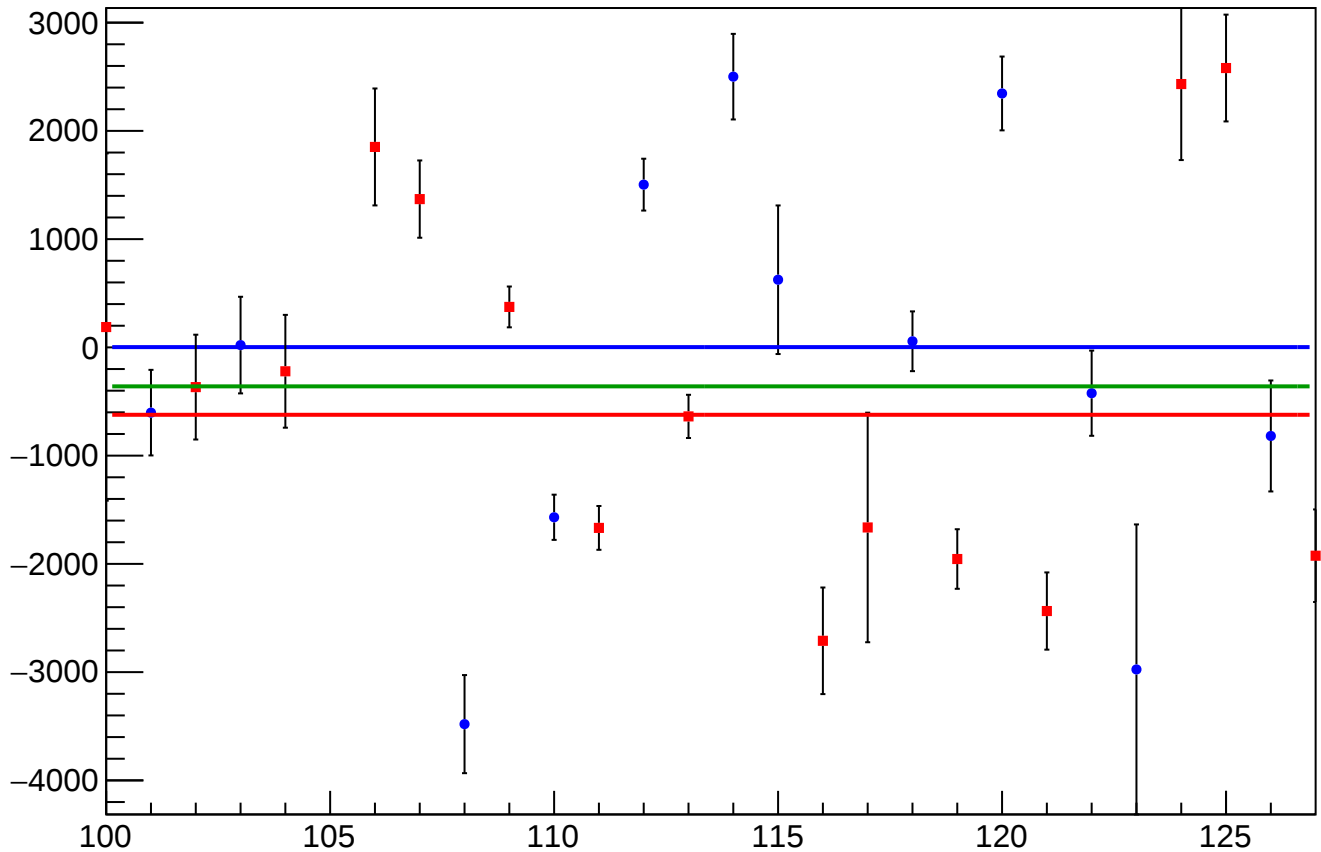
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

200.303 ± 0.073 $\chi^2/\text{NDF}: 809626.6/11$

192.511 ± 0.047 $\chi^2/\text{NDF}: 2024562.3/26$

186.834 ± 0.062 $\chi^2/\text{NDF}: 1195265.8/14$

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 2.564+/-101.160 χ^2/NDF : 254.1/11

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

Right Out: -622.656+/-86.086 χ^2/NDF : 246.4/14

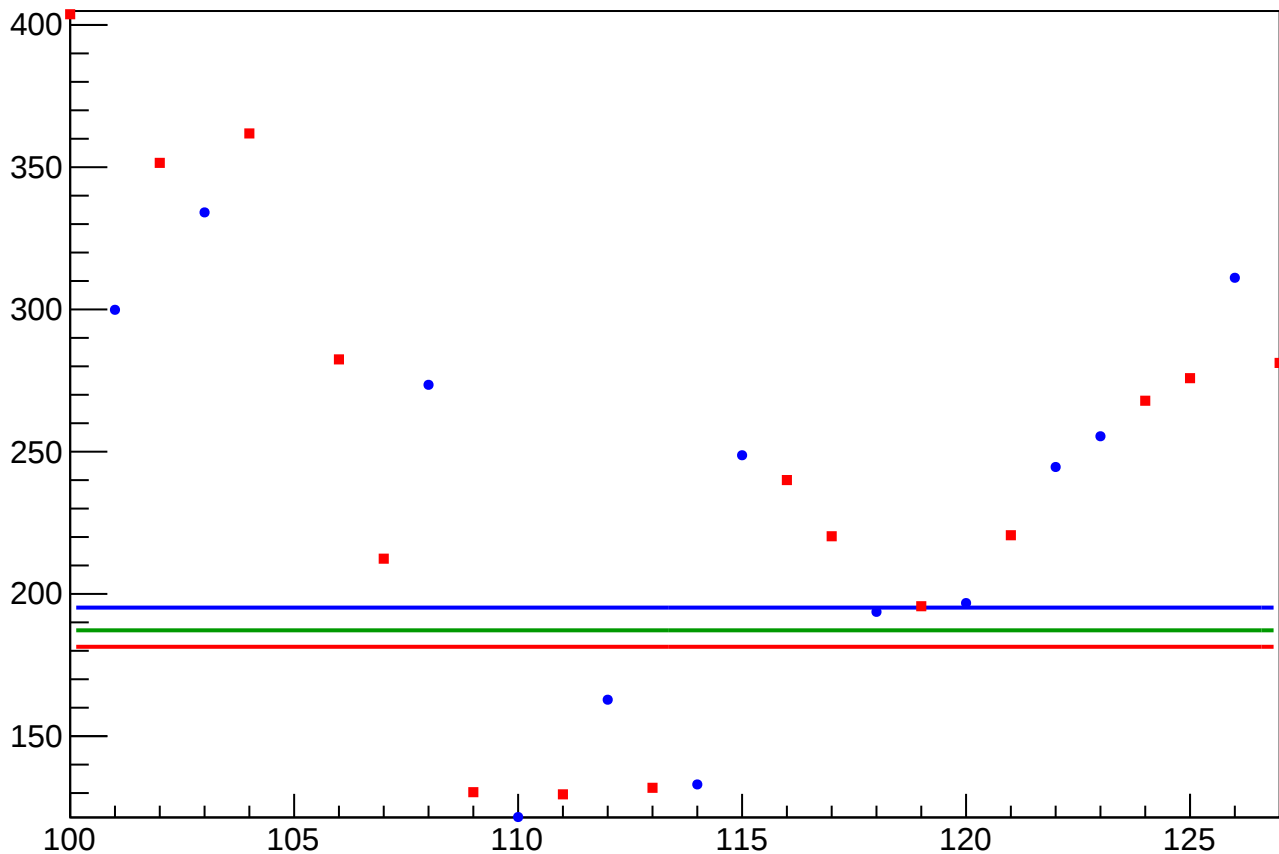
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.564+/-101.160 χ^2/NDF : 254.1/11

-360.053+/-65.560 χ^2/NDF : 522.7/26

-622.656+/-86.086 χ^2/NDF : 246.4/14

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 195.191+/-0.072 χ^2/NDF : 878655.3/11

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

Right Out: 181.415+/-0.061 χ^2/NDF : 1284932.9/14

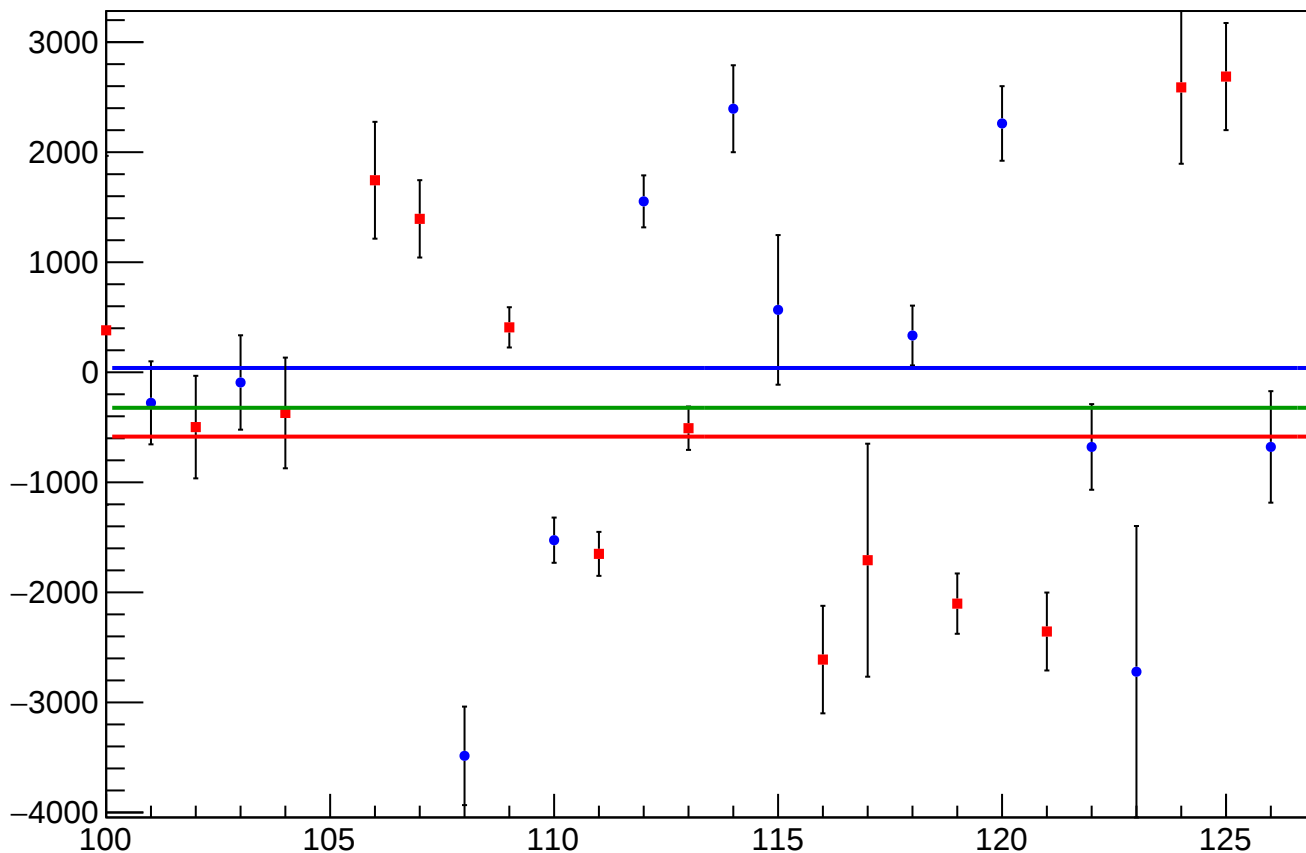
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.191+/-0.072 χ^2/NDF : 878655.3/11

187.201+/-0.046 χ^2/NDF : 2185098.1/26

181.415+/-0.061 χ^2/NDF : 1284932.9/14

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 39.099+/-99.531 χ^2/NDF : 252.0/11

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

Right Out: -584.515+/-84.653 χ^2/NDF : 259.6/14

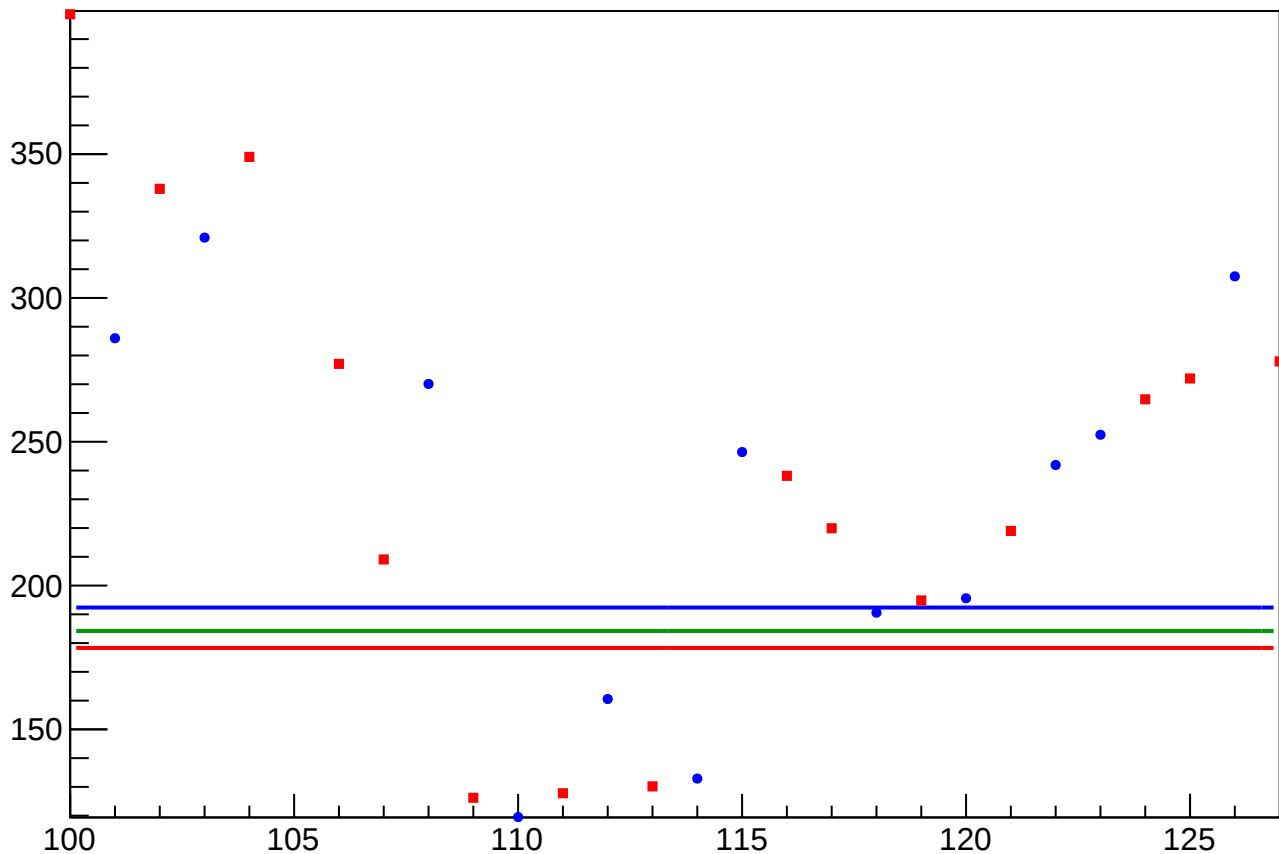
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

39.099+/-99.531 χ^2/NDF : 252.0/11

-322.756+/-64.484 χ^2/NDF : 534.3/26

-584.515+/-84.653 χ^2/NDF : 259.6/14

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 192.363+/-0.070 χ^2/NDF : 849023.2/11

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

Right Out: 178.320+/-0.060 χ^2/NDF : 1280758.8/14

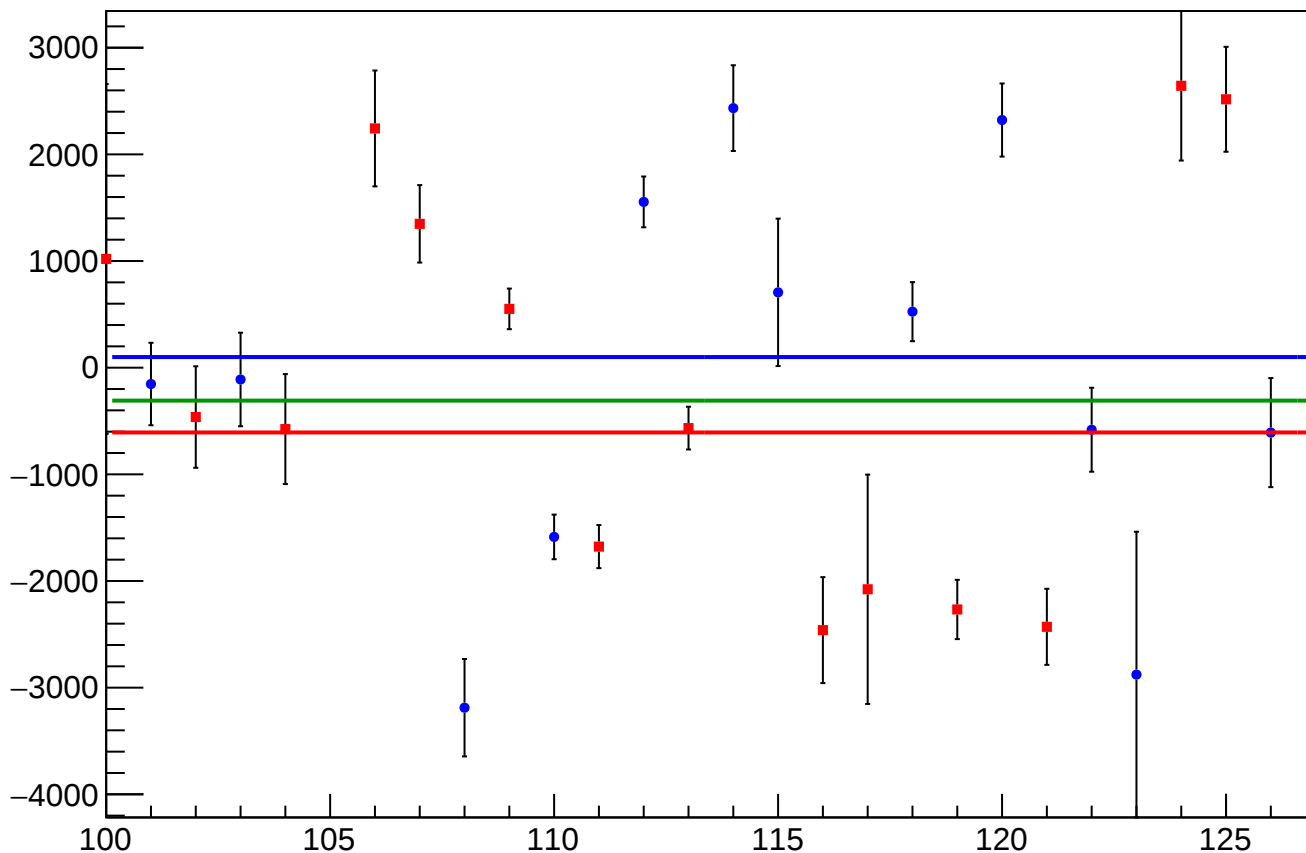
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.363+/-0.070 χ^2/NDF : 849023.2/11

184.214+/-0.046 χ^2/NDF : 2152882.2/26

178.320+/-0.060 χ^2/NDF : 1280758.8/14

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 99.607+/-101.093 χ^2/NDF : 243.6/11

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

Right Out: -607.311+/-86.441 χ^2/NDF : 272.5/14

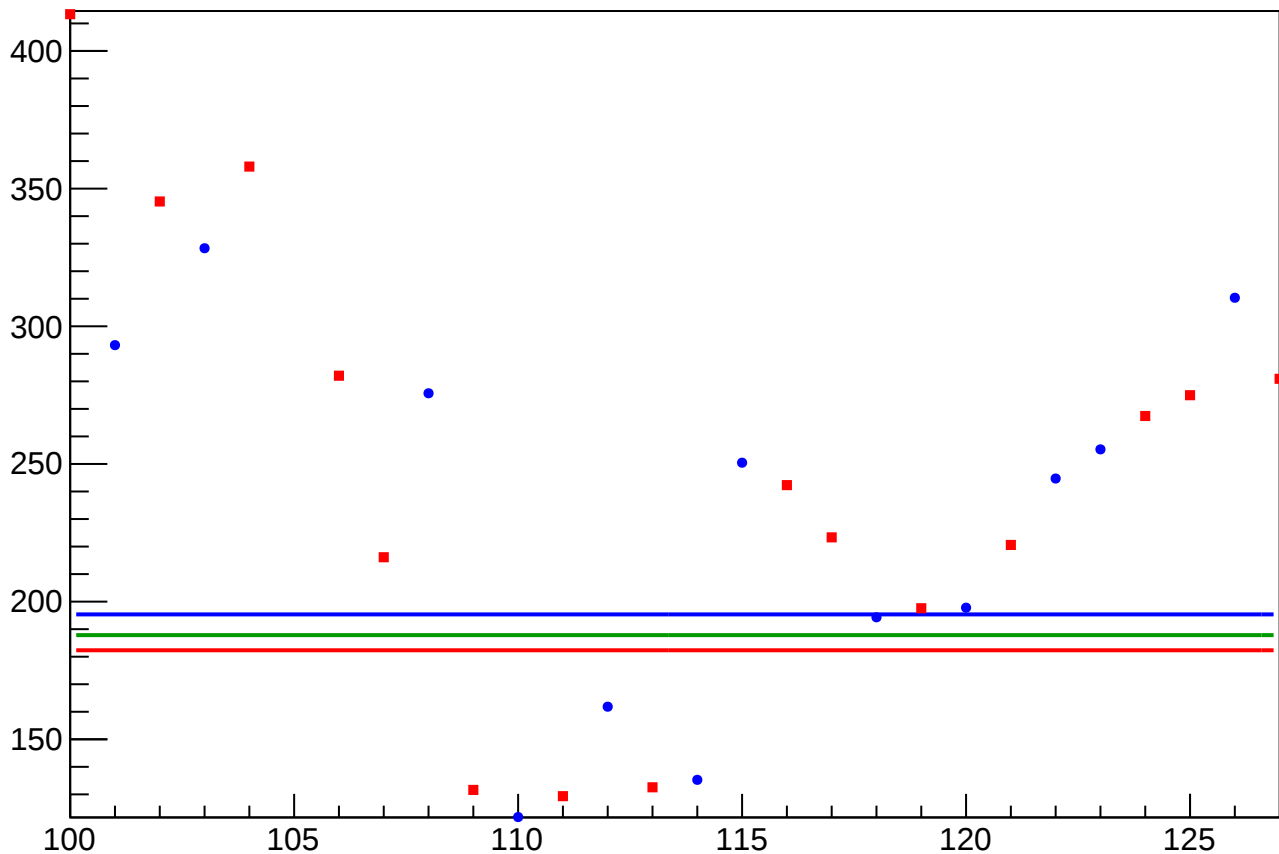
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

99.607+/-101.093 χ^2/NDF : 243.6/11

-308.749+/-65.698 χ^2/NDF : 544.3/26

-607.311+/-86.441 χ^2/NDF : 272.5/14

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 195.364+/-0.071 χ^2/NDF : 855049.0/11

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

Right Out: 182.334+/-0.061 χ^2/NDF : 1261804.5/14

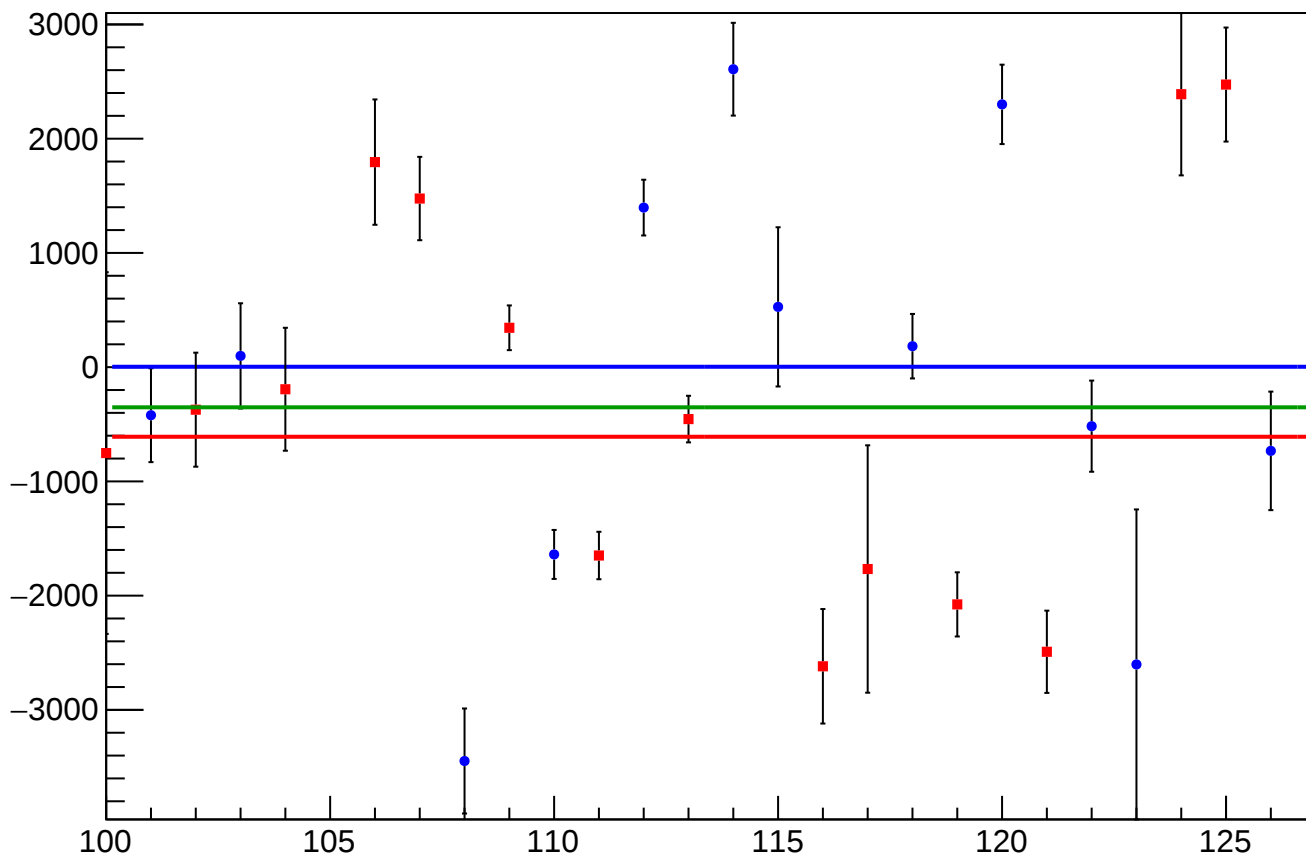
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.364+/-0.071 χ^2/NDF : 855049.0/11

187.837+/-0.046 χ^2/NDF : 2136044.8/26

182.334+/-0.061 χ^2/NDF : 1261804.5/14

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 3.552 ± 103.453 χ^2/NDF : 242.0/11

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

Right Out: -609.170 ± 88.178 χ^2/NDF : 238.3/14

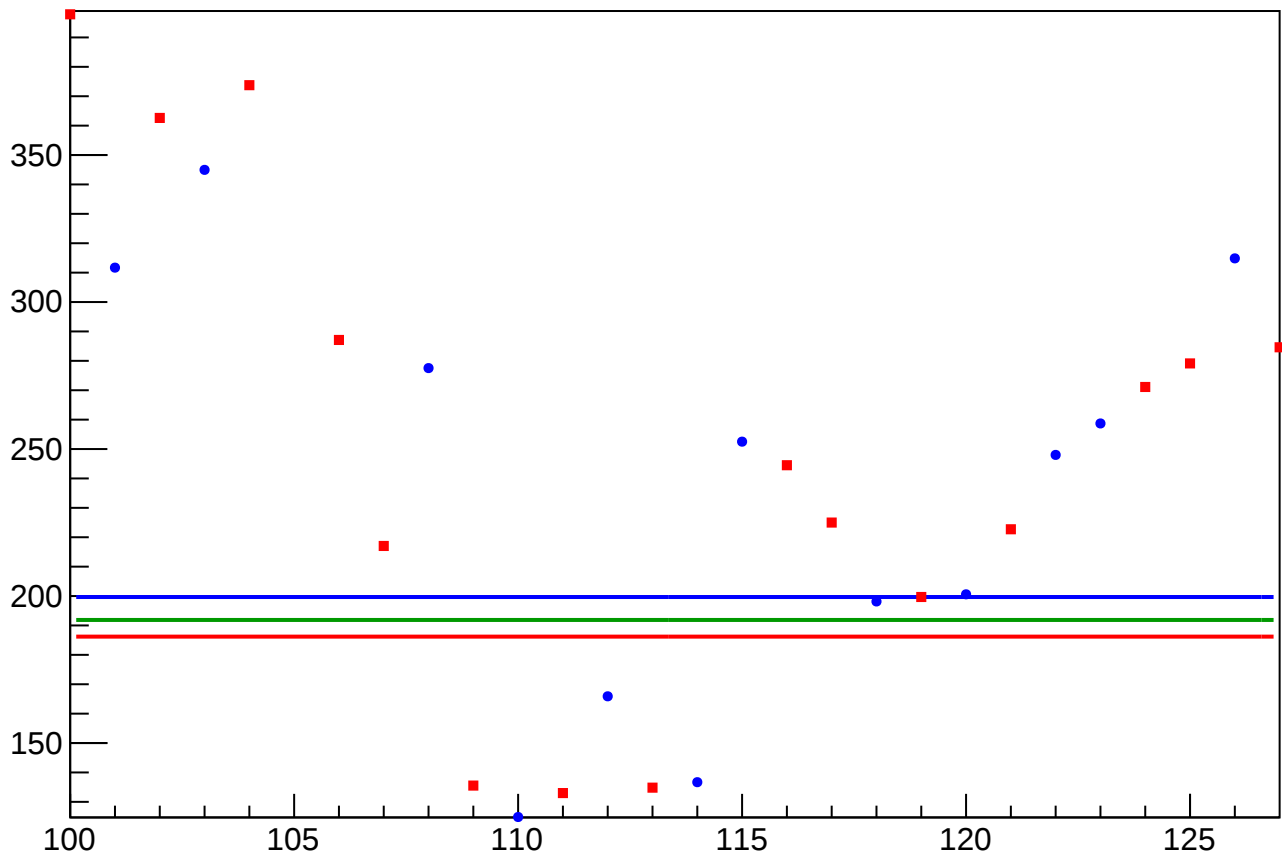
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.552 ± 103.453 χ^2/NDF : 242.0/11

-351.342 ± 67.108 χ^2/NDF : 500.7/26

-609.170 ± 88.178 χ^2/NDF : 238.3/14

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 199.670+/-0.073 χ^2/NDF : 878599.3/11

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

Right Out: 186.198+/-0.062 χ^2/NDF : 1259010.6/14

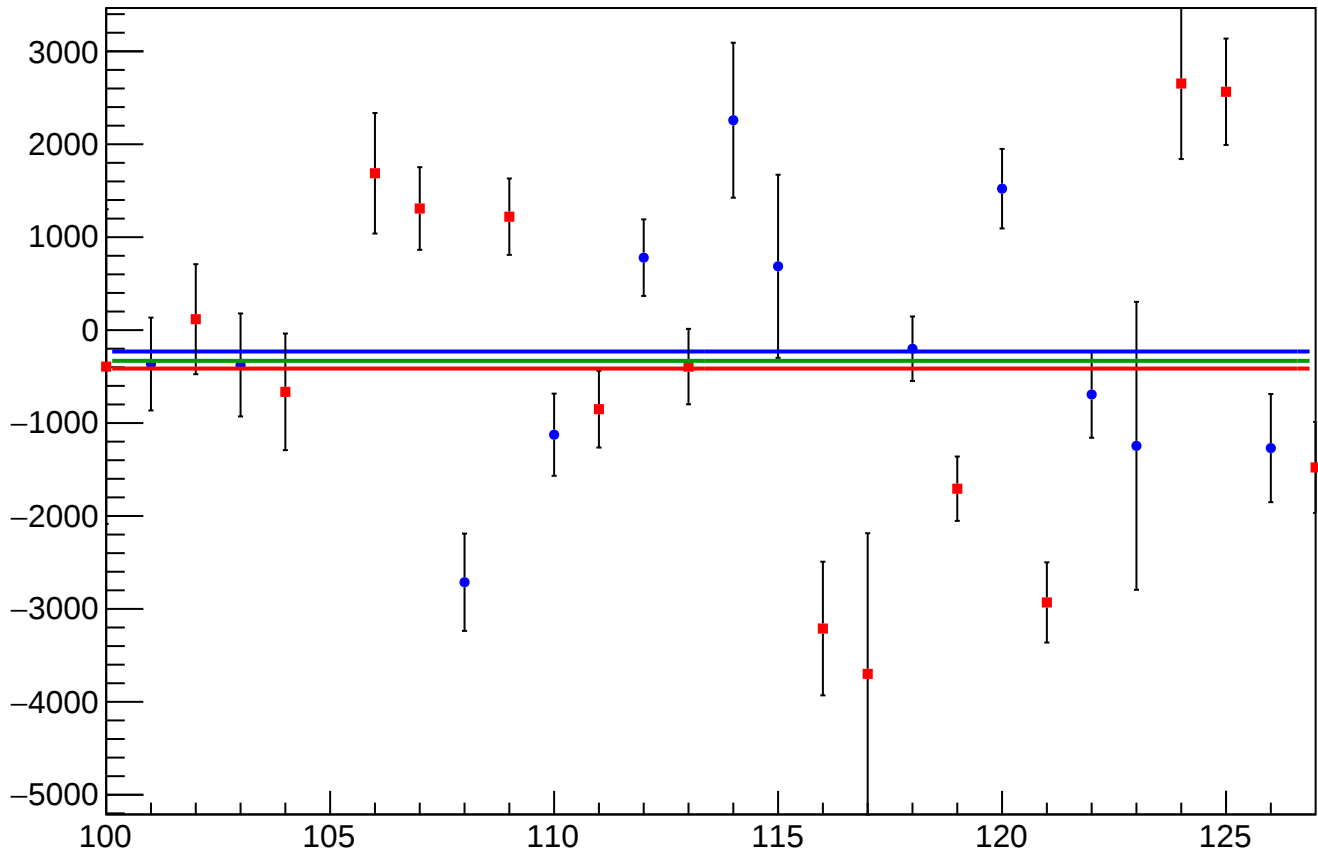
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.670+/-0.073 χ^2/NDF : 878599.3/11

191.867+/-0.047 χ^2/NDF : 2157254.7/26

186.198+/-0.062 χ^2/NDF : 1259010.6/14

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -229.950+/-147.246 χ^2/NDF : 63.9/11

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

Right Out: -413.676+/-133.819 χ^2/NDF : 157.2/14

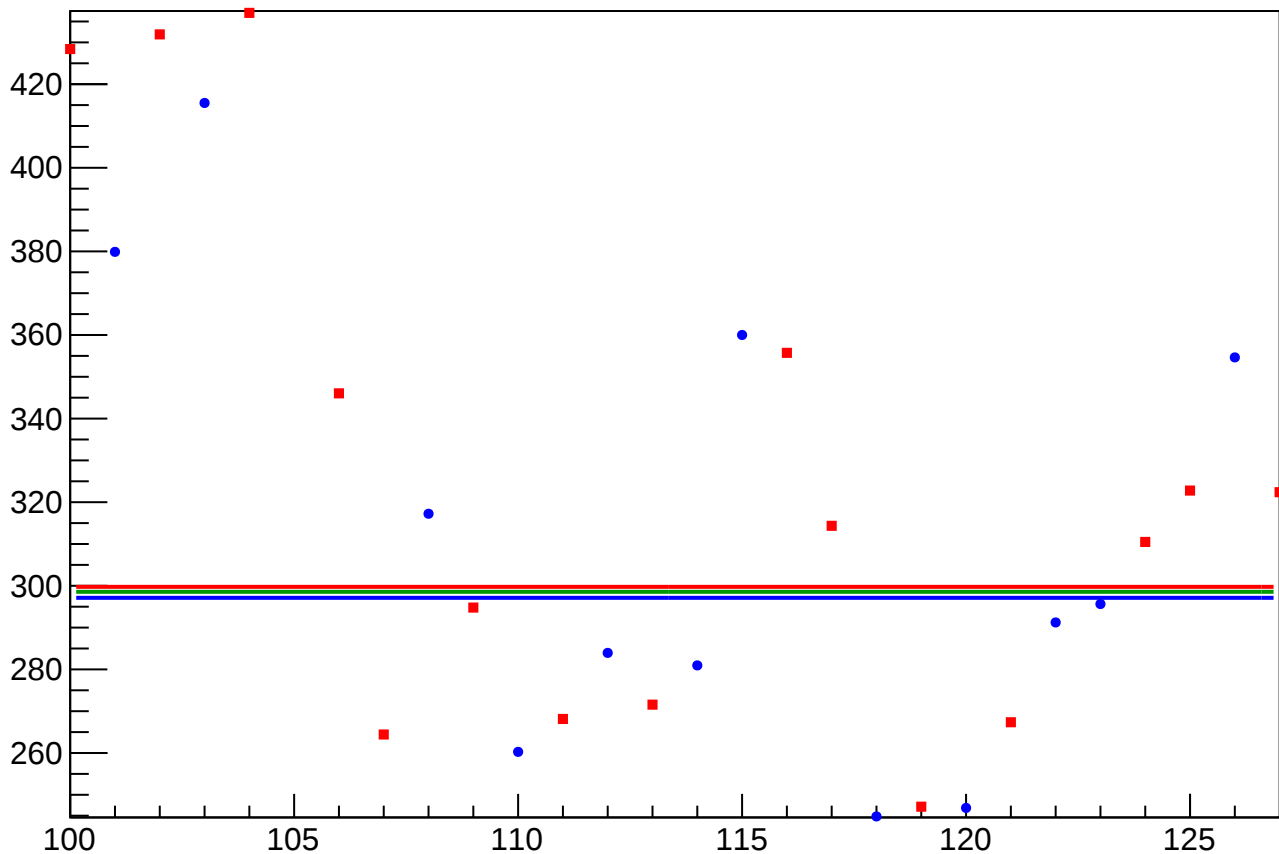
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-229.950+/-147.246 χ^2/NDF : 63.9/11

-330.570+/-99.032 χ^2/NDF : 222.0/26

-413.676+/-133.819 χ^2/NDF : 157.2/14

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 297.123+/-0.104 χ^2/NDF : 266799.4/11

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

Right Out: 299.750+/-0.095 χ^2/NDF : 329068.0/14

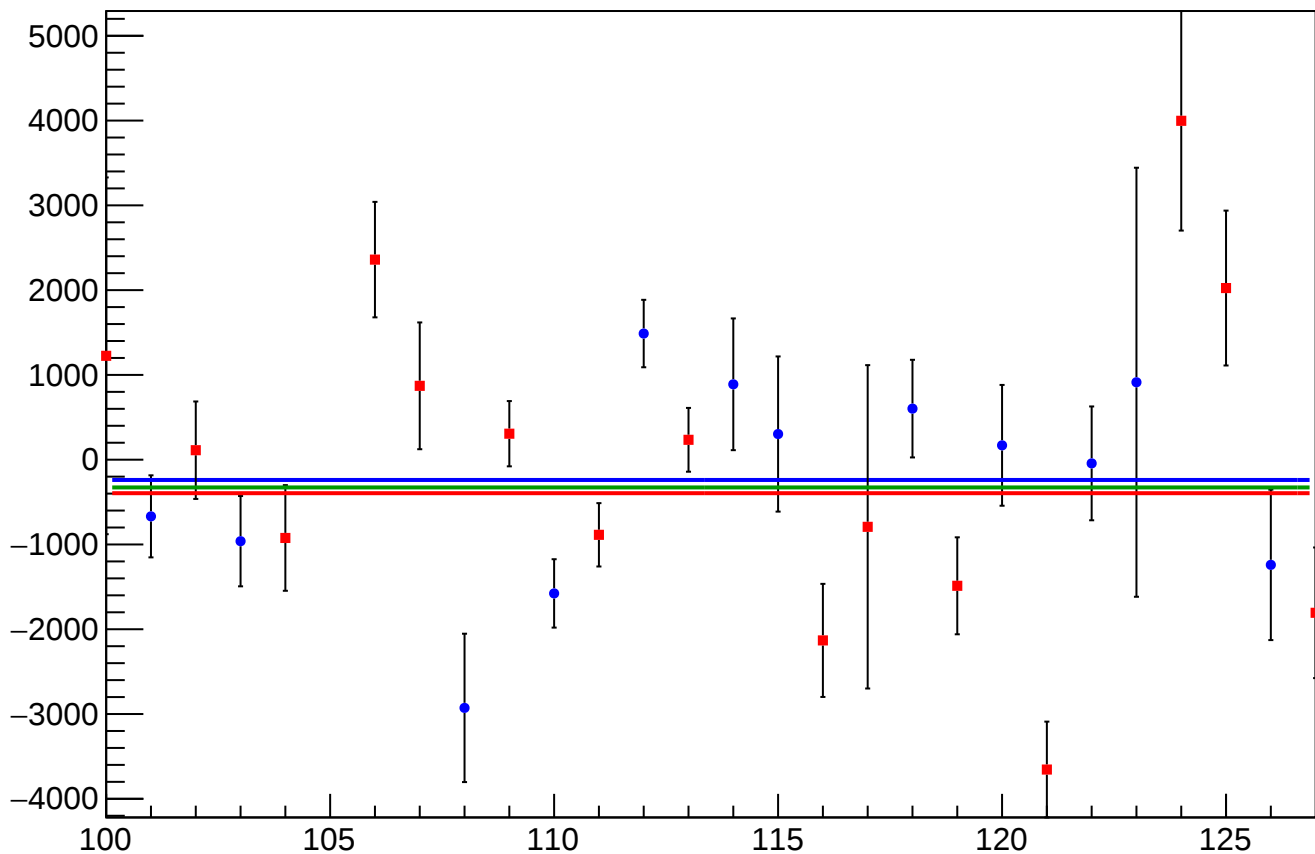
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

297.123+/-0.104 χ^2/NDF : 266799.4/11

298.562+/-0.070 χ^2/NDF : 596216.0/26

299.750+/-0.095 χ^2/NDF : 329068.0/14

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -239.101+/-173.946 χ^2/NDF : 48.4/11

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

Right Out: -395.212+/-152.612 χ^2/NDF : 94.8/14

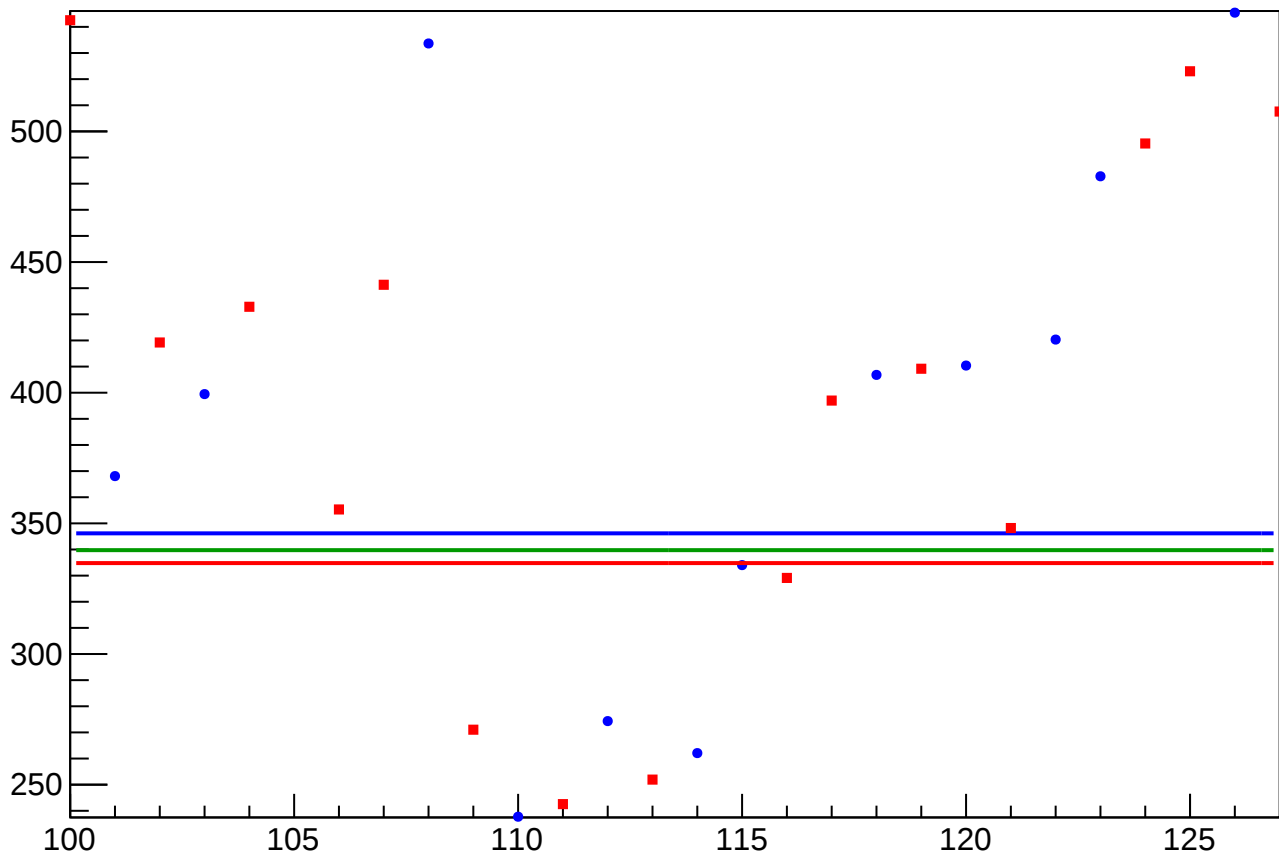
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-239.101+/-173.946 χ^2/NDF : 48.4/11

-327.312+/-114.718 χ^2/NDF : 143.7/26

-395.212+/-152.612 χ^2/NDF : 94.8/14

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 346.181+/-0.123 χ^2/NDF : 519046.4/11

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

Right Out: 334.798+/-0.108 χ^2/NDF : 681845.5/14

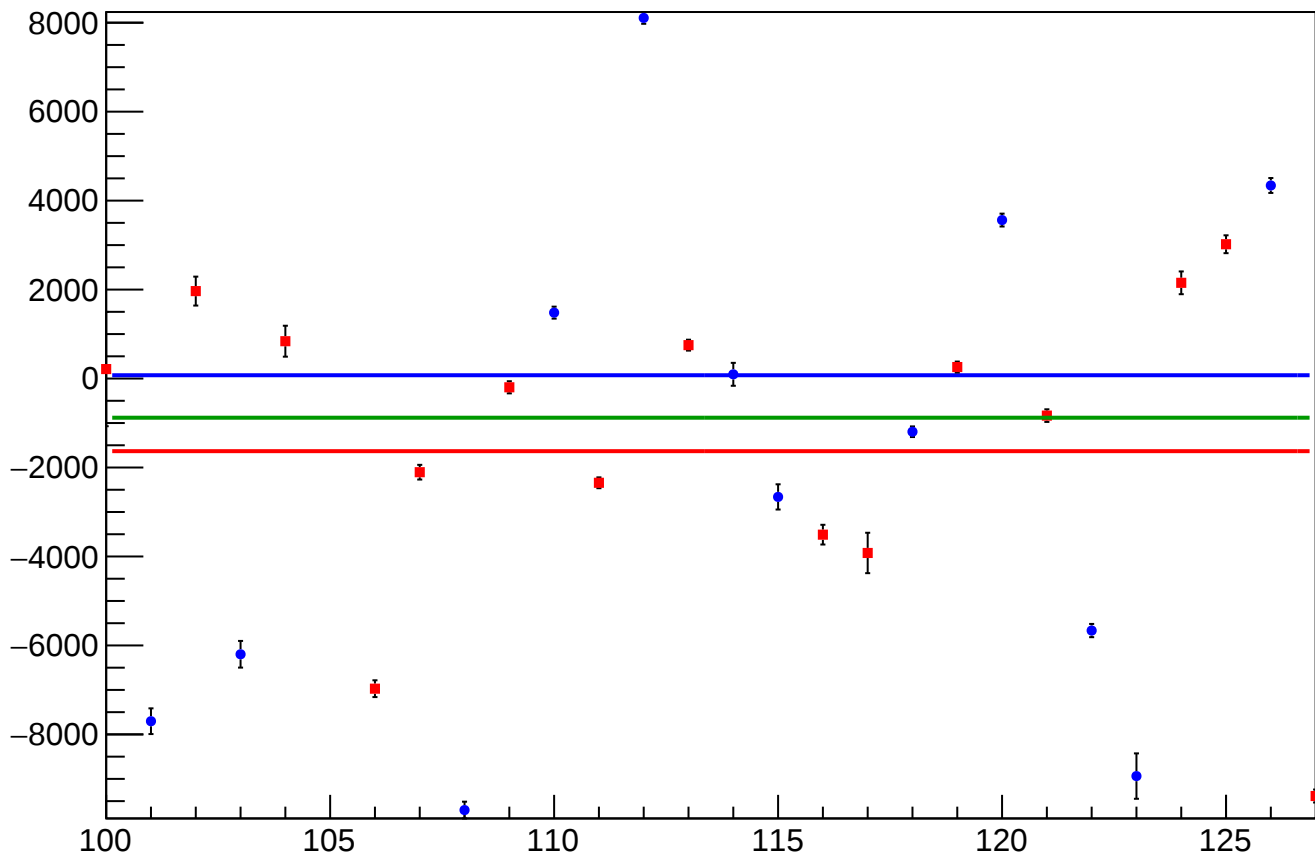
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

346.181+/-0.123 χ^2/NDF : 519046.4/11

339.749+/-0.081 χ^2/NDF : 1205731.4/26

334.798+/-0.108 χ^2/NDF : 681845.5/14

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 74.528+/-50.441 χ^2/NDF : 10864.3/11

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

Right Out: -1632.457+/-44.772 χ^2/NDF : 5458.1/14

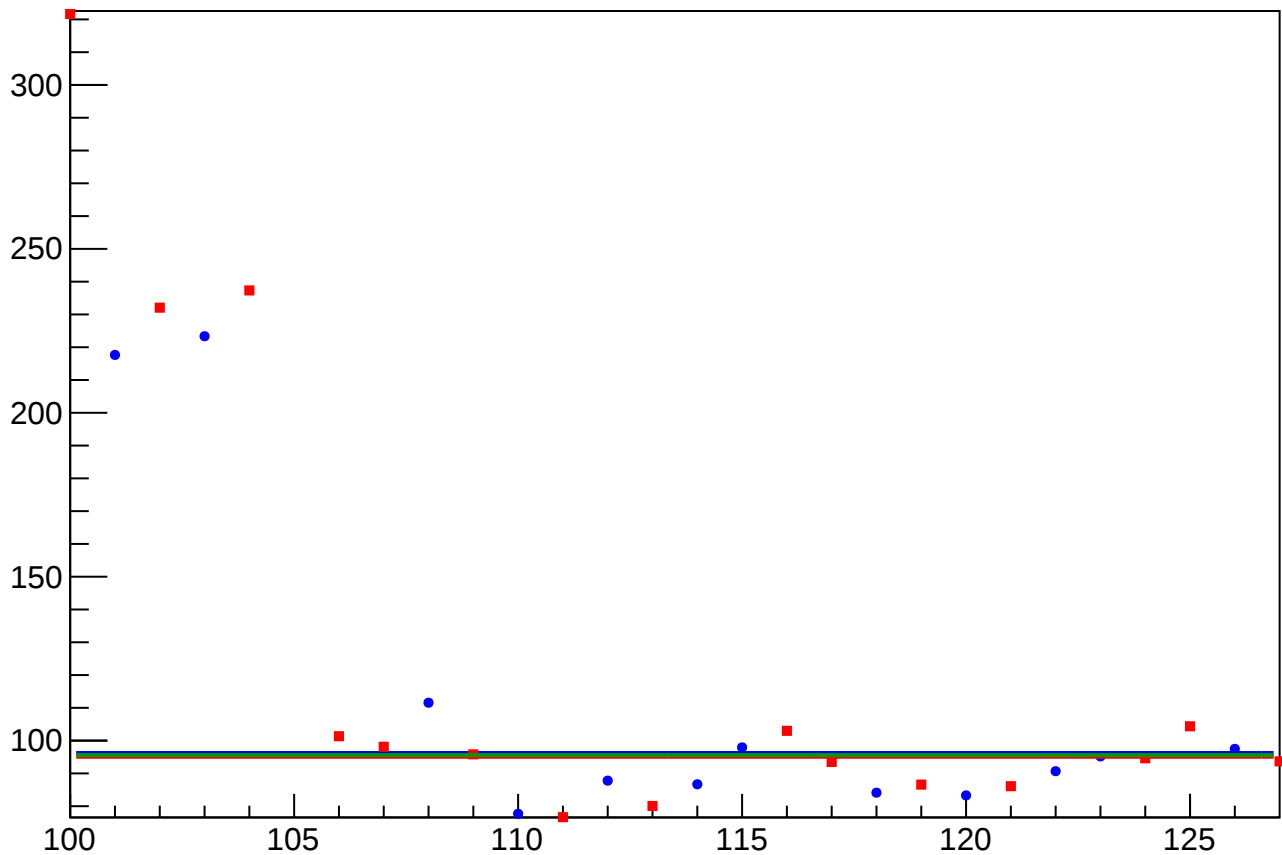
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.528+/-50.441 χ^2/NDF : 10864.3/11

-880.241+/-33.484 χ^2/NDF : 16963.0/26

-1632.457+/-44.772 χ^2/NDF : 5458.1/14

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.222+/-0.036 χ^2/NDF : 814115.1/11

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

Right Out: 95.072+/-0.032 χ^2/NDF : 855027.3/14

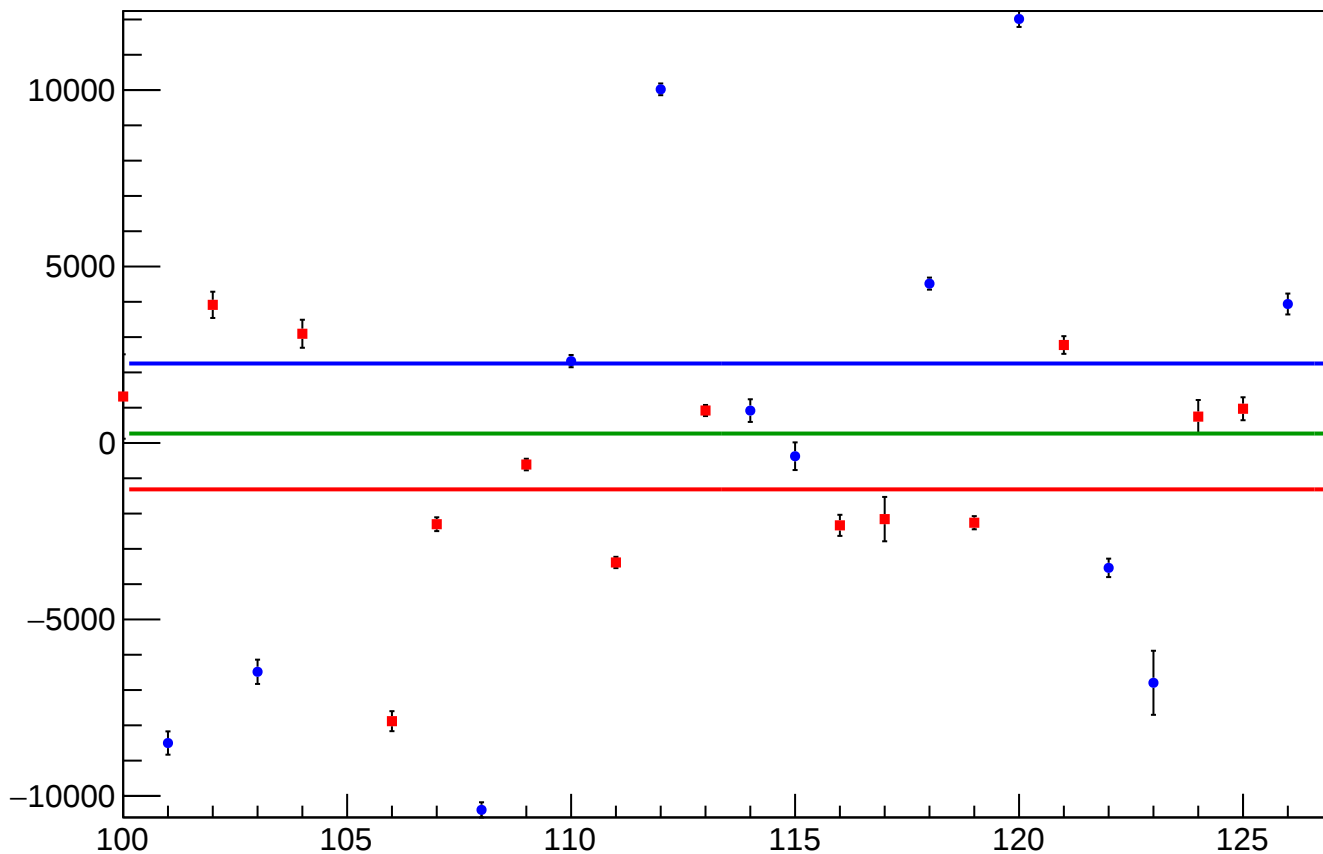
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.222+/-0.036 χ^2/NDF : 814115.1/11

95.579+/-0.024 χ^2/NDF : 1669723.9/26

95.072+/-0.032 χ^2/NDF : 855027.3/14

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2252.210+/-69.691 χ^2/NDF : 10065.4/11

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

Right Out: -1314.341+/-62.221 χ^2/NDF : 1810.9/14

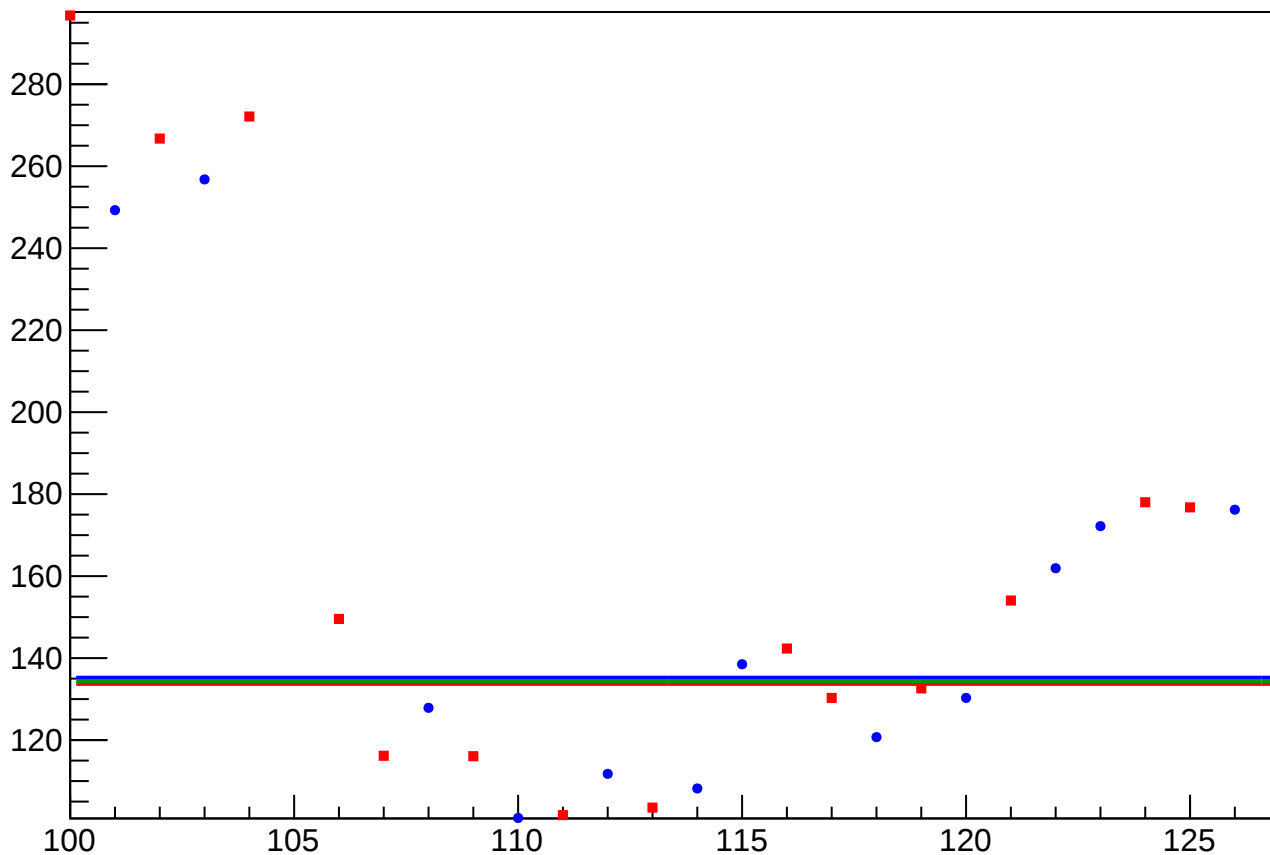
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2252.210+/-69.691 χ^2/NDF : 10065.4/11

267.609+/-46.414 χ^2/NDF : 13333.6/26

-1314.341+/-62.221 χ^2/NDF : 1810.9/14

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 135.219+/-0.049 χ^2/NDF : 699710.7/11

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

Right Out: 133.713+/-0.044 χ^2/NDF : 827424.3/14

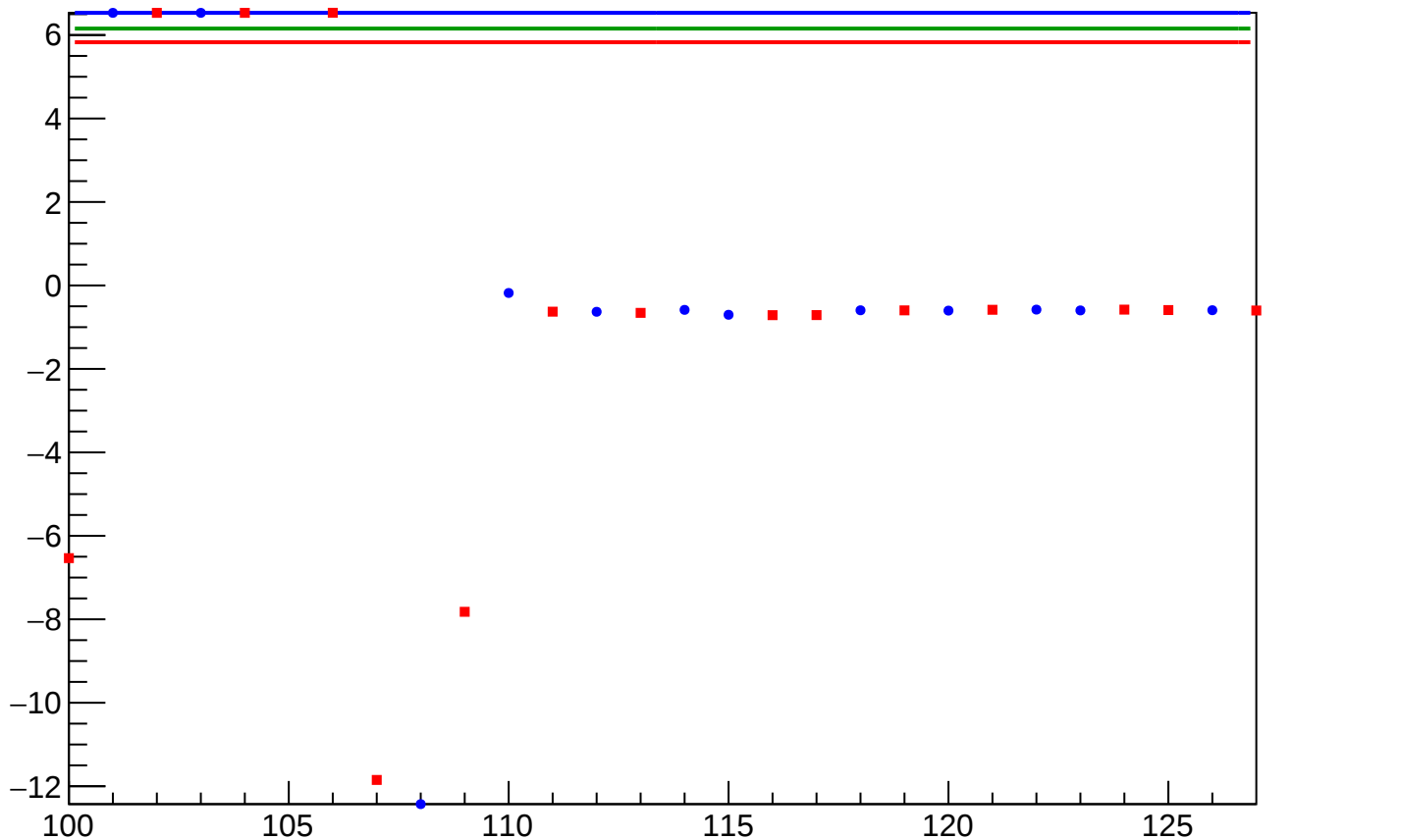
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.219+/-0.049 χ^2/NDF : 699710.7/11

134.381+/-0.033 χ^2/NDF : 1527655.0/26

133.713+/-0.044 χ^2/NDF : 827424.3/14

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 63669051012.1/11

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755909144452987.6/14

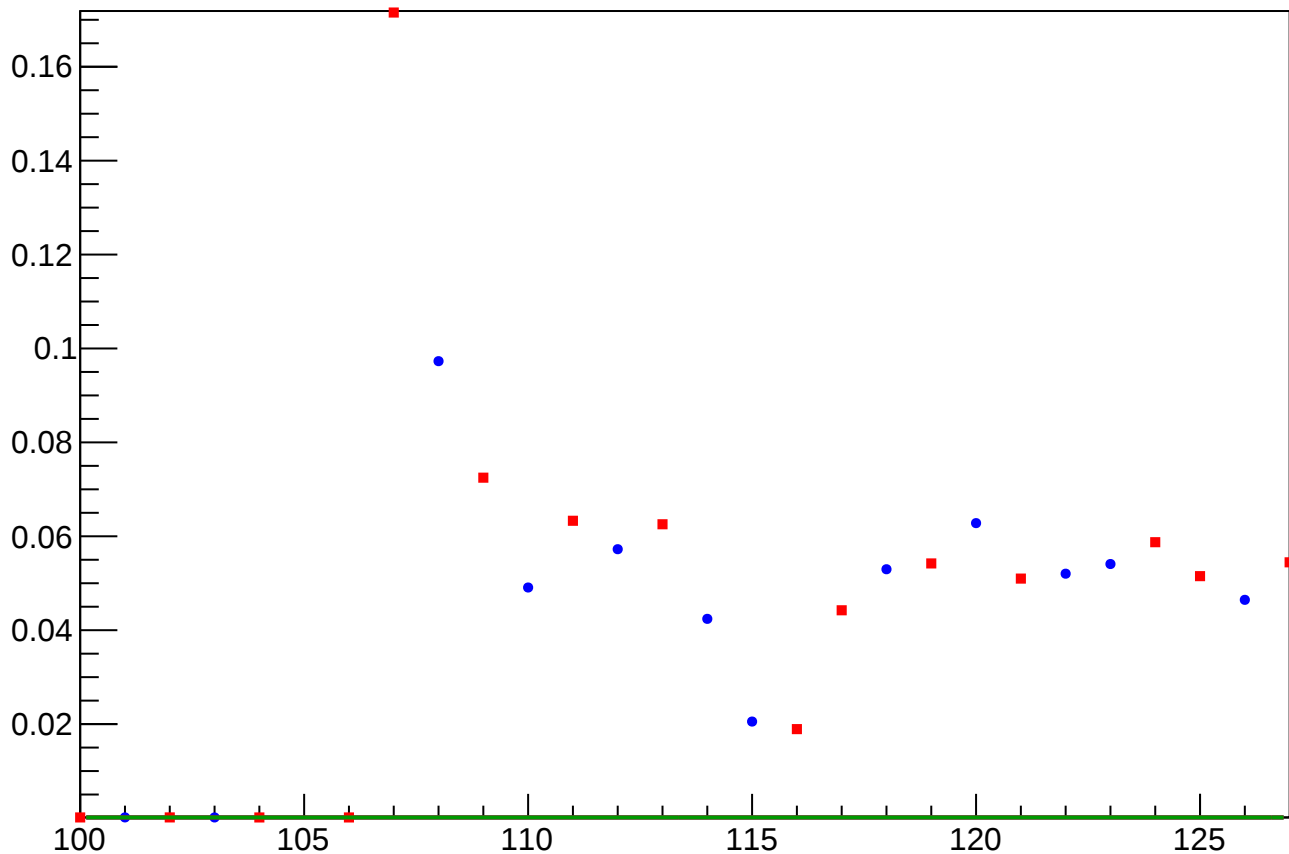
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 63669051012.1/11

6.155+/-0.000 χ^2/NDF : 77597854387901

5.828+/-0.000 χ^2/NDF : 755909144452987.6/14

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5266387.0/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6480598.3/14

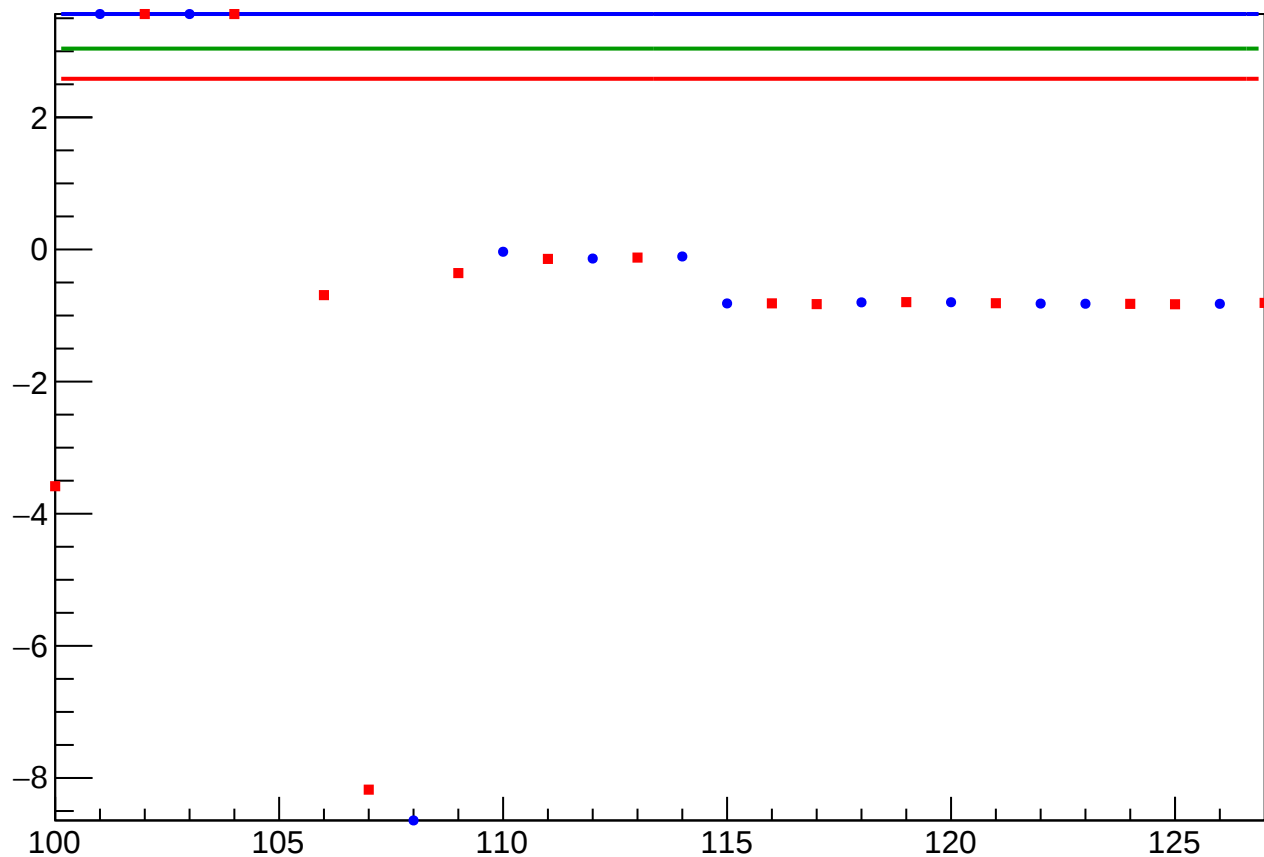
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5266387.0/11

0.000+/-0.000 χ^2/NDF : 11747175.5/26

0.000+/-0.000 χ^2/NDF : 6480598.3/14

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 116684203906.3/11

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253317101551996.2/14

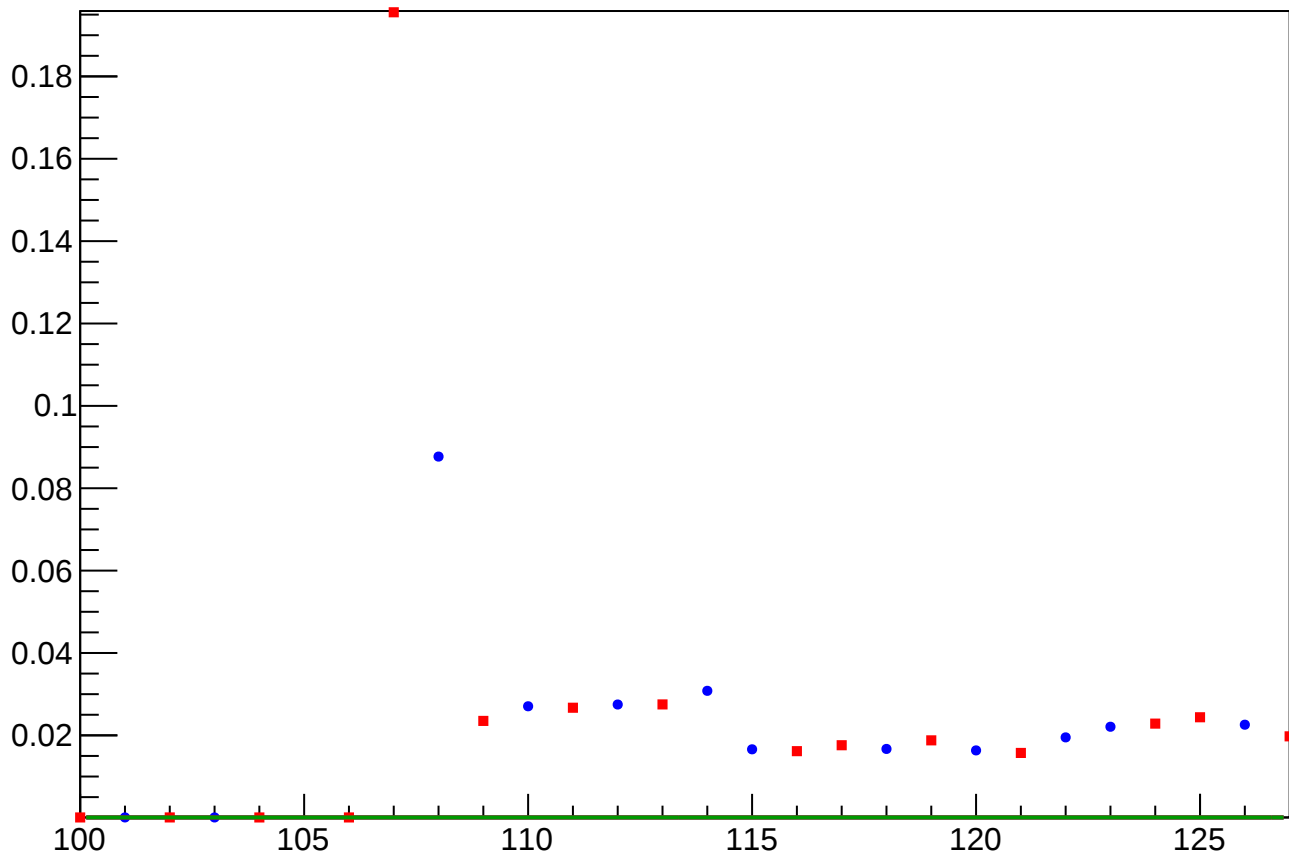
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 116684203906.3/11

3.041+/-0.000 χ^2/NDF : 13817339295940

2.584+/-0.000 χ^2/NDF : 1253317101551996.2/14

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5592497.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6582664.5/14

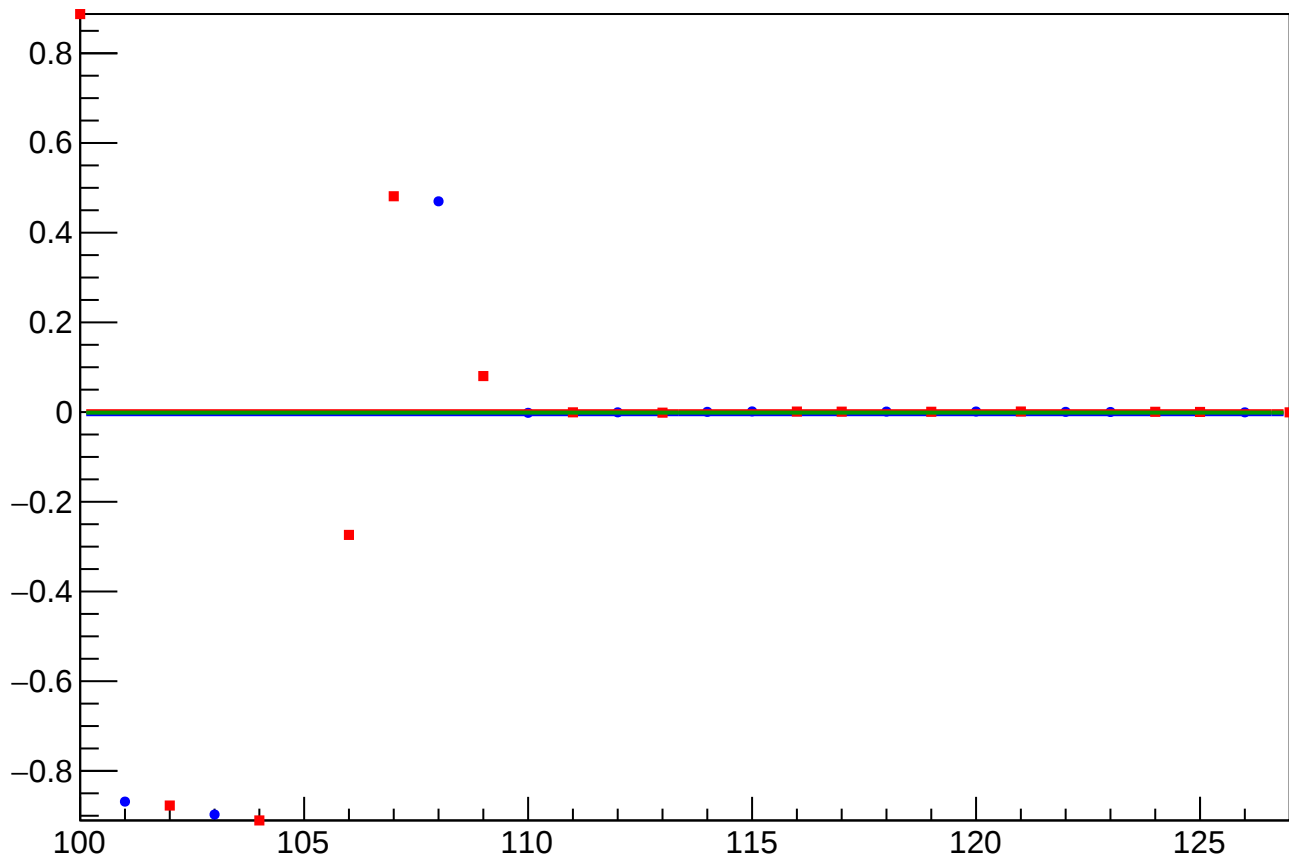
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5592497.3/11

0.000+/-0.000 χ^2/NDF : 12175329.2/26

0.000+/-0.000 χ^2/NDF : 6582664.5/14

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.000 χ^2/NDF : 9783383054.8/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3039682840.3/14

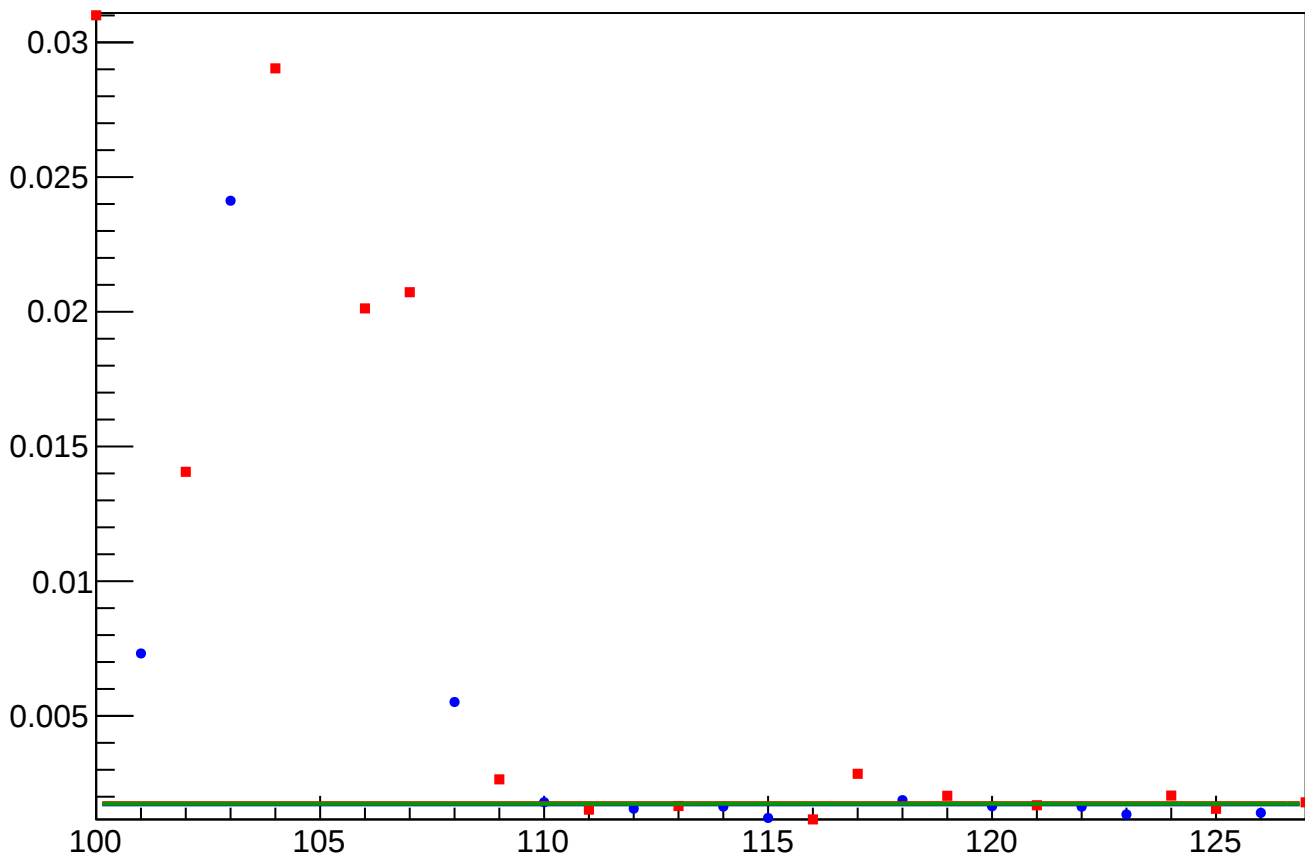
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.005+/-0.000 χ^2/NDF : 9783383054.8/11

-0.001+/-0.000 χ^2/NDF : 12844487393.2/14

0.002+/-0.000 χ^2/NDF : 3039682840.3/14

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1751014.5/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2869413.3/14

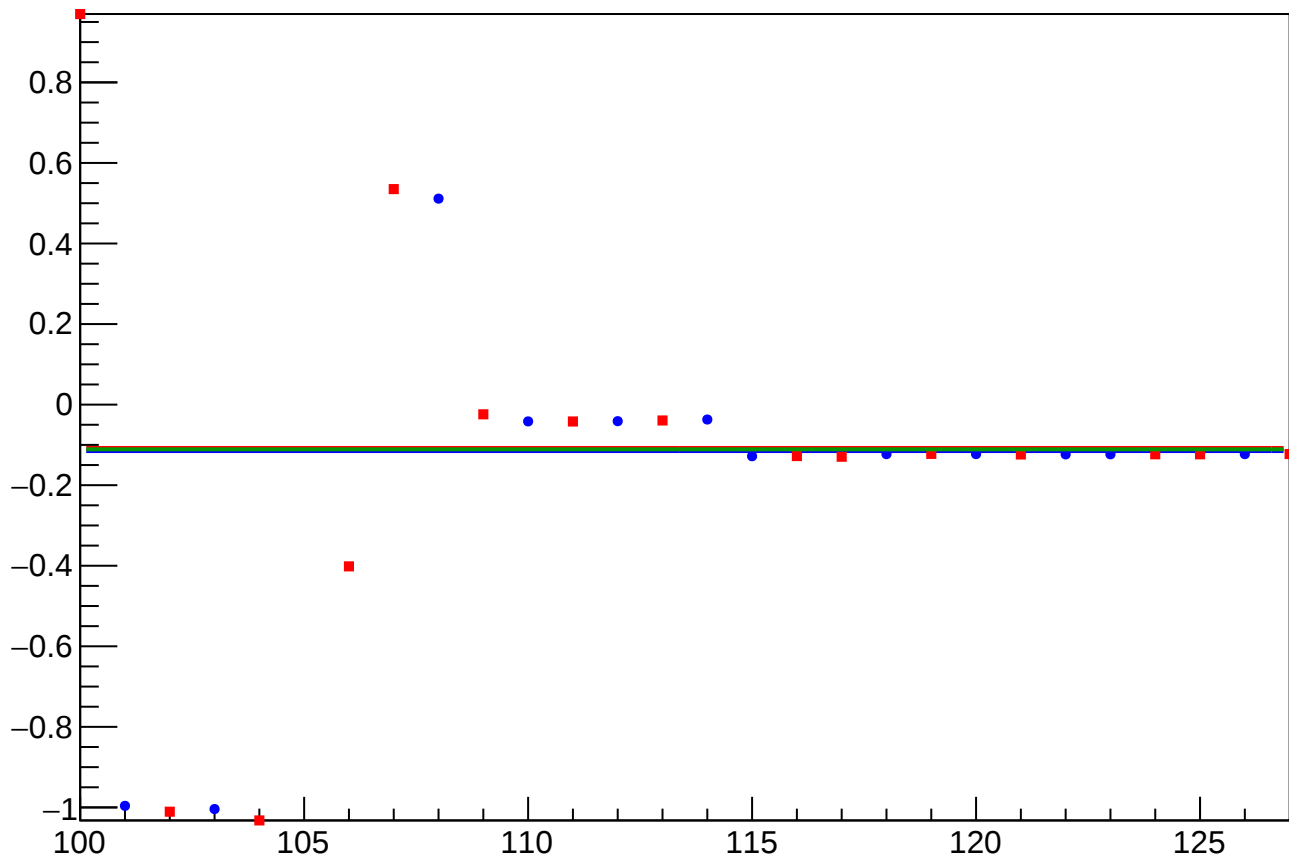
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1751014.5/11

0.002+/-0.000 χ^2/NDF : 4622136.0/26

0.002+/-0.000 χ^2/NDF : 2869413.3/14

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 3896755640.0/11

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

Right Out: -0.108+/-0.000 χ^2/NDF : 2332210293.3/14

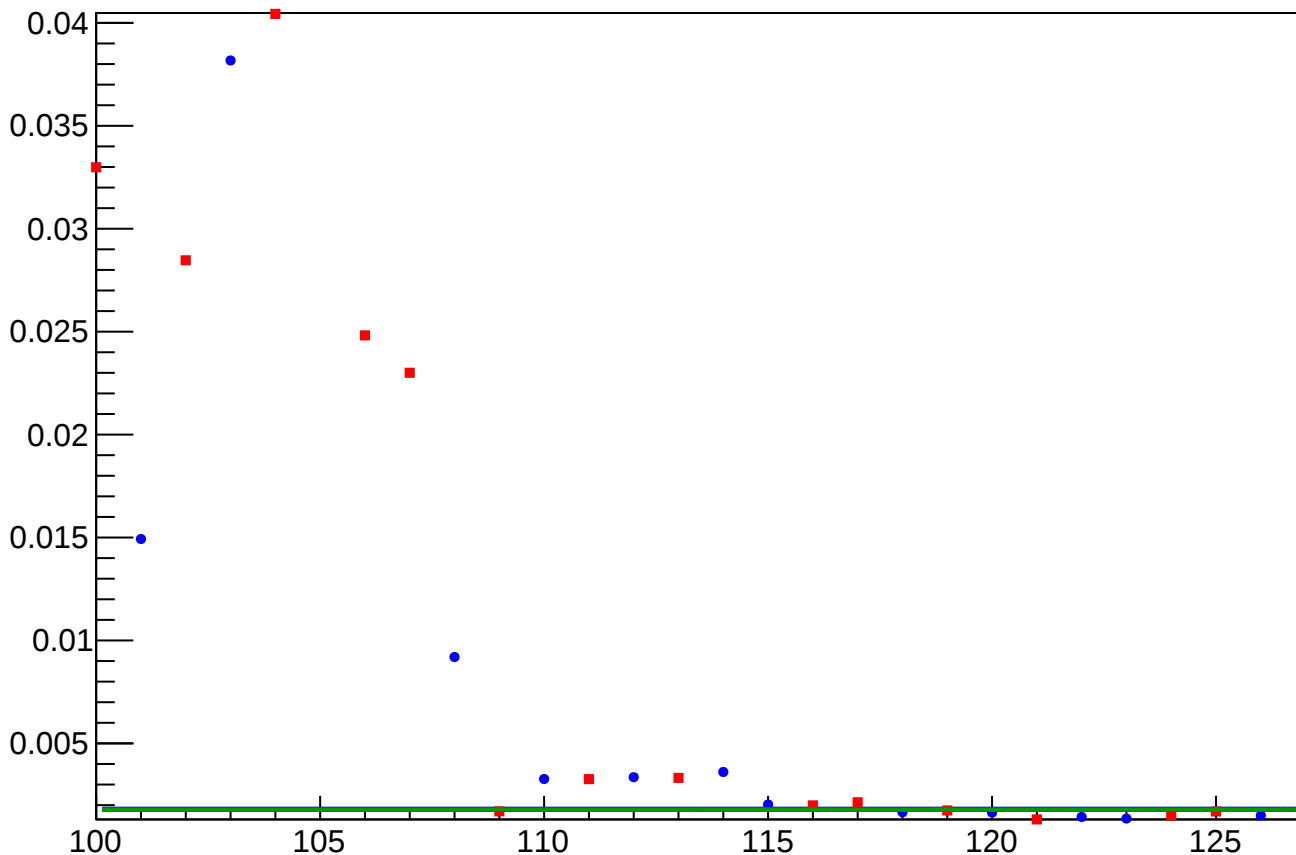
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.115+/-0.000 χ^2/NDF : 3896755640.0/11

-0.111+/-0.000 χ^2/NDF : 6254489292.1/20

-0.108+/-0.000 χ^2/NDF : 2332210293.3/14

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2643902.1/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3298983.0/14

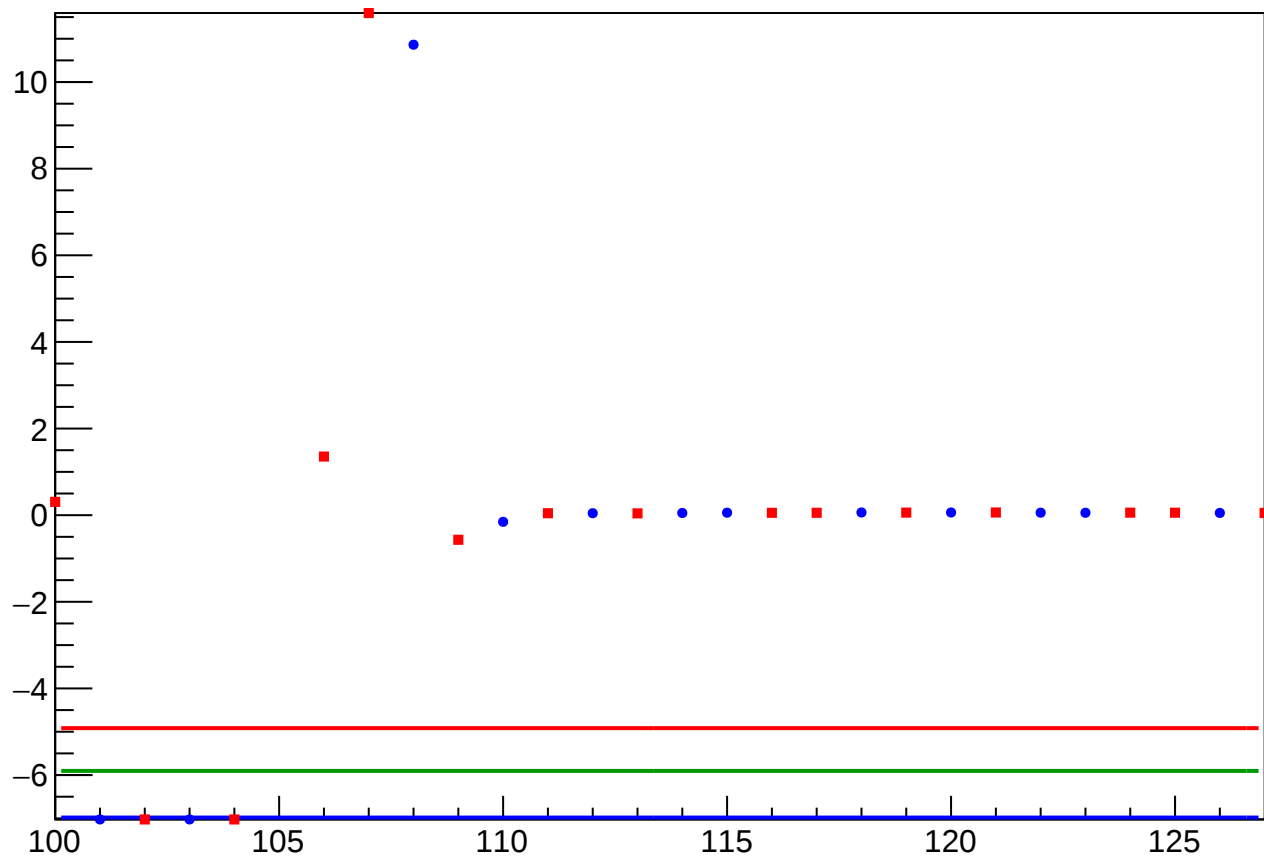
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2643902.1/11

0.002+/-0.000 χ^2/NDF : 5946389.1/26

0.002+/-0.000 χ^2/NDF : 3298983.0/14

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.982+/-0.000 χ^2 /NDF: 7589719967835.2/11

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

Right Out: -4.917+/-0.000 χ^2 /NDF: 364934457025354.8/14

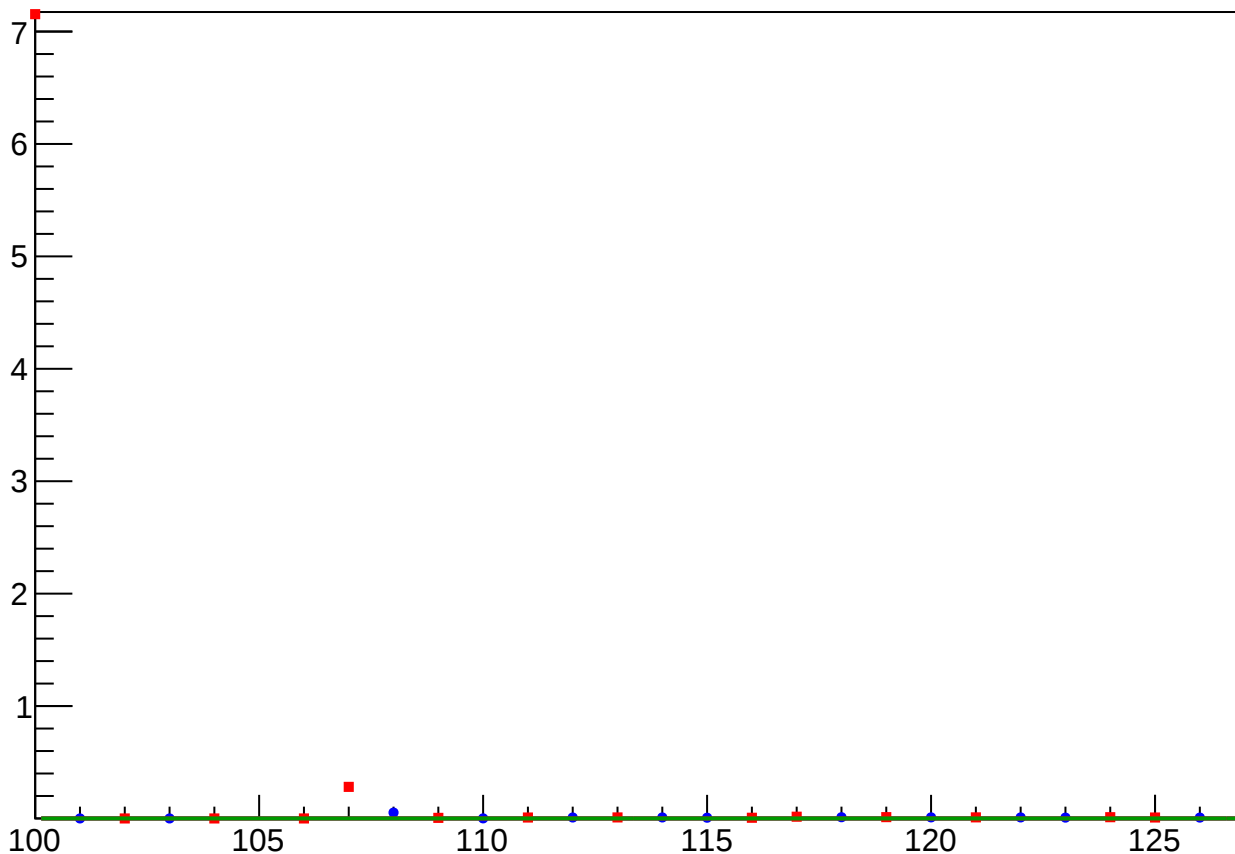
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.982+/-0.000 χ^2 /NDF: 7589719967835.2/11

-5.904+/-0.000 χ^2 /NDF: 4288665003408.0/11

-4.917+/-0.000 χ^2 /NDF: 364934457025354.8/14

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4565934.1/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5904329.8/14

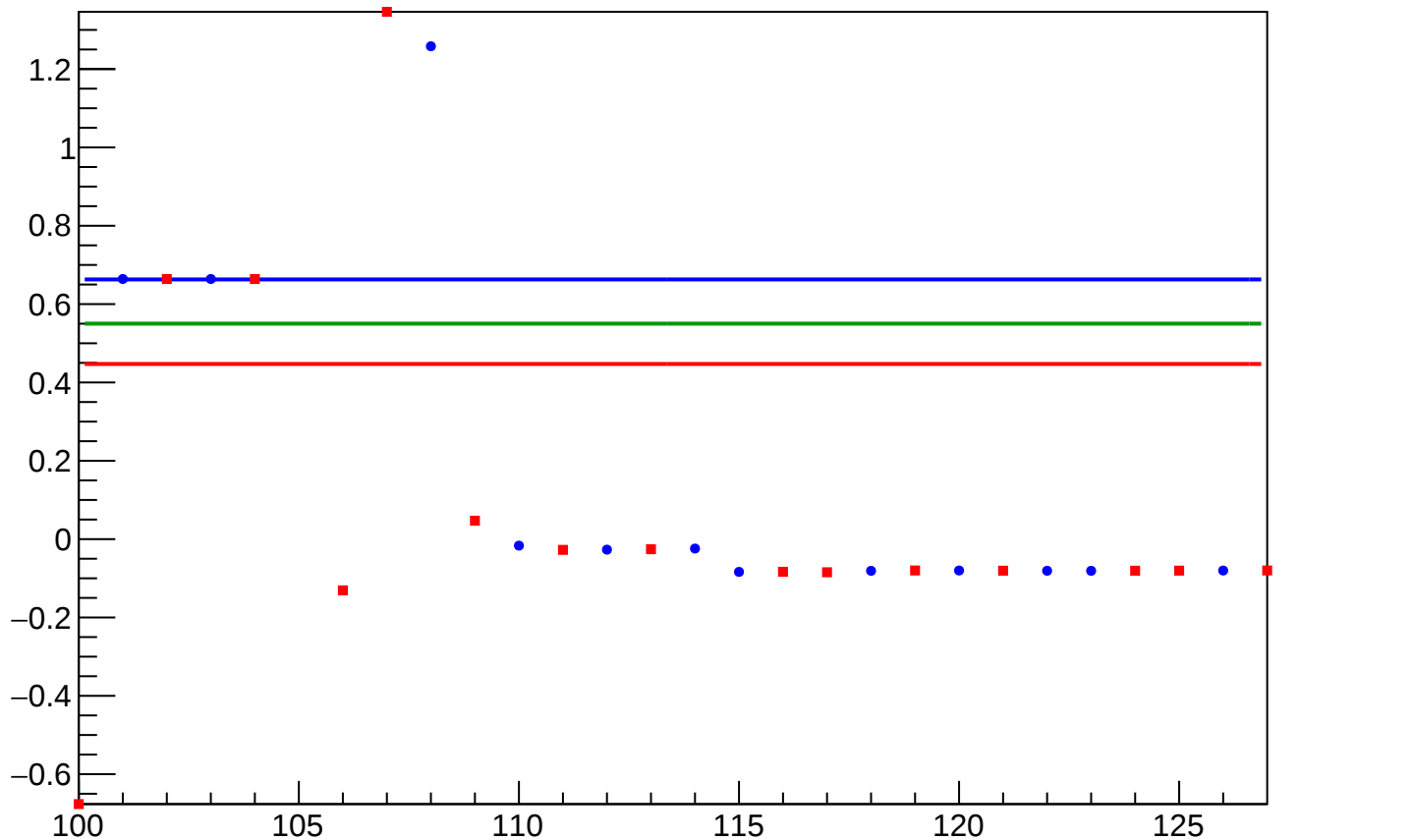
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4565934.1/11

0.000+/-0.000 χ^2/NDF : 10470281.0/26

0.000+/-0.000 χ^2/NDF : 5904329.8/14

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663 $\pm$ 0.000 χ^2 /NDF: 2191965088521.7/11

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

Right Out: 0.447 $\pm$ 0.000 χ^2 /NDF: 404063977620401.4/14

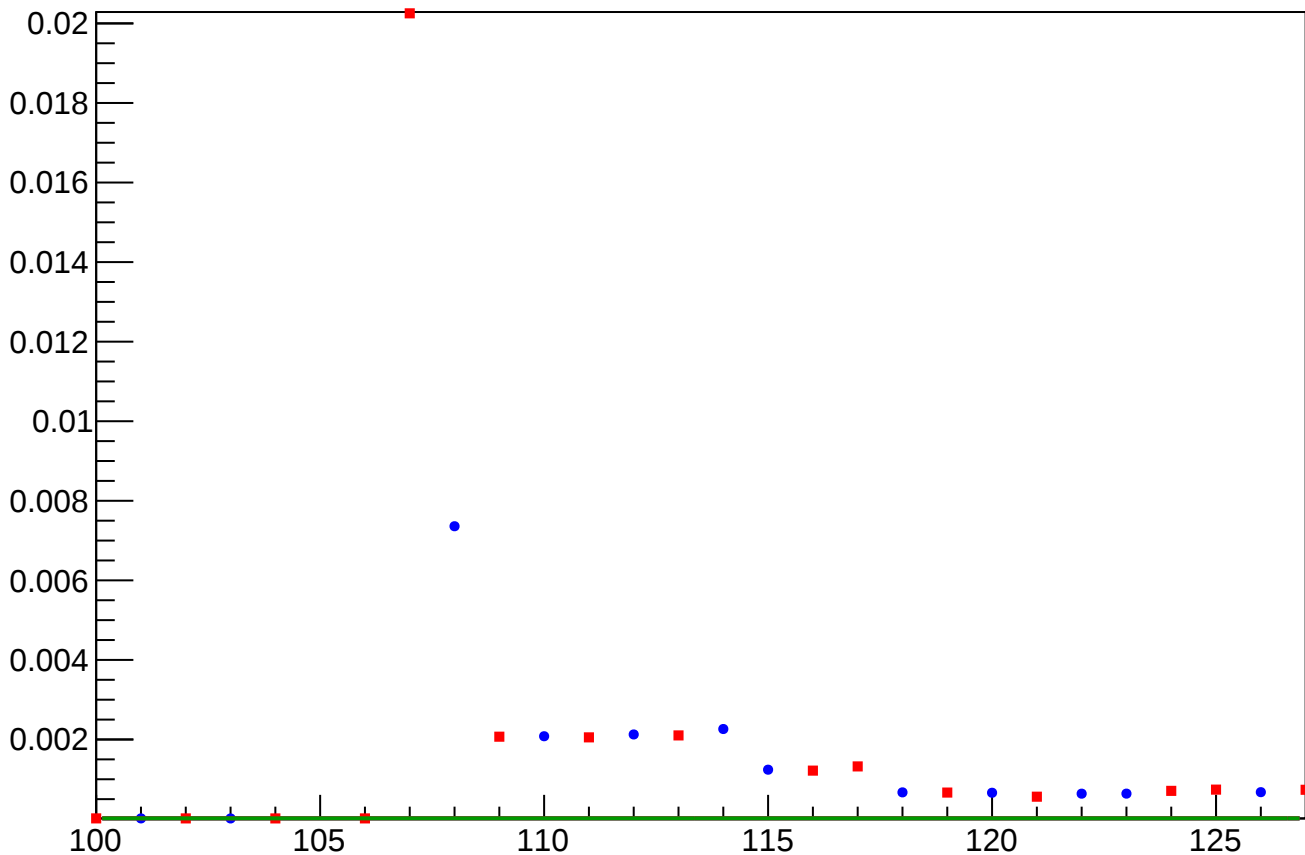
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.663 $\pm$ 0.000 χ^2 /NDF: 2191965088521.7/11

0.550 $\pm$ 0.000 χ^2 /NDF: 46955686998209

0.447 $\pm$ 0.000 χ^2 /NDF: 404063977620401.4/14

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5682277.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6230121.9/14

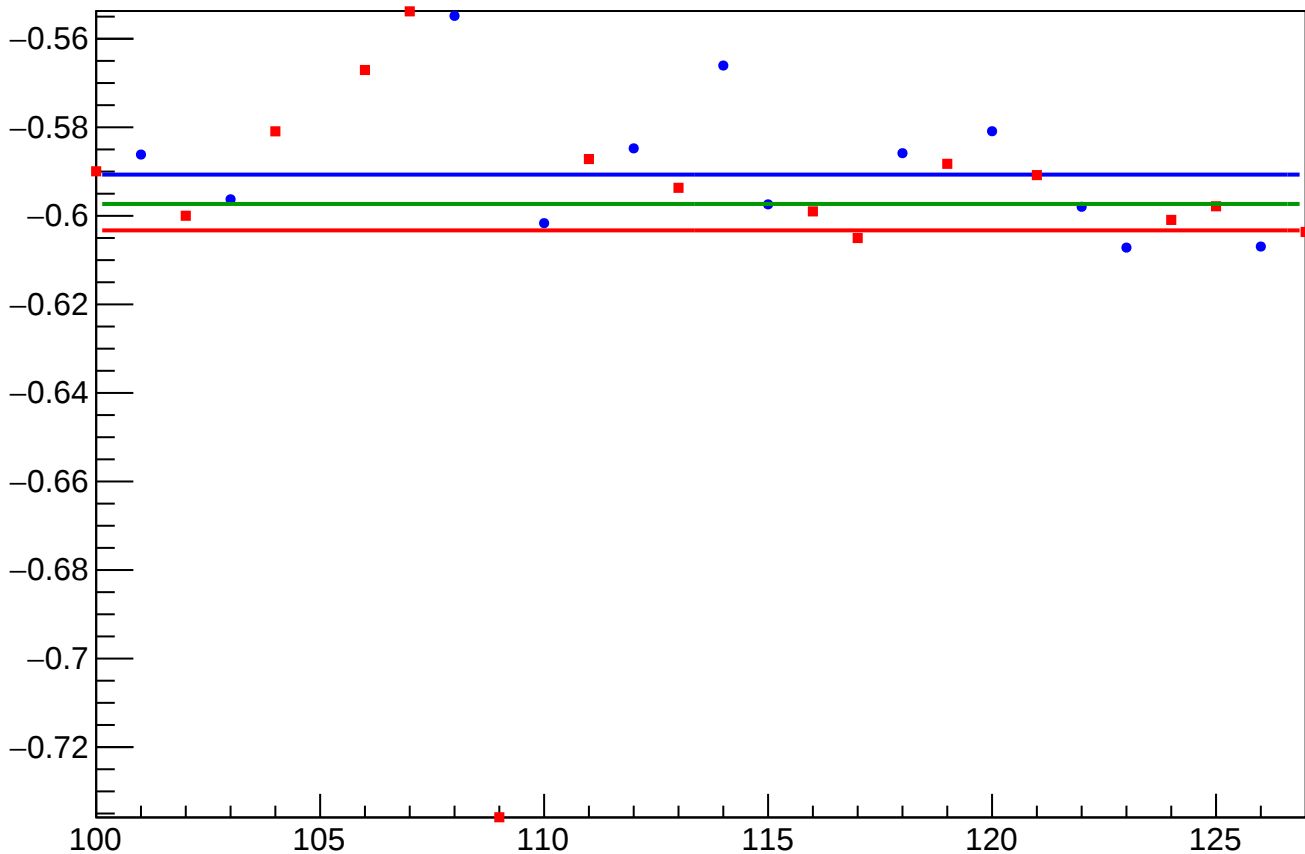
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5682277.2/11

0.000+/-0.000 χ^2/NDF : 11912672.6/26

0.000+/-0.000 χ^2/NDF : 6230121.9/14

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.591+/-0.000 χ^2/NDF : 921045.3/11

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

Right Out: -0.603+/-0.000 χ^2/NDF : 10147857.7/14

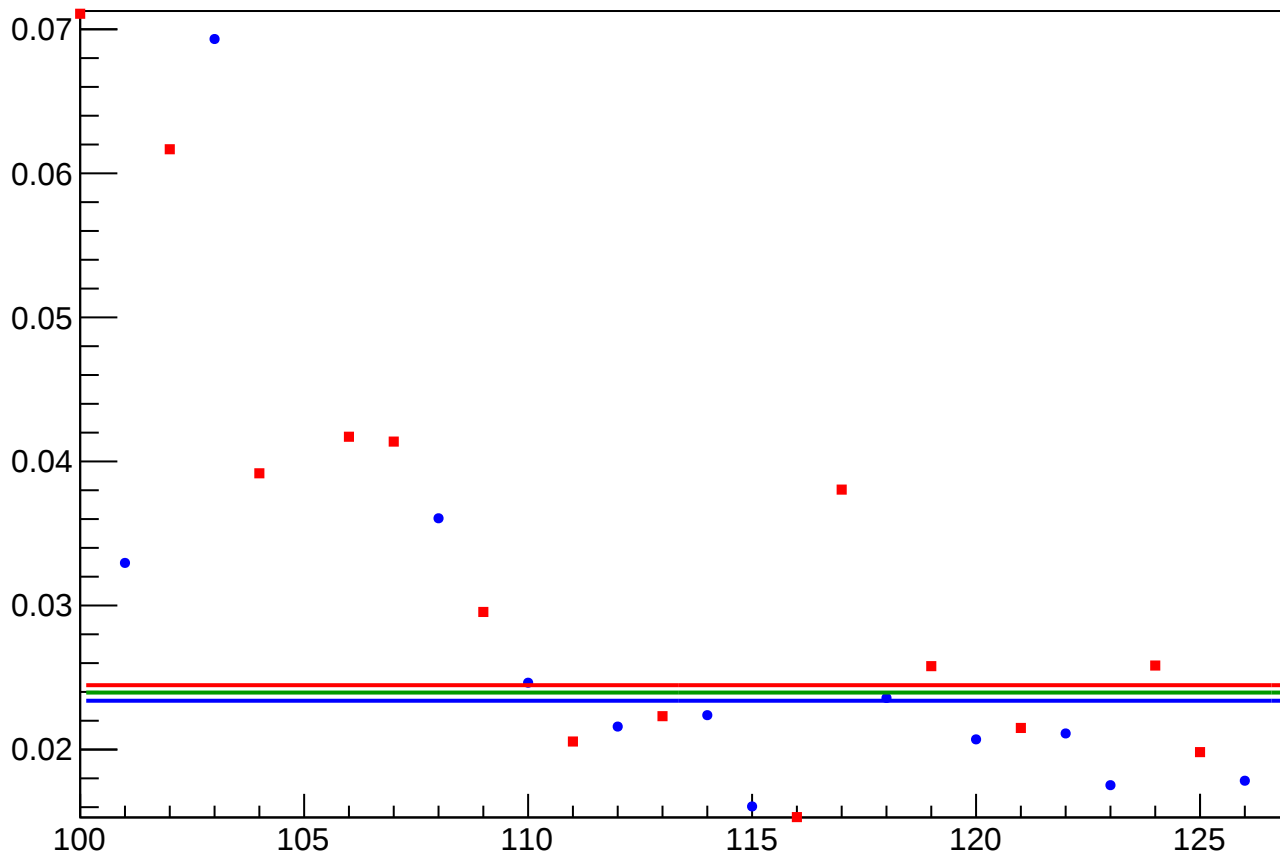
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.591+/-0.000 χ^2/NDF : 921045.3/11

-0.597+/-0.000 χ^2/NDF : 11561799.5/26

-0.603+/-0.000 χ^2/NDF : 10147857.7/14

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 778721.5/11

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

Right Out: 0.024+/-0.000 χ^2/NDF : 950577.7/14

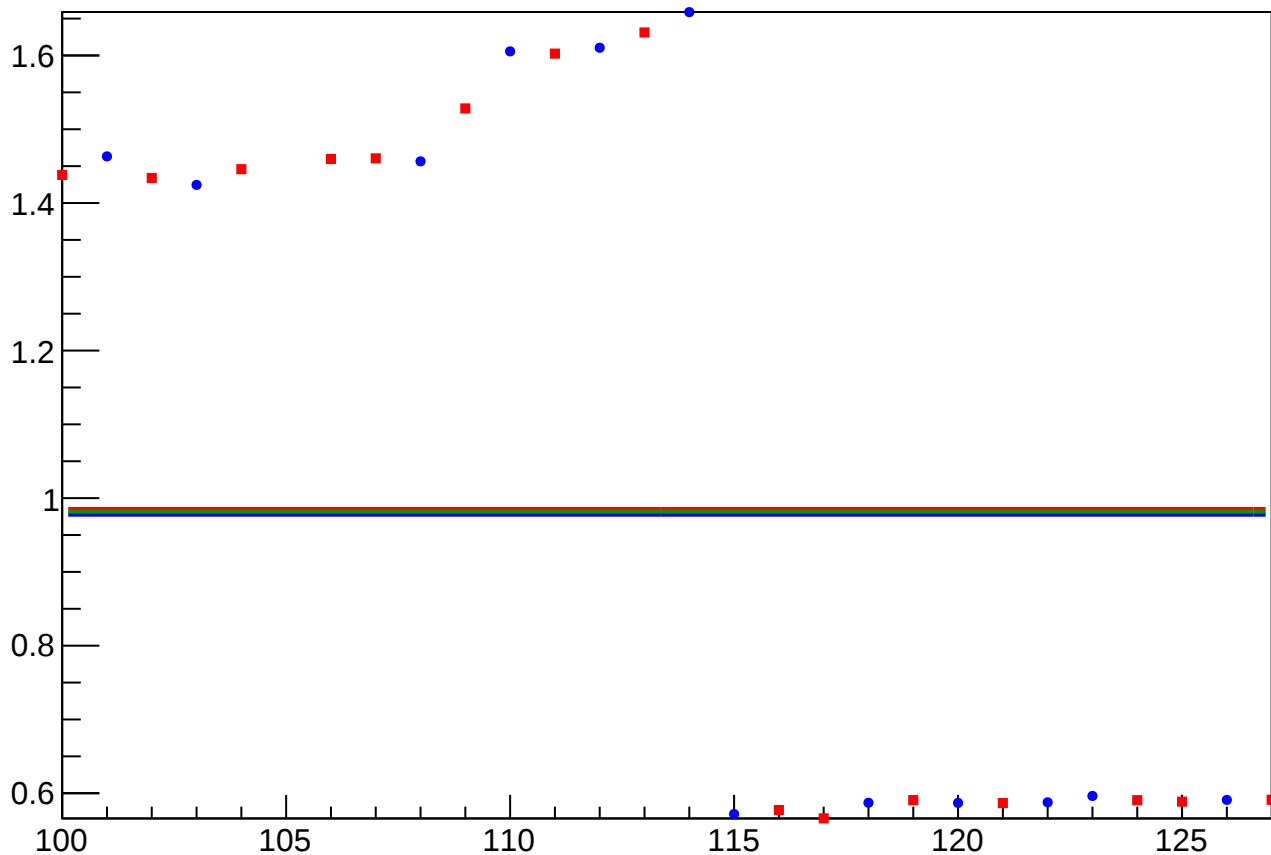
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 778721.5/11

0.024+/-0.000 χ^2/NDF : 1736528.6/26

0.024+/-0.000 χ^2/NDF : 950577.7/14

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.978+/-0.000 χ^2/NDF : 2622043071.3/11

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

Right Out: 0.985+/-0.000 χ^2/NDF : 3220637085.4/14

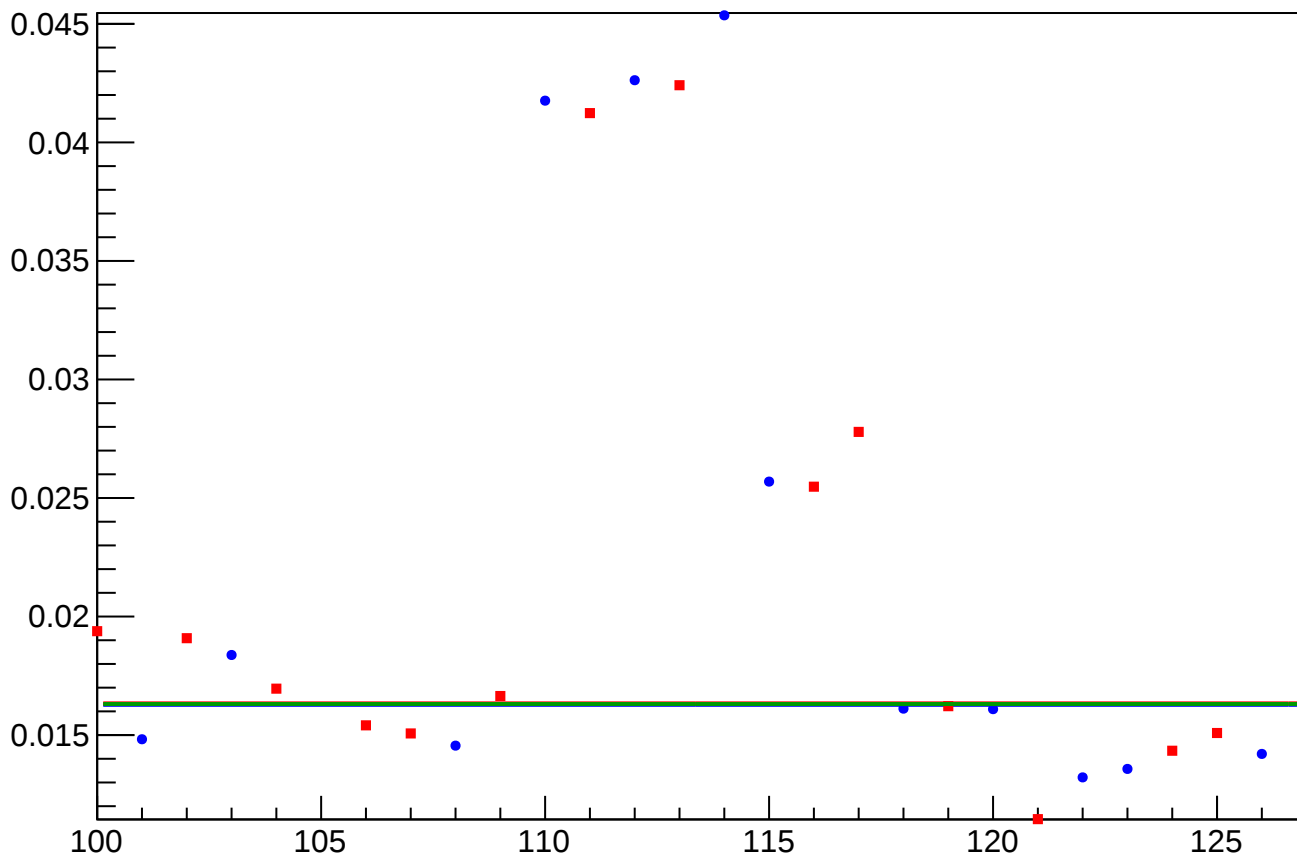
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.978+/-0.000 χ^2/NDF : 2622043071.3/11

0.982+/-0.000 χ^2/NDF : 5843136761.3/26

0.985+/-0.000 χ^2/NDF : 3220637085.4/14

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 797743.1/11

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

Right Out: 0.016+/-0.000 χ^2/NDF : 879021.2/14

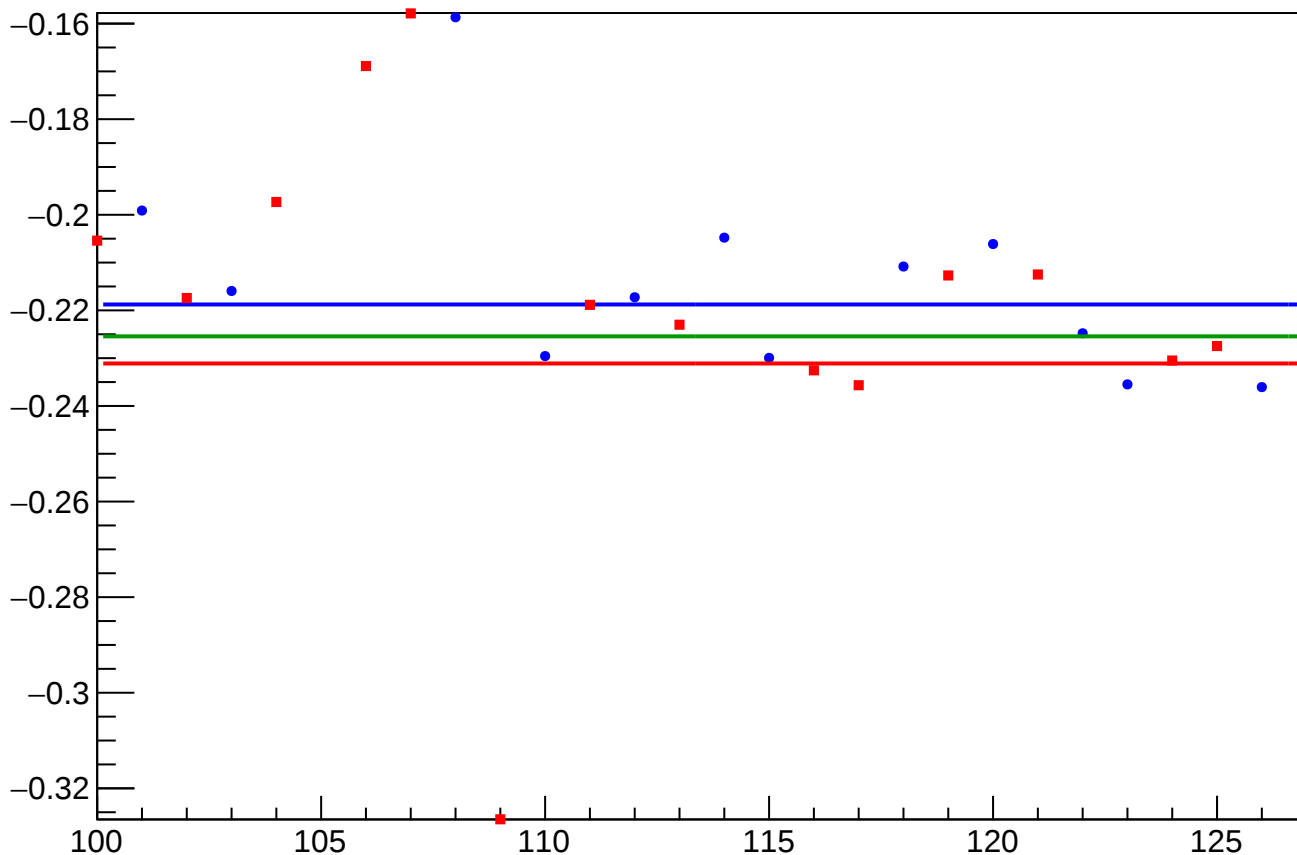
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 797743.1/11

0.016+/-0.000 χ^2/NDF : 1676818.6/26

0.016+/-0.000 χ^2/NDF : 879021.2/14

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.219+/-0.000 χ^2 /NDF: 1900065.9/11

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

Right Out: -0.231+/-0.000 χ^2 /NDF: 11134664.9/14

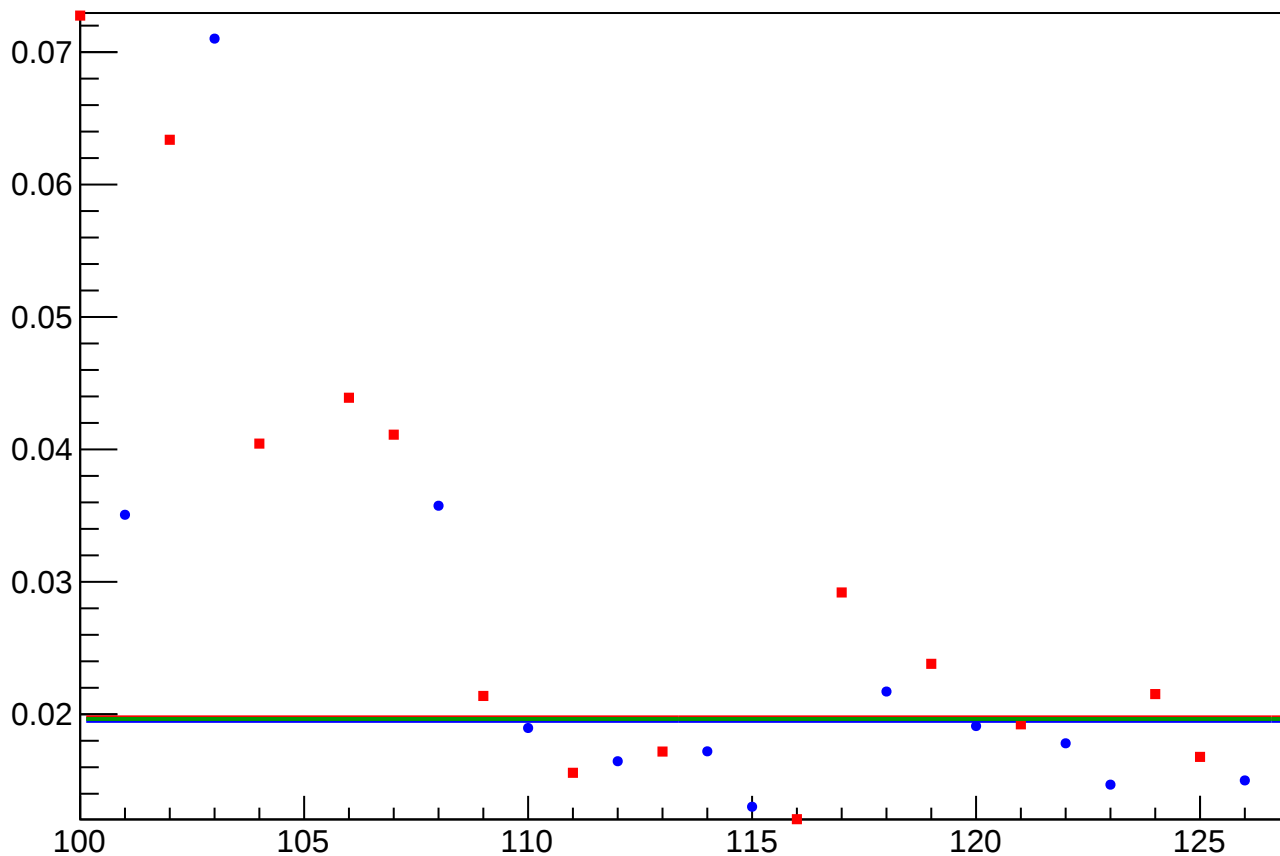
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.219+/-0.000 χ^2 /NDF: 1900065.9/11

-0.225+/-0.000 χ^2 /NDF: 13706165.4/26

-0.231+/-0.000 χ^2 /NDF: 11134664.9/14

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1066843.9/11

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1318935.3/14

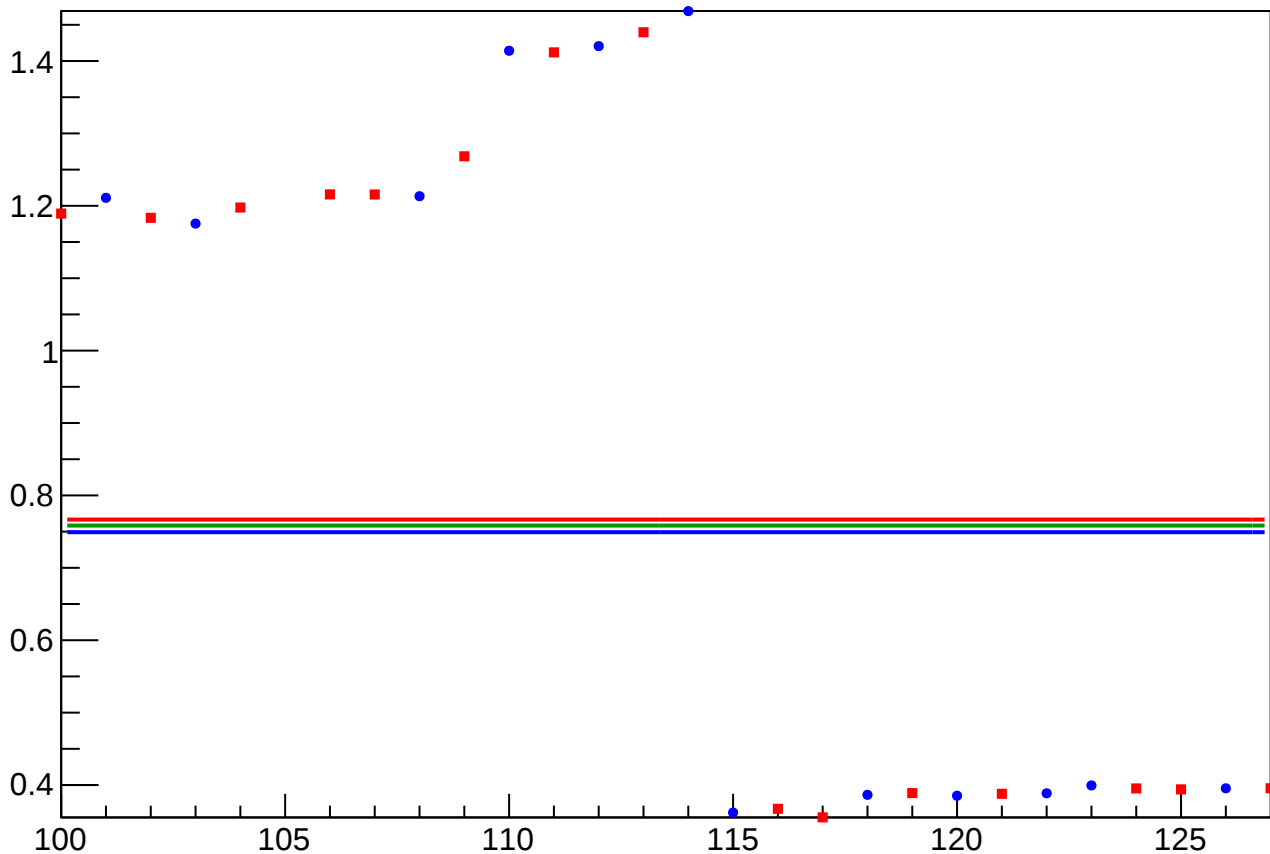
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1066843.9/11

0.020+/-0.000 χ^2/NDF : 2386390.1/26

0.020+/-0.000 χ^2/NDF : 1318935.3/14

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.749+/-0.000 χ^2/NDF : 3498593062.8/11

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

Right Out: 0.767+/-0.000 χ^2/NDF : 3958075070.4/14

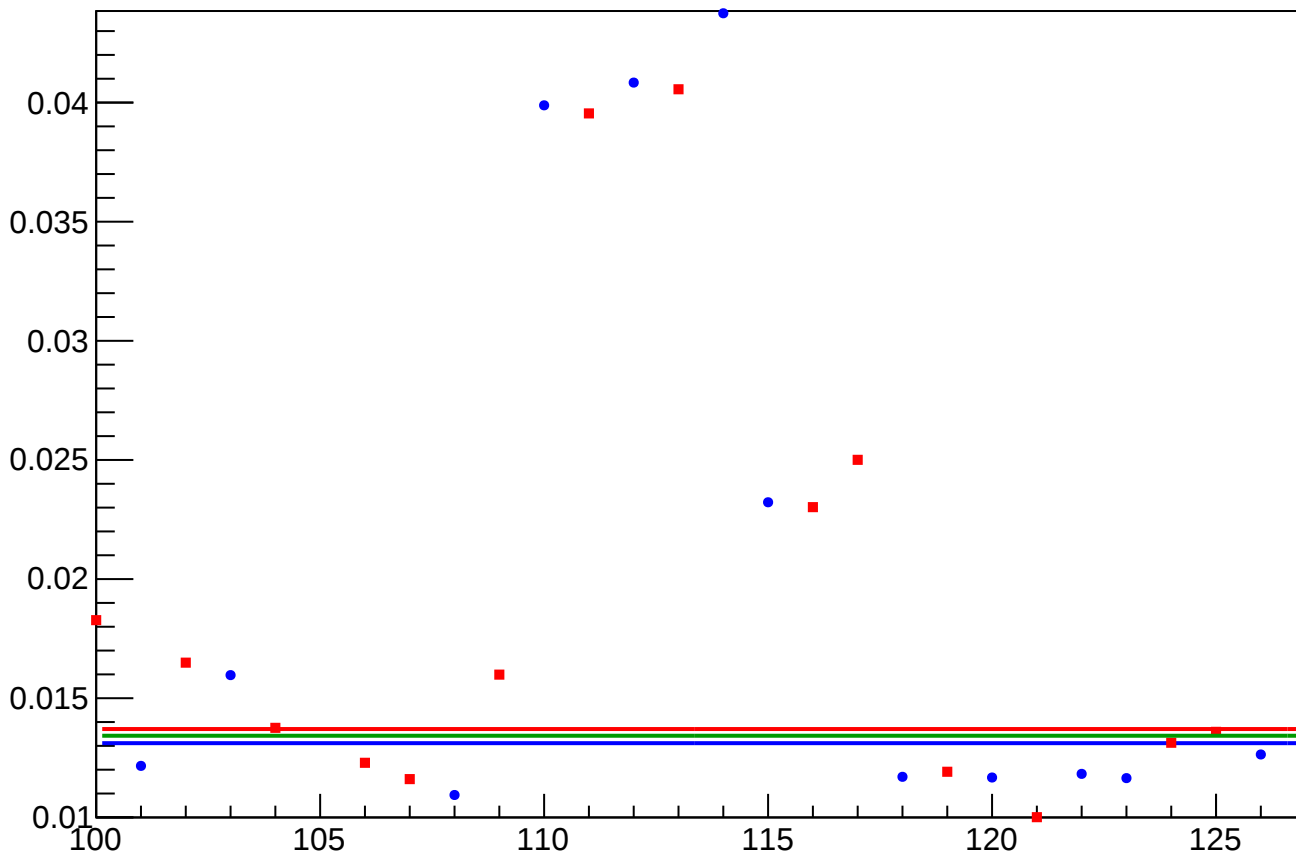
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.749+/-0.000 χ^2/NDF : 3498593062.8/11

0.758+/-0.000 χ^2/NDF : 7459973135.7/26

0.767+/-0.000 χ^2/NDF : 3958075070.4/14

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 951424.4/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1018135.2/14

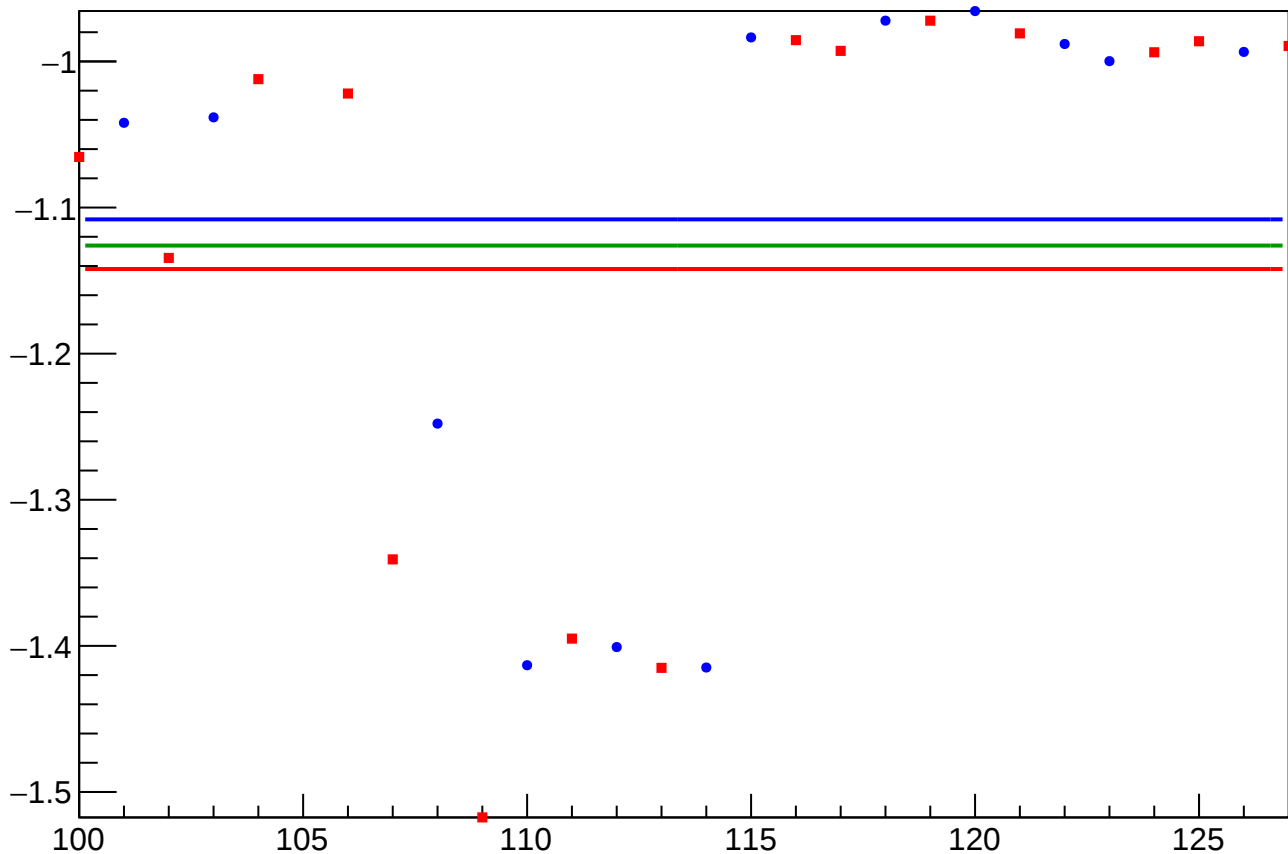
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 951424.4/11

0.013+/-0.000 χ^2/NDF : 1977192.3/26

0.014+/-0.000 χ^2/NDF : 1018135.2/14

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.108+/-0.000 χ^2 /NDF: 207030571.4/11

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

Right Out: -1.142+/-0.000 χ^2 /NDF: 298385992.9/14

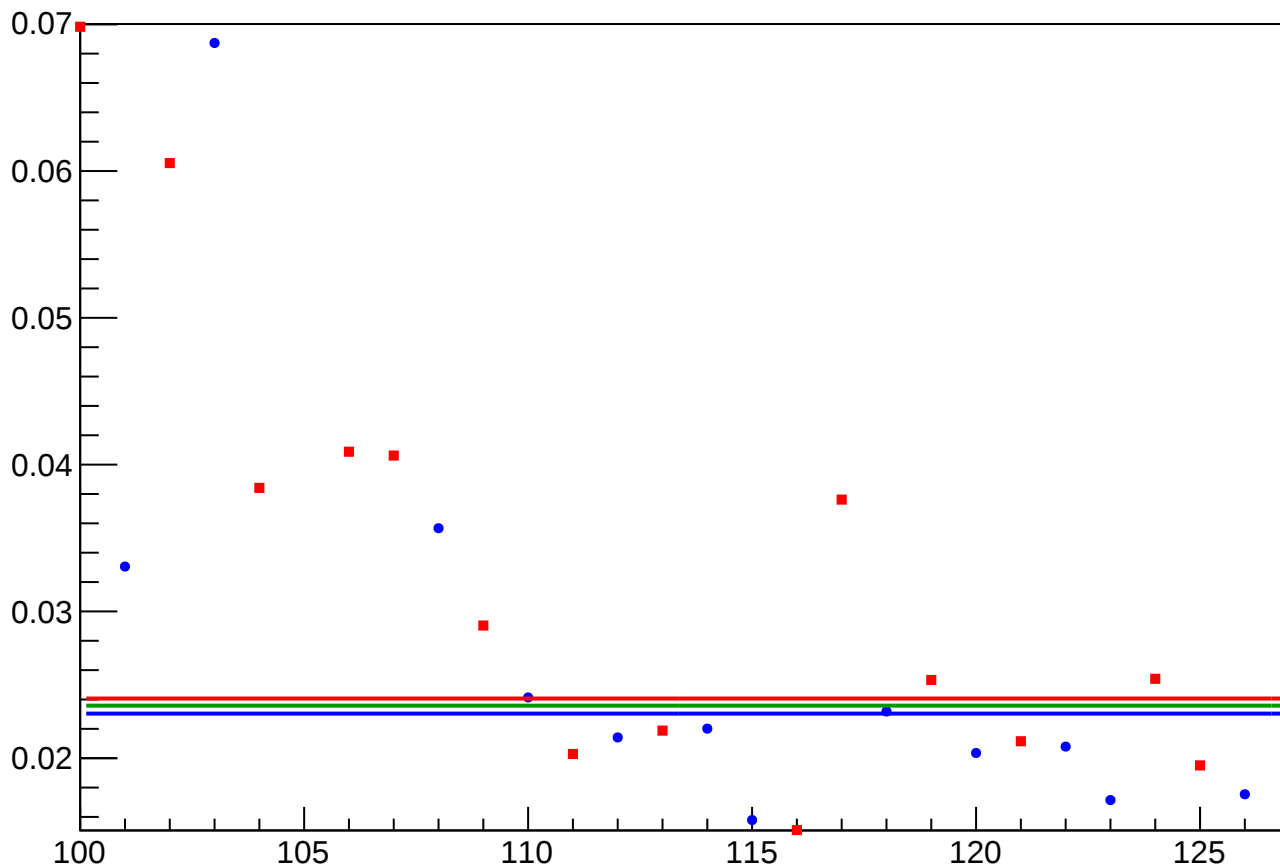
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.108+/-0.000 χ^2 /NDF: 207030571.4/11

-1.126+/-0.000 χ^2 /NDF: 509108805.7/26

-1.142+/-0.000 χ^2 /NDF: 298385992.9/14

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 789349.2/11

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

Right Out: 0.024+/-0.000 χ^2/NDF : 943742.4/14

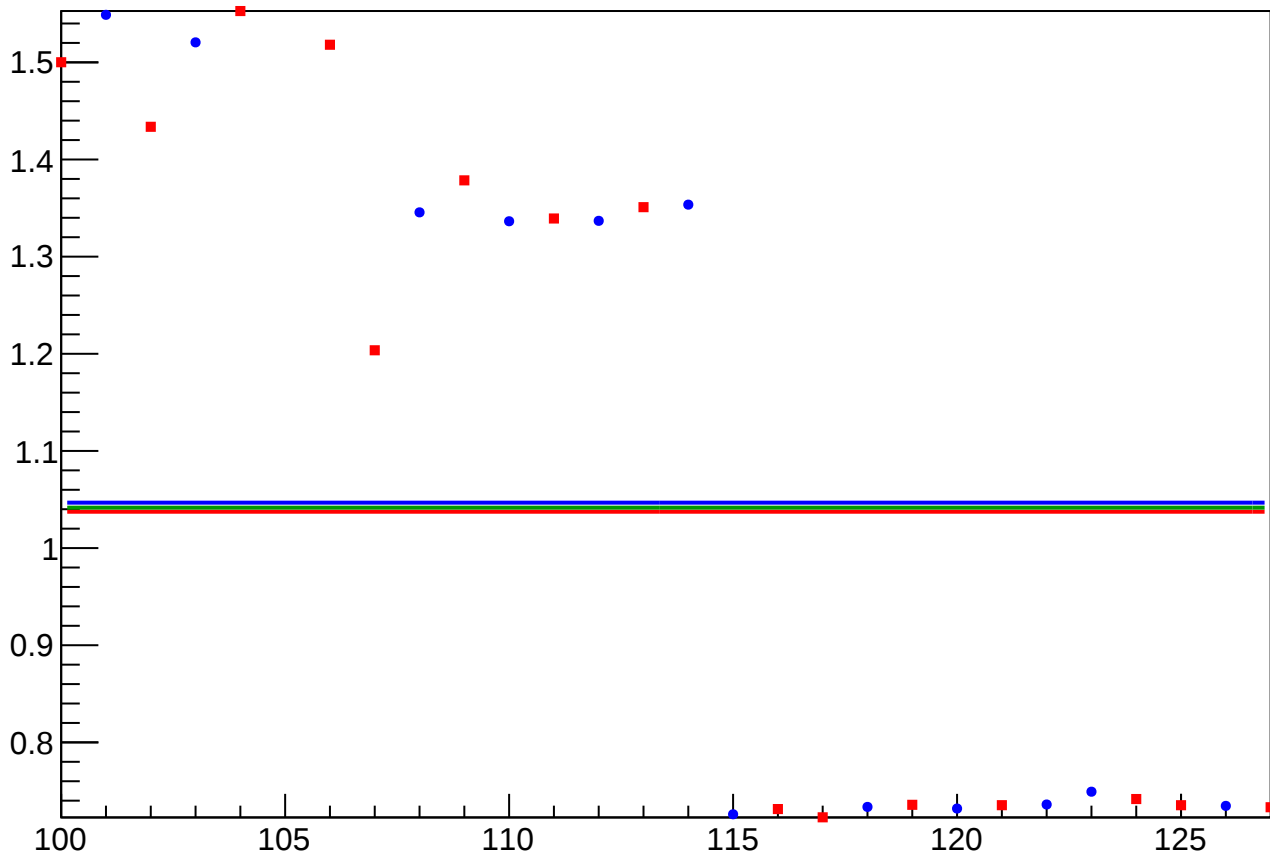
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 789349.2/11

0.024+/-0.000 χ^2/NDF : 1739845.2/26

0.024+/-0.000 χ^2/NDF : 943742.4/14

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.047+/-0.000 χ^2/NDF : 1774035670.9/11

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

Right Out: 1.037+/-0.000 χ^2/NDF : 1951463025.3/14

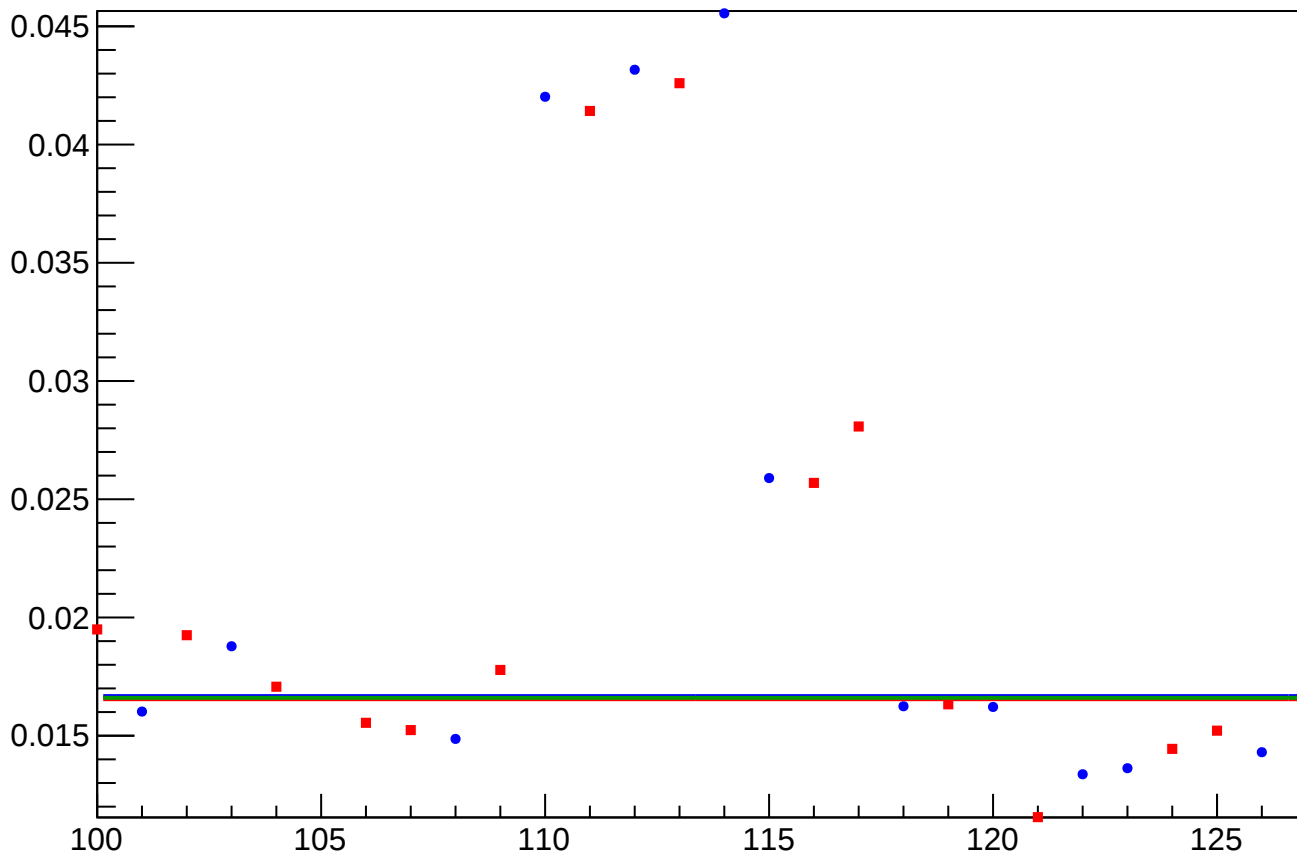
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.047+/-0.000 χ^2/NDF : 1774035670.9/11

1.042+/-0.000 χ^2/NDF : 3726127531.8/26

1.037+/-0.000 χ^2/NDF : 1951463025.3/14

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 787341.3/11

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

Right Out: 0.017+/-0.000 χ^2/NDF : 878473.2/14

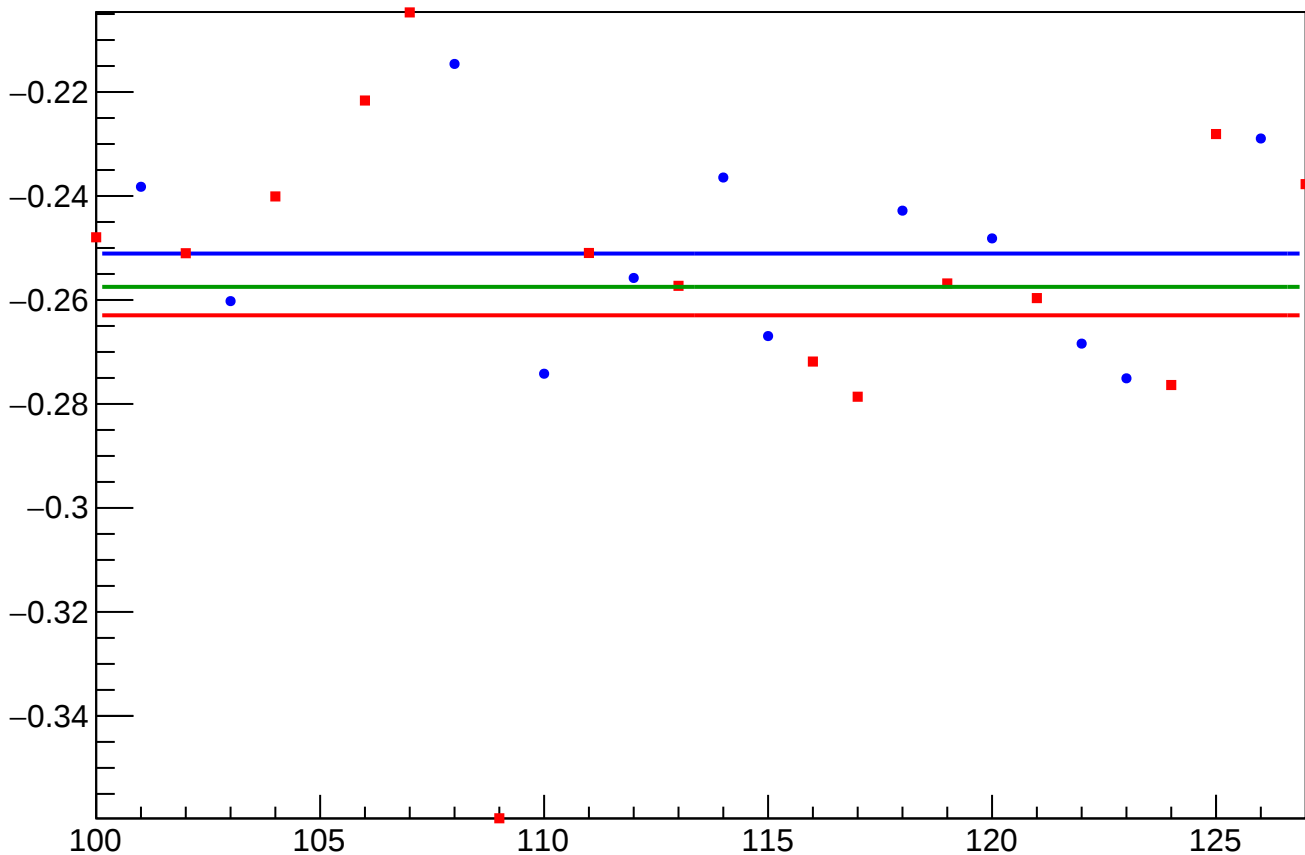
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 787341.3/11

0.017+/-0.000 χ^2/NDF : 1666057.2/26

0.017+/-0.000 χ^2/NDF : 878473.2/14

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.251+/-0.000 χ^2 /NDF: 2127347.9/11

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

Right Out: -0.263+/-0.000 χ^2 /NDF: 11708618.8/14

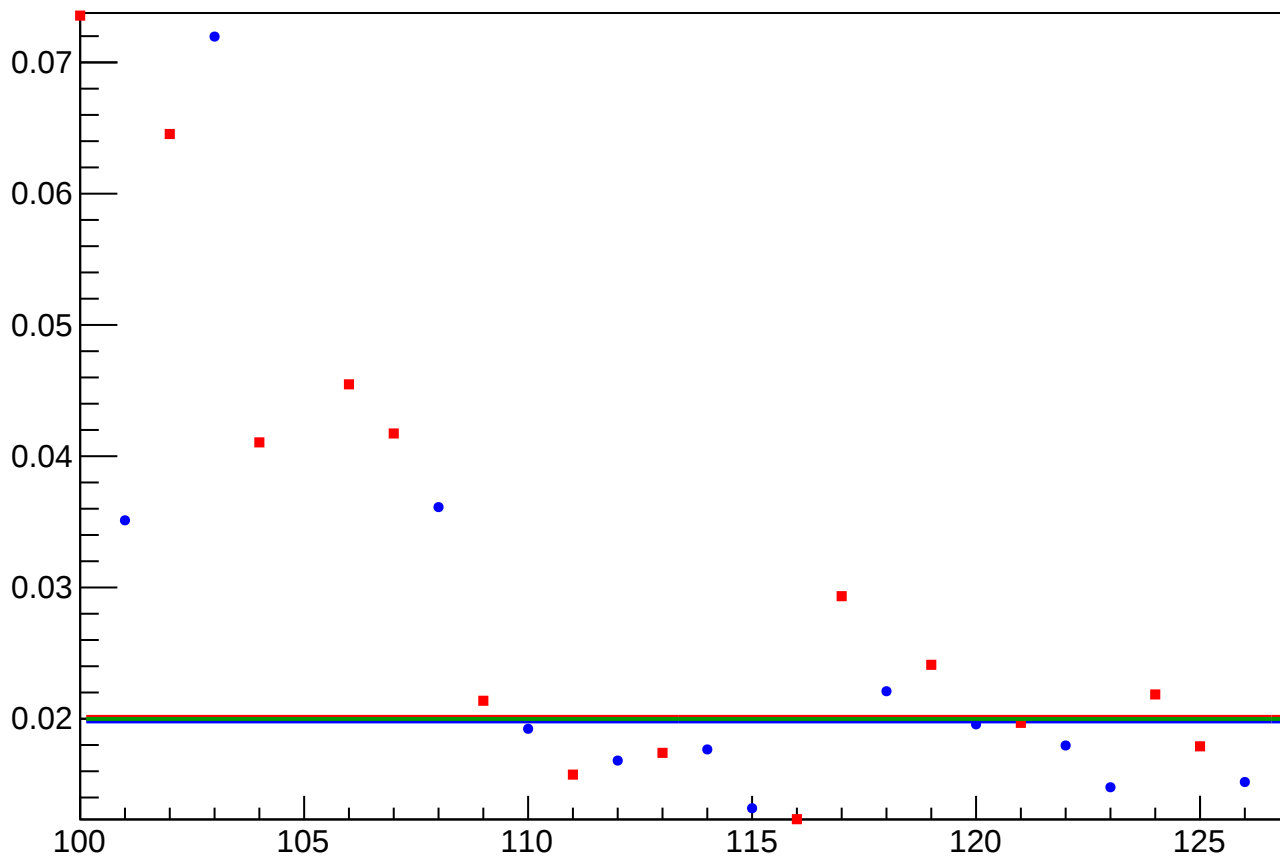
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.251+/-0.000 χ^2 /NDF: 2127347.9/11

-0.257+/-0.000 χ^2 /NDF: 14437895.9/26

-0.263+/-0.000 χ^2 /NDF: 11708618.8/14

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1055687.7/11

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1314575.7/14

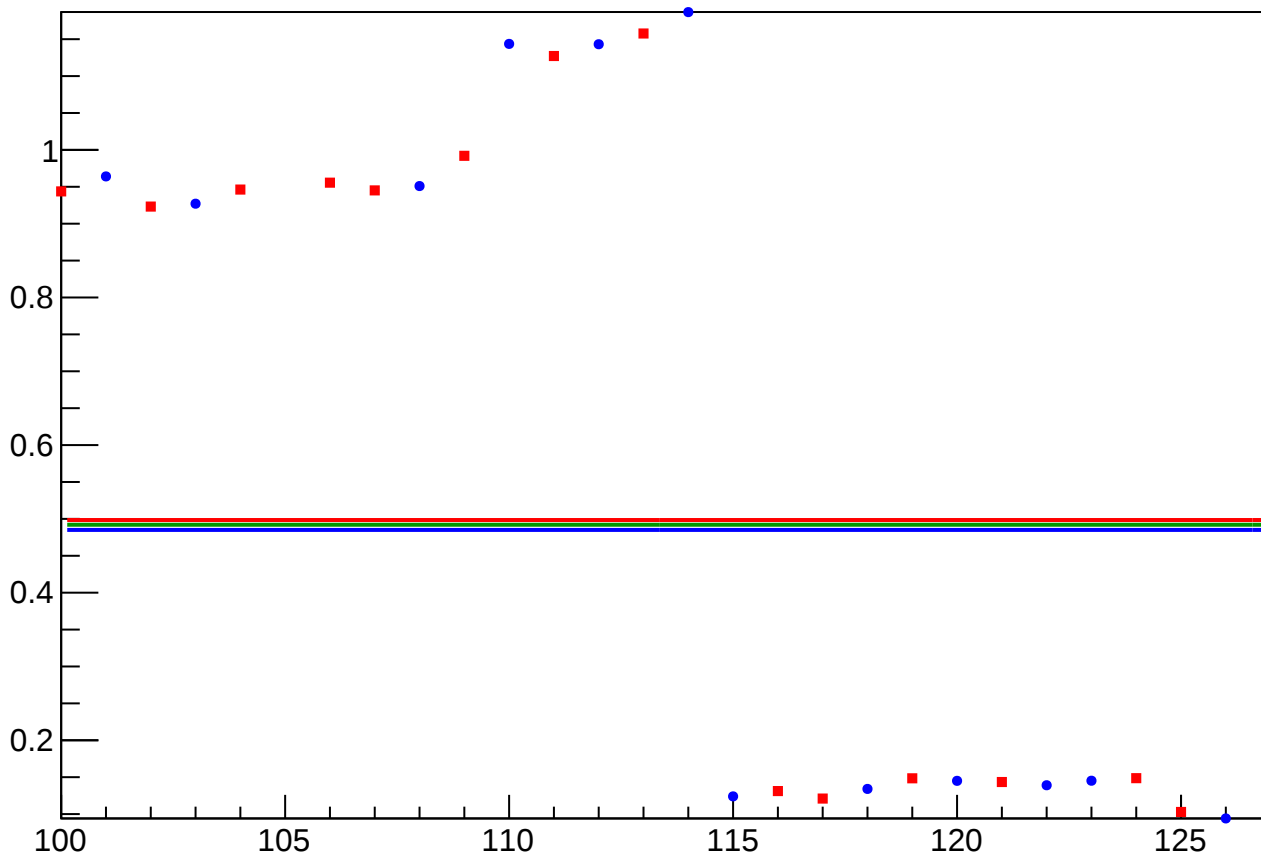
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1055687.7/11

0.020+/-0.000 χ^2/NDF : 2371257.4/26

0.020+/-0.000 χ^2/NDF : 1314575.7/14

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.485+/-0.000 χ^2/NDF : 3581909941.2/11

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

Right Out: 0.498+/-0.000 χ^2/NDF : 3922805357.4/14

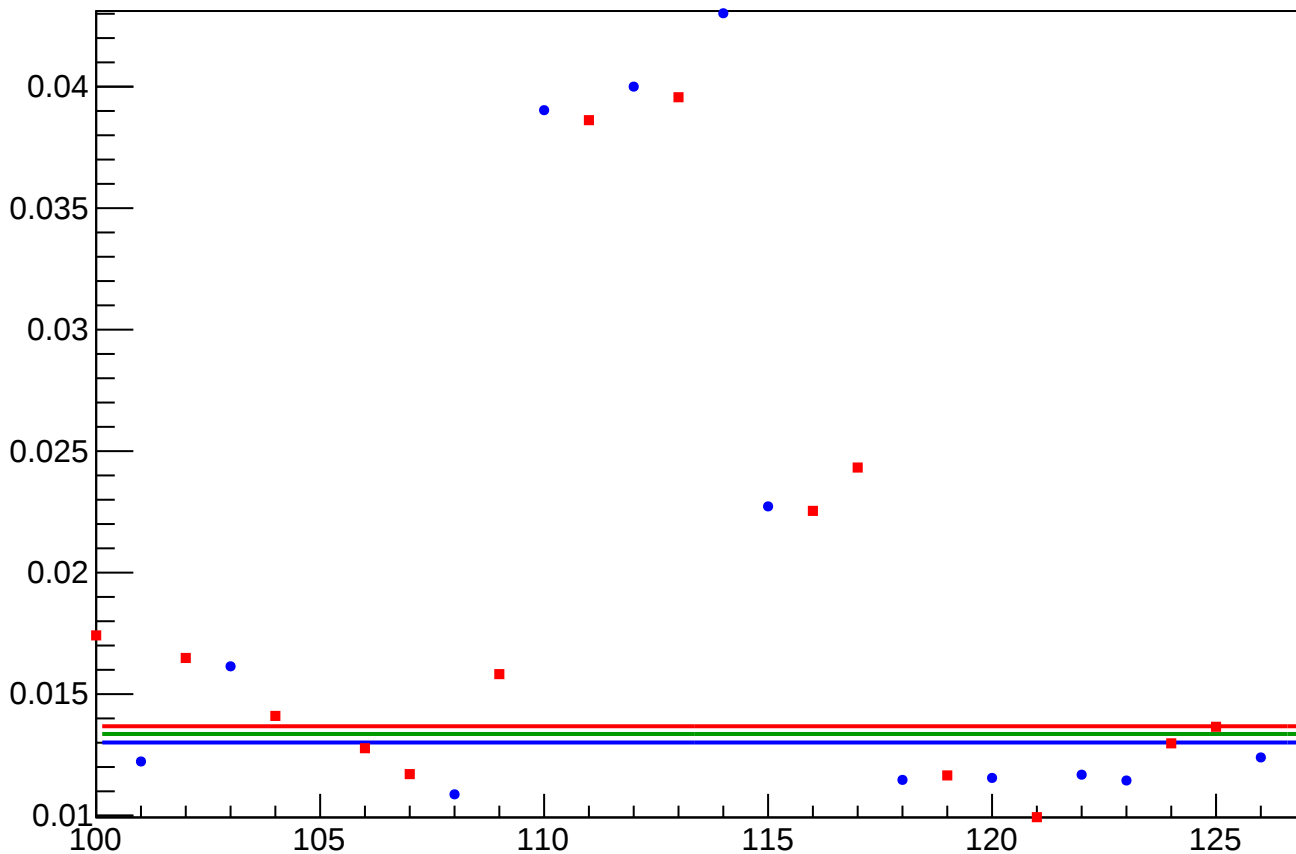
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.485+/-0.000 χ^2/NDF : 3581909941.2/11

0.492+/-0.000 χ^2/NDF : 7506690221.7/26

0.498+/-0.000 χ^2/NDF : 3922805357.4/14

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 949813.2/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 999102.9/14

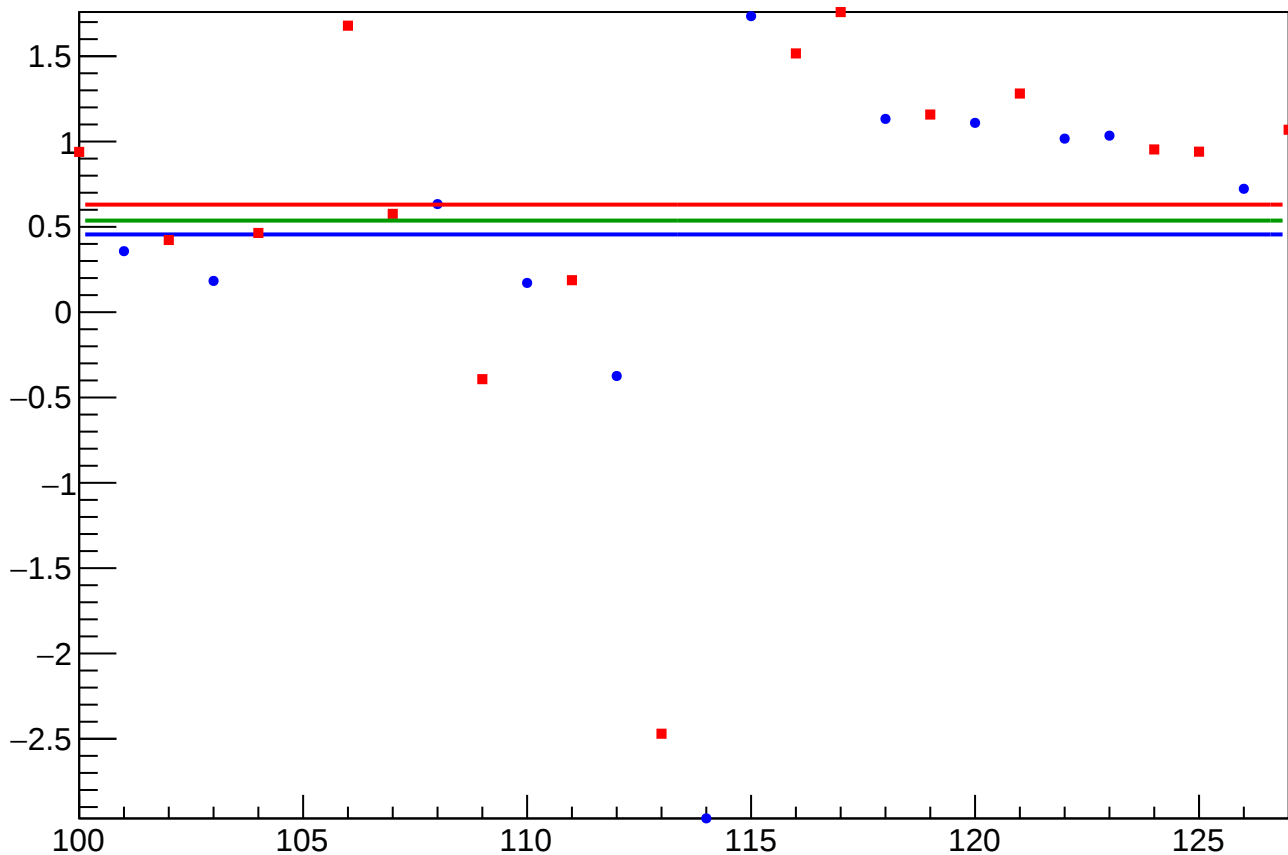
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 949813.2/11

0.013+/-0.000 χ^2/NDF : 1958721.6/26

0.014+/-0.000 χ^2/NDF : 999102.9/14

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.456+/-0.000 χ^2/NDF : 209037213.6/11

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

Right Out: 0.630+/-0.000 χ^2/NDF : 885585957.4/14

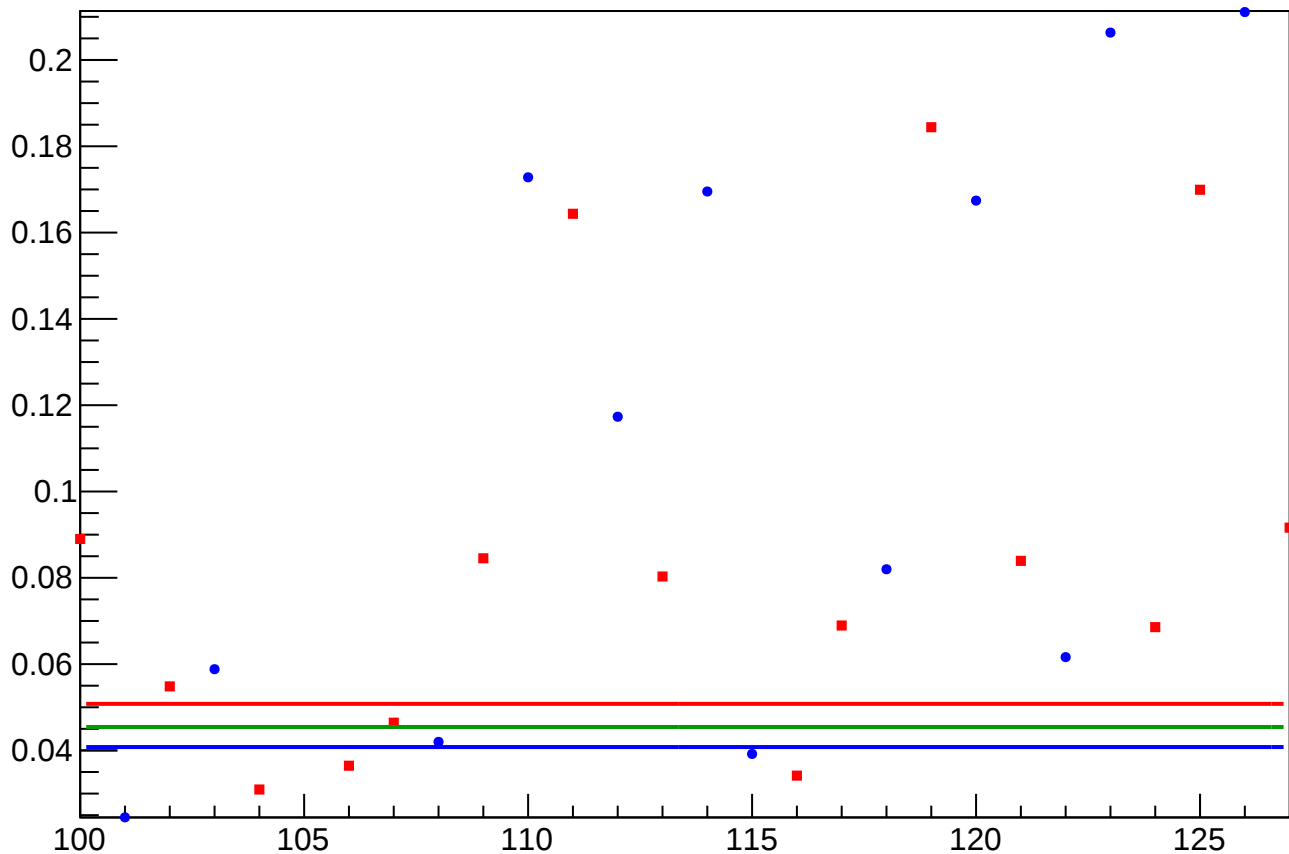
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.456+/-0.000 χ^2/NDF : 209037213.6/11

0.537+/-0.000 χ^2/NDF : 1113924766.7/26

0.630+/-0.000 χ^2/NDF : 885585957.4/14

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 2472946.7/11

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

Right Out: 0.051+/-0.000 χ^2/NDF : 2071468.0/14

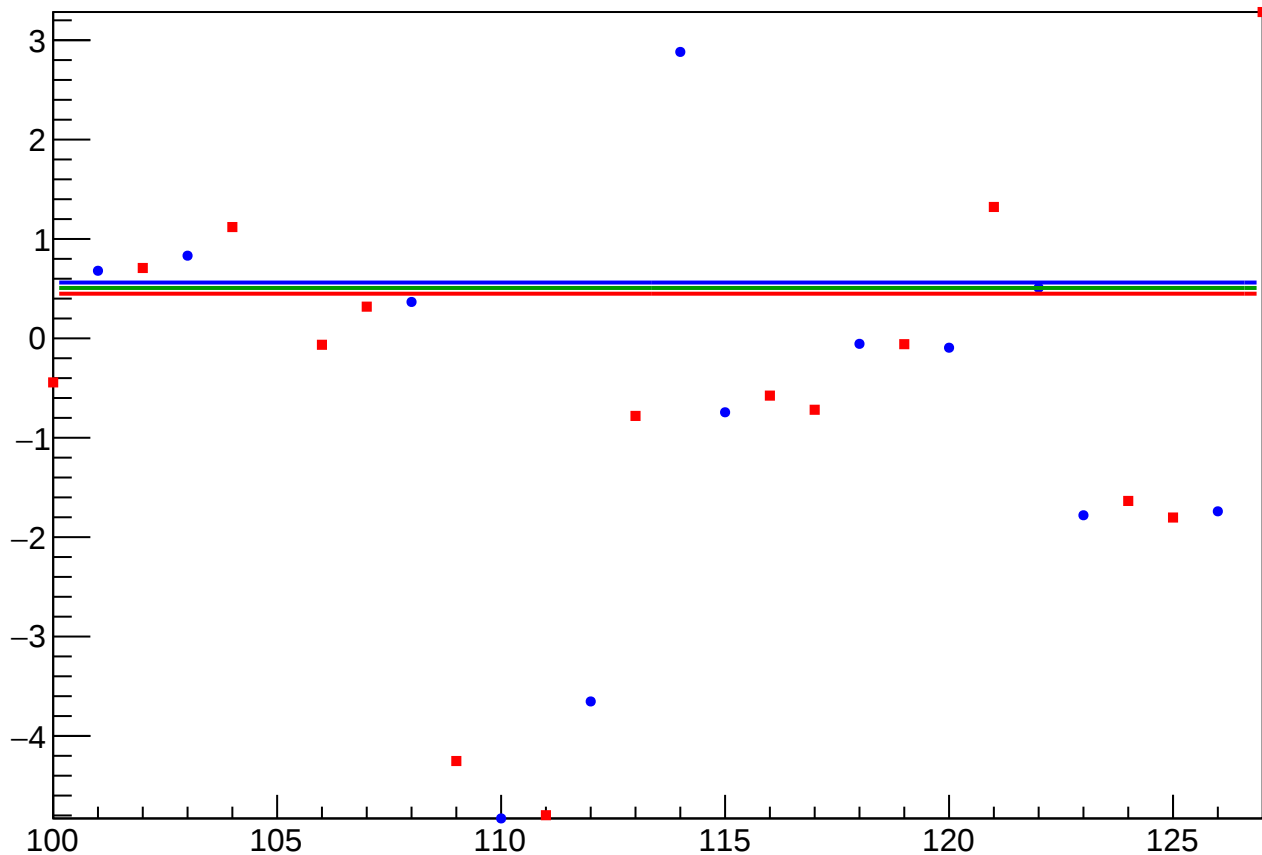
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 2472946.7/11

0.045+/-0.000 χ^2/NDF : 4671041.6/26

0.051+/-0.000 χ^2/NDF : 2071468.0/14

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.562+/-0.000 χ^2/NDF : 1673677450.5/11

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

Right Out: 0.449+/-0.000 χ^2/NDF : 4288167220.4/14

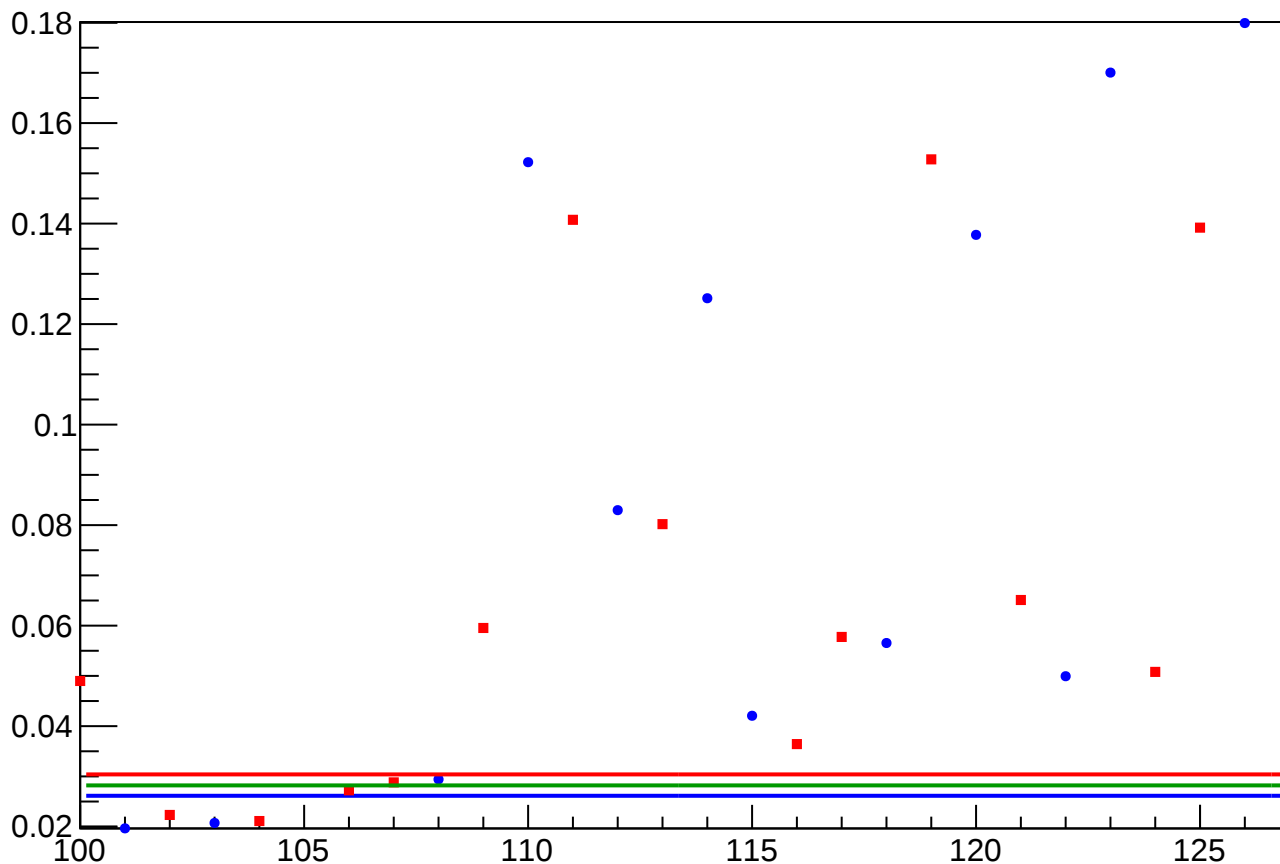
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.562+/-0.000 χ^2/NDF : 1673677450.5/11

0.507+/-0.000 χ^2/NDF : 5981948588.9/26

0.449+/-0.000 χ^2/NDF : 4288167220.4/14

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 2401220.5/11

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

Right Out: 0.030+/-0.000 χ^2/NDF : 2679337.7/14

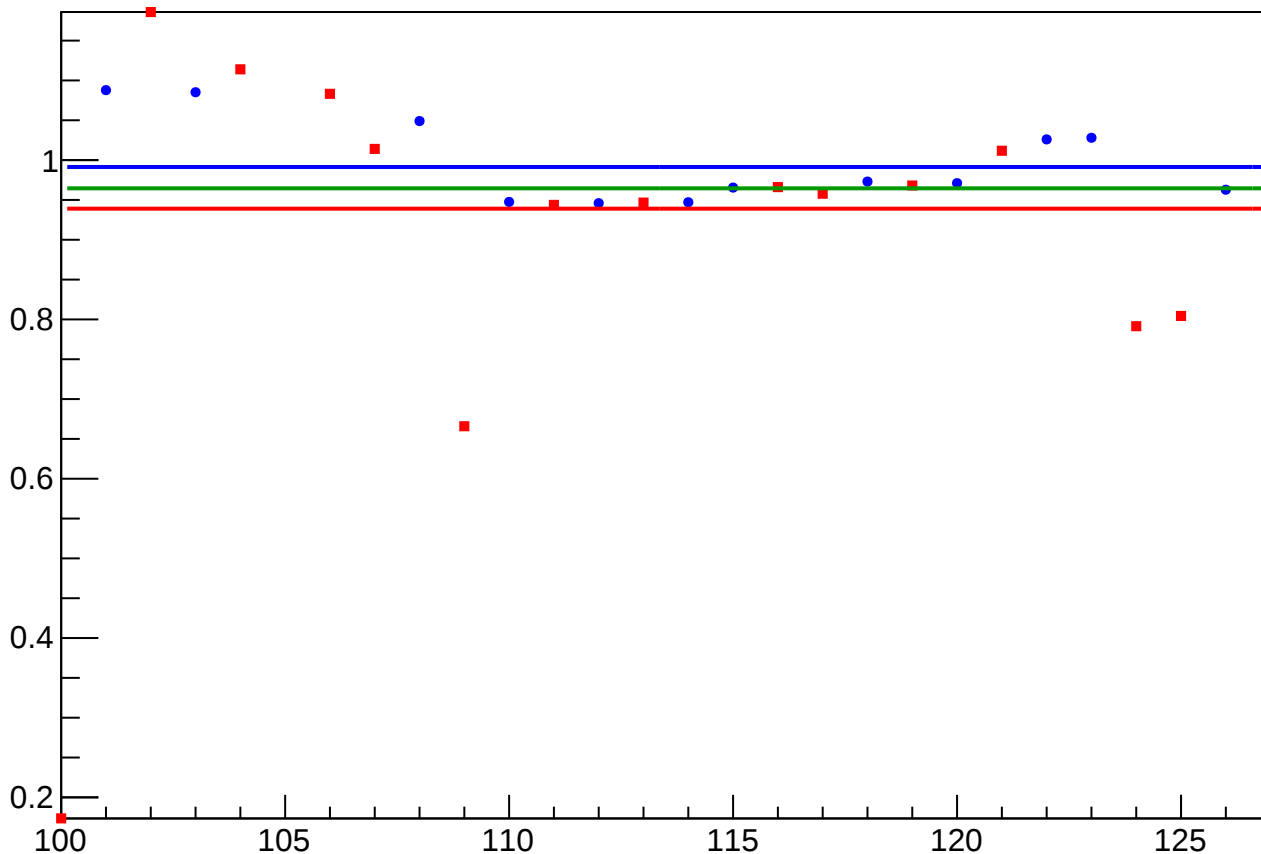
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.000 χ^2/NDF : 2401220.5/11

0.028+/-0.000 χ^2/NDF : 5138137.0/26

0.030+/-0.000 χ^2/NDF : 2679337.7/14

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.991+/-0.000 χ^2/NDF : 45451580.8/11

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

Right Out: 0.939+/-0.000 χ^2/NDF : 316400477.1/14

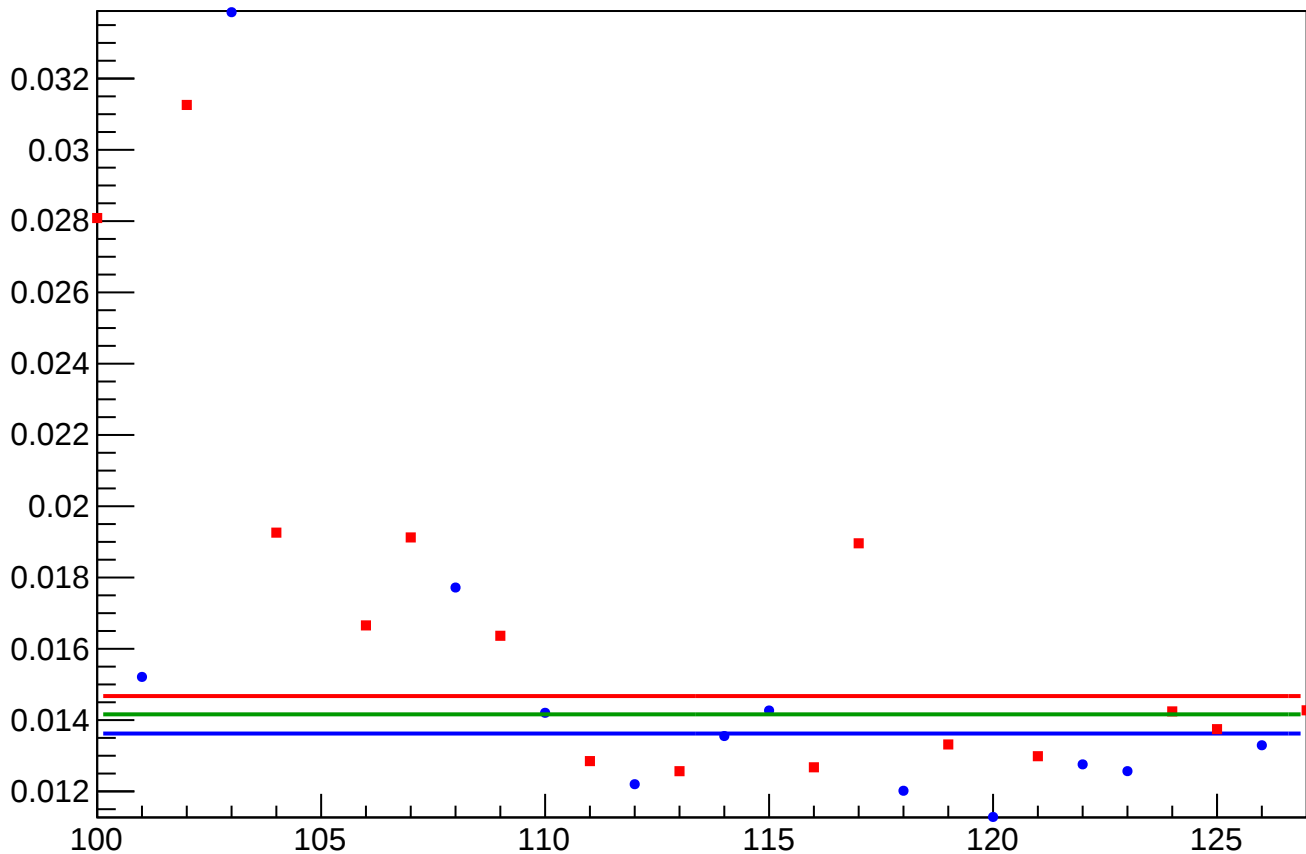
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.991+/-0.000 χ^2/NDF : 45451580.8/11

0.965+/-0.000 χ^2/NDF : 389118359.7/26

0.939+/-0.000 χ^2/NDF : 316400477.1/14

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 478327.9/11

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

Right Out: 0.015+/-0.000 χ^2/NDF : 472015.0/14

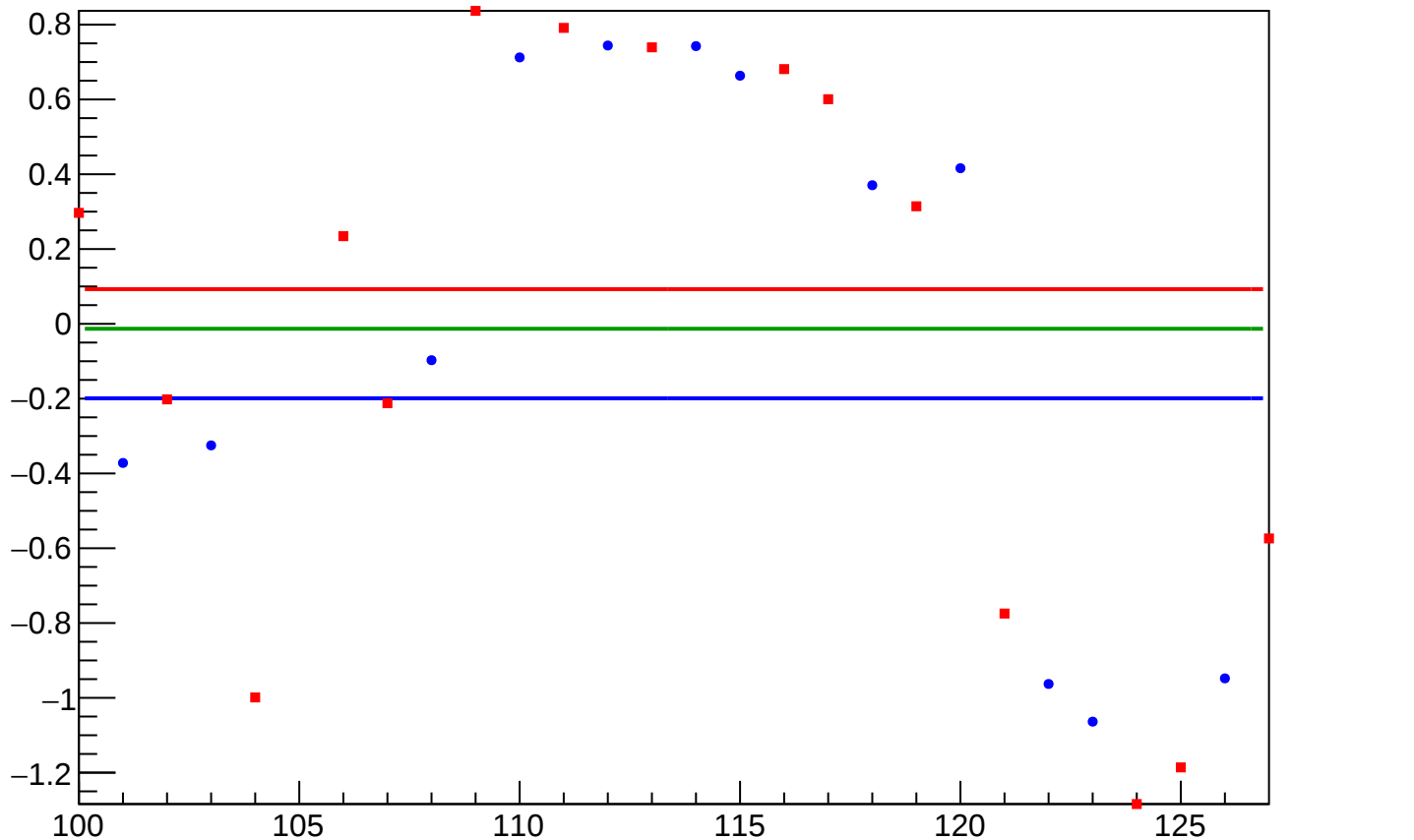
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 478327.9/11

0.014+/-0.000 χ^2/NDF : 972365.3/26

0.015+/-0.000 χ^2/NDF : 472015.0/14

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.199+/-0.000 χ^2/NDF : 4448835126.8/11

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

Right Out: 0.093+/-0.000 χ^2/NDF : 11772248902.0/14

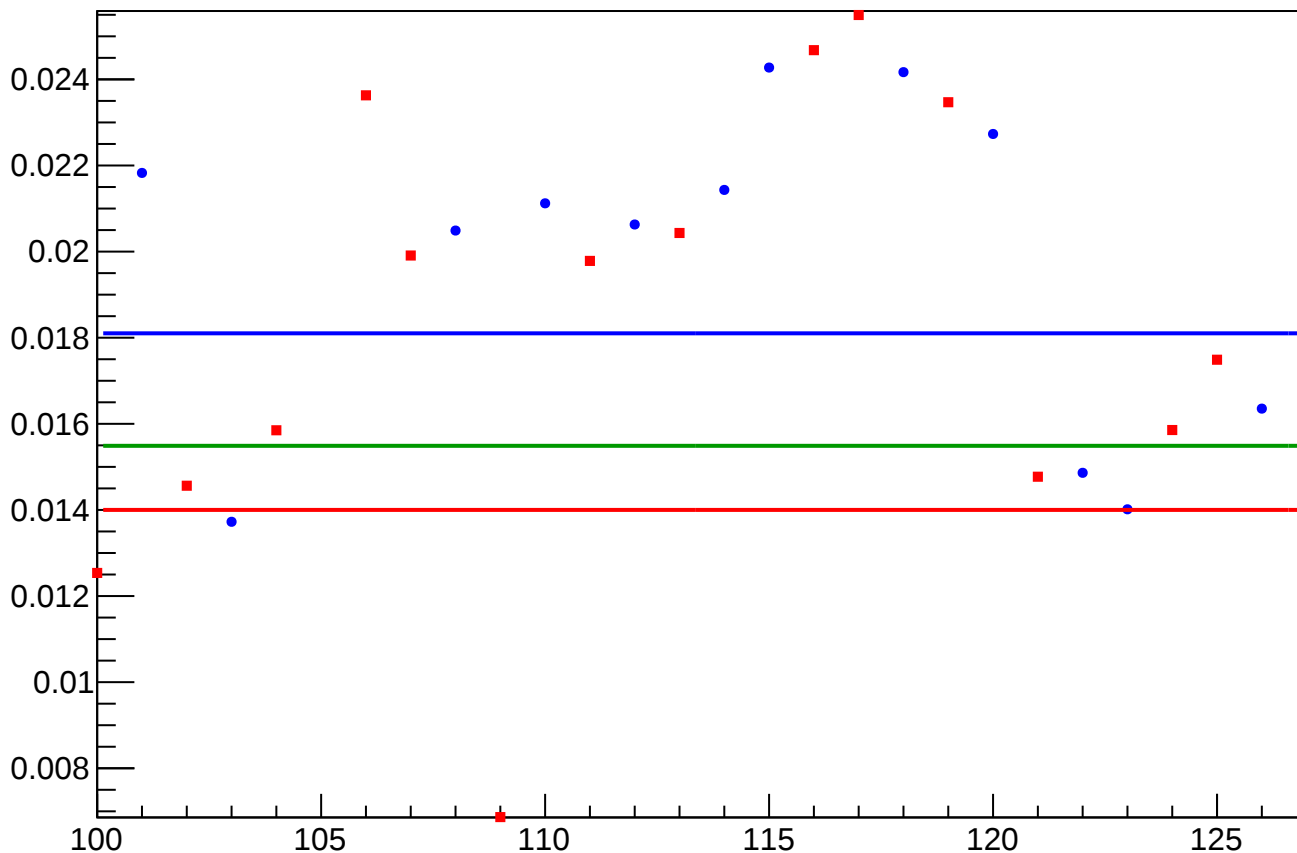
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.199+/-0.000 χ^2/NDF : 4448835126.8/11

-0.013+/-0.000 χ^2/NDF : 16849833725.0/14

0.093+/-0.000 χ^2/NDF : 11772248902.0/14

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 335547.3/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1318973.9/14

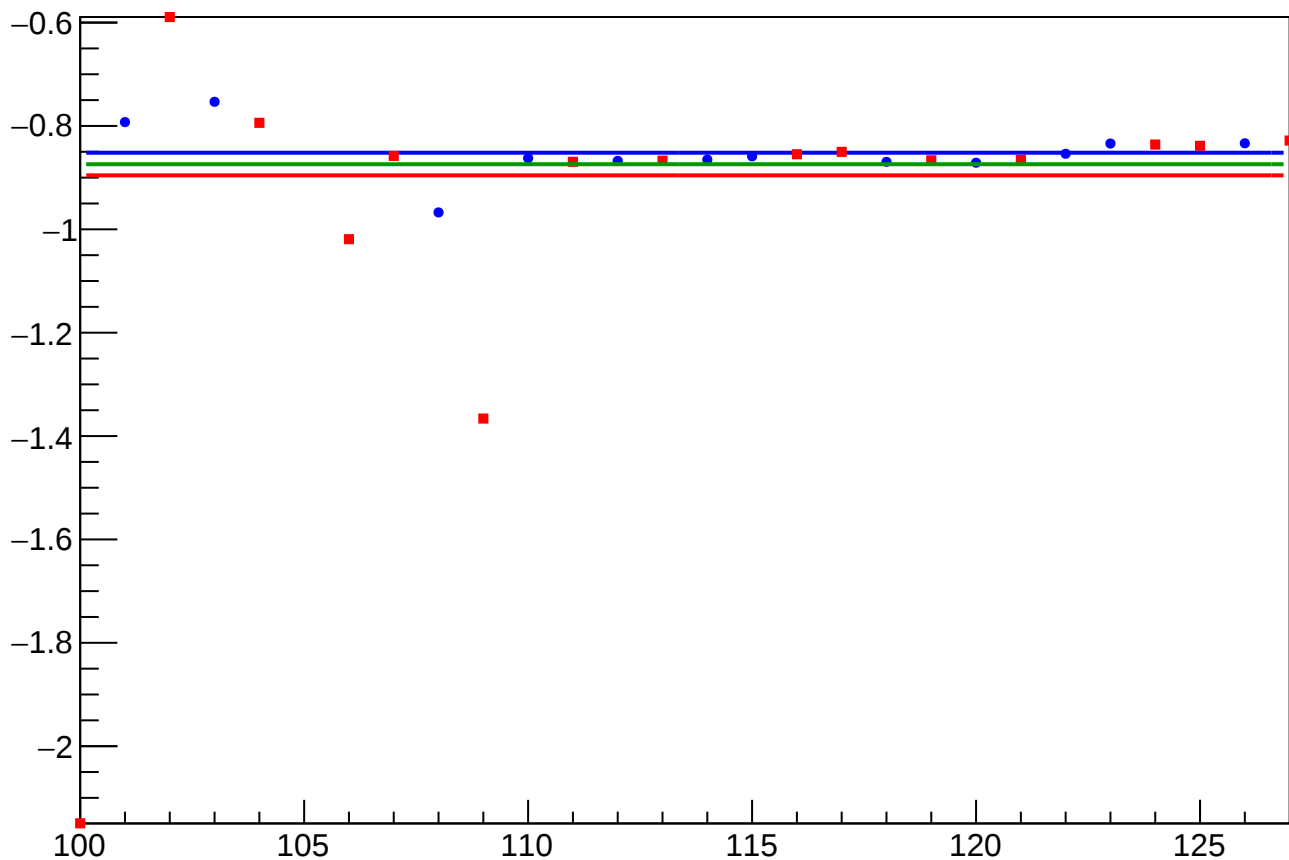
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 335547.3/11

0.015+/-0.000 χ^2/NDF : 1902996.2/26

0.014+/-0.000 χ^2/NDF : 1318973.9/14

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.852+/-0.000 χ^2/NDF : 6403688.8/11

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

Right Out: -0.896+/-0.000 χ^2/NDF : 112457009.7/14

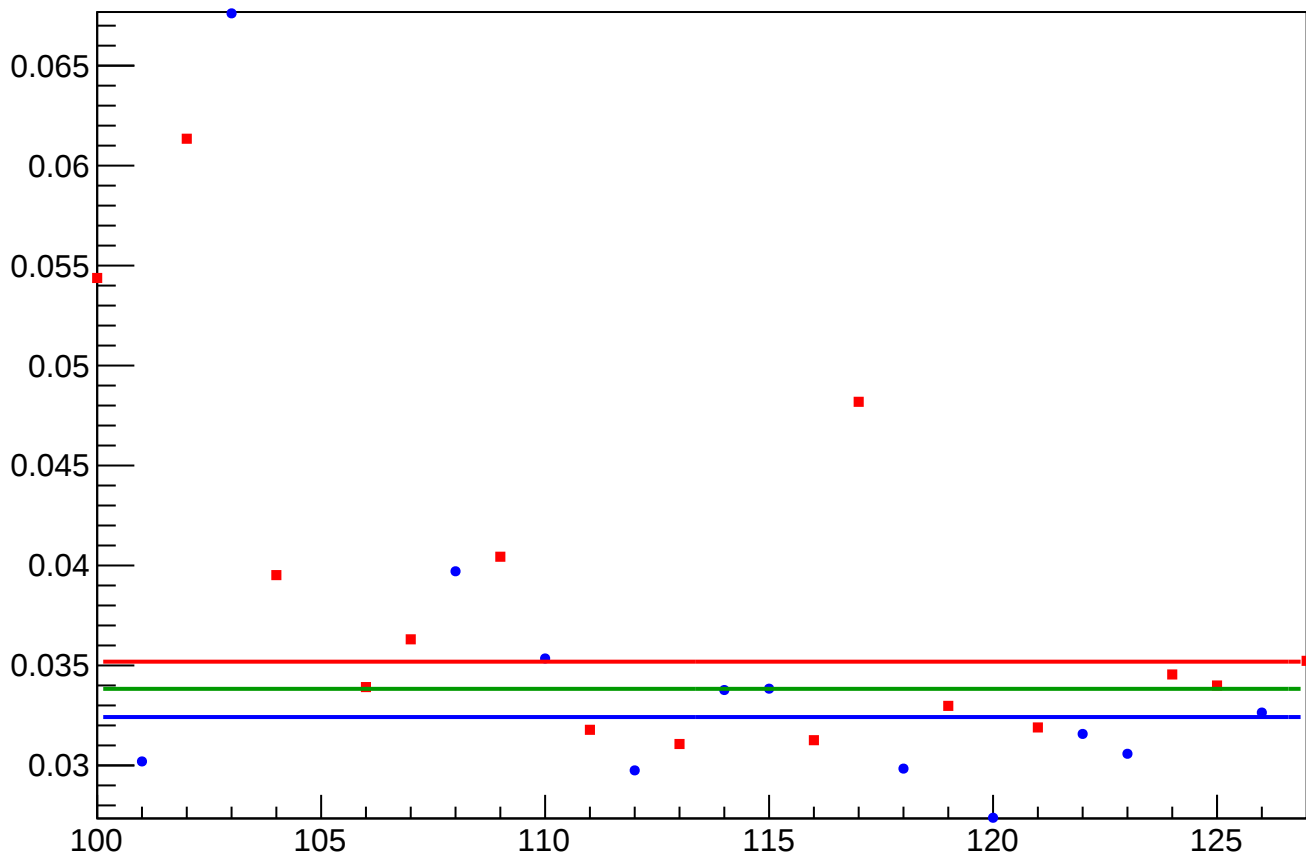
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.852+/-0.000 χ^2/NDF : 6403688.8/11

-0.874+/-0.000 χ^2/NDF : 122254237.8/26

-0.896+/-0.000 χ^2/NDF : 112457009.7/14

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032 +/- 0.000 χ^2/NDF : 344393.1/11

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

Right Out: 0.035 +/- 0.000 χ^2/NDF : 262613.3/14

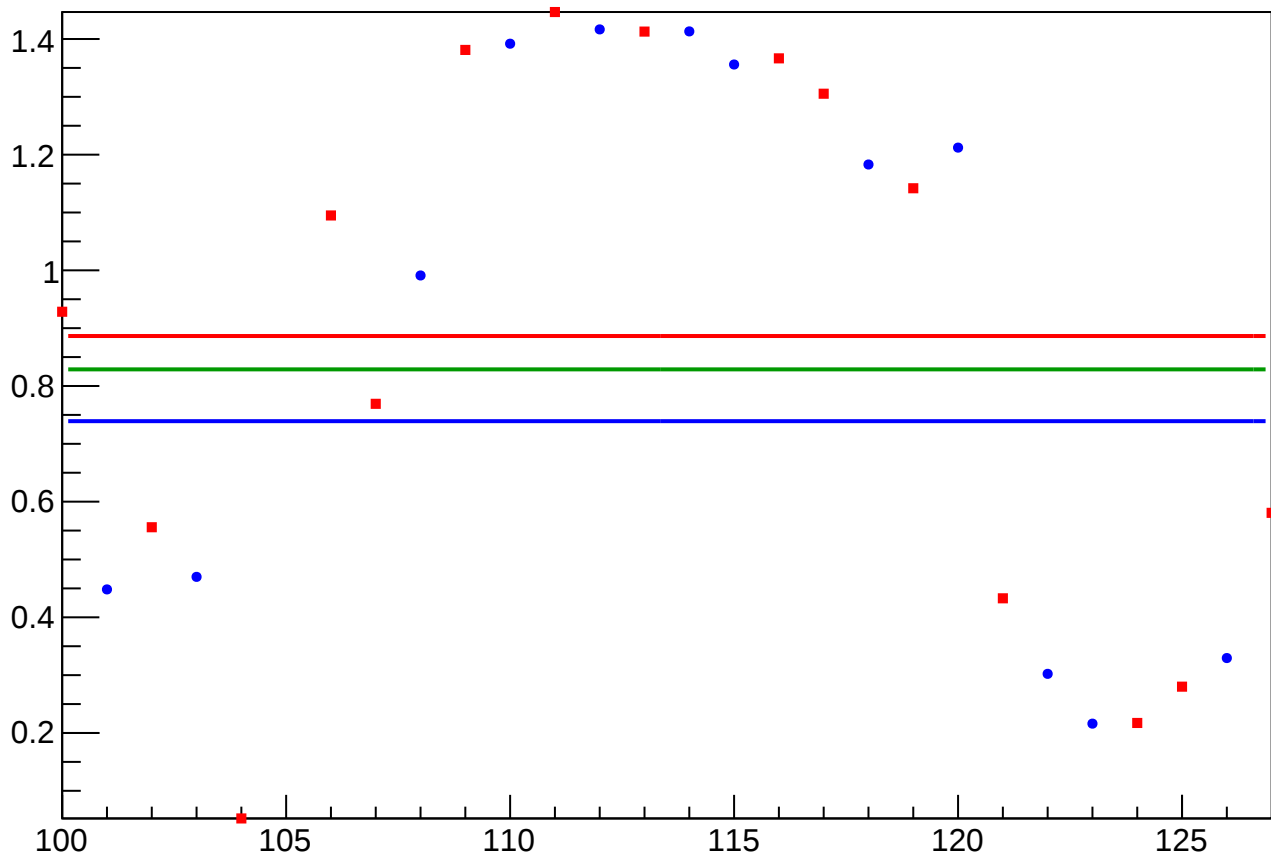
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.032 +/- 0.000 χ^2/NDF : 344393.1/11

0.034 +/- 0.000 χ^2/NDF : 634169.9/26

0.035 +/- 0.000 χ^2/NDF : 262613.3/14

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.739 $\pm$ 0.000 χ^2 /NDF: 4983630702.7/11

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

Right Out: 0.886 $\pm$ 0.000 χ^2 /NDF: 9183053037.9/14

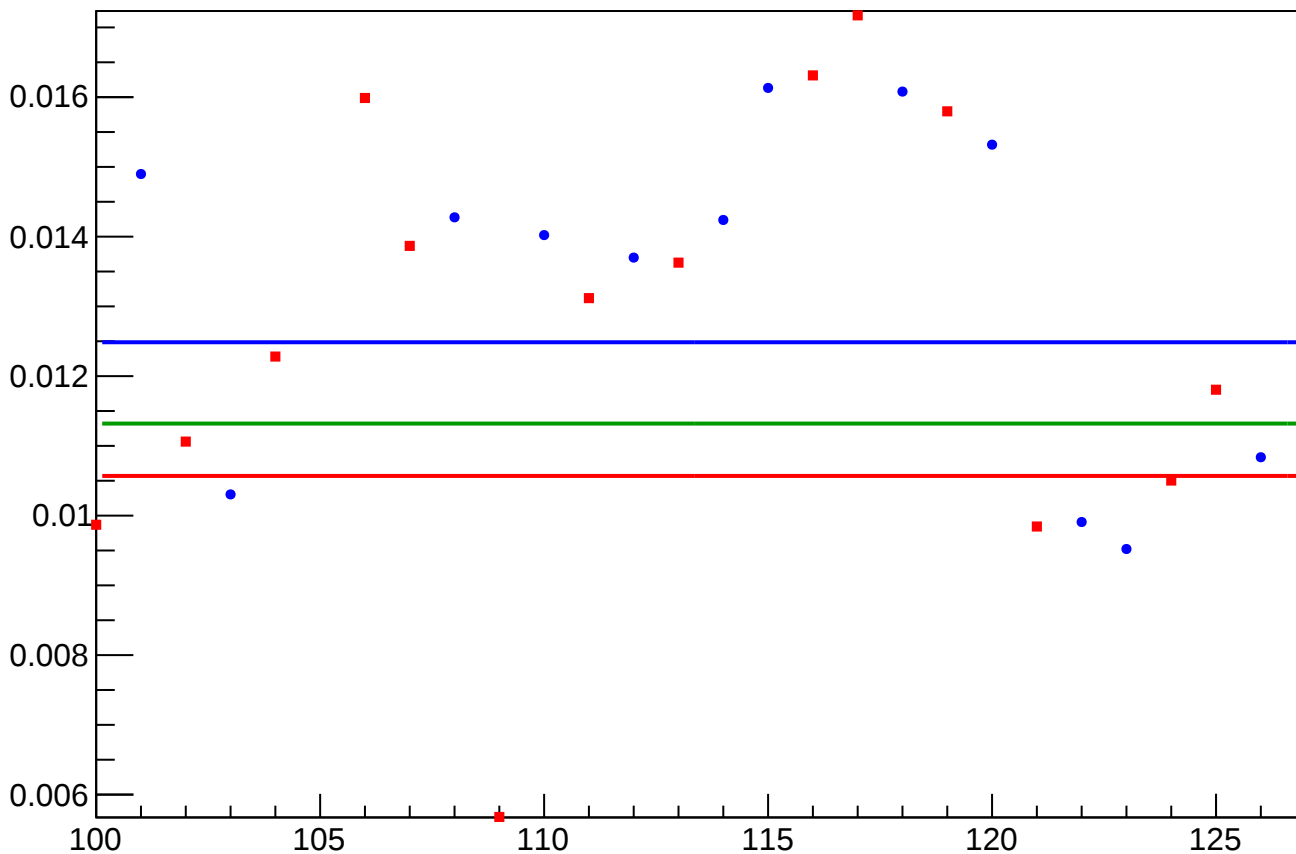
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.739 $\pm$ 0.000 χ^2 /NDF: 4983630702.7/11

0.829 $\pm$ 0.000 χ^2 /NDF: 14489781239.9/2

0.886 $\pm$ 0.000 χ^2 /NDF: 9183053037.9/14

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 262672.3/11

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

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 849916.7/14

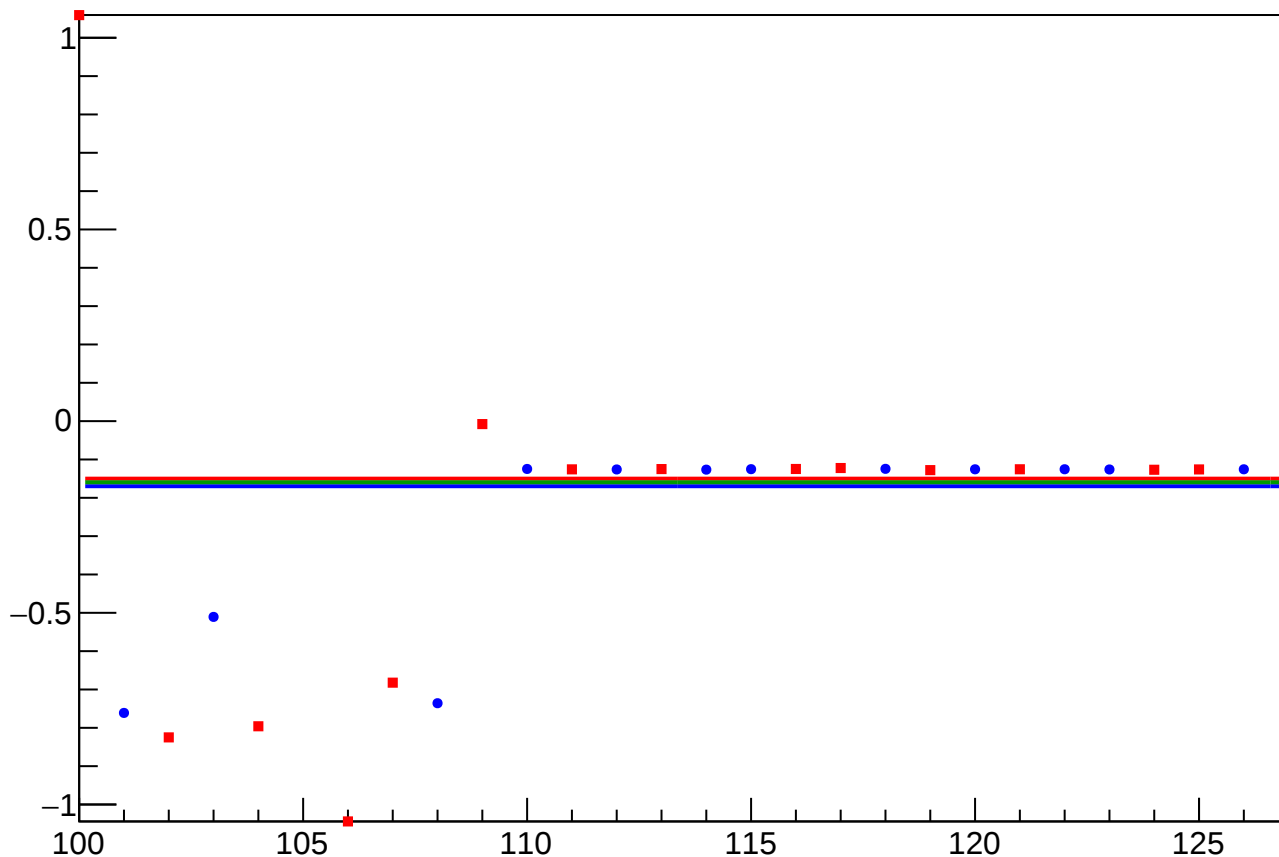
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 262672.3/11

0.011 $\pm$ 0.000 χ^2 /NDF: 1222106.3/26

0.011 $\pm$ 0.000 χ^2 /NDF: 849916.7/14

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.170+/-0.000 χ^2/NDF : 358770537.8/11

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

Right Out: -0.150+/-0.000 χ^2/NDF : 422423954.2/14

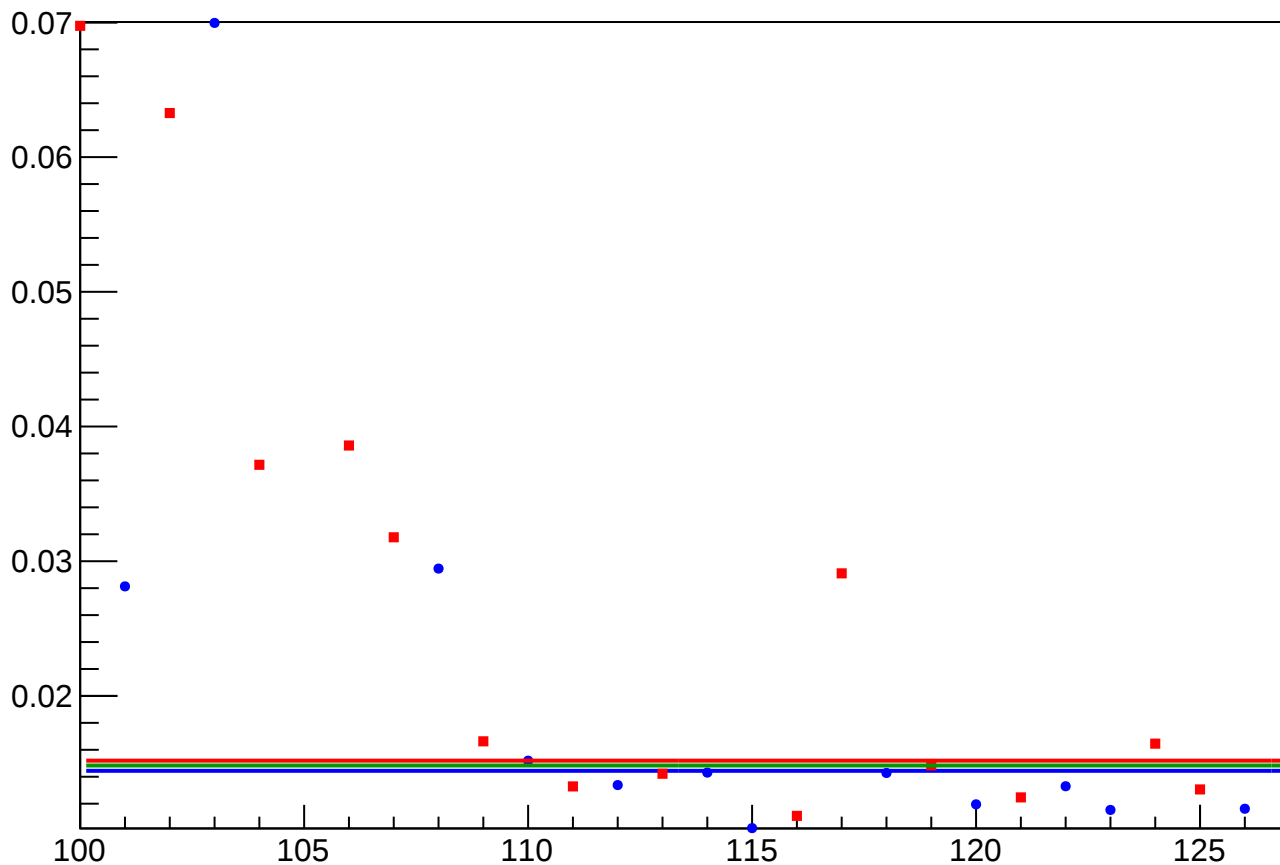
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.170+/-0.000 χ^2/NDF : 358770537.8/11

-0.159+/-0.000 χ^2/NDF : 784077802.3/26

-0.150+/-0.000 χ^2/NDF : 422423954.2/14

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1172822.0/11

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1356822.4/14

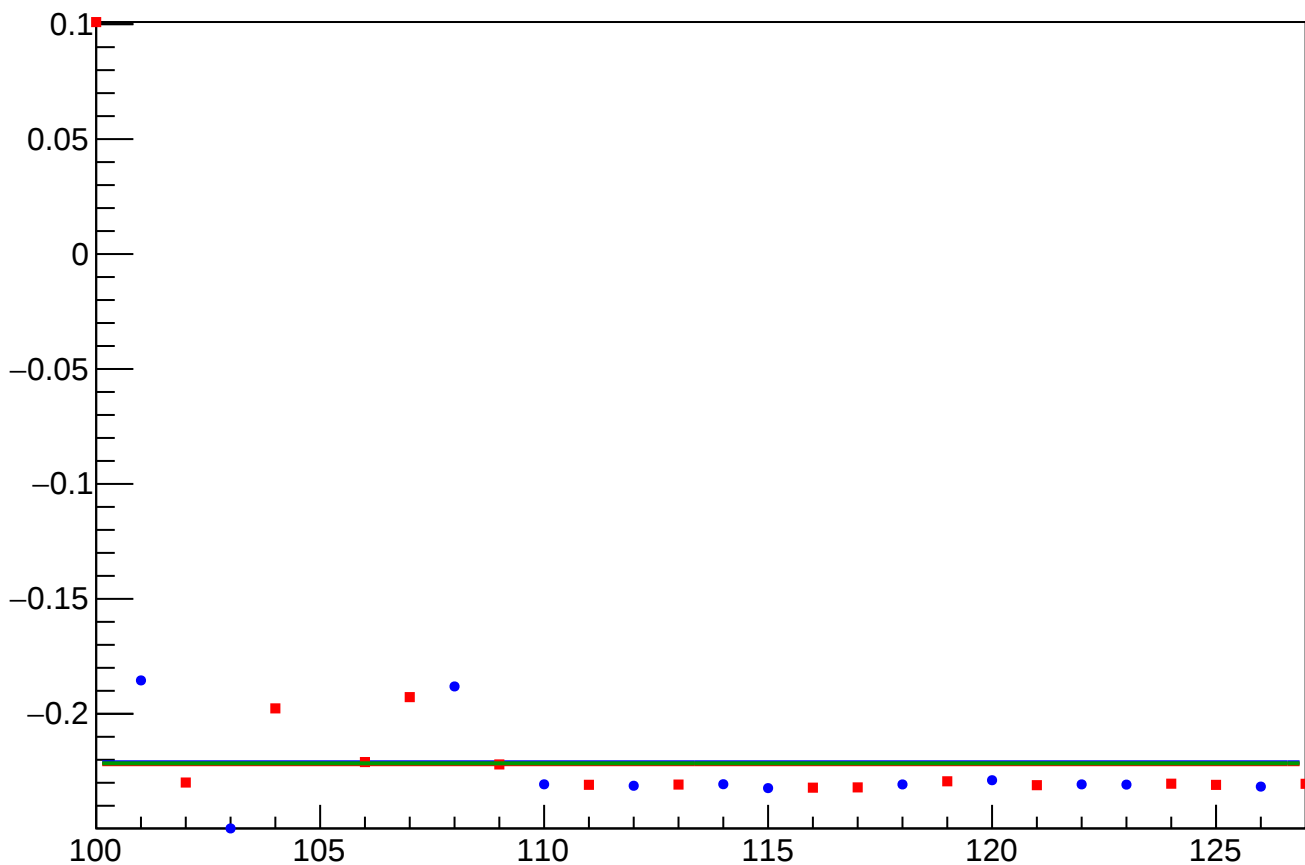
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1172822.0/11

0.015+/-0.000 χ^2/NDF : 2538119.6/26

0.015+/-0.000 χ^2/NDF : 1356822.4/14

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 70594647.5/11

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

Right Out: -0.222+/-0.000 χ^2/NDF : 165861749.0/14

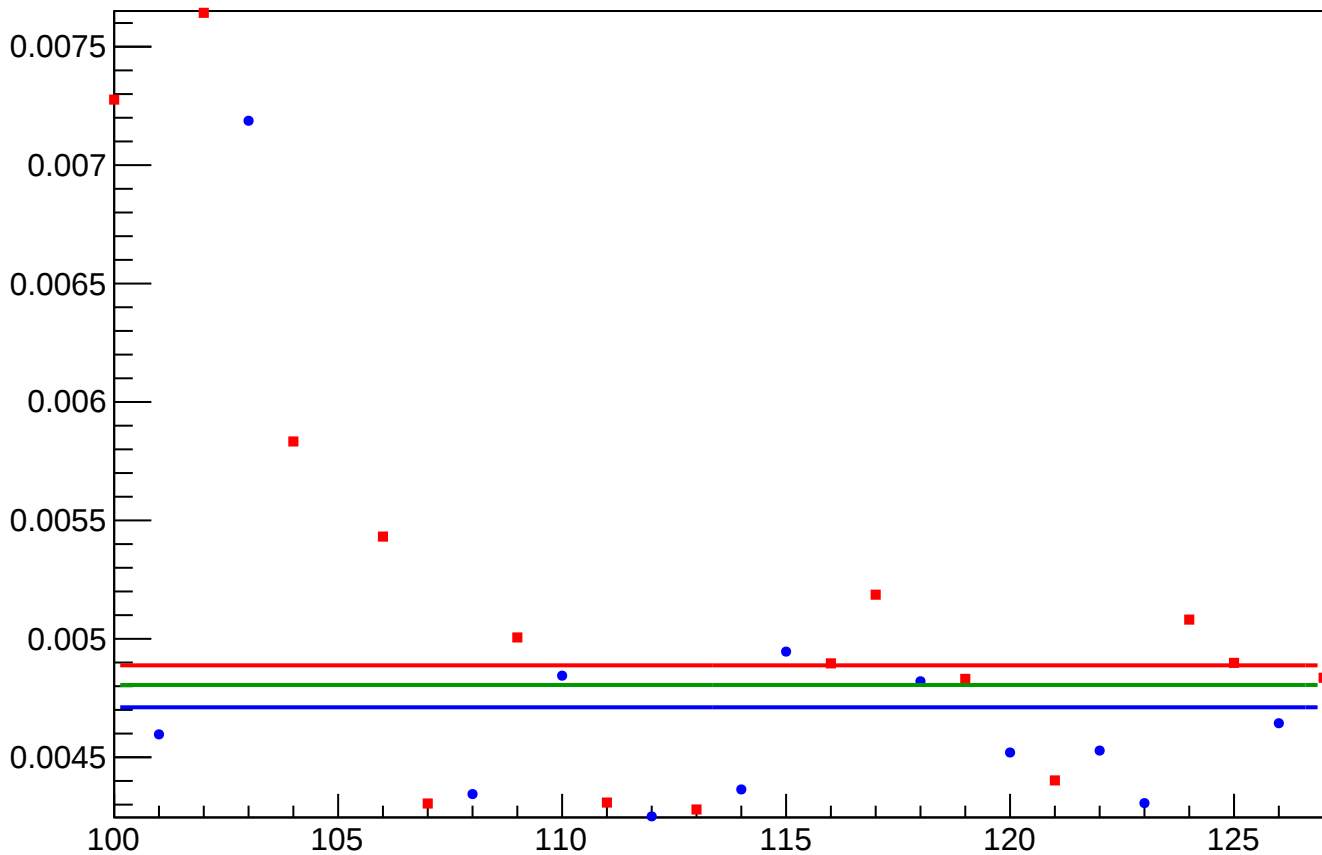
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.221+/-0.000 χ^2/NDF : 70594647.5/11

-0.222+/-0.000 χ^2/NDF : 236521696.5/26

-0.222+/-0.000 χ^2/NDF : 165861749.0/14

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 146797.7/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226544.2/14

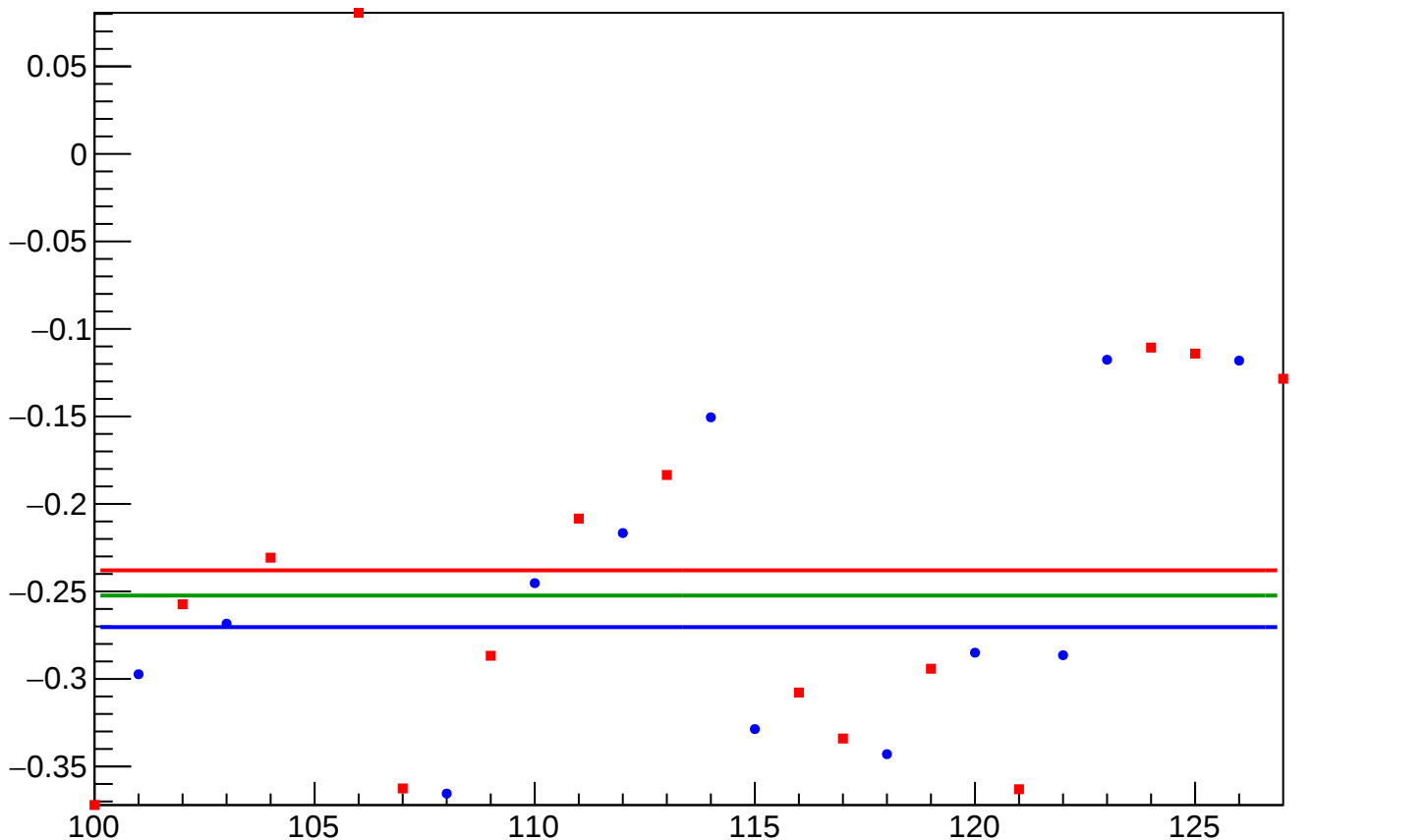
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 146797.7/11

0.005+/-0.000 χ^2/NDF : 379116.8/26

0.005+/-0.000 χ^2/NDF : 226544.2/14

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.270+/-0.000 χ^2/NDF : 464758777.1/11

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

Right Out: -0.238+/-0.000 χ^2/NDF : 1060649902.4/14

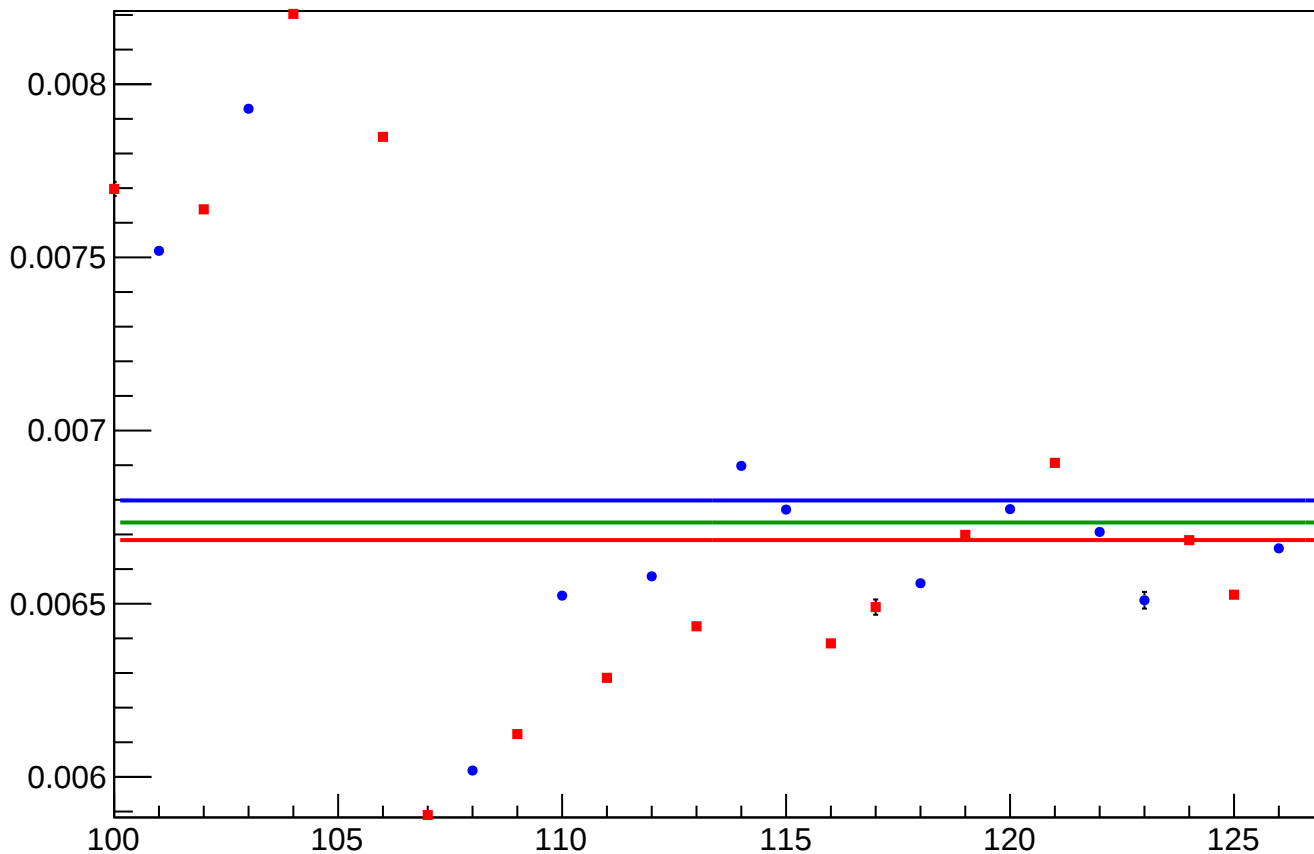
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.270+/-0.000 χ^2/NDF : 464758777.1/11

-0.252+/-0.000 χ^2/NDF : 1578330426.5/20

-0.238+/-0.000 χ^2/NDF : 1060649902.4/14

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 50448.3/11

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

Right Out: 0.007+/-0.000 χ^2/NDF : 89193.5/14

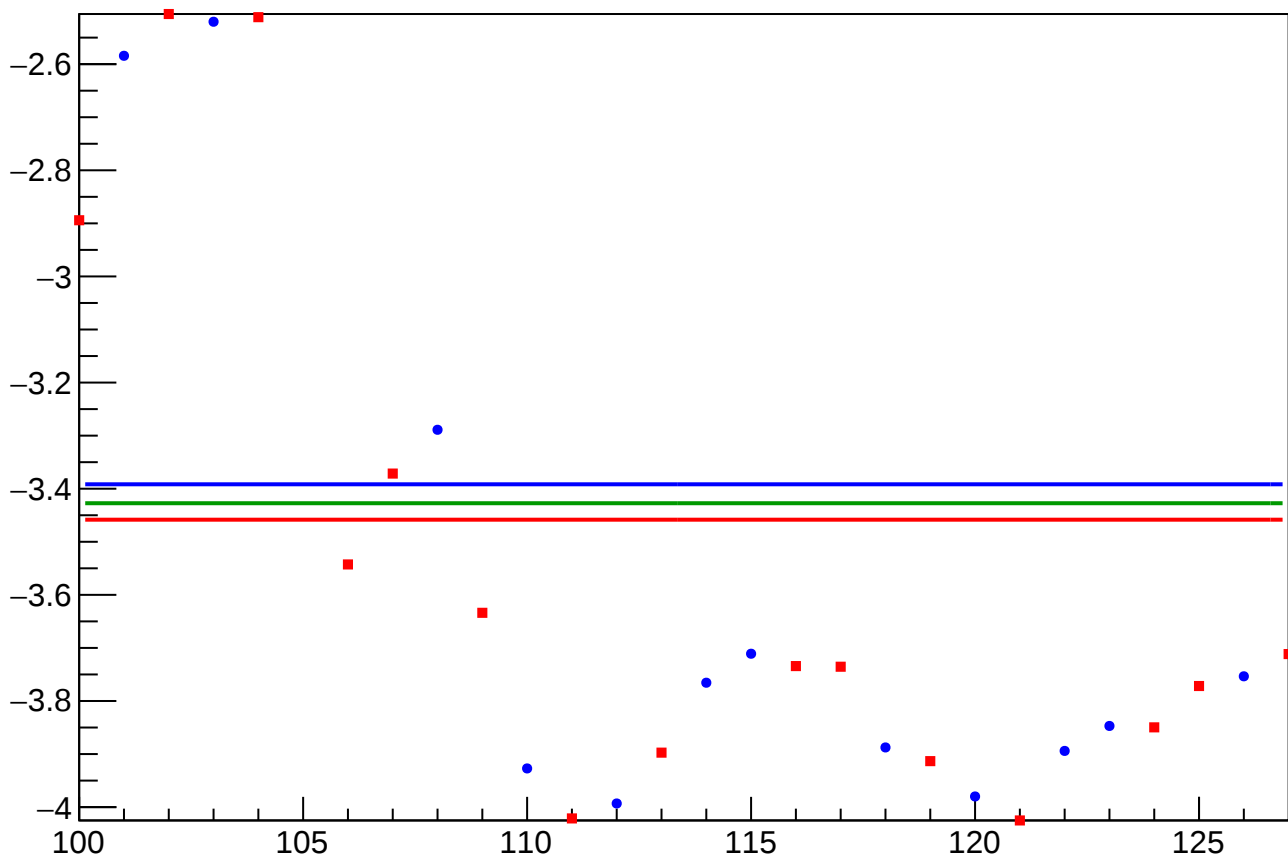
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 50448.3/11

0.007+/-0.000 χ^2/NDF : 140959.3/26

0.007+/-0.000 χ^2/NDF : 89193.5/14

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.392+/-0.000 χ^2 /NDF: 25391190550.0/11

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

Right Out: -3.458+/-0.000 χ^2 /NDF: 25057411490.1/14

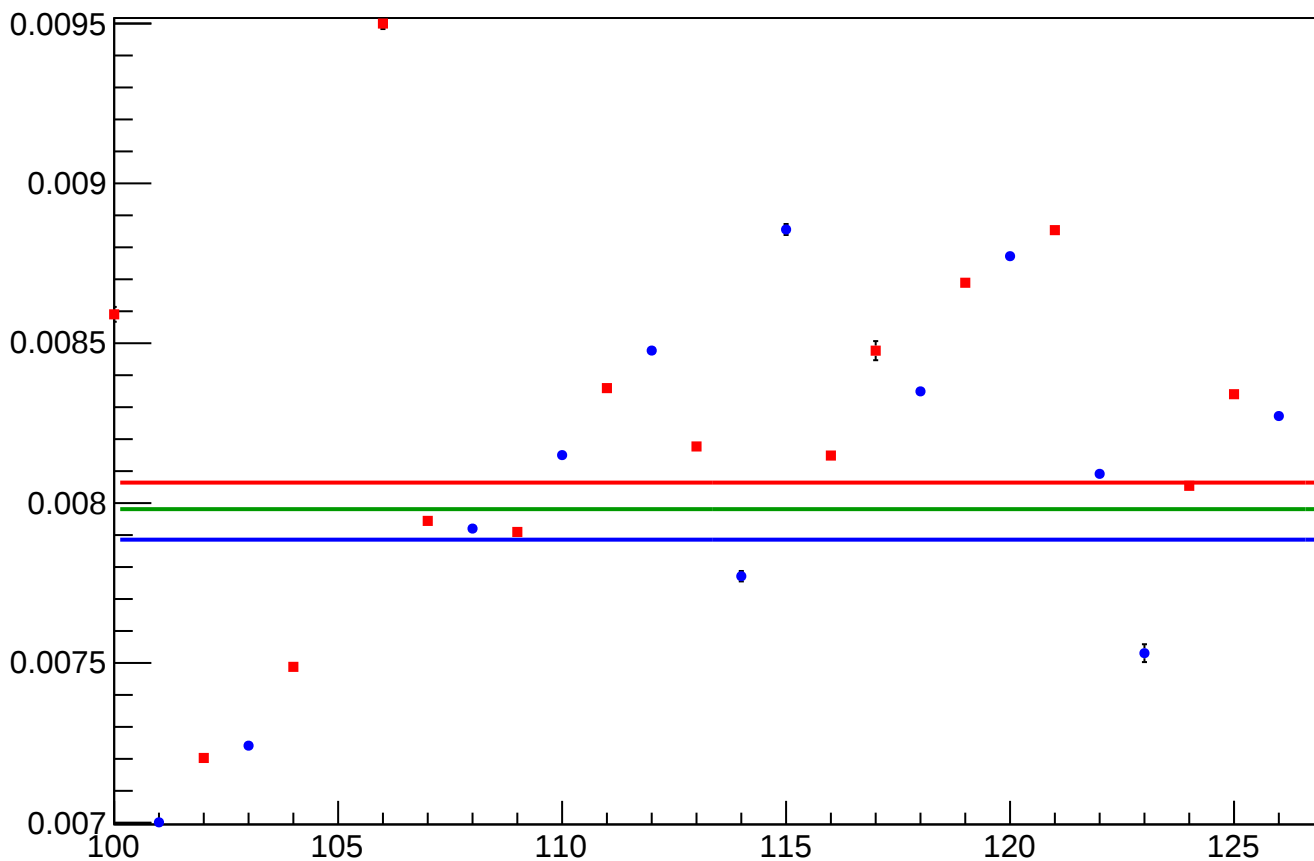
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.392+/-0.000 χ^2 /NDF: 25391190550.0/11

-3.427+/-0.000 χ^2 /NDF: 50606744348.6/14

-3.458+/-0.000 χ^2 /NDF: 25057411490.1/14

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 47395.7/11

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 41895.8/14

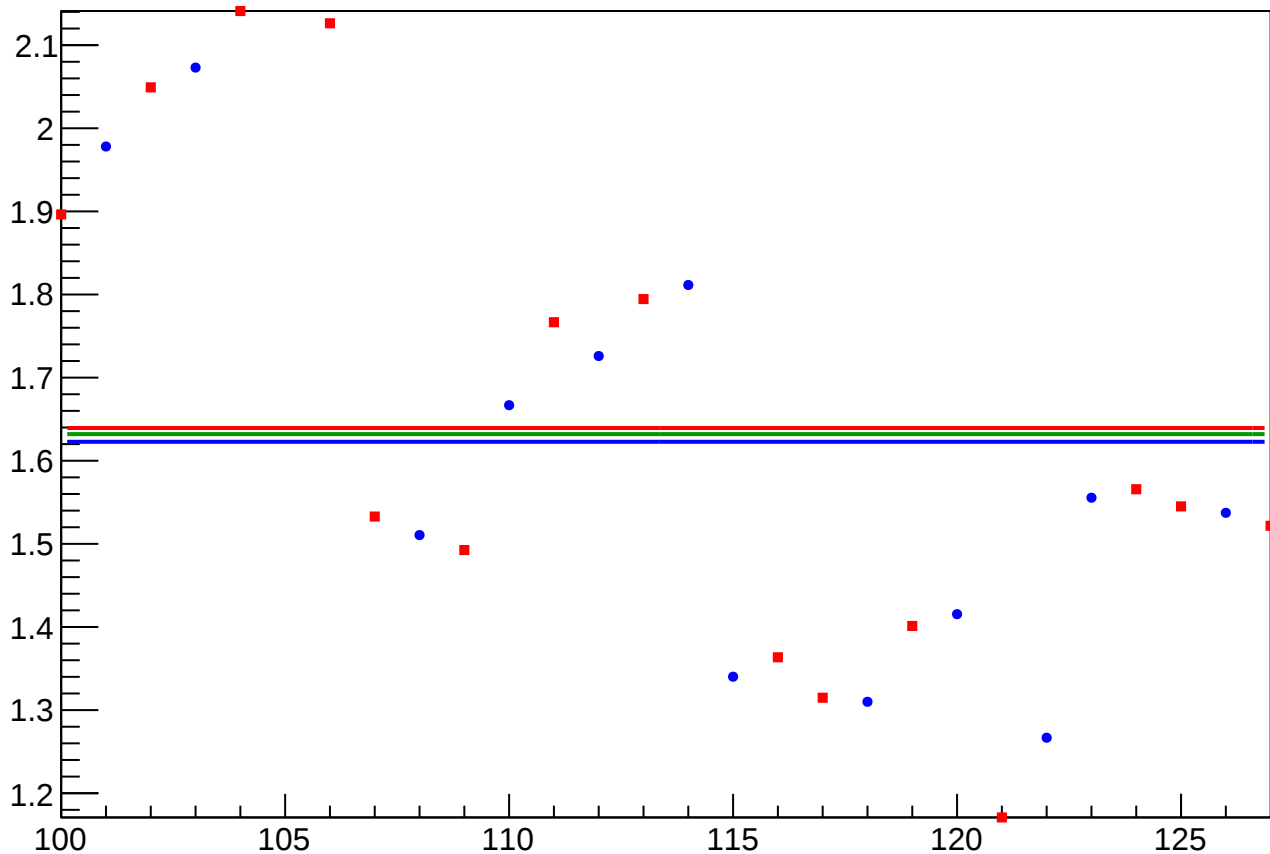
Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 47395.7/11

0.008+/-0.000 χ^2/NDF : 91556.1/26

0.008+/-0.000 χ^2/NDF : 41895.8/14

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.623+/-0.000 χ^2/NDF : 1961853087.6/11

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

Right Out: 1.639+/-0.000 χ^2/NDF : 2717450000.2/14

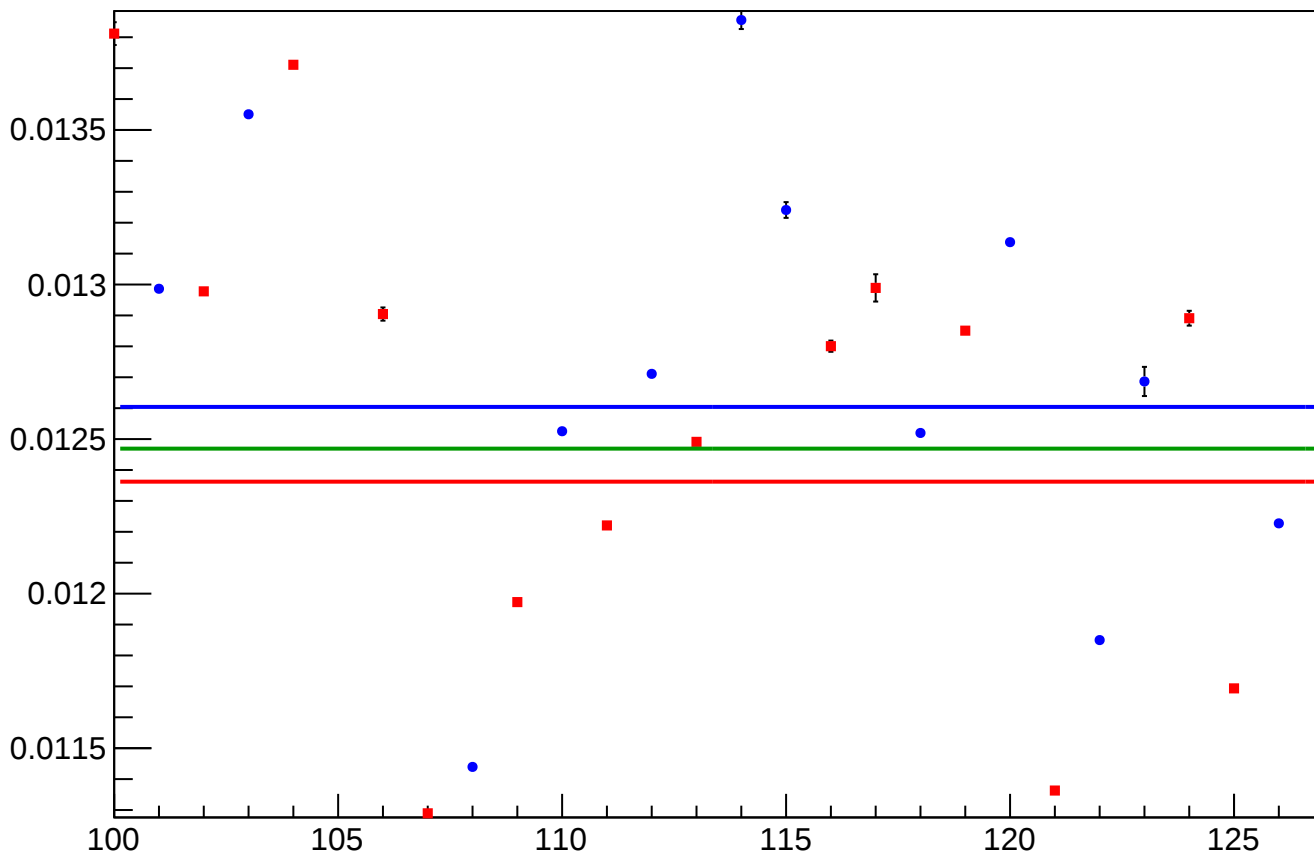
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.623+/-0.000 χ^2/NDF : 1961853087.6/11

1.632+/-0.000 χ^2/NDF : 4683312227.3/26

1.639+/-0.000 χ^2/NDF : 2717450000.2/14

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 21845.4/11

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

Right Out: 0.012+/-0.000 χ^2/NDF : 32547.9/14

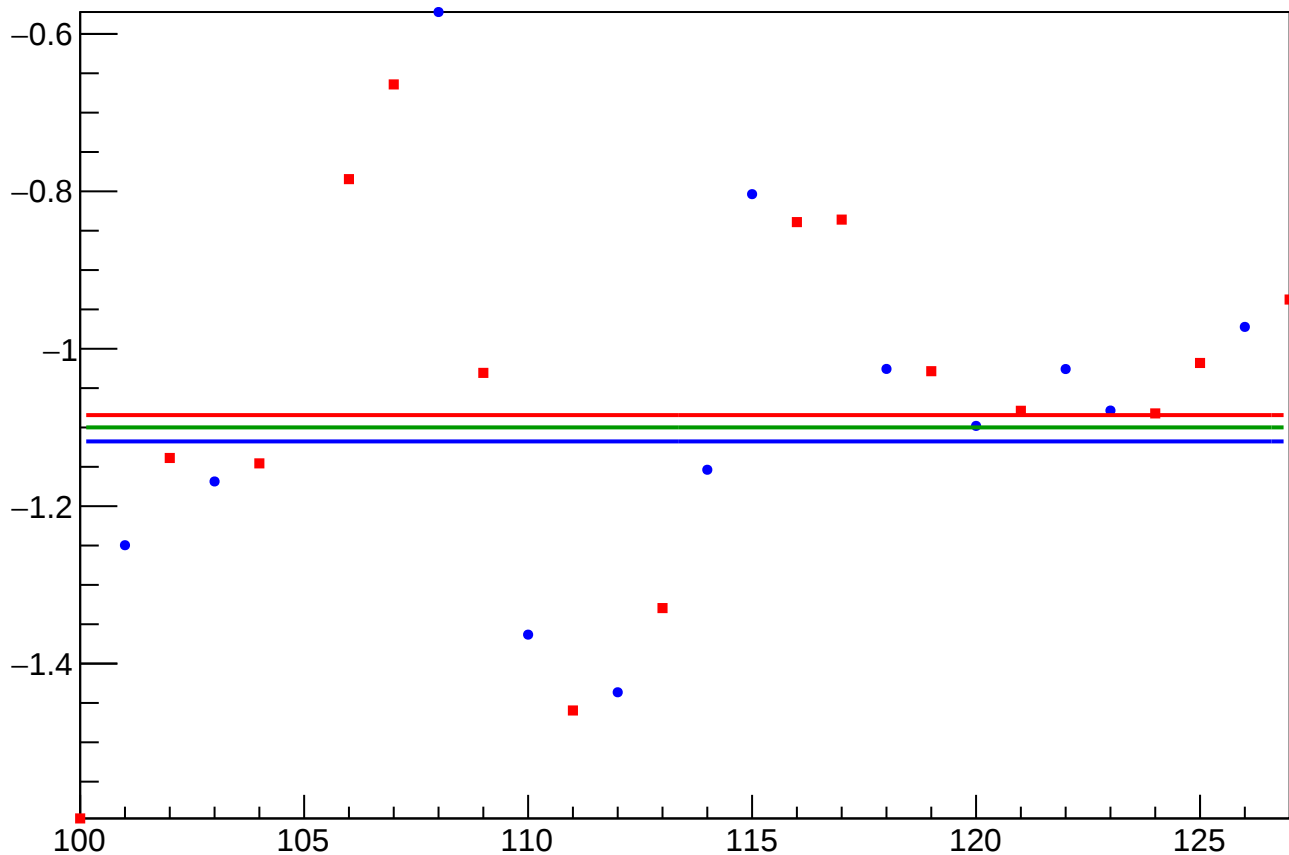
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 21845.4/11

0.012+/-0.000 χ^2/NDF : 56103.5/26

0.012+/-0.000 χ^2/NDF : 32547.9/14

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.118+/-0.000 χ^2/NDF : 2405971146.6/11

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

Right Out: -1.084+/-0.000 χ^2/NDF : 2230370288.2/14

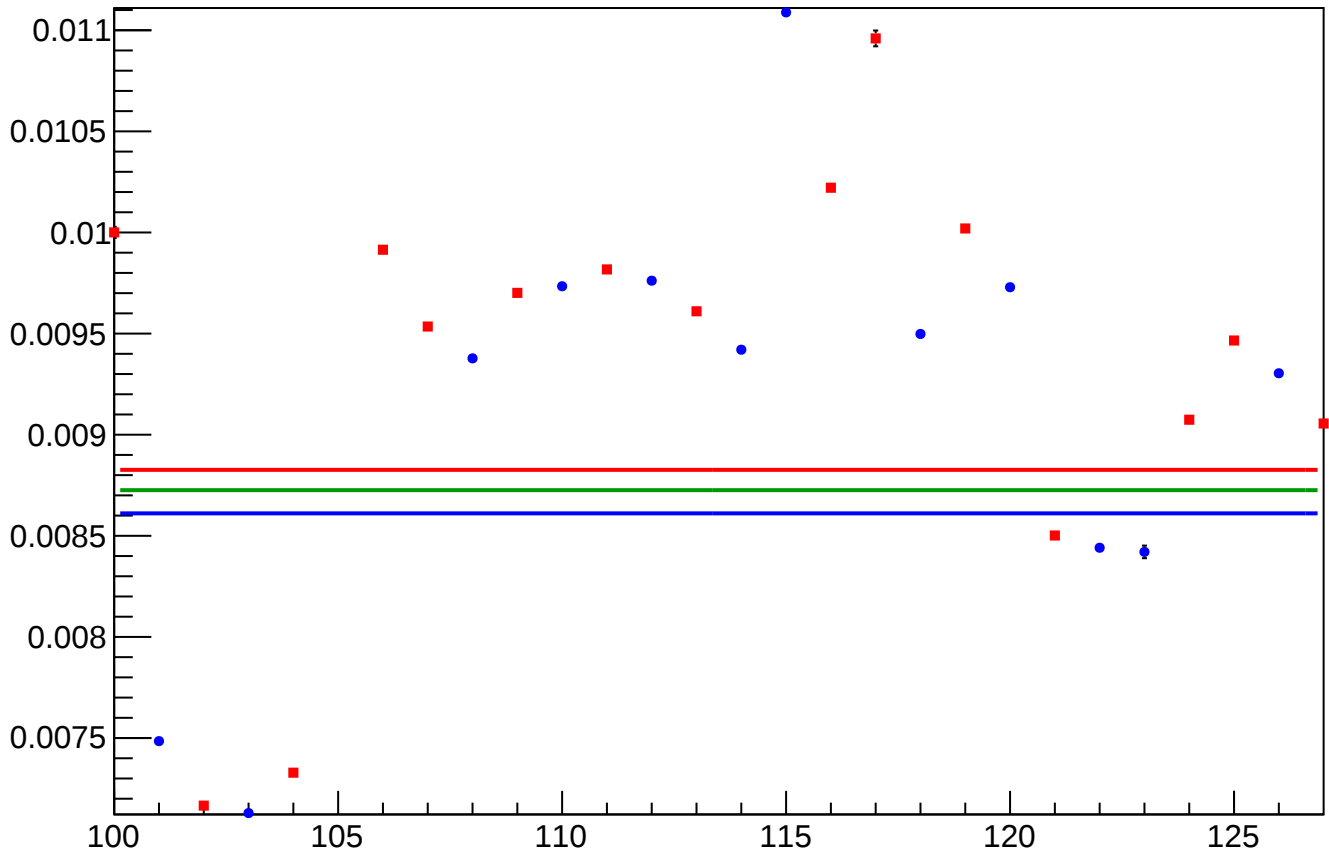
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.118+/-0.000 χ^2/NDF : 2405971146.6/11

-1.100+/-0.000 χ^2/NDF : 4668697129.7/20

-1.084+/-0.000 χ^2/NDF : 2230370288.2/14

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 134753.9/11

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

Right Out: 0.009+/-0.000 χ^2/NDF : 156363.6/14

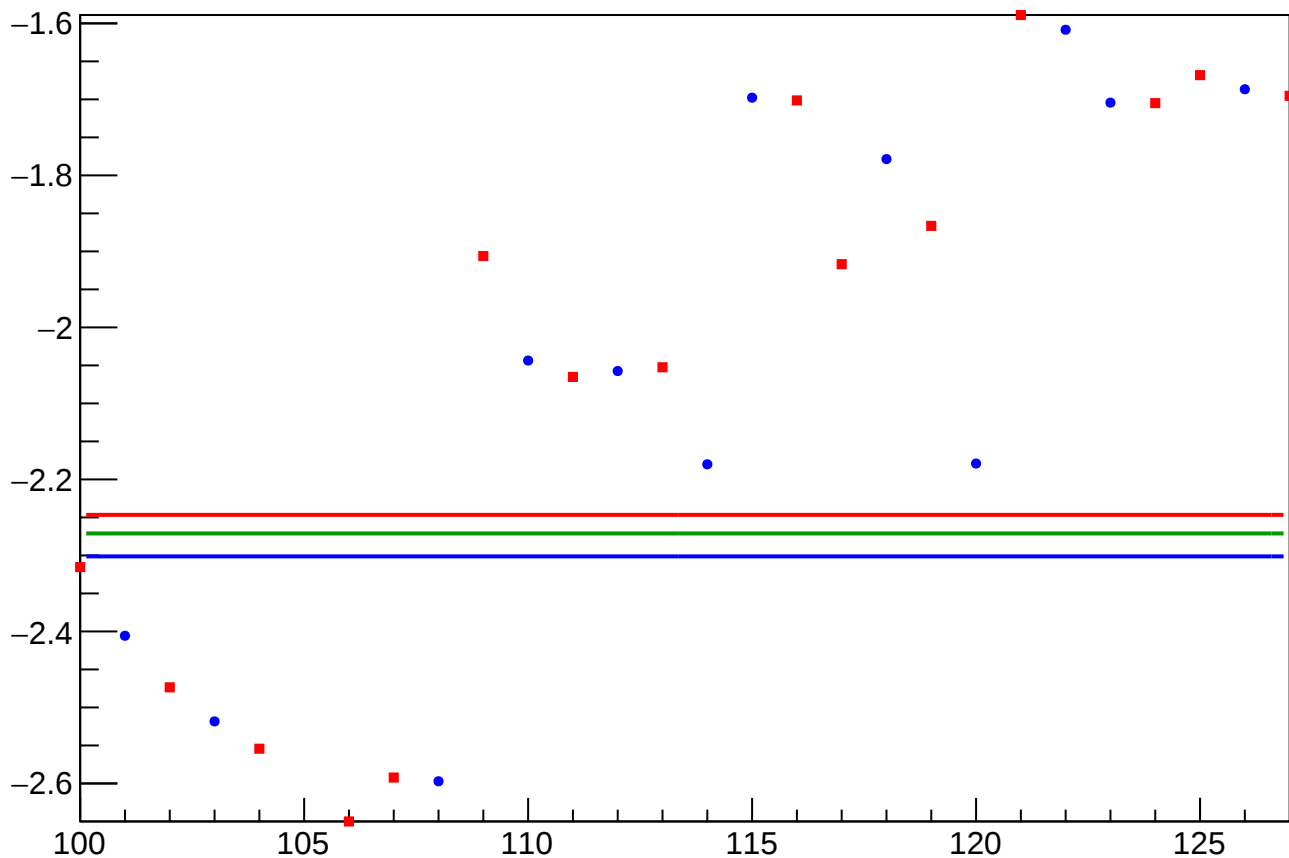
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 134753.9/11

0.009+/-0.000 χ^2/NDF : 293798.9/26

0.009+/-0.000 χ^2/NDF : 156363.6/14

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.301+/-0.000 χ^2 /NDF: 6714174022.5/11

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

Right Out: -2.247+/-0.000 χ^2 /NDF: 10639701996.2/14

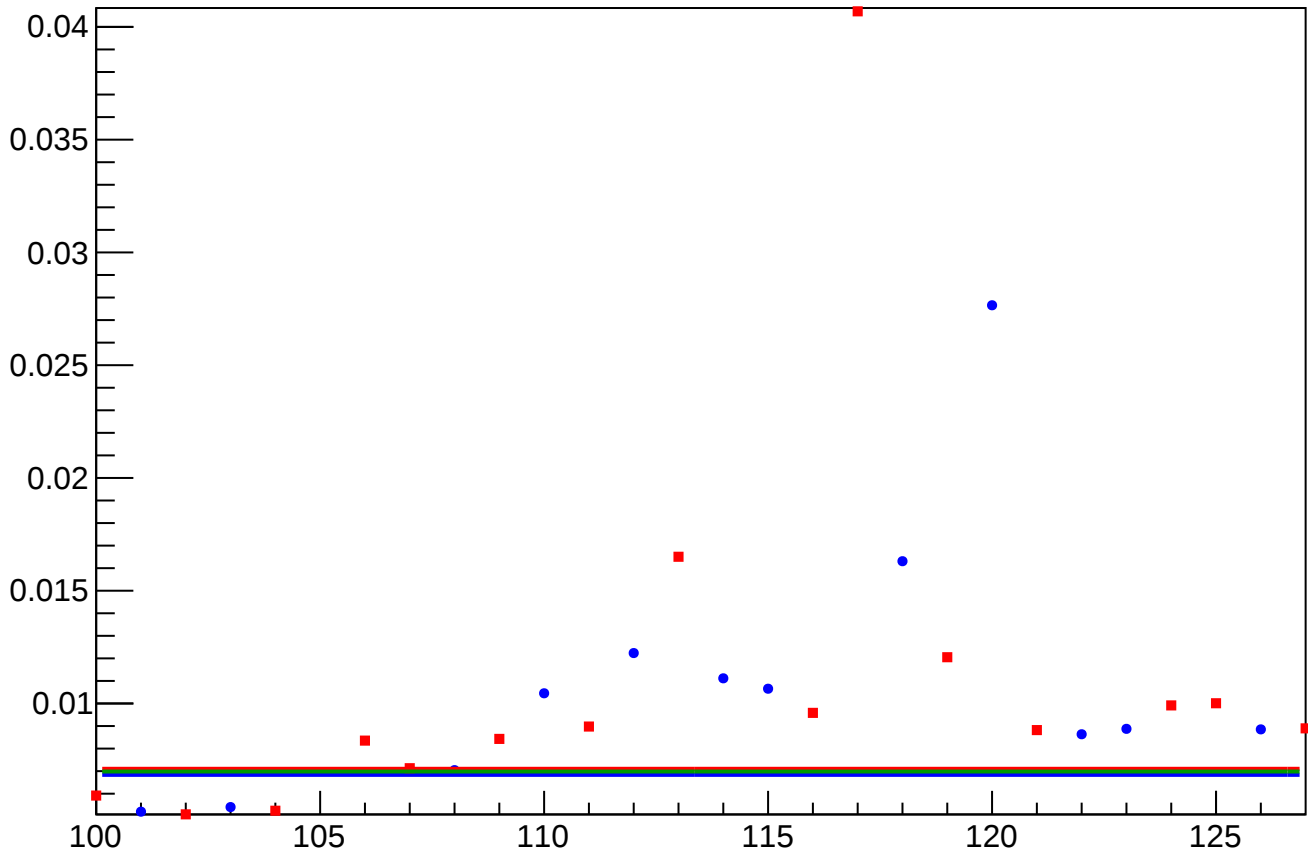
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.301+/-0.000 χ^2 /NDF: 6714174022.5/11

-2.271+/-0.000 χ^2 /NDF: 17459072760.9/11

-2.247+/-0.000 χ^2 /NDF: 10639701996.2/14

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 960406.7/11

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

Right Out: 0.007+/-0.000 χ^2/NDF : 835371.4/14

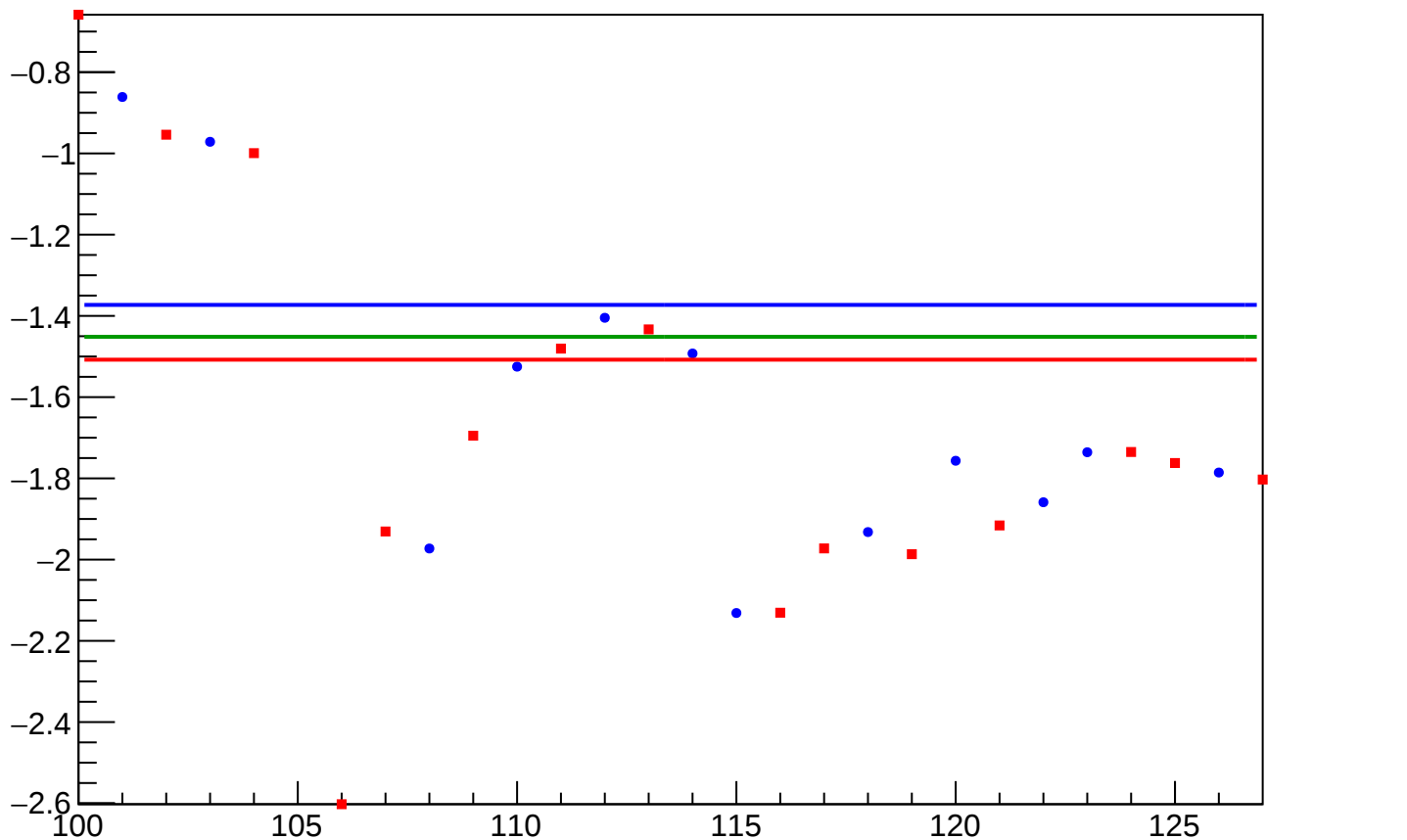
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 960406.7/11

0.007+/-0.000 χ^2/NDF : 1800901.1/26

0.007+/-0.000 χ^2/NDF : 835371.4/14

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.373+/-0.000 χ^2 /NDF: 16849461150.5/11

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

Right Out: -1.508+/-0.000 χ^2 /NDF: 24823138732.5/14

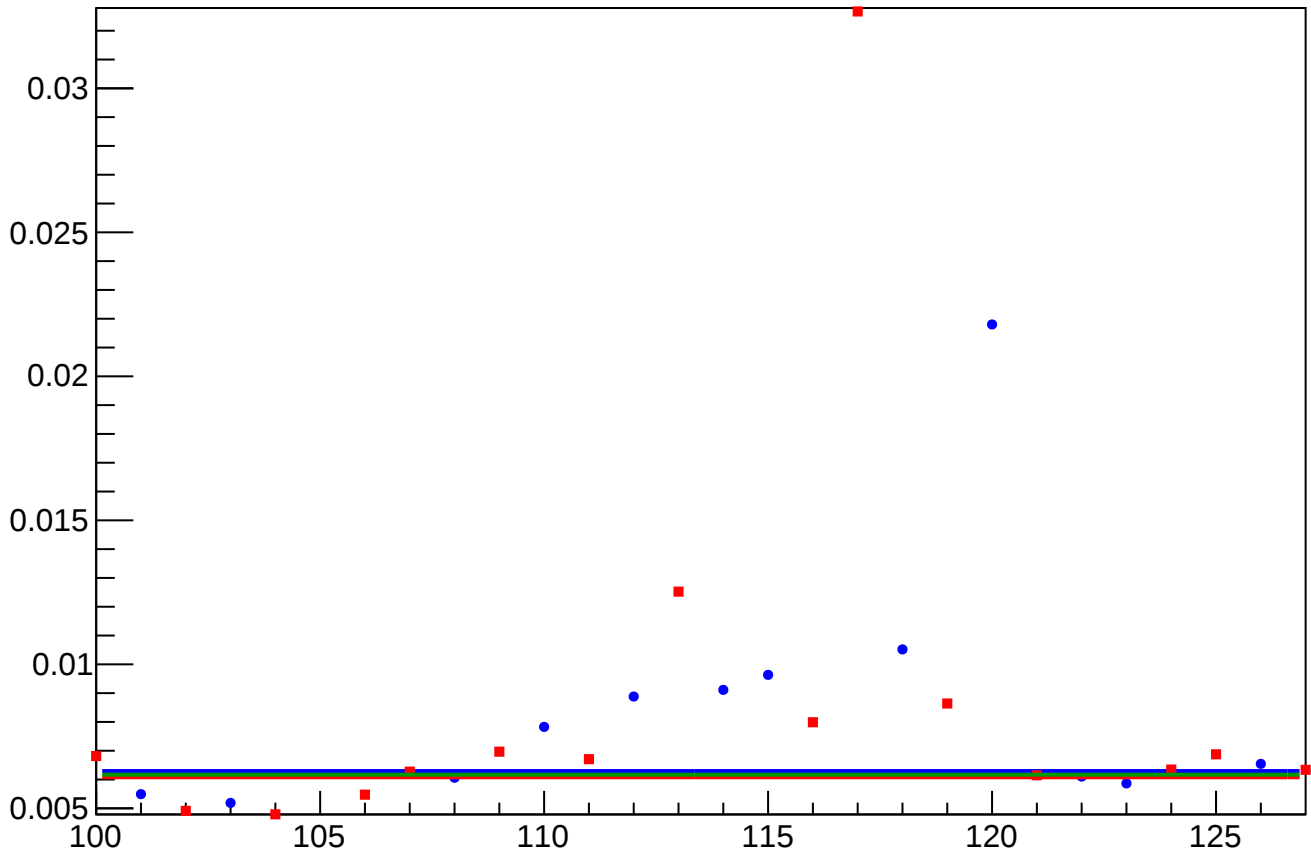
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.373+/-0.000 χ^2 /NDF: 16849461150.5/11

-1.452+/-0.000 χ^2 /NDF: 42525591421.9/14

-1.508+/-0.000 χ^2 /NDF: 24823138732.5/14

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 520427.2/11

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

Right Out: 0.006+/-0.000 χ^2/NDF : 407273.1/14

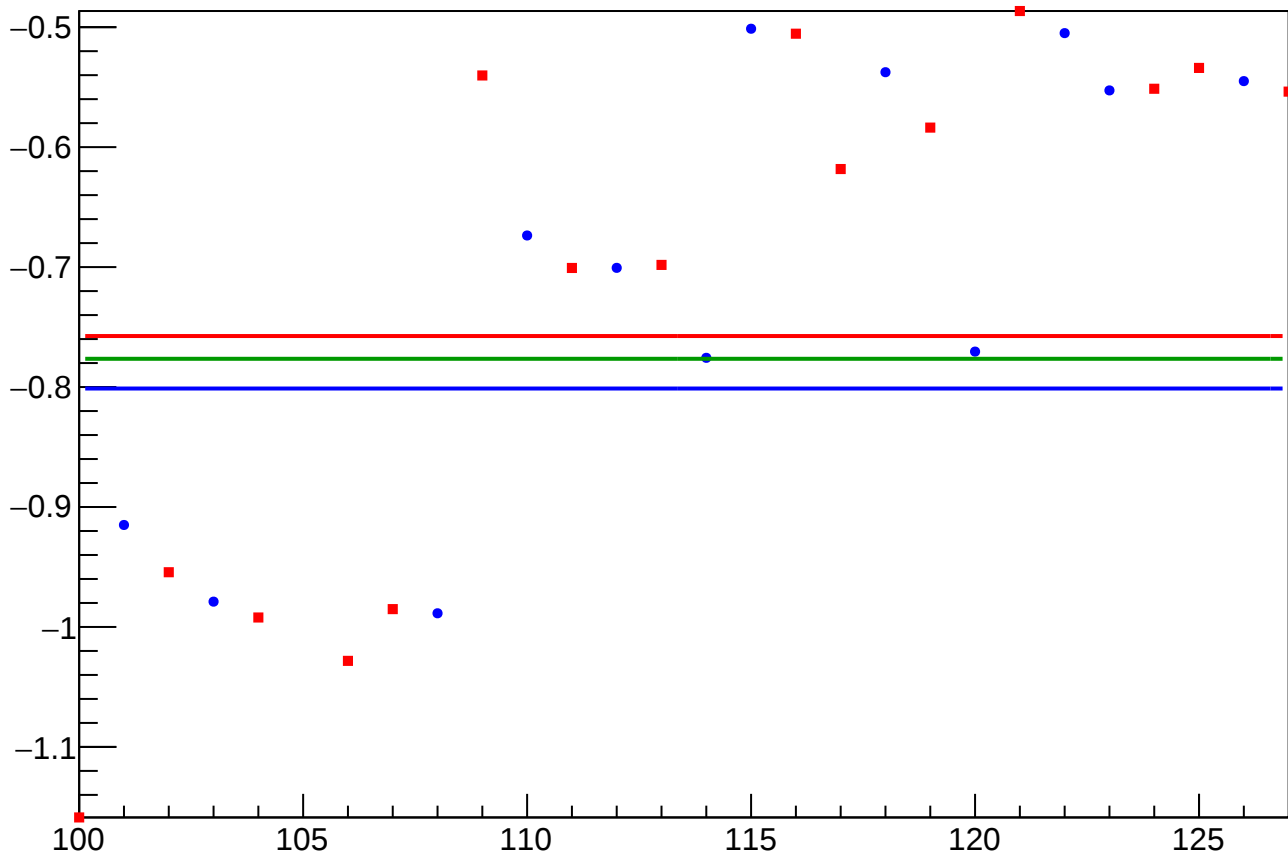
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 520427.2/11

0.006+/-0.000 χ^2/NDF : 932106.9/26

0.006+/-0.000 χ^2/NDF : 407273.1/14

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.801+/-0.000 χ^2 /NDF: 4818053960.4/11

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

Right Out: -0.757+/-0.000 χ^2 /NDF: 7848954417.9/14

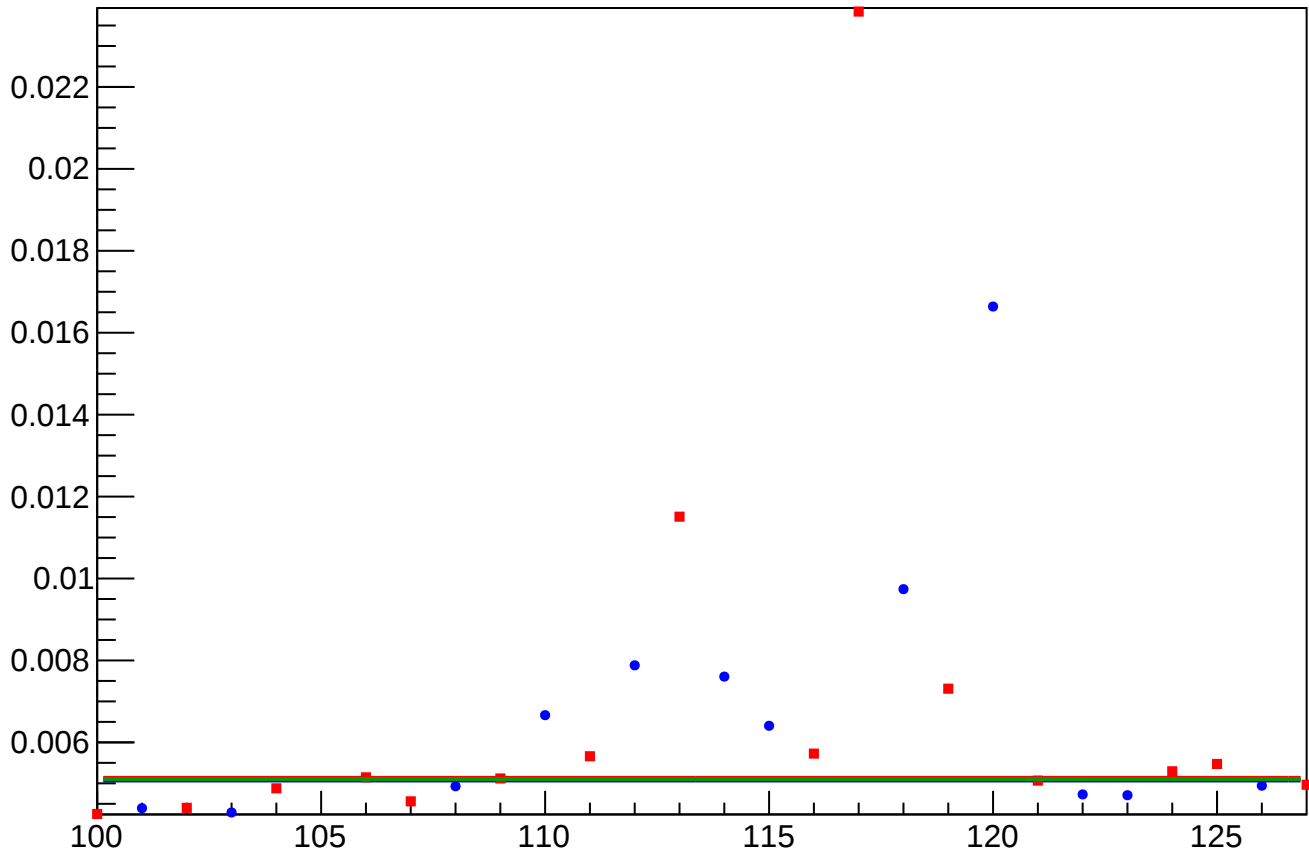
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.801+/-0.000 χ^2 /NDF: 4818053960.4/11

-0.776+/-0.000 χ^2 /NDF: 12801484124.6/14

-0.757+/-0.000 χ^2 /NDF: 7848954417.9/14

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 588438.0/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 336320.0/14

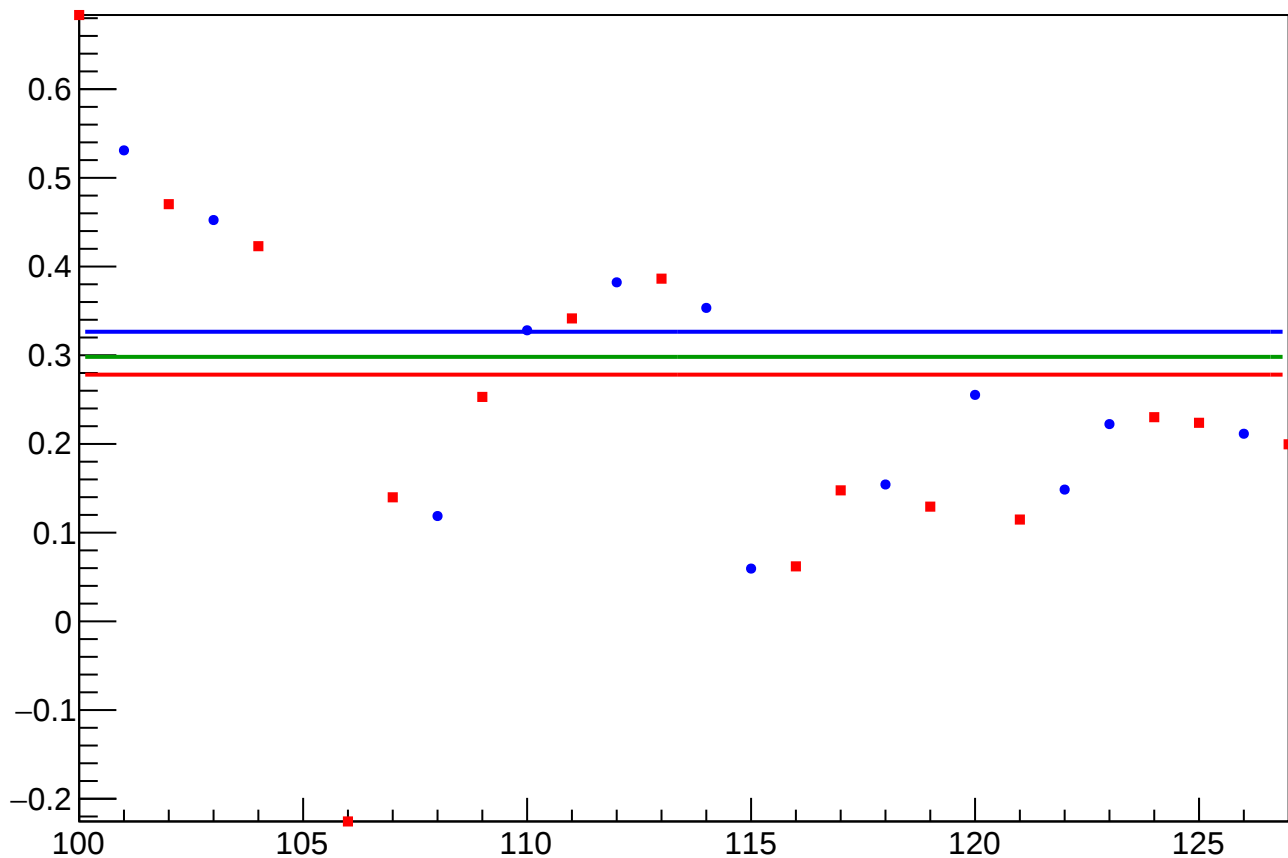
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 588438.0/11

0.005+/-0.000 χ^2/NDF : 925301.3/26

0.005+/-0.000 χ^2/NDF : 336320.0/14

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.326+/-0.000 χ^2/NDF : 5037710162.7/11

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

Right Out: 0.278+/-0.000 χ^2/NDF : 7172343280.7/14

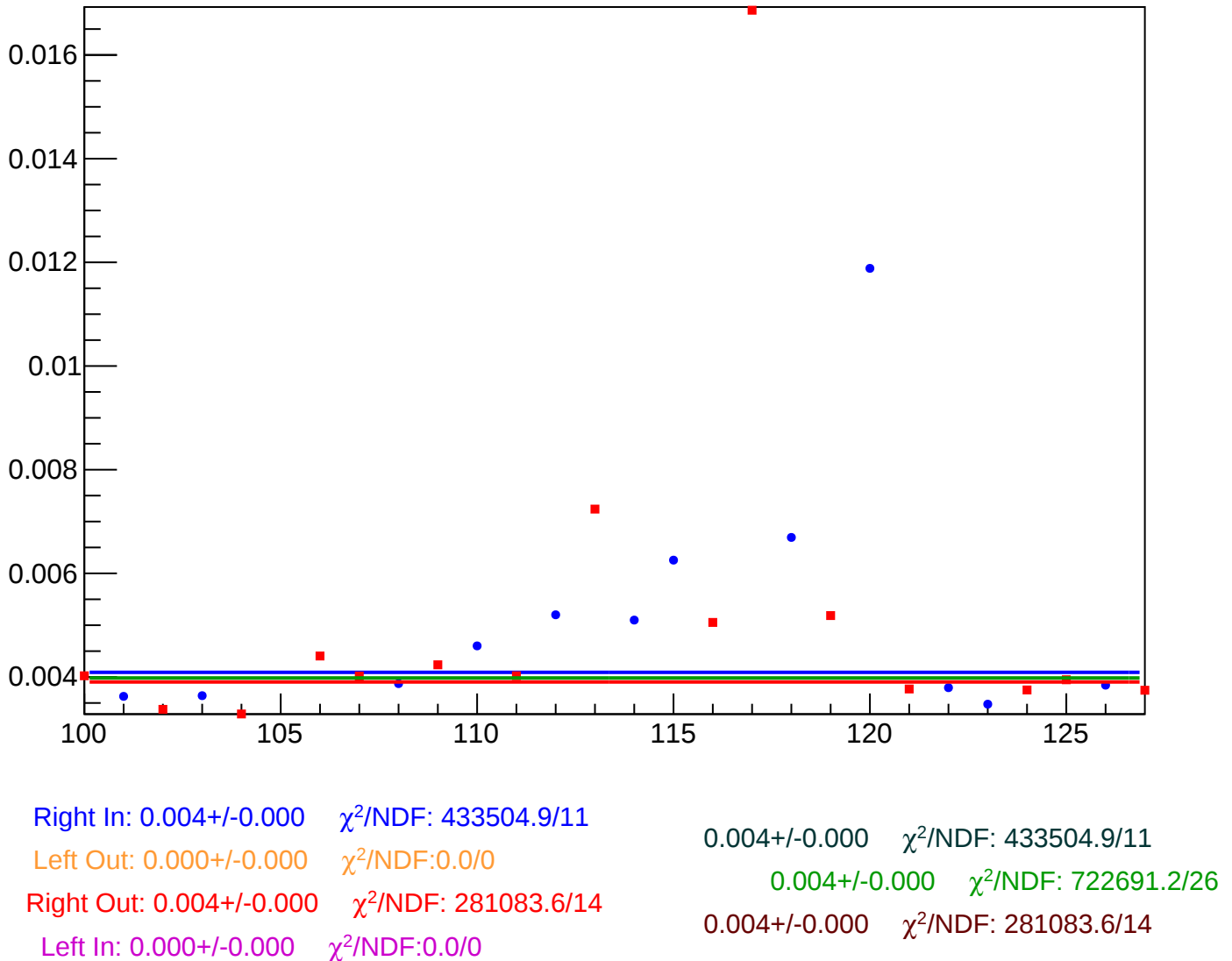
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 5037710162.7/11

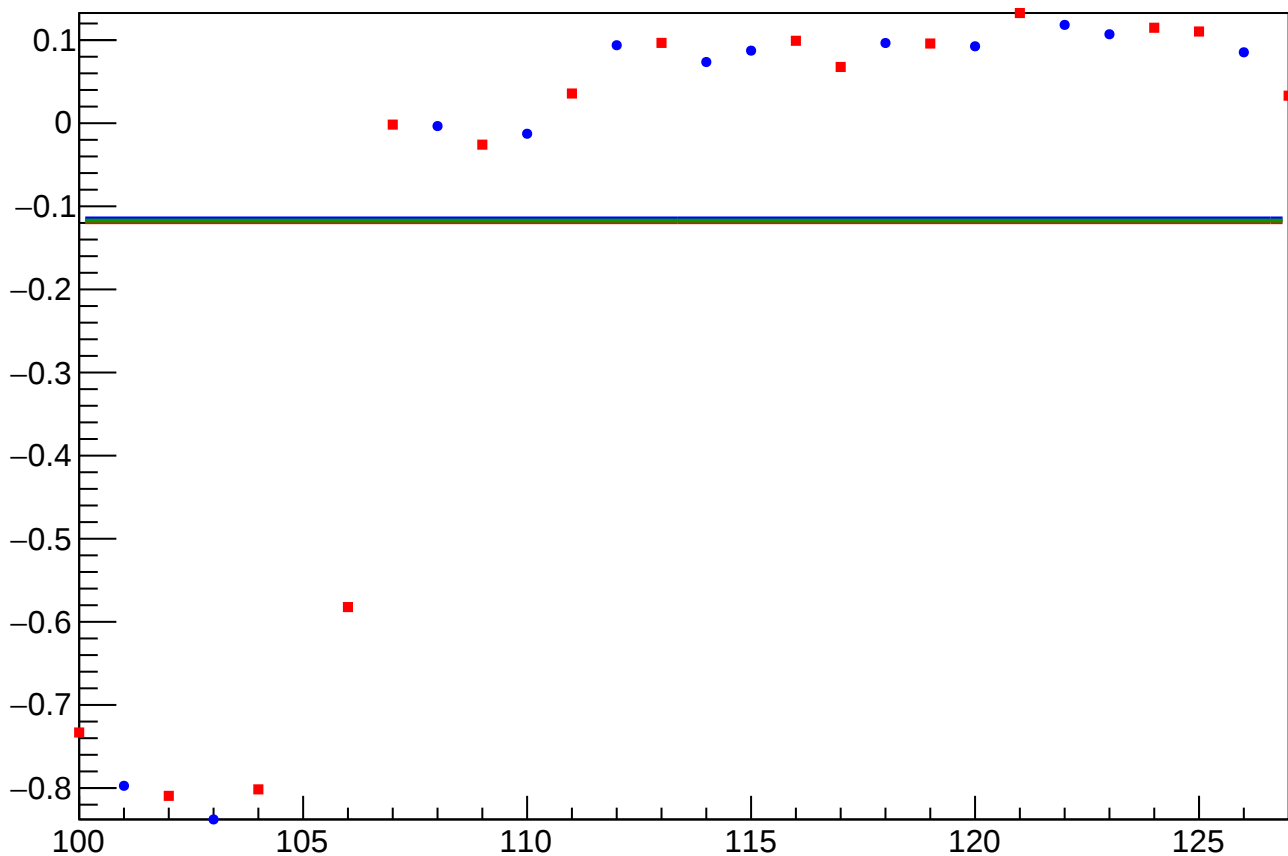
0.298+/-0.000 χ^2/NDF : 12484474842.0/2

0.278+/-0.000 χ^2/NDF : 7172343280.7/14

yield_bpm0i07Y_rms vs Slug, Sign Corrected



yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 4861677231.1/11

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

Right Out: -0.119+/-0.000 χ^2/NDF : 5485166572.3/14

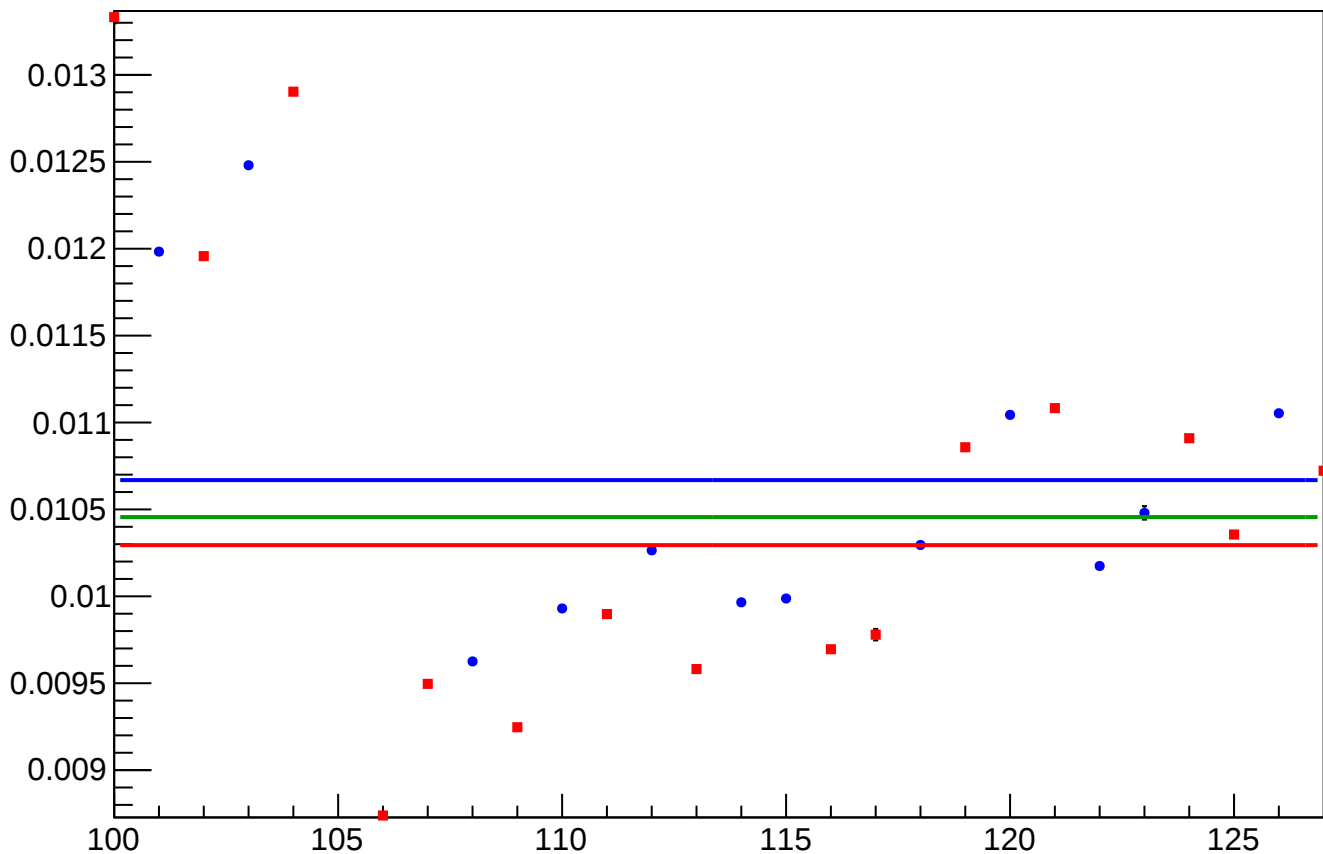
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.115+/-0.000 χ^2/NDF : 4861677231.1/11

-0.117+/-0.000 χ^2/NDF : 10347258116.9/14

-0.119+/-0.000 χ^2/NDF : 5485166572.3/14

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 59445.2/11

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

Right Out: 0.010+/-0.000 χ^2/NDF : 123317.2/14

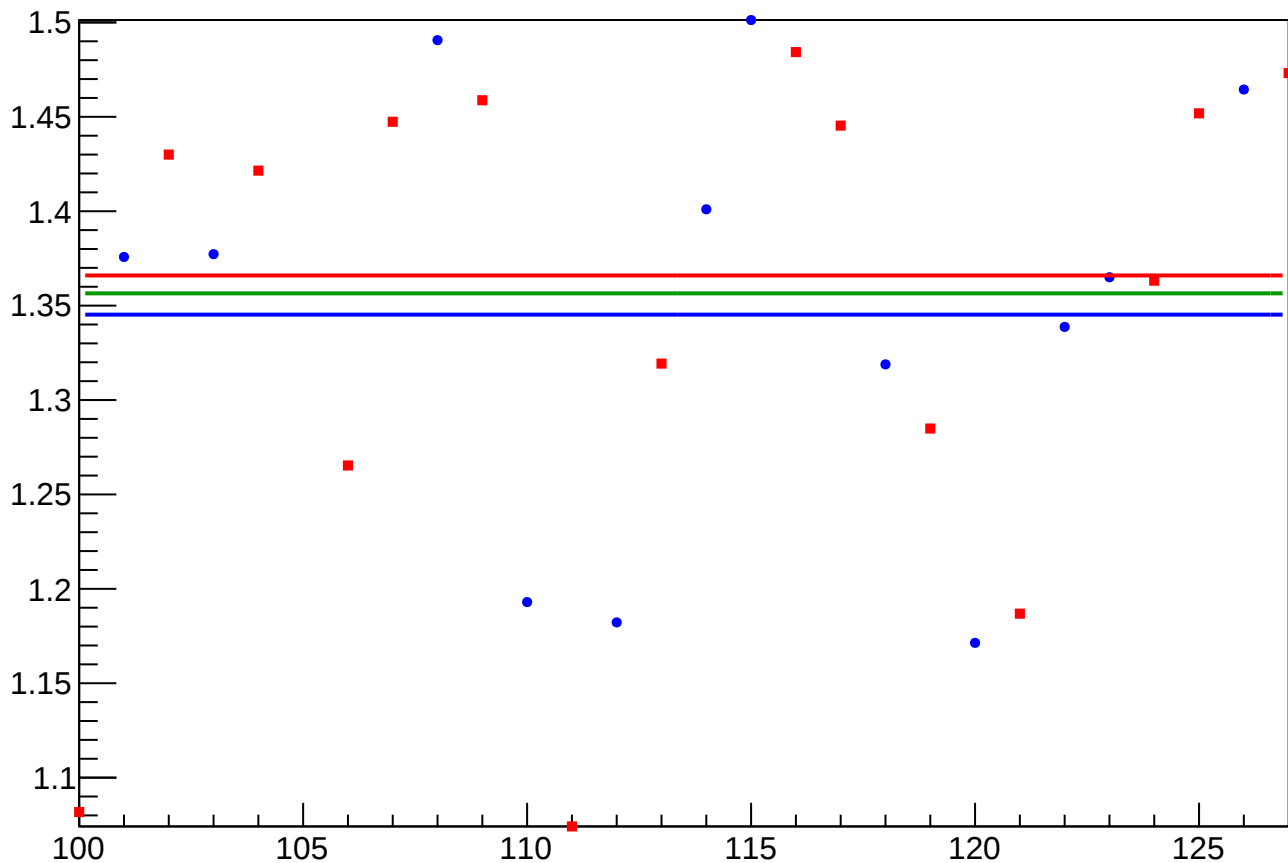
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 59445.2/11

0.010+/-0.000 χ^2/NDF : 188677.8/26

0.010+/-0.000 χ^2/NDF : 123317.2/14

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.345+/-0.000 χ^2/NDF : 821714650.8/11

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

Right Out: 1.366+/-0.000 χ^2/NDF : 1412545081.4/14

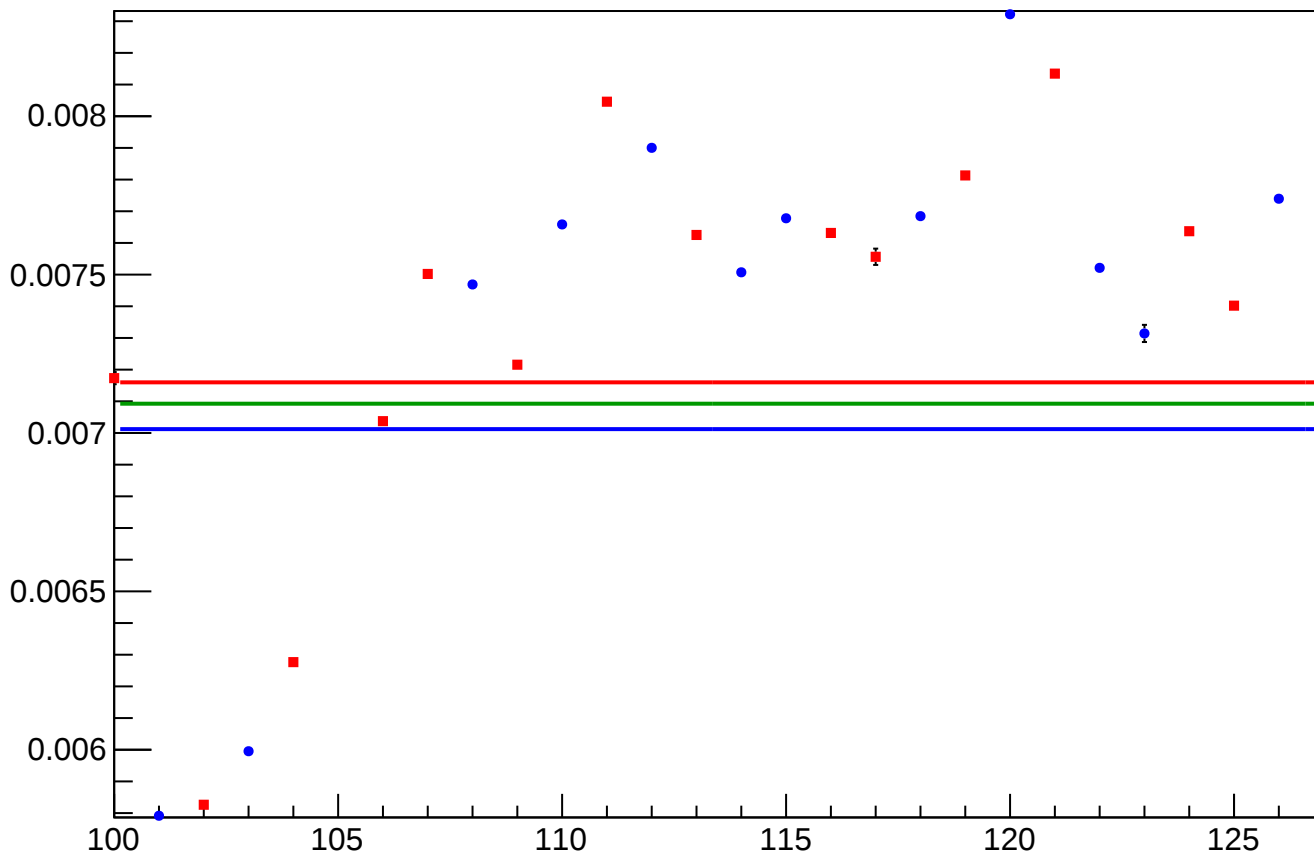
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.345+/-0.000 χ^2/NDF : 821714650.8/11

1.357+/-0.000 χ^2/NDF : 2254158637.7/26

1.366+/-0.000 χ^2/NDF : 1412545081.4/14

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 141178.4/11

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

Right Out: 0.007+/-0.000 χ^2/NDF : 119325.9/14

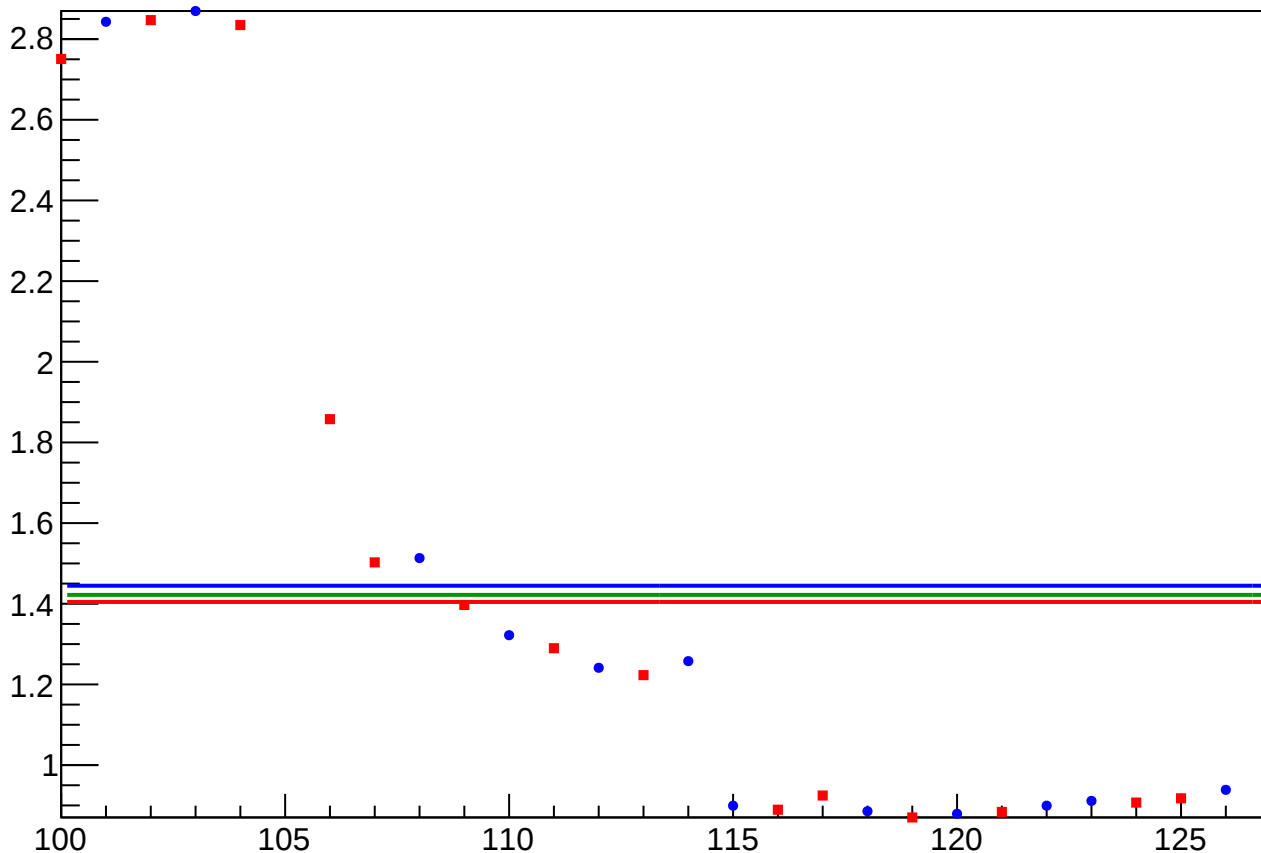
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 141178.4/11

0.007+/-0.000 χ^2/NDF : 262520.0/26

0.007+/-0.000 χ^2/NDF : 119325.9/14

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.445+/-0.000 χ^2/NDF : 46894050897.4/11

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

Right Out: 1.405+/-0.000 χ^2/NDF : 45632463243.2/14

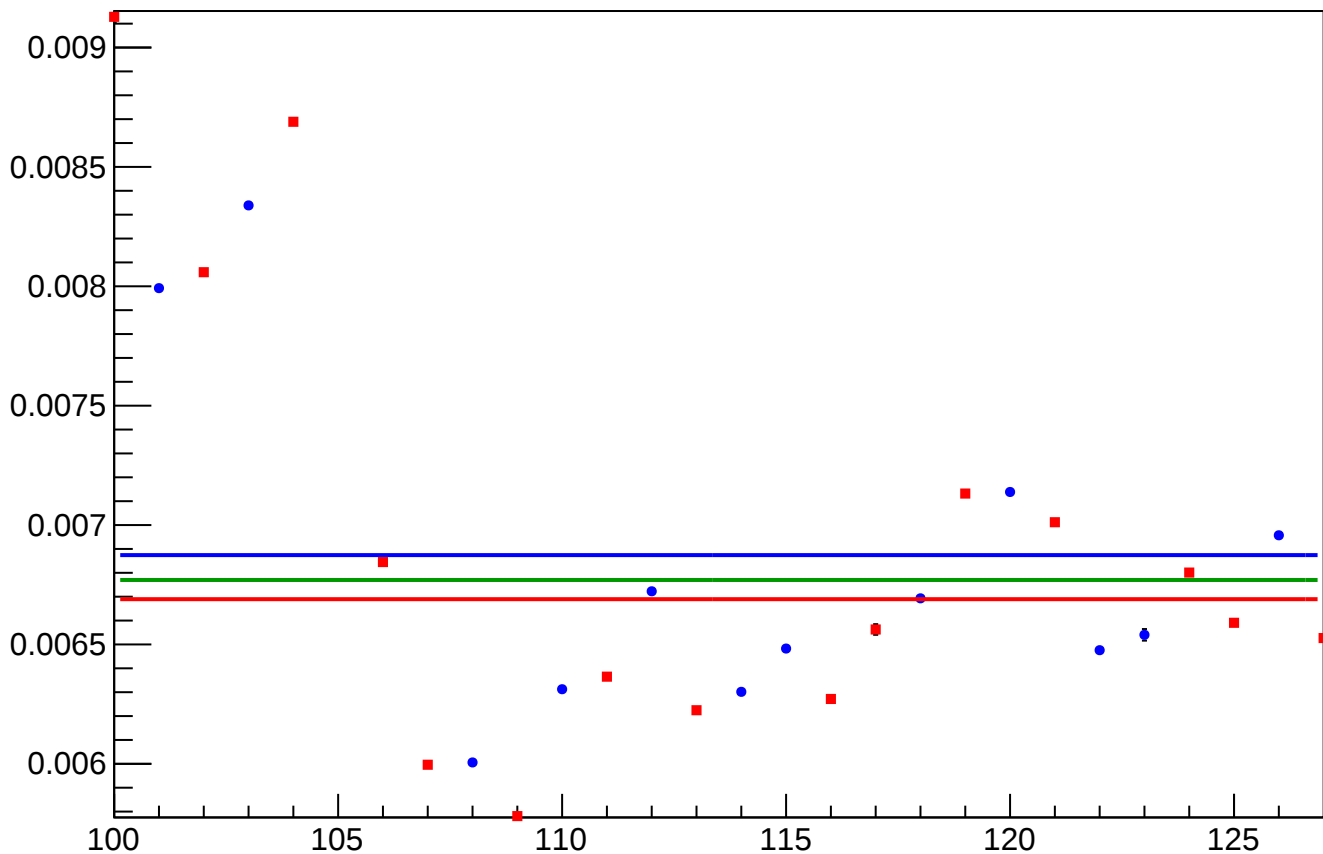
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.445+/-0.000 χ^2/NDF : 46894050897.4/11

1.422+/-0.000 χ^2/NDF : 92607952475.0/2

1.405+/-0.000 χ^2/NDF : 45632463243.2/14

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 87429.9/11

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

Right Out: 0.007+/-0.000 χ^2/NDF : 144583.3/14

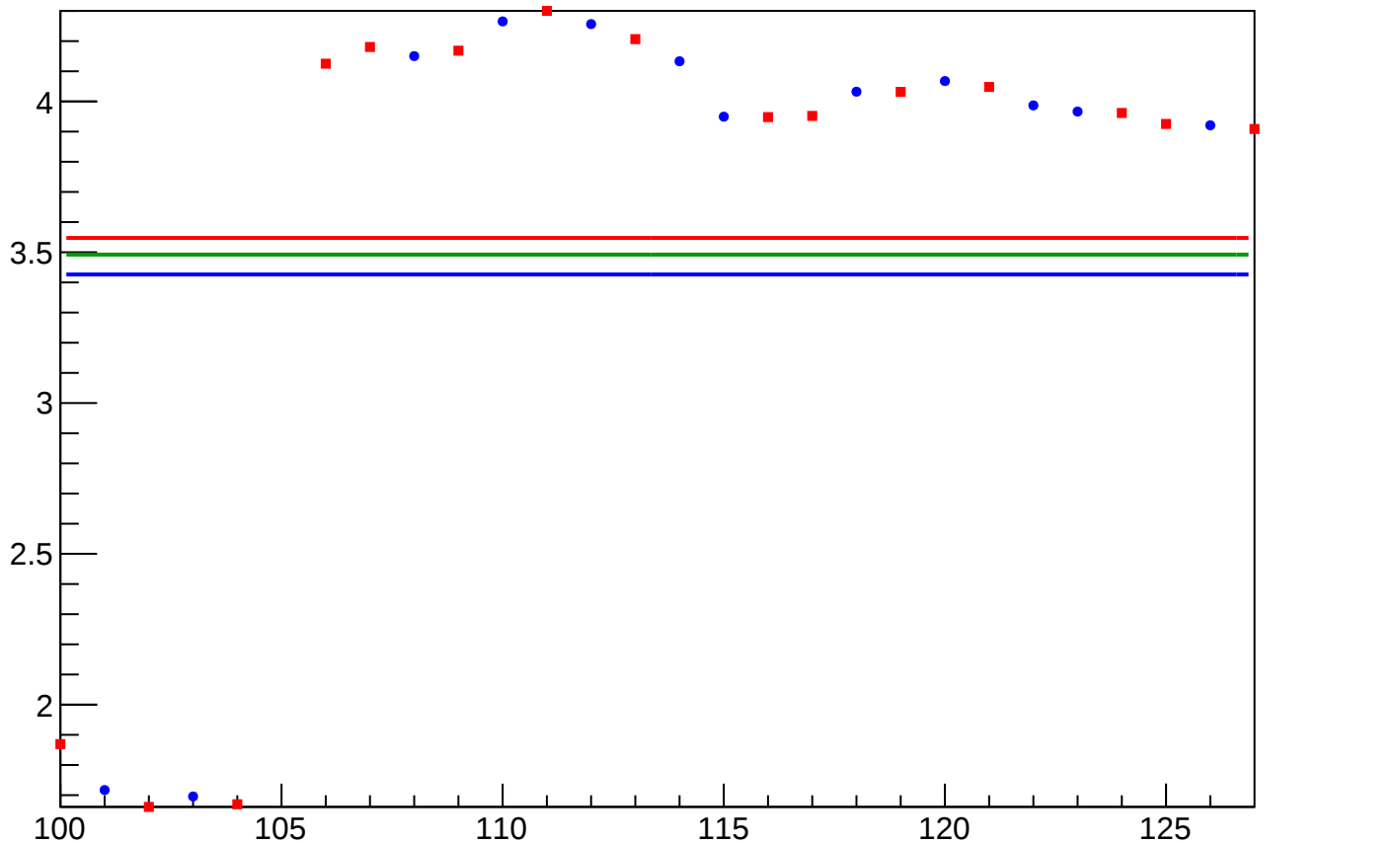
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 87429.9/11

0.007+/-0.000 χ^2/NDF : 235445.1/26

0.007+/-0.000 χ^2/NDF : 144583.3/14

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.426+/-0.000 χ^2/NDF : 171000476552.3/11

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

3.426+/-0.000 χ^2/NDF : 171000476552.3/11

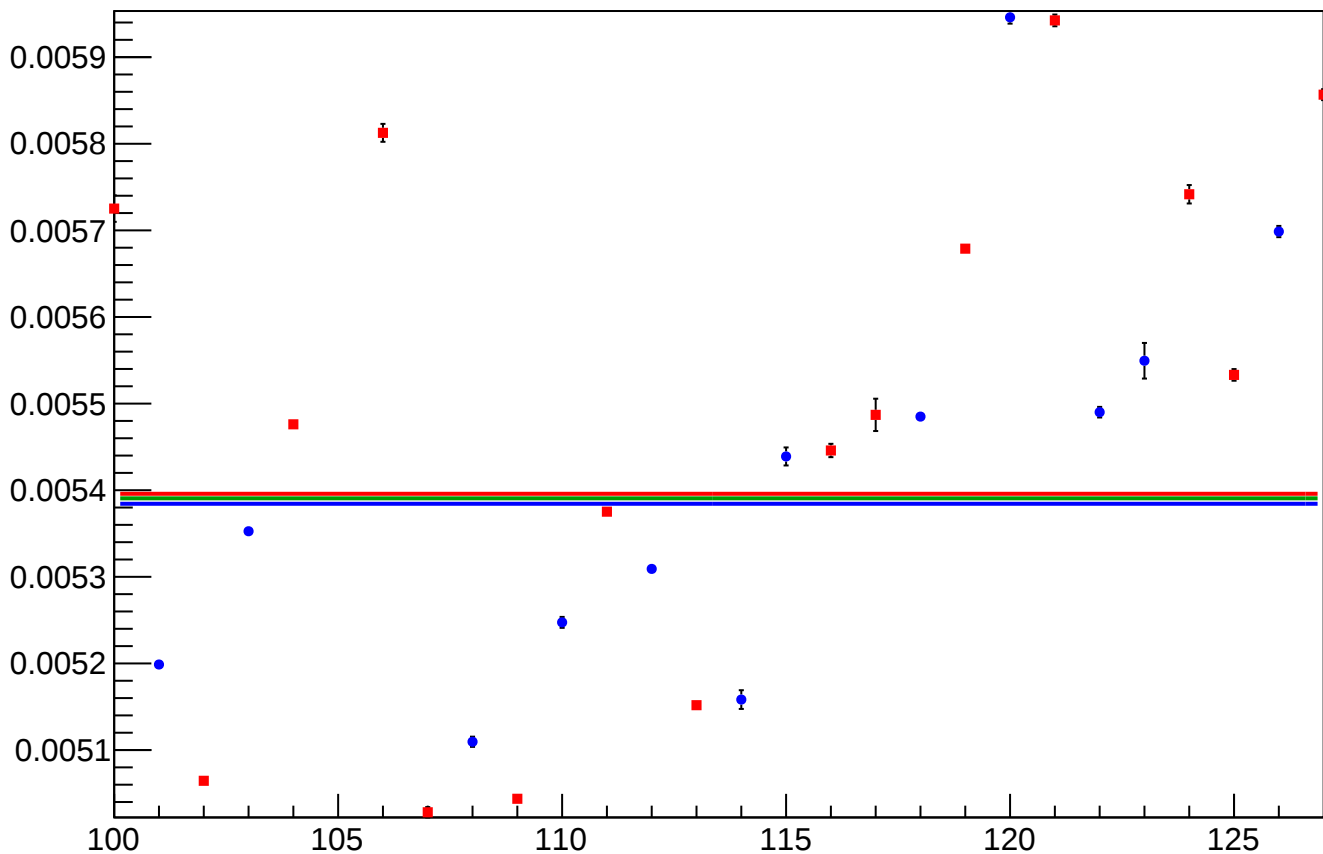
3.492+/-0.000 χ^2/NDF : 354175257807.1/11

Right Out: 3.547+/-0.000 χ^2/NDF : 182003385808.8/14

3.547+/-0.000 χ^2/NDF : 182003385808.8/14

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 : 13830.0/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 33799.2/14

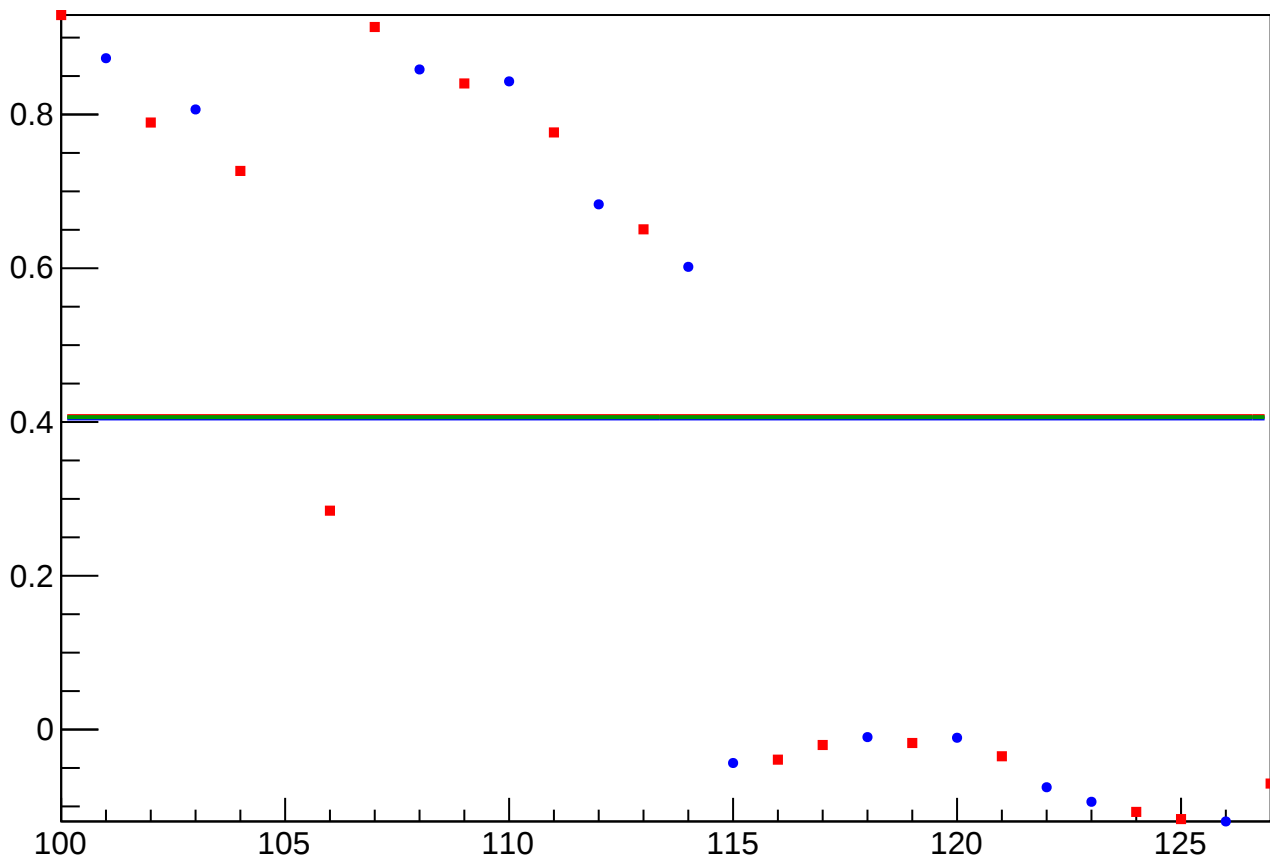
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 13830.0/11

0.005+/-0.000 χ^2/NDF : 47650.4/26

0.005+/-0.000 χ^2/NDF : 33799.2/14

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.405+/-0.000 χ^2/NDF : 3976131018.1/11

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

Right Out: 0.408+/-0.000 χ^2/NDF : 4515891658.8/14

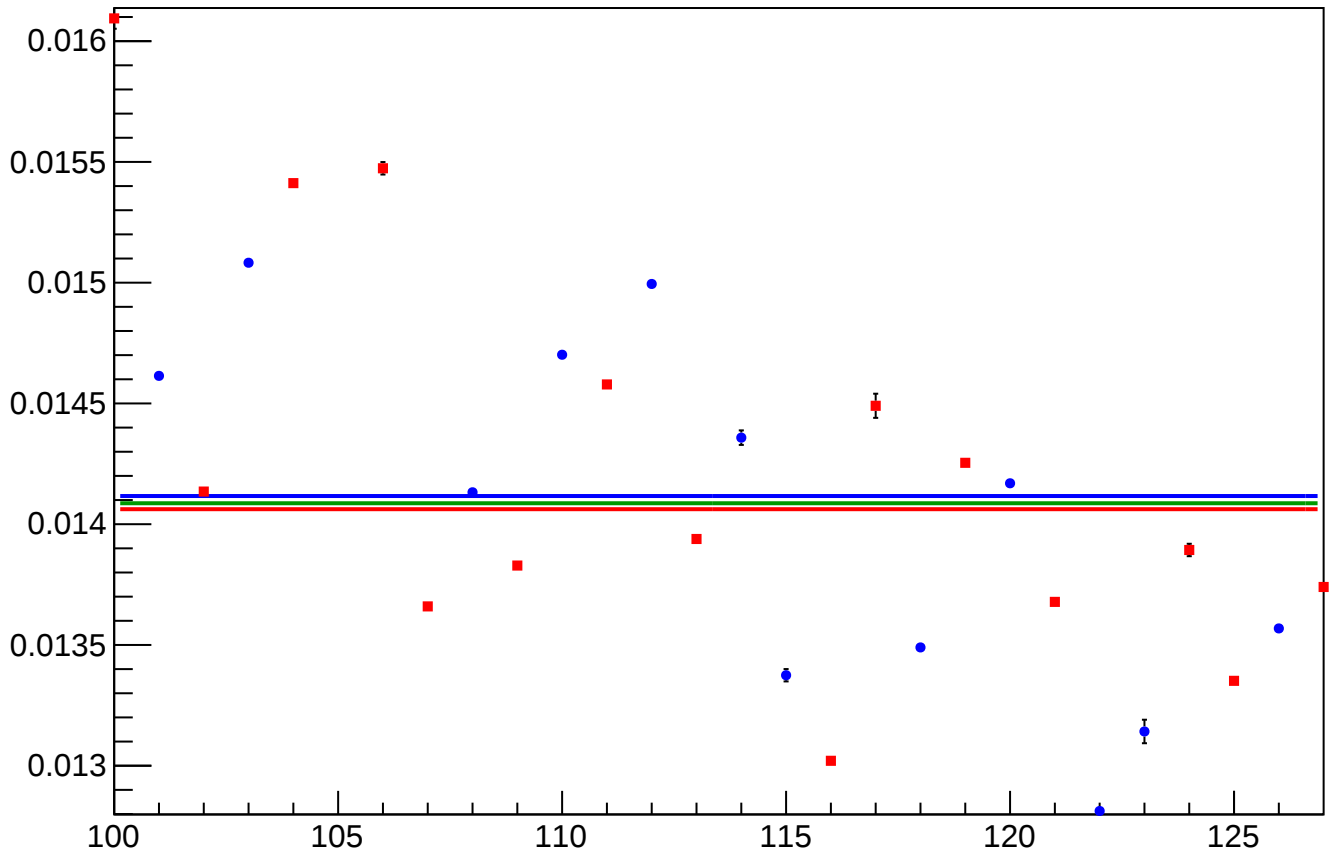
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.405+/-0.000 χ^2/NDF : 3976131018.1/11

0.406+/-0.000 χ^2/NDF : 8492130691.5/26

0.408+/-0.000 χ^2/NDF : 4515891658.8/14

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 23365.1/11

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

Right Out: 0.014+/-0.000 χ^2/NDF : 21289.8/14

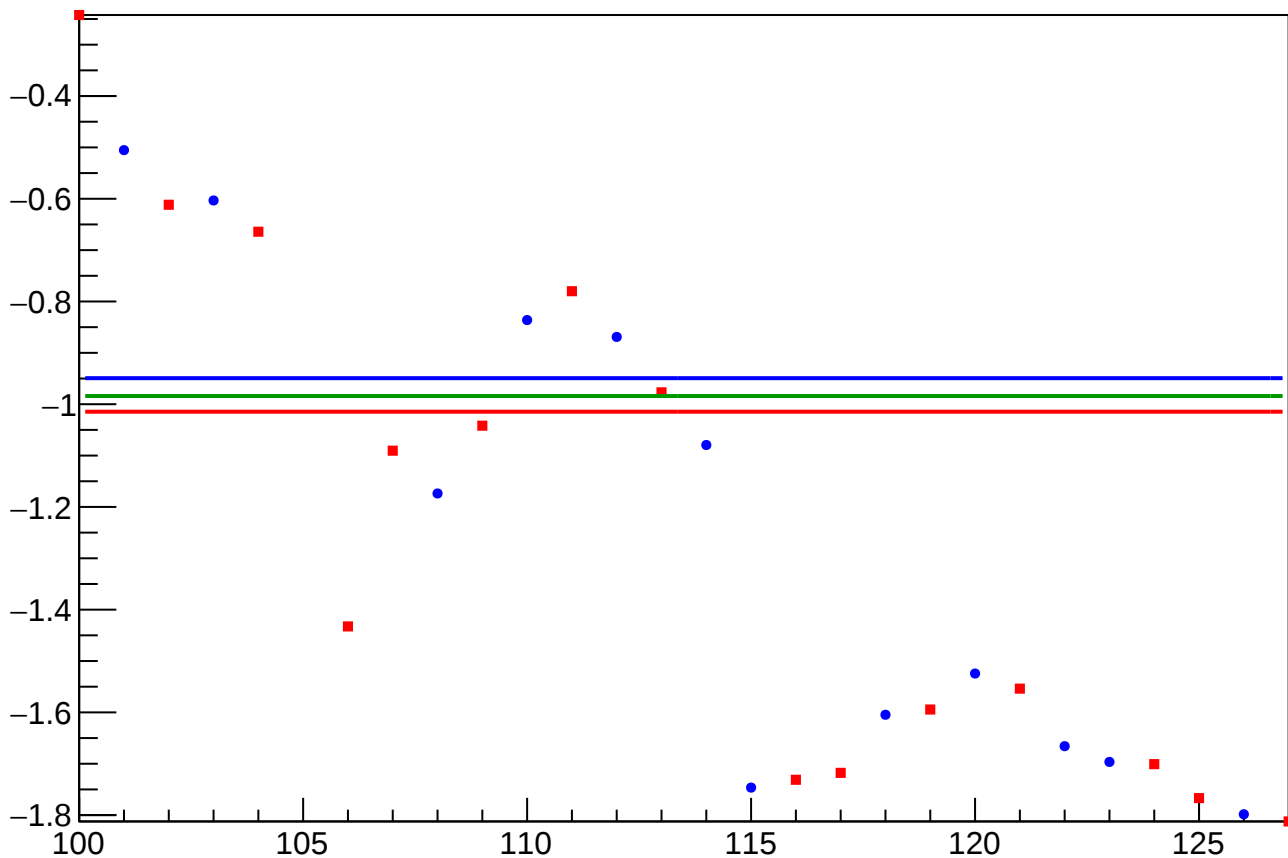
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 23365.1/11

0.014+/-0.000 χ^2/NDF : 44724.4/26

0.014+/-0.000 χ^2/NDF : 21289.8/14

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.949+/-0.000 χ^2/NDF : 31484881921.4/11

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

-0.949+/-0.000 χ^2/NDF : 31484881921.4/11

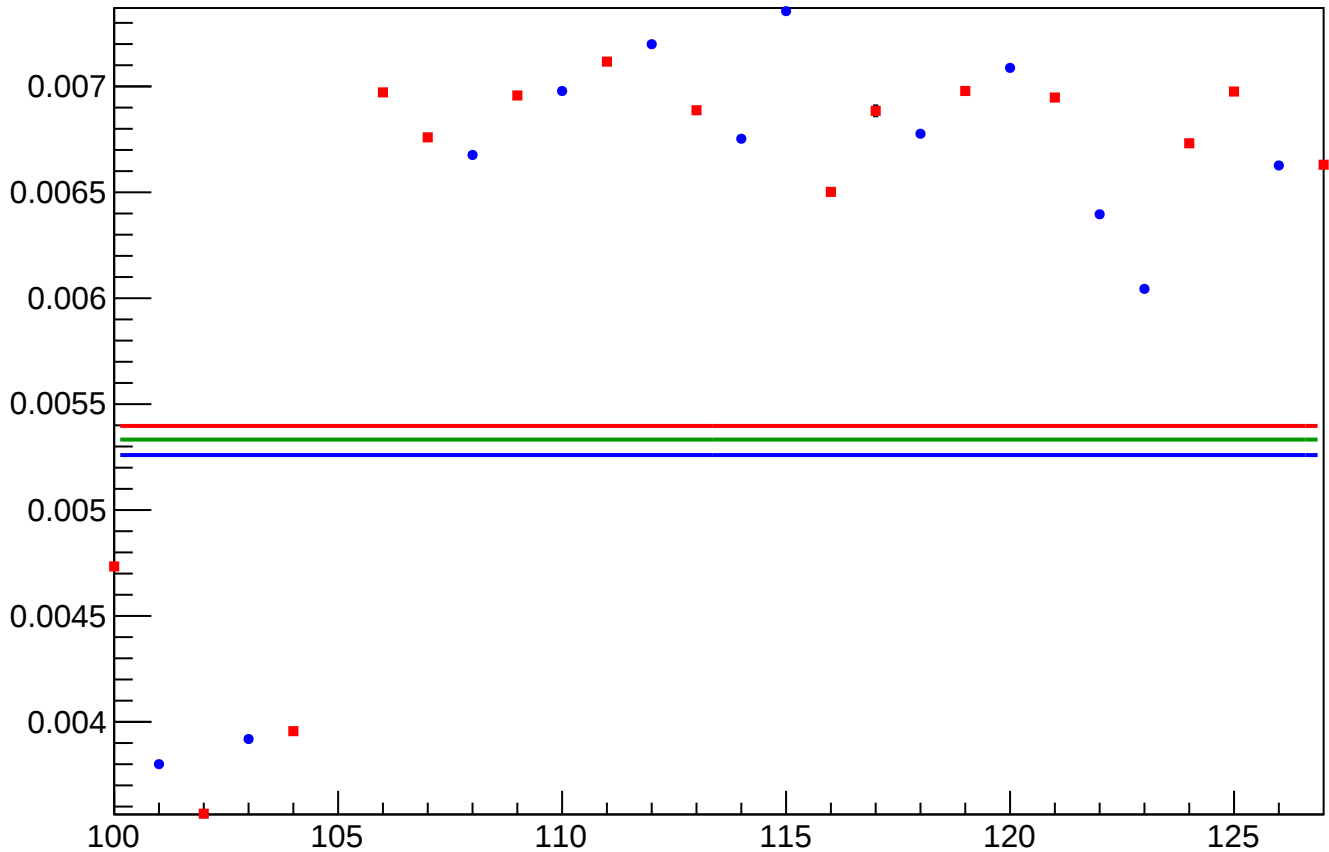
-0.984+/-0.000 χ^2/NDF : 64623843599.8/11

Right Out: -1.015+/-0.000 χ^2/NDF : 32834403910.7/14

-1.015+/-0.000 χ^2/NDF : 32834403910.7/14

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

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 592347.5/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 748370.9/14

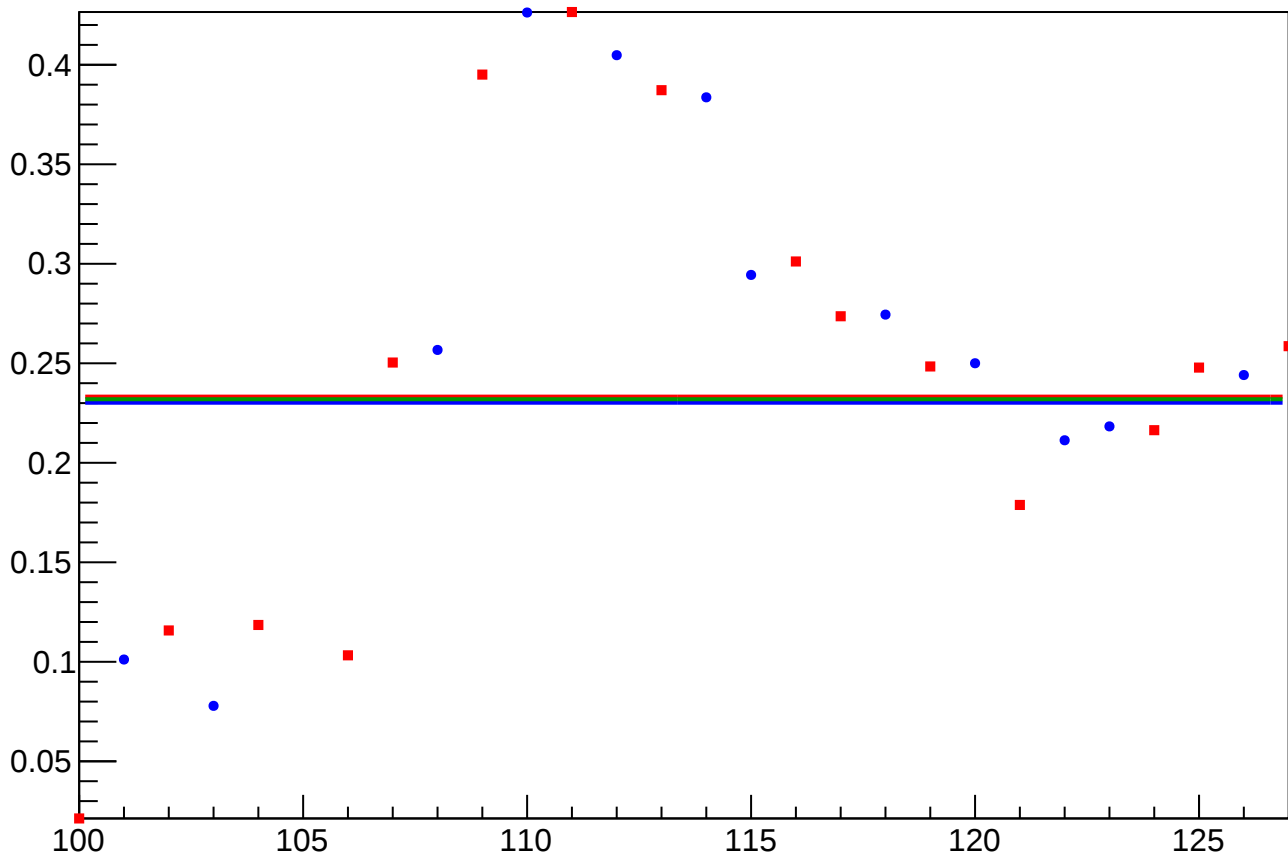
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 592347.5/11

0.005+/-0.000 χ^2/NDF : 1343421.3/26

0.005+/-0.000 χ^2/NDF : 748370.9/14

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.230+/-0.000 χ^2/NDF : 17974611918.3/11

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

Right Out: 0.233+/-0.000 χ^2/NDF : 23737851010.9/14

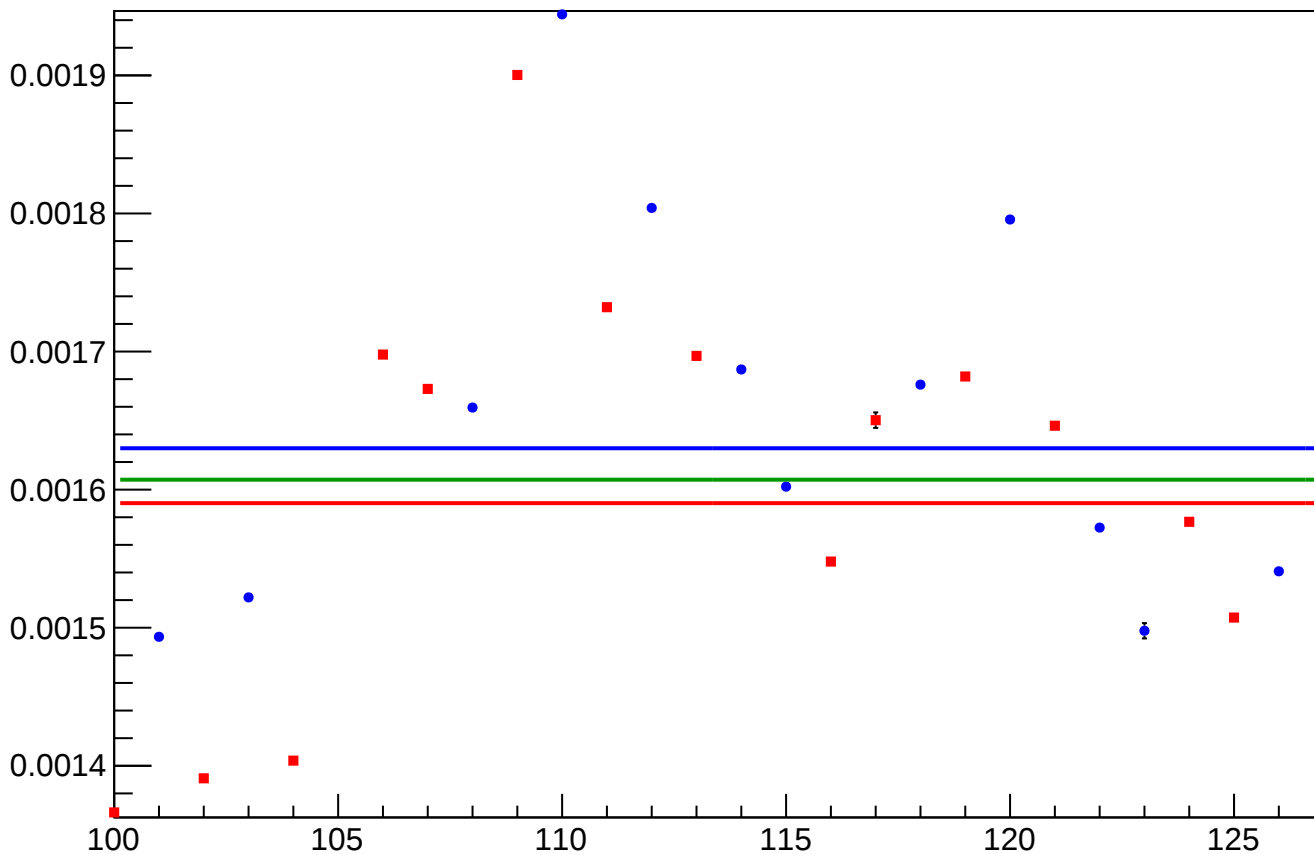
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.230+/-0.000 χ^2/NDF : 17974611918.3/11

0.232+/-0.000 χ^2/NDF : 41720561030.9/2

0.233+/-0.000 χ^2/NDF : 23737851010.9/14

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49439.2/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 87960.0/14

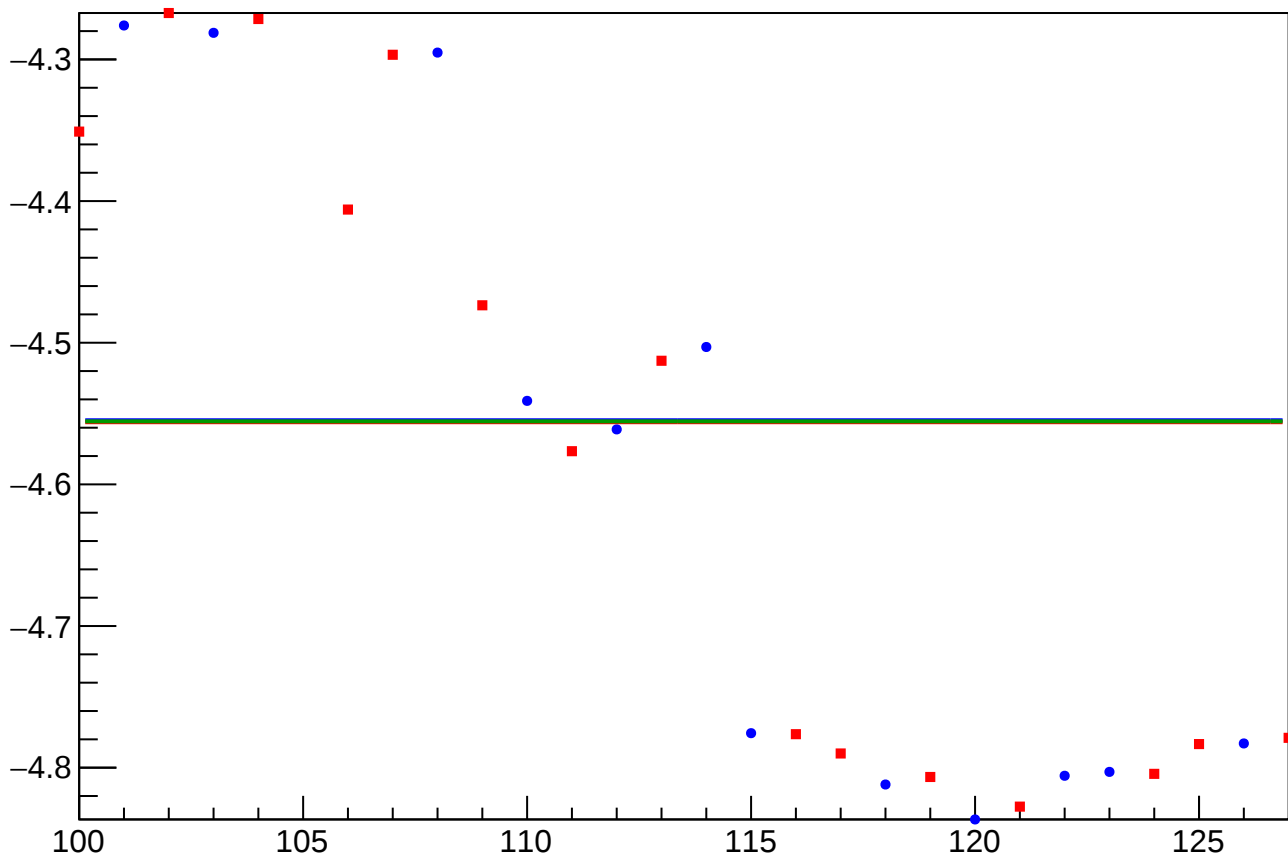
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 49439.2/11

0.002+/-0.000 χ^2/NDF : 140125.2/26

0.002+/-0.000 χ^2/NDF : 87960.0/14

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.555+/-0.000 χ^2/NDF : 64027049305.3/11

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

Right Out: -4.556+/-0.000 χ^2/NDF : 66374957574.4/14

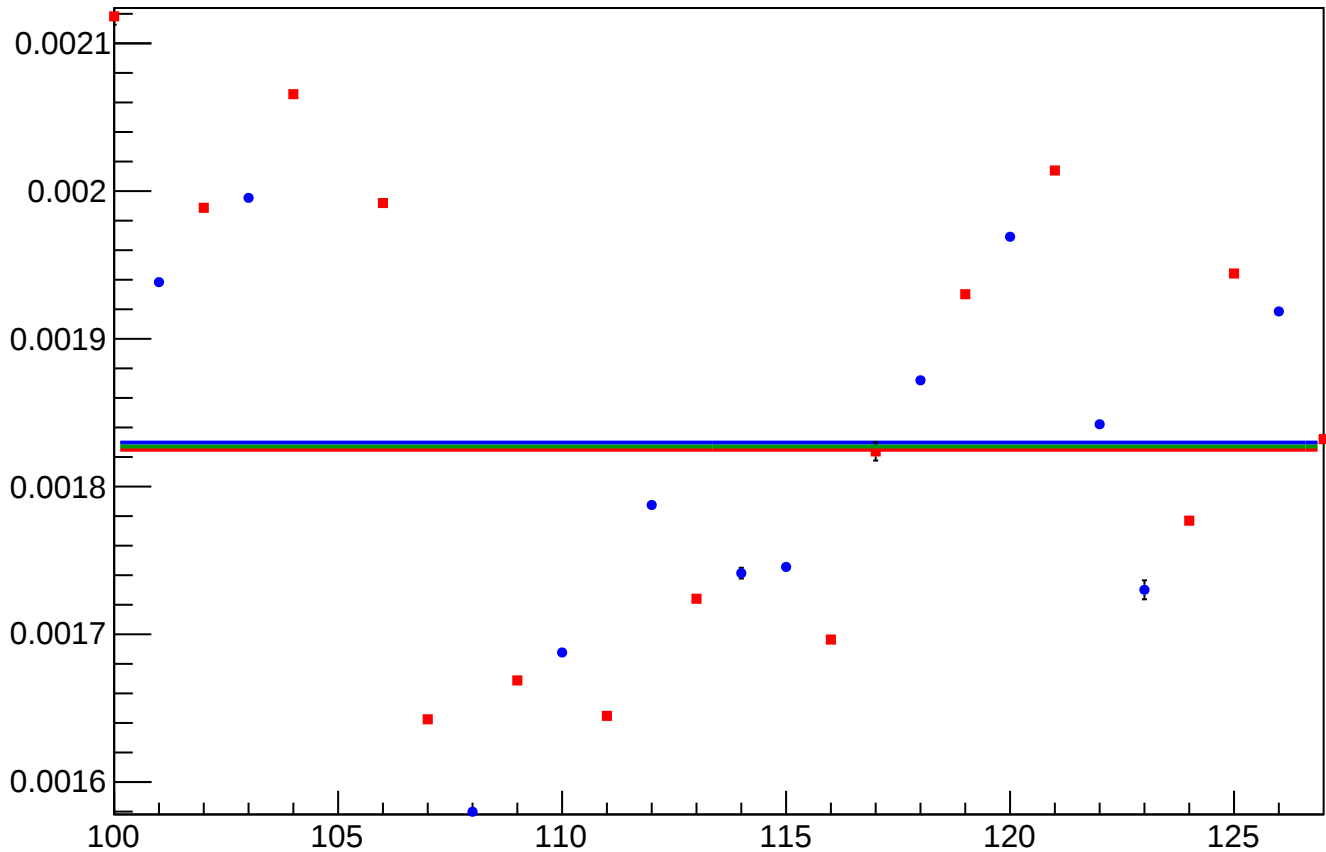
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.555+/-0.000 χ^2/NDF : 64027049305.3/11

-4.555+/-0.000 χ^2/NDF : 130403306743.2

-4.556+/-0.000 χ^2/NDF : 66374957574.4/14

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 42101.6/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 72467.2/14

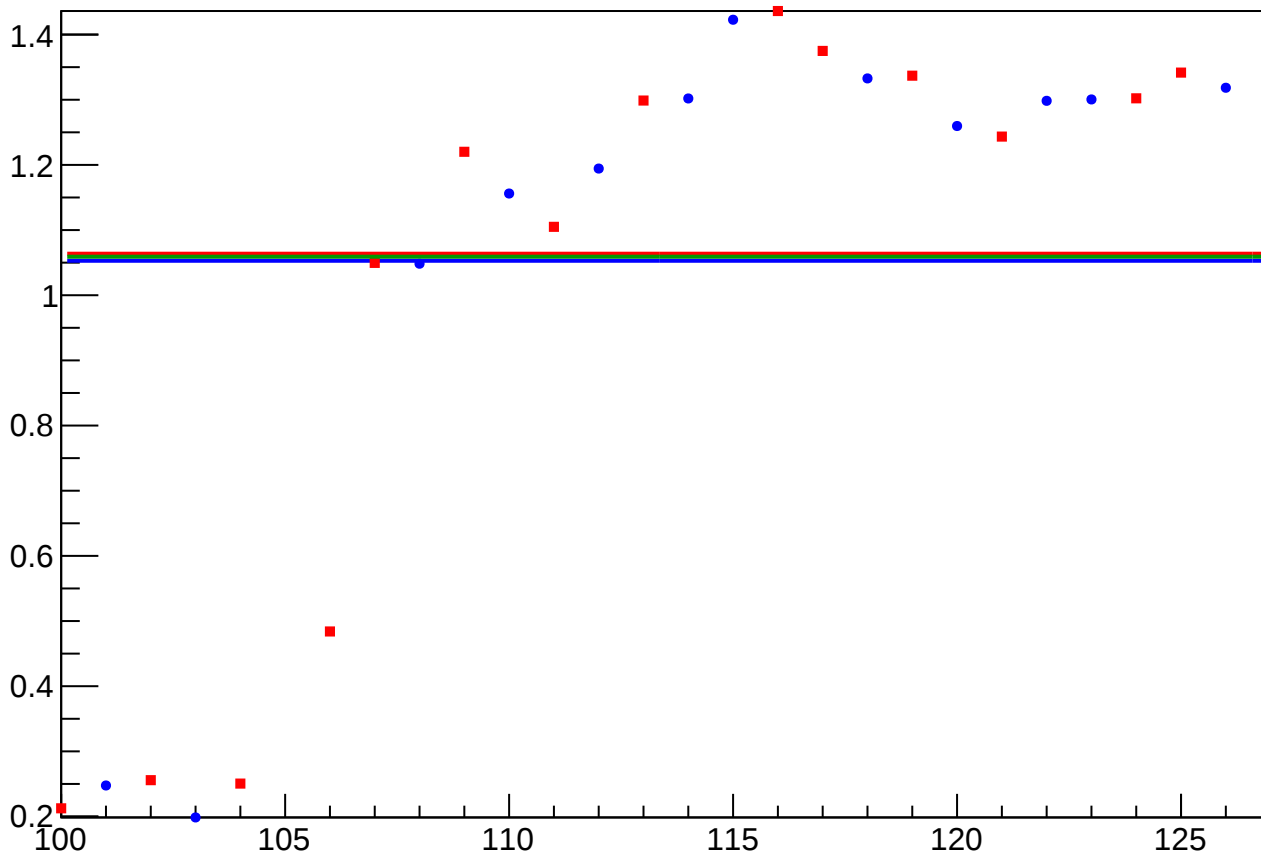
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 42101.6/11

0.002+/-0.000 χ^2/NDF : 114600.3/26

0.002+/-0.000 χ^2/NDF : 72467.2/14

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.053+/-0.000 χ^2/NDF : 12979722825.7/11

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

Right Out: 1.064+/-0.000 χ^2/NDF : 15766135808.3/14

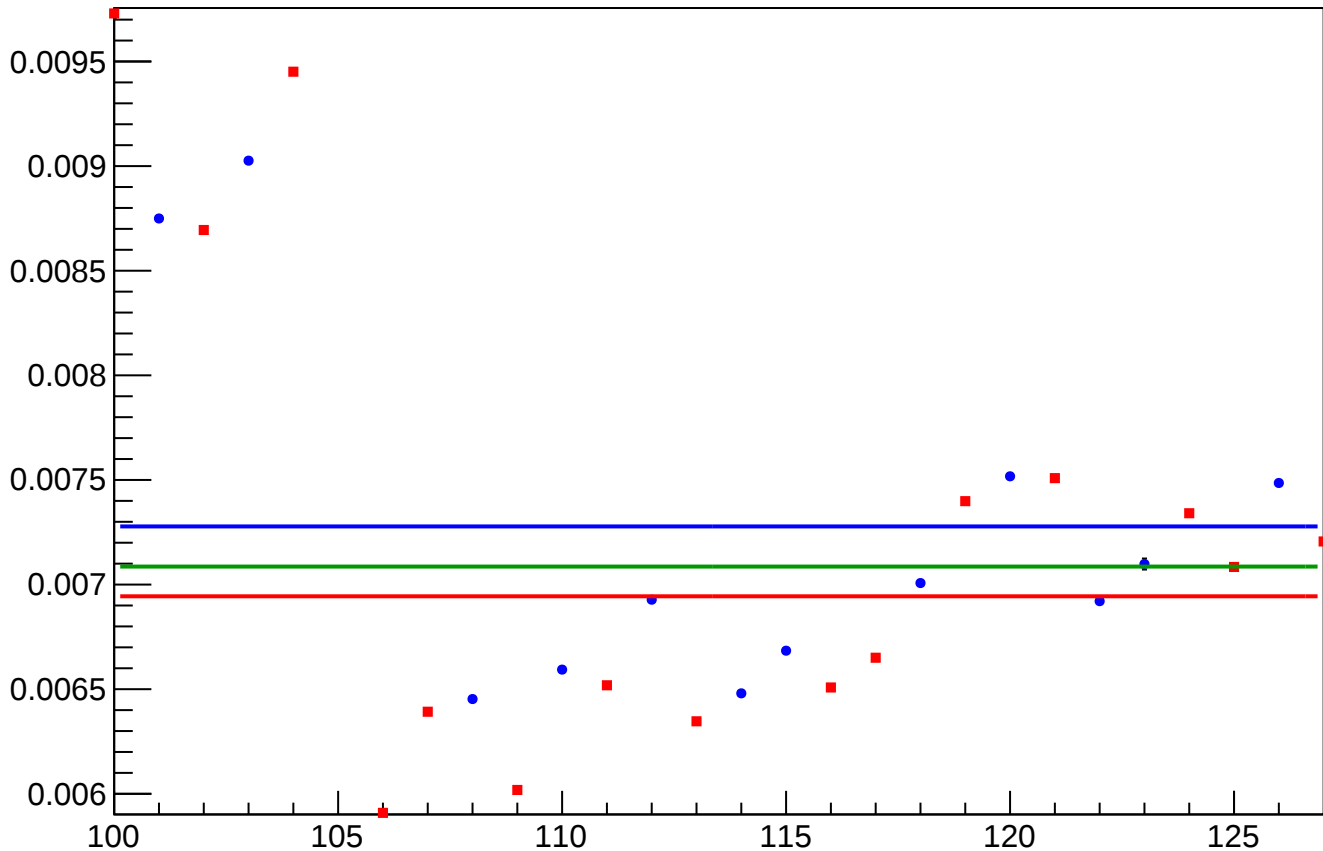
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.053+/-0.000 χ^2/NDF : 12979722825.7/11

1.059+/-0.000 χ^2/NDF : 28751206996.0/2

1.064+/-0.000 χ^2/NDF : 15766135808.3/14

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 108313.9/11

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

Right Out: 0.007+/-0.000 χ^2/NDF : 197688.8/14

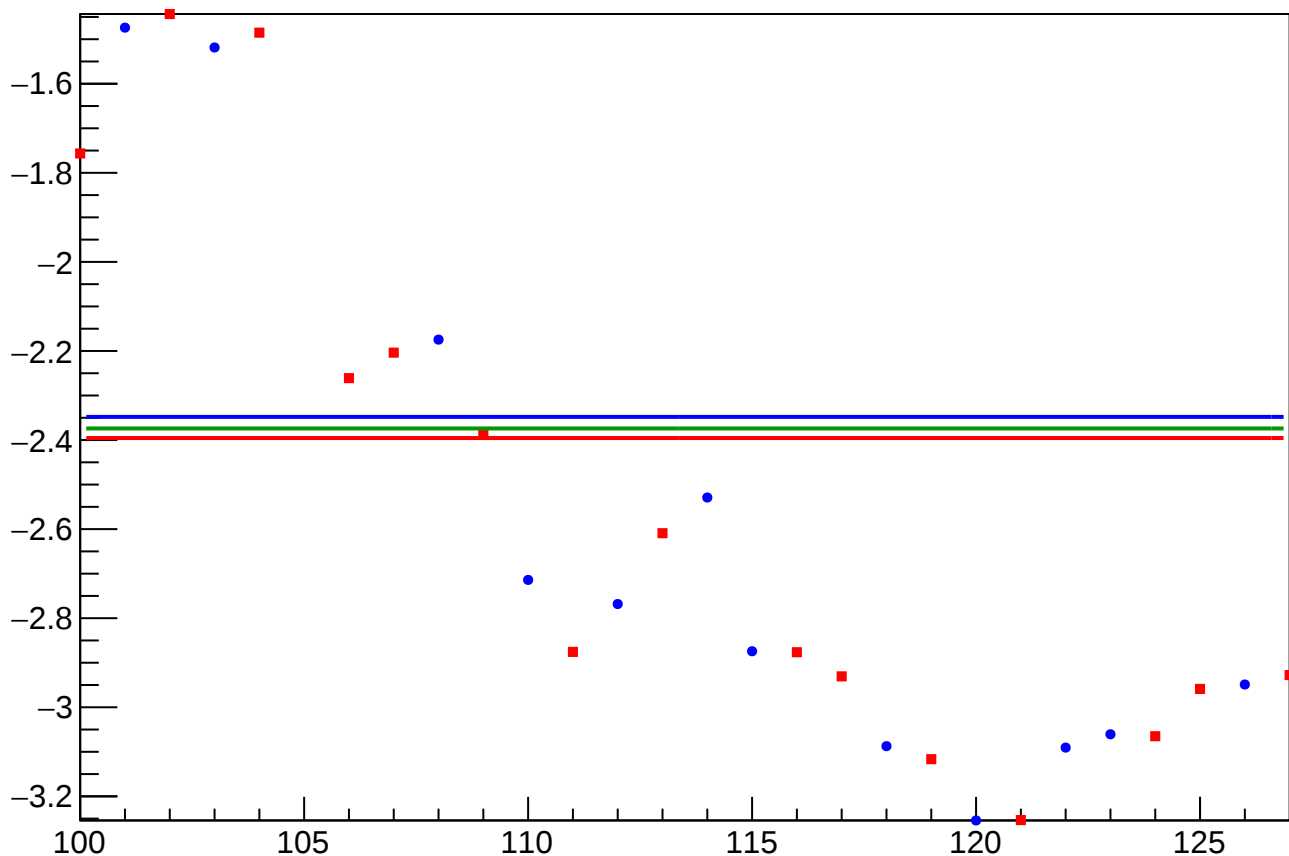
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 108313.9/11

0.007+/-0.000 χ^2/NDF : 316158.6/26

0.007+/-0.000 χ^2/NDF : 197688.8/14

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.348+/-0.000 χ^2/NDF : 47815617377.3/11

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

Right Out: -2.396+/-0.000 χ^2/NDF : 47780978009.7/14

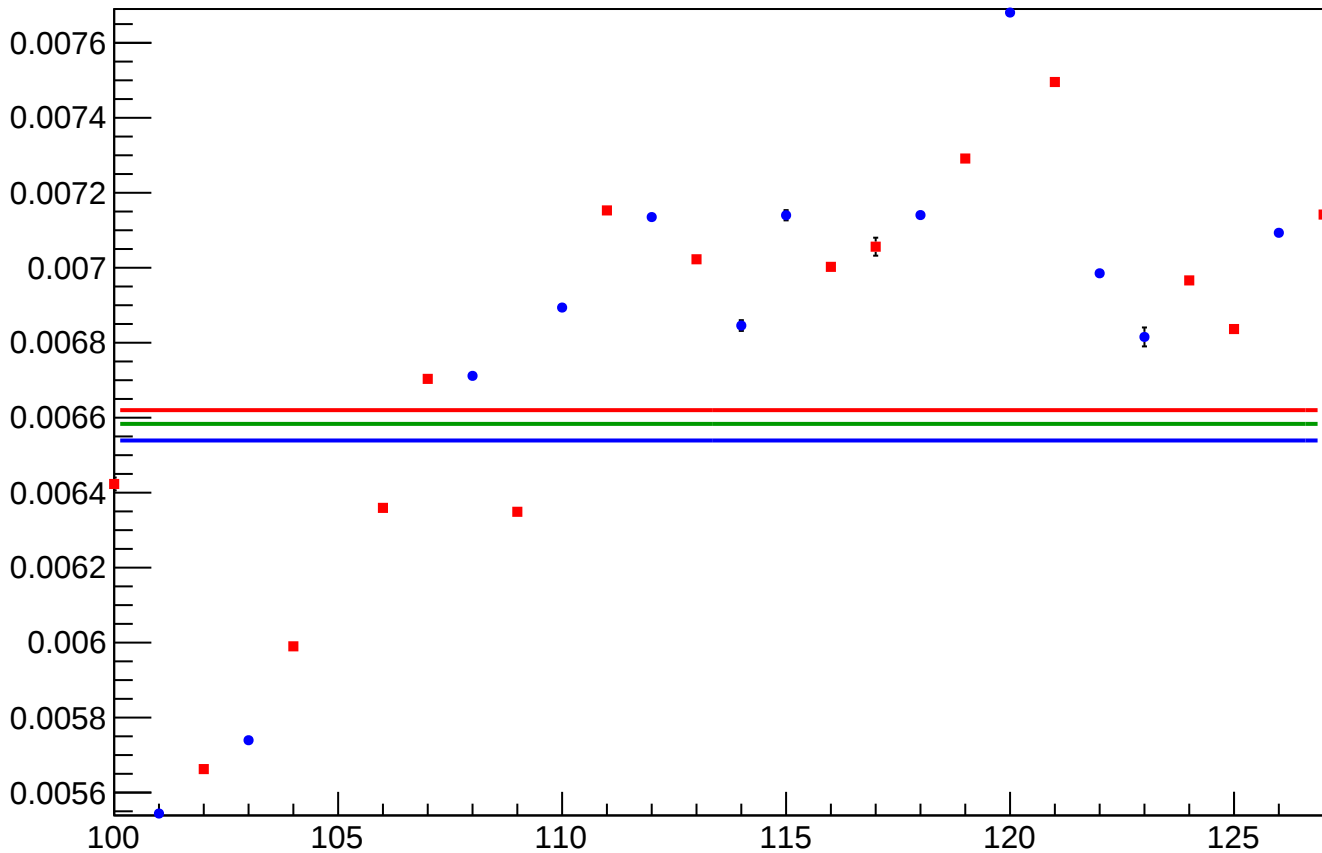
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.348+/-0.000 χ^2/NDF : 47815617377.3/11

-2.374+/-0.000 χ^2/NDF : 95718501689.4/14

-2.396+/-0.000 χ^2/NDF : 47780978009.7/14

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 101006.9/11

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

Right Out: 0.007+/-0.000 χ^2/NDF : 79960.5/14

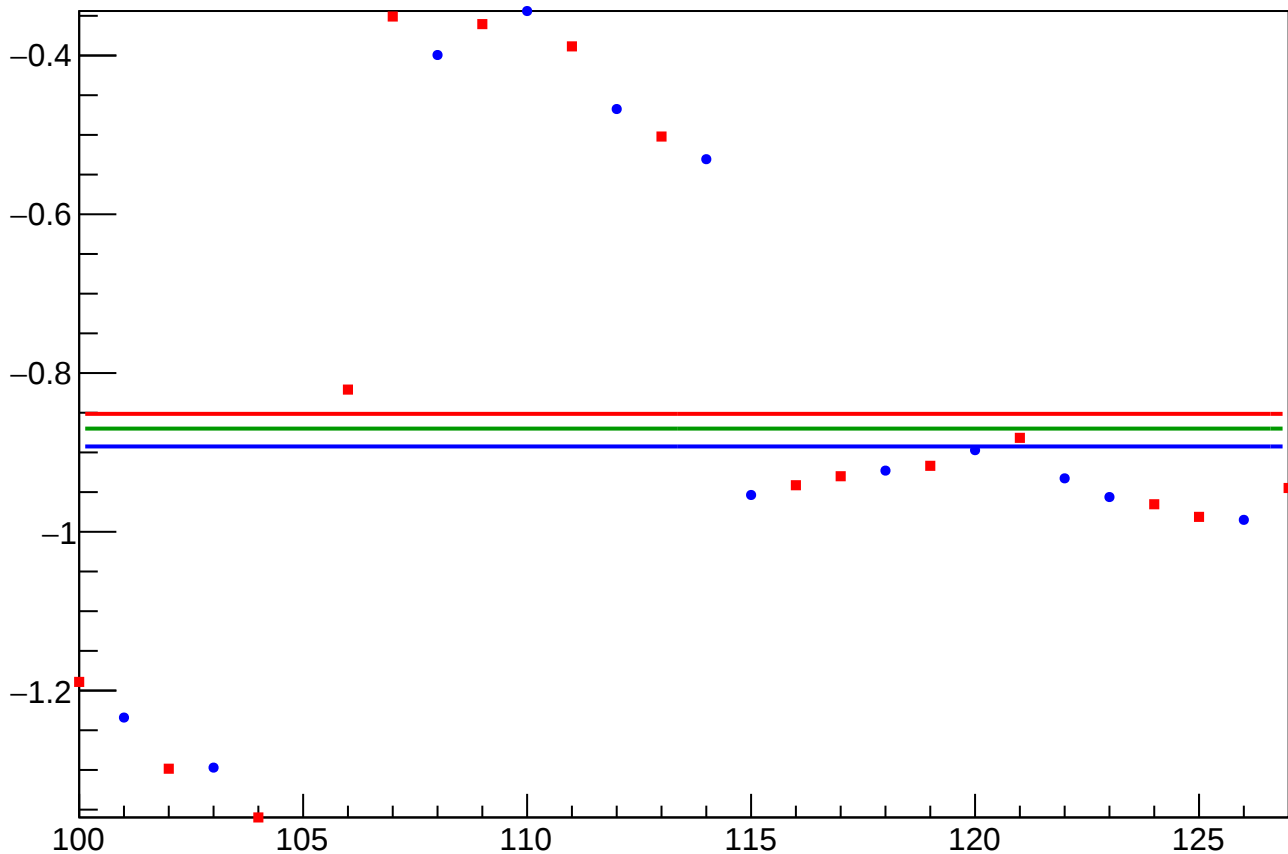
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 101006.9/11

0.007+/-0.000 χ^2/NDF : 181675.0/26

0.007+/-0.000 χ^2/NDF : 79960.5/14

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.892+/-0.000 χ^2/NDF : 3886965133.8/11

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

Right Out: -0.851+/-0.000 χ^2/NDF : 5616133732.5/14

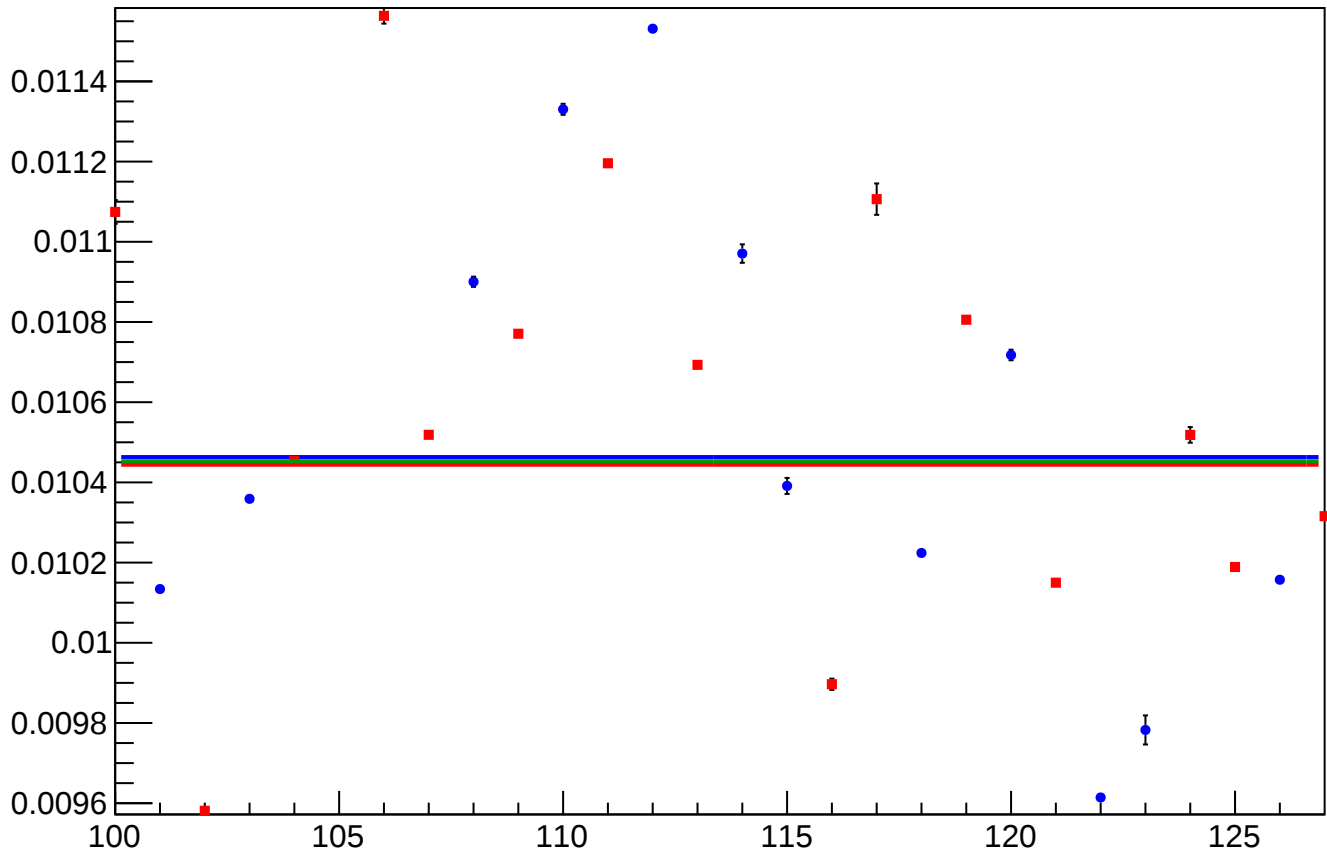
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.892+/-0.000 χ^2/NDF : 3886965133.8/11

-0.870+/-0.000 χ^2/NDF : 9538618492.6/20

-0.851+/-0.000 χ^2/NDF : 5616133732.5/14

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 23257.2/11

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

Right Out: 0.010+/-0.000 χ^2/NDF : 22041.4/14

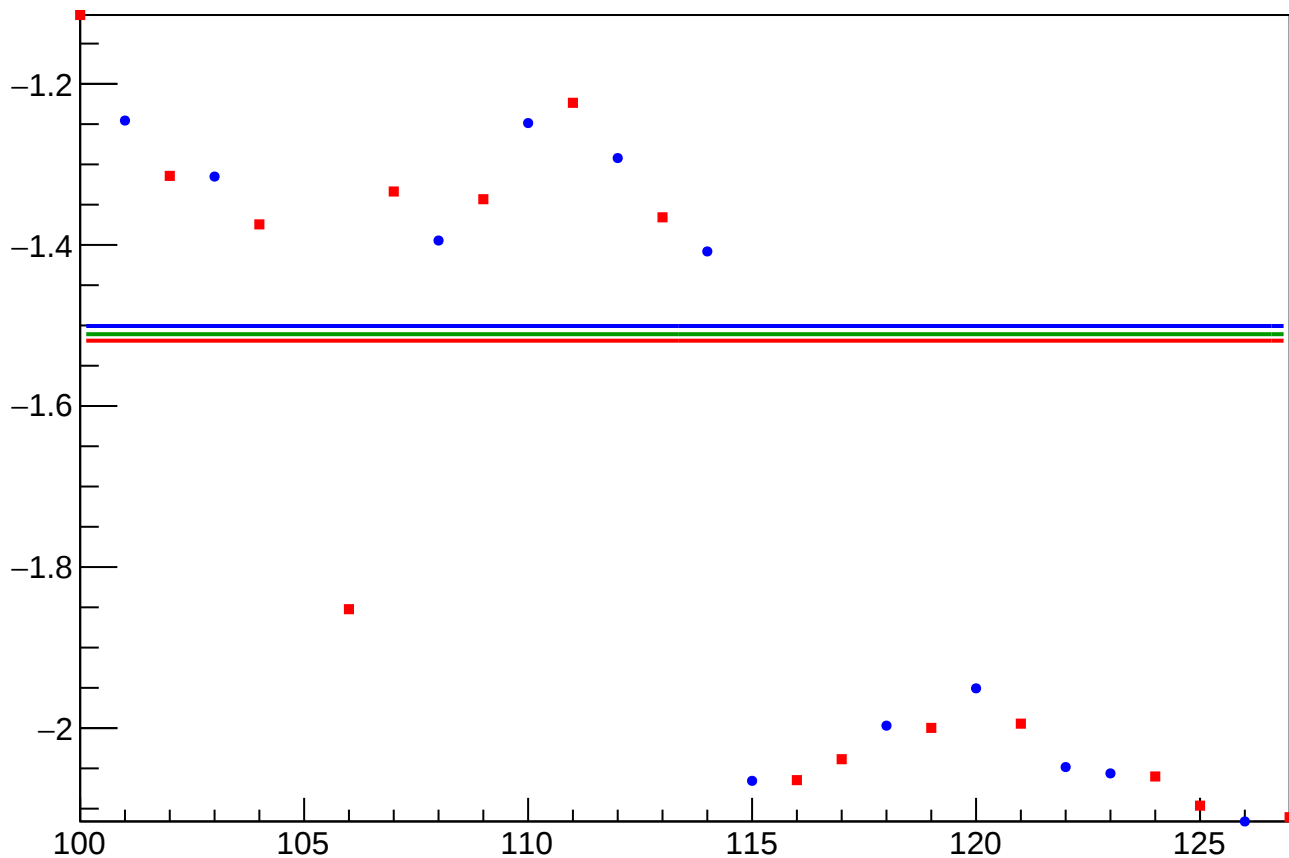
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 23257.2/11

0.010+/-0.000 χ^2/NDF : 45314.0/26

0.010+/-0.000 χ^2/NDF : 22041.4/14

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.501+/-0.000 χ^2/NDF : 74213116412.4/11

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

Right Out: -1.519+/-0.000 χ^2/NDF : 83228035046.0/14

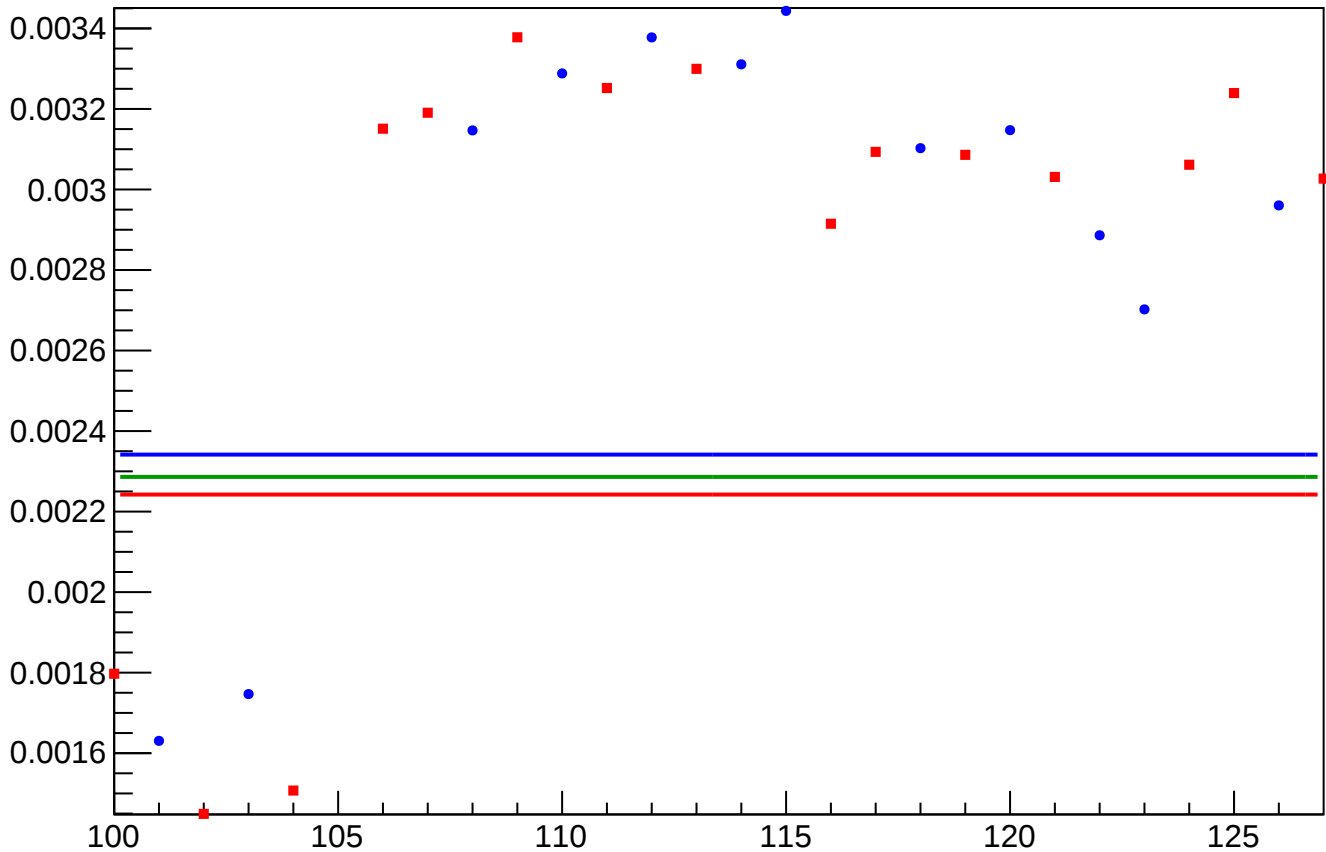
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.501+/-0.000 χ^2/NDF : 74213116412.4/11

-1.511+/-0.000 χ^2/NDF : 157560436851.8

-1.519+/-0.000 χ^2/NDF : 83228035046.0/14

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 681826.7/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1135415.4/14

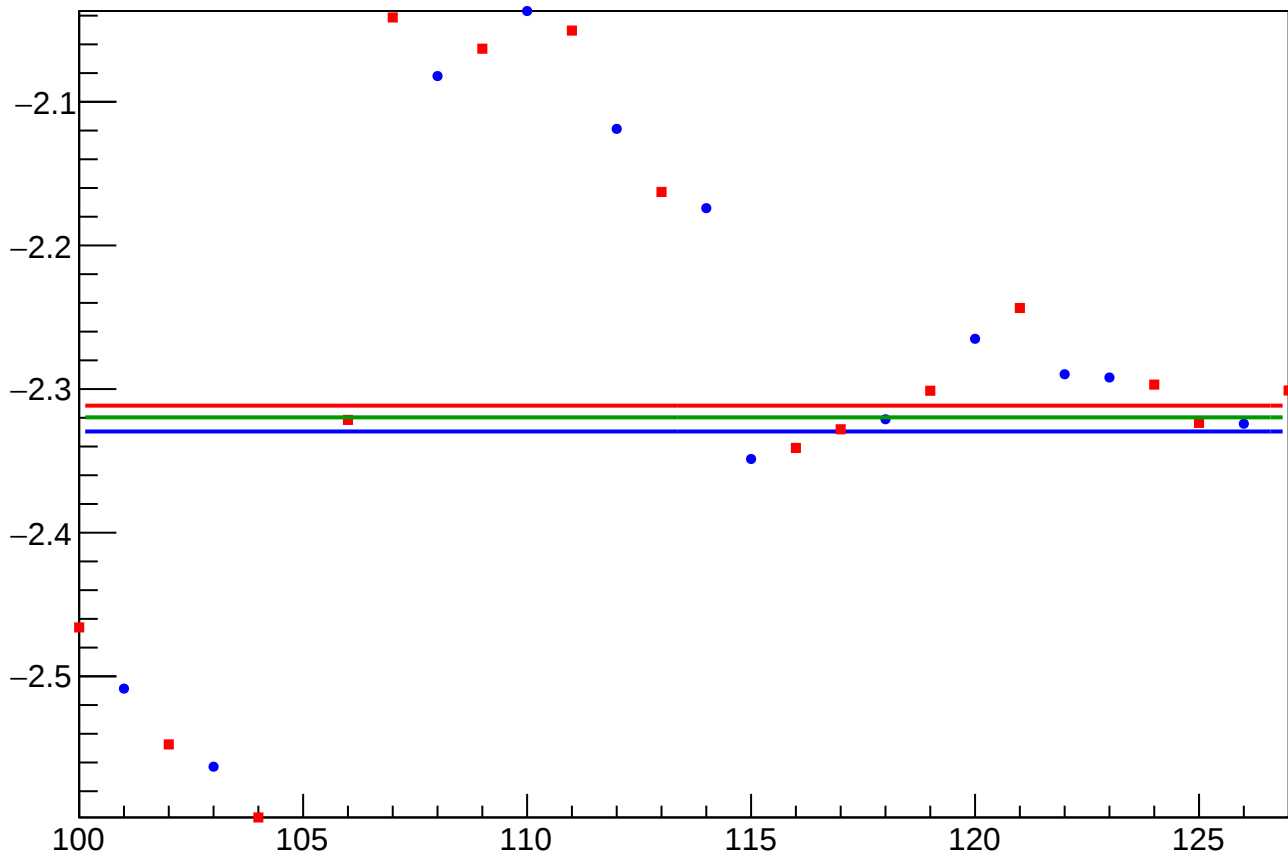
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 681826.7/11

0.002+/-0.000 χ^2/NDF : 1824313.6/26

0.002+/-0.000 χ^2/NDF : 1135415.4/14

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330+/-0.000 χ^2 /NDF: 2997574046.0/11

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

Right Out: -2.312+/-0.000 χ^2 /NDF: 4395933283.7/14

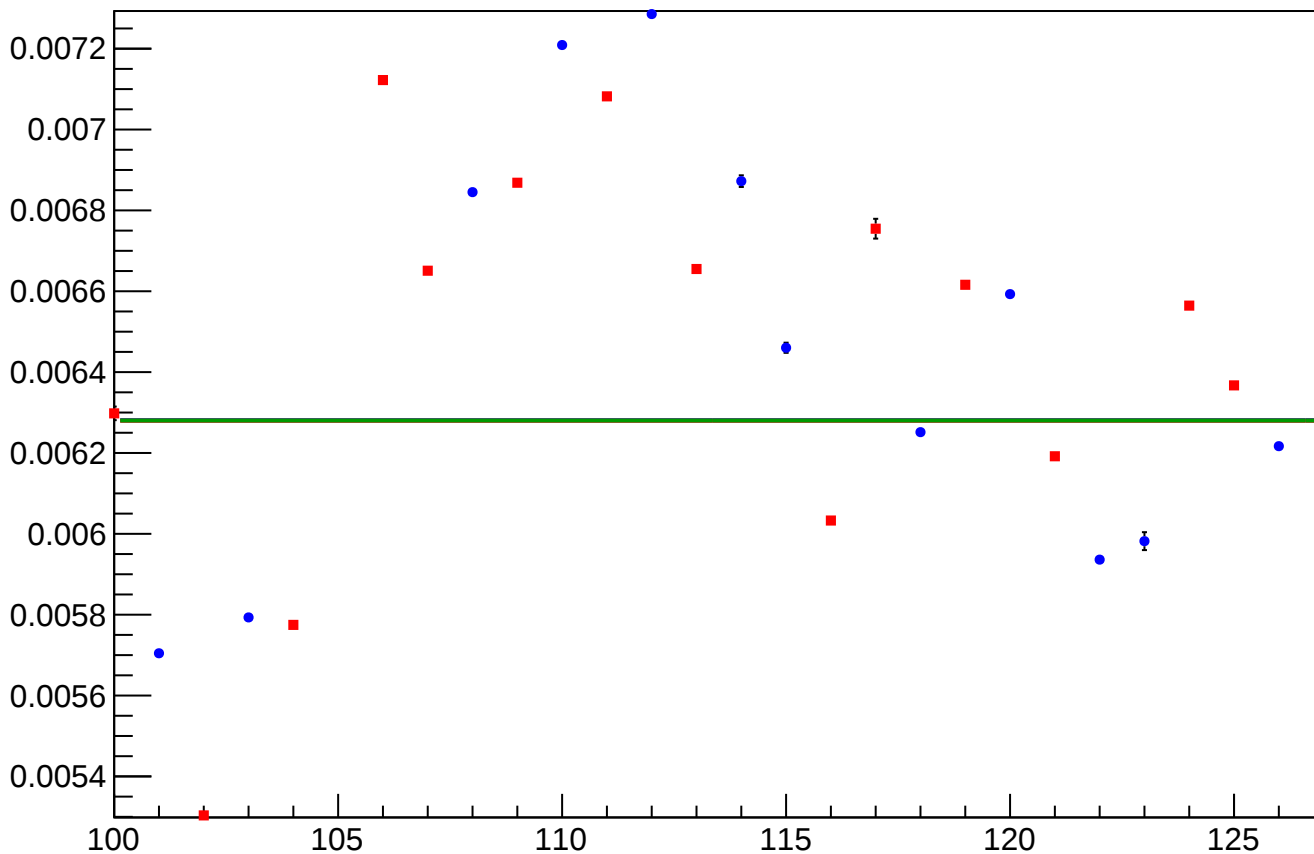
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.330+/-0.000 χ^2 /NDF: 2997574046.0/11

-2.320+/-0.000 χ^2 /NDF: 7412058407.5/20

-2.312+/-0.000 χ^2 /NDF: 4395933283.7/14

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59623.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 76914.5/14

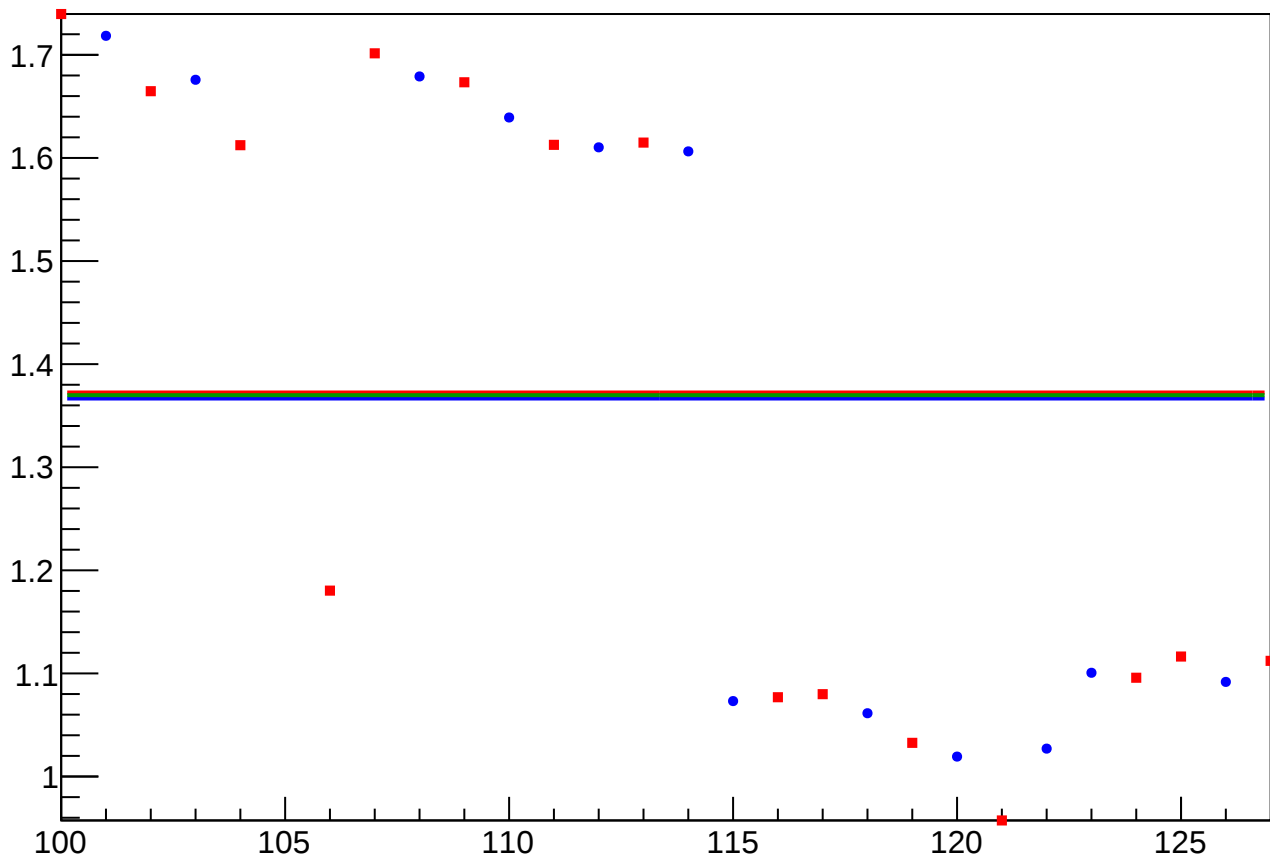
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 59623.5/11

0.006+/-0.000 χ^2/NDF : 136538.2/26

0.006+/-0.000 χ^2/NDF : 76914.5/14

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.367+/-0.000 χ^2/NDF : 89006405905.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.367+/-0.000 χ^2/NDF : 89006405905.3/11

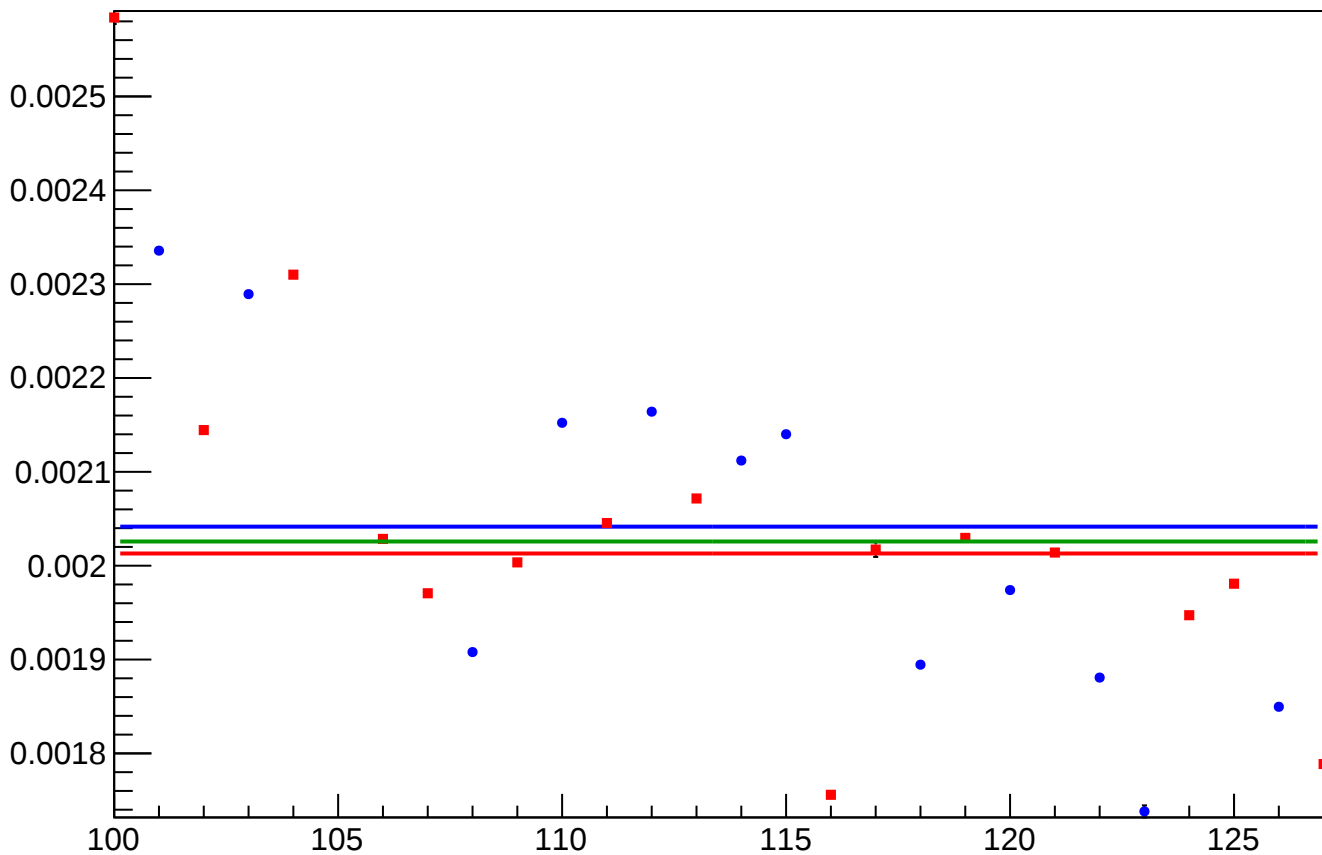
1.370+/-0.000 χ^2/NDF : 189993784657.2/11

Right Out: 1.372+/-0.000 χ^2/NDF : 100969547829.9/14

1.372+/-0.000 χ^2/NDF : 100969547829.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 60719.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 51929.7/14

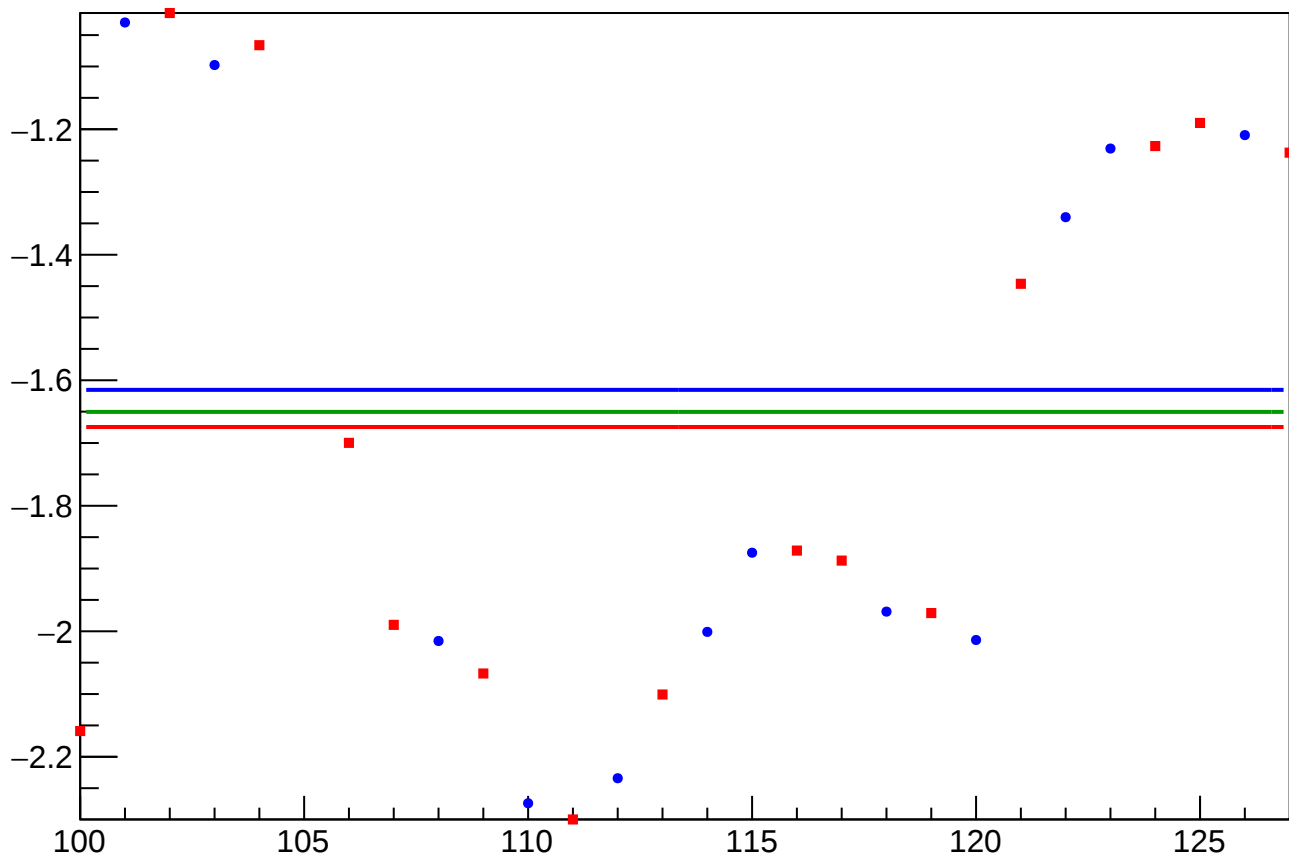
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 60719.2/11

0.002+/-0.000 χ^2/NDF : 113507.1/26

0.002+/-0.000 χ^2/NDF : 51929.7/14

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.615+/-0.000 χ^2/NDF : 18936781978.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.674+/-0.000 χ^2/NDF : 24924032547.5/14

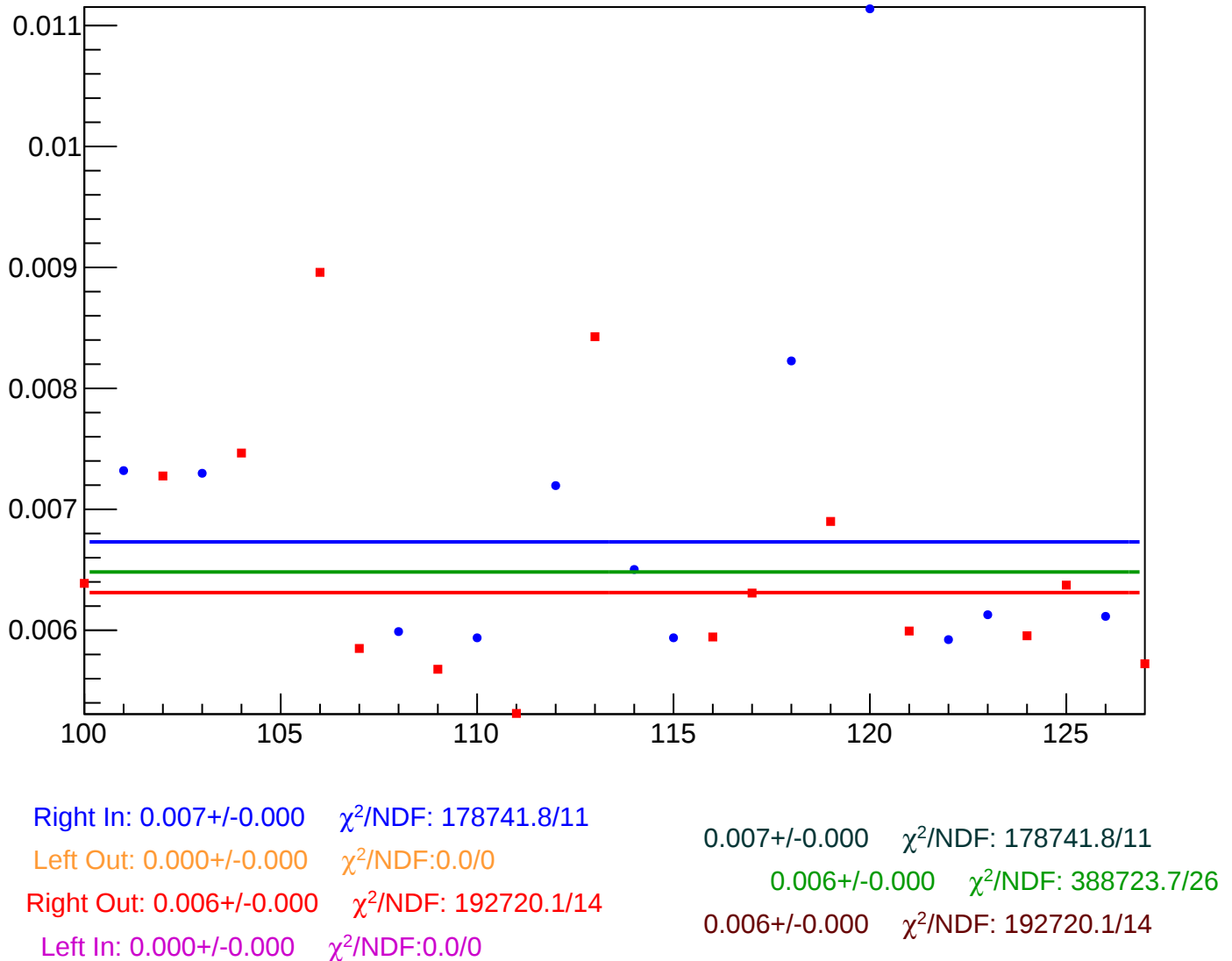
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.615+/-0.000 χ^2/NDF : 18936781978.3/11

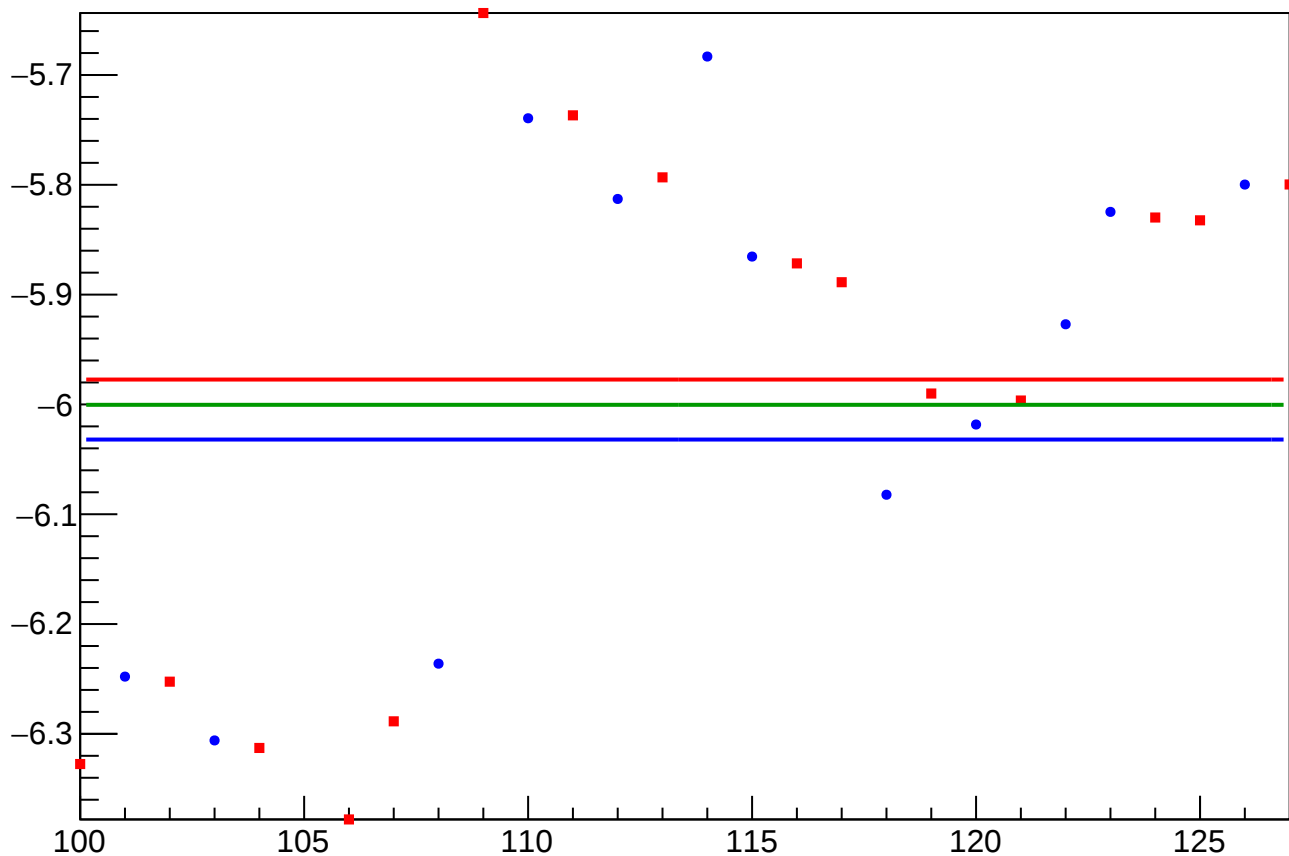
-1.650+/-0.000 χ^2/NDF : 44032942783.2/11

-1.674+/-0.000 χ^2/NDF : 24924032547.5/14

yield_bpm0l01X_rms vs Slug, Sign Corrected



yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.032+/-0.000 χ^2/NDF : 5886355095.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.977+/-0.000 χ^2/NDF : 9741808801.2/14

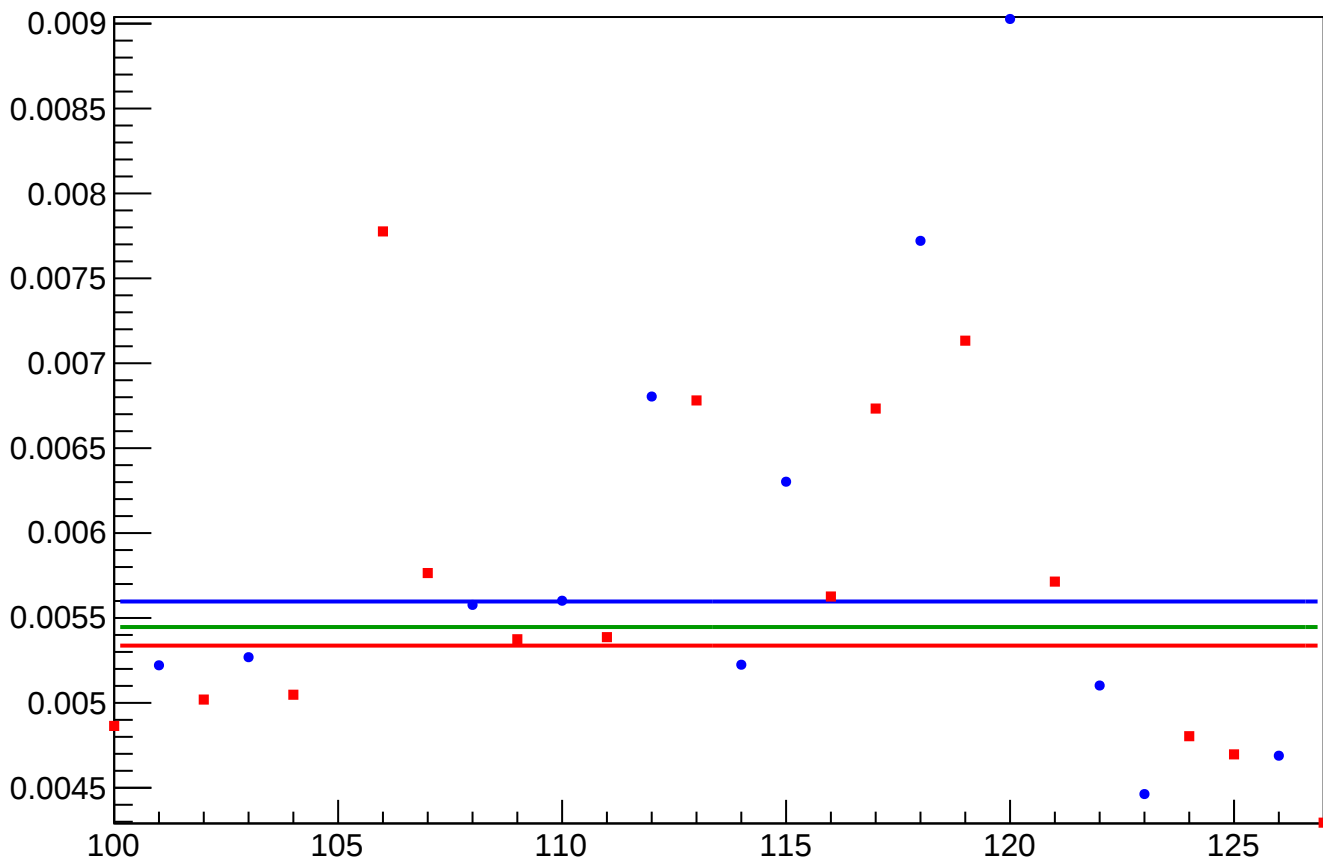
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-6.032+/-0.000 χ^2/NDF : 5886355095.3/11

-6.000+/-0.000 χ^2/NDF : 15836348726.7/14

-5.977+/-0.000 χ^2/NDF : 9741808801.2/14

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 228801.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 222039.7/14

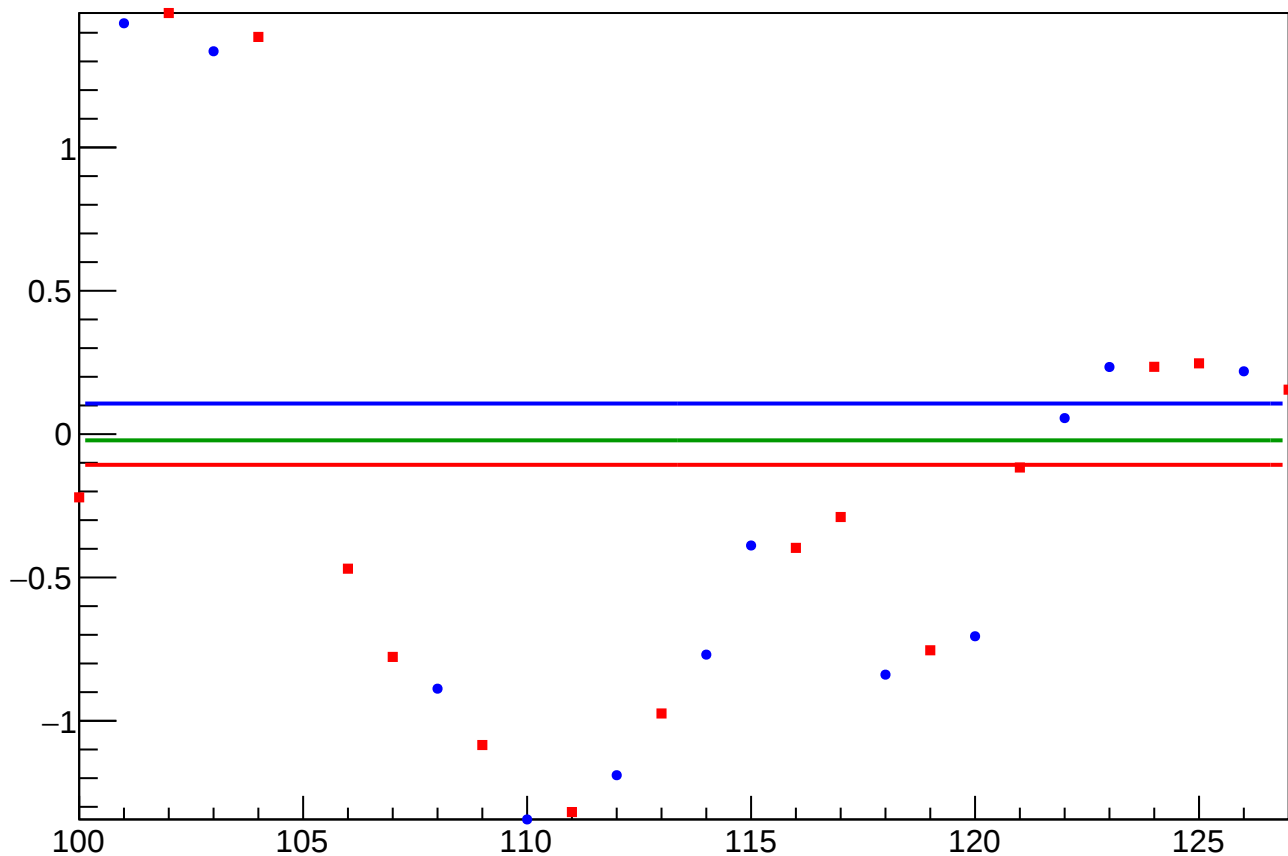
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 228801.5/11

0.005+/-0.000 χ^2/NDF : 460252.8/26

0.005+/-0.000 χ^2/NDF : 222039.7/14

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.107+/-0.000 χ^2/NDF : 16361377130.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.107+/-0.000 χ^2/NDF : 20499278986.4/14

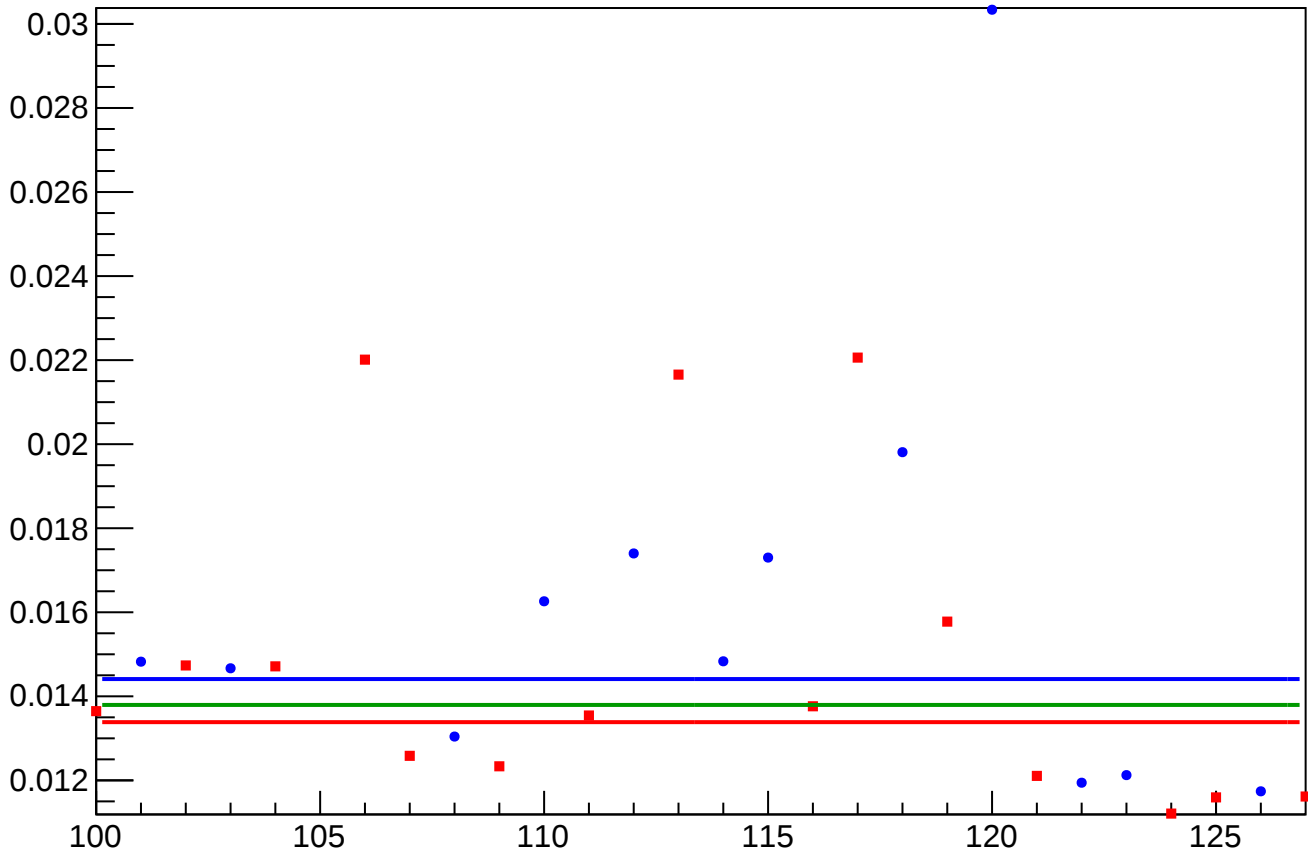
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.107+/-0.000 χ^2/NDF : 16361377130.5/11

-0.022+/-0.000 χ^2/NDF : 37334901316.7/11

-0.107+/-0.000 χ^2/NDF : 20499278986.4/14

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 318329.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 266870.3/14

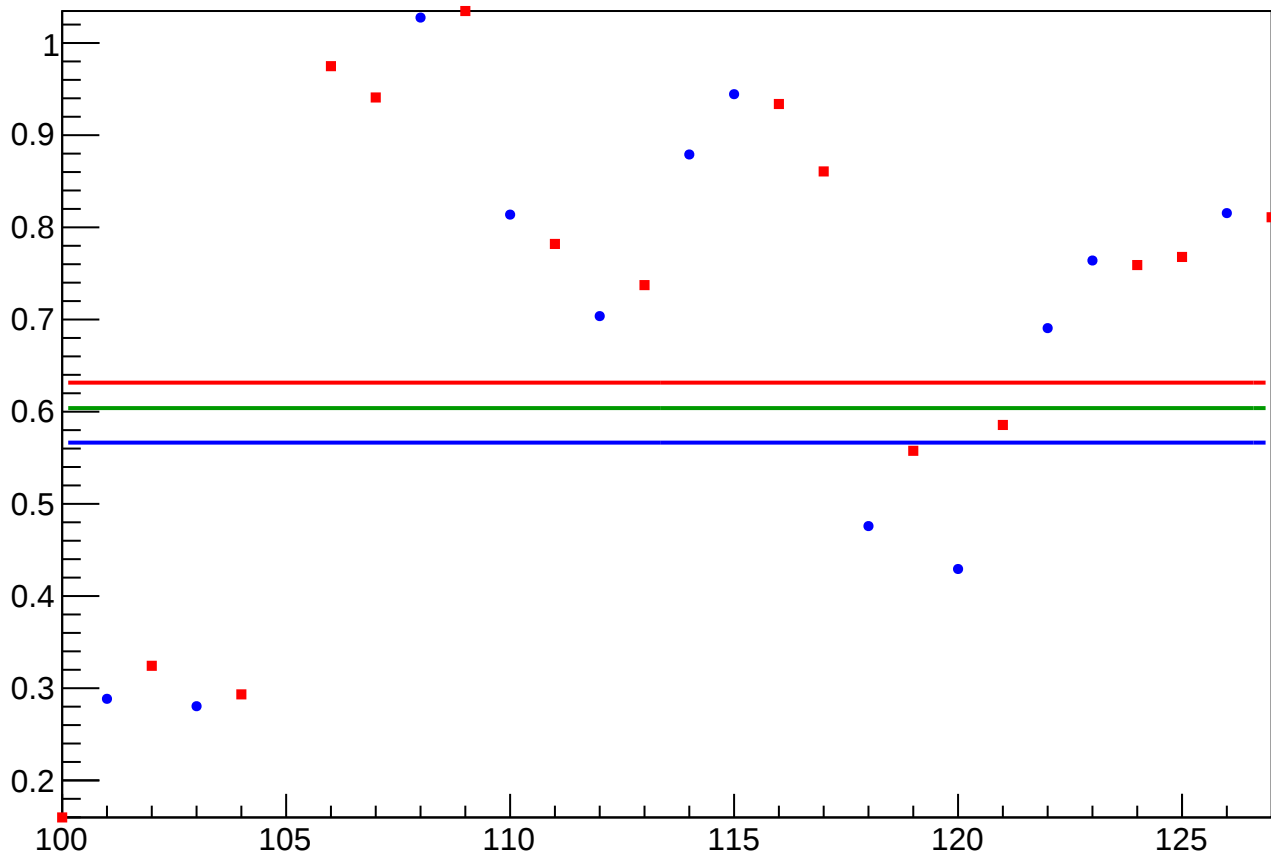
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 318329.1/11

0.014+/-0.000 χ^2/NDF : 607022.3/26

0.013+/-0.000 χ^2/NDF : 266870.3/14

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.566+/-0.000 χ^2/NDF : 4192690308.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.632+/-0.000 χ^2/NDF : 5446973316.3/14

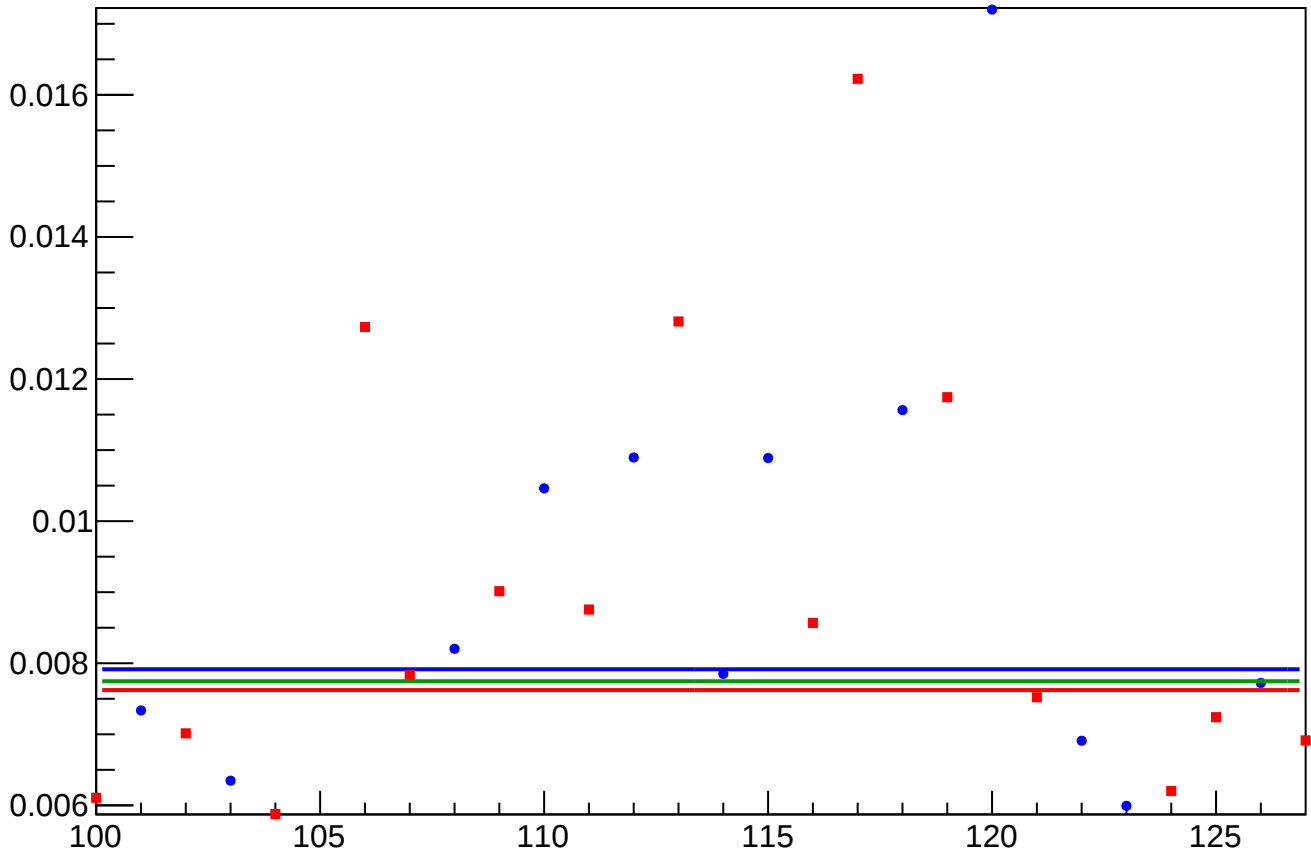
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.566+/-0.000 χ^2/NDF : 4192690308.6/11

0.604+/-0.000 χ^2/NDF : 9777638812.2/26

0.632+/-0.000 χ^2/NDF : 5446973316.3/14

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 445207.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 453399.2/14

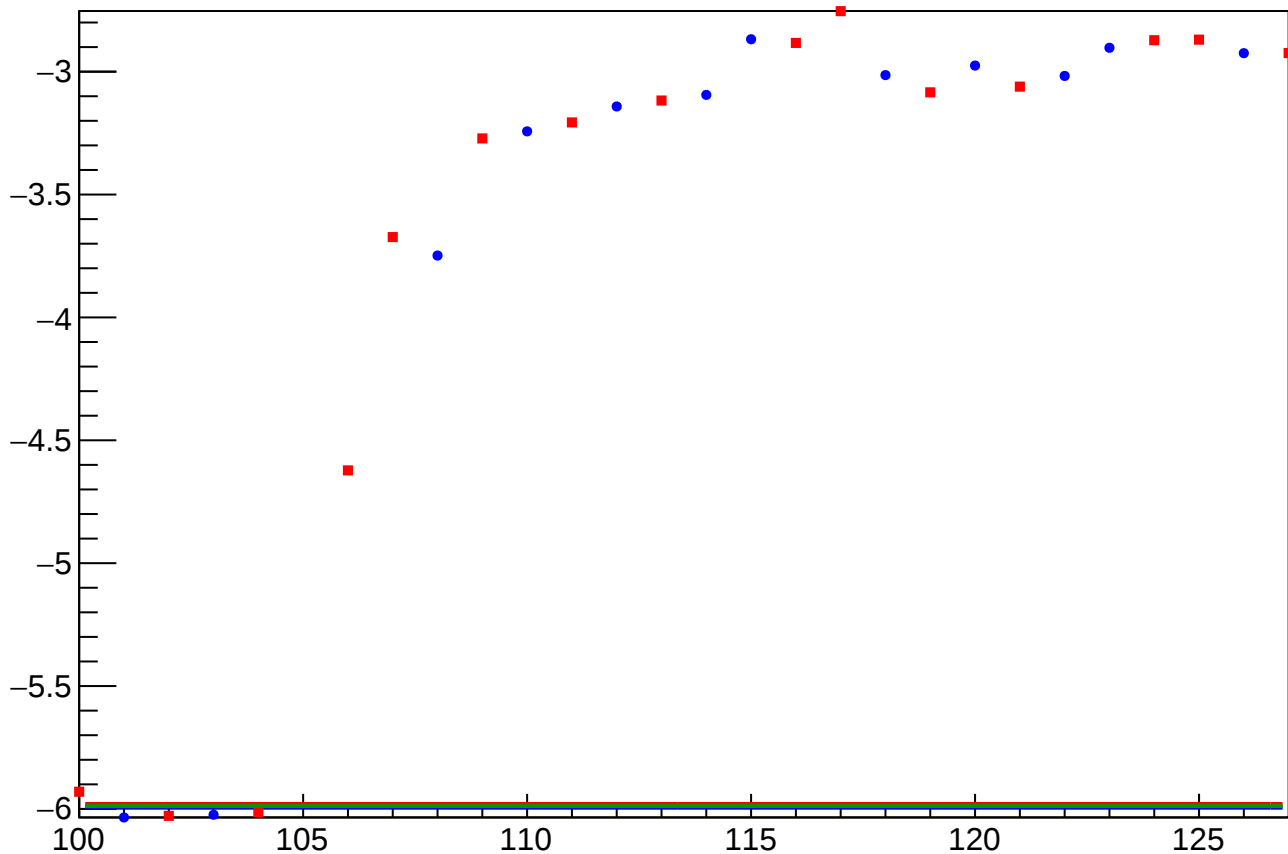
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 445207.7/11

0.008+/-0.000 χ^2/NDF : 904191.7/26

0.008+/-0.000 χ^2/NDF : 453399.2/14

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.995+/-0.000 χ^2/NDF : 4198316255.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.995+/-0.000 χ^2/NDF : 4198316255.3/11

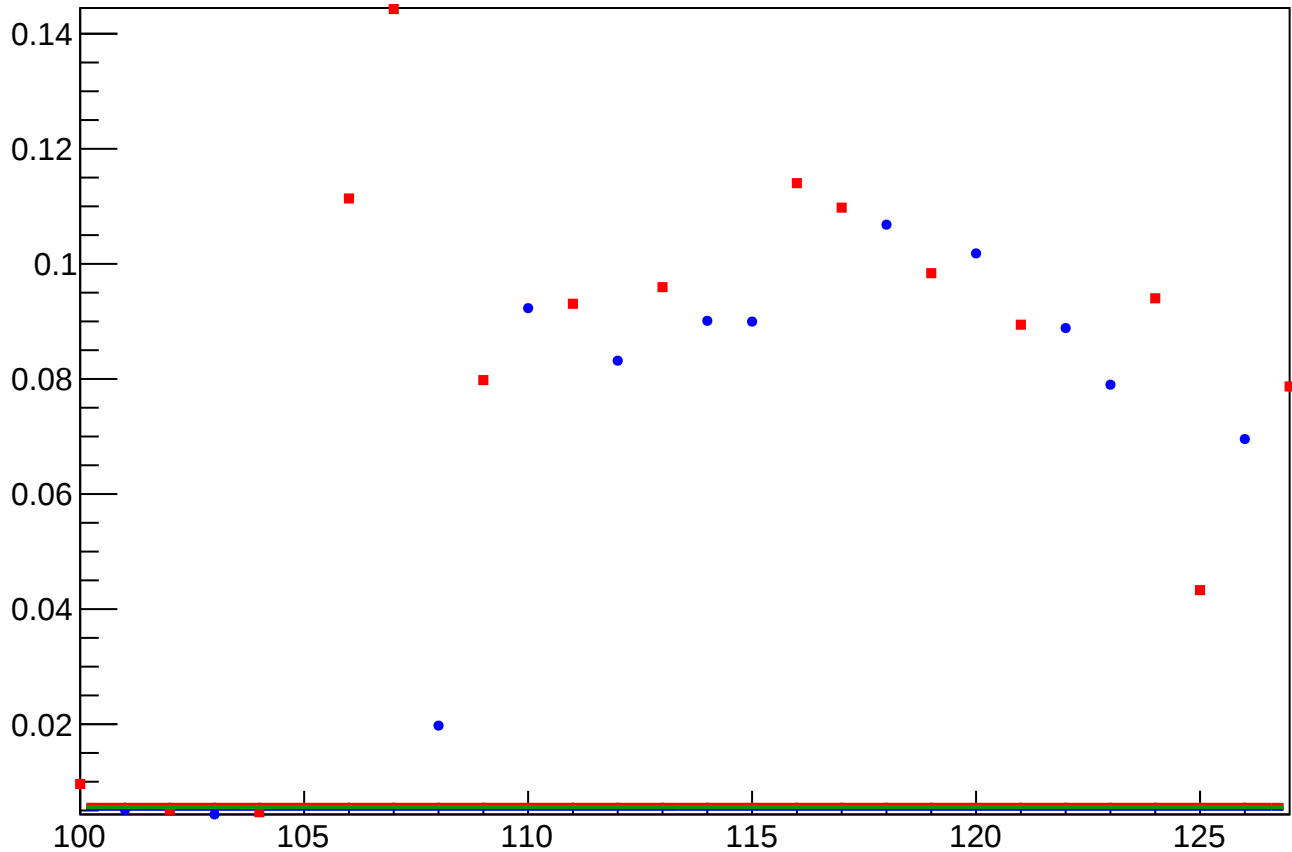
-5.988+/-0.000 χ^2/NDF : 8499474943.6/20

Right Out: -5.980+/-0.000 χ^2/NDF : 4296513210.8/14

-5.980+/-0.000 χ^2/NDF : 4296513210.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 4517105.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 6537568.0/14

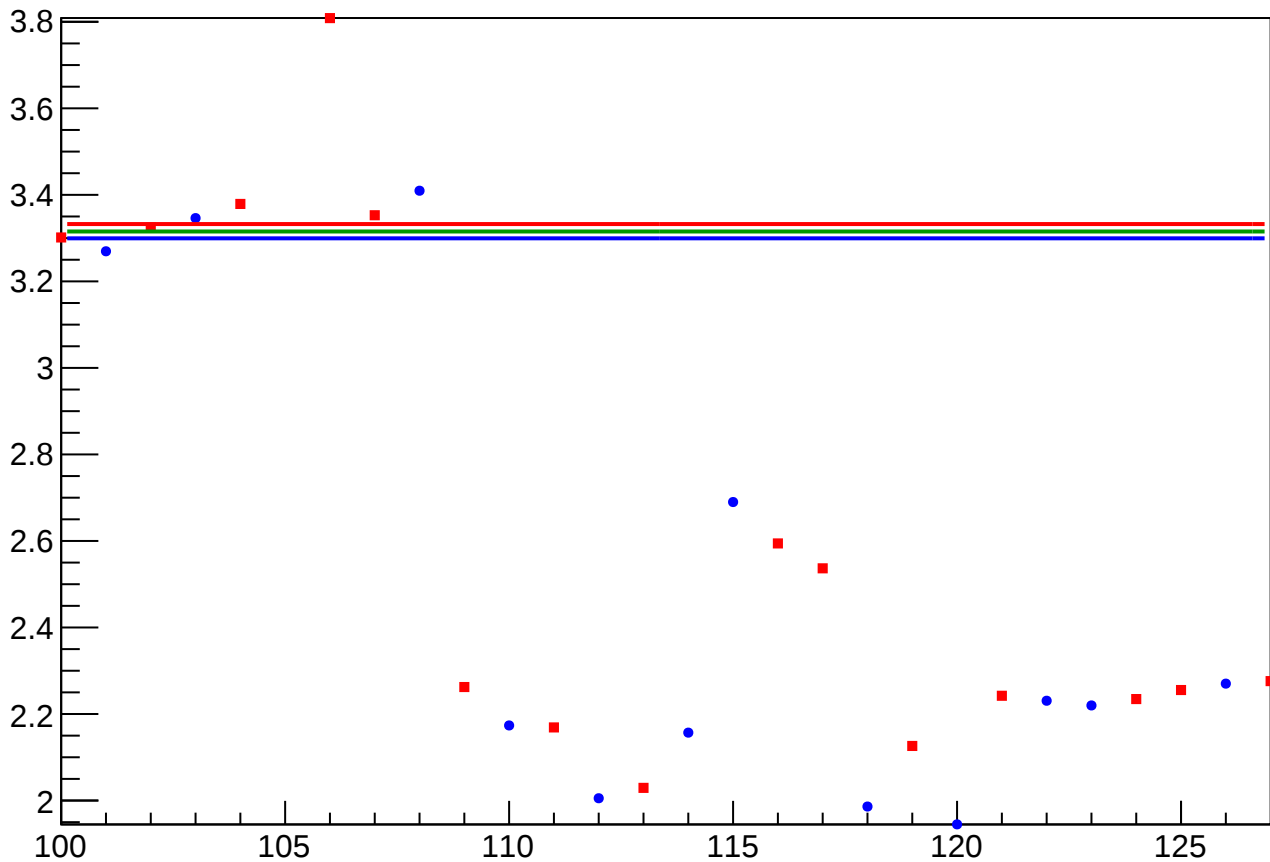
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 4517105.1/11

0.006+/-0.000 χ^2/NDF : 11075193.8/26

0.006+/-0.000 χ^2/NDF : 6537568.0/14

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.299+/-0.000 χ^2/NDF : 438820900.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.332+/-0.000 χ^2/NDF : 598533109.7/14

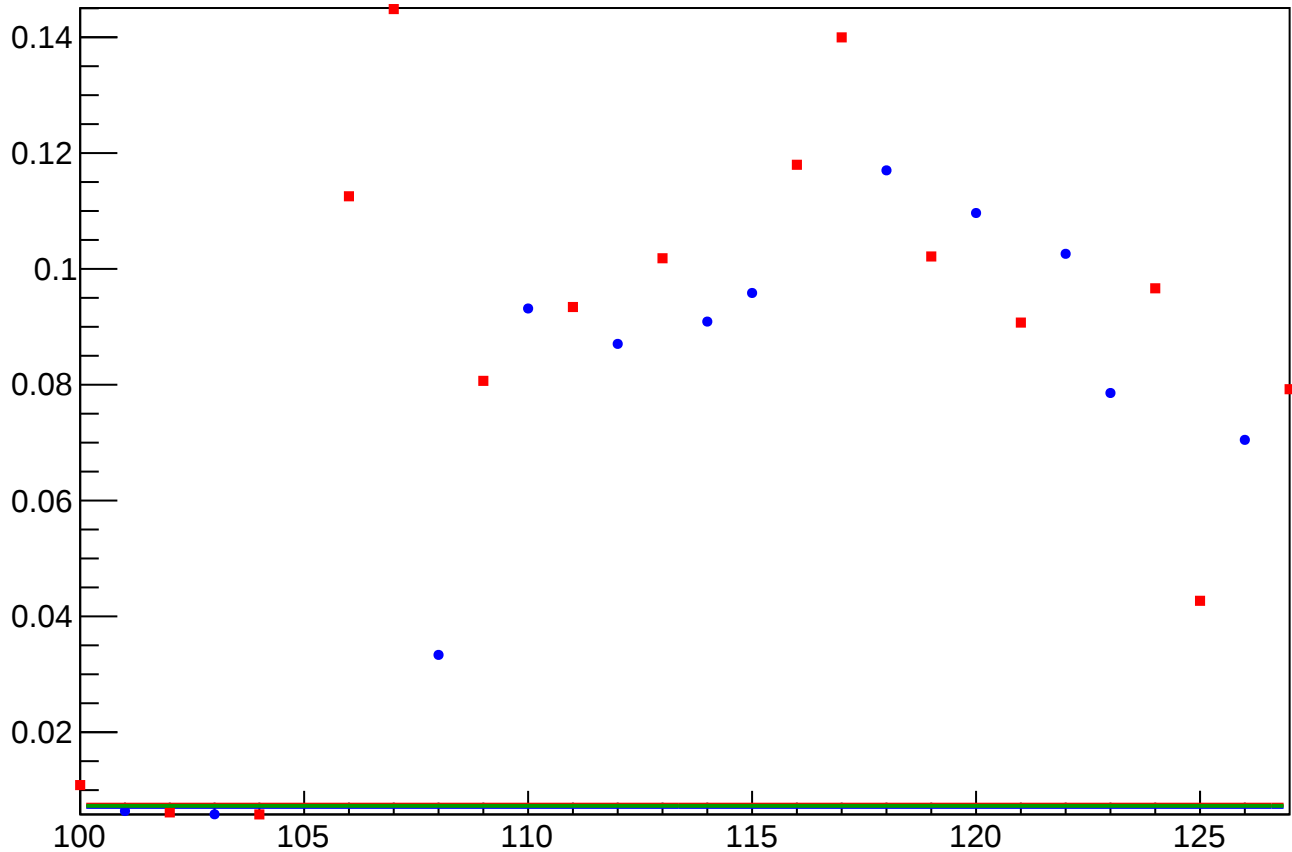
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.299+/-0.000 χ^2/NDF : 438820900.0/11

3.315+/-0.000 χ^2/NDF : 1052101502.9/26

3.332+/-0.000 χ^2/NDF : 598533109.7/14

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4528862.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 6344734.3/14

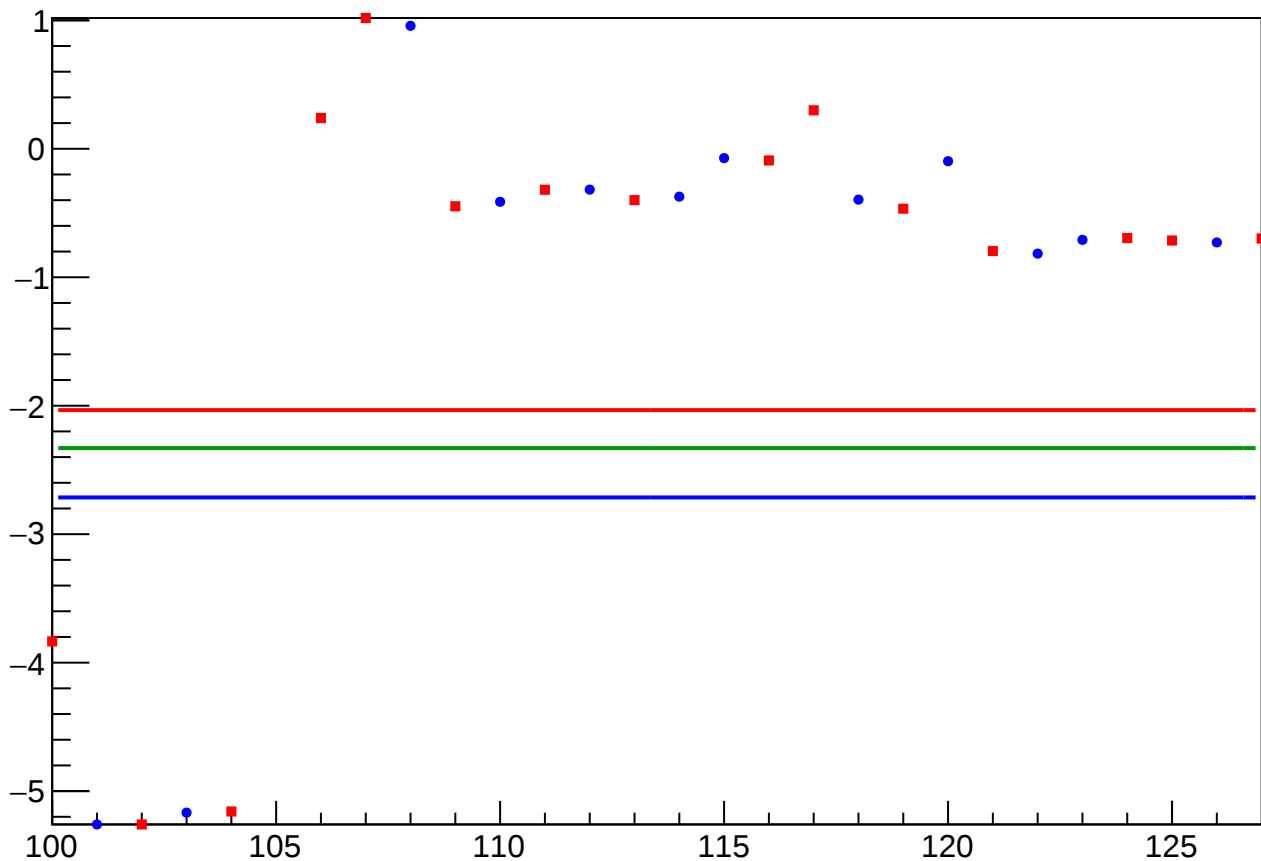
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 4528862.7/11

0.007+/-0.000 χ^2/NDF : 10877456.4/26

0.007+/-0.000 χ^2/NDF : 6344734.3/14

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.714+/-0.000 χ^2/NDF : 100940732739.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.714+/-0.000 χ^2/NDF : 100940732739.8/11

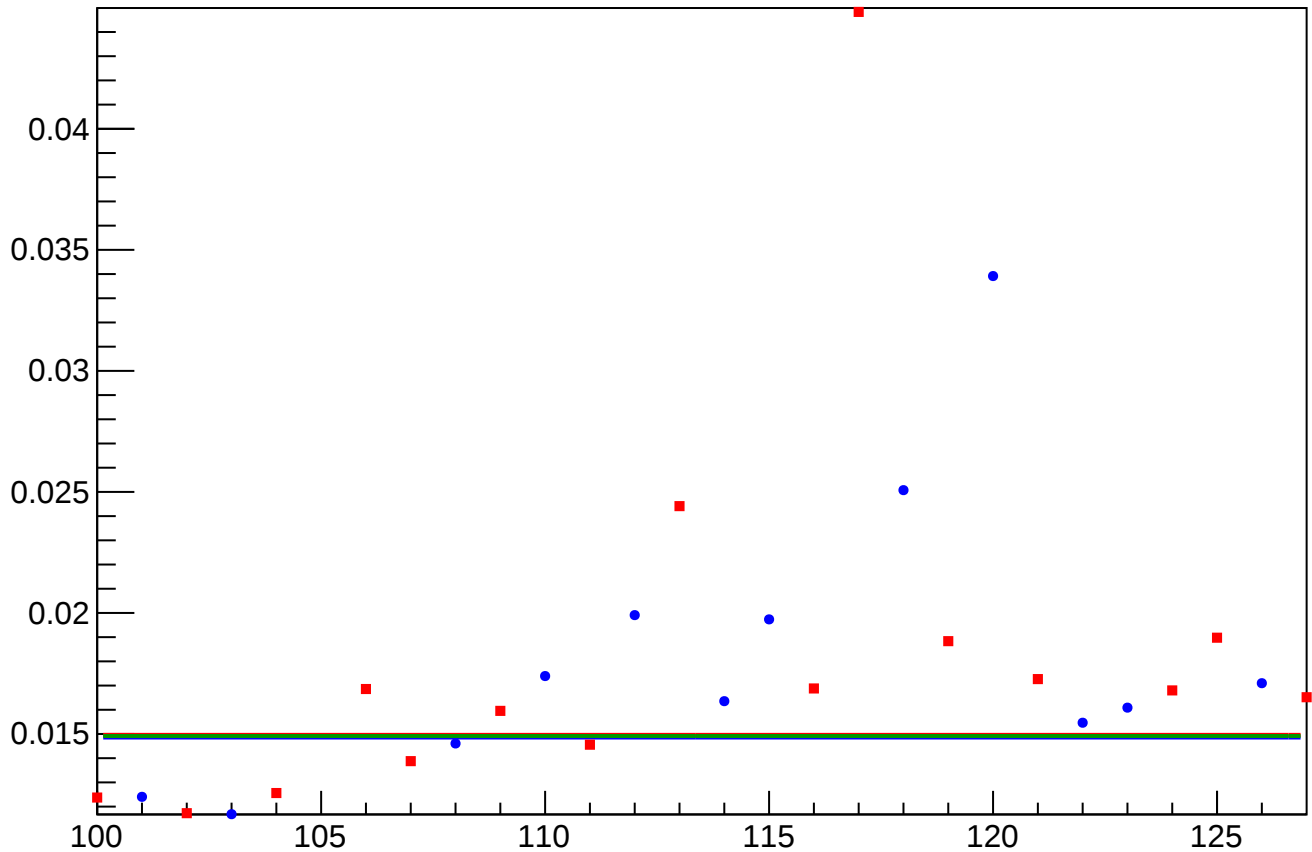
-2.330+/-0.000 χ^2/NDF : 222635536126.9

Right Out: -2.034+/-0.000 χ^2/NDF : 117620113013.4/14

-2.034+/-0.000 χ^2/NDF : 117620113013.4/14

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 : 509707.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 351409.1/14

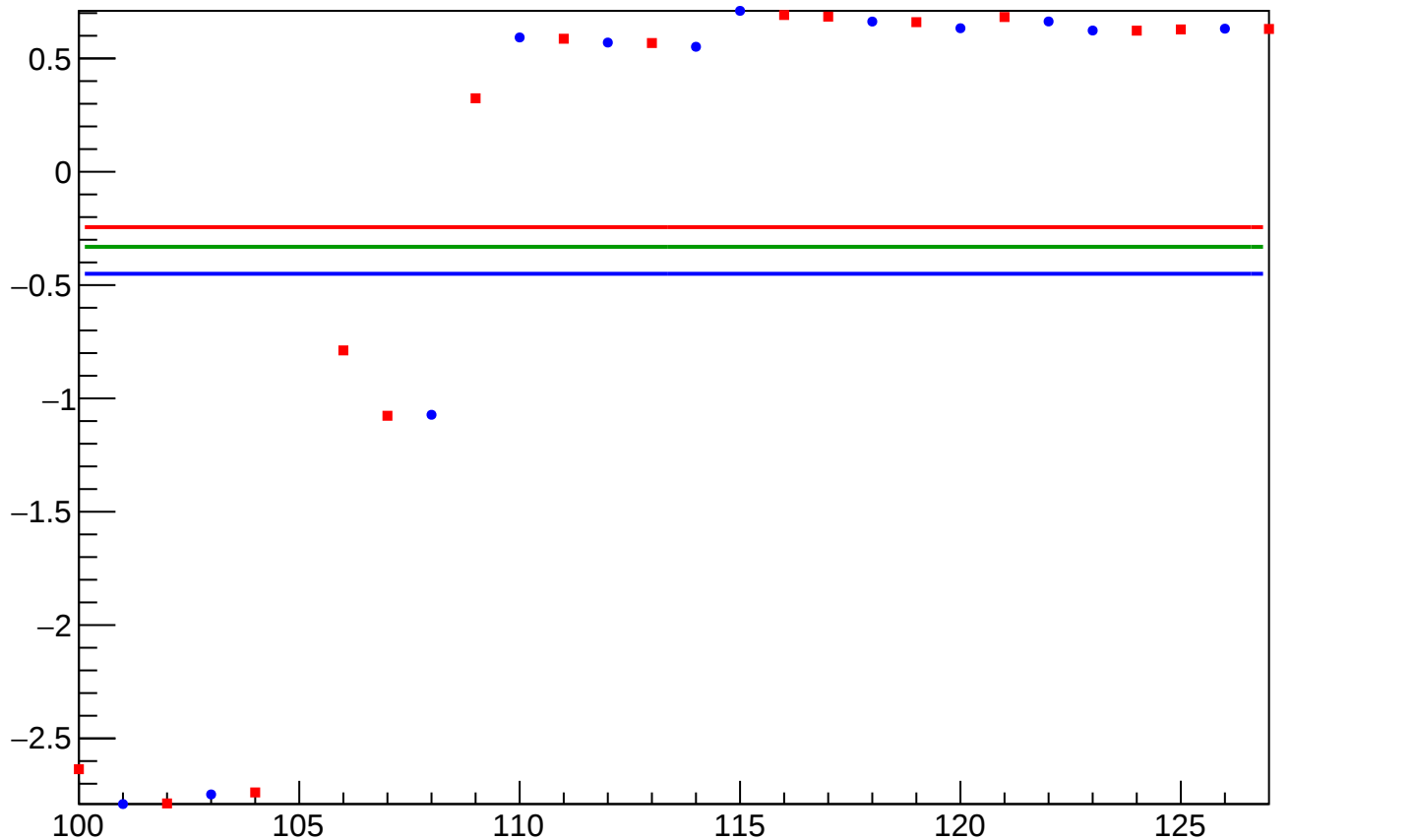
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 509707.4/11

0.015+/-0.000 χ^2/NDF : 861328.7/26

0.015+/-0.000 χ^2/NDF : 351409.1/14

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.450+/-0.000 χ^2/NDF : 630939608878.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.450+/-0.000 χ^2/NDF : 630939608878.6/11

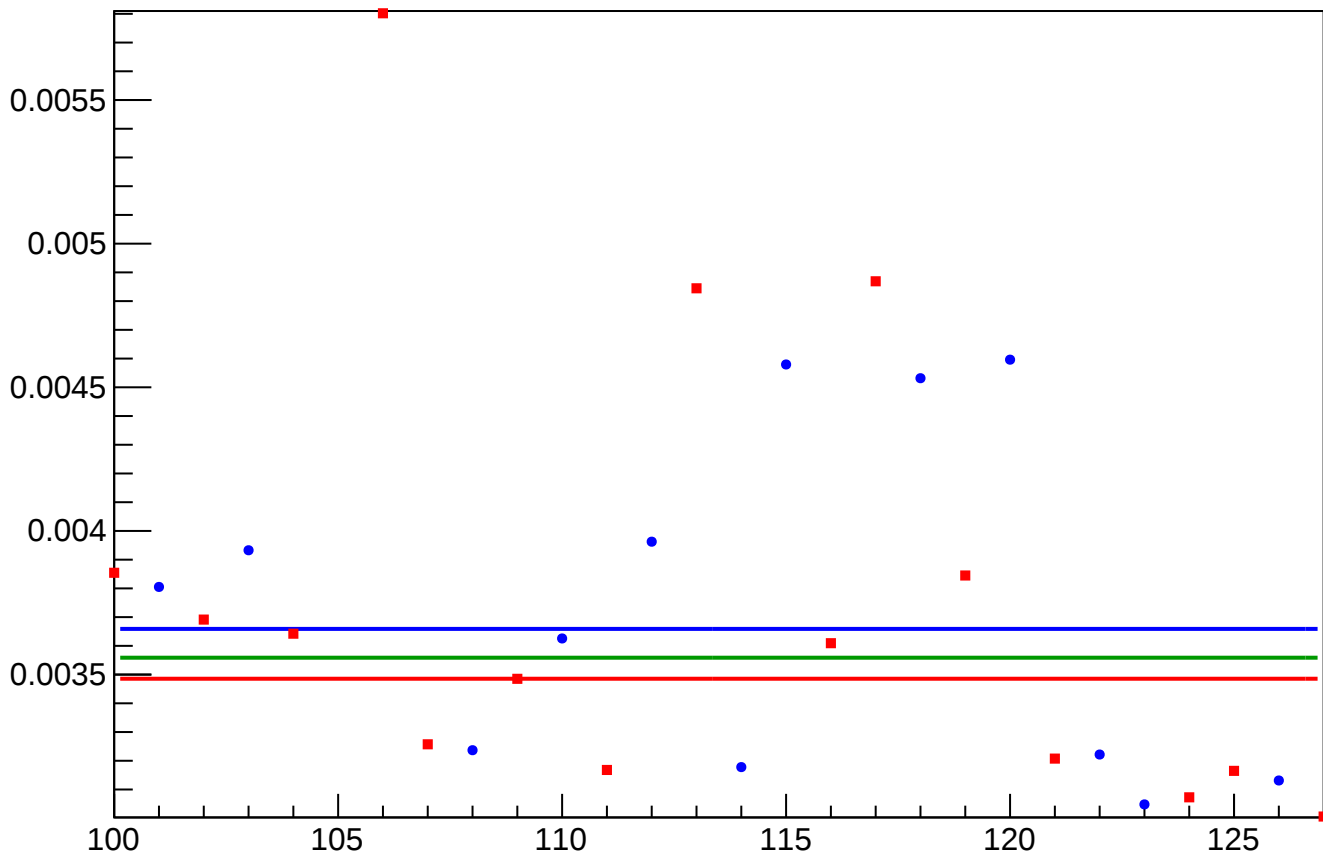
-0.331+/-0.000 χ^2/NDF : 1371255466304.0

Right Out: -0.244+/-0.000 χ^2/NDF : 733106112200.2/14

-0.244+/-0.000 χ^2/NDF : 733106112200.2/14

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 : 135919.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 218709.7/14

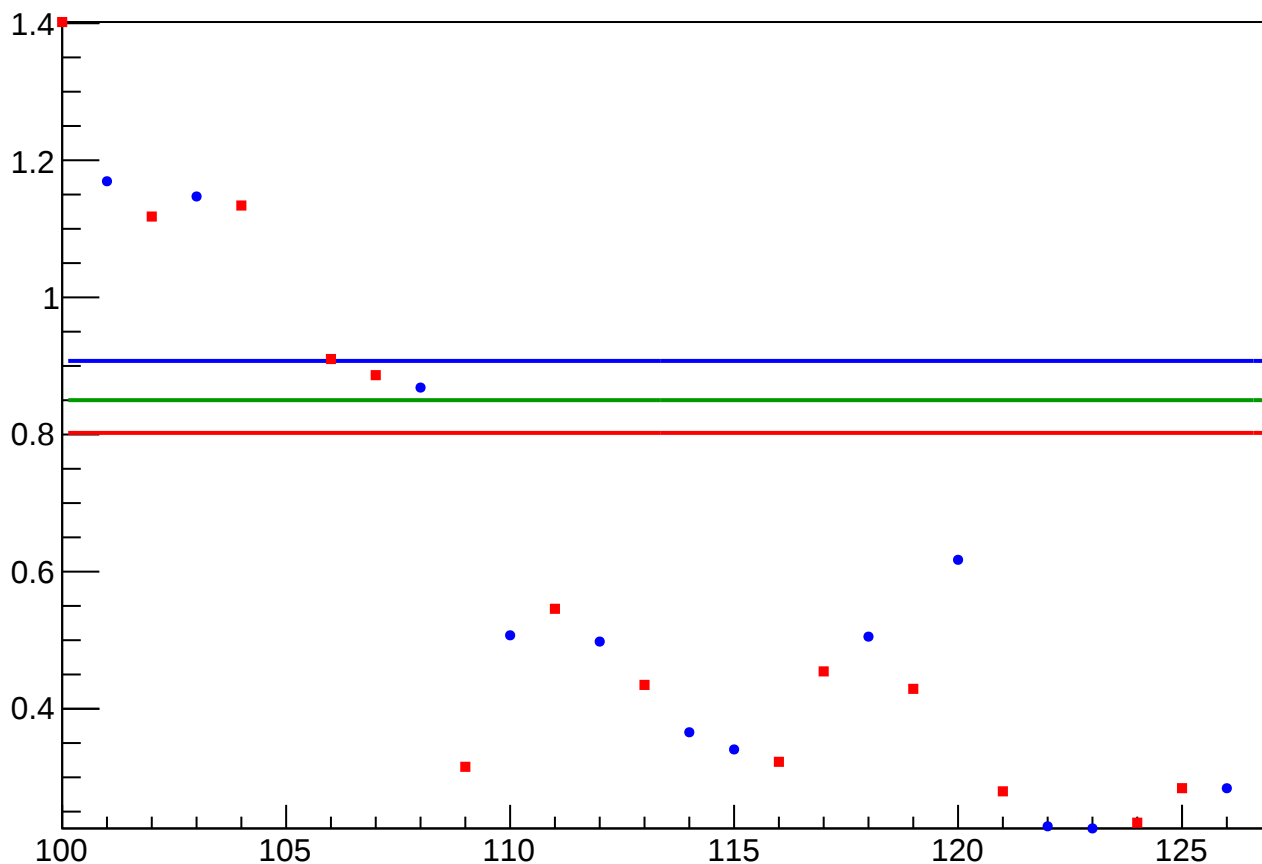
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 135919.2/11

0.004+/-0.000 χ^2/NDF : 364867.8/26

0.003+/-0.000 χ^2/NDF : 218709.7/14

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.907 $\pm$ 0.000 χ^2 /NDF: 13019184988.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.802 $\pm$ 0.000 χ^2 /NDF: 17655065045.9/14

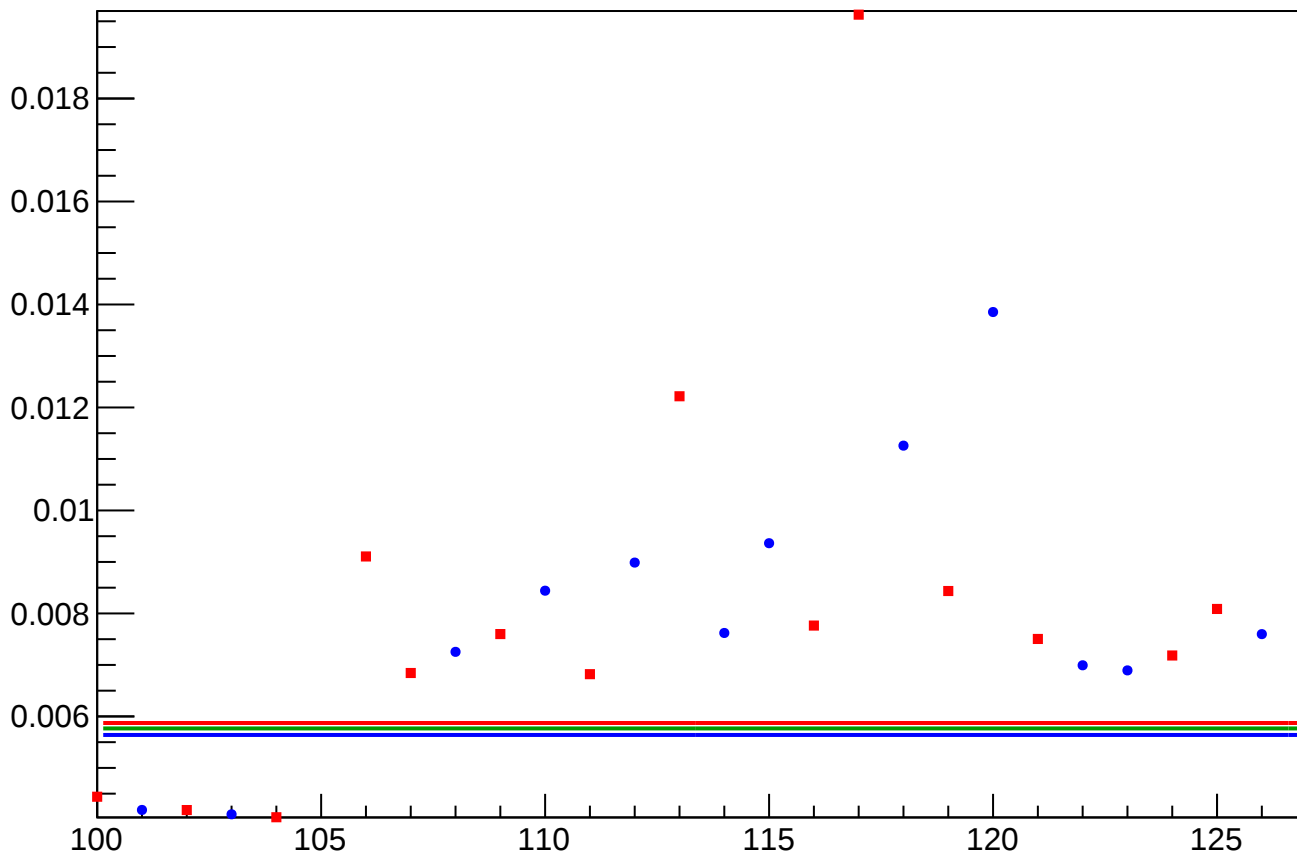
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.907 $\pm$ 0.000 χ^2 /NDF: 13019184988.7/11

0.850 $\pm$ 0.000 χ^2 /NDF: 31283380692.1/2

0.802 $\pm$ 0.000 χ^2 /NDF: 17655065045.9/14

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1003671.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 933966.0/14

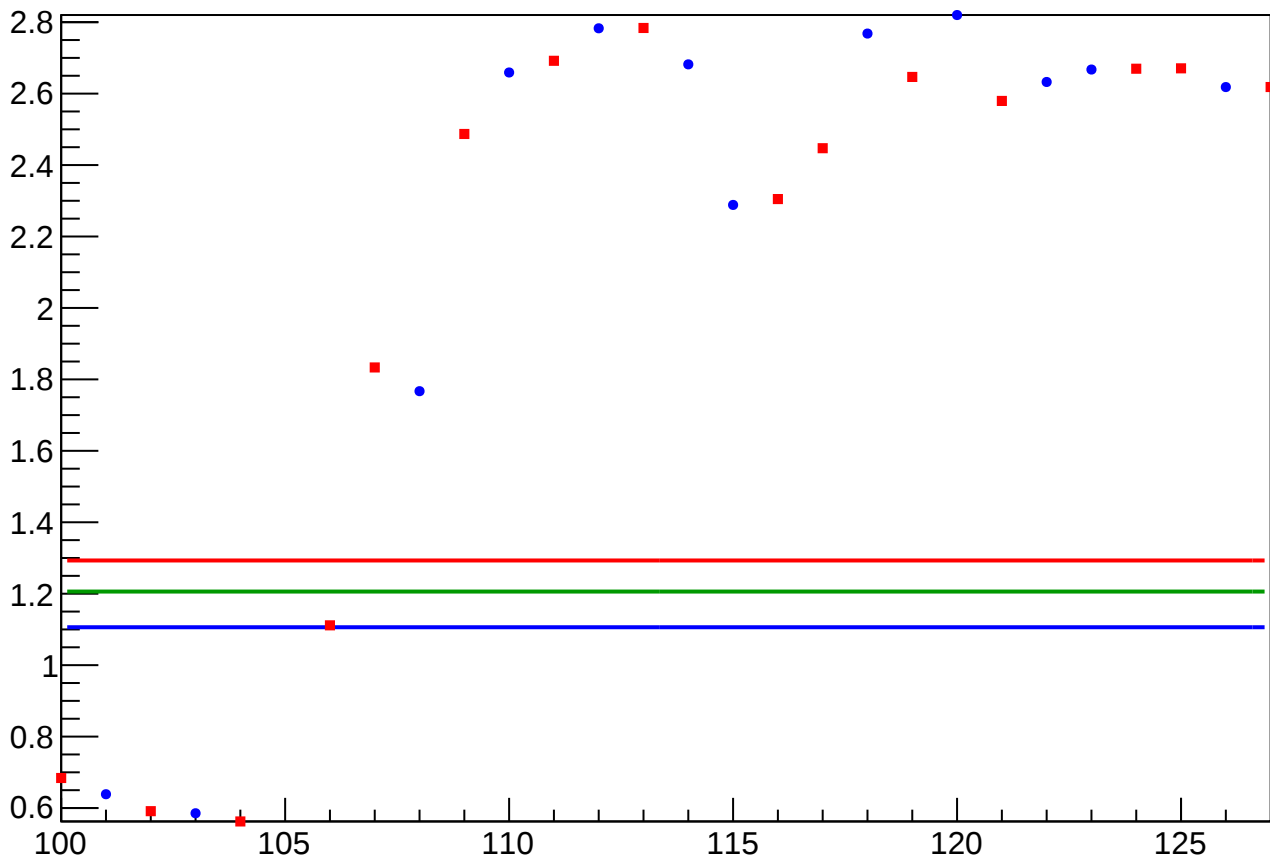
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1003671.9/11

0.006+/-0.000 χ^2/NDF : 1943597.4/26

0.006+/-0.000 χ^2/NDF : 933966.0/14

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.106+/-0.000 χ^2/NDF : 77799875259.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.106+/-0.000 χ^2/NDF : 77799875259.0/11

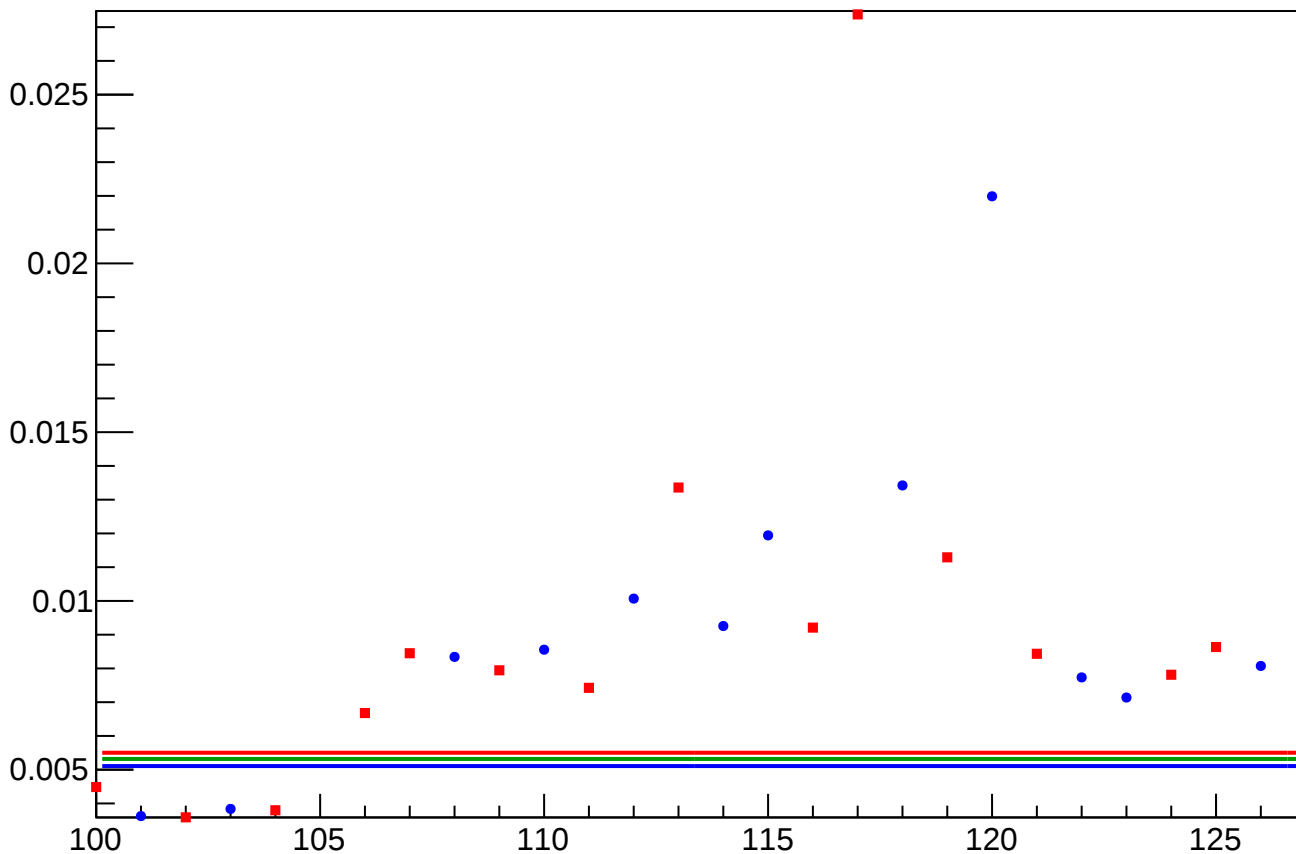
1.206+/-0.000 χ^2/NDF : 188486998578.5/14

Right Out: 1.293+/-0.000 χ^2/NDF : 108663676383.0/14

1.293+/-0.000 χ^2/NDF : 108663676383.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1482049.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1460555.7/14

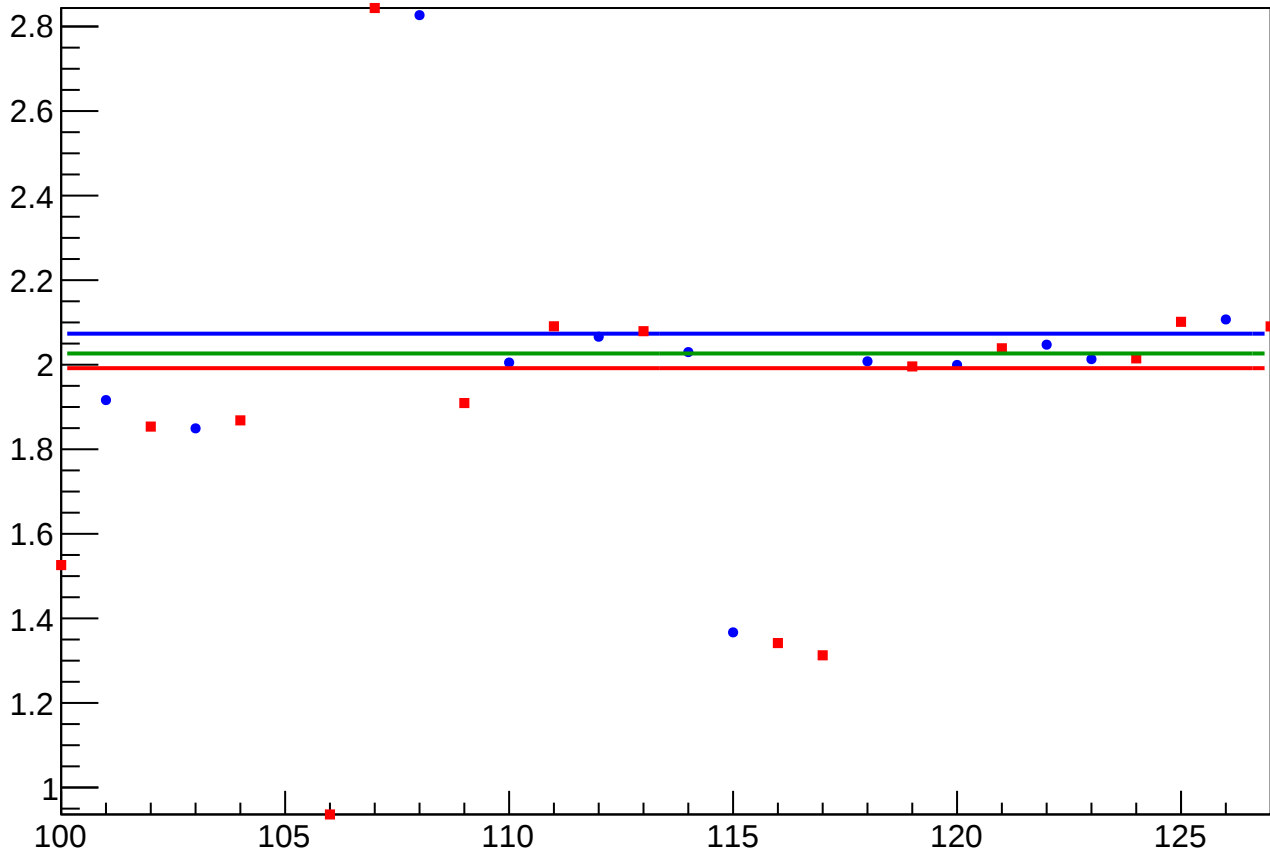
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1482049.0/11

0.005+/-0.000 χ^2/NDF : 2960694.9/26

0.006+/-0.000 χ^2/NDF : 1460555.7/14

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.073+/-0.000 χ^2/NDF : 7402153346.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.992+/-0.000 χ^2/NDF : 15627499328.7/14

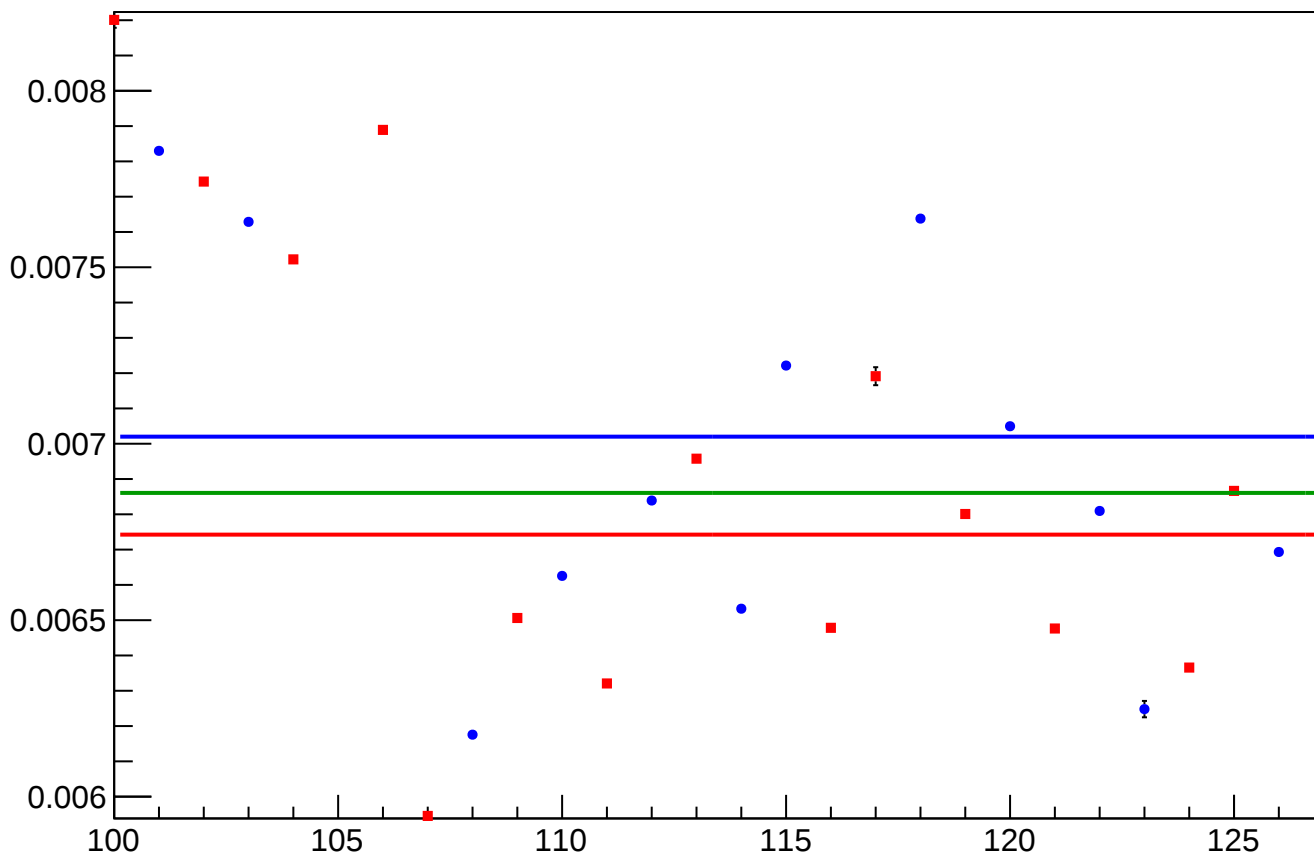
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.073+/-0.000 χ^2/NDF : 7402153346.1/11

2.027+/-0.000 χ^2/NDF : 23341783283.3/2

1.992+/-0.000 χ^2/NDF : 15627499328.7/14

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 46183.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 70225.4/14

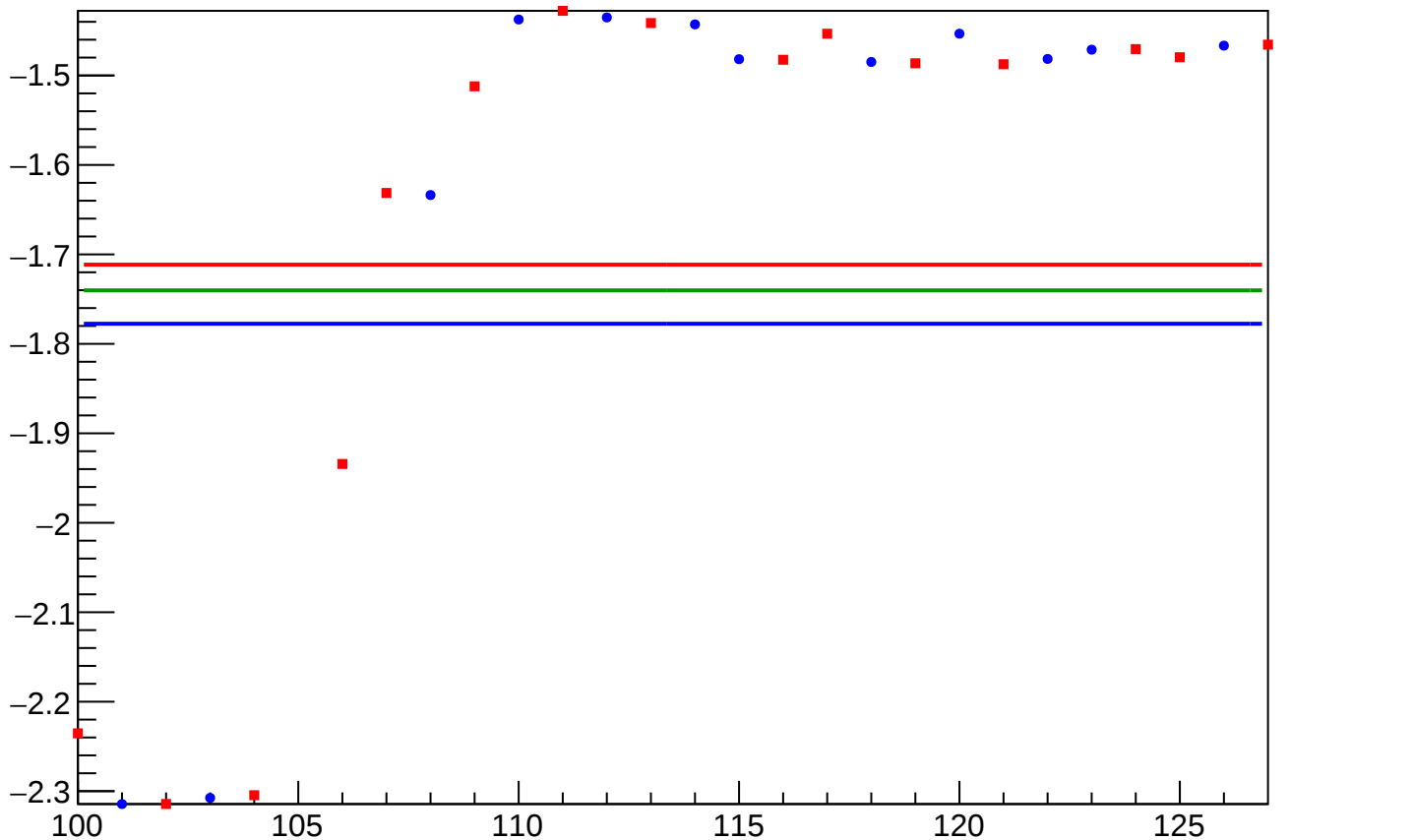
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 46183.0/11

0.007+/-0.000 χ^2/NDF : 123628.3/26

0.007+/-0.000 χ^2/NDF : 70225.4/14

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.778+/-0.000 χ^2/NDF : 85893286707.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.711+/-0.000 χ^2/NDF : 91493830953.5/14

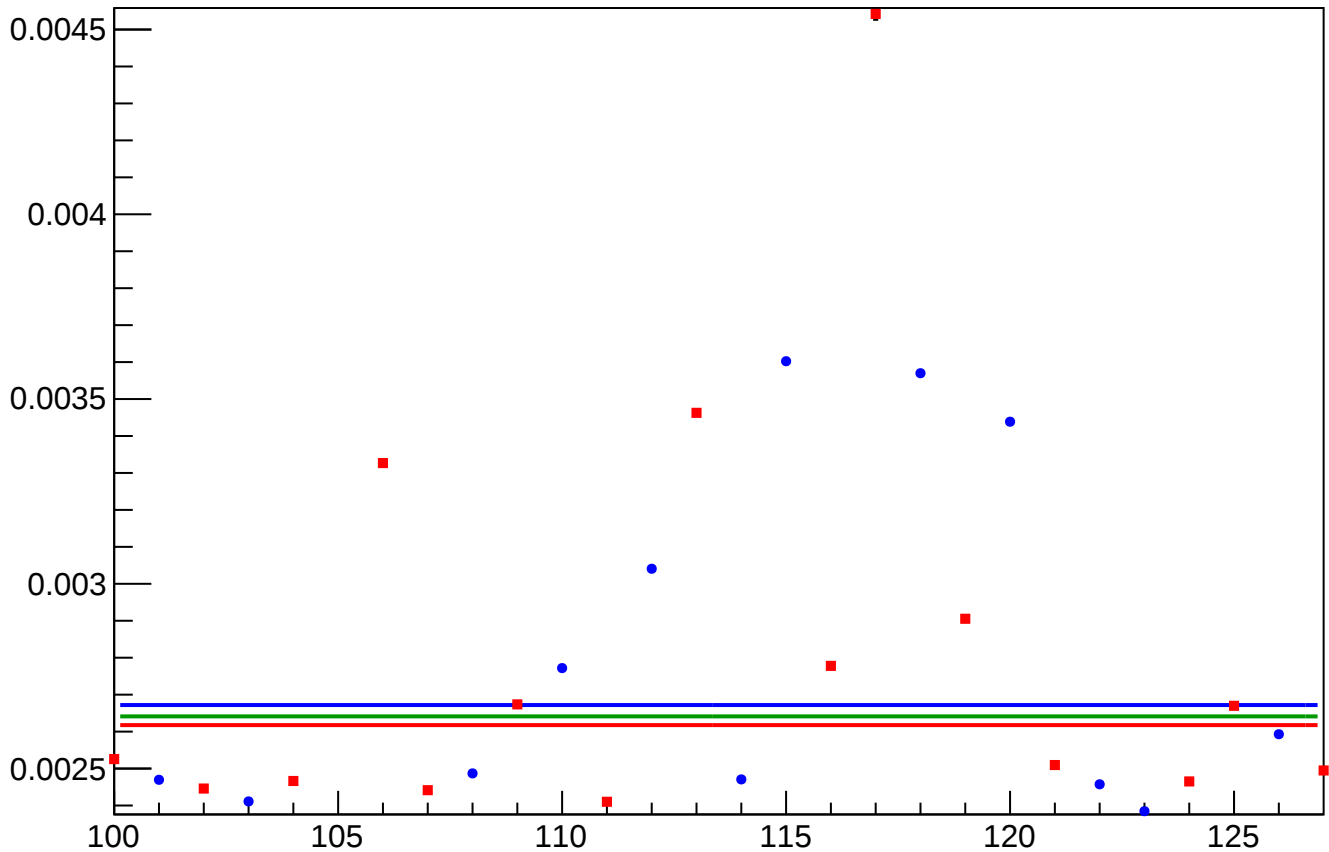
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.778+/-0.000 χ^2/NDF : 85893286707.7/11

-1.740+/-0.000 χ^2/NDF : 178744607505.0

-1.711+/-0.000 χ^2/NDF : 91493830953.5/14

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 147983.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 116941.3/14

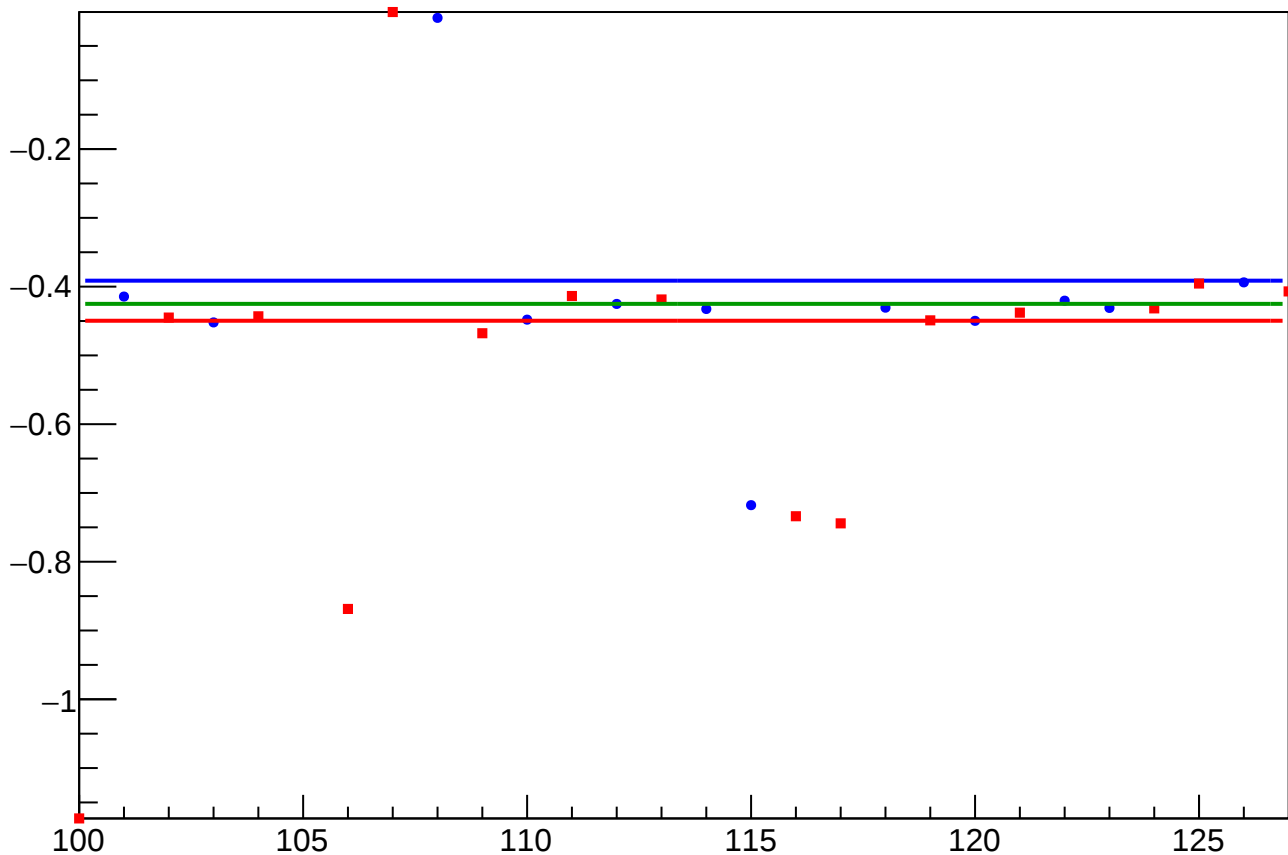
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 147983.4/11

0.003+/-0.000 χ^2/NDF : 266756.7/26

0.003+/-0.000 χ^2/NDF : 116941.3/14

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.391+/-0.000 χ^2/NDF : 657211620.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.450+/-0.000 χ^2/NDF : 1649167074.1/14

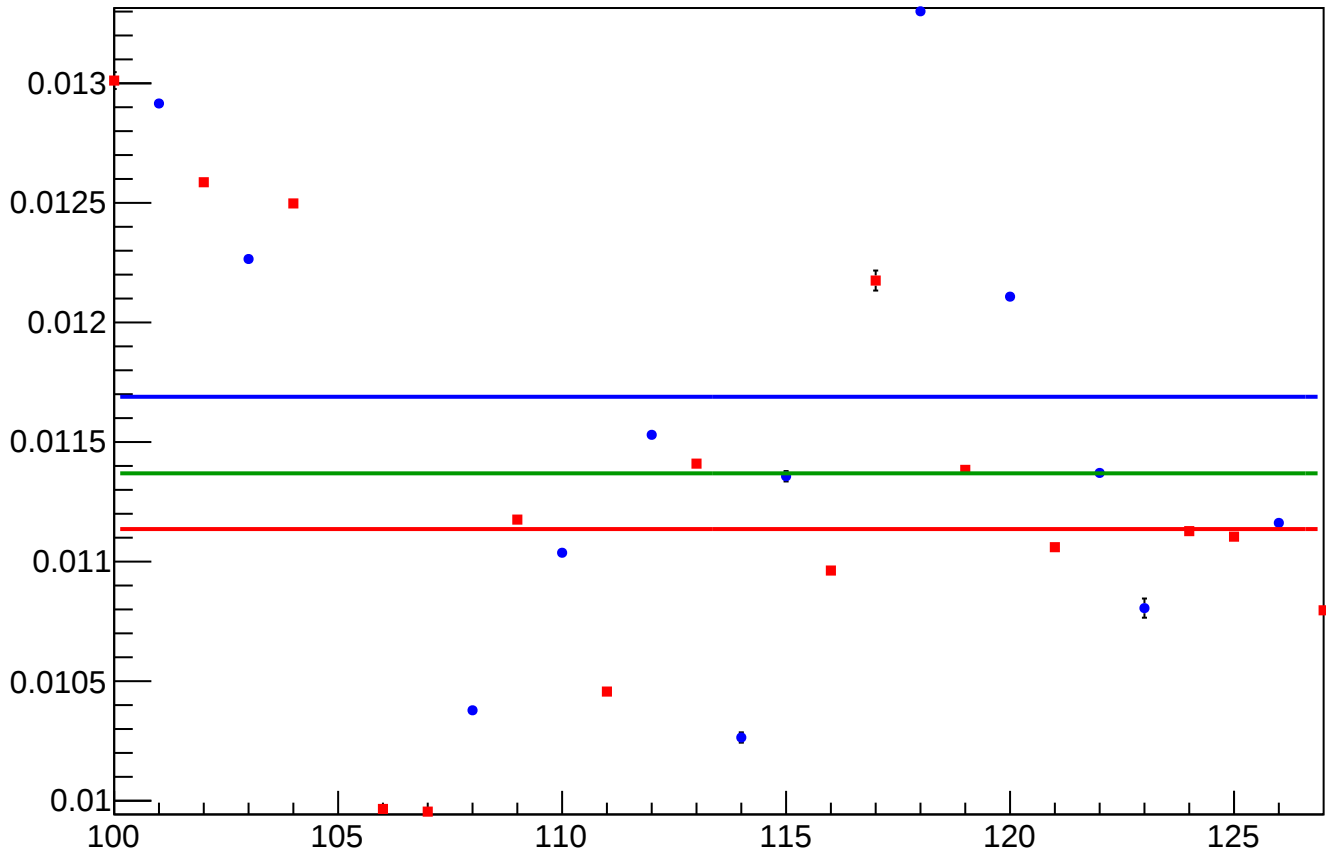
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.391+/-0.000 χ^2/NDF : 657211620.7/11

-0.425+/-0.000 χ^2/NDF : 2365696930.4/20

-0.450+/-0.000 χ^2/NDF : 1649167074.1/14

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 49002.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 52417.2/14

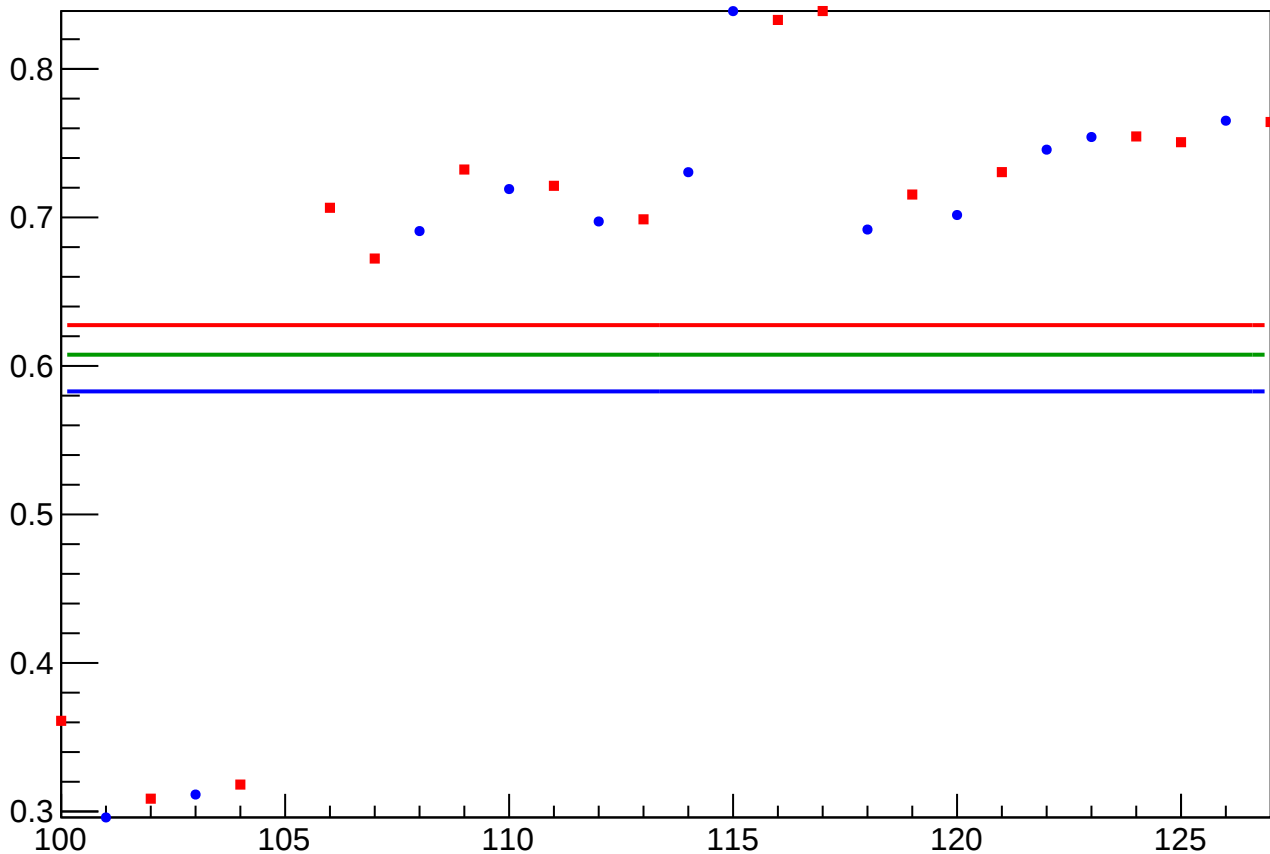
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 49002.2/11

0.011+/-0.000 χ^2/NDF : 112112.2/26

0.011+/-0.000 χ^2/NDF : 52417.2/14

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.583+/-0.000 χ^2/NDF : 23666985577.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.583+/-0.000 χ^2/NDF : 23666985577.3/11

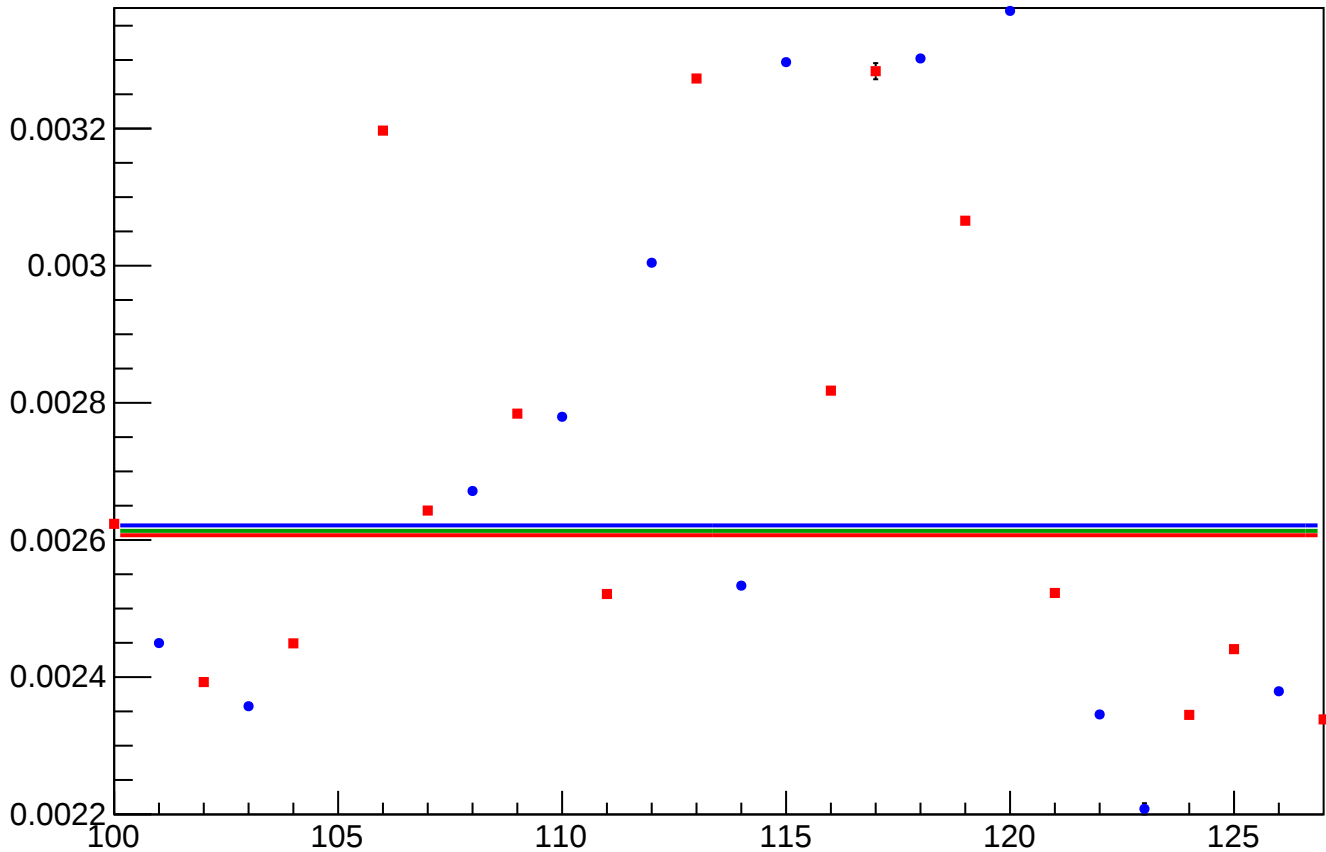
0.608+/-0.000 χ^2/NDF : 49027186497.9/2

Right Out: 0.627+/-0.000 χ^2/NDF : 24720226682.8/14

0.627+/-0.000 χ^2/NDF : 24720226682.8/14

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 : 136237.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 110262.1/14

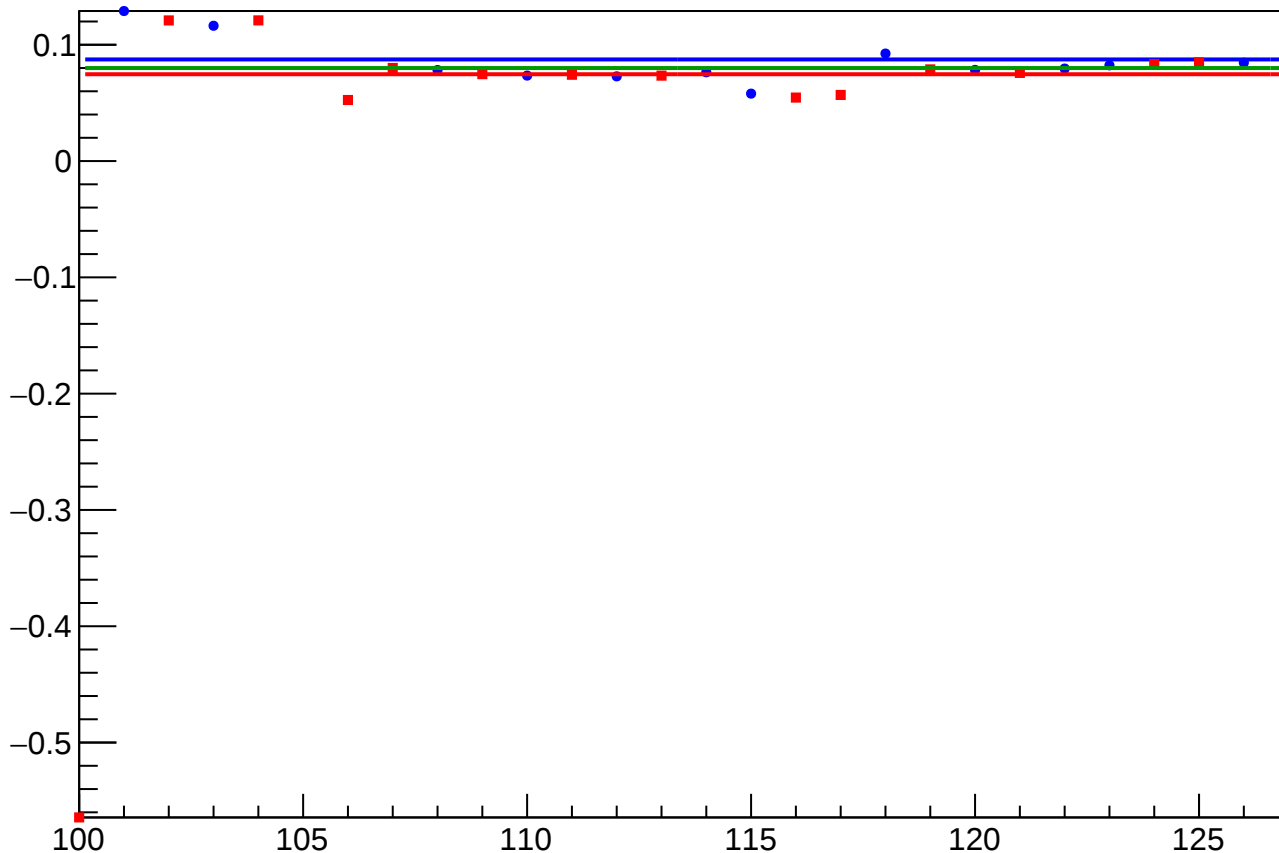
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 136237.9/11

0.003+/-0.000 χ^2/NDF : 246631.8/26

0.003+/-0.000 χ^2/NDF : 110262.1/14

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 14889581.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.075+/-0.000 χ^2/NDF : 221669581.0/14

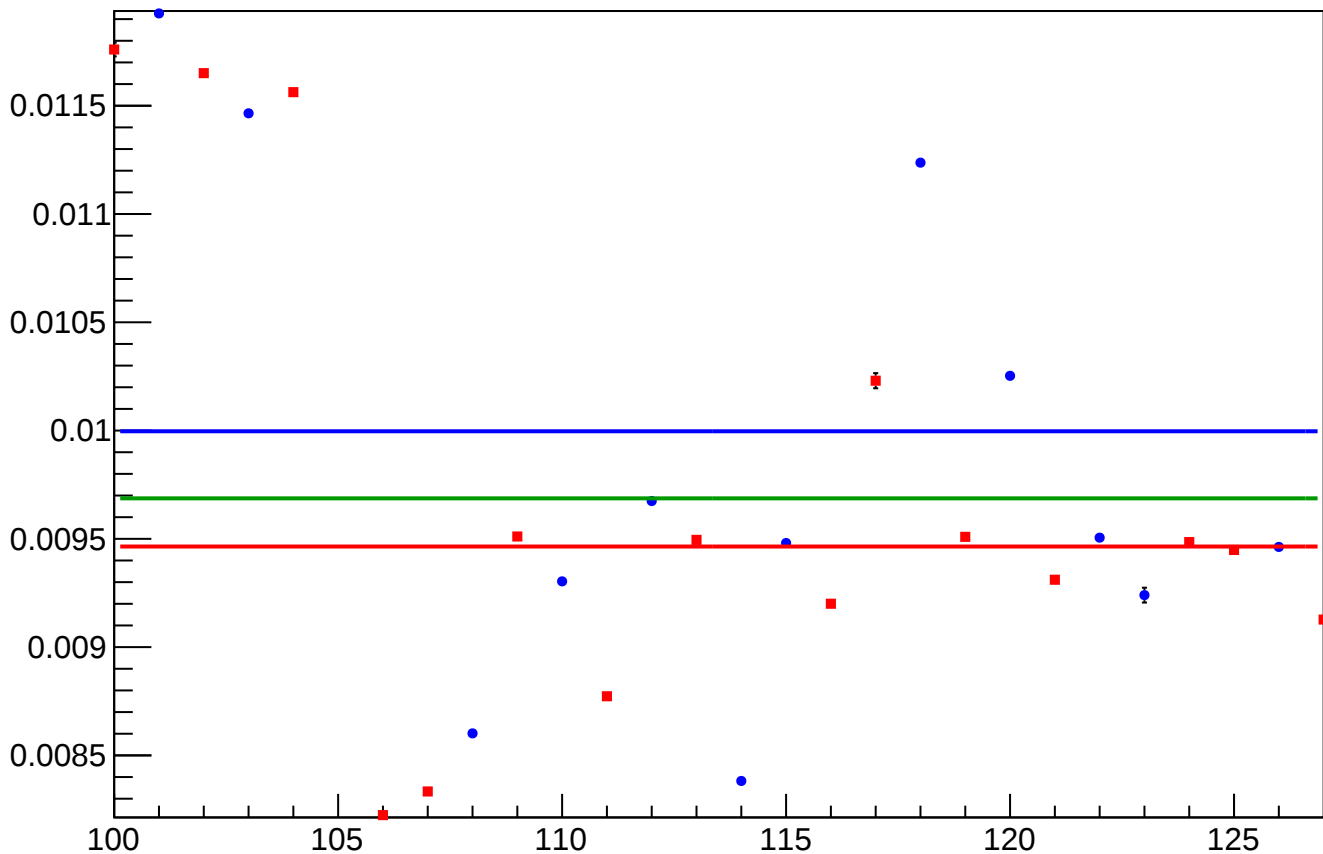
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 14889581.8/11

0.080+/-0.000 χ^2/NDF : 240424538.4/26

0.075+/-0.000 χ^2/NDF : 221669581.0/14

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 98439.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 107970.0/14

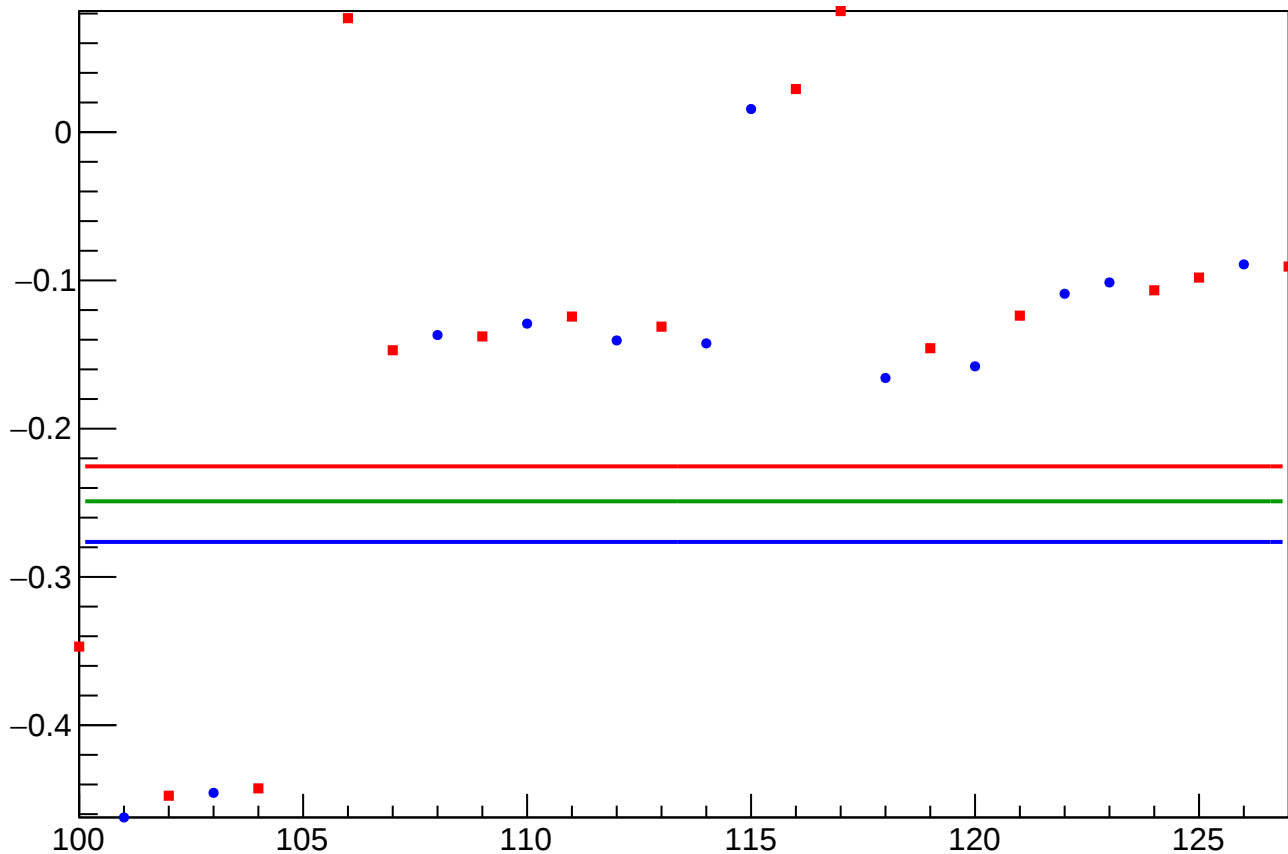
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 98439.4/11

0.010+/-0.000 χ^2/NDF : 219922.0/26

0.009+/-0.000 χ^2/NDF : 107970.0/14

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.276+/-0.000 χ^2/NDF : 5291202907.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.225+/-0.000 χ^2/NDF : 6449692811.8/14

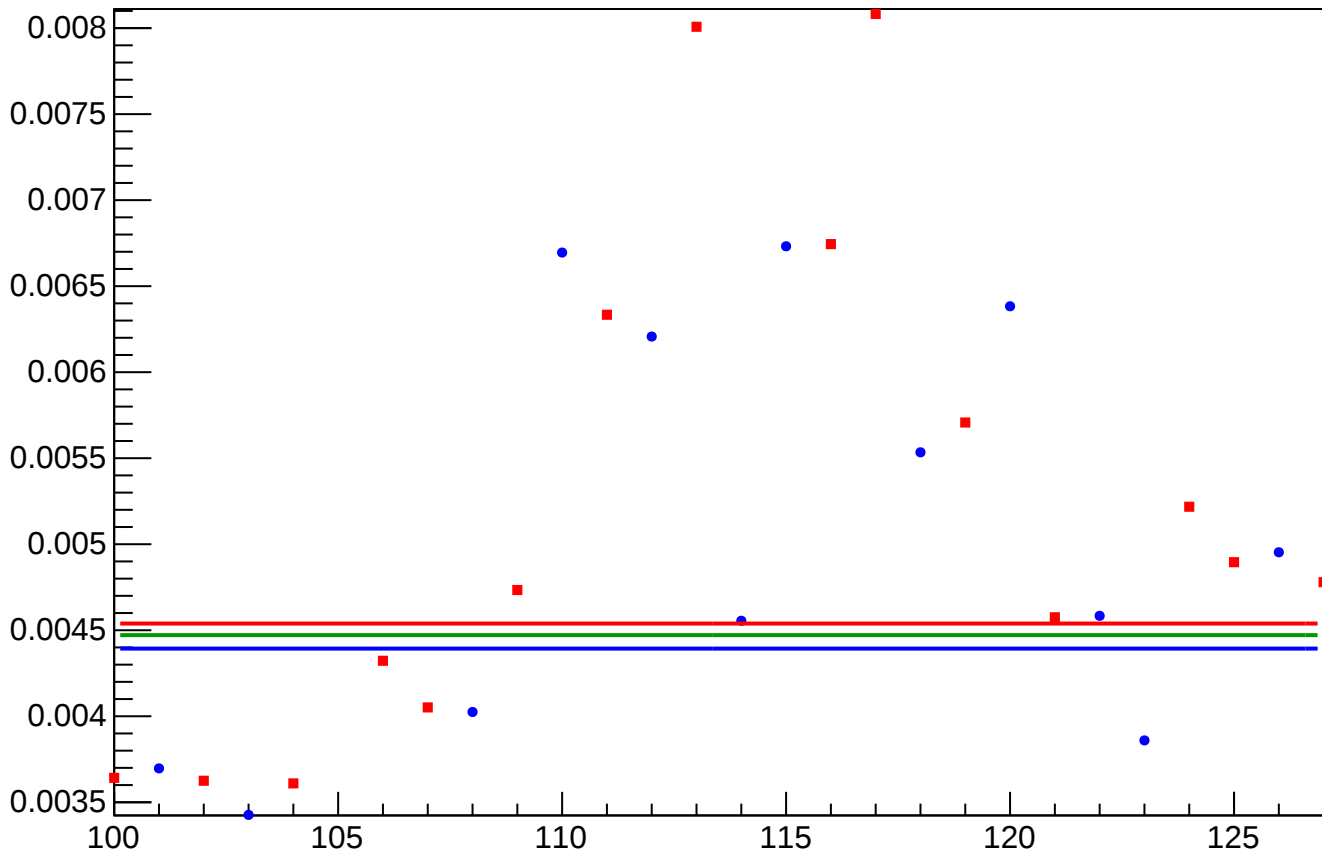
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.276+/-0.000 χ^2/NDF : 5291202907.8/11

-0.249+/-0.000 χ^2/NDF : 12012209372.6/14

-0.225+/-0.000 χ^2/NDF : 6449692811.8/14

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 417669.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 484191.1/14

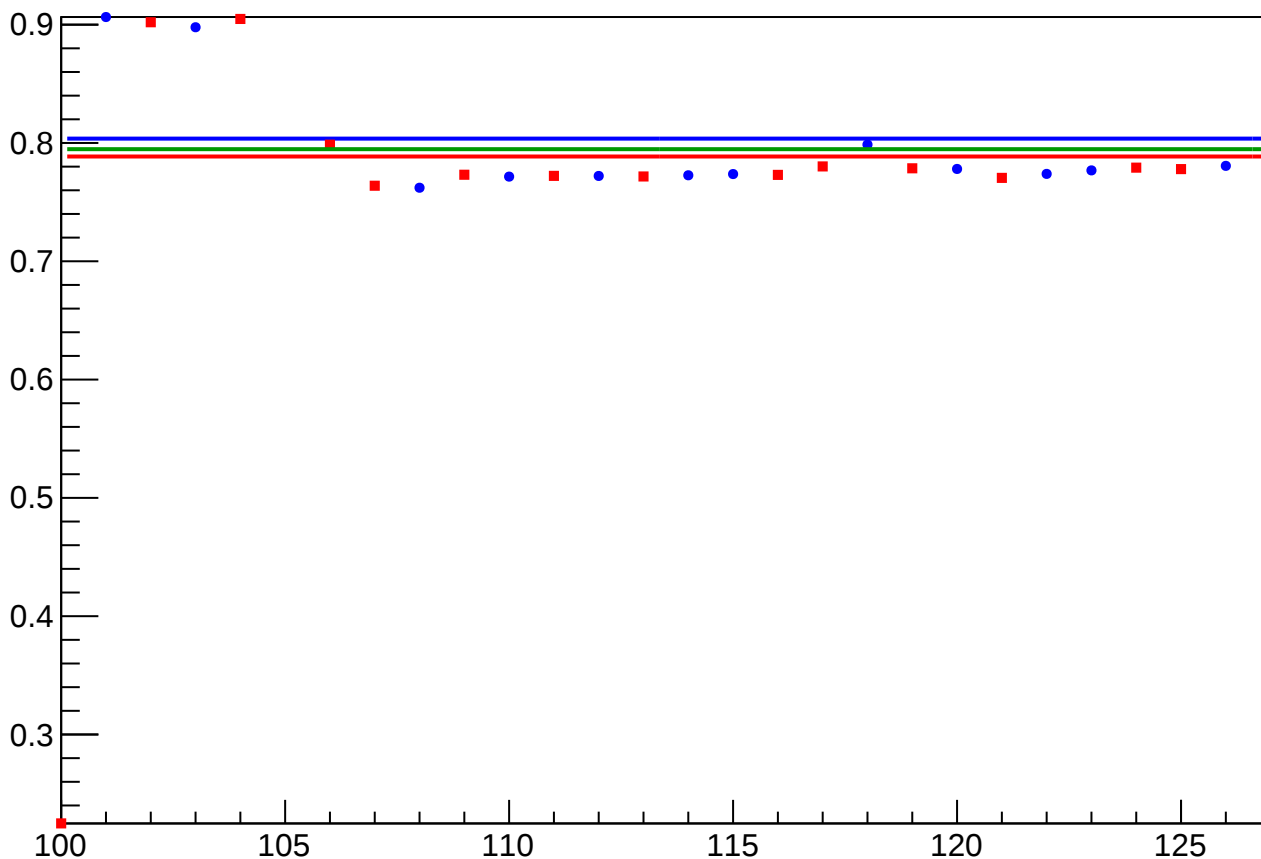
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 417669.8/11

0.004+/-0.000 χ^2/NDF : 906287.5/26

0.005+/-0.000 χ^2/NDF : 484191.1/14

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.804+/-0.000 χ^2/NDF : 92528058.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.789+/-0.000 χ^2/NDF : 239251616.3/14

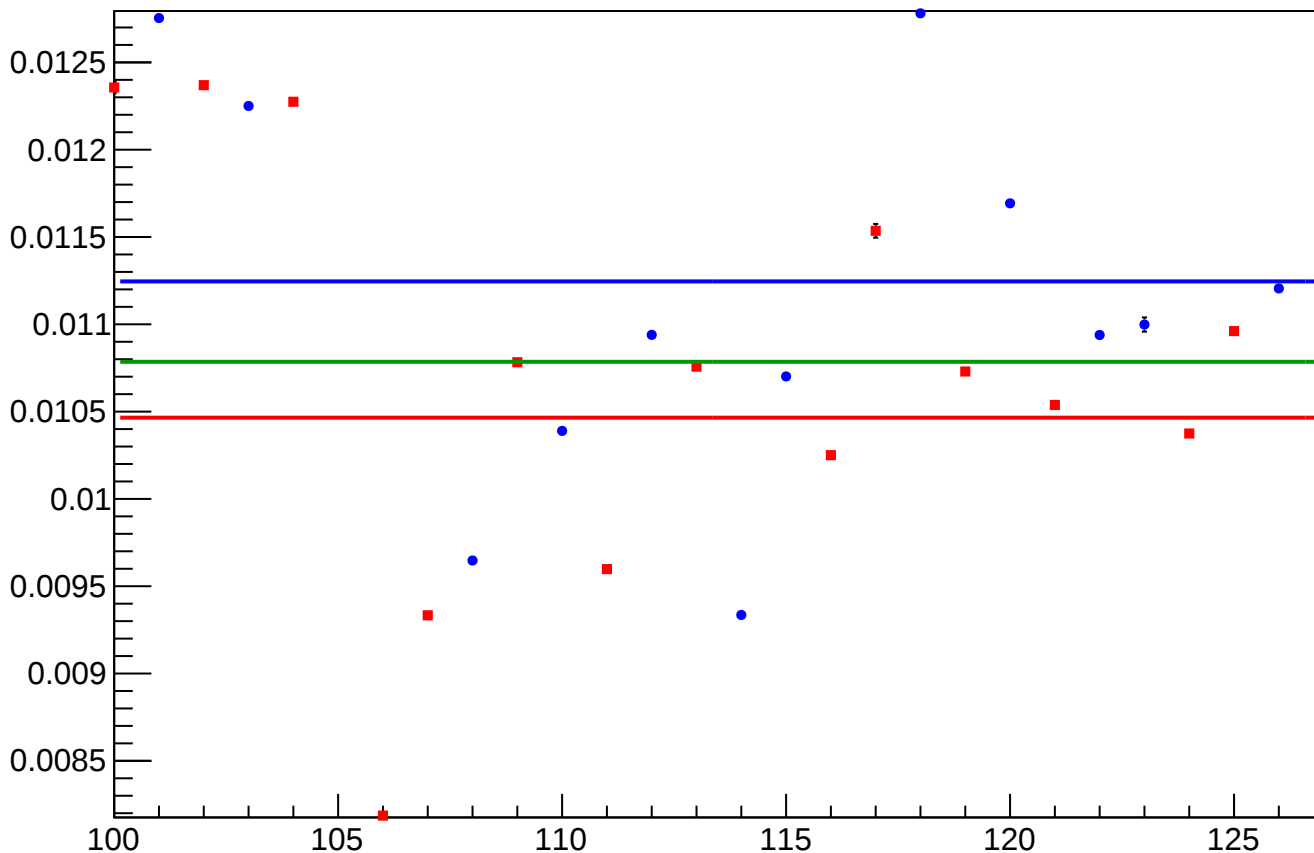
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.804+/-0.000 χ^2/NDF : 92528058.9/11

0.795+/-0.000 χ^2/NDF : 336153670.1/26

0.789+/-0.000 χ^2/NDF : 239251616.3/14

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 74223.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 116289.8/14

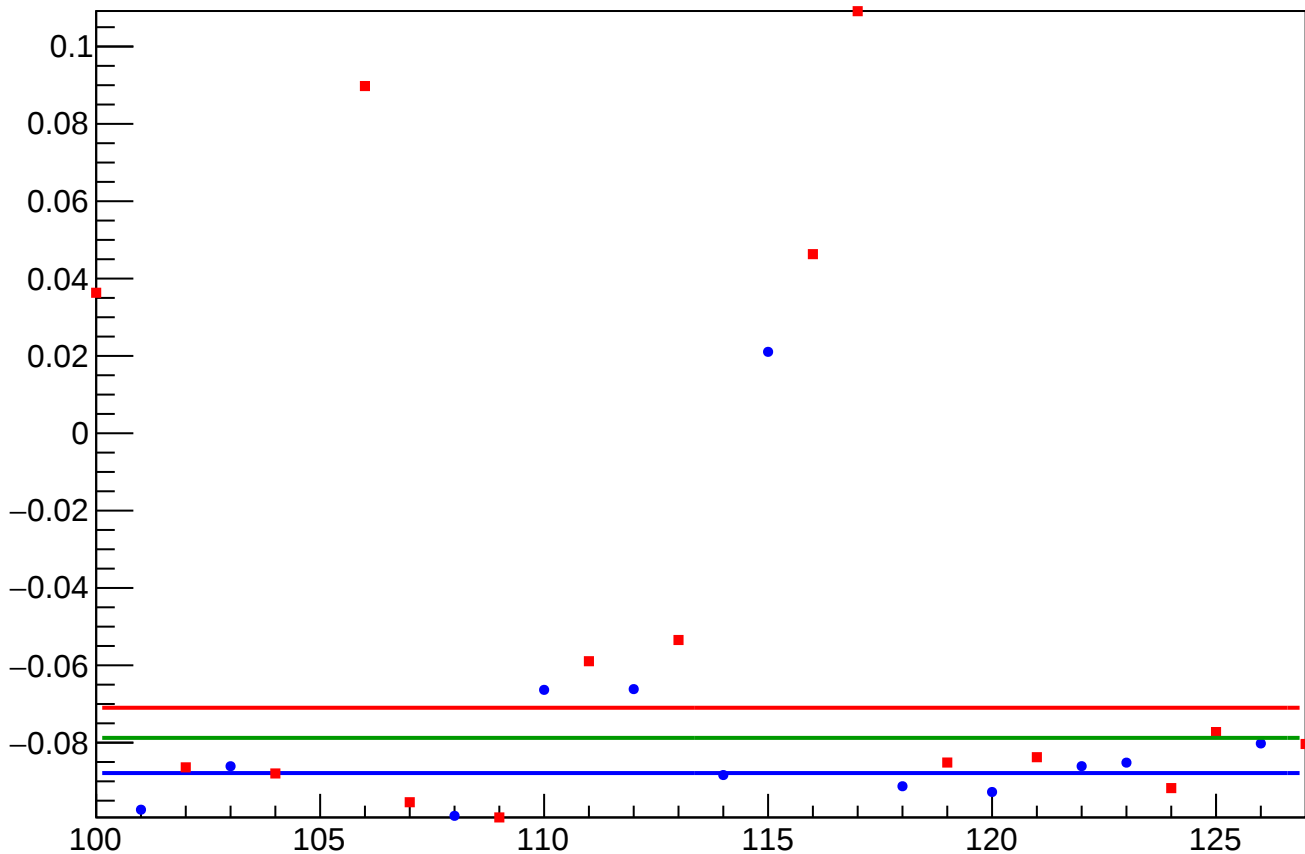
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 74223.6/11

0.011+/-0.000 χ^2/NDF : 213804.5/26

0.010+/-0.000 χ^2/NDF : 116289.8/14

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.000 χ^2/NDF : 35999479.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.000 χ^2/NDF : 444923342.8/14

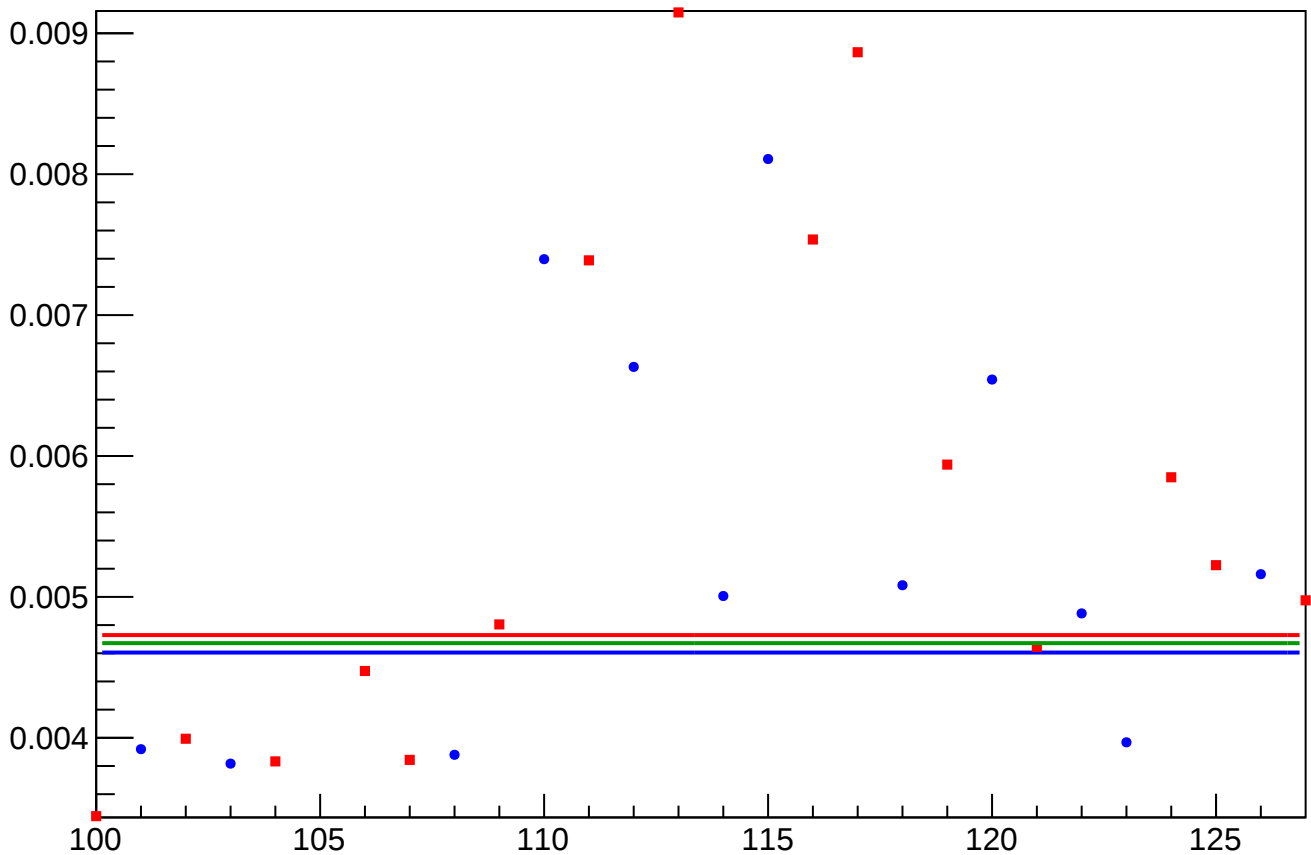
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.088+/-0.000 χ^2/NDF : 35999479.7/11

-0.079+/-0.000 χ^2/NDF : 507329625.8/26

-0.071+/-0.000 χ^2/NDF : 444923342.8/14

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 384593.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 568313.4/14

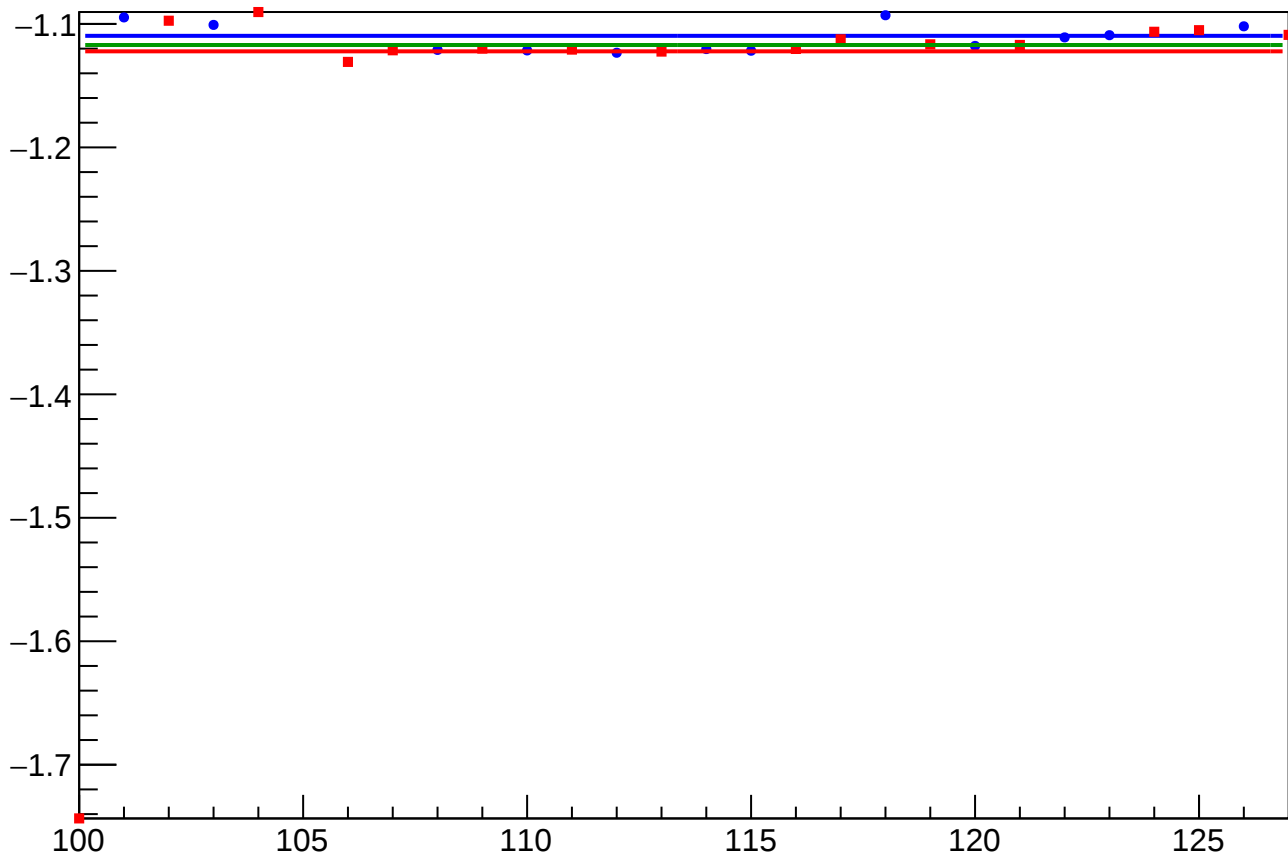
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 384593.9/11

0.005+/-0.000 χ^2/NDF : 955750.3/26

0.005+/-0.000 χ^2/NDF : 568313.4/14

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 3721734.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.122+/-0.000 χ^2/NDF : 206679765.9/14

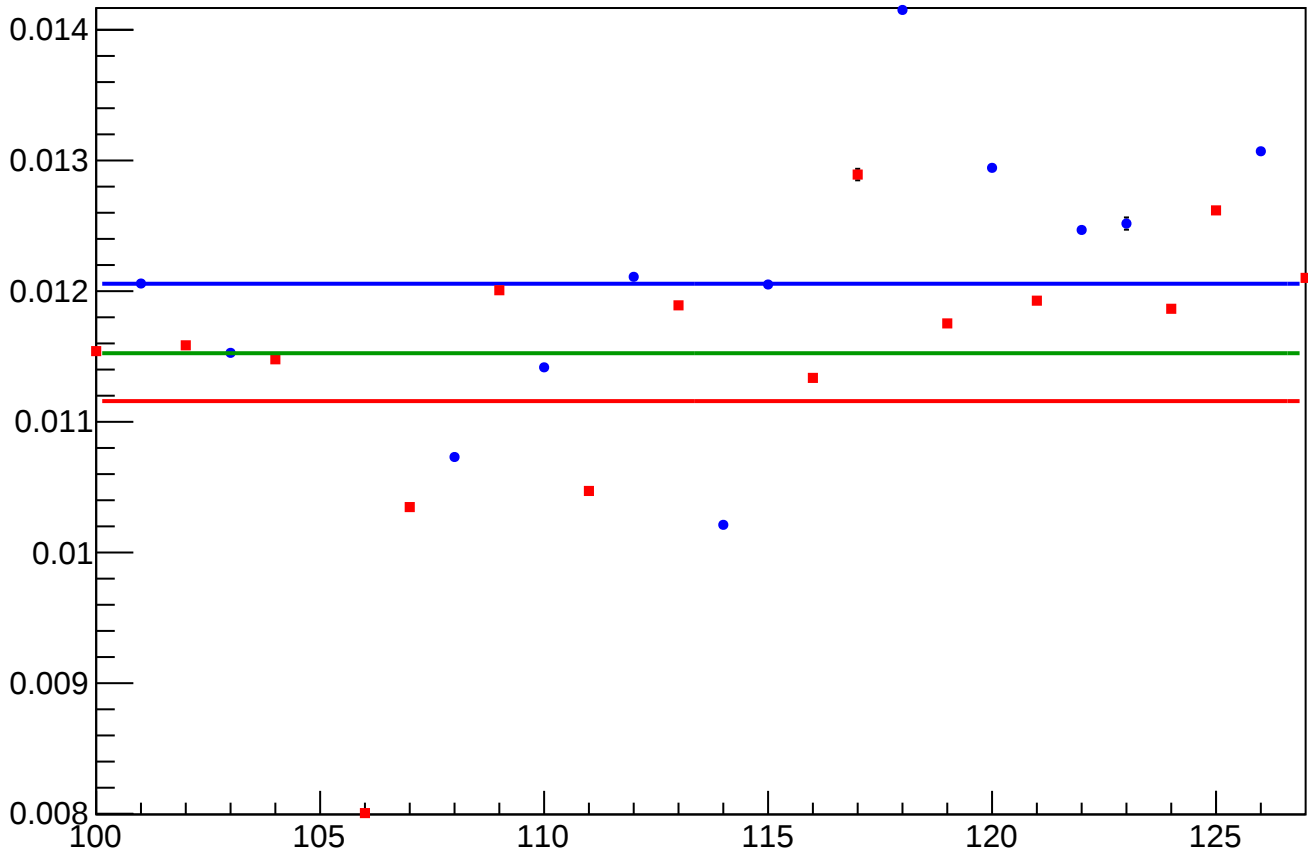
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.110+/-0.000 χ^2/NDF : 3721734.1/11

-1.117+/-0.000 χ^2/NDF : 213032262.0/26

-1.122+/-0.000 χ^2/NDF : 206679765.9/14

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 51765.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 132041.1/14

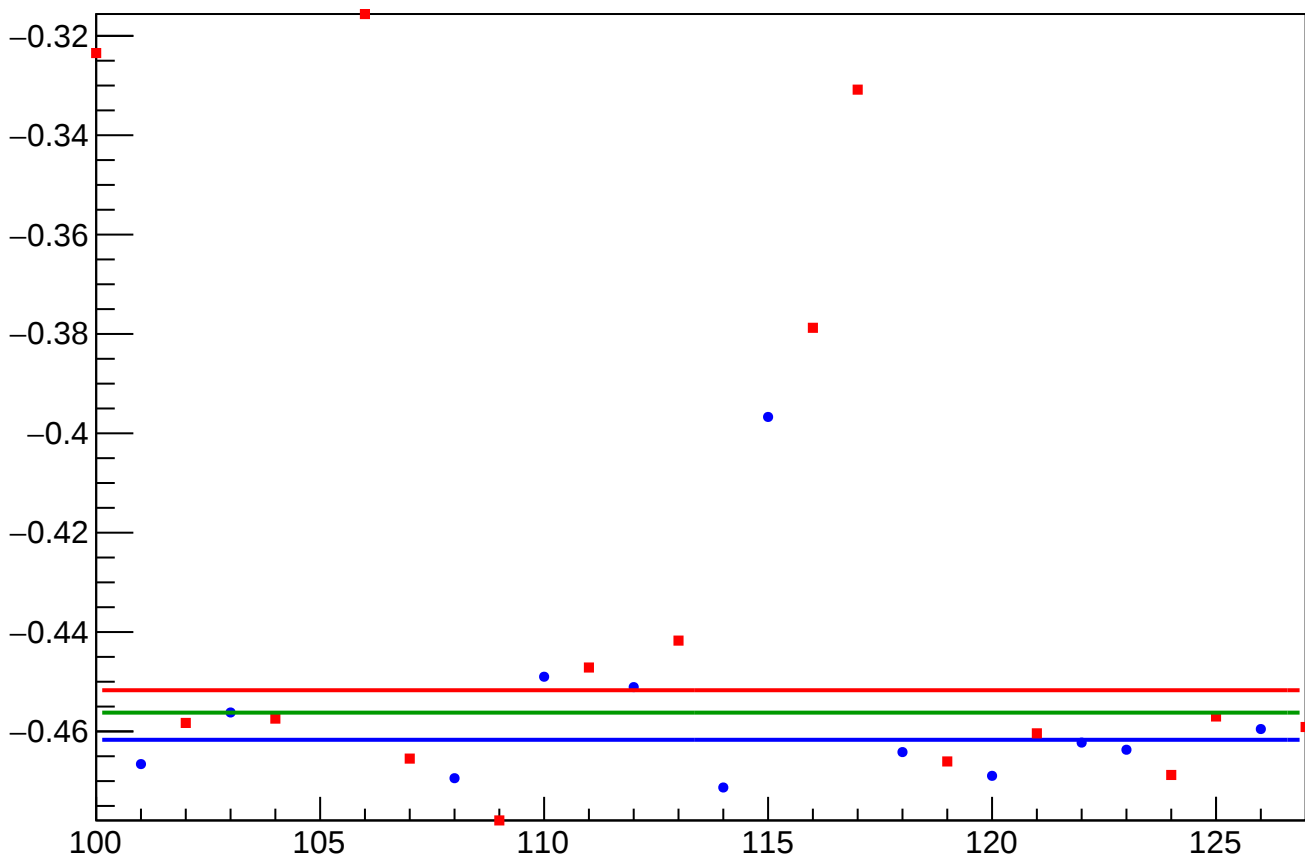
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 51765.6/11

0.012+/-0.000 χ^2/NDF : 210705.5/26

0.011+/-0.000 χ^2/NDF : 132041.1/14

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462 $\pm$ 0.000 χ^2 /NDF: 21442987.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.452 $\pm$ 0.000 χ^2 /NDF: 363900352.1/14

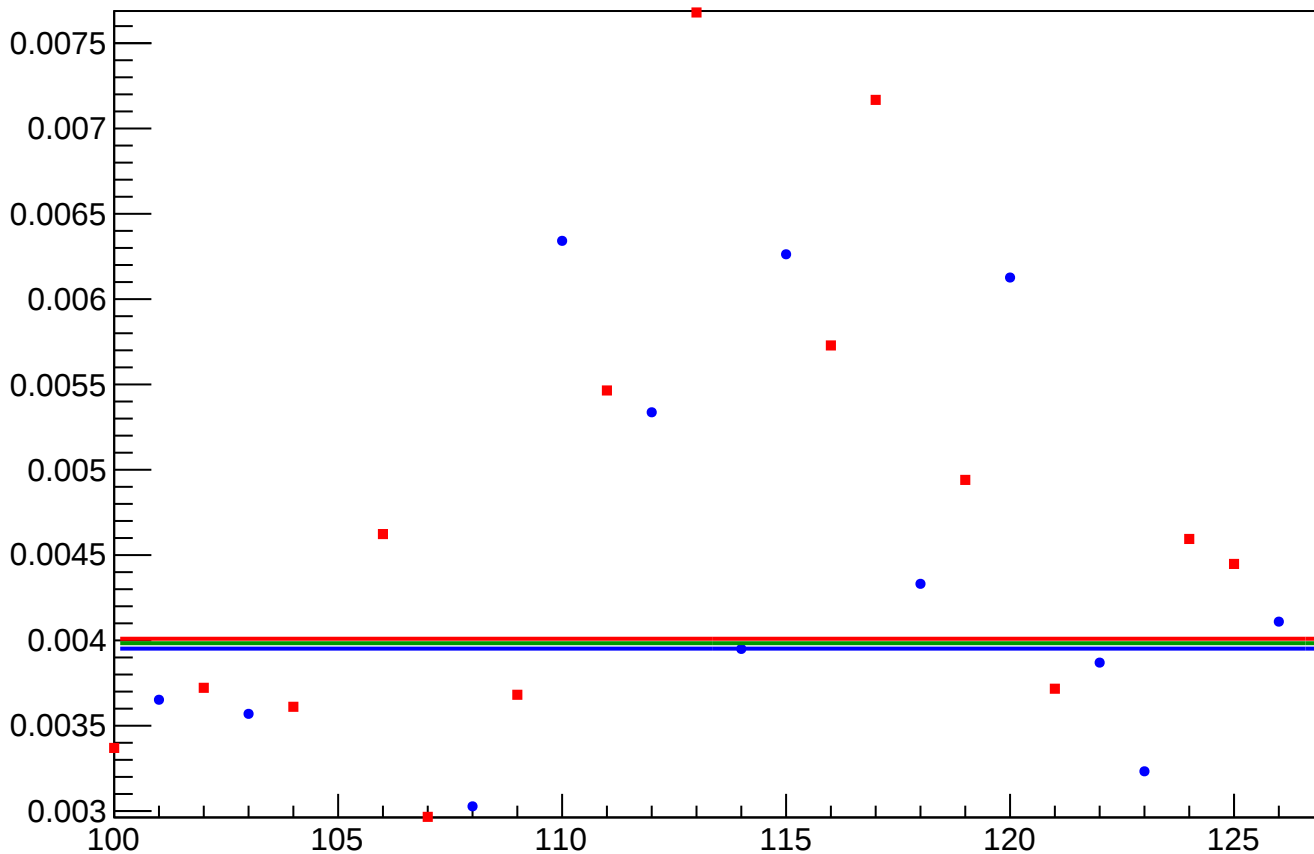
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.462 $\pm$ 0.000 χ^2 /NDF: 21442987.7/11

-0.456 $\pm$ 0.000 χ^2 /NDF: 397984437.4/26

-0.452 $\pm$ 0.000 χ^2 /NDF: 363900352.1/14

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 344449.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 464292.2/14

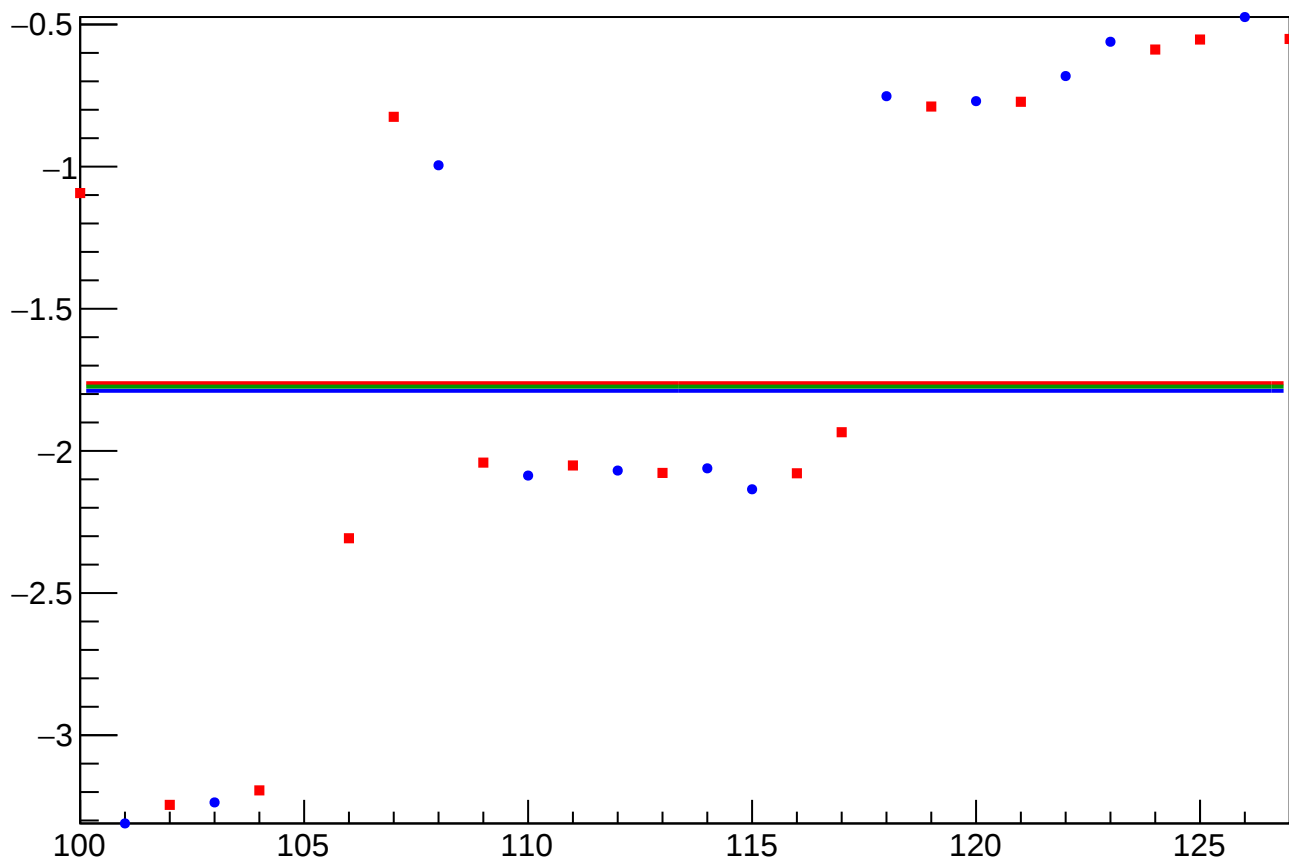
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 344449.2/11

0.004+/-0.000 χ^2/NDF : 809593.2/26

0.004+/-0.000 χ^2/NDF : 464292.2/14

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.788+/-0.000 χ^2/NDF : 940564695.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.762+/-0.000 χ^2/NDF : 922129169.1/14

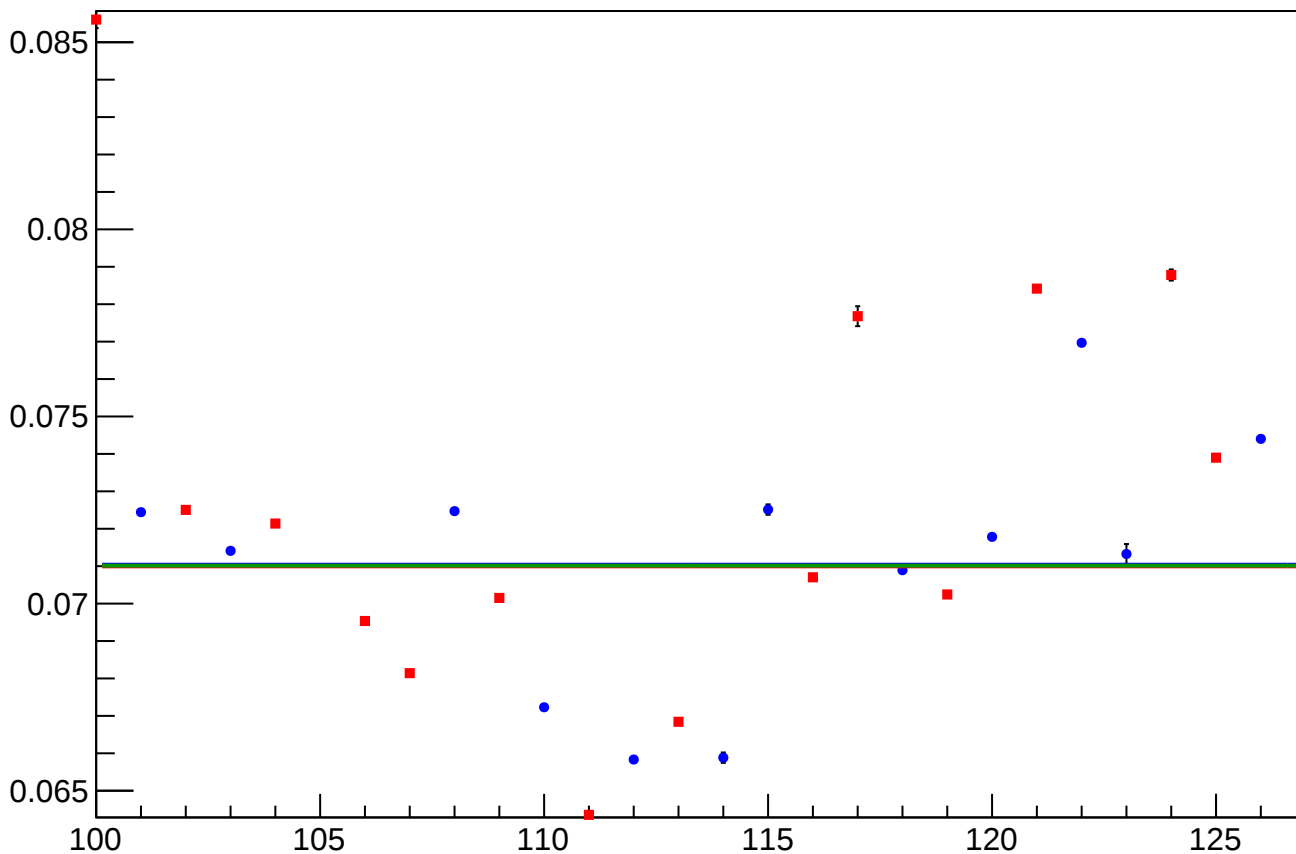
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-1.788+/-0.000 χ^2/NDF : 940564695.7/11

-1.774+/-0.000 χ^2/NDF : 1863021680.3/20

-1.762+/-0.000 χ^2/NDF : 922129169.1/14

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 16899.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 33222.7/14

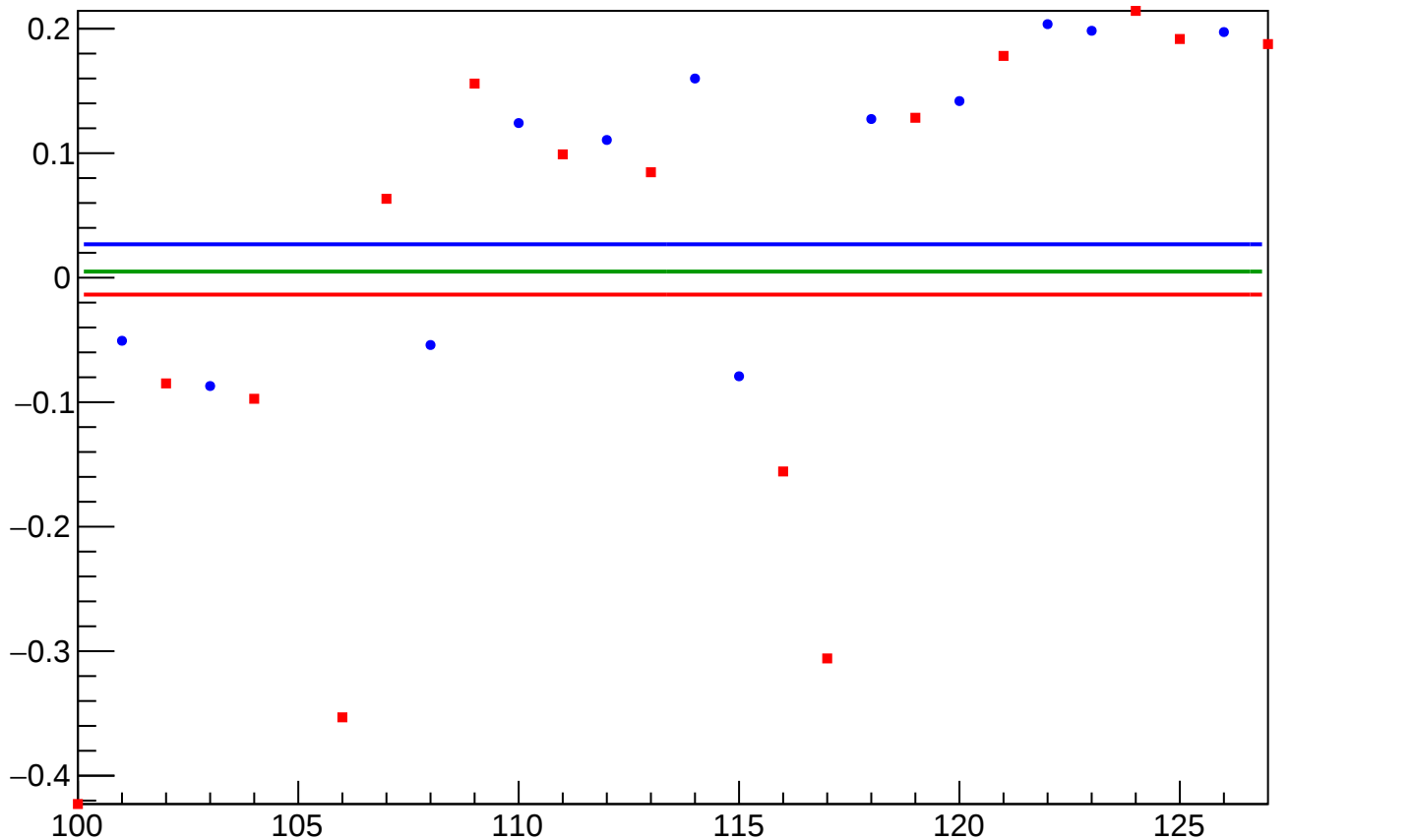
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 16899.7/11

0.071+/-0.000 χ^2/NDF : 50124.1/26

0.071+/-0.000 χ^2/NDF : 33222.7/14

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 364366300.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.000 χ^2/NDF : 364366300.3/11

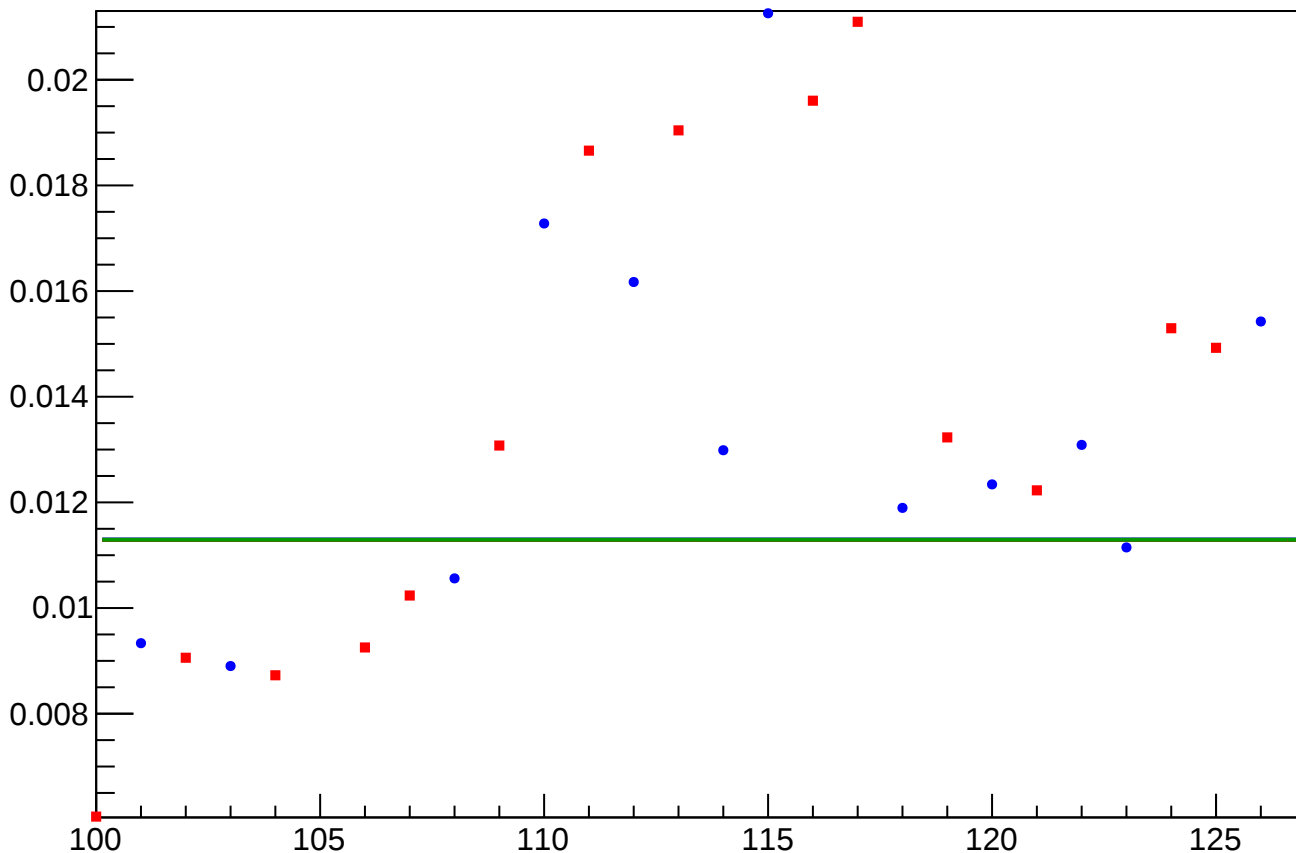
0.005+/-0.000 χ^2/NDF : 1500776217.3/26

Right Out: -0.014+/-0.000 χ^2/NDF : 1110380446.0/14

-0.014+/-0.000 χ^2/NDF : 1110380446.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 407782.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 759212.2/14

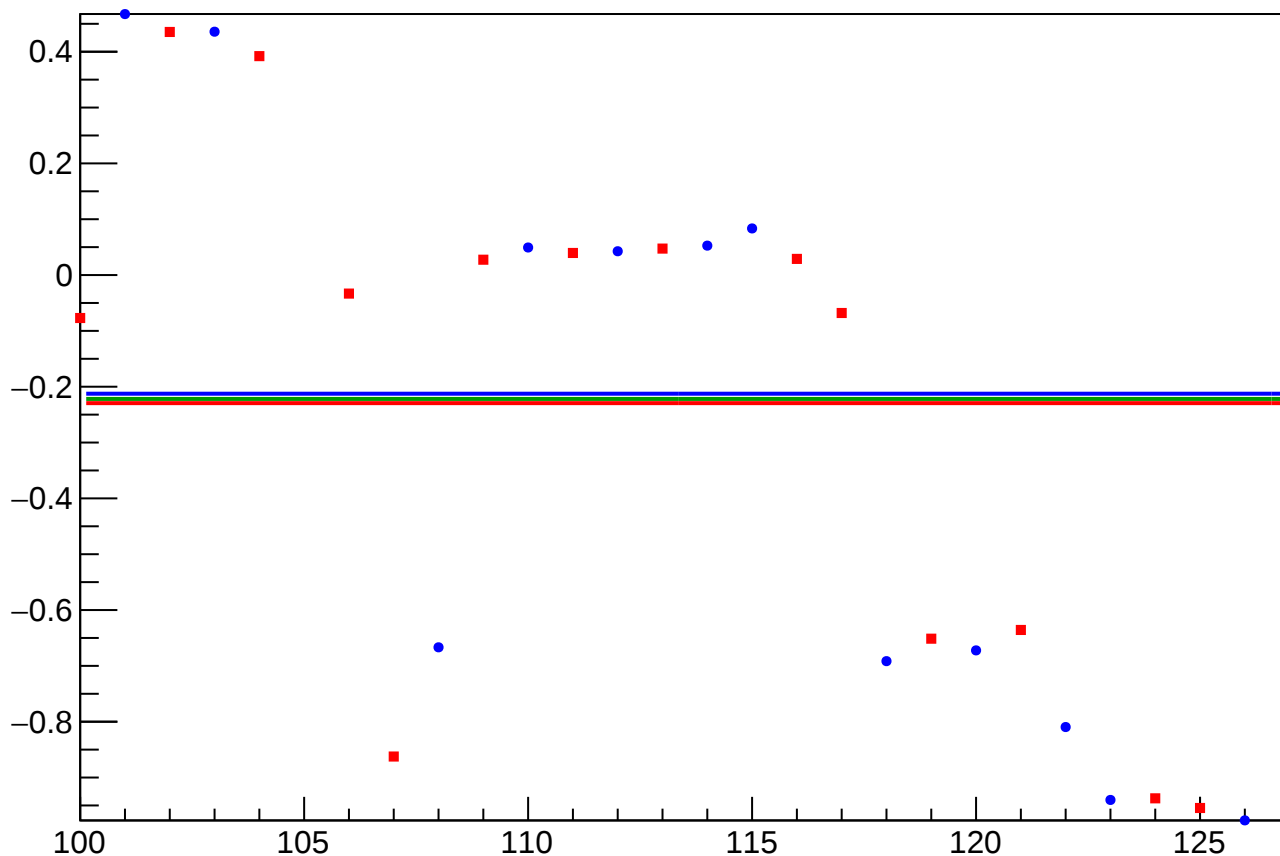
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 407782.9/11

0.011+/-0.000 χ^2/NDF : 1166997.0/26

0.011+/-0.000 χ^2/NDF : 759212.2/14

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.213+/-0.000 χ^2/NDF : 155170556.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.229+/-0.000 χ^2/NDF : 166292255.5/14

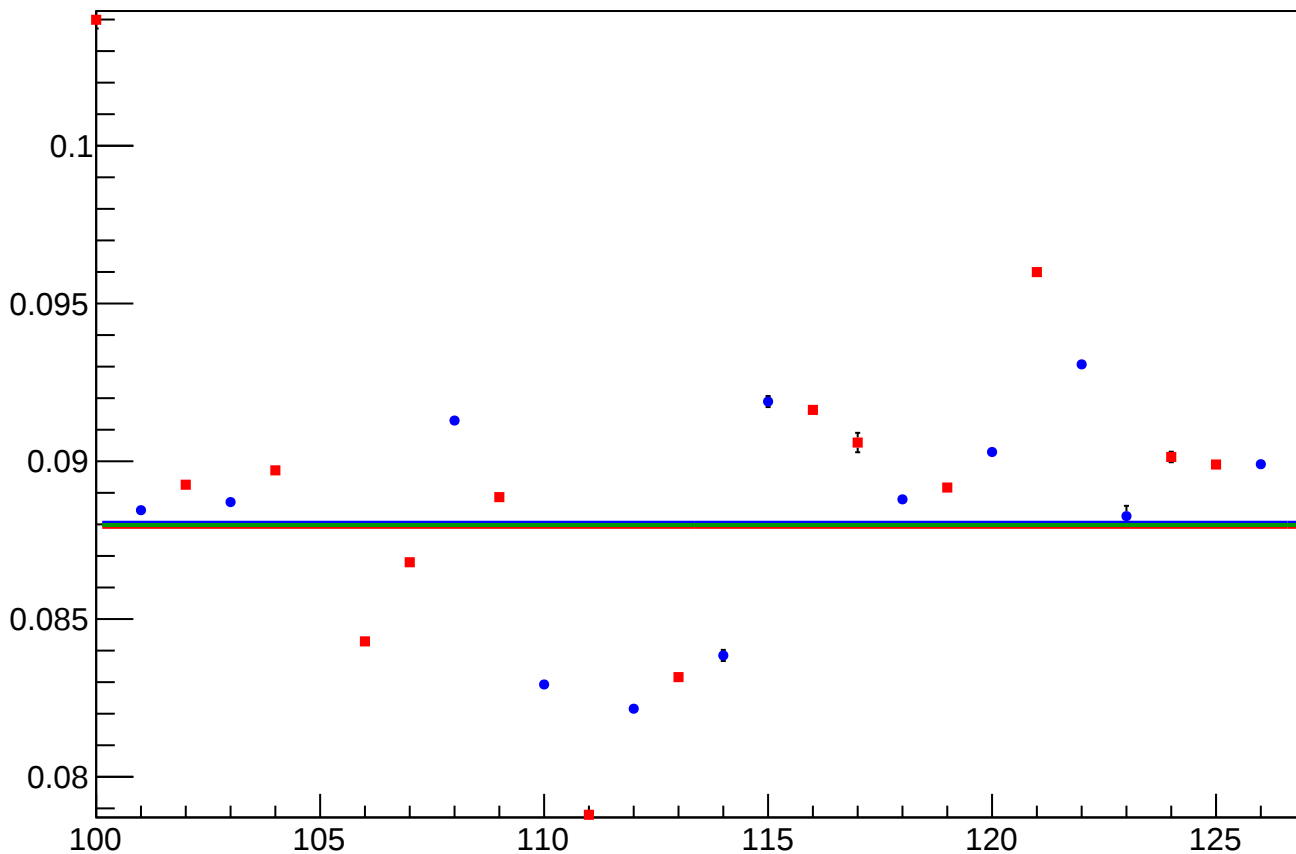
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.213+/-0.000 χ^2/NDF : 155170556.9/11

-0.222+/-0.000 χ^2/NDF : 321549608.8/26

-0.229+/-0.000 χ^2/NDF : 166292255.5/14

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12875.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 27381.1/14

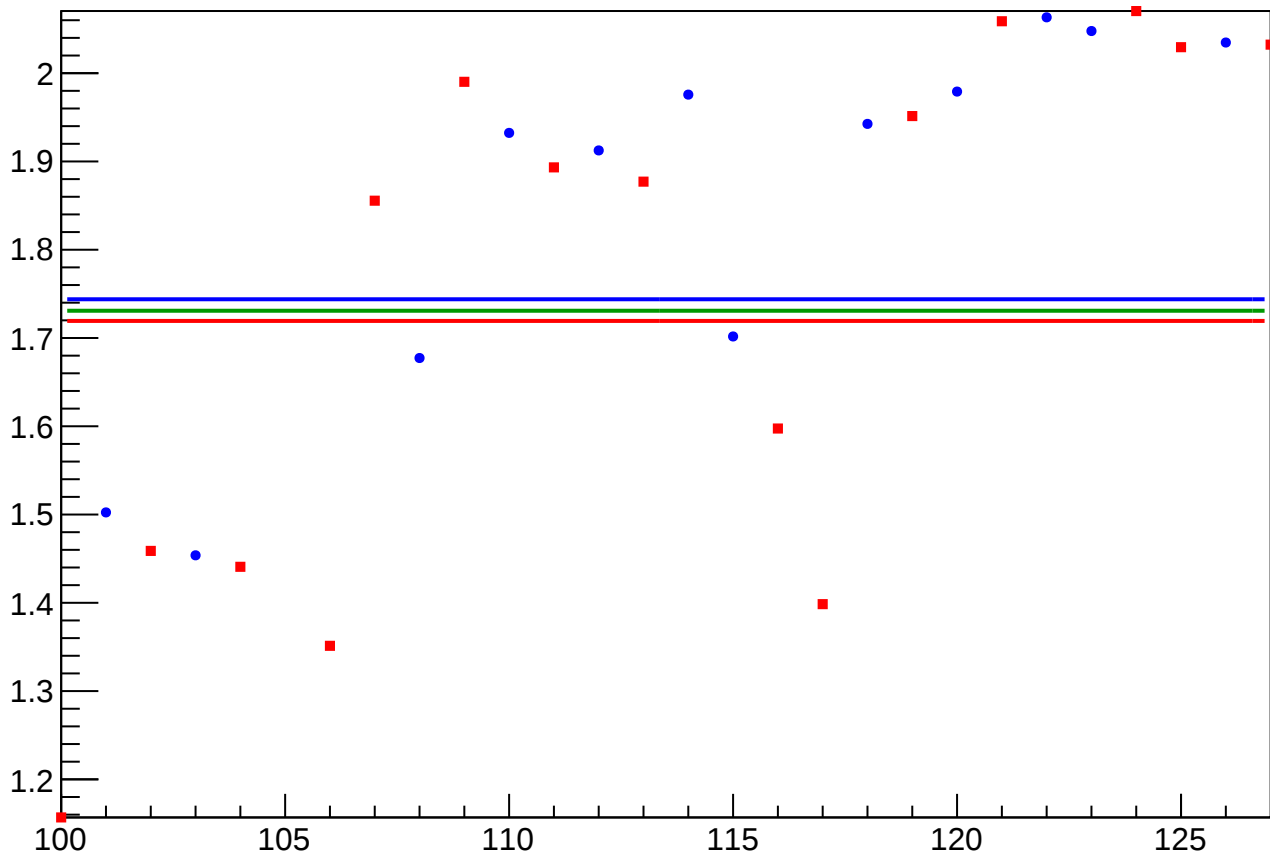
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 12875.8/11

0.088+/-0.000 χ^2/NDF : 40267.2/26

0.088+/-0.000 χ^2/NDF : 27381.1/14

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.744+/-0.000 χ^2/NDF : 916313883.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.719+/-0.000 χ^2/NDF : 1497084746.6/14

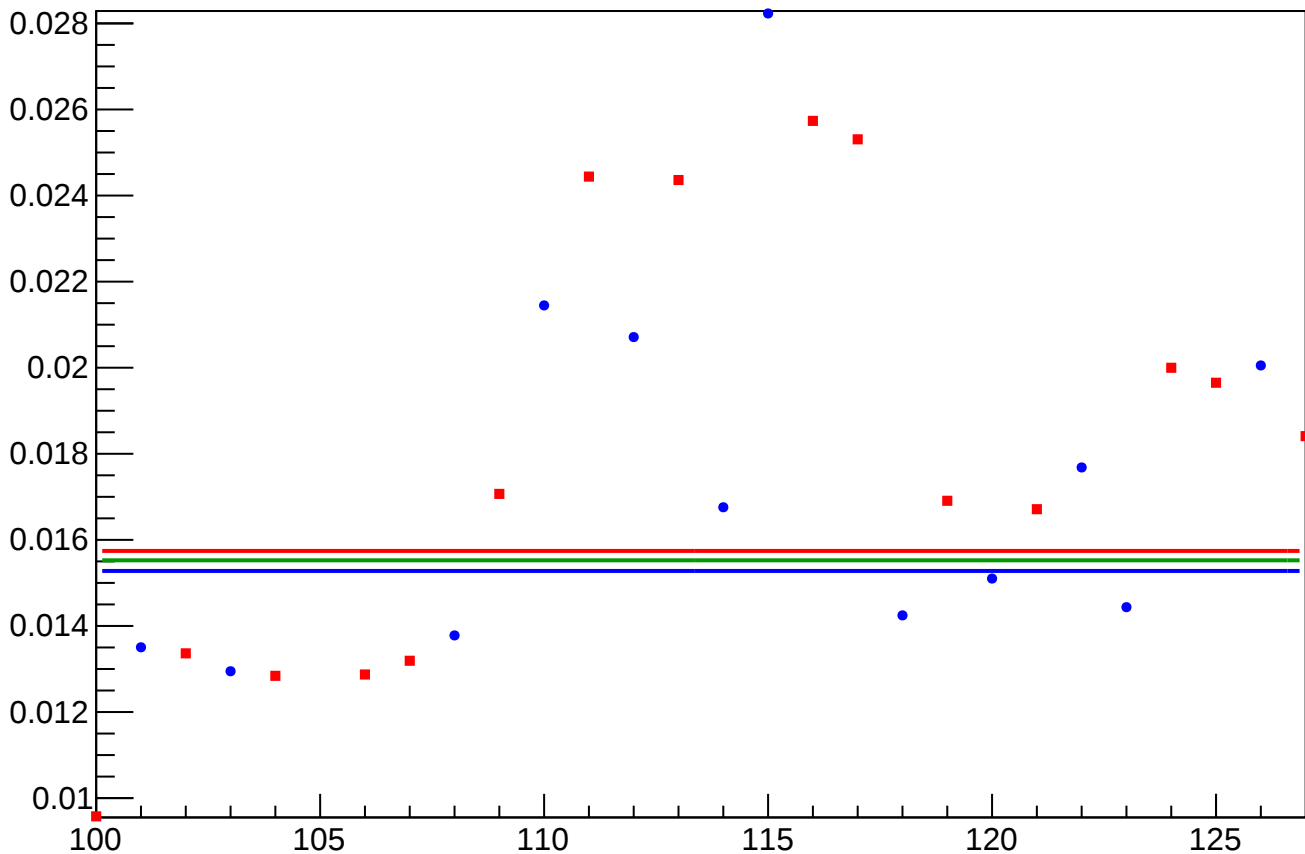
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.744+/-0.000 χ^2/NDF : 916313883.8/11

1.731+/-0.000 χ^2/NDF : 2418599299.4/26

1.719+/-0.000 χ^2/NDF : 1497084746.6/14

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 280567.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 529461.1/14

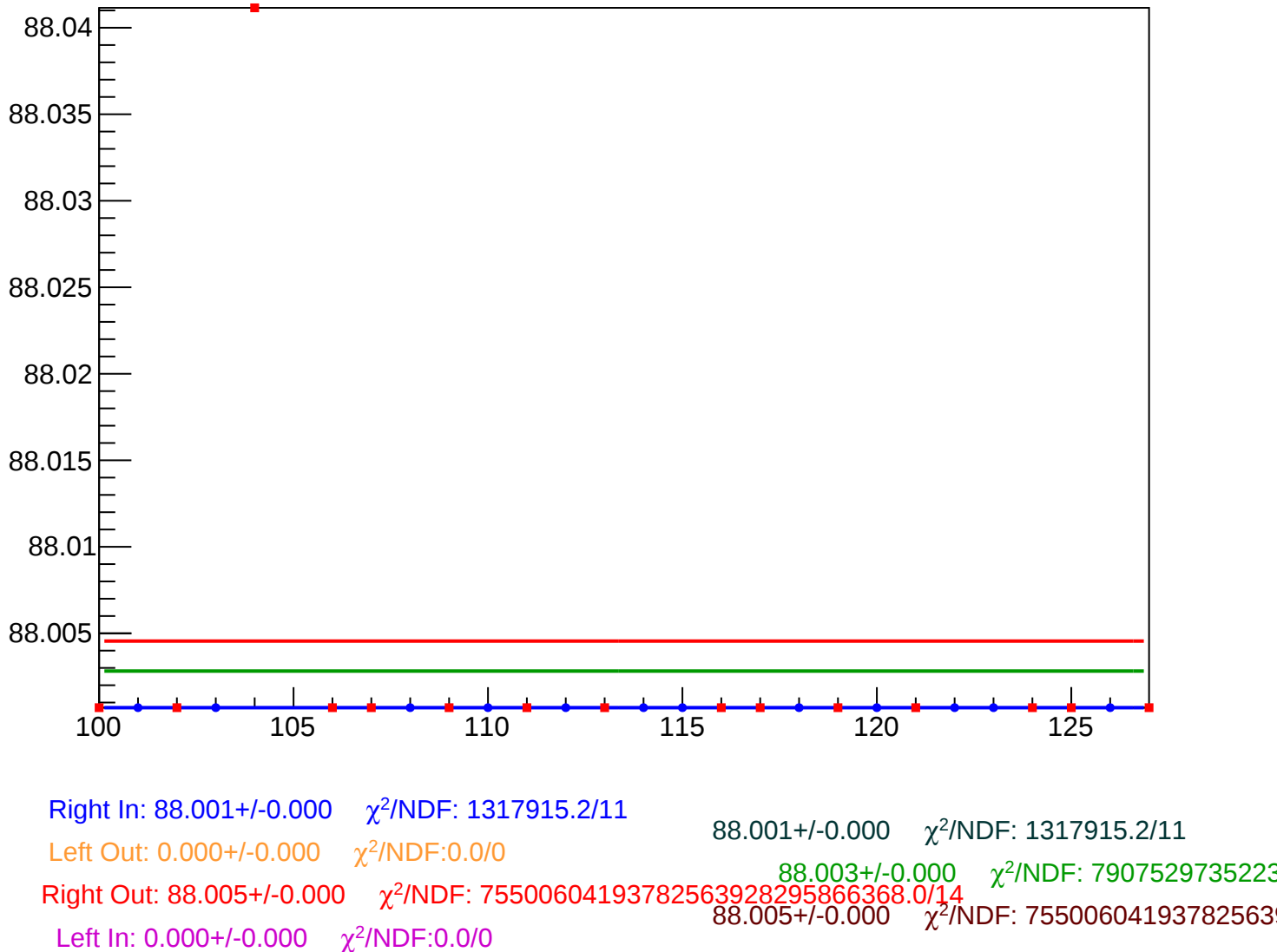
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 280567.5/11

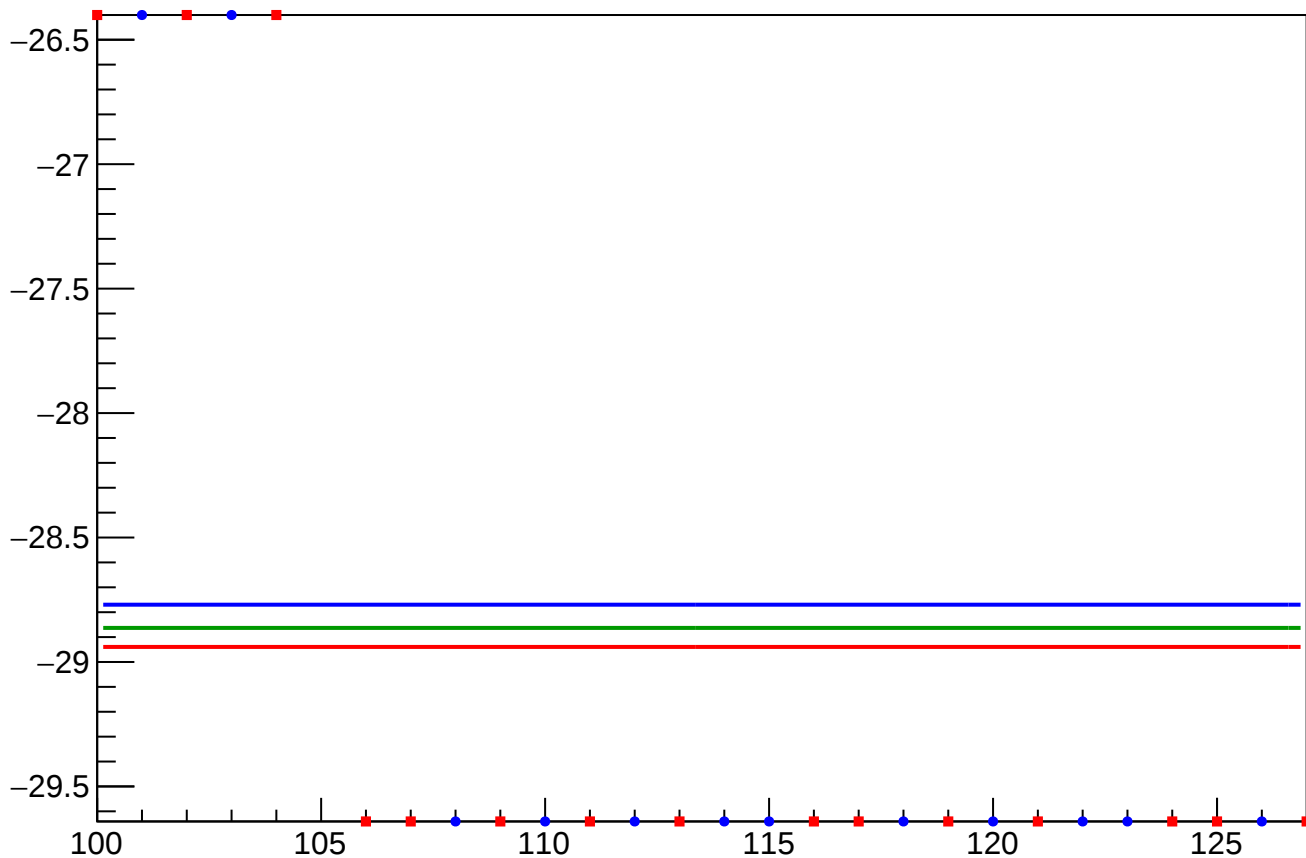
0.016+/-0.000 χ^2/NDF : 813769.9/26

0.016+/-0.000 χ^2/NDF : 529461.1/14

epics_VWienAngles_mean vs Slug, Sign Corrected

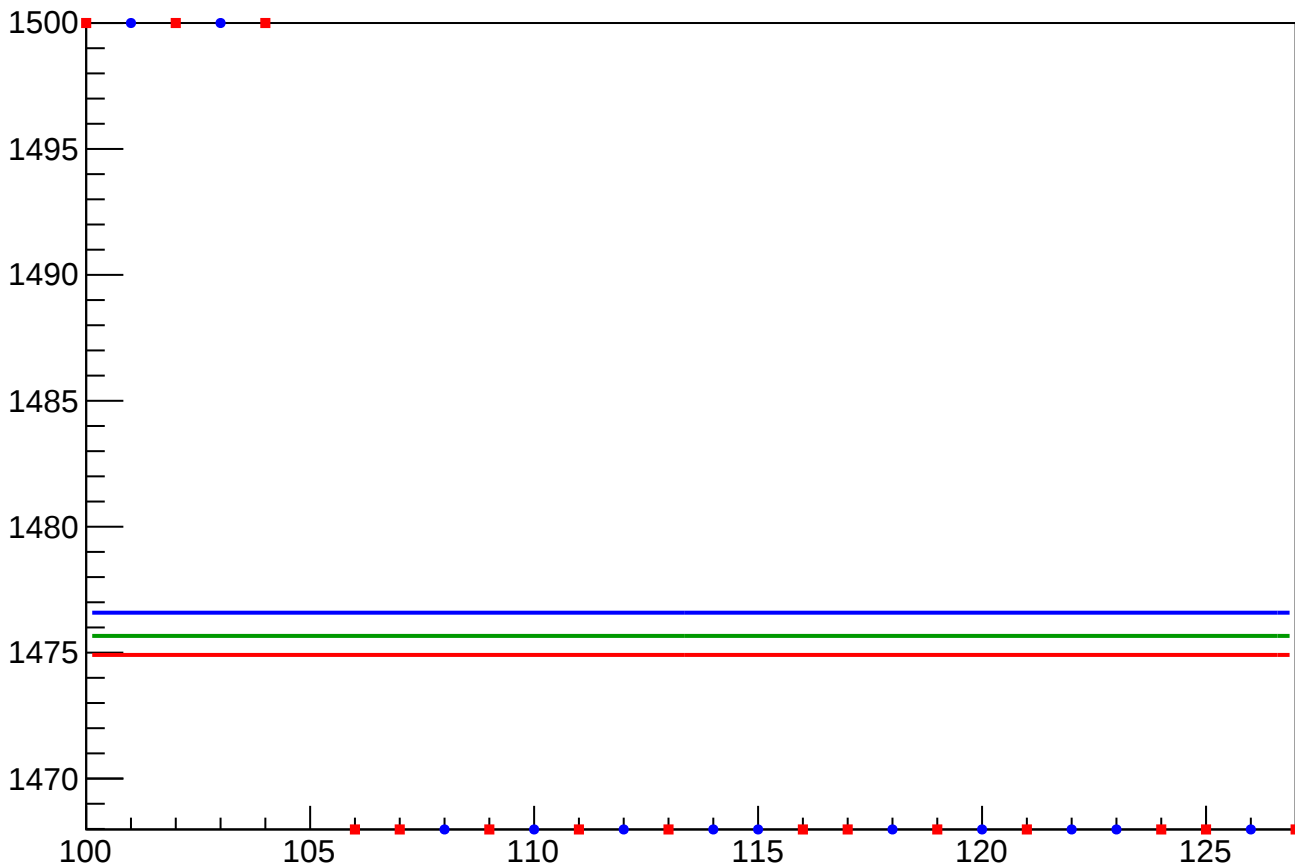


epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -28.770 $\pm$ 0.000 χ^2 /NDF: 905758753530769175603300645470208.0/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -28.940 $\pm$ 0.000 χ^2 /NDF: 954184835820902655963576487903232.0/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1476.586+/-0.000 χ^2/NDF : 88471485687329670296560286807621632.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1474.909+/-0.000 χ^2/NDF : 93201583441868550308029842923192320.0/14

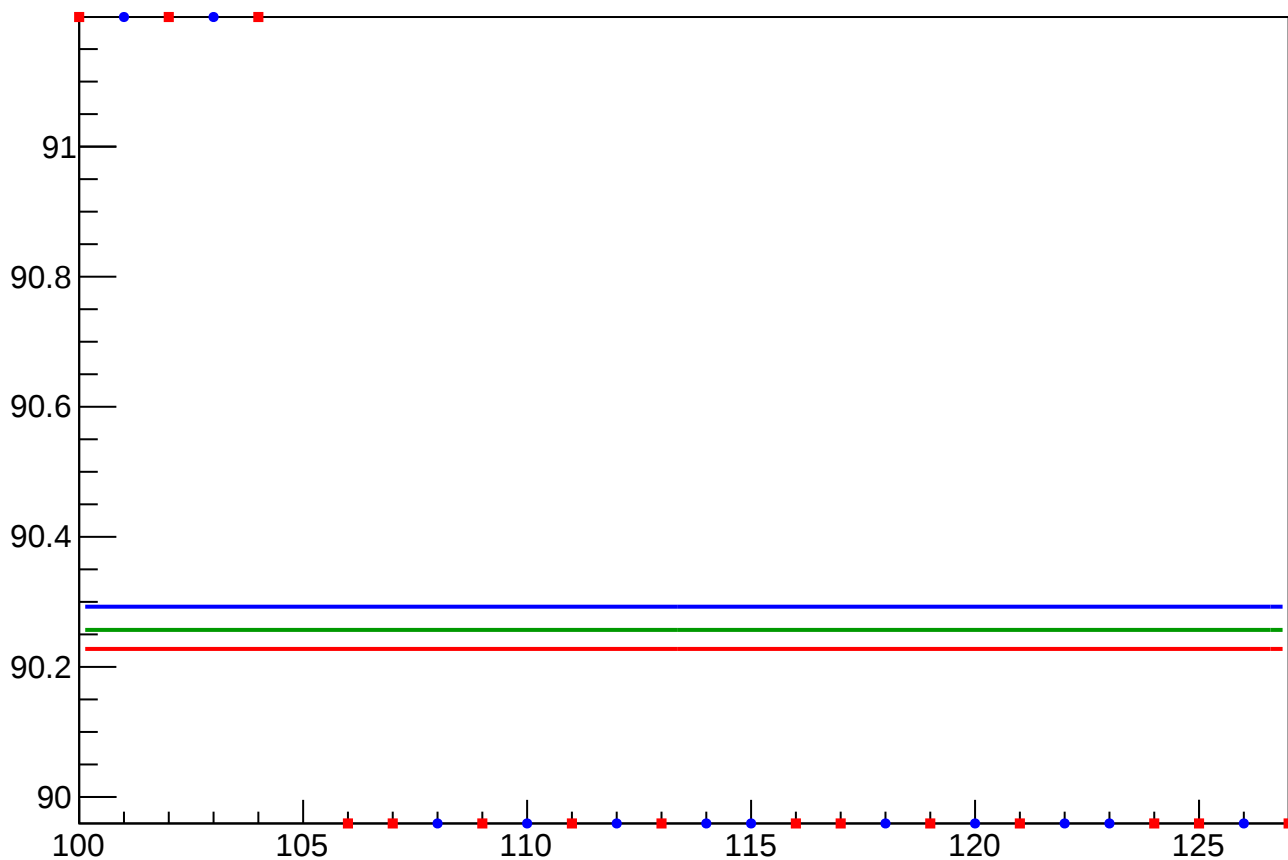
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1476.586+/-0.000 χ^2/NDF : 8847148568732967

1475.664+/-0.000 χ^2/NDF : 18235188229

1474.909+/-0.000 χ^2/NDF : 9320158344186855

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.293+/-0.000 χ^2/NDF : 132667910706170355838071013900288.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.228+/-0.000 χ^2/NDF : 139760955223909358184881899700224.0/14

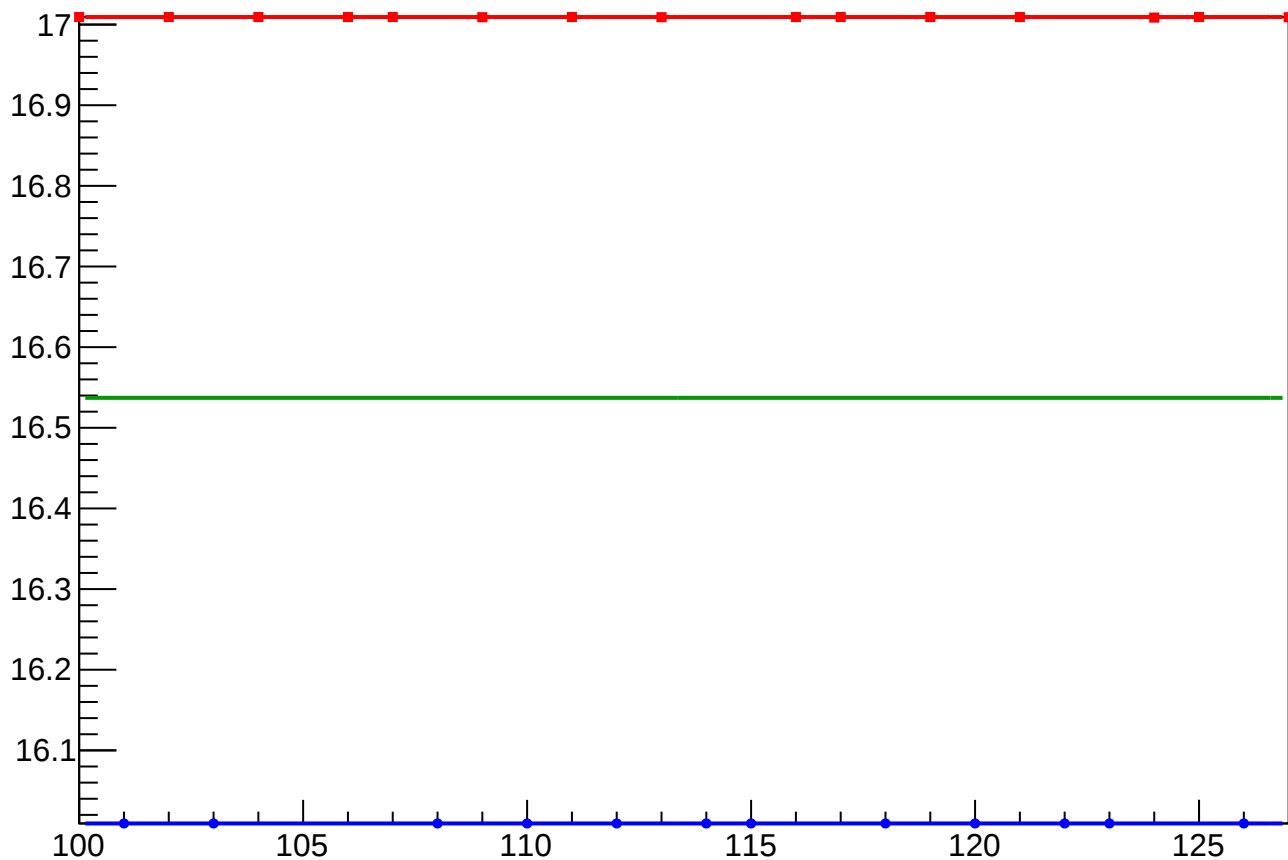
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.293+/-0.000 χ^2/NDF : 132667910706170355838071013900288.0/11

90.257+/-0.000 χ^2/NDF : 2734467840000.0/11

90.228+/-0.000 χ^2/NDF : 139760955223909358184881899700224.0/14

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 37310.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 10041177822170032333914112.0/14

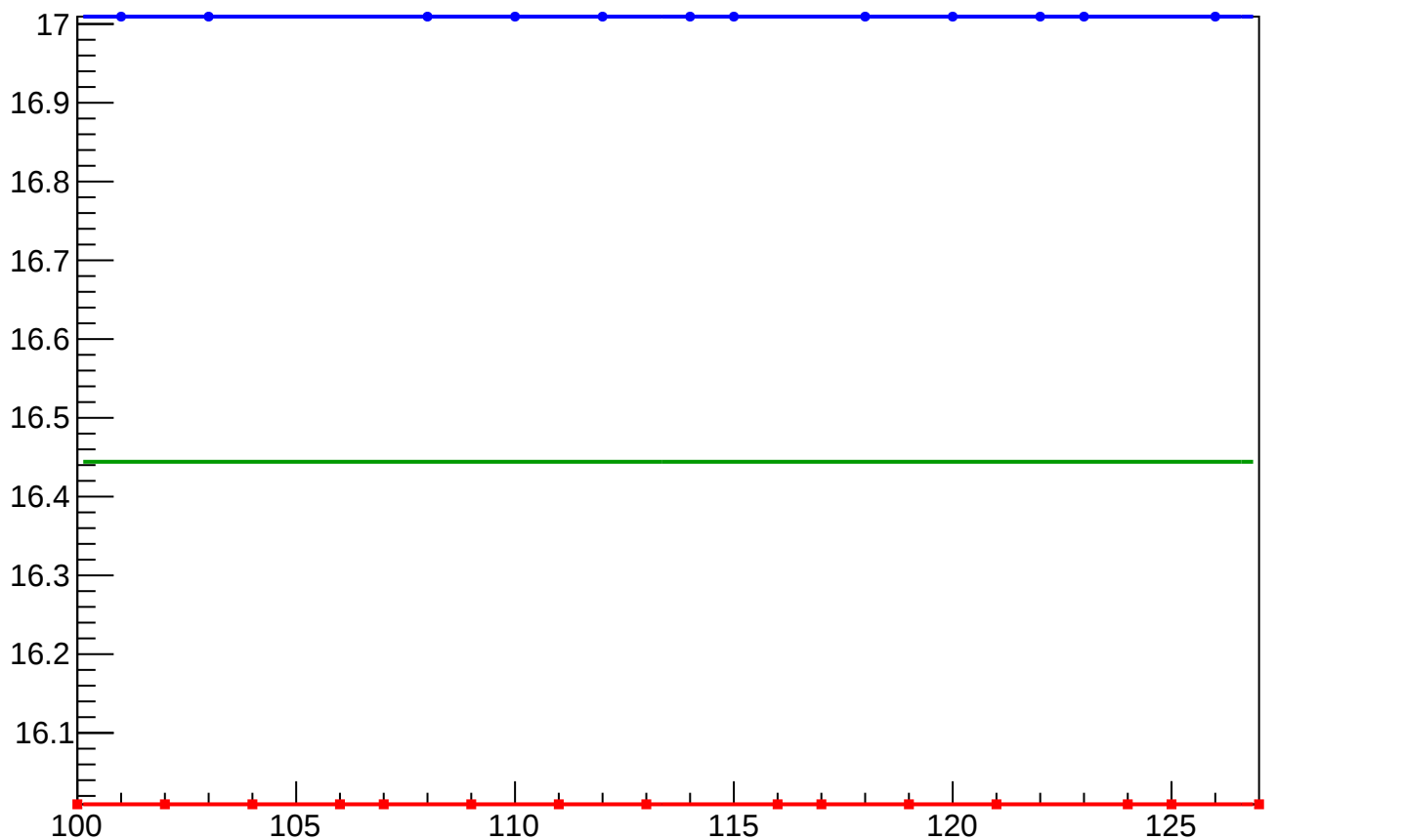
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.009 $\pm$ 0.000 χ^2 /NDF: 37310.0/11

16.537 $\pm$ 0.000 χ^2 /NDF: 2285054912386

17.009 $\pm$ 0.000 χ^2 /NDF: 10041177822170032333914112.0/14

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 30342.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 20346.3/14

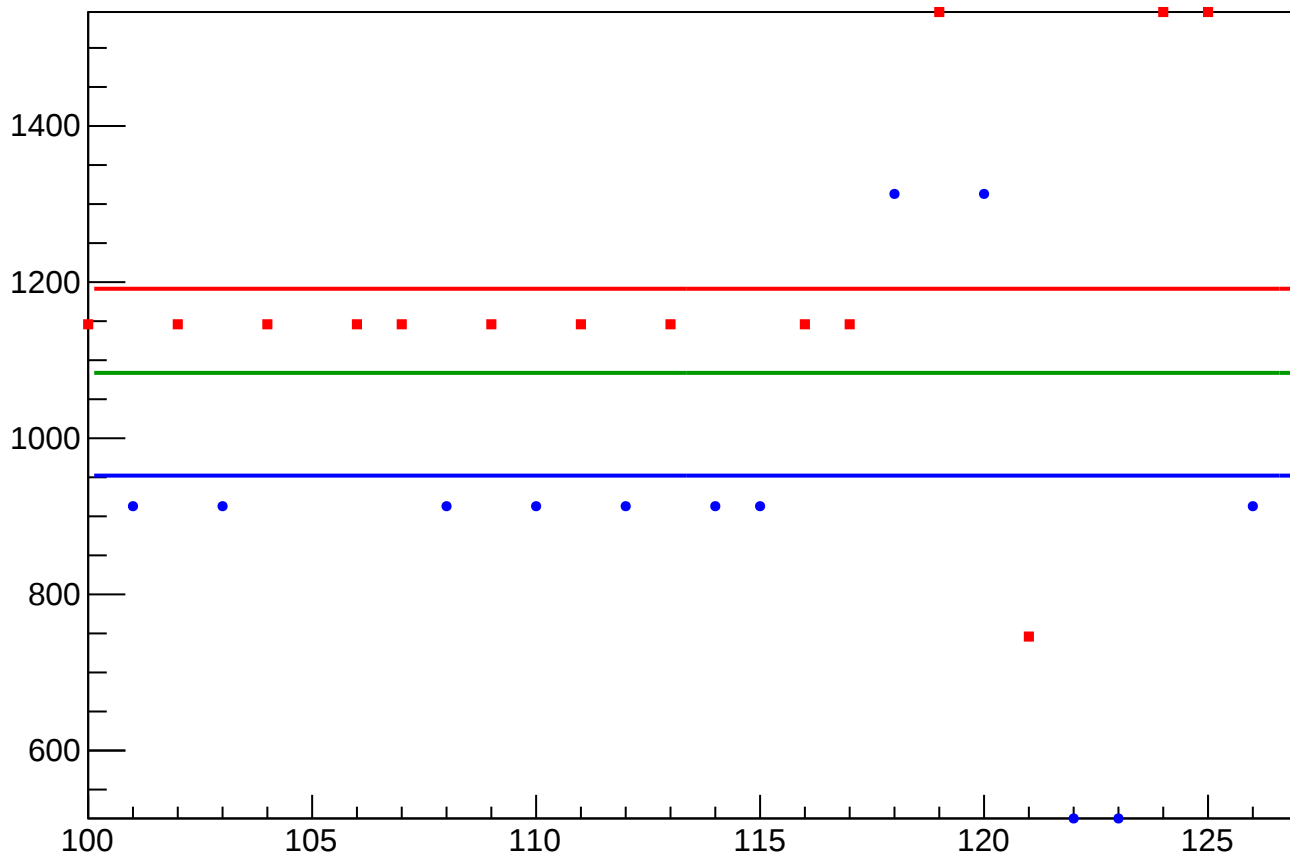
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.009 $\pm$ 0.000 χ^2/NDF : 30342.7/11

16.444 $\pm$ 0.000 χ^2/NDF : 2300245726495

16.009 $\pm$ 0.000 χ^2/NDF : 20346.3/14

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 952.177+/-0.000 χ^2/NDF : 20607385891629640210969051119231172608.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1191.531+/-0.000 χ^2/NDF : 21130013268932239611208863582626250752.0/14

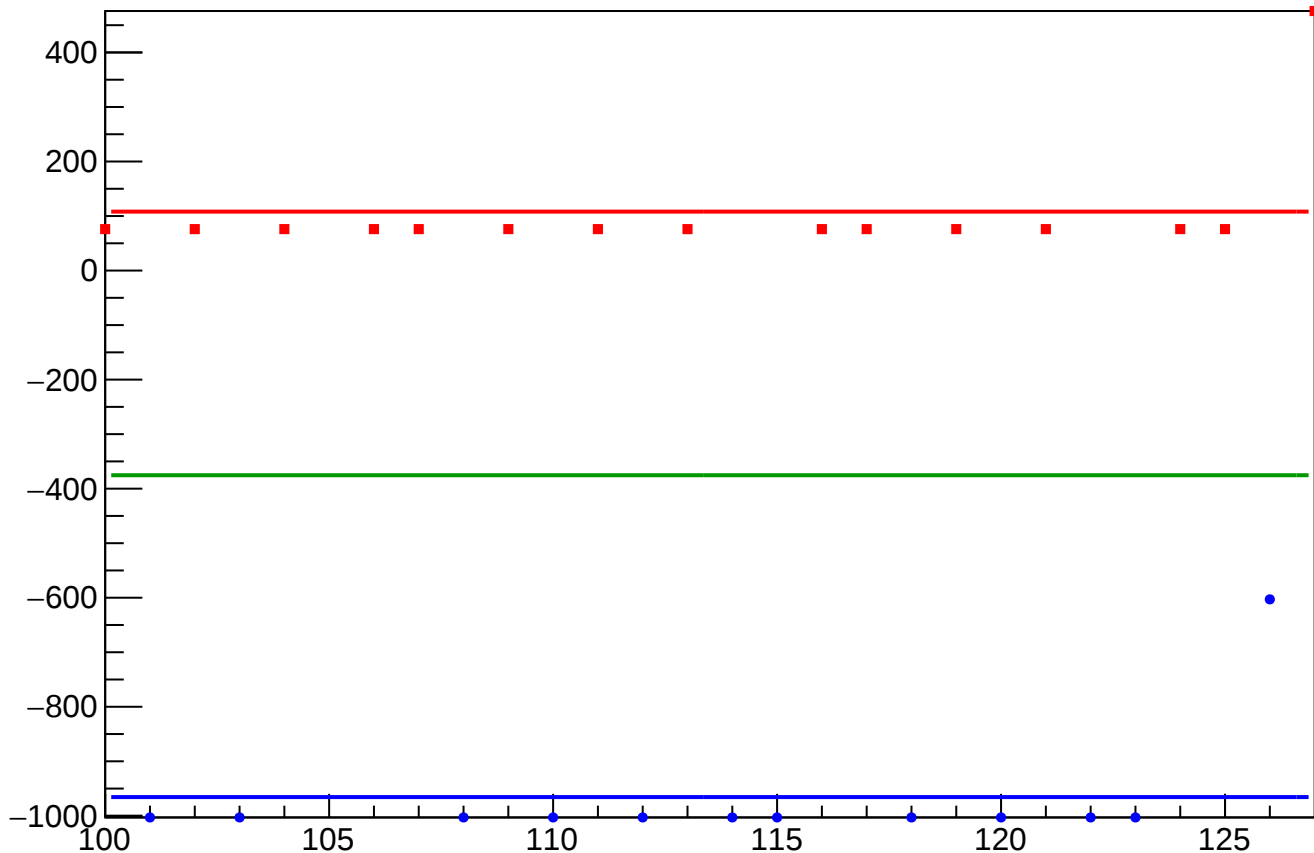
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

952.177+/-0.000 χ^2/NDF : 20607385891629640210969051119231172608.0/11

1083.760+/-0.000 χ^2/NDF : 55563784101

1191.531+/-0.000 χ^2/NDF : 21130013268932239611208863582626250752.0/14

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -965.632+/-0.000 χ^2 /NDF: 5947304953363382373622094685158768640.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 108.099+/-0.000 χ^2 /NDF: 6327708684524940369290899293950967808.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-965.632+/-0.000 χ^2 /NDF: 5947304953363382

-375.356+/-0.000 χ^2 /NDF: 290512347923

108.099+/-0.000 χ^2 /NDF: 63277086845249403