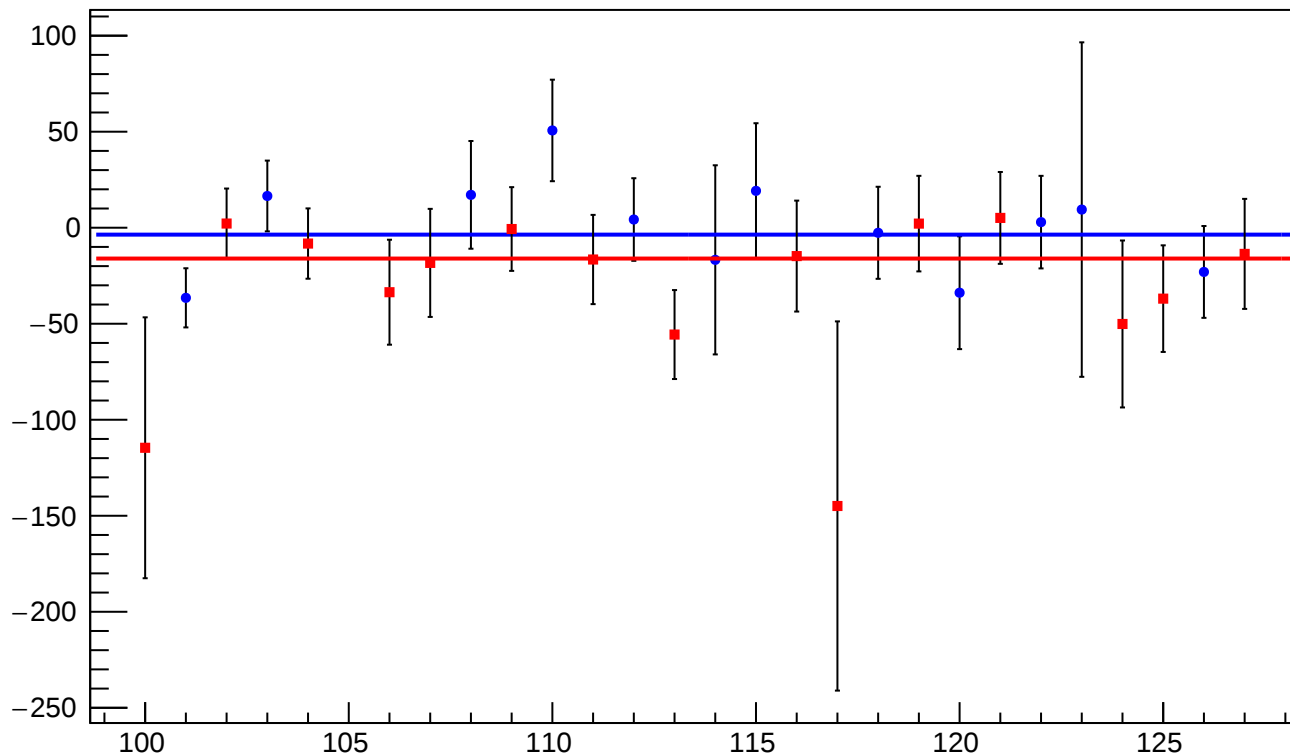


diff_bpm4aX_mean vs Slug



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

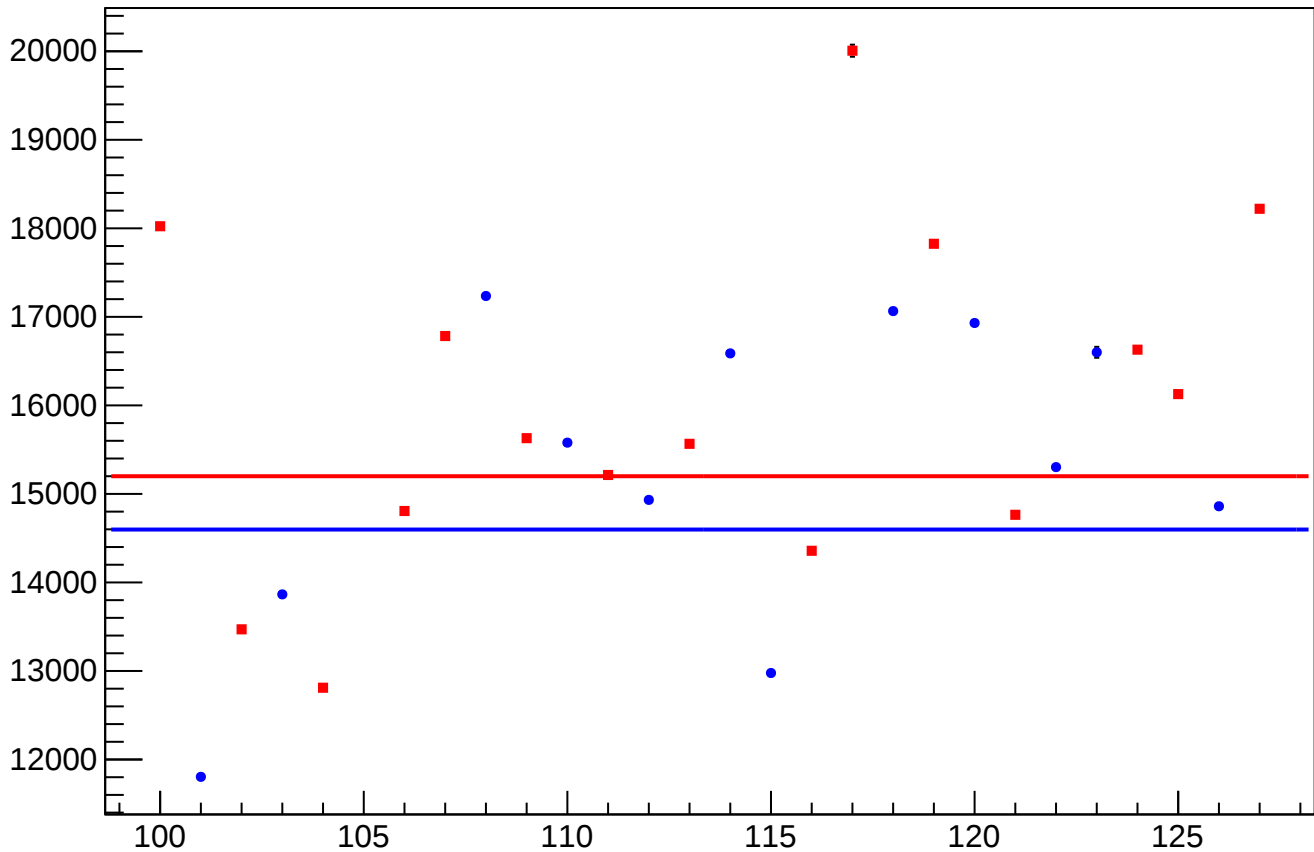
-3.600+/-7.116

χ^2/NDF : 13.0/11

-16.058+/-6.690

χ^2/NDF : 11.4/14

diff_bpm4aX_rms vs Slug



Right In: 14597.658 $\pm$ 5.032 χ^2 /NDF: 134217.0/11

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

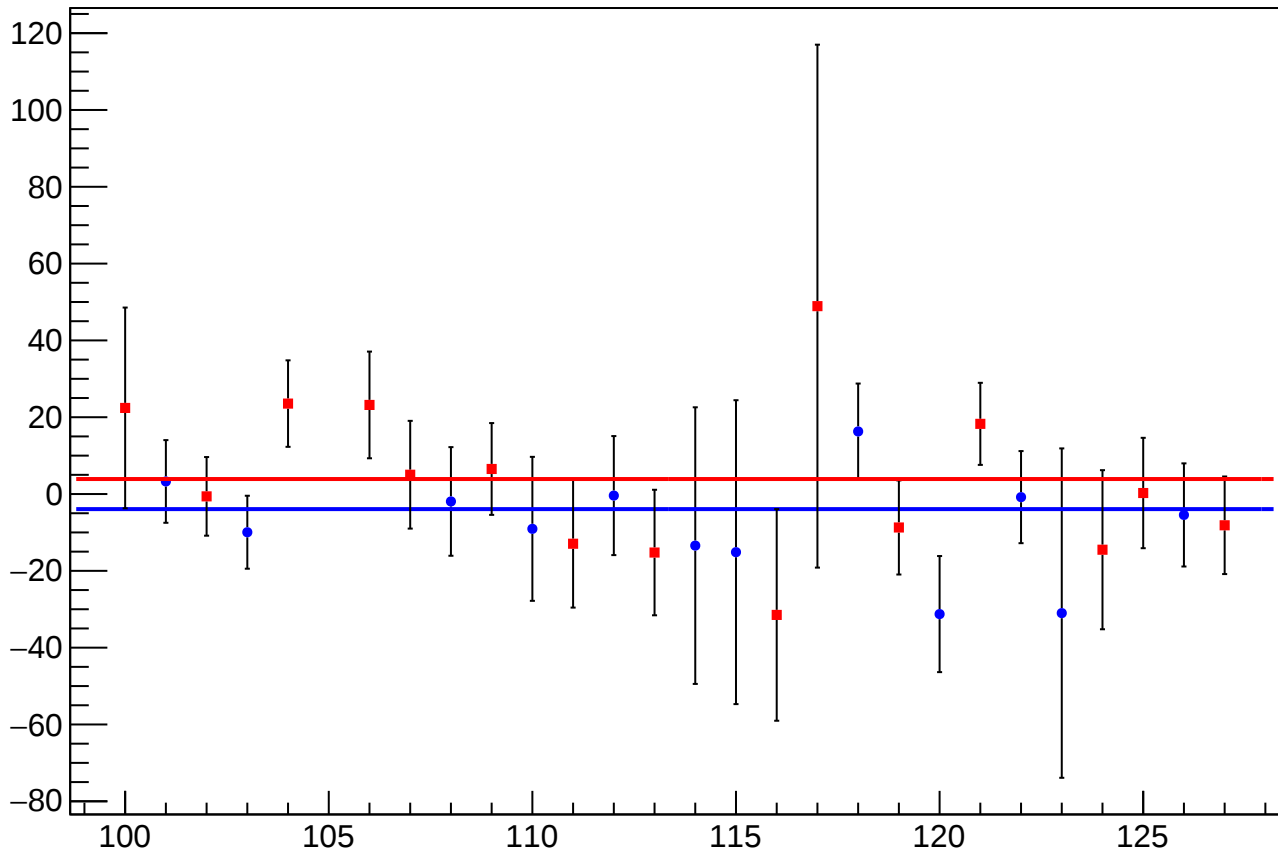
14597.658 $\pm$ 5.032 χ^2 /NDF: 134217.0/11

Right Out: 15199.857 $\pm$ 4.730 χ^2 /NDF: 119800.3/14

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

15199.857 $\pm$ 4.730 χ^2 /NDF: 119800.3/14

diff_bpm4aY_mean vs Slug



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

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

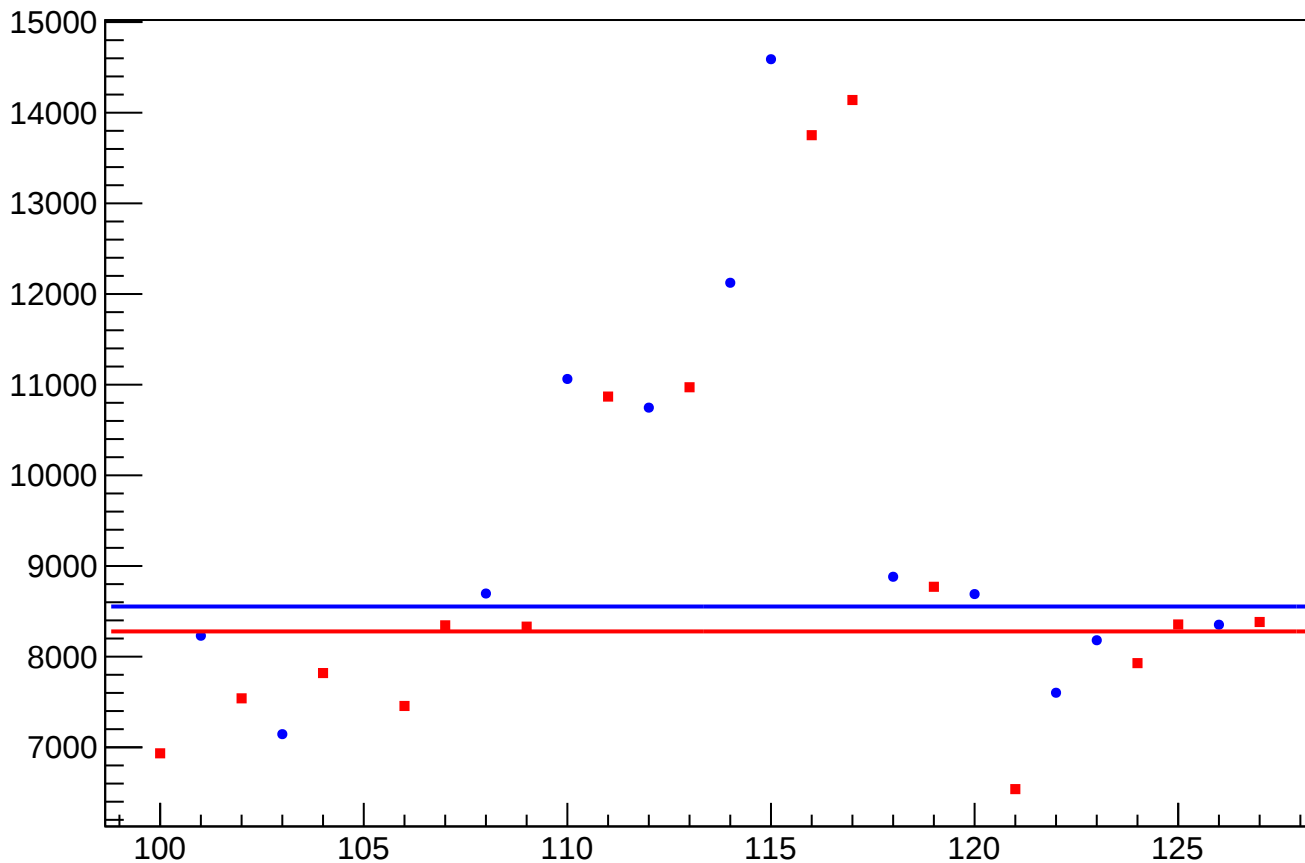
Right Out: 3.907+/-3.680 χ^2/NDF : 14.8/14

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

-3.925+/-4.189 χ^2/NDF : 7.5/11

3.907+/-3.680 χ^2/NDF : 14.8/14

diff_bpm4aY_rms vs Slug



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

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

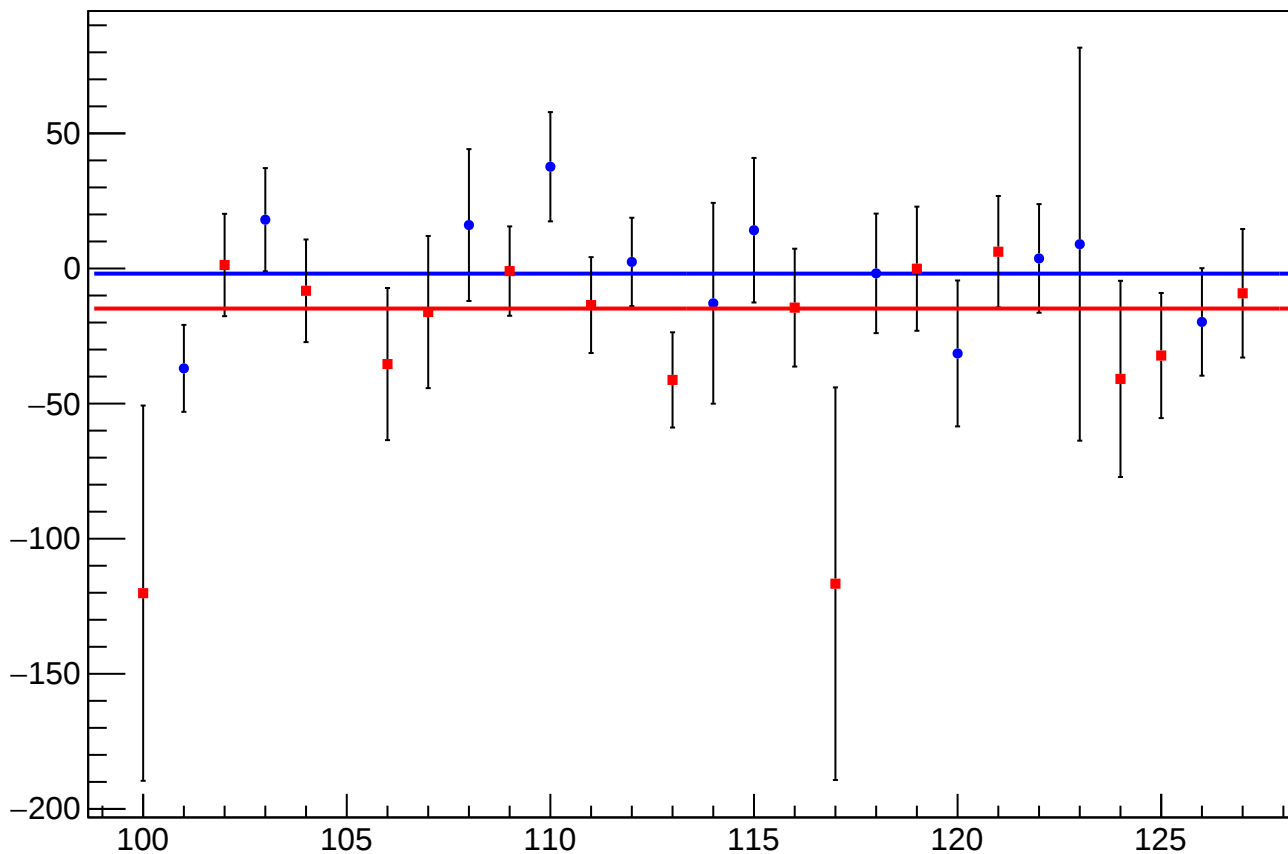
8553.102+/-2.962 χ^2/NDF : 202825.8/11

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

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

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

diff_bpm4eX_mean vs Slug



Right In: -1.902 $\pm$ 6.352 χ^2 /NDF: 12.7/11

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

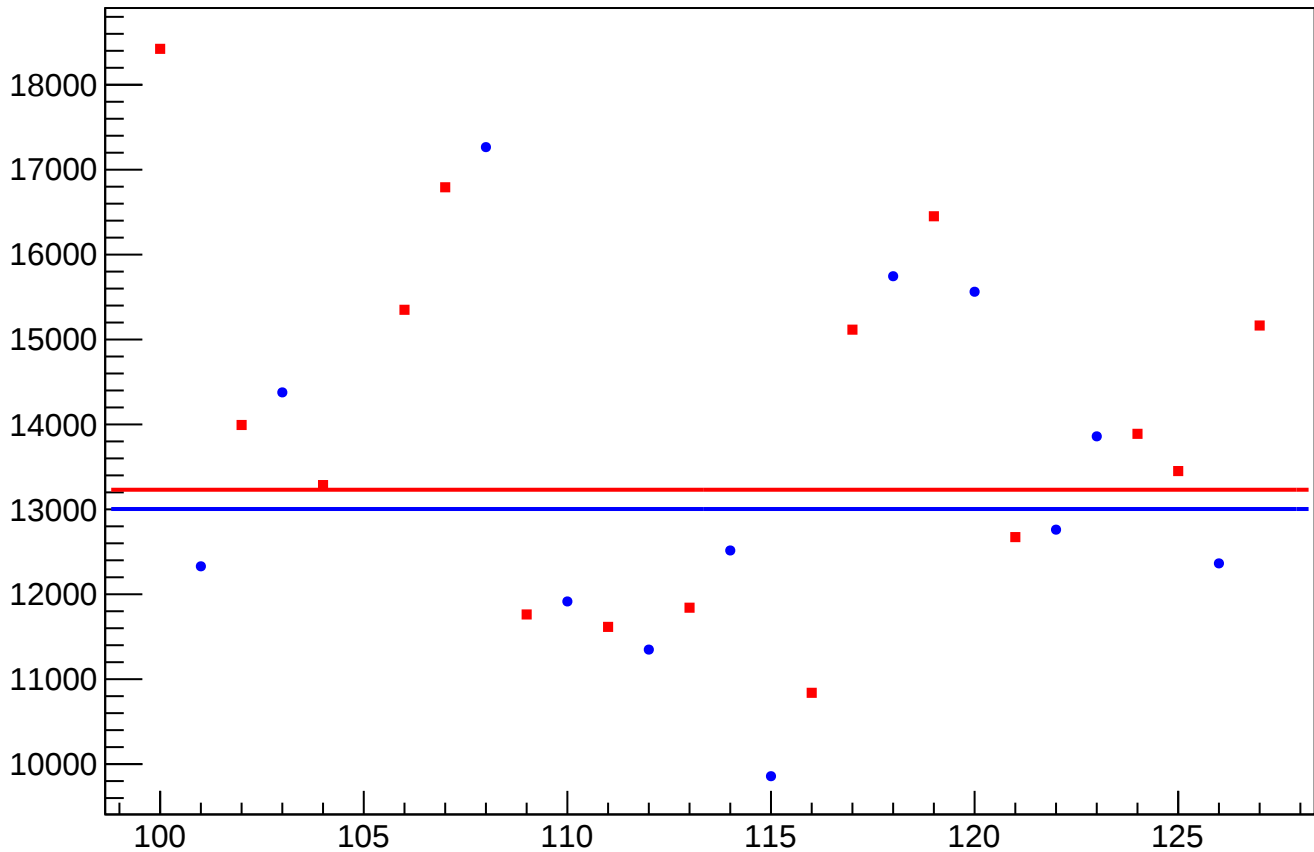
Right Out: -14.824 $\pm$ 5.845 χ^2 /NDF: 11.2/14

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

-1.902 $\pm$ 6.352 χ^2 /NDF: 12.7/11

-14.824 $\pm$ 5.845 χ^2 /NDF: 11.2/14

diff_bpm4eX_rms vs Slug



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

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

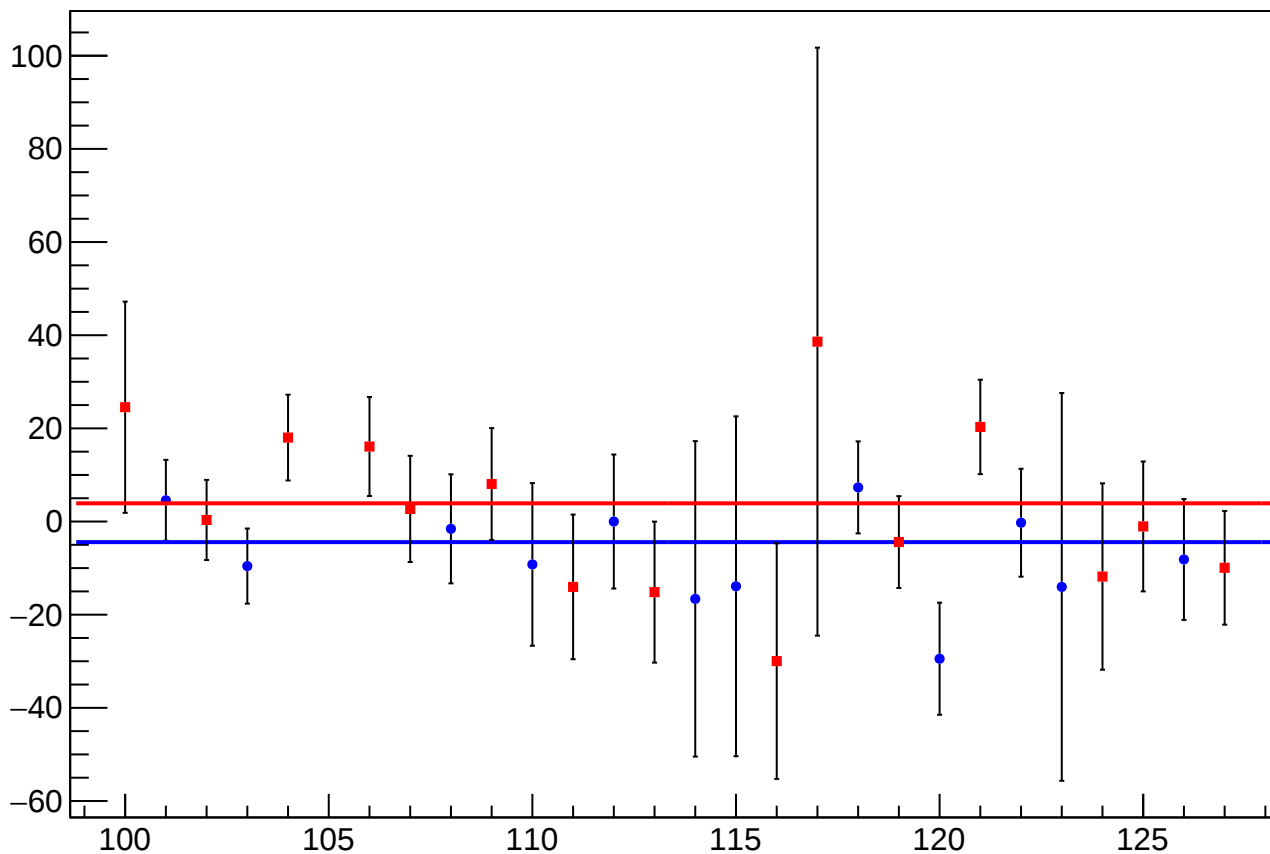
13003.989+/-4.491 χ^2/NDF : 165539.8/11

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

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

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

diff_bpm4eY_mean vs Slug



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

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

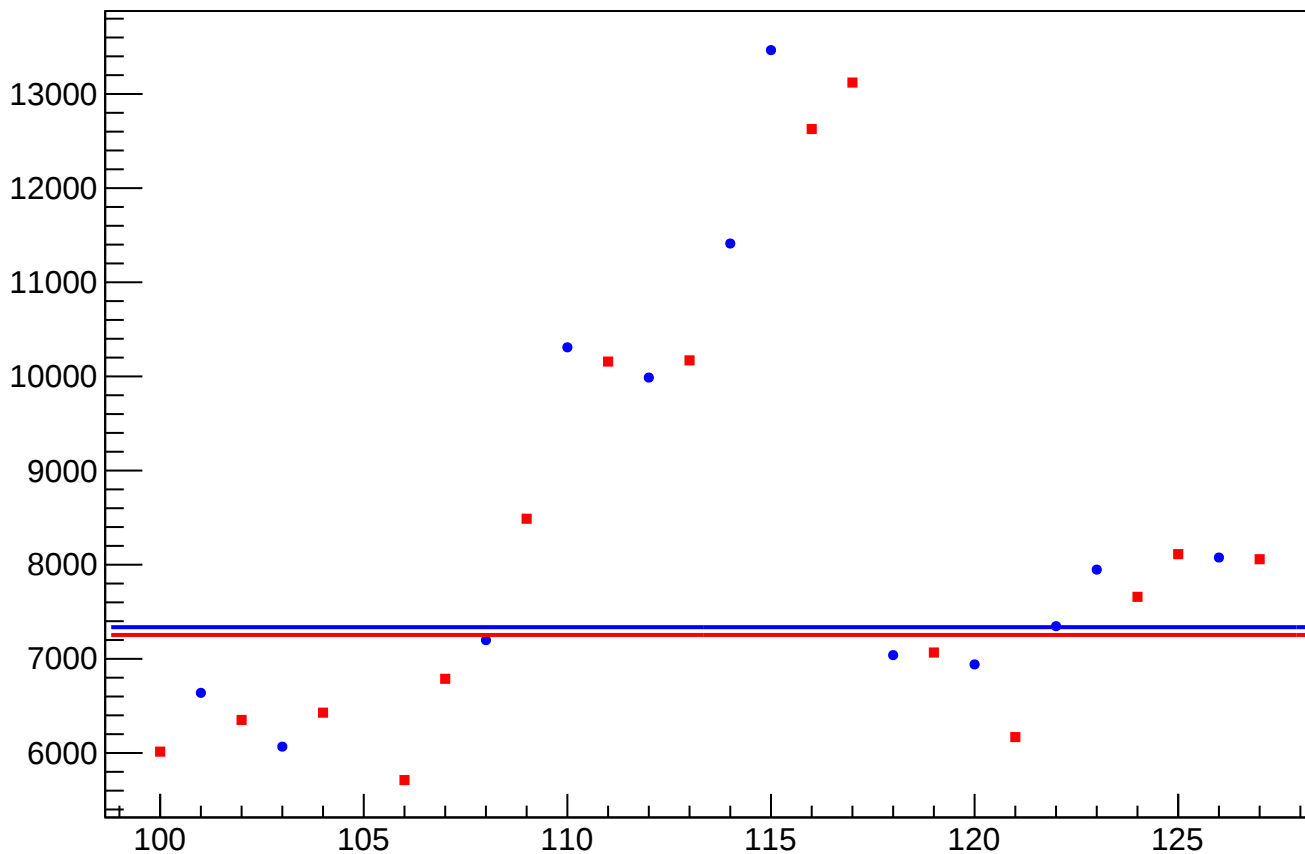
Right Out: 3.911+/-3.237 χ^2/NDF : 15.2/14

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

-4.423+/-3.609 χ^2/NDF : 7.9/11

3.911+/-3.237 χ^2/NDF : 15.2/14

diff_bpm4eY_rms vs Slug



Right In: 7336.539 $\pm$ 2.552 χ^2 /NDF: 284848.4/11

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

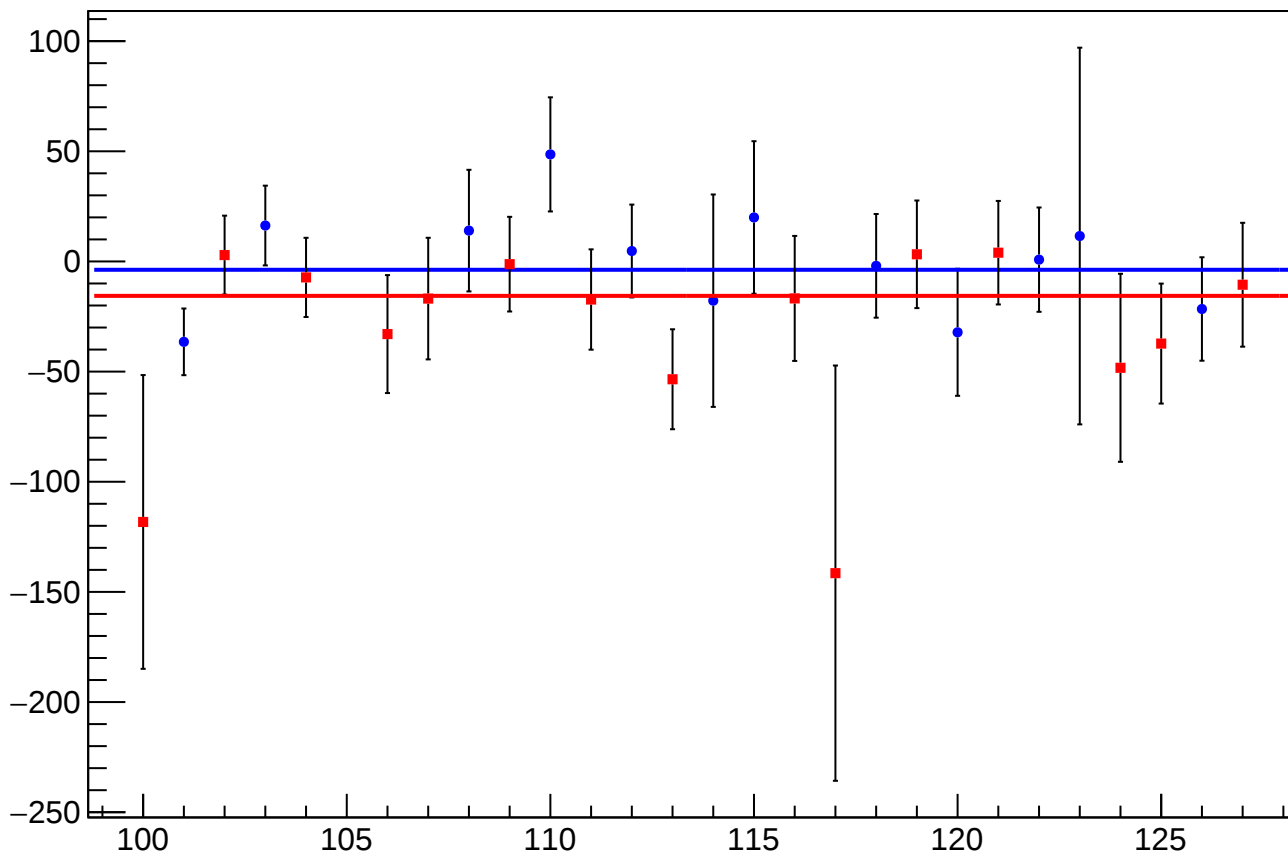
Right Out: 7253.750 $\pm$ 2.289 χ^2 /NDF: 403131.6/14

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

7336.539 $\pm$ 2.552 χ^2 /NDF: 284848.4/11

7253.750 $\pm$ 2.289 χ^2 /NDF: 403131.6/14

diff_bpm4acX_mean vs Slug



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

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

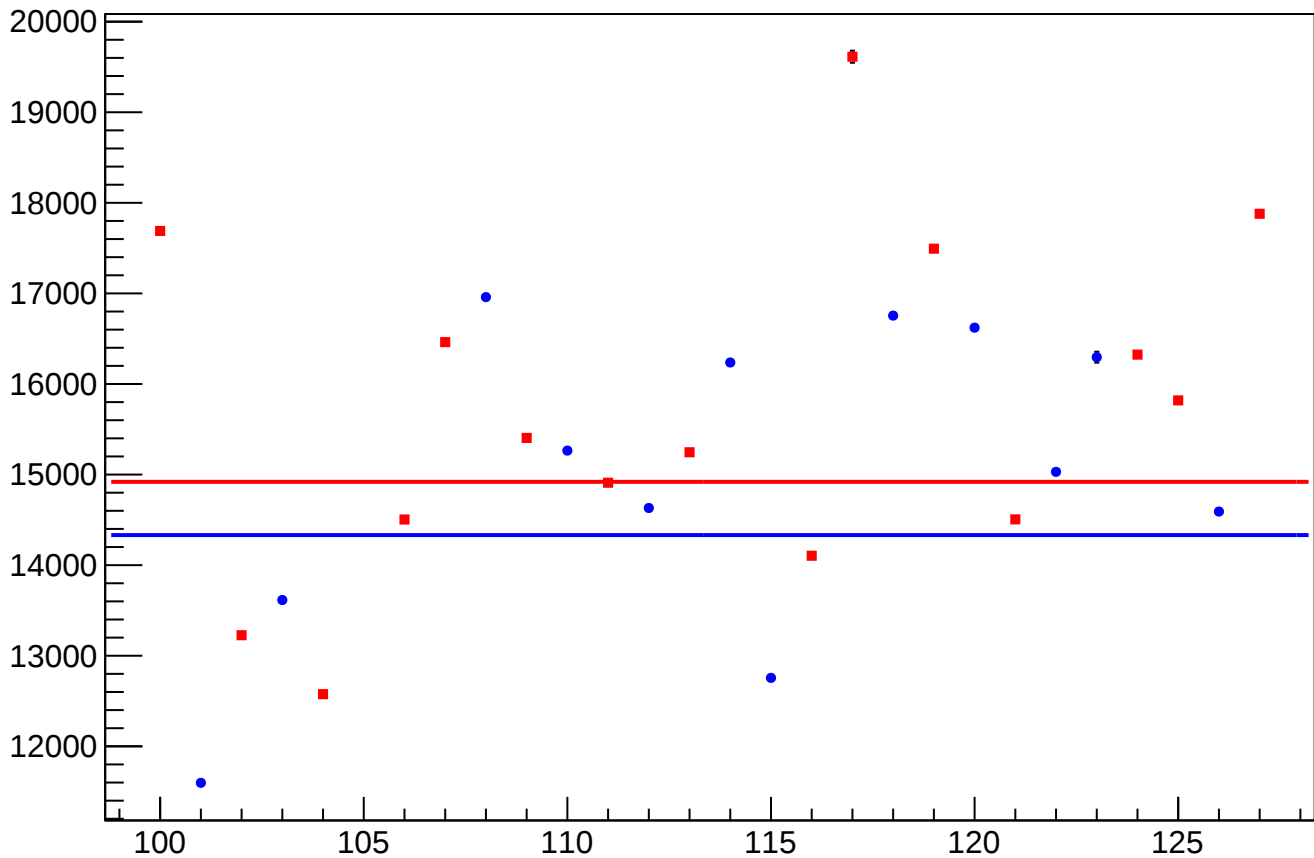
Right Out: -15.625+/-6.566 χ^2 /NDF: 11.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.786+/-6.987 χ^2 /NDF: 12.7/11

-15.625+/-6.566 χ^2 /NDF: 11.6/14

diff_bpm4acX_rms vs Slug



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

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

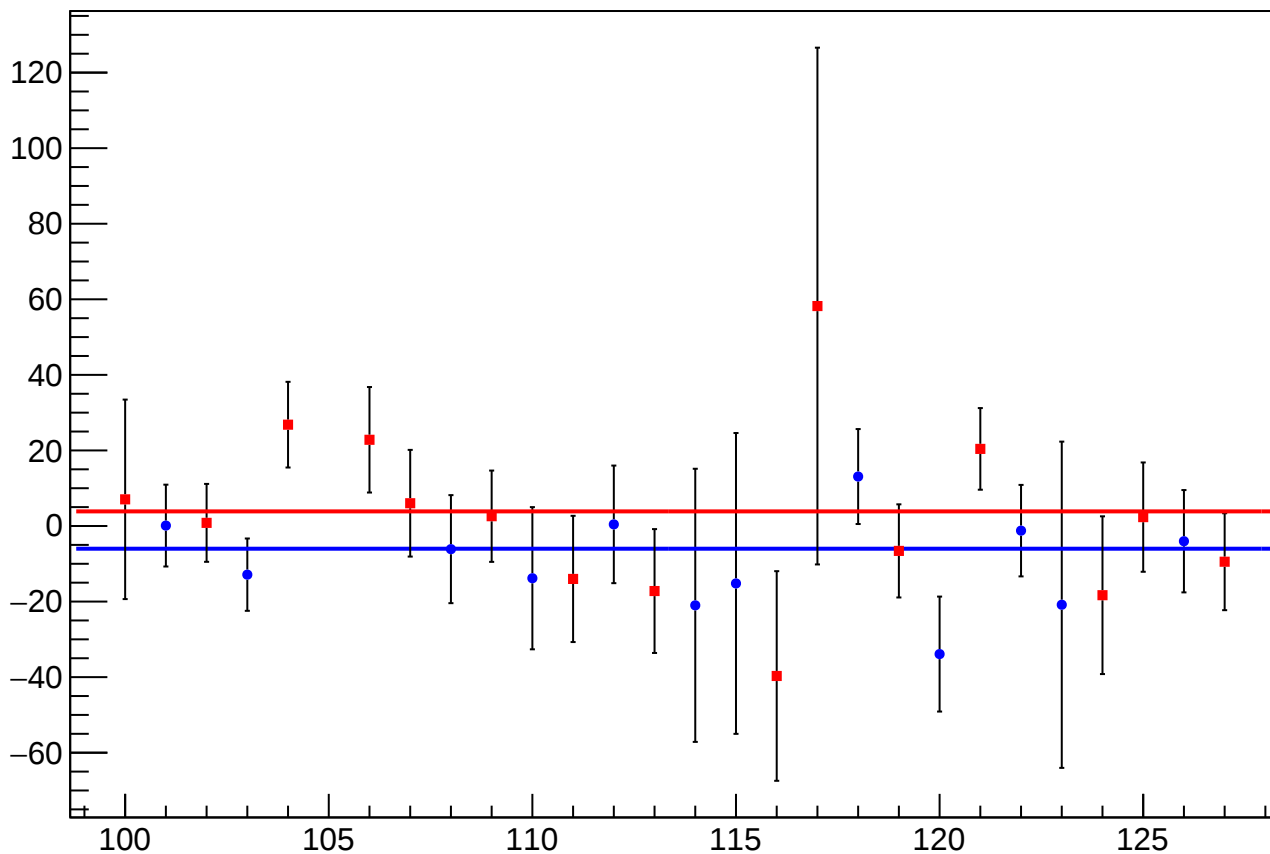
14331.895+/-4.940 χ^2/NDF : 133732.3/11

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

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

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

diff_bpm4acY_mean vs Slug



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

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

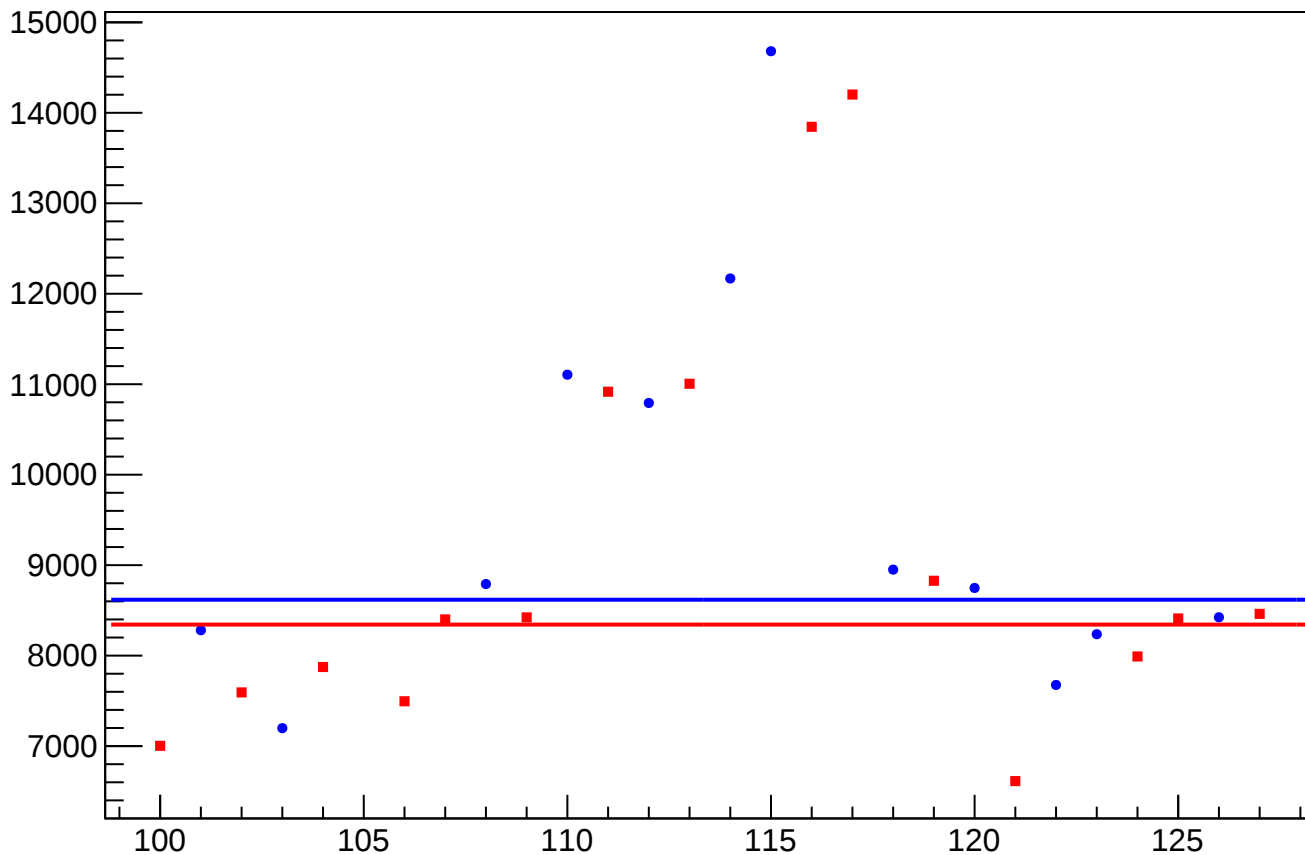
Right Out: 3.867+/-3.708 χ^2 /NDF: 17.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.012+/-4.220 χ^2 /NDF: 7.4/11

3.867+/-3.708 χ^2 /NDF: 17.3/14

diff_bpm4acY_rms vs Slug



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

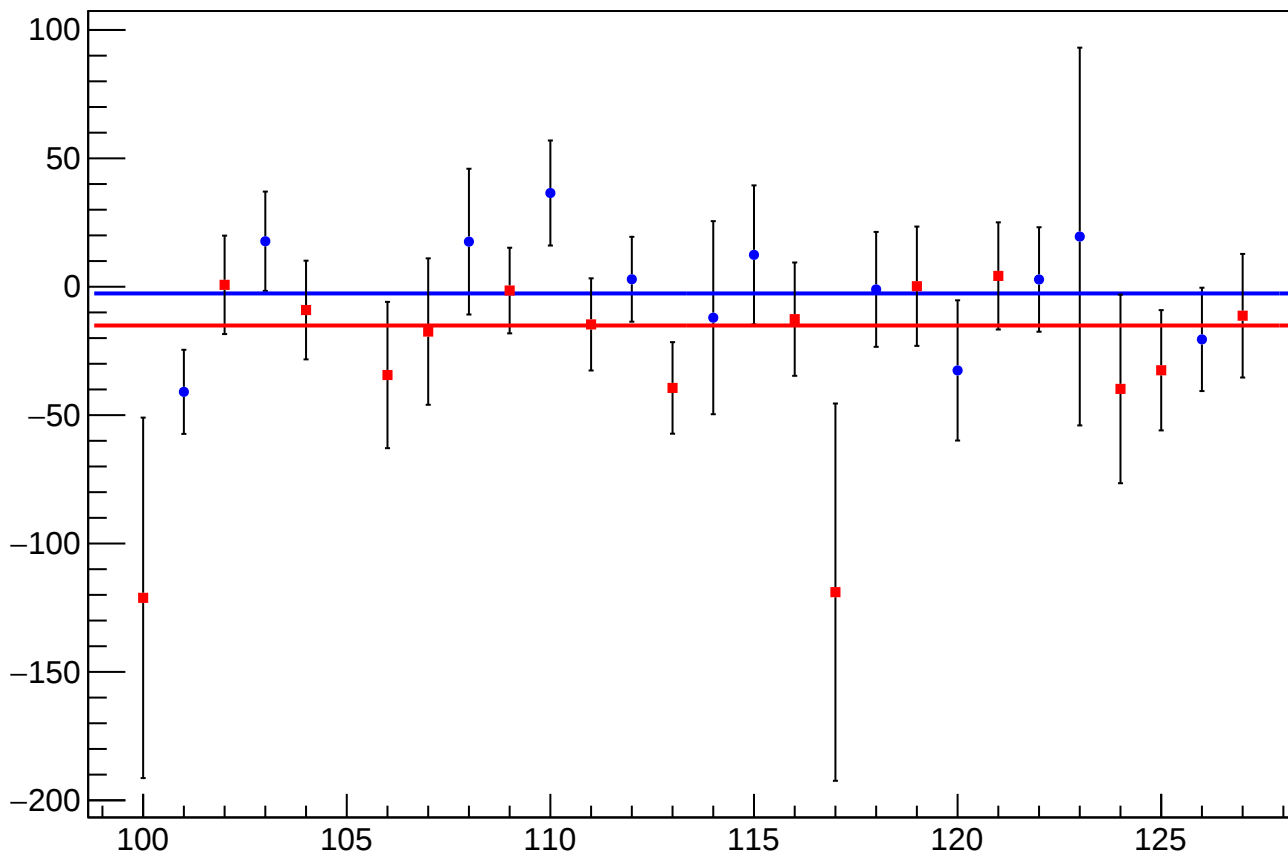
Right Out: 8343.060 $\pm$ 2.622 χ^2 /NDF: 275394.4/14

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

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

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

diff_bpm4ecX_mean vs Slug



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

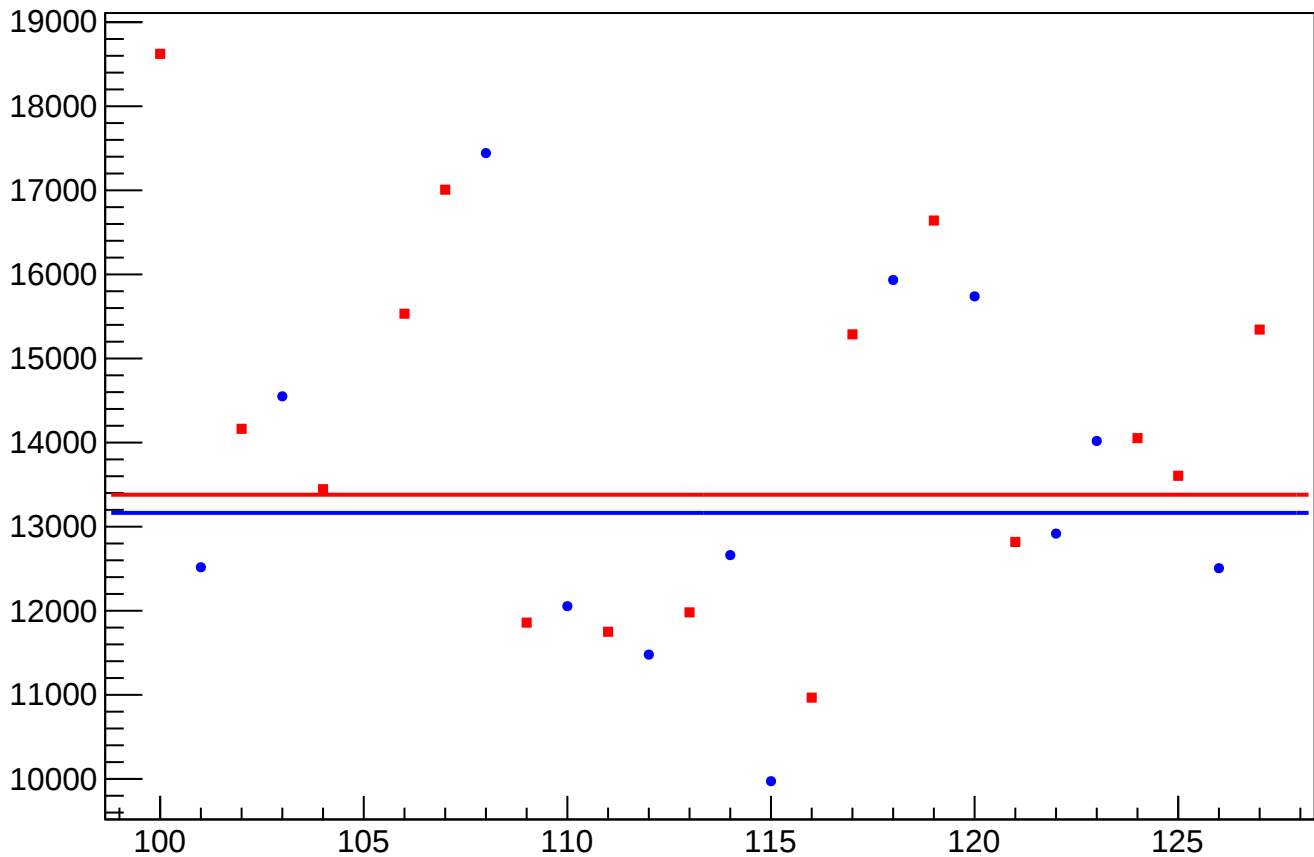
Right Out: -15.092 $\pm$ 5.911 χ^2 /NDF: 10.4/14

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

-2.606 $\pm$ 6.432 χ^2 /NDF: 13.4/11

-15.092 $\pm$ 5.911 χ^2 /NDF: 10.4/14

diff_bpm4ecX_rms vs Slug



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

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

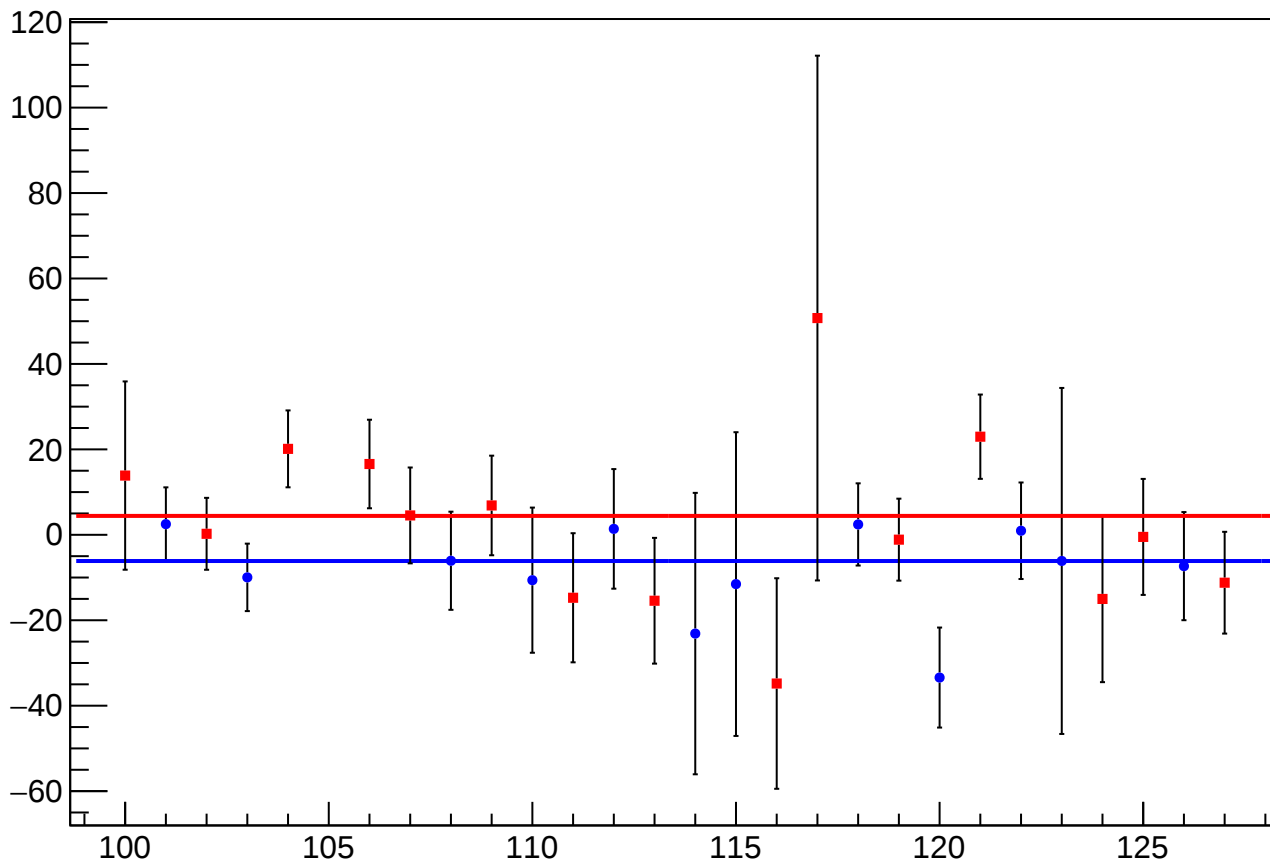
13164.075+/-4.548 χ^2/NDF : 164793.2/11

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

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

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

diff_bpm4ecY_mean vs Slug



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

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

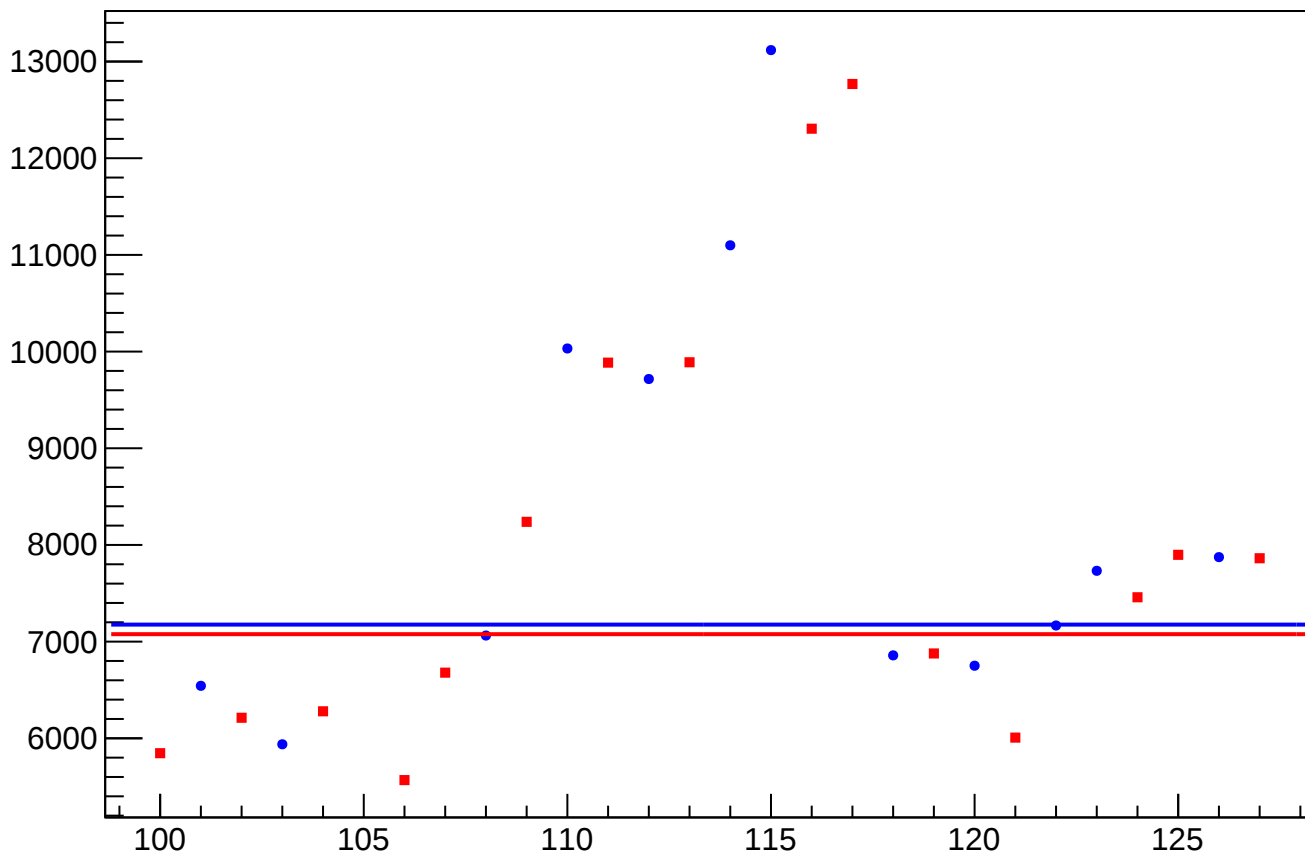
Right Out: 4.426+/-3.158 χ^2/NDF : 18.1/14

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

-6.134+/-3.531 χ^2/NDF : 8.5/11

4.426+/-3.158 χ^2/NDF : 18.1/14

diff_bpm4ecY_rms vs Slug



Right In: 7176.031+/-2.497 χ^2/NDF : 278098.2/11

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

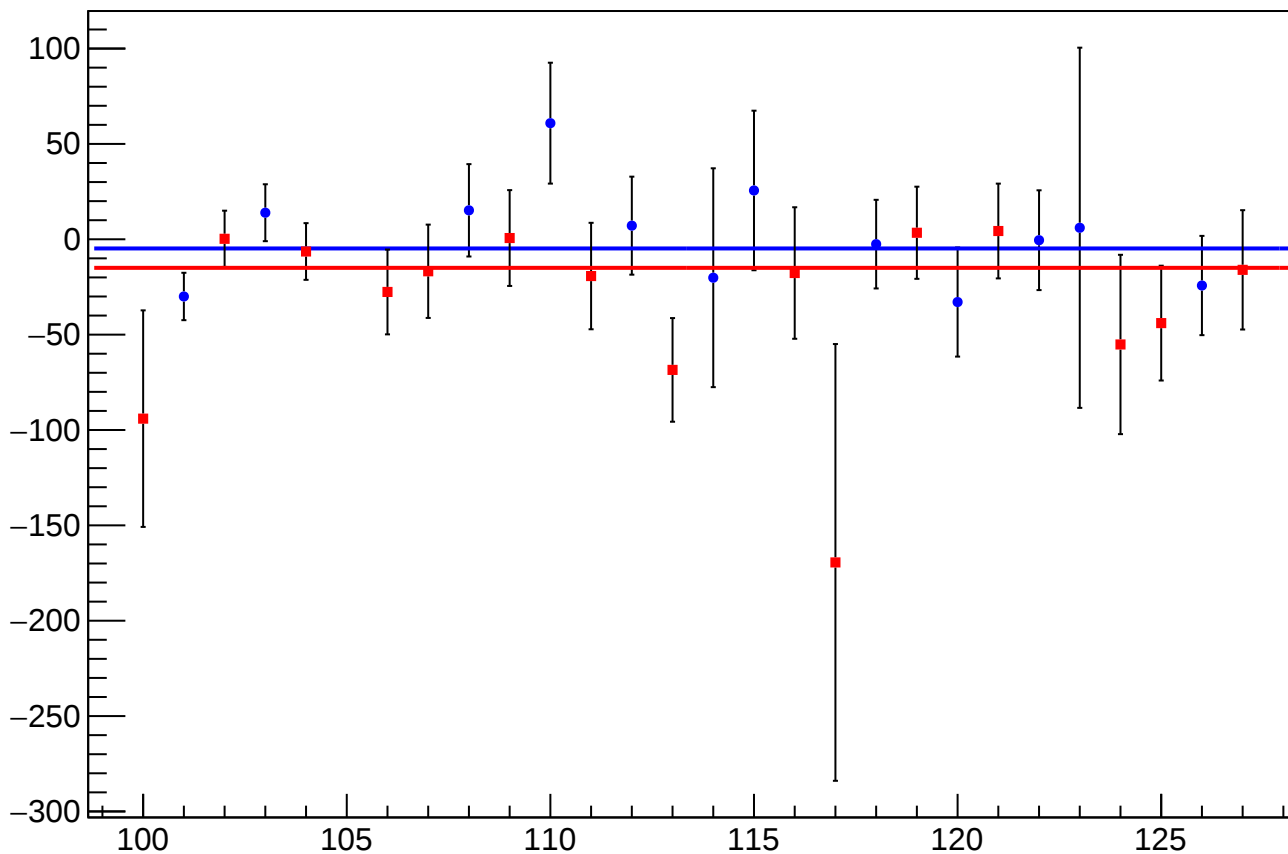
Right Out: 7076.960+/-2.233 χ^2/NDF : 398297.1/14

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

7176.031+/-2.497 χ^2/NDF : 278098.2/11

7076.960+/-2.233 χ^2/NDF : 398297.1/14

diff_bpm1X_mean vs Slug



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

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

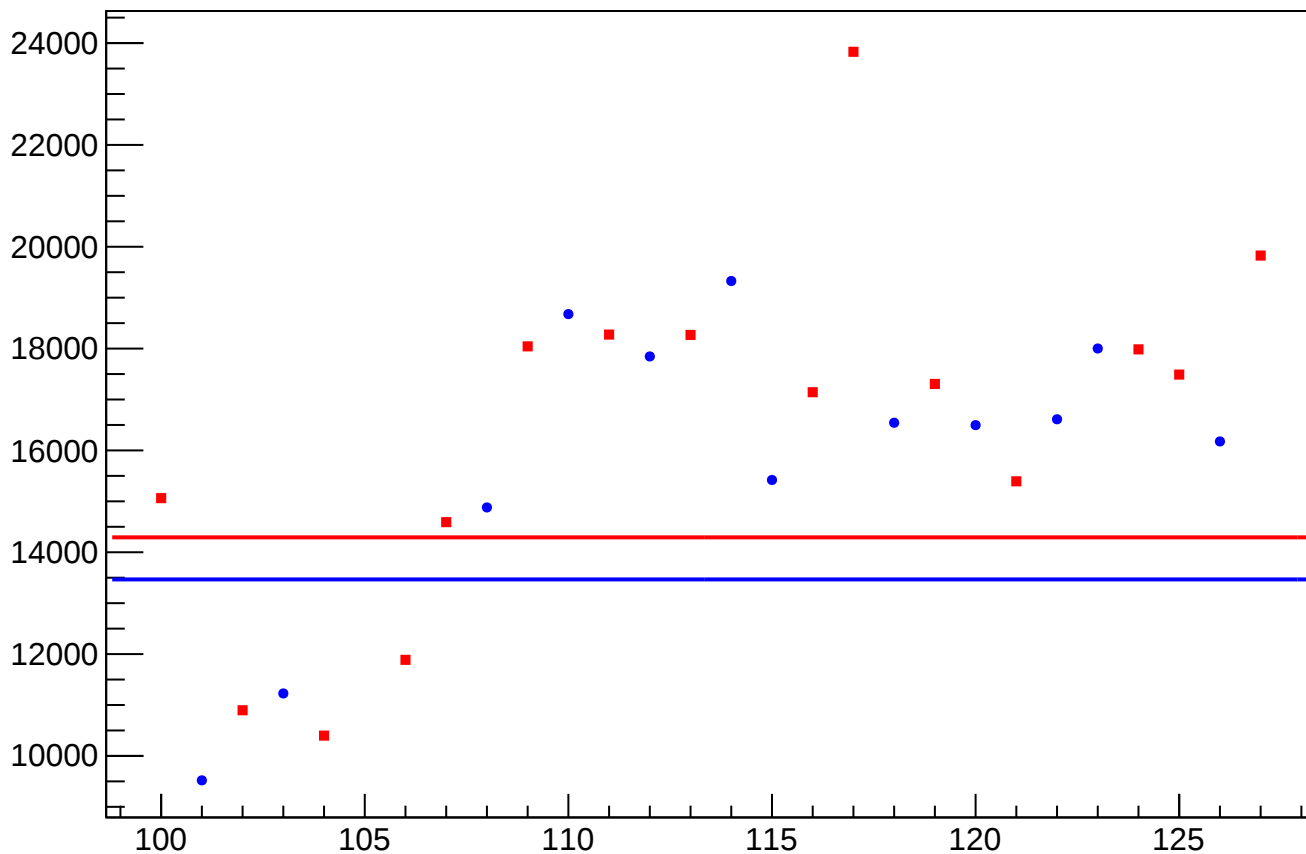
Right Out: -14.977+/-6.431 χ^2/NDF : 12.6/14

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

-4.811+/-6.713 χ^2/NDF : 13.1/11

-14.977+/-6.431 χ^2/NDF : 12.6/14

diff_bpm1X_rms vs Slug



Right In: 13466.322+/-4.747 χ^2/NDF : 503858.0/11

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

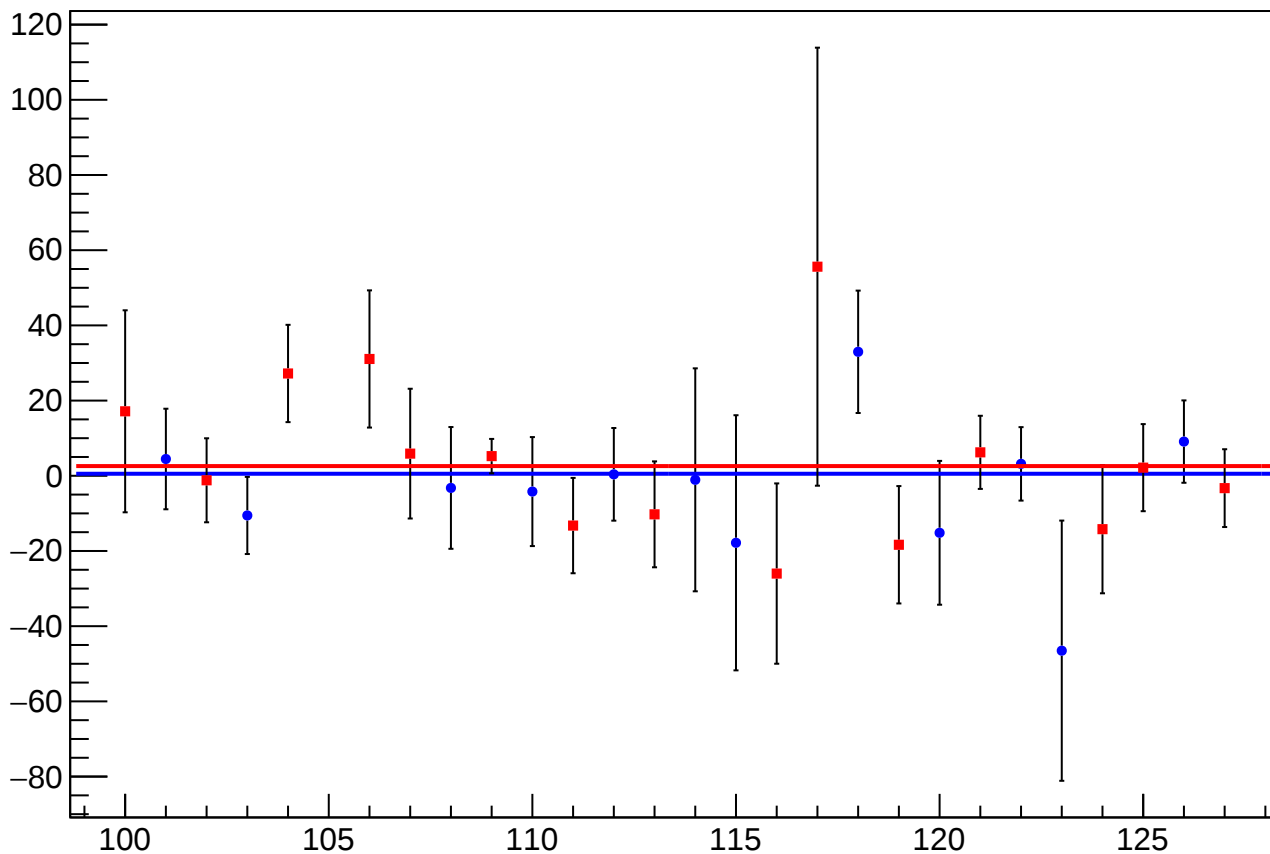
Right Out: 14292.718+/-4.548 χ^2/NDF : 555544.6/14

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

13466.322+/-4.747 χ^2/NDF : 503858.0/11

14292.718+/-4.548 χ^2/NDF : 555544.6/14

diff_bpm1Y_mean vs Slug



Right In: 0.540+/-4.138 χ^2/NDF : 8.9/11

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

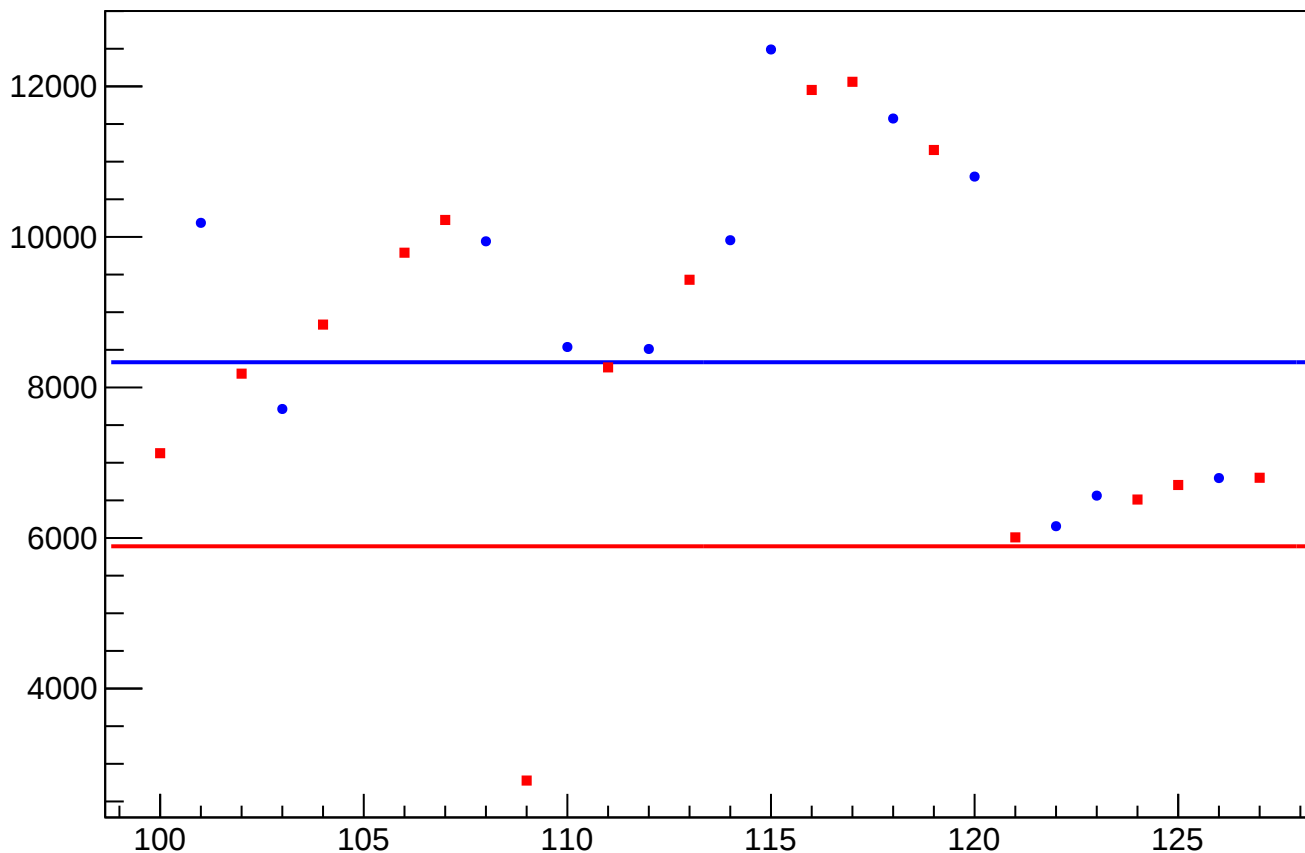
Right Out: 2.582+/-2.915 χ^2/NDF : 14.7/14

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

0.540+/-4.138 χ^2/NDF : 8.9/11

2.582+/-2.915 χ^2/NDF : 14.7/14

diff_bpm1Y_rms vs Slug



Right In: 8335.237 $\pm$ 2.926 χ^2 /NDF: 358675.8/11

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

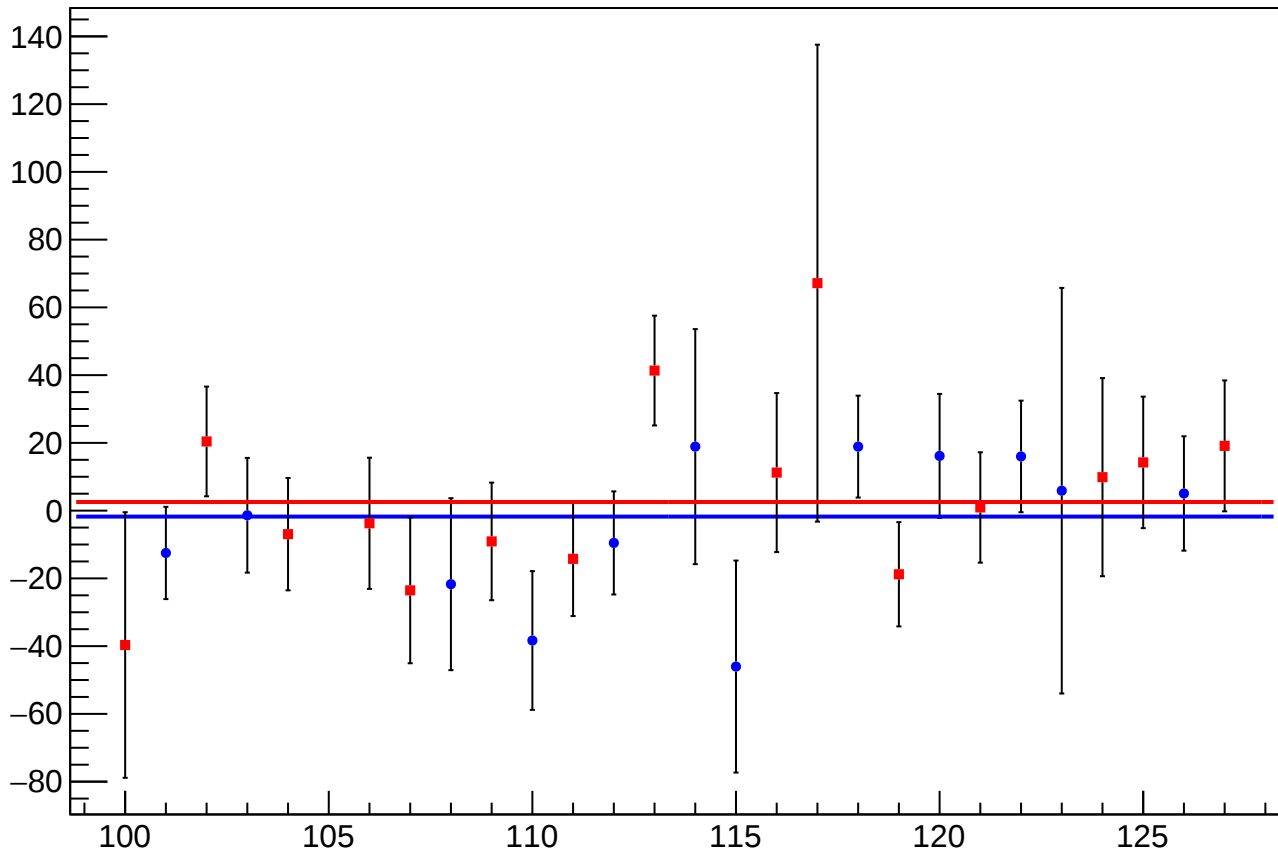
Right Out: 5889.918 $\pm$ 2.061 χ^2 /NDF: 1937153.1/14

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

8335.237 $\pm$ 2.926 χ^2 /NDF: 358675.8/11

5889.918 $\pm$ 2.061 χ^2 /NDF: 1937153.1/14

diff_bpm11X_mean vs Slug



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

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

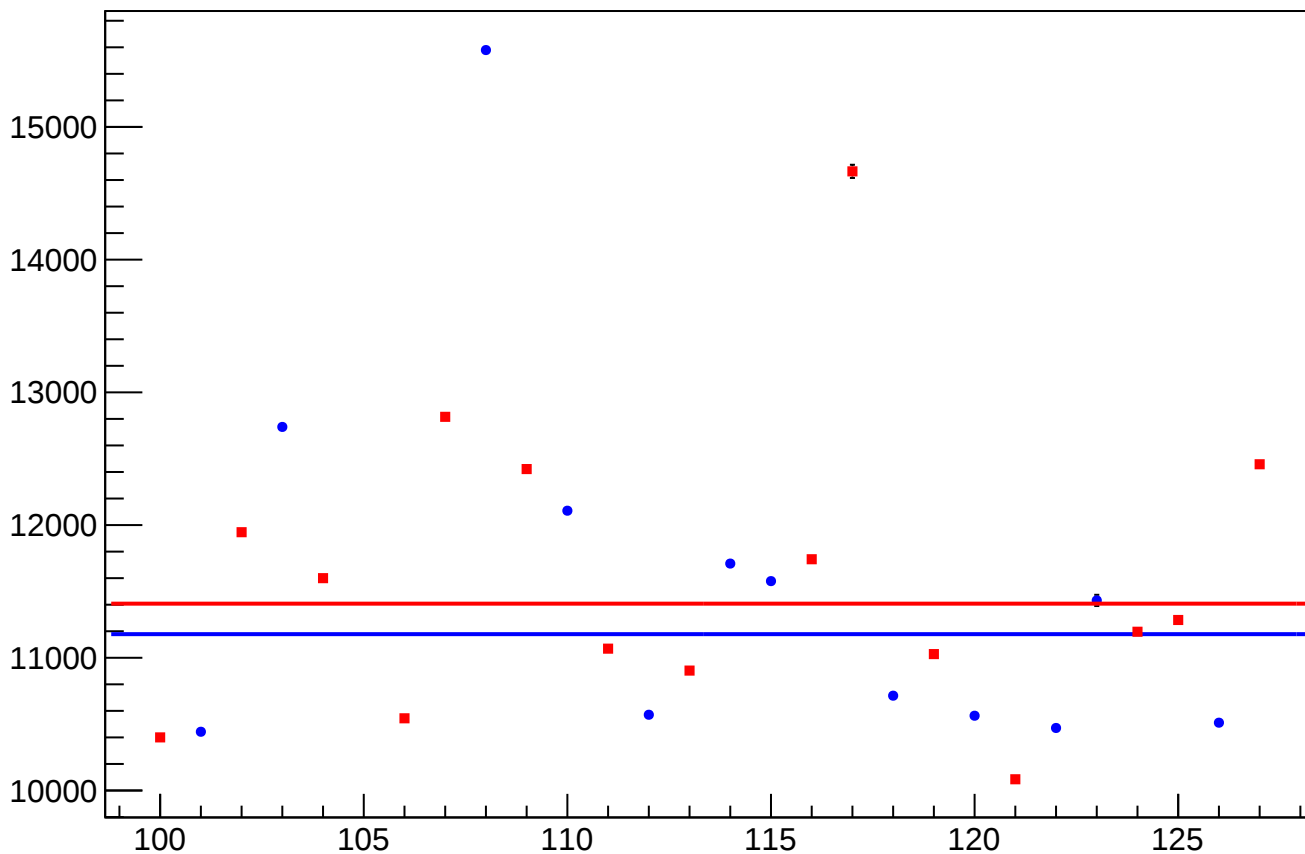
Right Out: 2.552+/-4.996 χ^2/NDF : 15.5/14

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

-1.758+/-5.434 χ^2/NDF : 11.2/11

2.552+/-4.996 χ^2/NDF : 15.5/14

diff_bpm11X_rms vs Slug



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

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

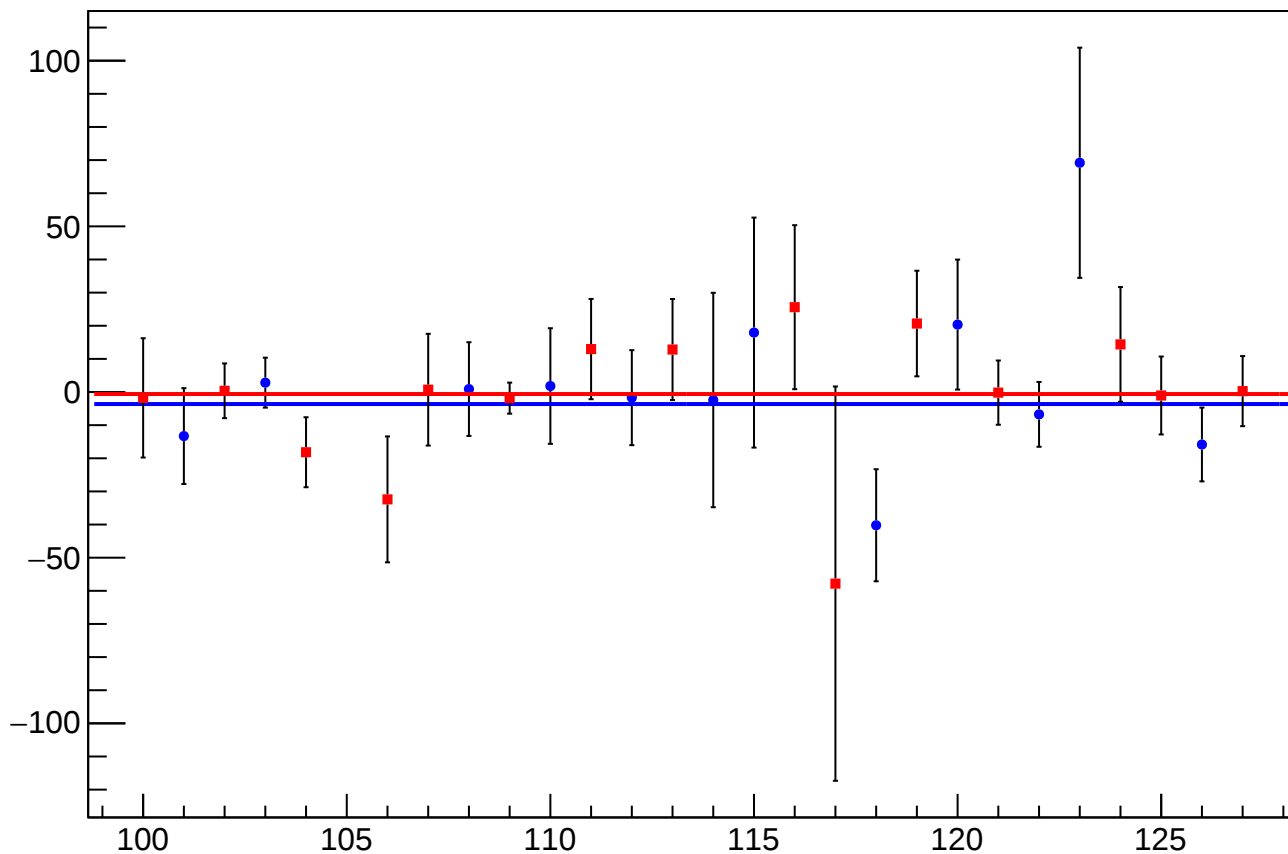
Right Out: 11407.879+/-3.532 χ^2/NDF : 51108.3/14

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

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

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

diff_bpm11Y_mean vs Slug



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

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

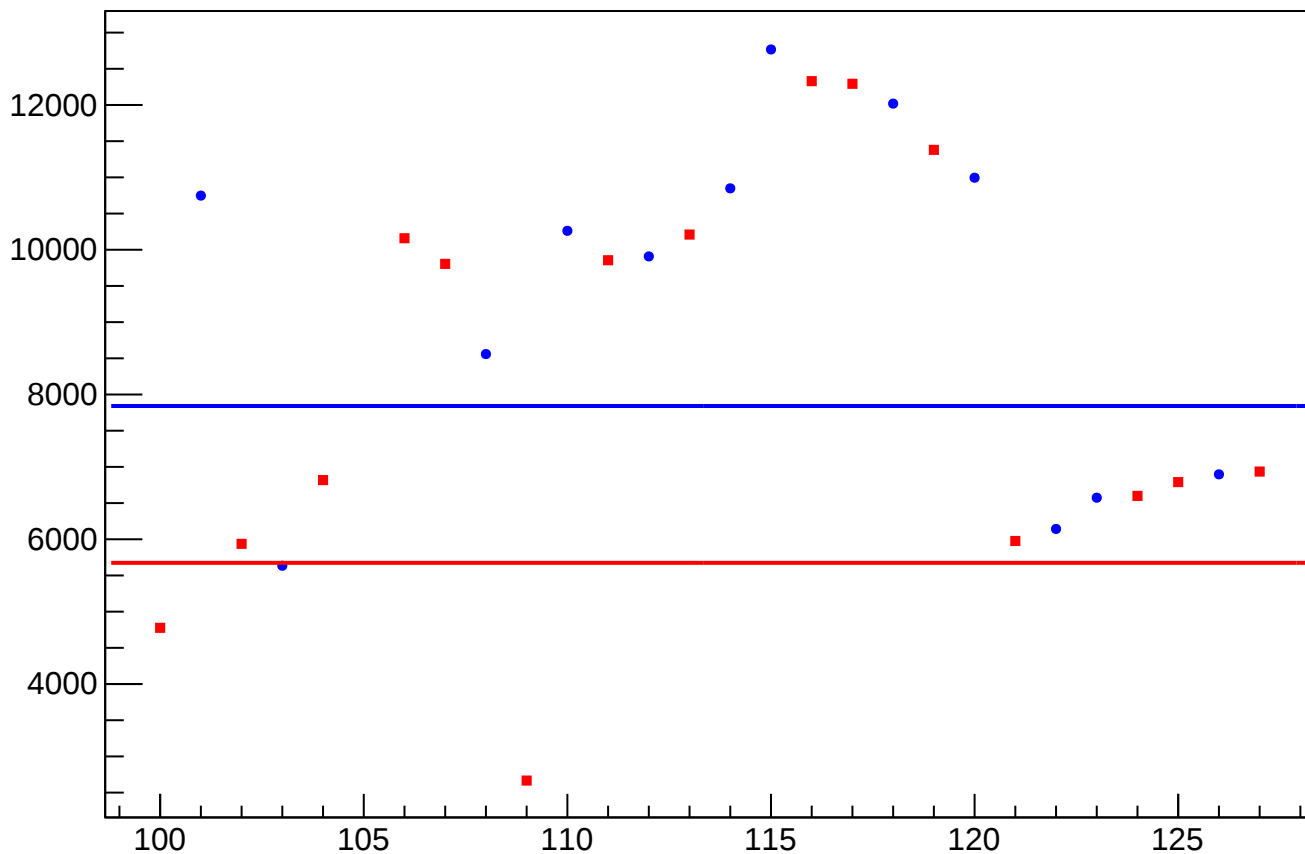
Right Out: -0.607+/-2.849 χ^2 /NDF: 11.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.628+/-3.992 χ^2 /NDF: 13.7/11

-0.607+/-2.849 χ^2 /NDF: 11.8/14

diff_bpm11Y_rms vs Slug



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

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

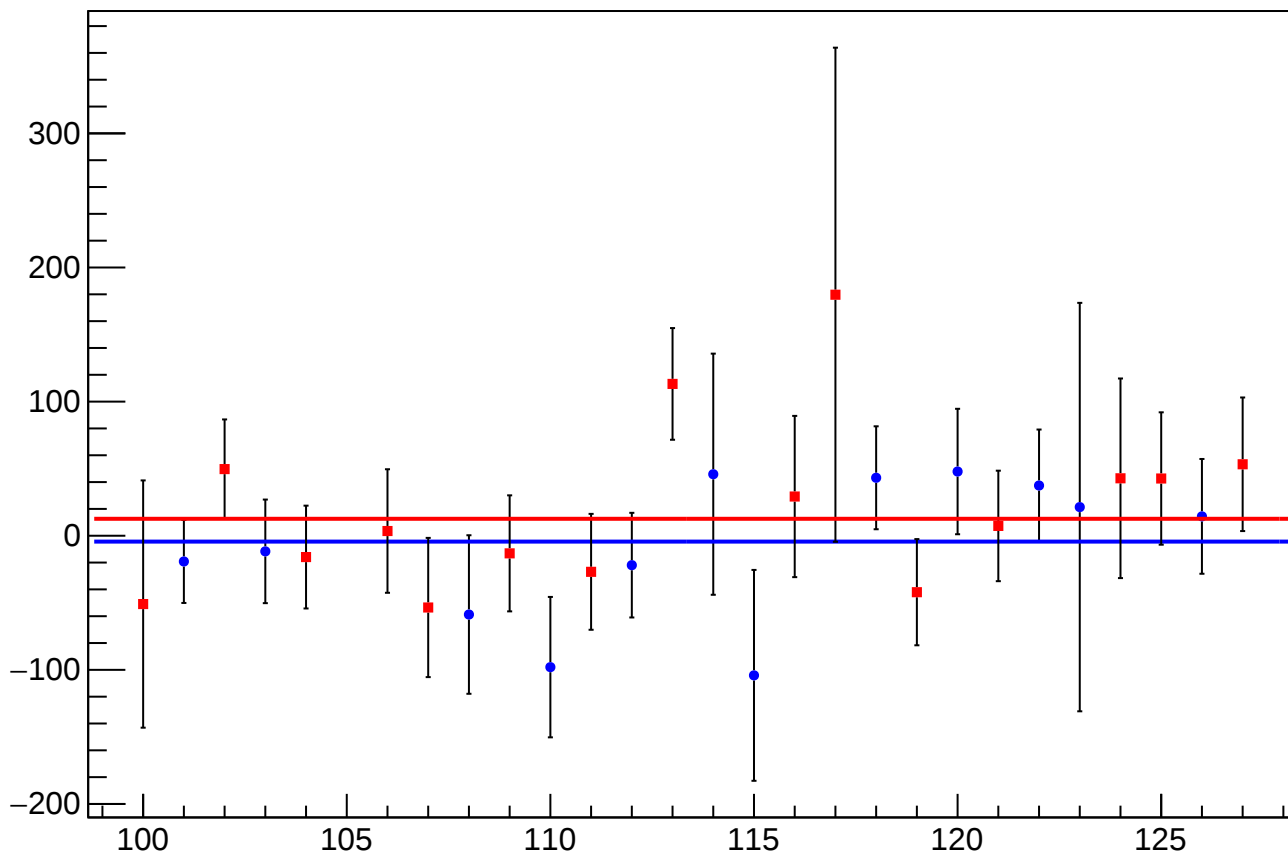
Right Out: 5674.614+/-2.015 χ^2/NDF : 1894828.2/14

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

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

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

diff_bpm12X_mean vs Slug



Right In: -4.369+/-13.352 χ^2/NDF : 10.4/11

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

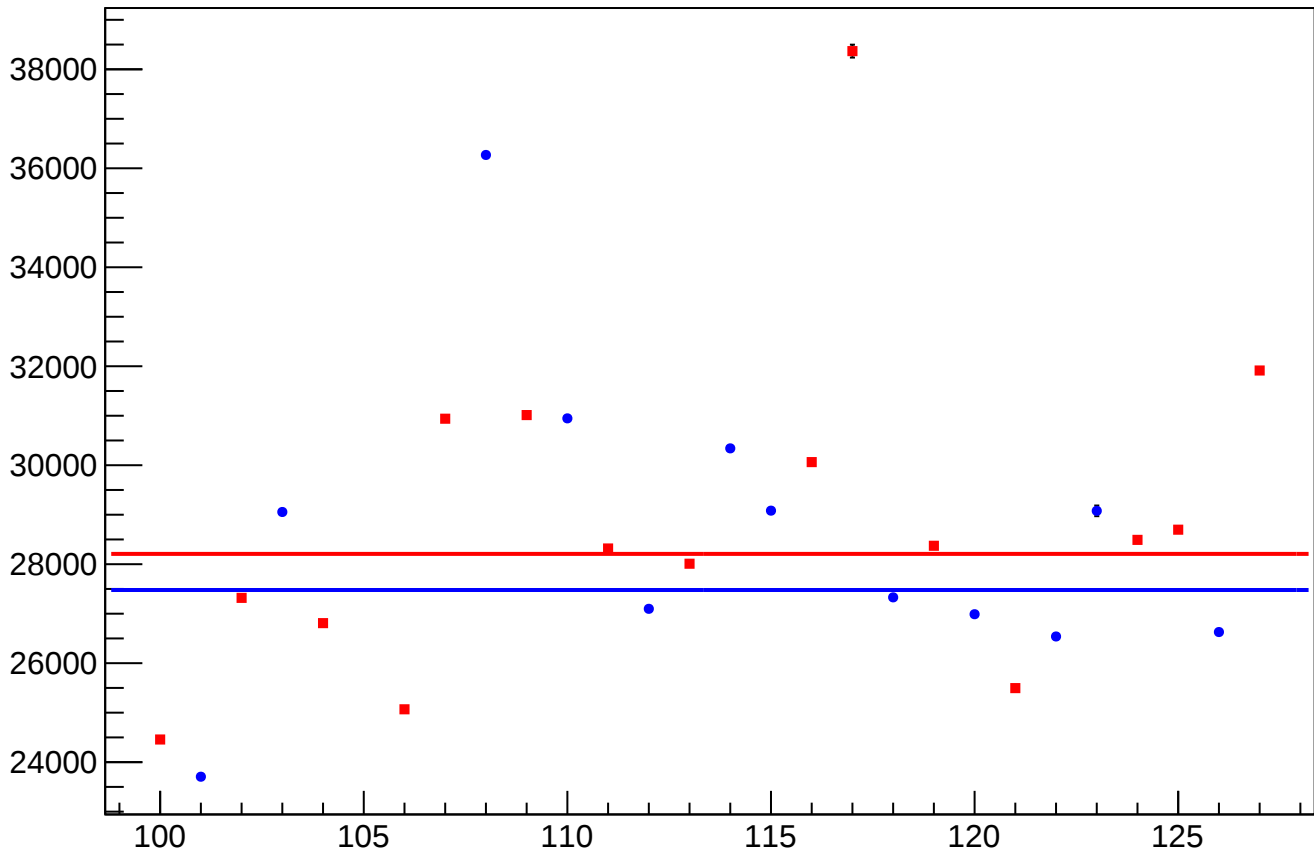
Right Out: 12.632+/-12.361 χ^2/NDF : 14.7/14

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

-4.369+/-13.352 χ^2/NDF : 10.4/11

12.632+/-12.361 χ^2/NDF : 14.7/14

diff_bpm12X_rms vs Slug



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

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

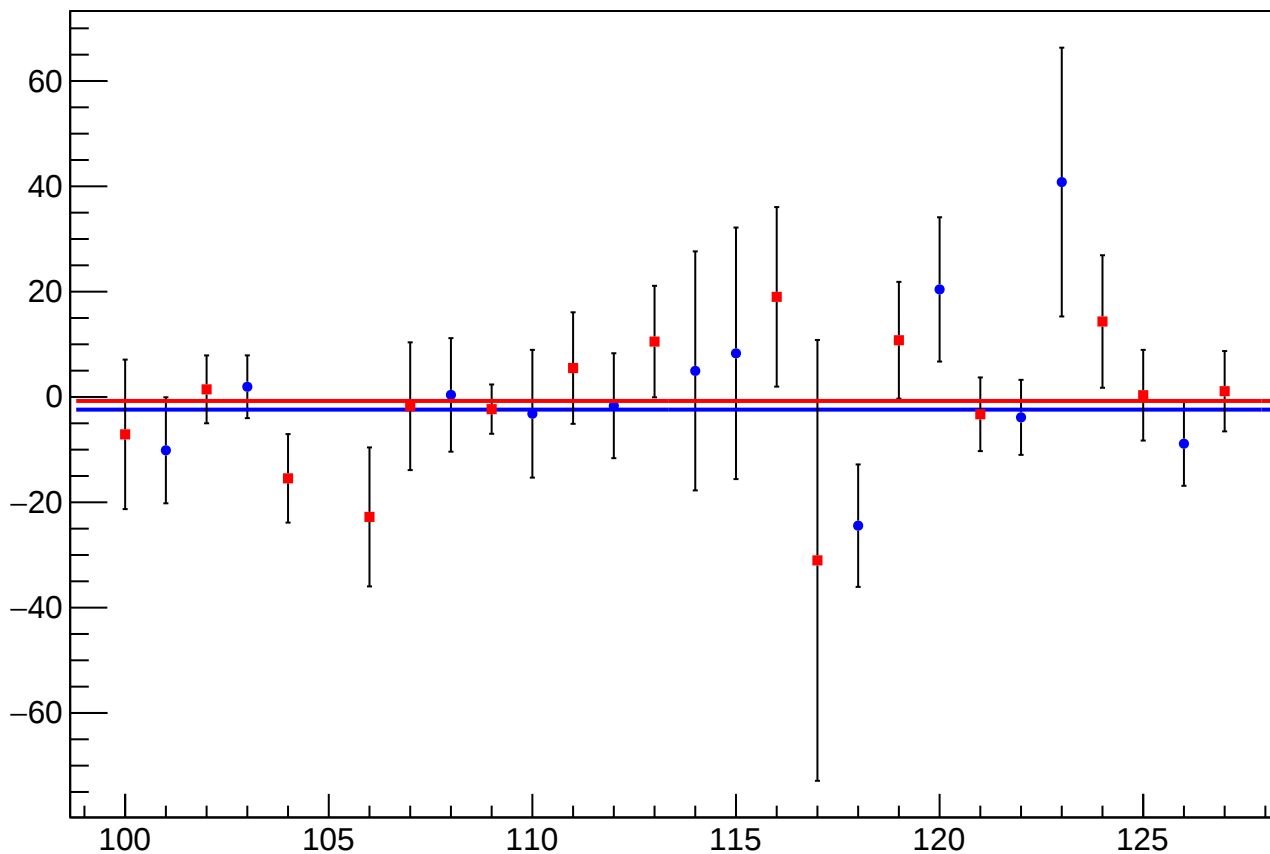
Right Out: 28208.287+/-8.740 χ^2/NDF : 58420.7/14

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

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

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

diff_bpm12Y_mean vs Slug



Right In: -2.400+/-2.926 χ^2 /NDF: 11.4/11

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

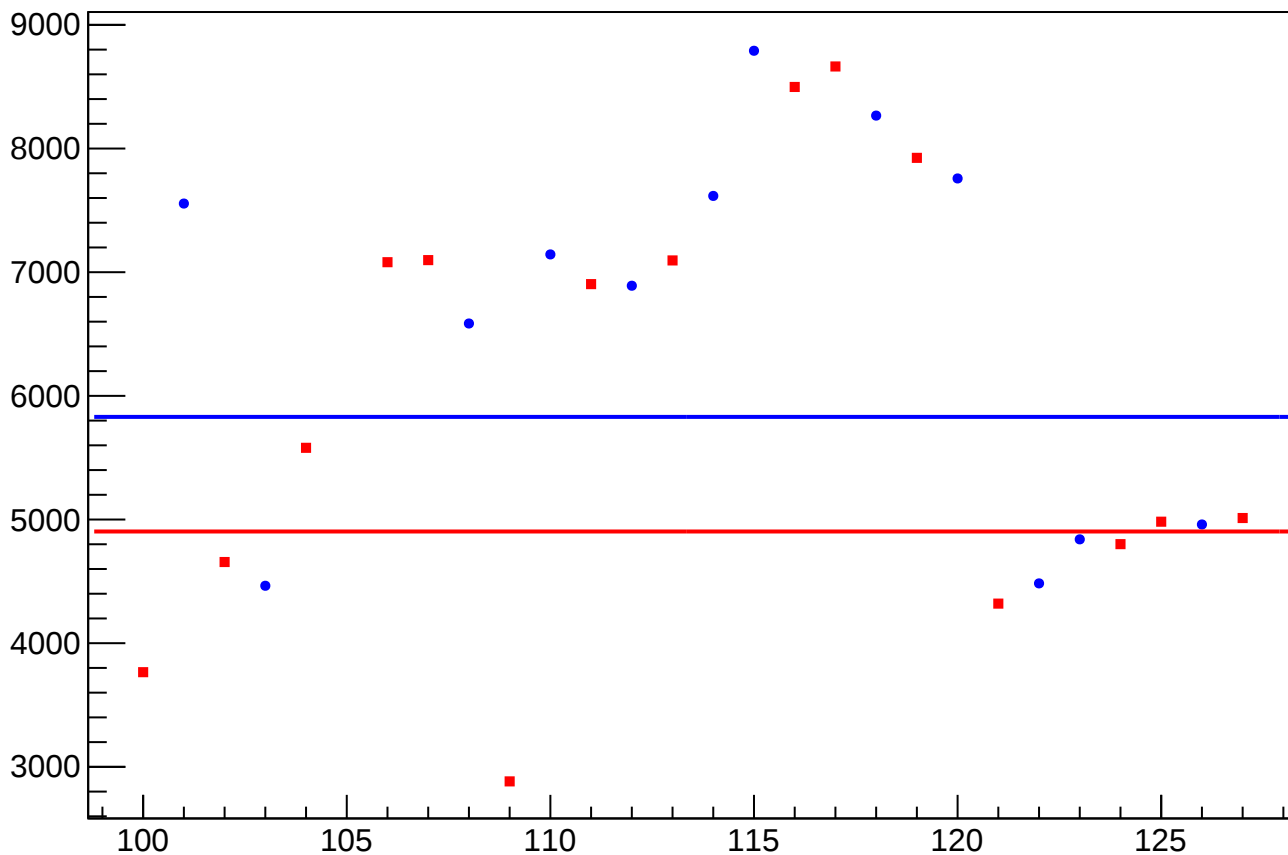
Right Out: -0.753+/-2.301 χ^2 /NDF: 12.4/14

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

-2.400+/-2.926 χ^2 /NDF: 11.4/11

-0.753+/-2.301 χ^2 /NDF: 12.4/14

diff_bpm12Y_rms vs Slug



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

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

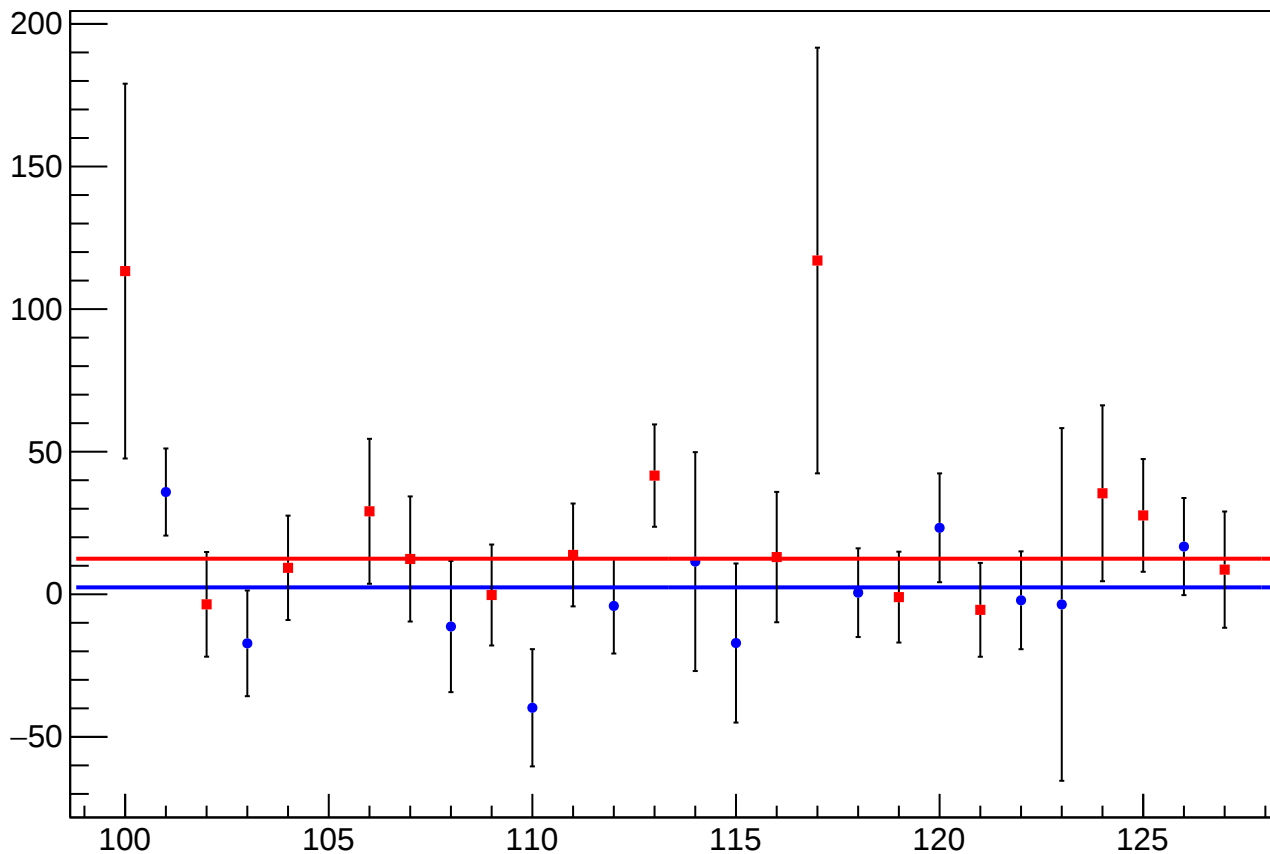
Right Out: 4903.283+/-1.627 χ^2/NDF : 946868.0/14

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

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

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

diff_bpm16X_mean vs Slug



Right In: 2.429+/-5.680 χ^2/NDF : 13.2/11

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

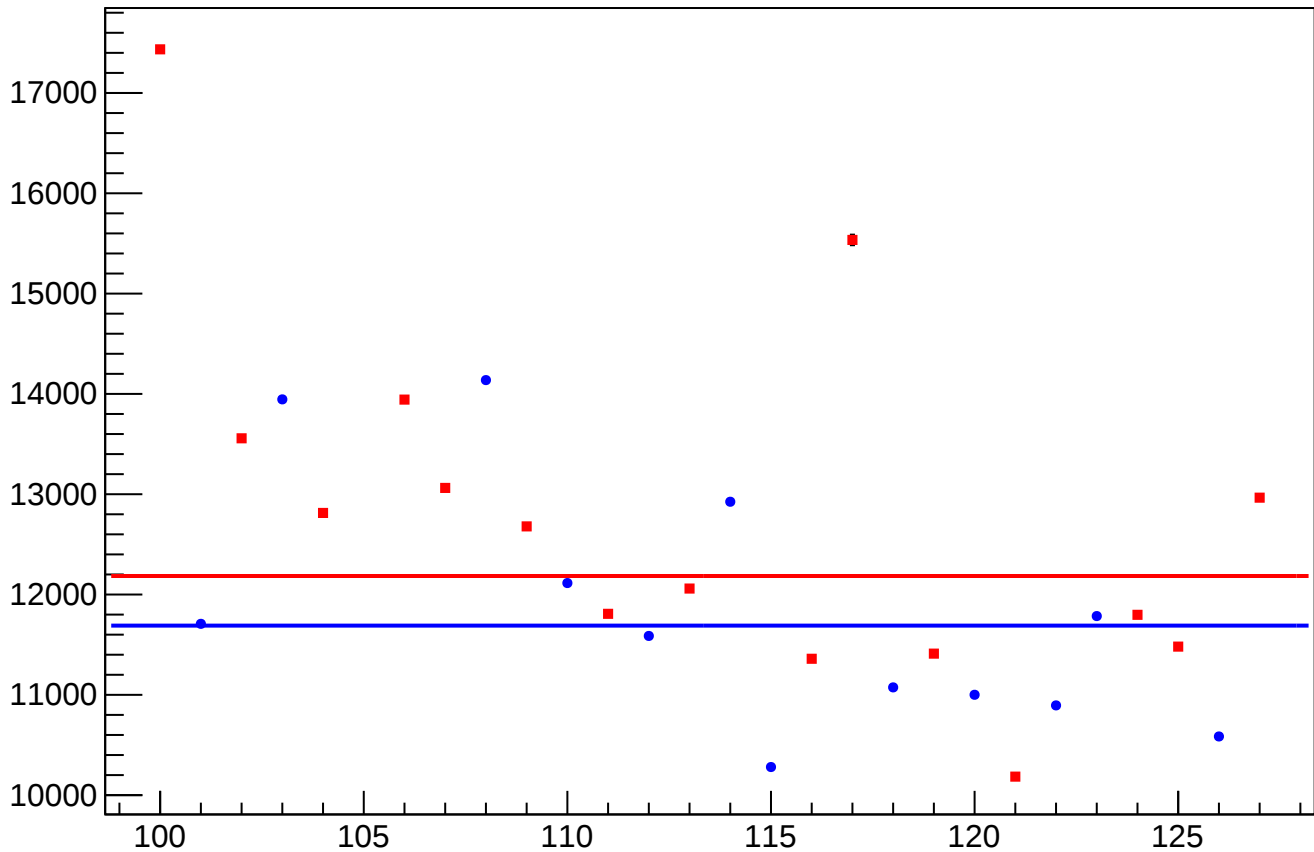
Right Out: 12.481+/-5.350 χ^2/NDF : 11.8/14

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

2.429+/-5.680 χ^2/NDF : 13.2/11

12.481+/-5.350 χ^2/NDF : 11.8/14

diff_bpm16X_rms vs Slug



Right In: 11690.140 $\pm$ 4.017 χ^2 /NDF: 78821.1/11

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

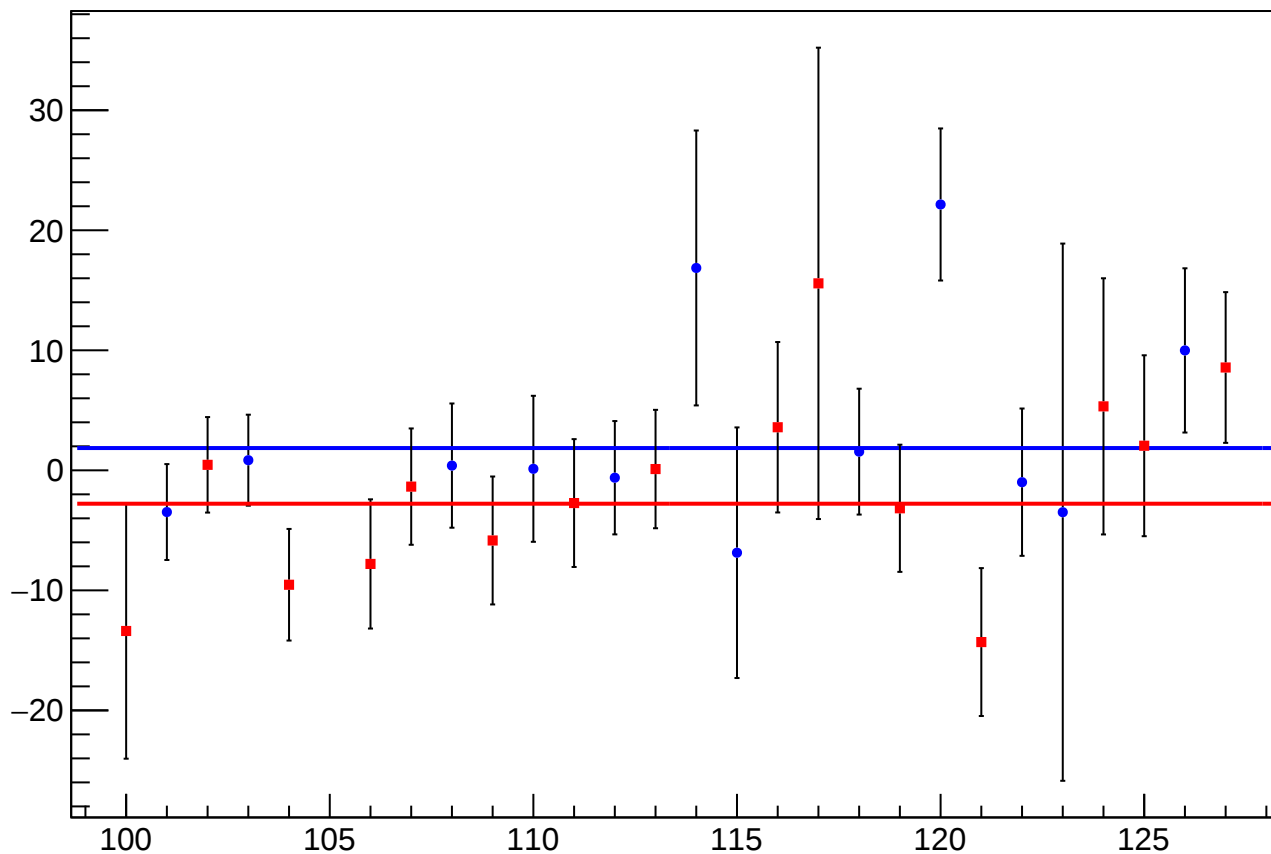
Right Out: 12184.715 $\pm$ 3.783 χ^2 /NDF: 88328.0/14

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

11690.140 $\pm$ 4.017 χ^2 /NDF: 78821.1/11

12184.715 $\pm$ 3.783 χ^2 /NDF: 88328.0/14

diff_bpm16Y_mean vs Slug



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

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

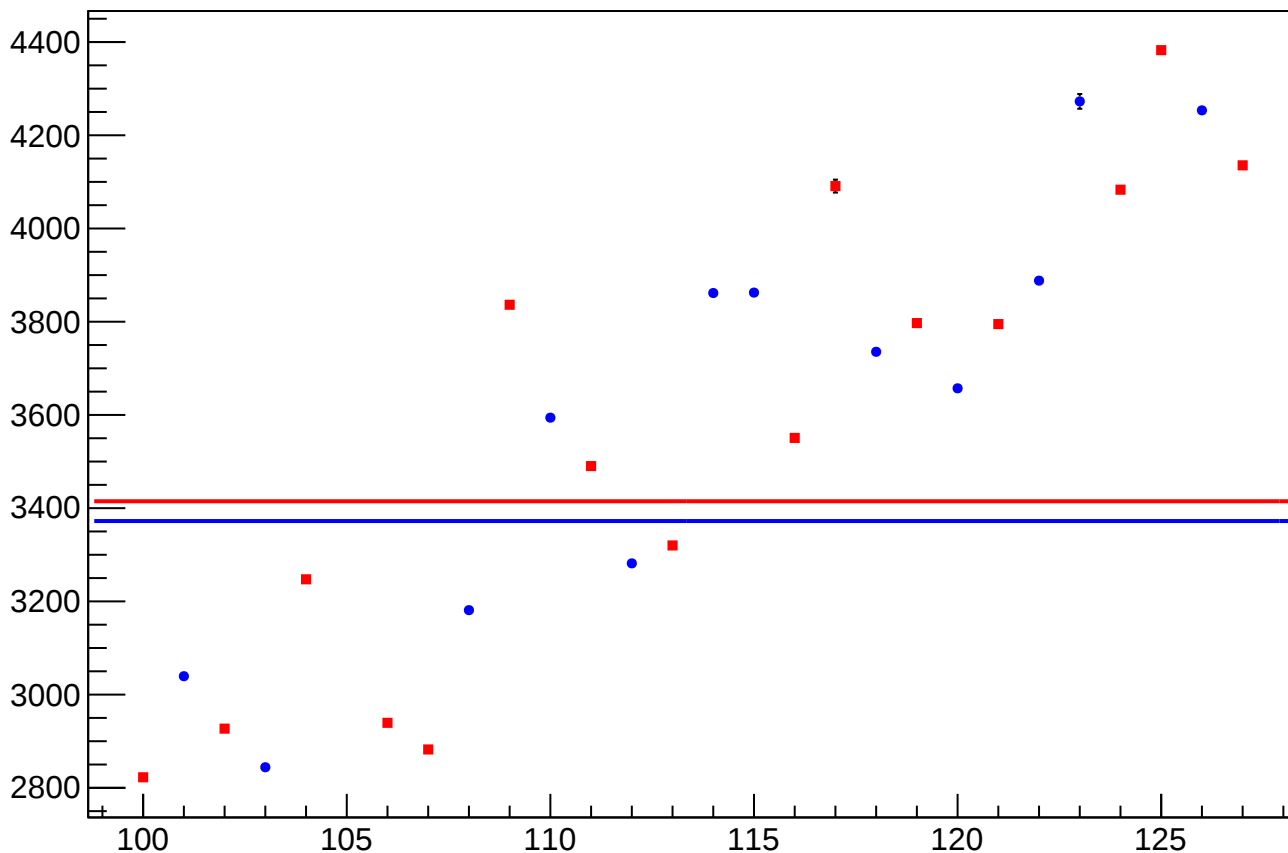
Right Out: -2.781+/-1.502 χ^2/NDF : 14.8/14

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

1.856+/-1.645 χ^2/NDF : 16.7/11

-2.781+/-1.502 χ^2/NDF : 14.8/14

diff_bpm16Y_rms vs Slug



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

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

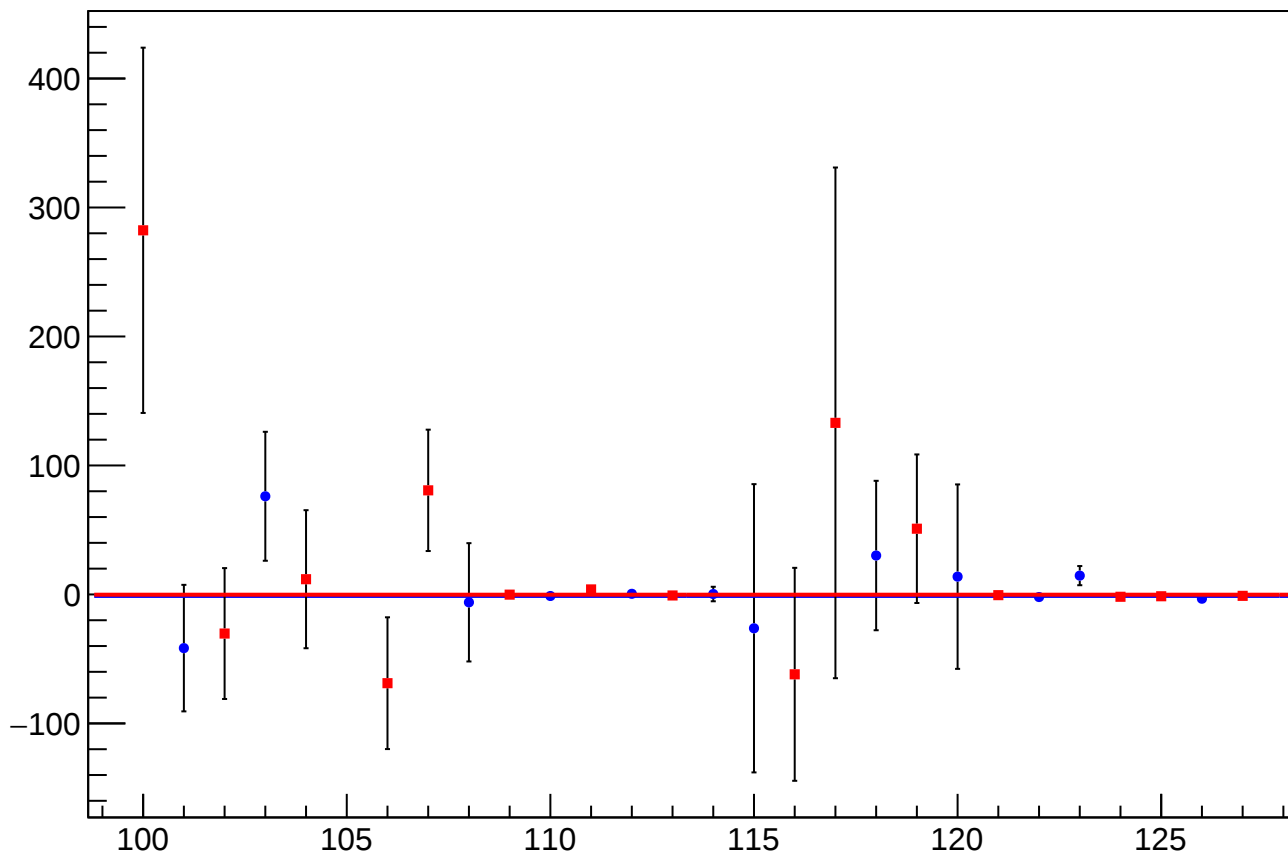
Right Out: 3414.823+/-1.062 χ^2/NDF : 180572.3/14

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

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

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

diff_bpm1p02bX_mean vs Slug



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

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

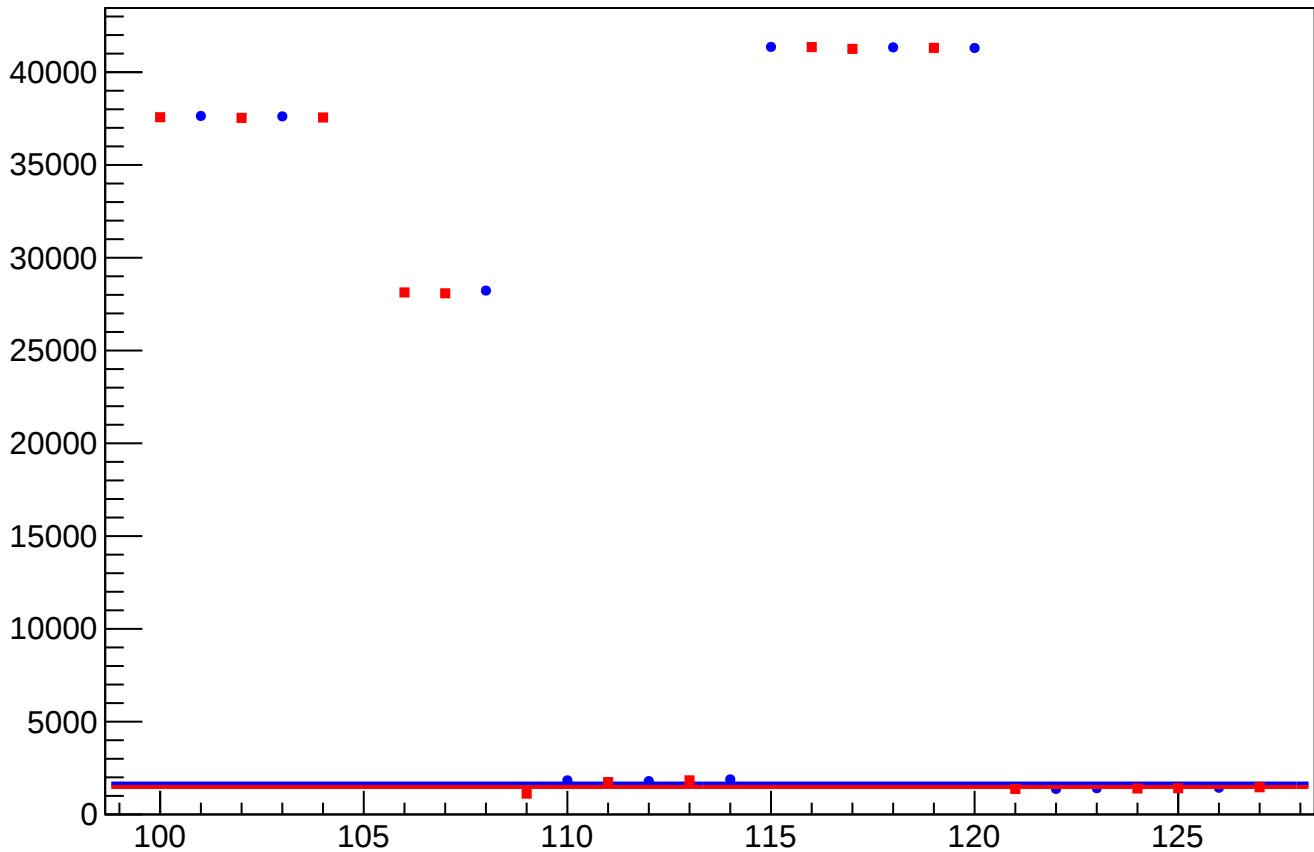
Right Out: -0.209+/-0.922 χ^2 /NDF: 14.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.147+/-1.193 χ^2 /NDF: 9.5/11

-0.209+/-0.922 χ^2 /NDF: 14.0/14

diff_bpm1p02bX_rms vs Slug



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

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

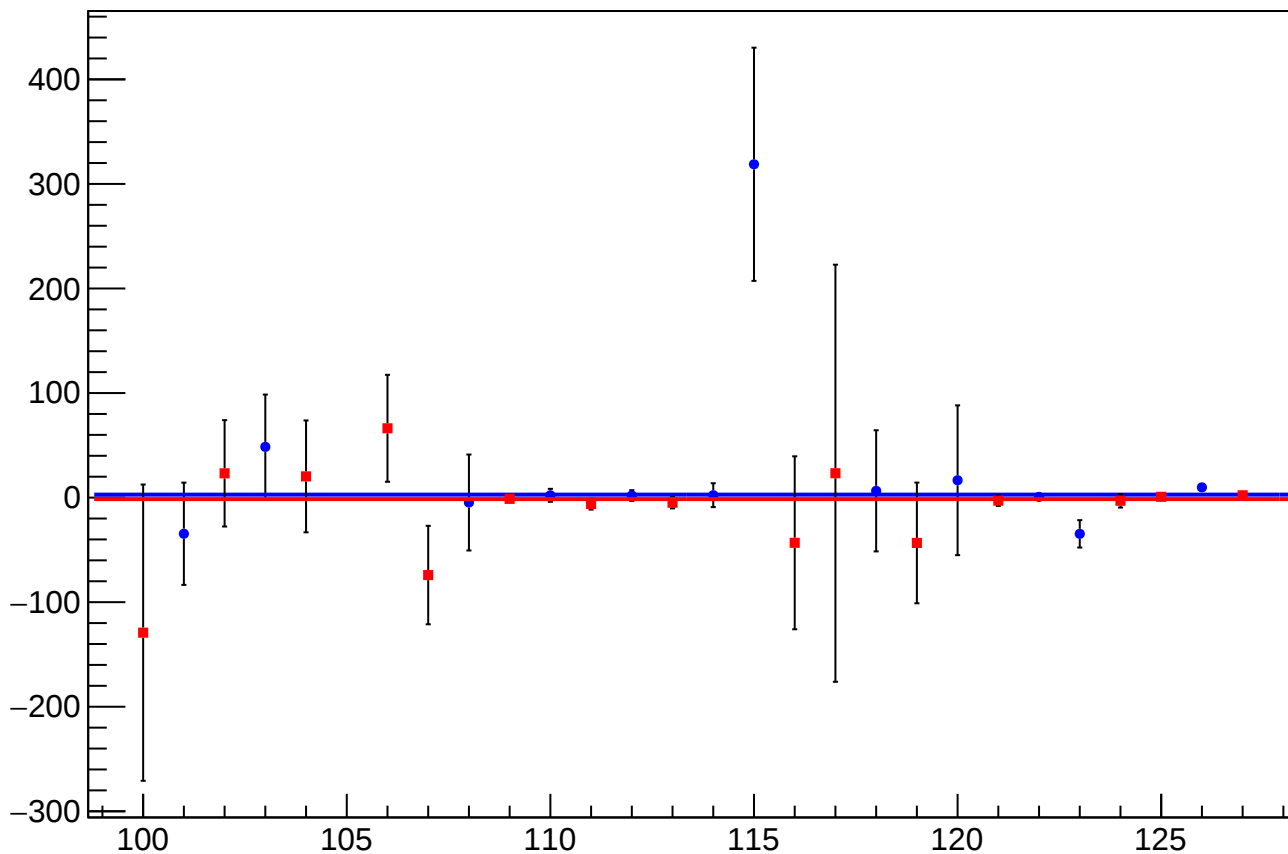
1666.506+/-0.844 χ^2/NDF : 4658043.9/11

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

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

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

diff_bpm1p02bY_mean vs Slug



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

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

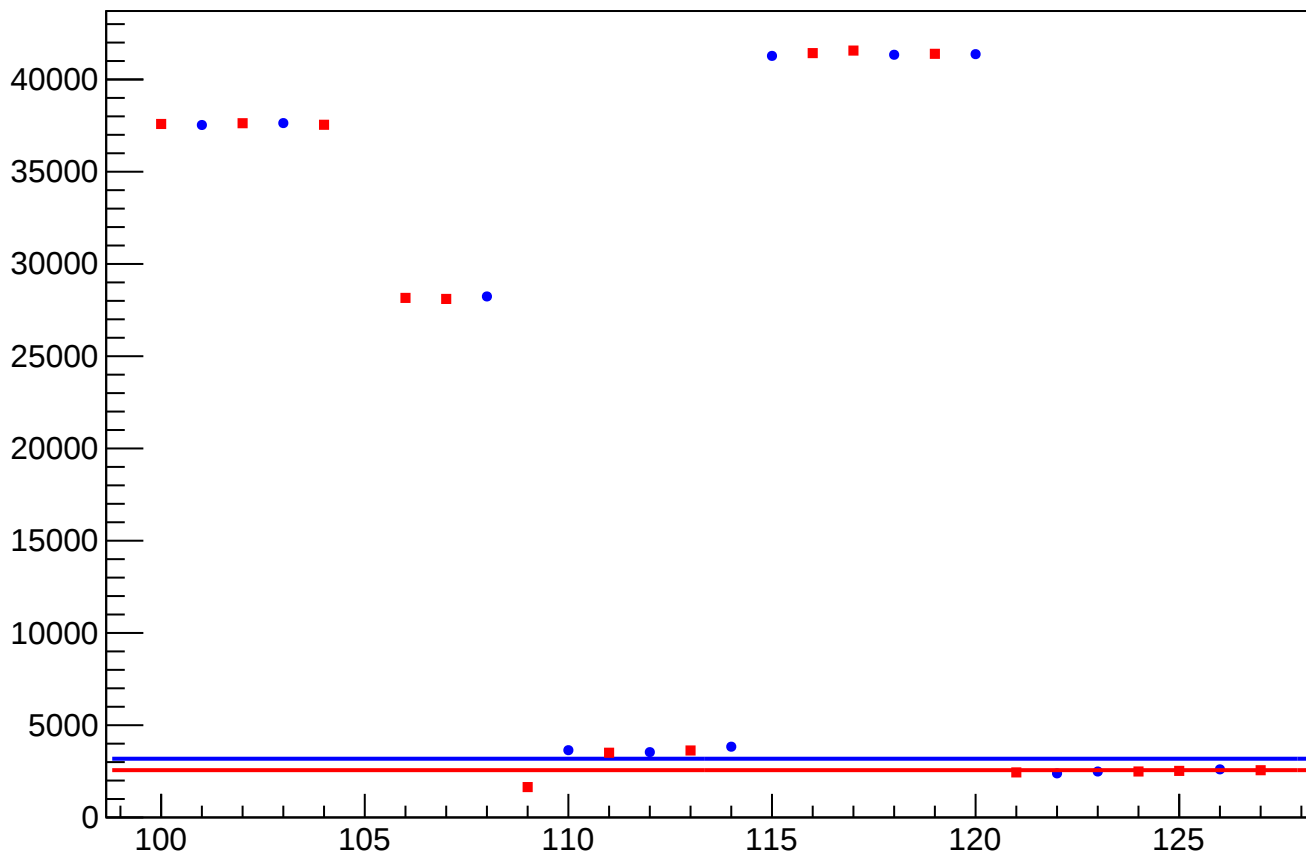
Right Out: -1.424+/-1.597 χ^2/NDF : 8.6/14

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

2.839+/-2.200 χ^2/NDF : 20.8/11

-1.424+/-1.597 χ^2/NDF : 8.6/14

diff_bpm1p02bY_rms vs Slug



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

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

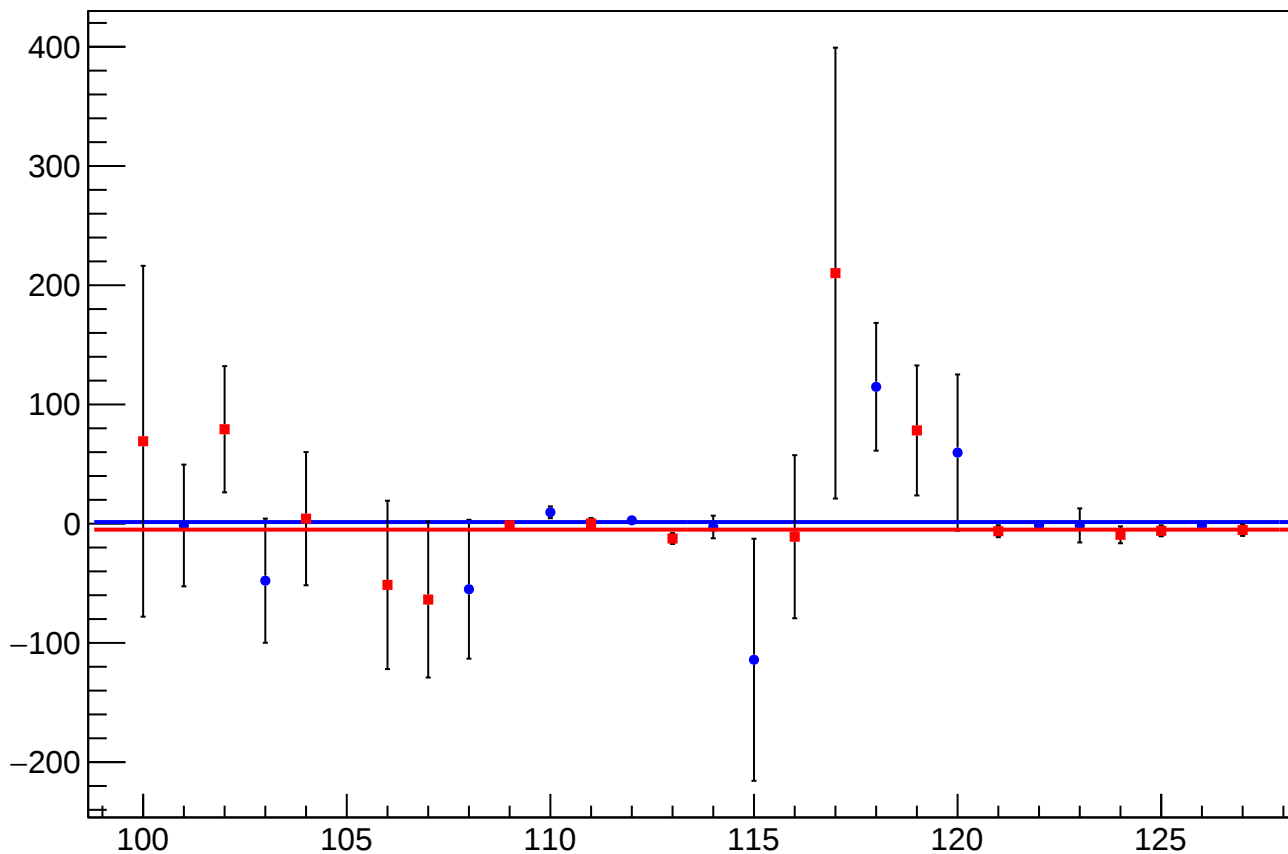
Right Out: 2563.593+/-1.130 χ^2/NDF : 4815874.5/14

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

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

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

diff_bpm1p03aX_mean vs Slug



Right In: 1.367+/-2.046 χ^2/NDF : 12.6/11

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

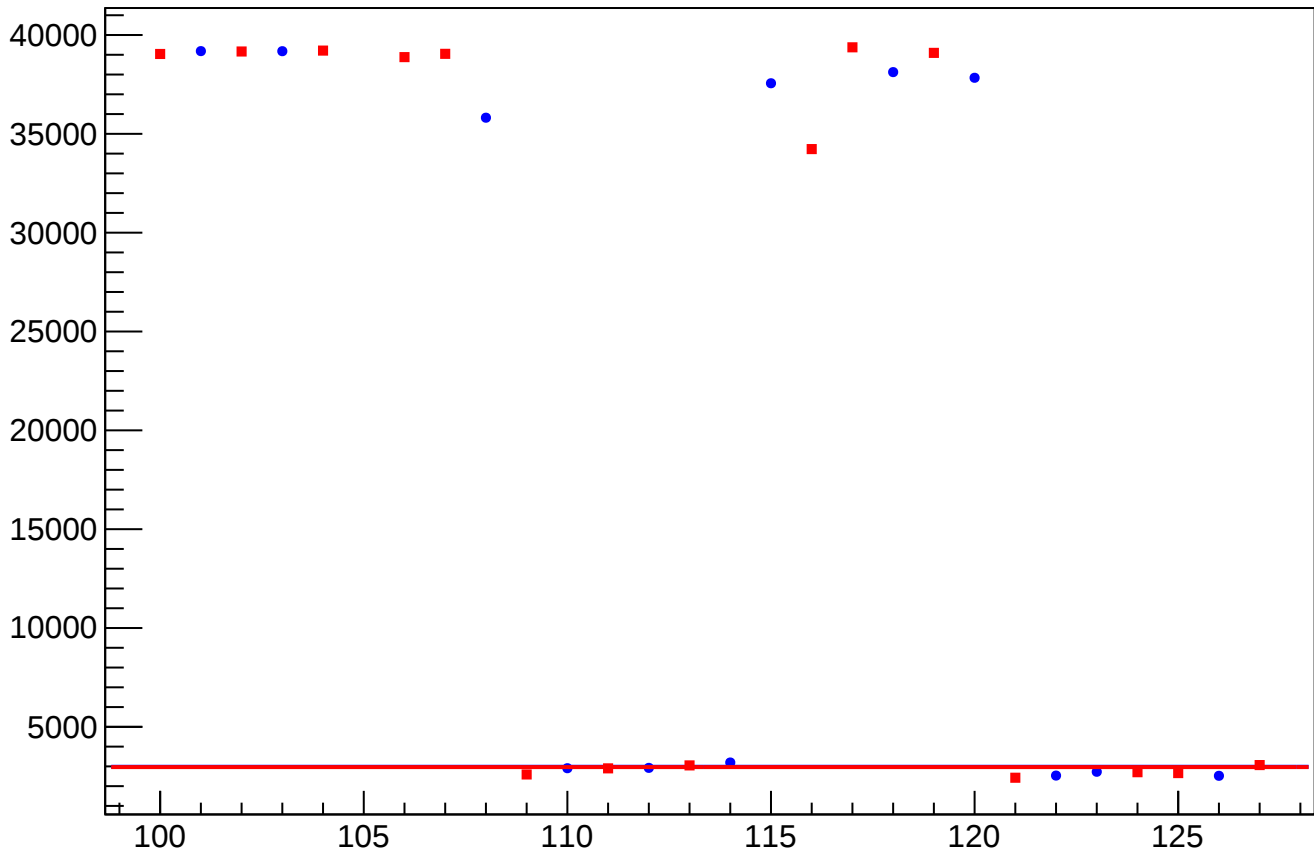
Right Out: -4.991+/-1.768 χ^2/NDF : 13.2/14

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

1.367+/-2.046 χ^2/NDF : 12.6/11

-4.991+/-1.768 χ^2/NDF : 13.2/14

diff_bpm1p03aX_rms vs Slug



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

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

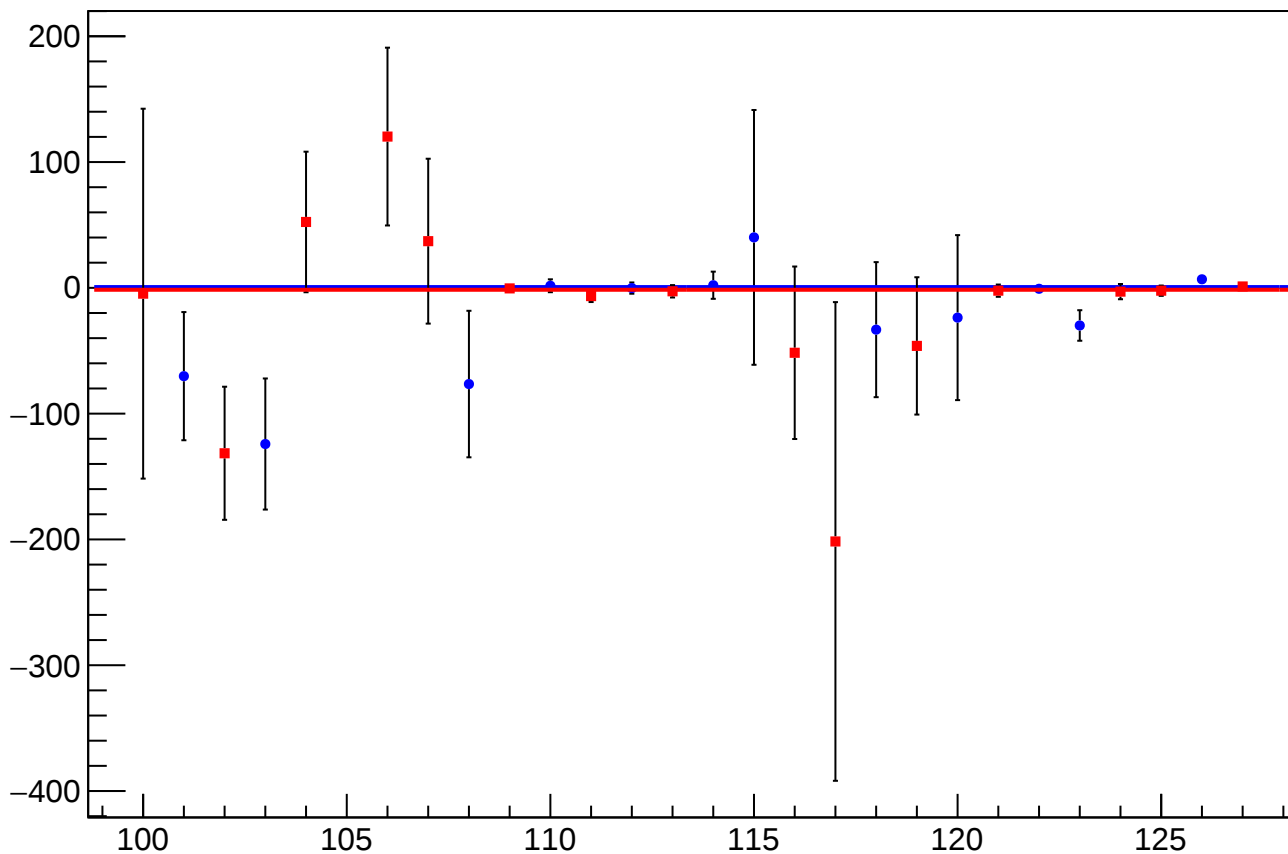
Right Out: 2964.157+/-1.250 χ^2/NDF : 4450130.3/14

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

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

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

diff_bpm1p03aY_mean vs Slug



Right In: 0.611+/-1.992 χ^2/NDF : 19.2/11

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

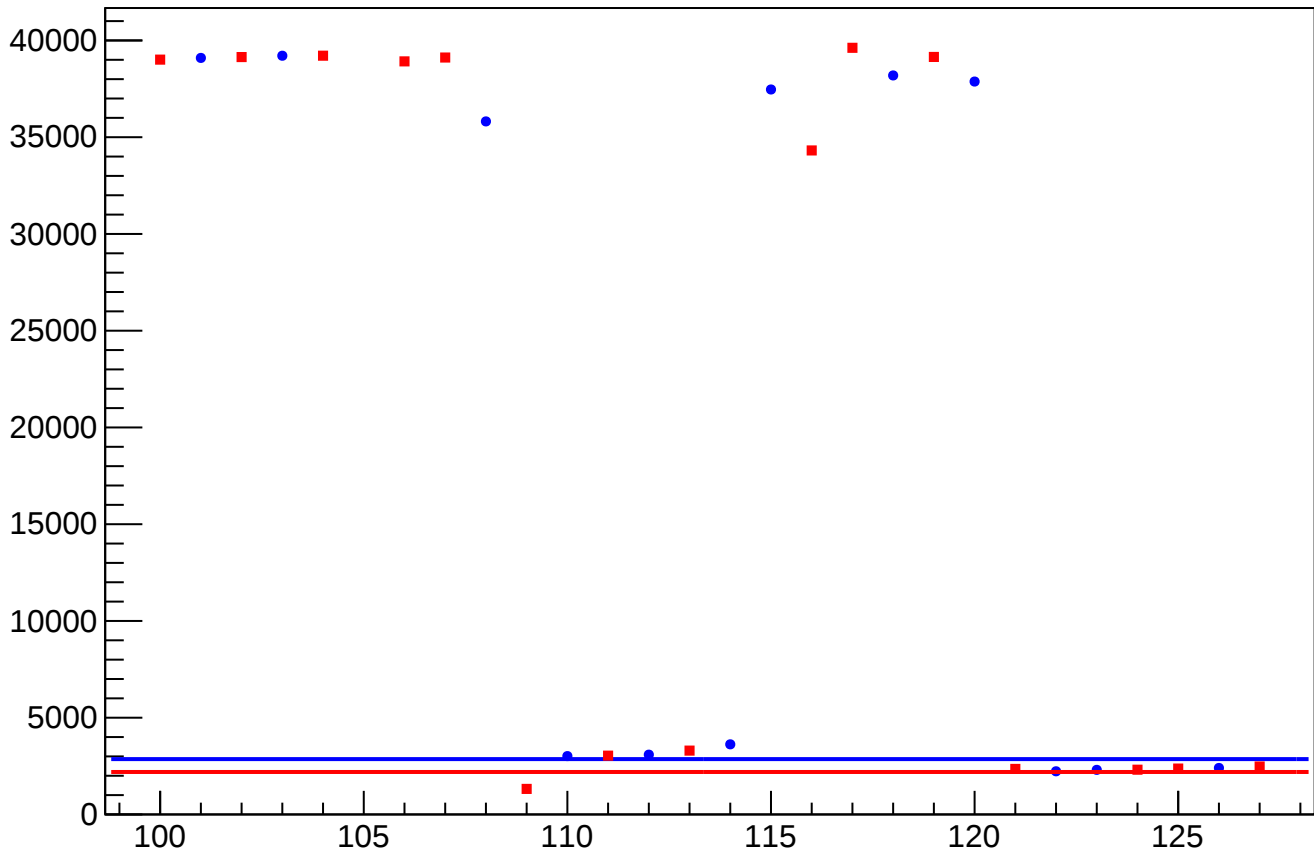
Right Out: -1.524+/-1.414 χ^2/NDF : 14.6/14

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

0.611+/-1.992 χ^2/NDF : 19.2/11

-1.524+/-1.414 χ^2/NDF : 14.6/14

diff_bpm1p03aY_rms vs Slug



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

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

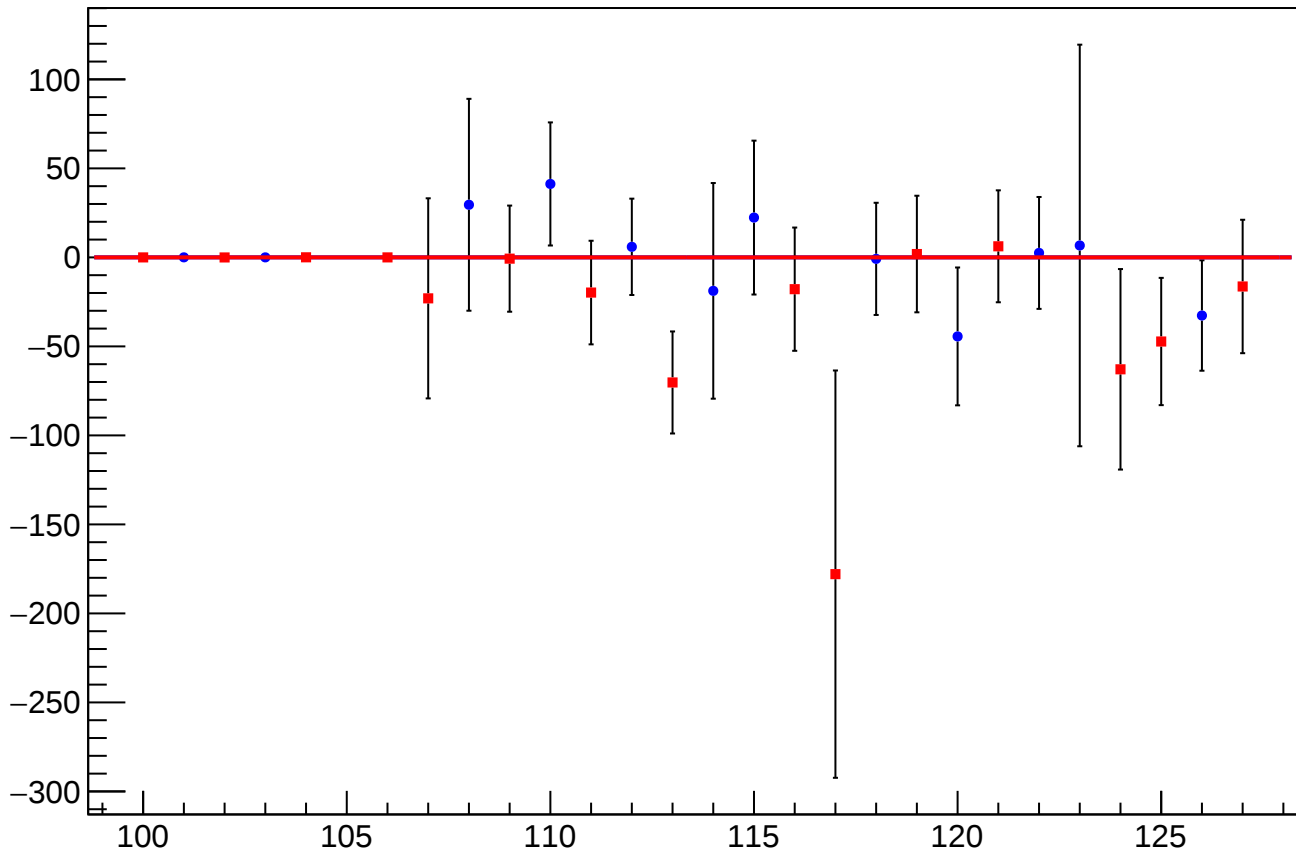
2860.627+/-1.408 χ^2/NDF : 4408508.4/11

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

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

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

diff_cav4bX_mean vs Slug



Right In: 0.013+/-0.017 χ^2/NDF : 4.7/11

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

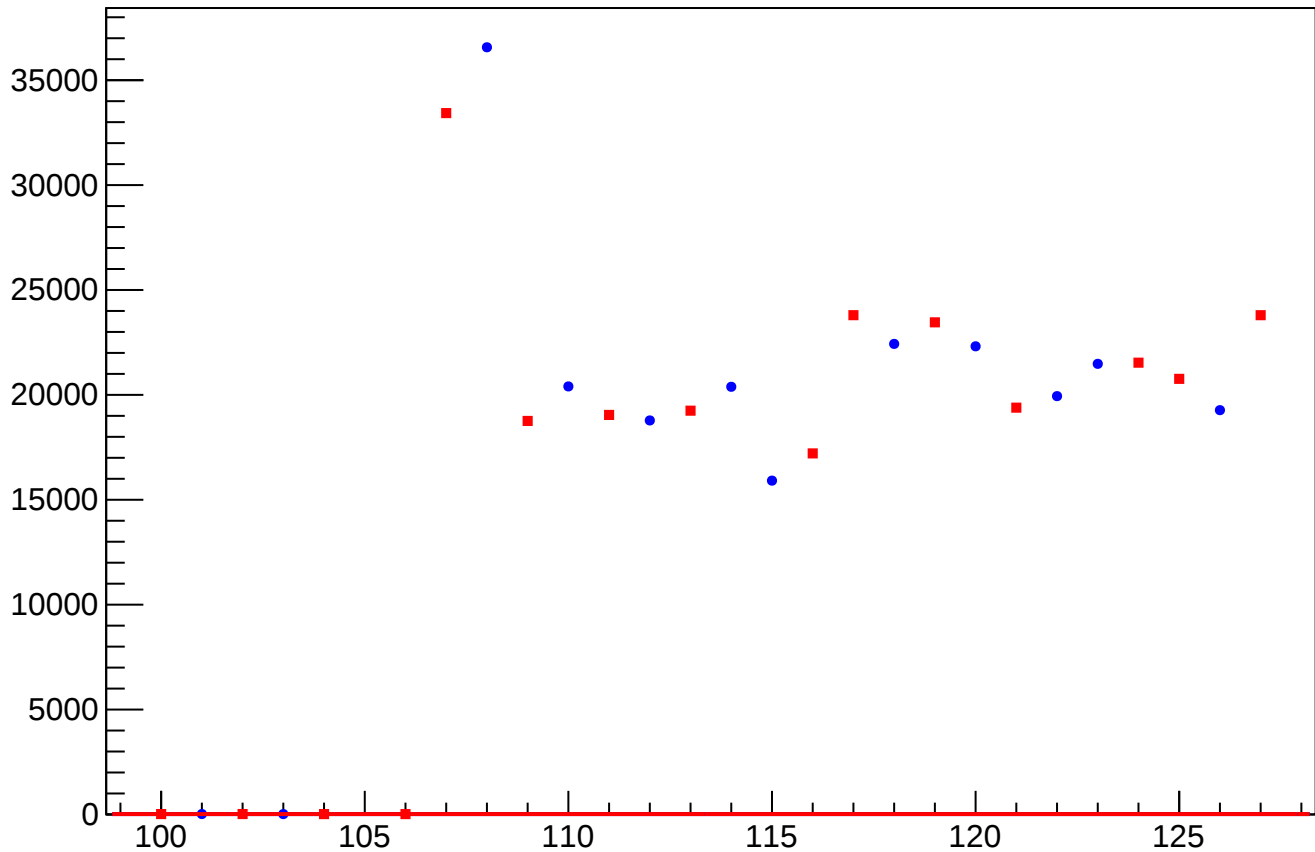
Right Out: 0.003+/-0.016 χ^2/NDF : 17.4/14

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

0.013+/-0.017 χ^2/NDF : 4.7/11

0.003+/-0.016 χ^2/NDF : 17.4/14

diff_cav4bX_rms vs Slug



Right In: 18.604 $\pm$ 0.012 χ^2 /NDF: 6241442.7/11

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

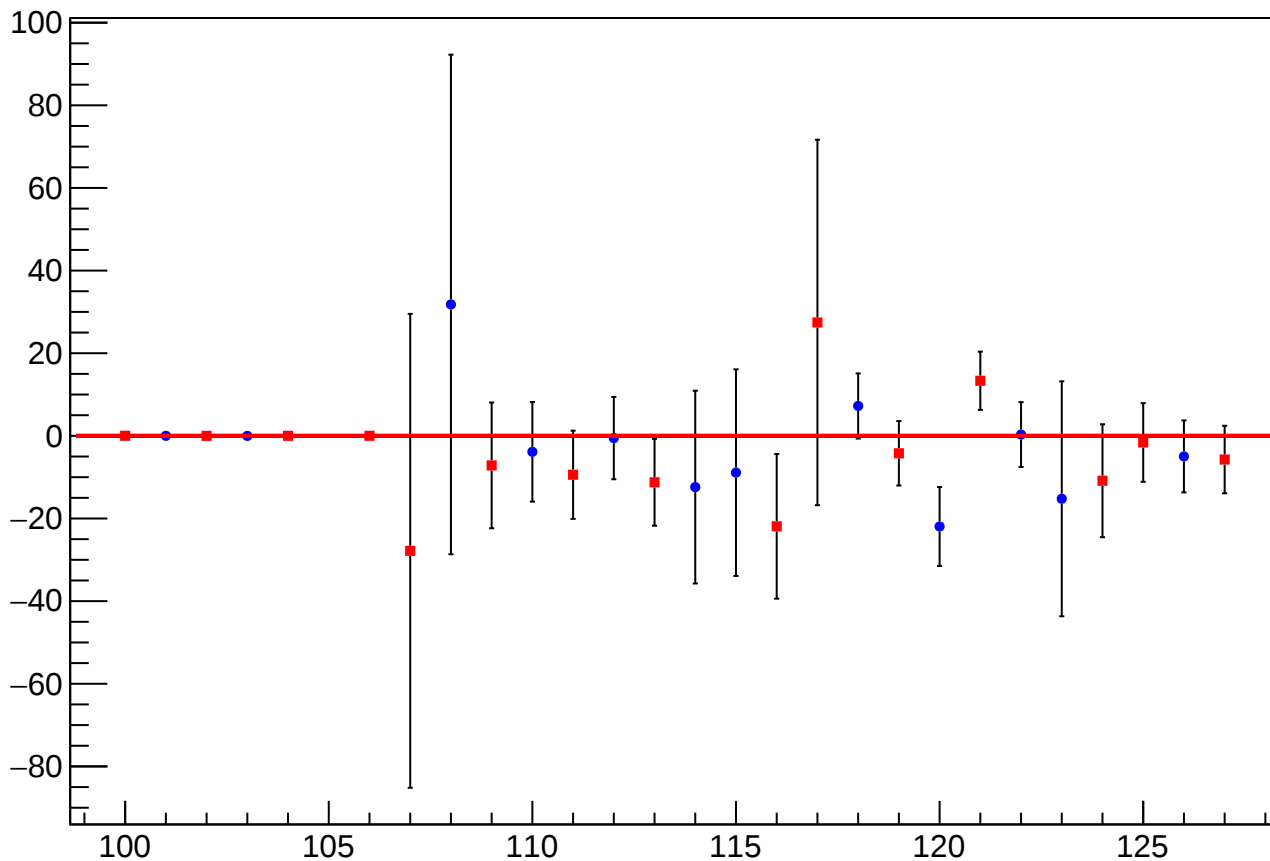
Right Out: 18.287 $\pm$ 0.011 χ^2 /NDF: 7399326.2/14

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

18.604 $\pm$ 0.012 χ^2 /NDF: 6241442.7/11

18.287 $\pm$ 0.011 χ^2 /NDF: 7399326.2/14

diff_cav4bY_mean vs Slug



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

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

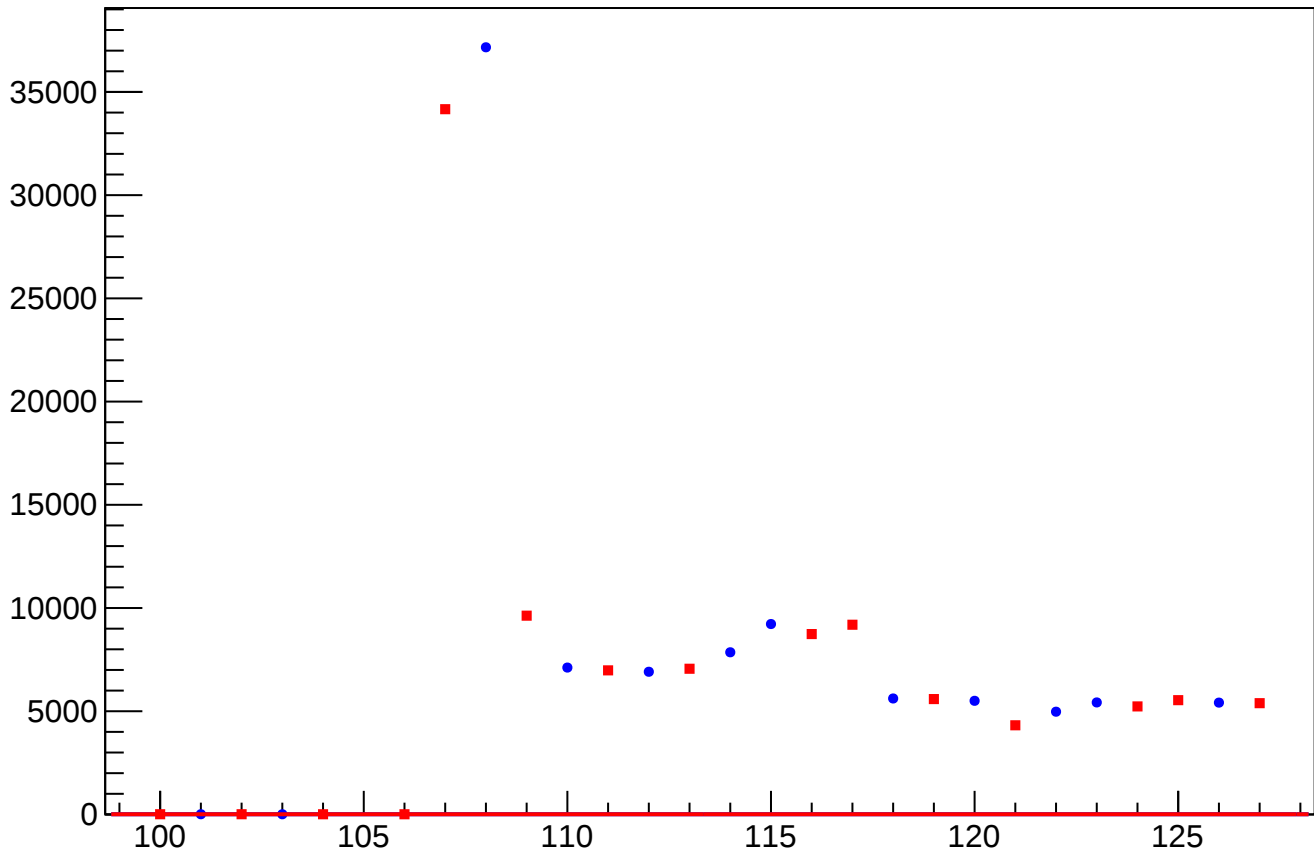
Right Out: 0.014+/-0.009 χ^2/NDF : 10.1/14

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

0.001+/-0.009 χ^2/NDF : 8.6/11

0.014+/-0.009 χ^2/NDF : 10.1/14

diff_cav4bY_rms vs Slug



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

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

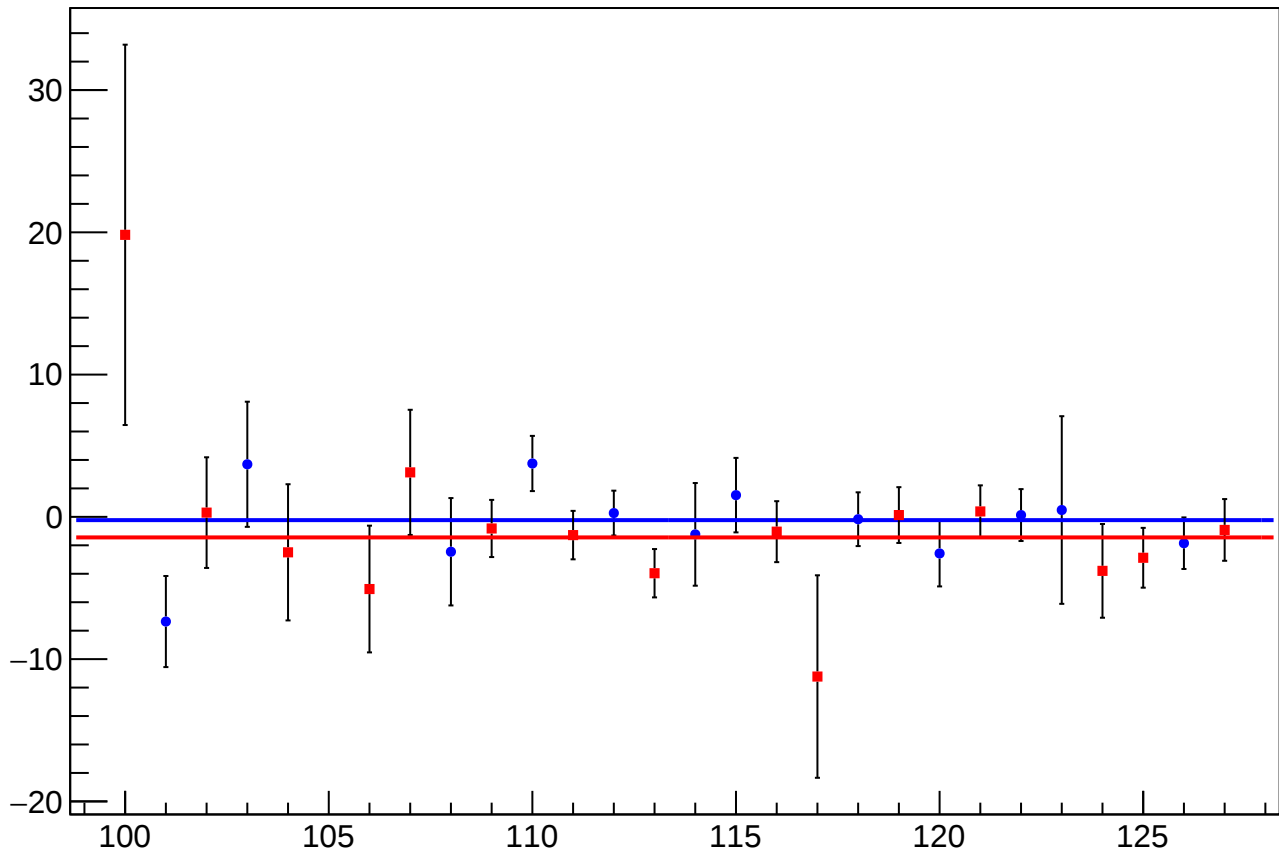
Right Out: 9.822+/-0.006 χ^2/NDF : 7463435.9/14

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

9.895+/-0.007 χ^2/NDF : 6236646.7/11

9.822+/-0.006 χ^2/NDF : 7463435.9/14

diff_cav4cX_mean vs Slug



Right In: -0.230 ± 0.673 $\chi^2/\text{NDF}: 12.8/11$

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

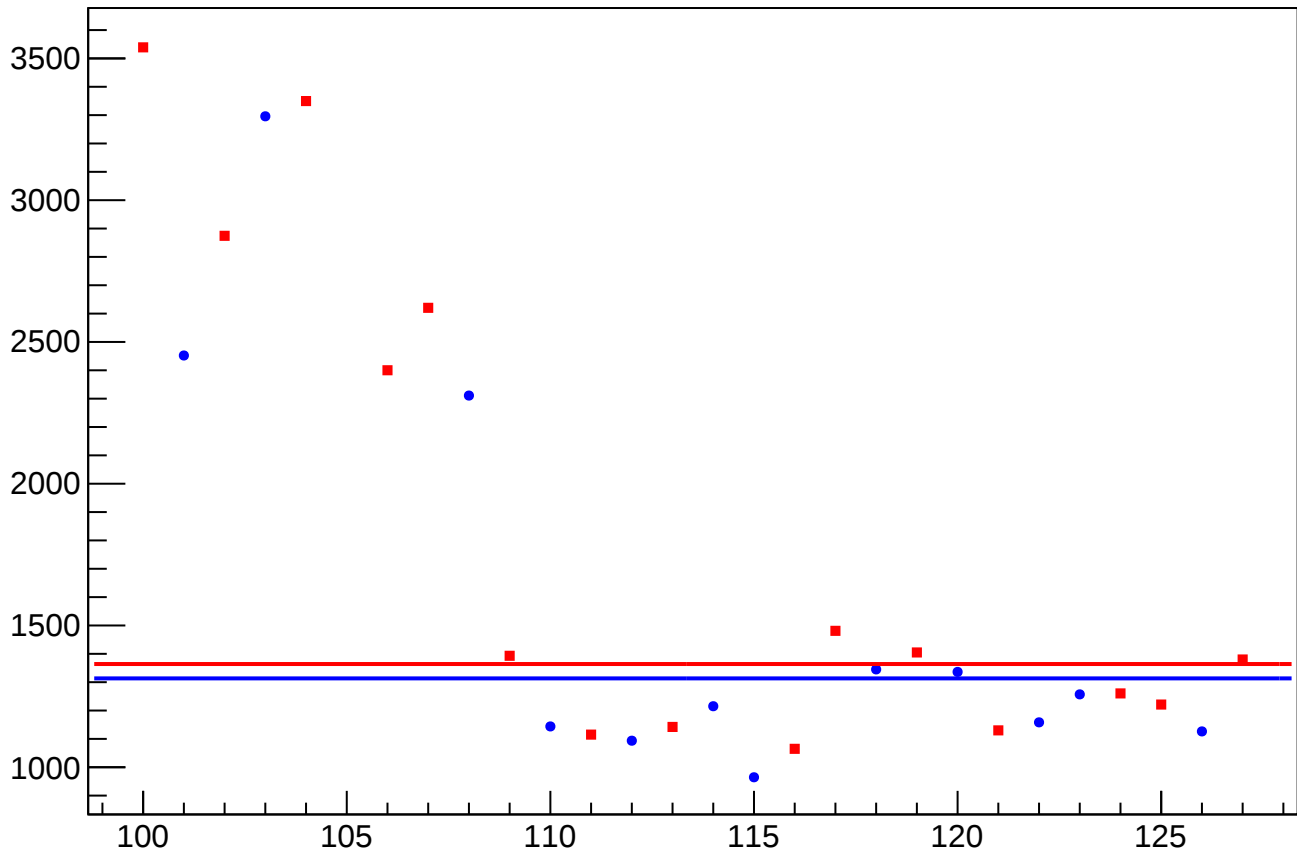
Right Out: -1.445 ± 0.635 $\chi^2/\text{NDF}: 11.4/14$

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

-0.230 ± 0.673 $\chi^2/\text{NDF}: 12.8/11$

-1.445 ± 0.635 $\chi^2/\text{NDF}: 11.4/14$

diff_cav4cX_rms vs Slug



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

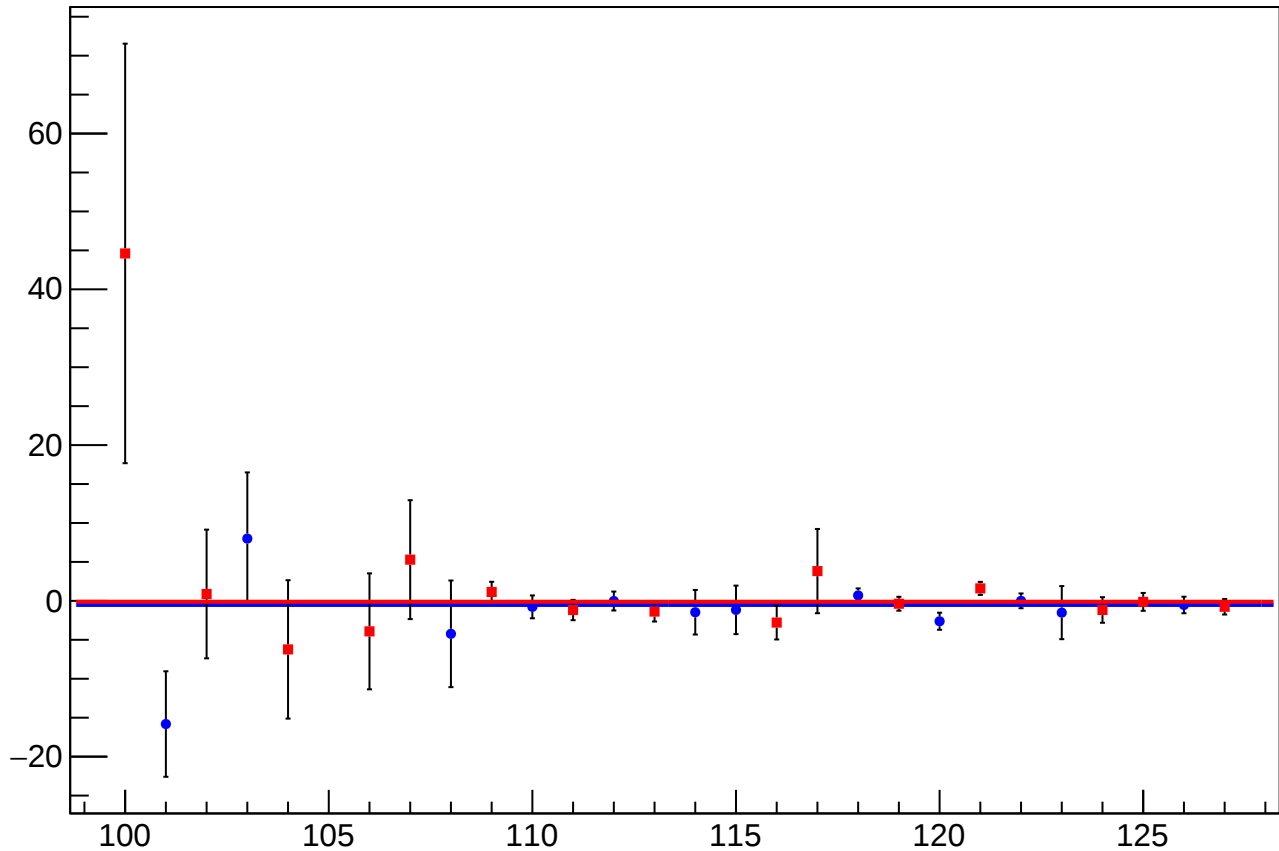
1313.380 $\pm$ 0.476 χ^2 /NDF: 926940.9/11

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

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

diff_cav4cY_mean vs Slug



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

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

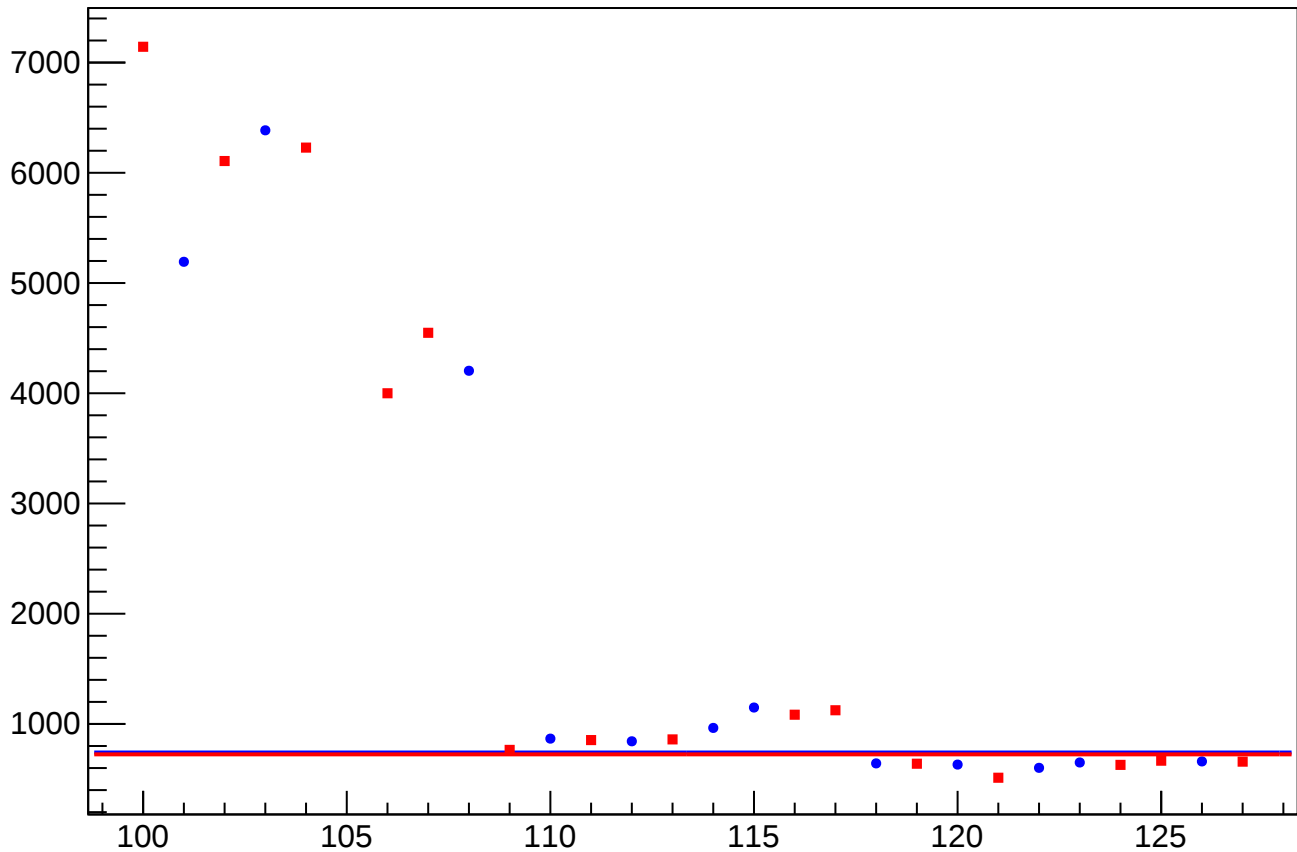
Right Out: -0.114+/-0.380 χ^2 /NDF: 13.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.521+/-0.424 χ^2 /NDF: 12.6/11

-0.114+/-0.380 χ^2 /NDF: 13.7/14

diff_cav4cY_rms vs Slug



Right In: 740.828+/-0.300 χ^2/NDF : 2433902.3/11

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

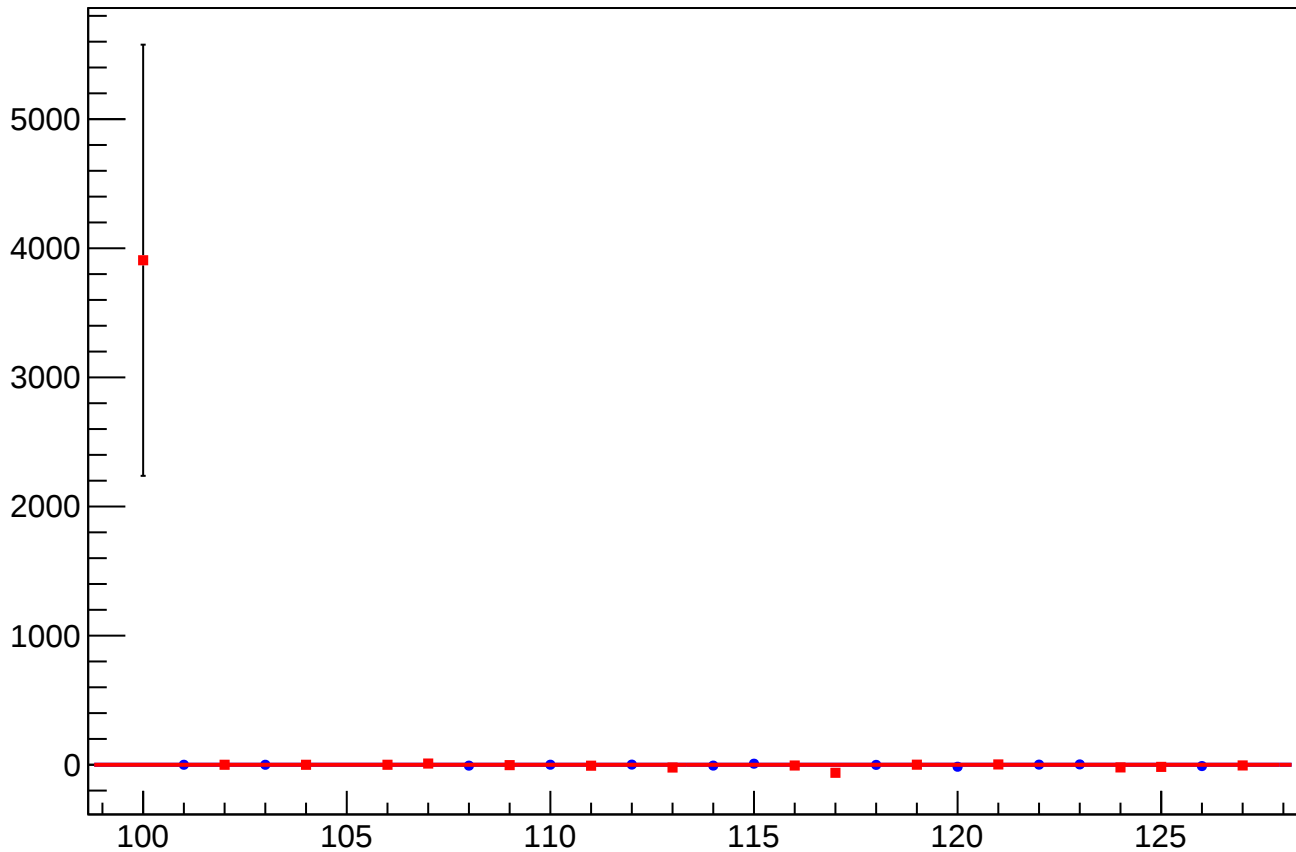
740.828+/-0.300 χ^2/NDF : 2433902.3/11

Right Out: 724.255+/-0.269 χ^2/NDF : 2895314.9/14

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

724.255+/-0.269 χ^2/NDF : 2895314.9/14

diff_cav4dX_mean vs Slug



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

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

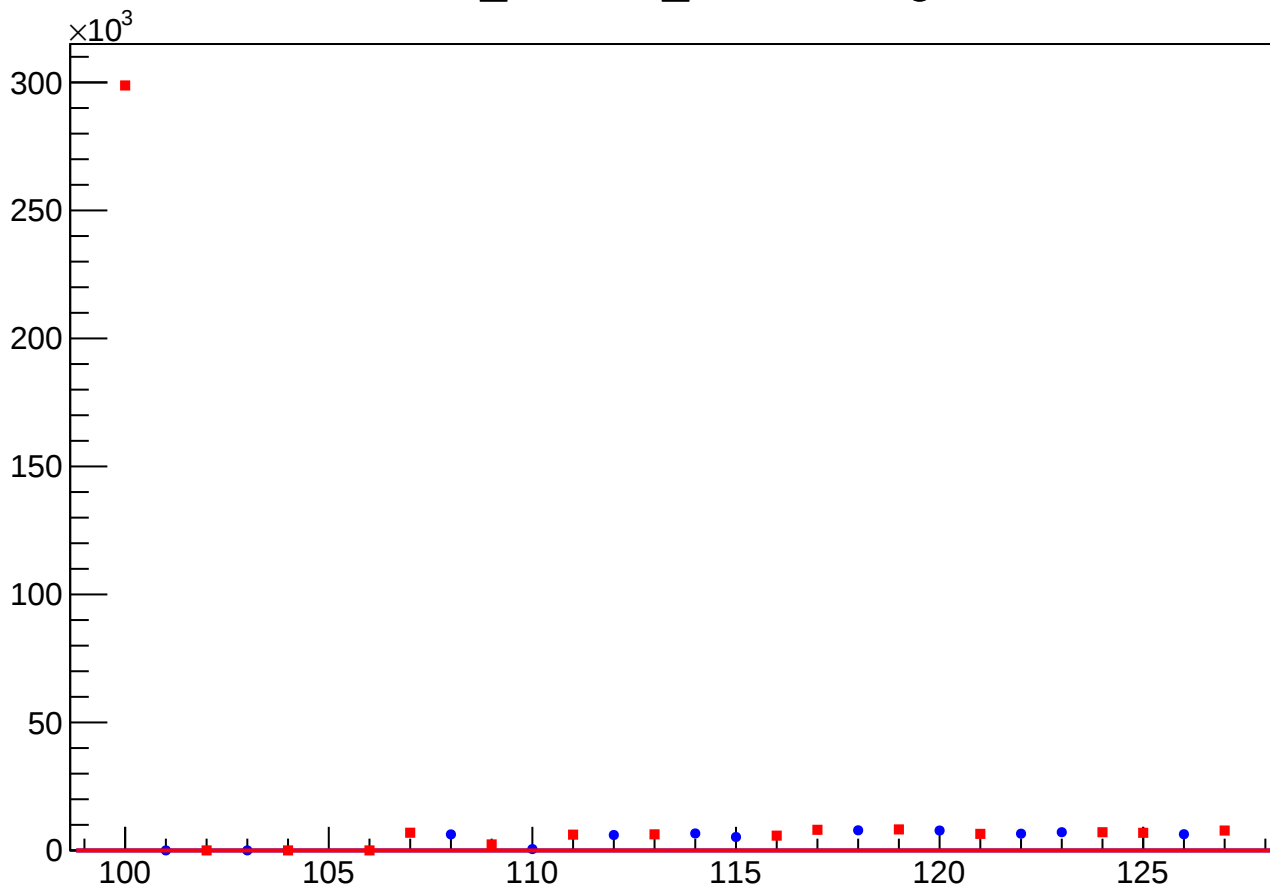
Right Out: -0.027+/-0.020 χ^2/NDF : 19.4/14

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

-0.021+/-0.021 χ^2/NDF : 3.8/11

-0.027+/-0.020 χ^2/NDF : 19.4/14

diff_cav4dX_rms vs Slug



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

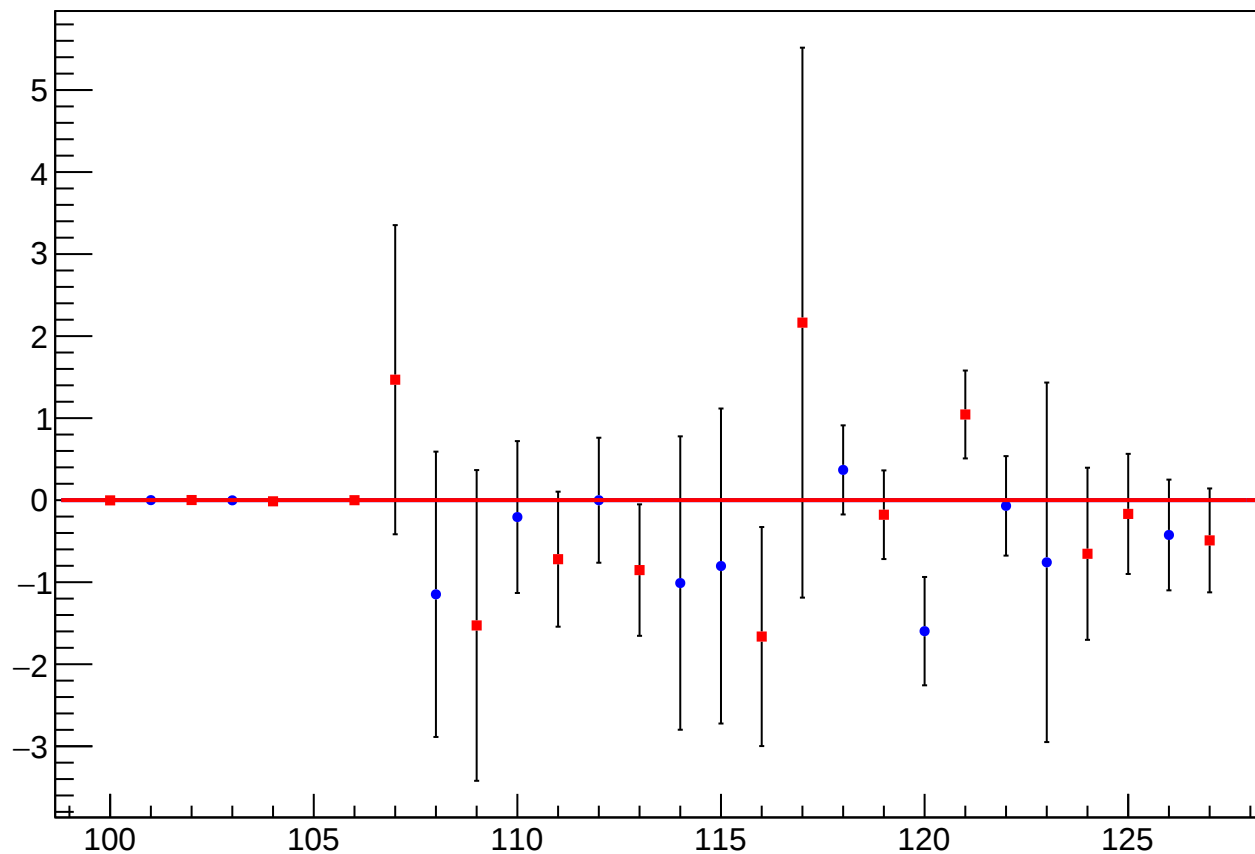
Right Out: 17.160 $\pm$ 0.014 χ^2 /NDF: 7122187.5/14

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

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

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

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 8.0/11

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

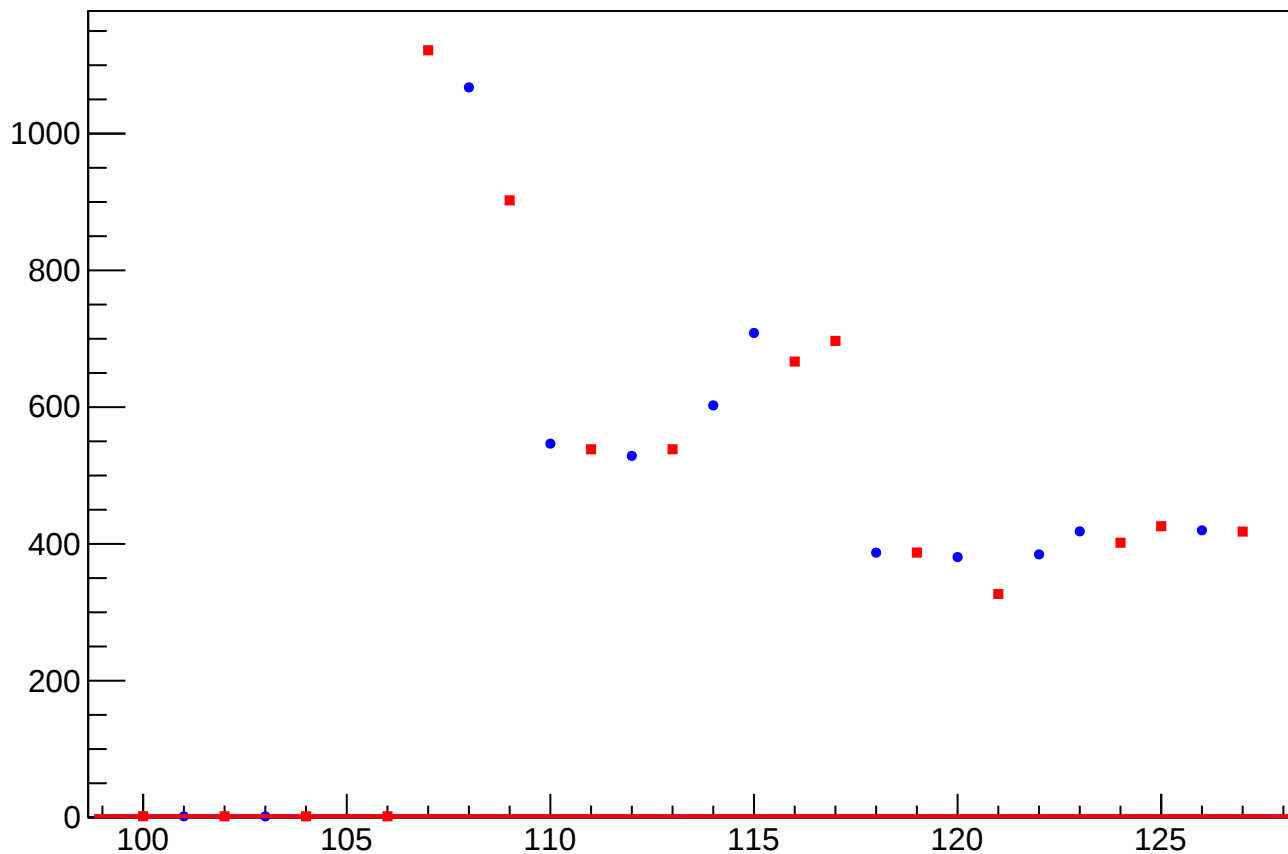
Right Out: 0.001+/-0.002 χ^2/NDF : 11.0/14

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

0.000+/-0.002 χ^2/NDF : 8.0/11

0.001+/-0.002 χ^2/NDF : 11.0/14

diff_cav4dY_rms vs Slug



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

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

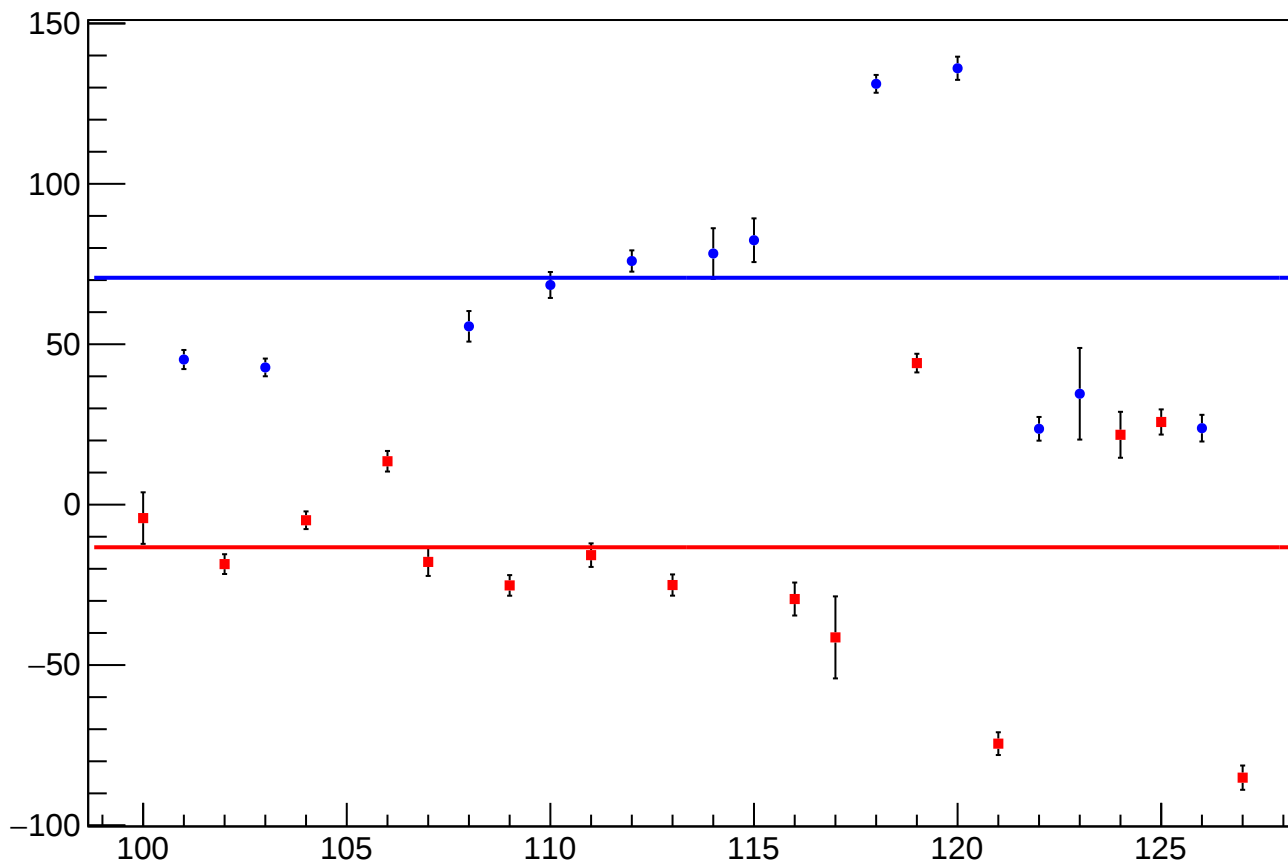
Right Out: 1.707+/-0.001 χ^2/NDF : 7069982.3/14

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

1.671+/-0.001 χ^2/NDF : 6203812.3/11

1.707+/-0.001 χ^2/NDF : 7069982.3/14

diff_bpm0i01X_mean vs Slug



Right In: 70.720+/-1.104 χ^2 /NDF: 1288.9/11

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

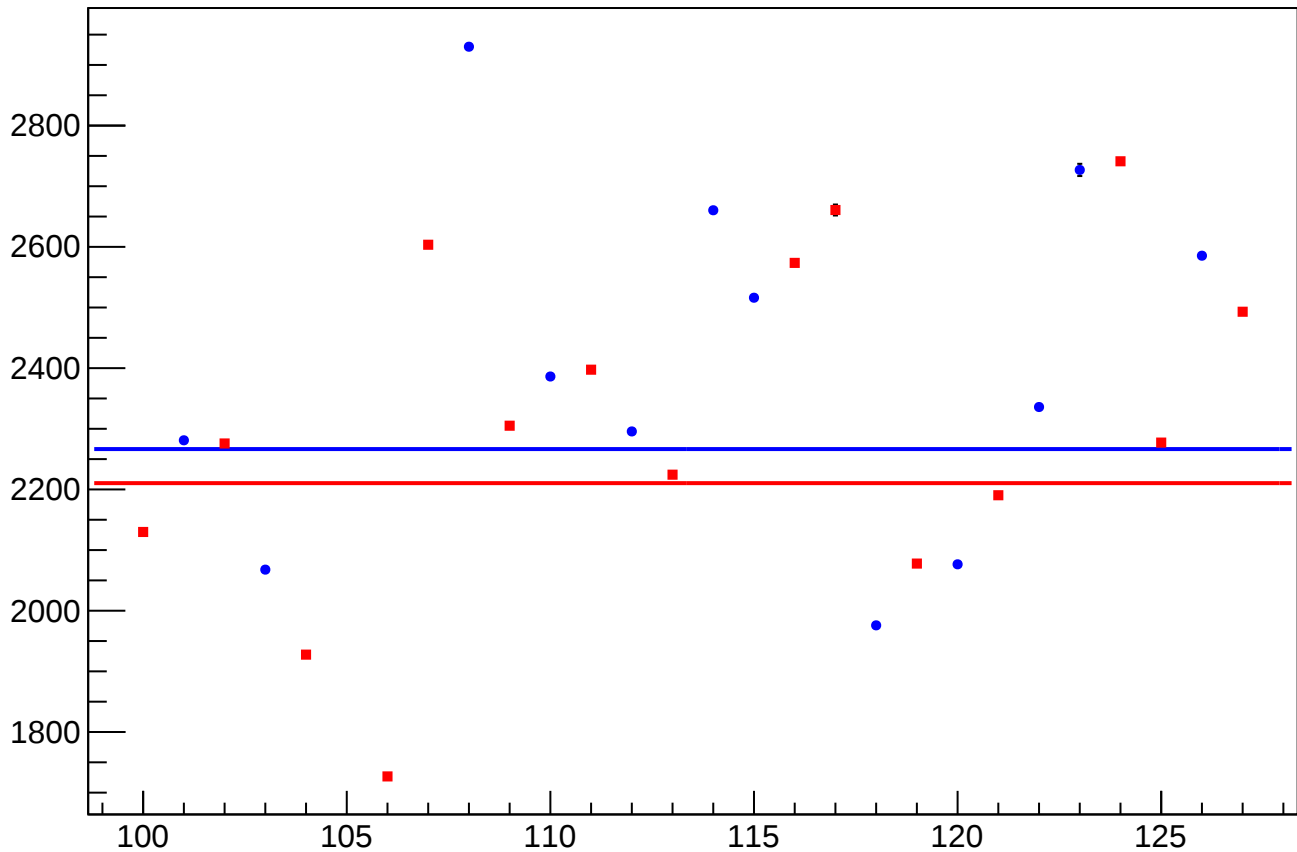
Right Out: -13.285+/-0.971 χ^2 /NDF: 1297.2/14

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

70.720+/-1.104 χ^2 /NDF: 1288.9/11

-13.285+/-0.971 χ^2 /NDF: 1297.2/14

diff_bpm0i01X_rms vs Slug



Right In: 2266.565+/-0.781 χ^2/NDF : 100767.4/11

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

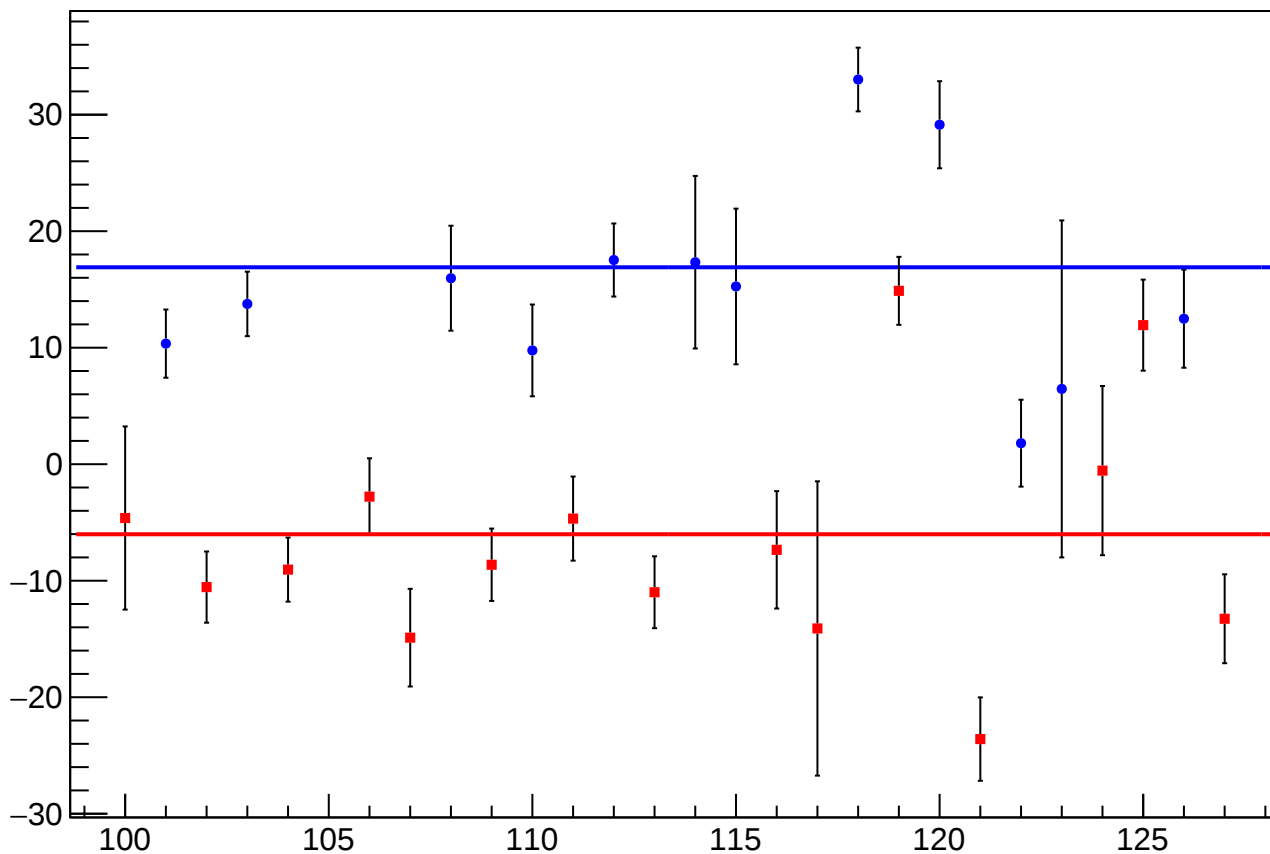
Right Out: 2210.381+/-0.687 χ^2/NDF : 130171.7/14

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

2266.565+/-0.781 χ^2/NDF : 100767.4/11

2210.381+/-0.687 χ^2/NDF : 130171.7/14

diff_bpm0i01Y_mean vs Slug



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

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

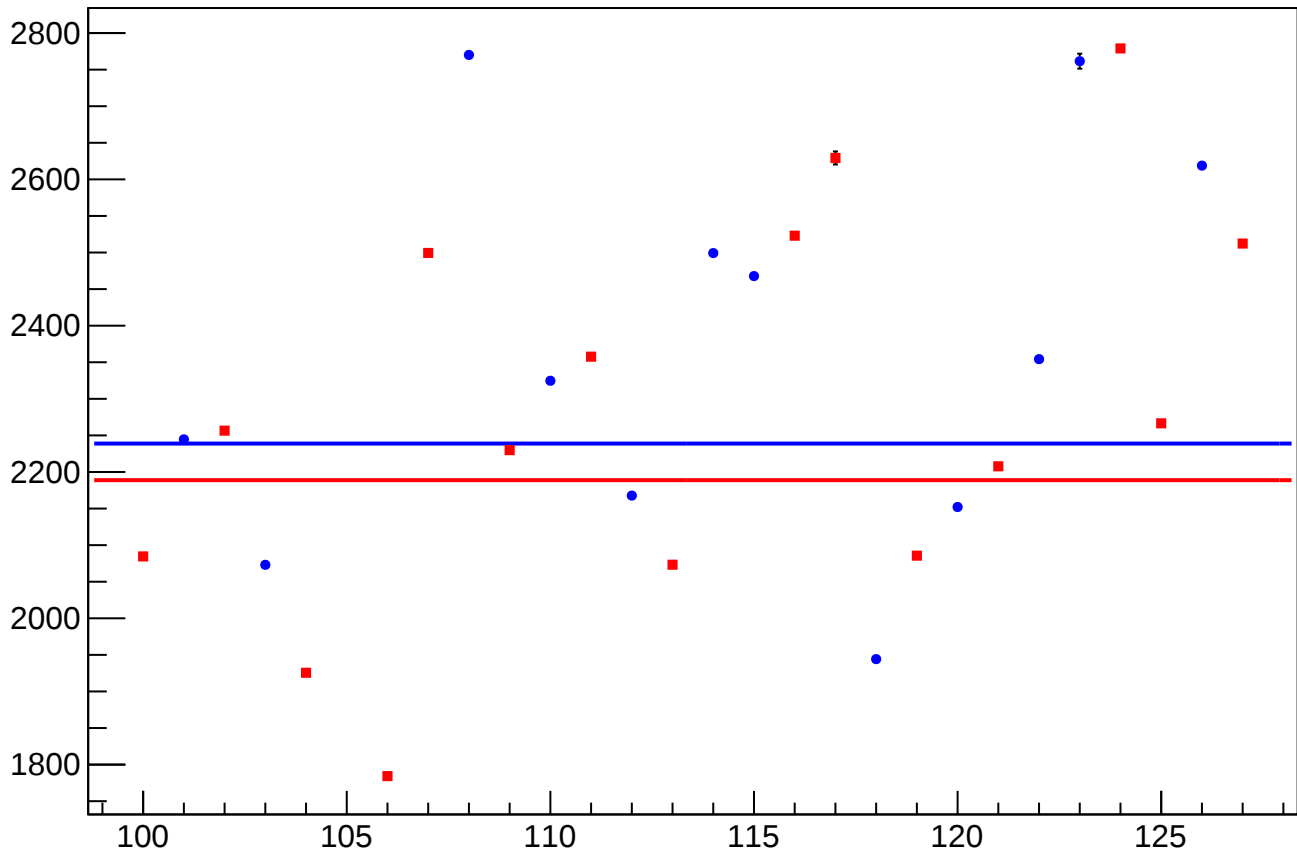
Right Out: -6.013+/-0.960 χ^2/NDF : 113.5/14

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

16.903+/-1.090 χ^2/NDF : 73.2/11

-6.013+/-0.960 χ^2/NDF : 113.5/14

diff_bpm0i01Y_rms vs Slug



Right In: 2238.855+/-0.771 χ^2 /NDF: 86926.5/11

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

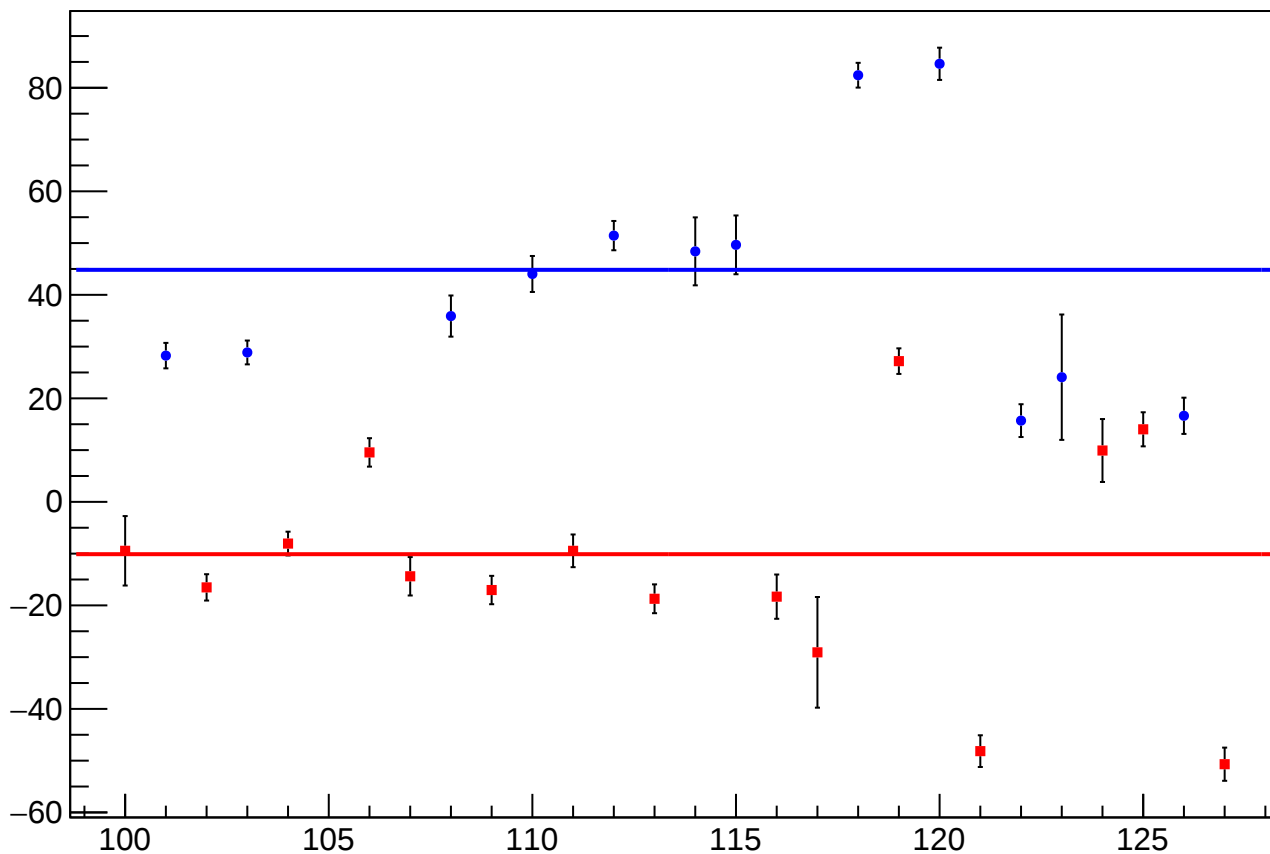
2238.855+/-0.771 χ^2 /NDF: 86926.5/11

Right Out: 2188.790+/-0.679 χ^2 /NDF: 110528.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2188.790+/-0.679 χ^2 /NDF: 110528.8/14

diff_bpm0i01aX_mean vs Slug



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

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

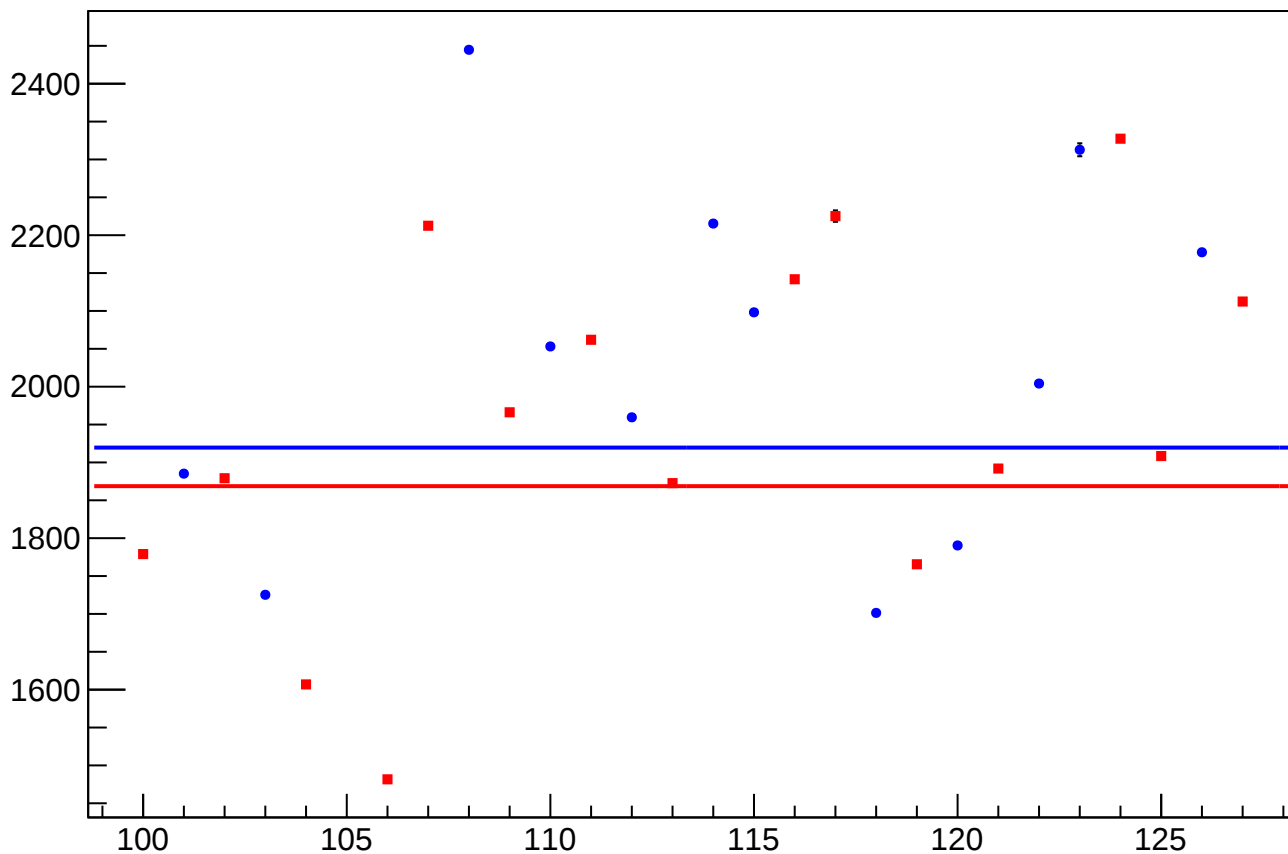
Right Out: -10.108+/-0.821 χ^2/NDF : 689.1/14

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

44.831+/-0.935 χ^2/NDF : 667.8/11

-10.108+/-0.821 χ^2/NDF : 689.1/14

diff_bpm0i01aX_rms vs Slug



Right In: 1919.590 $\pm$ 0.661 χ^2 /NDF: 93396.7/11

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

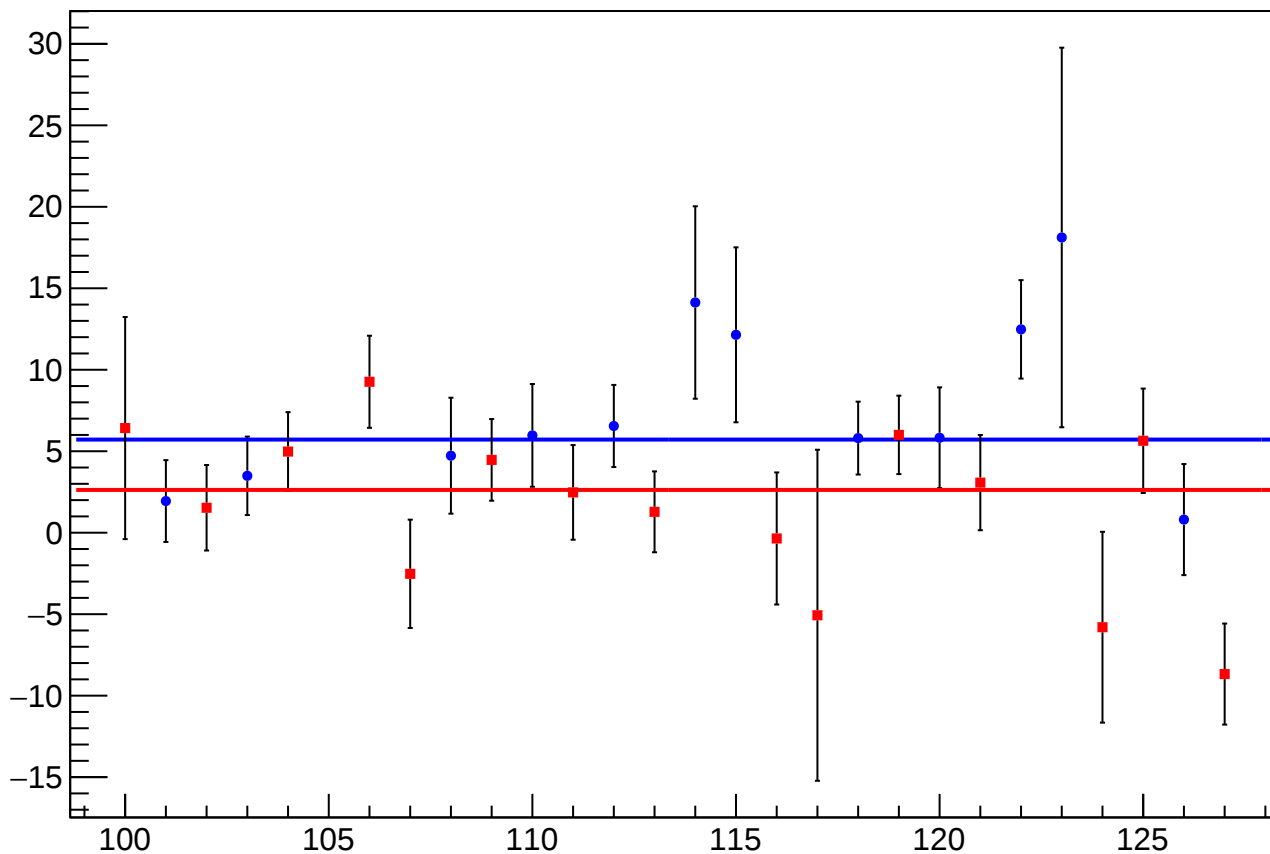
Right Out: 1868.662 $\pm$ 0.580 χ^2 /NDF: 130458.7/14

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

1919.590 $\pm$ 0.661 χ^2 /NDF: 93396.7/11

1868.662 $\pm$ 0.580 χ^2 /NDF: 130458.7/14

diff_bpm0i01aY_mean vs Slug



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

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

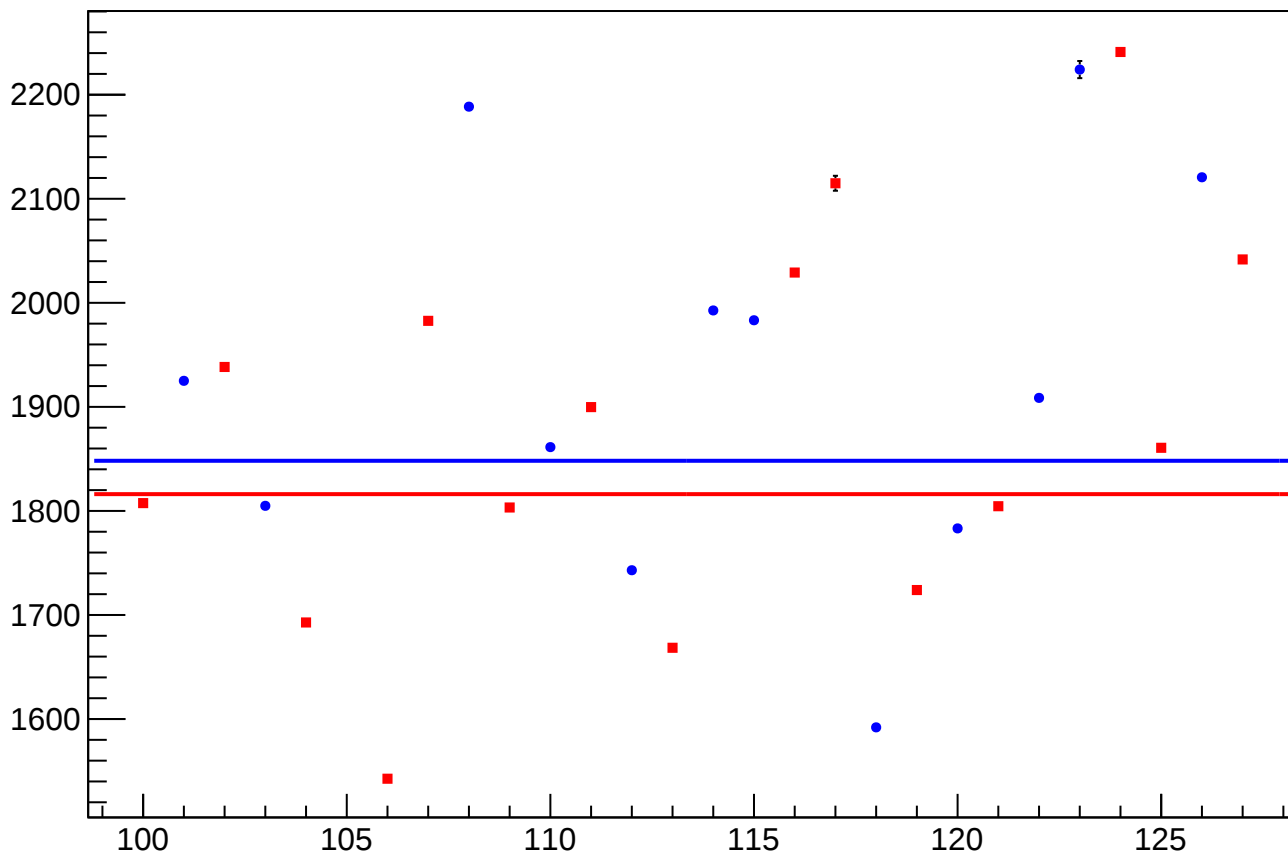
Right Out: 2.625+/-0.794 χ^2/NDF : 29.5/14

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

5.715+/-0.898 χ^2/NDF : 15.0/11

2.625+/-0.794 χ^2/NDF : 29.5/14

diff_bpm0i01aY_rms vs Slug



Right In: 1848.193+/-0.635 χ^2/NDF : 69603.5/11

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

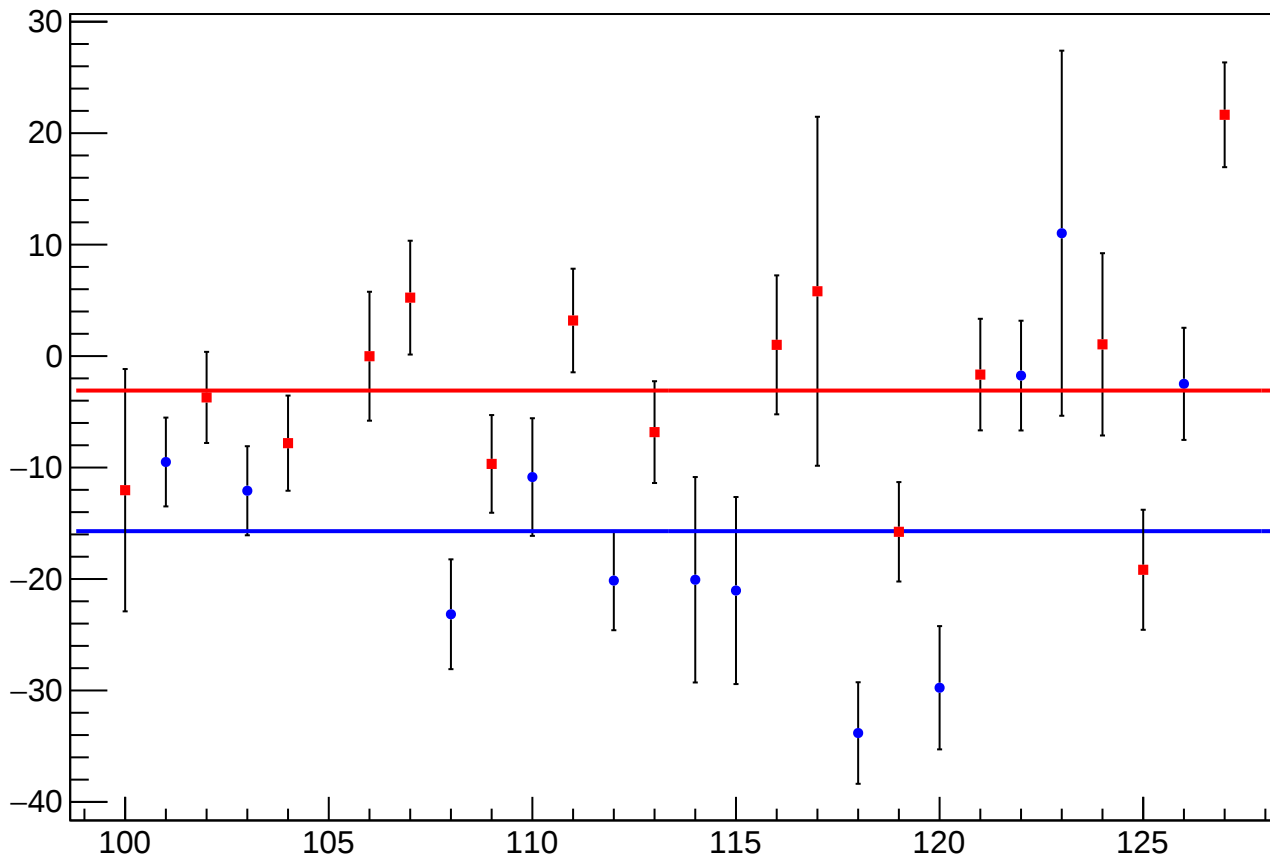
Right Out: 1816.135+/-0.562 χ^2/NDF : 73811.3/14

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

1848.193+/-0.635 χ^2/NDF : 69603.5/11

1816.135+/-0.562 χ^2/NDF : 73811.3/14

diff_bpm0l01X_mean vs Slug



Right In: -15.707+/-1.500 χ^2/NDF : 47.9/11

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

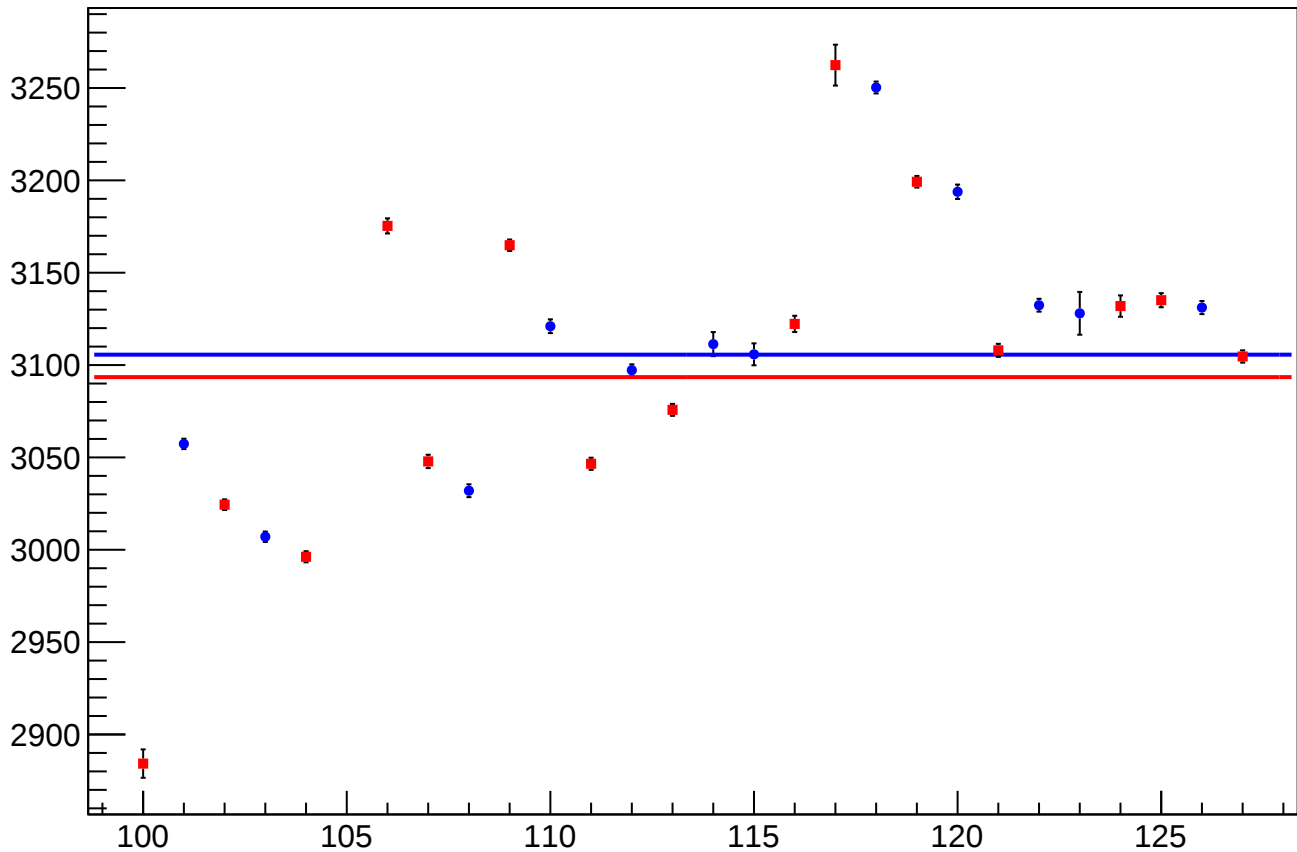
Right Out: -3.092+/-1.345 χ^2/NDF : 55.4/14

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

-15.707+/-1.500 χ^2/NDF : 47.9/11

-3.092+/-1.345 χ^2/NDF : 55.4/14

diff_bpm0l01X_rms vs Slug



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

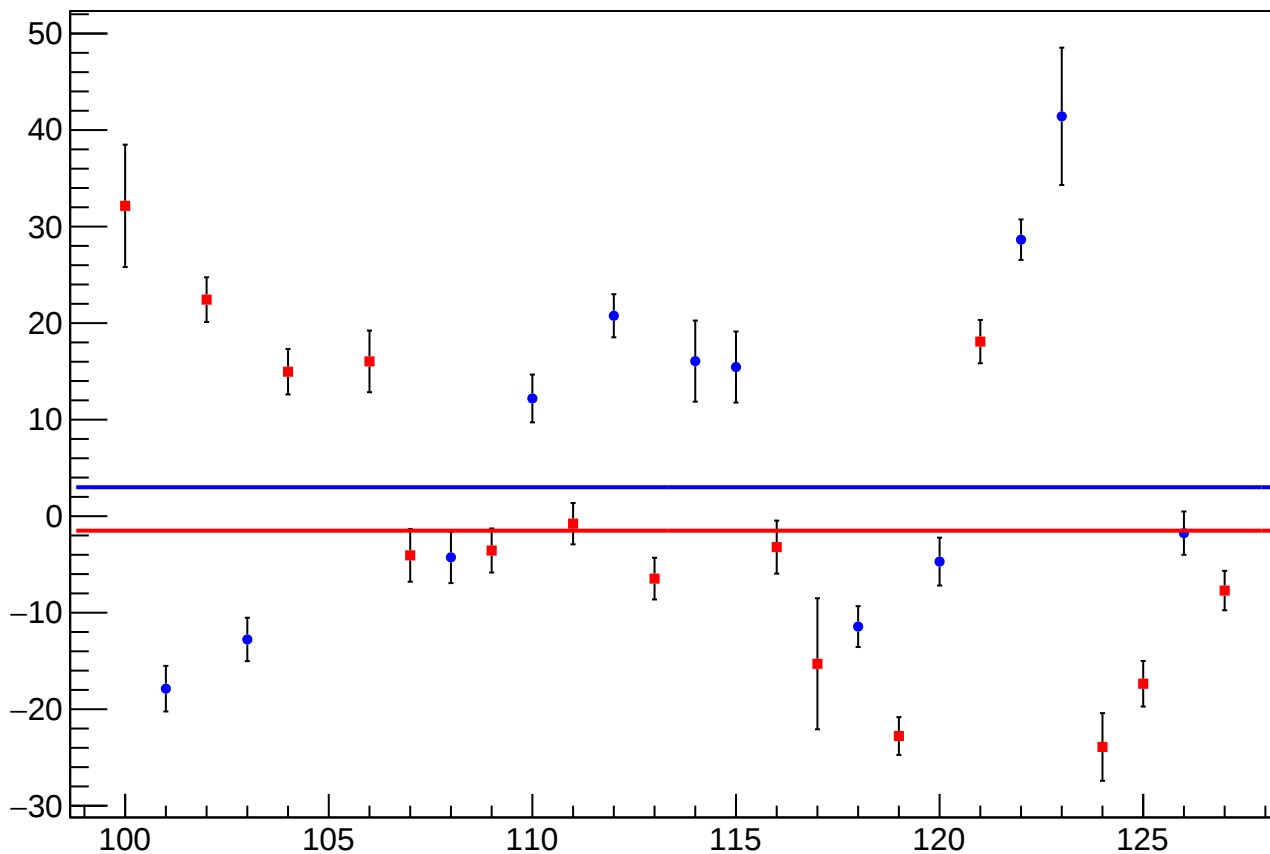
Right Out: 3093.464 $\pm$ 0.951 χ^2 /NDF: 5267.4/14

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

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

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

diff_bpm0l01Y_mean vs Slug



Right In: 2.998+/-0.737 χ^2/NDF : 471.8/11

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

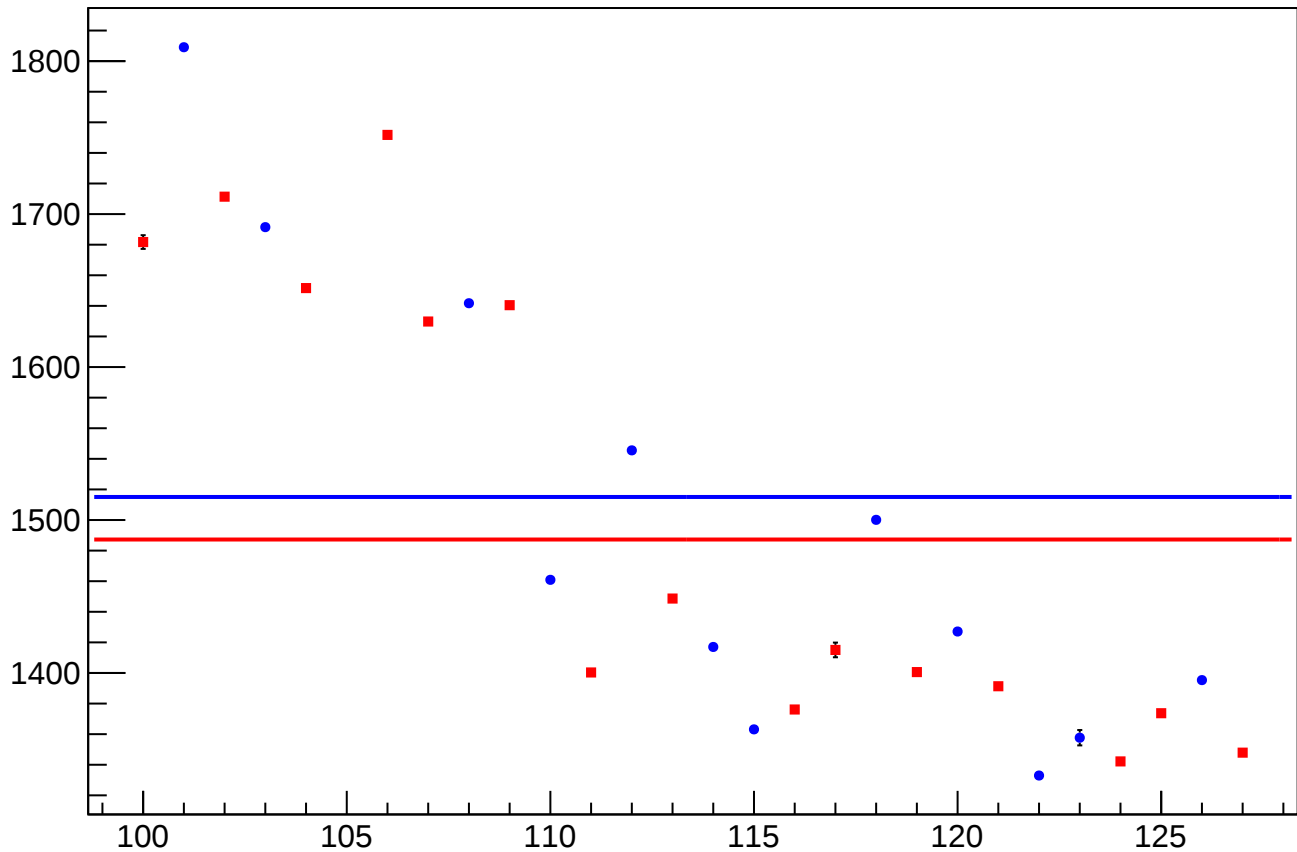
Right Out: -1.502+/-0.651 χ^2/NDF : 515.3/14

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

2.998+/-0.737 χ^2/NDF : 471.8/11

-1.502+/-0.651 χ^2/NDF : 515.3/14

diff_bpm0l01Y_rms vs Slug



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

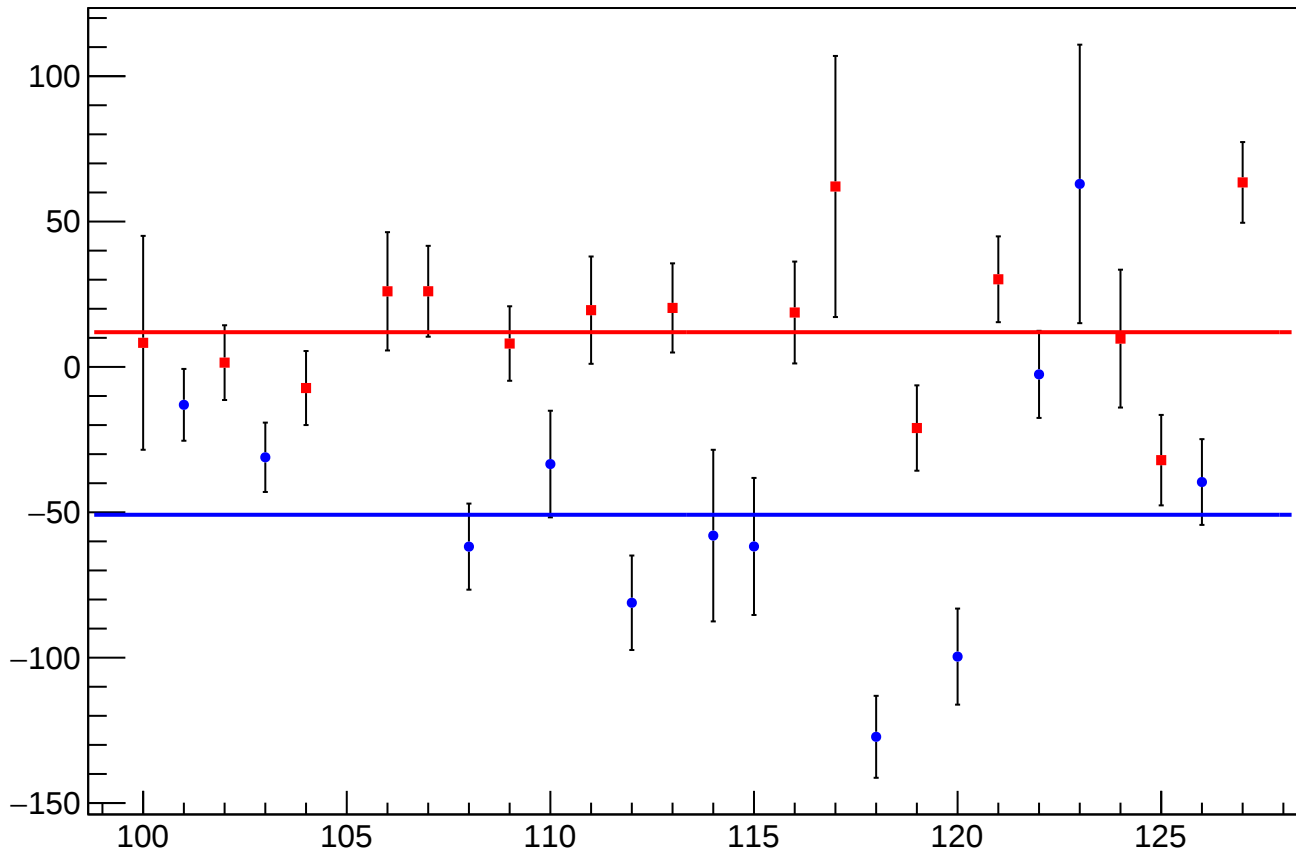
Right Out: 1487.251 $\pm$ 0.460 χ^2 /NDF: 90922.9/14

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

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

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

diff_bpm0l02X_mean vs Slug



Right In: -50.853+/-4.660 χ^2/NDF : 72.0/11

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

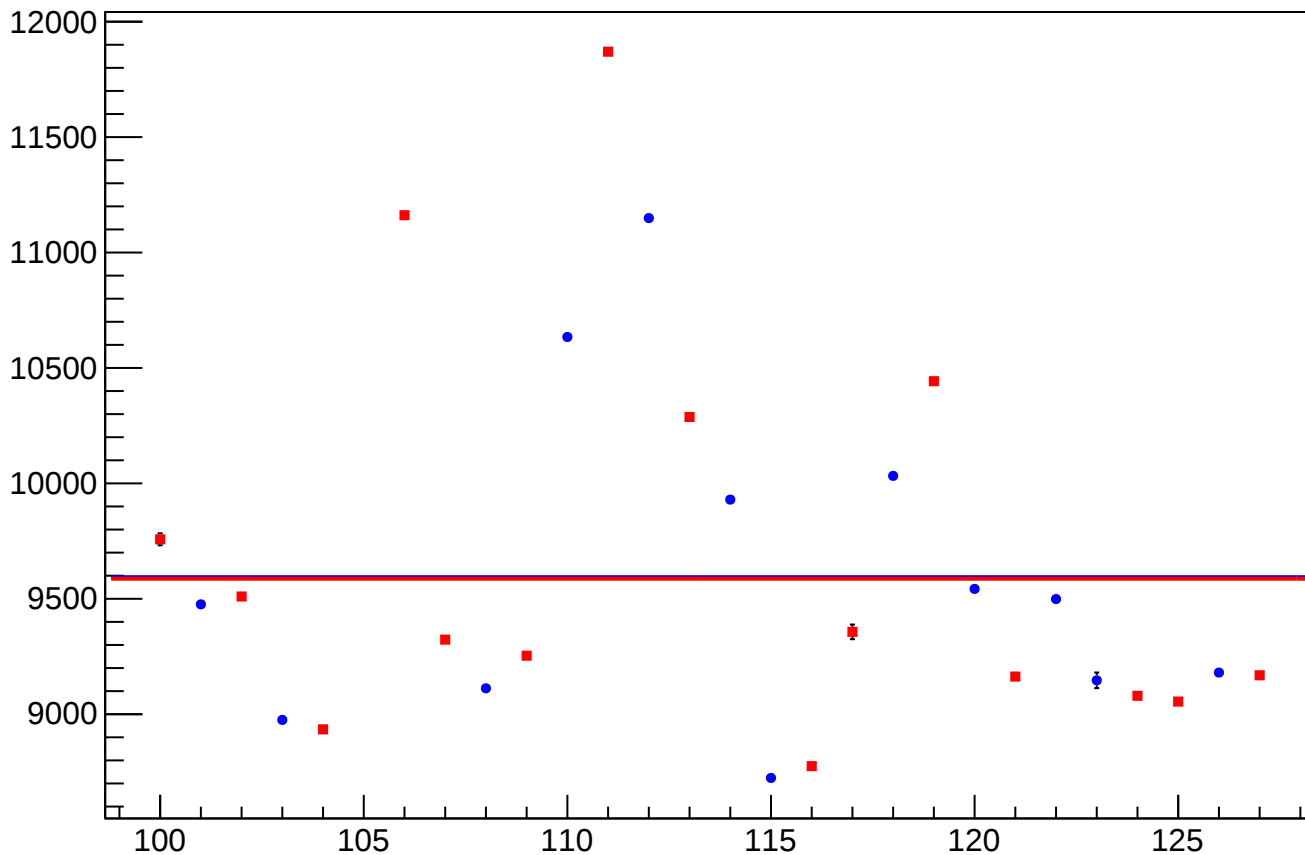
Right Out: 11.948+/-4.194 χ^2/NDF : 34.5/14

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

-50.853+/-4.660 χ^2/NDF : 72.0/11

11.948+/-4.194 χ^2/NDF : 34.5/14

diff_bpm0l02X_rms vs Slug



Right In: 9593.651+/-3.295 χ^2/NDF : 39211.4/11

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

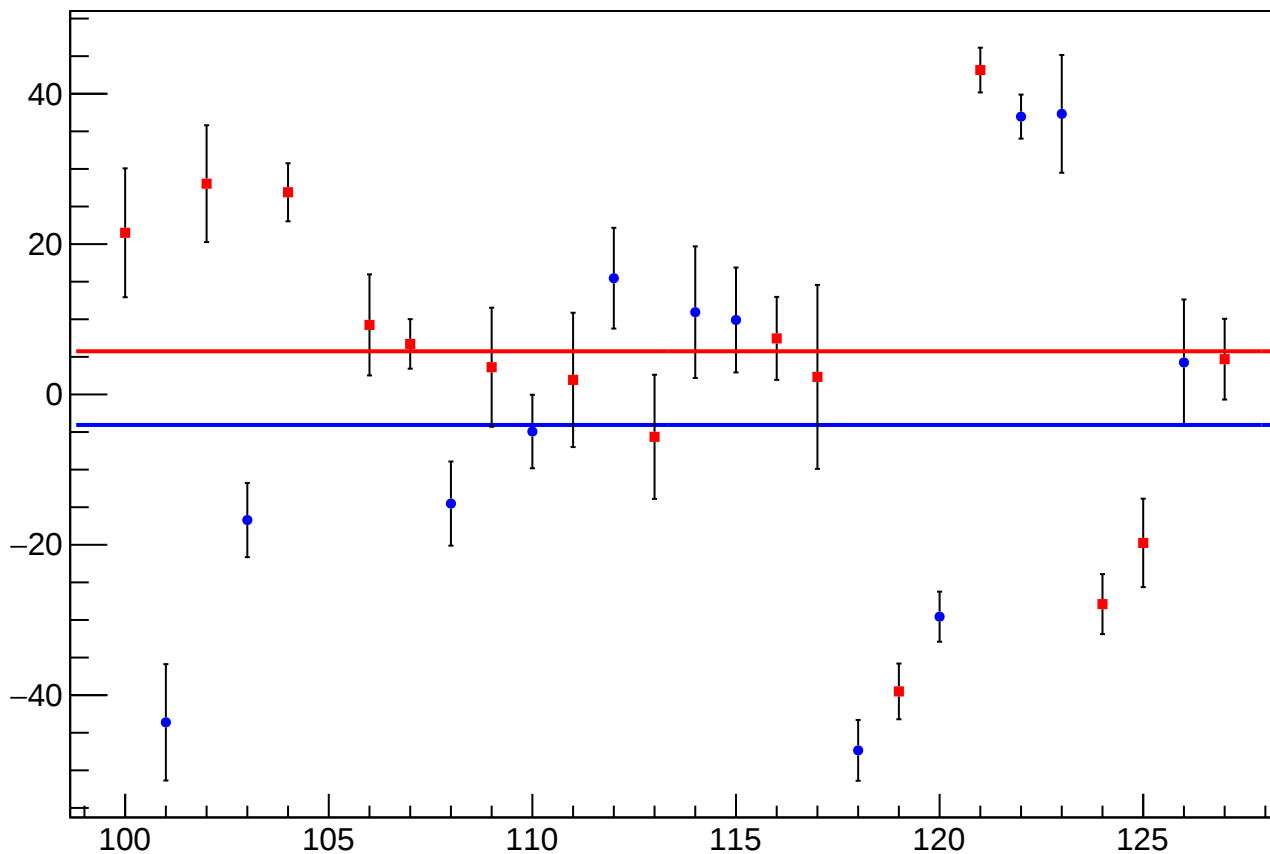
Right Out: 9587.012+/-2.966 χ^2/NDF : 71925.5/14

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

9593.651+/-3.295 χ^2/NDF : 39211.4/11

9587.012+/-2.966 χ^2/NDF : 71925.5/14

diff_bpm0l02Y_mean vs Slug



Right In: -4.057+/-1.435 χ^2 /NDF: 449.7/11

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

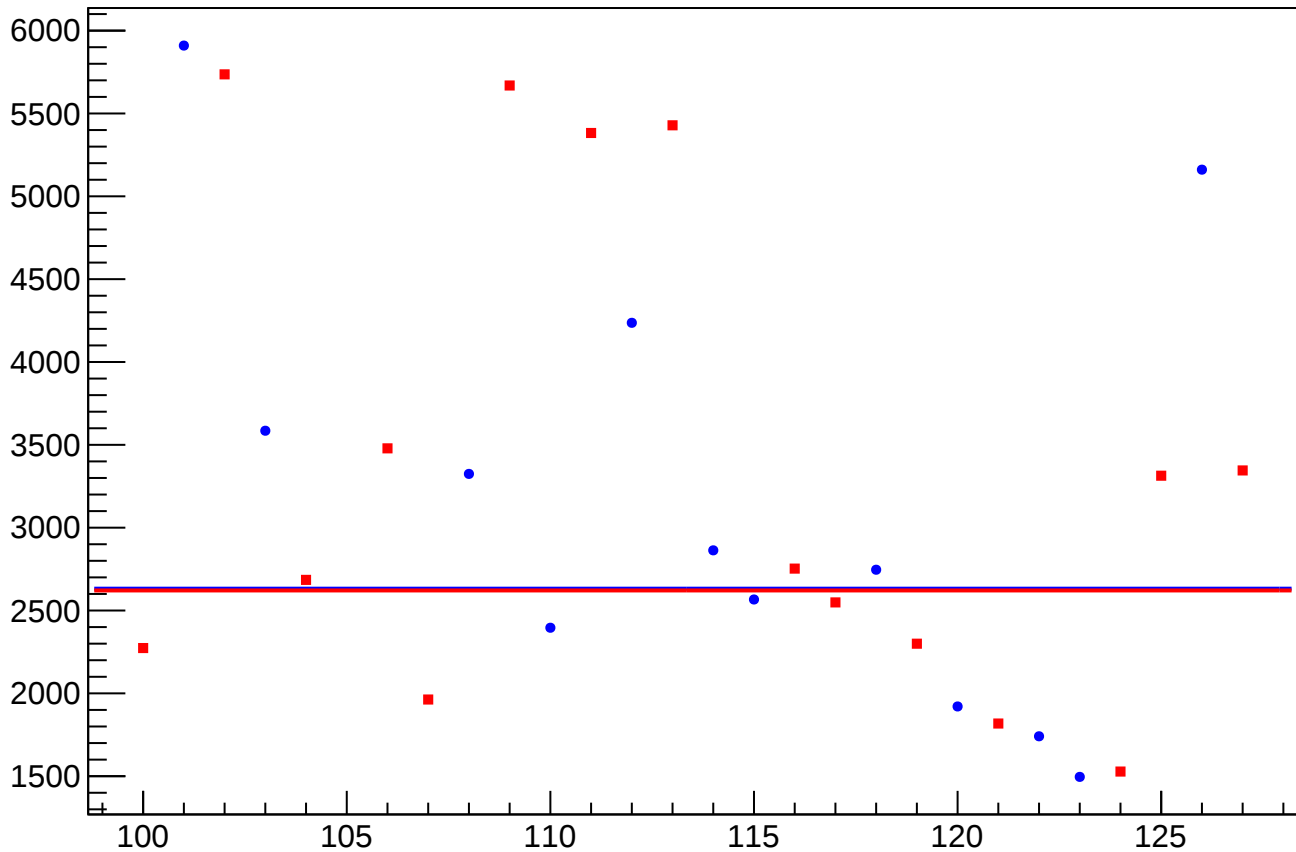
Right Out: 5.742+/-1.284 χ^2 /NDF: 441.3/14

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

-4.057+/-1.435 χ^2 /NDF: 449.7/11

5.742+/-1.284 χ^2 /NDF: 441.3/14

diff_bpm0l02Y_rms vs Slug



Right In: 2631.802 $\pm$ 1.015 χ^2 /NDF: 1086734.9/11

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

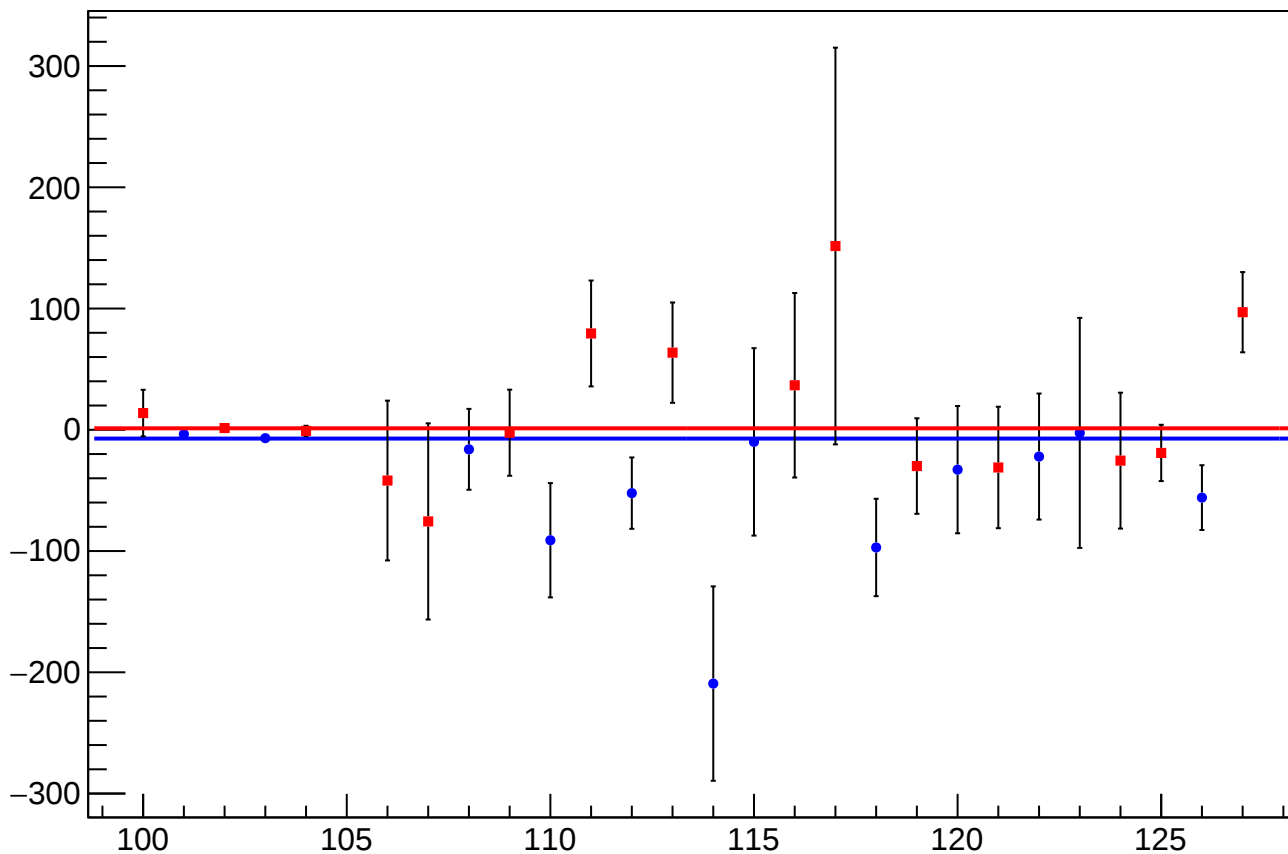
2631.802 $\pm$ 1.015 χ^2 /NDF: 1086734.9/11

Right Out: 2621.153 $\pm$ 0.908 χ^2 /NDF: 1532424.6/14

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

2621.153 $\pm$ 0.908 χ^2 /NDF: 1532424.6/14

diff_bpm0l03X_mean vs Slug



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

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

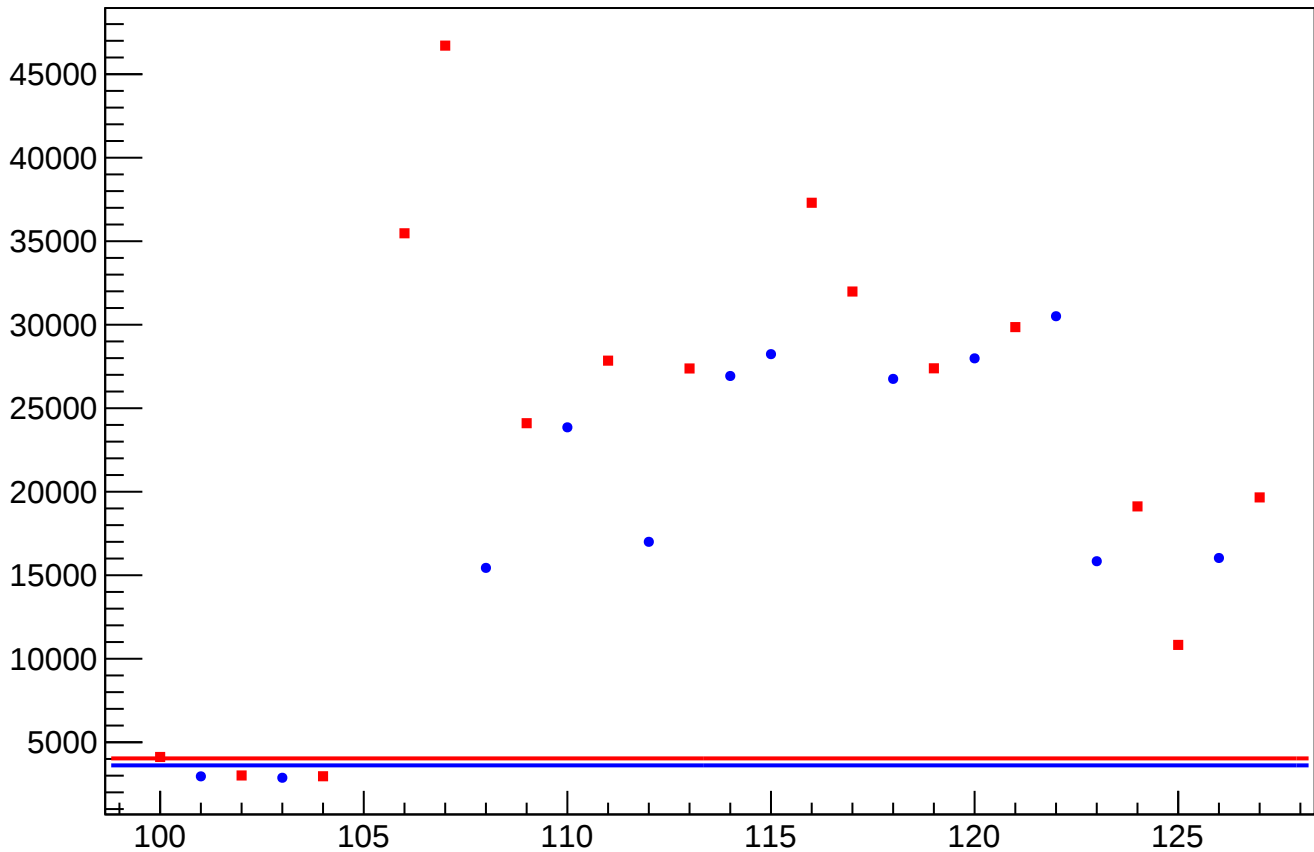
Right Out: 1.228+/-2.839 χ^2 /NDF: 19.0/14

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

-7.235+/-2.660 χ^2 /NDF: 21.5/11

1.228+/-2.839 χ^2 /NDF: 19.0/14

diff_bpm0l03X_rms vs Slug



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

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

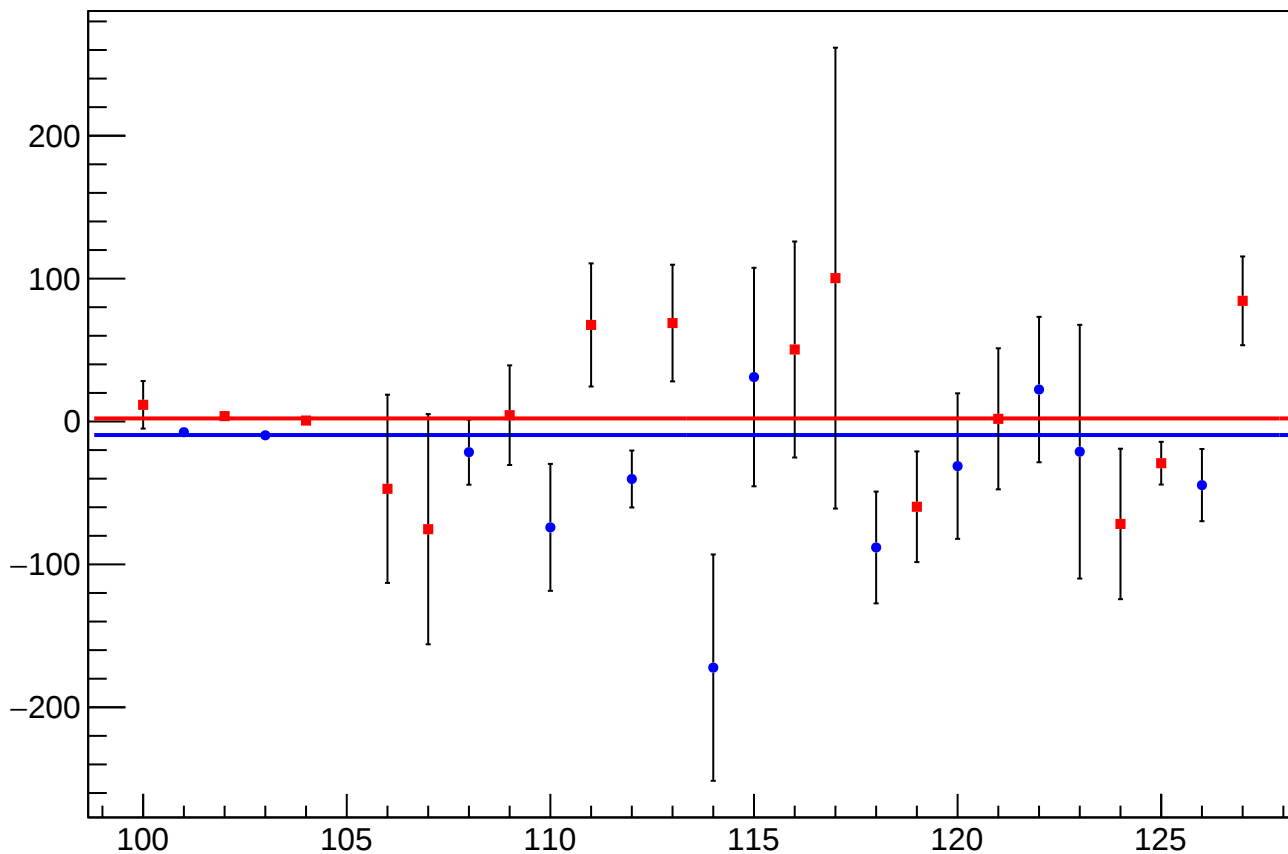
3615.023+/-1.881 χ^2 /NDF: 3635508.3/11

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

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

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

diff_bpm0l03Y_mean vs Slug



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

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

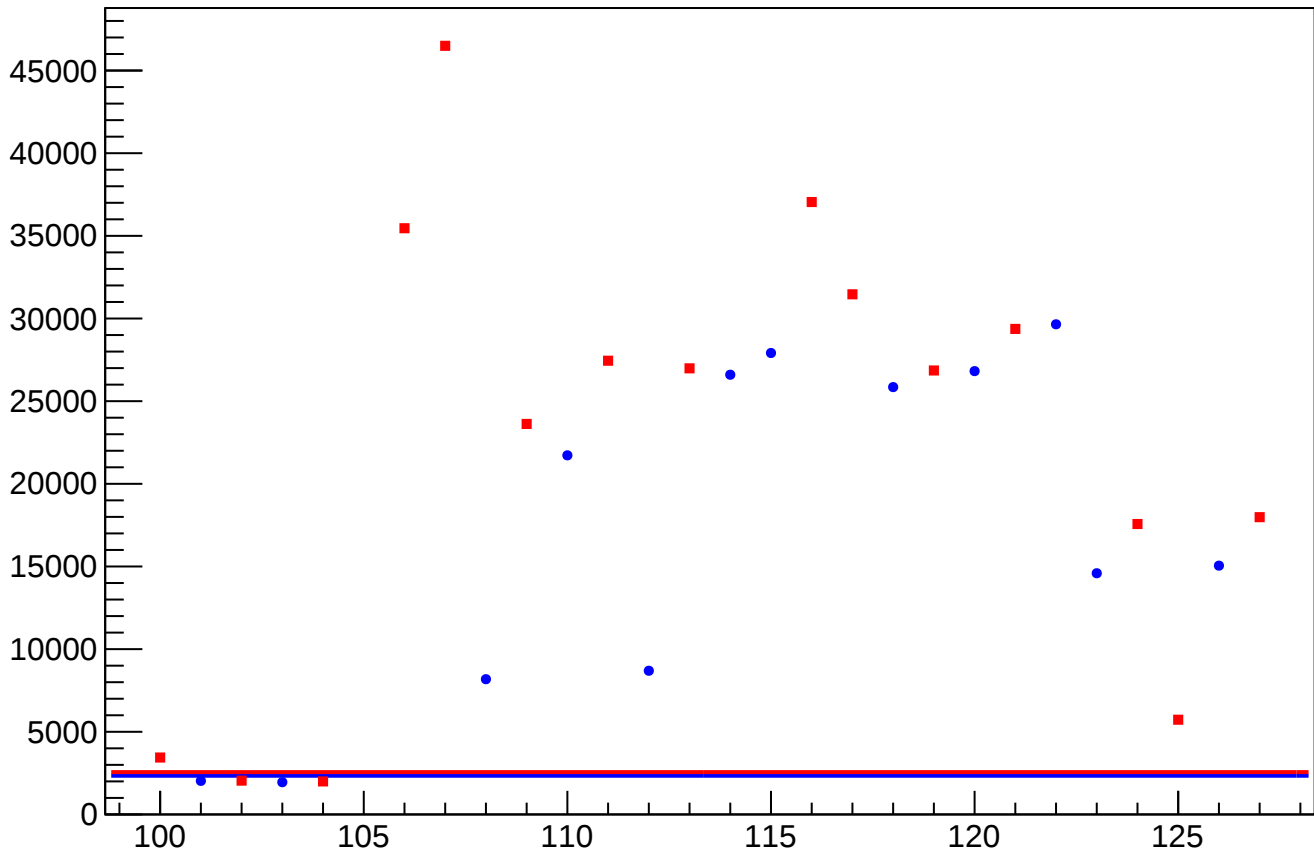
Right Out: 2.157+/-1.962 χ^2/NDF : 24.1/14

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

-9.463+/-1.830 χ^2/NDF : 16.4/11

2.157+/-1.962 χ^2/NDF : 24.1/14

diff_bpm0l03Y_rms vs Slug



Right In: 2342.406+/-1.294 χ^2/NDF : 3504213.2/11

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

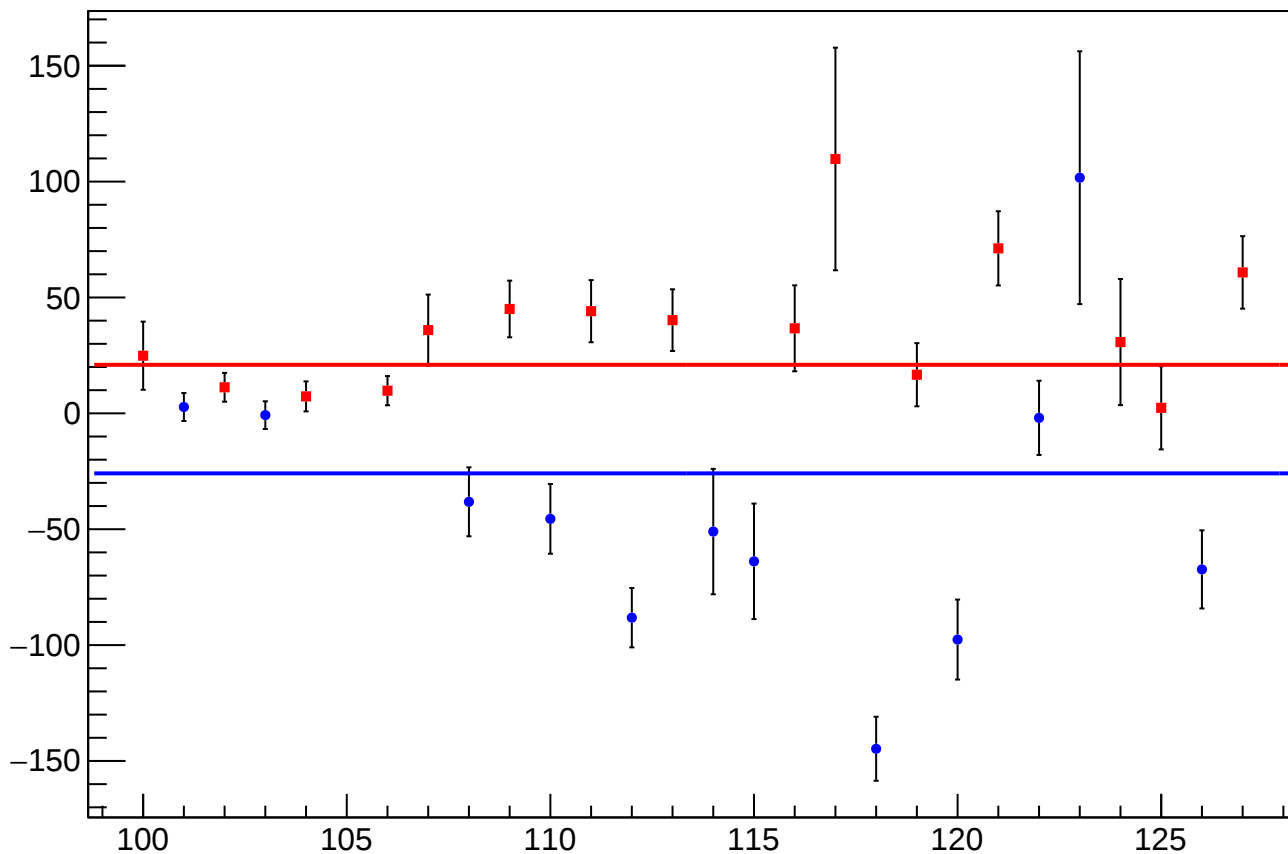
2342.406+/-1.294 χ^2/NDF : 3504213.2/11

Right Out: 2561.384+/-1.387 χ^2/NDF : 5957878.0/14

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

2561.384+/-1.387 χ^2/NDF : 5957878.0/14

diff_bpm0l04X_mean vs Slug



Right In: -25.904 $\pm$ 3.337 χ^2 /NDF: 174.4/11

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

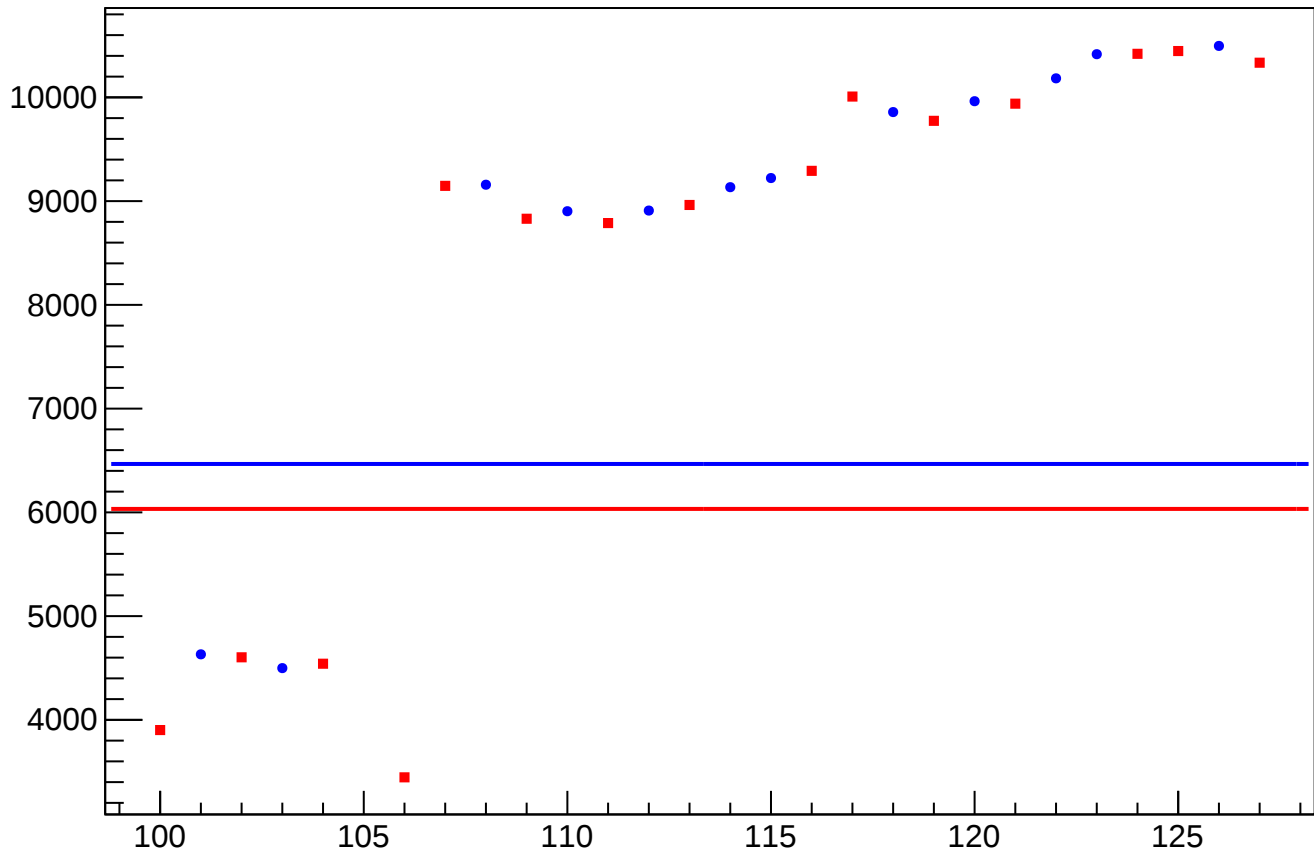
Right Out: 20.940 $\pm$ 2.853 χ^2 /NDF: 41.8/14

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

-25.904 $\pm$ 3.337 χ^2 /NDF: 174.4/11

20.940 $\pm$ 2.853 χ^2 /NDF: 41.8/14

diff_bpm0l04X_rms vs Slug



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

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

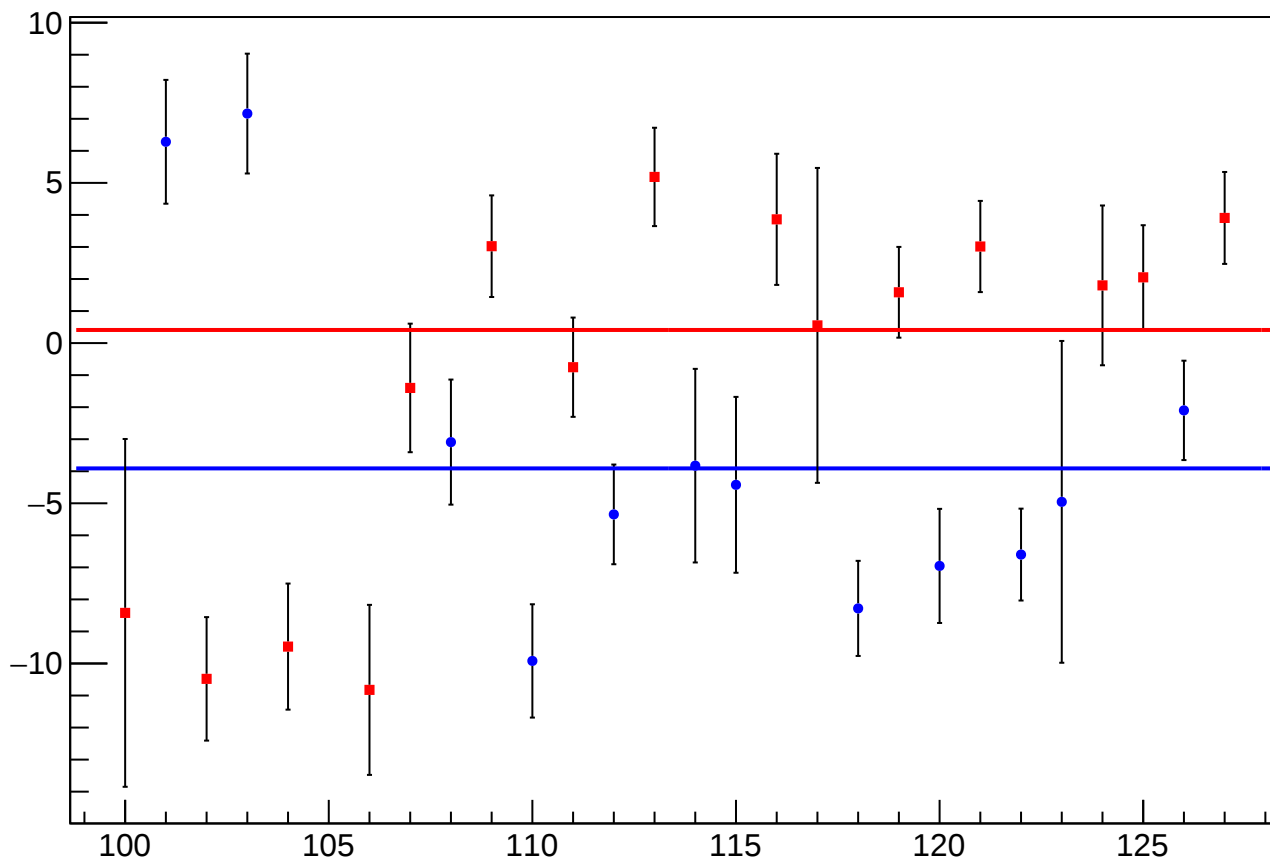
6466.538+/-2.360 χ^2/NDF : 1071214.1/11

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

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

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

diff_bpm0l04Y_mean vs Slug



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

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

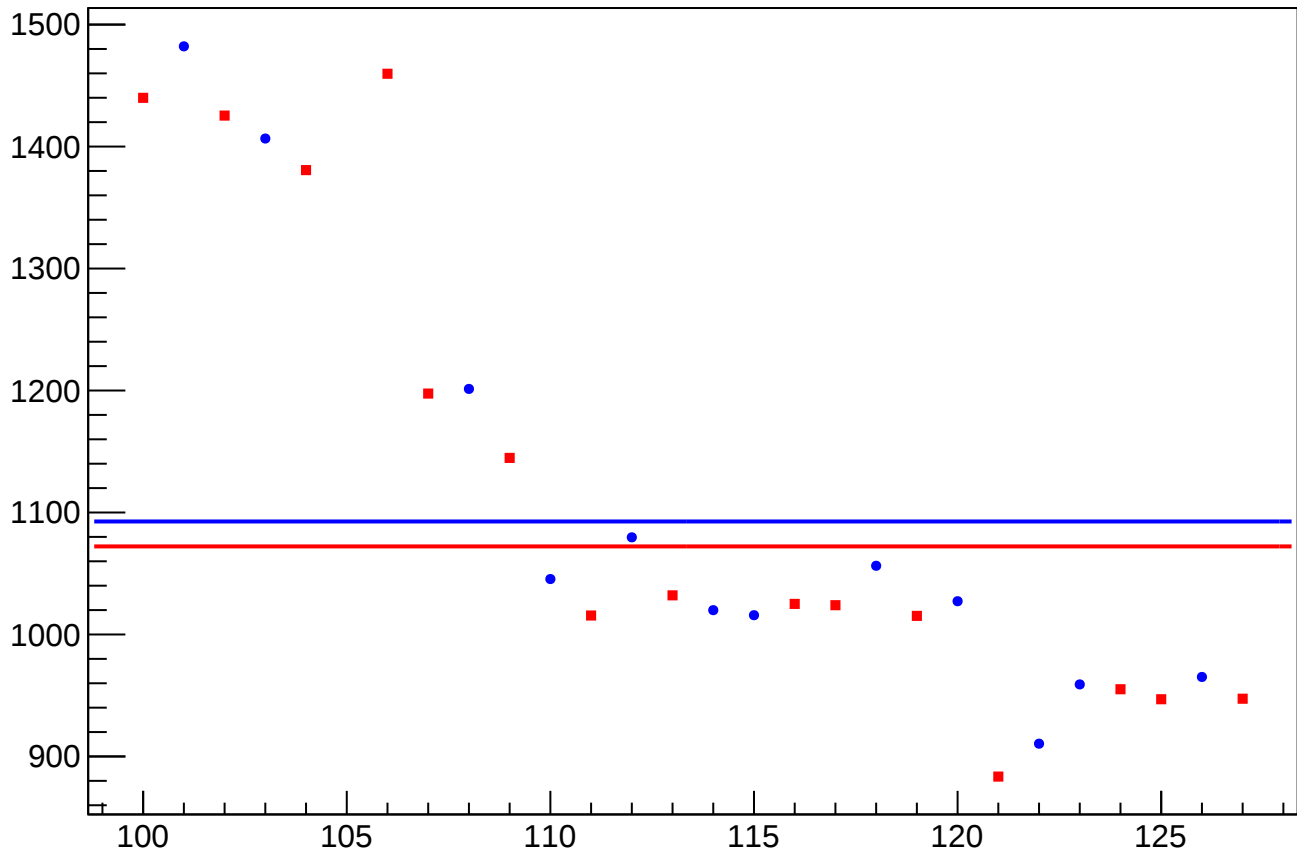
Right Out: 0.409+/-0.472 χ^2/NDF : 105.7/14

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

-3.911+/-0.534 χ^2/NDF : 92.0/11

0.409+/-0.472 χ^2/NDF : 105.7/14

diff_bpm0l04Y_rms vs Slug



Right In: 1092.643+/-0.378 χ^2/NDF : 199260.2/11

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

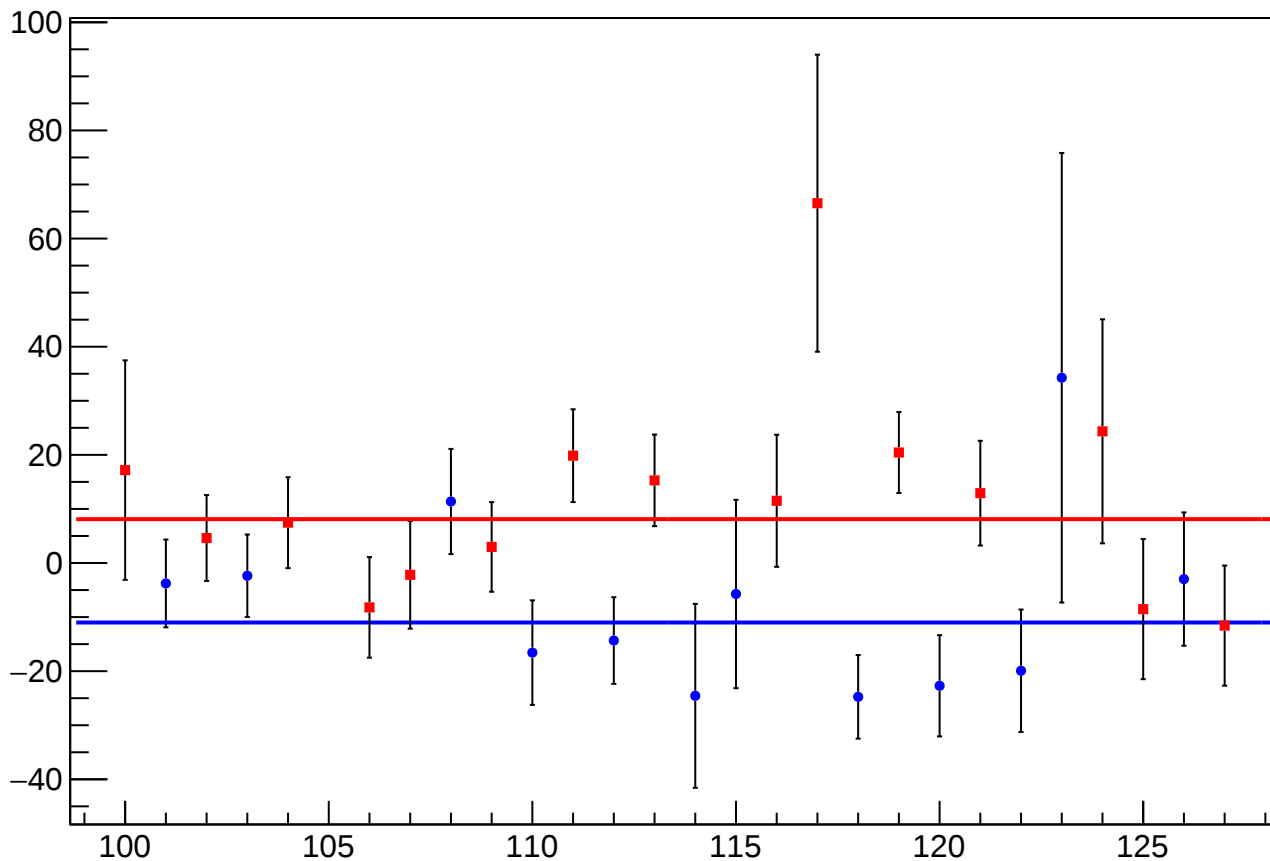
1092.643+/-0.378 χ^2/NDF : 199260.2/11

Right Out: 1072.203+/-0.334 χ^2/NDF : 255278.1/14

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

1072.203+/-0.334 χ^2/NDF : 255278.1/14

diff_bpm0l05X_mean vs Slug



Right In: -11.002 ± 2.897 χ^2/NDF : 15.6/11

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

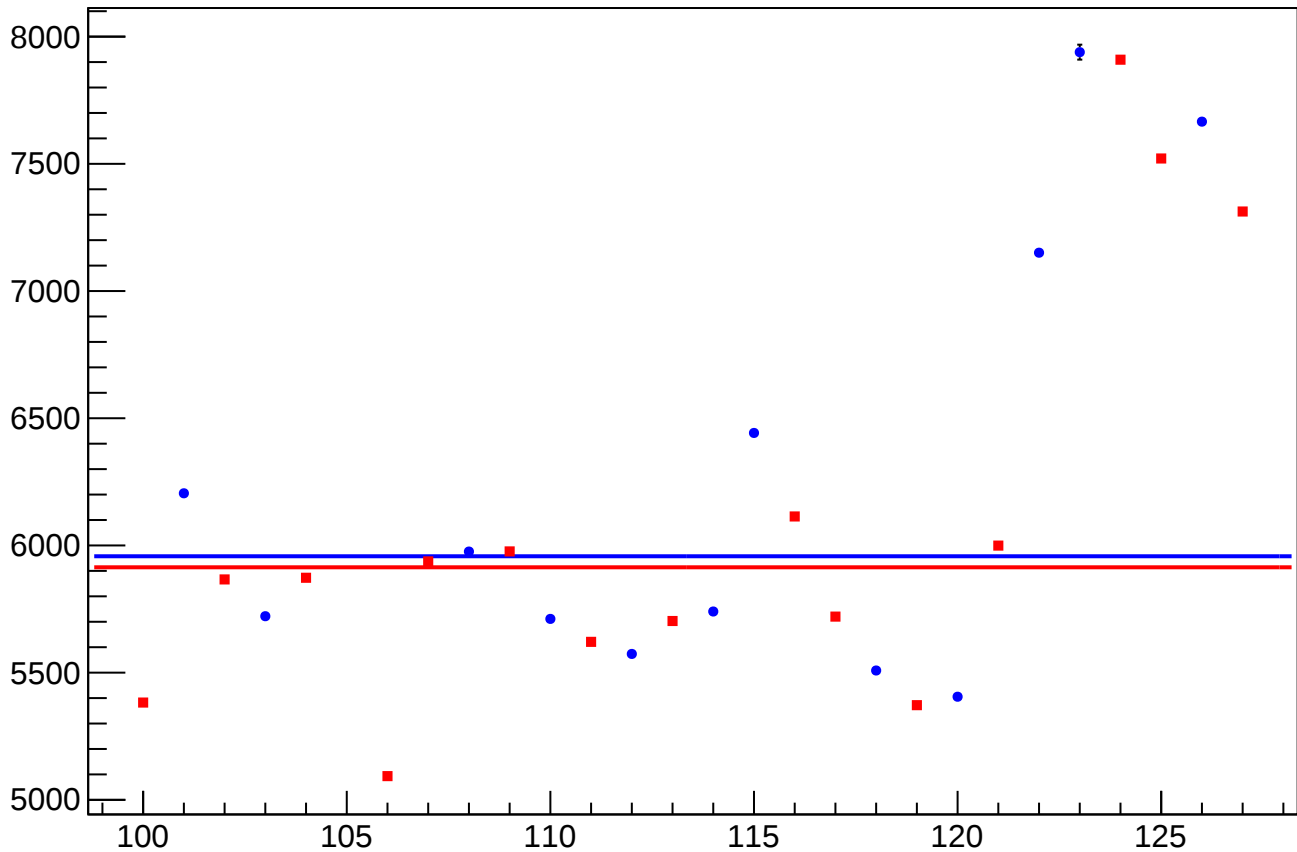
Right Out: 8.110 ± 2.590 χ^2/NDF : 20.5/14

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

-11.002 ± 2.897 χ^2/NDF : 15.6/11

8.110 ± 2.590 χ^2/NDF : 20.5/14

diff_bpm0l05X_rms vs Slug



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

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

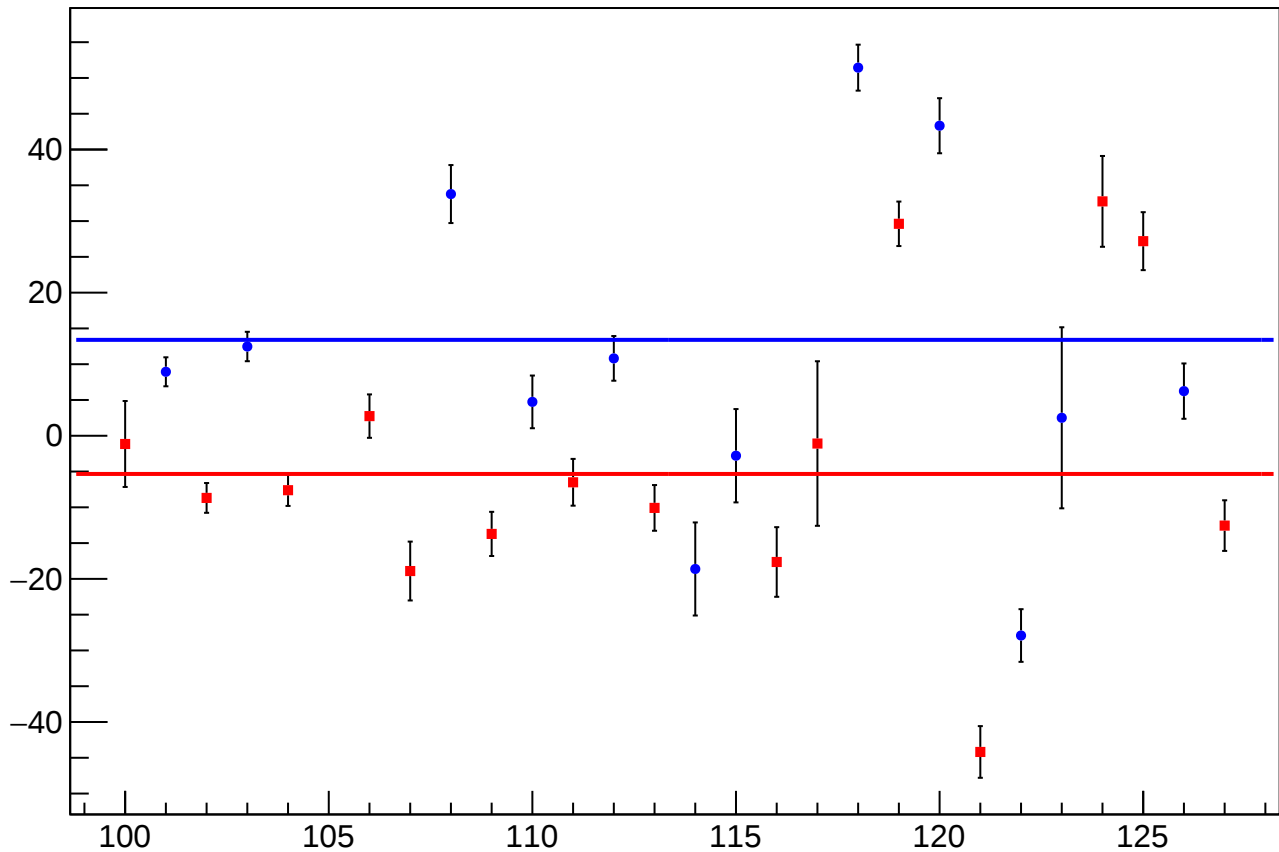
5957.479+/-2.049 χ^2/NDF : 90371.9/11

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

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

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

diff_bpm0l05Y_mean vs Slug



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

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

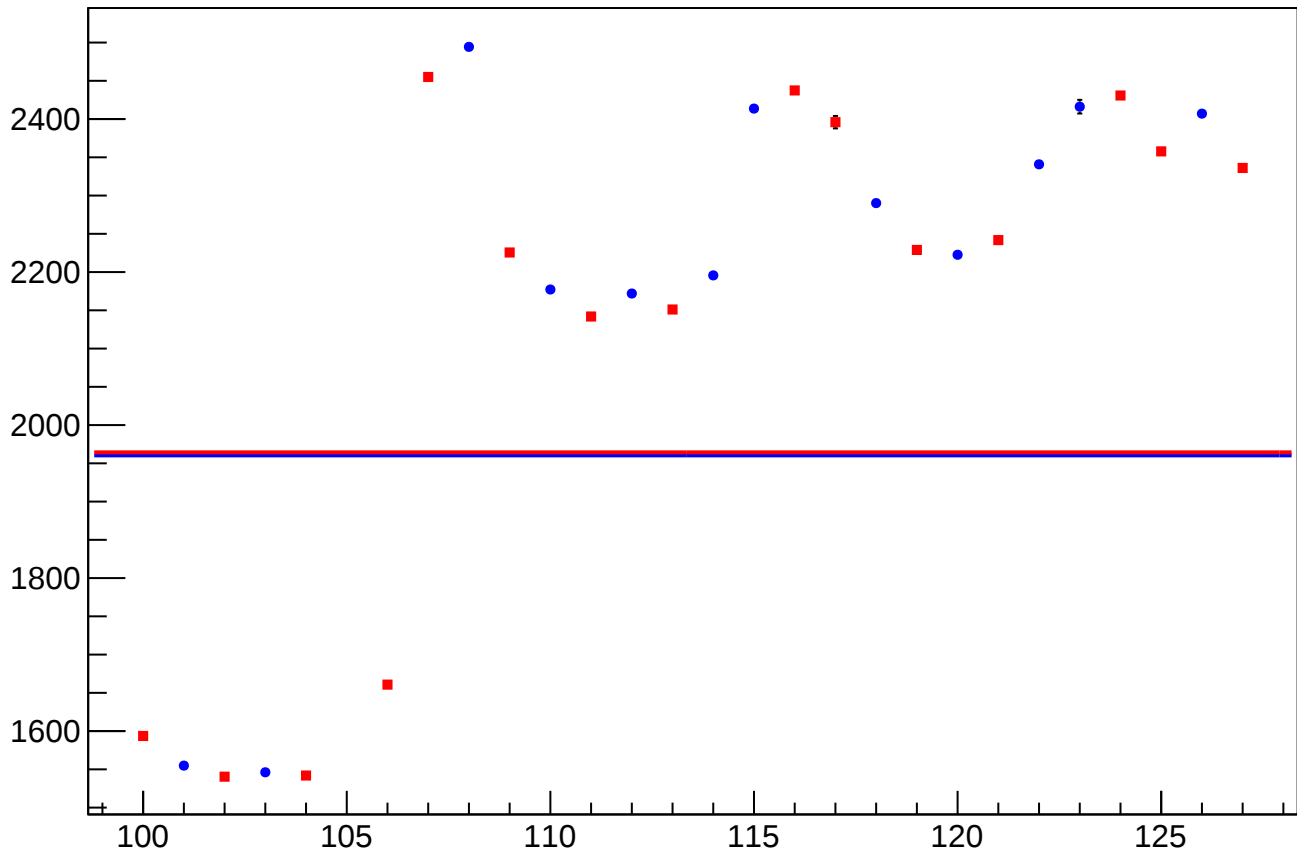
Right Out: -5.337+/-0.869 χ^2/NDF : 385.3/14

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

13.402+/-0.964 χ^2/NDF : 397.9/11

-5.337+/-0.869 χ^2/NDF : 385.3/14

diff_bpm0l05Y_rms vs Slug



Right In: 1960.412 $\pm$ 0.682 χ^2 /NDF: 305545.1/11

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

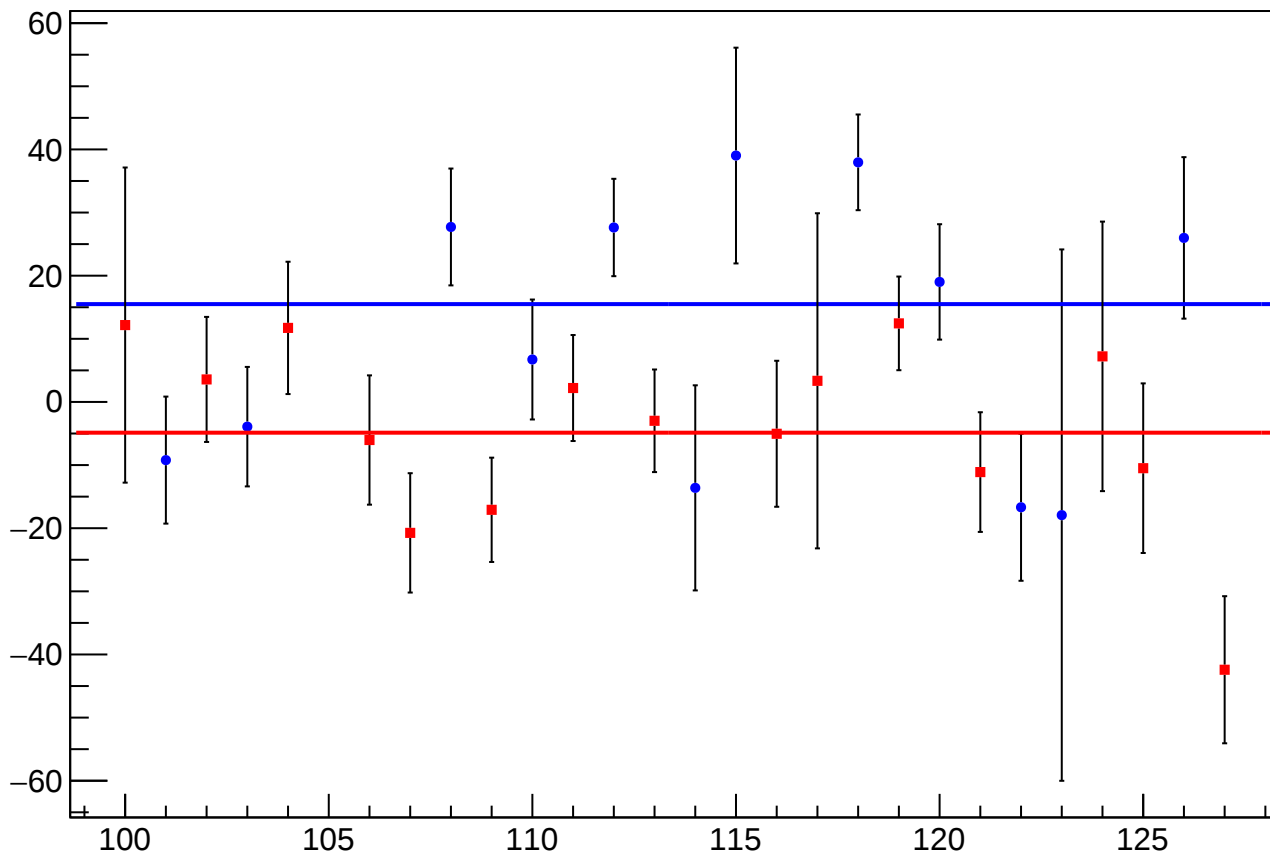
Right Out: 1964.339 $\pm$ 0.614 χ^2 /NDF: 339808.4/14

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

1960.412 $\pm$ 0.682 χ^2 /NDF: 305545.1/11

1964.339 $\pm$ 0.614 χ^2 /NDF: 339808.4/14

diff_bpm0l06X_mean vs Slug



Right In: 15.497+/-2.998 χ^2/NDF : 38.3/11

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

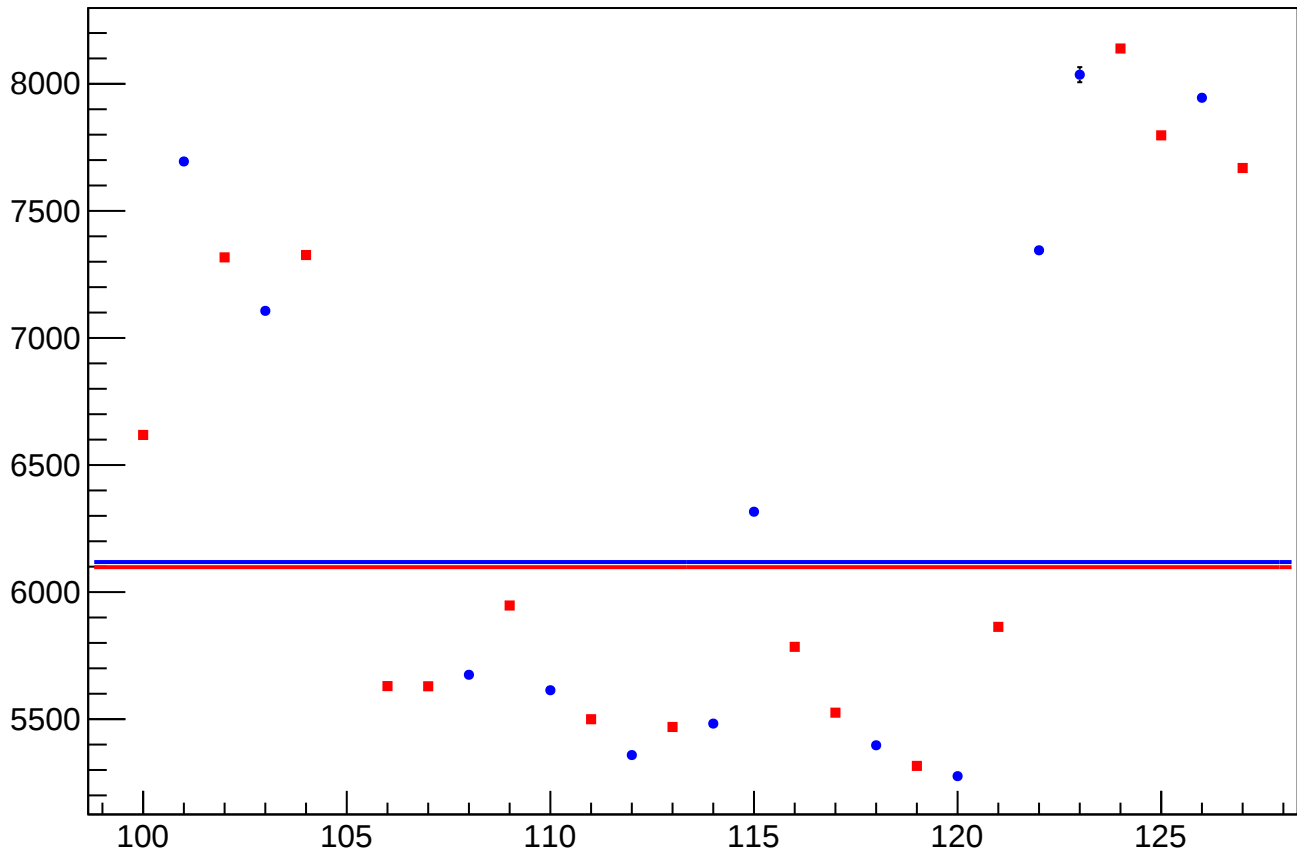
Right Out: -4.870+/-2.683 χ^2/NDF : 26.3/14

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

15.497+/-2.998 χ^2/NDF : 38.3/11

-4.870+/-2.683 χ^2/NDF : 26.3/14

diff_bpm0l06X_rms vs Slug



Right In: 6118.215+/-2.120 χ^2/NDF : 206131.9/11

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

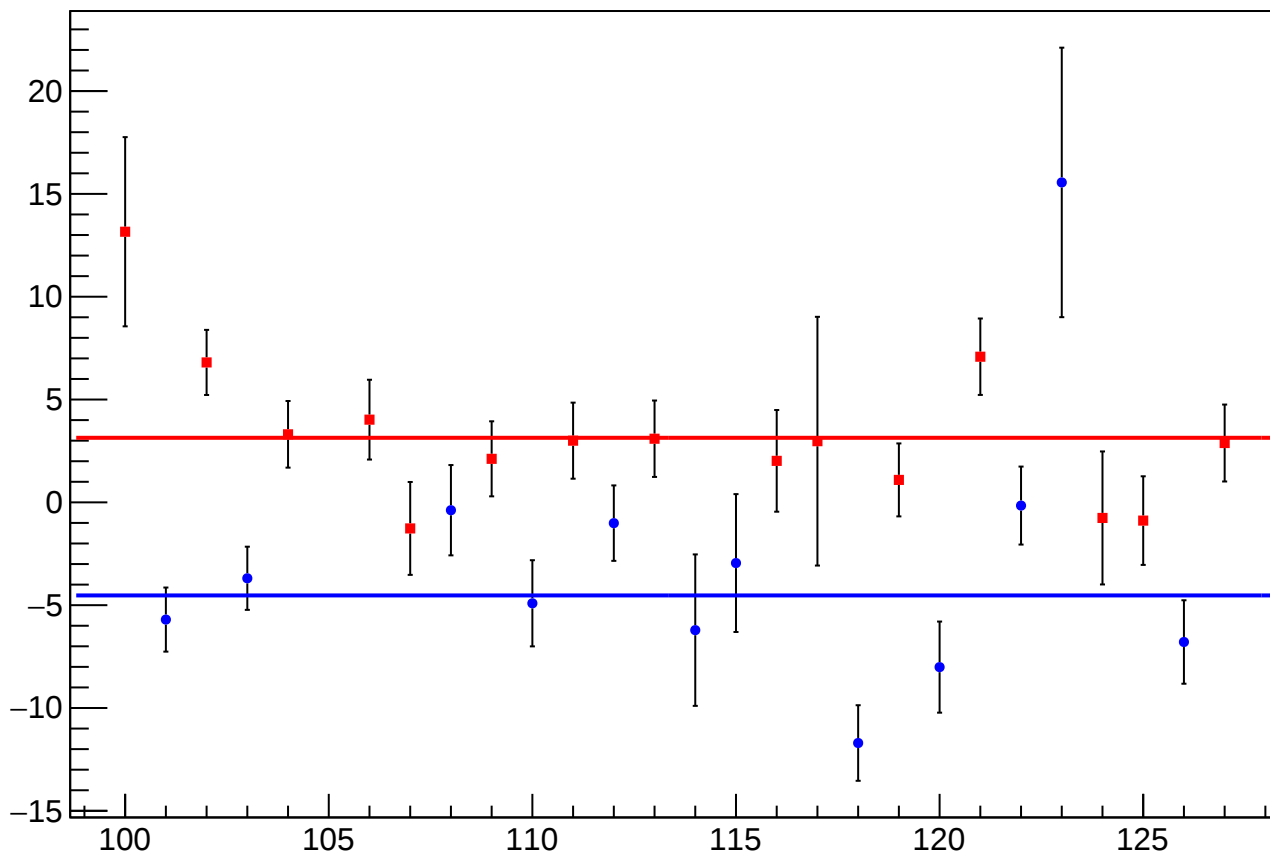
Right Out: 6098.037+/-1.897 χ^2/NDF : 203022.8/14

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

6118.215+/-2.120 χ^2/NDF : 206131.9/11

6098.037+/-1.897 χ^2/NDF : 203022.8/14

diff_bpm0l06Y_mean vs Slug



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

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

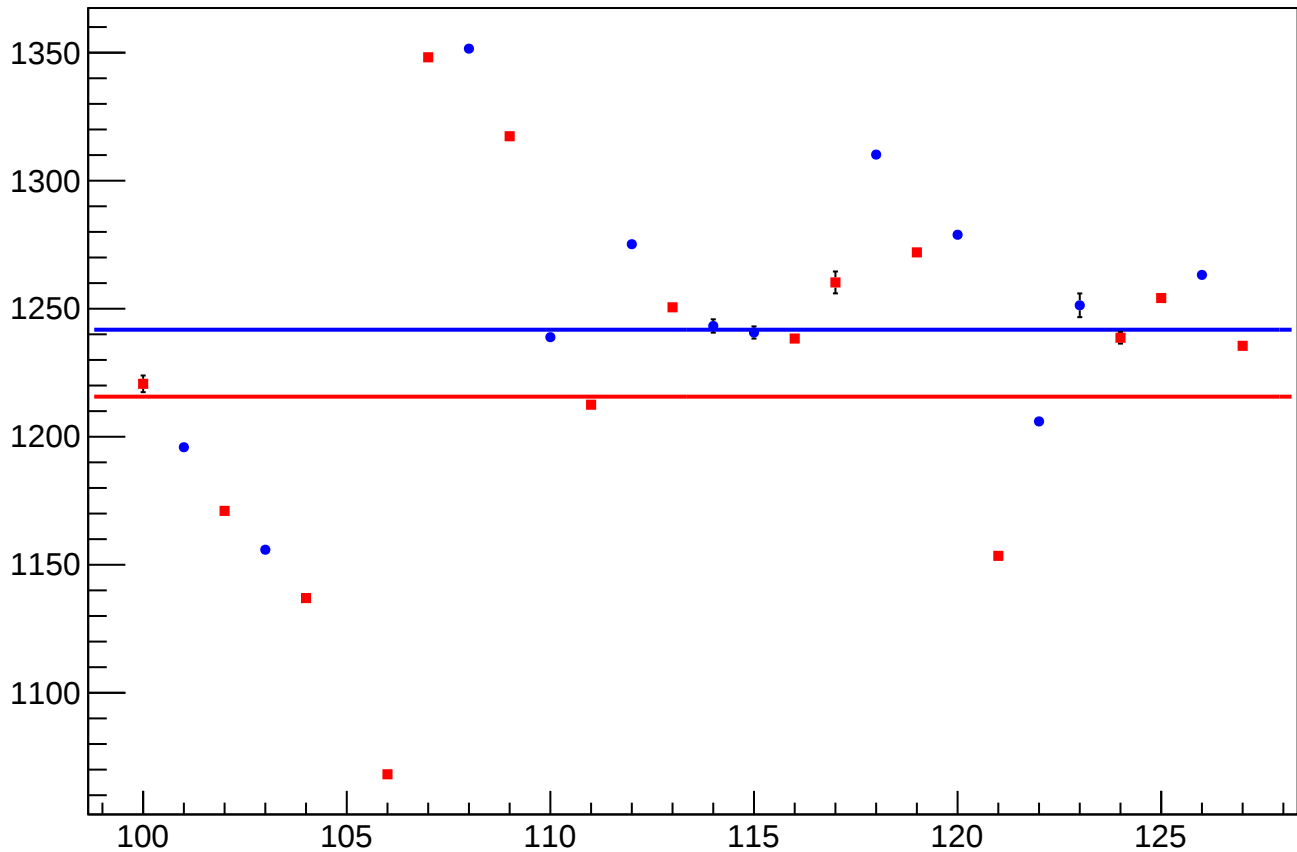
Right Out: 3.140+/-0.529 χ^2/NDF : 25.5/14

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

-4.526+/-0.600 χ^2/NDF : 42.2/11

3.140+/-0.529 χ^2/NDF : 25.5/14

diff_bpm0l06Y_rms vs Slug



Right In: 1241.801+/-0.424 χ^2/NDF : 17928.4/11

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

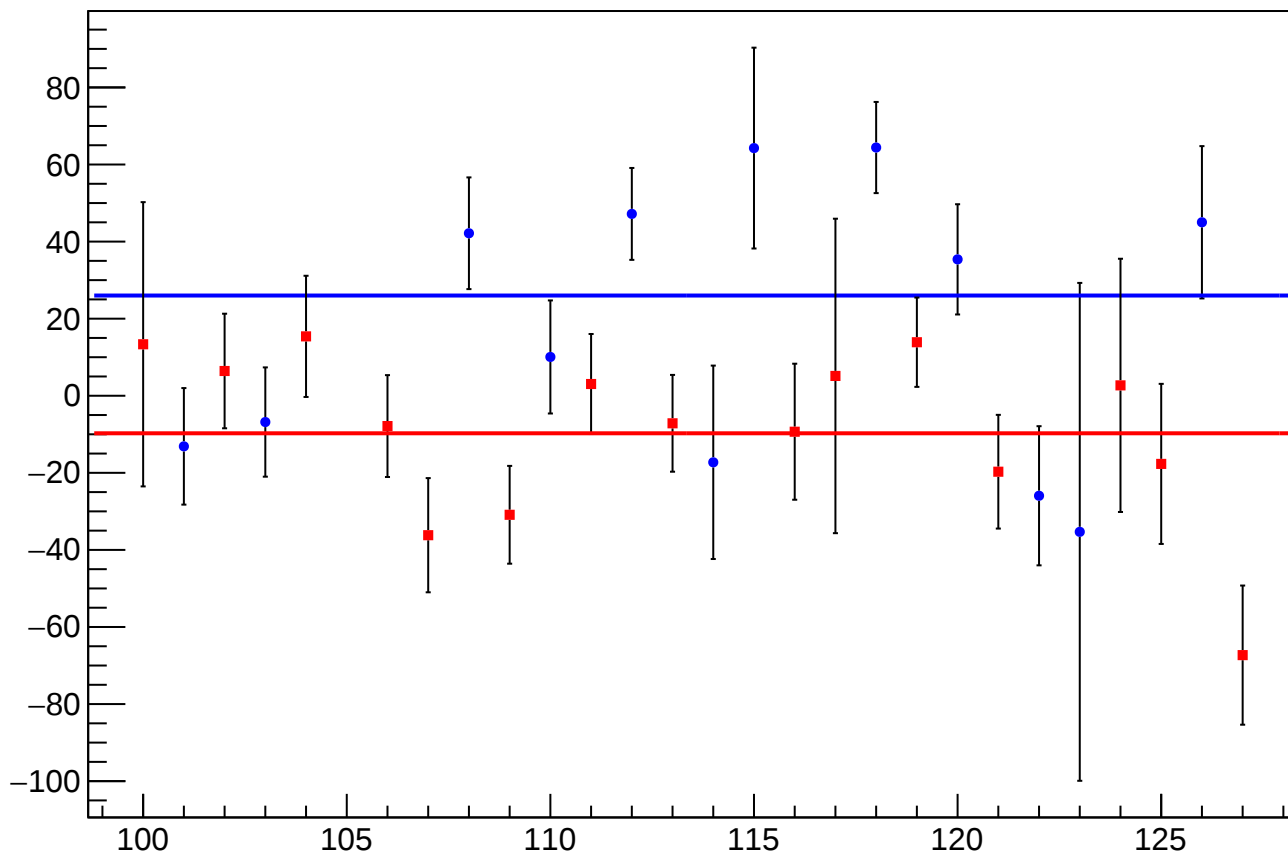
Right Out: 1215.659+/-0.374 χ^2/NDF : 37176.8/14

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

1241.801+/-0.424 χ^2/NDF : 17928.4/11

1215.659+/-0.374 χ^2/NDF : 37176.8/14

diff_bpm0l07X_mean vs Slug



Right In: 26.005+/-4.625 χ^2 /NDF: 43.8/11

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

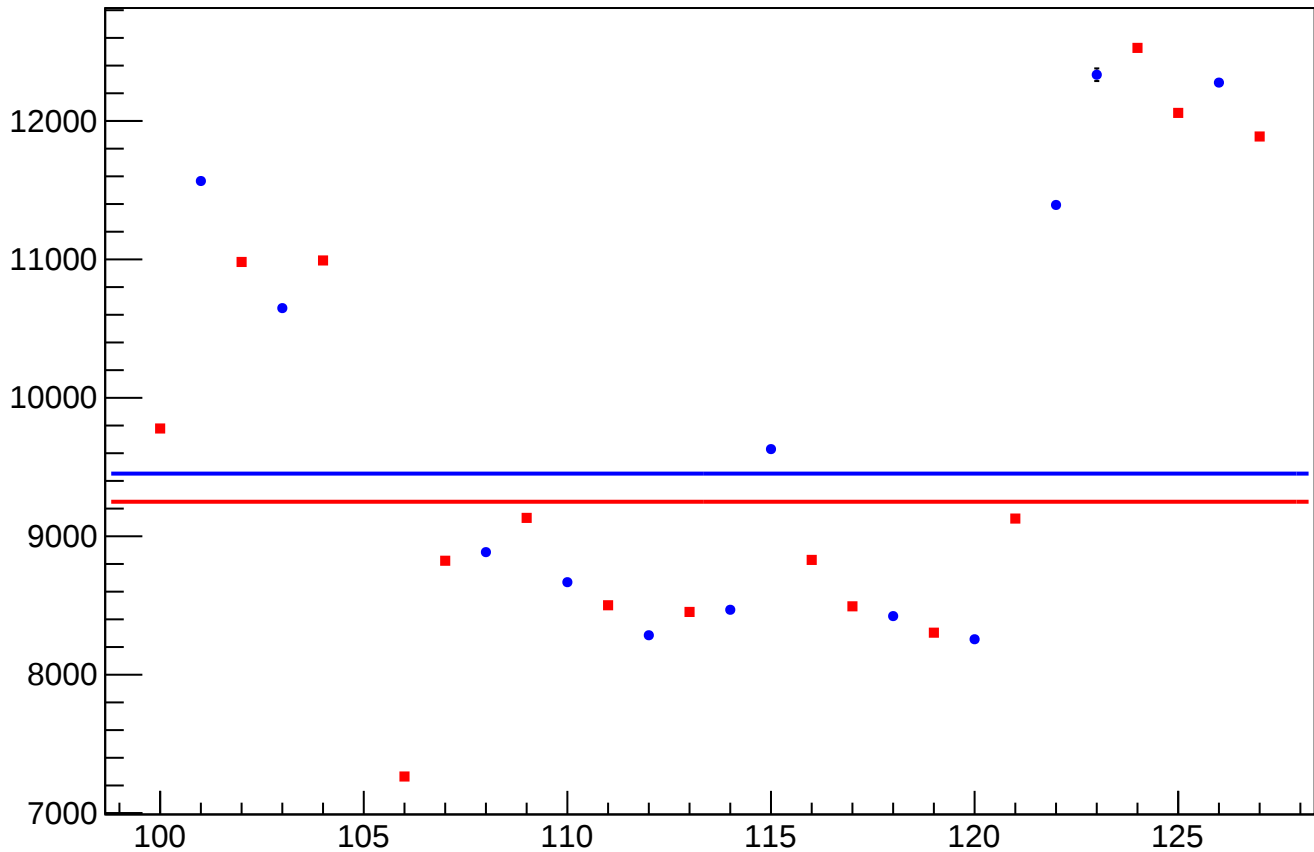
Right Out: -9.739+/-4.074 χ^2 /NDF: 26.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

26.005+/-4.625 χ^2 /NDF: 43.8/11

-9.739+/-4.074 χ^2 /NDF: 26.3/14

diff_bpm0l07X_rms vs Slug



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

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

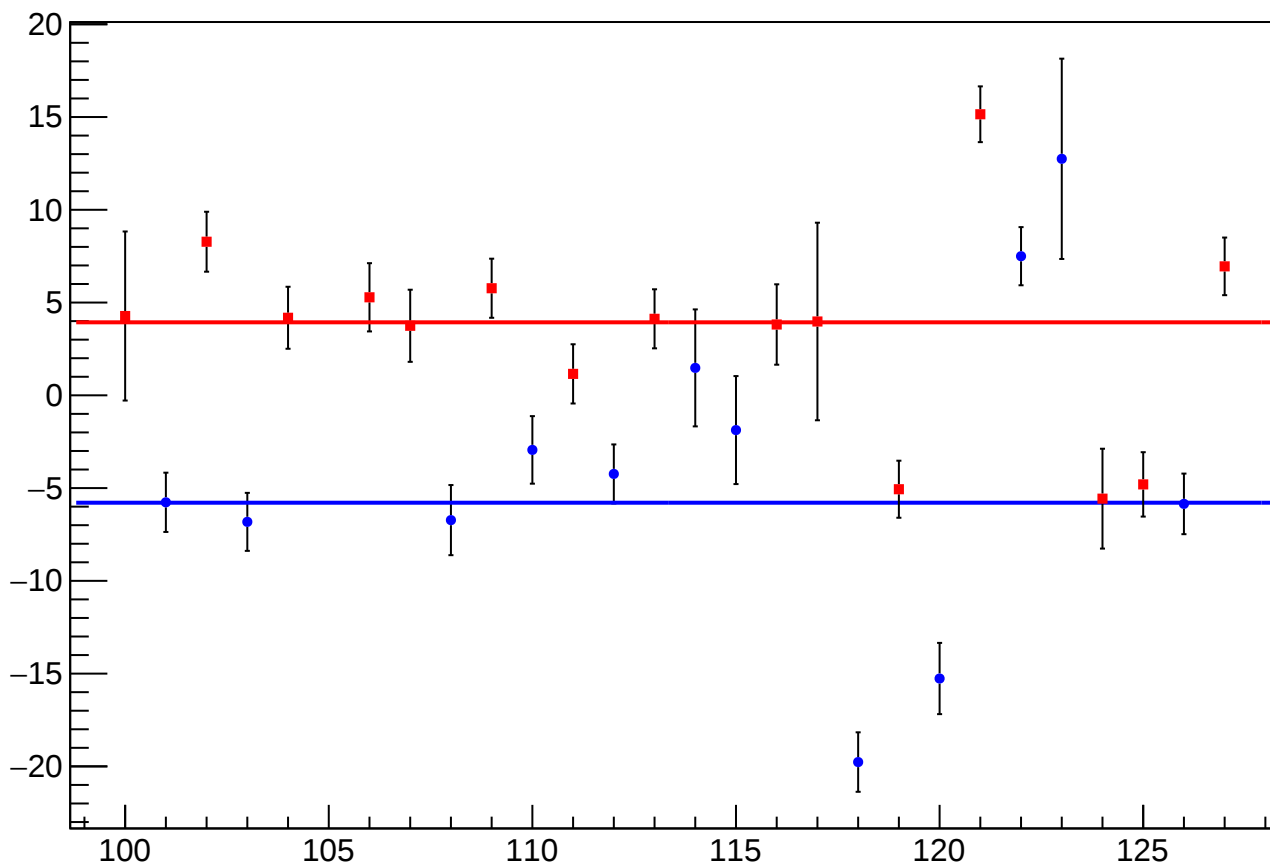
9452.761+/-3.270 χ^2/NDF : 181499.4/11

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

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

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

diff_bpm0l07Y_mean vs Slug



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

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

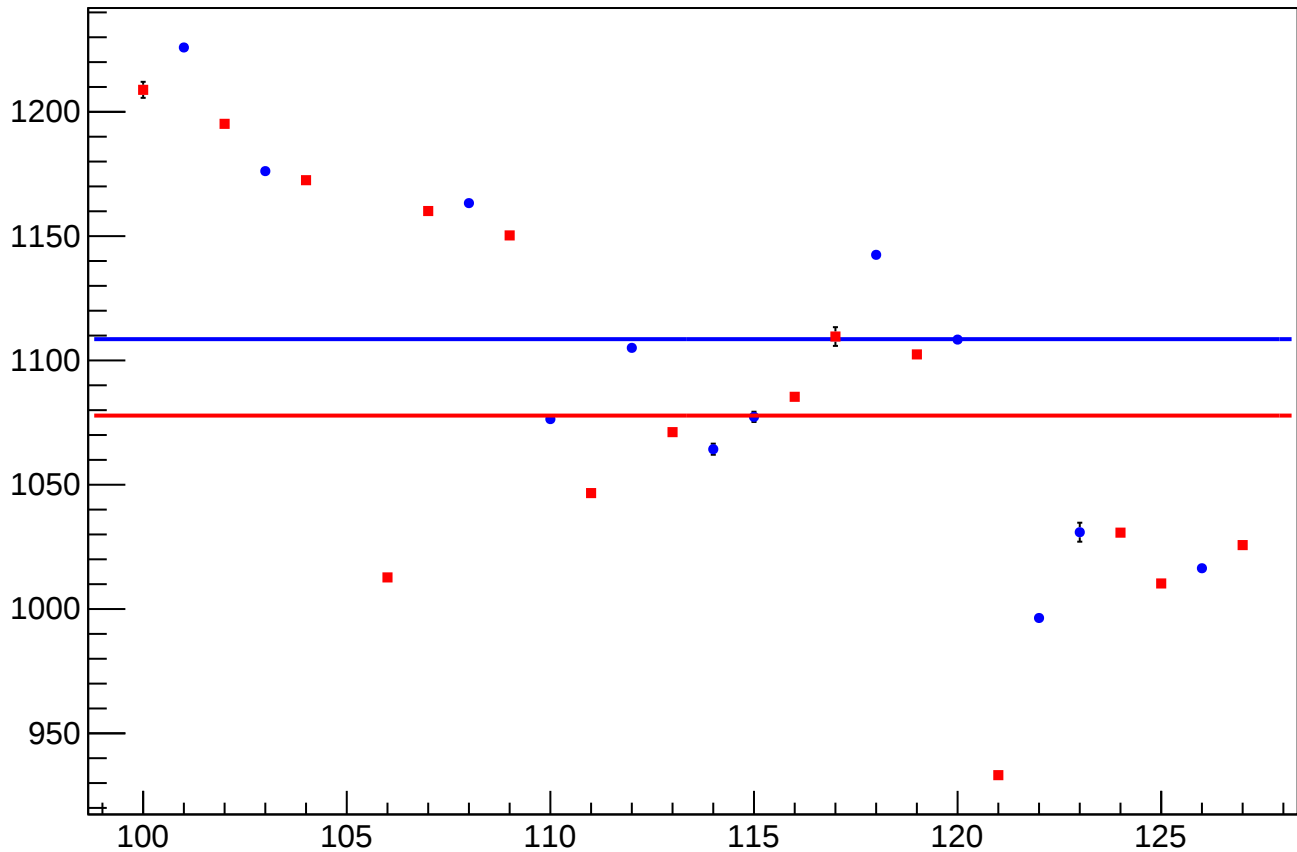
Right Out: 3.935+/-0.470 χ^2/NDF : 143.7/14

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

-5.789+/-0.537 χ^2/NDF : 195.3/11

3.935+/-0.470 χ^2/NDF : 143.7/14

diff_bpm0l07Y_rms vs Slug



Right In: 1108.561+/-0.379 χ^2/NDF : 35385.7/11

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

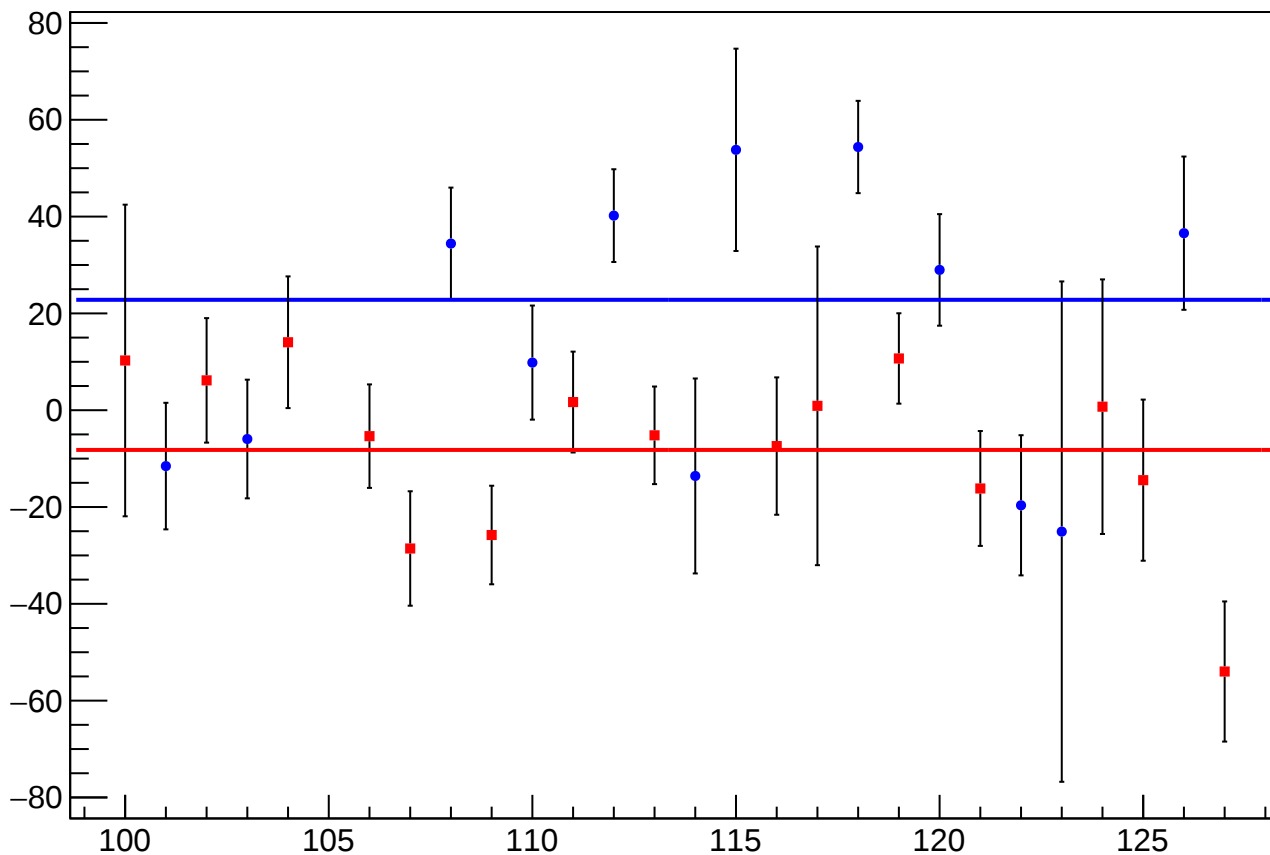
Right Out: 1077.819+/-0.332 χ^2/NDF : 54684.9/14

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

1108.561+/-0.379 χ^2/NDF : 35385.7/11

1077.819+/-0.332 χ^2/NDF : 54684.9/14

diff_bpm0l08X_mean vs Slug



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

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

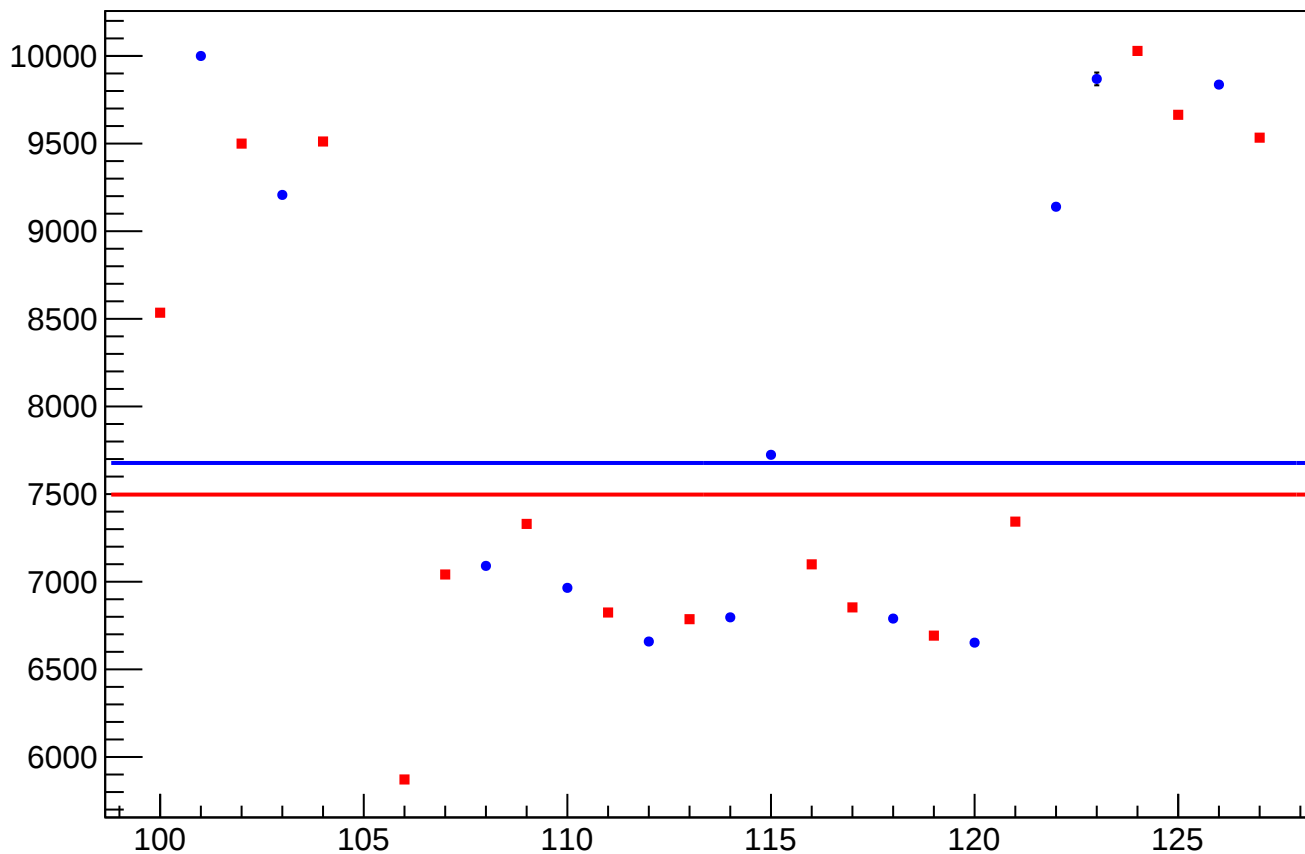
Right Out: -8.206+/-3.309 χ^2/NDF : 26.1/14

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

22.809+/-3.766 χ^2/NDF : 44.8/11

-8.206+/-3.309 χ^2/NDF : 26.1/14

diff_bpm0l08X_rms vs Slug



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

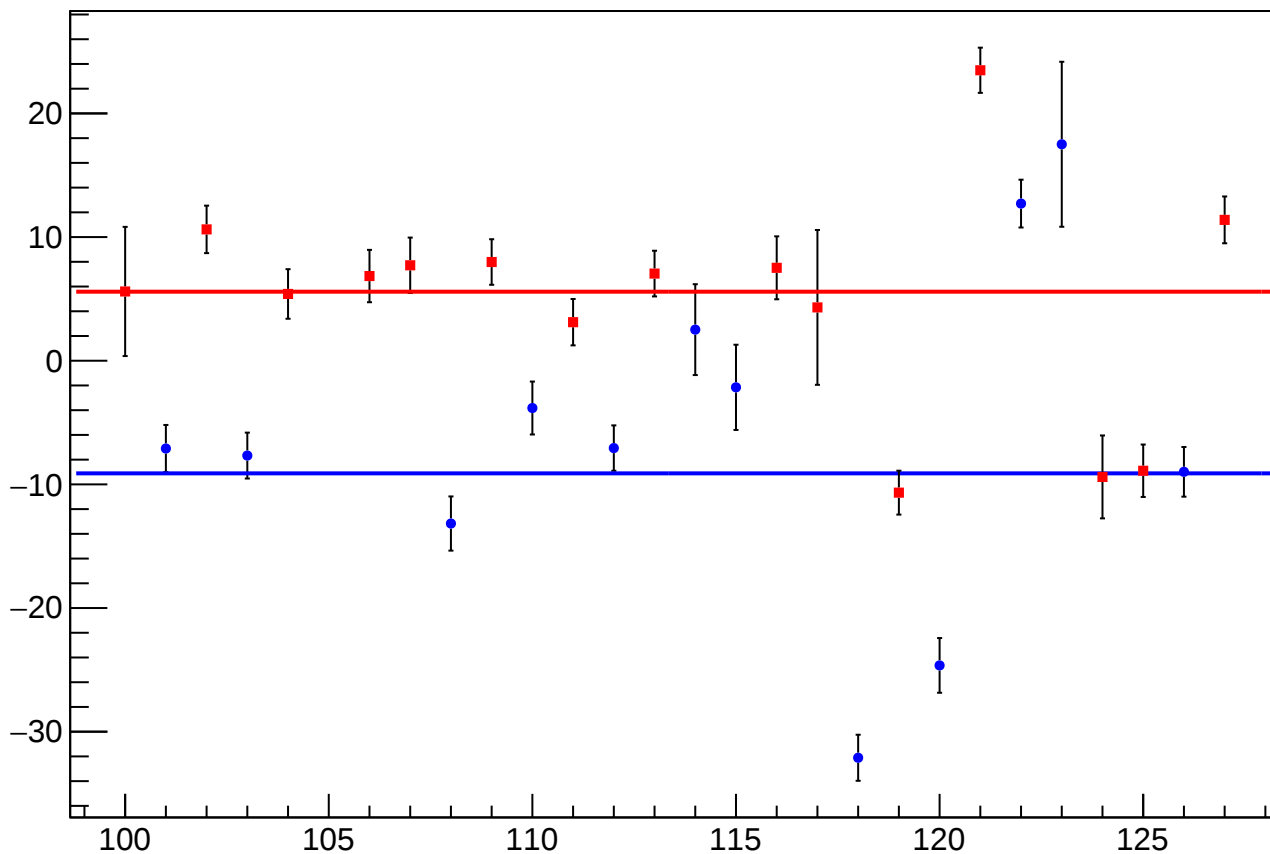
Right Out: 7497.272 $\pm$ 2.340 χ^2 /NDF: 272020.6/14

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

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

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

diff_bpm0l08Y_mean vs Slug



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

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

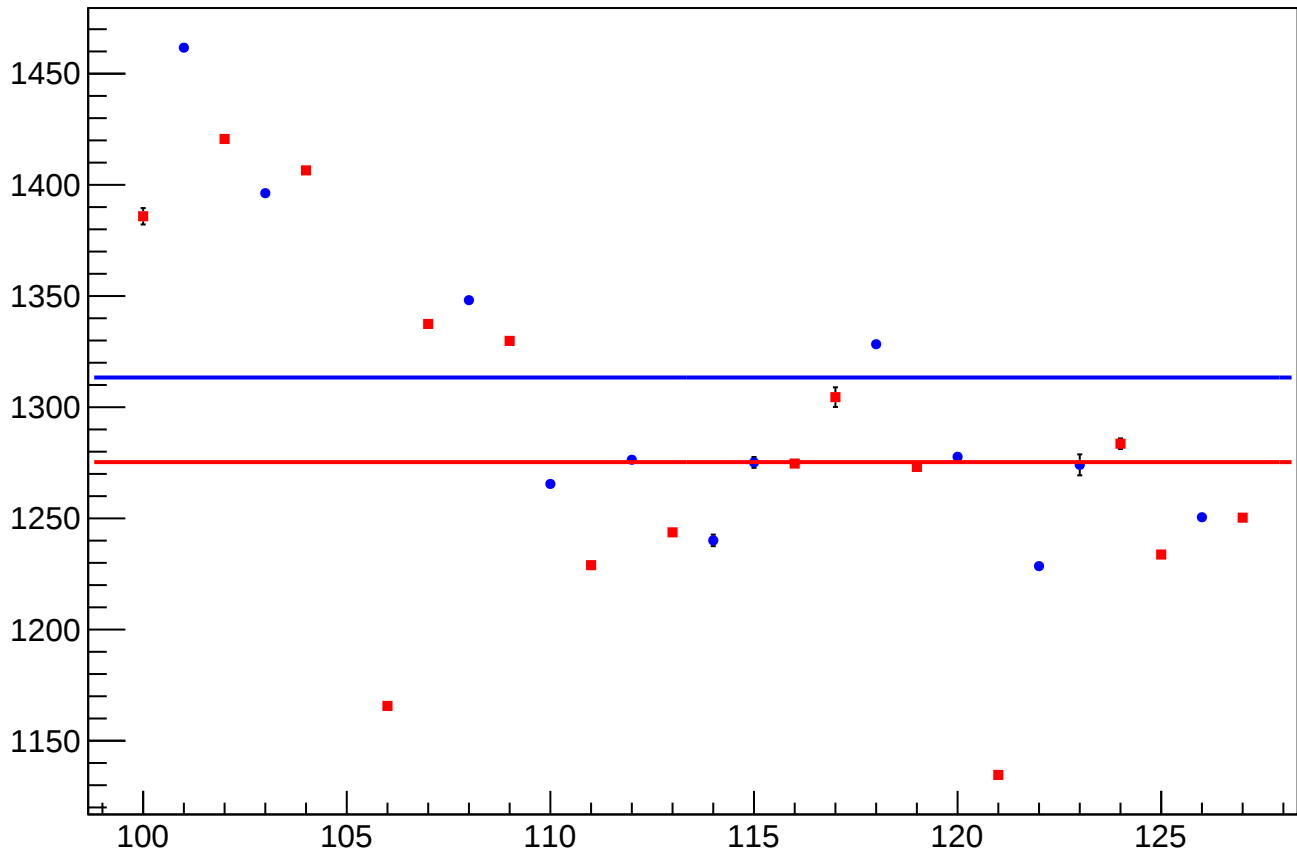
Right Out: 5.583+/-0.556 χ^2/NDF : 268.7/14

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

-9.109+/-0.635 χ^2/NDF : 371.6/11

5.583+/-0.556 χ^2/NDF : 268.7/14

diff_bpm0l08Y_rms vs Slug



Right In: 1313.363 $\pm$ 0.449 χ^2 /NDF: 26000.5/11

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

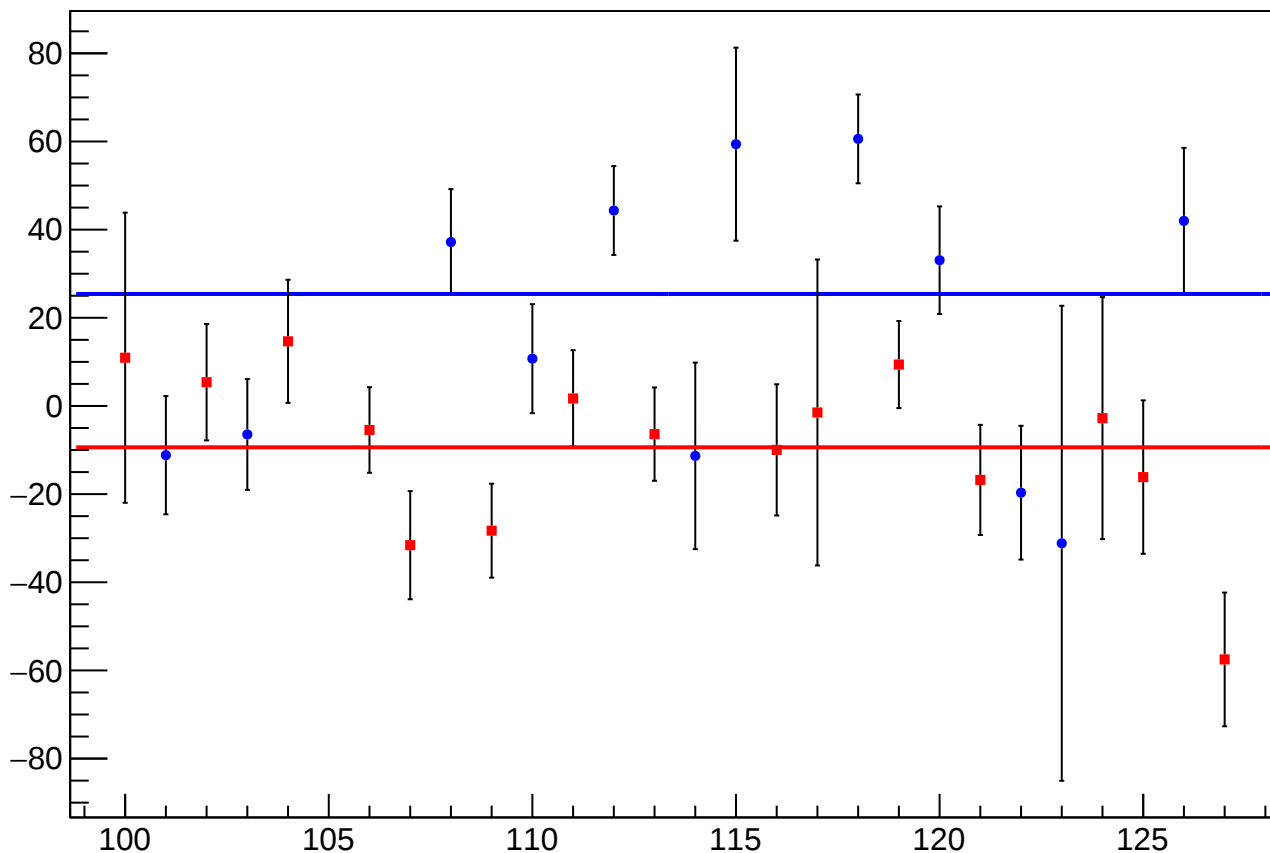
Right Out: 1275.308 $\pm$ 0.393 χ^2 /NDF: 44406.8/14

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

1313.363 $\pm$ 0.449 χ^2 /NDF: 26000.5/11

1275.308 $\pm$ 0.393 χ^2 /NDF: 44406.8/14

diff_bpm0l09X_mean vs Slug



Right In: 25.407+/-3.940 χ^2/NDF : 48.7/11

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

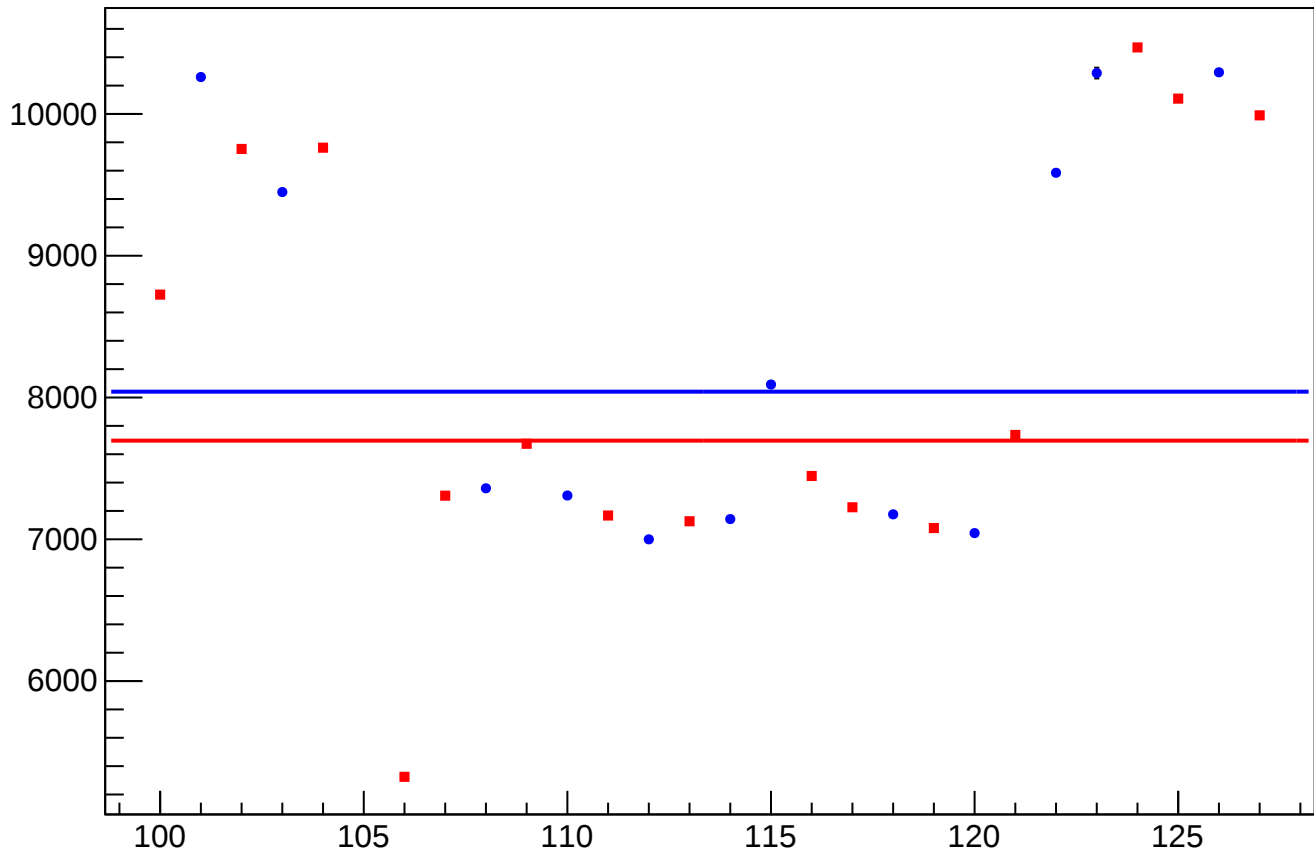
Right Out: -9.379+/-3.408 χ^2/NDF : 26.6/14

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

25.407+/-3.940 χ^2/NDF : 48.7/11

-9.379+/-3.408 χ^2/NDF : 26.6/14

diff_bpm0l09X_rms vs Slug



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

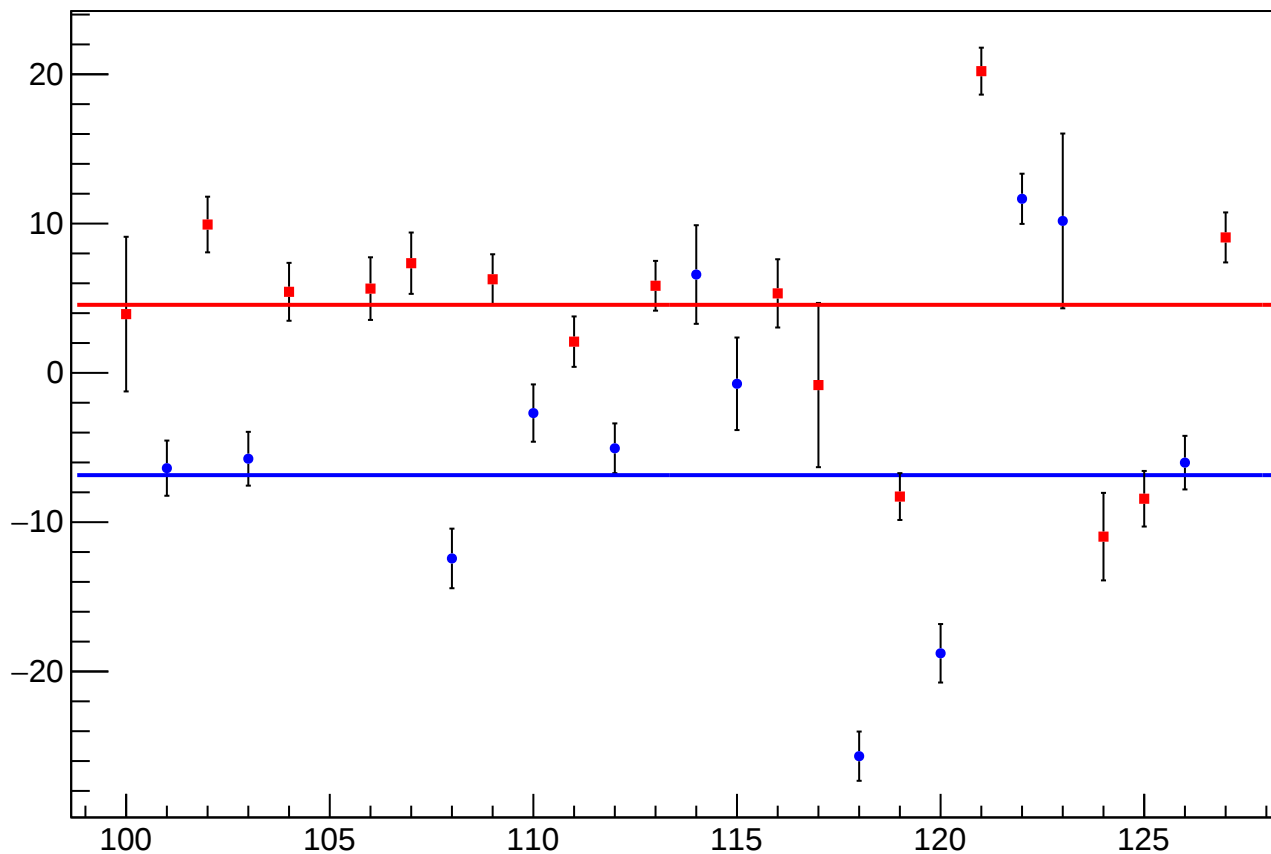
Right Out: 7695.799 $\pm$ 2.410 χ^2 /NDF: 339316.6/14

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

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

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

diff_bpm0l09Y_mean vs Slug



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

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

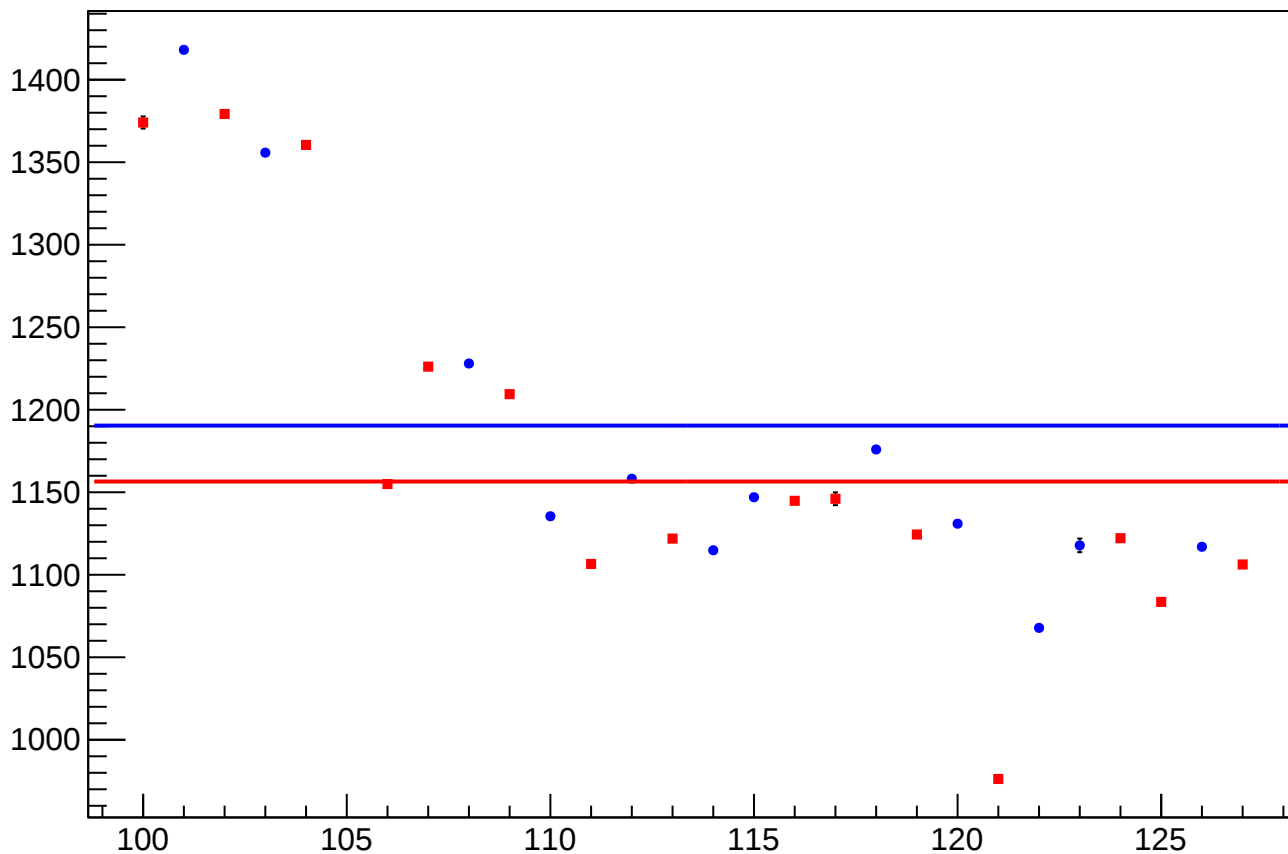
Right Out: 4.558+/-0.505 χ^2/NDF : 265.6/14

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

-6.849+/-0.577 χ^2/NDF : 331.9/11

4.558+/-0.505 χ^2/NDF : 265.6/14

diff_bpm0l09Y_rms vs Slug



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

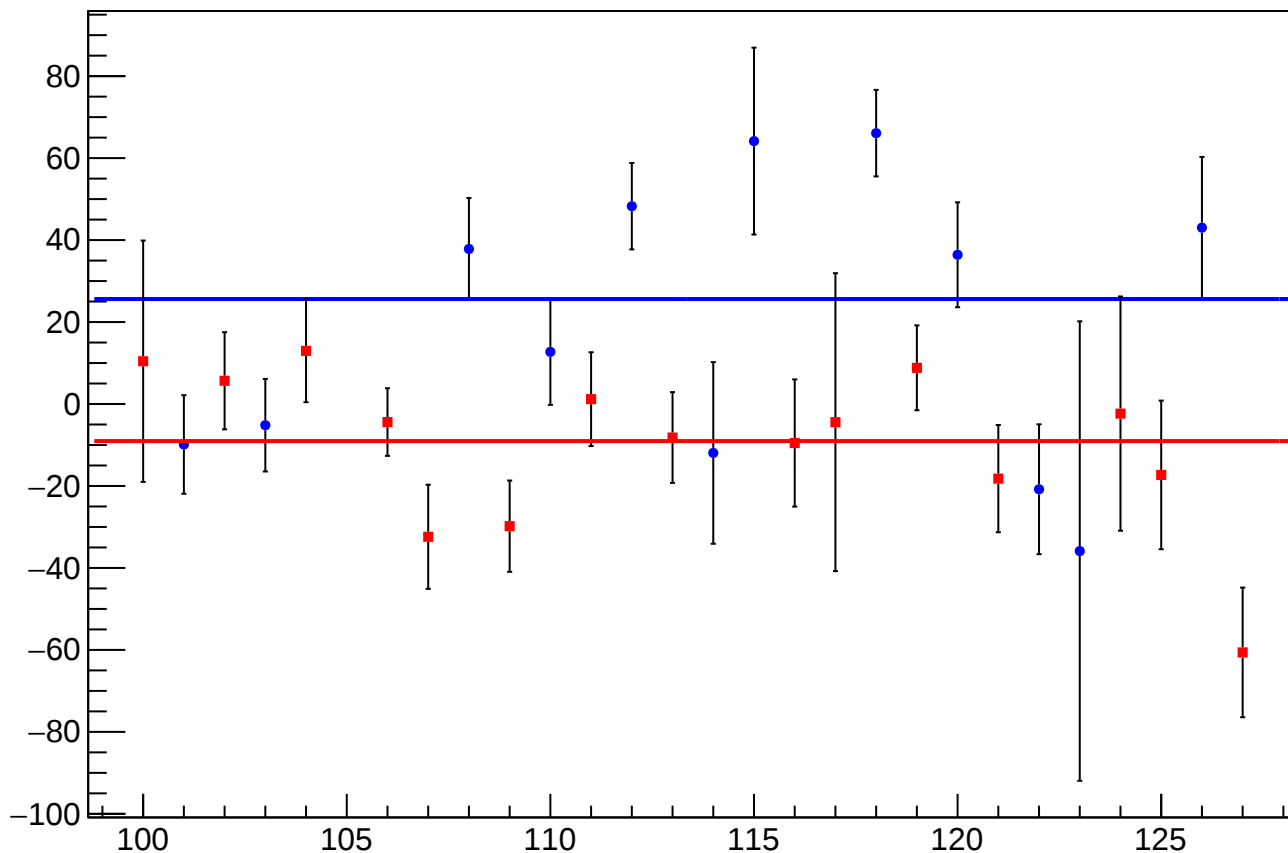
Right Out: 1156.508 $\pm$ 0.357 χ^2 /NDF: 93438.1/14

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

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

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

diff_bpm0l10X_mean vs Slug



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

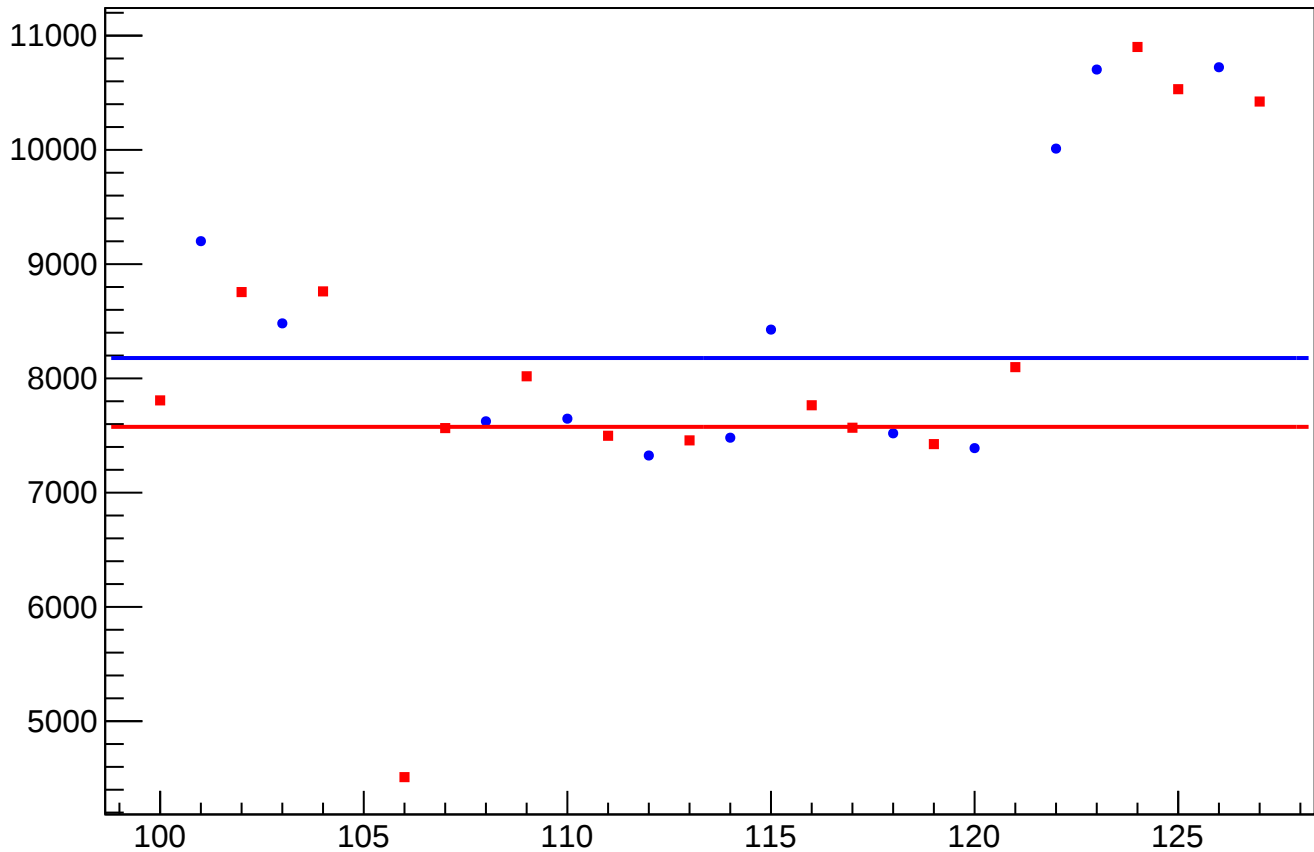
Right Out: -9.040 $\pm$ 3.377 χ^2 /NDF: 27.4/14

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

25.617 $\pm$ 3.987 χ^2 /NDF: 54.7/11

-9.040 $\pm$ 3.377 χ^2 /NDF: 27.4/14

diff_bpm0l10X_rms vs Slug



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

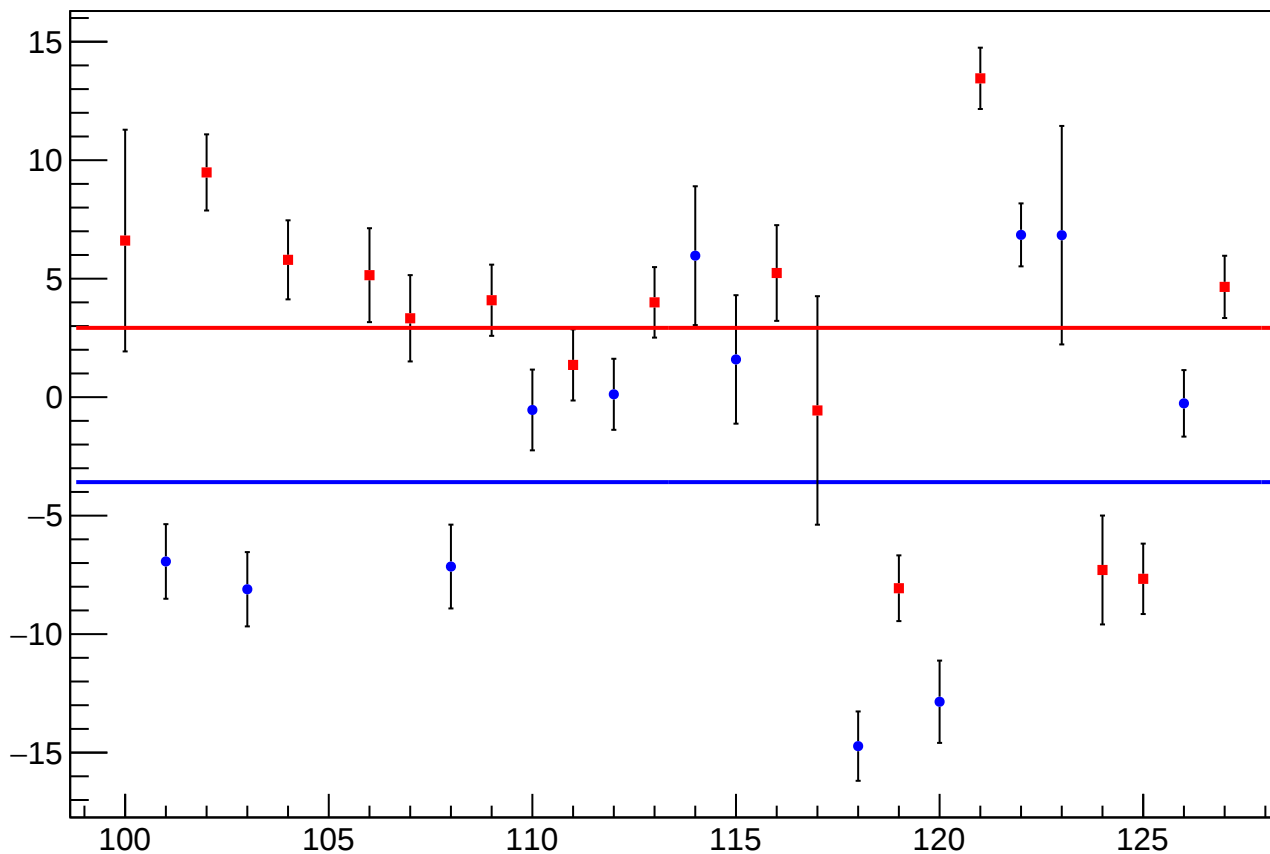
Right Out: 7575.917 $\pm$ 2.388 χ^2 /NDF: 466263.1/14

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

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

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

diff_bpm0l10Y_mean vs Slug



Right In: -3.585+/-0.494 χ^2/NDF : 199.4/11

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

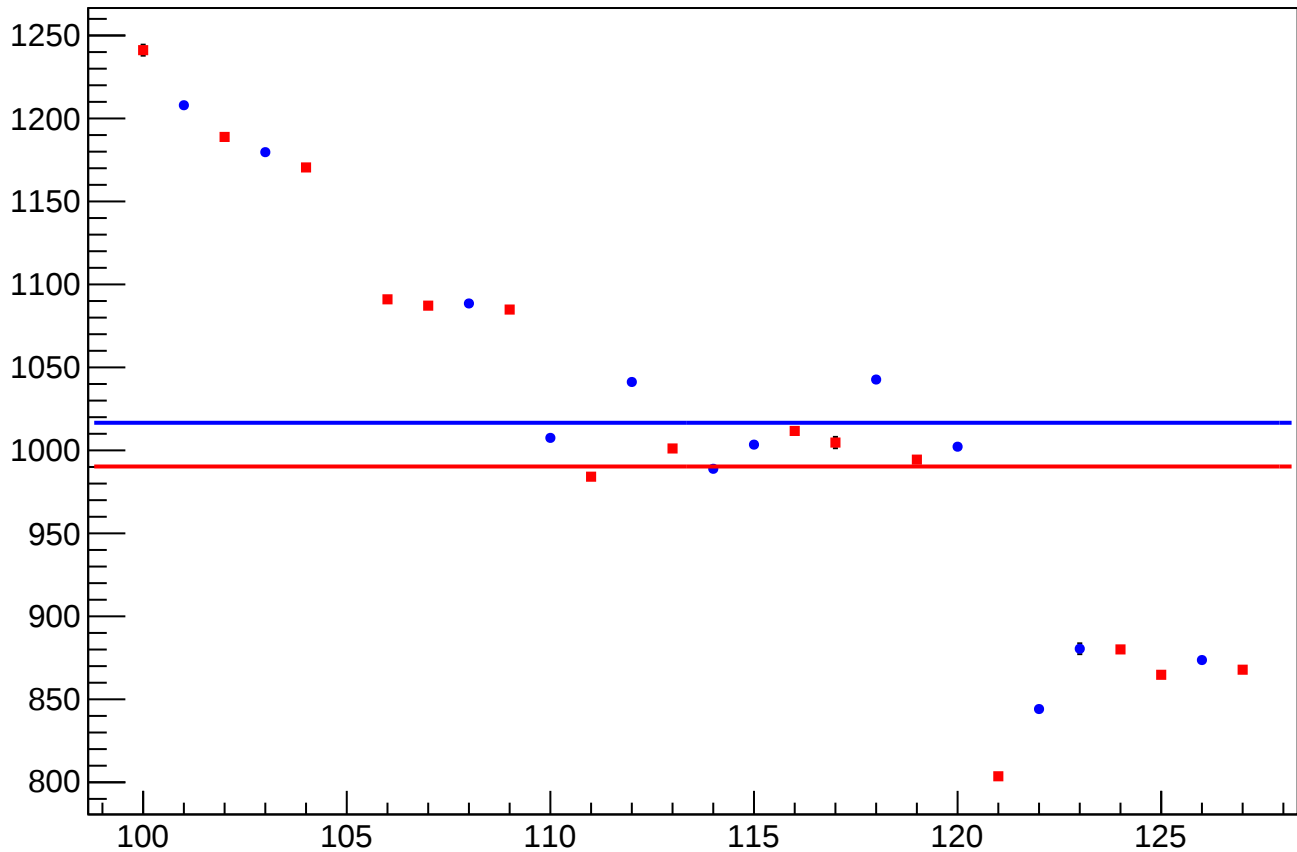
Right Out: 2.924+/-0.434 χ^2/NDF : 226.9/14

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

-3.585+/-0.494 χ^2/NDF : 199.4/11

2.924+/-0.434 χ^2/NDF : 226.9/14

diff_bpm0l10Y_rms vs Slug



Right In: 1016.634 $\pm$ 0.350 χ^2 /NDF: 112299.7/11

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

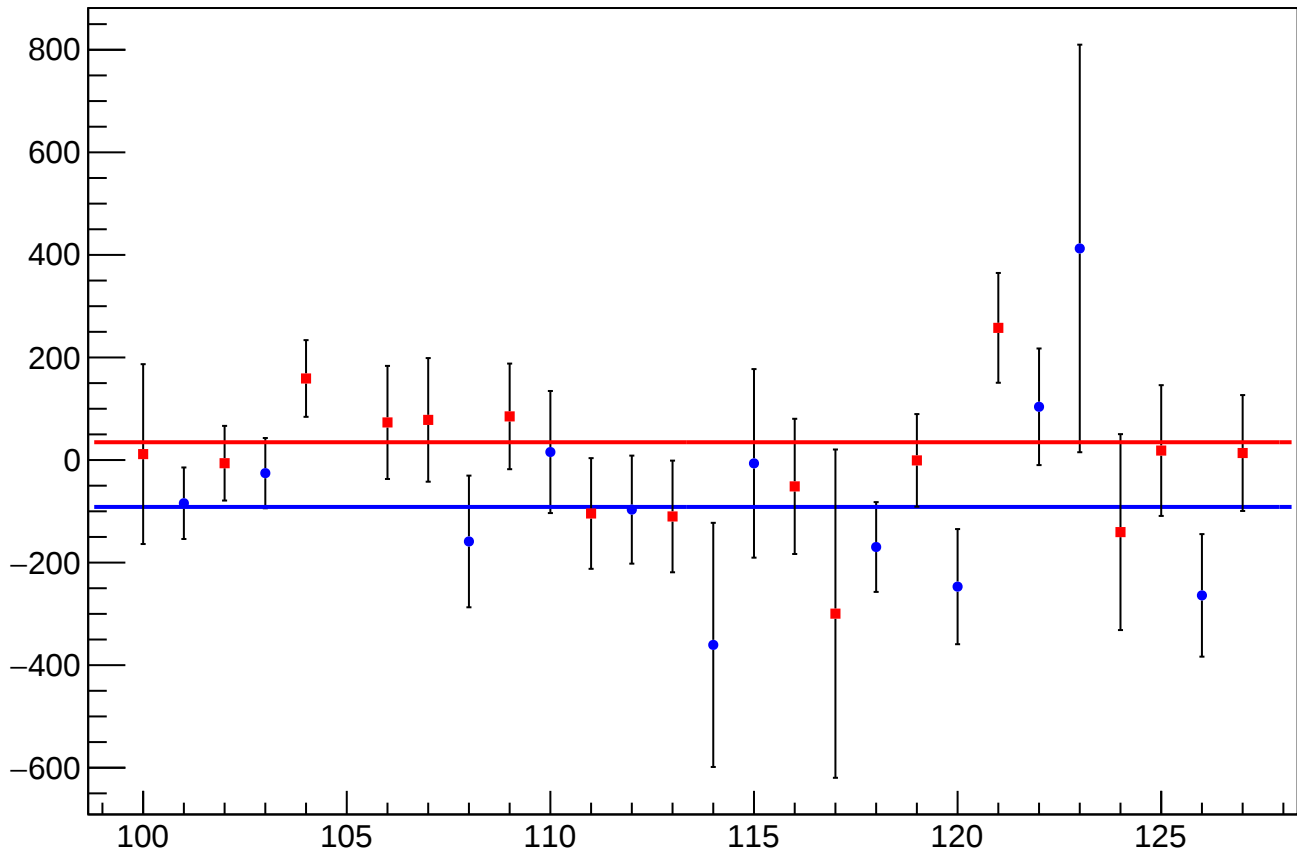
Right Out: 990.287 $\pm$ 0.307 χ^2 /NDF: 156650.0/14

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

1016.634 $\pm$ 0.350 χ^2 /NDF: 112299.7/11

990.287 $\pm$ 0.307 χ^2 /NDF: 156650.0/14

diff_bpm0r03X_mean vs Slug



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

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

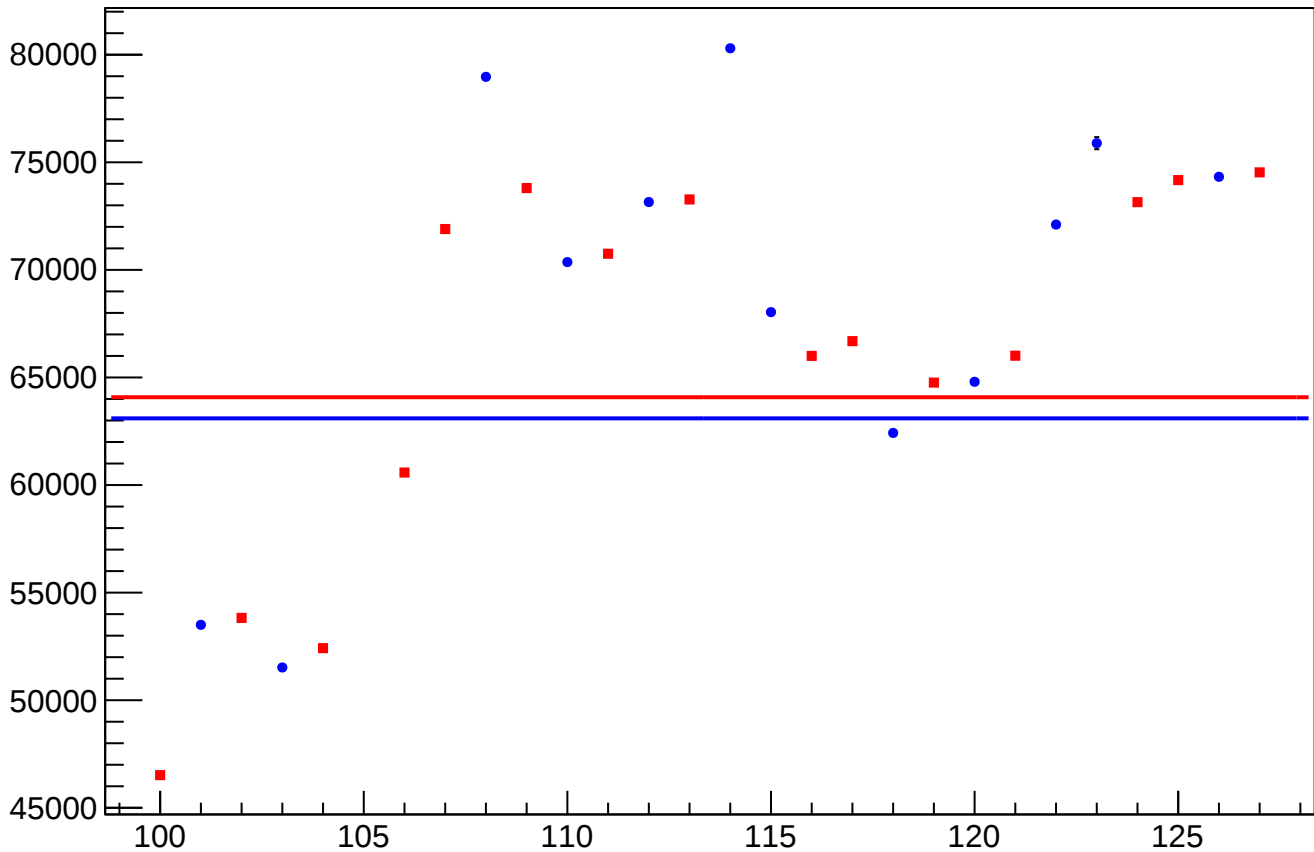
Right Out: 34.712+/-28.174 χ^2/NDF : 13.9/14

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

-91.460+/-30.847 χ^2/NDF : 12.9/11

34.712+/-28.174 χ^2/NDF : 13.9/14

diff_bpm0r03X_rms vs Slug



Right In: 63099.796 $\pm$ 21.812 χ^2 /NDF: 196002.6/11

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

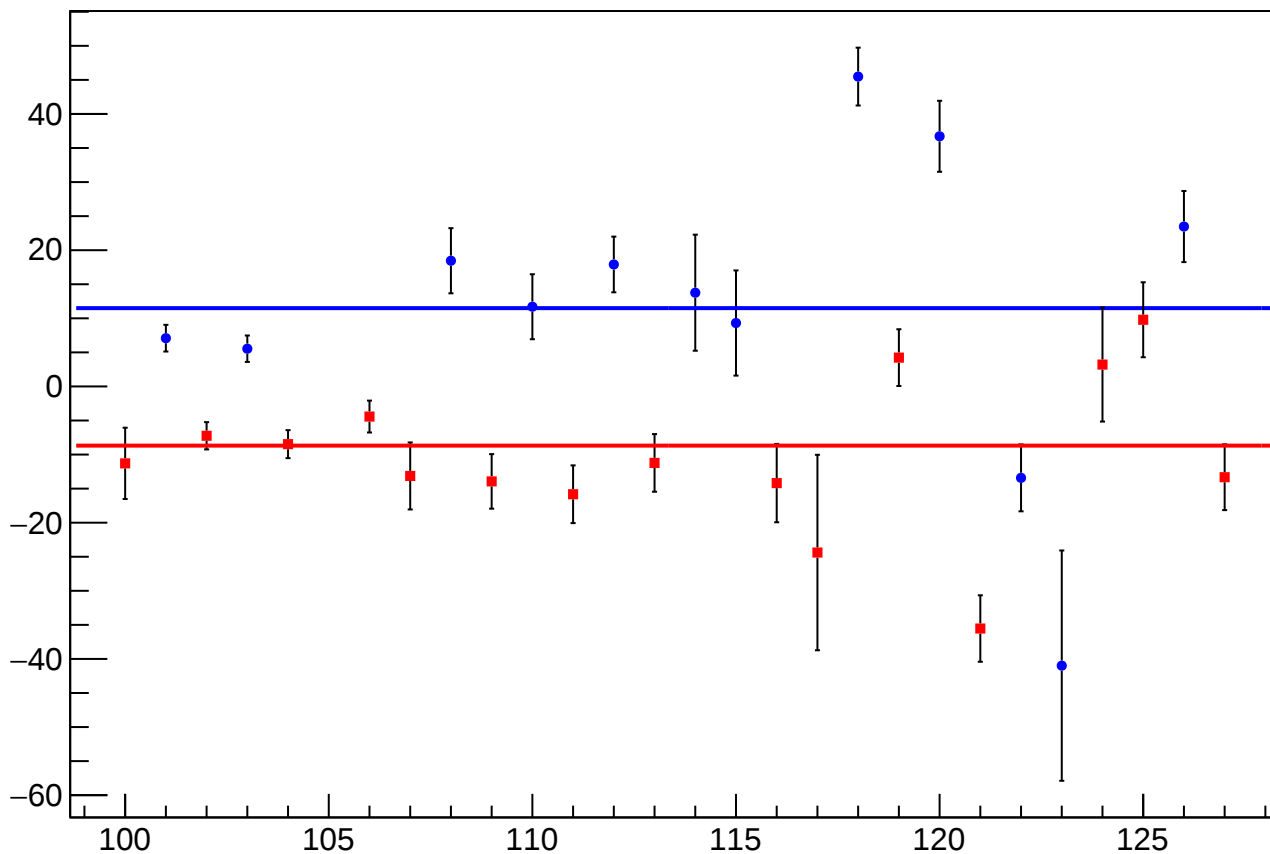
63099.796 $\pm$ 21.812 χ^2 /NDF: 196002.6/11

Right Out: 64080.580 $\pm$ 19.922 χ^2 /NDF: 193973.9/14

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

64080.580 $\pm$ 19.922 χ^2 /NDF: 193973.9/14

diff_bpm0r03Y_mean vs Slug



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

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

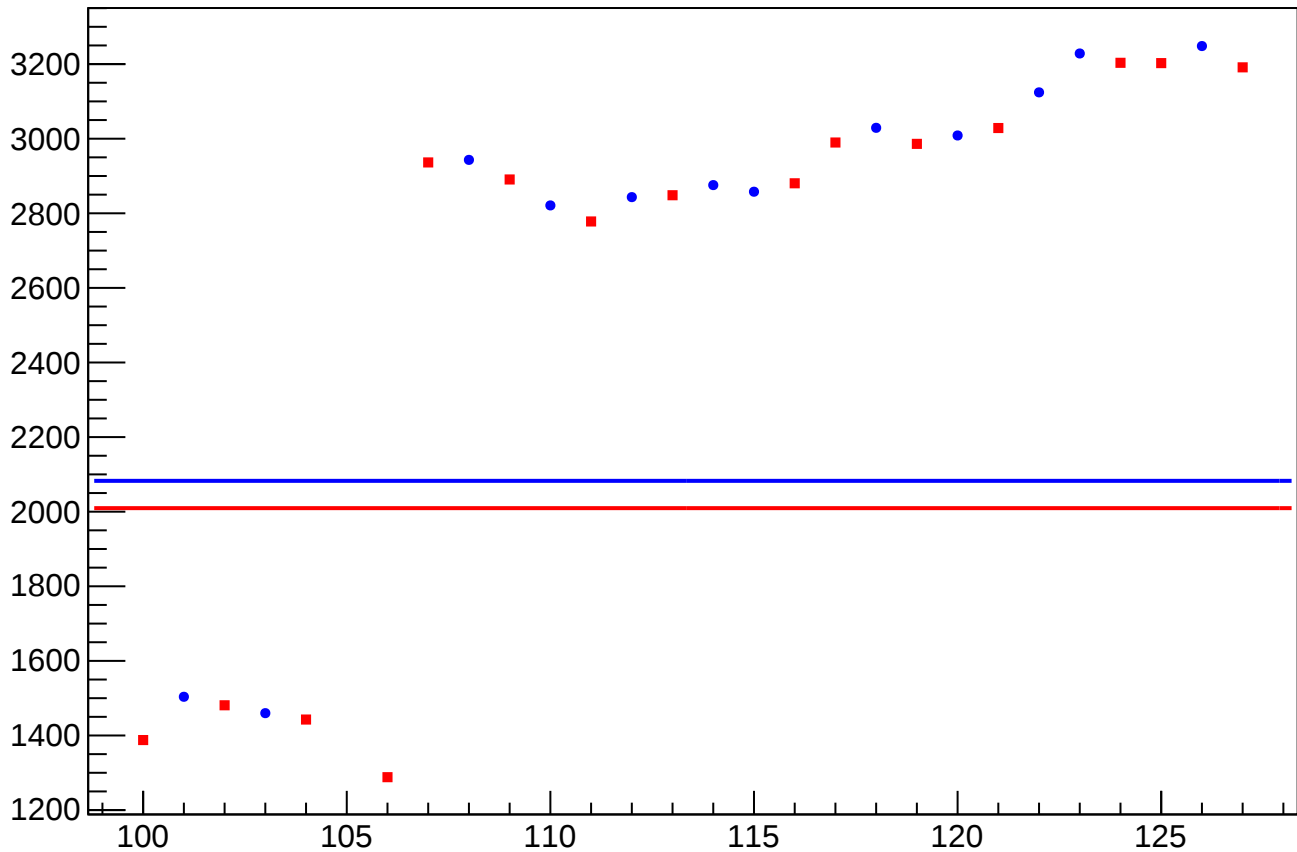
Right Out: -8.686+/-0.934 χ^2/NDF : 66.1/14

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

11.495+/-1.067 χ^2/NDF : 147.4/11

-8.686+/-0.934 χ^2/NDF : 66.1/14

diff_bpm0r03Y_rms vs Slug



Right In: 2082.700+/-0.755 χ^2/NDF : 961467.2/11

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

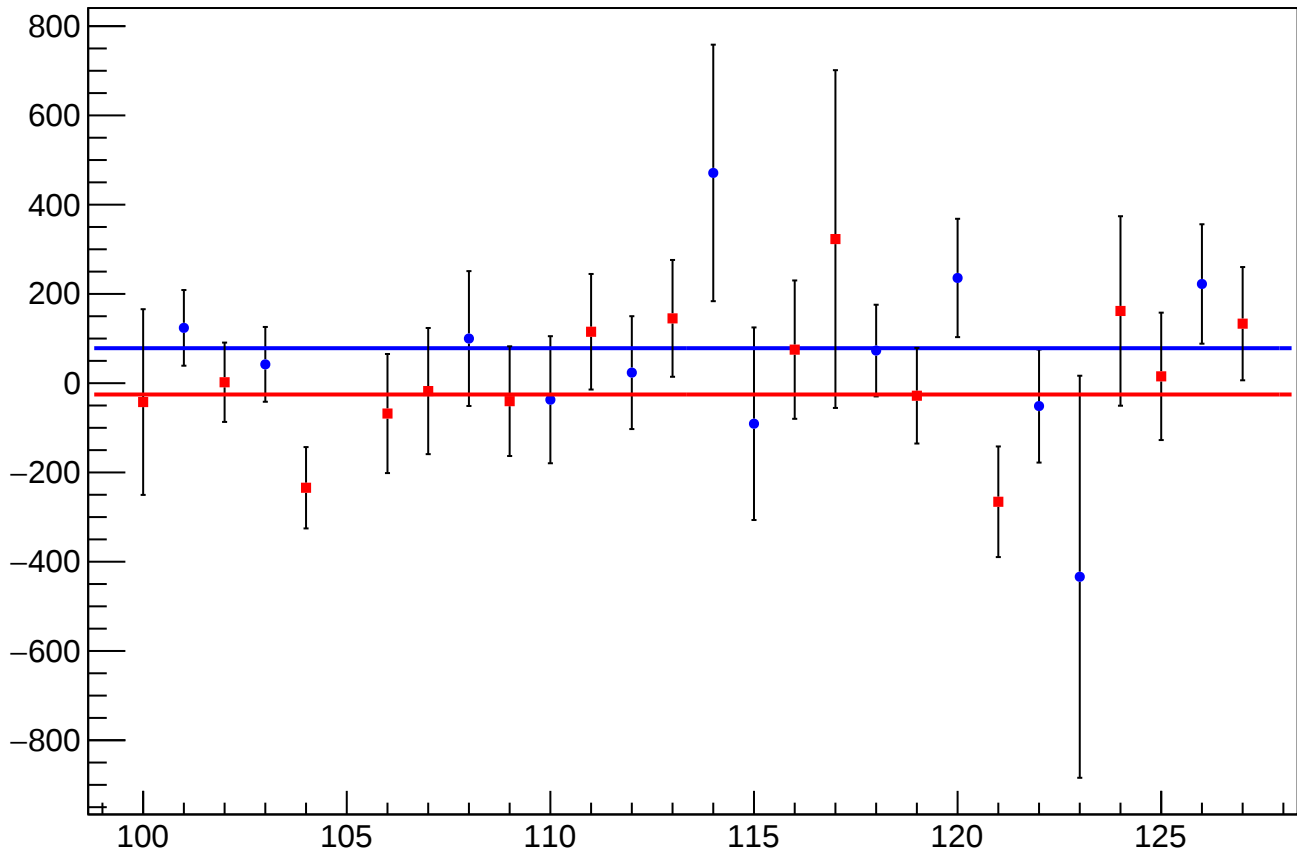
2082.700+/-0.755 χ^2/NDF : 961467.2/11

Right Out: 2009.504+/-0.661 χ^2/NDF : 1328914.1/14

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

2009.504+/-0.661 χ^2/NDF : 1328914.1/14

diff_bpm0r05X_mean vs Slug



Right In: 78.415+/-36.622 χ^2/NDF : 8.7/11

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

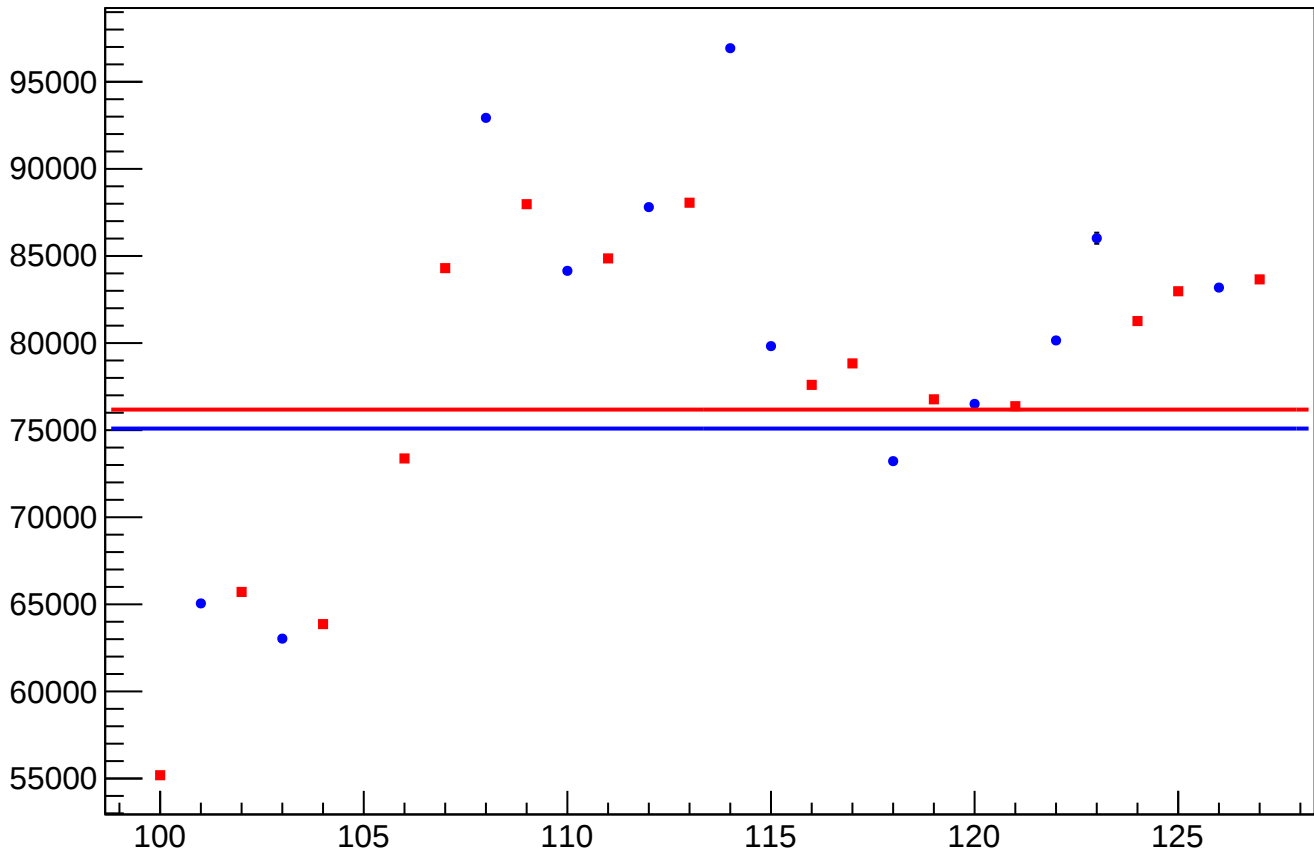
Right Out: -25.334+/-33.430 χ^2/NDF : 15.8/14

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

78.415+/-36.622 χ^2/NDF : 8.7/11

-25.334+/-33.430 χ^2/NDF : 15.8/14

diff_bpm0r05X_rms vs Slug



Right In: 75091.639 $\pm$ 25.895 χ^2 /NDF: 150748.3/11

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

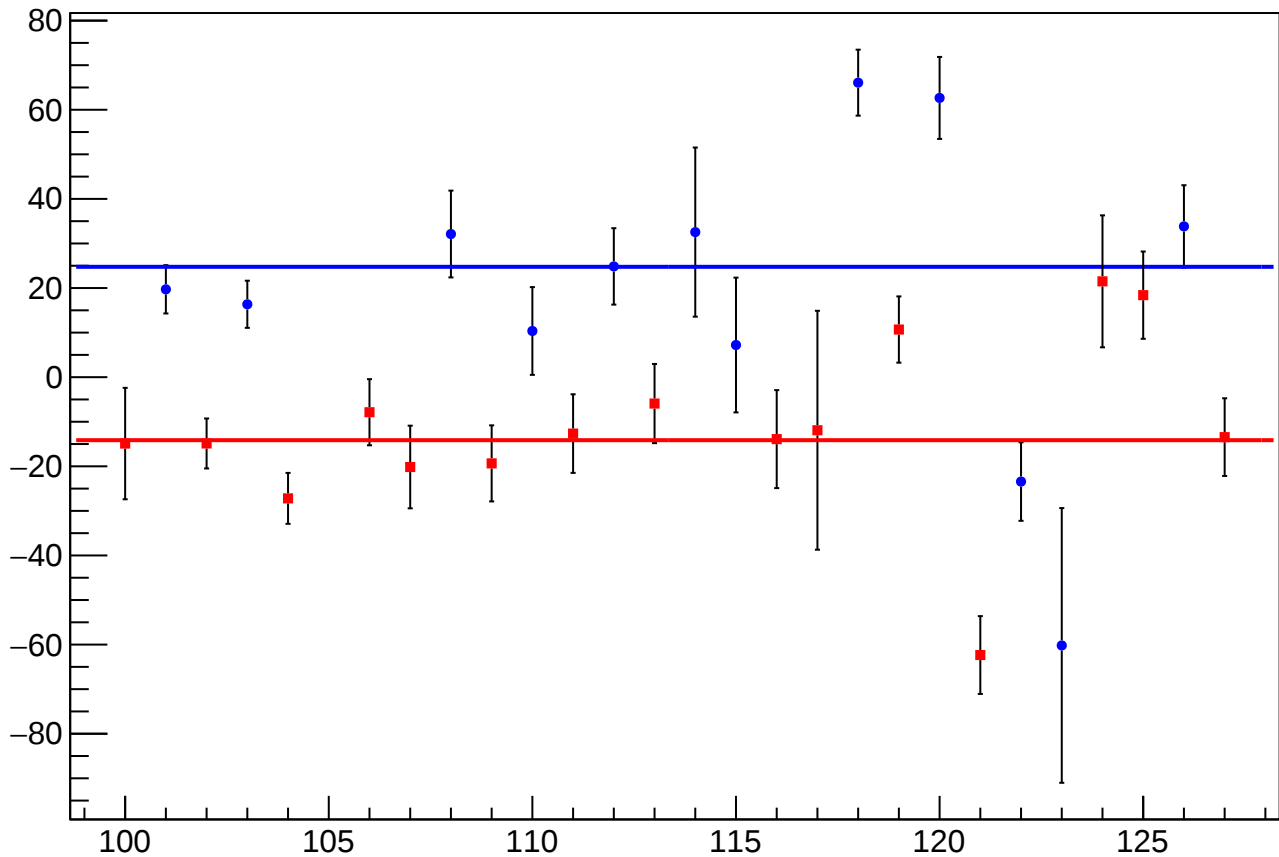
75091.639 $\pm$ 25.895 χ^2 /NDF: 150748.3/11

Right Out: 76180.942 $\pm$ 23.639 χ^2 /NDF: 148948.3/14

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

76180.942 $\pm$ 23.639 χ^2 /NDF: 148948.3/14

diff_bpm0r05Y_mean vs Slug



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

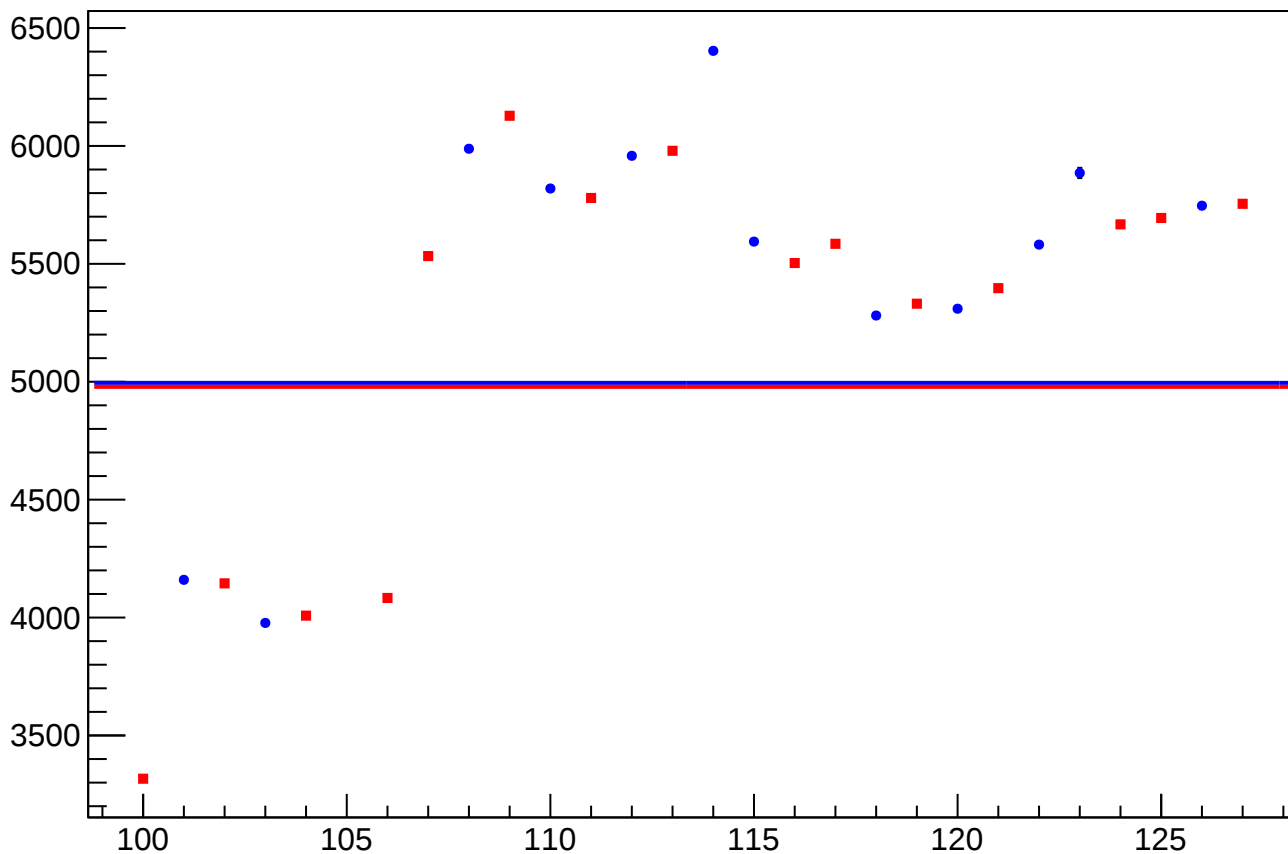
Right Out: -14.137 $\pm$ 2.198 χ^2 /NDF: 66.1/14

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

24.762 $\pm$ 2.446 χ^2 /NDF: 94.3/11

-14.137 $\pm$ 2.198 χ^2 /NDF: 66.1/14

diff_bpm0r05Y_rms vs Slug



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

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

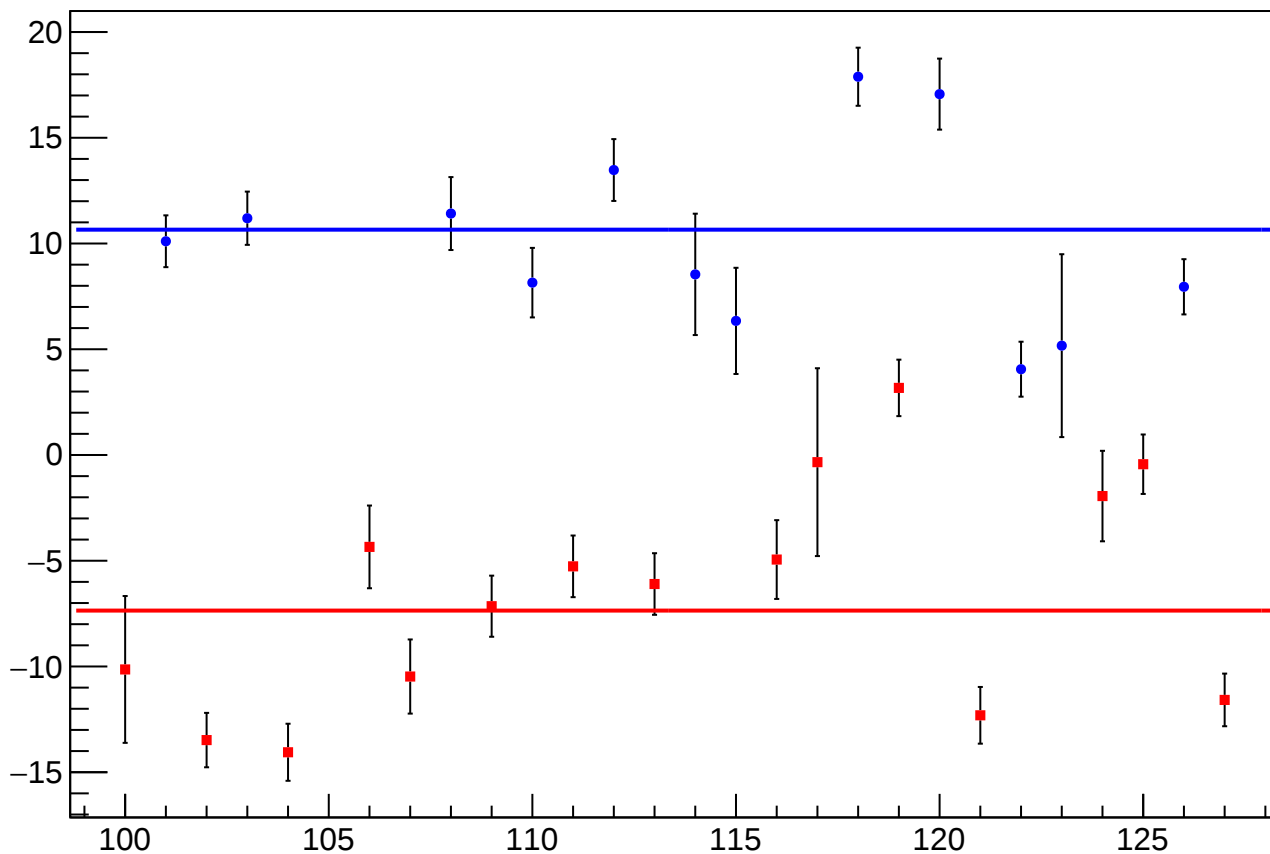
Right Out: 4978.340+/-1.554 χ^2/NDF : 297280.8/14

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

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

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

diff_bpm2i01X_mean vs Slug



Right In: 10.654+/-0.453 χ^2/NDF : 84.1/11

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

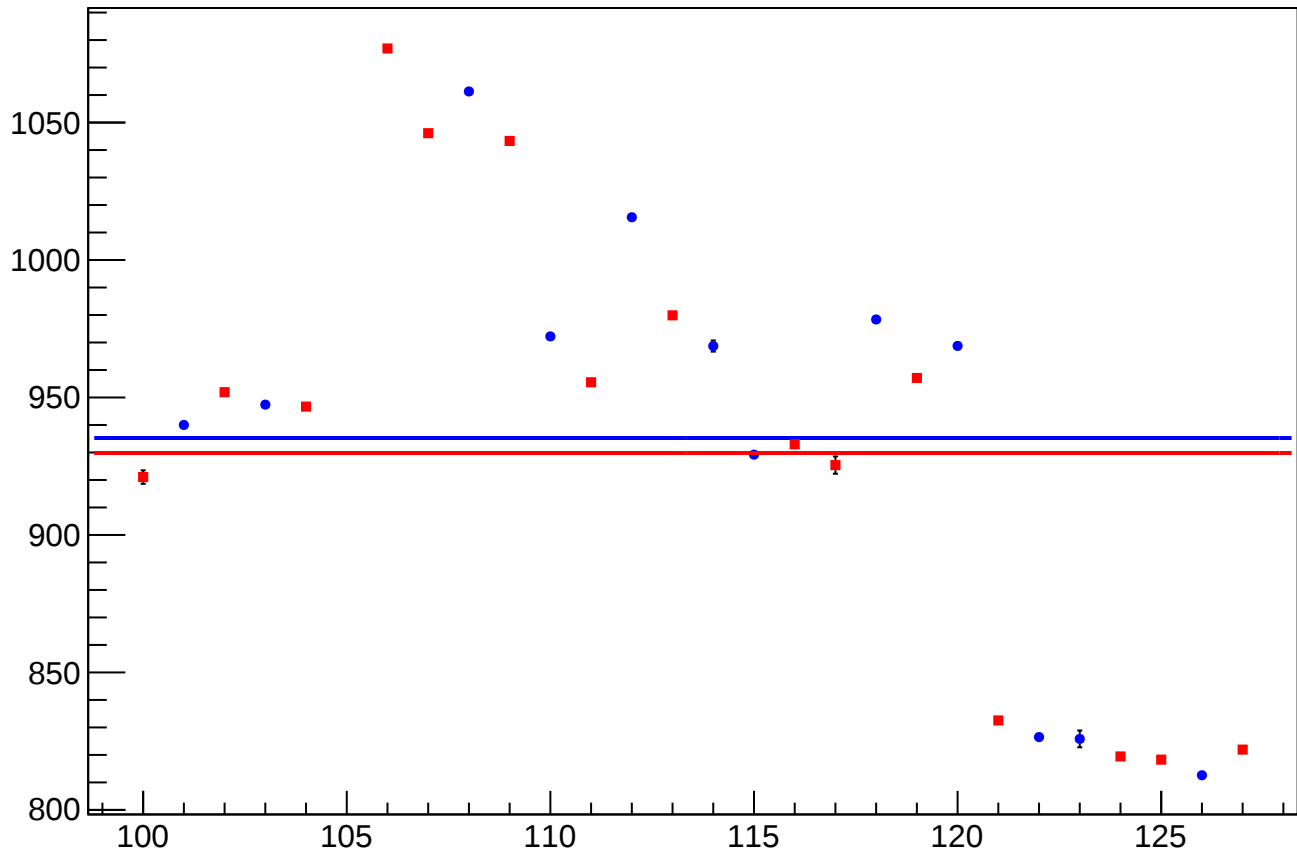
Right Out: -7.357+/-0.406 χ^2/NDF : 178.5/14

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

10.654+/-0.453 χ^2/NDF : 84.1/11

-7.357+/-0.406 χ^2/NDF : 178.5/14

diff_bpm2i01X_rms vs Slug



Right In: 935.267 $\pm$ 0.320 χ^2 /NDF: 53951.4/11

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

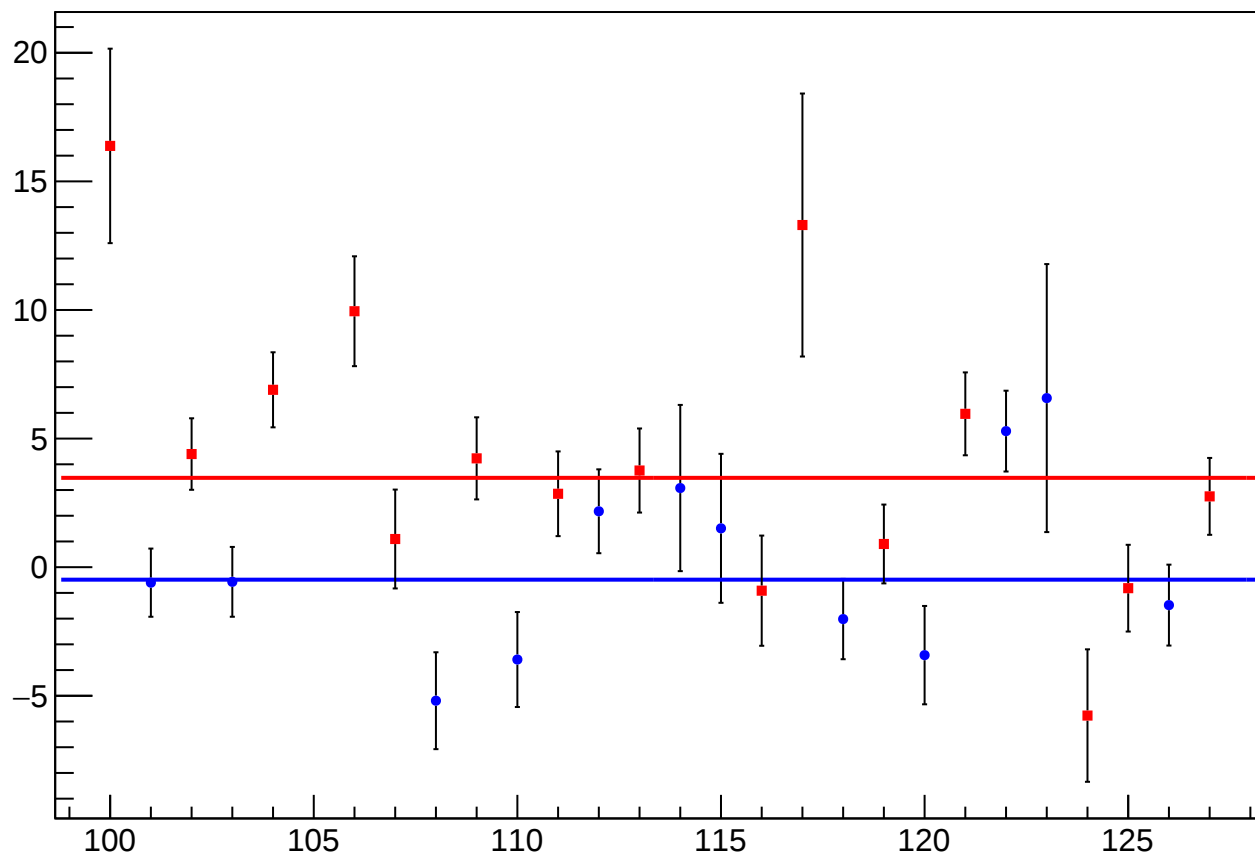
Right Out: 929.808 $\pm$ 0.287 χ^2 /NDF: 80682.6/14

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

935.267 $\pm$ 0.320 χ^2 /NDF: 53951.4/11

929.808 $\pm$ 0.287 χ^2 /NDF: 80682.6/14

diff_bpm2i01Y_mean vs Slug



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

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

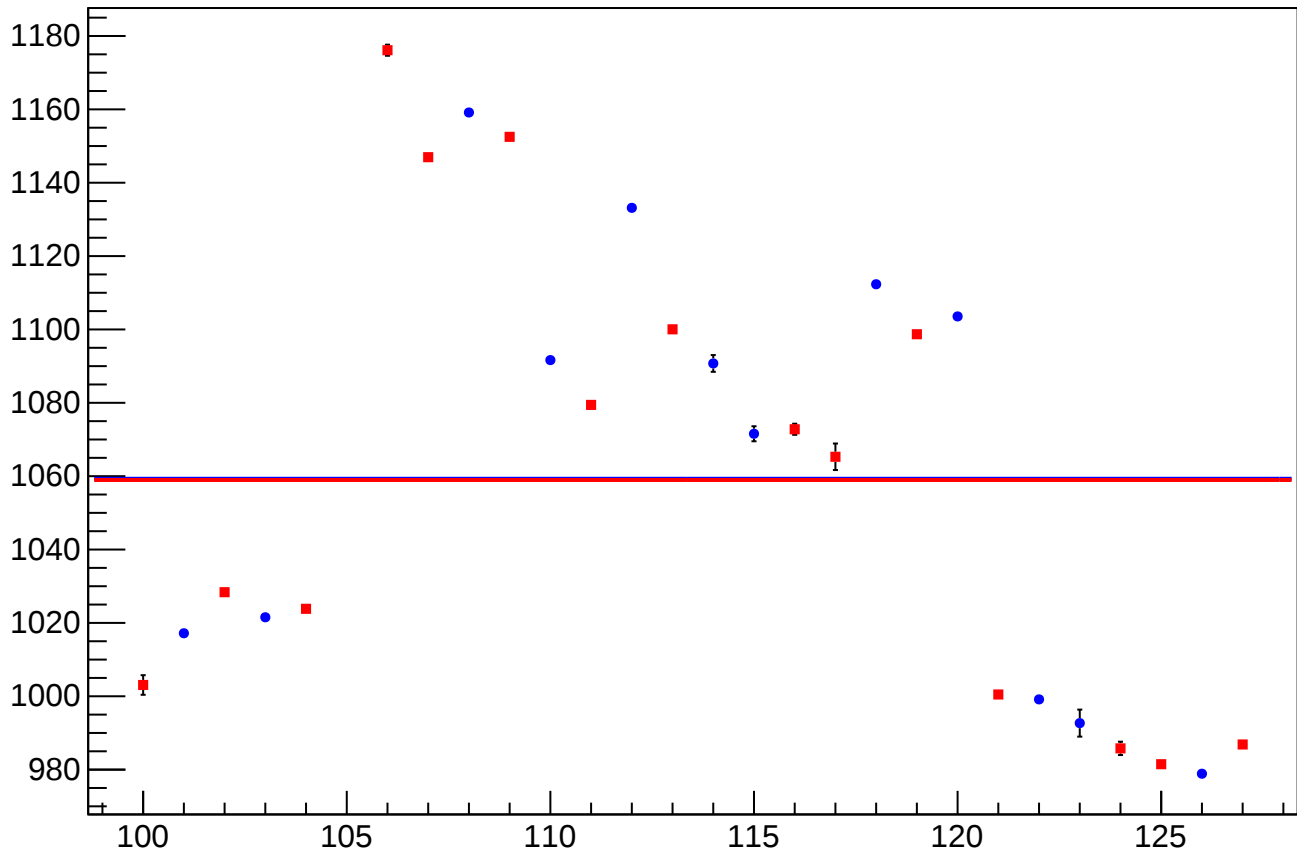
Right Out: 3.473+/-0.461 χ^2/NDF : 61.4/14

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

-0.486+/-0.512 χ^2/NDF : 32.5/11

3.473+/-0.461 χ^2/NDF : 61.4/14

diff_bpm2i01Y_rms vs Slug



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

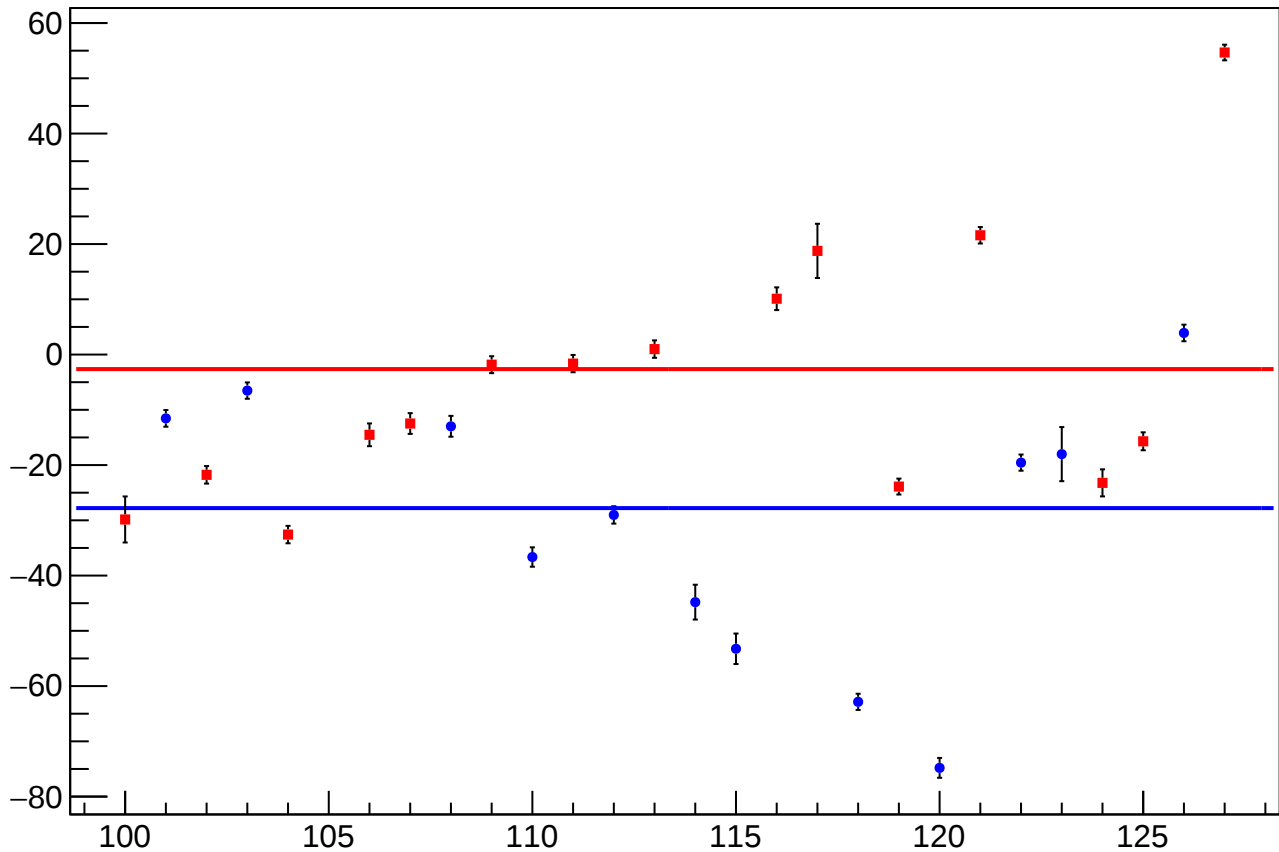
Right Out: 1058.967 $\pm$ 0.326 χ^2 /NDF: 35771.8/14

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

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

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

diff_bpm2i02X_mean vs Slug



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

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

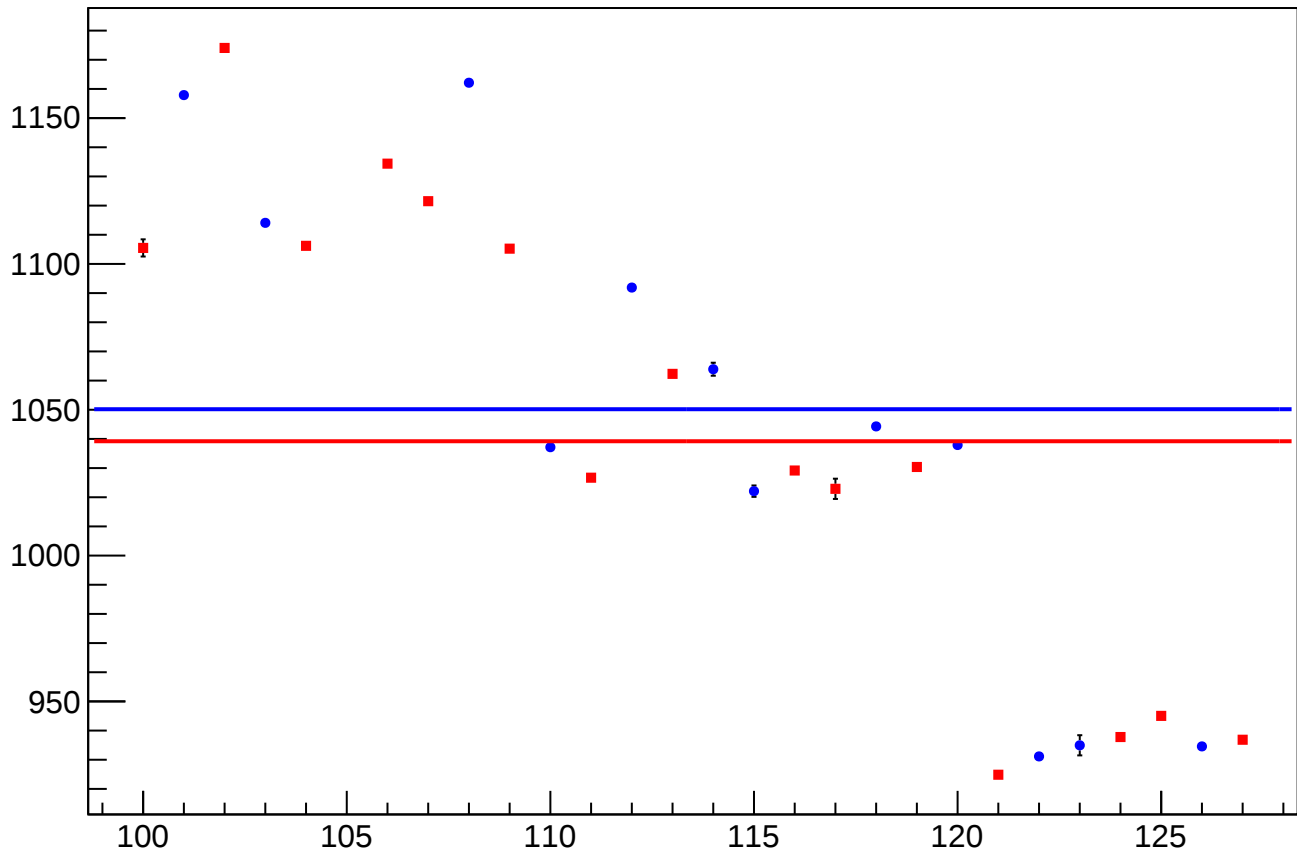
Right Out: -2.627+/-0.453 χ^2/NDF : 2923.9/14

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

-27.788+/-0.509 χ^2/NDF : 2260.7/11

-2.627+/-0.453 χ^2/NDF : 2923.9/14

diff_bpm2i02X_rms vs Slug



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

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

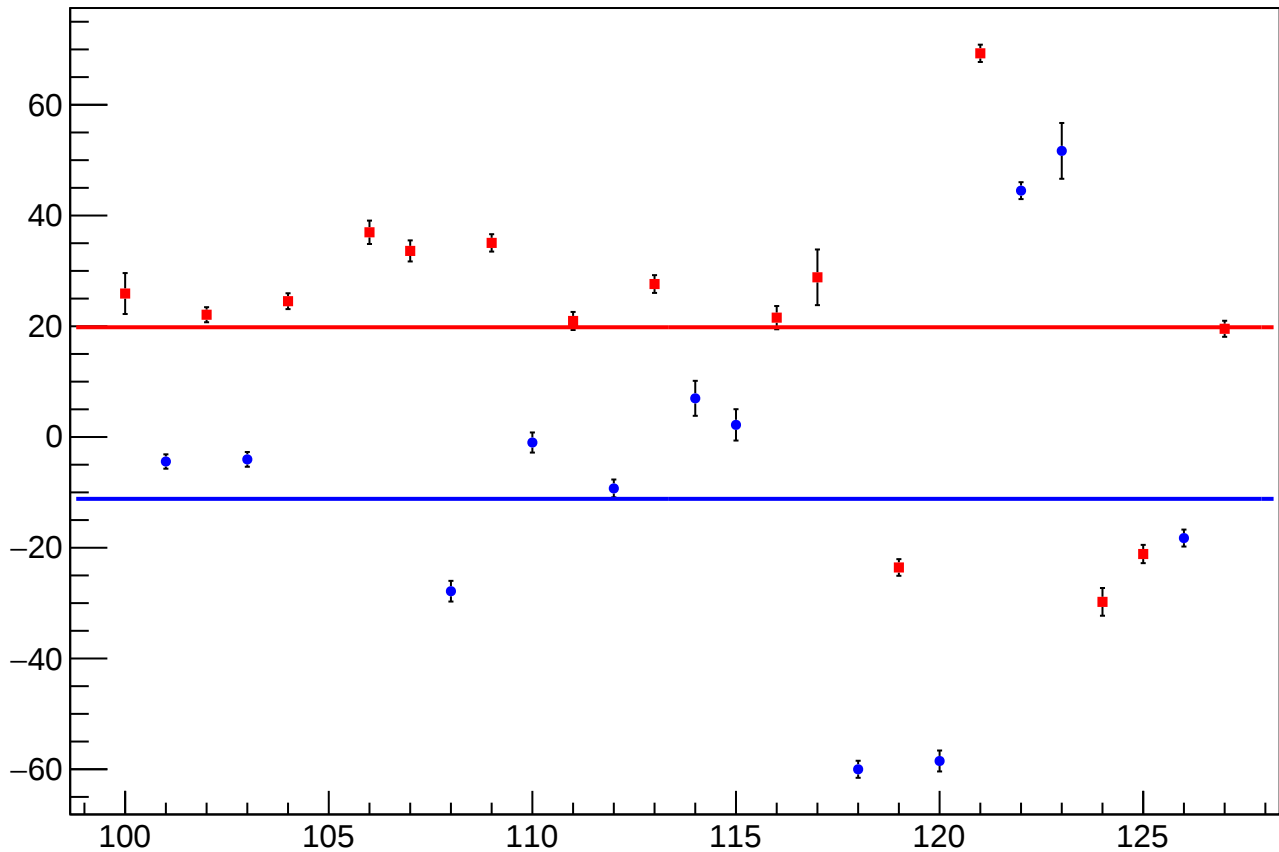
Right Out: 1039.204+/-0.320 χ^2/NDF : 63448.0/14

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

1050.184+/-0.360 χ^2/NDF : 49032.7/11

1039.204+/-0.320 χ^2/NDF : 63448.0/14

diff_bpm2i02Y_mean vs Slug



Right In: -11.168 $\pm$ 0.503 χ^2 /NDF: 3365.9/11

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

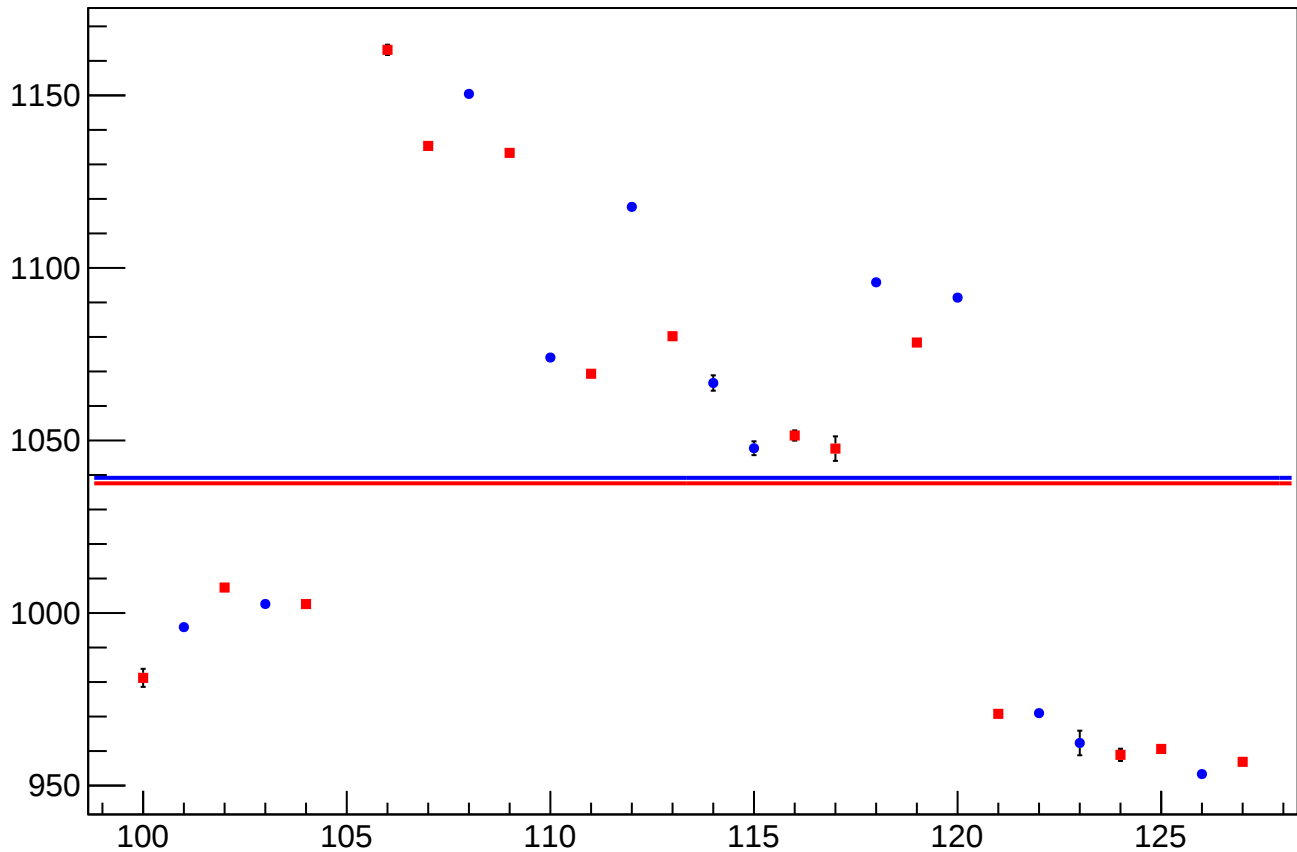
Right Out: 19.823 $\pm$ 0.452 χ^2 /NDF: 3098.8/14

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

-11.168 $\pm$ 0.503 χ^2 /NDF: 3365.9/11

19.823 $\pm$ 0.452 χ^2 /NDF: 3098.8/14

diff_bpm2i02Y_rms vs Slug



Right In: 1039.176 $\pm$ 0.356 χ^2 /NDF: 31466.5/11

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

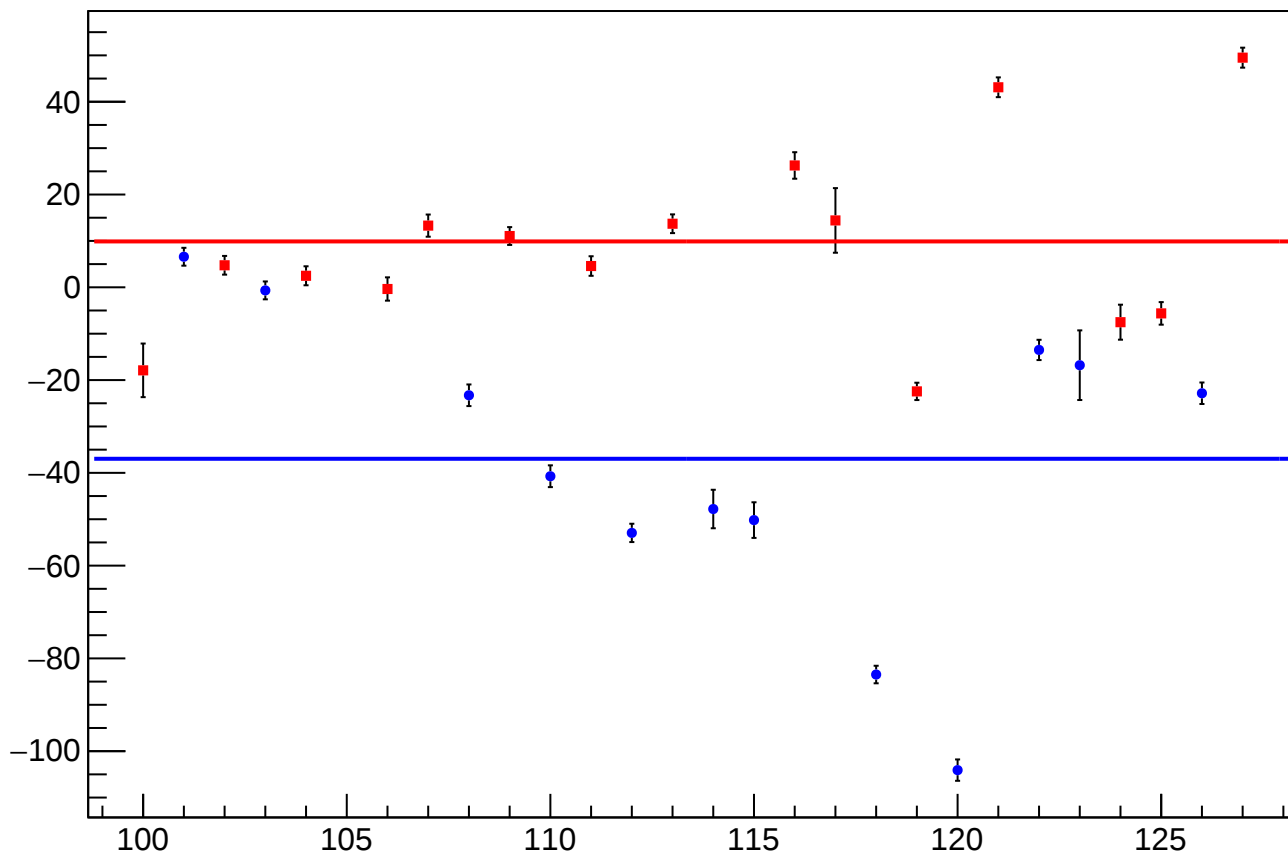
Right Out: 1037.579 $\pm$ 0.320 χ^2 /NDF: 42368.7/14

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

1039.176 $\pm$ 0.356 χ^2 /NDF: 31466.5/11

1037.579 $\pm$ 0.320 χ^2 /NDF: 42368.7/14

diff_bpm0i02X_mean vs Slug



Right In: -36.966+/-0.679 χ^2/NDF : 2603.1/11

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

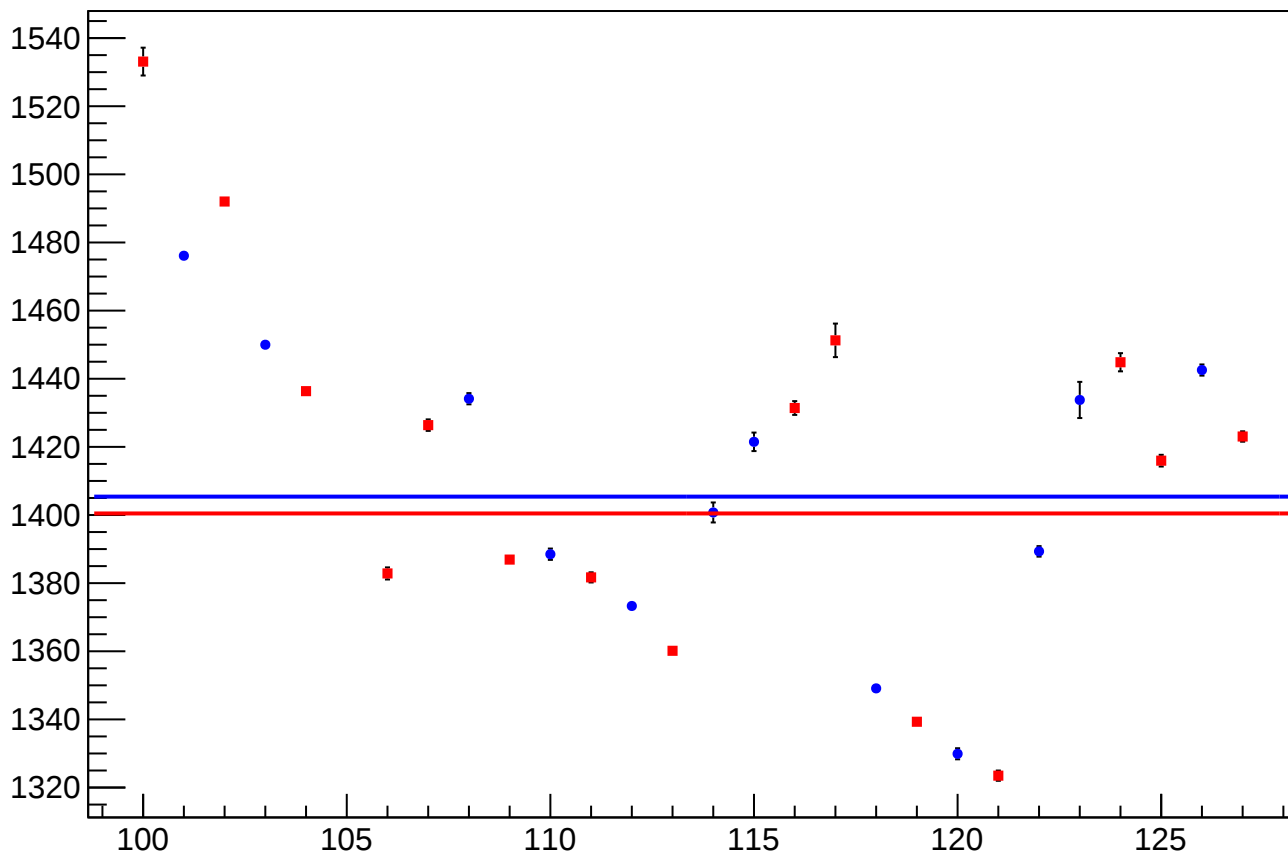
Right Out: 9.889+/-0.609 χ^2/NDF : 1047.9/14

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

-36.966+/-0.679 χ^2/NDF : 2603.1/11

9.889+/-0.609 χ^2/NDF : 1047.9/14

diff_bpm0i02X_rms vs Slug



Right In: 1405.399+/-0.480 χ^2/NDF : 9320.6/11

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

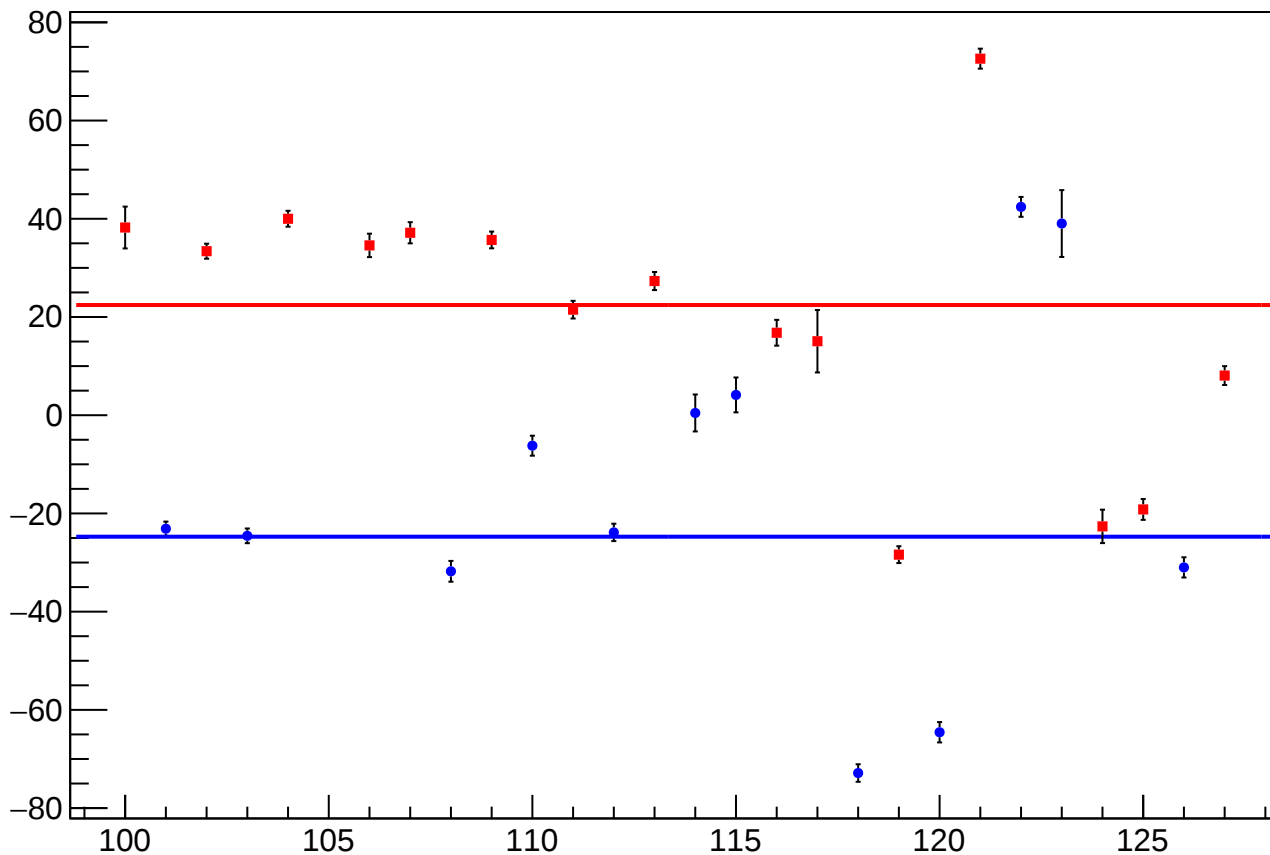
Right Out: 1400.457+/-0.431 χ^2/NDF : 12851.9/14

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

1405.399+/-0.480 χ^2/NDF : 9320.6/11

1400.457+/-0.431 χ^2/NDF : 12851.9/14

diff_bpm0i02Y_mean vs Slug



Right In: -24.736 ± 0.587 χ^2/NDF : 2498.2/11

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

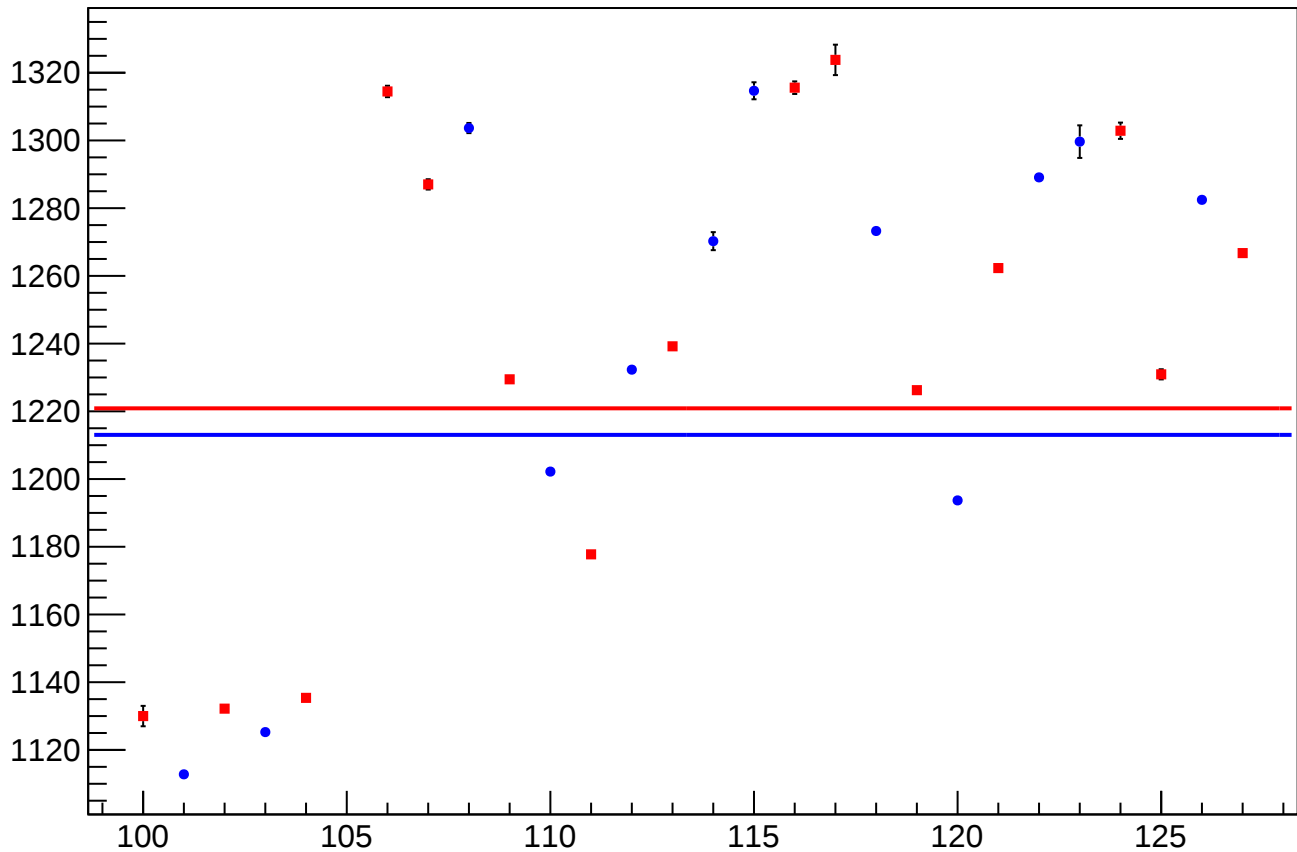
Right Out: 22.436 ± 0.532 χ^2/NDF : 2434.9/14

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

-24.736 ± 0.587 χ^2/NDF : 2498.2/11

22.436 ± 0.532 χ^2/NDF : 2434.9/14

diff_bpm0i02Y_rms vs Slug



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

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

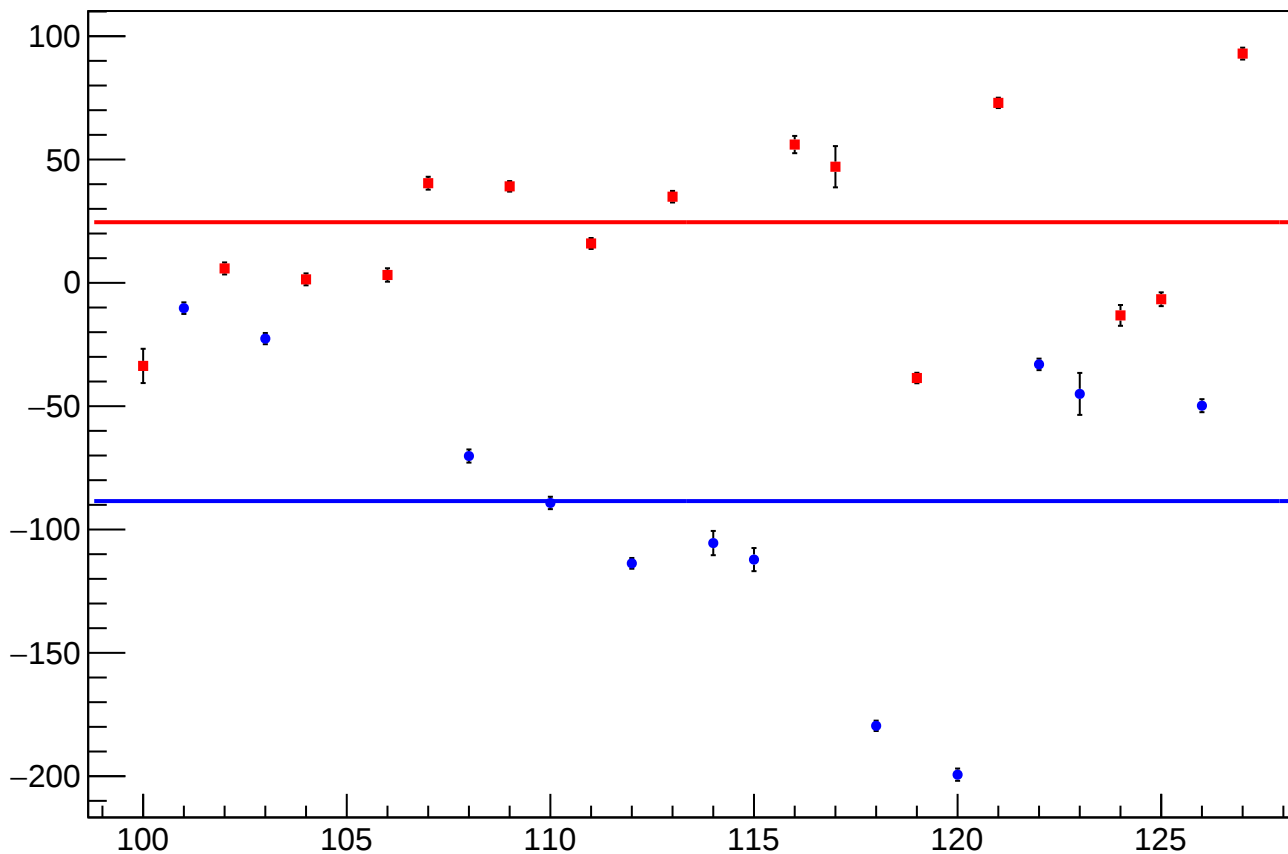
Right Out: 1220.884+/-0.376 χ^2/NDF : 25892.9/14

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

1213.044+/-0.415 χ^2/NDF : 30364.8/11

1220.884+/-0.376 χ^2/NDF : 25892.9/14

diff_bpm0i02aX_mean vs Slug



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

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

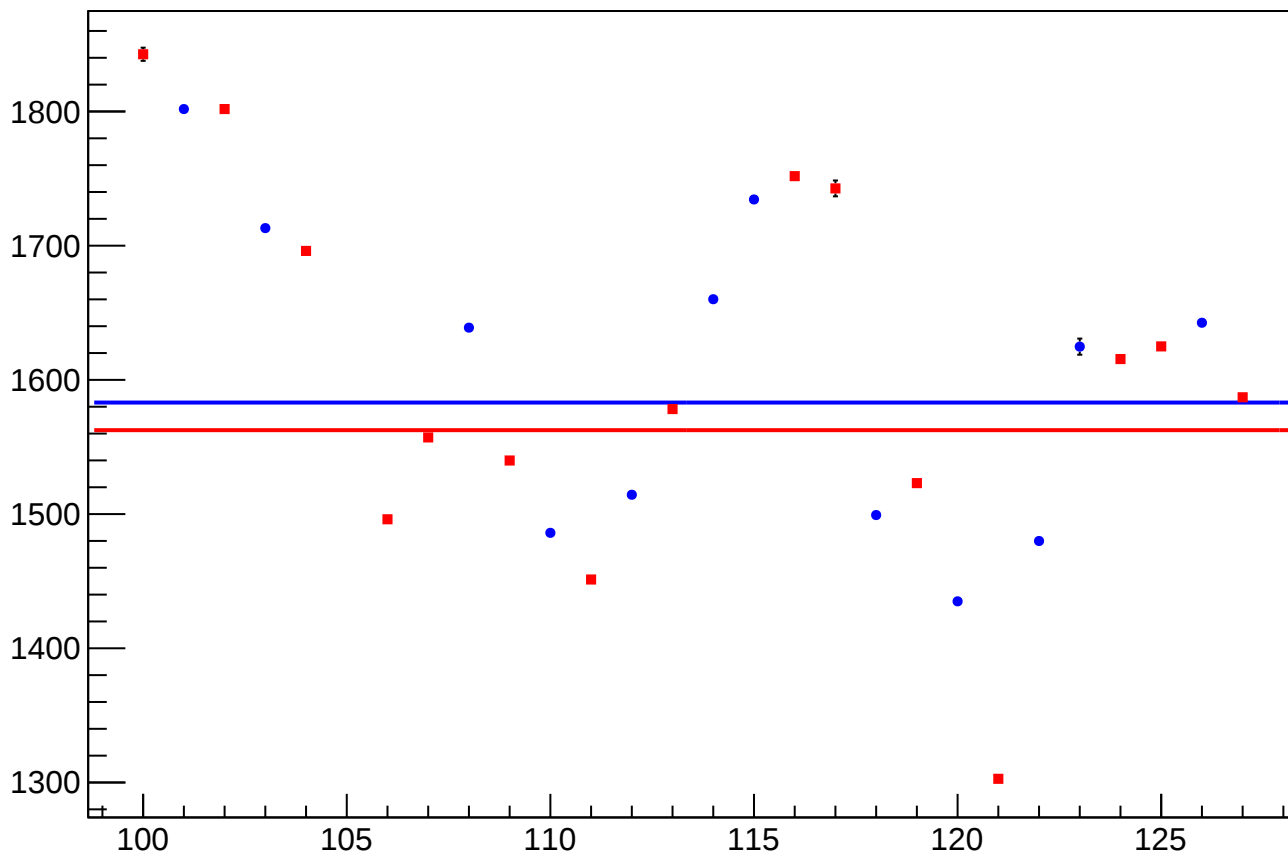
Right Out: 24.587+/-0.682 χ^2/NDF : 2919.1/14

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

-88.471+/-0.767 χ^2/NDF : 6843.3/11

24.587+/-0.682 χ^2/NDF : 2919.1/14

diff_bpm0i02aX_rms vs Slug



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

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

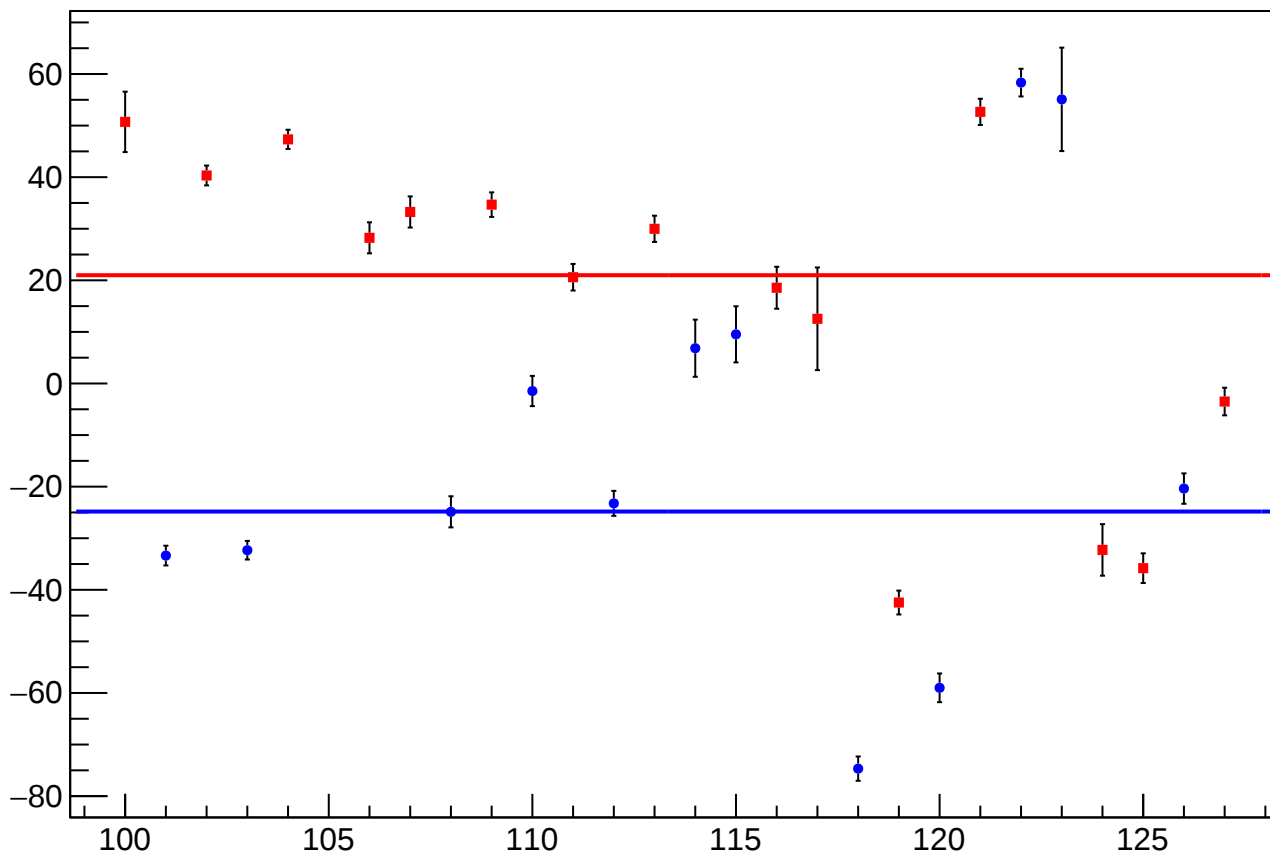
Right Out: 1562.531+/-0.482 χ^2/NDF : 74846.2/14

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

1583.110+/-0.542 χ^2/NDF : 47557.2/11

1562.531+/-0.482 χ^2/NDF : 74846.2/14

diff_bpm0i02aY_mean vs Slug



Right In: -24.827 ± 0.786 χ^2/NDF : 1798.3/11

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

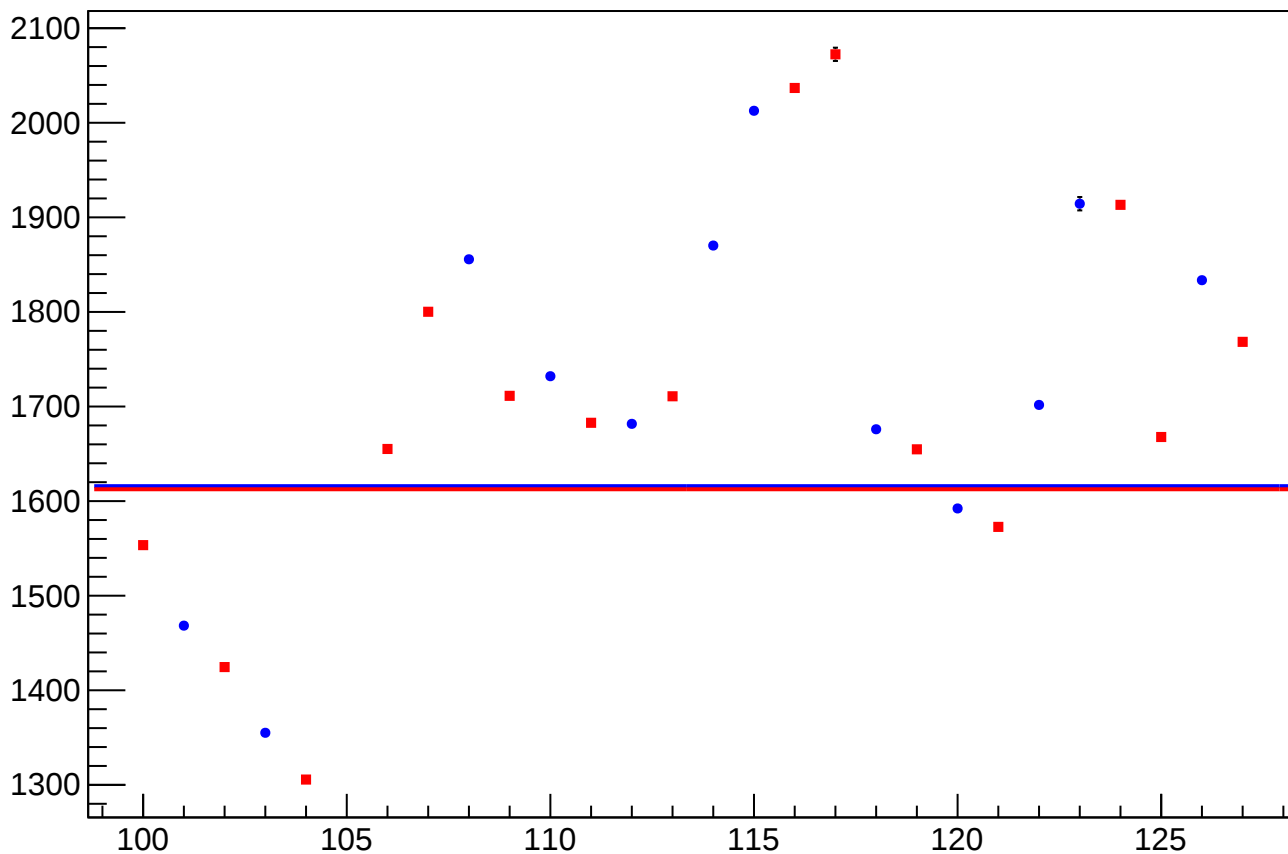
Right Out: 20.994 ± 0.707 χ^2/NDF : 1889.6/14

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

-24.827 ± 0.786 χ^2/NDF : 1798.3/11

20.994 ± 0.707 χ^2/NDF : 1889.6/14

diff_bpm0i02aY_rms vs Slug



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

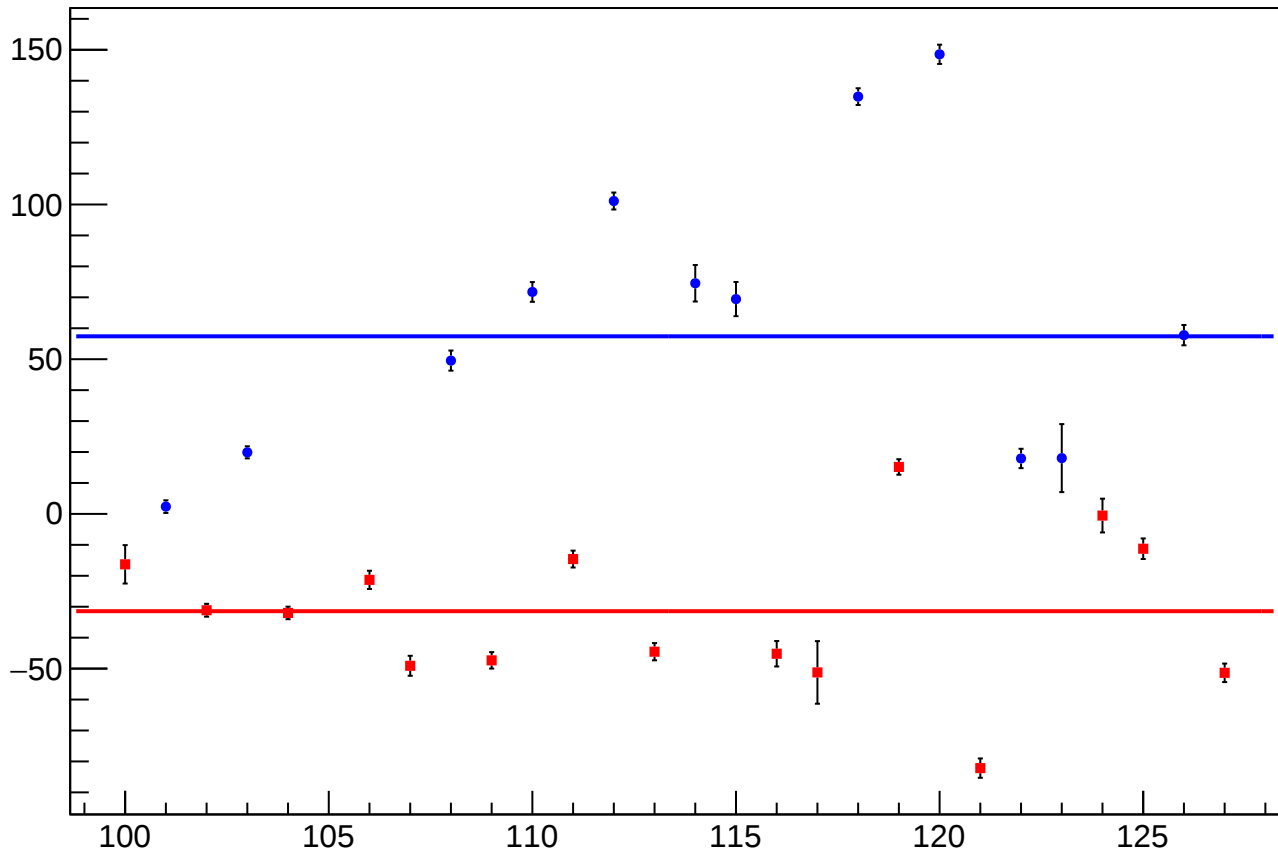
Right Out: 1612.527 $\pm$ 0.500 χ^2 /NDF: 131637.5/14

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

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

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

diff_bpm0i05X_mean vs Slug



Right In: 57.397+/-0.866 χ^2 /NDF: 3241.7/11

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

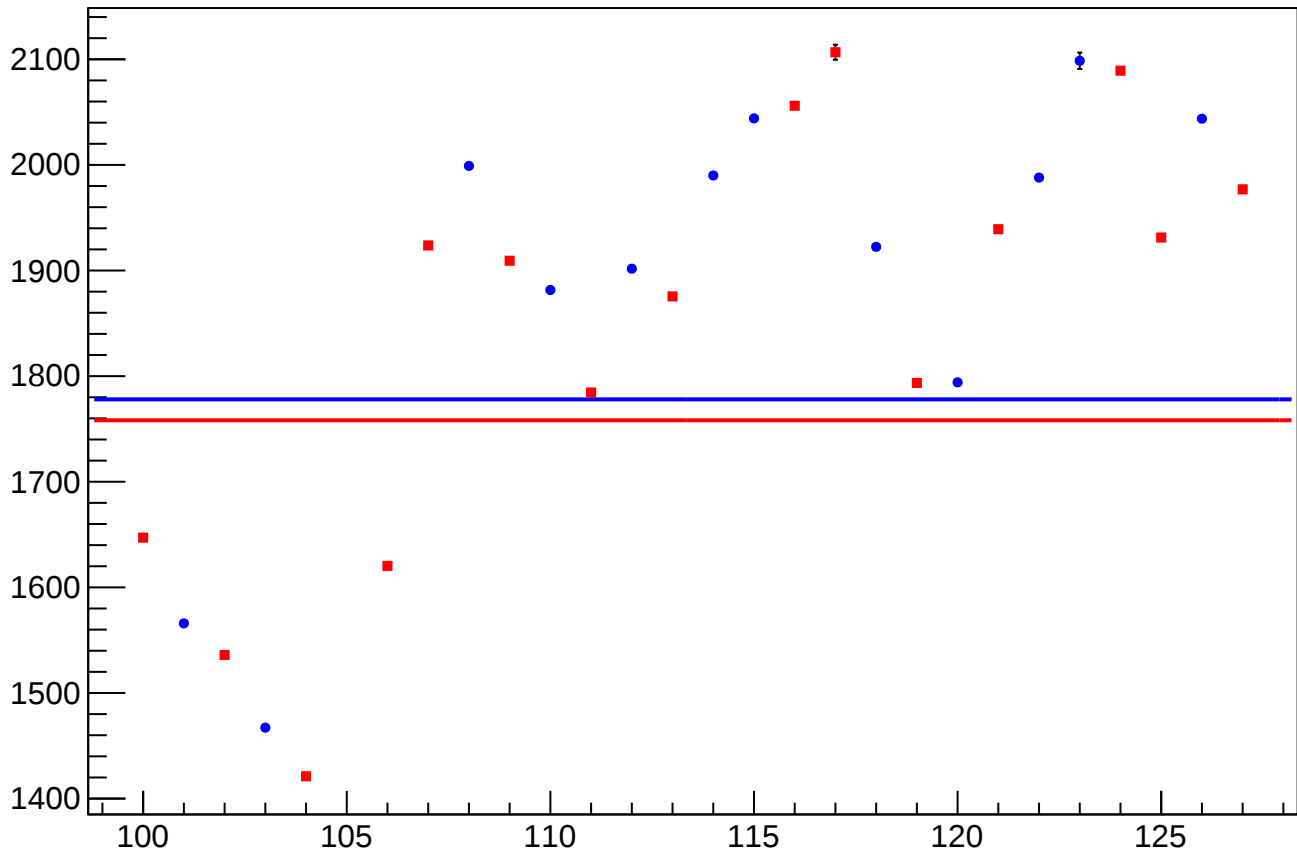
Right Out: -31.441+/-0.770 χ^2 /NDF: 881.6/14

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

57.397+/-0.866 χ^2 /NDF: 3241.7/11

-31.441+/-0.770 χ^2 /NDF: 881.6/14

diff_bpm0i05X_rms vs Slug



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

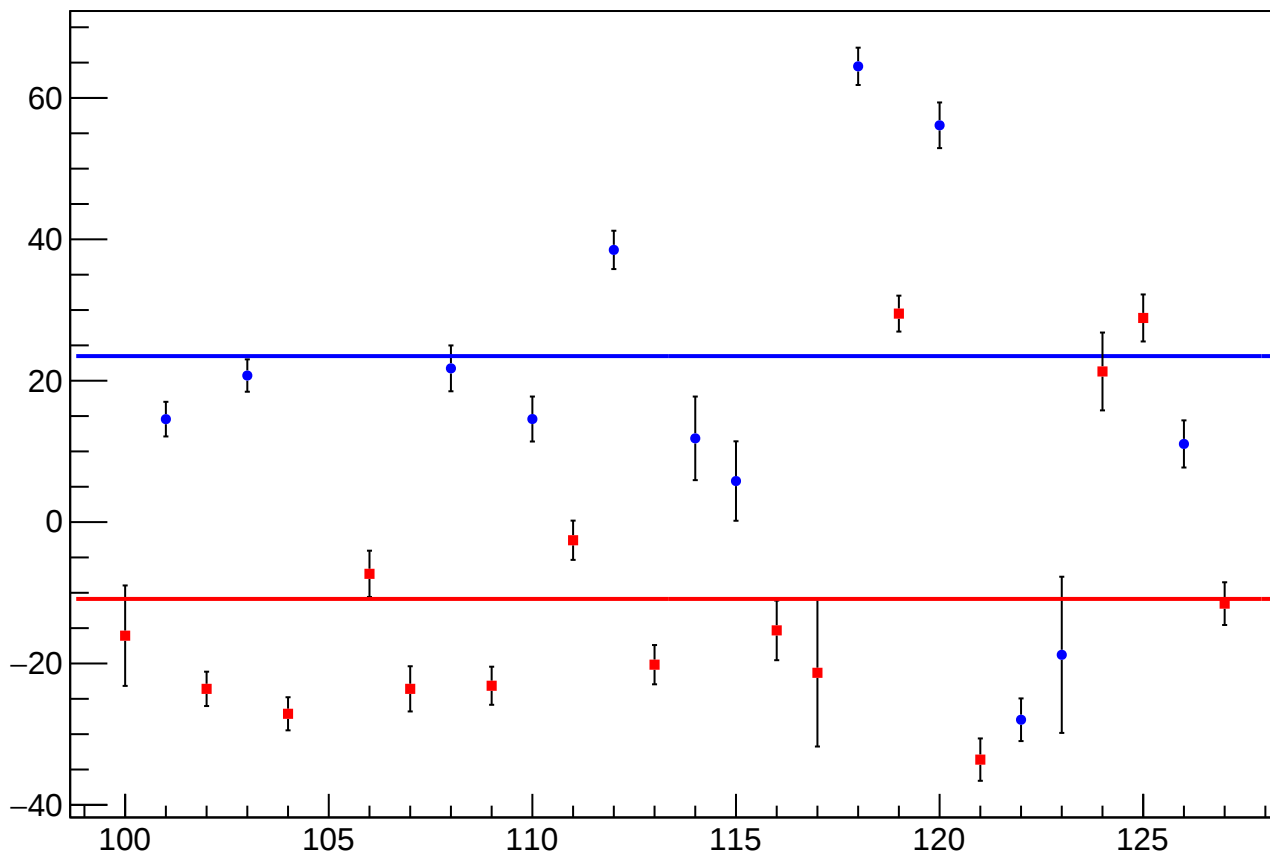
Right Out: 1758.189 $\pm$ 0.545 χ^2 /NDF: 142200.2/14

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

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

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

diff_bpm0i05Y_mean vs Slug



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

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

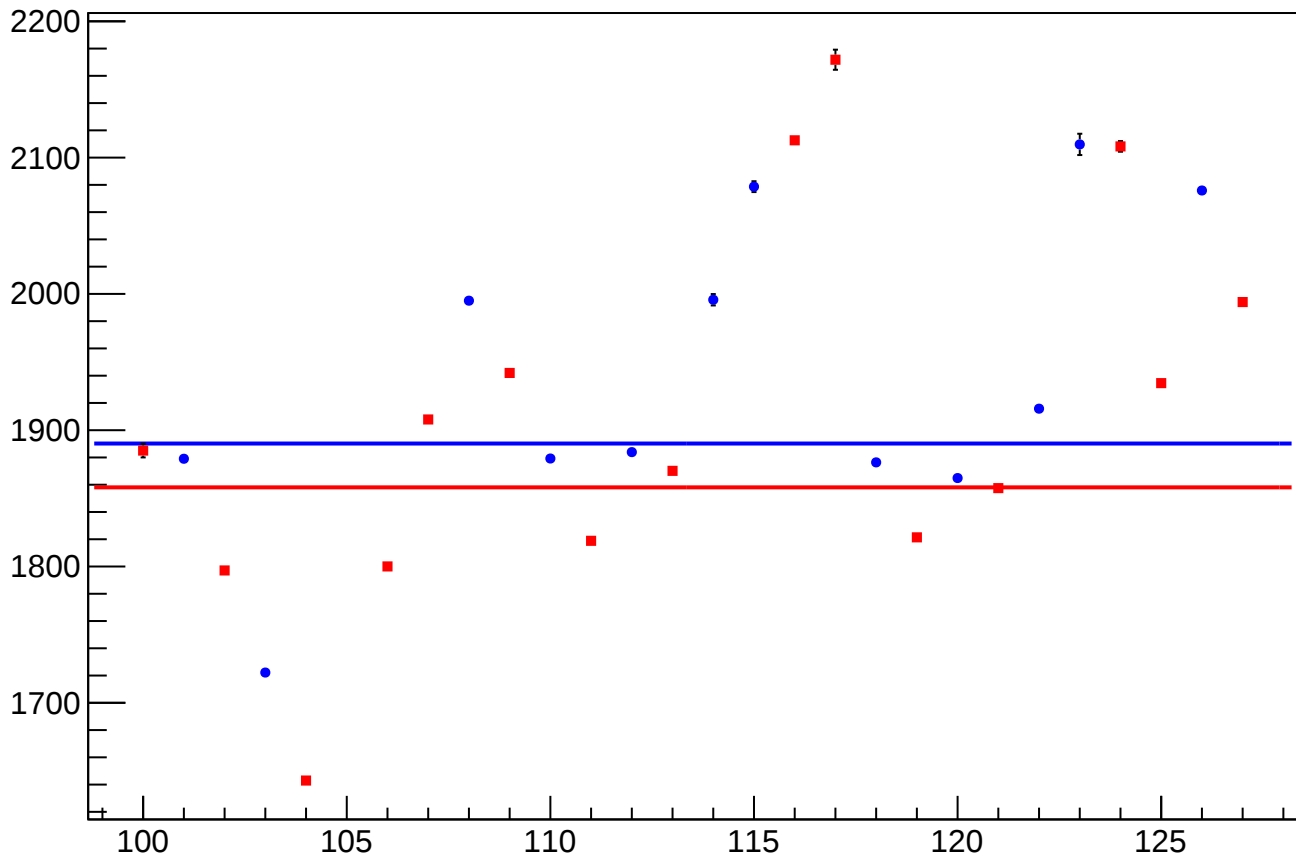
Right Out: -10.867+/-0.810 χ^2/NDF : 623.0/14

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

23.483+/-0.915 χ^2/NDF : 729.7/11

-10.867+/-0.810 χ^2/NDF : 623.0/14

diff_bpm0i05Y_rms vs Slug



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

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

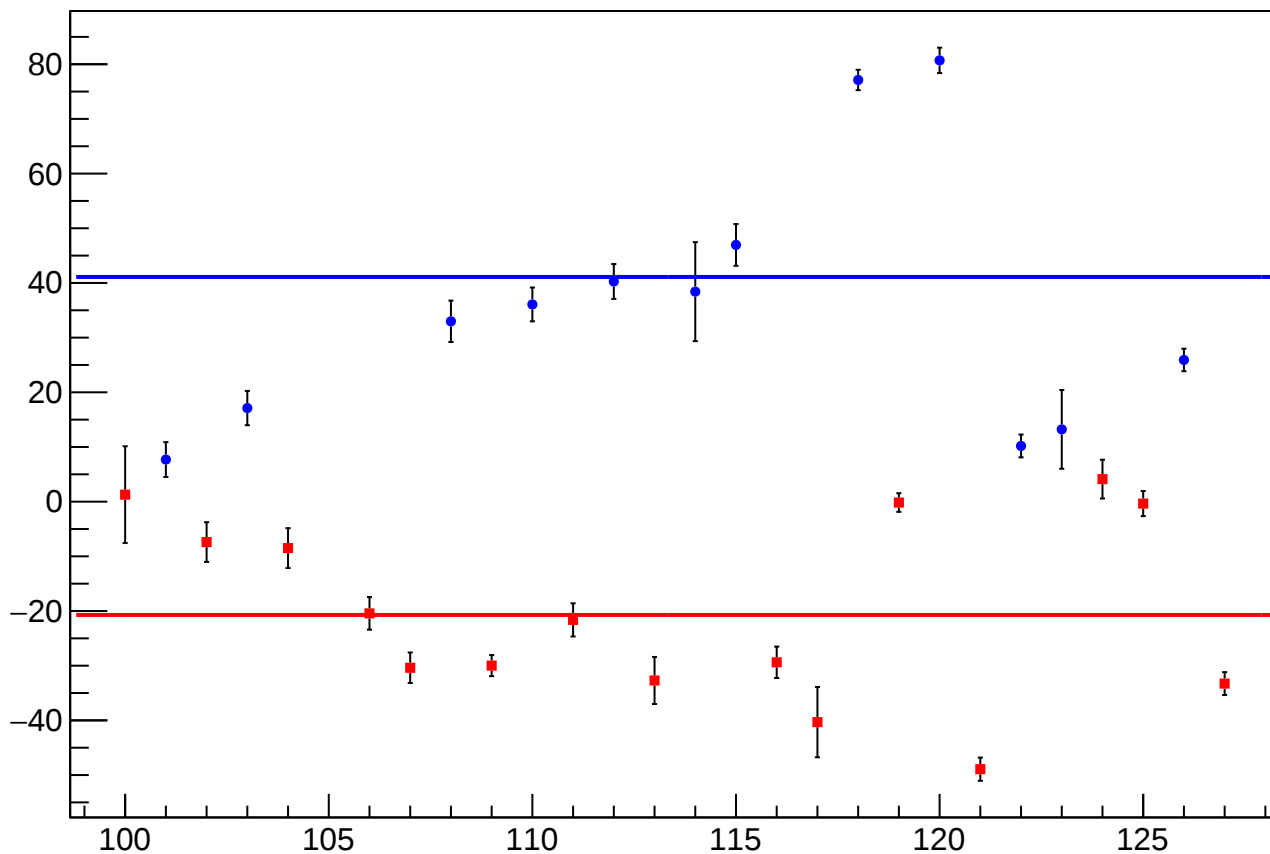
Right Out: 1858.067+/-0.573 χ^2/NDF : 40394.0/14

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

1890.228+/-0.647 χ^2/NDF : 23123.4/11

1858.067+/-0.573 χ^2/NDF : 40394.0/14

diff_bpm0i07X_mean vs Slug



Right In: 41.096+/-0.813 χ^2/NDF : 1132.4/11

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

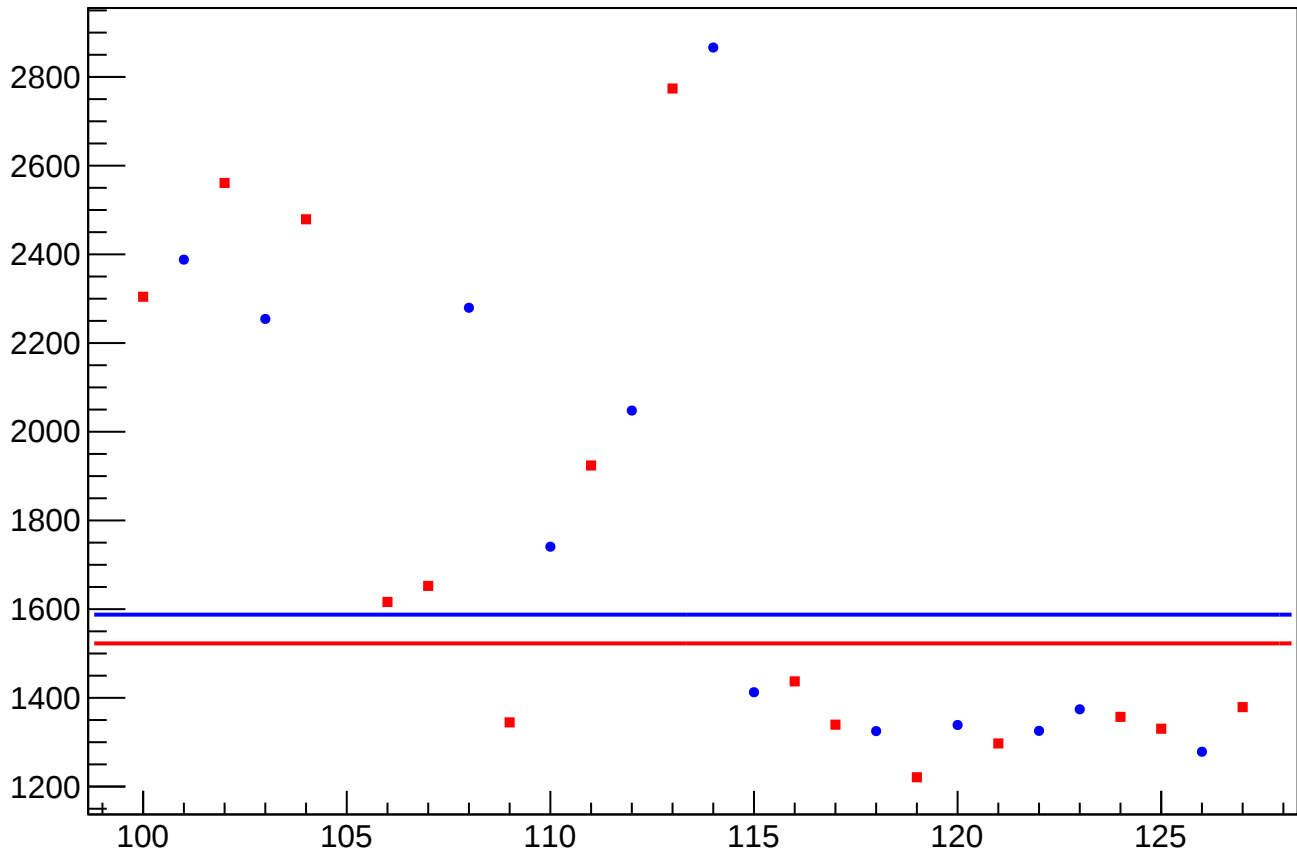
Right Out: -20.717+/-0.699 χ^2/NDF : 577.7/14

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

41.096+/-0.813 χ^2/NDF : 1132.4/11

-20.717+/-0.699 χ^2/NDF : 577.7/14

diff_bpm0i07X_rms vs Slug



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

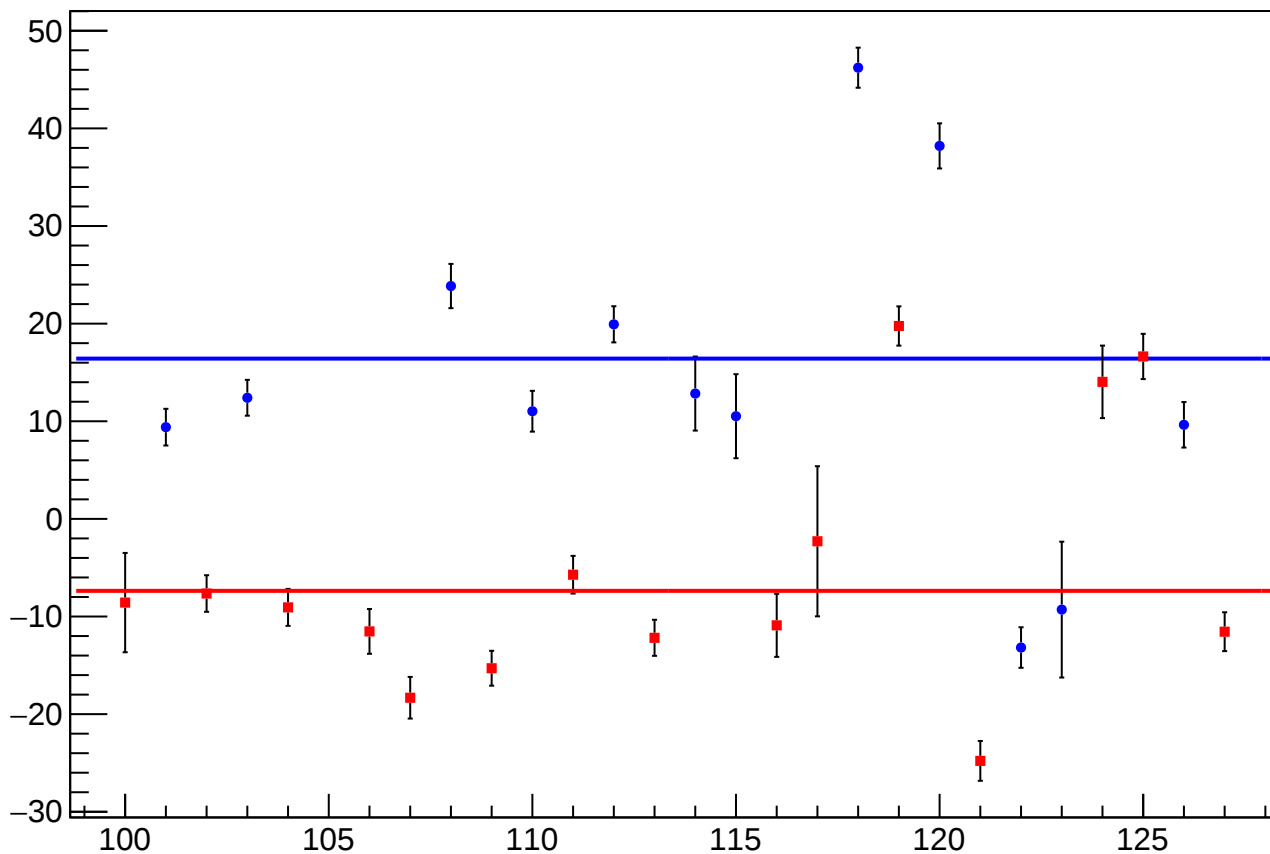
Right Out: 1522.794 $\pm$ 0.495 χ^2 /NDF: 660065.4/14

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

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

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

diff_bpm0i07Y_mean vs Slug



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

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

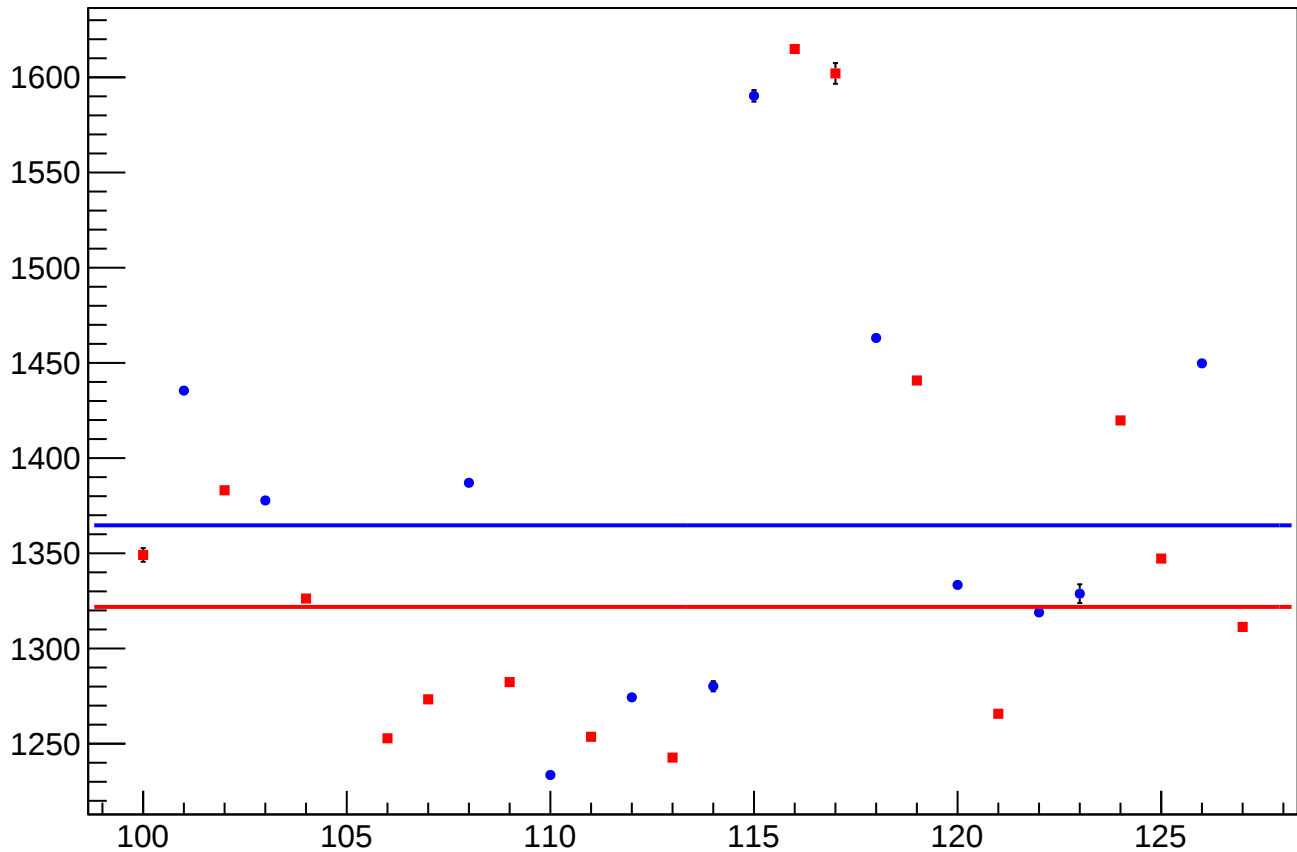
Right Out: -7.371+/-0.577 χ^2/NDF : 459.3/14

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

16.419+/-0.662 χ^2/NDF : 567.6/11

-7.371+/-0.577 χ^2/NDF : 459.3/14

diff_bpm0i07Y_rms vs Slug



Right In: 1364.687 $\pm$ 0.468 χ^2 /NDF: 30920.5/11

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

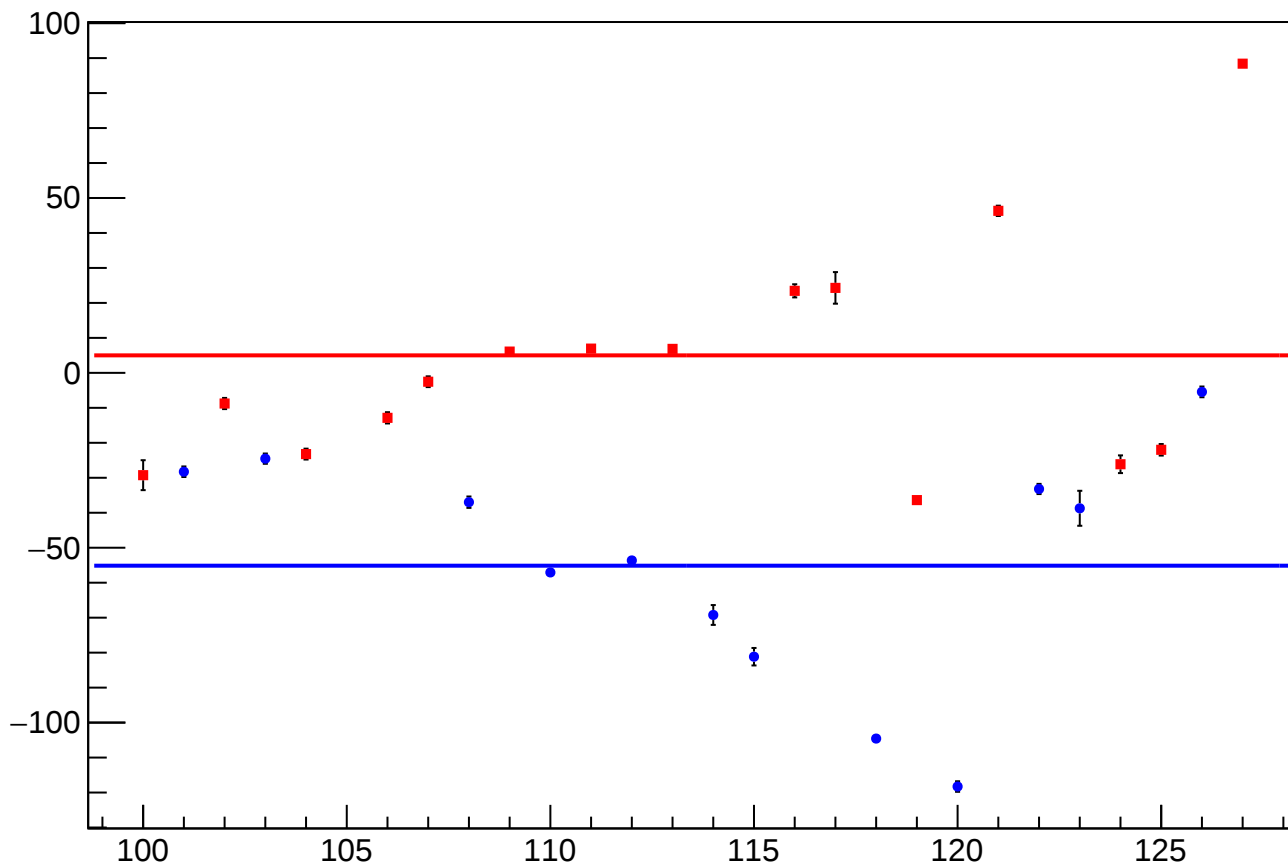
Right Out: 1321.853 $\pm$ 0.408 χ^2 /NDF: 41514.6/14

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

1364.687 $\pm$ 0.468 χ^2 /NDF: 30920.5/11

1321.853 $\pm$ 0.408 χ^2 /NDF: 41514.6/14

diff_bpm1i02X_mean vs Slug



Right In: -55.138 $\pm$ 0.464 χ^2 /NDF: 5595.2/11

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

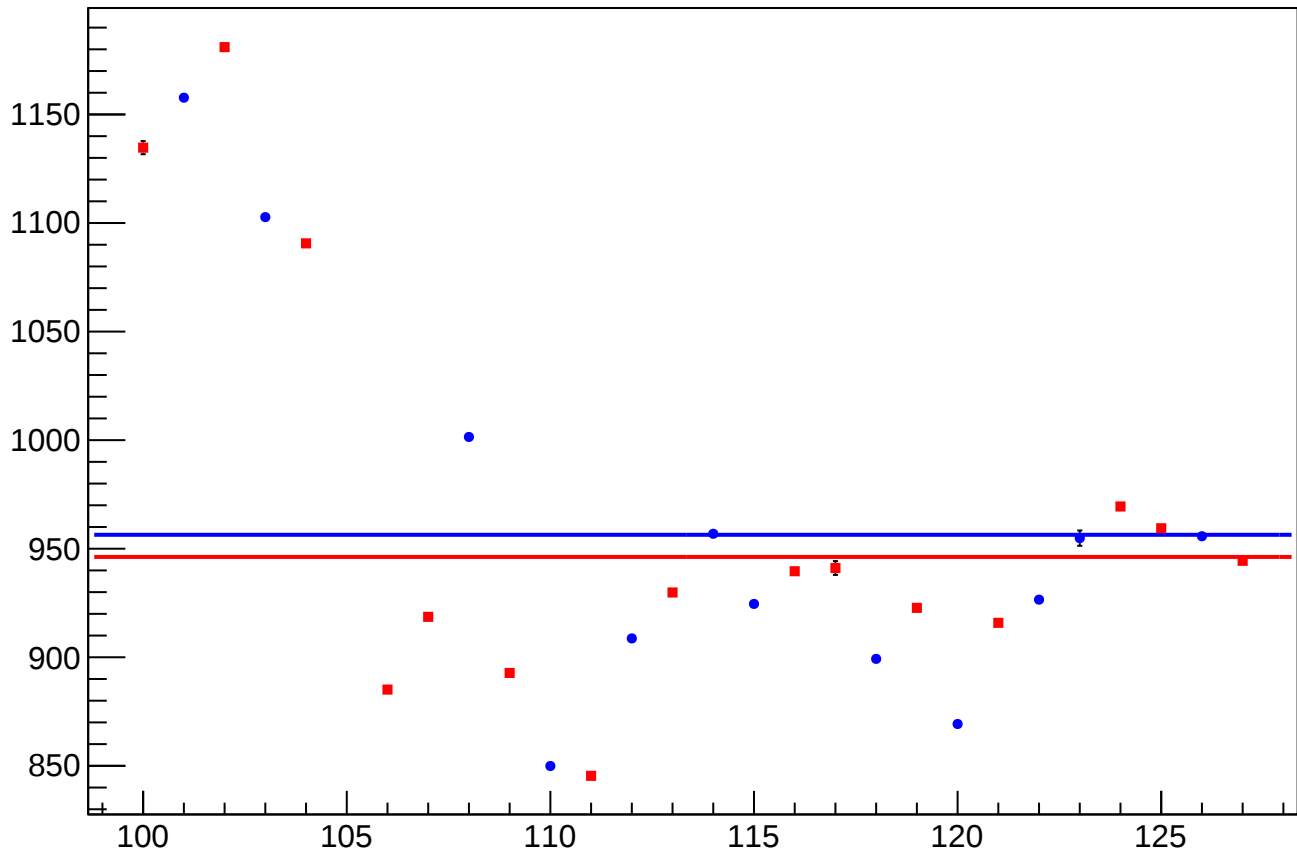
Right Out: 5.003 $\pm$ 0.413 χ^2 /NDF: 6376.6/14

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

-55.138 $\pm$ 0.464 χ^2 /NDF: 5595.2/11

5.003 $\pm$ 0.413 χ^2 /NDF: 6376.6/14

diff_bpm1i02X_rms vs Slug



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

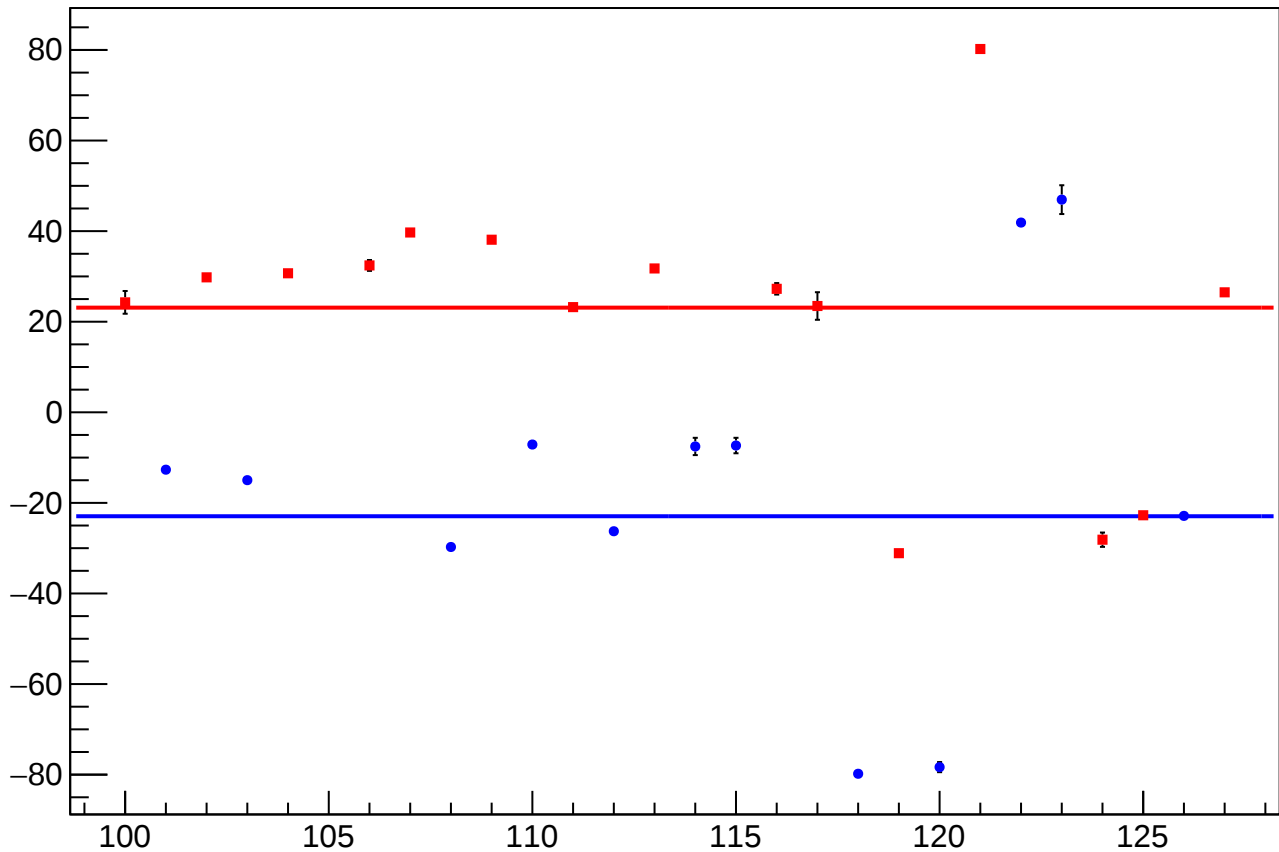
Right Out: 946.211 $\pm$ 0.292 χ^2 /NDF: 85905.2/14

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

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

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

diff_bpm1i02Y_mean vs Slug



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

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

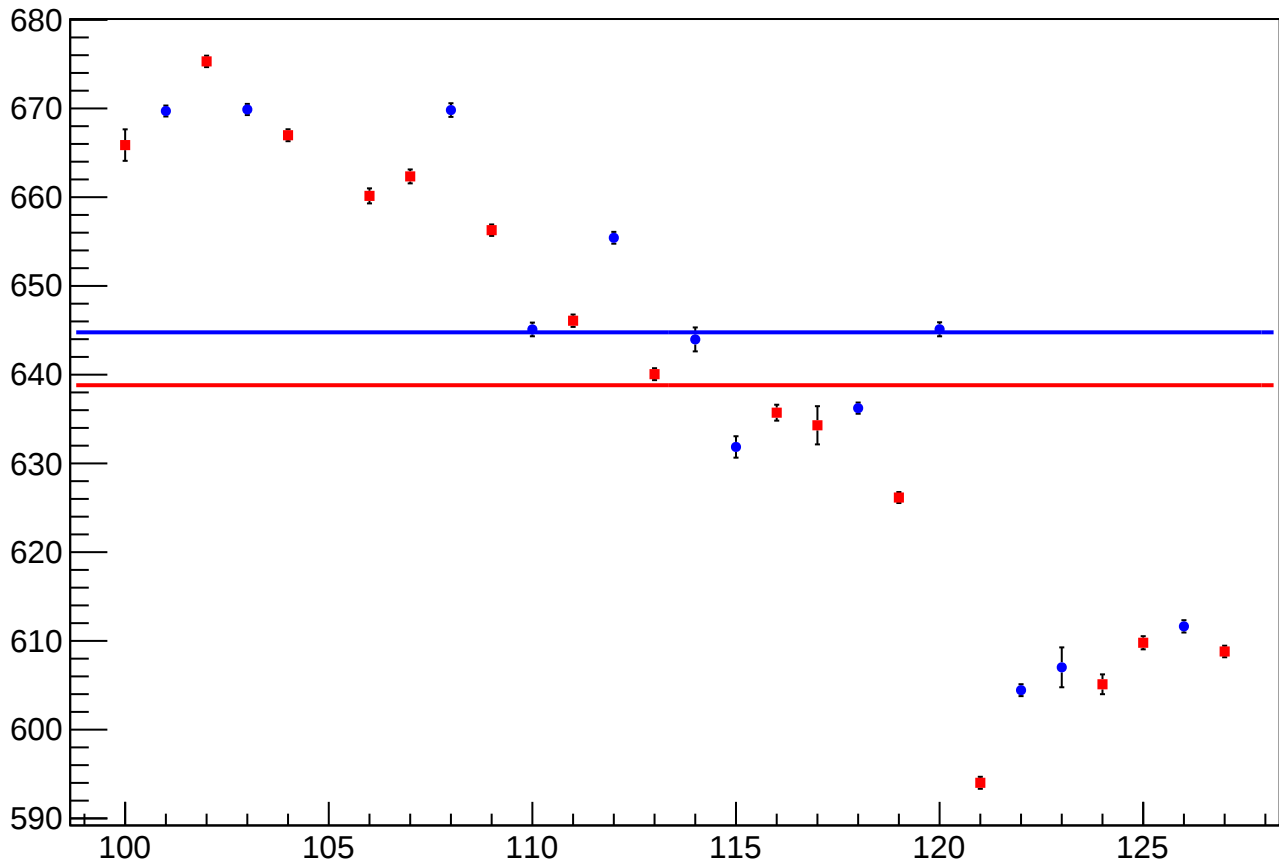
Right Out: 23.108+/-0.278 χ^2/NDF : 11168.2/14

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

-22.949+/-0.312 χ^2/NDF : 12294.3/11

23.108+/-0.278 χ^2/NDF : 11168.2/14

diff_bpm1i02Y_rms vs Slug



Right In: 644.771+/-0.220 χ^2/NDF : 10999.0/11

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

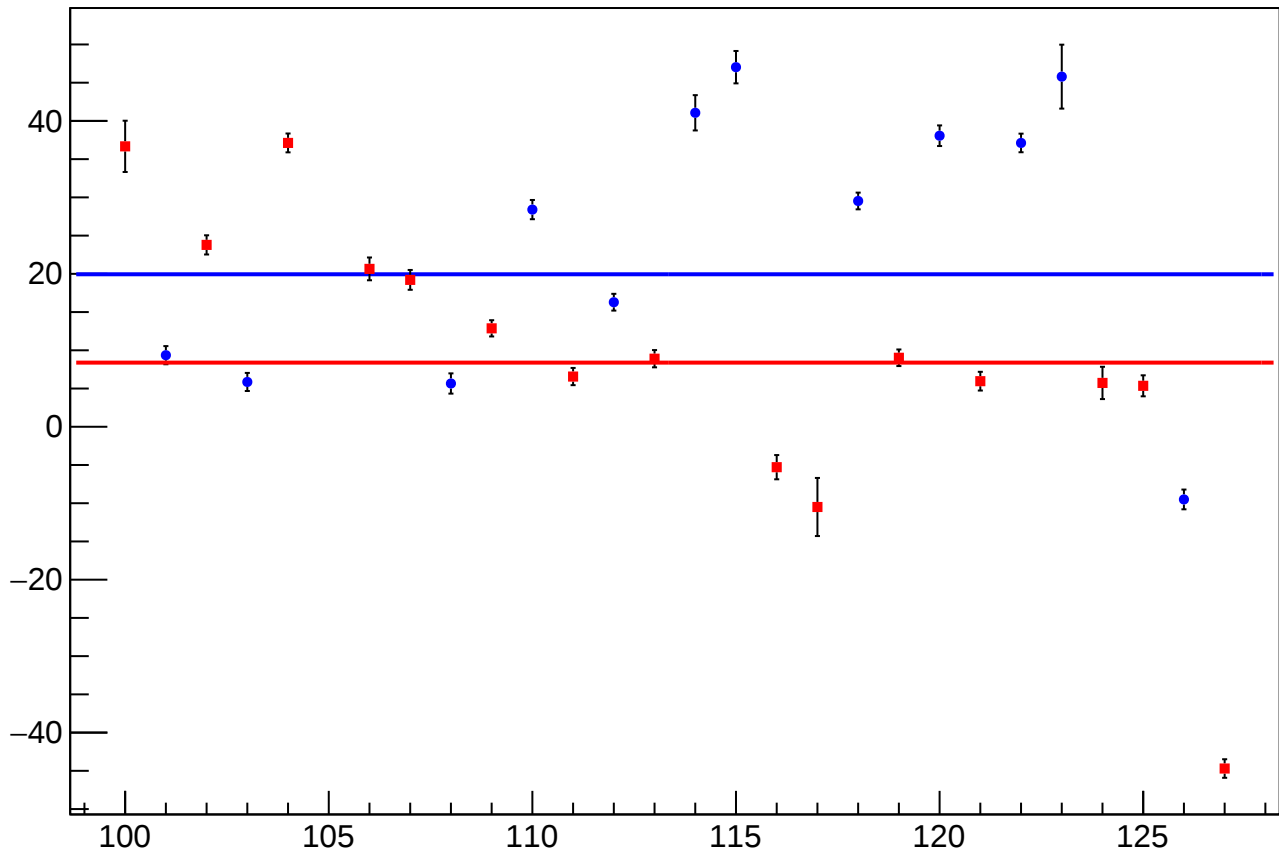
Right Out: 638.812+/-0.197 χ^2/NDF : 16959.9/14

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

644.771+/-0.220 χ^2/NDF : 10999.0/11

638.812+/-0.197 χ^2/NDF : 16959.9/14

diff_bpm1i04X_mean vs Slug



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

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

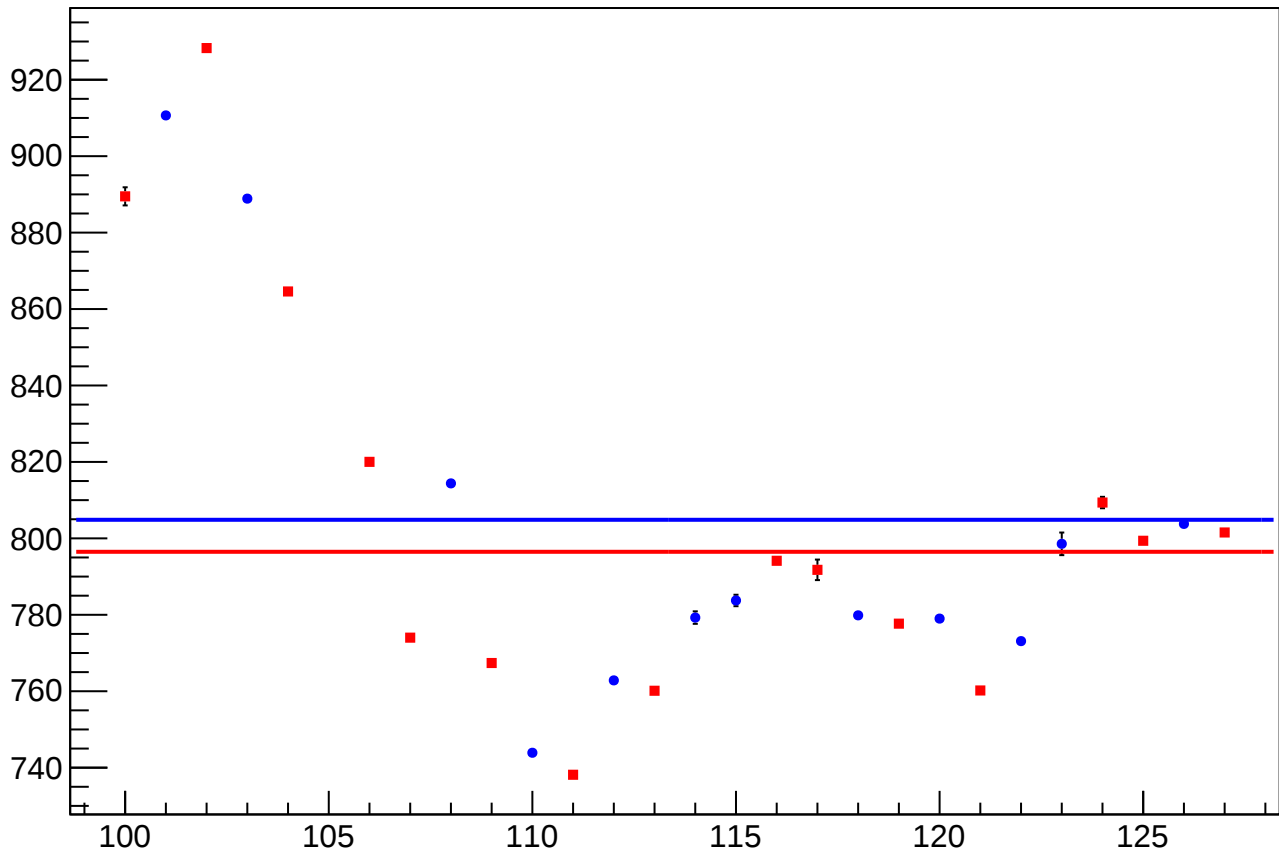
Right Out: 8.389+/-0.347 χ^2 /NDF: 2946.6/14

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

19.943+/-0.390 χ^2 /NDF: 1656.8/11

8.389+/-0.347 χ^2 /NDF: 2946.6/14

diff_bpm1i04X_rms vs Slug



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

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

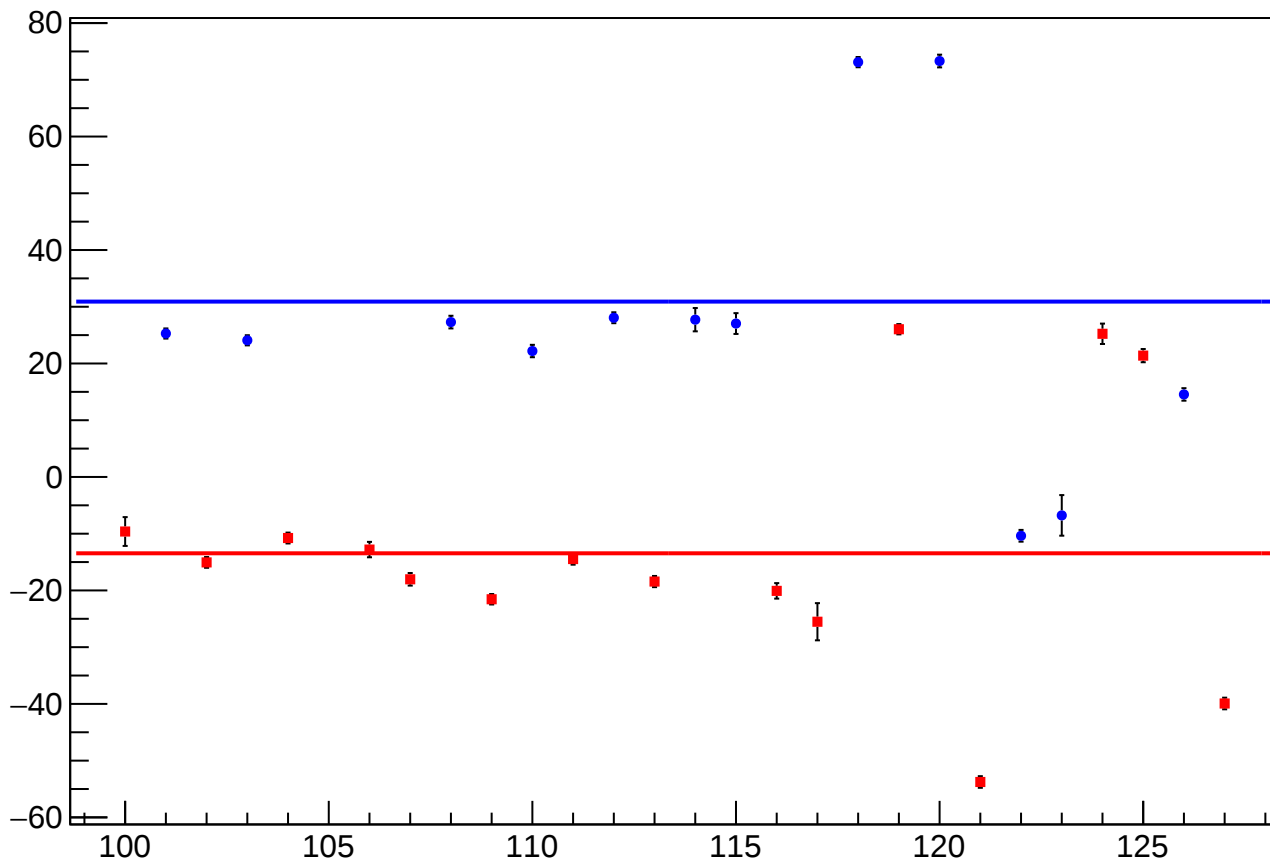
Right Out: 796.486+/-0.245 χ^2/NDF : 42202.2/14

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

804.859+/-0.275 χ^2/NDF : 37314.2/11

796.486+/-0.245 χ^2/NDF : 42202.2/14

diff_bpm1i04Y_mean vs Slug



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

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

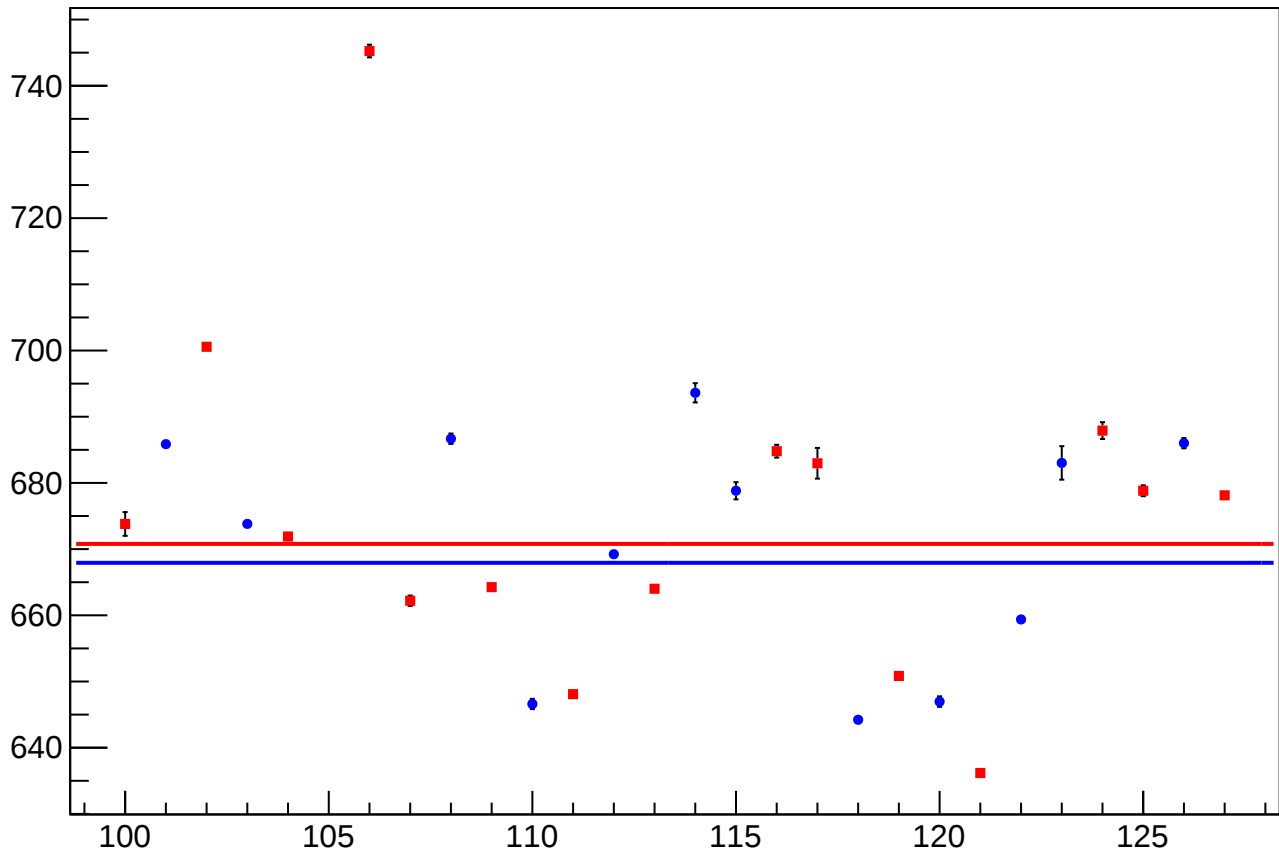
Right Out: -13.455+/-0.292 χ^2 /NDF: 5633.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

30.909+/-0.323 χ^2 /NDF: 5721.2/11

-13.455+/-0.292 χ^2 /NDF: 5633.8/14

diff_bpm1i04Y_rms vs Slug



Right In: 667.934+/-0.228 χ^2/NDF : 5391.9/11

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

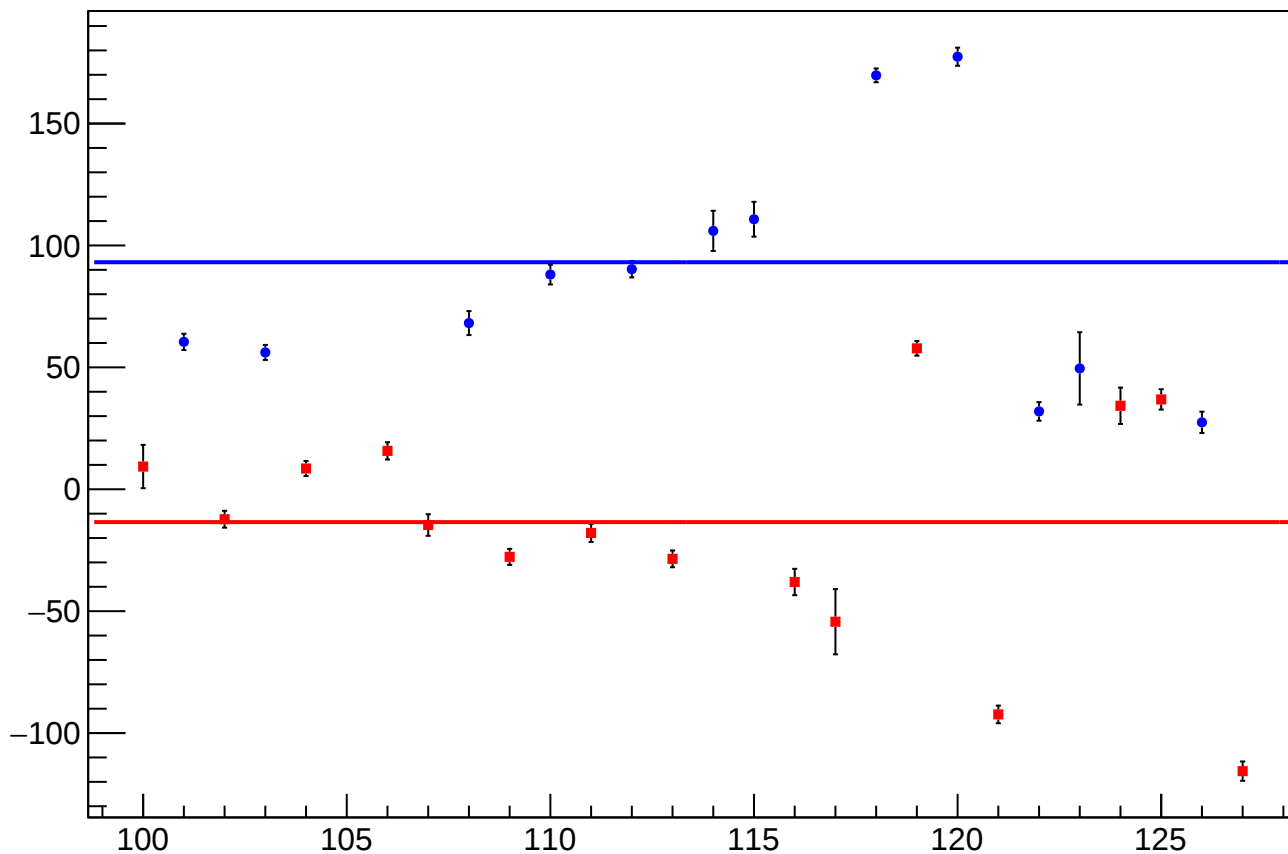
Right Out: 670.788+/-0.206 χ^2/NDF : 13226.6/14

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

667.934+/-0.228 χ^2/NDF : 5391.9/11

670.788+/-0.206 χ^2/NDF : 13226.6/14

diff_bpm1i06X_mean vs Slug



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

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

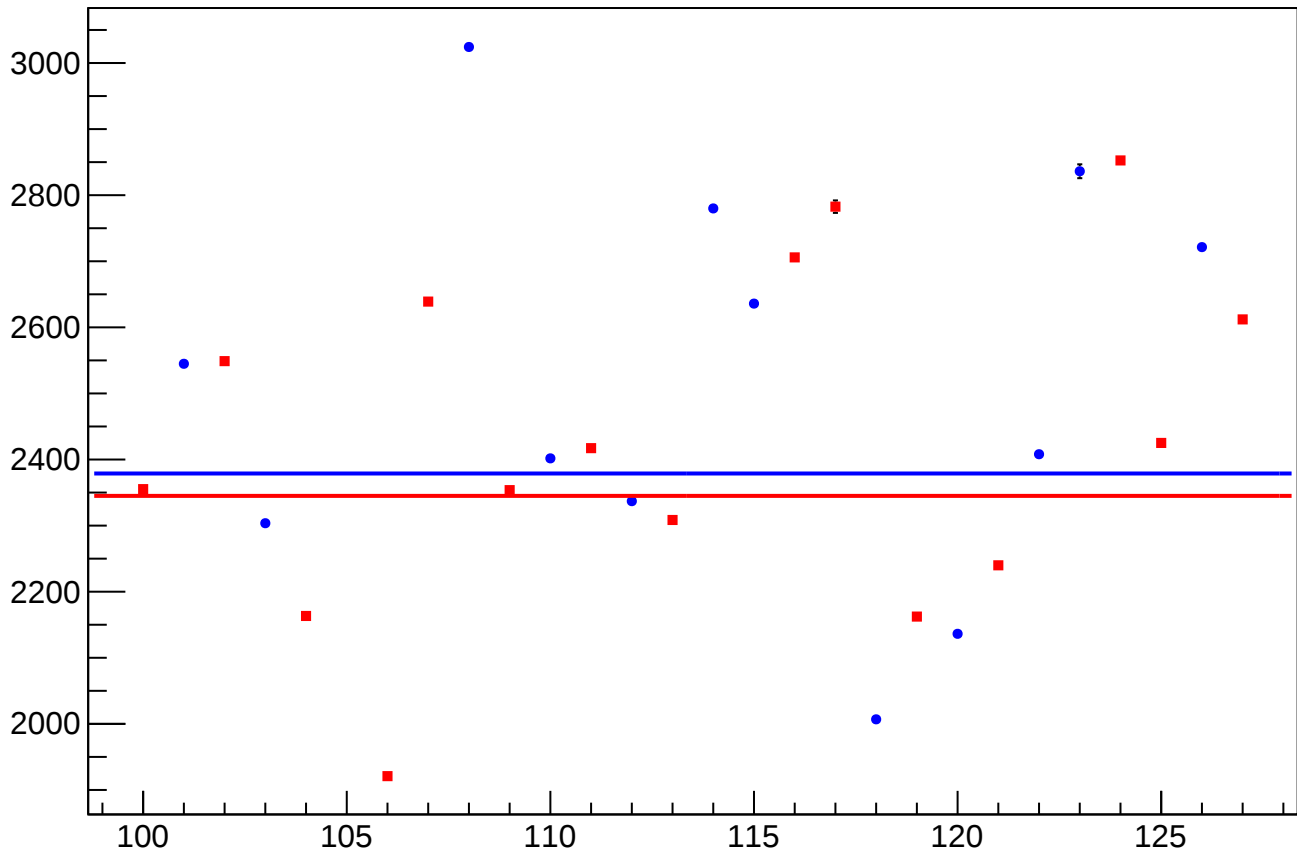
Right Out: -13.469+/-1.028 χ^2/NDF : 2076.0/14

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

93.121+/-1.159 χ^2/NDF : 2024.6/11

-13.469+/-1.028 χ^2/NDF : 2076.0/14

diff_bpm1i06X_rms vs Slug



Right In: 2378.869+/-0.820 χ^2/NDF : 105976.7/11

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

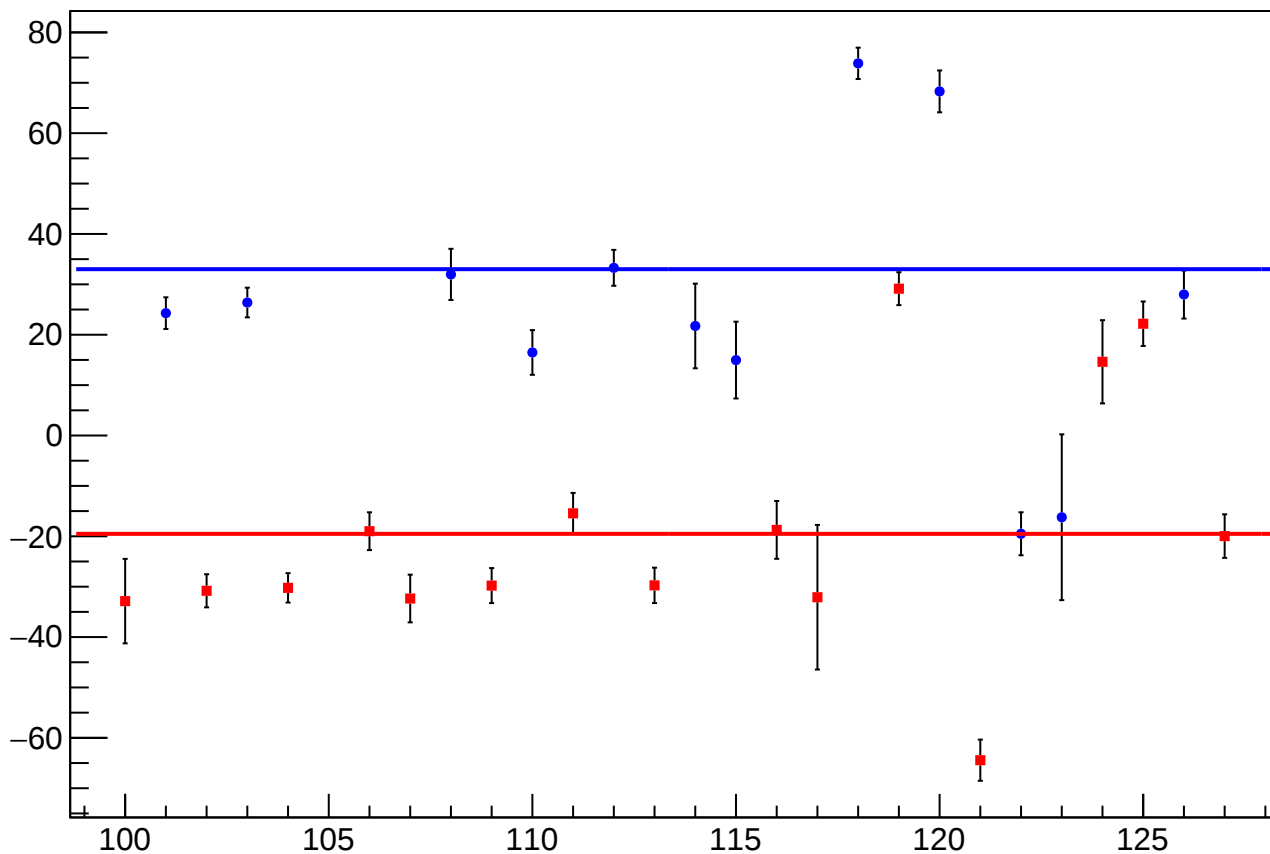
Right Out: 2344.991+/-0.727 χ^2/NDF : 91446.8/14

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

2378.869+/-0.820 χ^2/NDF : 105976.7/11

2344.991+/-0.727 χ^2/NDF : 91446.8/14

diff_bpm1i06Y_mean vs Slug



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

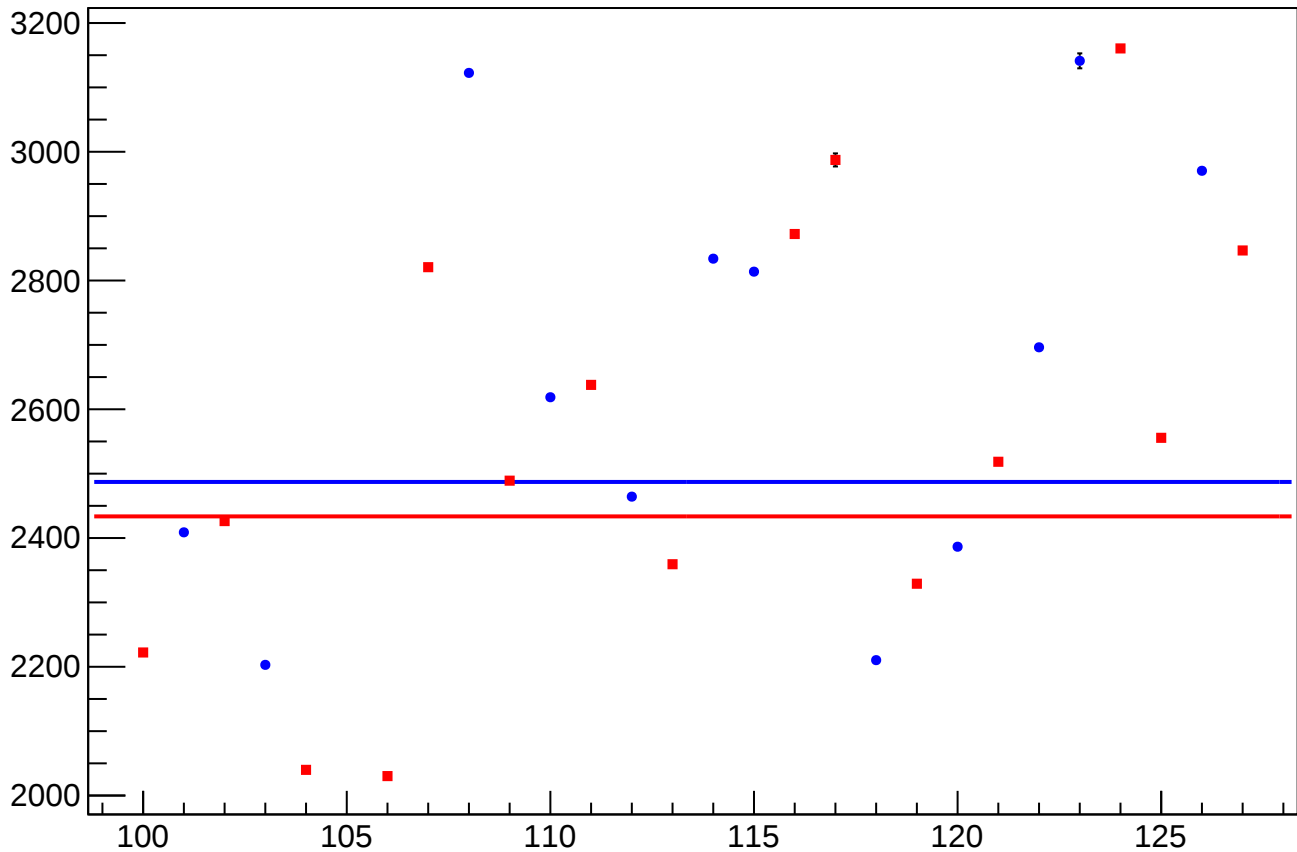
Right Out: -19.514 $\pm$ 1.070 χ^2 /NDF: 503.8/14

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

33.010 $\pm$ 1.212 χ^2 /NDF: 440.1/11

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

diff_bpm1i06Y_rms vs Slug



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

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

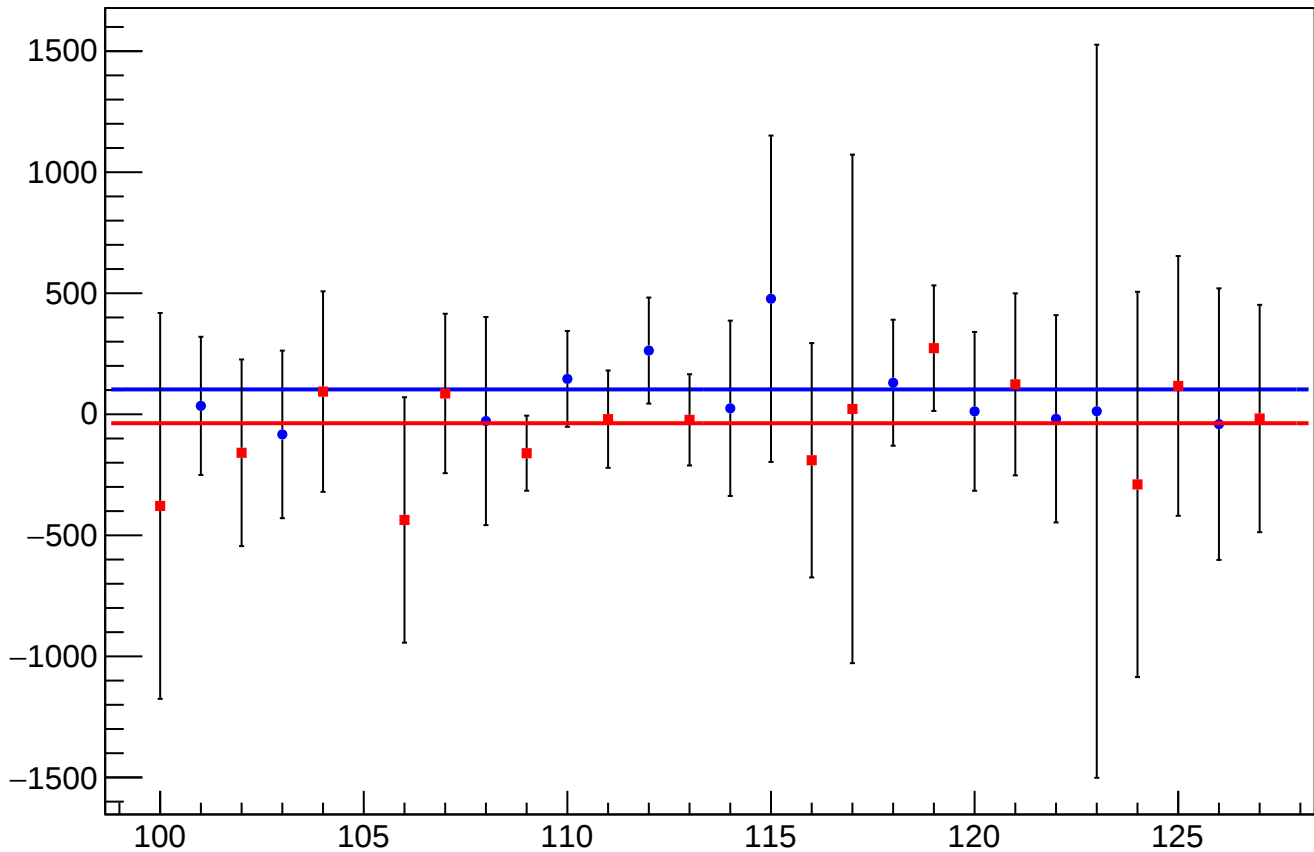
2487.122+/-0.857 χ^2/NDF : 105585.7/11

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

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

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 102.768+/-93.093 χ^2/NDF : 1.6/11

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

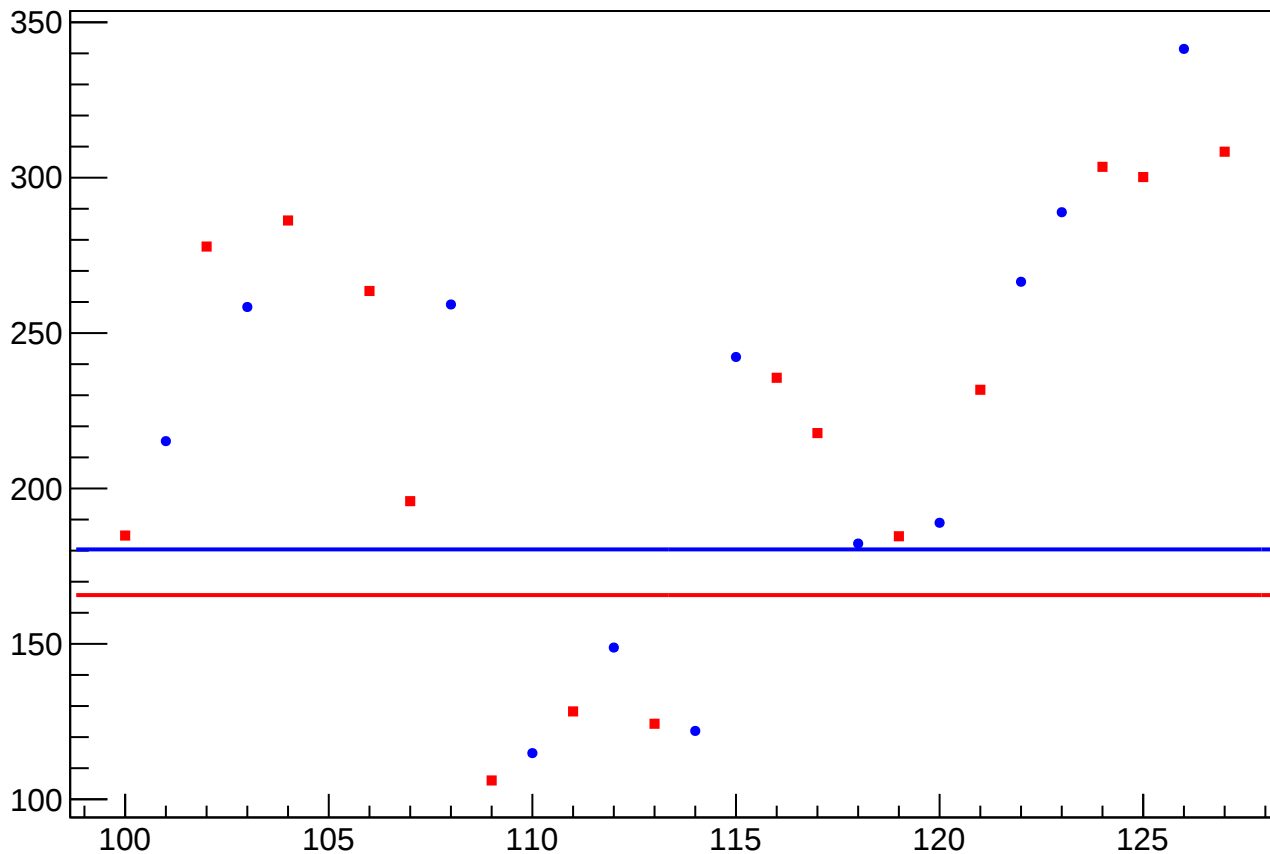
Right Out: -36.851+/-79.442 χ^2/NDF : 3.7/14

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

102.768+/-93.093 χ^2/NDF : 1.6/11

-36.851+/-79.442 χ^2/NDF : 3.7/14

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



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

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

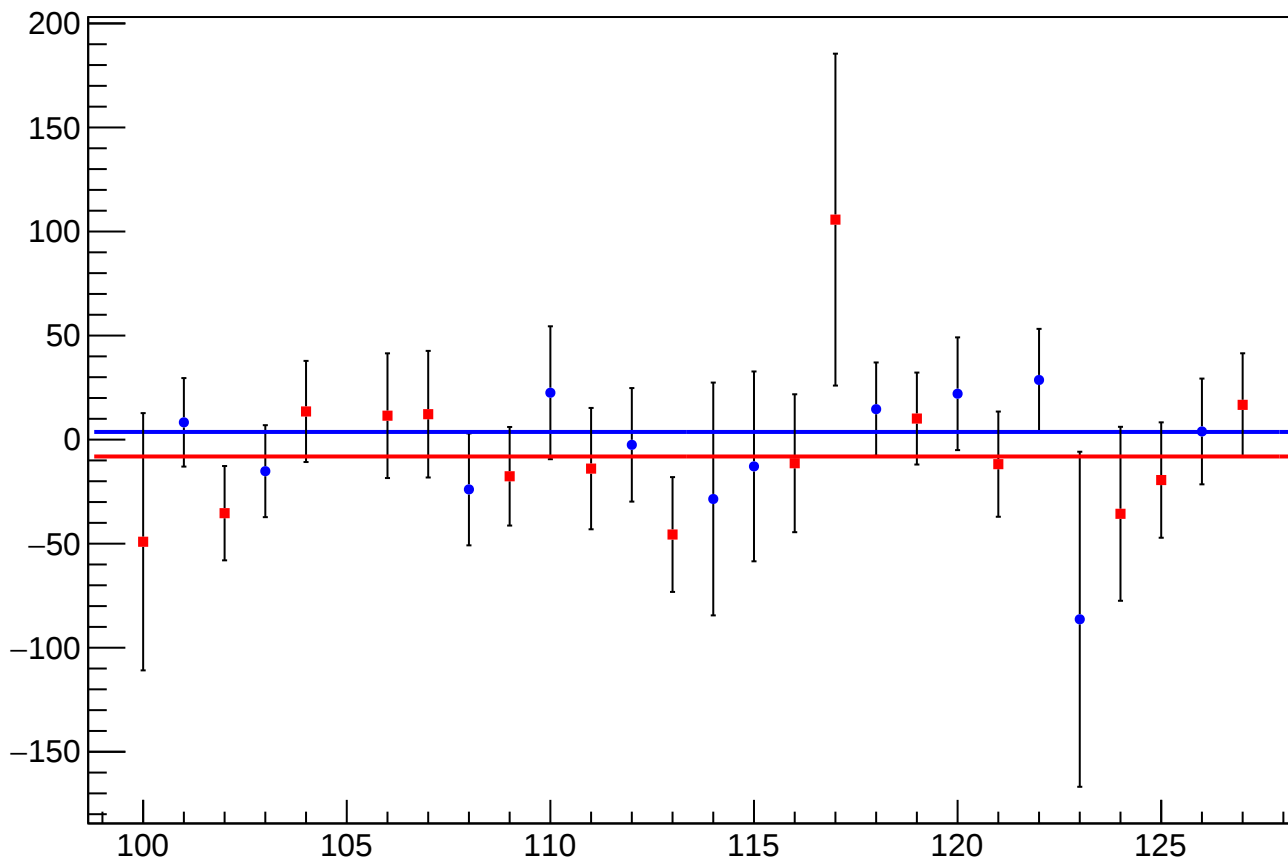
Right Out: 165.700+/-0.056 χ^2/NDF : 1382470.1/14

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

180.394+/-0.066 χ^2/NDF : 786002.3/11

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

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



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

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

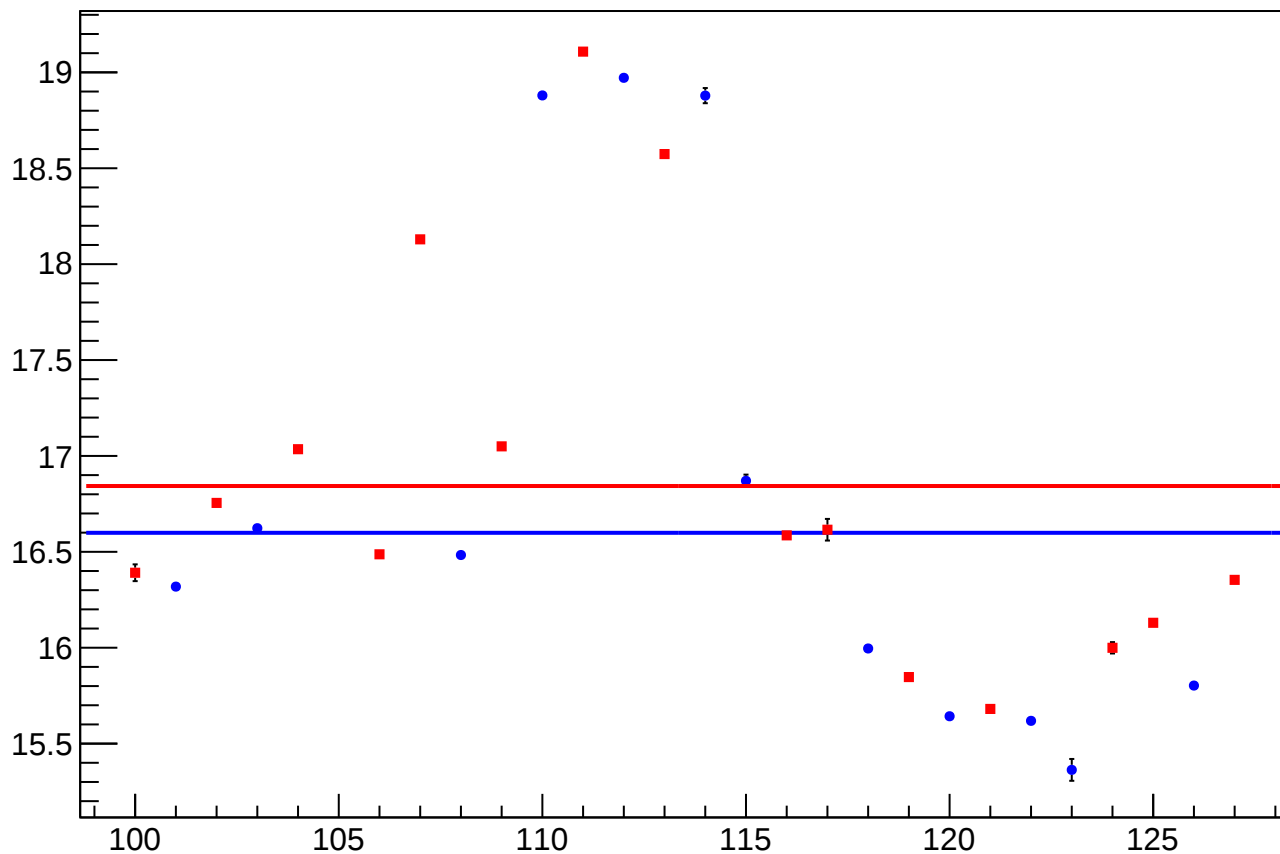
Right Out: -8.105+/-7.342 χ^2/NDF : 10.0/14

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

3.686+/-8.038 χ^2/NDF : 5.7/11

-8.105+/-7.342 χ^2/NDF : 10.0/14

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.599+/-0.006 χ^2/NDF : 38669.1/11

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

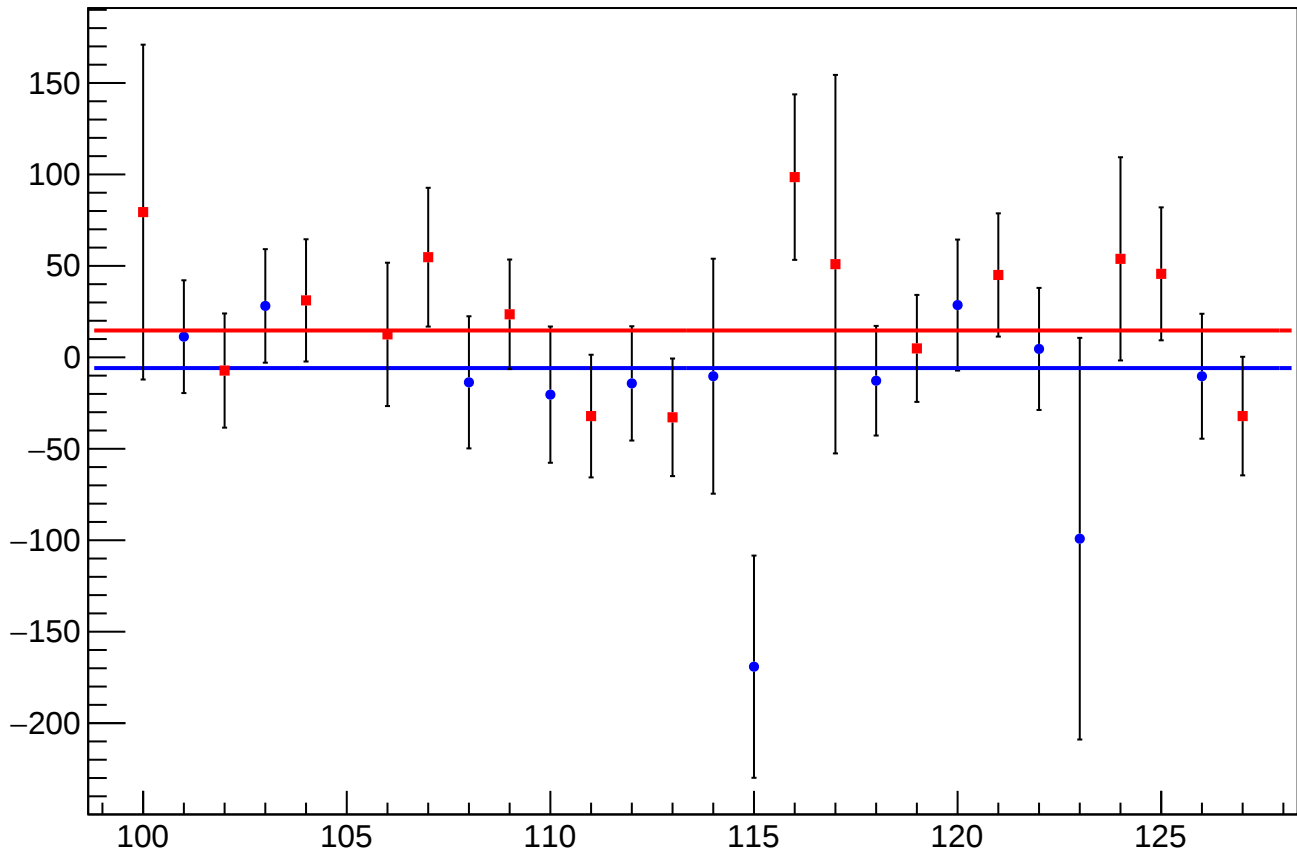
Right Out: 16.843+/-0.005 χ^2/NDF : 35561.9/14

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

16.599+/-0.006 χ^2/NDF : 38669.1/11

16.843+/-0.005 χ^2/NDF : 35561.9/14

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -5.869+/-10.632 χ^2/NDF : 10.8/11

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

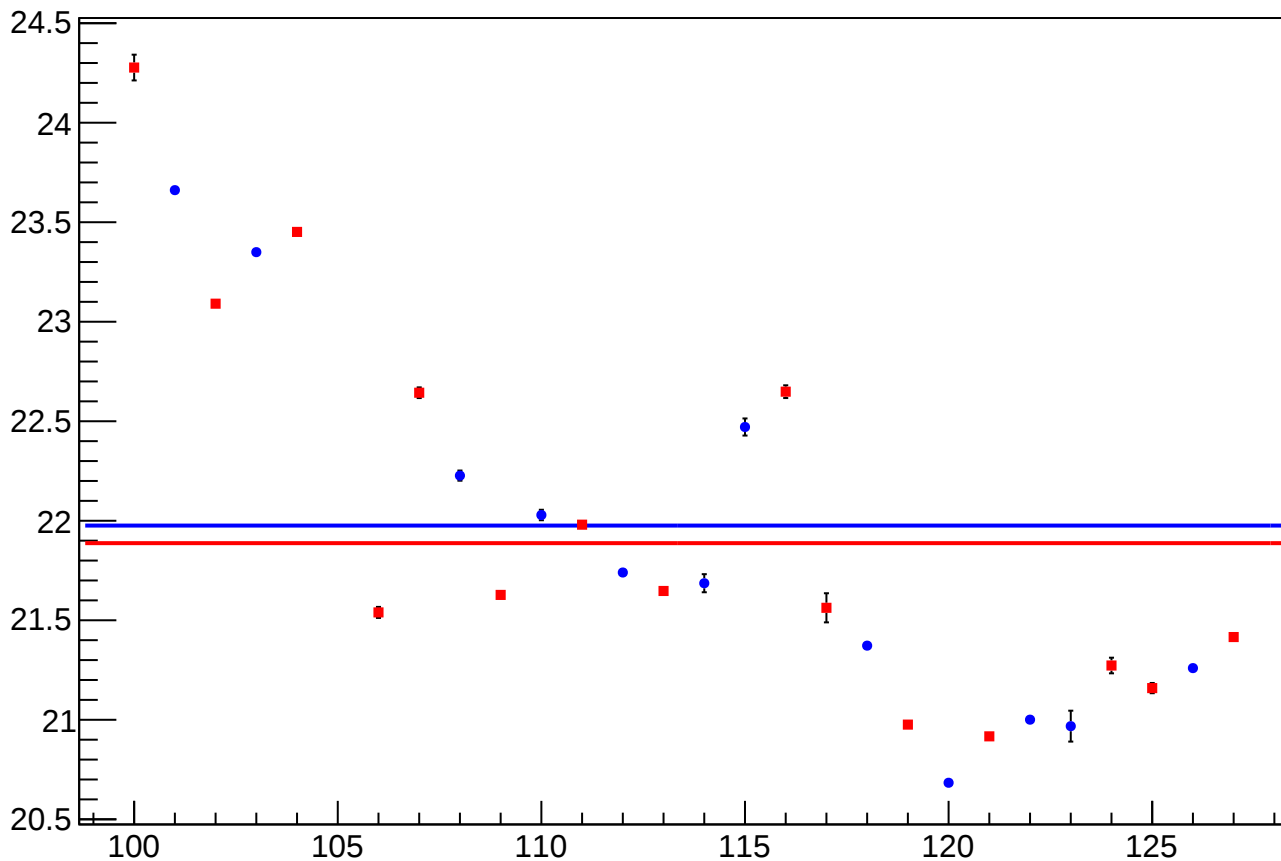
Right Out: 14.680+/-9.525 χ^2/NDF : 14.4/14

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

-5.869+/-10.632 χ^2/NDF : 10.8/11

14.680+/-9.525 χ^2/NDF : 14.4/14

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



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

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

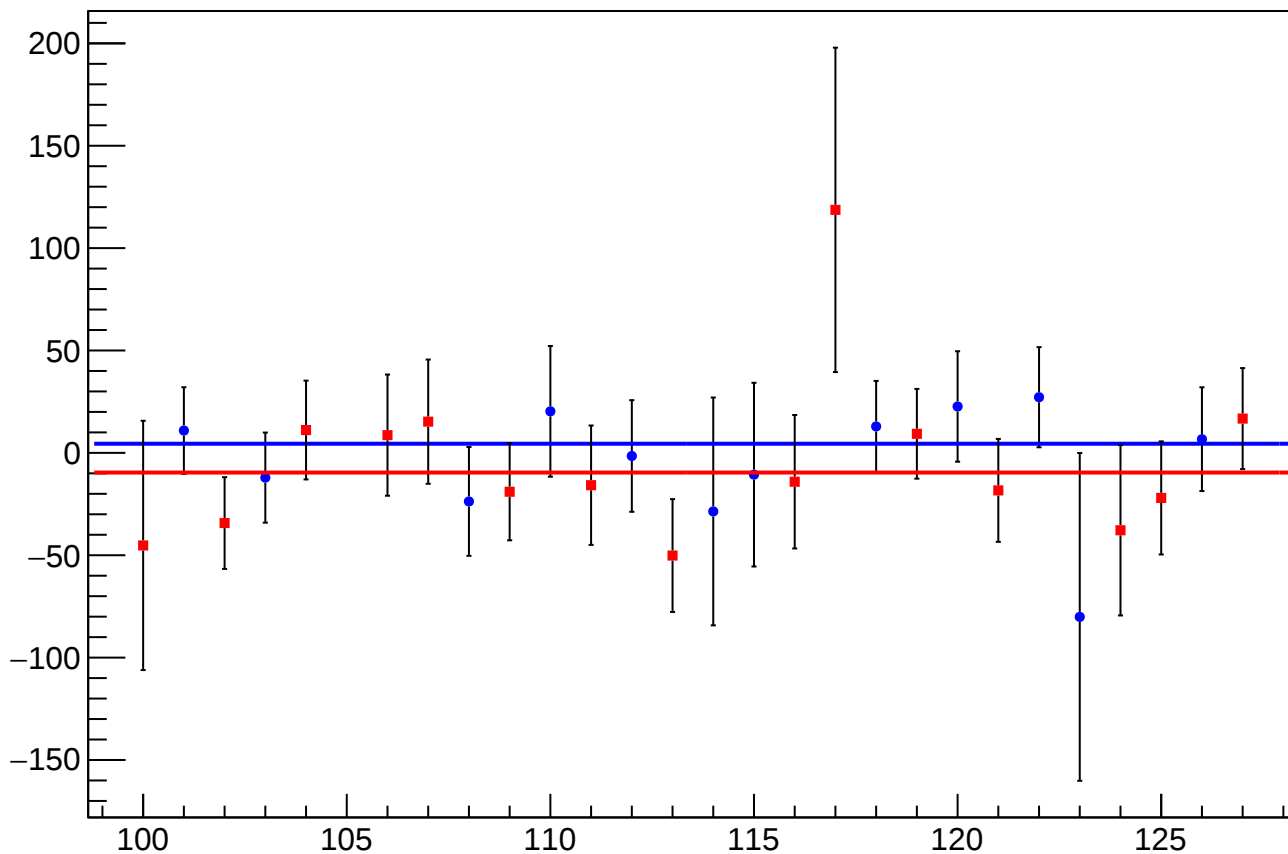
Right Out: 21.888+/-0.007 χ^2/NDF : 15603.5/14

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

21.976+/-0.008 χ^2/NDF : 16454.0/11

21.888+/-0.007 χ^2/NDF : 15603.5/14

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



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

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

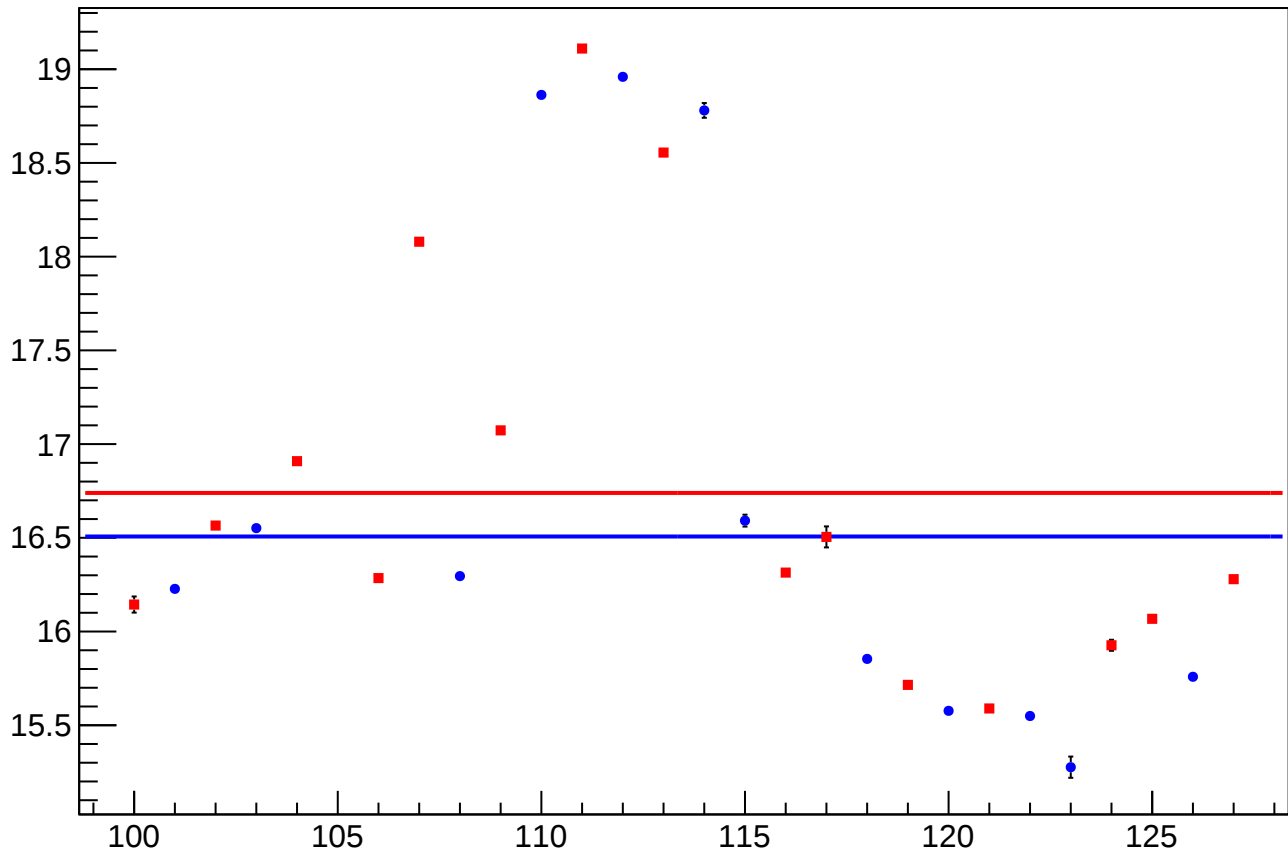
Right Out: -9.607+/-7.297 χ^2/NDF : 11.0/14

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

4.462+/-7.994 χ^2/NDF : 5.1/11

-9.607+/-7.297 χ^2/NDF : 11.0/14

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.507+/-0.006 χ^2/NDF : 40307.5/11

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

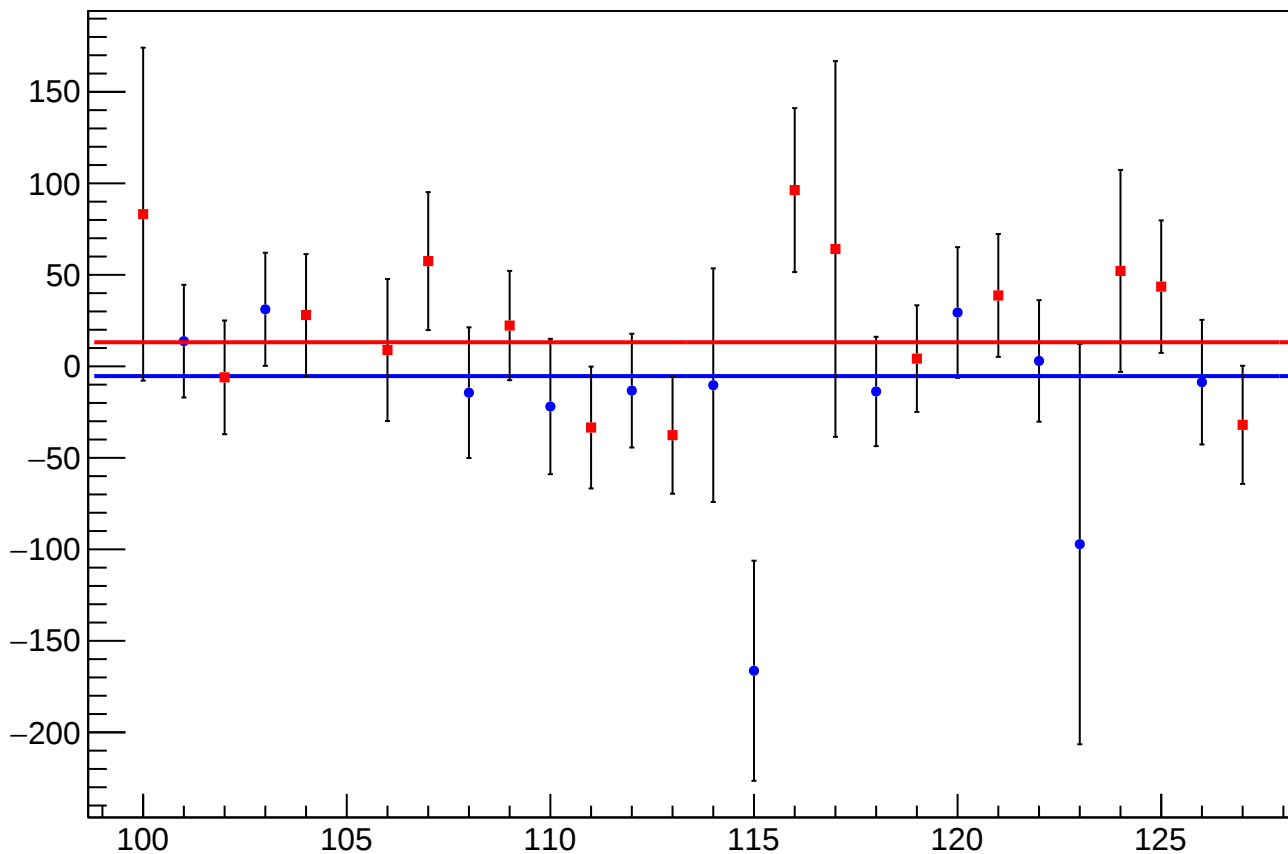
Right Out: 16.739+/-0.005 χ^2/NDF : 38641.4/14

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

16.507+/-0.006 χ^2/NDF : 40307.5/11

16.739+/-0.005 χ^2/NDF : 38641.4/14

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -5.330+/-10.580 χ^2/NDF : 11.1/11

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

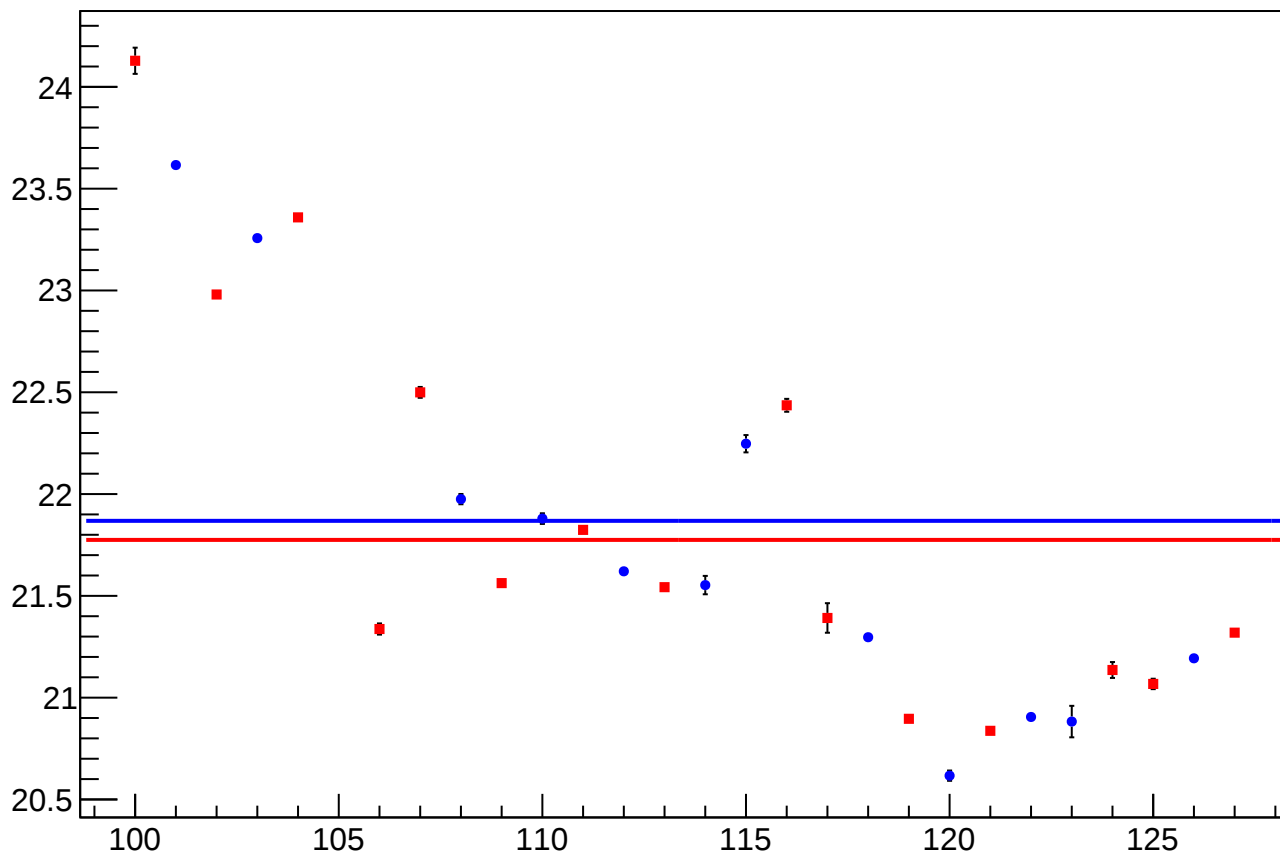
Right Out: 13.174+/-9.475 χ^2/NDF : 14.7/14

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

-5.330+/-10.580 χ^2/NDF : 11.1/11

13.174+/-9.475 χ^2/NDF : 14.7/14

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.868+/-0.007 χ^2/NDF : 16582.7/11

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

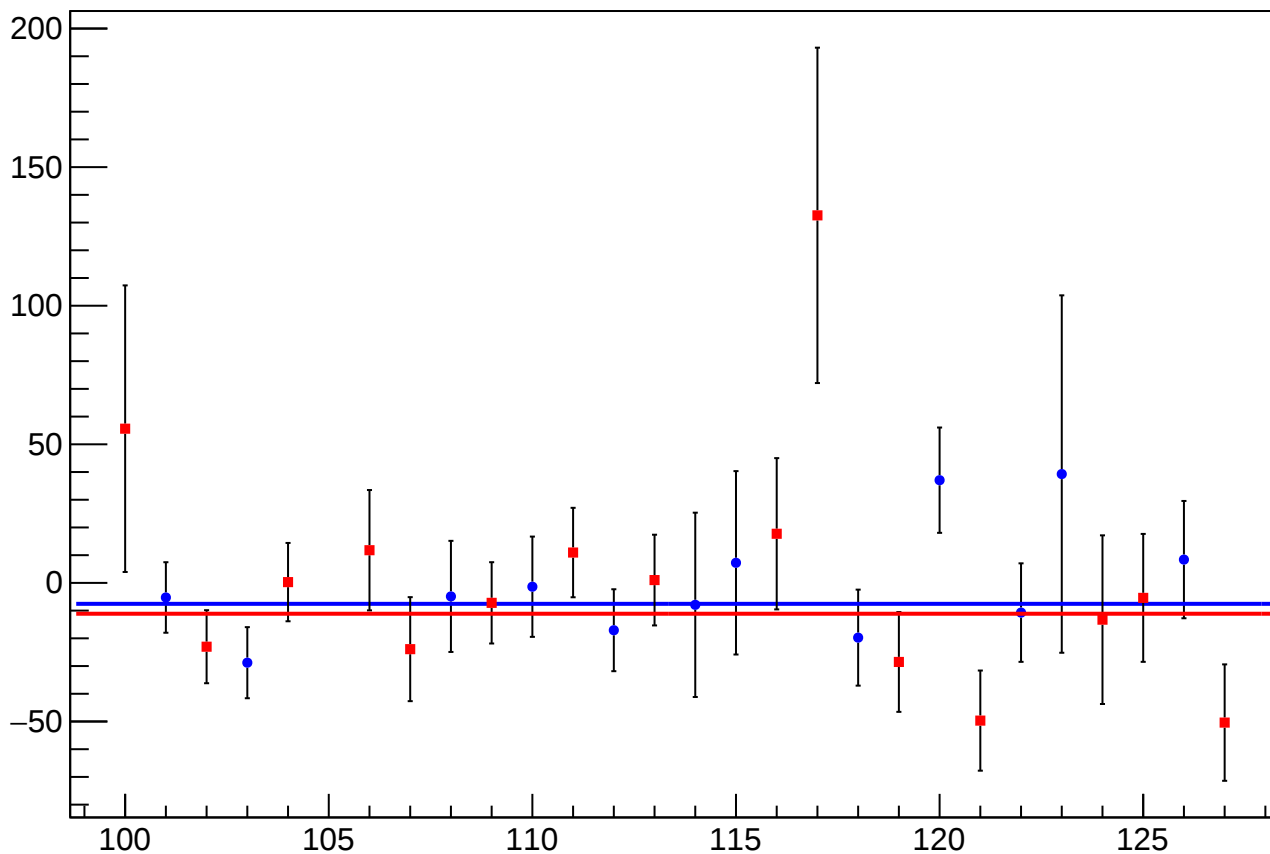
Right Out: 21.775+/-0.007 χ^2/NDF : 15357.3/14

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

21.868+/-0.007 χ^2/NDF : 16582.7/11

21.775+/-0.007 χ^2/NDF : 15357.3/14

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.553+/-5.274 χ^2/NDF : 10.7/11

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

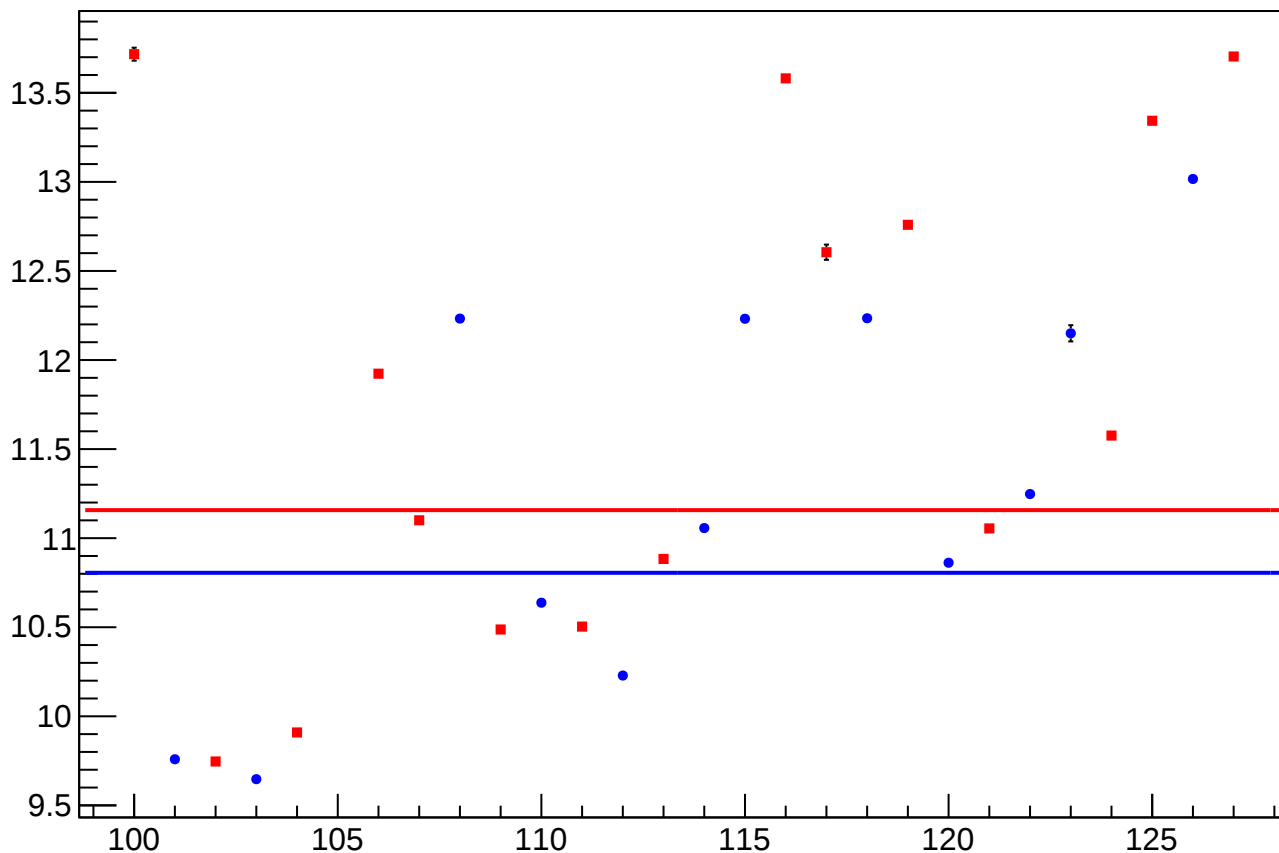
Right Out: -11.126+/-4.919 χ^2/NDF : 23.0/14

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

-7.553+/-5.274 χ^2/NDF : 10.7/11

-11.126+/-4.919 χ^2/NDF : 23.0/14

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.806+/-0.004 χ^2/NDF : 84624.0/11

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

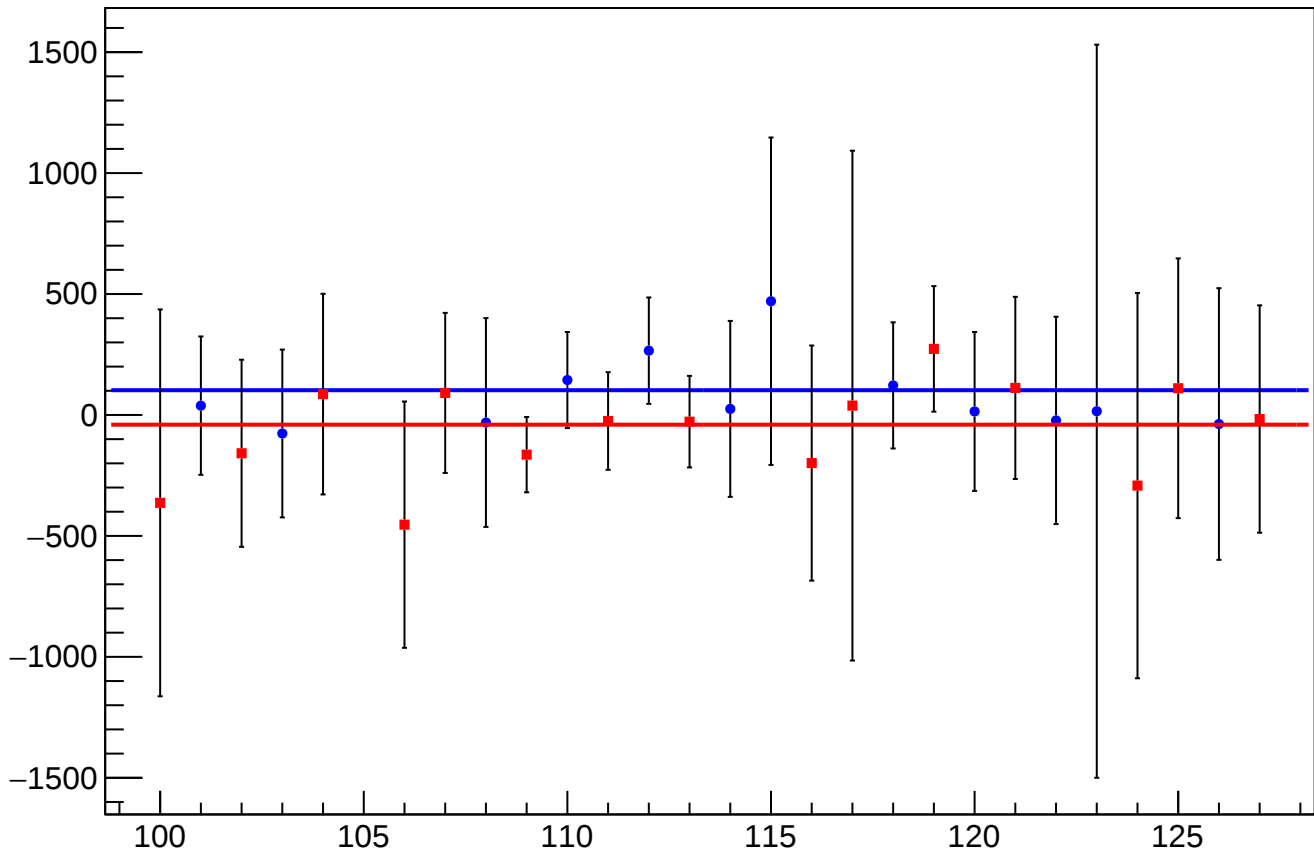
Right Out: 11.157+/-0.003 χ^2/NDF : 134518.3/14

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

10.806+/-0.004 χ^2/NDF : 84624.0/11

11.157+/-0.003 χ^2/NDF : 134518.3/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



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

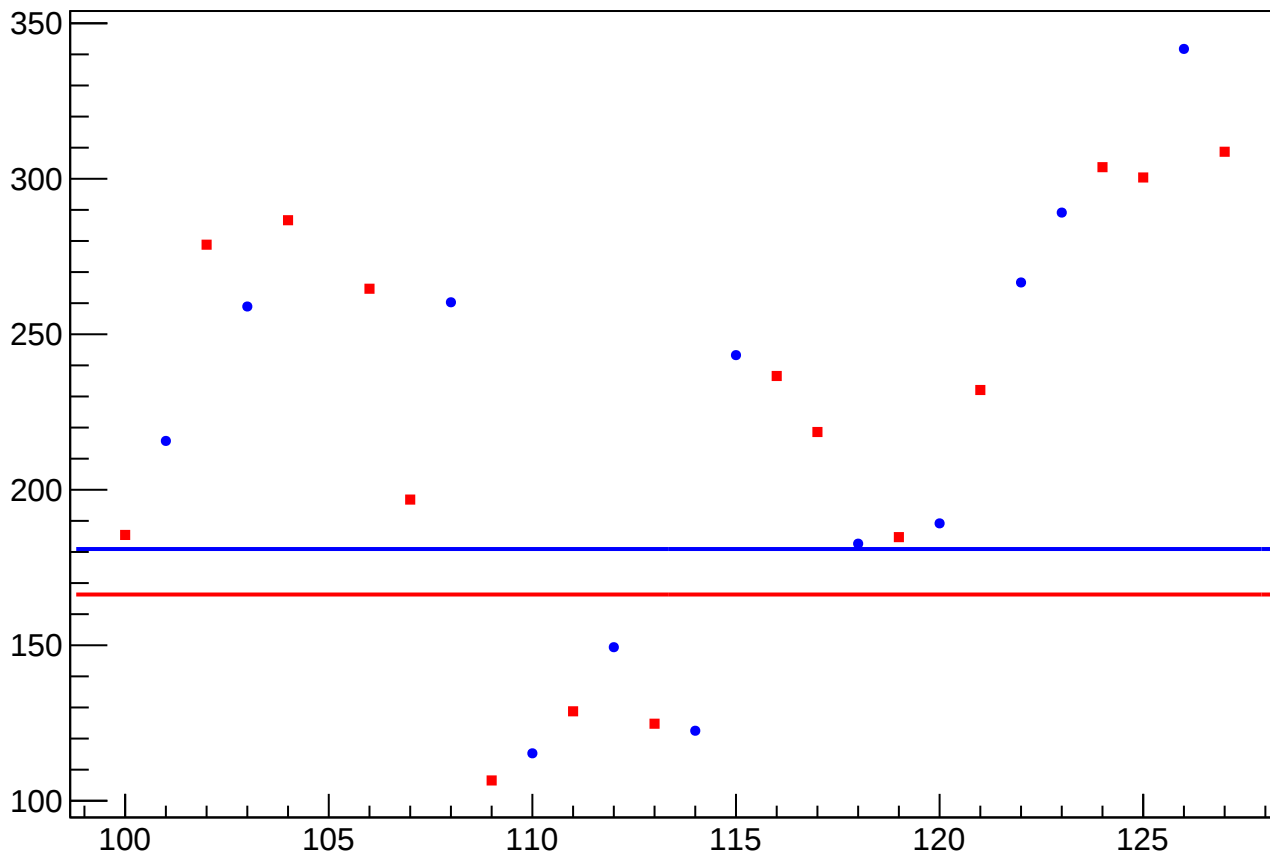
Right Out: -40.085 $\pm$ 79.713 χ^2 /NDF: 3.7/14

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

102.392 $\pm$ 93.360 χ^2 /NDF: 1.6/11

-40.085 $\pm$ 79.713 χ^2 /NDF: 3.7/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 180.949+/-0.066 χ^2/NDF : 782531.1/11

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

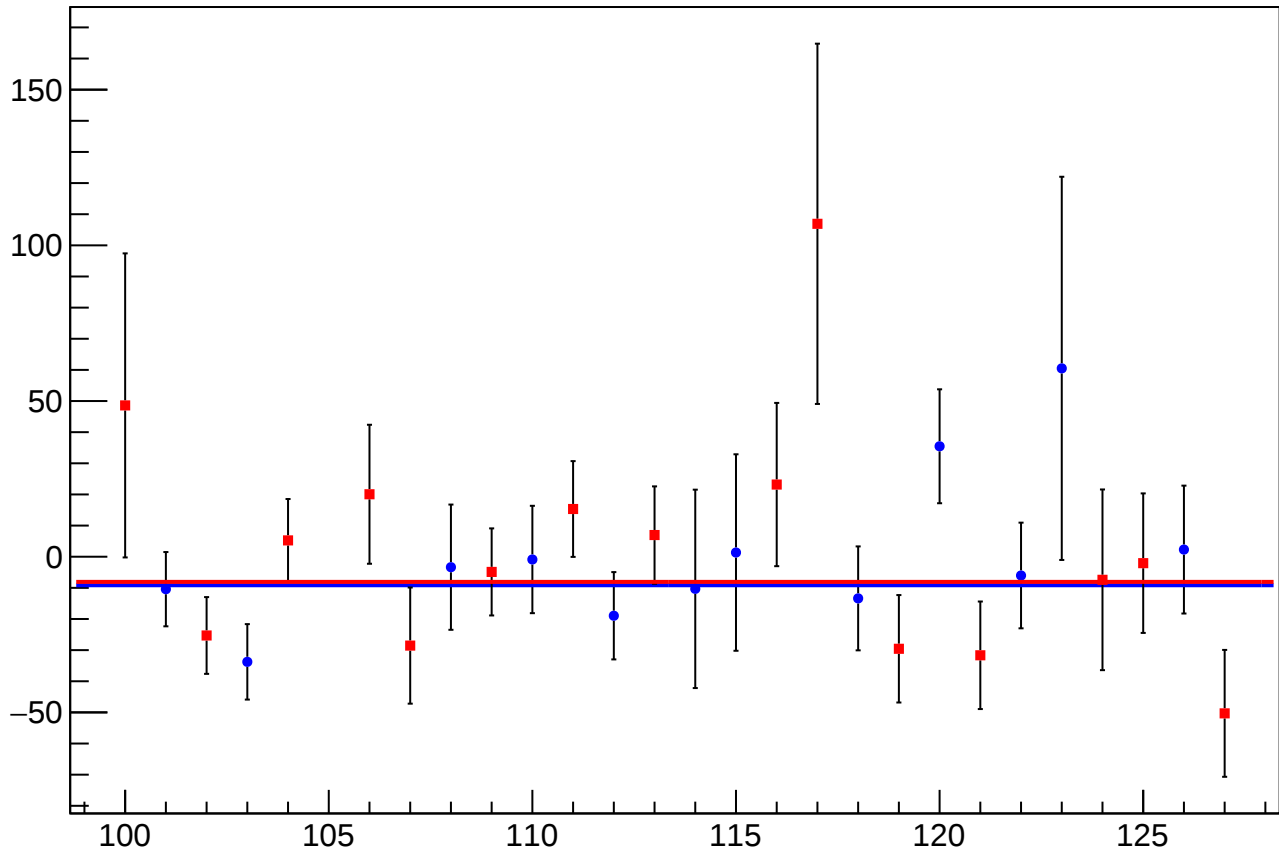
Right Out: 166.323+/-0.056 χ^2/NDF : 1376462.9/14

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

180.949+/-0.066 χ^2/NDF : 782531.1/11

166.323+/-0.056 χ^2/NDF : 1376462.9/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -9.165+/-5.036 χ^2/NDF : 12.7/11

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

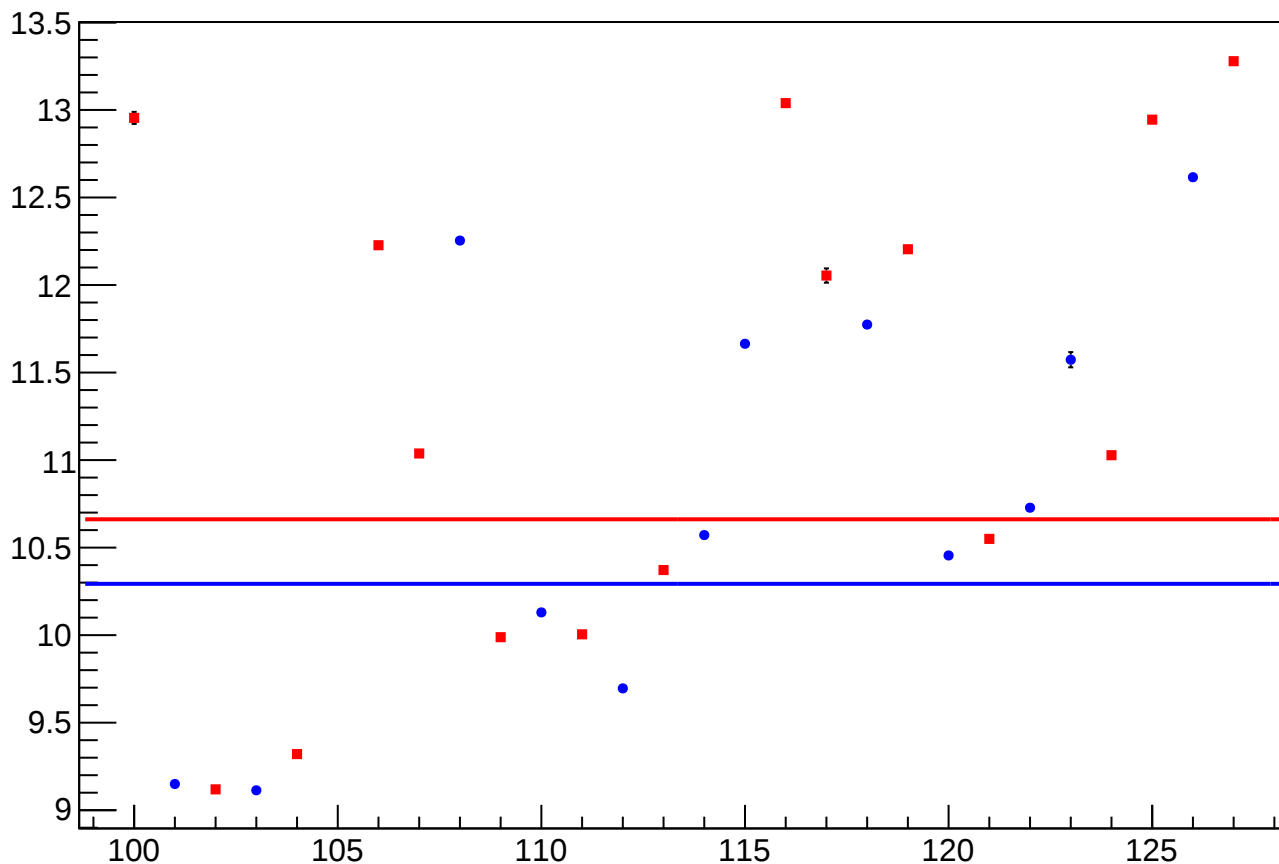
Right Out: -8.079+/-4.712 χ^2/NDF : 23.5/14

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

-9.165+/-5.036 χ^2/NDF : 12.7/11

-8.079+/-4.712 χ^2/NDF : 23.5/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.293+/-0.004 χ^2/NDF : 107738.6/11

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

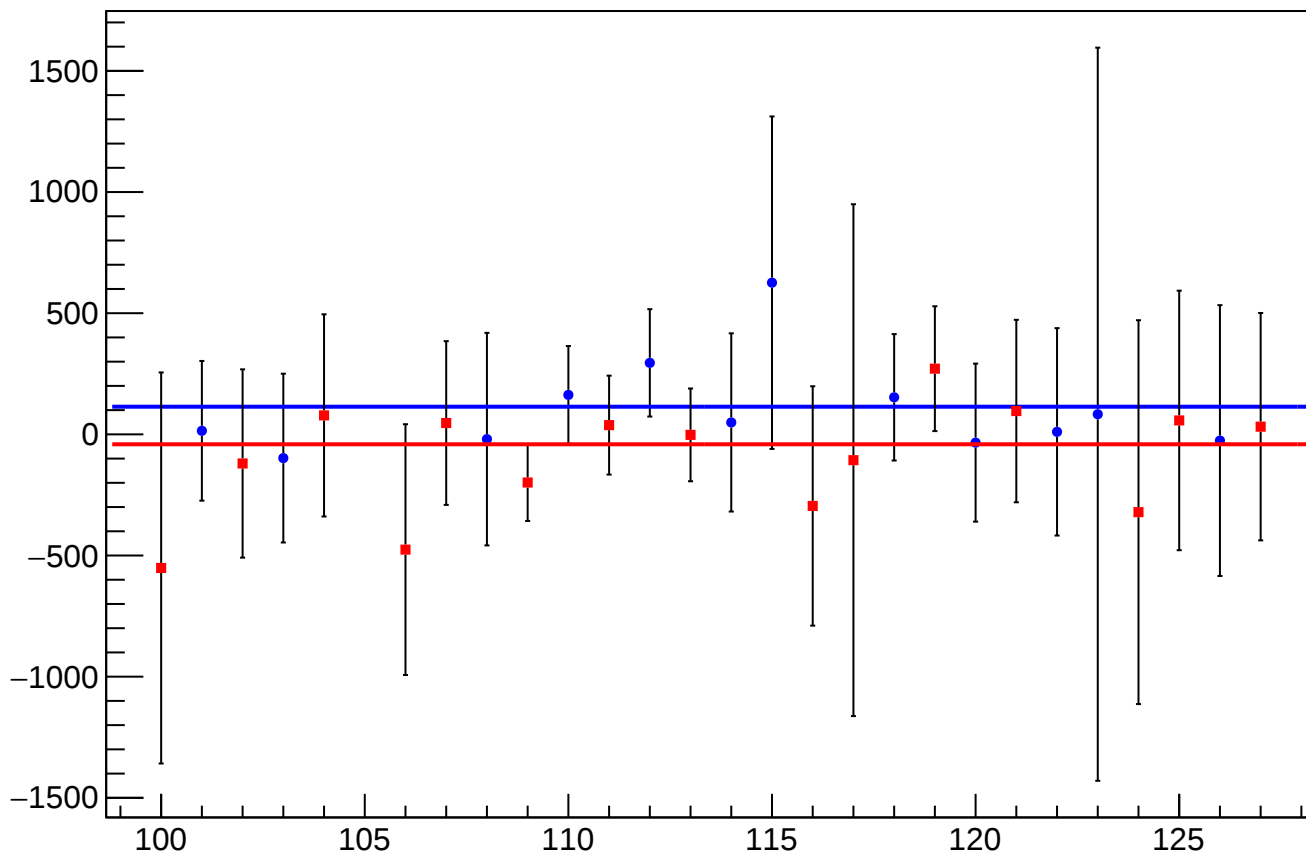
Right Out: 10.662+/-0.003 χ^2/NDF : 163461.9/14

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

10.293+/-0.004 χ^2/NDF : 107738.6/11

10.662+/-0.003 χ^2/NDF : 163461.9/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 114.102+/-94.011 χ^2/NDF : 2.2/11

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

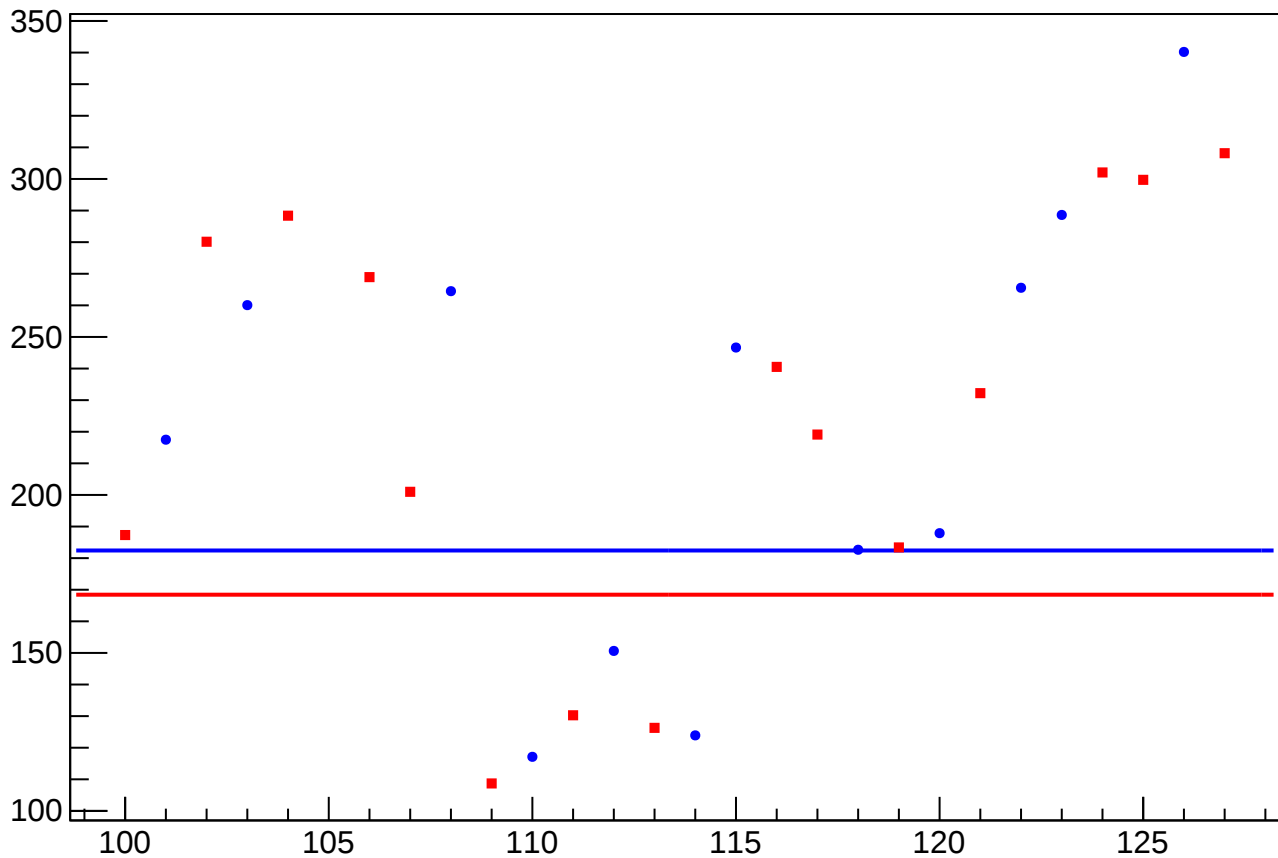
Right Out: -40.935+/-80.534 χ^2/NDF : 4.5/14

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

114.102+/-94.011 χ^2/NDF : 2.2/11

-40.935+/-80.534 χ^2/NDF : 4.5/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 182.420+/-0.066 χ^2/NDF : 763341.8/11

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

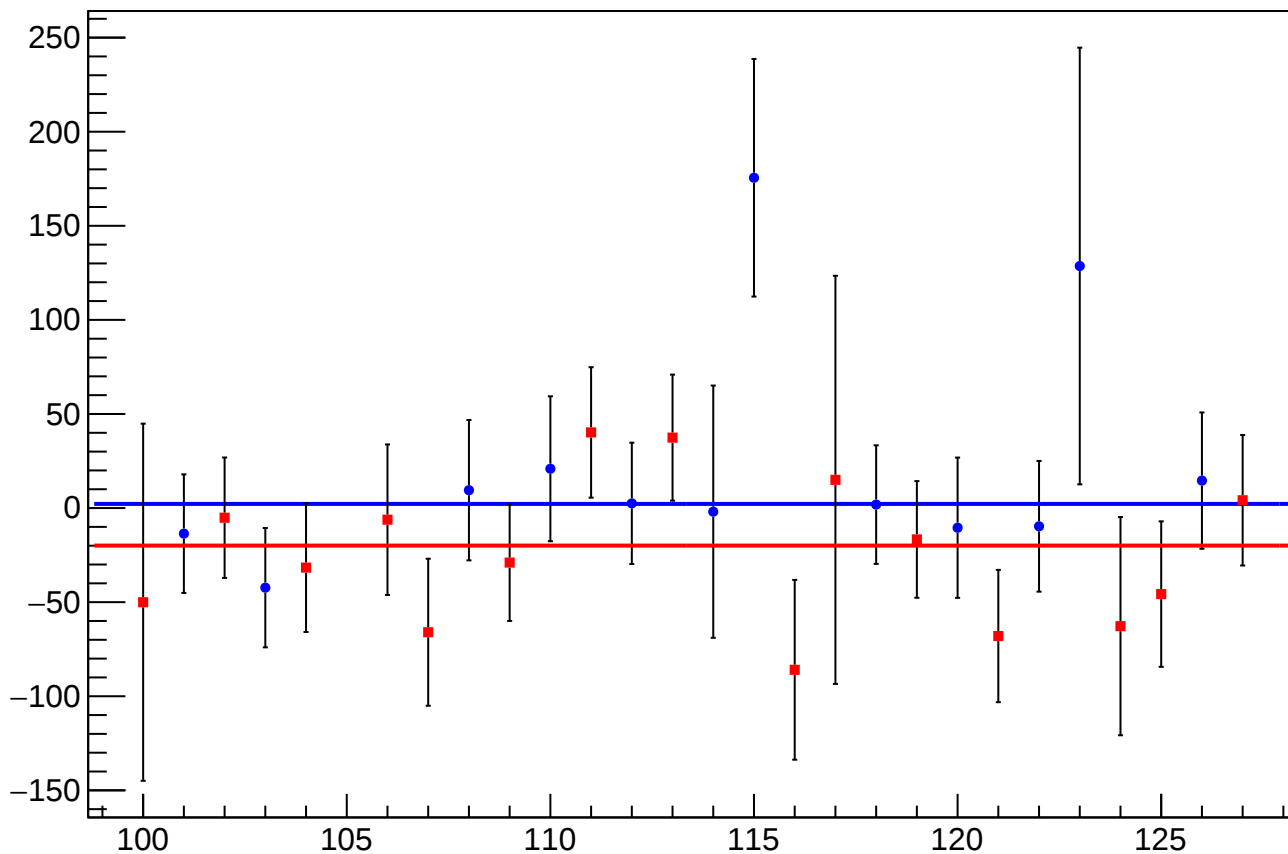
Right Out: 168.429+/-0.057 χ^2/NDF : 1342119.8/14

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

182.420+/-0.066 χ^2/NDF : 763341.8/11

168.429+/-0.057 χ^2/NDF : 1342119.8/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: 2.206 $\pm$ 11.027 χ^2 /NDF: 11.6/11

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

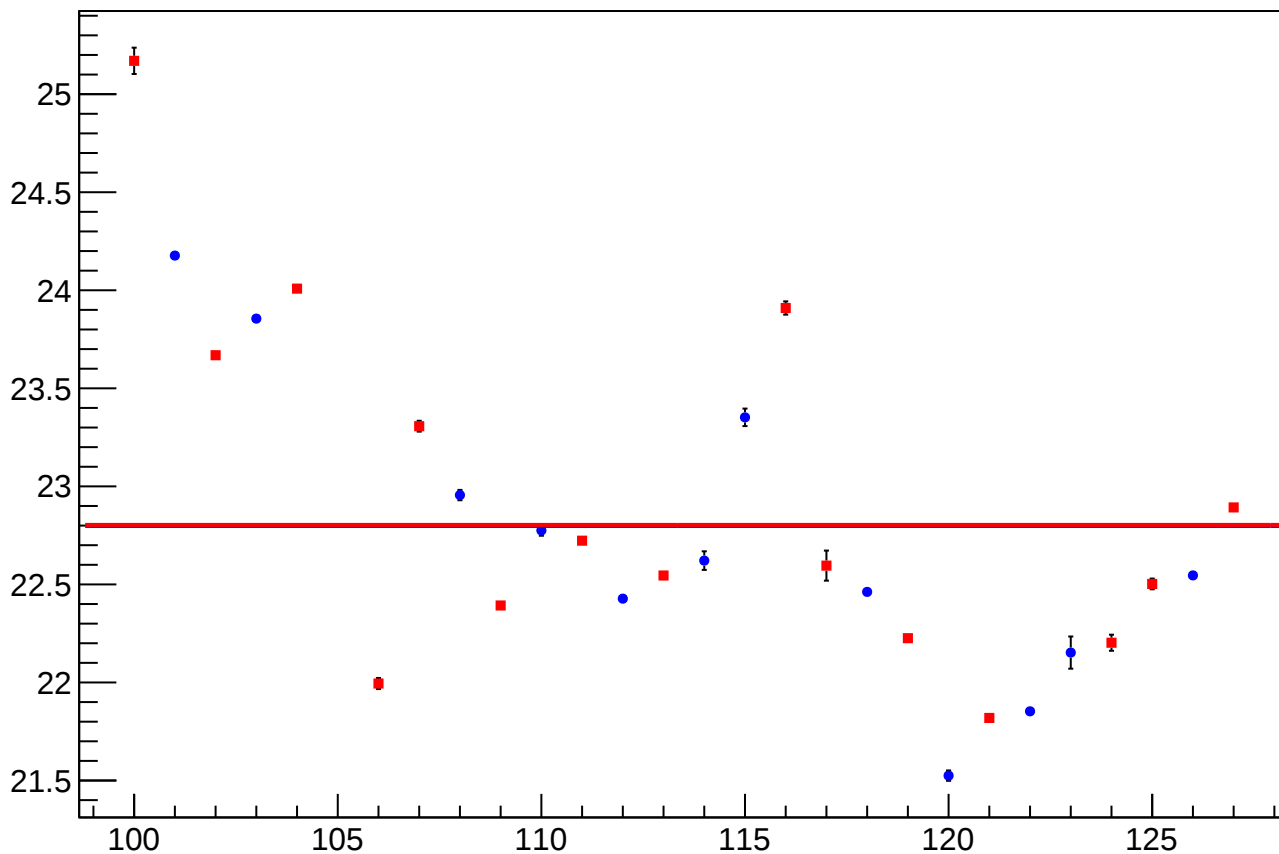
Right Out: -19.939 $\pm$ 9.922 χ^2 /NDF: 13.3/14

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

2.206 $\pm$ 11.027 χ^2 /NDF: 11.6/11

-19.939 $\pm$ 9.922 χ^2 /NDF: 13.3/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.798+/-0.008 χ^2/NDF : 10725.3/11

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

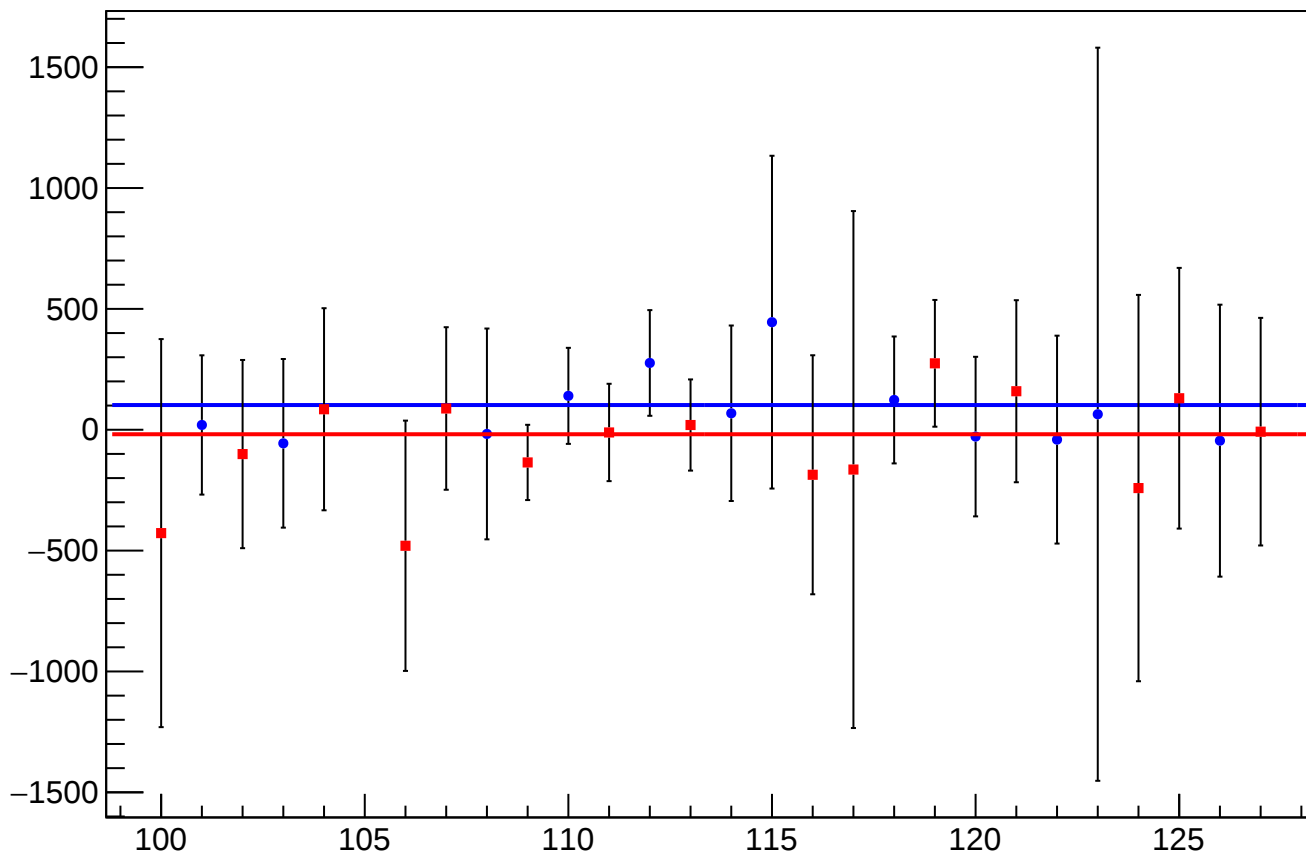
Right Out: 22.804+/-0.007 χ^2/NDF : 10509.6/14

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

22.798+/-0.008 χ^2/NDF : 10725.3/11

22.804+/-0.007 χ^2/NDF : 10509.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 102.213+/-93.590 χ^2/NDF : 1.6/11

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

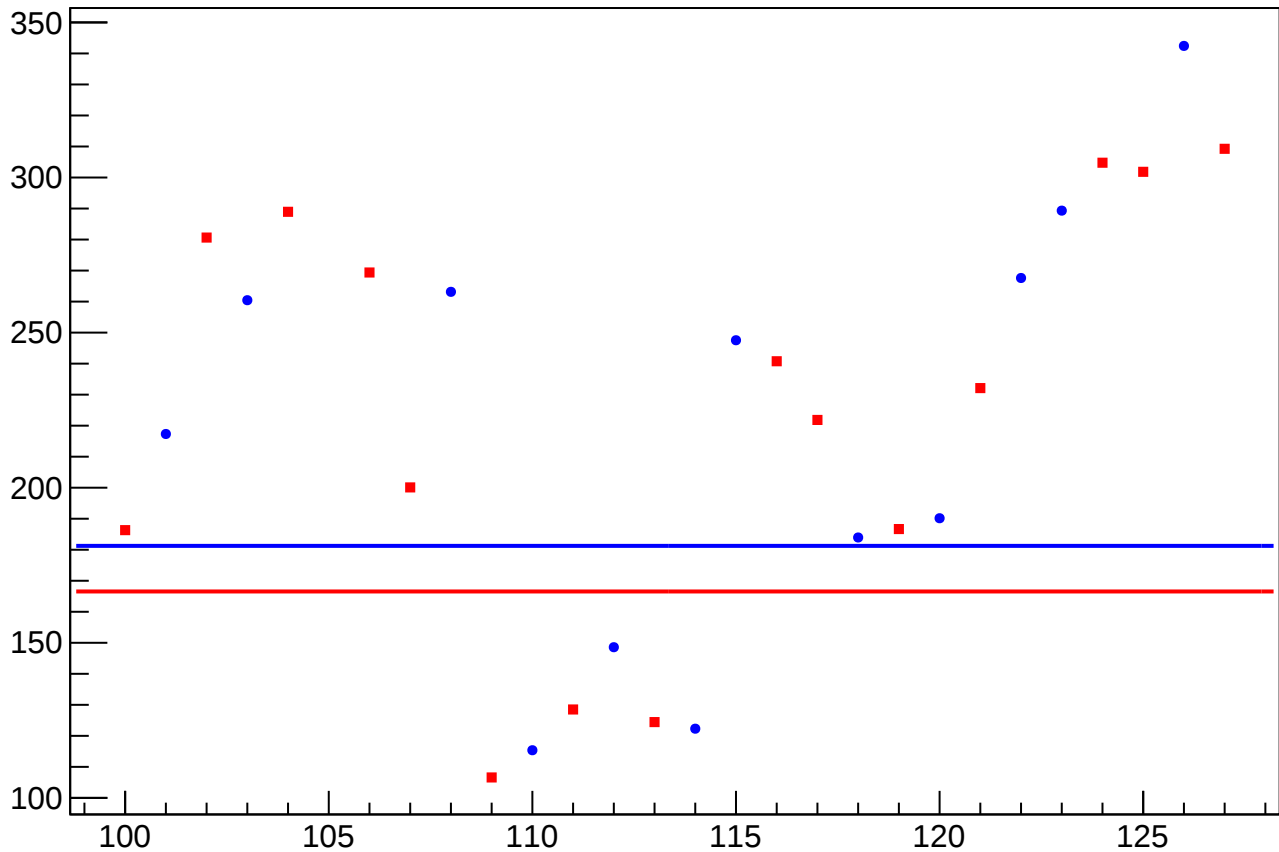
Right Out: -18.606+/-79.918 χ^2/NDF : 3.6/14

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

102.213+/-93.590 χ^2/NDF : 1.6/11

-18.606+/-79.918 χ^2/NDF : 3.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 181.249+/-0.066 χ^2/NDF : 797526.7/11

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

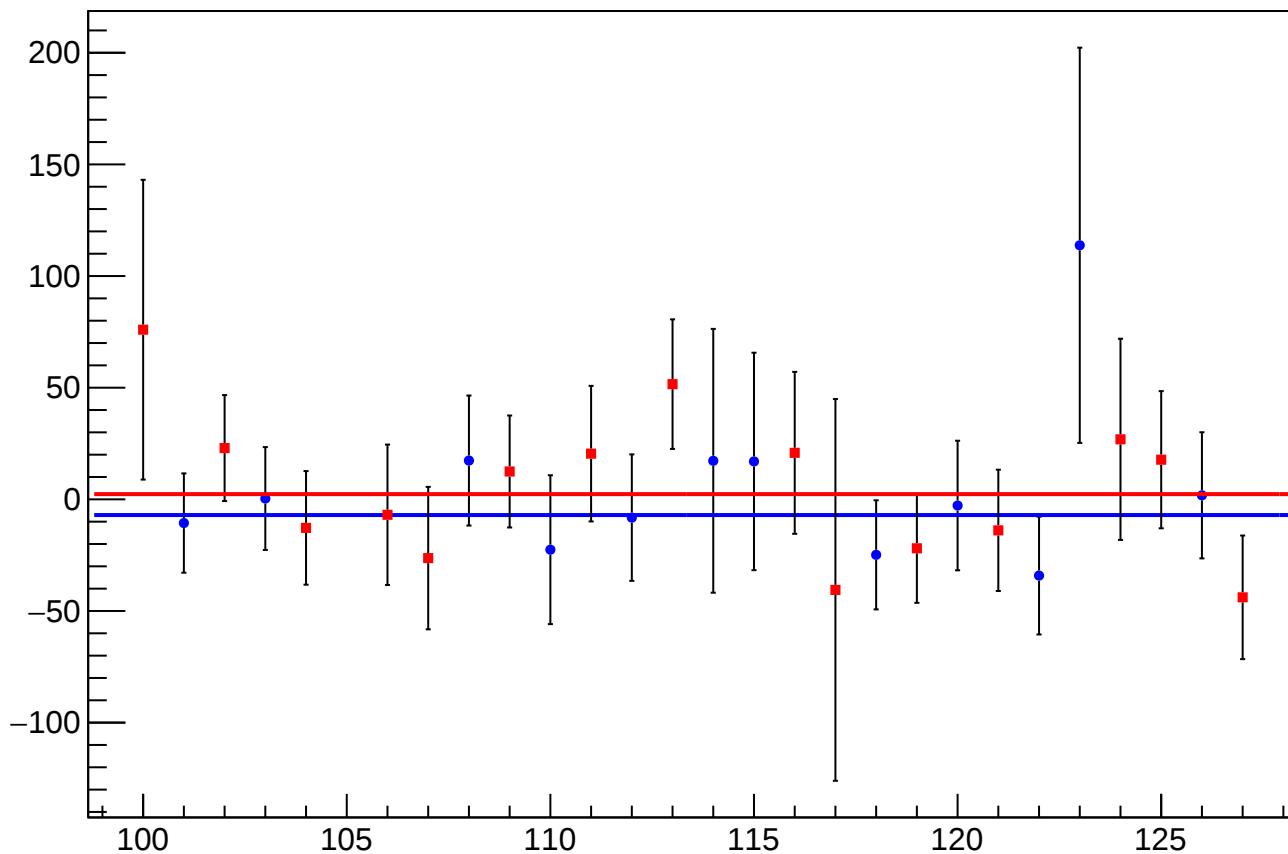
Right Out: 166.547+/-0.057 χ^2/NDF : 1403339.0/14

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

181.249+/-0.066 χ^2/NDF : 797526.7/11

166.547+/-0.057 χ^2/NDF : 1403339.0/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.039+/-8.568 χ^2/NDF : 5.0/11

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

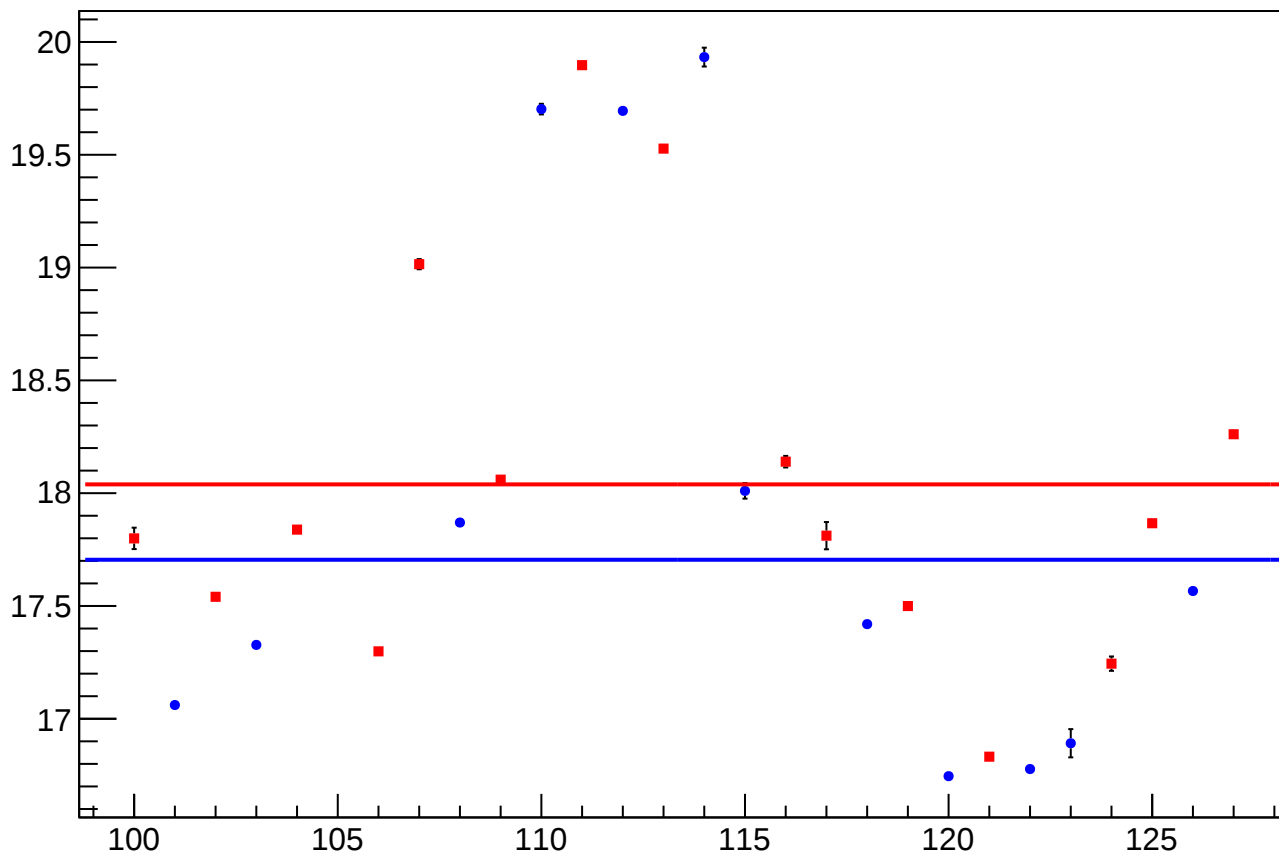
Right Out: 2.333+/-7.859 χ^2/NDF : 11.8/14

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

-7.039+/-8.568 χ^2/NDF : 5.0/11

2.333+/-7.859 χ^2/NDF : 11.8/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.705+/-0.006 χ^2/NDF : 27408.3/11

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

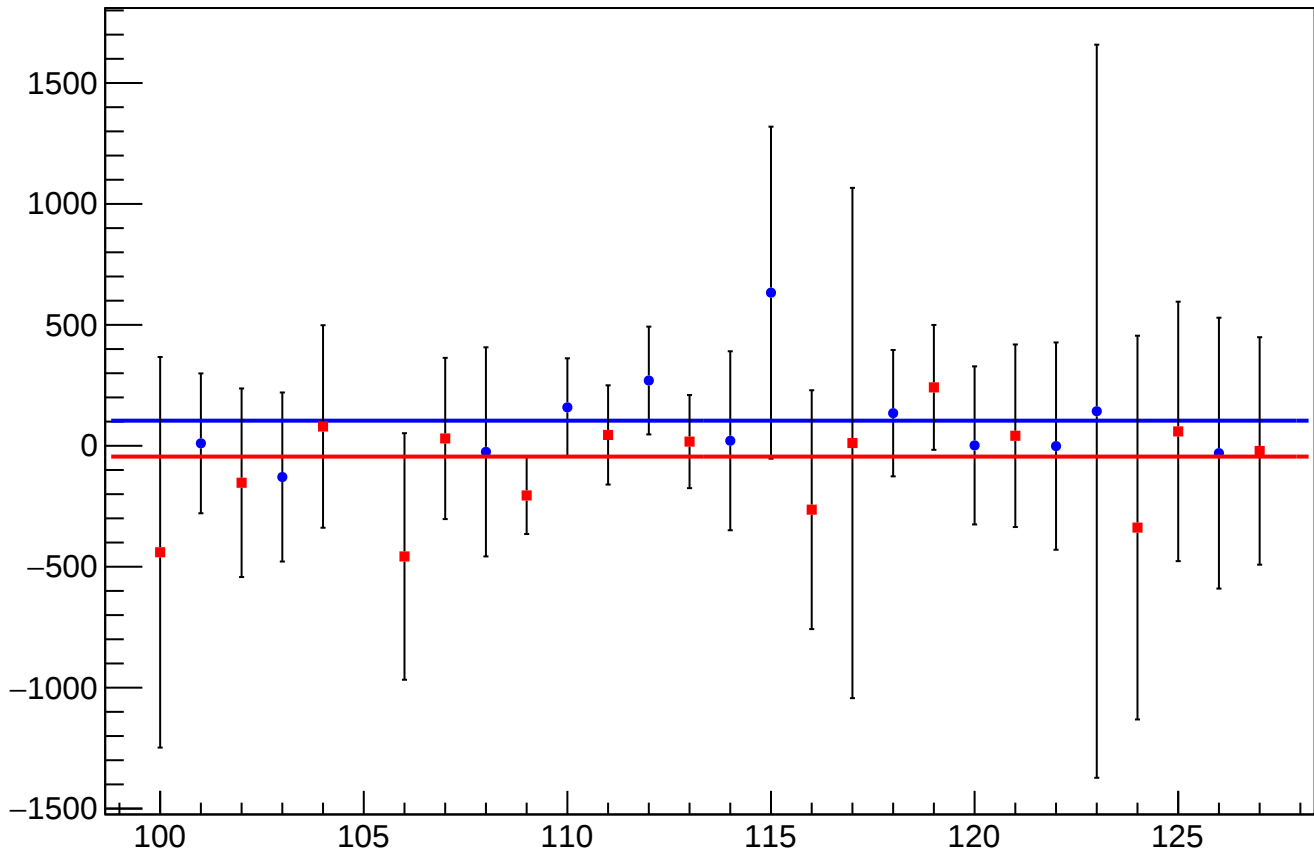
Right Out: 18.039+/-0.006 χ^2/NDF : 22538.7/14

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

17.705+/-0.006 χ^2/NDF : 27408.3/11

18.039+/-0.006 χ^2/NDF : 22538.7/14

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



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

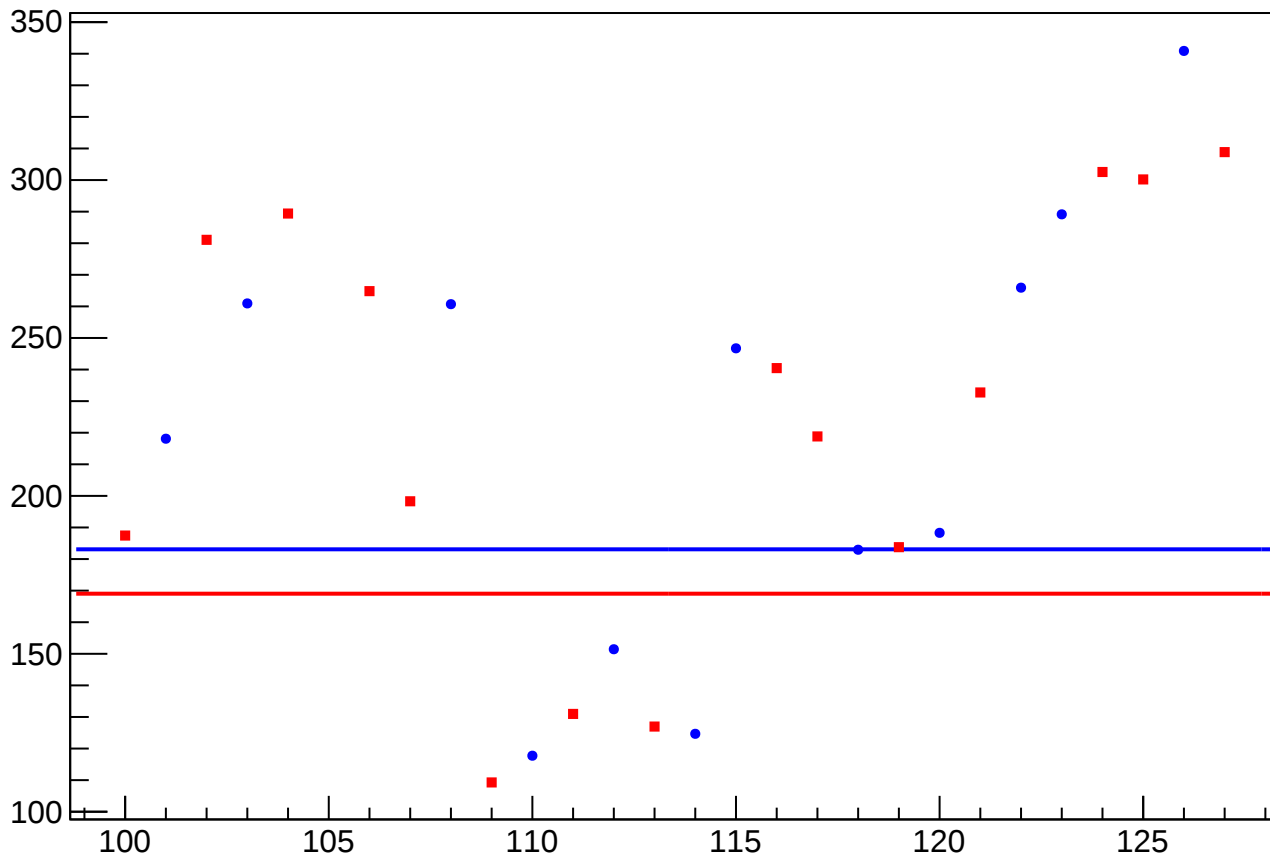
Right Out: -44.567 $\pm$ 80.747 χ^2 /NDF: 4.1/14

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

103.865 $\pm$ 94.284 χ^2 /NDF: 2.1/11

-44.567 $\pm$ 80.747 χ^2 /NDF: 4.1/14

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 183.084+/-0.067 χ^2/NDF : 752139.6/11

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

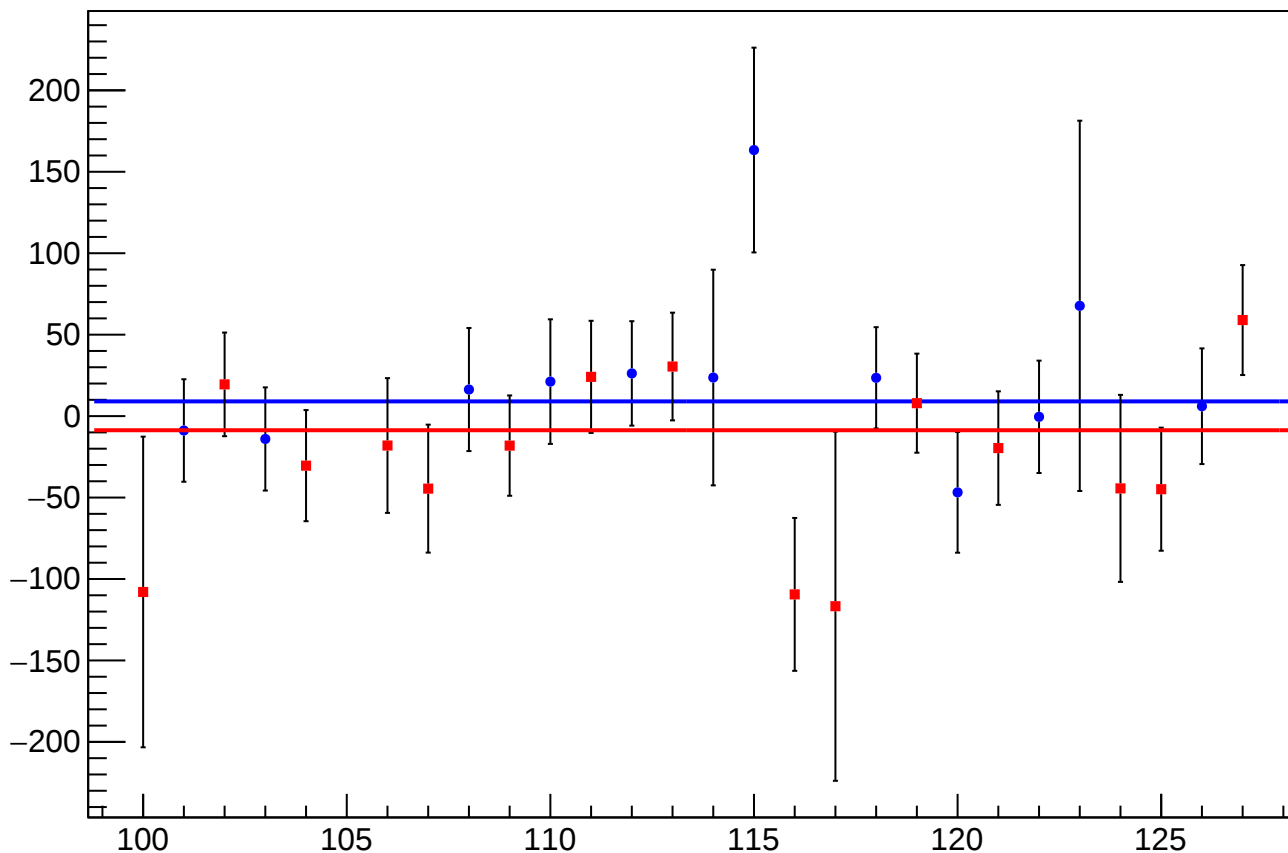
Right Out: 169.033+/-0.057 χ^2/NDF : 1325844.0/14

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

183.084+/-0.067 χ^2/NDF : 752139.6/11

169.033+/-0.057 χ^2/NDF : 1325844.0/14

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 9.038+/-10.964 χ^2/NDF : 10.2/11

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

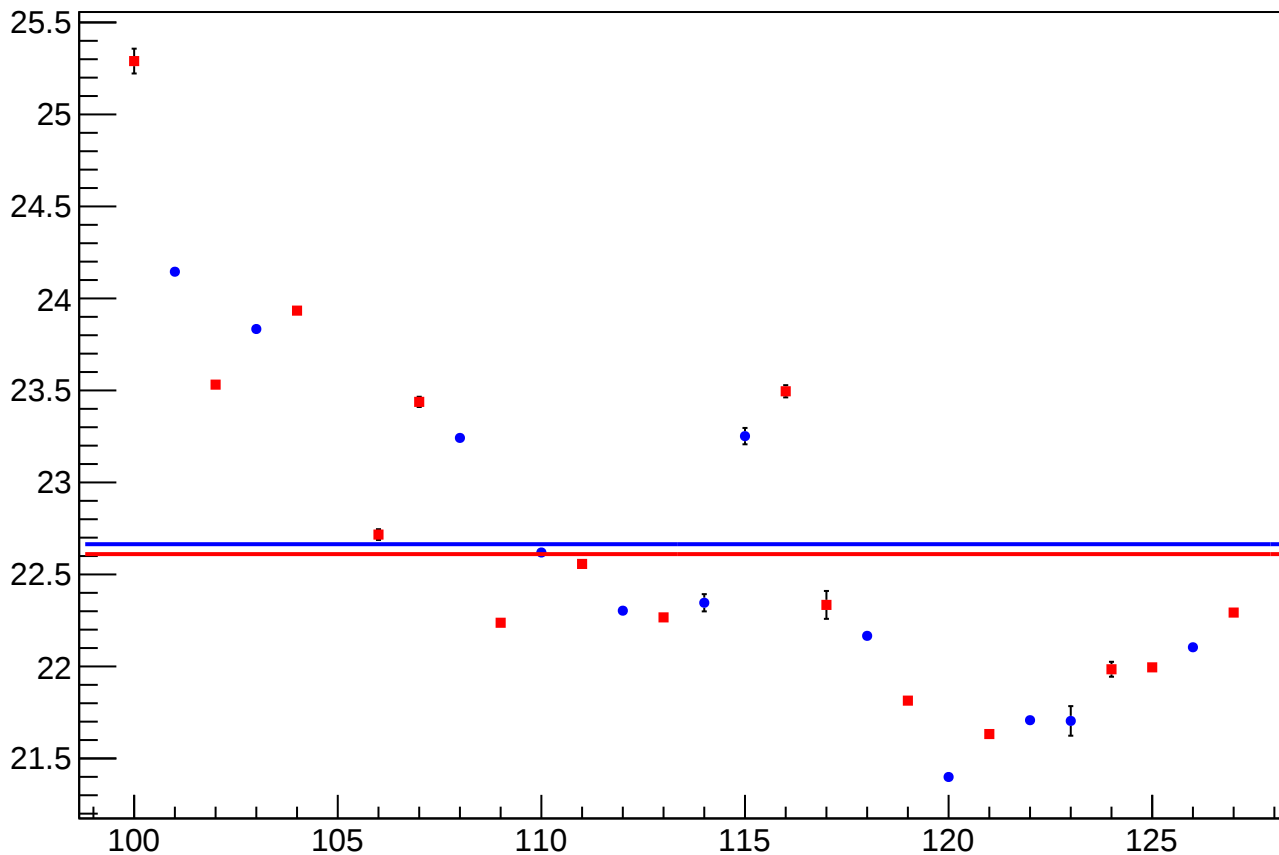
Right Out: -8.673+/-9.838 χ^2/NDF : 16.9/14

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

9.038+/-10.964 χ^2/NDF : 10.2/11

-8.673+/-9.838 χ^2/NDF : 16.9/14

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.664+/-0.008 χ^2/NDF : 13124.9/11

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

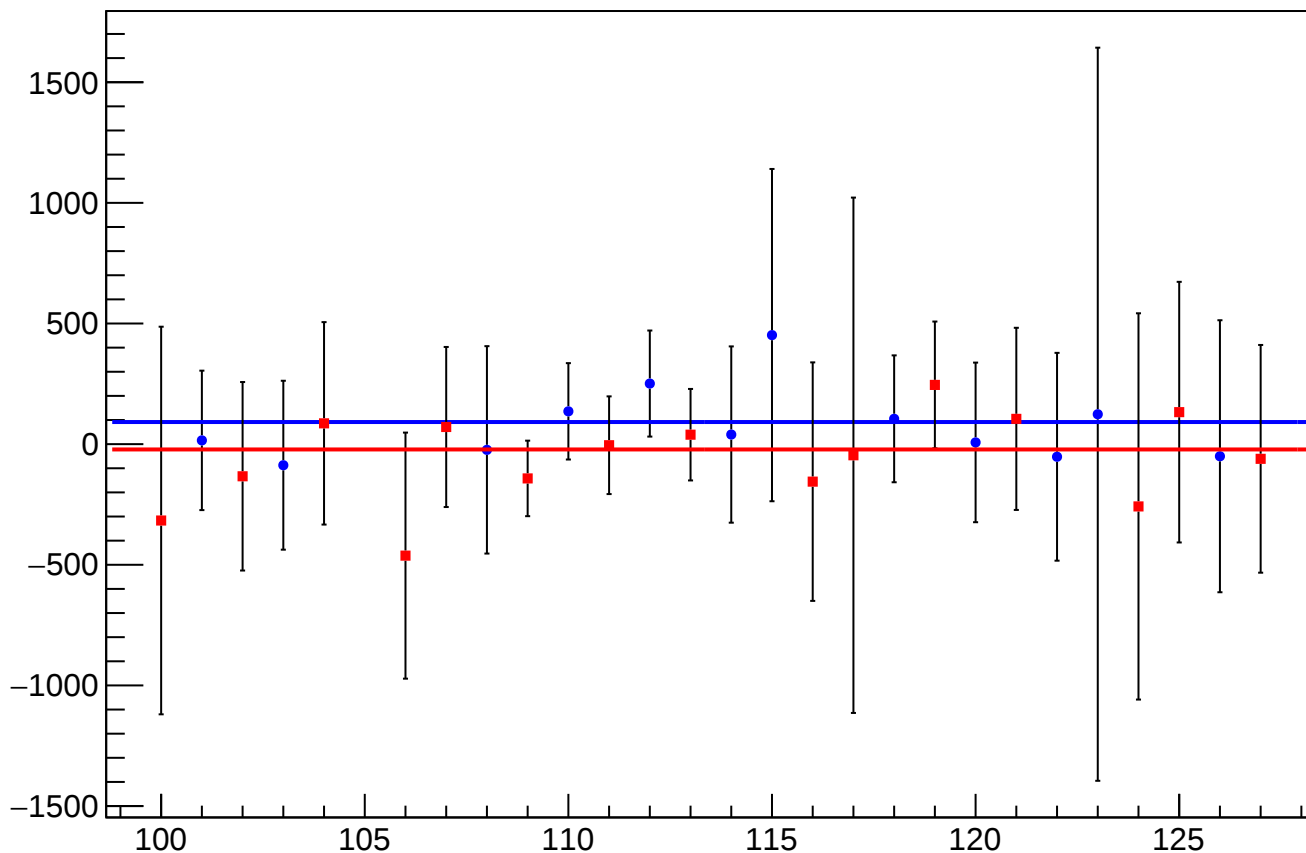
Right Out: 22.610+/-0.007 χ^2/NDF : 12296.3/14

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

22.664+/-0.008 χ^2/NDF : 13124.9/11

22.610+/-0.007 χ^2/NDF : 12296.3/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 91.640+/-93.866 χ^2/NDF : 1.5/11

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

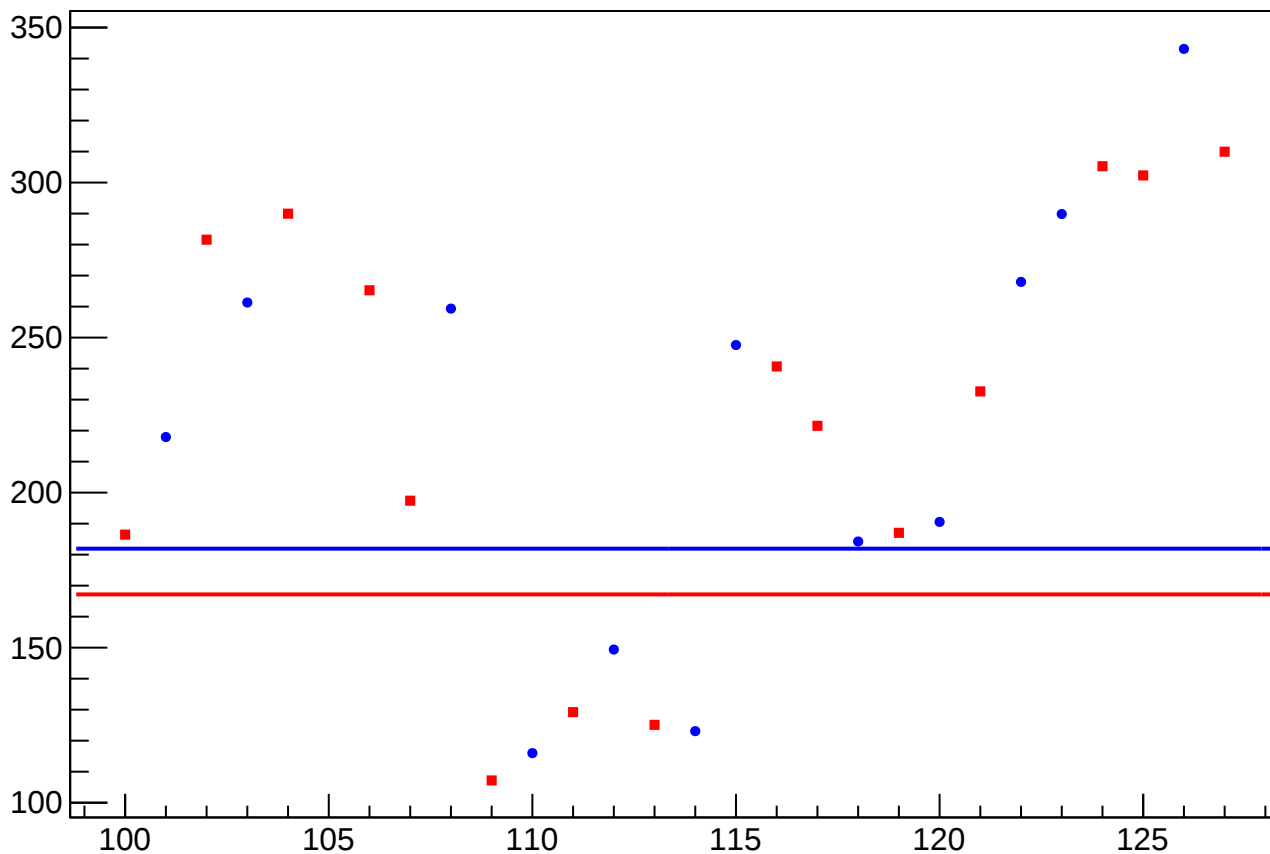
Right Out: -22.029+/-80.137 χ^2/NDF : 3.2/14

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

91.640+/-93.866 χ^2/NDF : 1.5/11

-22.029+/-80.137 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 181.925+/-0.066 χ^2/NDF : 785802.9/11

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

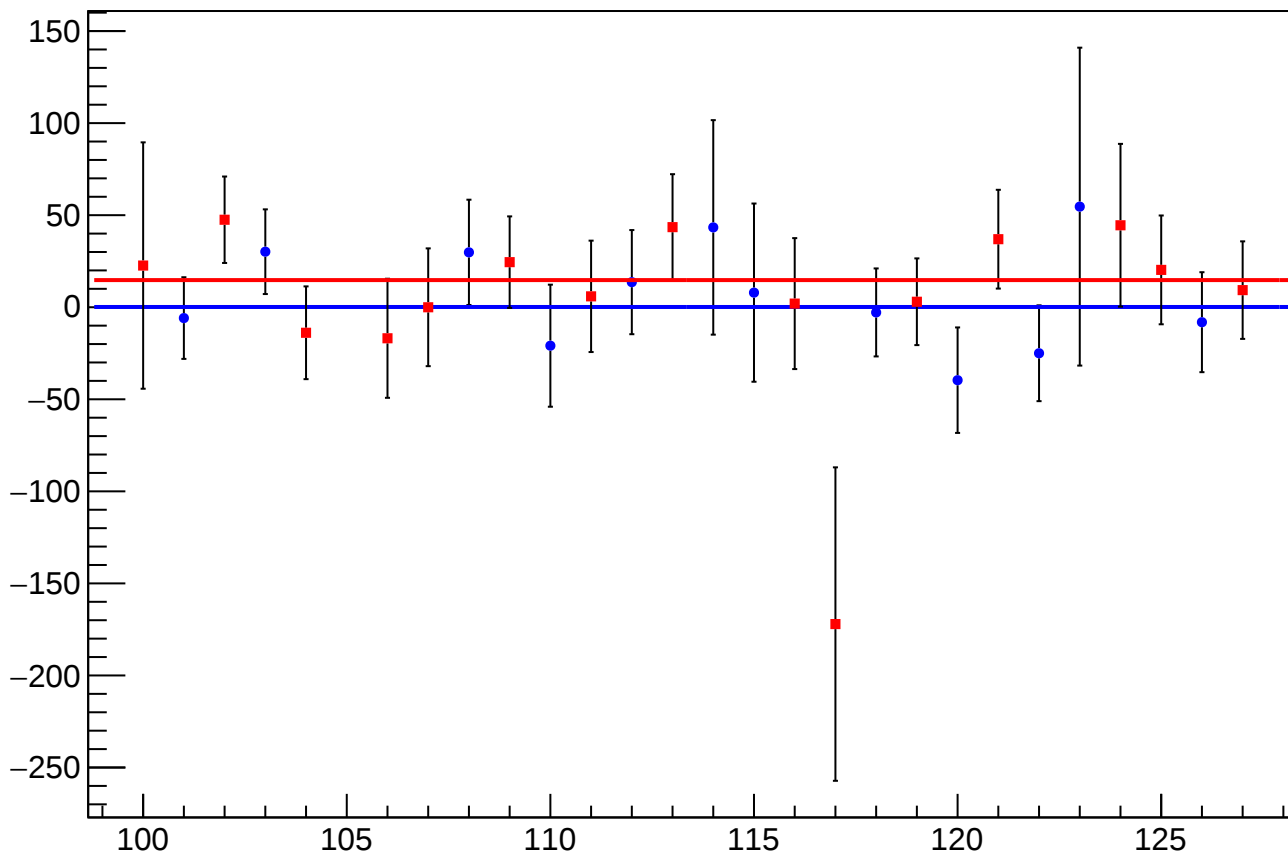
Right Out: 167.168+/-0.057 χ^2/NDF : 1386333.0/14

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

181.925+/-0.066 χ^2/NDF : 785802.9/11

167.168+/-0.057 χ^2/NDF : 1386333.0/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.136+/-8.461 χ^2/NDF : 7.4/11

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

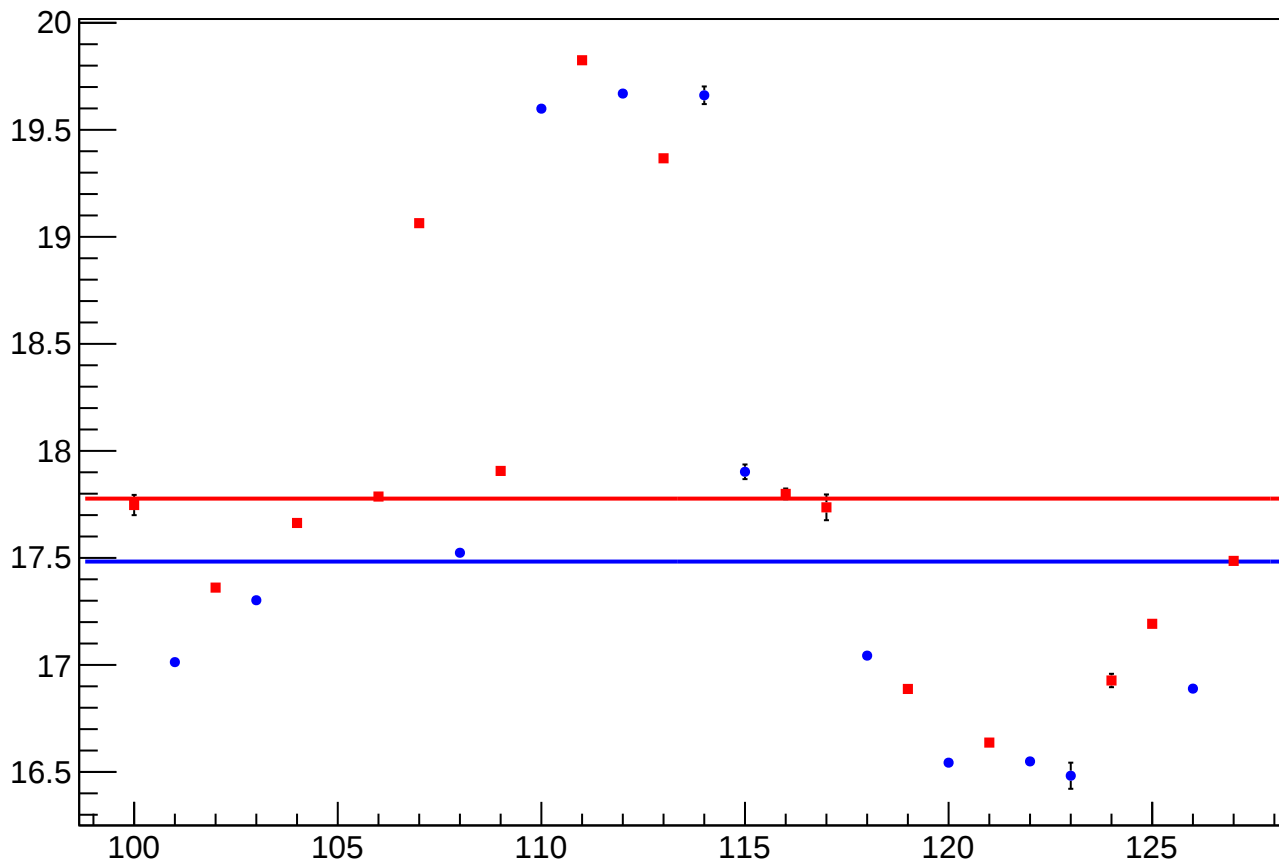
Right Out: 14.740+/-7.745 χ^2/NDF : 12.1/14

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

0.136+/-8.461 χ^2/NDF : 7.4/11

14.740+/-7.745 χ^2/NDF : 12.1/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.483+/-0.006 χ^2/NDF : 30704.2/11

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

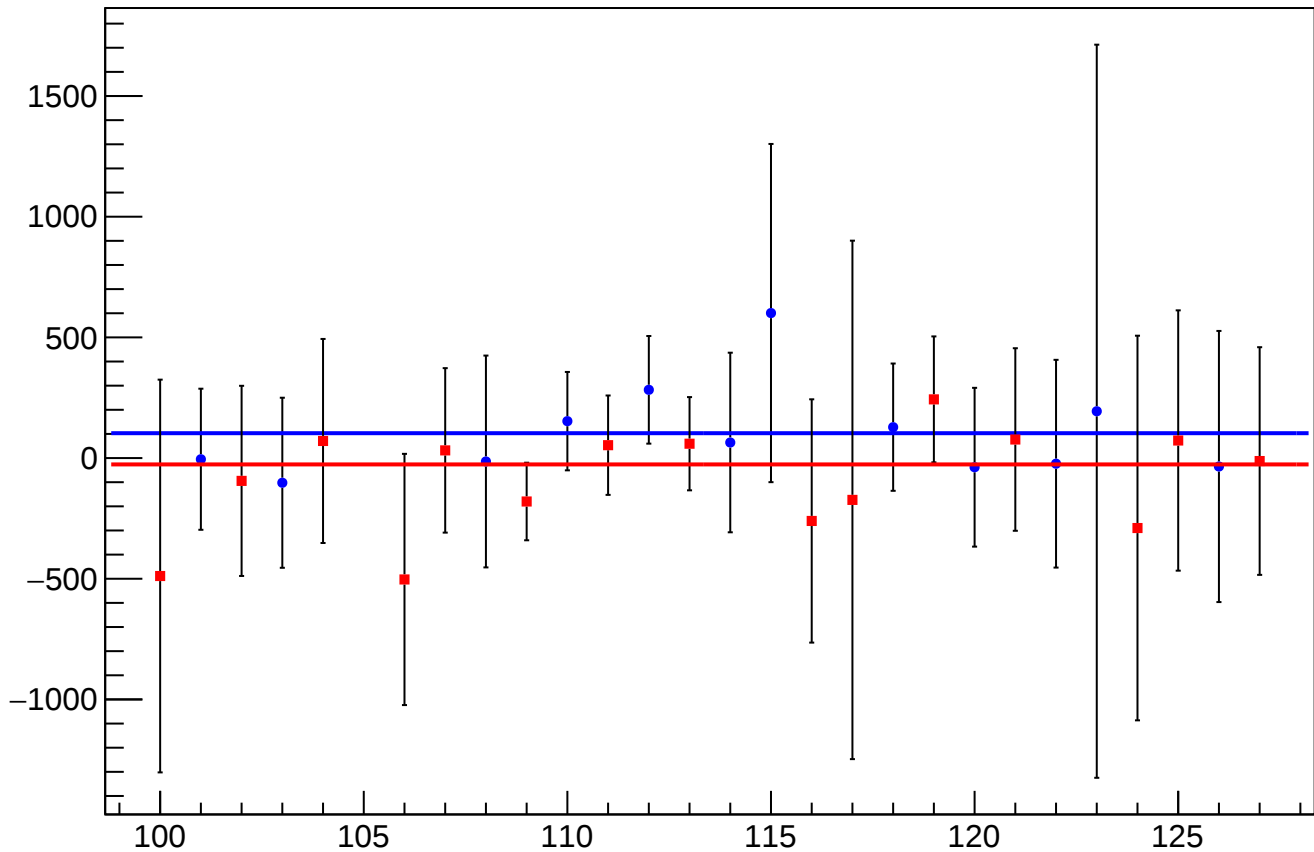
Right Out: 17.777+/-0.005 χ^2/NDF : 27467.3/14

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

17.483+/-0.006 χ^2/NDF : 30704.2/11

17.777+/-0.005 χ^2/NDF : 27467.3/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 103.056+/-94.903 χ^2/NDF : 2.1/11

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

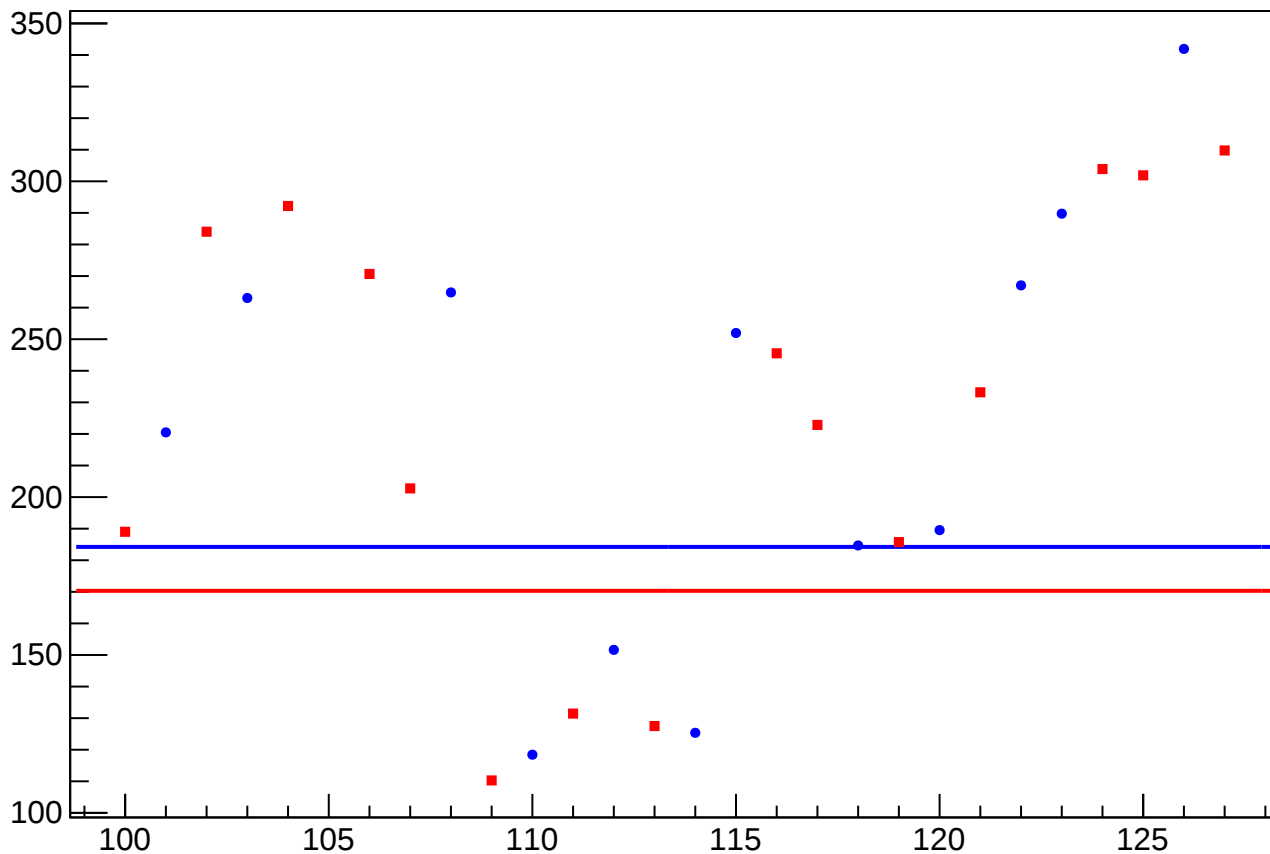
Right Out: -26.317+/-81.386 χ^2/NDF : 4.1/14

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

103.056+/-94.903 χ^2/NDF : 2.1/11

-26.317+/-81.386 χ^2/NDF : 4.1/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 184.226+/-0.067 χ^2/NDF : 760221.3/11

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

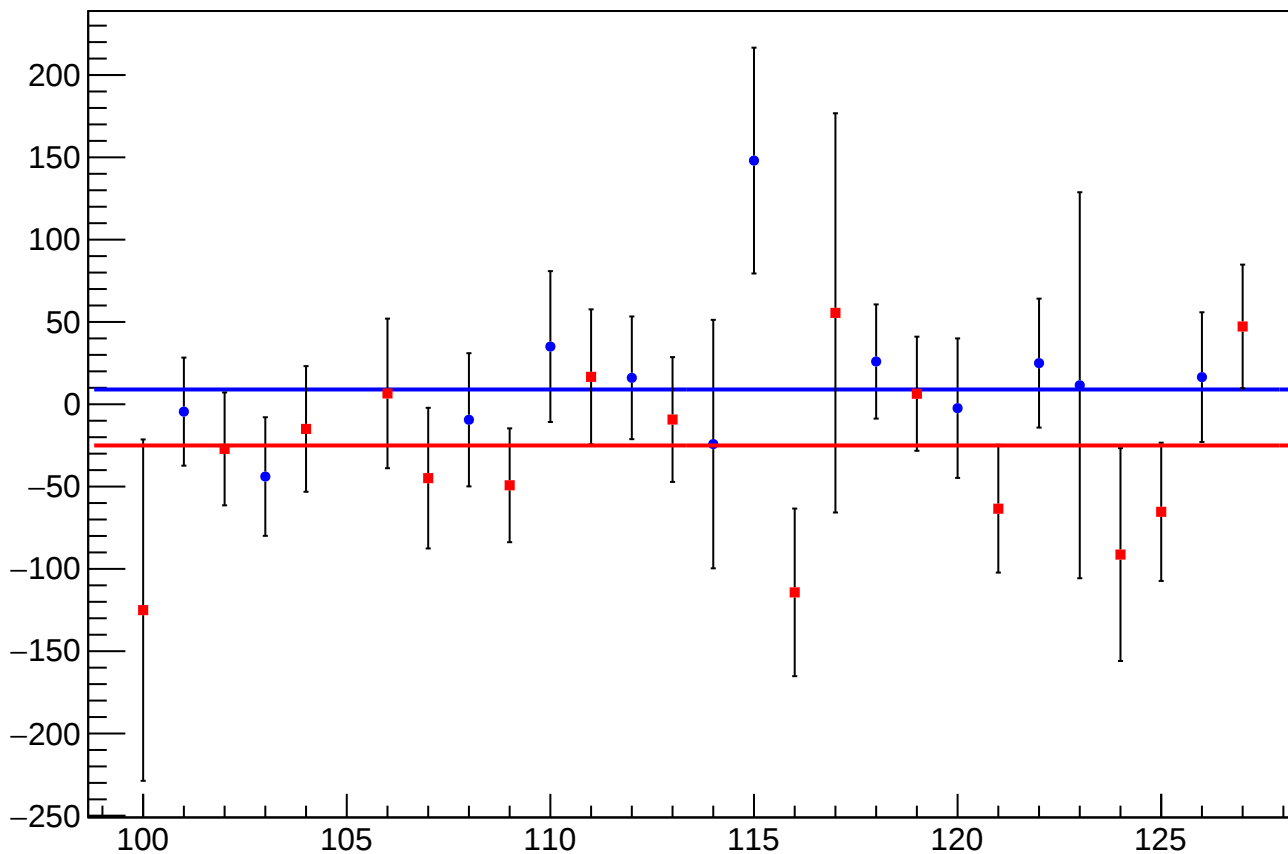
Right Out: 170.327+/-0.058 χ^2/NDF : 1336990.2/14

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

184.226+/-0.067 χ^2/NDF : 760221.3/11

170.327+/-0.058 χ^2/NDF : 1336990.2/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 8.981+/-12.261 χ^2 /NDF: 7.7/11

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

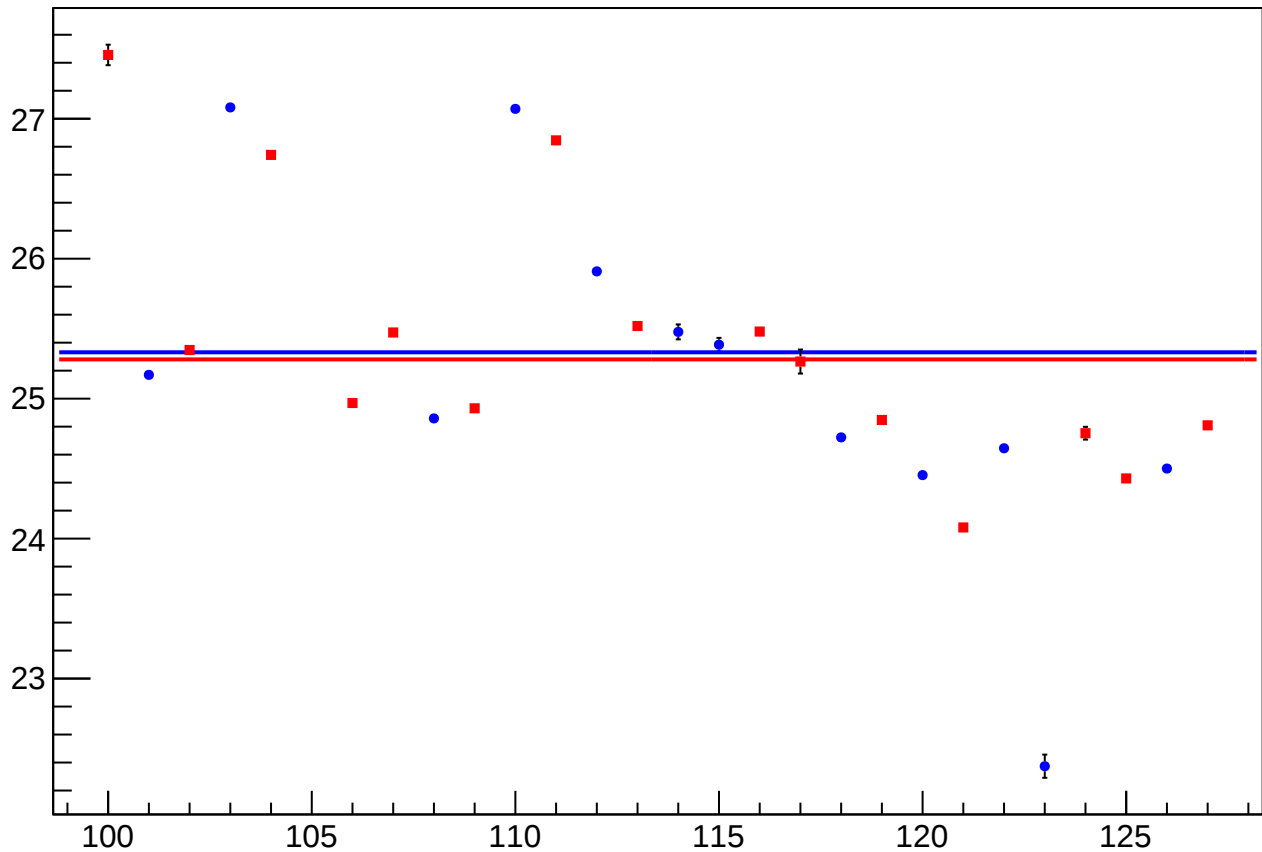
Right Out: -25.029+/-11.006 χ^2 /NDF: 14.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

8.981+/-12.261 χ^2 /NDF: 7.7/11

-25.029+/-11.006 χ^2 /NDF: 14.4/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.331+/-0.009 χ^2/NDF : 12659.6/11

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

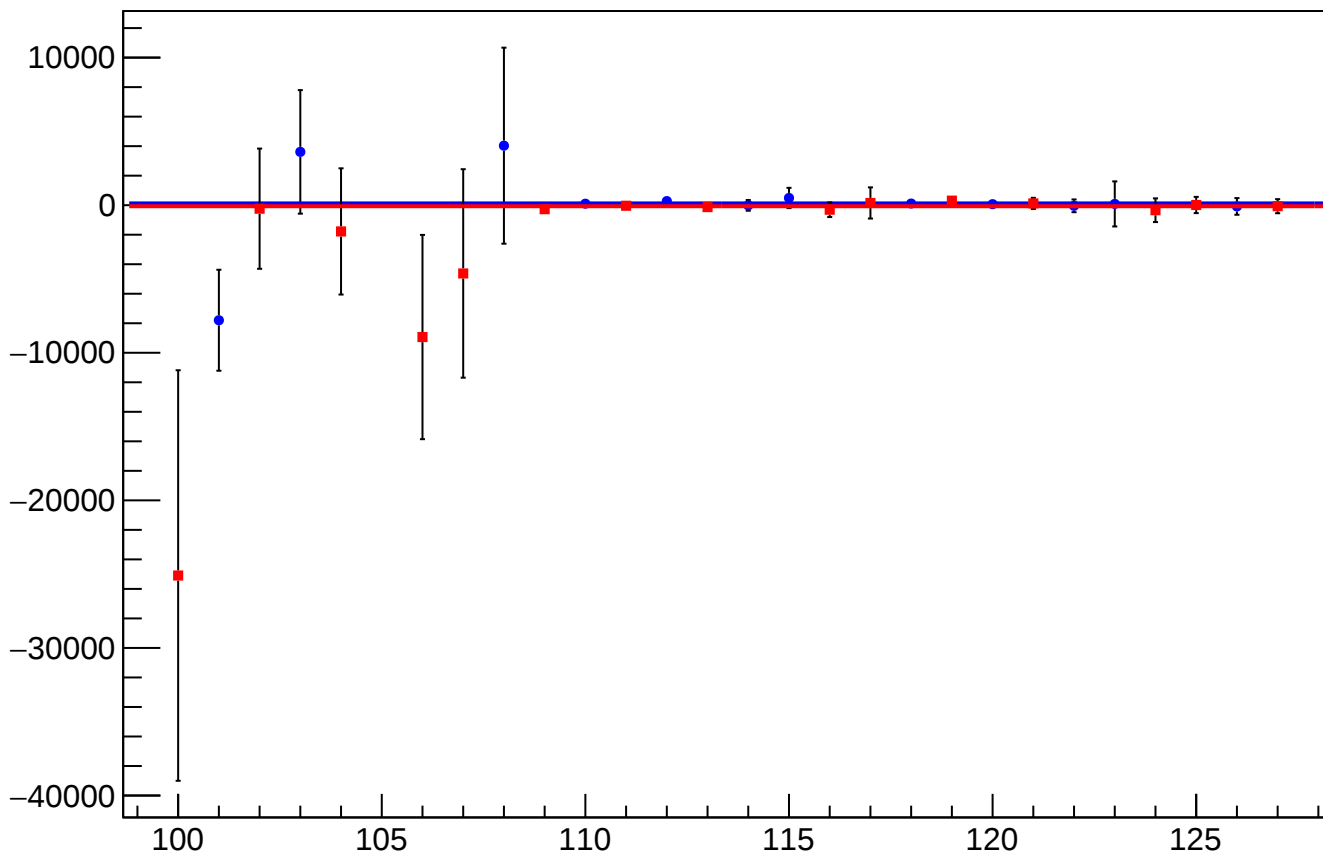
Right Out: 25.280+/-0.008 χ^2/NDF : 10680.1/14

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

25.331+/-0.009 χ^2/NDF : 12659.6/11

25.280+/-0.008 χ^2/NDF : 10680.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 120.515+/-107.084 χ^2/NDF : 7.6/11

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

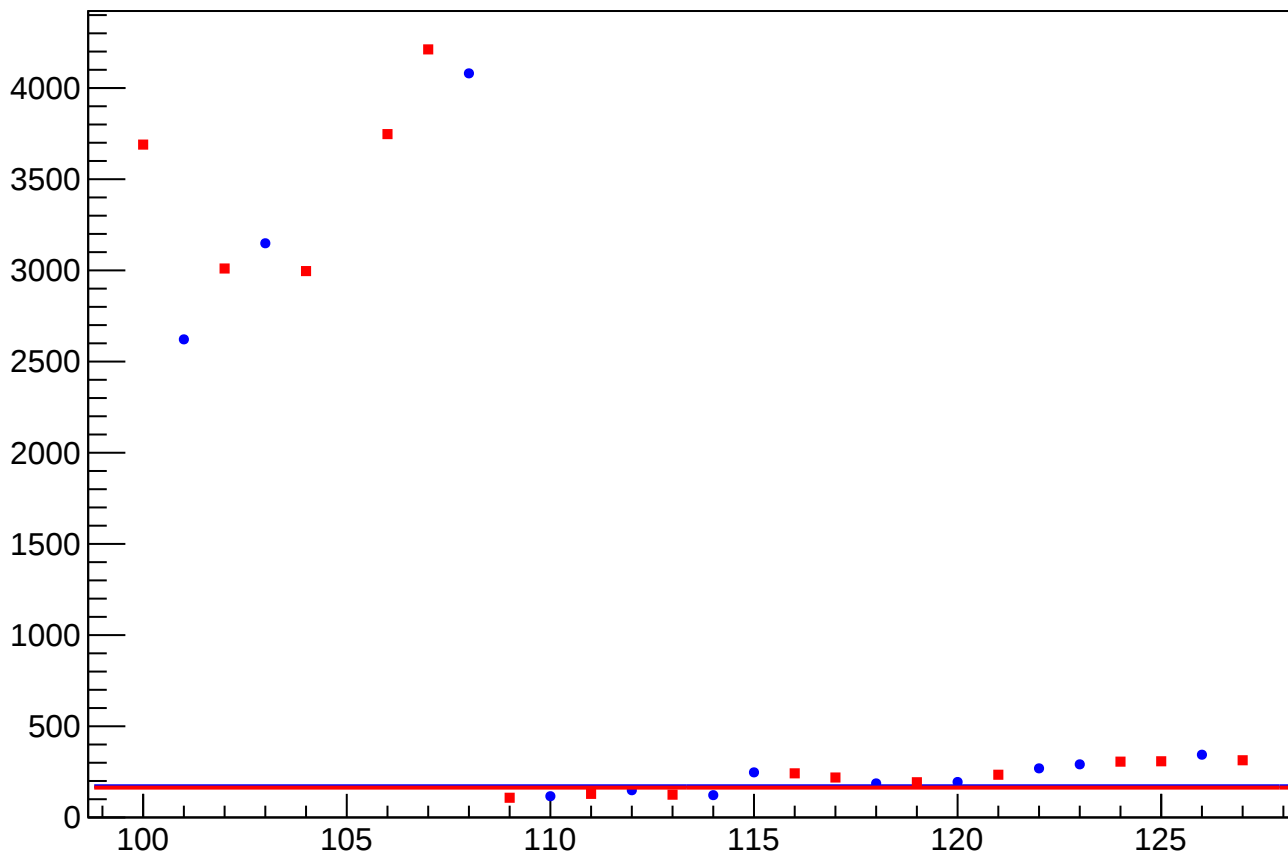
Right Out: -71.319+/-95.921 χ^2/NDF : 9.1/14

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

120.515+/-107.084 χ^2/NDF : 7.6/11

-71.319+/-95.921 χ^2/NDF : 9.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.045+/-0.076 χ^2/NDF : 3278749.4/11

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

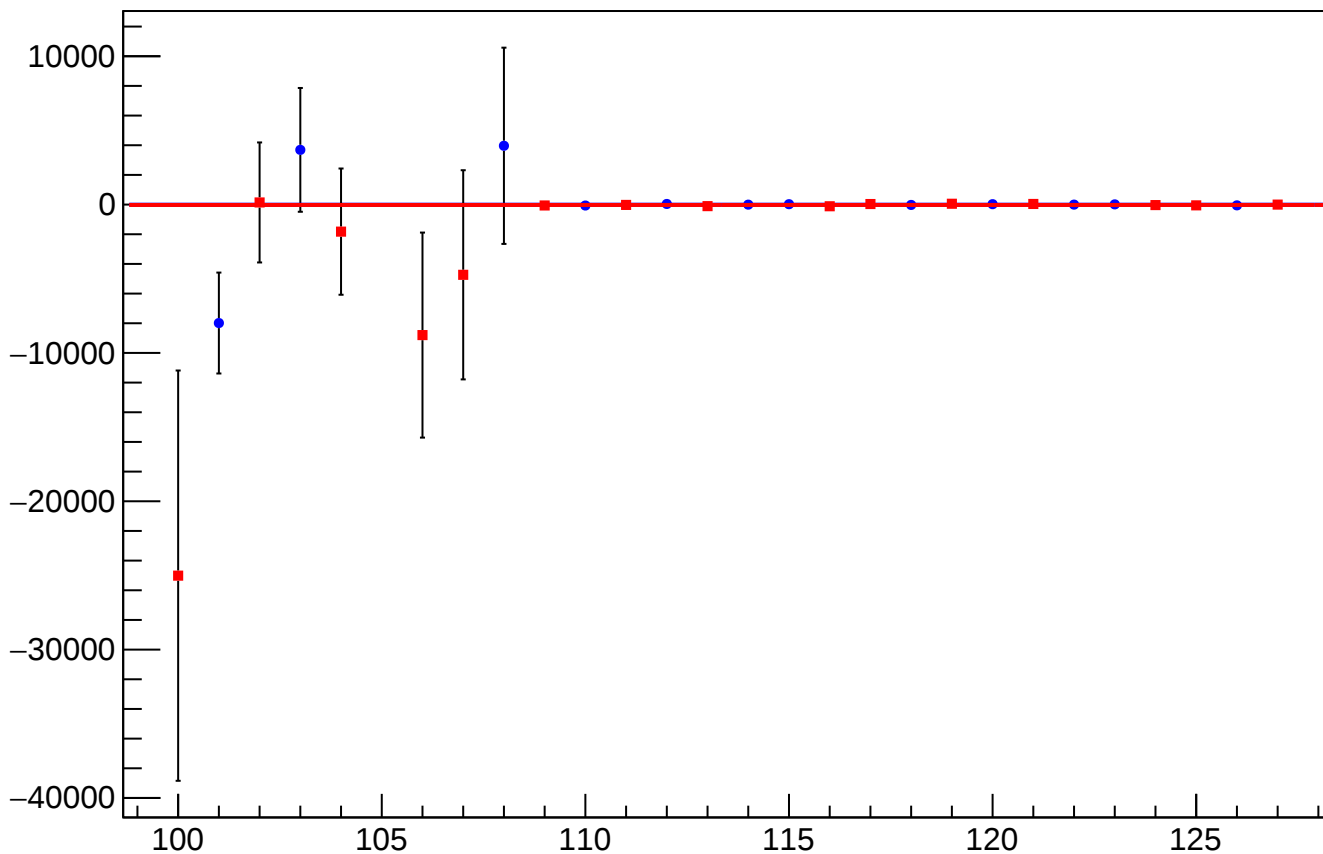
Right Out: 163.642+/-0.068 χ^2/NDF : 3996610.4/14

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

171.045+/-0.076 χ^2/NDF : 3278749.4/11

163.642+/-0.068 χ^2/NDF : 3996610.4/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -9.000+/-16.458 χ^2/NDF : 11.8/11

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

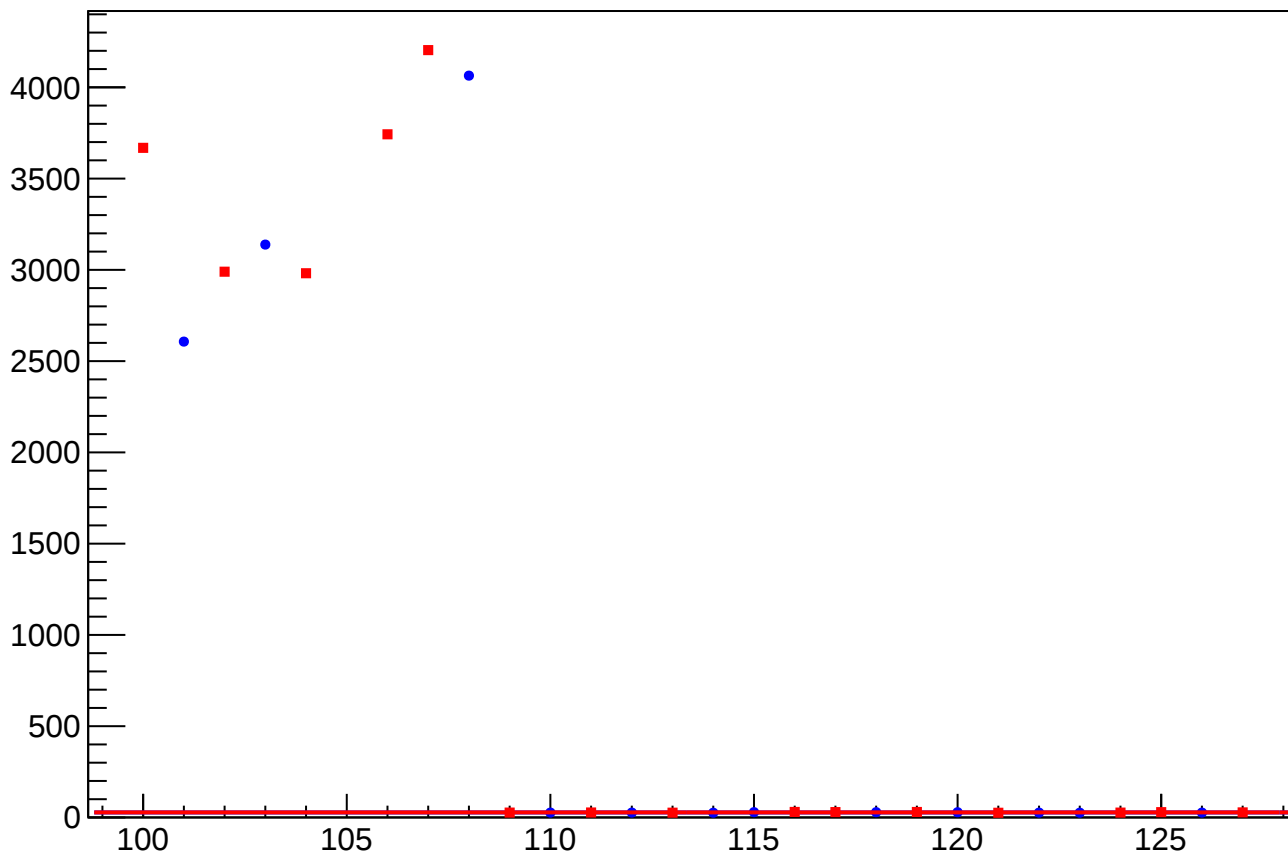
Right Out: -25.306+/-15.316 χ^2/NDF : 19.5/14

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

-9.000+/-16.458 χ^2/NDF : 11.8/11

-25.306+/-15.316 χ^2/NDF : 19.5/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.408+/-0.012 χ^2/NDF : 3016799.1/11

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

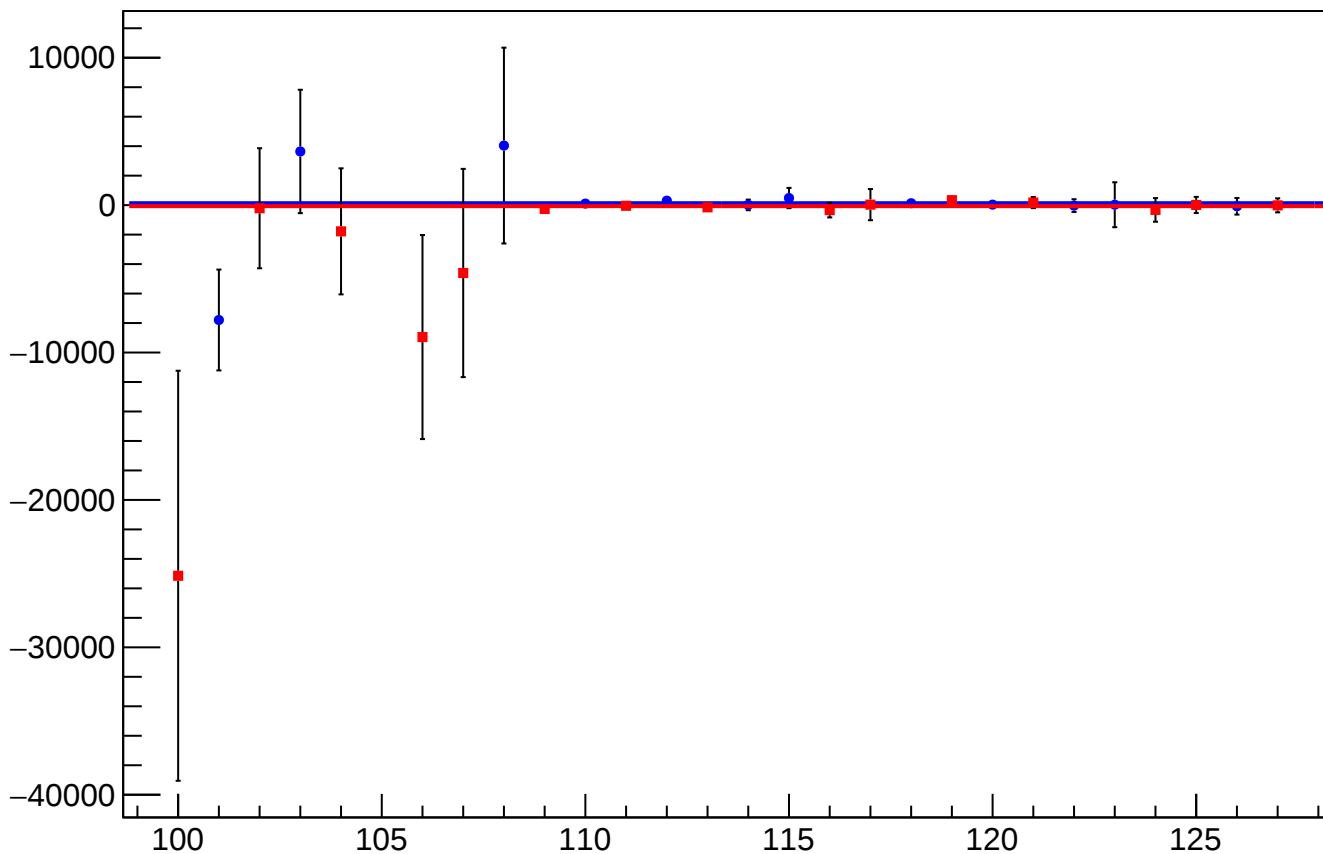
Right Out: 27.703+/-0.011 χ^2/NDF : 3475440.5/14

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

27.408+/-0.012 χ^2/NDF : 3016799.1/11

27.703+/-0.011 χ^2/NDF : 3475440.5/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 130.033+/-106.661 χ^2/NDF : 7.8/11

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

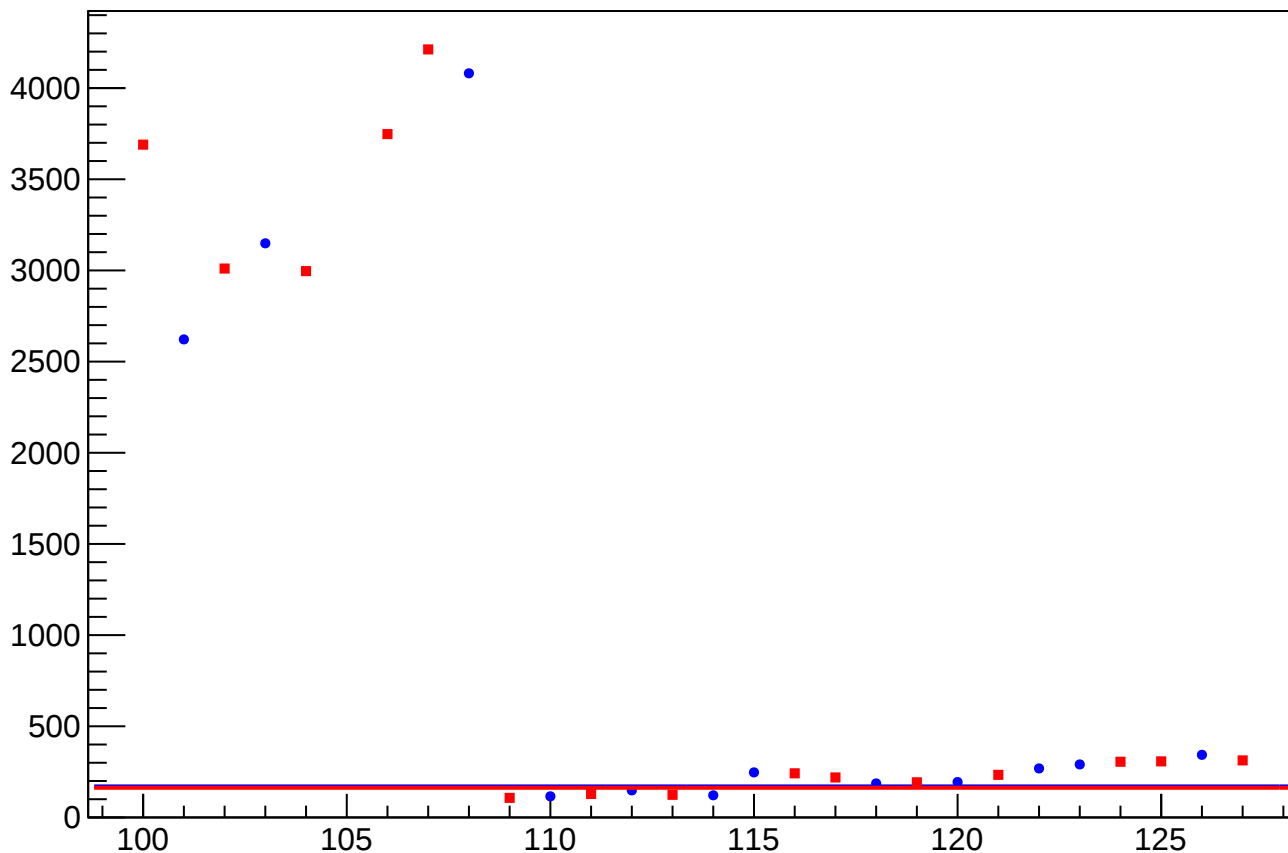
Right Out: -68.930+/-95.516 χ^2/NDF : 9.6/14

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

130.033+/-106.661 χ^2/NDF : 7.8/11

-68.930+/-95.516 χ^2/NDF : 9.6/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 170.263+/-0.075 χ^2/NDF : 3285098.6/11

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

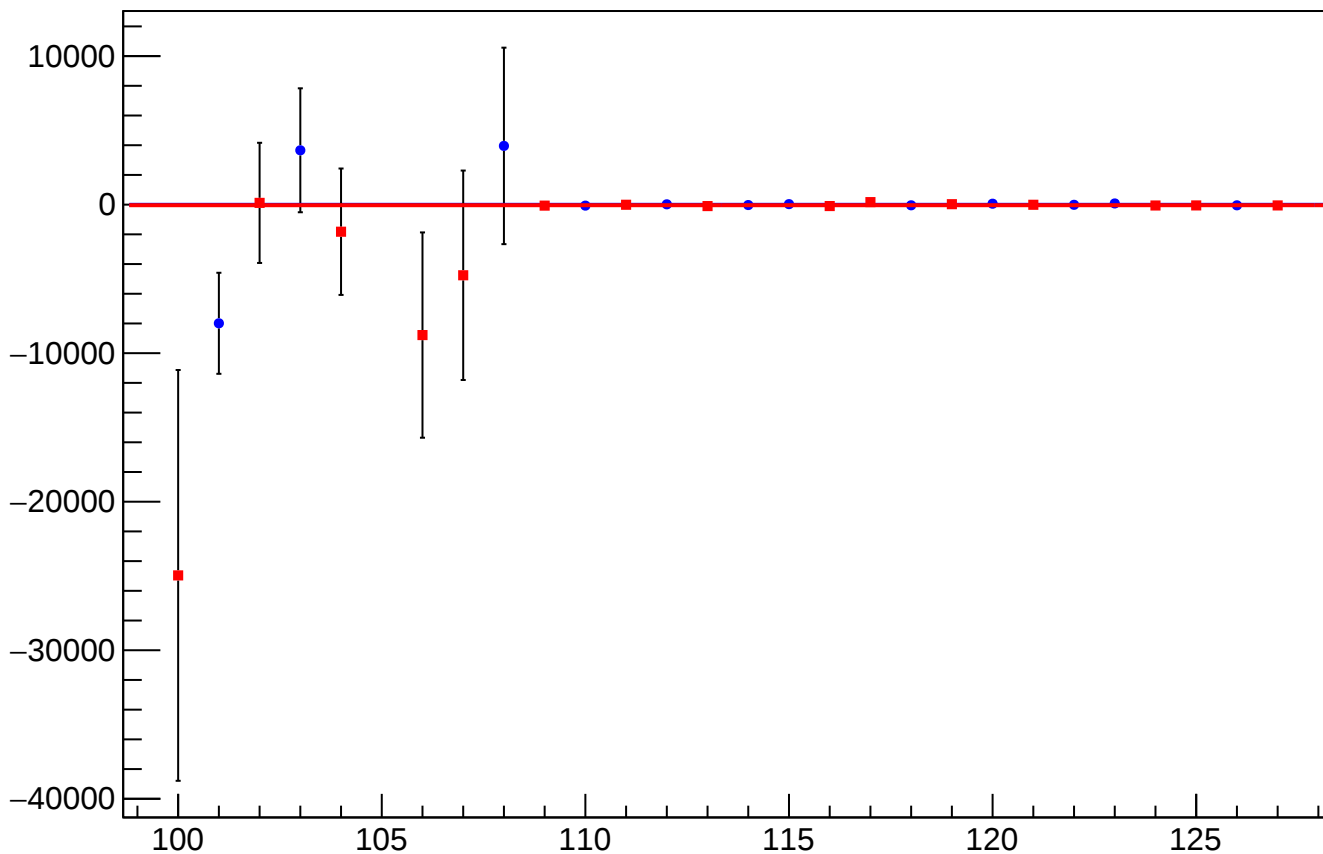
170.263+/-0.075 χ^2/NDF : 3285098.6/11

Right Out: 162.826+/-0.068 χ^2/NDF : 4005091.7/14

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

162.826+/-0.068 χ^2/NDF : 4005091.7/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -12.561+/-16.565 χ^2 /NDF: 13.2/11

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

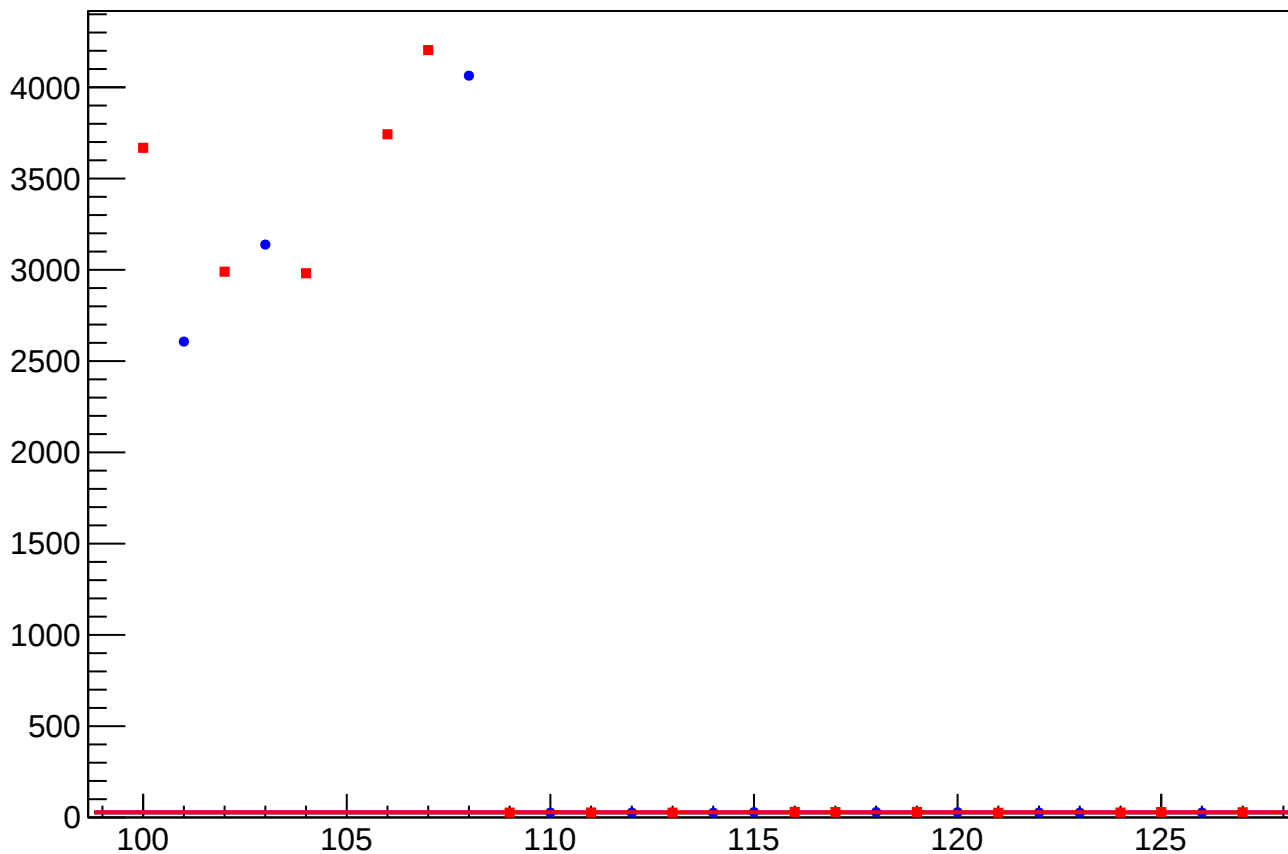
Right Out: -38.290+/-15.464 χ^2 /NDF: 15.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-12.561+/-16.565 χ^2 /NDF: 13.2/11

-38.290+/-15.464 χ^2 /NDF: 15.0/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.583+/-0.012 χ^2/NDF : 3016869.5/11

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

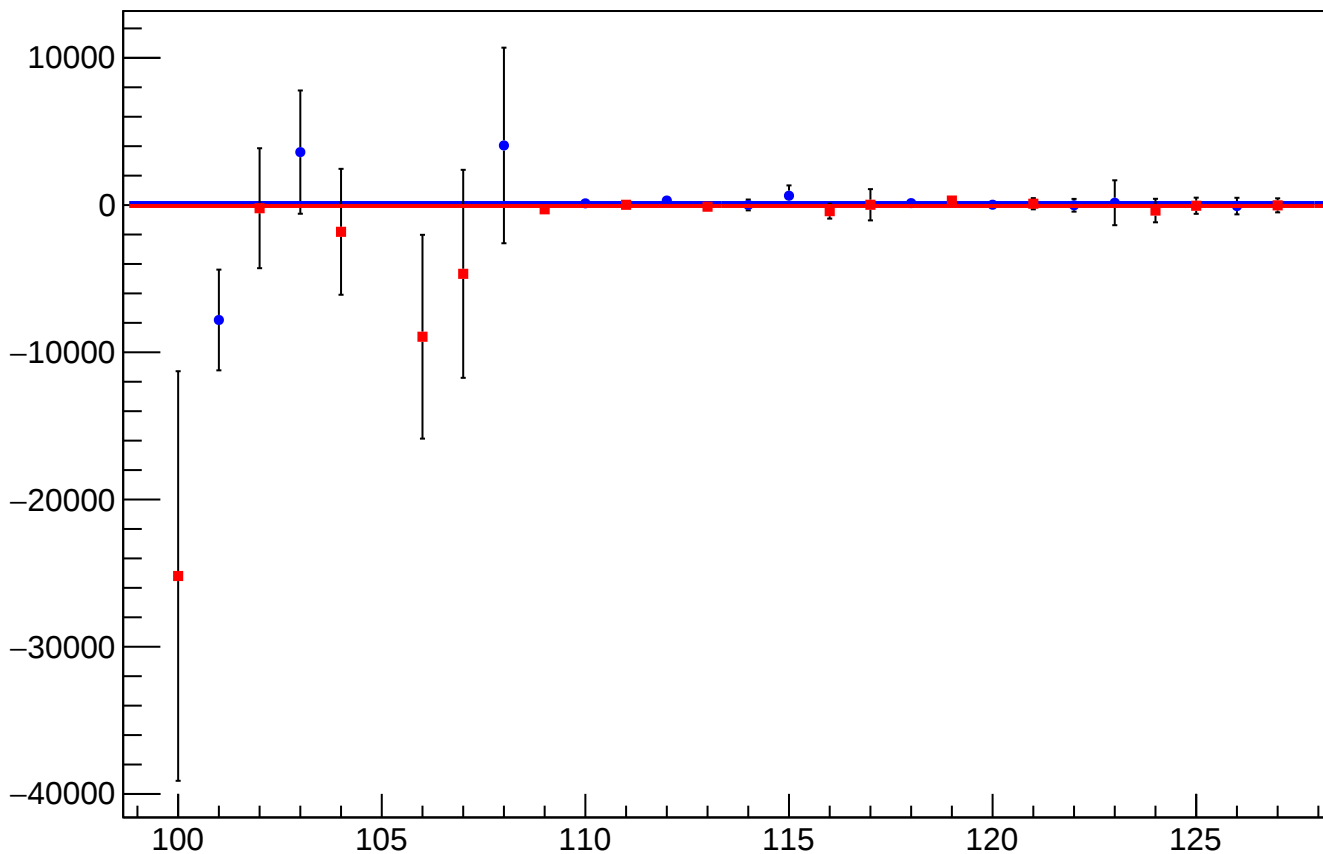
Right Out: 27.962+/-0.011 χ^2/NDF : 3478272.9/14

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

27.583+/-0.012 χ^2/NDF : 3016869.5/11

27.962+/-0.011 χ^2/NDF : 3478272.9/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 139.174+/-108.096 χ^2/NDF : 8.0/11

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

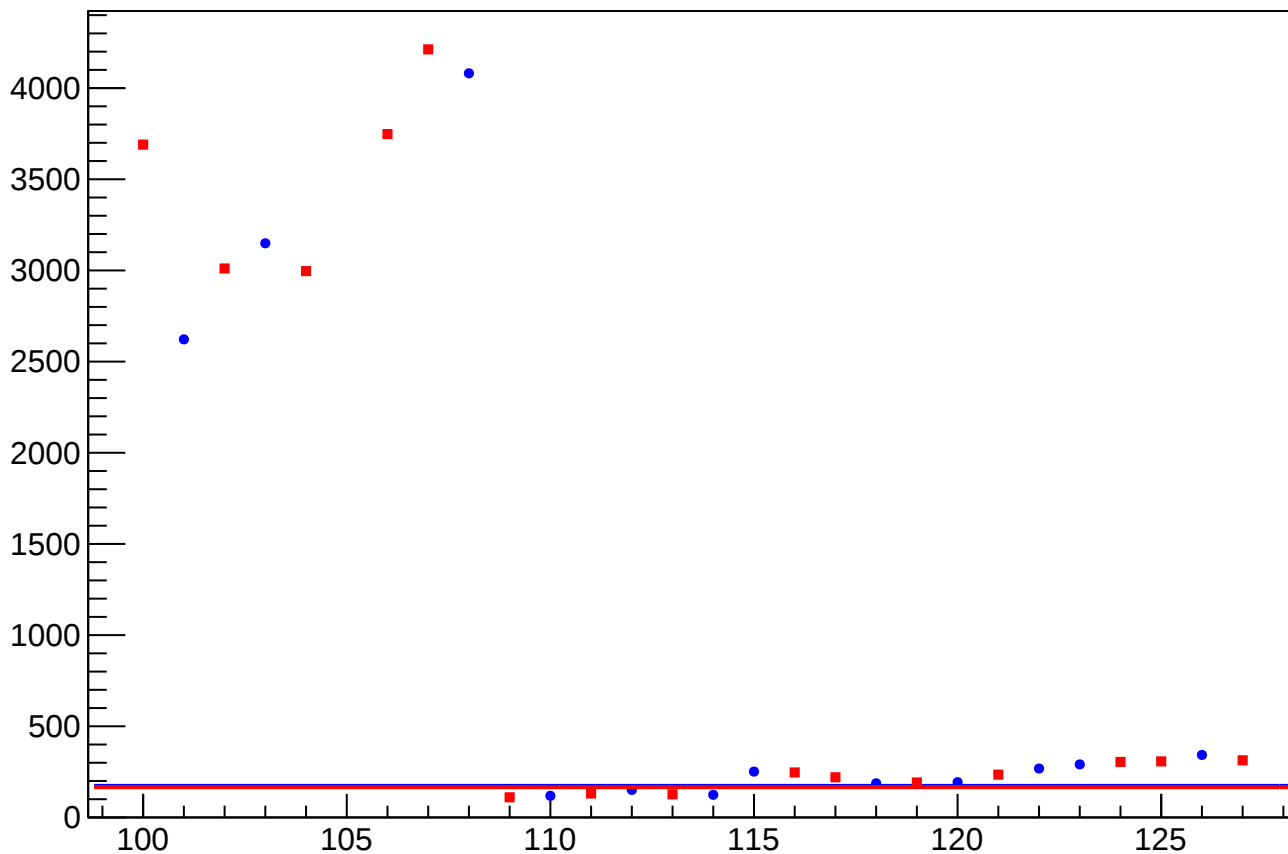
Right Out: -61.081+/-96.993 χ^2/NDF : 9.5/14

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

139.174+/-108.096 χ^2/NDF : 8.0/11

-61.081+/-96.993 χ^2/NDF : 9.5/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 173.060+/-0.076 χ^2/NDF : 3252250.0/11

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

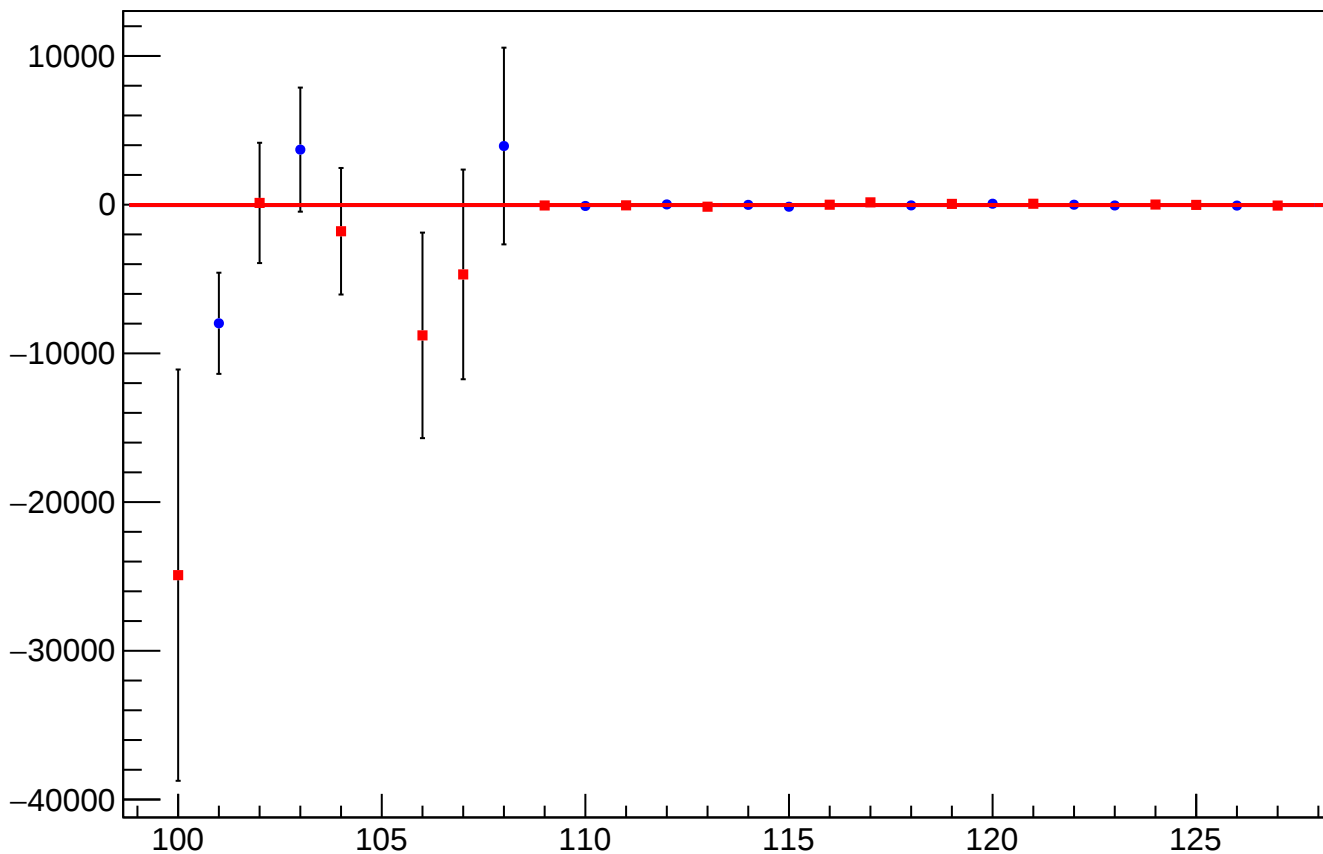
Right Out: 166.030+/-0.069 χ^2/NDF : 3961861.5/14

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

173.060+/-0.076 χ^2/NDF : 3252250.0/11

166.030+/-0.069 χ^2/NDF : 3961861.5/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -26.229+/-20.194 χ^2 /NDF: 13.2/11

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

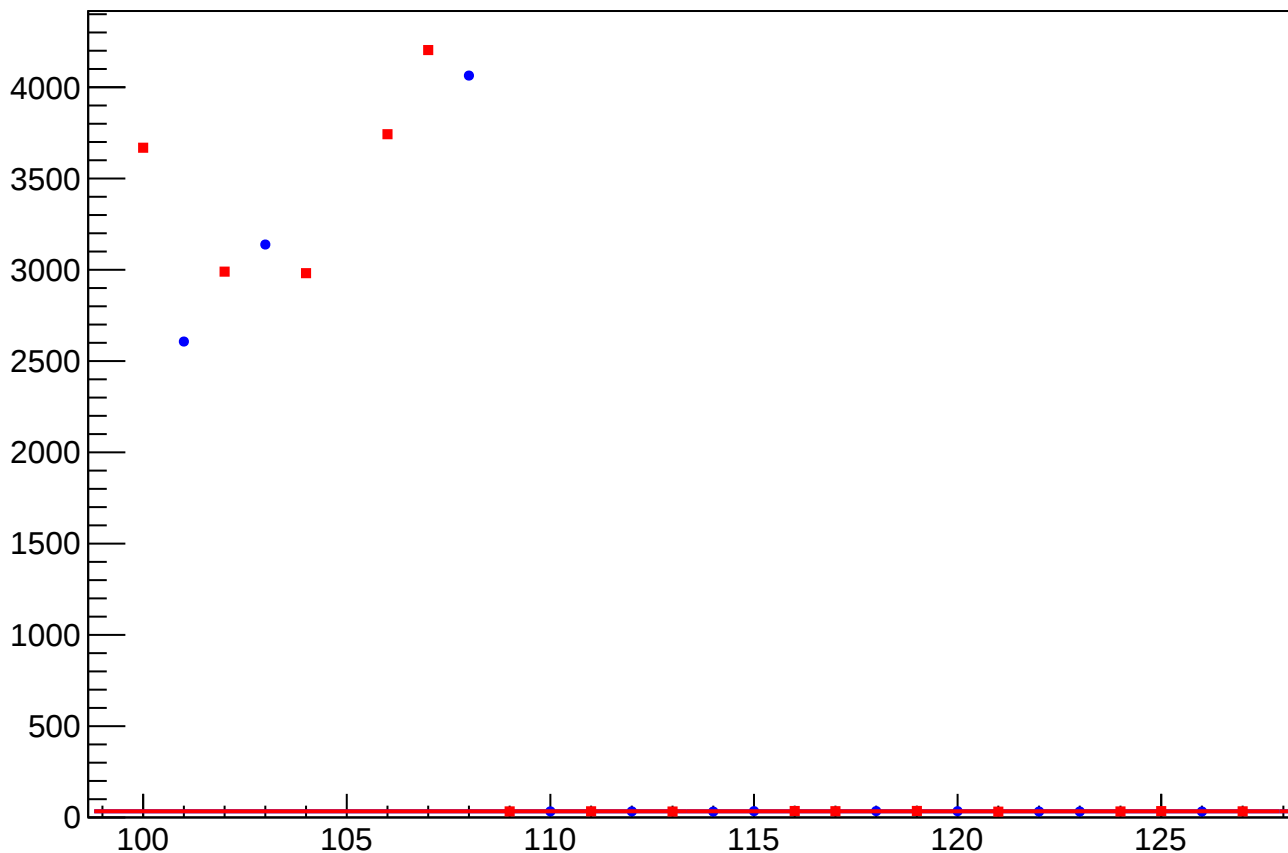
Right Out: -22.253+/-18.664 χ^2 /NDF: 18.5/14

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

-26.229+/-20.194 χ^2 /NDF: 13.2/11

-22.253+/-18.664 χ^2 /NDF: 18.5/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.645+/-0.014 χ^2/NDF : 2998856.3/11

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

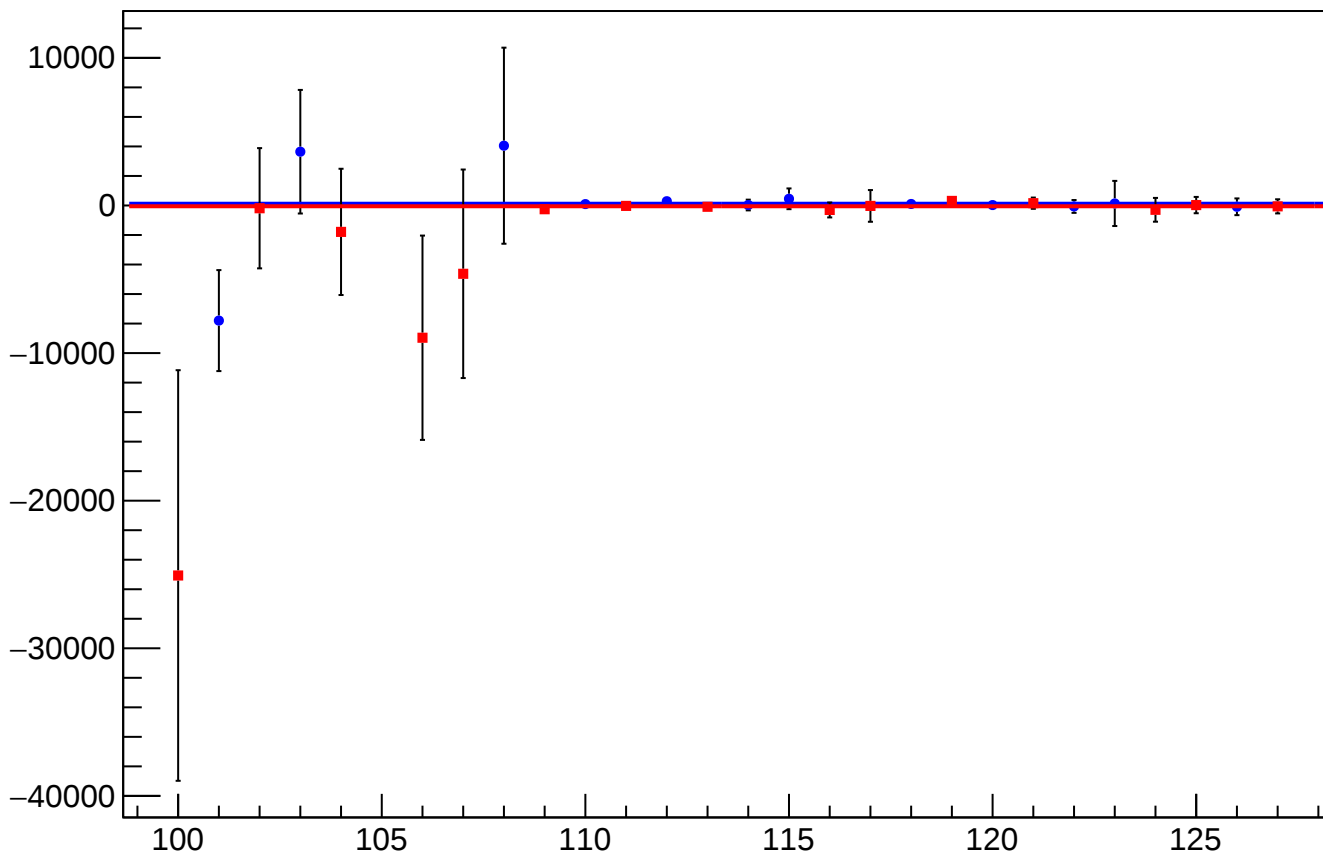
33.645+/-0.014 χ^2/NDF : 2998856.3/11

Right Out: 33.839+/-0.013 χ^2/NDF : 3450695.5/14

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

33.839+/-0.013 χ^2/NDF : 3450695.5/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 118.357+/-107.492 χ^2/NDF : 7.7/11

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

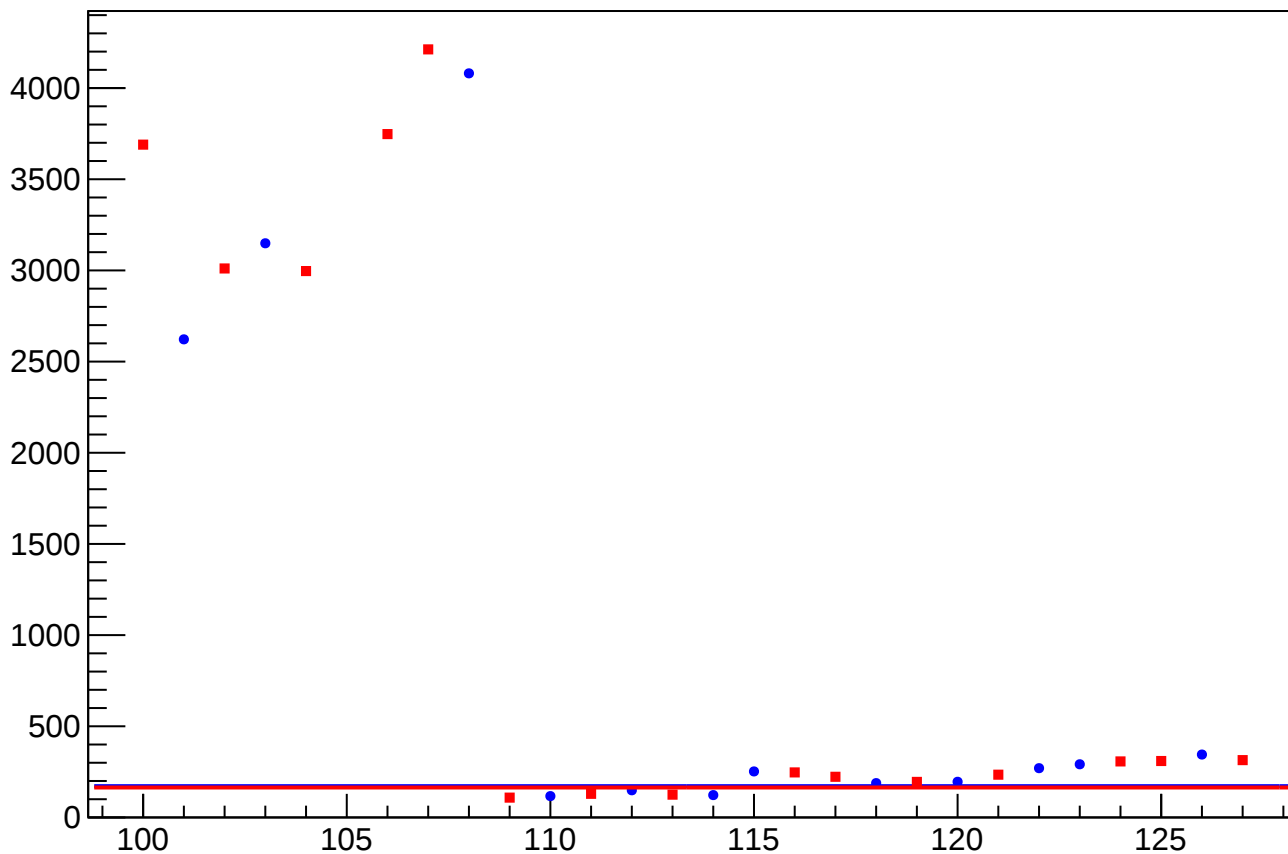
Right Out: -52.678+/-96.320 χ^2/NDF : 8.8/14

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

118.357+/-107.492 χ^2/NDF : 7.7/11

-52.678+/-96.320 χ^2/NDF : 8.8/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 171.675+/-0.076 χ^2/NDF : 3281240.2/11

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

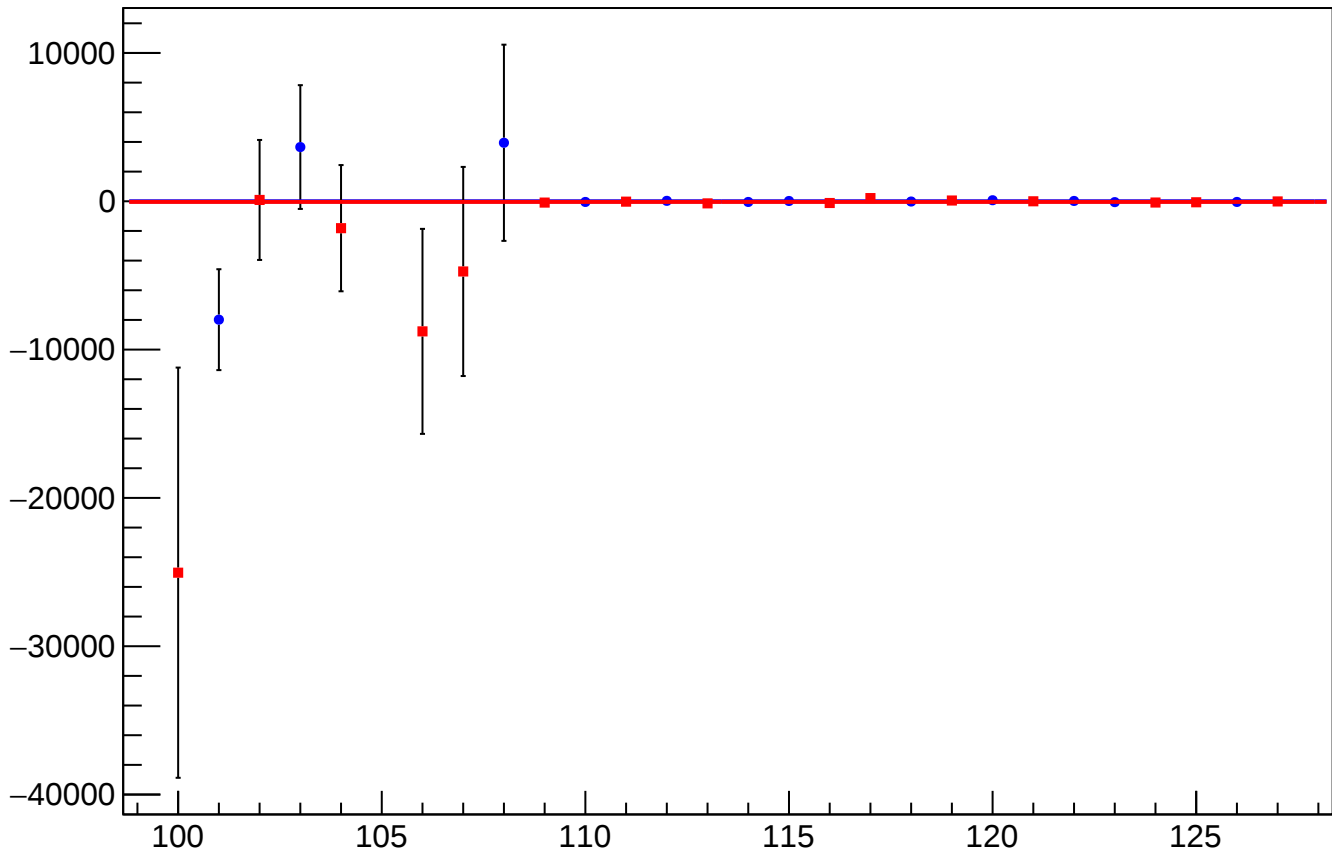
Right Out: 164.301+/-0.068 χ^2/NDF : 4001215.1/14

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

171.675+/-0.076 χ^2/NDF : 3281240.2/11

164.301+/-0.068 χ^2/NDF : 4001215.1/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -0.305+/-18.470 χ^2/NDF : 11.2/11

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

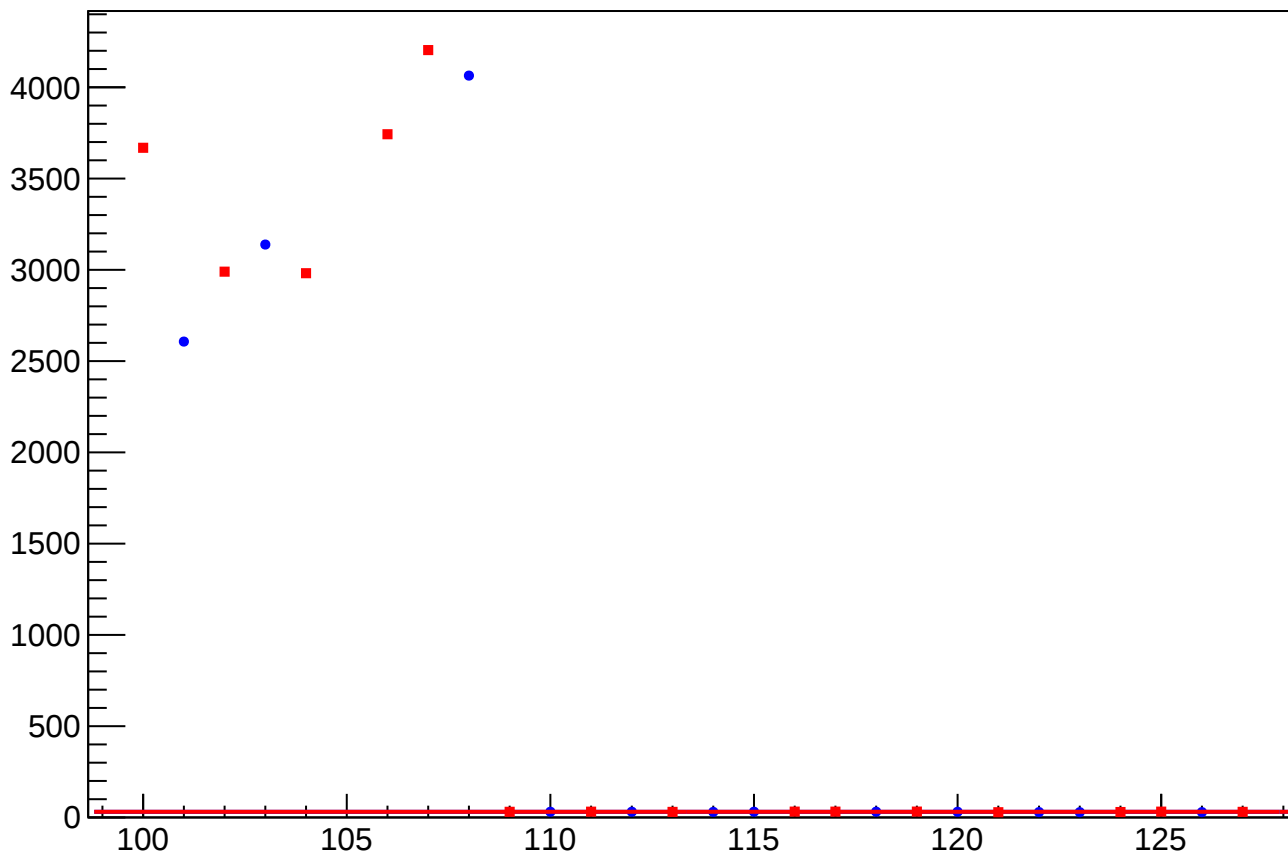
Right Out: -41.073+/-17.151 χ^2/NDF : 21.3/14

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

-0.305+/-18.470 χ^2/NDF : 11.2/11

-41.073+/-17.151 χ^2/NDF : 21.3/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.795+/-0.013 χ^2/NDF : 3006007.4/11

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

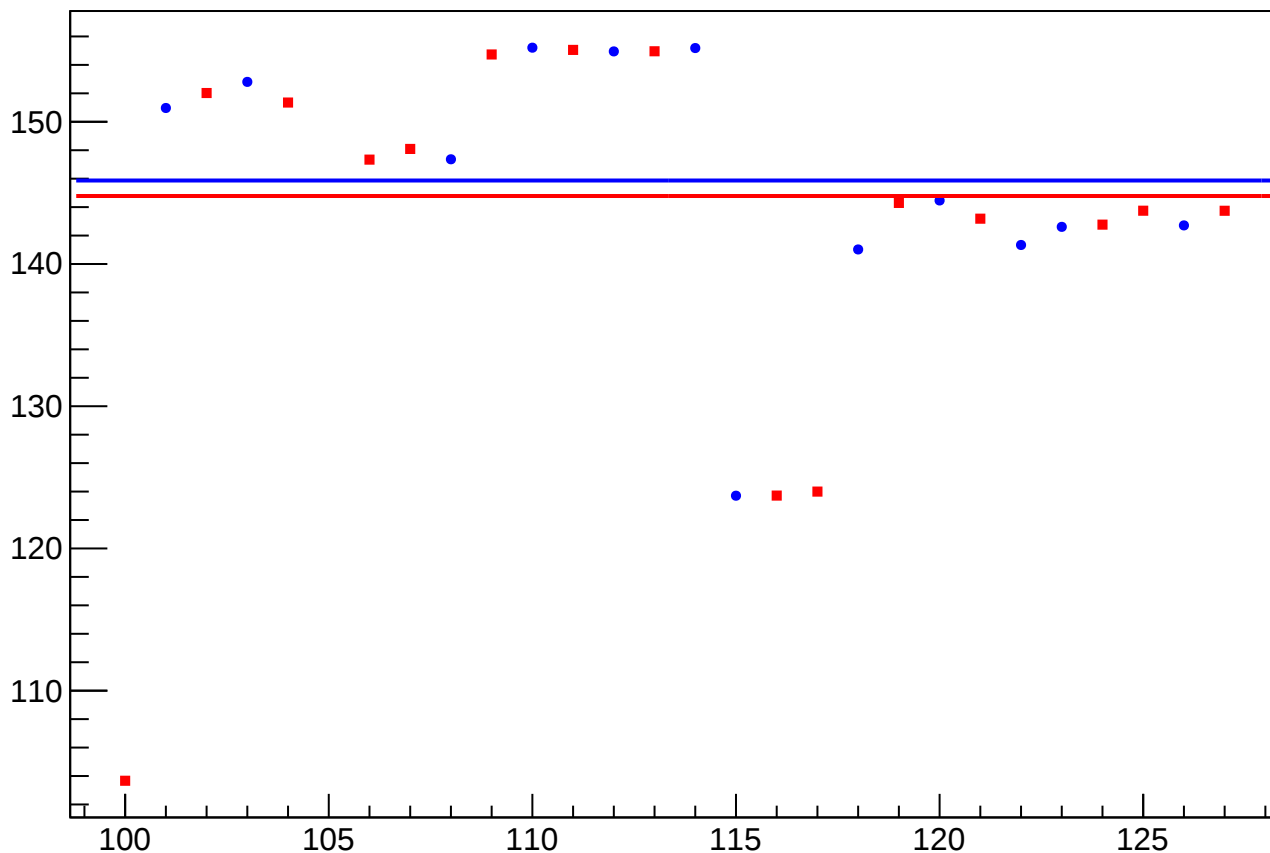
Right Out: 31.078+/-0.012 χ^2/NDF : 3456094.4/14

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

30.795+/-0.013 χ^2/NDF : 3006007.4/11

31.078+/-0.012 χ^2/NDF : 3456094.4/14

yield_bcm_an_ds_mean vs Slug



Right In: 145.871+/-0.000 χ^2/NDF : 2001496766.3/11

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

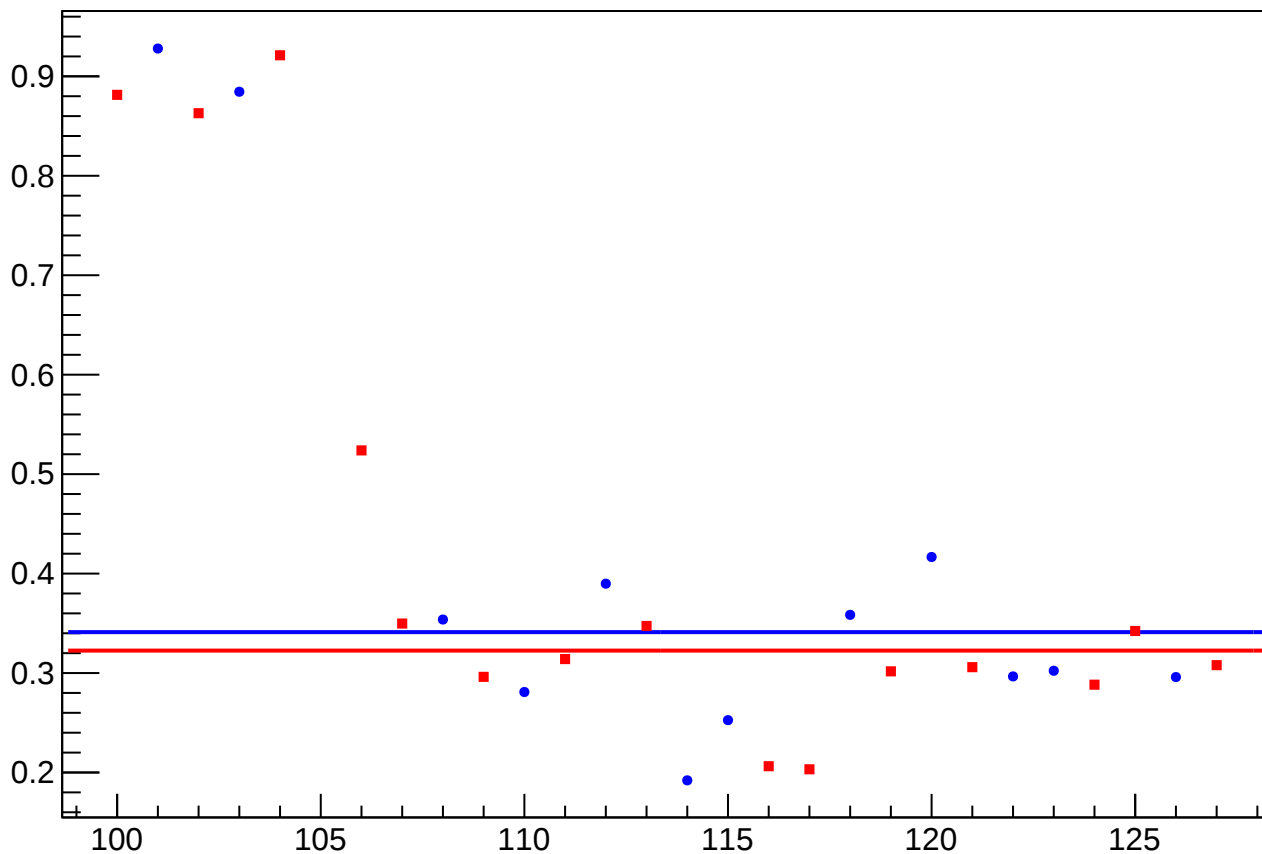
Right Out: 144.781+/-0.000 χ^2/NDF : 4257766519.3/14

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

145.871+/-0.000 χ^2/NDF : 2001496766.3/11

144.781+/-0.000 χ^2/NDF : 4257766519.3/14

yield_bcm_an_ds_rms vs Slug



Right In: 0.341+/-0.000 χ^2/NDF : 1115941.4/11

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

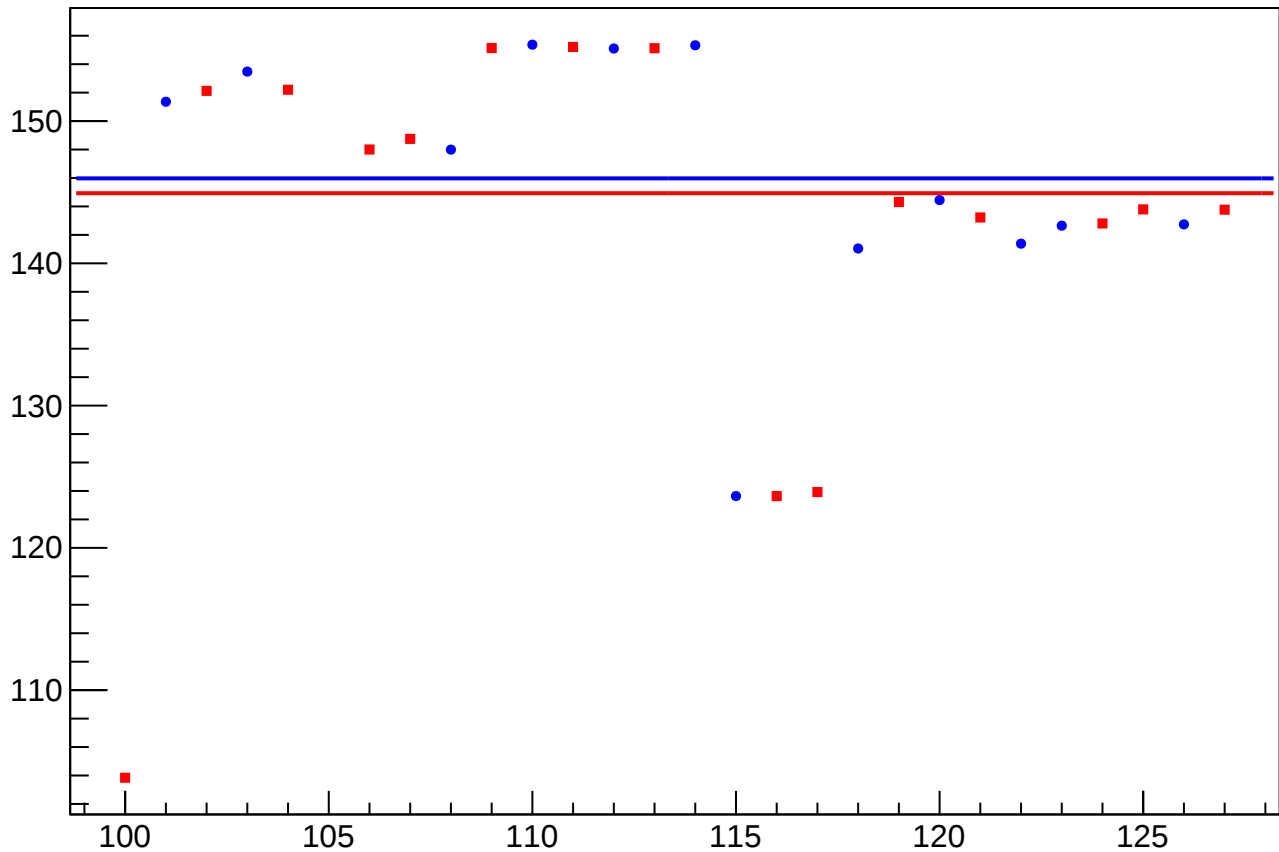
Right Out: 0.323+/-0.000 χ^2/NDF : 1143048.2/14

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

0.341+/-0.000 χ^2/NDF : 1115941.4/11

0.323+/-0.000 χ^2/NDF : 1143048.2/14

yield_bcm_an_ds3_mean vs Slug



Right In: 145.973+/-0.000 χ^2/NDF : 2017632649.2/11

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

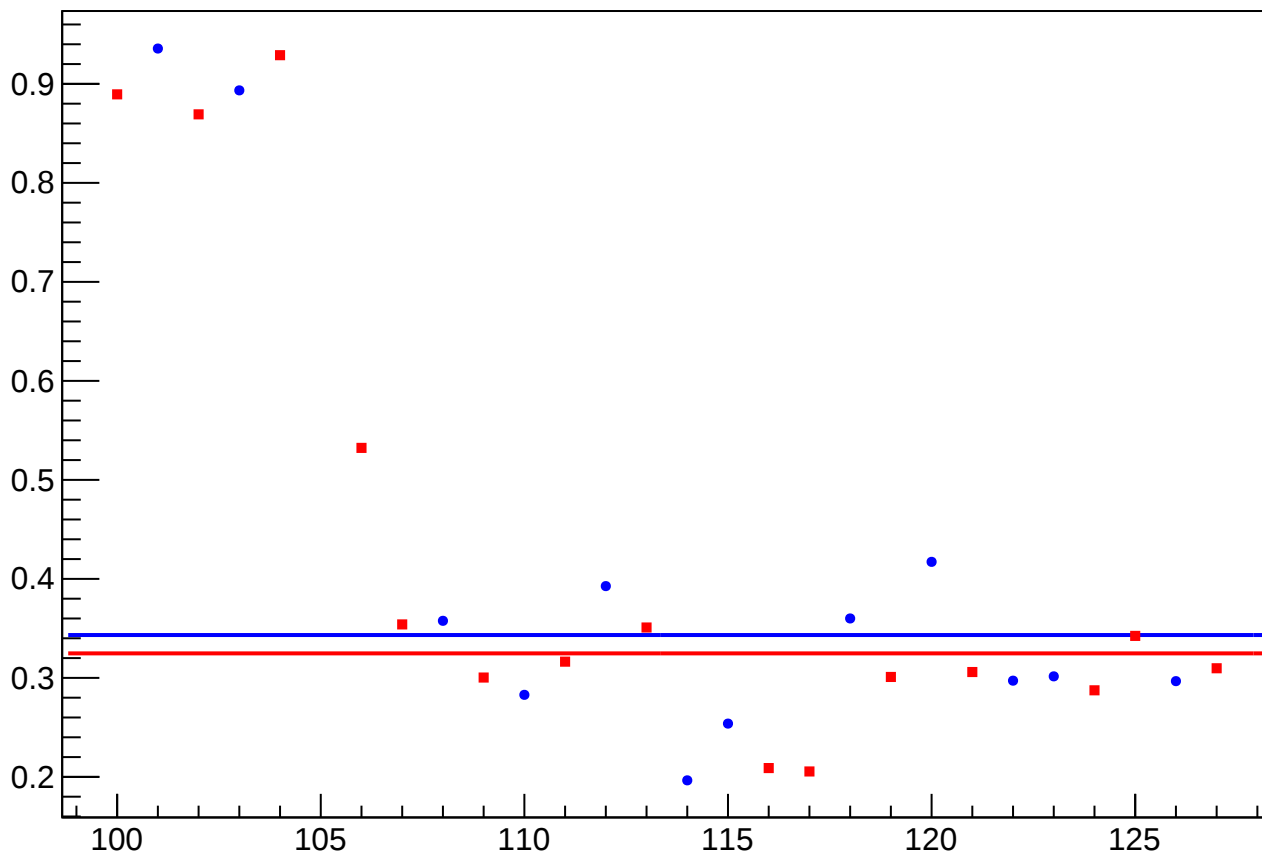
145.973+/-0.000 χ^2/NDF : 2017632649.2/11

Right Out: 144.930+/-0.000 χ^2/NDF : 4272689367.3/14

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

144.930+/-0.000 χ^2/NDF : 4272689367.3/14

yield_bcm_an_ds3_rms vs Slug



Right In: 0.343+/-0.000 χ^2/NDF : 1113951.3/11

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

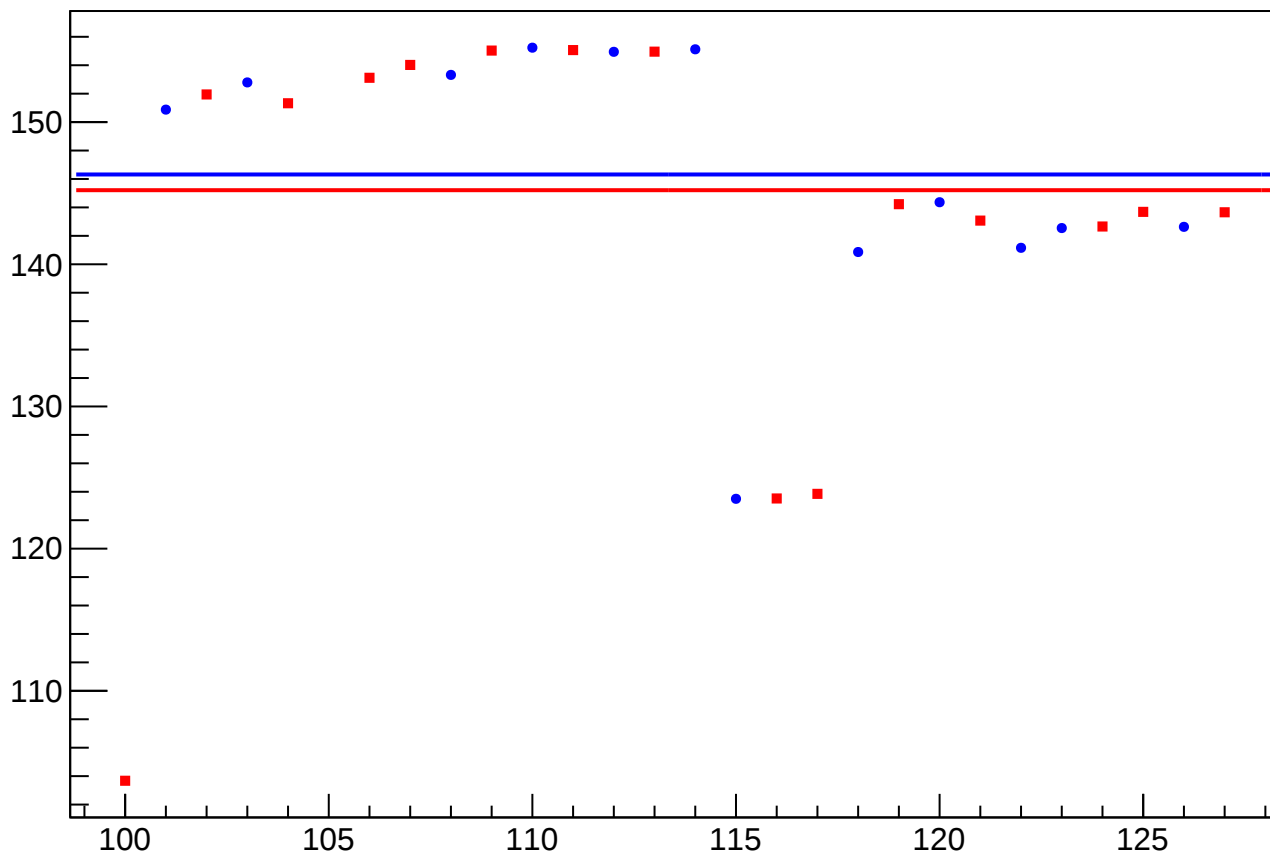
Right Out: 0.325+/-0.000 χ^2/NDF : 1143810.7/14

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

0.343+/-0.000 χ^2/NDF : 1113951.3/11

0.325+/-0.000 χ^2/NDF : 1143810.7/14

yield_bcm_an_us_mean vs Slug



Right In: 146.317+/-0.000 χ^2/NDF : 2158221027.6/11

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

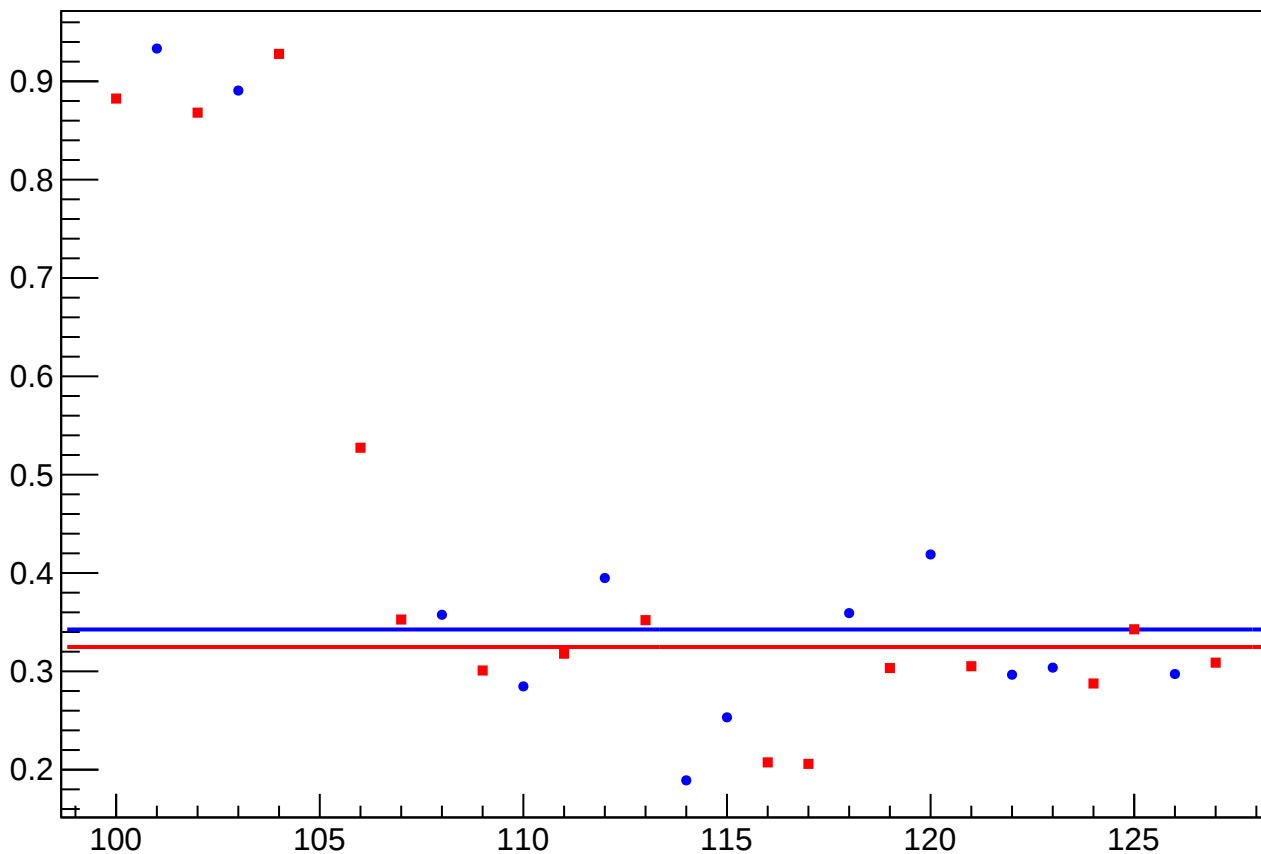
Right Out: 145.211+/-0.000 χ^2/NDF : 4521868873.6/14

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

146.317+/-0.000 χ^2/NDF : 2158221027.6/11

145.211+/-0.000 χ^2/NDF : 4521868873.6/14

yield_bcm_an_us_rms vs Slug



Right In: 0.343+/-0.000 χ^2/NDF : 1126625.4/11

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

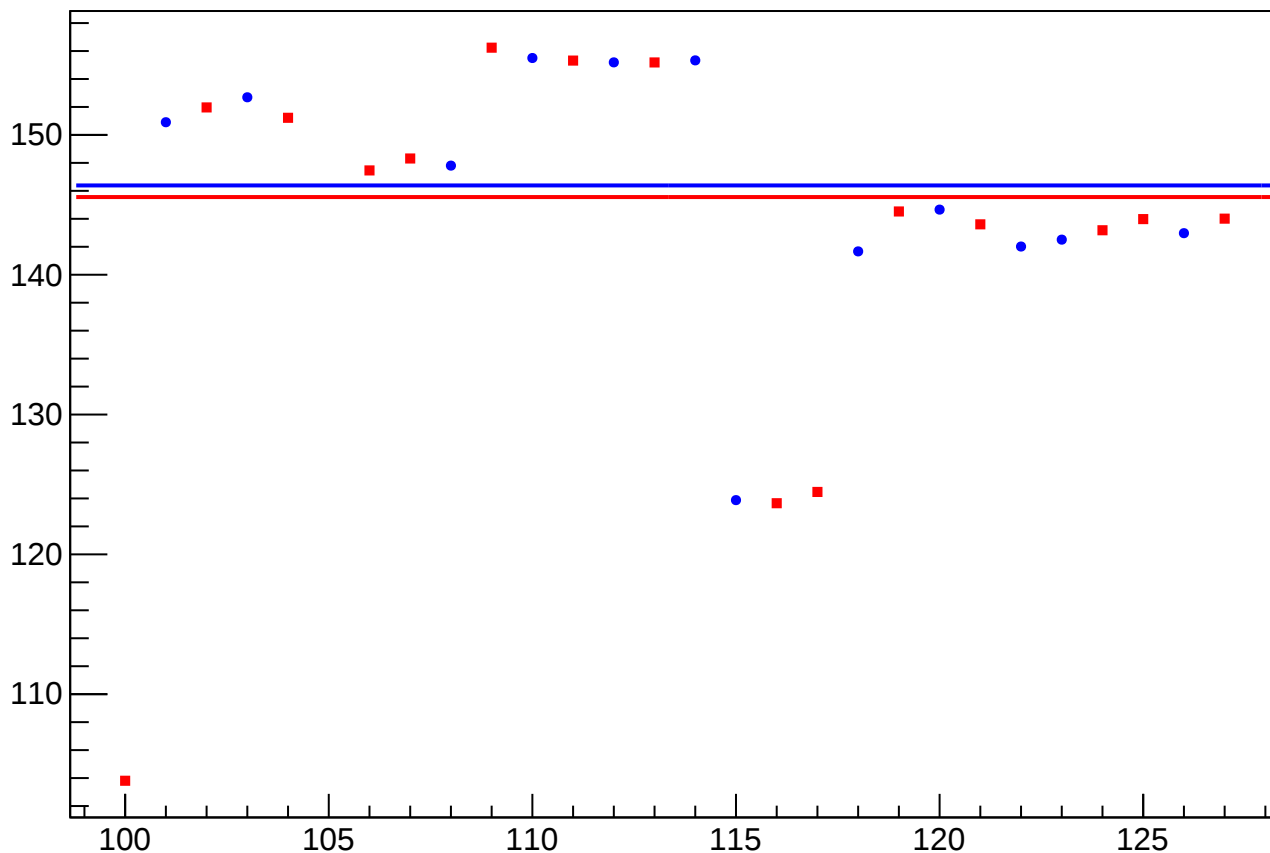
Right Out: 0.325+/-0.000 χ^2/NDF : 1144142.4/14

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

0.343+/-0.000 χ^2/NDF : 1126625.4/11

0.325+/-0.000 χ^2/NDF : 1144142.4/14

yield_bcm_dg_us_mean vs Slug



Right In: 146.387+/-0.000 χ^2/NDF : 1793538222.5/11

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

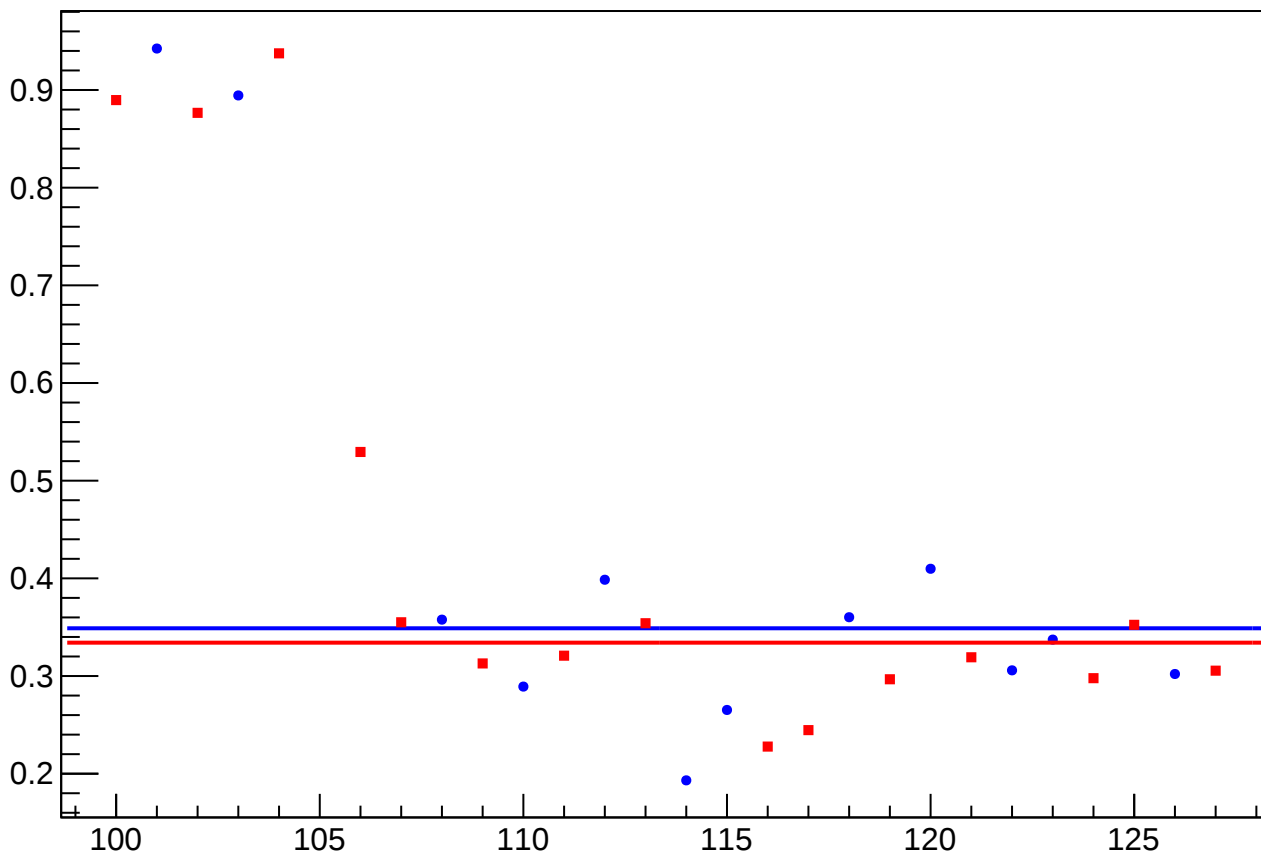
Right Out: 145.556+/-0.000 χ^2/NDF : 3827281544.0/14

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

146.387+/-0.000 χ^2/NDF : 1793538222.5/11

145.556+/-0.000 χ^2/NDF : 3827281544.0/14

yield_bcm_dg_us_rms vs Slug



Right In: 0.349+/-0.000 χ^2/NDF : 1093391.9/11

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

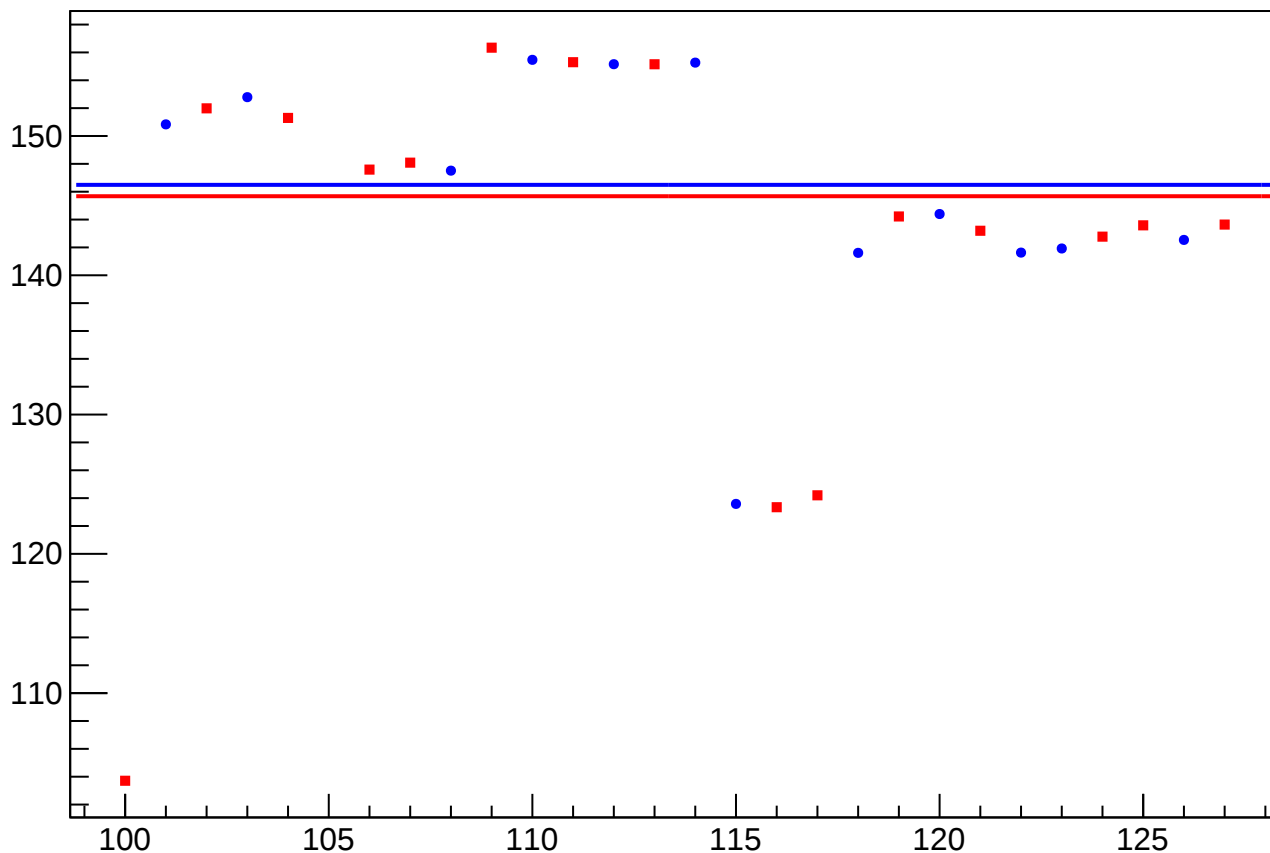
Right Out: 0.334+/-0.000 χ^2/NDF : 1069936.8/14

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

0.349+/-0.000 χ^2/NDF : 1093391.9/11

0.334+/-0.000 χ^2/NDF : 1069936.8/14

yield_bcm_dg_ds_mean vs Slug



Right In: 146.492+/-0.000 χ^2/NDF : 1836611229.0/11

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

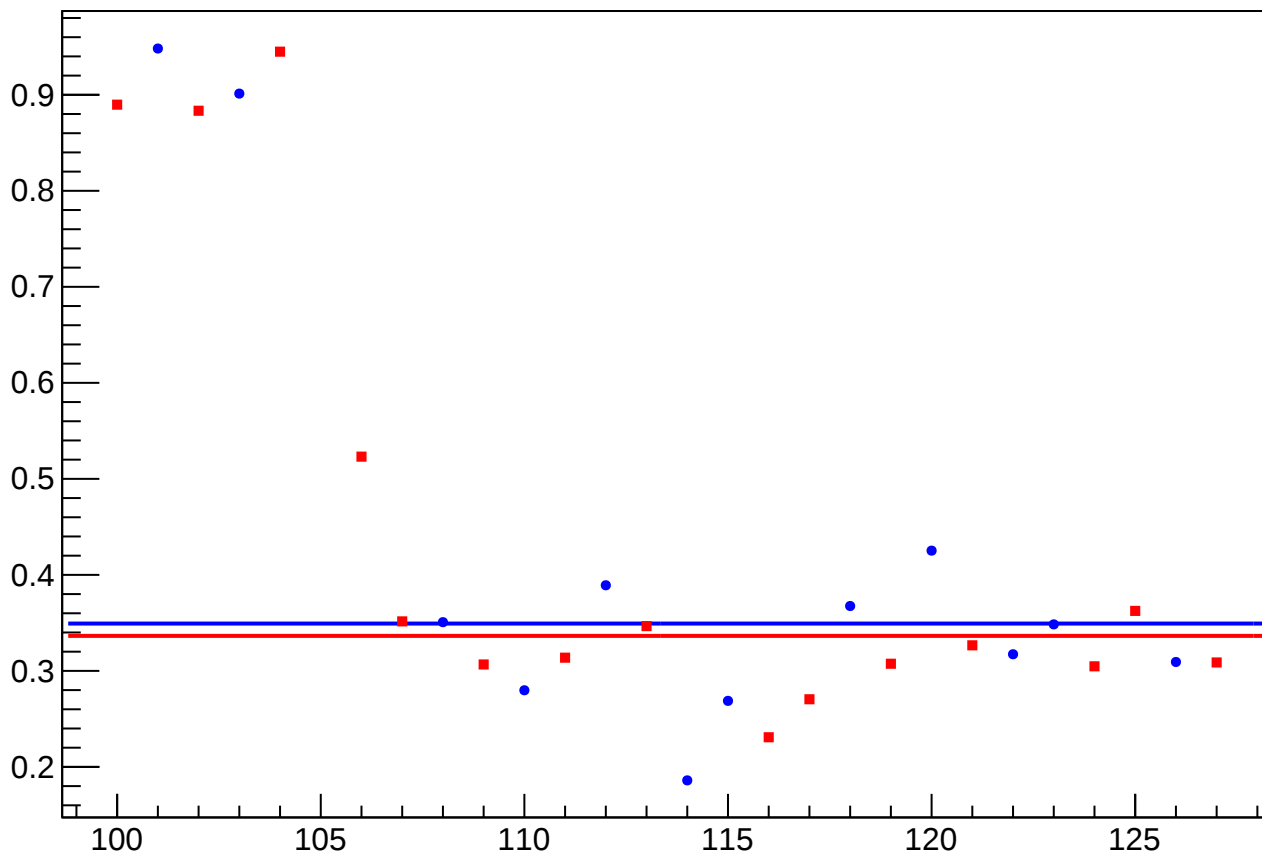
Right Out: 145.676+/-0.000 χ^2/NDF : 3848129095.9/14

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

146.492+/-0.000 χ^2/NDF : 1836611229.0/11

145.676+/-0.000 χ^2/NDF : 3848129095.9/14

yield_bcm_dg_ds_rms vs Slug



Right In: 0.349+/-0.000 χ^2/NDF : 1117291.0/11

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

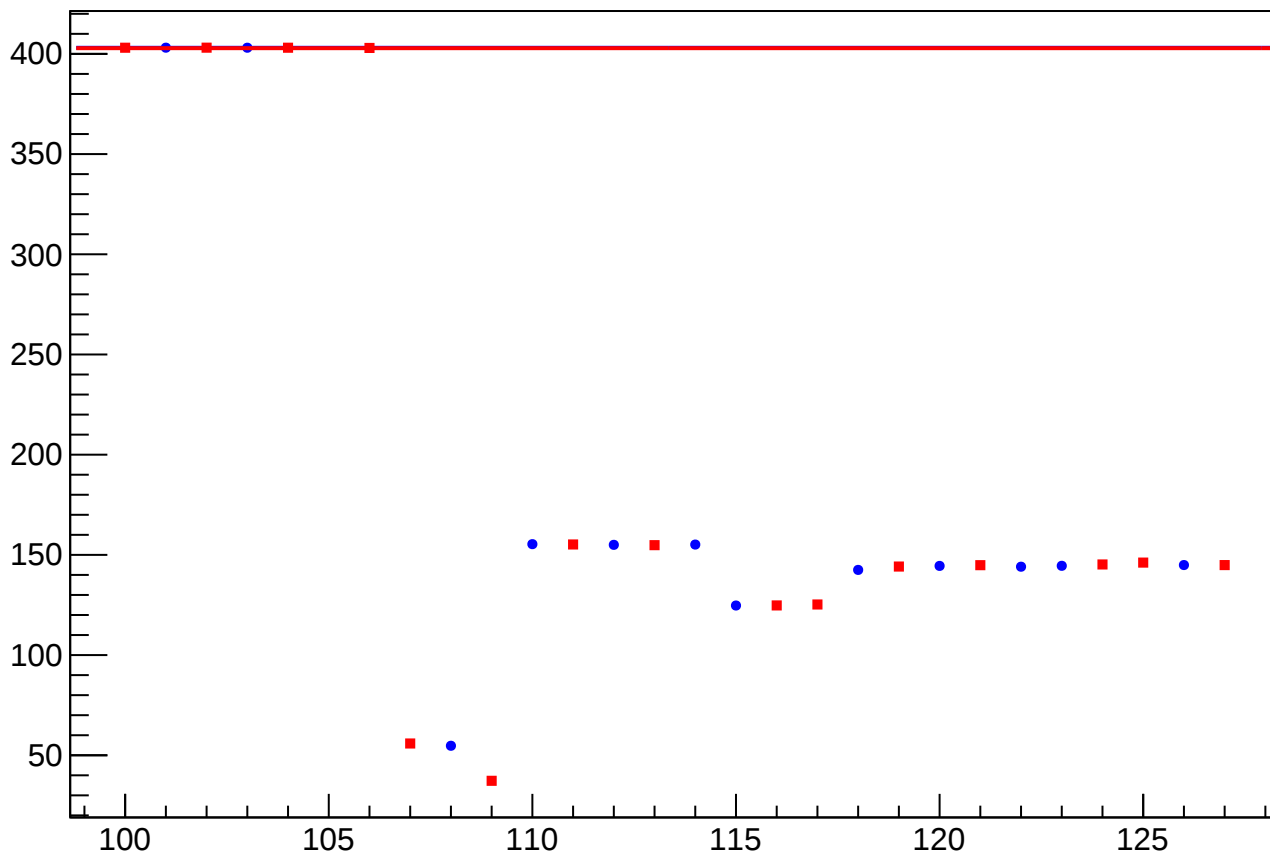
Right Out: 0.336+/-0.000 χ^2/NDF : 1052854.1/14

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

0.349+/-0.000 χ^2/NDF : 1117291.0/11

0.336+/-0.000 χ^2/NDF : 1052854.1/14

yield_cav4bQ_mean vs Slug



Right In: 403.032+/-0.000 χ^2/NDF : 497704648796.6/11

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

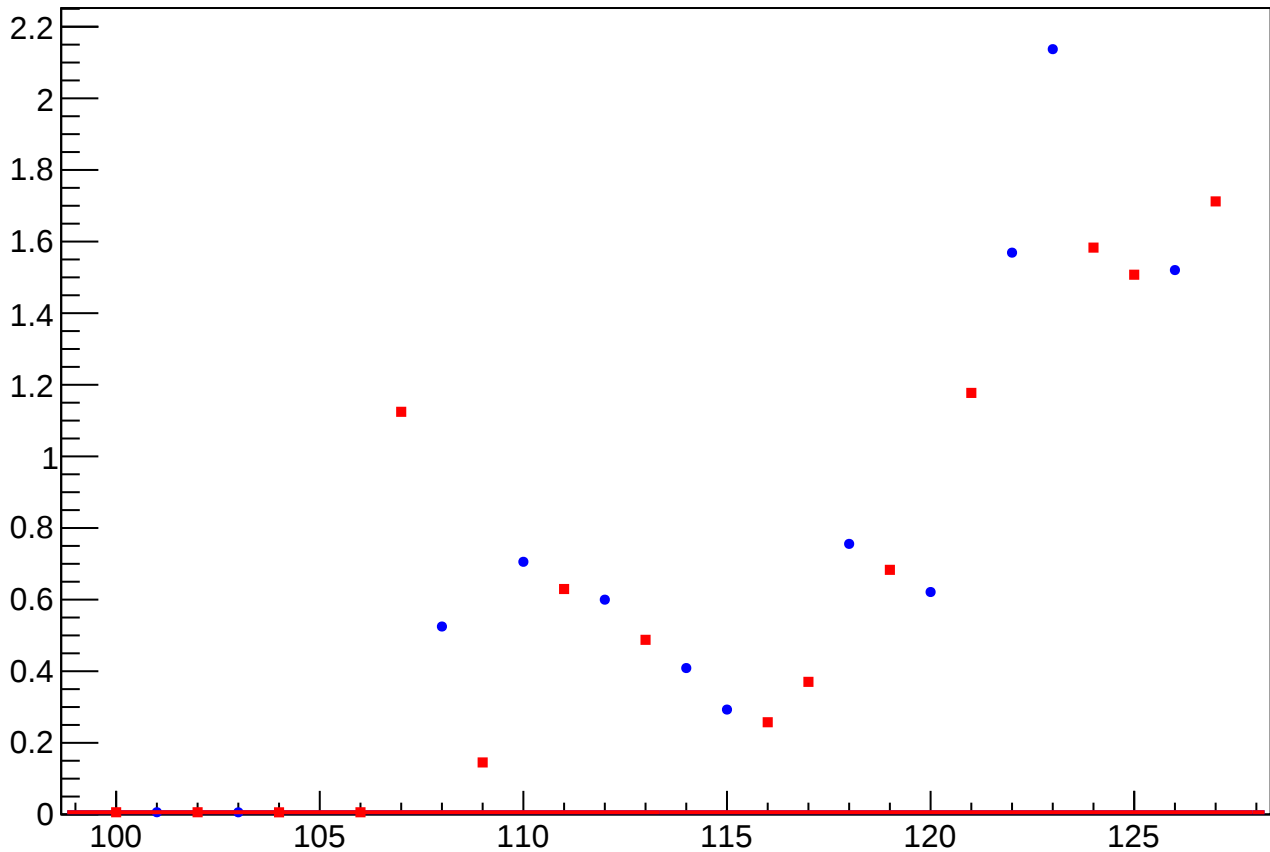
403.032+/-0.000 χ^2/NDF : 497704648796.6/11

Right Out: 402.850+/-0.000 χ^2/NDF : 2637930536809.4/14

402.850+/-0.000 χ^2/NDF : 2637930536809.4/14

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

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 5114789.0/11

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

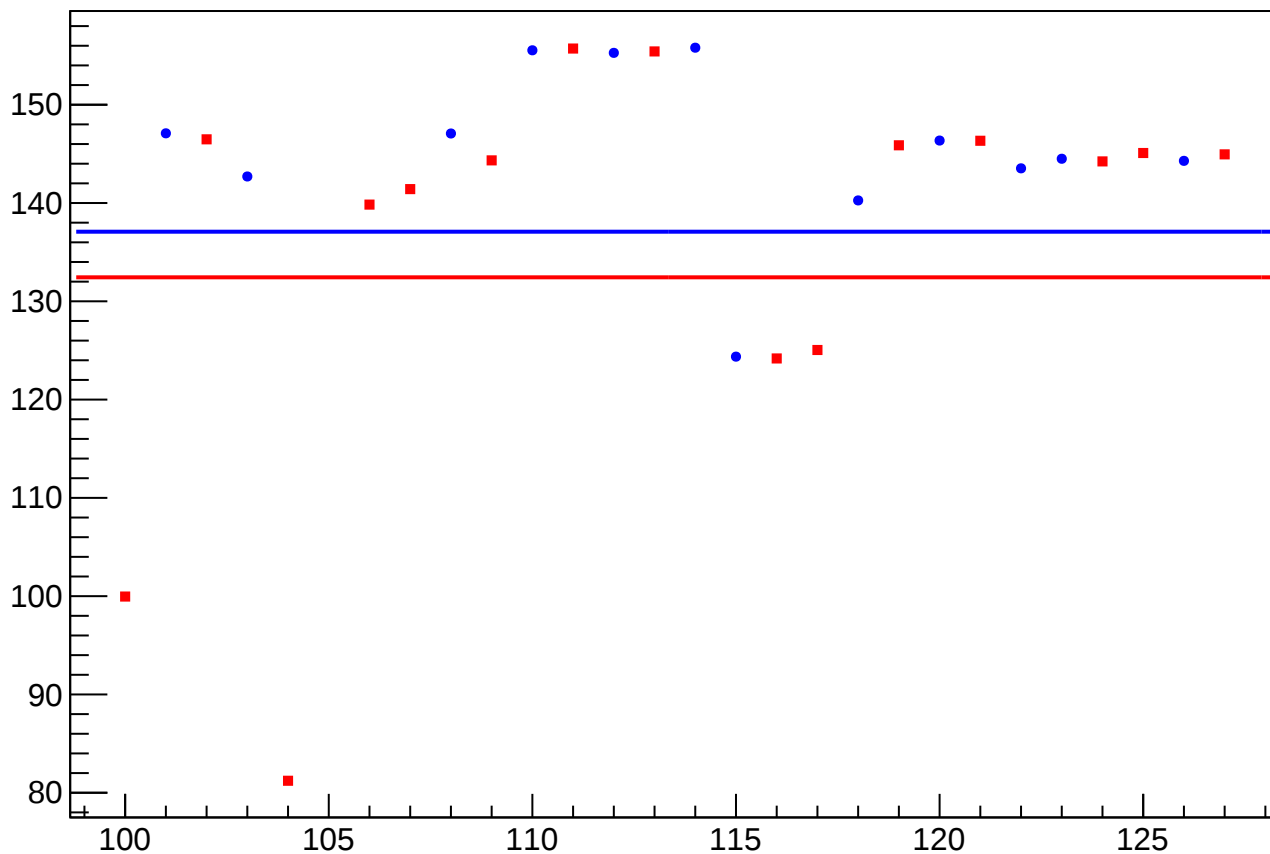
Right Out: 0.006+/-0.000 χ^2/NDF : 6100912.0/14

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 : 6100912.0/14

yield_cav4cQ_mean vs Slug



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

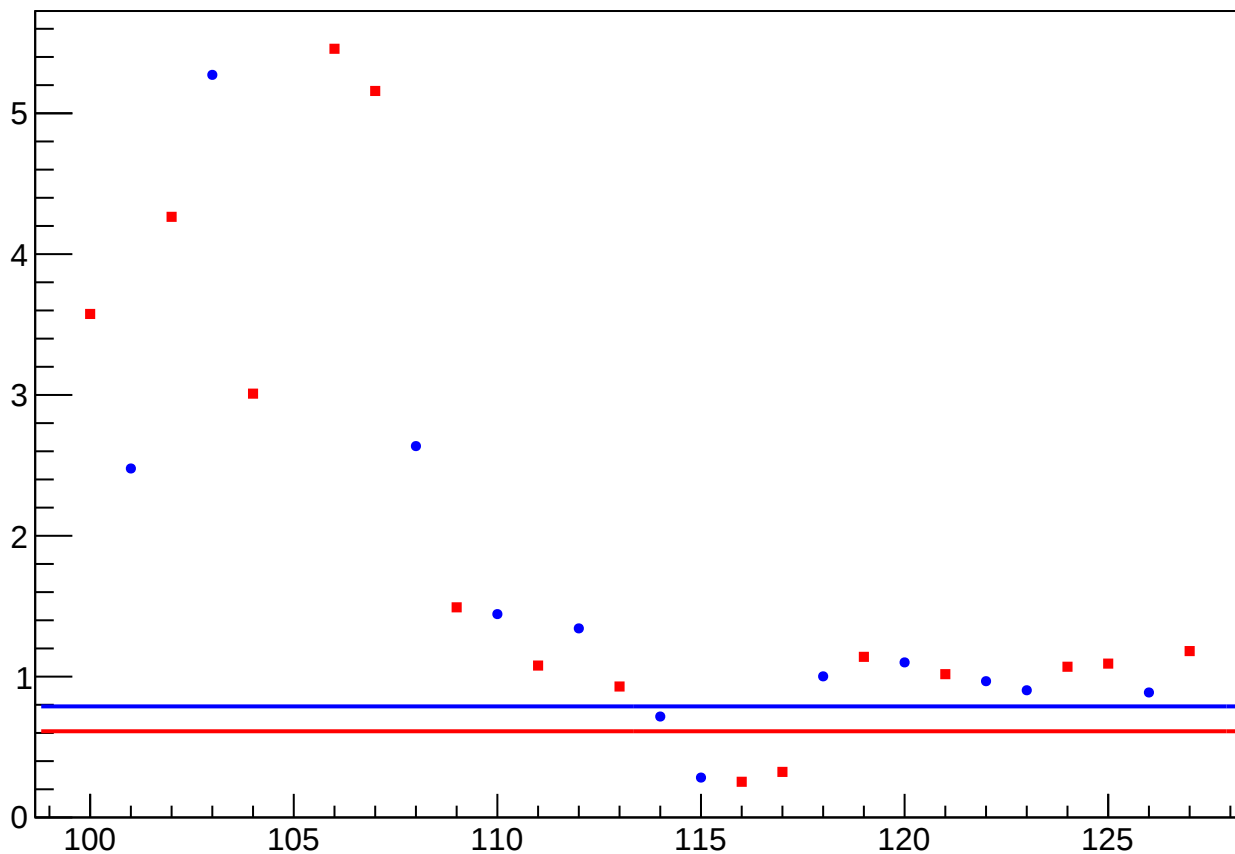
Right Out: 132.440 $\pm$ 0.000 χ^2 /NDF: 1004513533.0/14

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

137.082 $\pm$ 0.001 χ^2 /NDF: 509972452.9/11

132.440 $\pm$ 0.000 χ^2 /NDF: 1004513533.0/14

yield_cav4cQ_rms vs Slug



Right In: 0.789+/-0.000 χ^2/NDF : 2776098.2/11

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

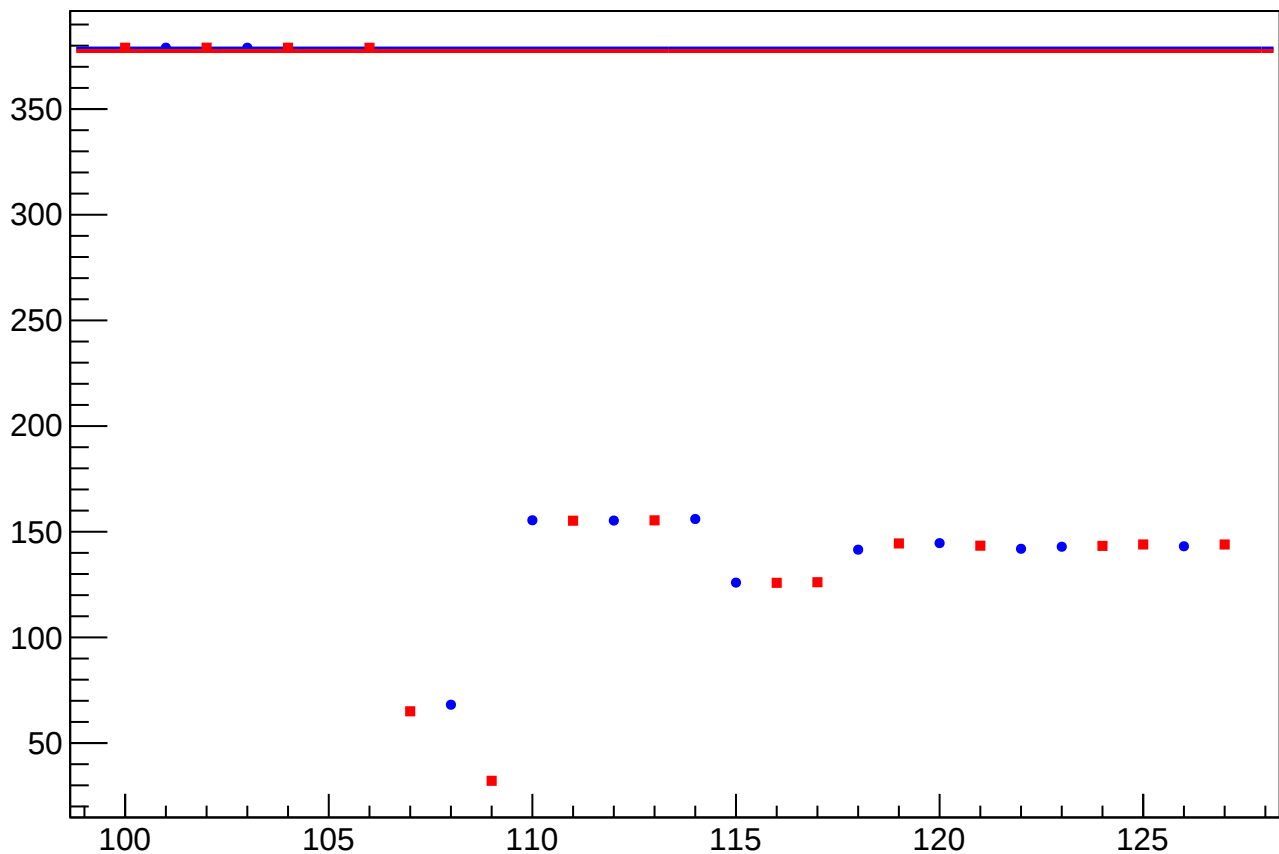
Right Out: 0.612+/-0.000 χ^2/NDF : 4465333.9/14

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

0.789+/-0.000 χ^2/NDF : 2776098.2/11

0.612+/-0.000 χ^2/NDF : 4465333.9/14

yield_cav4dQ_mean vs Slug



Right In: 378.632+/-0.000 χ^2/NDF : 1408536311104.3/11

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

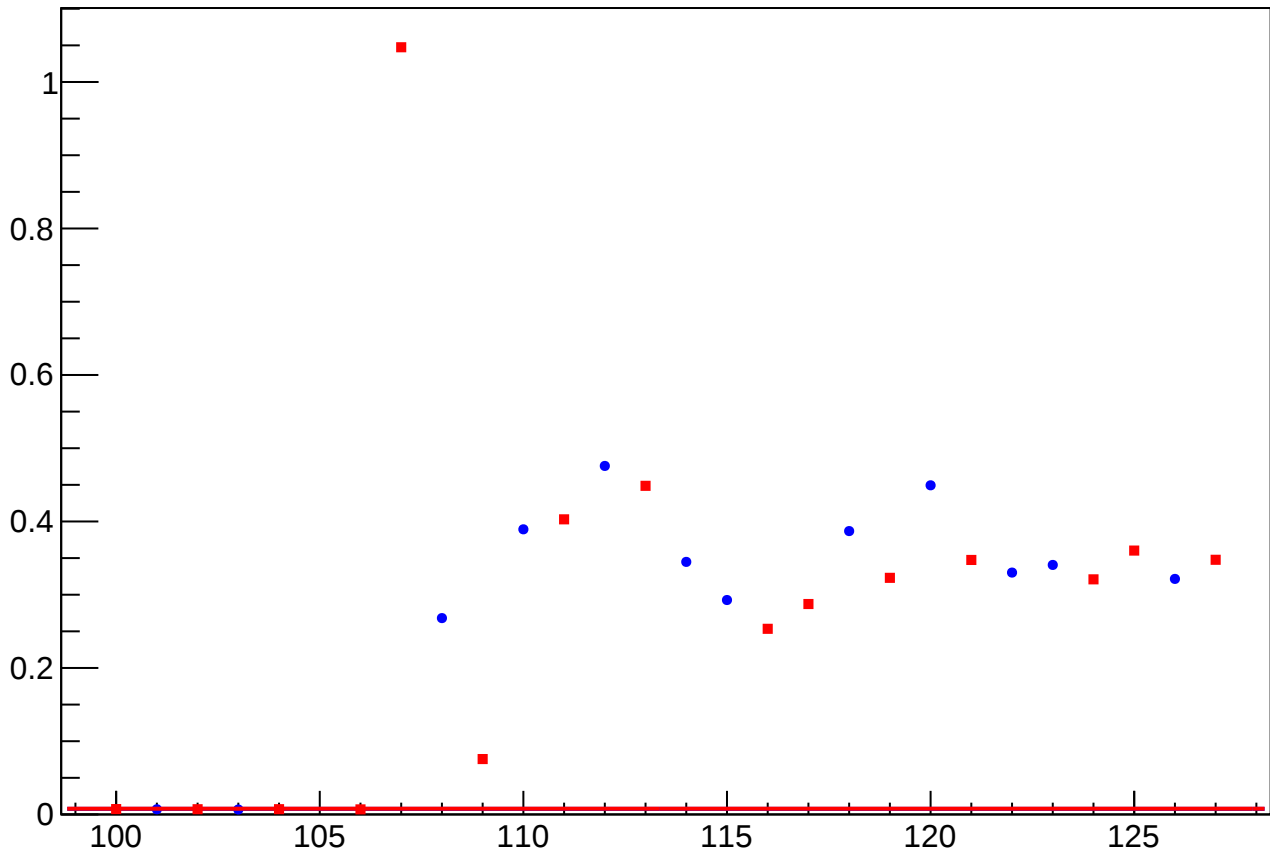
Right Out: 377.476+/-0.000 χ^2/NDF : 7616628451733.4/14

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

378.632+/-0.000 χ^2/NDF : 1408536311104.3/11

377.476+/-0.000 χ^2/NDF : 7616628451733.4/14

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 5422249.0/11

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

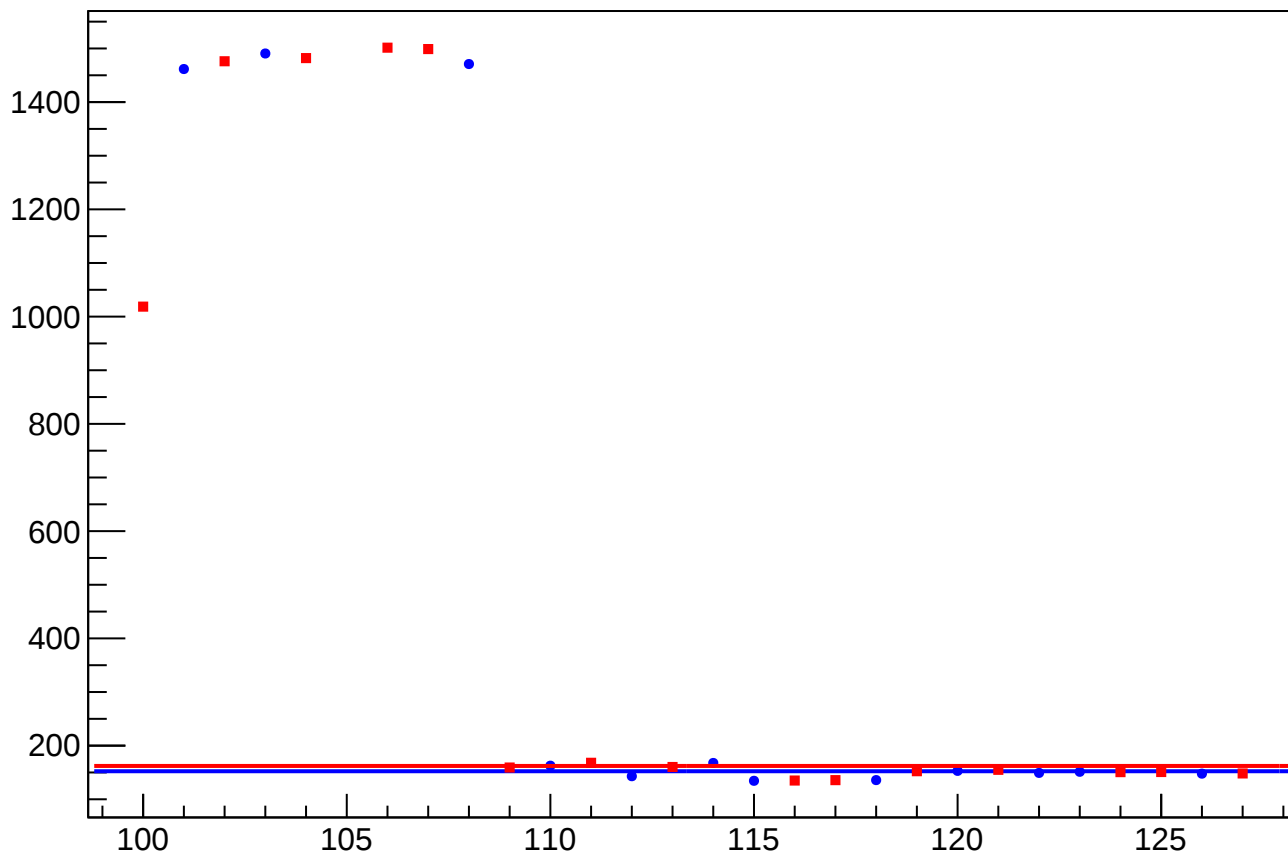
Right Out: 0.008+/-0.000 χ^2/NDF : 6163846.5/14

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 : 6163846.5/14

yield_bcm0l02_mean vs Slug



Right In: 152.284+/-0.001 χ^2/NDF : 24067711599.4/11

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

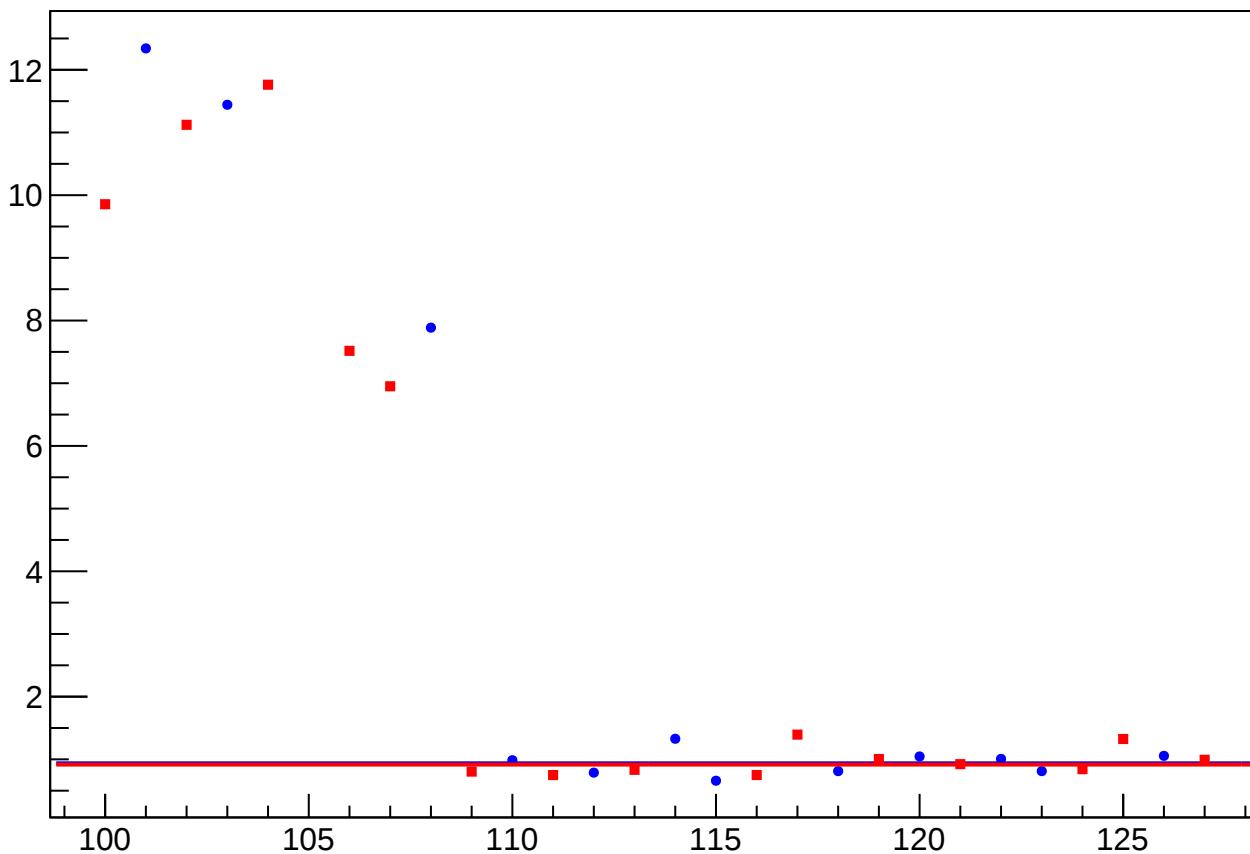
Right Out: 162.159+/-0.001 χ^2/NDF : 32971613773.1/14

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

152.284+/-0.001 χ^2/NDF : 24067711599.4/11

162.159+/-0.001 χ^2/NDF : 32971613773.1/14

yield_bcm0l02_rms vs Slug



Right In: 0.937+/-0.000 χ^2/NDF : 2550303.1/11

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

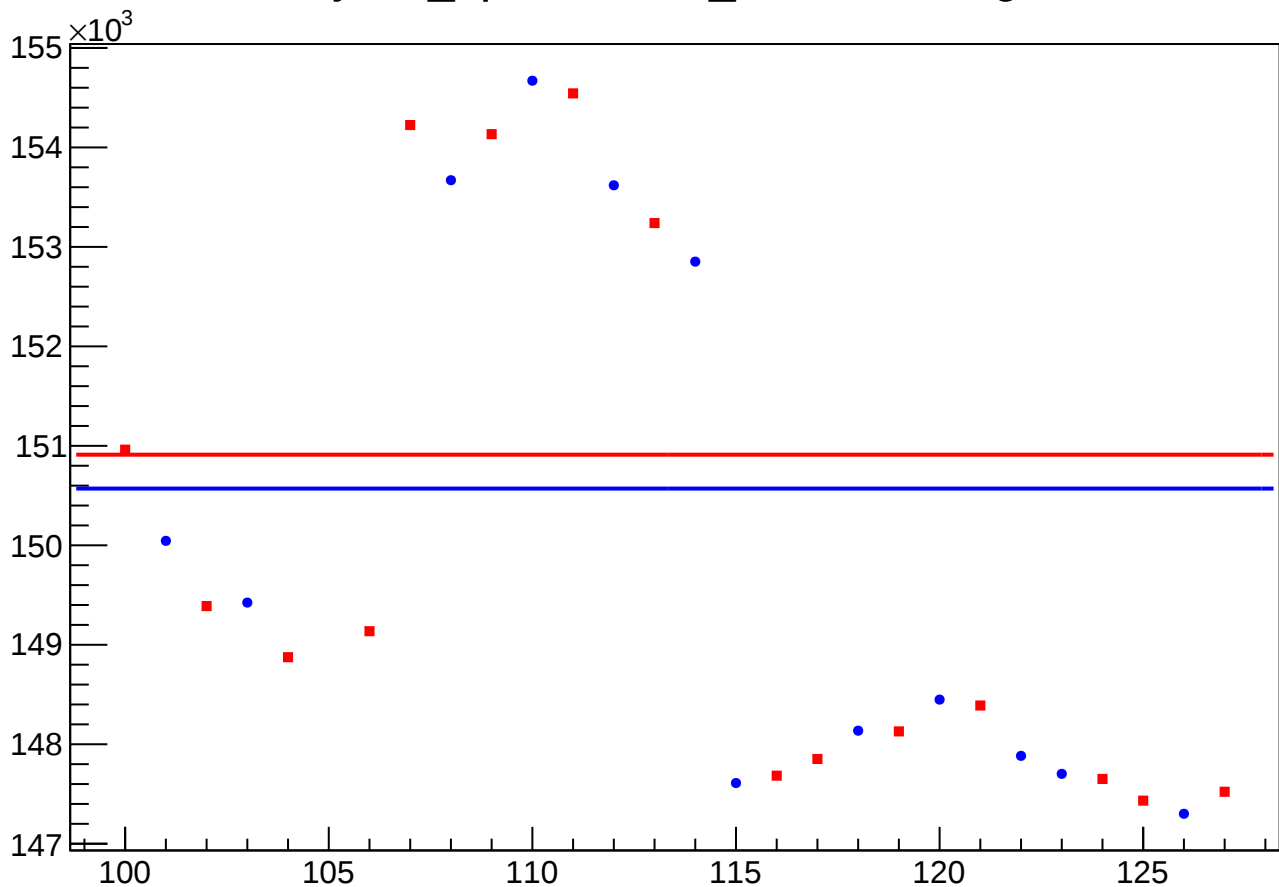
Right Out: 0.916+/-0.000 χ^2/NDF : 2744022.2/14

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

0.937+/-0.000 χ^2/NDF : 2550303.1/11

0.916+/-0.000 χ^2/NDF : 2744022.2/14

yield_bpm0i01WS_mean vs Slug



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

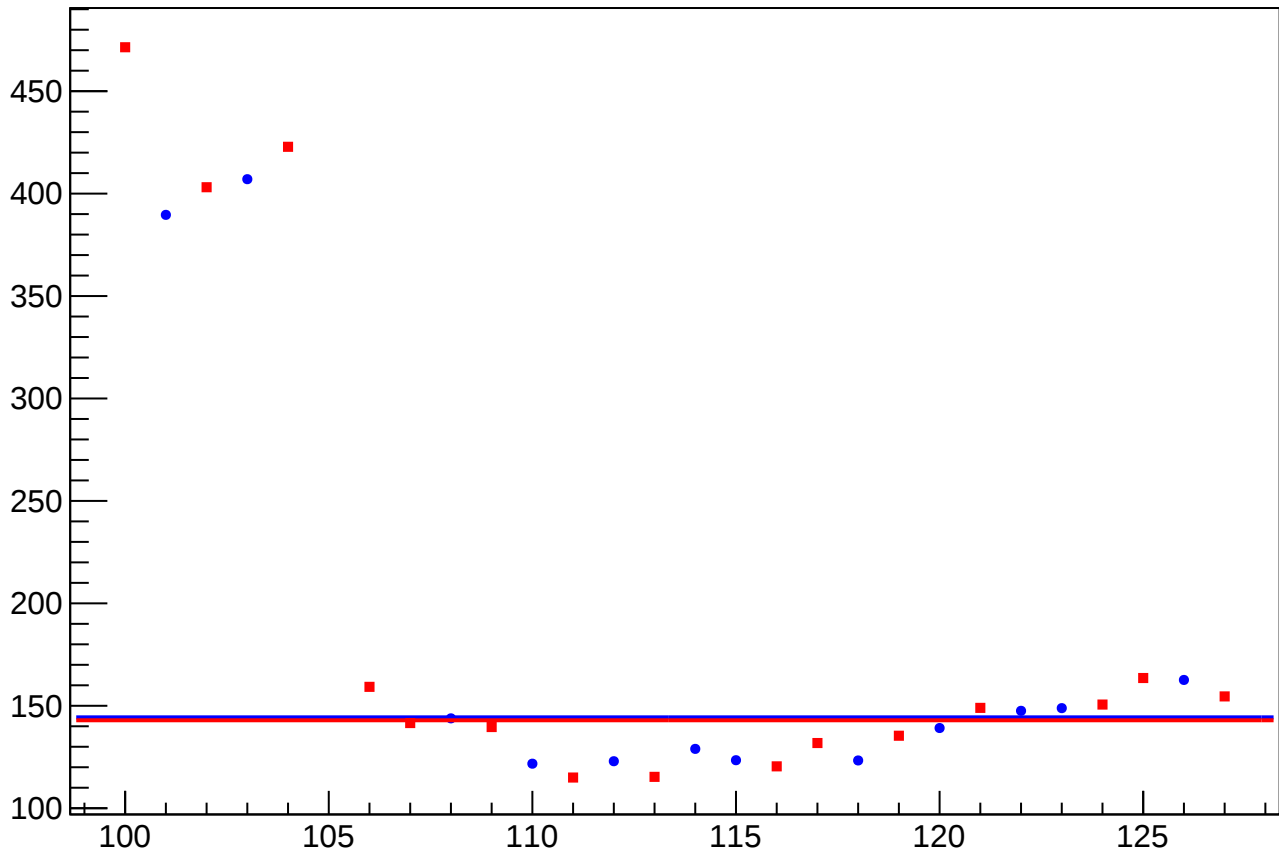
150570.666 $\pm$ 0.076 χ^2 /NDF: 1491337668.3/11

Right Out: 150911.274 $\pm$ 0.068 χ^2 /NDF: 2009420848.7/14

150911.274 $\pm$ 0.068 χ^2 /NDF: 2009420848.7/14

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

yield_bpm0i01WS_rms vs Slug



Right In: 144.357 $\pm$ 0.054 χ^2 /NDF: 1035173.0/11

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

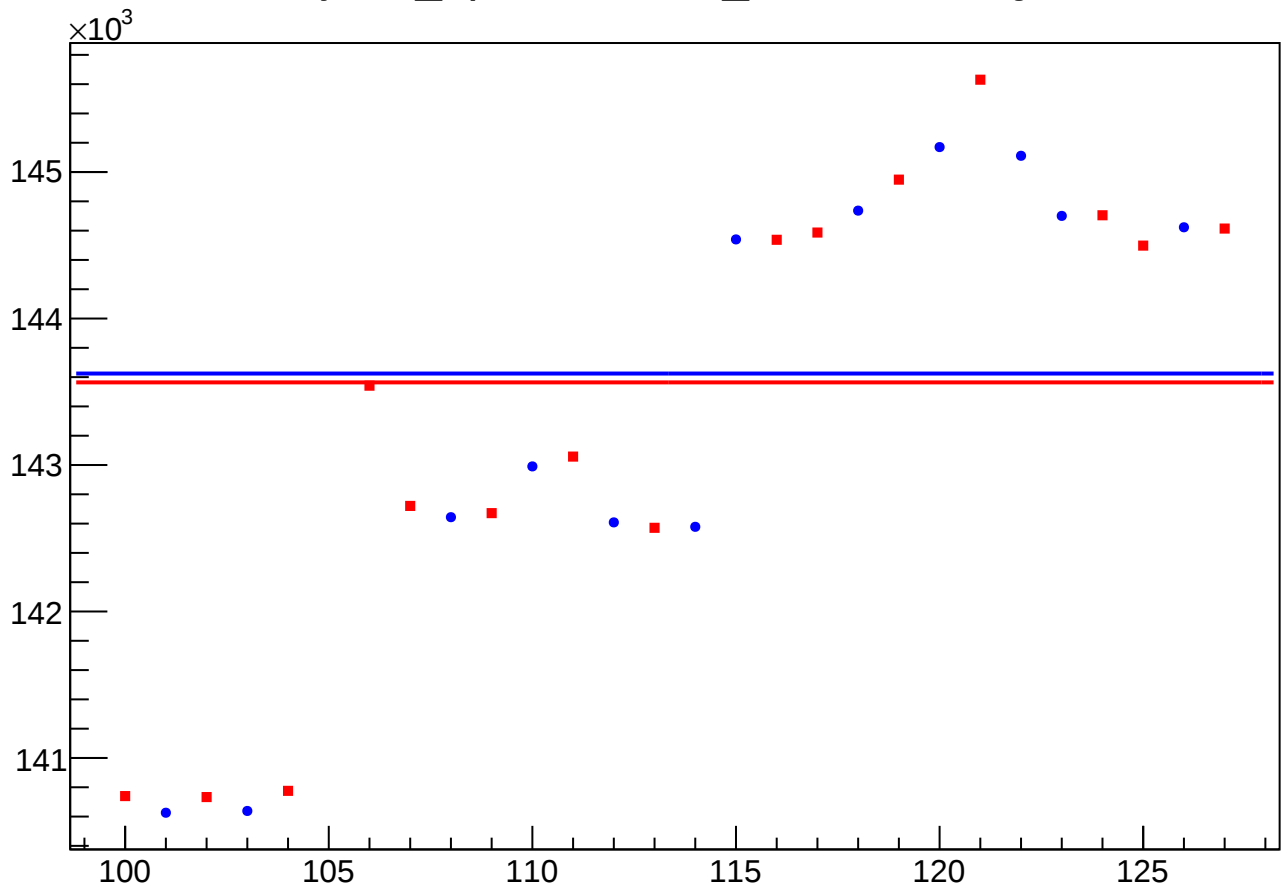
144.357 $\pm$ 0.054 χ^2 /NDF: 1035173.0/11

Right Out: 142.929 $\pm$ 0.048 χ^2 /NDF: 1094232.7/14

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

142.929 $\pm$ 0.048 χ^2 /NDF: 1094232.7/14

yield_bpm0i01aWS_mean vs Slug



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

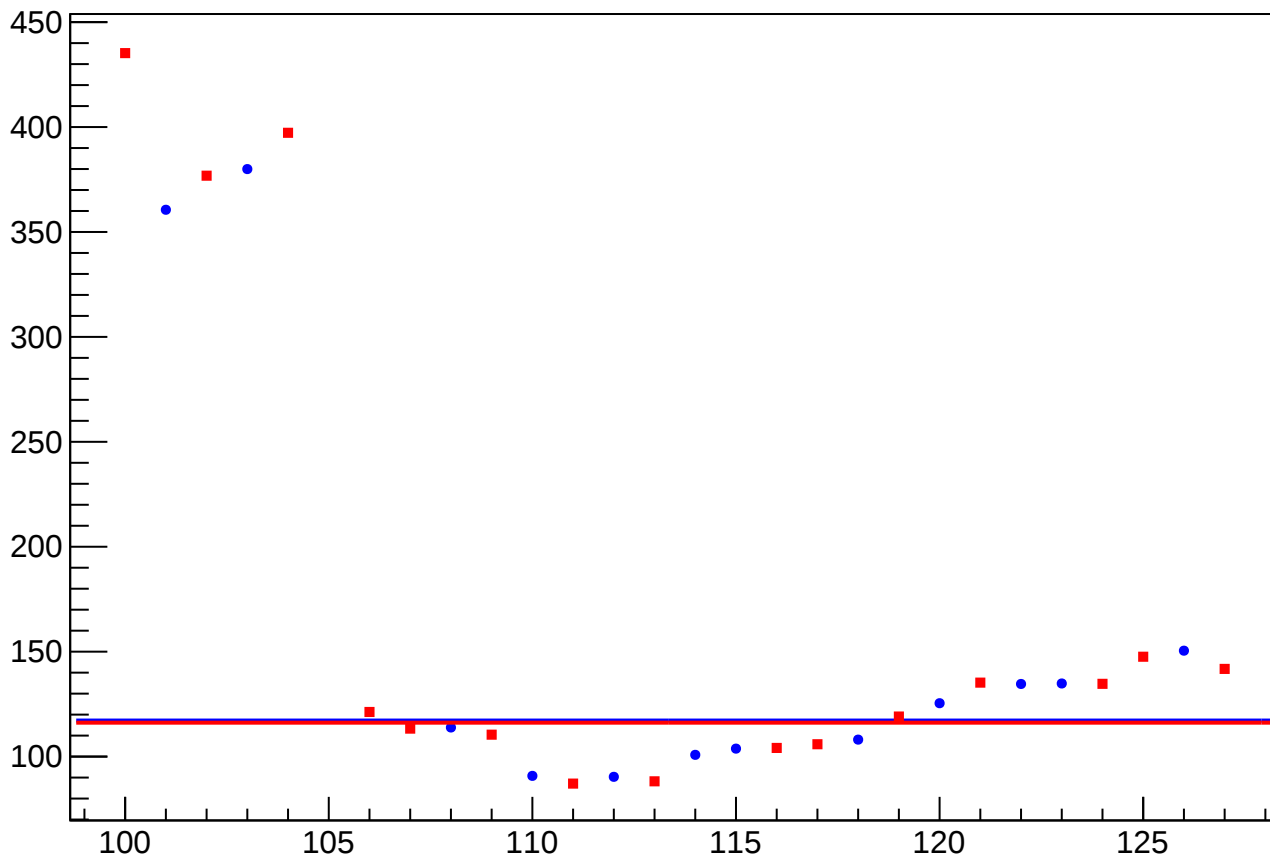
Right Out: 143564.060 $\pm$ 0.055 χ^2 /NDF: 406270374.3/14

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

143624.505 $\pm$ 0.062 χ^2 /NDF: 364150291.9/11

143564.060 $\pm$ 0.055 χ^2 /NDF: 406270374.3/14

yield_bpm0i01aWS_rms vs Slug



Right In: 117.175+/-0.044 χ^2/NDF : 1278437.5/11

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

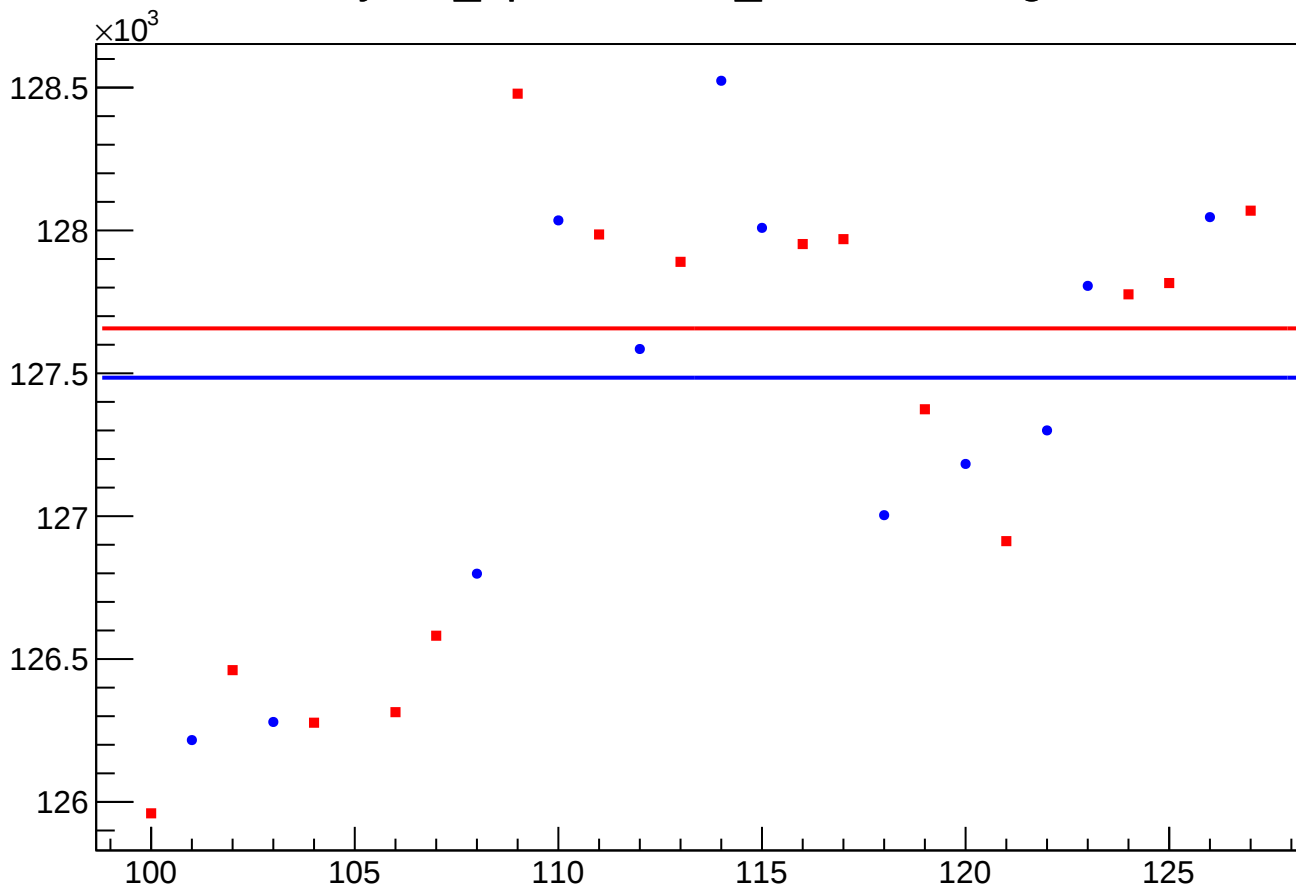
117.175+/-0.044 χ^2/NDF : 1278437.5/11

Right Out: 116.163+/-0.039 χ^2/NDF : 1357976.6/14

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

116.163+/-0.039 χ^2/NDF : 1357976.6/14

yield_bpm0l01WS_mean vs Slug



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

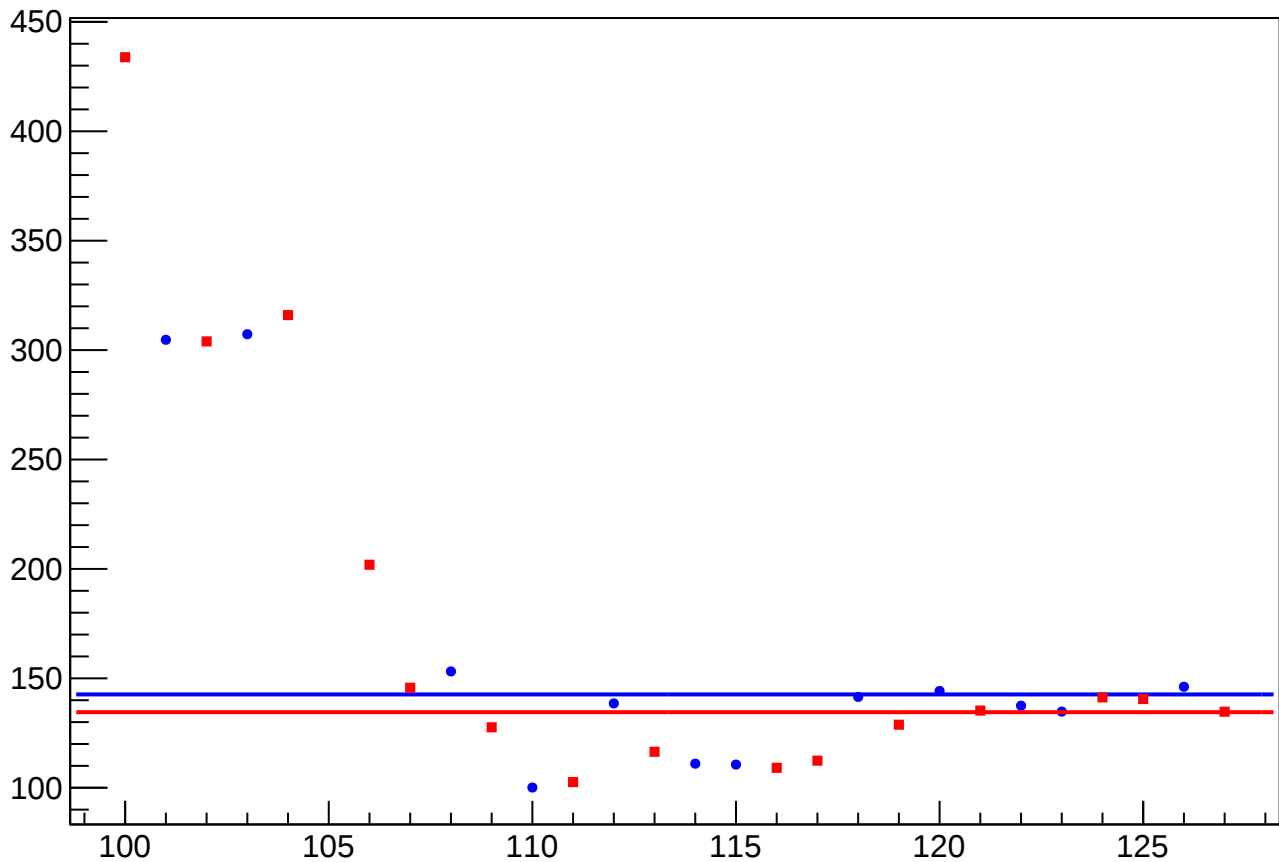
127484.702 $\pm$ 0.074 χ^2 /NDF: 62577794.4/11

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



Right In: 142.650+/-0.052 χ^2/NDF : 821918.6/11

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

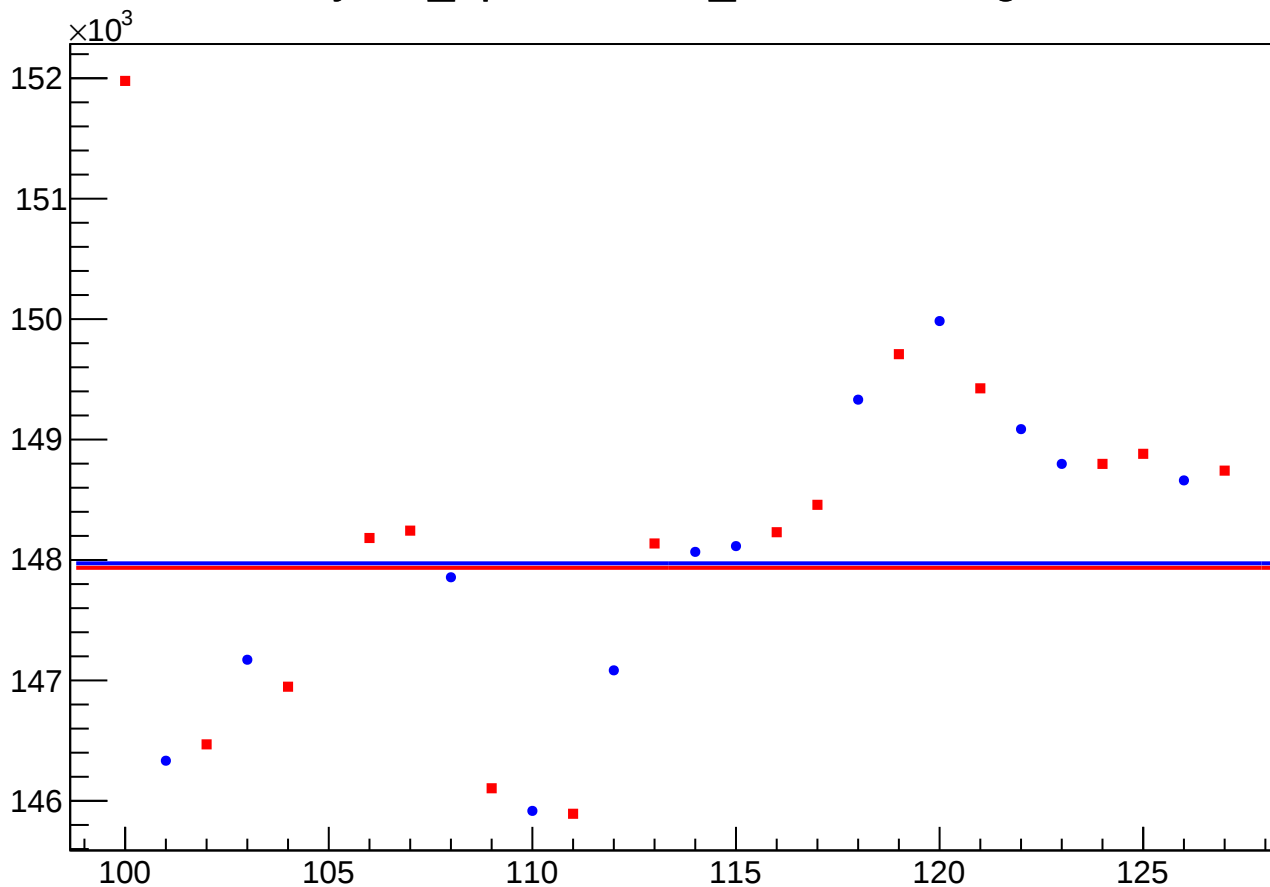
Right Out: 134.527+/-0.044 χ^2/NDF : 928162.5/14

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

142.650+/-0.052 χ^2/NDF : 821918.6/11

134.527+/-0.044 χ^2/NDF : 928162.5/14

yield_bpm0l02WS_mean vs Slug



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

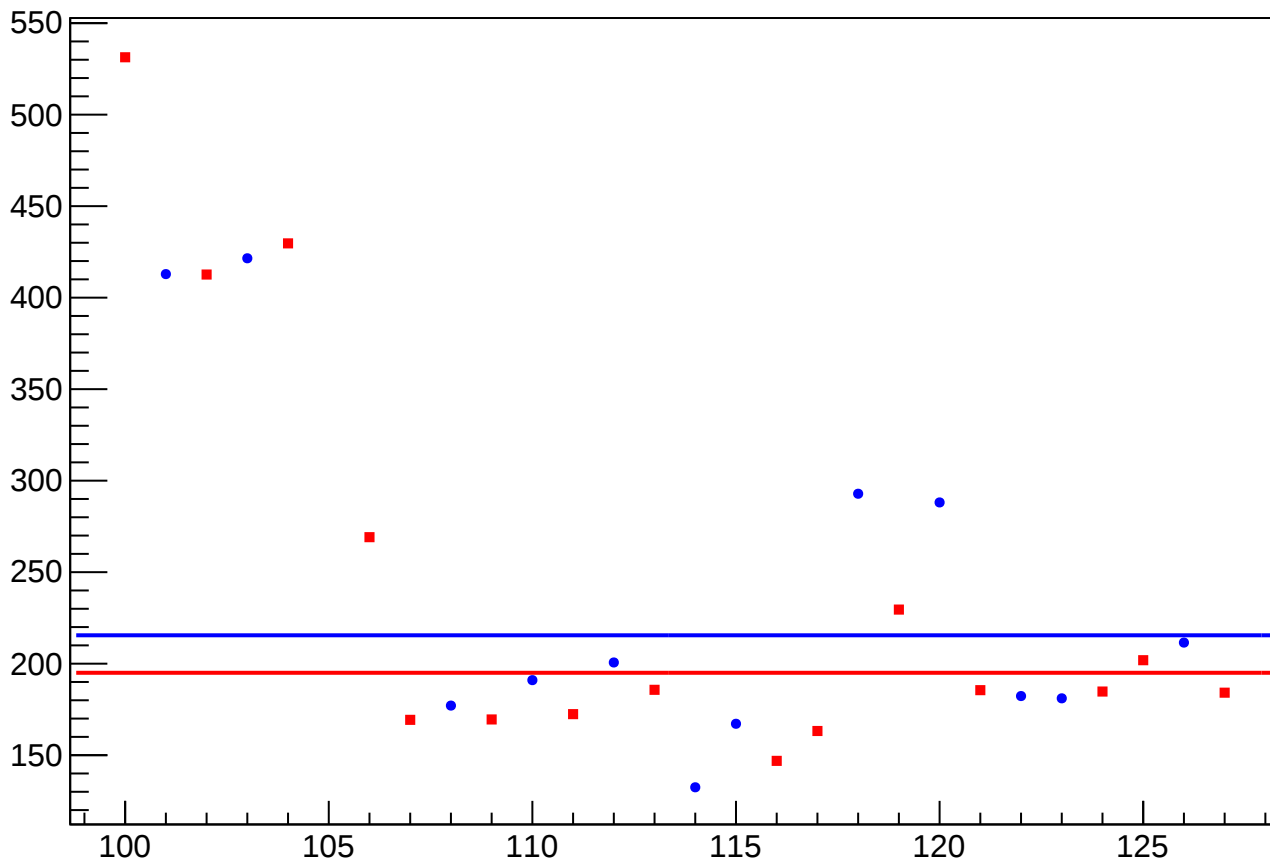
Right Out: 147935.047 $\pm$ 0.091 χ^2 /NDF: 203545297.2/14

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

147972.220 $\pm$ 0.112 χ^2 /NDF: 102709251.5/11

147935.047 $\pm$ 0.091 χ^2 /NDF: 203545297.2/14

yield_bpm0l02WS_rms vs Slug



Right In: 215.511+/-0.080 χ^2/NDF : 834852.2/11

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

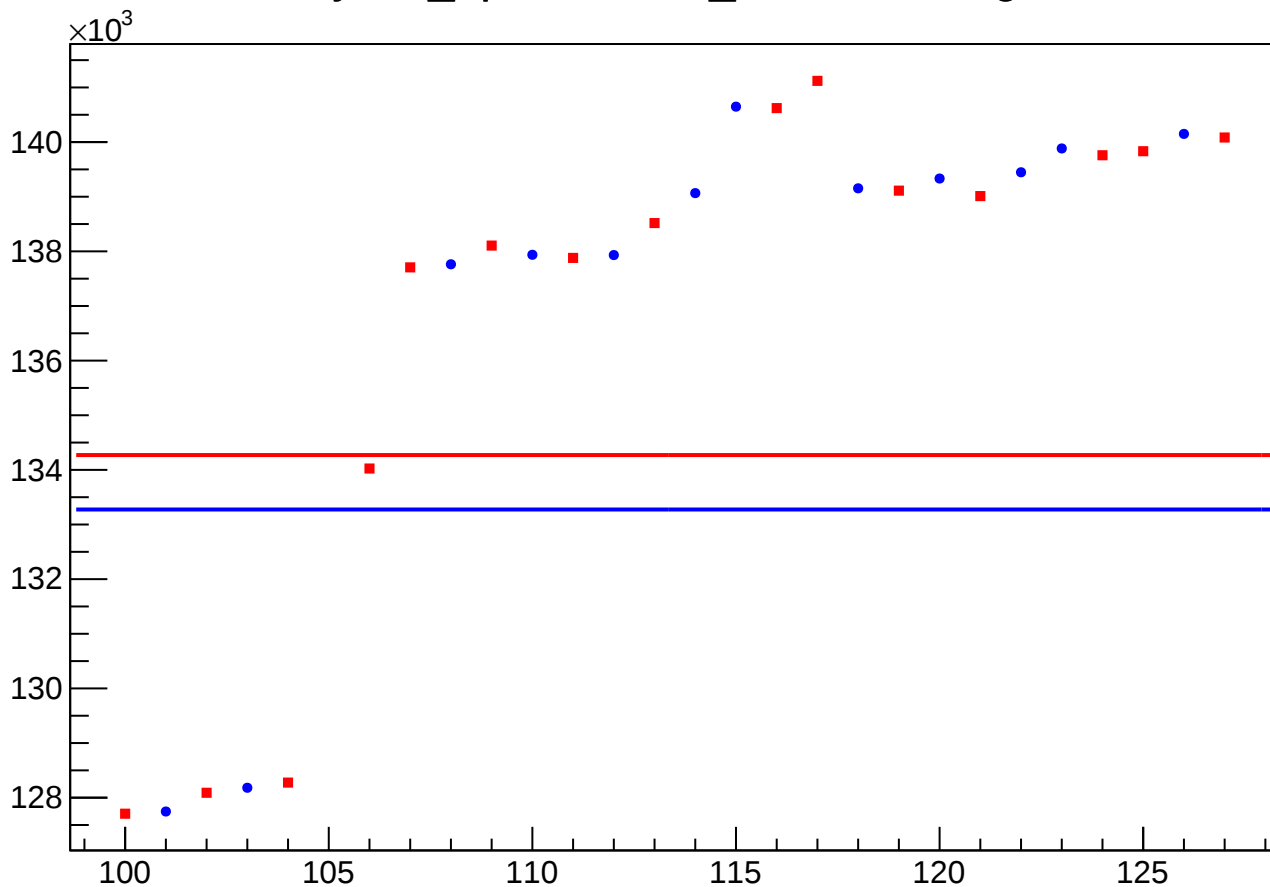
Right Out: 195.022+/-0.064 χ^2/NDF : 824413.7/14

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

215.511+/-0.080 χ^2/NDF : 834852.2/11

195.022+/-0.064 χ^2/NDF : 824413.7/14

yield_bpm0l03WS_mean vs Slug



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

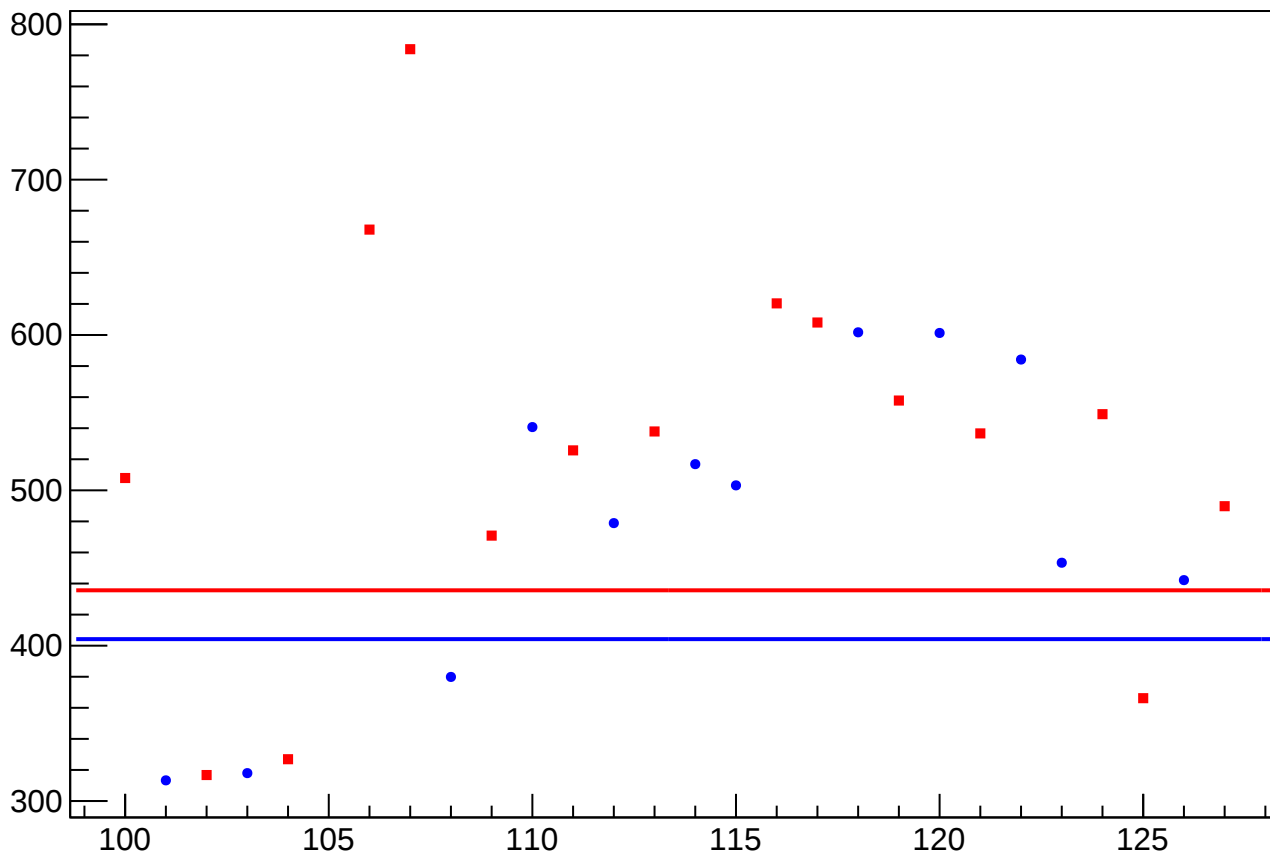
Right Out: 134271.526 $\pm$ 0.204 χ^2 /NDF: 691667029.9/14

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

133274.913 $\pm$ 0.211 χ^2 /NDF: 683632840.3/11

134271.526 $\pm$ 0.204 χ^2 /NDF: 691667029.9/14

yield_bpm0l03WS_rms vs Slug



Right In: 404.211+/-0.149 χ^2/NDF : 504897.6/11

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

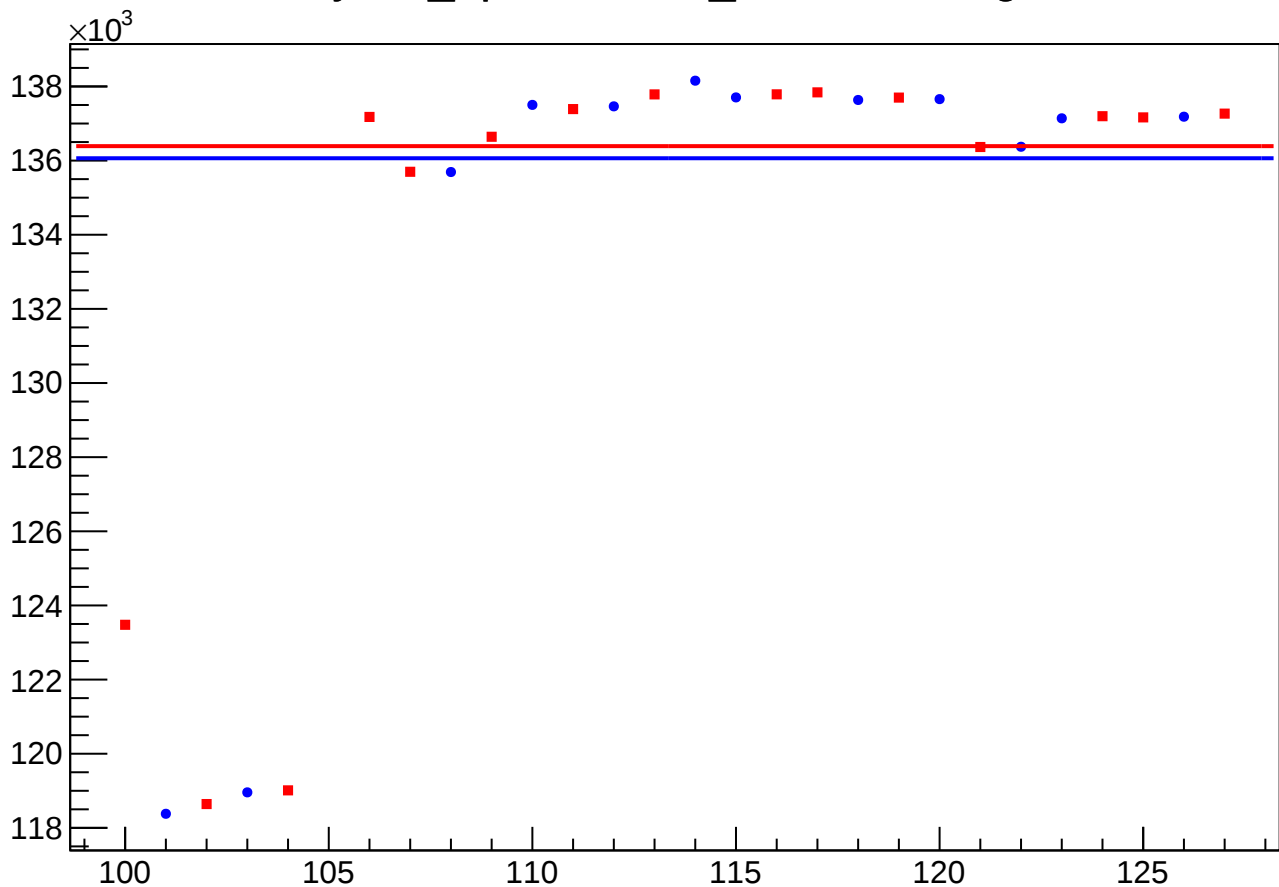
404.211+/-0.149 χ^2/NDF : 504897.6/11

Right Out: 435.643+/-0.144 χ^2/NDF : 679474.9/14

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

435.643+/-0.144 χ^2/NDF : 679474.9/14

yield_bpm0l04WS_mean vs Slug



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

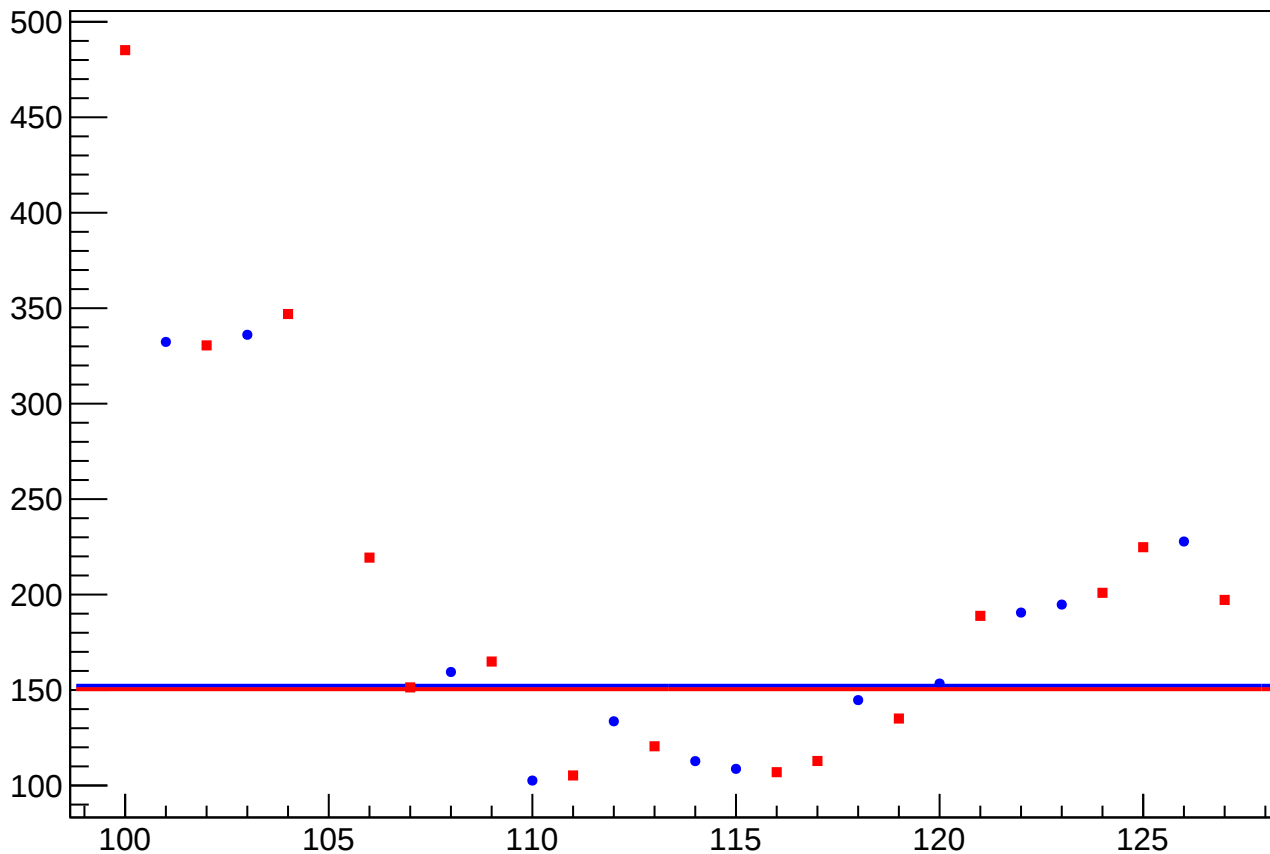
136063.360 $\pm$ 0.080 χ^2 /NDF: 3412791960.8/11

Right Out: 136390.036 $\pm$ 0.071 χ^2 /NDF: 3073162962.9/14

136390.036 $\pm$ 0.071 χ^2 /NDF: 3073162962.9/14

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

yield_bpm0l04WS_rms vs Slug



Right In: 152.230+/-0.057 χ^2/NDF : 1042834.2/11

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

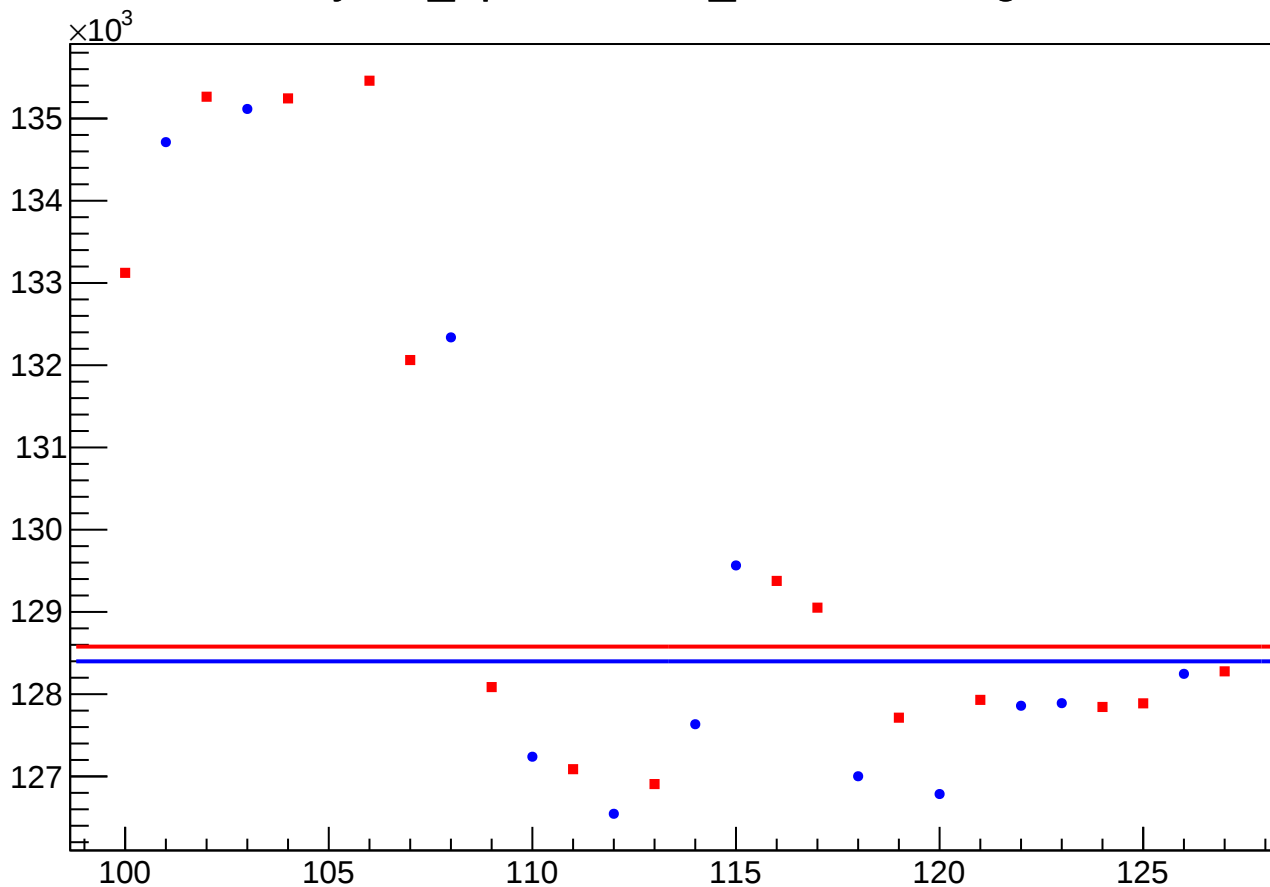
152.230+/-0.057 χ^2/NDF : 1042834.2/11

Right Out: 150.435+/-0.050 χ^2/NDF : 1241433.9/14

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

150.435+/-0.050 χ^2/NDF : 1241433.9/14

yield_bpm0l05WS_mean vs Slug



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

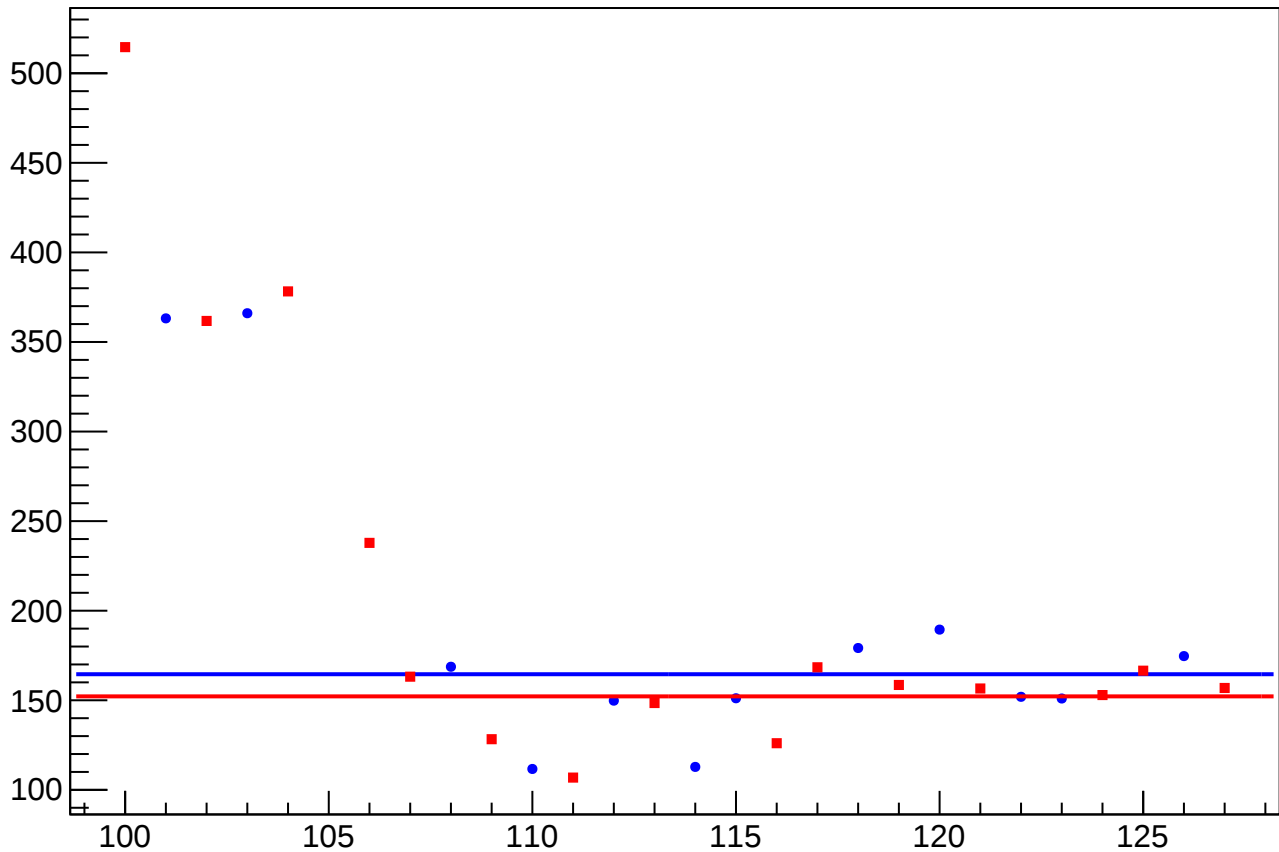
Right Out: 128578.534 $\pm$ 0.072 χ^2 /NDF: 890900440.7/14

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

128399.209 $\pm$ 0.087 χ^2 /NDF: 732712695.5/11

128578.534 $\pm$ 0.072 χ^2 /NDF: 890900440.7/14

yield_bpm0l05WS_rms vs Slug



Right In: 164.543+/-0.062 χ^2/NDF : 916308.6/11

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

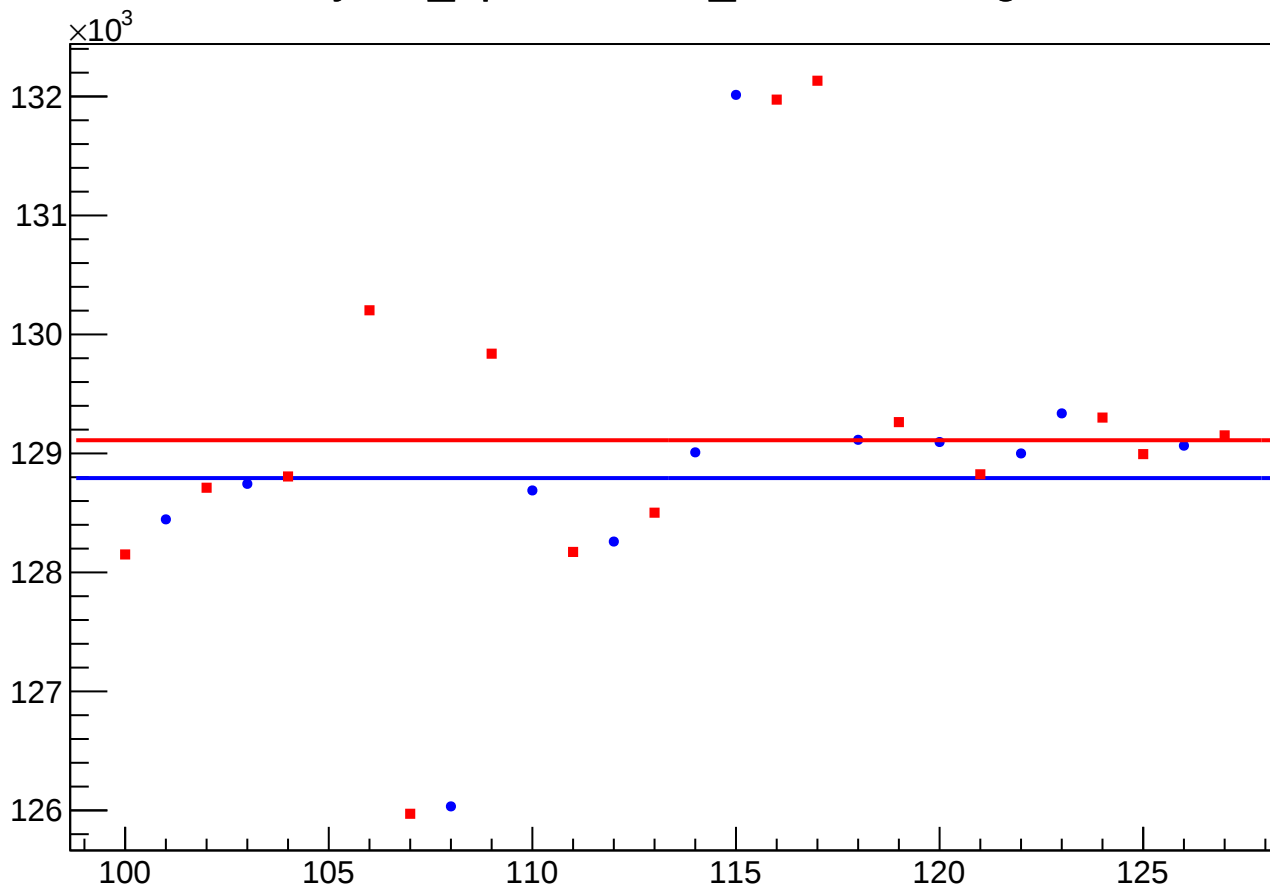
164.543+/-0.062 χ^2/NDF : 916308.6/11

Right Out: 152.180+/-0.051 χ^2/NDF : 1063822.2/14

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

152.180+/-0.051 χ^2/NDF : 1063822.2/14

yield_bpm0l06WS_mean vs Slug



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

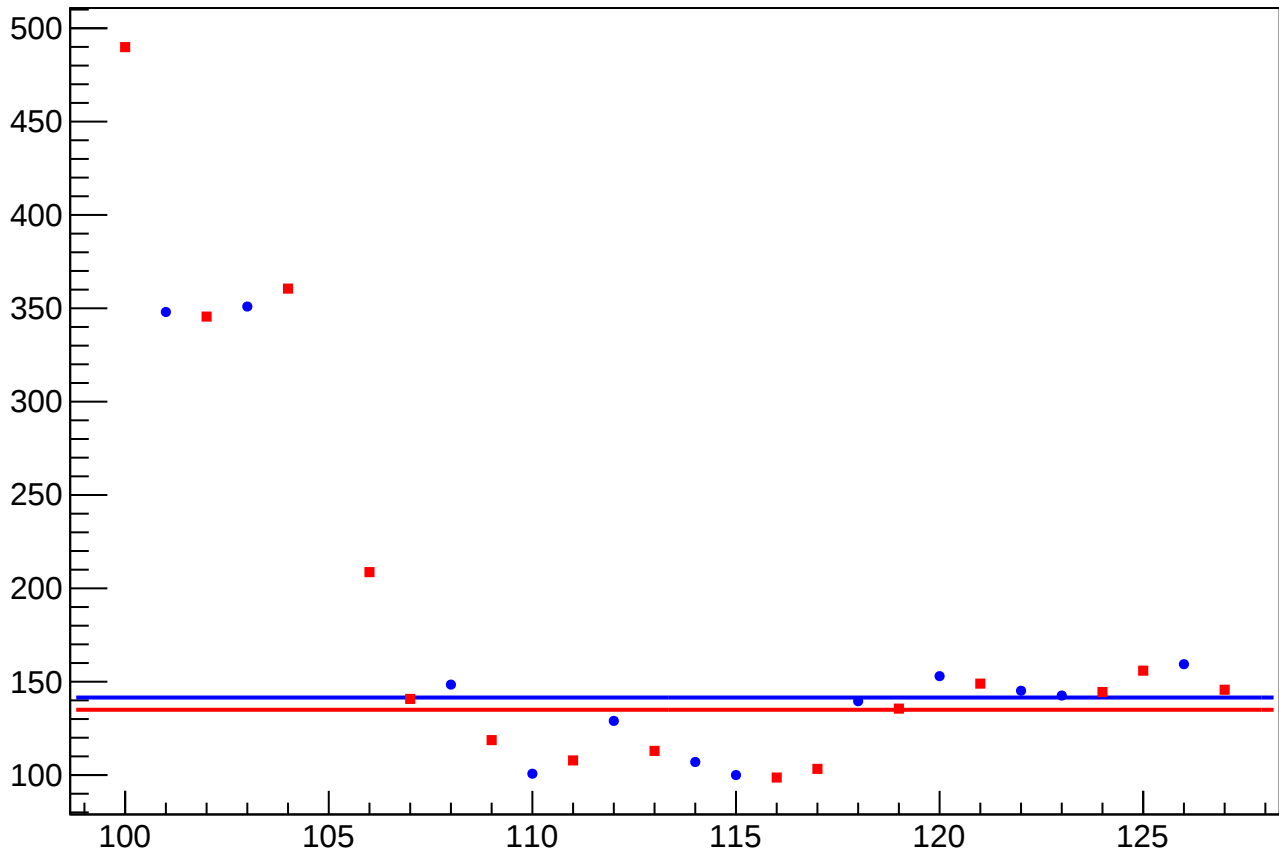
Right Out: 129110.856 $\pm$ 0.063 χ^2 /NDF: 487672013.8/14

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

128792.815 $\pm$ 0.074 χ^2 /NDF: 279910531.7/11

129110.856 $\pm$ 0.063 χ^2 /NDF: 487672013.8/14

yield_bpm0l06WS_rms vs Slug



Right In: 141.528+/-0.053 χ^2/NDF : 1016353.8/11

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

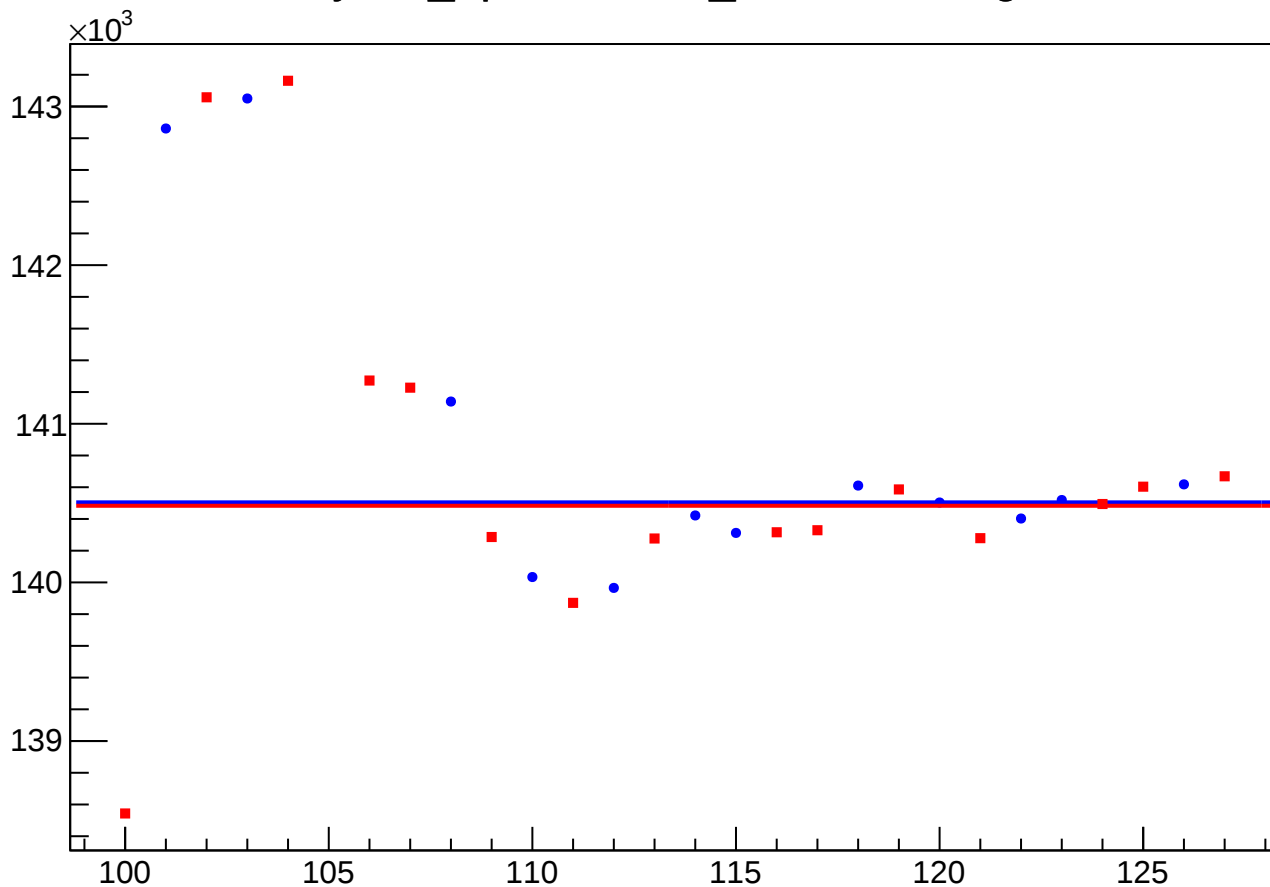
141.528+/-0.053 χ^2/NDF : 1016353.8/11

Right Out: 134.957+/-0.045 χ^2/NDF : 1129276.7/14

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

134.957+/-0.045 χ^2/NDF : 1129276.7/14

yield_bpm0l07WS_mean vs Slug



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

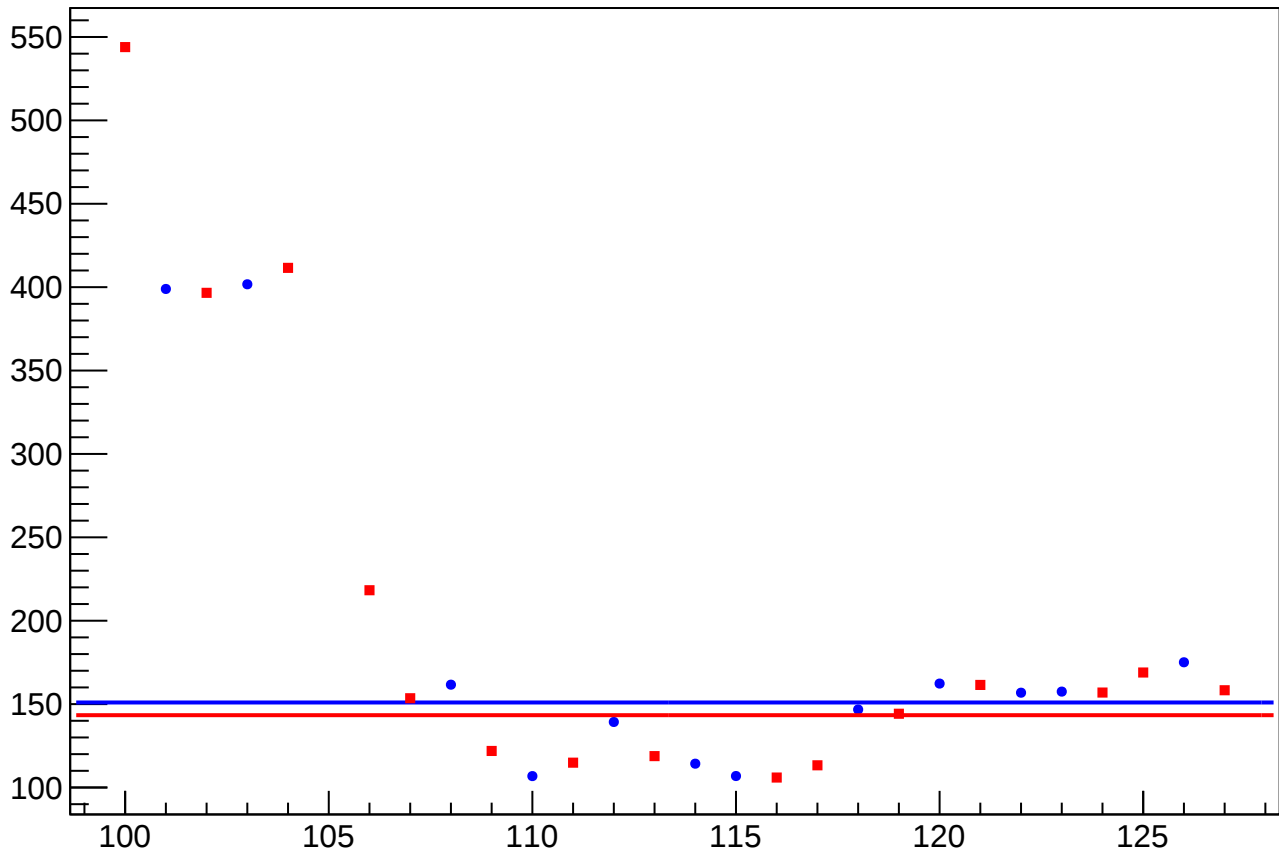
140504.669 $\pm$ 0.080 χ^2 /NDF: 62995792.0/11

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



Right In: 150.975+/-0.056 χ^2/NDF : 1107007.9/11

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

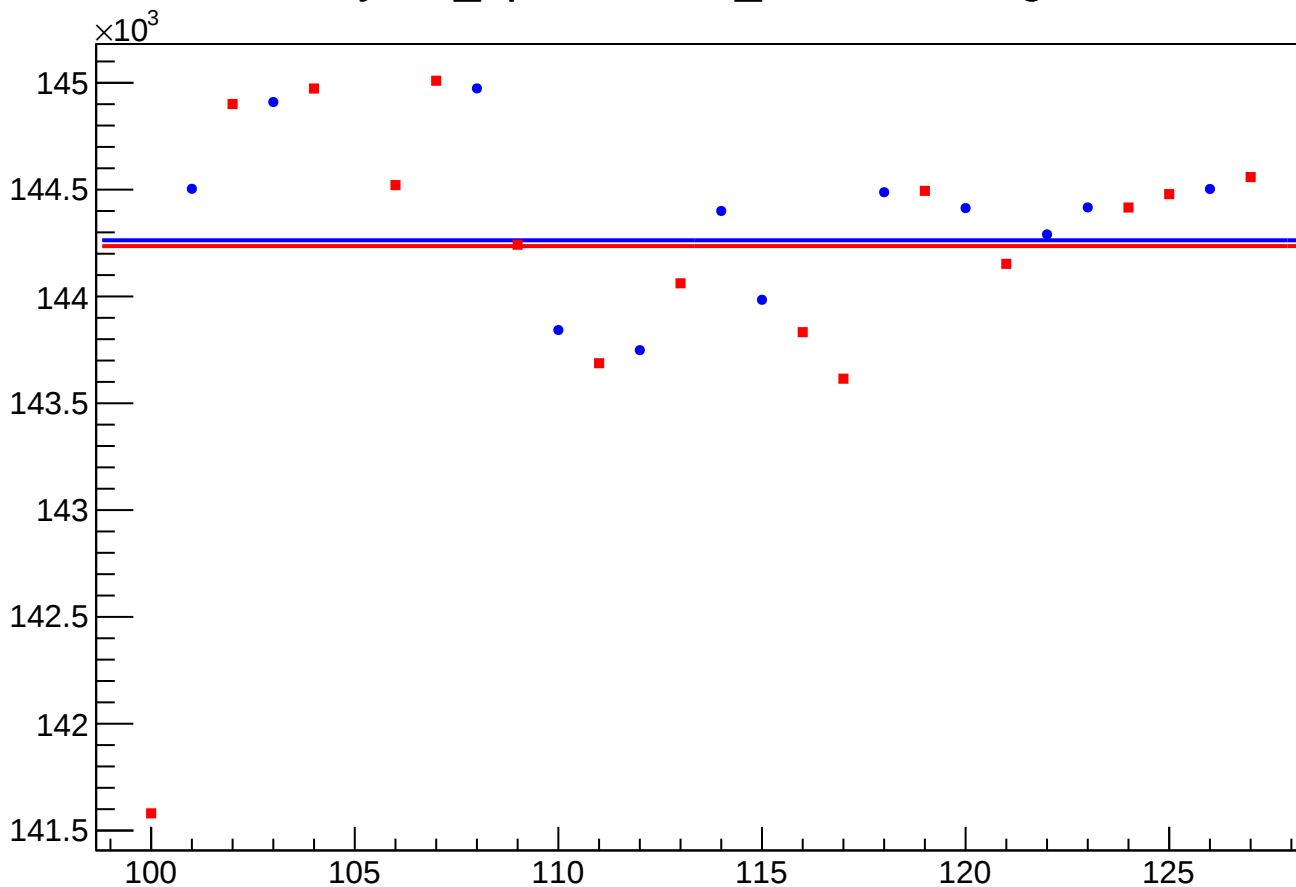
150.975+/-0.056 χ^2/NDF : 1107007.9/11

Right Out: 143.359+/-0.048 χ^2/NDF : 1222779.6/14

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

143.359+/-0.048 χ^2/NDF : 1222779.6/14

yield_bpm0l08WS_mean vs Slug



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

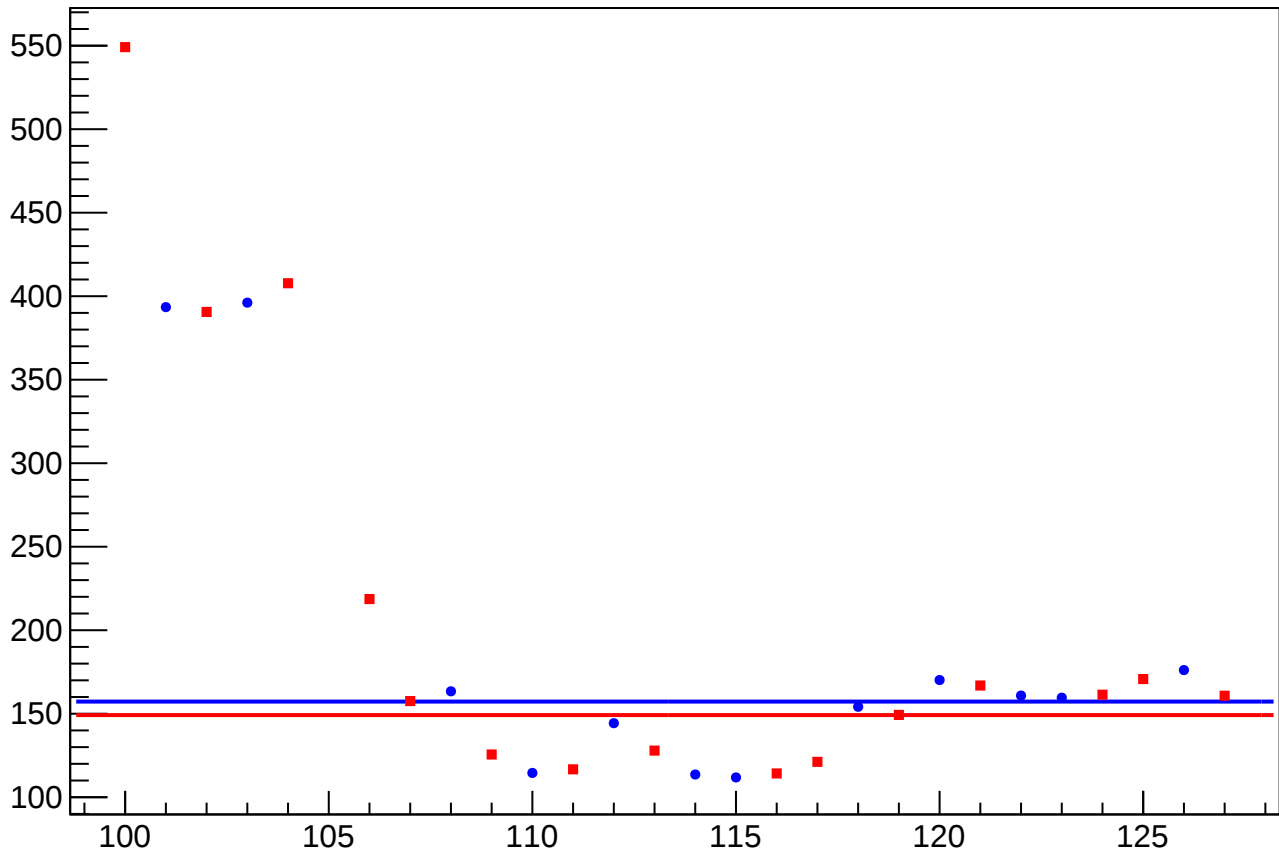
144262.978 $\pm$ 0.083 χ^2 /NDF: 21670673.3/11

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



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

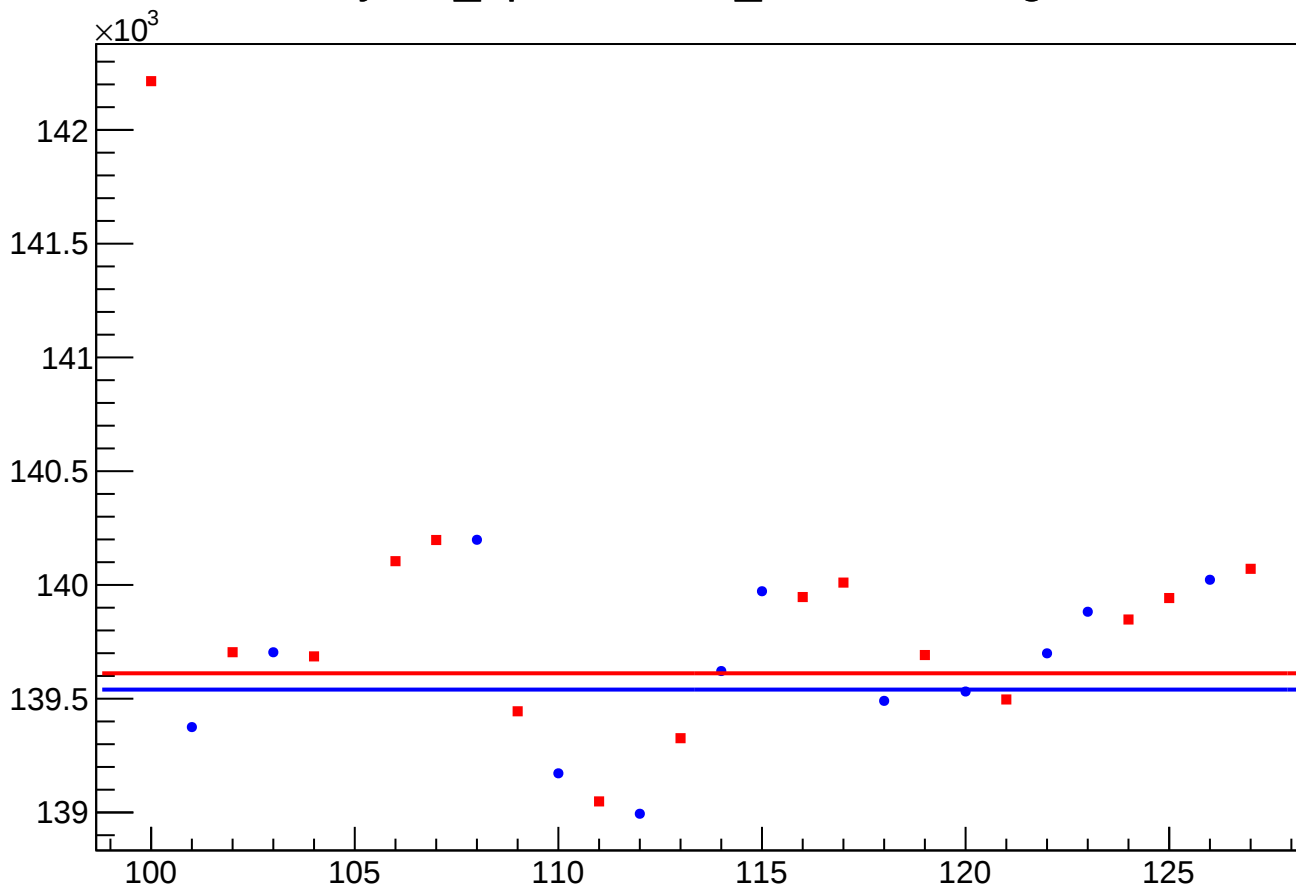
157.268 $\pm$ 0.058 χ^2 /NDF: 1025717.4/11

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

149.184 $\pm$ 0.049 χ^2 /NDF: 1140058.4/14

yield_bpm0l09WS_mean vs Slug



Right In: 139540.051 $\pm$ 0.084 χ^2 /NDF: 20407784.0/11

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

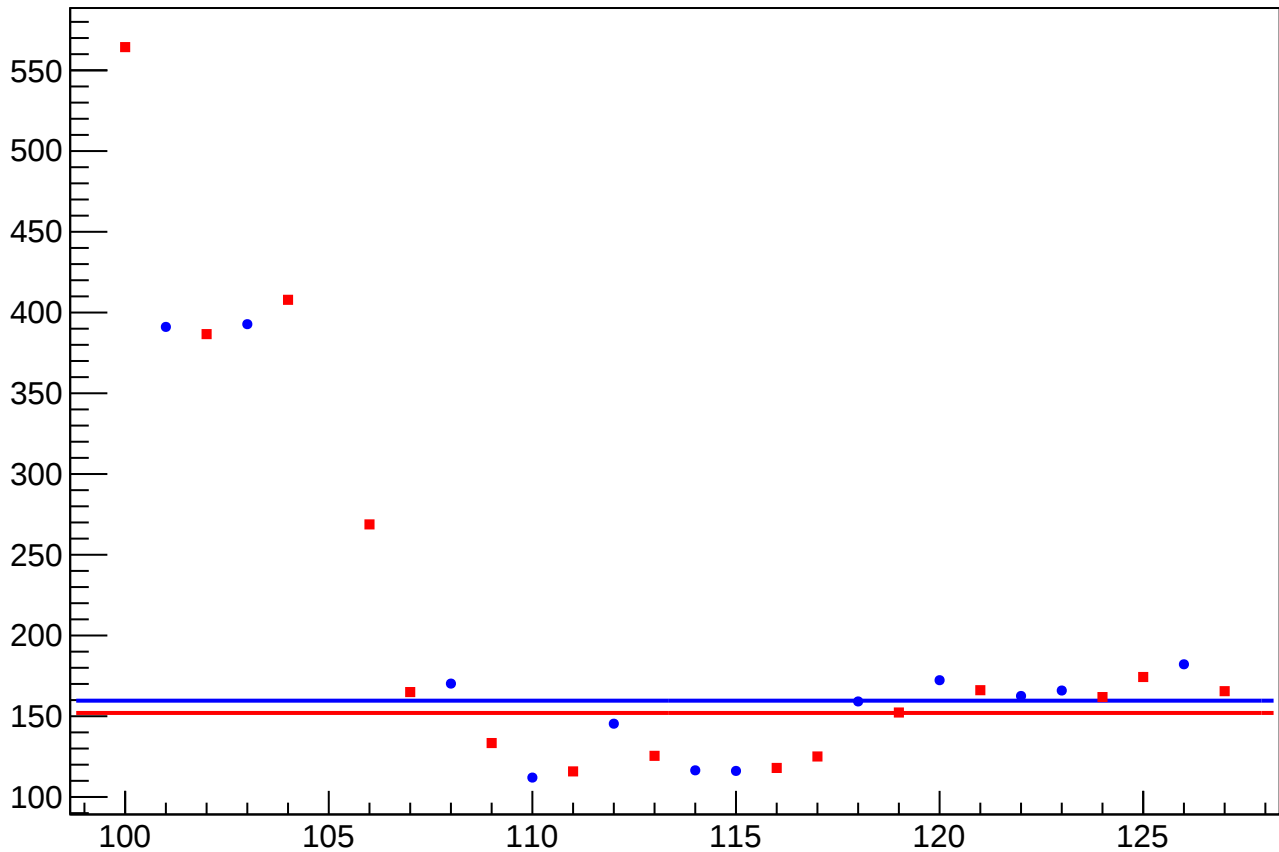
139540.051 $\pm$ 0.084 χ^2 /NDF: 20407784.0/11

Right Out: 139611.641 $\pm$ 0.072 χ^2 /NDF: 27166985.2/14

139611.641 $\pm$ 0.072 χ^2 /NDF: 27166985.2/14

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

yield_bpm0l09WS_rms vs Slug



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

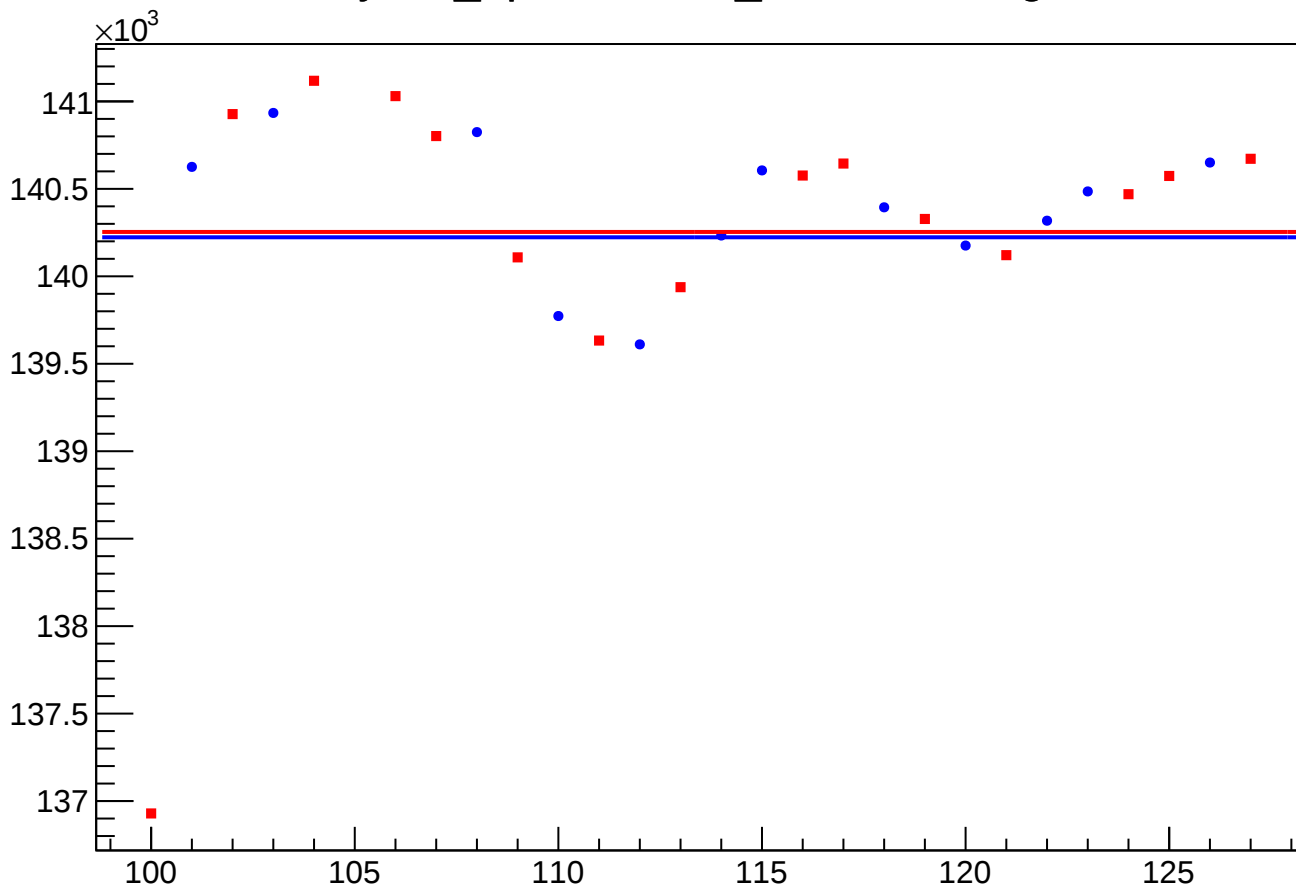
159.643 $\pm$ 0.059 χ^2 /NDF: 1022946.6/11

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

152.039 $\pm$ 0.051 χ^2 /NDF: 1174017.4/14

yield_bpm0l10WS_mean vs Slug



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

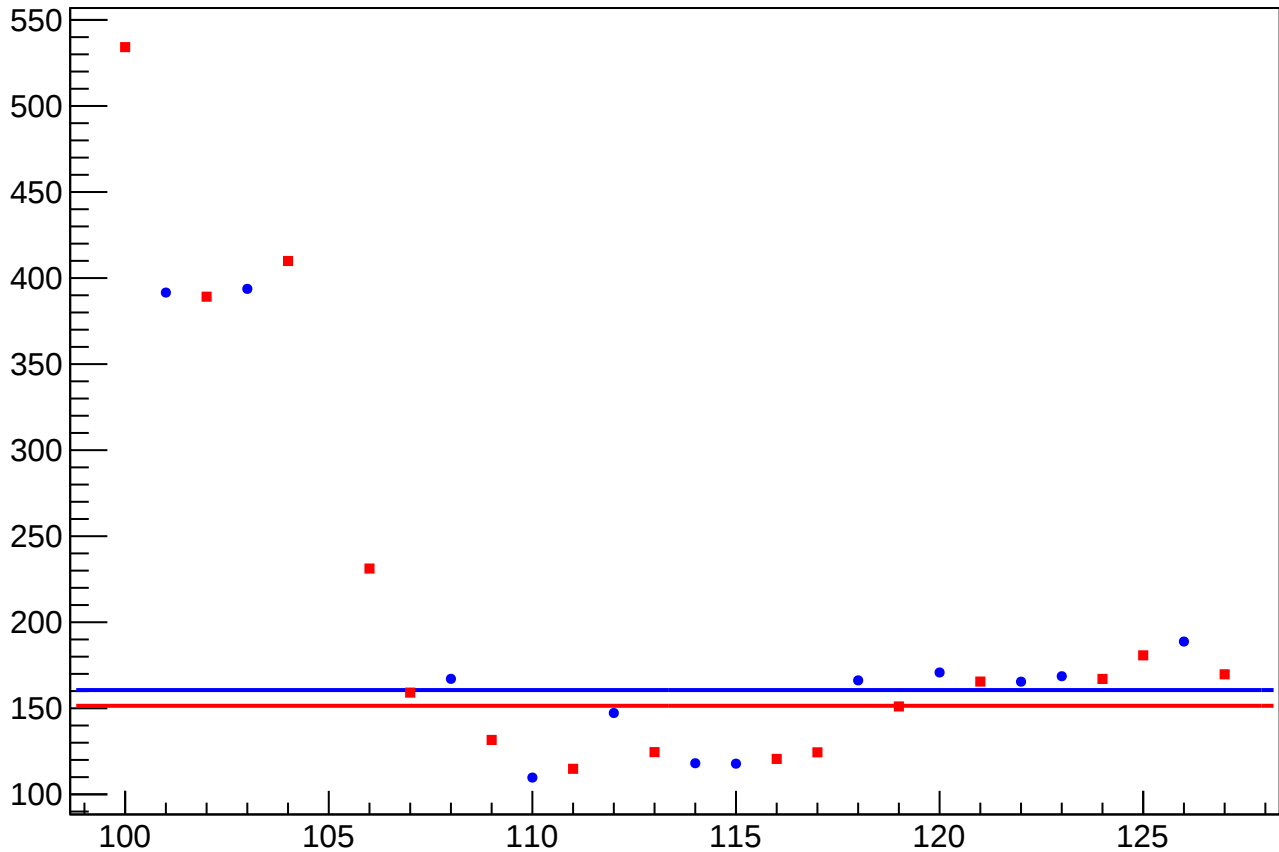
140223.096 $\pm$ 0.085 χ^2 /NDF: 24248715.9/11

Right Out: 140253.662 $\pm$ 0.071 χ^2 /NDF: 35590906.0/14

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

140253.662 $\pm$ 0.071 χ^2 /NDF: 35590906.0/14

yield_bpm0l10WS_rms vs Slug



Right In: 160.598+/-0.060 χ^2/NDF : 1040566.6/11

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

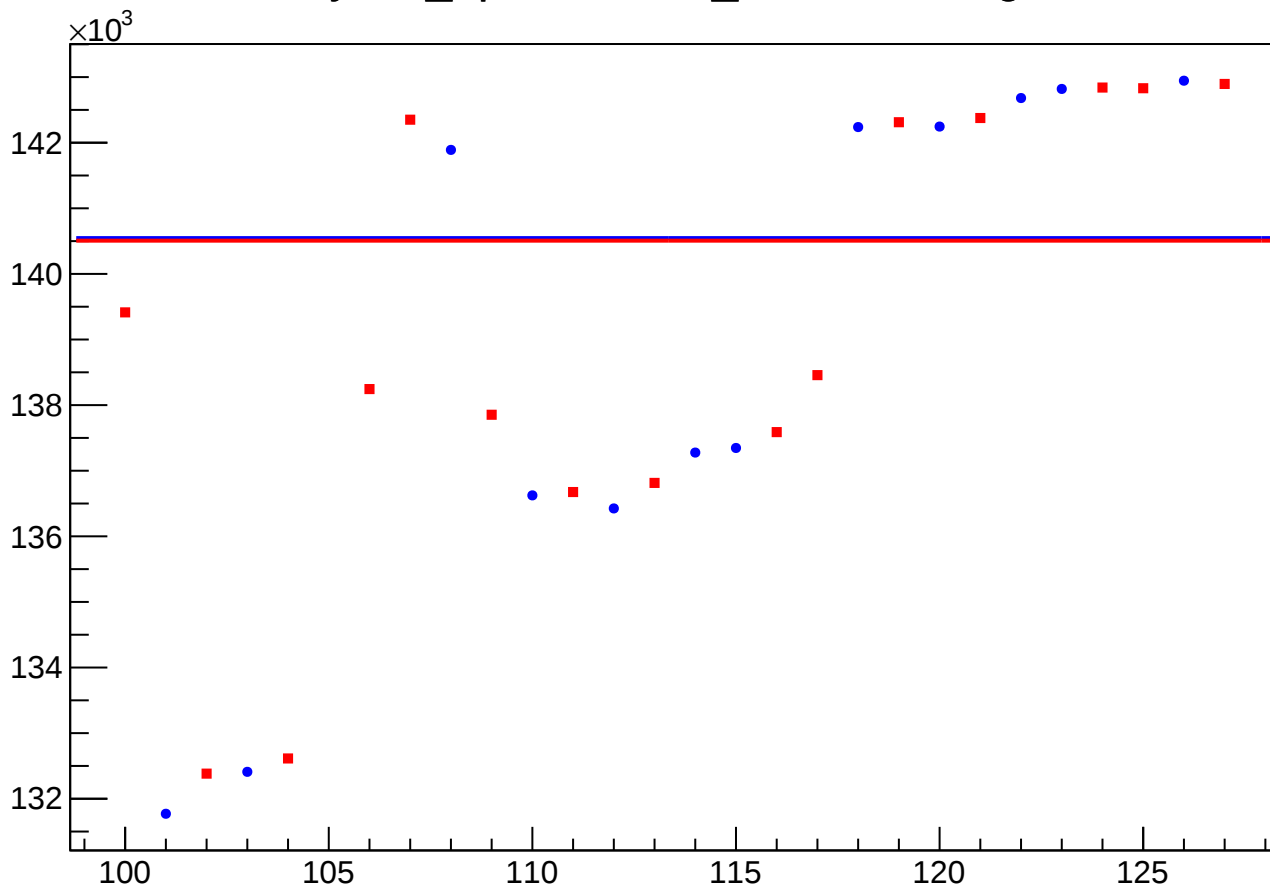
160.598+/-0.060 χ^2/NDF : 1040566.6/11

Right Out: 151.457+/-0.050 χ^2/NDF : 1149725.9/14

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

151.457+/-0.050 χ^2/NDF : 1149725.9/14

yield_bpm0r03WS_mean vs Slug



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

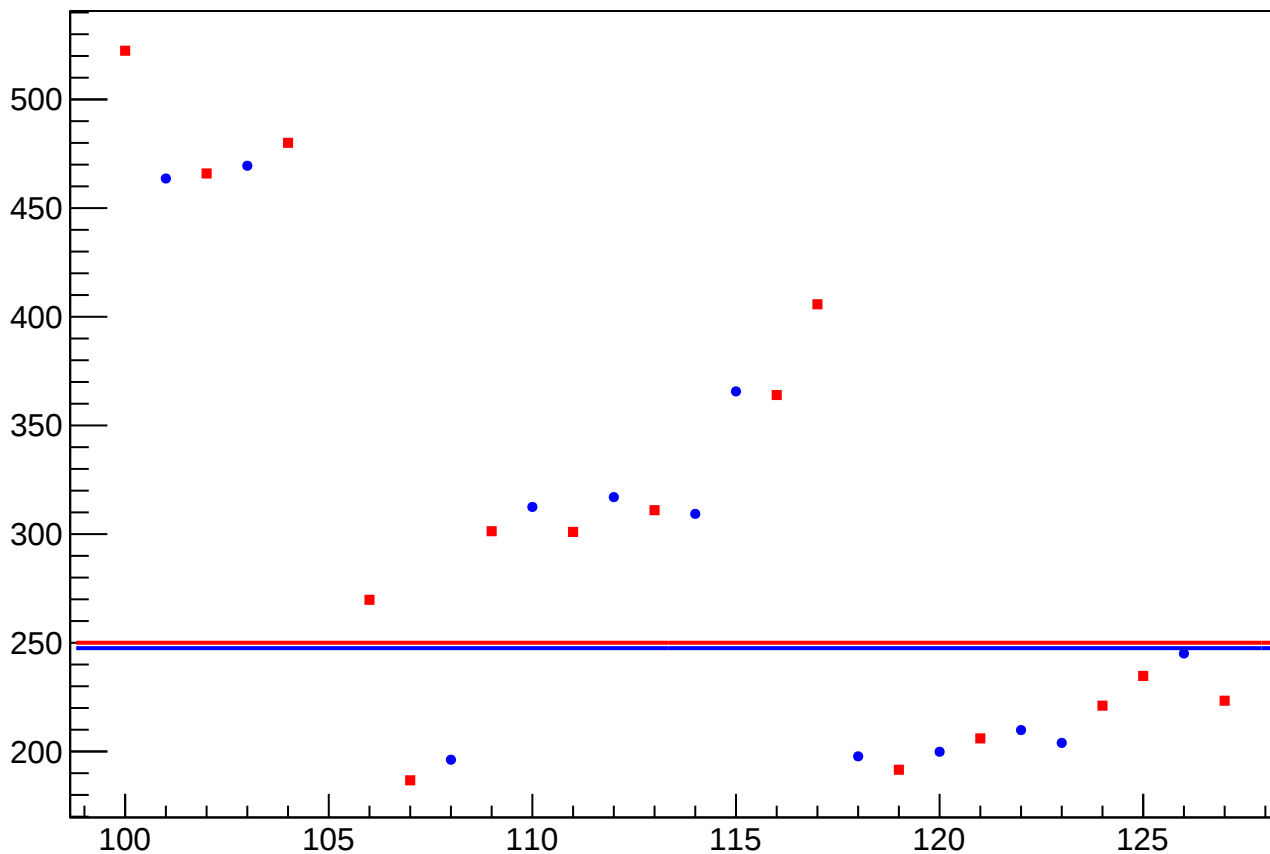
Right Out: 140506.952 $\pm$ 0.115 χ^2 /NDF: 706203454.2/14

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

140545.808 $\pm$ 0.127 χ^2 /NDF: 690559714.9/11

140506.952 $\pm$ 0.115 χ^2 /NDF: 706203454.2/14

yield_bpm0r03WS_rms vs Slug



Right In: 247.524+/-0.090 χ^2/NDF : 794888.8/11

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

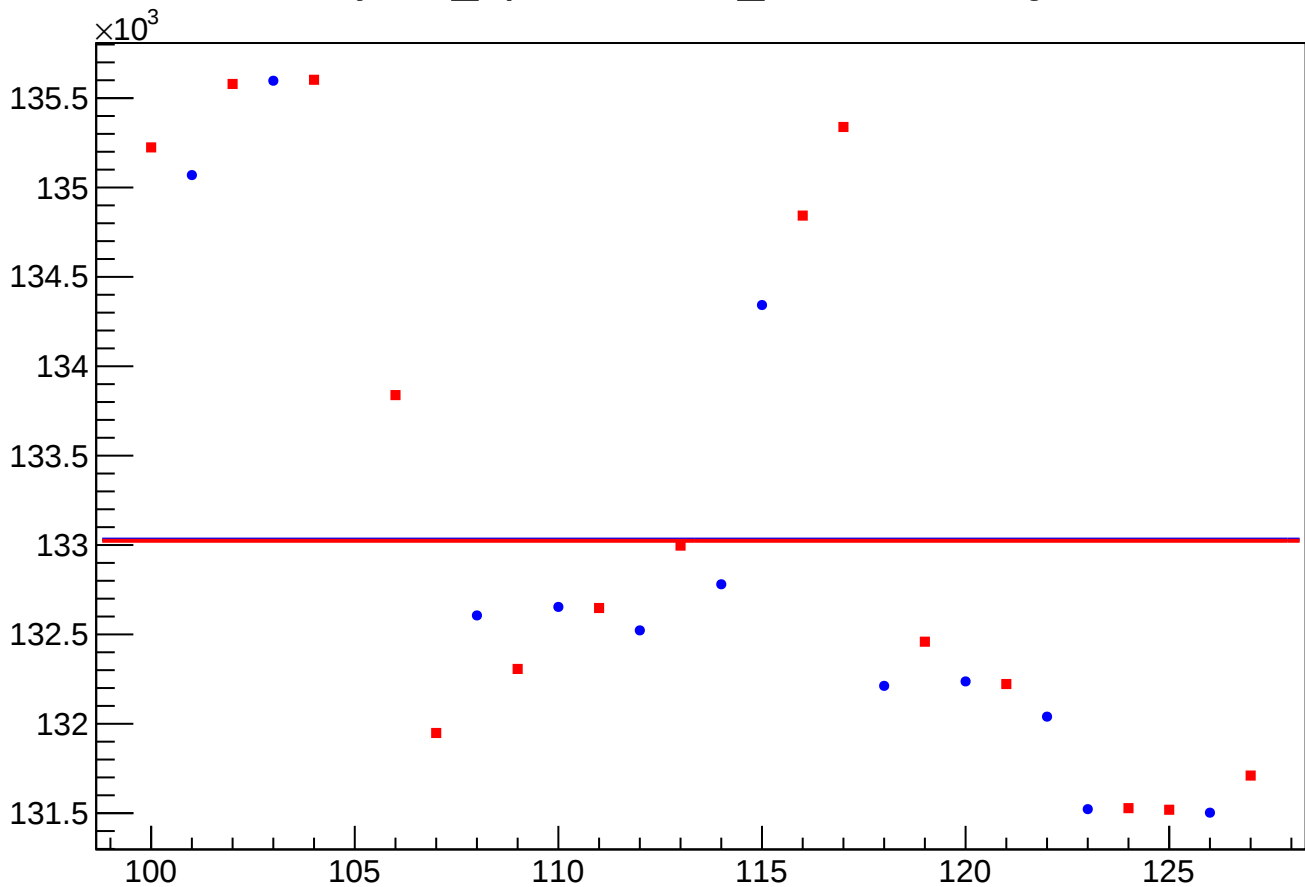
Right Out: 250.025+/-0.082 χ^2/NDF : 867669.6/14

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

247.524+/-0.090 χ^2/NDF : 794888.8/11

250.025+/-0.082 χ^2/NDF : 867669.6/14

yield_bpm0r05WS_mean vs Slug



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

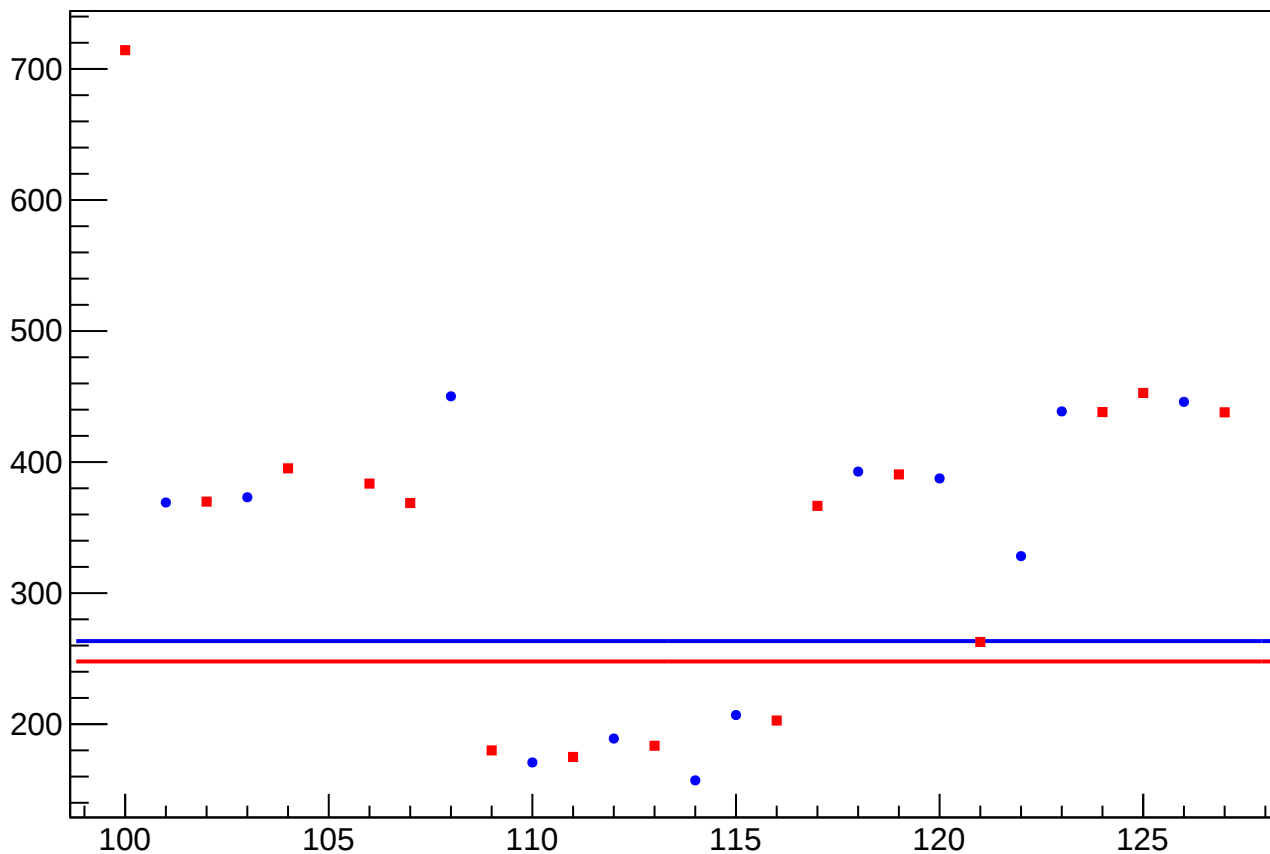
133030.388 $\pm$ 0.139 χ^2 /NDF: 67163776.6/11

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



Right In: 263.388+/-0.098 χ^2/NDF : 1113291.0/11

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

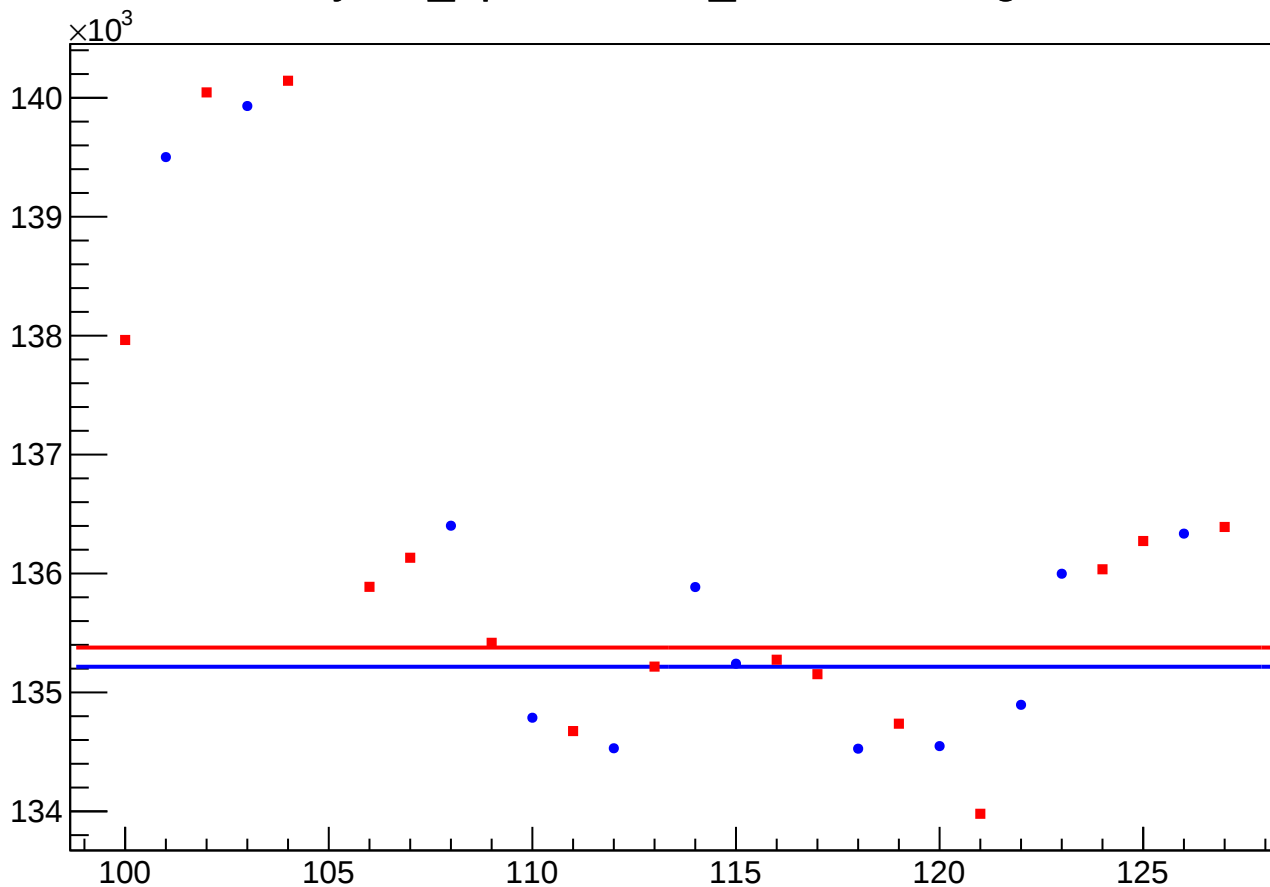
263.388+/-0.098 χ^2/NDF : 1113291.0/11

Right Out: 247.850+/-0.084 χ^2/NDF : 1352423.9/14

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

247.850+/-0.084 χ^2/NDF : 1352423.9/14

yield_bpm0i02WS_mean vs Slug



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

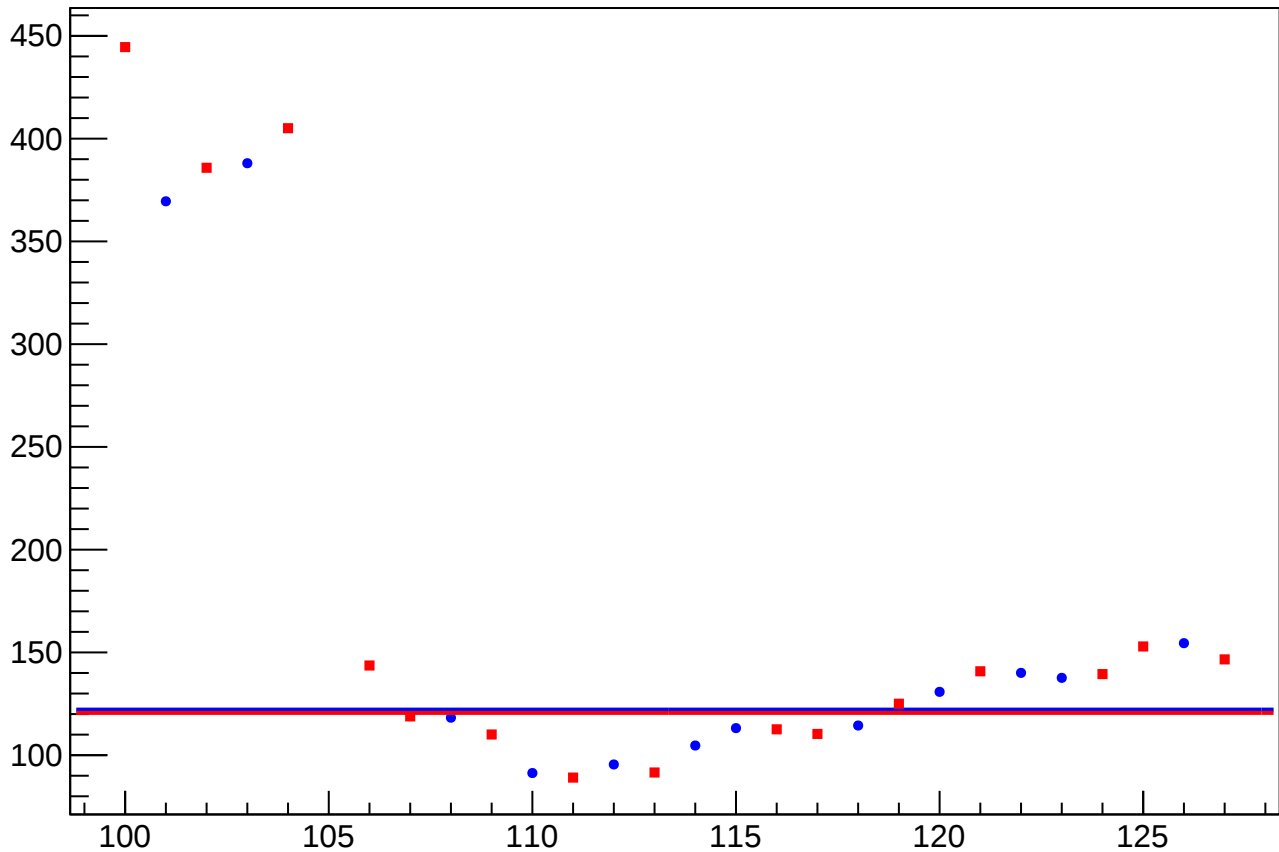
135215.954 $\pm$ 0.065 χ^2 /NDF: 282366051.9/11

Right Out: 135377.319 $\pm$ 0.058 χ^2 /NDF: 280009034.3/14

135377.319 $\pm$ 0.058 χ^2 /NDF: 280009034.3/14

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

yield_bpm0i02WS_rms vs Slug



Right In: 122.172 $\pm$ 0.046 χ^2 /NDF: 1261224.0/11

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

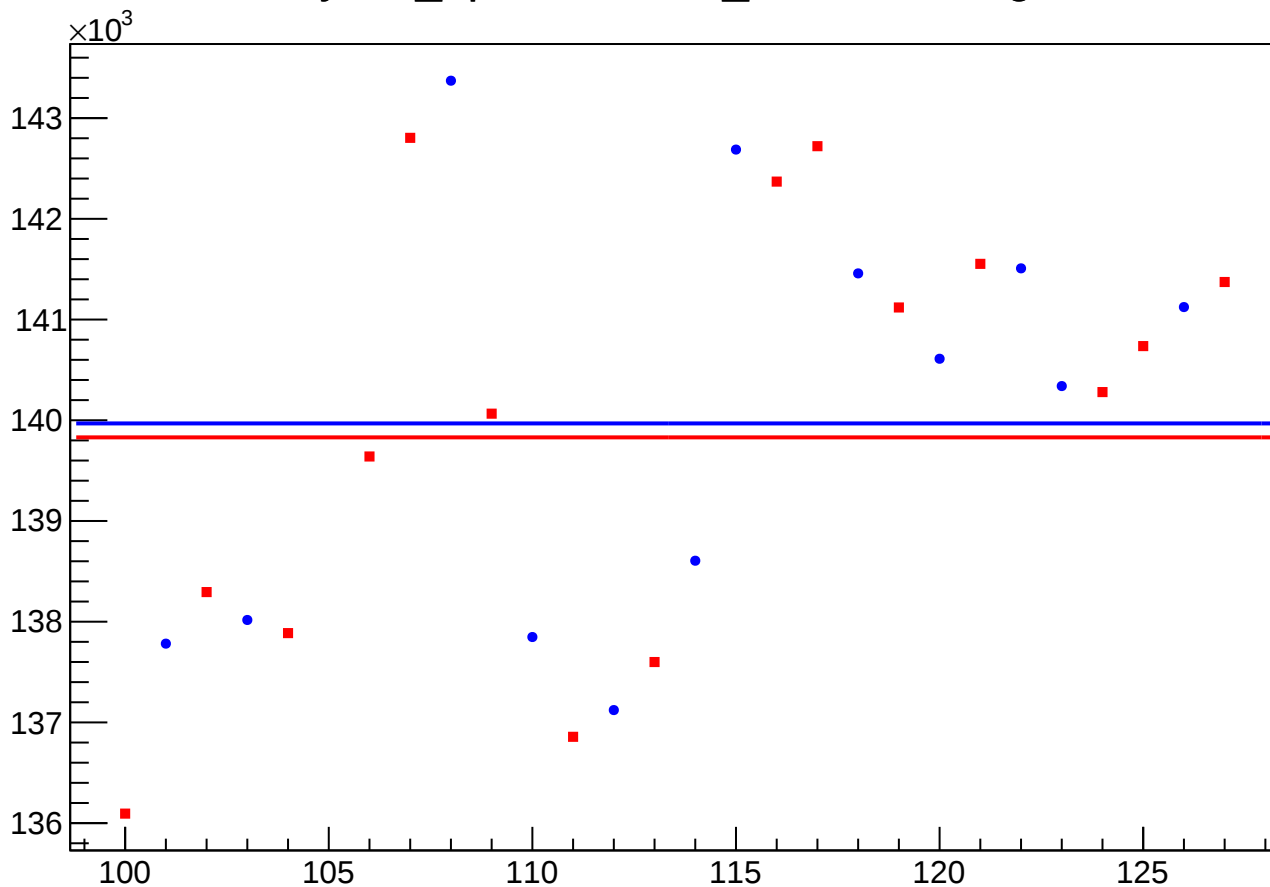
122.172 $\pm$ 0.046 χ^2 /NDF: 1261224.0/11

Right Out: 120.571 $\pm$ 0.041 χ^2 /NDF: 1365797.6/14

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

120.571 $\pm$ 0.041 χ^2 /NDF: 1365797.6/14

yield_bpm0i02aWS_mean vs Slug



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

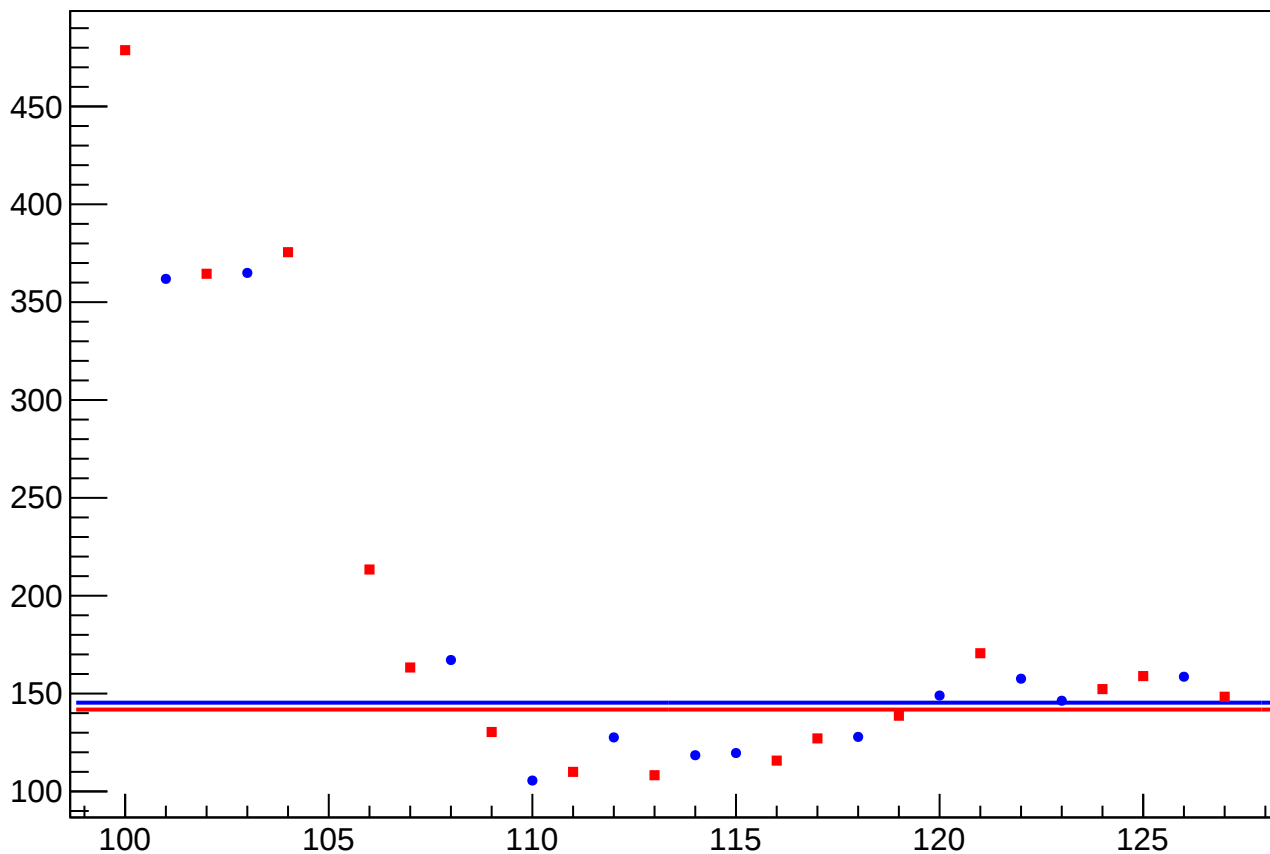
Right Out: 139830.139 $\pm$ 0.067 χ^2 /NDF: 908739201.4/14

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

139968.663 $\pm$ 0.076 χ^2 /NDF: 748533785.7/11

139830.139 $\pm$ 0.067 χ^2 /NDF: 908739201.4/14

yield_bpm0i02aWS_rms vs Slug



Right In: 145.354+/-0.054 χ^2/NDF : 1007054.3/11

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

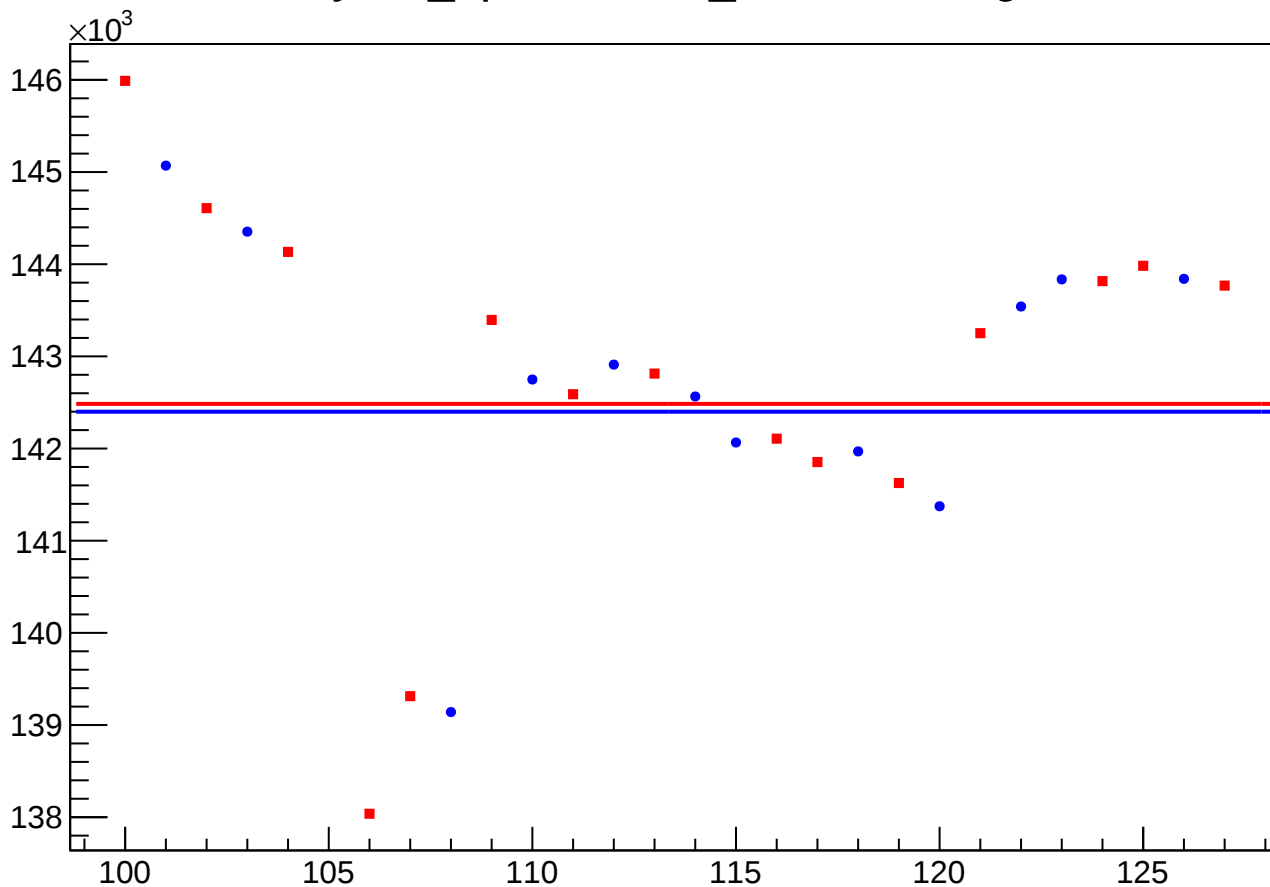
Right Out: 141.828+/-0.047 χ^2/NDF : 1135982.5/14

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

145.354+/-0.054 χ^2/NDF : 1007054.3/11

141.828+/-0.047 χ^2/NDF : 1135982.5/14

yield_bpm0i05WS_mean vs Slug



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

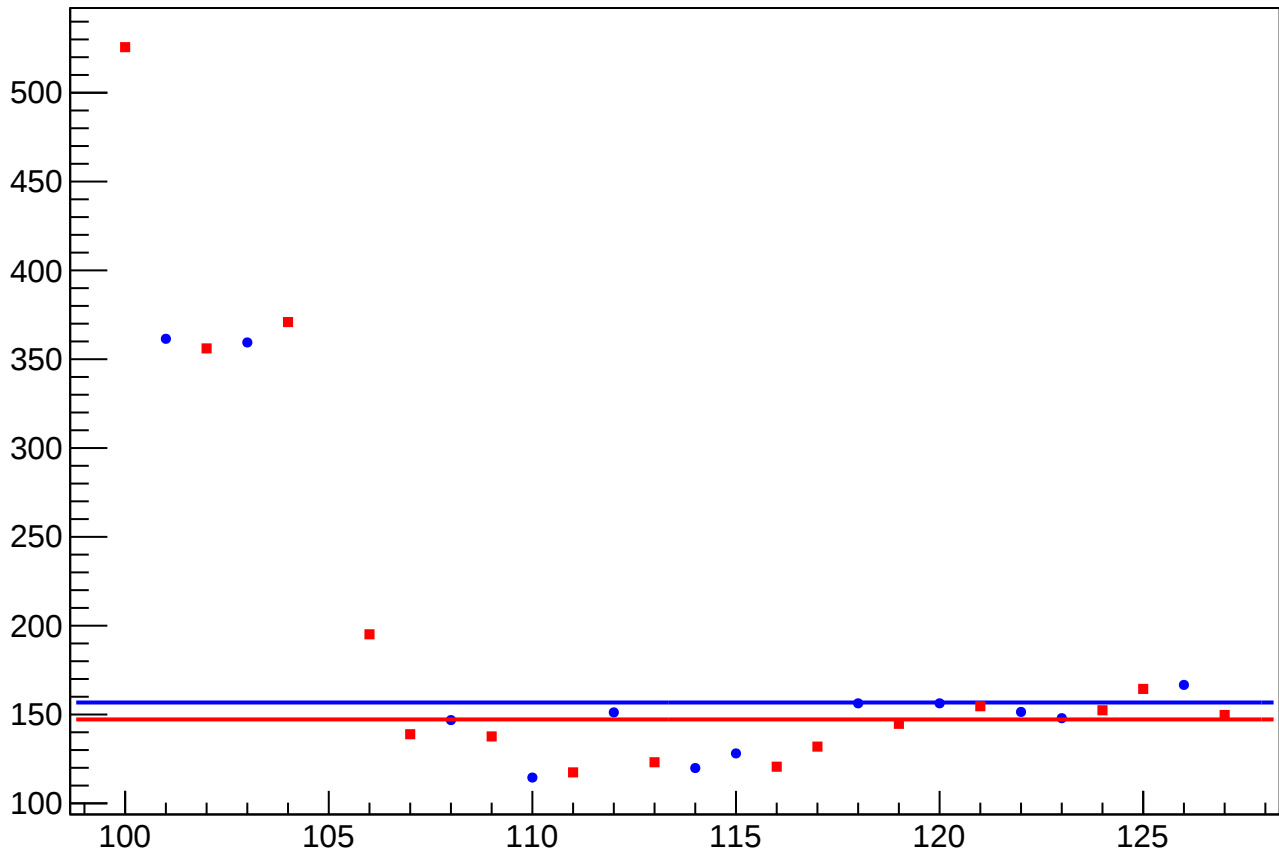
142399.534 $\pm$ 0.082 χ^2 /NDF: 311823752.9/11

Right Out: 142484.656 $\pm$ 0.069 χ^2 /NDF: 461290872.6/14

142484.656 $\pm$ 0.069 χ^2 /NDF: 461290872.6/14

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

yield_bpm0i05WS_rms vs Slug



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

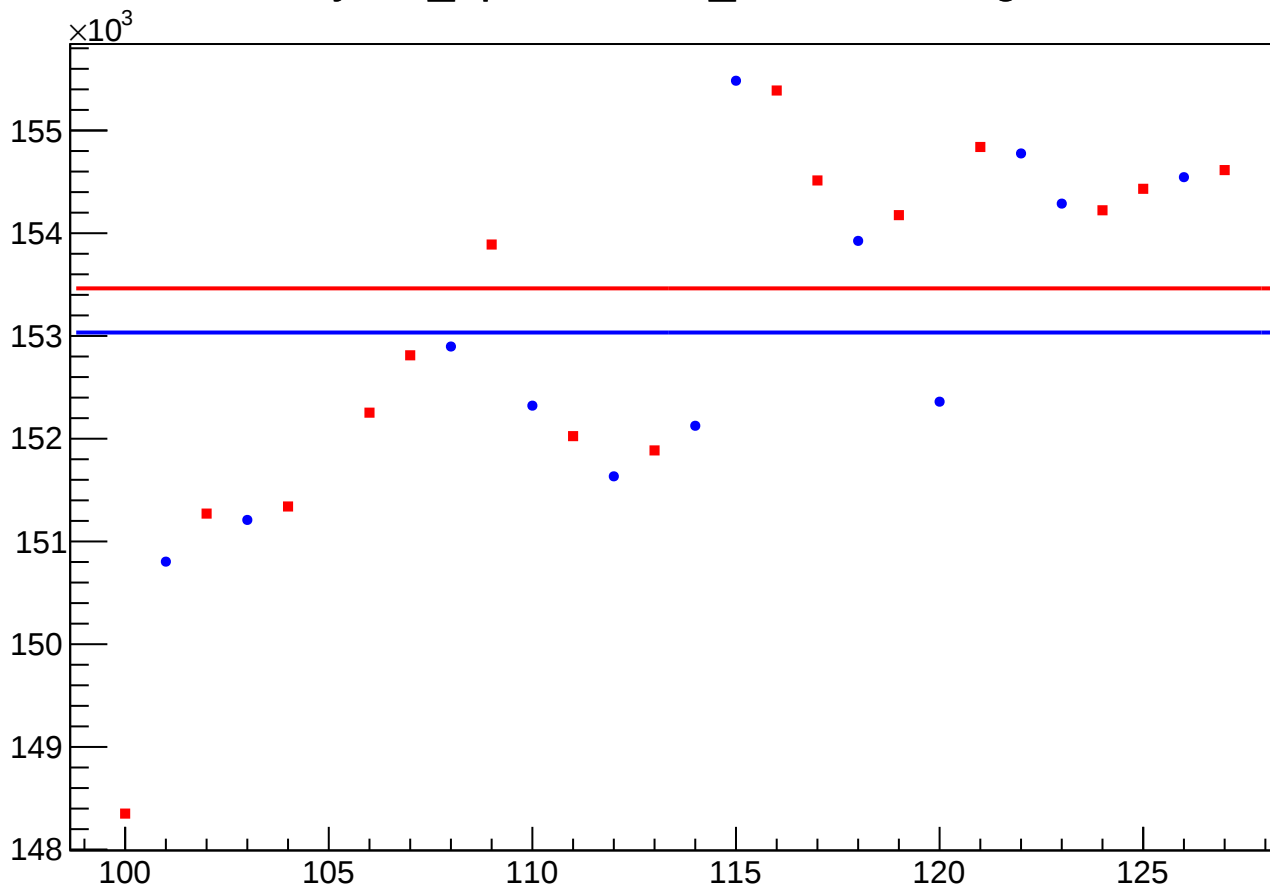
Right Out: 147.223 $\pm$ 0.049 χ^2 /NDF: 960404.4/14

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

156.765 $\pm$ 0.058 χ^2 /NDF: 866216.9/11

147.223 $\pm$ 0.049 χ^2 /NDF: 960404.4/14

yield_bpm0i07WS_mean vs Slug



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

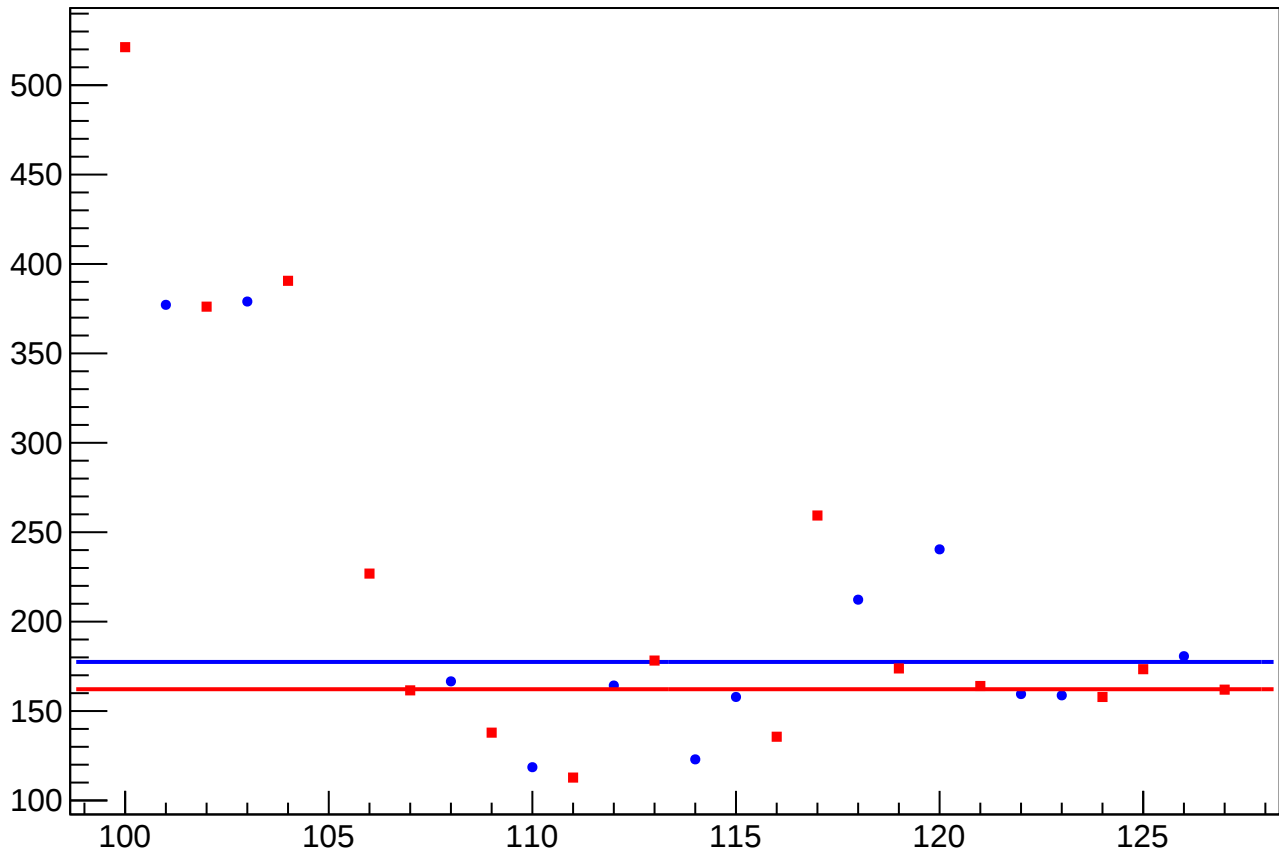
Right Out: 153463.159 $\pm$ 0.078 χ^2 /NDF: 259515476.7/14

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

153033.535 $\pm$ 0.096 χ^2 /NDF: 182621146.6/11

153463.159 $\pm$ 0.078 χ^2 /NDF: 259515476.7/14

yield_bpm0i07WS_rms vs Slug



Right In: 177.457+/-0.068 χ^2/NDF : 922438.8/11

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

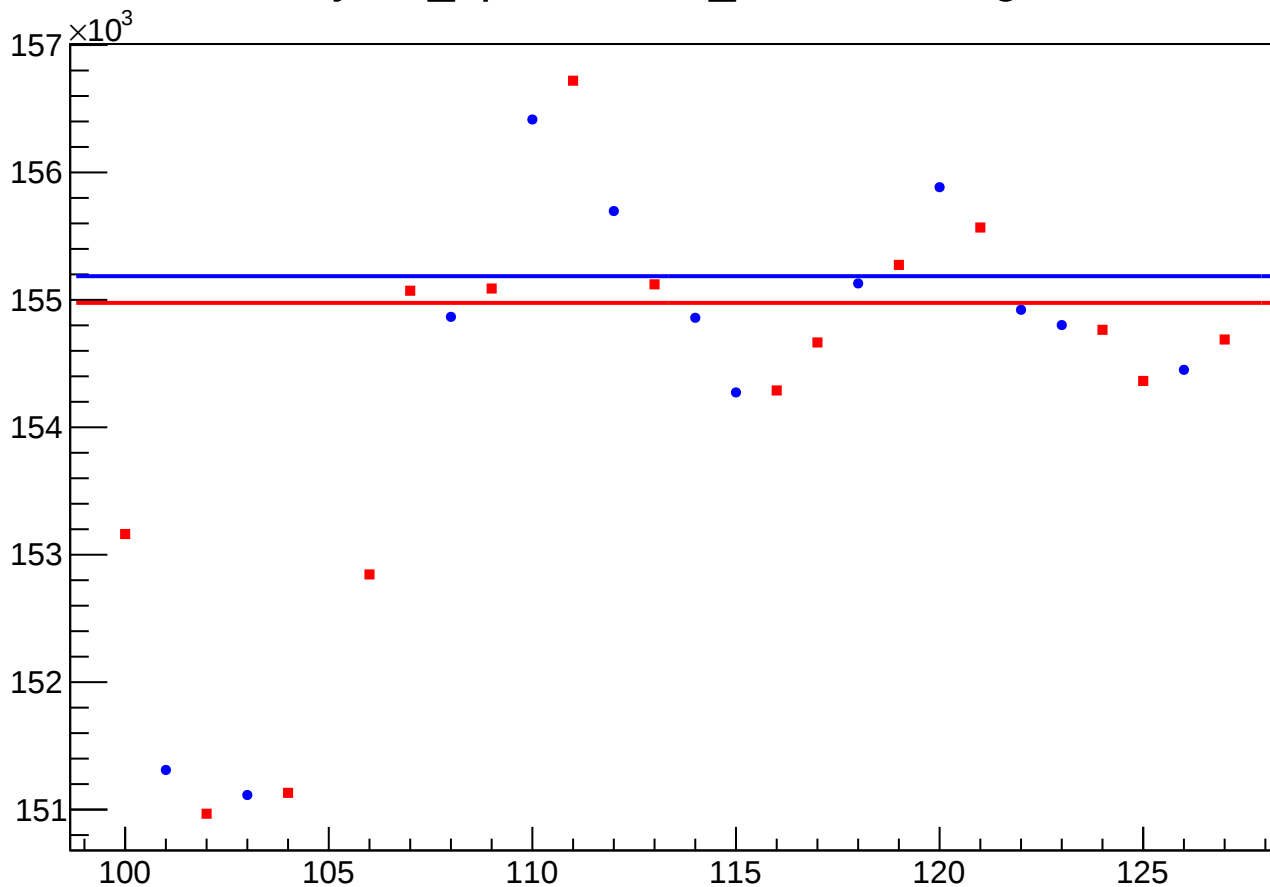
177.457+/-0.068 χ^2/NDF : 922438.8/11

Right Out: 162.201+/-0.055 χ^2/NDF : 1019501.0/14

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

162.201+/-0.055 χ^2/NDF : 1019501.0/14

yield_bpm1i02WS_mean vs Slug



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

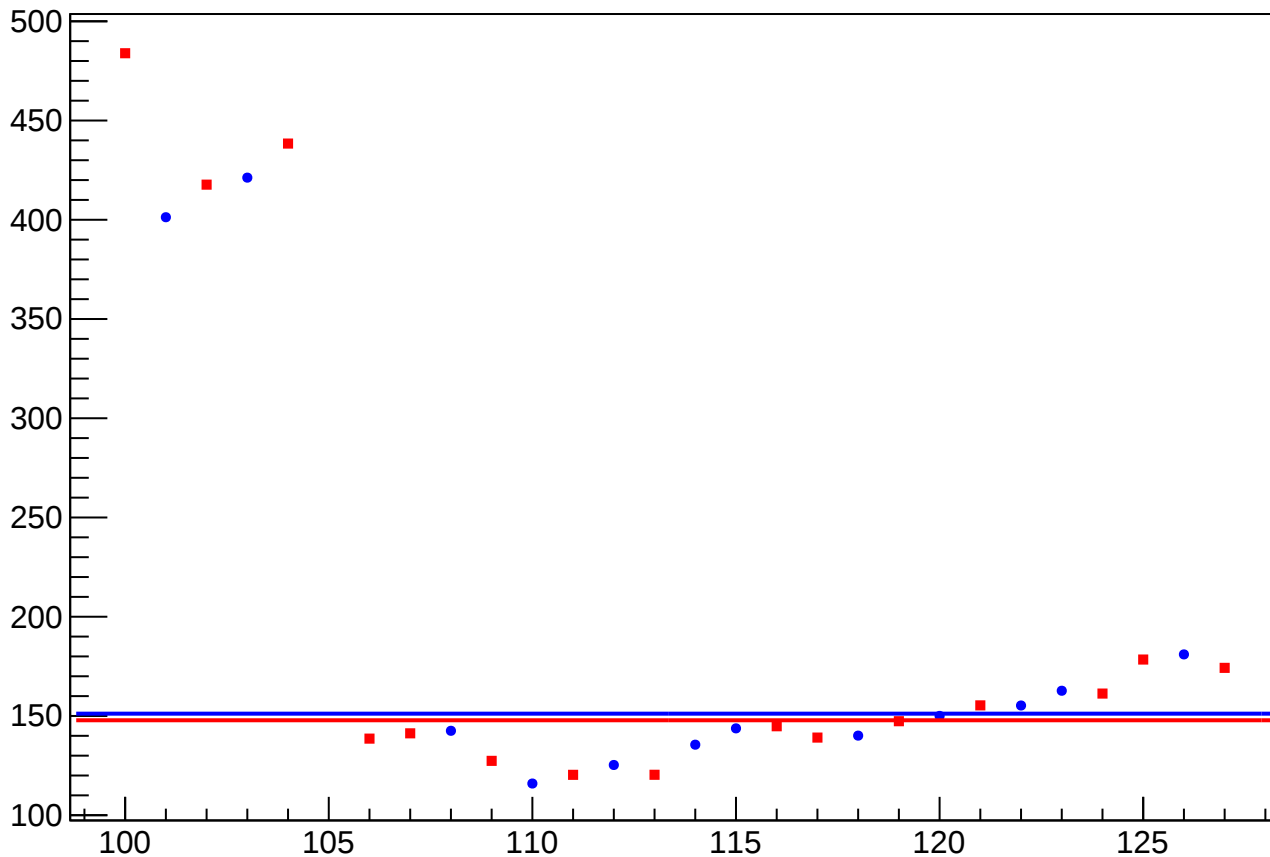
Right Out: 154976.447 $\pm$ 0.069 χ^2 /NDF: 266437149.6/14

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

155185.917 $\pm$ 0.079 χ^2 /NDF: 176166715.8/11

154976.447 $\pm$ 0.069 χ^2 /NDF: 266437149.6/14

yield_bpm1i02WS_rms vs Slug



Right In: 151.162 $\pm$ 0.056 χ^2 /NDF: 1054692.1/11

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

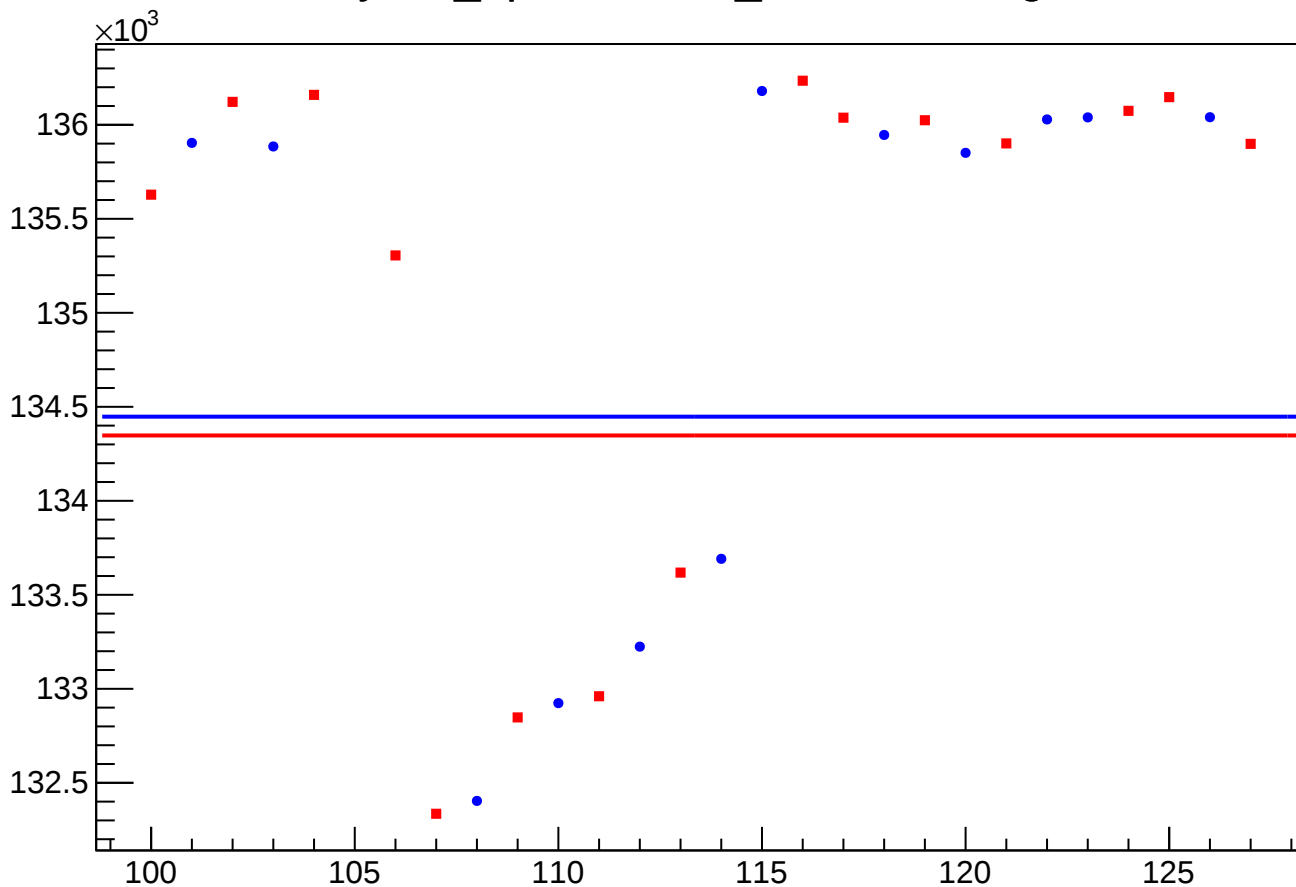
151.162 $\pm$ 0.056 χ^2 /NDF: 1054692.1/11

Right Out: 147.832 $\pm$ 0.049 χ^2 /NDF: 1116400.0/14

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

147.832 $\pm$ 0.049 χ^2 /NDF: 1116400.0/14

yield_bpm1i04WS_mean vs Slug



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

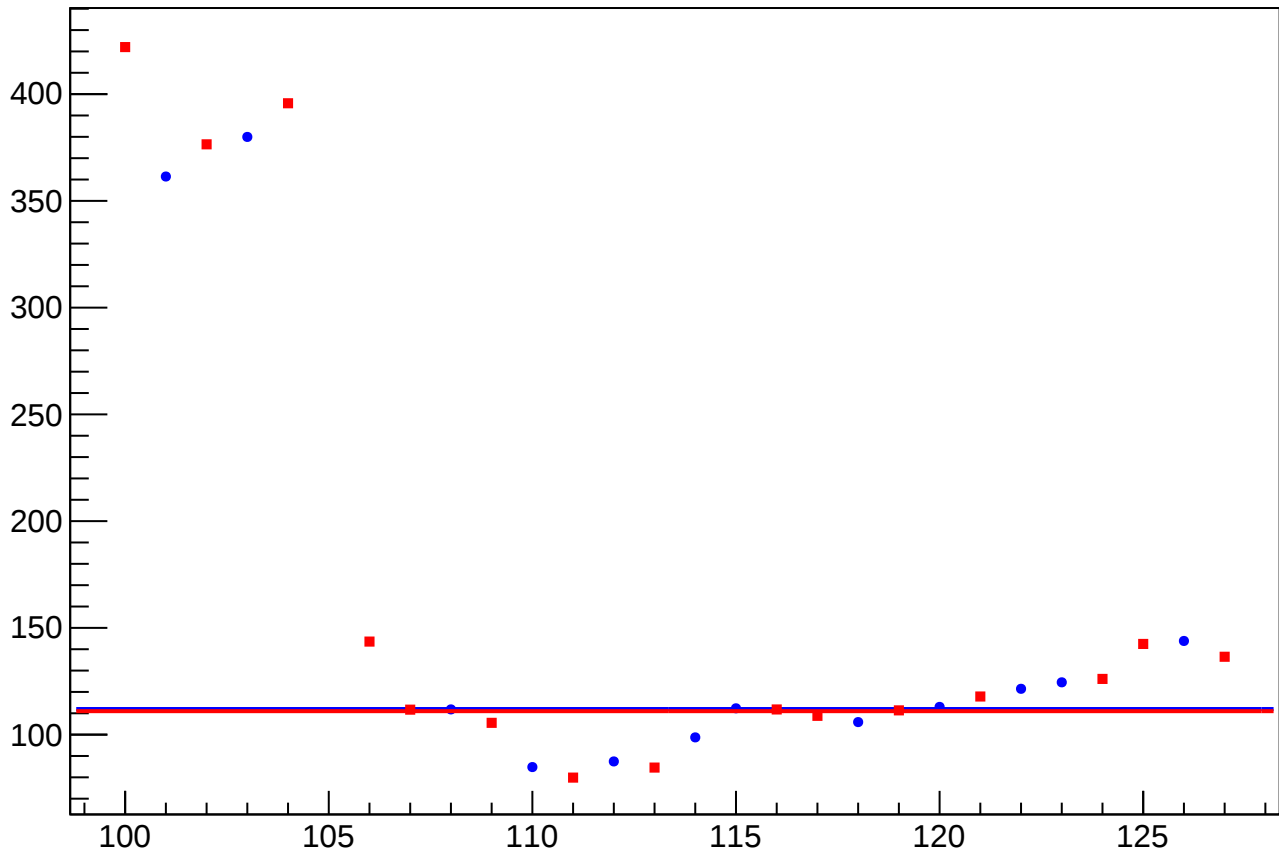
Right Out: 134347.518 $\pm$ 0.053 χ^2 /NDF: 793163329.0/14

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

134447.590 $\pm$ 0.060 χ^2 /NDF: 641615428.7/11

134347.518 $\pm$ 0.053 χ^2 /NDF: 793163329.0/14

yield_bpm1i04WS_rms vs Slug



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

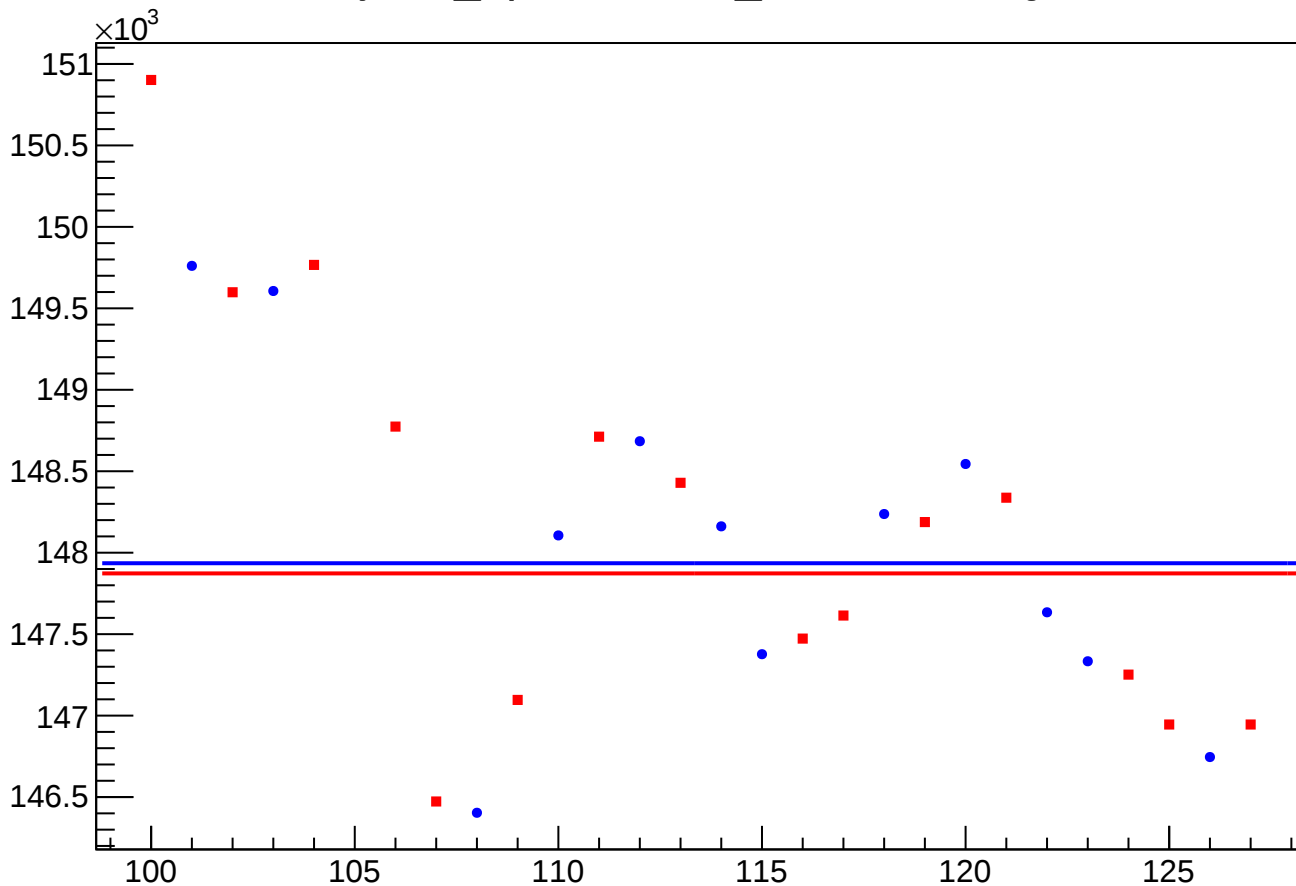
111.996 $\pm$ 0.042 χ^2 /NDF: 1307807.3/11

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

110.989 $\pm$ 0.038 χ^2 /NDF: 1432104.0/14

yield_bpm1i06WS_mean vs Slug



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

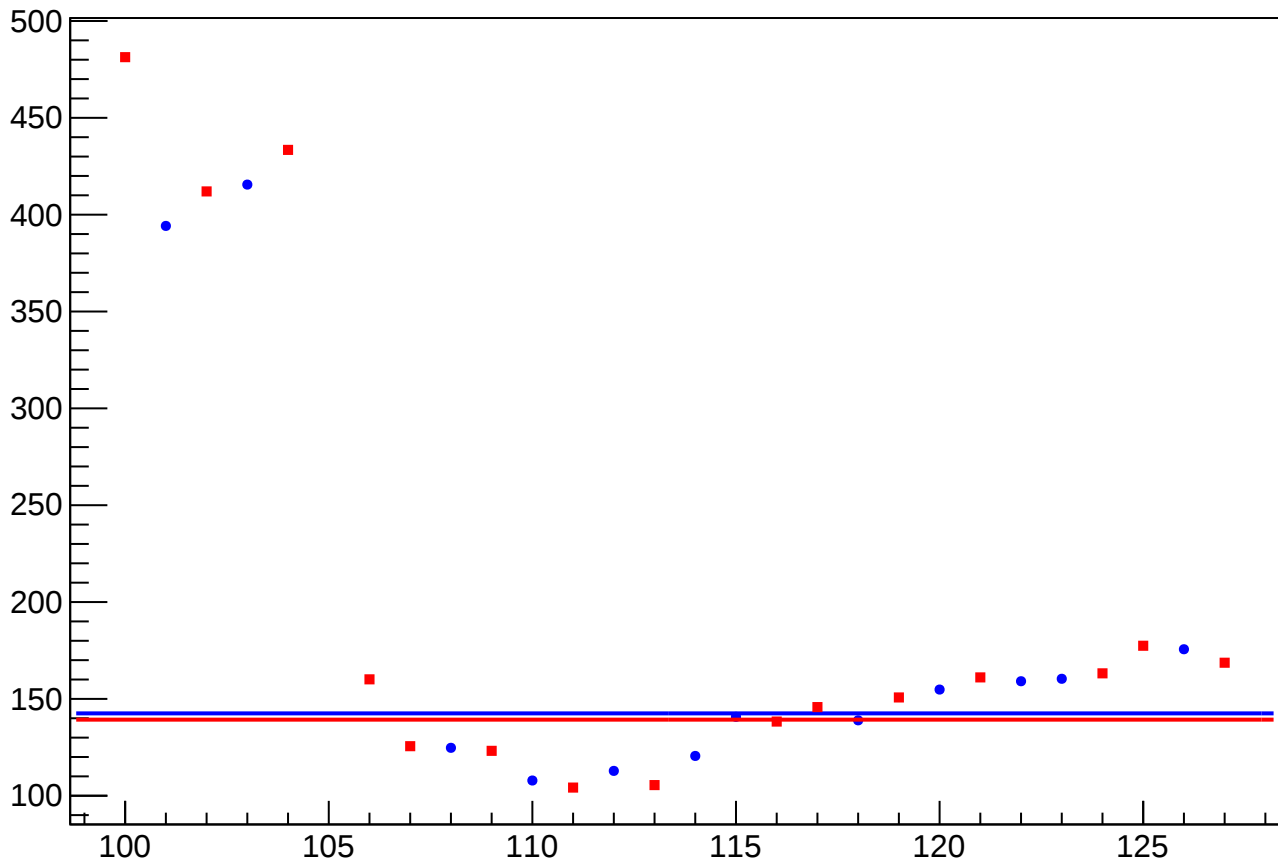
Right Out: 147872.897 $\pm$ 0.066 χ^2 /NDF: 163908617.7/14

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

147935.334 $\pm$ 0.075 χ^2 /NDF: 125822471.7/11

147872.897 $\pm$ 0.066 χ^2 /NDF: 163908617.7/14

yield_bpm1i06WS_rms vs Slug



Right In: 142.522 $\pm$ 0.053 χ^2 /NDF: 1159860.0/11

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

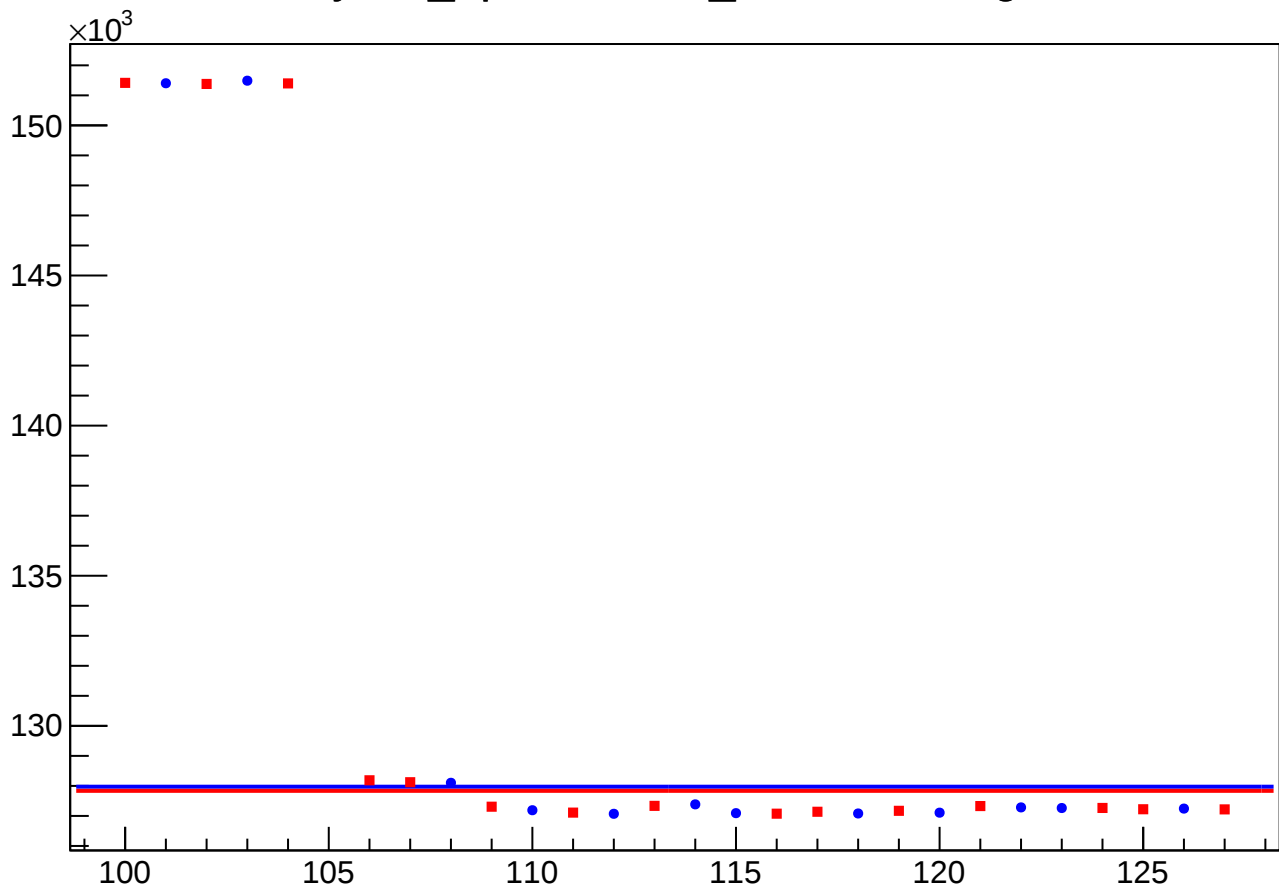
142.522 $\pm$ 0.053 χ^2 /NDF: 1159860.0/11

Right Out: 139.285 $\pm$ 0.047 χ^2 /NDF: 1301799.8/14

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

139.285 $\pm$ 0.047 χ^2 /NDF: 1301799.8/14

yield_bpm2i01WS_mean vs Slug



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

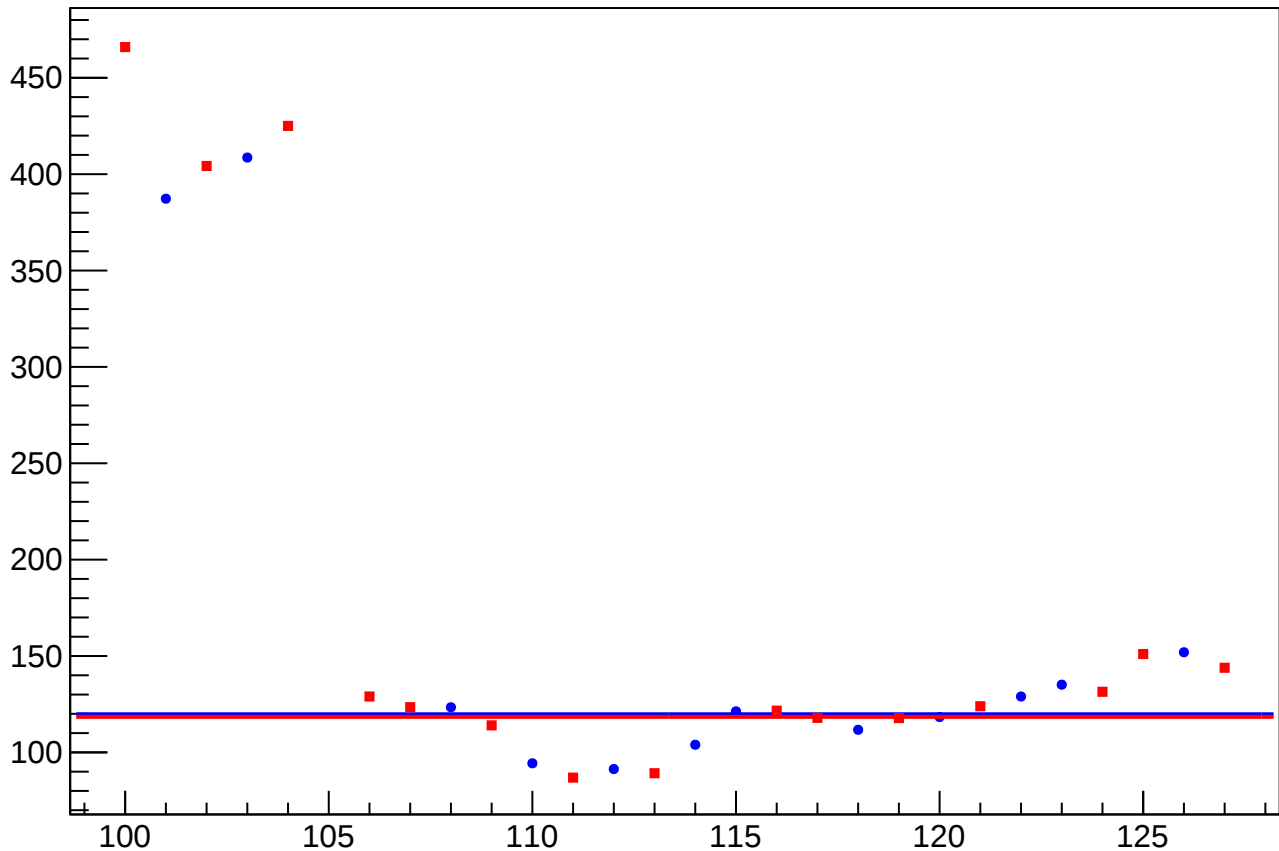
Right Out: 127835.893 $\pm$ 0.056 χ^2 /NDF: 3647683245.4/14

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

127973.427 $\pm$ 0.064 χ^2 /NDF: 4166655575.8/11

127835.893 $\pm$ 0.056 χ^2 /NDF: 3647683245.4/14

yield_bpm2i01WS_rms vs Slug



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

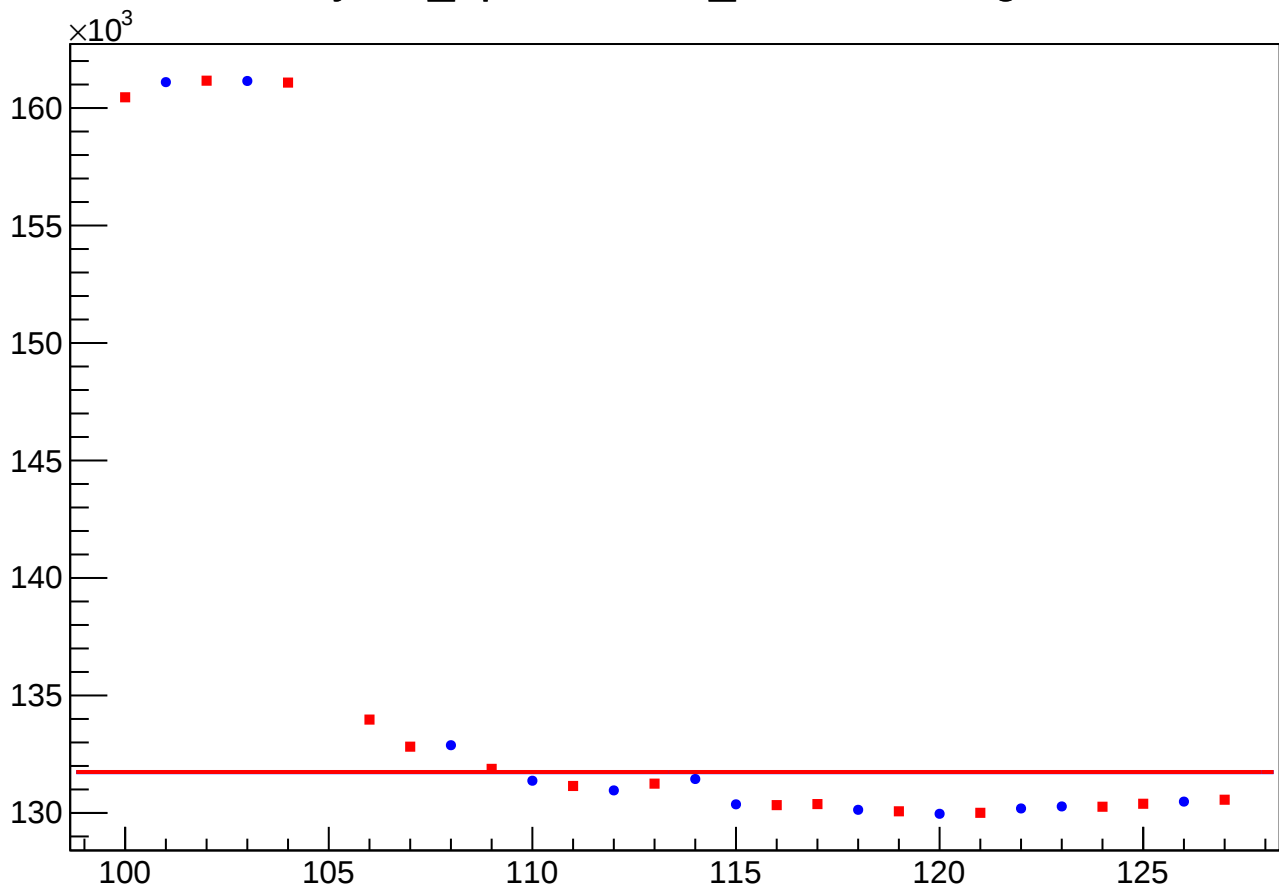
119.772 $\pm$ 0.045 χ^2 /NDF: 1304698.8/11

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

118.430 $\pm$ 0.040 χ^2 /NDF: 1403530.6/14

yield_bpm2i02WS_mean vs Slug



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

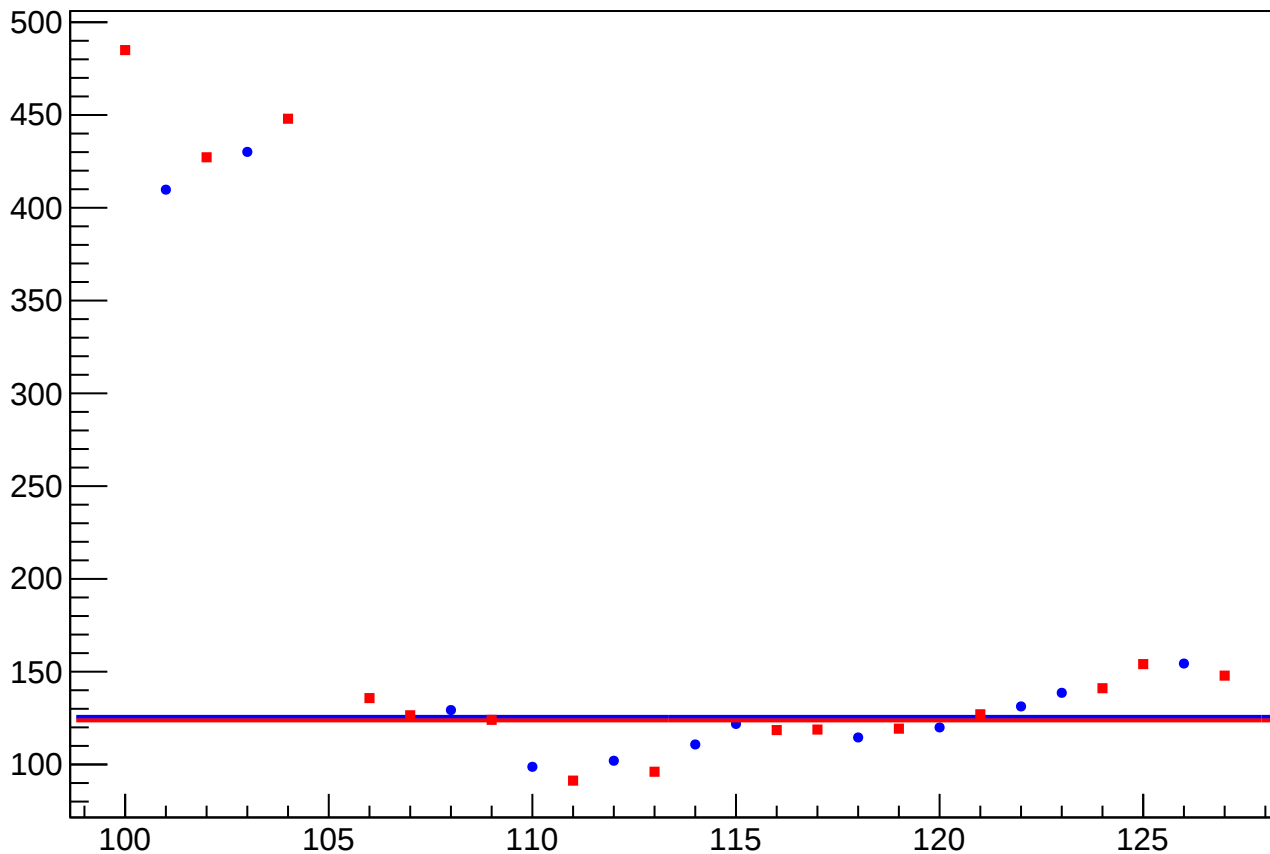
Right Out: 131743.532 $\pm$ 0.059 χ^2 /NDF: 5353841787.2/14

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

131734.746 $\pm$ 0.067 χ^2 /NDF: 5988508397.5/11

131743.532 $\pm$ 0.059 χ^2 /NDF: 5353841787.2/14

yield_bpm2i02WS_rms vs Slug



Right In: 125.647 $\pm$ 0.047 χ^2 /NDF: 1270524.0/11

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

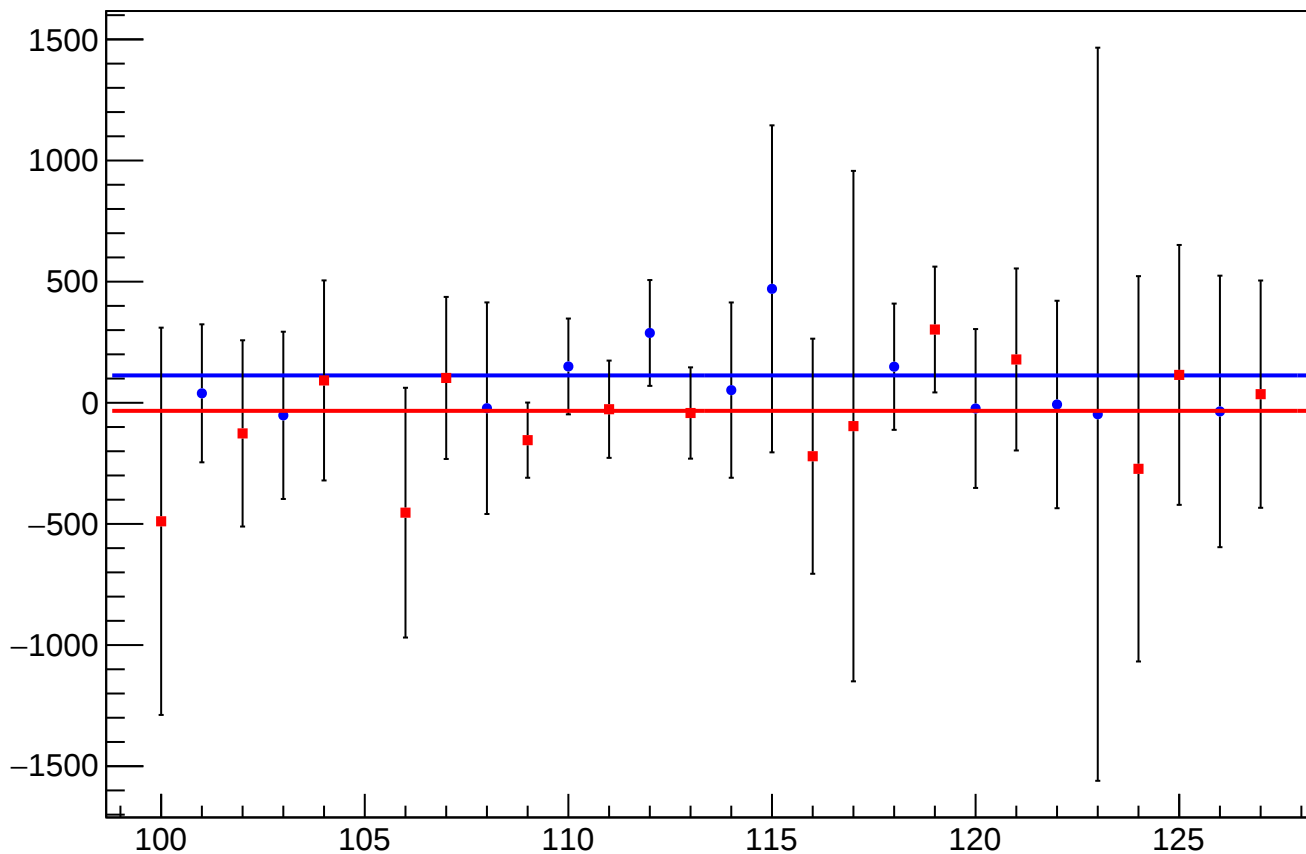
Right Out: 123.753 $\pm$ 0.041 χ^2 /NDF: 1378310.2/14

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

125.647 $\pm$ 0.047 χ^2 /NDF: 1270524.0/11

123.753 $\pm$ 0.041 χ^2 /NDF: 1378310.2/14

asym_bcm_an_ds_mean vs Slug



Right In: 112.989+/-93.075 χ^2/NDF : 1.7/11

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

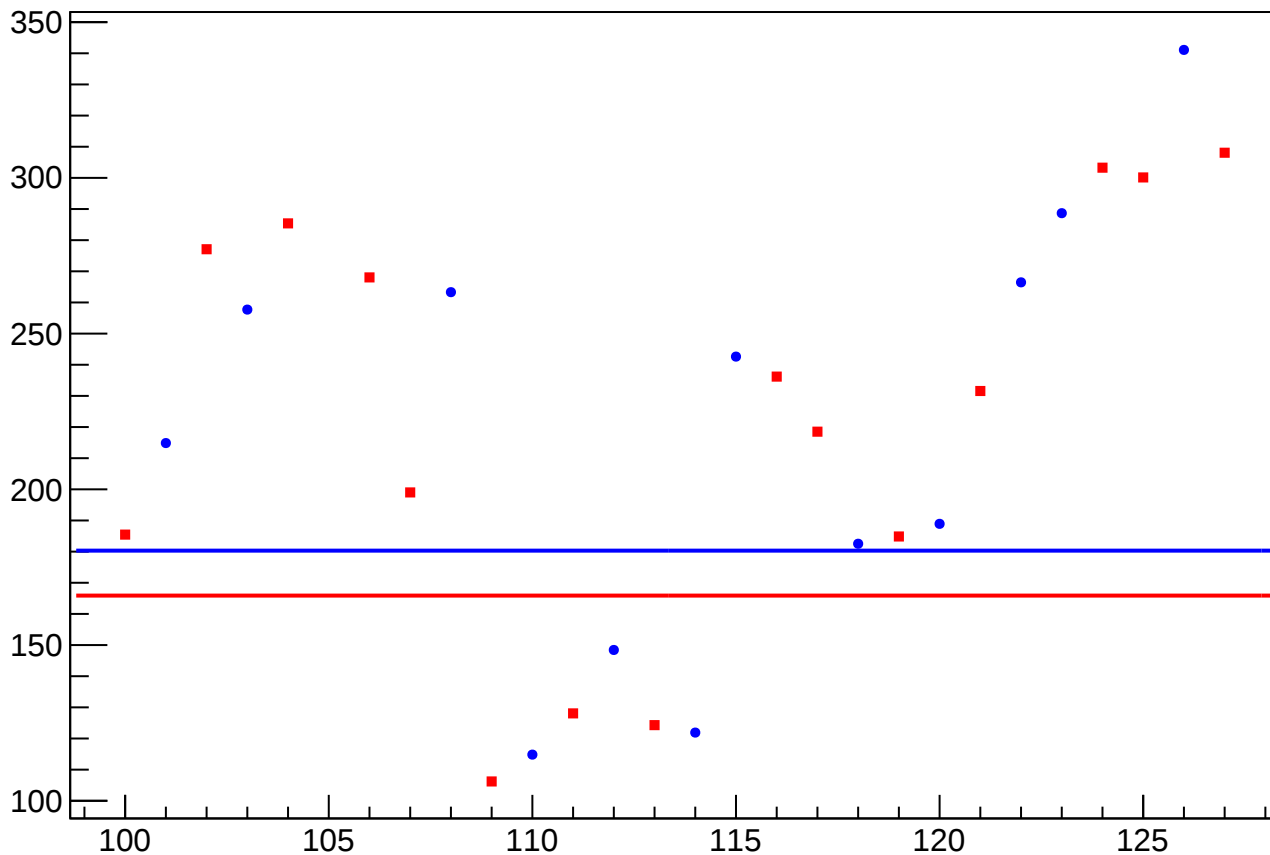
Right Out: -33.272+/-79.537 χ^2/NDF : 4.2/14

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

112.989+/-93.075 χ^2/NDF : 1.7/11

-33.272+/-79.537 χ^2/NDF : 4.2/14

asym_bcm_an_ds_rms vs Slug



Right In: 180.318+/-0.066 χ^2/NDF : 790695.1/11

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

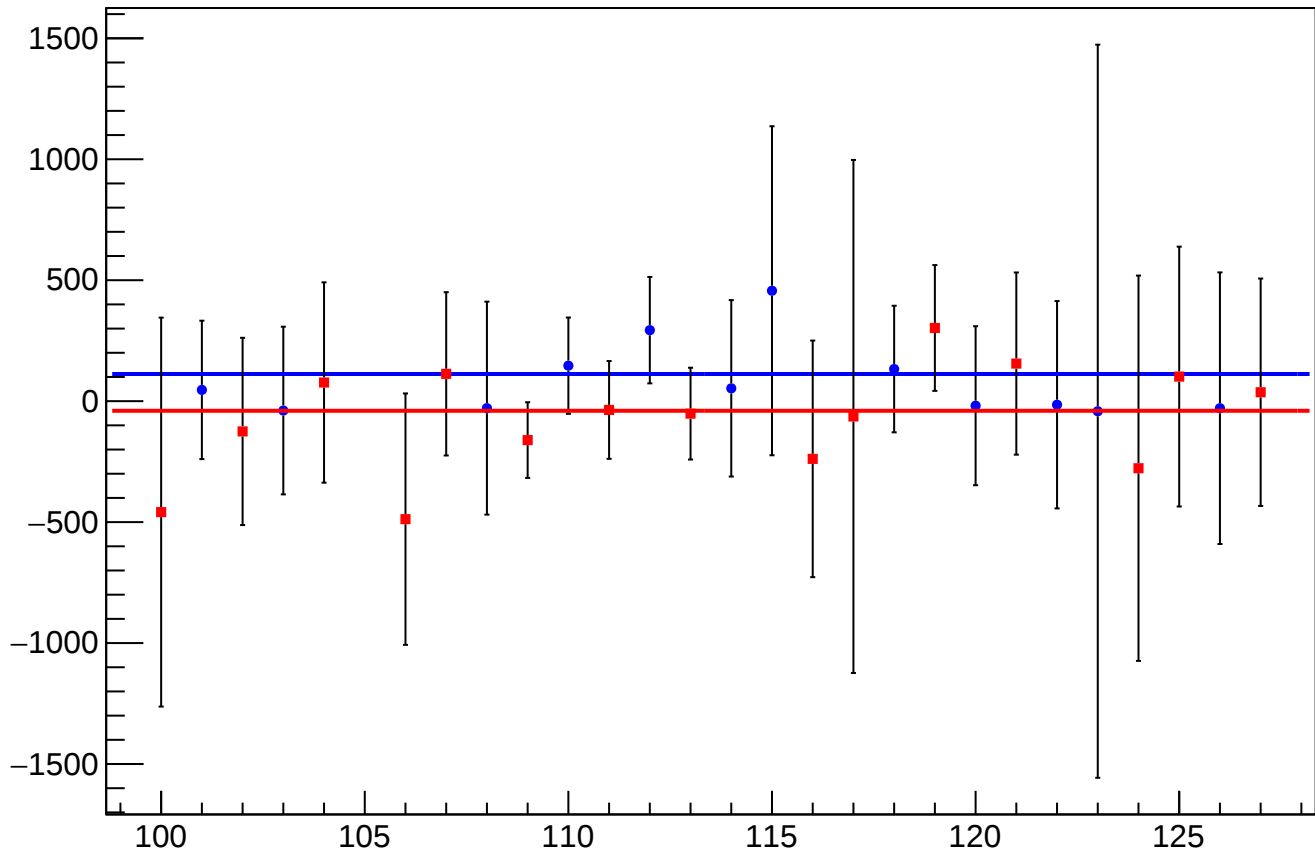
Right Out: 165.885+/-0.056 χ^2/NDF : 1386085.4/14

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

180.318+/-0.066 χ^2/NDF : 790695.1/11

165.885+/-0.056 χ^2/NDF : 1386085.4/14

asym_bcm_an_ds3_mean vs Slug



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

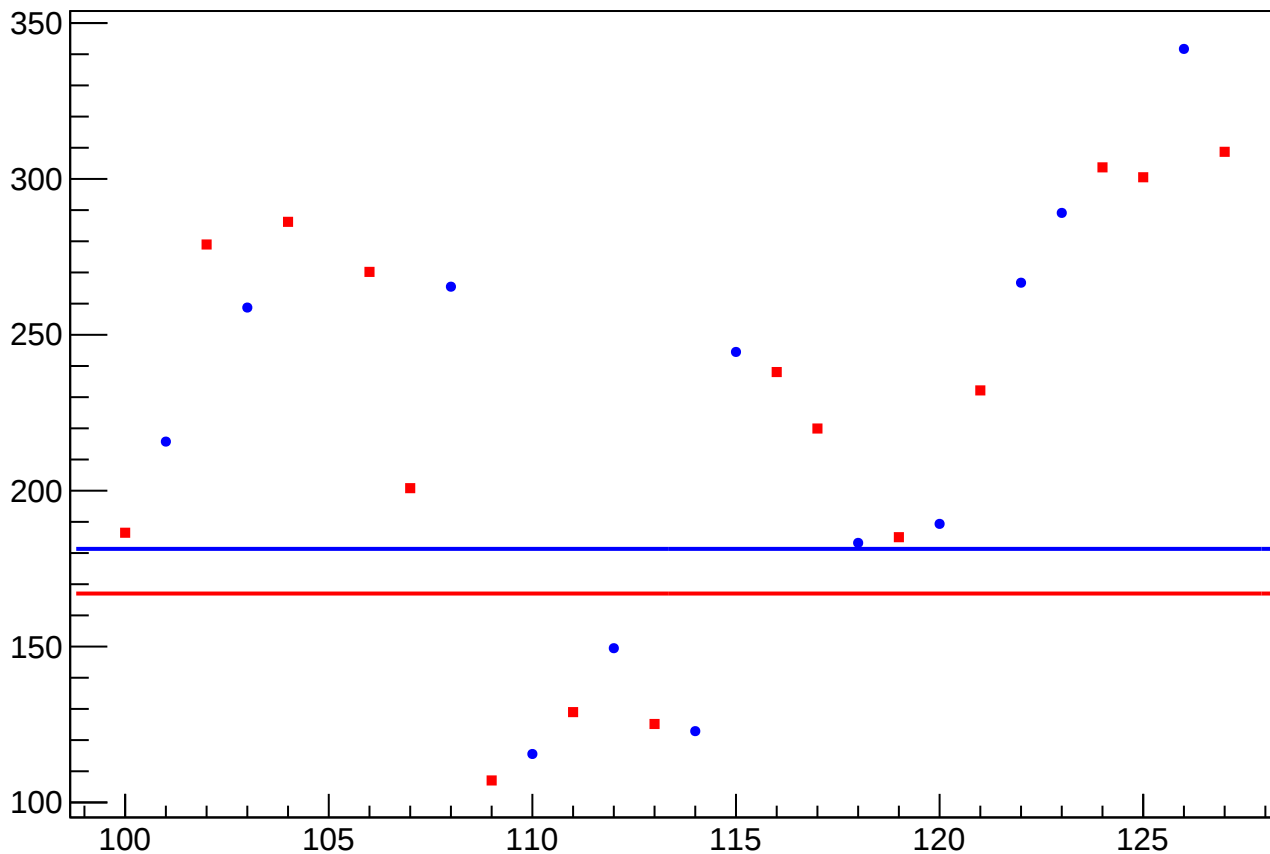
Right Out: -39.739 $\pm$ 80.033 χ^2 /NDF: 4.3/14

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

112.292 $\pm$ 93.570 χ^2 /NDF: 1.7/11

-39.739 $\pm$ 80.033 χ^2 /NDF: 4.3/14

asym_bcm_an_ds3_rms vs Slug



Right In: 181.334+/-0.066 χ^2/NDF : 784832.3/11

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

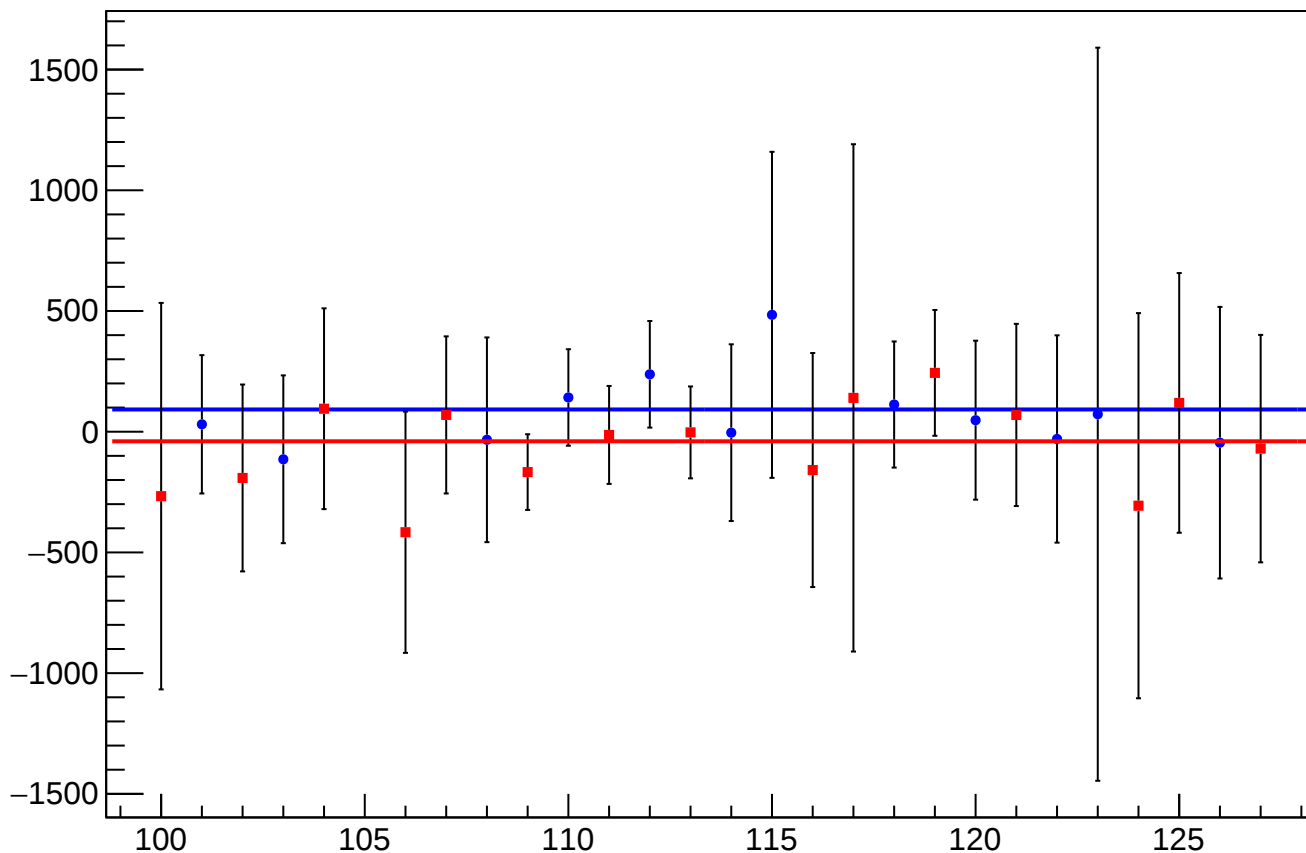
Right Out: 167.010+/-0.057 χ^2/NDF : 1376082.3/14

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

181.334+/-0.066 χ^2/NDF : 784832.3/11

167.010+/-0.057 χ^2/NDF : 1376082.3/14

asym_bcm_an_us_mean vs Slug



Right In: 92.173+/-93.601 χ^2/NDF : 1.6/11

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

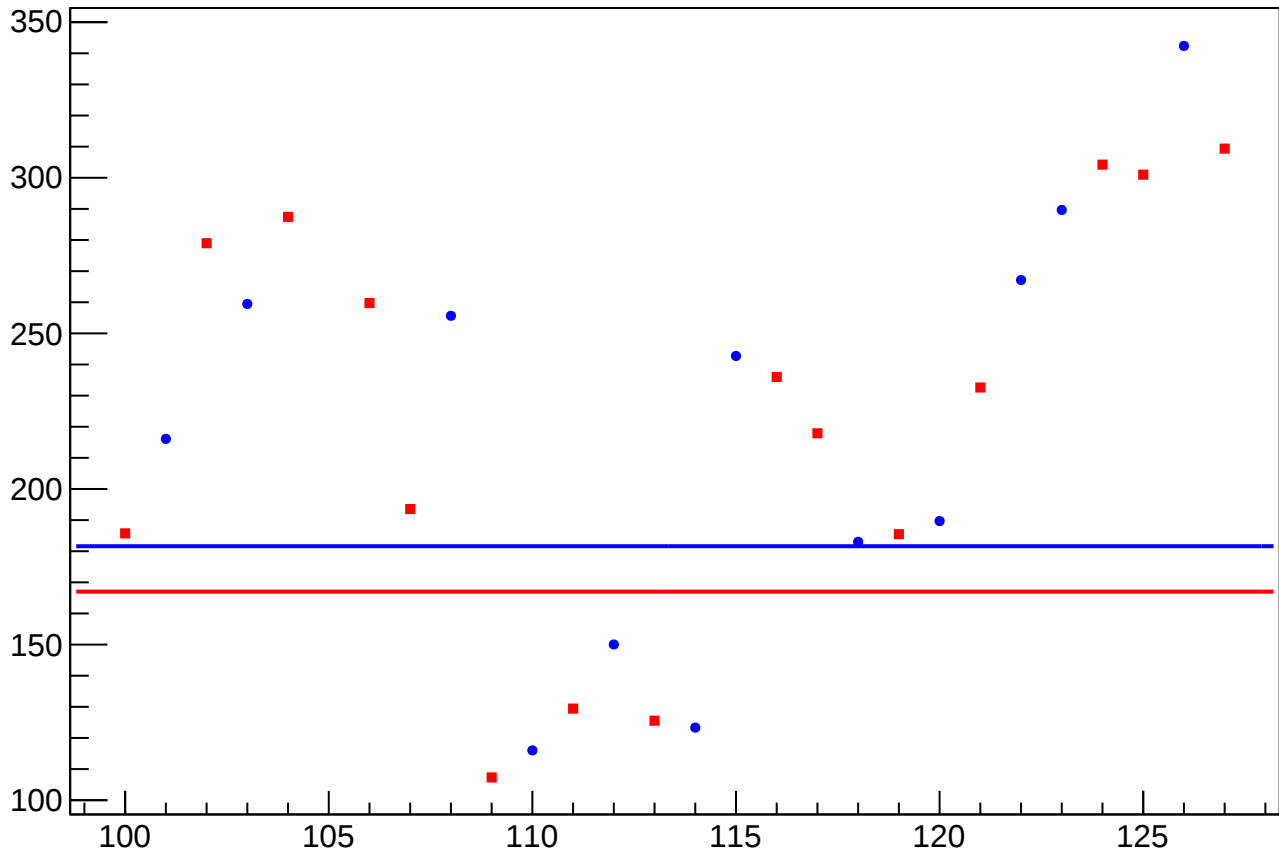
Right Out: -39.723+/-79.932 χ^2/NDF : 3.3/14

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

92.173+/-93.601 χ^2/NDF : 1.6/11

-39.723+/-79.932 χ^2/NDF : 3.3/14

asym_bcm_an_us_rms vs Slug



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

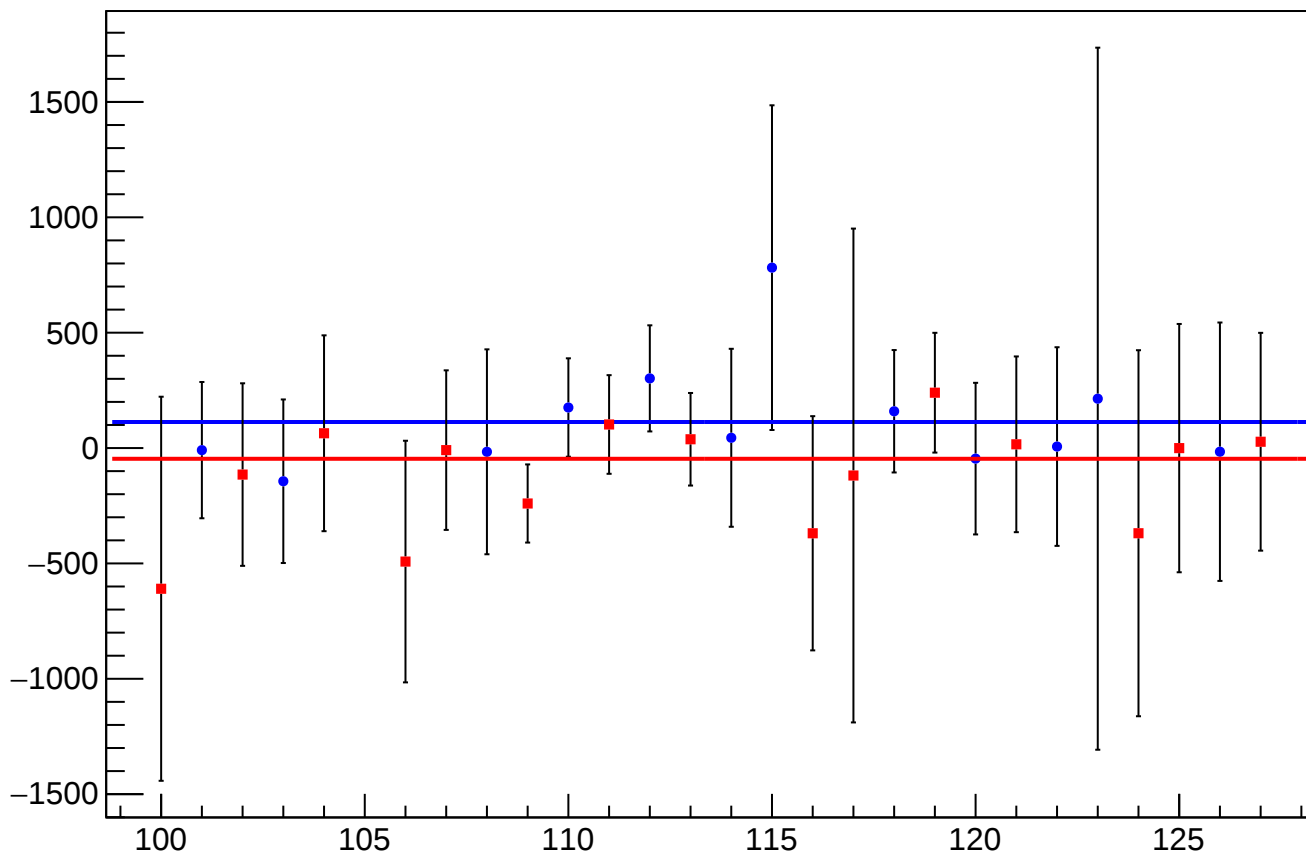
Right Out: 167.019 $\pm$ 0.057 χ^2 /NDF: 1353656.4/14

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

181.608 $\pm$ 0.066 χ^2 /NDF: 768048.6/11

167.019 $\pm$ 0.057 χ^2 /NDF: 1353656.4/14

asym_bcm_dg_us_mean vs Slug



Right In: 112.921+/-96.835 χ^2/NDF : 2.9/11

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

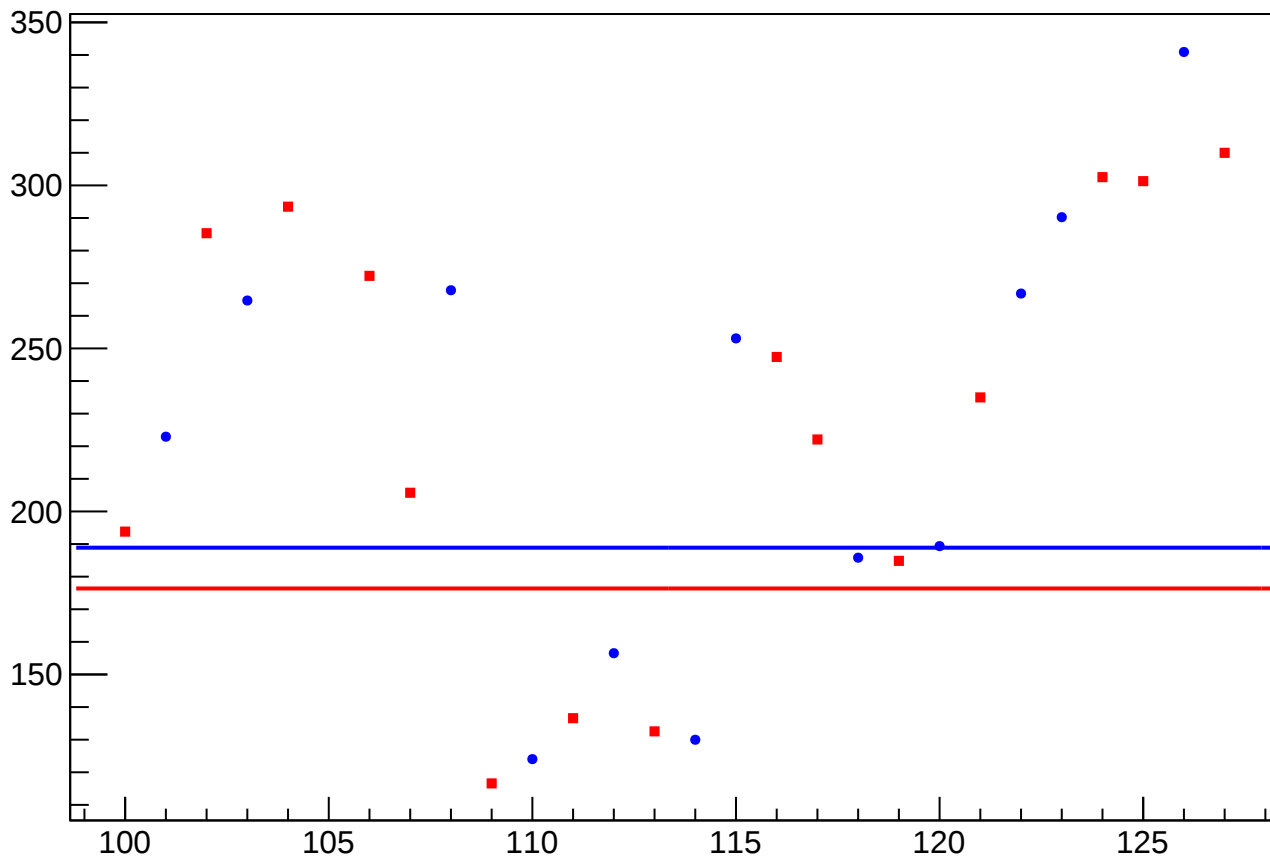
Right Out: -46.503+/-83.616 χ^2/NDF : 5.1/14

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

112.921+/-96.835 χ^2/NDF : 2.9/11

-46.503+/-83.616 χ^2/NDF : 5.1/14

asym_bcm_dg_us_rms vs Slug



Right In: 188.884 $\pm$ 0.068 χ^2 /NDF: 691373.7/11

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

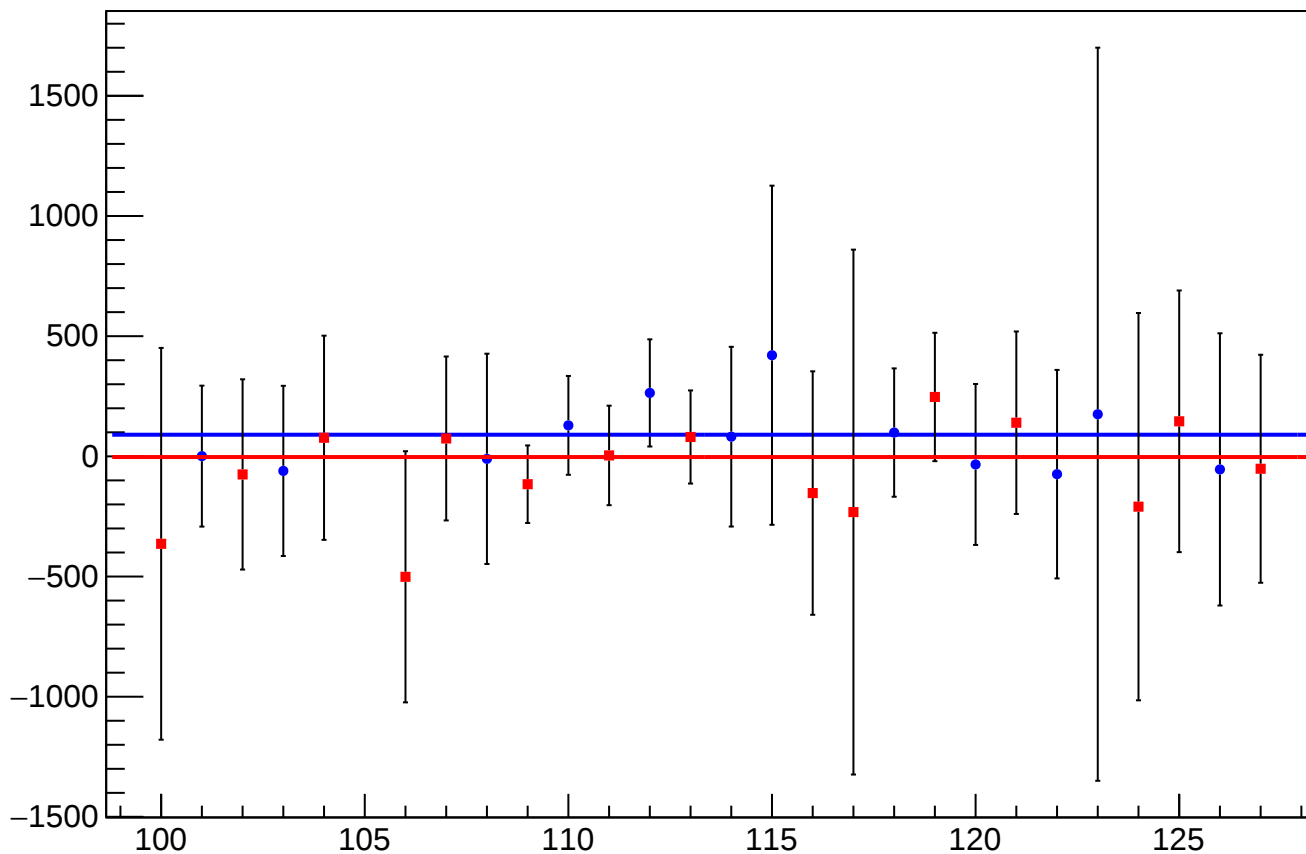
Right Out: 176.375 $\pm$ 0.059 χ^2 /NDF: 1211335.1/14

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

188.884 $\pm$ 0.068 χ^2 /NDF: 691373.7/11

176.375 $\pm$ 0.059 χ^2 /NDF: 1211335.1/14

asym_bcm_dg_ds_mean vs Slug



Right In: 90.026+/-95.526 χ^2/NDF : 1.5/11

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

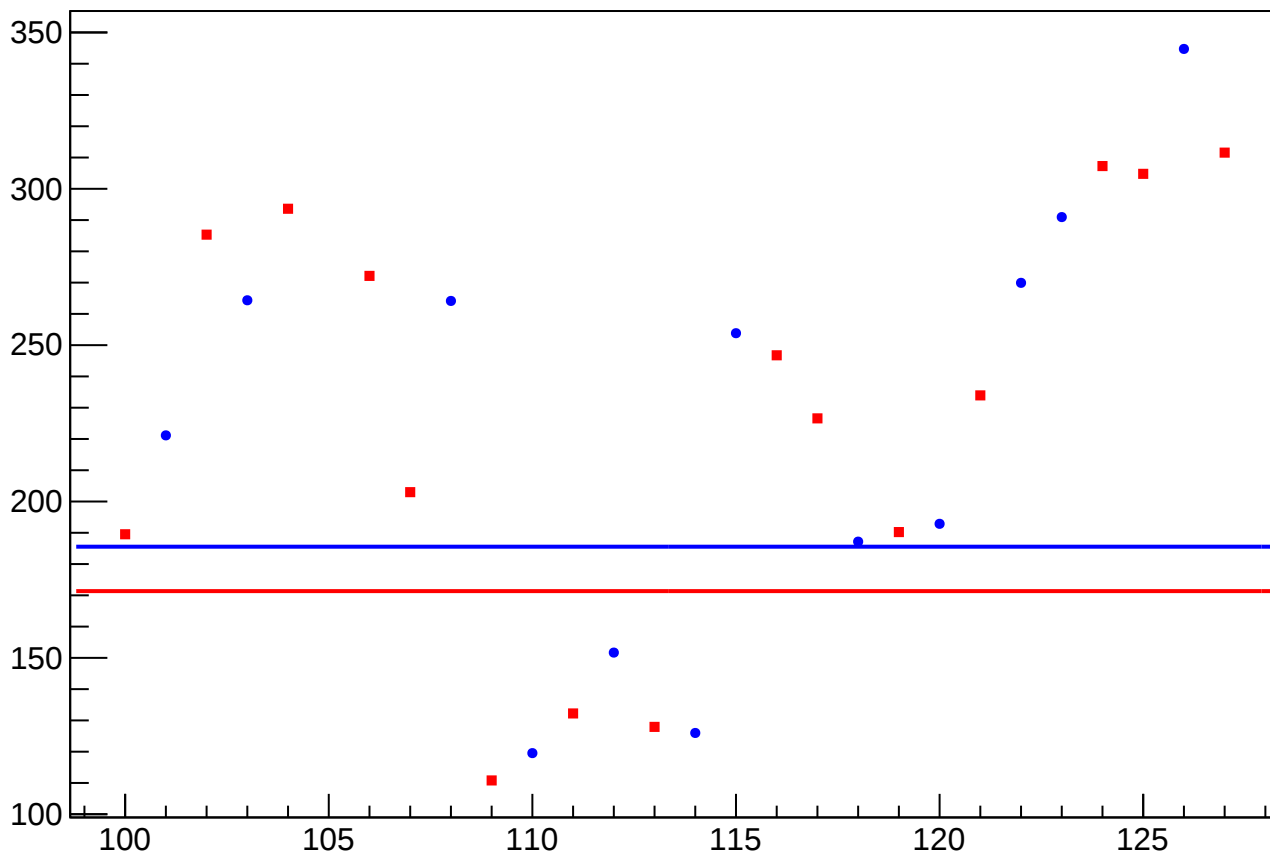
Right Out: -2.830+/-81.875 χ^2/NDF : 3.2/14

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

90.026+/-95.526 χ^2/NDF : 1.5/11

-2.830+/-81.875 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_rms vs Slug



Right In: 185.553 $\pm$ 0.068 χ^2 /NDF: 759203.1/11

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

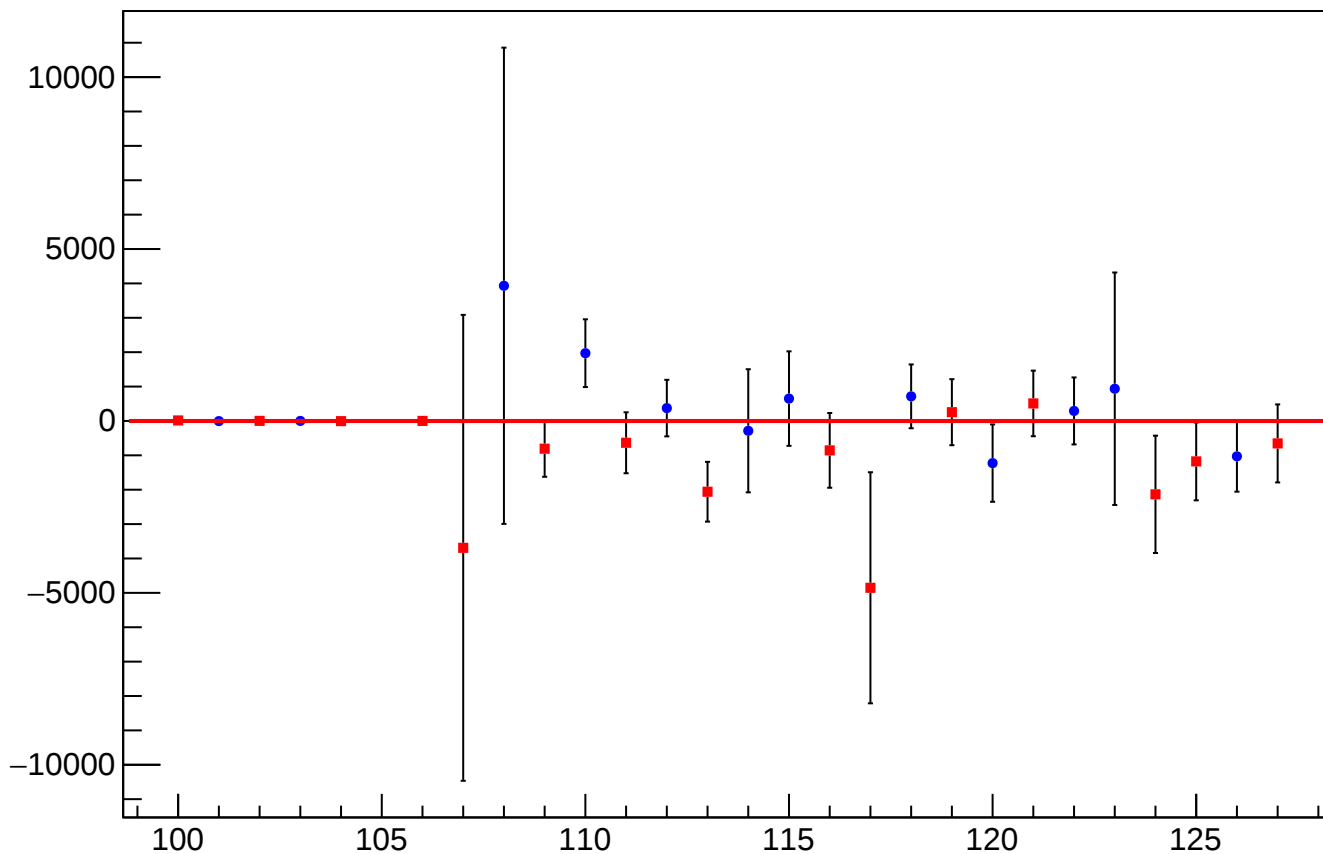
Right Out: 171.348 $\pm$ 0.058 χ^2 /NDF: 1343730.4/14

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

185.553 $\pm$ 0.068 χ^2 /NDF: 759203.1/11

171.348 $\pm$ 0.058 χ^2 /NDF: 1343730.4/14

asym_cav4bQ_mean vs Slug



Right In: -1.509+/-2.251 χ^2/NDF : 9.0/11

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

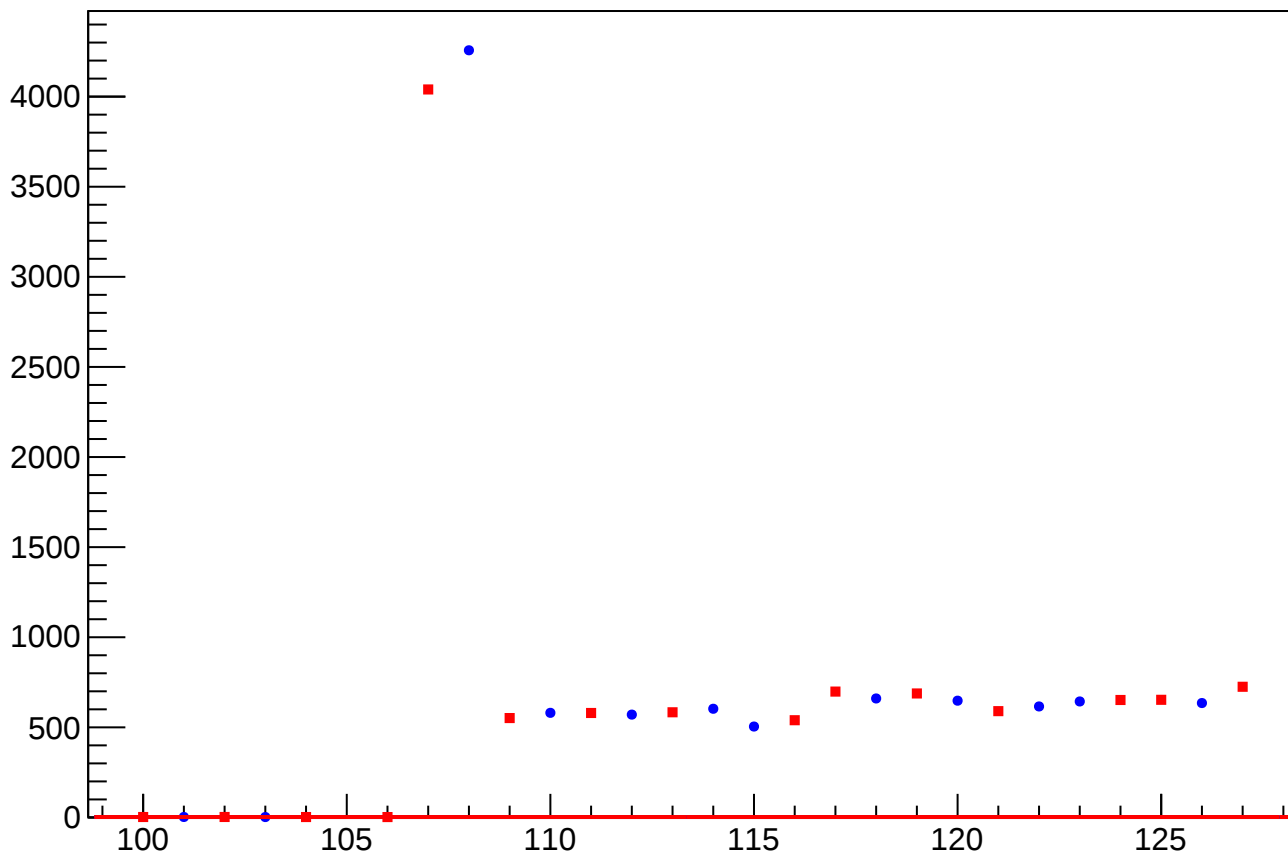
Right Out: -0.744+/-2.111 χ^2/NDF : 19.4/14

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

-1.509+/-2.251 χ^2/NDF : 9.0/11

-0.744+/-2.111 χ^2/NDF : 19.4/14

asym_cav4bQ_rms vs Slug



Right In: 2.433+/-0.002 χ^2/NDF : 6189856.2/11

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

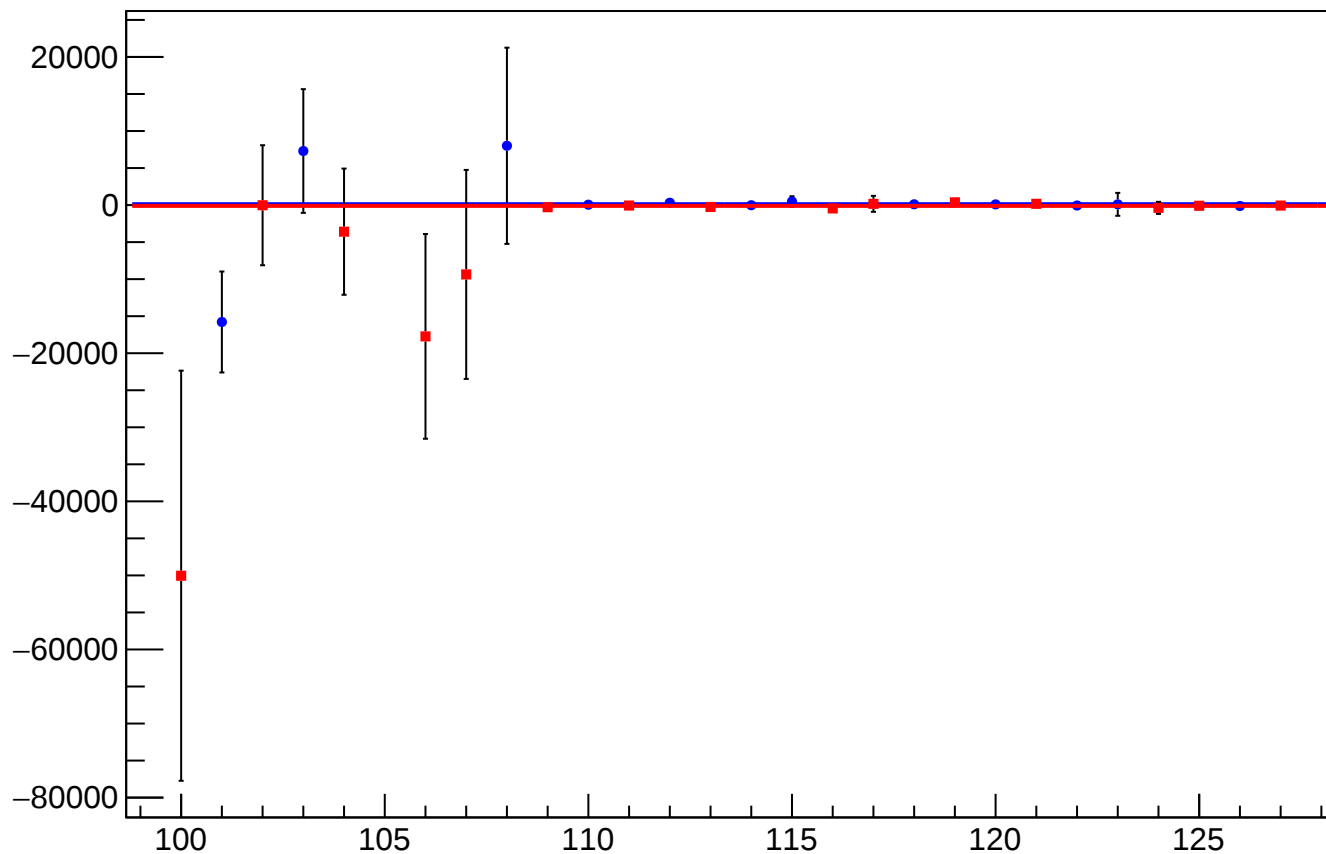
Right Out: 2.421+/-0.001 χ^2/NDF : 7483375.1/14

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

2.433+/-0.002 χ^2/NDF : 6189856.2/11

2.421+/-0.001 χ^2/NDF : 7483375.1/14

asym_cav4cQ_mean vs Slug



Right In: 118.063+/-111.408 χ^2/NDF : 8.1/11

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

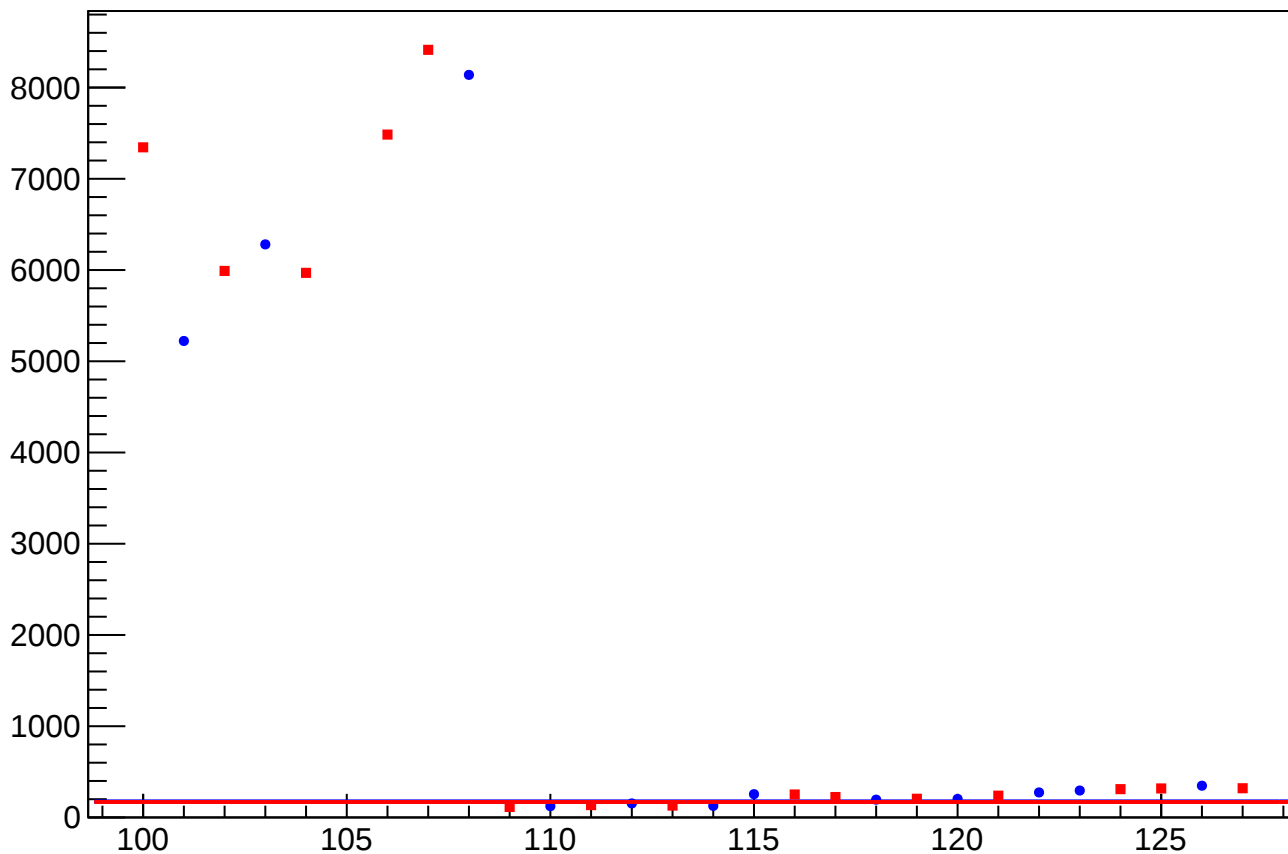
Right Out: -106.983+/-100.484 χ^2/NDF : 10.6/14

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

118.063+/-111.408 χ^2/NDF : 8.1/11

-106.983+/-100.484 χ^2/NDF : 10.6/14

asym_cav4cQ_rms vs Slug



Right In: 175.953+/-0.079 χ^2/NDF : 3403463.6/11

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

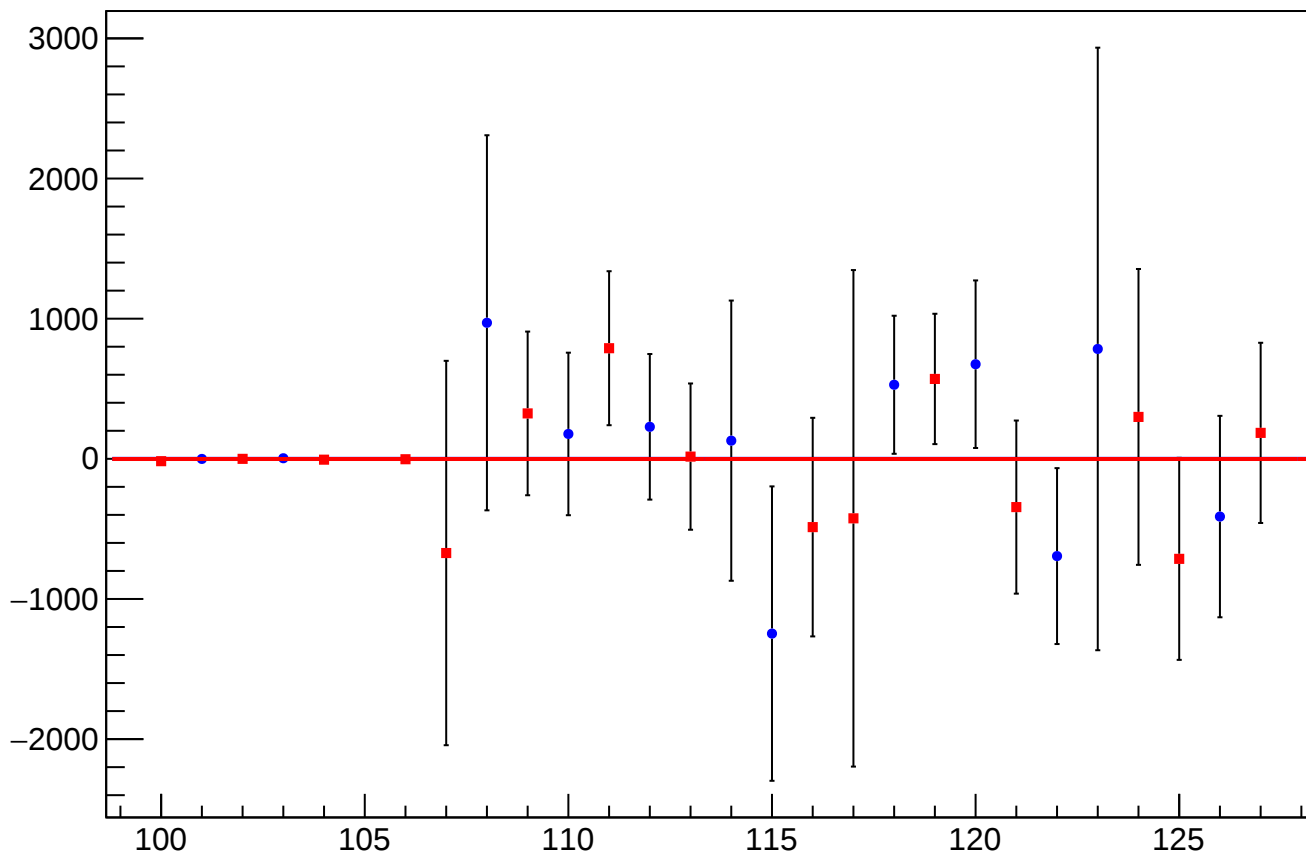
Right Out: 169.701+/-0.071 χ^2/NDF : 4116694.1/14

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

175.953+/-0.079 χ^2/NDF : 3403463.6/11

169.701+/-0.071 χ^2/NDF : 4116694.1/14

asym_cav4dQ_mean vs Slug



Right In: -0.152+/-1.737 χ^2 /NDF: 7.2/11

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

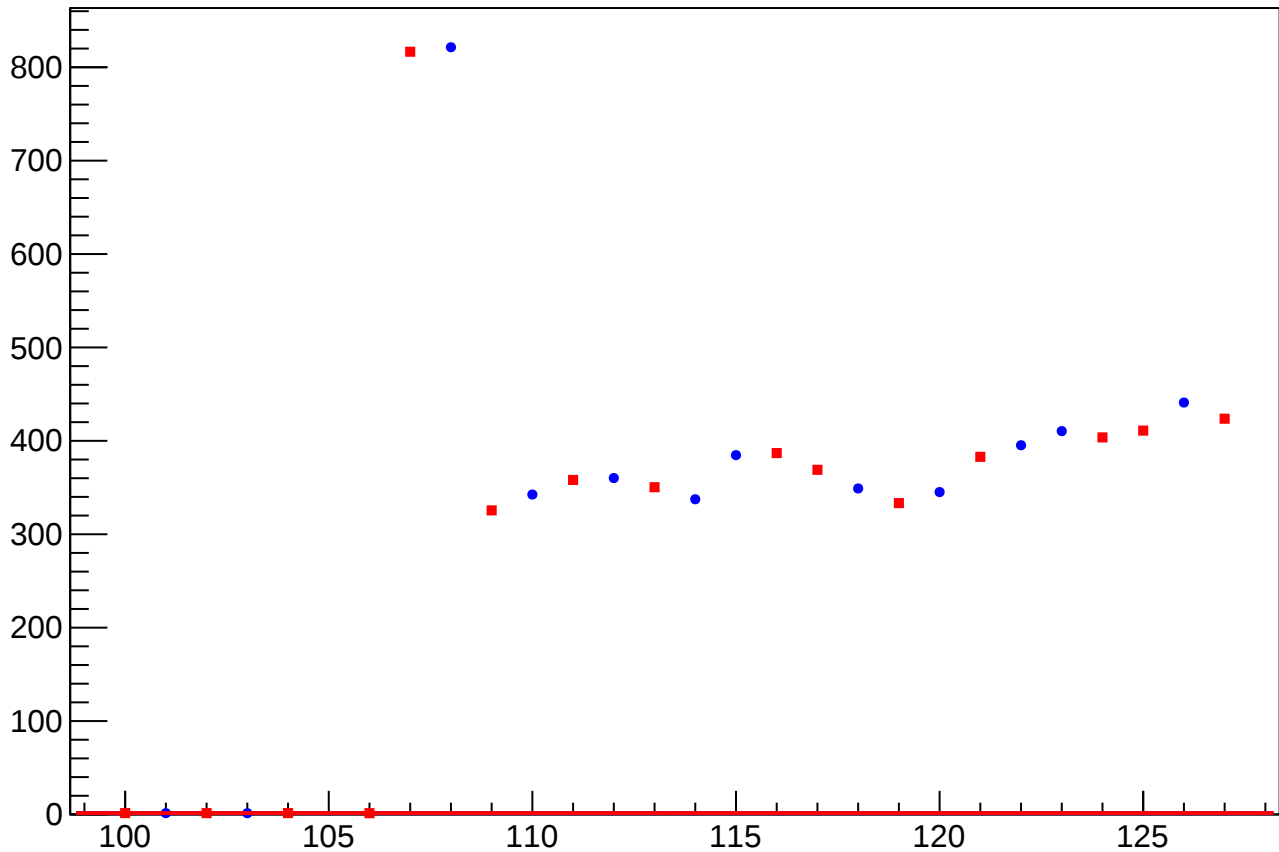
Right Out: -1.325+/-1.623 χ^2 /NDF: 8.8/14

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

-0.152+/-1.737 χ^2 /NDF: 7.2/11

-1.325+/-1.623 χ^2 /NDF: 8.8/14

asym_cav4dQ_rms vs Slug



Right In: 1.435+/-0.001 χ^2/NDF : 6155631.9/11

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

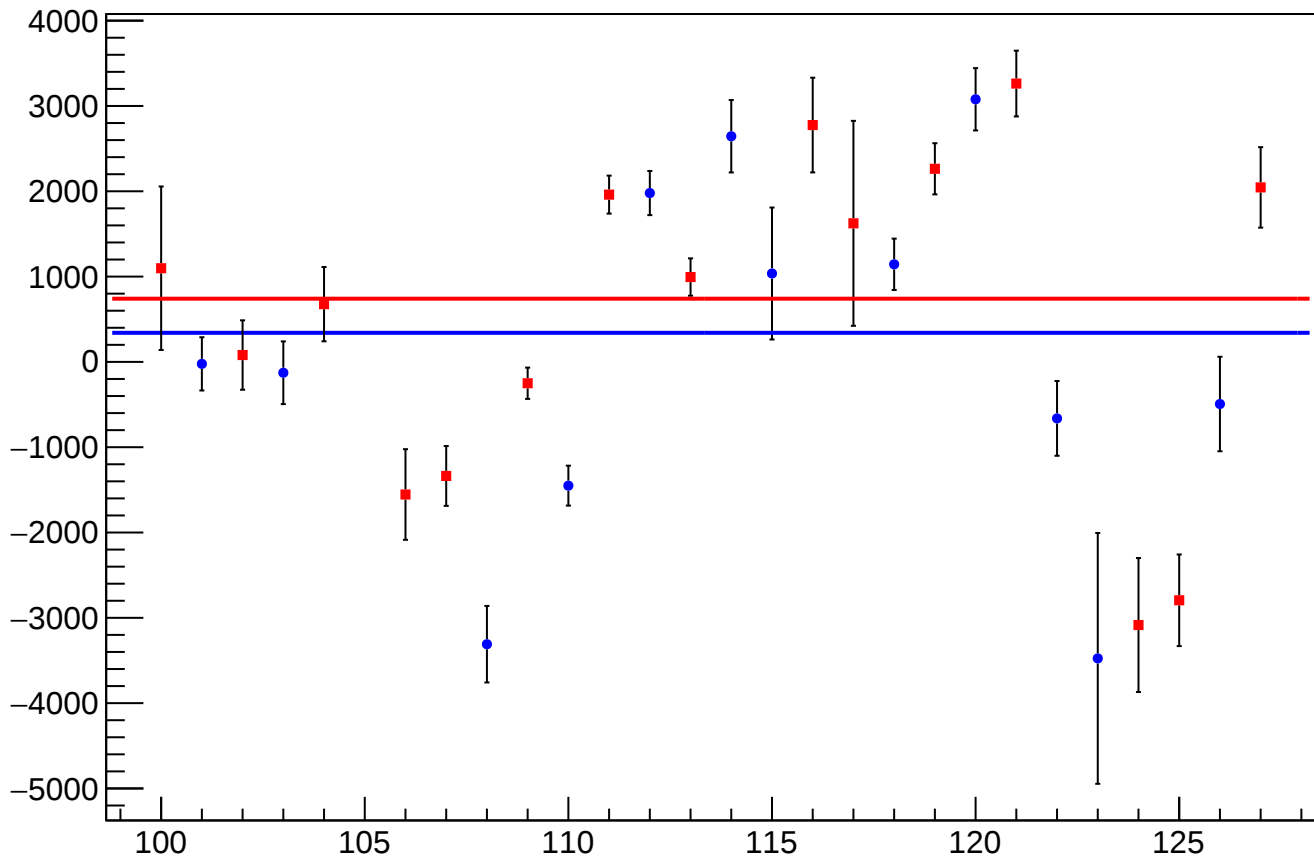
Right Out: 1.439+/-0.001 χ^2/NDF : 7216306.8/14

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

1.435+/-0.001 χ^2/NDF : 6155631.9/11

1.439+/-0.001 χ^2/NDF : 7216306.8/14

asym_bcm0l02_mean vs Slug



Right In: 341.088 $\pm$ 105.100 χ^2 /NDF: 275.7/11

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

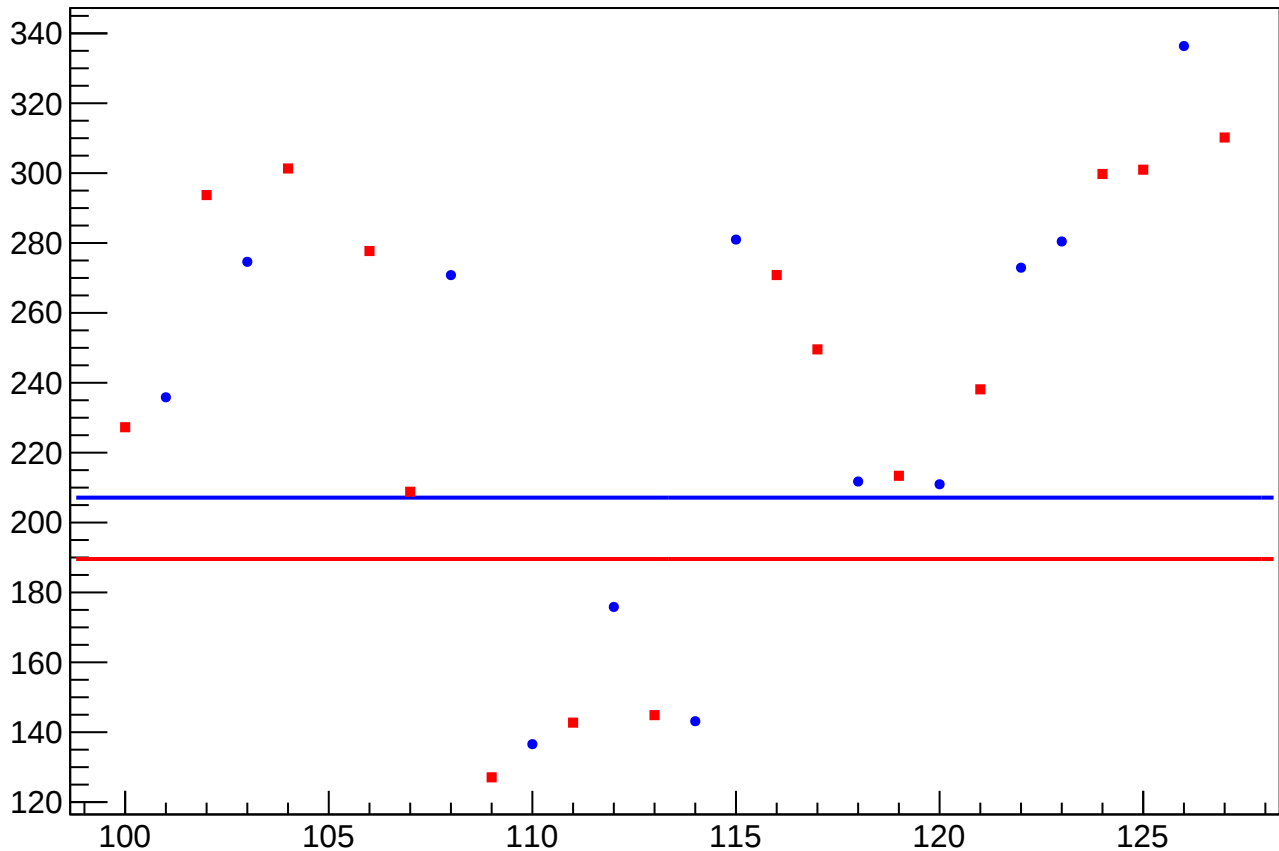
Right Out: 740.949 $\pm$ 89.018 χ^2 /NDF: 274.5/14

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

341.088 $\pm$ 105.100 χ^2 /NDF: 275.7/11

740.949 $\pm$ 89.018 χ^2 /NDF: 274.5/14

asym_bcm0l02_rms vs Slug



Right In: 207.135+/-0.074 χ^2/NDF : 559214.4/11

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

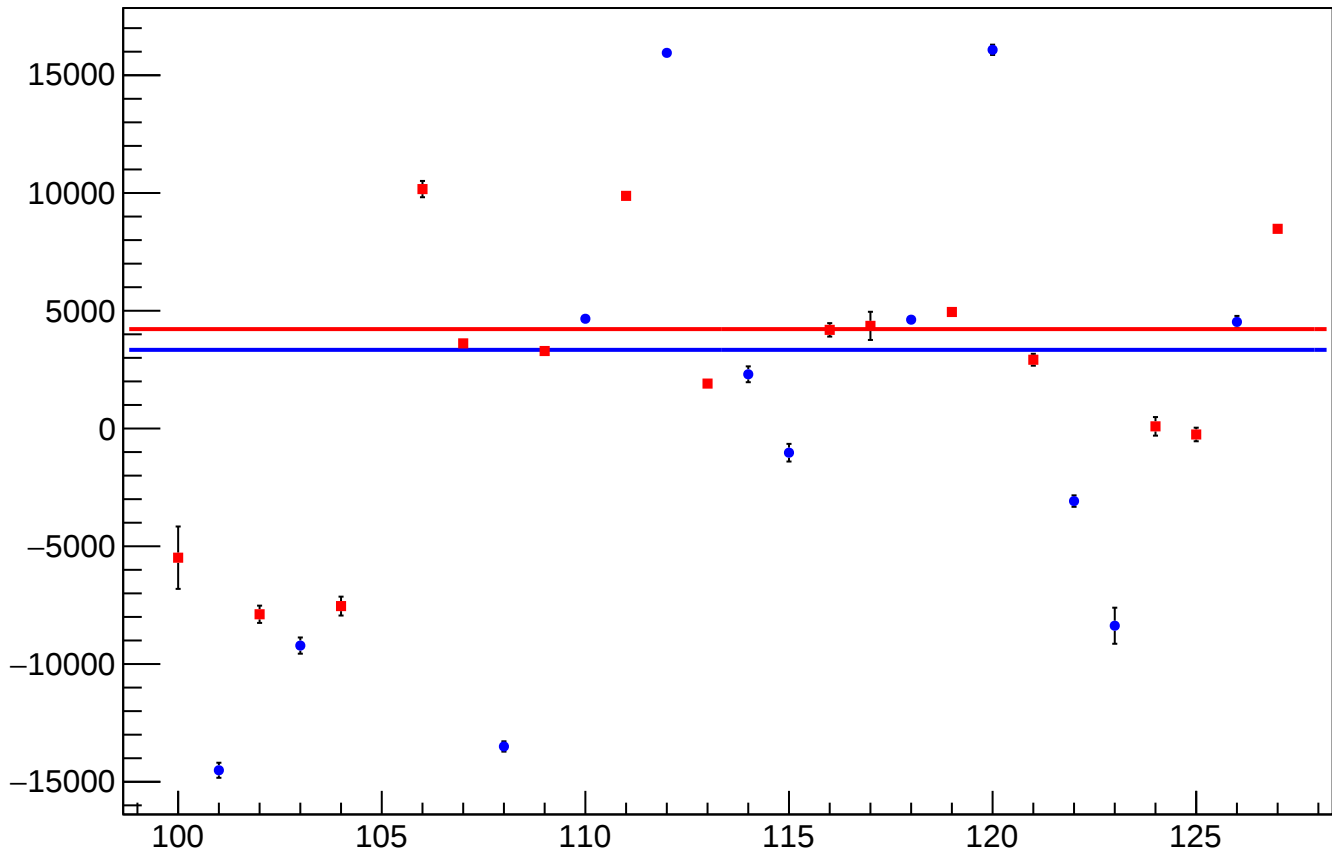
207.135+/-0.074 χ^2/NDF : 559214.4/11

Right Out: 189.566+/-0.063 χ^2/NDF : 1079377.1/14

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

189.566+/-0.063 χ^2/NDF : 1079377.1/14

asym_bpm0i02WS_mean vs Slug



Right In: 3340.066+/-68.400 χ^2/NDF : 20348.8/11

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

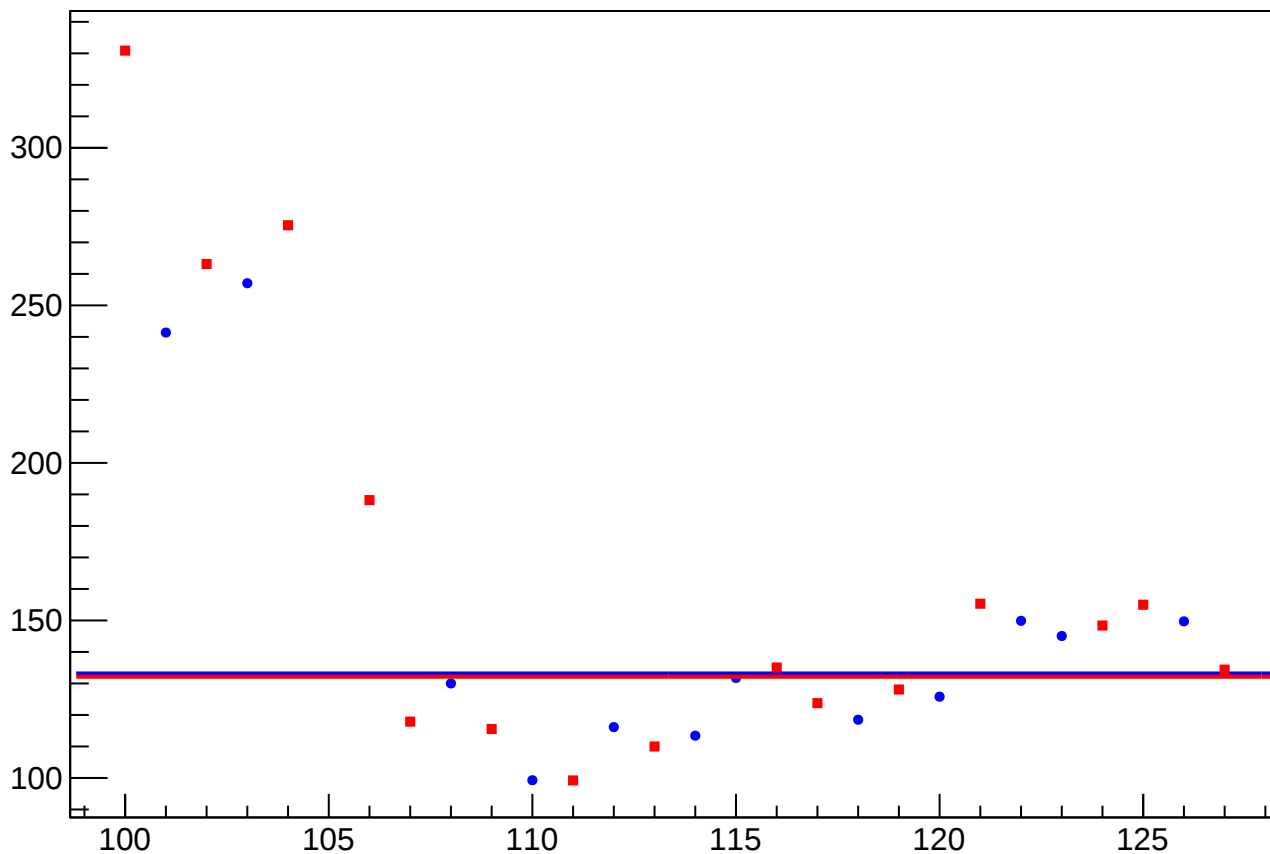
Right Out: 4220.871+/-61.337 χ^2/NDF : 4661.7/14

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

3340.066+/-68.400 χ^2/NDF : 20348.8/11

4220.871+/-61.337 χ^2/NDF : 4661.7/14

asym_bpm0i02WS_rms vs Slug



Right In: 133.176+/-0.048 χ^2/NDF : 629671.6/11

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

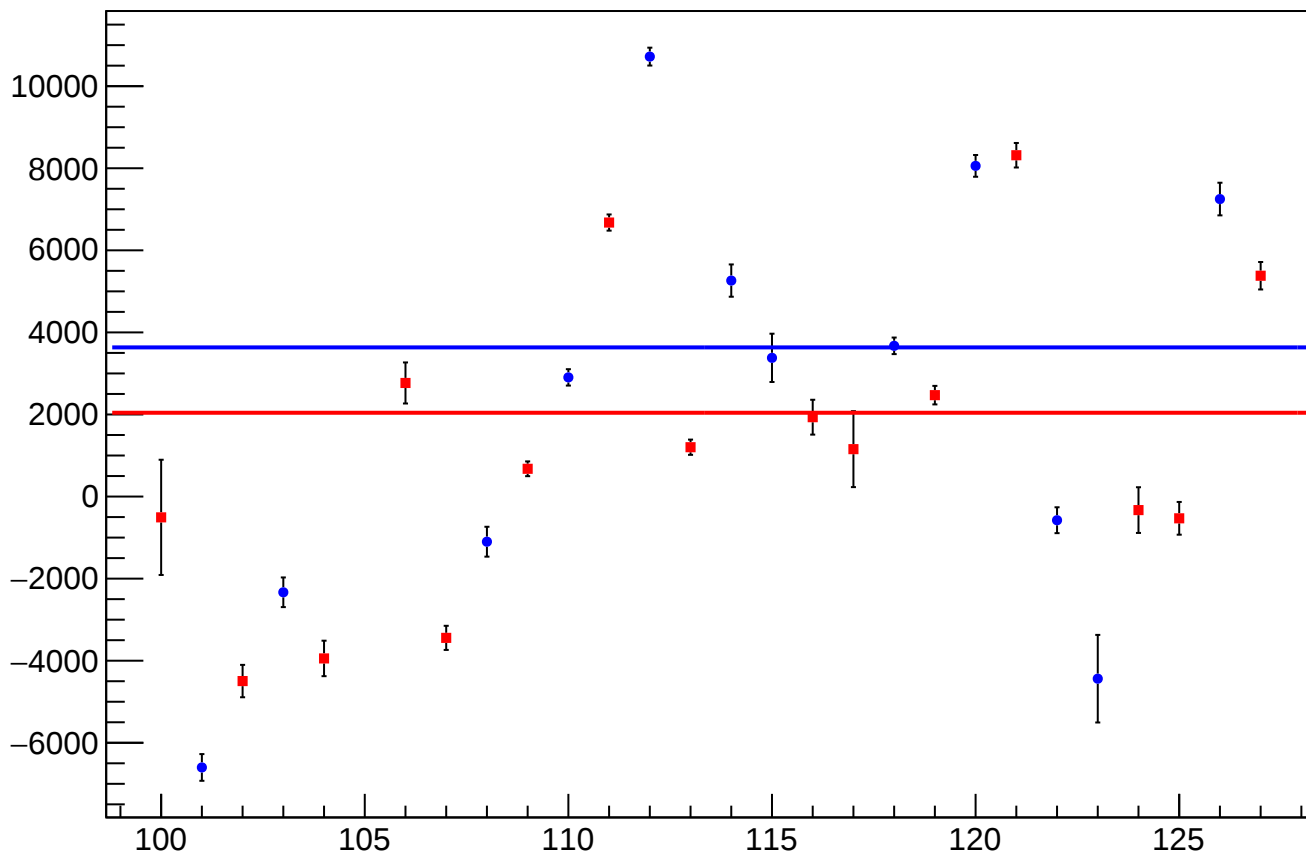
Right Out: 132.129+/-0.043 χ^2/NDF : 798086.4/14

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

133.176+/-0.048 χ^2/NDF : 629671.6/11

132.129+/-0.043 χ^2/NDF : 798086.4/14

asym_bpm0i02aWS_mean vs Slug



Right In: 3634.671+/-85.677 χ^2/NDF : 3116.0/11

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

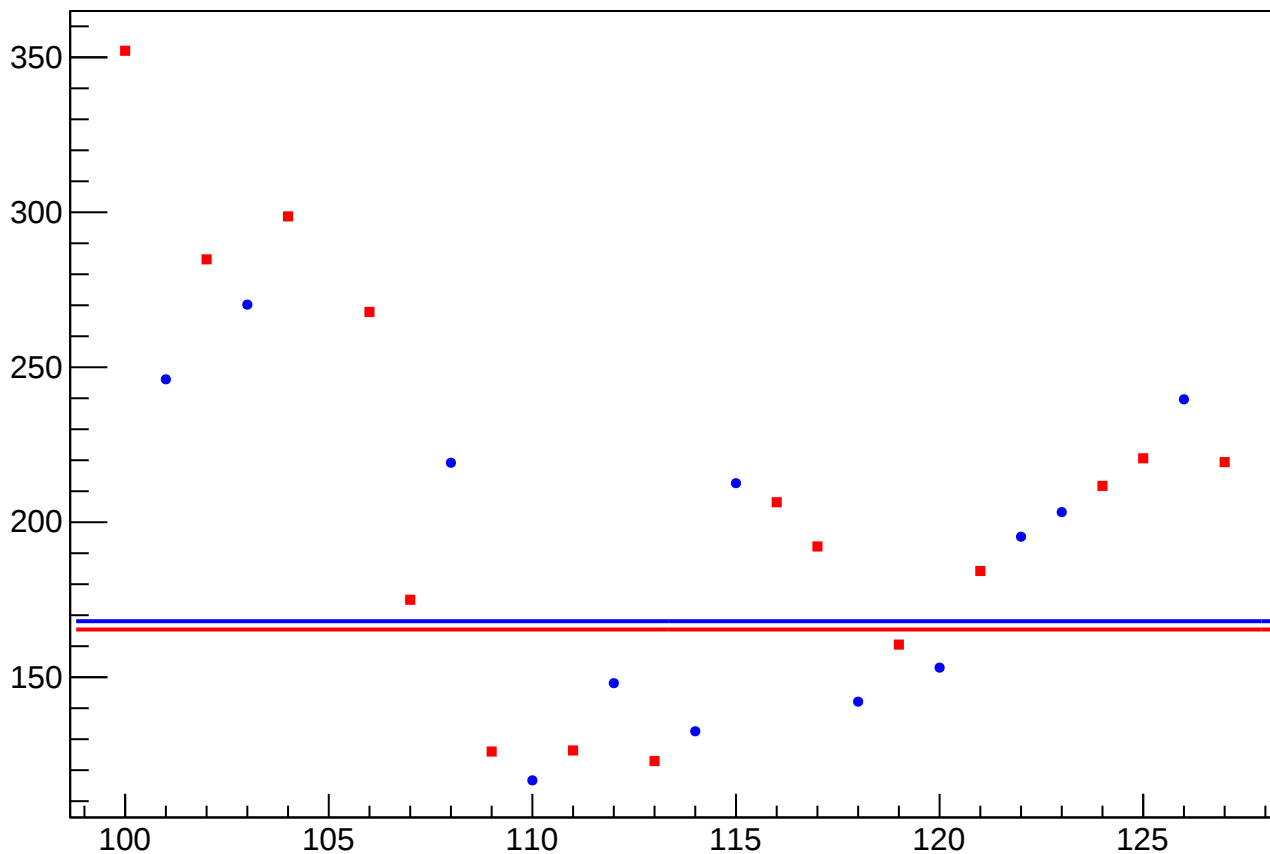
Right Out: 2041.959+/-76.833 χ^2/NDF : 2055.4/14

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

3634.671+/-85.677 χ^2/NDF : 3116.0/11

2041.959+/-76.833 χ^2/NDF : 2055.4/14

asym_bpm0i02aWS_rms vs Slug



Right In: 168.070+/-0.061 χ^2/NDF : 612565.5/11

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

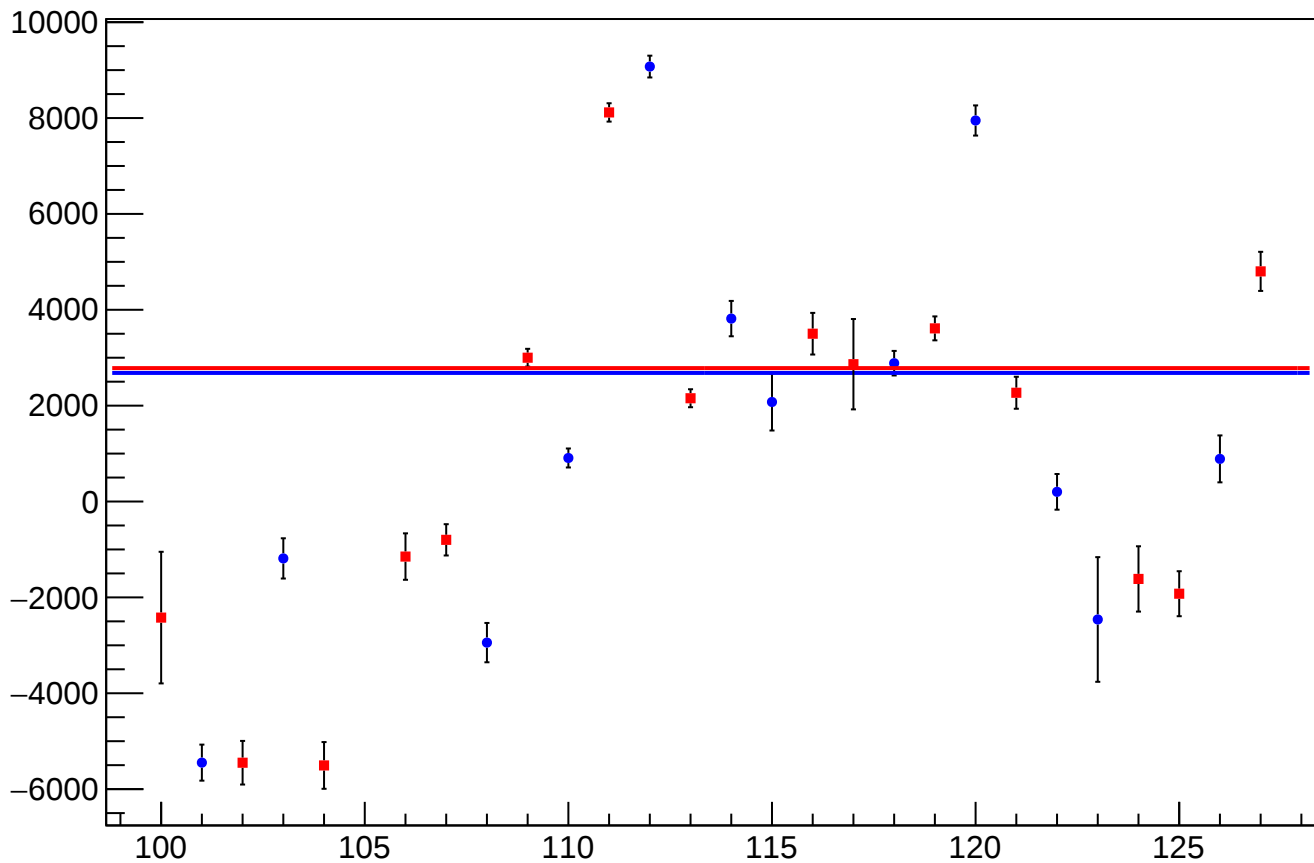
Right Out: 165.392+/-0.054 χ^2/NDF : 906801.3/14

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

168.070+/-0.061 χ^2/NDF : 612565.5/11

165.392+/-0.054 χ^2/NDF : 906801.3/14

asym_bpm0i05WS_mean vs Slug



Right In: 2682.764+/-94.900 χ^2/NDF : 1976.2/11

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

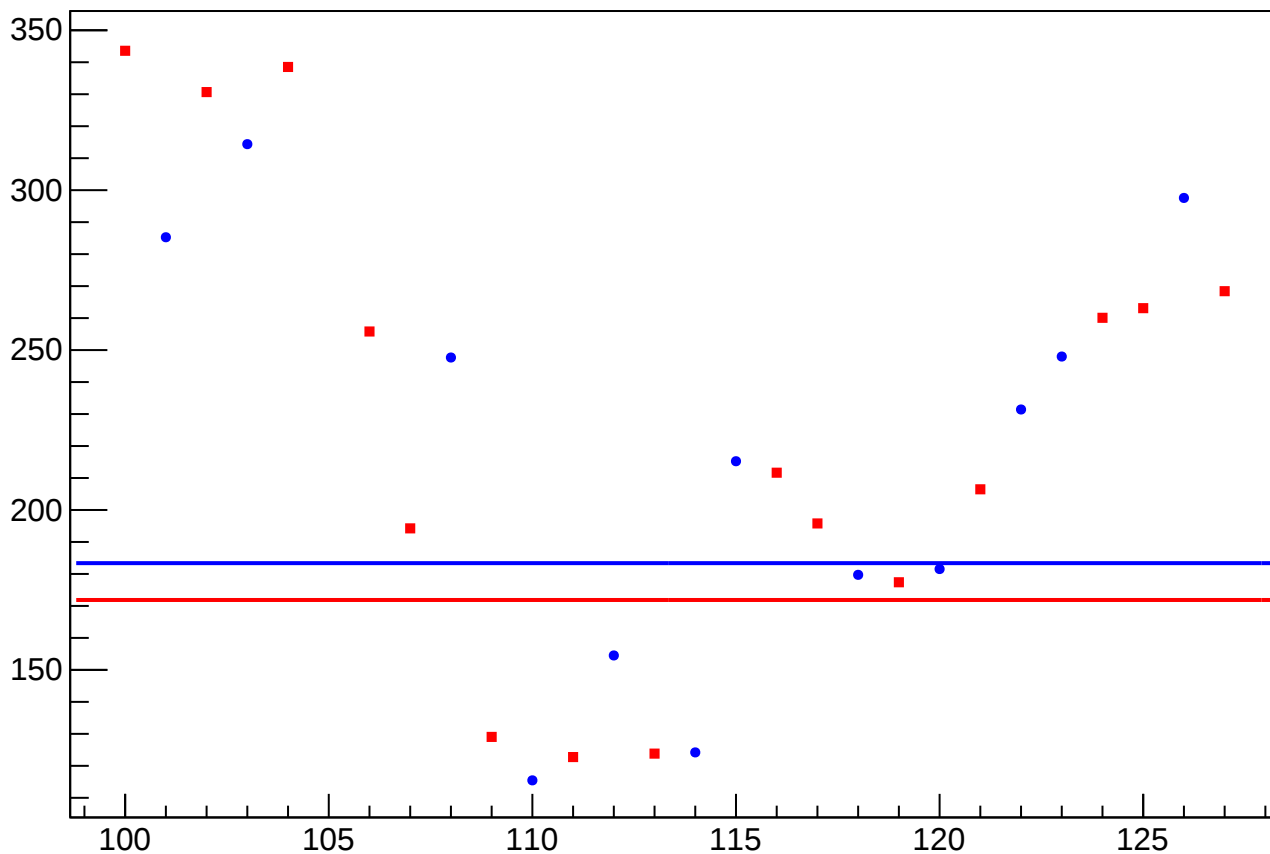
Right Out: 2783.271+/-81.073 χ^2/NDF : 1788.7/14

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

2682.764+/-94.900 χ^2/NDF : 1976.2/11

2783.271+/-81.073 χ^2/NDF : 1788.7/14

asym_bpm0i05WS_rms vs Slug



Right In: 183.378+/-0.067 χ^2/NDF : 863034.0/11

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

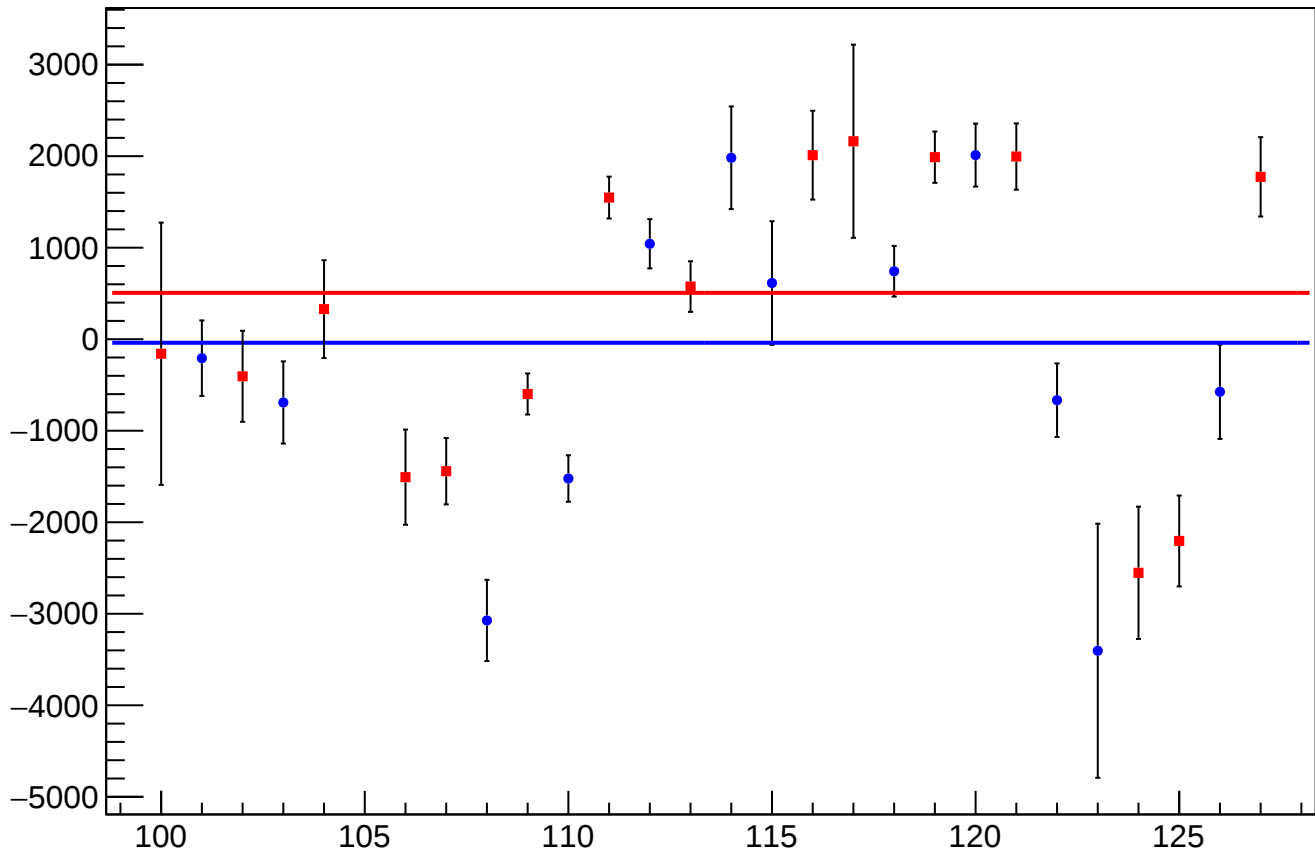
Right Out: 171.858+/-0.057 χ^2/NDF : 1209270.3/14

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

183.378+/-0.067 χ^2/NDF : 863034.0/11

171.858+/-0.057 χ^2/NDF : 1209270.3/14

asym_bpm0i07WS_mean vs Slug



Right In: -38.839+/-110.033 χ^2/NDF : 166.1/11

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

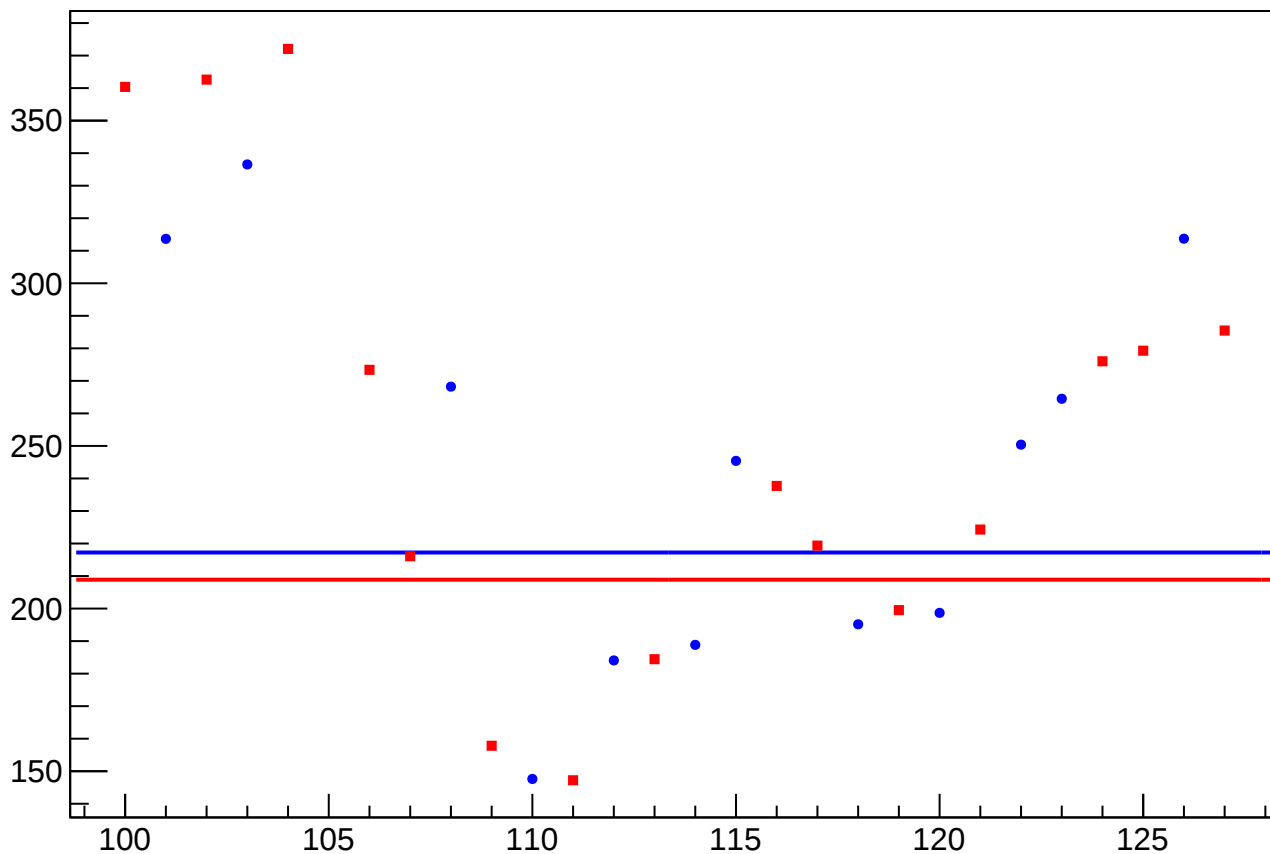
Right Out: 506.414+/-96.169 χ^2/NDF : 205.7/14

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

-38.839+/-110.033 χ^2/NDF : 166.1/11

506.414+/-96.169 χ^2/NDF : 205.7/14

asym_bpm0i07WS_rms vs Slug



Right In: 217.239+/-0.078 χ^2/NDF : 570848.5/11

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

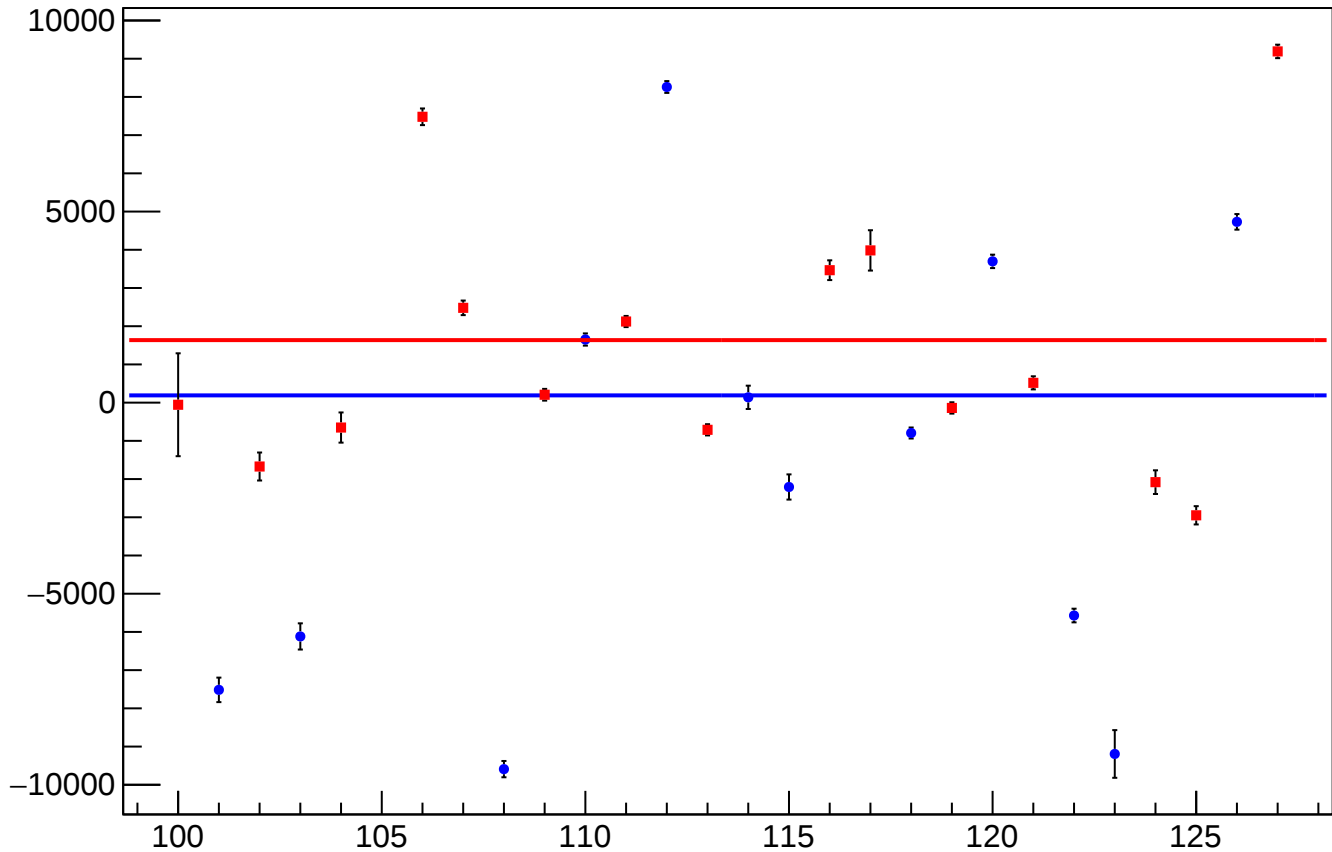
Right Out: 208.877+/-0.068 χ^2/NDF : 828731.3/14

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

217.239+/-0.078 χ^2/NDF : 570848.5/11

208.877+/-0.068 χ^2/NDF : 828731.3/14

asym_bpm1i02WS_mean vs Slug



Right In: 189.819 $\pm$ 59.801 χ^2 /NDF: 8086.7/11

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

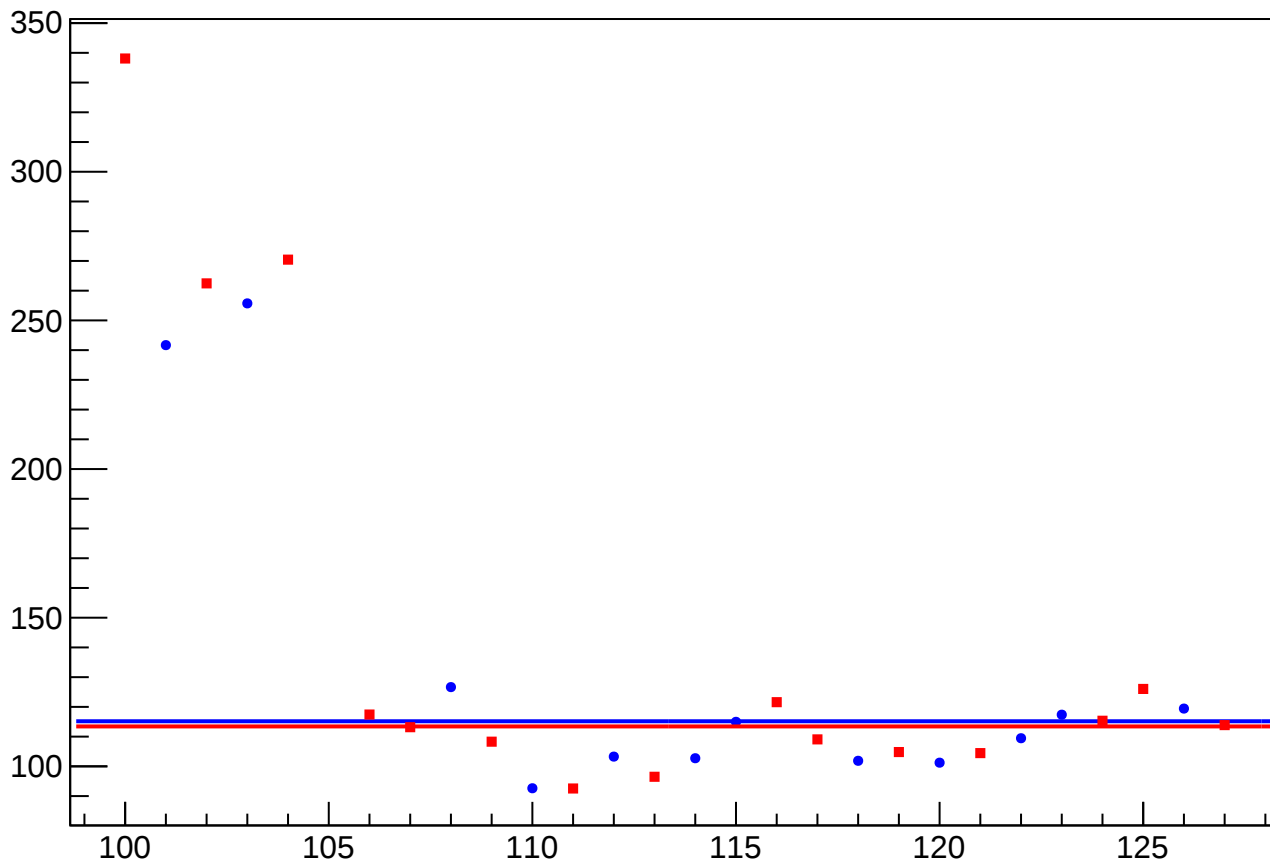
Right Out: 1636.087 $\pm$ 52.925 χ^2 /NDF: 3812.3/14

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

189.819 $\pm$ 59.801 χ^2 /NDF: 8086.7/11

1636.087 $\pm$ 52.925 χ^2 /NDF: 3812.3/14

asym_bpm1i02WS_rms vs Slug



Right In: 115.166+/-0.042 χ^2/NDF : 740873.9/11

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

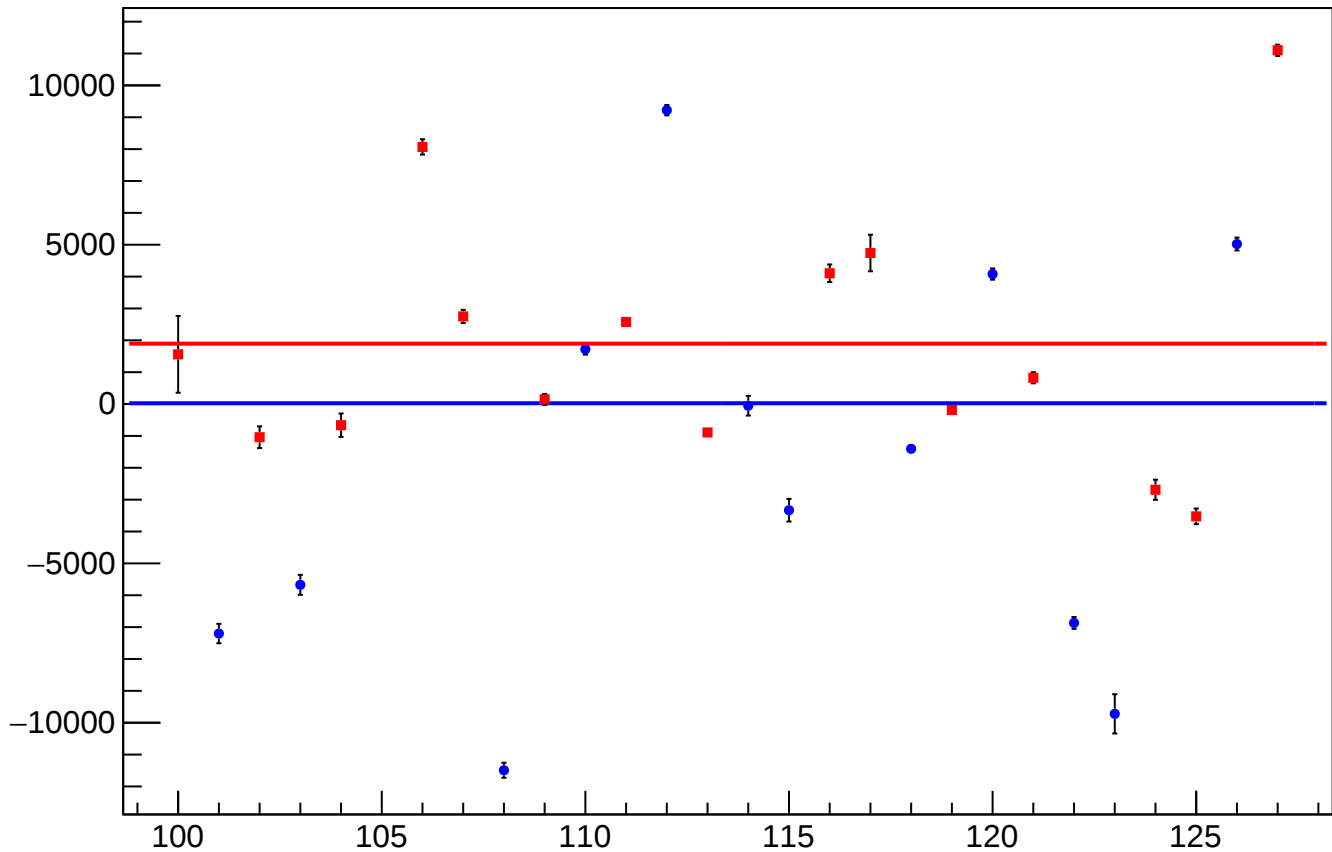
Right Out: 113.427+/-0.037 χ^2/NDF : 793299.2/14

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

115.166+/-0.042 χ^2/NDF : 740873.9/11

113.427+/-0.037 χ^2/NDF : 793299.2/14

asym_bpm2i01WS_mean vs Slug



Right In: 25.464+/-61.564 χ^2/NDF : 9512.8/11

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

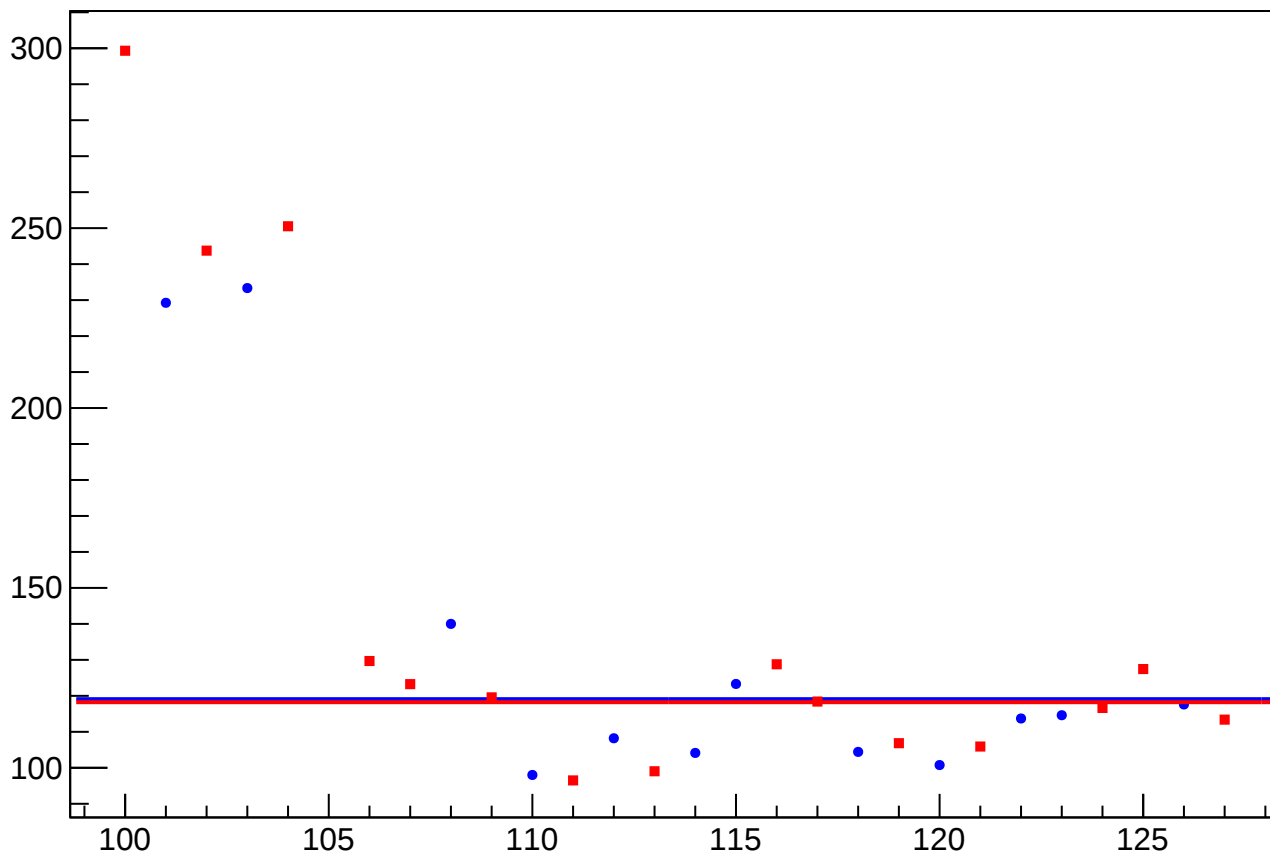
Right Out: 1895.484+/-55.065 χ^2/NDF : 5006.4/14

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

25.464+/-61.564 χ^2/NDF : 9512.8/11

1895.484+/-55.065 χ^2/NDF : 5006.4/14

asym_bpm2i01WS_rms vs Slug



Right In: 119.078+/-0.044 χ^2/NDF : 632232.3/11

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

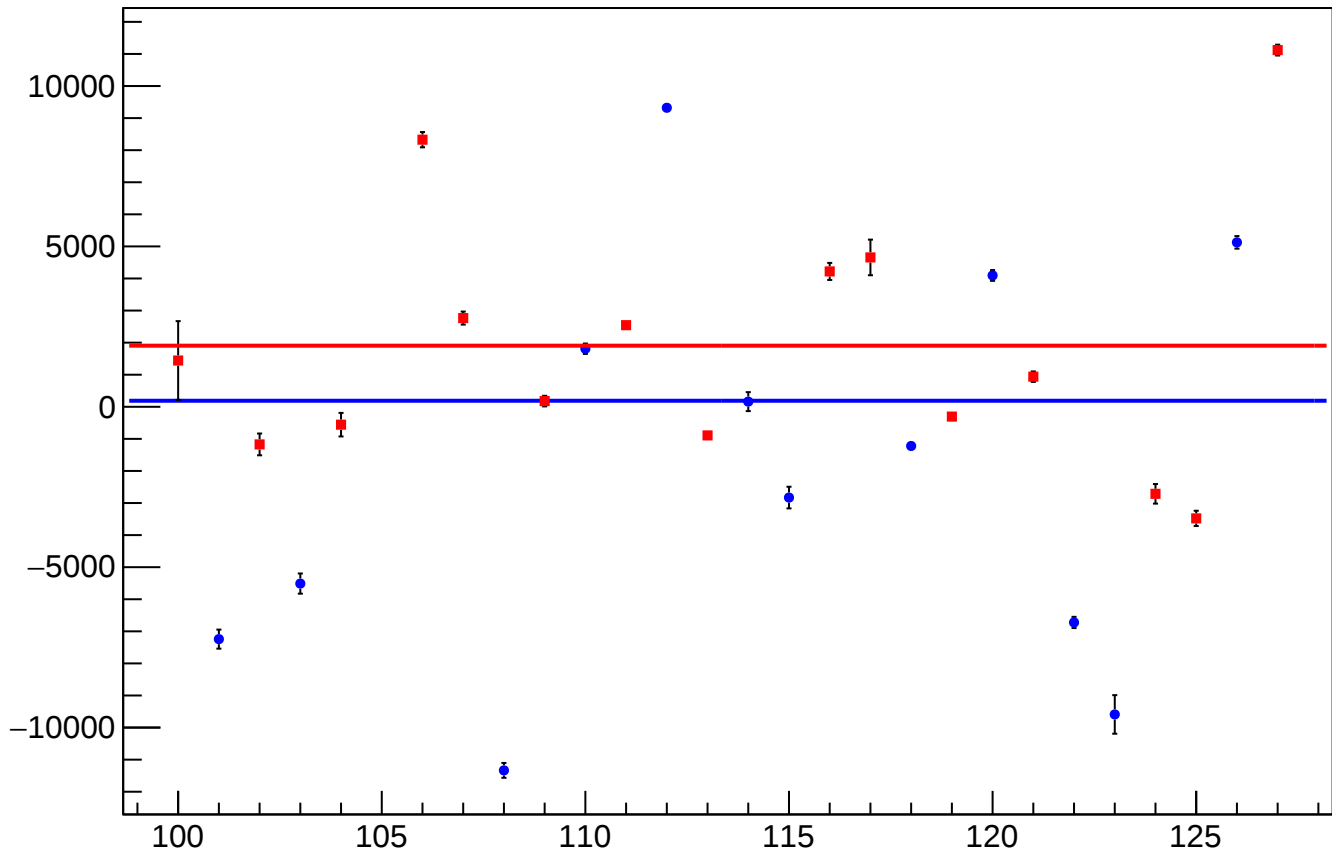
Right Out: 118.237+/-0.039 χ^2/NDF : 683672.8/14

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

119.078+/-0.044 χ^2/NDF : 632232.3/11

118.237+/-0.039 χ^2/NDF : 683672.8/14

asym_bpm2i02WS_mean vs Slug



Right In: 188.448+/-59.095 χ^2/NDF : 10143.4/11

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

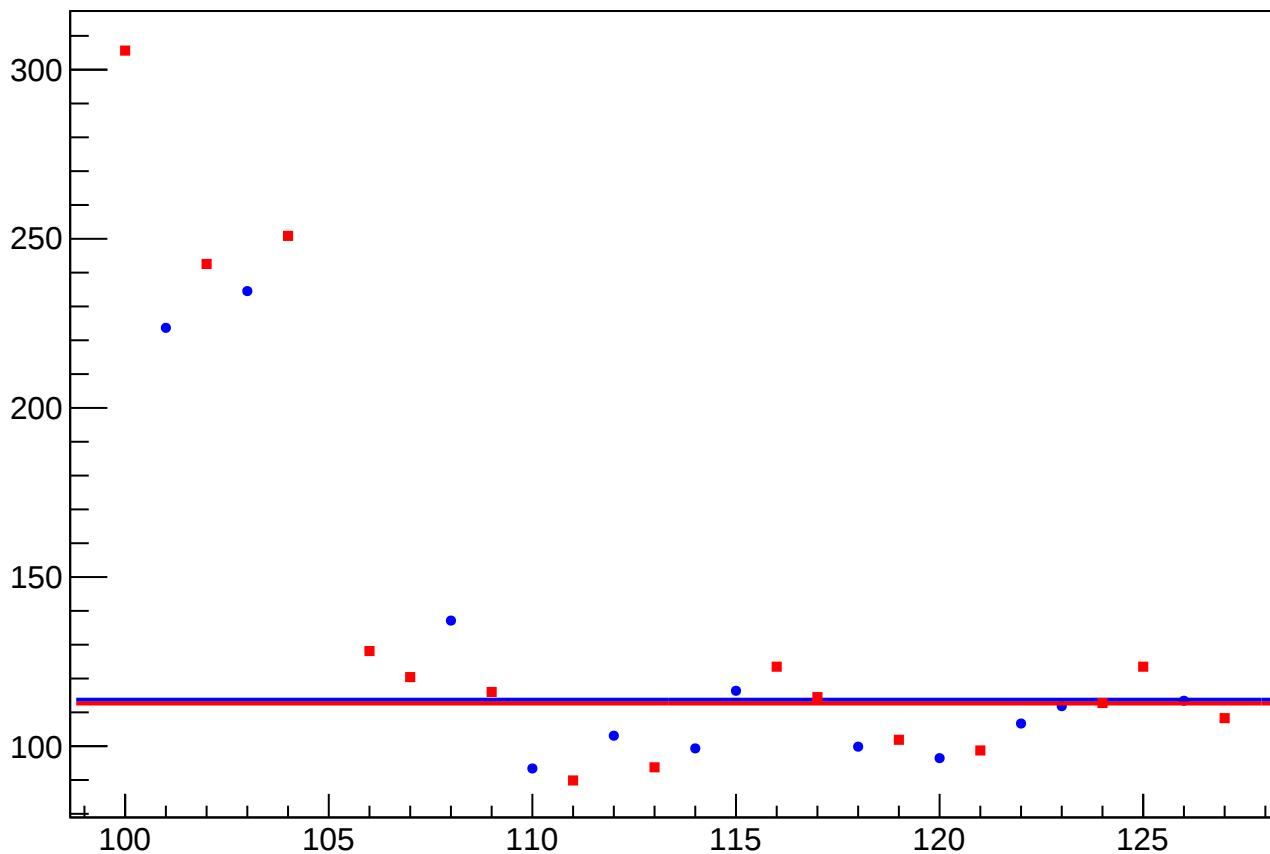
Right Out: 1905.414+/-52.770 χ^2/NDF : 5472.1/14

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

188.448+/-59.095 χ^2/NDF : 10143.4/11

1905.414+/-52.770 χ^2/NDF : 5472.1/14

asym_bpm2i02WS_rms vs Slug



Right In: 113.733+/-0.042 χ^2/NDF : 677926.1/11

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

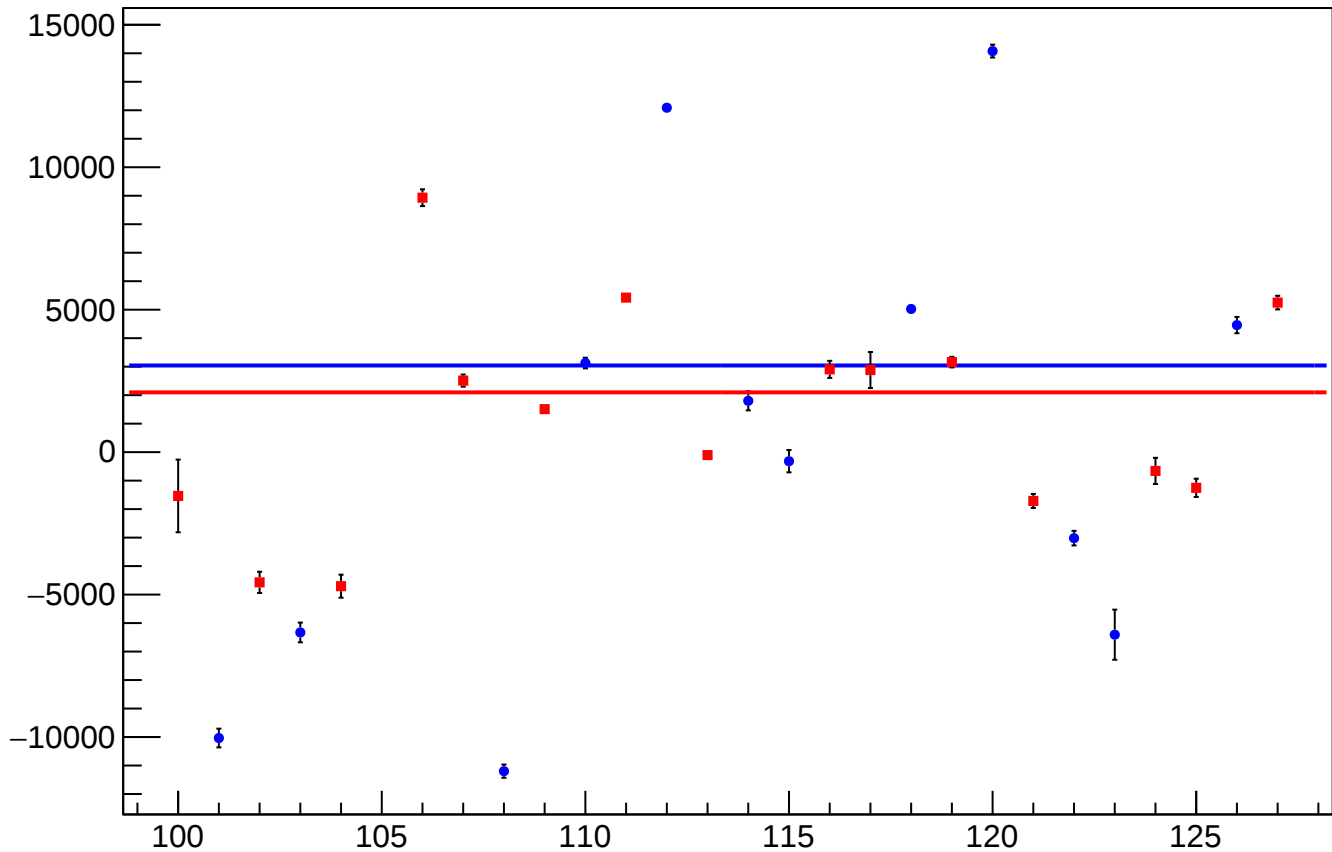
Right Out: 112.623+/-0.037 χ^2/NDF : 757915.7/14

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

113.733+/-0.042 χ^2/NDF : 677926.1/11

112.623+/-0.037 χ^2/NDF : 757915.7/14

asym_bpm0i01WS_mean vs Slug



Right In: 3041.561+/-71.727 χ^2/NDF : 12036.8/11

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

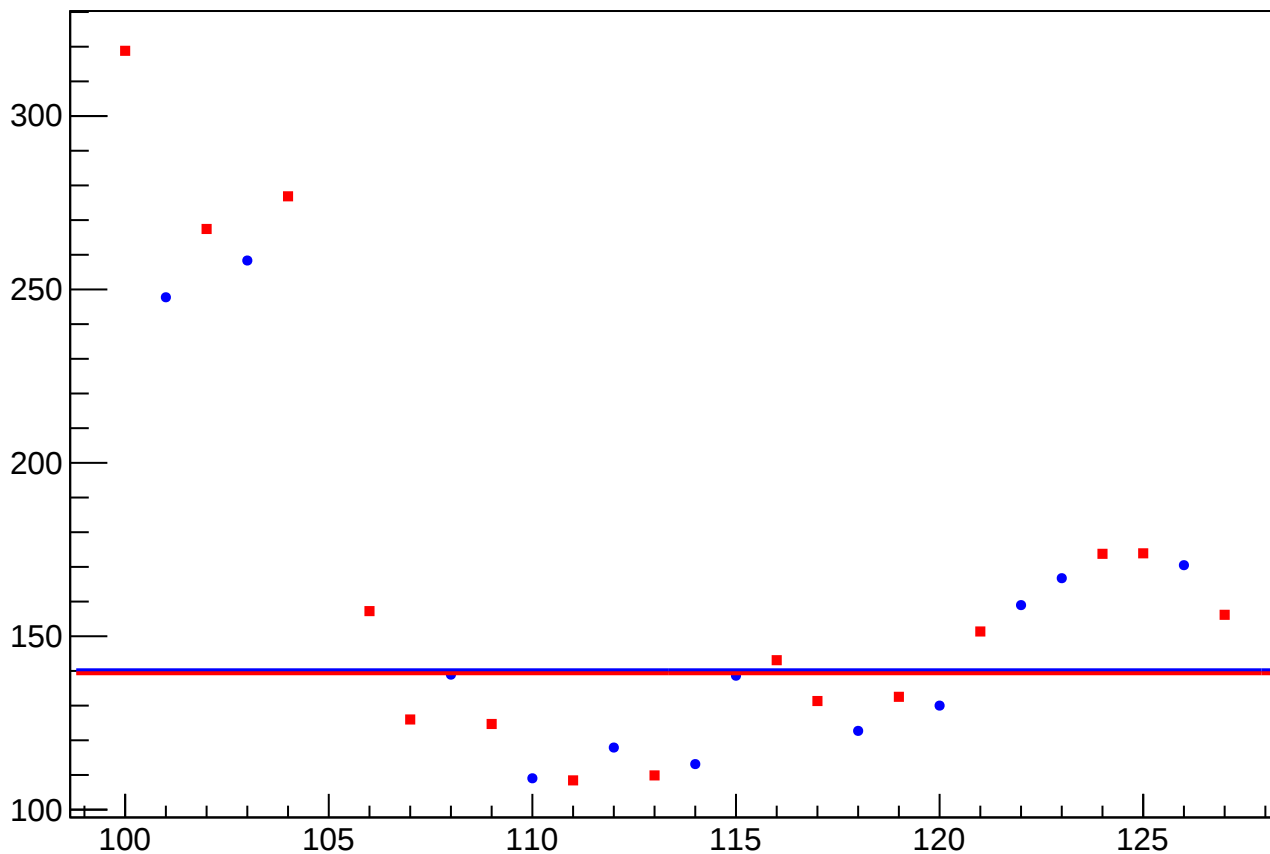
Right Out: 2097.475+/-64.345 χ^2/NDF : 2320.8/14

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

3041.561+/-71.727 χ^2/NDF : 12036.8/11

2097.475+/-64.345 χ^2/NDF : 2320.8/14

asym_bpm0i01WS_rms vs Slug



Right In: 140.184+/-0.051 χ^2/NDF : 607733.6/11

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

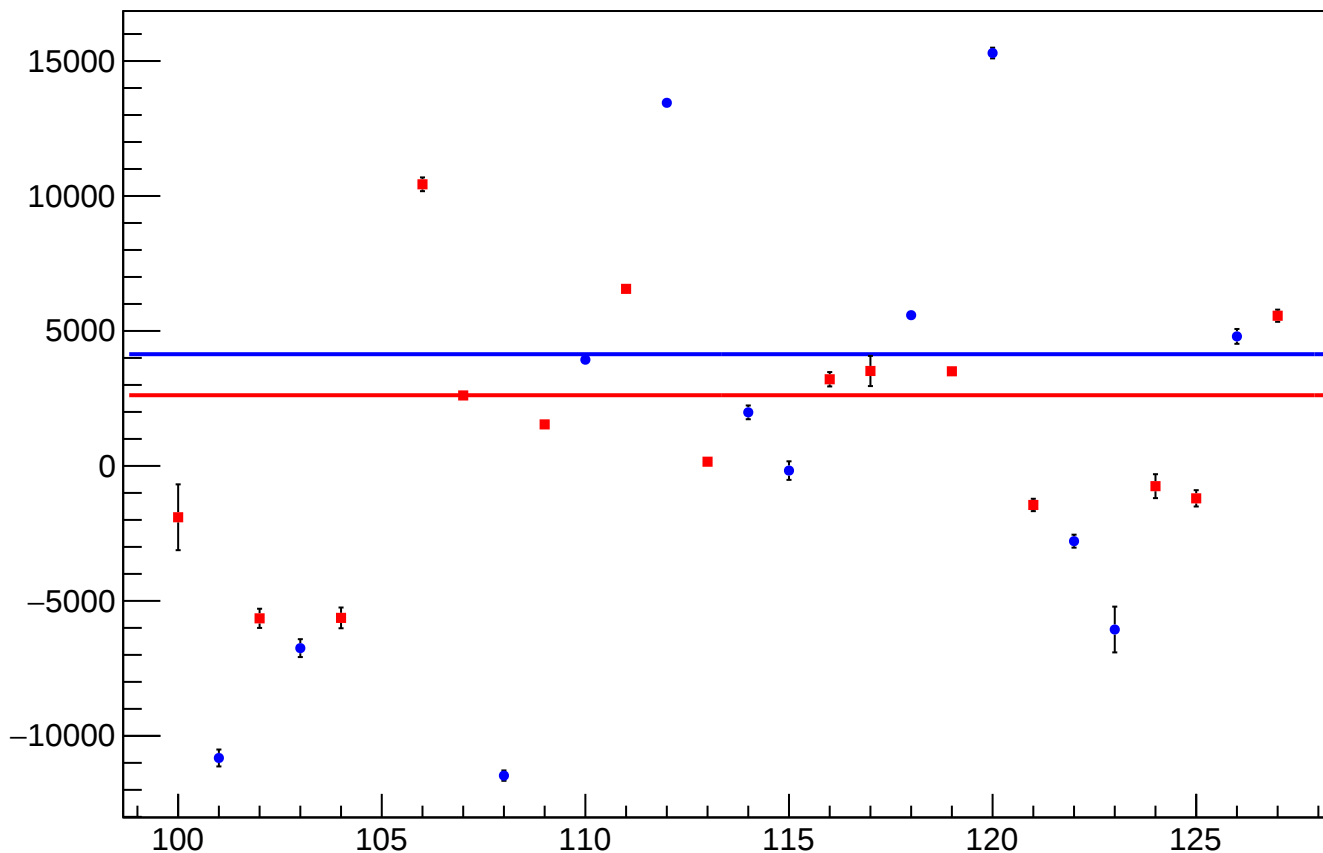
Right Out: 139.331+/-0.045 χ^2/NDF : 718124.4/14

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

140.184+/-0.051 χ^2/NDF : 607733.6/11

139.331+/-0.045 χ^2/NDF : 718124.4/14

asym_bpm0i01aWS_mean vs Slug



Right In: 4138.893+/-59.213 χ^2/NDF : 19365.3/11

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

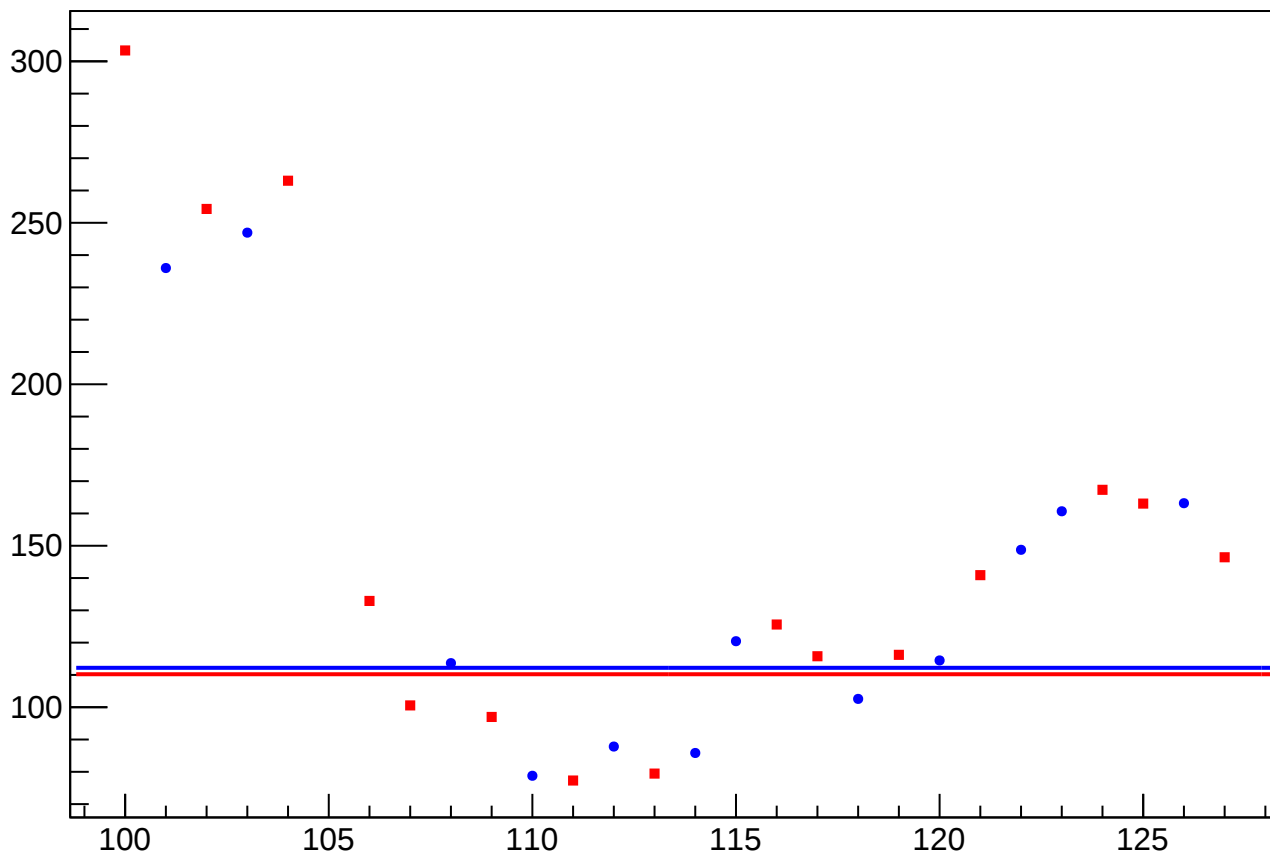
Right Out: 2619.203+/-52.641 χ^2/NDF : 4191.4/14

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

4138.893+/-59.213 χ^2/NDF : 19365.3/11

2619.203+/-52.641 χ^2/NDF : 4191.4/14

asym_bpm0i01aWS_rms vs Slug



Right In: 112.203 $\pm$ 0.042 χ^2 /NDF: 983429.4/11

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

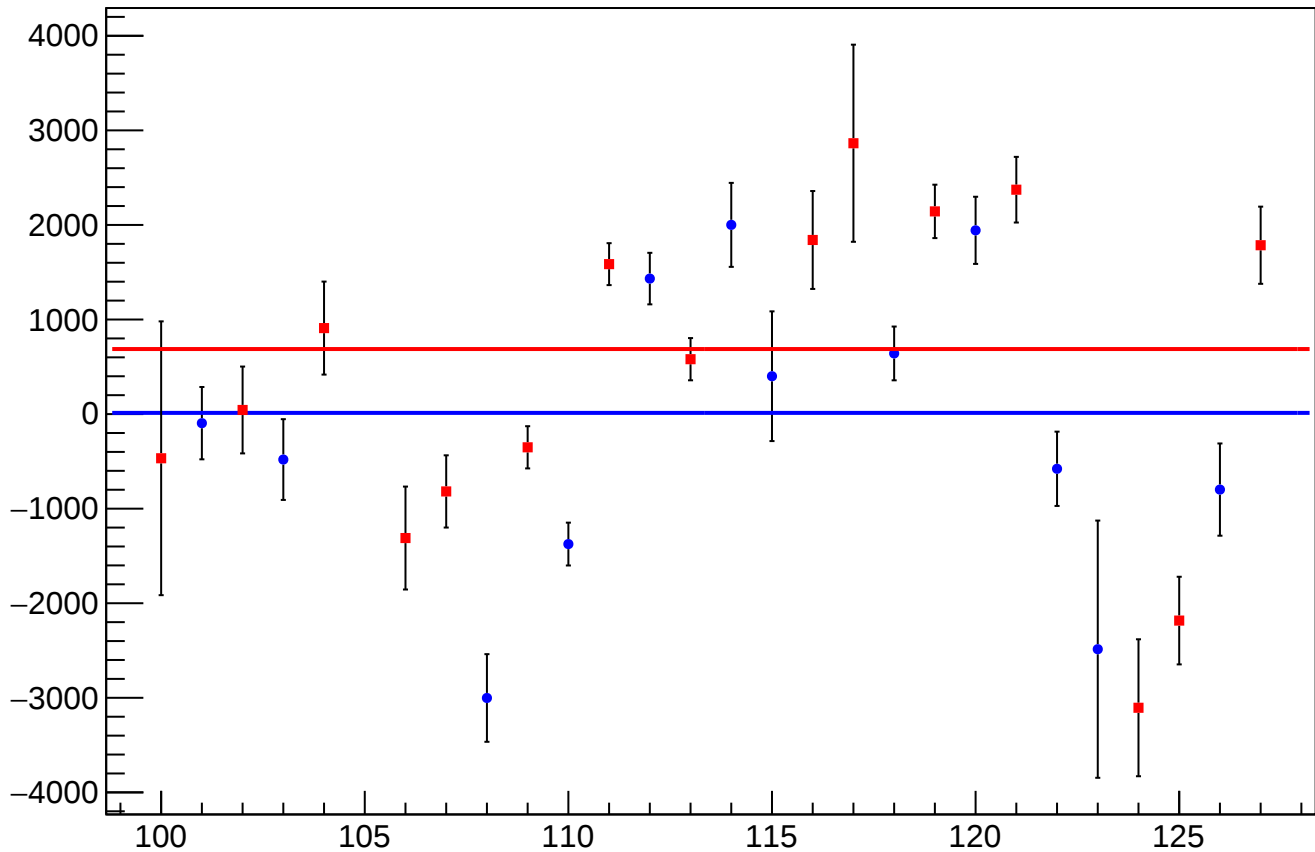
Right Out: 110.214 $\pm$ 0.037 χ^2 /NDF: 1198336.9/14

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

112.203 $\pm$ 0.042 χ^2 /NDF: 983429.4/11

110.214 $\pm$ 0.037 χ^2 /NDF: 1198336.9/14

asym_bpm0l01WS_mean vs Slug



Right In: 12.766+/-106.190 χ^2/NDF : 171.6/11

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

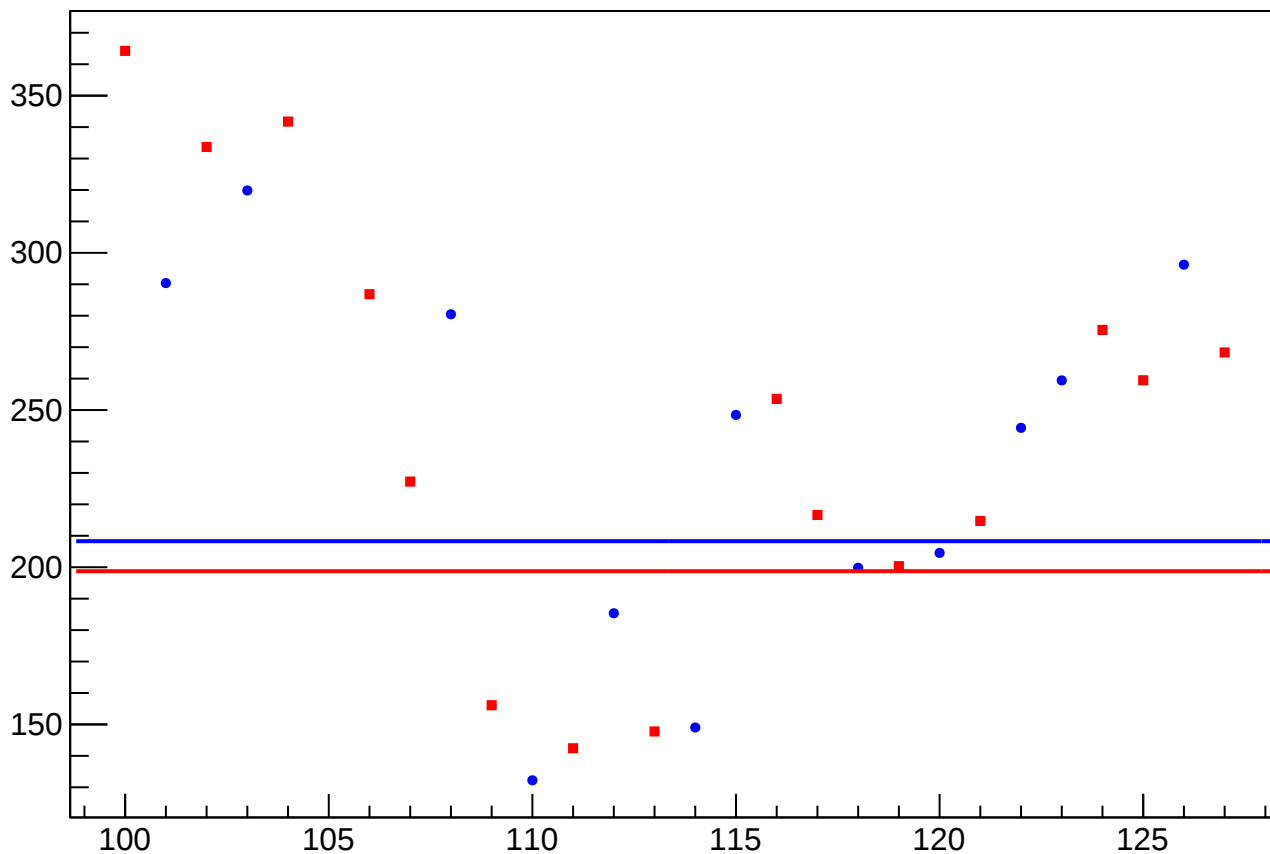
Right Out: 687.864+/-92.002 χ^2/NDF : 202.7/14

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

12.766+/-106.190 χ^2/NDF : 171.6/11

687.864+/-92.002 χ^2/NDF : 202.7/14

asym_bpm0l01WS_rms vs Slug



Right In: 208.279+/-0.075 χ^2/NDF : 646284.4/11

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

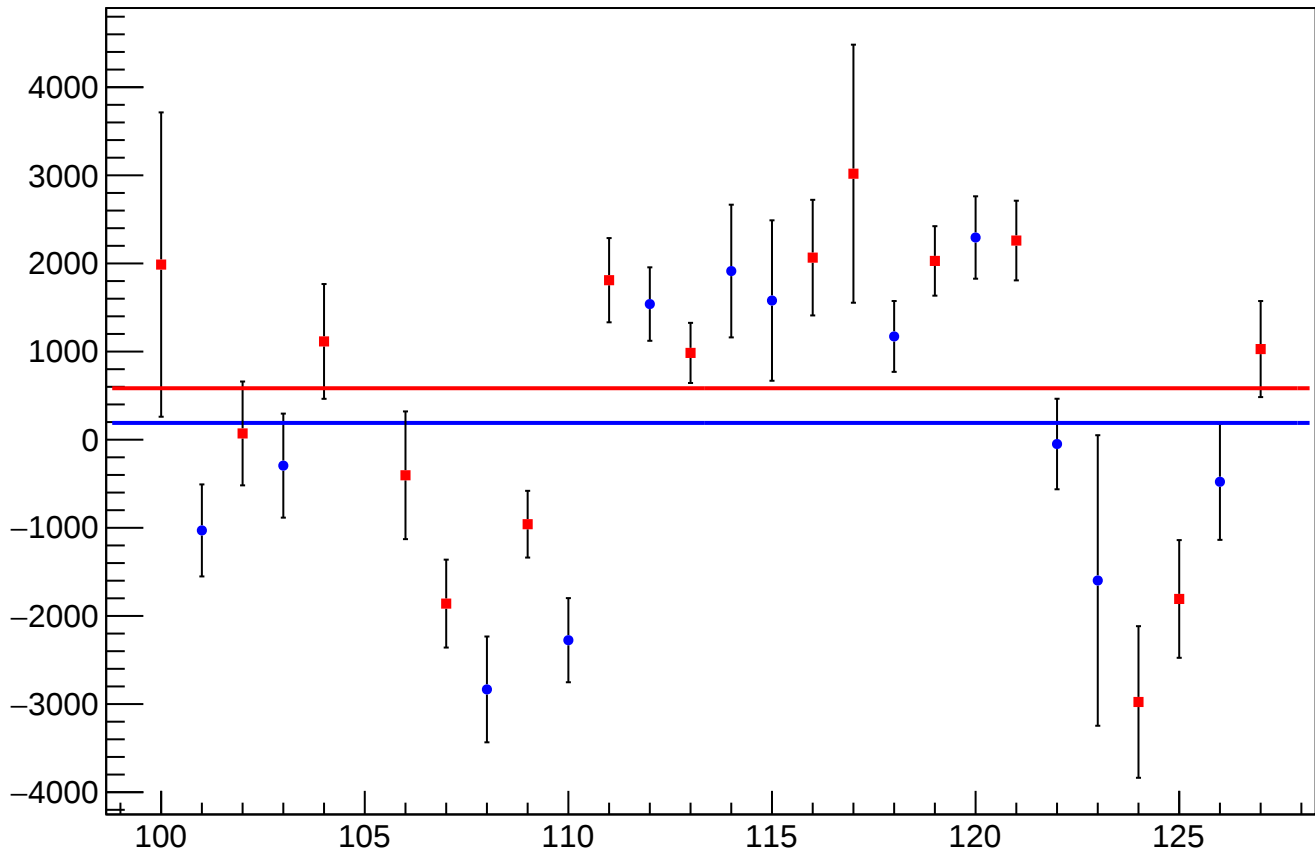
Right Out: 198.733+/-0.065 χ^2/NDF : 880343.0/14

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

208.279+/-0.075 χ^2/NDF : 646284.4/11

198.733+/-0.065 χ^2/NDF : 880343.0/14

asym_bpm0l02WS_mean vs Slug



Right In: 190.371+/-158.813 χ^2/NDF : 104.8/11

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

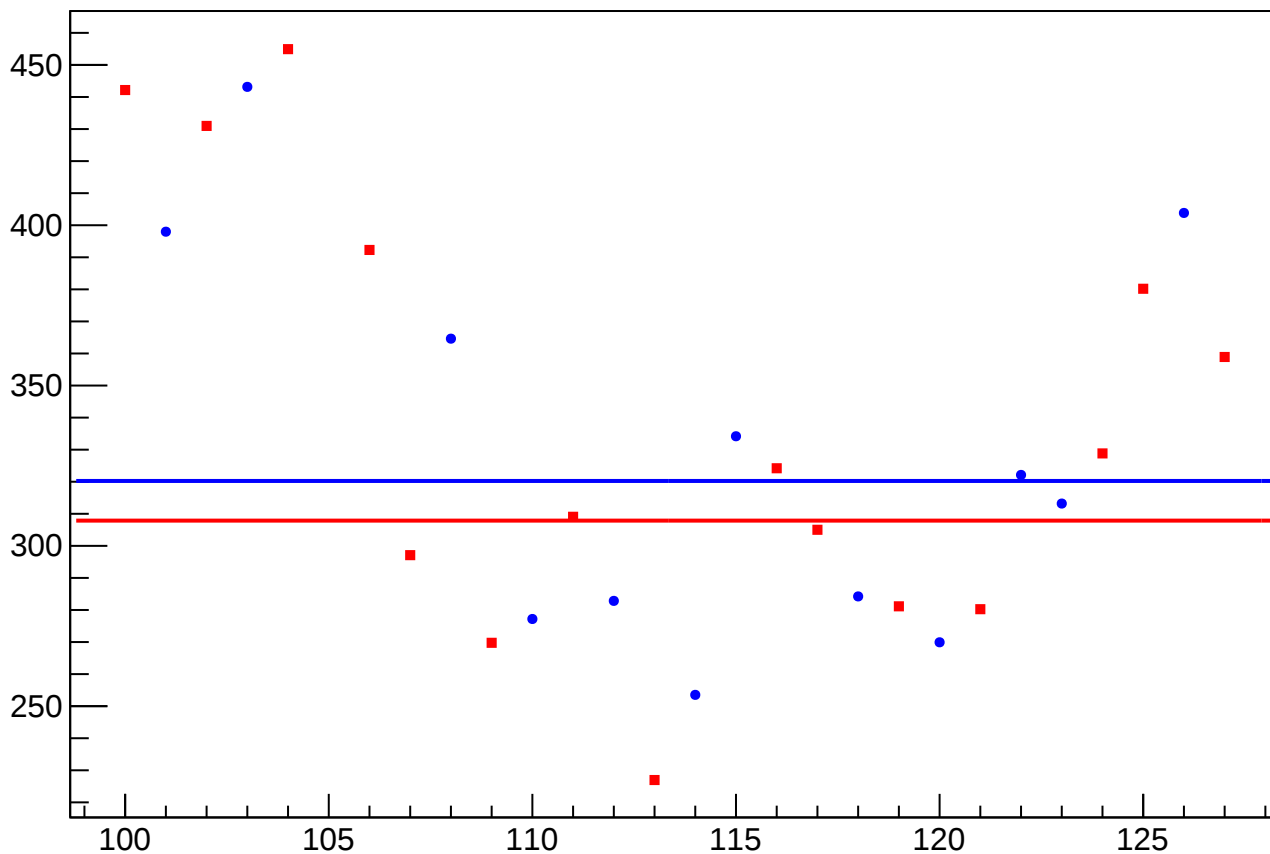
Right Out: 583.903+/-137.992 χ^2/NDF : 118.2/14

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

190.371+/-158.813 χ^2/NDF : 104.8/11

583.903+/-137.992 χ^2/NDF : 118.2/14

asym_bpm0l02WS_rms vs Slug



Right In: 320.243+/-0.112 χ^2/NDF : 261975.5/11

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

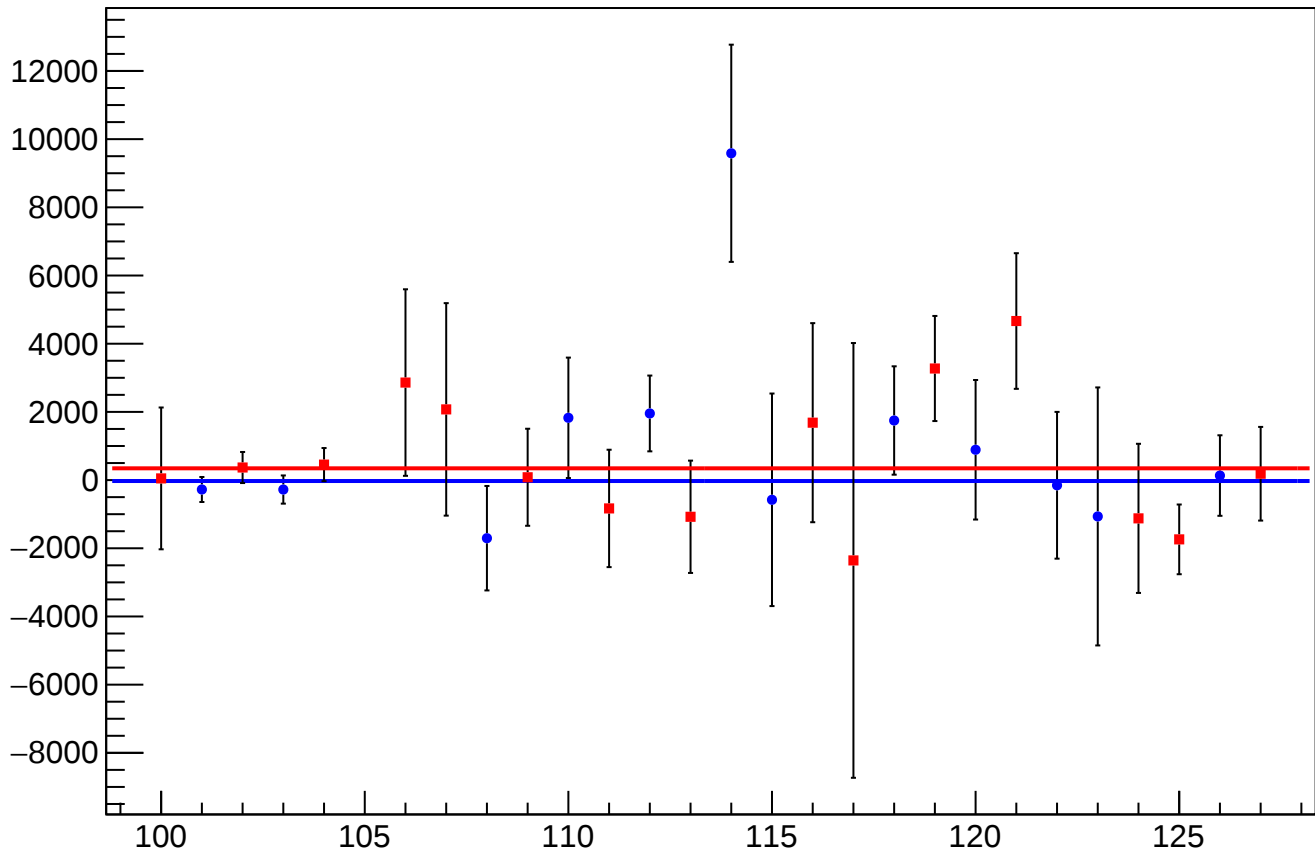
Right Out: 307.874+/-0.098 χ^2/NDF : 422244.5/14

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

320.243+/-0.112 χ^2/NDF : 261975.5/11

307.874+/-0.098 χ^2/NDF : 422244.5/14

asym_bpm0l03WS_mean vs Slug



Right In: -27.164 $\pm$ 244.847 χ^2 /NDF: 17.0/11

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

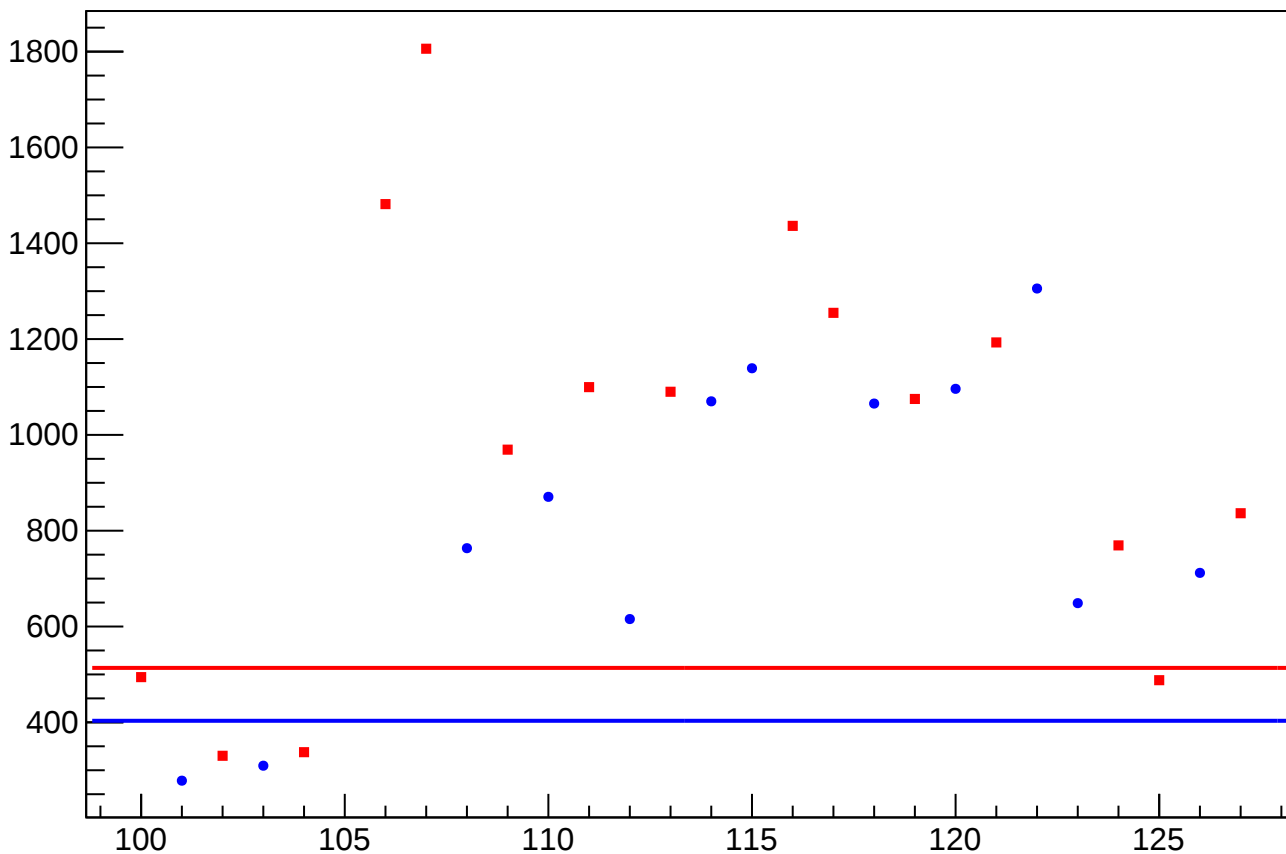
Right Out: 345.229 $\pm$ 274.988 χ^2 /NDF: 15.8/14

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

-27.164 $\pm$ 244.847 χ^2 /NDF: 17.0/11

345.229 $\pm$ 274.988 χ^2 /NDF: 15.8/14

asym_bpm0l03WS_rms vs Slug



Right In: 403.238+/-0.173 χ^2/NDF : 1931153.5/11

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

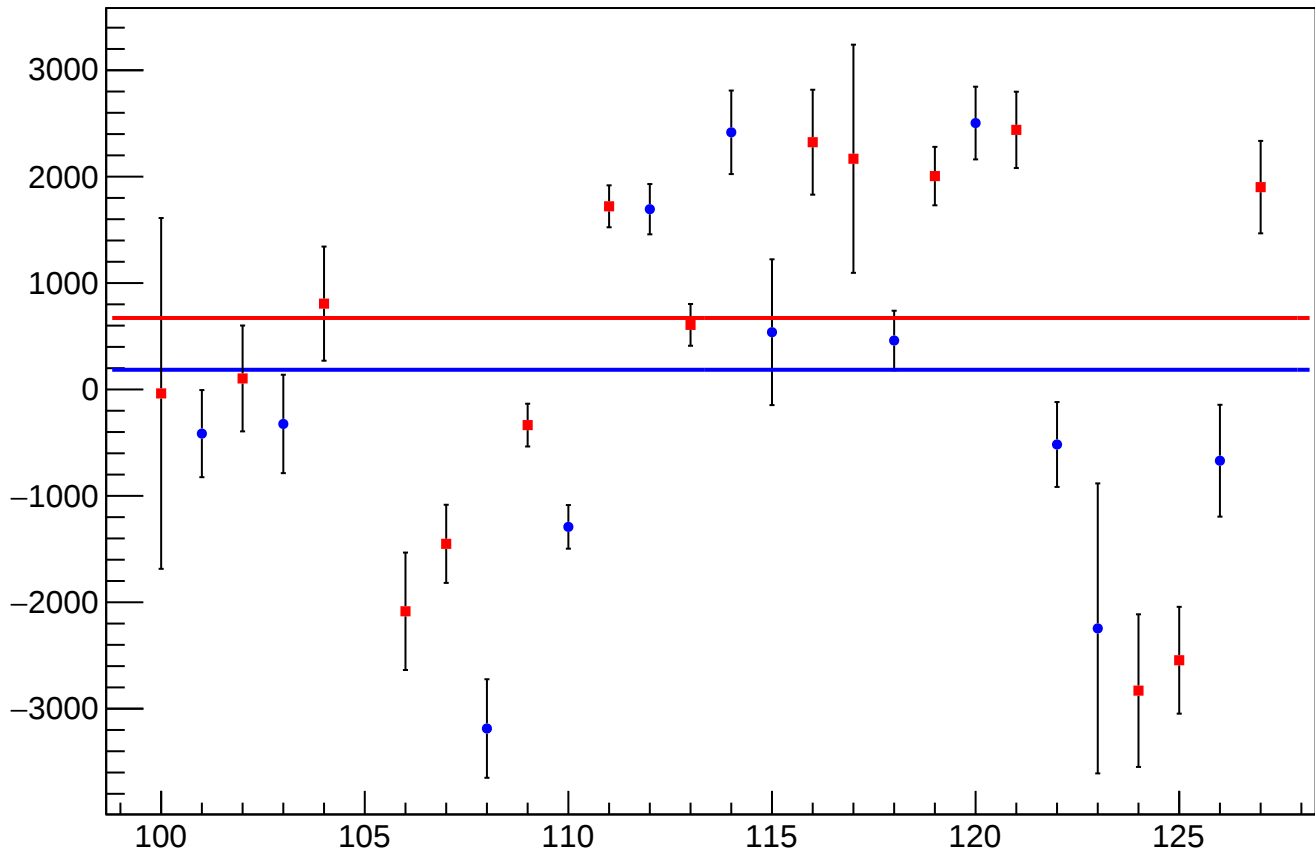
Right Out: 513.638+/-0.194 χ^2/NDF : 2726600.6/14

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

403.238+/-0.173 χ^2/NDF : 1931153.5/11

513.638+/-0.194 χ^2/NDF : 2726600.6/14

asym_bpm0l04WS_mean vs Slug



Right In: 185.082+/-101.323 χ^2/NDF : 237.6/11

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

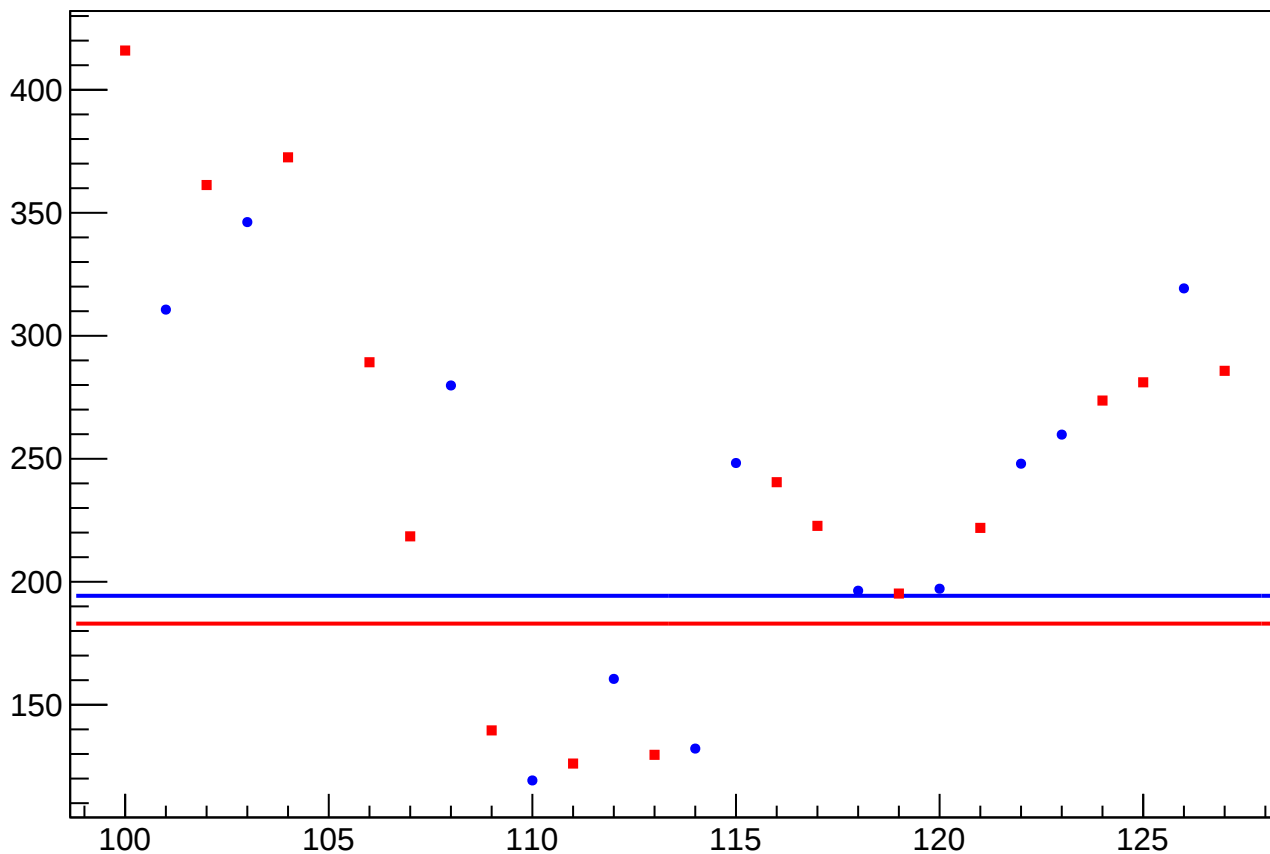
Right Out: 671.840+/-86.957 χ^2/NDF : 247.4/14

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

185.082+/-101.323 χ^2/NDF : 237.6/11

671.840+/-86.957 χ^2/NDF : 247.4/14

asym_bpm0l04WS_rms vs Slug



Right In: 194.303+/-0.072 χ^2/NDF : 971416.9/11

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

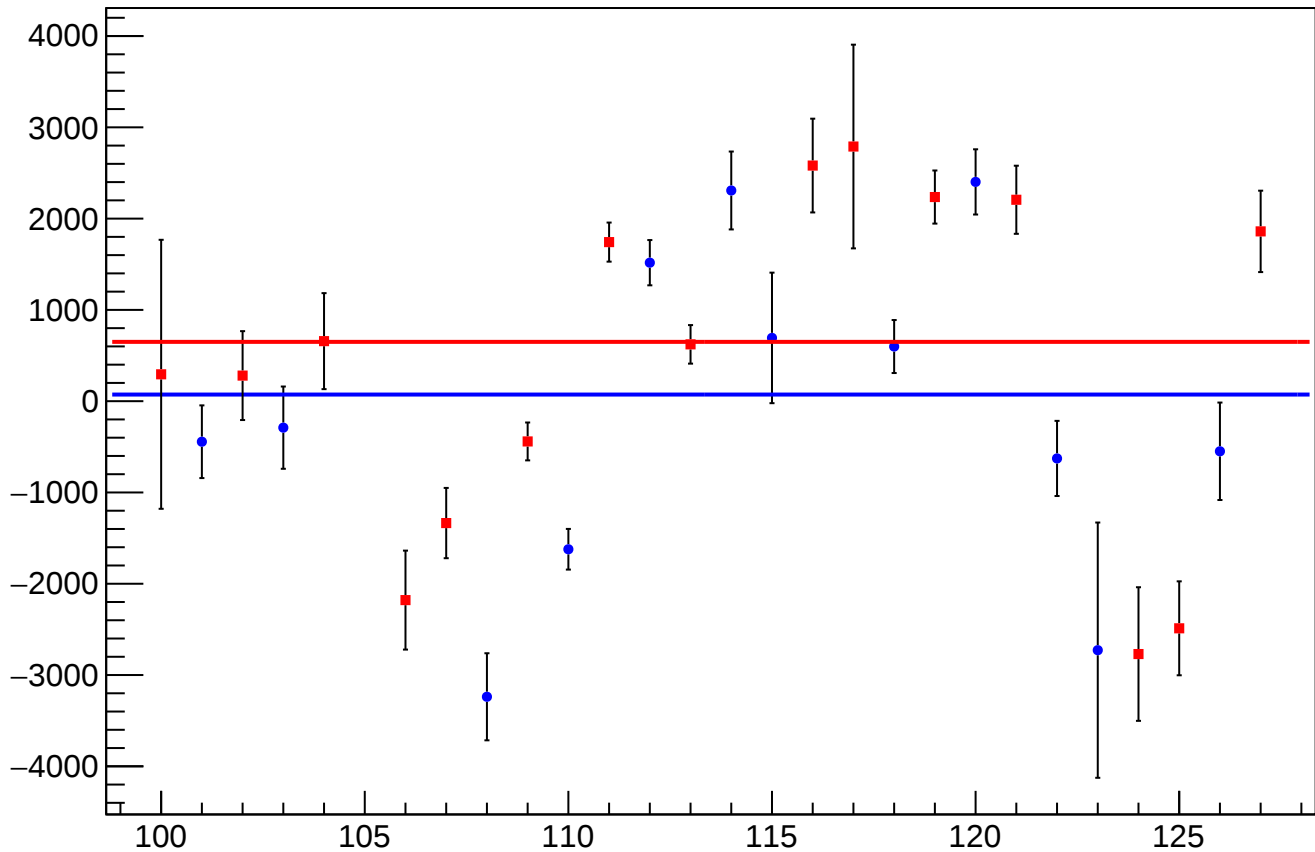
Right Out: 182.996+/-0.061 χ^2/NDF : 1324859.1/14

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

194.303+/-0.072 χ^2/NDF : 971416.9/11

182.996+/-0.061 χ^2/NDF : 1324859.1/14

asym_bpm0l05WS_mean vs Slug



Right In: 72.626+/-105.933 χ^2/NDF : 224.6/11

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

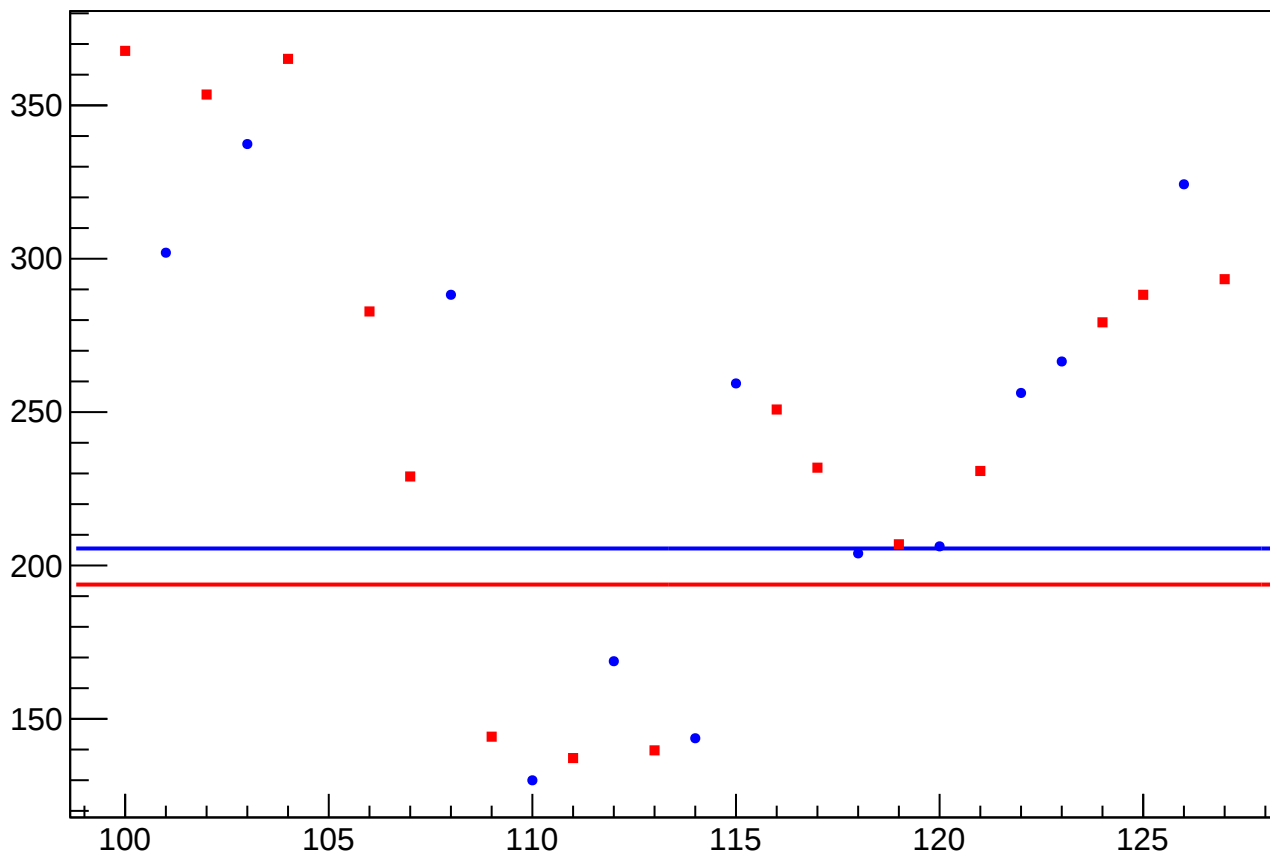
Right Out: 649.799+/-91.203 χ^2/NDF : 239.6/14

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

72.626+/-105.933 χ^2/NDF : 224.6/11

649.799+/-91.203 χ^2/NDF : 239.6/14

asym_bpm0l05WS_rms vs Slug



Right In: 205.542+/-0.075 χ^2/NDF : 809239.3/11

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

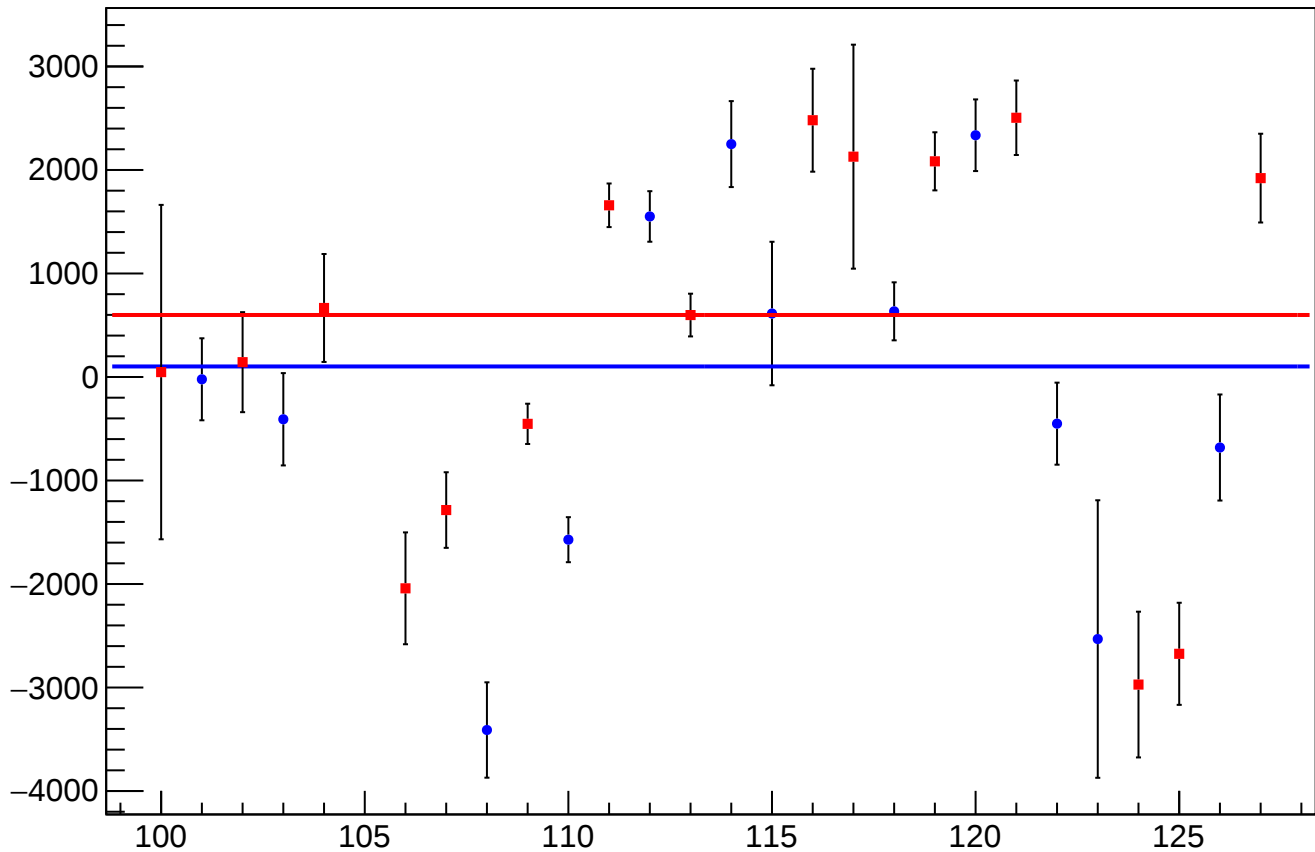
Right Out: 193.784+/-0.064 χ^2/NDF : 1156563.9/14

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

205.542+/-0.075 χ^2/NDF : 809239.3/11

193.784+/-0.064 χ^2/NDF : 1156563.9/14

asym_bpm0l06WS_mean vs Slug



Right In: 101.778 $\pm$ 103.300 χ^2 /NDF: 234.7/11

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

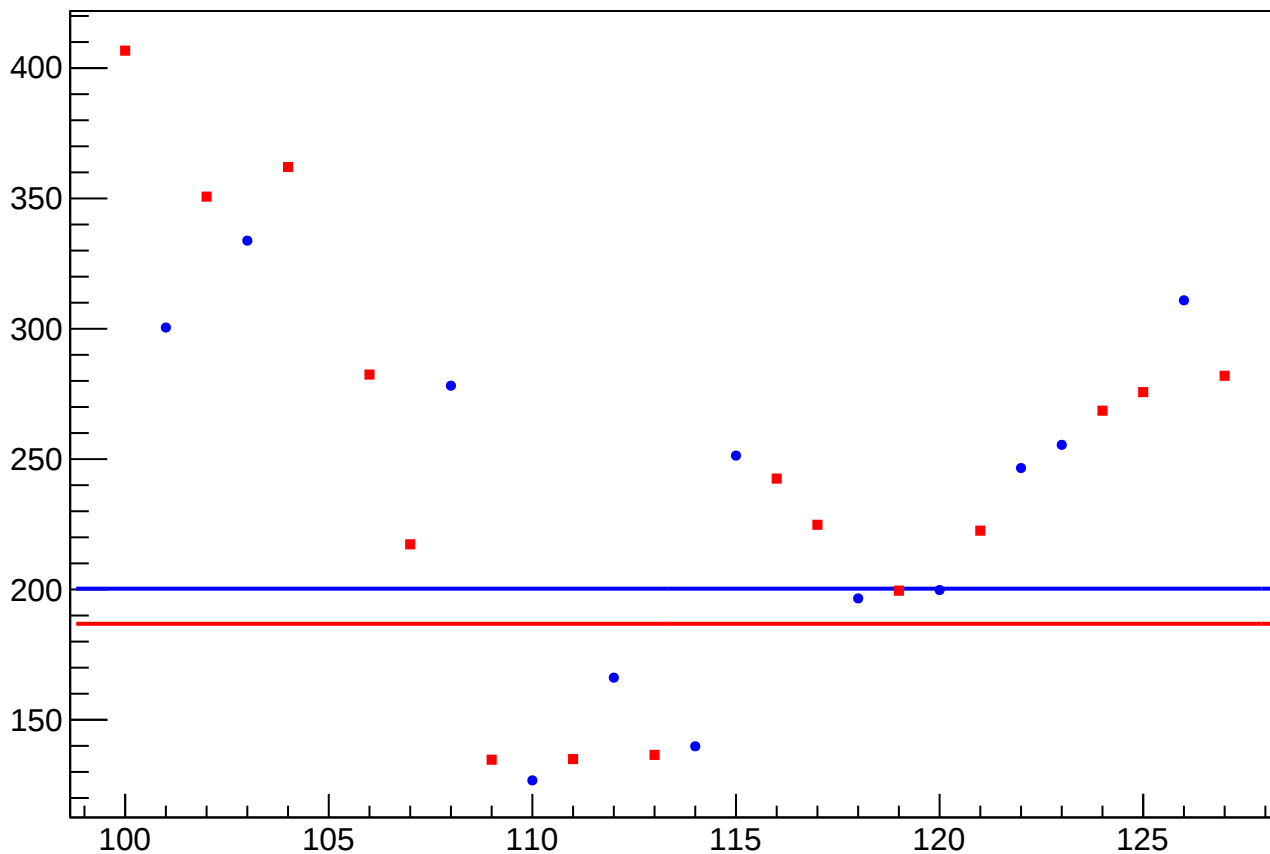
Right Out: 599.051 $\pm$ 88.178 χ^2 /NDF: 257.7/14

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

101.778 $\pm$ 103.300 χ^2 /NDF: 234.7/11

599.051 $\pm$ 88.178 χ^2 /NDF: 257.7/14

asym_bpm0l06WS_rms vs Slug



Right In: 200.303+/-0.073 χ^2/NDF : 809626.6/11

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

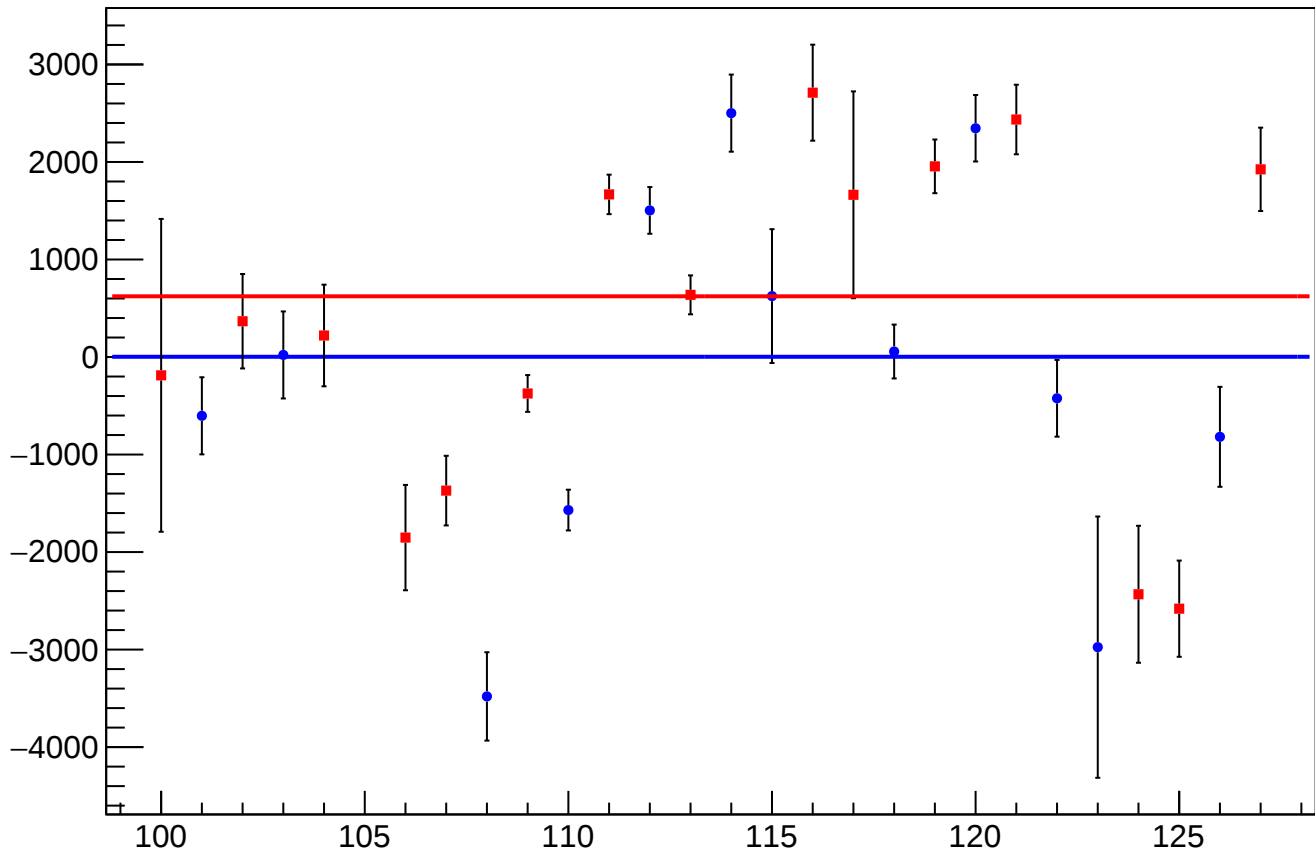
Right Out: 186.834+/-0.062 χ^2/NDF : 1195265.8/14

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

200.303+/-0.073 χ^2/NDF : 809626.6/11

186.834+/-0.062 χ^2/NDF : 1195265.8/14

asym_bpm0l07WS_mean vs Slug



Right In: 2.564 $\pm$ 101.160 χ^2 /NDF: 254.1/11

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

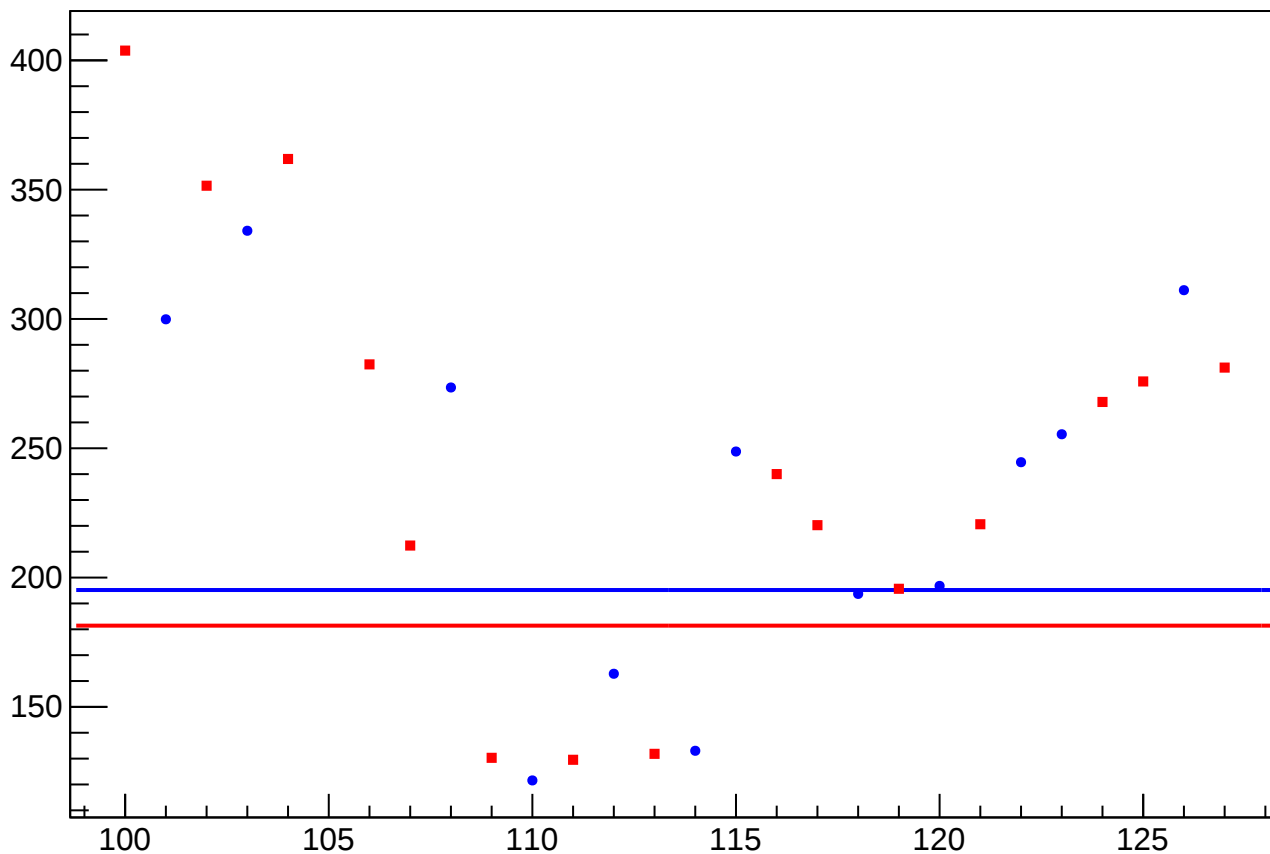
Right Out: 622.656 $\pm$ 86.086 χ^2 /NDF: 246.4/14

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

2.564 $\pm$ 101.160 χ^2 /NDF: 254.1/11

622.656 $\pm$ 86.086 χ^2 /NDF: 246.4/14

asym_bpm0l07WS_rms vs Slug



Right In: 195.191+/-0.072 χ^2/NDF : 878655.3/11

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

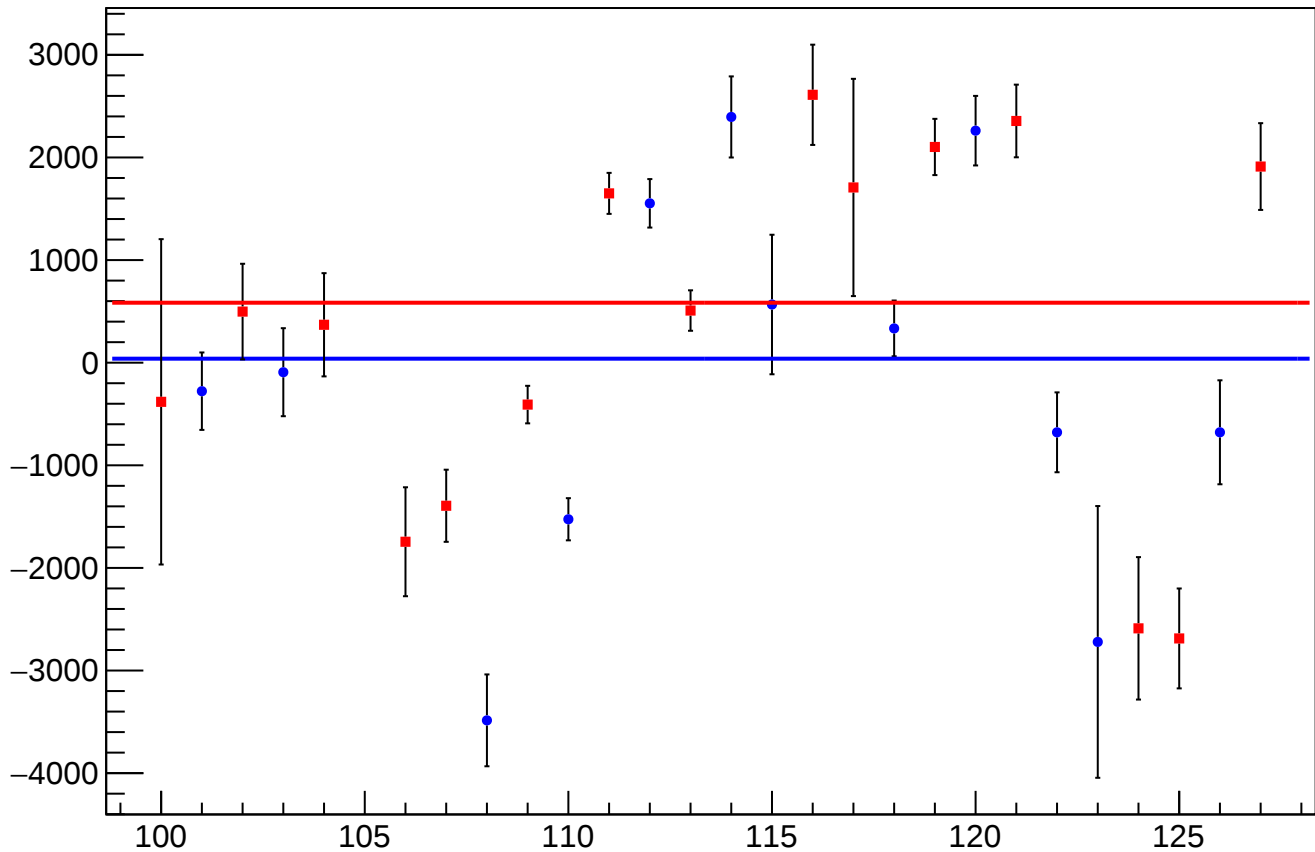
Right Out: 181.415+/-0.061 χ^2/NDF : 1284932.9/14

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

195.191+/-0.072 χ^2/NDF : 878655.3/11

181.415+/-0.061 χ^2/NDF : 1284932.9/14

asym_bpm0l08WS_mean vs Slug



Right In: 39.099+/-99.531 χ^2/NDF : 252.0/11

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

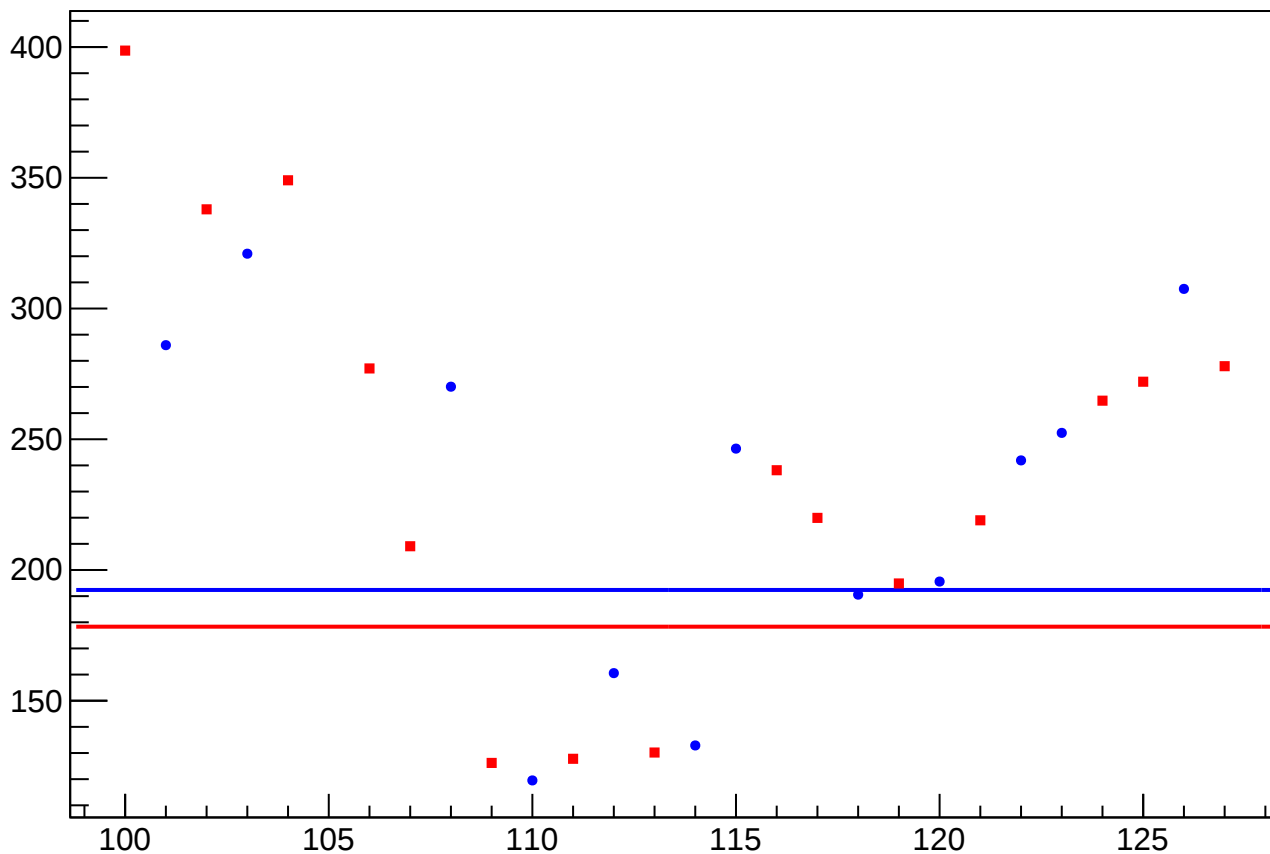
Right Out: 584.515+/-84.653 χ^2/NDF : 259.6/14

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

39.099+/-99.531 χ^2/NDF : 252.0/11

584.515+/-84.653 χ^2/NDF : 259.6/14

asym_bpm0l08WS_rms vs Slug



Right In: 192.363+/-0.070 χ^2/NDF : 849023.2/11

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

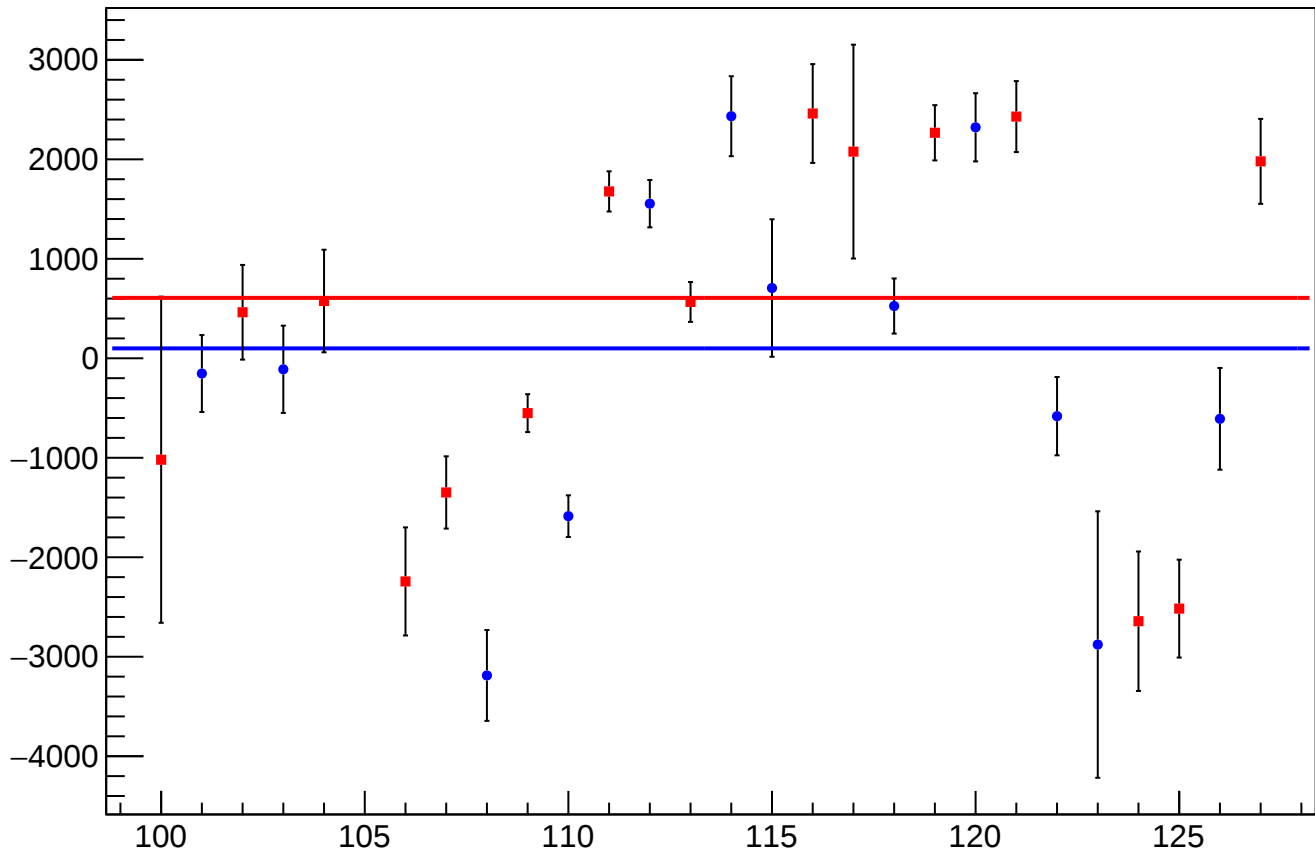
Right Out: 178.320+/-0.060 χ^2/NDF : 1280758.8/14

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

192.363+/-0.070 χ^2/NDF : 849023.2/11

178.320+/-0.060 χ^2/NDF : 1280758.8/14

asym_bpm0l09WS_mean vs Slug



Right In: 99.607 $\pm$ 101.093 χ^2 /NDF: 243.6/11

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

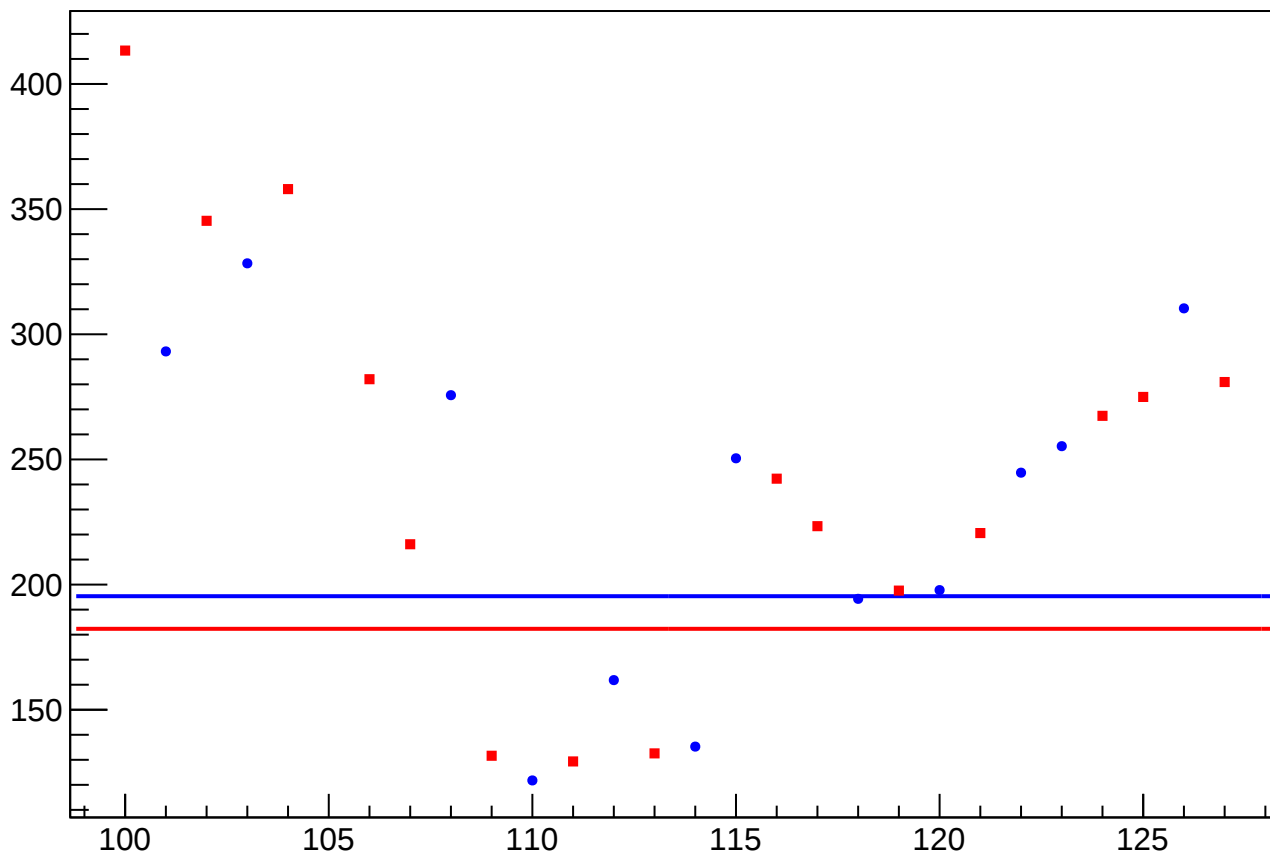
Right Out: 607.311 $\pm$ 86.441 χ^2 /NDF: 272.5/14

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

99.607 $\pm$ 101.093 χ^2 /NDF: 243.6/11

607.311 $\pm$ 86.441 χ^2 /NDF: 272.5/14

asym_bpm0l09WS_rms vs Slug



Right In: 195.364+/-0.071 χ^2/NDF : 855049.0/11

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

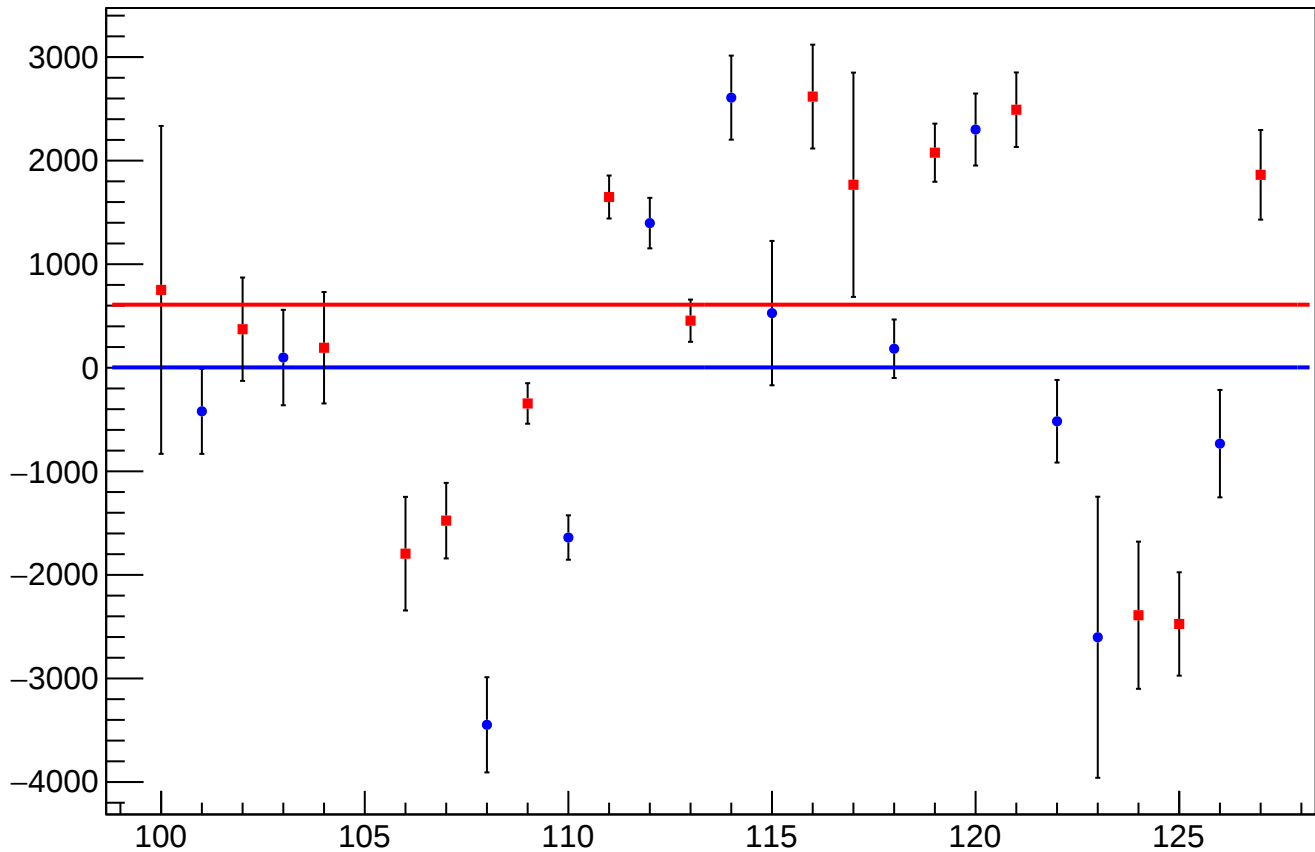
Right Out: 182.334+/-0.061 χ^2/NDF : 1261804.5/14

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

195.364+/-0.071 χ^2/NDF : 855049.0/11

182.334+/-0.061 χ^2/NDF : 1261804.5/14

asym_bpm0l10WS_mean vs Slug



Right In: 3.552+/-103.453 χ^2/NDF : 242.0/11

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

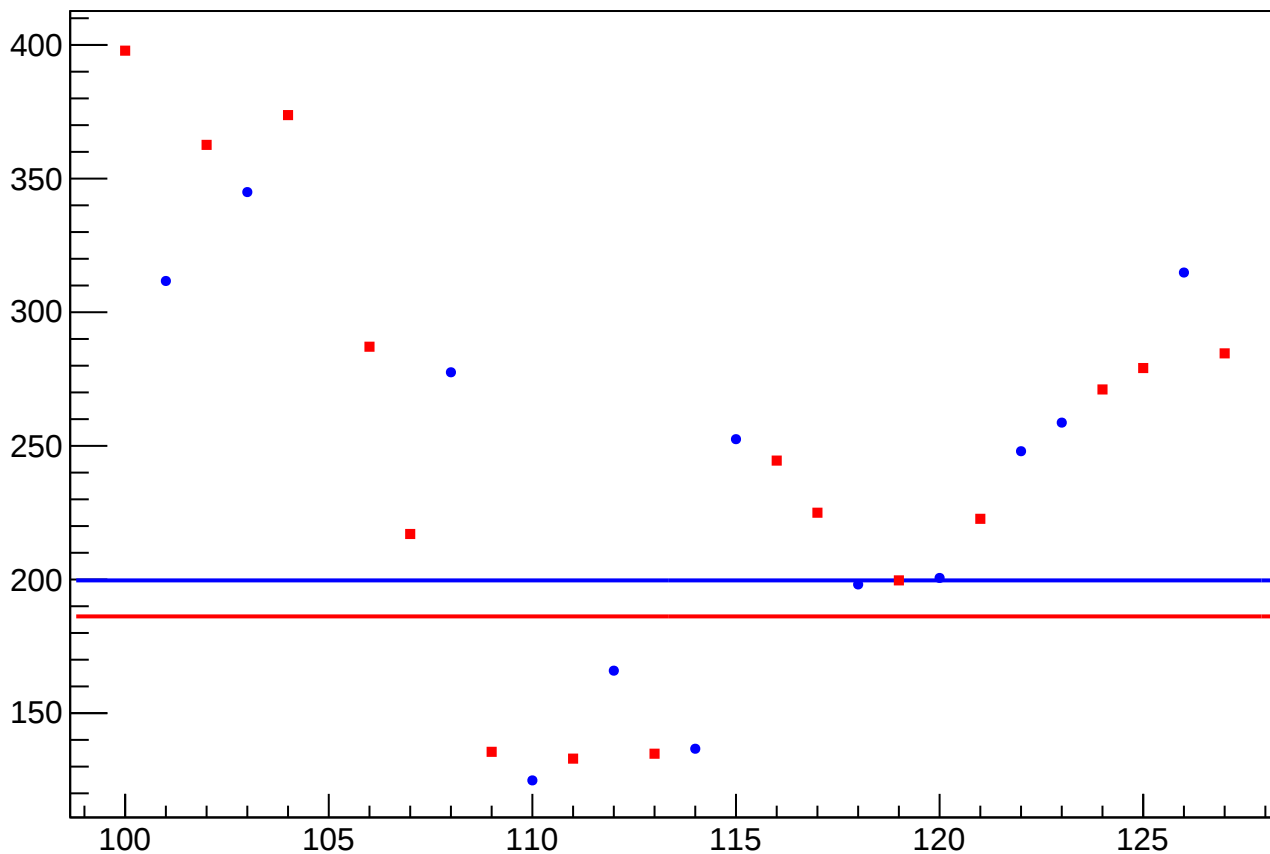
Right Out: 609.170+/-88.178 χ^2/NDF : 238.3/14

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

3.552+/-103.453 χ^2/NDF : 242.0/11

609.170+/-88.178 χ^2/NDF : 238.3/14

asym_bpm0l10WS_rms vs Slug



Right In: 199.670 $\pm$ 0.073 χ^2 /NDF: 878599.3/11

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

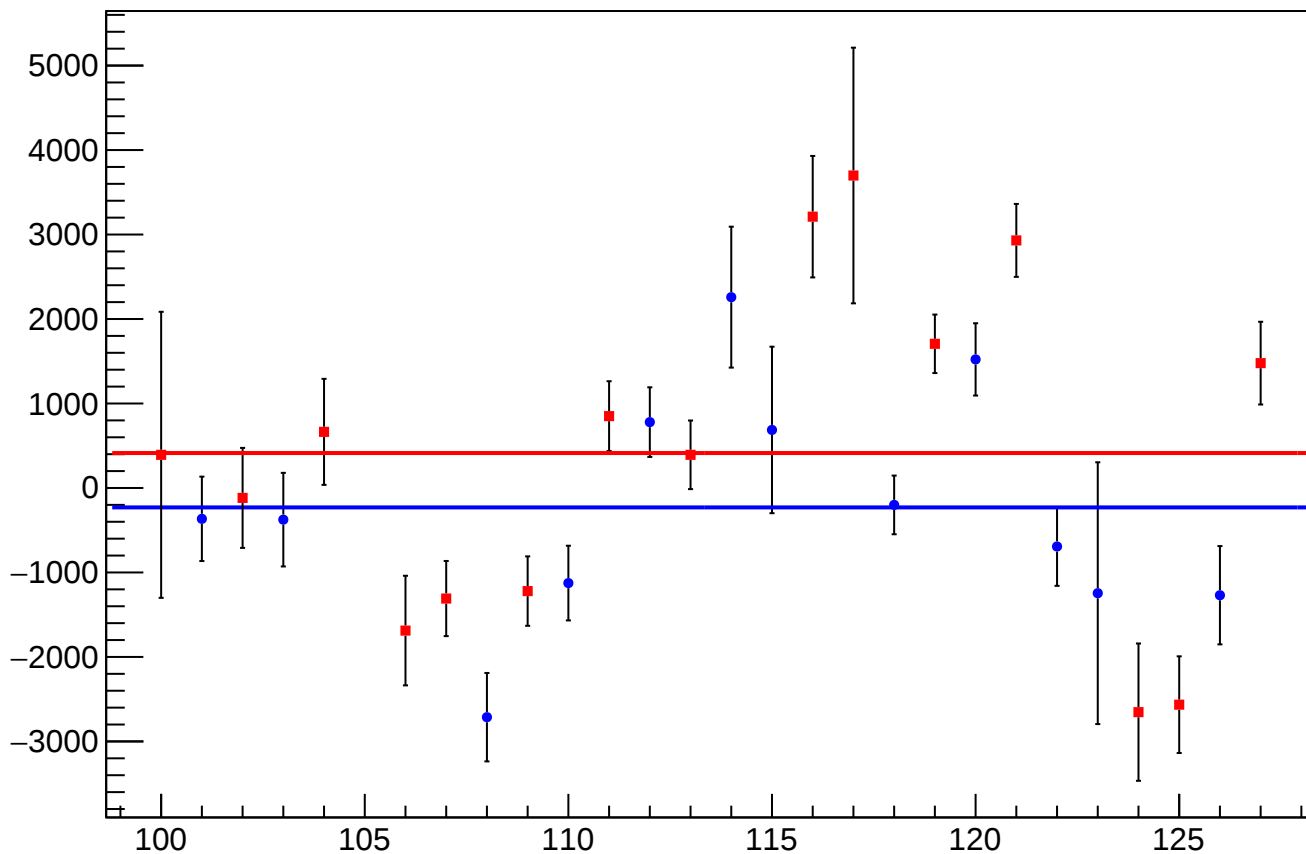
Right Out: 186.198 $\pm$ 0.062 χ^2 /NDF: 1259010.6/14

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

199.670 $\pm$ 0.073 χ^2 /NDF: 878599.3/11

186.198 $\pm$ 0.062 χ^2 /NDF: 1259010.6/14

asym_bpm0r03WS_mean vs Slug



Right In: -229.950+/-147.246 χ^2 /NDF: 63.9/11

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

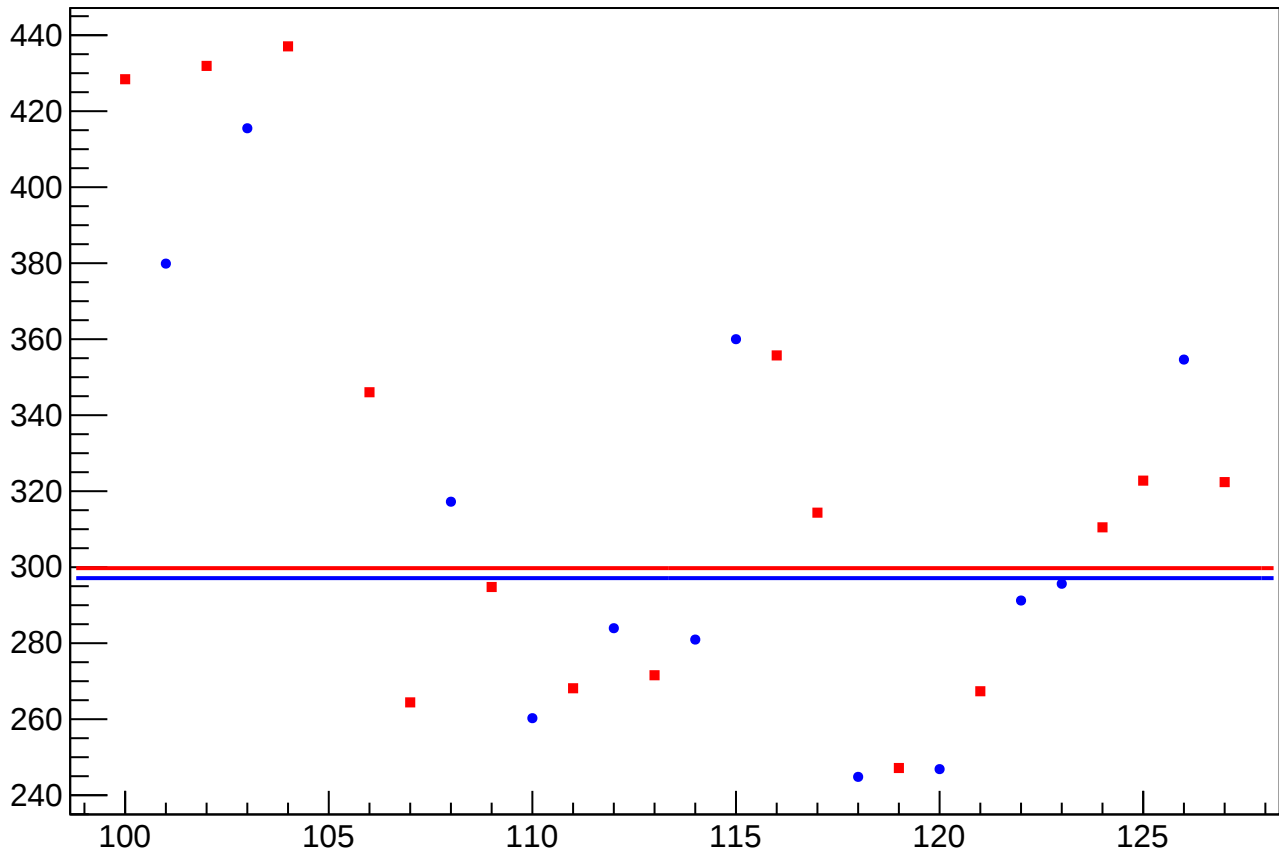
Right Out: 413.676+/-133.819 χ^2 /NDF: 157.2/14

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

-229.950+/-147.246 χ^2 /NDF: 63.9/11

413.676+/-133.819 χ^2 /NDF: 157.2/14

asym_bpm0r03WS_rms vs Slug



Right In: 297.123+/-0.104 χ^2/NDF : 266799.4/11

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

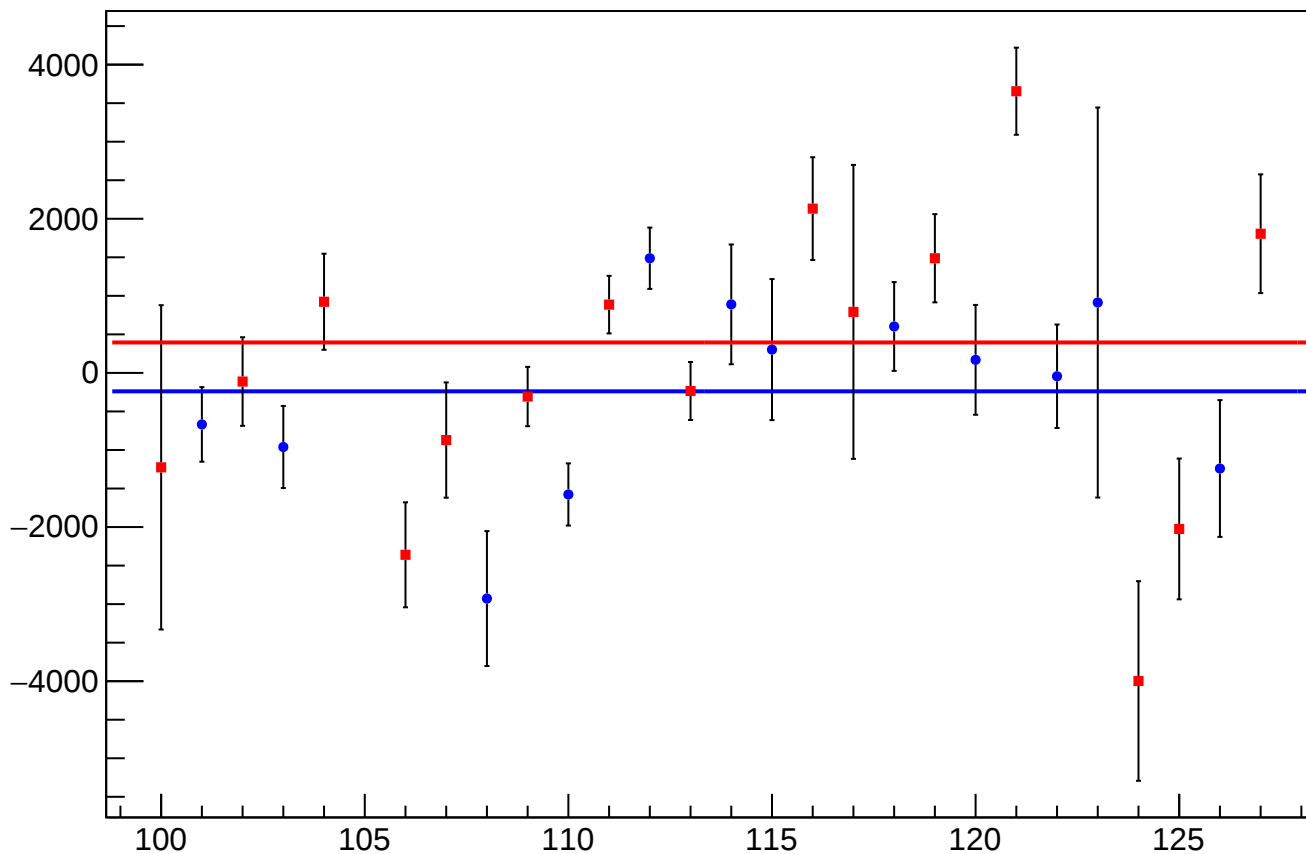
Right Out: 299.750+/-0.095 χ^2/NDF : 329068.0/14

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

297.123+/-0.104 χ^2/NDF : 266799.4/11

299.750+/-0.095 χ^2/NDF : 329068.0/14

asym_bpm0r05WS_mean vs Slug



Right In: -239.101+/-173.946 χ^2/NDF : 48.4/11

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

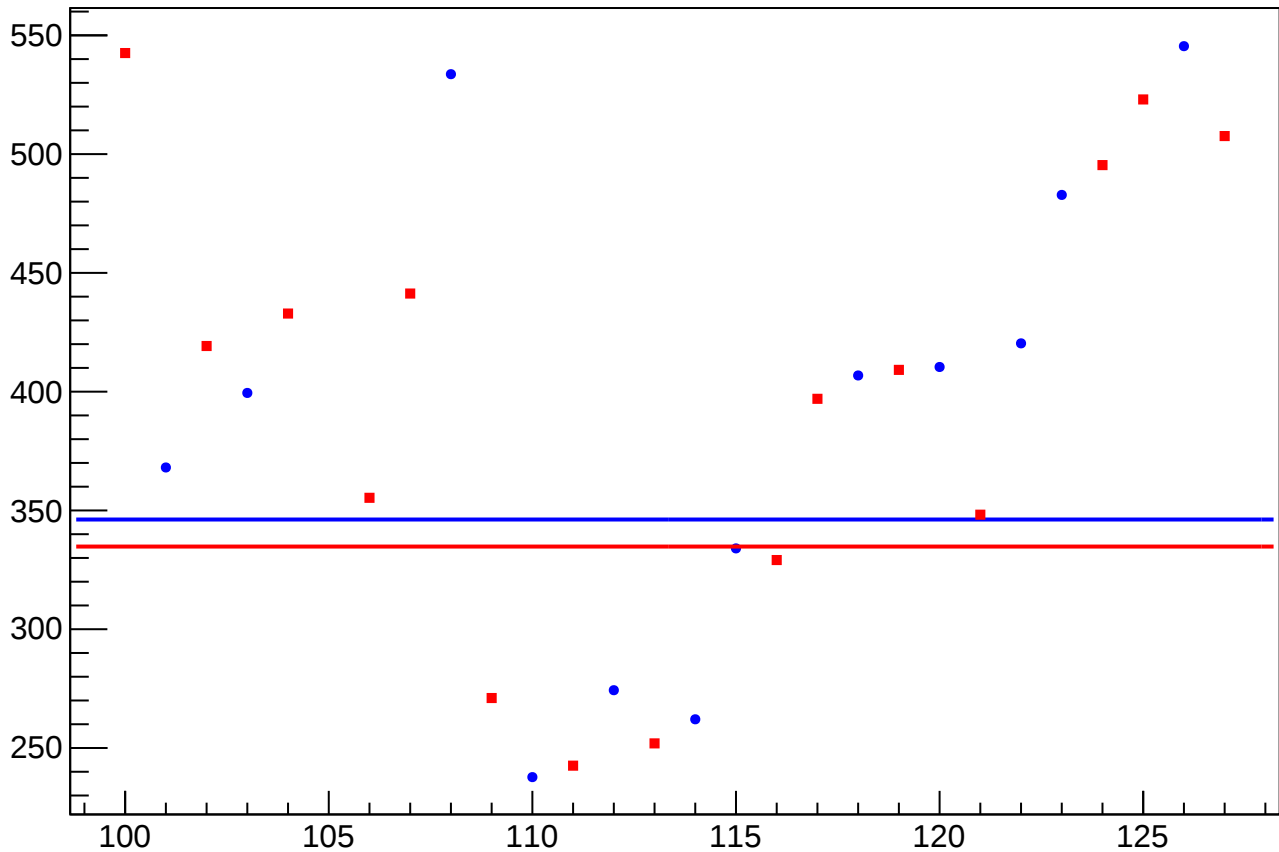
Right Out: 395.212+/-152.612 χ^2/NDF : 94.8/14

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

-239.101+/-173.946 χ^2/NDF : 48.4/11

395.212+/-152.612 χ^2/NDF : 94.8/14

asym_bpm0r05WS_rms vs Slug



Right In: 346.181 $\pm$ 0.123 χ^2 /NDF: 519046.4/11

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

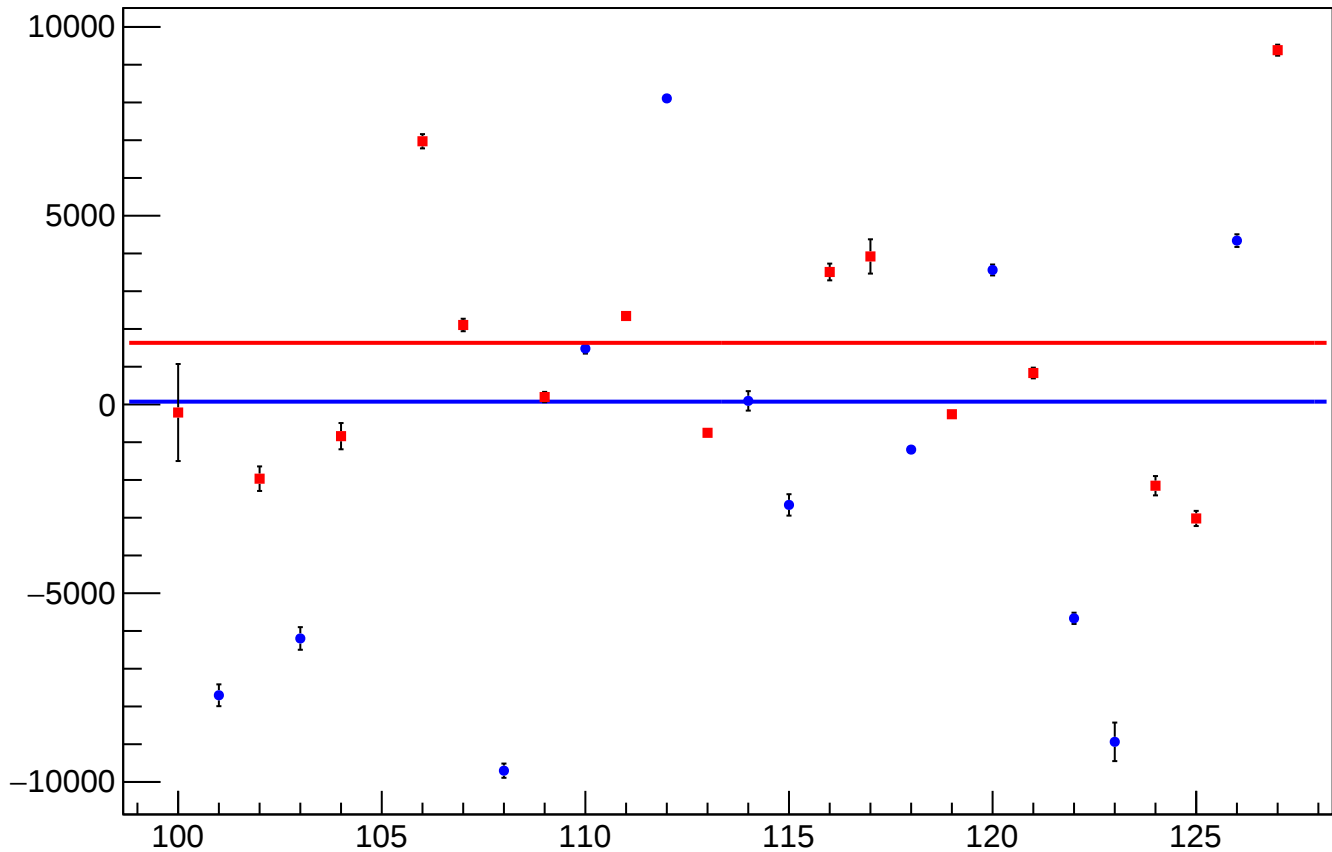
Right Out: 334.798 $\pm$ 0.108 χ^2 /NDF: 681845.5/14

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

346.181 $\pm$ 0.123 χ^2 /NDF: 519046.4/11

334.798 $\pm$ 0.108 χ^2 /NDF: 681845.5/14

asym_bpm1i04WS_mean vs Slug



Right In: 74.528+/-50.441 χ^2/NDF : 10864.3/11

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

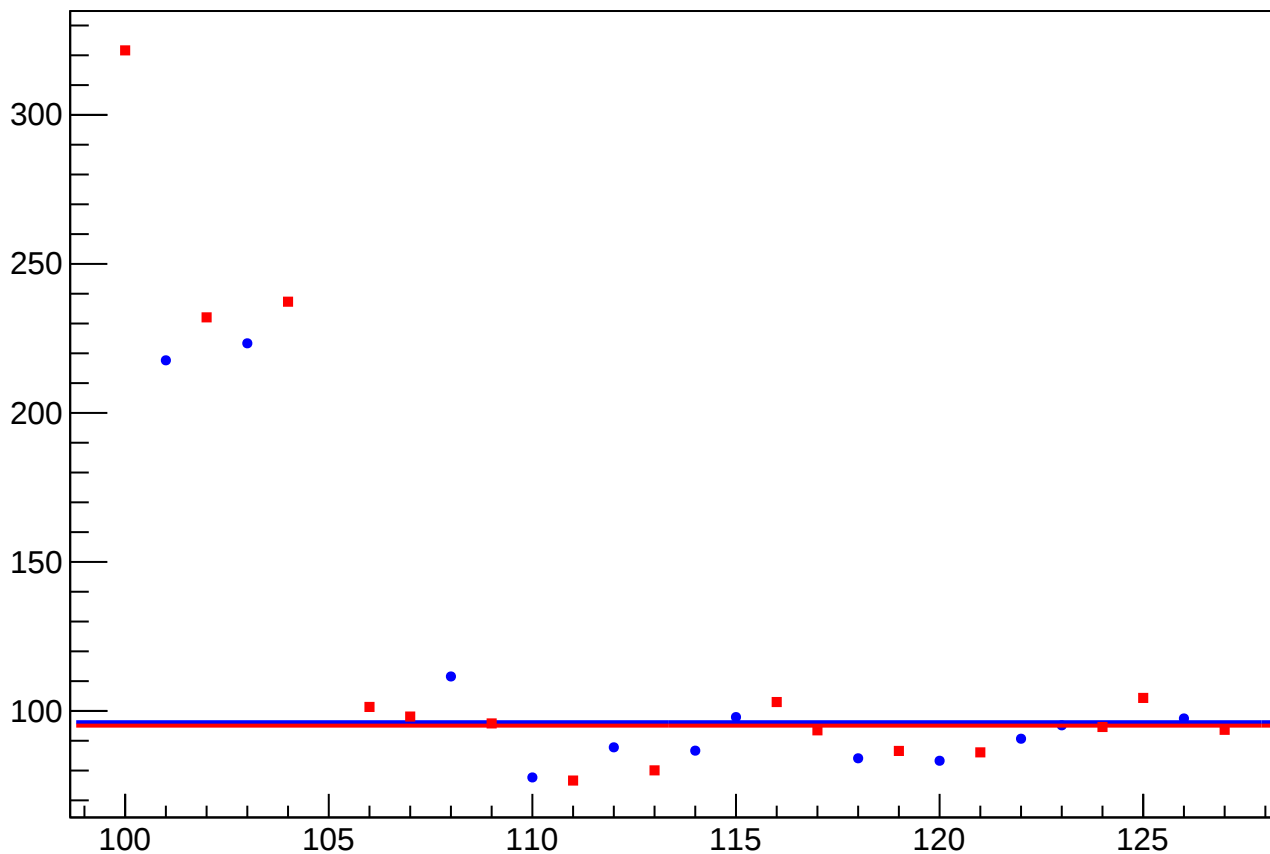
Right Out: 1632.457+/-44.772 χ^2/NDF : 5458.1/14

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

74.528+/-50.441 χ^2/NDF : 10864.3/11

1632.457+/-44.772 χ^2/NDF : 5458.1/14

asym_bpm1i04WS_rms vs Slug



Right In: 96.222+/-0.036 χ^2/NDF : 814115.1/11

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

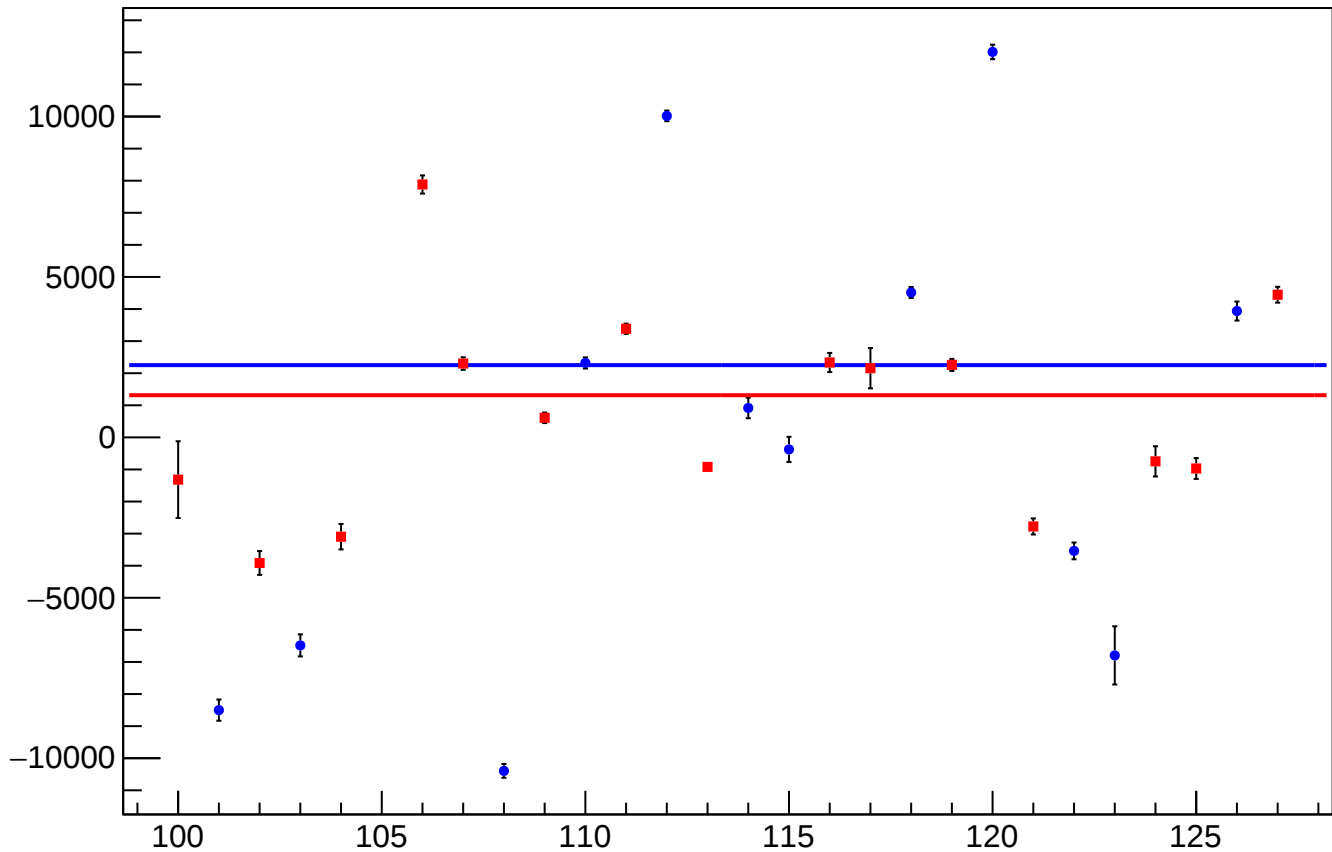
Right Out: 95.072+/-0.032 χ^2/NDF : 855027.3/14

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

96.222+/-0.036 χ^2/NDF : 814115.1/11

95.072+/-0.032 χ^2/NDF : 855027.3/14

asym_bpm1i06WS_mean vs Slug



Right In: 2252.210+/-69.691 χ^2/NDF : 10065.4/11

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

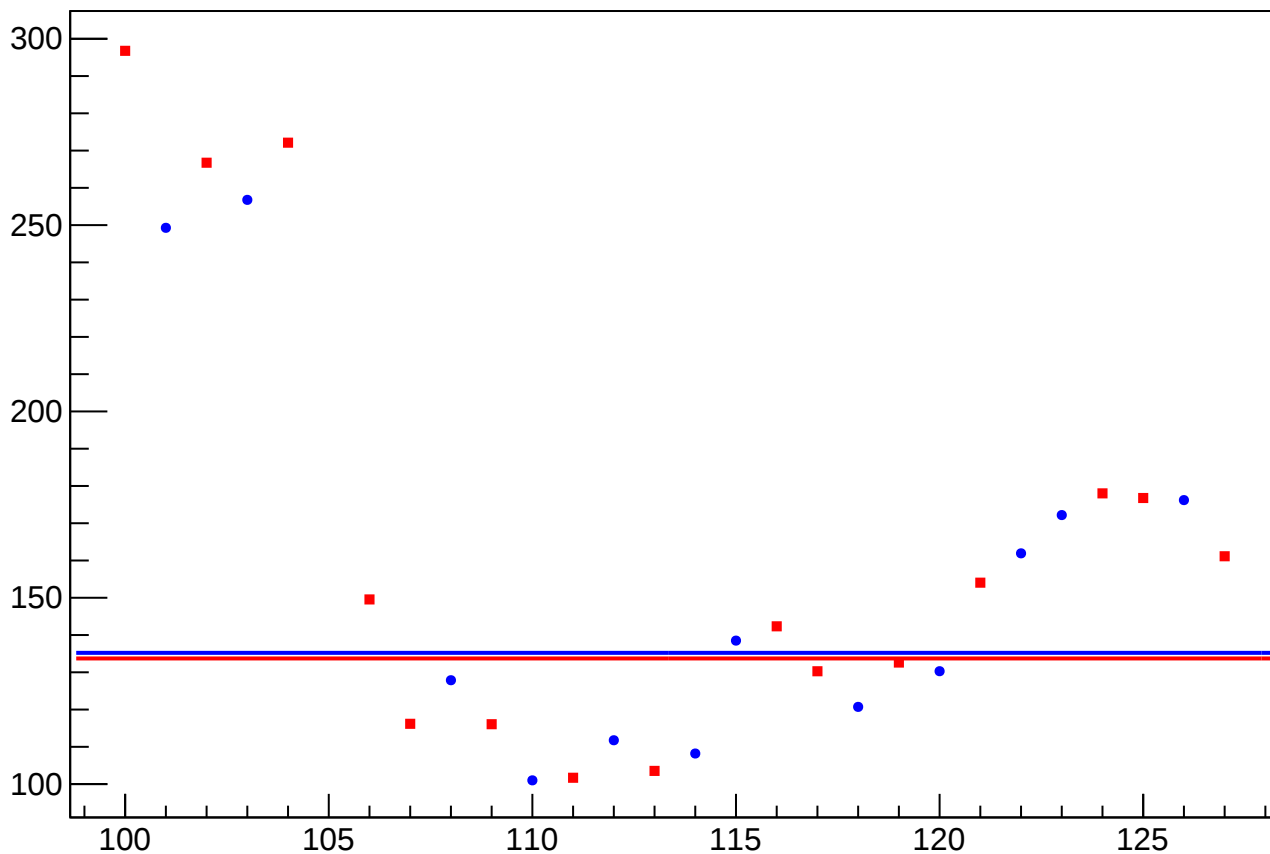
Right Out: 1314.341+/-62.221 χ^2/NDF : 1810.9/14

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

2252.210+/-69.691 χ^2/NDF : 10065.4/11

1314.341+/-62.221 χ^2/NDF : 1810.9/14

asym_bpm1i06WS_rms vs Slug



Right In: 135.219+/-0.049 χ^2/NDF : 699710.7/11

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

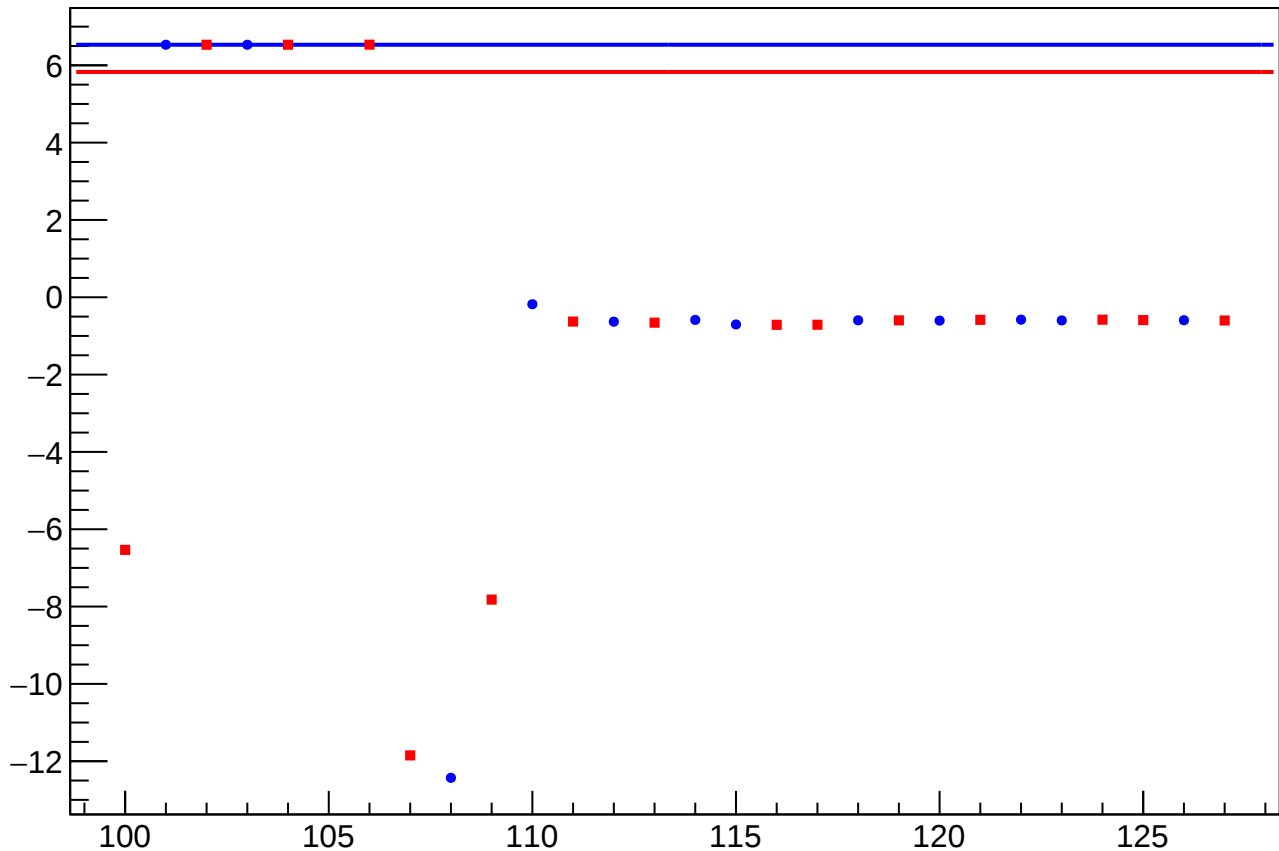
Right Out: 133.713+/-0.044 χ^2/NDF : 827424.3/14

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

135.219+/-0.049 χ^2/NDF : 699710.7/11

133.713+/-0.044 χ^2/NDF : 827424.3/14

yield_cav4bX_mean vs Slug



Right In: 6.532+/-0.000 χ^2/NDF : 63669051012.1/11

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

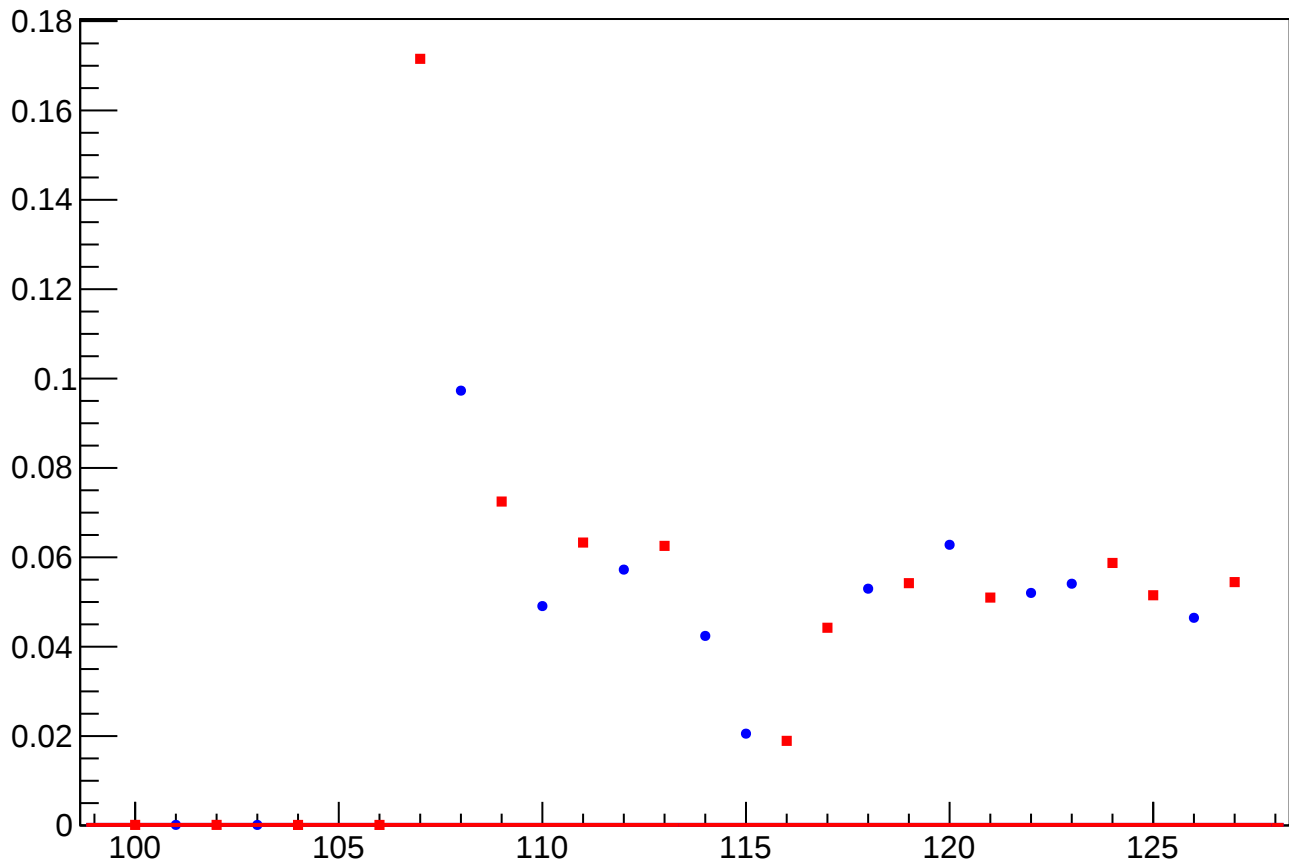
6.532+/-0.000 χ^2/NDF : 63669051012.1/11

Right Out: 5.828+/-0.000 χ^2/NDF : 755909144452987.6/14

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

5.828+/-0.000 χ^2/NDF : 755909144452987.6/14

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5266387.0/11

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

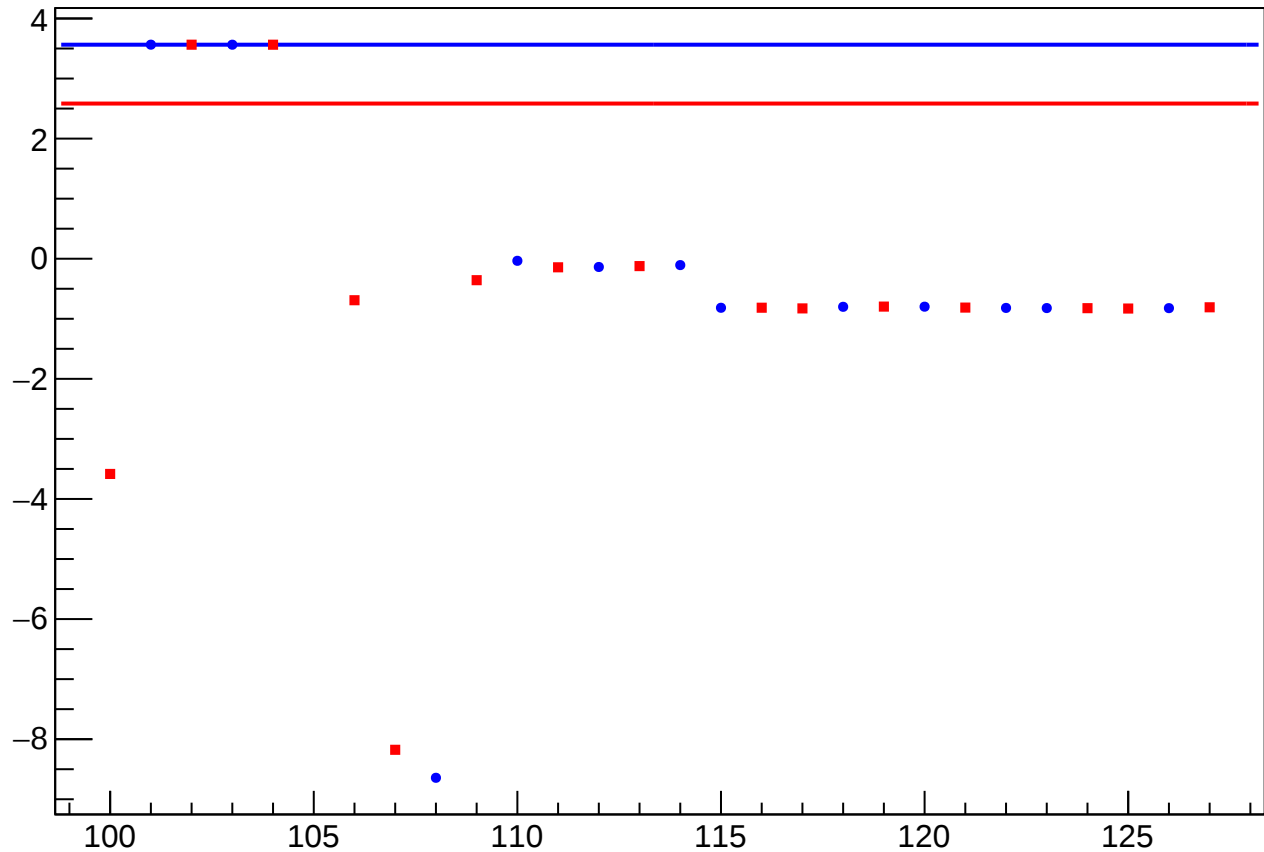
Right Out: 0.000+/-0.000 χ^2/NDF : 6480598.3/14

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 : 6480598.3/14

yield_cav4bY_mean vs Slug



Right In: 3.564+/-0.000 χ^2/NDF : 116684203906.3/11

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

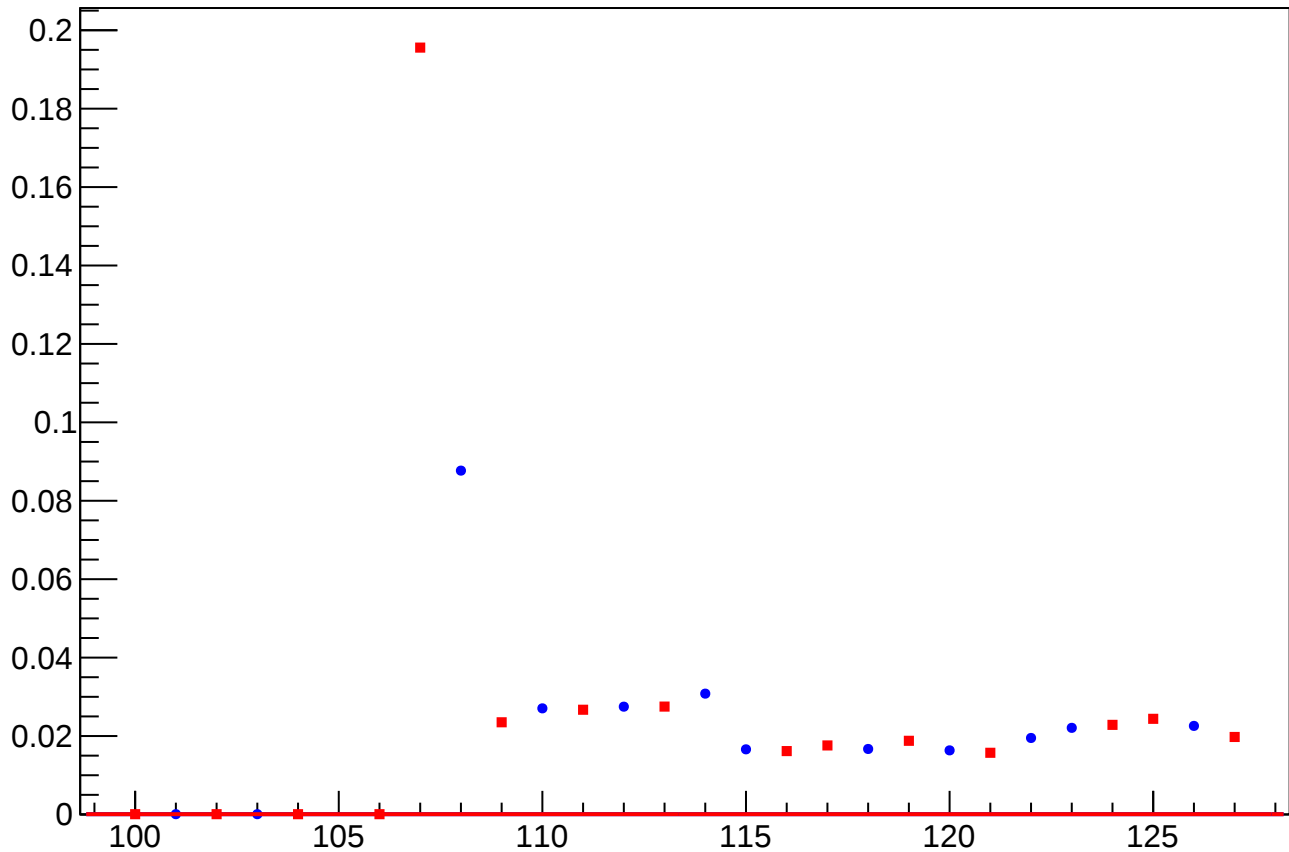
Right Out: 2.584+/-0.000 χ^2/NDF : 1253317101551996.2/14

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

3.564+/-0.000 χ^2/NDF : 116684203906.3/11

2.584+/-0.000 χ^2/NDF : 1253317101551996.2/14

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5592497.3/11

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

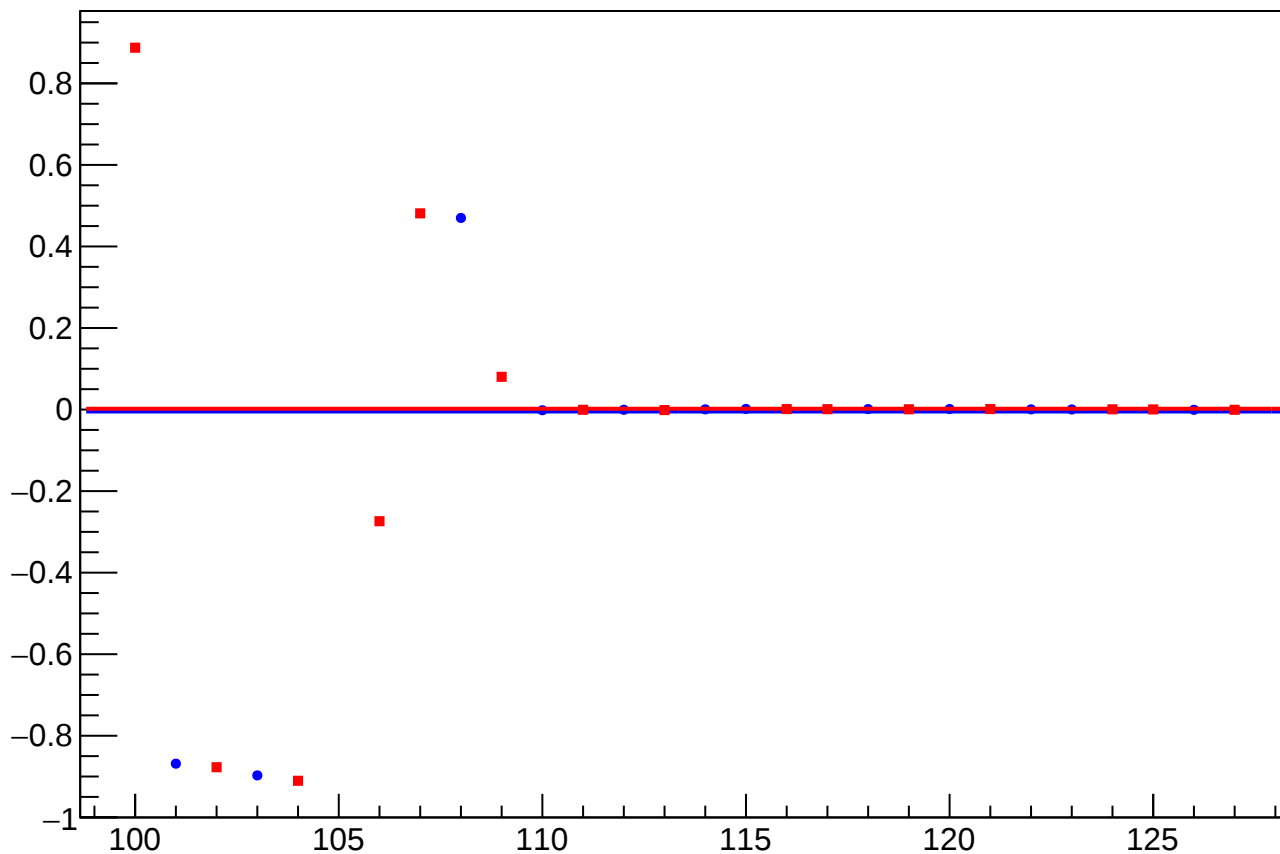
Right Out: 0.000+/-0.000 χ^2/NDF : 6582664.5/14

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 : 6582664.5/14

yield_cav4cX_mean vs Slug



Right In: -0.005+/-0.000 χ^2 /NDF: 9783383054.8/11

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

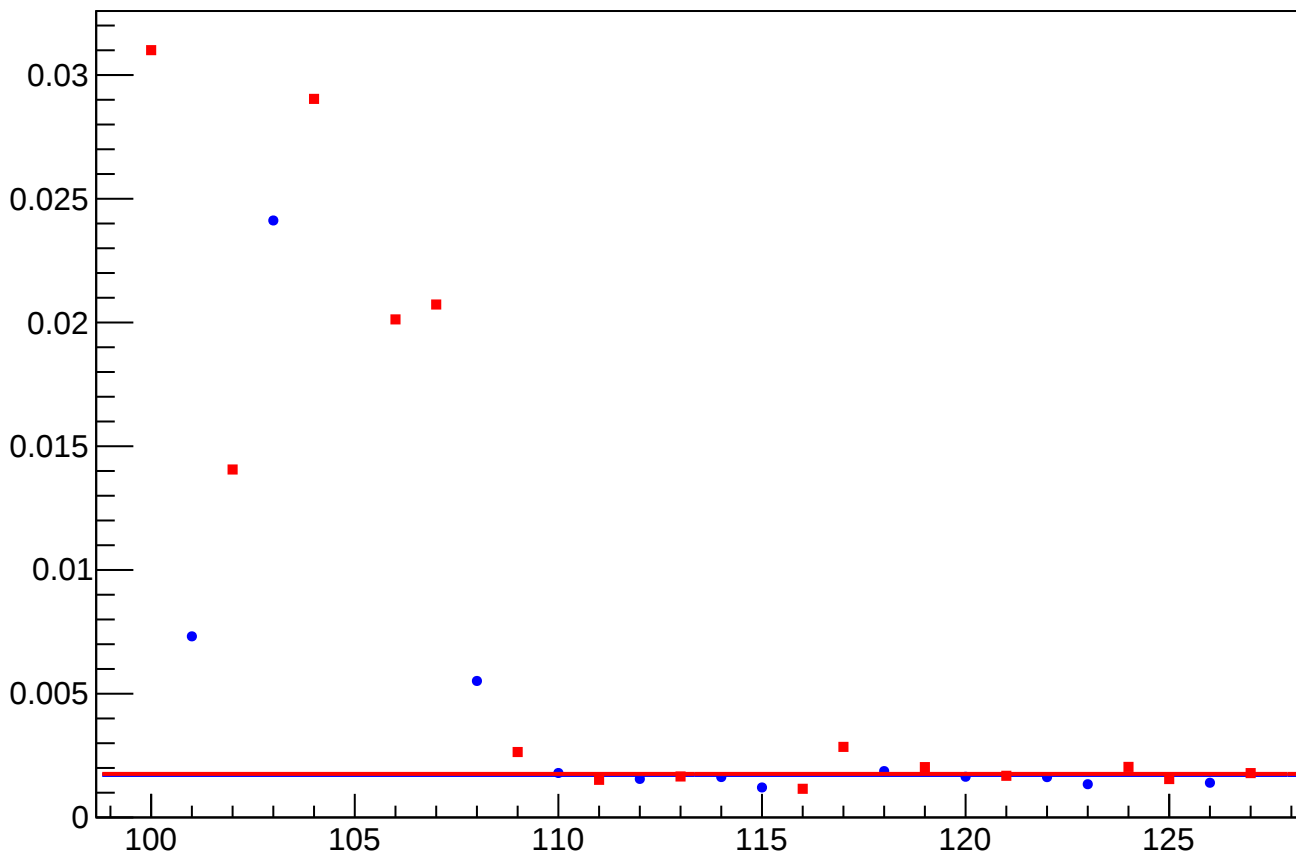
Right Out: 0.002+/-0.000 χ^2 /NDF: 3039682840.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.005+/-0.000 χ^2 /NDF: 9783383054.8/11

0.002+/-0.000 χ^2 /NDF: 3039682840.3/14

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1751014.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

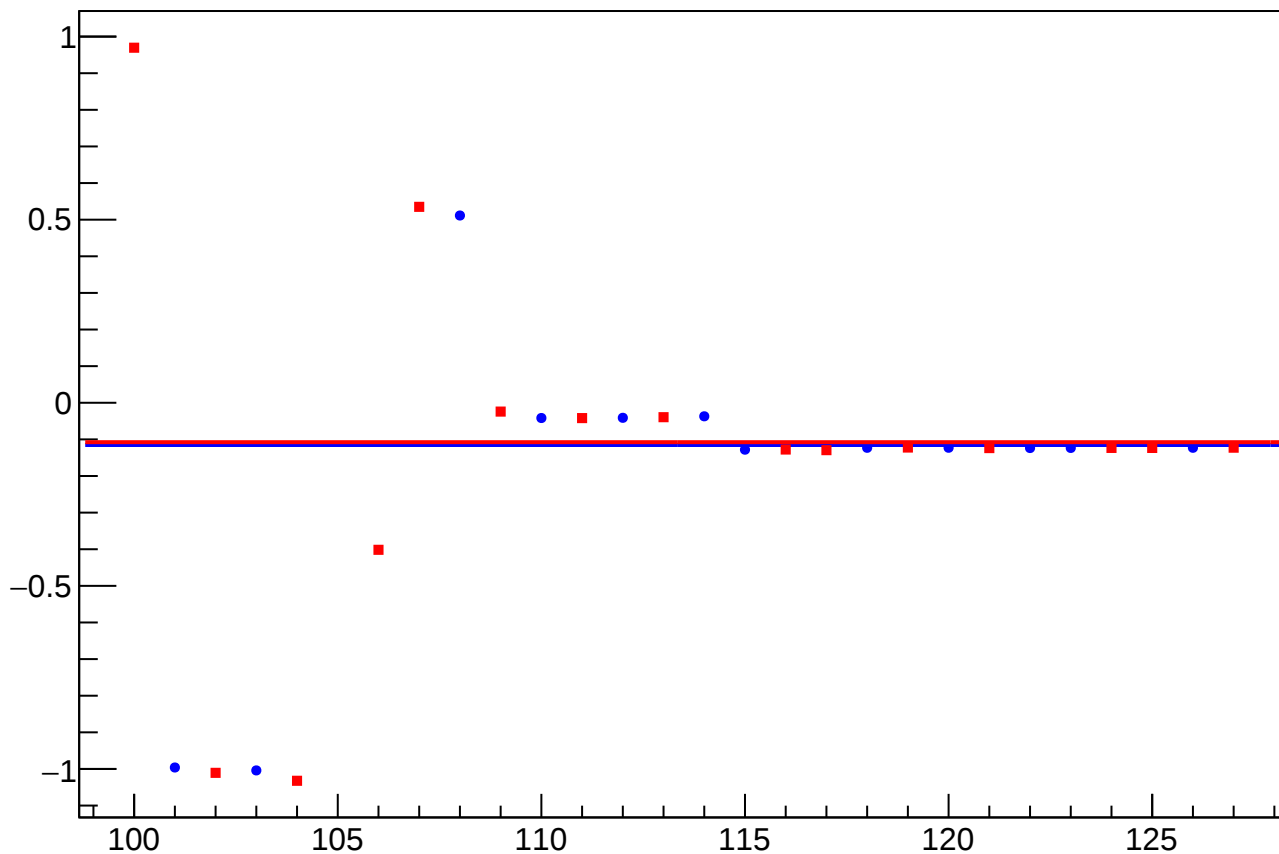
Right Out: 0.002+/-0.000 χ^2/NDF : 2869413.3/14

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 : 2869413.3/14

yield_cav4cY_mean vs Slug



Right In: -0.115+/-0.000 χ^2/NDF : 3896755640.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

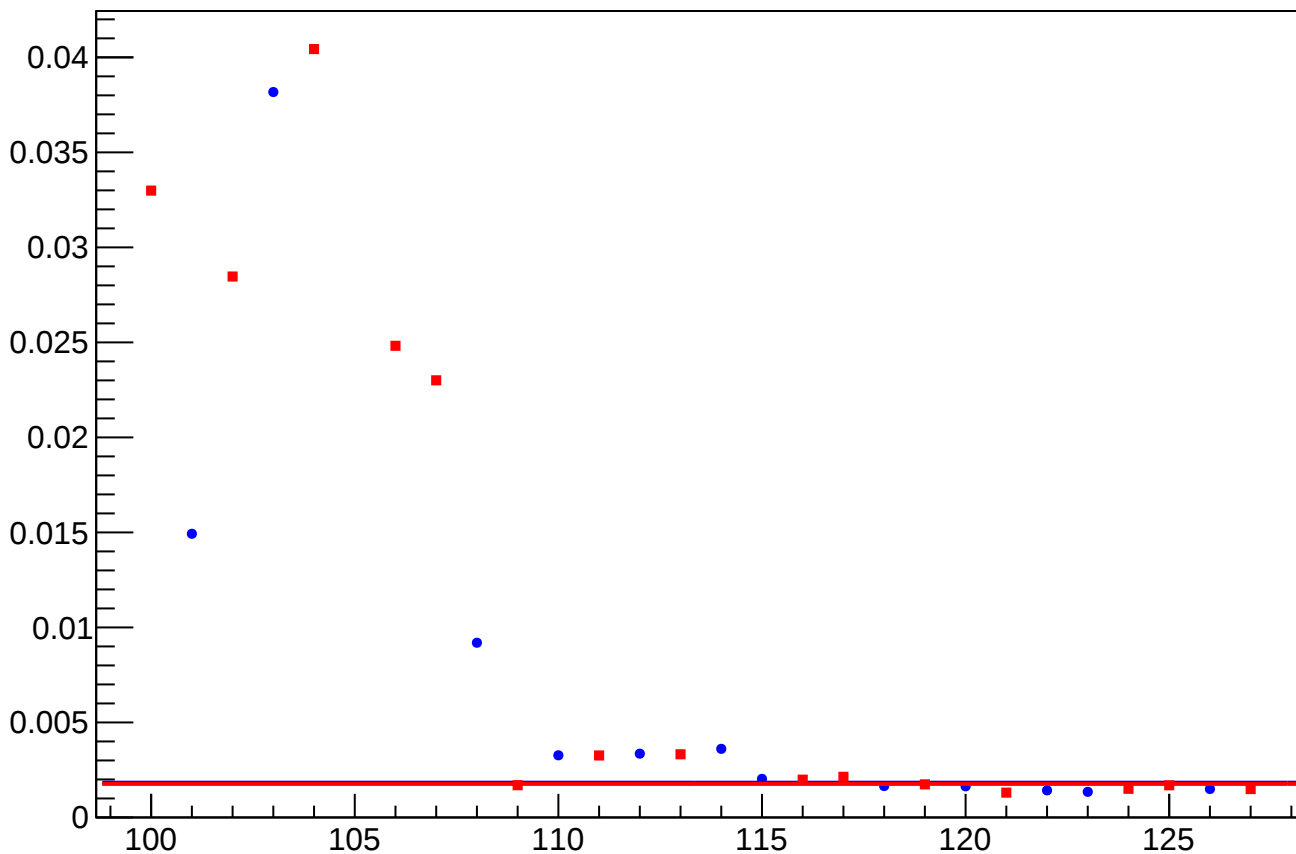
Right Out: -0.108+/-0.000 χ^2/NDF : 2332210293.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.115+/-0.000 χ^2/NDF : 3896755640.0/11

-0.108+/-0.000 χ^2/NDF : 2332210293.3/14

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2643902.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

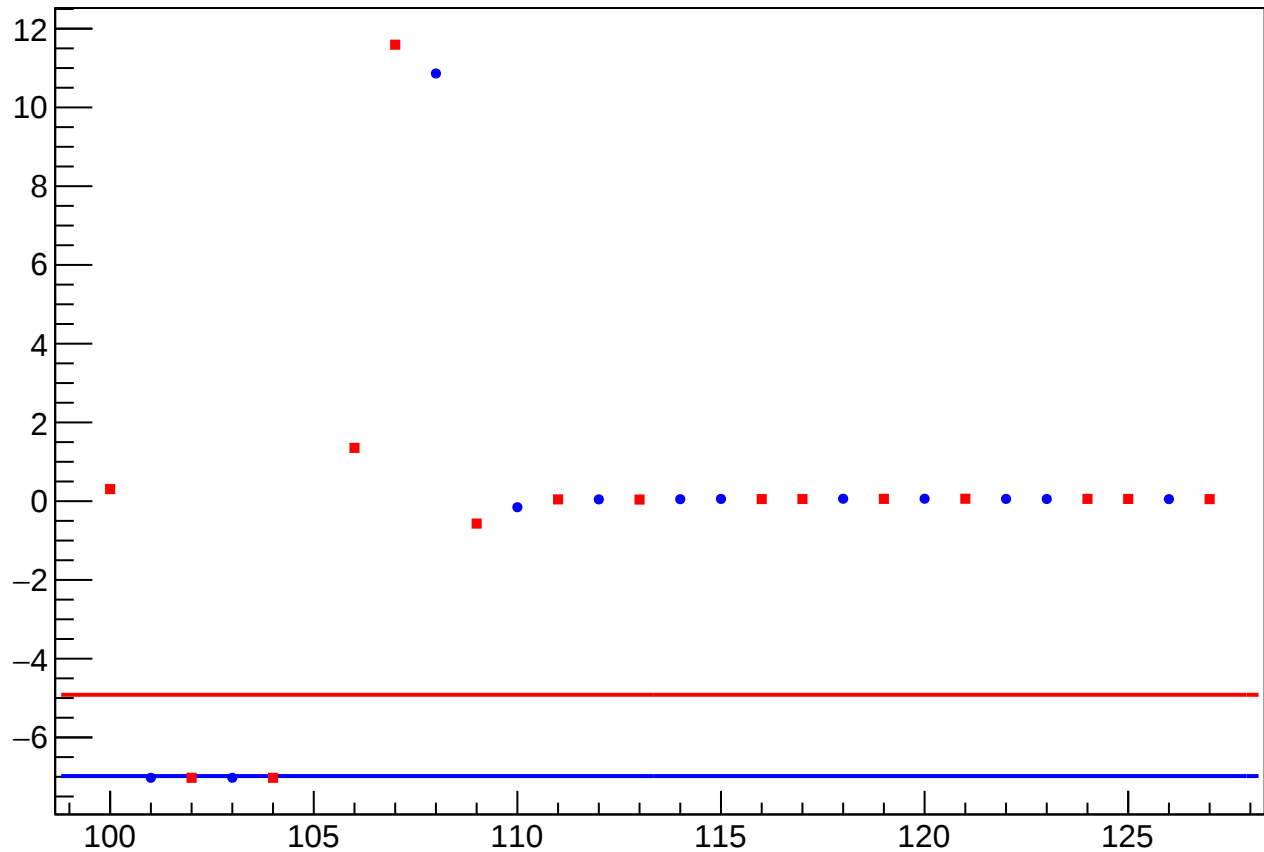
Right Out: 0.002+/-0.000 χ^2/NDF : 3298983.0/14

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 : 3298983.0/14

yield_cav4dX_mean vs Slug



Right In: -6.982+/-0.000 χ^2/NDF : 7589719967835.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

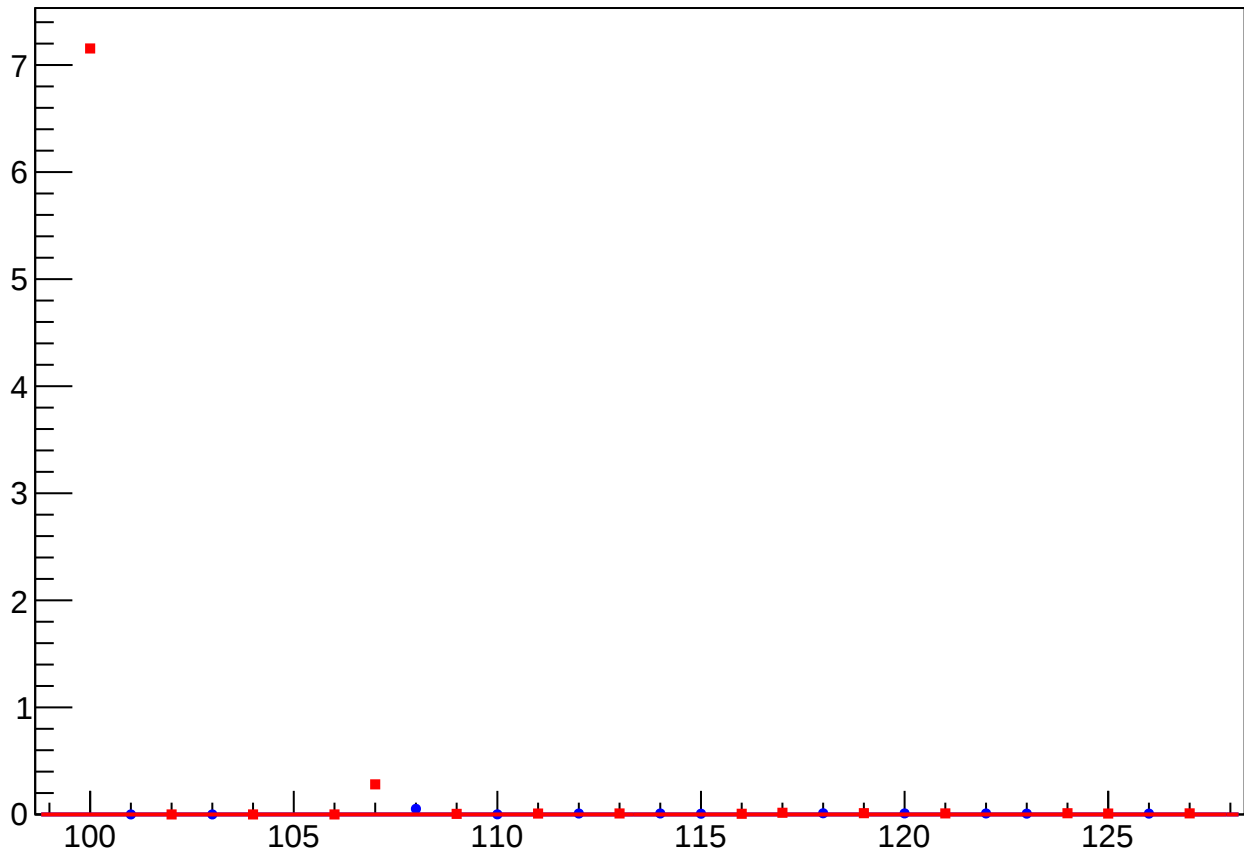
Right Out: -4.917+/-0.000 χ^2/NDF : 364934457025354.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.982+/-0.000 χ^2/NDF : 7589719967835.2/11

-4.917+/-0.000 χ^2/NDF : 364934457025354.8/14

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 4565934.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

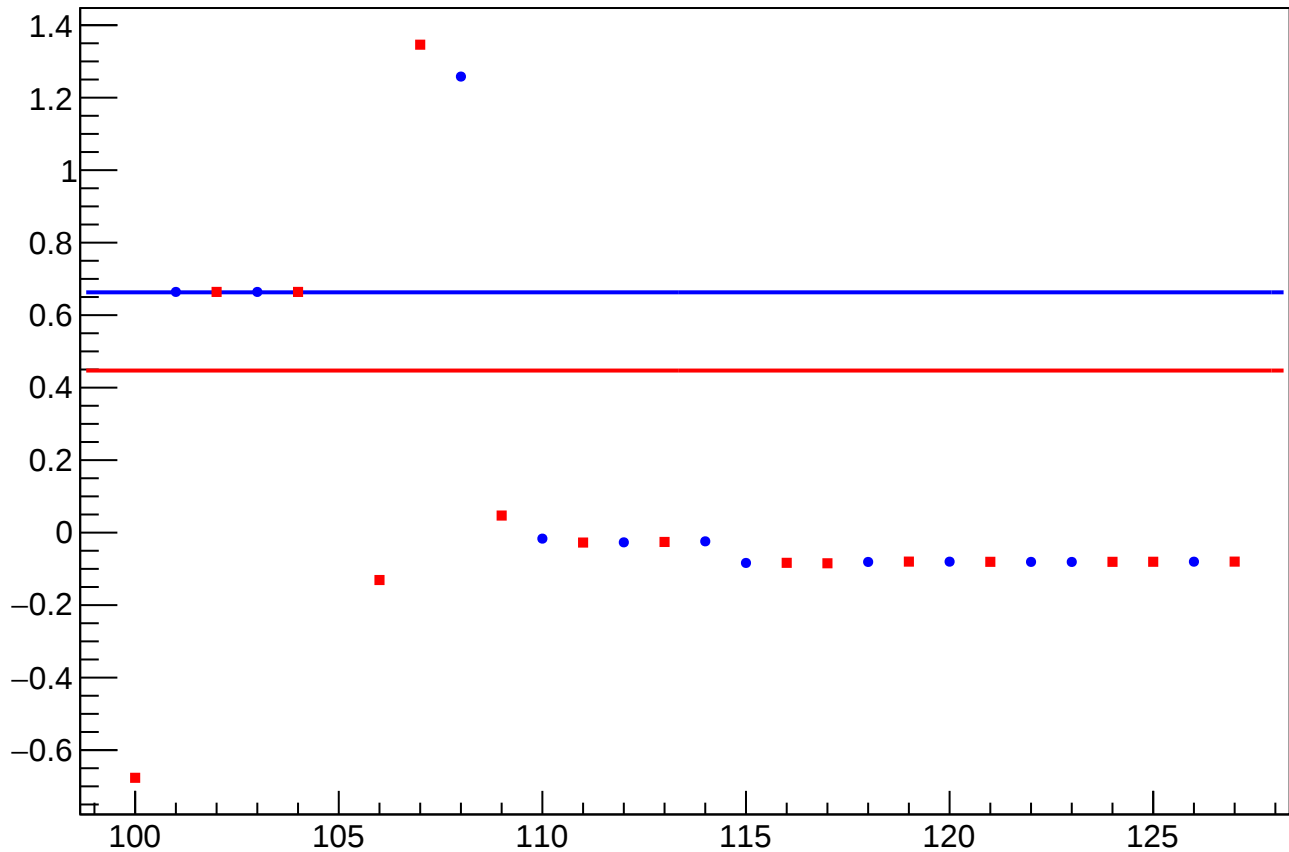
Right Out: 0.000+/-0.000 χ^2/NDF : 5904329.8/14

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 : 5904329.8/14

yield_cav4dY_mean vs Slug



Right In: 0.663+/-0.000 χ^2/NDF : 2191965088521.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

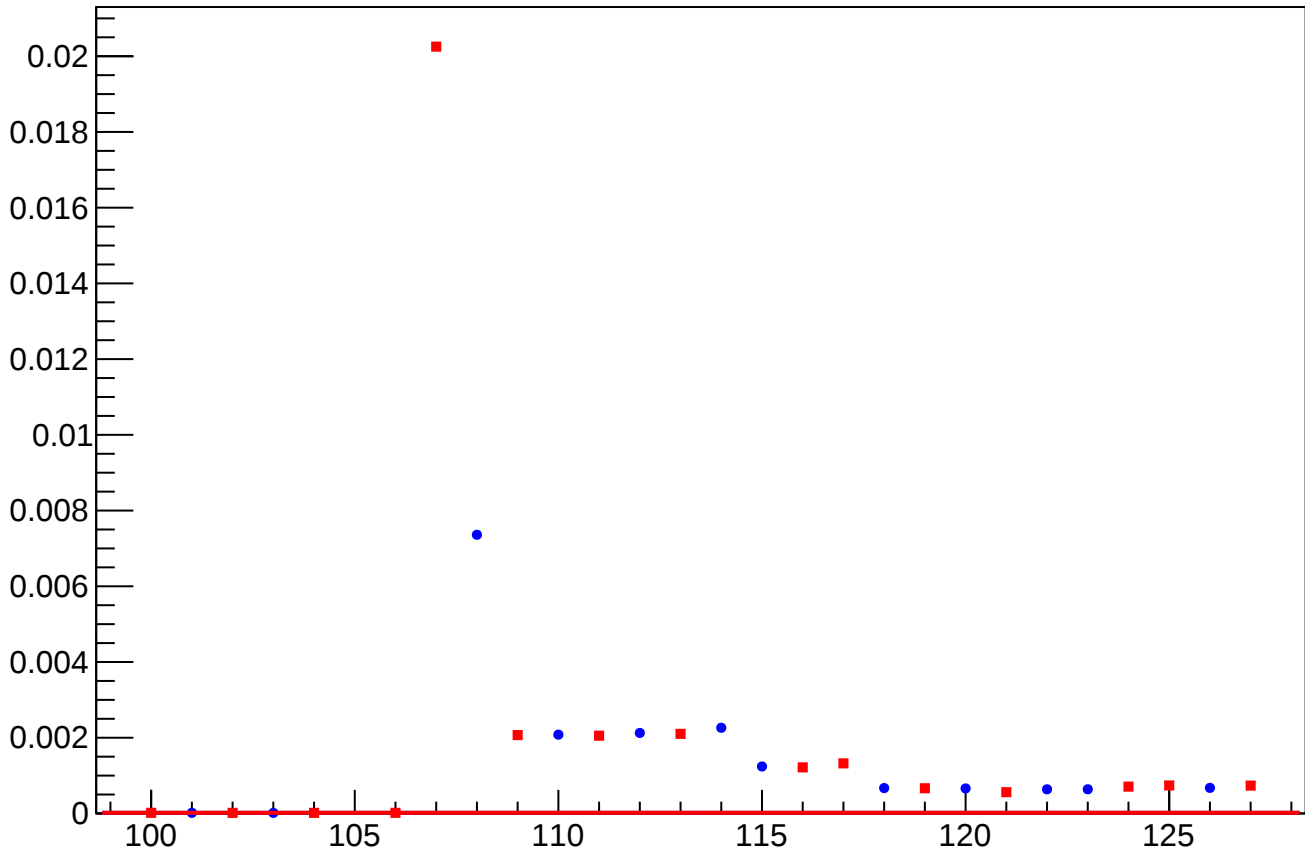
Right Out: 0.447+/-0.000 χ^2/NDF : 404063977620401.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 2191965088521.7/11

0.447+/-0.000 χ^2/NDF : 404063977620401.4/14

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5682277.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

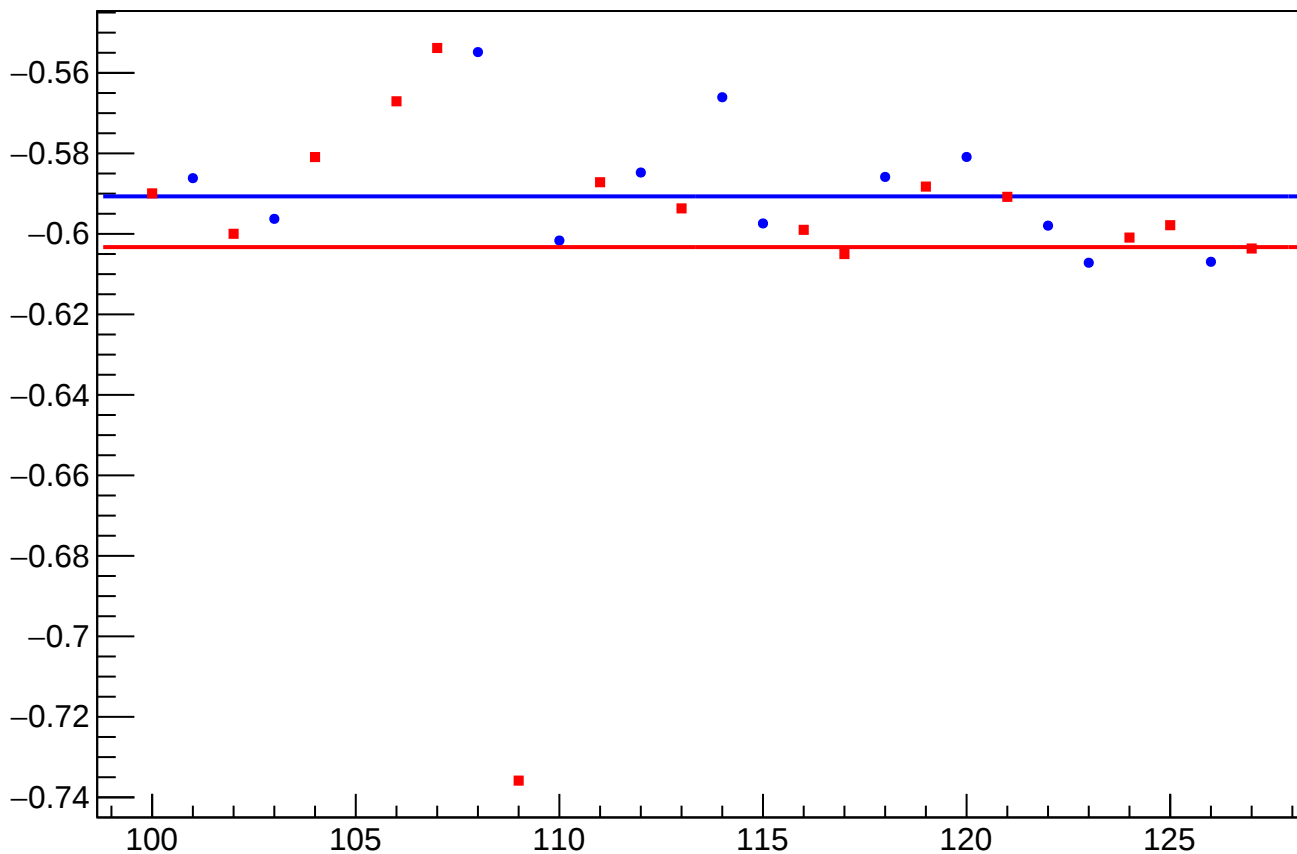
Right Out: 0.000+/-0.000 χ^2/NDF : 6230121.9/14

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 : 6230121.9/14

yield_bpm4aX_mean vs Slug



Right In: -0.591+/-0.000 χ^2/NDF : 921045.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

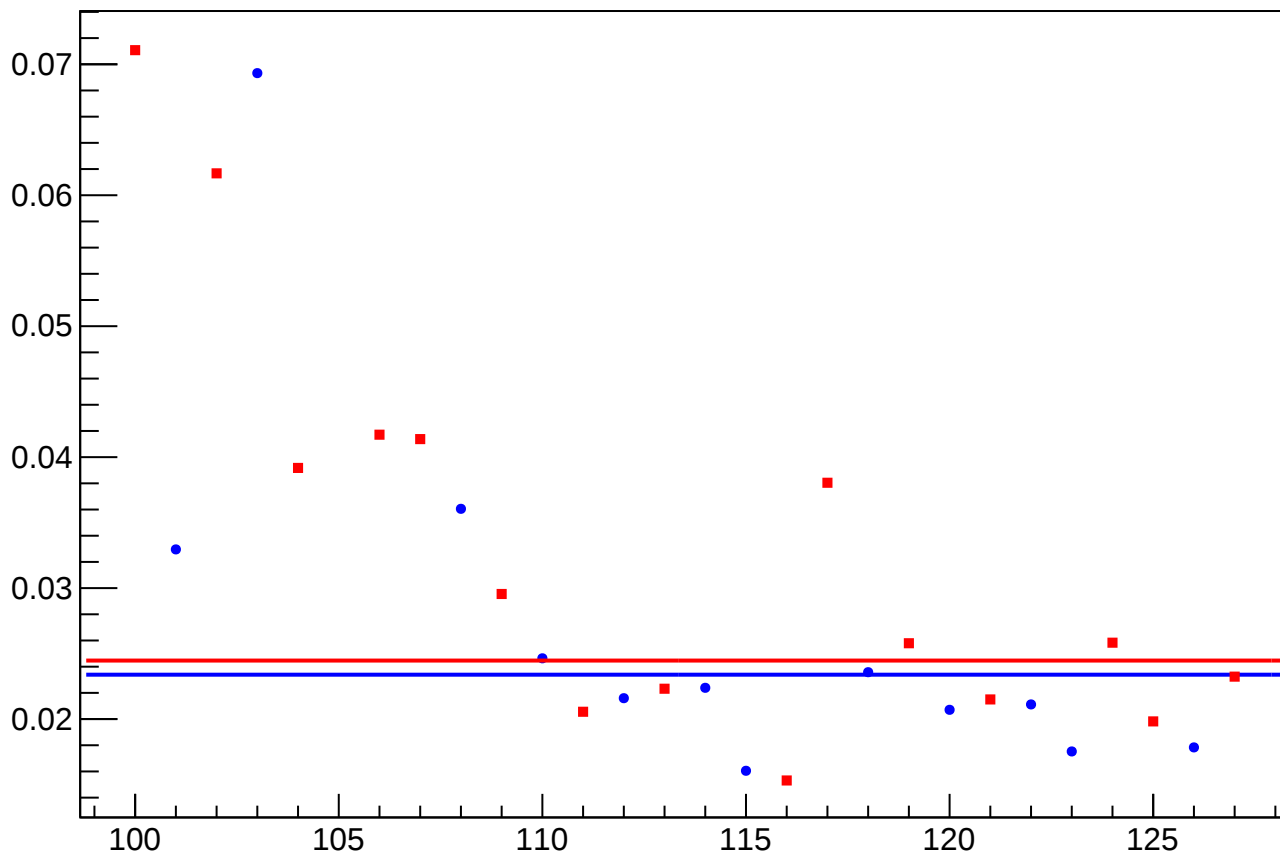
Right Out: -0.603+/-0.000 χ^2/NDF : 10147857.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.591+/-0.000 χ^2/NDF : 921045.3/11

-0.603+/-0.000 χ^2/NDF : 10147857.7/14

yield_bpm4aX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 778721.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

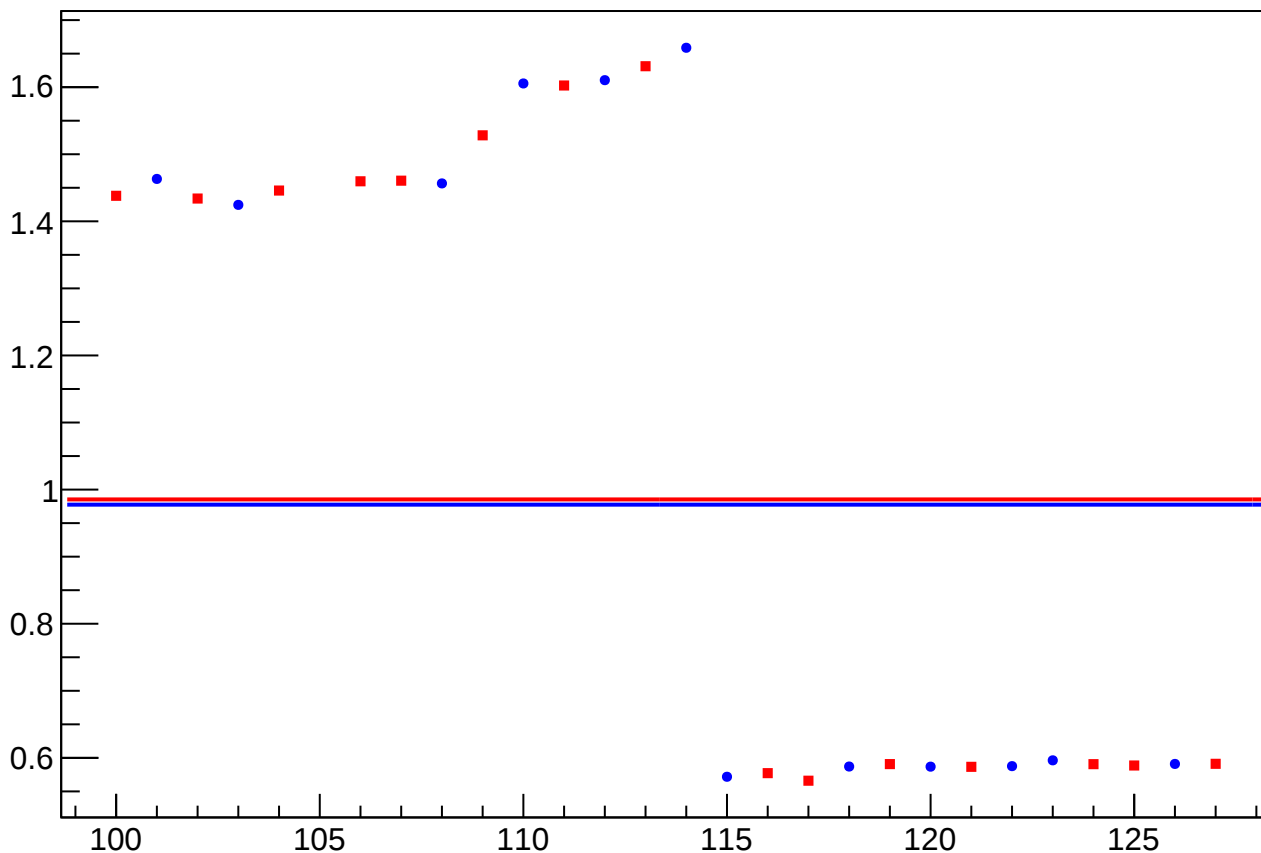
Right Out: 0.024+/-0.000 χ^2/NDF : 950577.7/14

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 : 950577.7/14

yield_bpm4aY_mean vs Slug



Right In: 0.978+/-0.000 χ^2/NDF : 2622043071.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

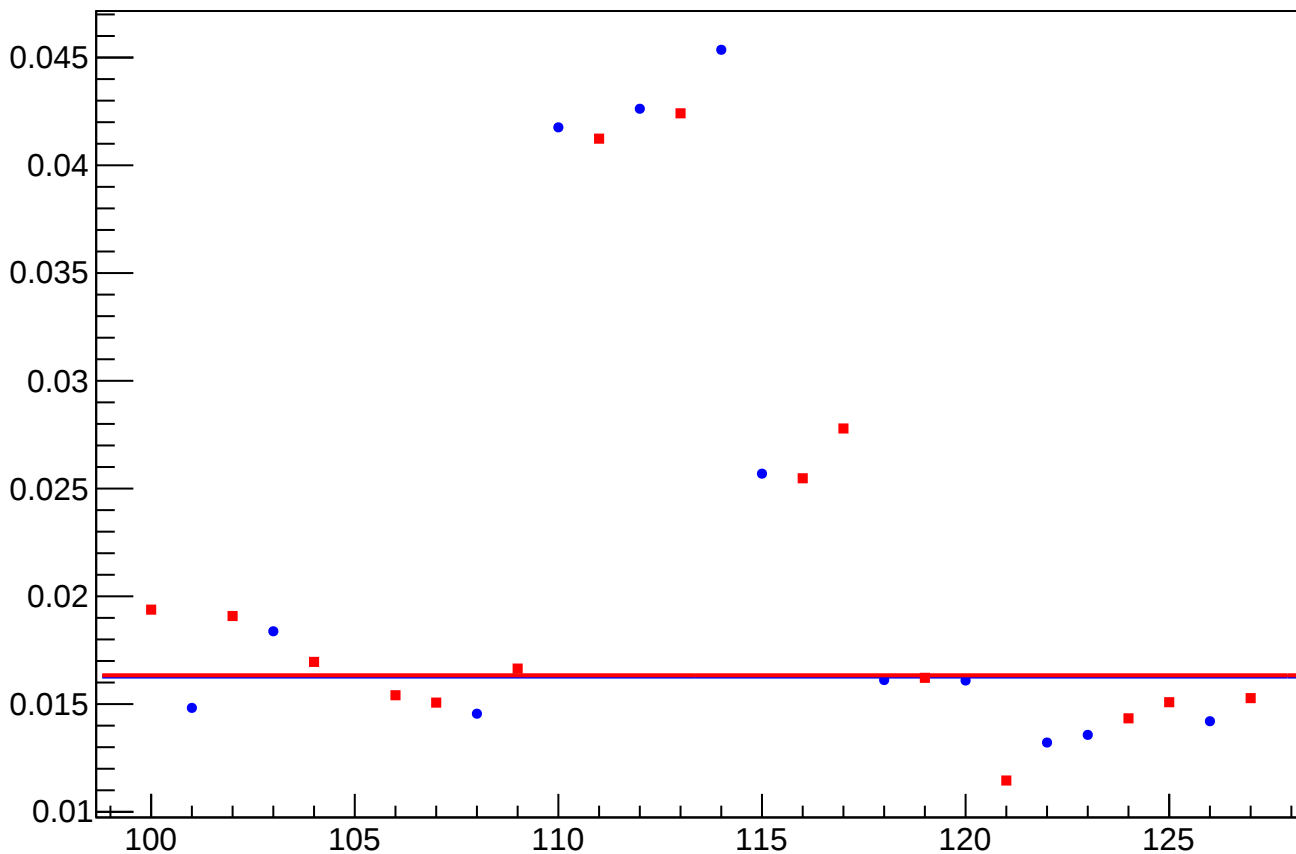
Right Out: 0.985+/-0.000 χ^2/NDF : 3220637085.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.978+/-0.000 χ^2/NDF : 2622043071.3/11

0.985+/-0.000 χ^2/NDF : 3220637085.4/14

yield_bpm4aY_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 797743.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

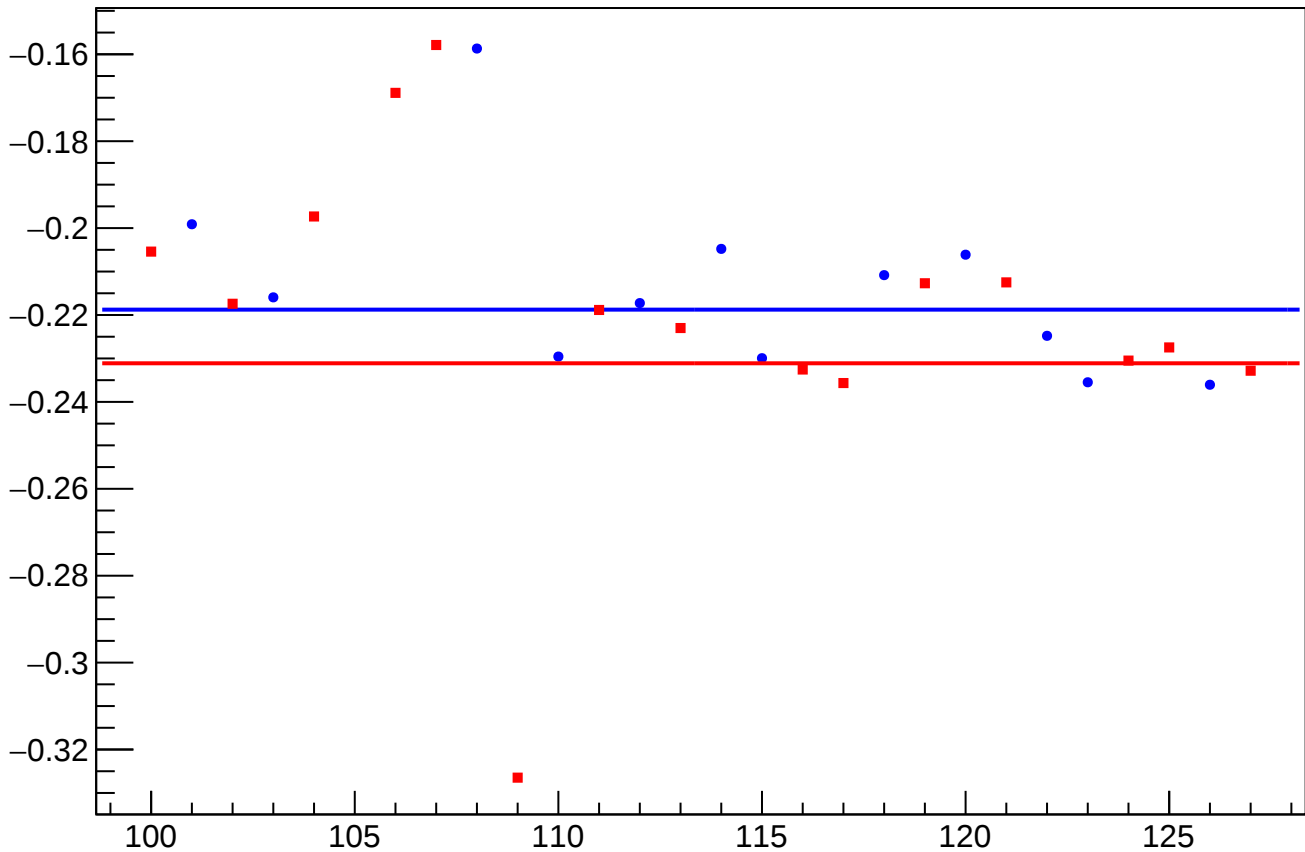
Right Out: 0.016+/-0.000 χ^2/NDF : 879021.2/14

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 : 879021.2/14

yield_bpm4eX_mean vs Slug



Right In: -0.219+/-0.000 χ^2/NDF : 1900065.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

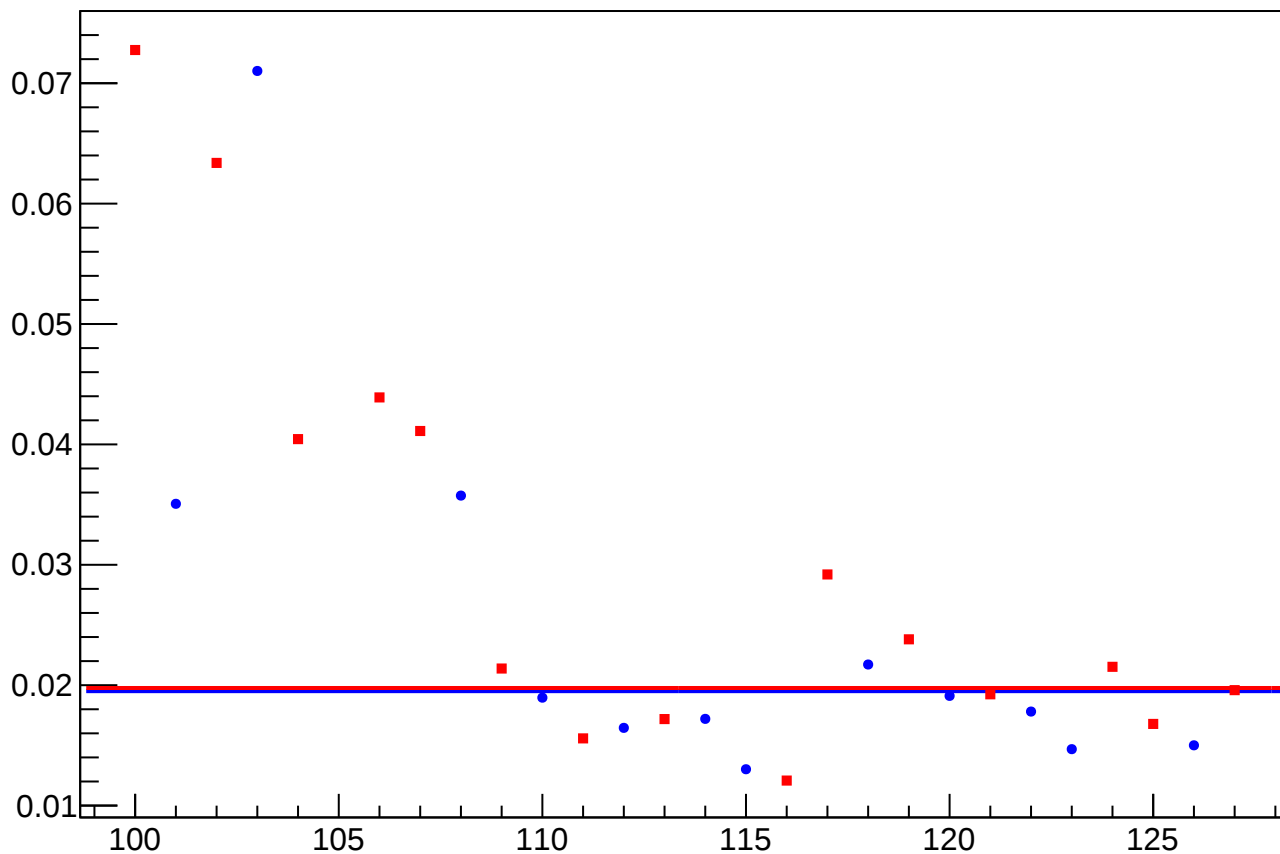
-0.219+/-0.000 χ^2/NDF : 1900065.9/11

Right Out: -0.231+/-0.000 χ^2/NDF : 11134664.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.231+/-0.000 χ^2/NDF : 11134664.9/14

yield_bpm4eX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1066843.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

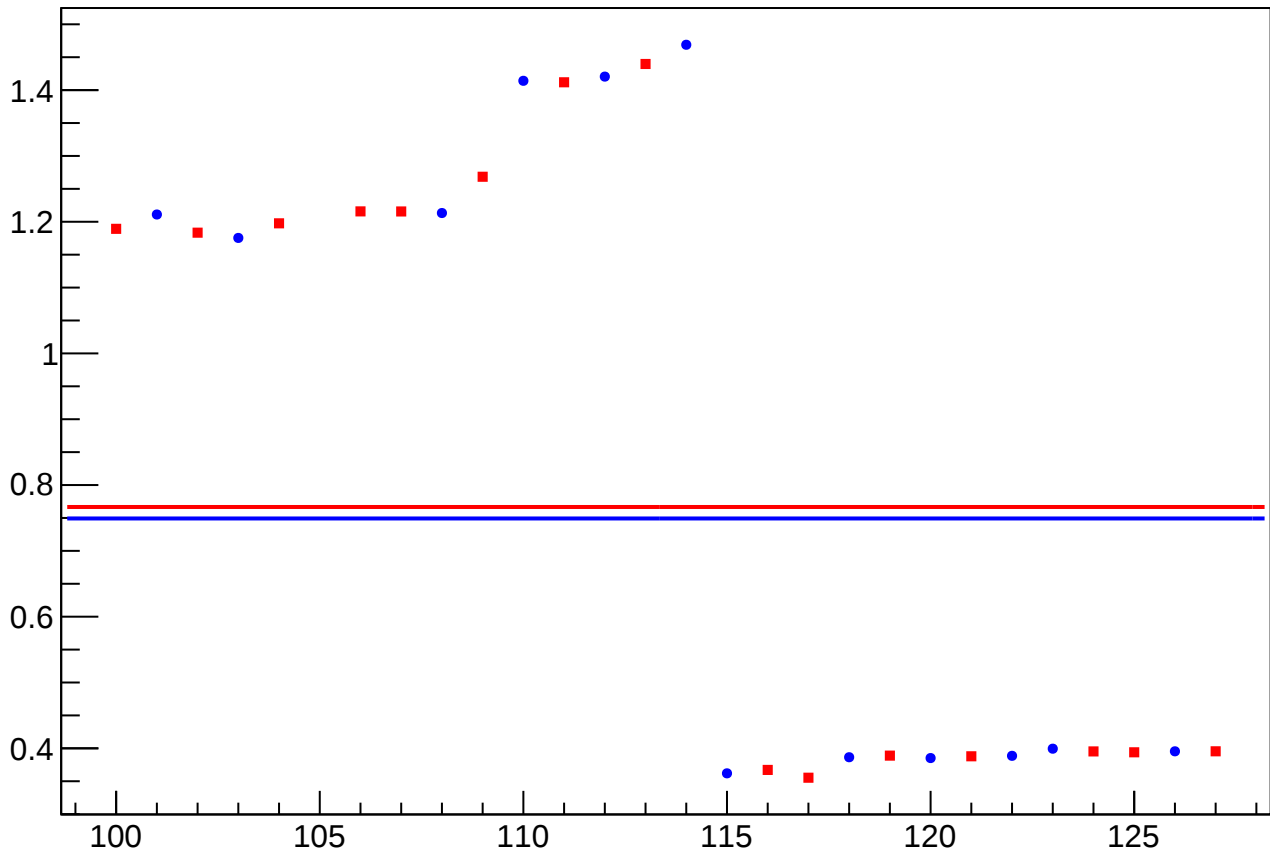
Right Out: 0.020+/-0.000 χ^2/NDF : 1318935.3/14

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 : 1318935.3/14

yield_bpm4eY_mean vs Slug



Right In: 0.749+/-0.000 χ^2/NDF : 3498593062.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

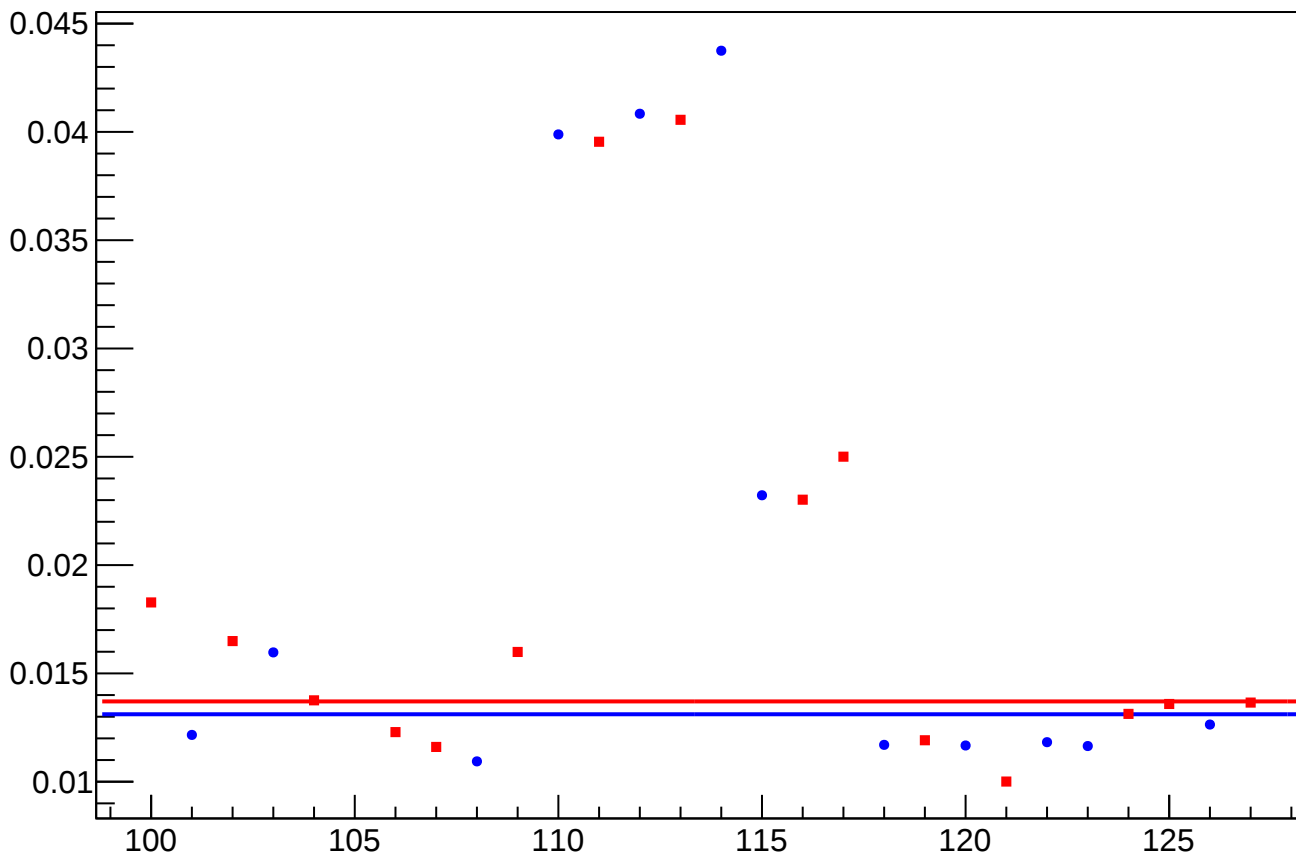
0.749+/-0.000 χ^2/NDF : 3498593062.8/11

Right Out: 0.767+/-0.000 χ^2/NDF : 3958075070.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.767+/-0.000 χ^2/NDF : 3958075070.4/14

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 951424.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

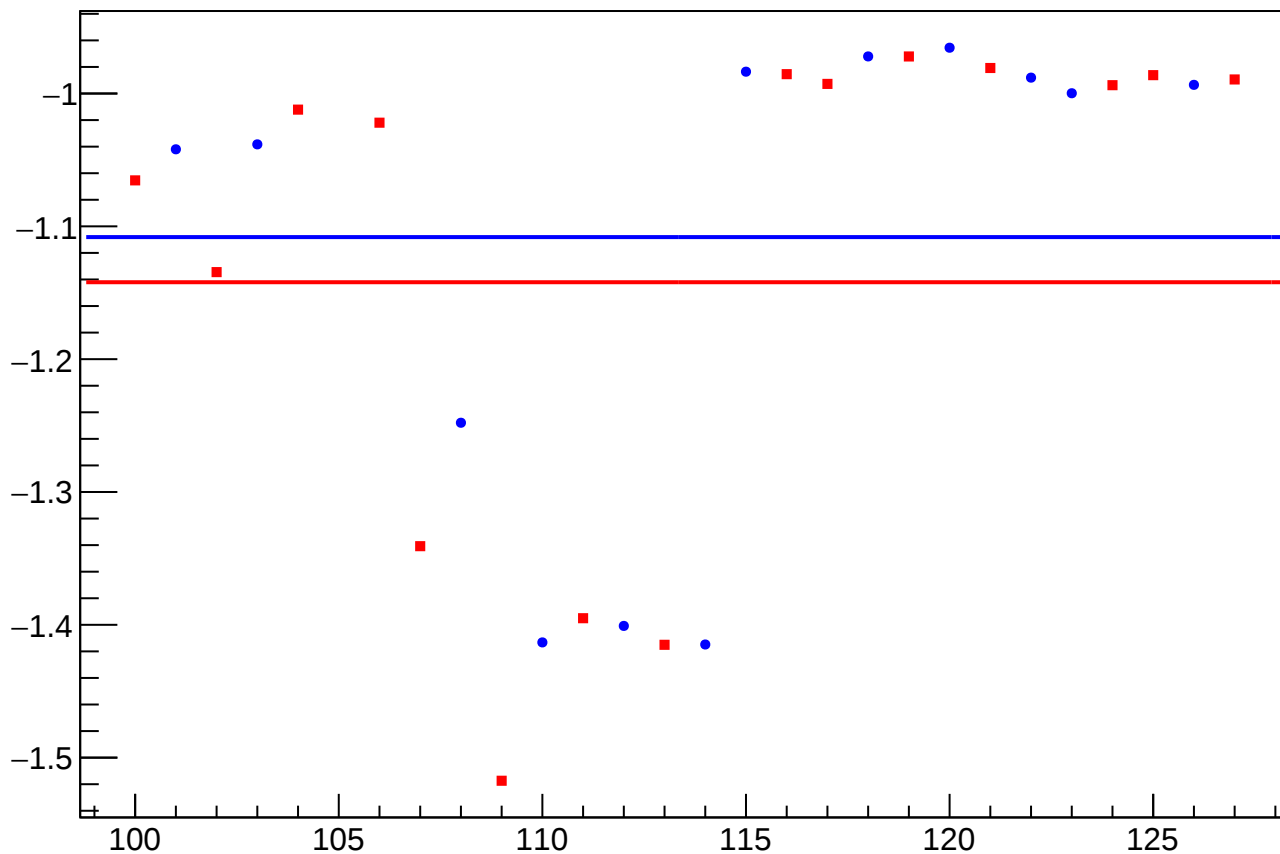
Right Out: 0.014+/-0.000 χ^2/NDF : 1018135.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 951424.4/11

0.014+/-0.000 χ^2/NDF : 1018135.2/14

yield_bpm4acX_mean vs Slug



Right In: -1.108+/-0.000 χ^2/NDF : 207030571.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

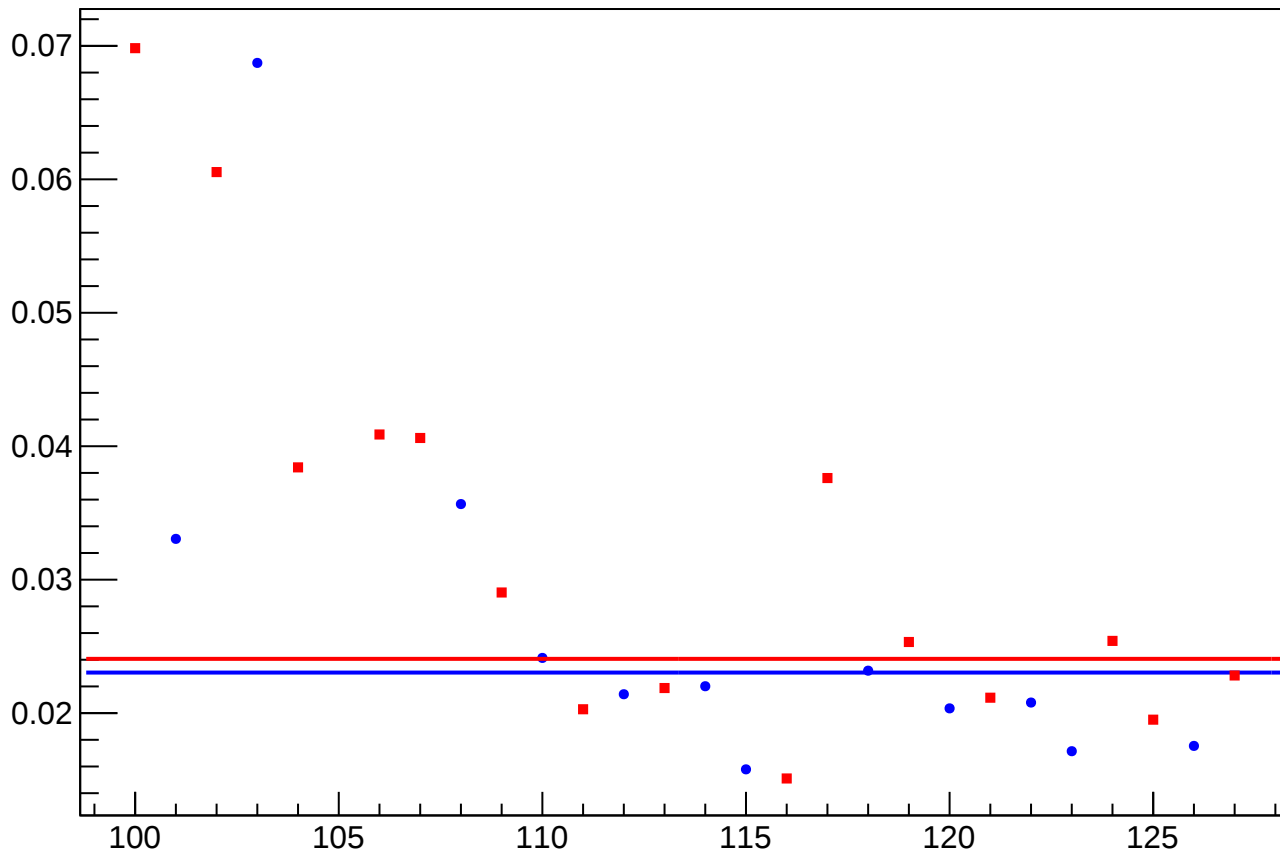
Right Out: -1.142+/-0.000 χ^2/NDF : 298385992.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.108+/-0.000 χ^2/NDF : 207030571.4/11

-1.142+/-0.000 χ^2/NDF : 298385992.9/14

yield_bpm4acX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 789349.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

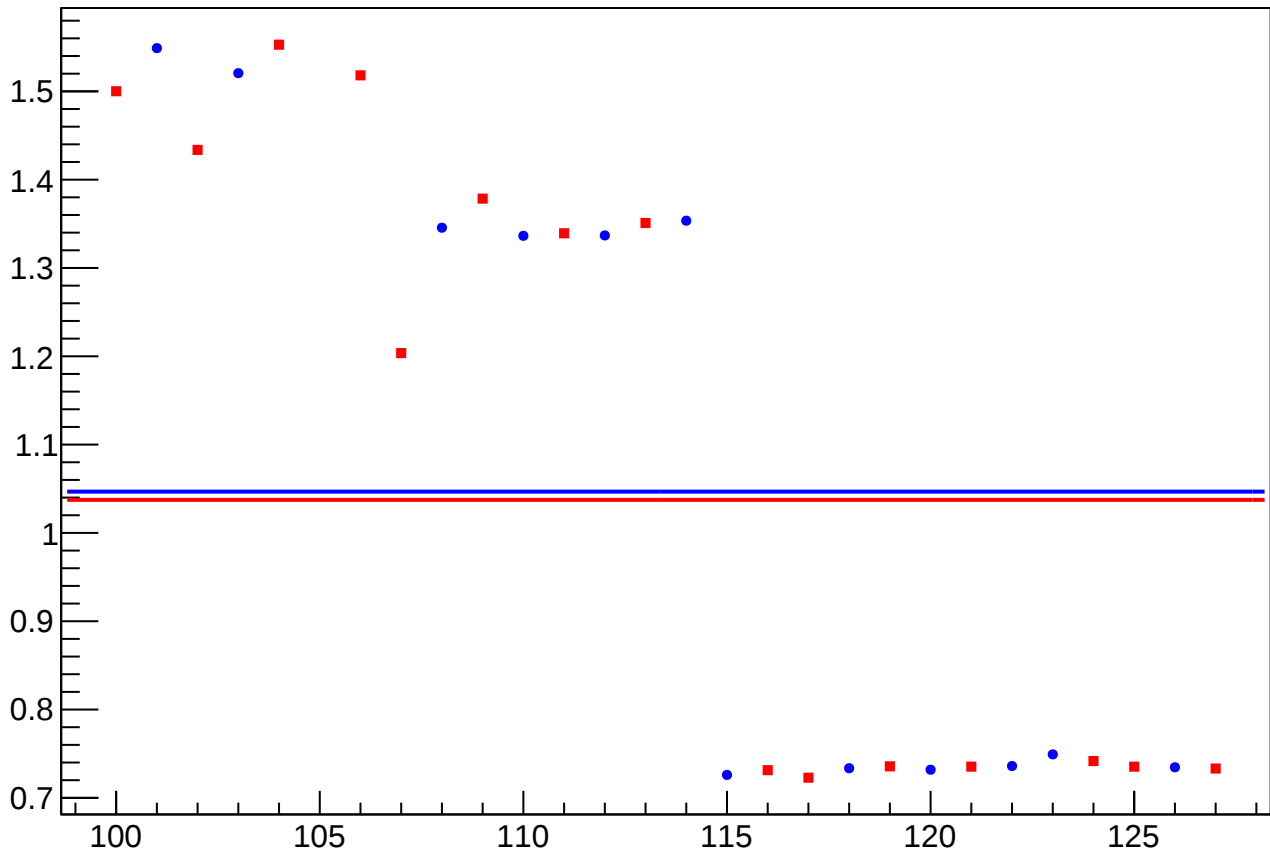
Right Out: 0.024+/-0.000 χ^2/NDF : 943742.4/14

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 : 943742.4/14

yield_bpm4acY_mean vs Slug



Right In: 1.047+/-0.000 χ^2/NDF : 1774035670.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

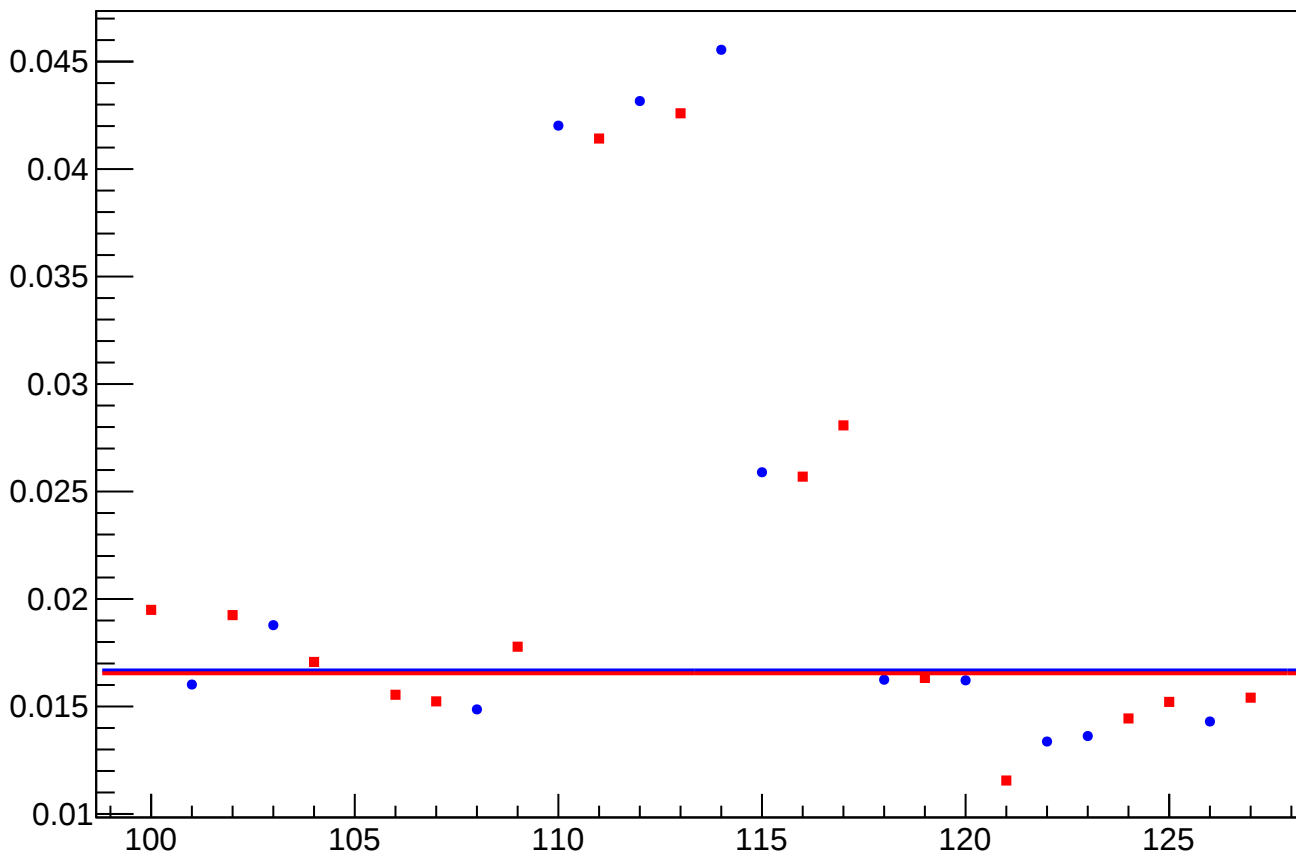
1.047+/-0.000 χ^2/NDF : 1774035670.9/11

Right Out: 1.037+/-0.000 χ^2/NDF : 1951463025.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.037+/-0.000 χ^2/NDF : 1951463025.3/14

yield_bpm4acY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 787341.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

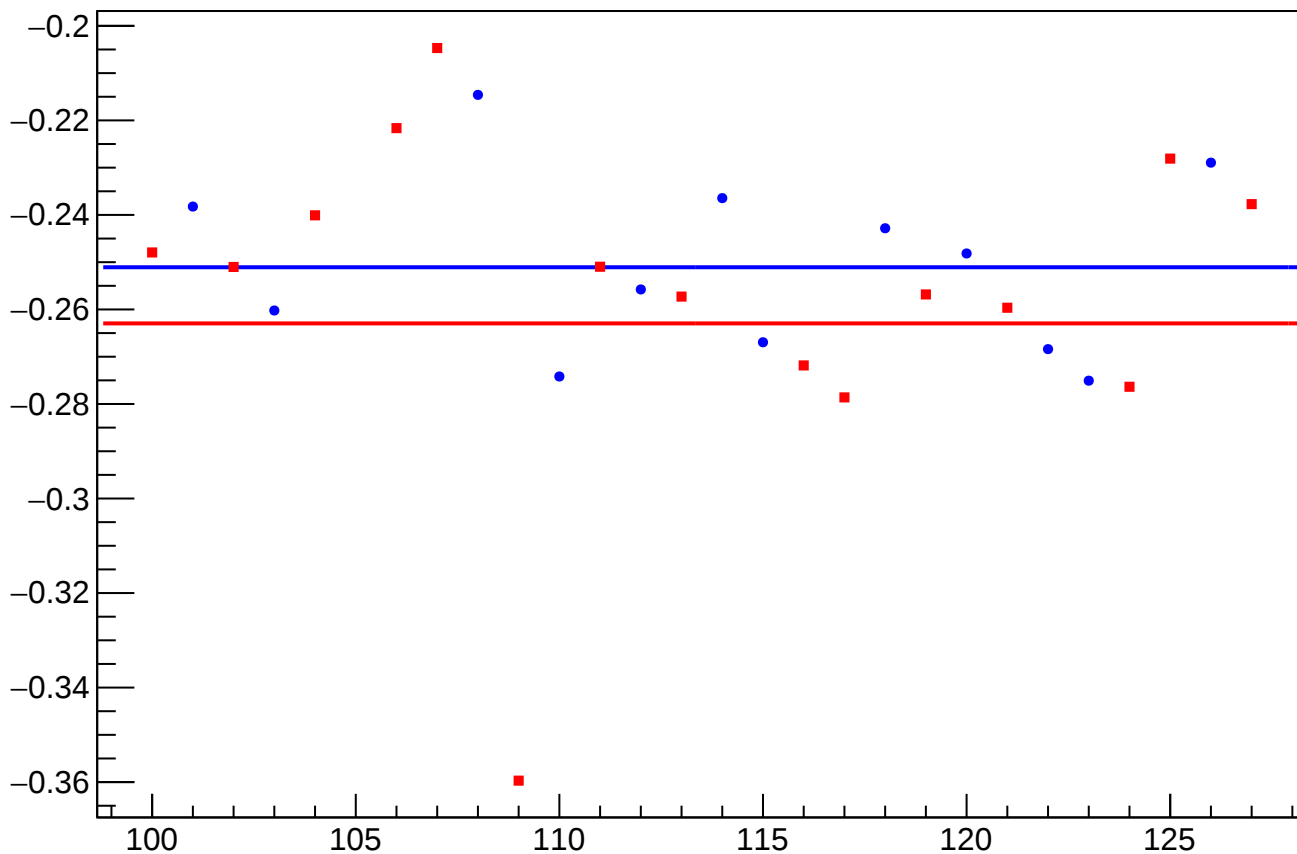
Right Out: 0.017+/-0.000 χ^2/NDF : 878473.2/14

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 : 878473.2/14

yield_bpm4ecX_mean vs Slug



Right In: -0.251+/-0.000 χ^2/NDF : 2127347.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

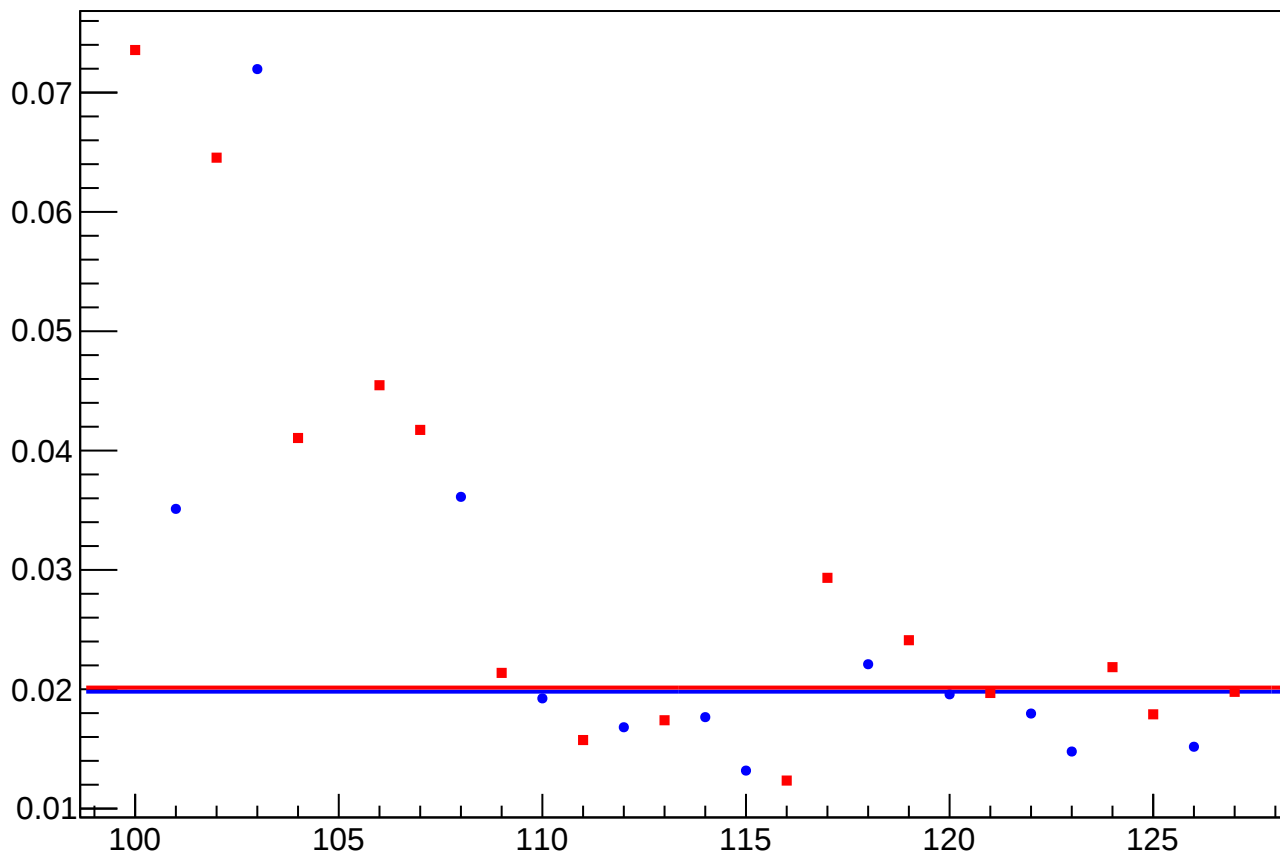
Right Out: -0.263+/-0.000 χ^2/NDF : 11708618.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.251+/-0.000 χ^2/NDF : 2127347.9/11

-0.263+/-0.000 χ^2/NDF : 11708618.8/14

yield_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1055687.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

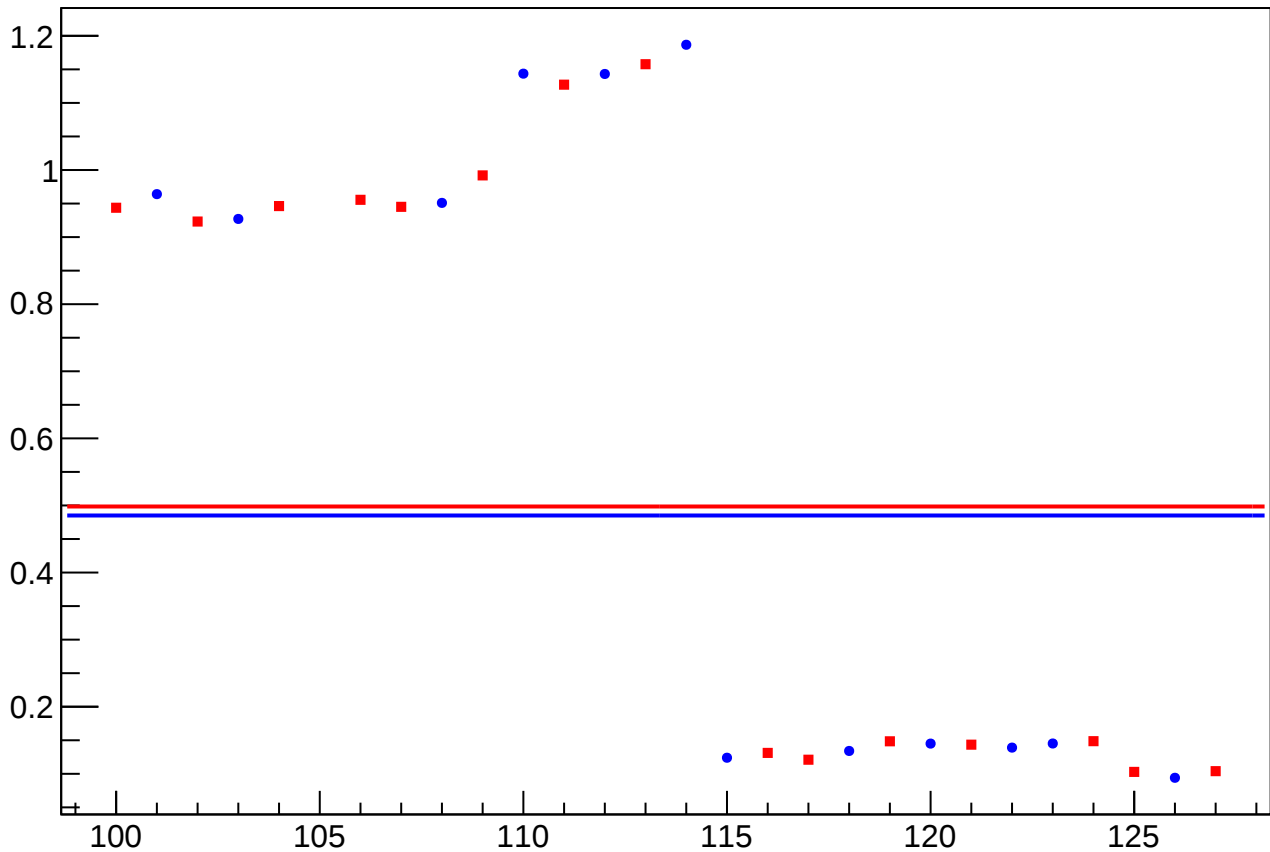
Right Out: 0.020+/-0.000 χ^2/NDF : 1314575.7/14

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 : 1314575.7/14

yield_bpm4ecY_mean vs Slug



Right In: 0.485+/-0.000 χ^2/NDF : 3581909941.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

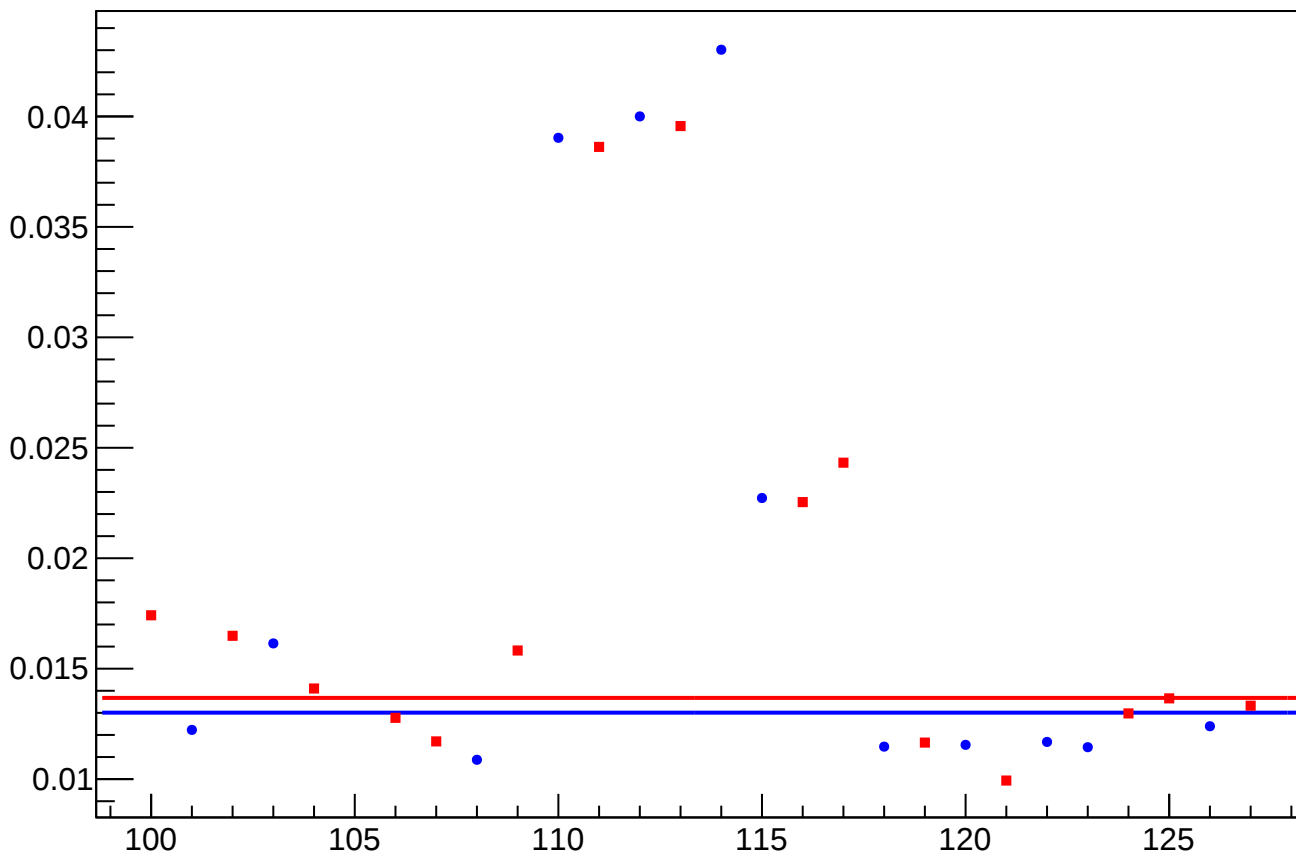
0.485+/-0.000 χ^2/NDF : 3581909941.2/11

Right Out: 0.498+/-0.000 χ^2/NDF : 3922805357.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.498+/-0.000 χ^2/NDF : 3922805357.4/14

yield_bpm4ecY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 949813.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

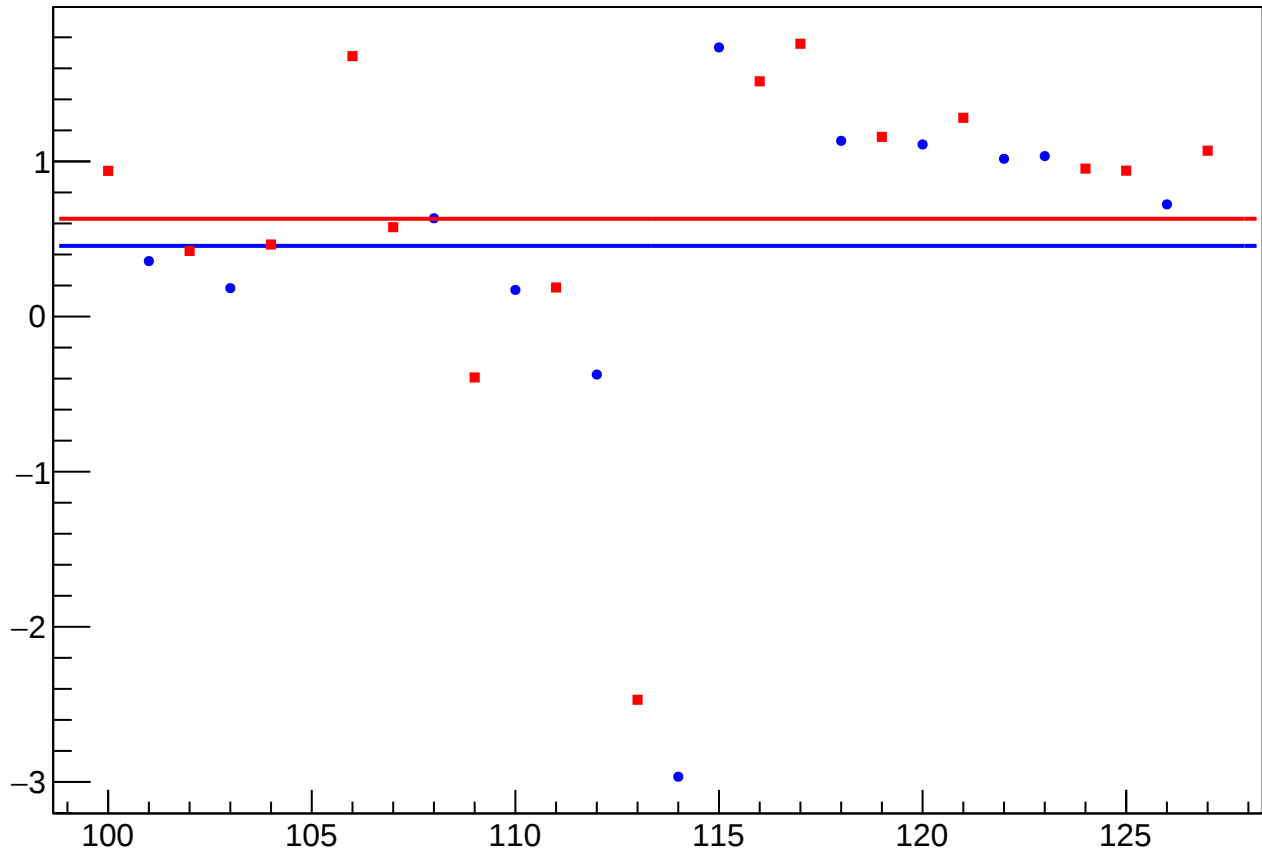
Right Out: 0.014+/-0.000 χ^2/NDF : 999102.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 949813.2/11

0.014+/-0.000 χ^2/NDF : 999102.9/14

yield_bpm1X_mean vs Slug



Right In: 0.456+/-0.000 χ^2/NDF : 209037213.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

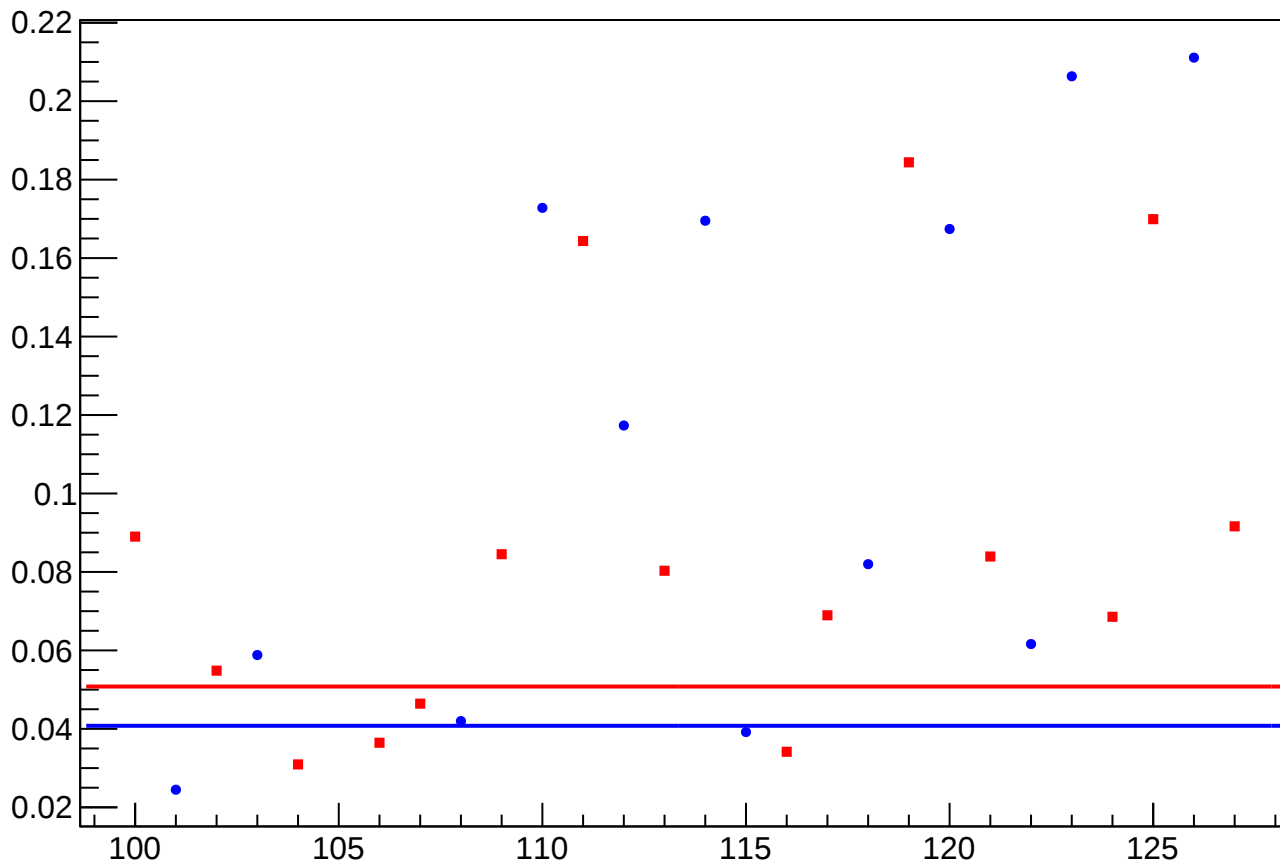
0.456+/-0.000 χ^2/NDF : 209037213.6/11

Right Out: 0.630+/-0.000 χ^2/NDF : 885585957.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.630+/-0.000 χ^2/NDF : 885585957.4/14

yield_bpm1X_rms vs Slug



Right In: 0.041+/-0.000 χ^2/NDF : 2472946.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

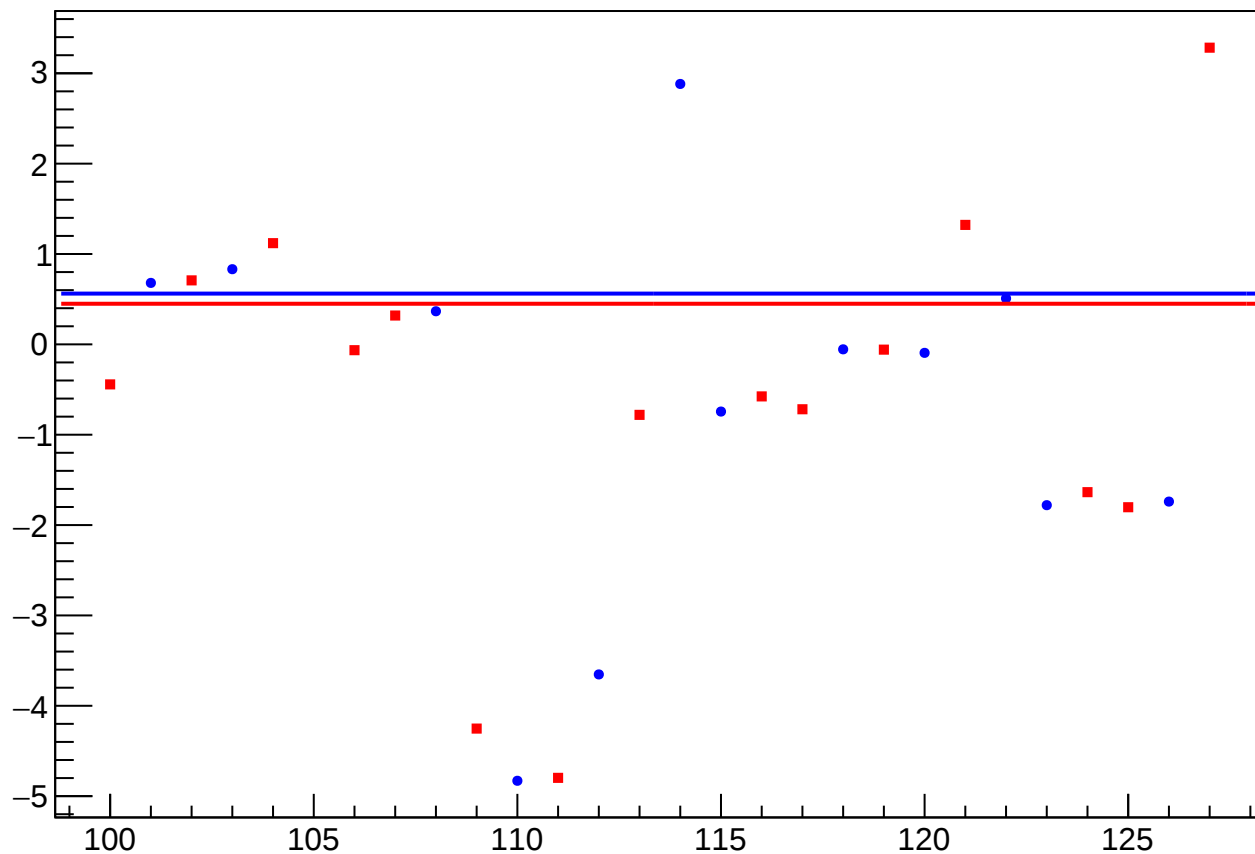
Right Out: 0.051+/-0.000 χ^2/NDF : 2071468.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 2472946.7/11

0.051+/-0.000 χ^2/NDF : 2071468.0/14

yield_bpm1Y_mean vs Slug



Right In: 0.562+/-0.000 χ^2/NDF : 1673677450.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

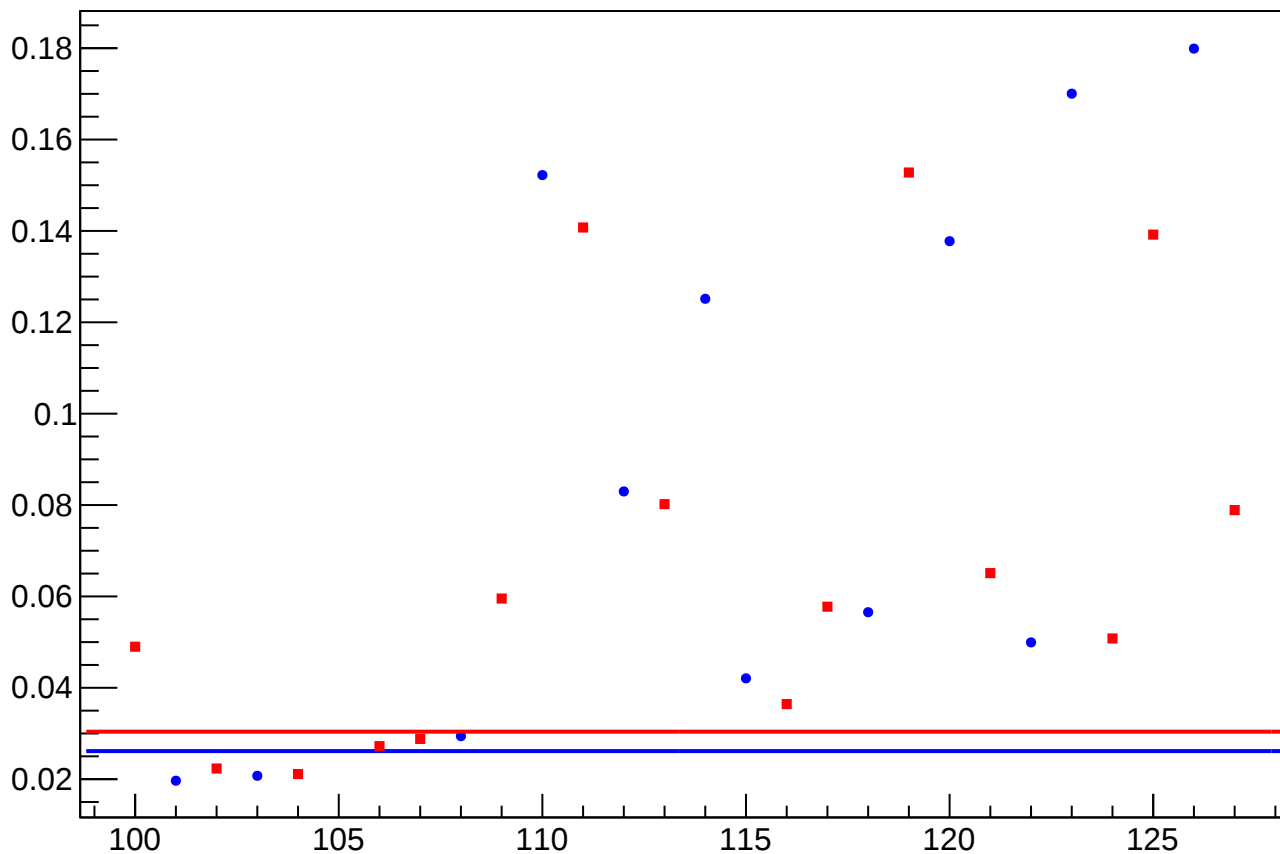
Right Out: 0.449+/-0.000 χ^2/NDF : 4288167220.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.562+/-0.000 χ^2/NDF : 1673677450.5/11

0.449+/-0.000 χ^2/NDF : 4288167220.4/14

yield_bpm1Y_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 2401220.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

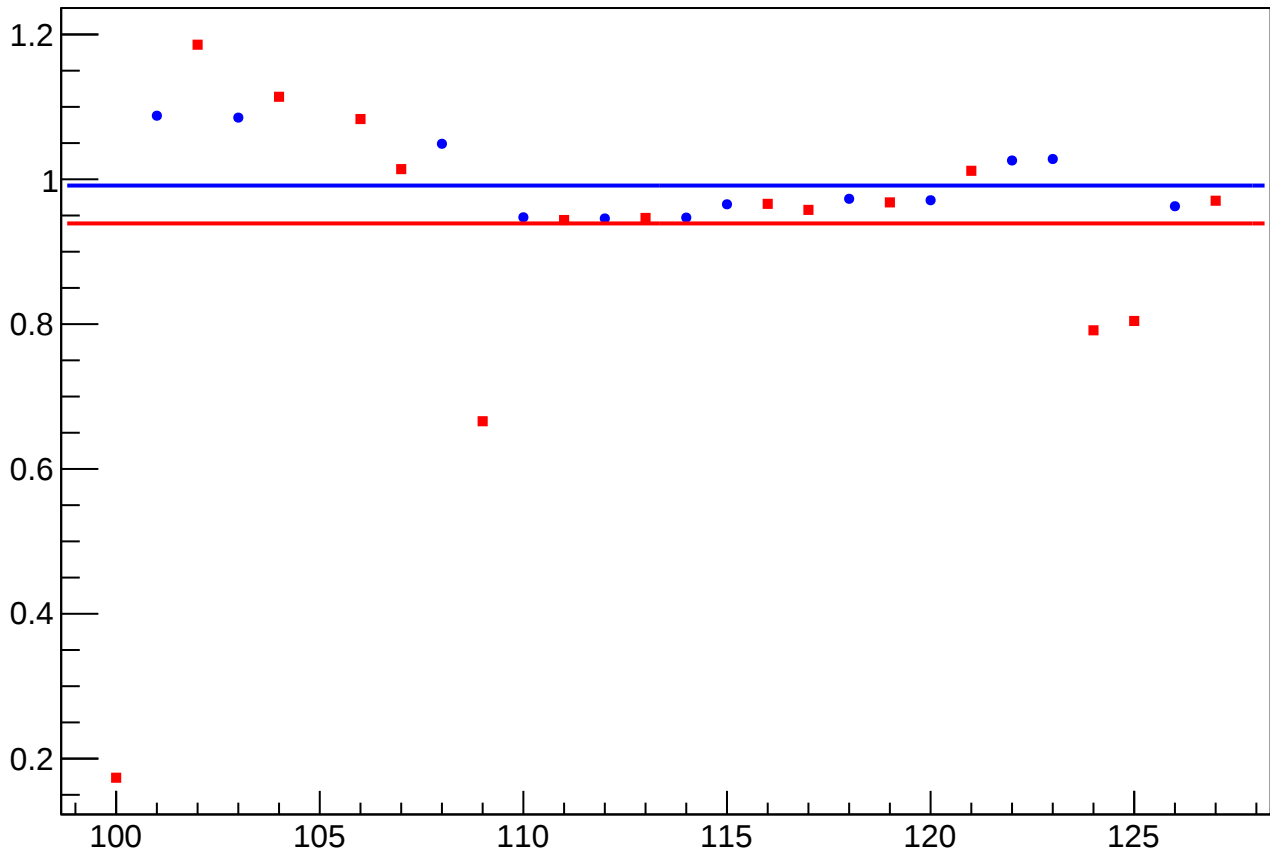
Right Out: 0.030+/-0.000 χ^2/NDF : 2679337.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.026+/-0.000 χ^2/NDF : 2401220.5/11

0.030+/-0.000 χ^2/NDF : 2679337.7/14

yield_bpm11X_mean vs Slug



Right In: 0.991+/-0.000 χ^2/NDF : 45451580.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

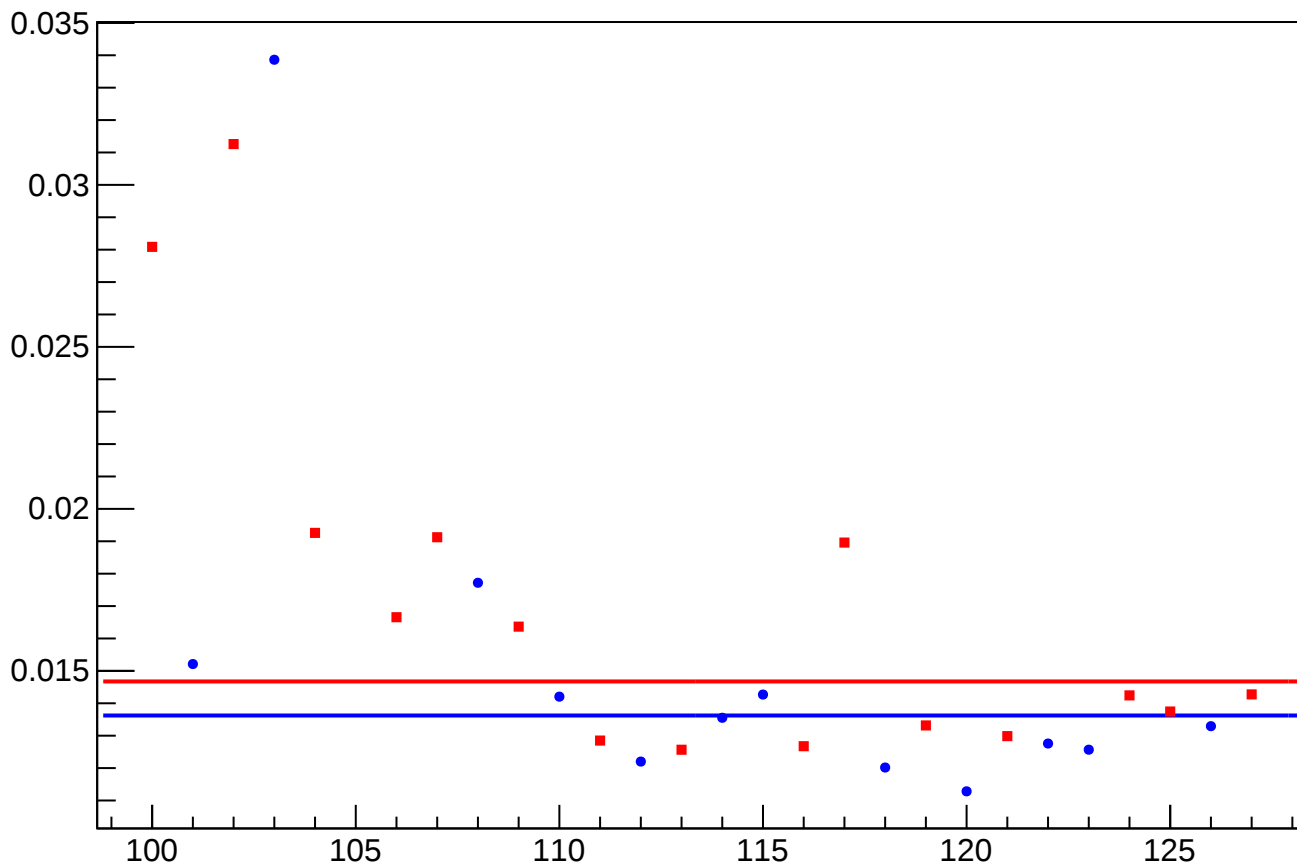
0.991+/-0.000 χ^2/NDF : 45451580.8/11

Right Out: 0.939+/-0.000 χ^2/NDF : 316400477.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.939+/-0.000 χ^2/NDF : 316400477.1/14

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 478327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

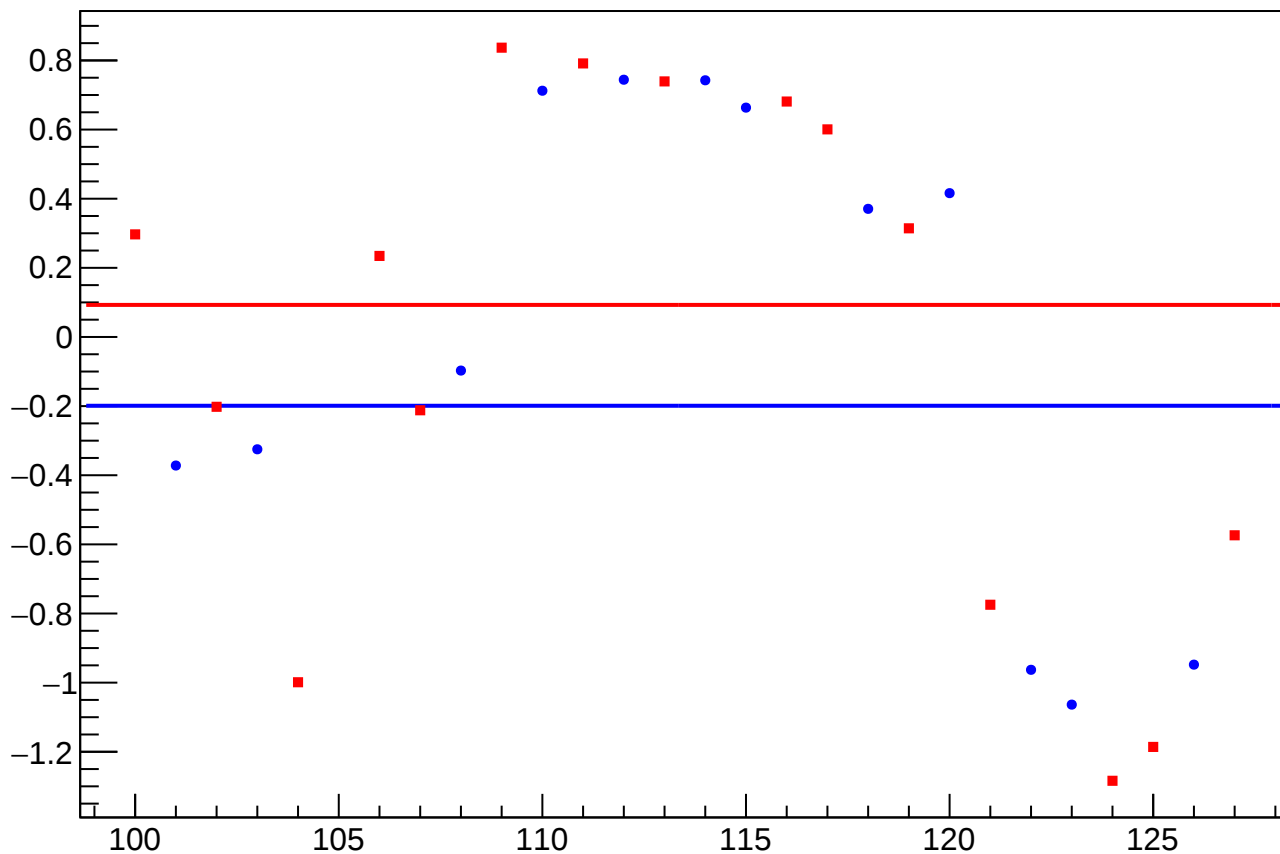
Right Out: 0.015+/-0.000 χ^2/NDF : 472015.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 478327.9/11

0.015+/-0.000 χ^2/NDF : 472015.0/14

yield_bpm11Y_mean vs Slug



Right In: -0.199+/-0.000 χ^2/NDF : 4448835126.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

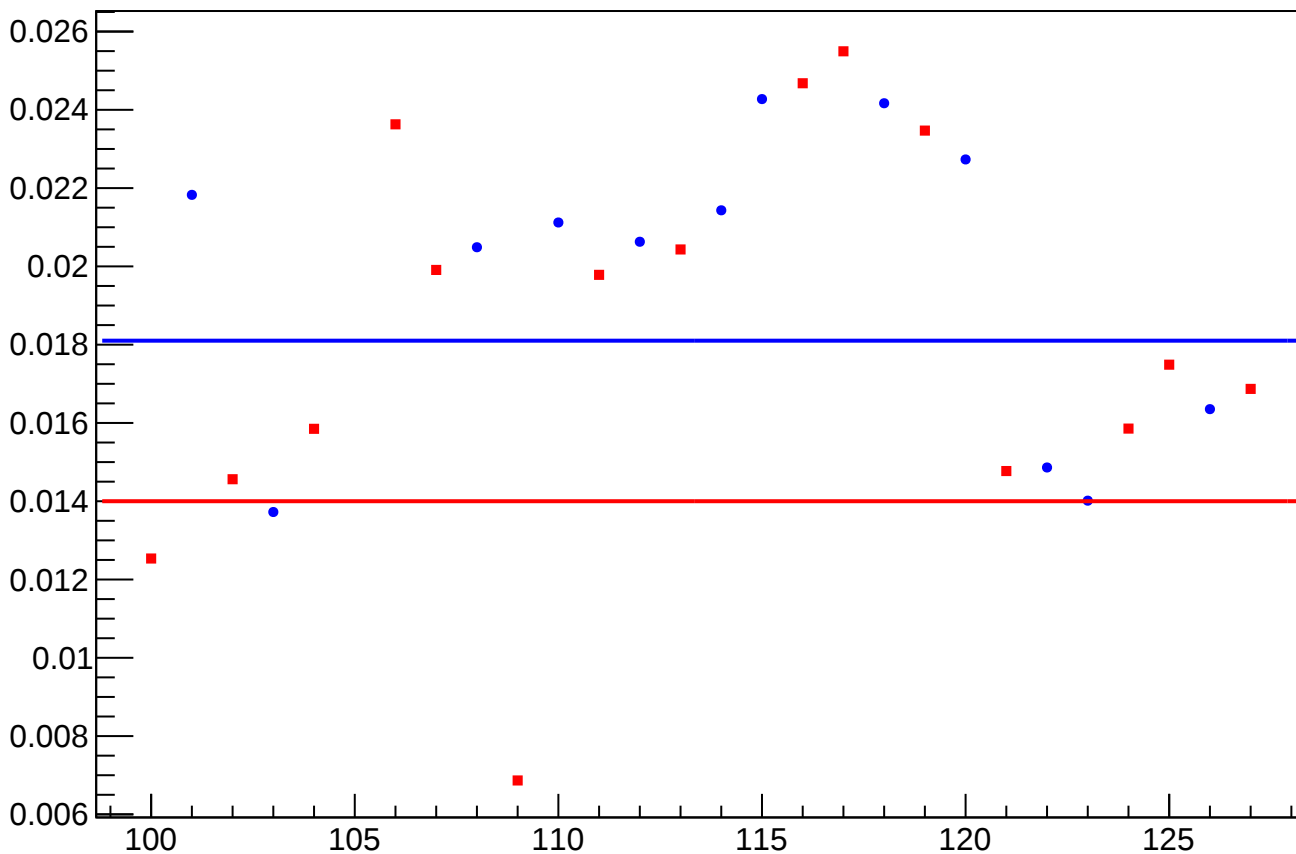
Right Out: 0.093+/-0.000 χ^2/NDF : 11772248902.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.199+/-0.000 χ^2/NDF : 4448835126.8/11

0.093+/-0.000 χ^2/NDF : 11772248902.0/14

yield_bpm11Y_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 335547.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

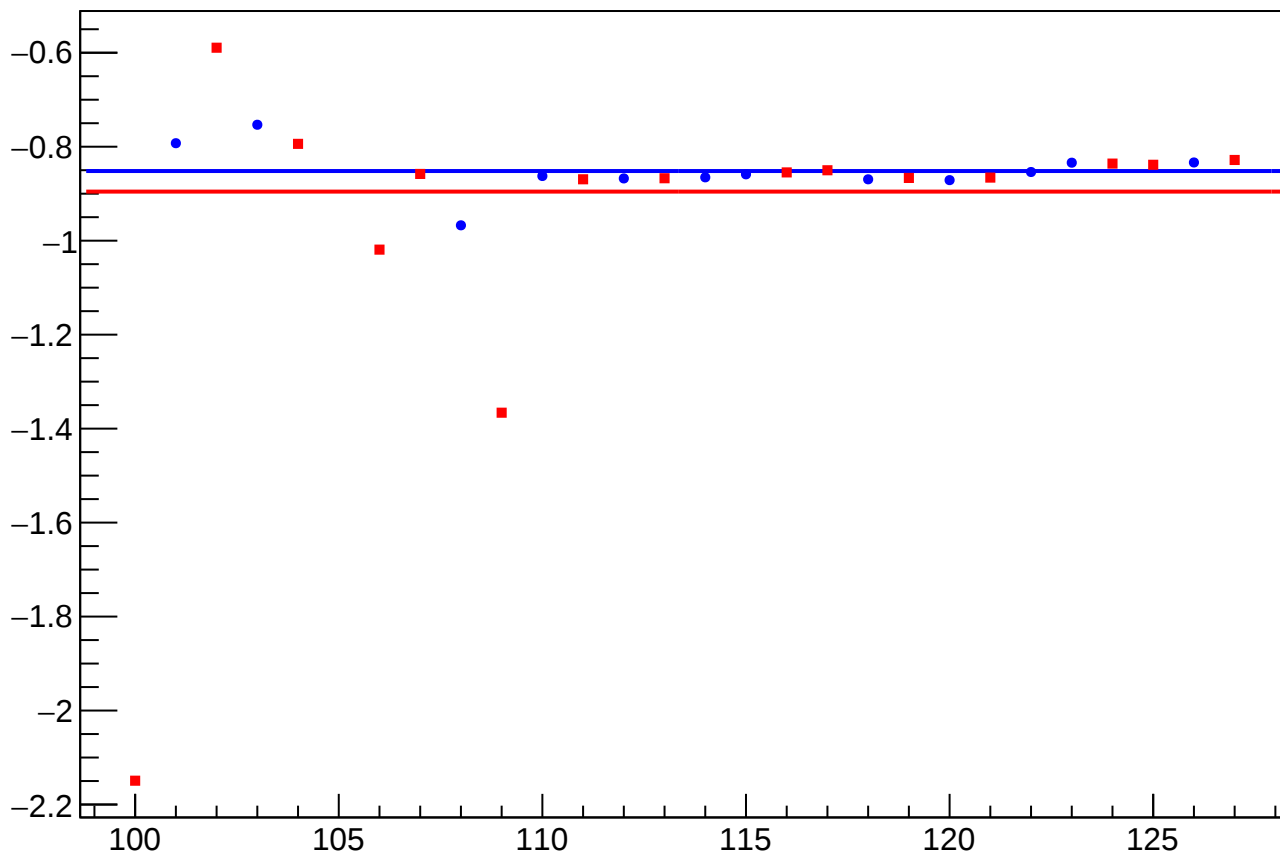
Right Out: 0.014+/-0.000 χ^2/NDF : 1318973.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 335547.3/11

0.014+/-0.000 χ^2/NDF : 1318973.9/14

yield_bpm12X_mean vs Slug



Right In: -0.852+/-0.000 χ^2 /NDF: 6403688.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

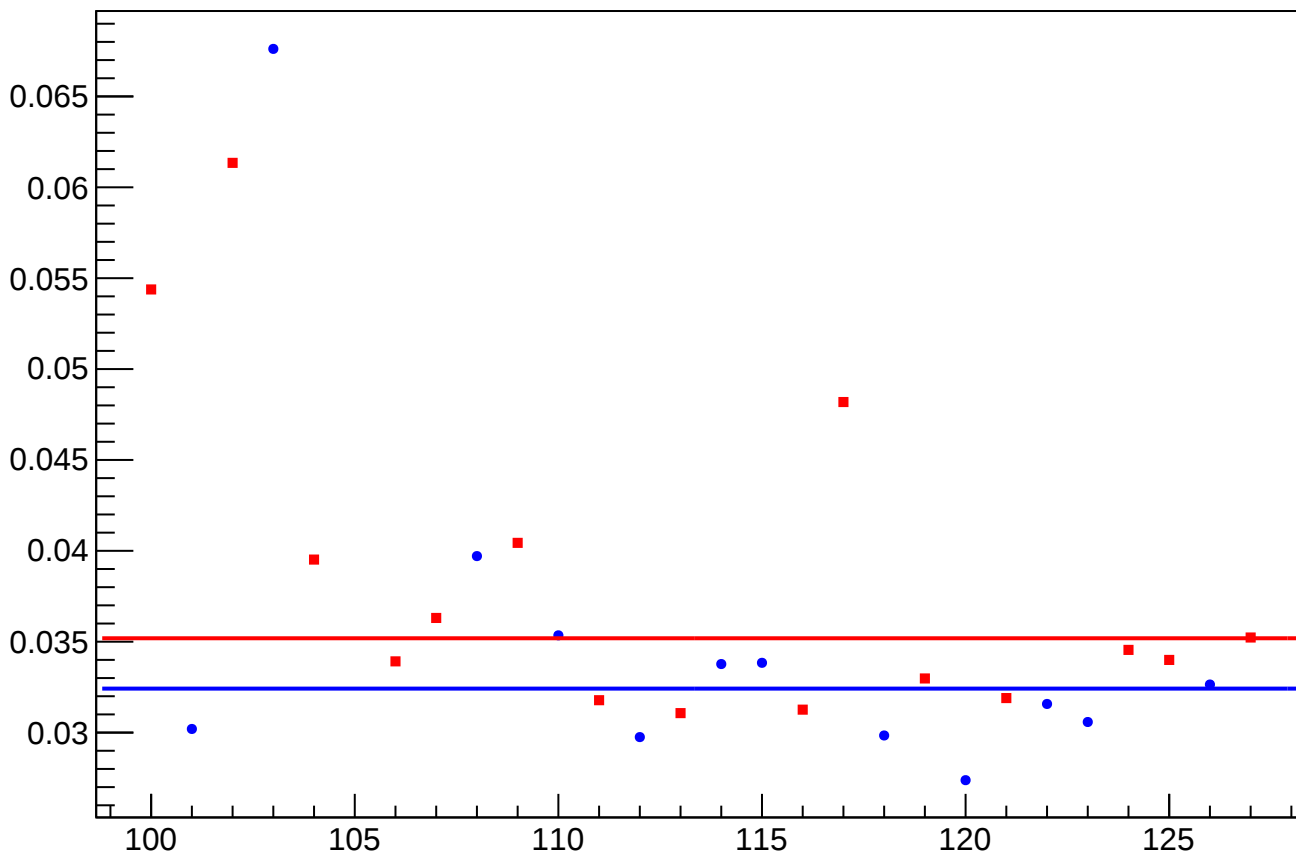
Right Out: -0.896+/-0.000 χ^2 /NDF: 112457009.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.852+/-0.000 χ^2 /NDF: 6403688.8/11

-0.896+/-0.000 χ^2 /NDF: 112457009.7/14

yield_bpm12X_rms vs Slug



Right In: 0.032+/-0.000 χ^2/NDF : 344393.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

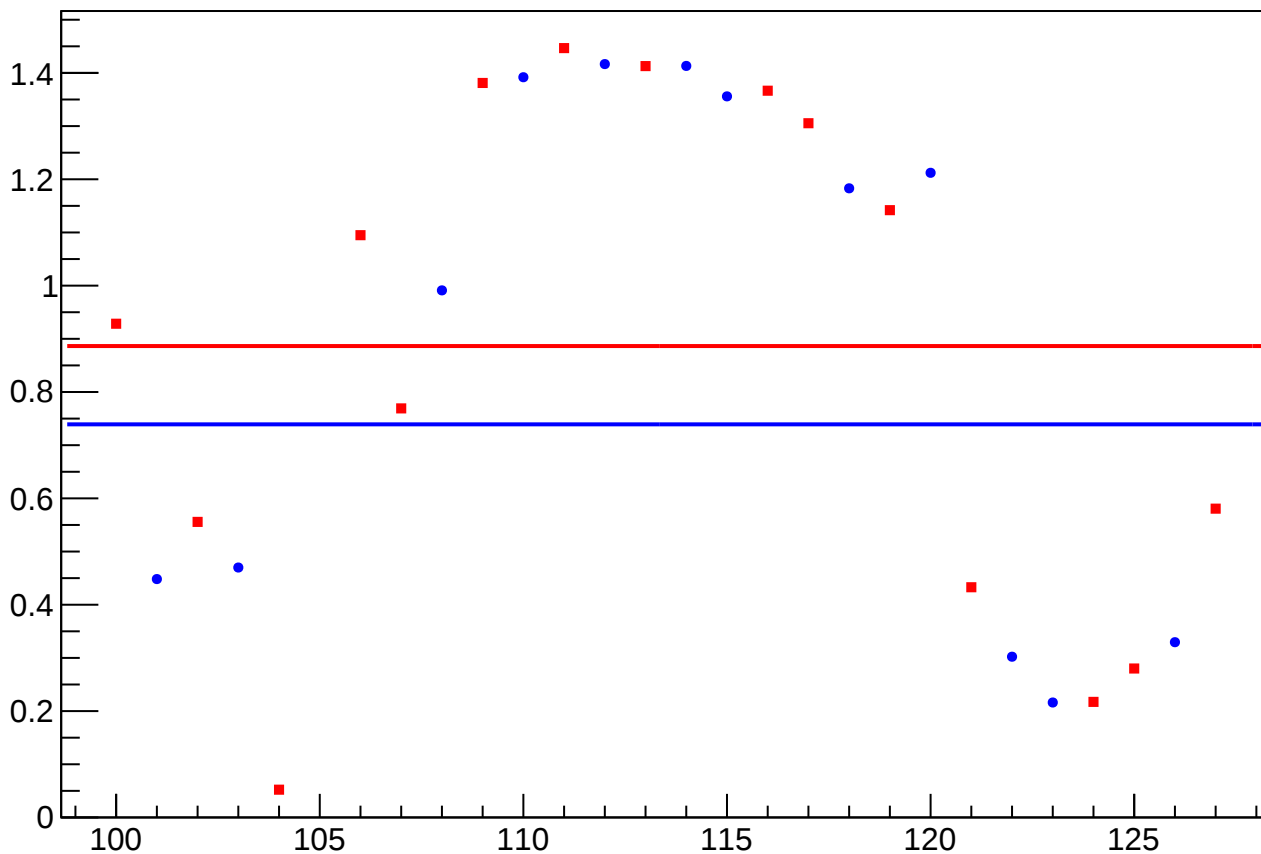
Right Out: 0.035+/-0.000 χ^2/NDF : 262613.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.032+/-0.000 χ^2/NDF : 344393.1/11

0.035+/-0.000 χ^2/NDF : 262613.3/14

yield_bpm12Y_mean vs Slug



Right In: 0.739+/-0.000 χ^2/NDF : 4983630702.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

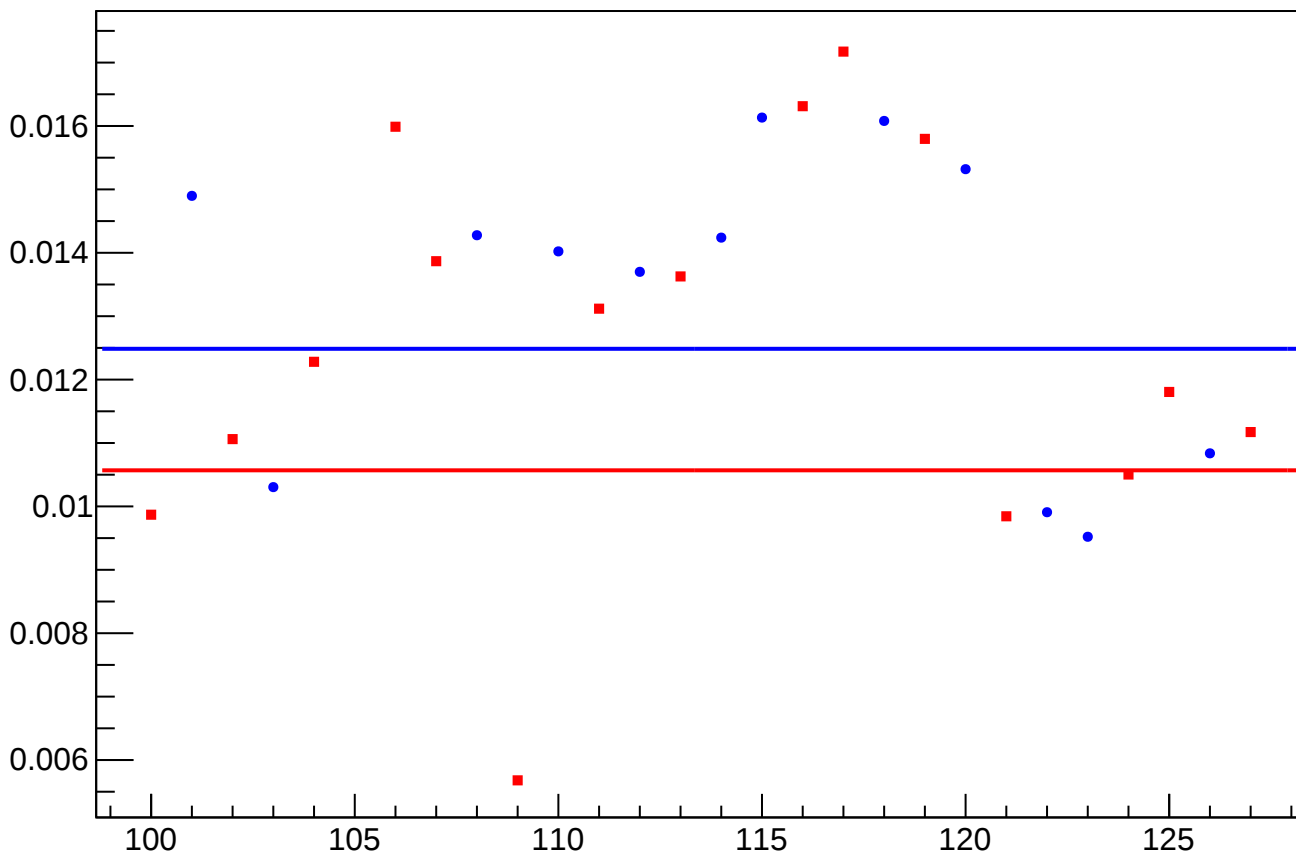
Right Out: 0.886+/-0.000 χ^2/NDF : 9183053037.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.739+/-0.000 χ^2/NDF : 4983630702.7/11

0.886+/-0.000 χ^2/NDF : 9183053037.9/14

yield_bpm12Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 262672.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

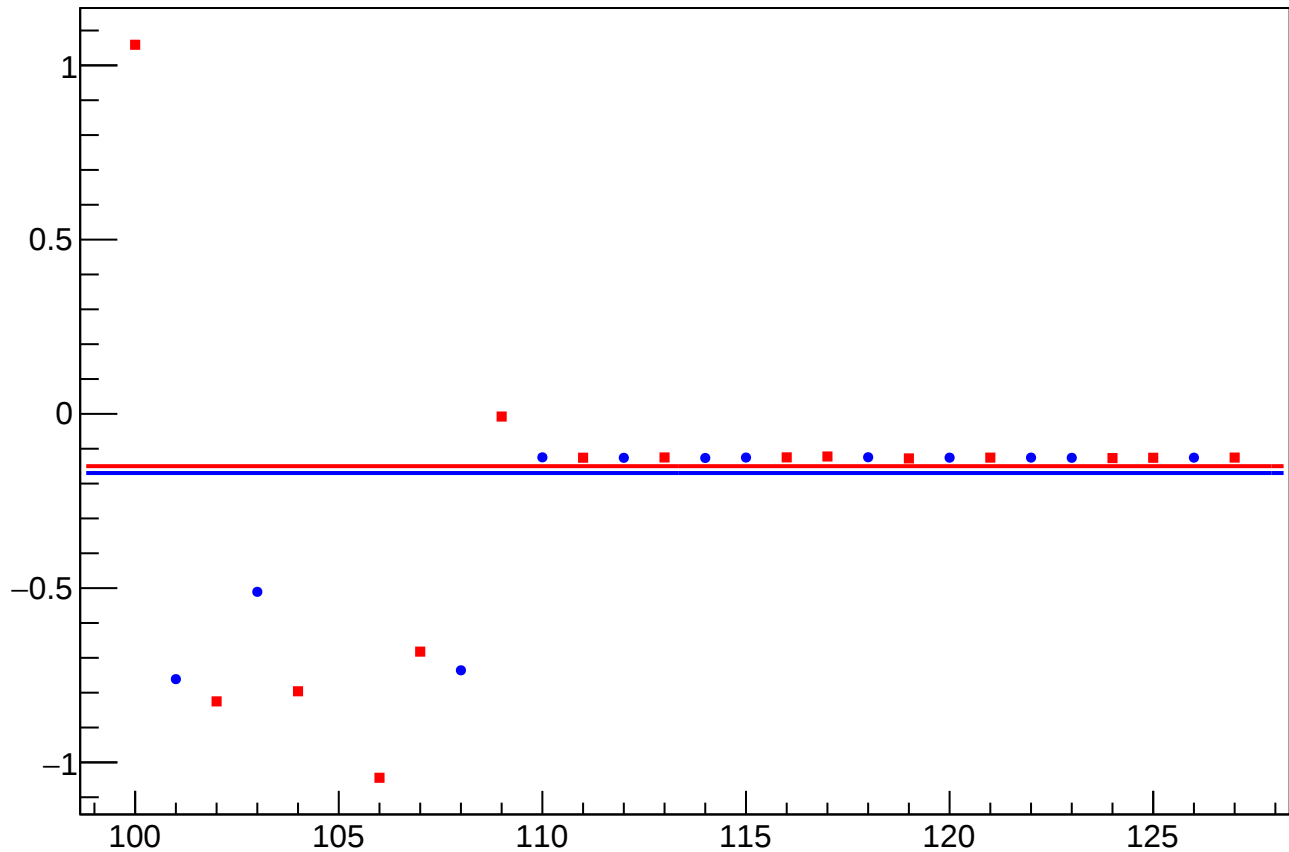
Right Out: 0.011+/-0.000 χ^2/NDF : 849916.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 262672.3/11

0.011+/-0.000 χ^2/NDF : 849916.7/14

yield_bpm16X_mean vs Slug



Right In: -0.170+/-0.000 χ^2/NDF : 358770537.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

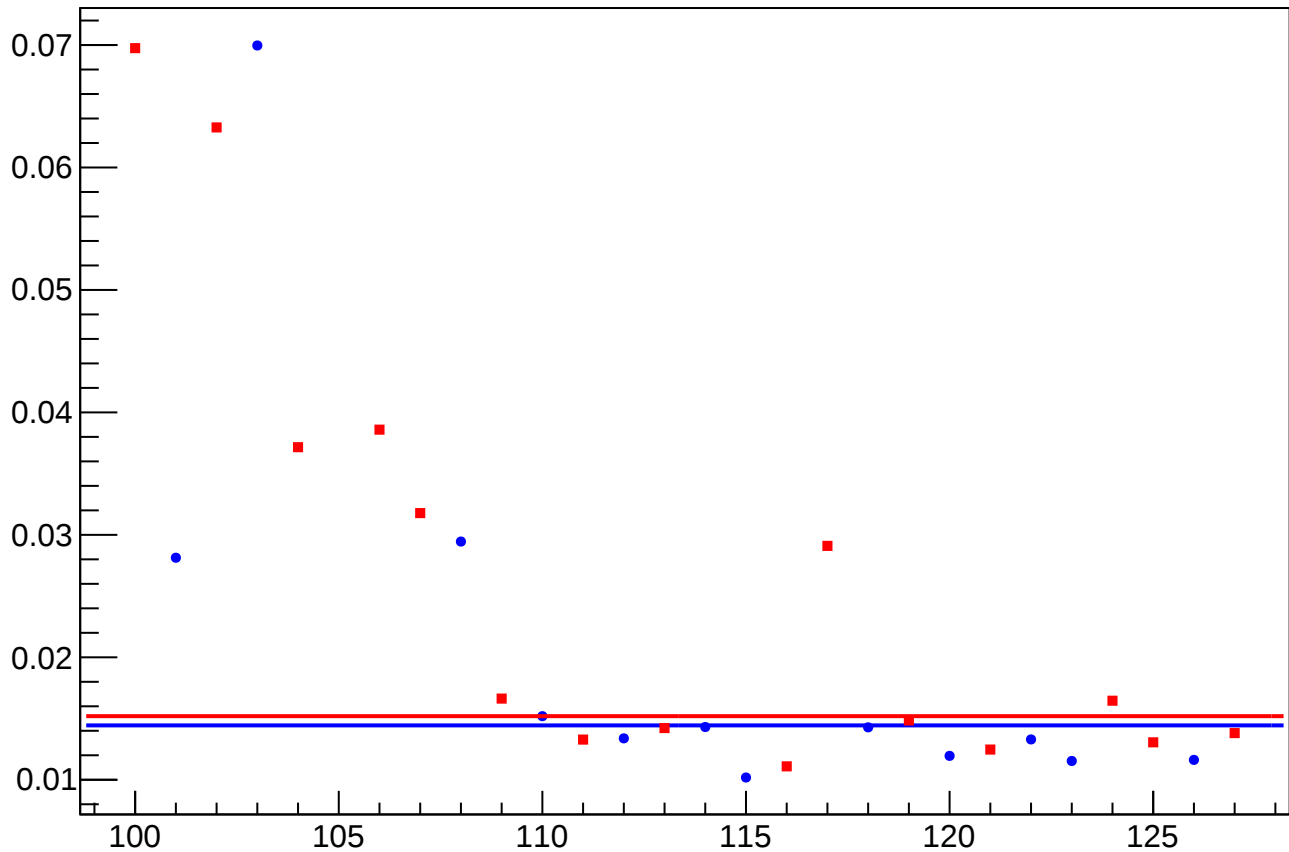
Right Out: -0.150+/-0.000 χ^2/NDF : 422423954.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.170+/-0.000 χ^2/NDF : 358770537.8/11

-0.150+/-0.000 χ^2/NDF : 422423954.2/14

yield_bpm16X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1172822.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

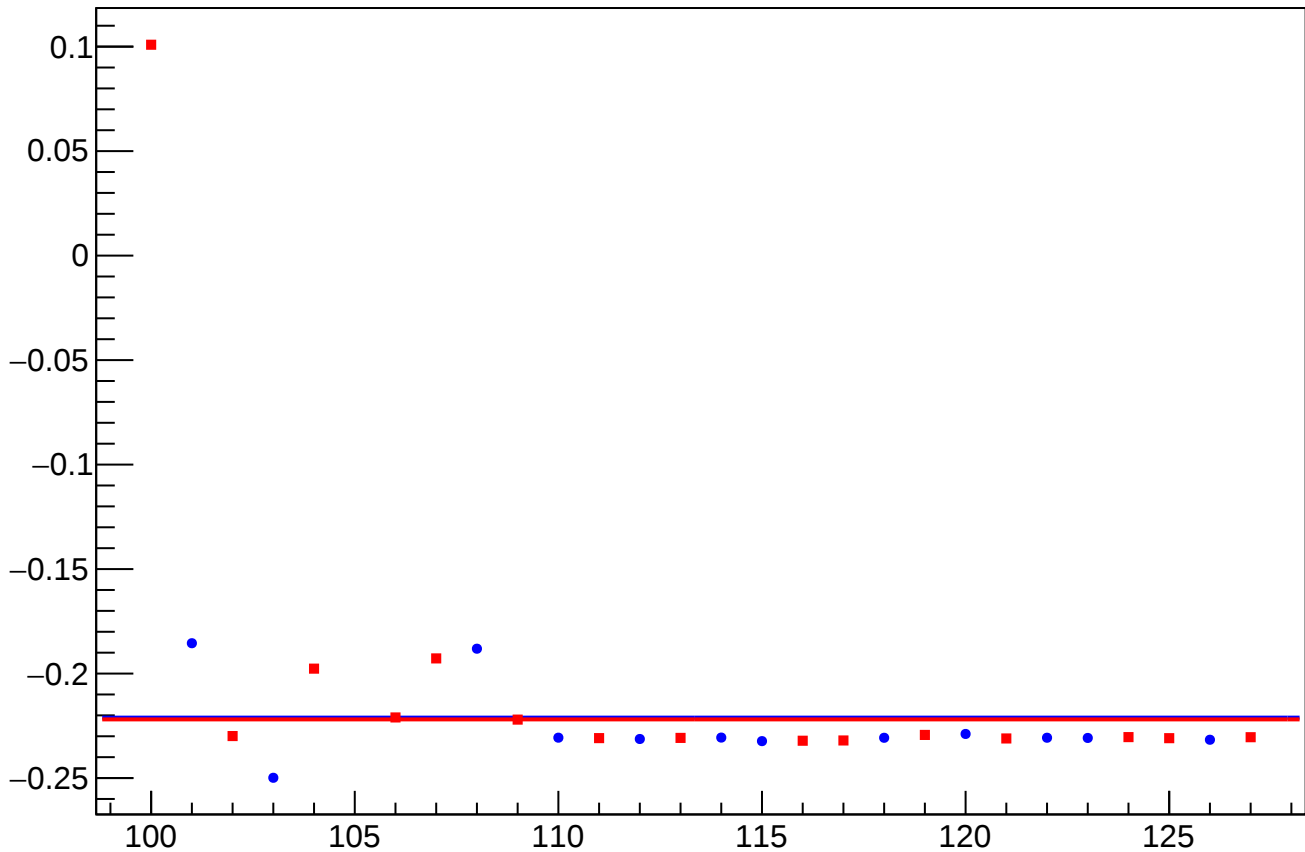
Right Out: 0.015+/-0.000 χ^2/NDF : 1356822.4/14

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 : 1356822.4/14

yield_bpm16Y_mean vs Slug



Right In: -0.221+/-0.000 χ^2/NDF : 70594647.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

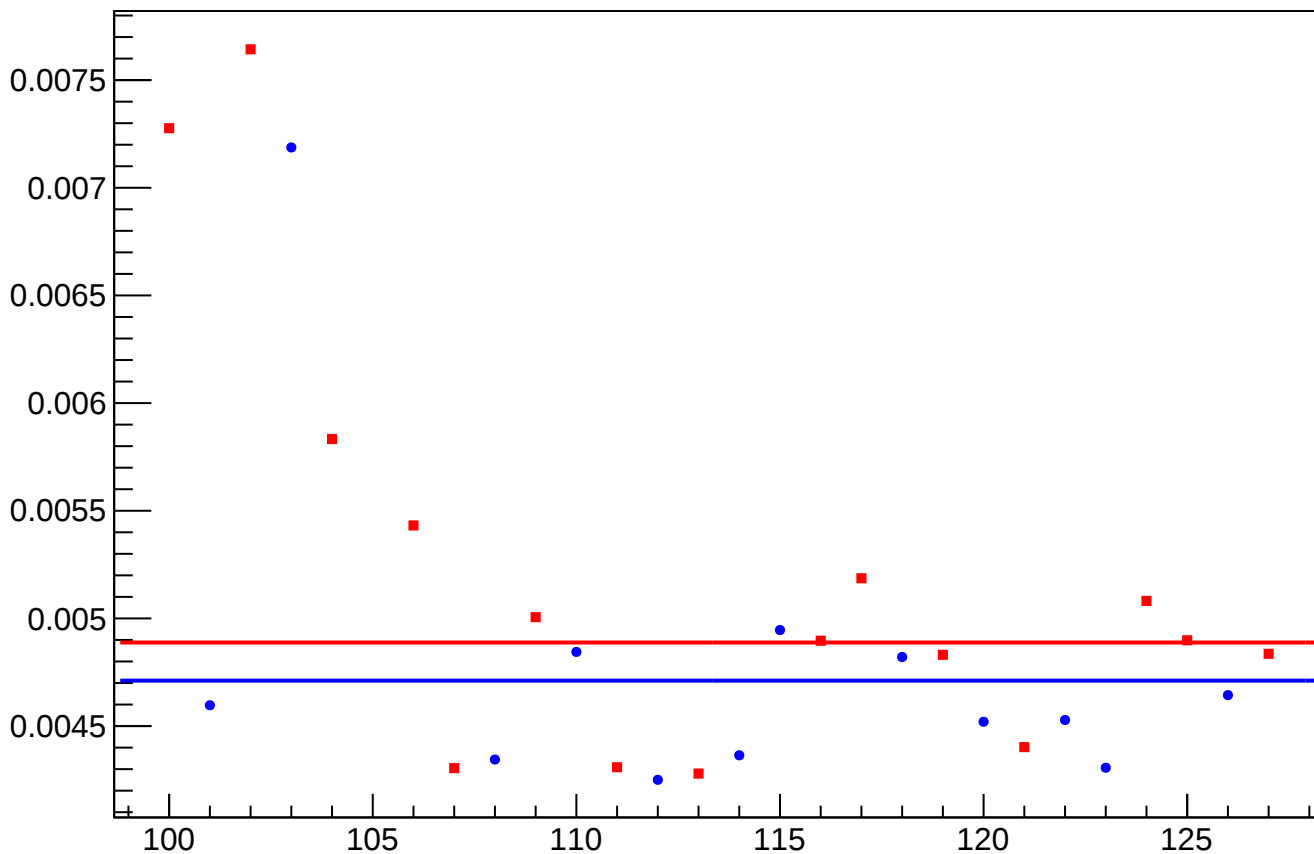
-0.221+/-0.000 χ^2/NDF : 70594647.5/11

Right Out: -0.222+/-0.000 χ^2/NDF : 165861749.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.222+/-0.000 χ^2/NDF : 165861749.0/14

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 146797.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

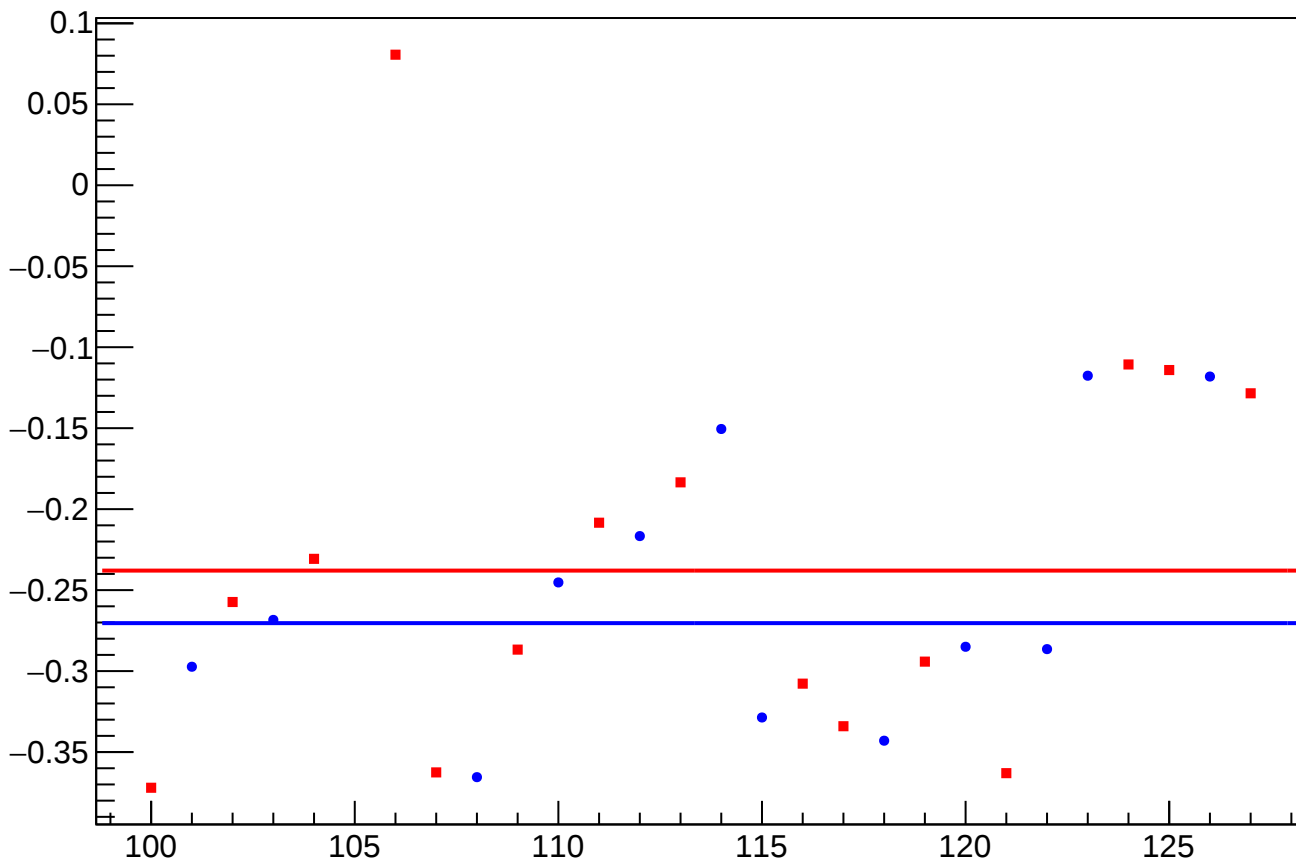
Right Out: 0.005+/-0.000 χ^2/NDF : 226544.2/14

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 : 226544.2/14

yield_bpm0i02X_mean vs Slug



Right In: -0.270+/-0.000 χ^2/NDF : 464758777.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

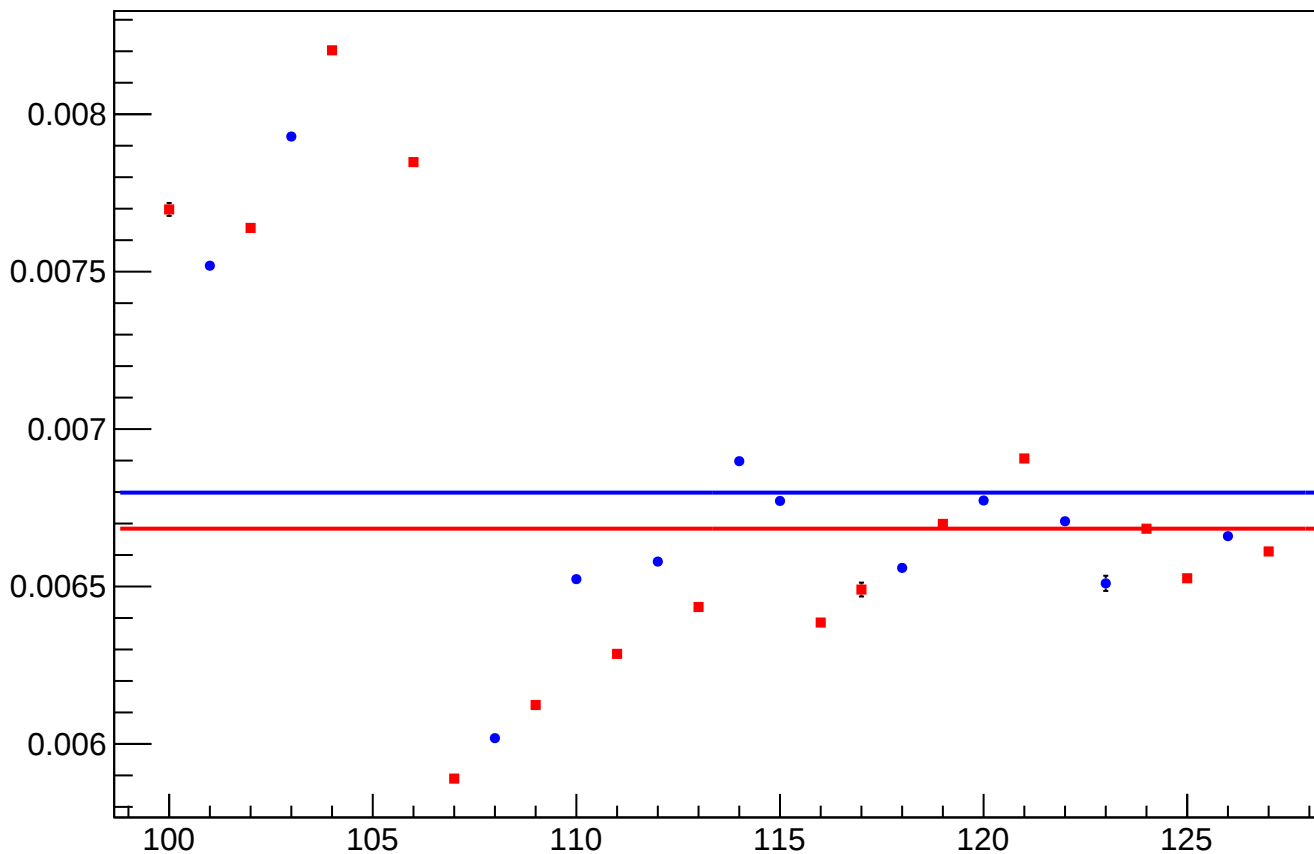
Right Out: -0.238+/-0.000 χ^2/NDF : 1060649902.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.270+/-0.000 χ^2/NDF : 464758777.1/11

-0.238+/-0.000 χ^2/NDF : 1060649902.4/14

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 50448.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

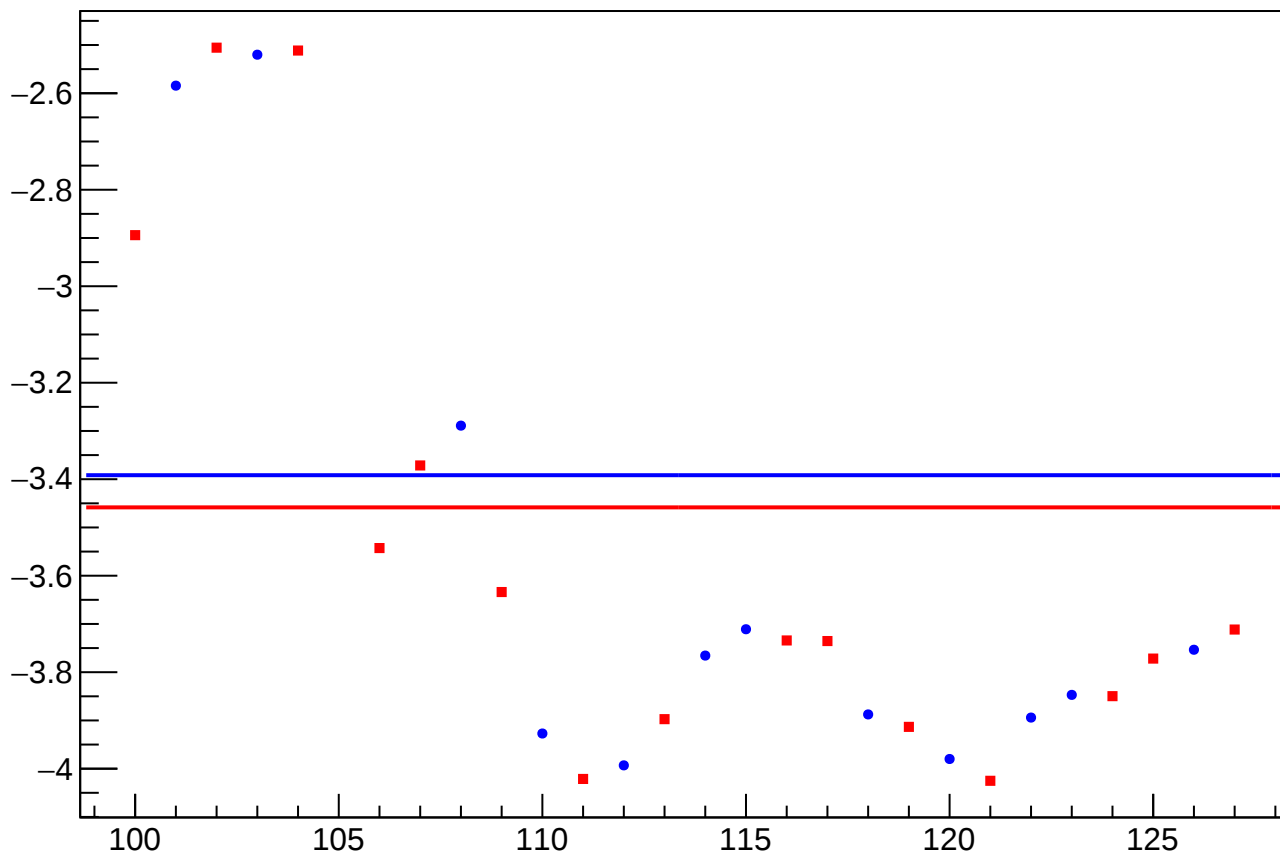
Right Out: 0.007+/-0.000 χ^2/NDF : 89193.5/14

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 : 89193.5/14

yield_bpm0i02Y_mean vs Slug



Right In: -3.392+/-0.000 χ^2/NDF : 25391190550.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

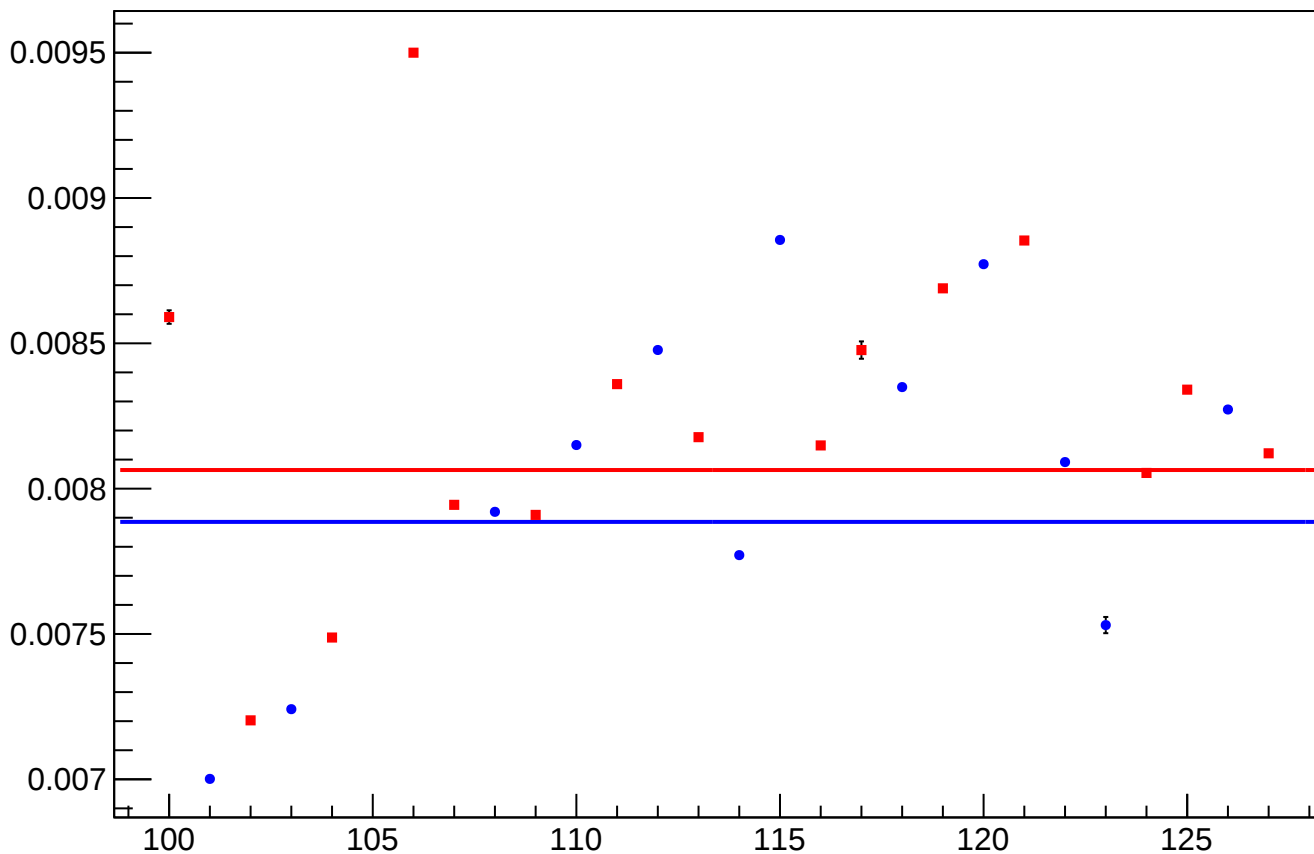
Right Out: -3.458+/-0.000 χ^2/NDF : 25057411490.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.392+/-0.000 χ^2/NDF : 25391190550.0/11

-3.458+/-0.000 χ^2/NDF : 25057411490.1/14

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 47395.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

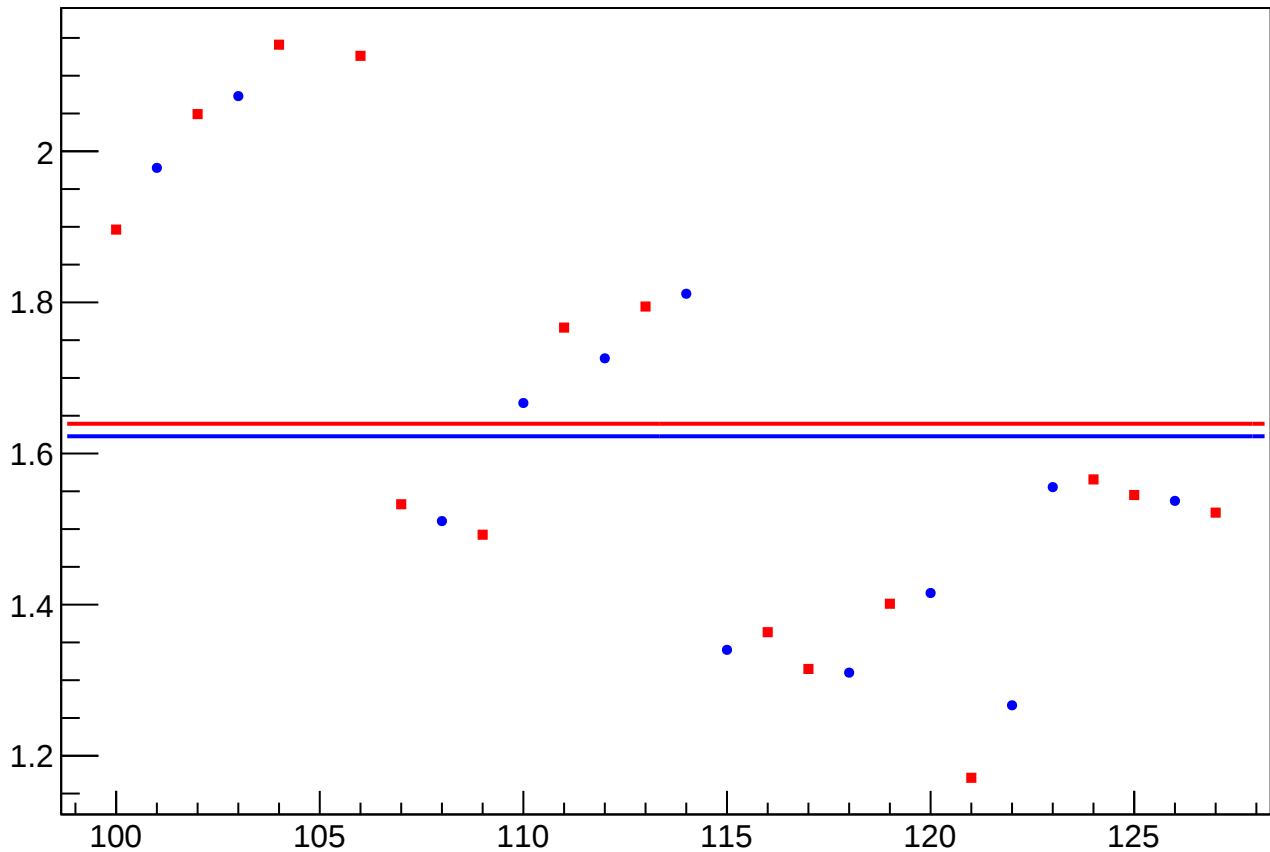
Right Out: 0.008+/-0.000 χ^2/NDF : 41895.8/14

Left In: 0.000+/-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 : 41895.8/14

yield_bpm0i02aX_mean vs Slug



Right In: 1.623+/-0.000 χ^2/NDF : 1961853087.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

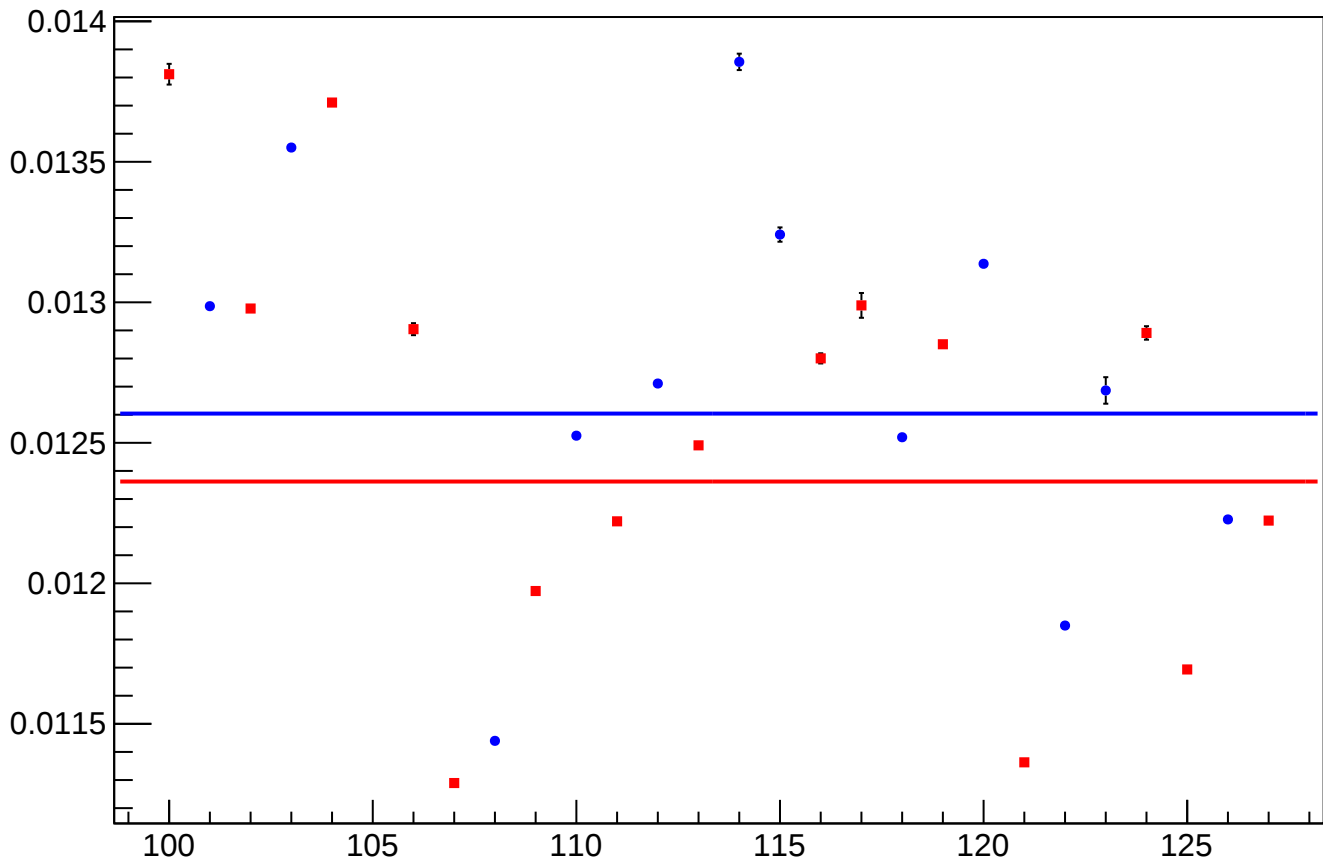
Right Out: 1.639+/-0.000 χ^2/NDF : 2717450000.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.623+/-0.000 χ^2/NDF : 1961853087.6/11

1.639+/-0.000 χ^2/NDF : 2717450000.2/14

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 21845.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

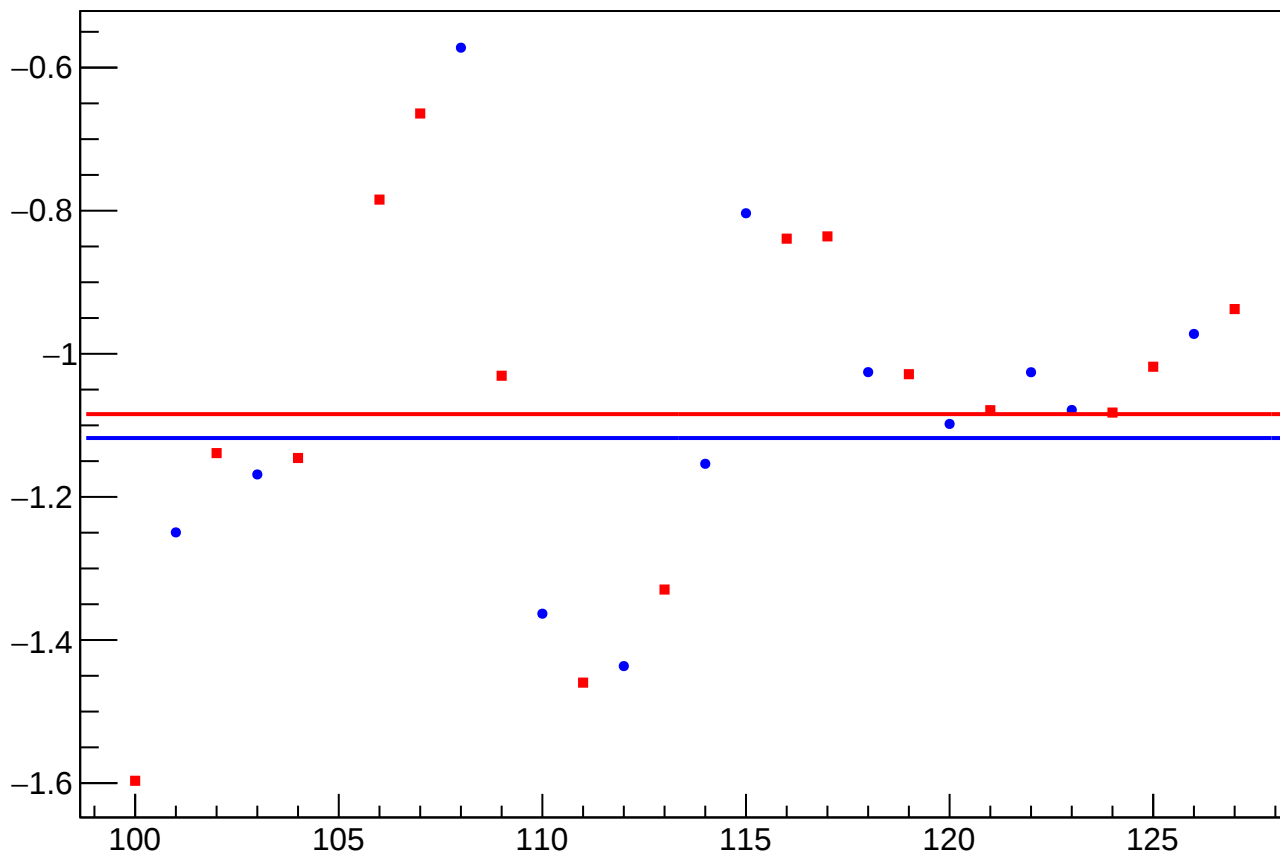
Right Out: 0.012+/-0.000 χ^2/NDF : 32547.9/14

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 : 32547.9/14

yield_bpm0i02aY_mean vs Slug



Right In: -1.118+/-0.000 χ^2/NDF : 2405971146.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

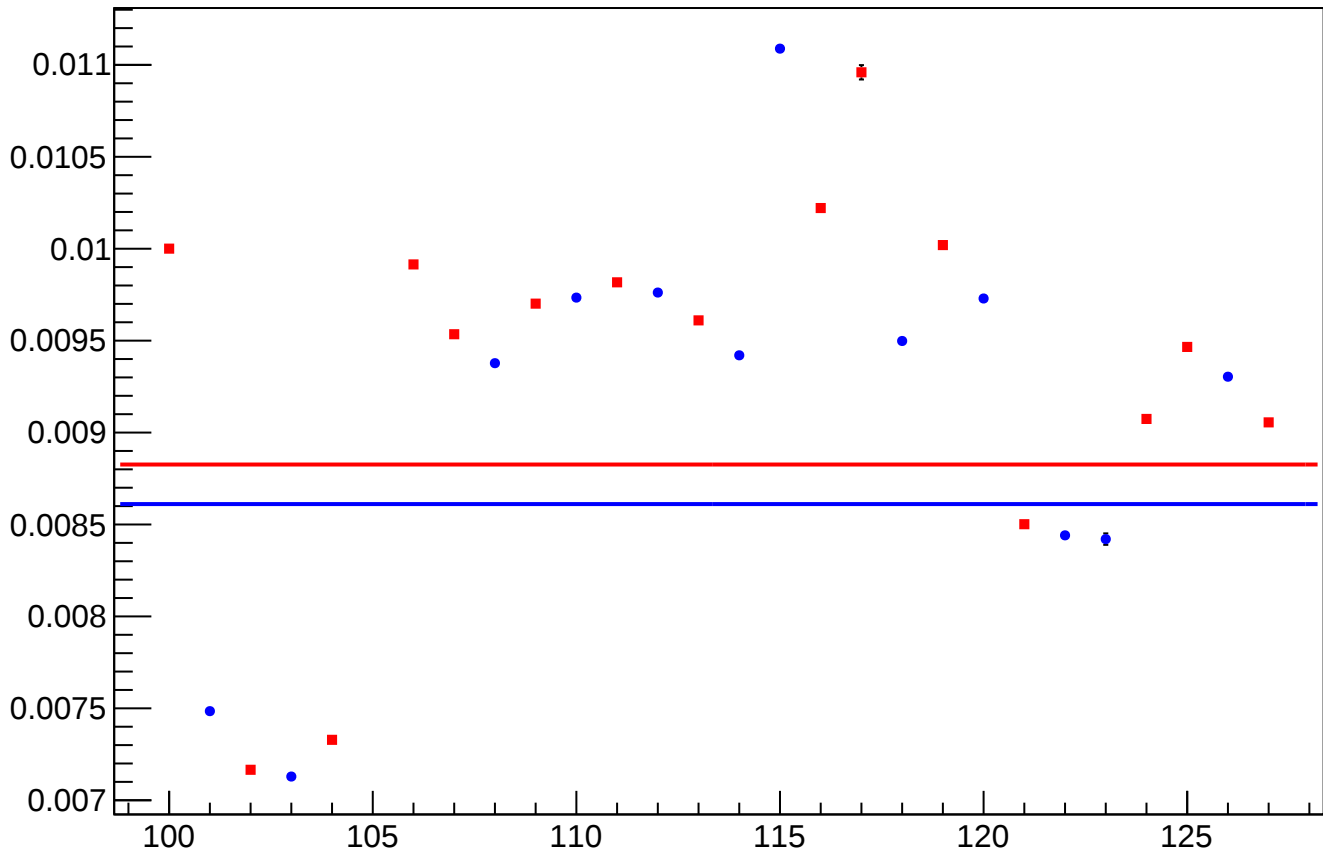
Right Out: -1.084+/-0.000 χ^2/NDF : 2230370288.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.118+/-0.000 χ^2/NDF : 2405971146.6/11

-1.084+/-0.000 χ^2/NDF : 2230370288.2/14

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 134753.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

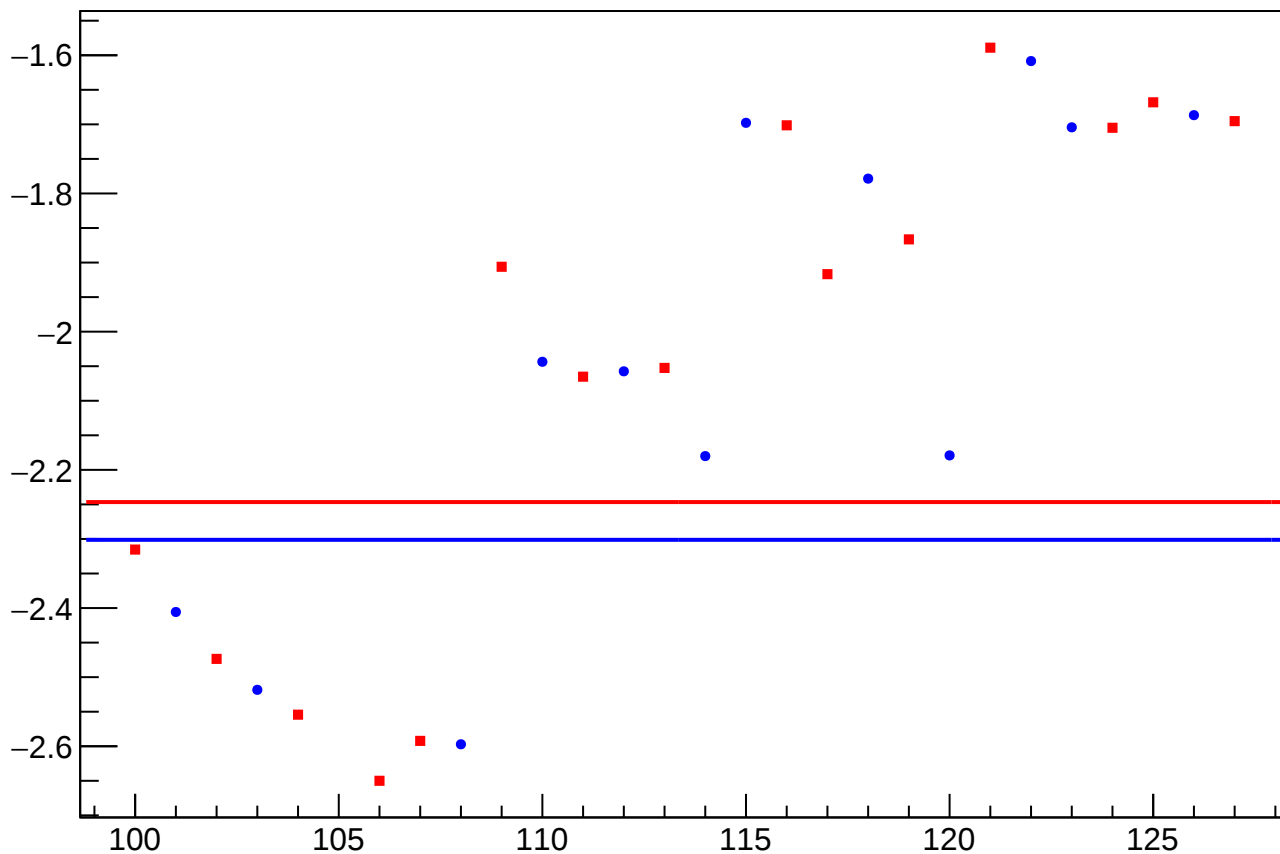
Right Out: 0.009+/-0.000 χ^2/NDF : 156363.6/14

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 : 156363.6/14

yield_bpm0i05X_mean vs Slug



Right In: -2.301+/-0.000 χ^2/NDF : 6714174022.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

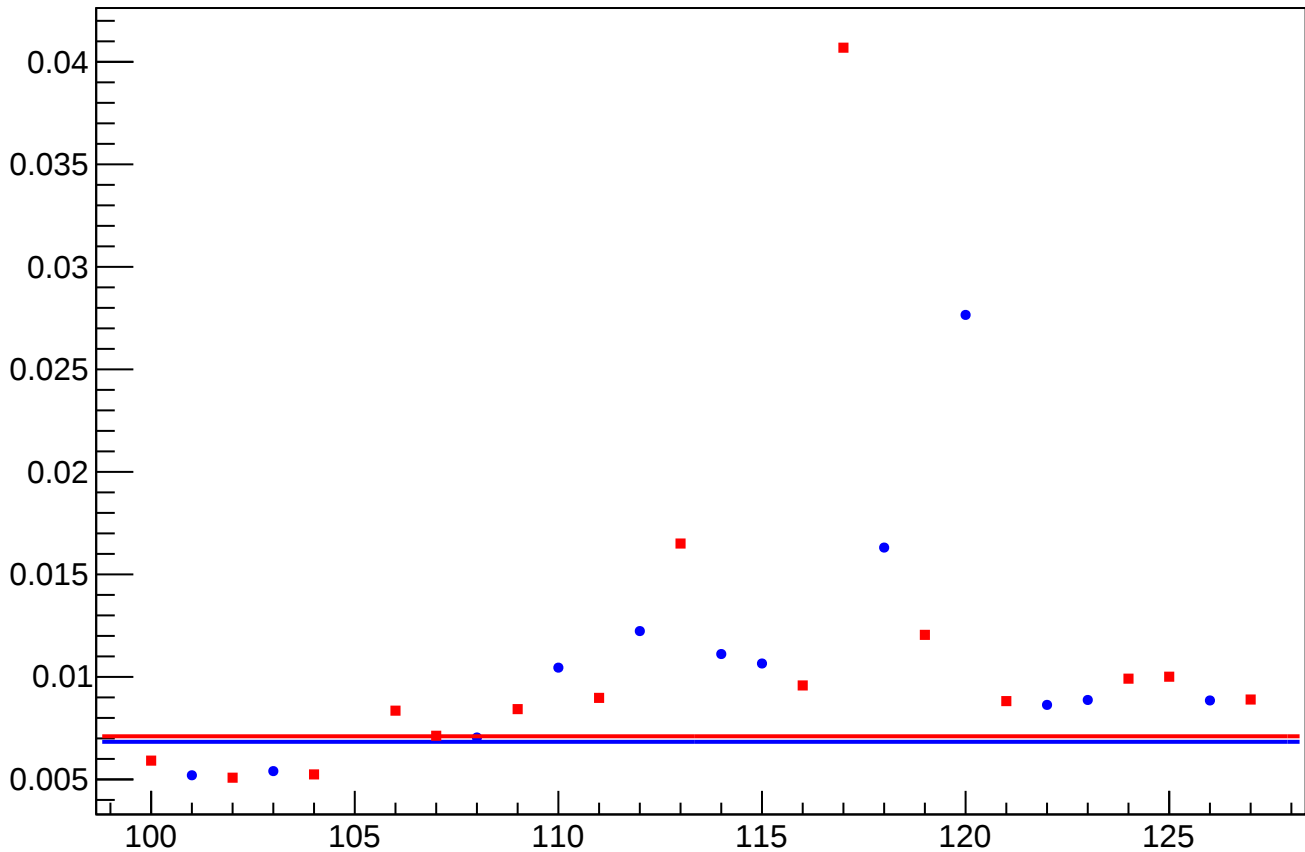
Right Out: -2.247+/-0.000 χ^2/NDF : 10639701996.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.301+/-0.000 χ^2/NDF : 6714174022.5/11

-2.247+/-0.000 χ^2/NDF : 10639701996.2/14

yield_bpm0i05X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 960406.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

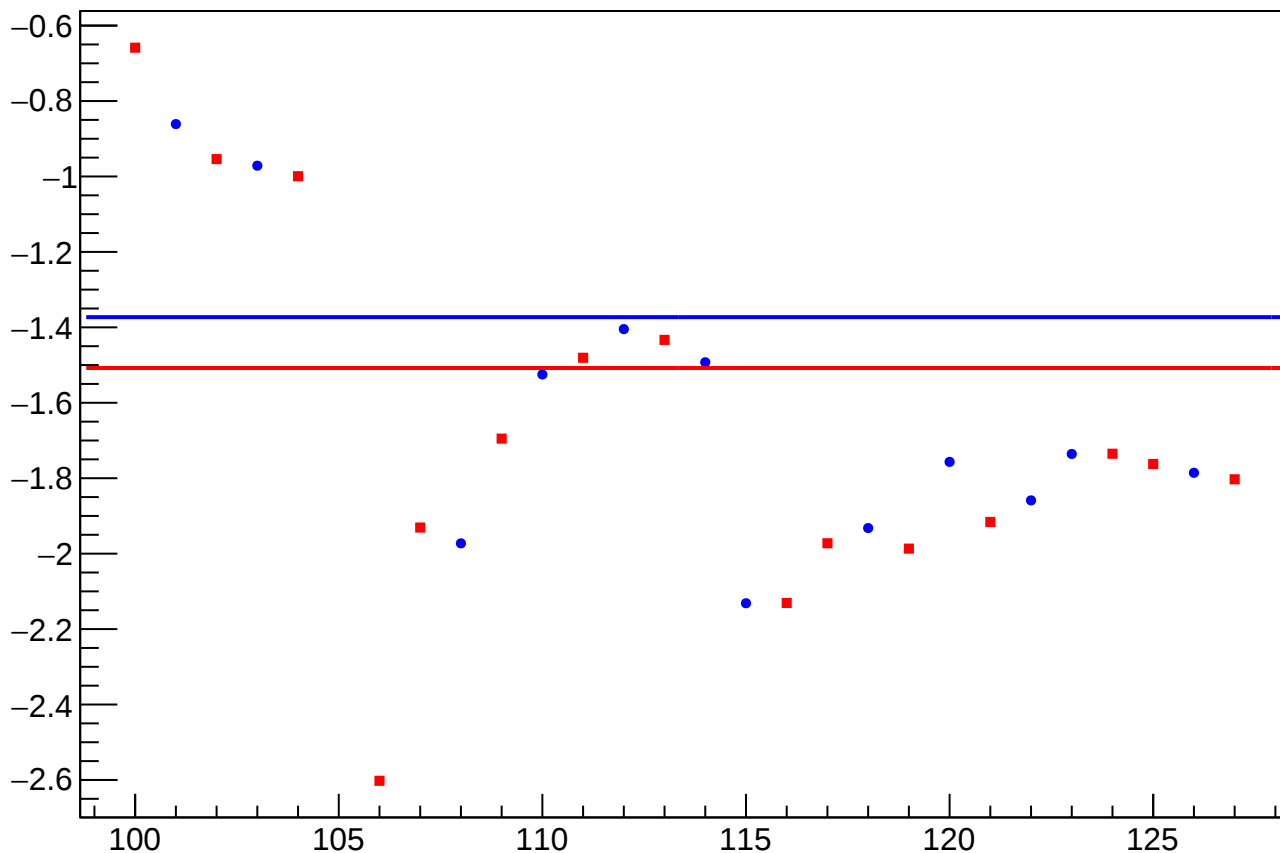
Right Out: 0.007+/-0.000 χ^2/NDF : 835371.4/14

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 : 835371.4/14

yield_bpm0i05Y_mean vs Slug



Right In: -1.373+/-0.000 χ^2/NDF : 16849461150.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

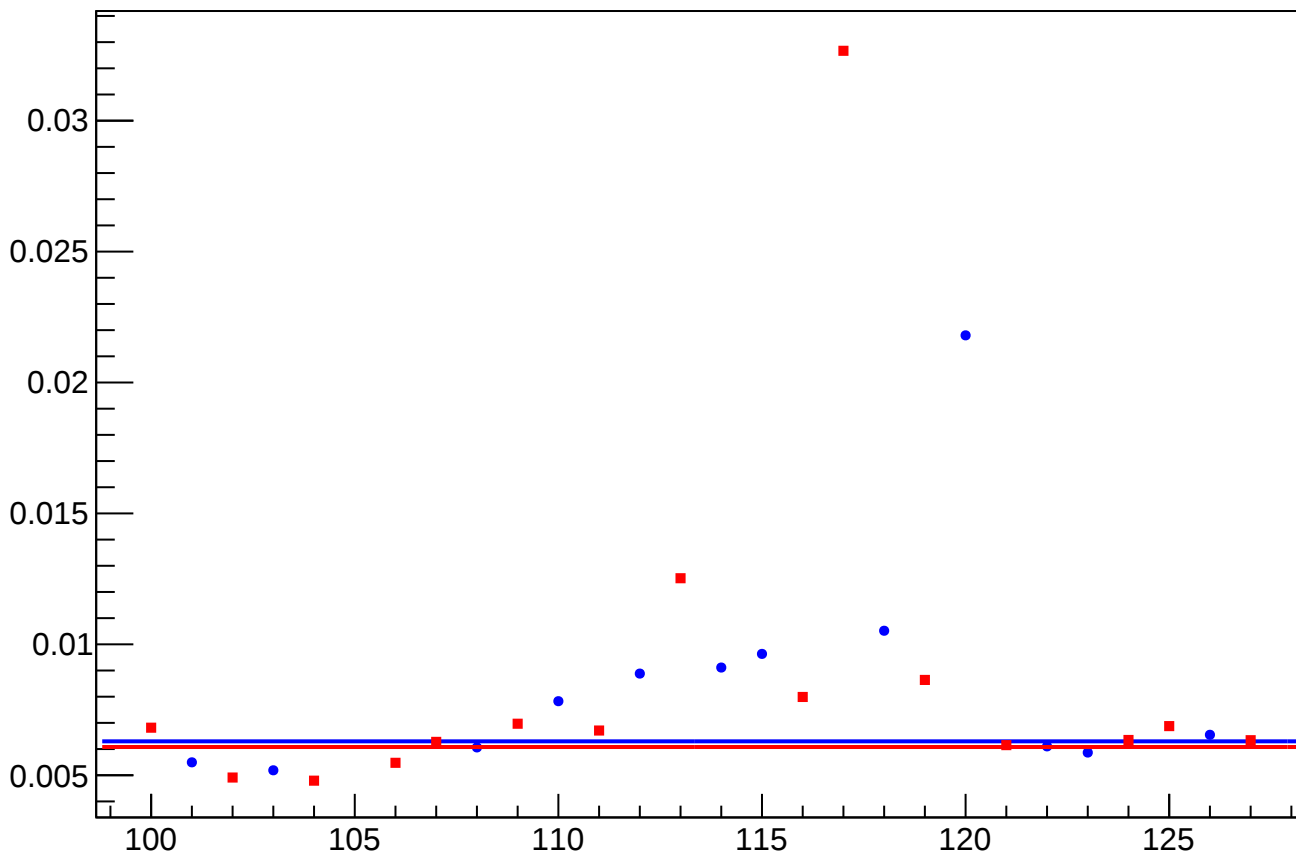
Right Out: -1.508+/-0.000 χ^2/NDF : 24823138732.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.373+/-0.000 χ^2/NDF : 16849461150.5/11

-1.508+/-0.000 χ^2/NDF : 24823138732.5/14

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 520427.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

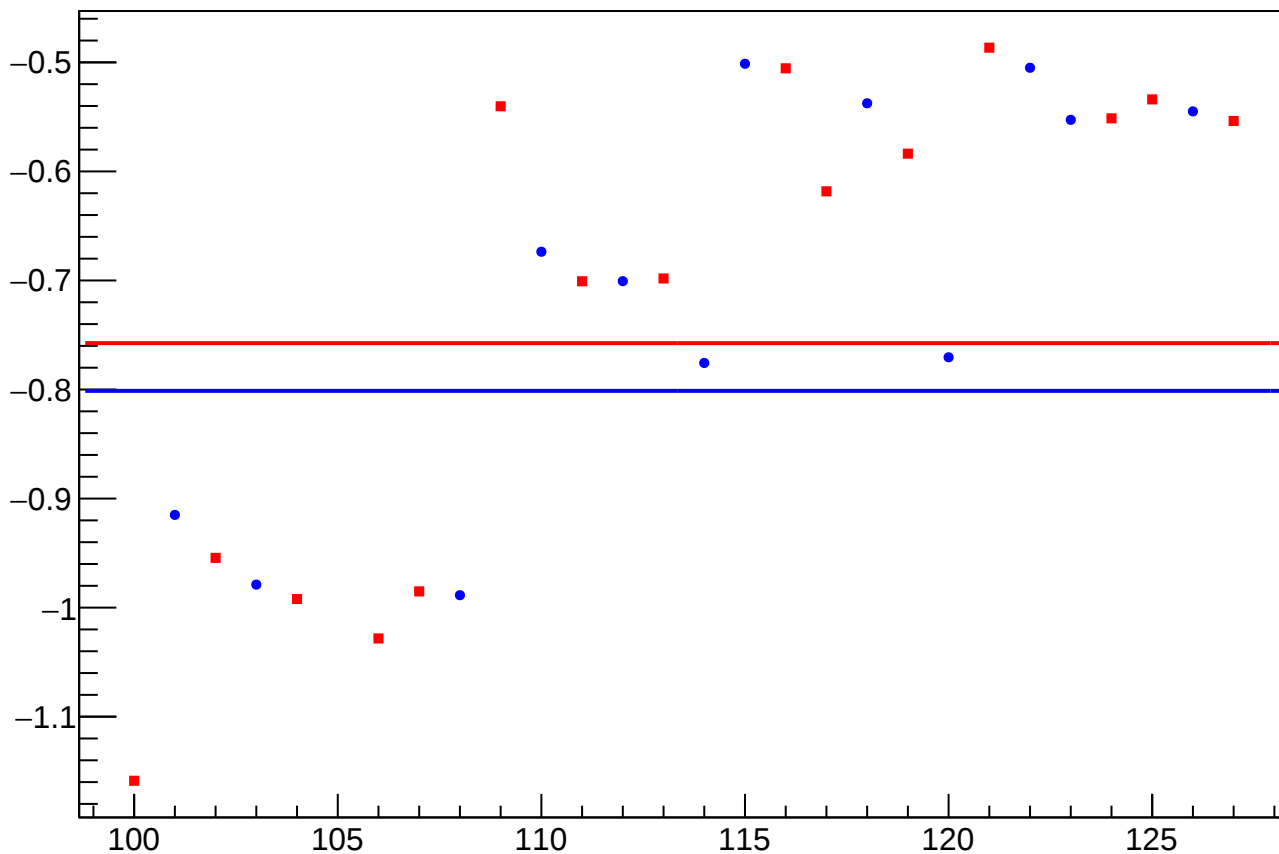
Right Out: 0.006+/-0.000 χ^2/NDF : 407273.1/14

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 : 407273.1/14

yield_bpm0i07X_mean vs Slug



Right In: -0.801+/-0.000 χ^2 /NDF: 4818053960.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

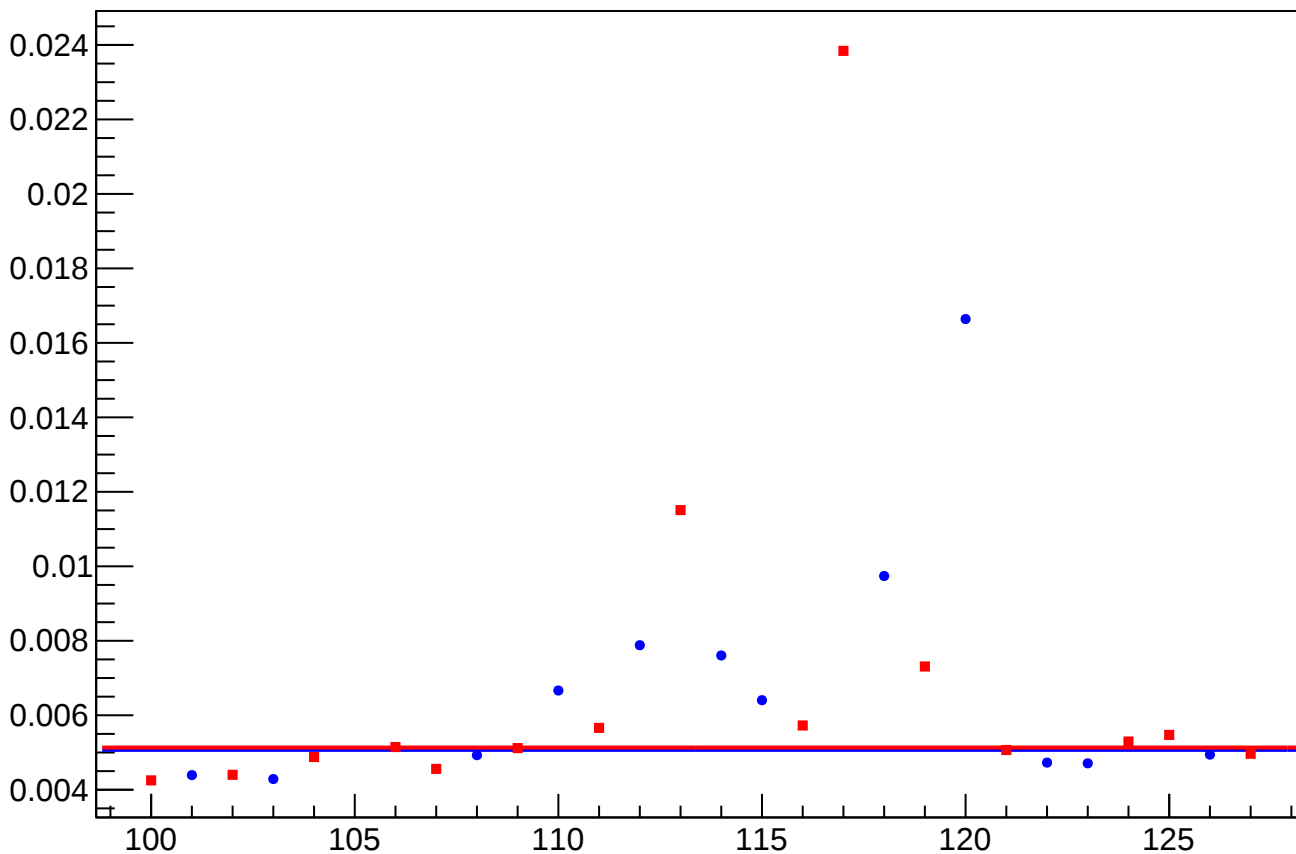
Right Out: -0.757+/-0.000 χ^2 /NDF: 7848954417.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.801+/-0.000 χ^2 /NDF: 4818053960.4/11

-0.757+/-0.000 χ^2 /NDF: 7848954417.9/14

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 588438.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

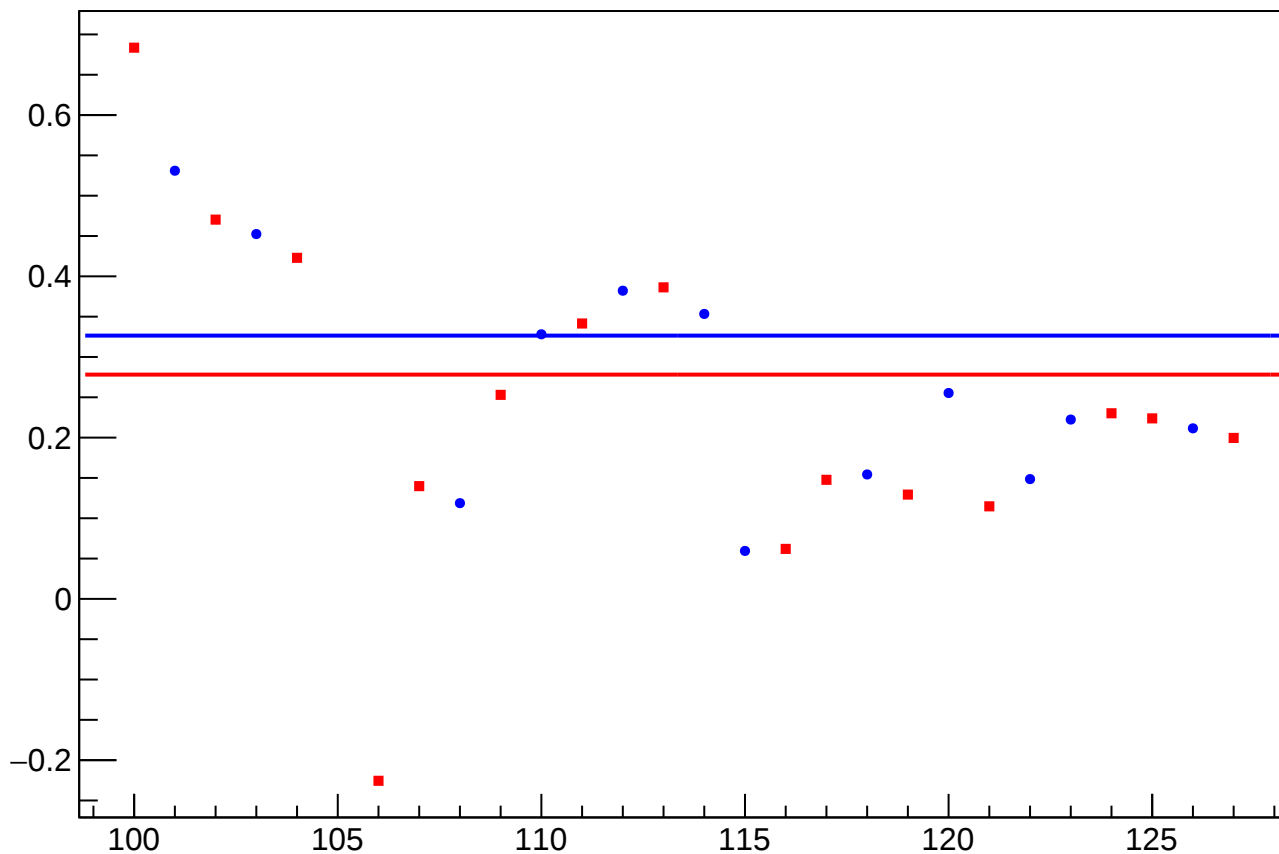
Right Out: 0.005+/-0.000 χ^2/NDF : 336320.0/14

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 : 336320.0/14

yield_bpm0i07Y_mean vs Slug



Right In: 0.326+/-0.000 χ^2/NDF : 5037710162.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

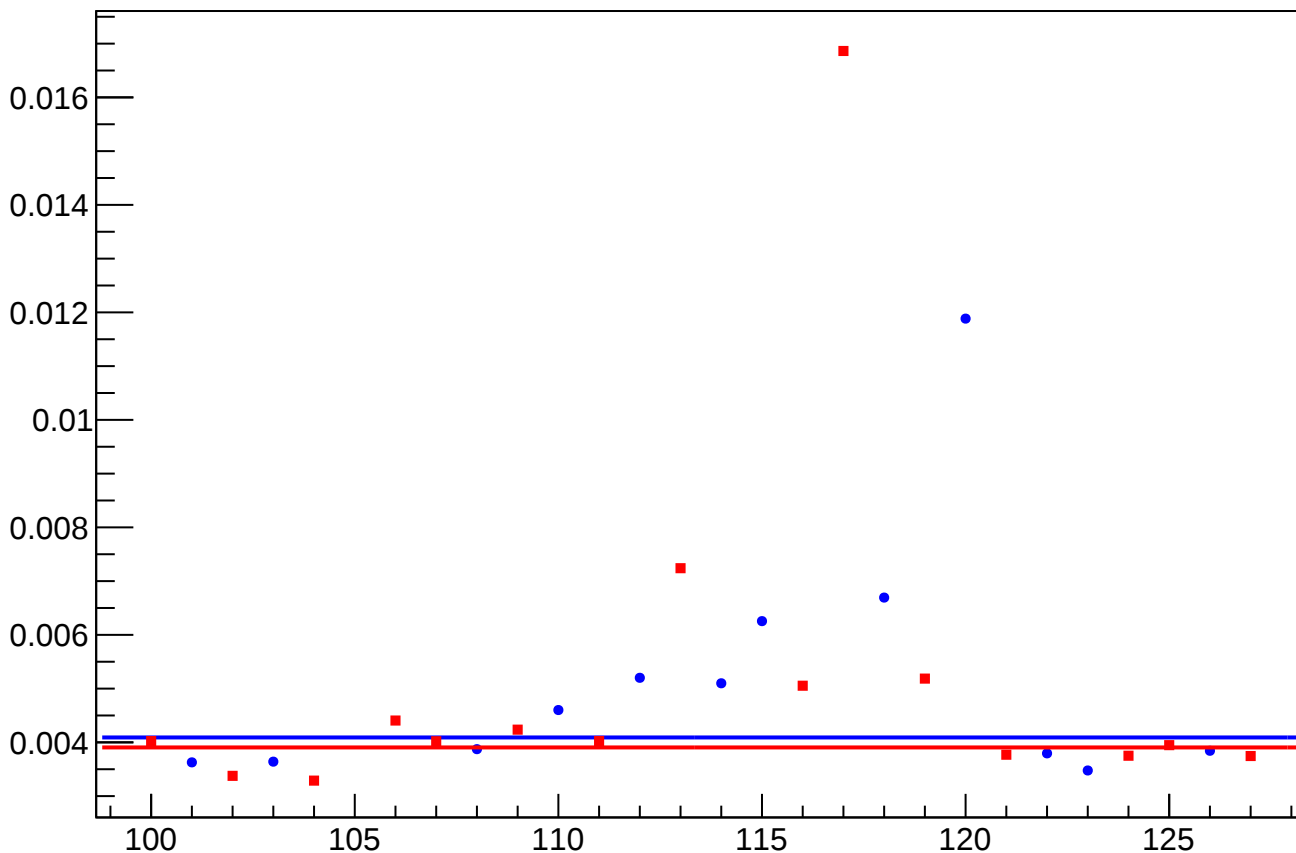
Right Out: 0.278+/-0.000 χ^2/NDF : 7172343280.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 5037710162.7/11

0.278+/-0.000 χ^2/NDF : 7172343280.7/14

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 433504.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

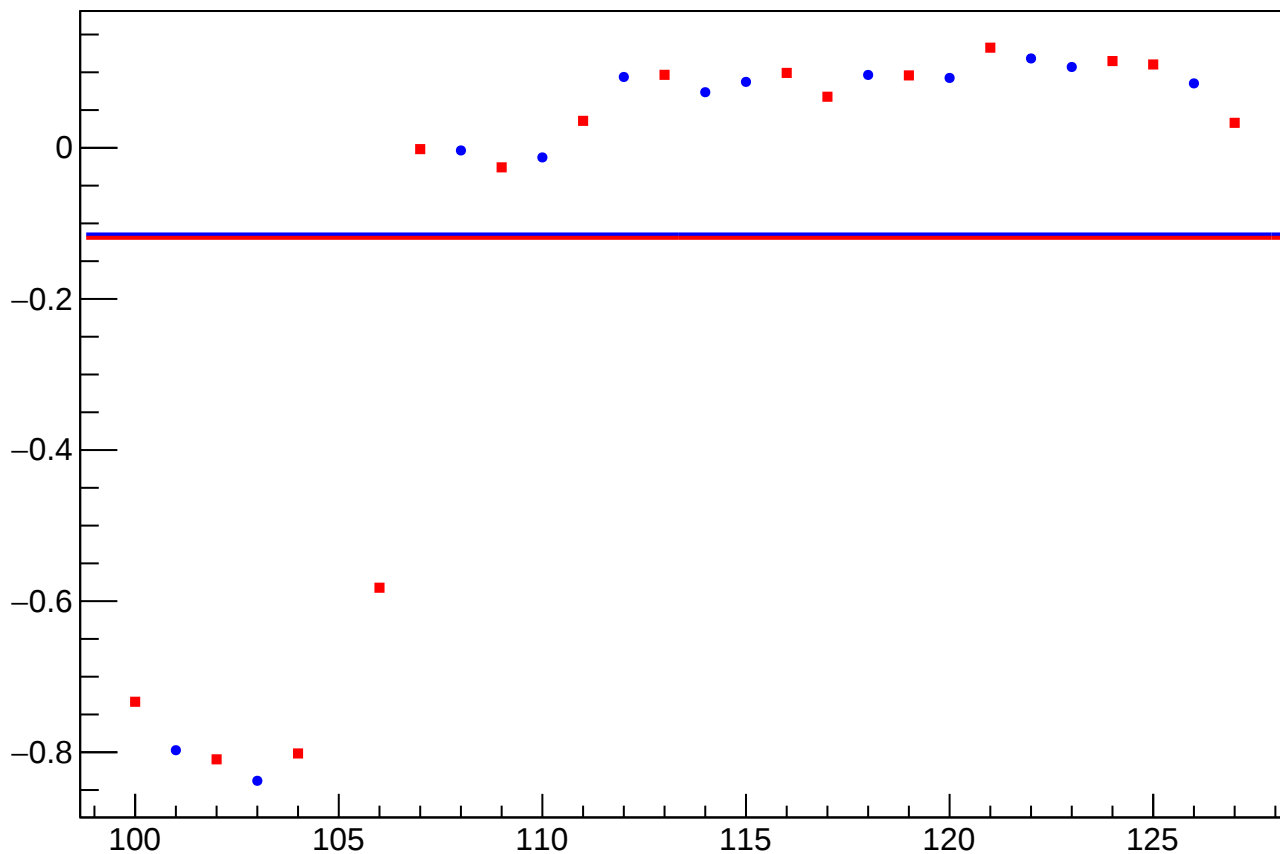
Right Out: 0.004+/-0.000 χ^2/NDF : 281083.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 433504.9/11

0.004+/-0.000 χ^2/NDF : 281083.6/14

yield_bpm1i02X_mean vs Slug



Right In: -0.115+/-0.000 χ^2/NDF : 4861677231.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

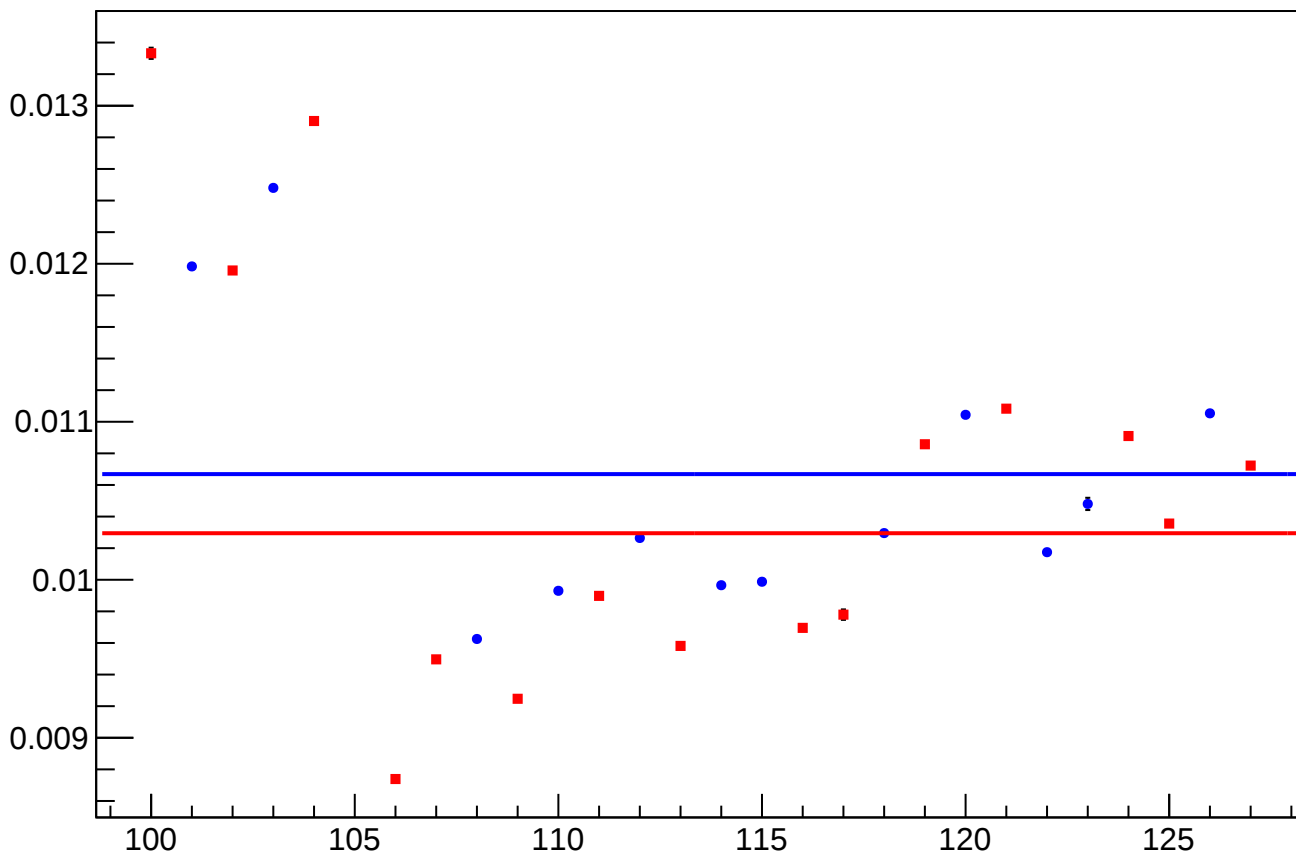
Right Out: -0.119+/-0.000 χ^2/NDF : 5485166572.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.115+/-0.000 χ^2/NDF : 4861677231.1/11

-0.119+/-0.000 χ^2/NDF : 5485166572.3/14

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 59445.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

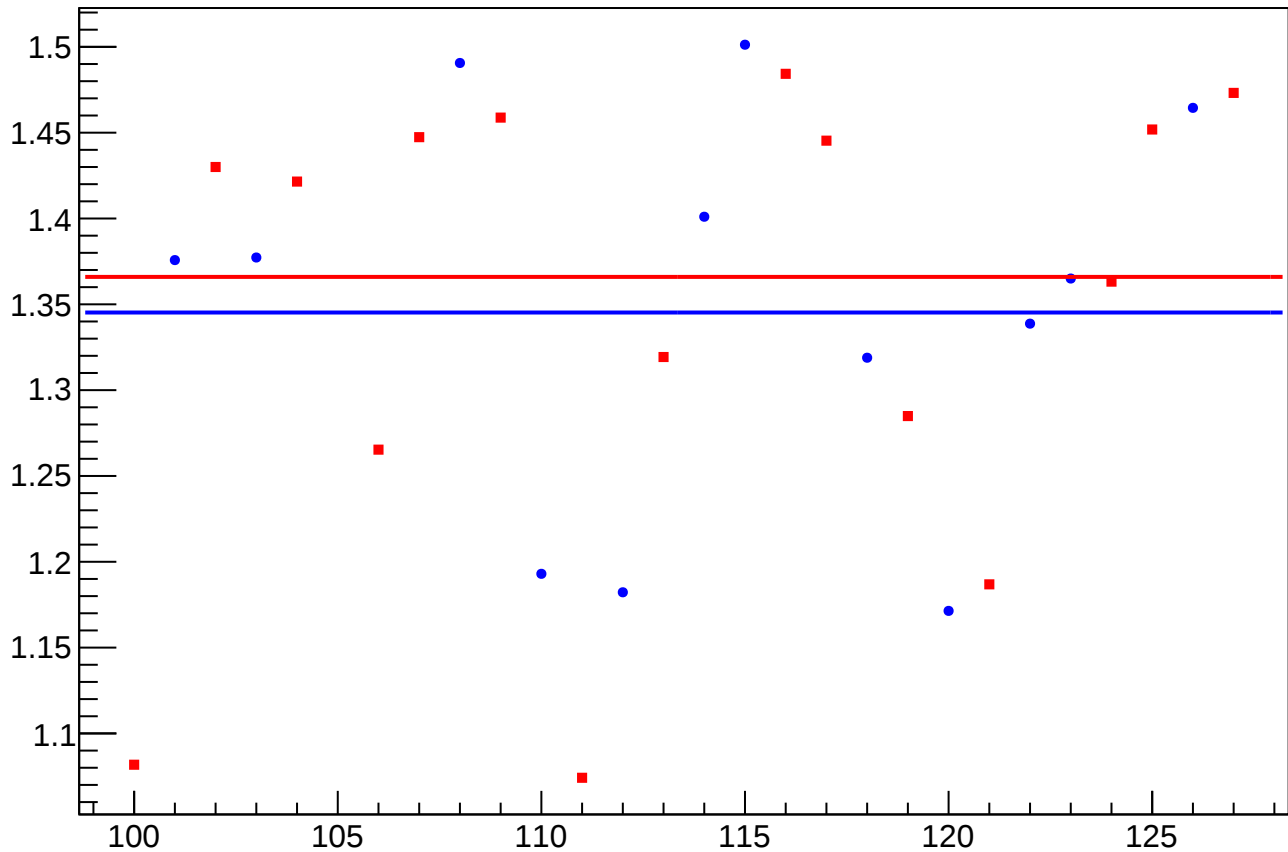
Right Out: 0.010+/-0.000 χ^2/NDF : 123317.2/14

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 : 123317.2/14

yield_bpm1i02Y_mean vs Slug



Right In: 1.345+/-0.000 χ^2/NDF : 821714650.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

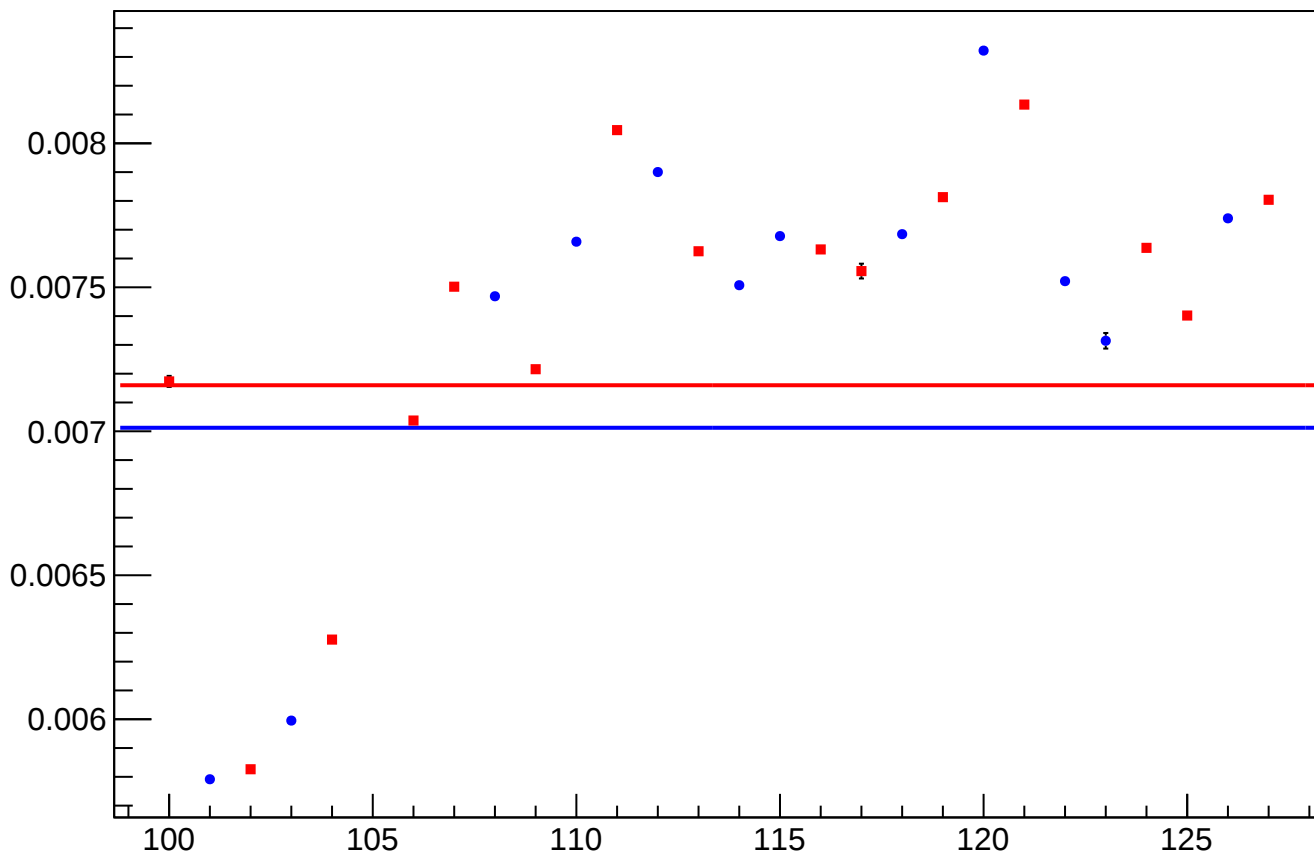
1.345+/-0.000 χ^2/NDF : 821714650.8/11

Right Out: 1.366+/-0.000 χ^2/NDF : 1412545081.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.366+/-0.000 χ^2/NDF : 1412545081.4/14

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 141178.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

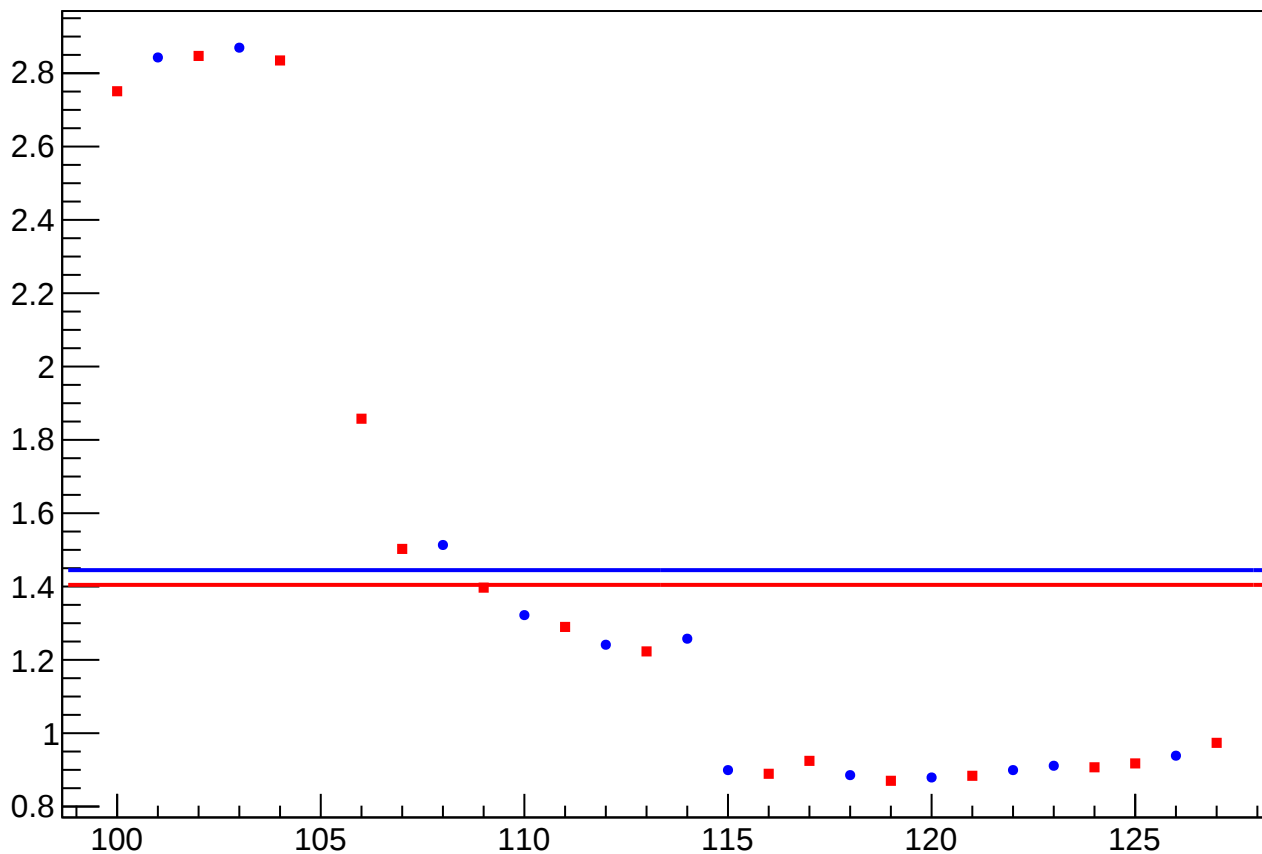
Right Out: 0.007+/-0.000 χ^2/NDF : 119325.9/14

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 : 119325.9/14

yield_bpm1i04X_mean vs Slug



Right In: 1.445+/-0.000 χ^2/NDF : 46894050897.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

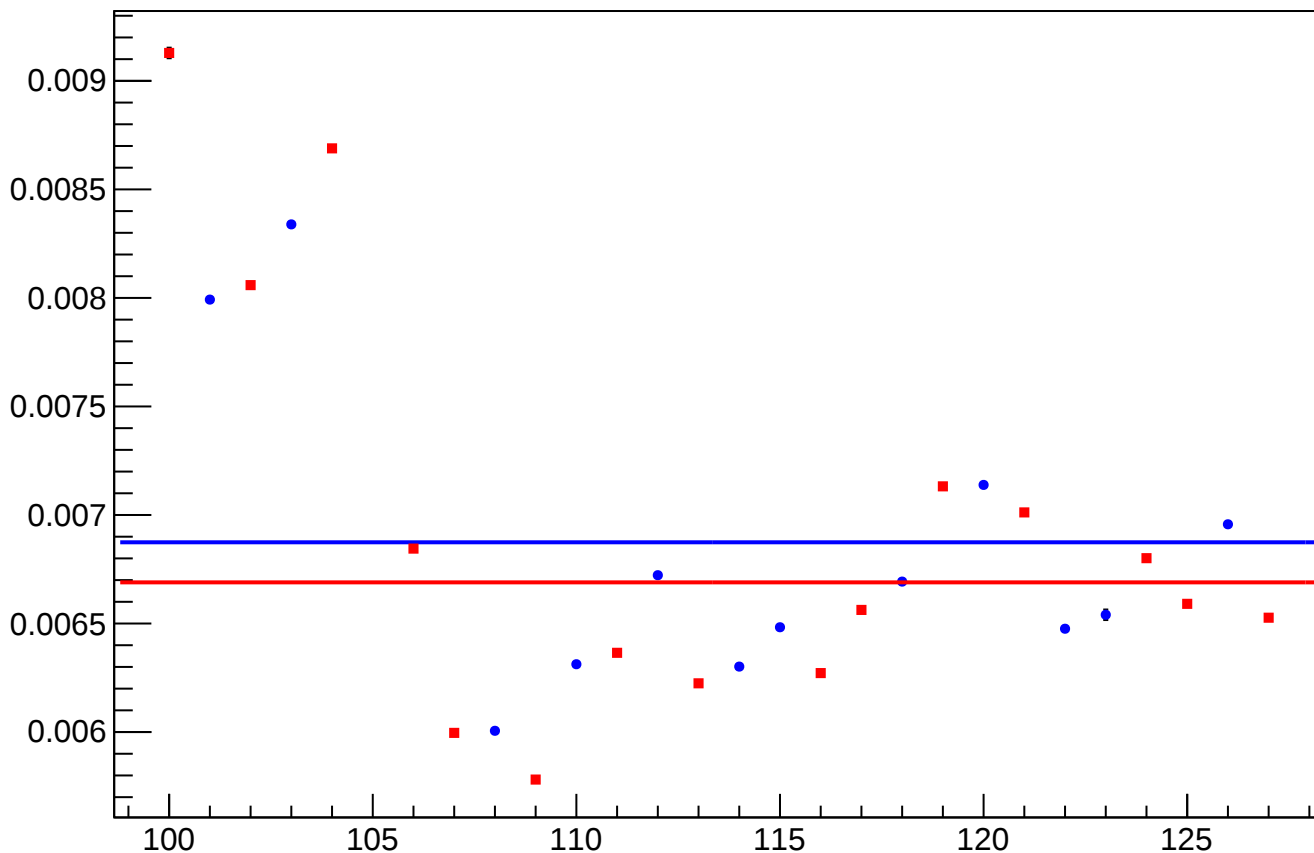
Right Out: 1.405+/-0.000 χ^2/NDF : 45632463243.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.445+/-0.000 χ^2/NDF : 46894050897.4/11

1.405+/-0.000 χ^2/NDF : 45632463243.2/14

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 87429.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

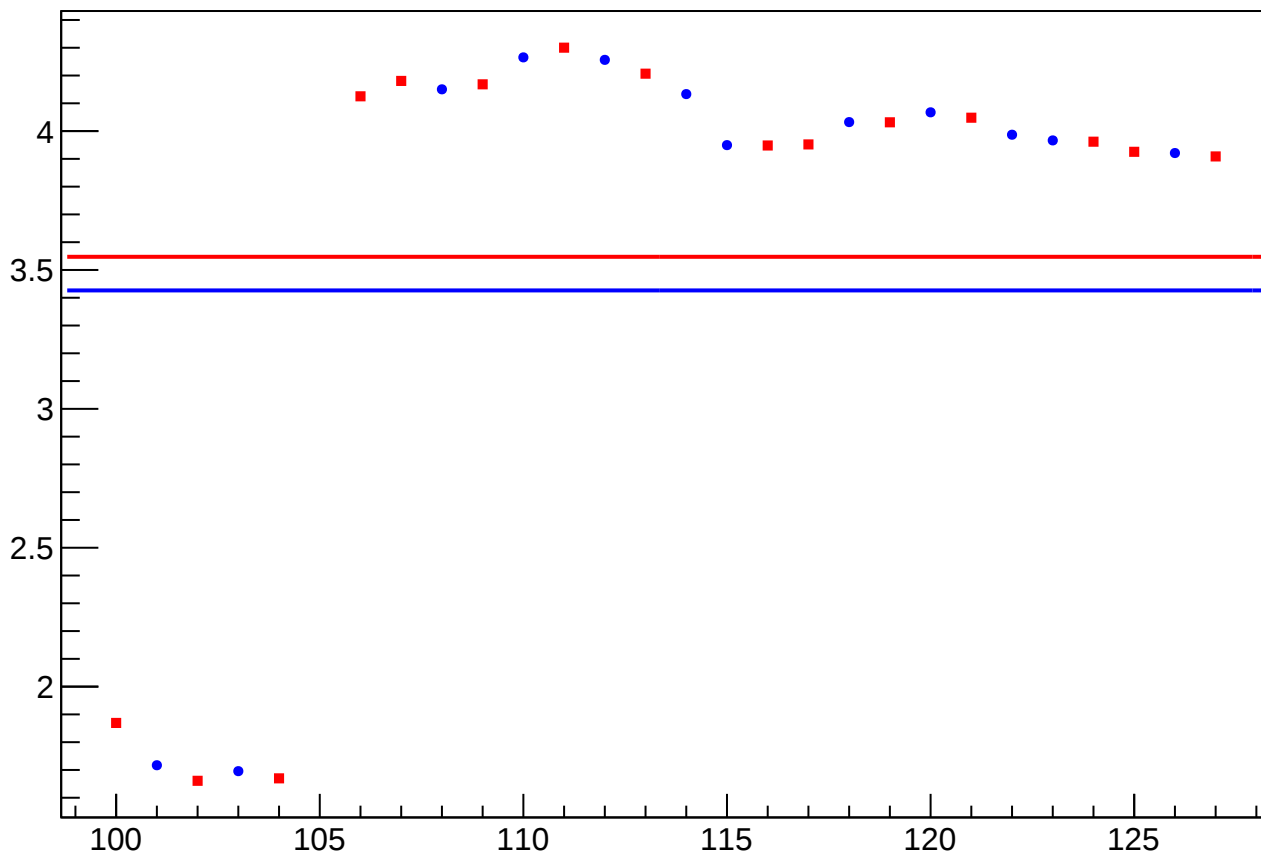
Right Out: 0.007+/-0.000 χ^2/NDF : 144583.3/14

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 : 144583.3/14

yield_bpm1i04Y_mean vs Slug



Right In: 3.426+/-0.000 χ^2/NDF : 171000476552.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

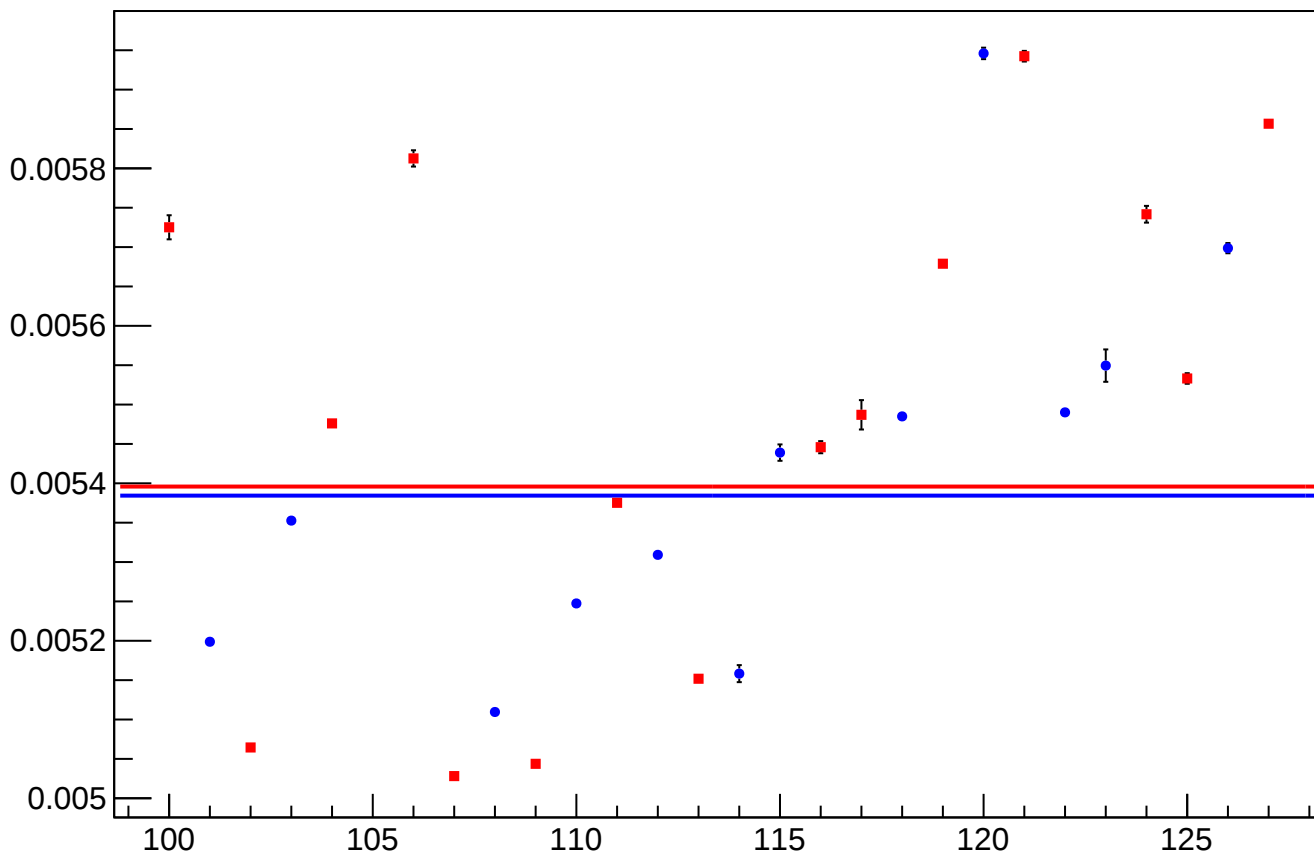
Right Out: 3.547+/-0.000 χ^2/NDF : 182003385808.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.426+/-0.000 χ^2/NDF : 171000476552.3/11

3.547+/-0.000 χ^2/NDF : 182003385808.8/14

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 13830.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

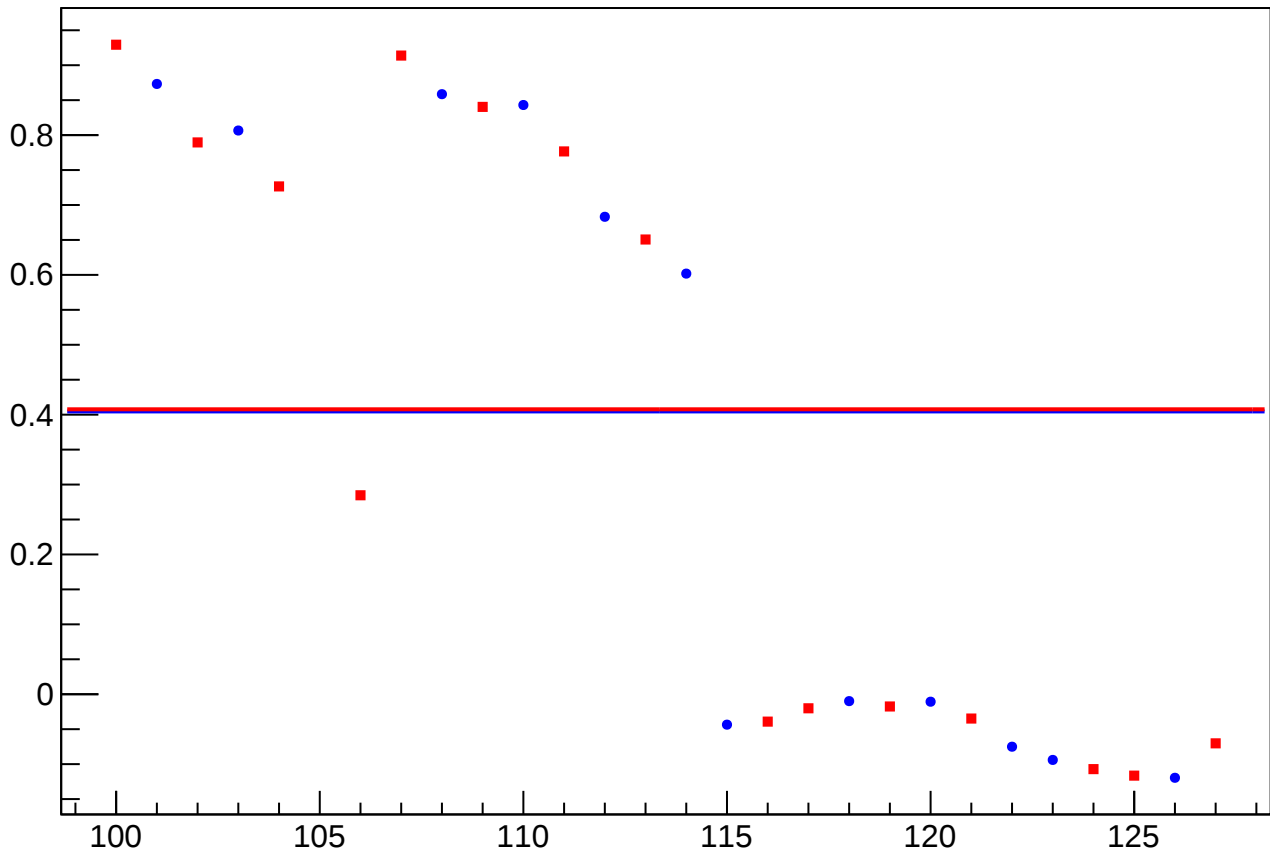
Right Out: 0.005+/-0.000 χ^2/NDF : 33799.2/14

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 : 33799.2/14

yield_bpm1i06X_mean vs Slug



Right In: 0.405+/-0.000 χ^2/NDF : 3976131018.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

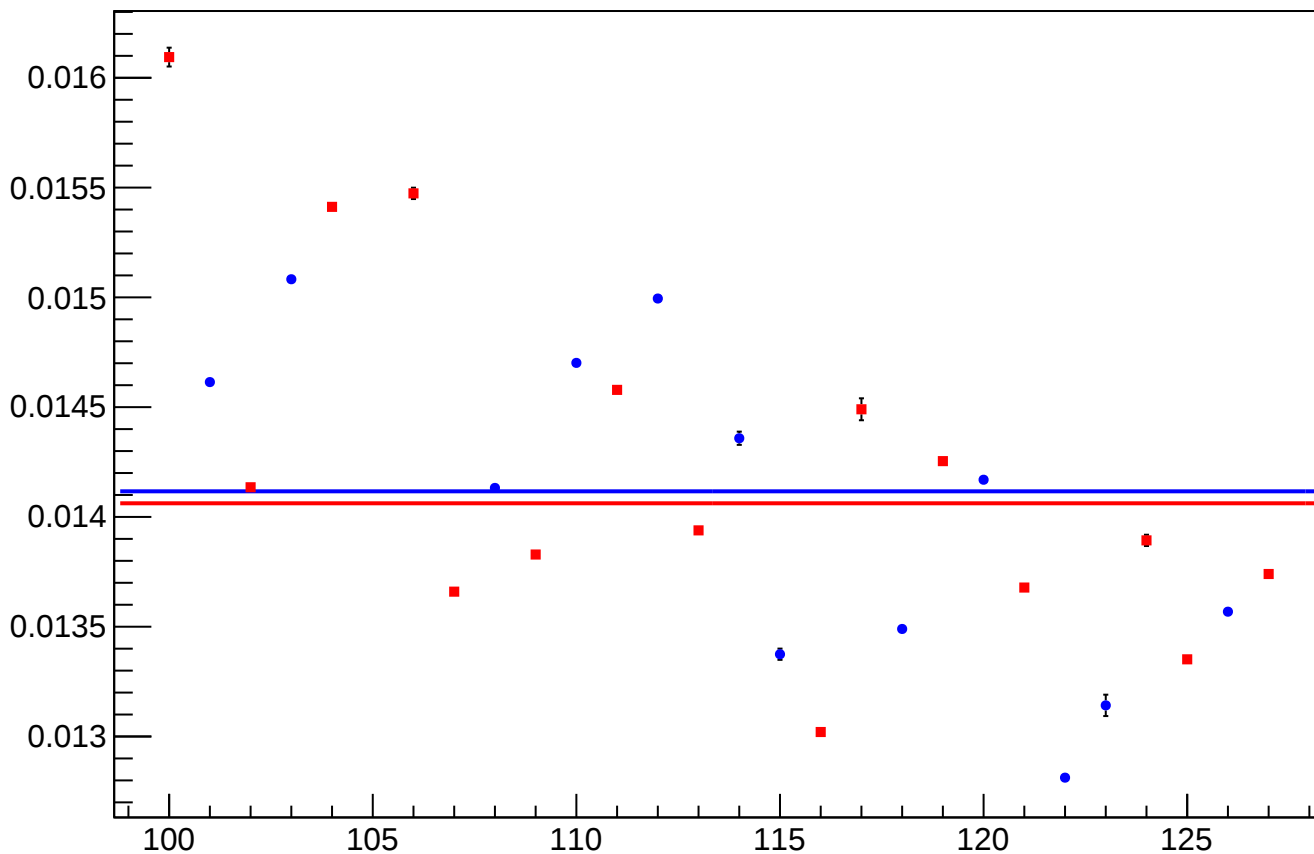
0.405+/-0.000 χ^2/NDF : 3976131018.1/11

Right Out: 0.408+/-0.000 χ^2/NDF : 4515891658.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.408+/-0.000 χ^2/NDF : 4515891658.8/14

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 23365.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

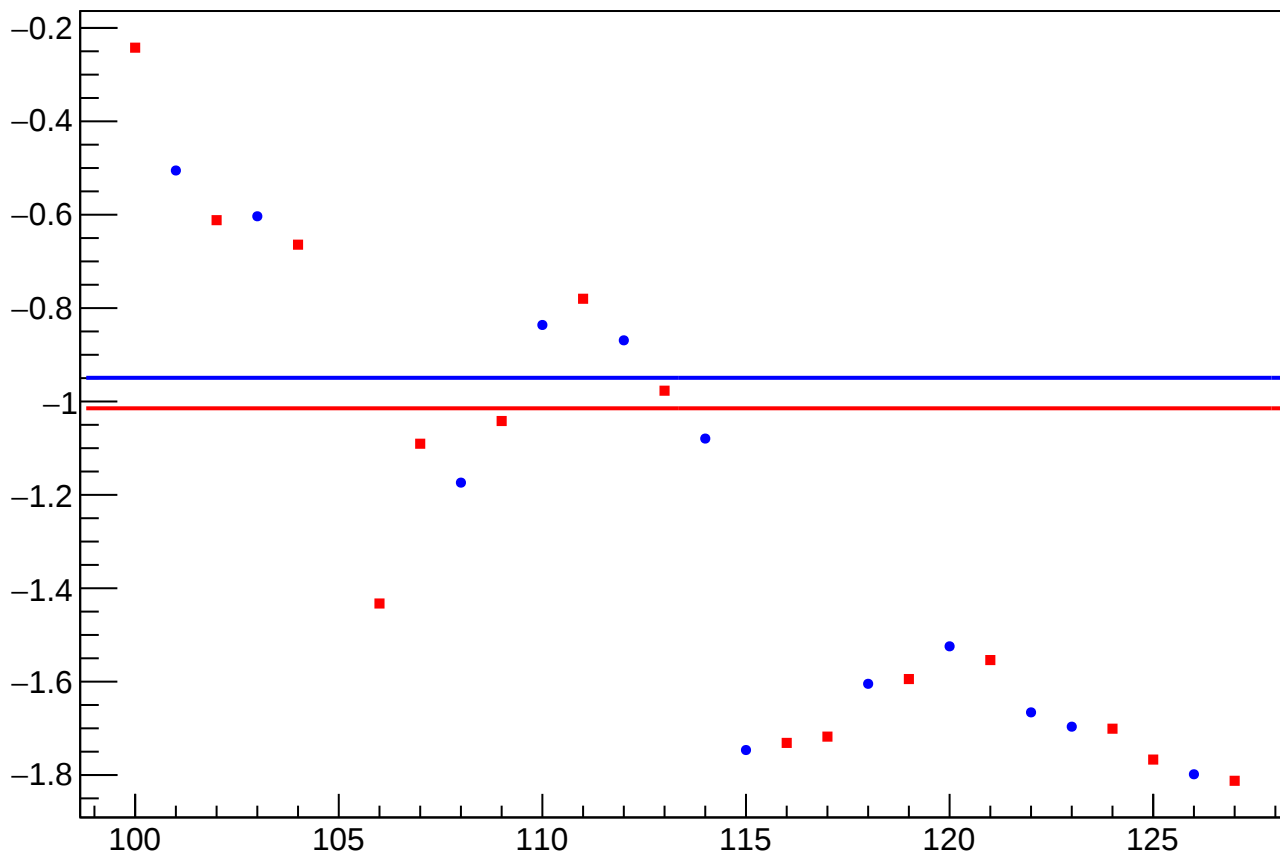
Right Out: 0.014+/-0.000 χ^2/NDF : 21289.8/14

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 : 21289.8/14

yield_bpm1i06Y_mean vs Slug



Right In: -0.949+/-0.000 χ^2/NDF : 31484881921.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

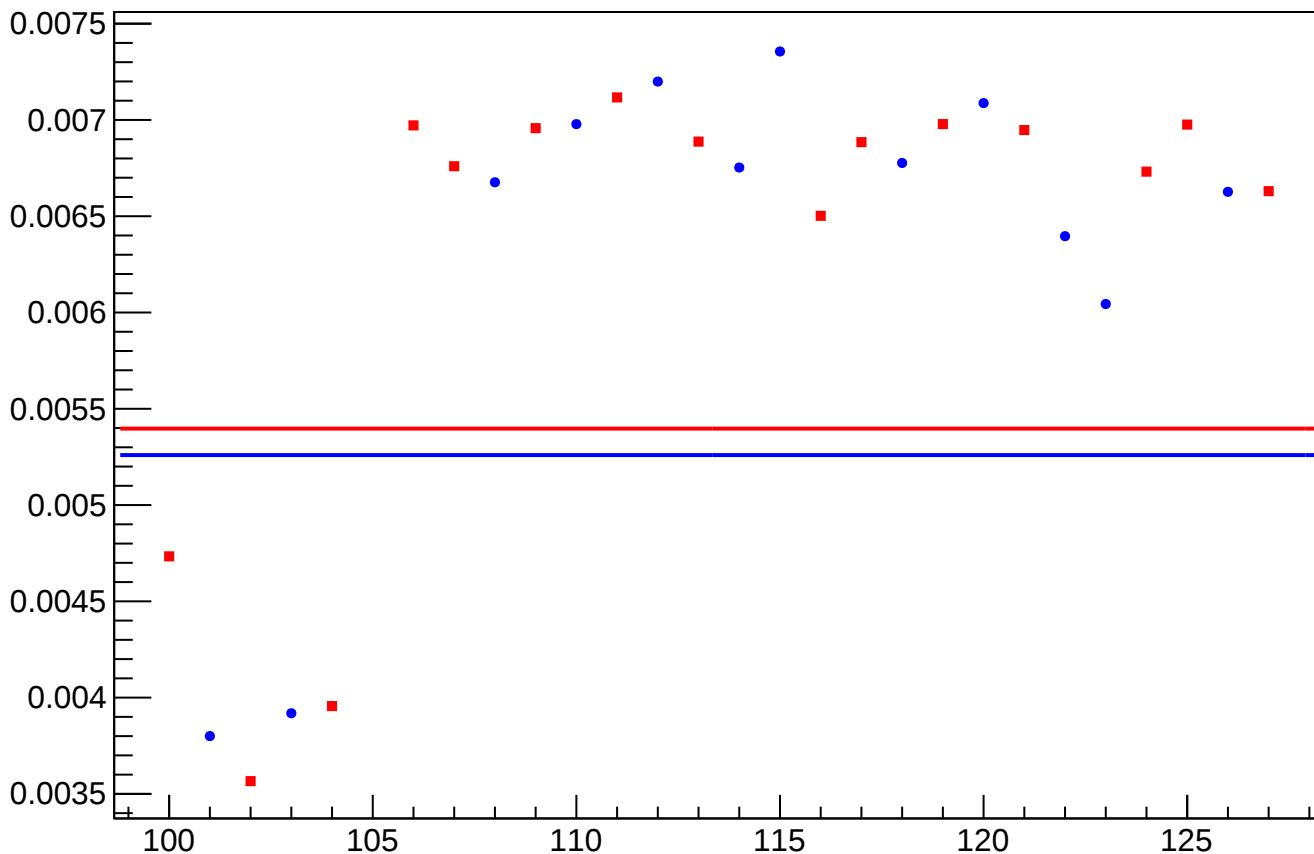
Right Out: -1.015+/-0.000 χ^2/NDF : 32834403910.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.949+/-0.000 χ^2/NDF : 31484881921.4/11

-1.015+/-0.000 χ^2/NDF : 32834403910.7/14

yield_bpm1i06Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 592347.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

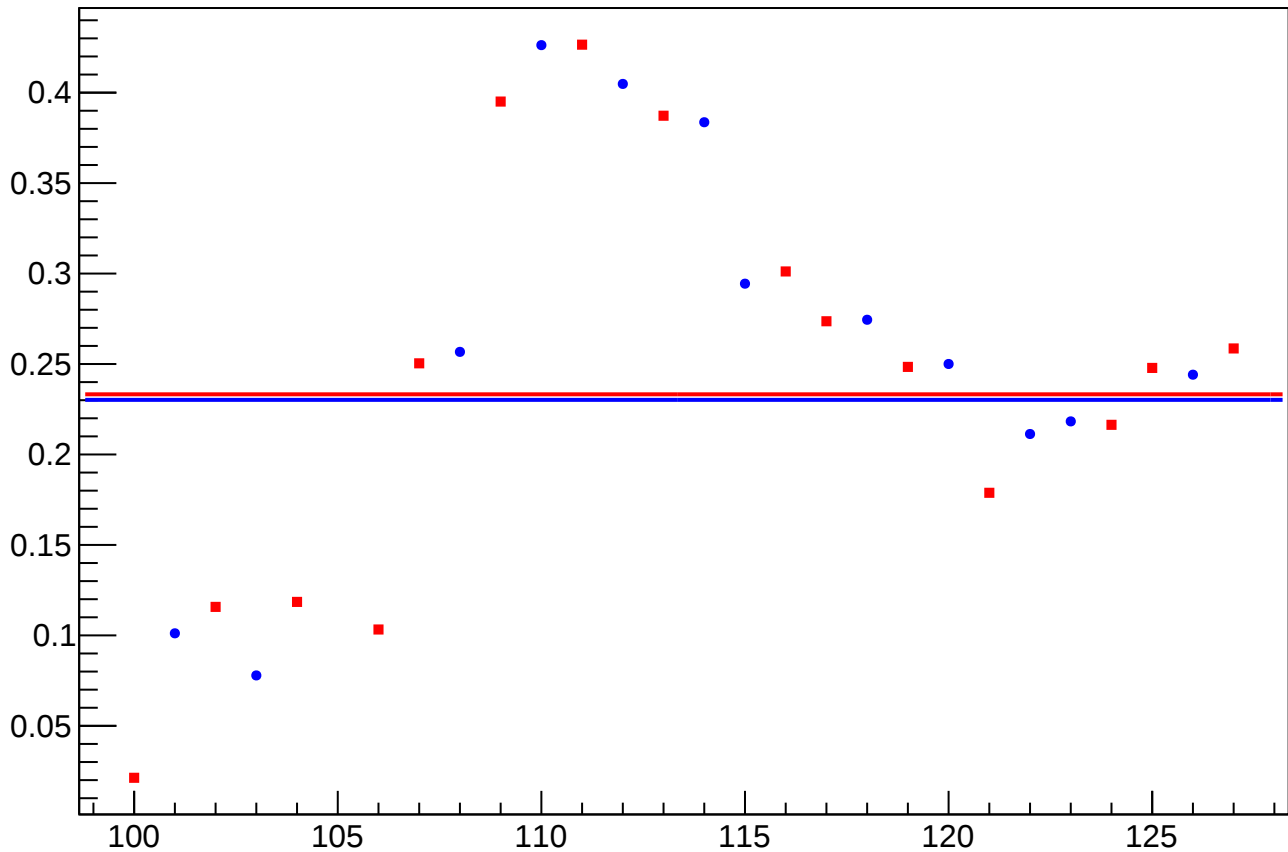
Right Out: 0.005+/-0.000 χ^2/NDF : 748370.9/14

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 : 748370.9/14

yield_bpm2i01X_mean vs Slug



Right In: 0.230+/-0.000 χ^2/NDF : 17974611918.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

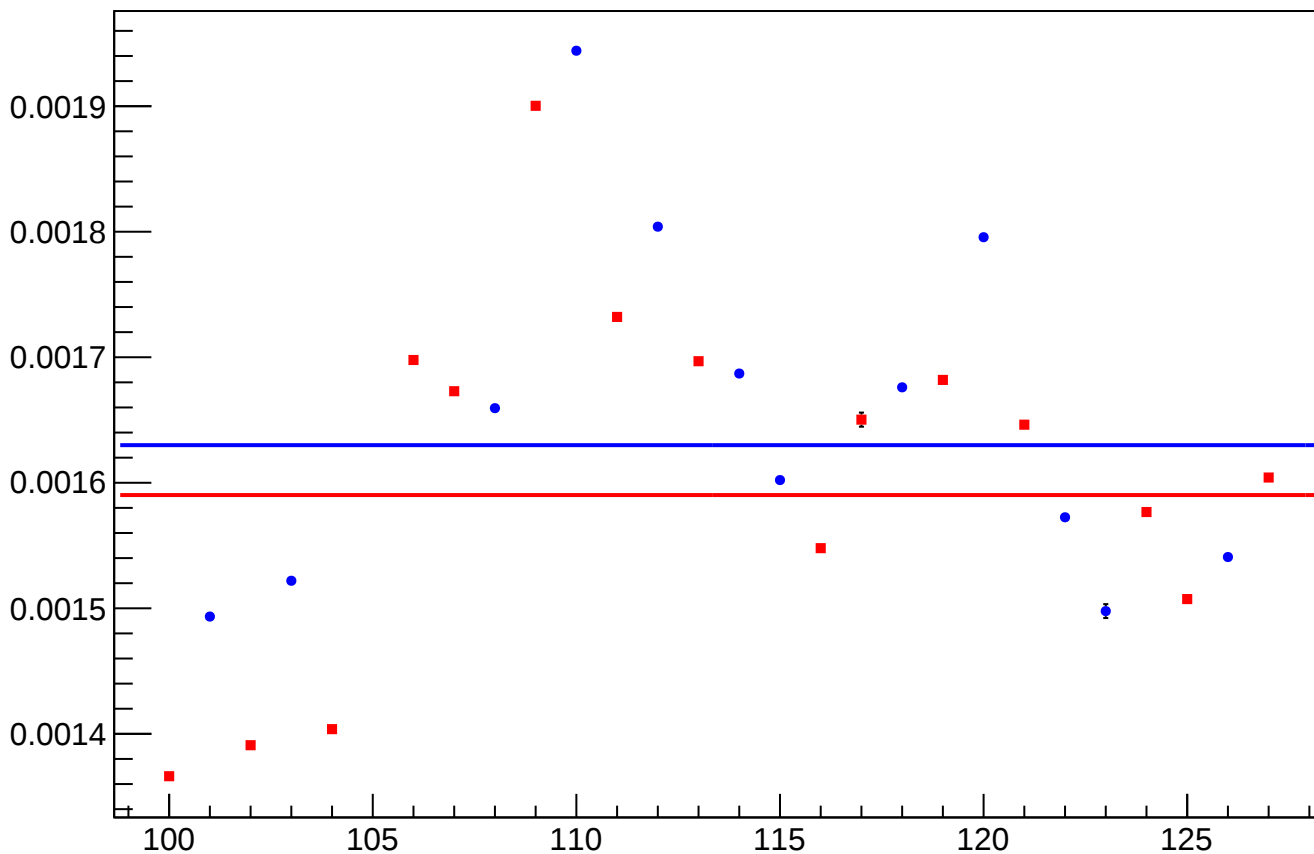
0.230+/-0.000 χ^2/NDF : 17974611918.3/11

Right Out: 0.233+/-0.000 χ^2/NDF : 23737851010.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.233+/-0.000 χ^2/NDF : 23737851010.9/14

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 49439.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

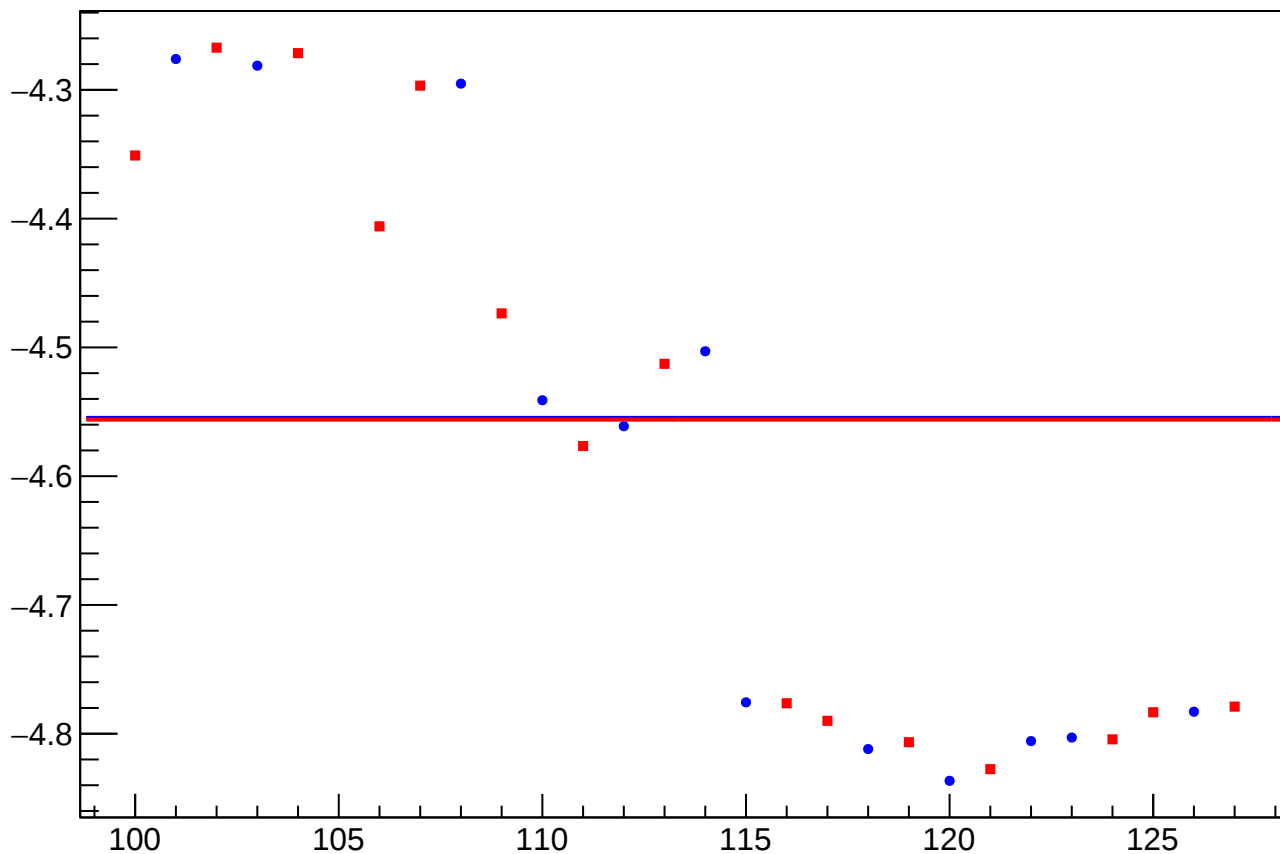
Right Out: 0.002+/-0.000 χ^2/NDF : 87960.0/14

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 : 87960.0/14

yield_bpm2i01Y_mean vs Slug



Right In: -4.555+/-0.000 χ^2/NDF : 64027049305.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

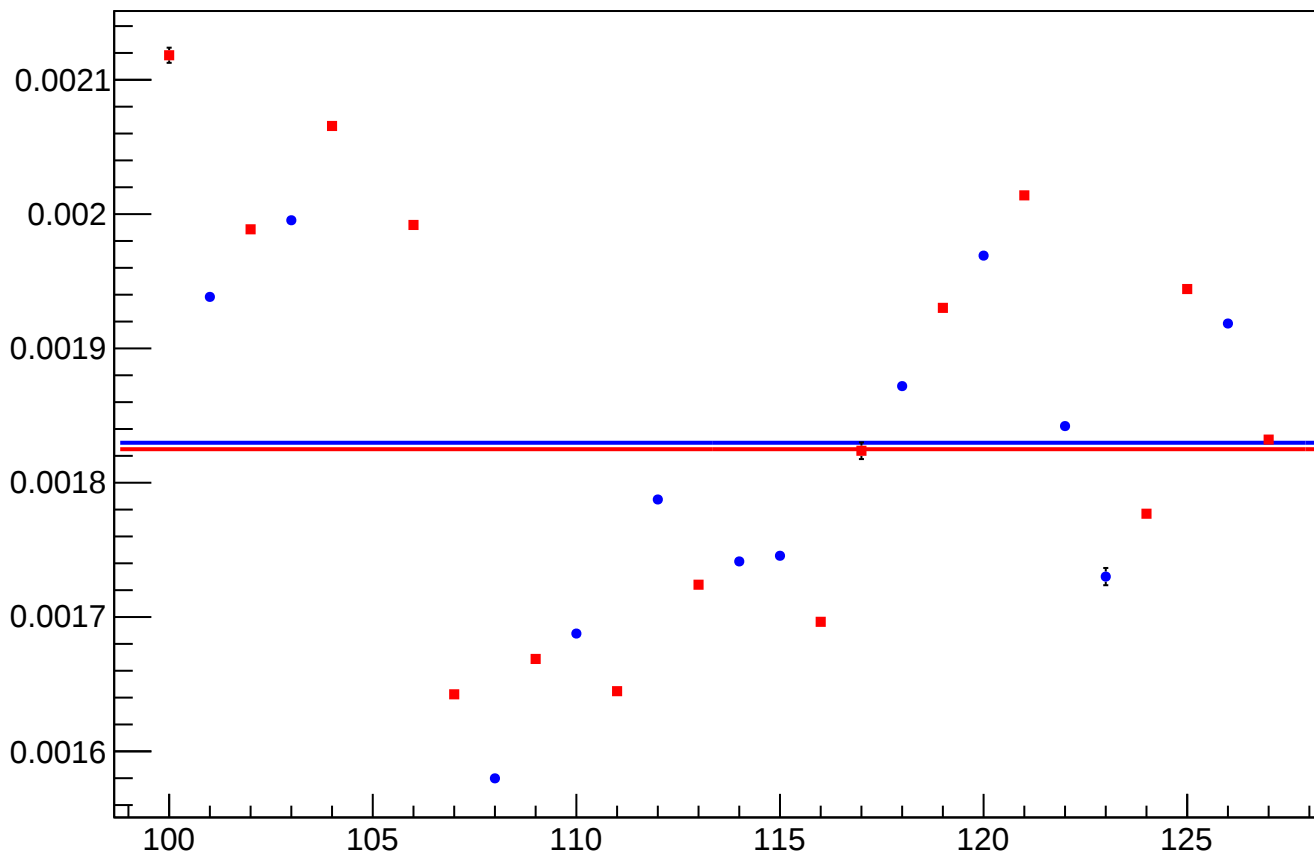
Right Out: -4.556+/-0.000 χ^2/NDF : 66374957574.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-4.555+/-0.000 χ^2/NDF : 64027049305.3/11

-4.556+/-0.000 χ^2/NDF : 66374957574.4/14

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 42101.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

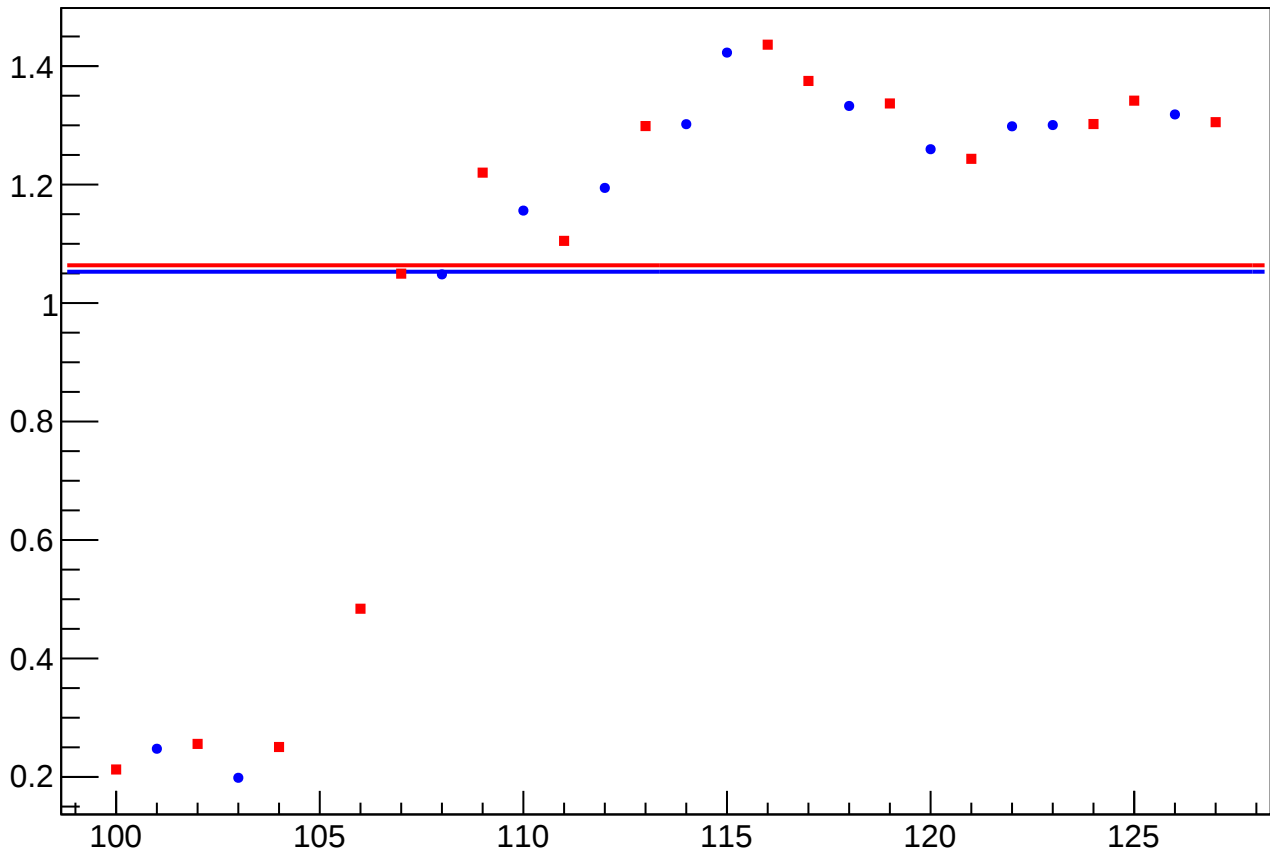
Right Out: 0.002+/-0.000 χ^2/NDF : 72467.2/14

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 : 72467.2/14

yield_bpm2i02X_mean vs Slug



Right In: 1.053+/-0.000 χ^2/NDF : 12979722825.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

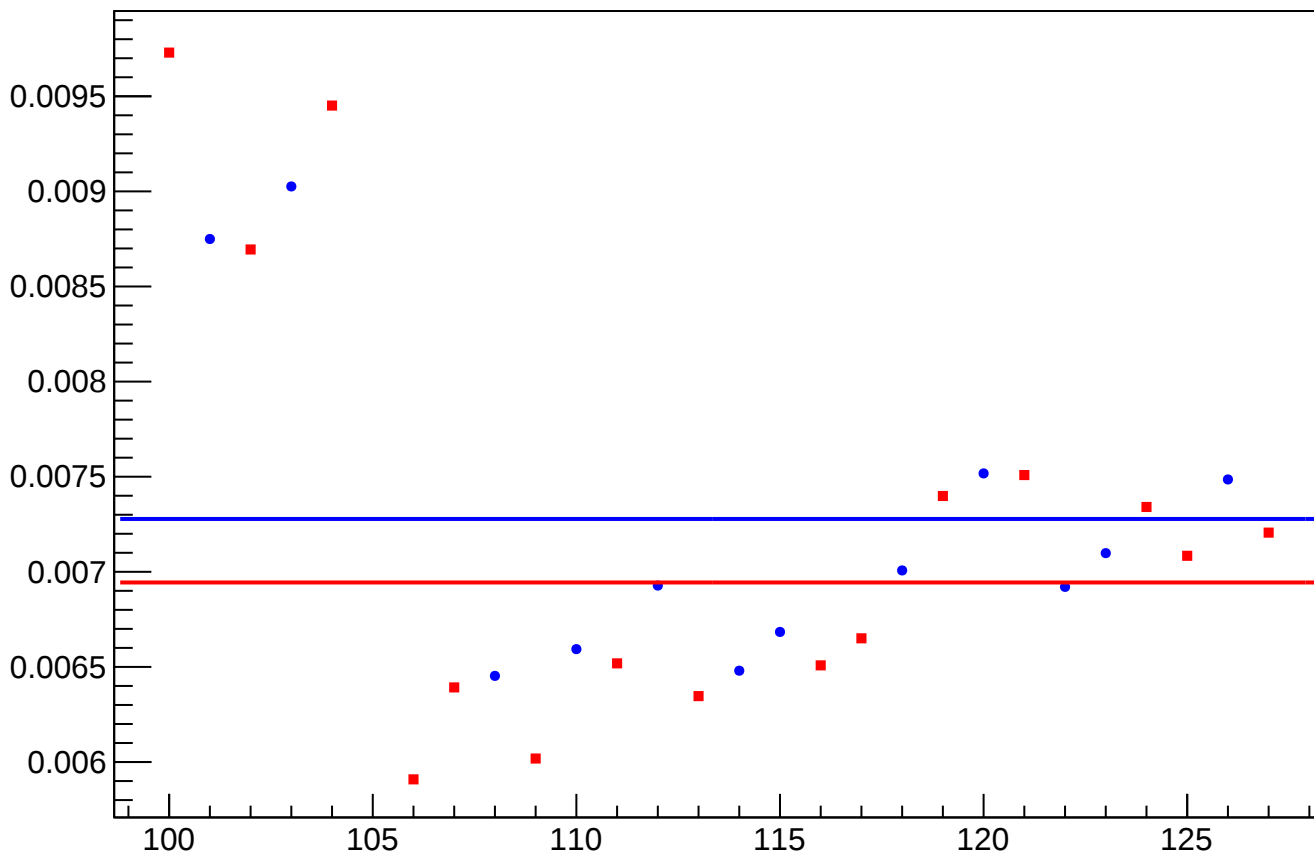
1.053+/-0.000 χ^2/NDF : 12979722825.7/11

Right Out: 1.064+/-0.000 χ^2/NDF : 15766135808.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.064+/-0.000 χ^2/NDF : 15766135808.3/14

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 108313.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

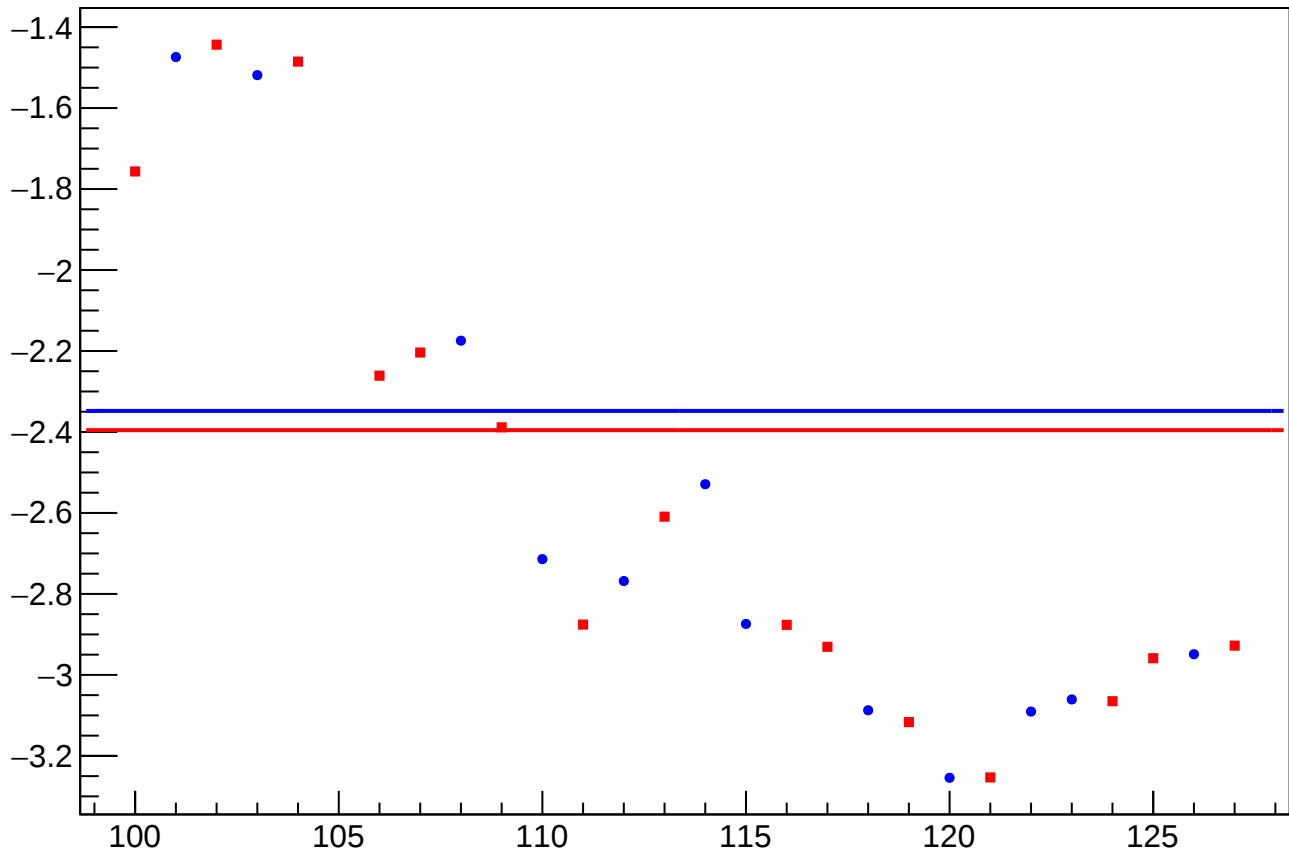
Right Out: 0.007+/-0.000 χ^2/NDF : 197688.8/14

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 : 197688.8/14

yield_bpm2i02Y_mean vs Slug



Right In: -2.348+/-0.000 χ^2/NDF : 47815617377.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

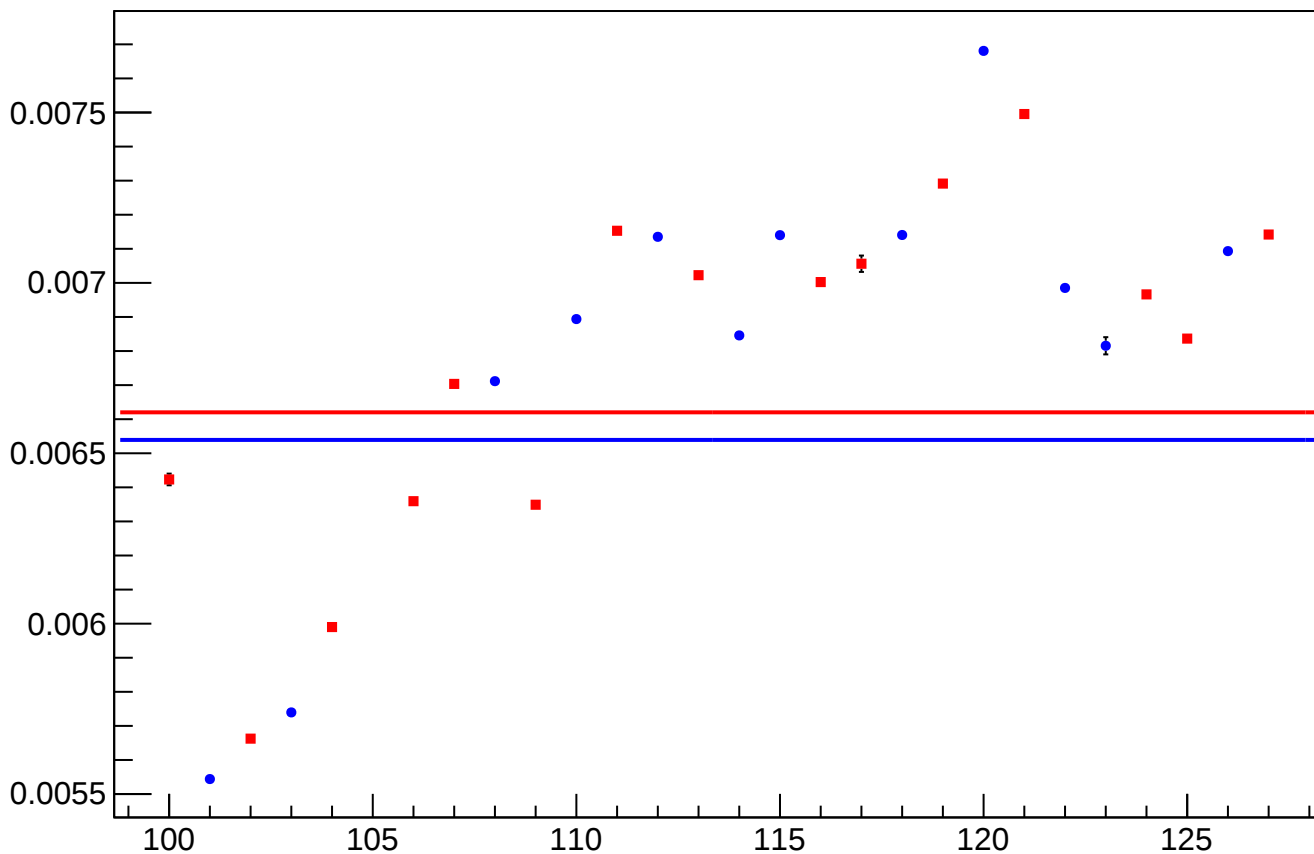
Right Out: -2.396+/-0.000 χ^2/NDF : 47780978009.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.348+/-0.000 χ^2/NDF : 47815617377.3/11

-2.396+/-0.000 χ^2/NDF : 47780978009.7/14

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 101006.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

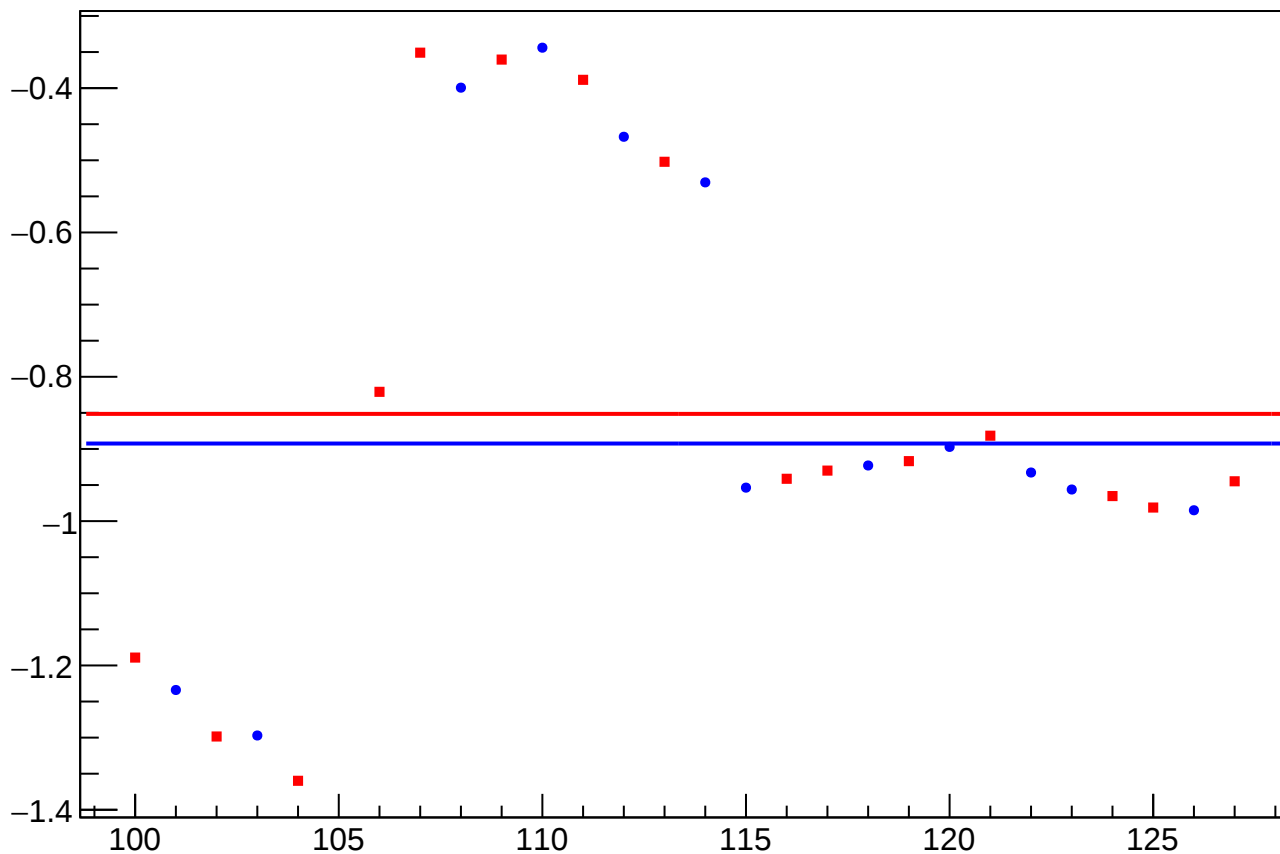
Right Out: 0.007+/-0.000 χ^2/NDF : 79960.5/14

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 : 79960.5/14

yield_bpm0i01X_mean vs Slug



Right In: -0.892+/-0.000 χ^2/NDF : 3886965133.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

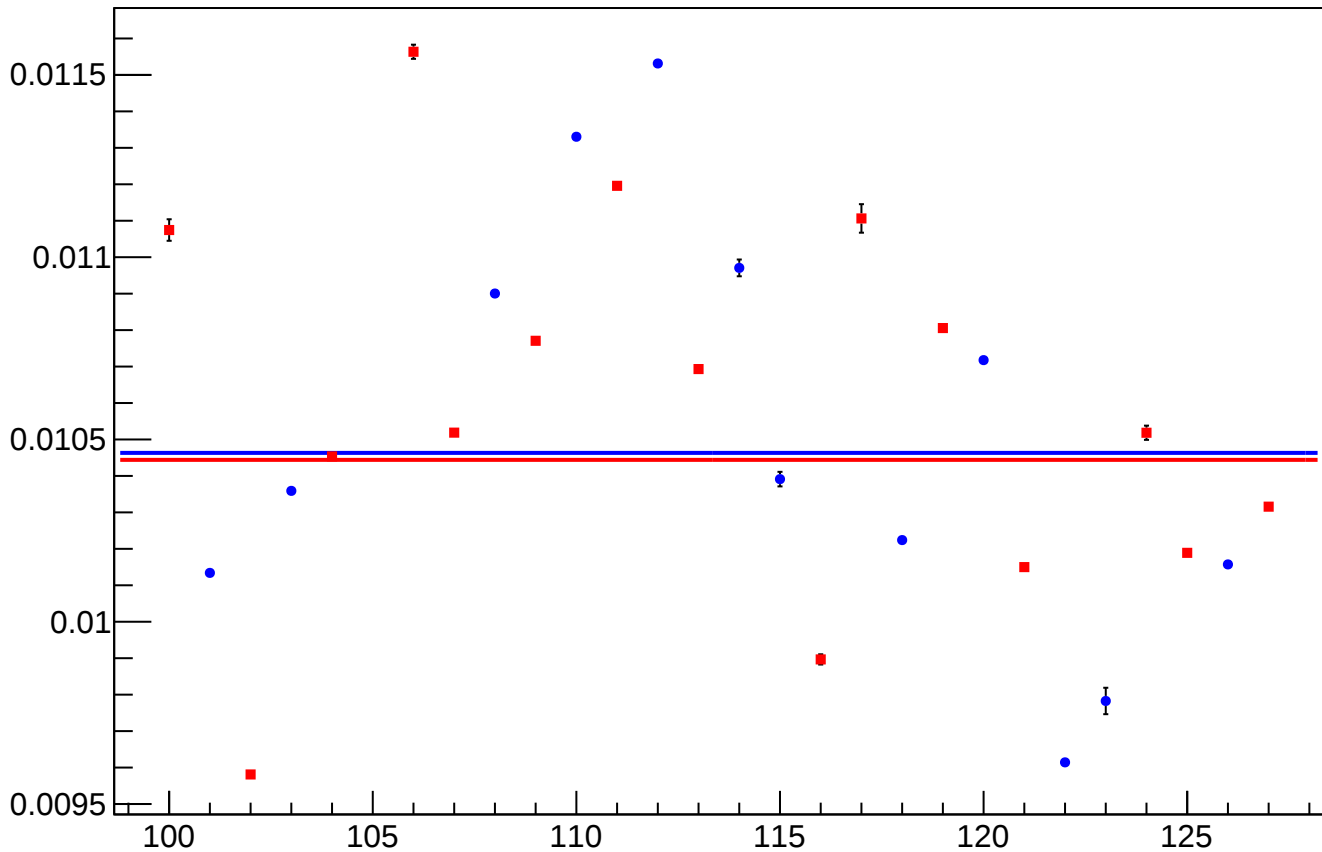
Right Out: -0.851+/-0.000 χ^2/NDF : 5616133732.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.892+/-0.000 χ^2/NDF : 3886965133.8/11

-0.851+/-0.000 χ^2/NDF : 5616133732.5/14

yield_bpm0i01X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 23257.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

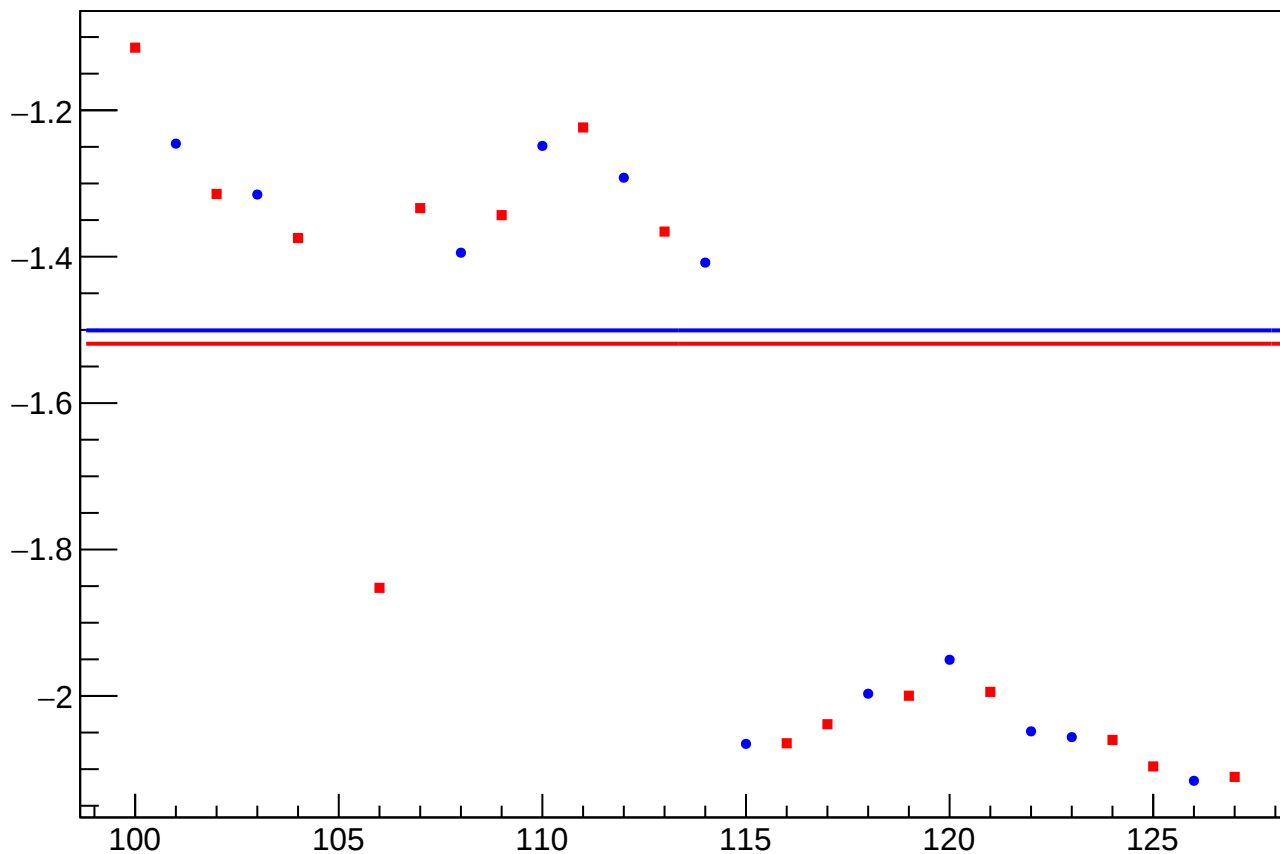
Right Out: 0.010+/-0.000 χ^2/NDF : 22041.4/14

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 : 22041.4/14

yield_bpm0i01Y_mean vs Slug



Right In: -1.501 ± 0.000 χ^2/NDF : 74213116412.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

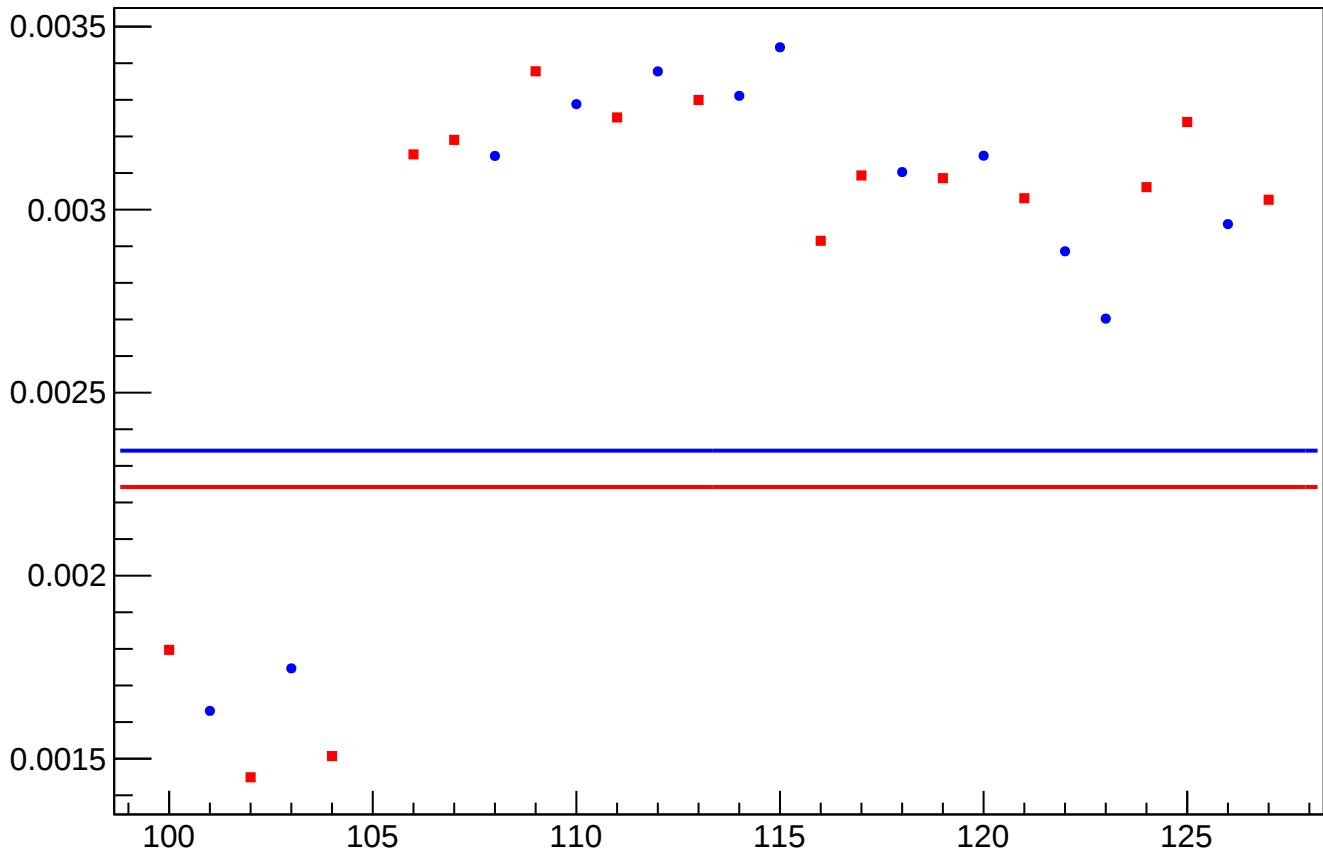
Right Out: -1.519 ± 0.000 χ^2/NDF : 83228035046.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.501 ± 0.000 χ^2/NDF : 74213116412.4/11

-1.519 ± 0.000 χ^2/NDF : 83228035046.0/14

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 681826.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

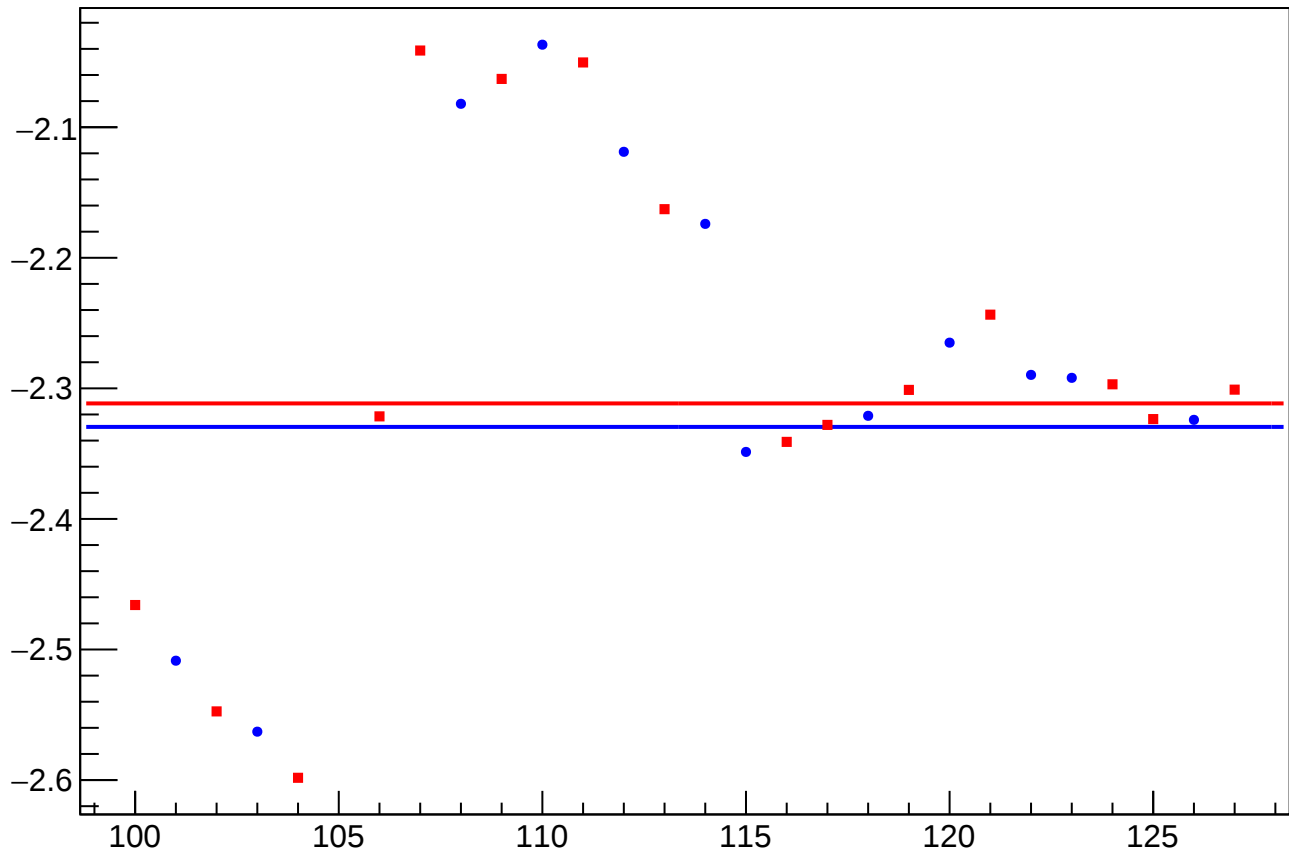
Right Out: 0.002+/-0.000 χ^2/NDF : 1135415.4/14

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 : 1135415.4/14

yield_bpm0i01aX_mean vs Slug



Right In: -2.330+/-0.000 χ^2/NDF : 2997574046.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

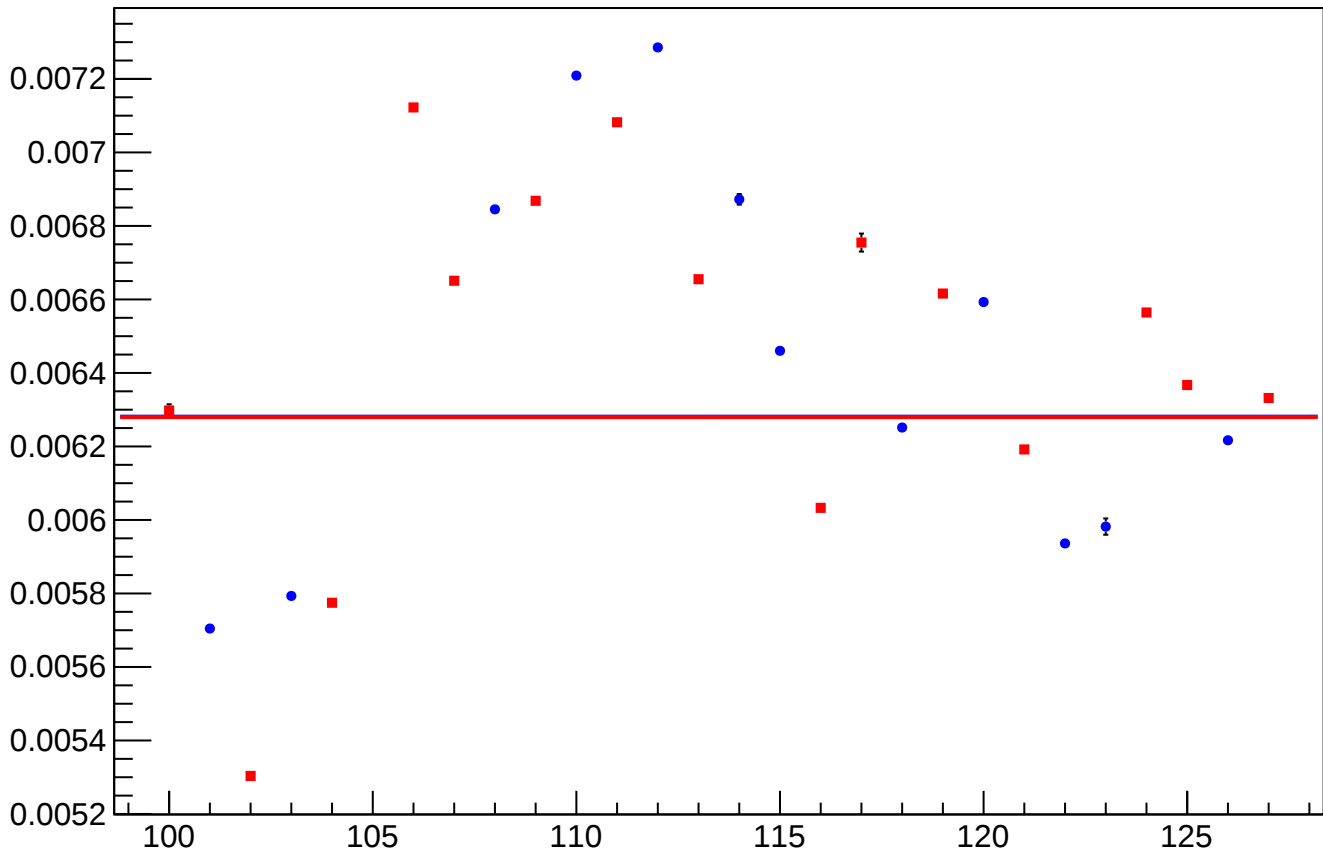
Right Out: -2.312+/-0.000 χ^2/NDF : 4395933283.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.330+/-0.000 χ^2/NDF : 2997574046.0/11

-2.312+/-0.000 χ^2/NDF : 4395933283.7/14

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 59623.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

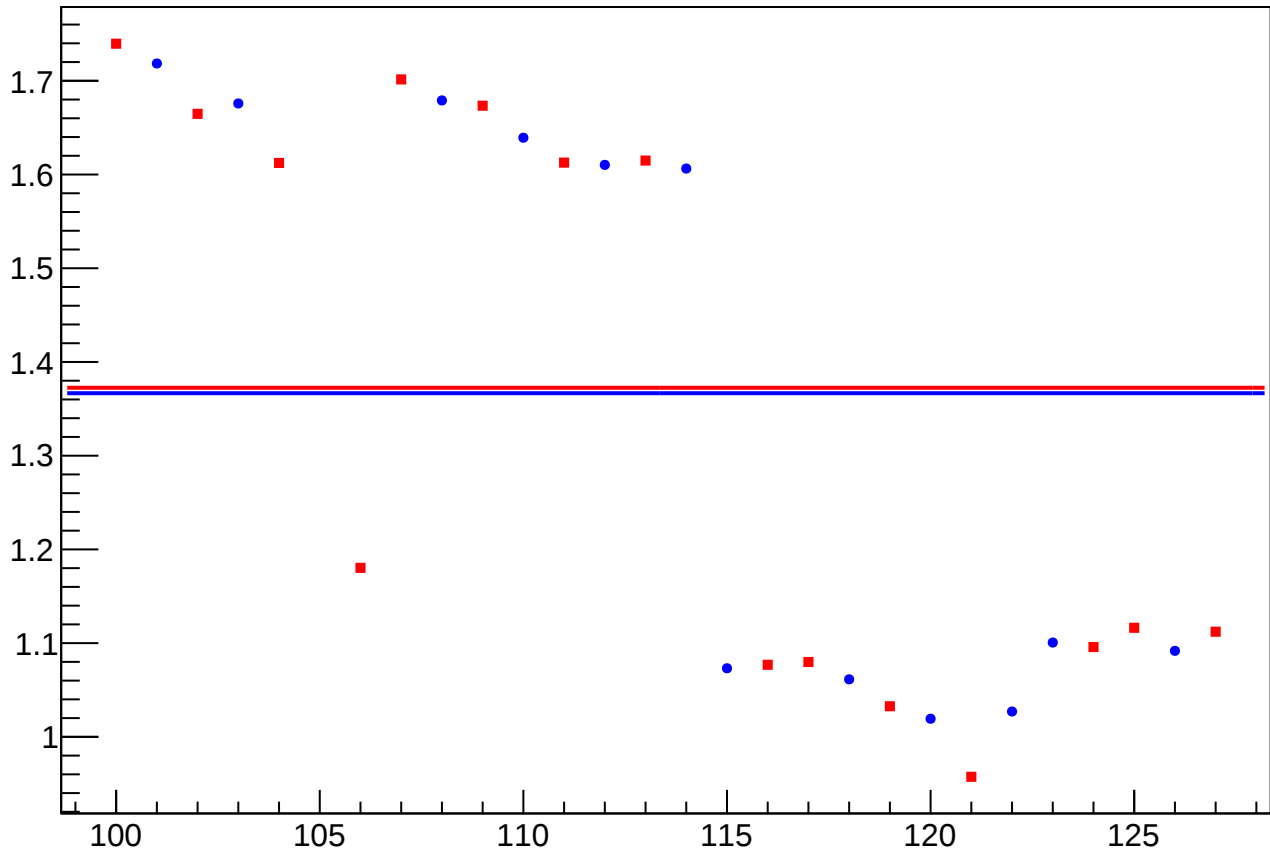
Right Out: 0.006+/-0.000 χ^2/NDF : 76914.5/14

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 : 76914.5/14

yield_bpm0i01aY_mean vs Slug



Right In: 1.367+/-0.000 χ^2/NDF : 89006405905.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

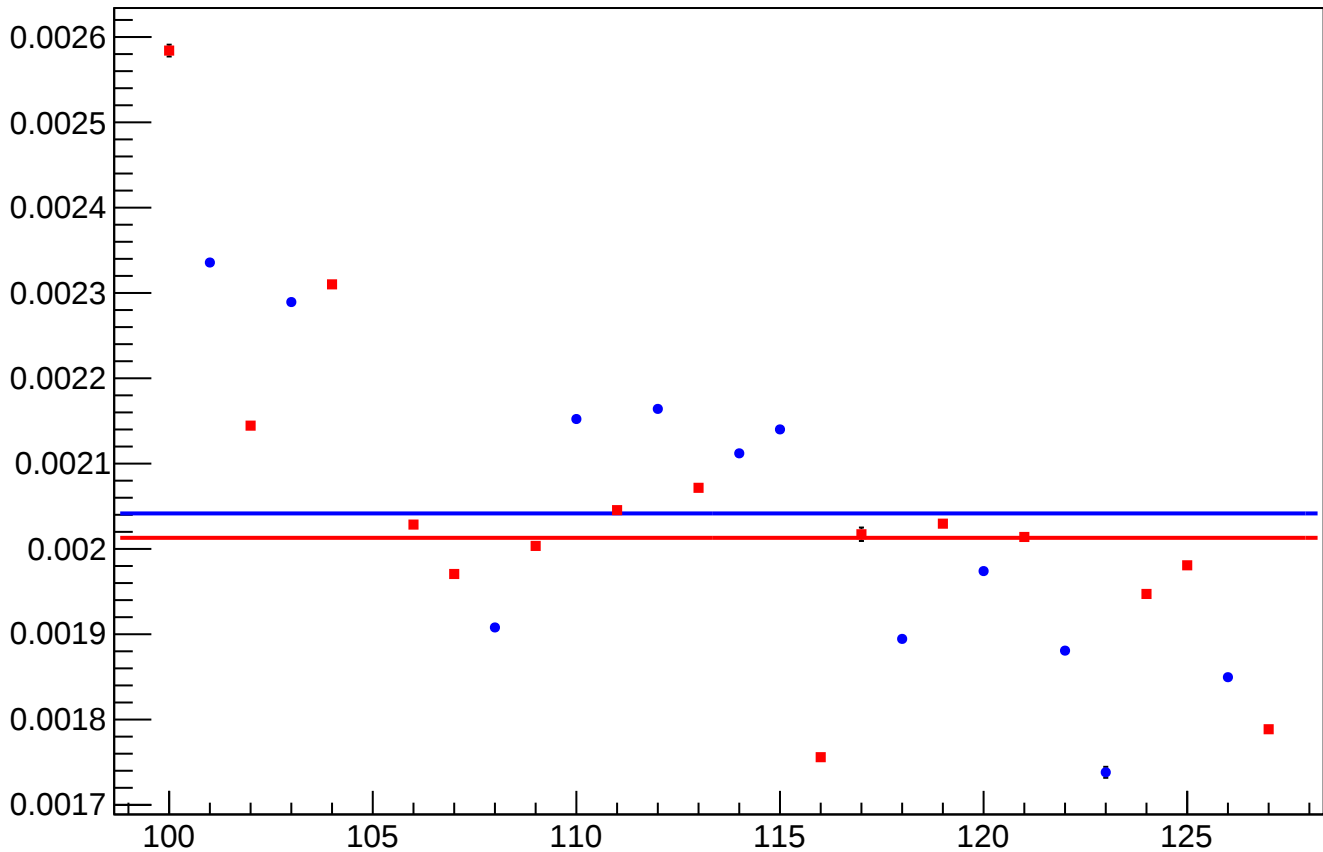
1.367+/-0.000 χ^2/NDF : 89006405905.3/11

Right Out: 1.372+/-0.000 χ^2/NDF : 100969547829.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.372+/-0.000 χ^2/NDF : 100969547829.9/14

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 60719.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

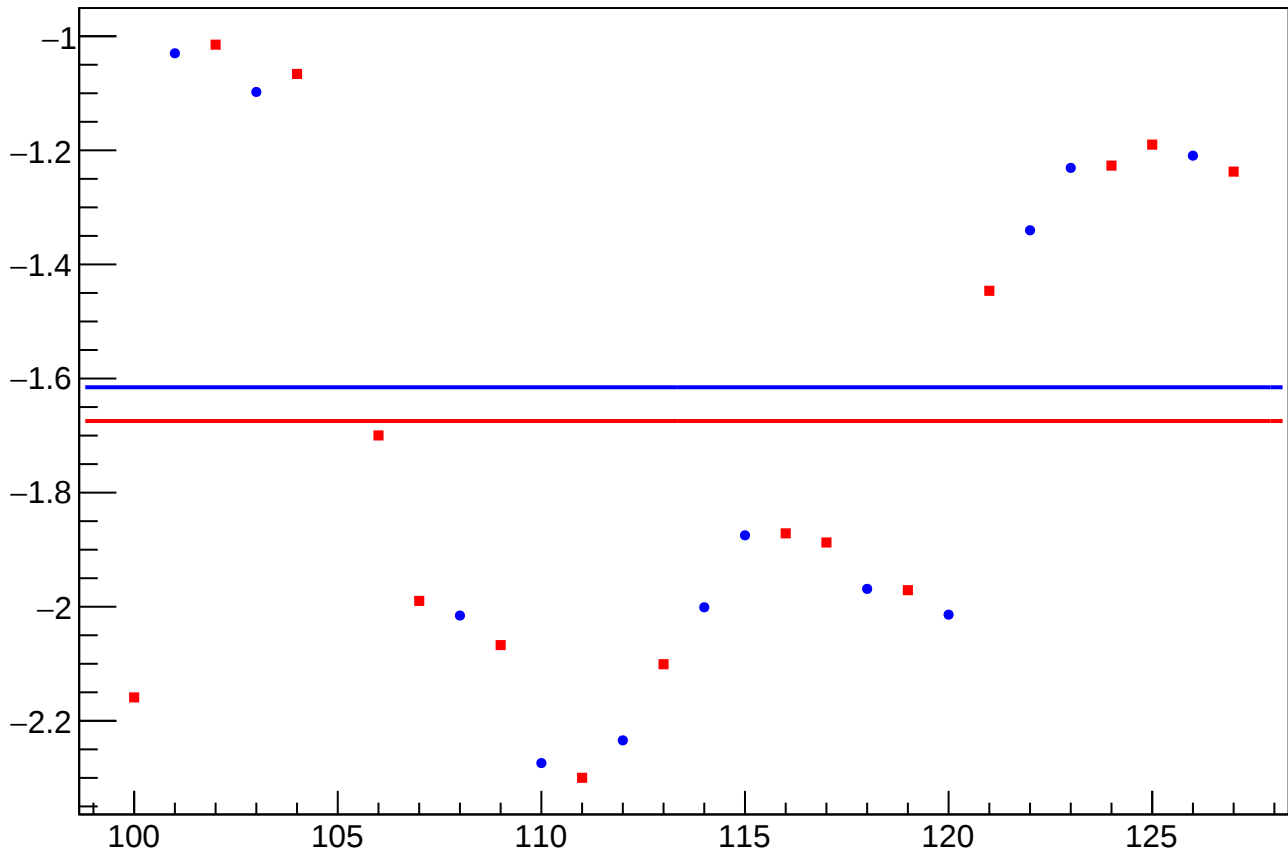
Right Out: 0.002+/-0.000 χ^2/NDF : 51929.7/14

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 : 51929.7/14

yield_bpm0l01X_mean vs Slug



Right In: -1.615+/-0.000 χ^2/NDF : 18936781978.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

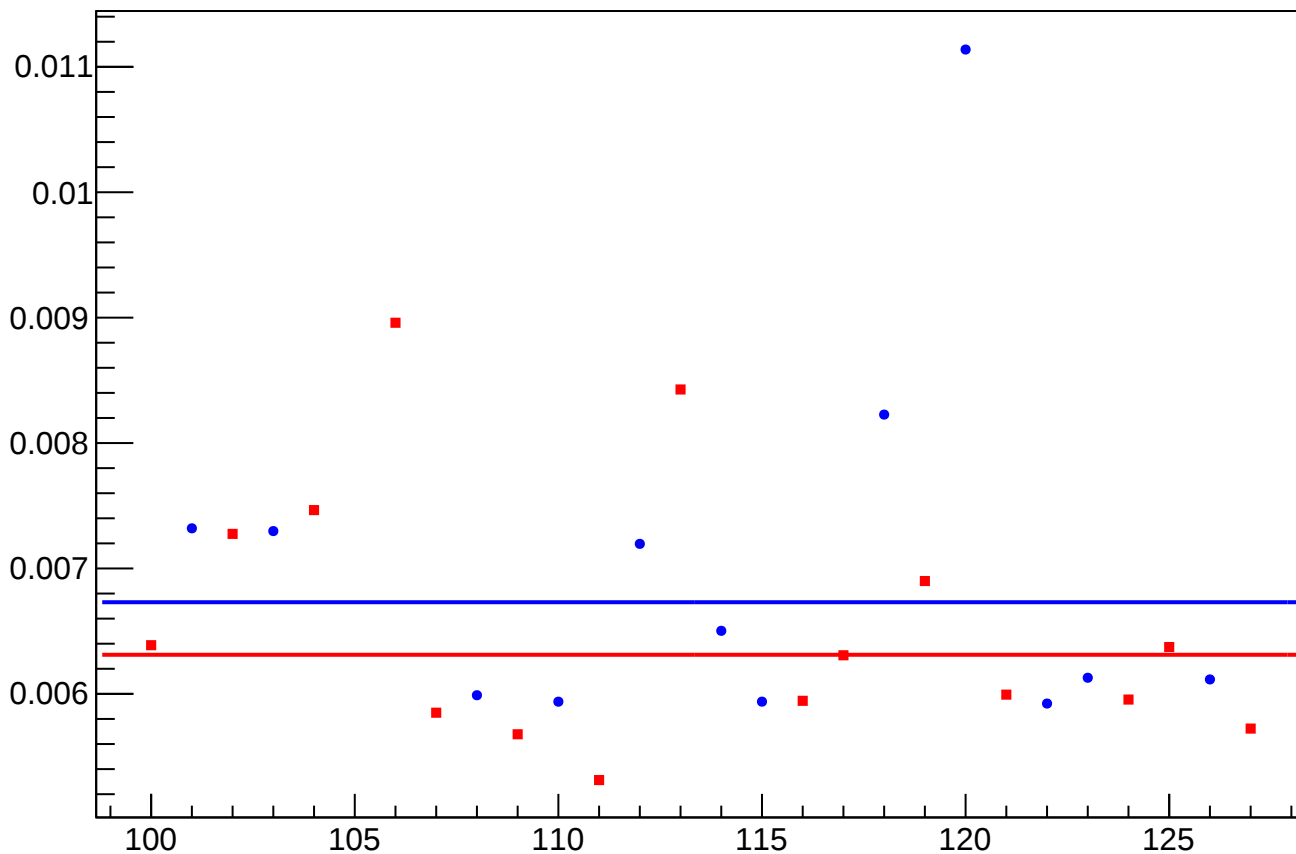
-1.615+/-0.000 χ^2/NDF : 18936781978.3/11

Right Out: -1.674+/-0.000 χ^2/NDF : 24924032547.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.674+/-0.000 χ^2/NDF : 24924032547.5/14

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 178741.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

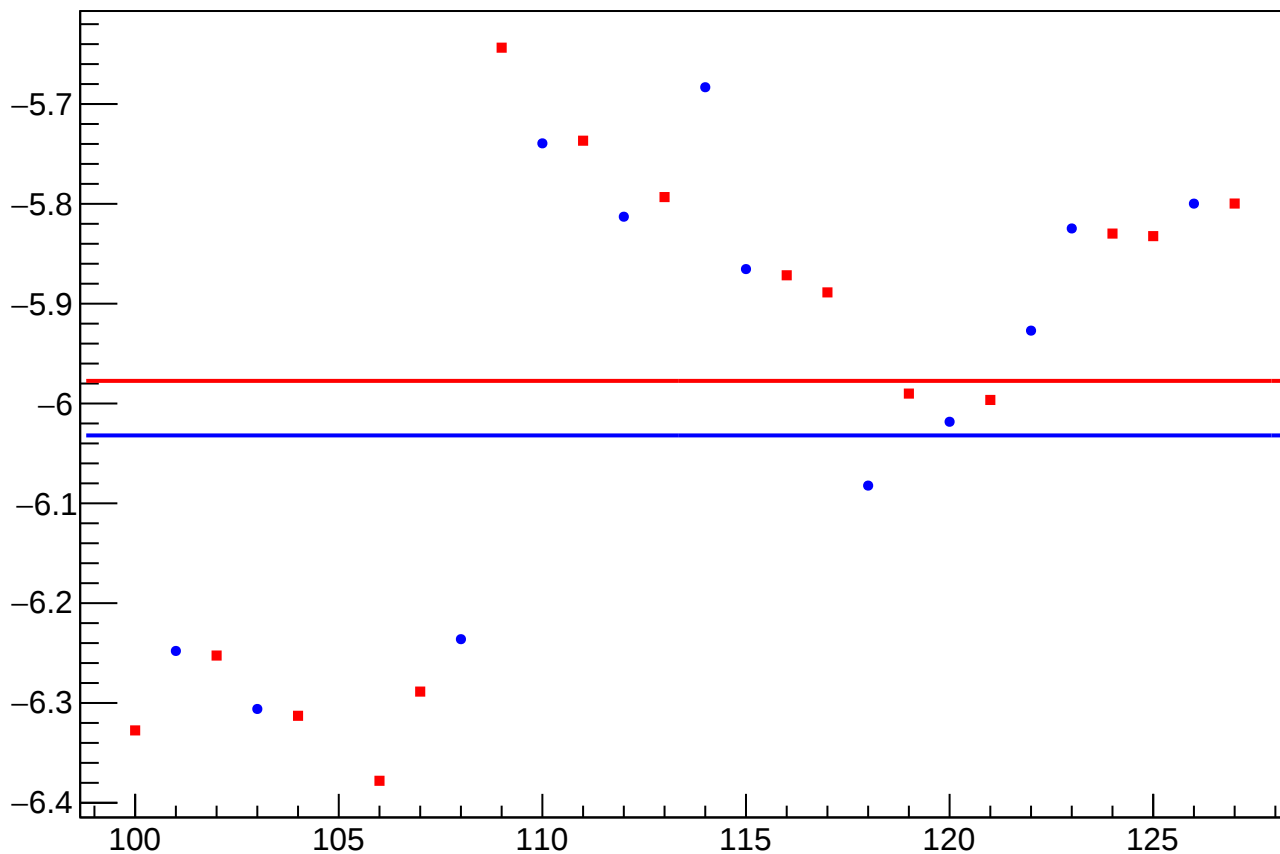
Right Out: 0.006+/-0.000 χ^2/NDF : 192720.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 178741.8/11

0.006+/-0.000 χ^2/NDF : 192720.1/14

yield_bpm0l01Y_mean vs Slug



Right In: -6.032+/-0.000 χ^2/NDF : 5886355095.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

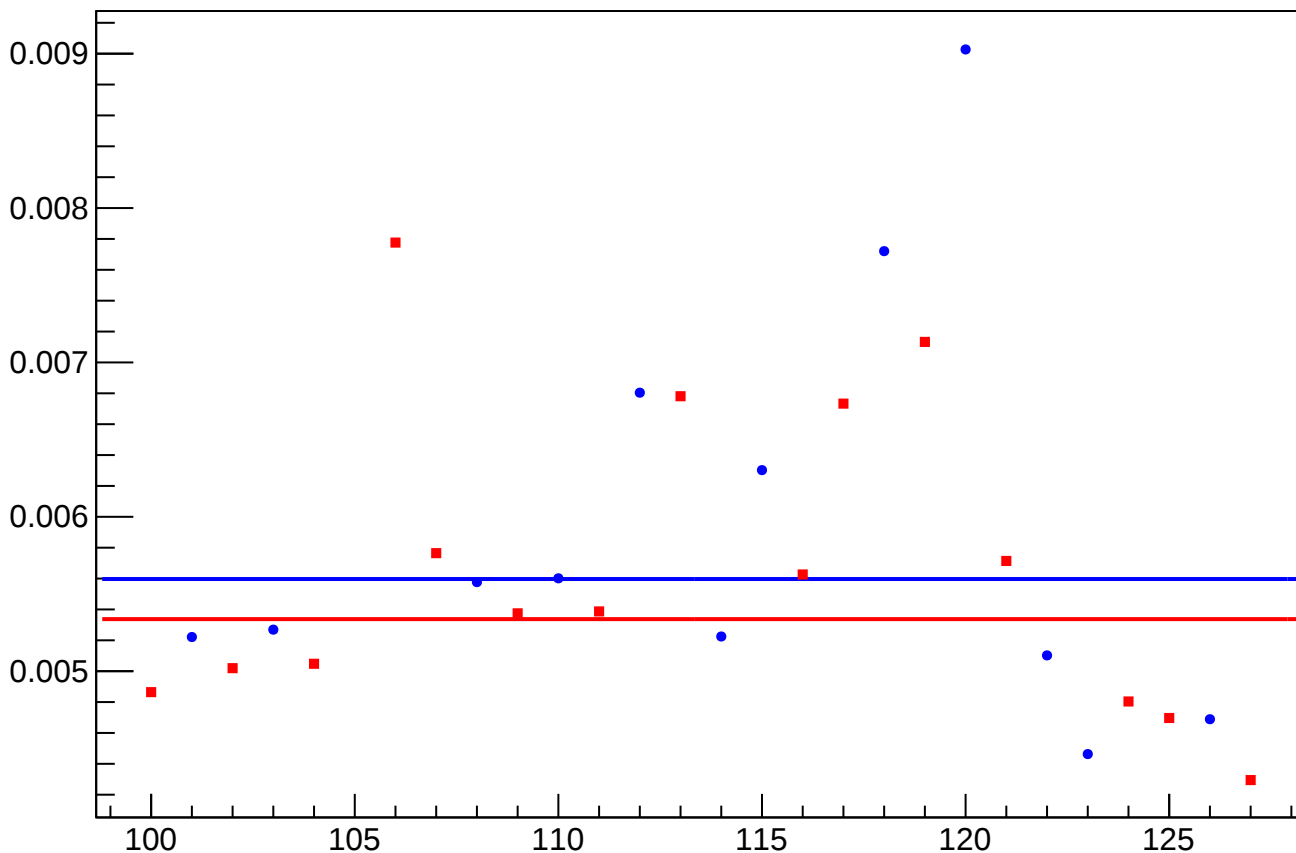
Right Out: -5.977+/-0.000 χ^2/NDF : 9741808801.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.032+/-0.000 χ^2/NDF : 5886355095.3/11

-5.977+/-0.000 χ^2/NDF : 9741808801.2/14

yield_bpm0l01Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 228801.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

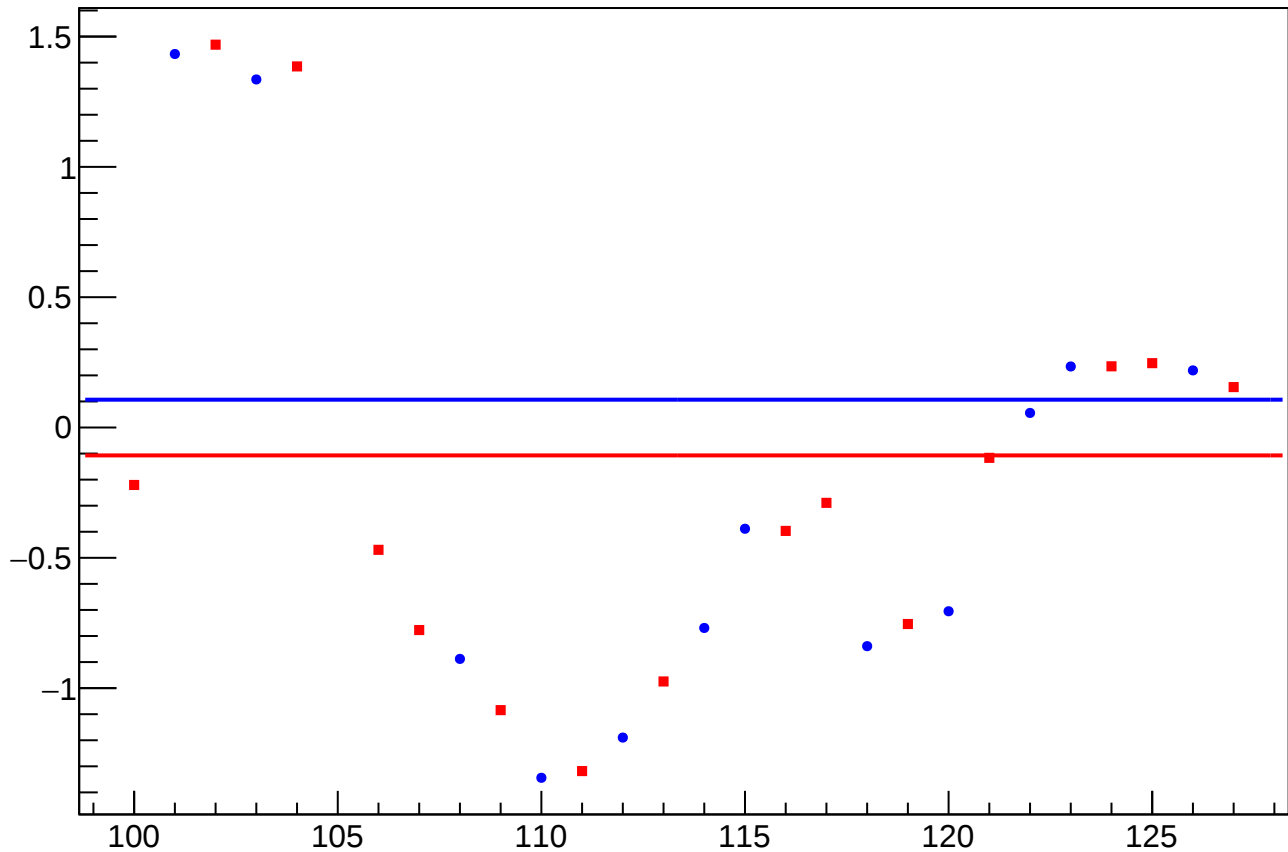
Right Out: 0.005+/-0.000 χ^2/NDF : 222039.7/14

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 : 222039.7/14

yield_bpm0l02X_mean vs Slug



Right In: 0.107+/-0.000 χ^2/NDF : 16361377130.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

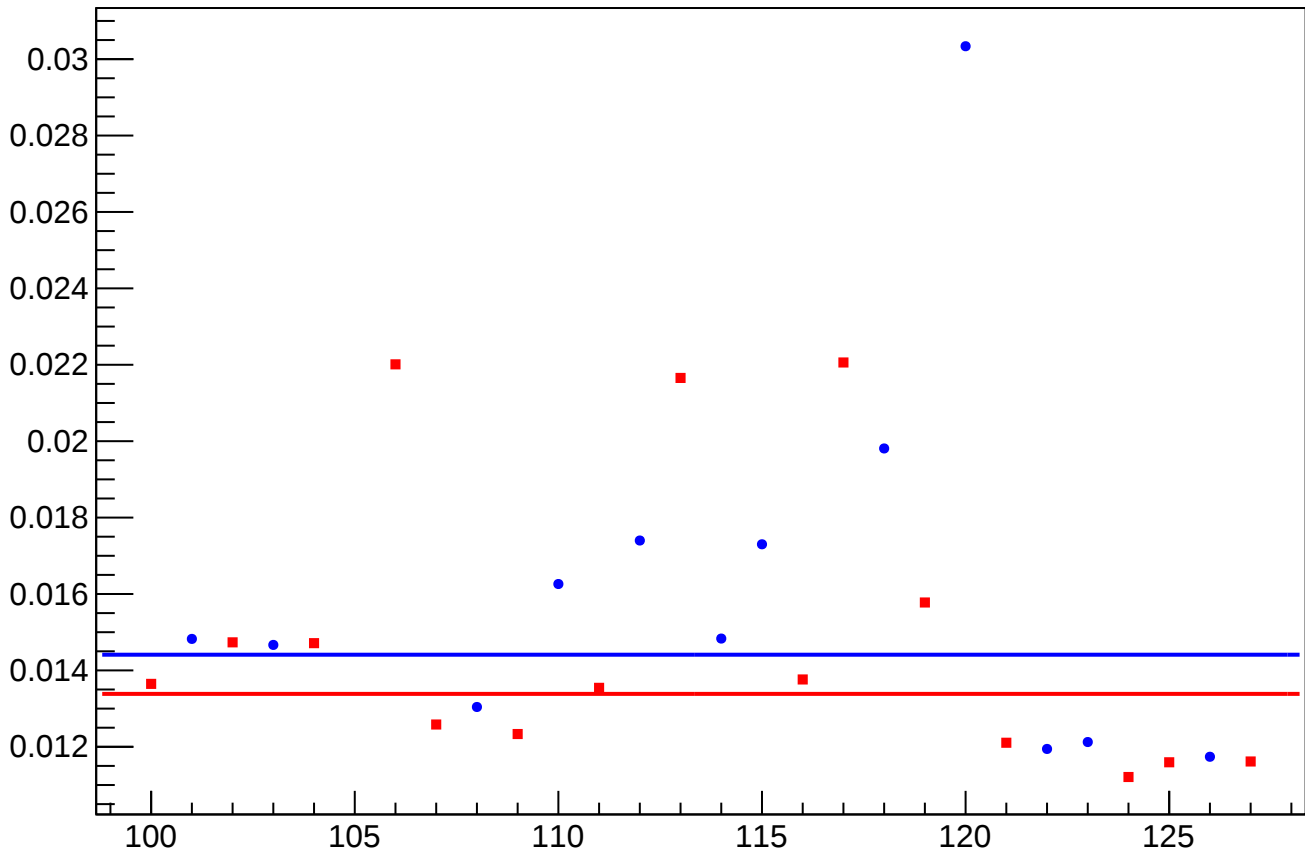
0.107+/-0.000 χ^2/NDF : 16361377130.5/11

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 : 20499278986.4/14

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 318329.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

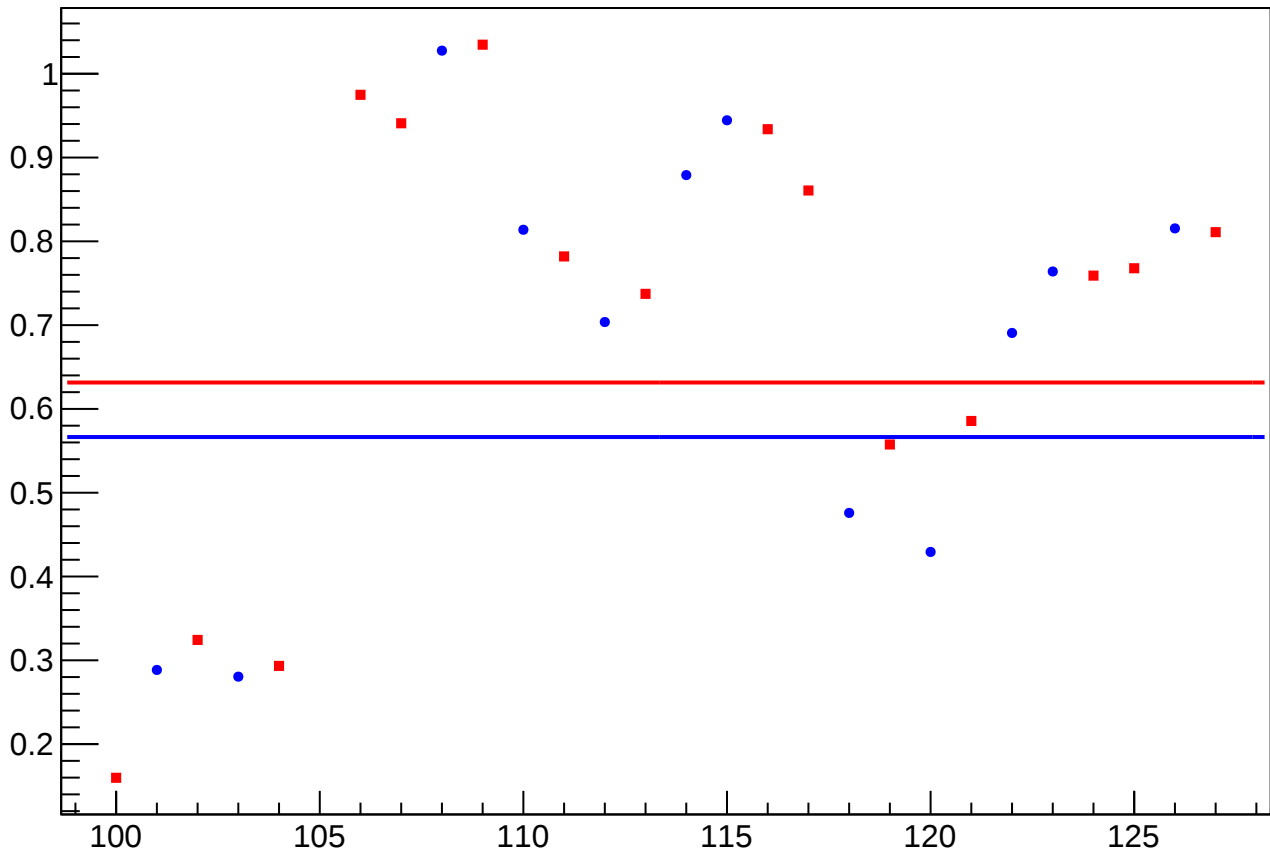
Right Out: 0.013+/-0.000 χ^2/NDF : 266870.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 318329.1/11

0.013+/-0.000 χ^2/NDF : 266870.3/14

yield_bpm0l02Y_mean vs Slug



Right In: 0.566+/-0.000 χ^2/NDF : 4192690308.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

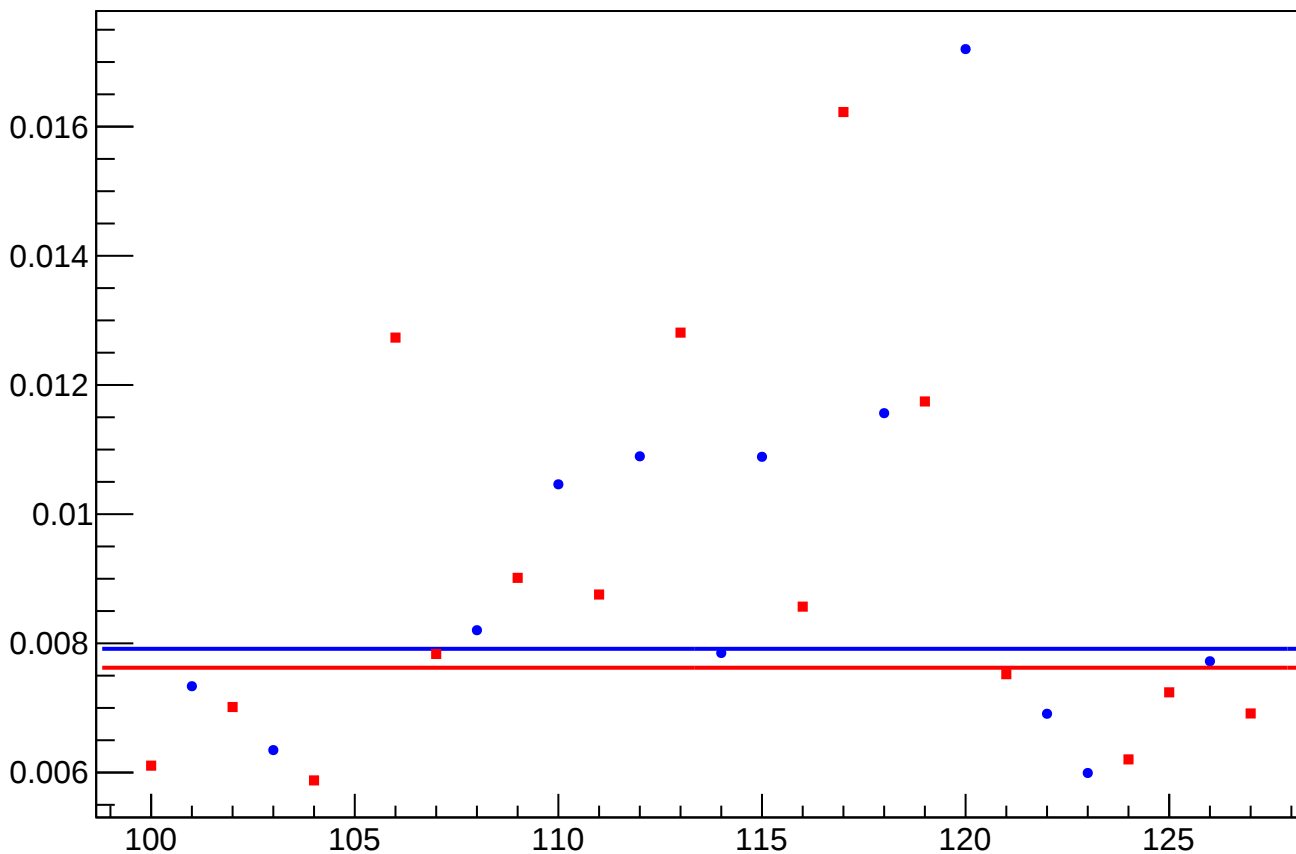
0.566+/-0.000 χ^2/NDF : 4192690308.6/11

Right Out: 0.632+/-0.000 χ^2/NDF : 5446973316.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.632+/-0.000 χ^2/NDF : 5446973316.3/14

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 445207.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

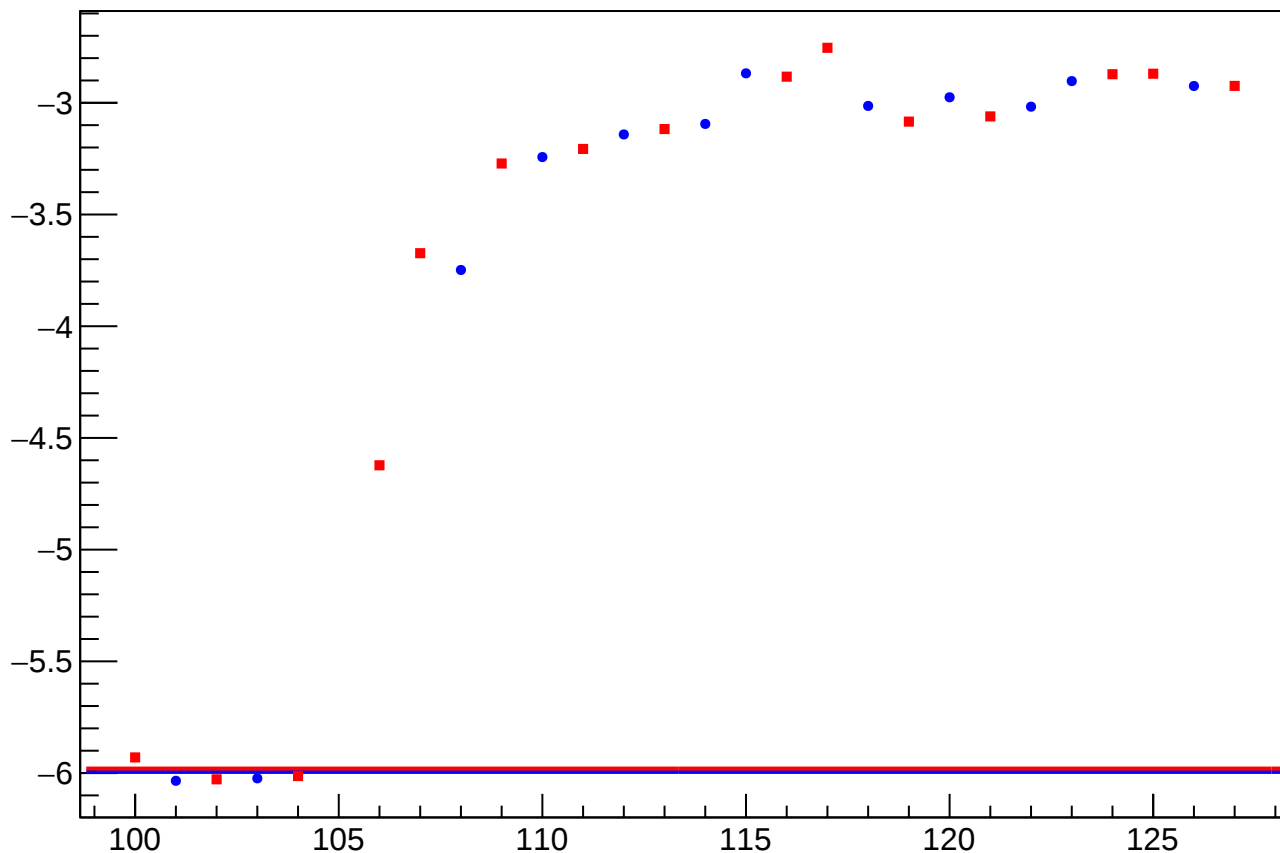
Right Out: 0.008+/-0.000 χ^2/NDF : 453399.2/14

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 : 453399.2/14

yield_bpm0l03X_mean vs Slug



Right In: -5.995+/-0.000 χ^2/NDF : 4198316255.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

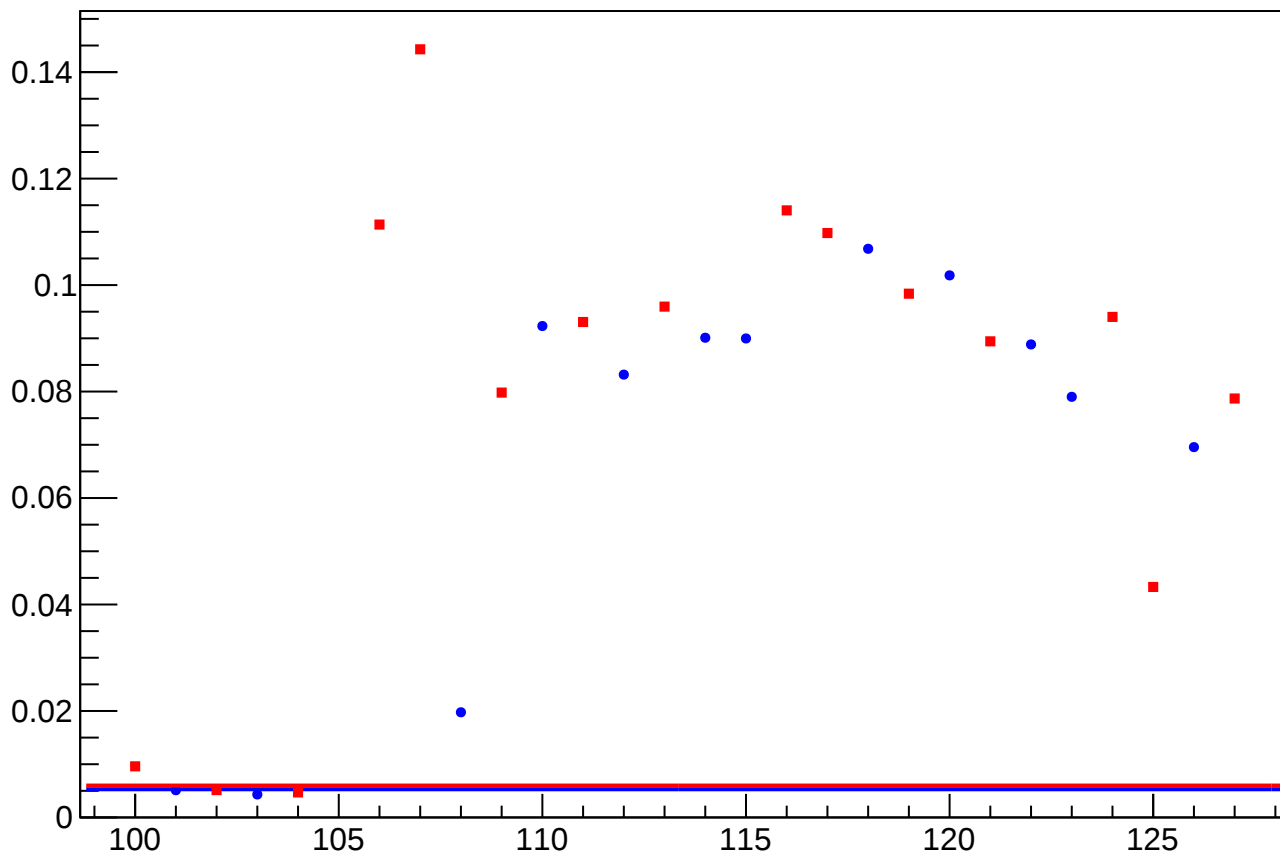
Right Out: -5.980+/-0.000 χ^2/NDF : 4296513210.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.995+/-0.000 χ^2/NDF : 4198316255.3/11

-5.980+/-0.000 χ^2/NDF : 4296513210.8/14

yield_bpm0l03X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 4517105.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

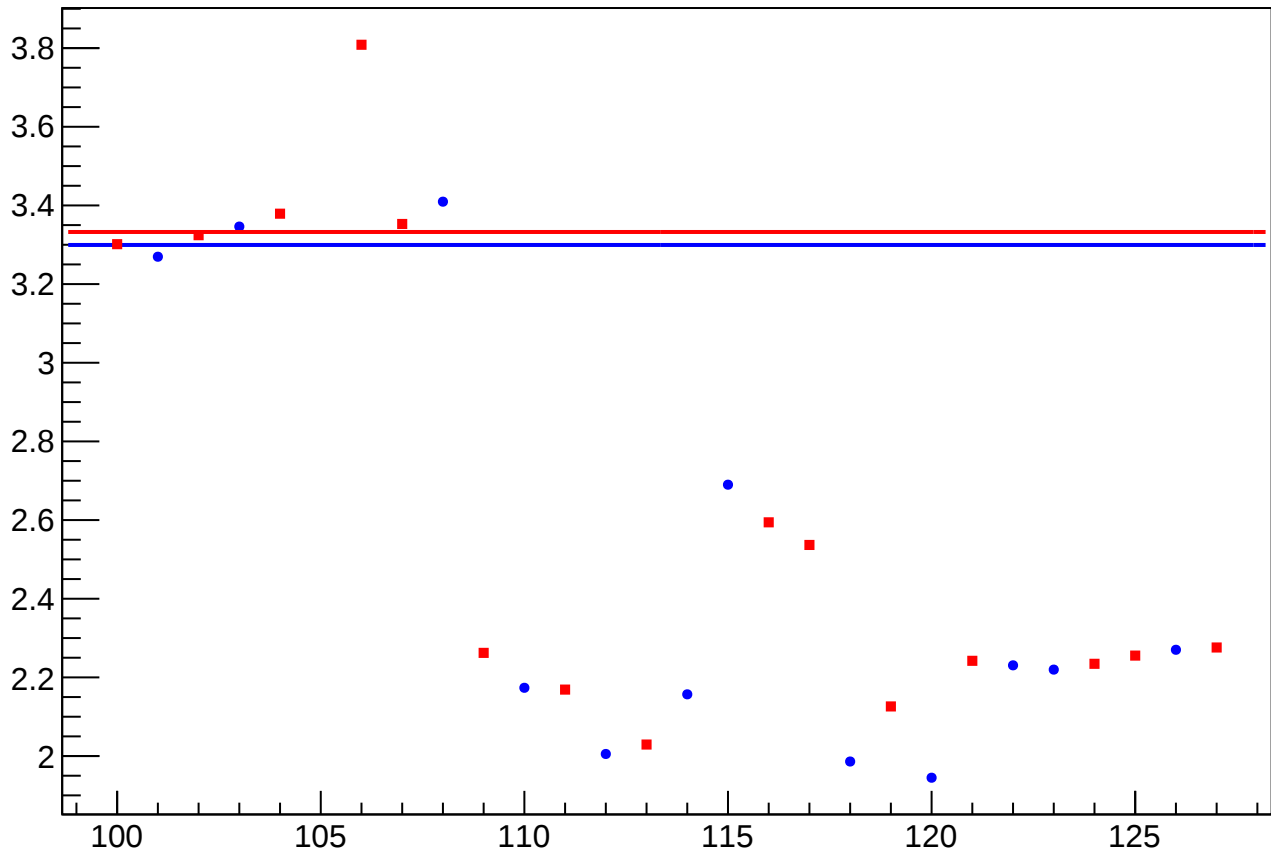
Right Out: 0.006+/-0.000 χ^2/NDF : 6537568.0/14

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 : 6537568.0/14

yield_bpm0l03Y_mean vs Slug



Right In: 3.299+/-0.000 χ^2/NDF : 438820900.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

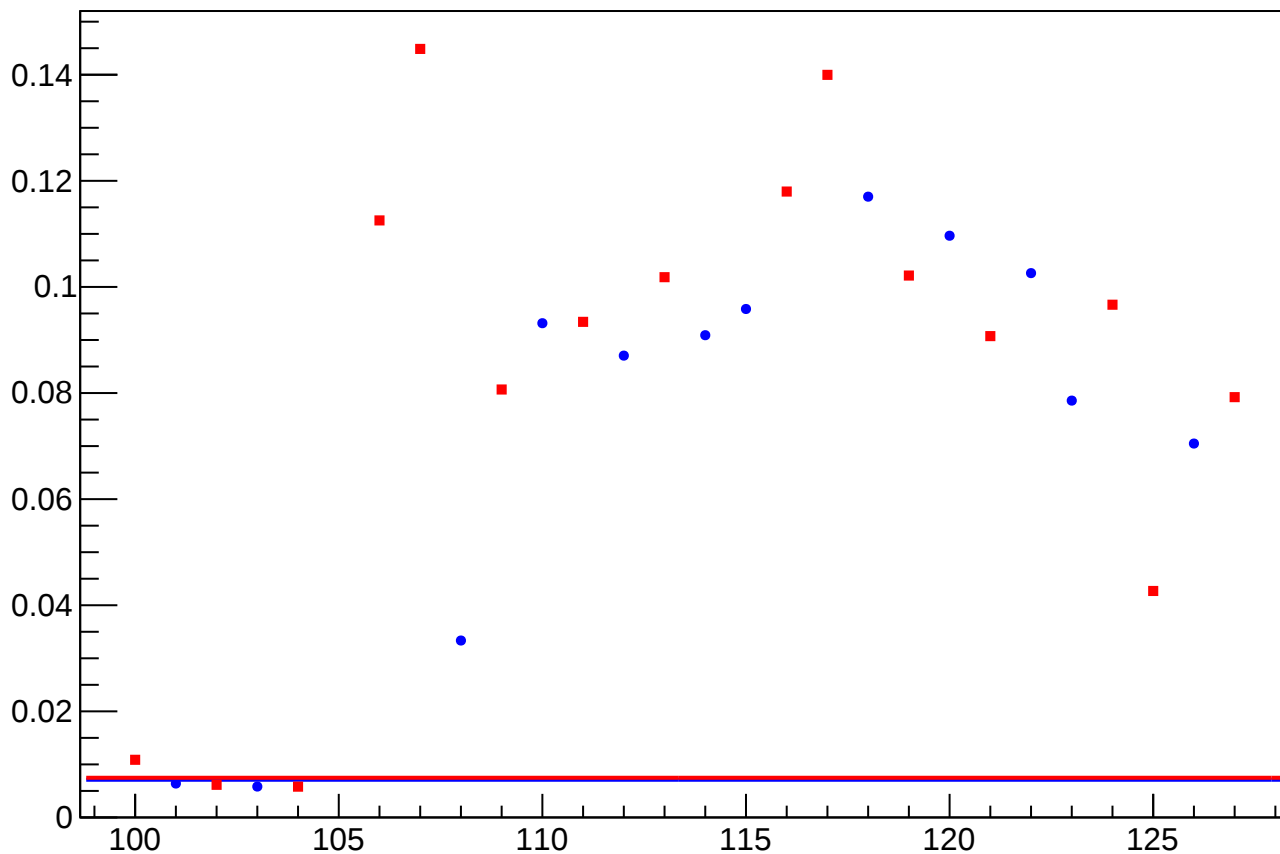
Right Out: 3.332+/-0.000 χ^2/NDF : 598533109.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.299+/-0.000 χ^2/NDF : 438820900.0/11

3.332+/-0.000 χ^2/NDF : 598533109.7/14

yield_bpm0l03Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 4528862.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

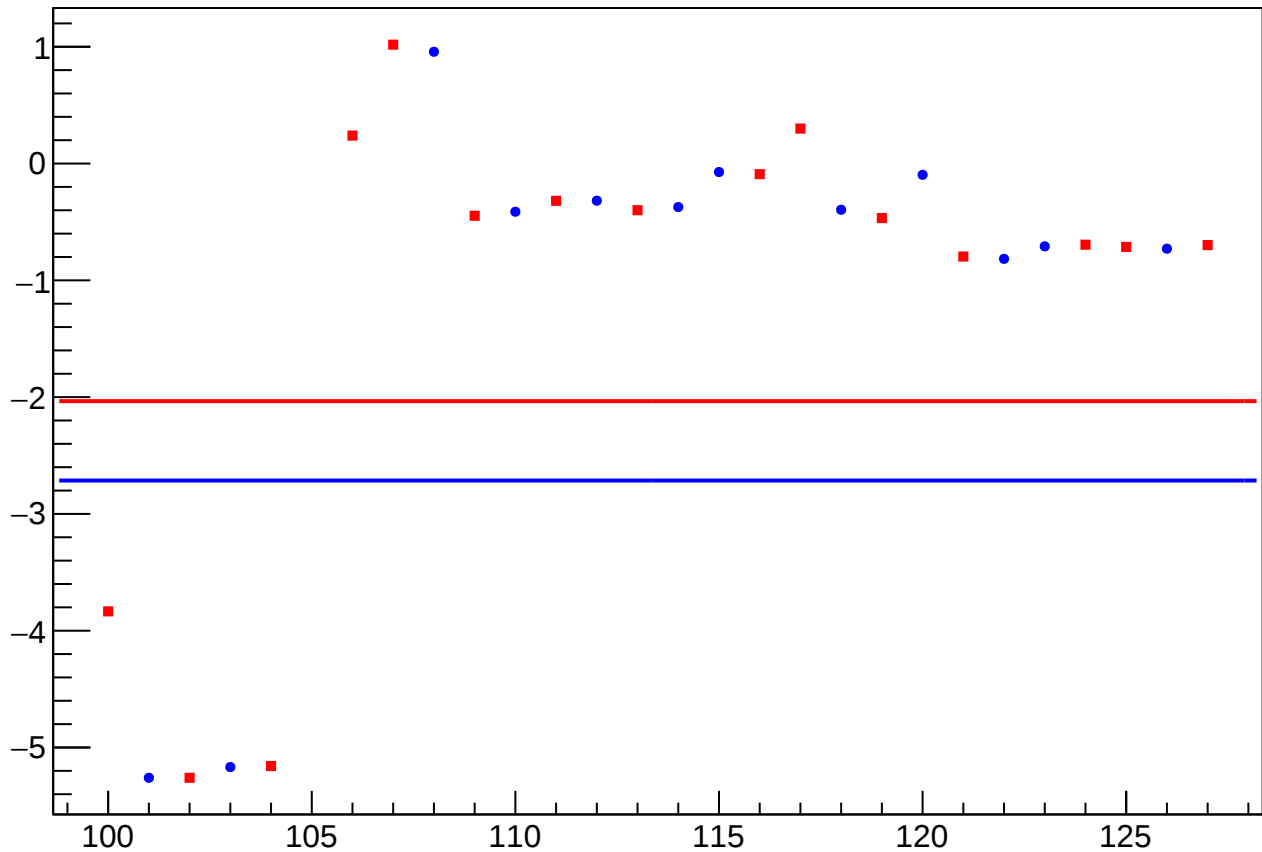
Right Out: 0.007+/-0.000 χ^2/NDF : 6344734.3/14

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 : 6344734.3/14

yield_bpm0l04X_mean vs Slug



Right In: -2.714+/-0.000 χ^2/NDF : 100940732739.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

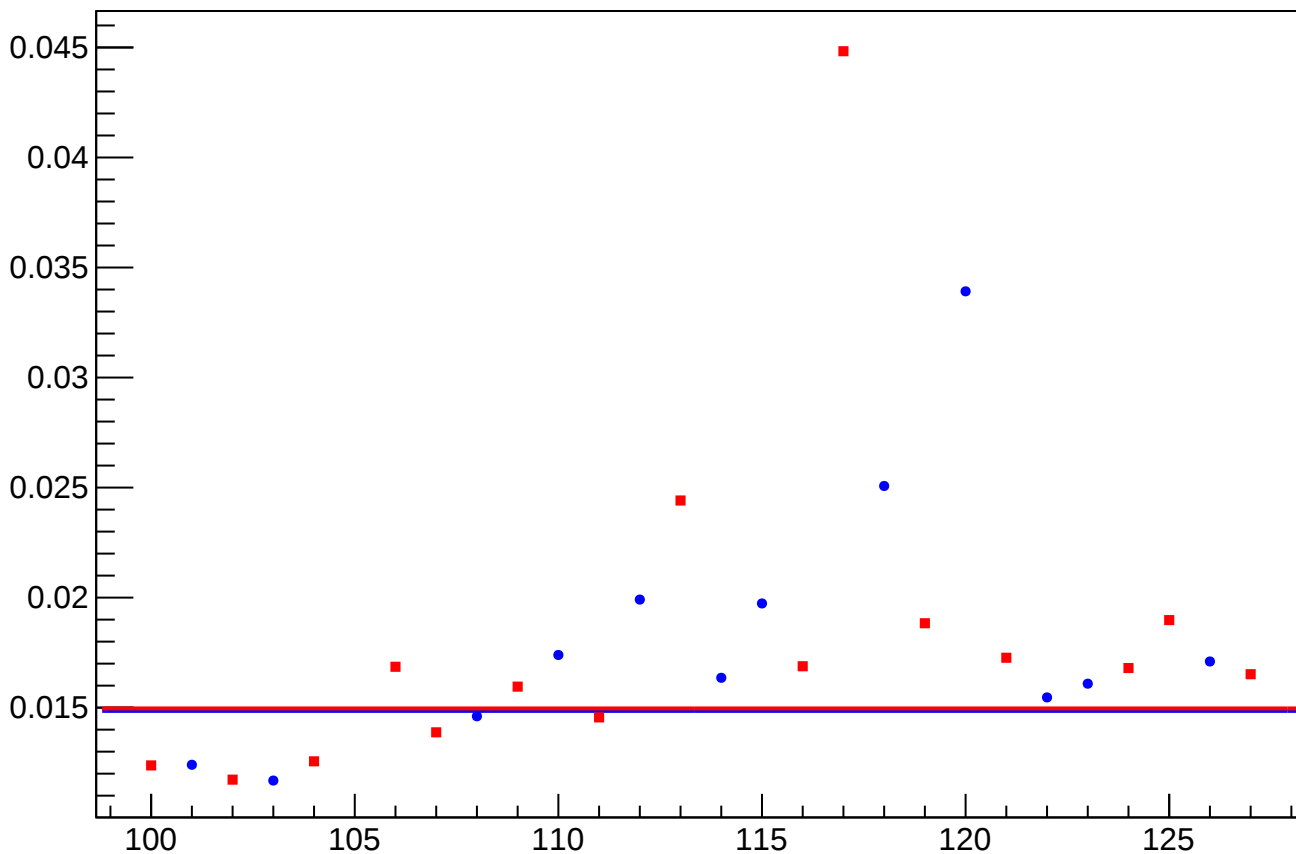
Right Out: -2.034+/-0.000 χ^2/NDF : 117620113013.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-2.714+/-0.000 χ^2/NDF : 100940732739.8/11

-2.034+/-0.000 χ^2/NDF : 117620113013.4/14

yield_bpm0l04X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 509707.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

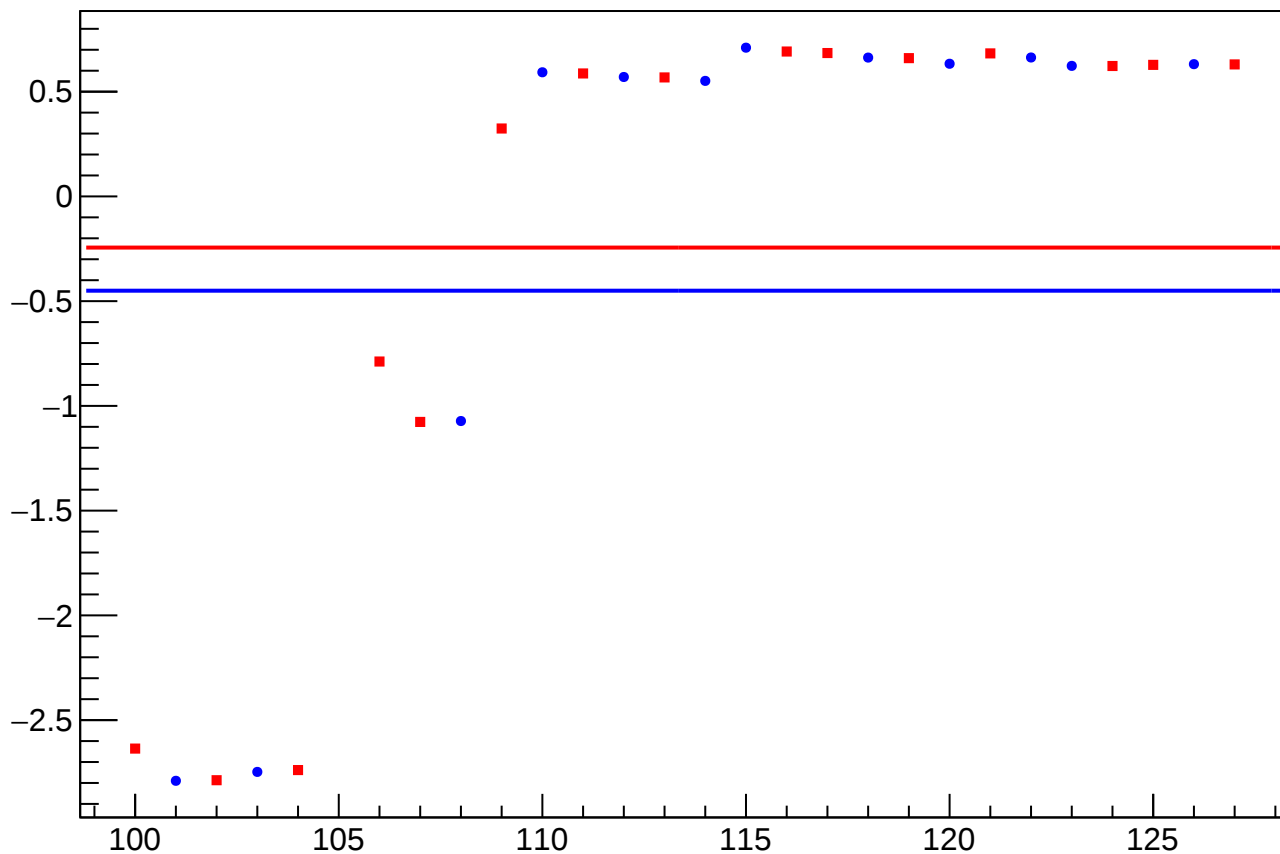
Right Out: 0.015+/-0.000 χ^2/NDF : 351409.1/14

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 : 351409.1/14

yield_bpm0l04Y_mean vs Slug



Right In: -0.450+/-0.000 χ^2/NDF : 630939608878.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

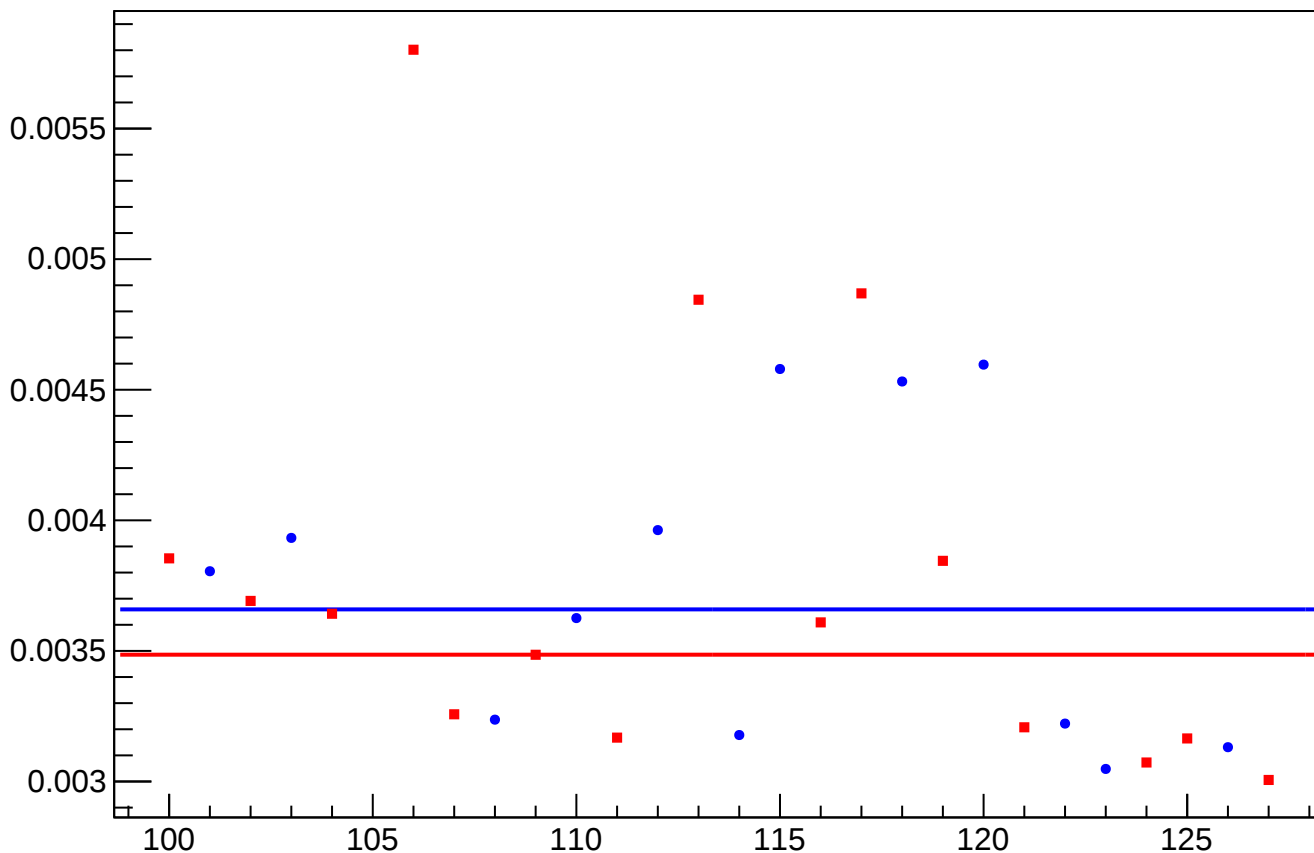
Right Out: -0.244+/-0.000 χ^2/NDF : 733106112200.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.450+/-0.000 χ^2/NDF : 630939608878.6/11

-0.244+/-0.000 χ^2/NDF : 733106112200.2/14

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 135919.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

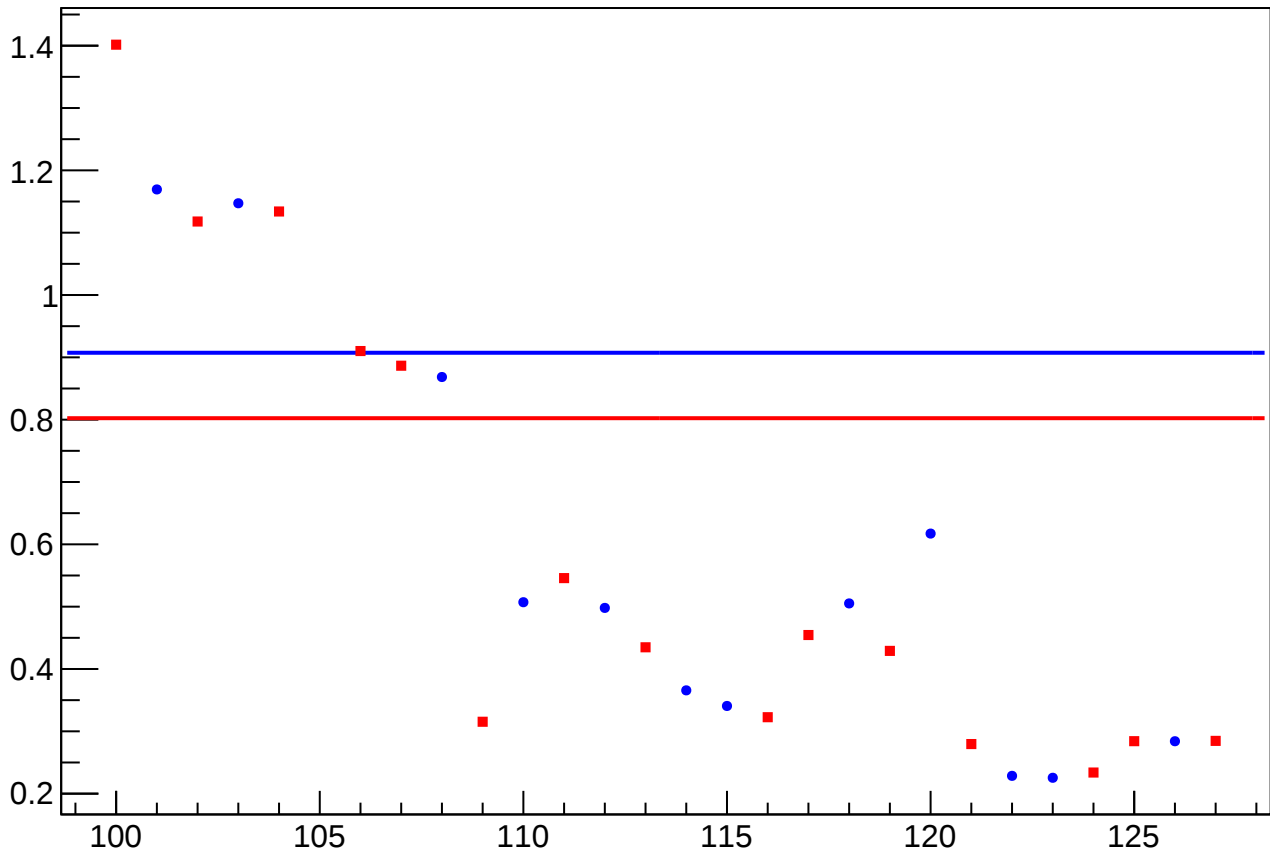
Right Out: 0.003+/-0.000 χ^2/NDF : 218709.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 135919.2/11

0.003+/-0.000 χ^2/NDF : 218709.7/14

yield_bpm0l05X_mean vs Slug



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

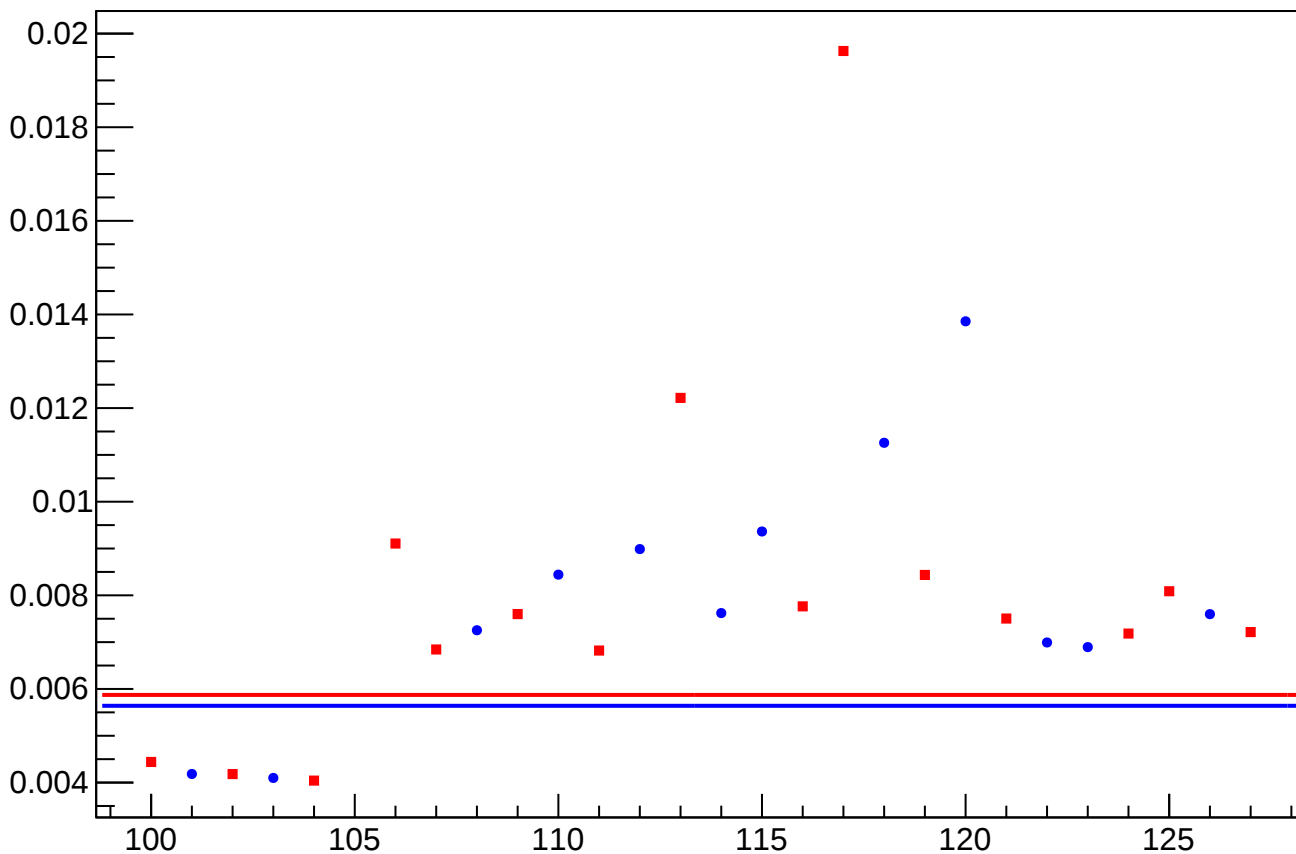
0.907 $\pm$ 0.000 χ^2 /NDF: 13019184988.7/11

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

0.802 $\pm$ 0.000 χ^2 /NDF: 17655065045.9/14

yield_bpm0l05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1003671.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

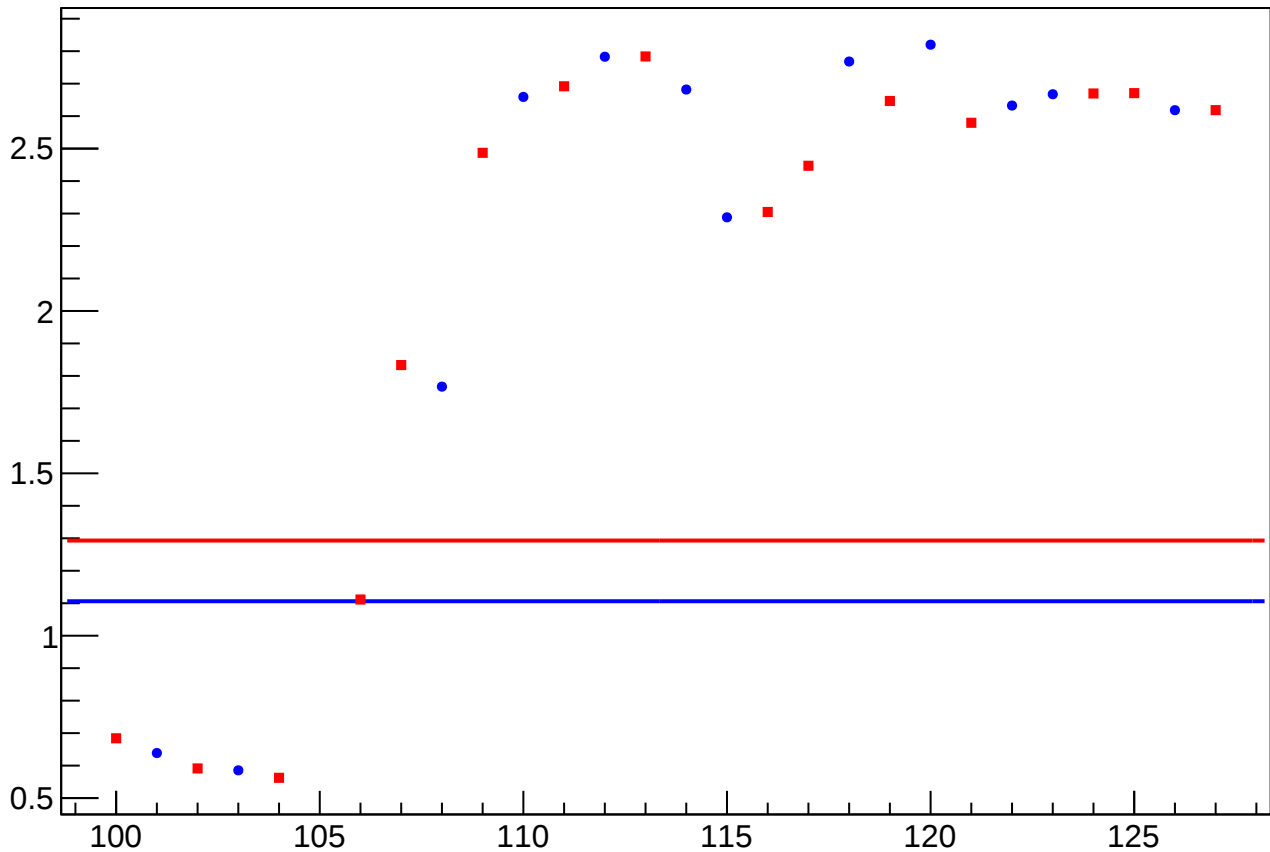
Right Out: 0.006+/-0.000 χ^2/NDF : 933966.0/14

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 : 933966.0/14

yield_bpm0l05Y_mean vs Slug



Right In: 1.106+/-0.000 χ^2/NDF : 77799875259.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

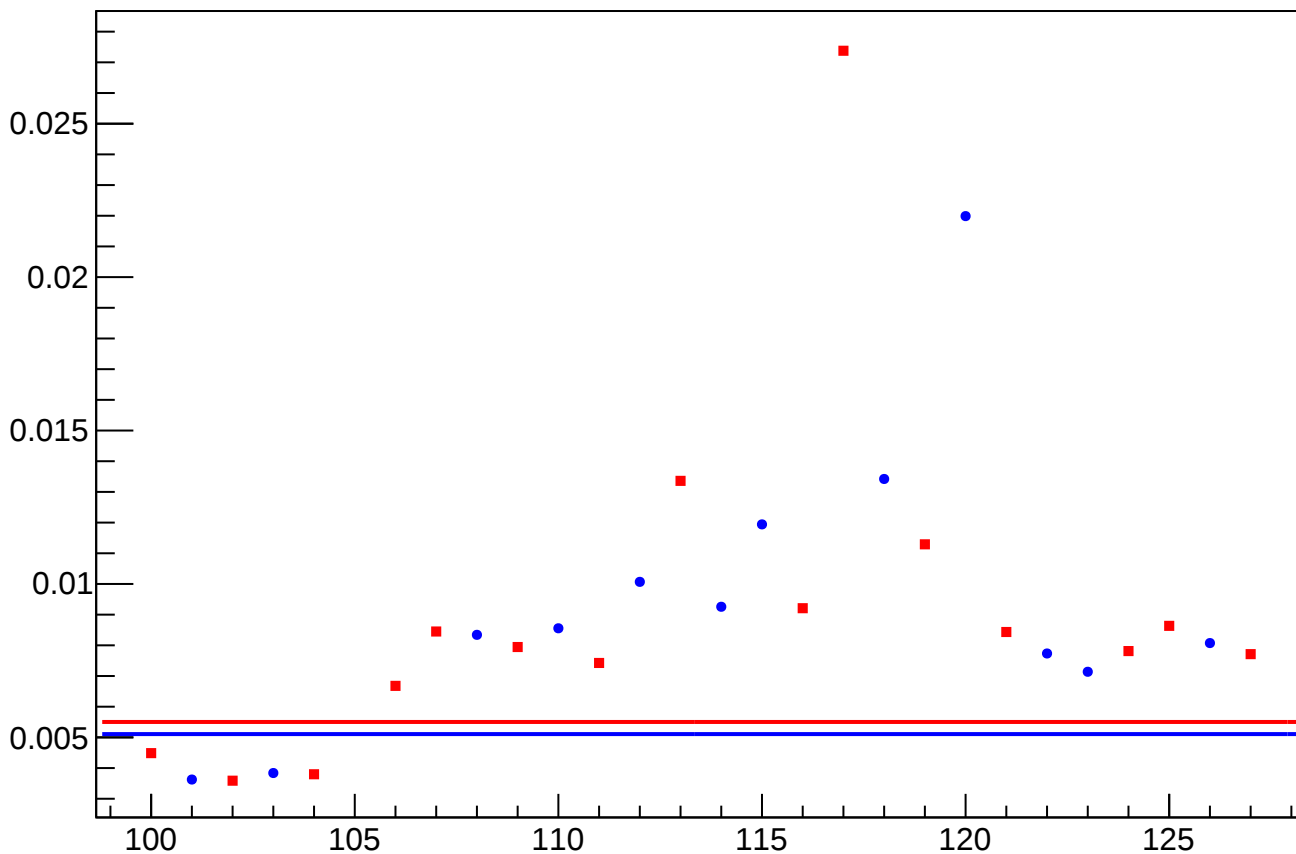
1.106+/-0.000 χ^2/NDF : 77799875259.0/11

Right Out: 1.293+/-0.000 χ^2/NDF : 108663676383.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.293+/-0.000 χ^2/NDF : 108663676383.0/14

yield_bpm0l05Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1482049.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

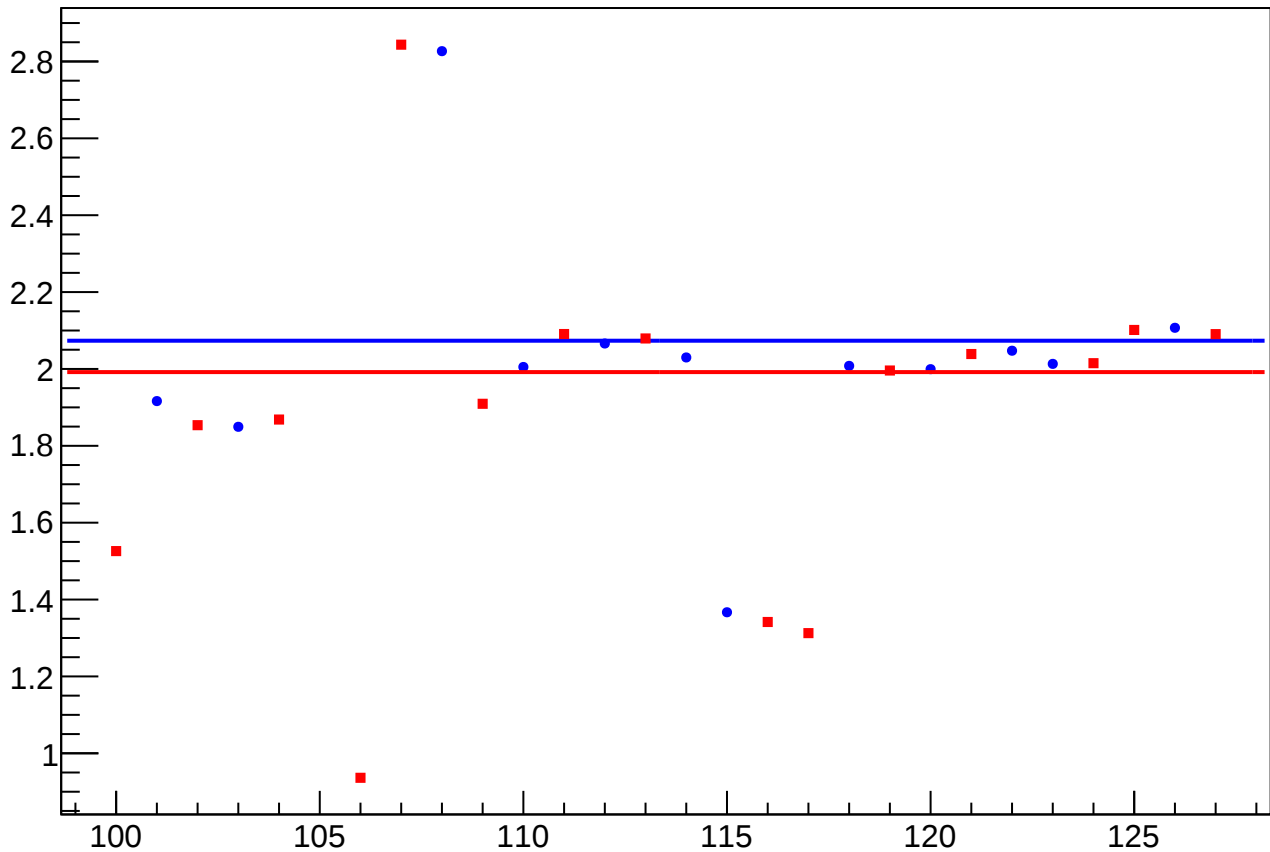
Right Out: 0.006+/-0.000 χ^2/NDF : 1460555.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1482049.0/11

0.006+/-0.000 χ^2/NDF : 1460555.7/14

yield_bpm0l06X_mean vs Slug



Right In: 2.073+/-0.000 χ^2/NDF : 7402153346.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

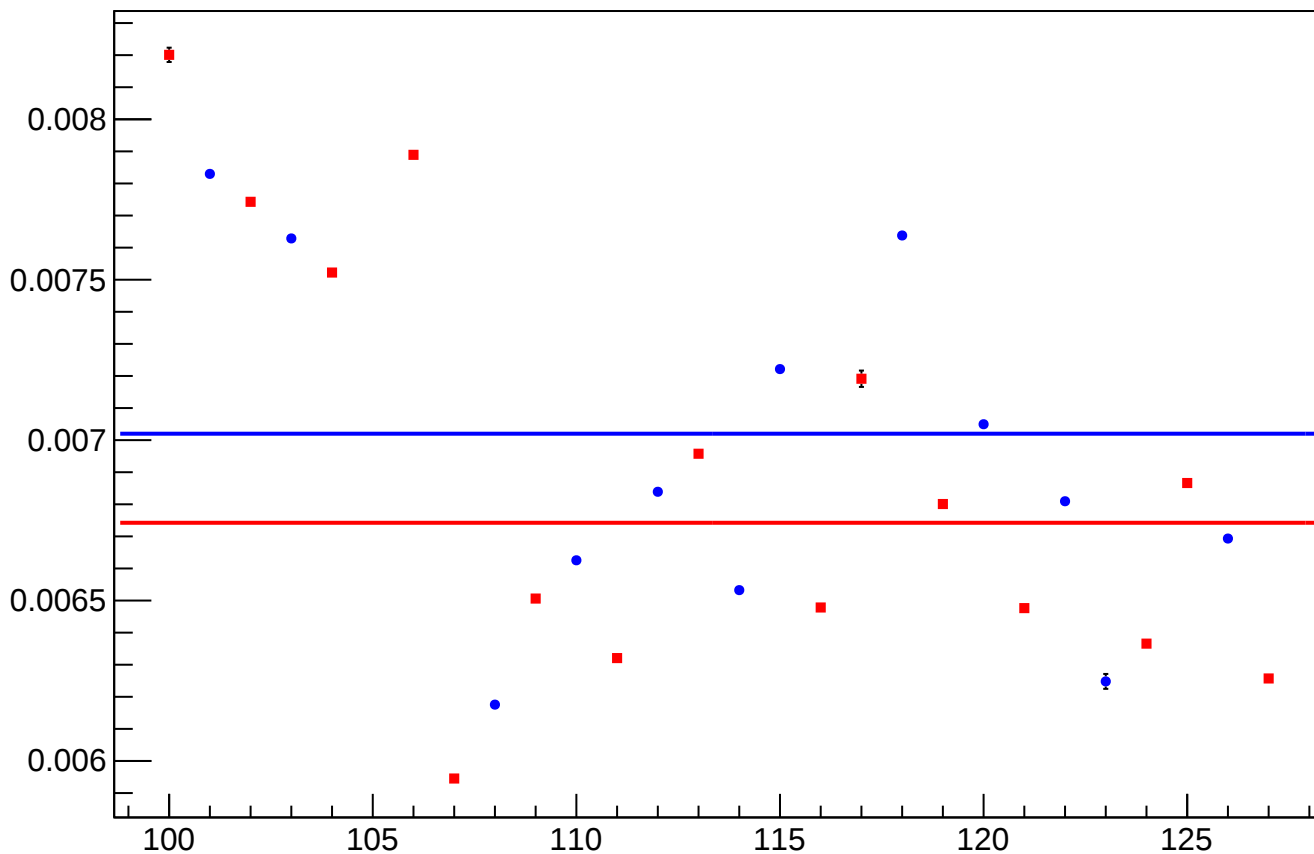
2.073+/-0.000 χ^2/NDF : 7402153346.1/11

Right Out: 1.992+/-0.000 χ^2/NDF : 15627499328.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.992+/-0.000 χ^2/NDF : 15627499328.7/14

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 46183.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

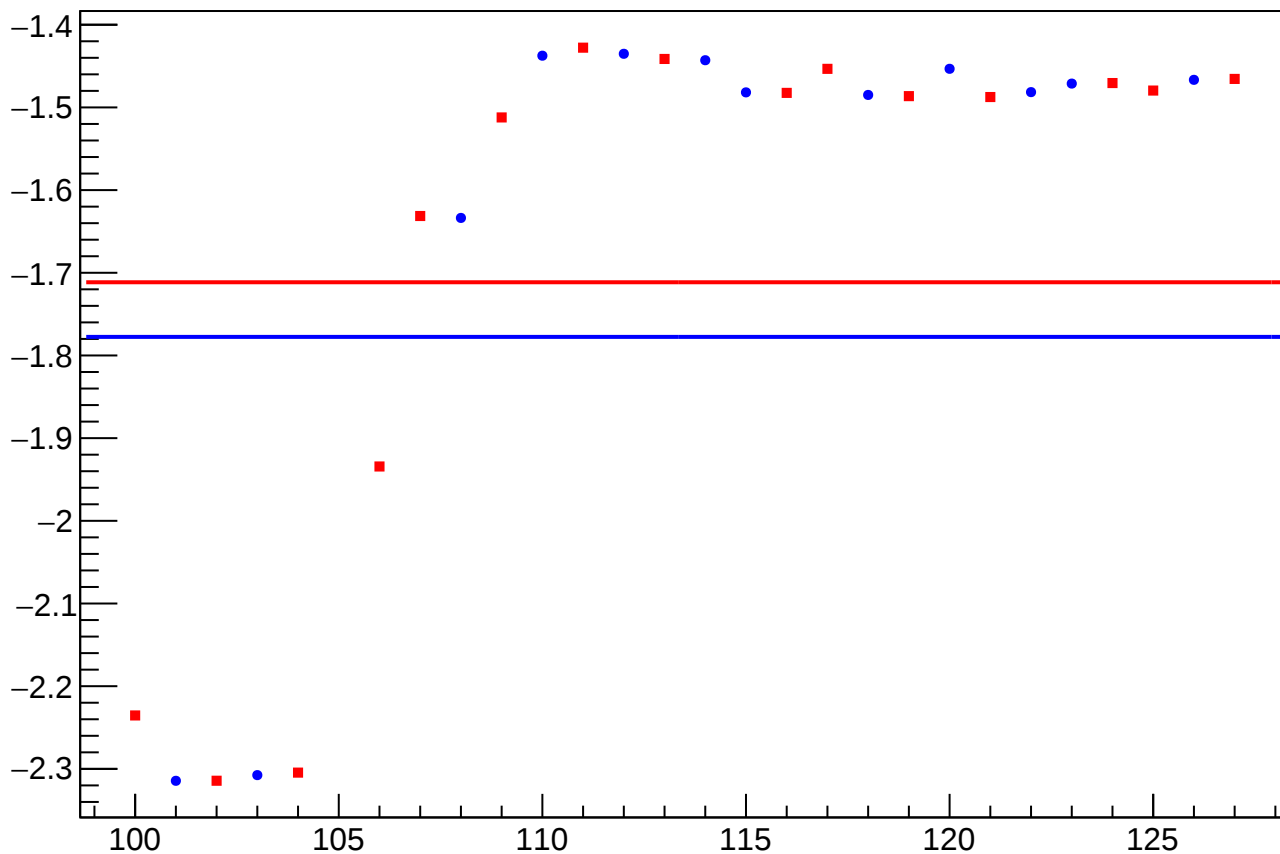
Right Out: 0.007+/-0.000 χ^2/NDF : 70225.4/14

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 : 70225.4/14

yield_bpm0l06Y_mean vs Slug



Right In: -1.778+/-0.000 χ^2/NDF : 85893286707.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

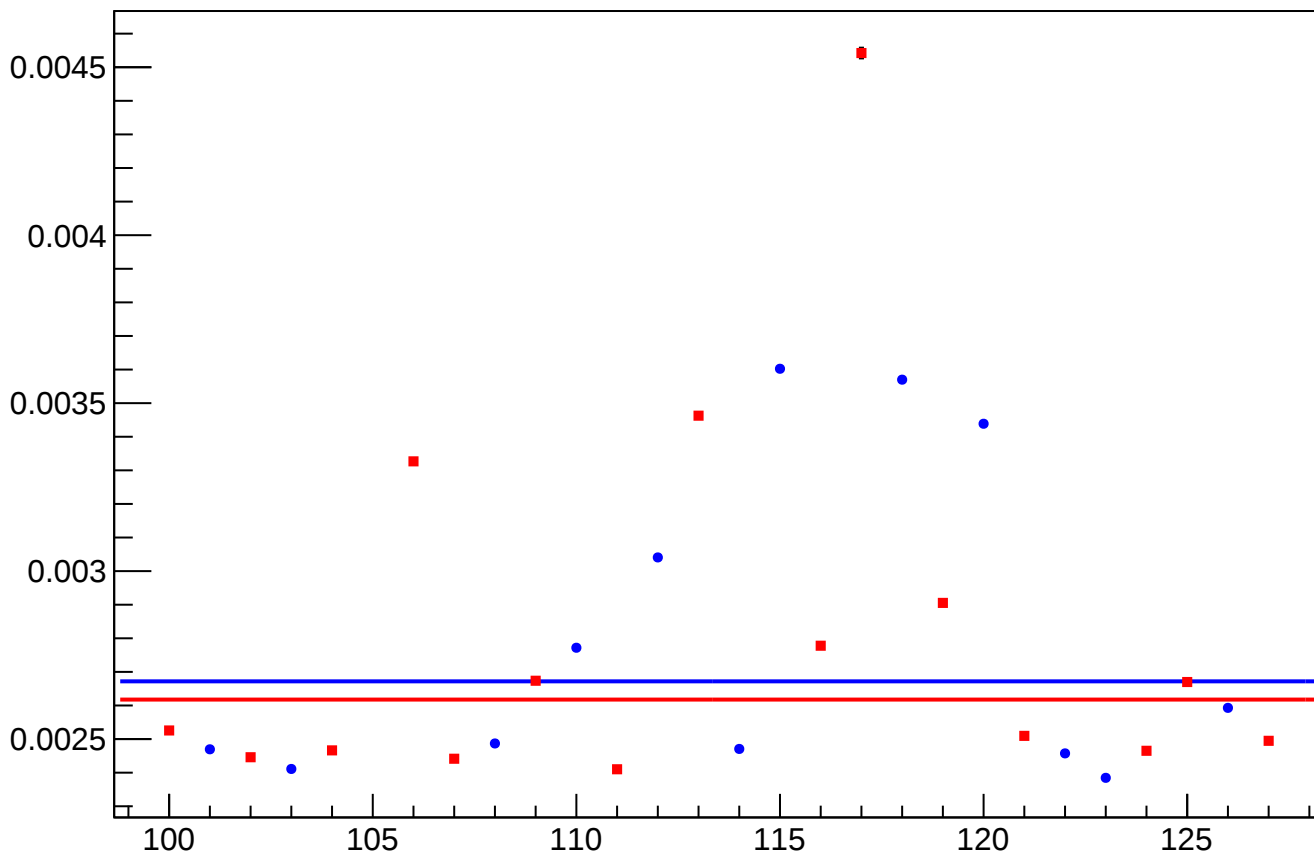
Right Out: -1.711+/-0.000 χ^2/NDF : 91493830953.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.778+/-0.000 χ^2/NDF : 85893286707.7/11

-1.711+/-0.000 χ^2/NDF : 91493830953.5/14

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 147983.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

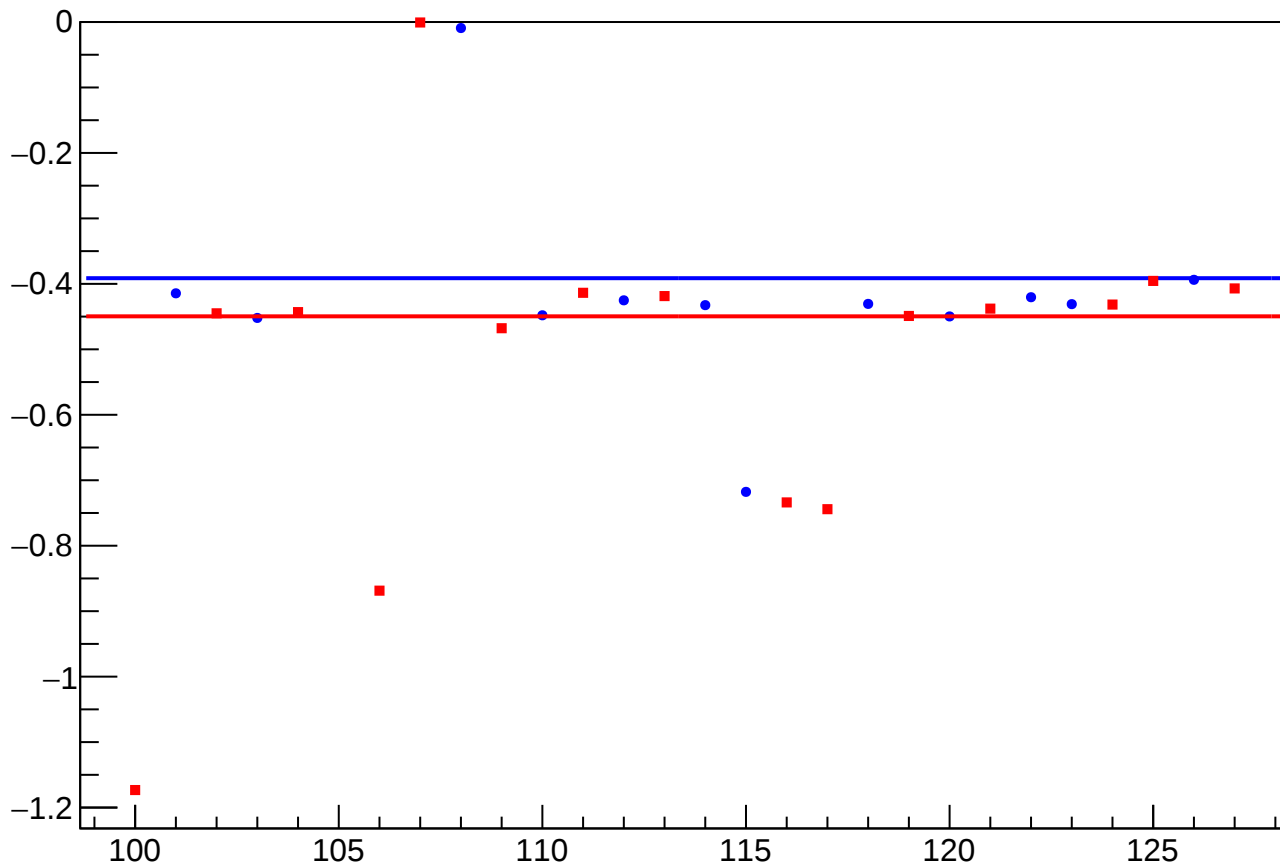
Right Out: 0.003+/-0.000 χ^2/NDF : 116941.3/14

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 : 116941.3/14

yield_bpm0l07X_mean vs Slug



Right In: -0.391+/-0.000 χ^2/NDF : 657211620.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

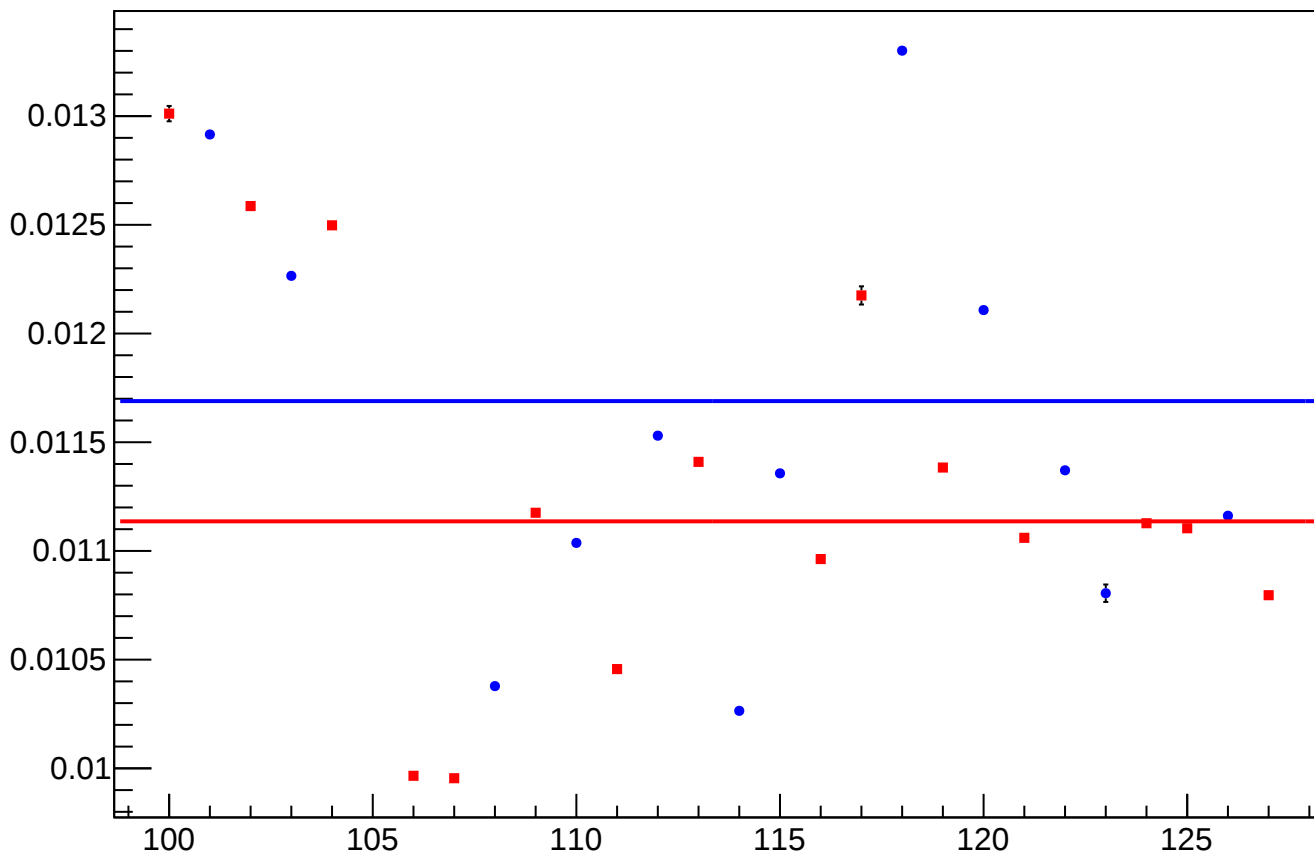
Right Out: -0.450+/-0.000 χ^2/NDF : 1649167074.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.391+/-0.000 χ^2/NDF : 657211620.7/11

-0.450+/-0.000 χ^2/NDF : 1649167074.1/14

yield_bpm0l07X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 49002.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

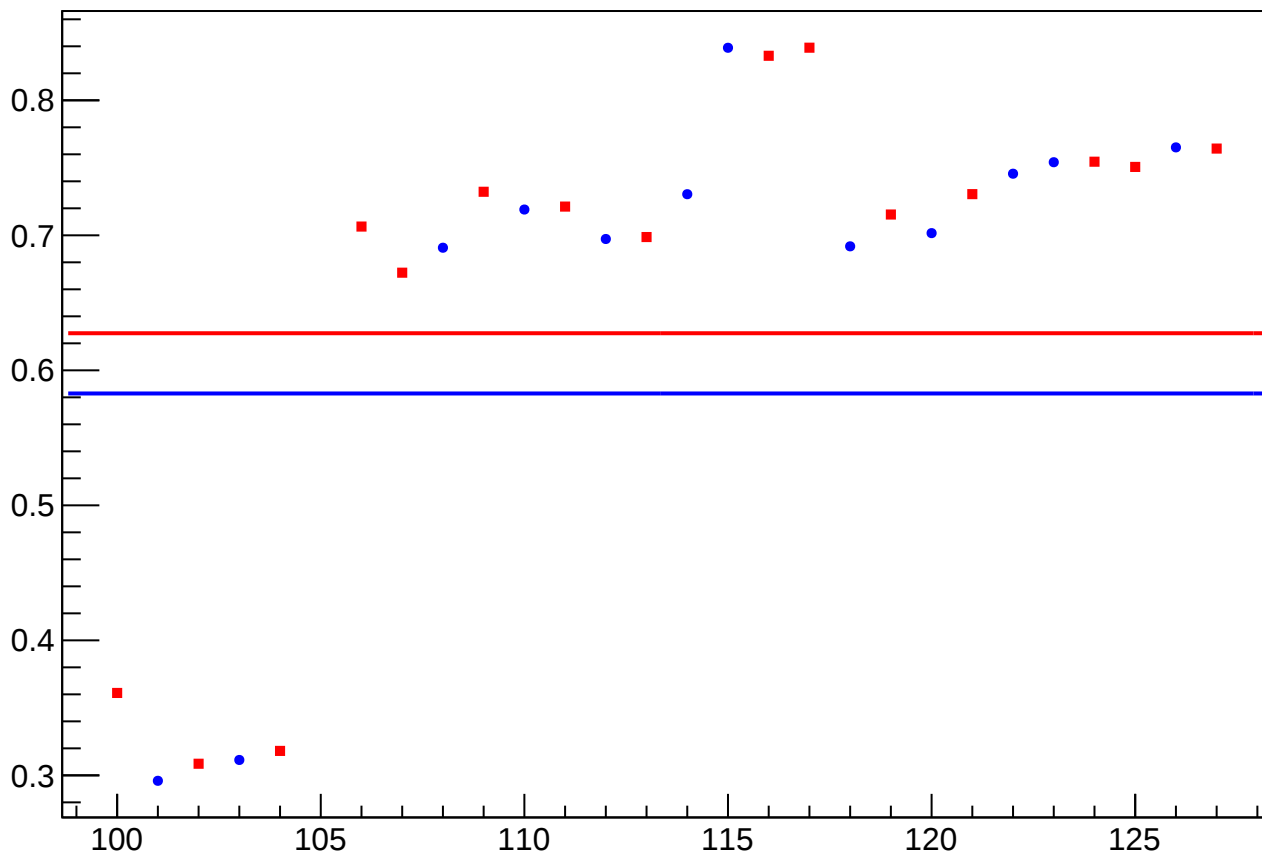
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 52417.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 49002.2/11

0.011 $\pm$ 0.000 χ^2 /NDF: 52417.2/14

yield_bpm0l07Y_mean vs Slug



Right In: 0.583+/-0.000 χ^2/NDF : 23666985577.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

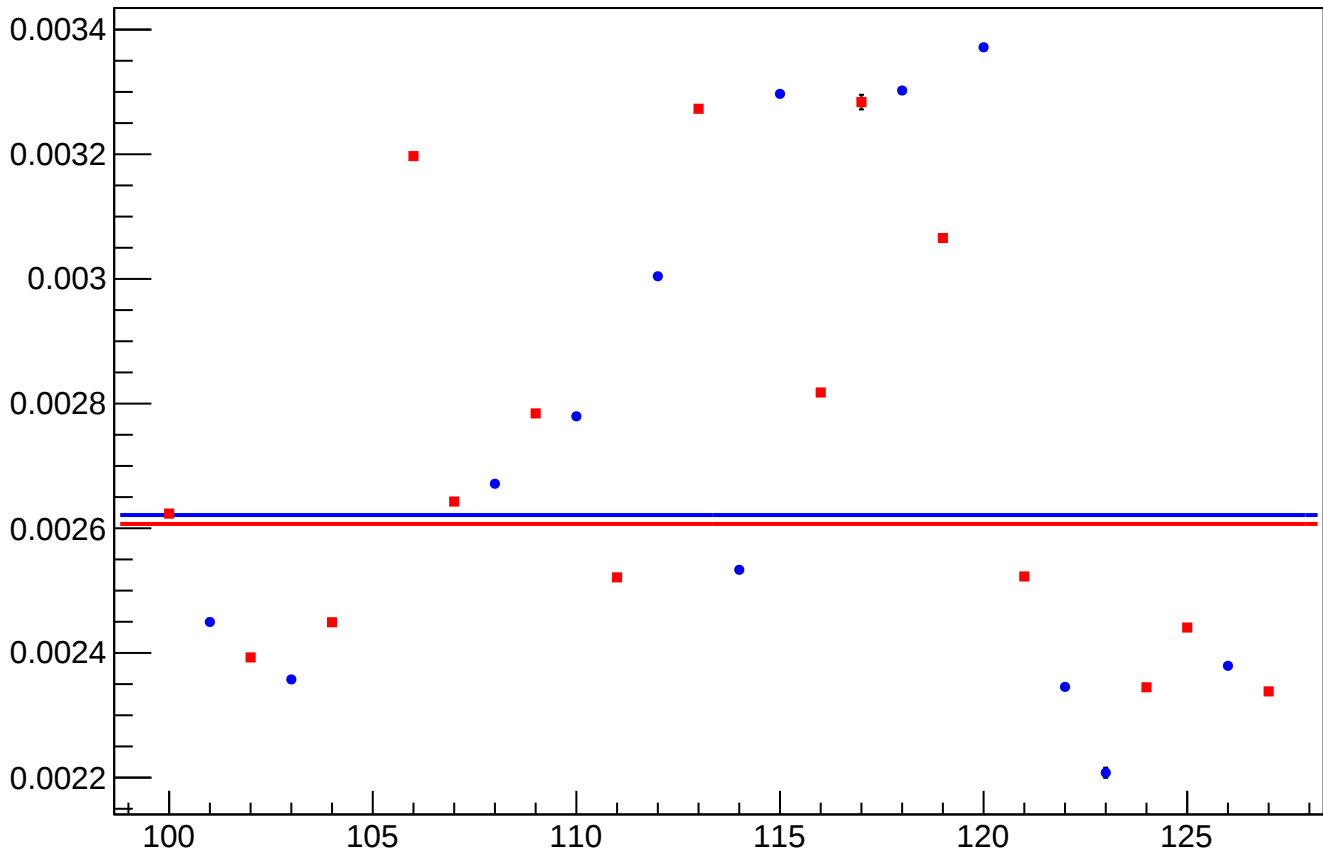
Right Out: 0.627+/-0.000 χ^2/NDF : 24720226682.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.583+/-0.000 χ^2/NDF : 23666985577.3/11

0.627+/-0.000 χ^2/NDF : 24720226682.8/14

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 136237.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

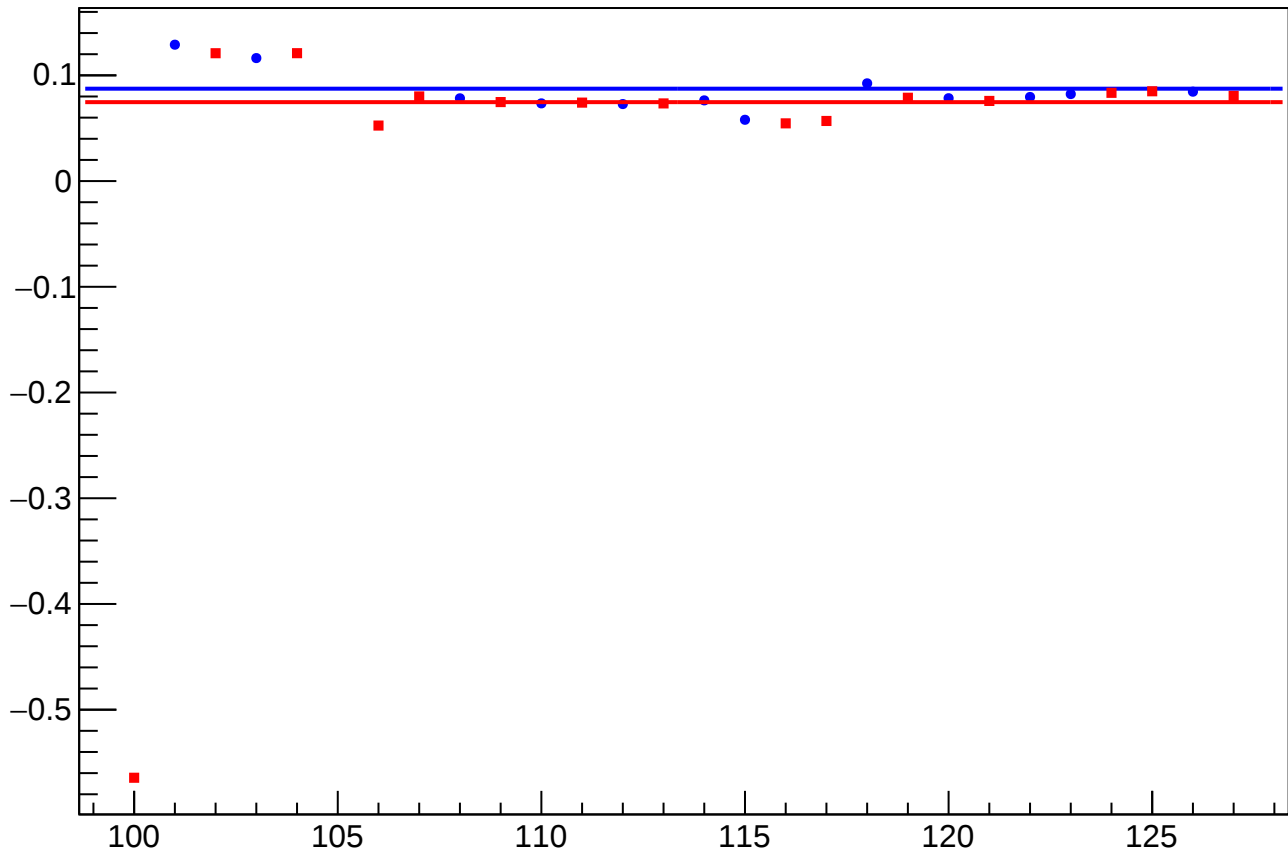
Right Out: 0.003+/-0.000 χ^2/NDF : 110262.1/14

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 : 110262.1/14

yield_bpm0l08X_mean vs Slug



Right In: 0.087+/-0.000 χ^2/NDF : 14889581.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

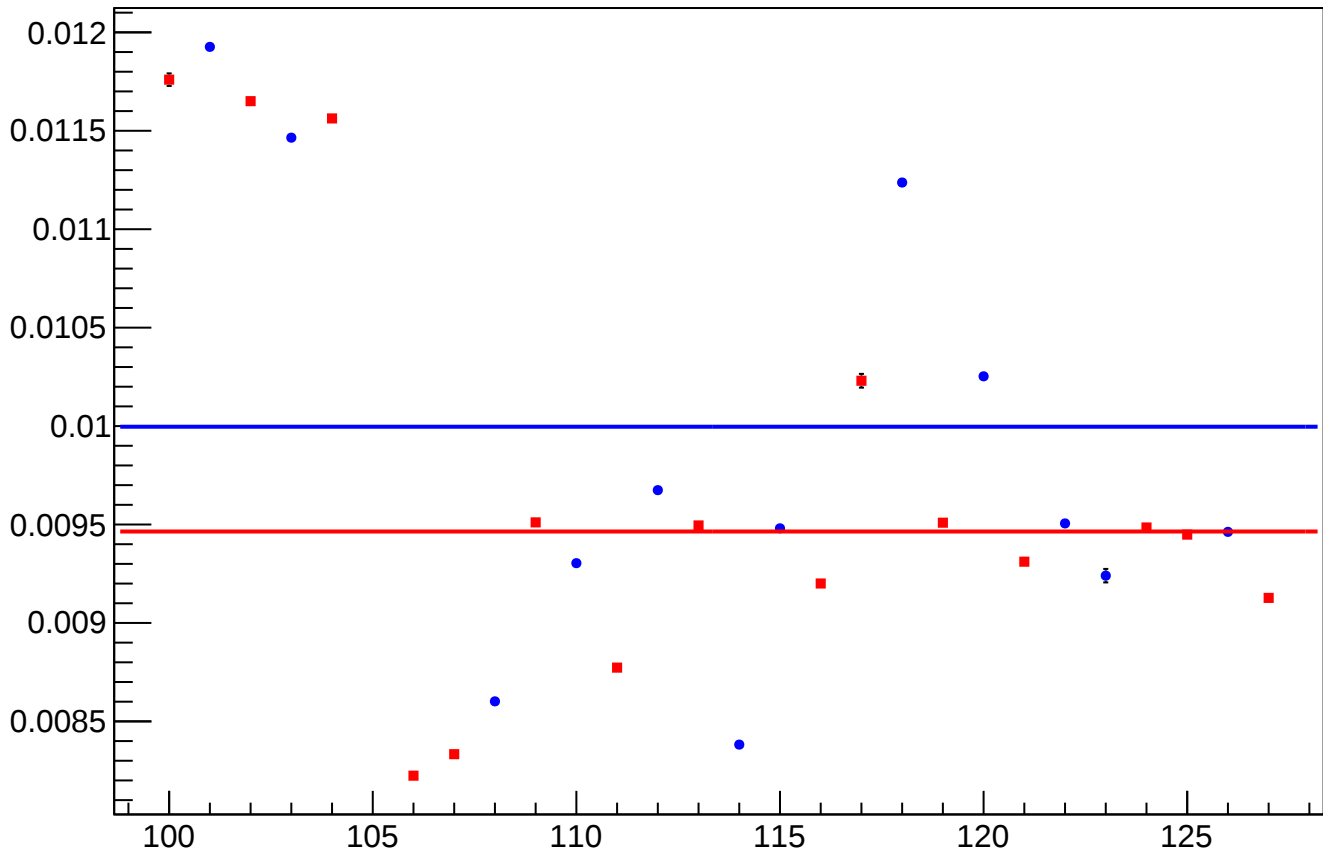
0.087+/-0.000 χ^2/NDF : 14889581.8/11

Right Out: 0.075+/-0.000 χ^2/NDF : 221669581.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.075+/-0.000 χ^2/NDF : 221669581.0/14

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 98439.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

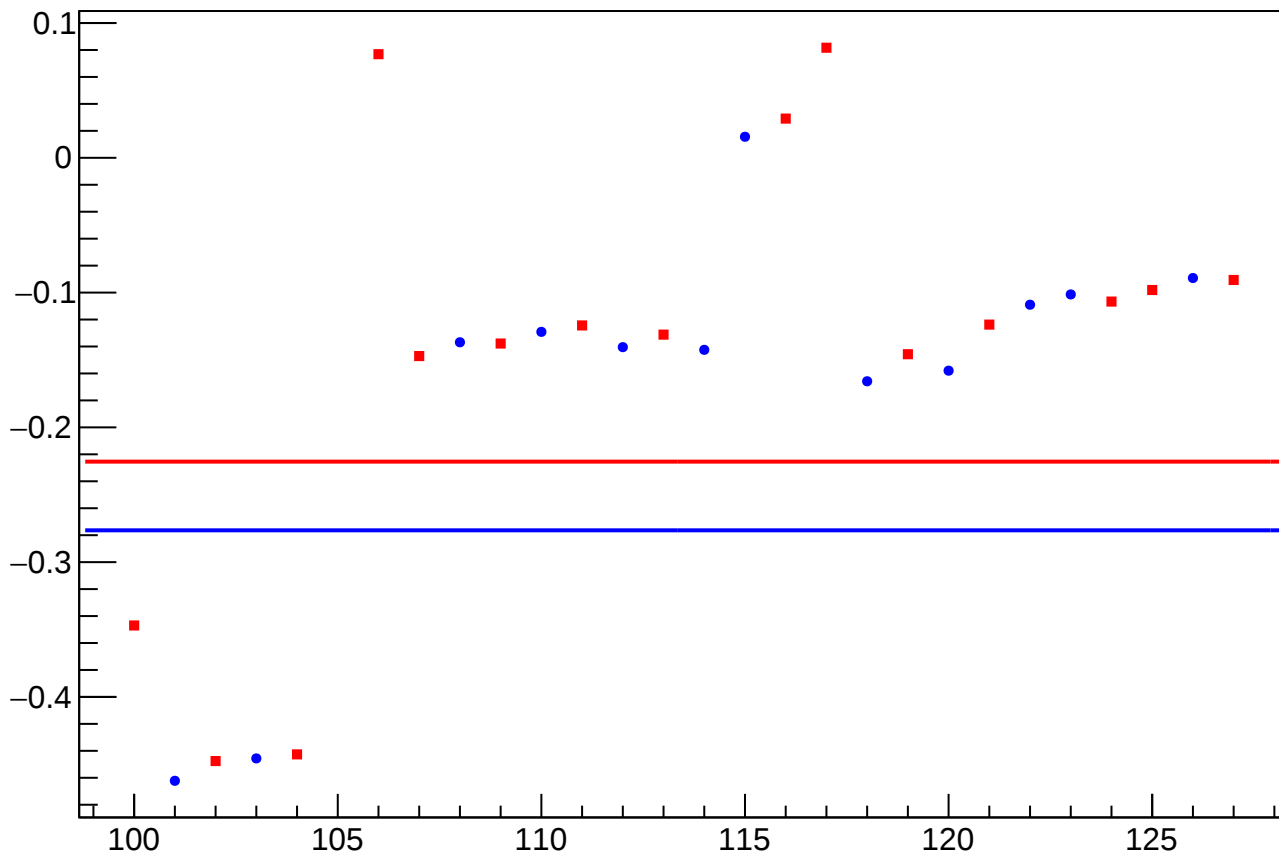
Right Out: 0.009+/-0.000 χ^2/NDF : 107970.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 98439.4/11

0.009+/-0.000 χ^2/NDF : 107970.0/14

yield_bpm0l08Y_mean vs Slug



Right In: -0.276+/-0.000 χ^2/NDF : 5291202907.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

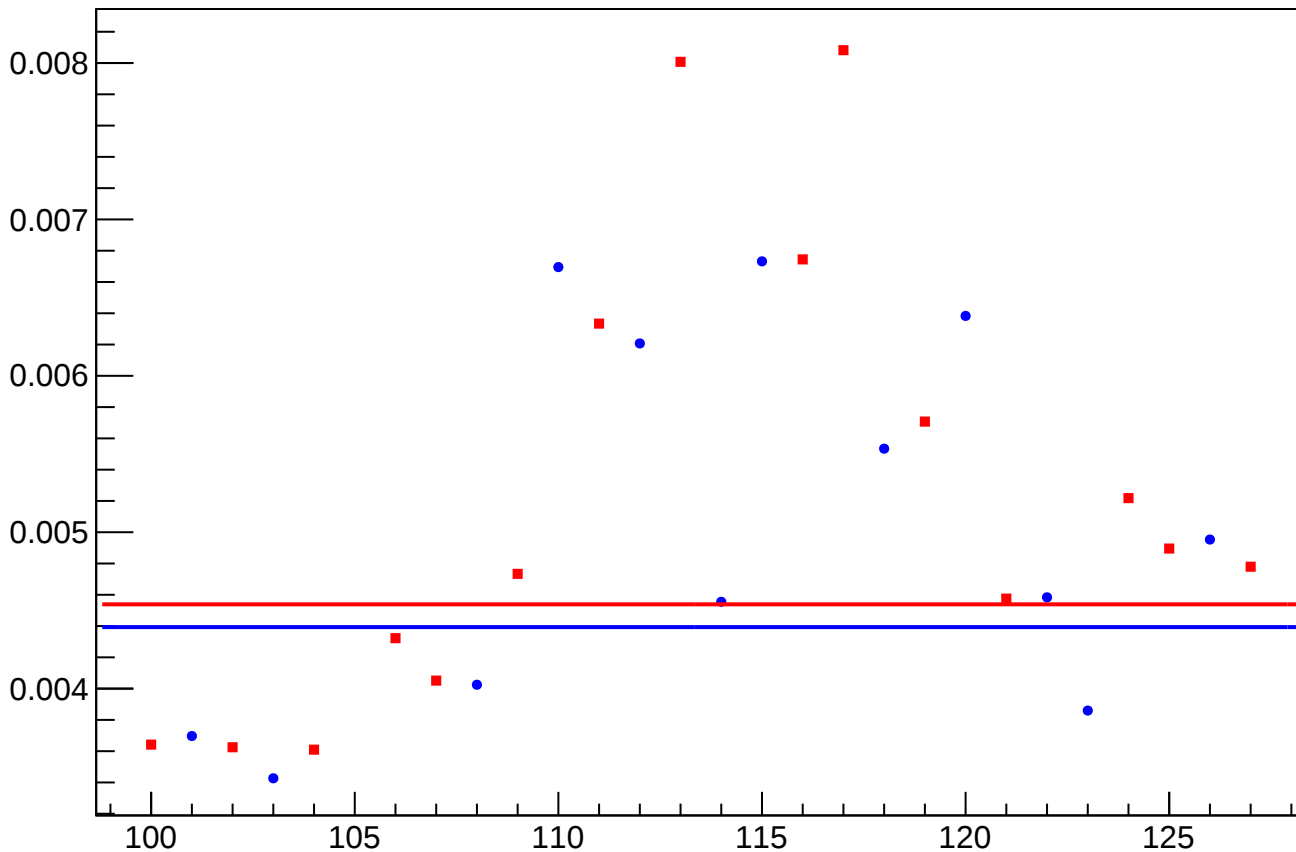
Right Out: -0.225+/-0.000 χ^2/NDF : 6449692811.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.276+/-0.000 χ^2/NDF : 5291202907.8/11

-0.225+/-0.000 χ^2/NDF : 6449692811.8/14

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 417669.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

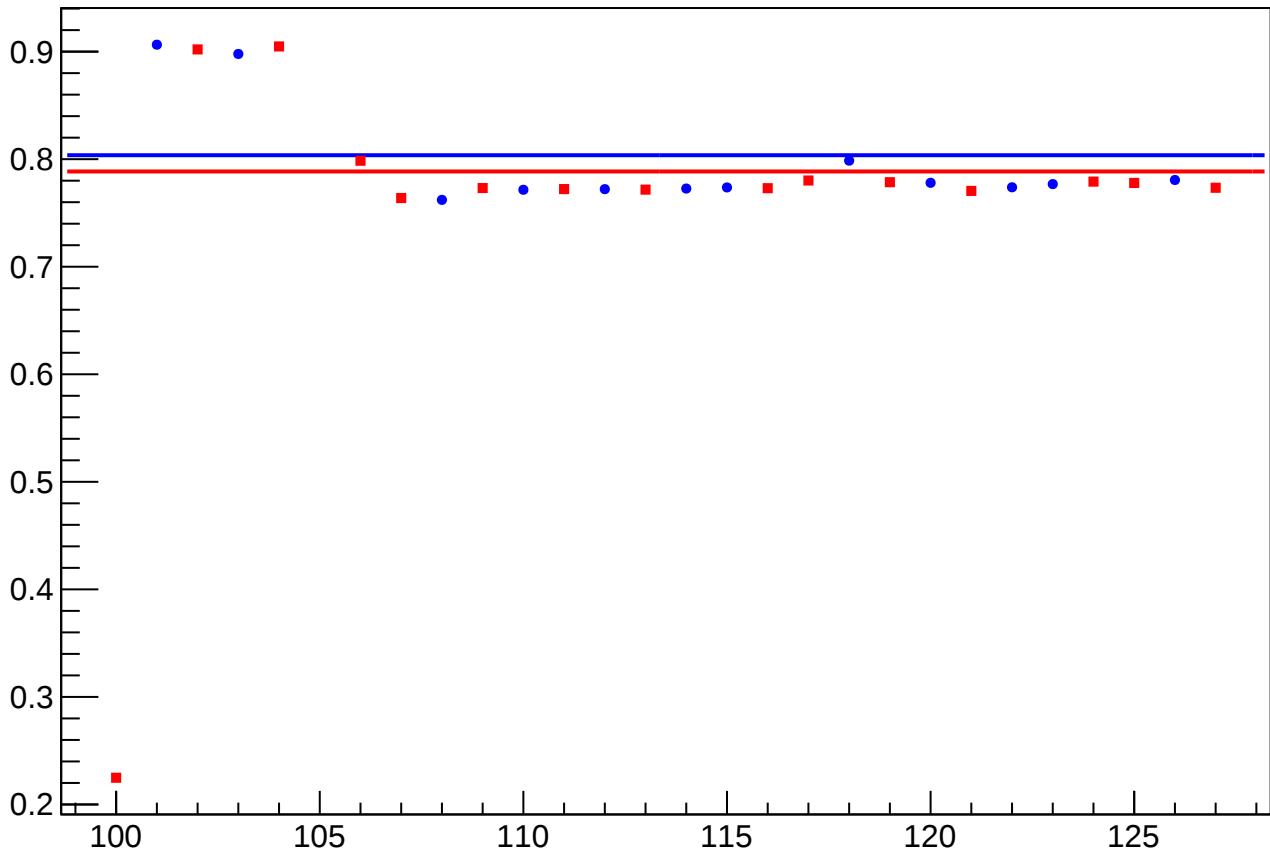
Right Out: 0.005+/-0.000 χ^2/NDF : 484191.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 417669.8/11

0.005+/-0.000 χ^2/NDF : 484191.1/14

yield_bpm0l09X_mean vs Slug



Right In: 0.804+/-0.000 χ^2/NDF : 92528058.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

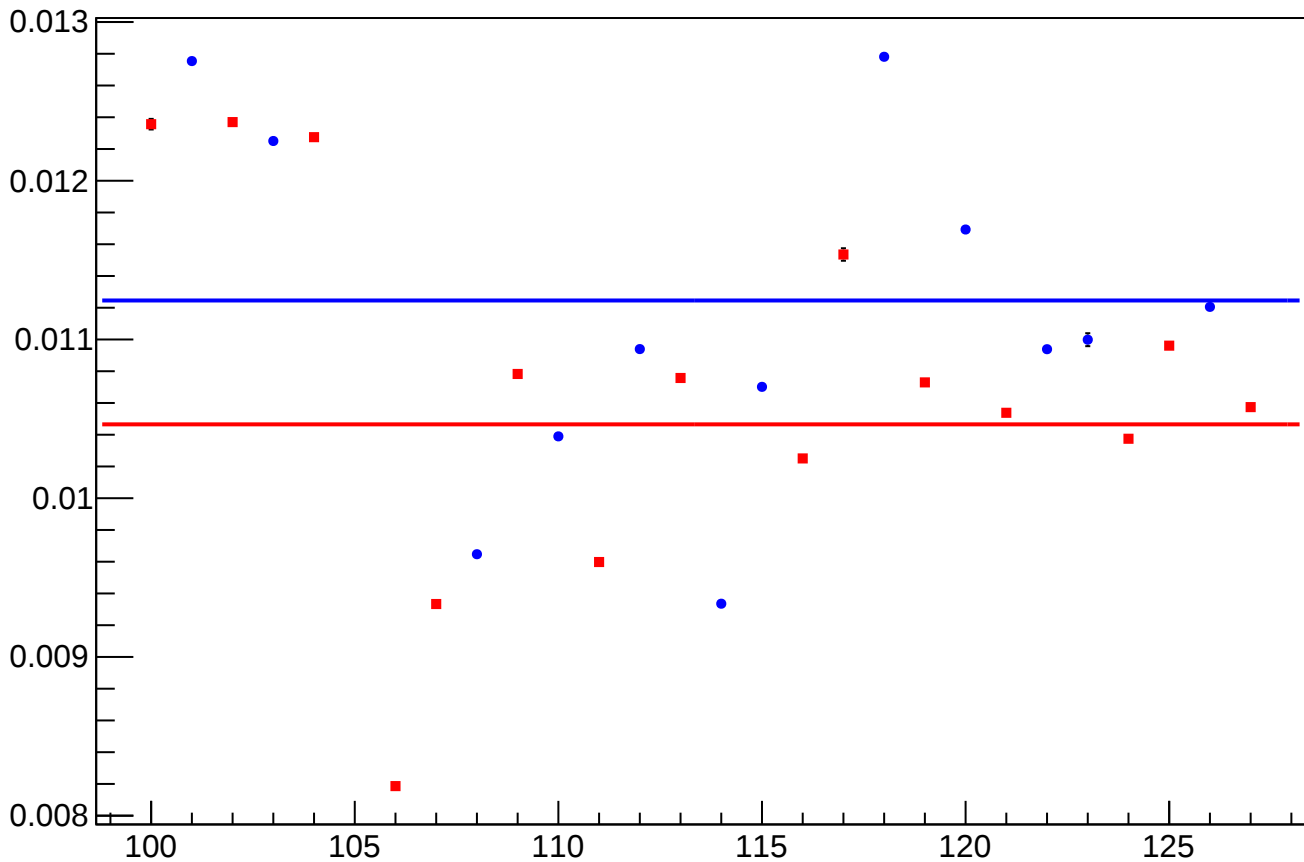
0.804+/-0.000 χ^2/NDF : 92528058.9/11

Right Out: 0.789+/-0.000 χ^2/NDF : 239251616.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.789+/-0.000 χ^2/NDF : 239251616.3/14

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 74223.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

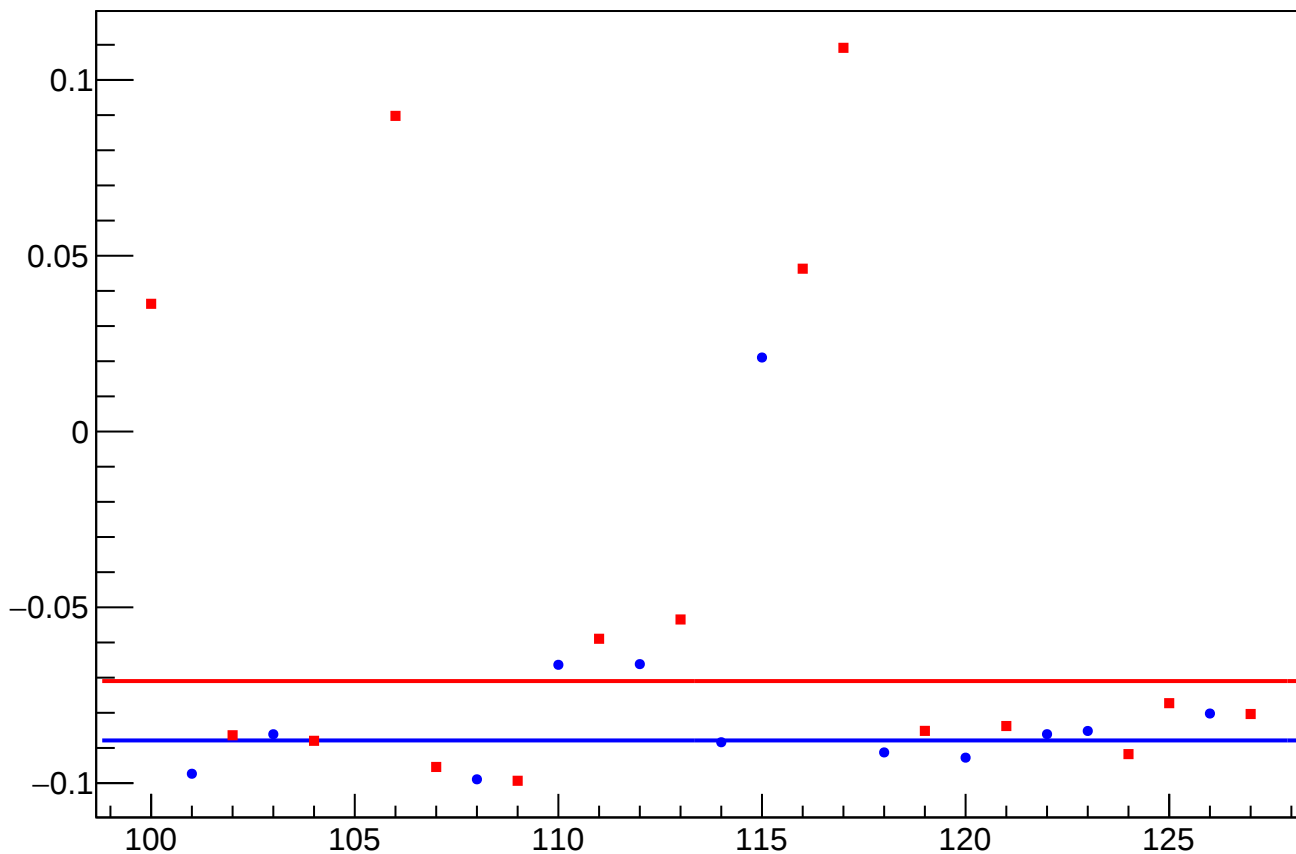
Right Out: 0.010+/-0.000 χ^2/NDF : 116289.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 74223.6/11

0.010+/-0.000 χ^2/NDF : 116289.8/14

yield_bpm0l09Y_mean vs Slug



Right In: -0.088+/-0.000 χ^2/NDF : 35999479.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

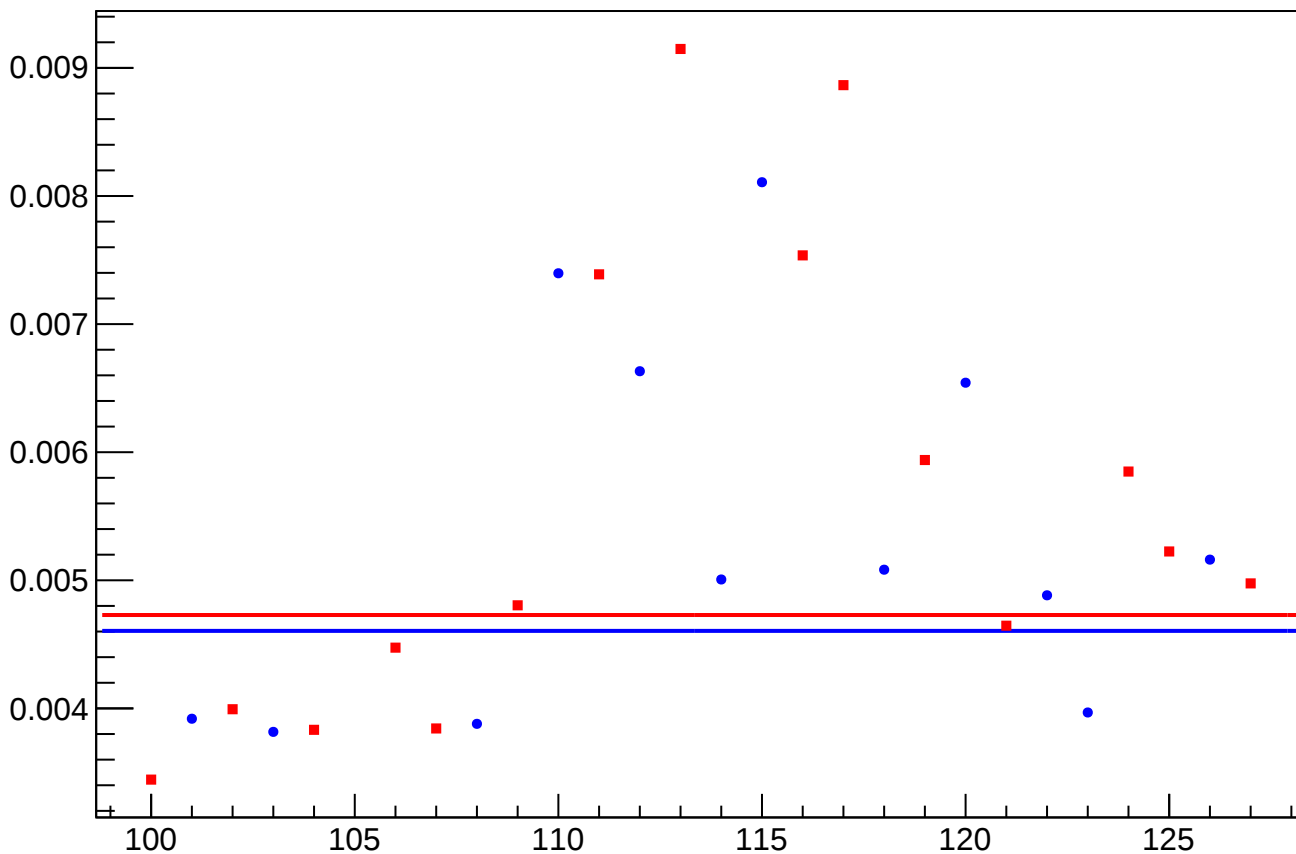
Right Out: -0.071+/-0.000 χ^2/NDF : 444923342.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.088+/-0.000 χ^2/NDF : 35999479.7/11

-0.071+/-0.000 χ^2/NDF : 444923342.8/14

yield_bpm0l09Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 384593.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

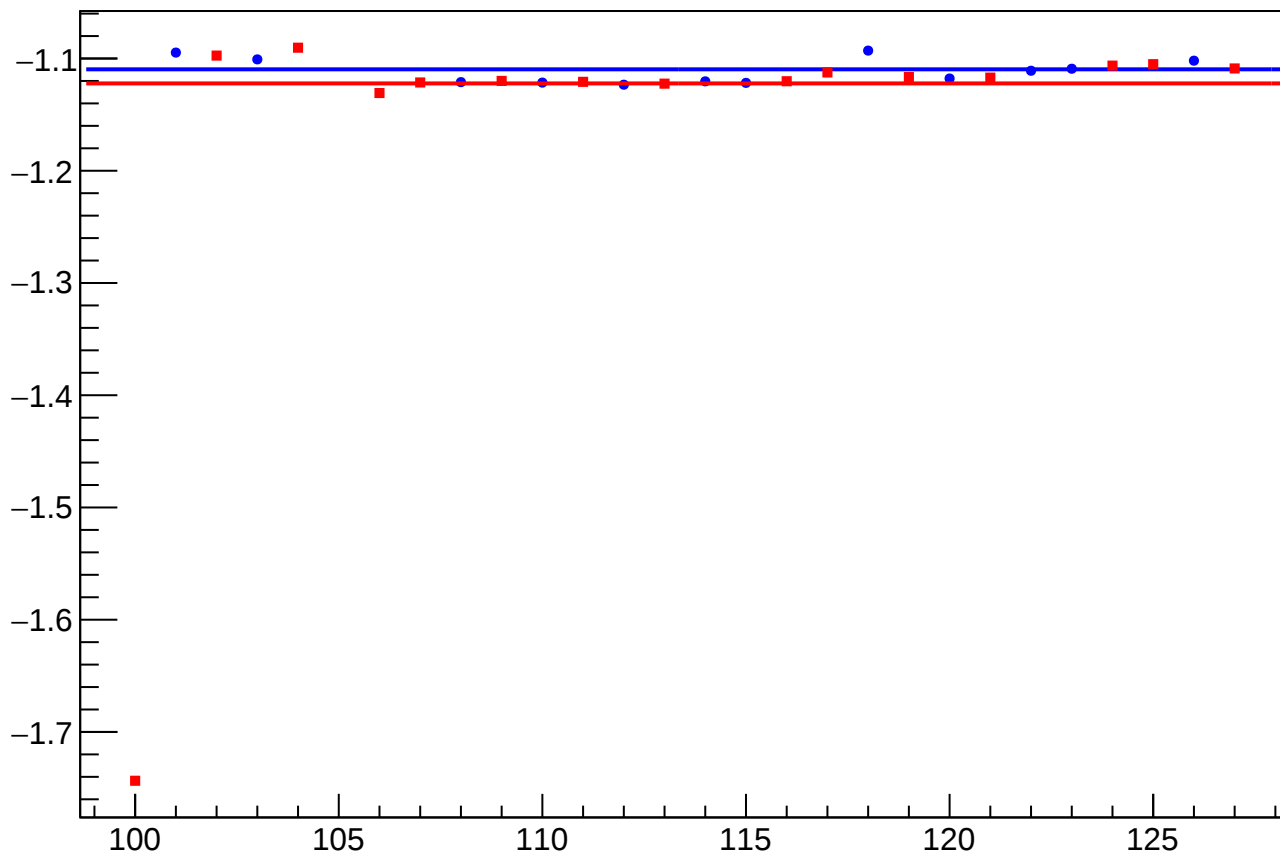
Right Out: 0.005+/-0.000 χ^2/NDF : 568313.4/14

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 : 568313.4/14

yield_bpm0l10X_mean vs Slug



Right In: -1.110+/-0.000 χ^2/NDF : 3721734.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

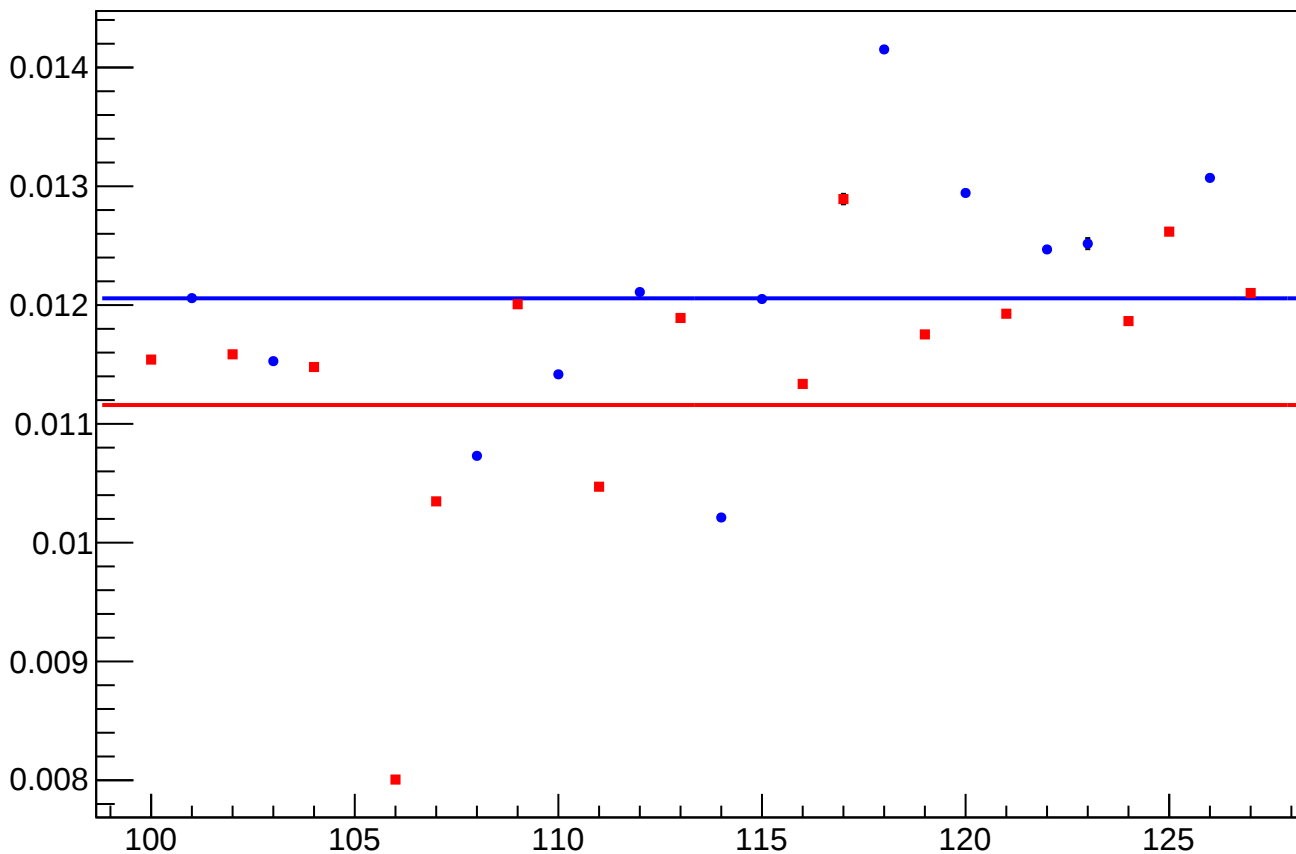
Right Out: -1.122+/-0.000 χ^2/NDF : 206679765.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.110+/-0.000 χ^2/NDF : 3721734.1/11

-1.122+/-0.000 χ^2/NDF : 206679765.9/14

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 51765.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

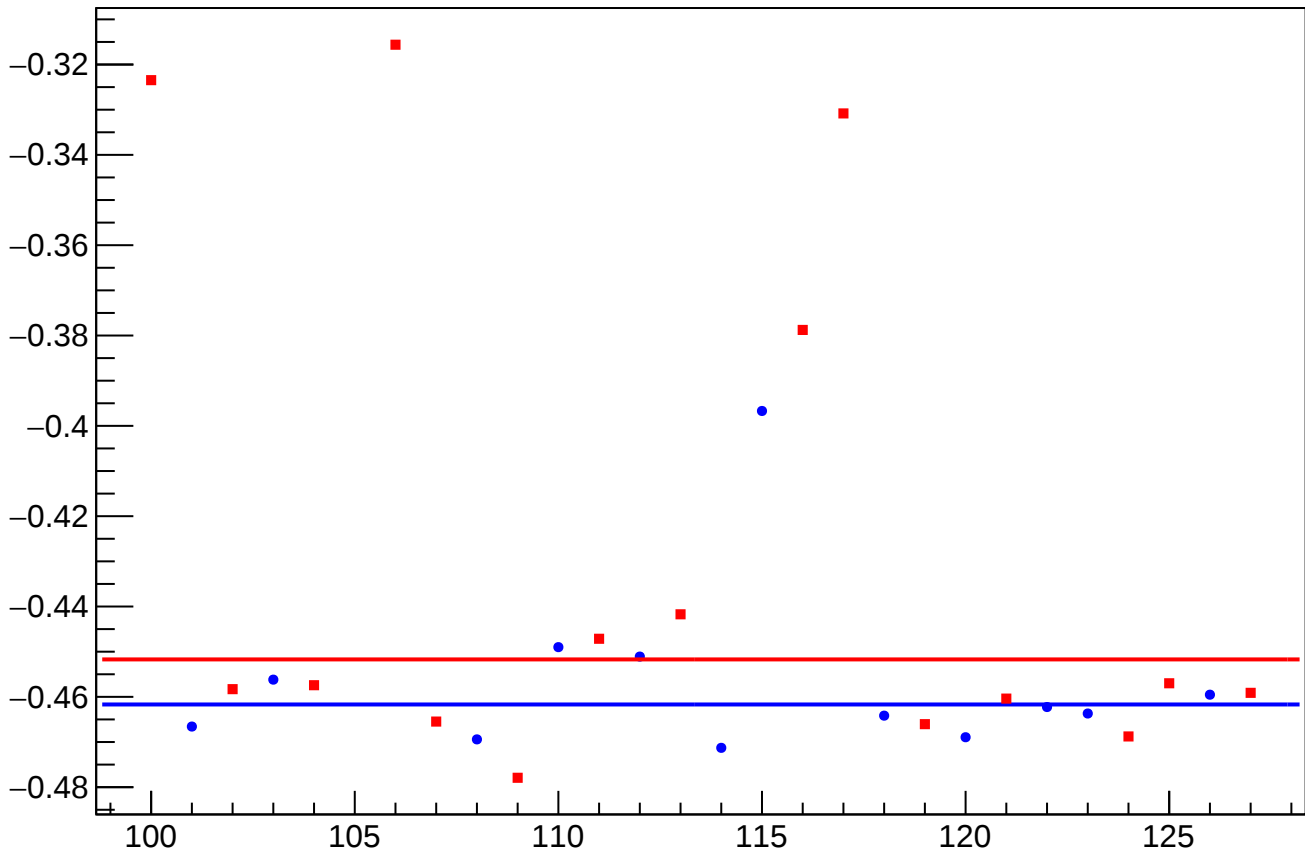
Right Out: 0.011+/-0.000 χ^2/NDF : 132041.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 51765.6/11

0.011+/-0.000 χ^2/NDF : 132041.1/14

yield_bpm0l10Y_mean vs Slug



Right In: -0.462+/-0.000 χ^2/NDF : 21442987.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

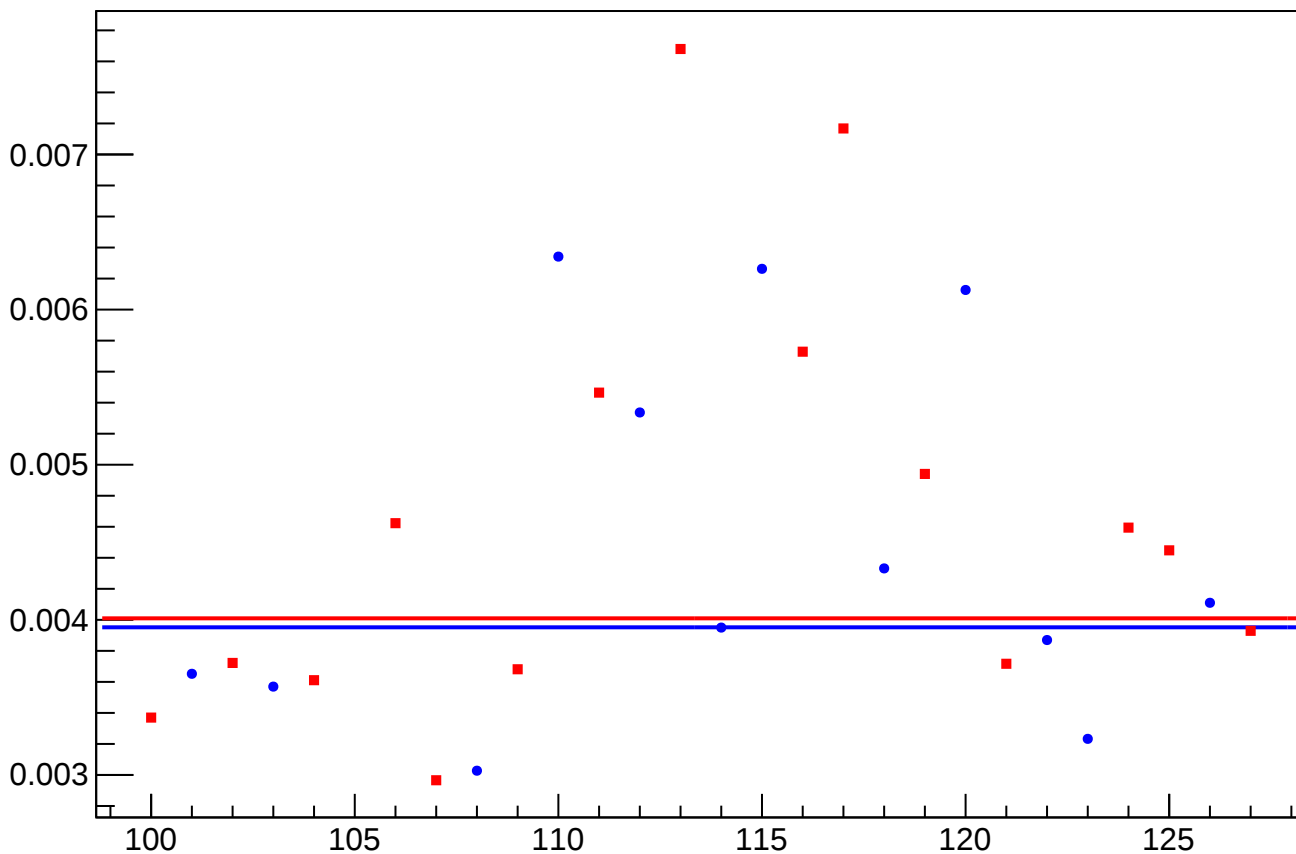
-0.462+/-0.000 χ^2/NDF : 21442987.7/11

Right Out: -0.452+/-0.000 χ^2/NDF : 363900352.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.452+/-0.000 χ^2/NDF : 363900352.1/14

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 344449.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

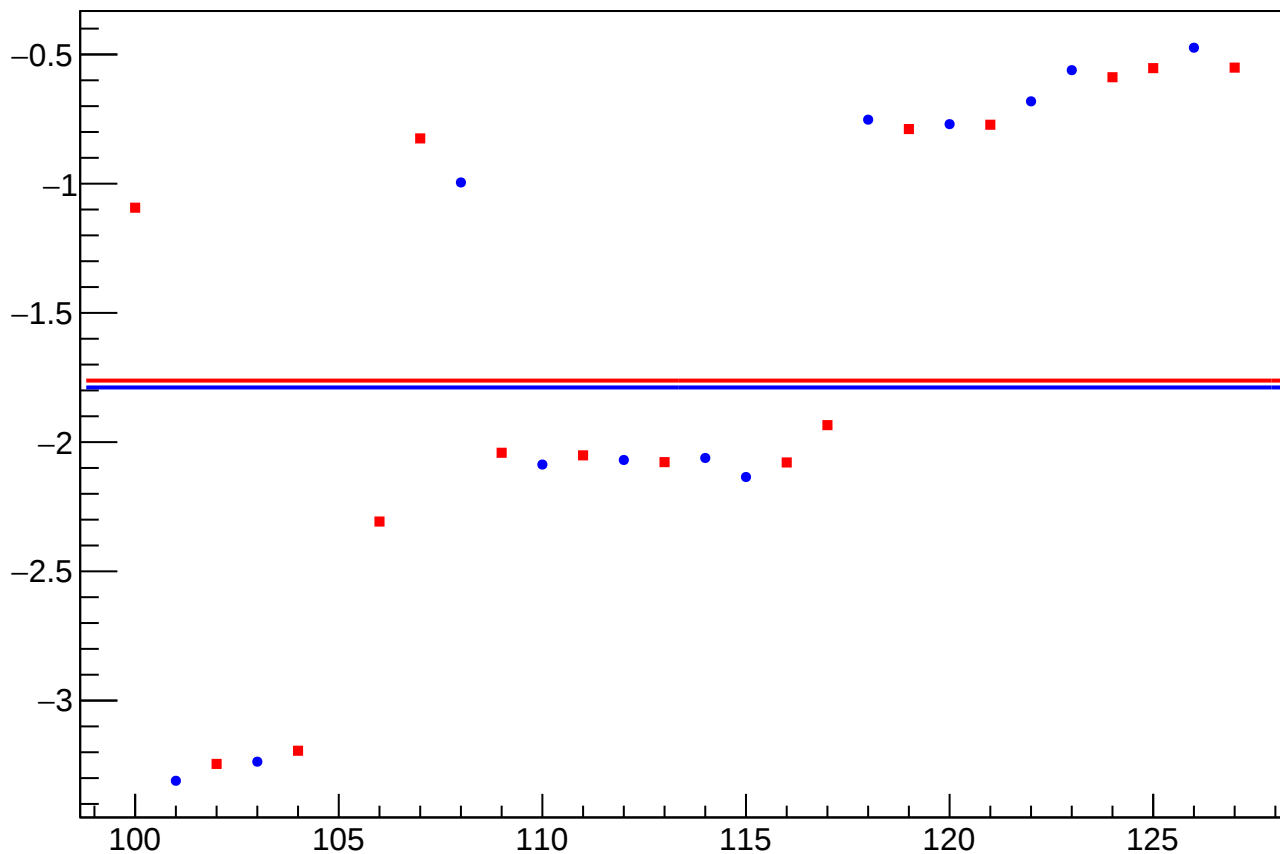
Right Out: 0.004+/-0.000 χ^2/NDF : 464292.2/14

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 : 464292.2/14

yield_bpm0r03X_mean vs Slug



Right In: -1.788+/-0.000 χ^2/NDF : 940564695.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

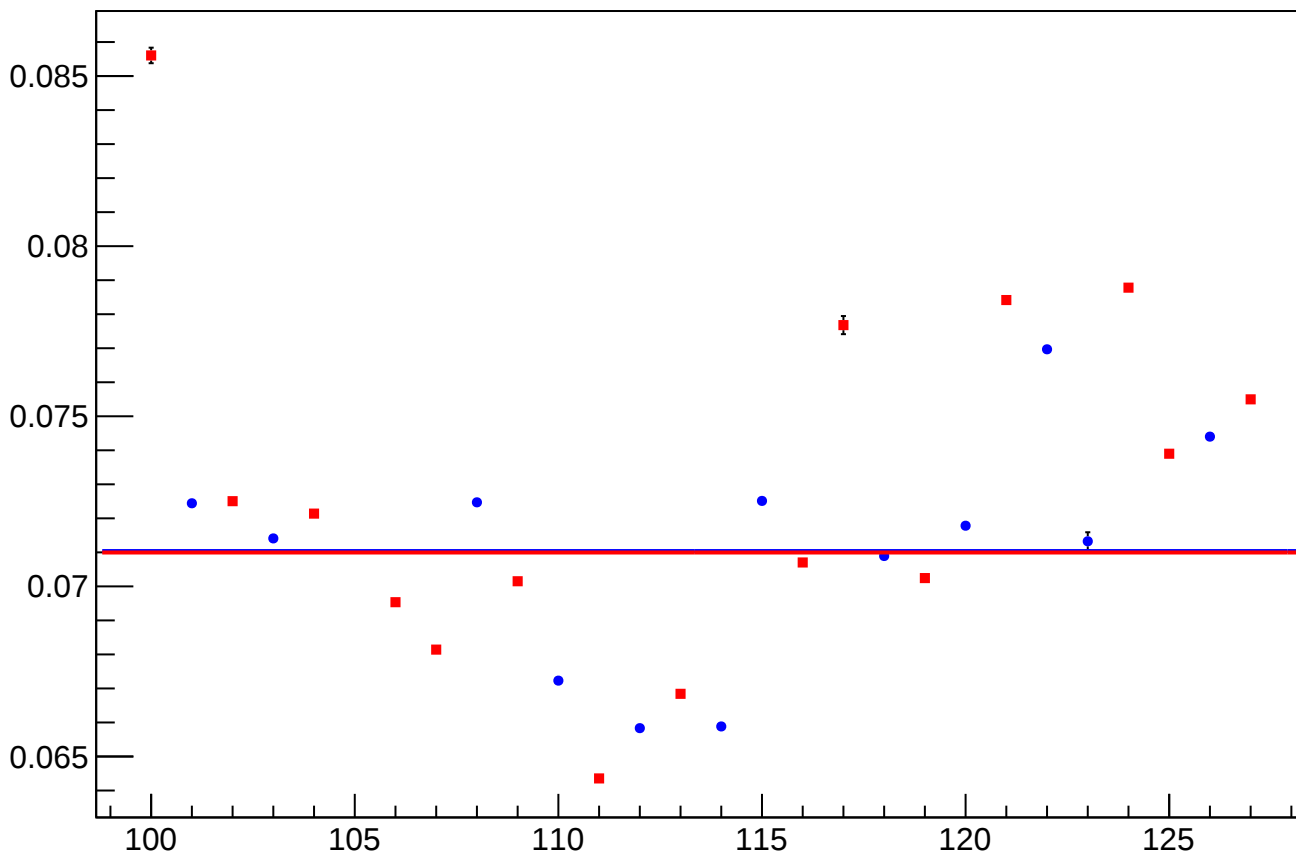
Right Out: -1.762+/-0.000 χ^2/NDF : 922129169.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.788+/-0.000 χ^2/NDF : 940564695.7/11

-1.762+/-0.000 χ^2/NDF : 922129169.1/14

yield_bpm0r03X_rms vs Slug



Right In: 0.071+/-0.000 χ^2/NDF : 16899.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

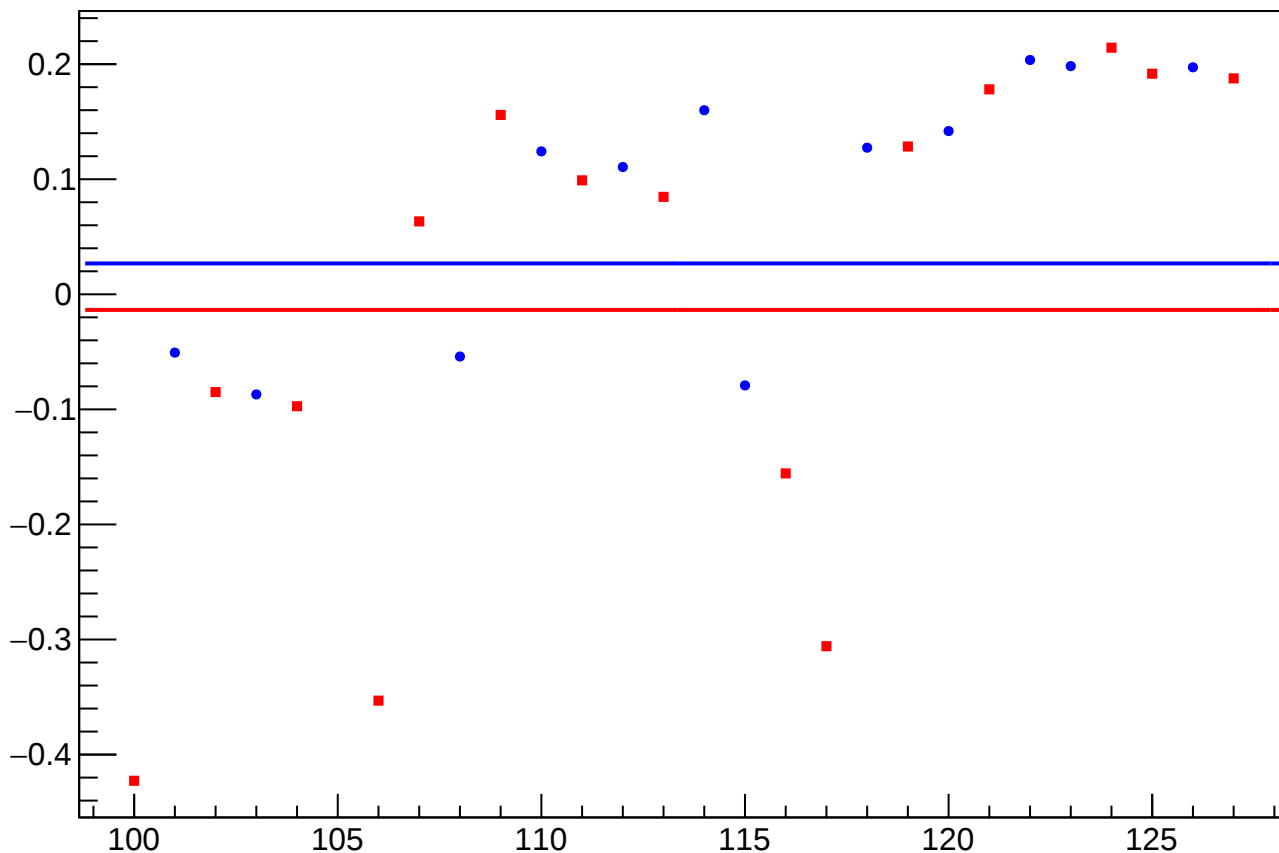
Right Out: 0.071+/-0.000 χ^2/NDF : 33222.7/14

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 : 33222.7/14

yield_bpm0r03Y_mean vs Slug



Right In: 0.027+/-0.000 χ^2/NDF : 364366300.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

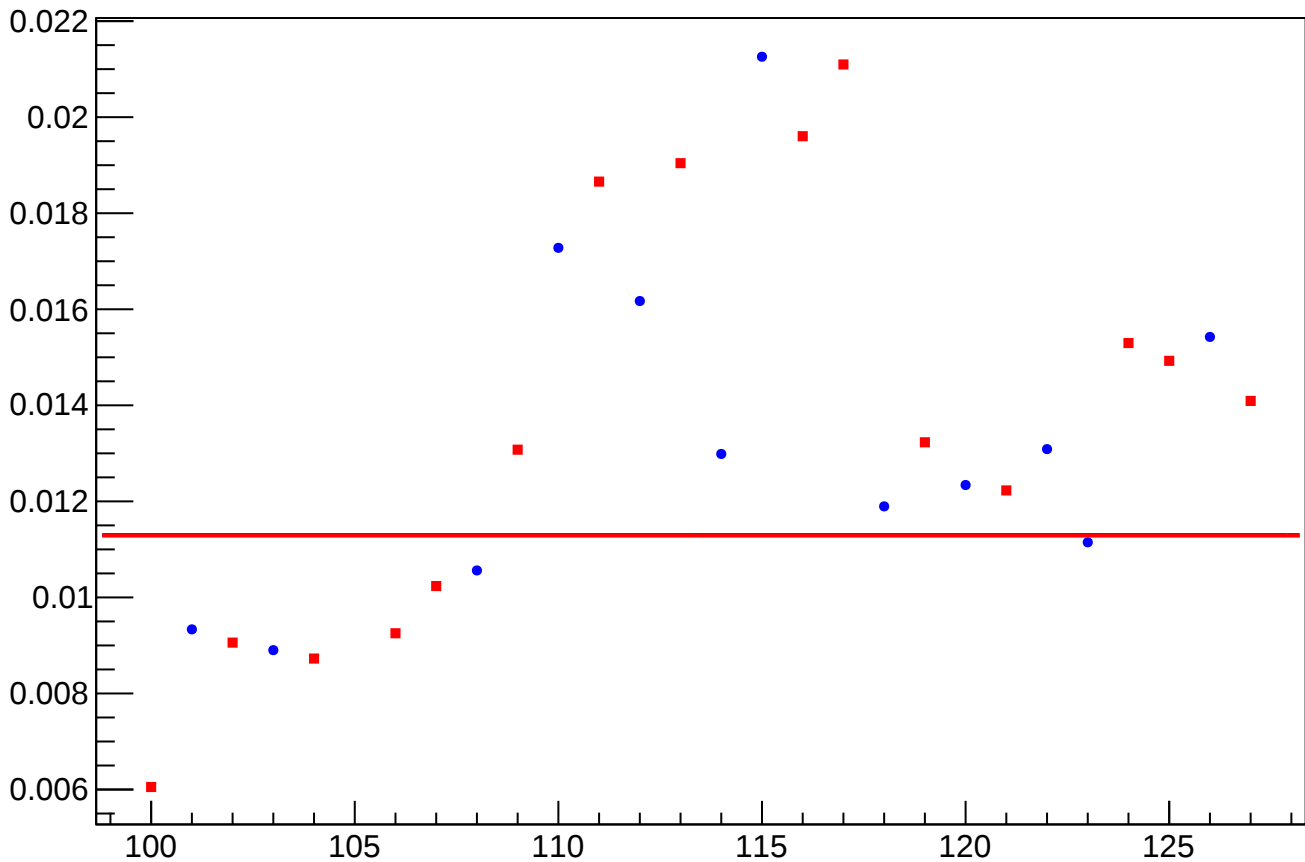
Right Out: -0.014+/-0.000 χ^2/NDF : 1110380446.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.000 χ^2/NDF : 364366300.3/11

-0.014+/-0.000 χ^2/NDF : 1110380446.0/14

yield_bpm0r03Y_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 407782.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

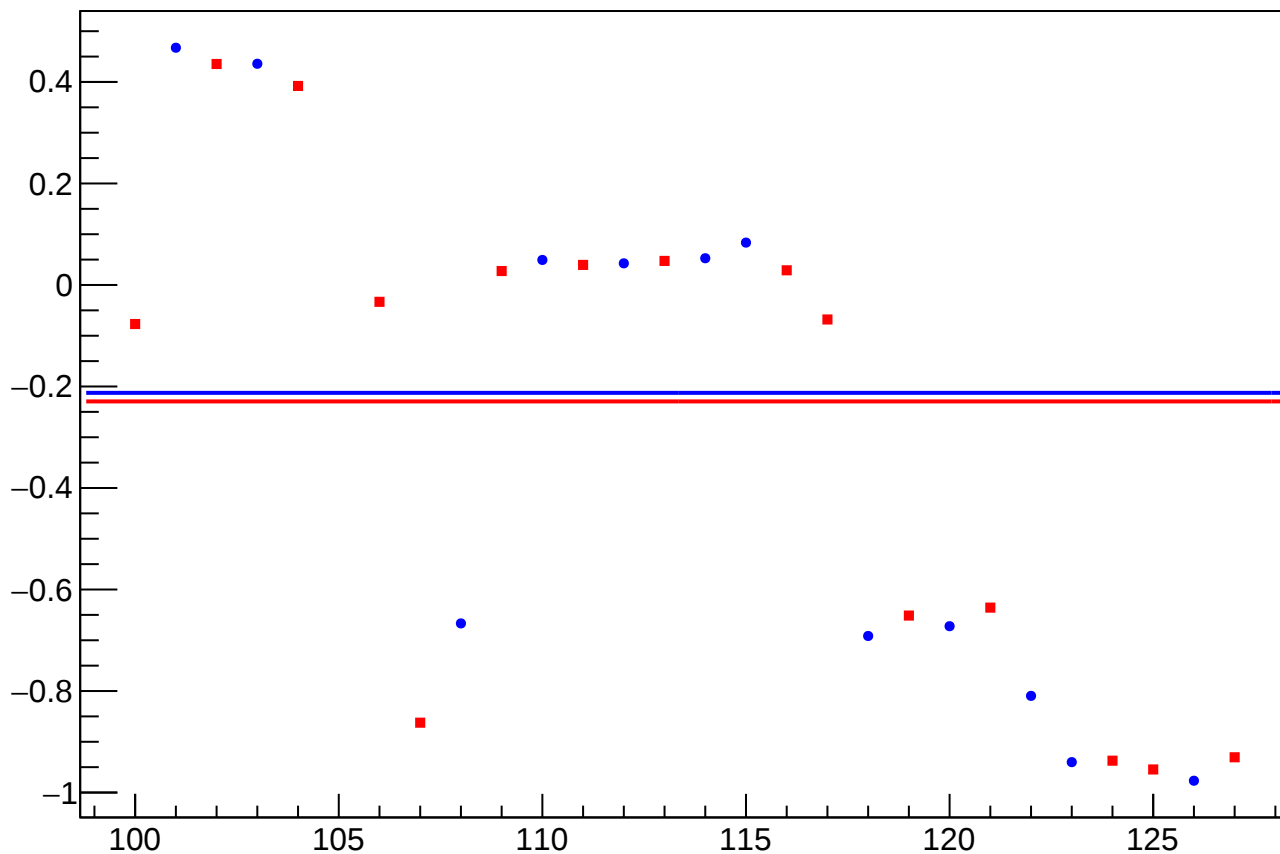
Right Out: 0.011+/-0.000 χ^2/NDF : 759212.2/14

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 : 759212.2/14

yield_bpm0r05X_mean vs Slug



Right In: -0.213+/-0.000 χ^2/NDF : 155170556.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

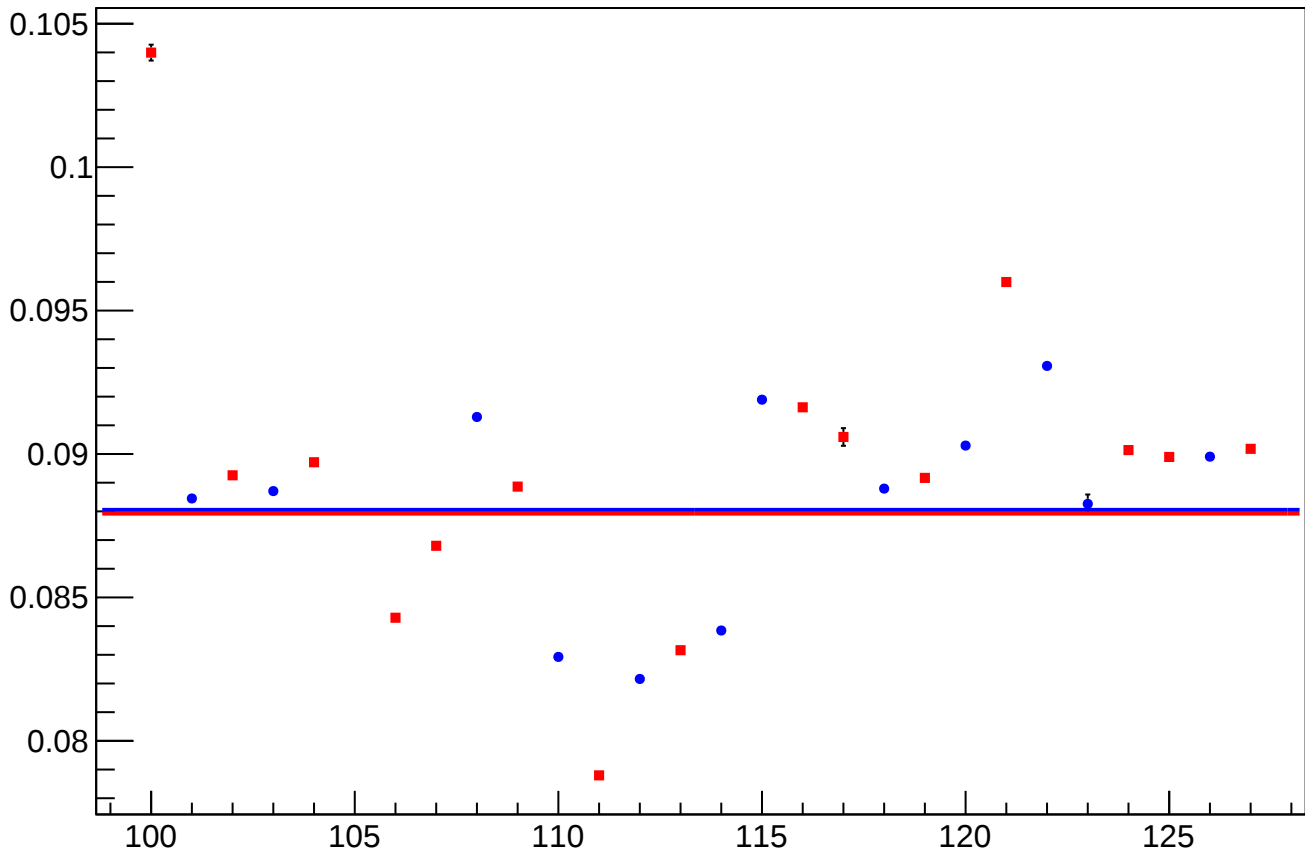
Right Out: -0.229+/-0.000 χ^2/NDF : 166292255.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.213+/-0.000 χ^2/NDF : 155170556.9/11

-0.229+/-0.000 χ^2/NDF : 166292255.5/14

yield_bpm0r05X_rms vs Slug



Right In: 0.088+/-0.000 χ^2/NDF : 12875.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

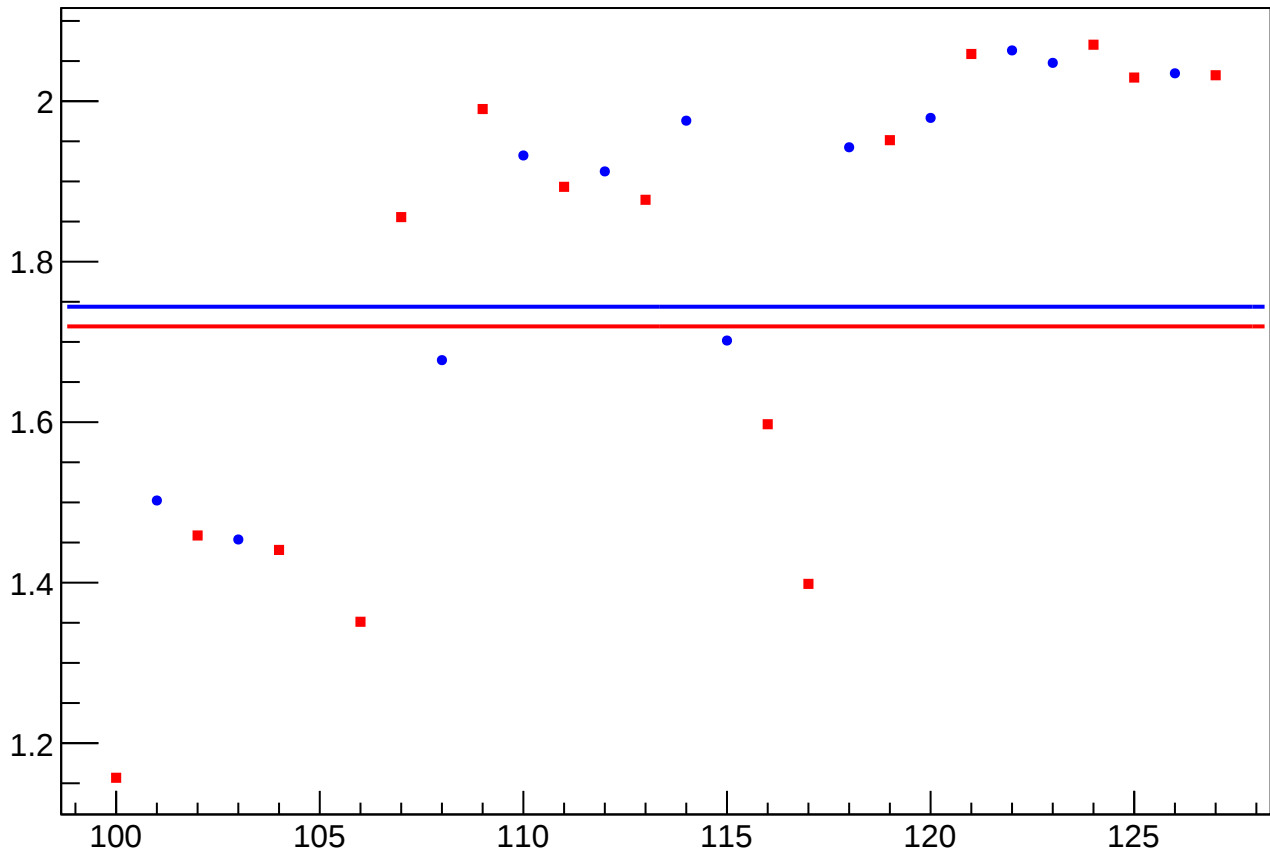
Right Out: 0.088+/-0.000 χ^2/NDF : 27381.1/14

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 : 27381.1/14

yield_bpm0r05Y_mean vs Slug



Right In: 1.744+/-0.000 χ^2/NDF : 916313883.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

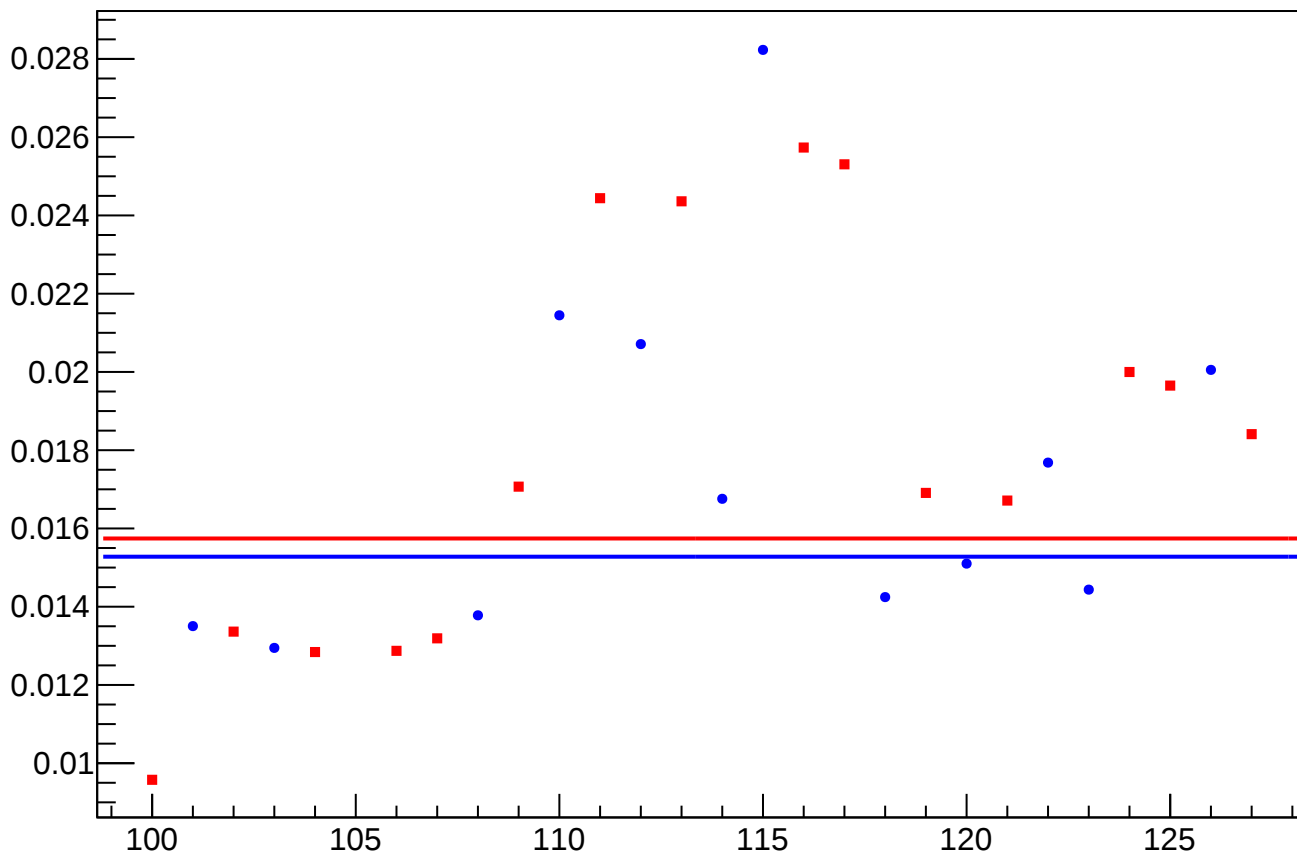
1.744+/-0.000 χ^2/NDF : 916313883.8/11

Right Out: 1.719+/-0.000 χ^2/NDF : 1497084746.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.719+/-0.000 χ^2/NDF : 1497084746.6/14

yield_bpm0r05Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 280567.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

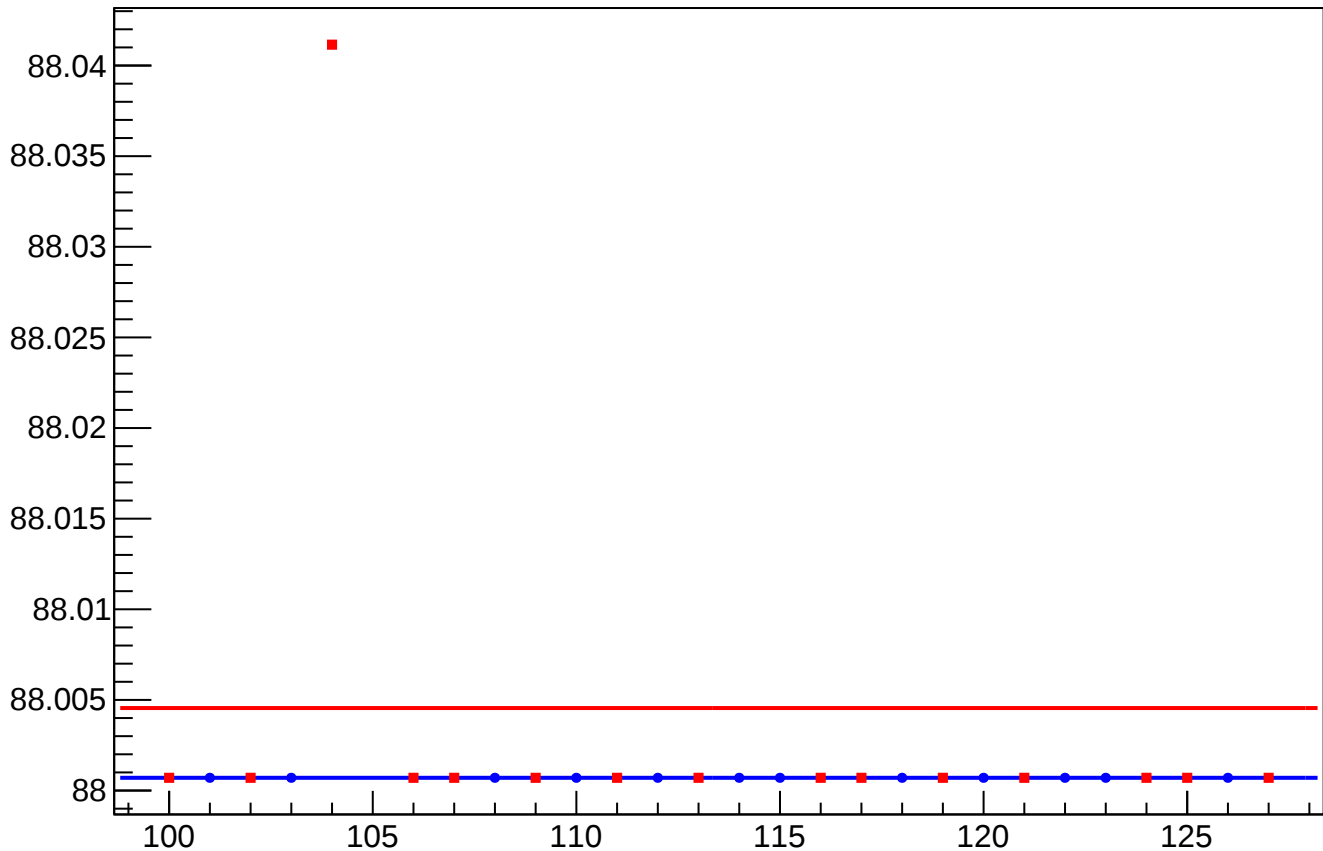
Right Out: 0.016+/-0.000 χ^2/NDF : 529461.1/14

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 : 529461.1/14

epics_VWienAngles_mean vs Slug



Right In: 88.001+/-0.000 χ^2 /NDF: 1317915.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

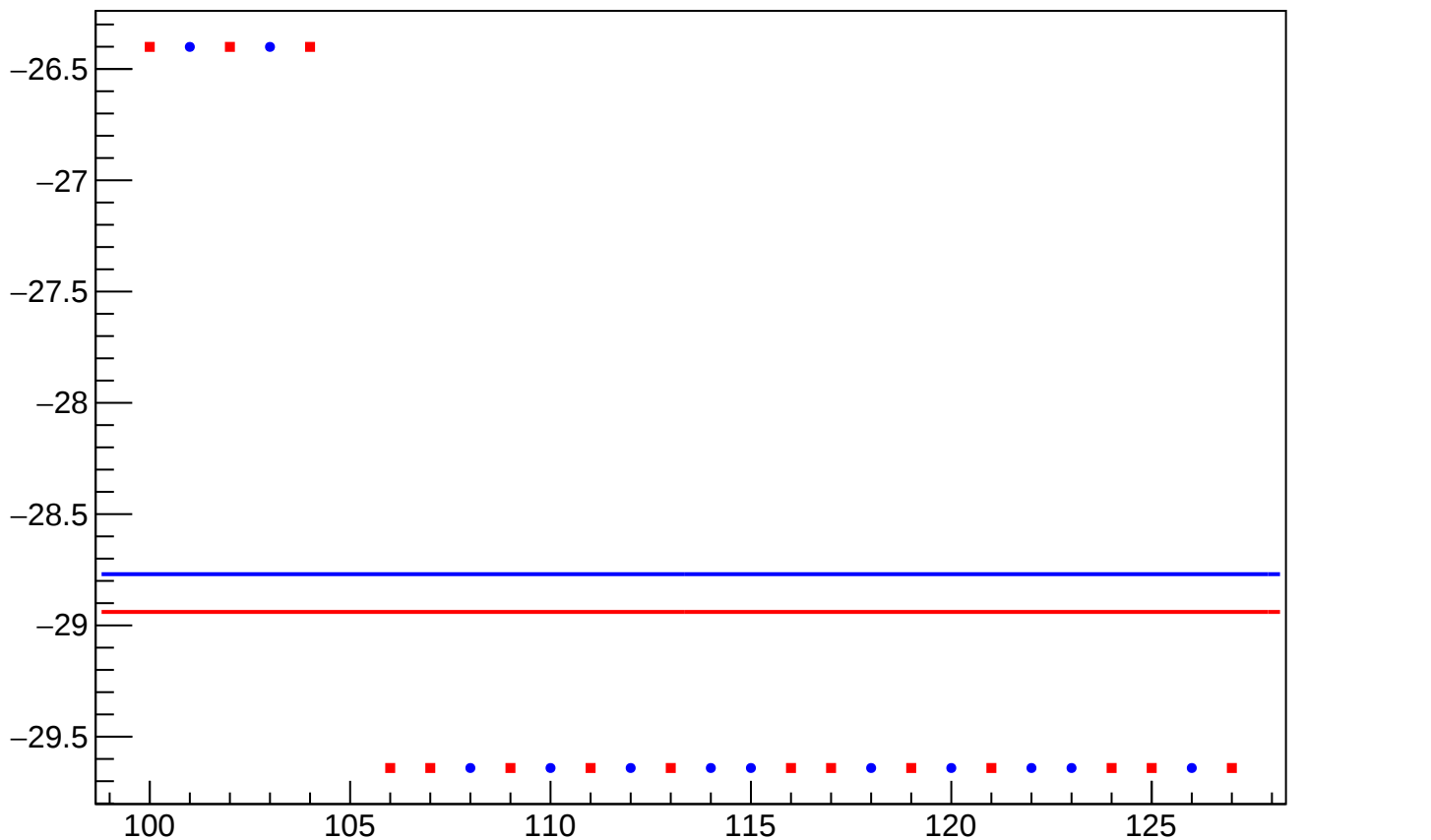
Right Out: 88.005+/-0.000 χ^2 /NDF: 75500604193782563928295866368.0/14

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 1317915.2/11

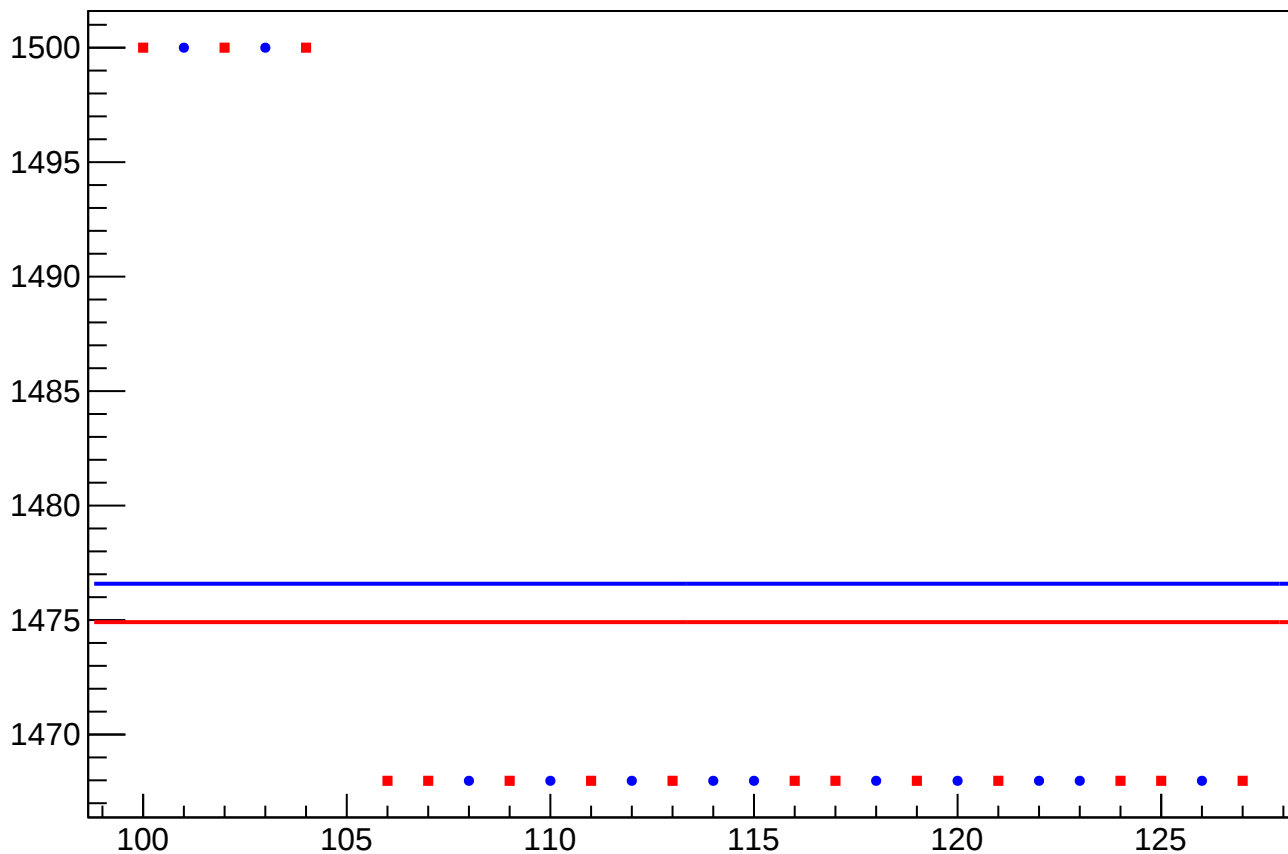
88.005+/-0.000 χ^2 /NDF: 75500604193782563928295866368.0/14

epics_HWienAngles_mean vs Slug



Right In: -28.770+/-0.000 χ^2/NDF : 905758753530769175603300645470208.0/11
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -28.940+/-0.000 χ^2/NDF : 954184835820902655963576487903232.0/14
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_psub_pl_poss_mean vs Slug



Right In: 1476.586+/-0.000 χ^2/NDF : 88471485687329670296560286807621632.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

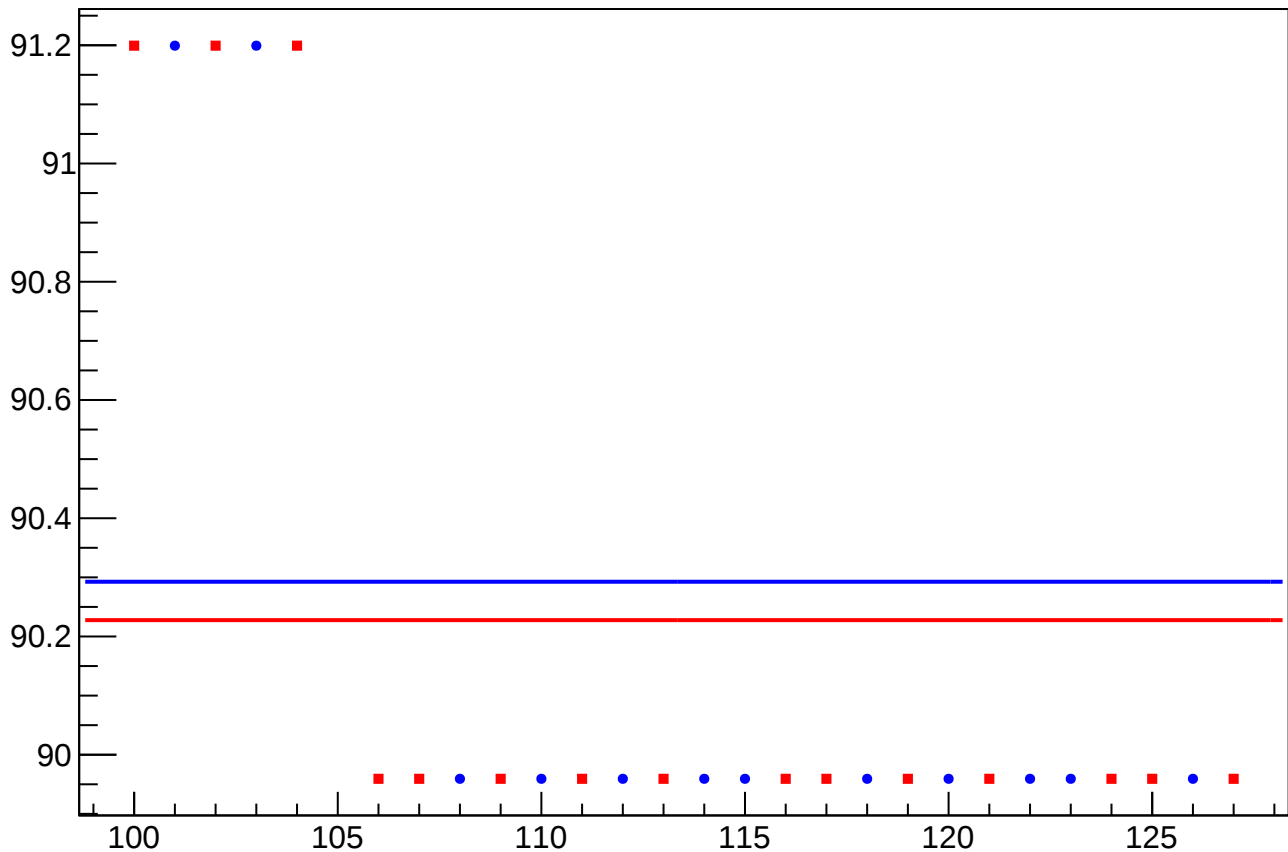
Right Out: 1474.909+/-0.000 χ^2/NDF : 93201583441868550308029842923192320.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1476.586+/-0.000 χ^2/NDF : 8847148568732967

1474.909+/-0.000 χ^2/NDF : 9320158344186855

epics_Phi_FGs_mean vs Slug



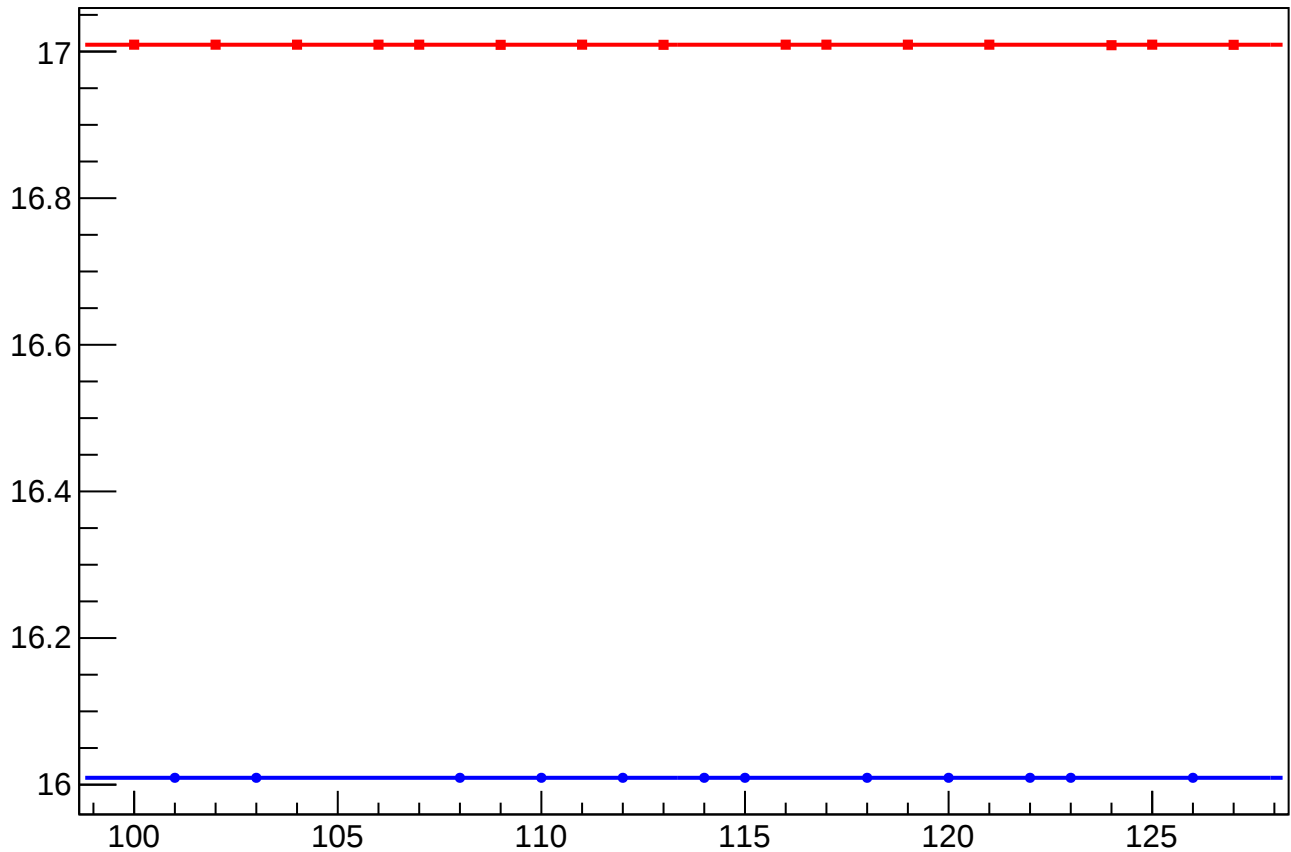
Right In: 90.293+/-0.000 χ^2/NDF : 132667910706170355838071013900288.0/11

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

epics_IGL1I00DI24_24Ms_mean vs Slug



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

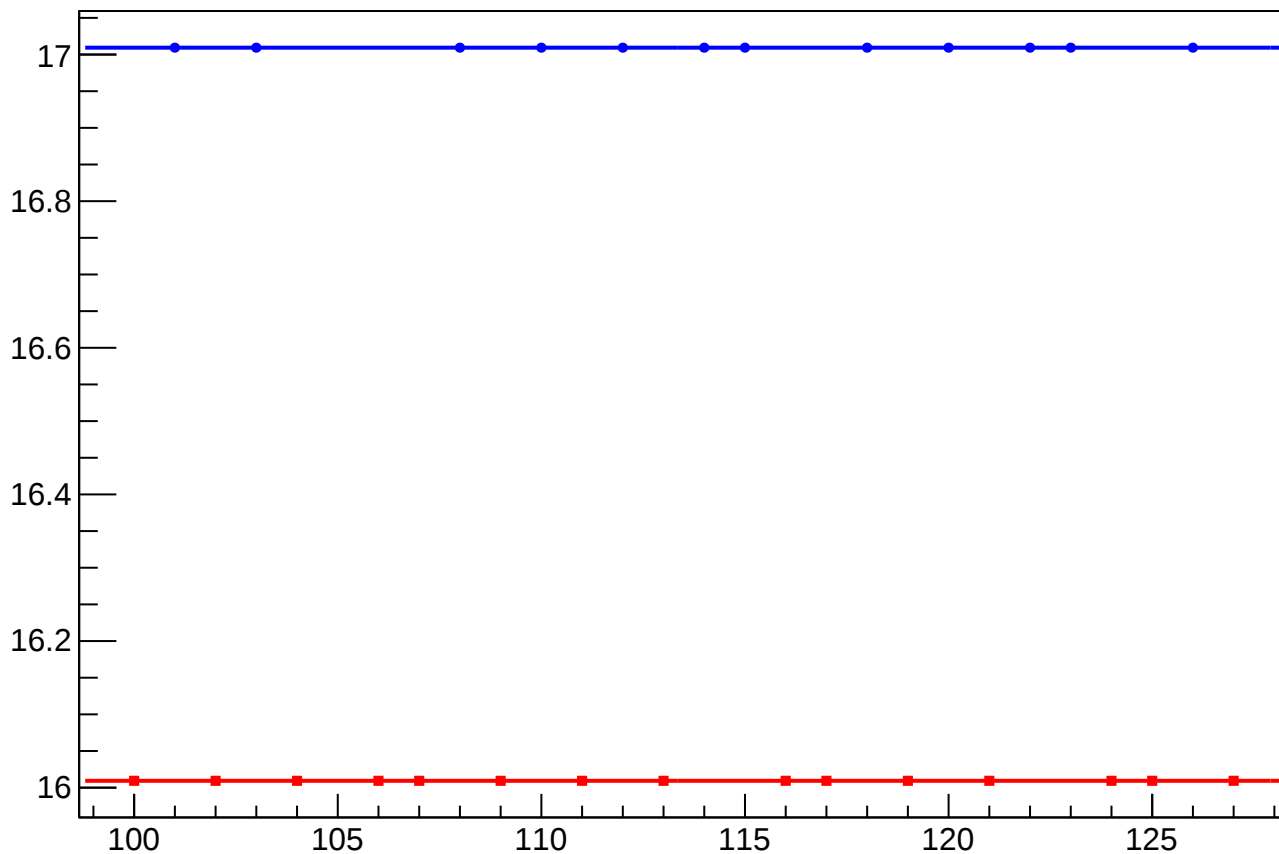
16.009 $\pm$ 0.000 χ^2 /NDF: 37310.0/11

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 10041177822170032333914112.0/14

17.009 $\pm$ 0.000 χ^2 /NDF: 10041177822170032333914112.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug



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

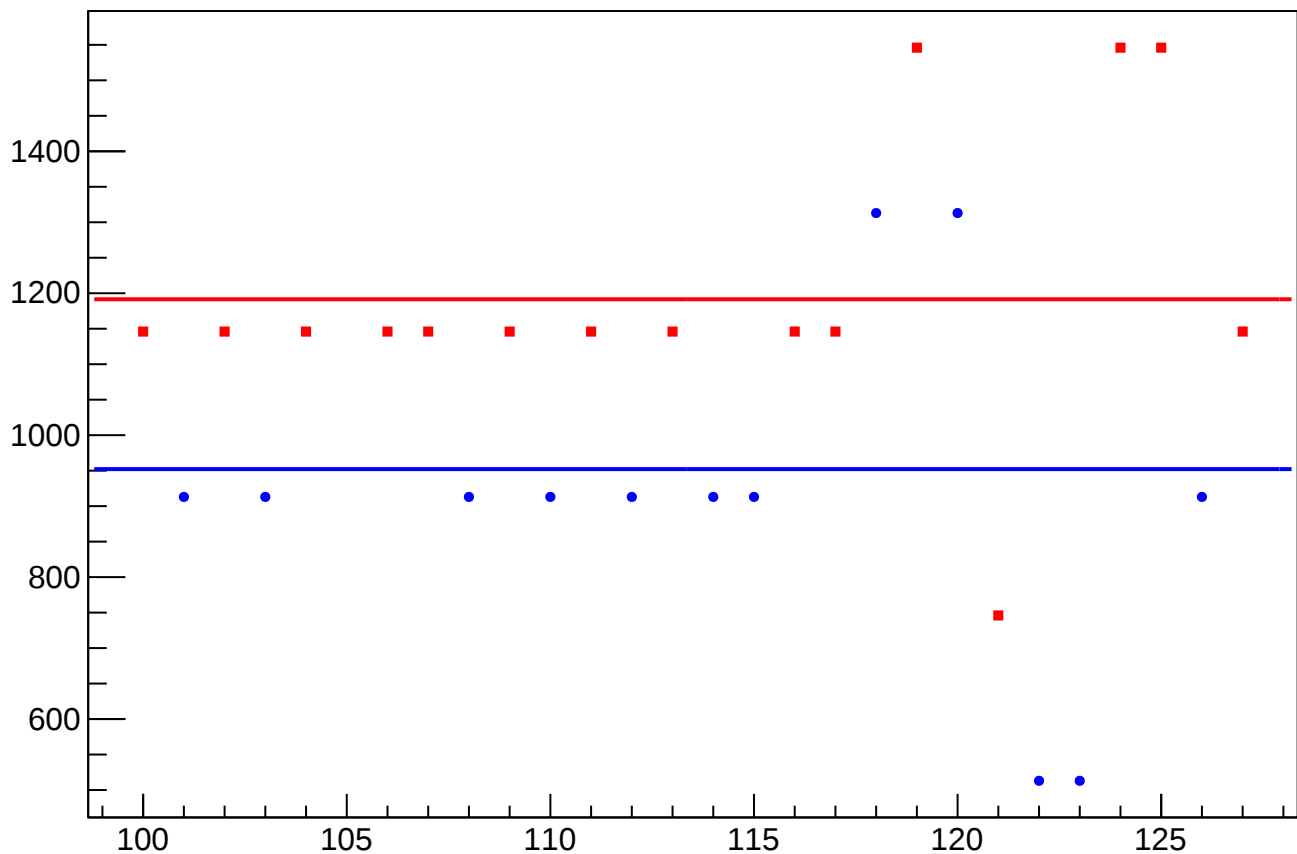
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 20346.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 30342.7/11

16.009 $\pm$ 0.000 χ^2 /NDF: 20346.3/14

epics_RTPAPOSUCNTs_mean vs Slug



Right In: 952.177+/-0.000 χ^2/NDF : 20607385891629640210969051119231172608.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

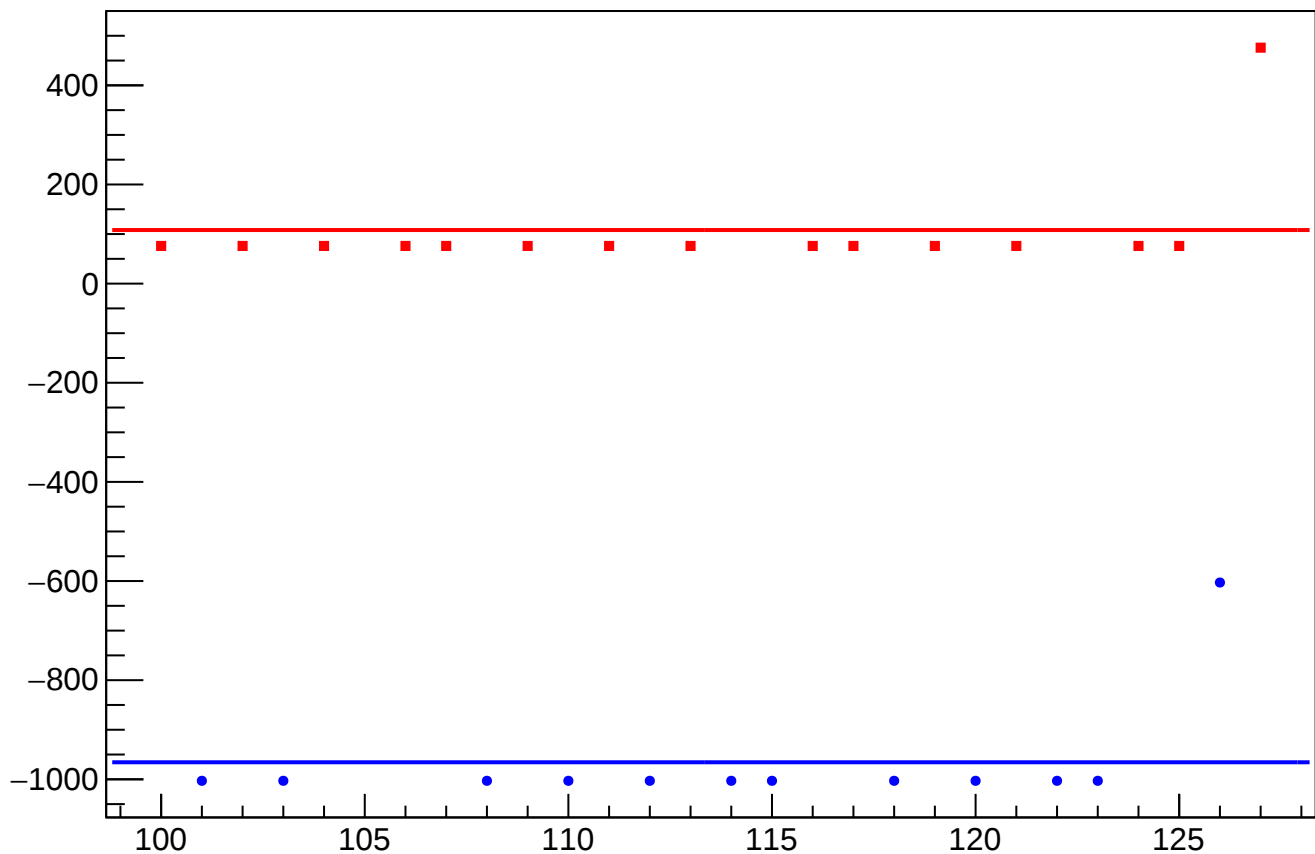
Right Out: 1191.531+/-0.000 χ^2/NDF : 21130013268932239611208863582626250752.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

952.177+/-0.000 χ^2/NDF : 20607385891629640210969051119231172608.0/11

1191.531+/-0.000 χ^2/NDF : 21130013268932239611208863582626250752.0/14

epics_RTPAPOSVCNTs_mean vs Slug



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

108.099+/-0.000 χ^2/NDF : 63277086845249403