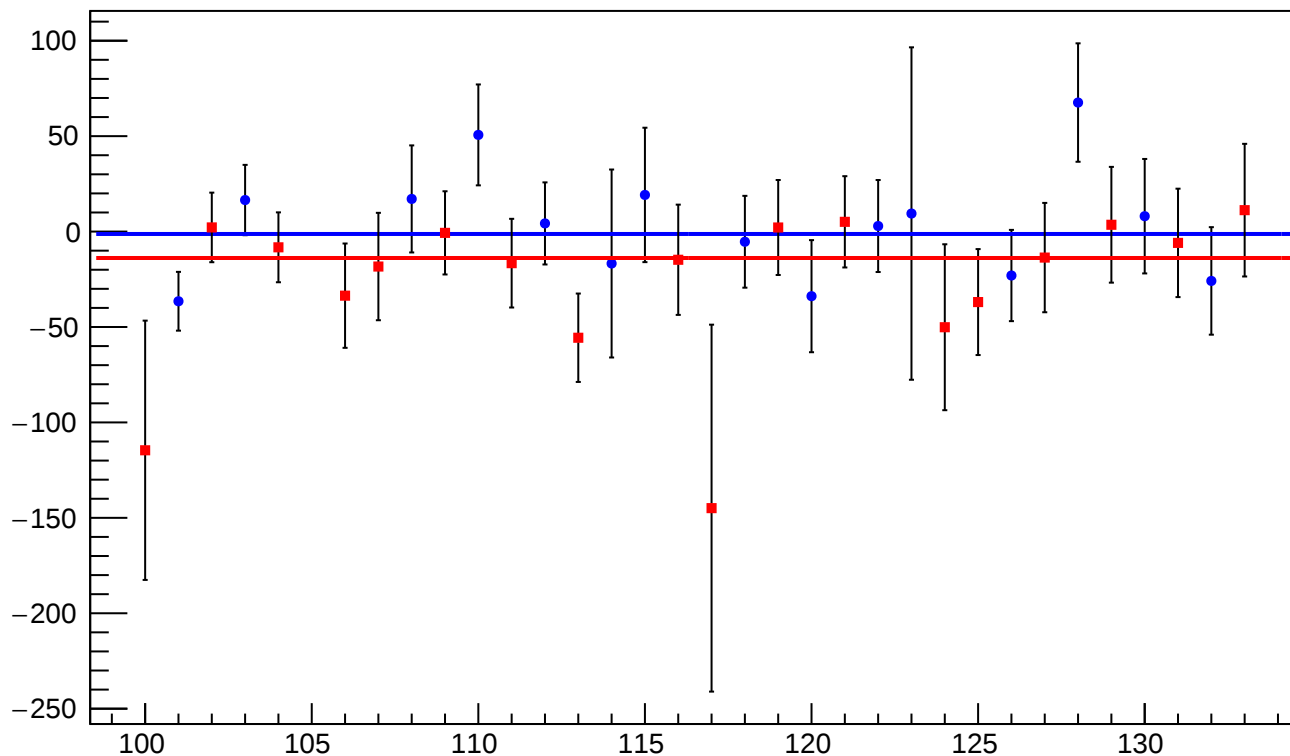


diff_bpm4aX_mean vs Slug



Right In: -1.258+/-6.573

χ^2/NDF : 18.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -13.843+/-6.262

χ^2/NDF : 12.5/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

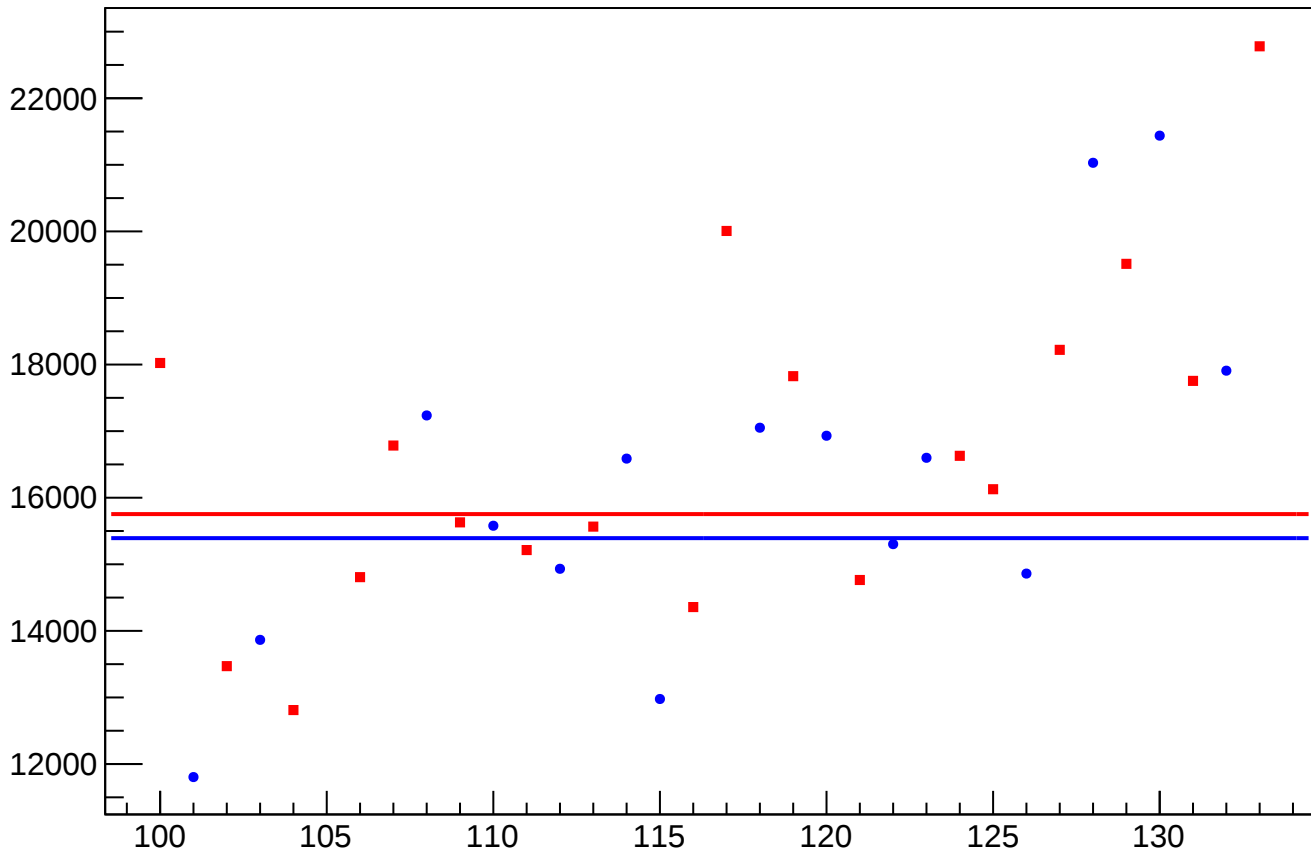
-1.258+/-6.573

χ^2/NDF : 18.9/14

-13.843+/-6.262

χ^2/NDF : 12.5/17

diff_bpm4aX_rms vs Slug



Right In: 15392.841+/-4.648 χ^2/NDF : 322194.4/14

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

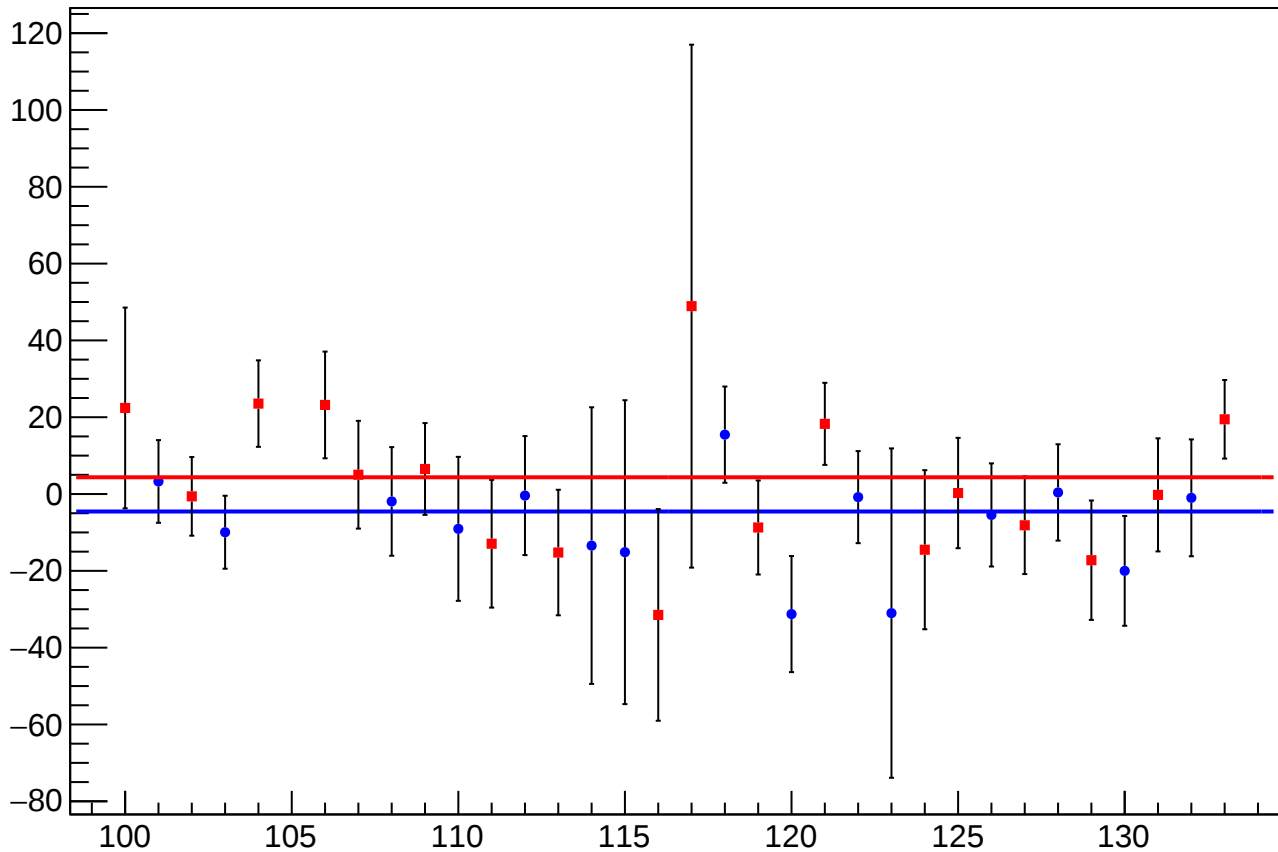
15392.841+/-4.648 χ^2/NDF : 322194.4/14

Right Out: 15754.045+/-4.428 χ^2/NDF : 255919.2/17

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

15754.045+/-4.428 χ^2/NDF : 255919.2/17

diff_bpm4aY_mean vs Slug



Right In: -4.545+/-3.714 χ^2/NDF : 8.7/14

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

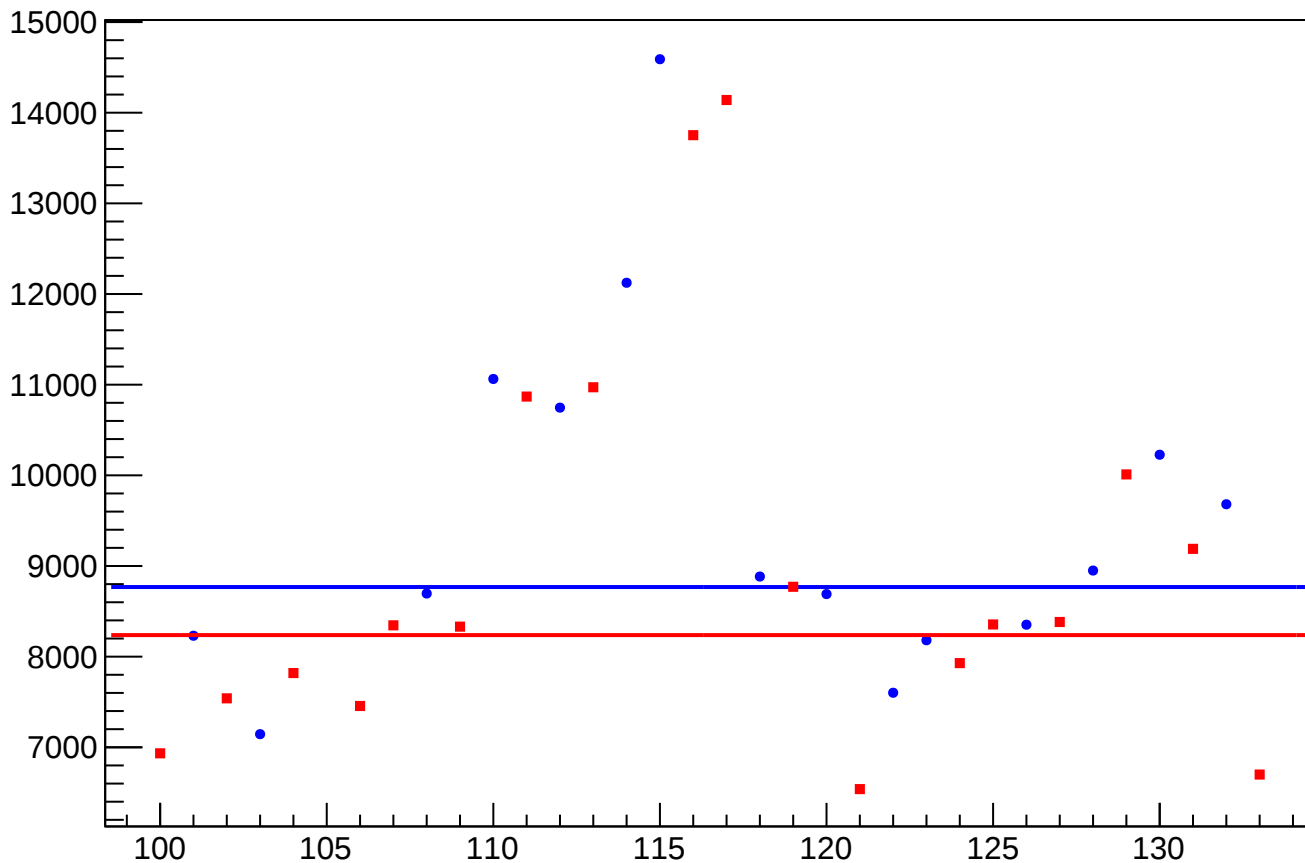
Right Out: 4.365+/-3.294 χ^2/NDF : 19.0/17

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

-4.545+/-3.714 χ^2/NDF : 8.7/14

4.365+/-3.294 χ^2/NDF : 19.0/17

diff_bpm4aY_rms vs Slug



Right In: 8767.979+/-2.626 χ^2/NDF : 236545.7/14

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

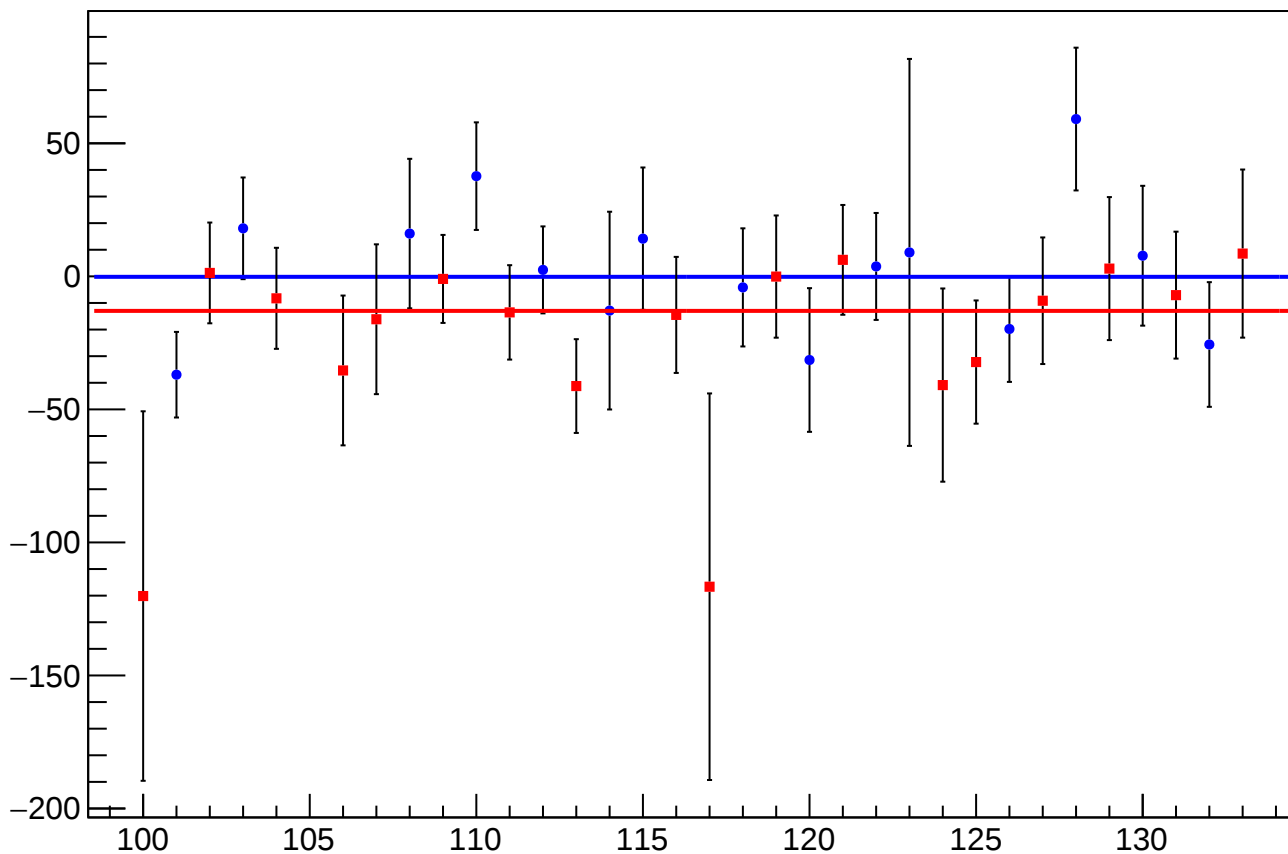
Right Out: 8237.869+/-2.329 χ^2/NDF : 359524.3/17

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

8767.979+/-2.626 χ^2/NDF : 236545.7/14

8237.869+/-2.329 χ^2/NDF : 359524.3/17

diff_bpm4eX_mean vs Slug



Right In: -0.175+/-5.829 χ^2 /NDF: 19.0/14

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

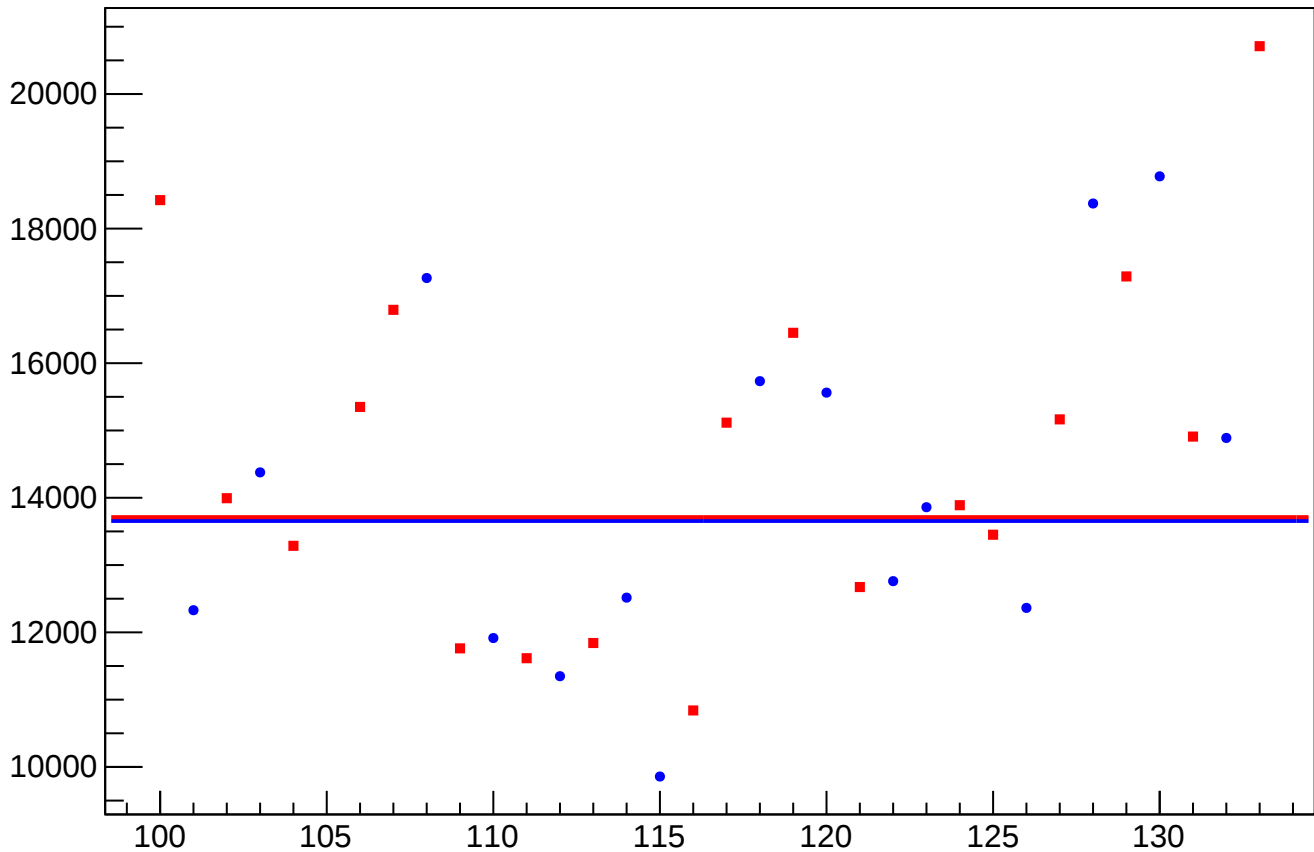
Right Out: -12.979+/-5.470 χ^2 /NDF: 12.2/17

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

-0.175+/-5.829 χ^2 /NDF: 19.0/14

-12.979+/-5.470 χ^2 /NDF: 12.2/17

diff_bpm4eX_rms vs Slug



Right In: 13655.889+/-4.122 χ^2/NDF : 329587.4/14

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

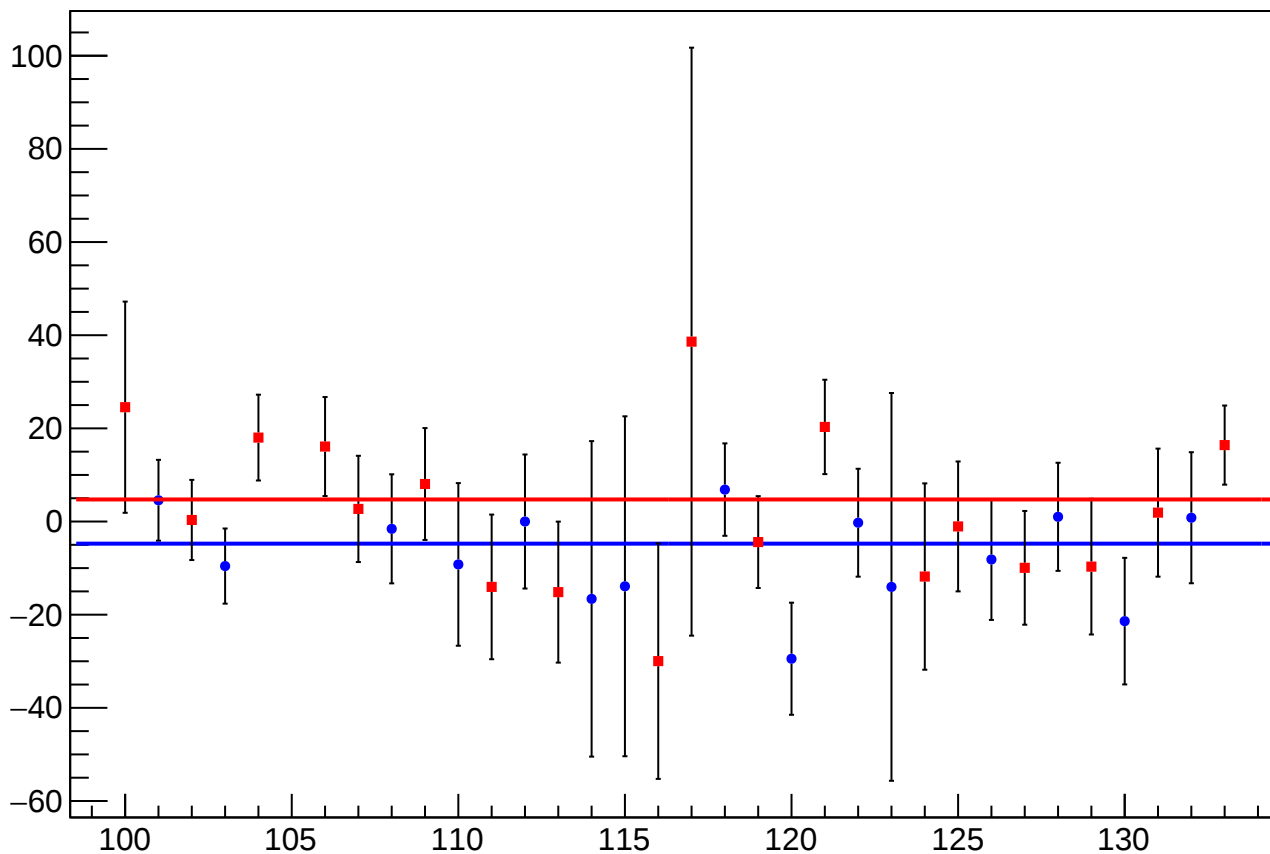
13655.889+/-4.122 χ^2/NDF : 329587.4/14

Right Out: 13711.608+/-3.868 χ^2/NDF : 335000.1/17

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

13711.608+/-3.868 χ^2/NDF : 335000.1/17

diff_bpm4eY_mean vs Slug



Right In: -4.750+/-3.251 χ^2/NDF : 9.7/14

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

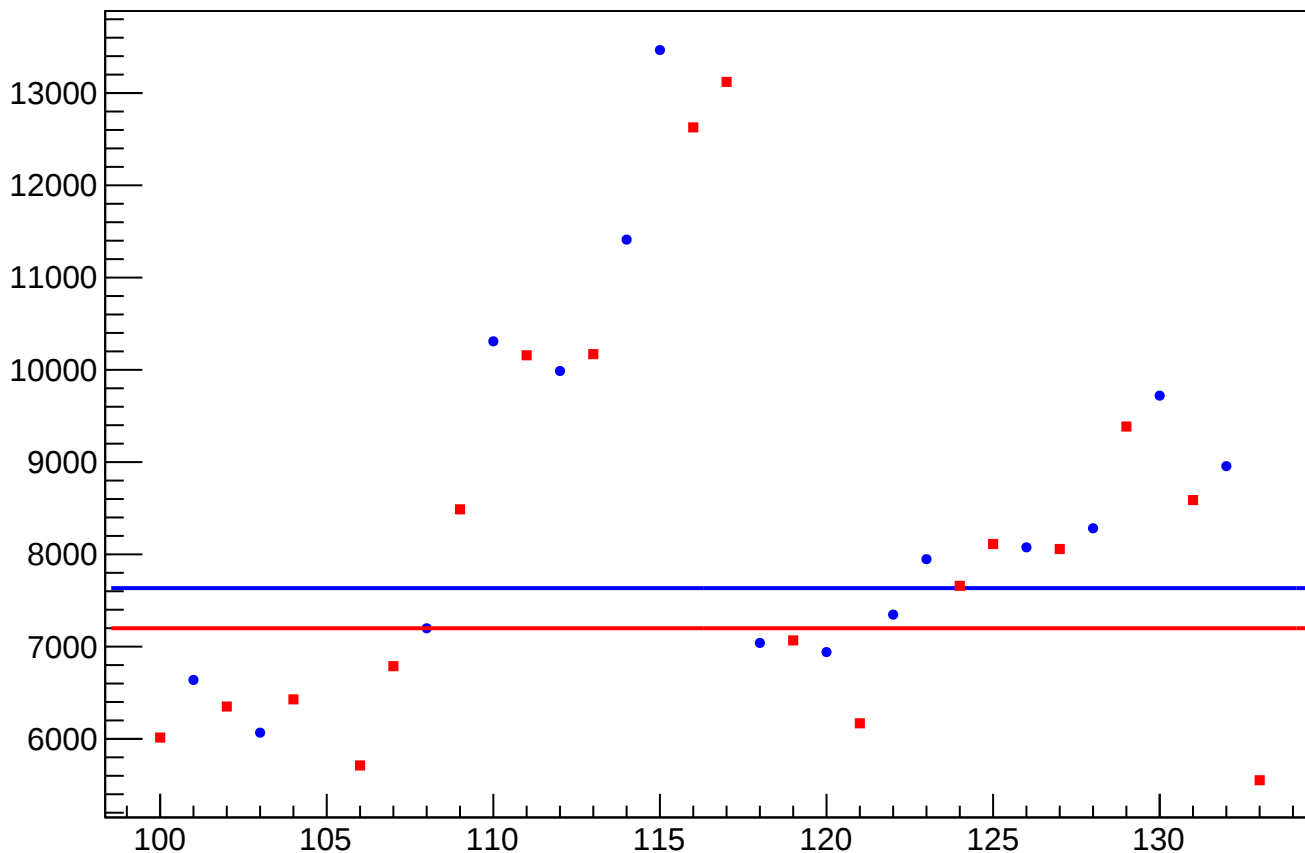
Right Out: 4.738+/-2.895 χ^2/NDF : 18.2/17

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

-4.750+/-3.251 χ^2/NDF : 9.7/14

4.738+/-2.895 χ^2/NDF : 18.2/17

diff_bpm4eY_rms vs Slug



Right In: 7634.207+/-2.299 χ^2/NDF : 369432.3/14

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

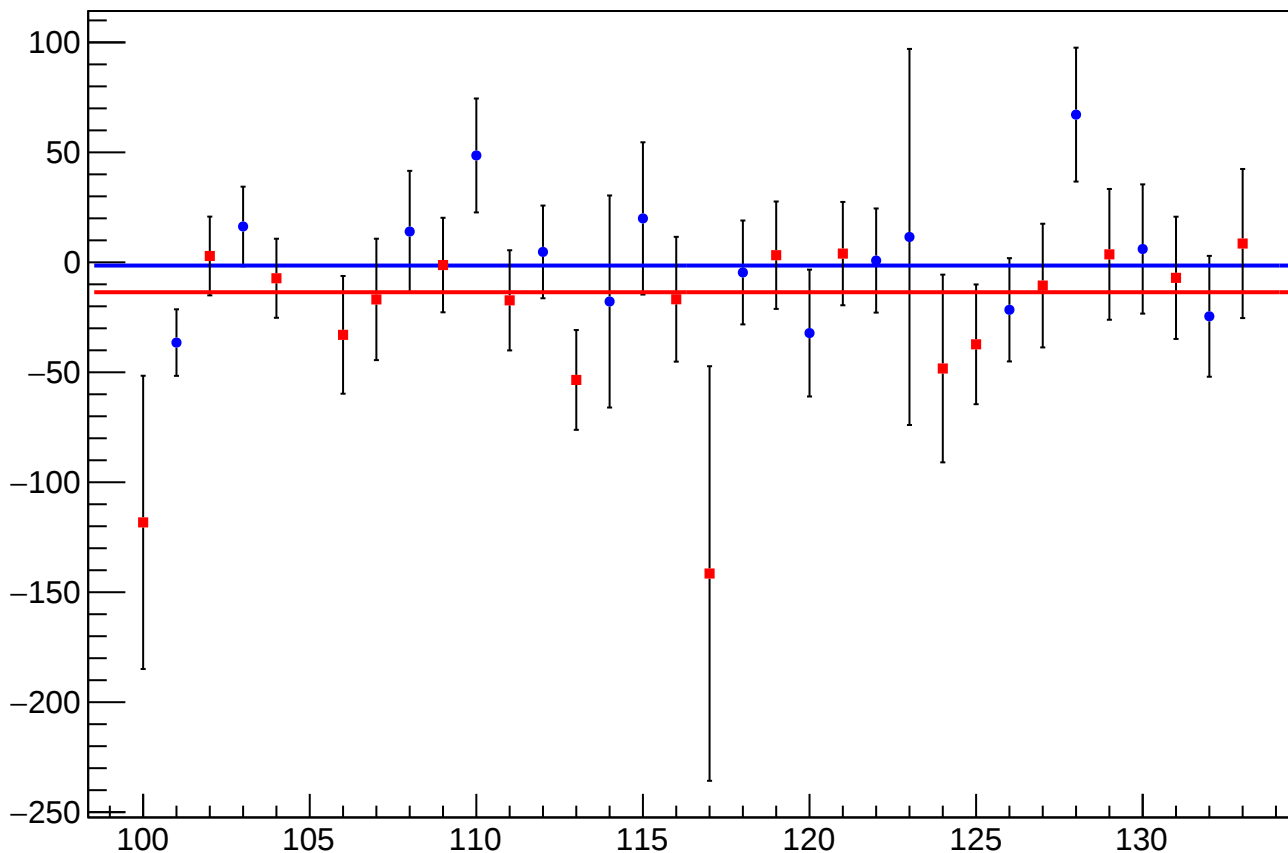
Right Out: 7199.345+/-2.047 χ^2/NDF : 544457.1/17

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

7634.207+/-2.299 χ^2/NDF : 369432.3/14

7199.345+/-2.047 χ^2/NDF : 544457.1/17

diff_bpm4acX_mean vs Slug



Right In: -1.466+/-6.450 χ^2/NDF : 18.7/14

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

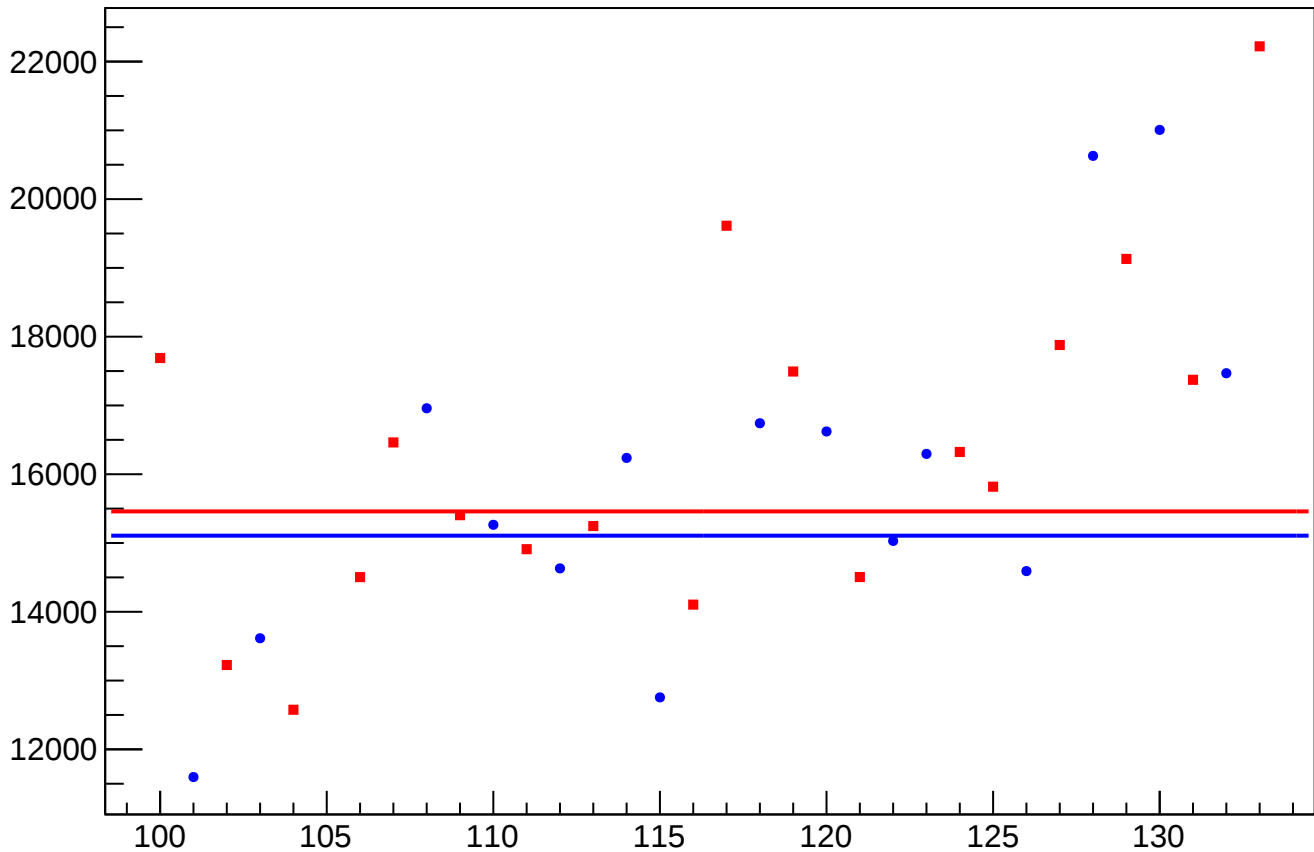
Right Out: -13.590+/-6.144 χ^2/NDF : 12.6/17

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

-1.466+/-6.450 χ^2/NDF : 18.7/14

-13.590+/-6.144 χ^2/NDF : 12.6/17

diff_bpm4acX_rms vs Slug



Right In: 15106.680+/-4.561 χ^2/NDF : 319301.4/14

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

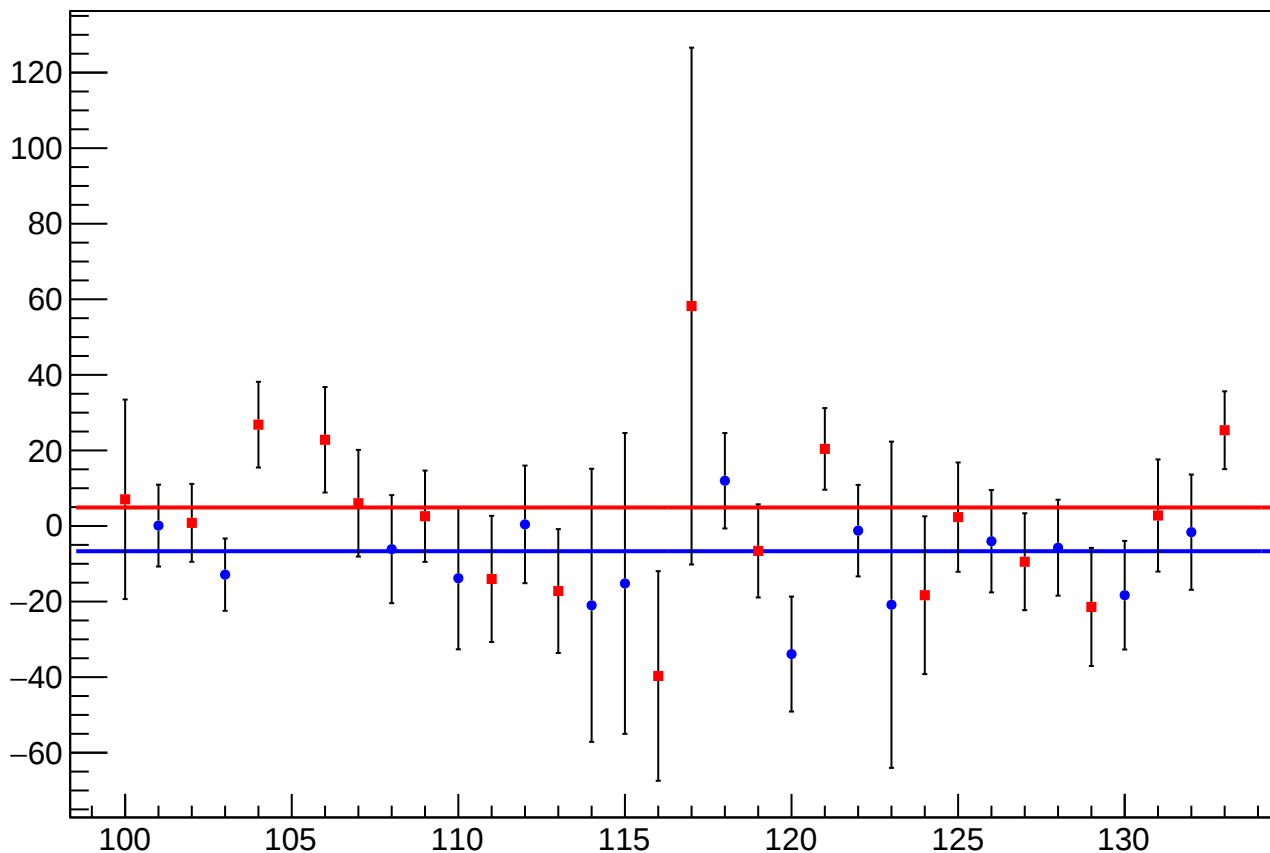
15106.680+/-4.561 χ^2/NDF : 319301.4/14

Right Out: 15459.411+/-4.345 χ^2/NDF : 252545.3/17

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

15459.411+/-4.345 χ^2/NDF : 252545.3/17

diff_bpm4acY_mean vs Slug



Right In: -6.672+/-3.742 χ^2/NDF : 7.9/14

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

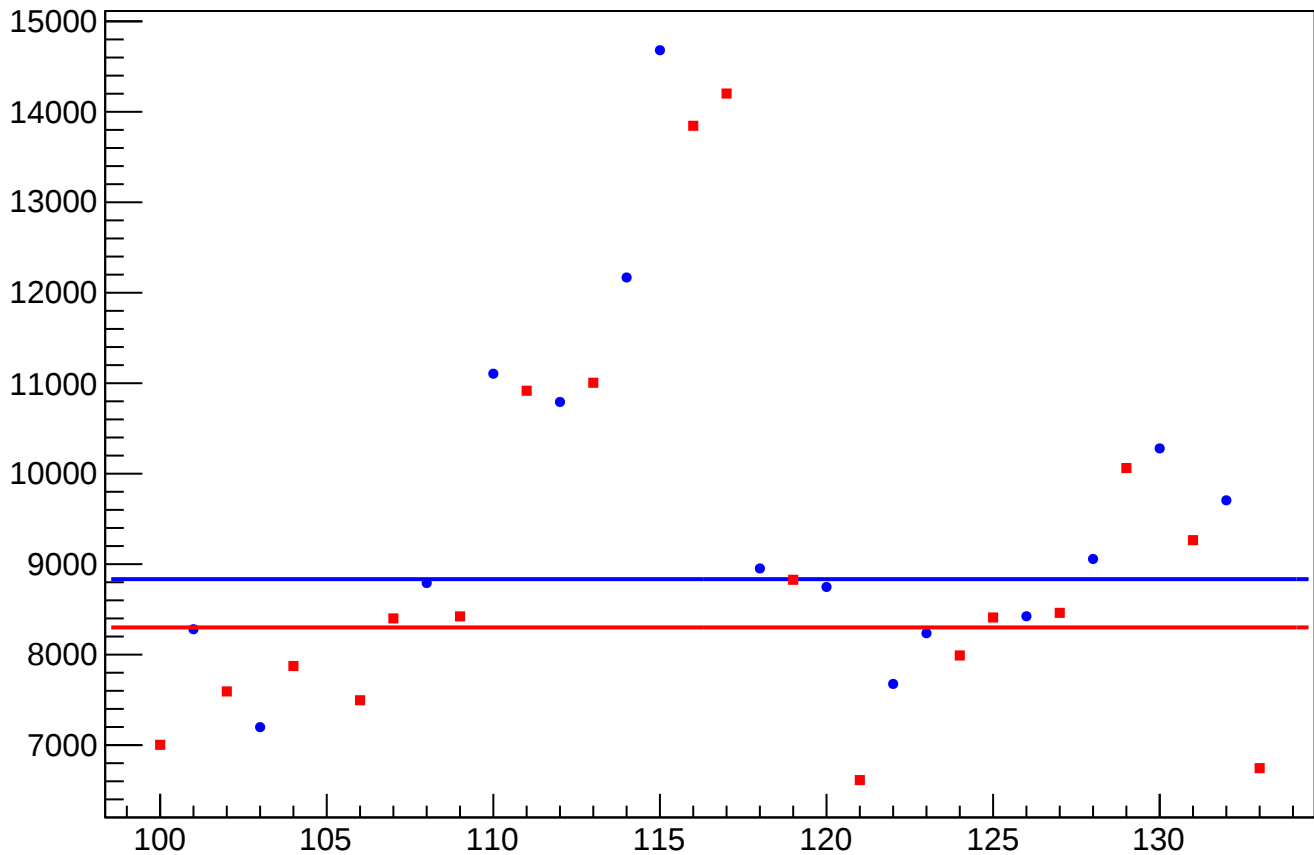
Right Out: 4.904+/-3.319 χ^2/NDF : 24.1/17

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

-6.672+/-3.742 χ^2/NDF : 7.9/14

4.904+/-3.319 χ^2/NDF : 24.1/17

diff_bpm4acY_rms vs Slug



Right In: 8834.158+/-2.646 χ^2/NDF : 232755.7/14

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

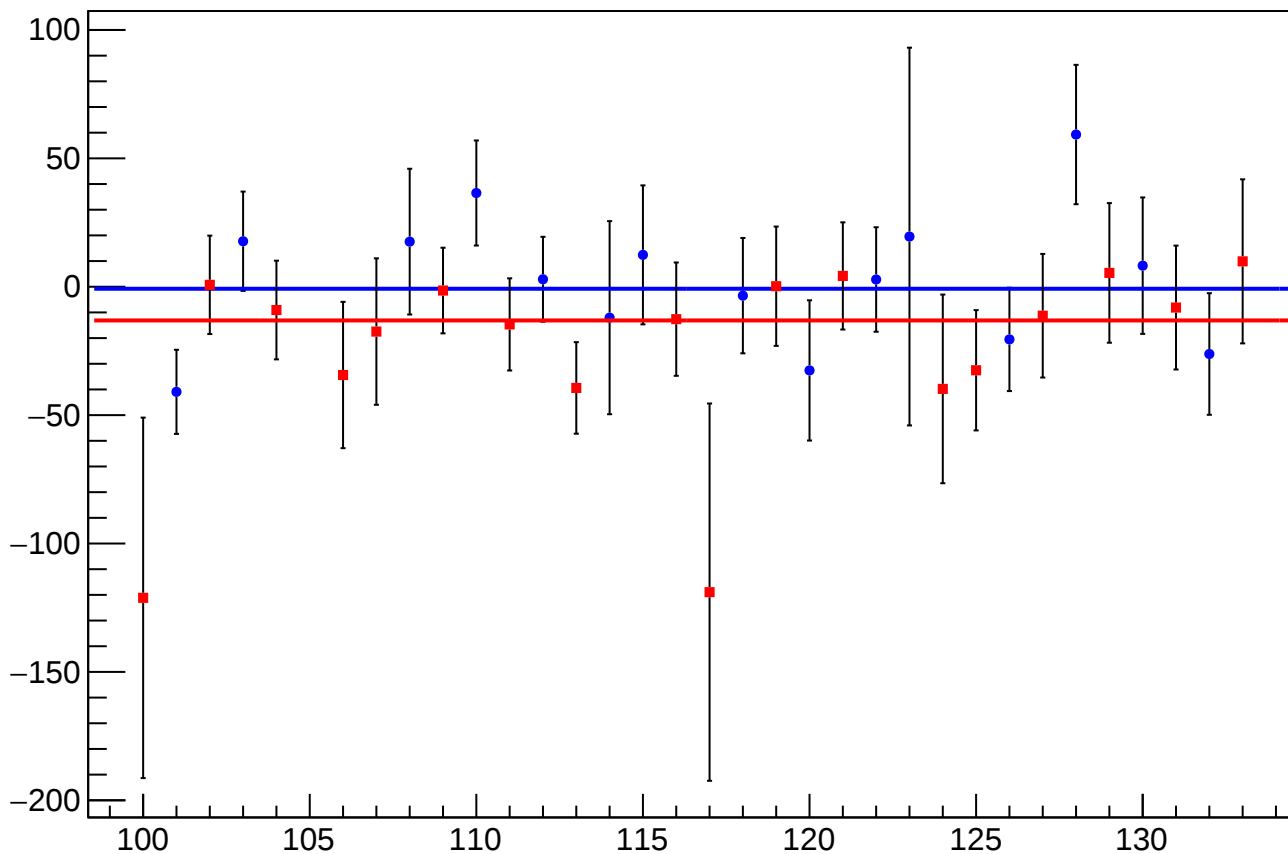
8834.158+/-2.646 χ^2/NDF : 232755.7/14

Right Out: 8300.765+/-2.347 χ^2/NDF : 355150.2/17

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

8300.765+/-2.347 χ^2/NDF : 355150.2/17

diff_bpm4ecX_mean vs Slug



Right In: -0.781+/-5.901 χ^2/NDF : 19.6/14

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

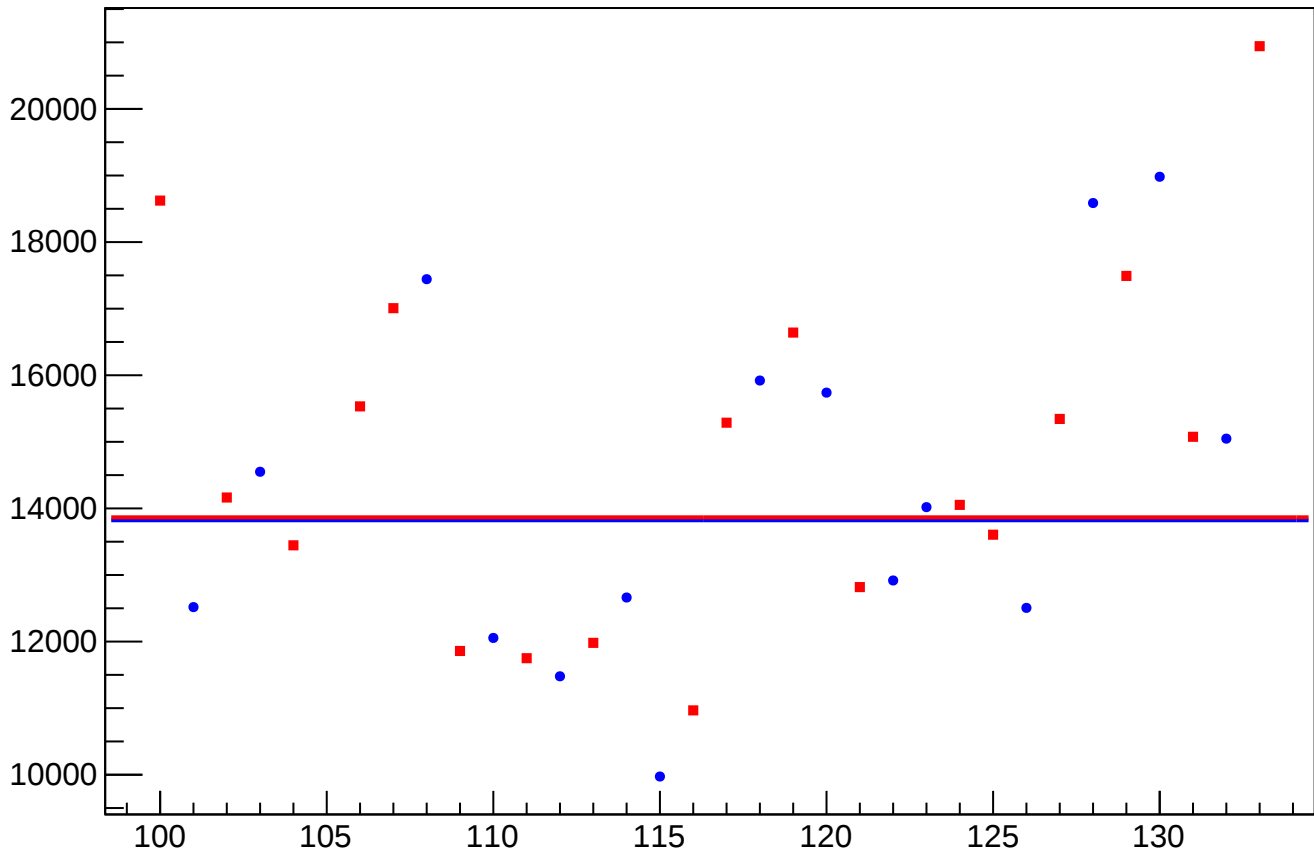
Right Out: -13.127+/-5.532 χ^2/NDF : 11.5/17

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

-0.781+/-5.901 χ^2/NDF : 19.6/14

-13.127+/-5.532 χ^2/NDF : 11.5/17

diff_bpm4ecX_rms vs Slug



Right In: 13822.204 $\pm$ 4.173 χ^2 /NDF: 327822.0/14

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

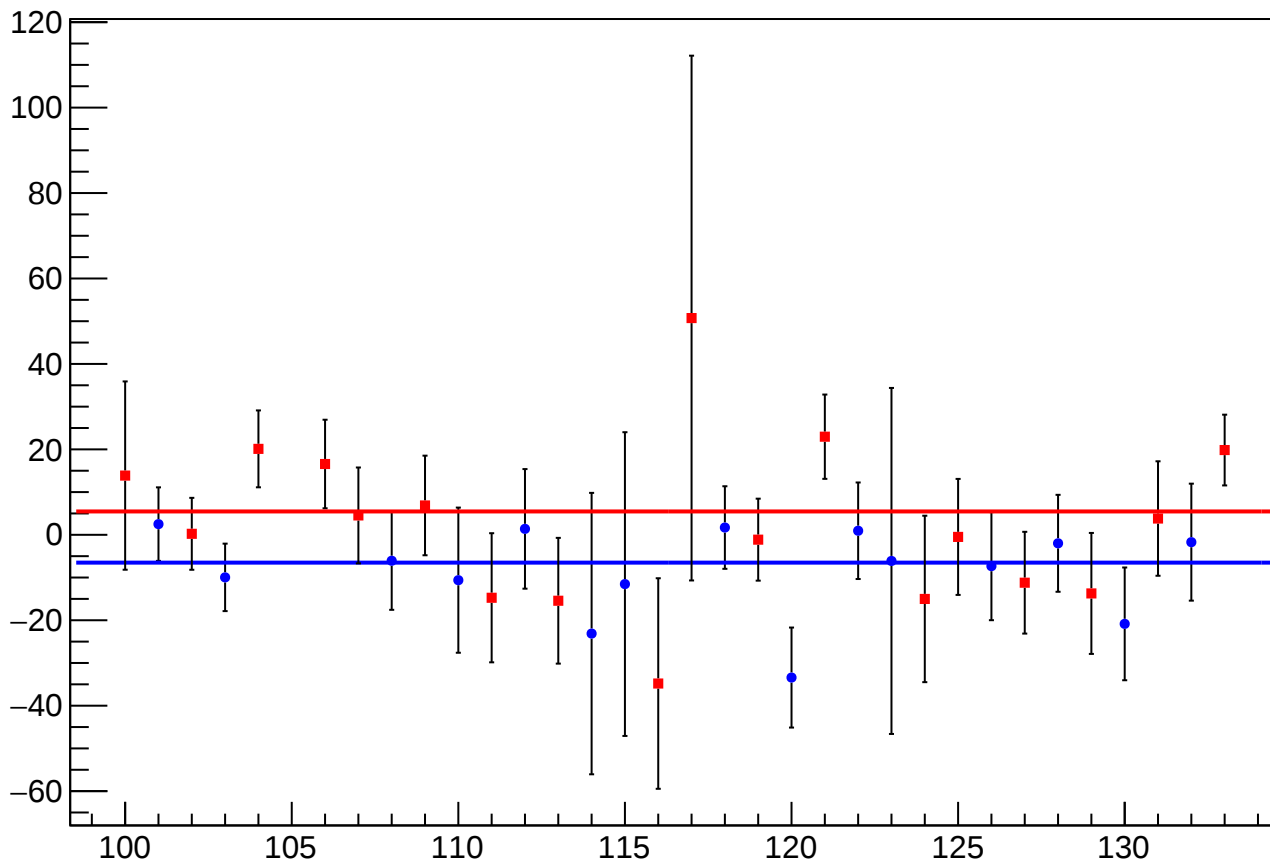
Right Out: 13866.425 $\pm$ 3.912 χ^2 /NDF: 336330.7/17

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

13822.204 $\pm$ 4.173 χ^2 /NDF: 327822.0/14

13866.425 $\pm$ 3.912 χ^2 /NDF: 336330.7/17

diff_bpm4ecY_mean vs Slug



Right In: -6.511+/-3.179 χ^2 /NDF: 9.8/14

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

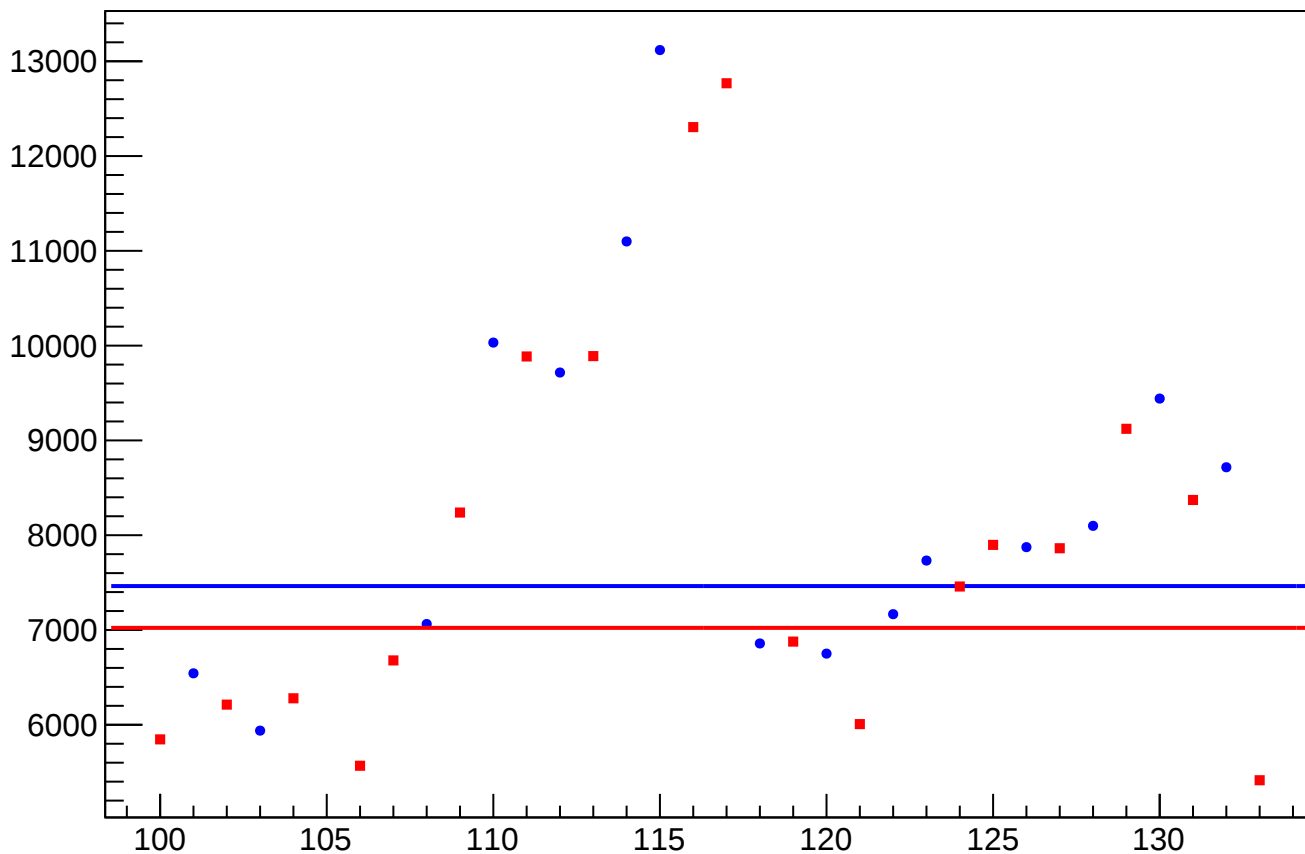
Right Out: 5.469+/-2.824 χ^2 /NDF: 23.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.511+/-3.179 χ^2 /NDF: 9.8/14

5.469+/-2.824 χ^2 /NDF: 23.1/17

diff_bpm4ecY_rms vs Slug



Right In: 7463.369+/-2.248 χ^2/NDF : 359232.8/14

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

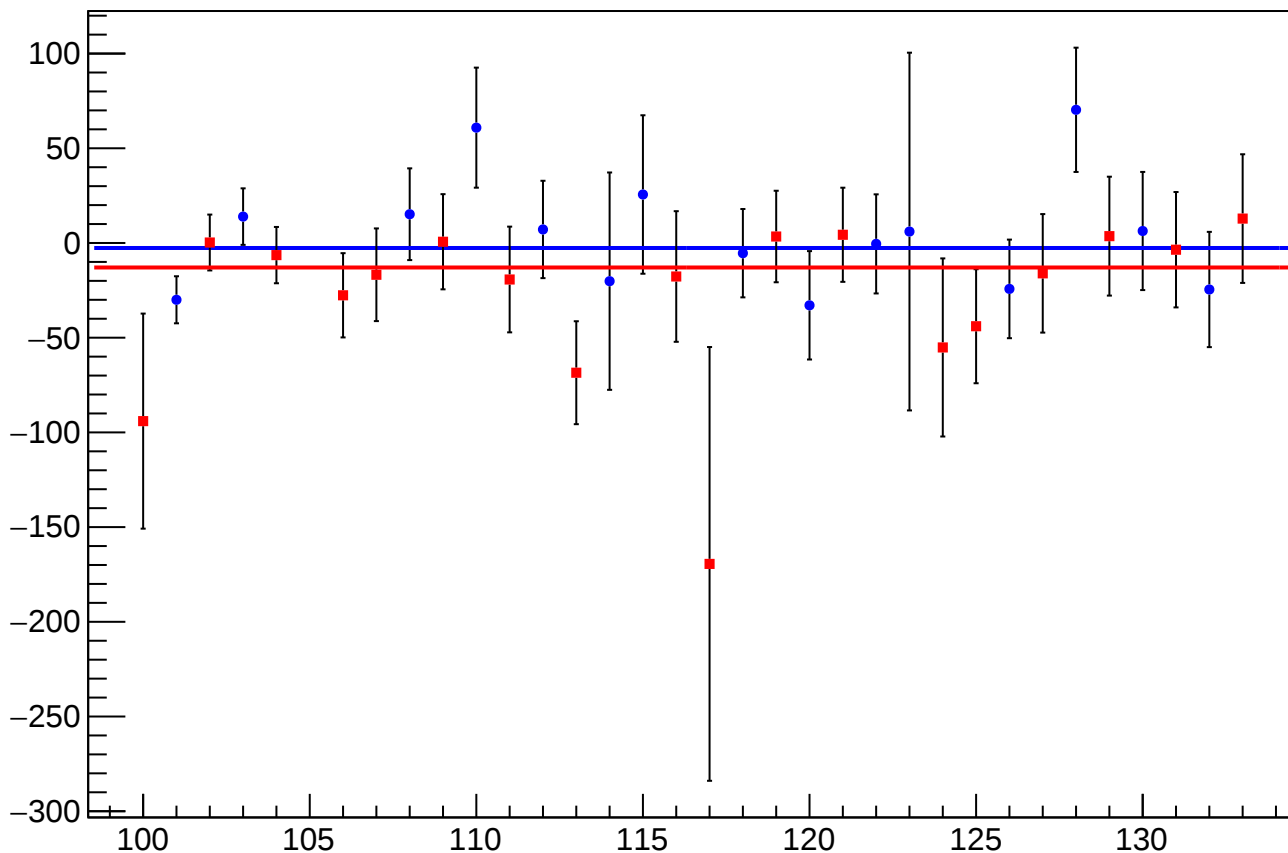
Right Out: 7022.544+/-1.997 χ^2/NDF : 538549.8/17

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

7463.369+/-2.248 χ^2/NDF : 359232.8/14

7022.544+/-1.997 χ^2/NDF : 538549.8/17

diff_bpm1X_mean vs Slug



Right In: -2.642 $\pm$ 6.298 χ^2 /NDF: 18.7/14

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

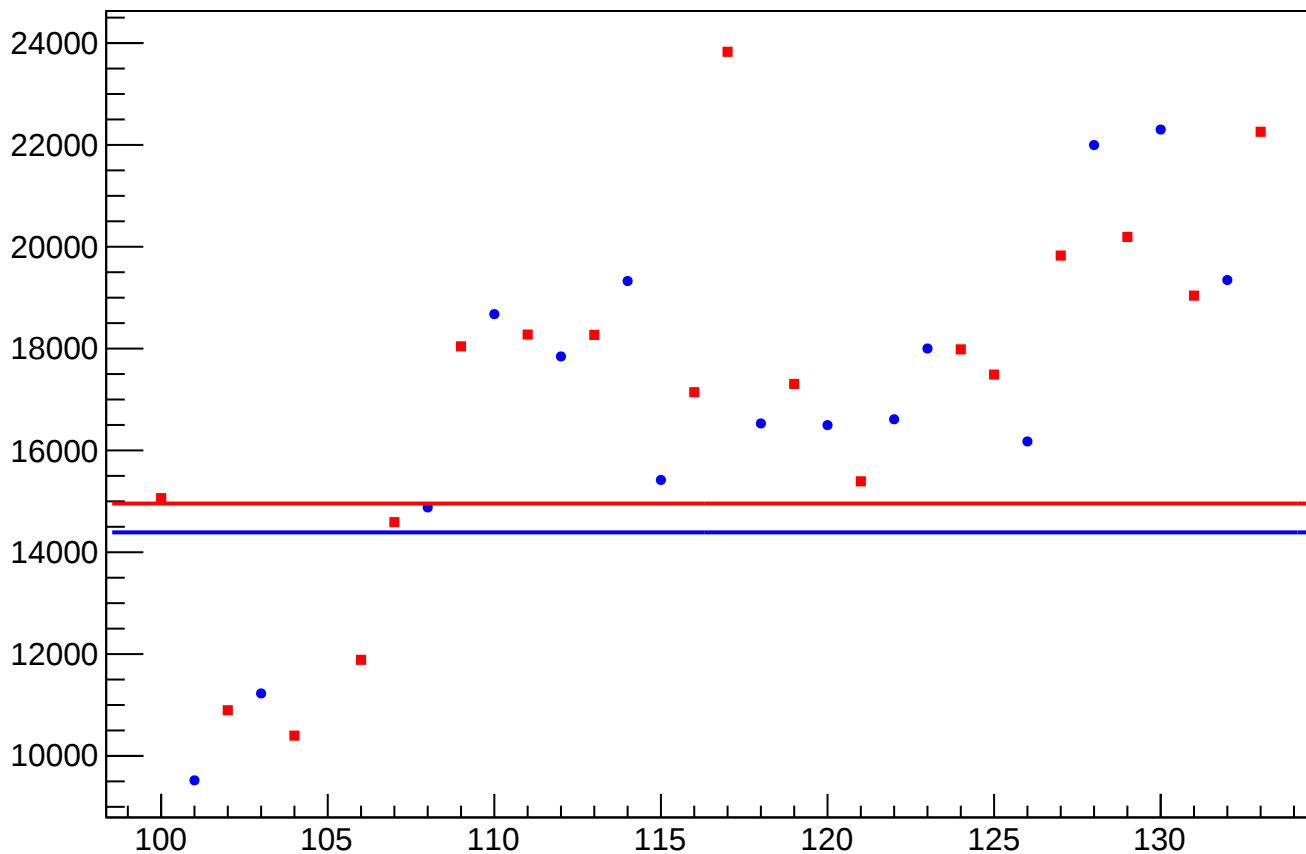
Right Out: -12.938 $\pm$ 6.070 χ^2 /NDF: 13.7/17

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

-2.642 $\pm$ 6.298 χ^2 /NDF: 18.7/14

-12.938 $\pm$ 6.070 χ^2 /NDF: 13.7/17

diff_bpm1X_rms vs Slug



Right In: 14390.261+/-4.453 χ^2/NDF : 830692.8/14

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

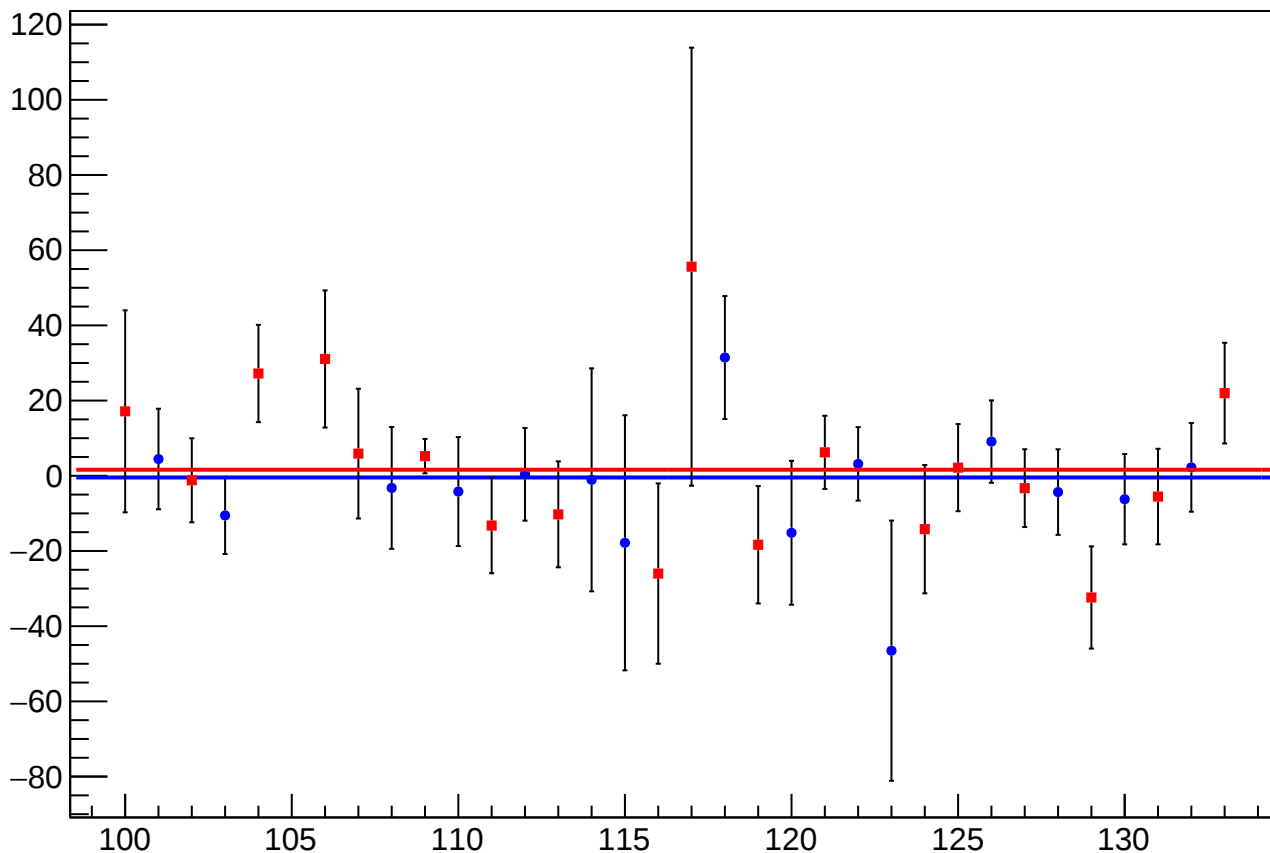
Right Out: 14956.540+/-4.292 χ^2/NDF : 760933.6/17

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

14390.261+/-4.453 χ^2/NDF : 830692.8/14

14956.540+/-4.292 χ^2/NDF : 760933.6/17

diff_bpm1Y_mean vs Slug



Right In: -0.447+/-3.531 χ^2/NDF : 8.9/14

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

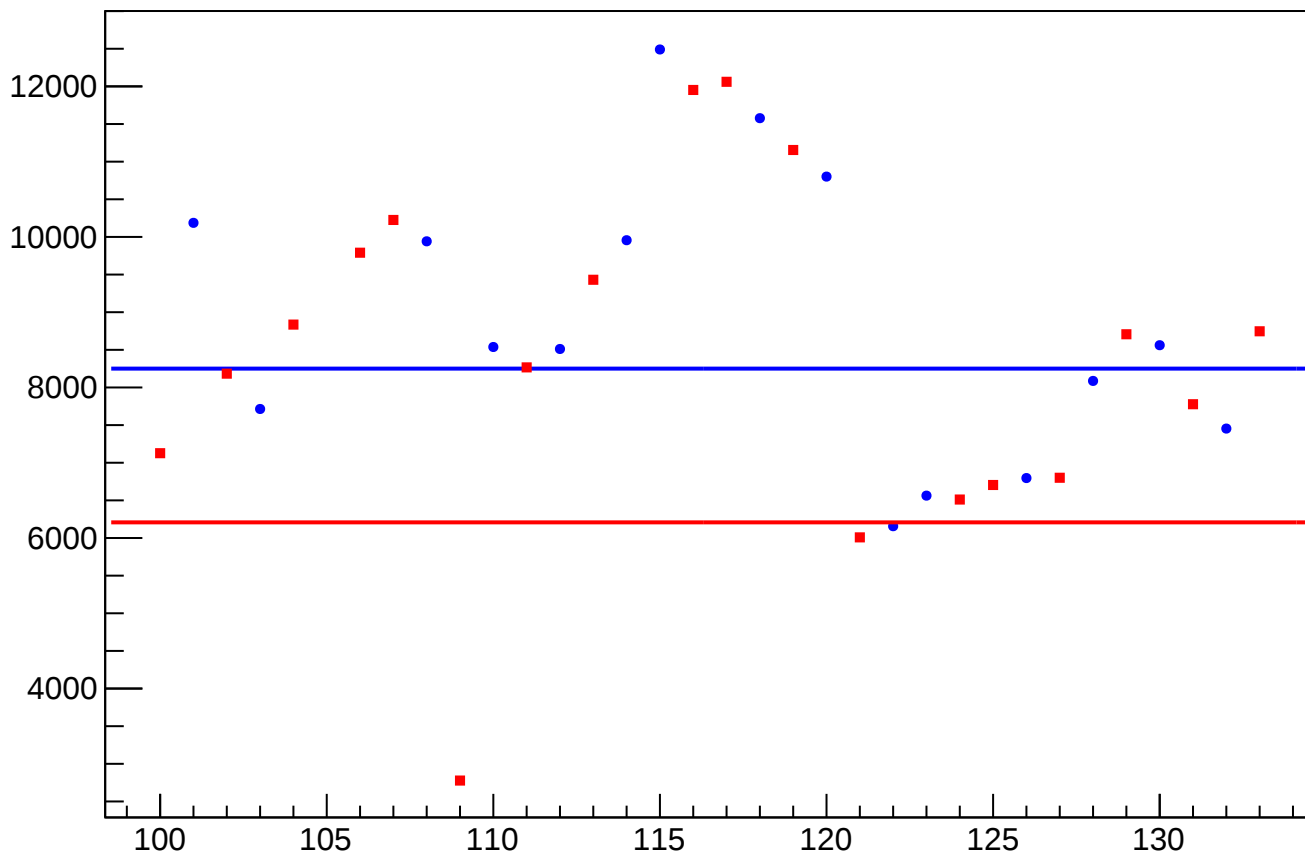
Right Out: 1.609+/-2.723 χ^2/NDF : 23.7/17

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

-0.447+/-3.531 χ^2/NDF : 8.9/14

1.609+/-2.723 χ^2/NDF : 23.7/17

diff_bpm1Y_rms vs Slug



Right In: 8250.521+/-2.497 χ^2/NDF : 369810.5/14

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

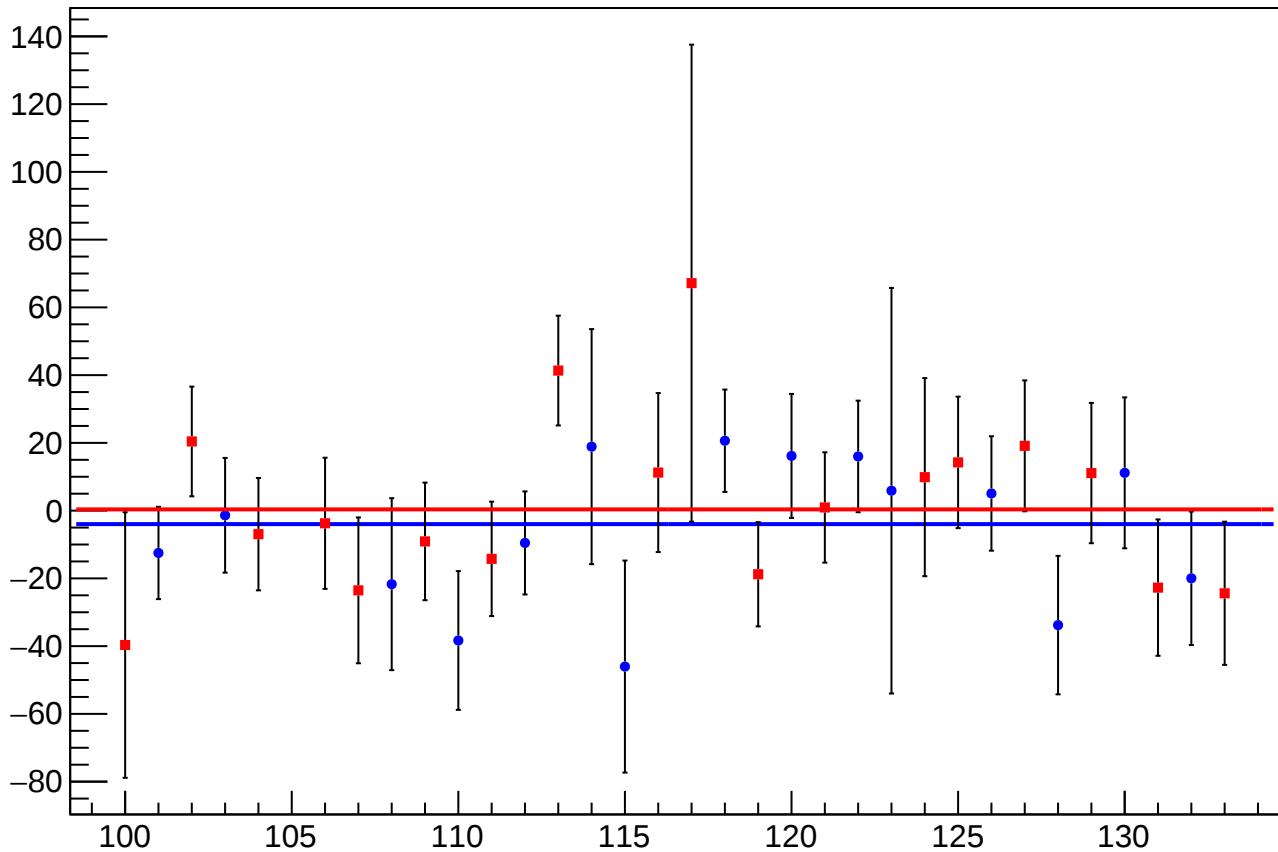
Right Out: 6207.859+/-1.926 χ^2/NDF : 2130963.7/17

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

8250.521+/-2.497 χ^2/NDF : 369810.5/14

6207.859+/-1.926 χ^2/NDF : 2130963.7/17

diff_bpm11X_mean vs Slug



Right In: -3.980+/-4.950 χ^2 /NDF: 15.0/14

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

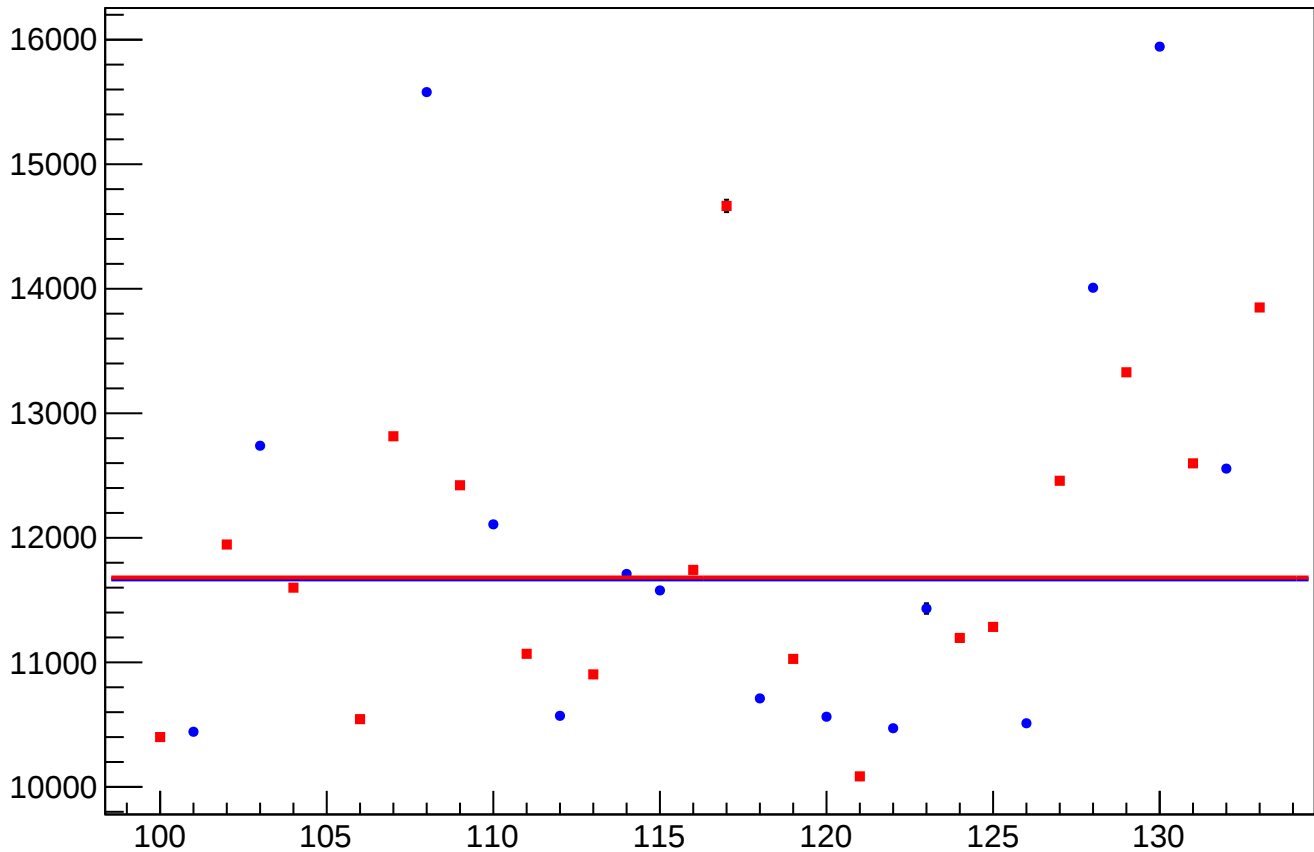
Right Out: 0.369+/-4.607 χ^2 /NDF: 18.7/17

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

-3.980+/-4.950 χ^2 /NDF: 15.0/14

0.369+/-4.607 χ^2 /NDF: 18.7/17

diff_bpm11X_rms vs Slug



Right In: 11666.321+/-3.501 χ^2/NDF : 222270.4/14

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

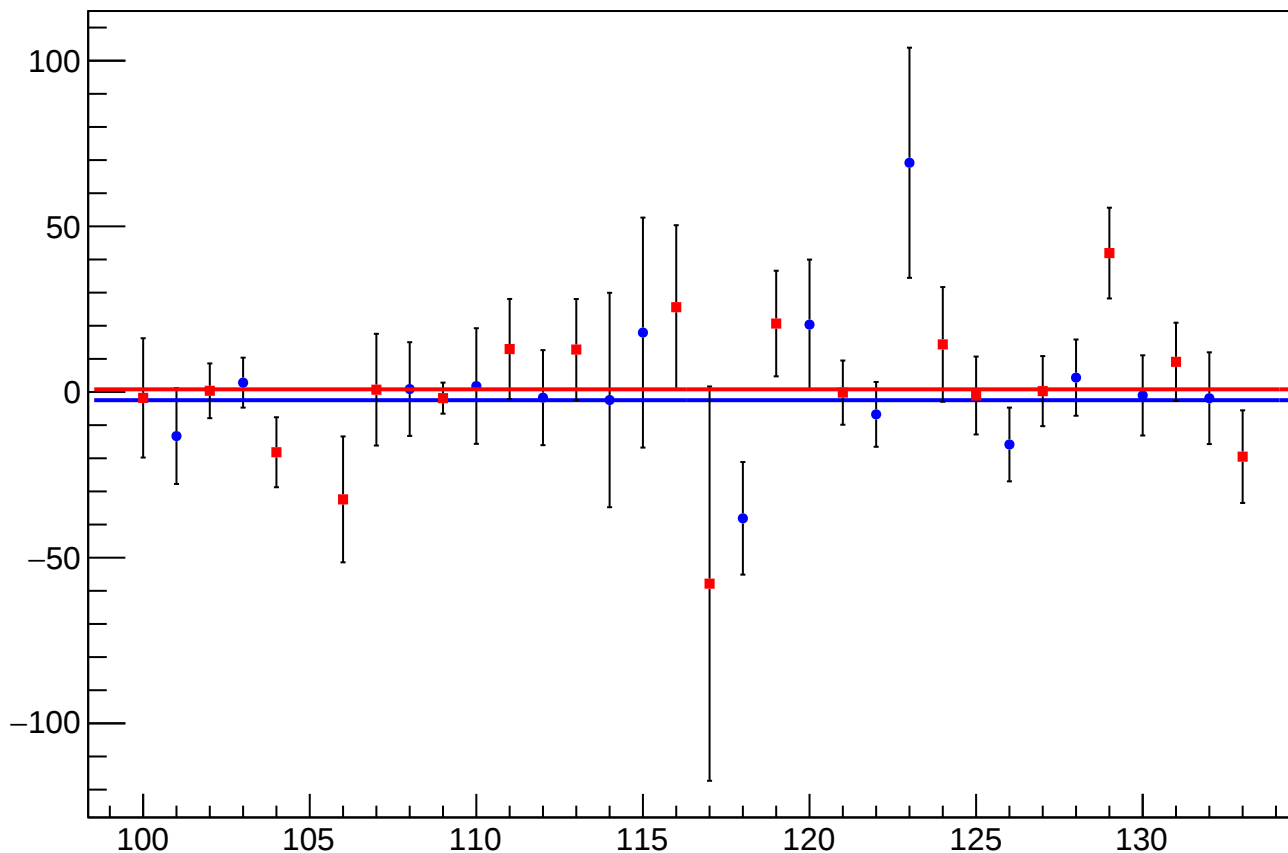
Right Out: 11681.406+/-3.258 χ^2/NDF : 94974.0/17

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

11666.321+/-3.501 χ^2/NDF : 222270.4/14

11681.406+/-3.258 χ^2/NDF : 94974.0/17

diff_bpm11Y_mean vs Slug



Right In: -2.465+/-3.485 χ^2/NDF : 13.5/14

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

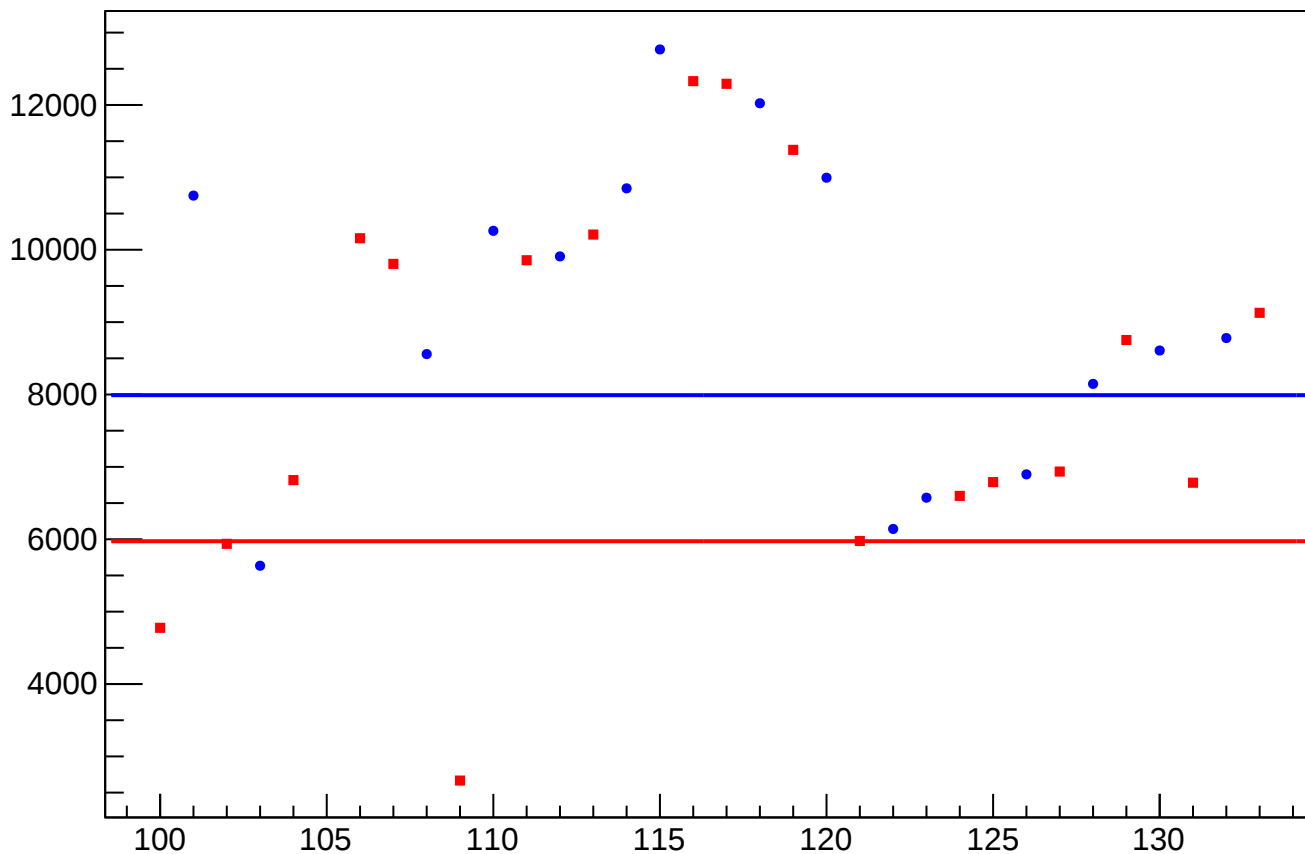
Right Out: 0.812+/-2.665 χ^2/NDF : 23.7/17

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

-2.465+/-3.485 χ^2/NDF : 13.5/14

0.812+/-2.665 χ^2/NDF : 23.7/17

diff_bpm11Y_rms vs Slug



Right In: 7990.849 $\pm$ 2.465 χ^2 /NDF: 660035.0/14

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

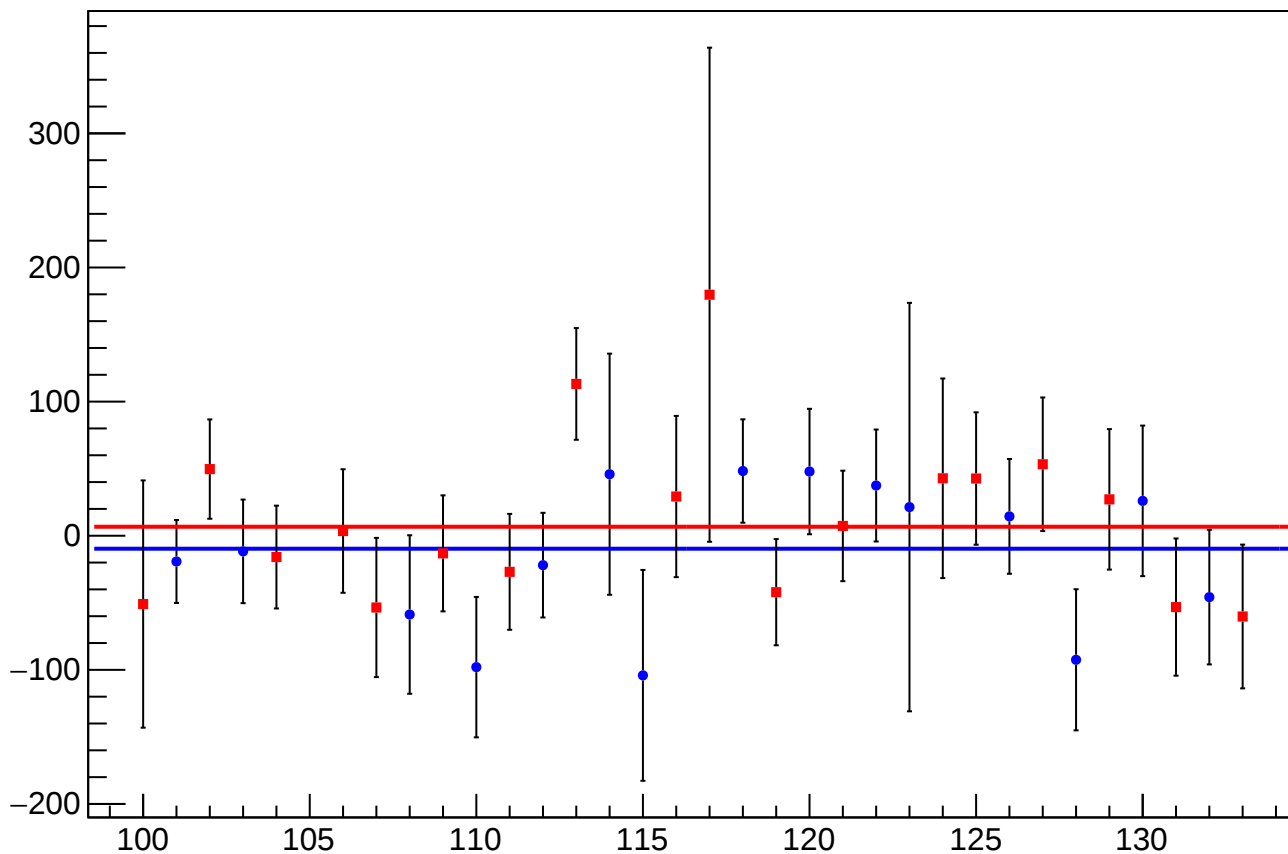
Right Out: 5973.062 $\pm$ 1.884 χ^2 /NDF: 2110442.4/17

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

7990.849 $\pm$ 2.465 χ^2 /NDF: 660035.0/14

5973.062 $\pm$ 1.884 χ^2 /NDF: 2110442.4/17

diff_bpm12X_mean vs Slug



Right In: -9.684+/-12.236 χ^2/NDF : 14.4/14

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

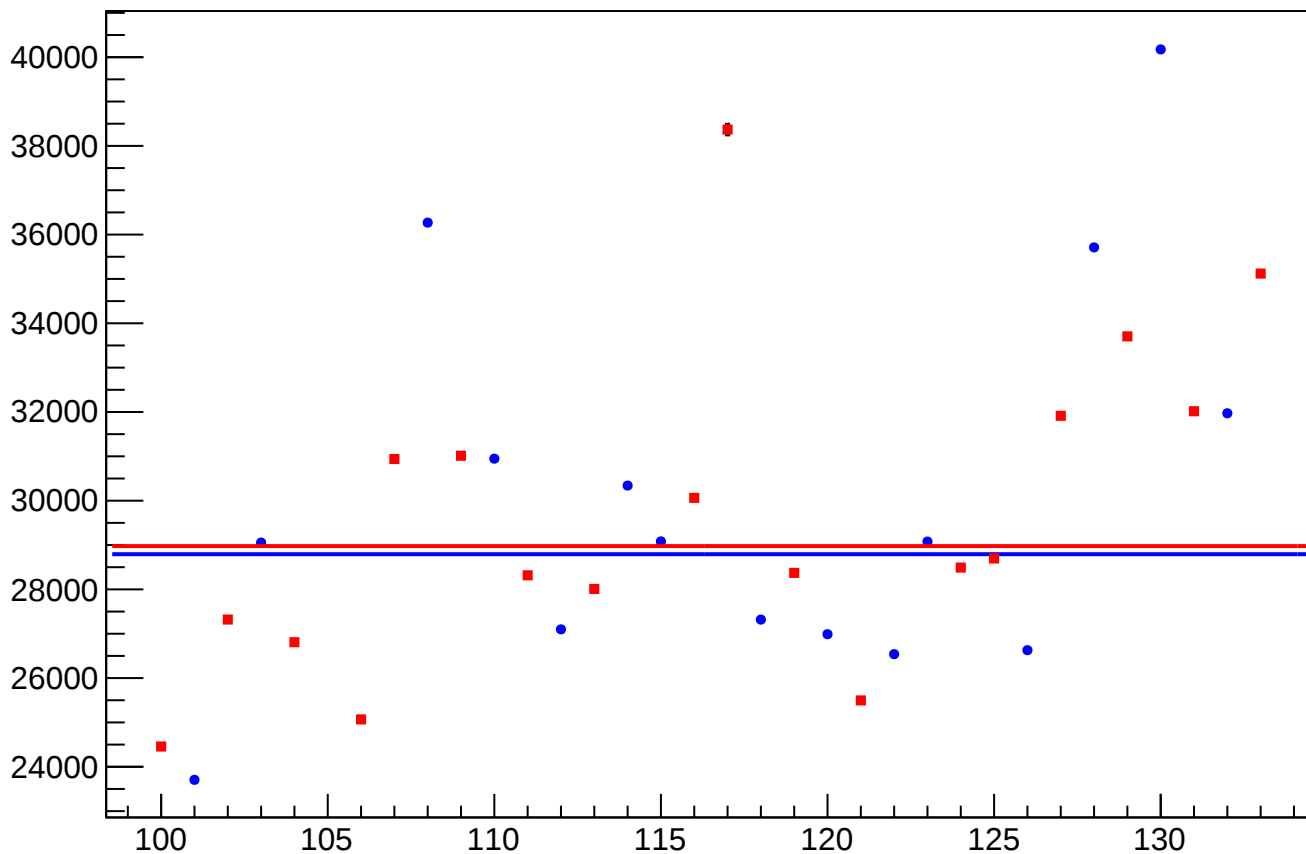
Right Out: 6.711+/-11.441 χ^2/NDF : 18.1/17

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

-9.684+/-12.236 χ^2/NDF : 14.4/14

6.711+/-11.441 χ^2/NDF : 18.1/17

diff_bpm12X_rms vs Slug



Right In: 28793.197+/-8.652 χ^2/NDF : 235653.2/14

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

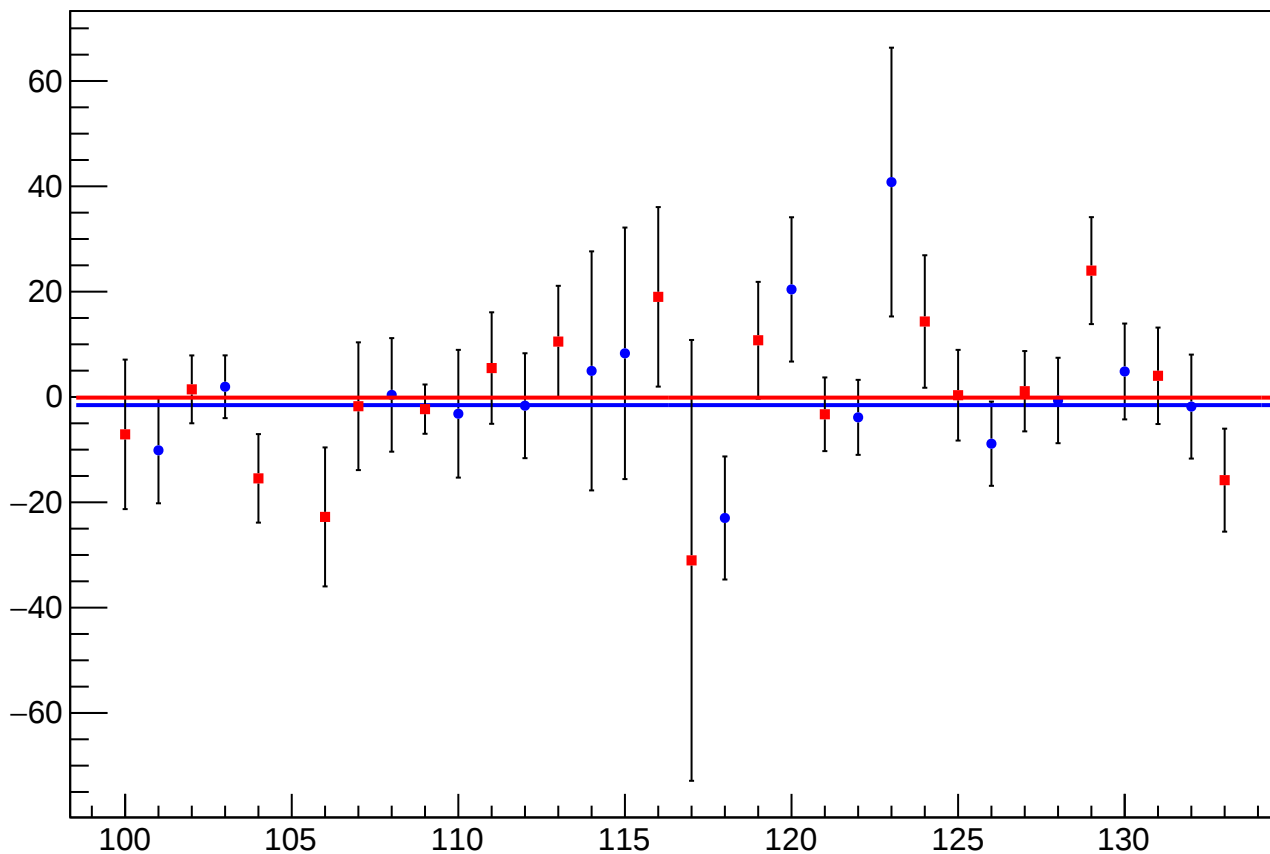
Right Out: 28976.045+/-8.090 χ^2/NDF : 115797.9/17

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

28793.197+/-8.652 χ^2/NDF : 235653.2/14

28976.045+/-8.090 χ^2/NDF : 115797.9/17

diff_bpm12Y_mean vs Slug



Right In: -1.544+/-2.546 χ^2/NDF : 11.5/14

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

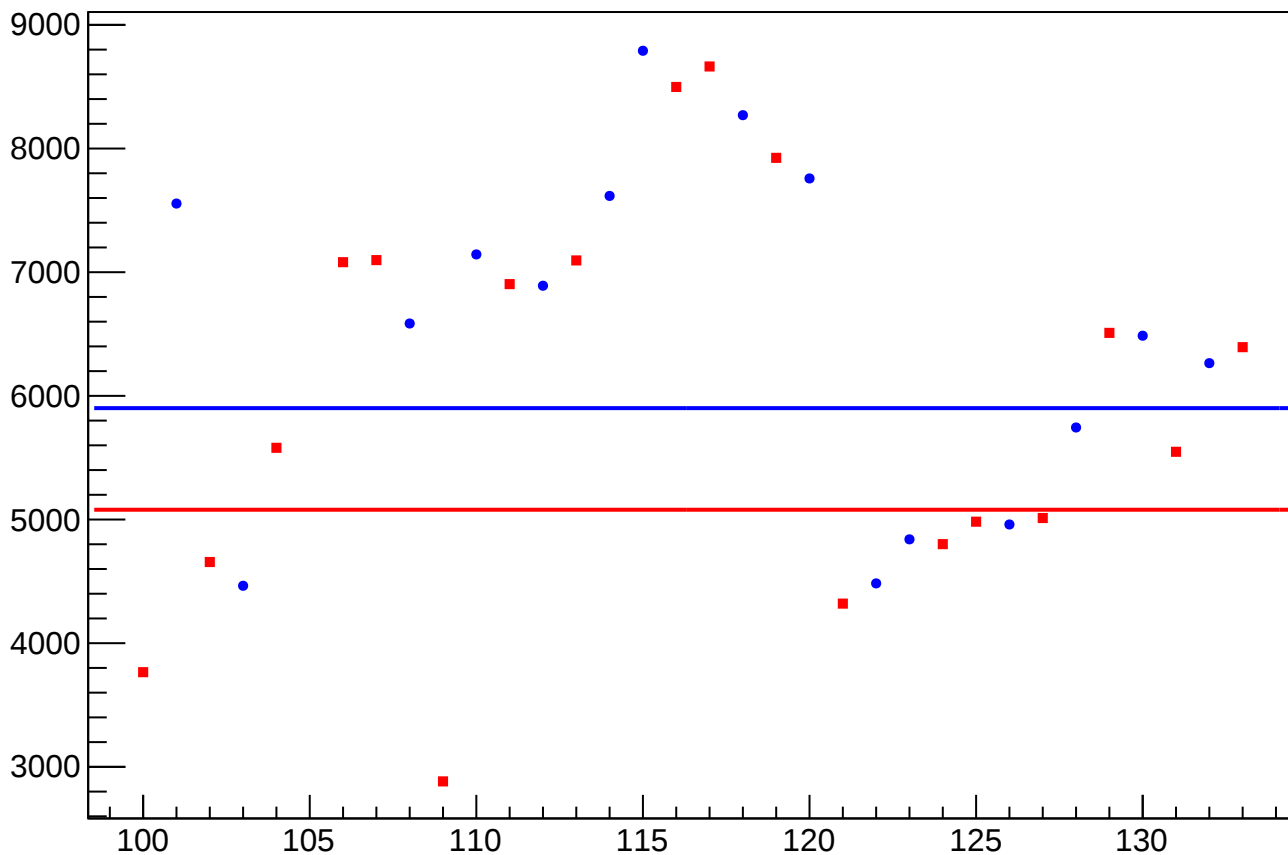
Right Out: -0.121+/-2.128 χ^2/NDF : 20.8/17

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

-1.544+/-2.546 χ^2/NDF : 11.5/14

-0.121+/-2.128 χ^2/NDF : 20.8/17

diff_bpm12Y_rms vs Slug



Right In: 5900.823+/-1.800 χ^2/NDF : 500784.6/14

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

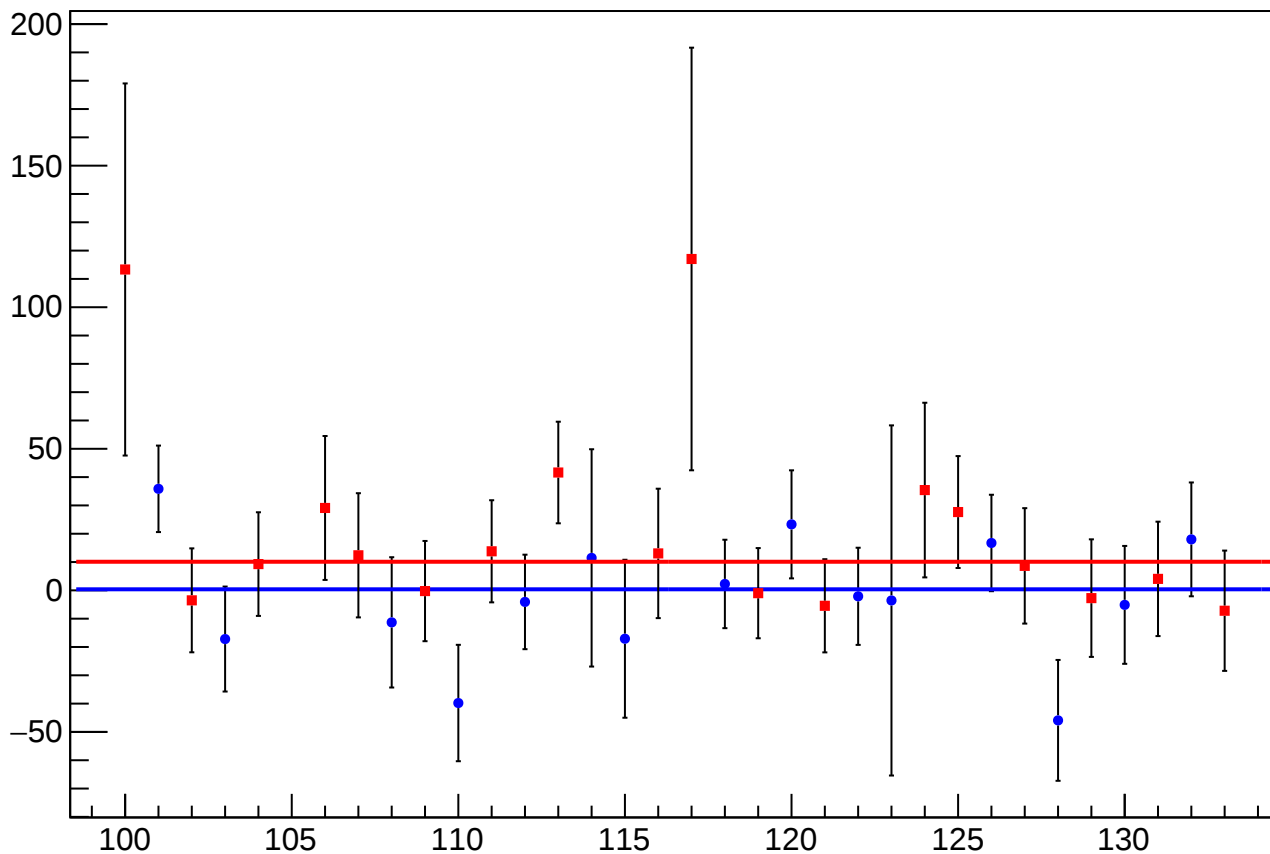
Right Out: 5079.141+/-1.504 χ^2/NDF : 1039618.3/17

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

5900.823+/-1.800 χ^2/NDF : 500784.6/14

5079.141+/-1.504 χ^2/NDF : 1039618.3/17

diff_bpm16X_mean vs Slug



Right In: 0.373 ± 5.134 χ^2/NDF : 18.9/14

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

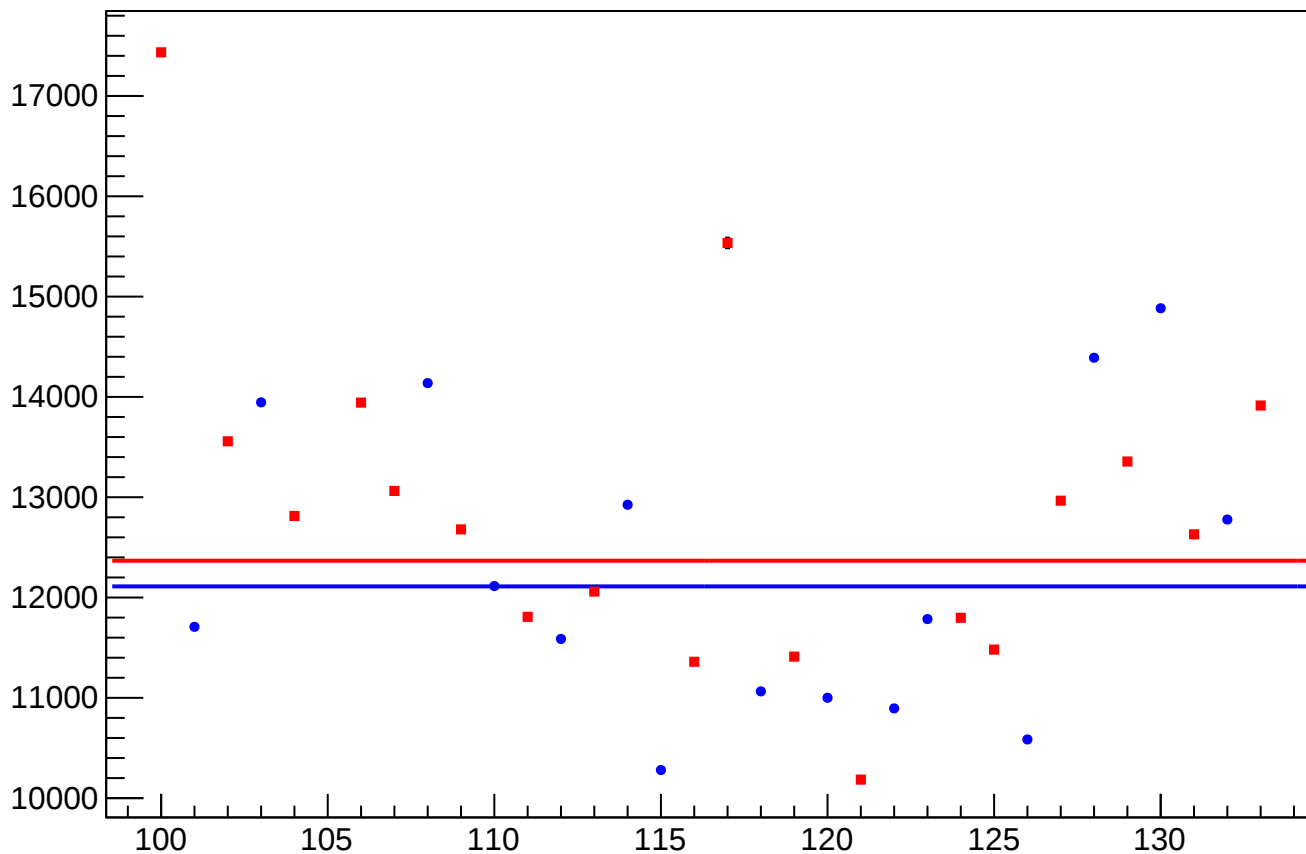
Right Out: 10.105 ± 4.884 χ^2/NDF : 13.1/17

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

0.373 ± 5.134 χ^2/NDF : 18.9/14

10.105 ± 4.884 χ^2/NDF : 13.1/17

diff_bpm16X_rms vs Slug



Right In: 12110.977 $\pm$ 3.630 χ^2 /NDF: 150395.2/14

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

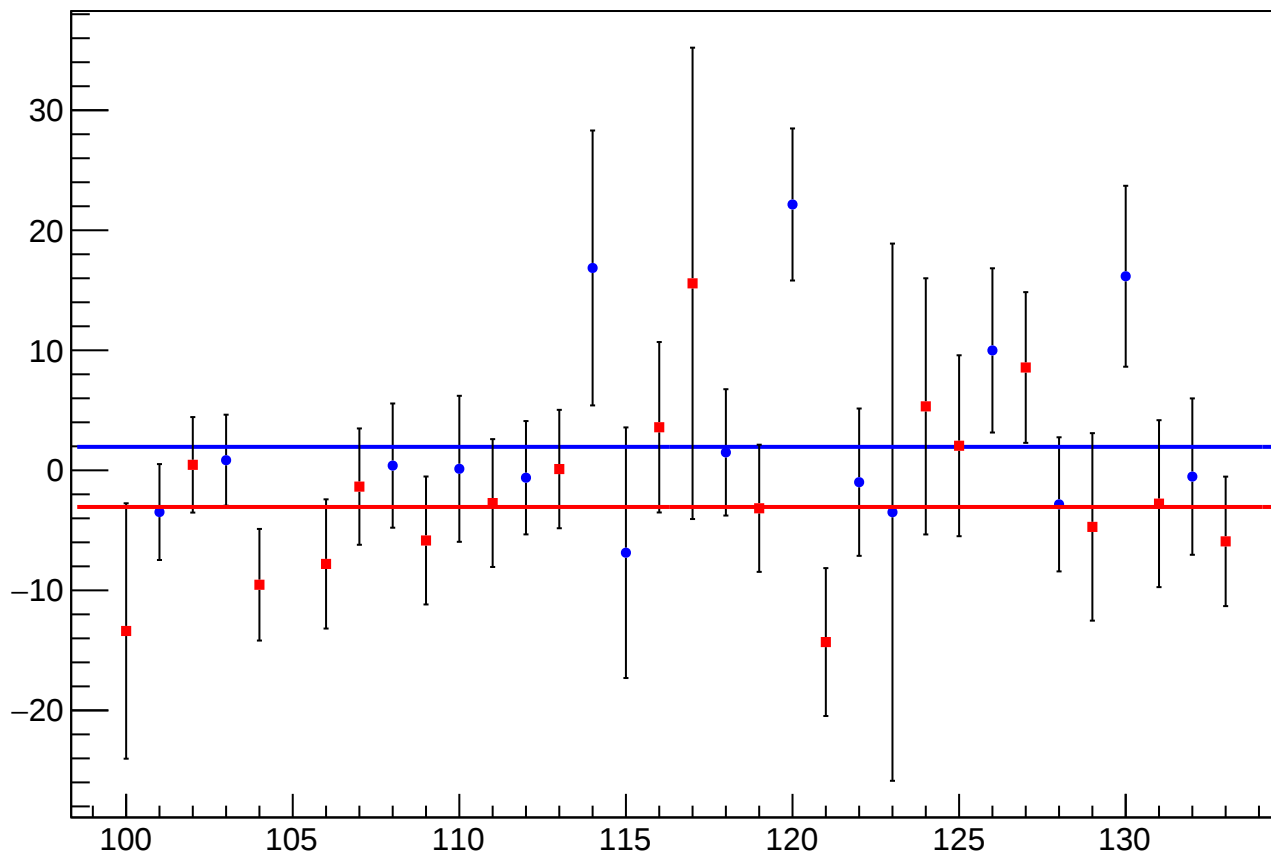
Right Out: 12367.017 $\pm$ 3.454 χ^2 /NDF: 106137.8/17

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

12110.977 $\pm$ 3.630 χ^2 /NDF: 150395.2/14

12367.017 $\pm$ 3.454 χ^2 /NDF: 106137.8/17

diff_bpm16Y_mean vs Slug



Right In: 1.955+/-1.503 χ^2/NDF : 21.1/14

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

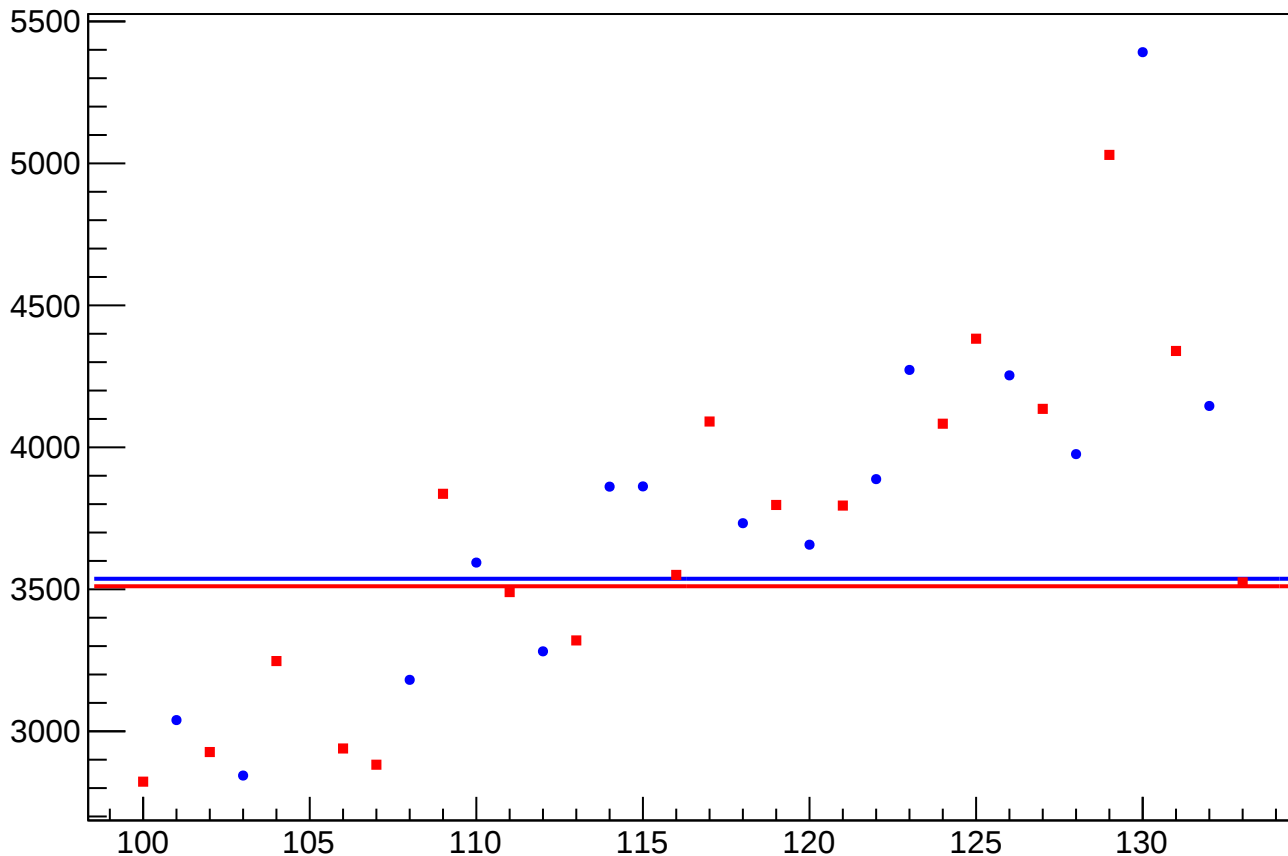
Right Out: -3.052+/-1.394 χ^2/NDF : 15.2/17

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

1.955+/-1.503 χ^2/NDF : 21.1/14

-3.052+/-1.394 χ^2/NDF : 15.2/17

diff_bpm16Y_rms vs Slug



Right In: 3537.175+/-1.063 χ^2/NDF : 301950.3/14

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

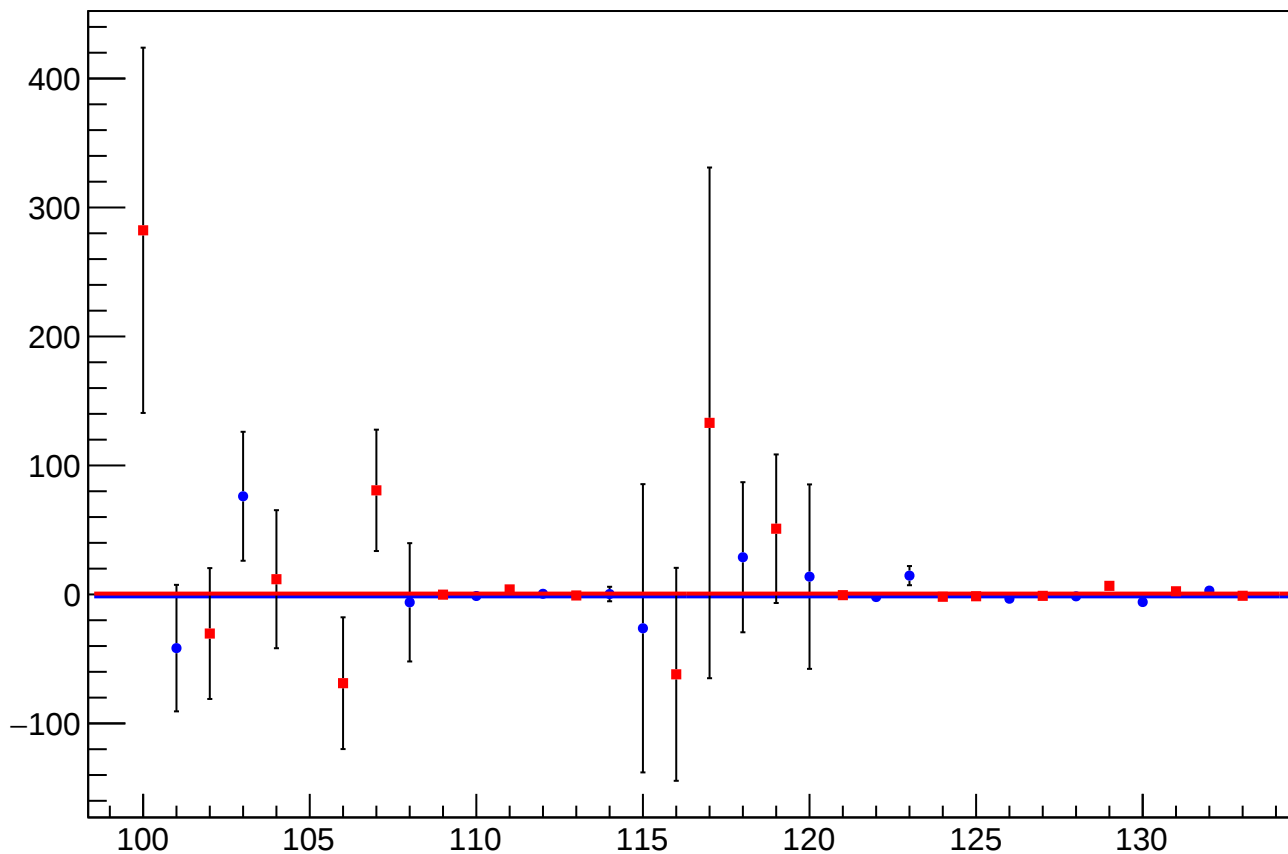
Right Out: 3510.780+/-0.986 χ^2/NDF : 292805.8/17

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

3537.175+/-1.063 χ^2/NDF : 301950.3/14

3510.780+/-0.986 χ^2/NDF : 292805.8/17

diff_bpm1p02bX_mean vs Slug



Right In: -1.495+/-0.908 χ^2 /NDF: 15.7/14

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

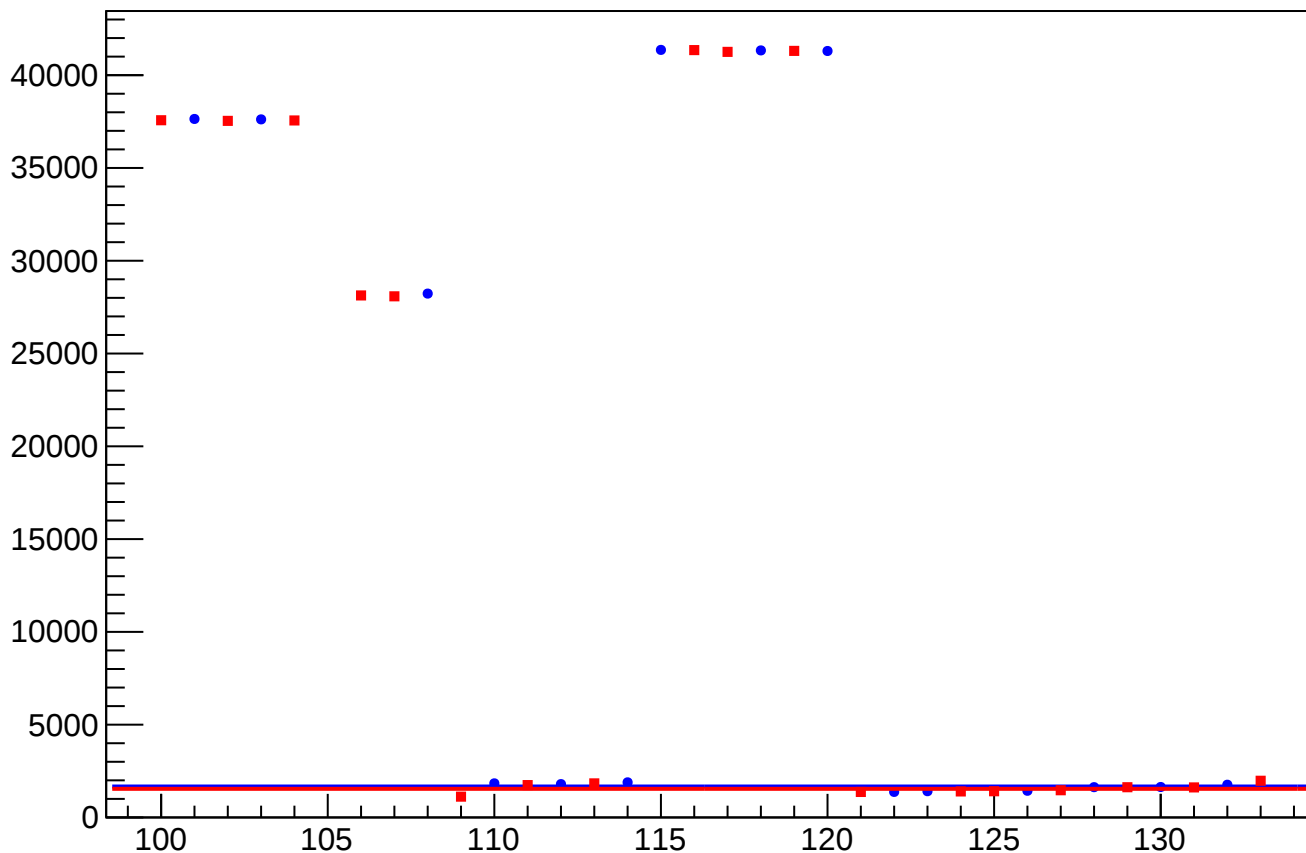
Right Out: 0.654+/-0.793 χ^2 /NDF: 21.2/17

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

-1.495+/-0.908 χ^2 /NDF: 15.7/14

0.654+/-0.793 χ^2 /NDF: 21.2/17

diff_bpm1p02bX_rms vs Slug



Right In: 1667.538 $\pm$ 0.642 χ^2 /NDF: 4652729.7/14

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

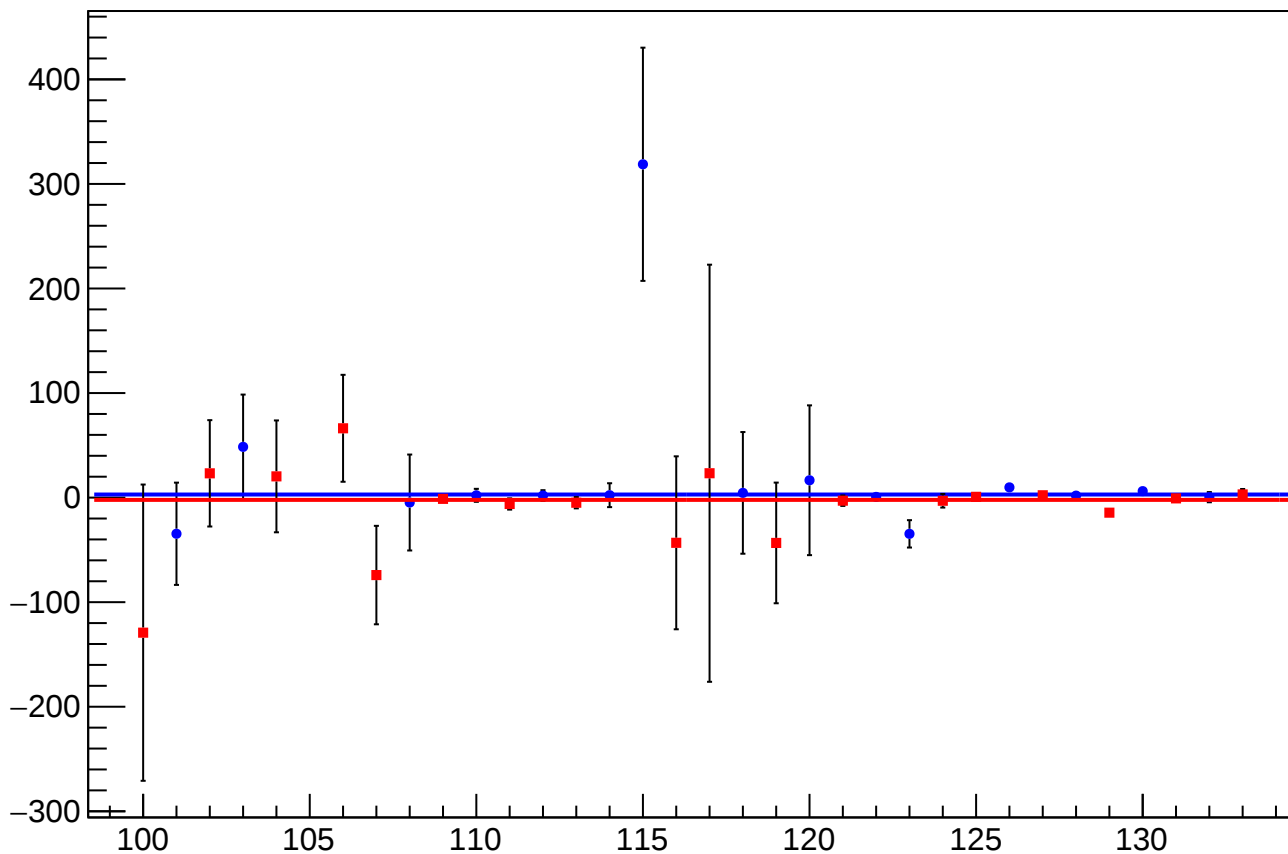
Right Out: 1542.949 $\pm$ 0.561 χ^2 /NDF: 4936068.3/17

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

1667.538 $\pm$ 0.642 χ^2 /NDF: 4652729.7/14

1542.949 $\pm$ 0.561 χ^2 /NDF: 4936068.3/17

diff_bpm1p02bY_mean vs Slug



Right In: 2.952+/-1.649 χ^2/NDF : 21.8/14

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

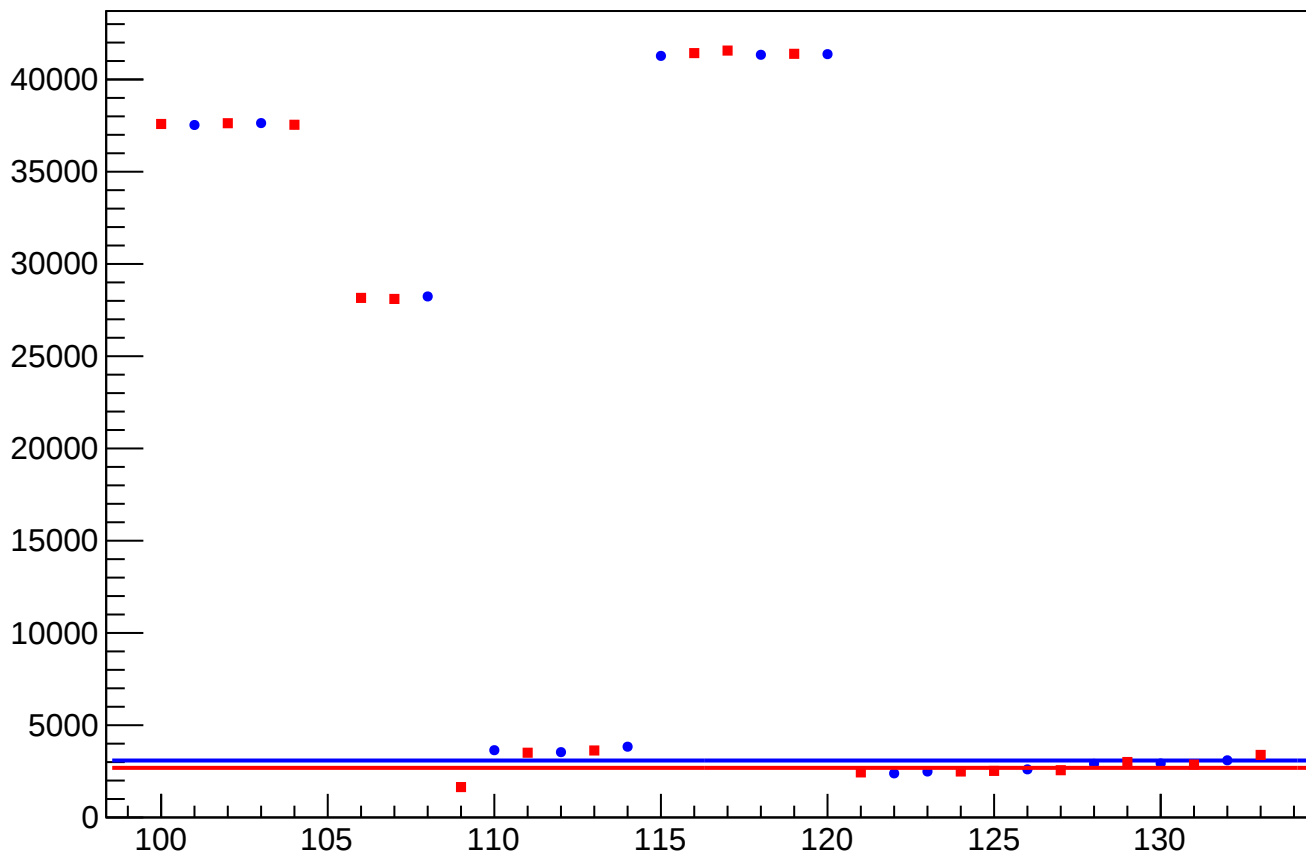
Right Out: -2.176+/-1.385 χ^2/NDF : 16.7/17

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

2.952+/-1.649 χ^2/NDF : 21.8/14

-2.176+/-1.385 χ^2/NDF : 16.7/17

diff_bpm1p02bY_rms vs Slug



Right In: 3086.375+/-1.166 χ^2/NDF : 4364189.1/14

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

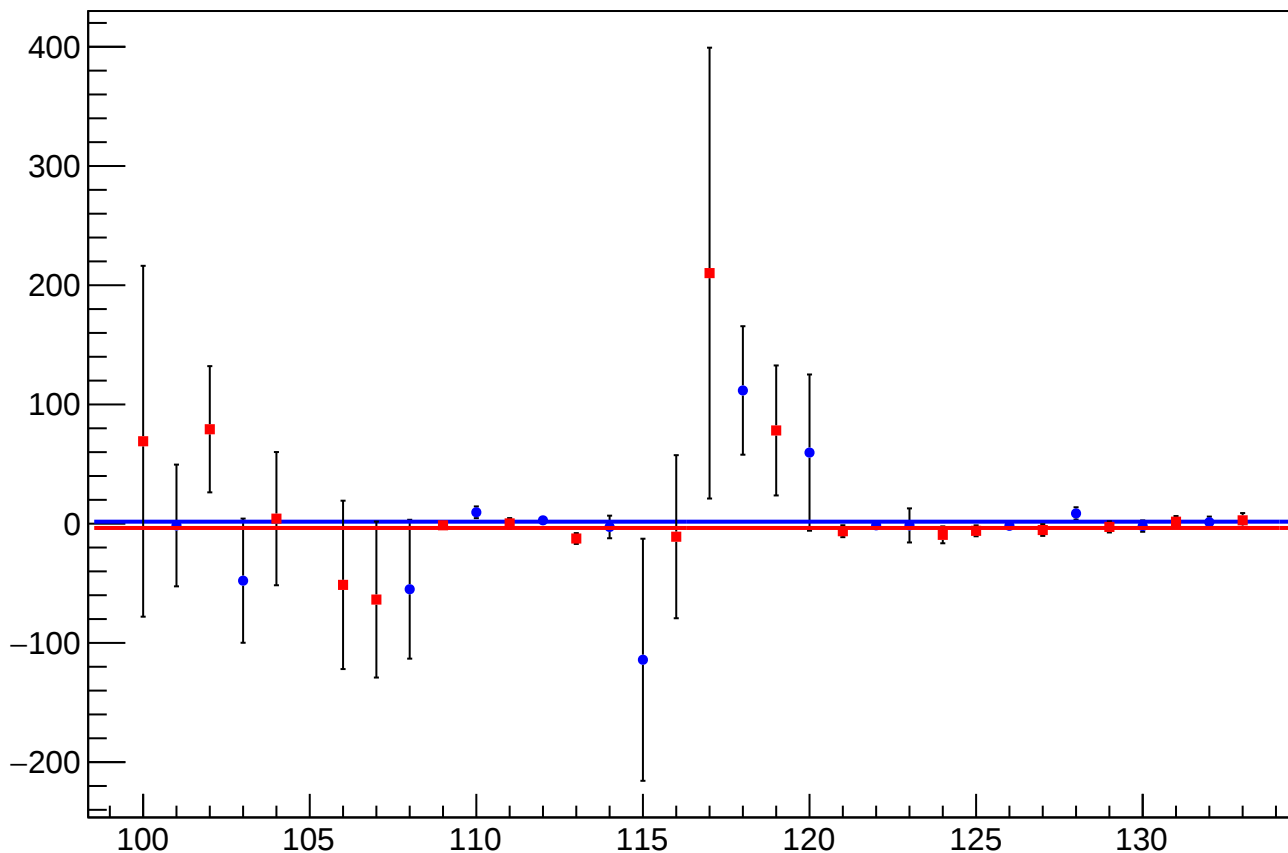
Right Out: 2688.241+/-0.979 χ^2/NDF : 4876776.5/17

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

3086.375+/-1.166 χ^2/NDF : 4364189.1/14

2688.241+/-0.979 χ^2/NDF : 4876776.5/17

diff_bpm1p03aX_mean vs Slug



Right In: 1.685+/-1.653 χ^2/NDF : 14.7/14

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

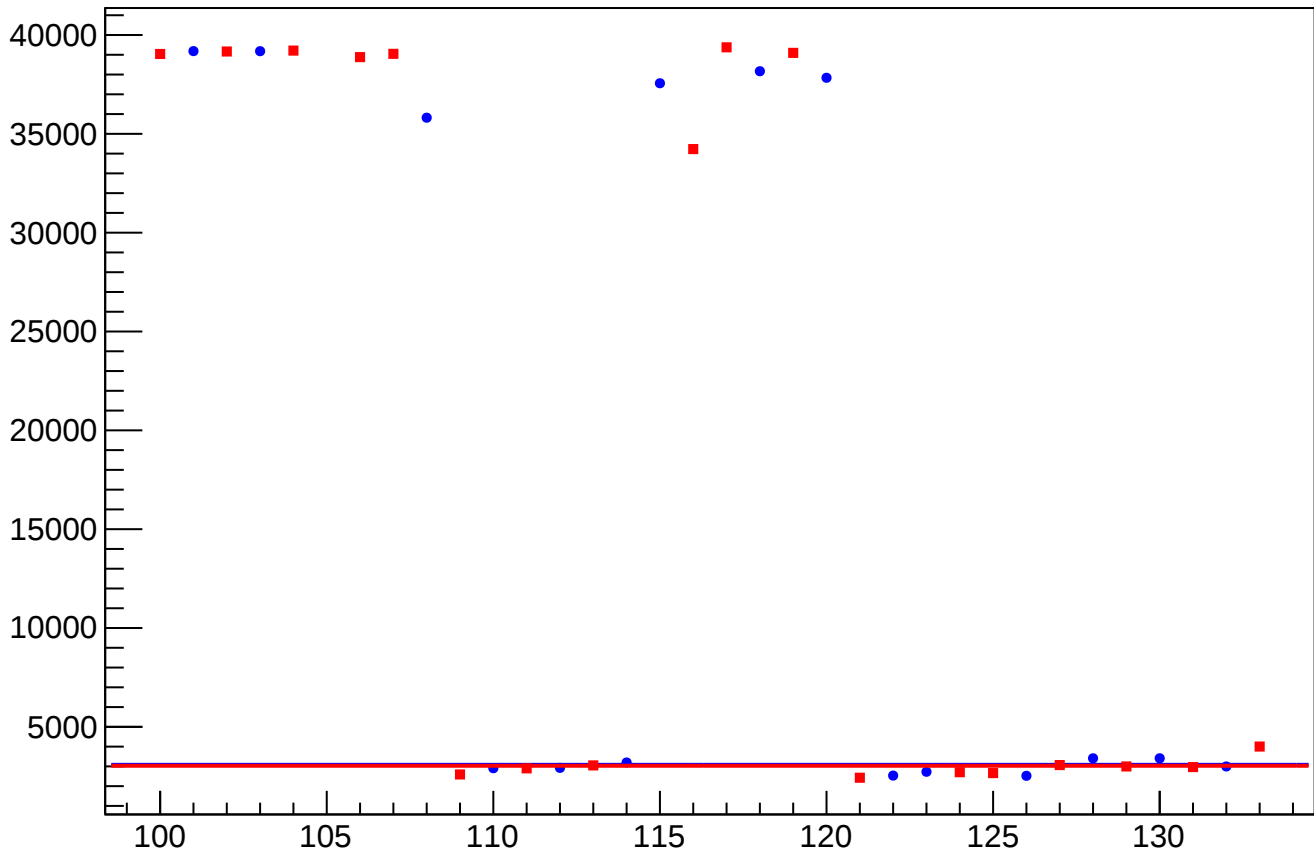
Right Out: -3.593+/-1.512 χ^2/NDF : 16.2/17

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

1.685+/-1.653 χ^2/NDF : 14.7/14

-3.593+/-1.512 χ^2/NDF : 16.2/17

diff_bpm1p03aX_rms vs Slug



Right In: 3077.683+/-1.169 χ^2/NDF : 4335162.0/14

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

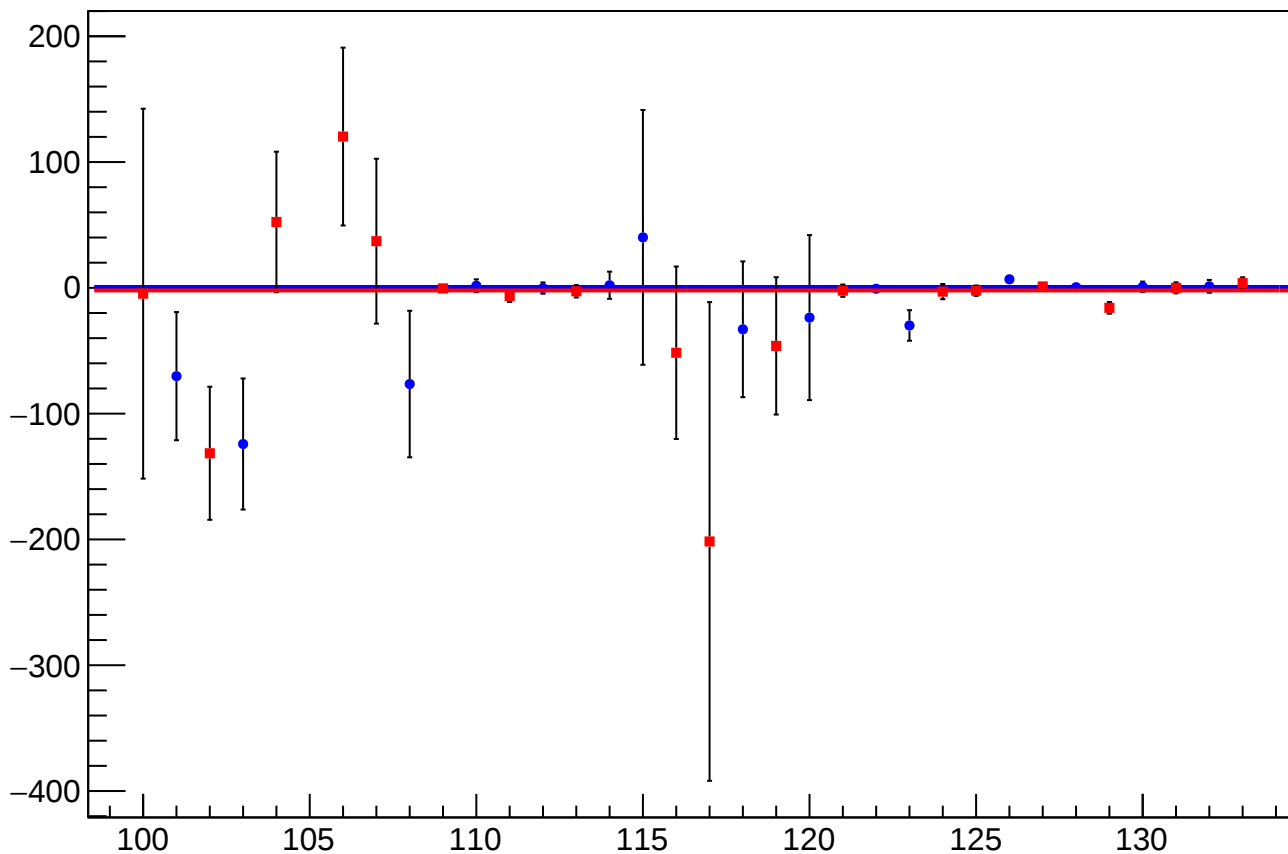
Right Out: 3031.545+/-1.069 χ^2/NDF : 4504404.5/17

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

3077.683+/-1.169 χ^2/NDF : 4335162.0/14

3031.545+/-1.069 χ^2/NDF : 4504404.5/17

diff_bpm1p03aY_mean vs Slug



Right In: 0.688+/-1.556 χ^2/NDF : 19.2/14

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

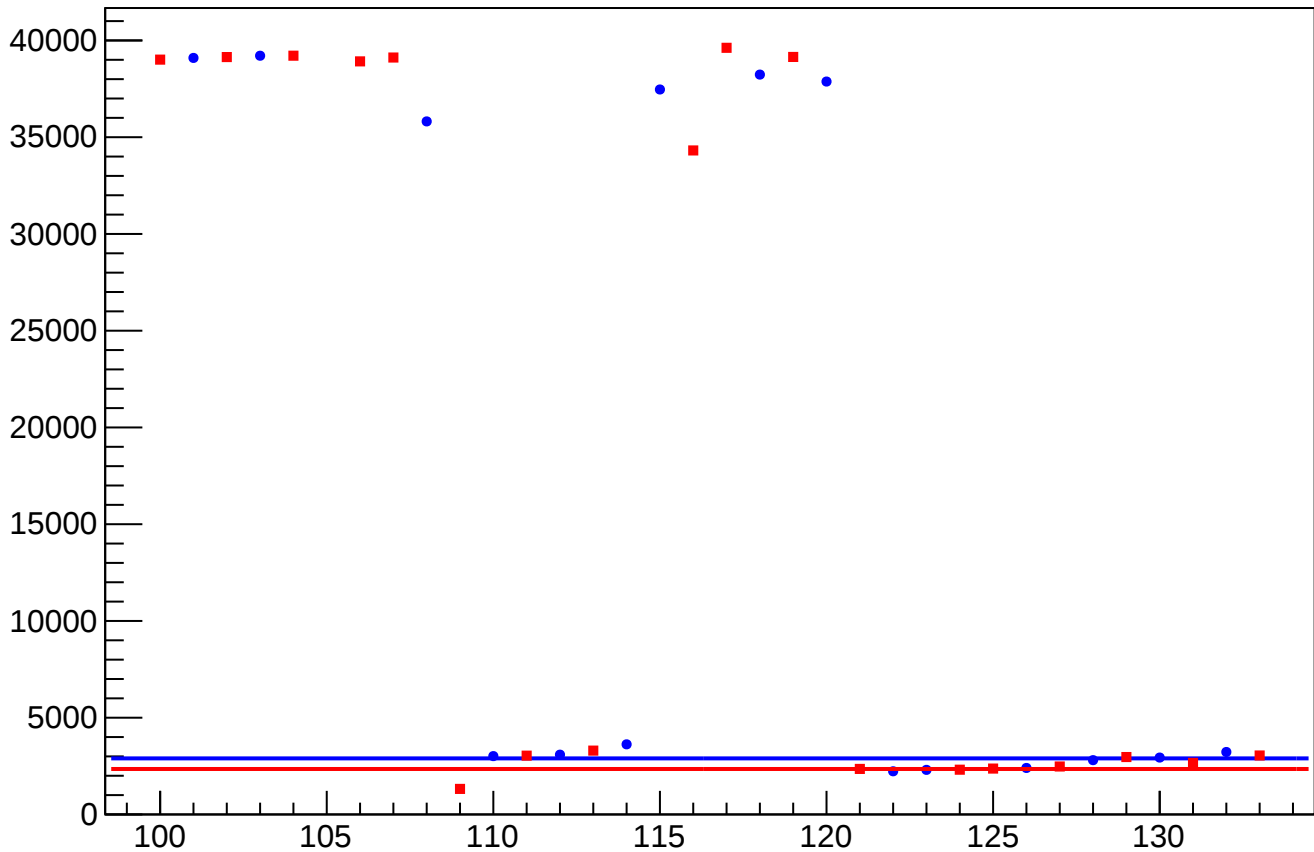
Right Out: -2.062+/-1.245 χ^2/NDF : 25.5/17

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

0.688+/-1.556 χ^2/NDF : 19.2/14

-2.062+/-1.245 χ^2/NDF : 25.5/17

diff_bpm1p03aY_rms vs Slug



Right In: 2897.608+/-1.100 χ^2/NDF : 4411345.4/14

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

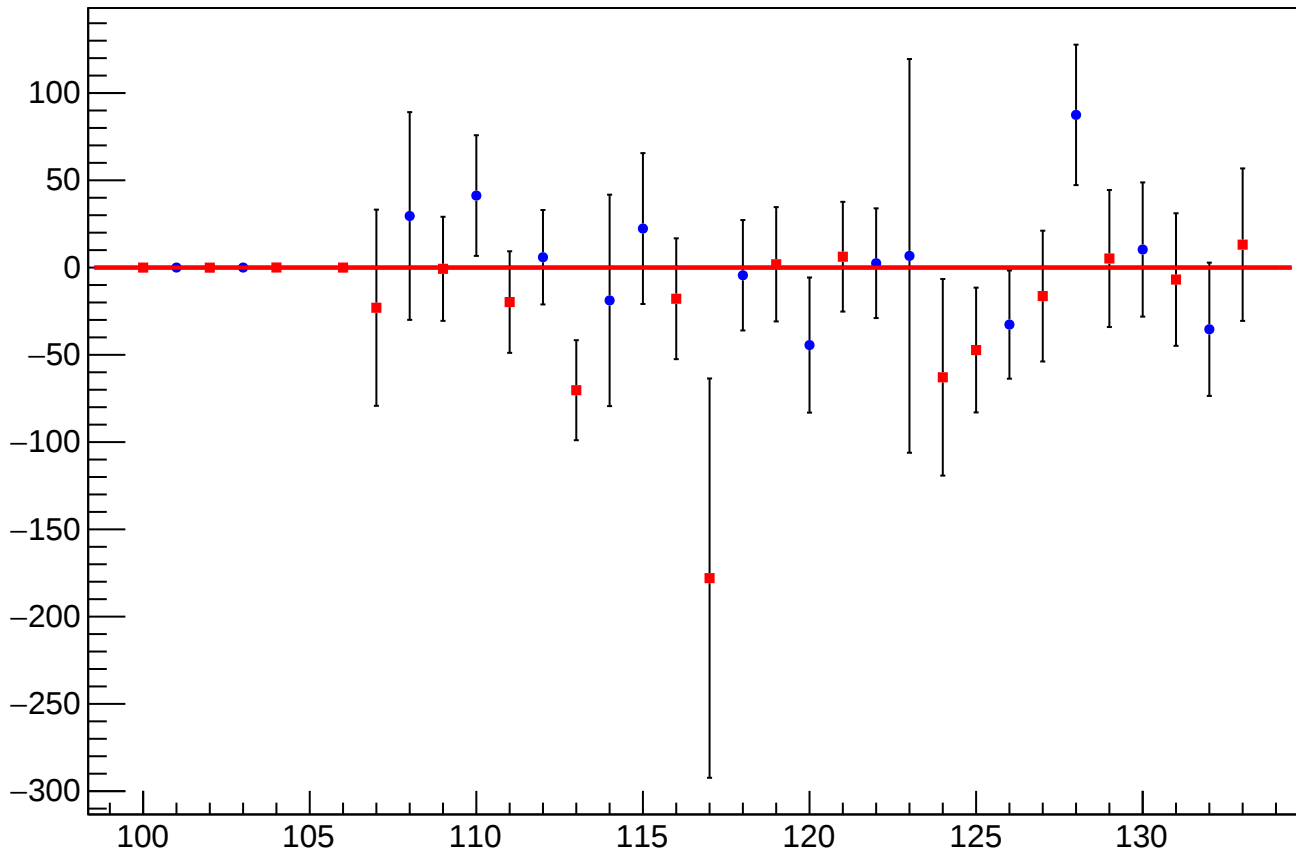
Right Out: 2349.911+/-0.880 χ^2/NDF : 5209729.0/17

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

2897.608+/-1.100 χ^2/NDF : 4411345.4/14

2349.911+/-0.880 χ^2/NDF : 5209729.0/17

diff_cav4bX_mean vs Slug



Right In: 0.013+/-0.017 χ^2/NDF : 10.3/14

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

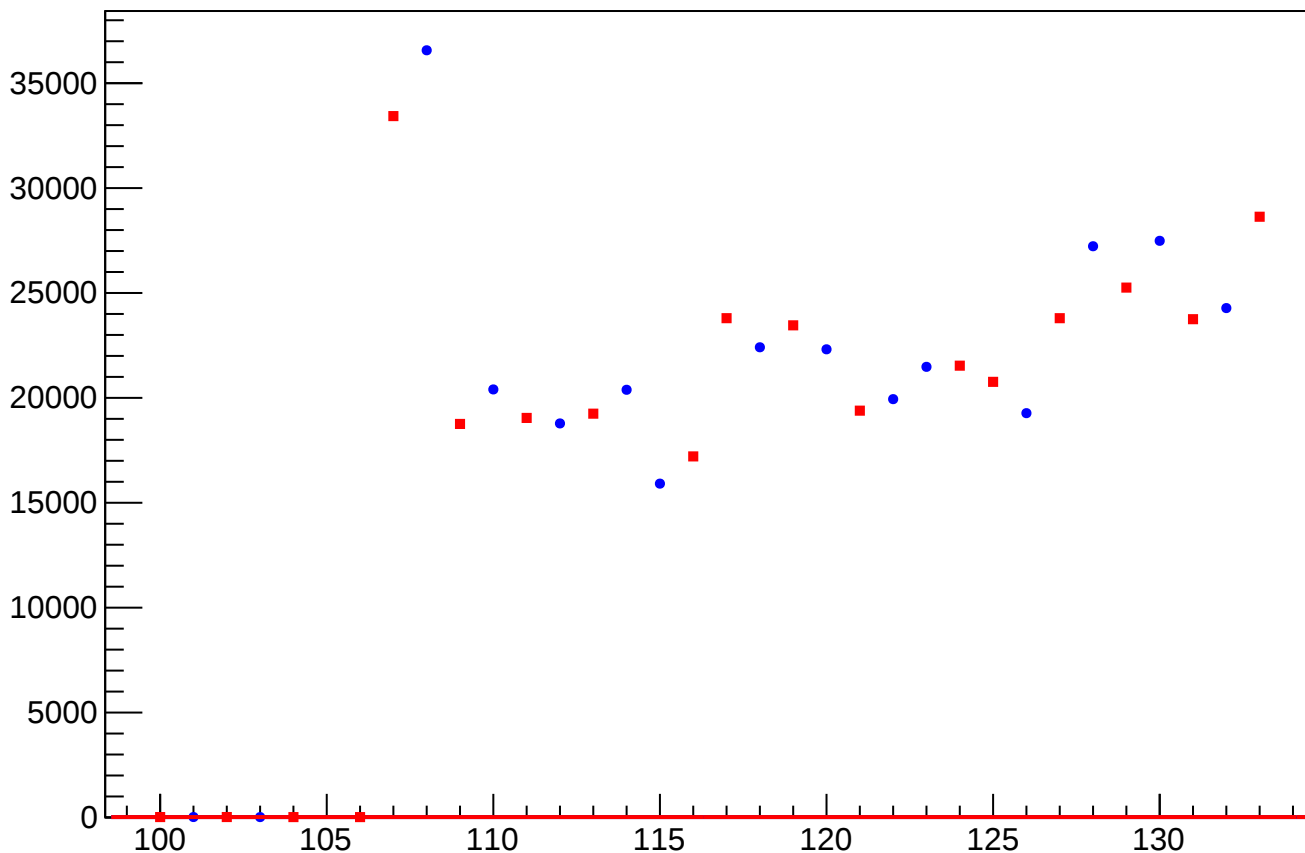
Right Out: 0.003+/-0.016 χ^2/NDF : 17.5/17

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

0.013+/-0.017 χ^2/NDF : 10.3/14

0.003+/-0.016 χ^2/NDF : 17.5/17

diff_cav4bX_rms vs Slug



Right In: 18.620+/-0.012 χ^2/NDF : 8975075.5/14

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

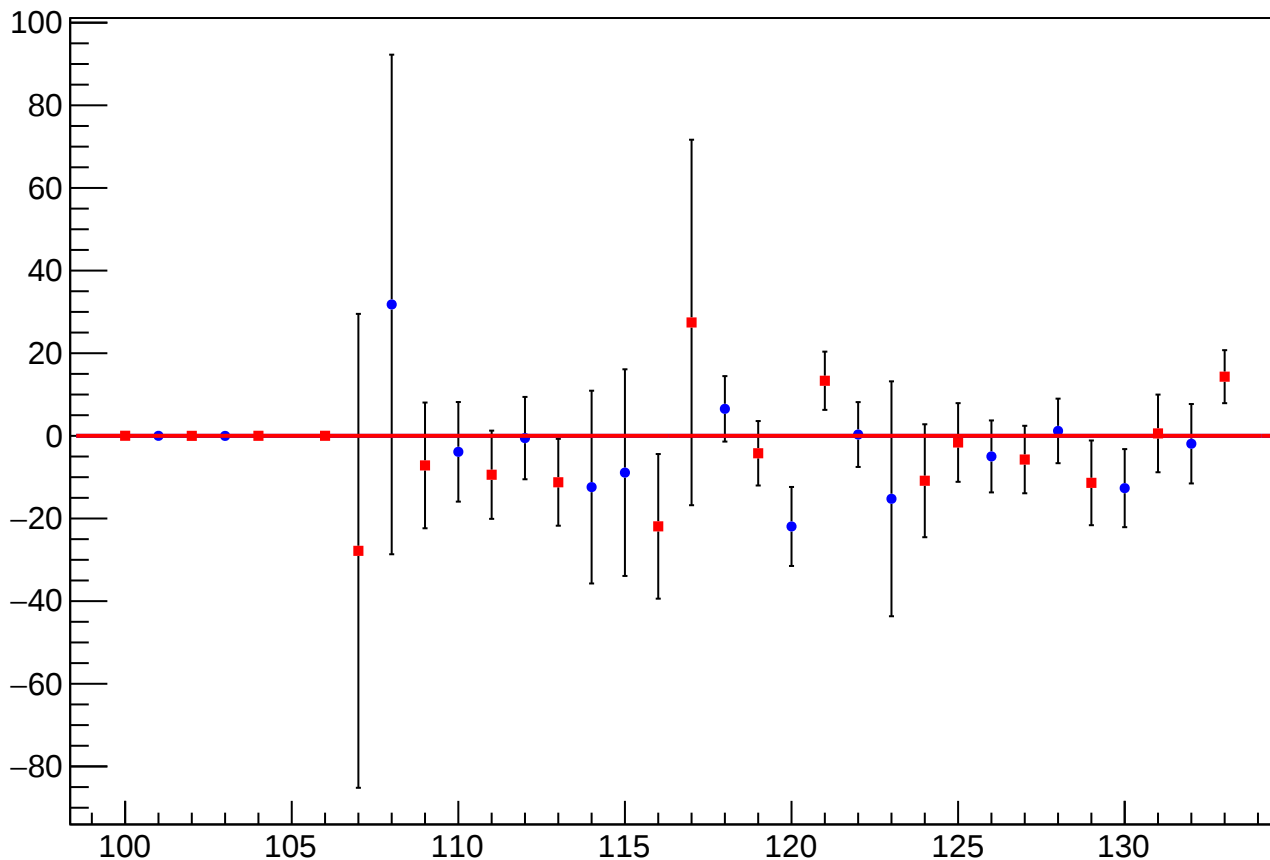
Right Out: 18.299+/-0.011 χ^2/NDF : 9864855.0/17

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

18.620+/-0.012 χ^2/NDF : 8975075.5/14

18.299+/-0.011 χ^2/NDF : 9864855.0/17

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 10.3/14

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

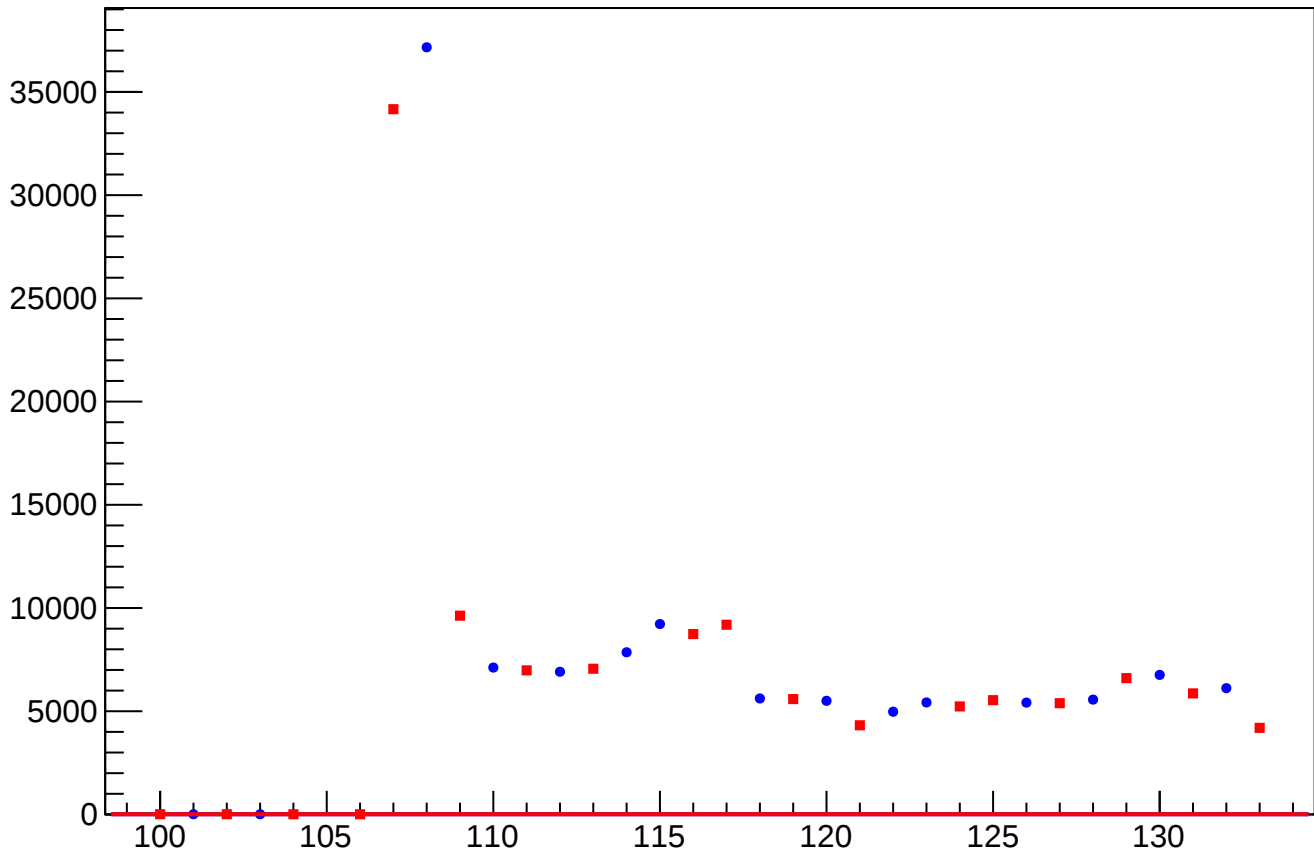
Right Out: 0.014+/-0.009 χ^2/NDF : 16.3/17

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

0.001+/-0.009 χ^2/NDF : 10.3/14

0.014+/-0.009 χ^2/NDF : 16.3/17

diff_cav4bY_rms vs Slug



Right In: 9.914+/-0.007 χ^2/NDF : 9066655.4/14

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

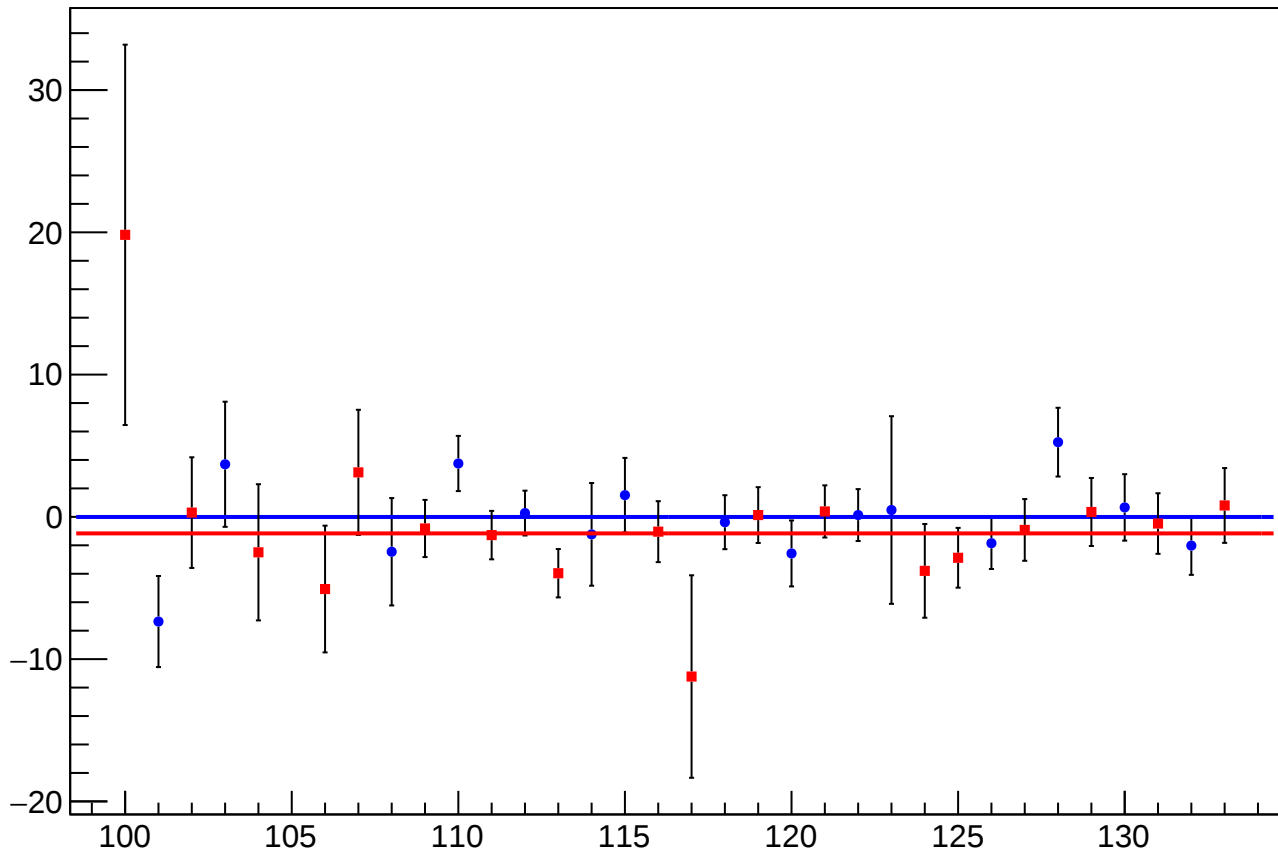
Right Out: 9.840+/-0.006 χ^2/NDF : 9918679.1/17

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

9.914+/-0.007 χ^2/NDF : 9066655.4/14

9.840+/-0.006 χ^2/NDF : 9918679.1/17

diff_cav4cX_mean vs Slug



Right In: -0.008+/-0.598 χ^2/NDF : 18.7/14

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

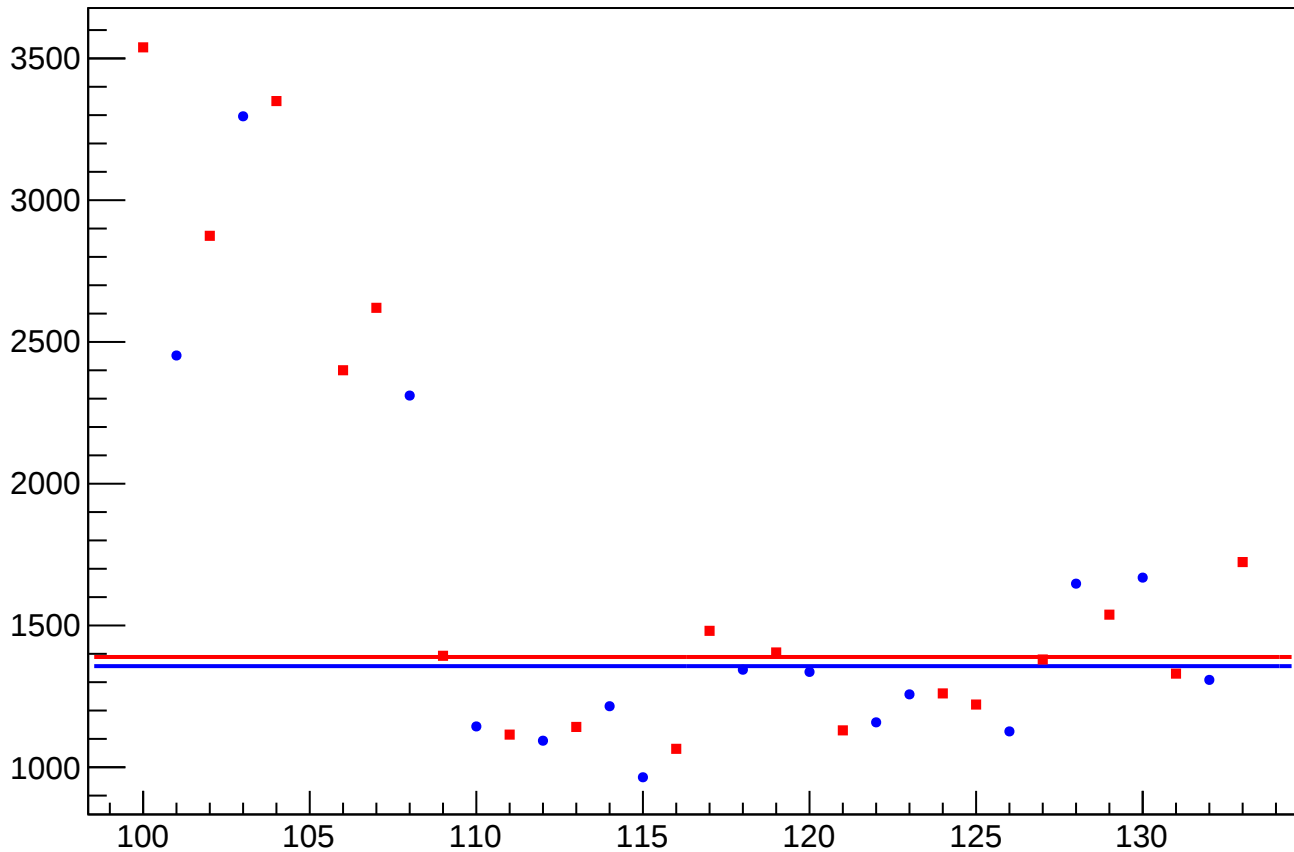
Right Out: -1.163+/-0.575 χ^2/NDF : 12.7/17

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

-0.008+/-0.598 χ^2/NDF : 18.7/14

-1.163+/-0.575 χ^2/NDF : 12.7/17

diff_cav4cX_rms vs Slug



Right In: 1356.611 $\pm$ 0.423 χ^2 /NDF: 1001024.2/14

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

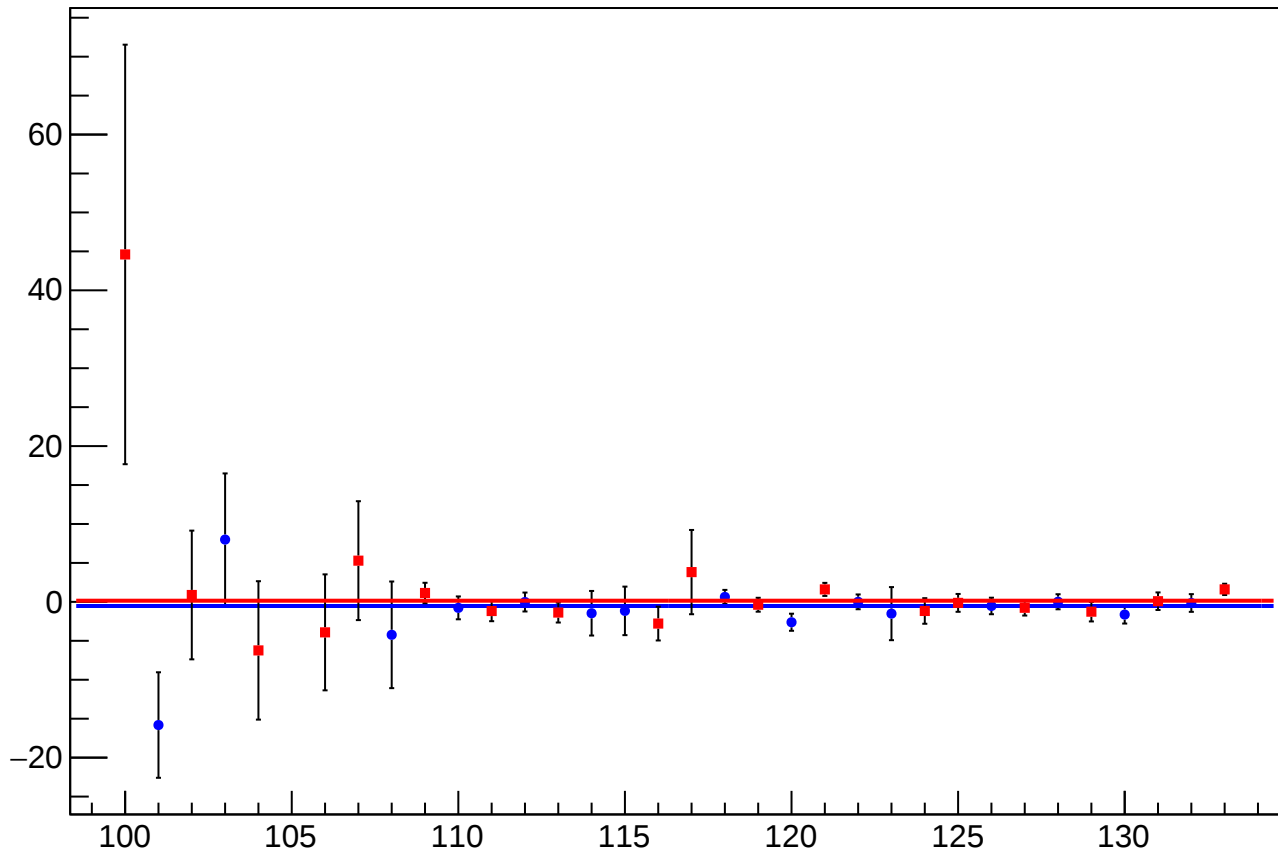
1356.611 $\pm$ 0.423 χ^2 /NDF: 1001024.2/14

Right Out: 1388.873 $\pm$ 0.407 χ^2 /NDF: 1176318.2/17

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

1388.873 $\pm$ 0.407 χ^2 /NDF: 1176318.2/17

diff_cav4cY_mean vs Slug



Right In: -0.530 ± 0.350 χ^2/NDF : 13.8/14

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

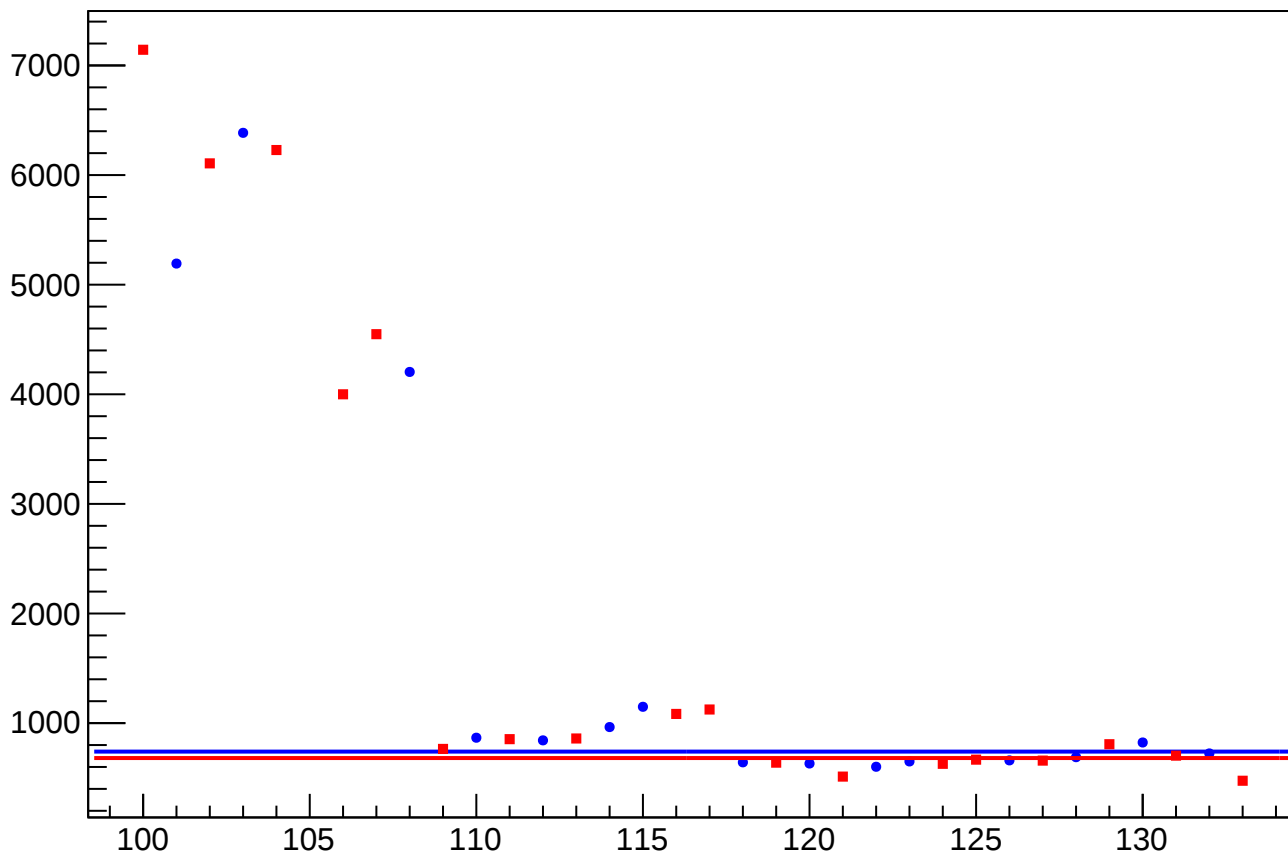
Right Out: 0.149 ± 0.313 χ^2/NDF : 19.5/17

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

-0.530 ± 0.350 χ^2/NDF : 13.8/14

0.149 ± 0.313 χ^2/NDF : 19.5/17

diff_cav4cY_rms vs Slug



Right In: 740.219+/-0.248 χ^2/NDF : 2450052.7/14

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

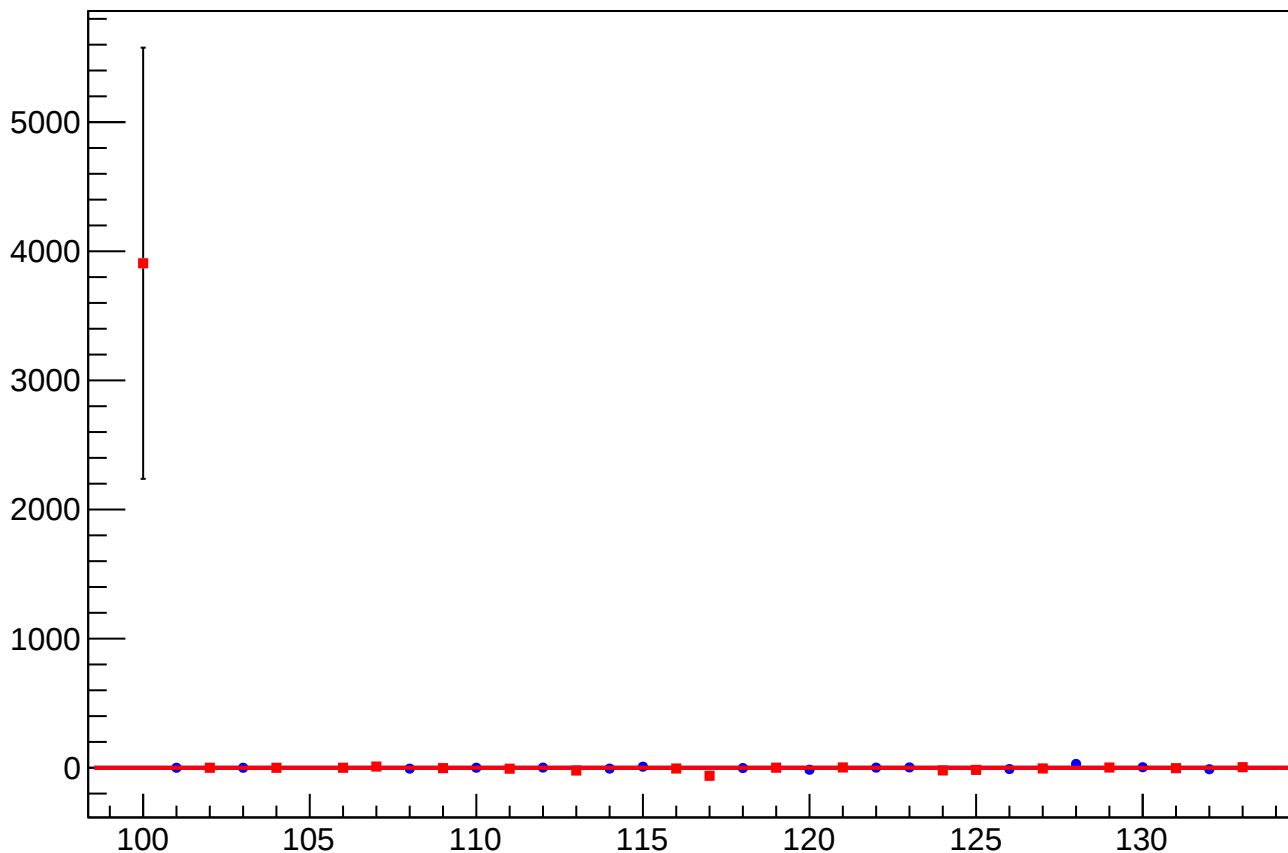
Right Out: 681.356+/-0.221 χ^2/NDF : 3104914.1/17

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

740.219+/-0.248 χ^2/NDF : 2450052.7/14

681.356+/-0.221 χ^2/NDF : 3104914.1/17

diff_cav4dX_mean vs Slug



Right In: -0.021+/-0.021 χ^2 /NDF: 9.6/14

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

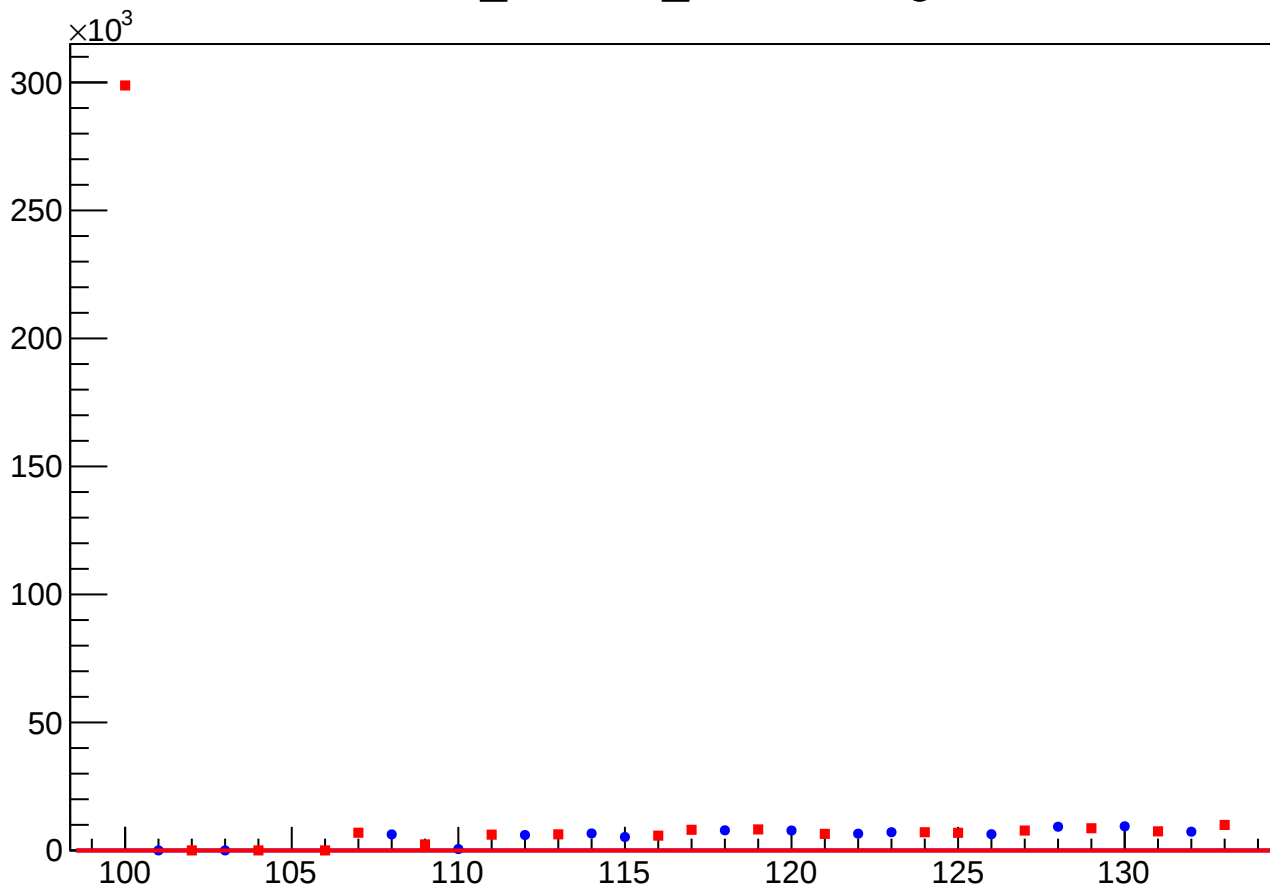
Right Out: -0.027+/-0.020 χ^2 /NDF: 19.6/17

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

-0.021+/-0.021 χ^2 /NDF: 9.6/14

-0.027+/-0.020 χ^2 /NDF: 19.6/17

diff_cav4dX_rms vs Slug



Right In: 17.249+/-0.015 χ^2/NDF : 8500972.0/14

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

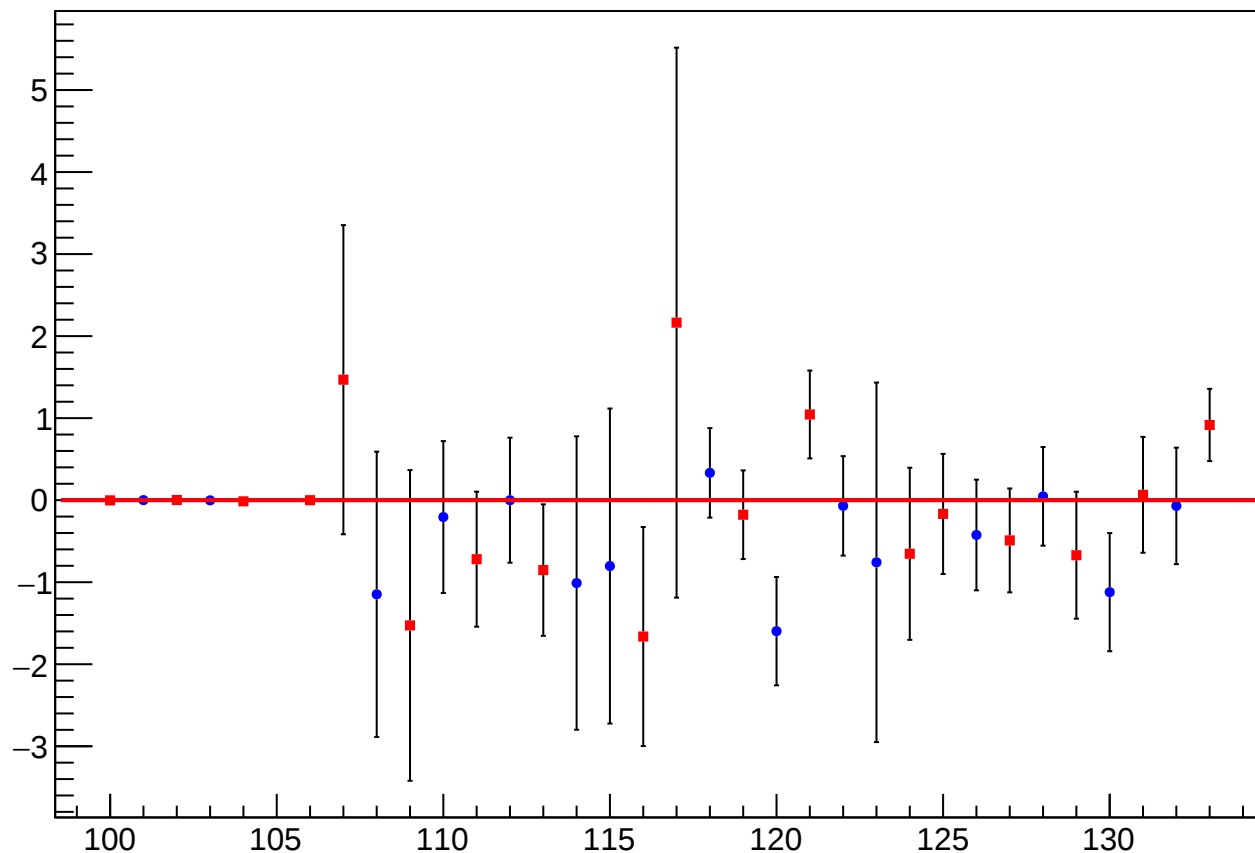
Right Out: 17.216+/-0.014 χ^2/NDF : 9580640.2/17

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

17.249+/-0.015 χ^2/NDF : 8500972.0/14

17.216+/-0.014 χ^2/NDF : 9580640.2/17

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 10.4/14

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

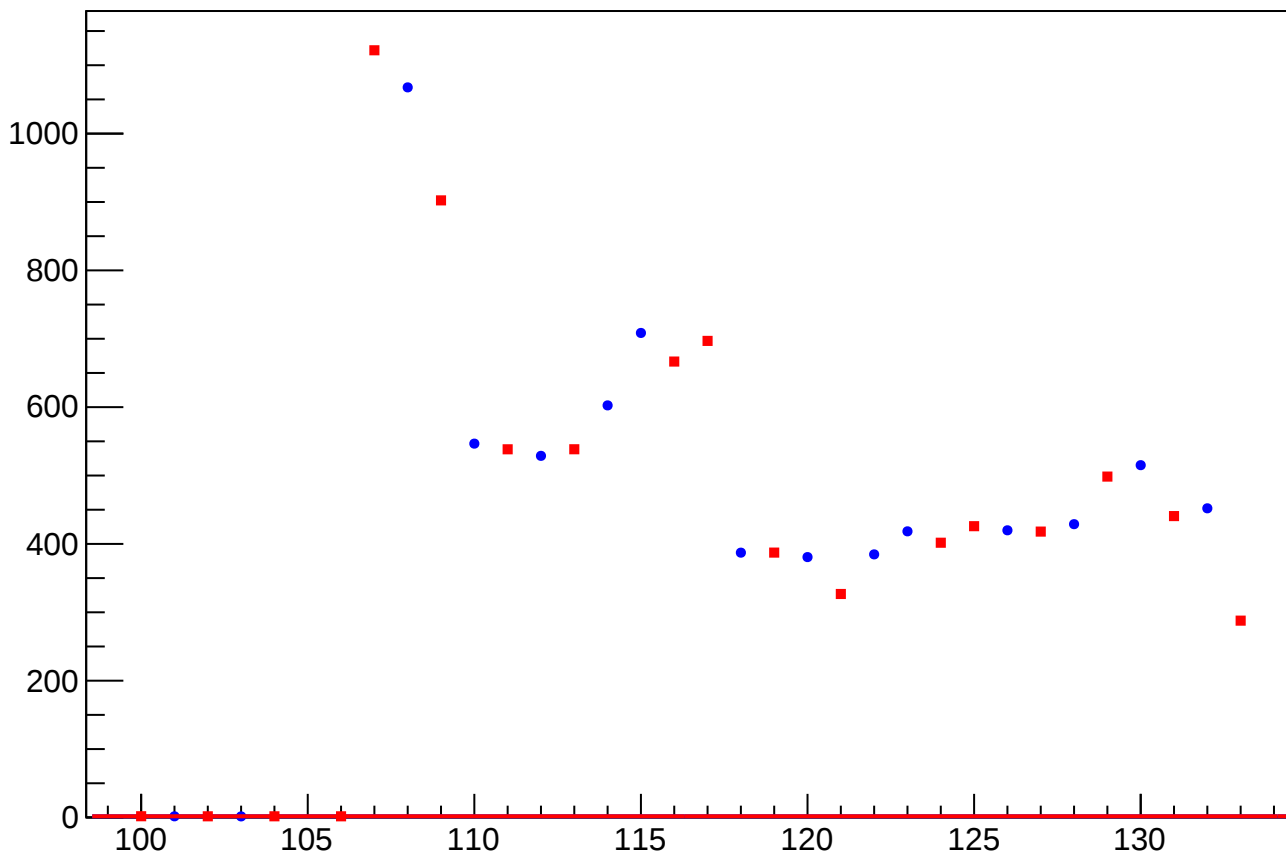
Right Out: 0.001+/-0.002 χ^2/NDF : 16.1/17

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

0.000+/-0.002 χ^2/NDF : 10.4/14

0.001+/-0.002 χ^2/NDF : 16.1/17

diff_cav4dY_rms vs Slug



Right In: 1.684+/-0.001 χ^2/NDF : 9026269.1/14

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

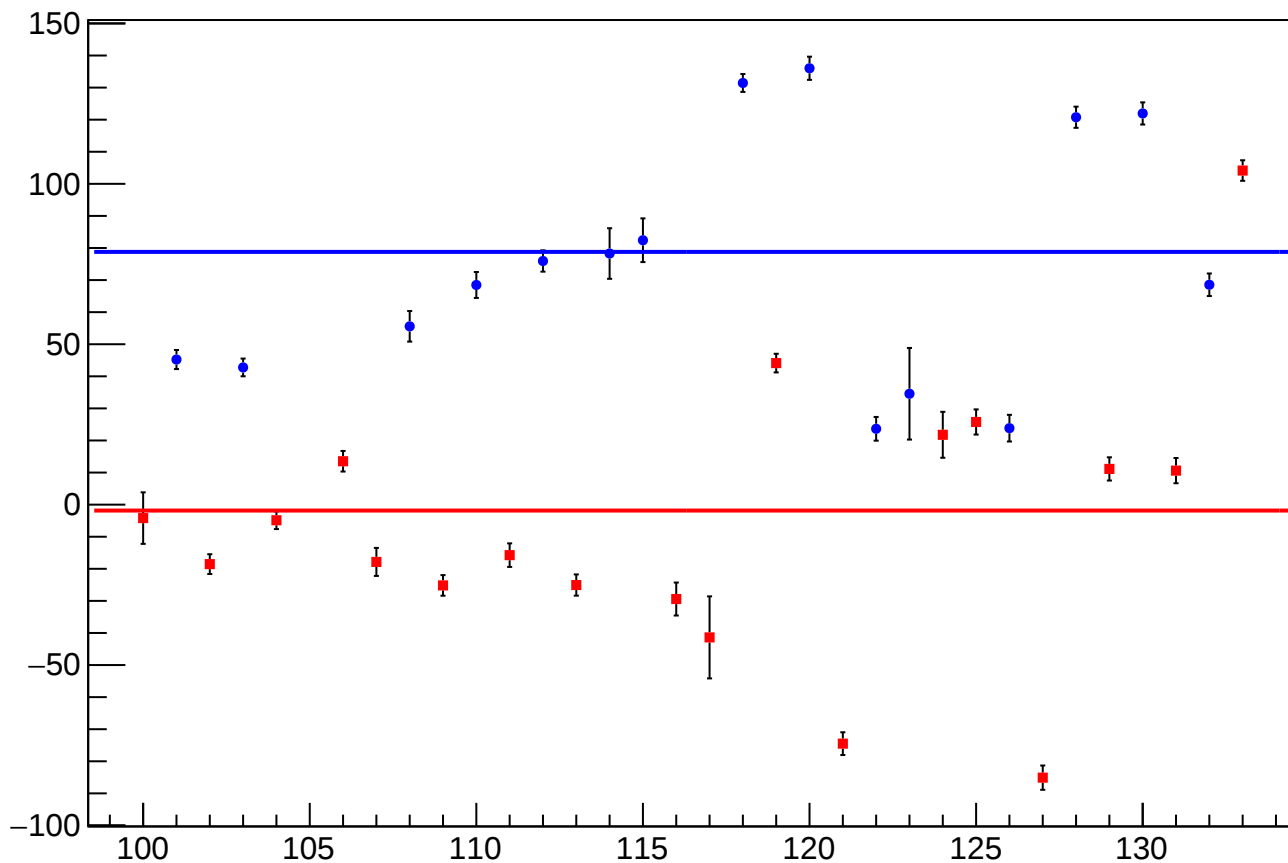
Right Out: 1.719+/-0.001 χ^2/NDF : 9511574.2/17

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

1.684+/-0.001 χ^2/NDF : 9026269.1/14

1.719+/-0.001 χ^2/NDF : 9511574.2/17

diff_bpm0i01X_mean vs Slug



Right In: 78.786+/-0.964 χ^2/NDF : 1668.9/14

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

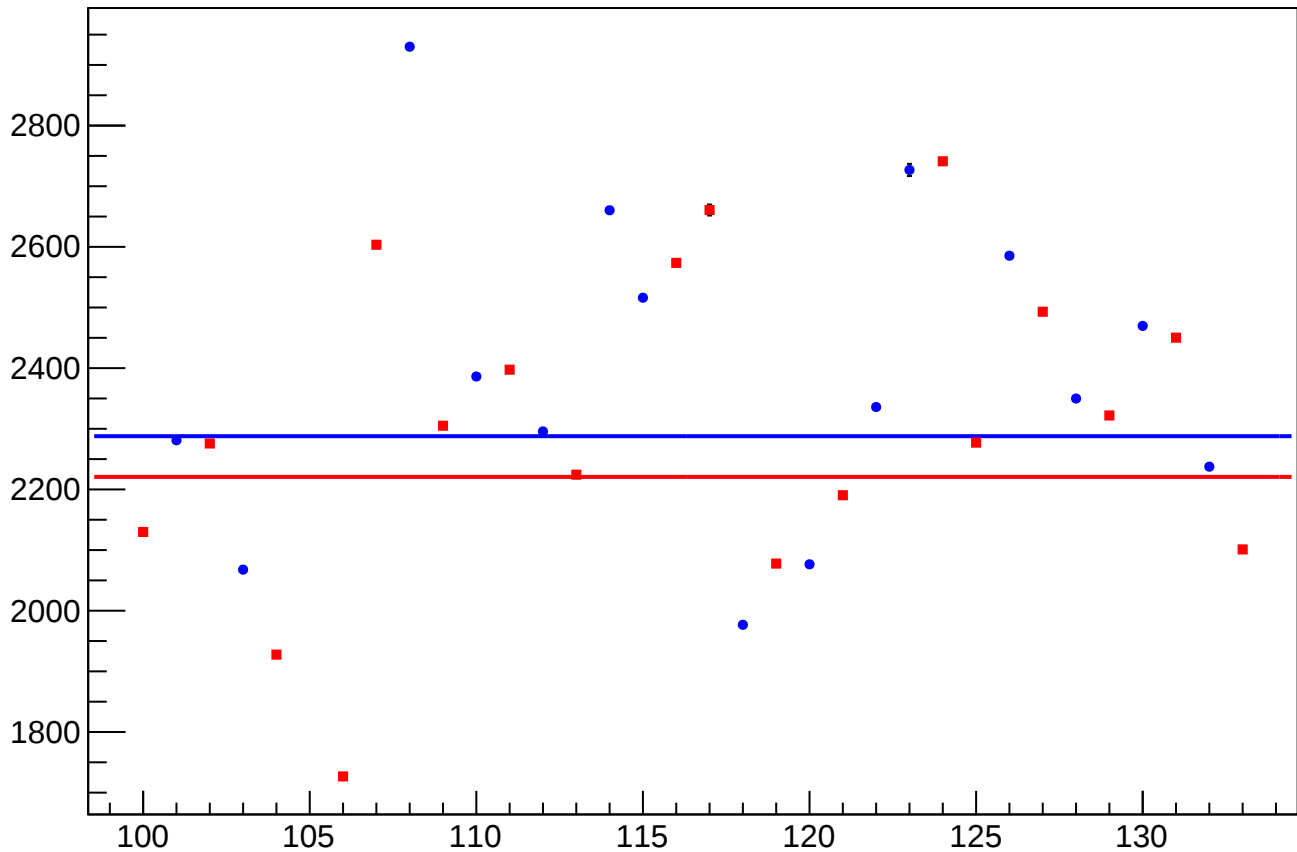
Right Out: -1.844+/-0.877 χ^2/NDF : 2554.4/17

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

78.786+/-0.964 χ^2/NDF : 1668.9/14

-1.844+/-0.877 χ^2/NDF : 2554.4/17

diff_bpm0i01X_rms vs Slug



Right In: 2287.802 $\pm$ 0.682 χ^2 /NDF: 107781.8/14

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

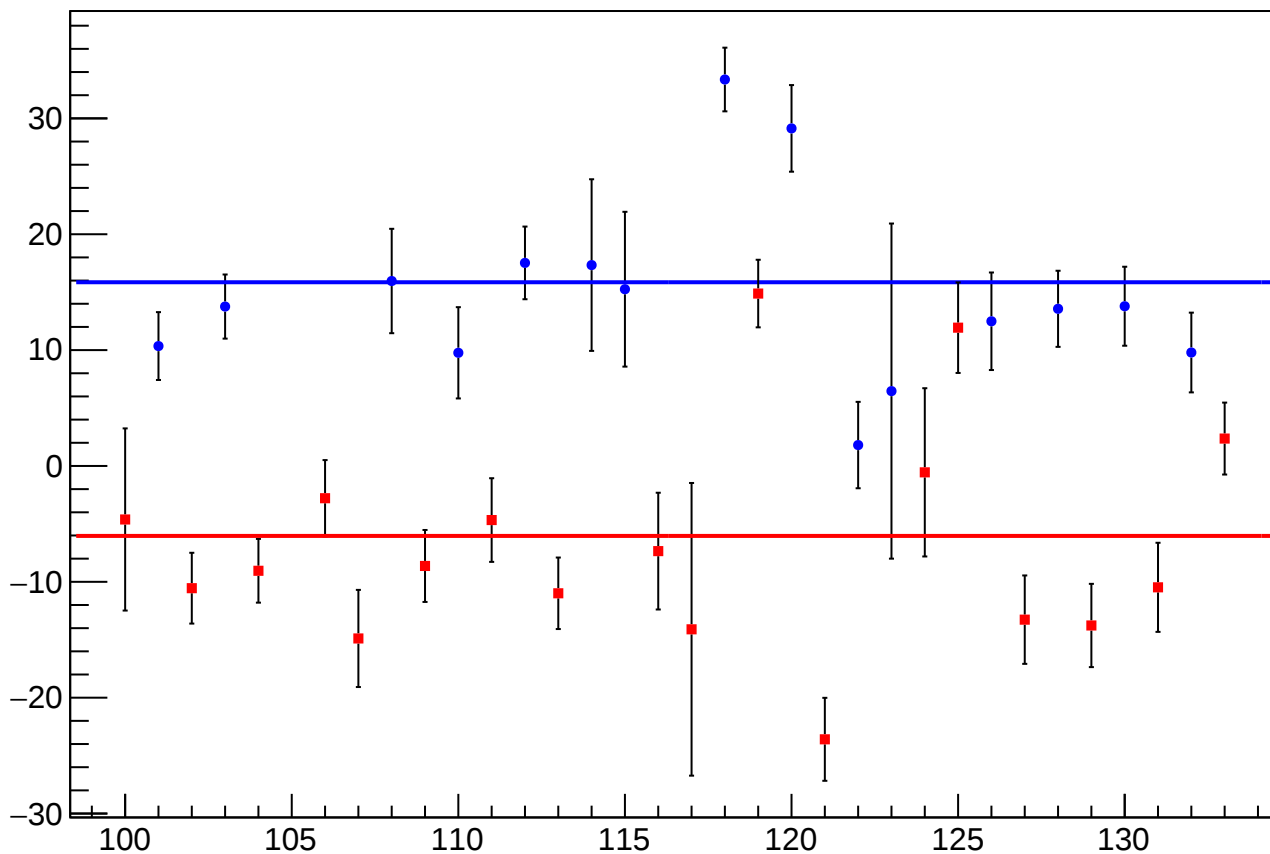
Right Out: 2220.668 $\pm$ 0.620 χ^2 /NDF: 141569.4/17

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

2287.802 $\pm$ 0.682 χ^2 /NDF: 107781.8/14

2220.668 $\pm$ 0.620 χ^2 /NDF: 141569.4/17

diff_bpm0i01Y_mean vs Slug



Right In: 15.856+/-0.952 χ^2/NDF : 79.2/14

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

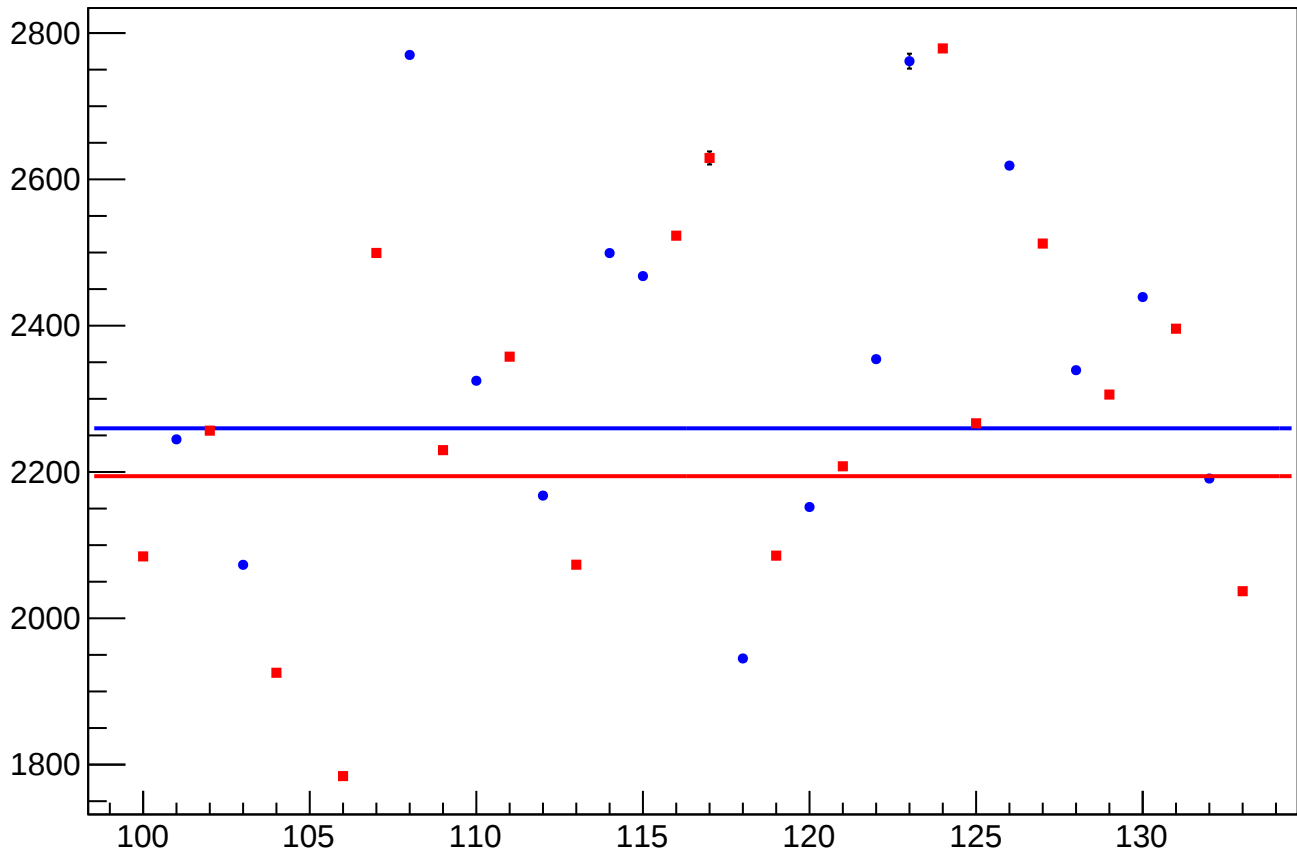
Right Out: -6.038+/-0.866 χ^2/NDF : 126.8/17

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

15.856+/-0.952 χ^2/NDF : 79.2/14

-6.038+/-0.866 χ^2/NDF : 126.8/17

diff_bpm0i01Y_rms vs Slug



Right In: 2259.703 $\pm$ 0.673 χ^2 /NDF: 94752.8/14

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

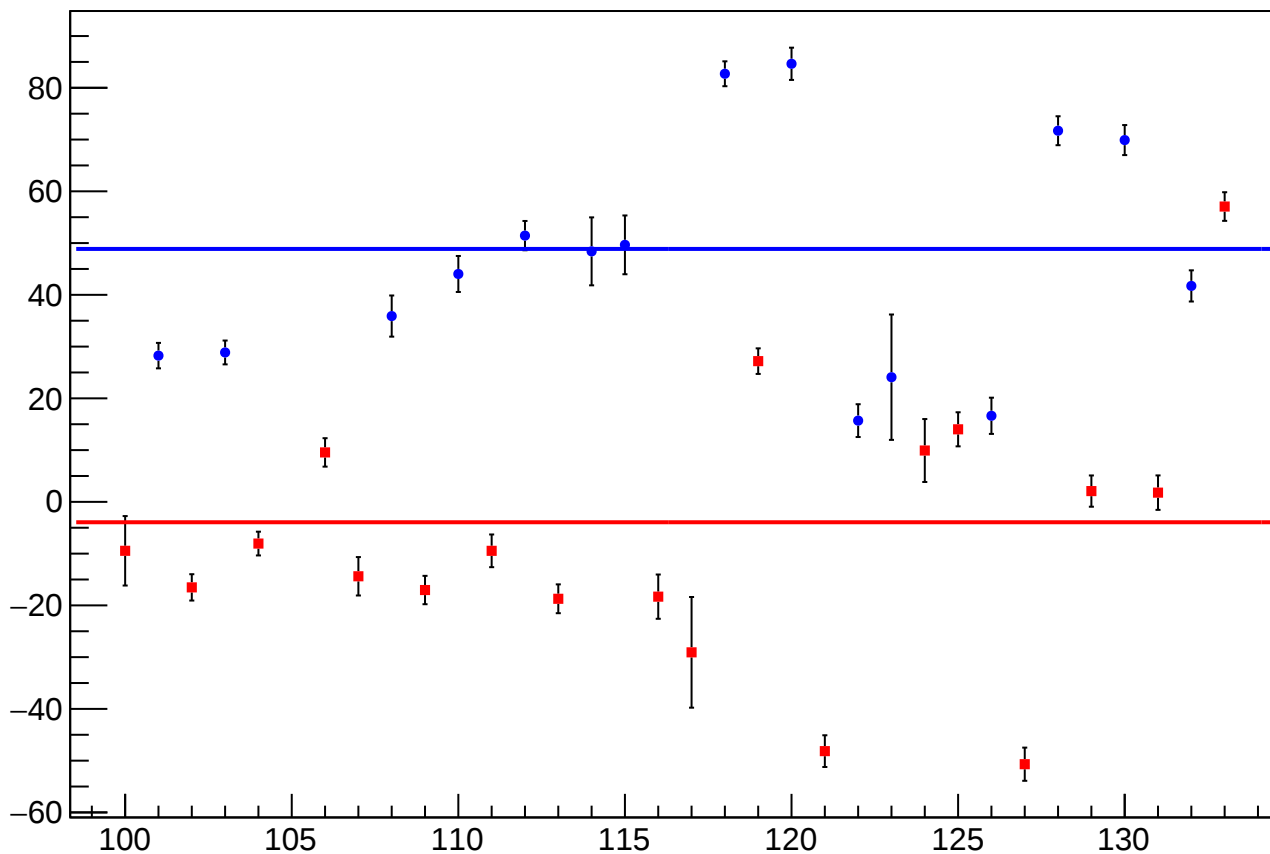
Right Out: 2194.285 $\pm$ 0.612 χ^2 /NDF: 123150.6/17

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

2259.703 $\pm$ 0.673 χ^2 /NDF: 94752.8/14

2194.285 $\pm$ 0.612 χ^2 /NDF: 123150.6/17

diff_bpm0i01aX_mean vs Slug



Right In: 48.869+/-0.816 χ^2/NDF : 812.7/14

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

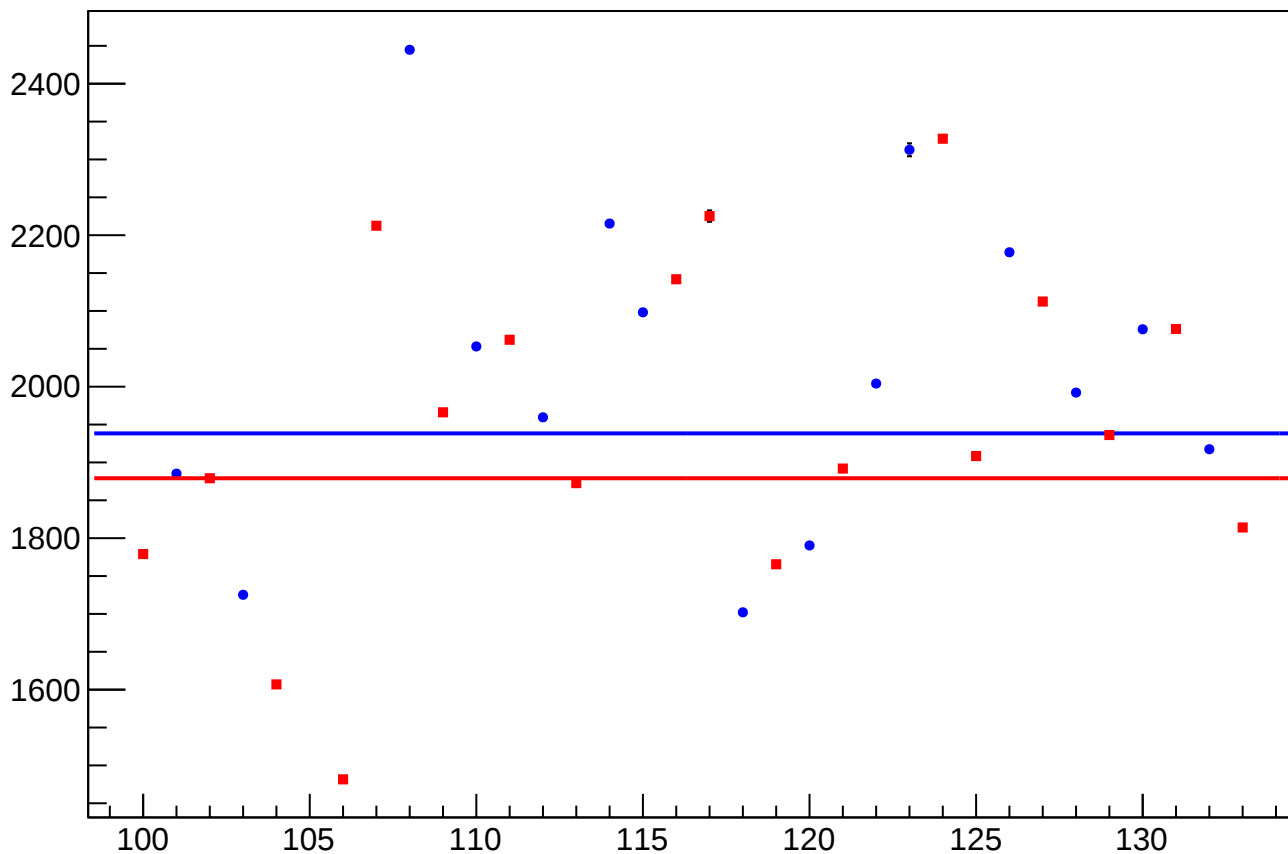
Right Out: -3.939+/-0.742 χ^2/NDF : 1239.1/17

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

48.869+/-0.816 χ^2/NDF : 812.7/14

-3.939+/-0.742 χ^2/NDF : 1239.1/17

diff_bpm0i01aX_rms vs Slug



Right In: 1938.341+/-0.577 χ^2/NDF : 99212.7/14

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

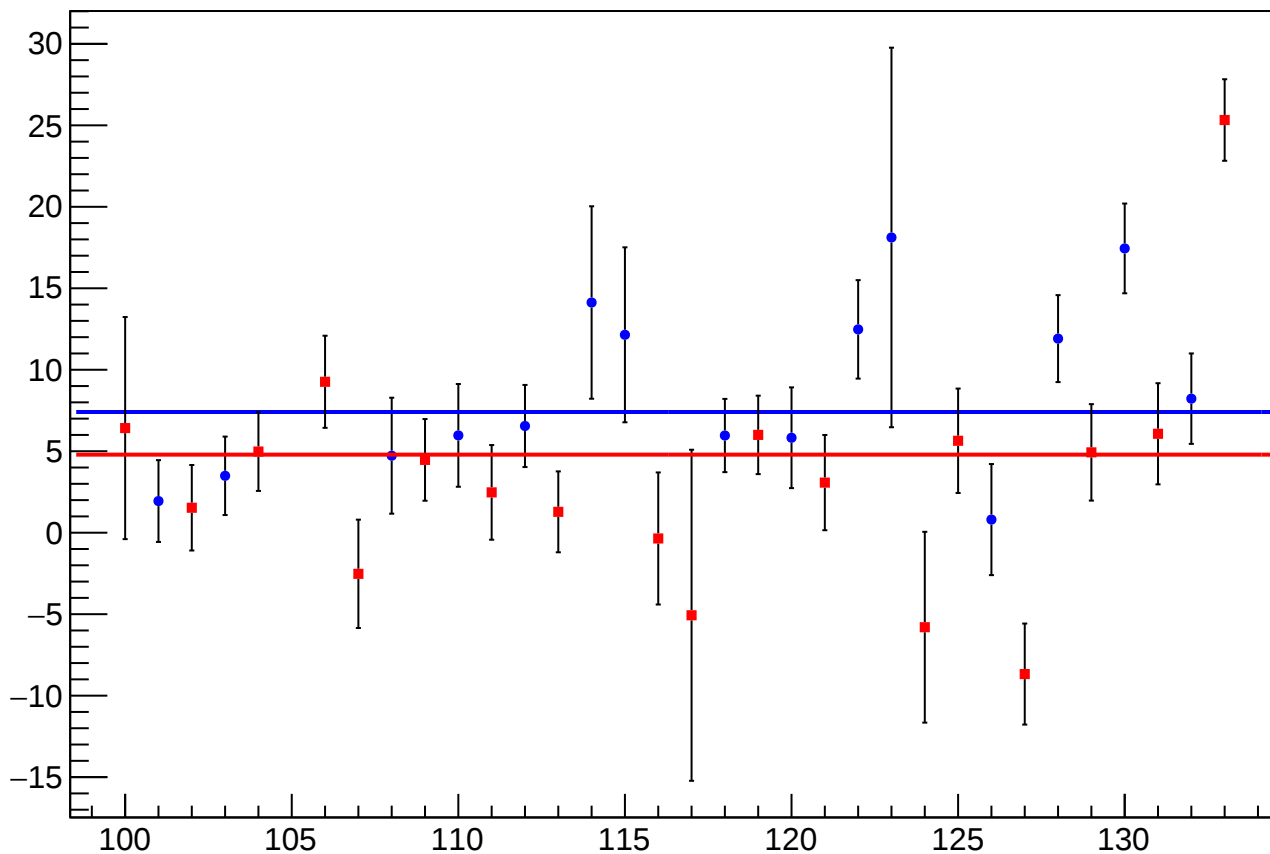
Right Out: 1879.135+/-0.525 χ^2/NDF : 139612.0/17

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

1938.341+/-0.577 χ^2/NDF : 99212.7/14

1879.135+/-0.525 χ^2/NDF : 139612.0/17

diff_bpm0i01aY_mean vs Slug



Right In: 7.408+/-0.781 χ^2/NDF : 34.7/14

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

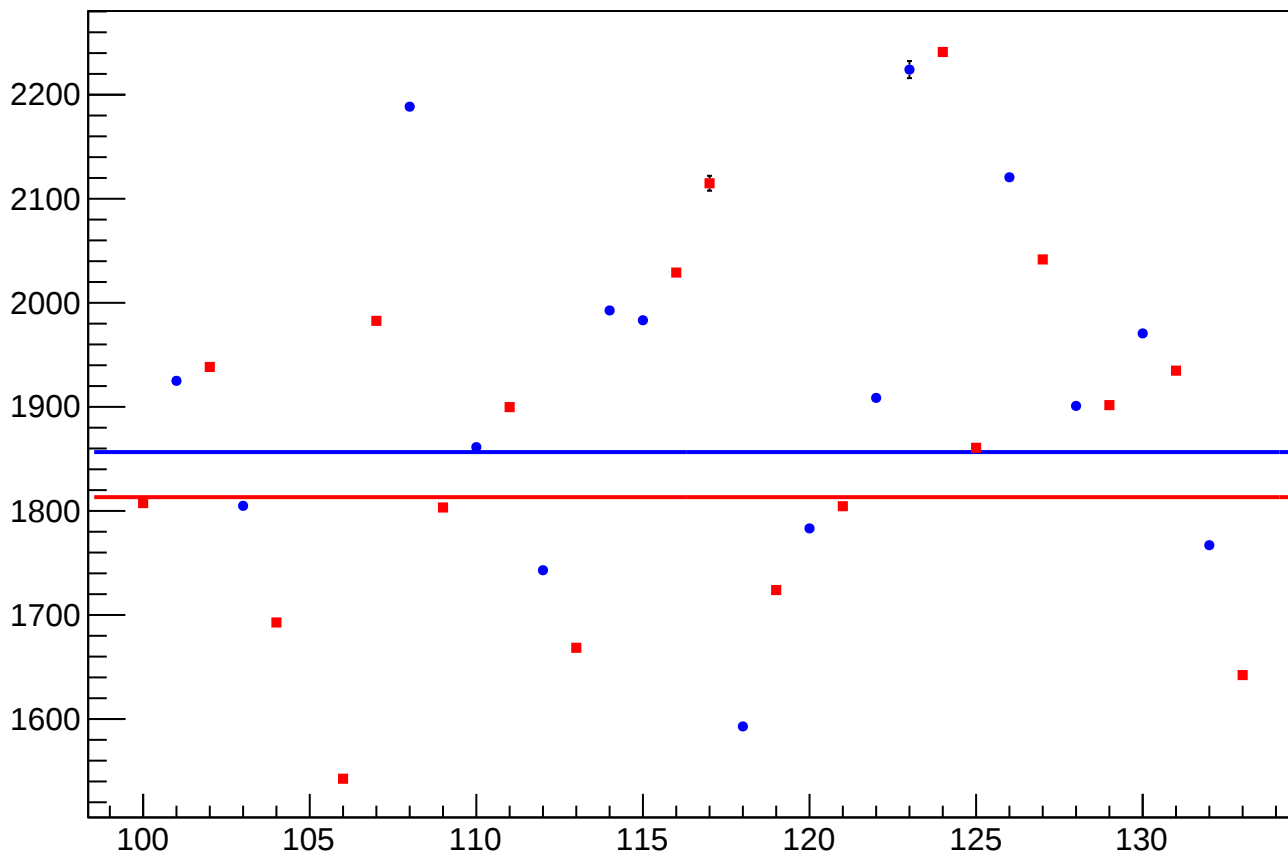
Right Out: 4.790+/-0.714 χ^2/NDF : 104.5/17

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

7.408+/-0.781 χ^2/NDF : 34.7/14

4.790+/-0.714 χ^2/NDF : 104.5/17

diff_bpm0i01aY_rms vs Slug



Right In: 1856.556 $\pm$ 0.552 χ^2 /NDF: 75368.9/14

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

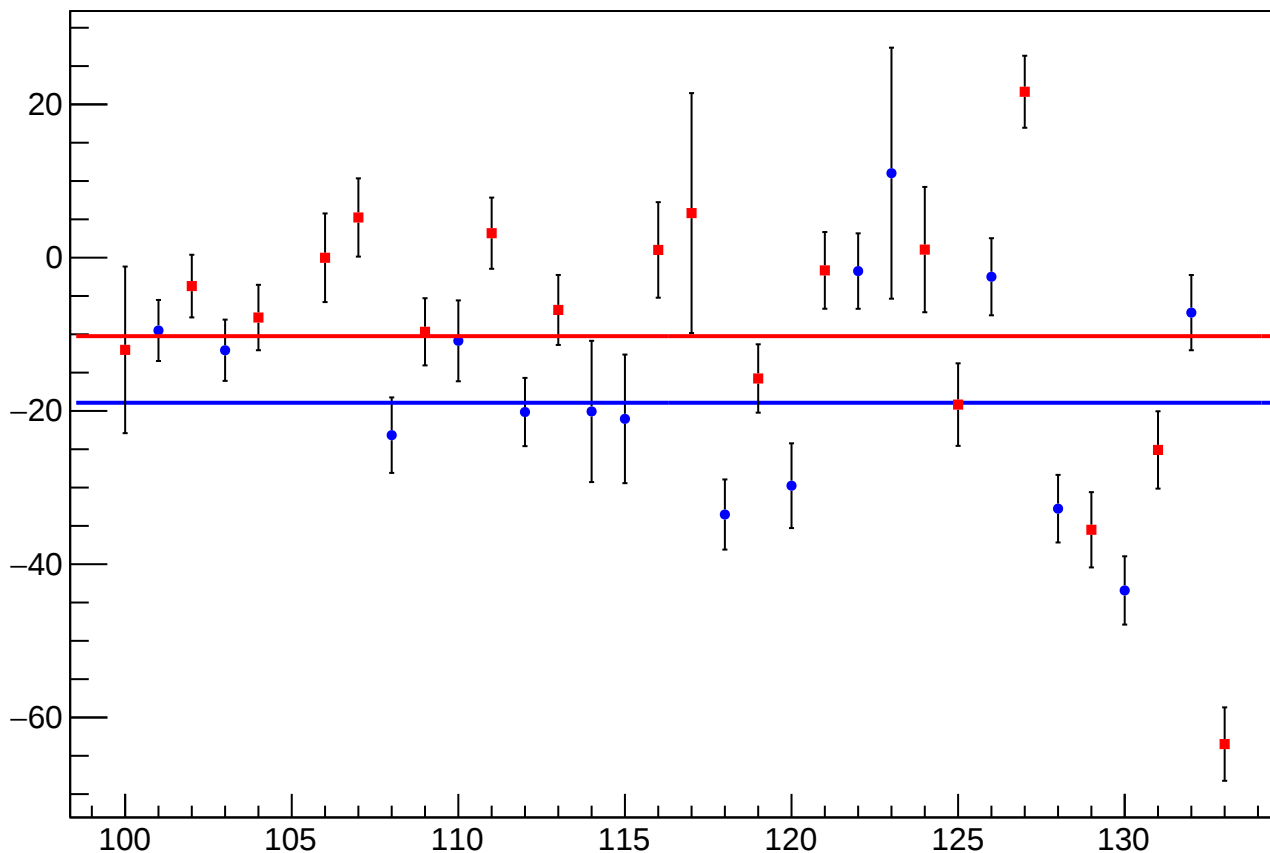
Right Out: 1813.235 $\pm$ 0.505 χ^2 /NDF: 88035.0/17

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

1856.556 $\pm$ 0.552 χ^2 /NDF: 75368.9/14

1813.235 $\pm$ 0.505 χ^2 /NDF: 88035.0/17

diff_bpm0l01X_mean vs Slug



Right In: -18.933+/-1.305 χ^2/NDF : 97.7/14

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

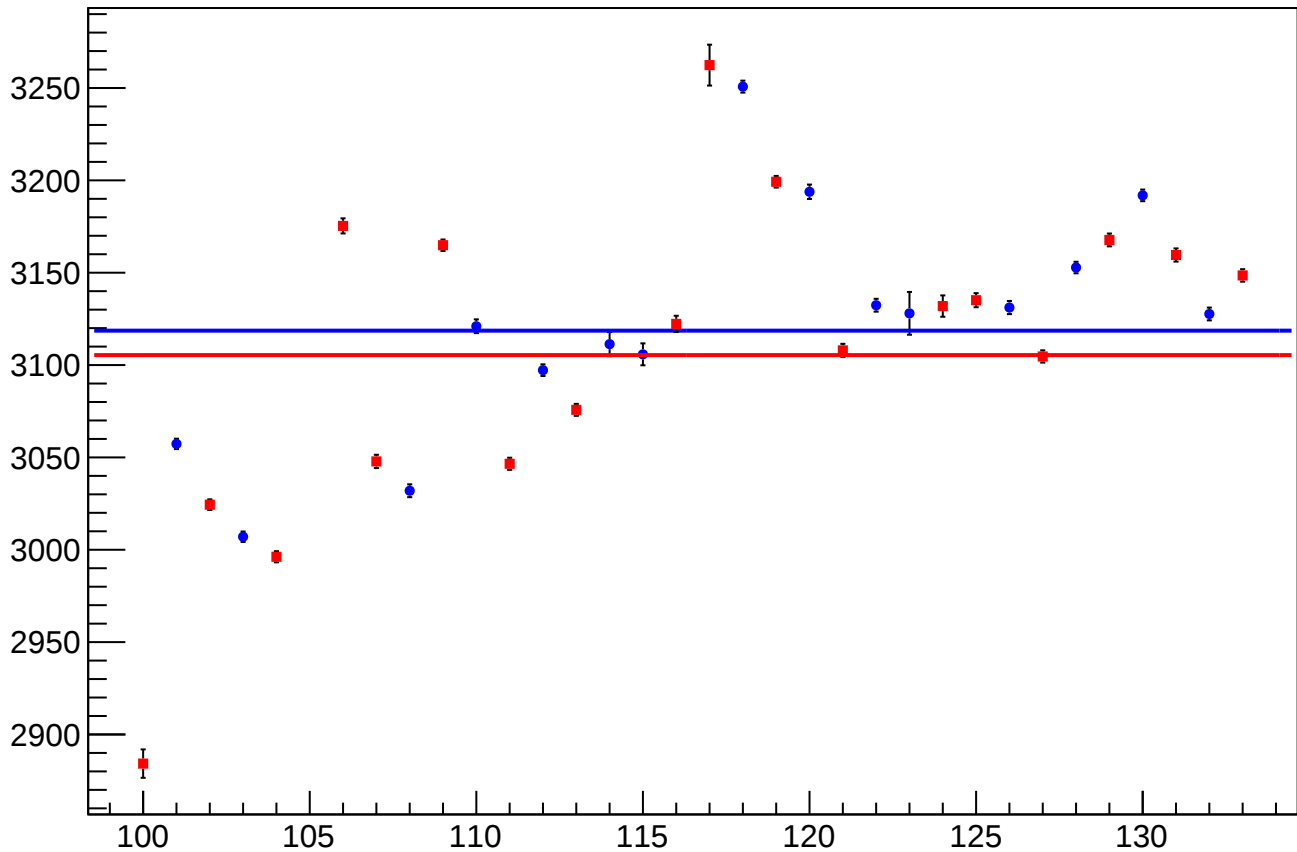
Right Out: -10.242+/-1.216 χ^2/NDF : 242.2/17

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

-18.933+/-1.305 χ^2/NDF : 97.7/14

-10.242+/-1.216 χ^2/NDF : 242.2/17

diff_bpm0l01X_rms vs Slug



Right In: 3118.632 $\pm$ 0.923 χ^2 /NDF: 5436.6/14

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

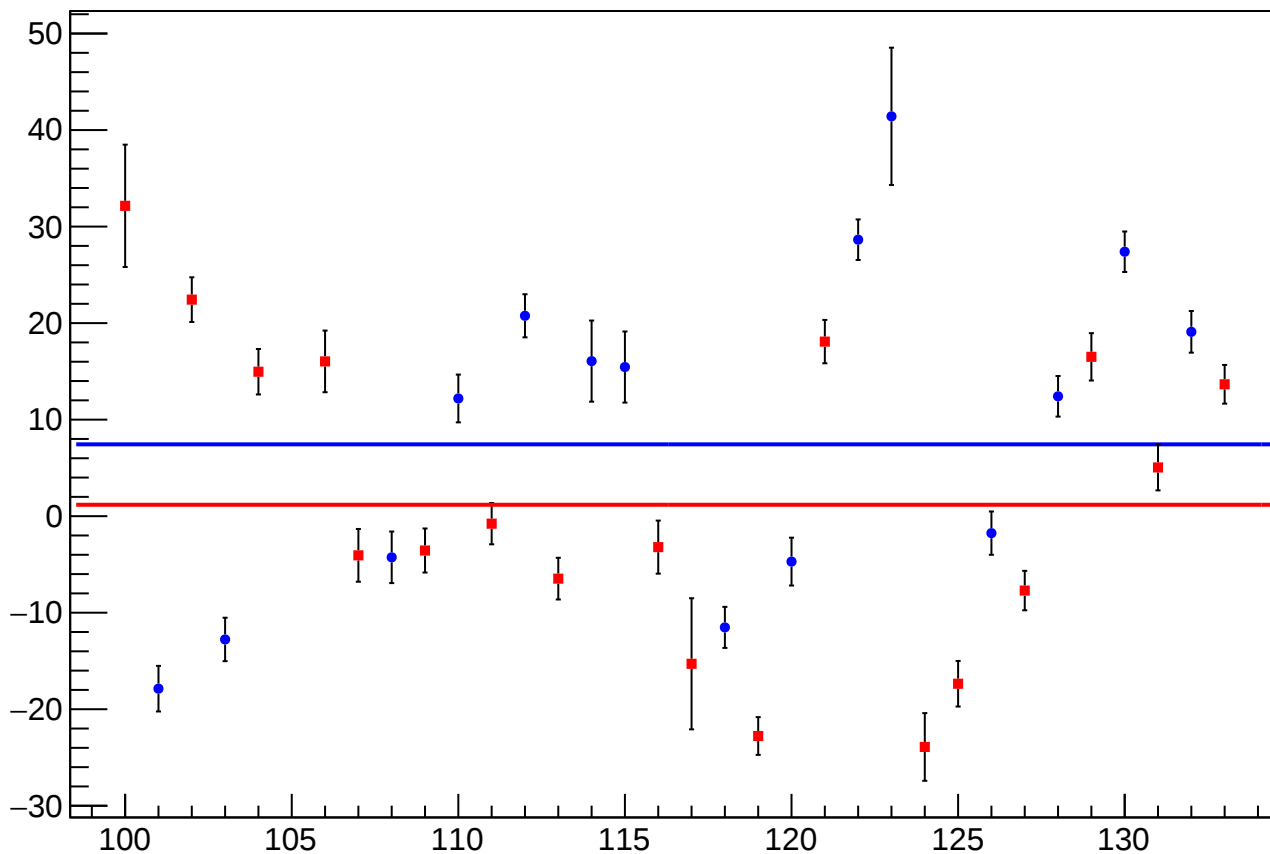
Right Out: 3105.396 $\pm$ 0.860 χ^2 /NDF: 6139.7/17

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

3118.632 $\pm$ 0.923 χ^2 /NDF: 5436.6/14

3105.396 $\pm$ 0.860 χ^2 /NDF: 6139.7/17

diff_bpm0l01Y_mean vs Slug



Right In: 7.441+/-0.631 χ^2/NDF : 633.5/14

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

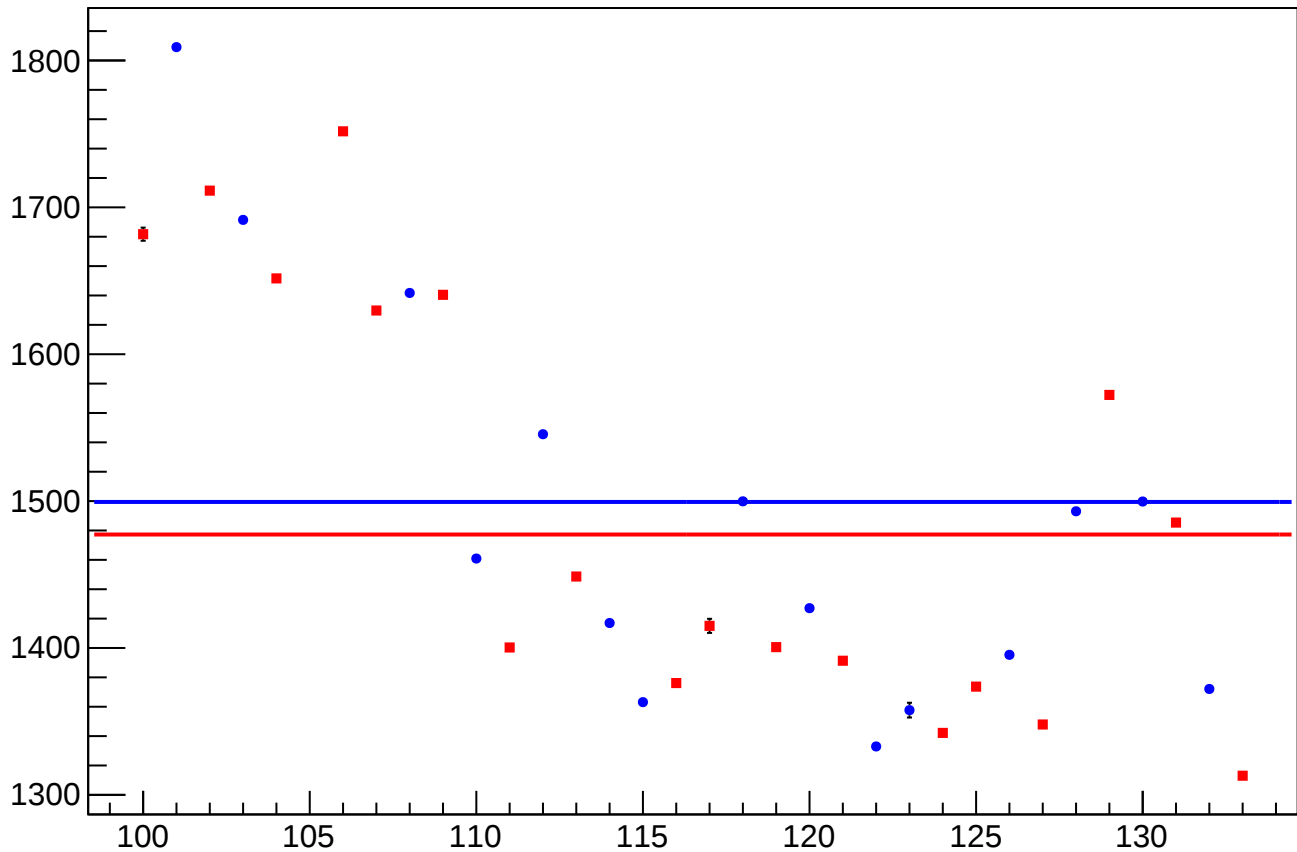
Right Out: 1.182+/-0.582 χ^2/NDF : 612.8/17

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

7.441+/-0.631 χ^2/NDF : 633.5/14

1.182+/-0.582 χ^2/NDF : 612.8/17

diff_bpm0l01Y_rms vs Slug



Right In: 1499.432 $\pm$ 0.446 χ^2 /NDF: 85842.3/14

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

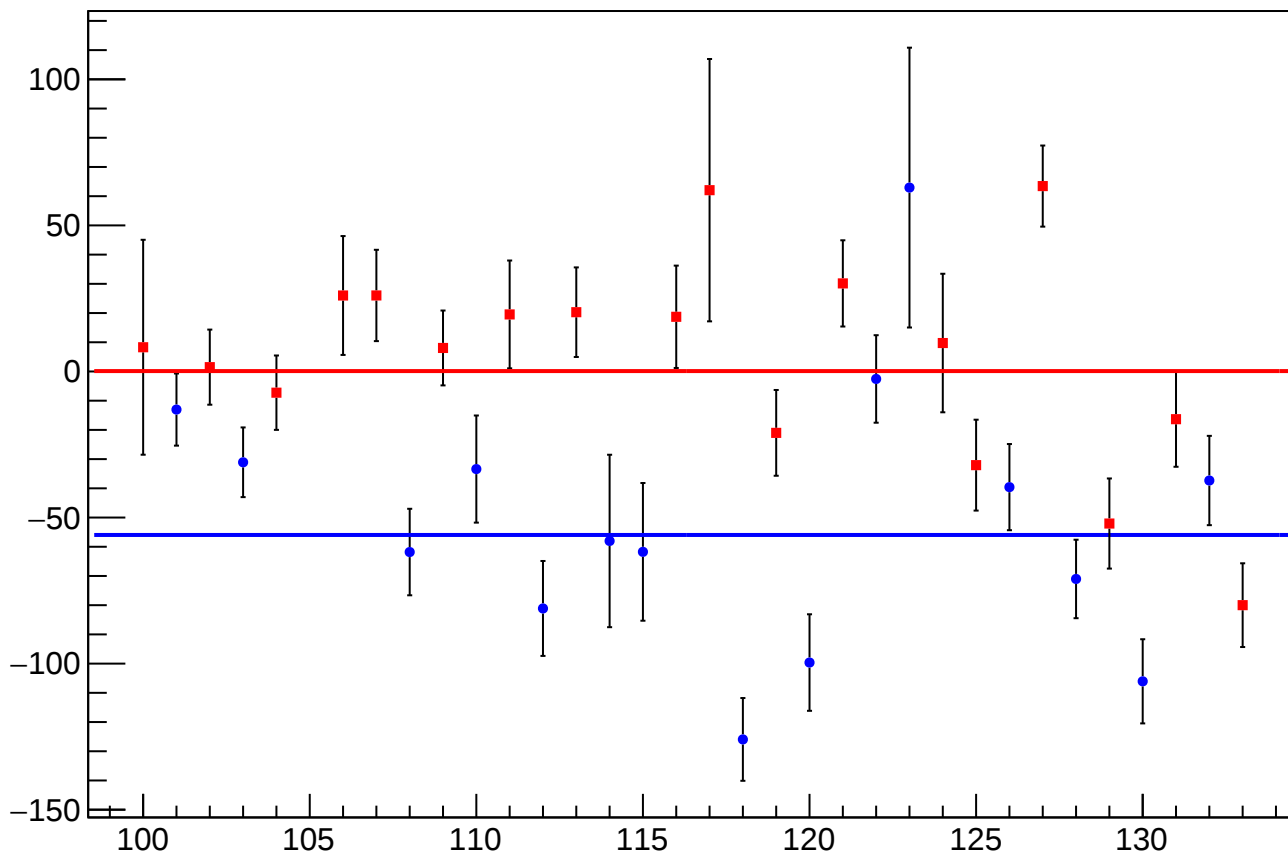
Right Out: 1477.248 $\pm$ 0.411 χ^2 /NDF: 107855.2/17

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

1499.432 $\pm$ 0.446 χ^2 /NDF: 85842.3/14

1477.248 $\pm$ 0.411 χ^2 /NDF: 107855.2/17

diff_bpm0l02X_mean vs Slug



Right In: -55.962 $\pm$ 4.061 χ^2/NDF : 86.9/14

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

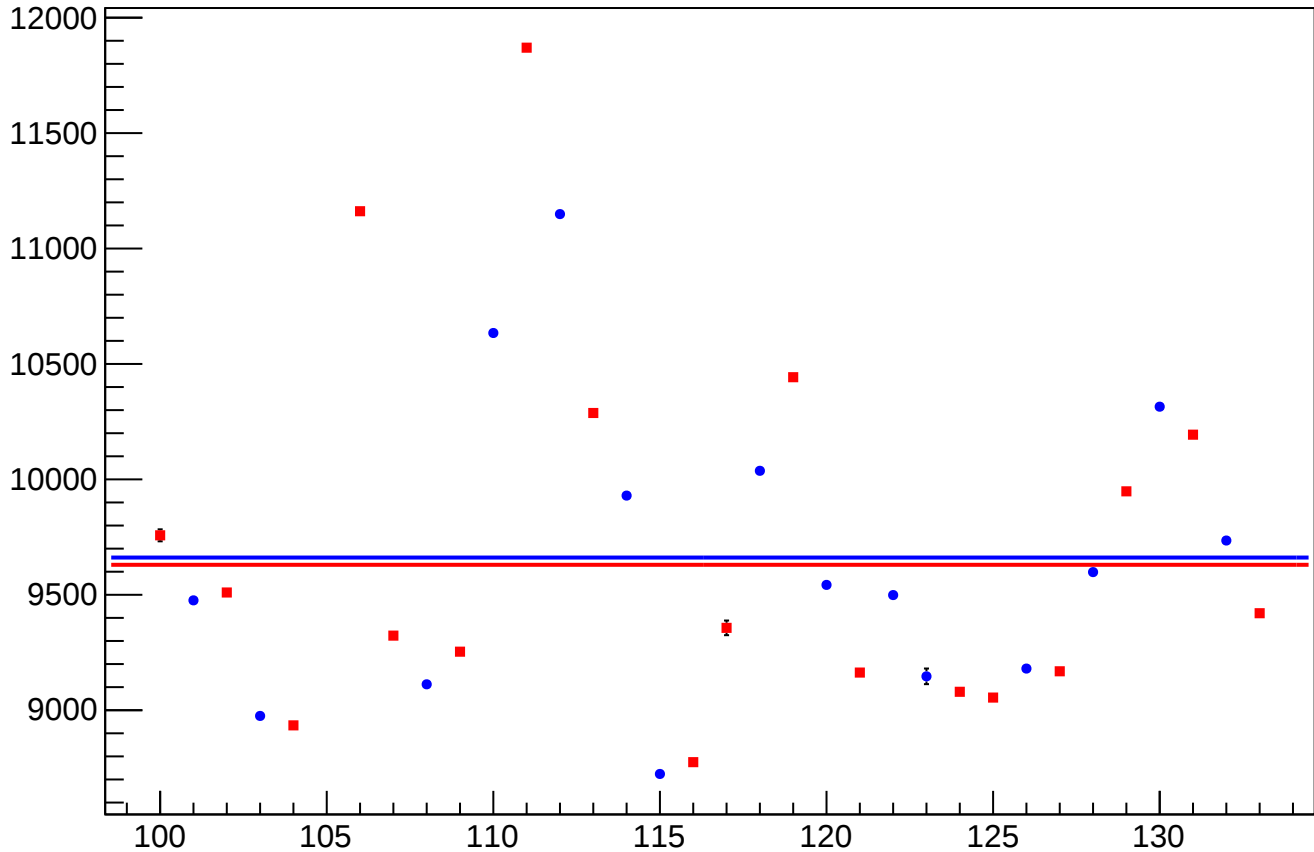
Right Out: 0.135 $\pm$ 3.788 χ^2/NDF : 86.2/17

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

-55.962 $\pm$ 4.061 χ^2/NDF : 86.9/14

0.135 $\pm$ 3.788 χ^2/NDF : 86.2/17

diff_bpm0l02X_rms vs Slug



Right In: 9661.397 $\pm$ 2.871 χ^2 /NDF: 43860.9/14

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

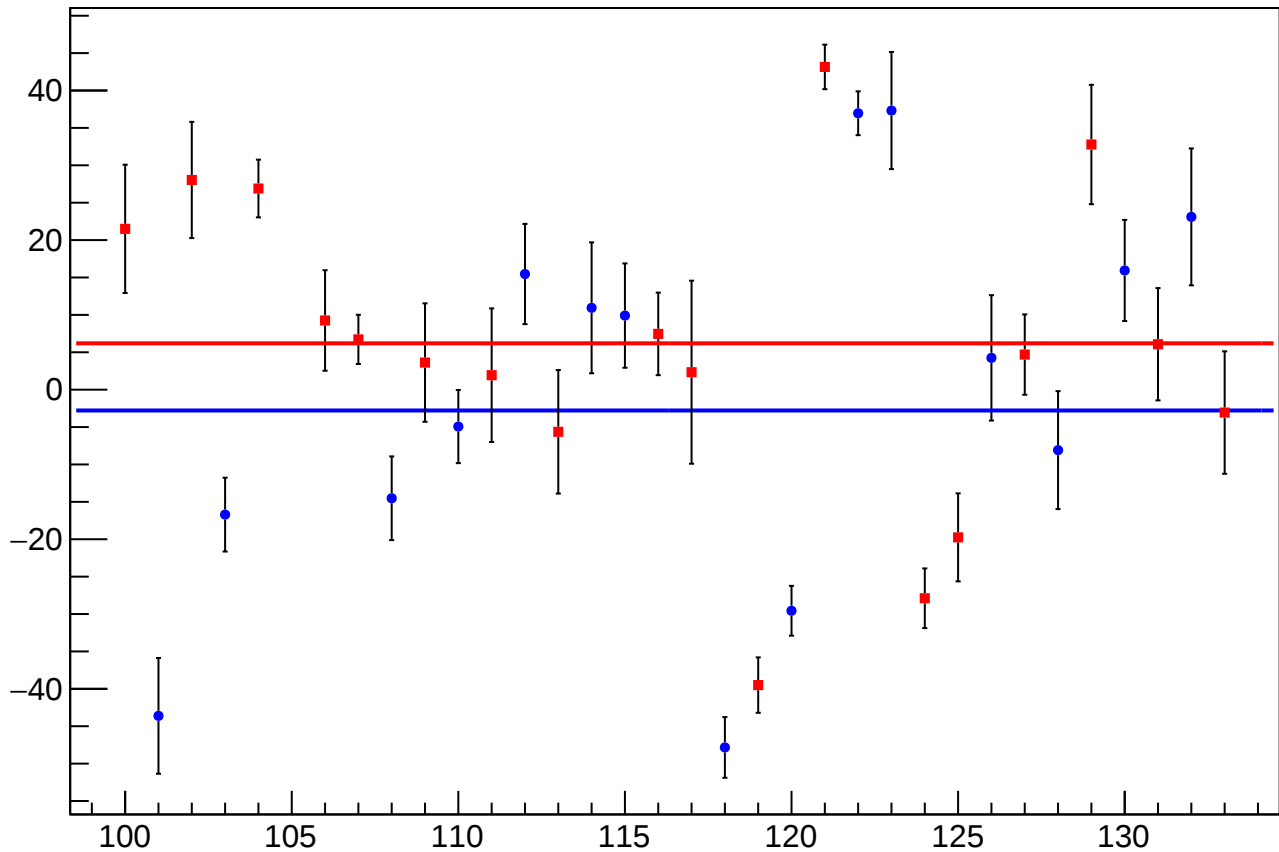
Right Out: 9629.952 $\pm$ 2.679 χ^2 /NDF: 75809.6/17

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

9661.397 $\pm$ 2.871 χ^2 /NDF: 43860.9/14

9629.952 $\pm$ 2.679 χ^2 /NDF: 75809.6/17

diff_bpm0l02Y_mean vs Slug



Right In: -2.781+/-1.367 χ^2/NDF : 468.6/14

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

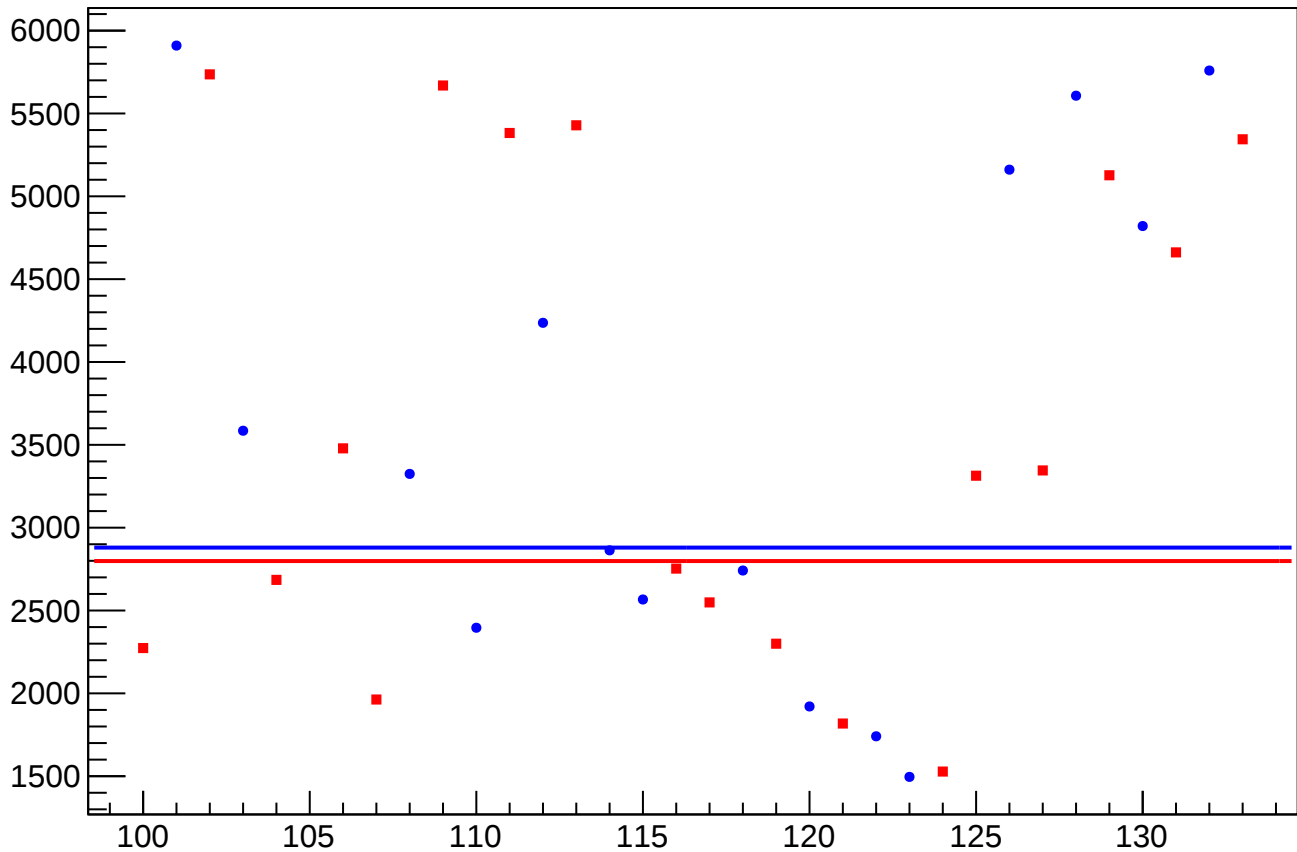
Right Out: 6.199+/-1.236 χ^2/NDF : 453.8/17

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

-2.781+/-1.367 χ^2/NDF : 468.6/14

6.199+/-1.236 χ^2/NDF : 453.8/17

diff_bpm0l02Y_rms vs Slug



Right In: 2879.799 $\pm$ 0.967 χ^2 /NDF: 1748617.6/14

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

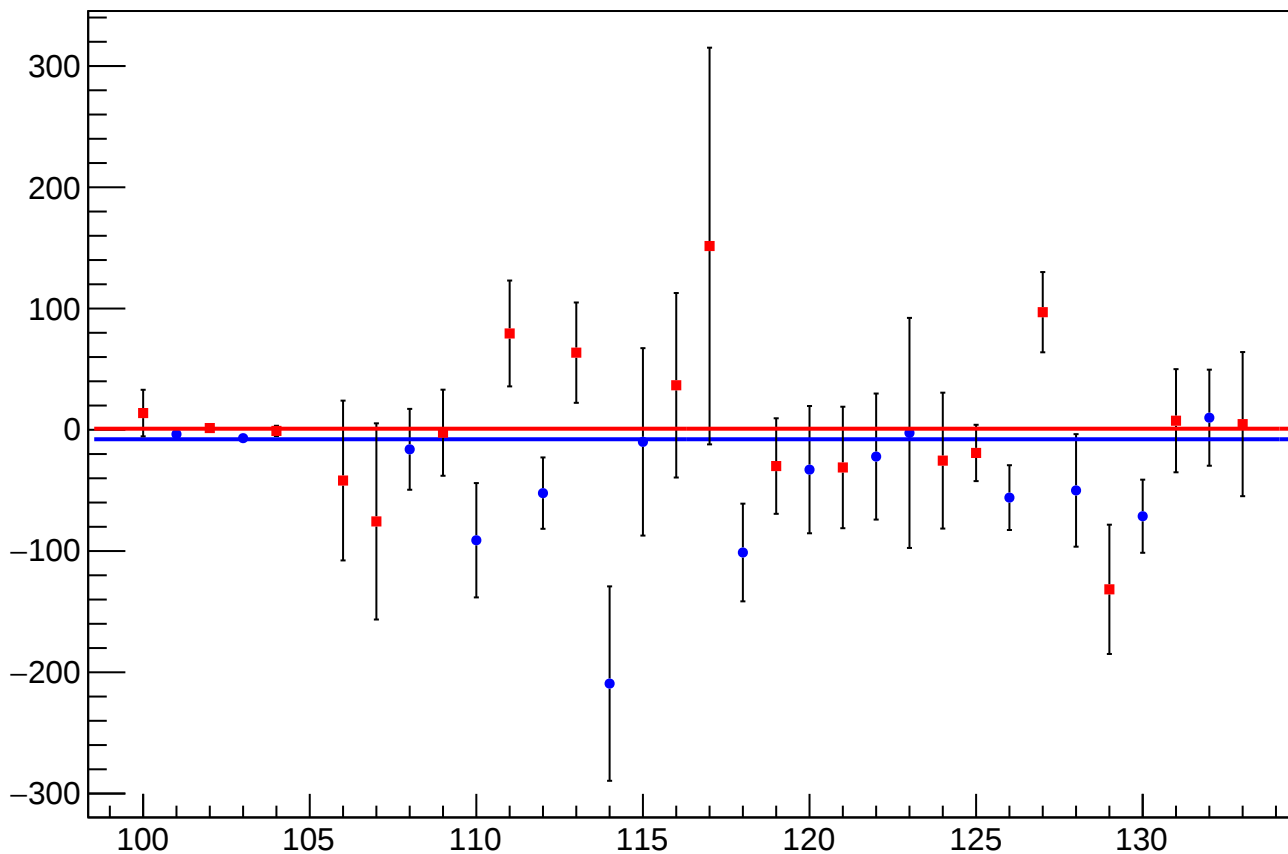
Right Out: 2798.598 $\pm$ 0.874 χ^2 /NDF: 2057420.0/17

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

2879.799 $\pm$ 0.967 χ^2 /NDF: 1748617.6/14

2798.598 $\pm$ 0.874 χ^2 /NDF: 2057420.0/17

diff_bpm0l03X_mean vs Slug



Right In: -7.803+/-2.639 χ^2/NDF : 27.4/14

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

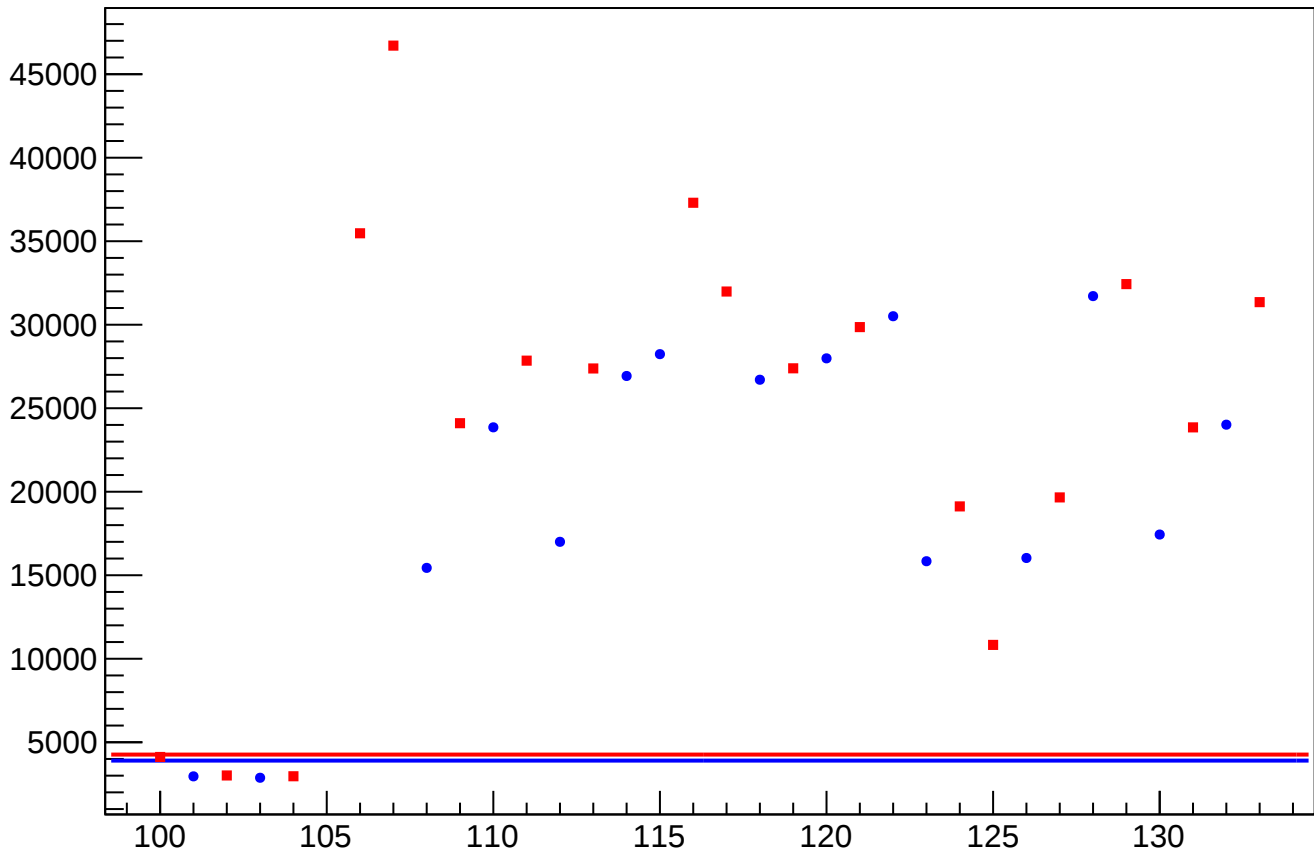
Right Out: 0.890+/-2.826 χ^2/NDF : 25.2/17

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

-7.803+/-2.639 χ^2/NDF : 27.4/14

0.890+/-2.826 χ^2/NDF : 25.2/17

diff_bpm0l03X_rms vs Slug



Right In: 3901.558+/-1.866 χ^2/NDF : 5288980.3/14

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

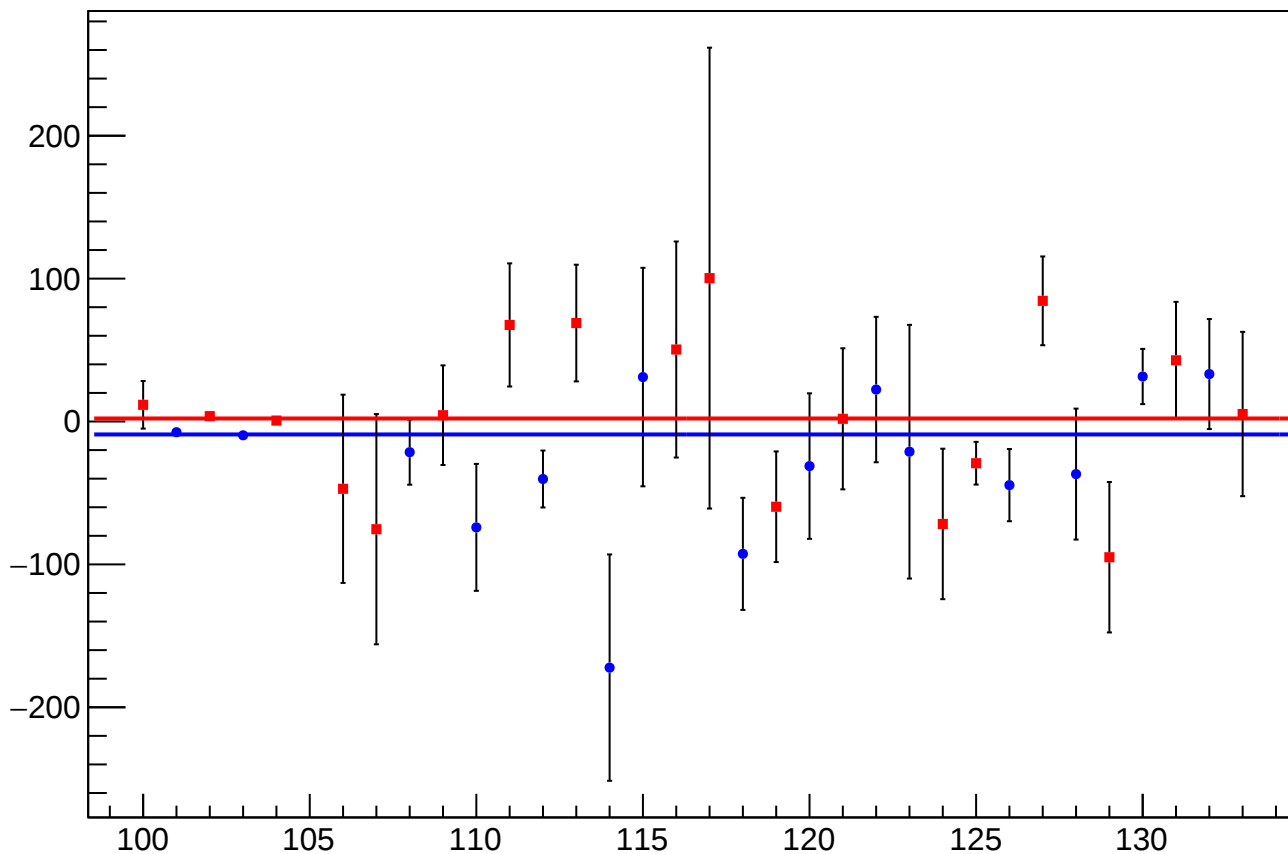
3901.558+/-1.866 χ^2/NDF : 5288980.3/14

Right Out: 4262.066+/-1.998 χ^2/NDF : 6983085.1/17

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

4262.066+/-1.998 χ^2/NDF : 6983085.1/17

diff_bpm0l03Y_mean vs Slug



Right In: -9.057+/-1.819 χ^2 /NDF: 22.9/14

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

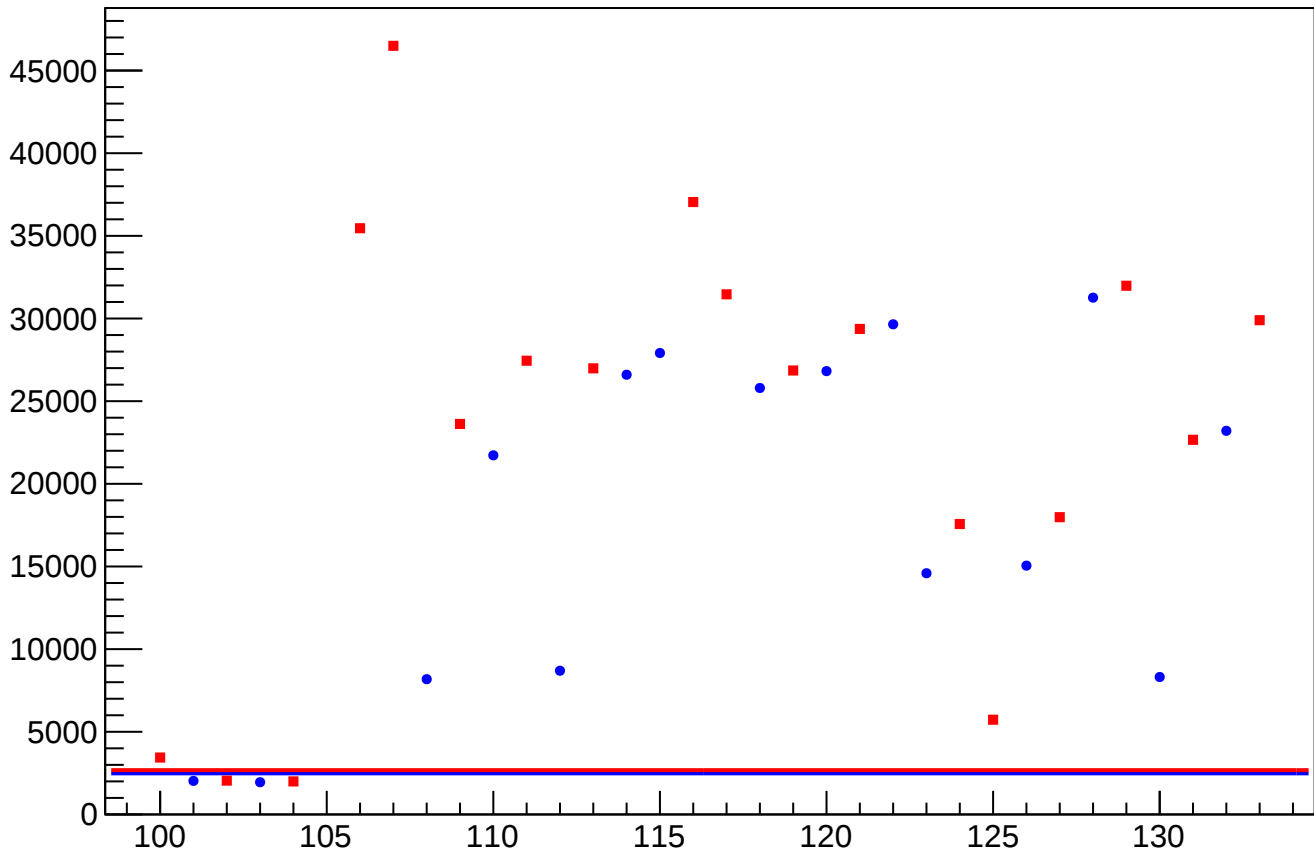
Right Out: 2.120+/-1.957 χ^2 /NDF: 28.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-9.057+/-1.819 χ^2 /NDF: 22.9/14

2.120+/-1.957 χ^2 /NDF: 28.5/17

diff_bpm0l03Y_rms vs Slug



Right In: 2486.944+/-1.286 χ^2/NDF : 5058987.2/14

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

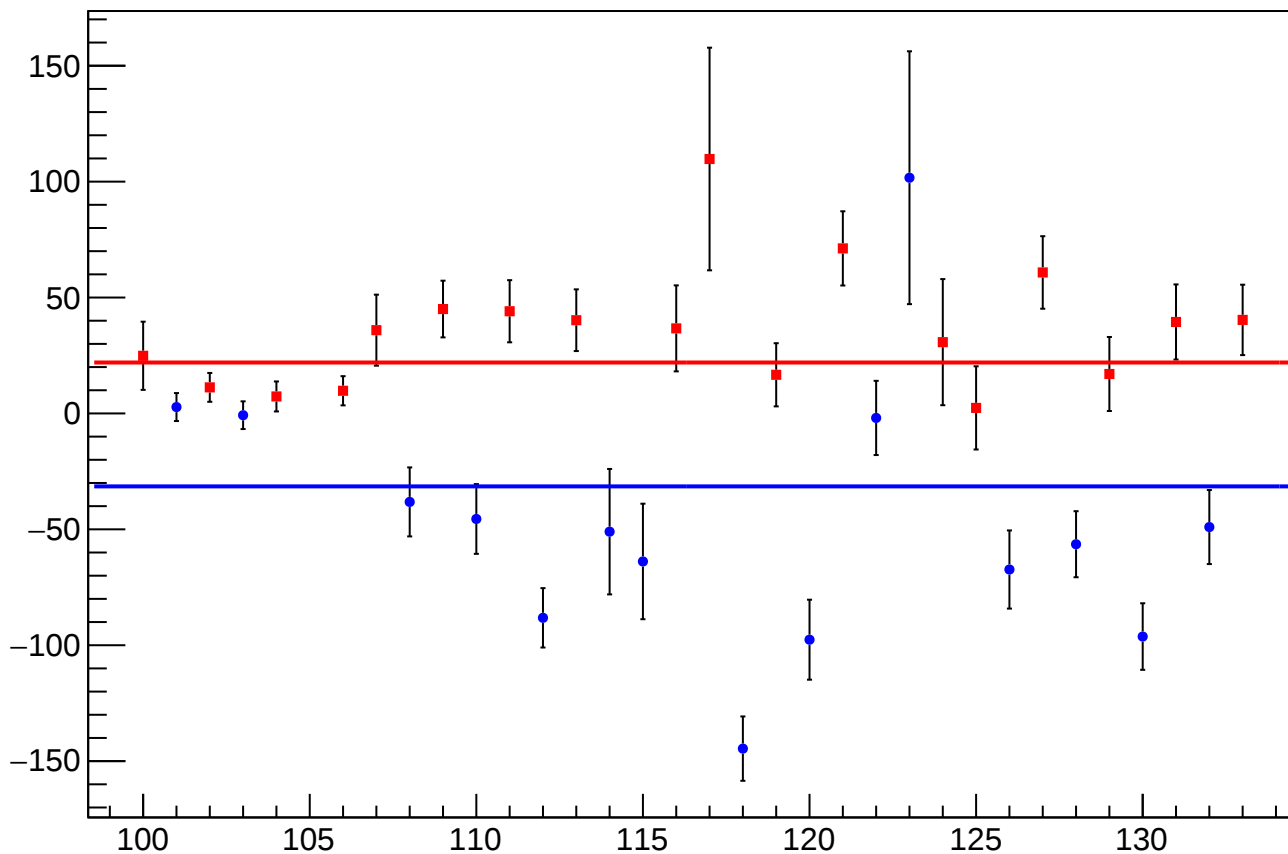
2486.944+/-1.286 χ^2/NDF : 5058987.2/14

Right Out: 2679.663+/-1.384 χ^2/NDF : 7509672.9/17

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

2679.663+/-1.384 χ^2/NDF : 7509672.9/17

diff_bpm0l04X_mean vs Slug



Right In: -31.471+/-3.109 χ^2/NDF : 201.1/14

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

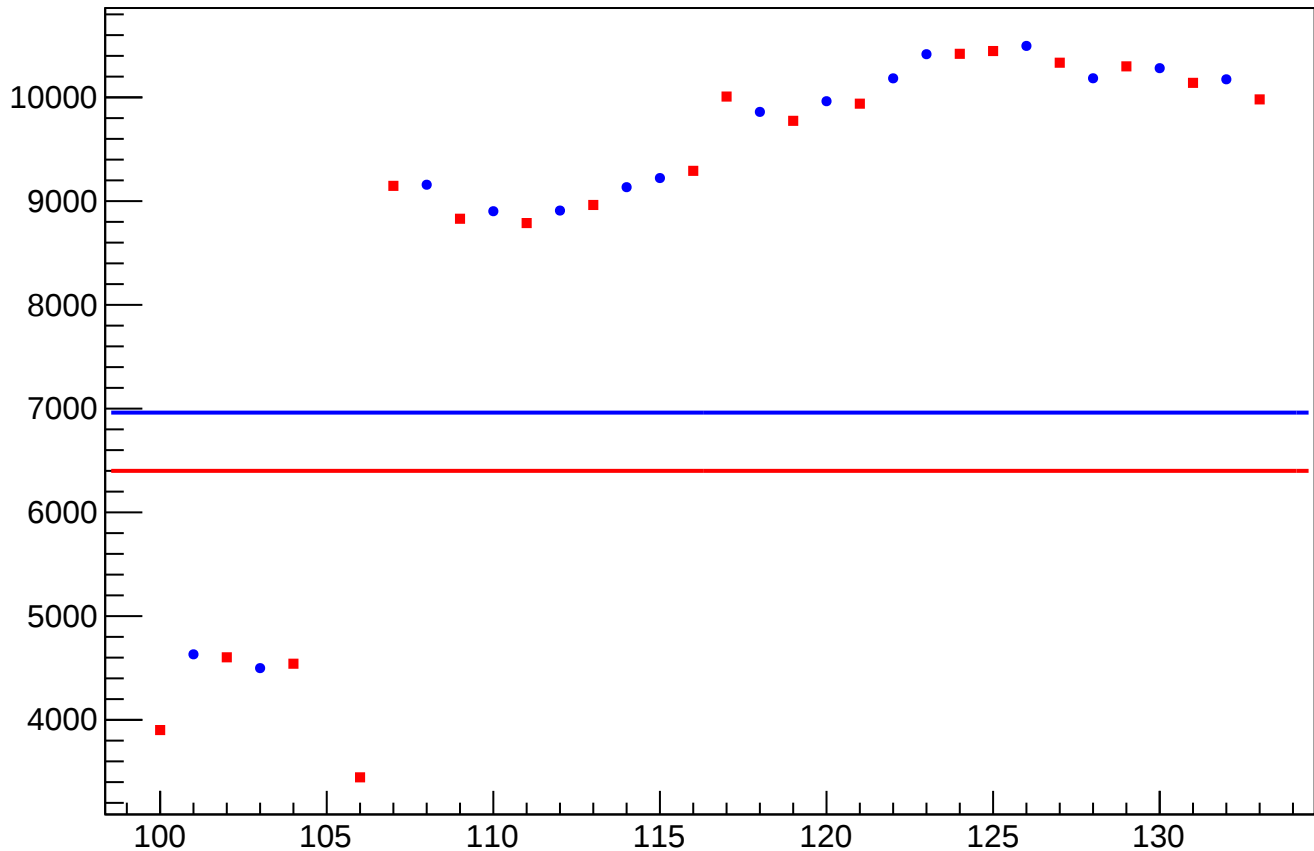
Right Out: 21.973+/-2.722 χ^2/NDF : 44.6/17

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

-31.471+/-3.109 χ^2/NDF : 201.1/14

21.973+/-2.722 χ^2/NDF : 44.6/17

diff_bpm0l04X_rms vs Slug



Right In: 6961.570+/-2.199 χ^2/NDF : 1404710.6/14

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

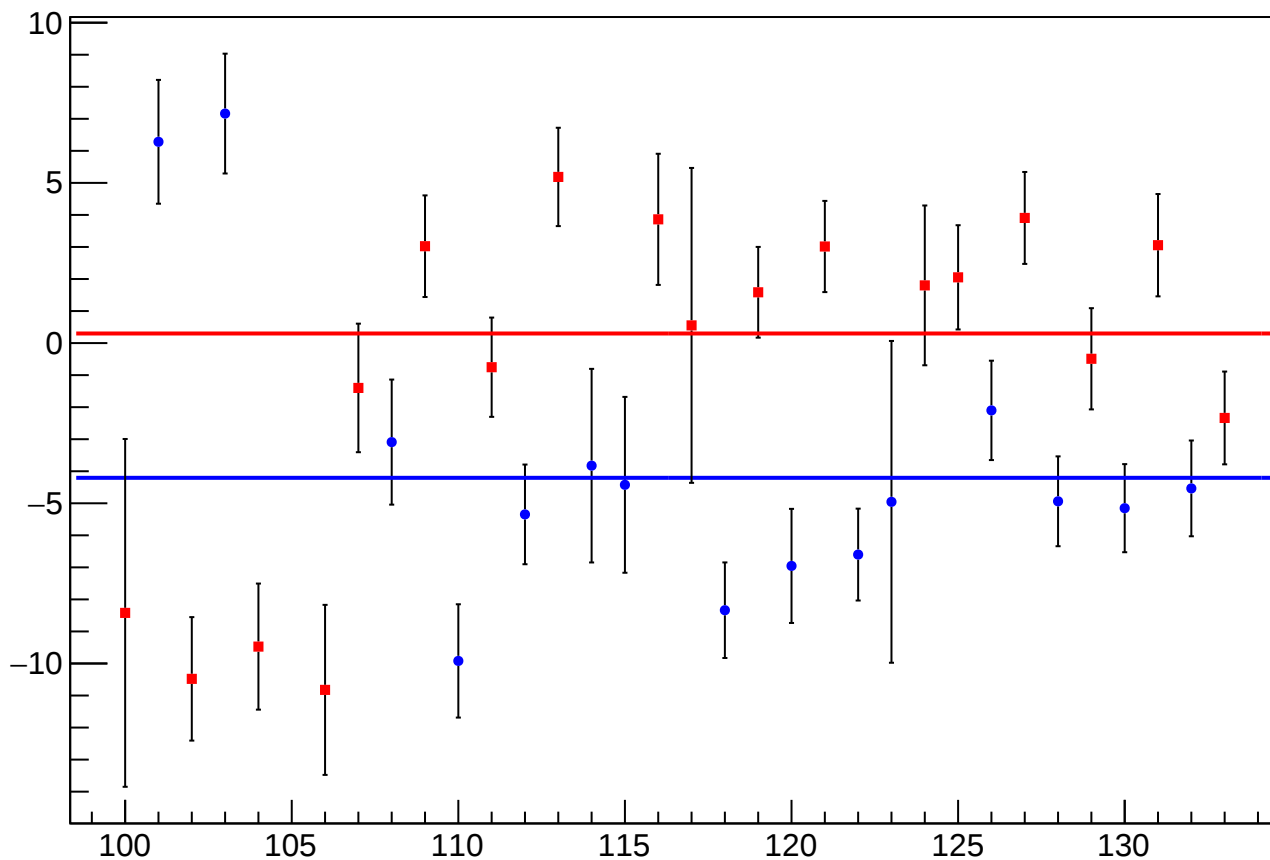
6961.570+/-2.199 χ^2/NDF : 1404710.6/14

Right Out: 6400.149+/-1.925 χ^2/NDF : 1999431.1/17

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

6400.149+/-1.925 χ^2/NDF : 1999431.1/17

diff_bpm0l04Y_mean vs Slug



Right In: -4.205+/-0.448 χ^2/NDF : 93.3/14

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

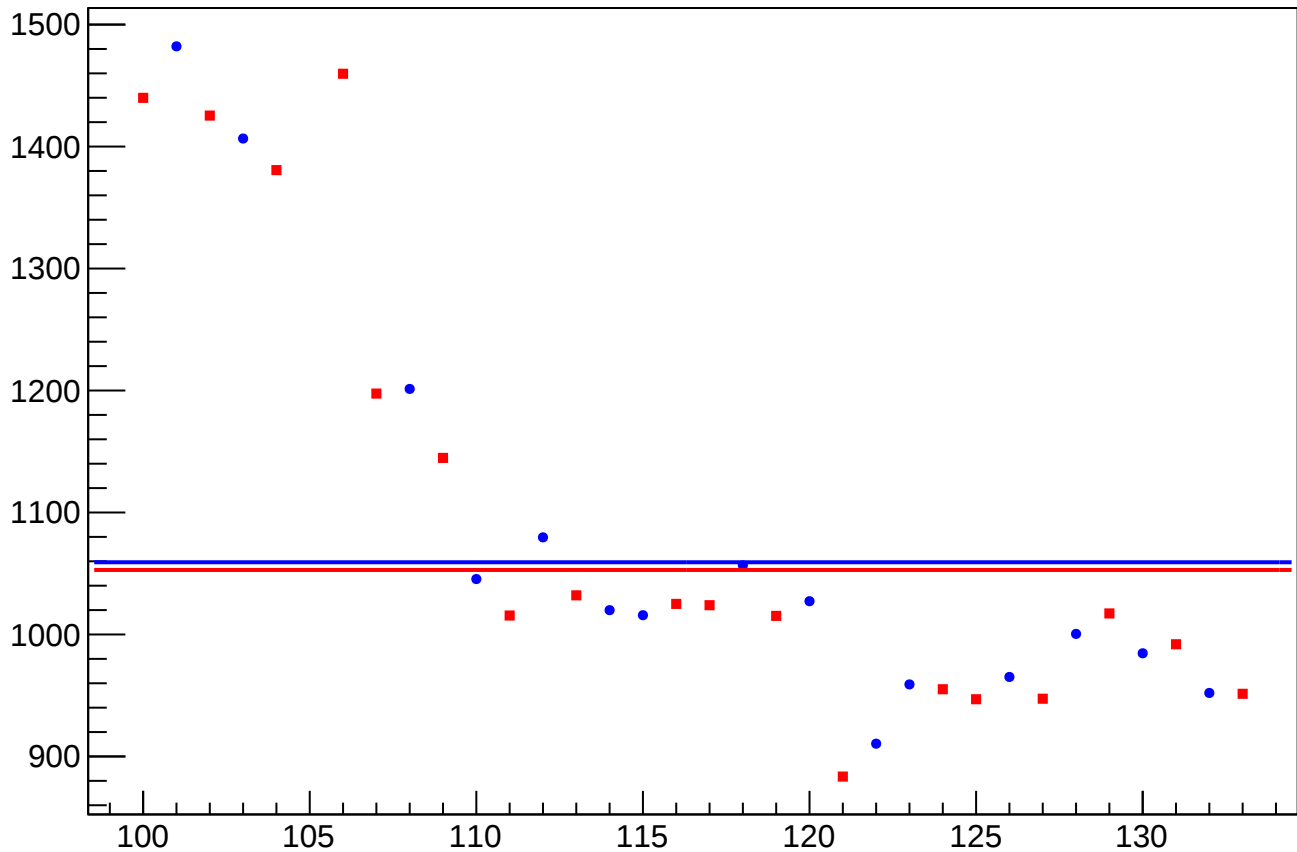
Right Out: 0.299+/-0.417 χ^2/NDF : 112.3/17

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

-4.205+/-0.448 χ^2/NDF : 93.3/14

0.299+/-0.417 χ^2/NDF : 112.3/17

diff_bpm0l04Y_rms vs Slug



Right In: 1059.197 $\pm$ 0.317 χ^2 /NDF: 226770.4/14

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

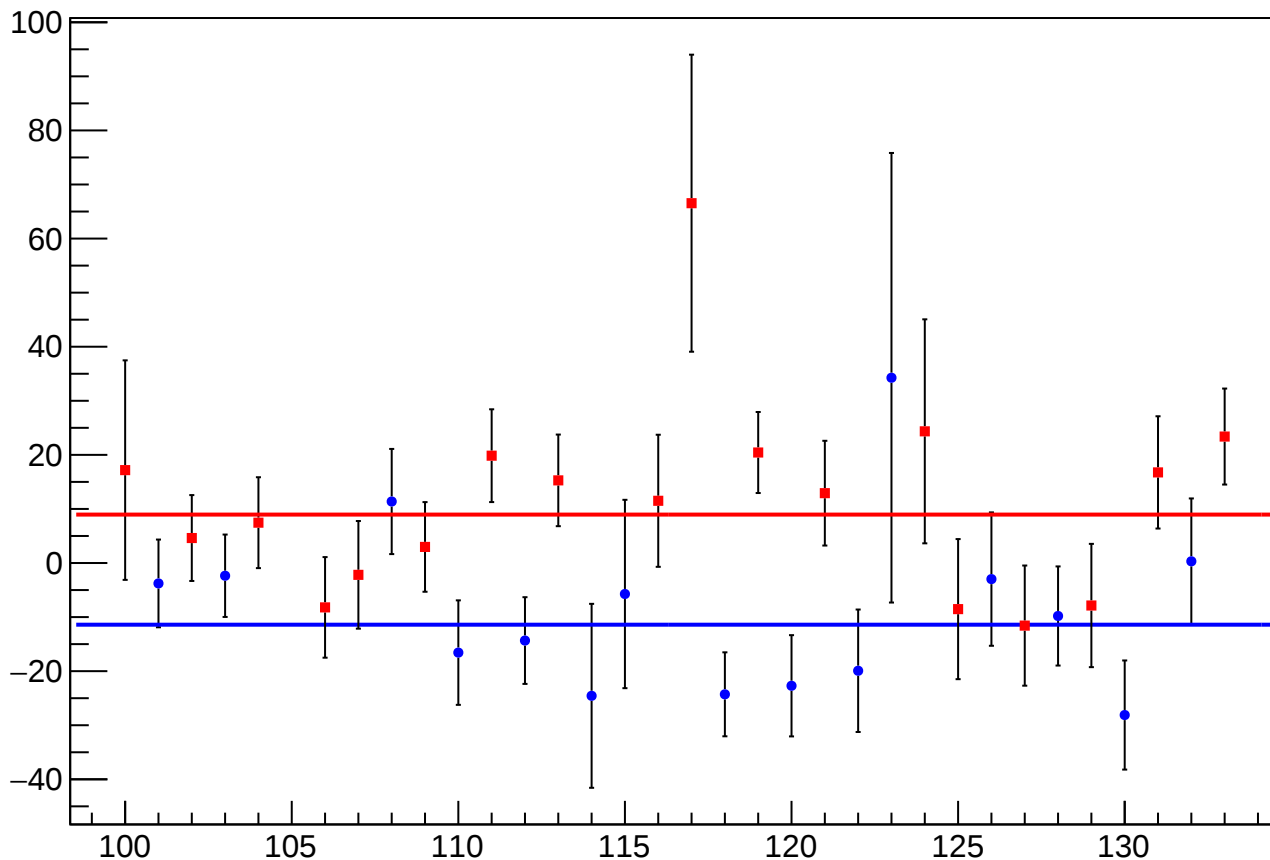
1059.197 $\pm$ 0.317 χ^2 /NDF: 226770.4/14

Right Out: 1052.905 $\pm$ 0.295 χ^2 /NDF: 272383.6/17

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

1052.905 $\pm$ 0.295 χ^2 /NDF: 272383.6/17

diff_bpm0l05X_mean vs Slug



Right In: -11.407+/-2.599 χ^2/NDF : 19.1/14

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

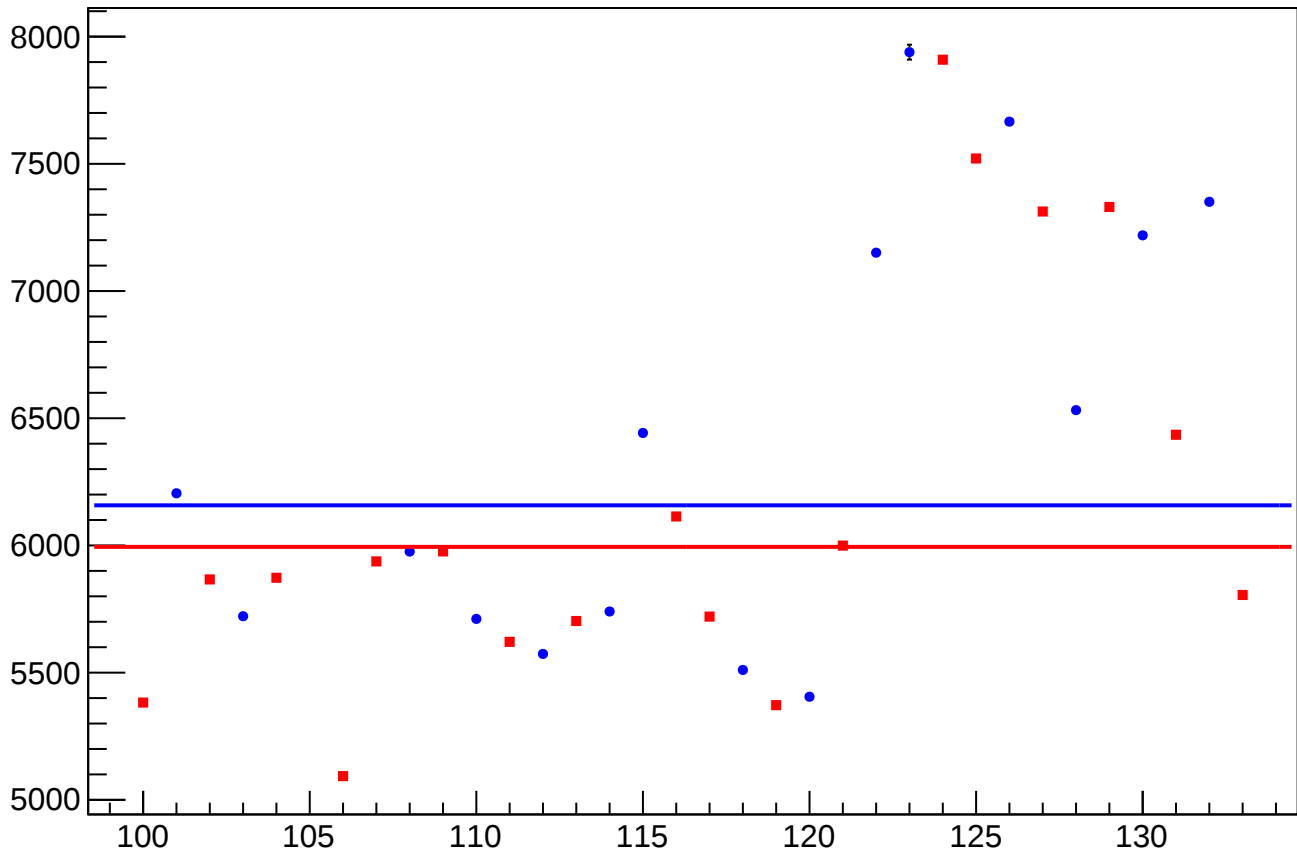
Right Out: 8.956+/-2.365 χ^2/NDF : 26.0/17

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

-11.407+/-2.599 χ^2/NDF : 19.1/14

8.956+/-2.365 χ^2/NDF : 26.0/17

diff_bpm0l05X_rms vs Slug



Right In: 6157.686 $\pm$ 1.838 χ^2 /NDF: 146219.8/14

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

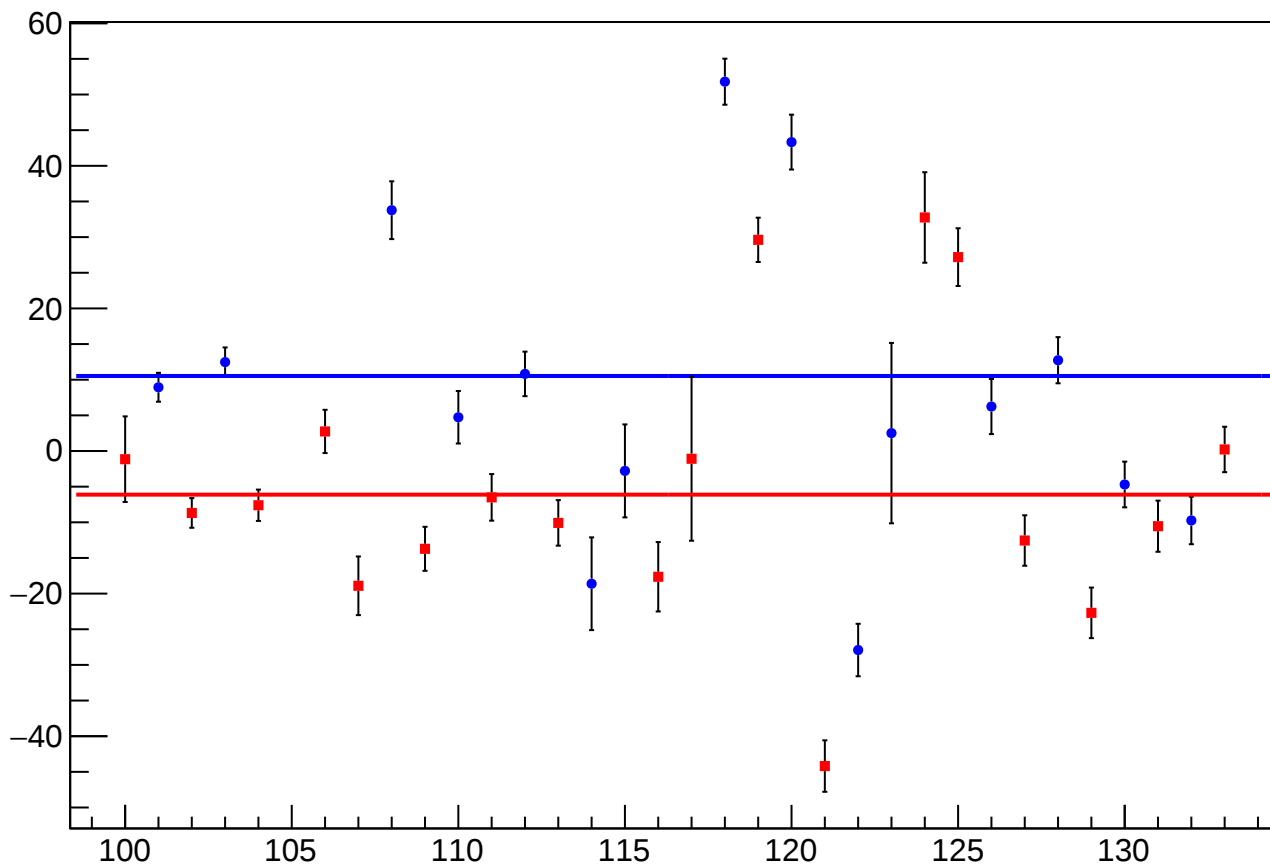
6157.686 $\pm$ 1.838 χ^2 /NDF: 146219.8/14

Right Out: 5994.427 $\pm$ 1.673 χ^2 /NDF: 146948.2/17

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

5994.427 $\pm$ 1.673 χ^2 /NDF: 146948.2/17

diff_bpm0l05Y_mean vs Slug



Right In: 10.524+/-0.858 χ^2/NDF : 468.0/14

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

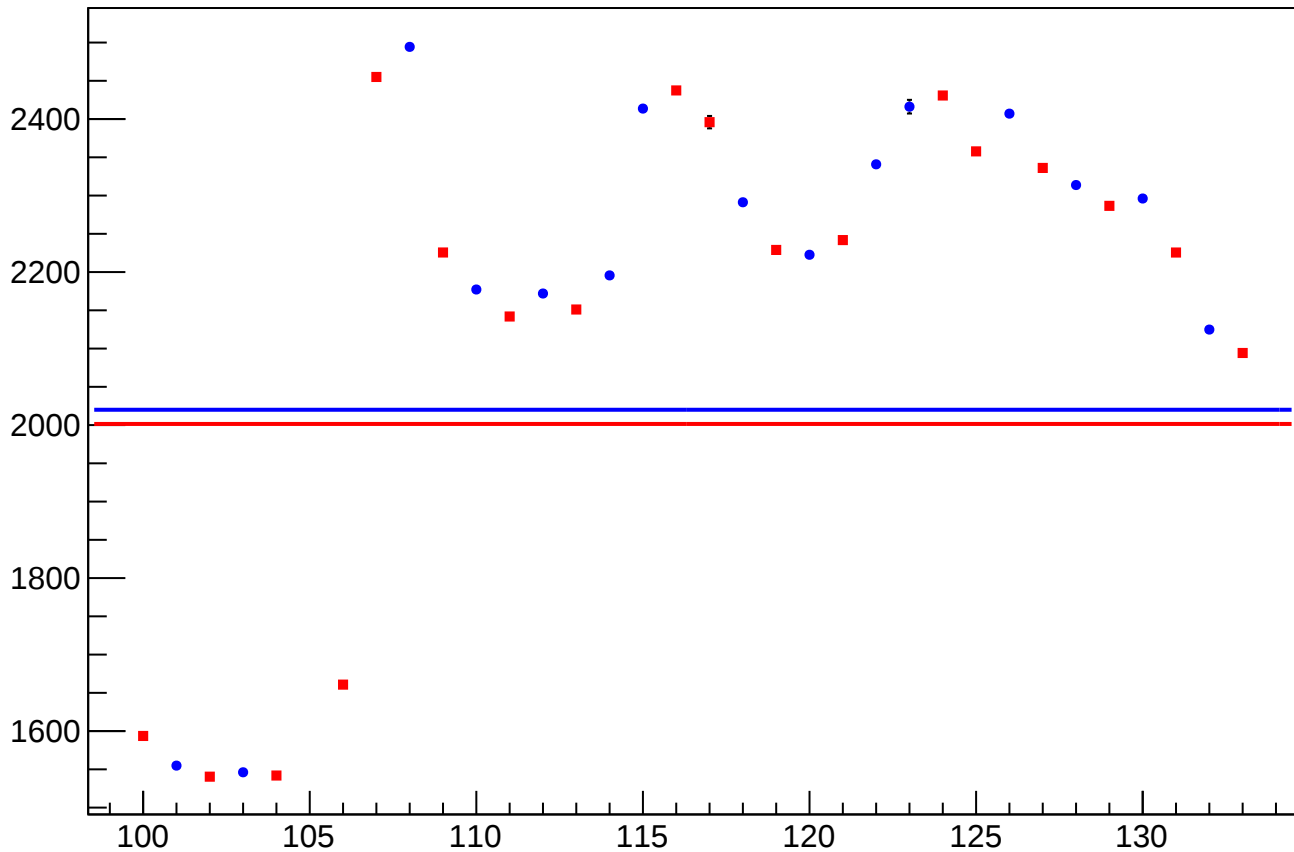
Right Out: -6.120+/-0.795 χ^2/NDF : 413.5/17

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

10.524+/-0.858 χ^2/NDF : 468.0/14

-6.120+/-0.795 χ^2/NDF : 413.5/17

diff_bpm0l05Y_rms vs Slug



Right In: 2020.027 $\pm$ 0.607 χ^2 /NDF: 346442.2/14

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

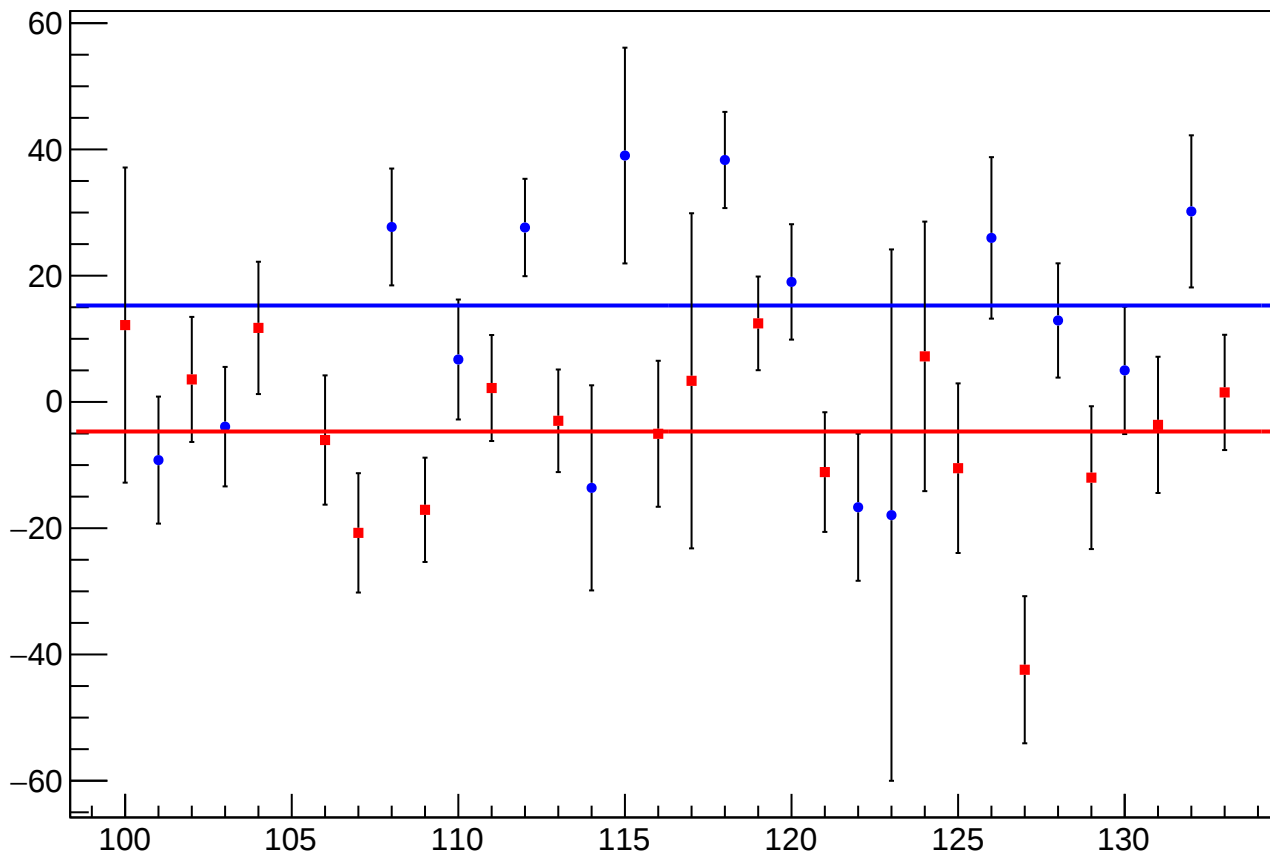
Right Out: 2001.469 $\pm$ 0.562 χ^2 /NDF: 365890.4/17

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

2020.027 $\pm$ 0.607 χ^2 /NDF: 346442.2/14

2001.469 $\pm$ 0.562 χ^2 /NDF: 365890.4/17

diff_bpm0l06X_mean vs Slug



Right In: 15.276 $\pm$ 2.673 χ^2 /NDF: 41.1/14

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

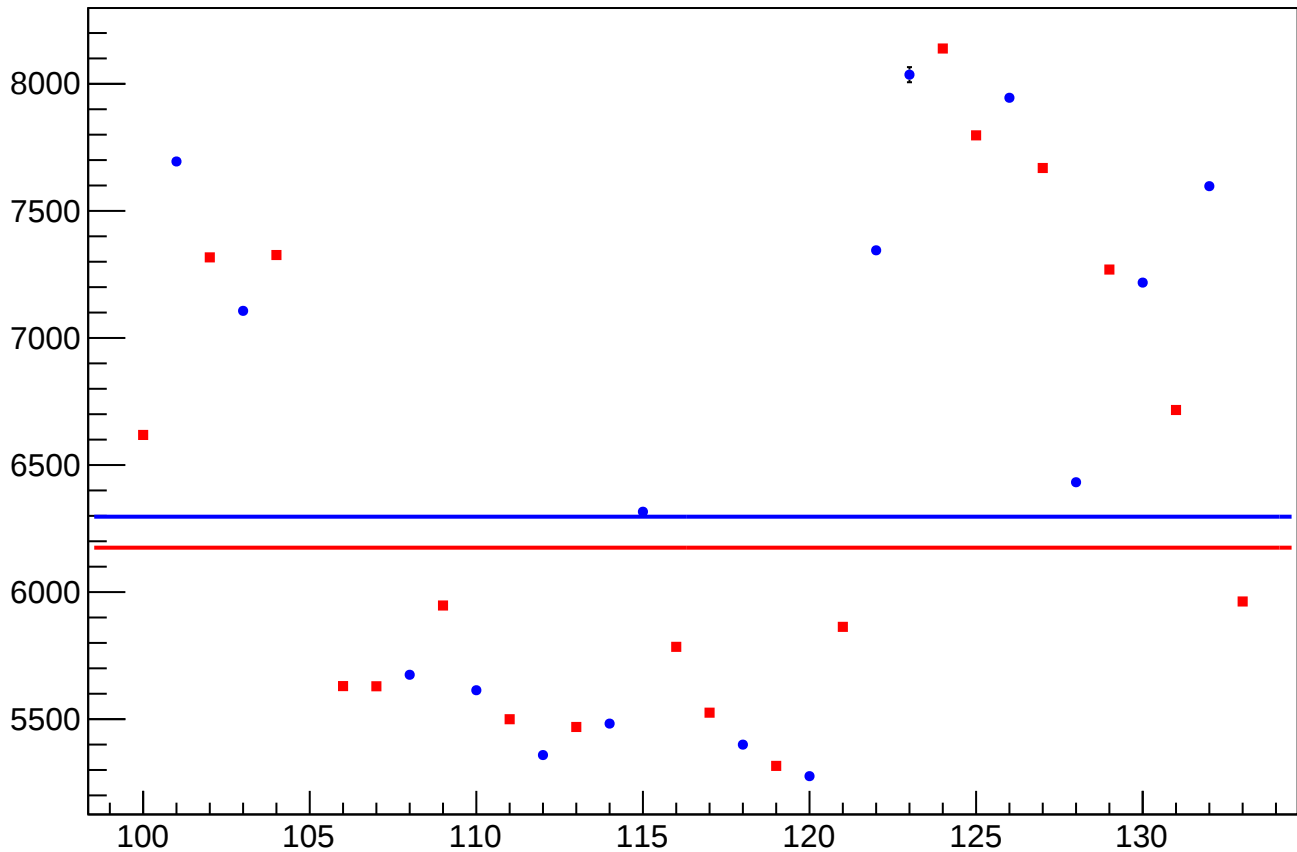
Right Out: -4.682 $\pm$ 2.445 χ^2 /NDF: 27.2/17

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

15.276 $\pm$ 2.673 χ^2 /NDF: 41.1/14

-4.682 $\pm$ 2.445 χ^2 /NDF: 27.2/17

diff_bpm0l06X_rms vs Slug



Right In: 6296.722 $\pm$ 1.890 χ^2 /NDF: 253208.6/14

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

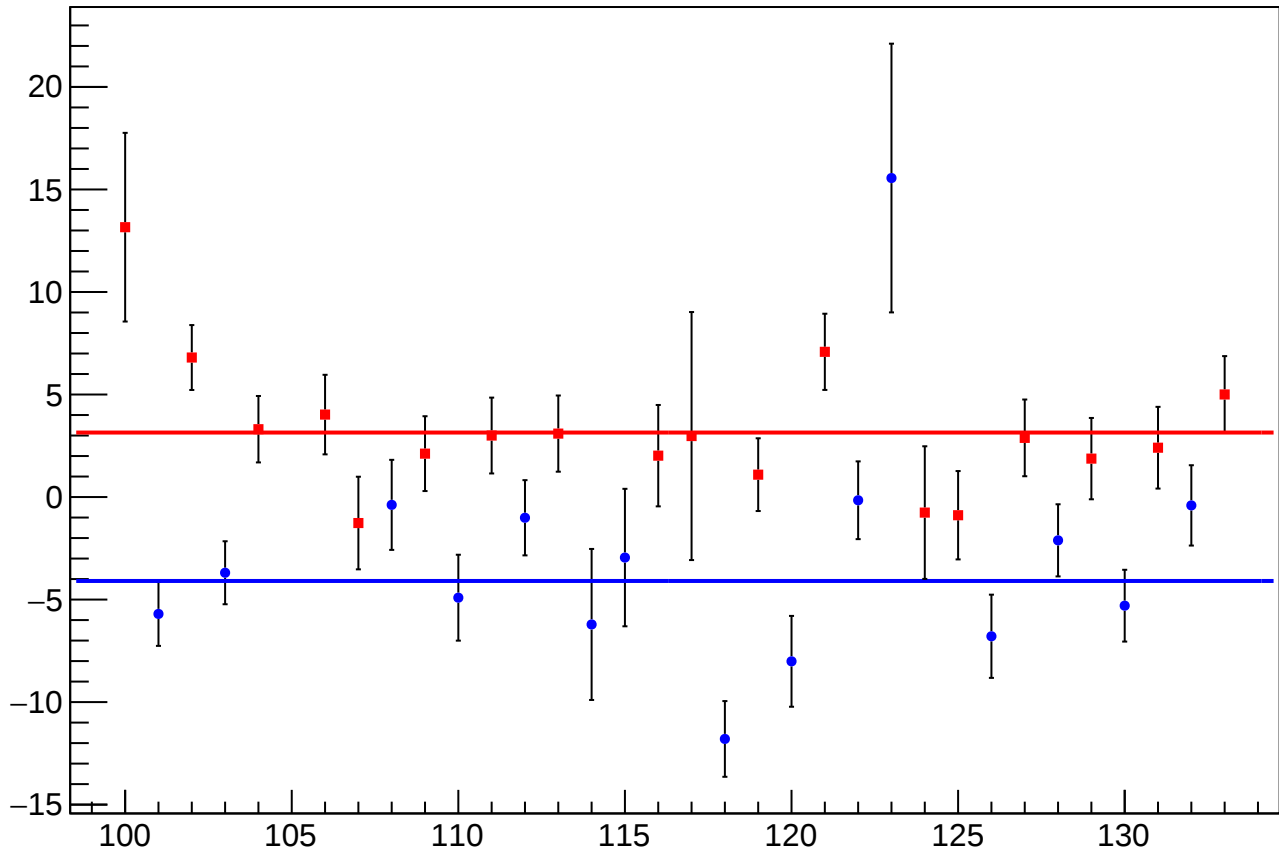
Right Out: 6174.807 $\pm$ 1.729 χ^2 /NDF: 229498.6/17

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

6296.722 $\pm$ 1.890 χ^2 /NDF: 253208.6/14

6174.807 $\pm$ 1.729 χ^2 /NDF: 229498.6/17

diff_bpm0l06Y_mean vs Slug



Right In: -4.093+/-0.521 χ^2/NDF : 48.3/14

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

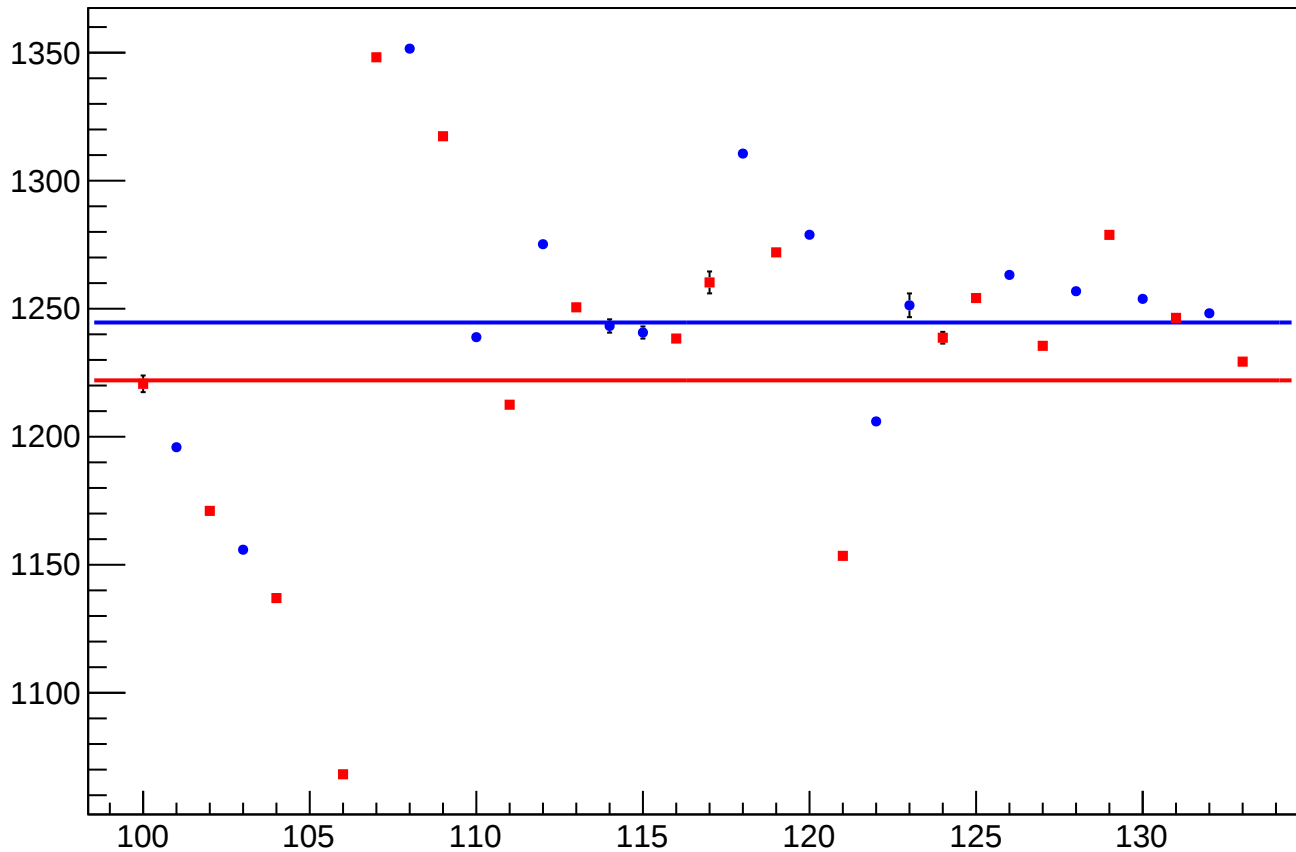
Right Out: 3.145+/-0.479 χ^2/NDF : 27.0/17

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

-4.093+/-0.521 χ^2/NDF : 48.3/14

3.145+/-0.479 χ^2/NDF : 27.0/17

diff_bpm0l06Y_rms vs Slug



Right In: 1244.621+/-0.368 χ^2/NDF : 18137.0/14

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

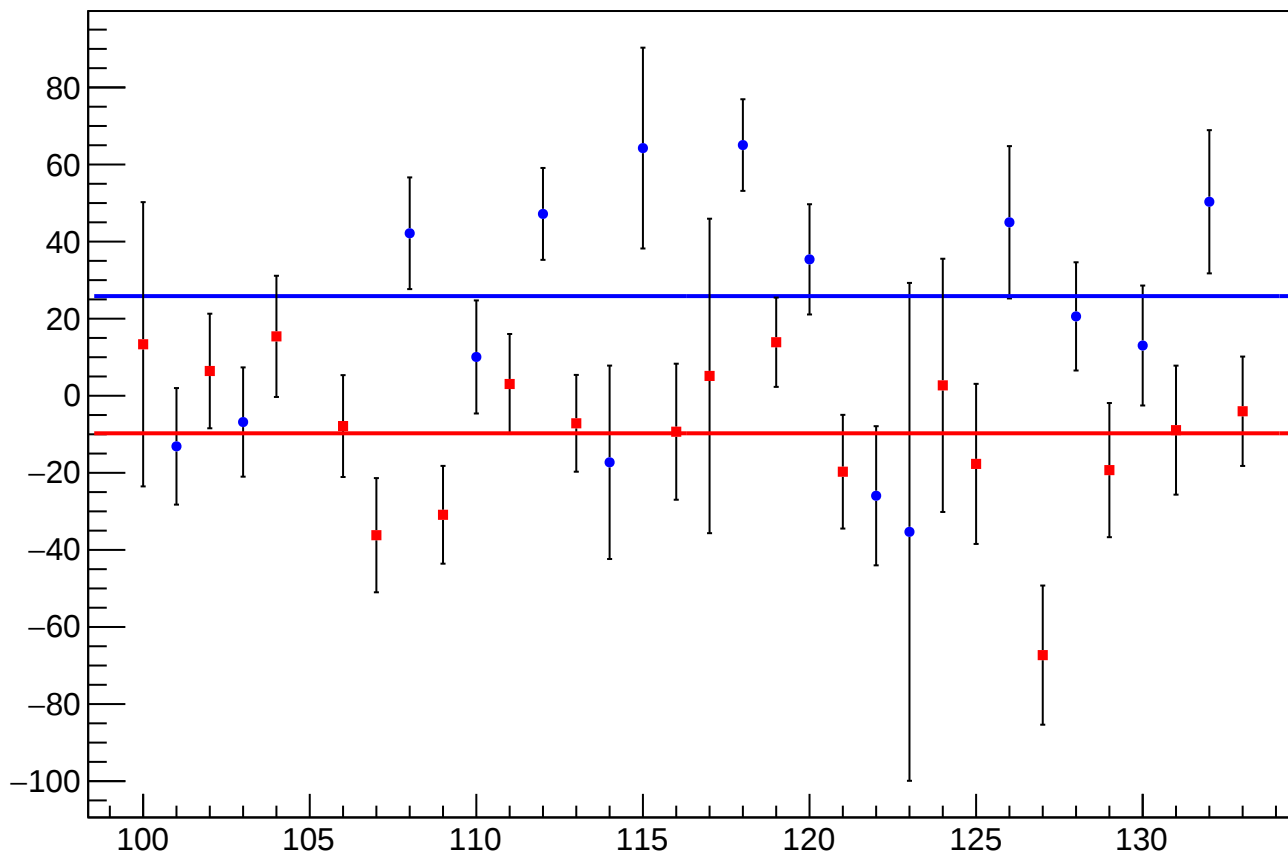
Right Out: 1222.018+/-0.339 χ^2/NDF : 39437.5/17

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

1244.621+/-0.368 χ^2/NDF : 18137.0/14

1222.018+/-0.339 χ^2/NDF : 39437.5/17

diff_bpm0l07X_mean vs Slug



Right In: 25.856+/-4.124 χ^2 /NDF: 46.6/14

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

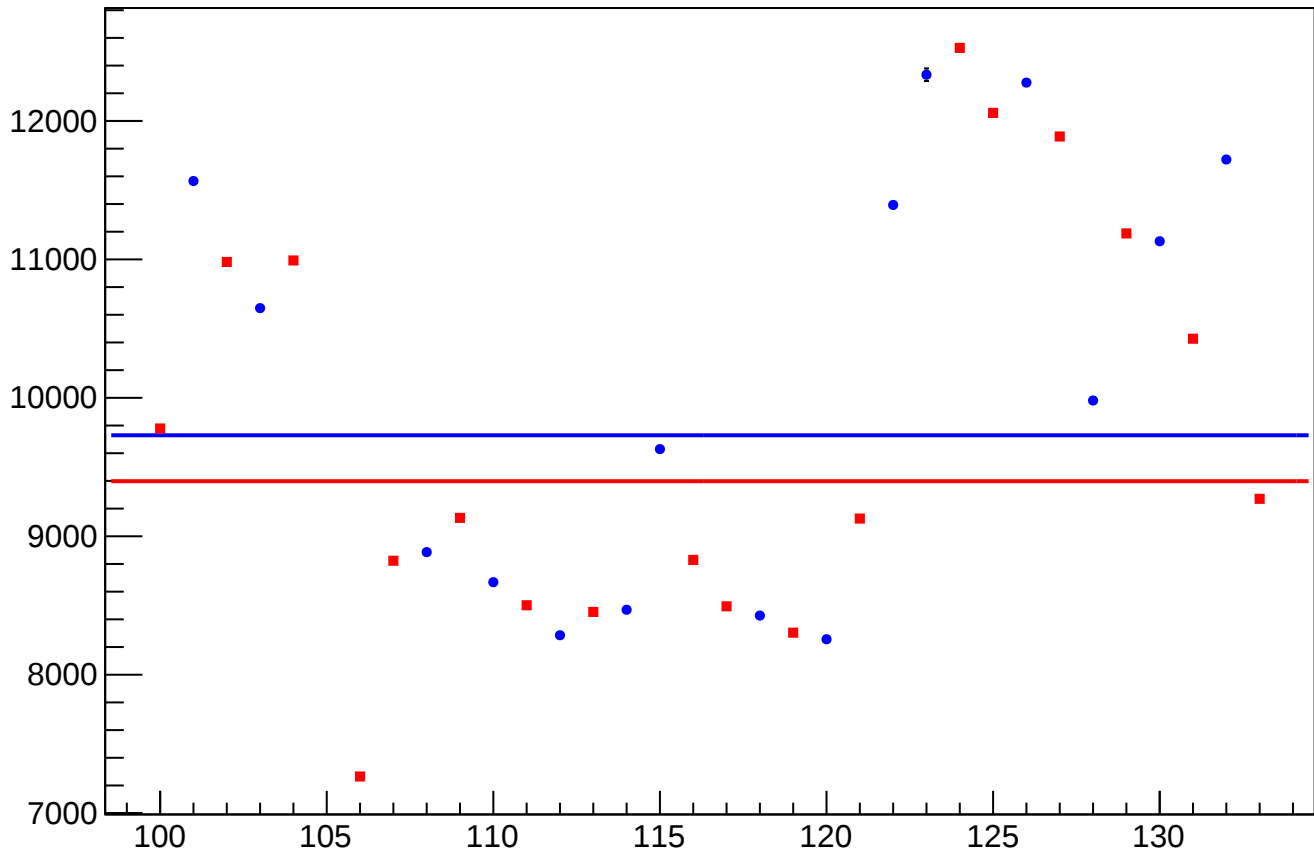
Right Out: -9.742+/-3.725 χ^2 /NDF: 26.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

25.856+/-4.124 χ^2 /NDF: 46.6/14

-9.742+/-3.725 χ^2 /NDF: 26.8/17

diff_bpm0l07X_rms vs Slug



Right In: 9729.692 $\pm$ 2.916 χ^2 /NDF: 228137.7/14

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

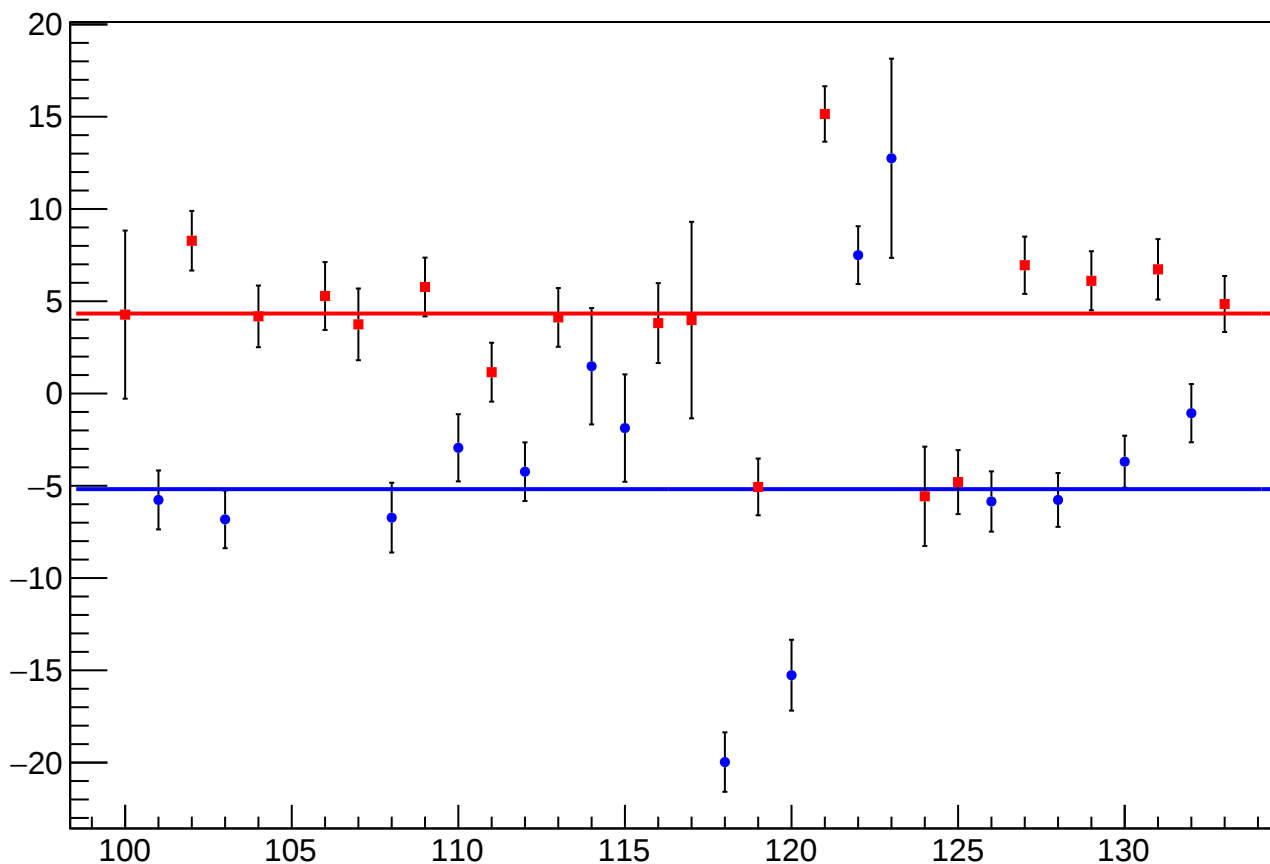
9729.692 $\pm$ 2.916 χ^2 /NDF: 228137.7/14

Right Out: 9398.014 $\pm$ 2.634 χ^2 /NDF: 259732.2/17

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

9398.014 $\pm$ 2.634 χ^2 /NDF: 259732.2/17

diff_bpm0l07Y_mean vs Slug



Right In: -5.183+/-0.454 χ^2/NDF : 206.1/14

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

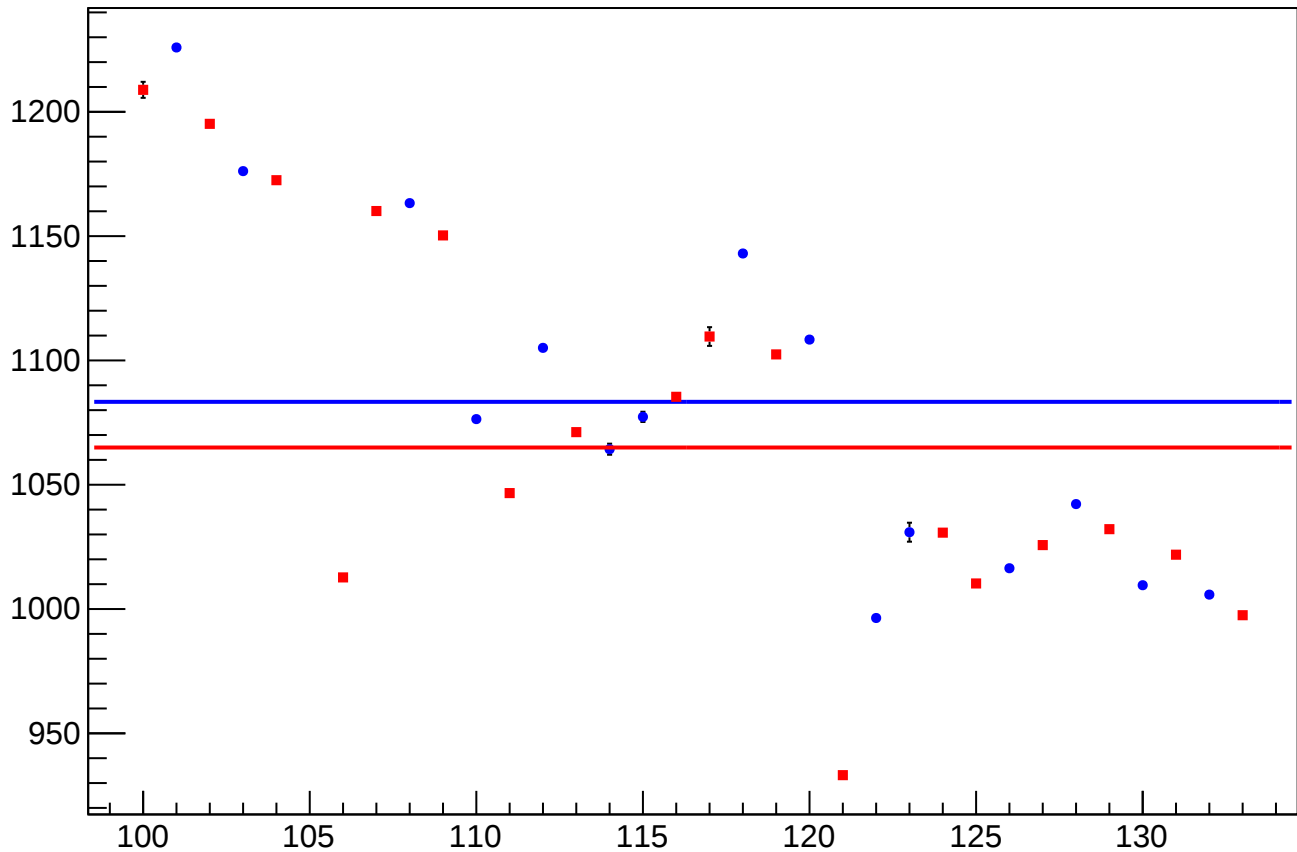
Right Out: 4.334+/-0.418 χ^2/NDF : 147.9/17

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

-5.183+/-0.454 χ^2/NDF : 206.1/14

4.334+/-0.418 χ^2/NDF : 147.9/17

diff_bpm0l07Y_rms vs Slug



Right In: 1083.346+/-0.321 χ^2/NDF : 51718.5/14

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

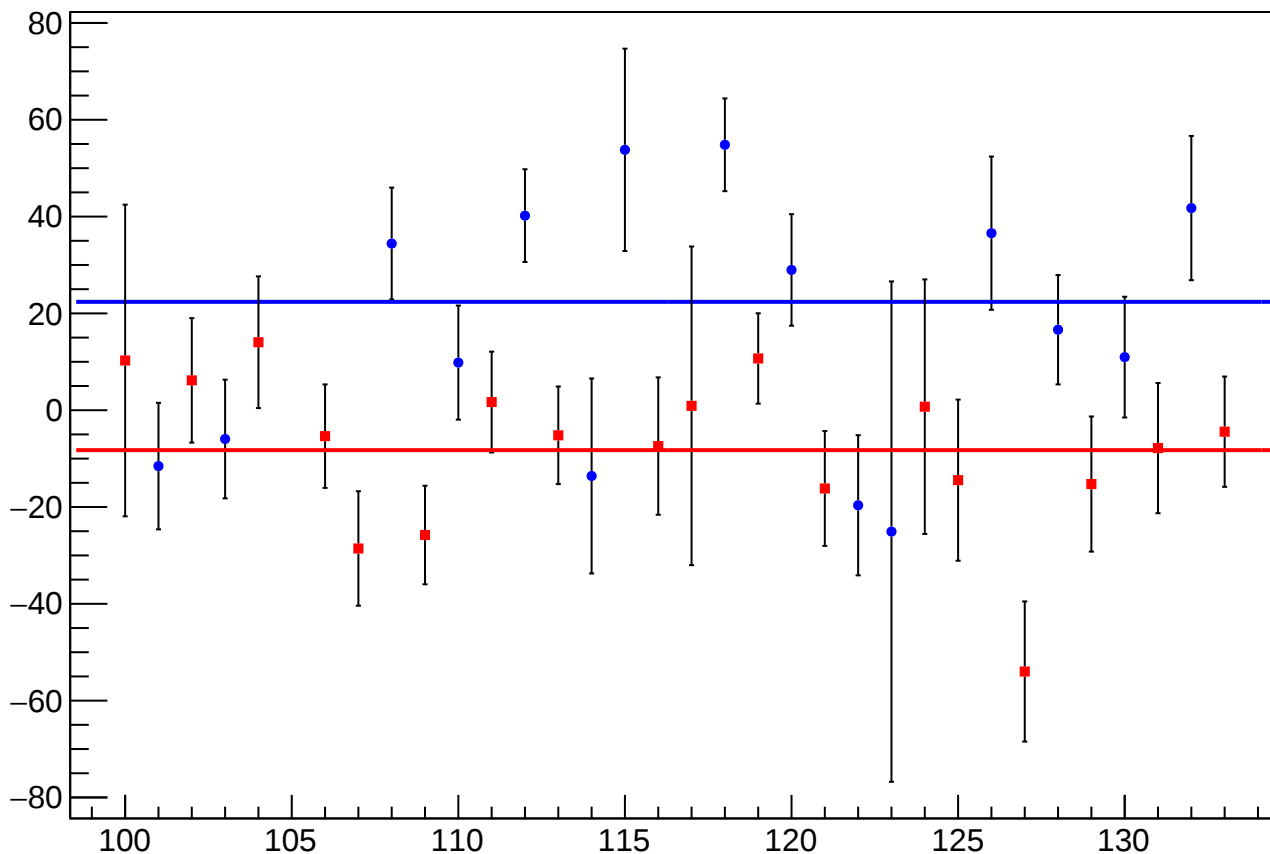
Right Out: 1064.974+/-0.295 χ^2/NDF : 62359.4/17

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

1083.346+/-0.321 χ^2/NDF : 51718.5/14

1064.974+/-0.295 χ^2/NDF : 62359.4/17

diff_bpm0l08X_mean vs Slug



Right In: 22.387+/-3.349 χ^2 /NDF: 47.9/14

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

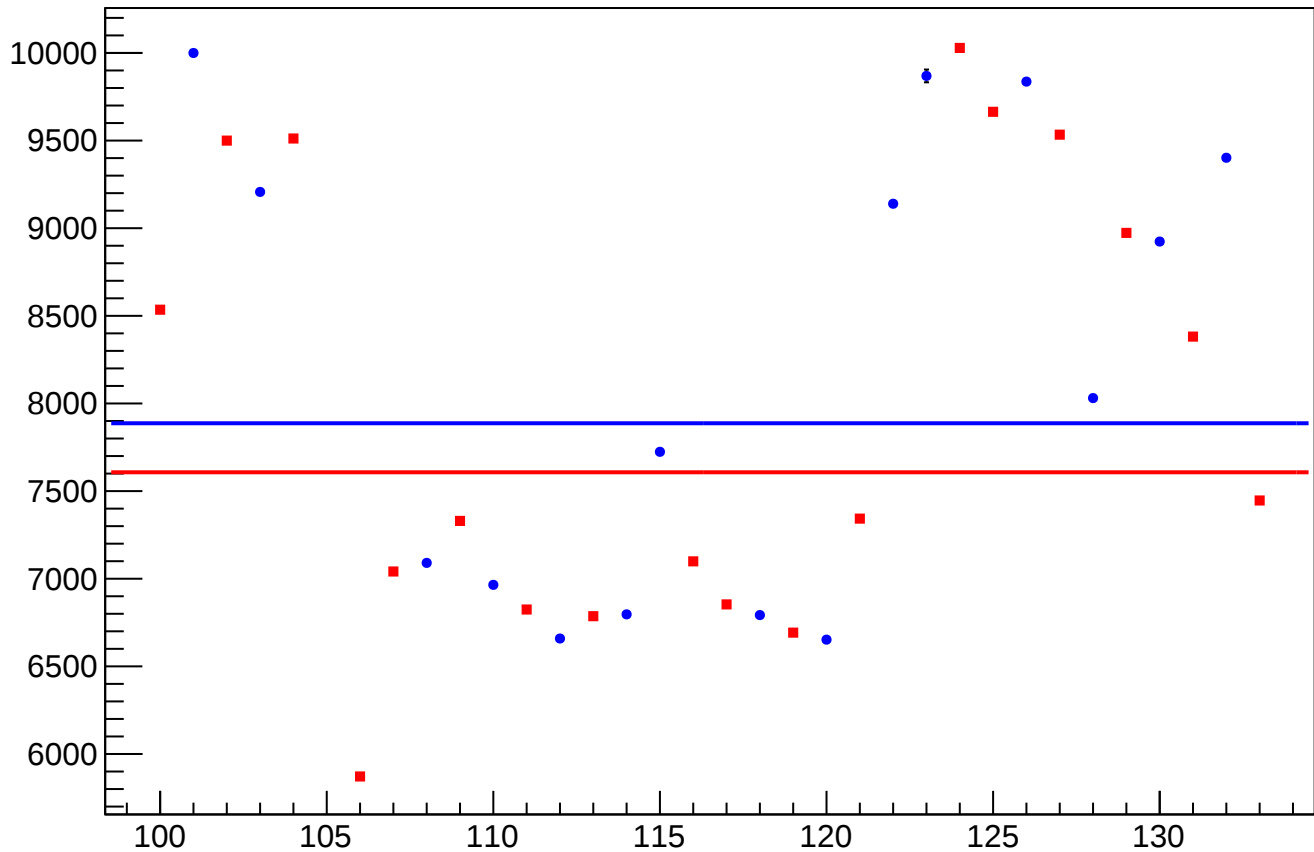
Right Out: -8.253+/-3.020 χ^2 /NDF: 26.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.387+/-3.349 χ^2 /NDF: 47.9/14

-8.253+/-3.020 χ^2 /NDF: 26.5/17

diff_bpm0l08X_rms vs Slug



Right In: 7887.042 $\pm$ 2.368 χ^2 /NDF: 268097.8/14

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

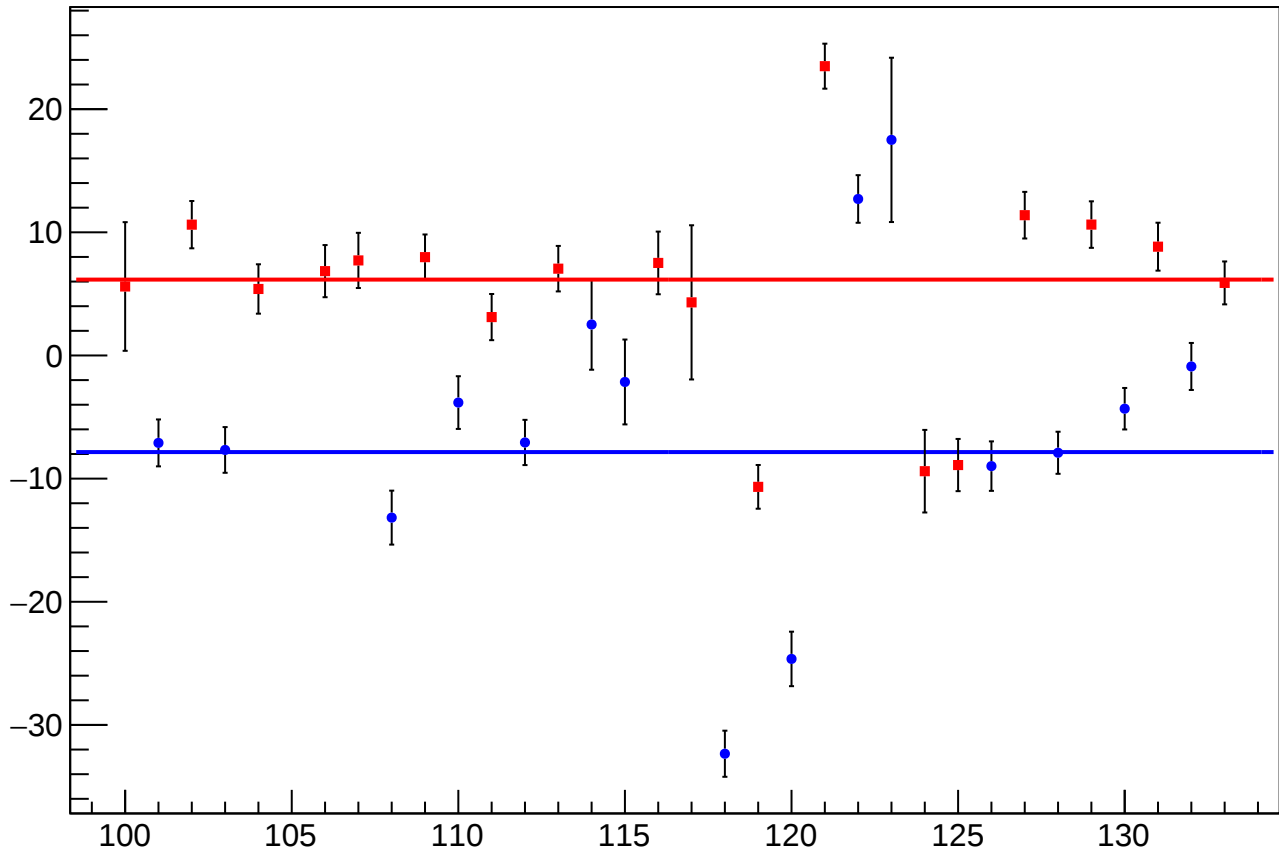
7887.042 $\pm$ 2.368 χ^2 /NDF: 268097.8/14

Right Out: 7607.345 $\pm$ 2.135 χ^2 /NDF: 300408.7/17

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

7607.345 $\pm$ 2.135 χ^2 /NDF: 300408.7/17

diff_bpm0l08Y_mean vs Slug



Right In: -7.844+/-0.539 χ^2/NDF : 394.7/14

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

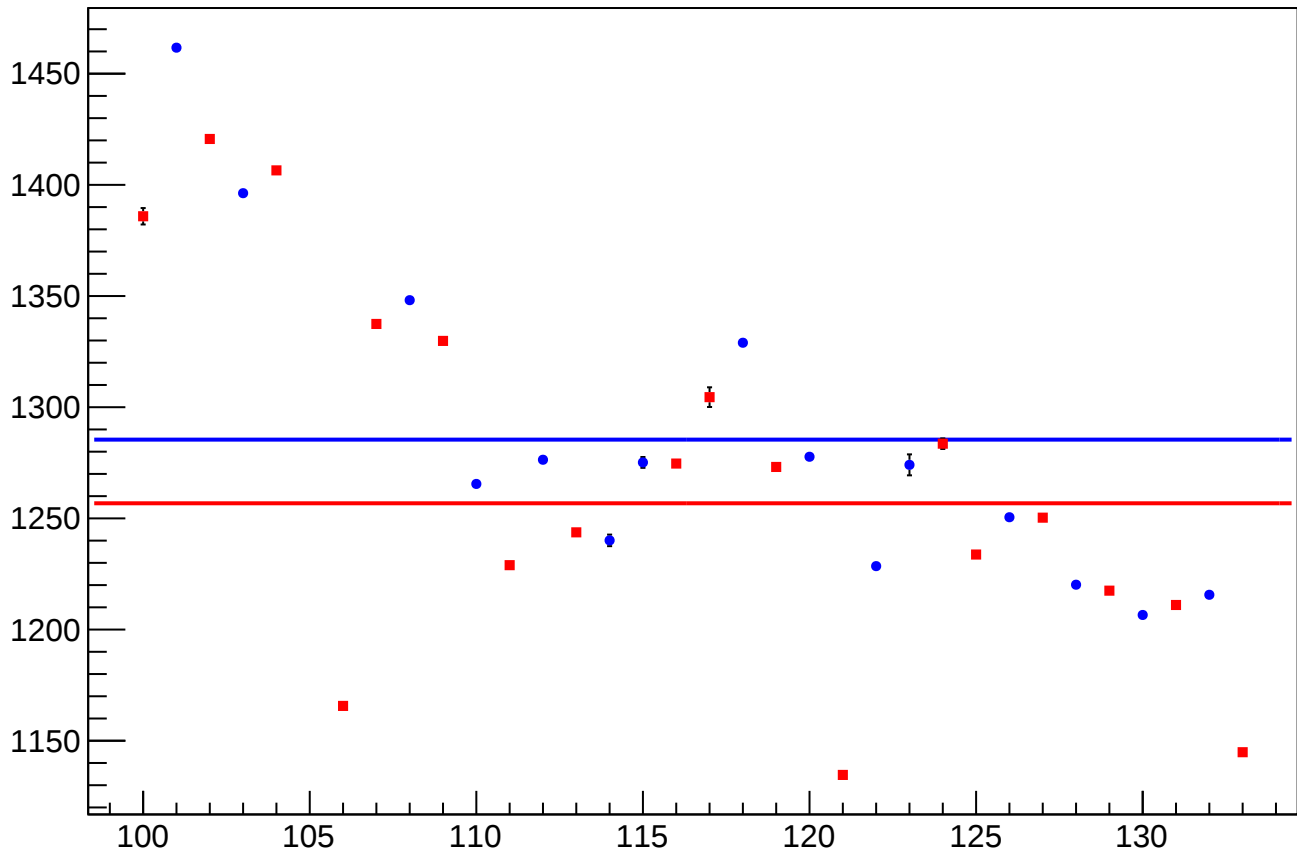
Right Out: 6.161+/-0.493 χ^2/NDF : 277.2/17

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

-7.844+/-0.539 χ^2/NDF : 394.7/14

6.161+/-0.493 χ^2/NDF : 277.2/17

diff_bpm0l08Y_rms vs Slug



Right In: 1285.424+/-0.381 χ^2/NDF : 39863.2/14

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

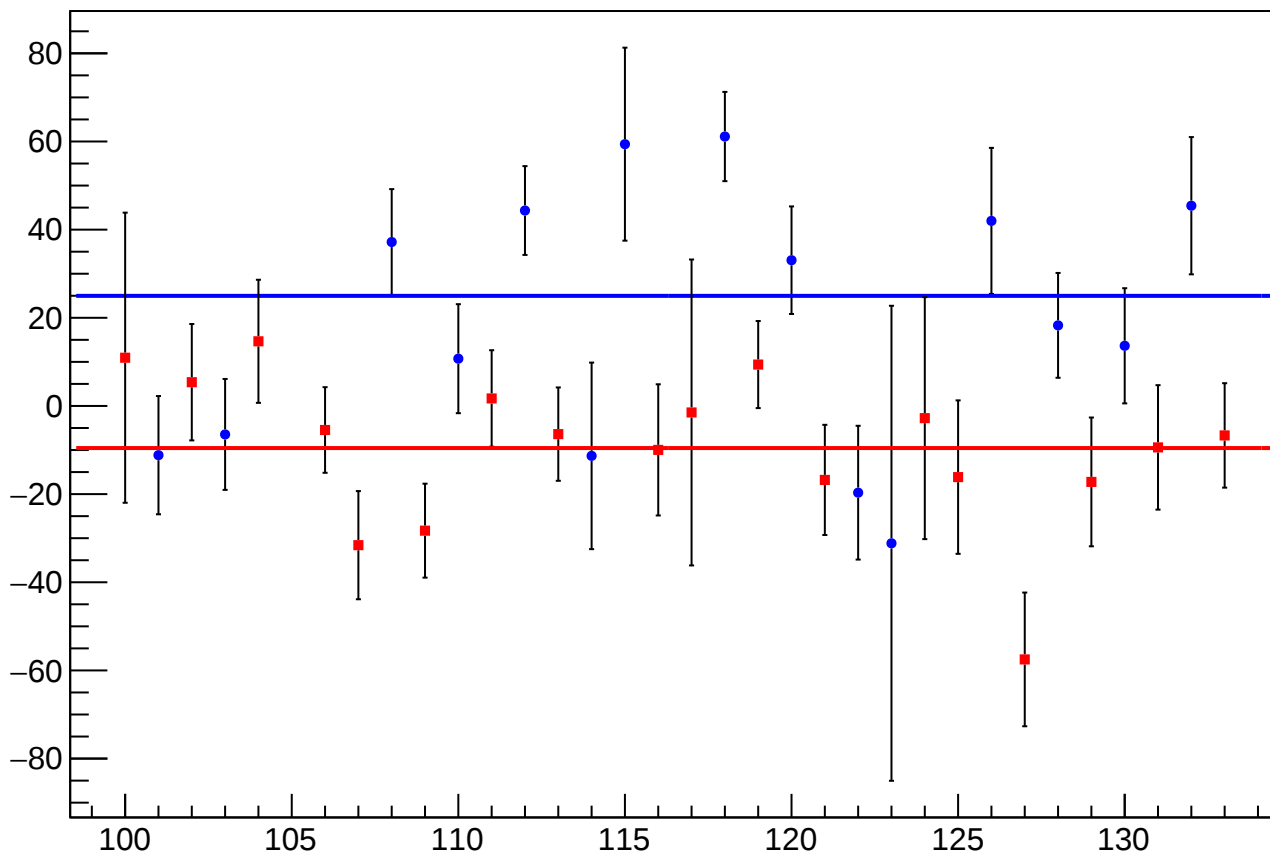
1285.424+/-0.381 χ^2/NDF : 39863.2/14

Right Out: 1256.793+/-0.349 χ^2/NDF : 56852.2/17

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

1256.793+/-0.349 χ^2/NDF : 56852.2/17

diff_bpm0l09X_mean vs Slug



Right In: 24.979+/-3.505 χ^2/NDF : 51.8/14

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

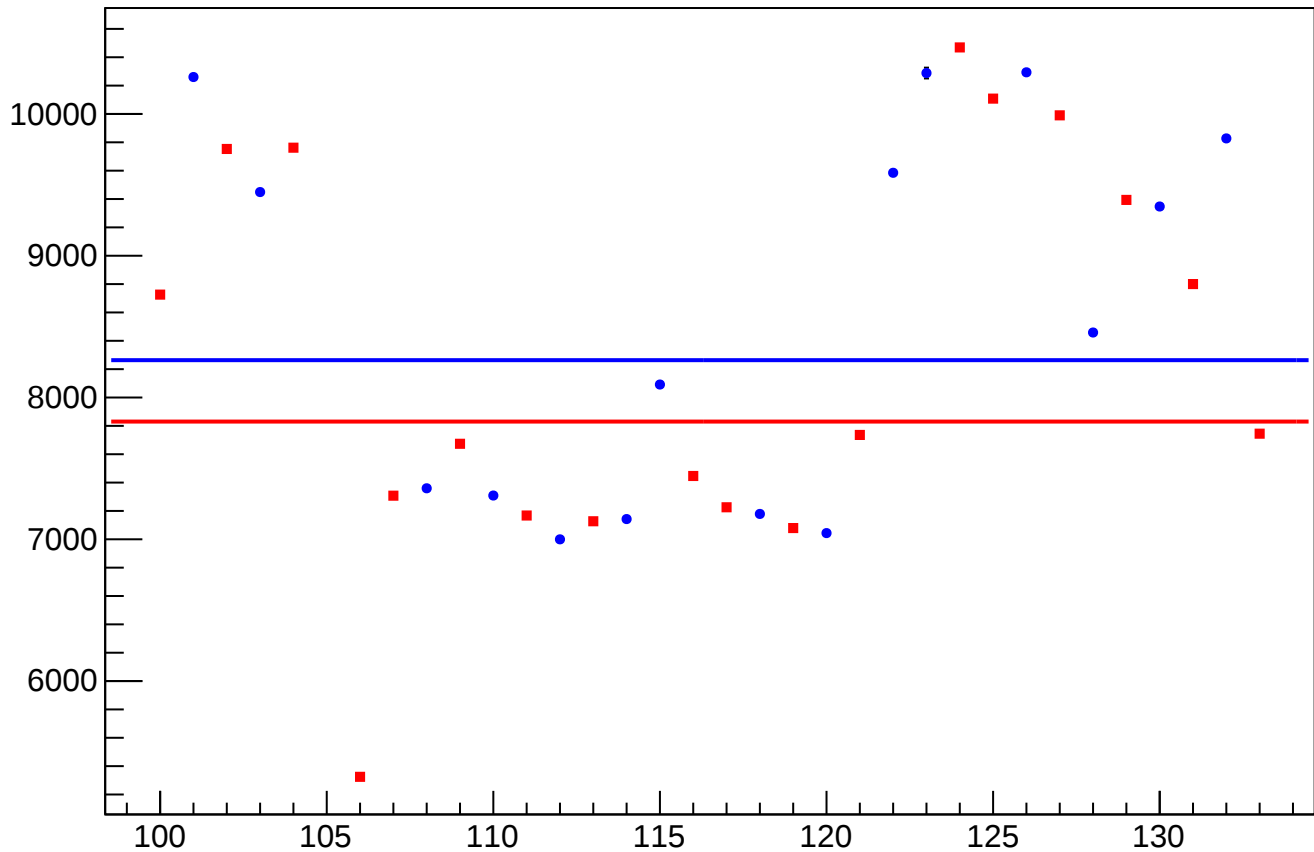
Right Out: -9.551+/-3.117 χ^2/NDF : 26.9/17

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

24.979+/-3.505 χ^2/NDF : 51.8/14

-9.551+/-3.117 χ^2/NDF : 26.9/17

diff_bpm0l09X_rms vs Slug



Right In: 8263.406 $\pm$ 2.479 χ^2 /NDF: 248033.6/14

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

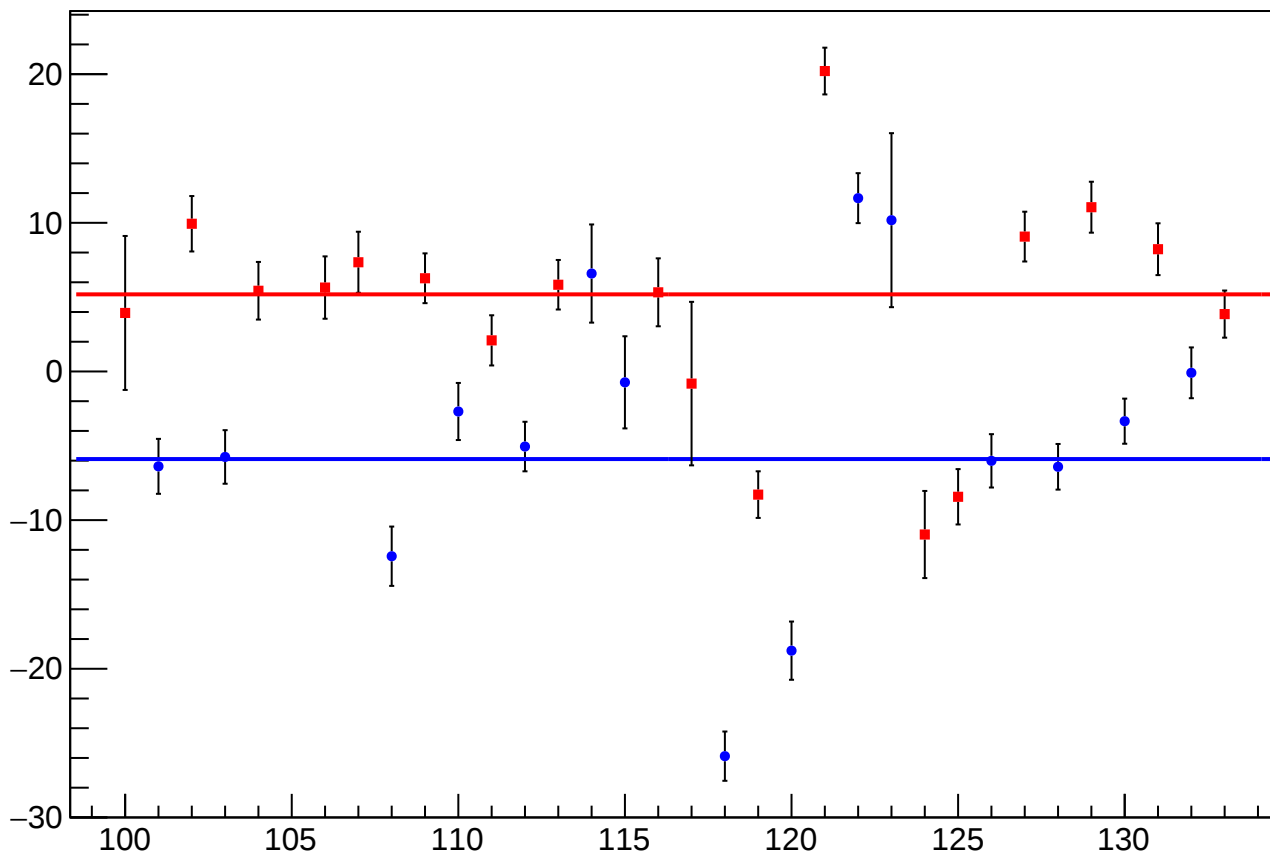
8263.406 $\pm$ 2.479 χ^2 /NDF: 248033.6/14

Right Out: 7830.342 $\pm$ 2.204 χ^2 /NDF: 374879.7/17

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

7830.342 $\pm$ 2.204 χ^2 /NDF: 374879.7/17

diff_bpm0l09Y_mean vs Slug



Right In: -5.893+/-0.488 χ^2/NDF : 350.6/14

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

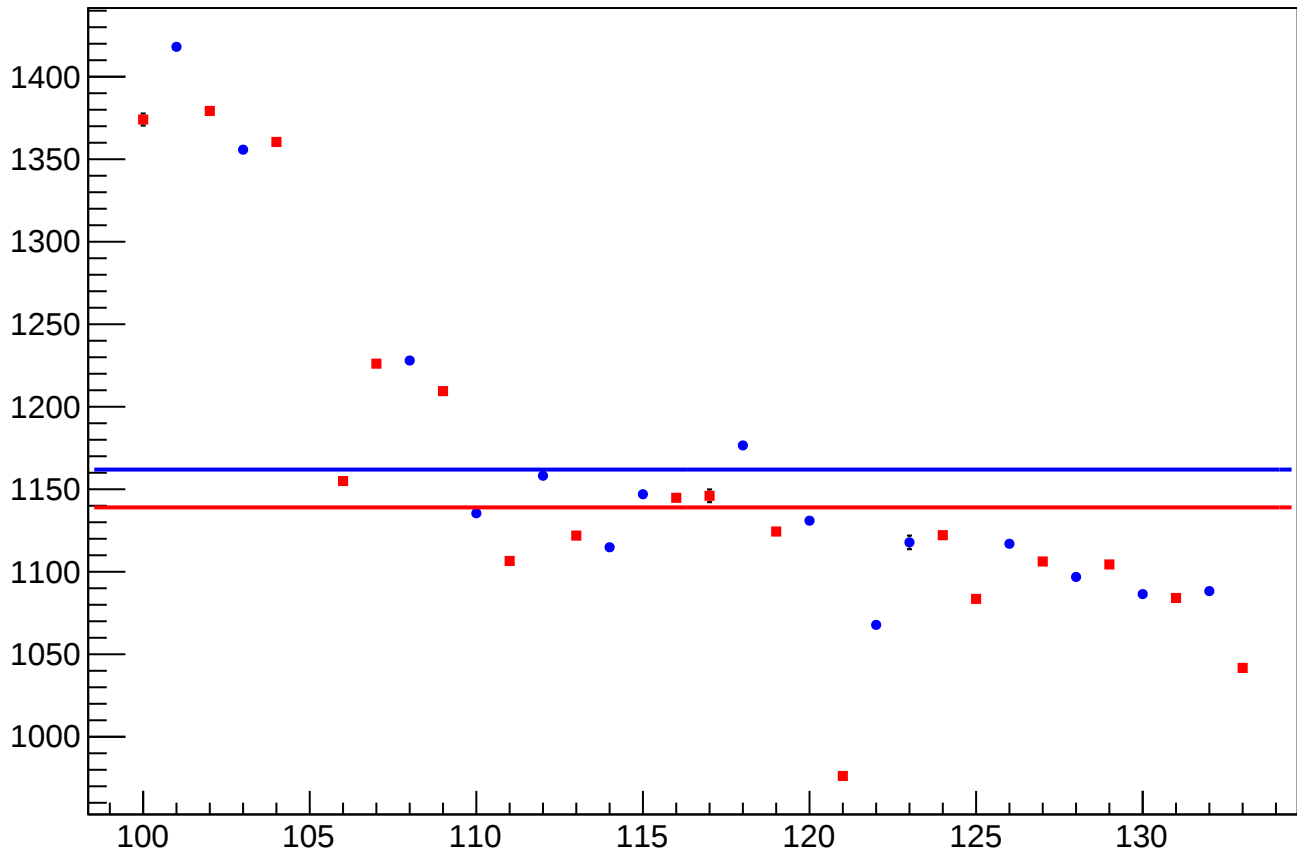
Right Out: 5.188+/-0.448 χ^2/NDF : 282.6/17

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

-5.893+/-0.488 χ^2/NDF : 350.6/14

5.188+/-0.448 χ^2/NDF : 282.6/17

diff_bpm0l09Y_rms vs Slug



Right In: 1161.929+/-0.345 χ^2/NDF : 85163.4/14

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

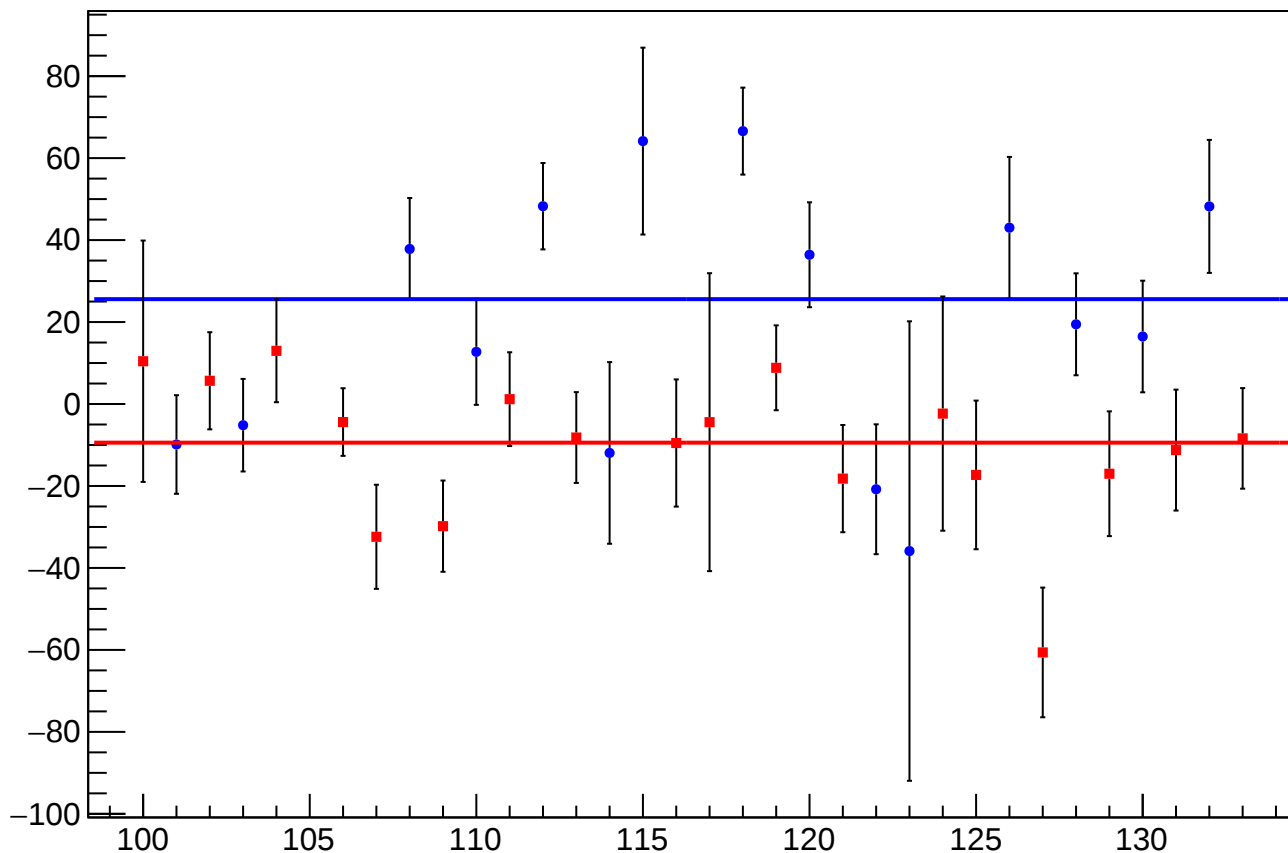
Right Out: 1139.015+/-0.317 χ^2/NDF : 106168.4/17

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

1161.929+/-0.345 χ^2/NDF : 85163.4/14

1139.015+/-0.317 χ^2/NDF : 106168.4/17

diff_bpm0l10X_mean vs Slug



Right In: 25.585 $\pm$ 3.570 χ^2 /NDF: 57.5/14

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

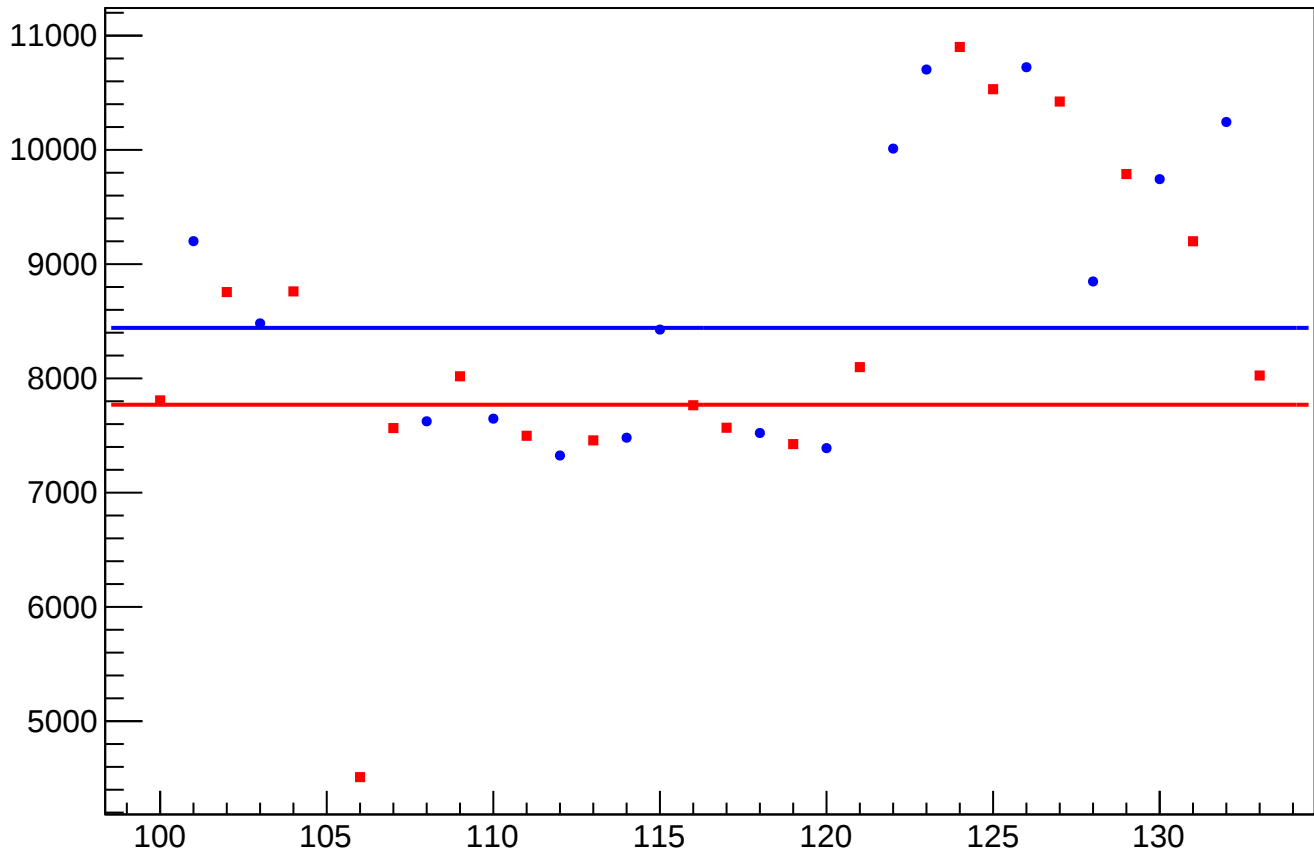
Right Out: -9.430 $\pm$ 3.112 χ^2 /NDF: 27.7/17

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

25.585 $\pm$ 3.570 χ^2 /NDF: 57.5/14

-9.430 $\pm$ 3.112 χ^2 /NDF: 27.7/17

diff_bpm0l10X_rms vs Slug



Right In: 8442.221+/-2.524 χ^2/NDF : 181856.9/14

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

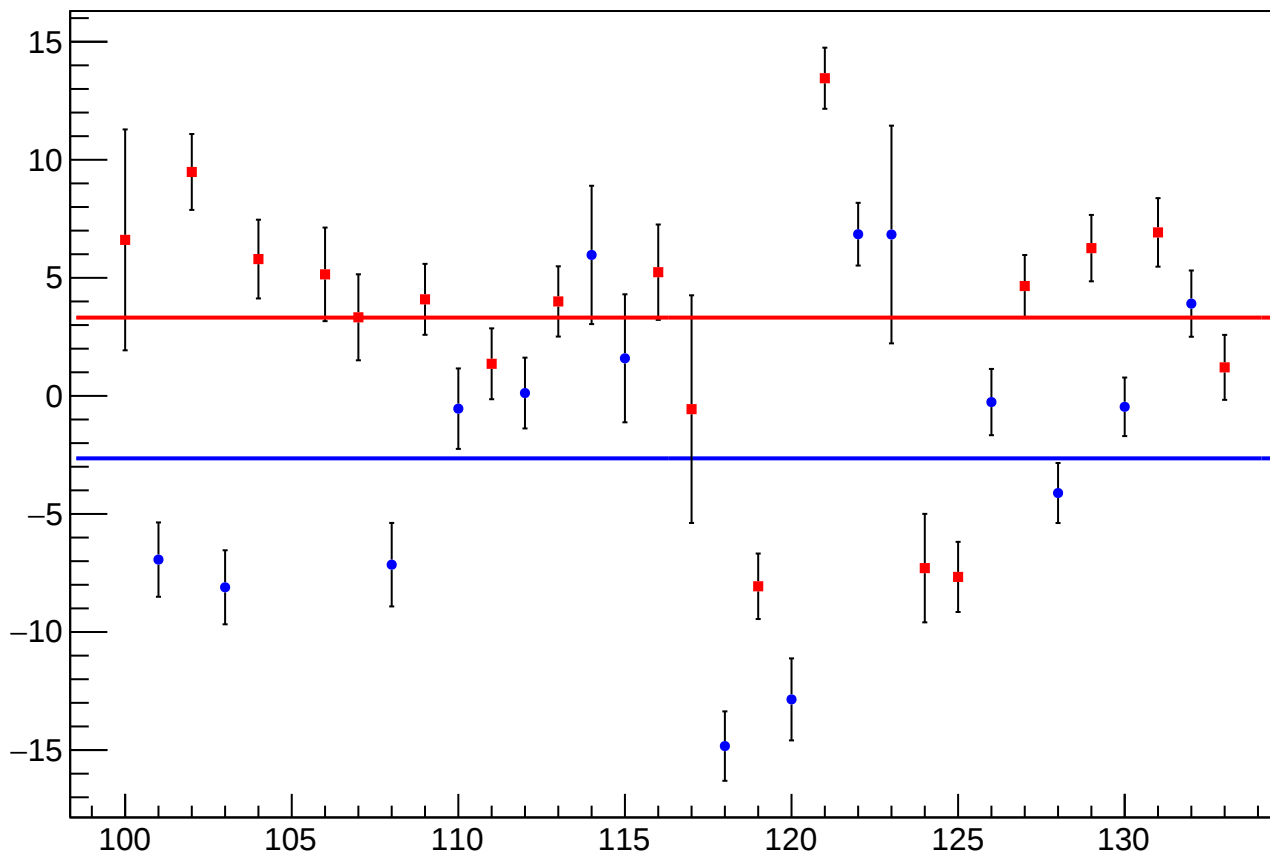
Right Out: 7769.565+/-2.201 χ^2/NDF : 527705.3/17

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

8442.221+/-2.524 χ^2/NDF : 181856.9/14

7769.565+/-2.201 χ^2/NDF : 527705.3/17

diff_bpm0l10Y_mean vs Slug



Right In: -2.645+/-0.413 χ^2/NDF : 229.7/14

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

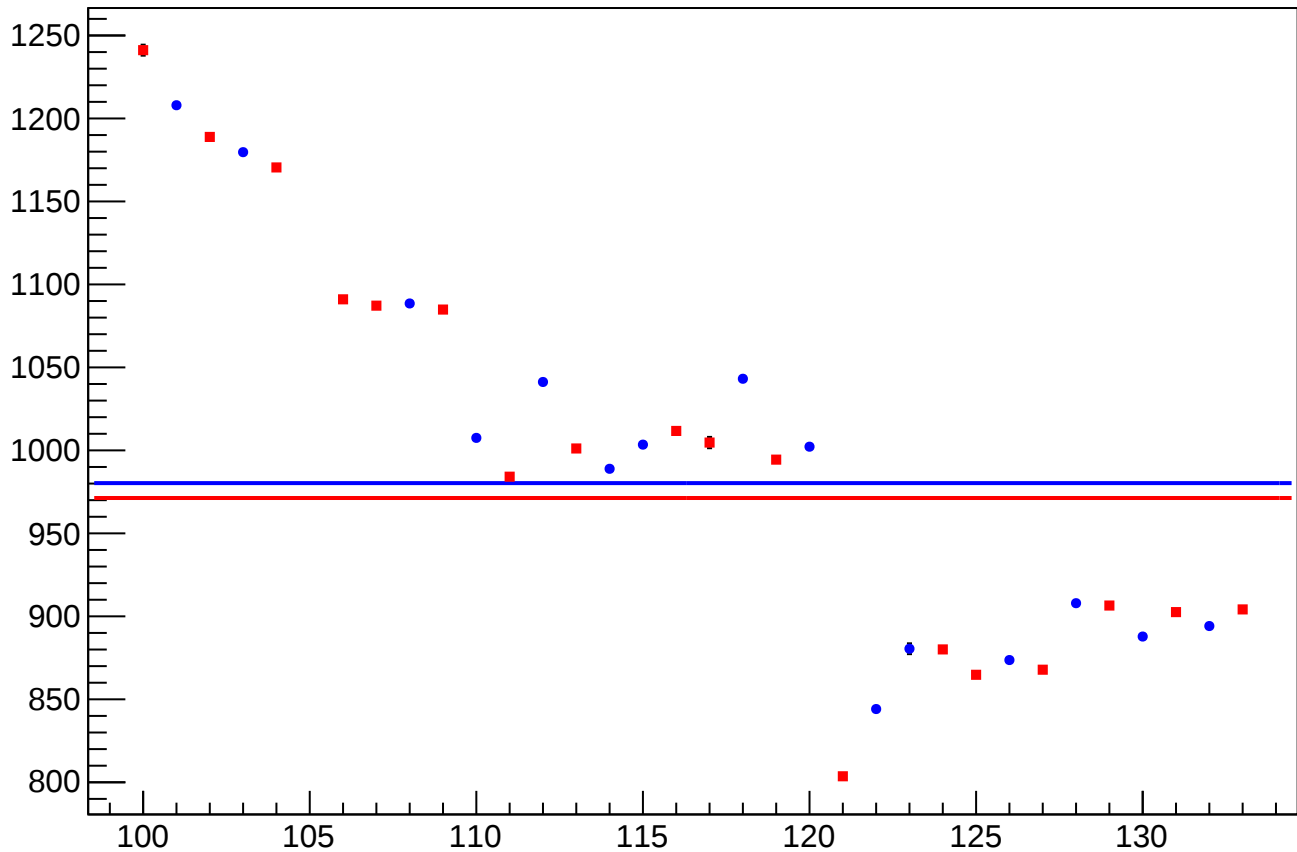
Right Out: 3.317+/-0.383 χ^2/NDF : 240.6/17

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

-2.645+/-0.413 χ^2/NDF : 229.7/14

3.317+/-0.383 χ^2/NDF : 240.6/17

diff_bpm0l10Y_rms vs Slug



Right In: 980.278+/-0.292 χ^2/NDF : 148275.6/14

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

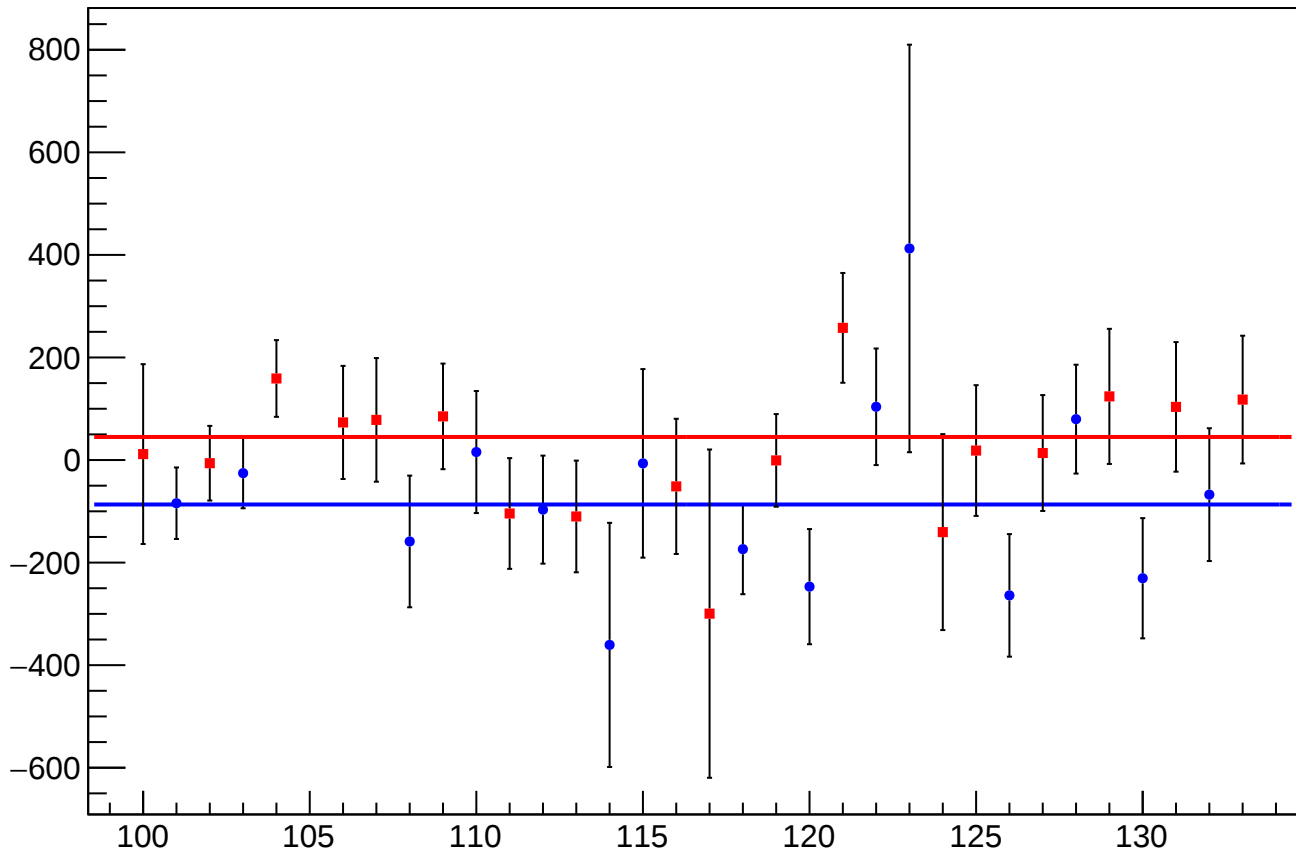
Right Out: 971.304+/-0.271 χ^2/NDF : 173975.7/17

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

980.278+/-0.292 χ^2/NDF : 148275.6/14

971.304+/-0.271 χ^2/NDF : 173975.7/17

diff_bpm0r03X_mean vs Slug



Right In: -86.694 $\pm$ 28.049 χ^2 /NDF: 17.0/14

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

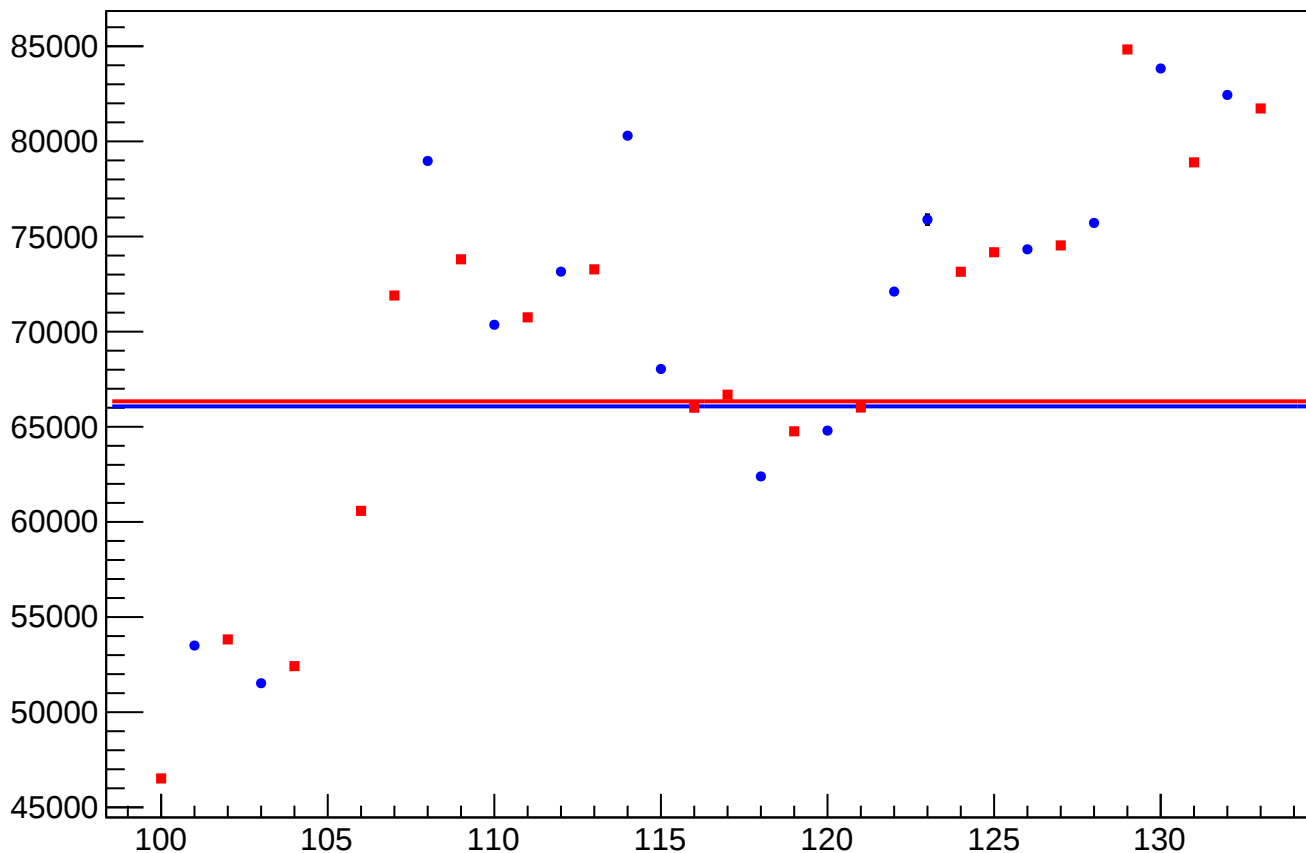
Right Out: 44.977 $\pm$ 26.311 χ^2 /NDF: 15.0/17

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

-86.694 $\pm$ 28.049 χ^2 /NDF: 17.0/14

44.977 $\pm$ 26.311 χ^2 /NDF: 15.0/17

diff_bpm0r03X_rms vs Slug



Right In: 66072.549 $\pm$ 19.833 χ^2 /NDF: 308972.7/14

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

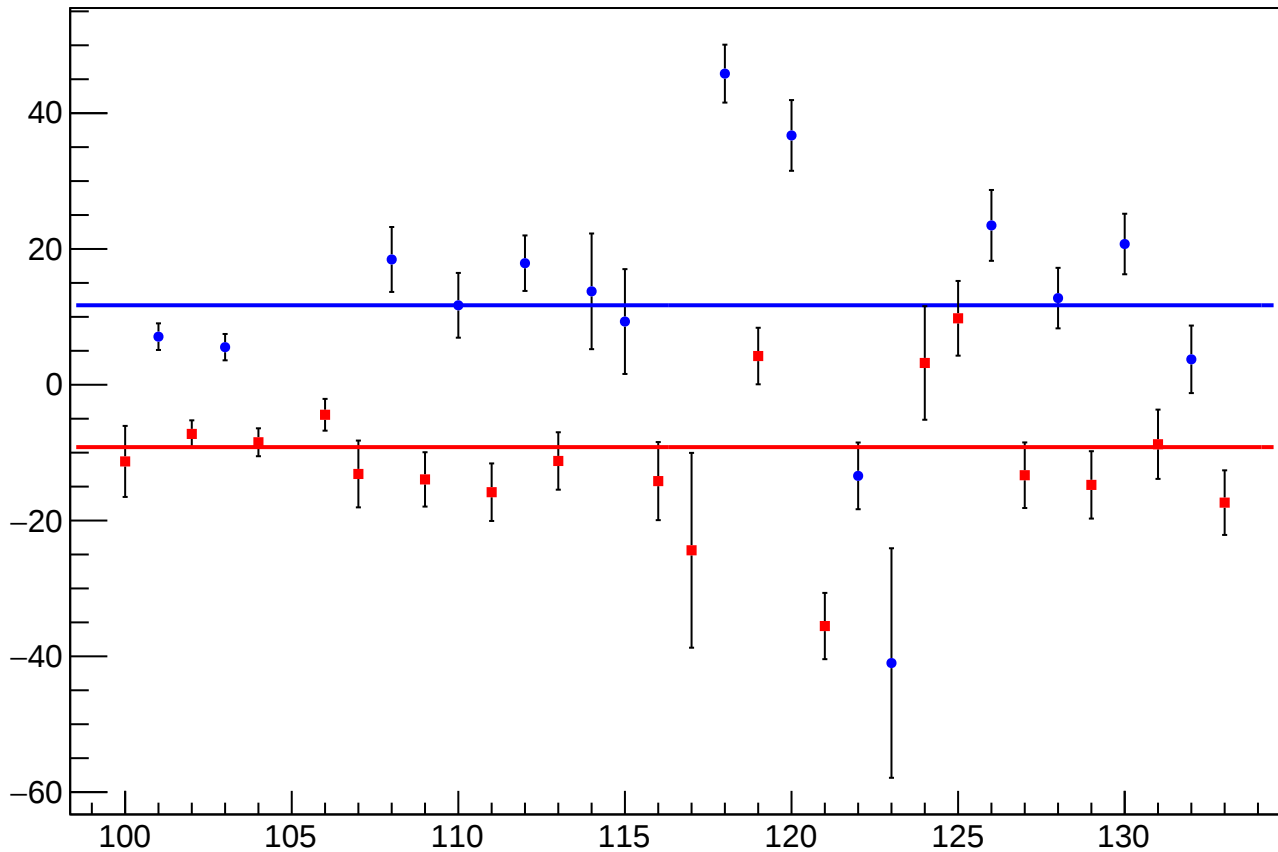
Right Out: 66338.375 $\pm$ 18.605 χ^2 /NDF: 296535.2/17

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

66072.549 $\pm$ 19.833 χ^2 /NDF: 308972.7/14

66338.375 $\pm$ 18.605 χ^2 /NDF: 296535.2/17

diff_bpm0r03Y_mean vs Slug



Right In: 11.708 $\pm$ 0.991 χ^2 /NDF: 154.8/14

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

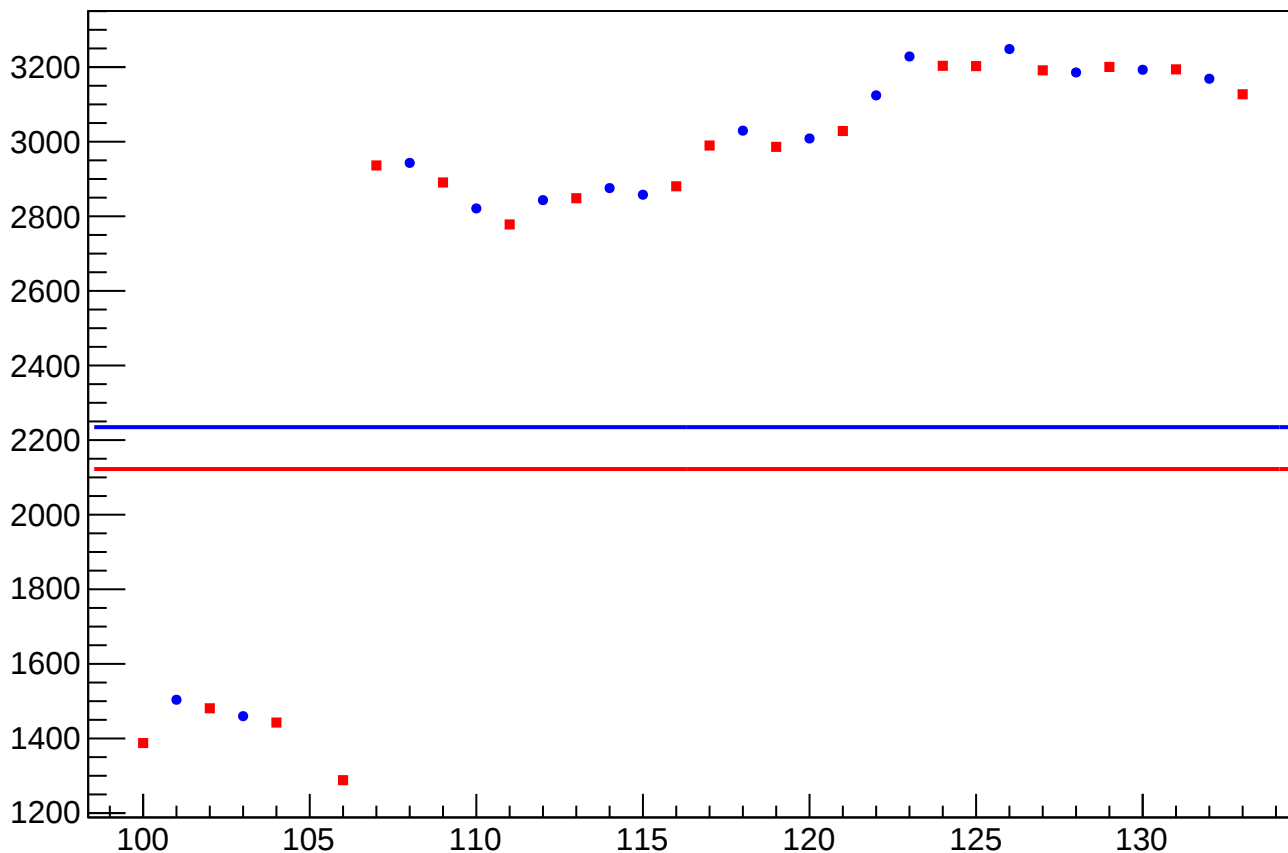
Right Out: -9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

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

11.708 $\pm$ 0.991 χ^2 /NDF: 154.8/14

-9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

diff_bpm0r03Y_rms vs Slug



Right In: 2234.709+/-0.701 χ^2 /NDF: 1255460.0/14

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

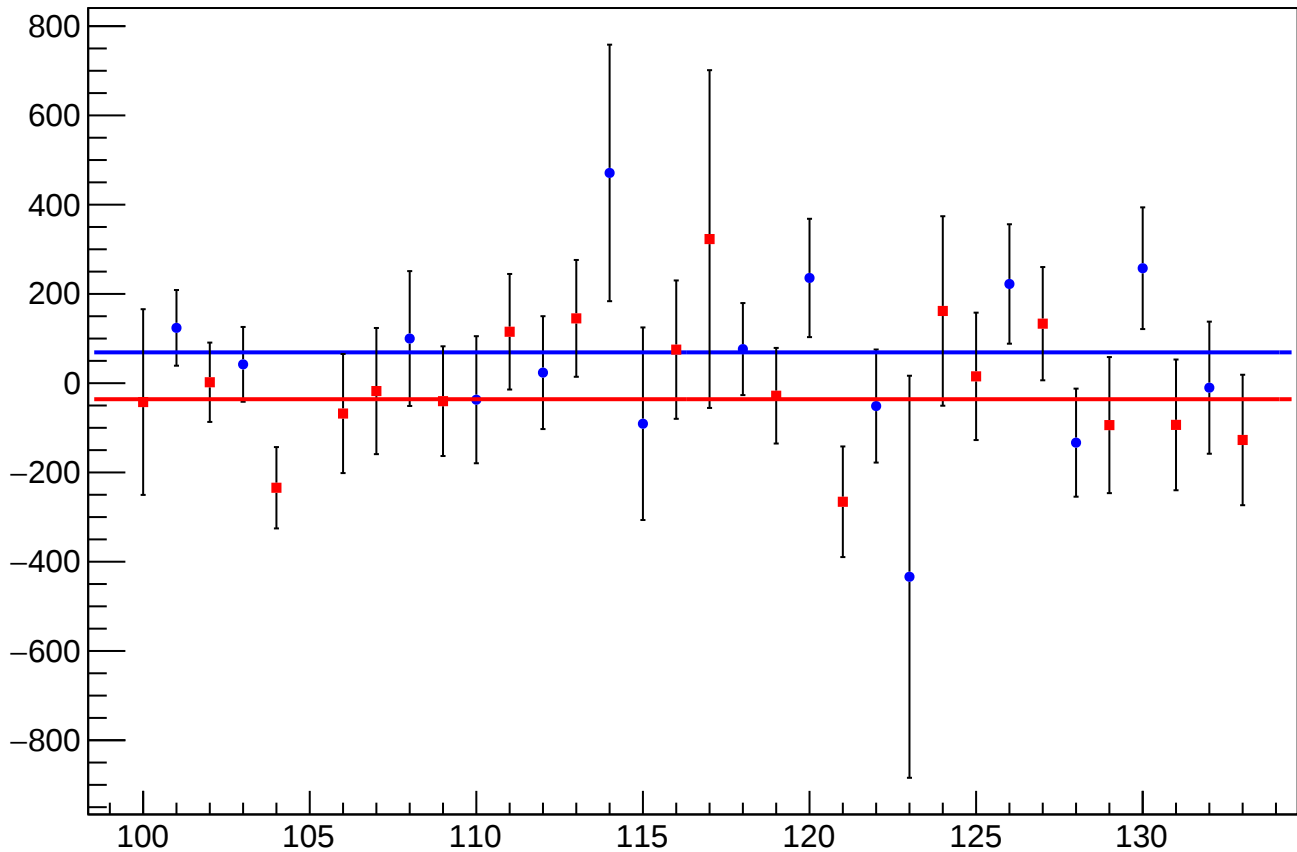
Right Out: 2122.422+/-0.628 χ^2 /NDF: 1629922.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2234.709+/-0.701 χ^2 /NDF: 1255460.0/14

2122.422+/-0.628 χ^2 /NDF: 1629922.7/17

diff_bpm0r05X_mean vs Slug



Right In: 69.074+/-33.103 χ^2/NDF : 13.8/14

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

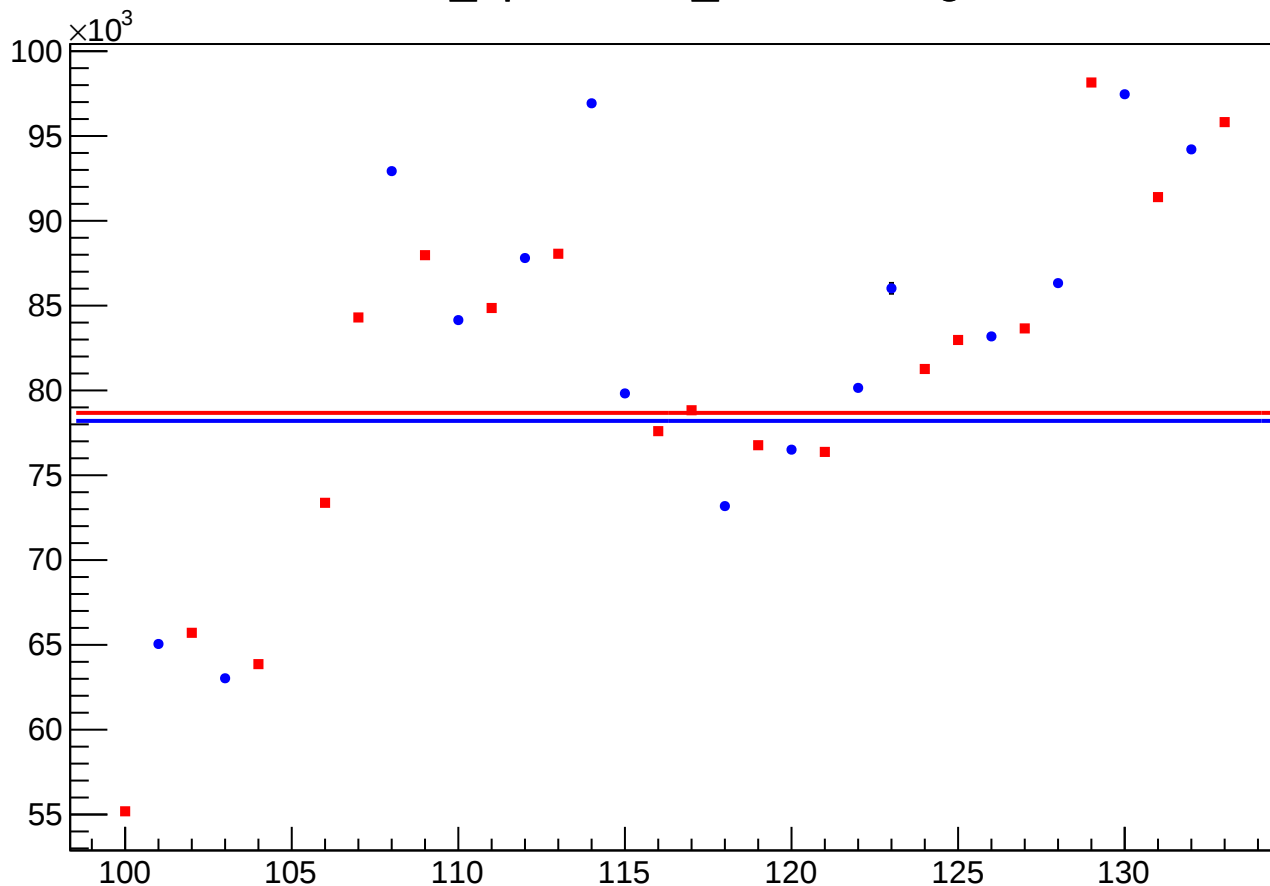
Right Out: -35.899+/-31.140 χ^2/NDF : 16.6/17

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

69.074+/-33.103 χ^2/NDF : 13.8/14

-35.899+/-31.140 χ^2/NDF : 16.6/17

diff_bpm0r05X_rms vs Slug



Right In: 78204.247 $\pm$ 23.408 χ^2 /NDF: 237527.3/14

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

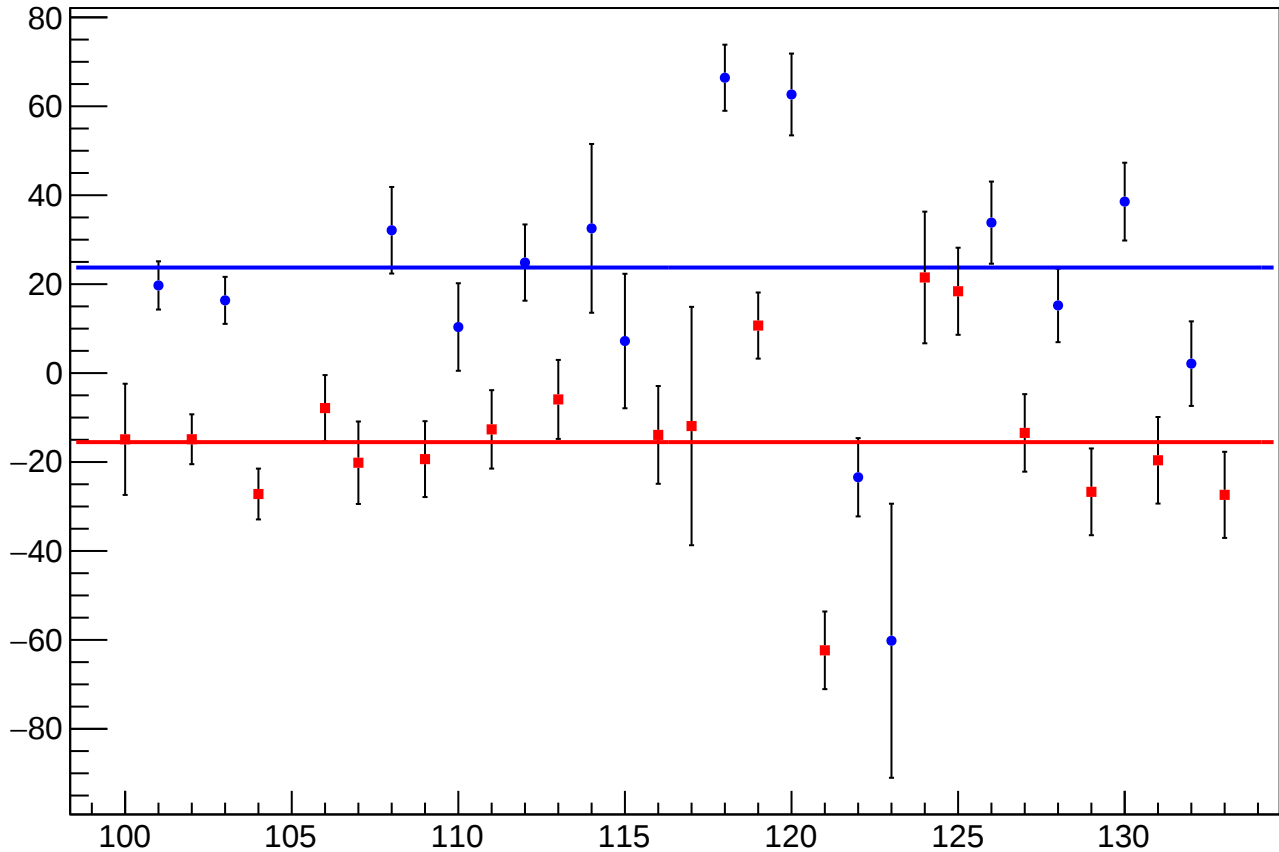
Right Out: 78677.001 $\pm$ 22.019 χ^2 /NDF: 235341.4/17

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

78204.247 $\pm$ 23.408 χ^2 /NDF: 237527.3/14

78677.001 $\pm$ 22.019 χ^2 /NDF: 235341.4/17

diff_bpm0r05Y_mean vs Slug



Right In: 23.740 $\pm$ 2.204 χ^2 /NDF: 103.8/14

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

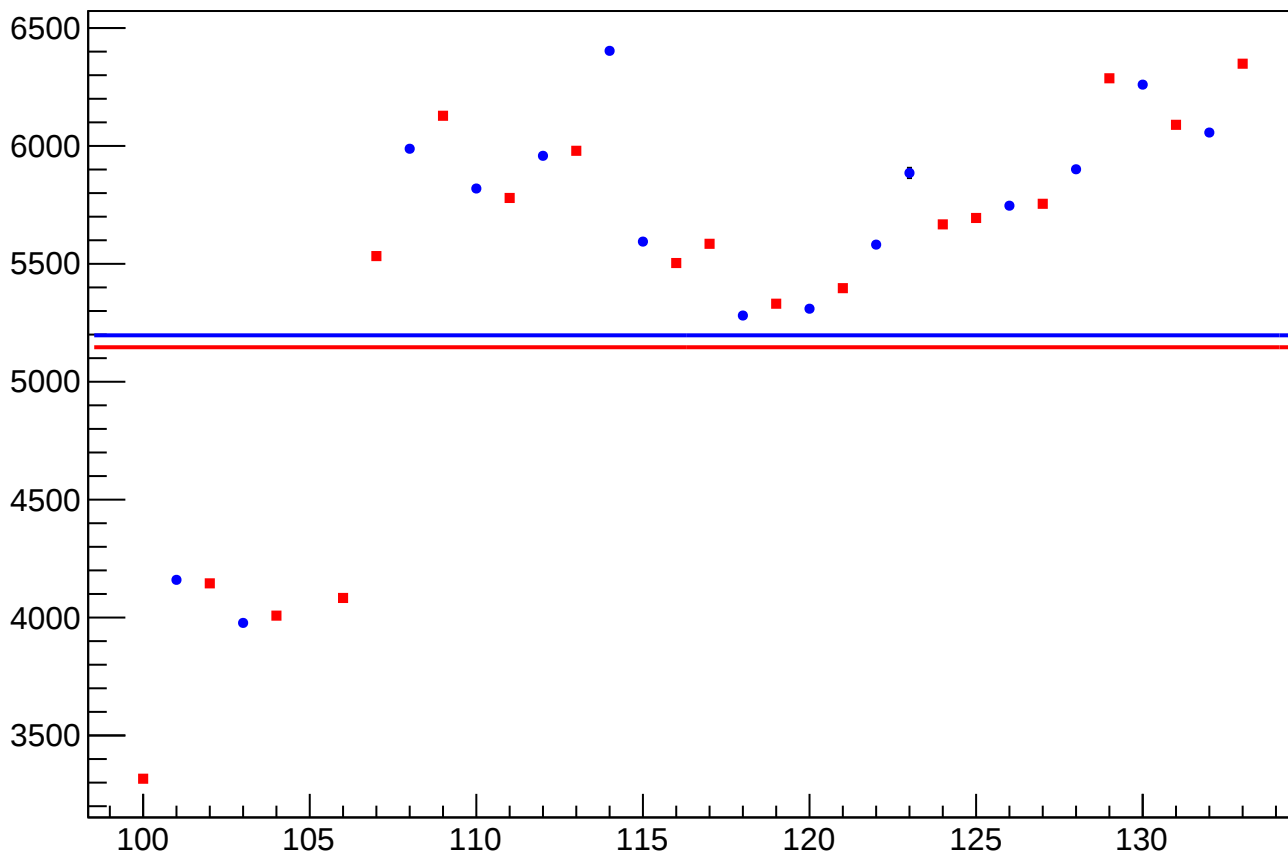
Right Out: -15.524 $\pm$ 2.047 χ^2 /NDF: 69.5/17

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

23.740 $\pm$ 2.204 χ^2 /NDF: 103.8/14

-15.524 $\pm$ 2.047 χ^2 /NDF: 69.5/17

diff_bpm0r05Y_rms vs Slug



Right In: 5196.884 $\pm$ 1.559 χ^2 /NDF: 298905.5/14

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

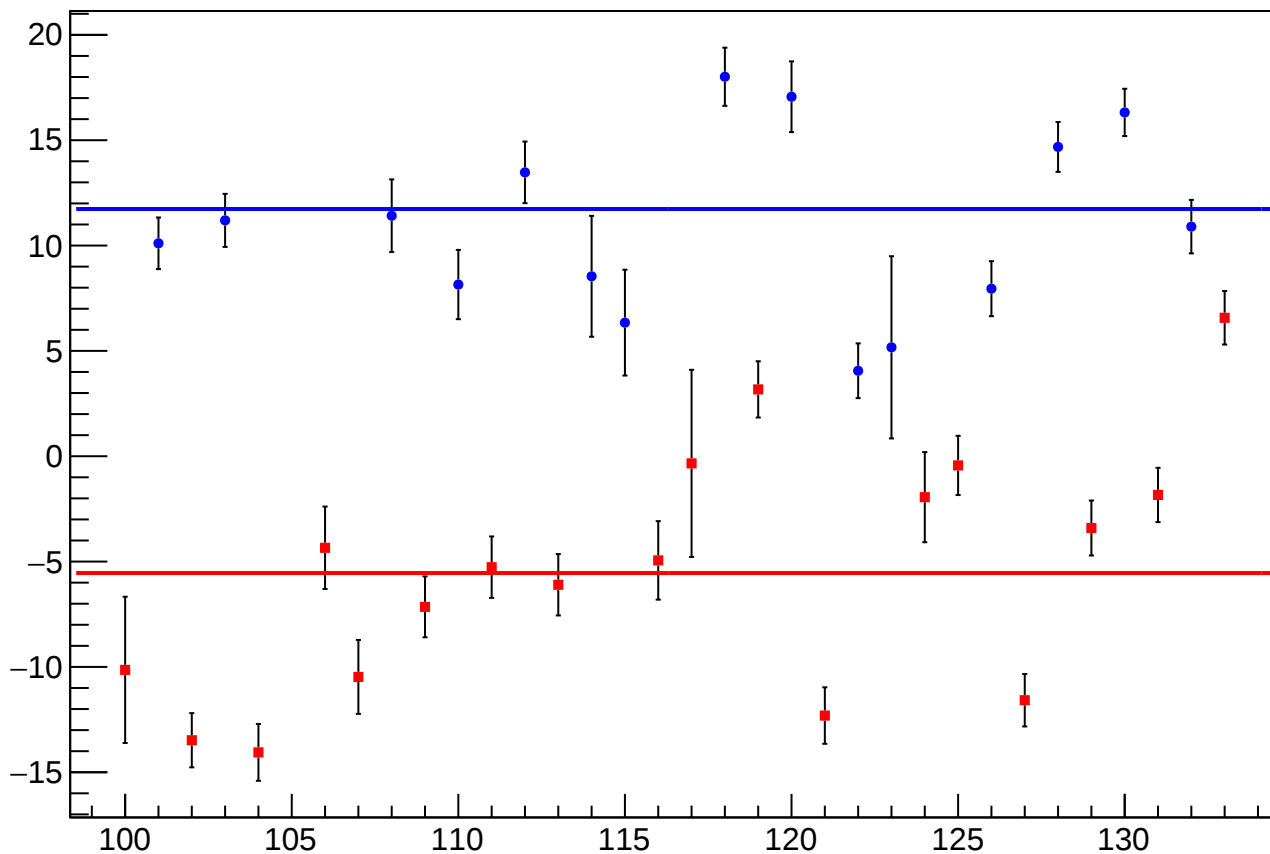
Right Out: 5146.305 $\pm$ 1.447 χ^2 /NDF: 385916.2/17

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

5196.884 $\pm$ 1.559 χ^2 /NDF: 298905.5/14

5146.305 $\pm$ 1.447 χ^2 /NDF: 385916.2/17

diff_bpm2i01X_mean vs Slug



Right In: 11.734 $\pm$ 0.378 χ^2 /NDF: 113.7/14

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

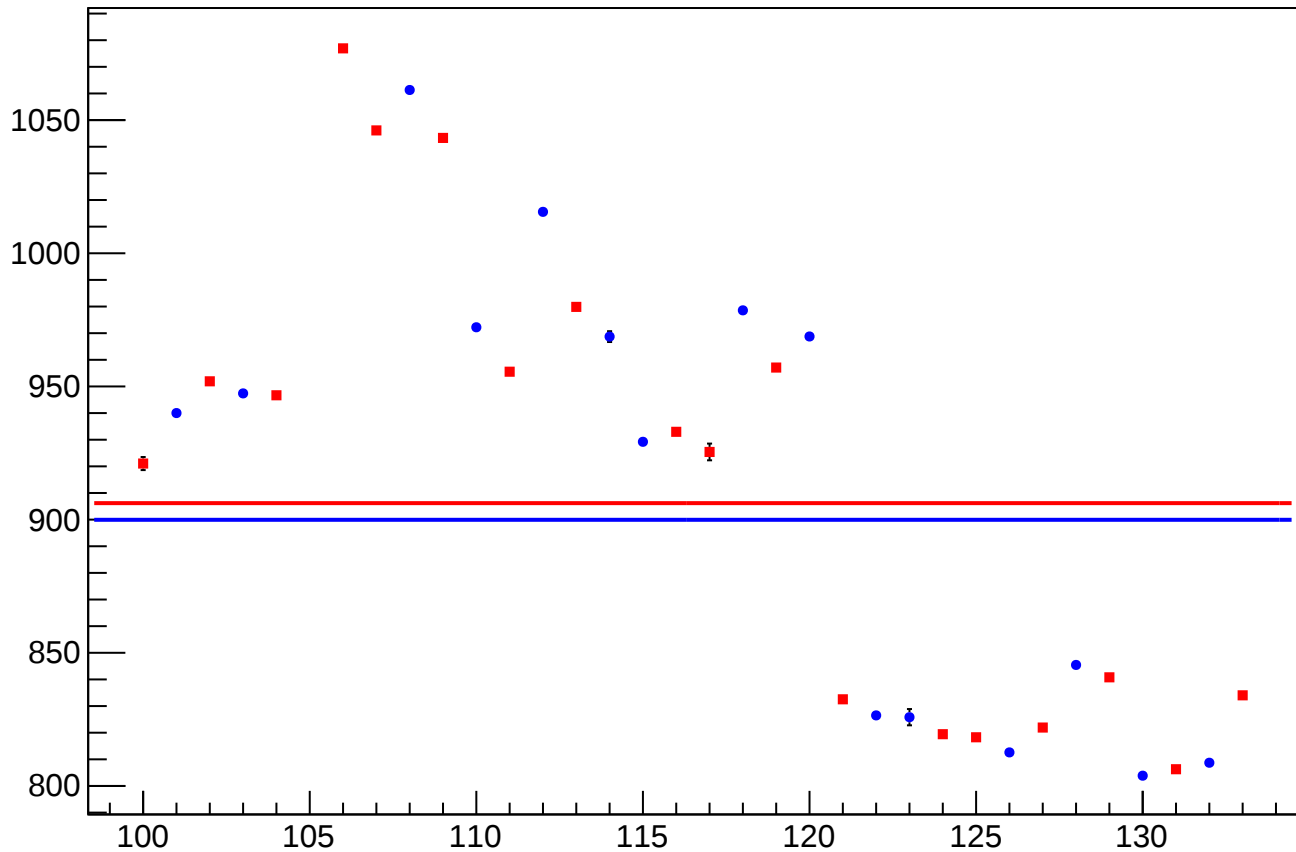
Right Out: -5.544 $\pm$ 0.356 χ^2 /NDF: 300.5/17

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

11.734 $\pm$ 0.378 χ^2 /NDF: 113.7/14

-5.544 $\pm$ 0.356 χ^2 /NDF: 300.5/17

diff_bpm2i01X_rms vs Slug



Right In: 899.933+/-0.267 χ^2/NDF : 95299.1/14

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

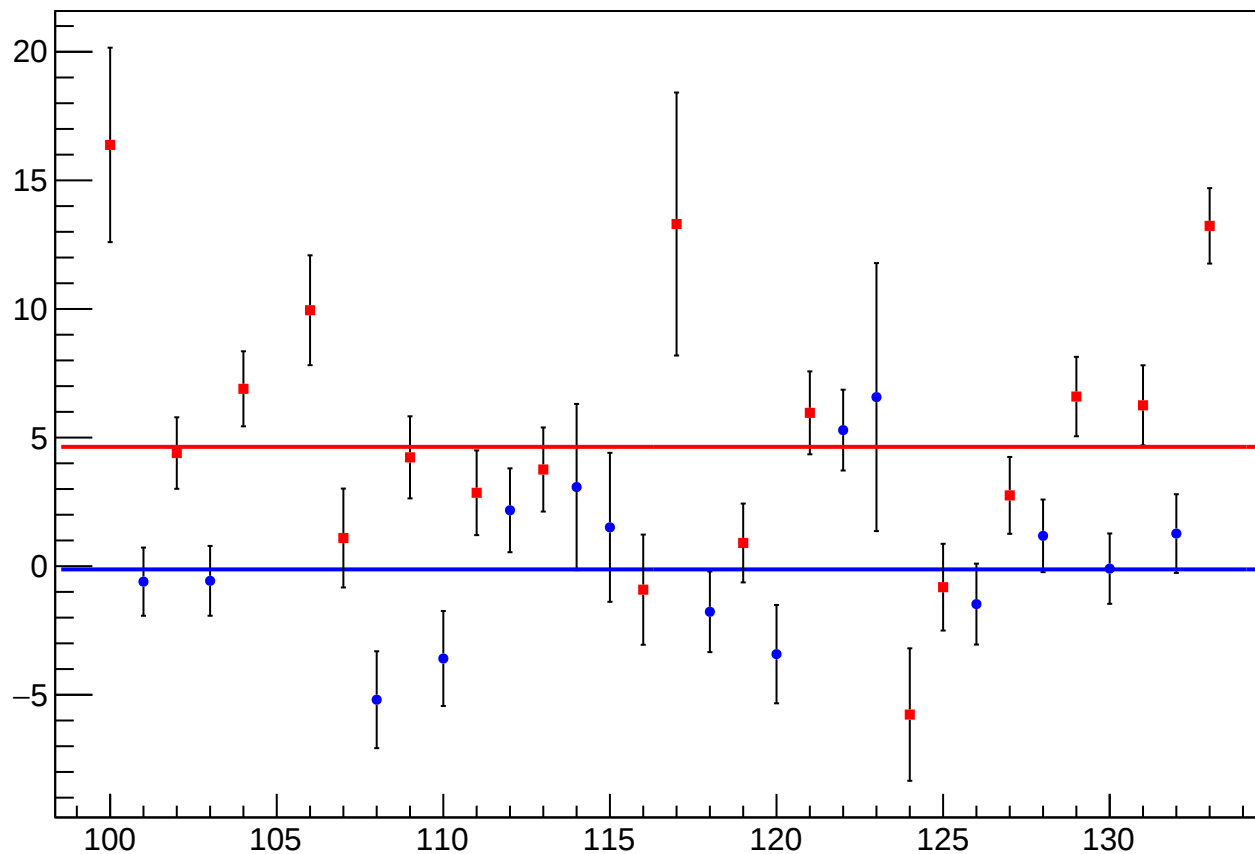
Right Out: 906.189+/-0.252 χ^2/NDF : 110972.0/17

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

899.933+/-0.267 χ^2/NDF : 95299.1/14

906.189+/-0.252 χ^2/NDF : 110972.0/17

diff_bpm2i01Y_mean vs Slug



Right In: -0.125 ± 0.436 χ^2/NDF : 34.3/14

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

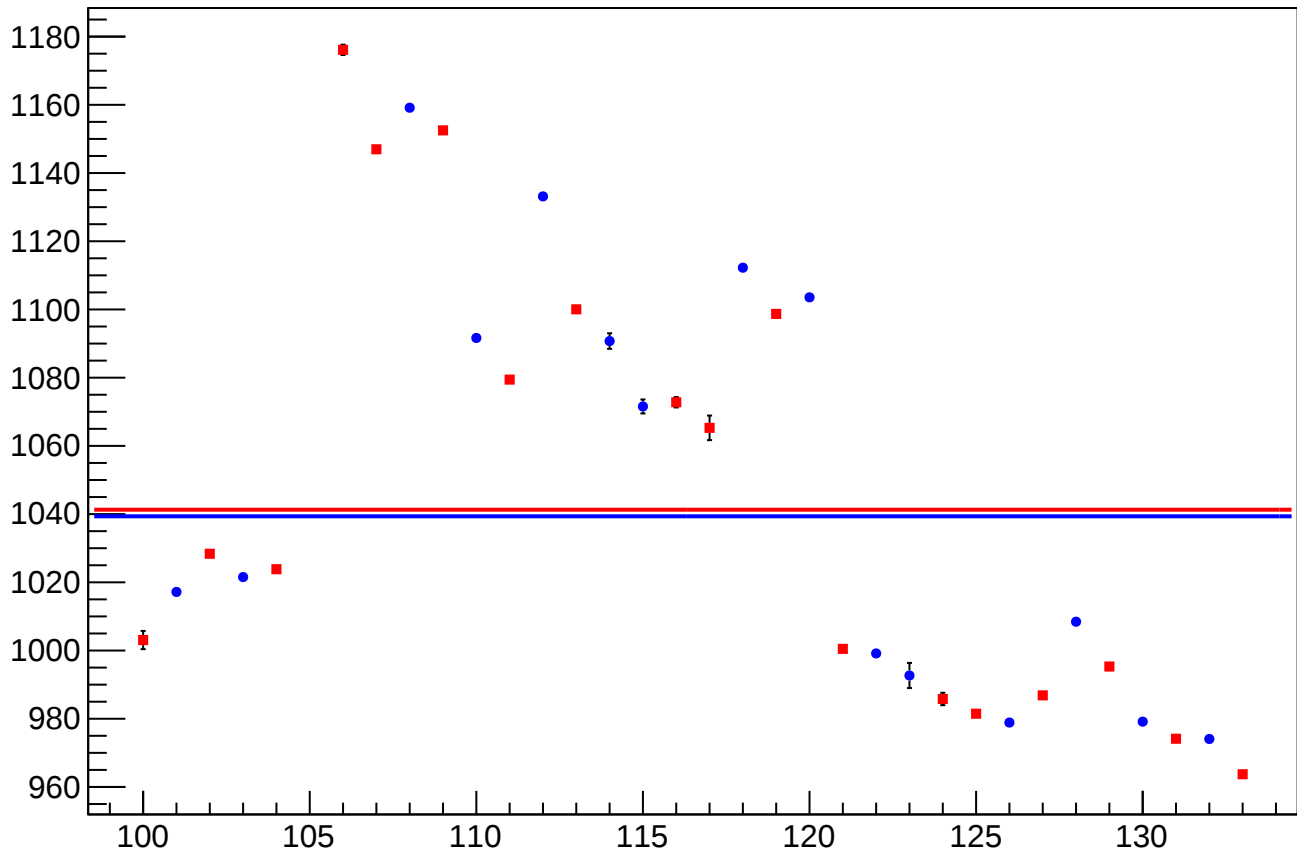
Right Out: 4.640 ± 0.408 χ^2/NDF : 104.8/17

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

-0.125 ± 0.436 χ^2/NDF : 34.3/14

4.640 ± 0.408 χ^2/NDF : 104.8/17

diff_bpm2i01Y_rms vs Slug



Right In: 1039.354+/-0.308 χ^2/NDF : 37453.0/14

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

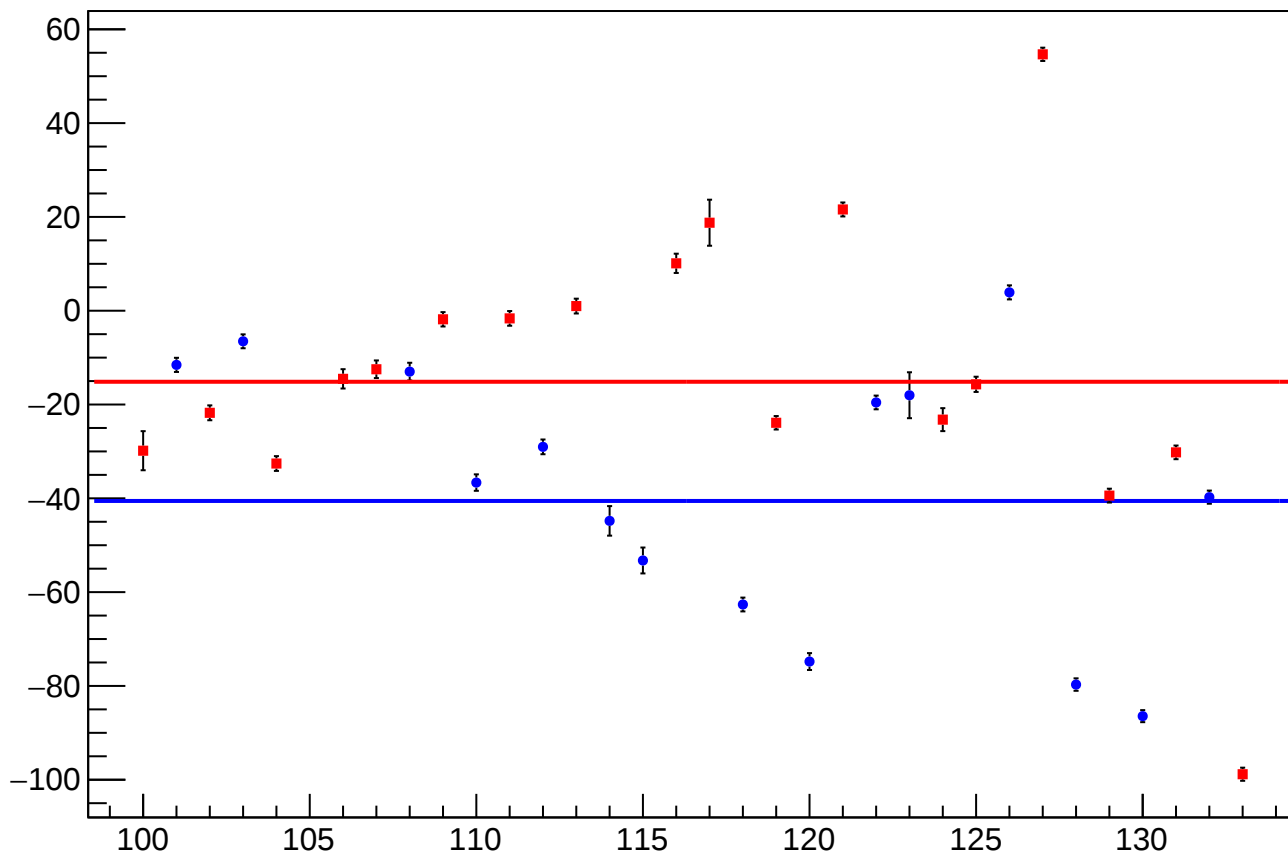
Right Out: 1041.292+/-0.289 χ^2/NDF : 49798.9/17

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

1039.354+/-0.308 χ^2/NDF : 37453.0/14

1041.292+/-0.289 χ^2/NDF : 49798.9/17

diff_bpm2i02X_mean vs Slug



Right In: -40.561 ± 0.425 χ^2/NDF : 5028.5/14

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

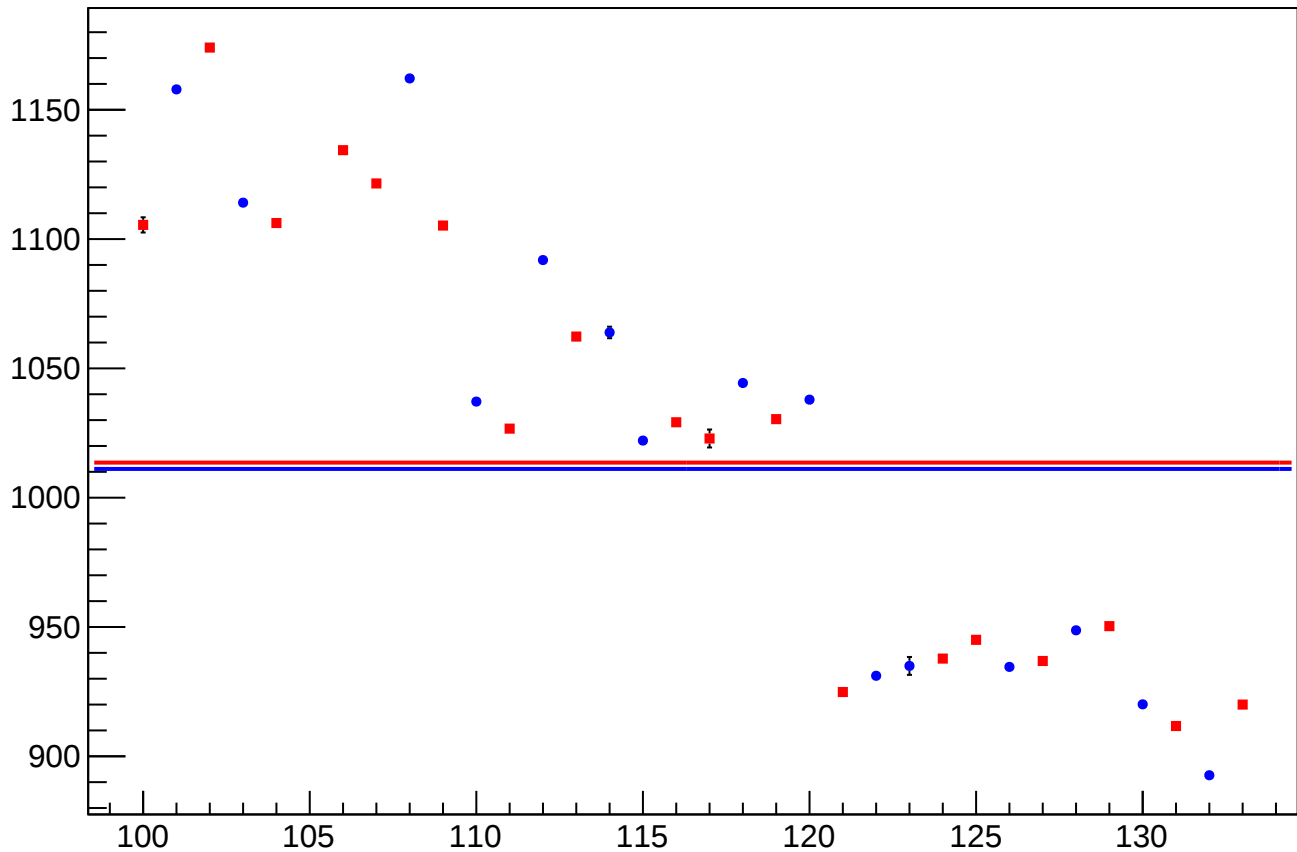
Right Out: -15.147 ± 0.398 χ^2/NDF : 7637.7/17

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

-40.561 ± 0.425 χ^2/NDF : 5028.5/14

-15.147 ± 0.398 χ^2/NDF : 7637.7/17

diff_bpm2i02X_rms vs Slug



Right In: 1011.122+/-0.300 χ^2/NDF : 89569.4/14

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

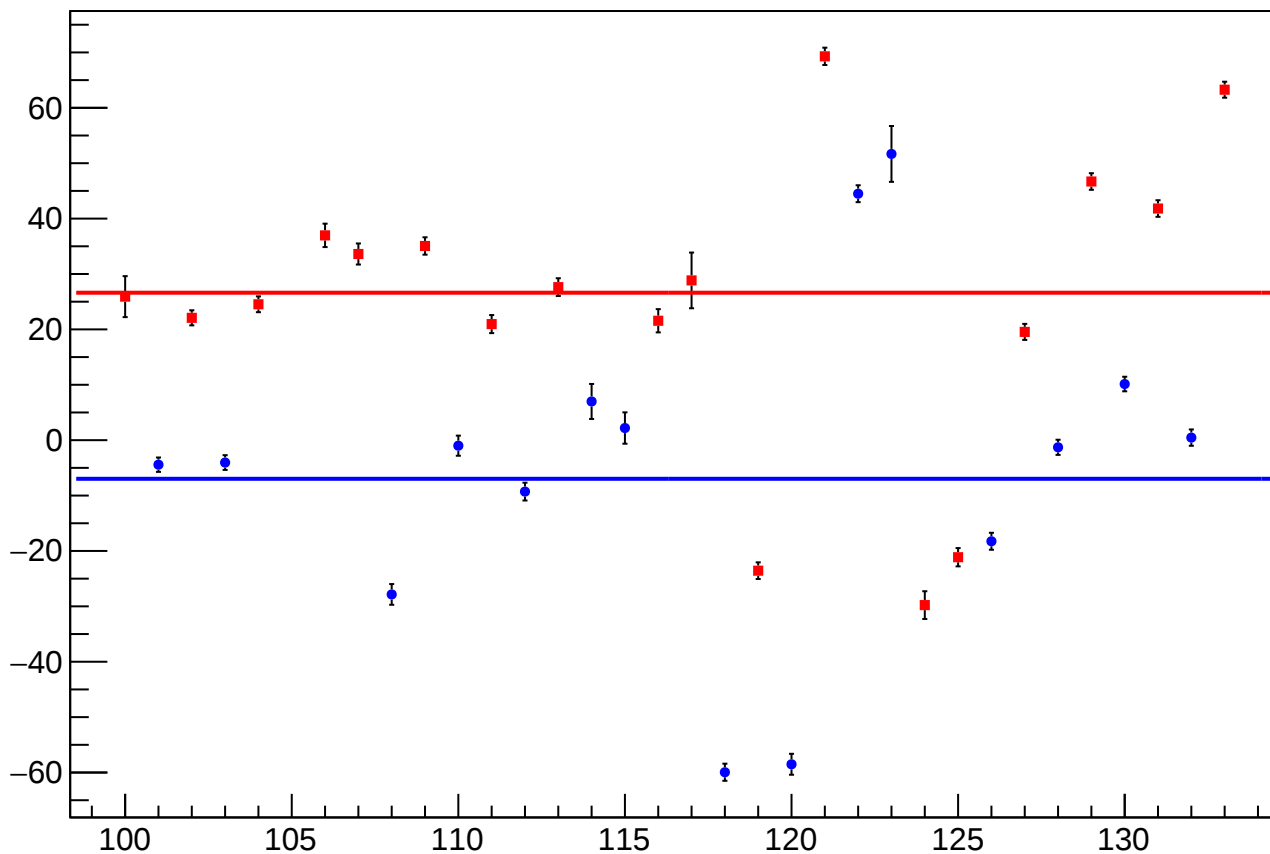
Right Out: 1013.570+/-0.282 χ^2/NDF : 92232.3/17

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

1011.122+/-0.300 χ^2/NDF : 89569.4/14

1013.570+/-0.282 χ^2/NDF : 92232.3/17

diff_bpm2i02Y_mean vs Slug



Right In: -6.973+/-0.425 χ^2/NDF : 3634.2/14

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

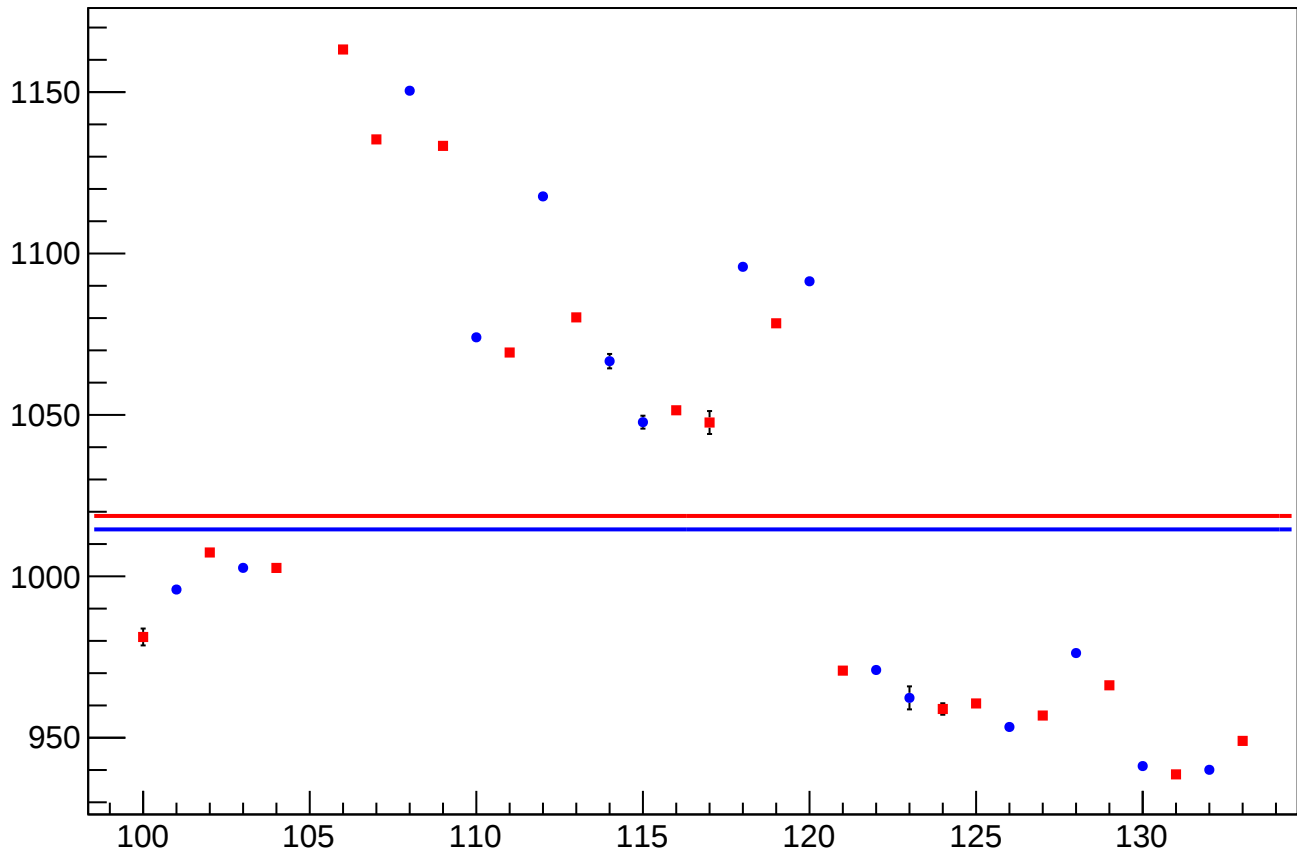
Right Out: 26.621+/-0.400 χ^2/NDF : 4251.2/17

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

-6.973+/-0.425 χ^2/NDF : 3634.2/14

26.621+/-0.400 χ^2/NDF : 4251.2/17

diff_bpm2i02Y_rms vs Slug



Right In: 1014.536 $\pm$ 0.301 χ^2 /NDF: 49115.5/14

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

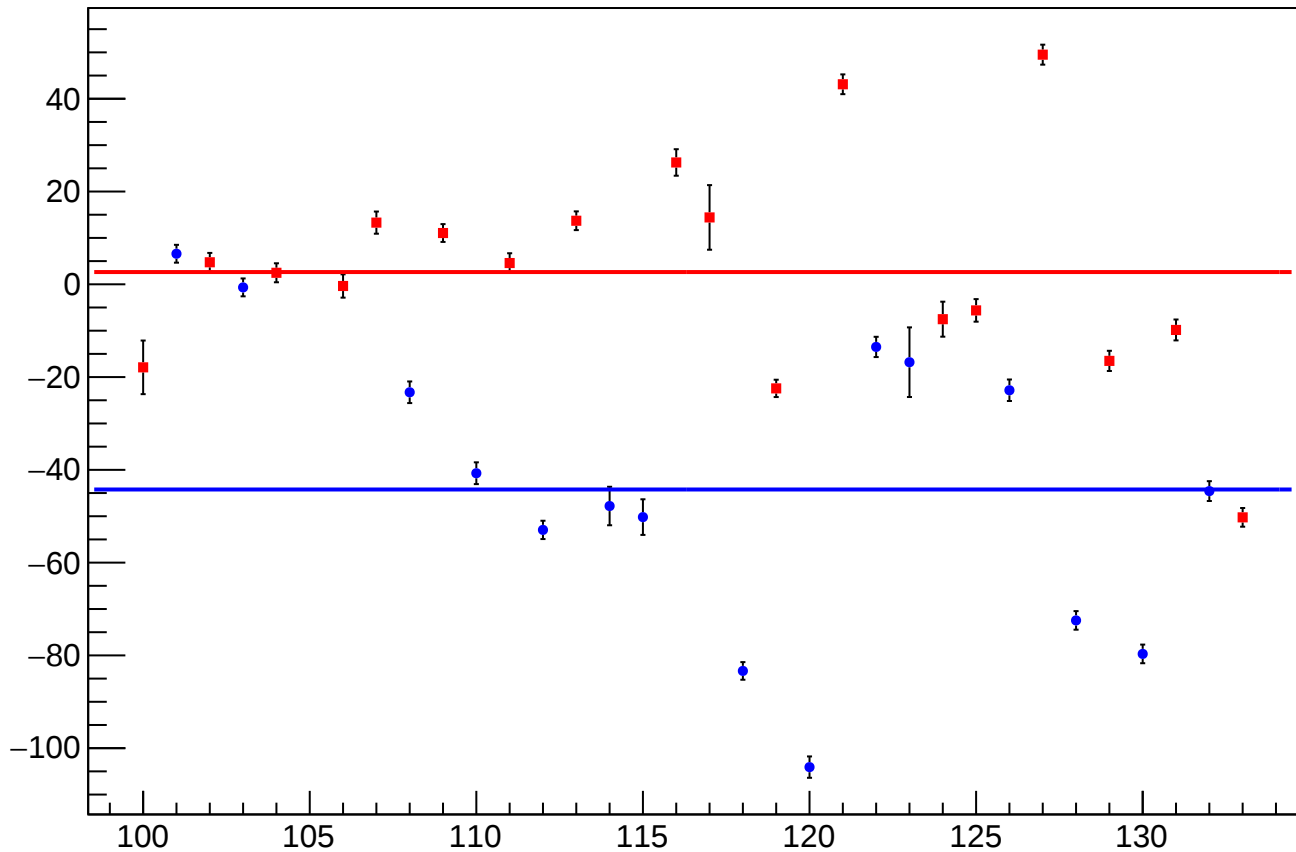
Right Out: 1018.704 $\pm$ 0.283 χ^2 /NDF: 58663.6/17

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

1014.536 $\pm$ 0.301 χ^2 /NDF: 49115.5/14

1018.704 $\pm$ 0.283 χ^2 /NDF: 58663.6/17

diff_bpm0i02X_mean vs Slug



Right In: -44.235+/-0.589 χ^2/NDF : 3221.2/14

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

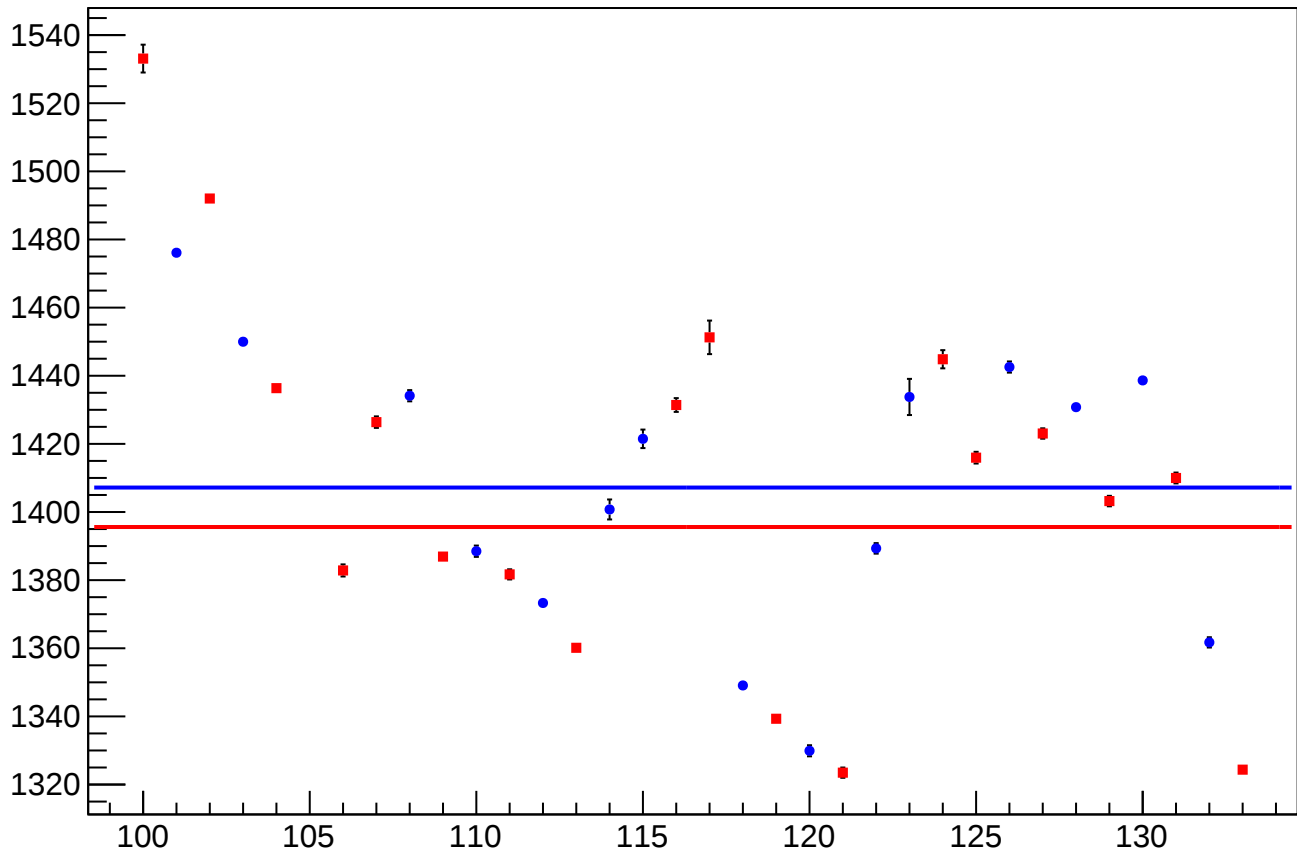
Right Out: 2.641+/-0.546 χ^2/NDF : 1986.2/17

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

-44.235+/-0.589 χ^2/NDF : 3221.2/14

2.641+/-0.546 χ^2/NDF : 1986.2/17

diff_bpm0i02X_rms vs Slug



Right In: 1407.182+/-0.416 χ^2 /NDF: 10991.9/14

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

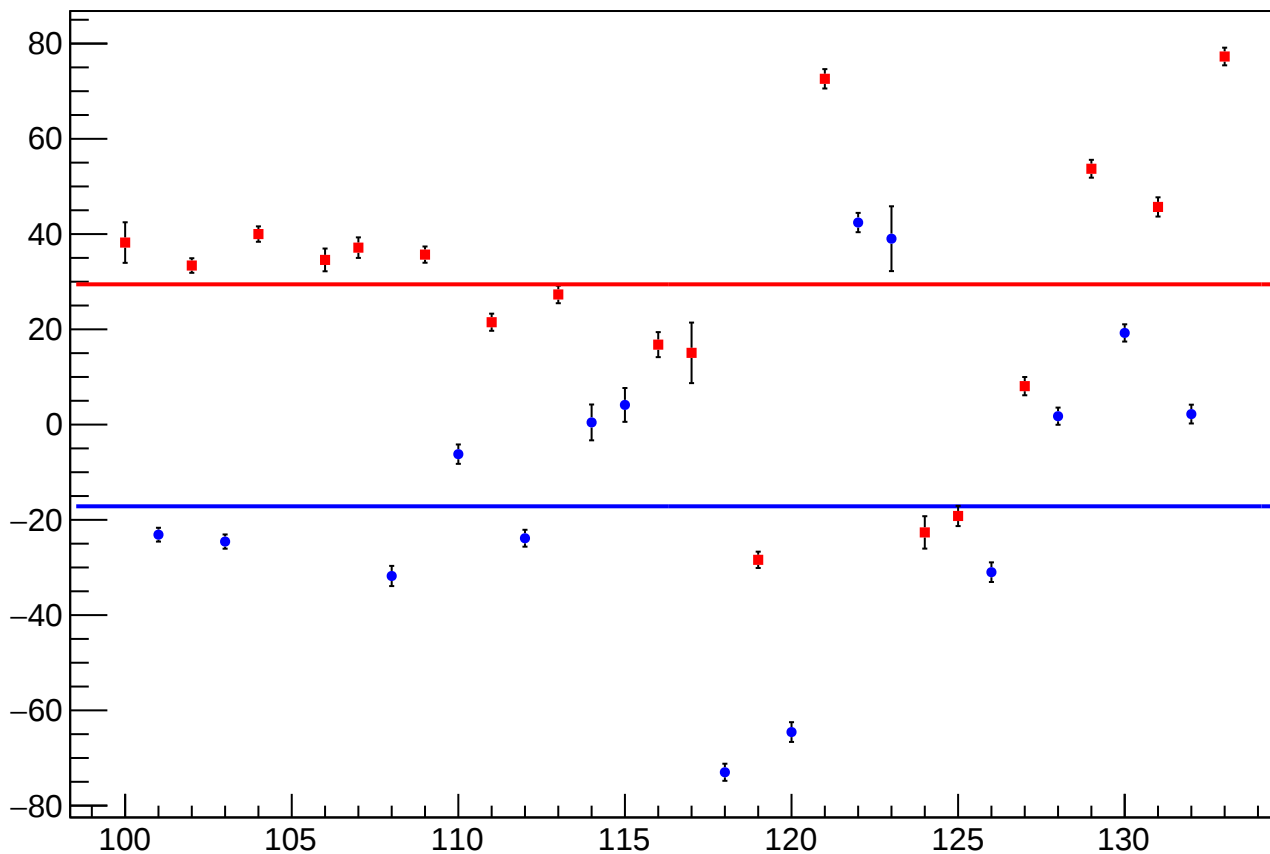
Right Out: 1395.597+/-0.386 χ^2 /NDF: 15583.7/17

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

1407.182+/-0.416 χ^2 /NDF: 10991.9/14

1395.597+/-0.386 χ^2 /NDF: 15583.7/17

diff_bpm0i02Y_mean vs Slug



Right In: -17.157+/-0.515 χ^2/NDF : 3271.6/14

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

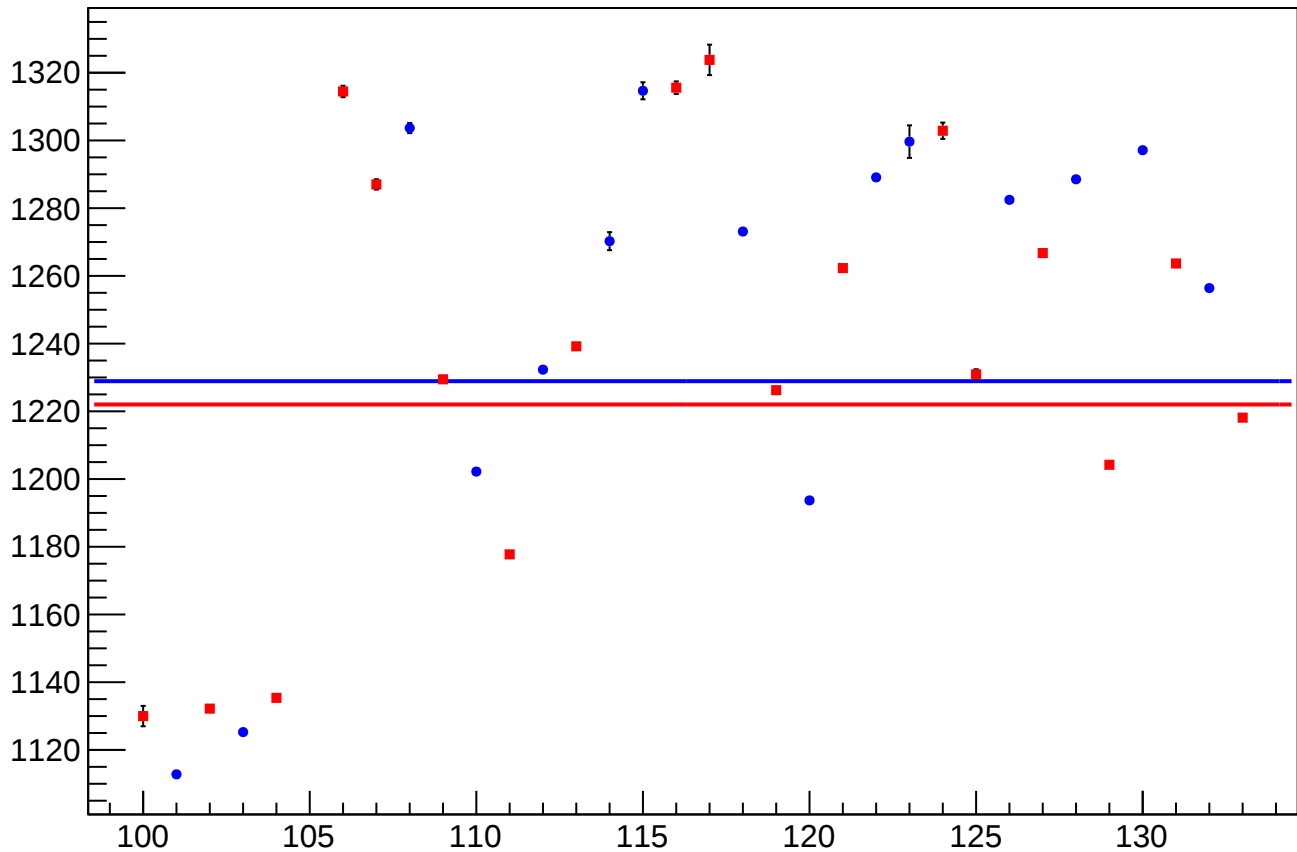
Right Out: 29.450+/-0.479 χ^2/NDF : 3506.6/17

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

-17.157+/-0.515 χ^2/NDF : 3271.6/14

29.450+/-0.479 χ^2/NDF : 3506.6/17

diff_bpm0i02Y_rms vs Slug



Right In: 1228.901 $\pm$ 0.364 χ^2 /NDF: 37218.9/14

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

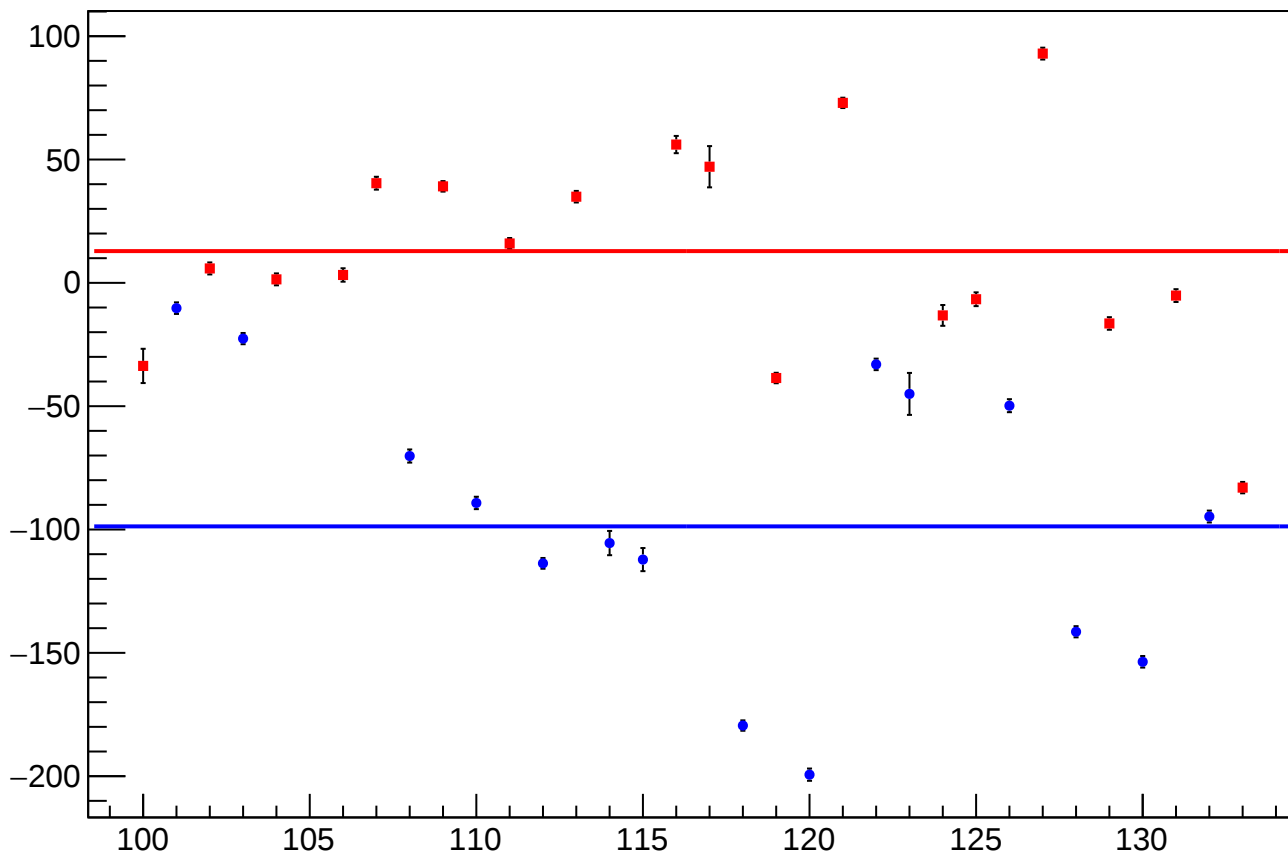
Right Out: 1222.019 $\pm$ 0.339 χ^2 /NDF: 26941.9/17

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

1228.901 $\pm$ 0.364 χ^2 /NDF: 37218.9/14

1222.019 $\pm$ 0.339 χ^2 /NDF: 26941.9/17

diff_bpm0i02aX_mean vs Slug



Right In: -98.729 ± 0.667 χ^2/NDF : 7912.7/14

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

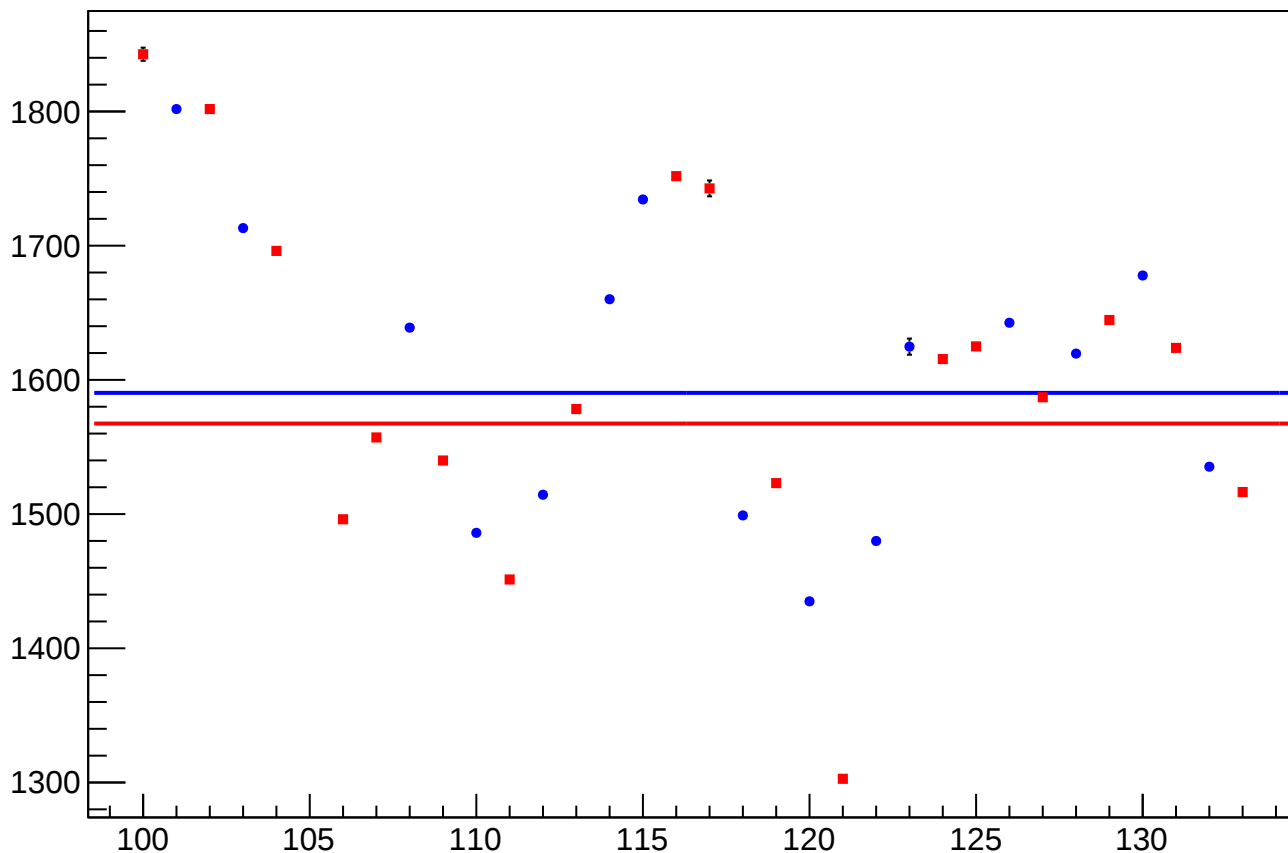
Right Out: 12.873 ± 0.615 χ^2/NDF : 5121.7/17

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

-98.729 ± 0.667 χ^2/NDF : 7912.7/14

12.873 ± 0.615 χ^2/NDF : 5121.7/17

diff_bpm0i02aX_rms vs Slug



Right In: 1590.322+/-0.472 χ^2/NDF : 51889.1/14

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

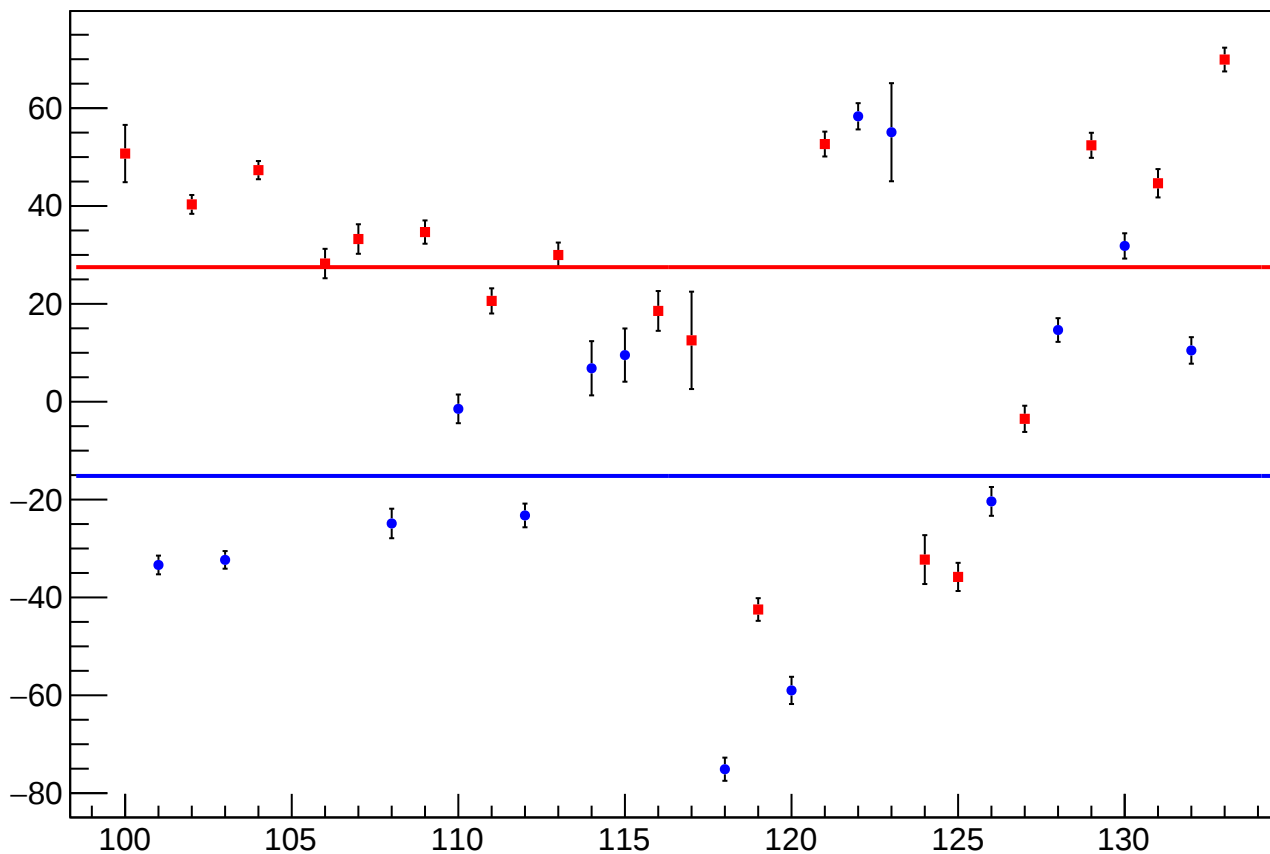
Right Out: 1567.470+/-0.435 χ^2/NDF : 78701.4/17

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

1590.322+/-0.472 χ^2/NDF : 51889.1/14

1567.470+/-0.435 χ^2/NDF : 78701.4/17

diff_bpm0i02aY_mean vs Slug



Right In: -15.167+/-0.695 χ^2/NDF : 2524.8/14

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

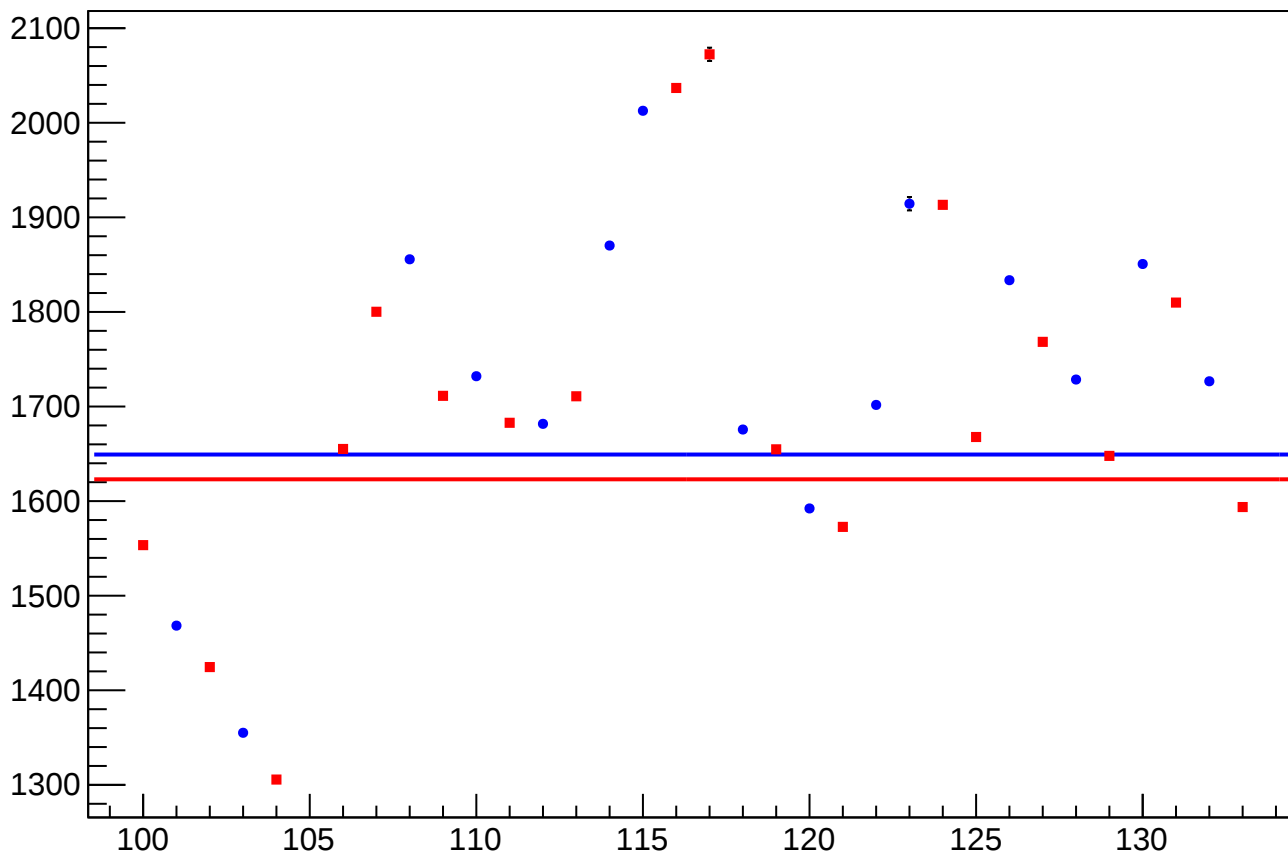
Right Out: 27.503+/-0.640 χ^2/NDF : 2409.2/17

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

-15.167+/-0.695 χ^2/NDF : 2524.8/14

27.503+/-0.640 χ^2/NDF : 2409.2/17

diff_bpm0i02aY_rms vs Slug



Right In: 1649.249 $\pm$ 0.491 χ^2 /NDF: 121617.7/14

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

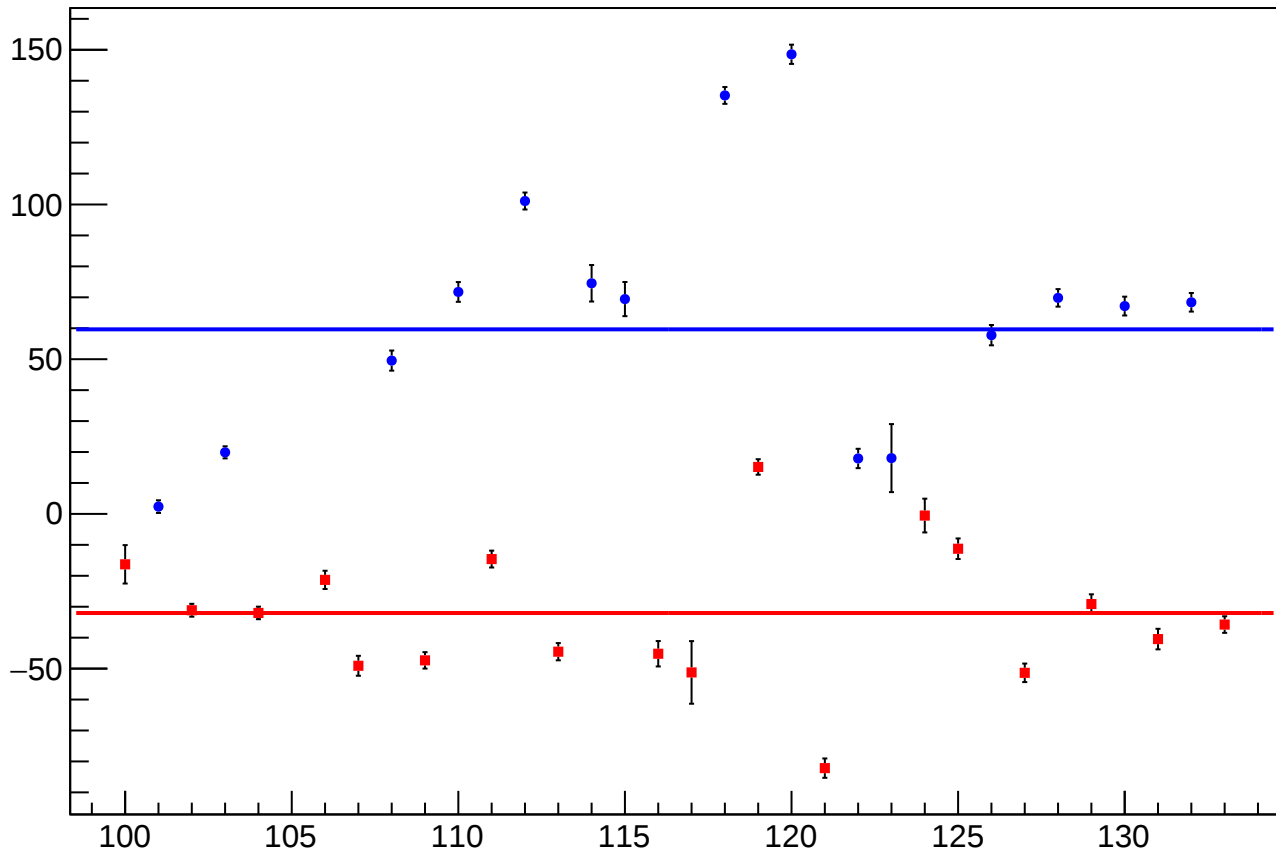
1649.249 $\pm$ 0.491 χ^2 /NDF: 121617.7/14

Right Out: 1623.043 $\pm$ 0.452 χ^2 /NDF: 140873.9/17

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

1623.043 $\pm$ 0.452 χ^2 /NDF: 140873.9/17

diff_bpm0i05X_mean vs Slug



Right In: 59.647+/-0.772 χ^2/NDF : 3276.1/14

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

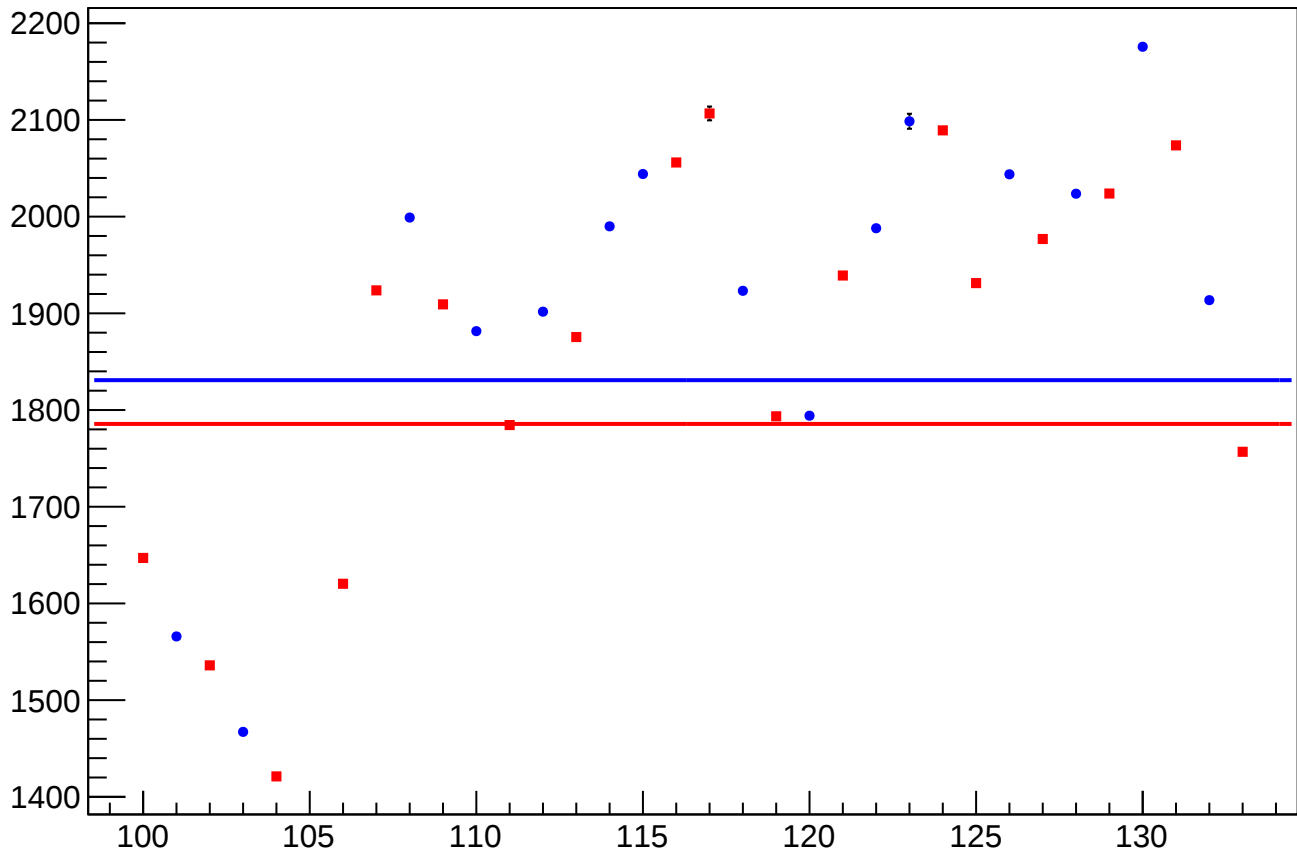
Right Out: -32.030+/-0.704 χ^2/NDF : 891.4/17

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

59.647+/-0.772 χ^2/NDF : 3276.1/14

-32.030+/-0.704 χ^2/NDF : 891.4/17

diff_bpm0i05X_rms vs Slug



Right In: 1830.883 $\pm$ 0.546 χ^2 /NDF: 168584.1/14

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

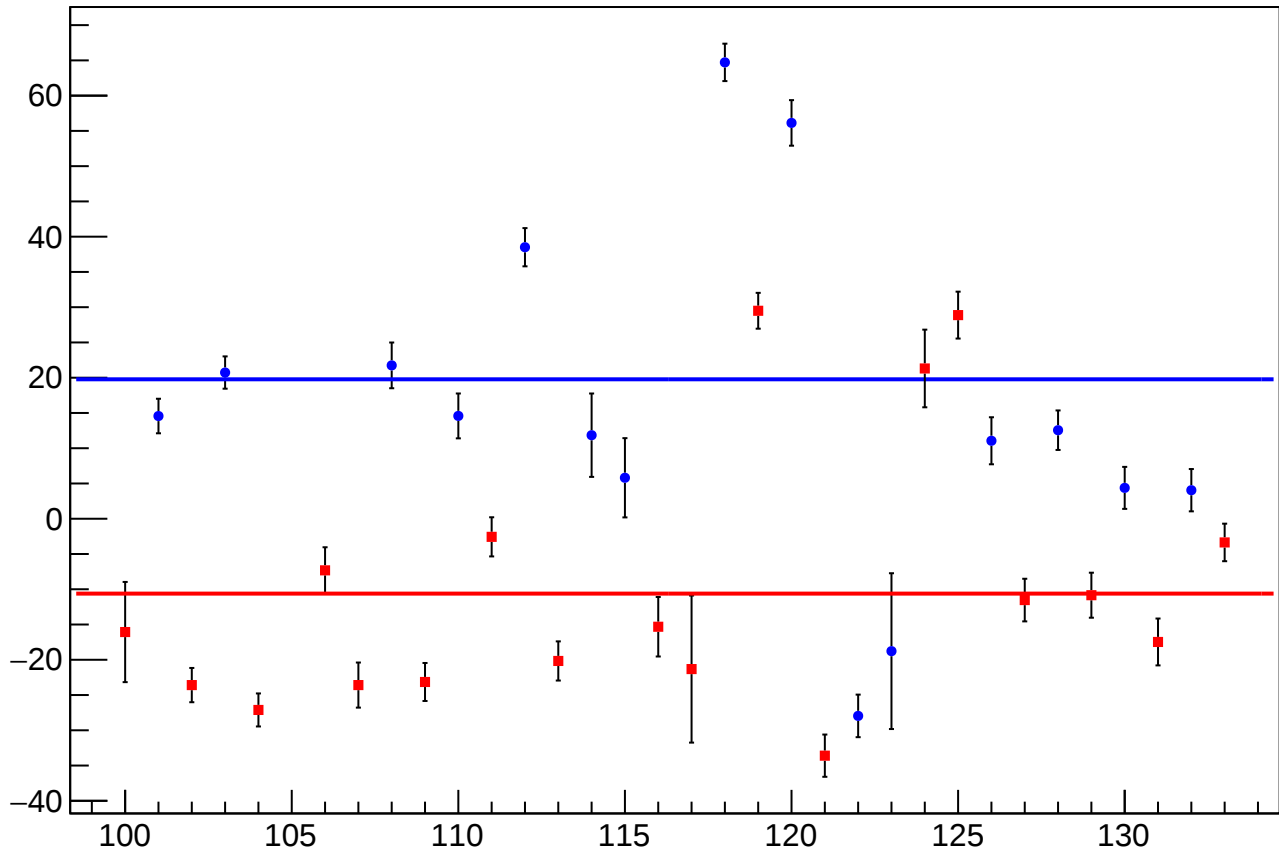
1830.883 $\pm$ 0.546 χ^2 /NDF: 168584.1/14

Right Out: 1785.630 $\pm$ 0.498 χ^2 /NDF: 171517.3/17

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

1785.630 $\pm$ 0.498 χ^2 /NDF: 171517.3/17

diff_bpm0i05Y_mean vs Slug



Right In: 19.774 ± 0.805 $\chi^2/\text{NDF}: 807.2/14$

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

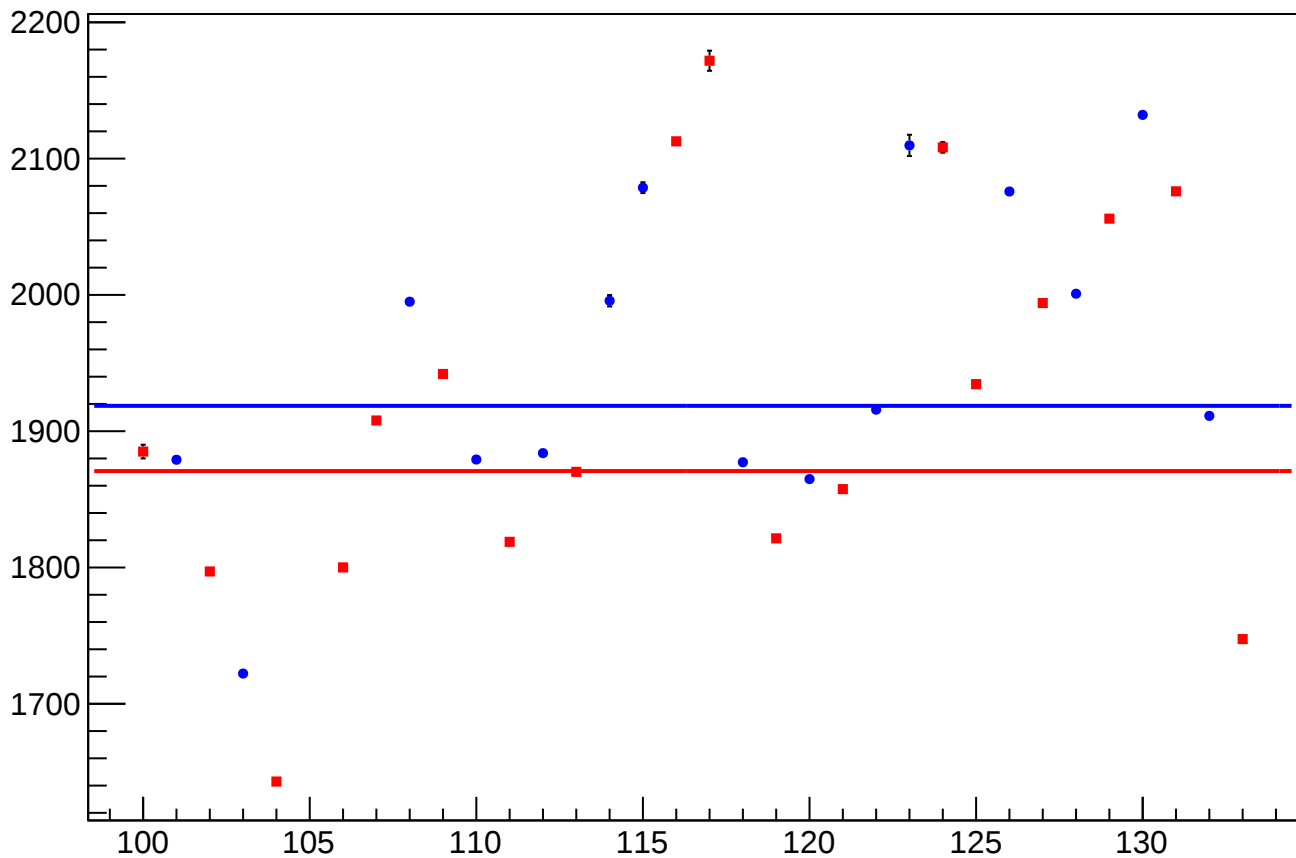
Right Out: -10.617 ± 0.734 $\chi^2/\text{NDF}: 634.8/17$

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

19.774 ± 0.805 $\chi^2/\text{NDF}: 807.2/14$

-10.617 ± 0.734 $\chi^2/\text{NDF}: 634.8/17$

diff_bpm0i05Y_rms vs Slug



Right In: 1918.611+/-0.569 χ^2/NDF : 37036.3/14

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

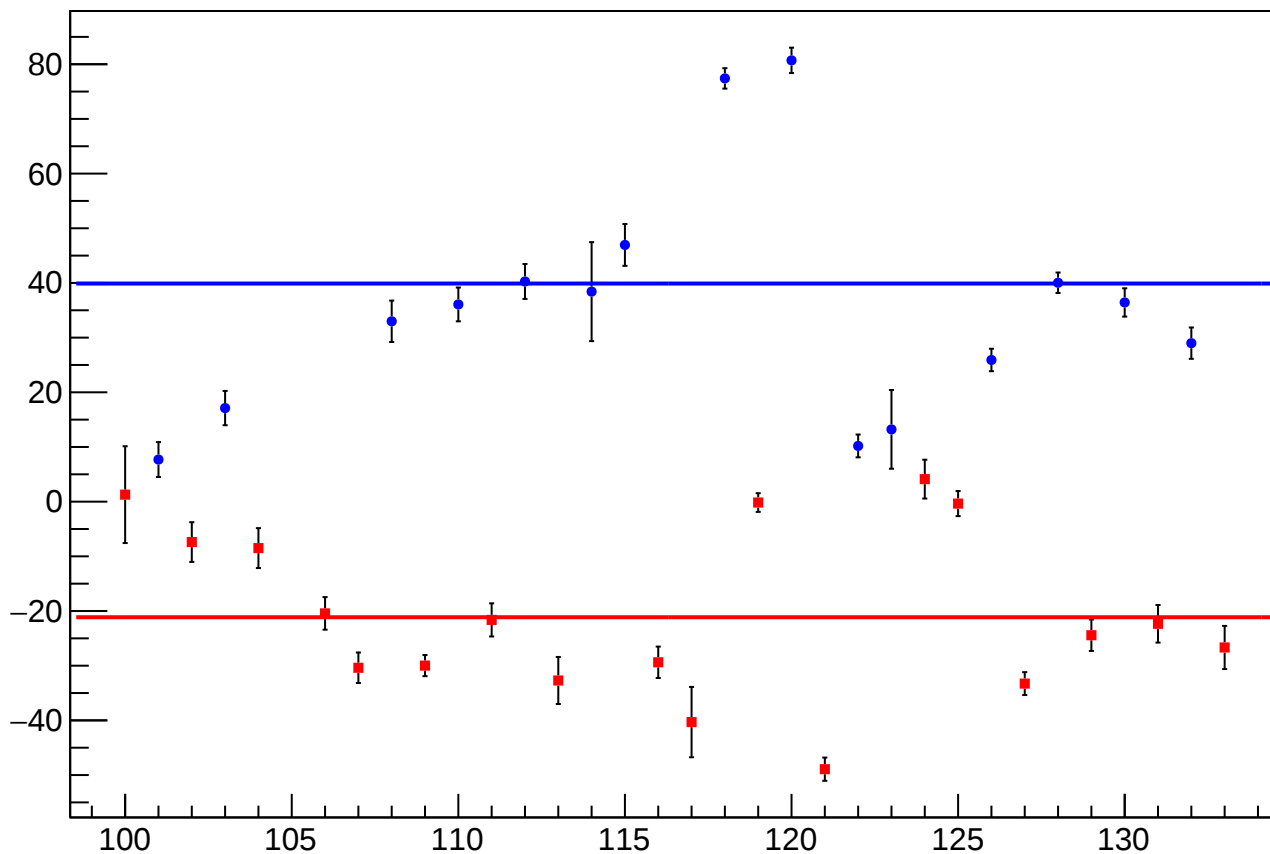
Right Out: 1870.763+/-0.519 χ^2/NDF : 59538.2/17

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

1918.611+/-0.569 χ^2/NDF : 37036.3/14

1870.763+/-0.519 χ^2/NDF : 59538.2/17

diff_bpm0i07X_mean vs Slug



Right In: 39.891+/-0.696 χ^2/NDF : 1153.1/14

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

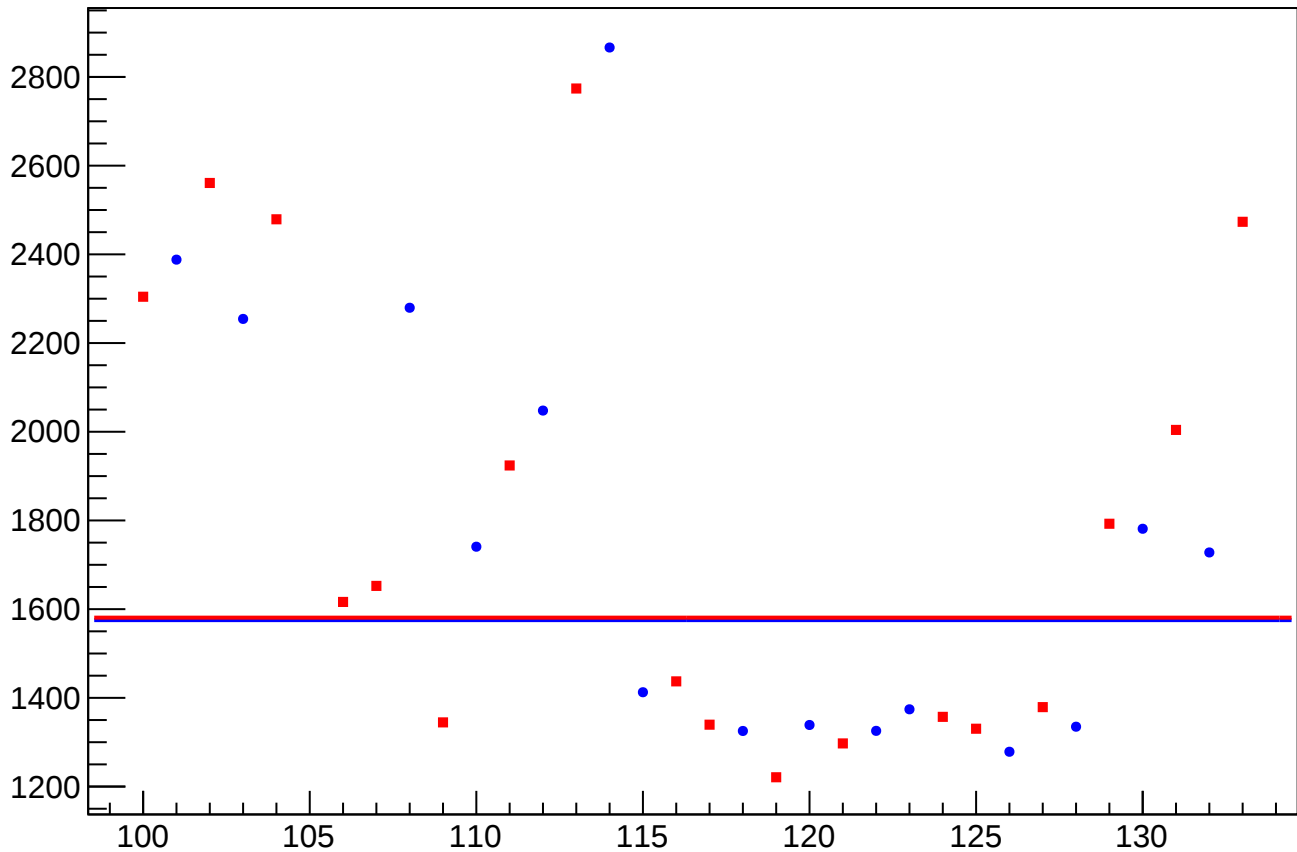
Right Out: -21.136+/-0.657 χ^2/NDF : 581.4/17

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

39.891+/-0.696 χ^2/NDF : 1153.1/14

-21.136+/-0.657 χ^2/NDF : 581.4/17

diff_bpm0i07X_rms vs Slug



Right In: 1575.267 $\pm$ 0.492 χ^2 /NDF: 566267.3/14

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

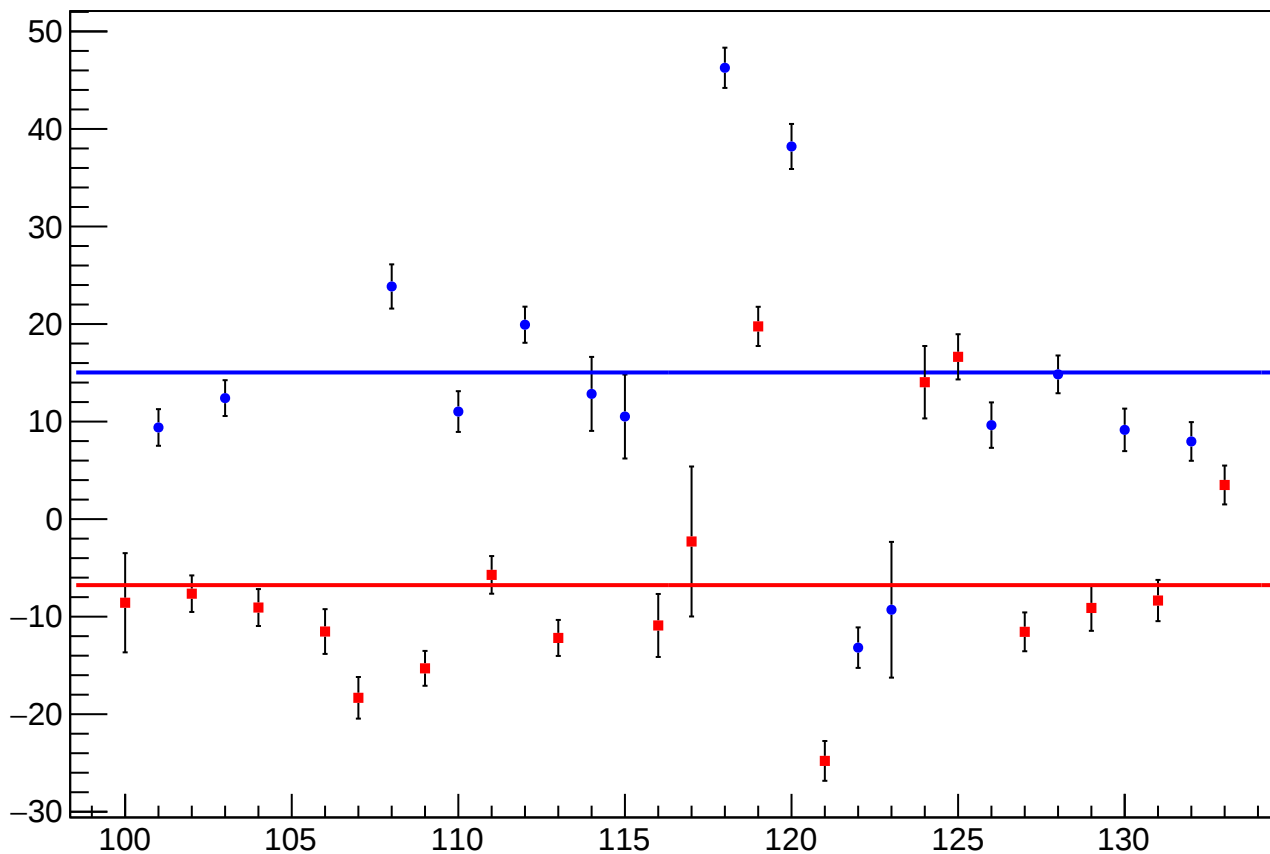
1575.267 $\pm$ 0.492 χ^2 /NDF: 566267.3/14

Right Out: 1580.862 $\pm$ 0.465 χ^2 /NDF: 817283.9/17

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

1580.862 $\pm$ 0.465 χ^2 /NDF: 817283.9/17

diff_bpm0i07Y_mean vs Slug



Right In: 15.035+/-0.576 χ^2/NDF : 590.3/14

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

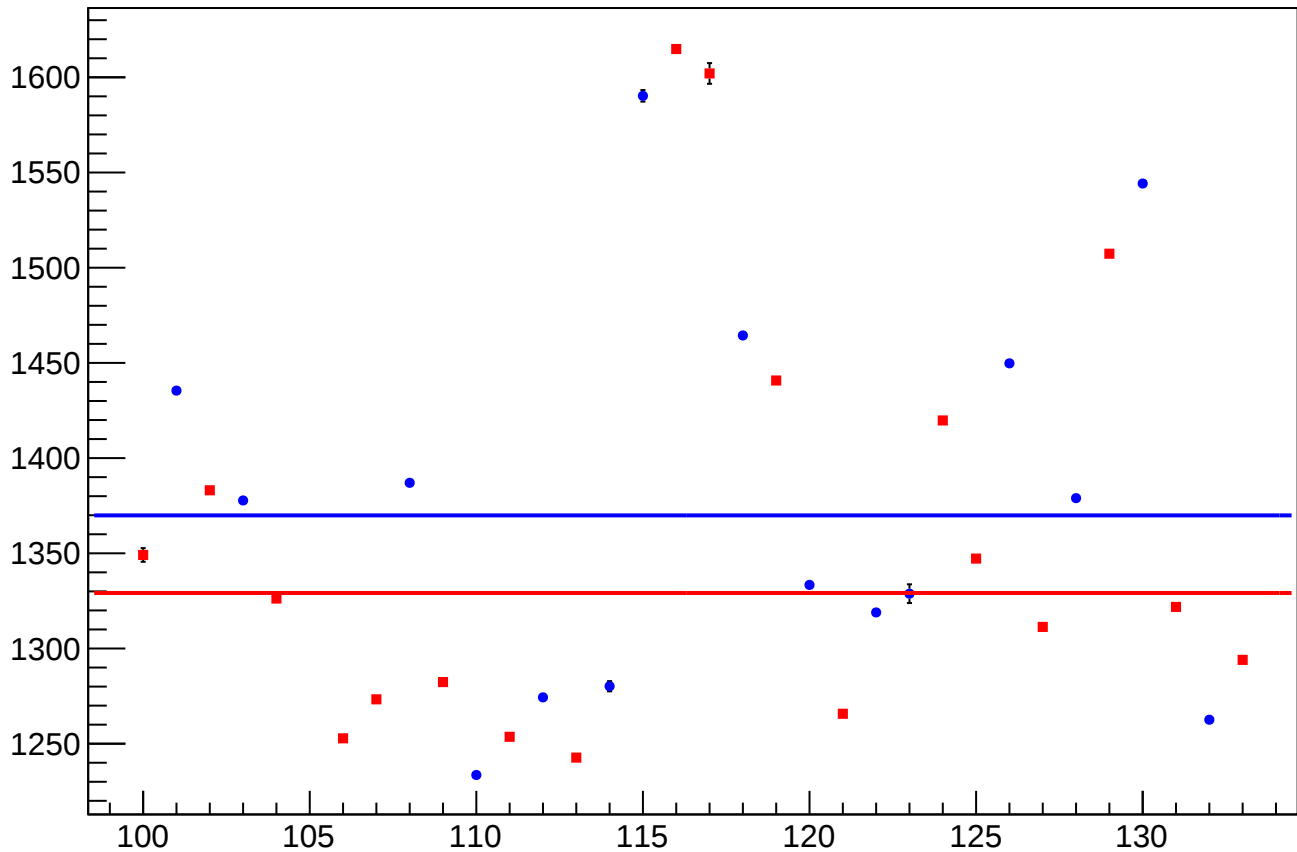
Right Out: -6.767+/-0.523 χ^2/NDF : 488.5/17

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

15.035+/-0.576 χ^2/NDF : 590.3/14

-6.767+/-0.523 χ^2/NDF : 488.5/17

diff_bpm0i07Y_rms vs Slug



Right In: 1369.912 $\pm$ 0.408 χ^2 /NDF: 49821.2/14

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

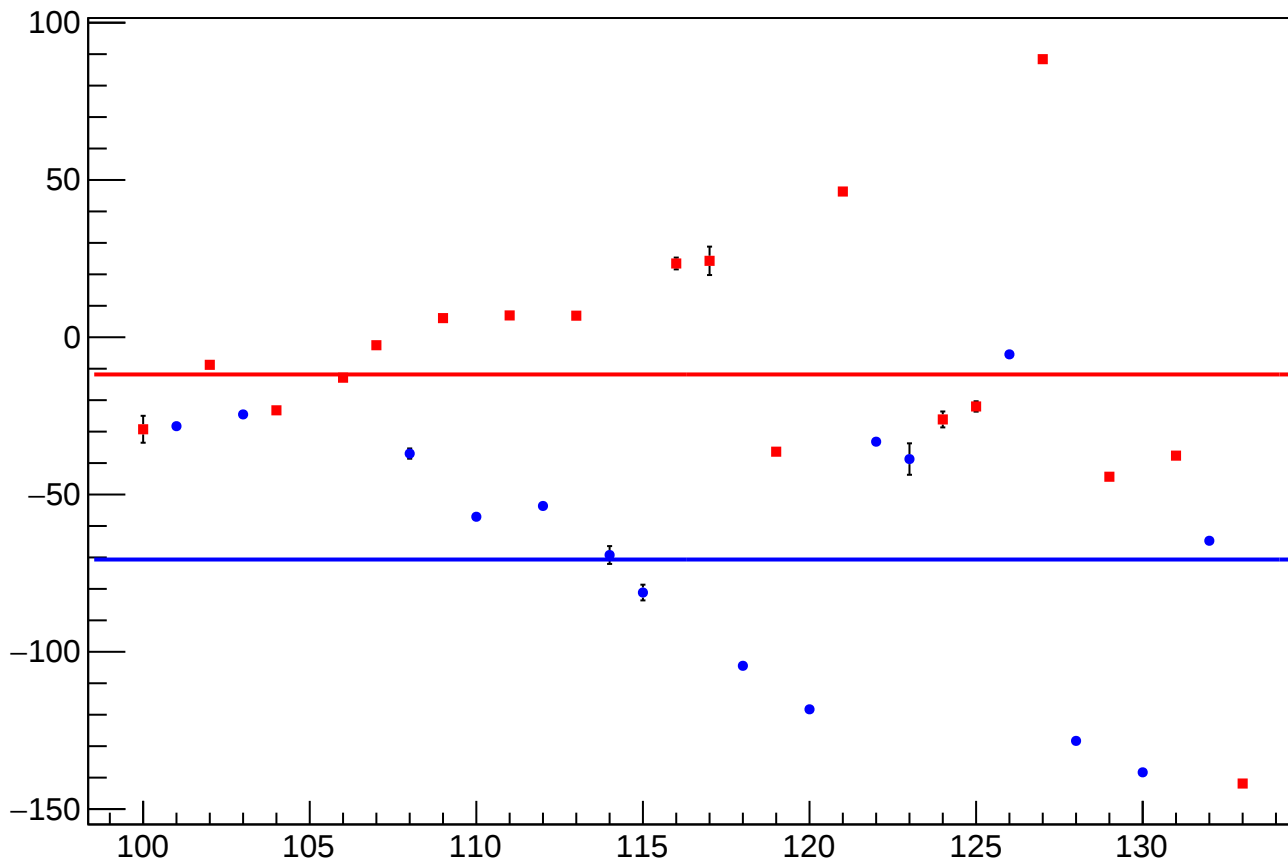
Right Out: 1329.162 $\pm$ 0.370 χ^2 /NDF: 54032.2/17

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

1369.912 $\pm$ 0.408 χ^2 /NDF: 49821.2/14

1329.162 $\pm$ 0.370 χ^2 /NDF: 54032.2/17

diff_bpm1i02X_mean vs Slug



Right In: -70.661 ± 0.395 χ^2/NDF : 11493.9/14

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

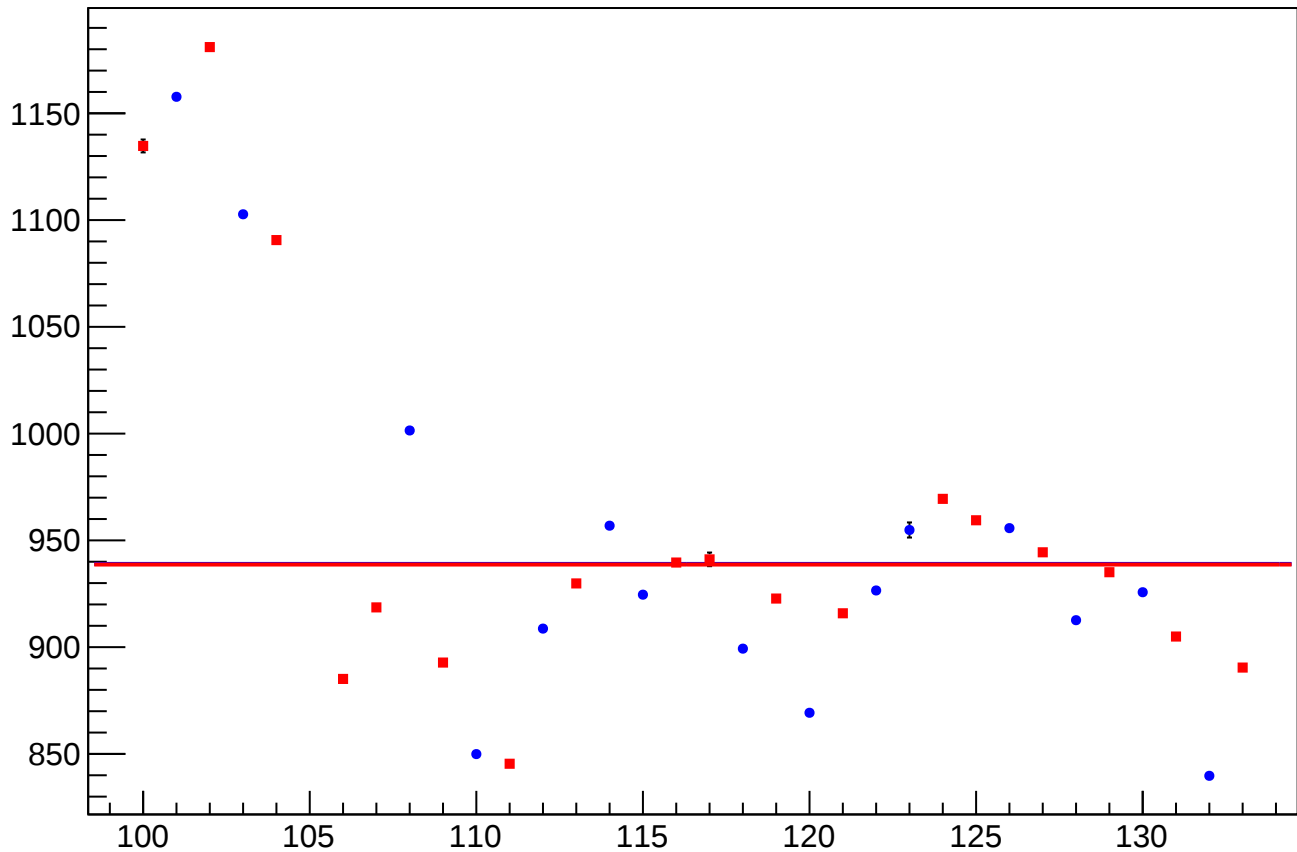
Right Out: -11.826 ± 0.369 χ^2/NDF : 18067.8/17

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

-70.661 ± 0.395 χ^2/NDF : 11493.9/14

-11.826 ± 0.369 χ^2/NDF : 18067.8/17

diff_bpm1i02X_rms vs Slug



Right In: 938.973+/-0.279 χ^2/NDF : 97795.9/14

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

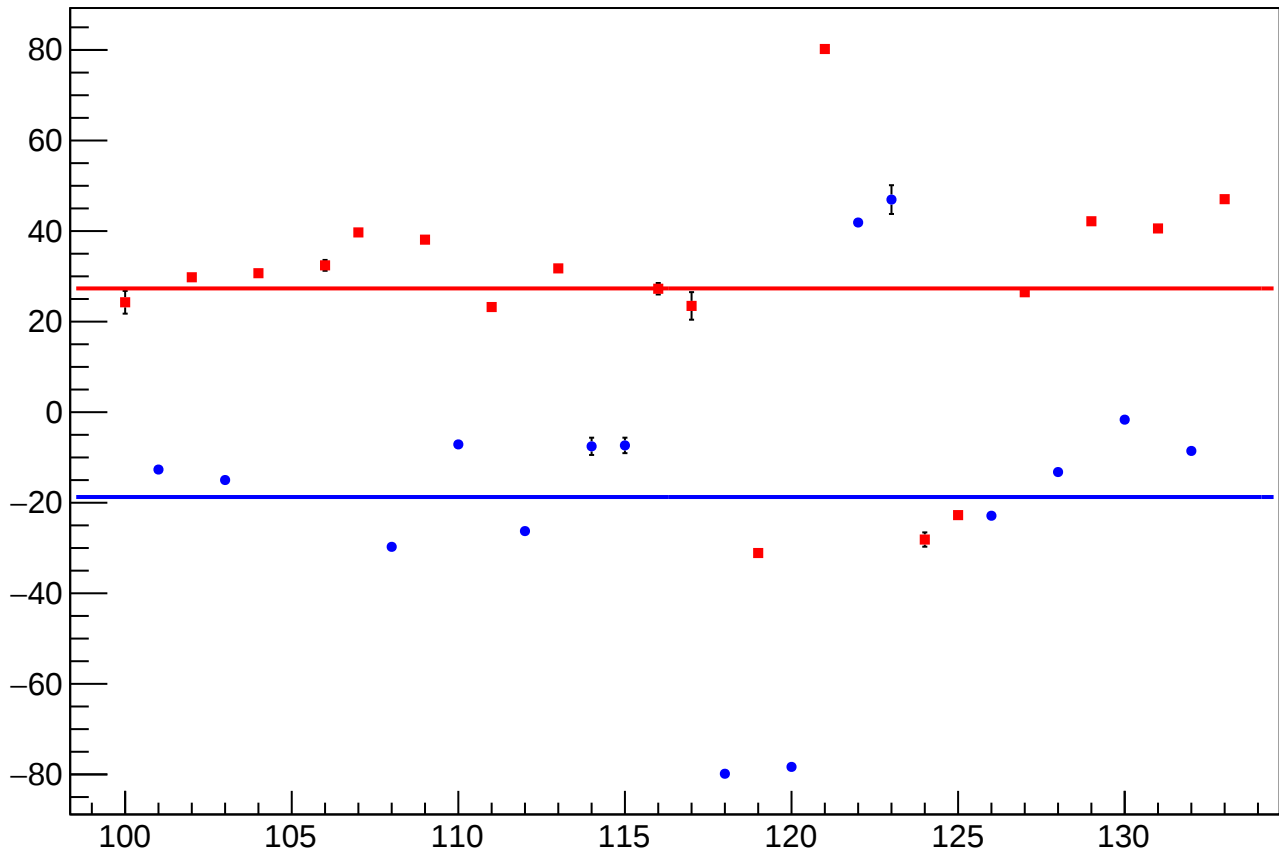
Right Out: 938.689+/-0.261 χ^2/NDF : 90200.0/17

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

938.973+/-0.279 χ^2/NDF : 97795.9/14

938.689+/-0.261 χ^2/NDF : 90200.0/17

diff_bpm1i02Y_mean vs Slug



Right In: -18.736 $\pm$ 0.266 χ^2 /NDF: 13005.2/14

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

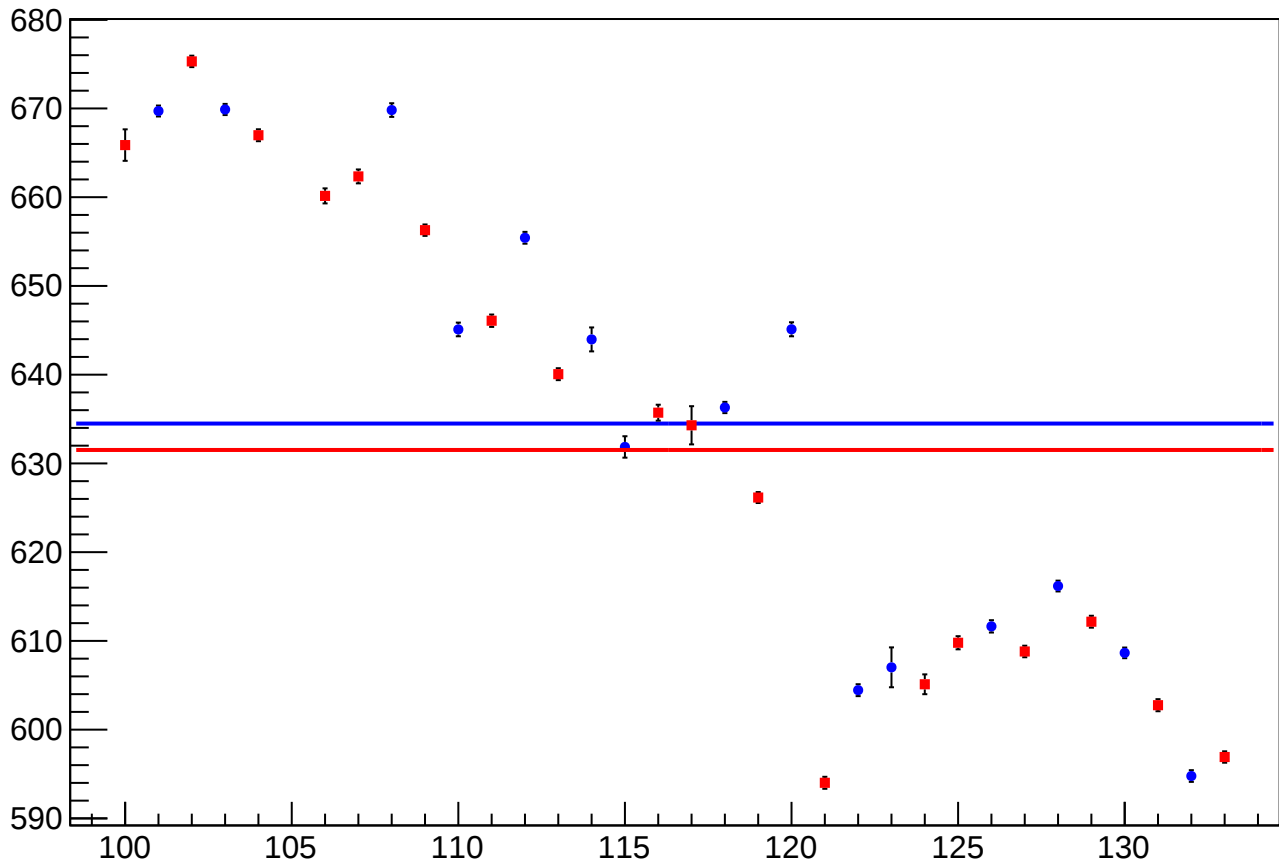
Right Out: 27.331 $\pm$ 0.247 χ^2 /NDF: 12304.1/17

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

-18.736 $\pm$ 0.266 χ^2 /NDF: 13005.2/14

27.331 $\pm$ 0.247 χ^2 /NDF: 12304.1/17

diff_bpm1i02Y_rms vs Slug



Right In: 634.491+/-0.188 χ^2/NDF : 19550.8/14

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

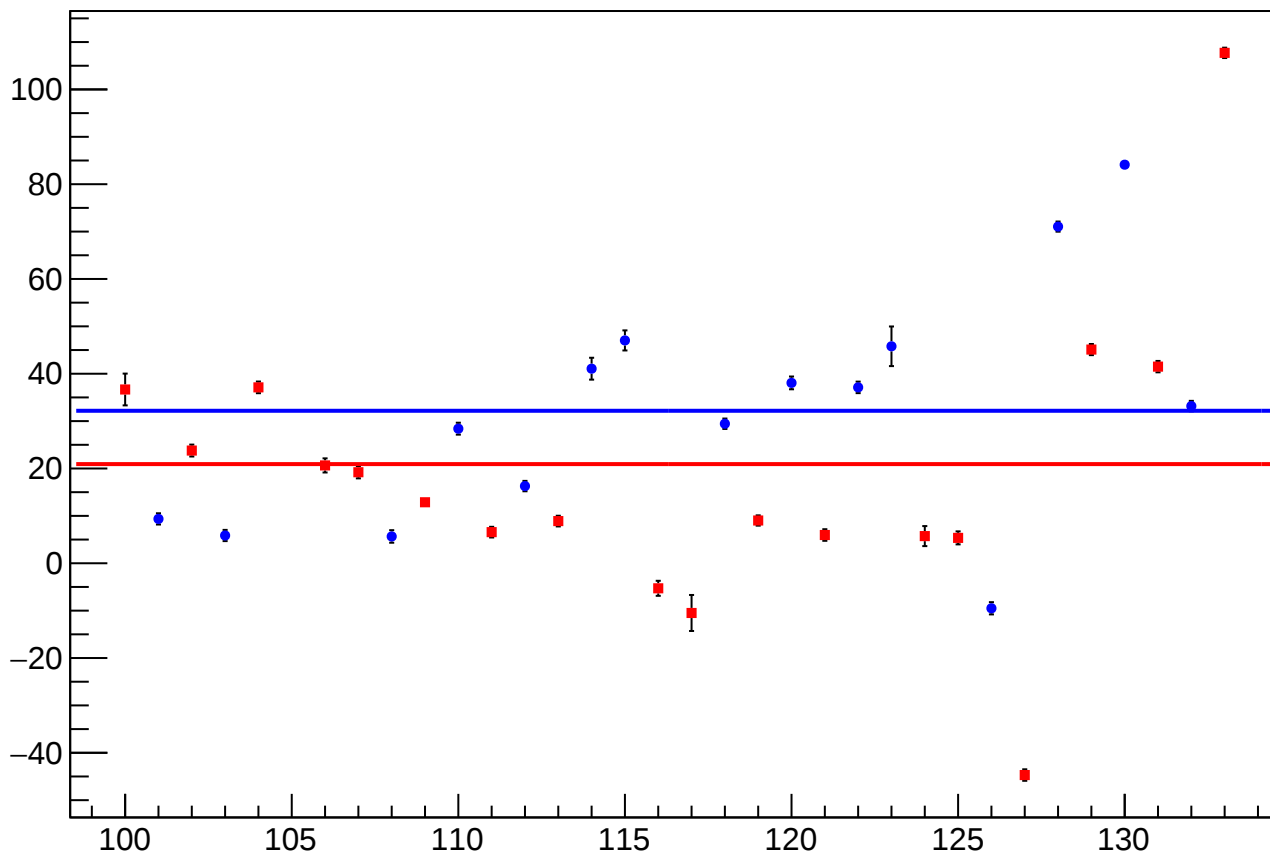
634.491+/-0.188 χ^2/NDF : 19550.8/14

Right Out: 631.515+/-0.175 χ^2/NDF : 23857.0/17

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

631.515+/-0.175 χ^2/NDF : 23857.0/17

diff_bpm1i04X_mean vs Slug



Right In: 32.181+/-0.330 χ^2/NDF : 6350.1/14

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

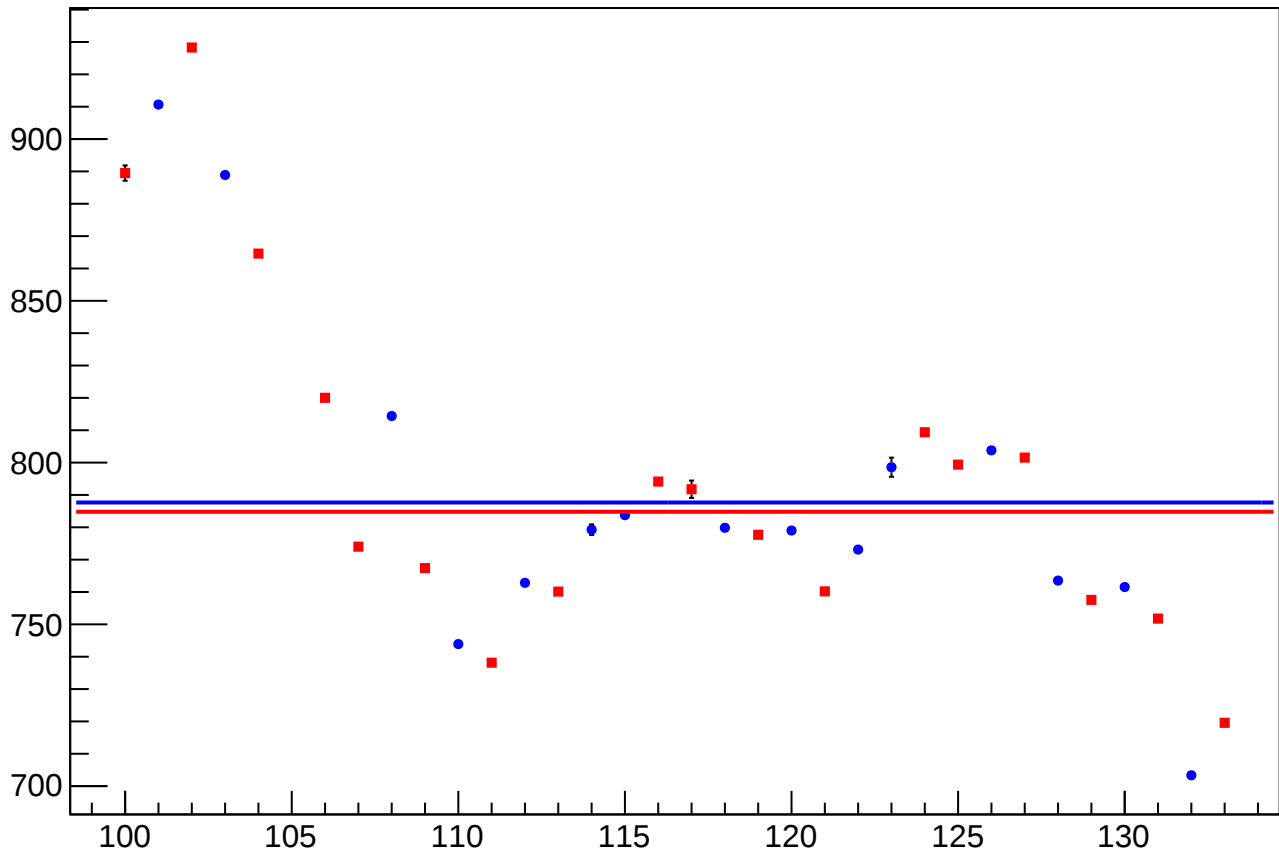
Right Out: 20.928+/-0.308 χ^2/NDF : 11249.8/17

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

32.181+/-0.330 χ^2/NDF : 6350.1/14

20.928+/-0.308 χ^2/NDF : 11249.8/17

diff_bpm1i04X_rms vs Slug



Right In: 787.664 $\pm$ 0.234 χ^2 /NDF: 55101.9/14

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

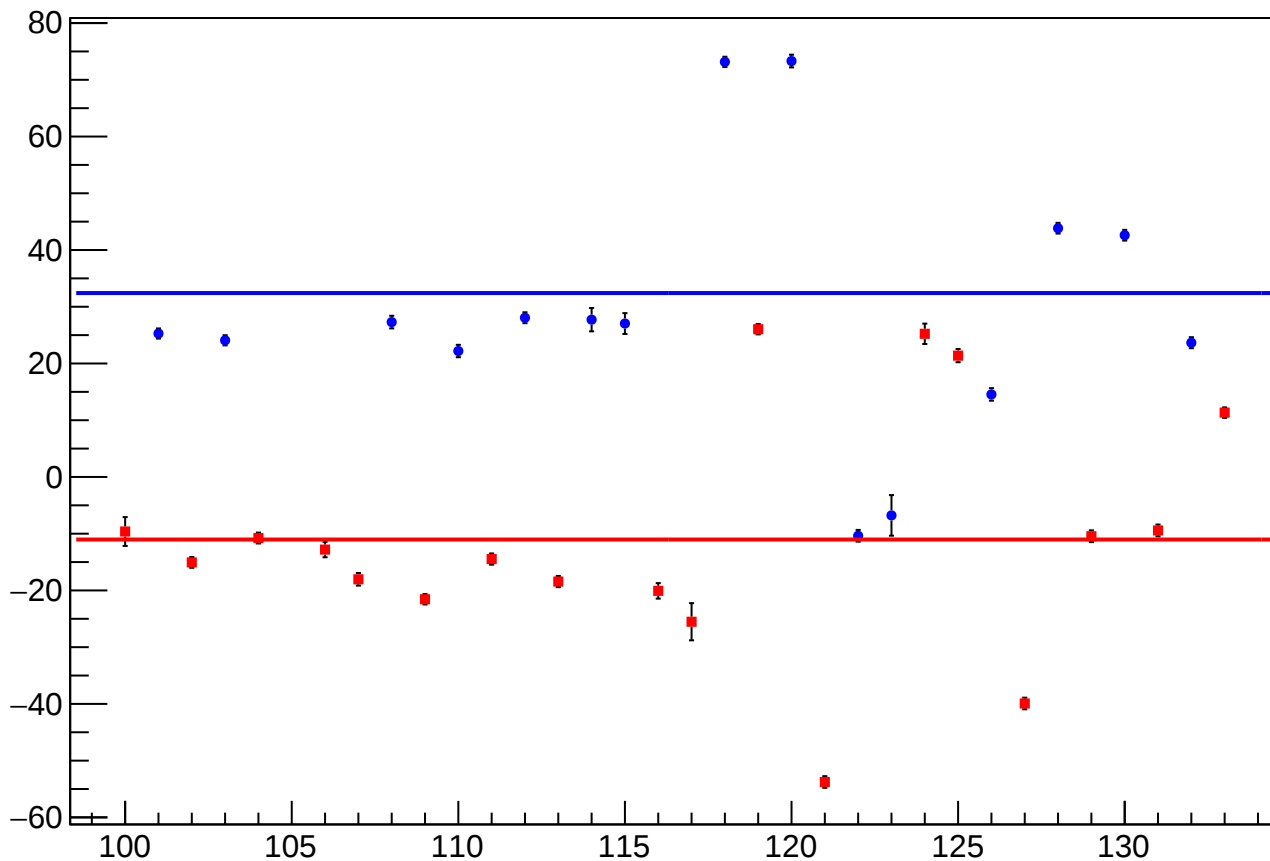
Right Out: 784.805 $\pm$ 0.218 χ^2 /NDF: 54151.8/17

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

787.664 $\pm$ 0.234 χ^2 /NDF: 55101.9/14

784.805 $\pm$ 0.218 χ^2 /NDF: 54151.8/17

diff_bpm1i04Y_mean vs Slug



Right In: 32.415+/-0.279 χ^2 /NDF: 6071.2/14

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

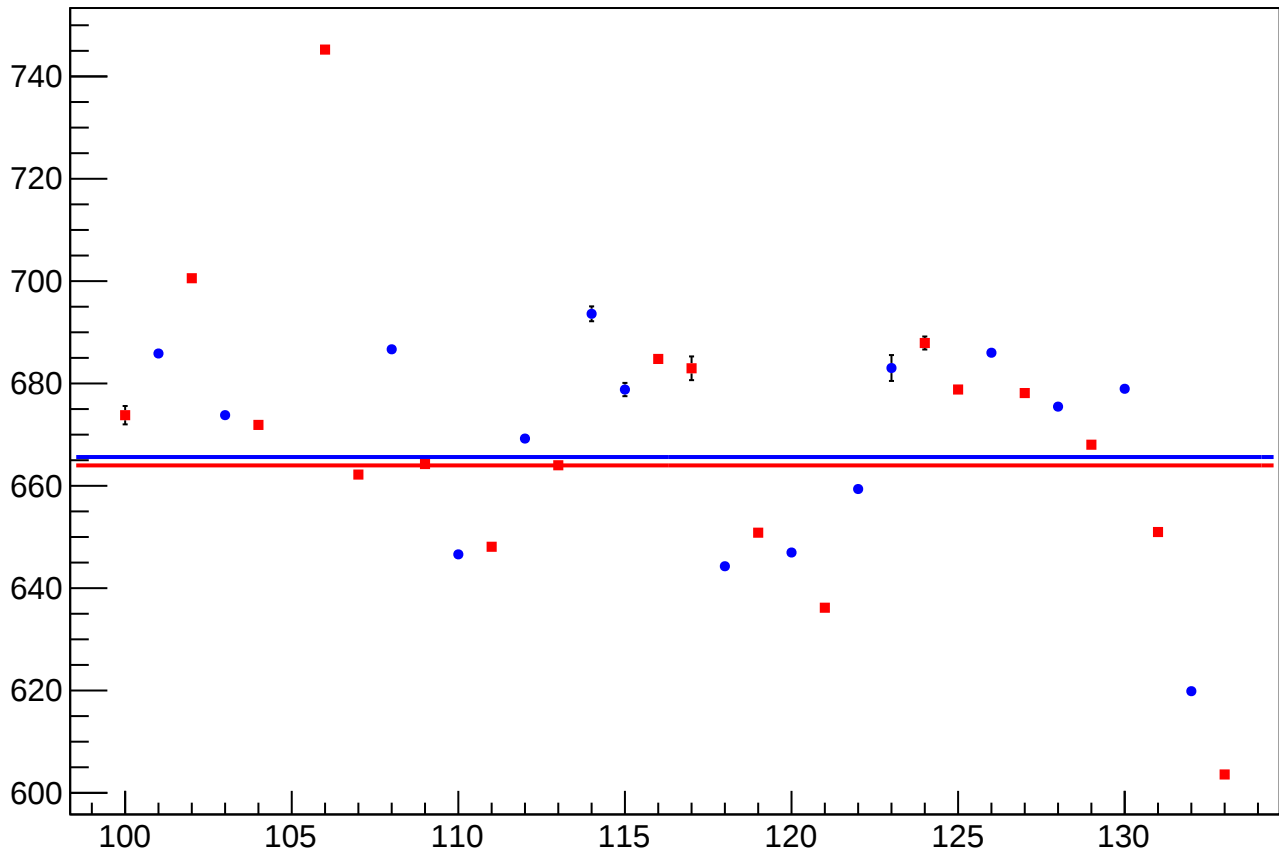
Right Out: -11.025+/-0.260 χ^2 /NDF: 6298.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

32.415+/-0.279 χ^2 /NDF: 6071.2/14

-11.025+/-0.260 χ^2 /NDF: 6298.6/17

diff_bpm1i04Y_rms vs Slug



Right In: 665.626 $\pm$ 0.197 χ^2 /NDF: 10514.1/14

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

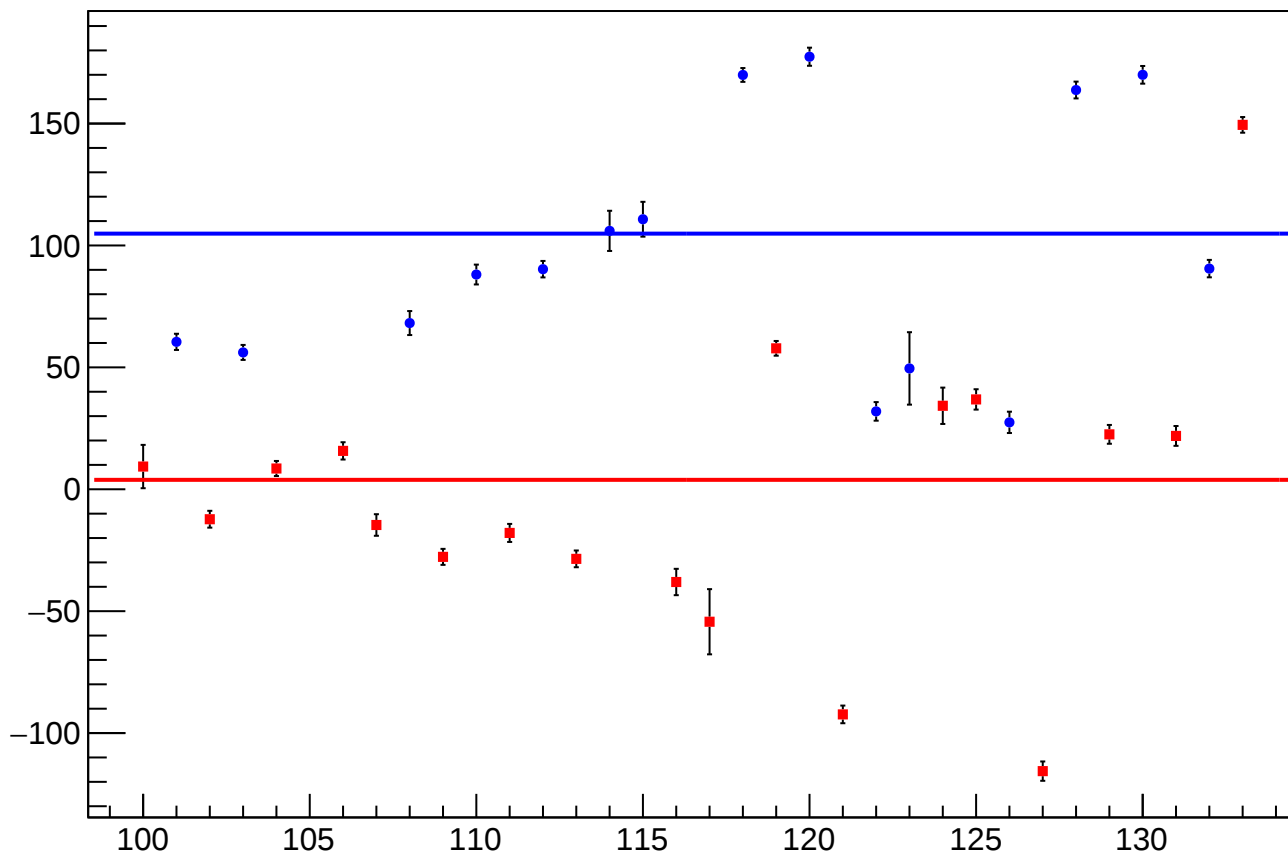
Right Out: 663.987 $\pm$ 0.184 χ^2 /NDF: 23301.3/17

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

665.626 $\pm$ 0.197 χ^2 /NDF: 10514.1/14

663.987 $\pm$ 0.184 χ^2 /NDF: 23301.3/17

diff_bpm1i06X_mean vs Slug



Right In: 104.854 $\pm$ 1.009 χ^2 /NDF: 2755.4/14

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

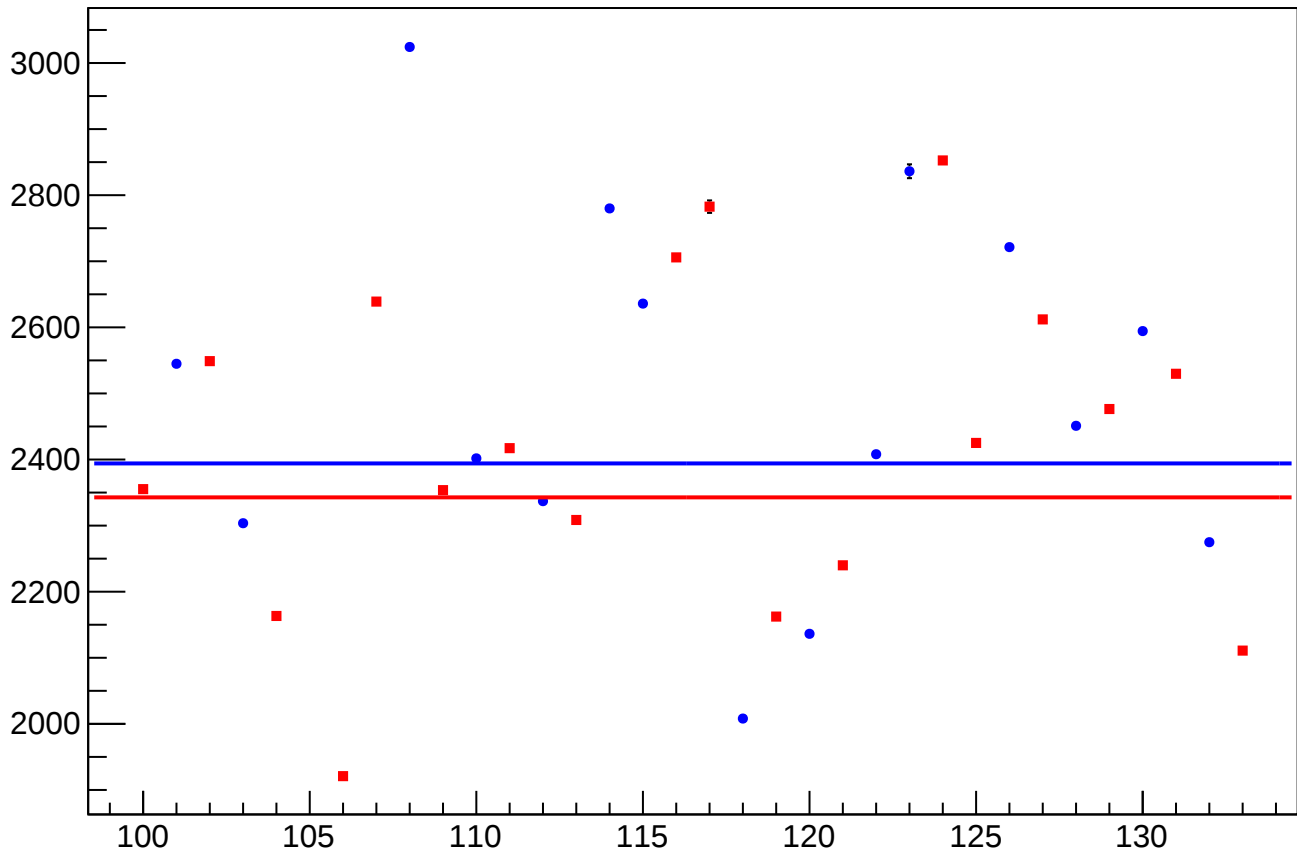
Right Out: 3.868 $\pm$ 0.924 χ^2 /NDF: 4453.4/17

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

104.854 $\pm$ 1.009 χ^2 /NDF: 2755.4/14

3.868 $\pm$ 0.924 χ^2 /NDF: 4453.4/17

diff_bpm1i06X_rms vs Slug



Right In: 2394.097+/-0.714 χ^2/NDF : 114586.3/14

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

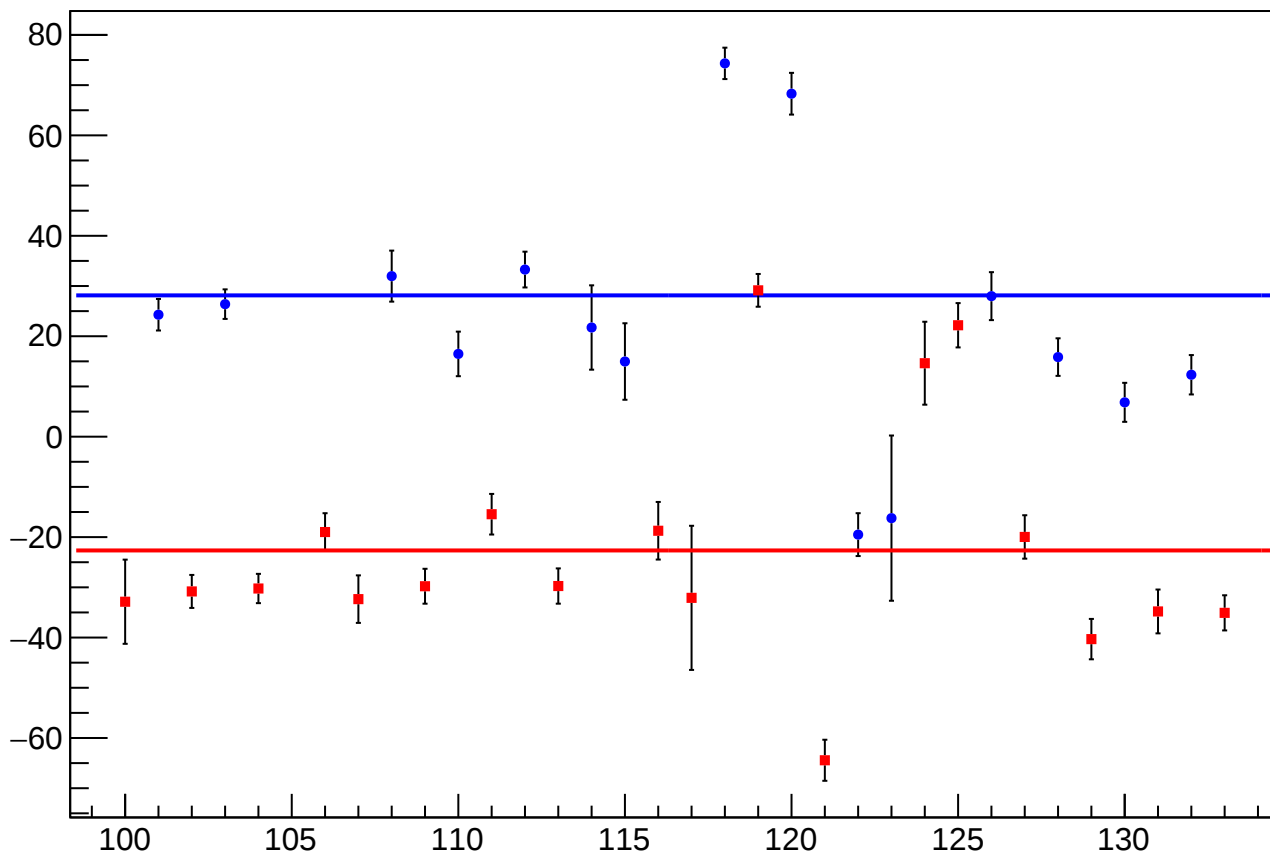
Right Out: 2342.731+/-0.653 χ^2/NDF : 108482.3/17

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

2394.097+/-0.714 χ^2/NDF : 114586.3/14

2342.731+/-0.653 χ^2/NDF : 108482.3/17

diff_bpm1i06Y_mean vs Slug



Right In: 28.136+/-1.065 χ^2/NDF : 515.7/14

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

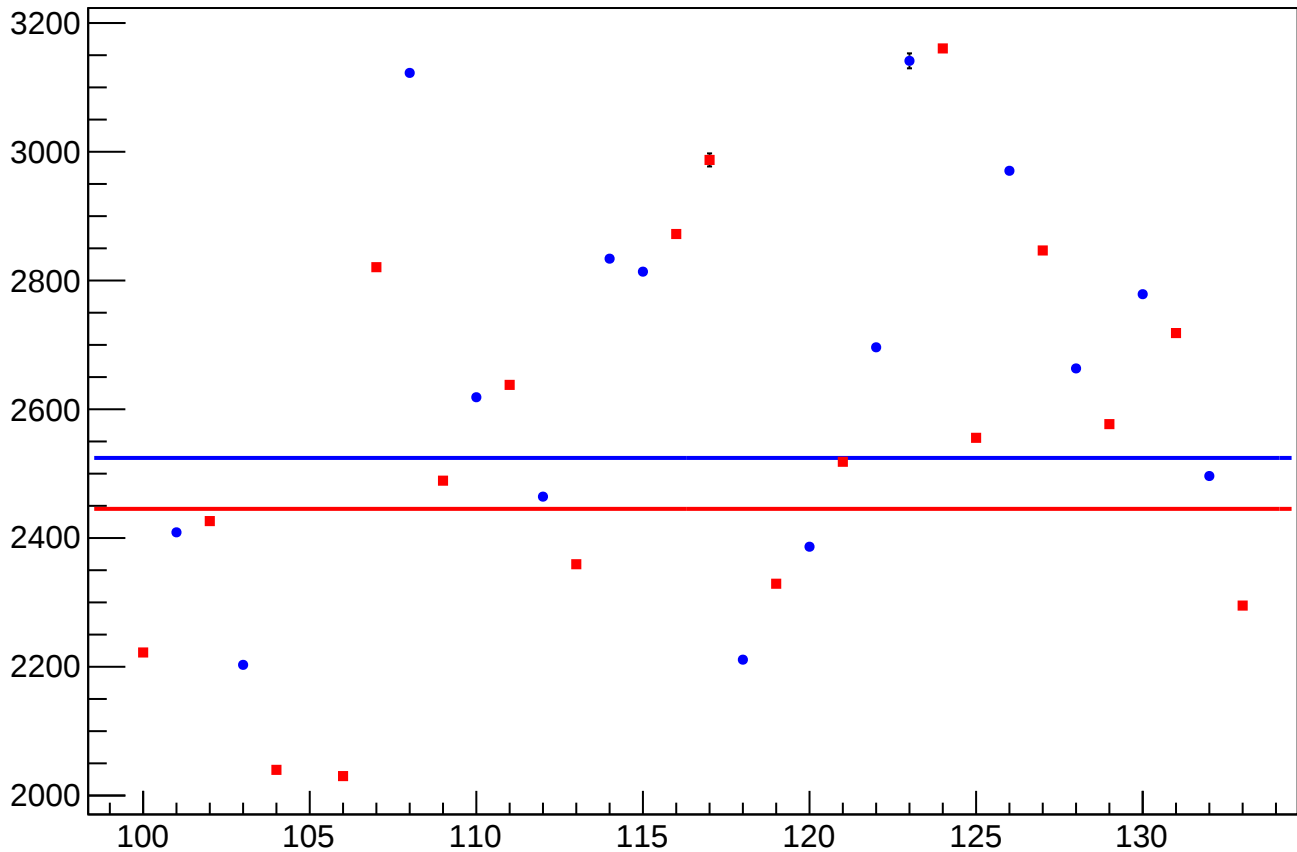
Right Out: -22.655+/-0.967 χ^2/NDF : 552.0/17

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

28.136+/-1.065 χ^2/NDF : 515.7/14

-22.655+/-0.967 χ^2/NDF : 552.0/17

diff_bpm1i06Y_rms vs Slug



Right In: 2524.421+/-0.753 χ^2/NDF : 118634.4/14

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

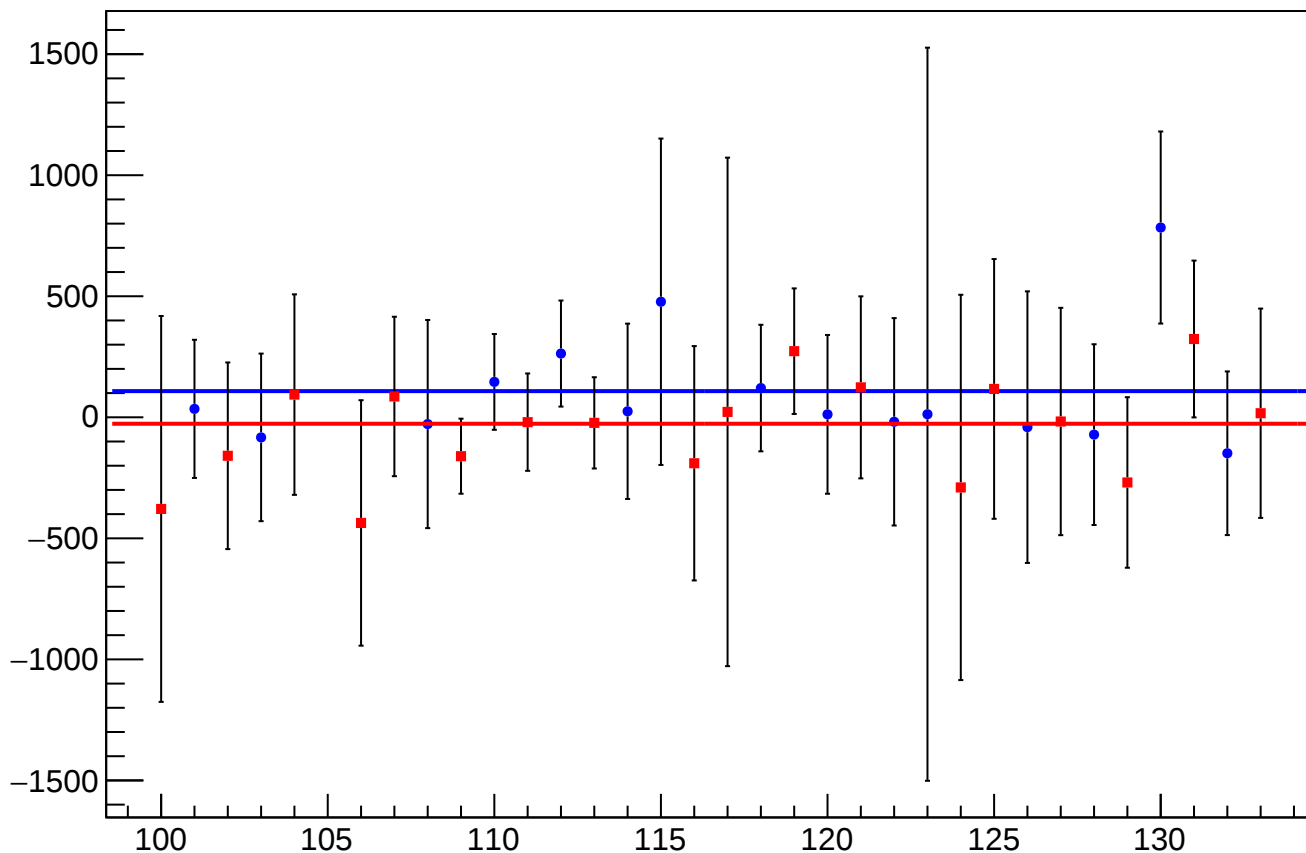
Right Out: 2445.306+/-0.684 χ^2/NDF : 147561.6/17

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

2524.421+/-0.753 χ^2/NDF : 118634.4/14

2445.306+/-0.684 χ^2/NDF : 147561.6/17

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 108.112 $\pm$ 85.266 χ^2/NDF : 5.3/14

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

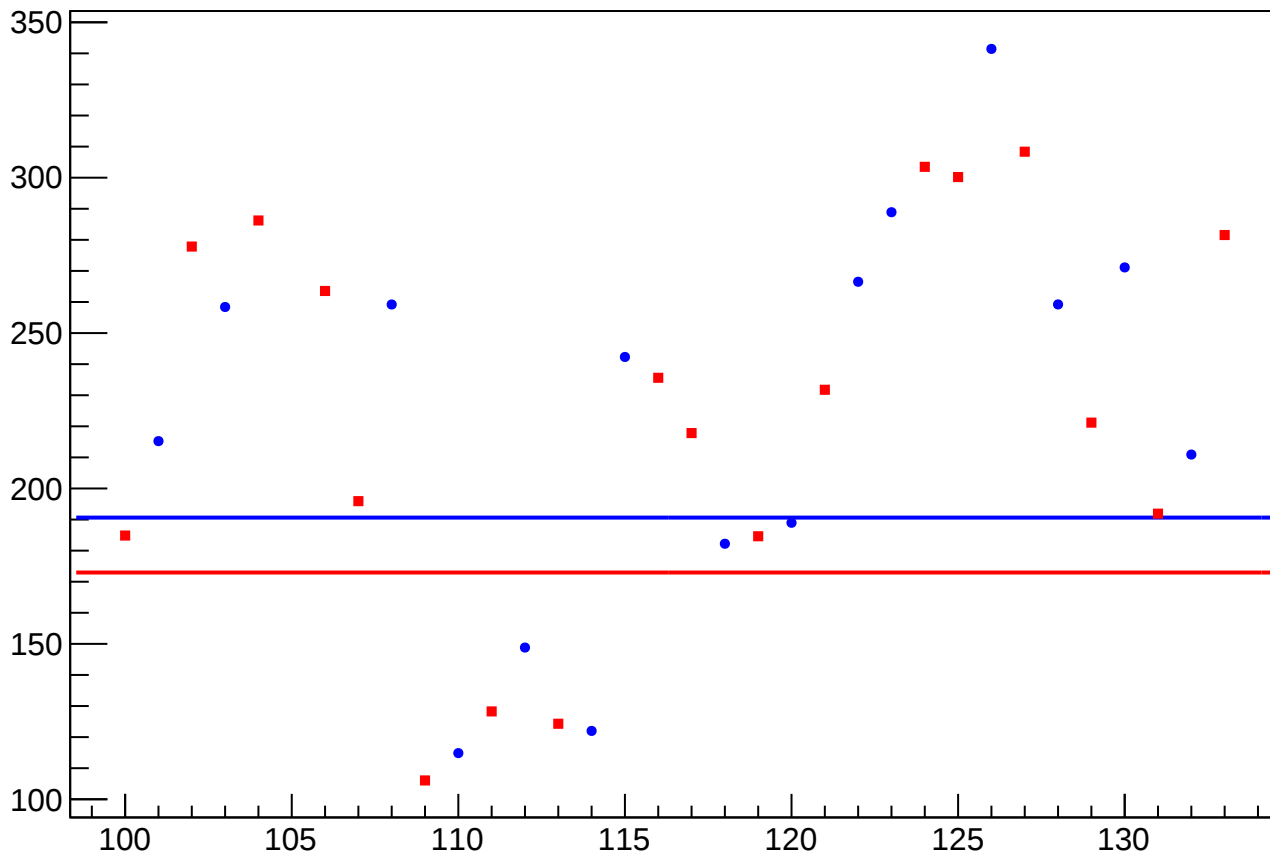
Right Out: -26.656 $\pm$ 74.248 χ^2/NDF : 5.4/17

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

108.112 $\pm$ 85.266 χ^2/NDF : 5.3/14

-26.656 $\pm$ 74.248 χ^2/NDF : 5.4/17

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.633+/-0.060 χ^2/NDF : 967300.4/14

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

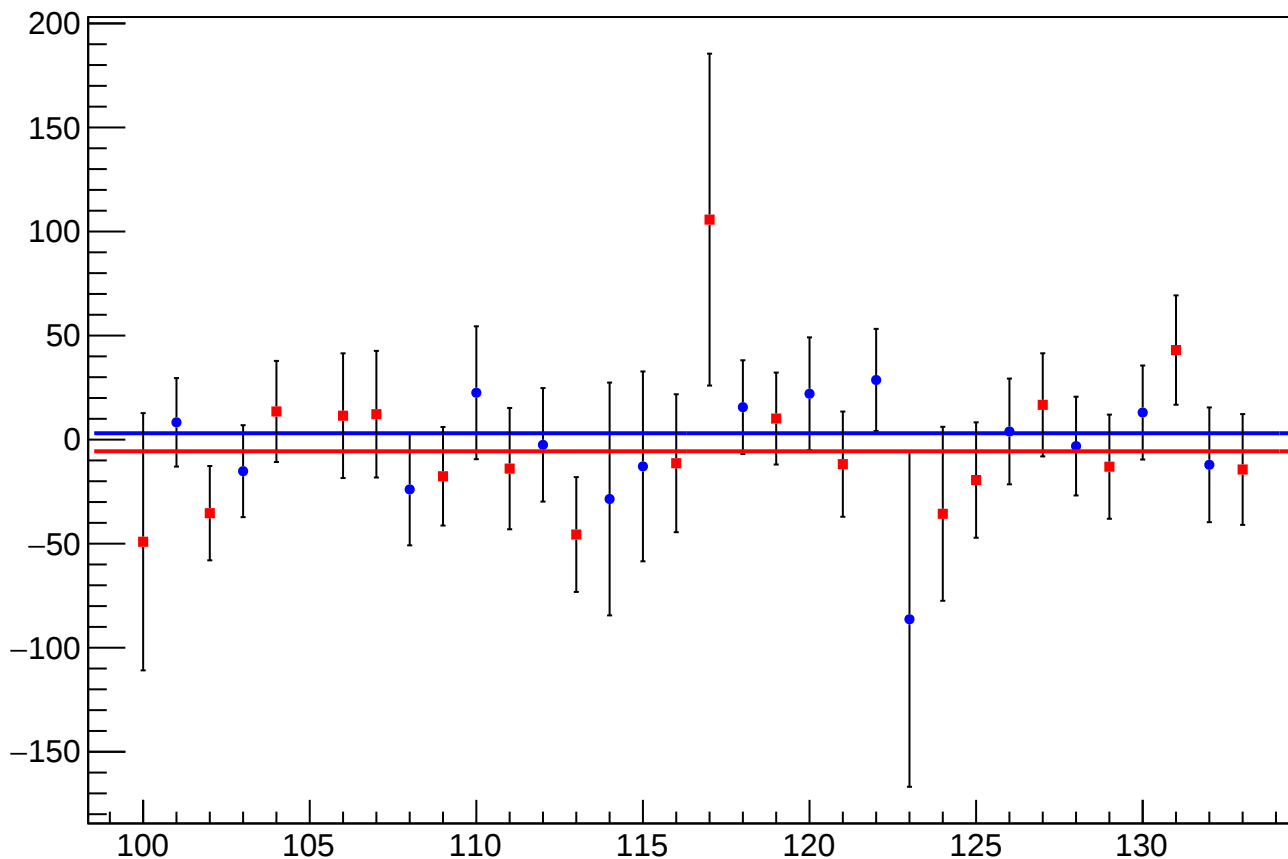
Right Out: 172.959+/-0.053 χ^2/NDF : 1569679.2/17

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

190.633+/-0.060 χ^2/NDF : 967300.4/14

172.959+/-0.053 χ^2/NDF : 1569679.2/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 3.059+/-6.982 χ^2/NDF : 6.3/14

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

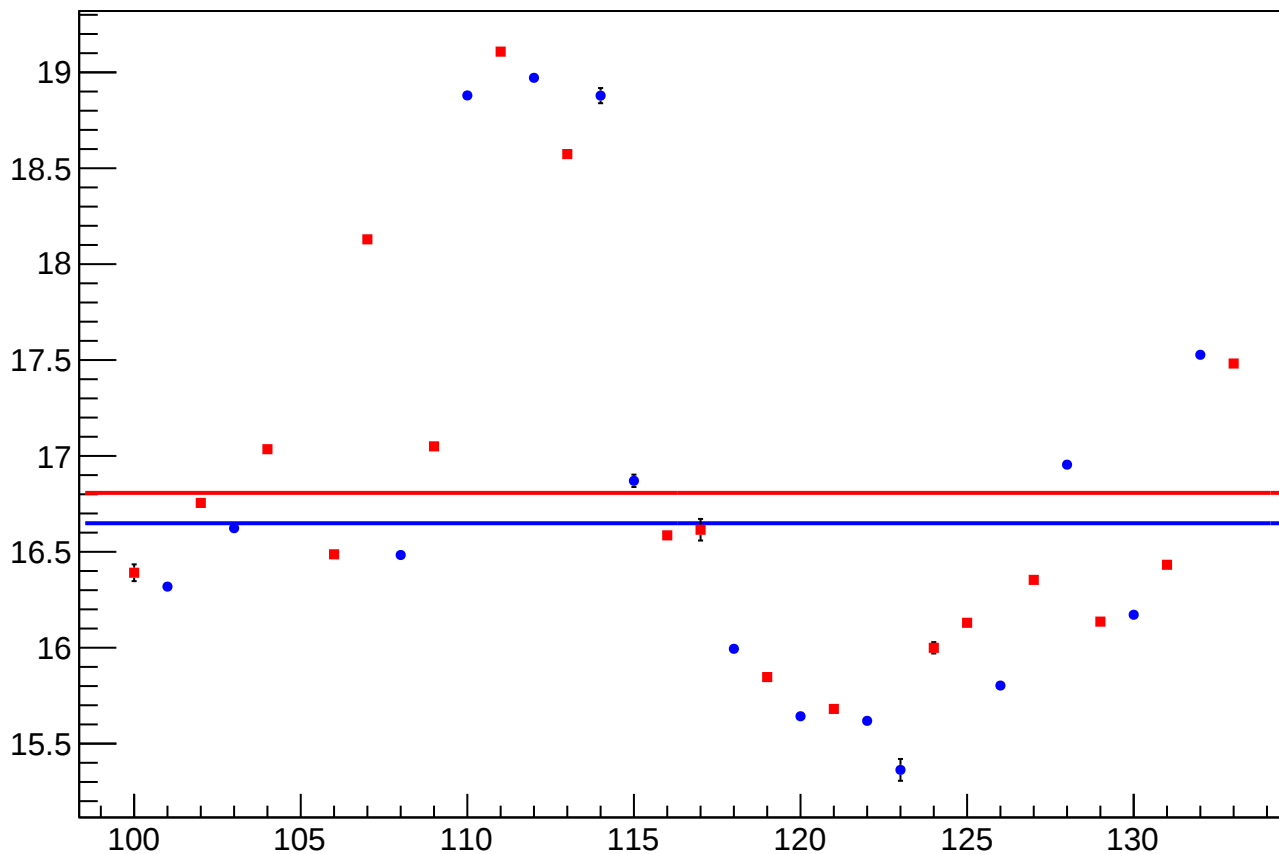
Right Out: -5.610+/-6.593 χ^2/NDF : 13.7/17

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

3.059+/-6.982 χ^2/NDF : 6.3/14

-5.610+/-6.593 χ^2/NDF : 13.7/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.649+/-0.005 χ^2 /NDF: 41994.4/14

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

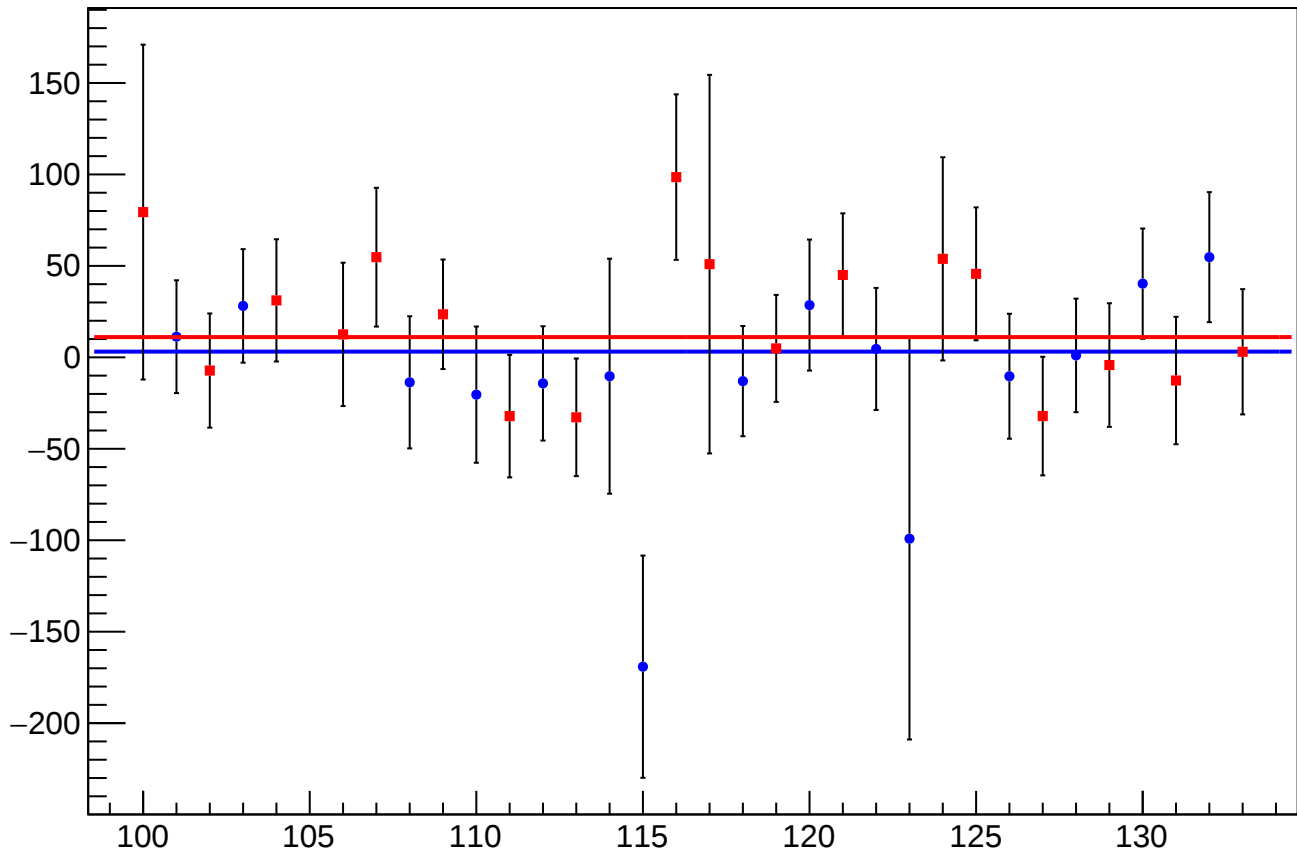
Right Out: 16.807+/-0.005 χ^2 /NDF: 38738.9/17

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

16.649+/-0.005 χ^2 /NDF: 41994.4/14

16.807+/-0.005 χ^2 /NDF: 38738.9/17

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 3.125 $\pm$ 9.219 χ^2 /NDF: 15.2/14

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

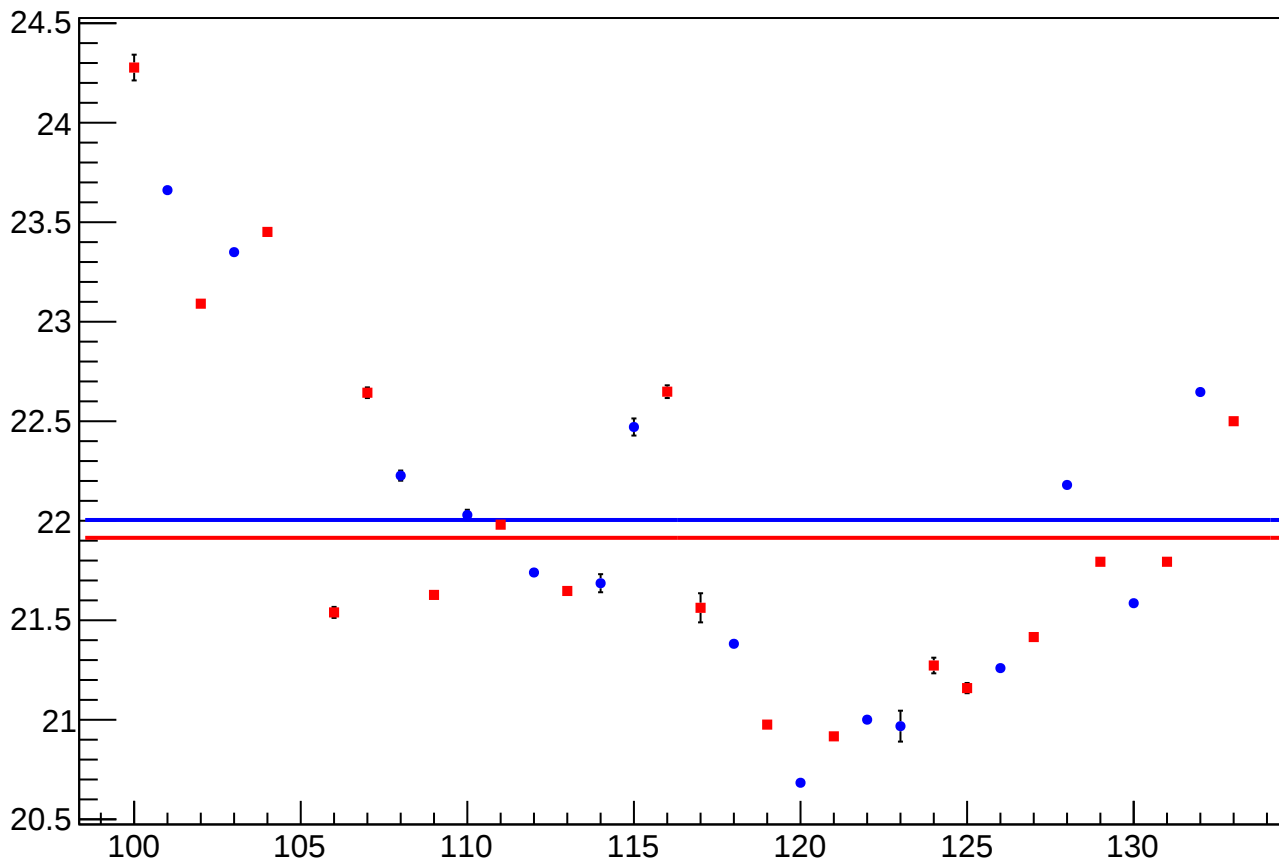
Right Out: 11.068 $\pm$ 8.582 χ^2 /NDF: 15.2/17

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

3.125 $\pm$ 9.219 χ^2 /NDF: 15.2/14

11.068 $\pm$ 8.582 χ^2 /NDF: 15.2/17

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.004+/-0.007 χ^2/NDF : 17537.0/14

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

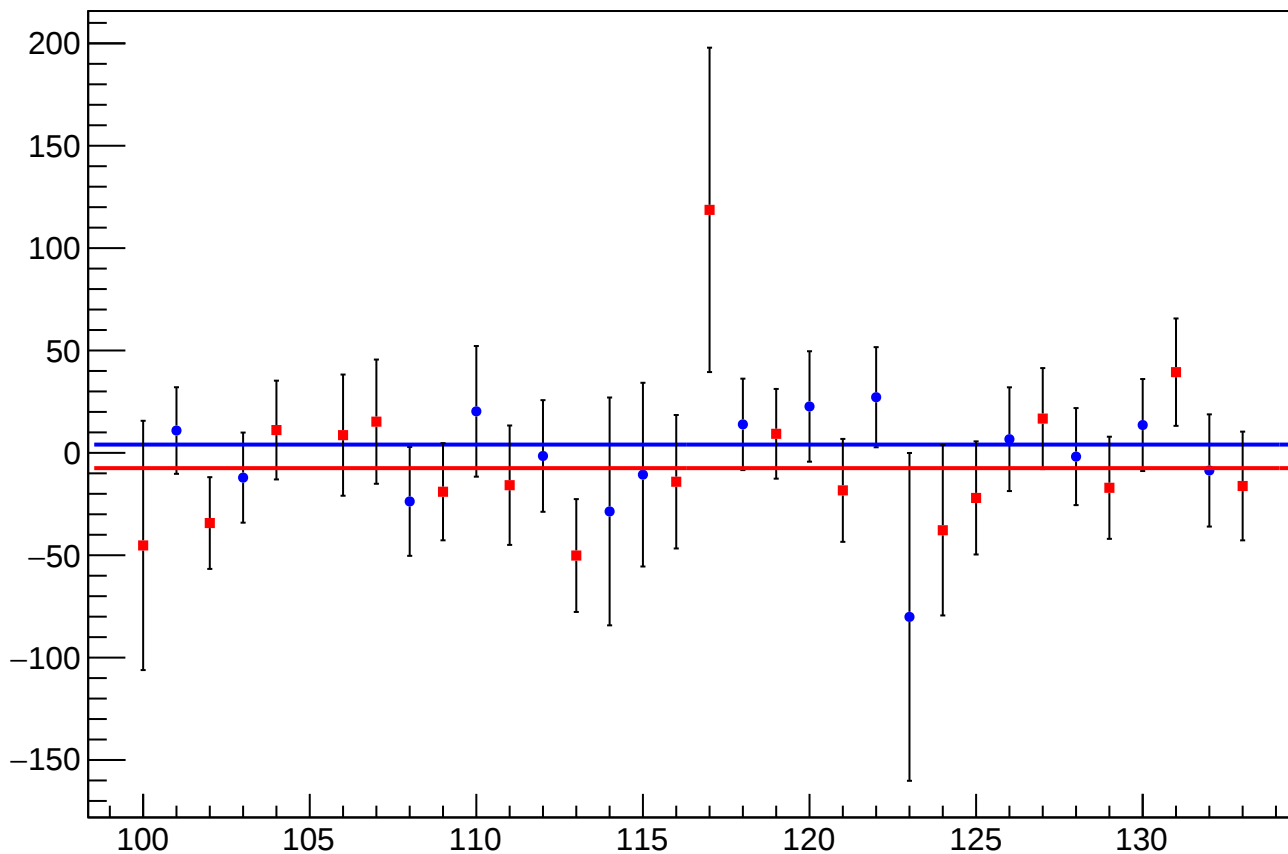
Right Out: 21.914+/-0.006 χ^2/NDF : 16254.1/17

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

22.004+/-0.007 χ^2/NDF : 17537.0/14

21.914+/-0.006 χ^2/NDF : 16254.1/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 4.045+/-6.946 χ^2/NDF : 5.6/14

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

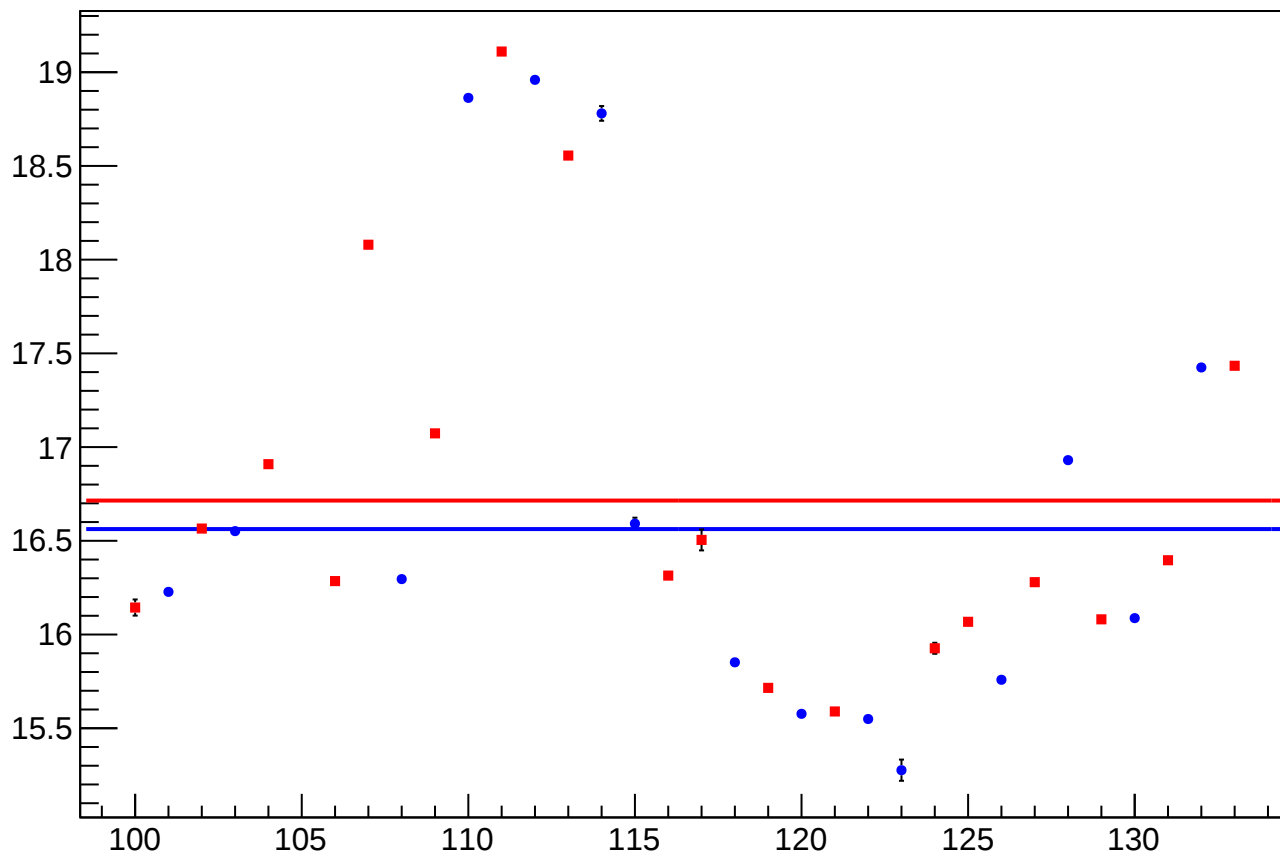
Right Out: -7.458+/-6.557 χ^2/NDF : 14.6/17

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

4.045+/-6.946 χ^2/NDF : 5.6/14

-7.458+/-6.557 χ^2/NDF : 14.6/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.563+/-0.005 χ^2/NDF : 43755.7/14

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

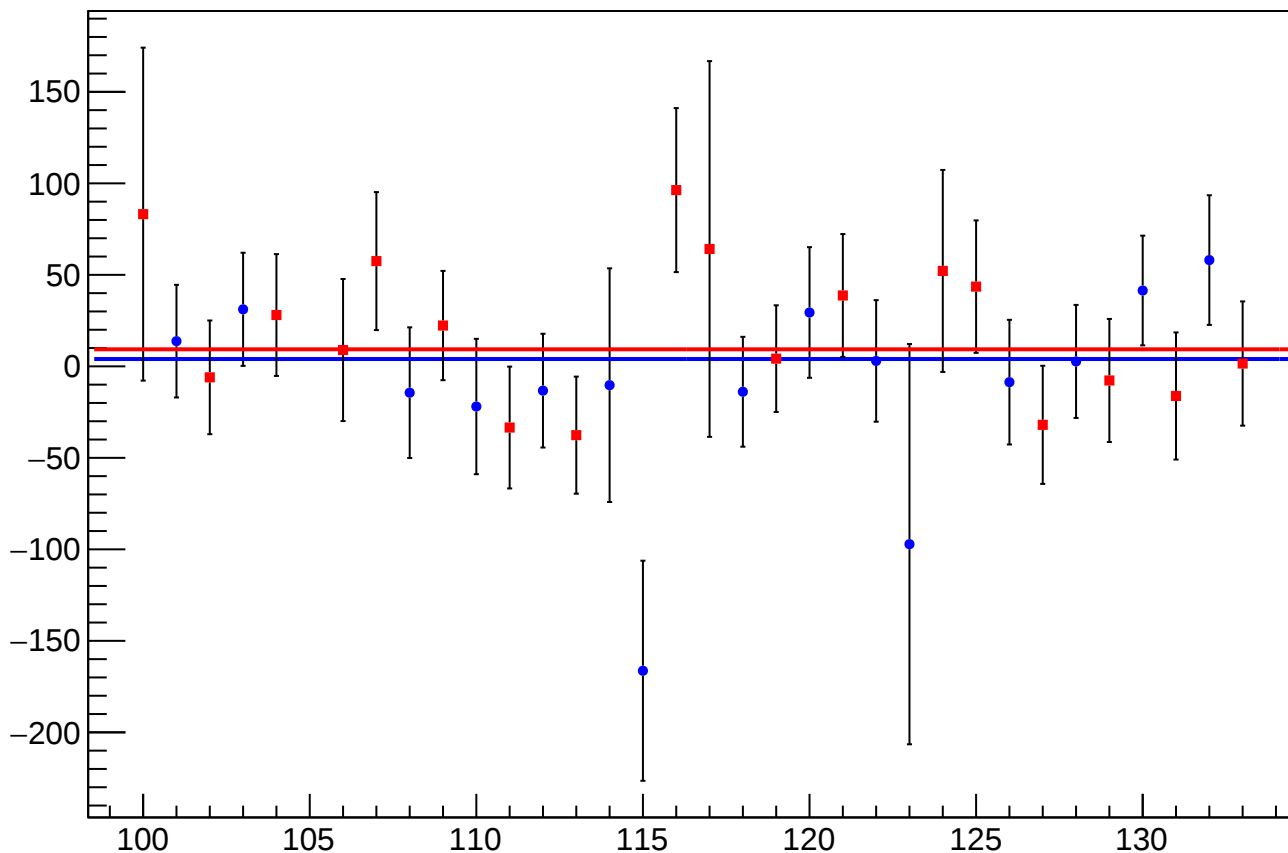
Right Out: 16.715+/-0.005 χ^2/NDF : 41716.6/17

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

16.563+/-0.005 χ^2/NDF : 43755.7/14

16.715+/-0.005 χ^2/NDF : 41716.6/17

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 4.005+/-9.175 χ^2/NDF : 15.8/14

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

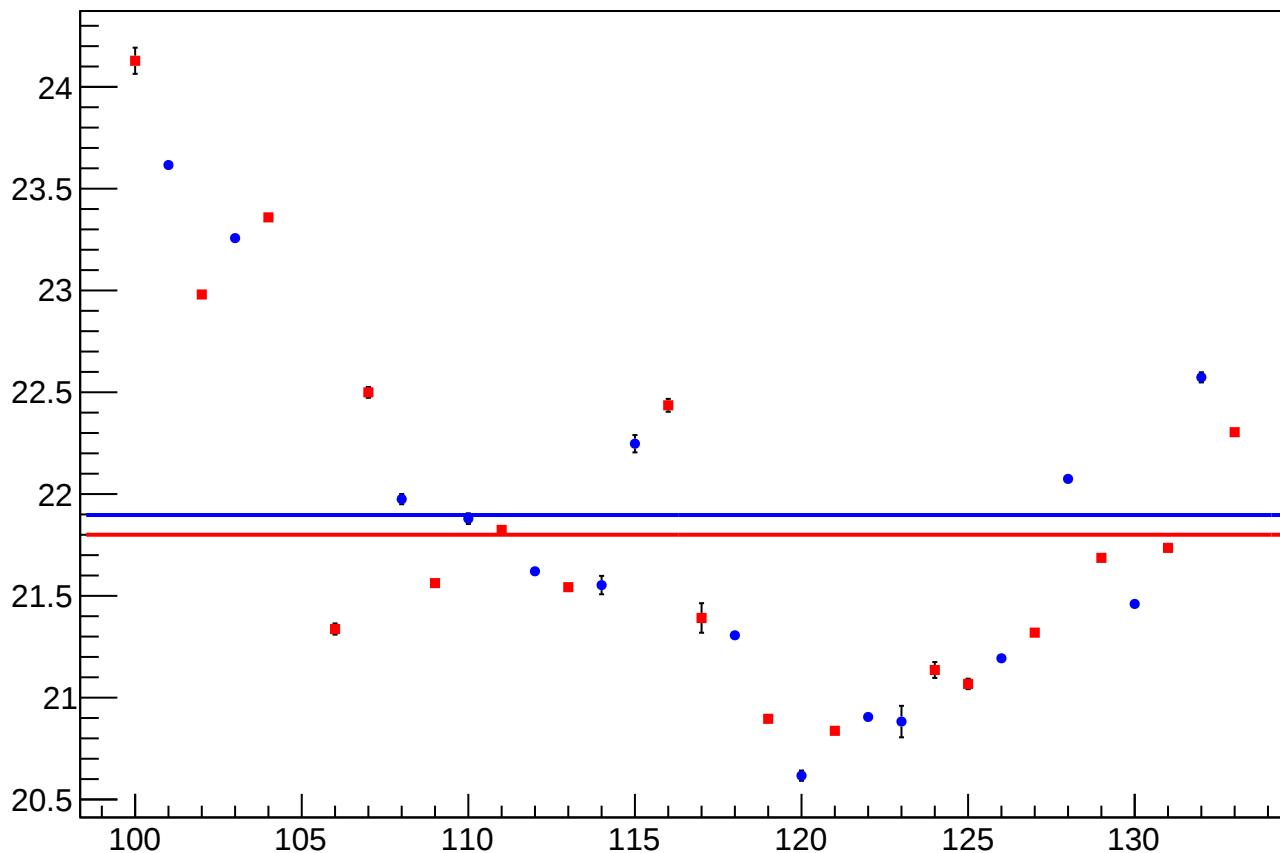
Right Out: 9.316+/-8.537 χ^2/NDF : 15.7/17

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

4.005+/-9.175 χ^2/NDF : 15.8/14

9.316+/-8.537 χ^2/NDF : 15.7/17

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.897+/-0.006 χ^2/NDF : 17783.8/14

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

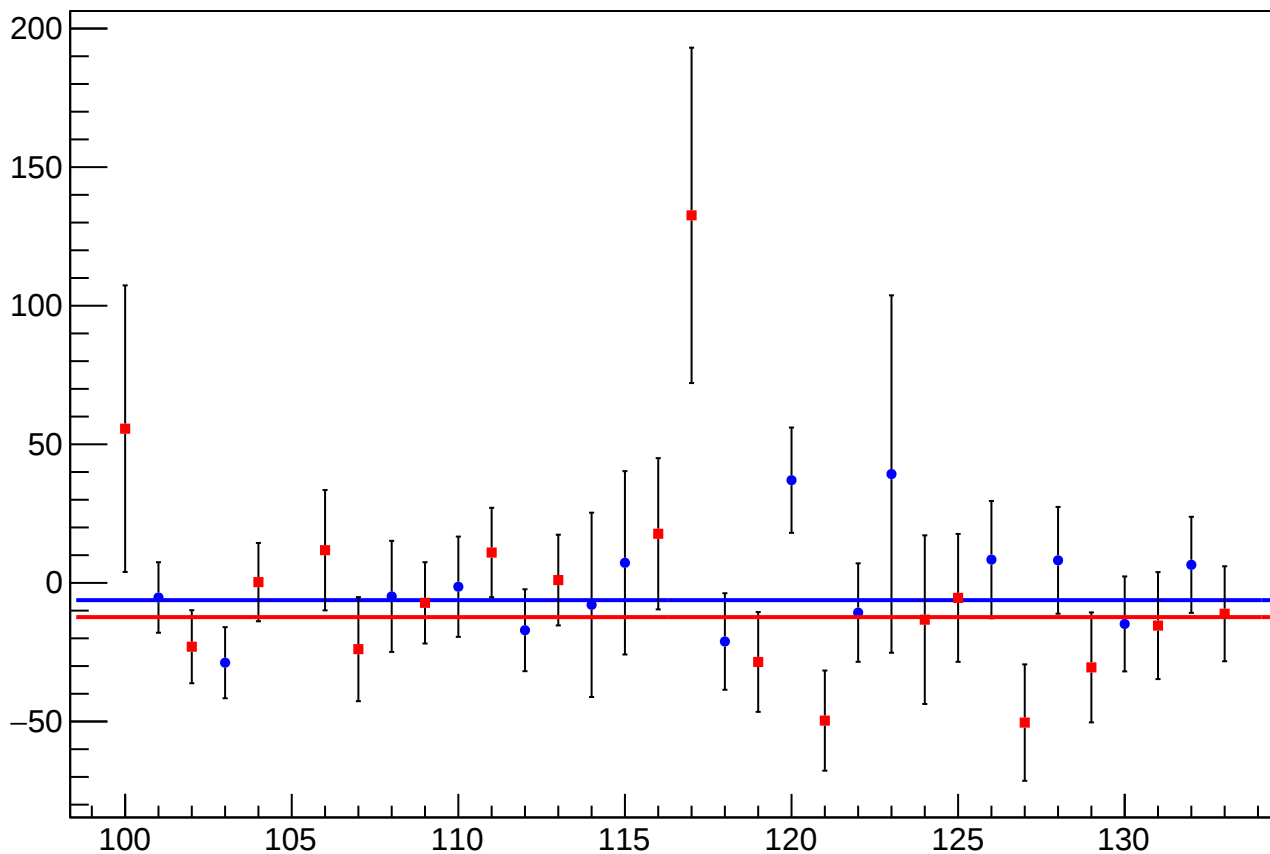
Right Out: 21.800+/-0.006 χ^2/NDF : 15841.9/17

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

21.897+/-0.006 χ^2/NDF : 17783.8/14

21.800+/-0.006 χ^2/NDF : 15841.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -6.222 $\pm$ 4.696 χ^2/NDF : 12.2/14

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

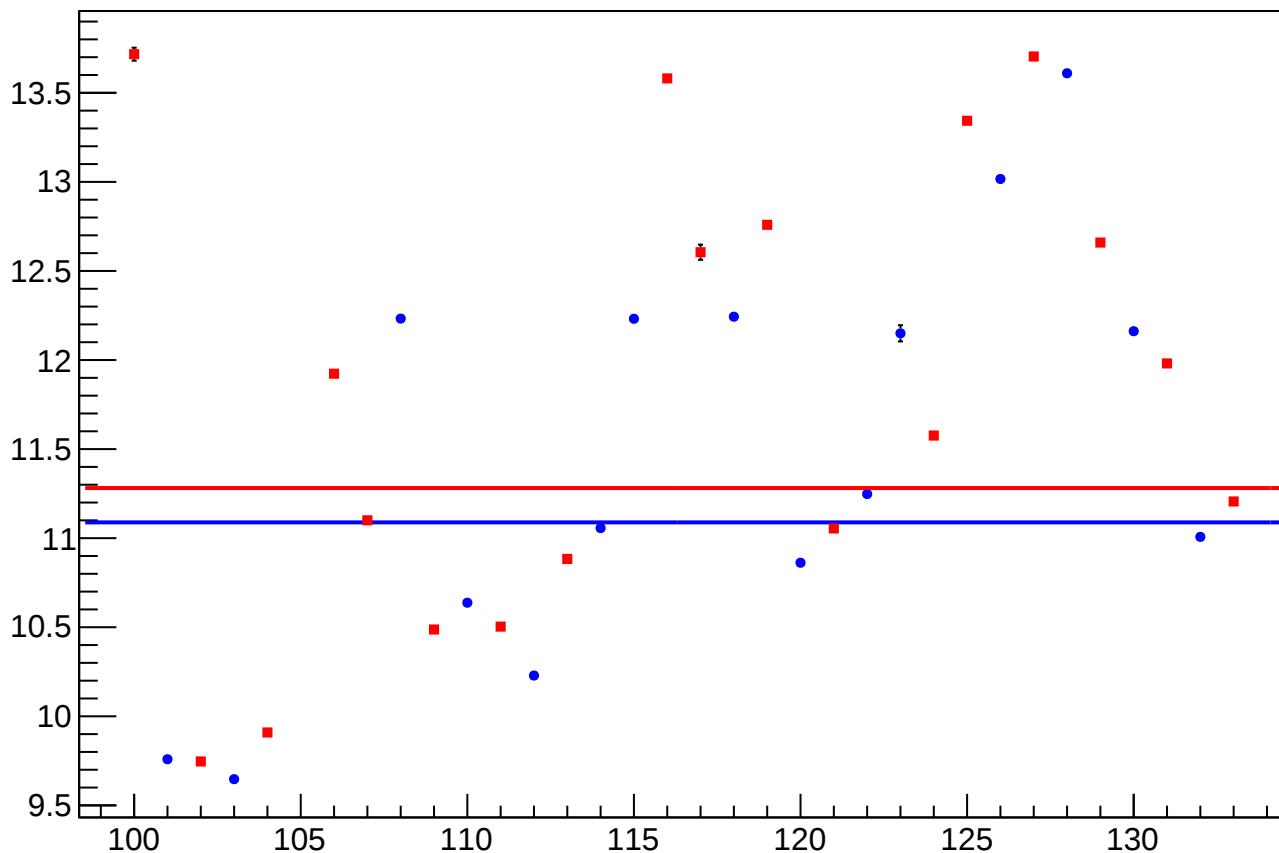
Right Out: -12.341 $\pm$ 4.474 χ^2/NDF : 23.9/17

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

-6.222 $\pm$ 4.696 χ^2/NDF : 12.2/14

-12.341 $\pm$ 4.474 χ^2/NDF : 23.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.089+/-0.003 χ^2/NDF : 132586.2/14

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

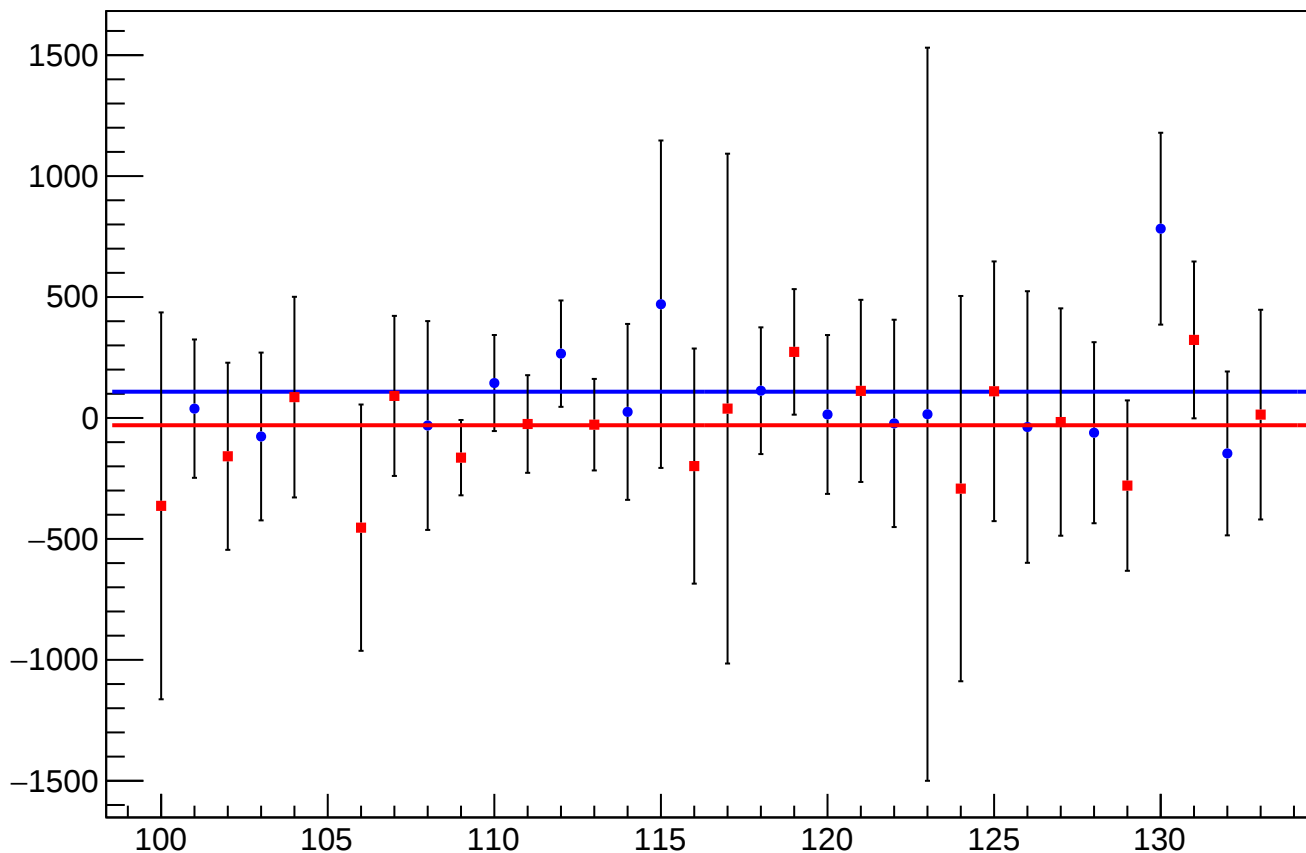
11.089+/-0.003 χ^2/NDF : 132586.2/14

Right Out: 11.281+/-0.003 χ^2/NDF : 148106.4/17

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

11.281+/-0.003 χ^2/NDF : 148106.4/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 108.583 $\pm$ 85.495 χ^2 /NDF: 5.2/14

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

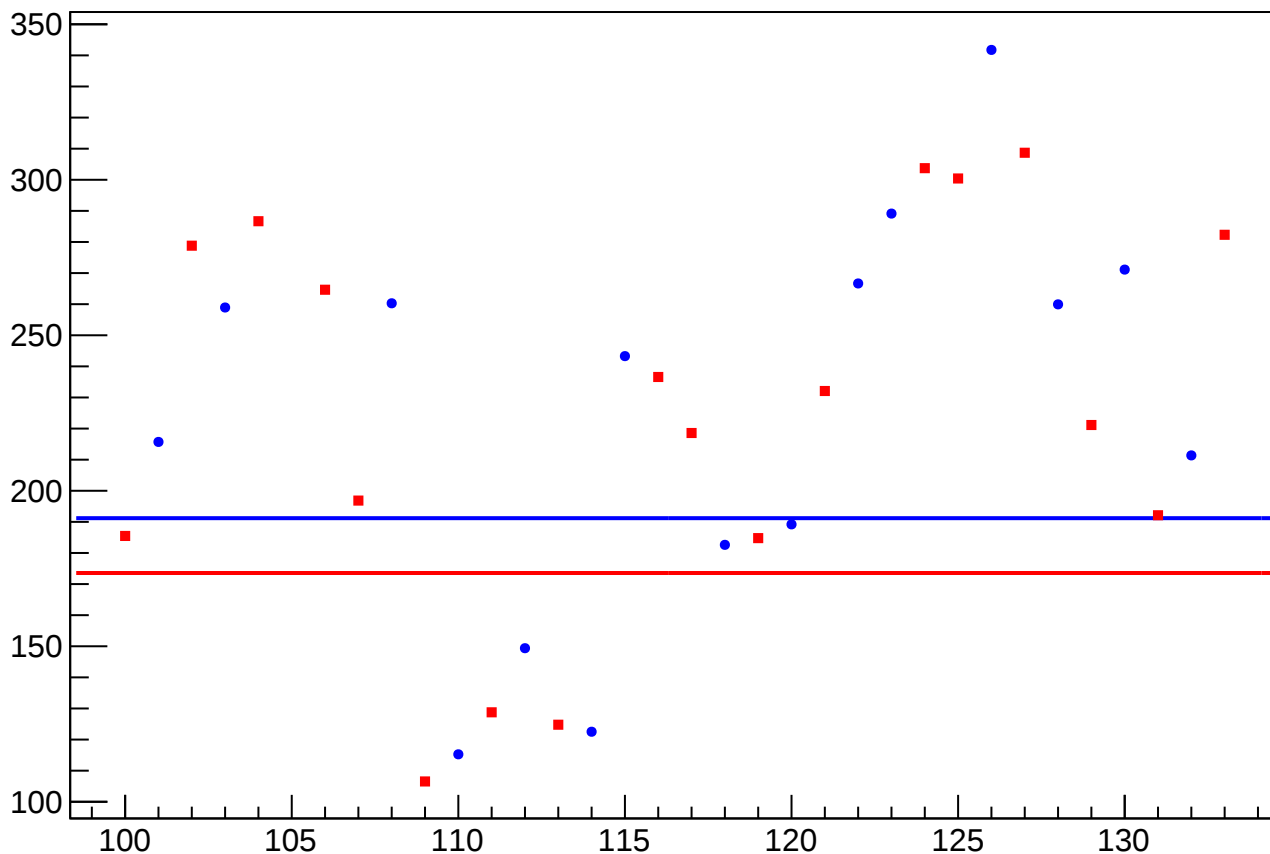
Right Out: -30.052 $\pm$ 74.479 χ^2 /NDF: 5.4/17

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

108.583 $\pm$ 85.495 χ^2 /NDF: 5.2/14

-30.052 $\pm$ 74.479 χ^2 /NDF: 5.4/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 191.190+/-0.060 χ^2/NDF : 962413.3/14

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

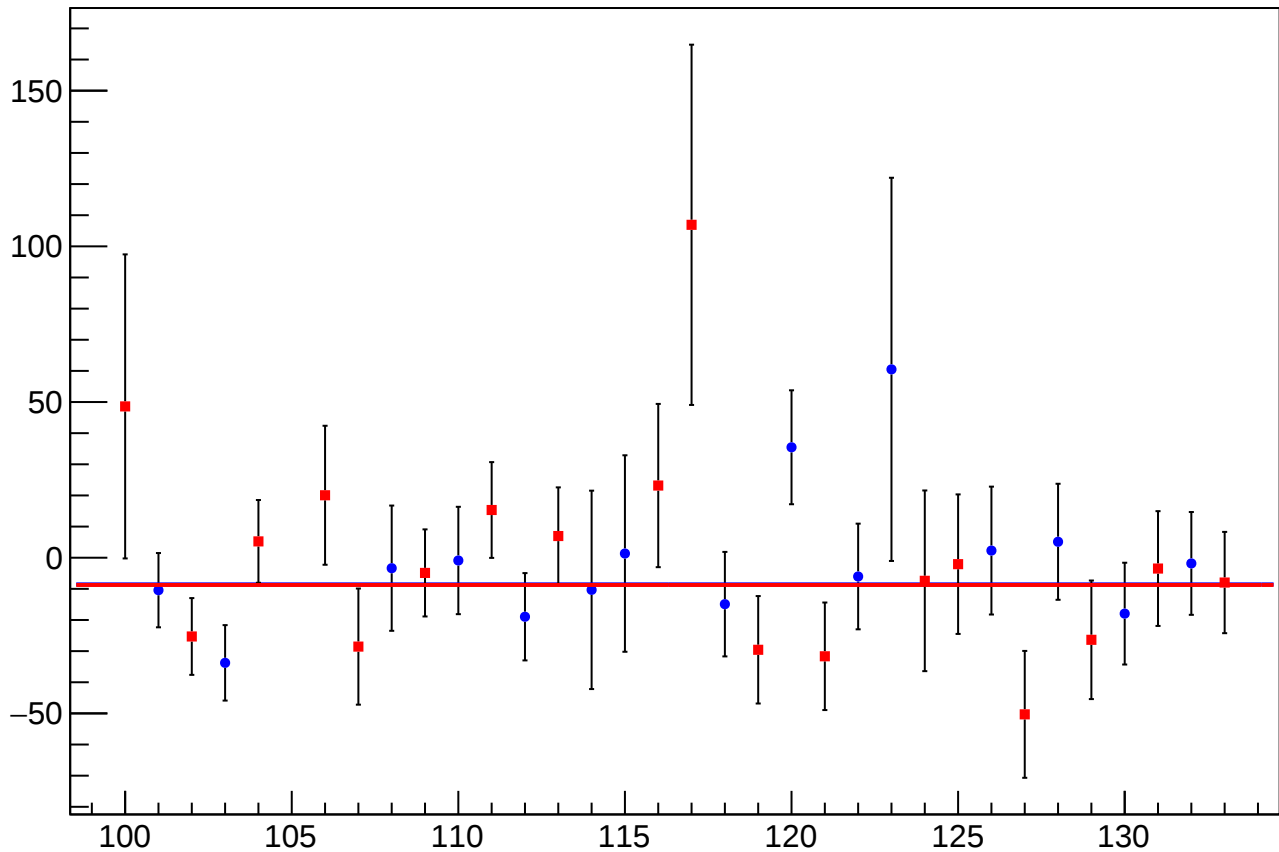
Right Out: 173.560+/-0.053 χ^2/NDF : 1561895.7/17

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

191.190+/-0.060 χ^2/NDF : 962413.3/14

173.560+/-0.053 χ^2/NDF : 1561895.7/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -8.564+/-4.486 χ^2/NDF : 13.8/14

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

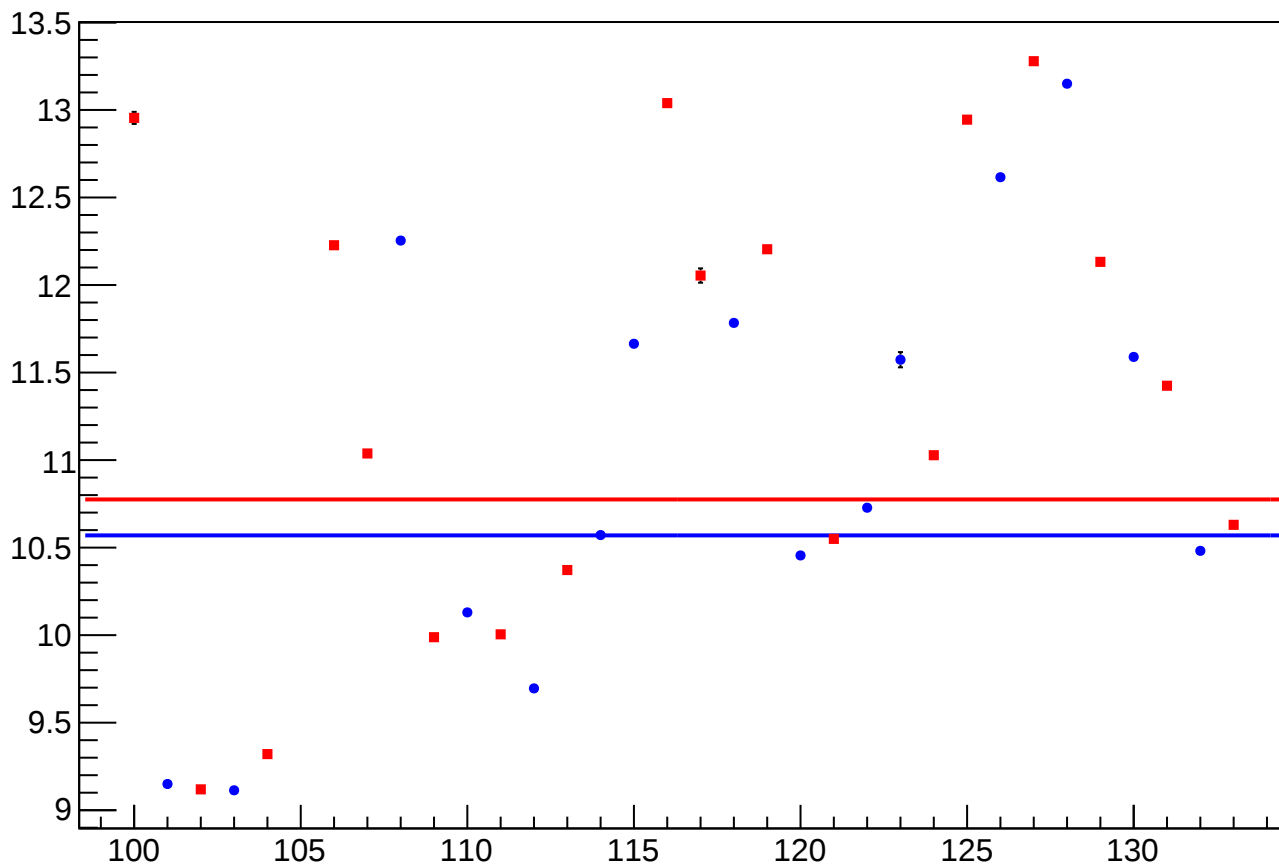
Right Out: -8.748+/-4.283 χ^2/NDF : 24.5/17

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

-8.564+/-4.486 χ^2/NDF : 13.8/14

-8.748+/-4.283 χ^2/NDF : 24.5/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.570+/-0.003 χ^2/NDF : 160017.4/14

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

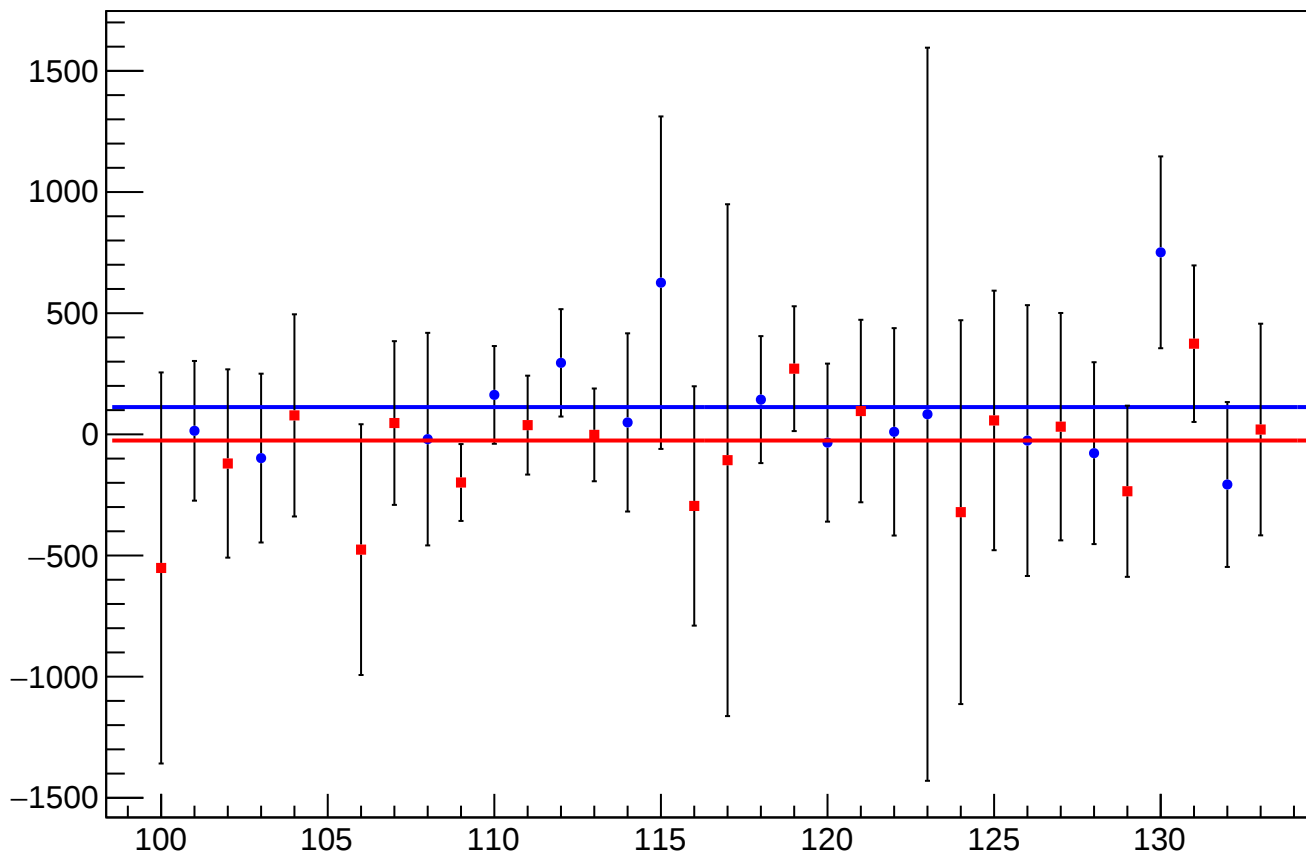
10.570+/-0.003 χ^2/NDF : 160017.4/14

Right Out: 10.775+/-0.003 χ^2/NDF : 177422.5/17

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

10.775+/-0.003 χ^2/NDF : 177422.5/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 112.539+/-86.023 χ^2/NDF : 6.0/14

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

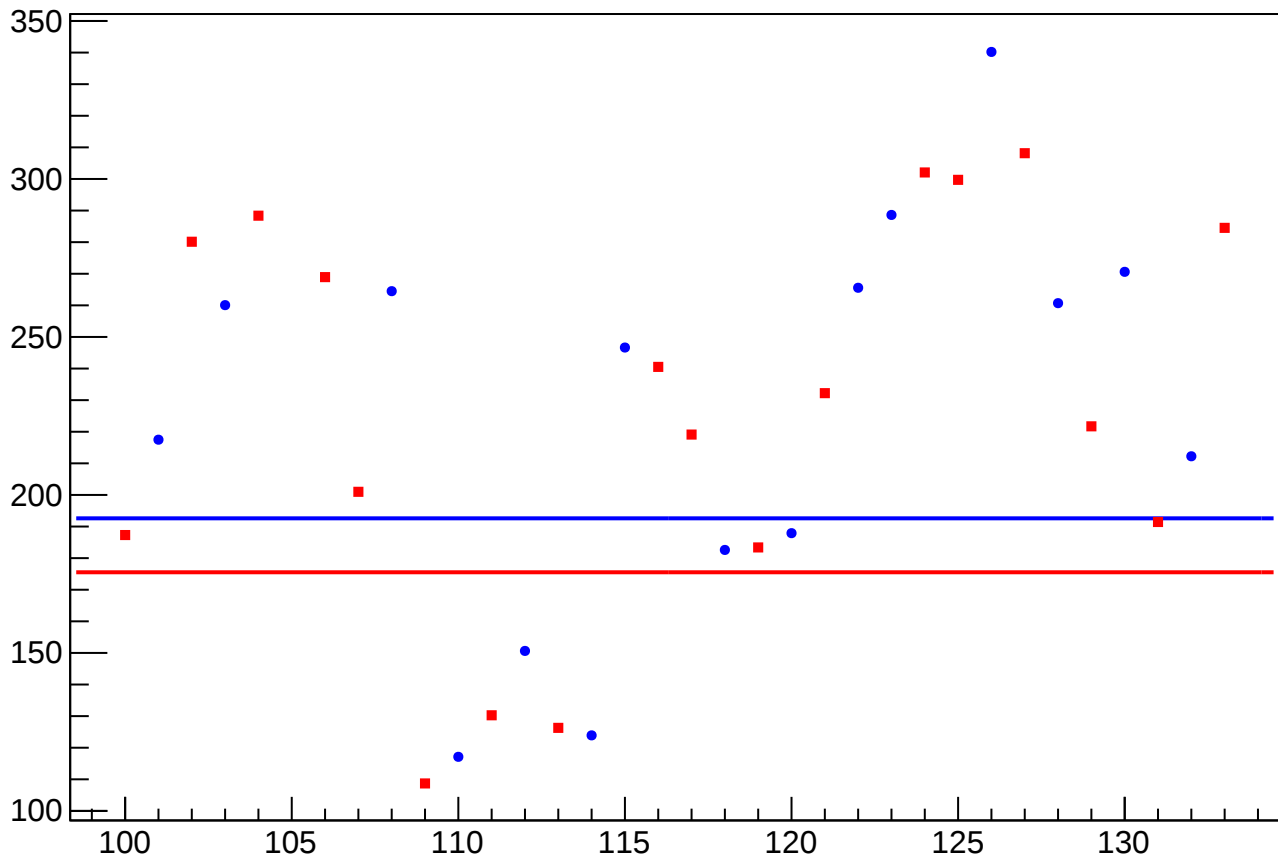
Right Out: -25.435+/-75.159 χ^2/NDF : 6.5/17

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

112.539+/-86.023 χ^2/NDF : 6.0/14

-25.435+/-75.159 χ^2/NDF : 6.5/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 192.598+/-0.061 χ^2/NDF : 936994.7/14

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

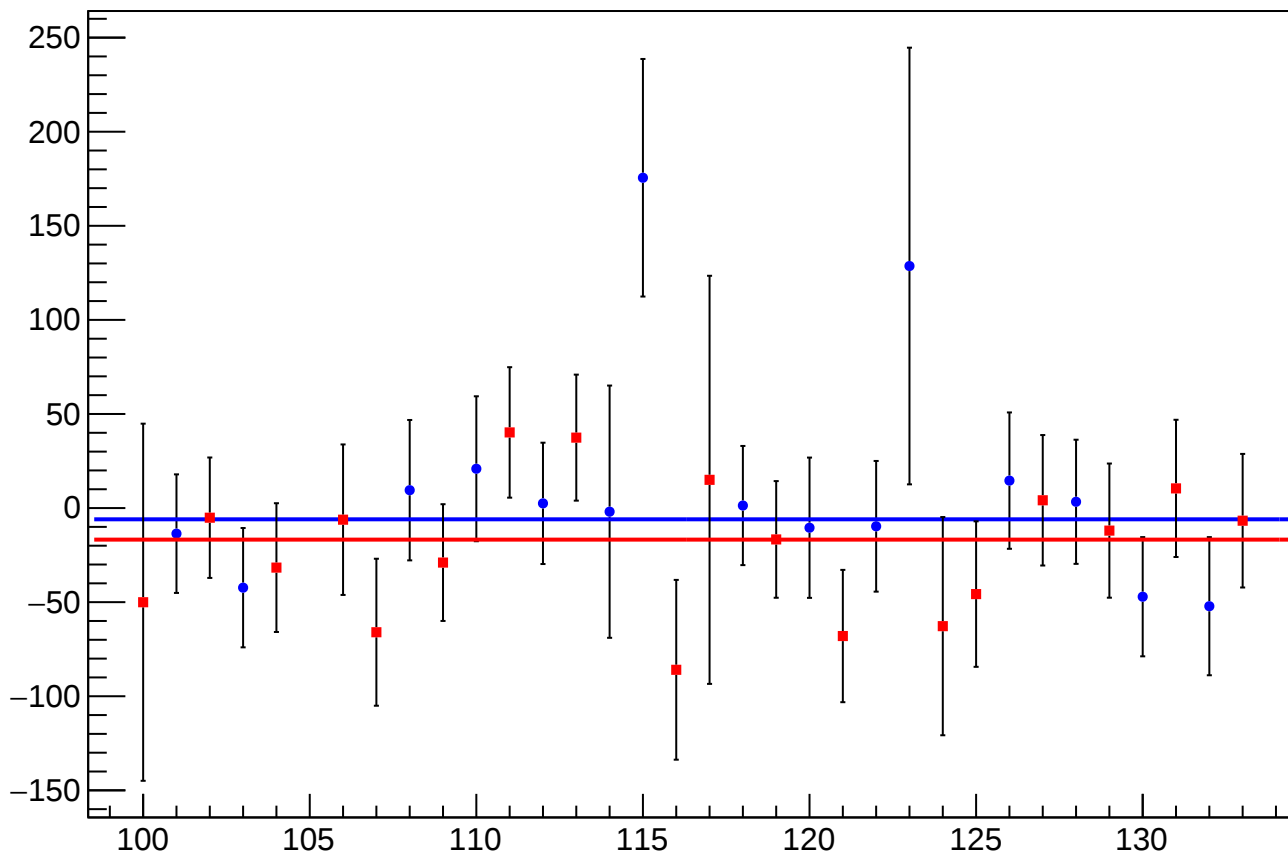
192.598+/-0.061 χ^2/NDF : 936994.7/14

Right Out: 175.525+/-0.053 χ^2/NDF : 1521283.1/17

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

175.525+/-0.053 χ^2/NDF : 1521283.1/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.977+/-9.591 χ^2/NDF : 15.5/14

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

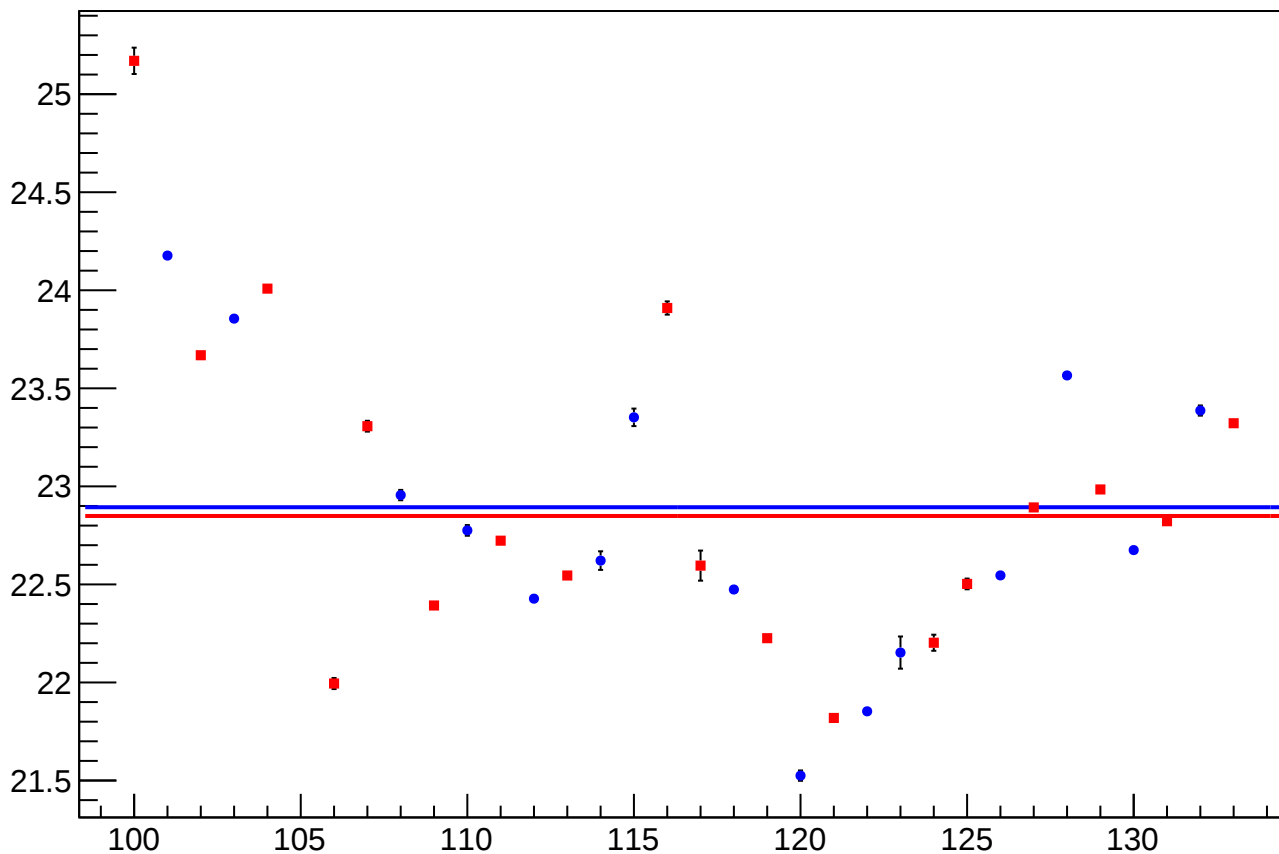
Right Out: -16.767+/-8.948 χ^2/NDF : 14.1/17

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

-5.977+/-9.591 χ^2/NDF : 15.5/14

-16.767+/-8.948 χ^2/NDF : 14.1/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.894+/-0.007 χ^2/NDF : 12136.4/14

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

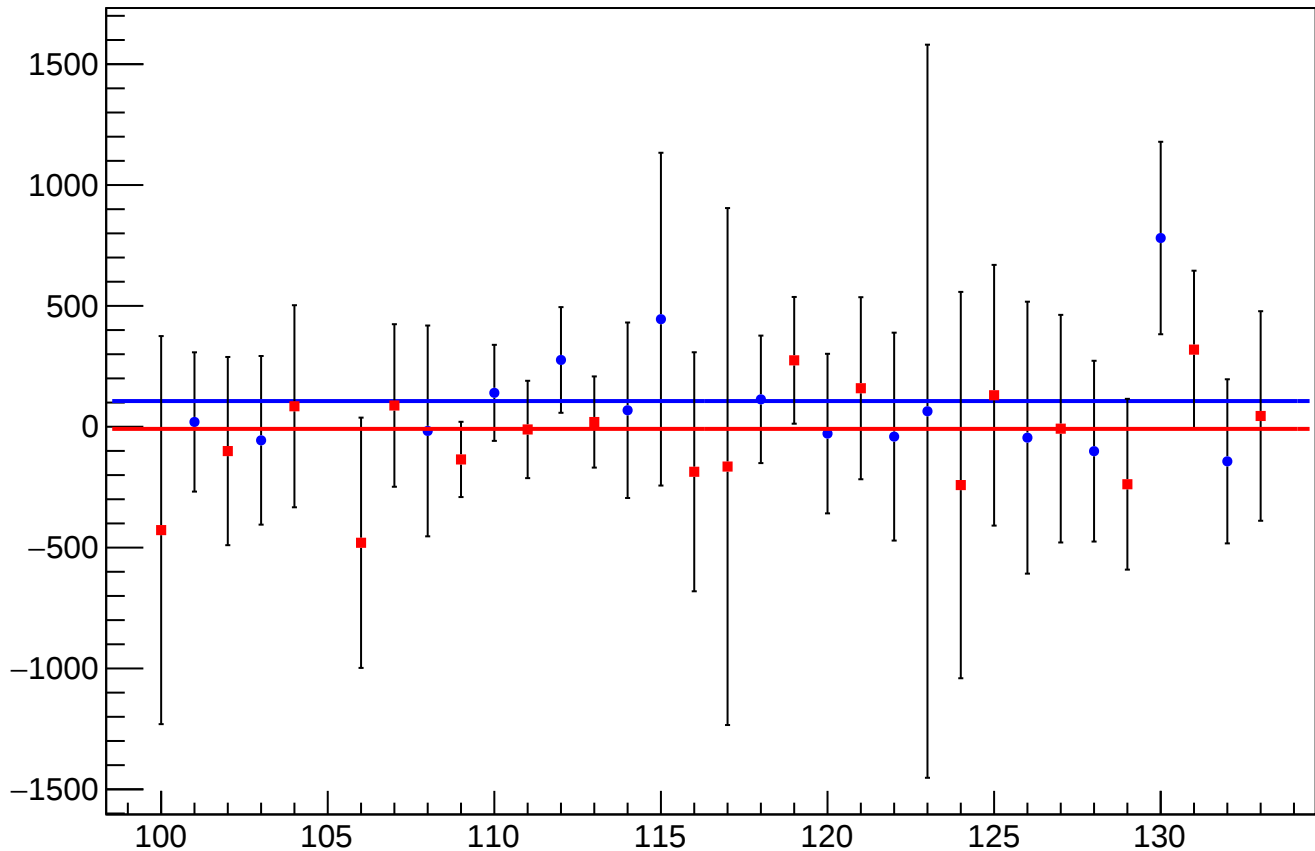
Right Out: 22.849+/-0.006 χ^2/NDF : 10936.6/17

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

22.894+/-0.007 χ^2/NDF : 12136.4/14

22.849+/-0.006 χ^2/NDF : 10936.6/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 106.279 $\pm$ 85.693 χ^2 /NDF: 5.3/14

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

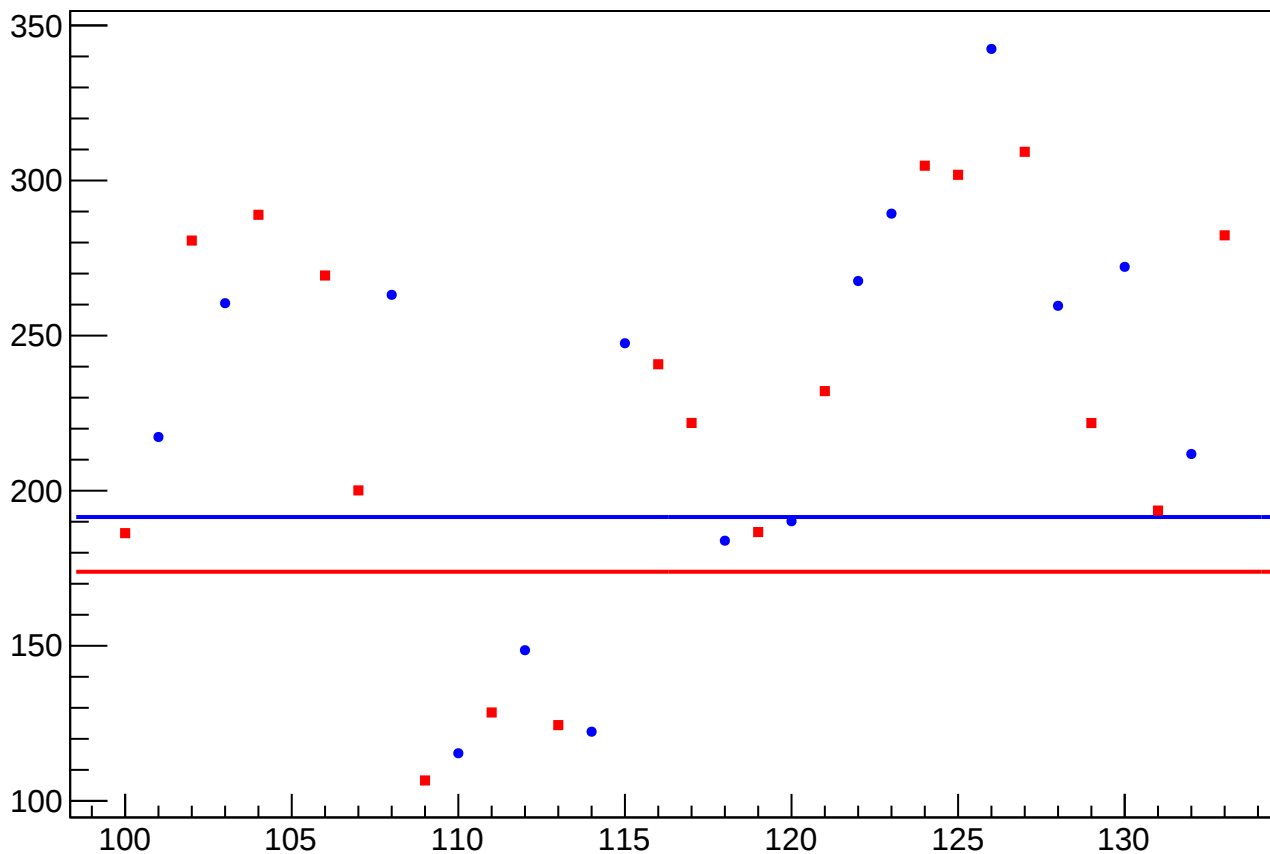
Right Out: -8.864 $\pm$ 74.684 χ^2 /NDF: 5.1/17

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

106.279 $\pm$ 85.693 χ^2 /NDF: 5.3/14

-8.864 $\pm$ 74.684 χ^2 /NDF: 5.1/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 191.516+/-0.061 χ^2/NDF : 977188.6/14

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

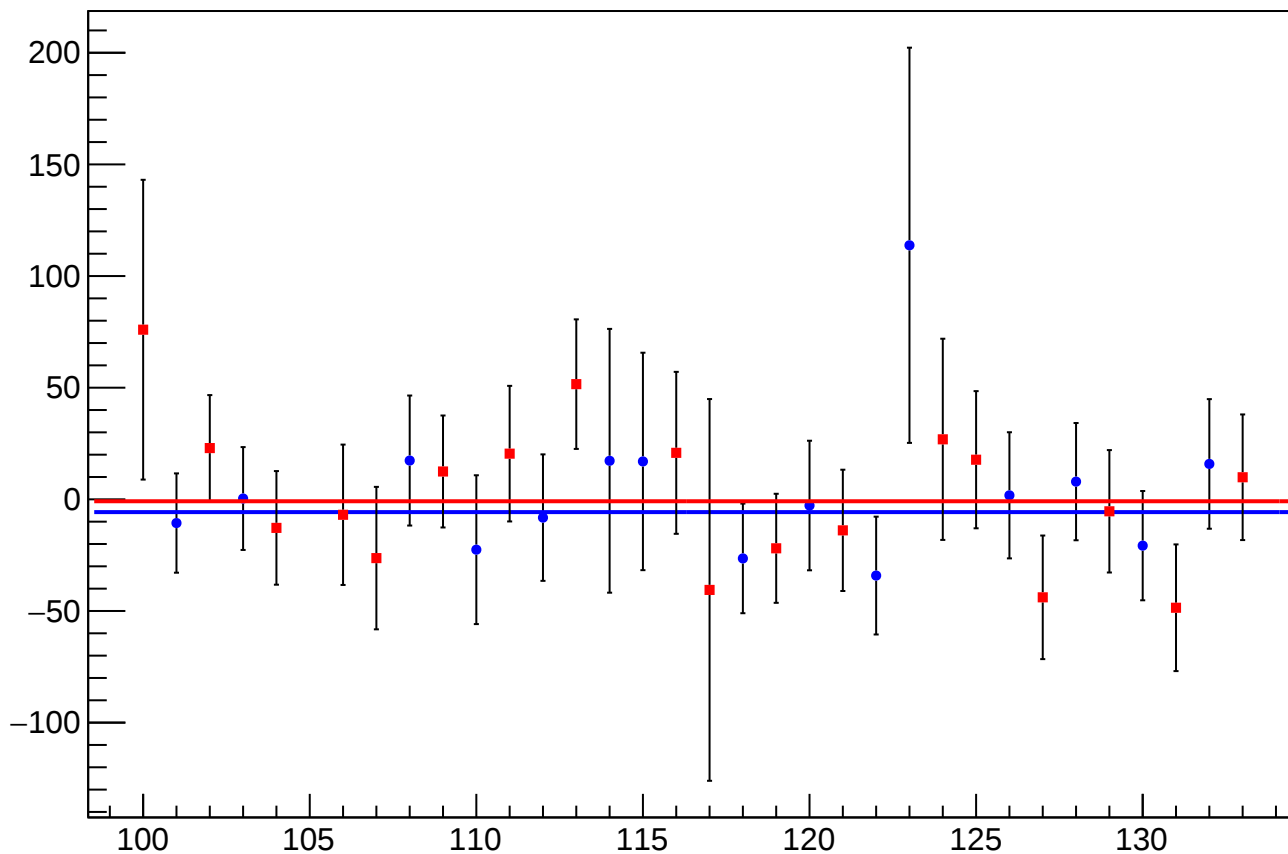
Right Out: 173.869+/-0.053 χ^2/NDF : 1589482.1/17

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

191.516+/-0.061 χ^2/NDF : 977188.6/14

173.869+/-0.053 χ^2/NDF : 1589482.1/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.720+/-7.471 χ^2/NDF : 6.4/14

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

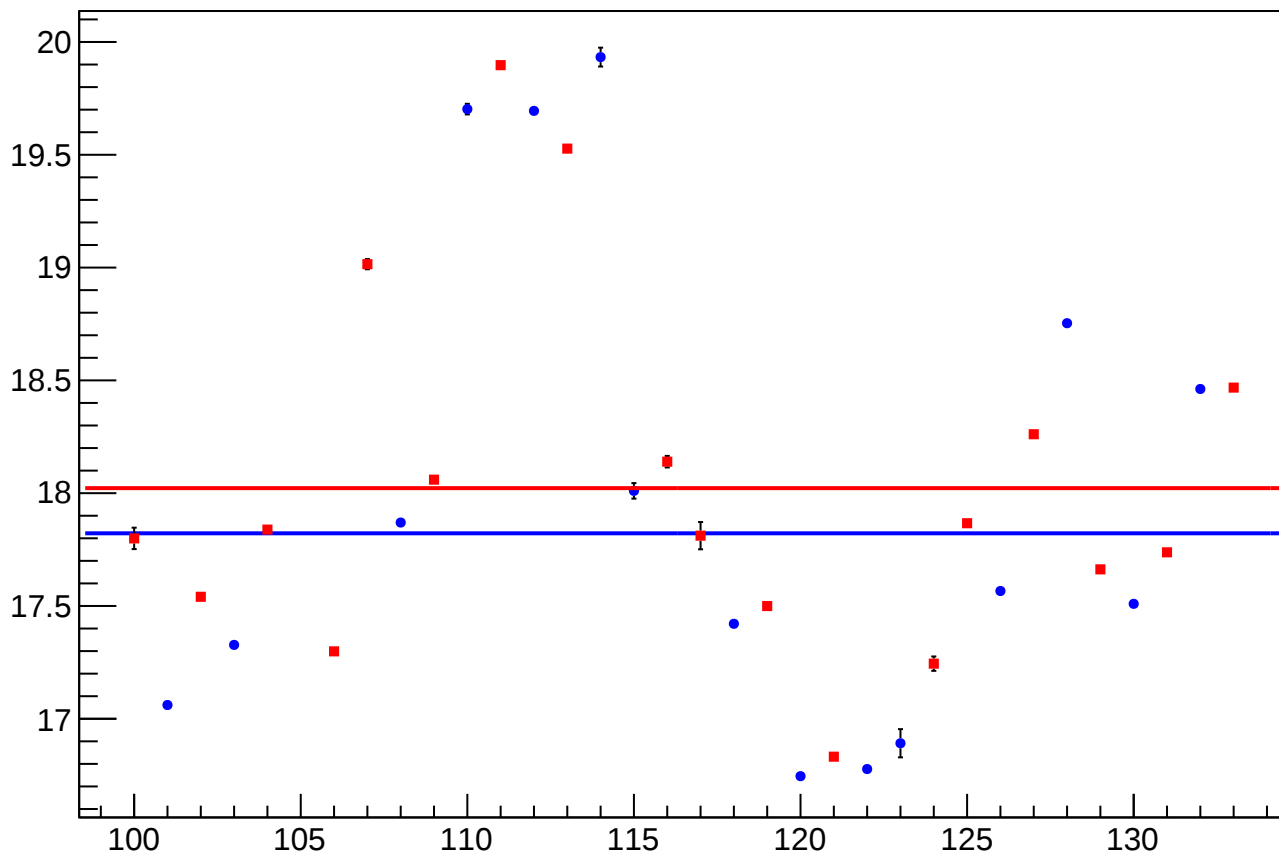
Right Out: -0.858+/-7.066 χ^2/NDF : 15.0/17

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

-5.720+/-7.471 χ^2/NDF : 6.4/14

-0.858+/-7.066 χ^2/NDF : 15.0/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.822+/-0.005 χ^2 /NDF: 31588.5/14

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

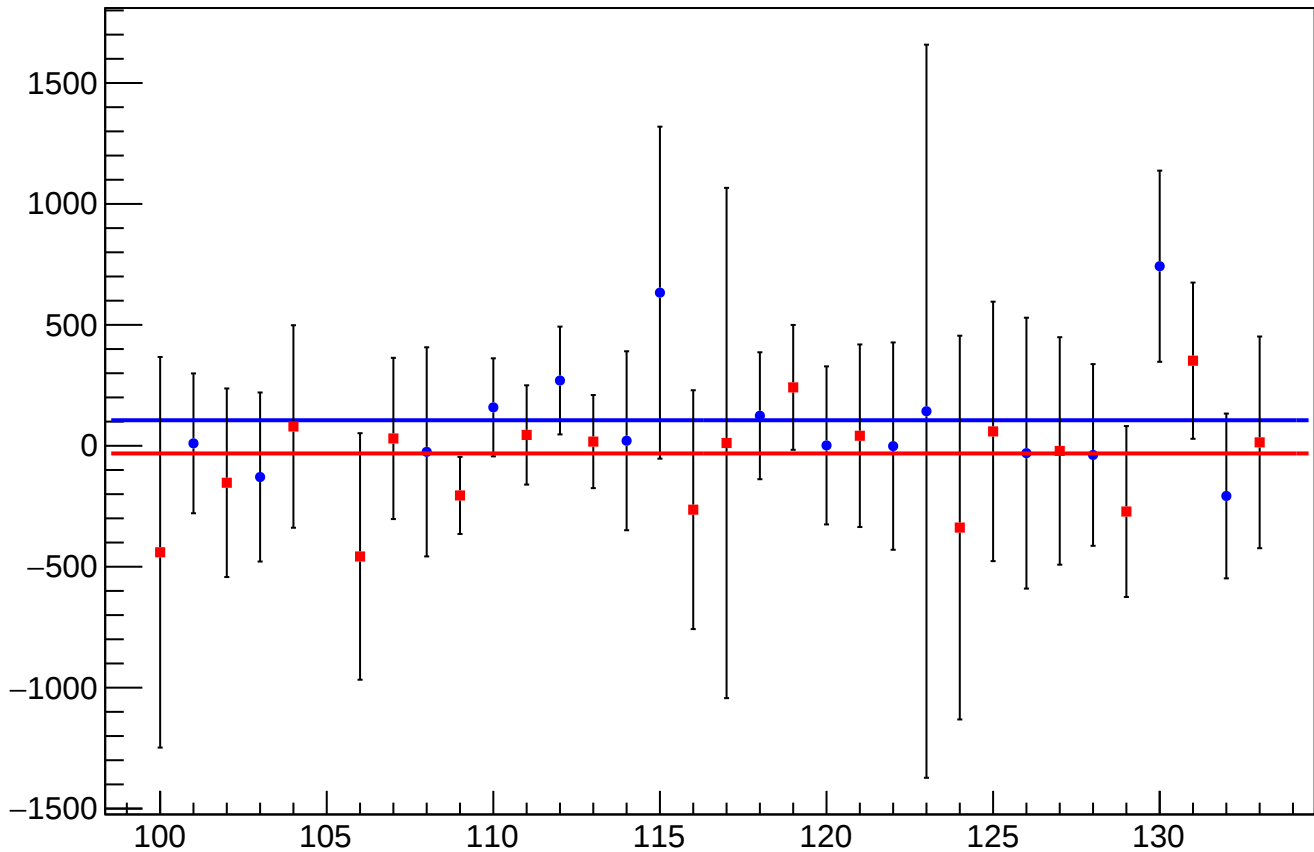
Right Out: 18.022+/-0.005 χ^2 /NDF: 23595.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.822+/-0.005 χ^2 /NDF: 31588.5/14

18.022+/-0.005 χ^2 /NDF: 23595.7/17

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 105.669+/-86.236 χ^2/NDF : 5.7/14

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

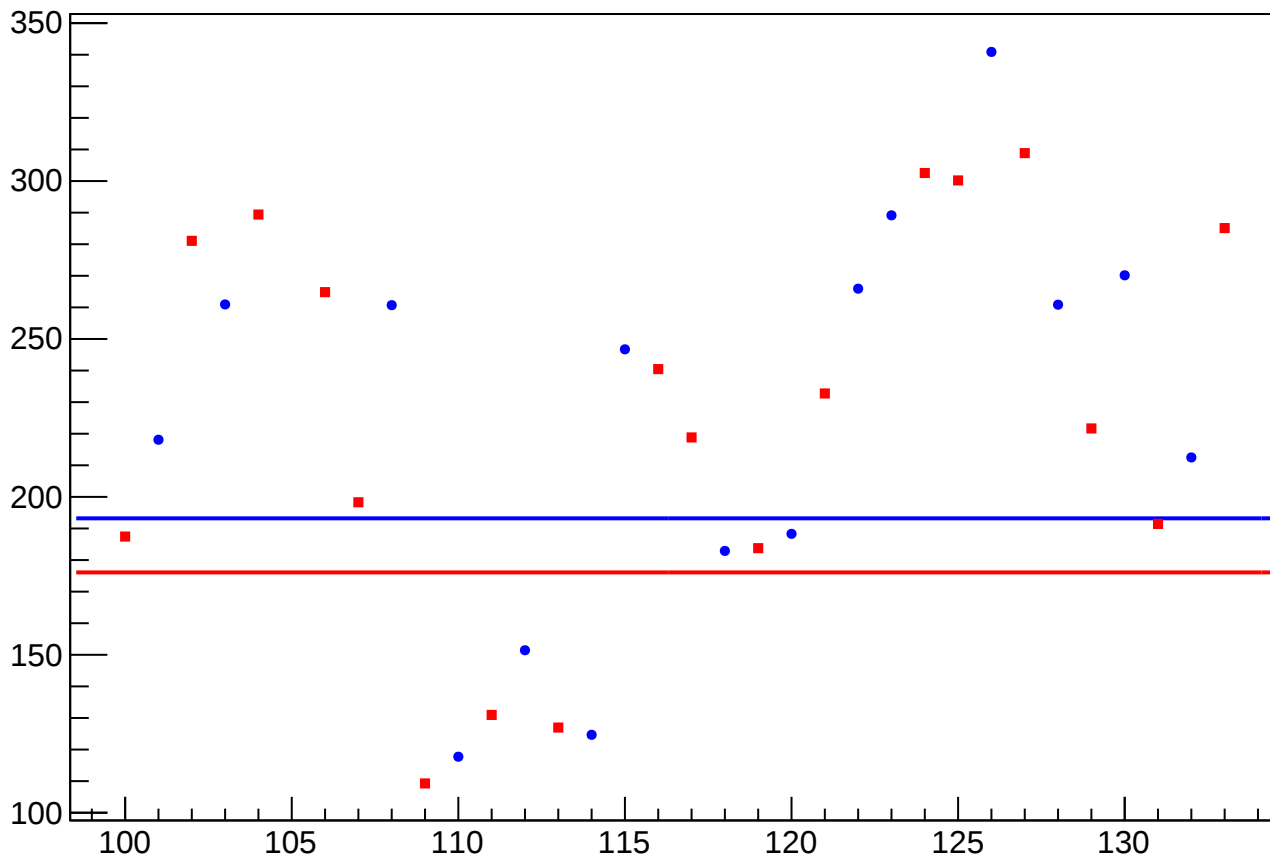
Right Out: -31.584+/-75.336 χ^2/NDF : 6.0/17

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

105.669+/-86.236 χ^2/NDF : 5.7/14

-31.584+/-75.336 χ^2/NDF : 6.0/17

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 193.208+/-0.061 χ^2/NDF : 922318.9/14

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

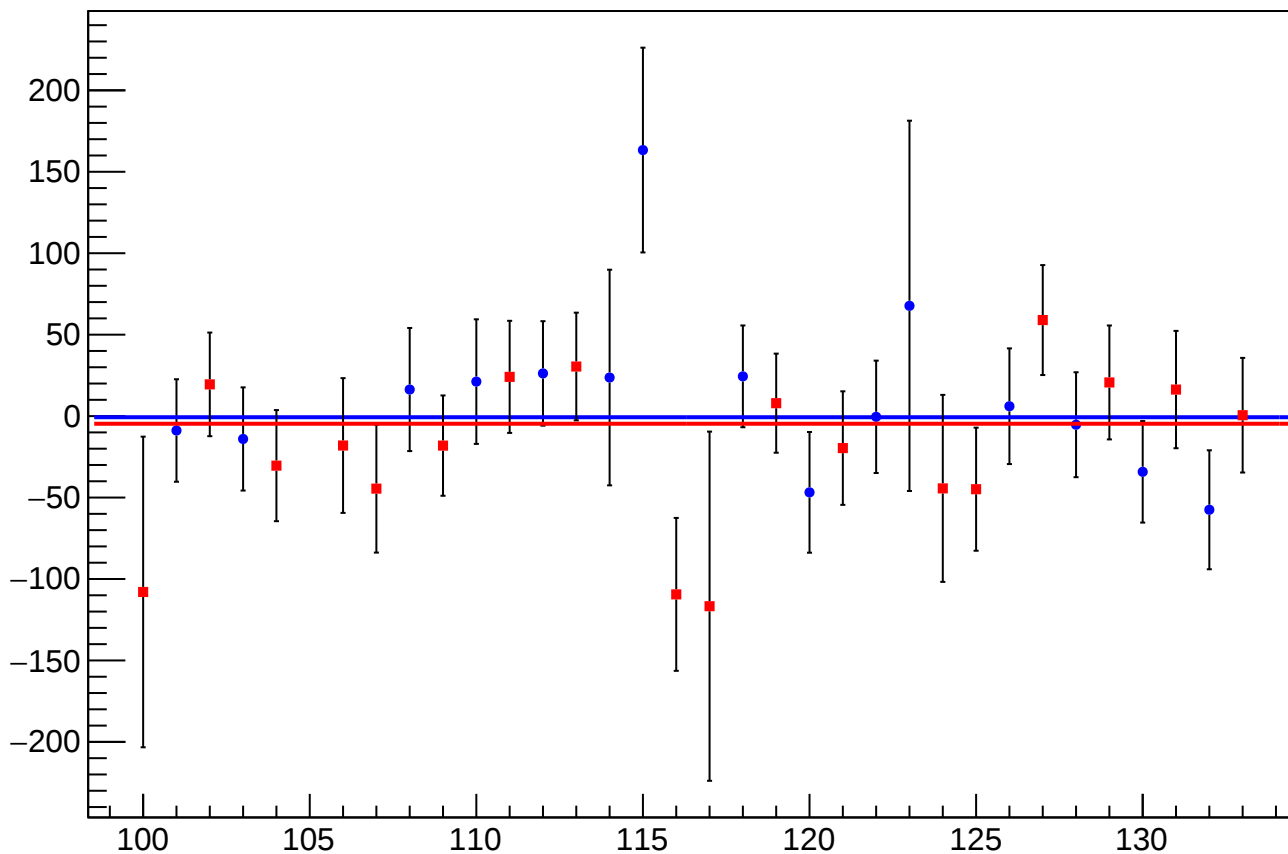
193.208+/-0.061 χ^2/NDF : 922318.9/14

Right Out: 176.086+/-0.053 χ^2/NDF : 1503048.4/17

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

176.086+/-0.053 χ^2/NDF : 1503048.4/17

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: -0.683 ± 9.512 χ^2/NDF : 14.6/14

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

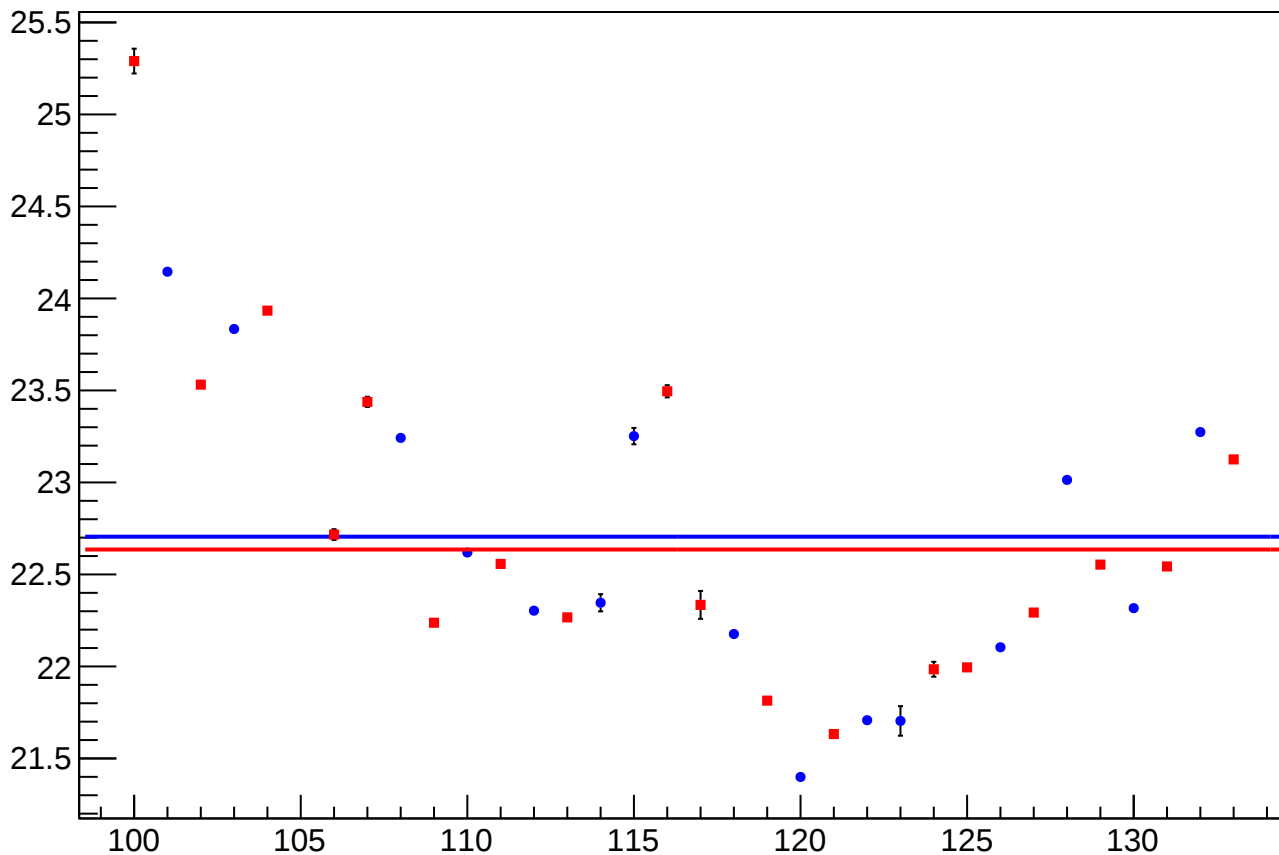
Right Out: -4.690 ± 8.864 χ^2/NDF : 18.0/17

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

-0.683 ± 9.512 χ^2/NDF : 14.6/14

-4.690 ± 8.864 χ^2/NDF : 18.0/17

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.705+/-0.007 χ^2/NDF : 14103.5/14

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

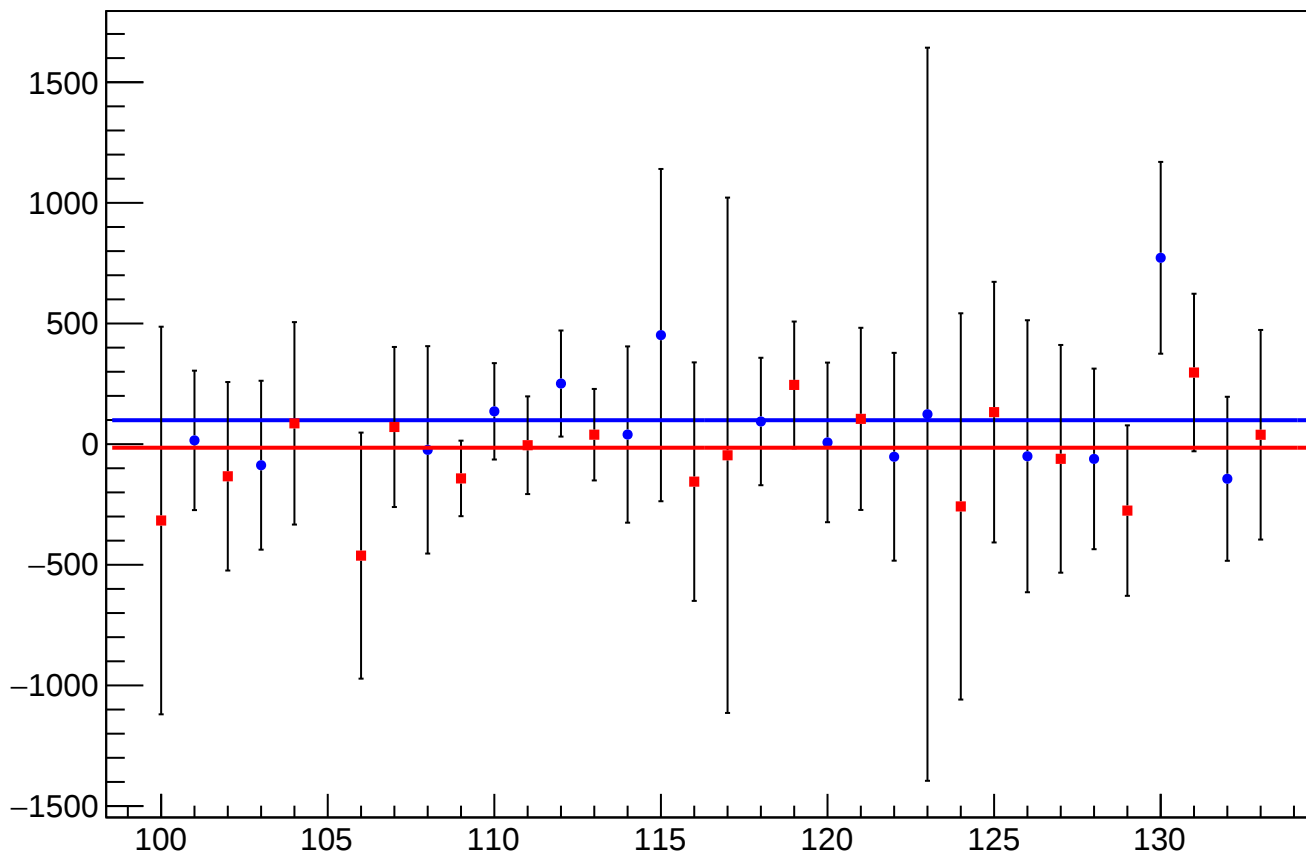
Right Out: 22.635+/-0.006 χ^2/NDF : 12720.5/17

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

22.705+/-0.007 χ^2/NDF : 14103.5/14

22.635+/-0.006 χ^2/NDF : 12720.5/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 99.169+/-85.909 χ^2/NDF : 5.1/14

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

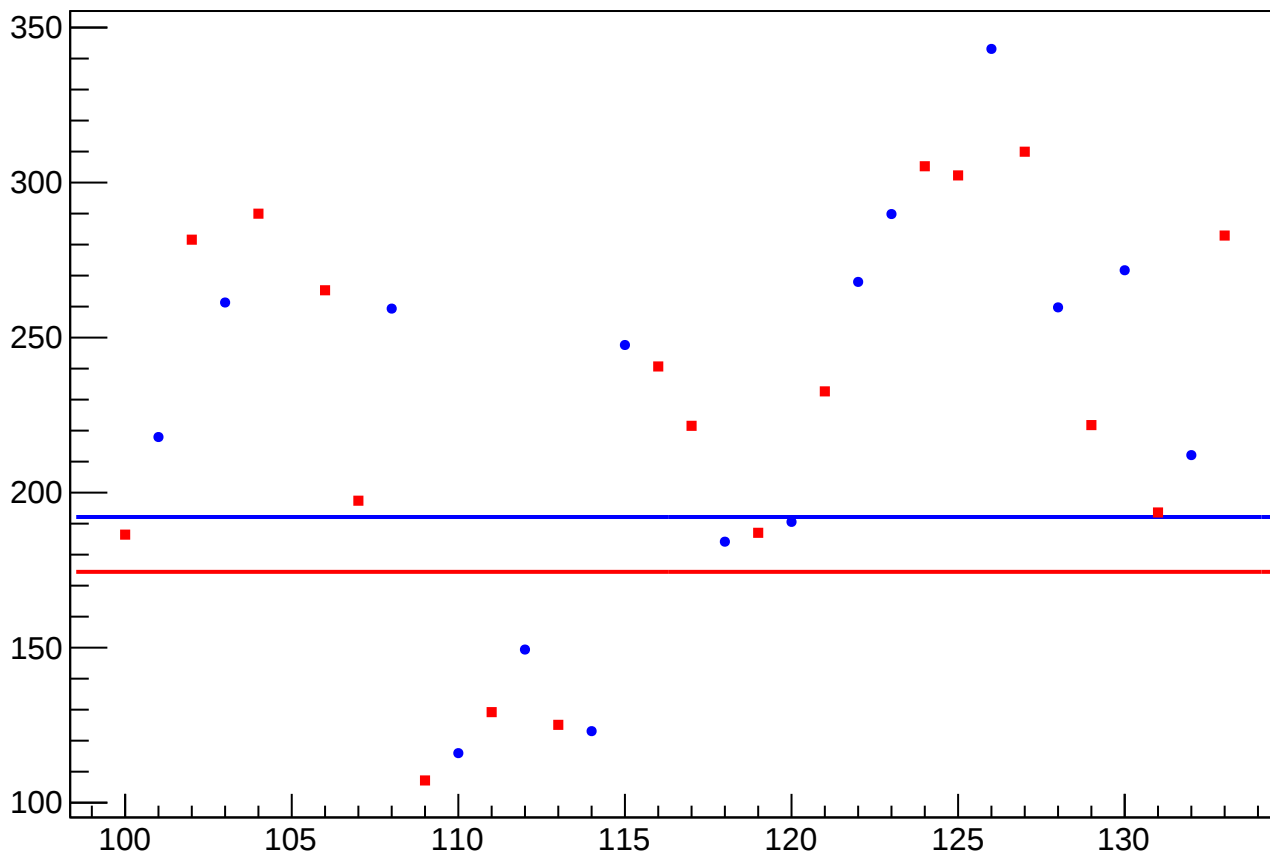
Right Out: -14.824+/-74.867 χ^2/NDF : 4.7/17

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

99.169+/-85.909 χ^2/NDF : 5.1/14

-14.824+/-74.867 χ^2/NDF : 4.7/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 192.139+/-0.061 χ^2/NDF : 961840.1/14

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

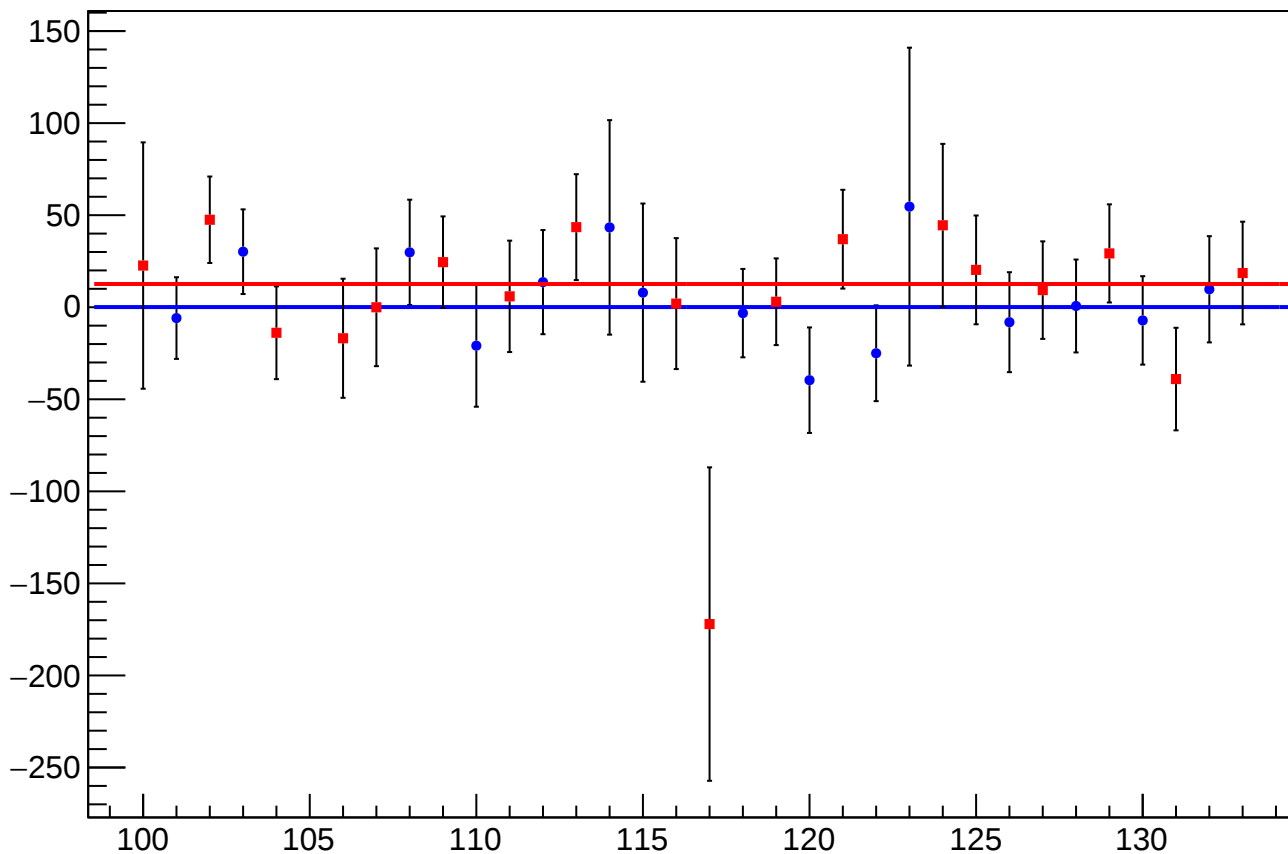
Right Out: 174.449+/-0.053 χ^2/NDF : 1570316.2/17

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

192.139+/-0.061 χ^2/NDF : 961840.1/14

174.449+/-0.053 χ^2/NDF : 1570316.2/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.089+/-7.360 χ^2/NDF : 7.6/14

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

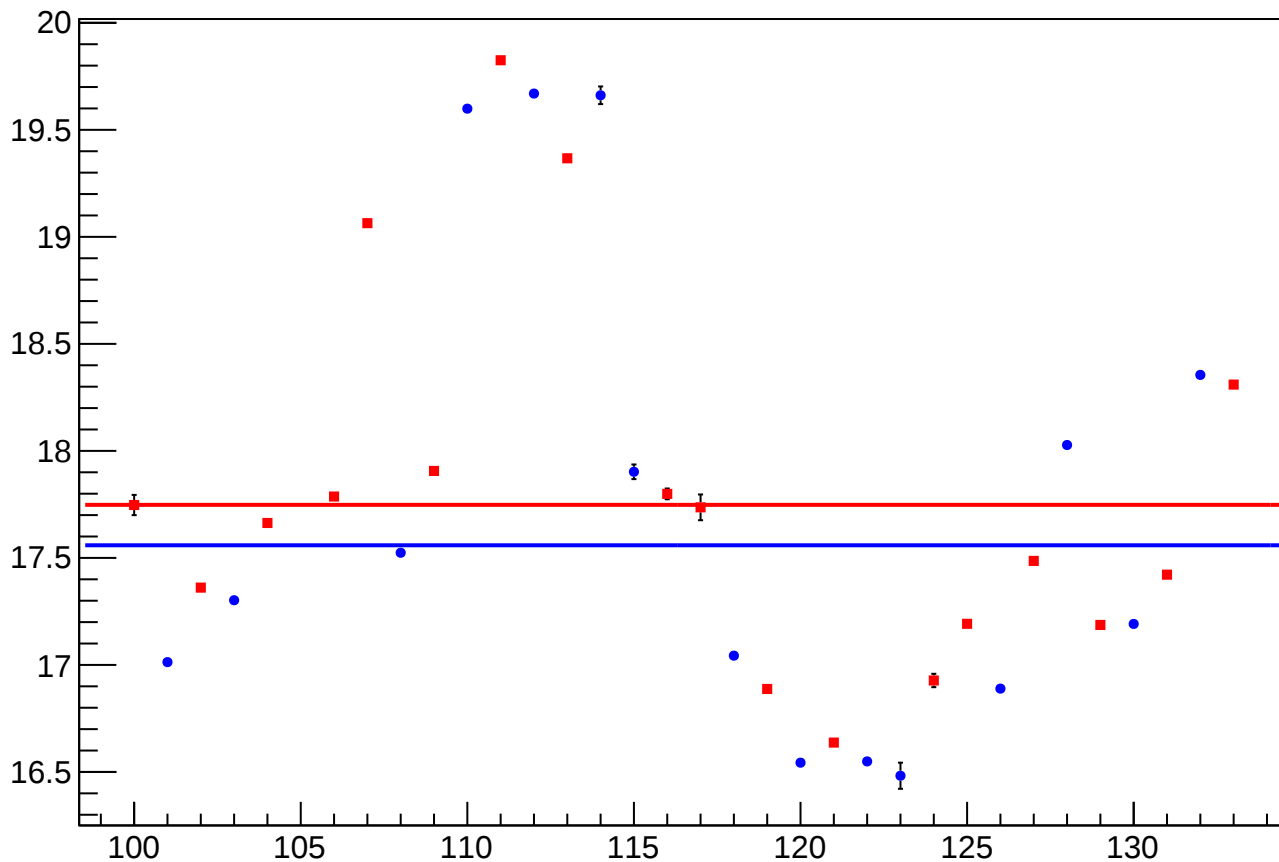
Right Out: 12.612+/-6.958 χ^2/NDF : 16.0/17

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

0.089+/-7.360 χ^2/NDF : 7.6/14

12.612+/-6.958 χ^2/NDF : 16.0/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.559+/-0.005 χ^2/NDF : 33537.9/14

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

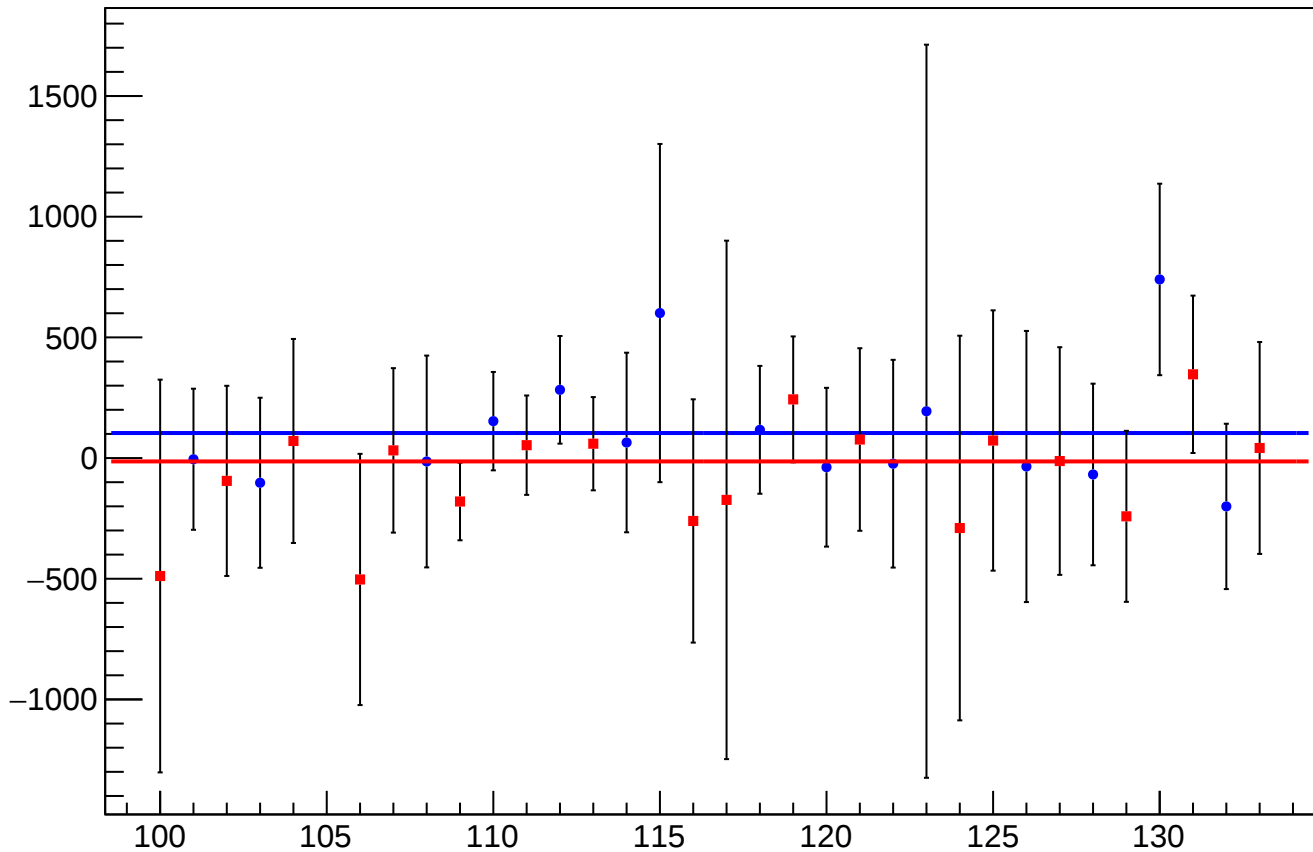
Right Out: 17.748+/-0.005 χ^2/NDF : 29468.3/17

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

17.559+/-0.005 χ^2/NDF : 33537.9/14

17.748+/-0.005 χ^2/NDF : 29468.3/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 103.756 $\pm$ 86.761 χ^2 /NDF: 5.7/14

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

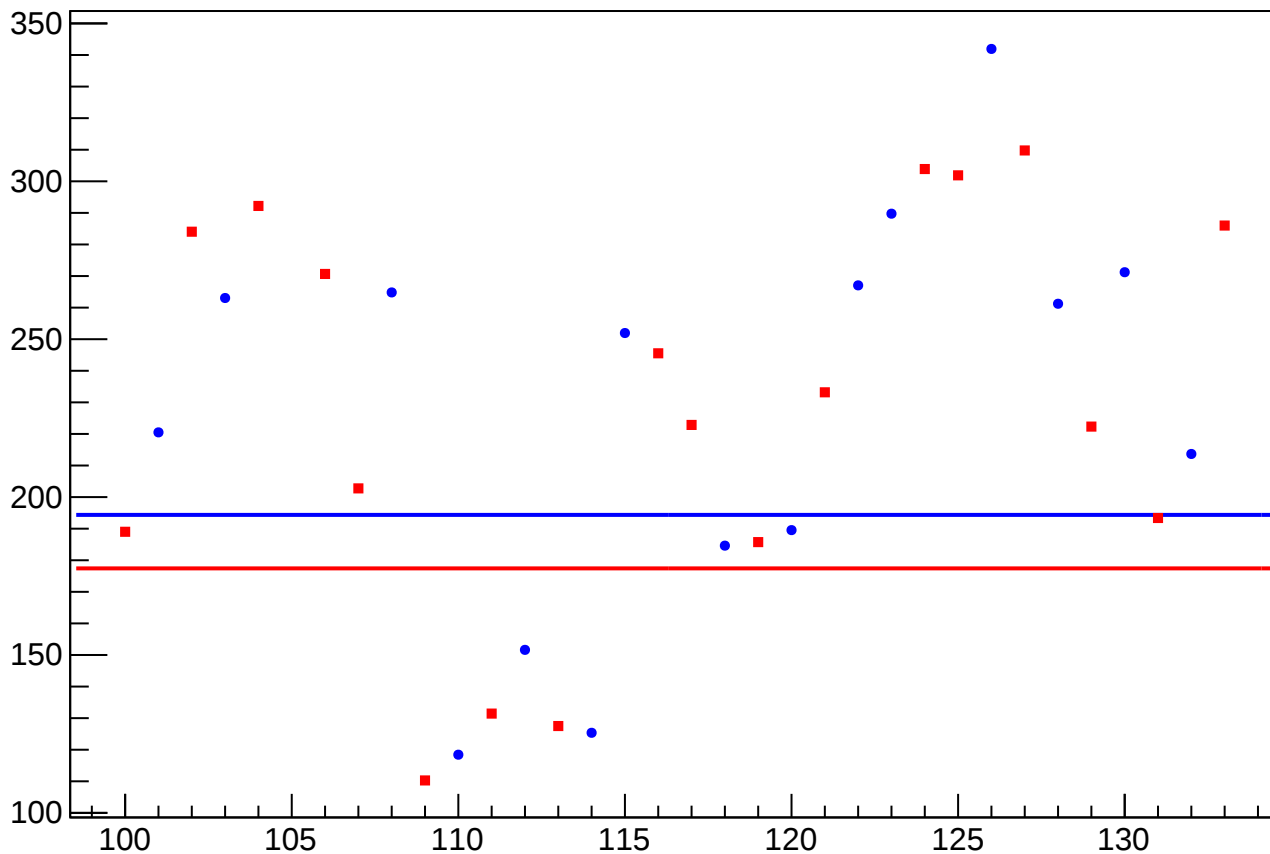
Right Out: -13.909 $\pm$ 75.910 χ^2 /NDF: 5.7/17

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

103.756 $\pm$ 86.761 χ^2 /NDF: 5.7/14

-13.909 $\pm$ 75.910 χ^2 /NDF: 5.7/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 194.364+/-0.061 χ^2/NDF : 927636.1/14

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

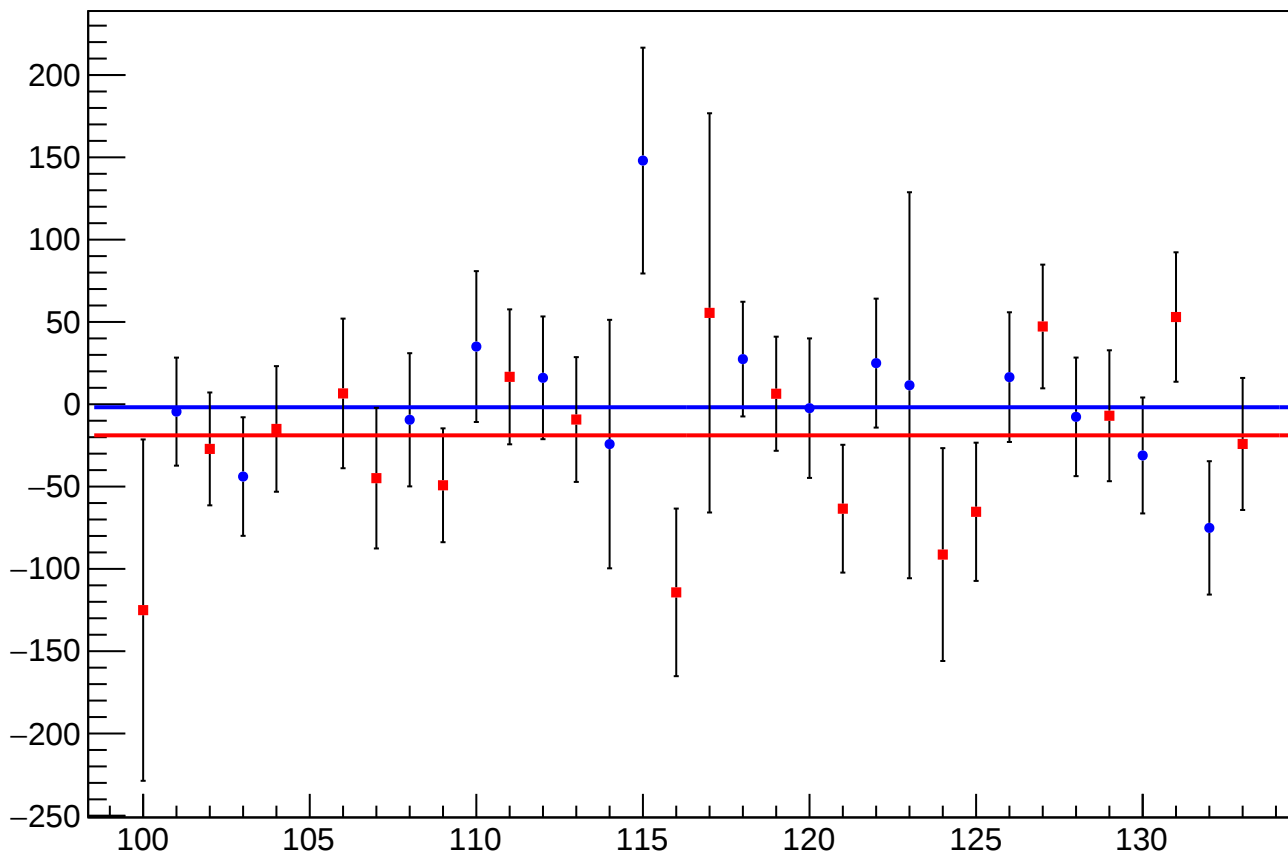
Right Out: 177.423+/-0.054 χ^2/NDF : 1511468.1/17

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

194.364+/-0.061 χ^2/NDF : 927636.1/14

177.423+/-0.054 χ^2/NDF : 1511468.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -1.808+/-10.641 χ^2/NDF : 12.5/14

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

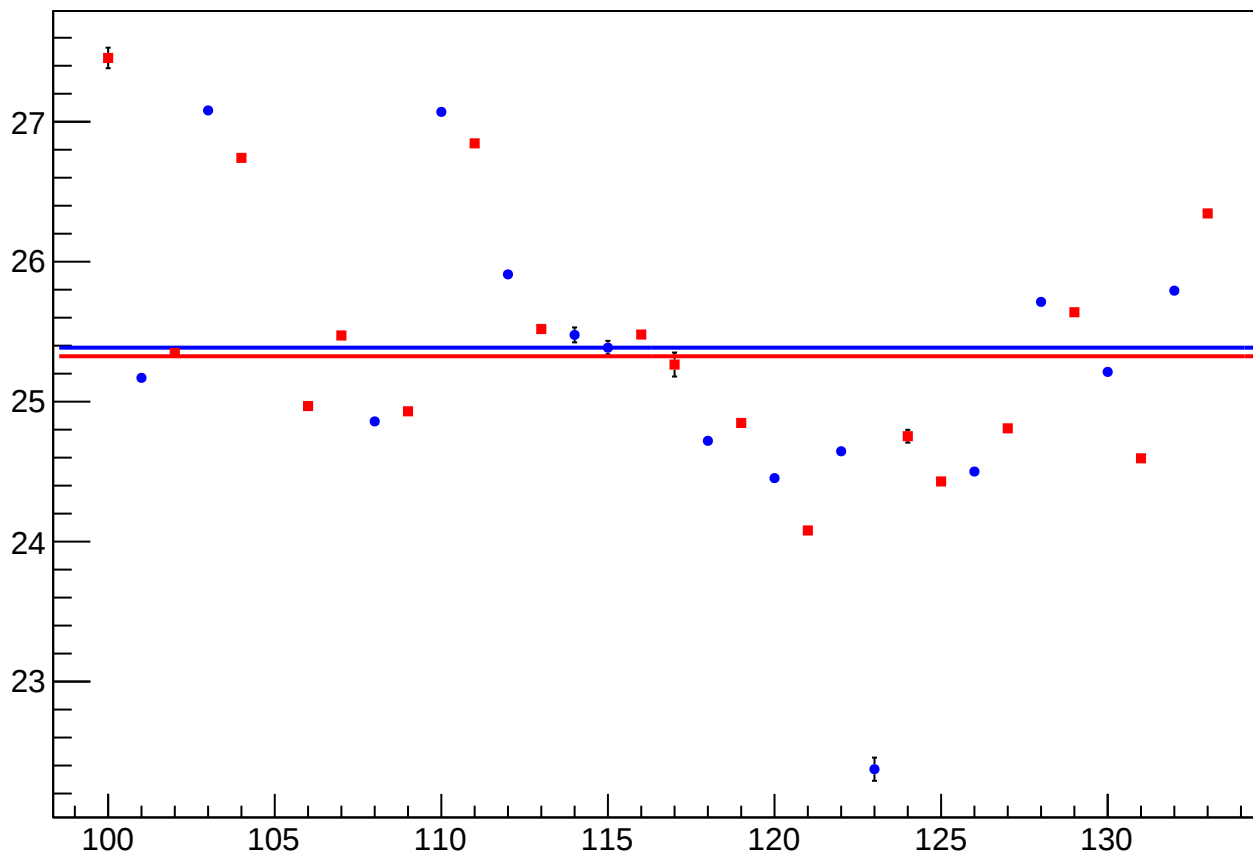
Right Out: -18.878+/-9.923 χ^2/NDF : 18.1/17

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

-1.808+/-10.641 χ^2/NDF : 12.5/14

-18.878+/-9.923 χ^2/NDF : 18.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.386 $\pm$ 0.008 χ^2 /NDF: 13115.1/14

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

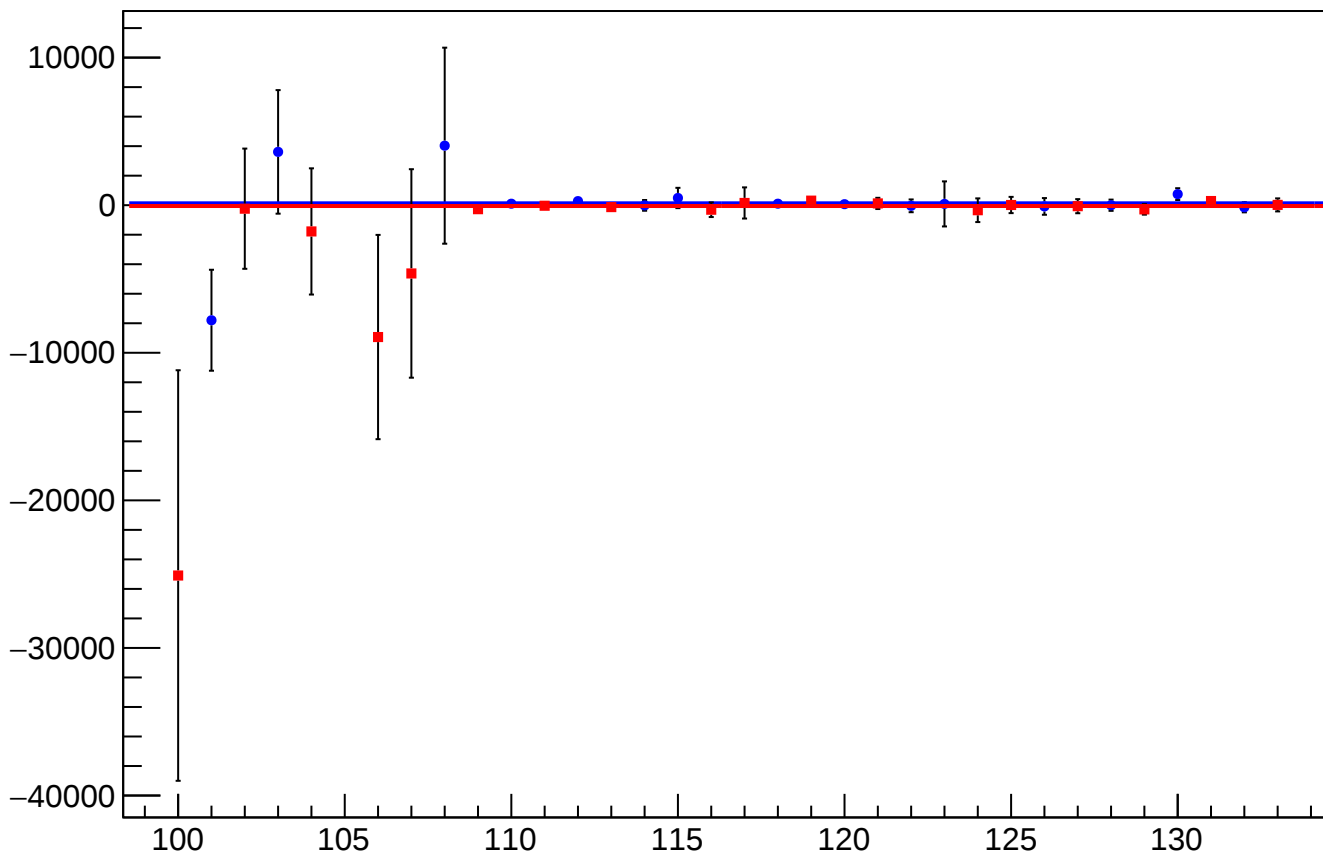
Right Out: 25.324 $\pm$ 0.007 χ^2 /NDF: 12819.7/17

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

25.386 $\pm$ 0.008 χ^2 /NDF: 13115.1/14

25.324 $\pm$ 0.007 χ^2 /NDF: 12819.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 126.746+/-95.918 χ^2/NDF : 10.8/14

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

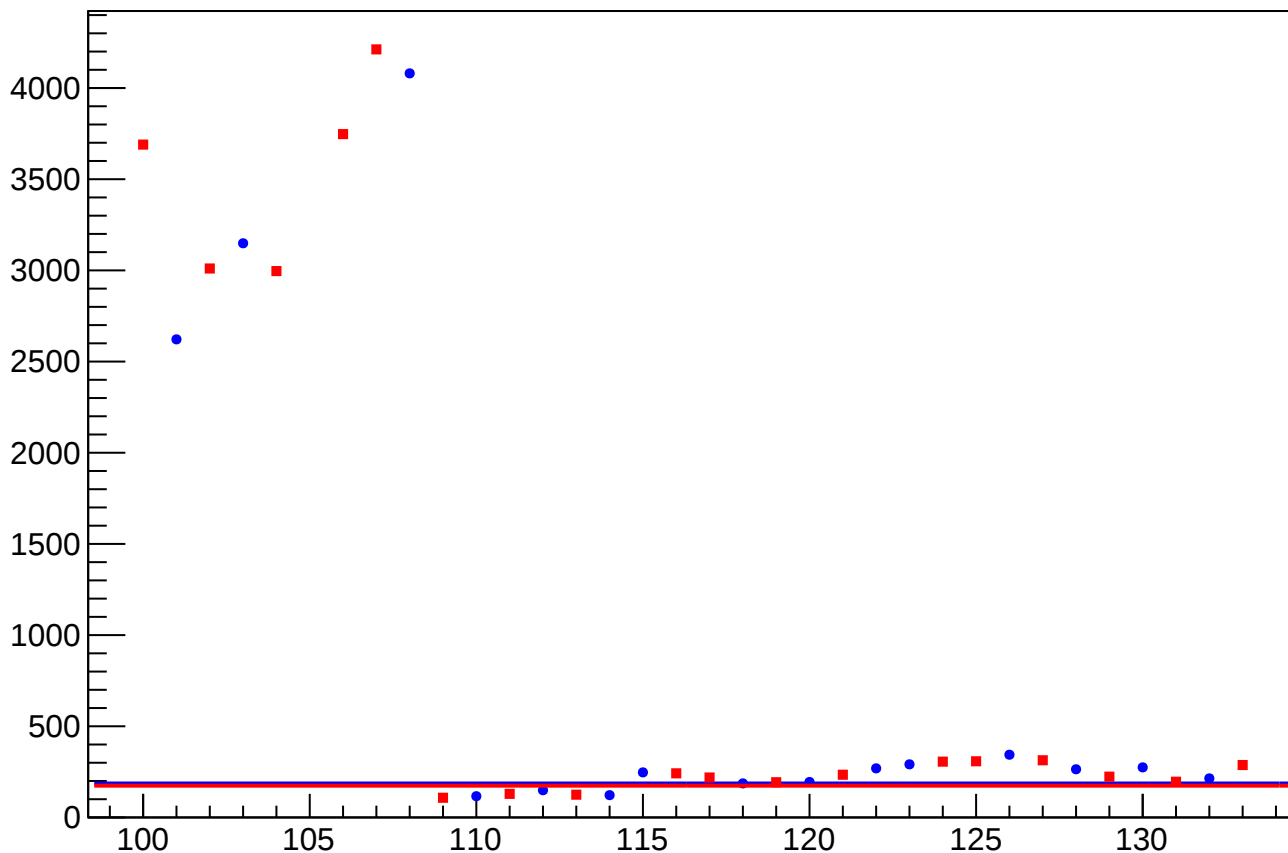
Right Out: -55.801+/-87.421 χ^2/NDF : 10.6/17

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

126.746+/-95.918 χ^2/NDF : 10.8/14

-55.801+/-87.421 χ^2/NDF : 10.6/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 186.226+/-0.068 χ^2/NDF : 3513192.1/14

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

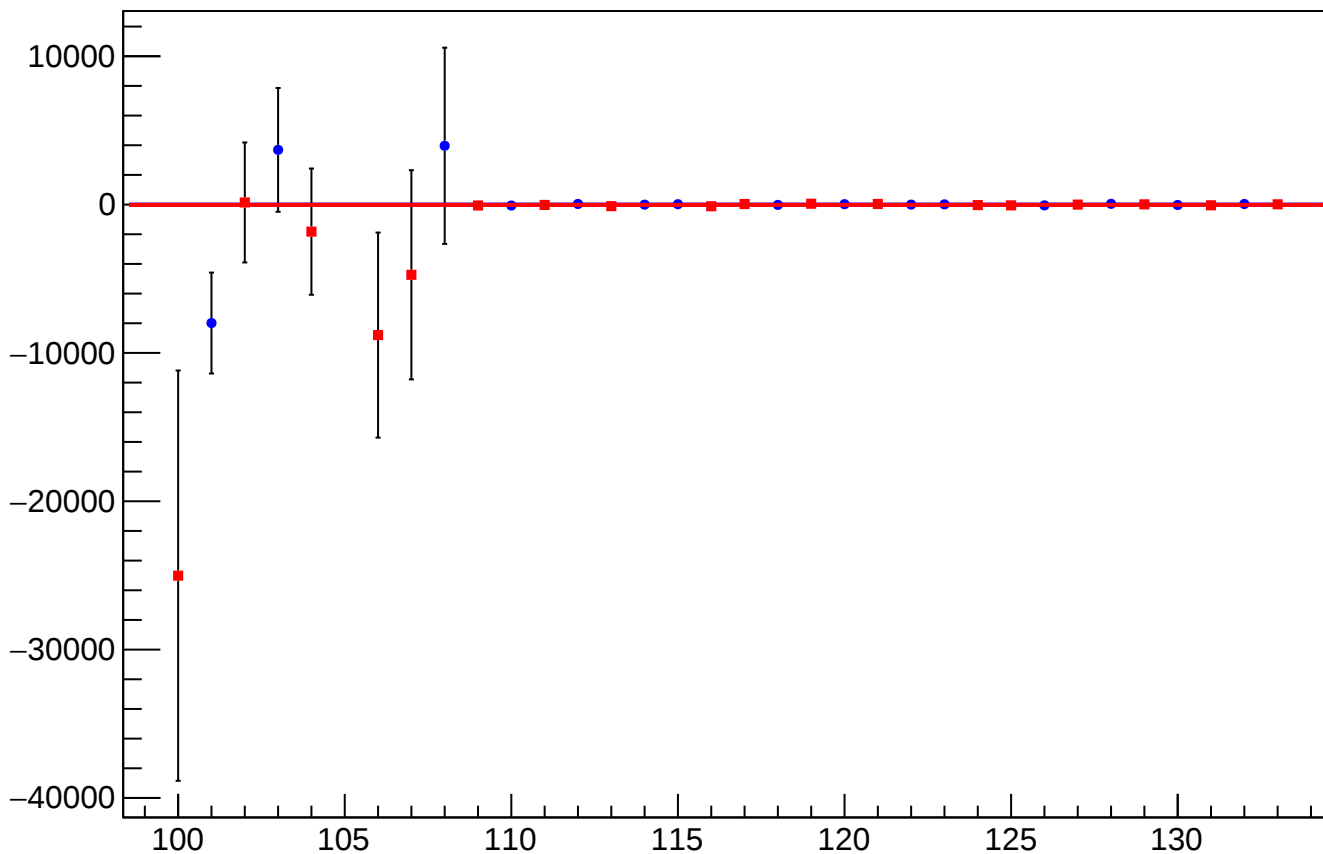
Right Out: 174.380+/-0.062 χ^2/NDF : 4199868.7/17

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

186.226+/-0.068 χ^2/NDF : 3513192.1/14

174.380+/-0.062 χ^2/NDF : 4199868.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -0.538+/-13.549 χ^2/NDF : 14.9/14

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

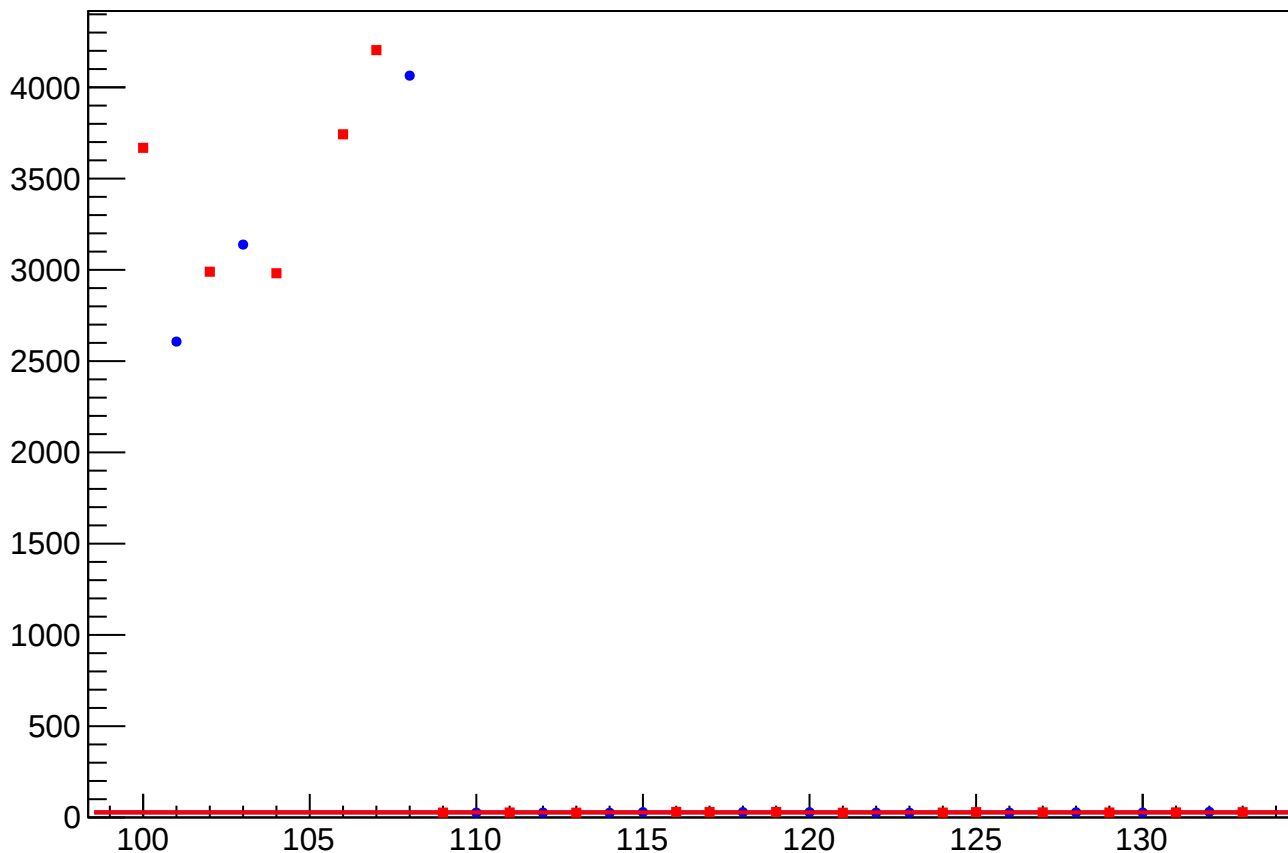
Right Out: -19.670+/-13.067 χ^2/NDF : 21.5/17

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

-0.538+/-13.549 χ^2/NDF : 14.9/14

-19.670+/-13.067 χ^2/NDF : 21.5/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.722+/-0.010 χ^2/NDF : 3025684.0/14

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

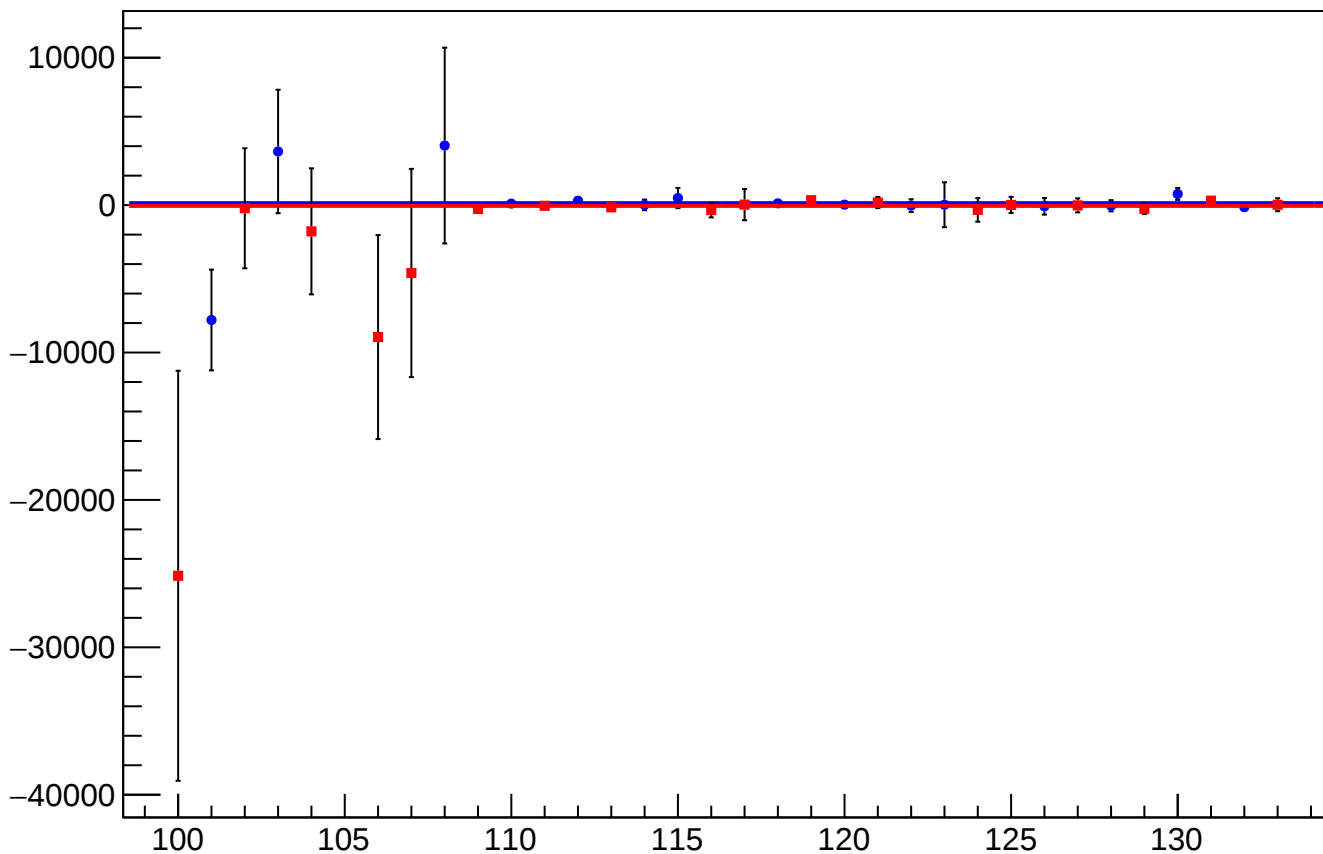
Right Out: 27.736+/-0.009 χ^2/NDF : 3476886.9/17

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

27.722+/-0.010 χ^2/NDF : 3025684.0/14

27.736+/-0.009 χ^2/NDF : 3476886.9/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 132.363+/-95.609 χ^2/NDF : 11.0/14

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

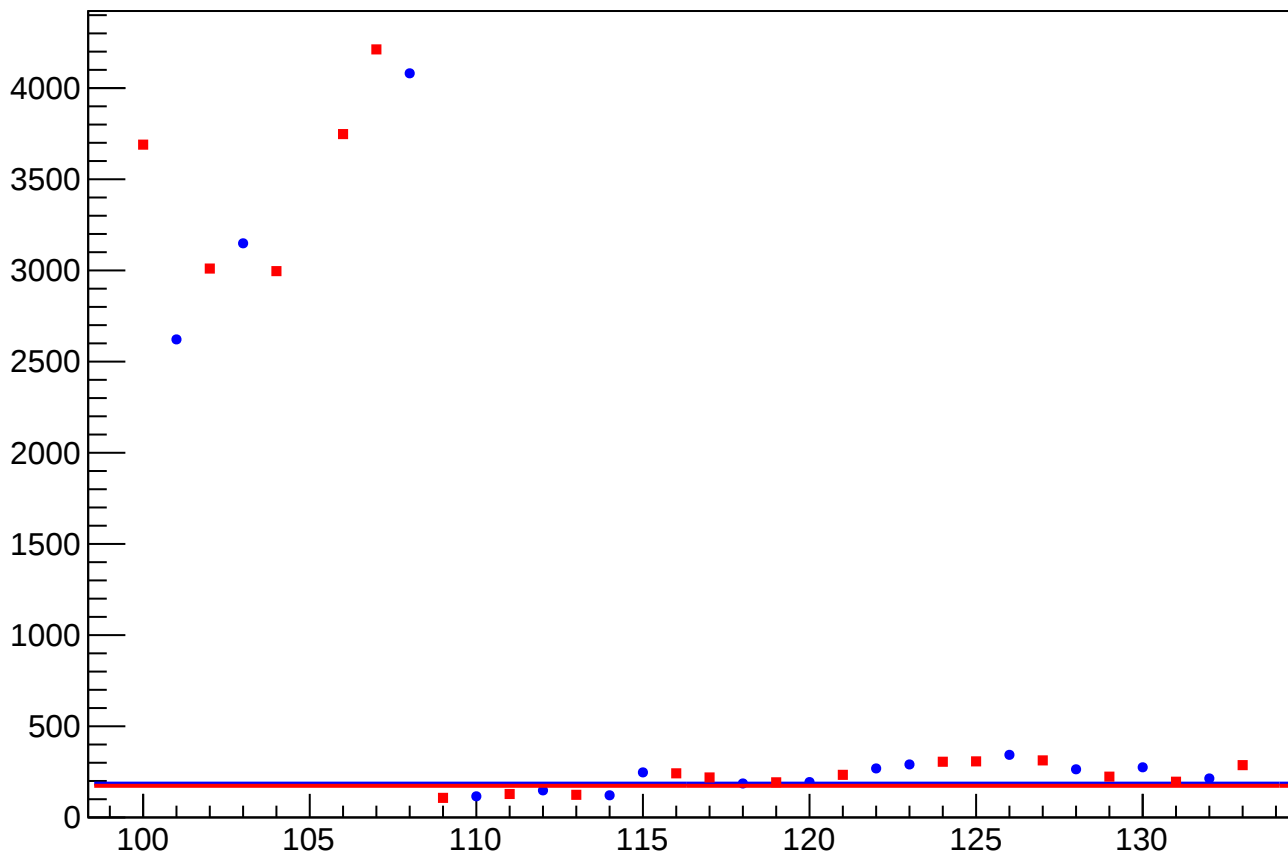
Right Out: -49.938+/-87.107 χ^2/NDF : 11.1/17

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

132.363+/-95.609 χ^2/NDF : 11.0/14

-49.938+/-87.107 χ^2/NDF : 11.1/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 185.496+/-0.068 χ^2/NDF : 3524359.7/14

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

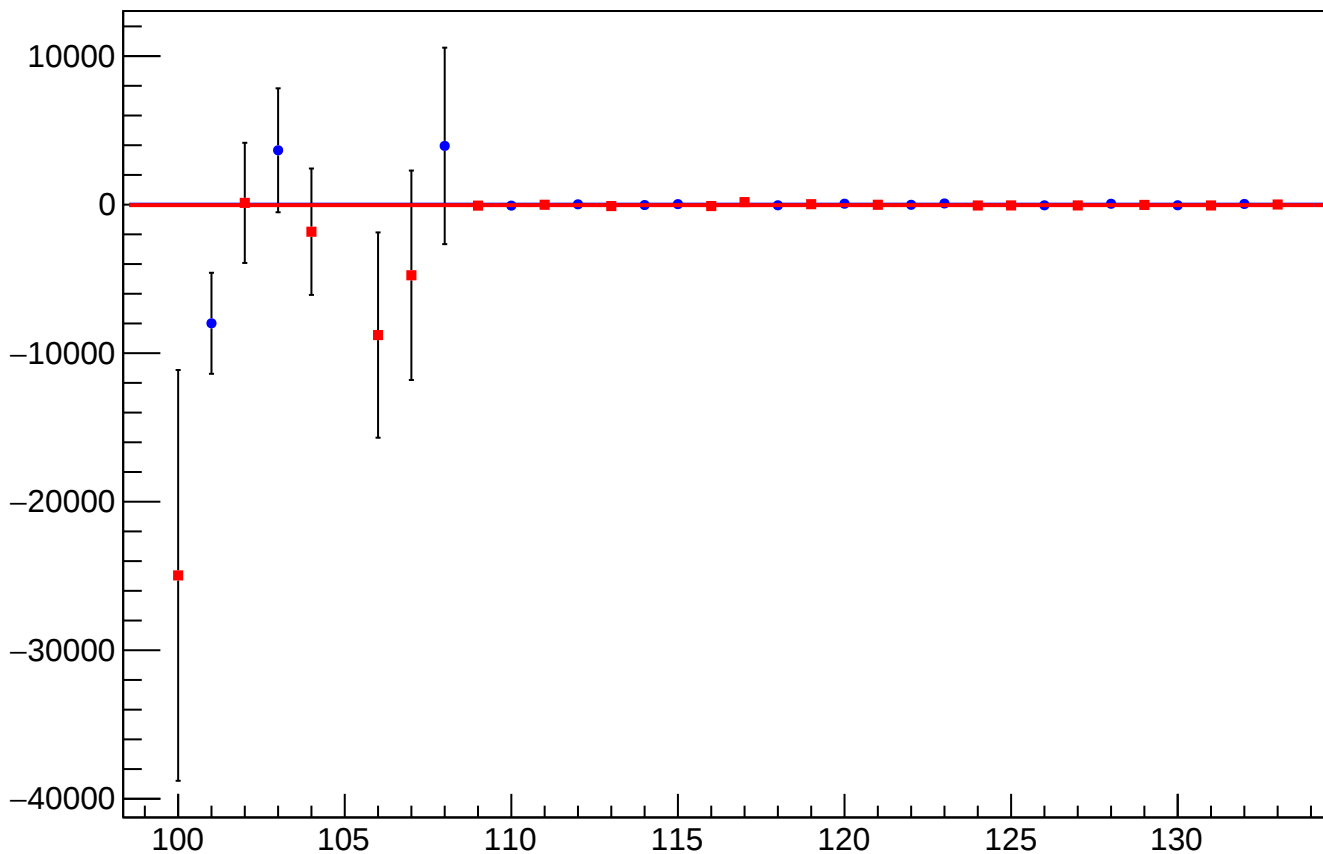
Right Out: 173.623+/-0.062 χ^2/NDF : 4211669.2/17

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

185.496+/-0.068 χ^2/NDF : 3524359.7/14

173.623+/-0.062 χ^2/NDF : 4211669.2/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.471+/-13.642 χ^2/NDF : 18.1/14

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

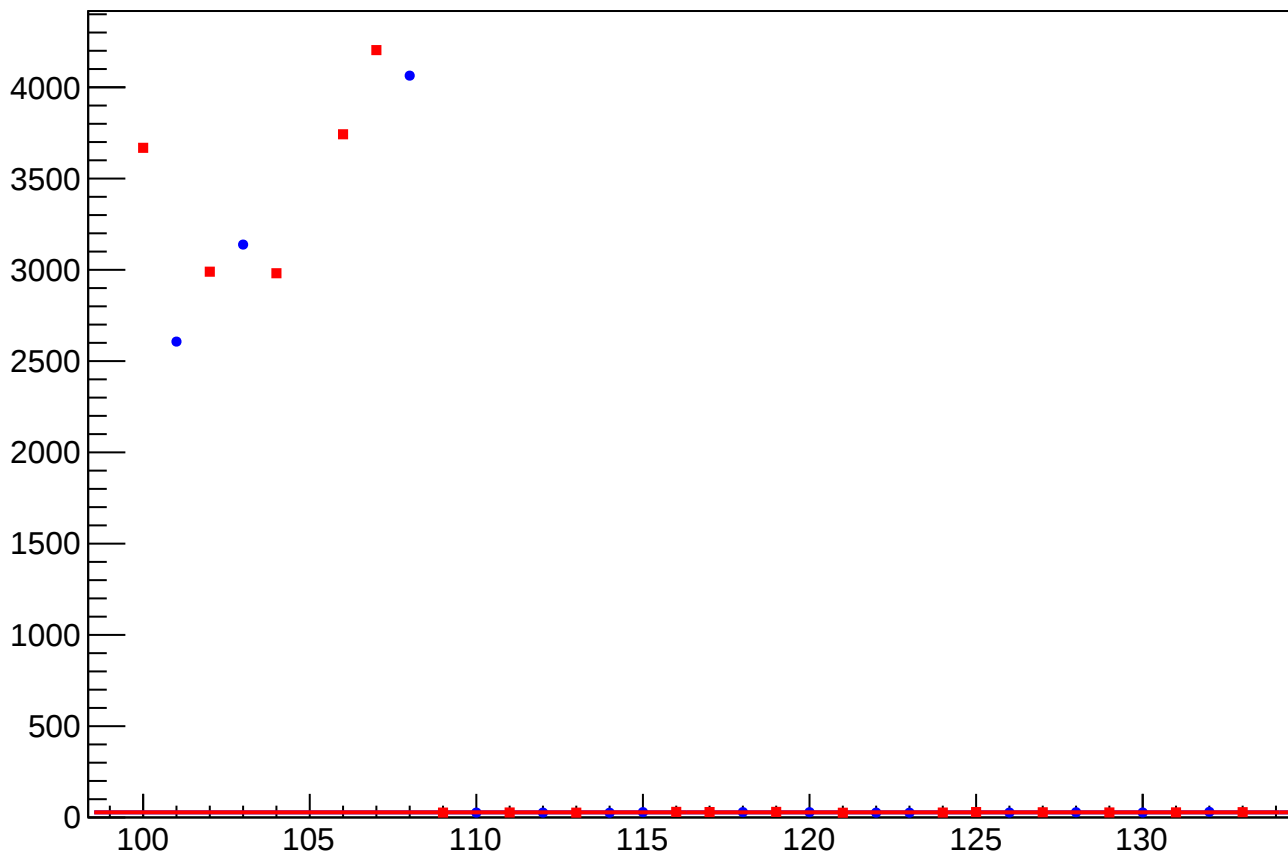
Right Out: -33.688+/-13.183 χ^2/NDF : 16.3/17

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

-3.471+/-13.642 χ^2/NDF : 18.1/14

-33.688+/-13.183 χ^2/NDF : 16.3/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.909+/-0.010 χ^2/NDF : 3025770.2/14

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

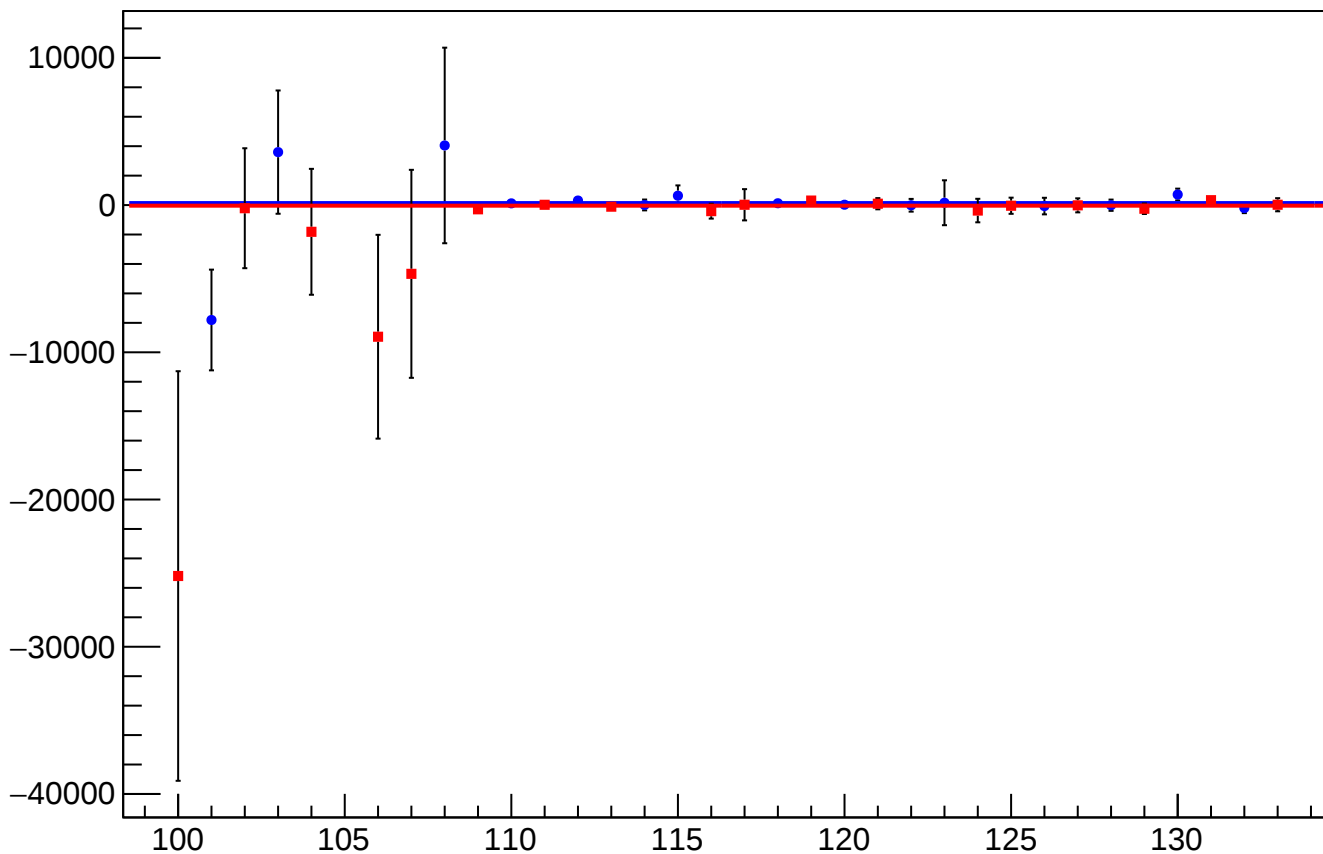
Right Out: 27.978+/-0.009 χ^2/NDF : 3479507.7/17

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

27.909+/-0.010 χ^2/NDF : 3025770.2/14

27.978+/-0.009 χ^2/NDF : 3479507.7/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 135.369+/-96.714 χ^2/NDF : 11.2/14

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

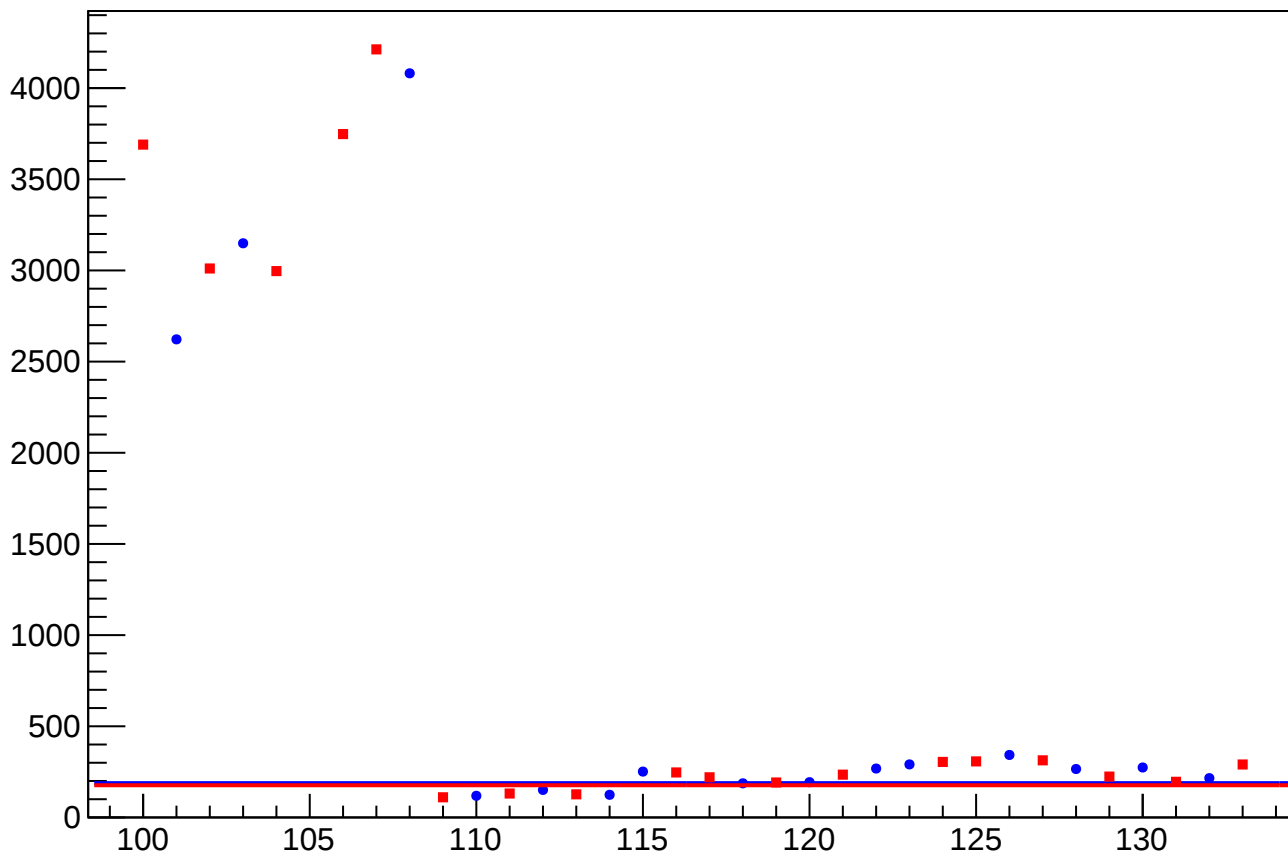
Right Out: -41.003+/-88.262 χ^2/NDF : 11.2/17

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

135.369+/-96.714 χ^2/NDF : 11.2/14

-41.003+/-88.262 χ^2/NDF : 11.2/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 188.182+/-0.068 χ^2/NDF : 3477909.4/14

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

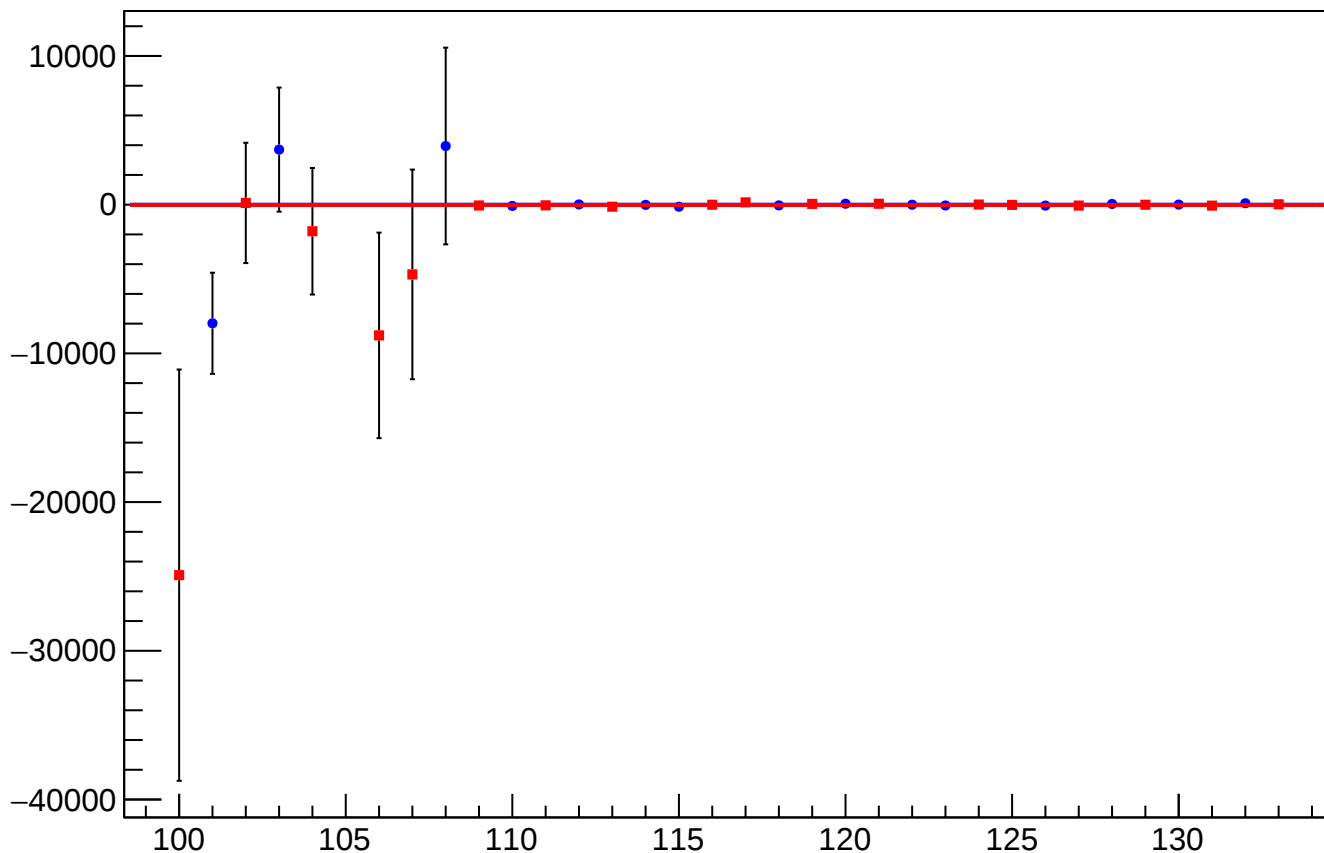
Right Out: 176.575+/-0.062 χ^2/NDF : 4158115.9/17

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

188.182+/-0.068 χ^2/NDF : 3477909.4/14

176.575+/-0.062 χ^2/NDF : 4158115.9/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -3.015+/-16.608 χ^2/NDF : 18.7/14

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

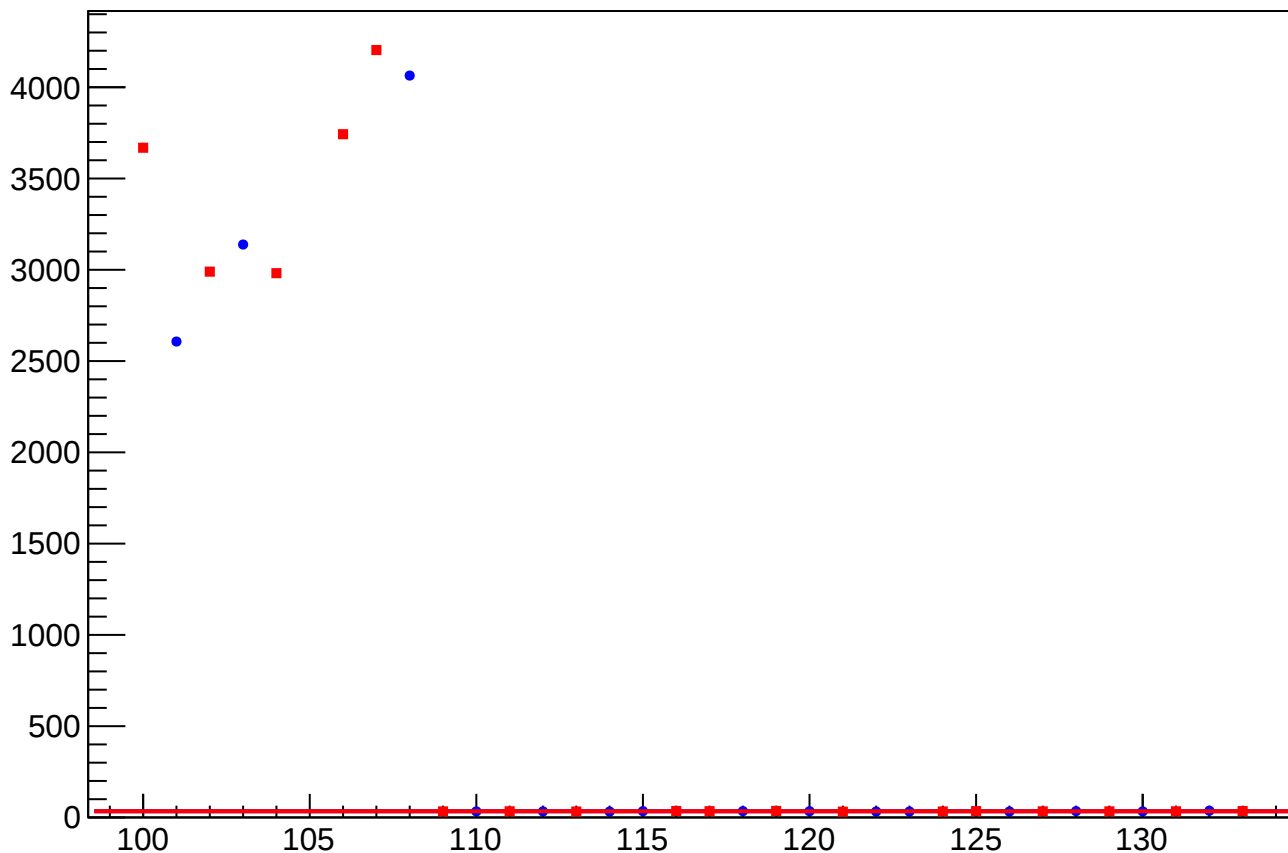
Right Out: -19.885+/-15.929 χ^2/NDF : 20.0/17

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

-3.015+/-16.608 χ^2/NDF : 18.7/14

-19.885+/-15.929 χ^2/NDF : 20.0/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.010 $\pm$ 0.012 χ^2 /NDF: 3005272.4/14

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

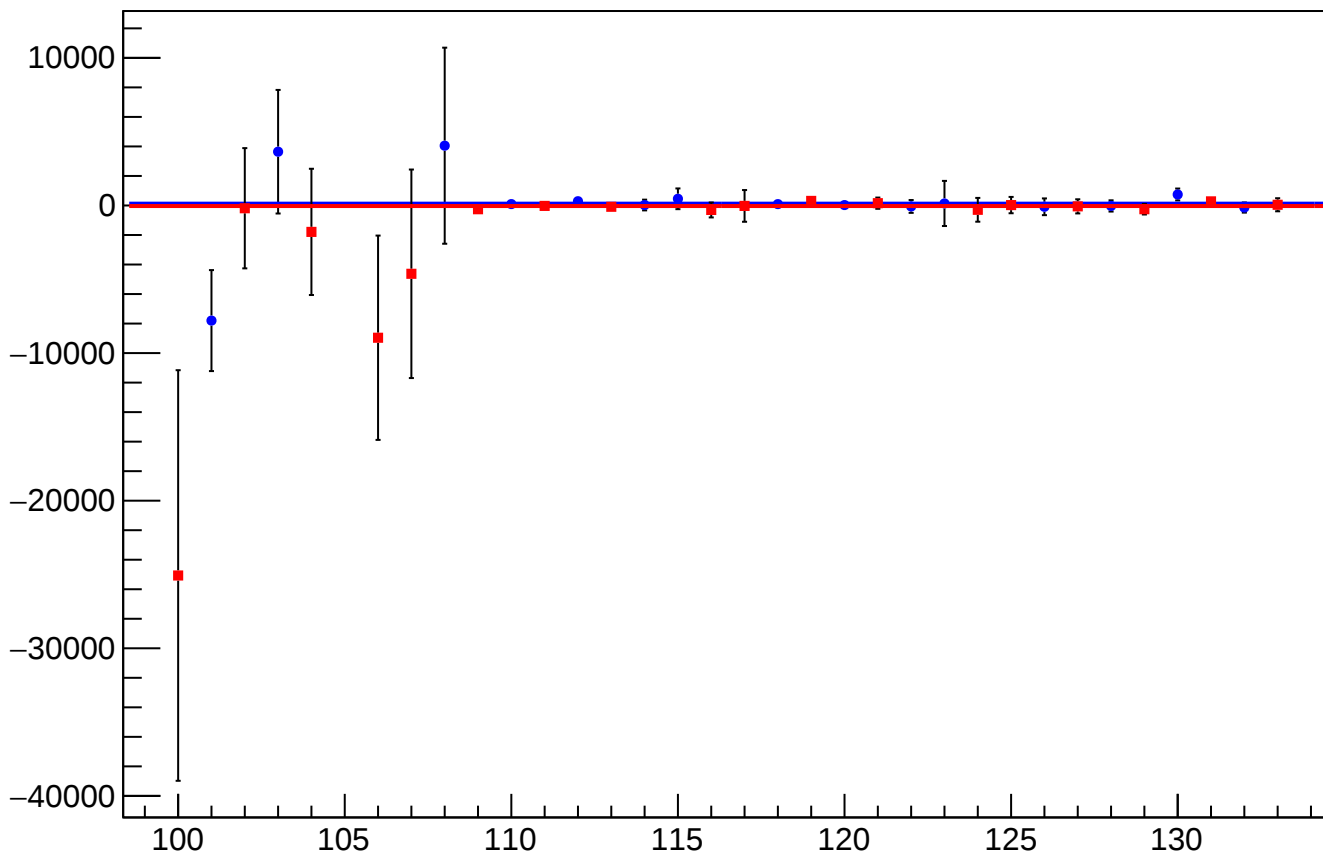
Right Out: 33.877 $\pm$ 0.011 χ^2 /NDF: 3451715.0/17

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

34.010 $\pm$ 0.012 χ^2 /NDF: 3005272.4/14

33.877 $\pm$ 0.011 χ^2 /NDF: 3451715.0/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 123.306+/-96.269 χ^2/NDF : 10.8/14

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

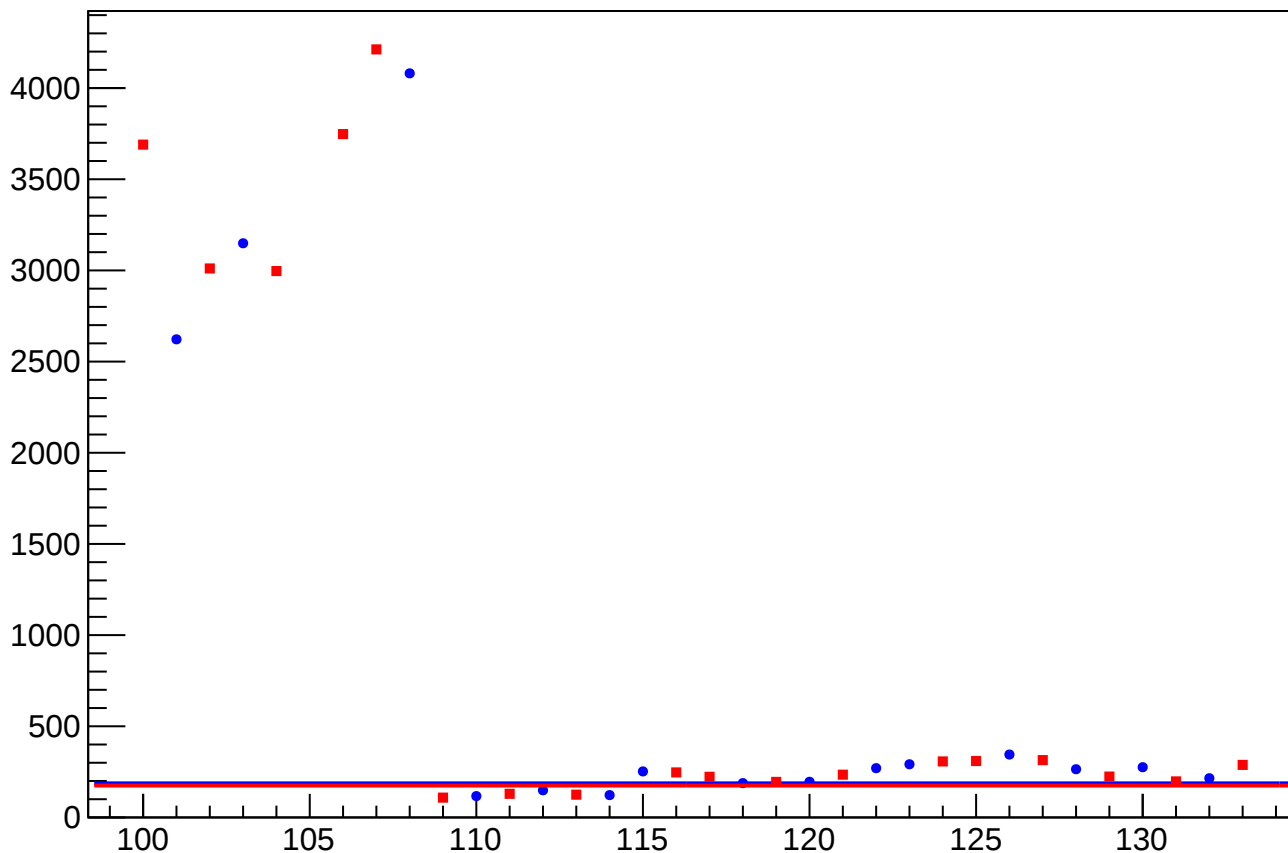
Right Out: -37.696+/-87.793 χ^2/NDF : 10.1/17

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

123.306+/-96.269 χ^2/NDF : 10.8/14

-37.696+/-87.793 χ^2/NDF : 10.1/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 186.903+/-0.068 χ^2/NDF : 3514690.8/14

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

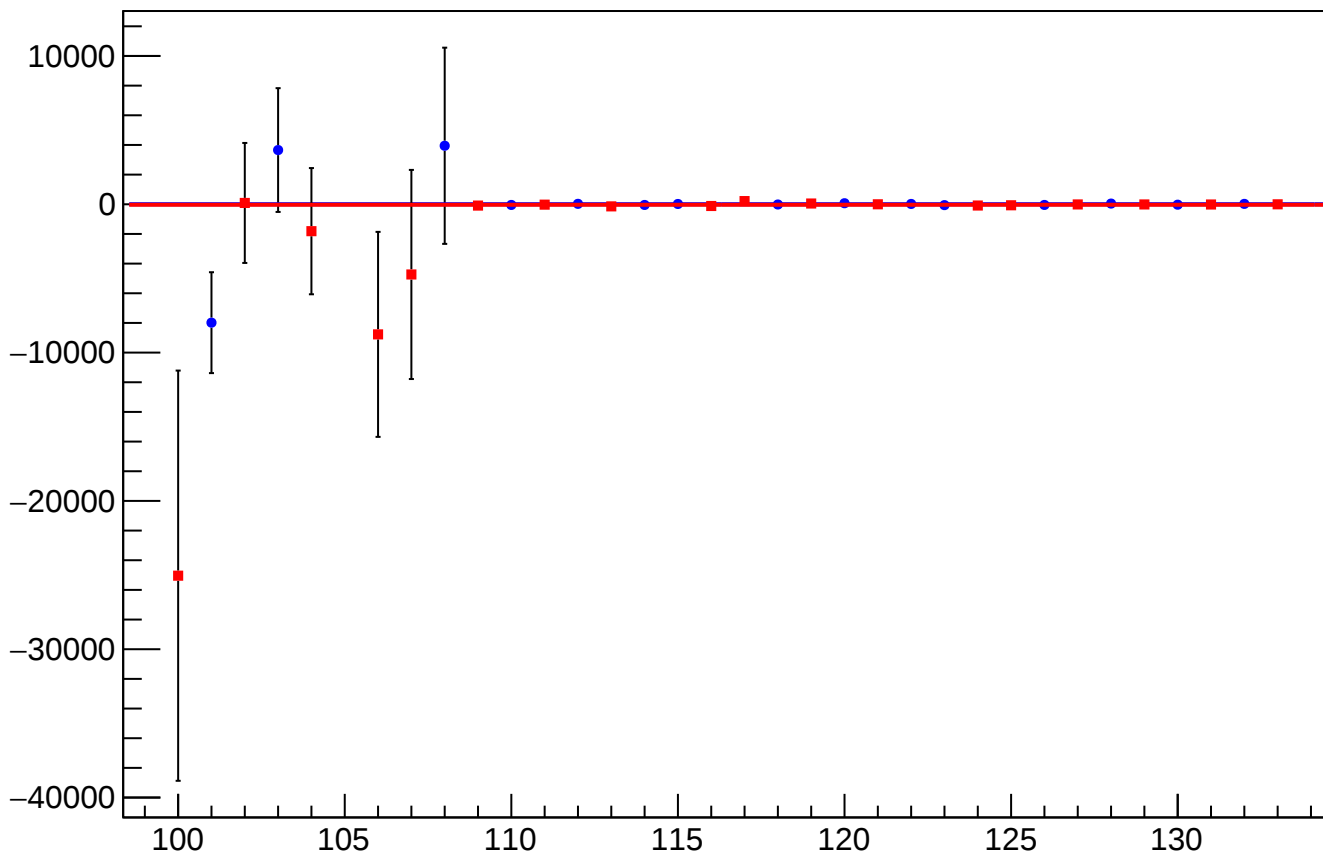
Right Out: 175.122+/-0.062 χ^2/NDF : 4204144.0/17

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

186.903+/-0.068 χ^2/NDF : 3514690.8/14

175.122+/-0.062 χ^2/NDF : 4204144.0/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 4.185+/-15.144 χ^2 /NDF: 13.0/14

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

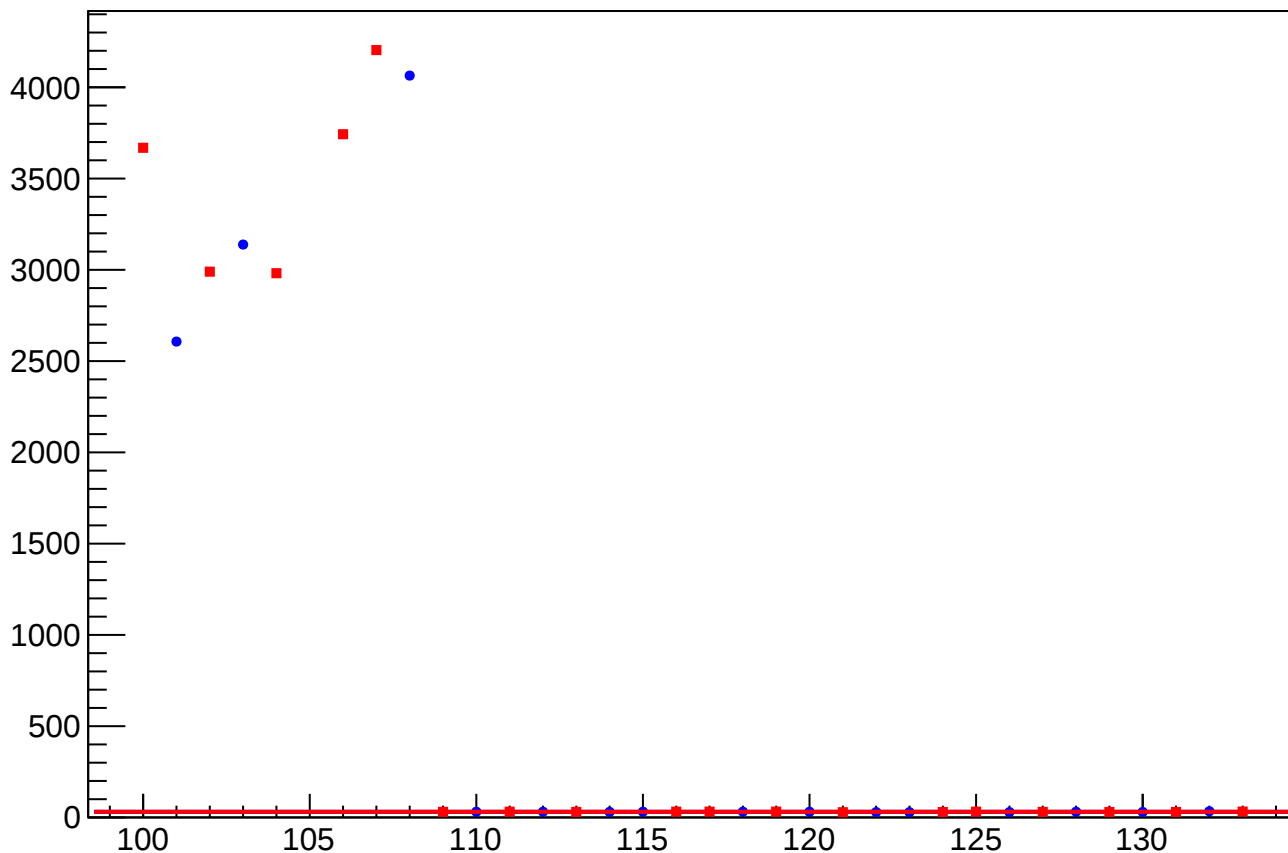
Right Out: -32.407+/-14.593 χ^2 /NDF: 22.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

4.185+/-15.144 χ^2 /NDF: 13.0/14

-32.407+/-14.593 χ^2 /NDF: 22.2/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.016+/-0.011 χ^2/NDF : 3013643.7/14

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

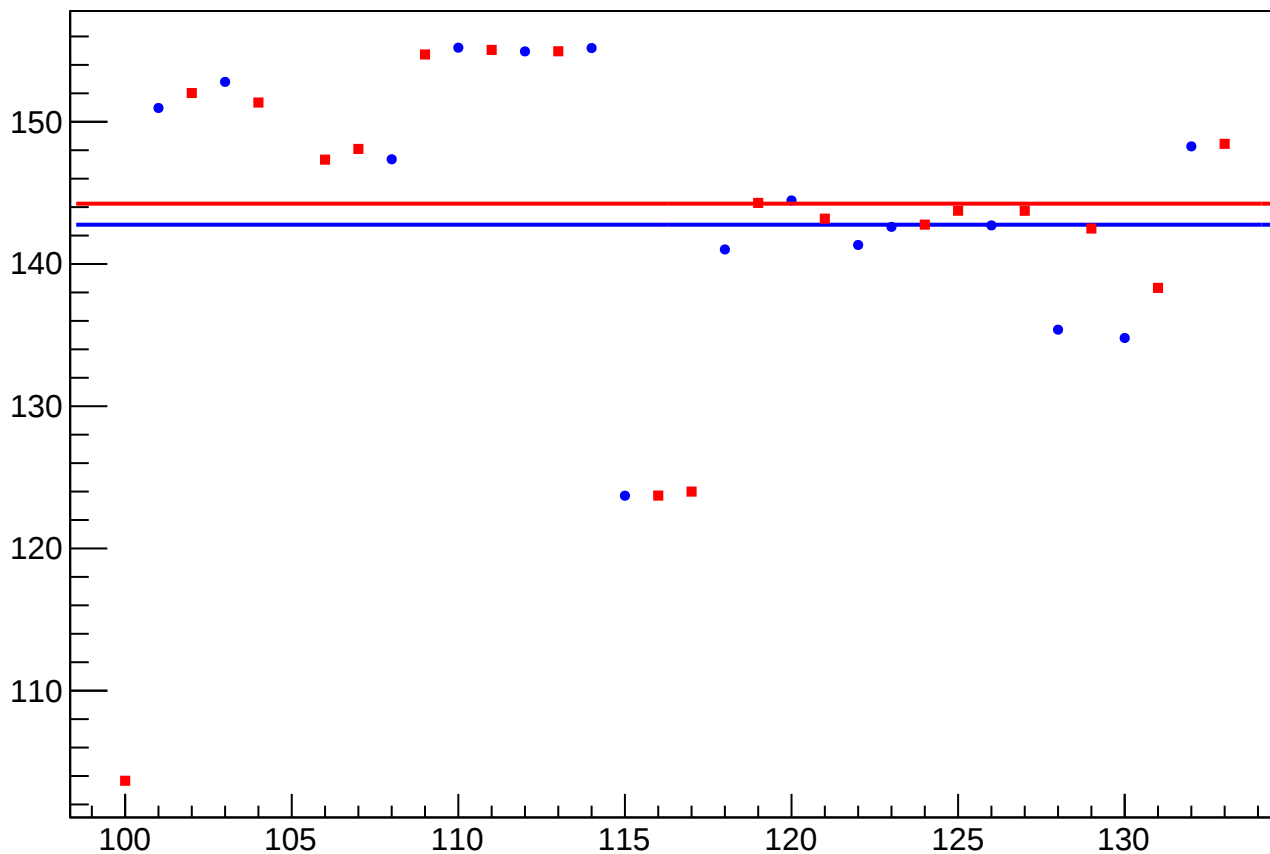
Right Out: 31.016+/-0.010 χ^2/NDF : 3458808.6/17

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

31.016+/-0.011 χ^2/NDF : 3013643.7/14

31.016+/-0.010 χ^2/NDF : 3458808.6/17

yield_bcm_an_ds_mean vs Slug



Right In: 142.763+/-0.000 χ^2/NDF : 3231865521.8/14

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

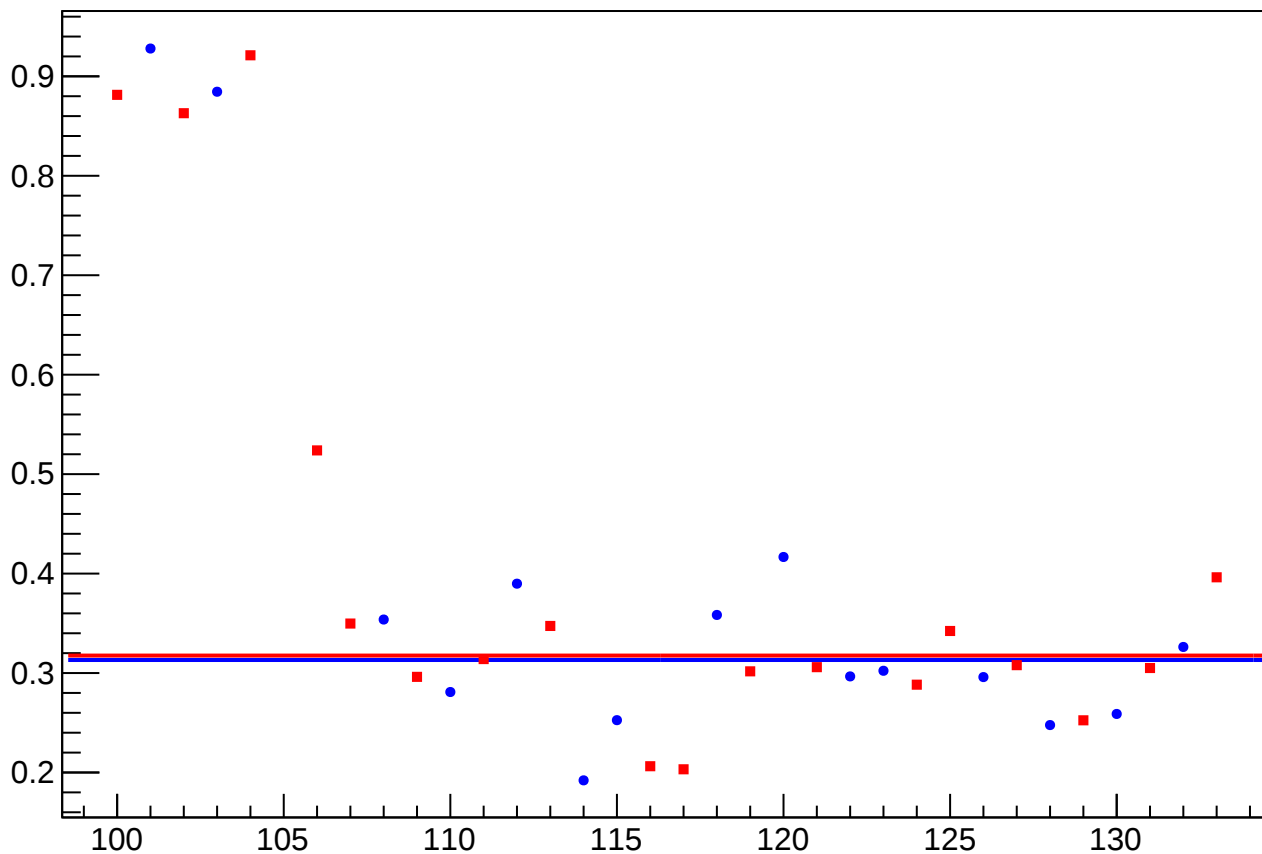
Right Out: 144.243+/-0.000 χ^2/NDF : 4470850171.8/17

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

142.763+/-0.000 χ^2/NDF : 3231865521.8/14

144.243+/-0.000 χ^2/NDF : 4470850171.8/17

yield_bcm_an_ds_rms vs Slug



Right In: 0.313+/-0.000 χ^2/NDF : 1266496.4/14

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

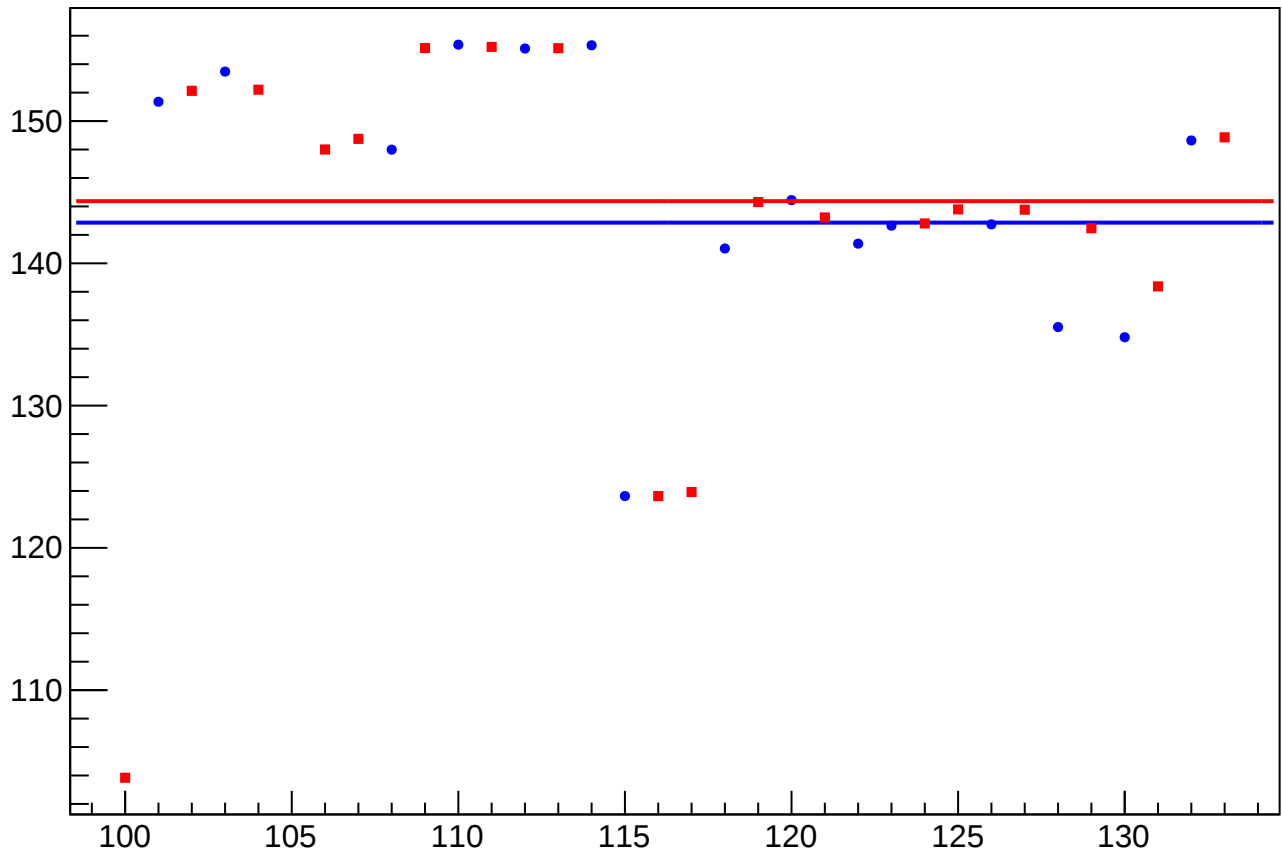
Right Out: 0.318+/-0.000 χ^2/NDF : 1226766.3/17

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

0.313+/-0.000 χ^2/NDF : 1266496.4/14

0.318+/-0.000 χ^2/NDF : 1226766.3/17

yield_bcm_an_ds3_mean vs Slug



Right In: 142.862+/-0.000 χ^2/NDF : 3255771690.9/14

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

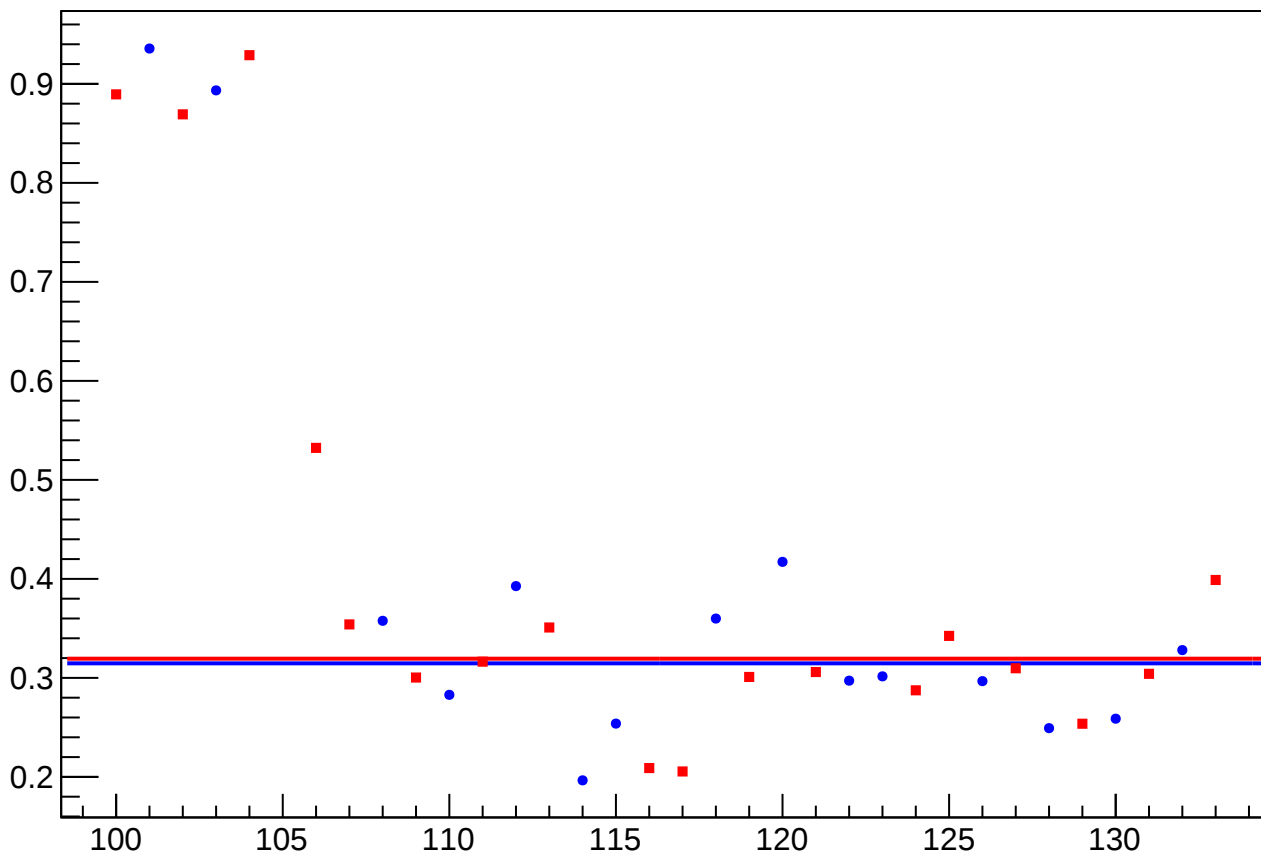
Right Out: 144.371+/-0.000 χ^2/NDF : 4499309469.4/17

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

142.862+/-0.000 χ^2/NDF : 3255771690.9/14

144.371+/-0.000 χ^2/NDF : 4499309469.4/17

yield_bcm_an_ds3_rms vs Slug



Right In: 0.315+/-0.000 χ^2/NDF : 1267794.2/14

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

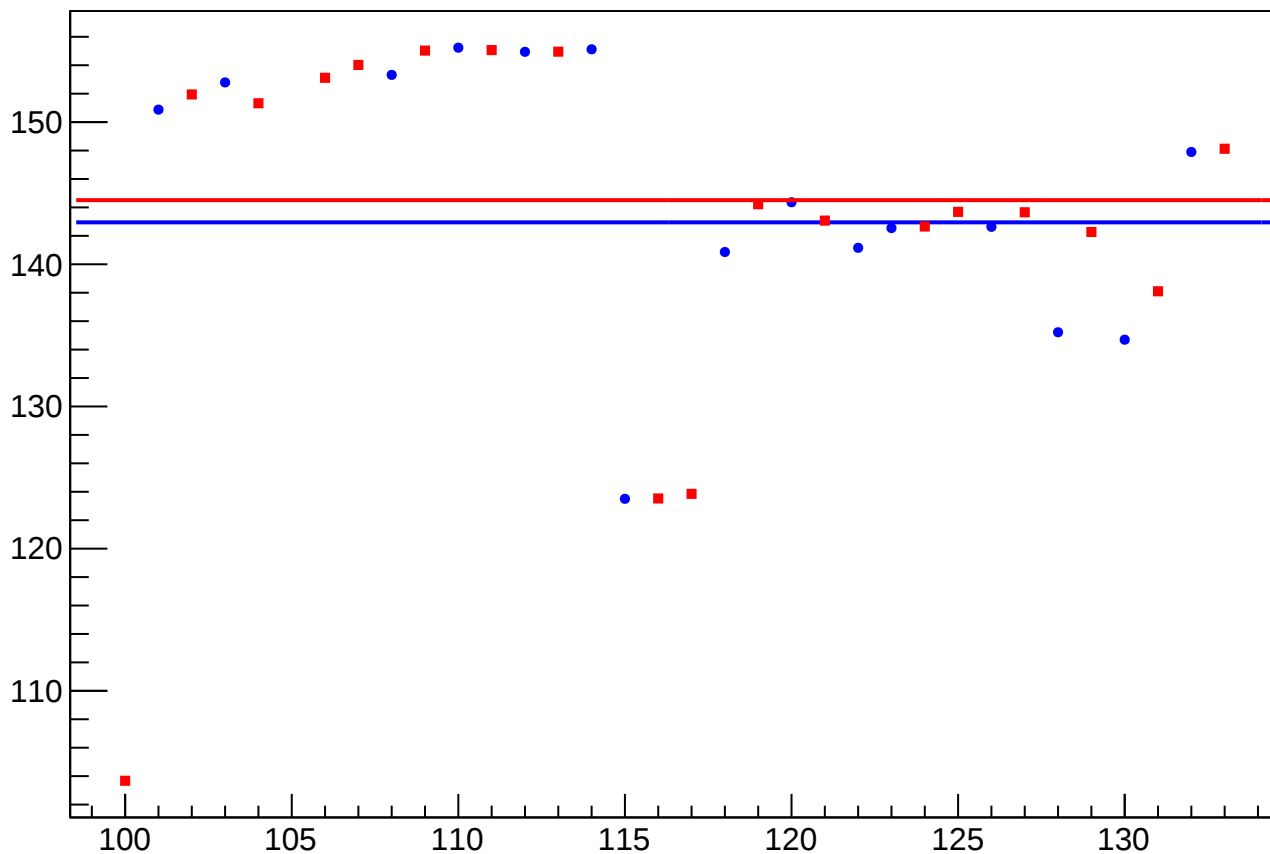
Right Out: 0.319+/-0.000 χ^2/NDF : 1229105.7/17

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

0.315+/-0.000 χ^2/NDF : 1267794.2/14

0.319+/-0.000 χ^2/NDF : 1229105.7/17

yield_bcm_an_us_mean vs Slug



Right In: 142.949+/-0.000 χ^2/NDF : 3484337655.1/14

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

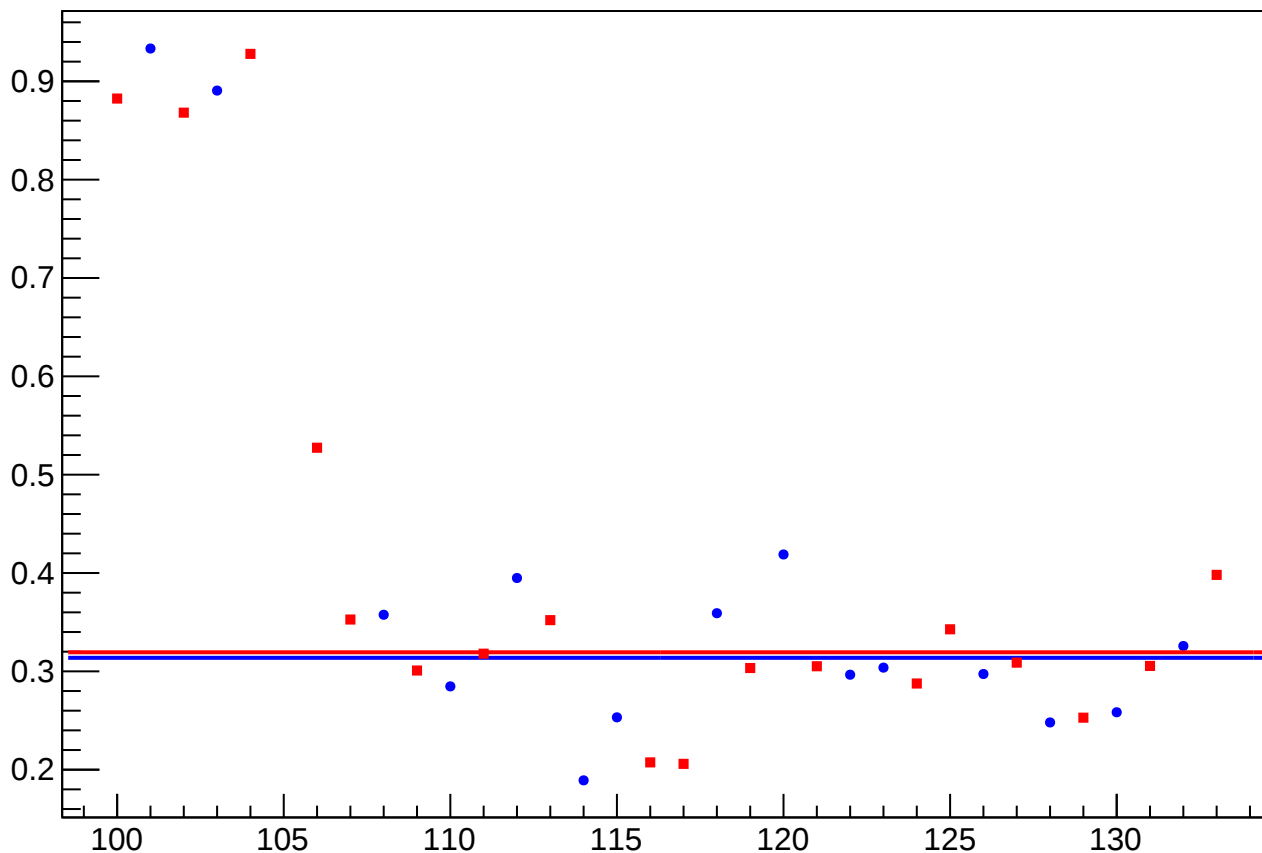
Right Out: 144.510+/-0.000 χ^2/NDF : 4763702745.8/17

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

142.949+/-0.000 χ^2/NDF : 3484337655.1/14

144.510+/-0.000 χ^2/NDF : 4763702745.8/17

yield_bcm_an_us_rms vs Slug



Right In: 0.314+/-0.000 χ^2/NDF : 1281282.8/14

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

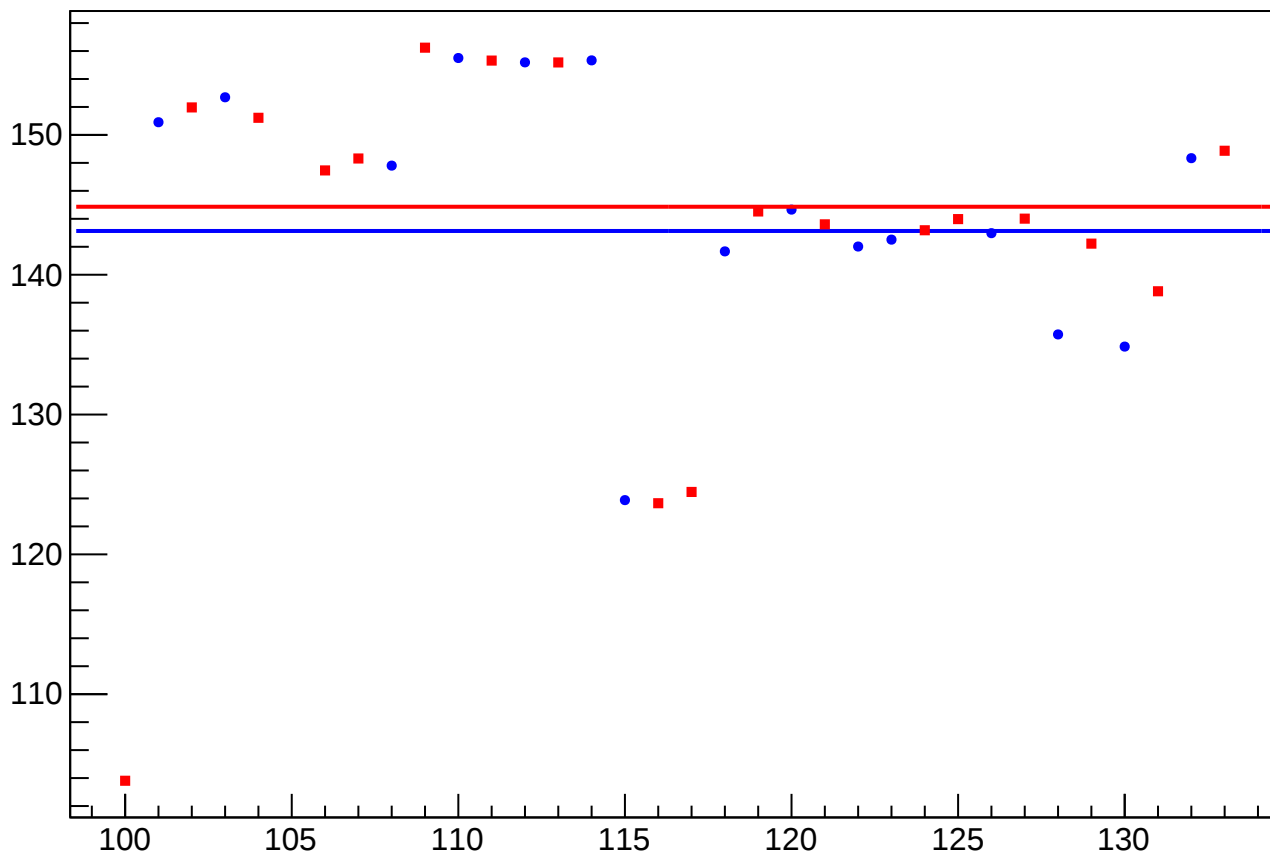
Right Out: 0.319+/-0.000 χ^2/NDF : 1230067.4/17

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

0.314+/-0.000 χ^2/NDF : 1281282.8/14

0.319+/-0.000 χ^2/NDF : 1230067.4/17

yield_bcm_dg_us_mean vs Slug



Right In: 143.130+/-0.000 χ^2/NDF : 2992751631.7/14

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

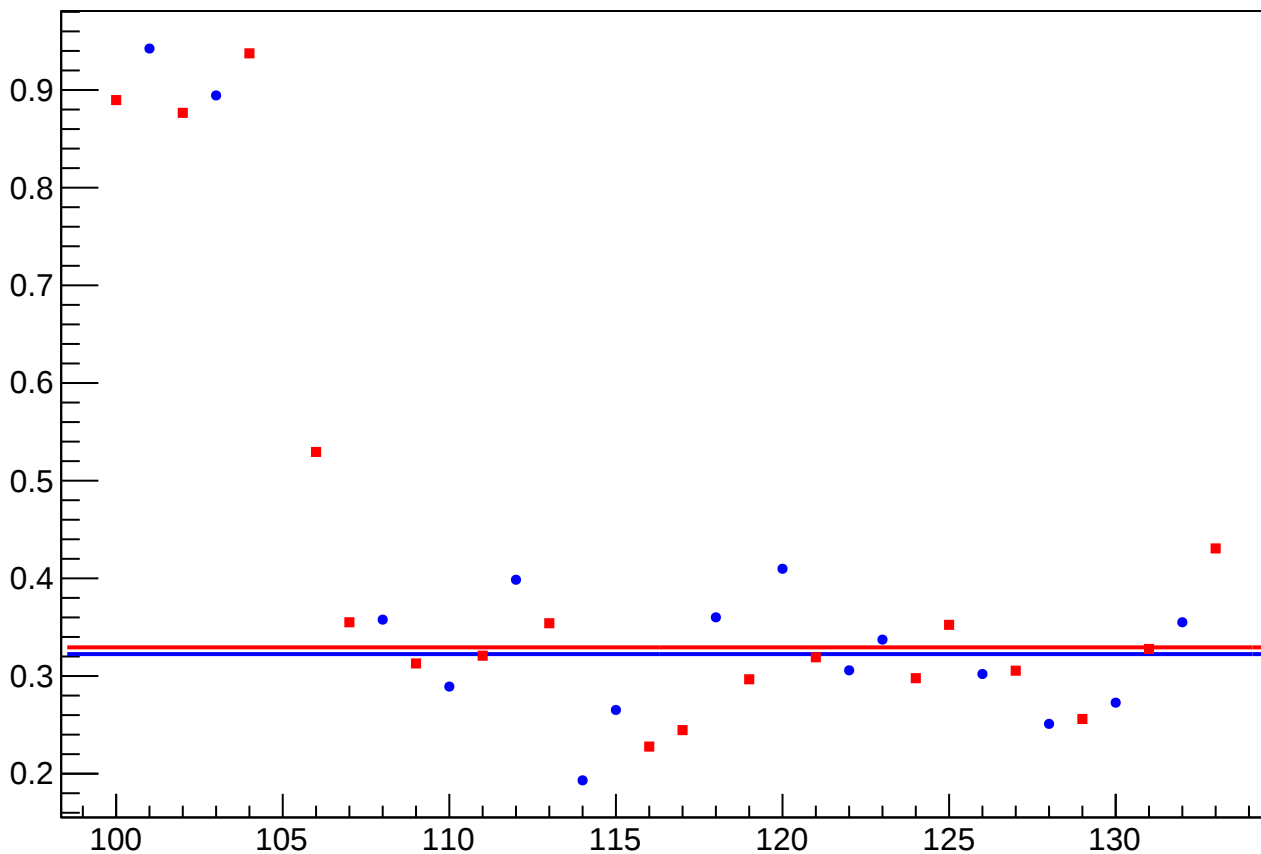
Right Out: 144.863+/-0.000 χ^2/NDF : 4043508584.7/17

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

143.130+/-0.000 χ^2/NDF : 2992751631.7/14

144.863+/-0.000 χ^2/NDF : 4043508584.7/17

yield_bcm_dg_us_rms vs Slug



Right In: 0.322+/-0.000 χ^2/NDF : 1242686.9/14

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

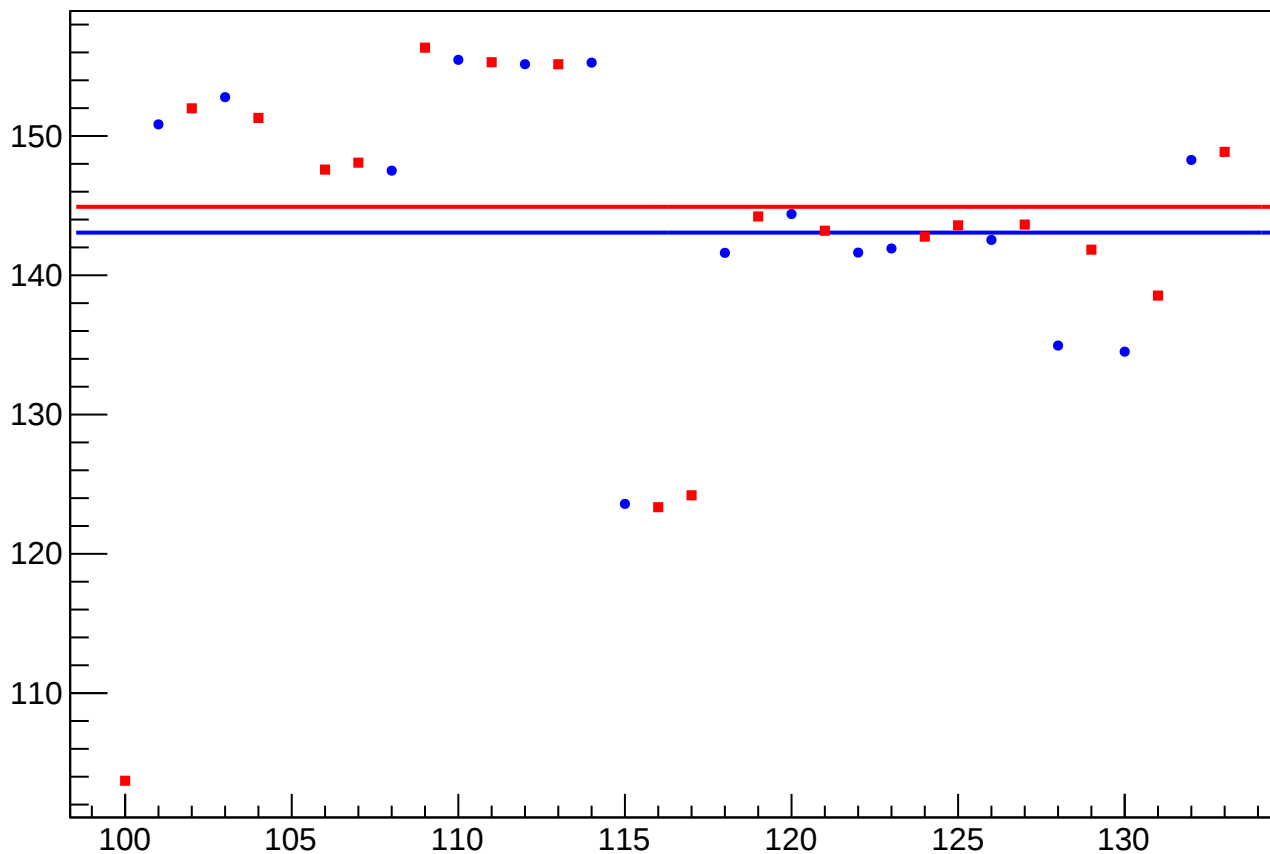
Right Out: 0.329+/-0.000 χ^2/NDF : 1176533.9/17

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

0.322+/-0.000 χ^2/NDF : 1242686.9/14

0.329+/-0.000 χ^2/NDF : 1176533.9/17

yield_bcm_dg_ds_mean vs Slug



Right In: 143.063+/-0.000 χ^2/NDF : 3142283908.2/14

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

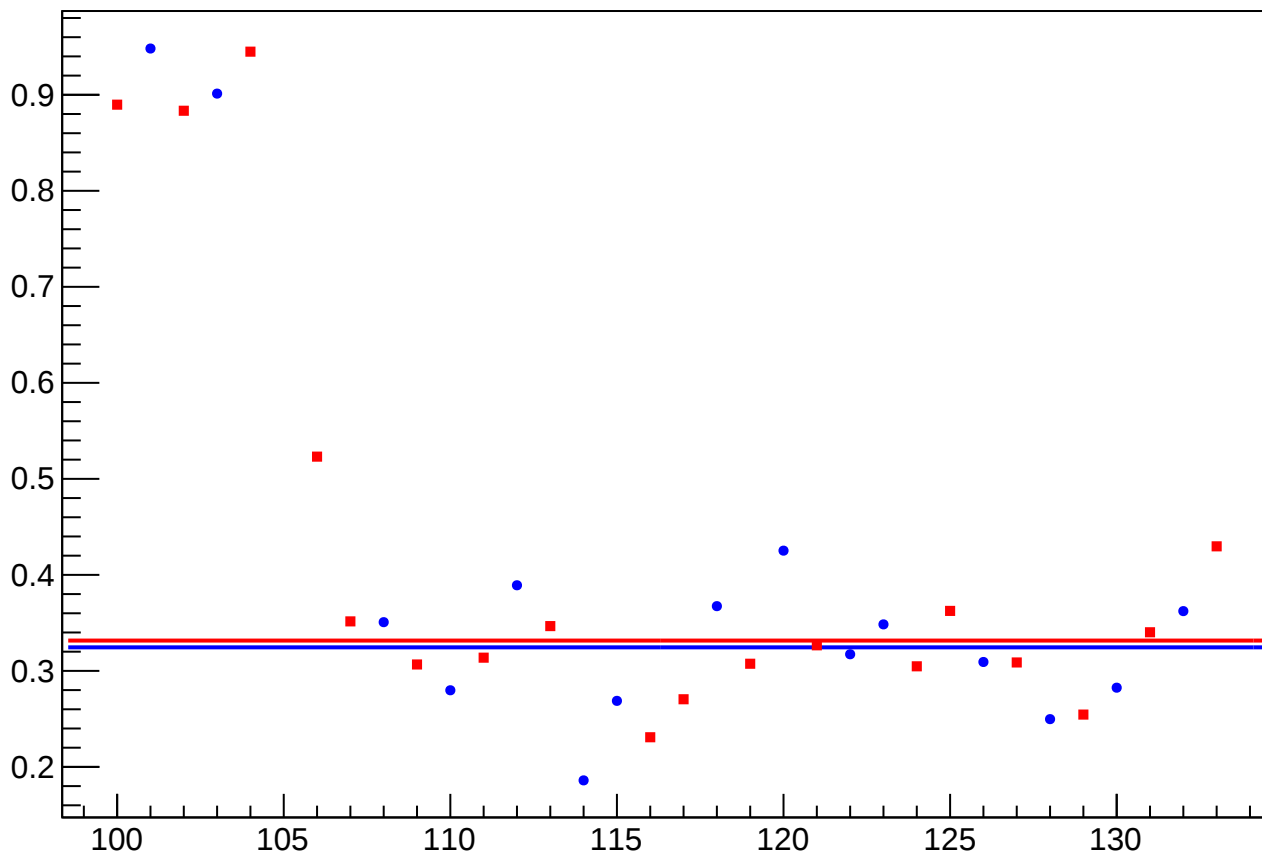
Right Out: 144.917+/-0.000 χ^2/NDF : 4083352498.4/17

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

143.063+/-0.000 χ^2/NDF : 3142283908.2/14

144.917+/-0.000 χ^2/NDF : 4083352498.4/17

yield_bcm_dg_ds_rms vs Slug



Right In: 0.325+/-0.000 χ^2/NDF : 1260437.3/14

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

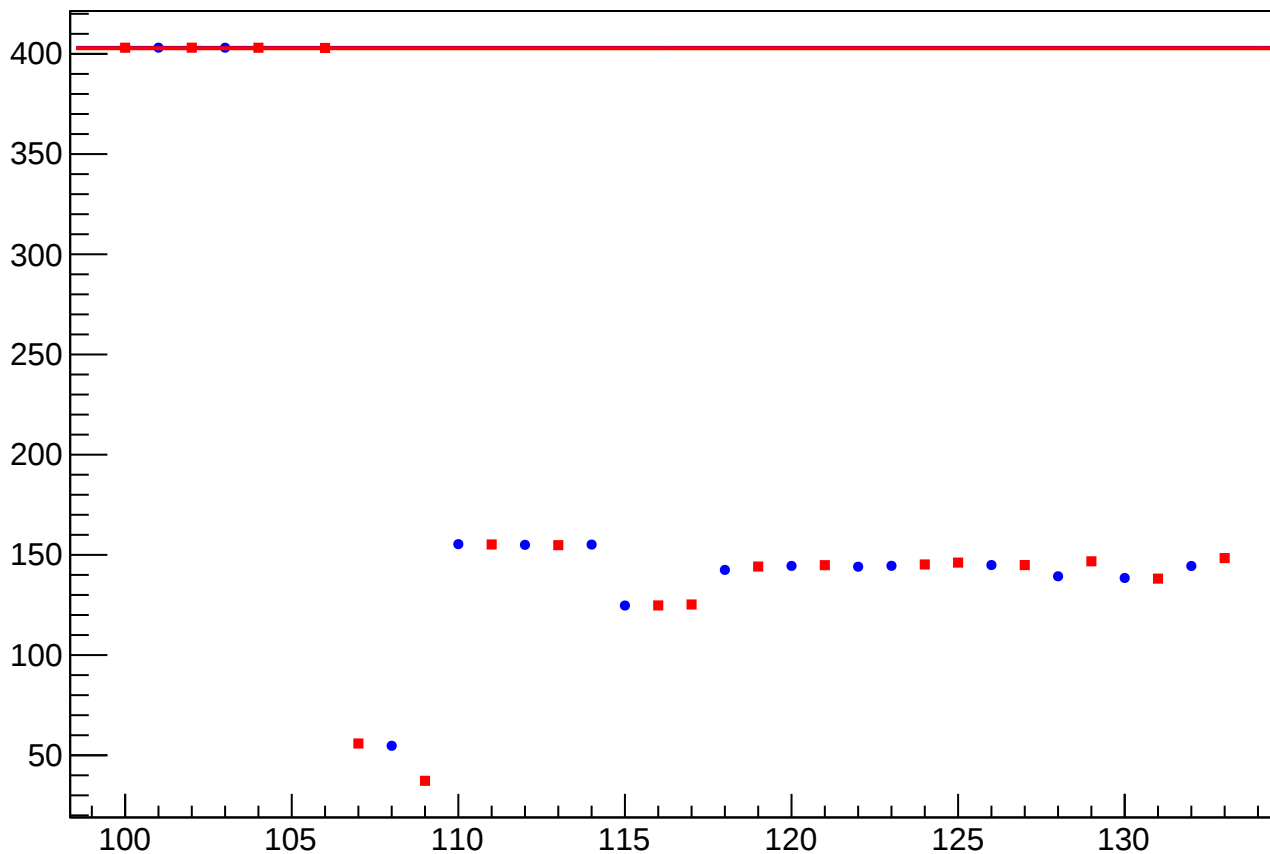
Right Out: 0.332+/-0.000 χ^2/NDF : 1163633.9/17

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

0.325+/-0.000 χ^2/NDF : 1260437.3/14

0.332+/-0.000 χ^2/NDF : 1163633.9/17

yield_cav4bQ_mean vs Slug



Right In: 402.993+/-0.000 χ^2/NDF : 810197606435.5/14

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

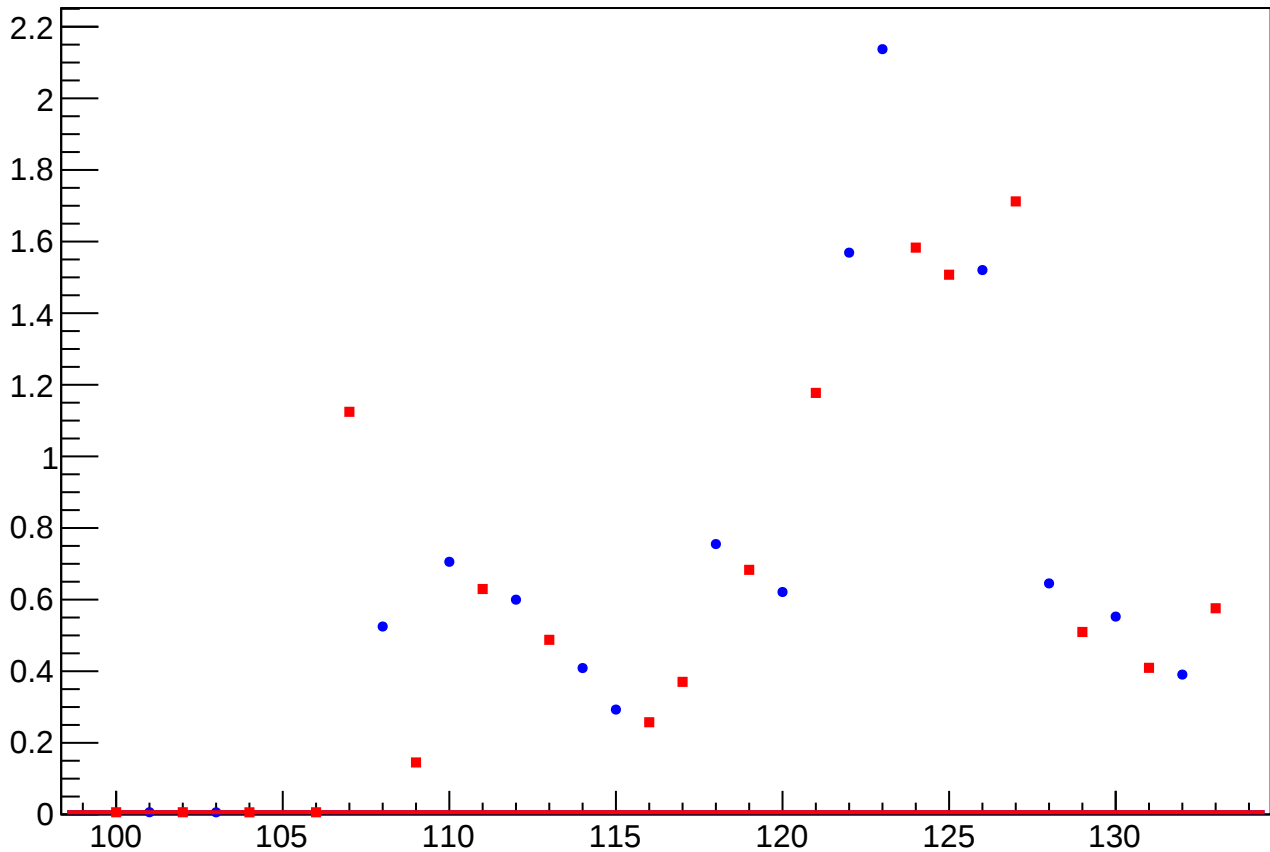
Right Out: 402.818+/-0.000 χ^2/NDF : 2927506526721.1/17

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

402.993+/-0.000 χ^2/NDF : 810197606435.5/14

402.818+/-0.000 χ^2/NDF : 2927506526721.1/17

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 7279008.8/14

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

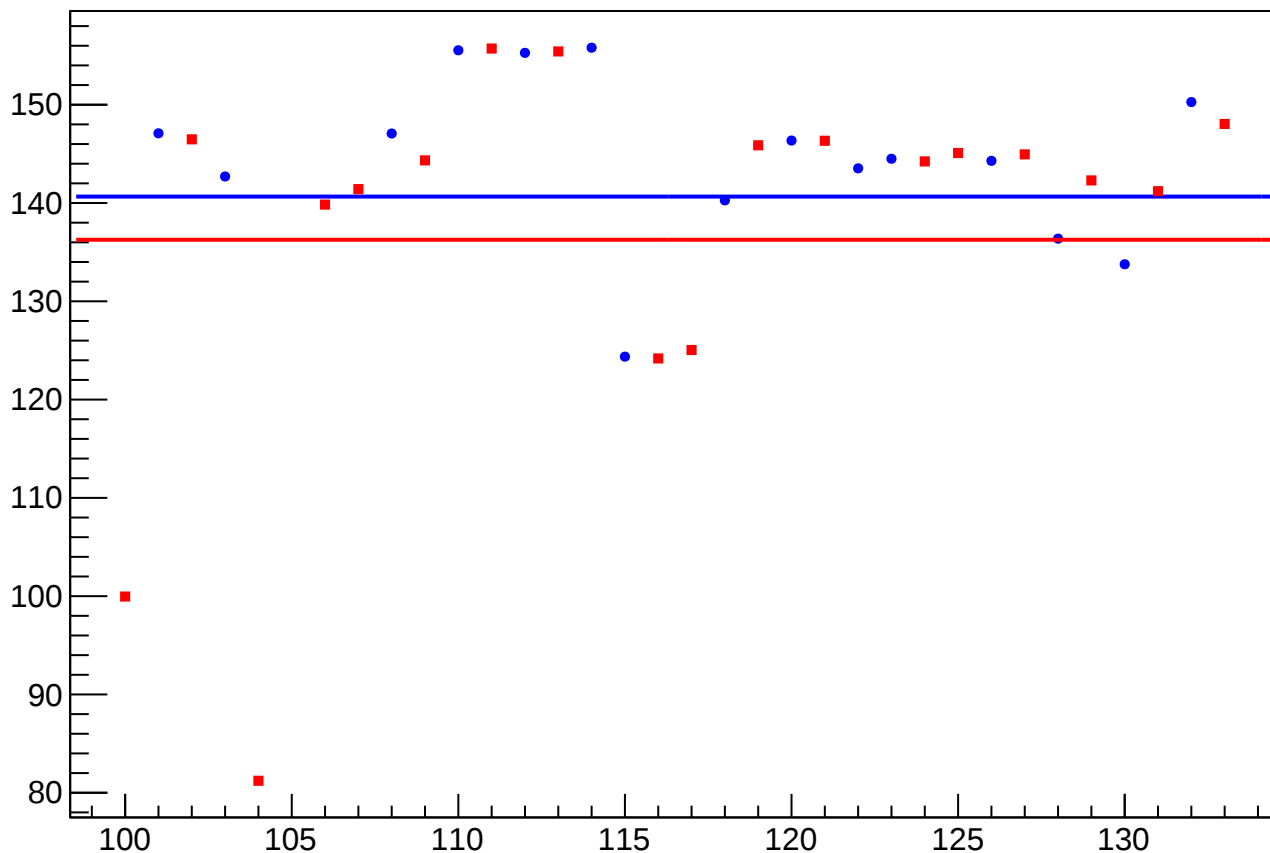
Right Out: 0.006+/-0.000 χ^2/NDF : 8081514.1/17

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

0.006+/-0.000 χ^2/NDF : 7279008.8/14

0.006+/-0.000 χ^2/NDF : 8081514.1/17

yield_cav4cQ_mean vs Slug



Right In: 140.655+/-0.000 χ^2/NDF : 907920823.5/14

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

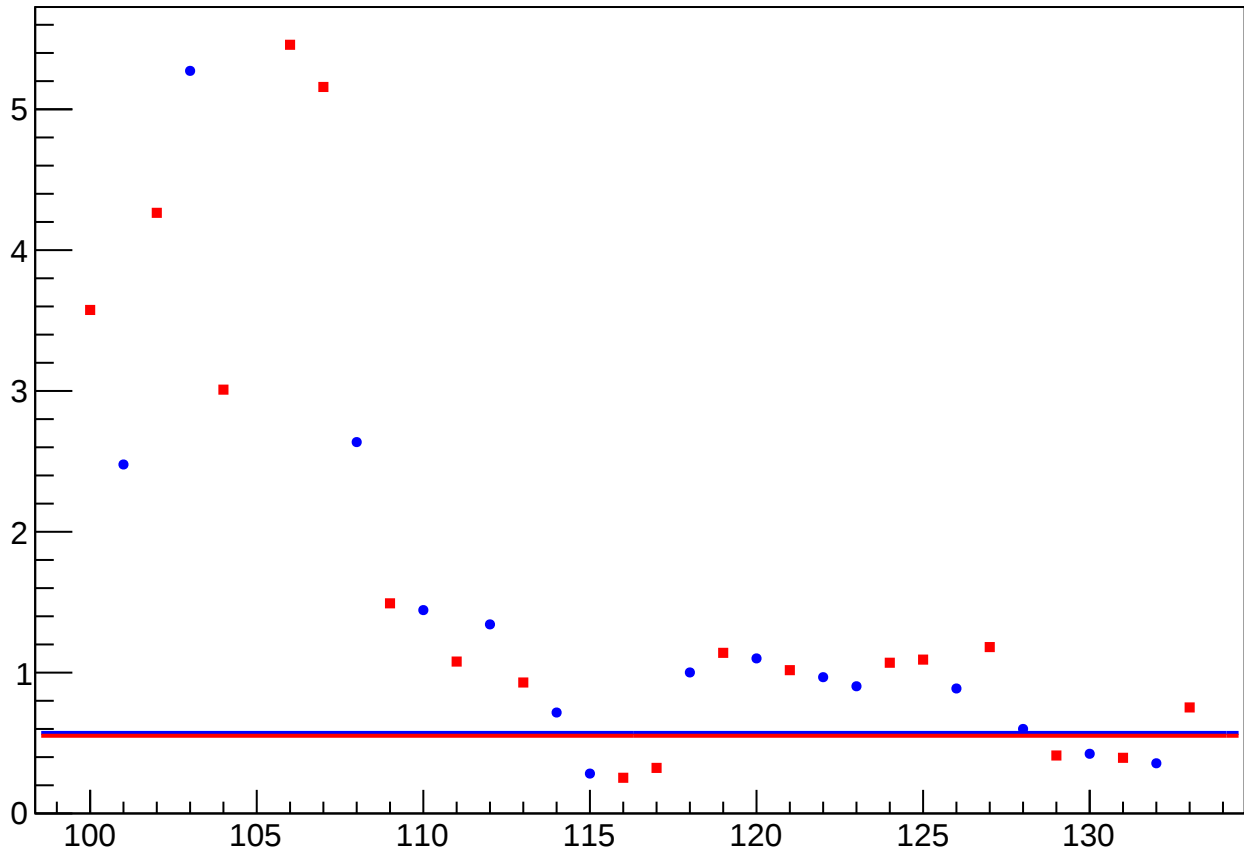
Right Out: 136.264+/-0.000 χ^2/NDF : 1265804690.3/17

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

140.655+/-0.000 χ^2/NDF : 907920823.5/14

136.264+/-0.000 χ^2/NDF : 1265804690.3/17

yield_cav4cQ_rms vs Slug



Right In: 0.572+/-0.000 χ^2/NDF : 3455831.4/14

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

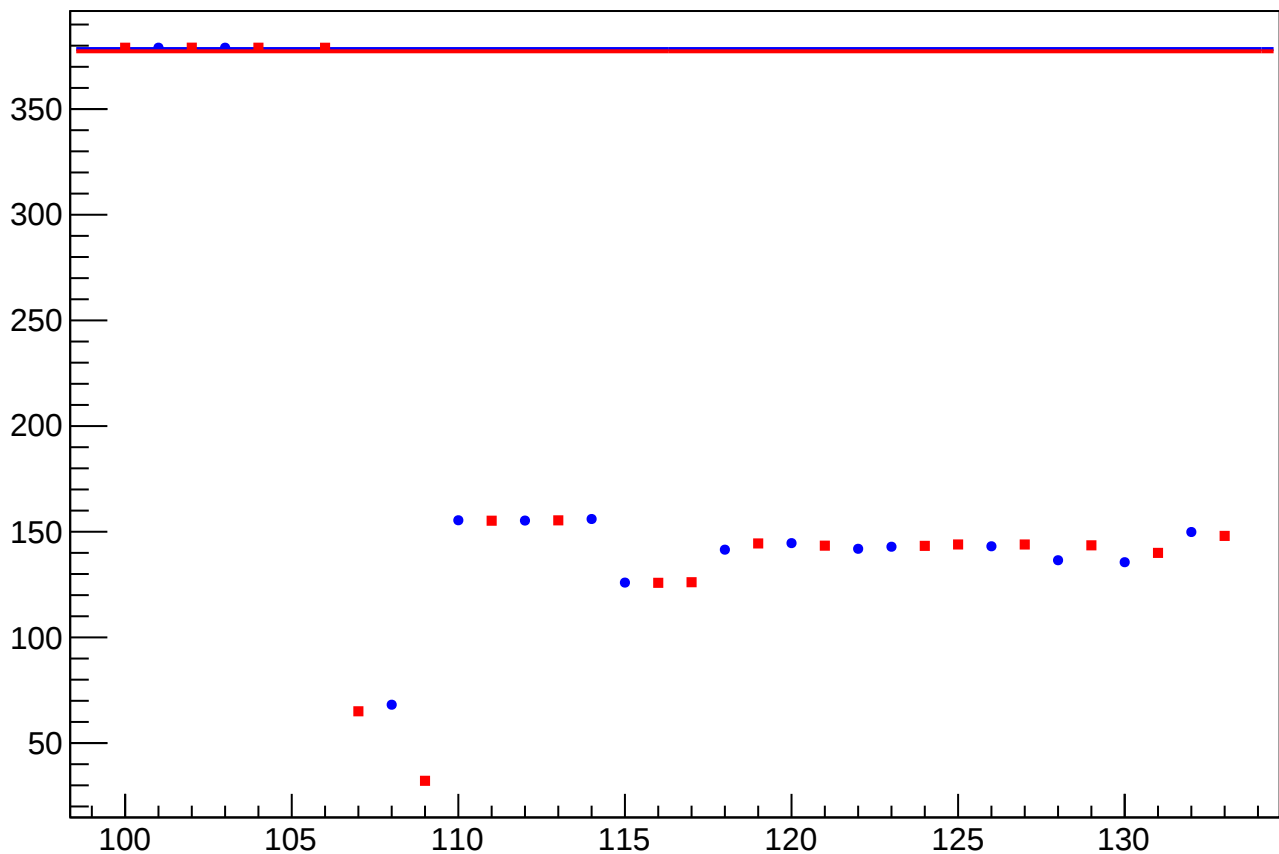
Right Out: 0.552+/-0.000 χ^2/NDF : 4700768.4/17

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

0.572+/-0.000 χ^2/NDF : 3455831.4/14

0.552+/-0.000 χ^2/NDF : 4700768.4/17

yield_cav4dQ_mean vs Slug



Right In: 378.397+/-0.000 χ^2/NDF : 2158822501986.8/14

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

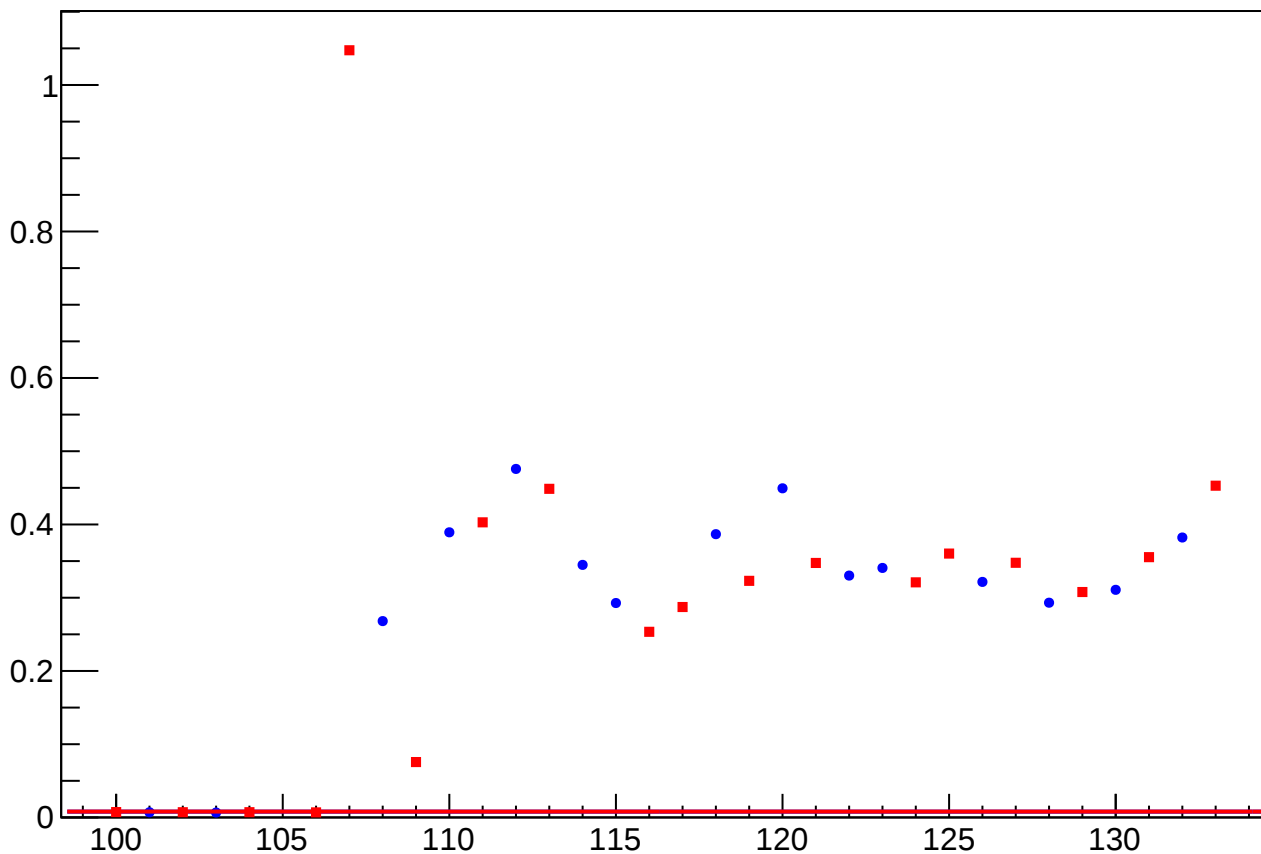
Right Out: 377.339+/-0.000 χ^2/NDF : 8105358965409.7/17

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

378.397+/-0.000 χ^2/NDF : 2158822501986.8/14

377.339+/-0.000 χ^2/NDF : 8105358965409.7/17

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 7961289.7/14

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

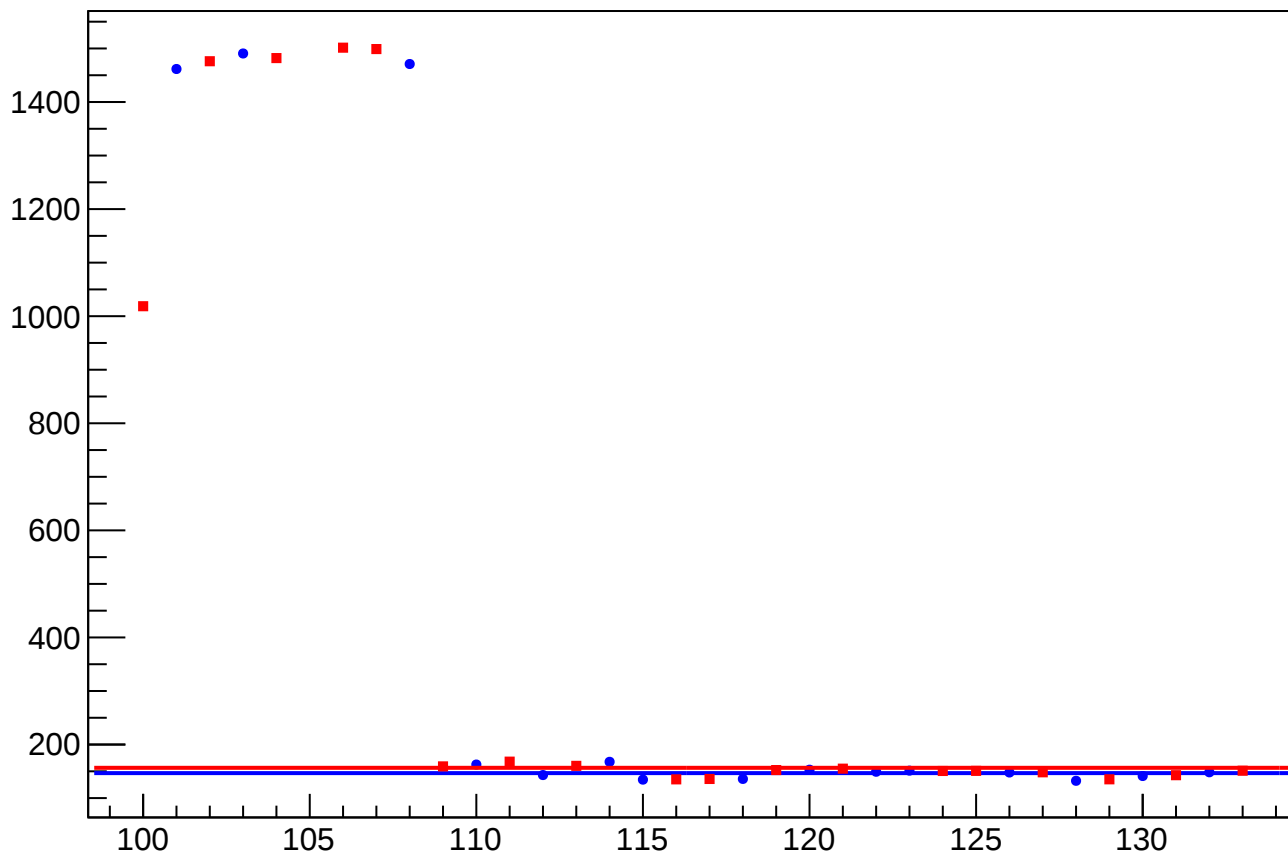
Right Out: 0.008+/-0.000 χ^2/NDF : 8395494.7/17

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

0.008+/-0.000 χ^2/NDF : 7961289.7/14

0.008+/-0.000 χ^2/NDF : 8395494.7/17

yield_bcm0l02_mean vs Slug



Right In: 146.632 $\pm$ 0.000 χ^2 /NDF: 24344041153.1/14

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

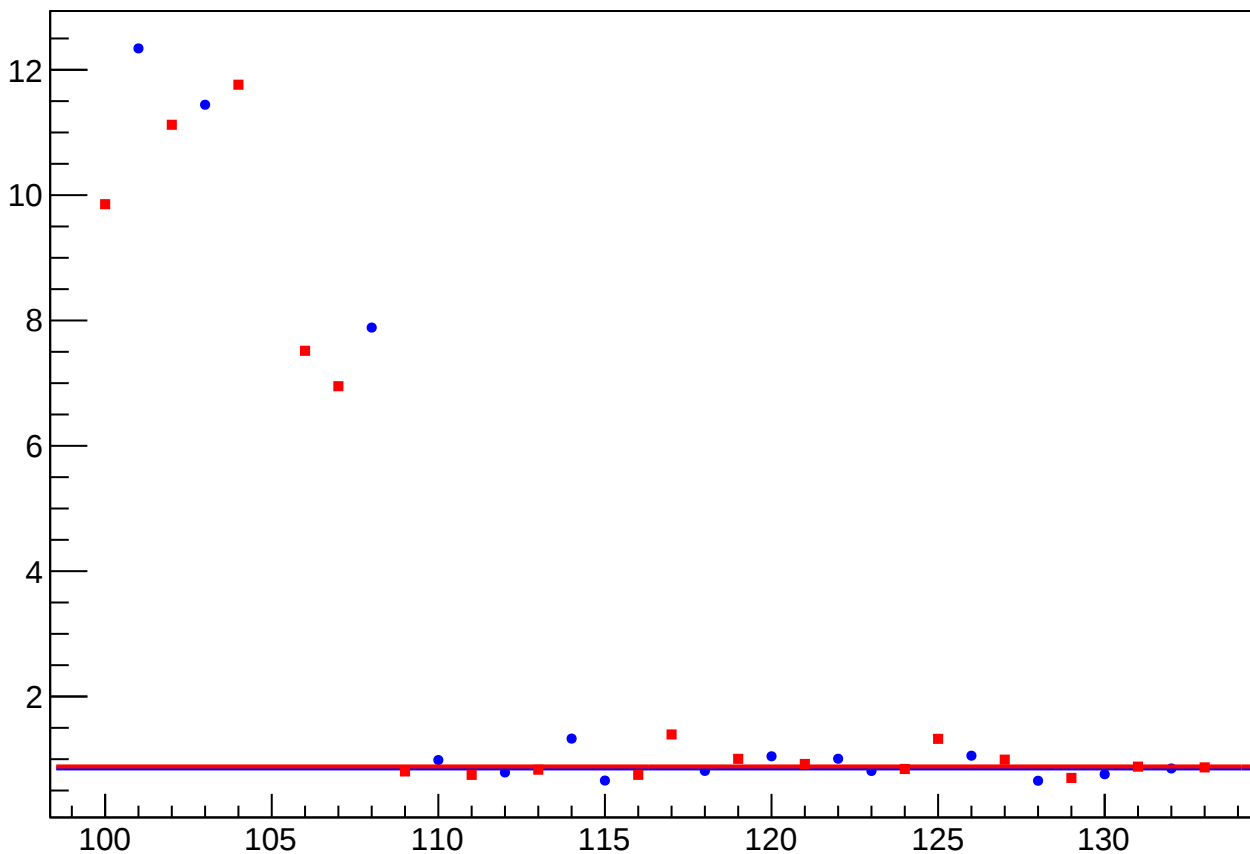
Right Out: 156.544 $\pm$ 0.000 χ^2 /NDF: 33403754166.9/17

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

146.632 $\pm$ 0.000 χ^2 /NDF: 24344041153.1/14

156.544 $\pm$ 0.000 χ^2 /NDF: 33403754166.9/17

yield_bcm0l02_rms vs Slug



Right In: 0.852+/-0.000 χ^2/NDF : 2662832.6/14

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

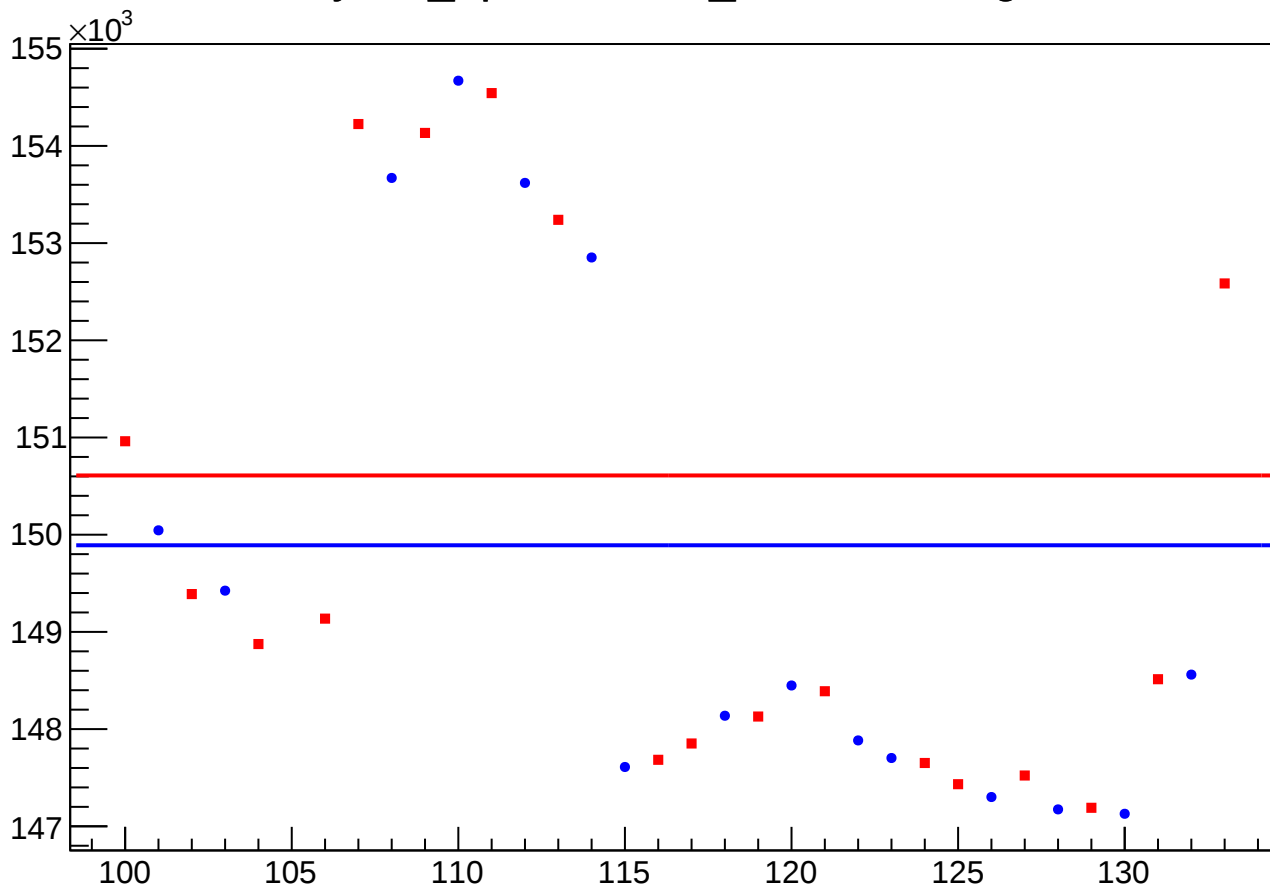
Right Out: 0.884+/-0.000 χ^2/NDF : 2787699.4/17

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

0.852+/-0.000 χ^2/NDF : 2662832.6/14

0.884+/-0.000 χ^2/NDF : 2787699.4/17

yield_bpm0i01WS_mean vs Slug



Right In: 149891.229 $\pm$ 0.067 χ^2 /NDF: 1868738125.2/14

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

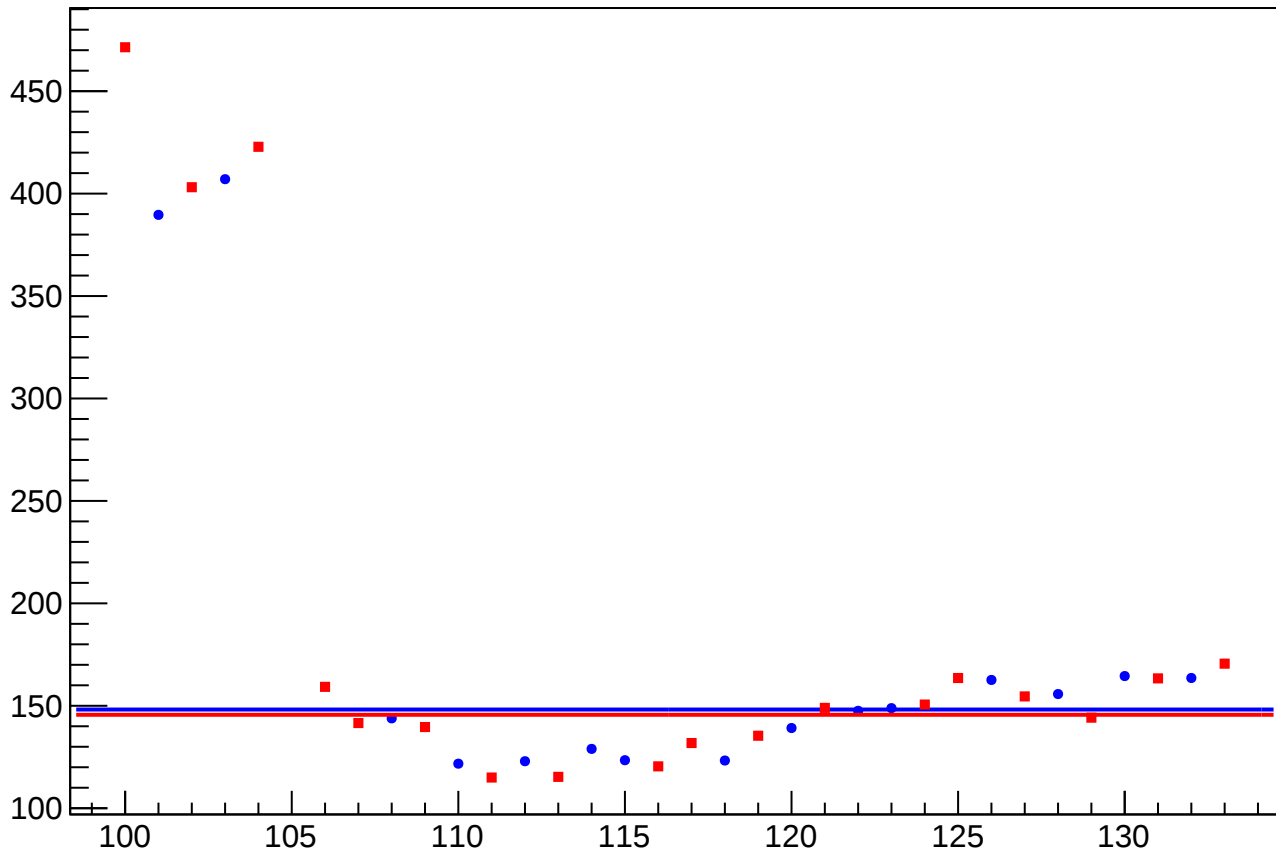
Right Out: 150609.578 $\pm$ 0.061 χ^2 /NDF: 2371678282.0/17

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

149891.229 $\pm$ 0.067 χ^2 /NDF: 1868738125.2/14

150609.578 $\pm$ 0.061 χ^2 /NDF: 2371678282.0/17

yield_bpm0i01WS_rms vs Slug



Right In: 148.174+/-0.047 χ^2/NDF : 1058684.1/14

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

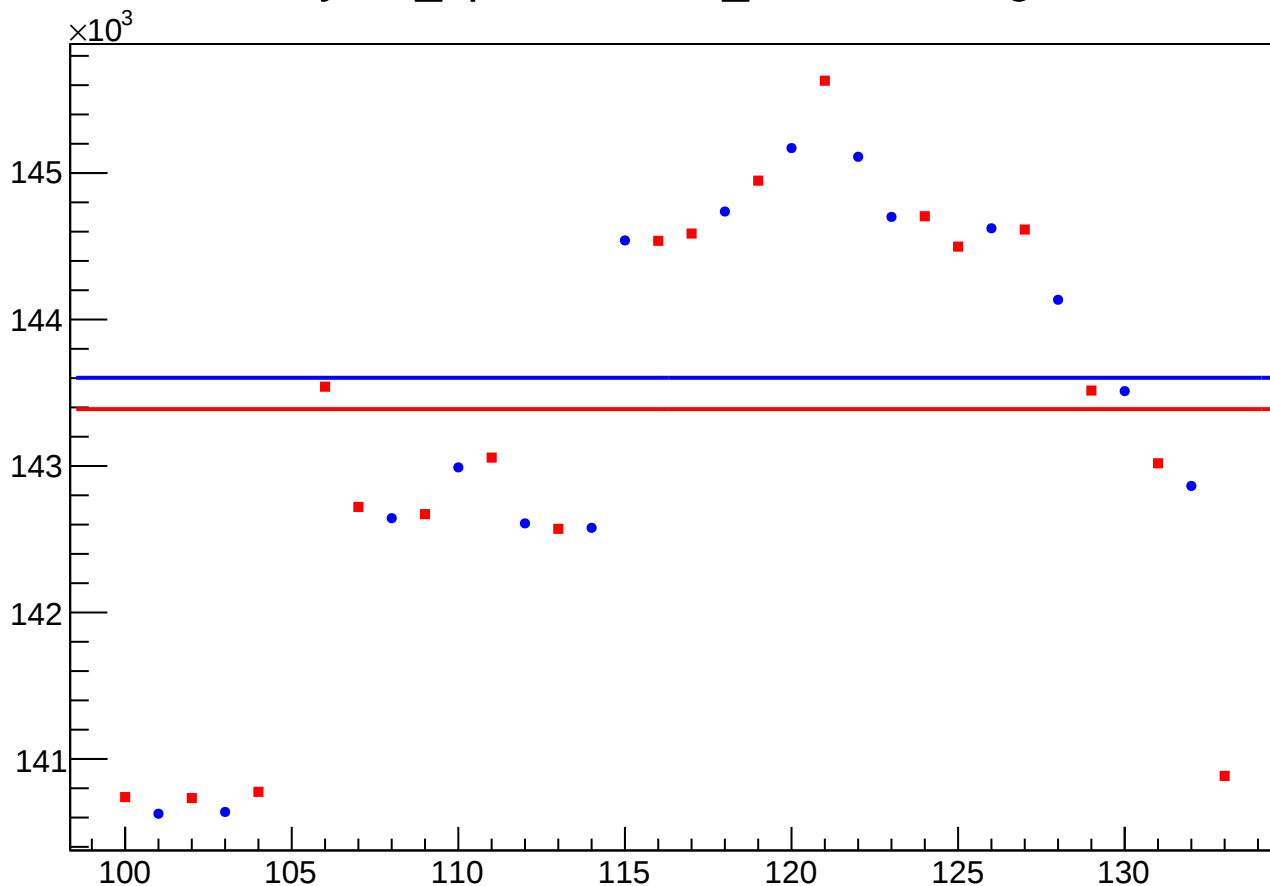
148.174+/-0.047 χ^2/NDF : 1058684.1/14

Right Out: 145.617+/-0.043 χ^2/NDF : 1124612.4/17

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

145.617+/-0.043 χ^2/NDF : 1124612.4/17

yield_bpm0i01aWS_mean vs Slug



Right In: 143602.316 $\pm$ 0.056 χ^2 /NDF: 381188034.7/14

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

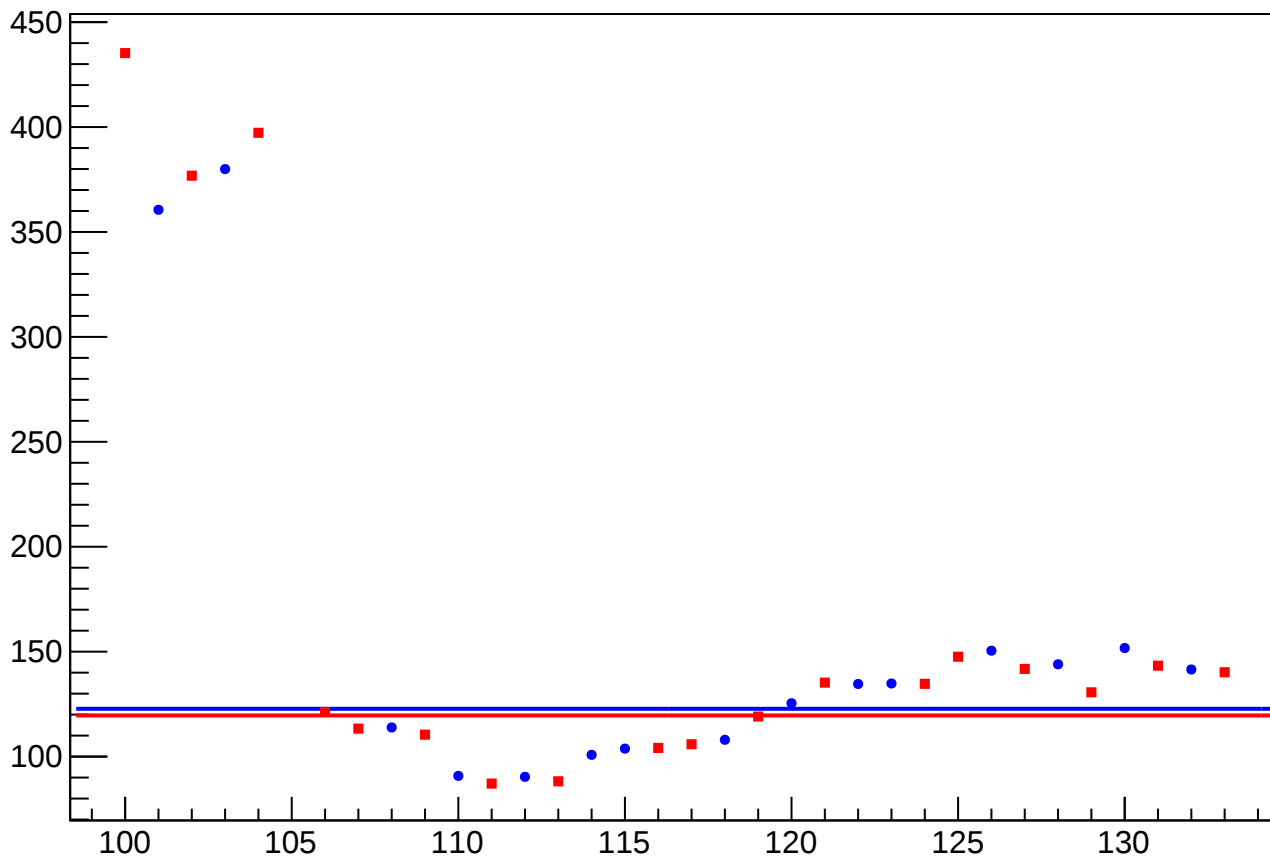
Right Out: 143388.330 $\pm$ 0.050 χ^2 /NDF: 555091940.8/17

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

143602.316 $\pm$ 0.056 χ^2 /NDF: 381188034.7/14

143388.330 $\pm$ 0.050 χ^2 /NDF: 555091940.8/17

yield_bpm0i01aWS_rms vs Slug



Right In: 122.775+/-0.040 χ^2/NDF : 1362773.0/14

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

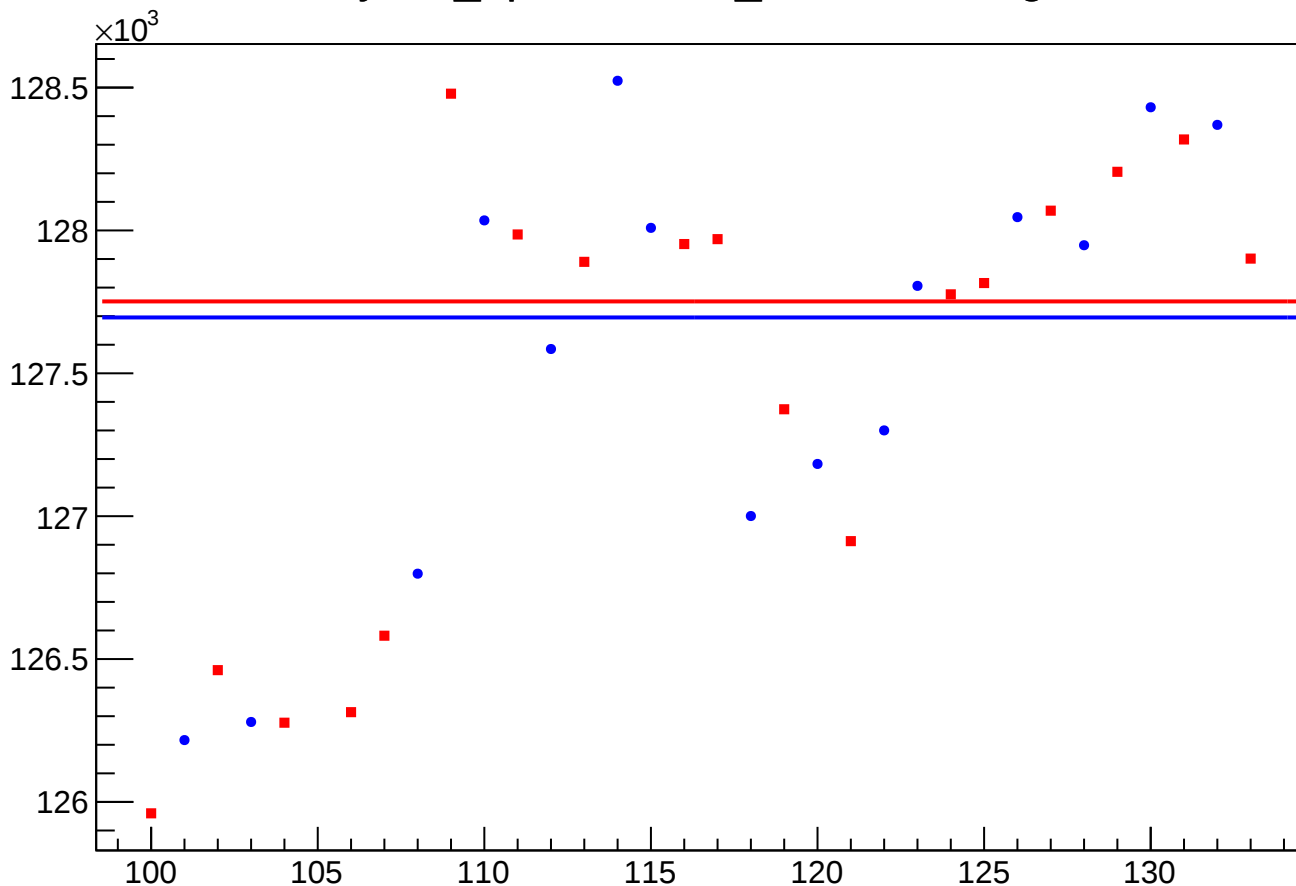
122.775+/-0.040 χ^2/NDF : 1362773.0/14

Right Out: 119.610+/-0.036 χ^2/NDF : 1410587.2/17

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

119.610+/-0.036 χ^2/NDF : 1410587.2/17

yield_bpm0l01WS_mean vs Slug



Right In: 127695.497 $\pm$ 0.063 χ^2 /NDF: 95387393.0/14

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

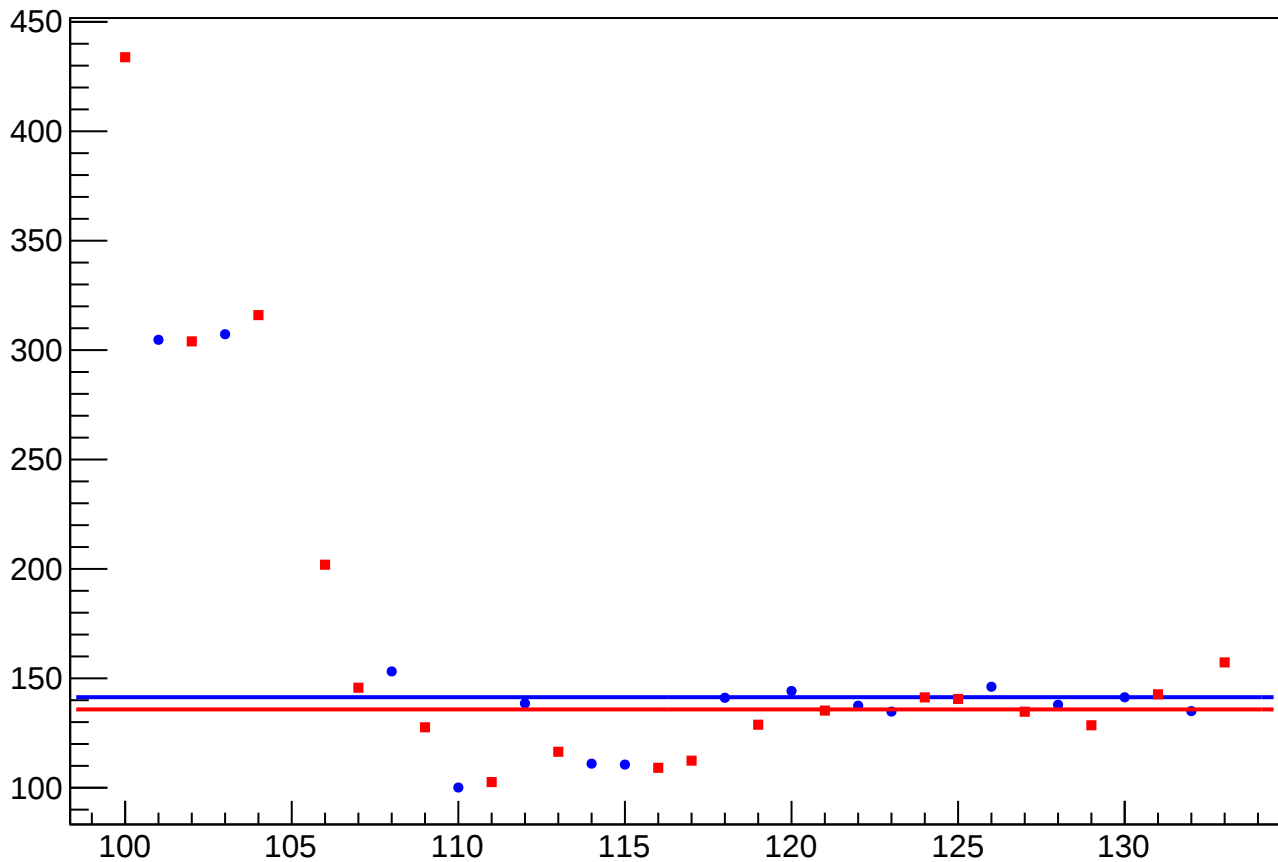
Right Out: 127751.598 $\pm$ 0.056 χ^2 /NDF: 109472894.4/17

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

127695.497 $\pm$ 0.063 χ^2 /NDF: 95387393.0/14

127751.598 $\pm$ 0.056 χ^2 /NDF: 109472894.4/17

yield_bpm0l01WS_rms vs Slug



Right In: 141.384+/-0.045 χ^2/NDF : 824838.4/14

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

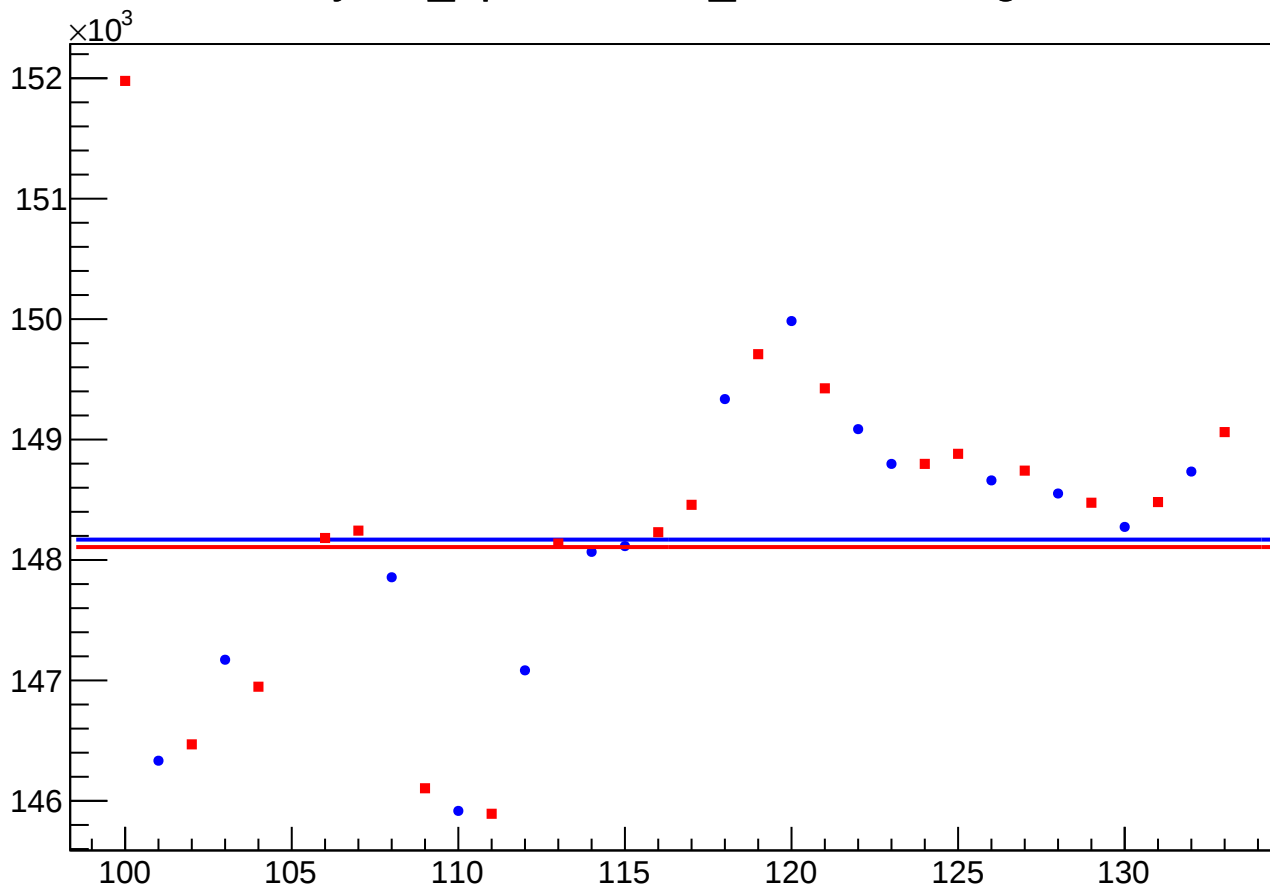
Right Out: 135.794+/-0.040 χ^2/NDF : 949088.8/17

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

141.384+/-0.045 χ^2/NDF : 824838.4/14

135.794+/-0.040 χ^2/NDF : 949088.8/17

yield_bpm0l02WS_mean vs Slug



Right In: 148169.296 $\pm$ 0.090 χ^2 /NDF: 113013952.2/14

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

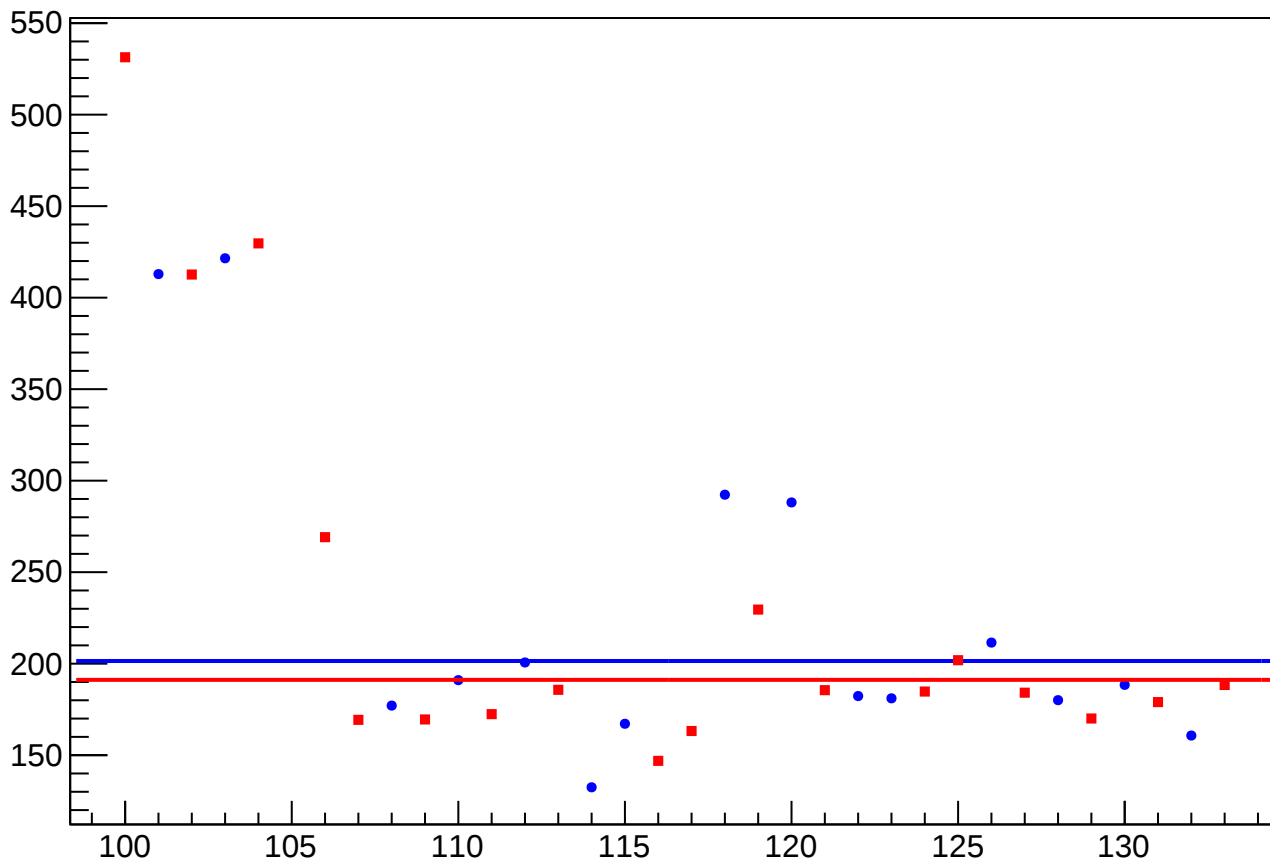
Right Out: 148107.321 $\pm$ 0.079 χ^2 /NDF: 221524936.8/17

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

148169.296 $\pm$ 0.090 χ^2 /NDF: 113013952.2/14

148107.321 $\pm$ 0.079 χ^2 /NDF: 221524936.8/17

yield_bpm0l02WS_rms vs Slug



Right In: 201.464+/-0.064 χ^2/NDF : 934258.9/14

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

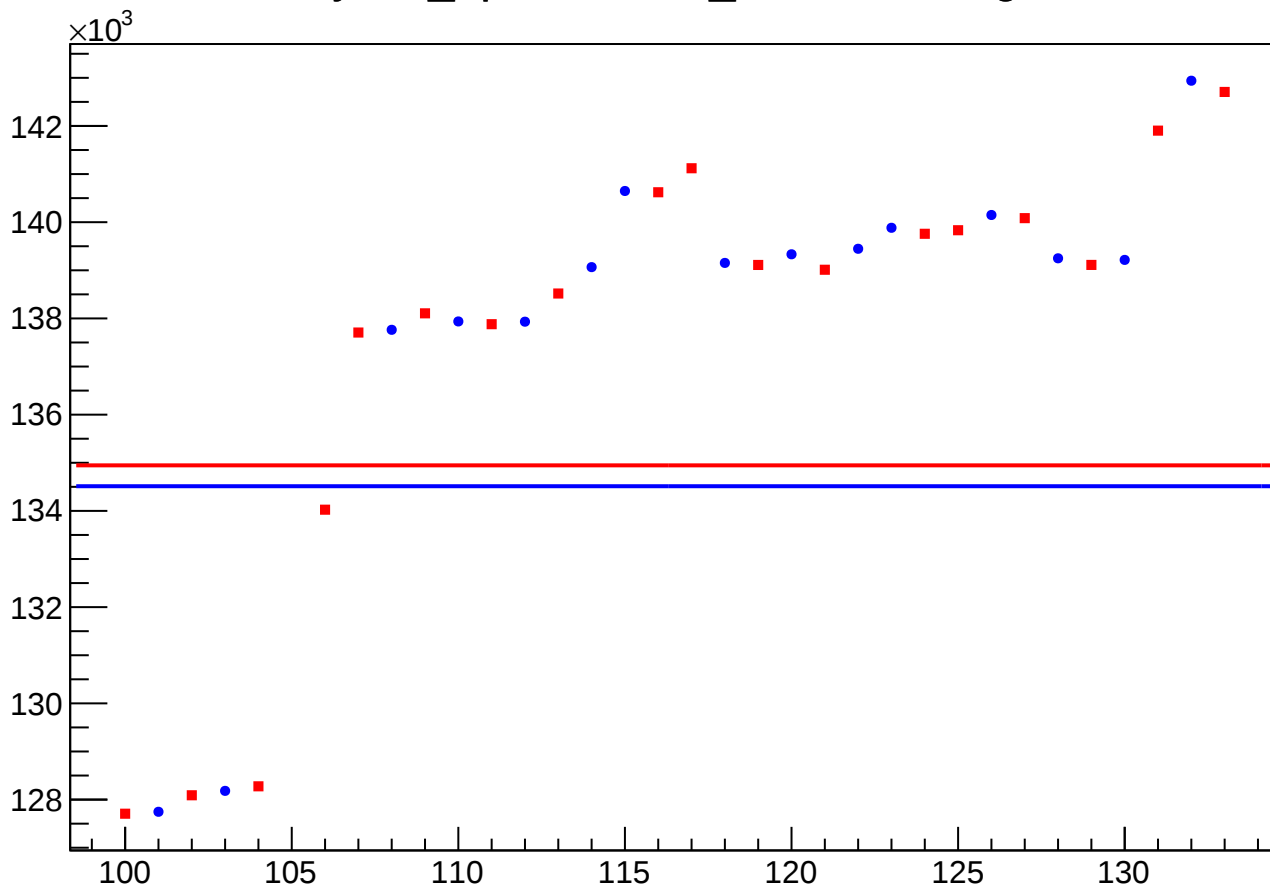
201.464+/-0.064 χ^2/NDF : 934258.9/14

Right Out: 191.158+/-0.056 χ^2/NDF : 843991.2/17

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

191.158+/-0.056 χ^2/NDF : 843991.2/17

yield_bpm0l03WS_mean vs Slug



Right In: 134512.794 $\pm$ 0.192 χ^2 /NDF: 897163765.6/14

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

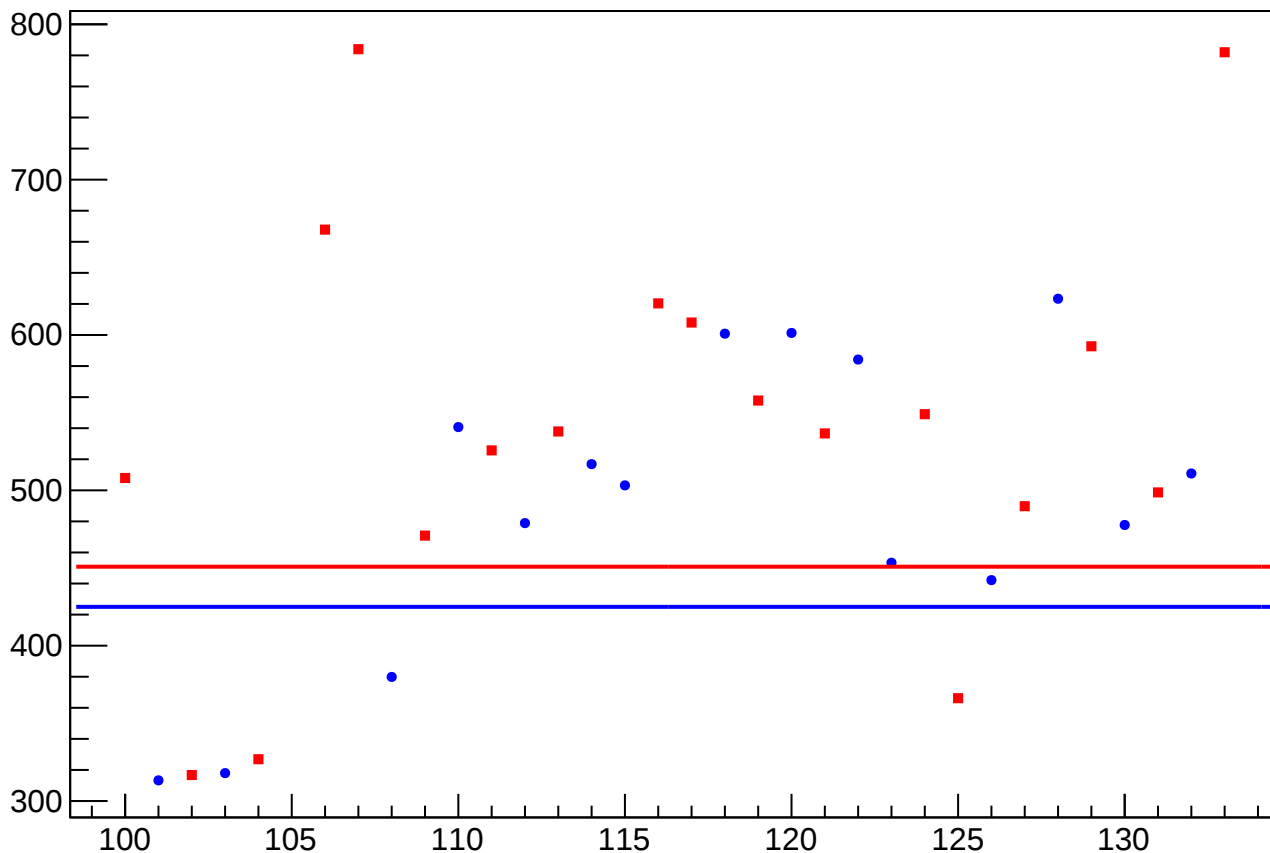
Right Out: 134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

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

134512.794 $\pm$ 0.192 χ^2 /NDF: 897163765.6/14

134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

yield_bpm0l03WS_rms vs Slug



Right In: 424.992 $\pm$ 0.136 χ^2 /NDF: 649210.4/14

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

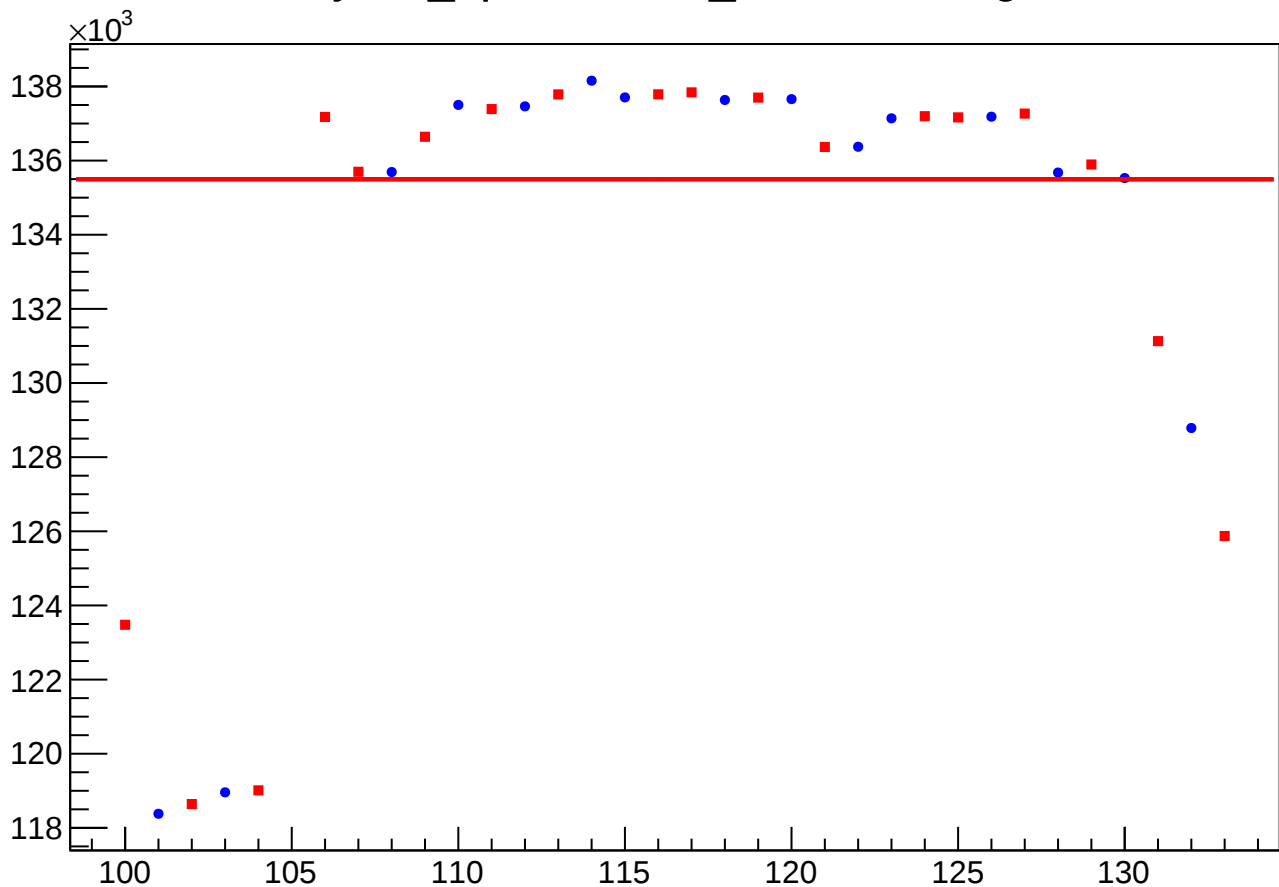
Right Out: 450.839 $\pm$ 0.136 χ^2 /NDF: 845927.0/17

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

424.992 $\pm$ 0.136 χ^2 /NDF: 649210.4/14

450.839 $\pm$ 0.136 χ^2 /NDF: 845927.0/17

yield_bpm0l04WS_mean vs Slug



Right In: 135490.570 $\pm$ 0.072 χ^2 /NDF: 4072786089.1/14

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

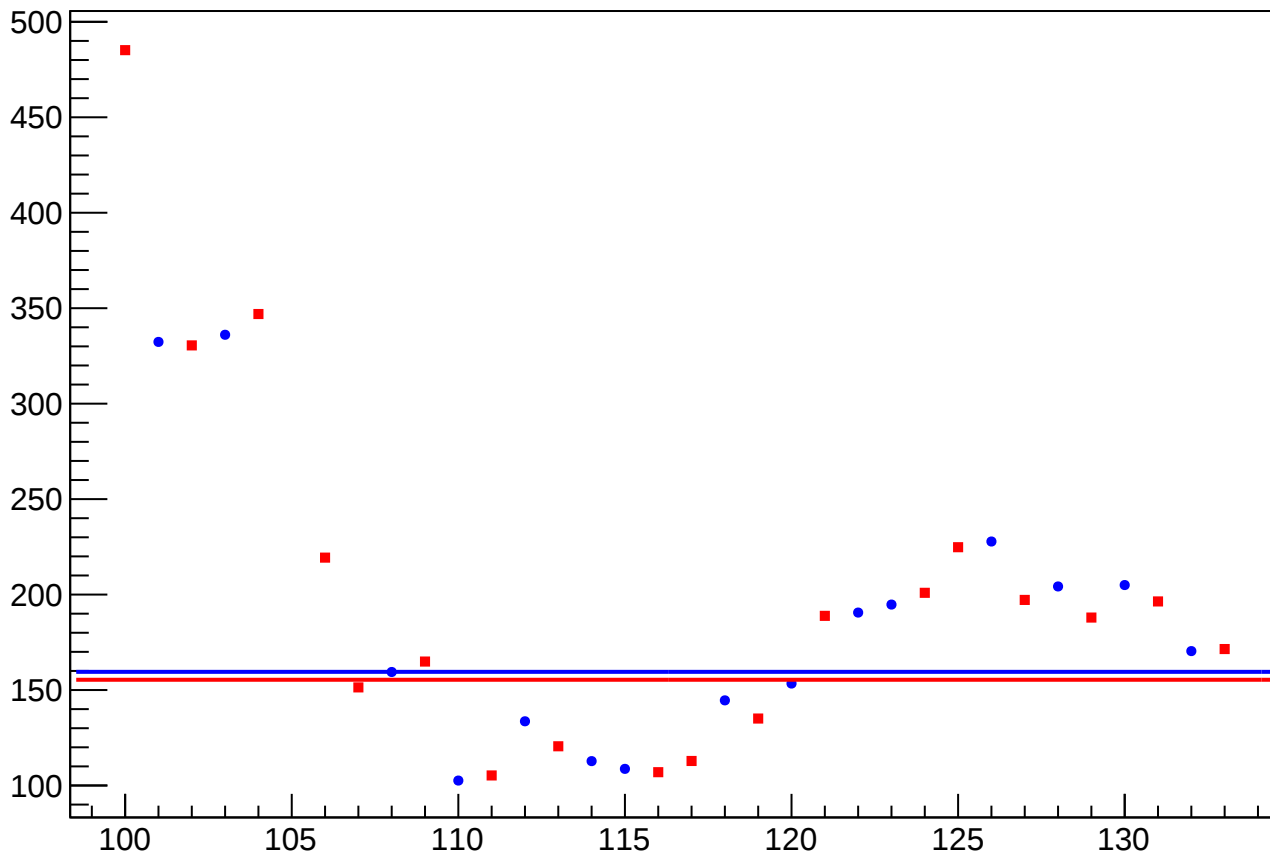
Right Out: 135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

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

135490.570 $\pm$ 0.072 χ^2 /NDF: 4072786089.1/14

135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

yield_bpm0l04WS_rms vs Slug



Right In: 159.527+/-0.051 χ^2/NDF : 1151633.6/14

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

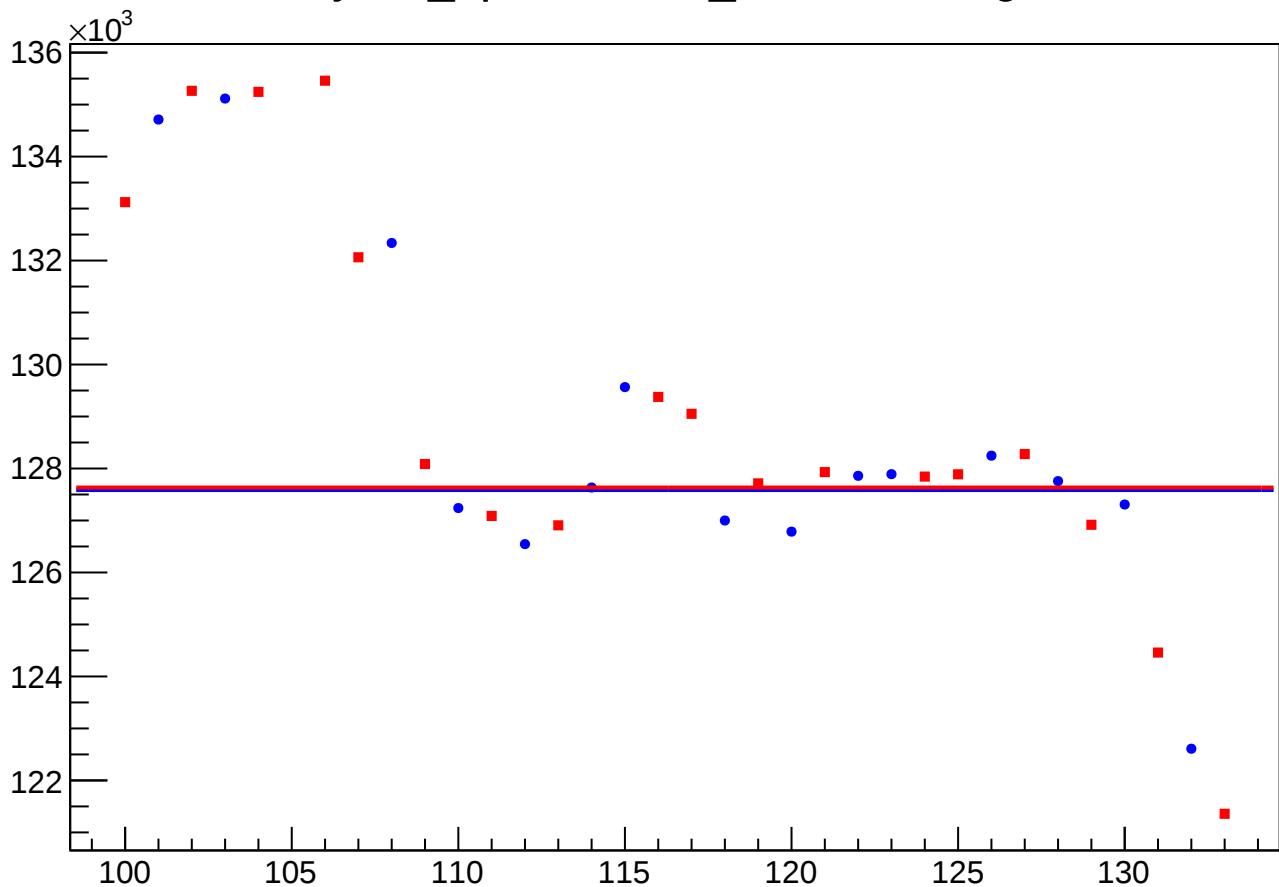
159.527+/-0.051 χ^2/NDF : 1151633.6/14

Right Out: 155.379+/-0.046 χ^2/NDF : 1313771.9/17

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

155.379+/-0.046 χ^2/NDF : 1313771.9/17

yield_bpm0l05WS_mean vs Slug



Right In: 127585.570 $\pm$ 0.073 χ^2 /NDF: 1341718837.3/14

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

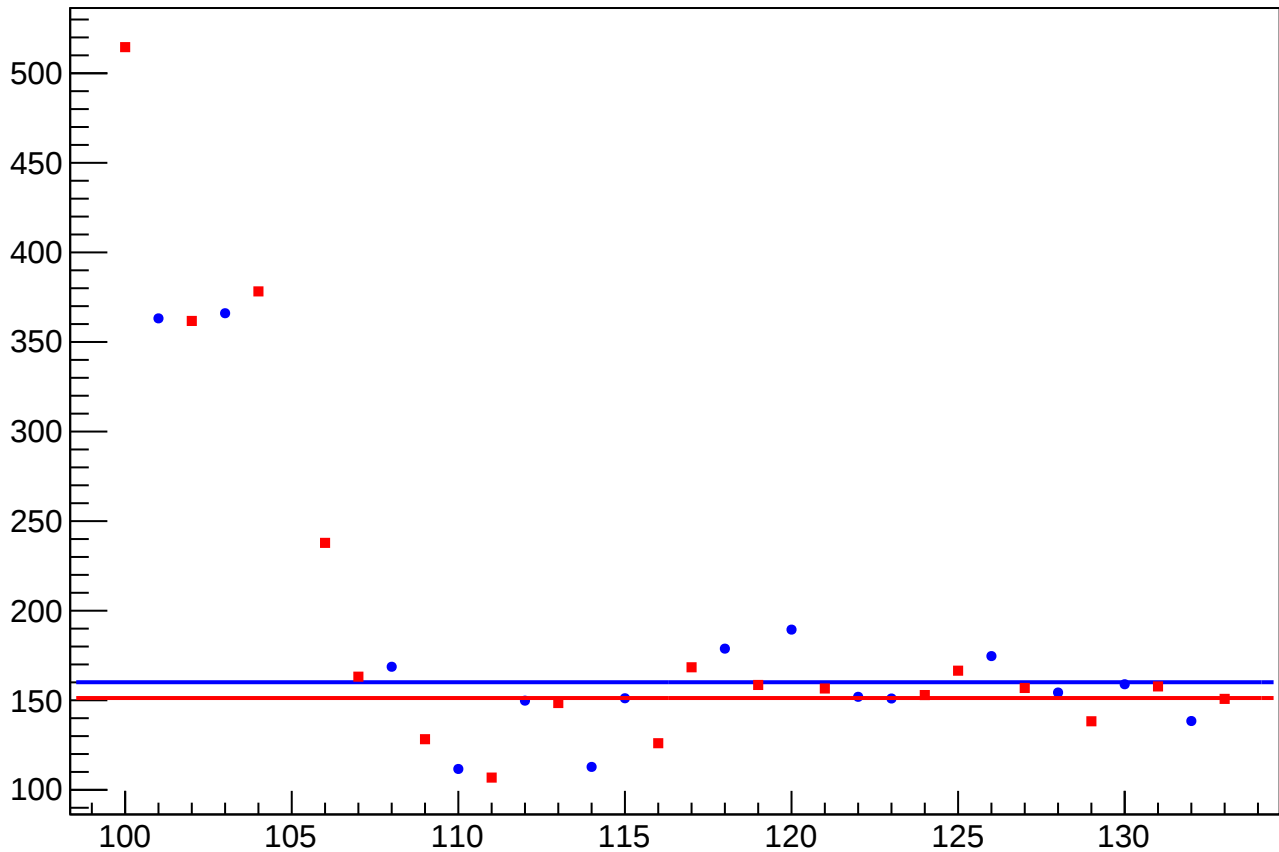
127585.570 $\pm$ 0.073 χ^2 /NDF: 1341718837.3/14

Right Out: 127634.088 $\pm$ 0.064 χ^2 /NDF: 1961776330.1/17

127634.088 $\pm$ 0.064 χ^2 /NDF: 1961776330.1/17

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

yield_bpm0l05WS_rms vs Slug



Right In: 160.075+/-0.051 χ^2/NDF : 942151.4/14

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

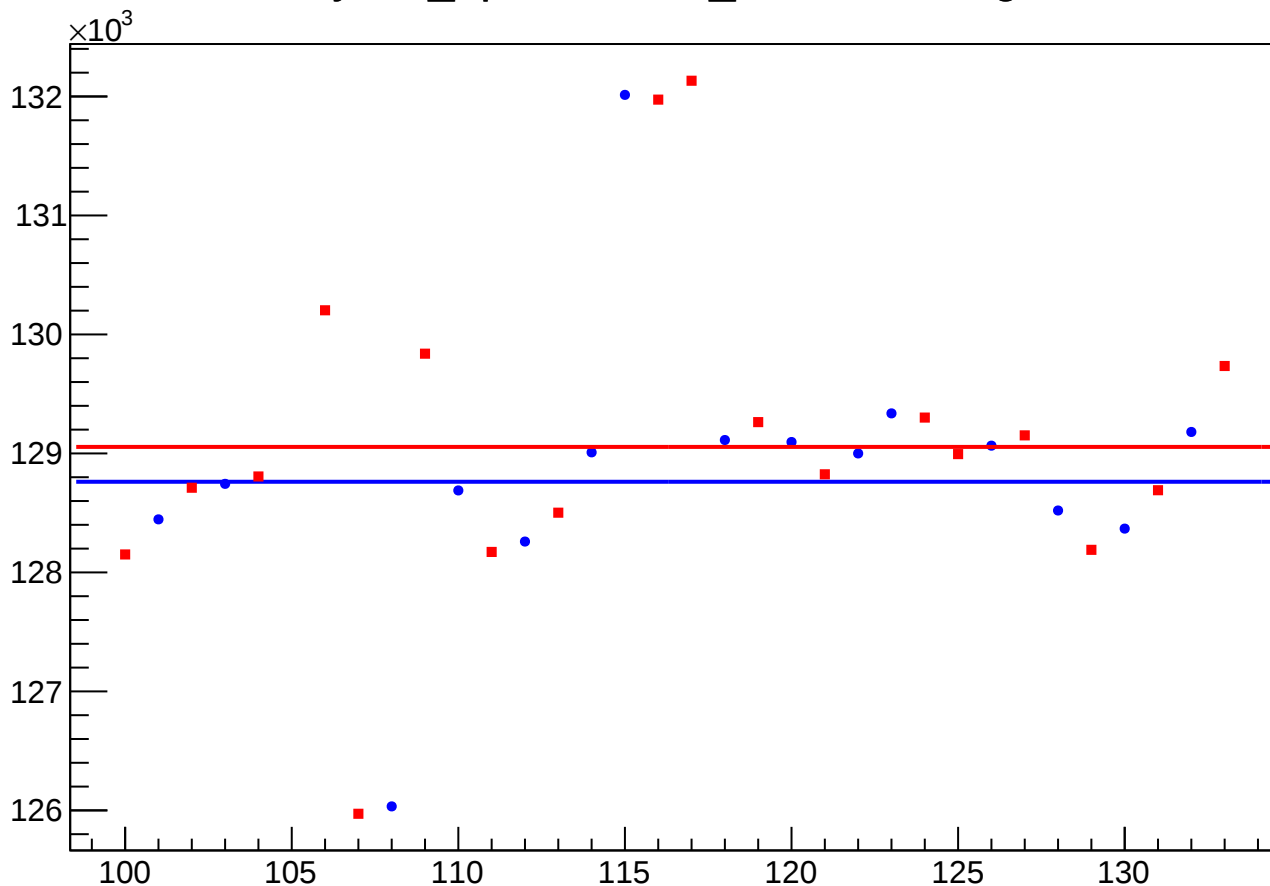
160.075+/-0.051 χ^2/NDF : 942151.4/14

Right Out: 151.253+/-0.045 χ^2/NDF : 1072388.5/17

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

151.253+/-0.045 χ^2/NDF : 1072388.5/17

yield_bpm0l06WS_mean vs Slug



Right In: 128761.833 $\pm$ 0.064 χ^2 /NDF: 287781104.0/14

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

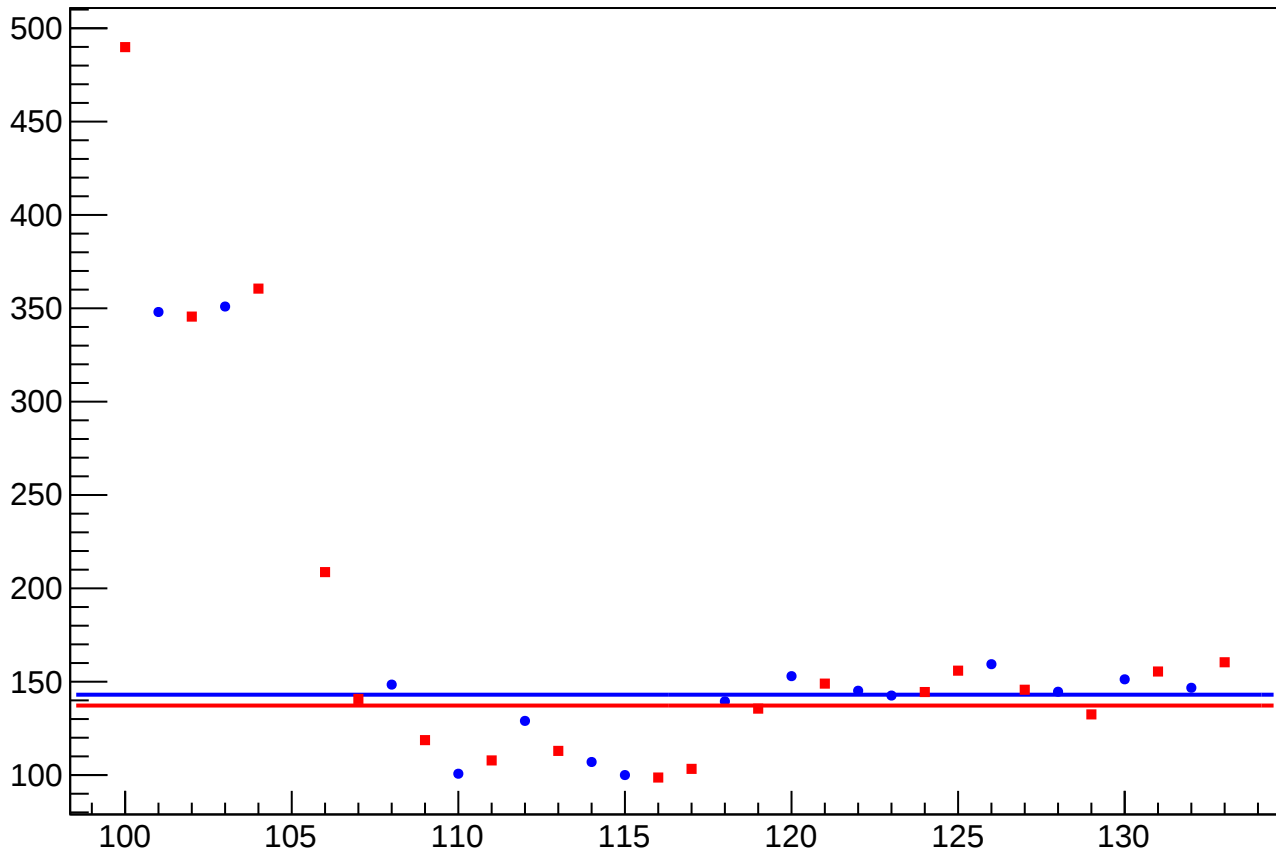
Right Out: 129054.799 $\pm$ 0.057 χ^2 /NDF: 514990090.5/17

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

128761.833 $\pm$ 0.064 χ^2 /NDF: 287781104.0/14

129054.799 $\pm$ 0.057 χ^2 /NDF: 514990090.5/17

yield_bpm0l06WS_rms vs Slug



Right In: 143.041 $\pm$ 0.046 χ^2 /NDF: 1020679.3/14

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

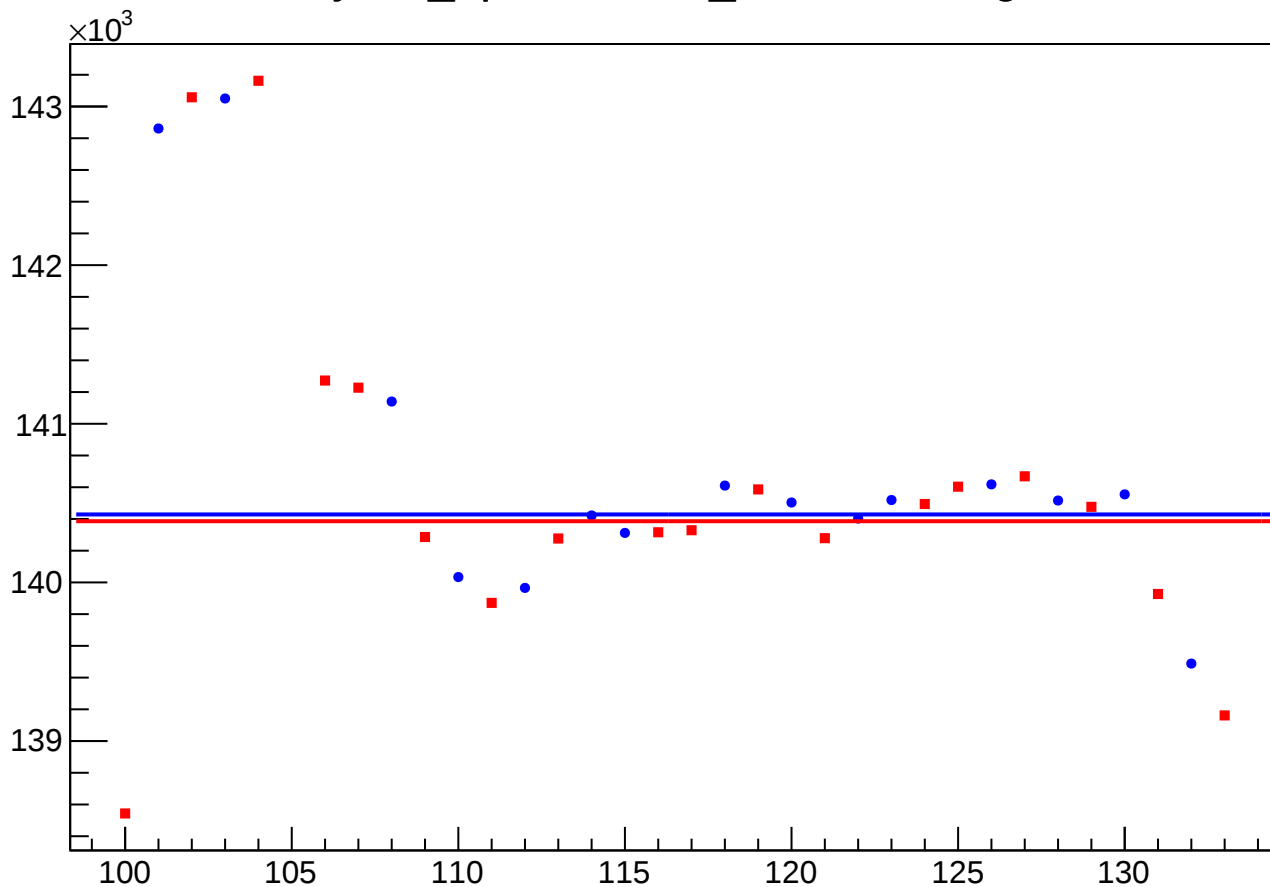
143.041 $\pm$ 0.046 χ^2 /NDF: 1020679.3/14

Right Out: 137.231 $\pm$ 0.041 χ^2 /NDF: 1161120.9/17

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

137.231 $\pm$ 0.041 χ^2 /NDF: 1161120.9/17

yield_bpm0l07WS_mean vs Slug



Right In: 140428.468 $\pm$ 0.069 χ^2/NDF : 79188110.8/14

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

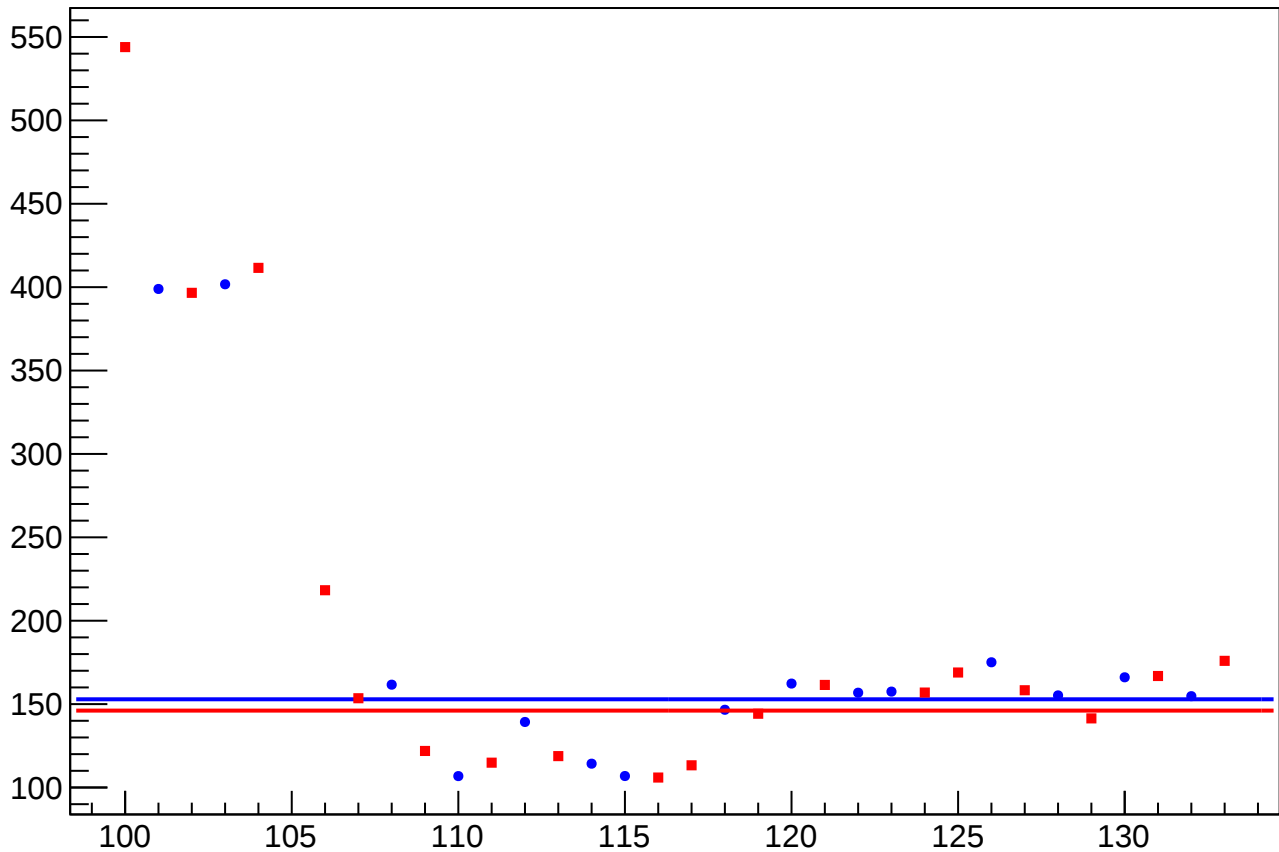
Right Out: 140385.780 $\pm$ 0.061 χ^2/NDF : 98915459.2/17

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

140428.468 $\pm$ 0.069 χ^2/NDF : 79188110.8/14

140385.780 $\pm$ 0.061 χ^2/NDF : 98915459.2/17

yield_bpm0l07WS_rms vs Slug



Right In: 152.890+/-0.049 χ^2/NDF : 1114619.5/14

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

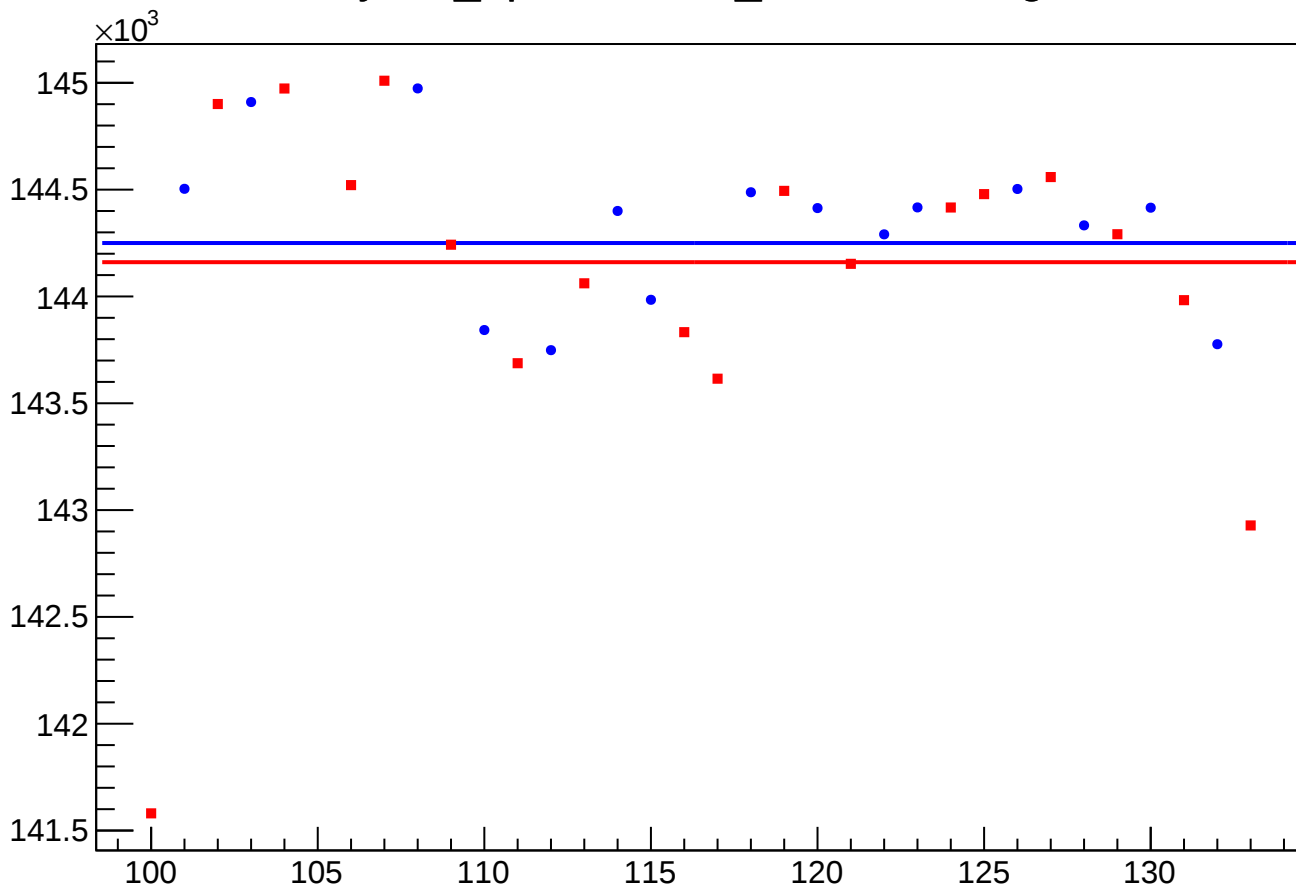
152.890+/-0.049 χ^2/NDF : 1114619.5/14

Right Out: 146.110+/-0.043 χ^2/NDF : 1263177.5/17

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

146.110+/-0.043 χ^2/NDF : 1263177.5/17

yield_bpm0l08WS_mean vs Slug



Right In: 144250.111 $\pm$ 0.072 χ^2 /NDF: 25151006.4/14

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

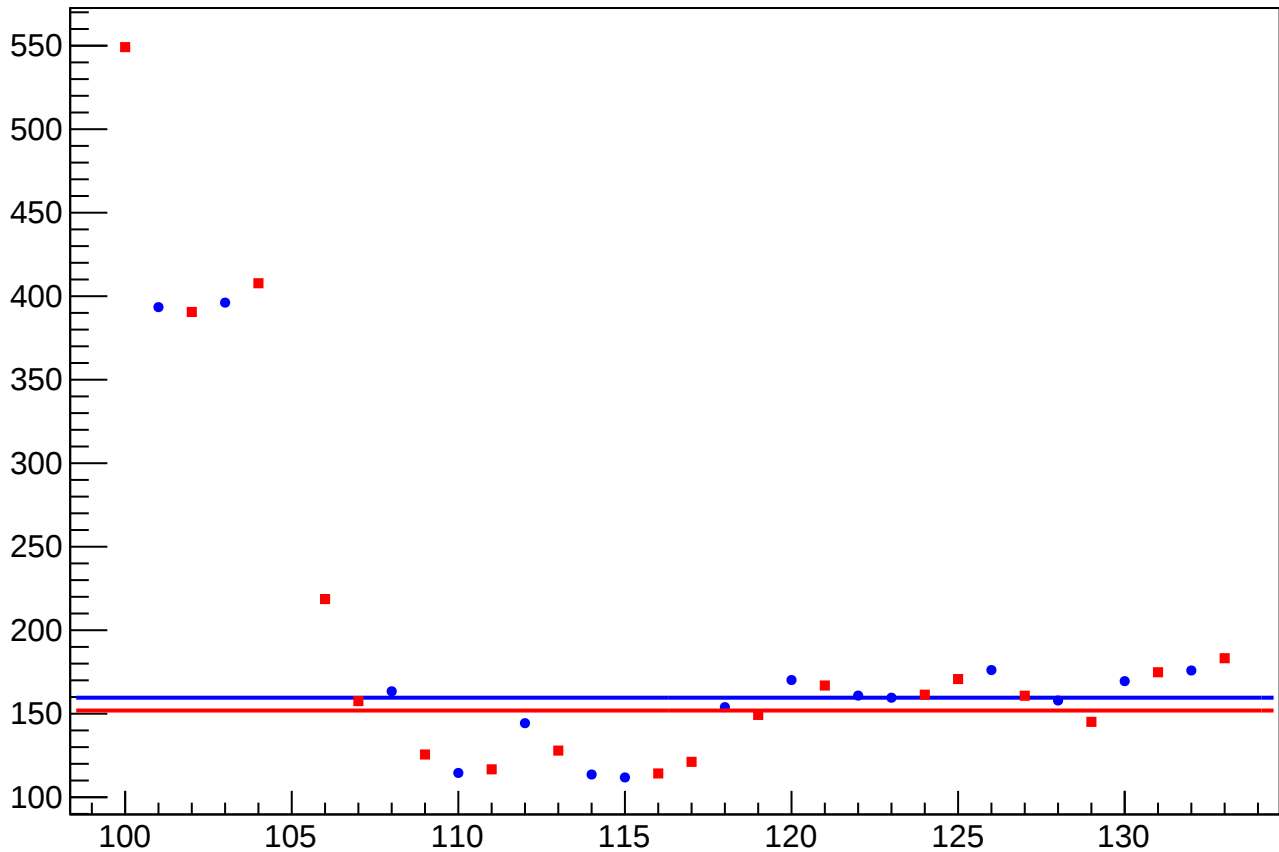
144250.111 $\pm$ 0.072 χ^2 /NDF: 25151006.4/14

Right Out: 144160.431 $\pm$ 0.064 χ^2 /NDF: 53141842.8/17

144160.431 $\pm$ 0.064 χ^2 /NDF: 53141842.8/17

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

yield_bpm0l08WS_rms vs Slug



Right In: 159.598 $\pm$ 0.051 χ^2 /NDF: 1037621.5/14

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

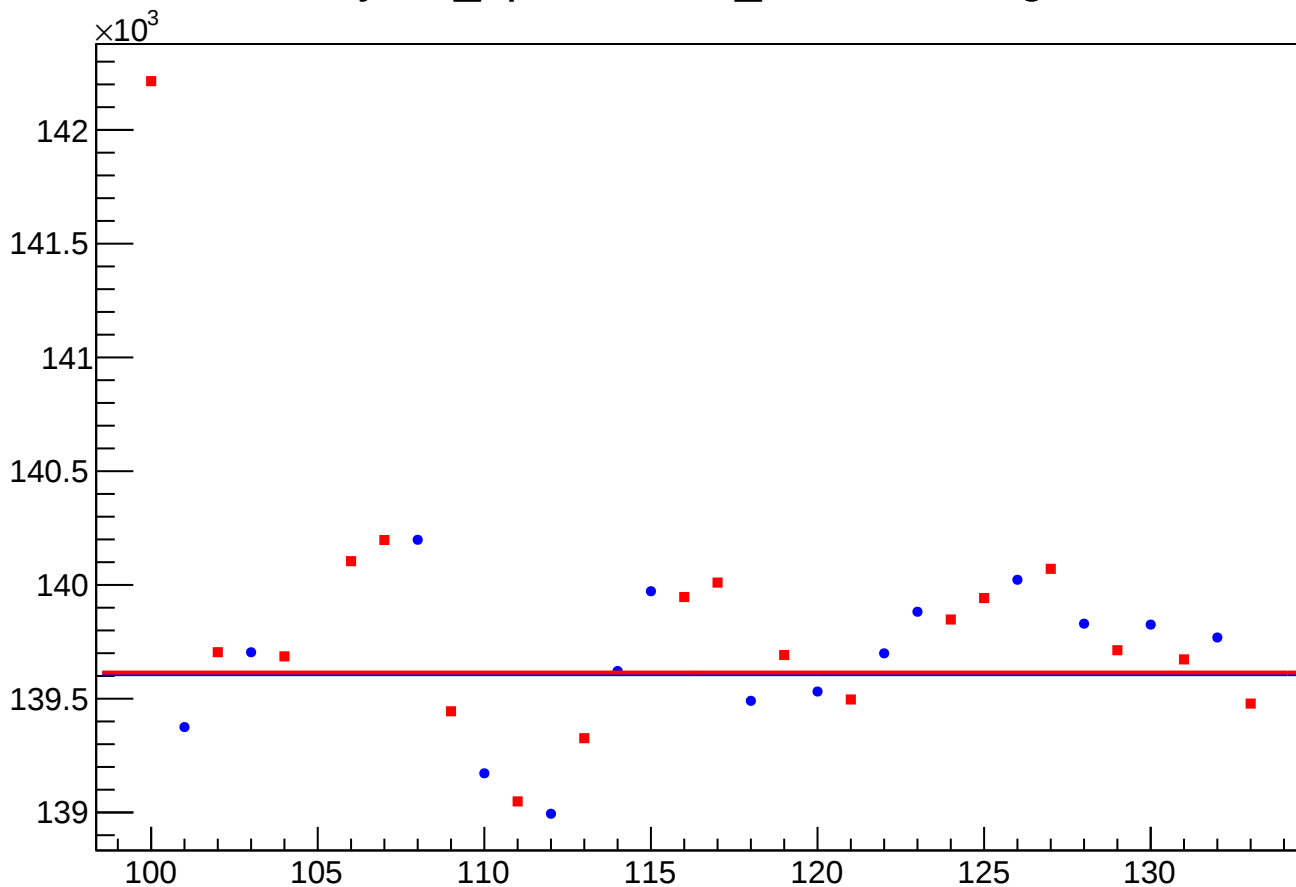
159.598 $\pm$ 0.051 χ^2 /NDF: 1037621.5/14

Right Out: 151.905 $\pm$ 0.045 χ^2 /NDF: 1182711.7/17

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

151.905 $\pm$ 0.045 χ^2 /NDF: 1182711.7/17

yield_bpm0l09WS_mean vs Slug



Right In: 139607.722 $\pm$ 0.073 χ^2 /NDF: 23024182.1/14

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

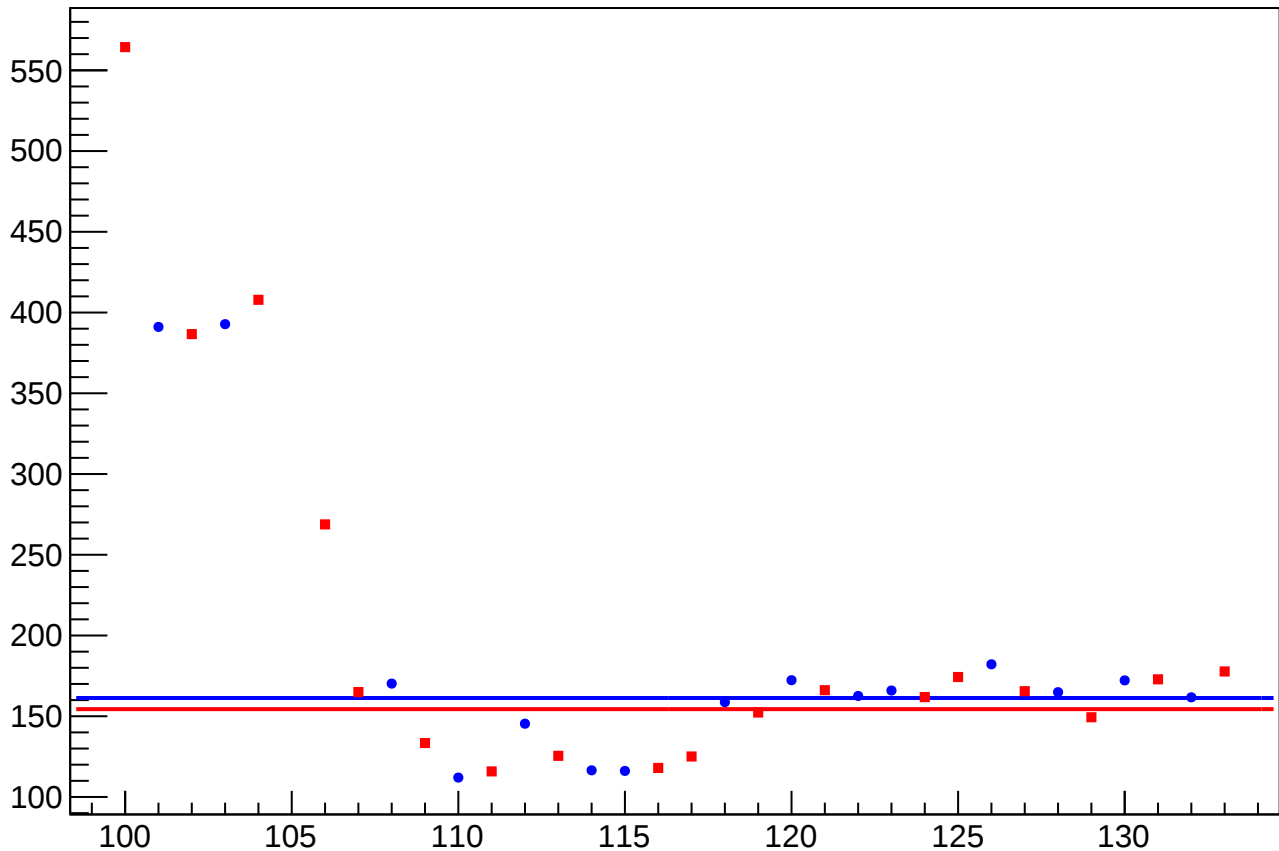
139607.722 $\pm$ 0.073 χ^2 /NDF: 23024182.1/14

Right Out: 139614.947 $\pm$ 0.065 χ^2 /NDF: 27632259.5/17

139614.947 $\pm$ 0.065 χ^2 /NDF: 27632259.5/17

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

yield_bpm0l09WS_rms vs Slug



Right In: 161.296 $\pm$ 0.051 χ^2 /NDF: 1028102.7/14

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

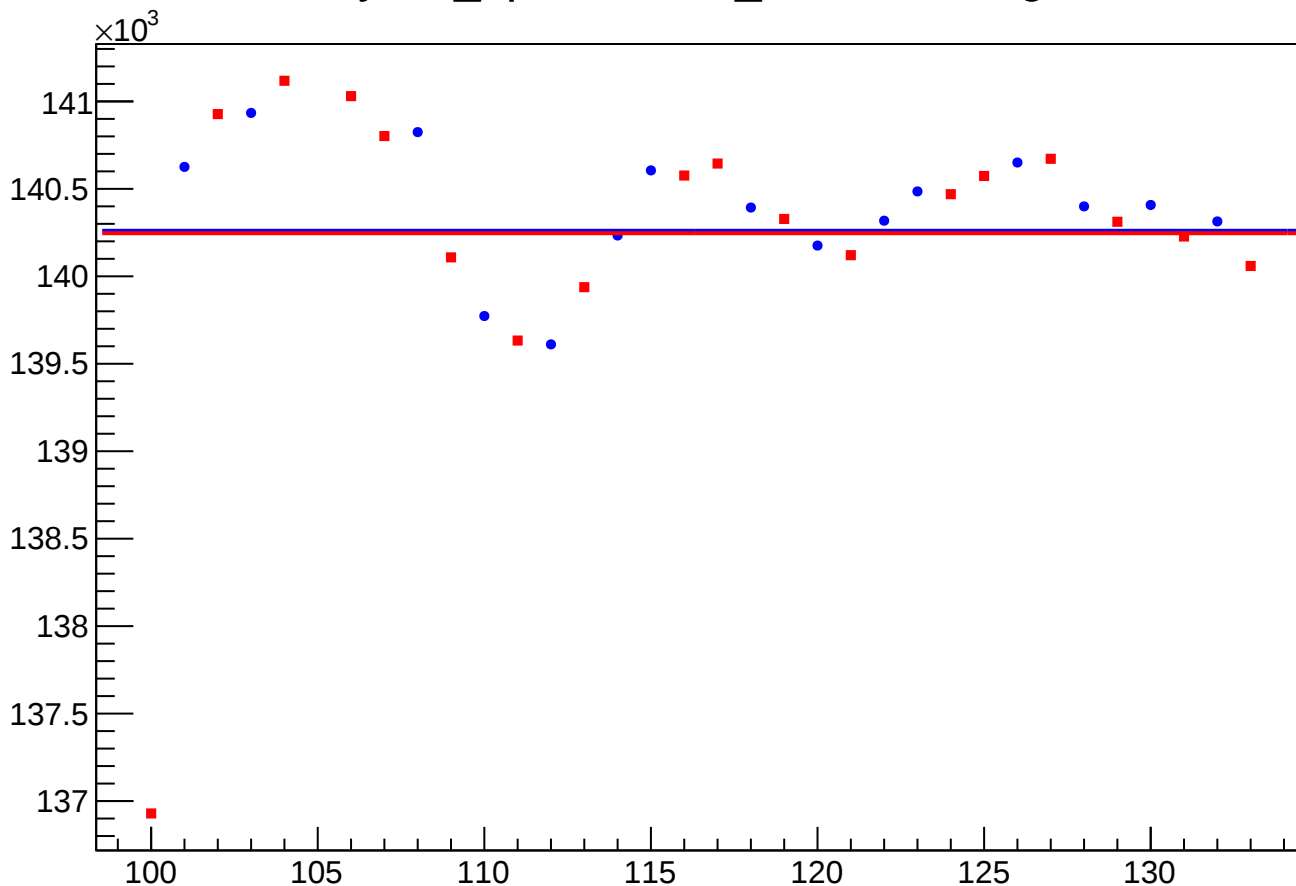
161.296 $\pm$ 0.051 χ^2 /NDF: 1028102.7/14

Right Out: 154.394 $\pm$ 0.046 χ^2 /NDF: 1200427.4/17

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

154.394 $\pm$ 0.046 χ^2 /NDF: 1200427.4/17

yield_bpm0l10WS_mean vs Slug



Right In: 140260.222 $\pm$ 0.073 χ^2 /NDF: 25115839.1/14

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

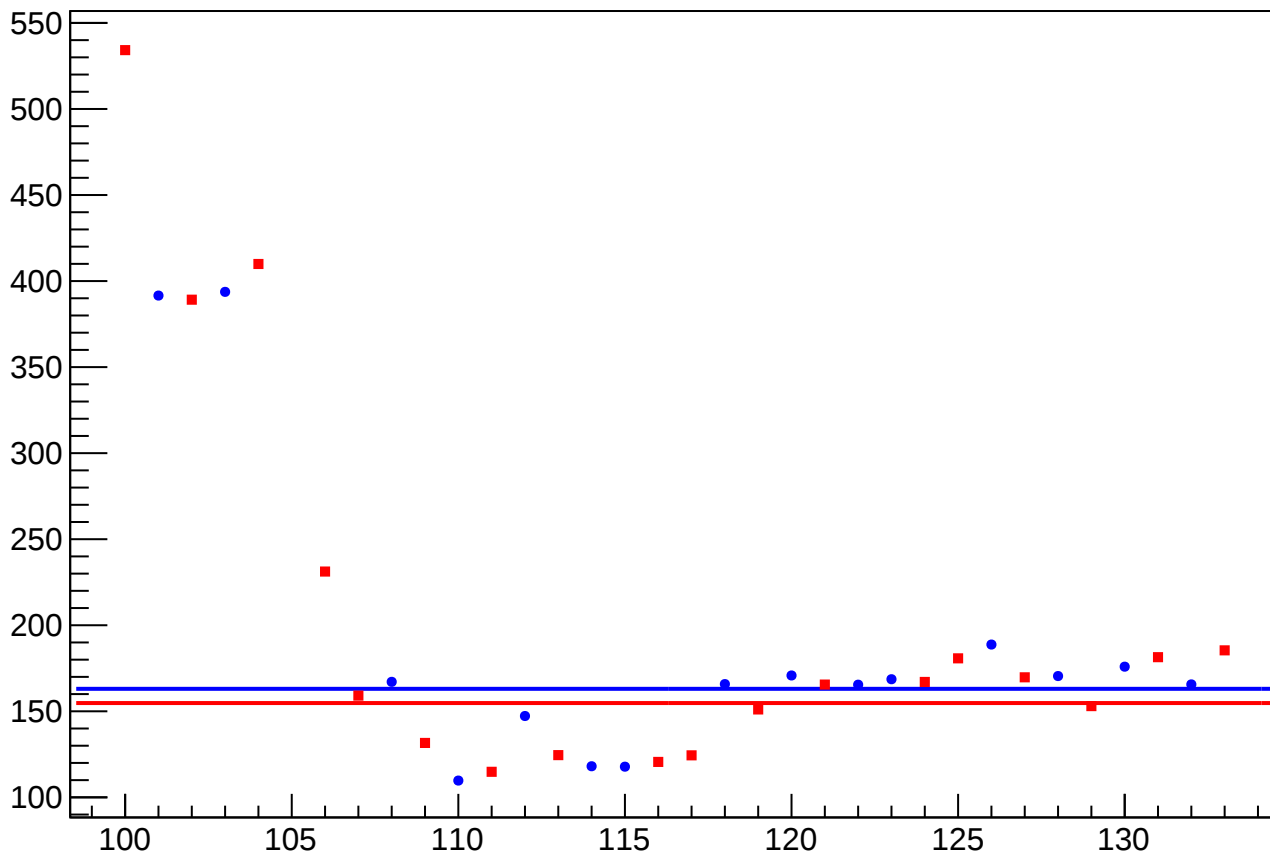
Right Out: 140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

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

140260.222 $\pm$ 0.073 χ^2 /NDF: 25115839.1/14

140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

yield_bpm0l10WS_rms vs Slug



Right In: 163.059+/-0.052 χ^2/NDF : 1049217.5/14

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

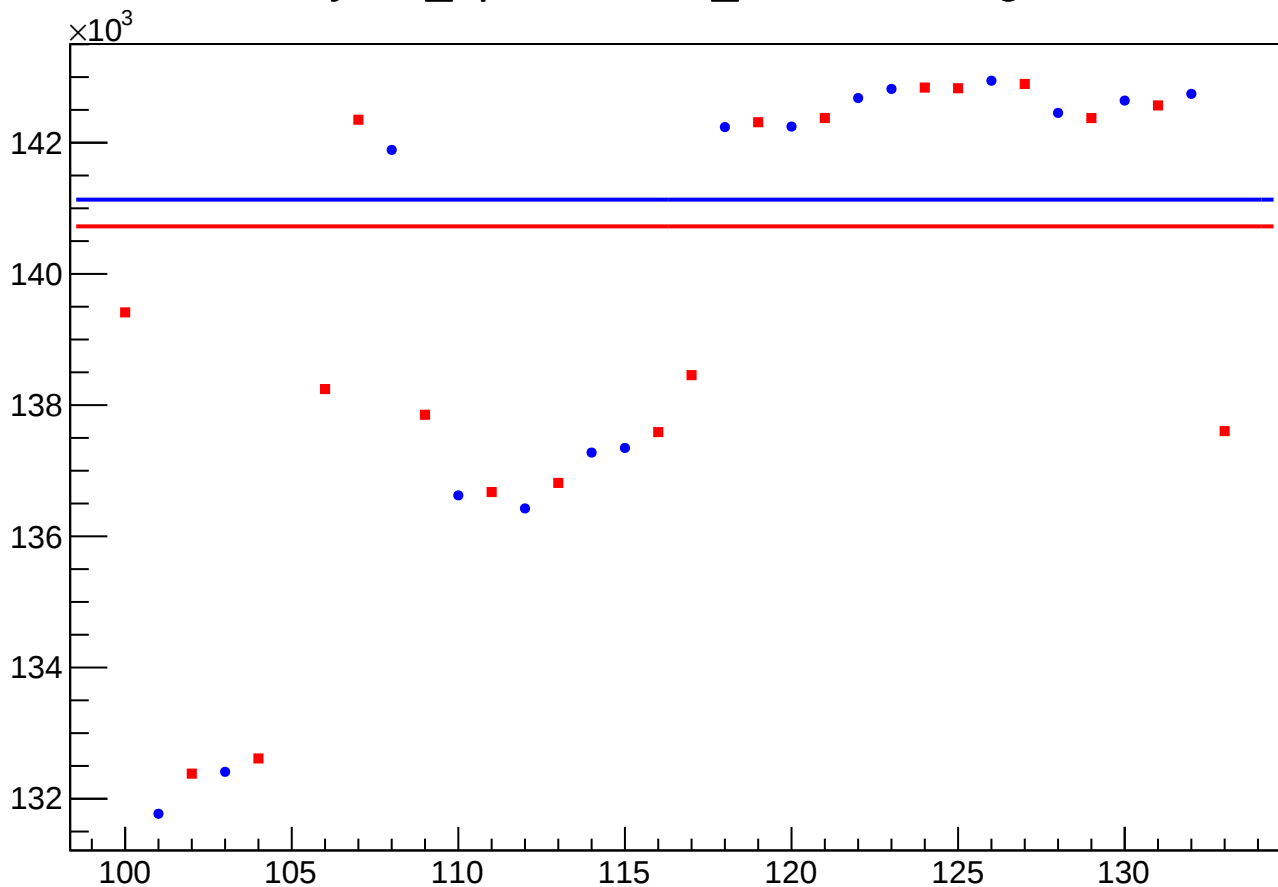
Right Out: 154.791+/-0.046 χ^2/NDF : 1193856.0/17

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

163.059+/-0.052 χ^2/NDF : 1049217.5/14

154.791+/-0.046 χ^2/NDF : 1193856.0/17

yield_bpm0r03WS_mean vs Slug



Right In: 141132.126 $\pm$ 0.108 χ^2 /NDF: 765443560.5/14

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

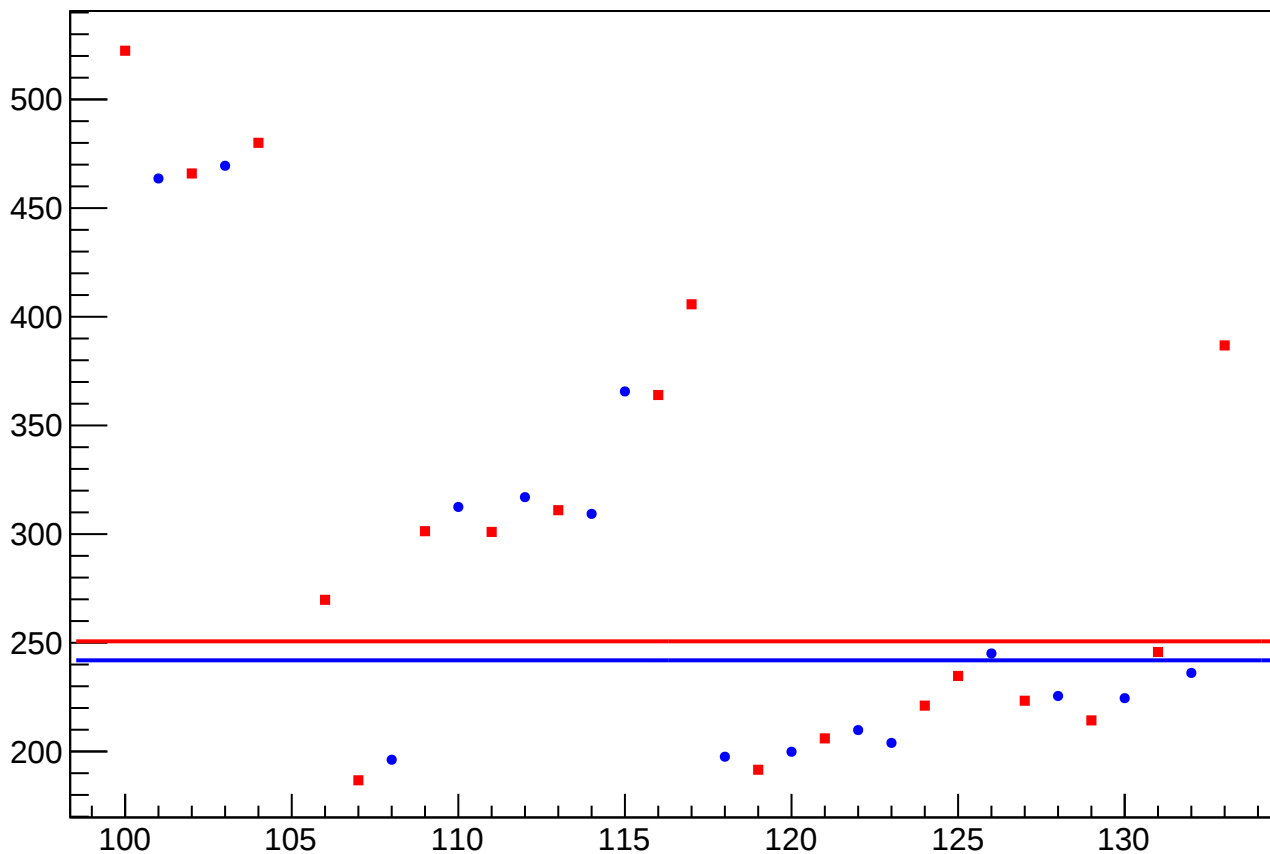
Right Out: 140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

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

141132.126 $\pm$ 0.108 χ^2 /NDF: 765443560.5/14

140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

yield_bpm0r03WS_rms vs Slug



Right In: 241.932+/-0.076 χ^2/NDF : 809712.0/14

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

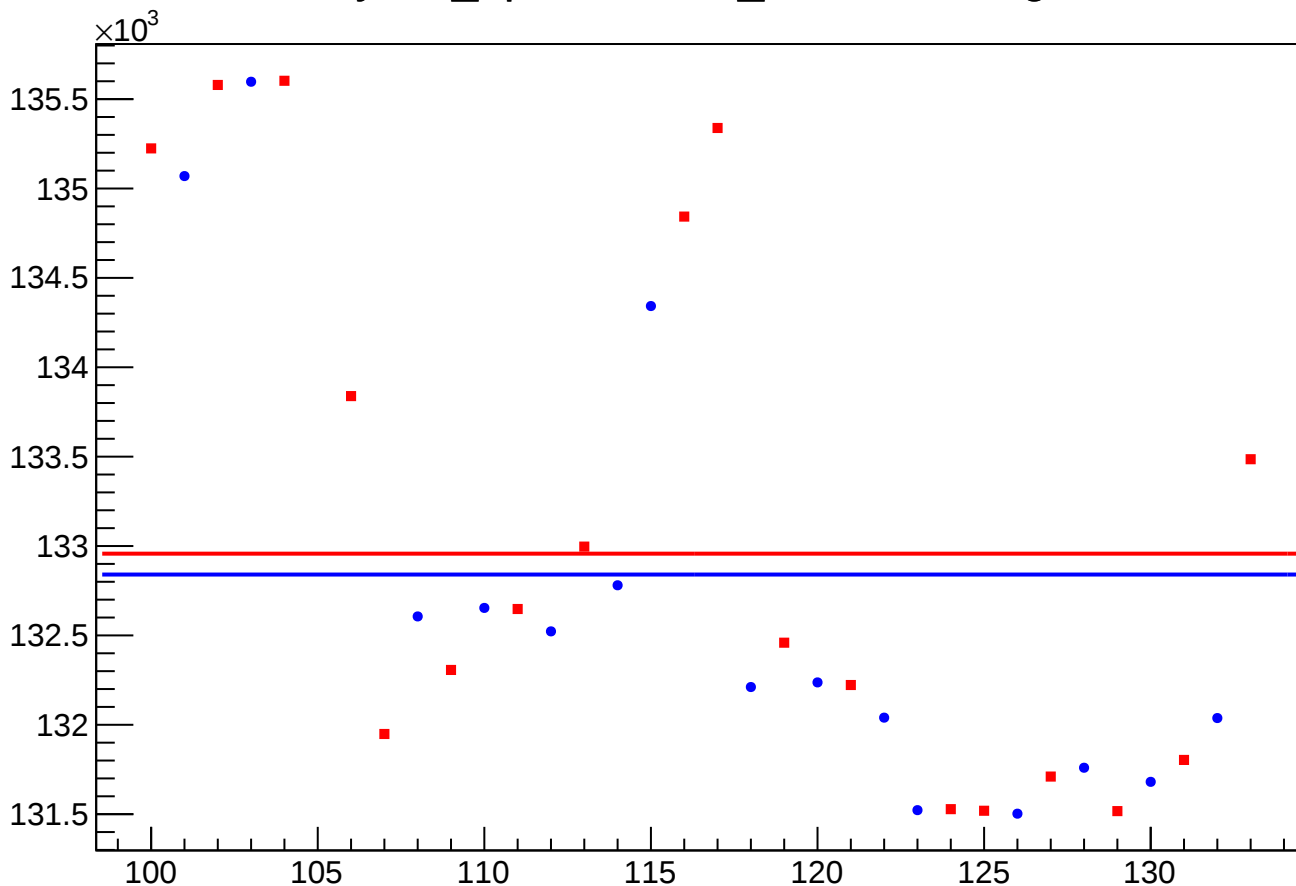
Right Out: 250.670+/-0.074 χ^2/NDF : 995597.5/17

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

241.932+/-0.076 χ^2/NDF : 809712.0/14

250.670+/-0.074 χ^2/NDF : 995597.5/17

yield_bpm0r05WS_mean vs Slug



Right In: 132840.502 $\pm$ 0.127 χ^2 /NDF: 78626593.5/14

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

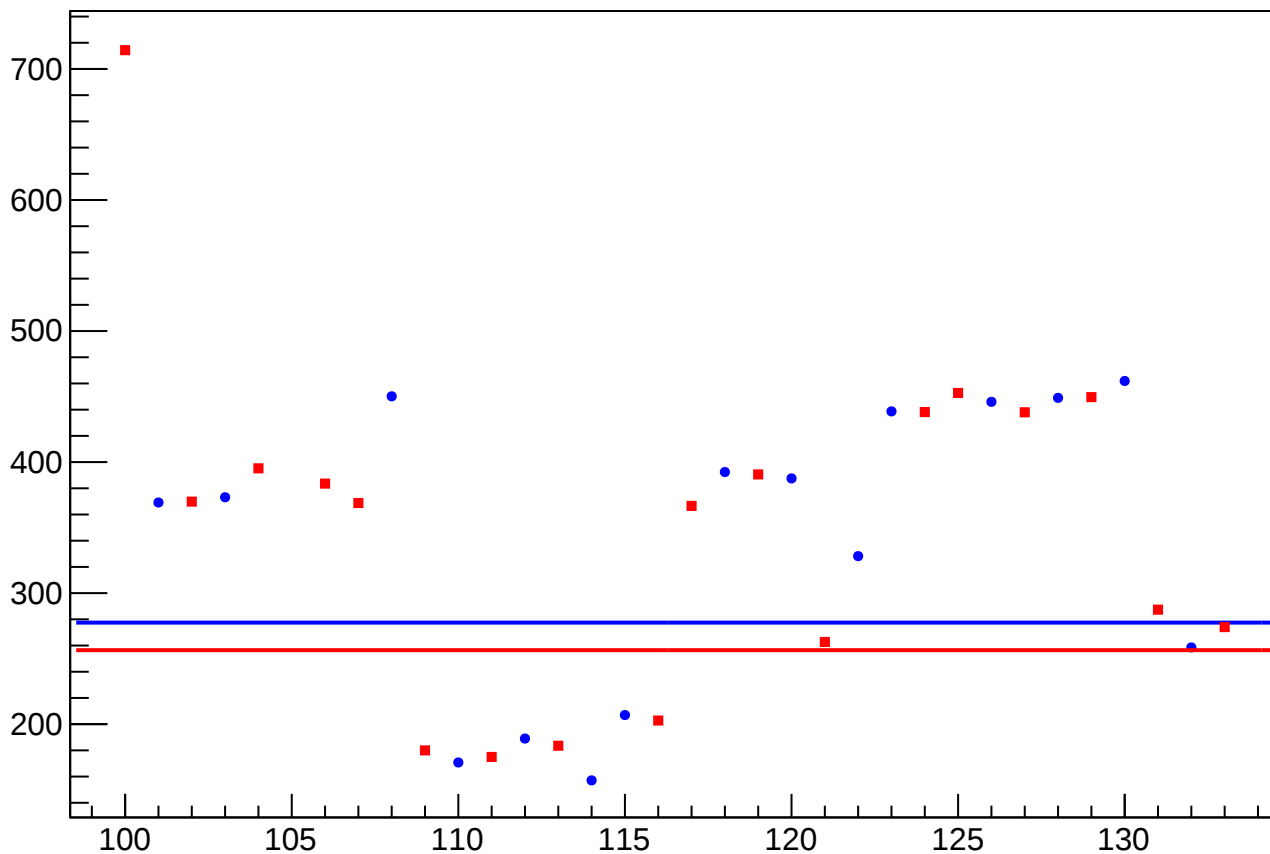
132840.502 $\pm$ 0.127 χ^2 /NDF: 78626593.5/14

Right Out: 132957.315 $\pm$ 0.110 χ^2 /NDF: 107022354.2/17

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

132957.315 $\pm$ 0.110 χ^2 /NDF: 107022354.2/17

yield_bpm0r05WS_rms vs Slug



Right In: 277.502 $\pm$ 0.090 χ^2 /NDF: 1437179.2/14

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

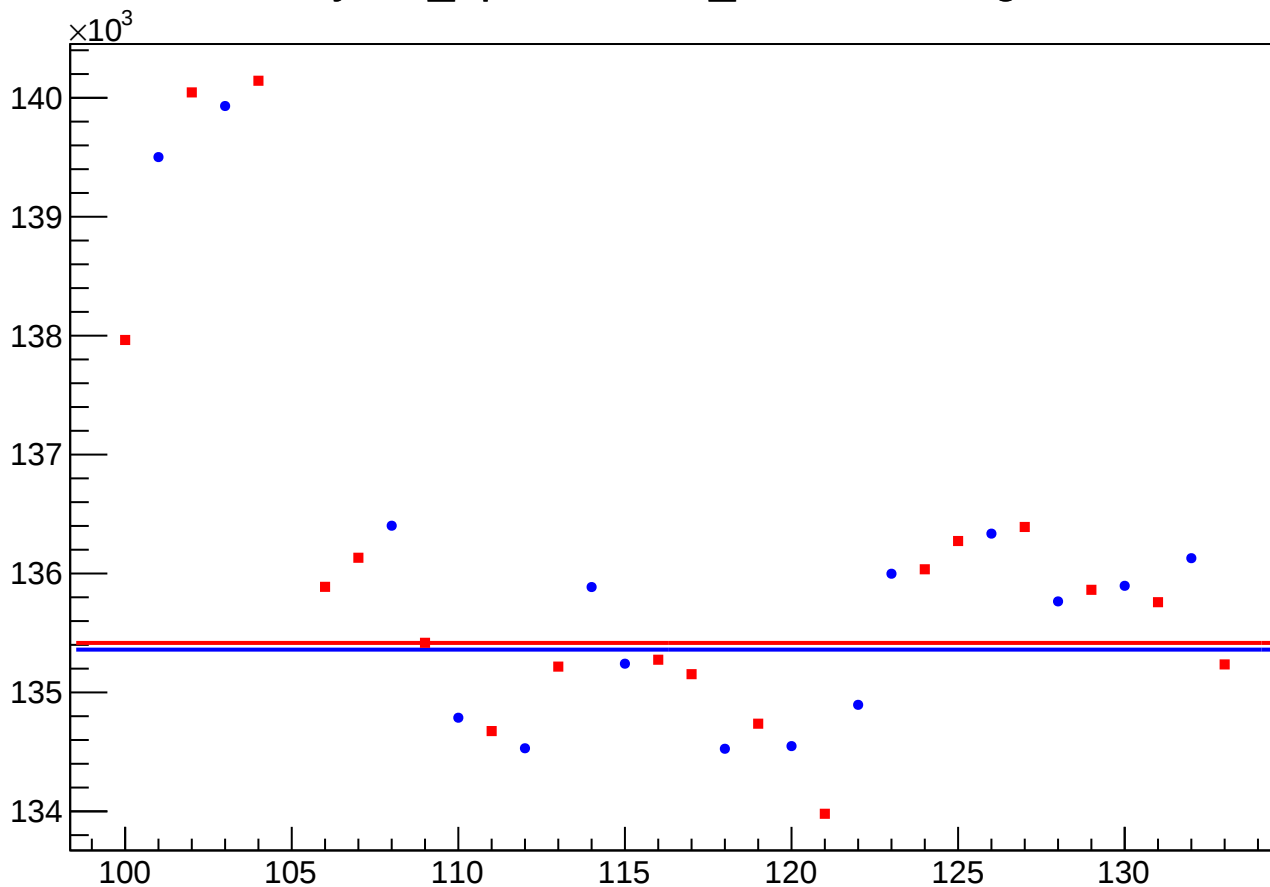
Right Out: 256.461 $\pm$ 0.078 χ^2 /NDF: 1523397.2/17

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

277.502 $\pm$ 0.090 χ^2 /NDF: 1437179.2/14

256.461 $\pm$ 0.078 χ^2 /NDF: 1523397.2/17

yield_bpm0i02WS_mean vs Slug



Right In: 135359.856 $\pm$ 0.058 χ^2 /NDF: 307576571.9/14

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

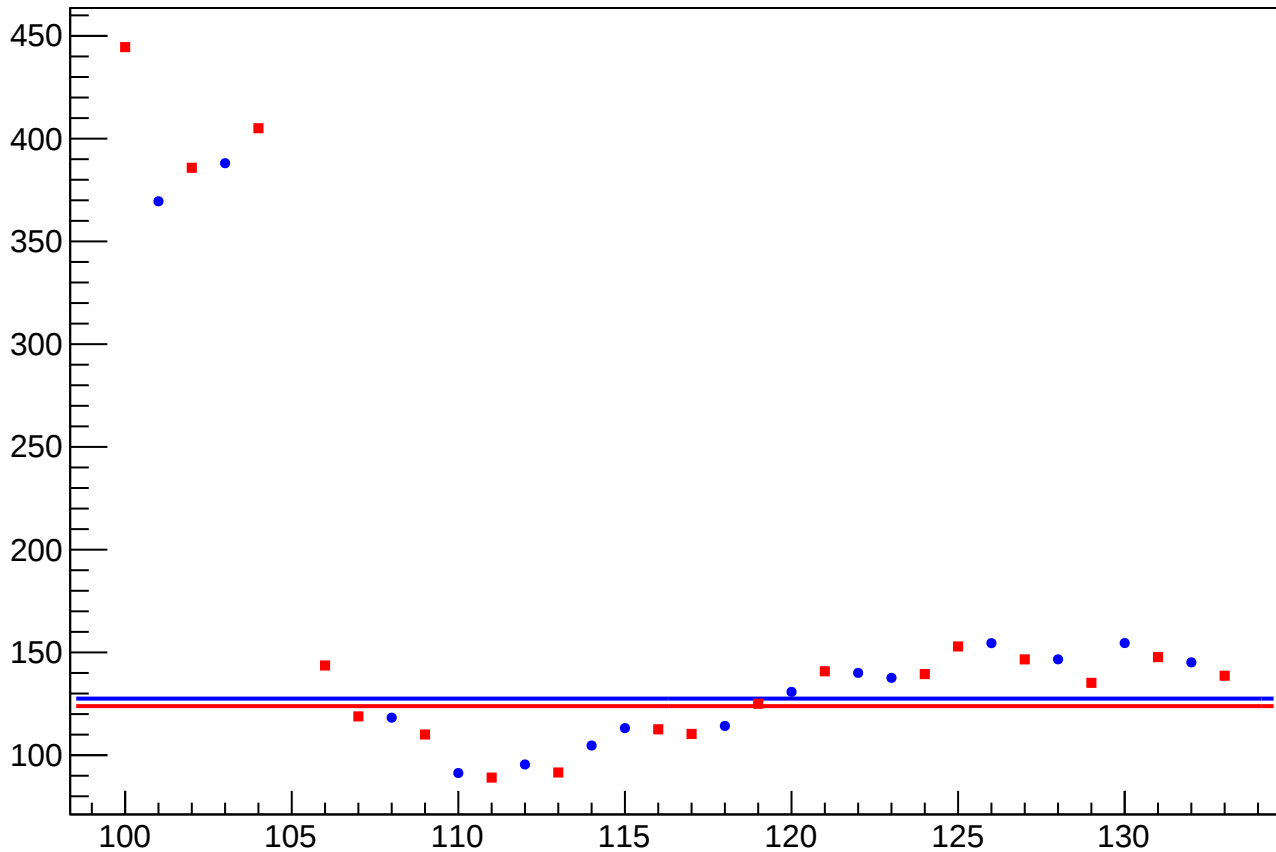
135359.856 $\pm$ 0.058 χ^2 /NDF: 307576571.9/14

Right Out: 135416.219 $\pm$ 0.053 χ^2 /NDF: 287546112.8/17

135416.219 $\pm$ 0.053 χ^2 /NDF: 287546112.8/17

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

yield_bpm0i02WS_rms vs Slug



Right In: 127.535 $\pm$ 0.041 χ^2 /NDF: 1331058.0/14

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

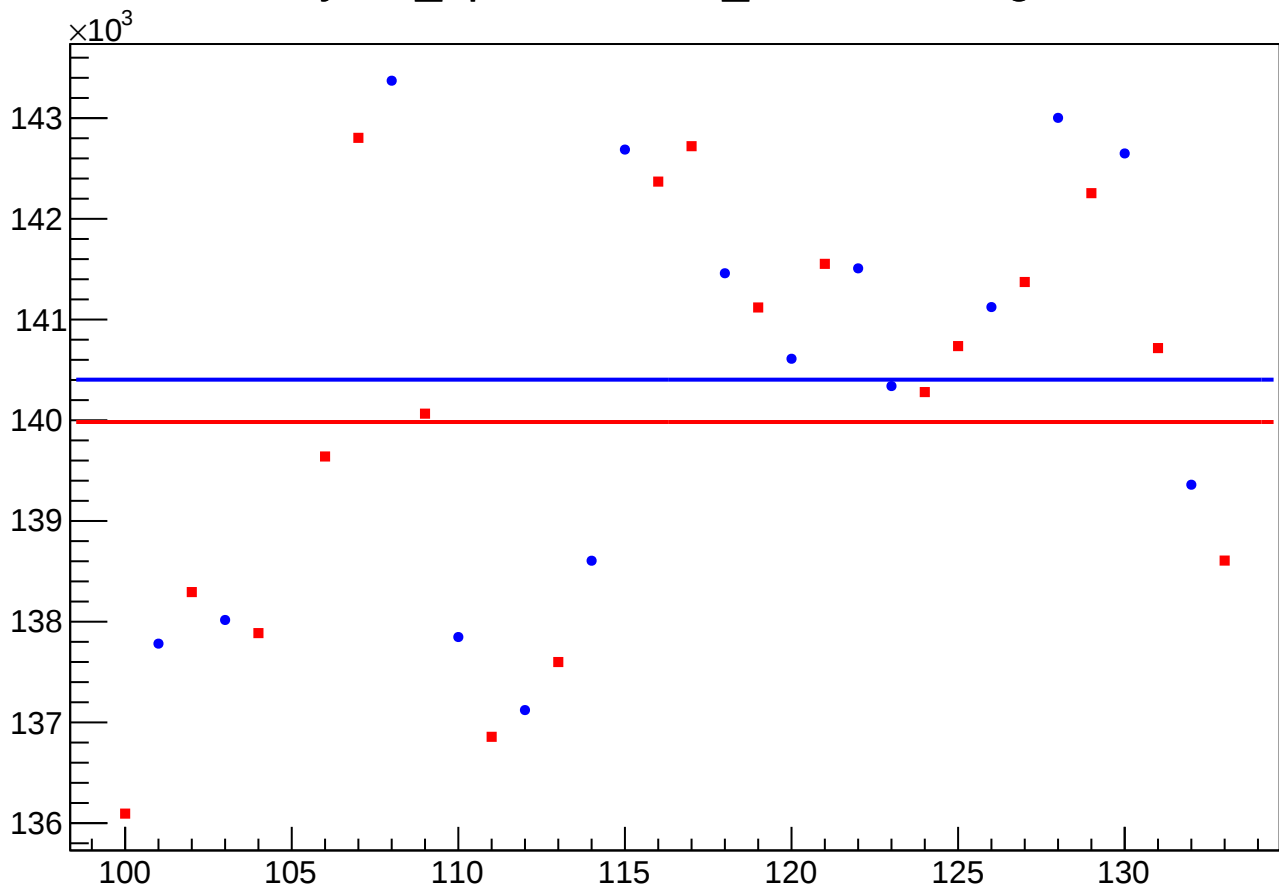
127.535 $\pm$ 0.041 χ^2 /NDF: 1331058.0/14

Right Out: 123.871 $\pm$ 0.037 χ^2 /NDF: 1407358.8/17

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

123.871 $\pm$ 0.037 χ^2 /NDF: 1407358.8/17

yield_bpm0i02aWS_mean vs Slug



Right In: 140403.154 $\pm$ 0.066 χ^2 /NDF: 1022452276.7/14

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

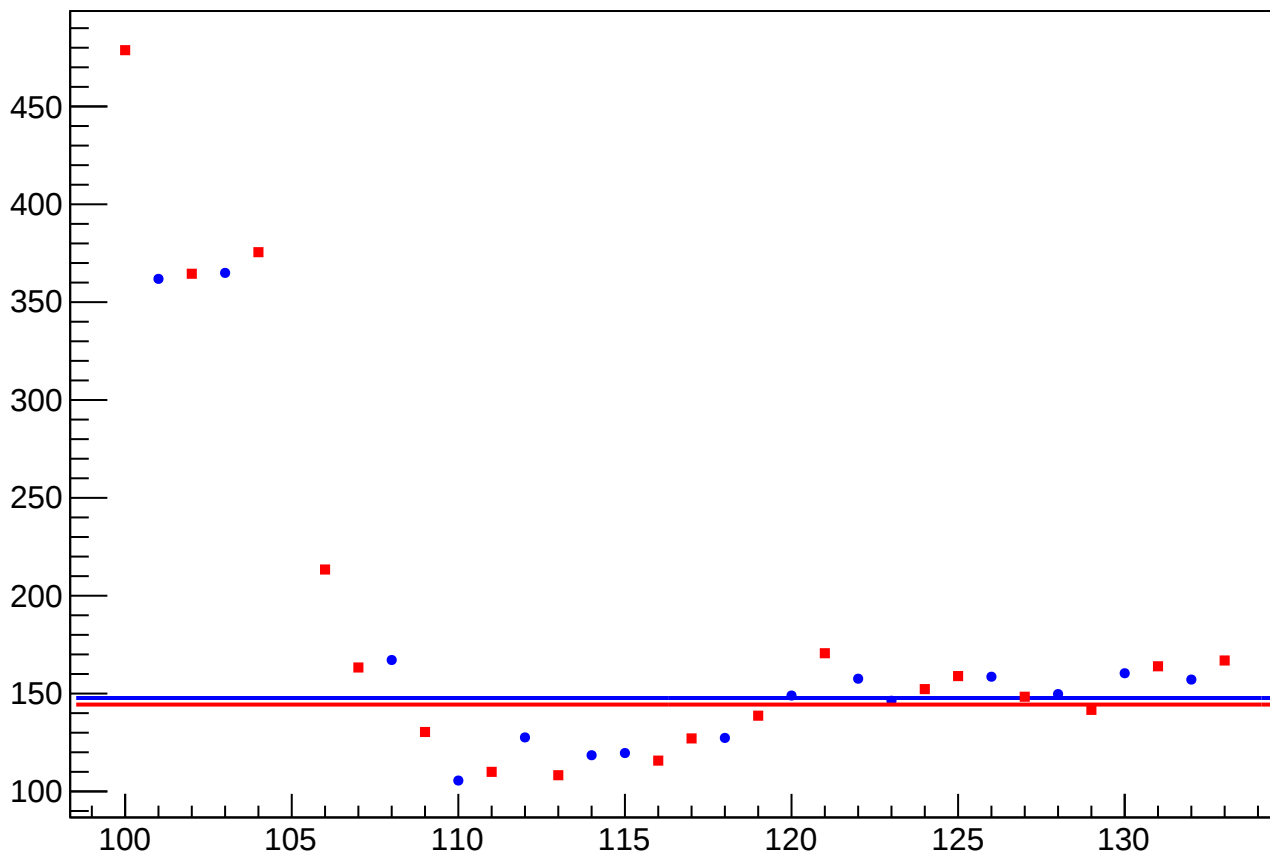
140403.154 $\pm$ 0.066 χ^2 /NDF: 1022452276.7/14

Right Out: 139982.696 $\pm$ 0.061 χ^2 /NDF: 1051895367.2/17

139982.696 $\pm$ 0.061 χ^2 /NDF: 1051895367.2/17

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

yield_bpm0i02aWS_rms vs Slug



Right In: 147.737 $\pm$ 0.047 χ^2 /NDF: 1019321.0/14

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

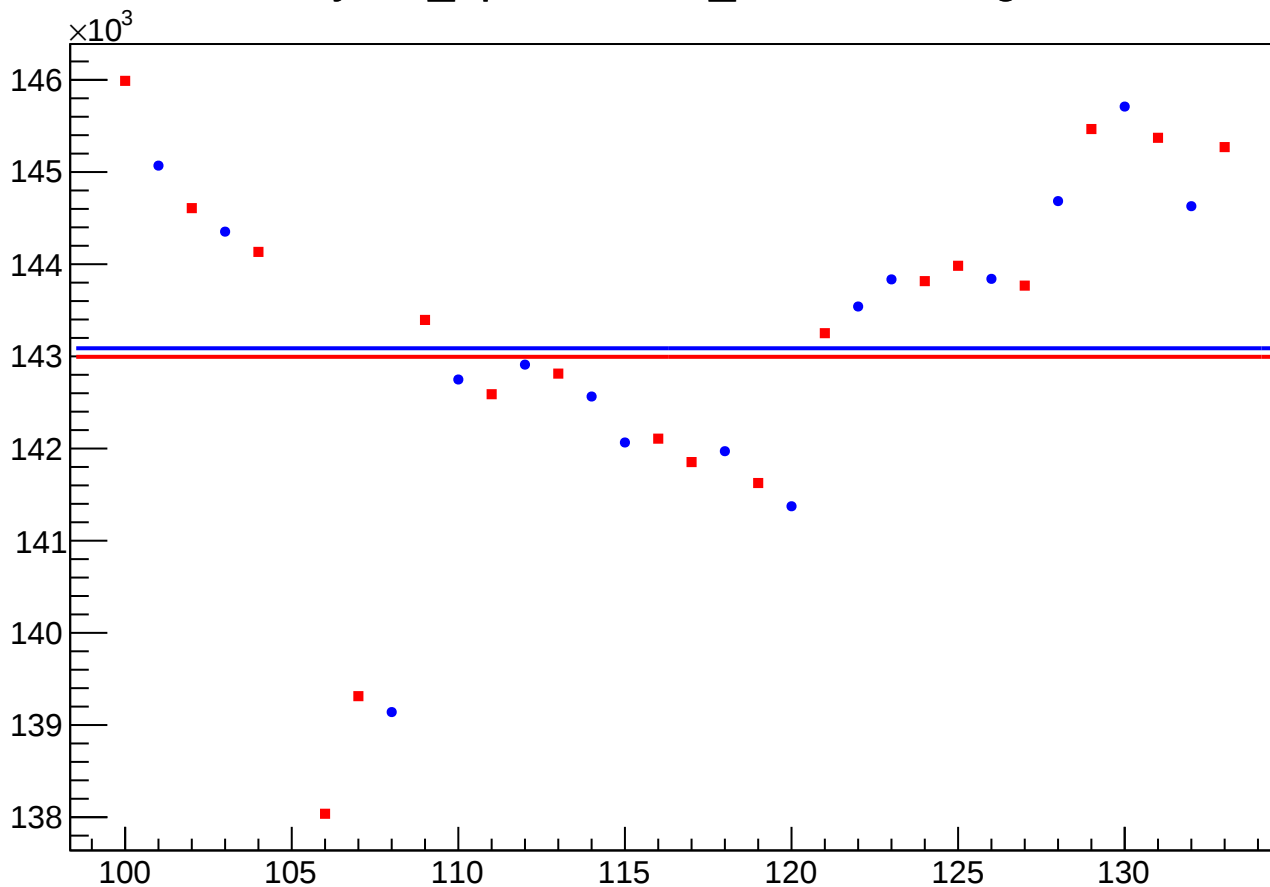
Right Out: 144.380 $\pm$ 0.043 χ^2 /NDF: 1165522.1/17

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

147.737 $\pm$ 0.047 χ^2 /NDF: 1019321.0/14

144.380 $\pm$ 0.043 χ^2 /NDF: 1165522.1/17

yield_bpm0i05WS_mean vs Slug



Right In: 143087.954 $\pm$ 0.070 χ^2 /NDF: 595112551.3/14

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

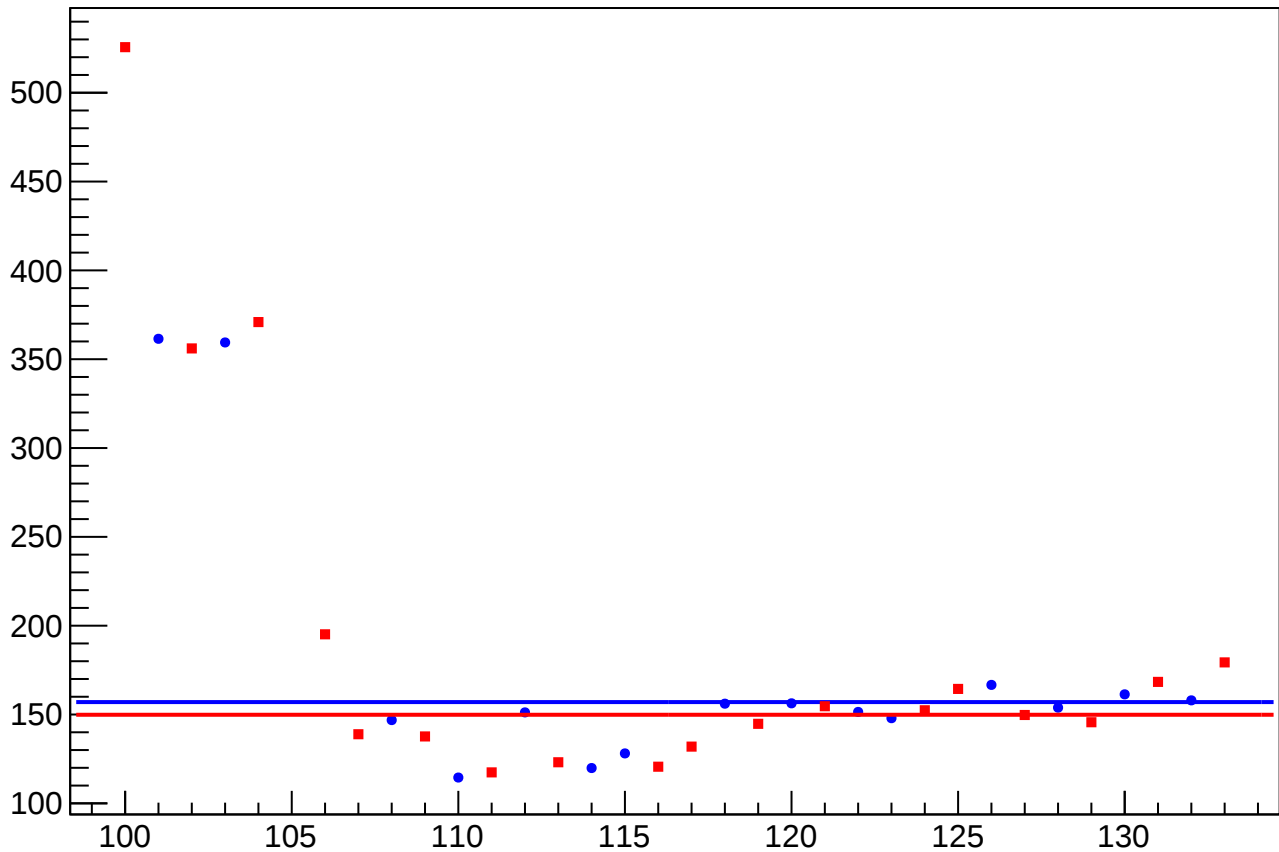
143087.954 $\pm$ 0.070 χ^2 /NDF: 595112551.3/14

Right Out: 142995.054 $\pm$ 0.063 χ^2 /NDF: 772705760.0/17

142995.054 $\pm$ 0.063 χ^2 /NDF: 772705760.0/17

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

yield_bpm0i05WS_rms vs Slug



Right In: 156.997 $\pm$ 0.050 χ^2 /NDF: 867339.7/14

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

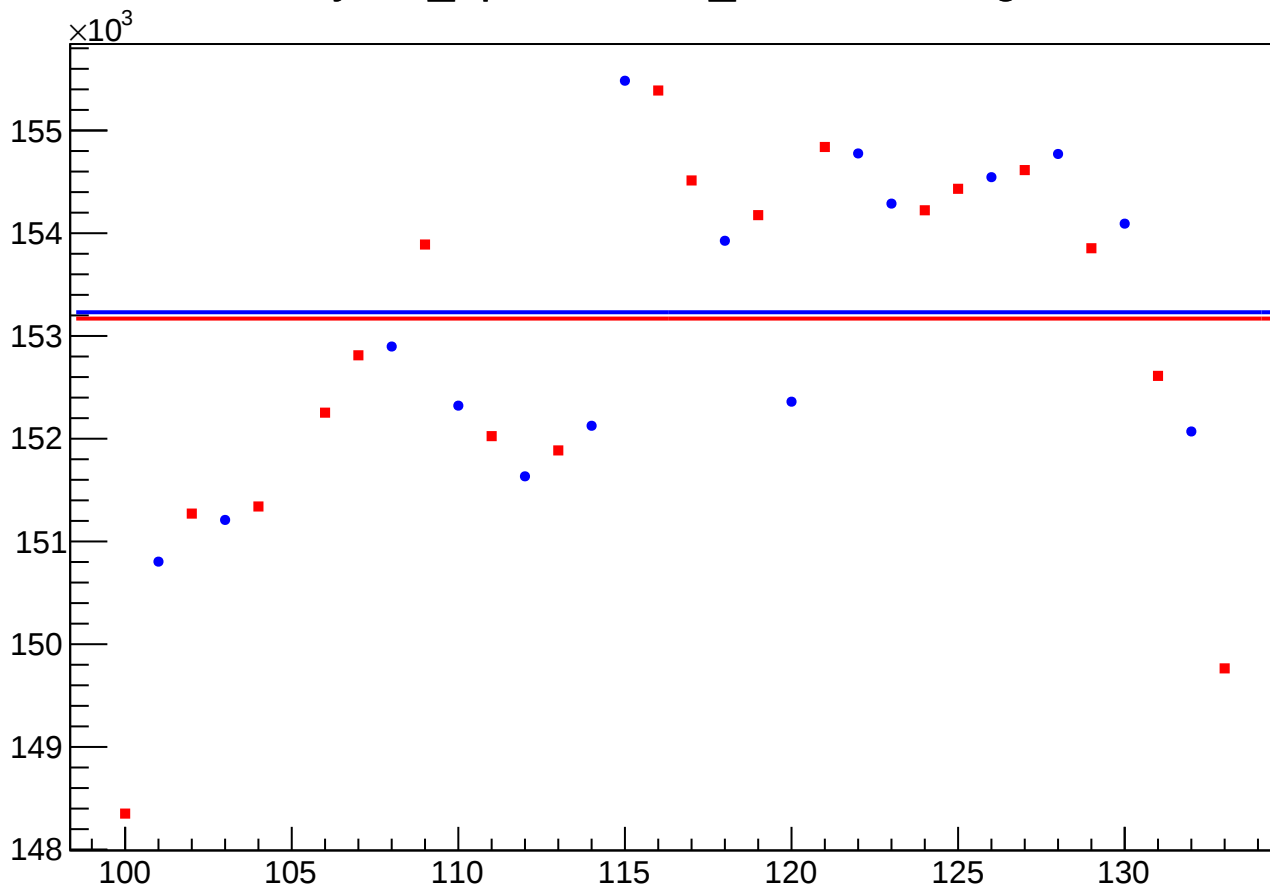
Right Out: 149.861 $\pm$ 0.044 χ^2 /NDF: 995911.0/17

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

156.997 $\pm$ 0.050 χ^2 /NDF: 867339.7/14

149.861 $\pm$ 0.044 χ^2 /NDF: 995911.0/17

yield_bpm0i07WS_mean vs Slug



Right In: 153230.811 $\pm$ 0.079 χ^2 /NDF: 261660544.9/14

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

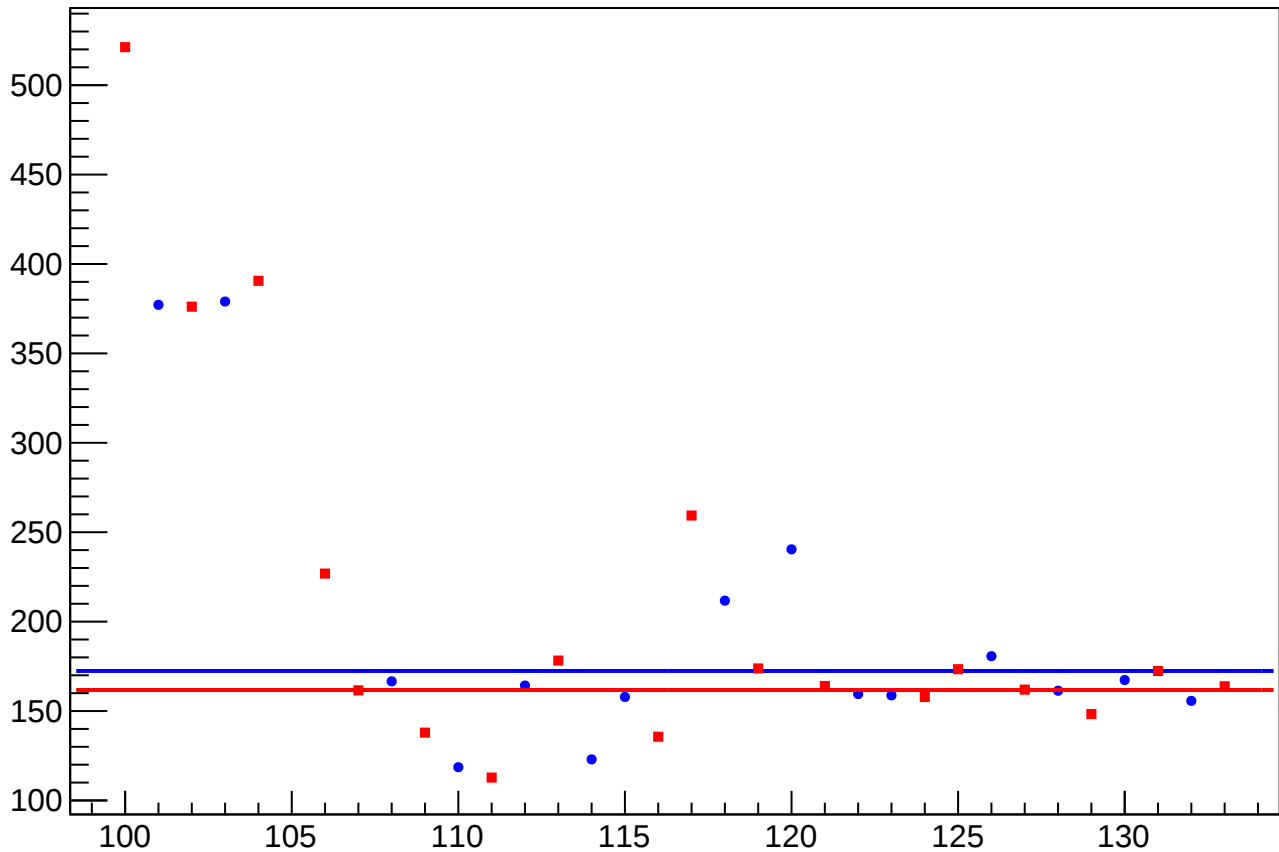
Right Out: 153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

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

153230.811 $\pm$ 0.079 χ^2 /NDF: 261660544.9/14

153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

yield_bpm0i07WS_rms vs Slug



Right In: 172.392+/-0.056 χ^2/NDF : 941423.1/14

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

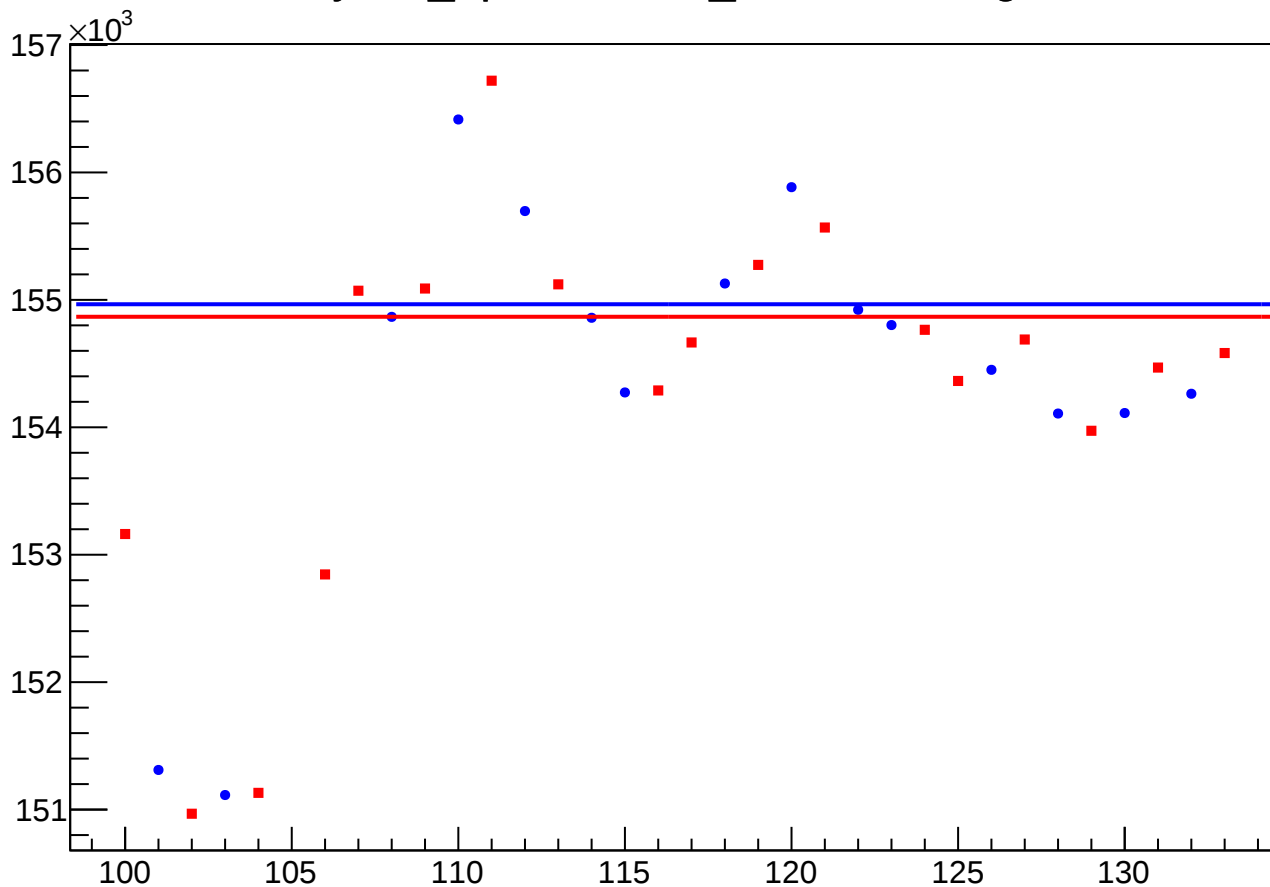
172.392+/-0.056 χ^2/NDF : 941423.1/14

Right Out: 161.763+/-0.049 χ^2/NDF : 1029022.3/17

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

161.763+/-0.049 χ^2/NDF : 1029022.3/17

yield_bpm1i02WS_mean vs Slug



Right In: 154965.676 $\pm$ 0.070 χ^2 /NDF: 212510240.3/14

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

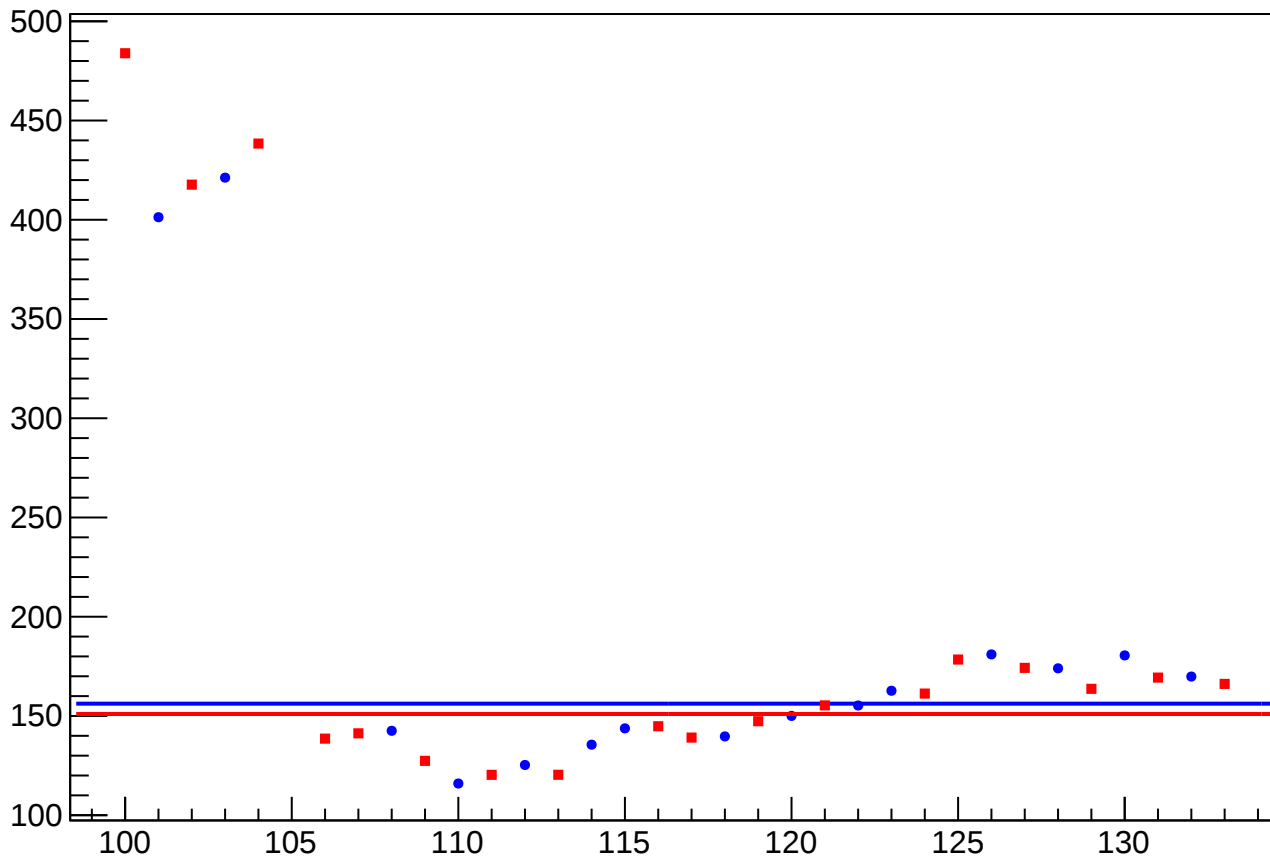
Right Out: 154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

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

154965.676 $\pm$ 0.070 χ^2 /NDF: 212510240.3/14

154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

yield_bpm1i02WS_rms vs Slug



Right In: 156.202 $\pm$ 0.050 χ^2 /NDF: 1095531.5/14

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

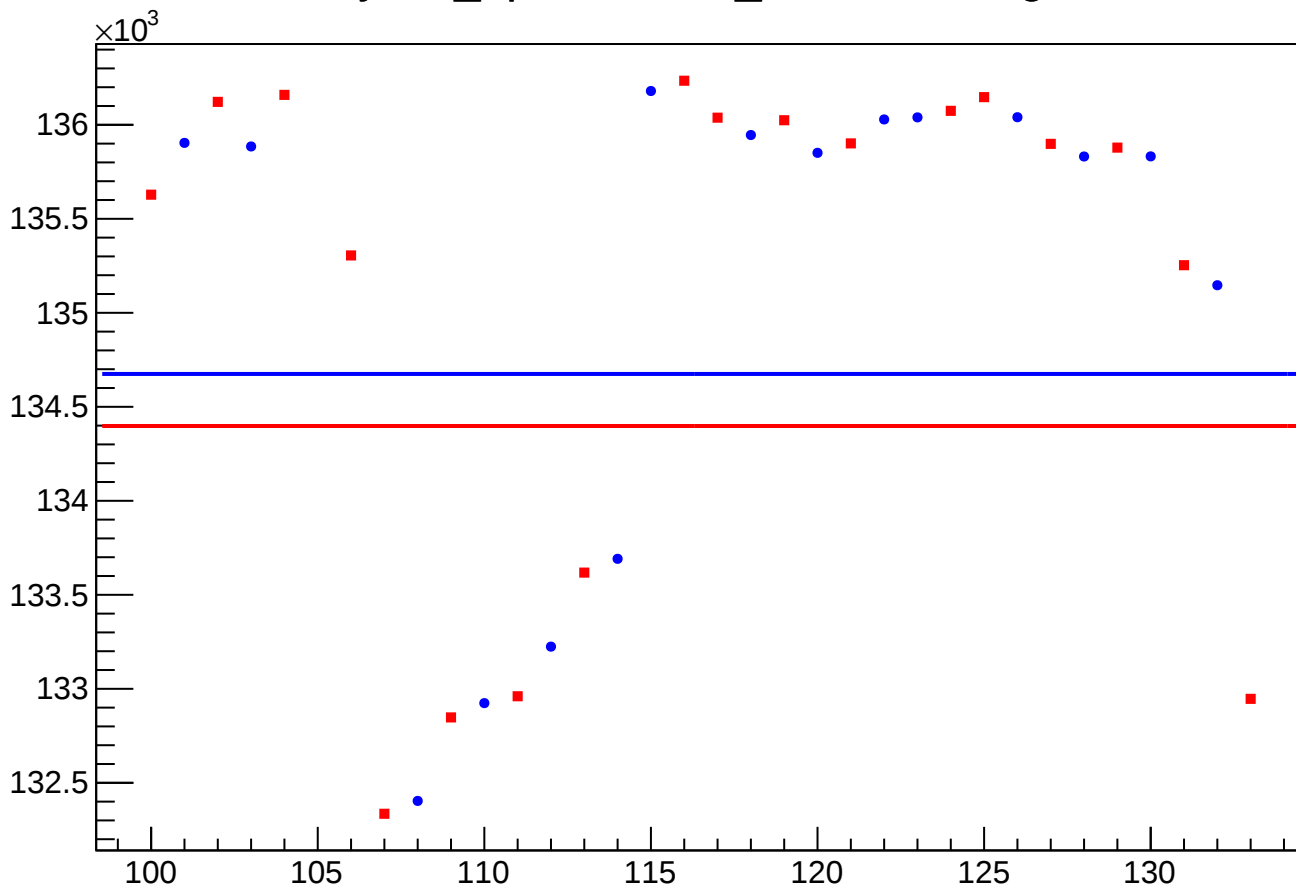
156.202 $\pm$ 0.050 χ^2 /NDF: 1095531.5/14

Right Out: 150.992 $\pm$ 0.044 χ^2 /NDF: 1141417.7/17

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

150.992 $\pm$ 0.044 χ^2 /NDF: 1141417.7/17

yield_bpm1i04WS_mean vs Slug



Right In: 134674.815 $\pm$ 0.054 χ^2 /NDF: 722723005.4/14

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

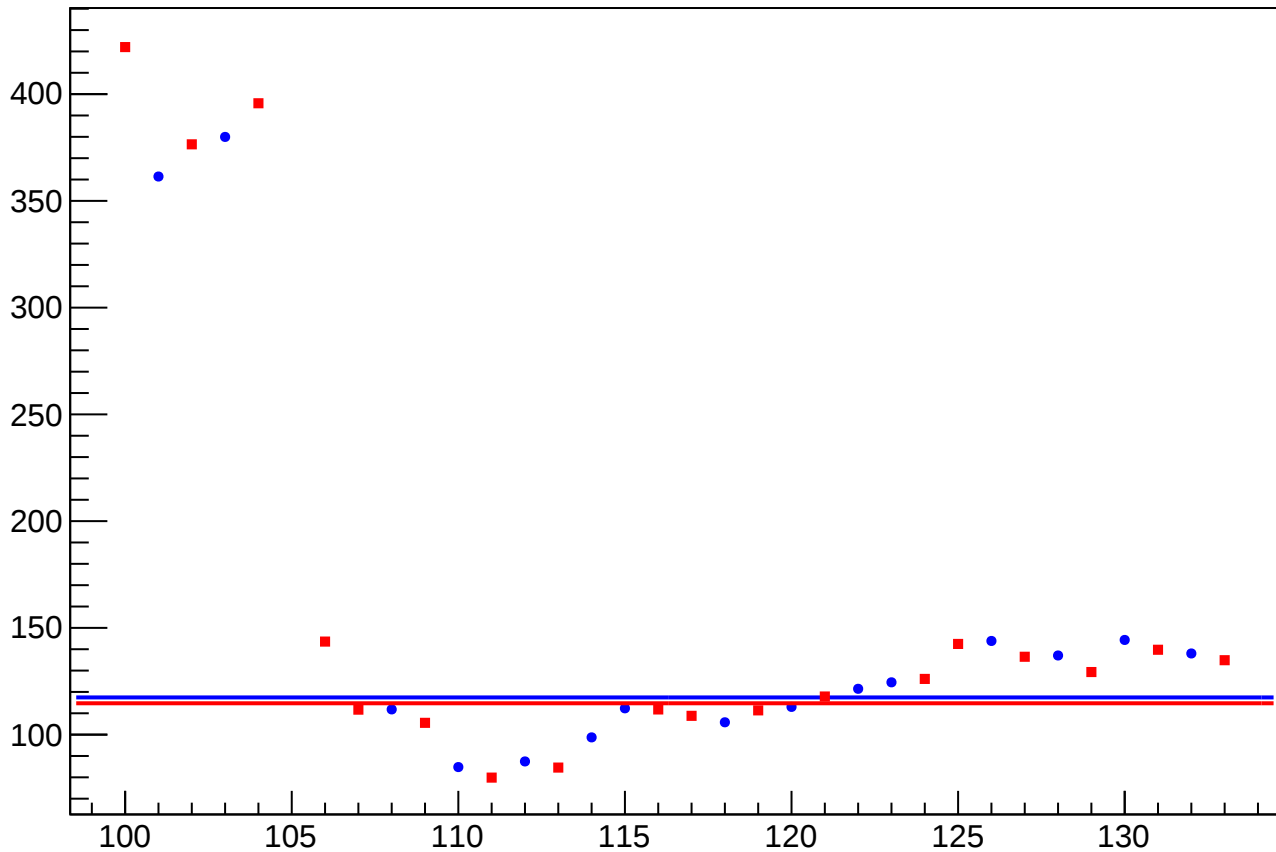
Right Out: 134397.989 $\pm$ 0.049 χ^2 /NDF: 909593481.8/17

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

134674.815 $\pm$ 0.054 χ^2 /NDF: 722723005.4/14

134397.989 $\pm$ 0.049 χ^2 /NDF: 909593481.8/17

yield_bpm1i04WS_rms vs Slug



Right In: 117.426+/-0.038 χ^2/NDF : 1393981.5/14

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

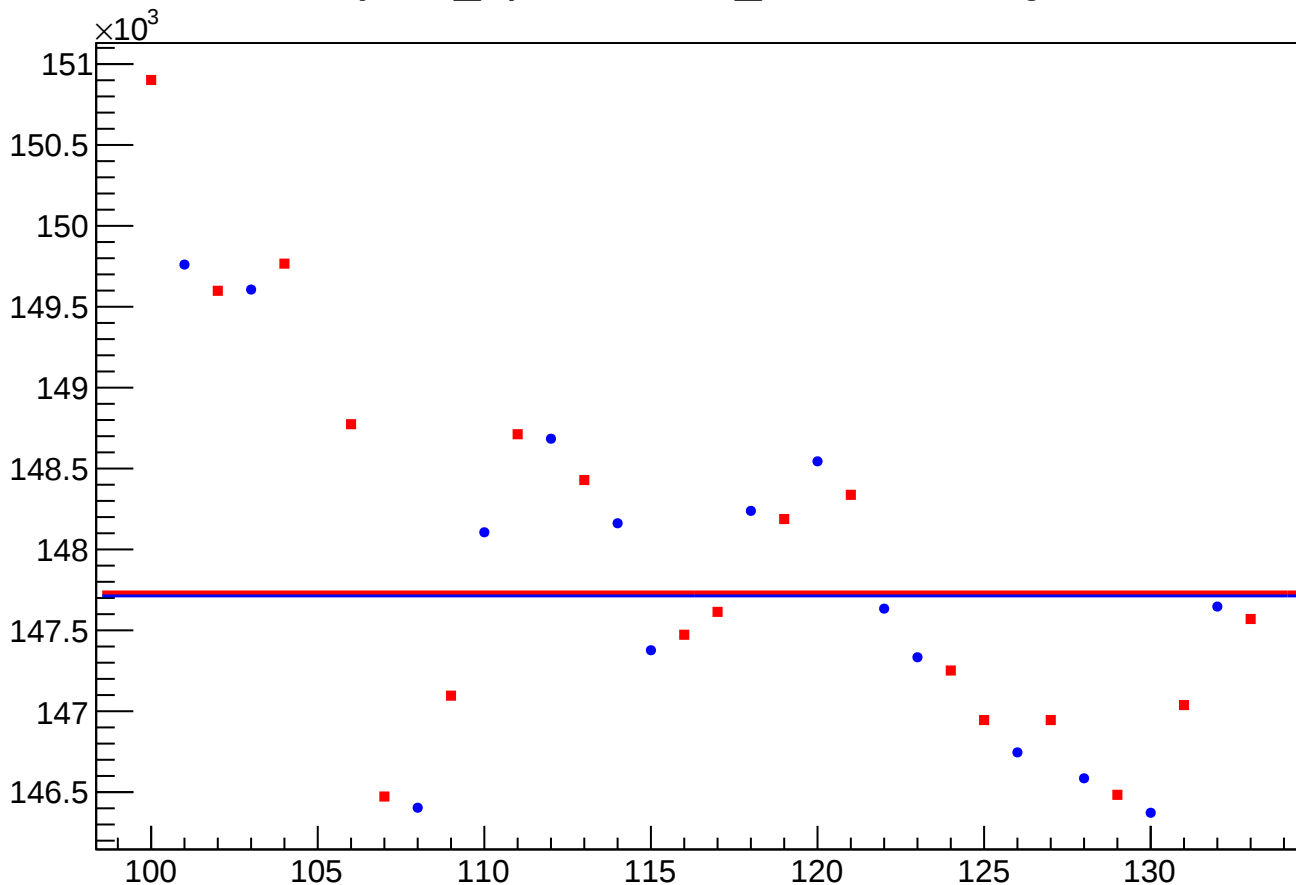
117.426+/-0.038 χ^2/NDF : 1393981.5/14

Right Out: 114.685+/-0.034 χ^2/NDF : 1495475.8/17

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

114.685+/-0.034 χ^2/NDF : 1495475.8/17

yield_bpm1i06WS_mean vs Slug



Right In: 147716.067 $\pm$ 0.067 χ^2/NDF : 181147384.7/14

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

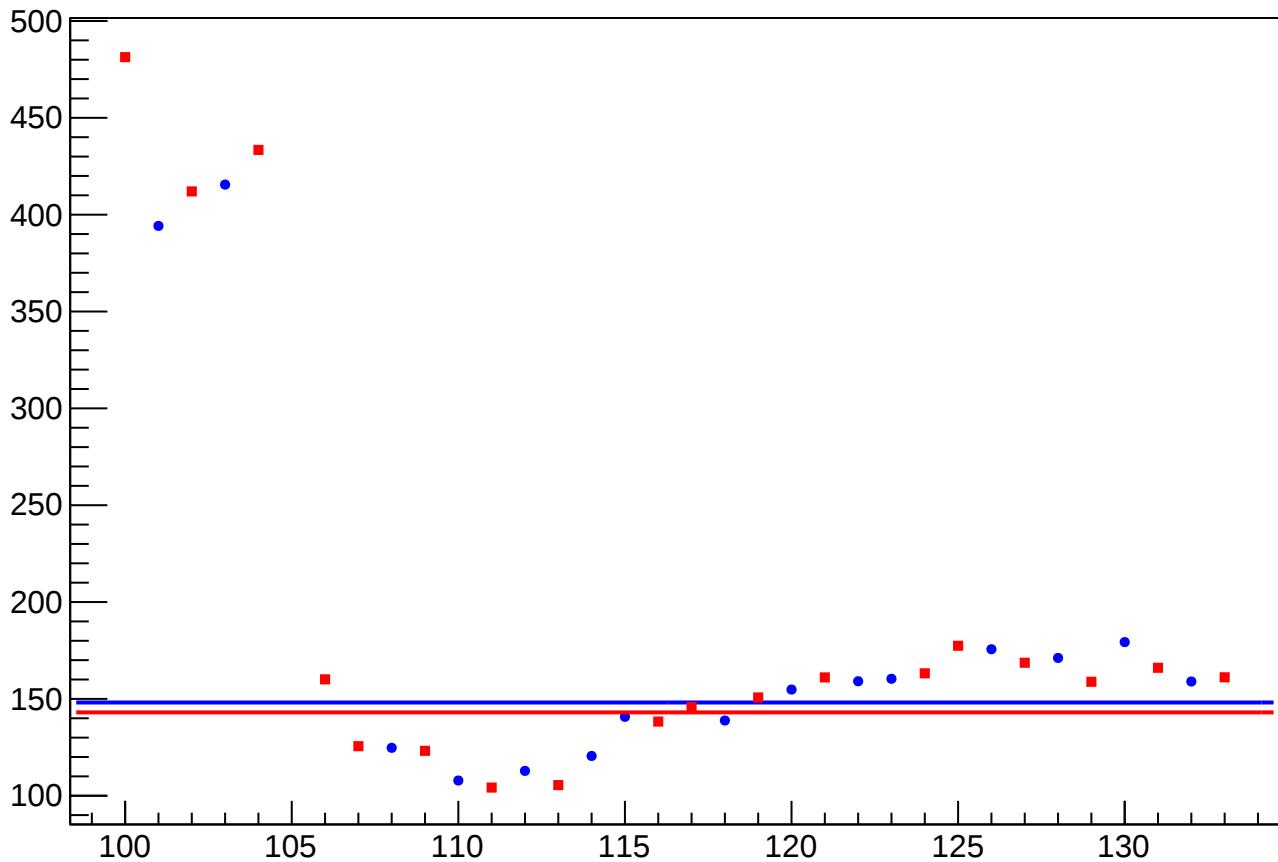
Right Out: 147734.066 $\pm$ 0.060 χ^2/NDF : 200115409.5/17

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

147716.067 $\pm$ 0.067 χ^2/NDF : 181147384.7/14

147734.066 $\pm$ 0.060 χ^2/NDF : 200115409.5/17

yield_bpm1i06WS_rms vs Slug



Right In: 148.147 $\pm$ 0.047 χ^2 /NDF: 1220304.1/14

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

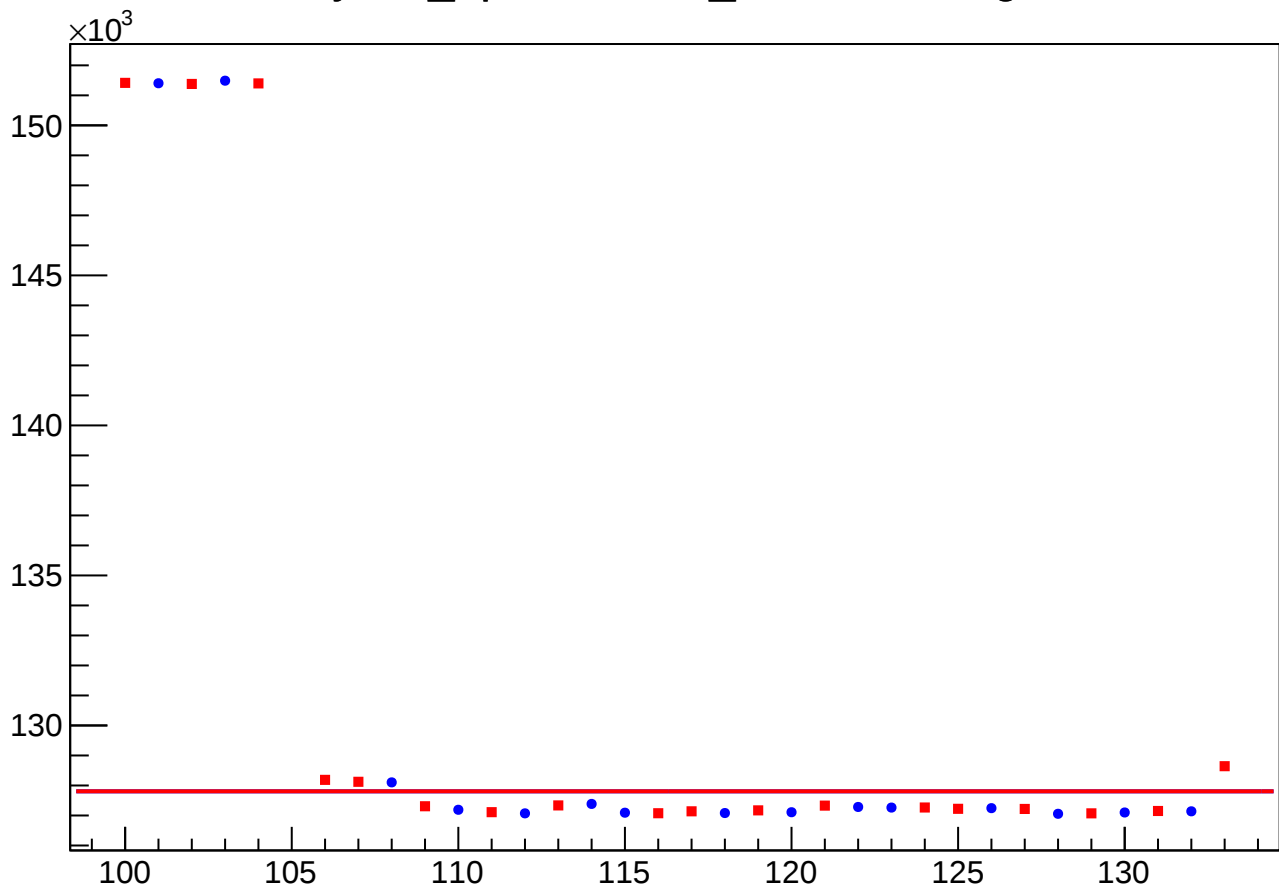
148.147 $\pm$ 0.047 χ^2 /NDF: 1220304.1/14

Right Out: 143.033 $\pm$ 0.043 χ^2 /NDF: 1341542.8/17

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

143.033 $\pm$ 0.043 χ^2 /NDF: 1341542.8/17

yield_bpm2i01WS_mean vs Slug



Right In: 127804.562 $\pm$ 0.057 χ^2 /NDF: 4202893857.8/14

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

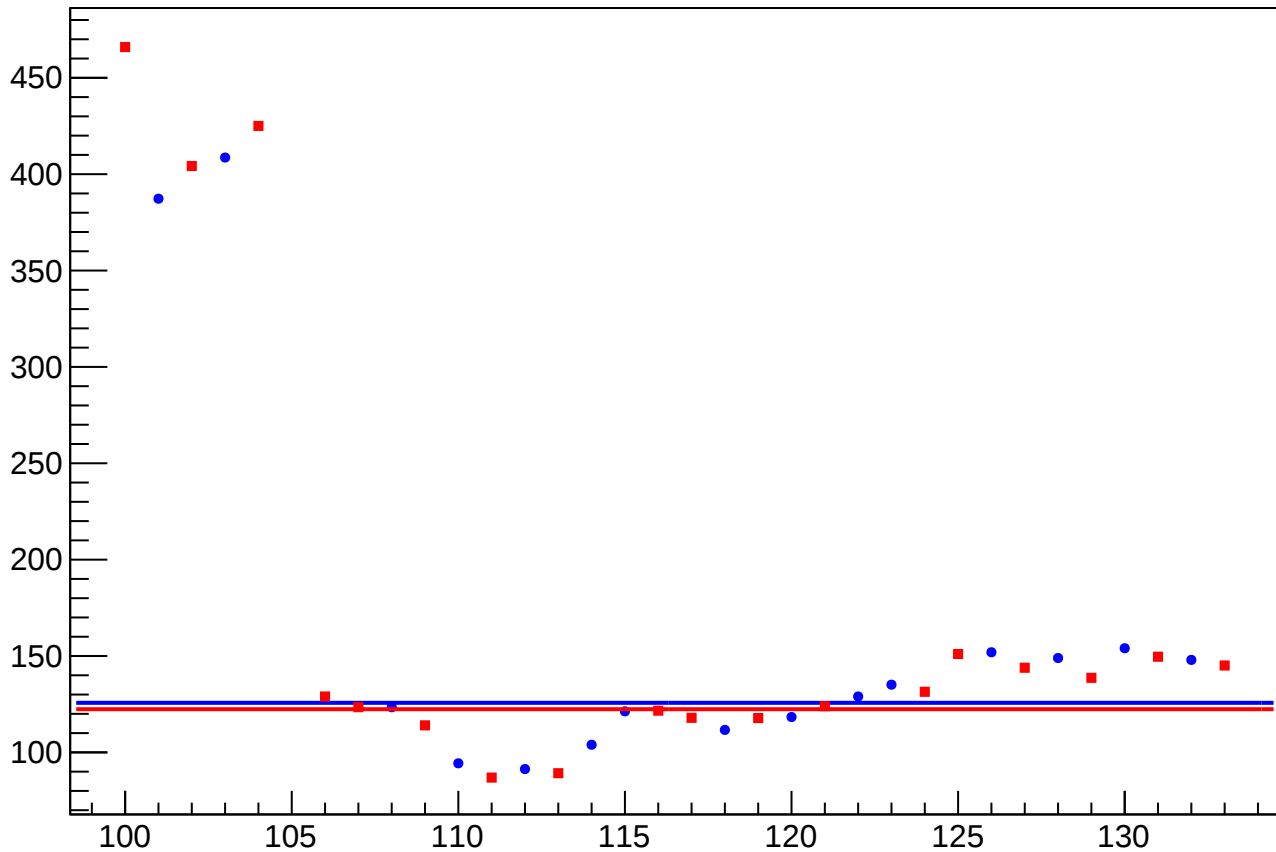
Right Out: 127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

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

127804.562 $\pm$ 0.057 χ^2 /NDF: 4202893857.8/14

127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

yield_bpm2i01WS_rms vs Slug



Right In: 125.711 $\pm$ 0.041 χ^2 /NDF: 1394261.3/14

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

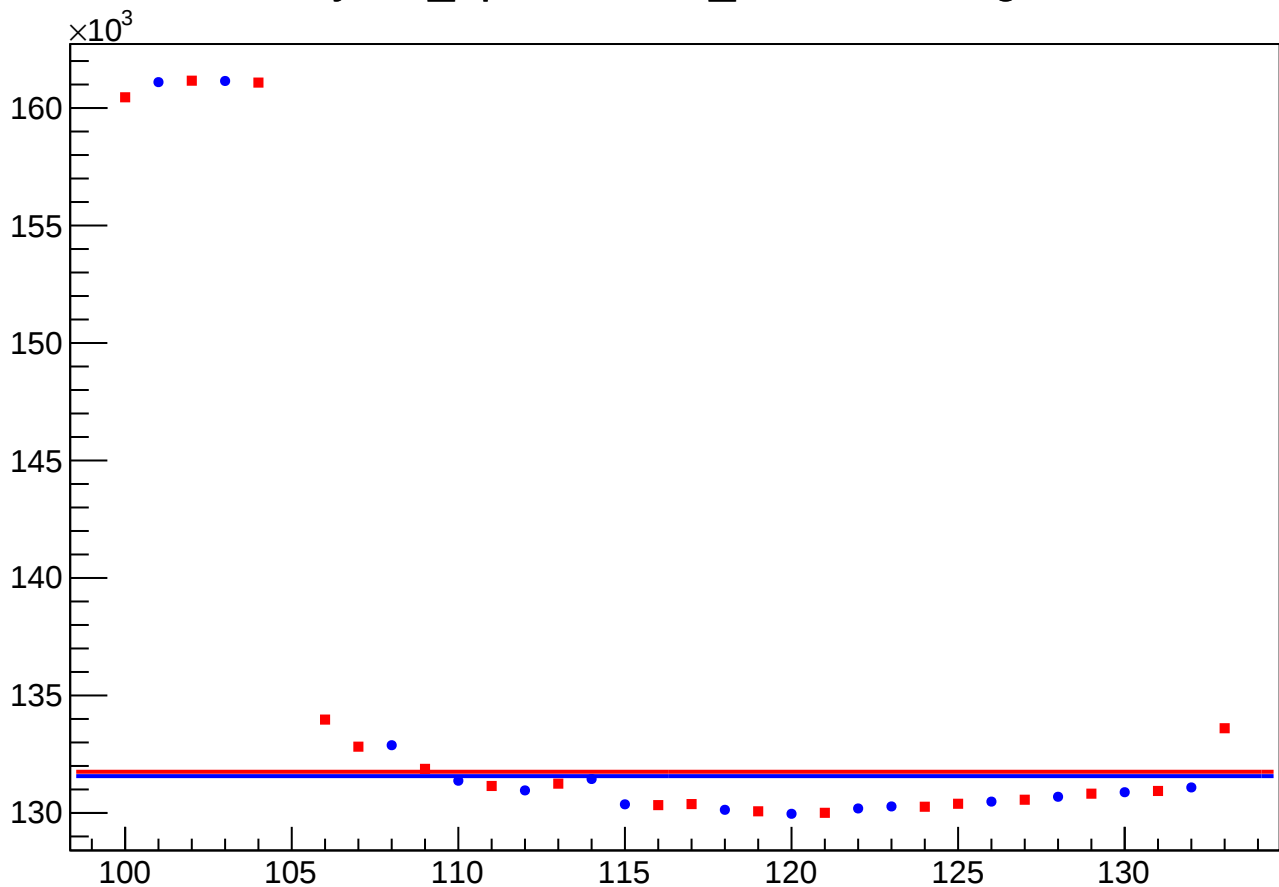
125.711 $\pm$ 0.041 χ^2 /NDF: 1394261.3/14

Right Out: 122.404 $\pm$ 0.037 χ^2 /NDF: 1470417.6/17

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

122.404 $\pm$ 0.037 χ^2 /NDF: 1470417.6/17

yield_bpm2i02WS_mean vs Slug



Right In: 131567.093 $\pm$ 0.060 χ^2 /NDF: 6021694314.6/14

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

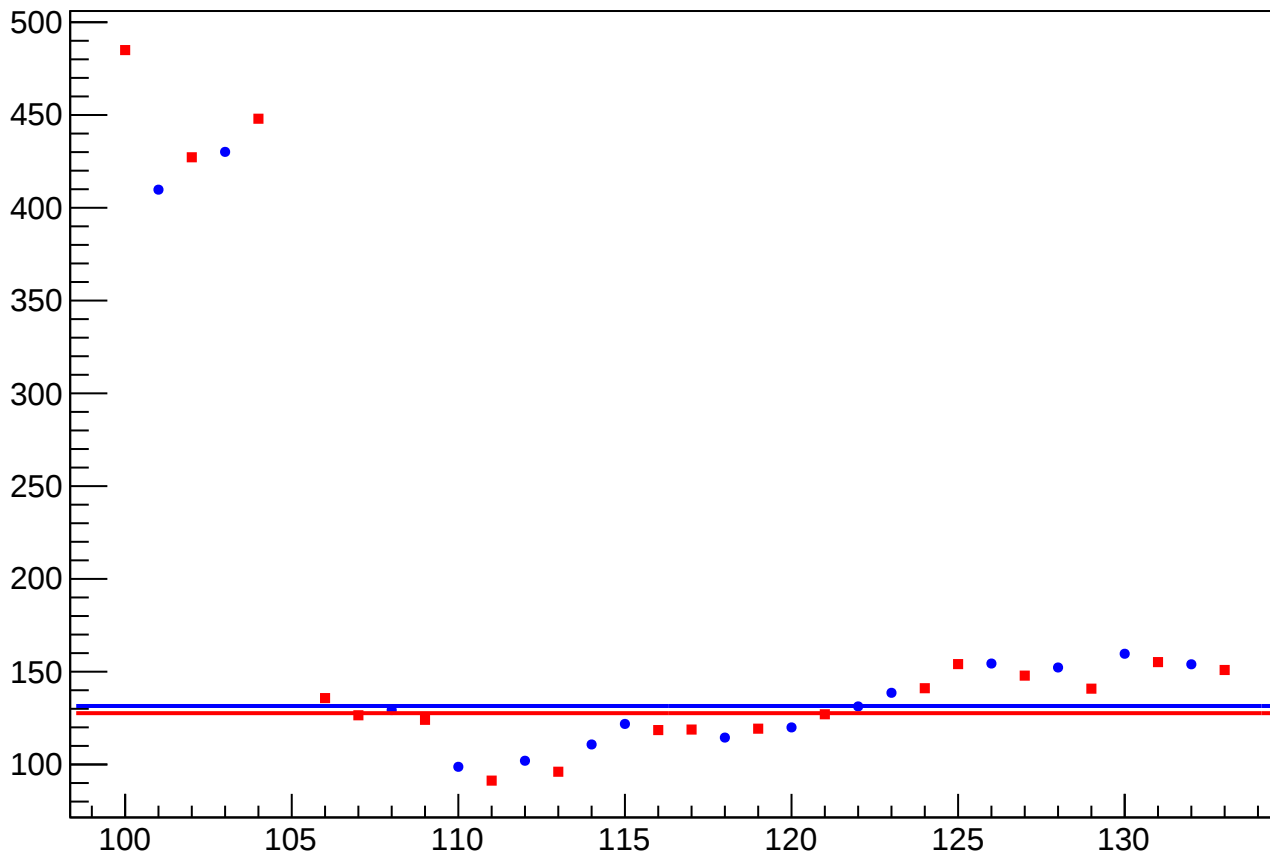
Right Out: 131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

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

131567.093 $\pm$ 0.060 χ^2 /NDF: 6021694314.6/14

131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

yield_bpm2i02WS_rms vs Slug



Right In: 131.515 $\pm$ 0.042 χ^2 /NDF: 1349245.4/14

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

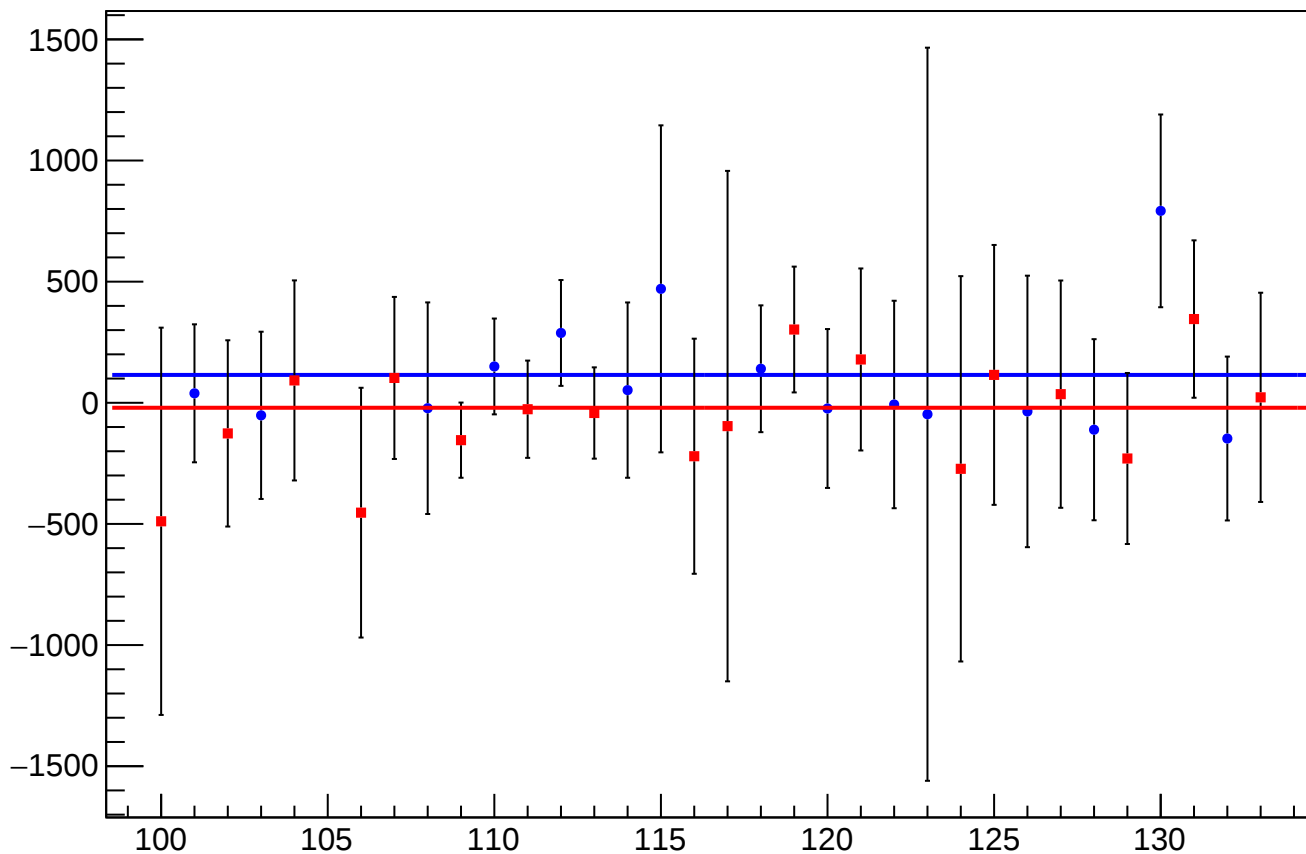
131.515 $\pm$ 0.042 χ^2 /NDF: 1349245.4/14

Right Out: 127.650 $\pm$ 0.038 χ^2 /NDF: 1438192.6/17

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

127.650 $\pm$ 0.038 χ^2 /NDF: 1438192.6/17

asym_bcm_an_ds_mean vs Slug



Right In: 115.041+/-85.272 χ^2/NDF : 5.6/14

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

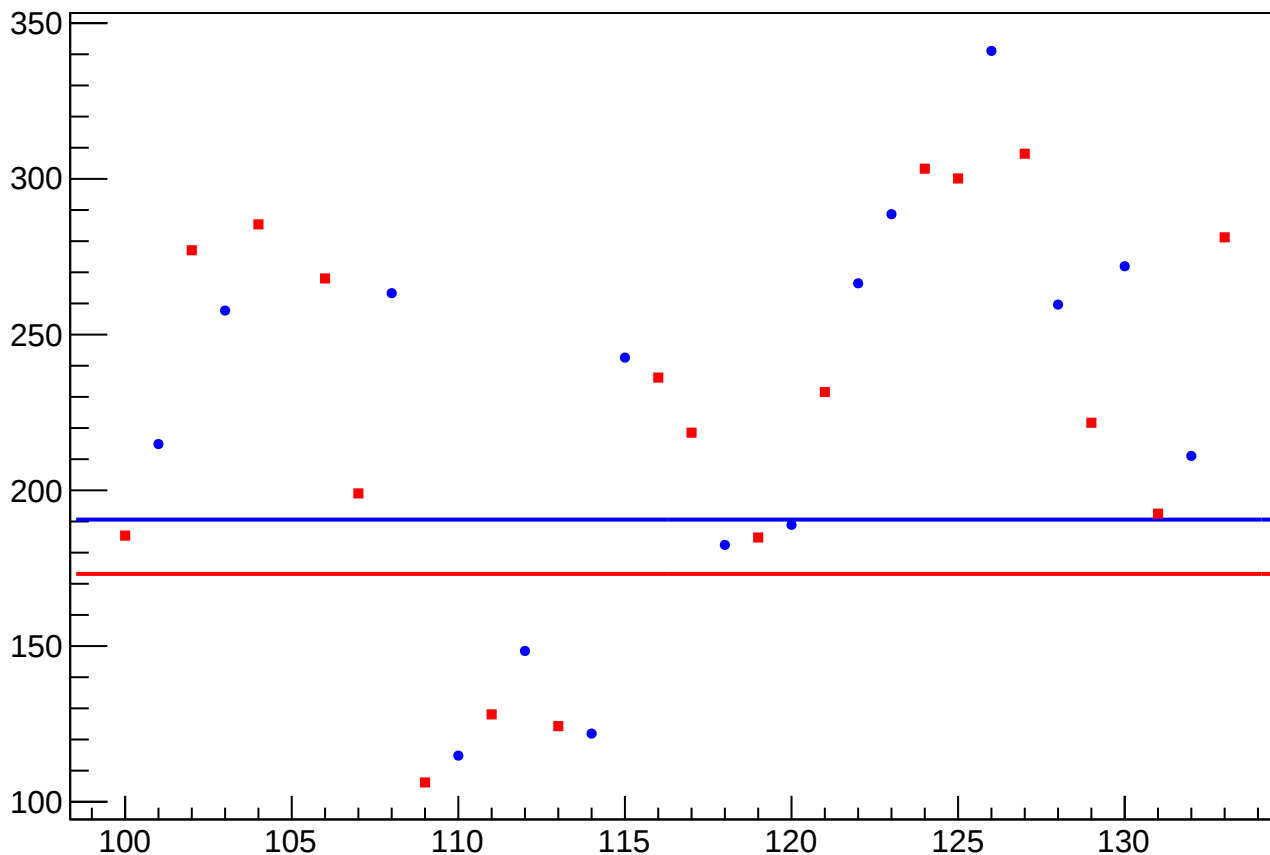
Right Out: -20.495+/-74.341 χ^2/NDF : 5.9/17

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

115.041+/-85.272 χ^2/NDF : 5.6/14

-20.495+/-74.341 χ^2/NDF : 5.9/17

asym_bcm_an_ds_rms vs Slug



Right In: 190.603 $\pm$ 0.060 χ^2 /NDF: 974317.2/14

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

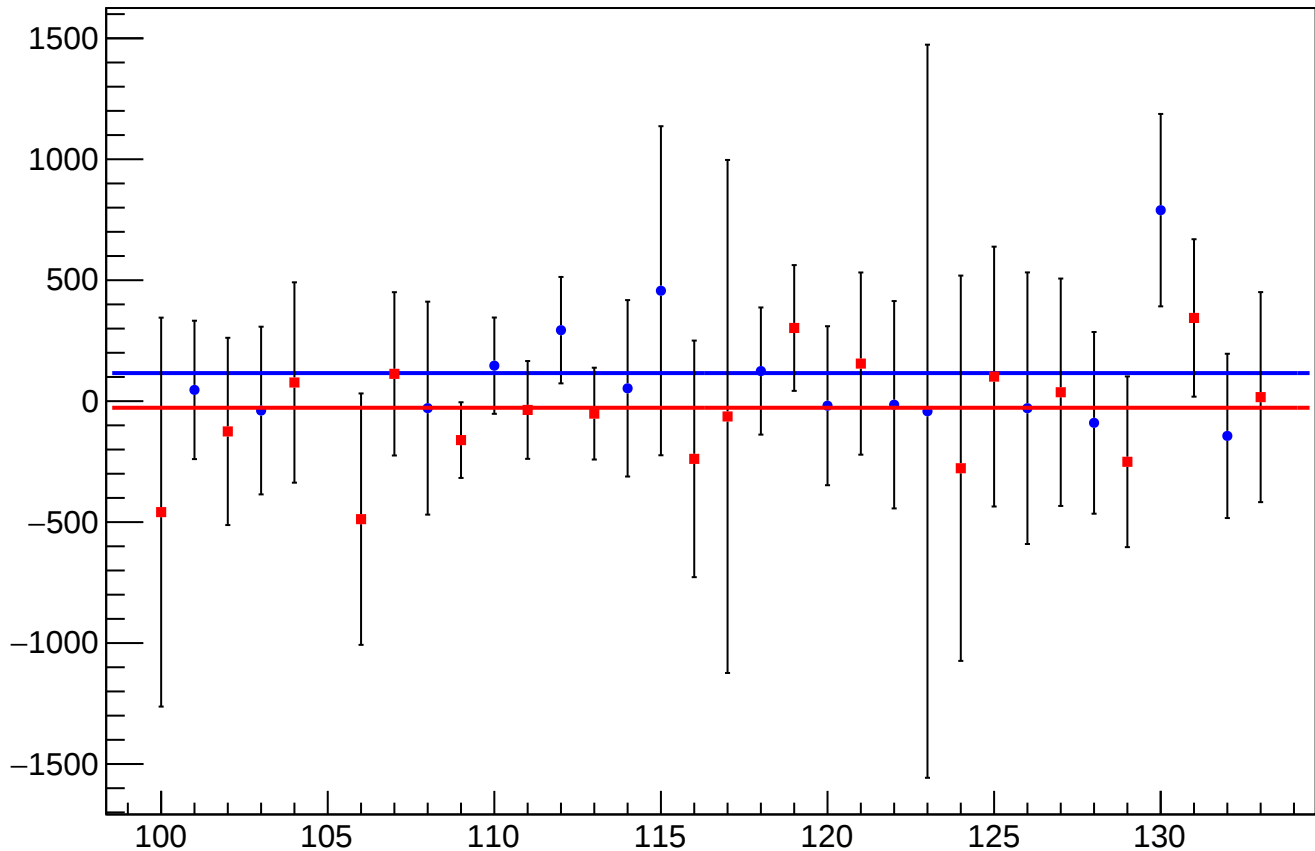
Right Out: 173.174 $\pm$ 0.053 χ^2 /NDF: 1573030.7/17

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

190.603 $\pm$ 0.060 χ^2 /NDF: 974317.2/14

173.174 $\pm$ 0.053 χ^2 /NDF: 1573030.7/17

asym_bcm_an_ds3_mean vs Slug



Right In: 116.025+/-85.695 χ^2/NDF : 5.4/14

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

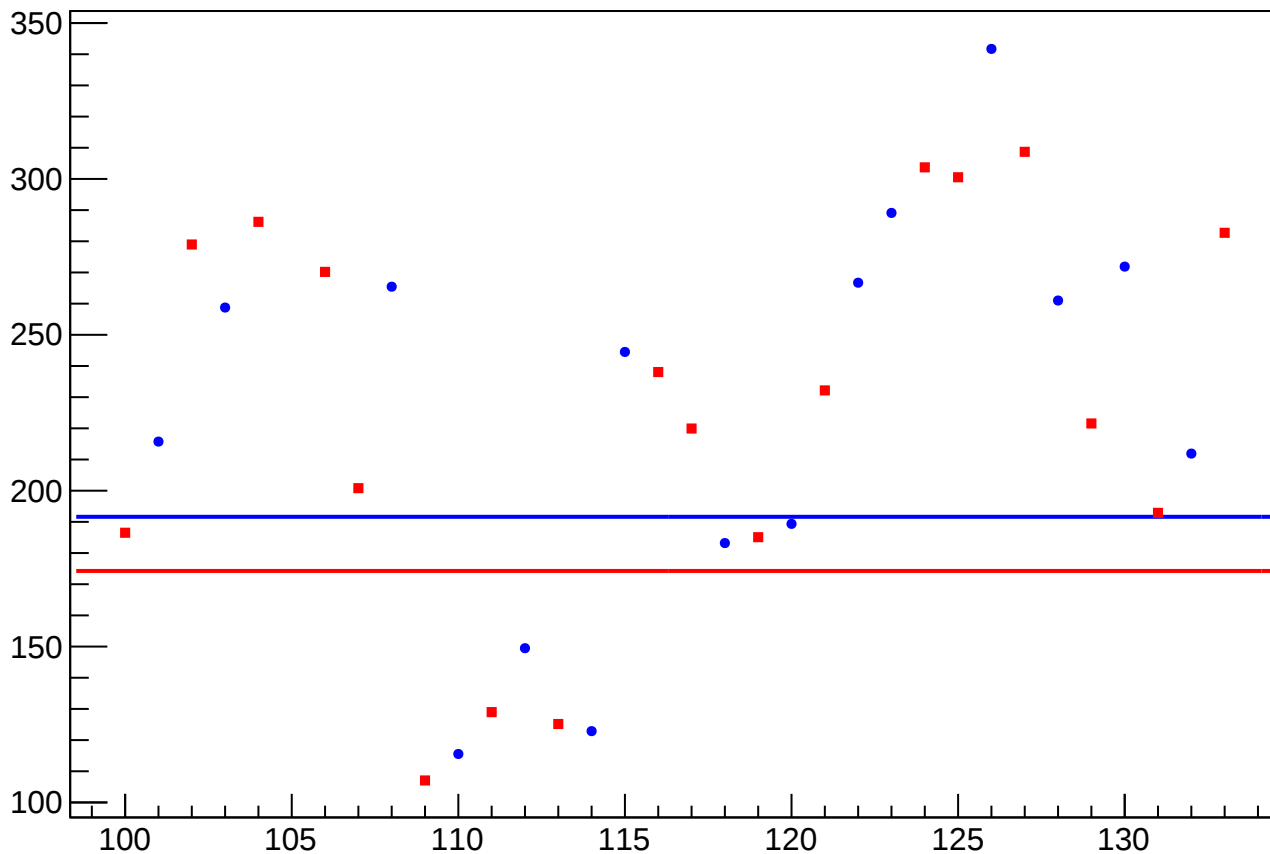
Right Out: -27.275+/-74.763 χ^2/NDF : 6.0/17

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

116.025+/-85.695 χ^2/NDF : 5.4/14

-27.275+/-74.763 χ^2/NDF : 6.0/17

asym_bcm_an_ds3_rms vs Slug



Right In: 191.624 $\pm$ 0.061 χ^2 /NDF: 965839.5/14

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

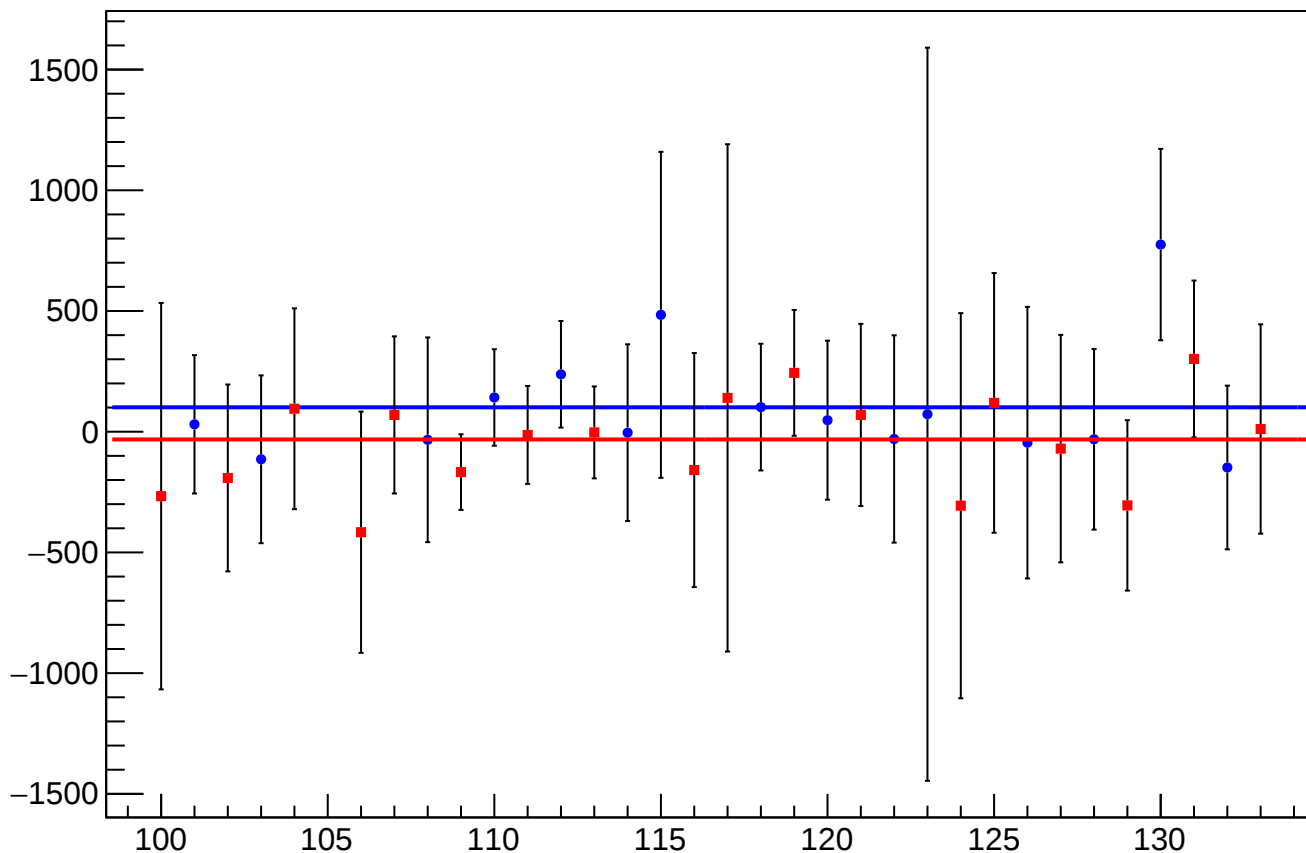
191.624 $\pm$ 0.061 χ^2 /NDF: 965839.5/14

Right Out: 174.258 $\pm$ 0.053 χ^2 /NDF: 1559847.7/17

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

174.258 $\pm$ 0.053 χ^2 /NDF: 1559847.7/17

asym_bcm_an_us_mean vs Slug



Right In: 101.070 $\pm$ 85.681 χ^2 /NDF: 5.1/14

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

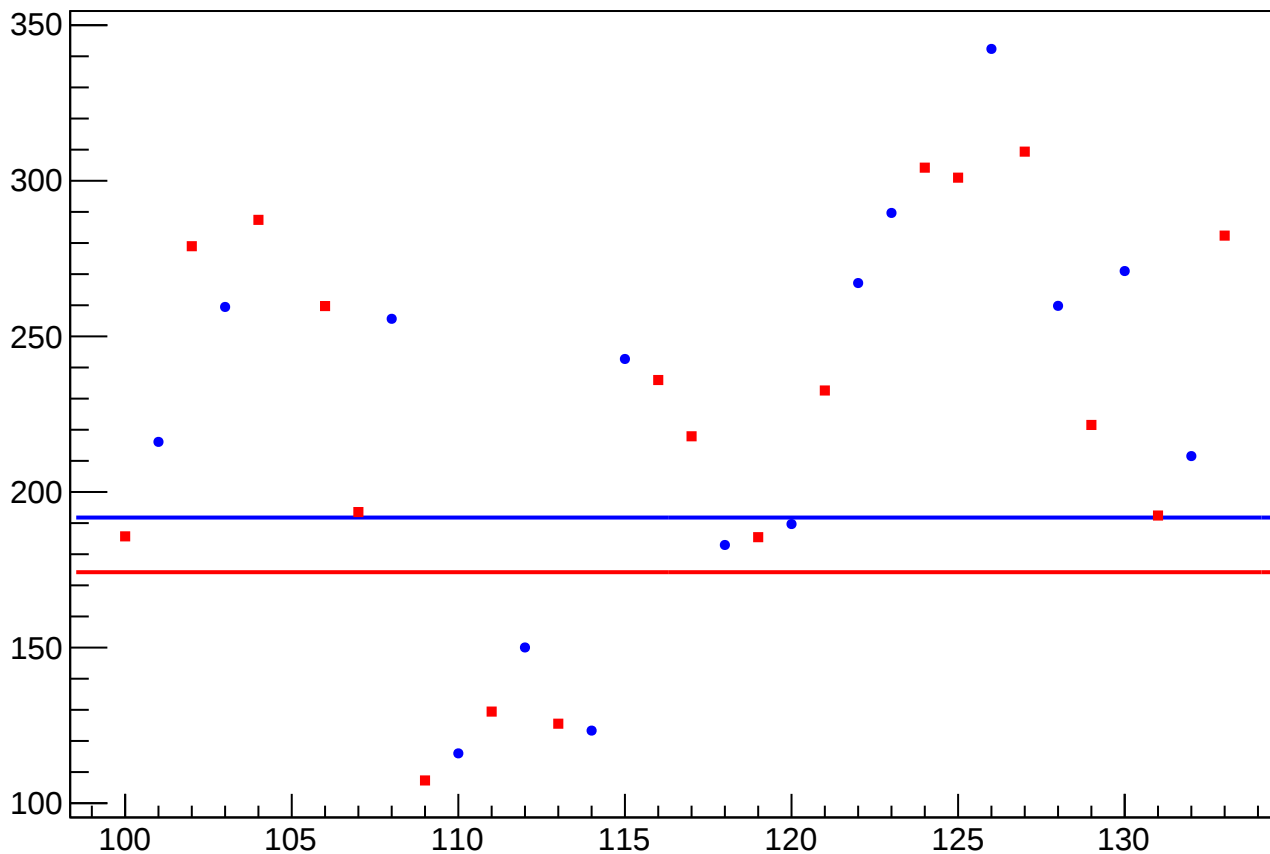
Right Out: -32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

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

101.070 $\pm$ 85.681 χ^2 /NDF: 5.1/14

-32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

asym_bcm_an_us_rms vs Slug



Right In: 191.787 $\pm$ 0.061 χ^2 /NDF: 944434.2/14

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

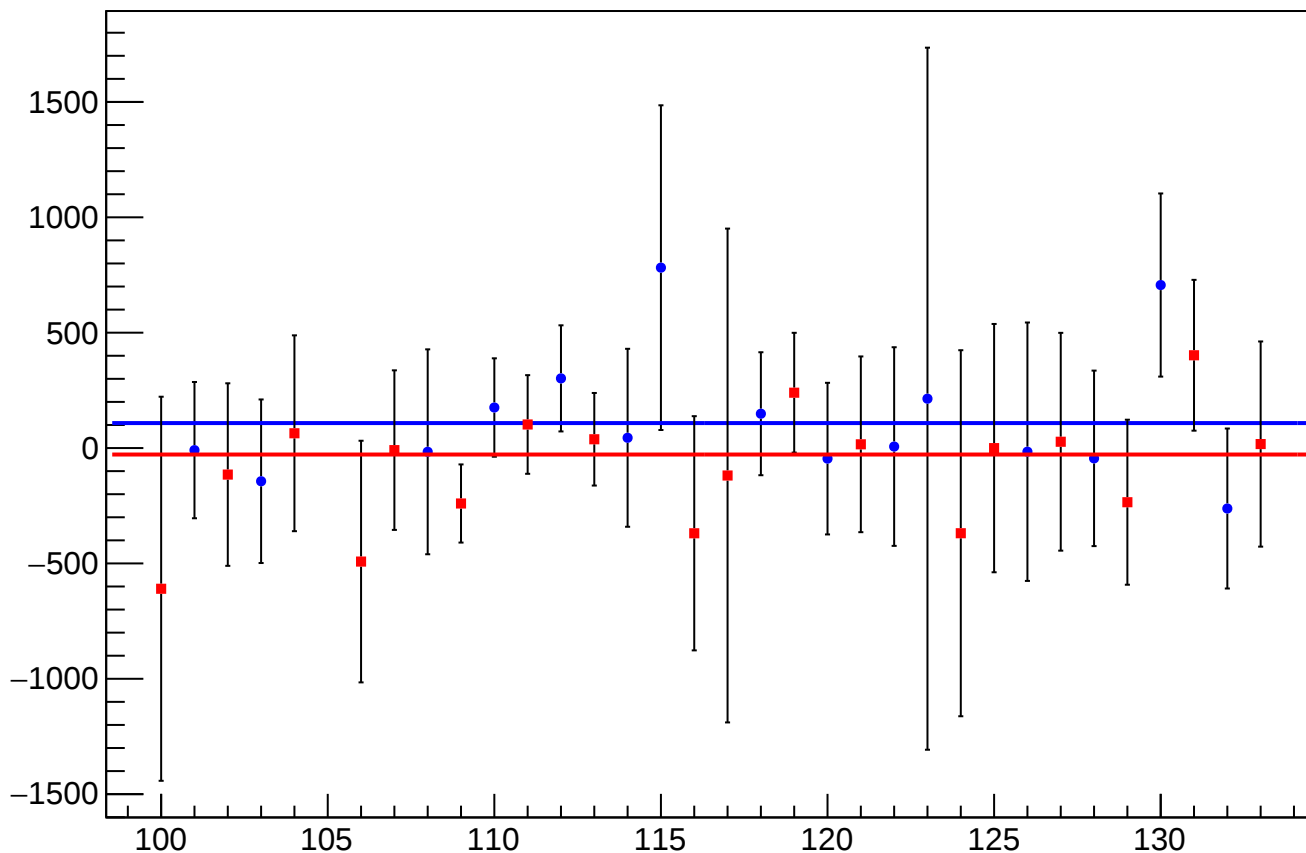
Right Out: 174.226 $\pm$ 0.053 χ^2 /NDF: 1536614.7/17

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

191.787 $\pm$ 0.061 χ^2 /NDF: 944434.2/14

174.226 $\pm$ 0.053 χ^2 /NDF: 1536614.7/17

asym_bcm_dg_us_mean vs Slug



Right In: 108.259+/-88.355 χ^2/NDF : 6.4/14

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

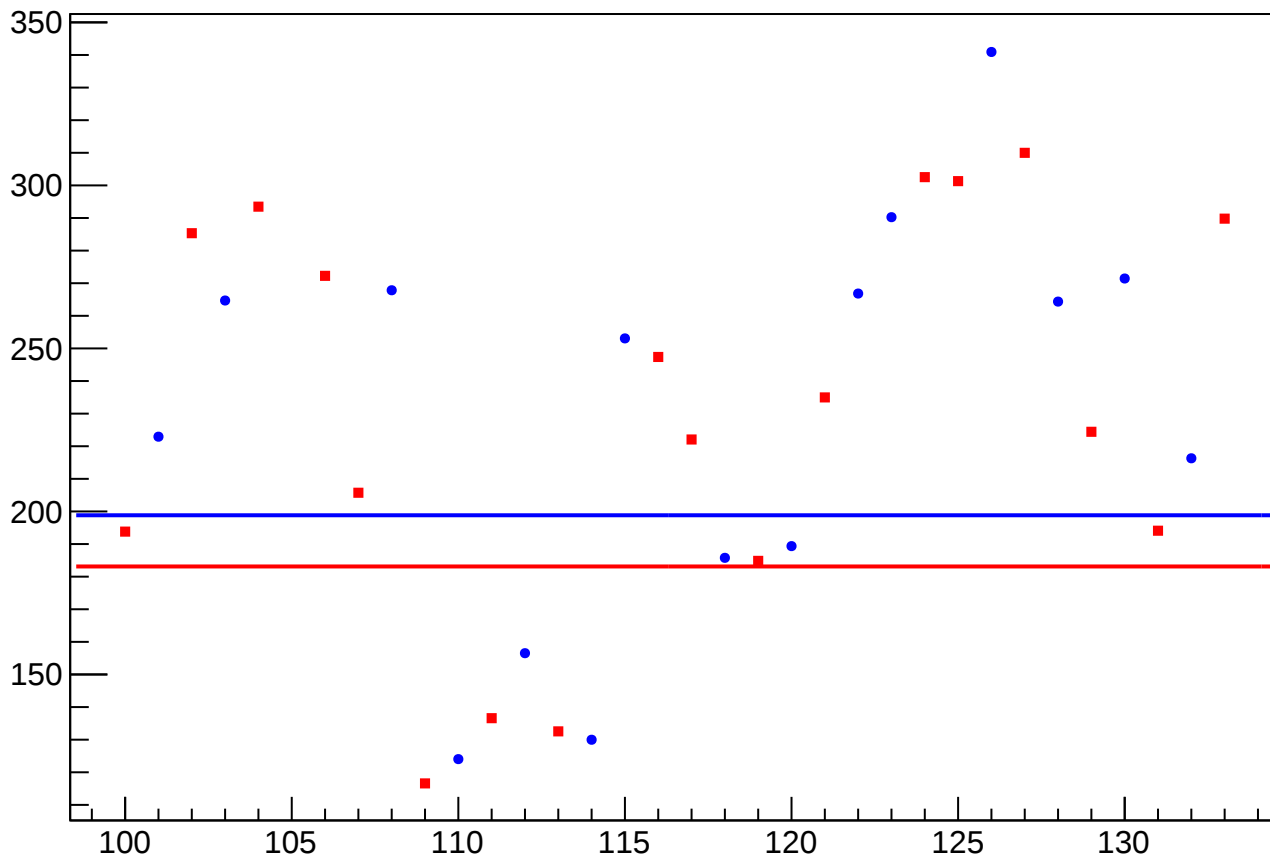
Right Out: -28.036+/-77.786 χ^2/NDF : 7.2/17

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

108.259+/-88.355 χ^2/NDF : 6.4/14

-28.036+/-77.786 χ^2/NDF : 7.2/17

asym_bcm_dg_us_rms vs Slug



Right In: 198.829+/-0.062 χ^2/NDF : 843883.8/14

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

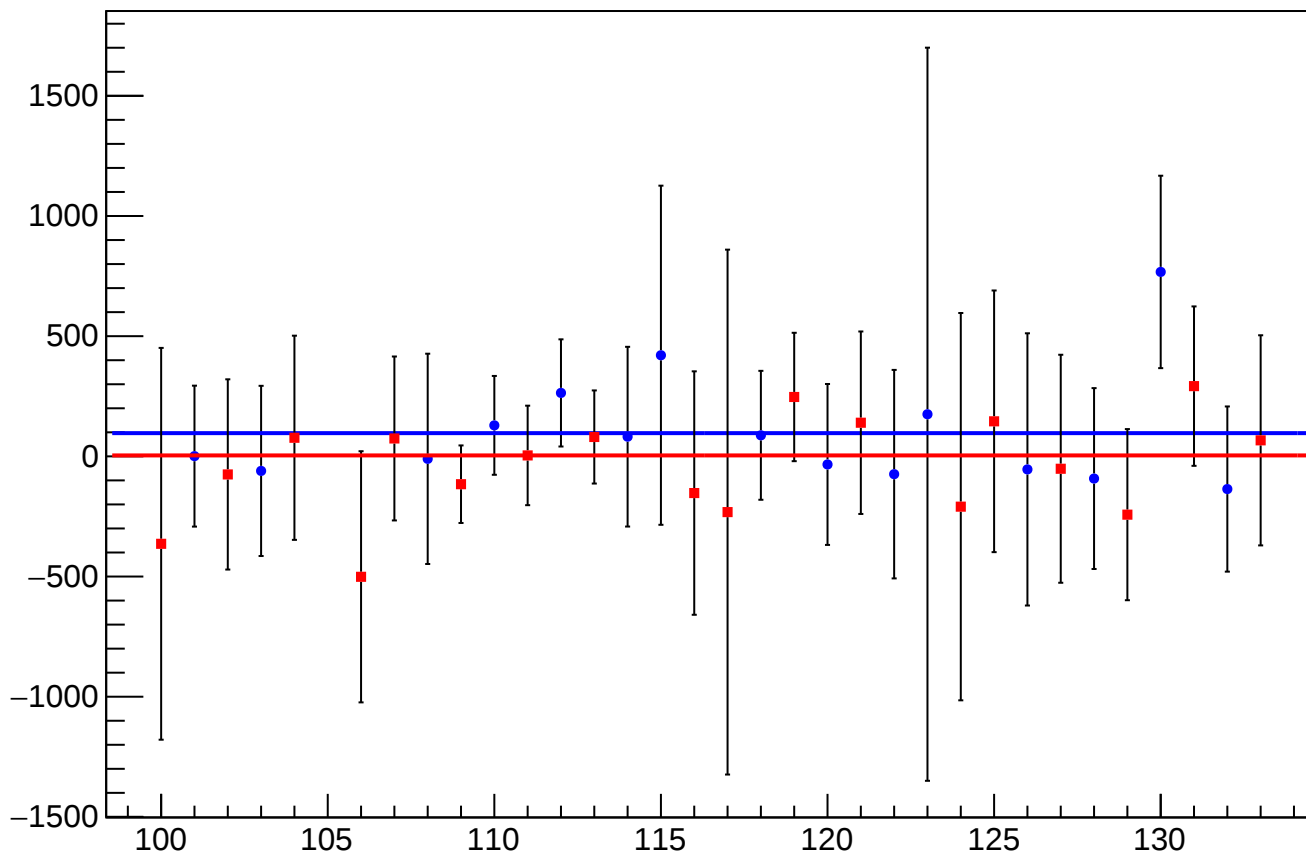
Right Out: 183.125+/-0.055 χ^2/NDF : 1368440.2/17

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

198.829+/-0.062 χ^2/NDF : 843883.8/14

183.125+/-0.055 χ^2/NDF : 1368440.2/17

asym_bcm_dg_ds_mean vs Slug



Right In: 96.616+/-87.291 χ^2/NDF : 5.1/14

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

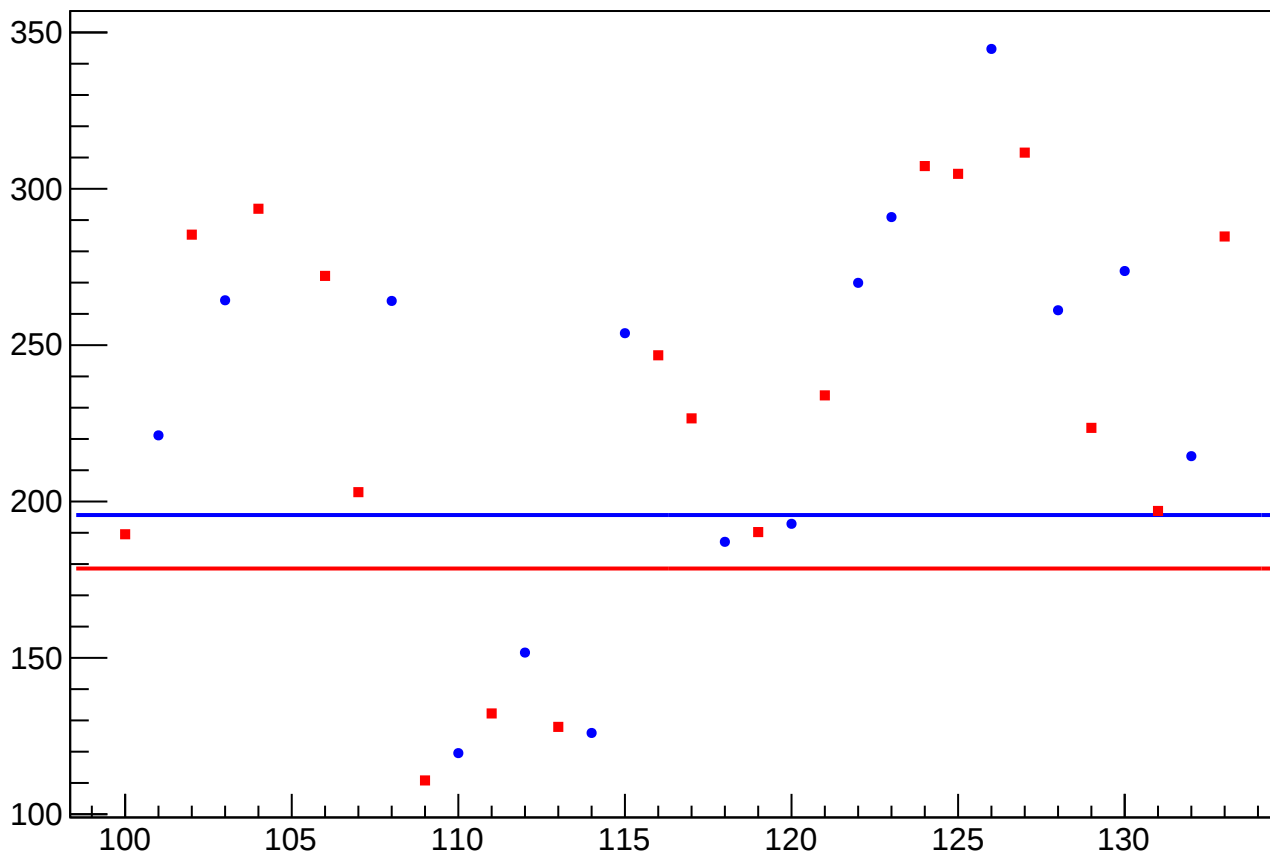
Right Out: 3.911+/-76.384 χ^2/NDF : 4.5/17

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

96.616+/-87.291 χ^2/NDF : 5.1/14

3.911+/-76.384 χ^2/NDF : 4.5/17

asym_bcm_dg_ds_rms vs Slug



Right In: 195.676+/-0.062 χ^2/NDF : 924283.9/14

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

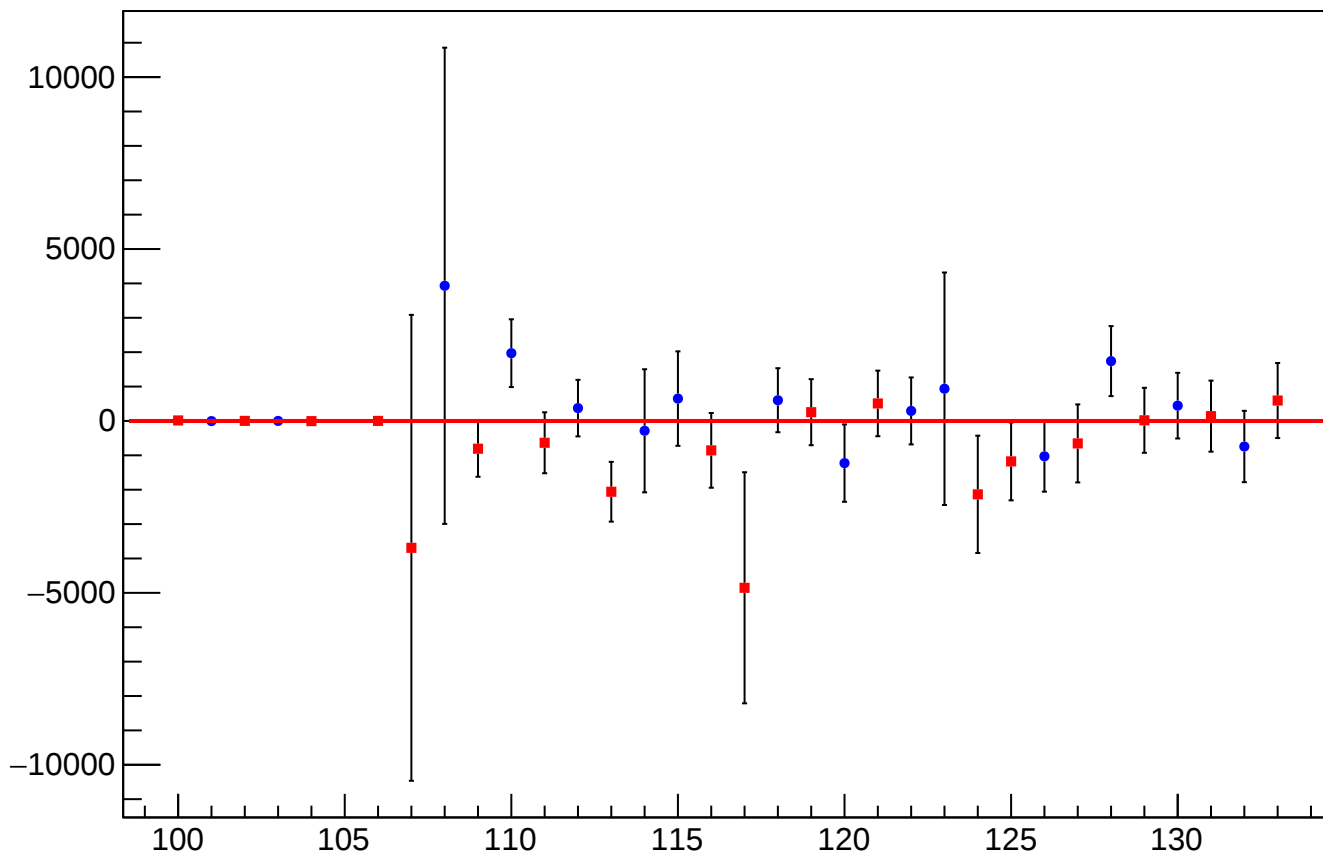
Right Out: 178.573+/-0.054 χ^2/NDF : 1515386.6/17

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

195.676+/-0.062 χ^2/NDF : 924283.9/14

178.573+/-0.054 χ^2/NDF : 1515386.6/17

asym_cav4bQ_mean vs Slug



Right In: -1.502+/-2.251 χ^2/NDF : 12.5/14

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

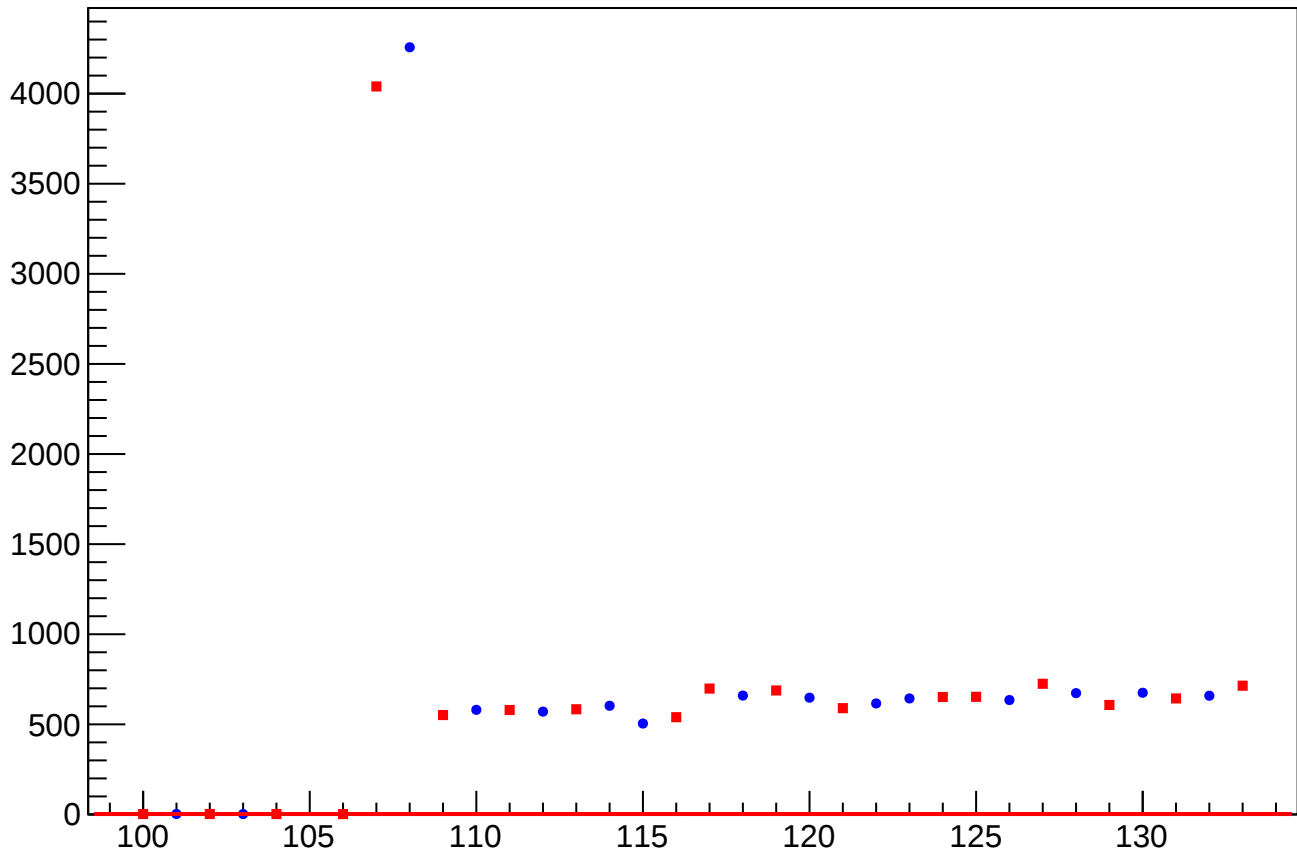
Right Out: -0.741+/-2.111 χ^2/NDF : 19.7/17

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

-1.502+/-2.251 χ^2/NDF : 12.5/14

-0.741+/-2.111 χ^2/NDF : 19.7/17

asym_cav4bQ_rms vs Slug



Right In: 2.444+/-0.002 χ^2/NDF : 8842223.4/14

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

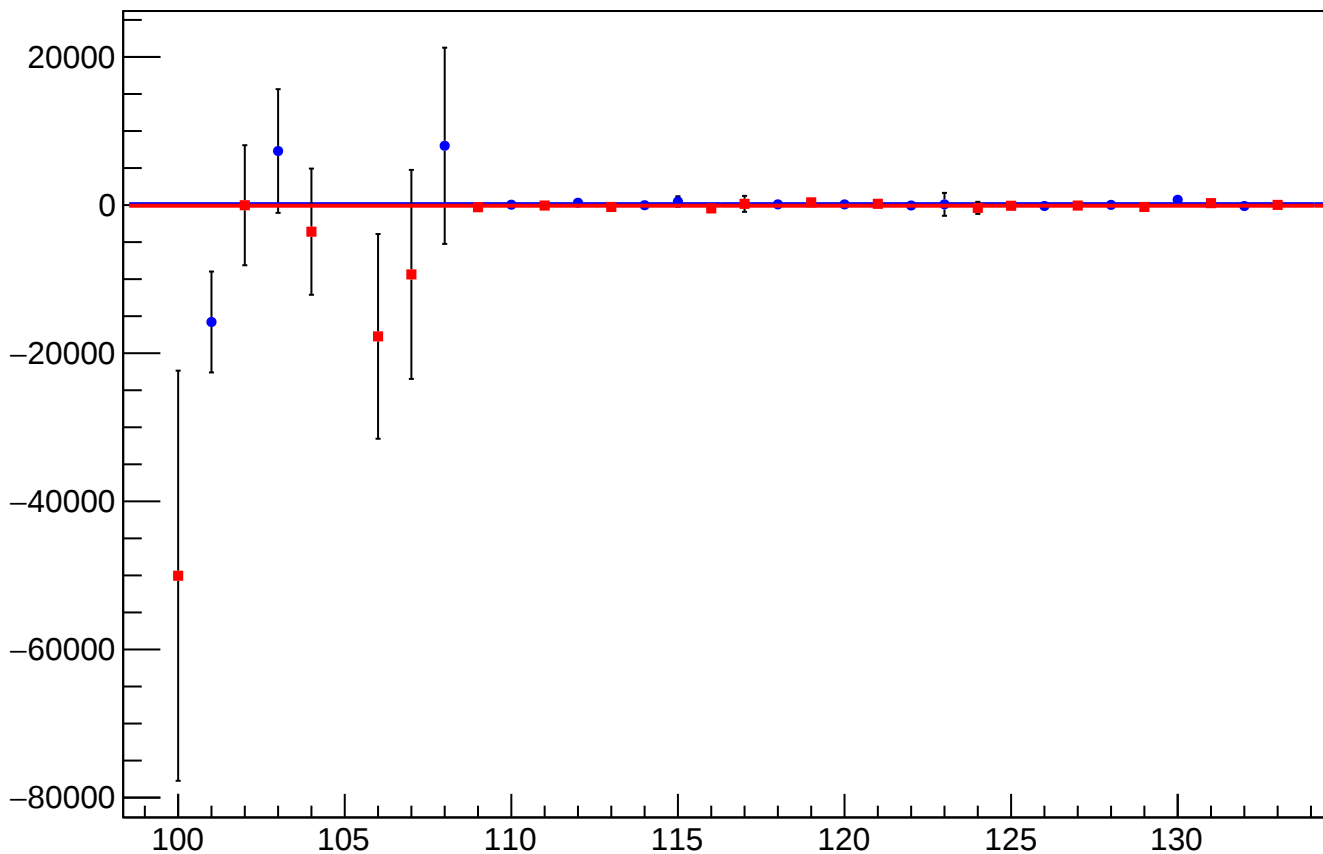
Right Out: 2.429+/-0.001 χ^2/NDF : 9924754.5/17

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

2.444+/-0.002 χ^2/NDF : 8842223.4/14

2.429+/-0.001 χ^2/NDF : 9924754.5/17

asym_cav4cQ_mean vs Slug



Right In: 126.560 $\pm$ 99.471 χ^2 /NDF: 10.8/14

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

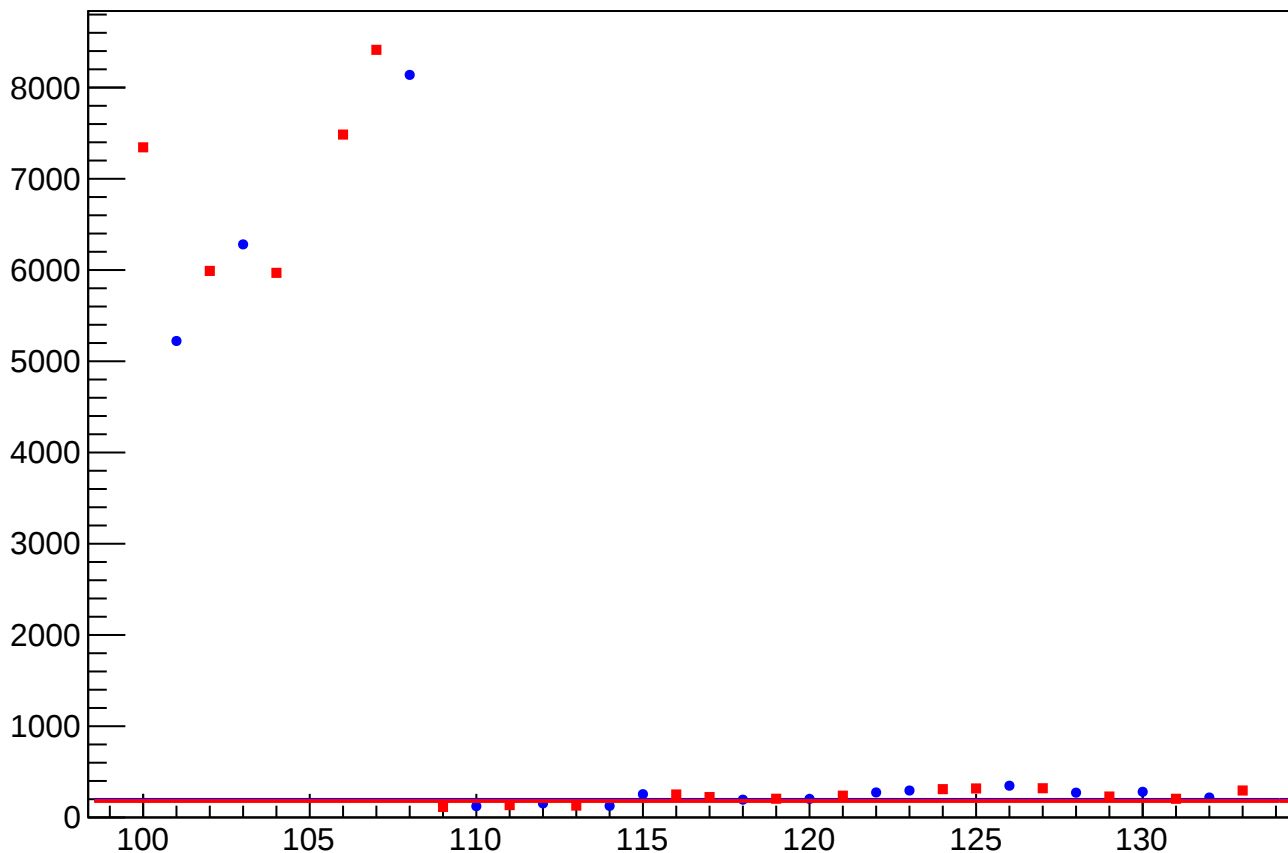
Right Out: -84.906 $\pm$ 91.340 χ^2 /NDF: 12.0/17

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

126.560 $\pm$ 99.471 χ^2 /NDF: 10.8/14

-84.906 $\pm$ 91.340 χ^2 /NDF: 12.0/17

asym_cav4cQ_rms vs Slug



Right In: 191.741+/-0.070 χ^2/NDF : 3634187.4/14

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

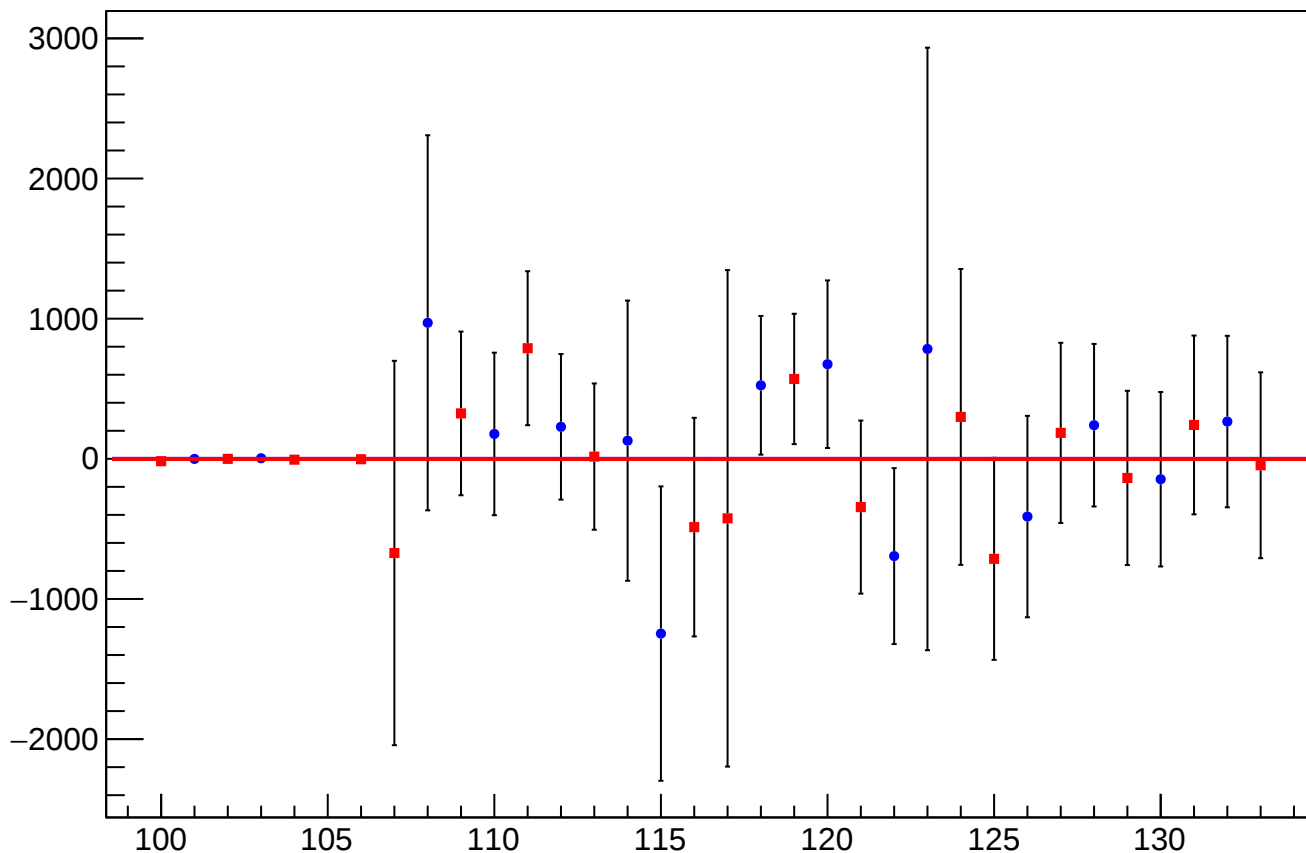
Right Out: 181.001+/-0.065 χ^2/NDF : 4313702.4/17

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

191.741+/-0.070 χ^2/NDF : 3634187.4/14

181.001+/-0.065 χ^2/NDF : 4313702.4/17

asym_cav4dQ_mean vs Slug



Right In: -0.149+/-1.737 χ^2 /NDF: 7.6/14

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

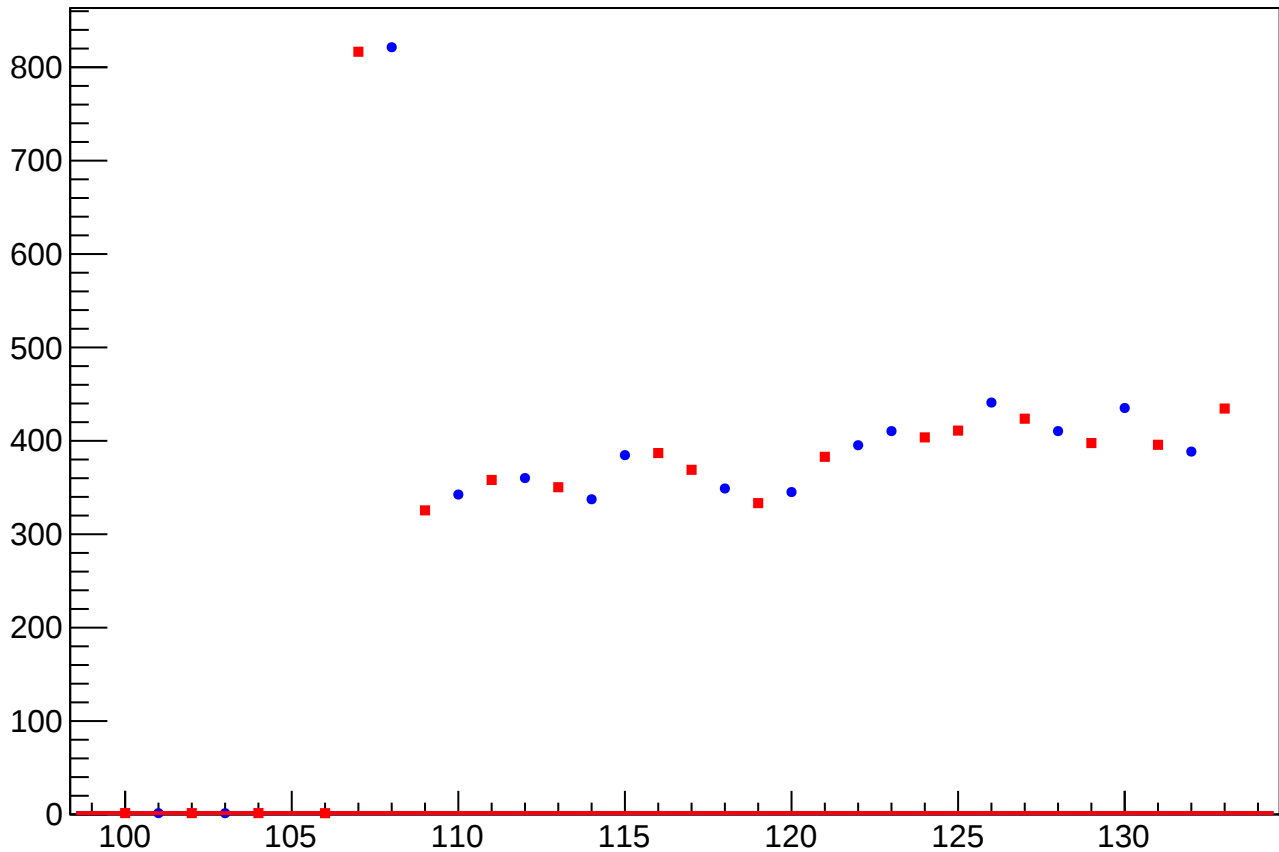
Right Out: -1.325+/-1.623 χ^2 /NDF: 9.0/17

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

-0.149+/-1.737 χ^2 /NDF: 7.6/14

-1.325+/-1.623 χ^2 /NDF: 9.0/17

asym_cav4dQ_rms vs Slug



Right In: 1.445+/-0.001 χ^2/NDF : 8913150.5/14

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

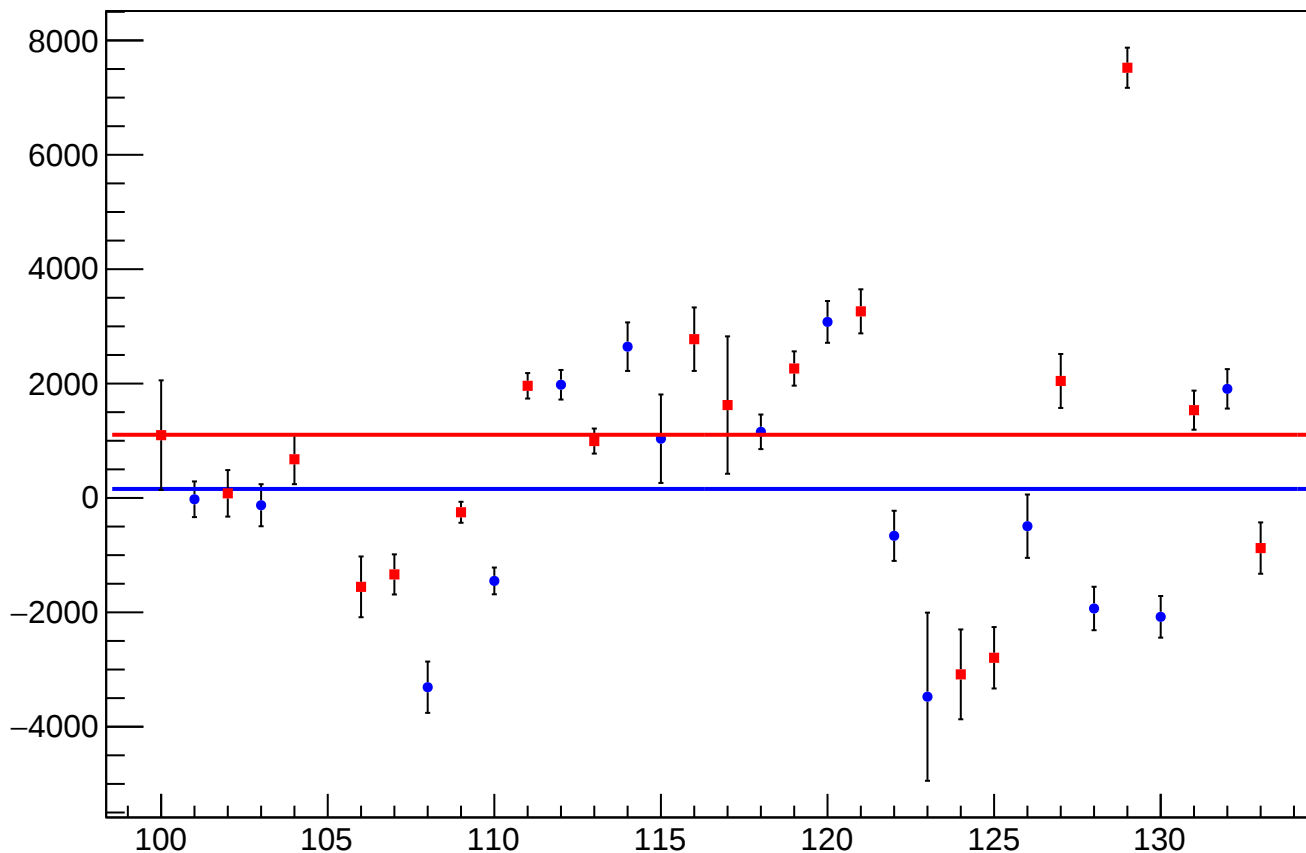
Right Out: 1.447+/-0.001 χ^2/NDF : 9646384.7/17

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

1.445+/-0.001 χ^2/NDF : 8913150.5/14

1.447+/-0.001 χ^2/NDF : 9646384.7/17

asym_bcm0l02_mean vs Slug



Right In: 157.589+/-93.939 χ^2/NDF : 372.7/14

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

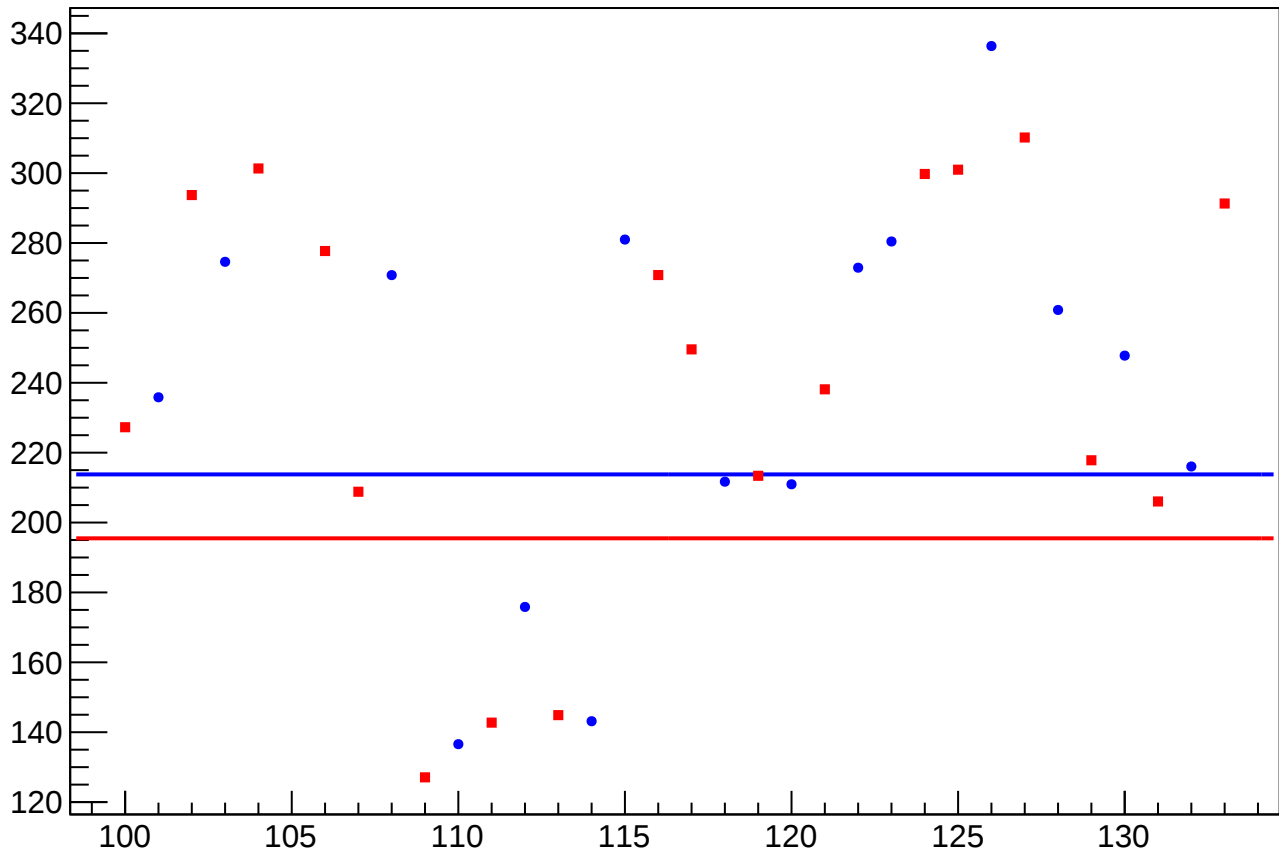
Right Out: 1104.849+/-82.246 χ^2/NDF : 646.4/17

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

157.589+/-93.939 χ^2/NDF : 372.7/14

1104.849+/-82.246 χ^2/NDF : 646.4/17

asym_bcm0l02_rms vs Slug



Right In: 213.779 $\pm$ 0.066 χ^2 /NDF: 615453.6/14

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

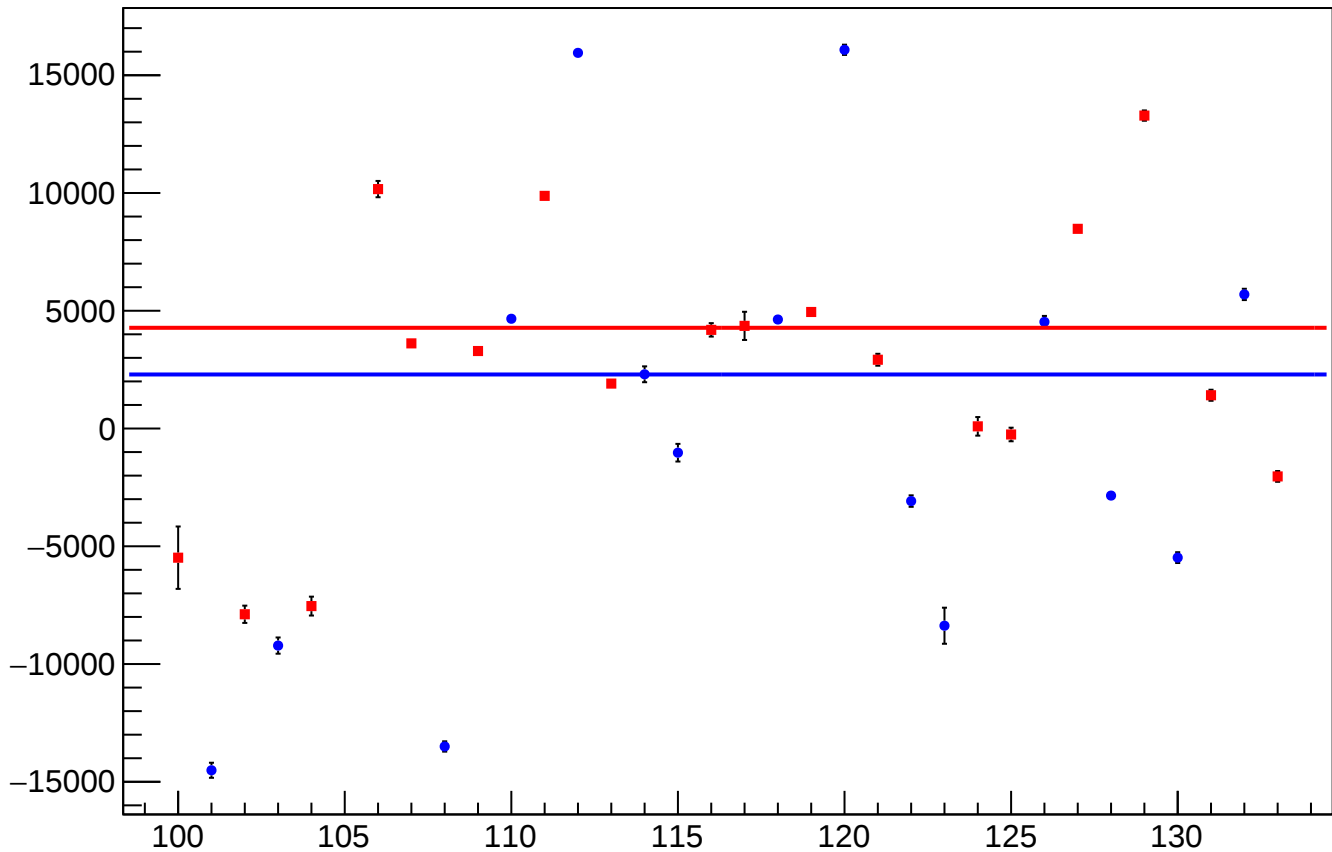
213.779 $\pm$ 0.066 χ^2 /NDF: 615453.6/14

Right Out: 195.486 $\pm$ 0.058 χ^2 /NDF: 1189366.4/17

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

195.486 $\pm$ 0.058 χ^2 /NDF: 1189366.4/17

asym_bpm0i02WS_mean vs Slug



Right In: 2294.565+/-60.204 χ^2/NDF : 22621.9/14

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

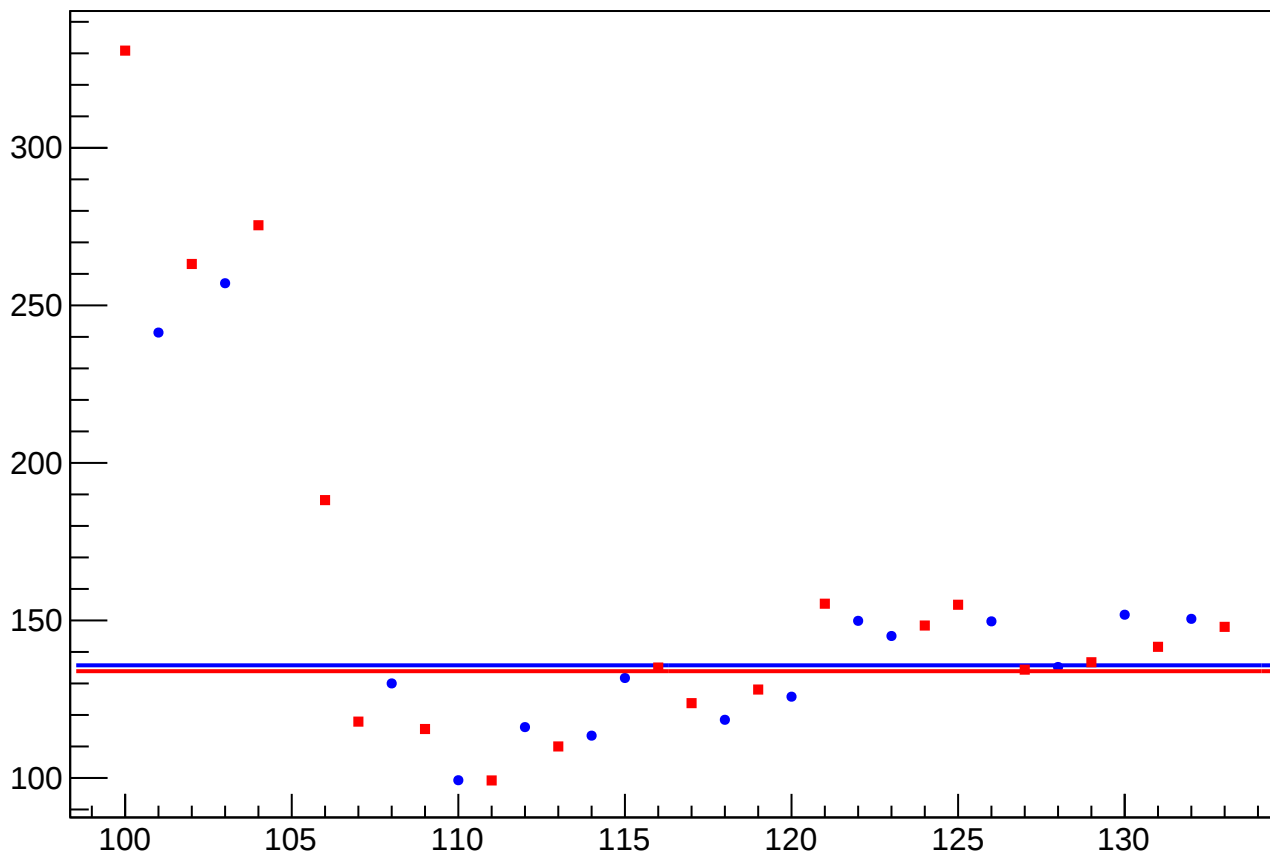
Right Out: 4276.545+/-55.558 χ^2/NDF : 7266.6/17

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

2294.565+/-60.204 χ^2/NDF : 22621.9/14

4276.545+/-55.558 χ^2/NDF : 7266.6/17

asym_bpm0i02WS_rms vs Slug



Right In: 135.759+/-0.043 χ^2/NDF : 649777.0/14

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

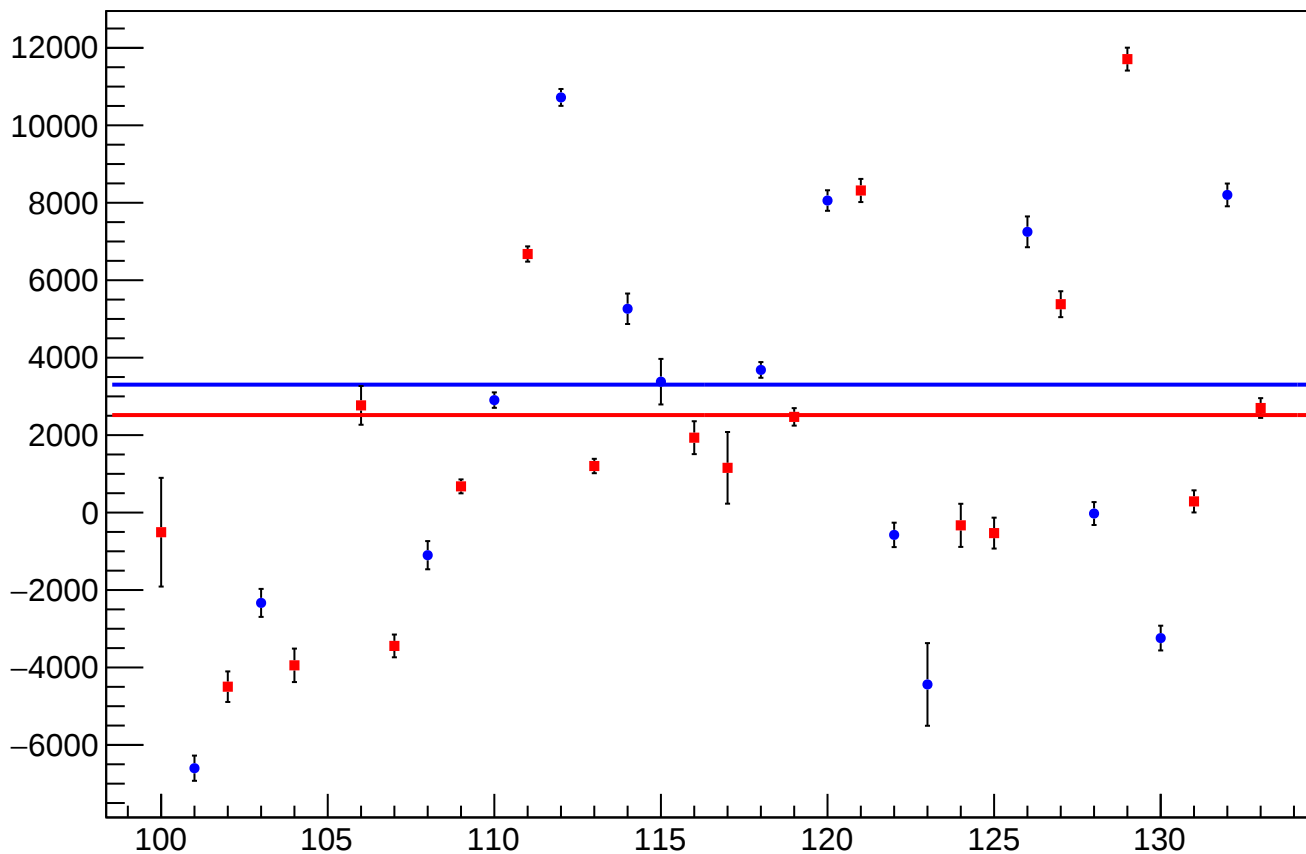
Right Out: 133.895+/-0.039 χ^2/NDF : 809838.2/17

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

135.759+/-0.043 χ^2/NDF : 649777.0/14

133.895+/-0.039 χ^2/NDF : 809838.2/17

asym_bpm0i02aWS_mean vs Slug



Right In: 3303.373+/-76.971 χ^2/NDF : 3954.5/14

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

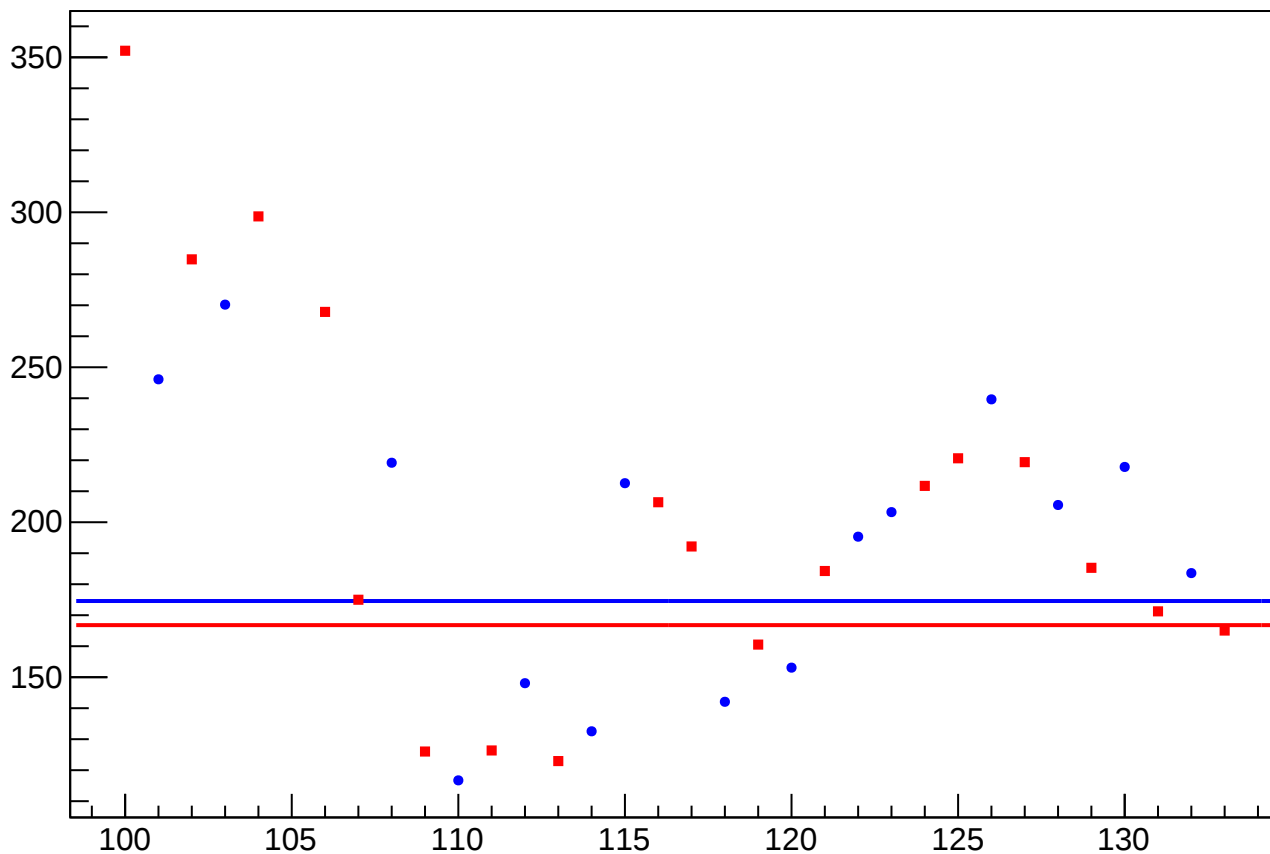
Right Out: 2517.859+/-69.255 χ^2/NDF : 3121.5/17

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

3303.373+/-76.971 χ^2/NDF : 3954.5/14

2517.859+/-69.255 χ^2/NDF : 3121.5/17

asym_bpm0i02aWS_rms vs Slug



Right In: 174.583+/-0.054 χ^2/NDF : 684200.8/14

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

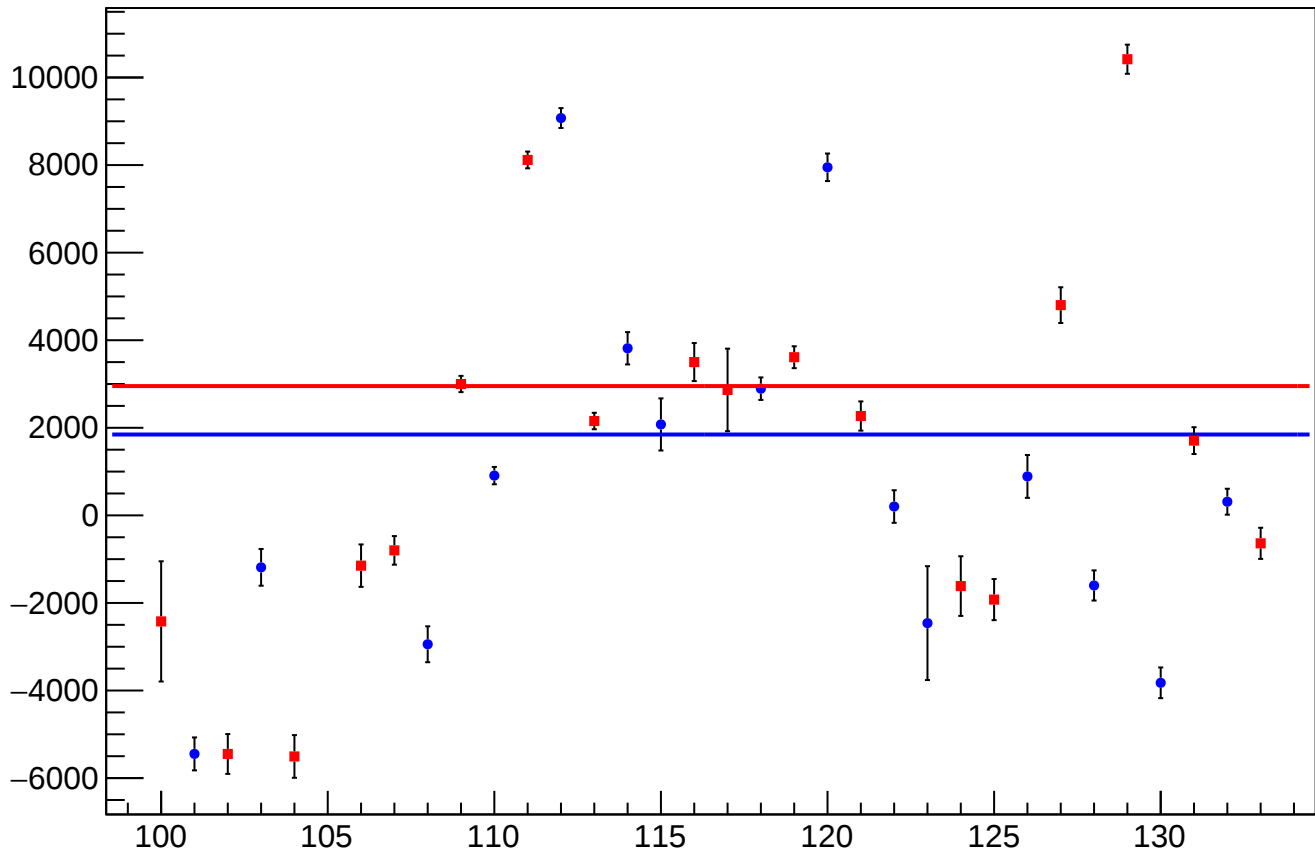
Right Out: 166.802+/-0.049 χ^2/NDF : 915875.4/17

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

174.583+/-0.054 χ^2/NDF : 684200.8/14

166.802+/-0.049 χ^2/NDF : 915875.4/17

asym_bpm0i05WS_mean vs Slug



Right In: 1846.728 $\pm$ 84.851 χ^2 /NDF: 2443.0/14

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

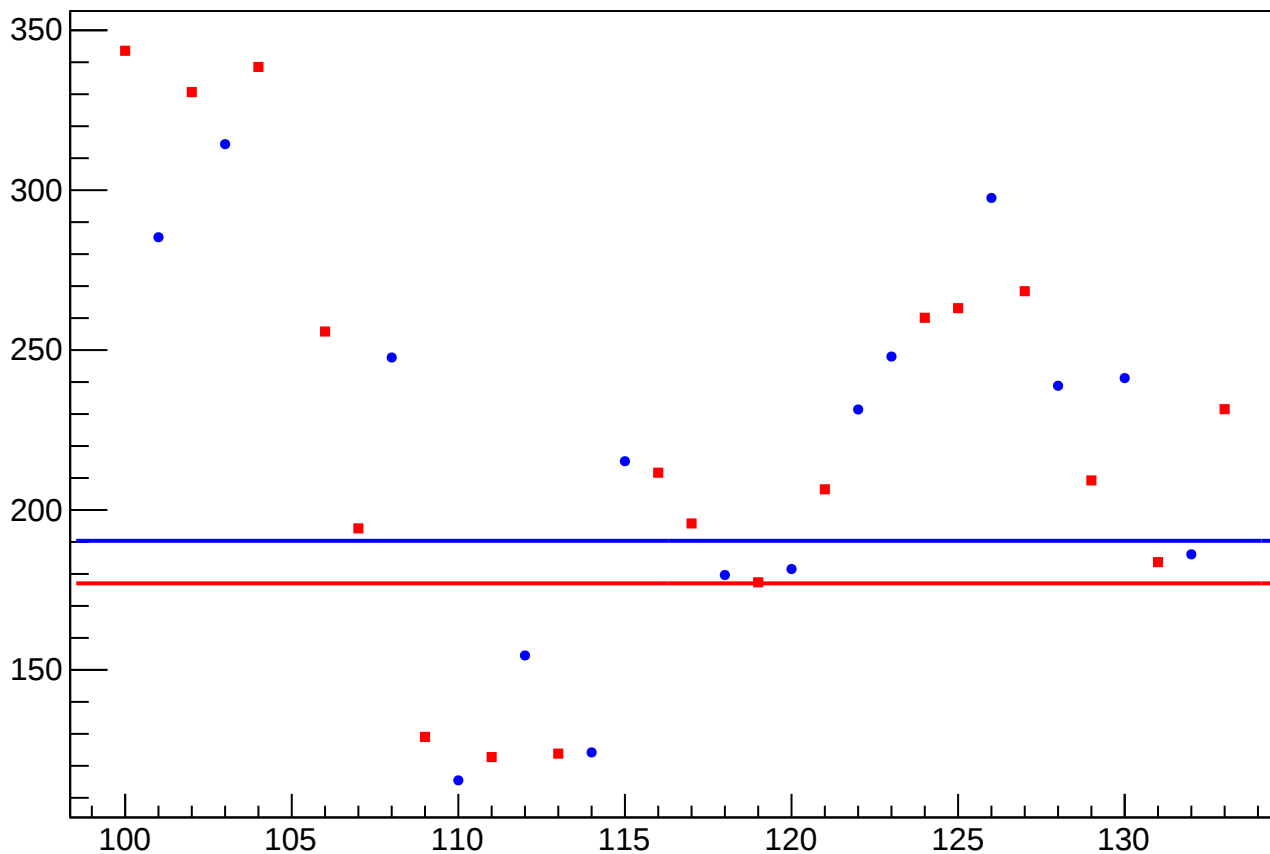
Right Out: 2952.597 $\pm$ 74.587 χ^2 /NDF: 2414.9/17

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

1846.728 $\pm$ 84.851 χ^2 /NDF: 2443.0/14

2952.597 $\pm$ 74.587 χ^2 /NDF: 2414.9/17

asym_bpm0i05WS_rms vs Slug



Right In: 190.364+/-0.060 χ^2/NDF : 956131.4/14

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

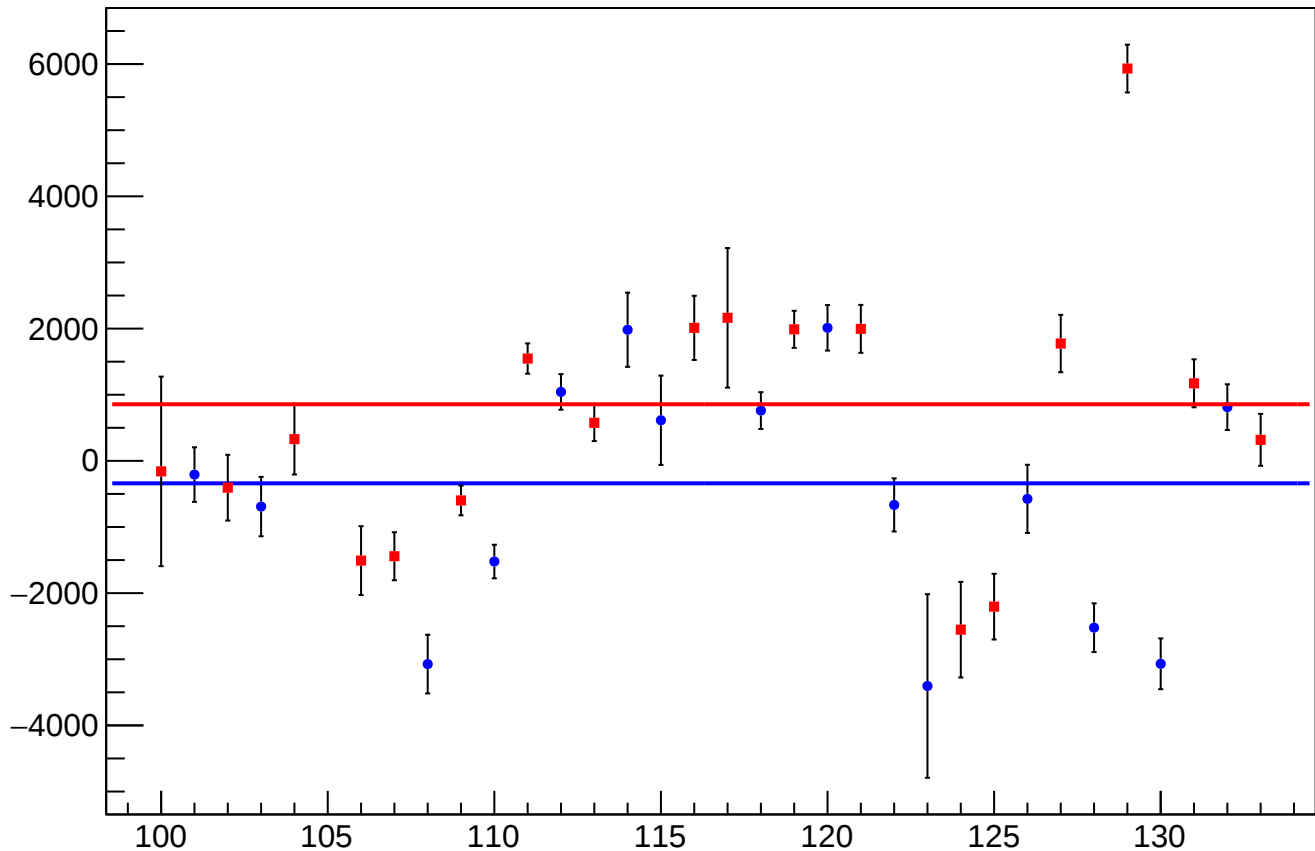
Right Out: 177.063+/-0.053 χ^2/NDF : 1284043.8/17

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

190.364+/-0.060 χ^2/NDF : 956131.4/14

177.063+/-0.053 χ^2/NDF : 1284043.8/17

asym_bpm0i07WS_mean vs Slug



Right In: -339.636+/-97.586 χ^2/NDF : 270.7/14

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

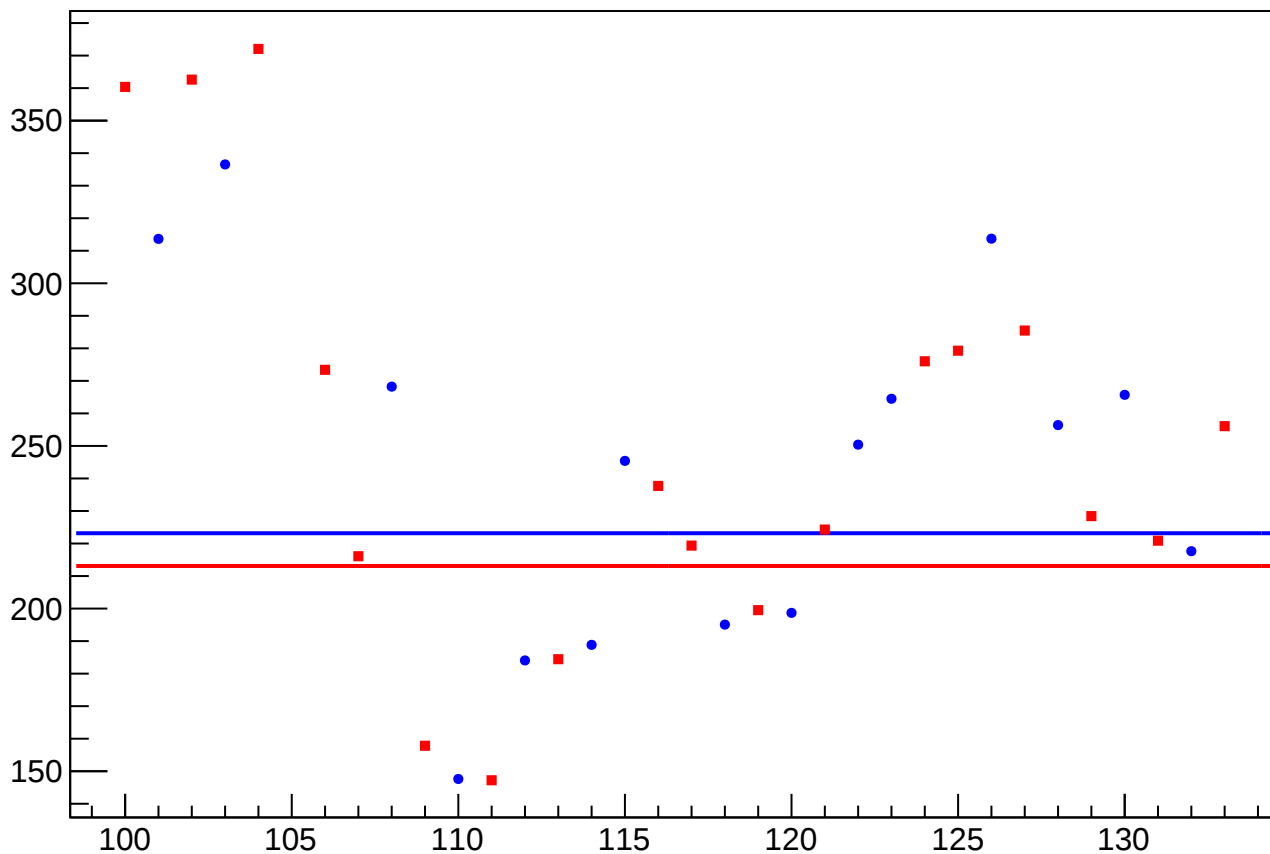
Right Out: 855.814+/-87.744 χ^2/NDF : 418.9/17

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

-339.636+/-97.586 χ^2/NDF : 270.7/14

855.814+/-87.744 χ^2/NDF : 418.9/17

asym_bpm0i07WS_rms vs Slug



Right In: 223.164+/-0.069 χ^2/NDF : 617967.4/14

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

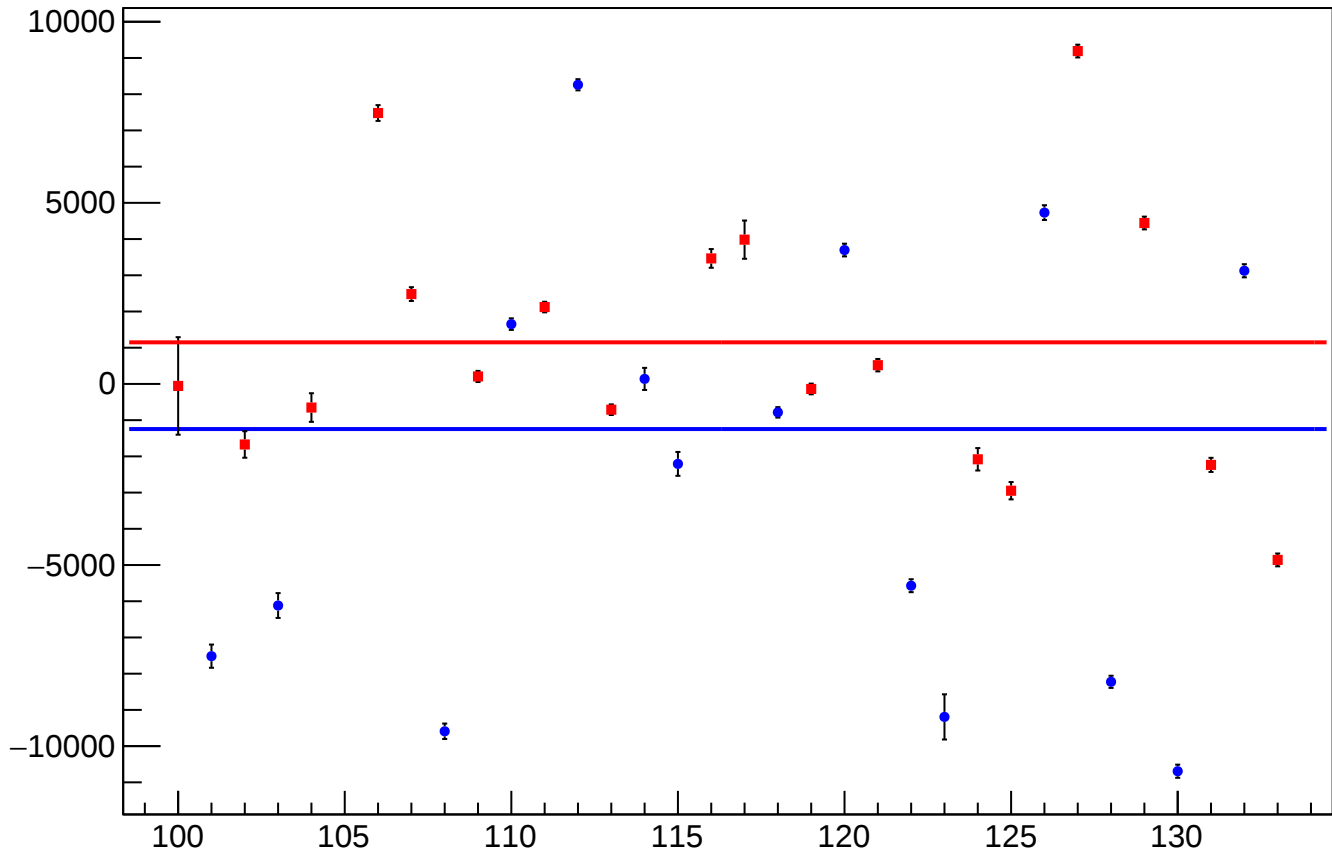
Right Out: 213.093+/-0.062 χ^2/NDF : 861113.2/17

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

223.164+/-0.069 χ^2/NDF : 617967.4/14

213.093+/-0.062 χ^2/NDF : 861113.2/17

asym_bpm1i02WS_mean vs Slug



Right In: -1245.636 $\pm$ 51.609 χ^2 /NDF: 13677.8/14

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

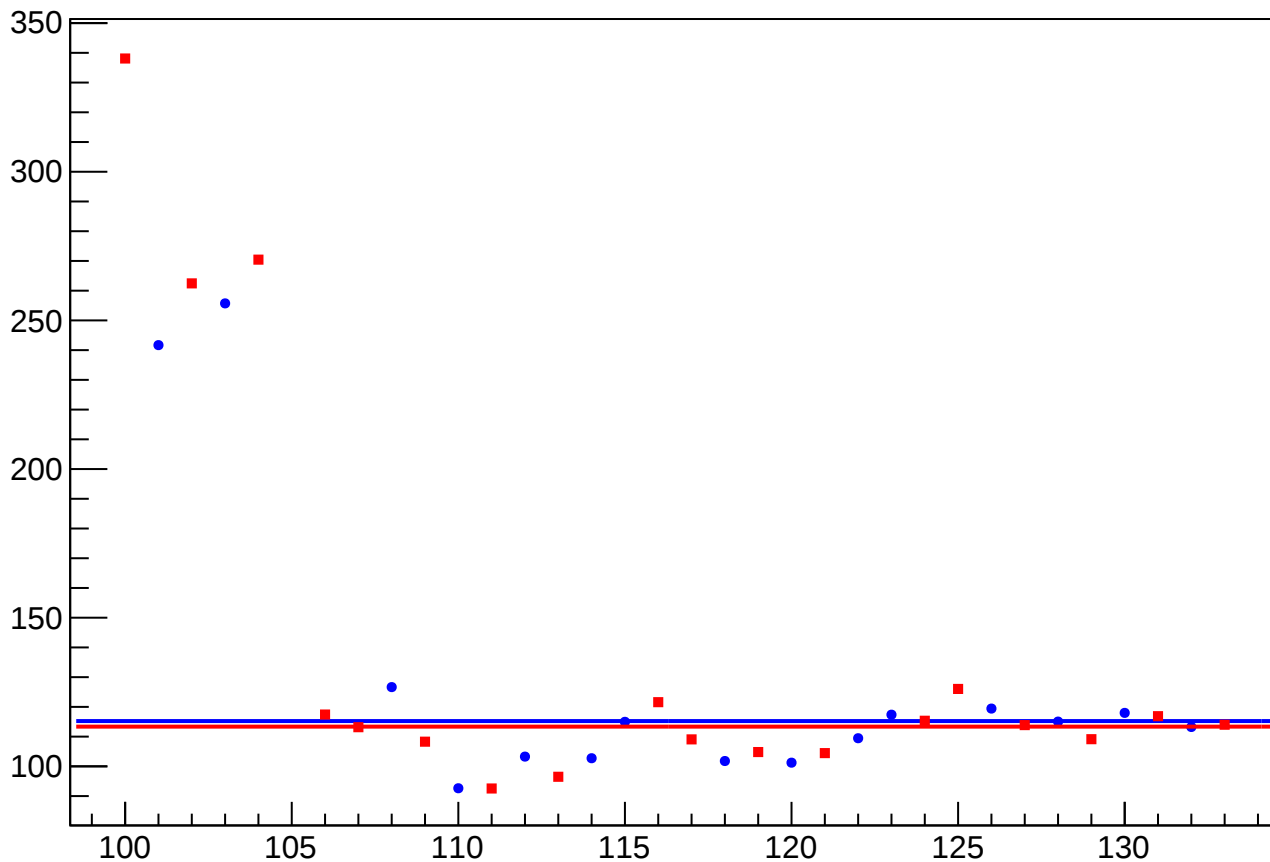
Right Out: 1148.541 $\pm$ 47.282 χ^2 /NDF: 5696.7/17

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

-1245.636 $\pm$ 51.609 χ^2 /NDF: 13677.8/14

1148.541 $\pm$ 47.282 χ^2 /NDF: 5696.7/17

asym_bpm1i02WS_rms vs Slug



Right In: 115.231+/-0.036 χ^2/NDF : 741636.5/14

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

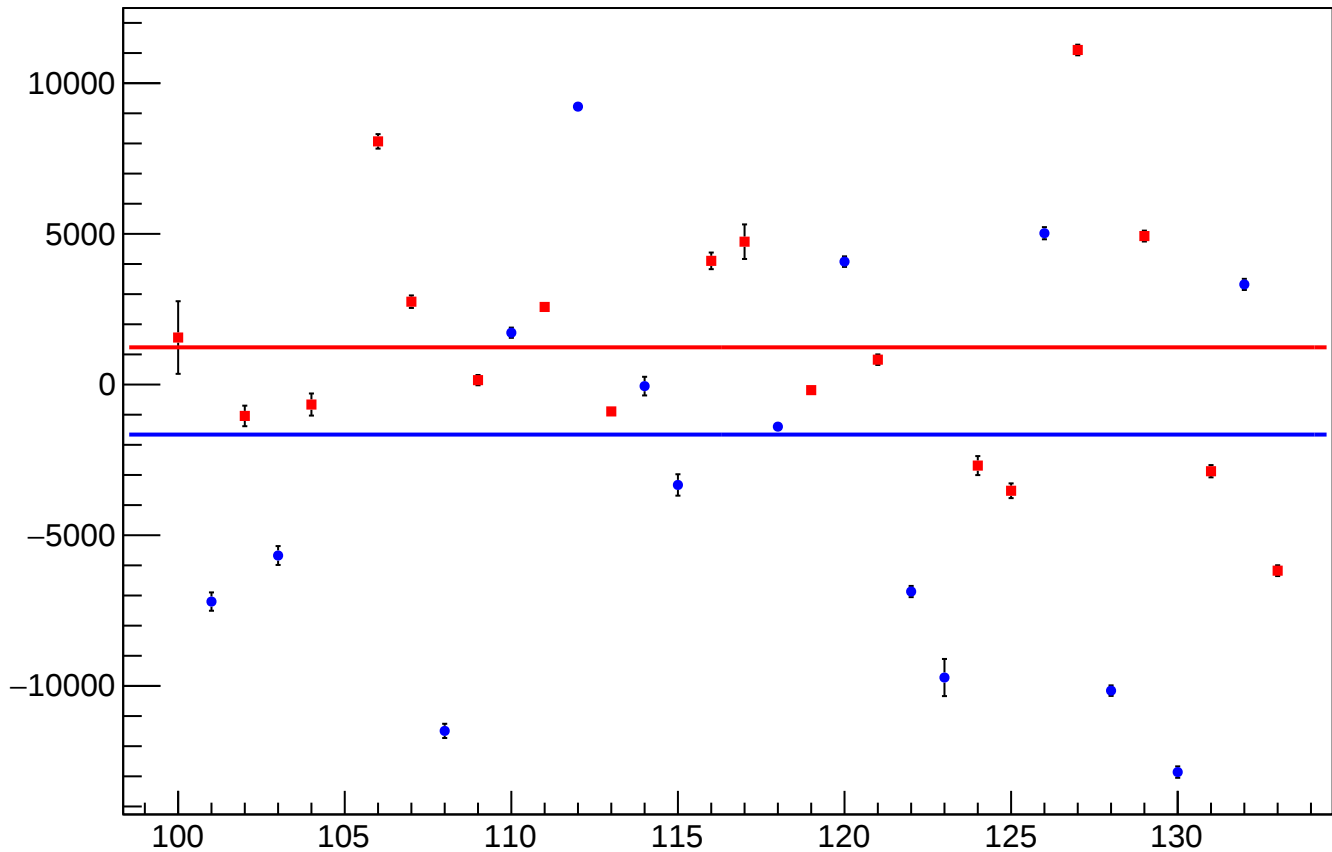
Right Out: 113.362+/-0.033 χ^2/NDF : 795127.7/17

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

115.231+/-0.036 χ^2/NDF : 741636.5/14

113.362+/-0.033 χ^2/NDF : 795127.7/17

asym_bpm2i01WS_mean vs Slug



Right In: -1659.852 ± 53.189 χ^2/NDF : 16852.7/14

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

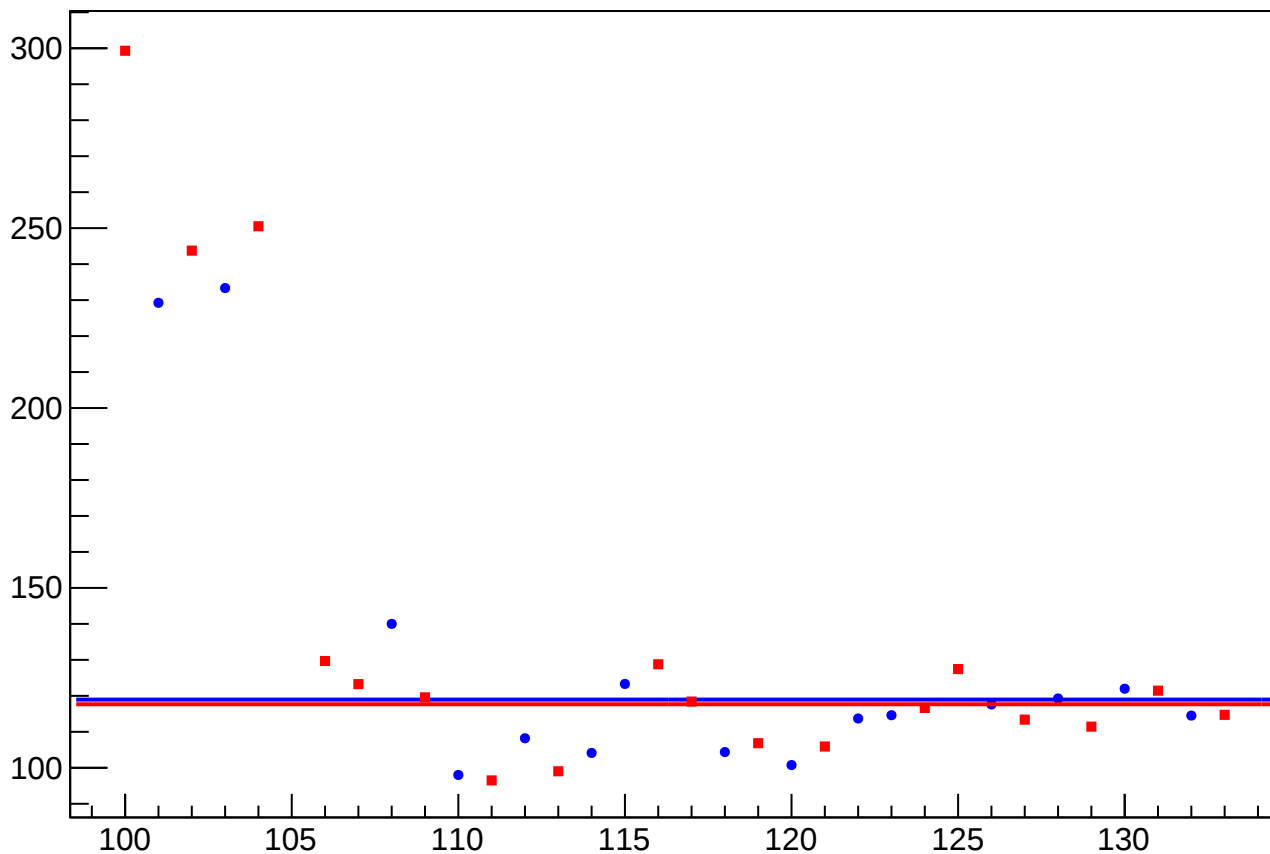
Right Out: 1235.182 ± 49.045 χ^2/NDF : 7689.5/17

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

-1659.852 ± 53.189 χ^2/NDF : 16852.7/14

1235.182 ± 49.045 χ^2/NDF : 7689.5/17

asym_bpm2i01WS_rms vs Slug



Right In: 118.956+/-0.038 χ^2/NDF : 633870.2/14

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

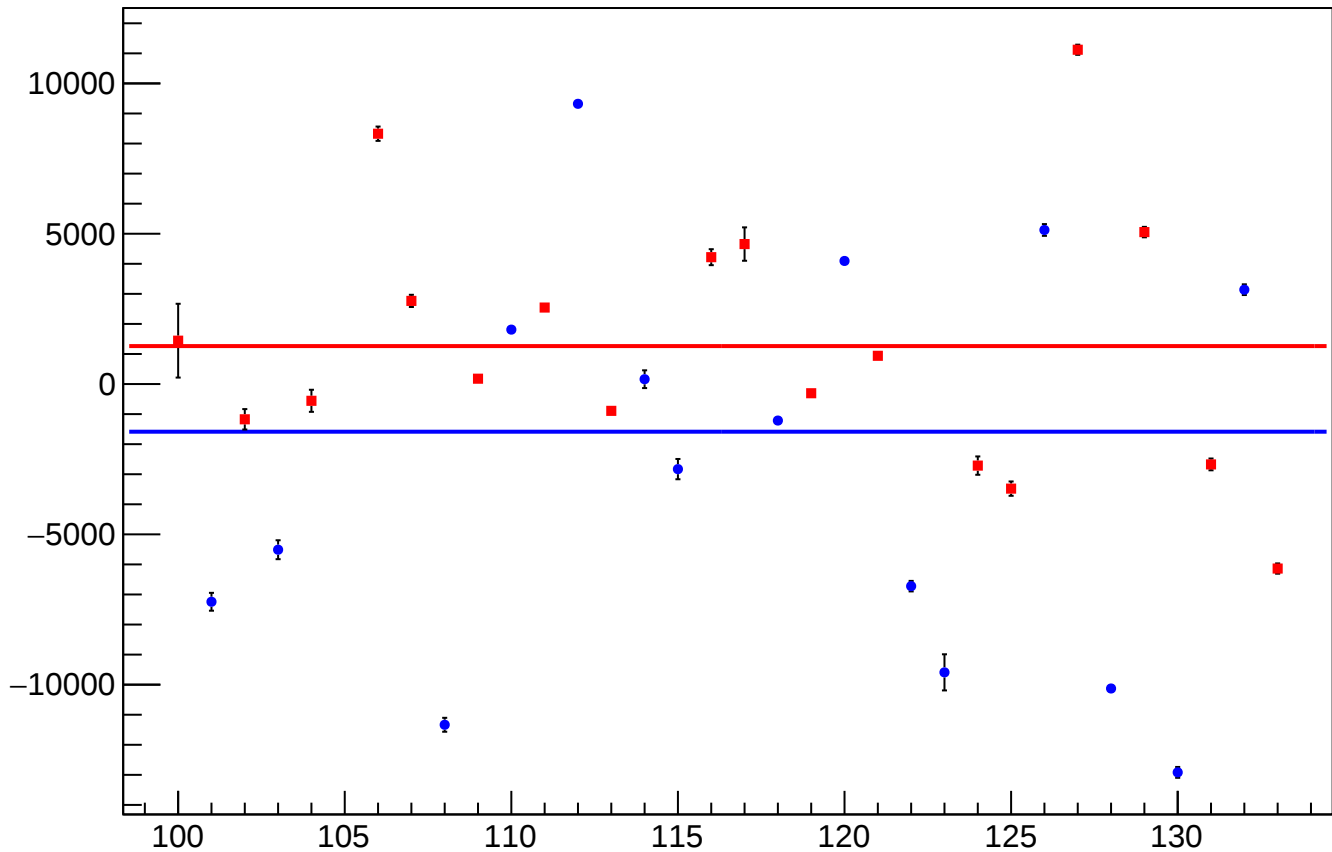
Right Out: 117.660+/-0.035 χ^2/NDF : 687483.0/17

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

118.956+/-0.038 χ^2/NDF : 633870.2/14

117.660+/-0.035 χ^2/NDF : 687483.0/17

asym_bpm2i02WS_mean vs Slug



Right In: -1585.264 ± 51.013 χ^2/NDF : 18329.0/14

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

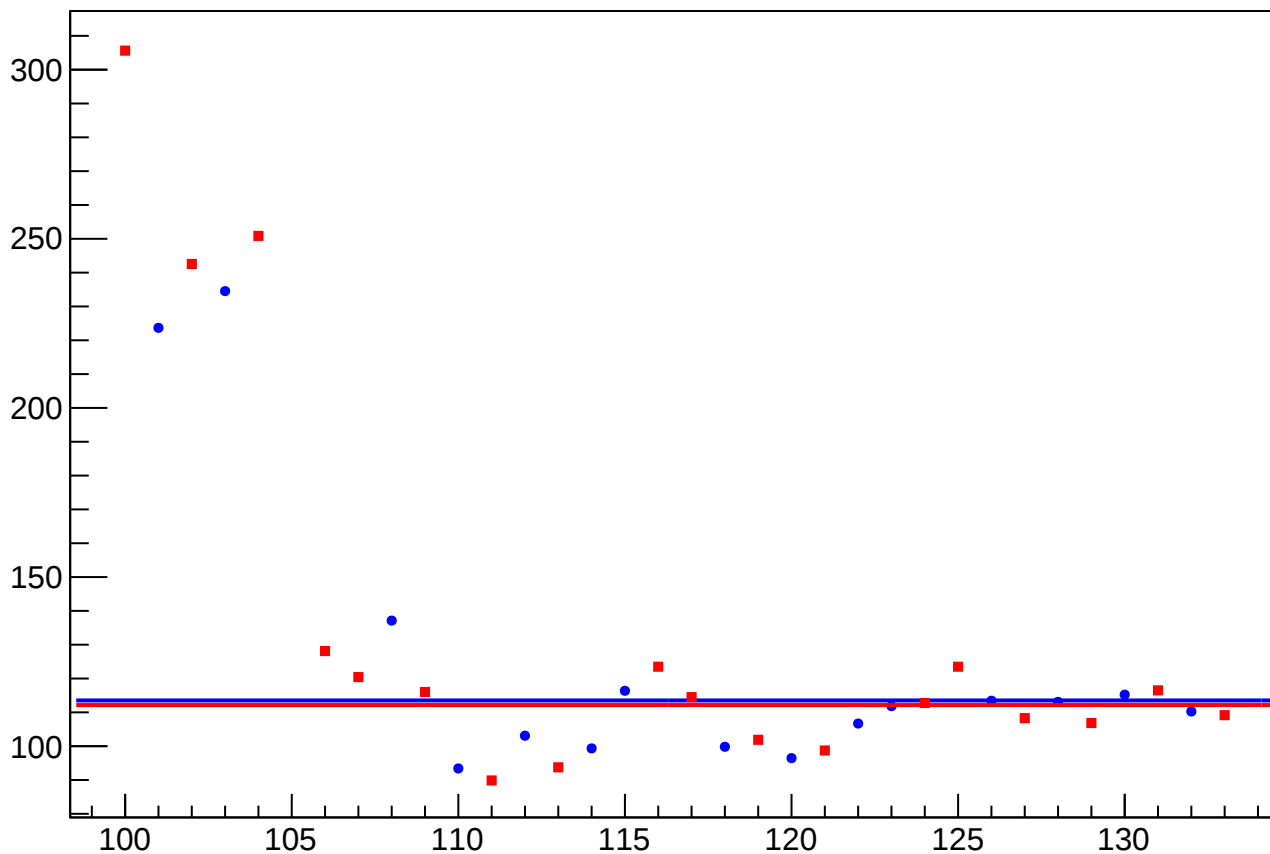
Right Out: 1262.651 ± 47.013 χ^2/NDF : 8377.2/17

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

-1585.264 ± 51.013 χ^2/NDF : 18329.0/14

1262.651 ± 47.013 χ^2/NDF : 8377.2/17

asym_bpm2i02WS_rms vs Slug



Right In: 113.521+/-0.036 χ^2/NDF : 678729.7/14

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

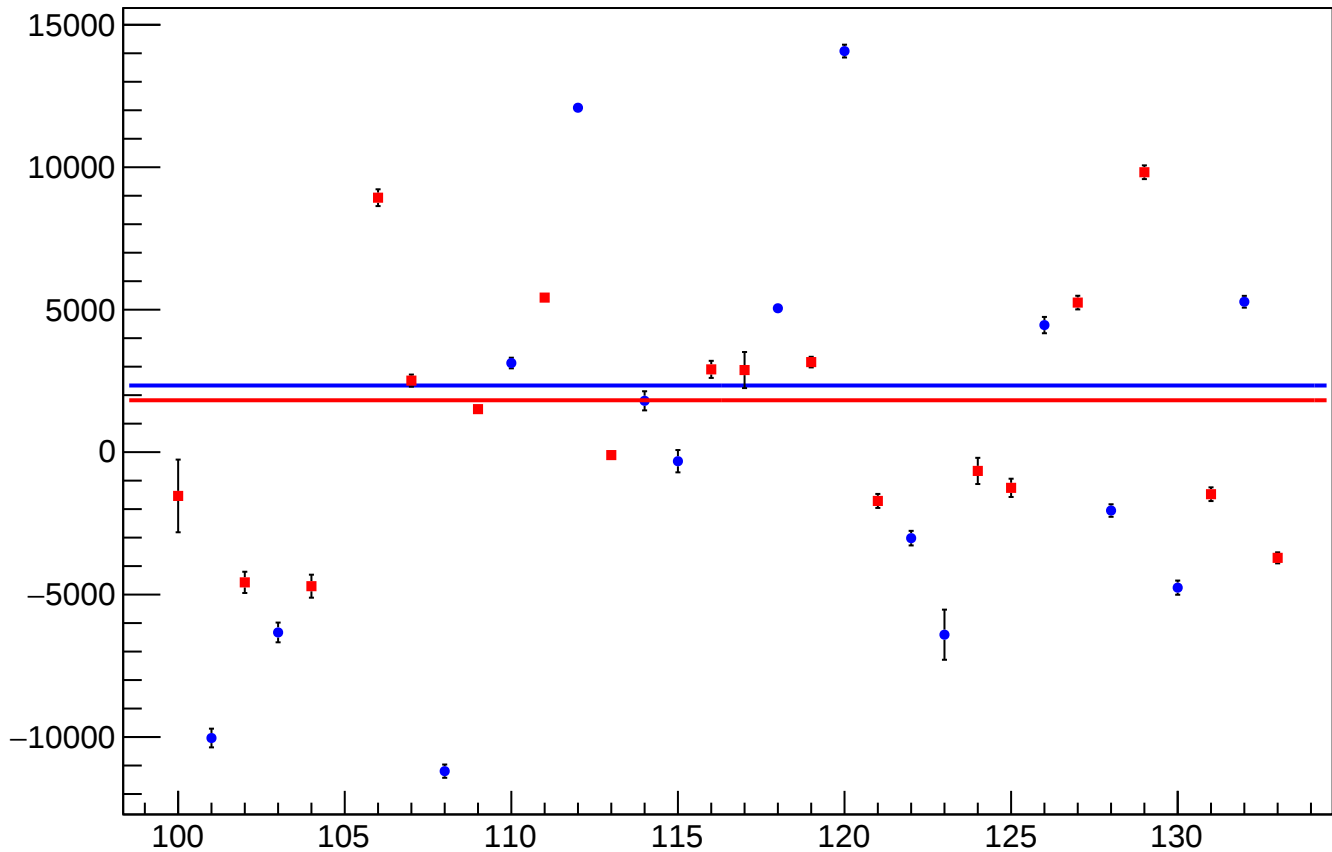
Right Out: 112.162+/-0.033 χ^2/NDF : 761528.7/17

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

113.521+/-0.036 χ^2/NDF : 678729.7/14

112.162+/-0.033 χ^2/NDF : 761528.7/17

asym_bpm0i01WS_mean vs Slug



Right In: 2338.966+/-62.718 χ^2/NDF : 13546.6/14

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

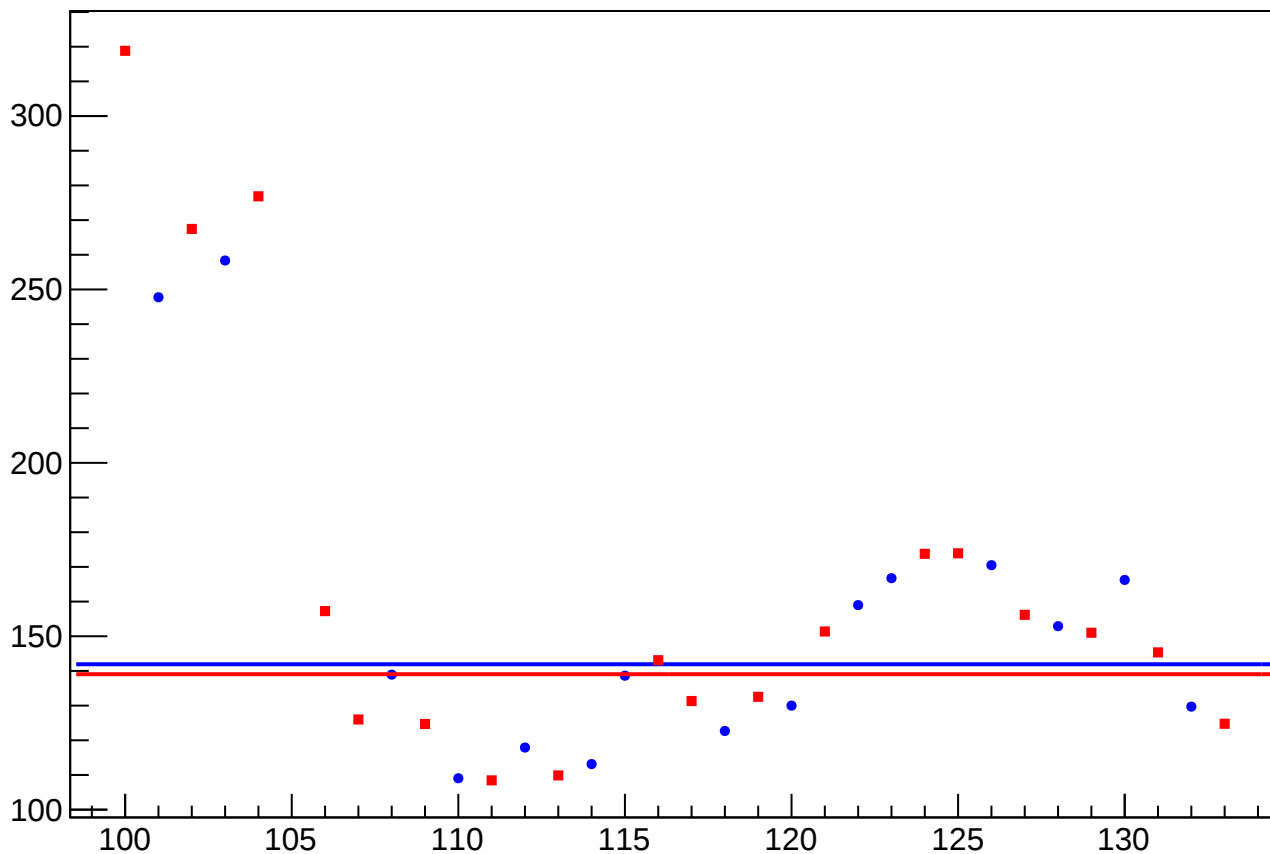
Right Out: 1820.772+/-57.479 χ^2/NDF : 4446.5/17

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

2338.966+/-62.718 χ^2/NDF : 13546.6/14

1820.772+/-57.479 χ^2/NDF : 4446.5/17

asym_bpm0i01WS_rms vs Slug



Right In: 141.926+/-0.044 χ^2/NDF : 639807.2/14

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

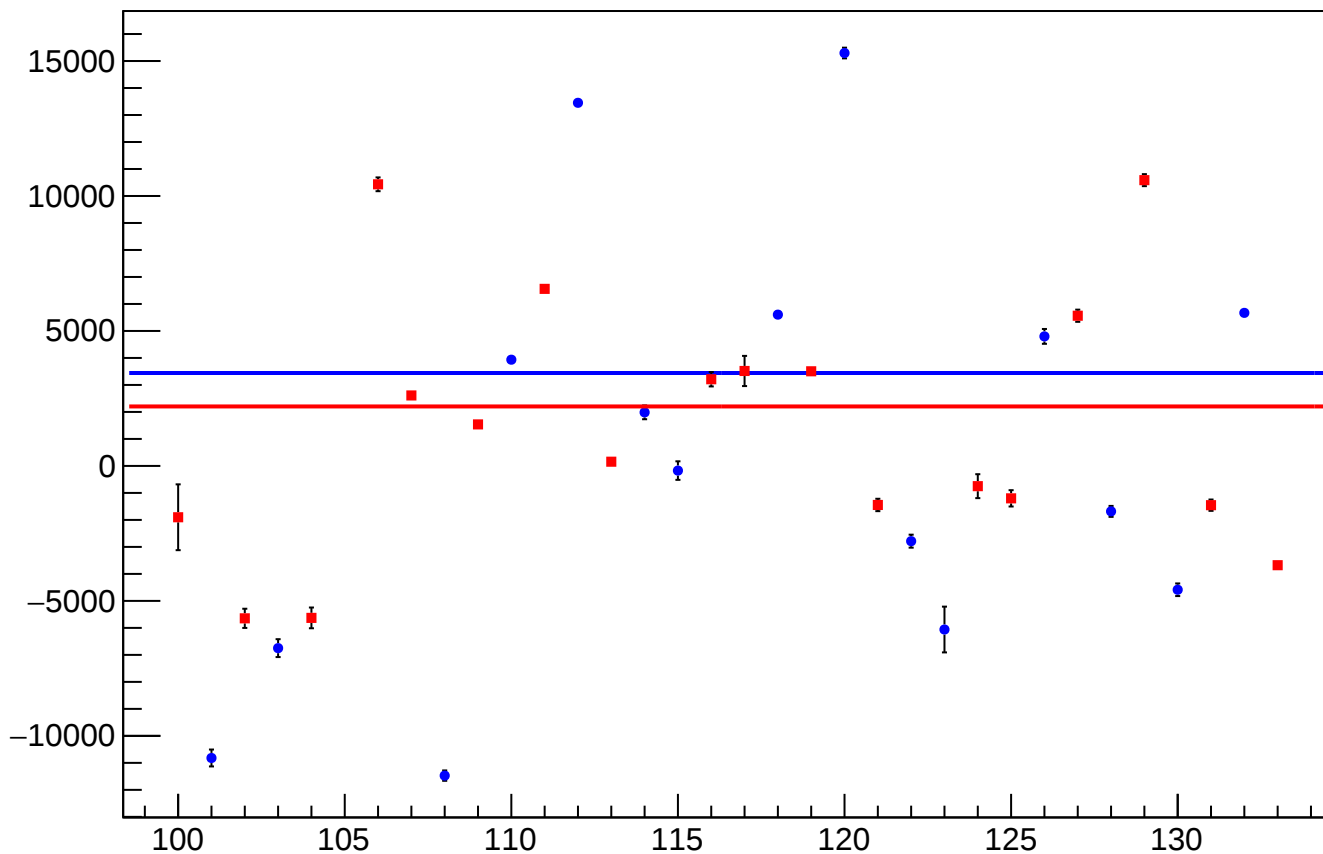
Right Out: 139.051+/-0.041 χ^2/NDF : 735352.3/17

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

141.926+/-0.044 χ^2/NDF : 639807.2/14

139.051+/-0.041 χ^2/NDF : 735352.3/17

asym_bpm0i01aWS_mean vs Slug



Right In: 3442.501+/-52.696 χ^2/NDF : 21486.2/14

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

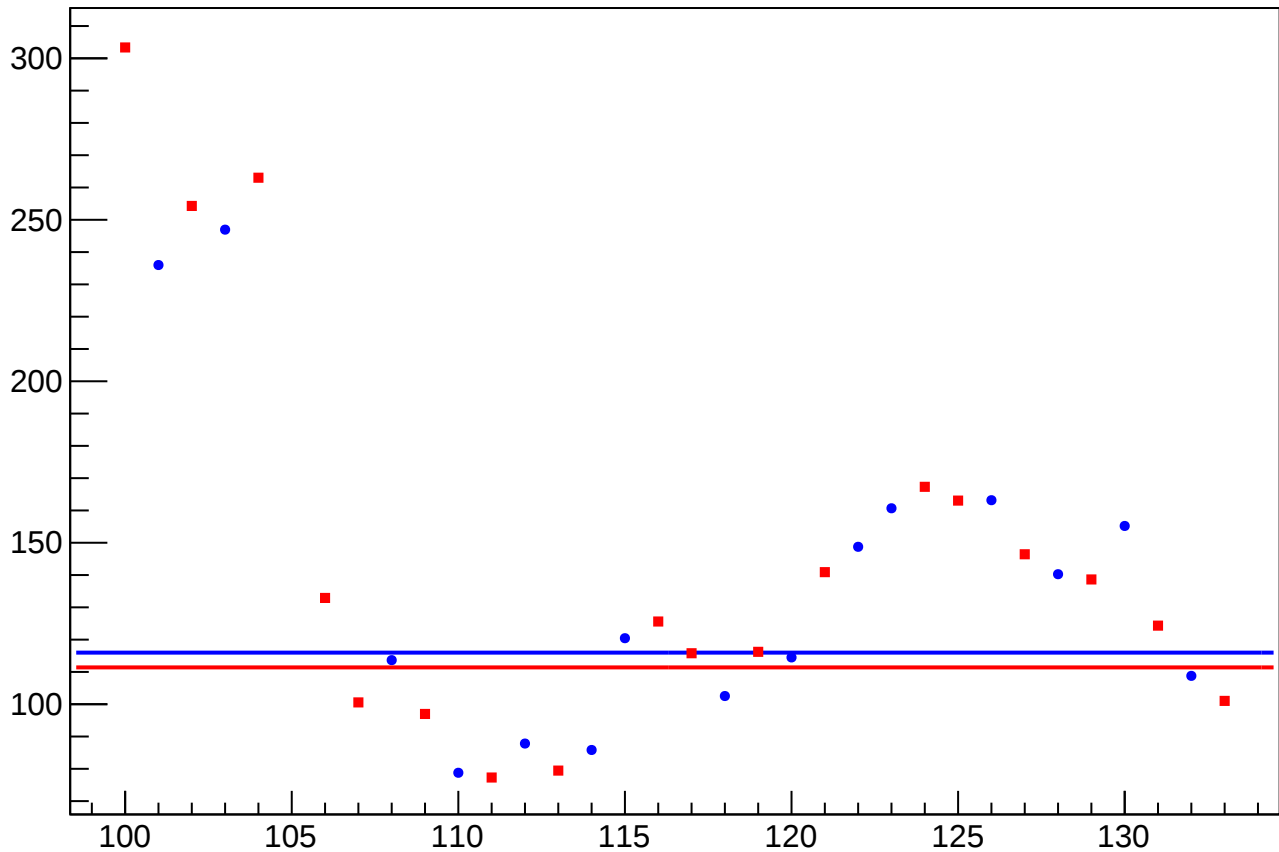
Right Out: 2203.435+/-47.455 χ^2/NDF : 7370.2/17

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

3442.501+/-52.696 χ^2/NDF : 21486.2/14

2203.435+/-47.455 χ^2/NDF : 7370.2/17

asym_bpm0i01aWS_rms vs Slug



Right In: 115.977+/-0.037 χ^2/NDF : 1079852.7/14

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

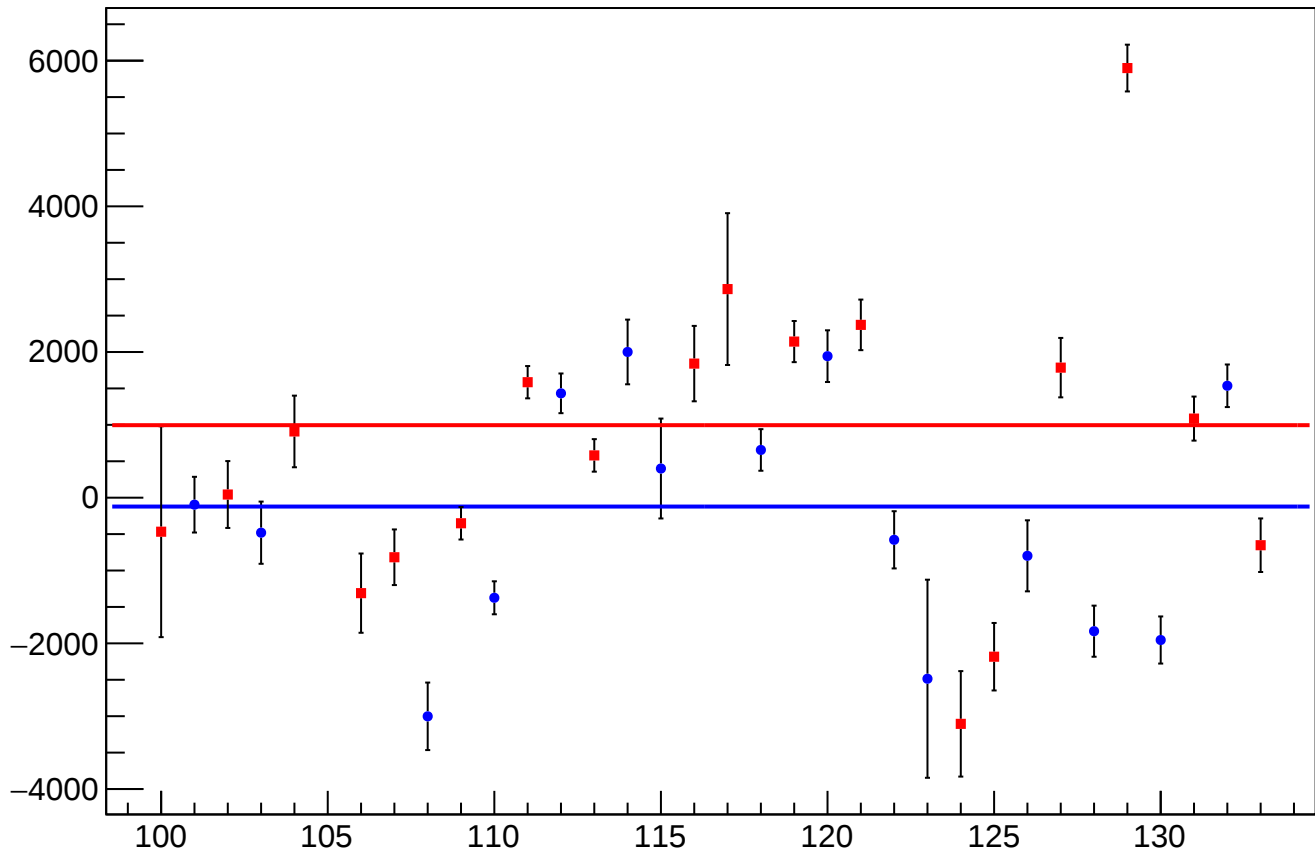
115.977+/-0.037 χ^2/NDF : 1079852.7/14

Right Out: 111.400+/-0.034 χ^2/NDF : 1245616.4/17

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

111.400+/-0.034 χ^2/NDF : 1245616.4/17

asym_bpm0l01WS_mean vs Slug



Right In: -121.797+/-92.072 χ^2/NDF : 261.5/14

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

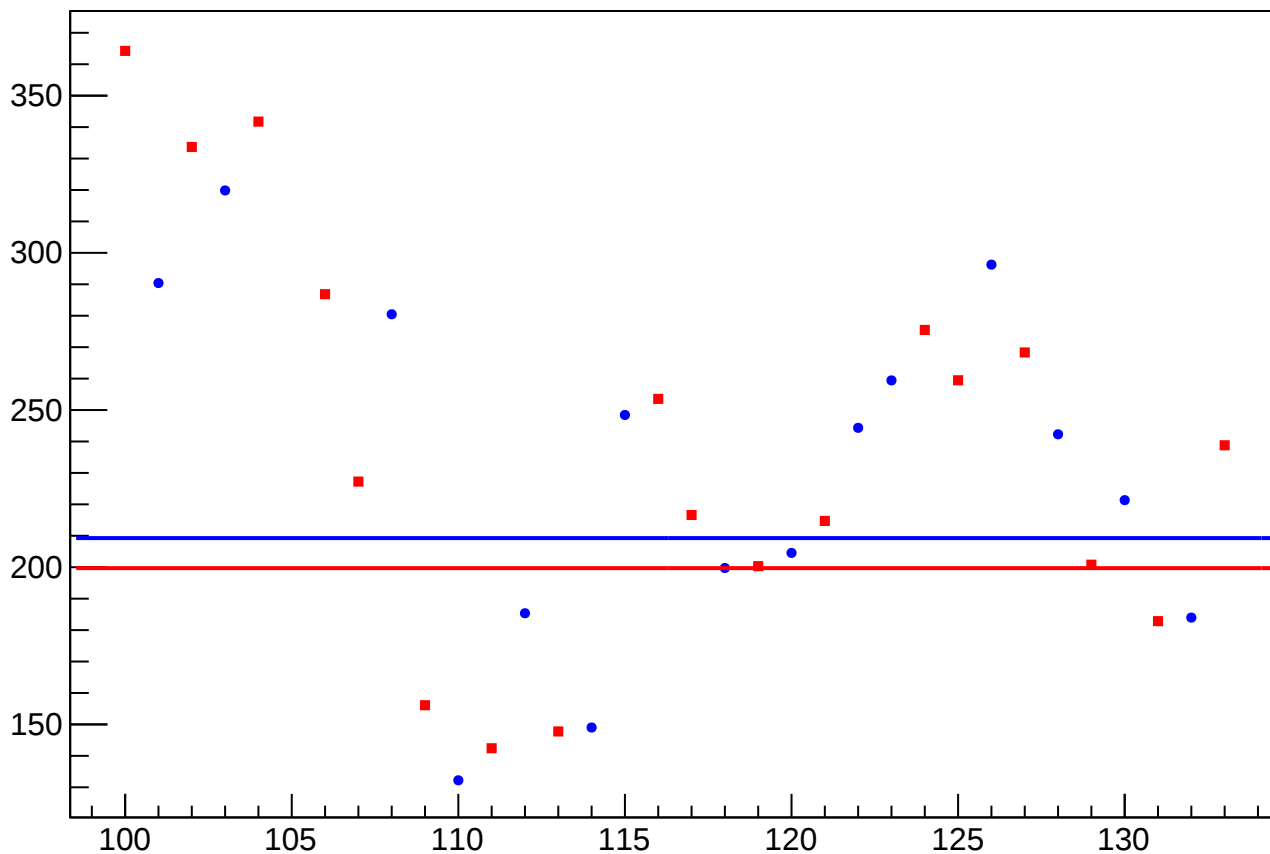
Right Out: 995.474+/-82.711 χ^2/NDF : 467.1/17

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

-121.797+/-92.072 χ^2/NDF : 261.5/14

995.474+/-82.711 χ^2/NDF : 467.1/17

asym_bpm0l01WS_rms vs Slug



Right In: 209.269+/-0.065 χ^2/NDF : 681951.7/14

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

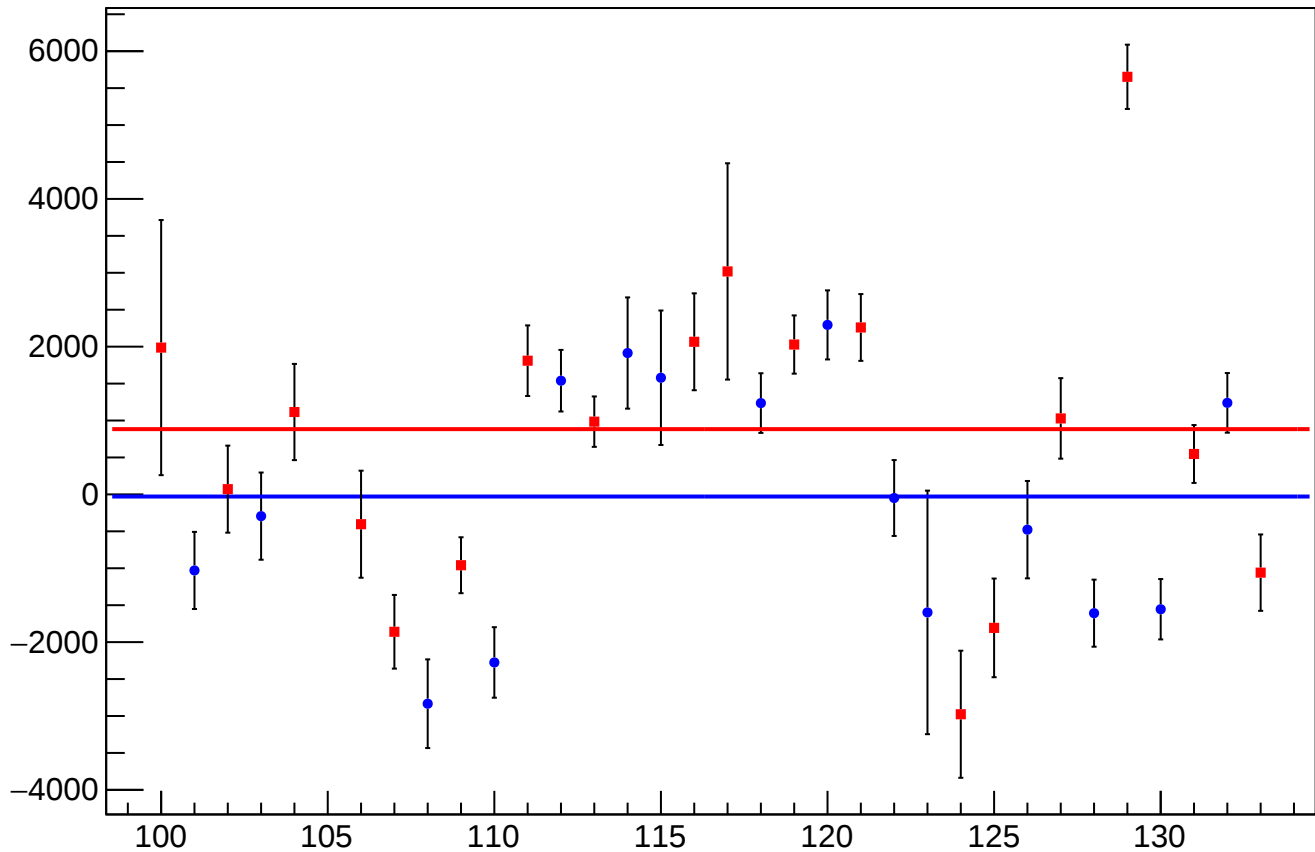
Right Out: 199.710+/-0.058 χ^2/NDF : 909407.6/17

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

209.269+/-0.065 χ^2/NDF : 681951.7/14

199.710+/-0.058 χ^2/NDF : 909407.6/17

asym_bpm0l02WS_mean vs Slug



Right In: -28.982 ± 132.956 χ^2/NDF : 143.6/14

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

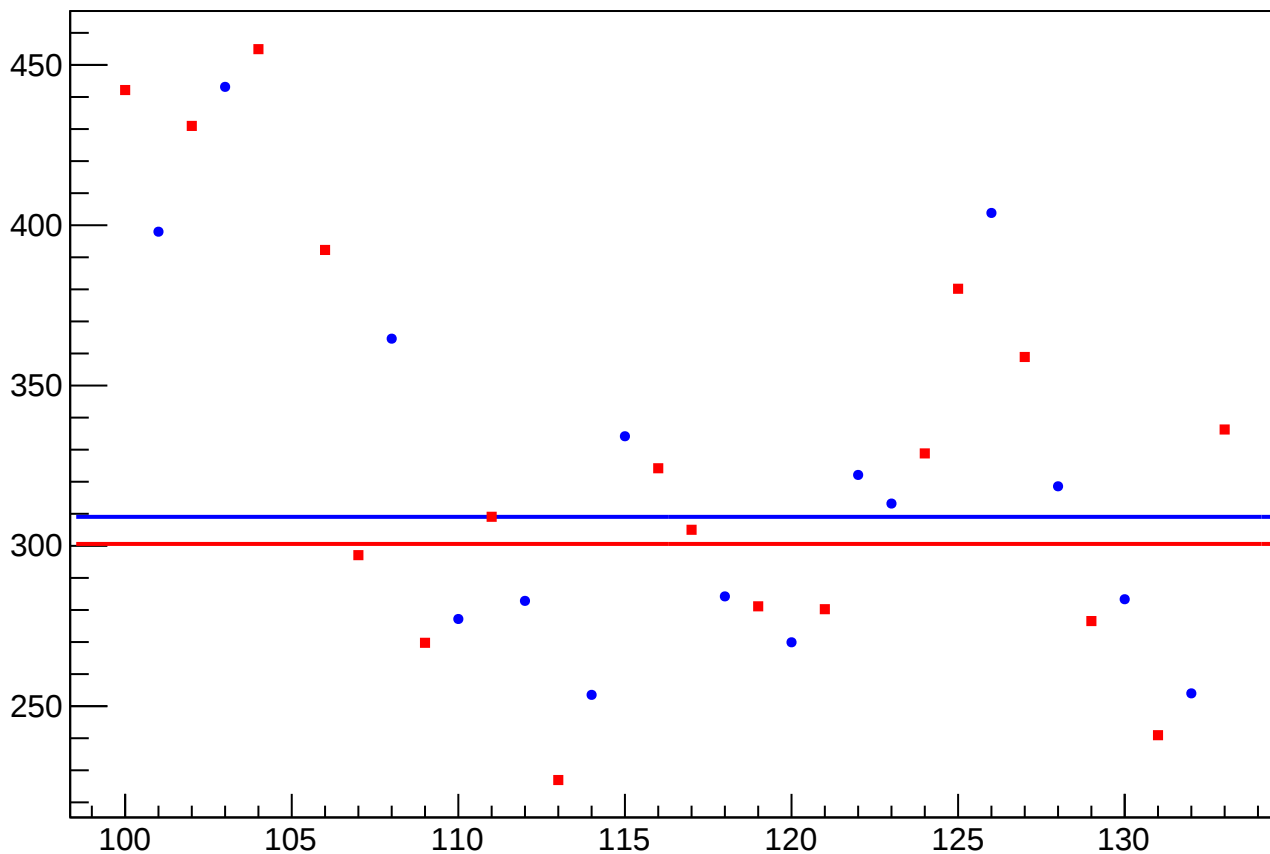
Right Out: 883.463 ± 121.223 χ^2/NDF : 257.9/17

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

-28.982 ± 132.956 χ^2/NDF : 143.6/14

883.463 ± 121.223 χ^2/NDF : 257.9/17

asym_bpm0l02WS_rms vs Slug



Right In: 309.048+/-0.094 χ^2/NDF : 317810.0/14

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

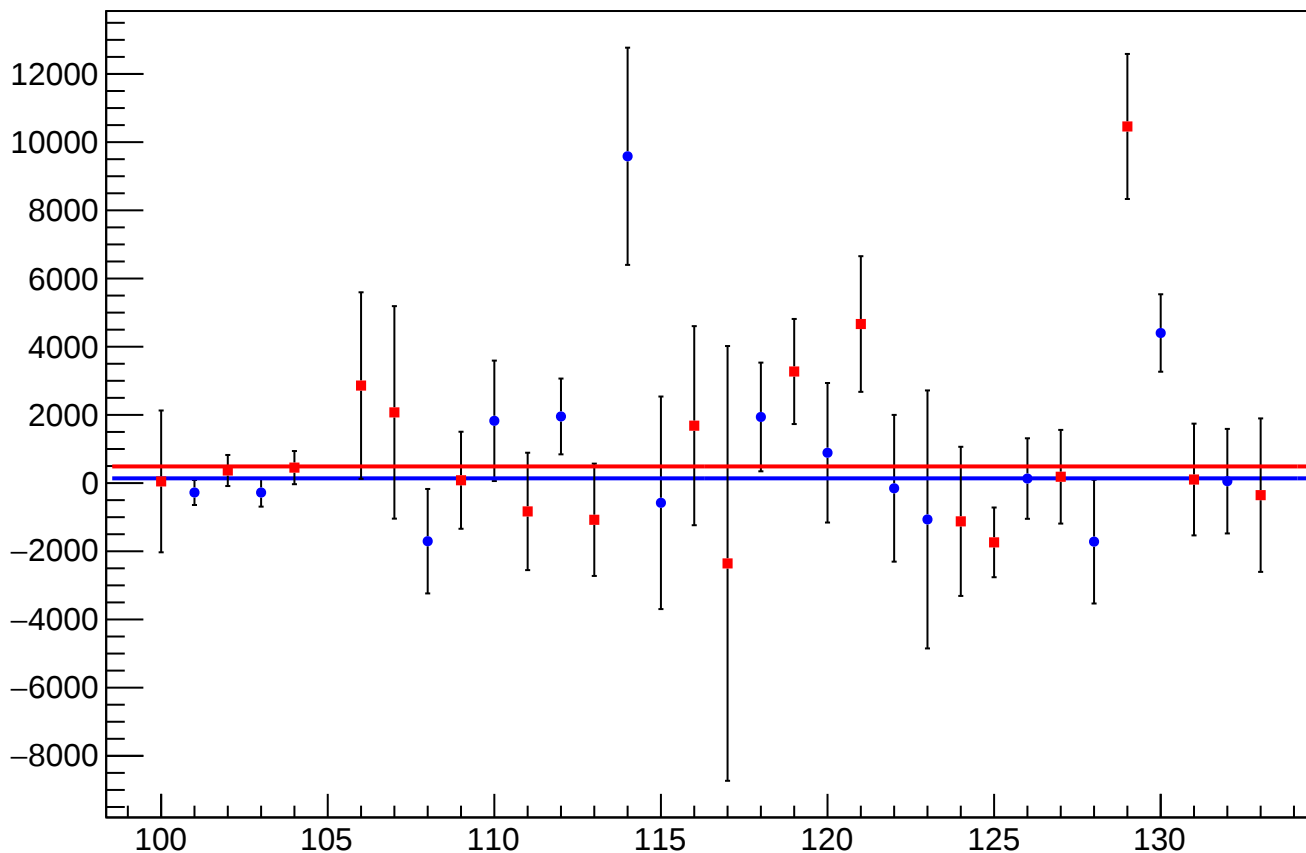
Right Out: 300.600+/-0.086 χ^2/NDF : 489793.1/17

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

309.048+/-0.094 χ^2/NDF : 317810.0/14

300.600+/-0.086 χ^2/NDF : 489793.1/17

asym_bpm0l03WS_mean vs Slug



Right In: 139.226+/-234.518 χ^2/NDF : 32.8/14

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

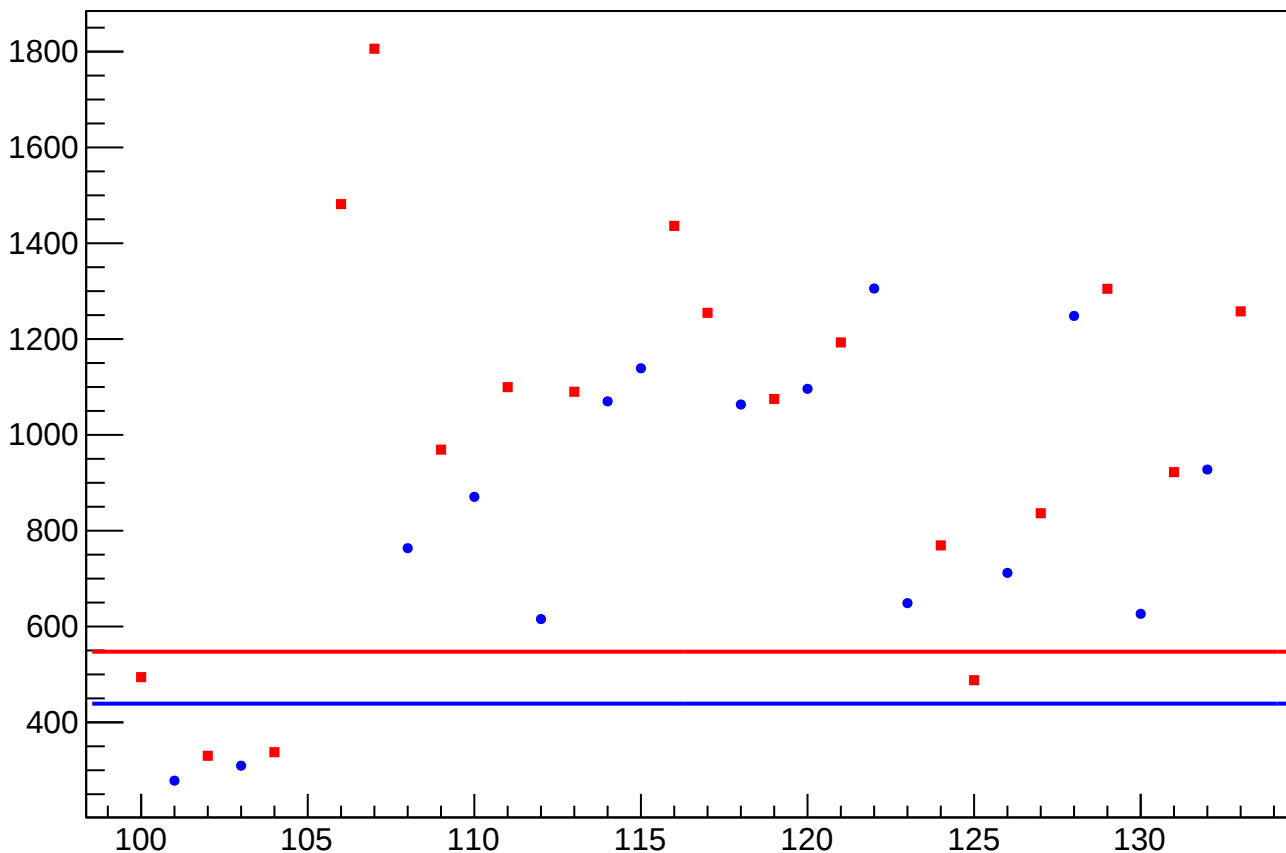
Right Out: 488.480+/-267.118 χ^2/NDF : 38.2/17

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

139.226+/-234.518 χ^2/NDF : 32.8/14

488.480+/-267.118 χ^2/NDF : 38.2/17

asym_bpm0l03WS_rms vs Slug



Right In: 439.017+/-0.166 χ^2/NDF : 2625705.5/14

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

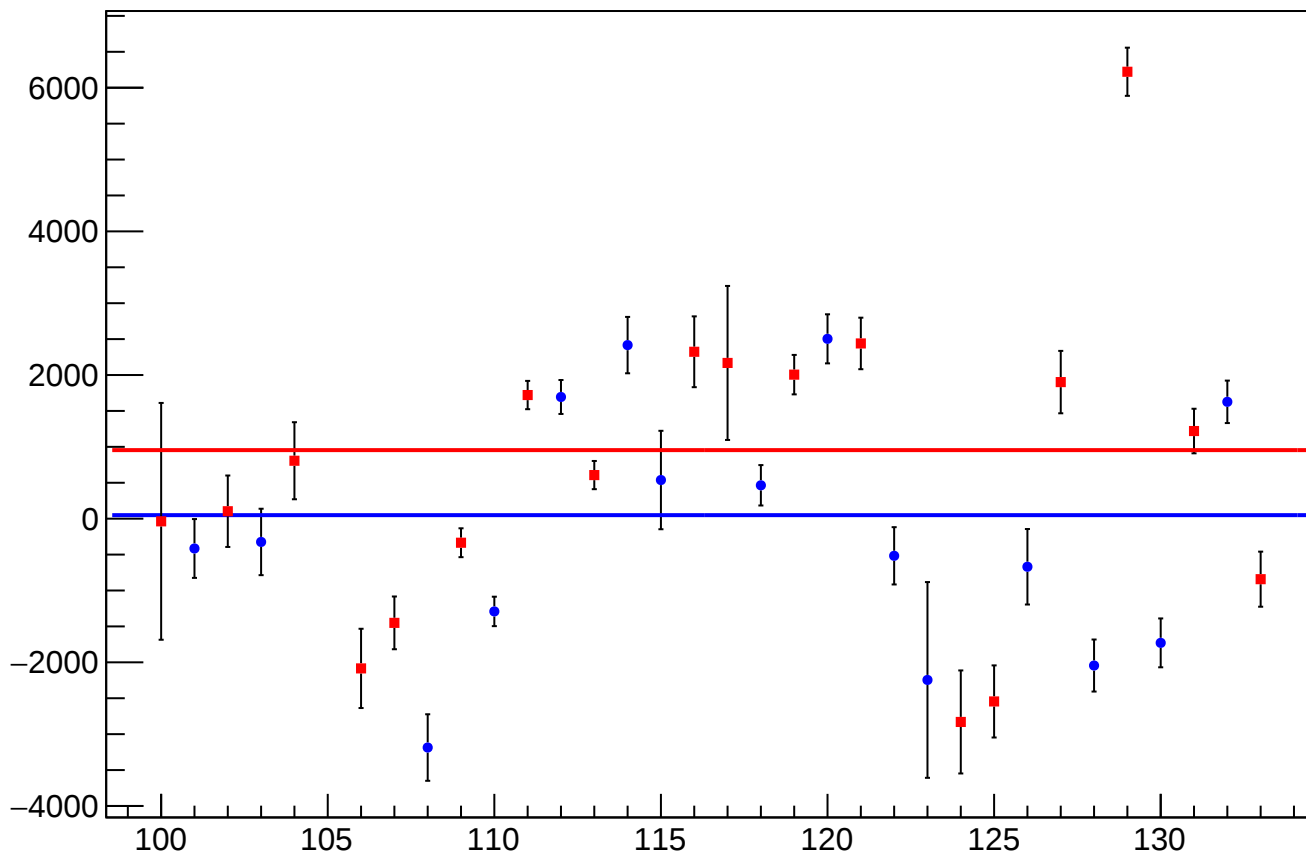
Right Out: 547.456+/-0.189 χ^2/NDF : 3314339.0/17

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

439.017+/-0.166 χ^2/NDF : 2625705.5/14

547.456+/-0.189 χ^2/NDF : 3314339.0/17

asym_bpm0l04WS_mean vs Slug



Right In: 49.057+/-89.441 χ^2/NDF : 328.6/14

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

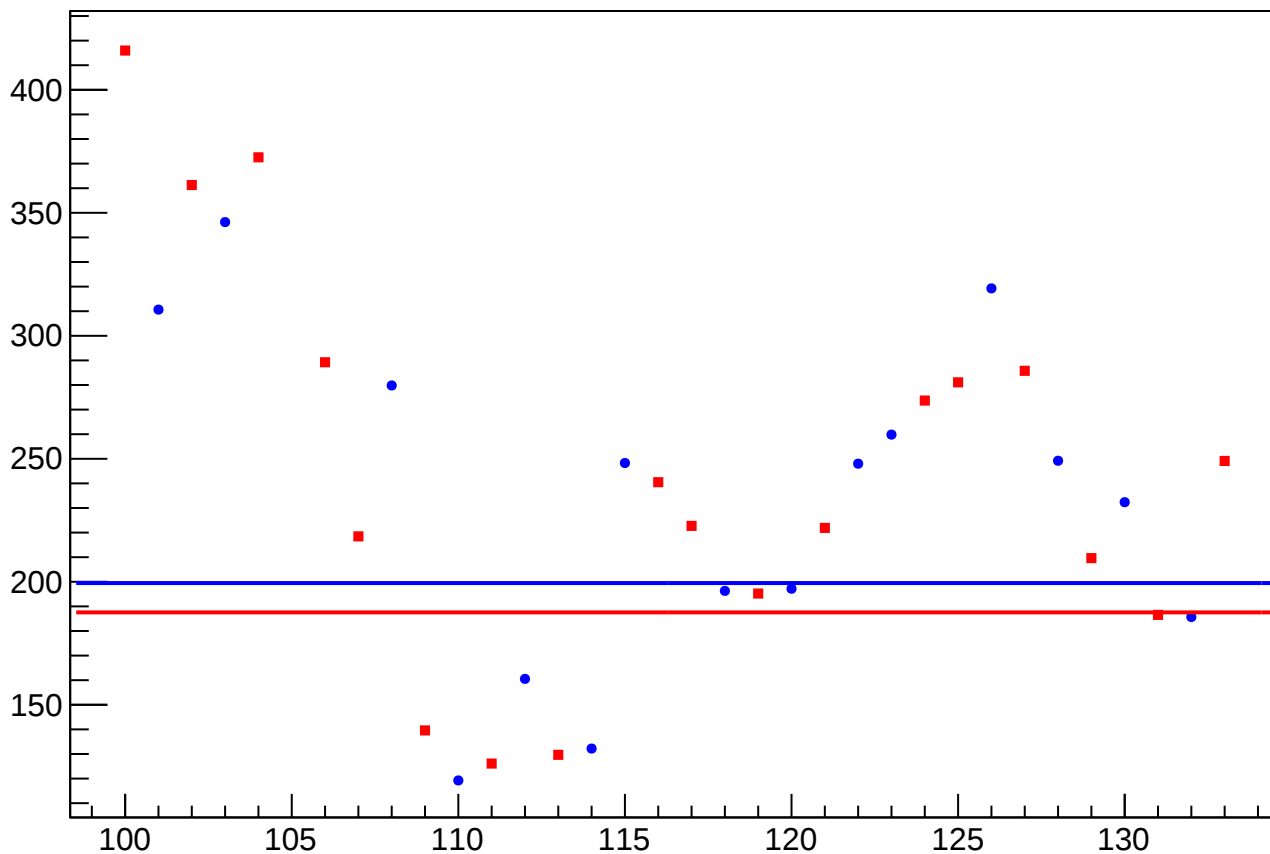
Right Out: 954.442+/-79.473 χ^2/NDF : 527.4/17

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

49.057+/-89.441 χ^2/NDF : 328.6/14

954.442+/-79.473 χ^2/NDF : 527.4/17

asym_bpm0l04WS_rms vs Slug



Right In: 199.483+/-0.063 χ^2/NDF : 1037380.8/14

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

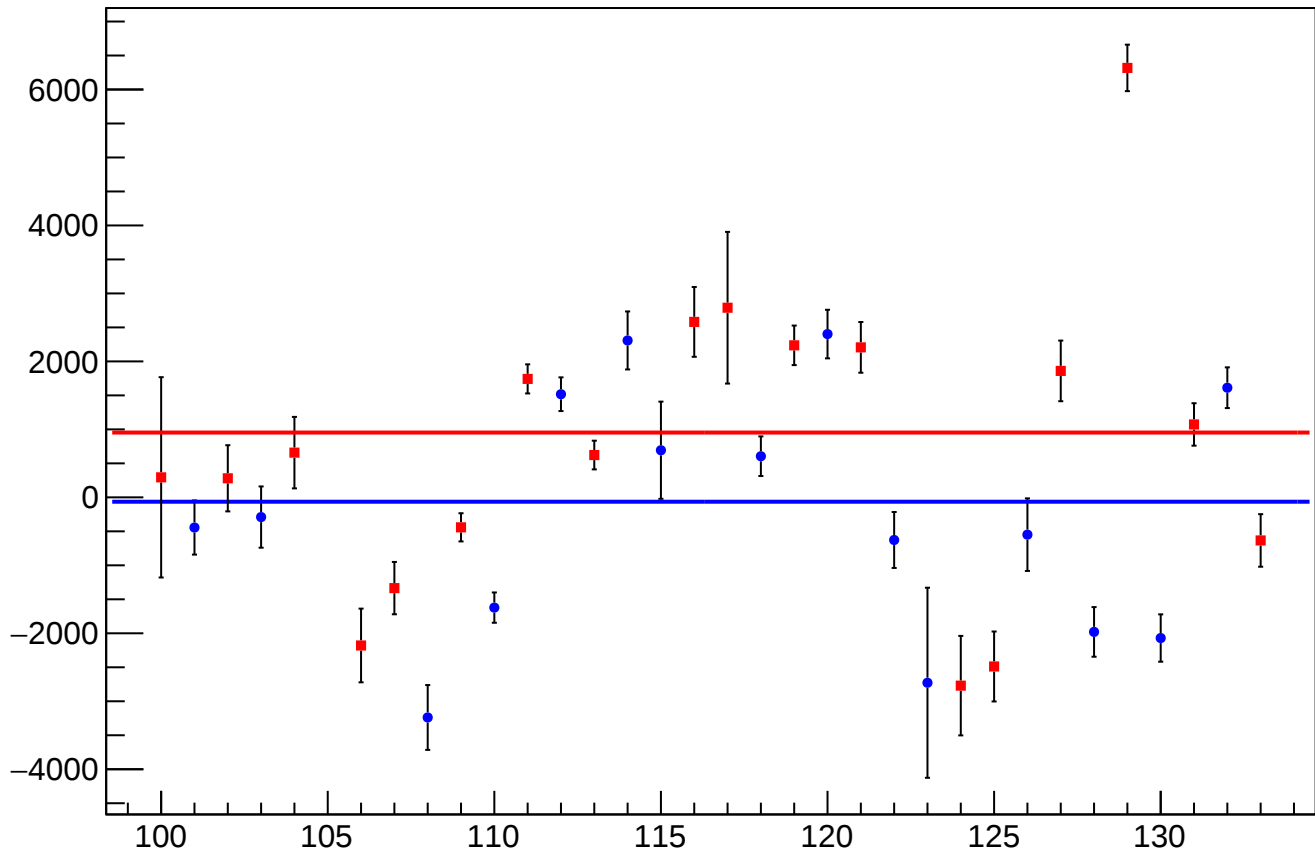
199.483+/-0.063 χ^2/NDF : 1037380.8/14

Right Out: 187.564+/-0.056 χ^2/NDF : 1390591.8/17

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

187.564+/-0.056 χ^2/NDF : 1390591.8/17

asym_bpm0l05WS_mean vs Slug



Right In: -64.355+/-92.892 χ^2 /NDF: 318.3/14

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

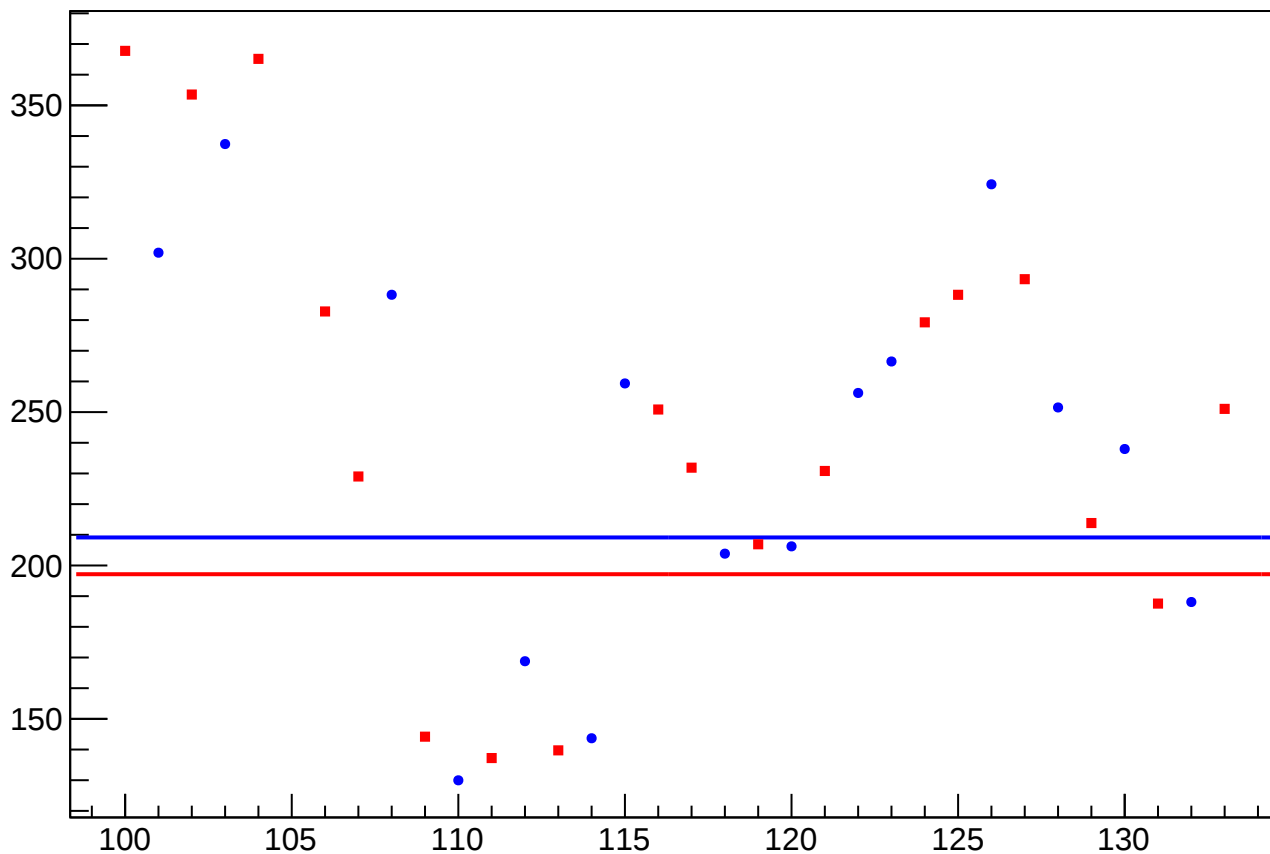
Right Out: 953.399+/-82.837 χ^2 /NDF: 513.9/17

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

-64.355+/-92.892 χ^2 /NDF: 318.3/14

953.399+/-82.837 χ^2 /NDF: 513.9/17

asym_bpm0l05WS_rms vs Slug



Right In: 209.140+/-0.066 χ^2/NDF : 862063.3/14

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

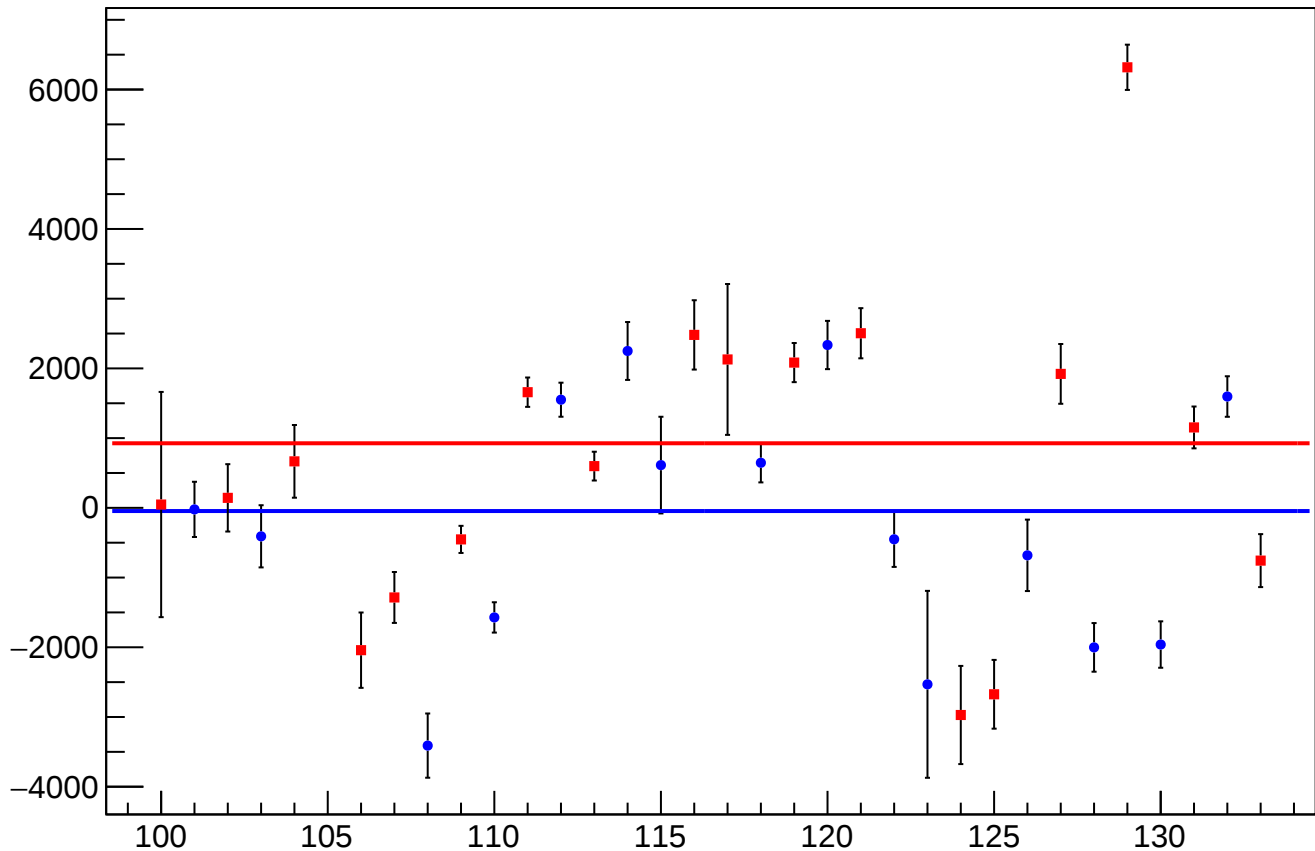
209.140+/-0.066 χ^2/NDF : 862063.3/14

Right Out: 197.155+/-0.059 χ^2/NDF : 1204820.7/17

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

197.155+/-0.059 χ^2/NDF : 1204820.7/17

asym_bpm0l06WS_mean vs Slug



Right In: -45.886+/-90.288 χ^2 /NDF: 333.3/14

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

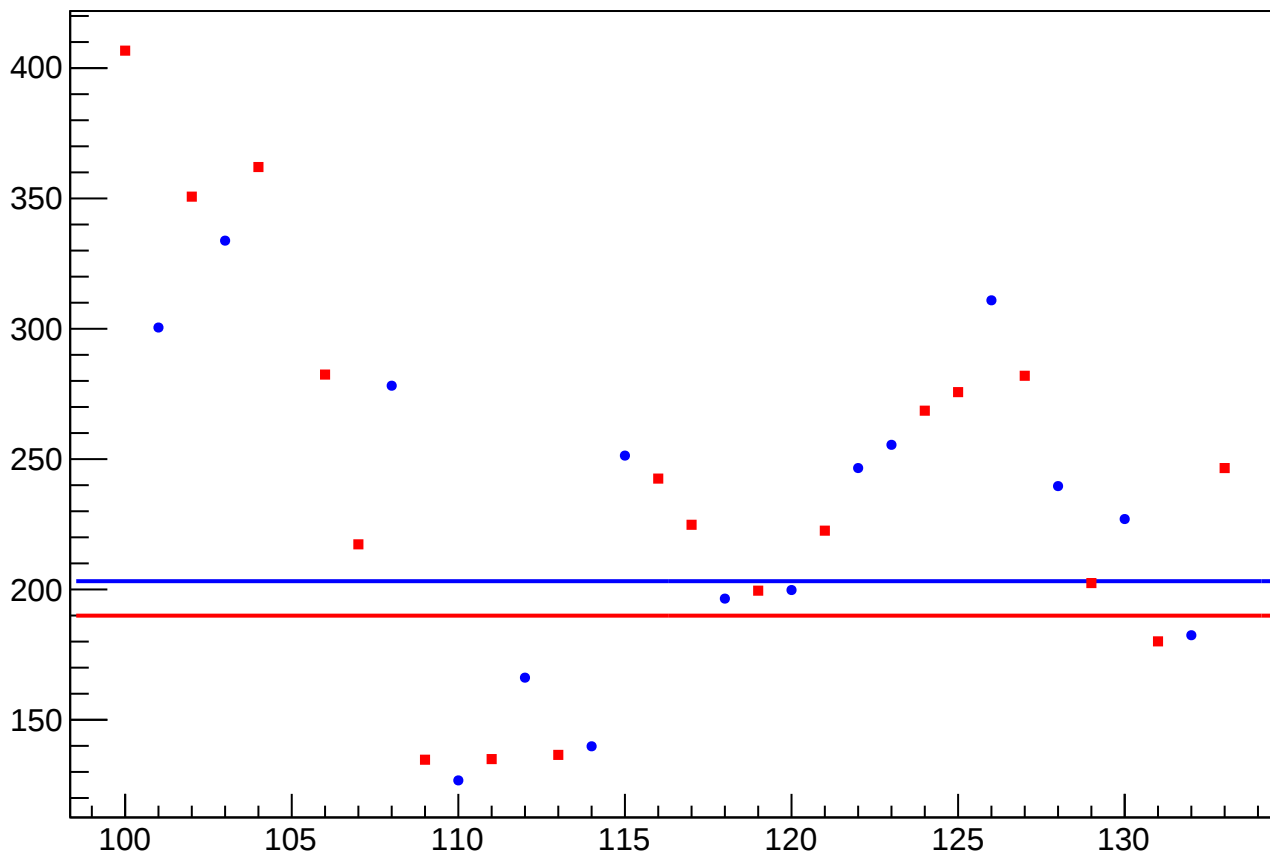
Right Out: 926.112+/-80.026 χ^2 /NDF: 567.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-45.886+/-90.288 χ^2 /NDF: 333.3/14

926.112+/-80.026 χ^2 /NDF: 567.8/17

asym_bpm0l06WS_rms vs Slug



Right In: 203.176+/-0.064 χ^2/NDF : 853484.3/14

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

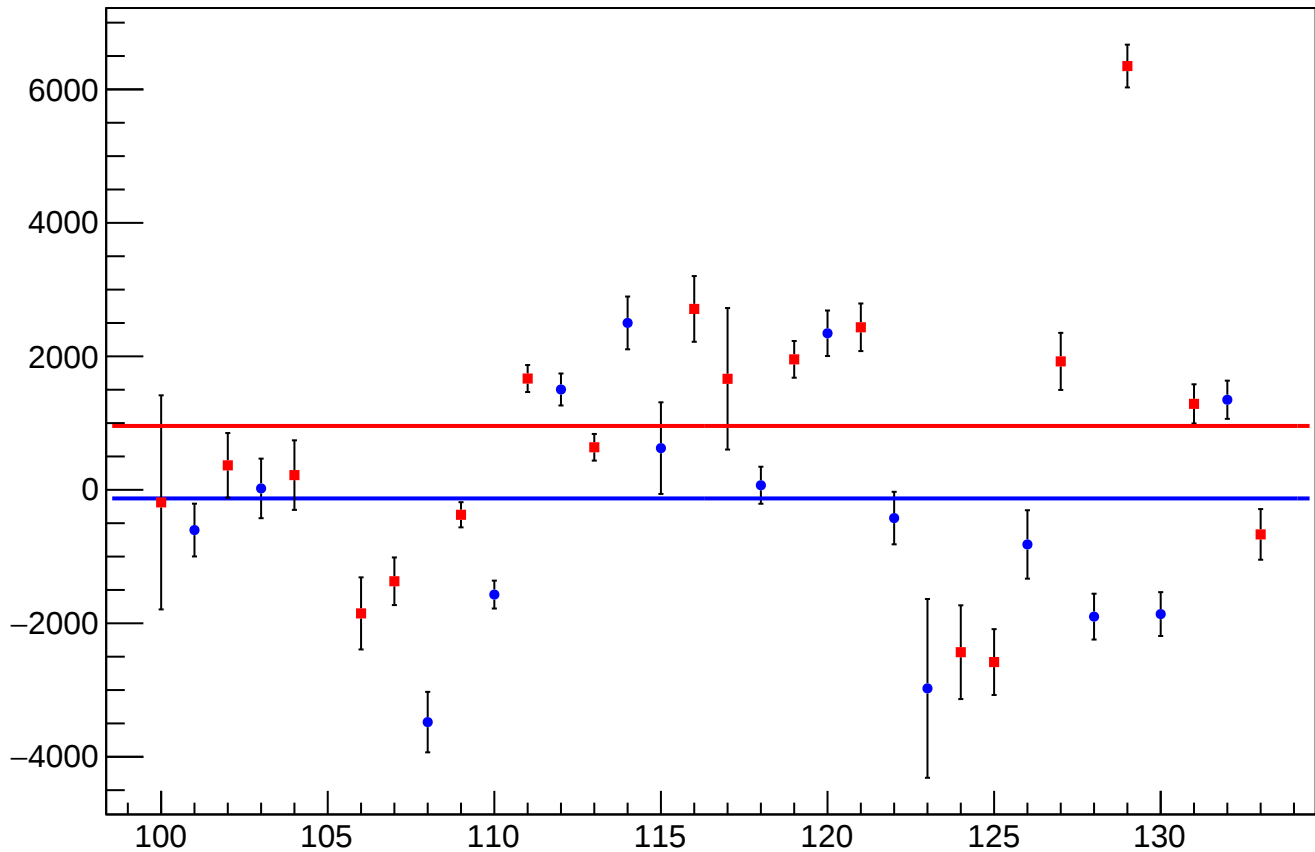
203.176+/-0.064 χ^2/NDF : 853484.3/14

Right Out: 189.954+/-0.057 χ^2/NDF : 1247316.2/17

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

189.954+/-0.057 χ^2/NDF : 1247316.2/17

asym_bpm0l07WS_mean vs Slug



Right In: -128.959+/-88.539 χ^2/NDF : 336.9/14

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

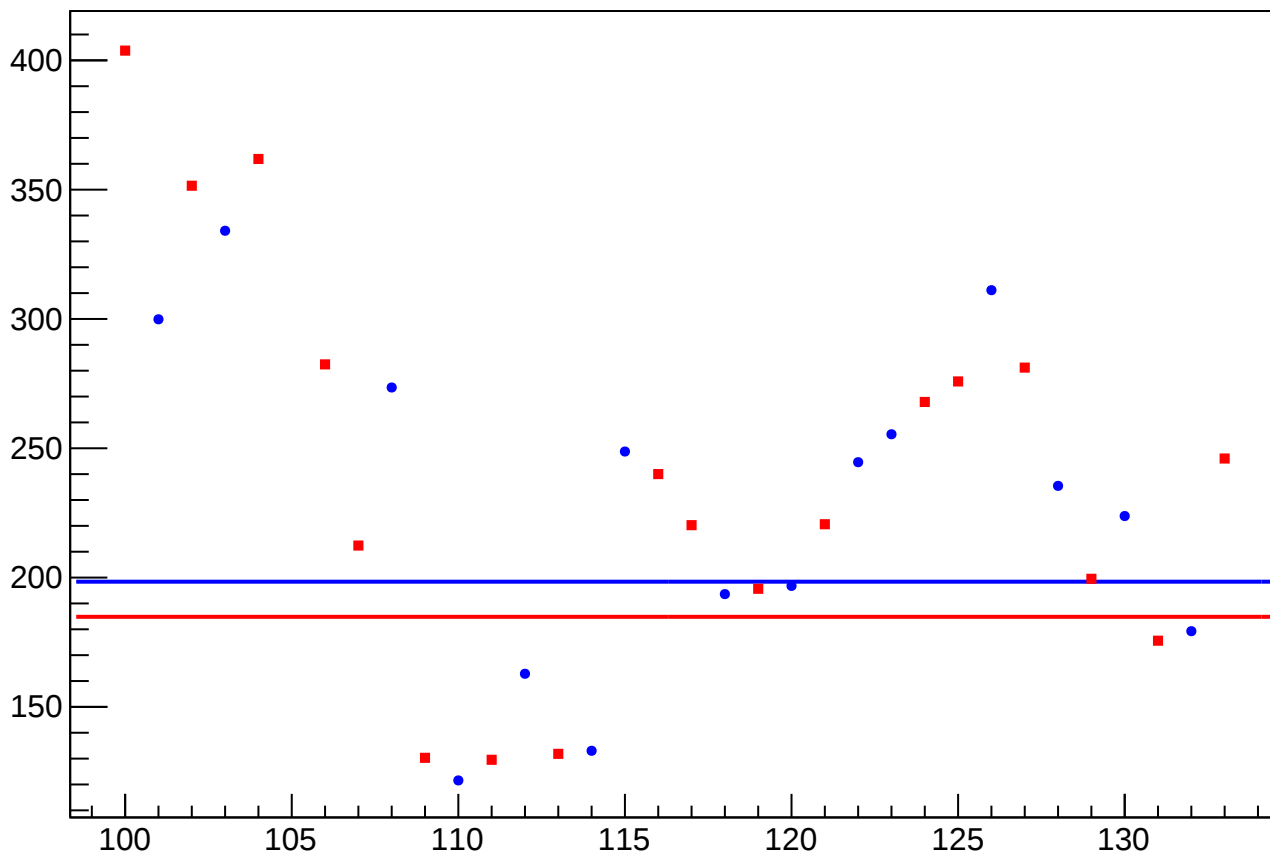
Right Out: 957.205+/-78.262 χ^2/NDF : 564.7/17

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

-128.959+/-88.539 χ^2/NDF : 336.9/14

957.205+/-78.262 χ^2/NDF : 564.7/17

asym_bpm0l07WS_rms vs Slug



Right In: 198.412 $\pm$ 0.063 χ^2 /NDF: 924869.3/14

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

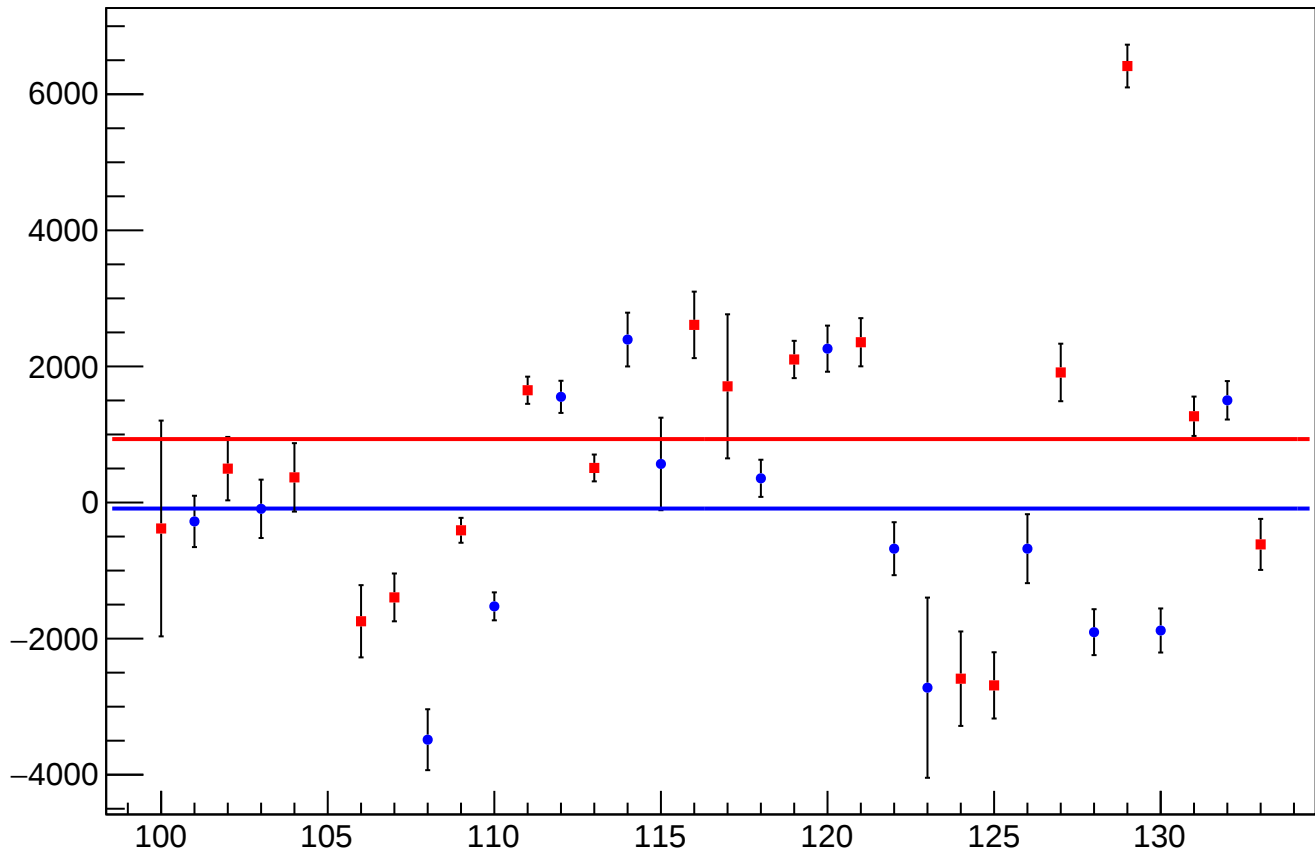
198.412 $\pm$ 0.063 χ^2 /NDF: 924869.3/14

Right Out: 184.832 $\pm$ 0.055 χ^2 /NDF: 1346323.1/17

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

184.832 $\pm$ 0.055 χ^2 /NDF: 1346323.1/17

asym_bpm0l08WS_mean vs Slug



Right In: -88.481+/-87.151 χ^2 /NDF: 345.1/14

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

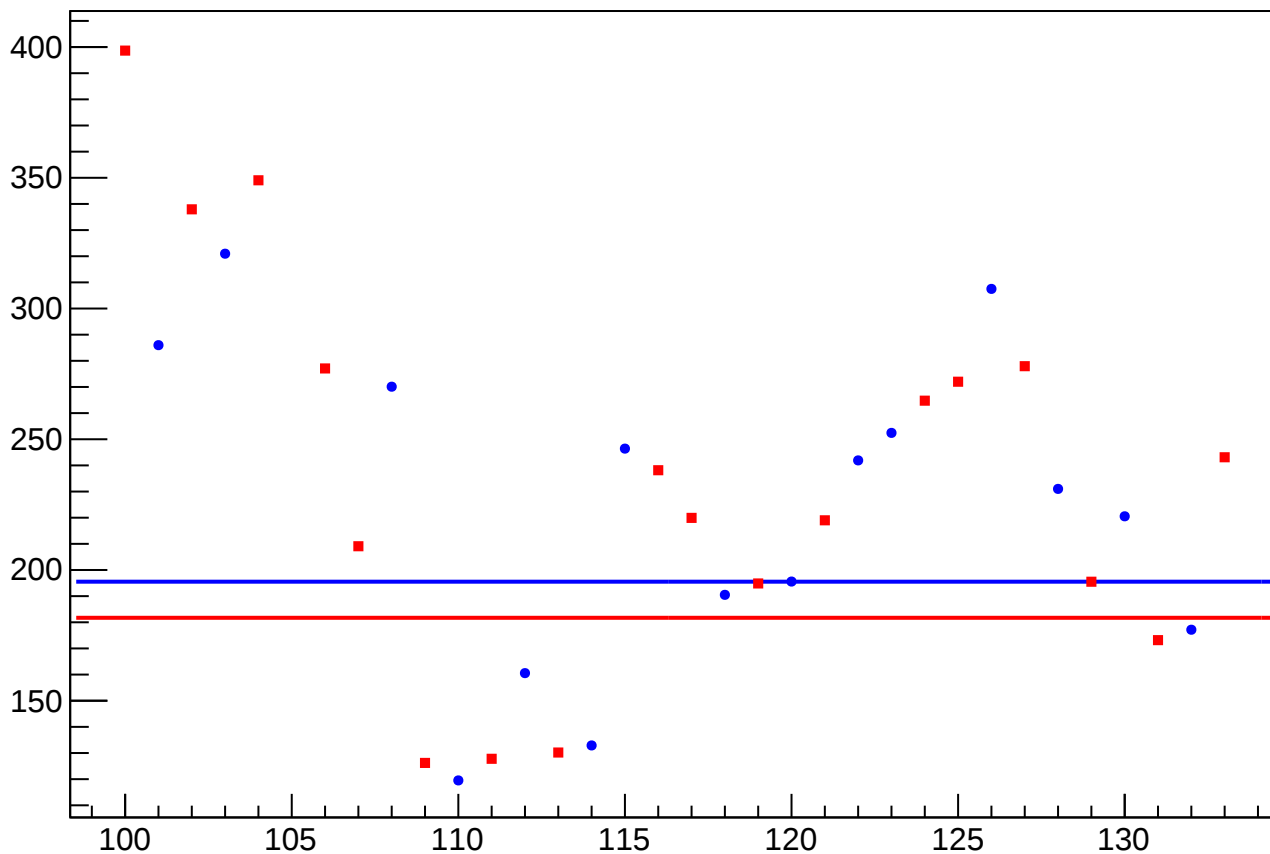
Right Out: 932.407+/-76.979 χ^2 /NDF: 599.4/17

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

-88.481+/-87.151 χ^2 /NDF: 345.1/14

932.407+/-76.979 χ^2 /NDF: 599.4/17

asym_bpm0l08WS_rms vs Slug



Right In: 195.529+/-0.062 χ^2/NDF : 893559.0/14

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

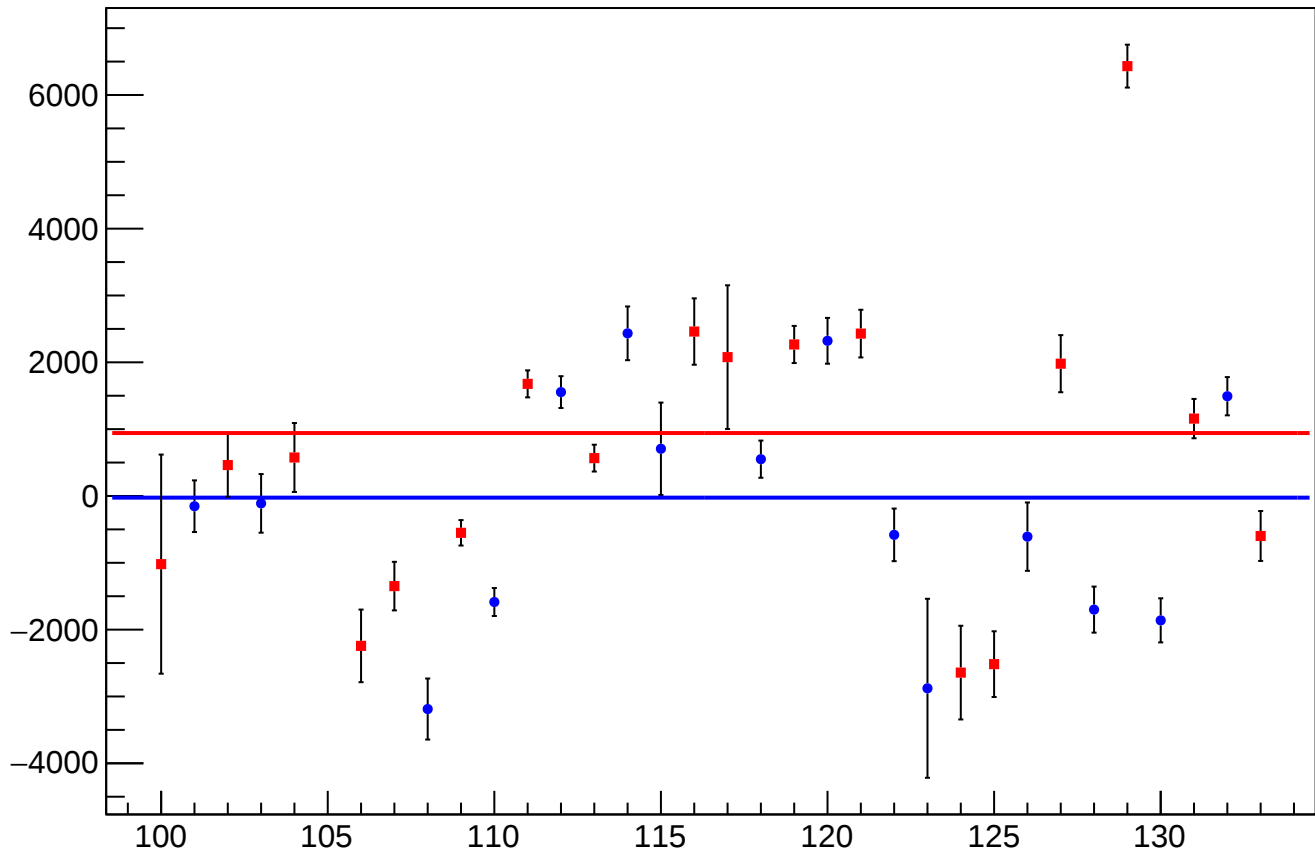
Right Out: 181.720+/-0.054 χ^2/NDF : 1343225.7/17

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

195.529+/-0.062 χ^2/NDF : 893559.0/14

181.720+/-0.054 χ^2/NDF : 1343225.7/17

asym_bpm0l09WS_mean vs Slug



Right In: -24.933+/-88.542 χ^2 /NDF: 328.2/14

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

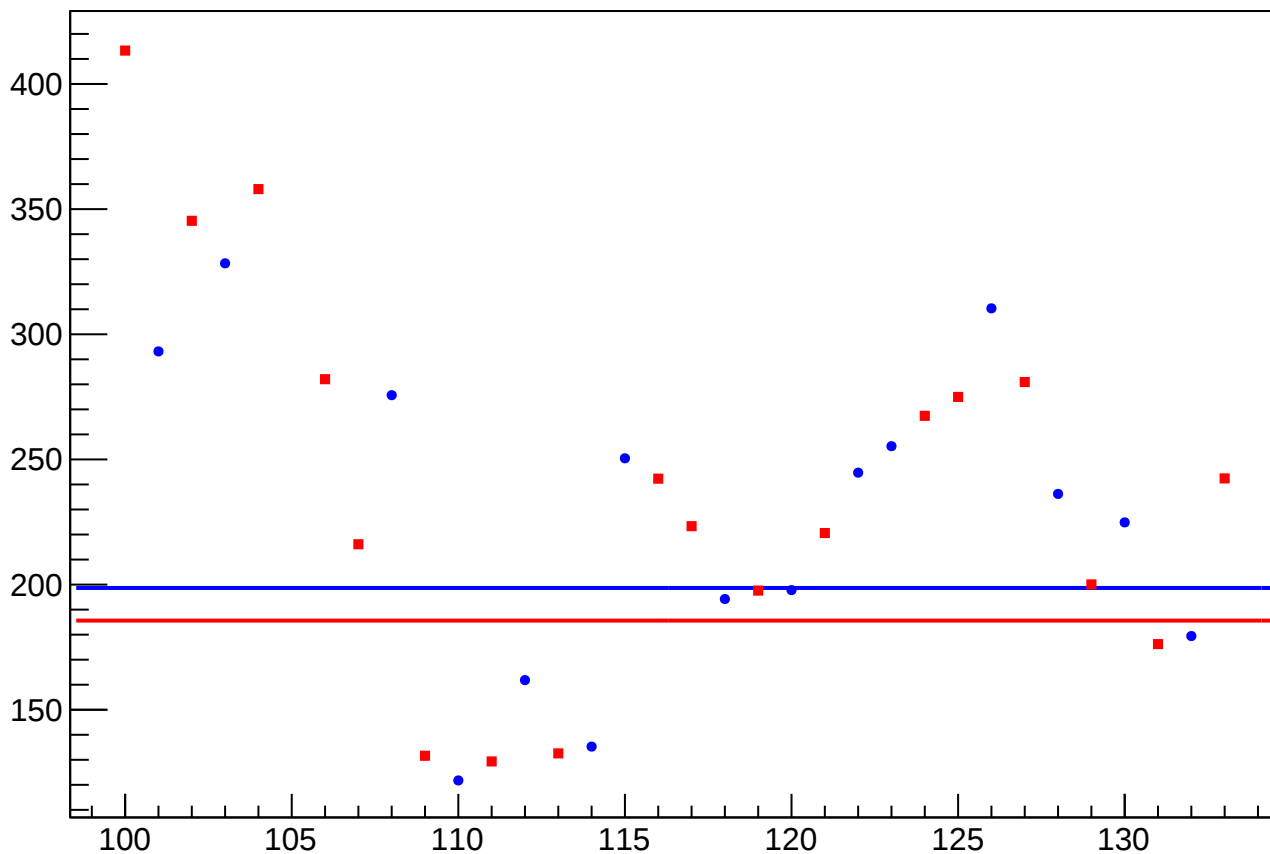
Right Out: 941.638+/-78.503 χ^2 /NDF: 597.6/17

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

-24.933+/-88.542 χ^2 /NDF: 328.2/14

941.638+/-78.503 χ^2 /NDF: 597.6/17

asym_bpm0l09WS_rms vs Slug



Right In: 198.657+/-0.063 χ^2/NDF : 902601.7/14

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

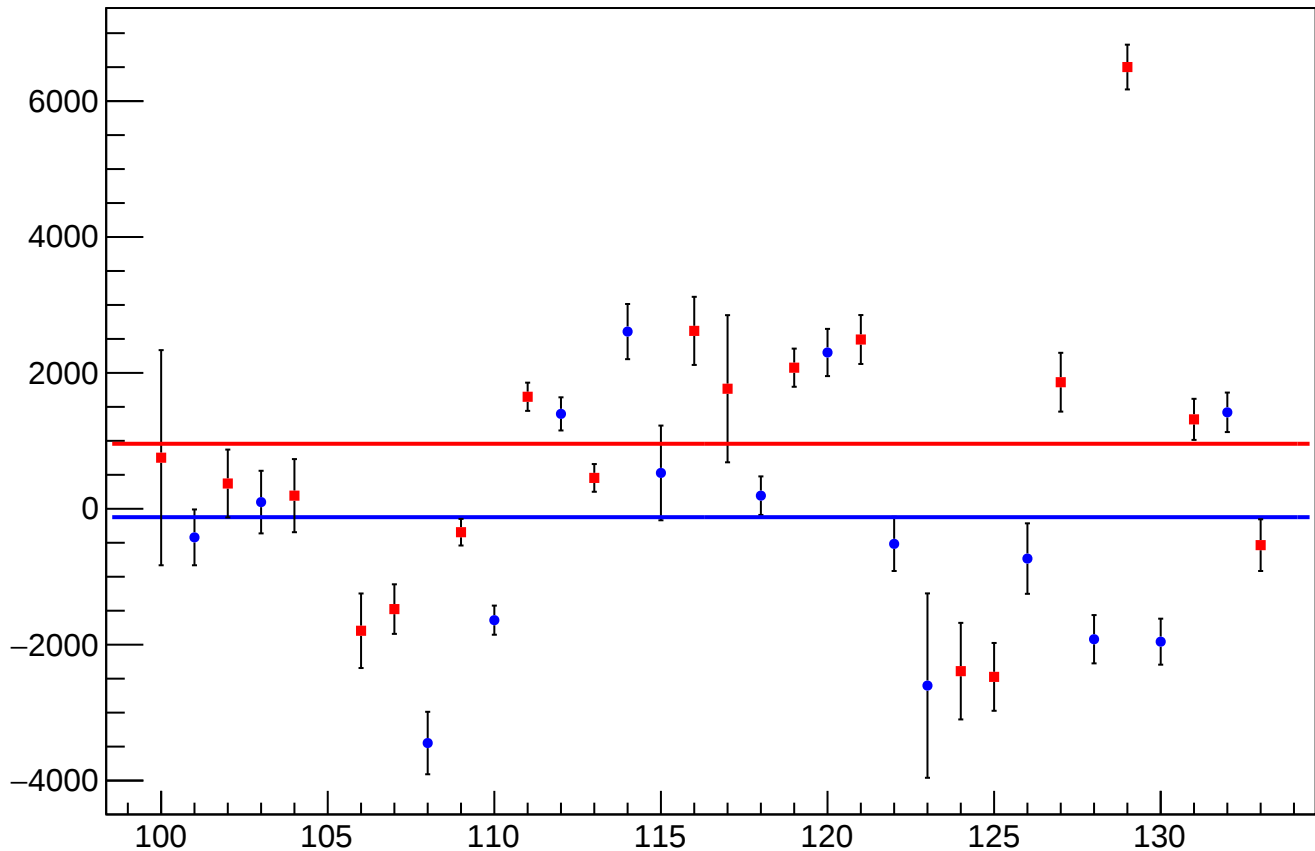
Right Out: 185.616+/-0.056 χ^2/NDF : 1317067.8/17

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

198.657+/-0.063 χ^2/NDF : 902601.7/14

185.616+/-0.056 χ^2/NDF : 1317067.8/17

asym_bpm0l10WS_mean vs Slug



Right In: -123.370+/-90.607 χ^2/NDF : 326.6/14

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

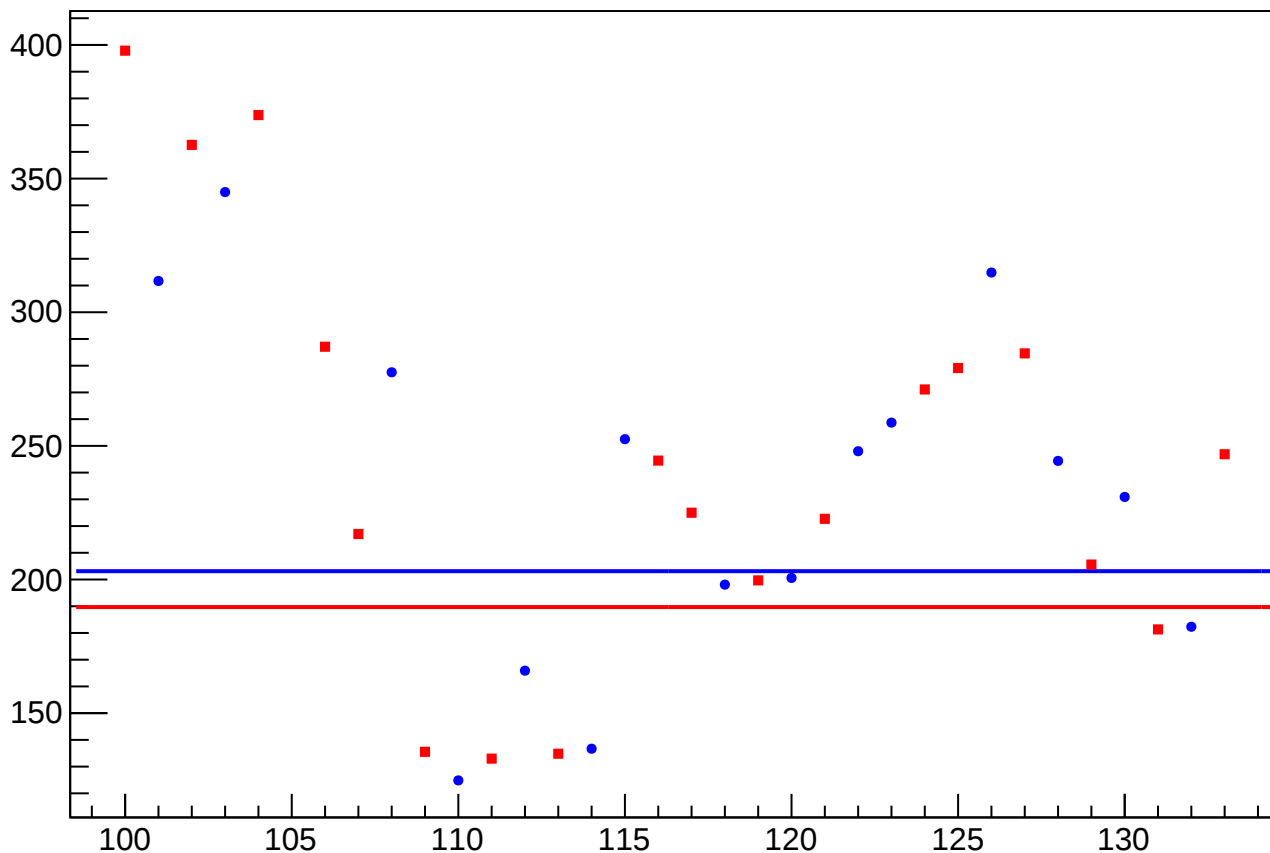
Right Out: 956.921+/-80.147 χ^2/NDF : 554.0/17

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

-123.370+/-90.607 χ^2/NDF : 326.6/14

956.921+/-80.147 χ^2/NDF : 554.0/17

asym_bpm0l10WS_rms vs Slug



Right In: 203.122+/-0.064 χ^2/NDF : 931494.2/14

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

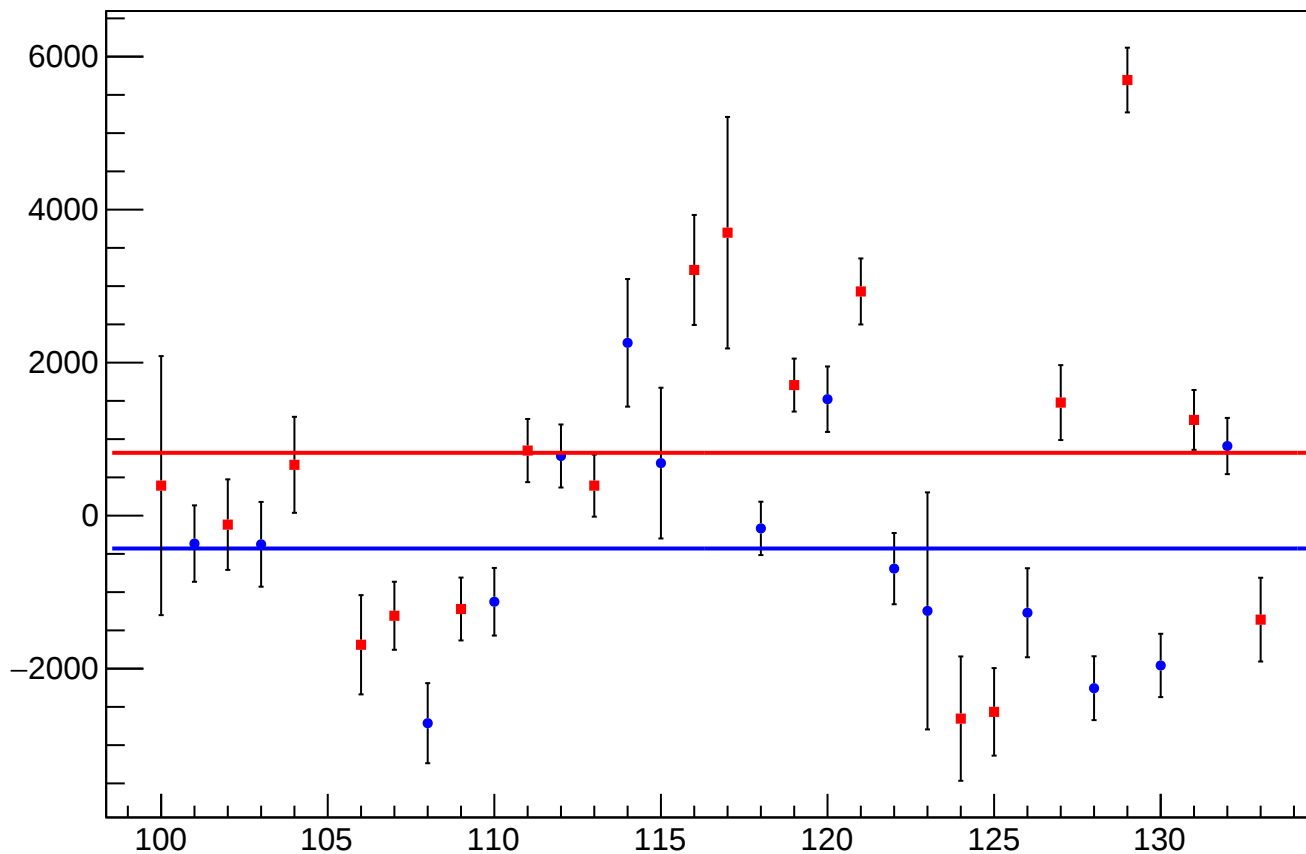
203.122+/-0.064 χ^2/NDF : 931494.2/14

Right Out: 189.698+/-0.057 χ^2/NDF : 1313509.5/17

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

189.698+/-0.057 χ^2/NDF : 1313509.5/17

asym_bpm0r03WS_mean vs Slug



Right In: -429.577+/-123.997 χ^2/NDF : 111.9/14

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

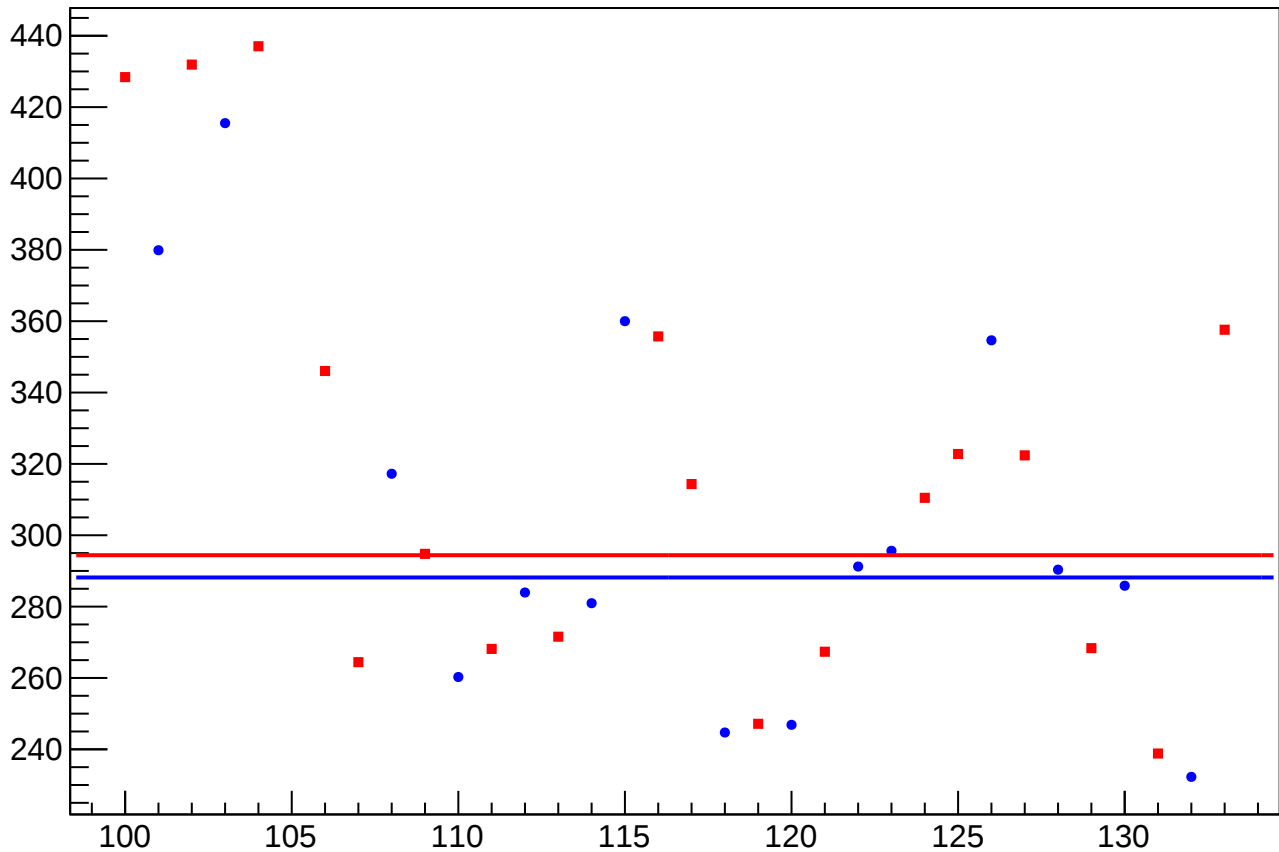
Right Out: 821.239+/-118.422 χ^2/NDF : 316.3/17

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

-429.577+/-123.997 χ^2/NDF : 111.9/14

821.239+/-118.422 χ^2/NDF : 316.3/17

asym_bpm0r03WS_rms vs Slug



Right In: 288.166+/-0.088 χ^2/NDF : 320525.9/14

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

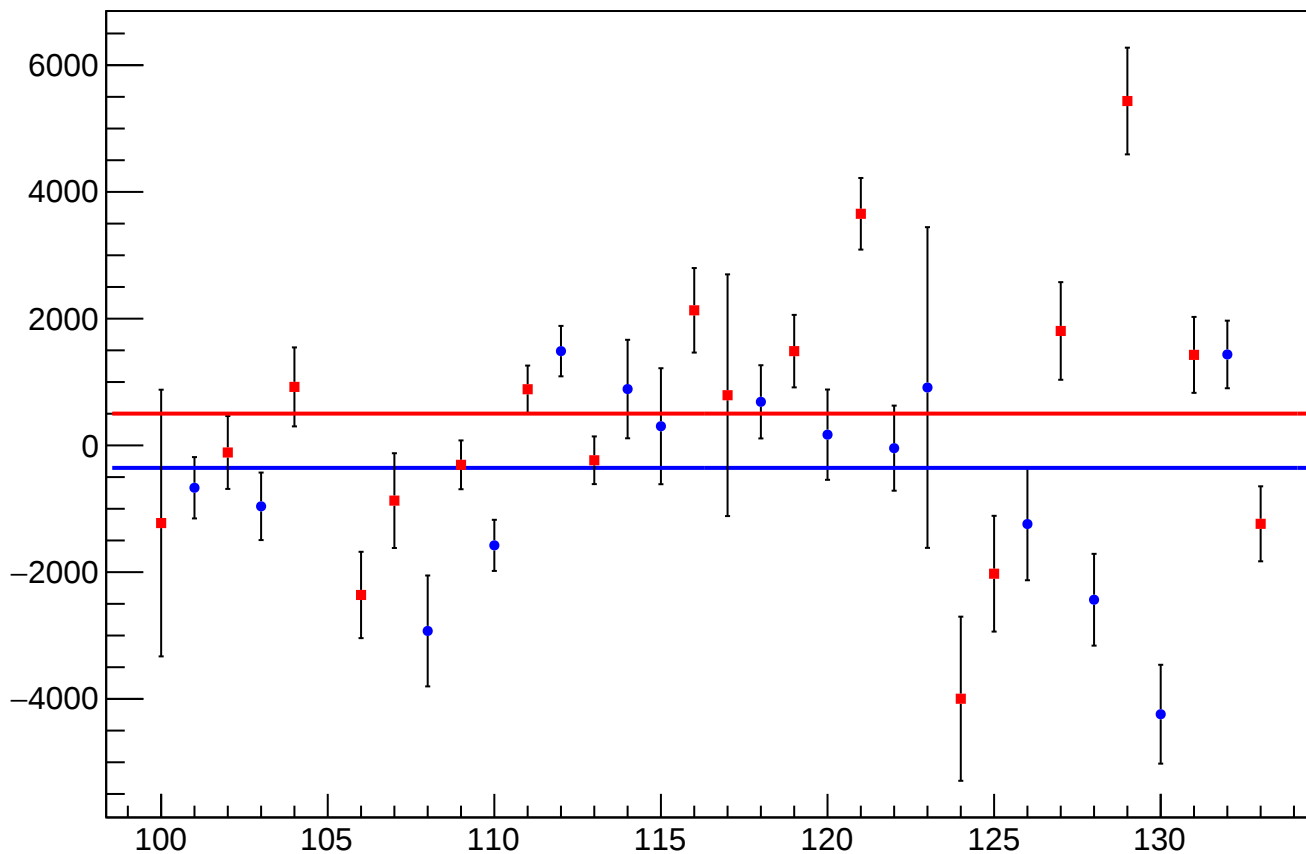
288.166+/-0.088 χ^2/NDF : 320525.9/14

Right Out: 294.411+/-0.084 χ^2/NDF : 406916.2/17

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

294.411+/-0.084 χ^2/NDF : 406916.2/17

asym_bpm0r05WS_mean vs Slug



Right In: -354.813+/-157.919 χ^2 /NDF: 93.7/14

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

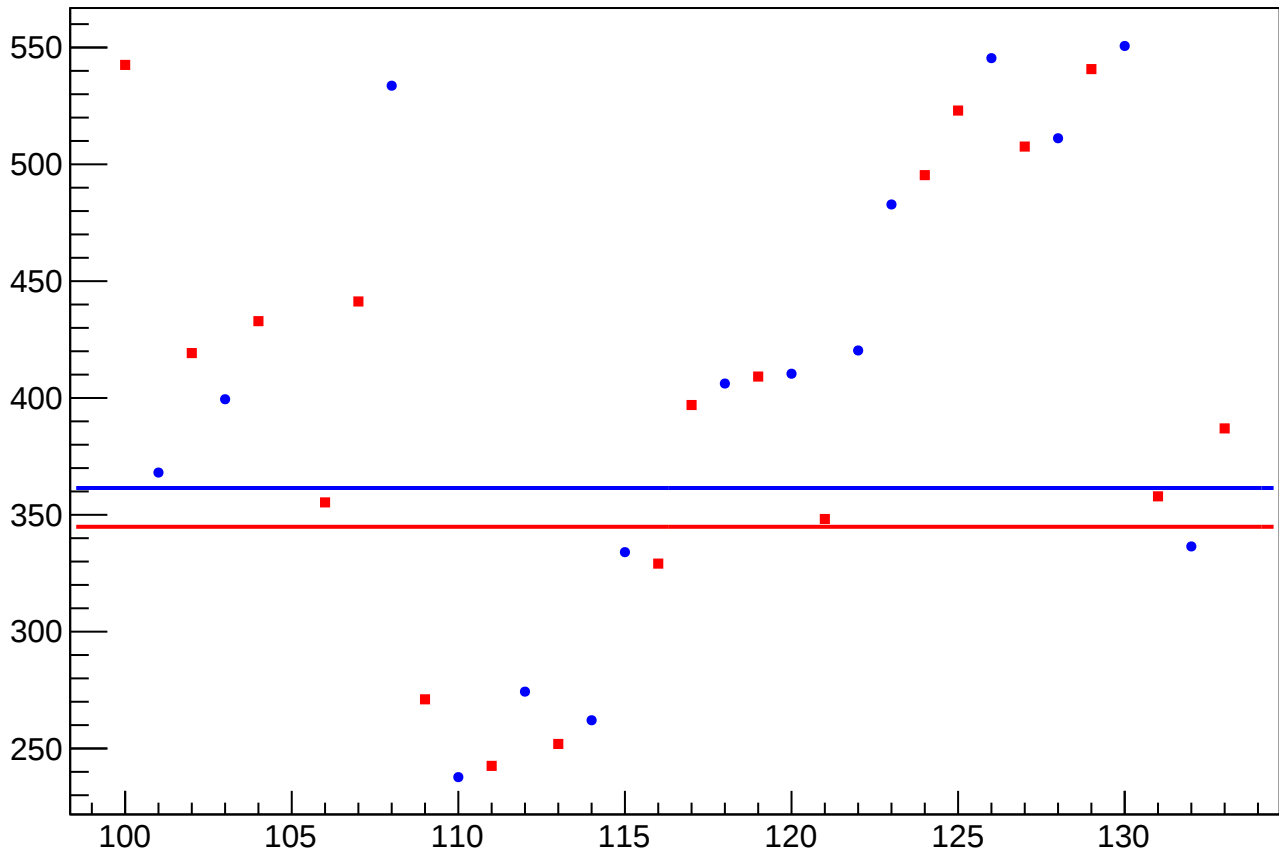
Right Out: 501.788+/-141.438 χ^2 /NDF: 140.6/17

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

-354.813+/-157.919 χ^2 /NDF: 93.7/14

501.788+/-141.438 χ^2 /NDF: 140.6/17

asym_bpm0r05WS_rms vs Slug



Right In: 361.483+/-0.112 χ^2/NDF : 741596.7/14

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

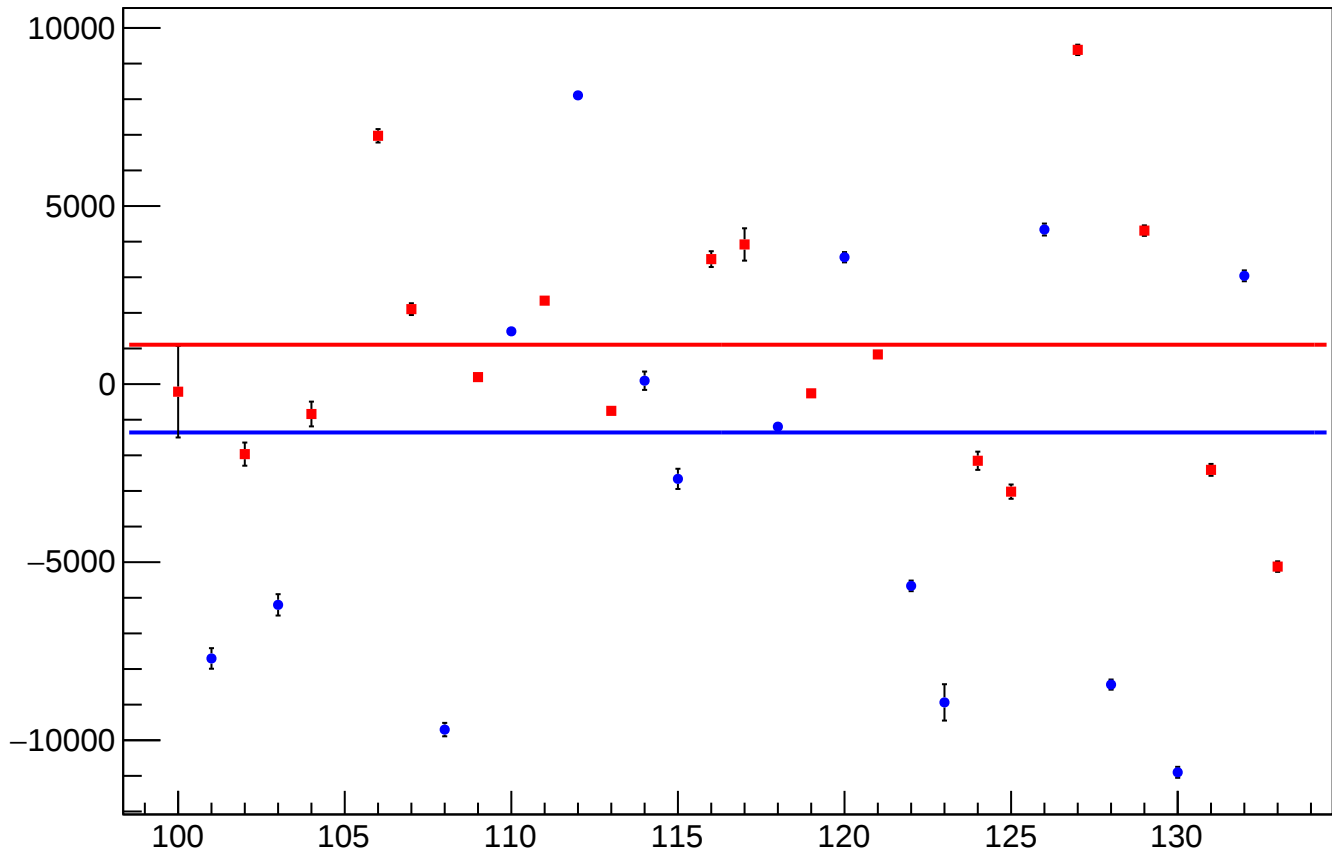
Right Out: 344.881+/-0.100 χ^2/NDF : 809920.1/17

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

361.483+/-0.112 χ^2/NDF : 741596.7/14

344.881+/-0.100 χ^2/NDF : 809920.1/17

asym_bpm1i04WS_mean vs Slug



Right In: -1358.001+/-43.575 χ^2/NDF : 18808.5/14

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

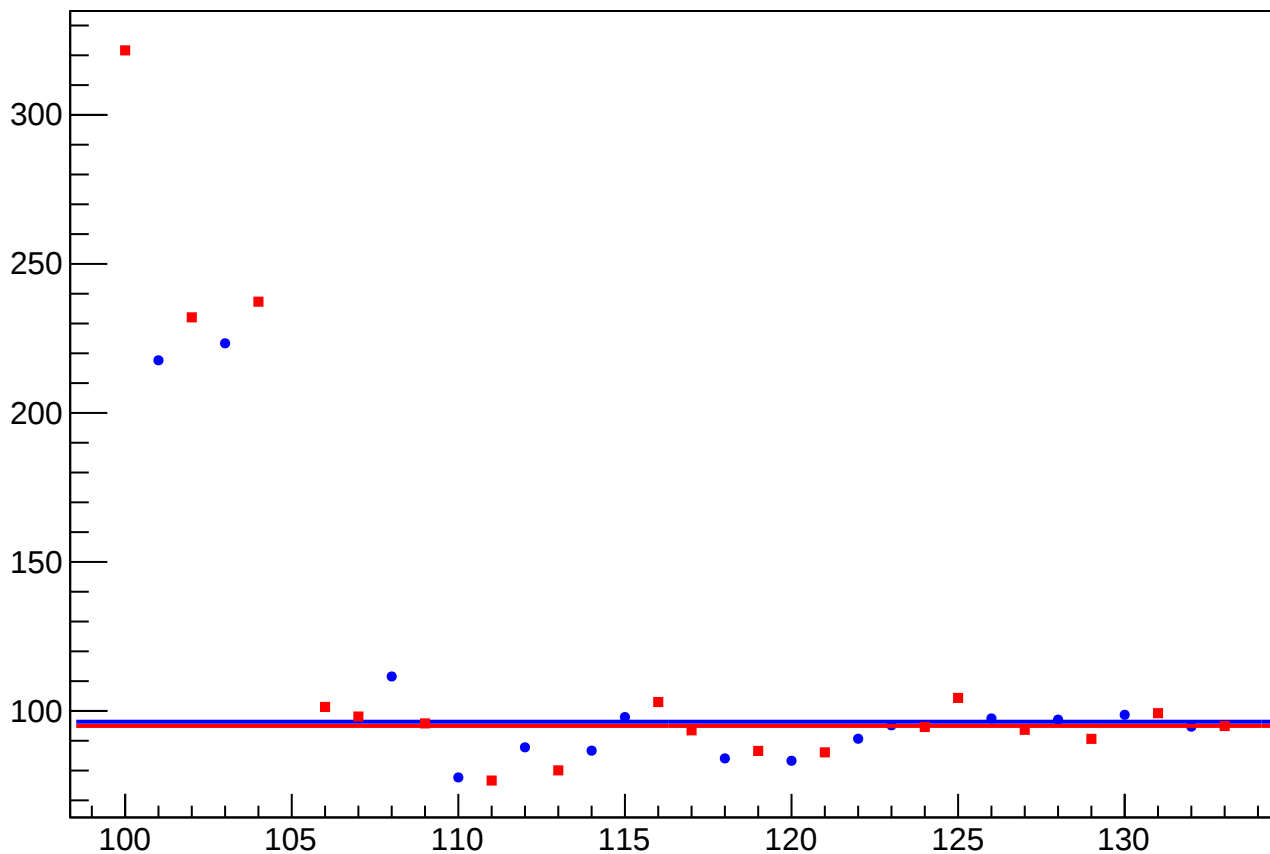
Right Out: 1105.874+/-39.957 χ^2/NDF : 8280.0/17

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

-1358.001+/-43.575 χ^2/NDF : 18808.5/14

1105.874+/-39.957 χ^2/NDF : 8280.0/17

asym_bpm1i04WS_rms vs Slug



Right In: 96.390 $\pm$ 0.031 χ^2 /NDF: 814813.2/14

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

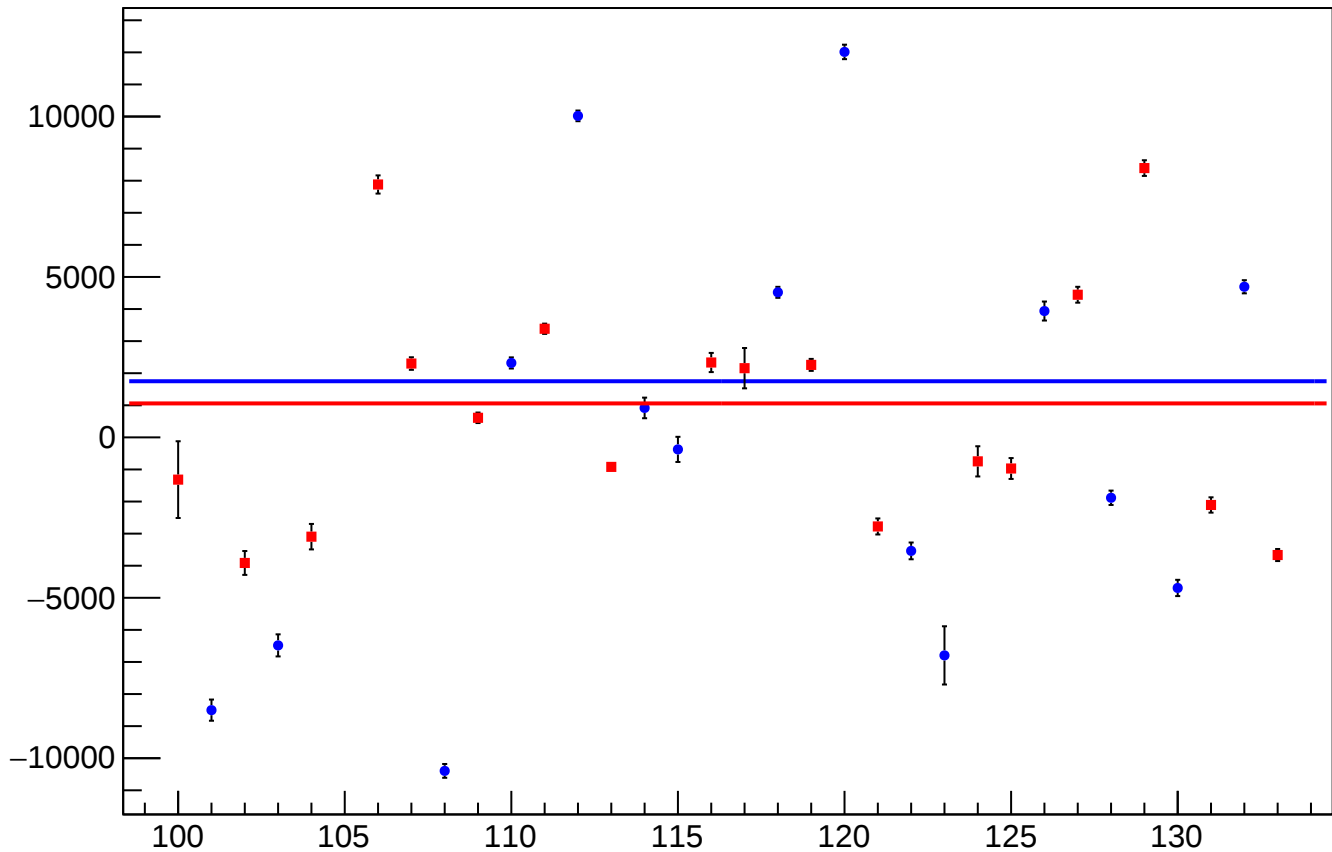
Right Out: 94.976 $\pm$ 0.028 χ^2 /NDF: 858076.8/17

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

96.390 $\pm$ 0.031 χ^2 /NDF: 814813.2/14

94.976 $\pm$ 0.028 χ^2 /NDF: 858076.8/17

asym_bpm1i06WS_mean vs Slug



Right In: 1749.747+/-61.444 χ^2/NDF : 11231.4/14

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

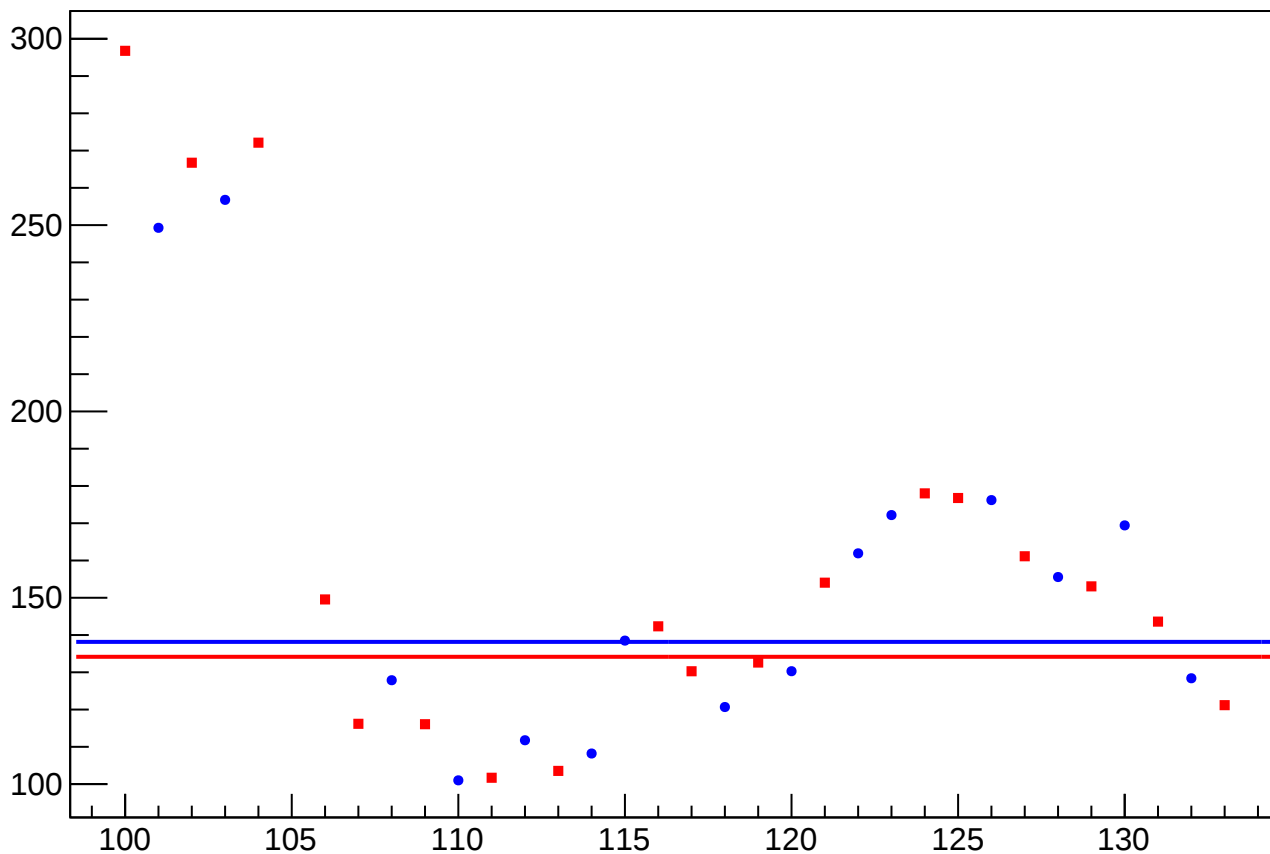
Right Out: 1058.292+/-55.830 χ^2/NDF : 3535.1/17

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

1749.747+/-61.444 χ^2/NDF : 11231.4/14

1058.292+/-55.830 χ^2/NDF : 3535.1/17

asym_bpm1i06WS_rms vs Slug



Right In: 138.161+/-0.043 χ^2/NDF : 750222.7/14

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

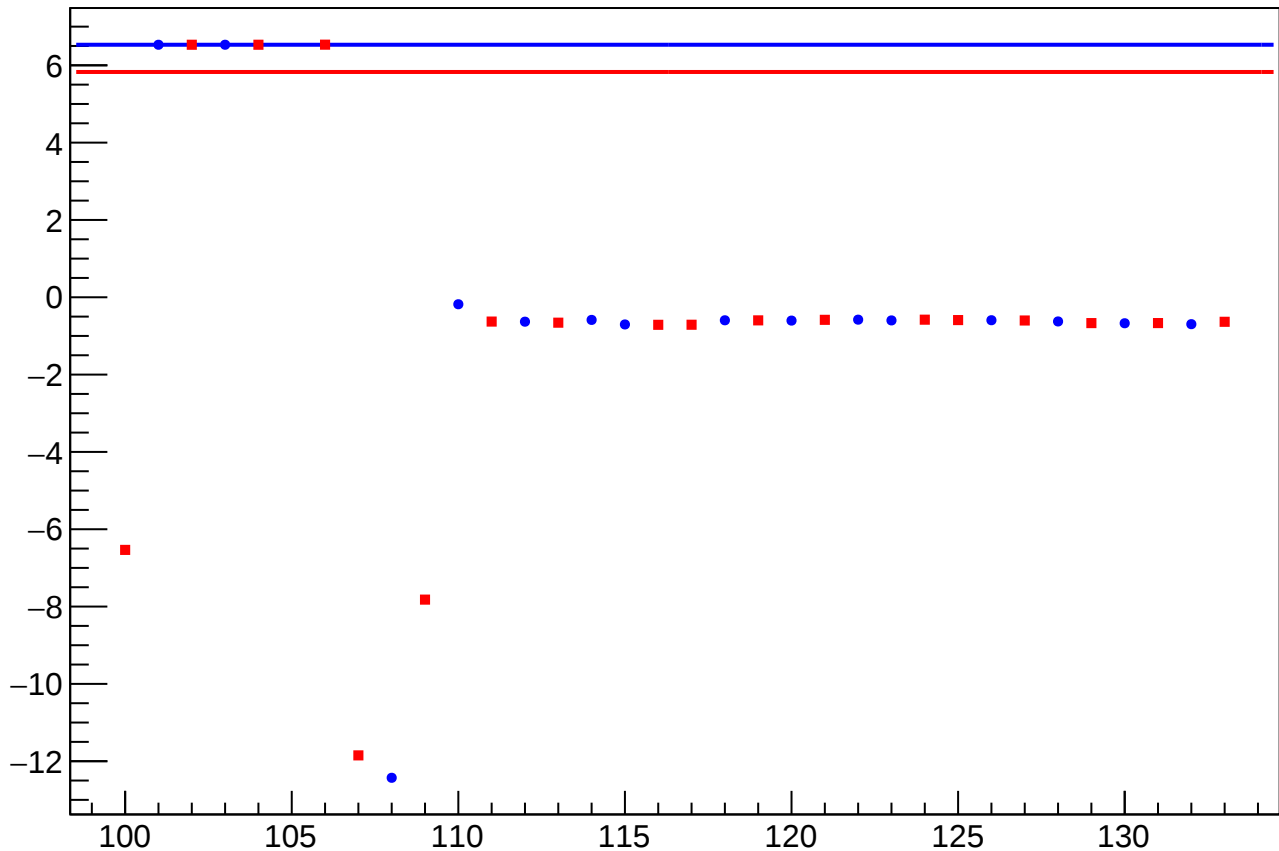
Right Out: 134.159+/-0.039 χ^2/NDF : 852134.7/17

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

138.161+/-0.043 χ^2/NDF : 750222.7/14

134.159+/-0.039 χ^2/NDF : 852134.7/17

yield_cav4bX_mean vs Slug



Right In: 6.532+/-0.000 χ^2/NDF : 98001152794.4/14

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

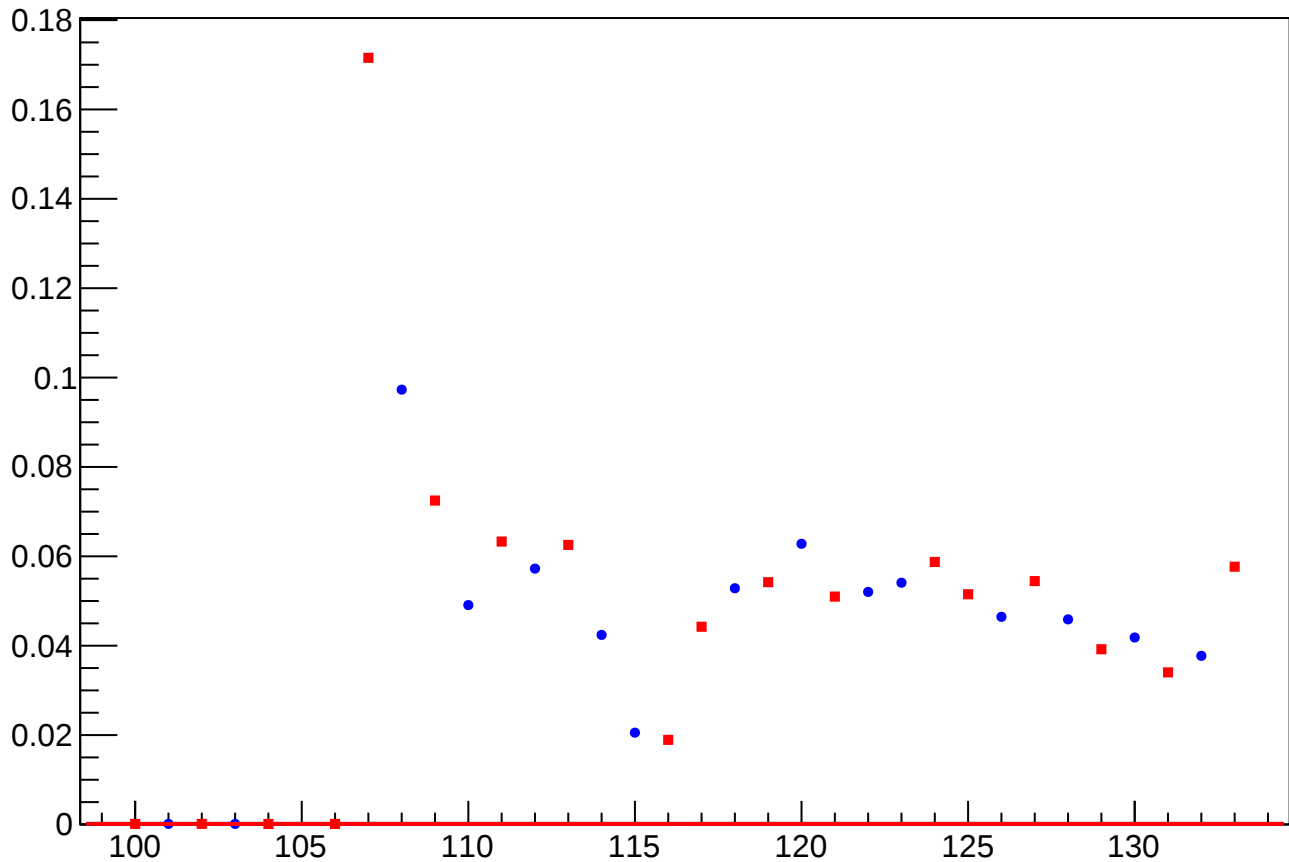
6.532+/-0.000 χ^2/NDF : 98001152794.4/14

Right Out: 5.827+/-0.000 χ^2/NDF : 755932992759489.6/17

5.827+/-0.000 χ^2/NDF : 755932992759489.6/17

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

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 7565033.0/14

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

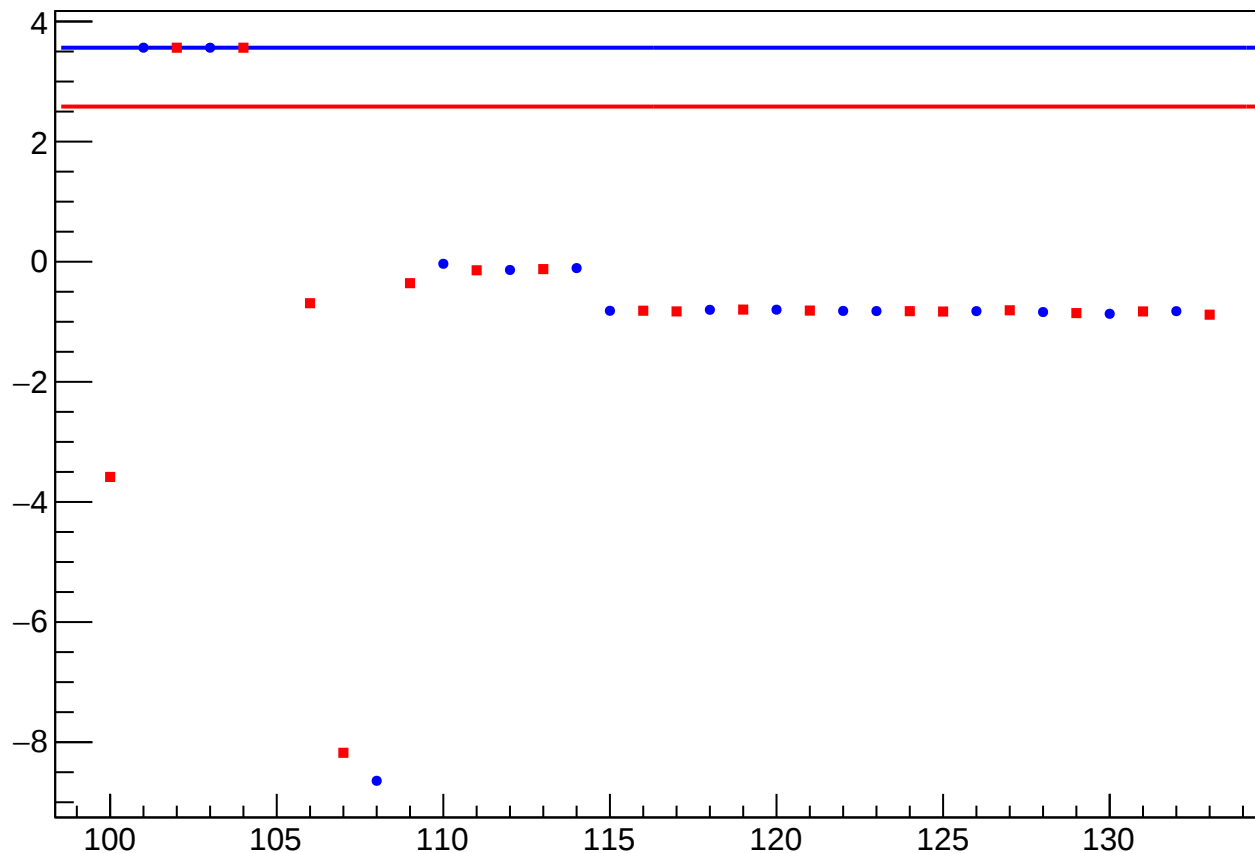
Right Out: 0.000+/-0.000 χ^2/NDF : 8423360.9/17

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

0.000+/-0.000 χ^2/NDF : 7565033.0/14

0.000+/-0.000 χ^2/NDF : 8423360.9/17

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 303145430635.7/14

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

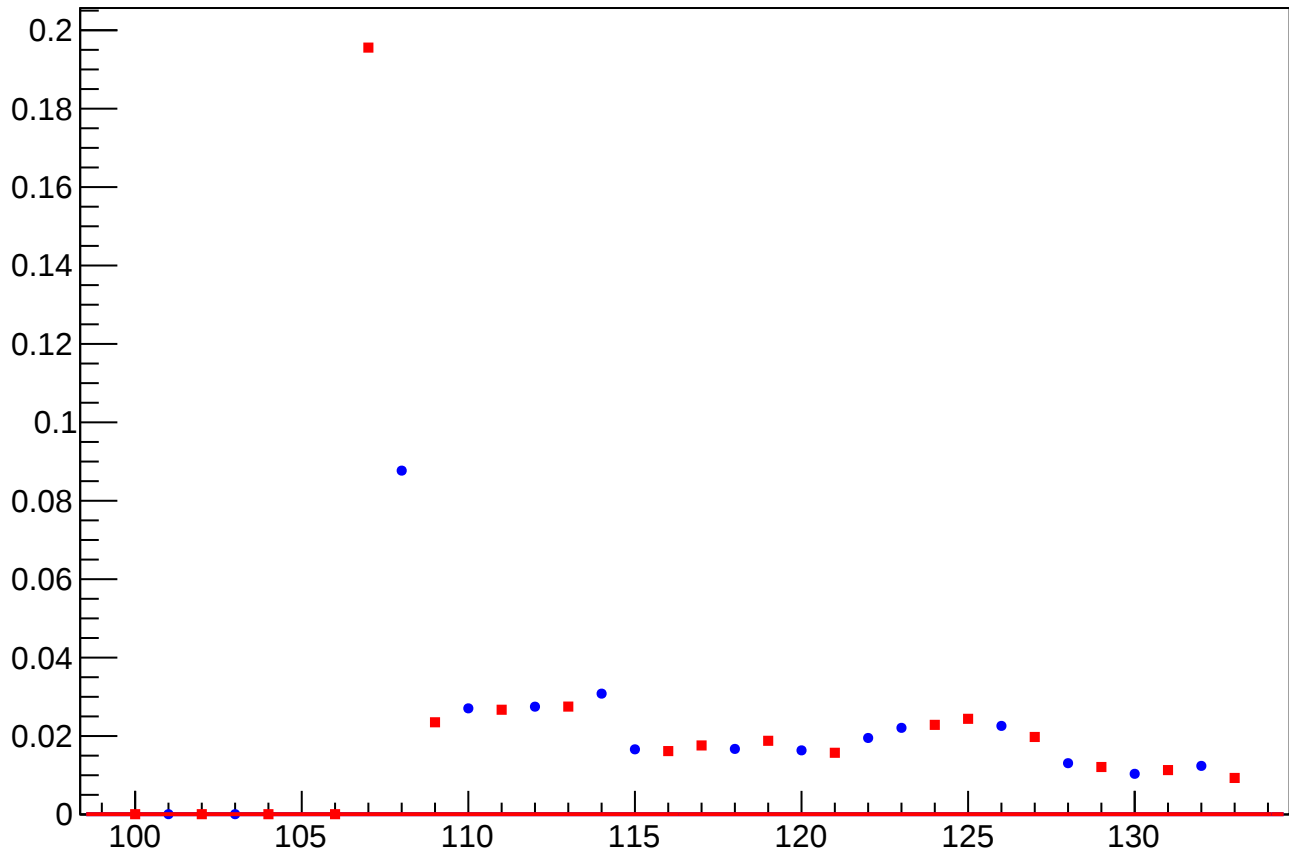
Right Out: 2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

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

3.563+/-0.000 χ^2/NDF : 303145430635.7/14

2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8168465.6/14

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

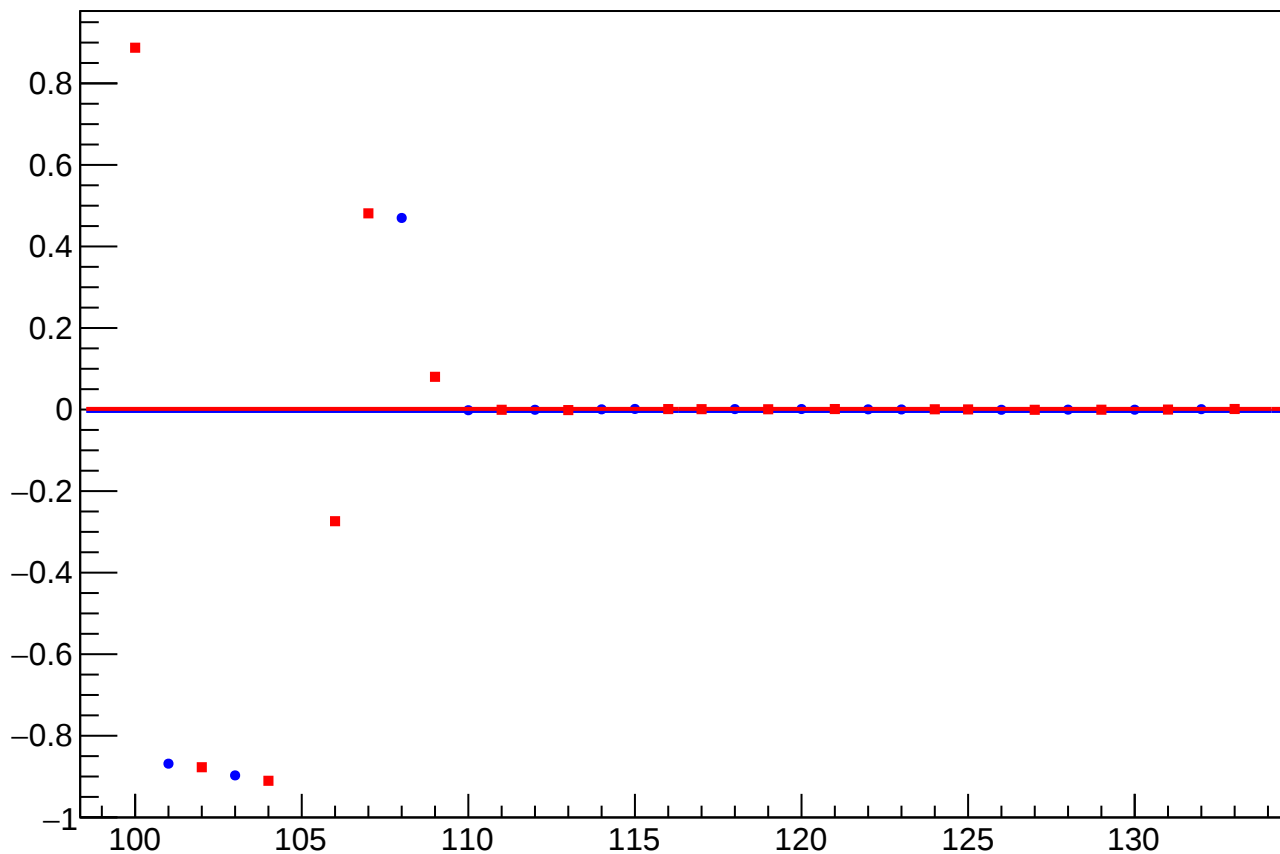
Right Out: 0.000+/-0.000 χ^2/NDF : 8866504.1/17

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

0.000+/-0.000 χ^2/NDF : 8168465.6/14

0.000+/-0.000 χ^2/NDF : 8866504.1/17

yield_cav4cX_mean vs Slug



Right In: -0.003+/-0.000 χ^2/NDF : 9789055442.1/14

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

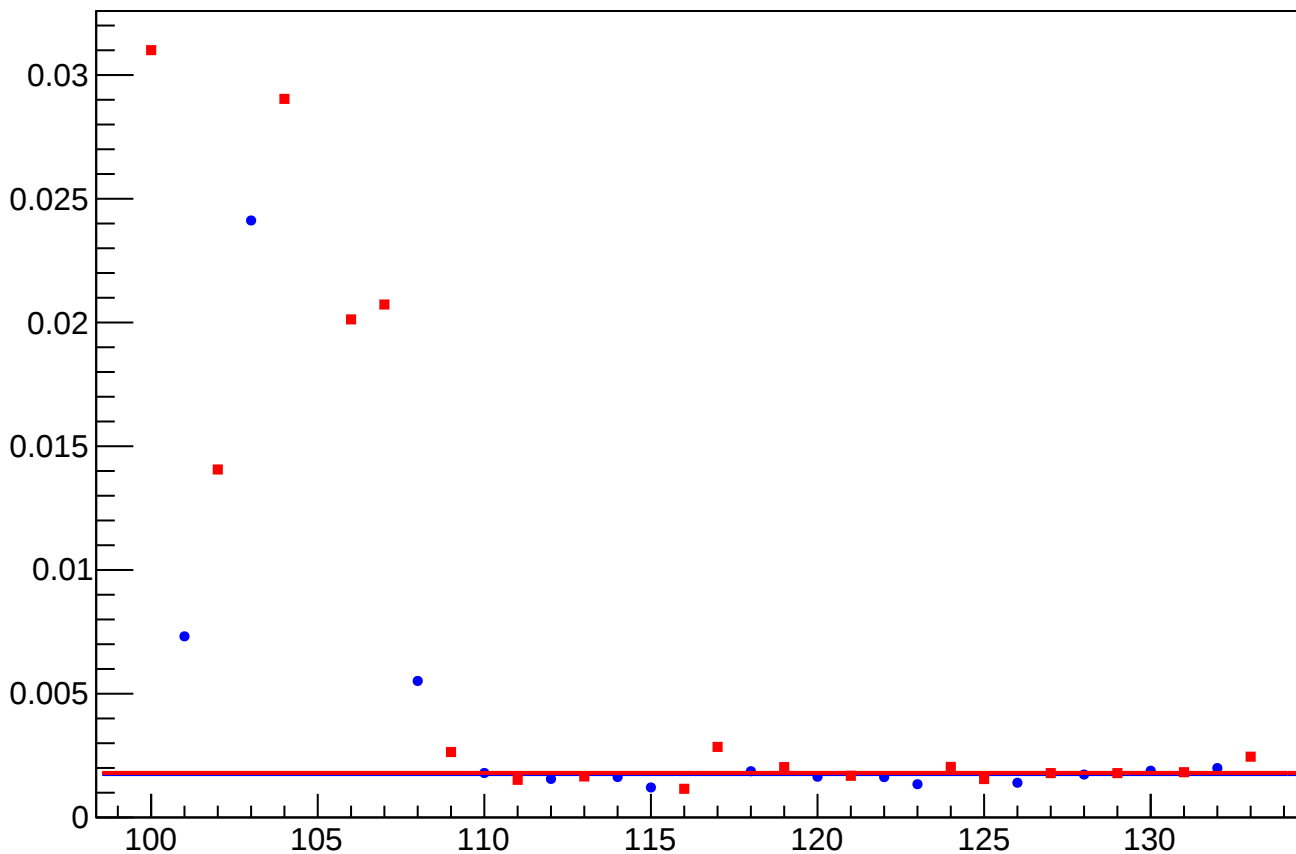
Right Out: 0.002+/-0.000 χ^2/NDF : 3040514278.8/17

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

-0.003+/-0.000 χ^2/NDF : 9789055442.1/14

0.002+/-0.000 χ^2/NDF : 3040514278.8/17

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1766872.2/14

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

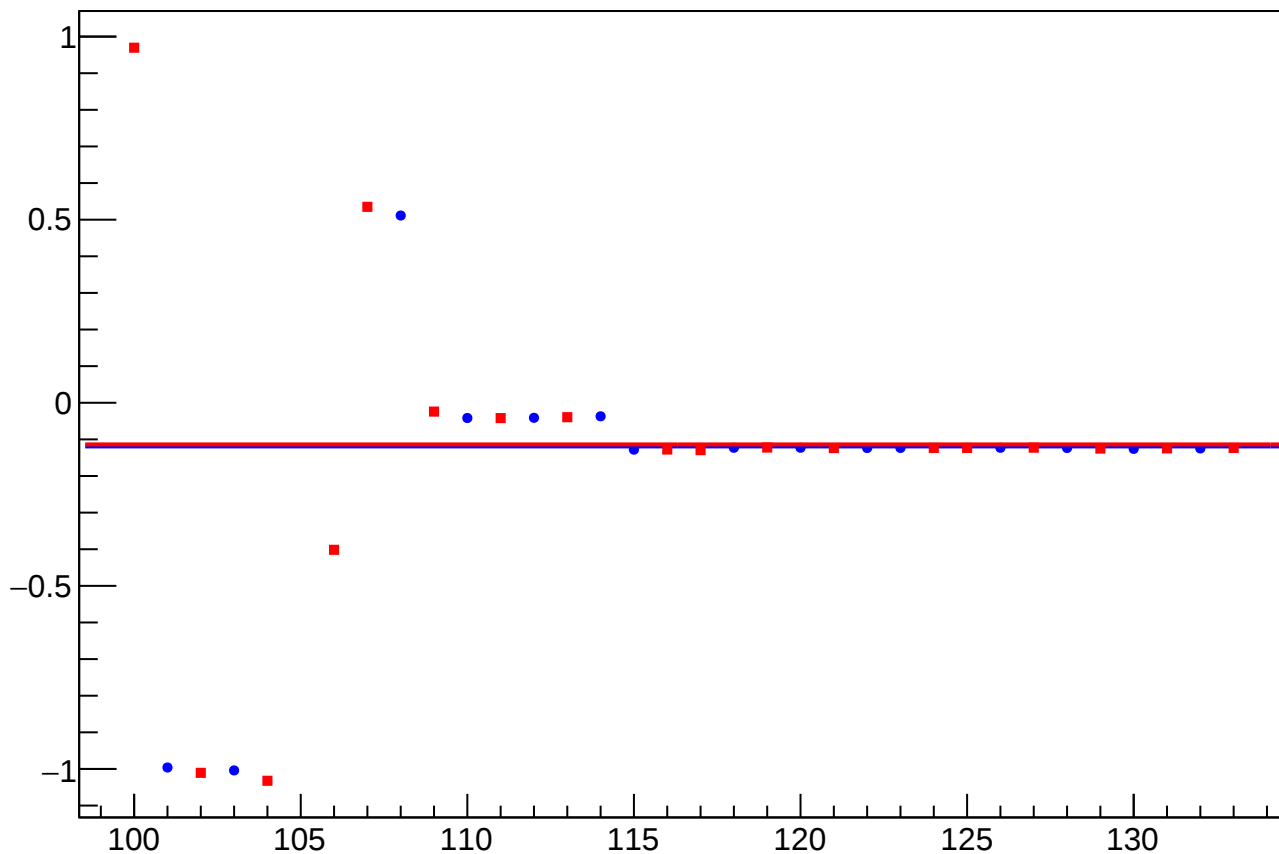
Right Out: 0.002+/-0.000 χ^2/NDF : 2922822.4/17

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

0.002+/-0.000 χ^2/NDF : 1766872.2/14

0.002+/-0.000 χ^2/NDF : 2922822.4/17

yield_cav4cY_mean vs Slug



Right In: -0.119+/-0.000 χ^2/NDF : 3926411424.9/14

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

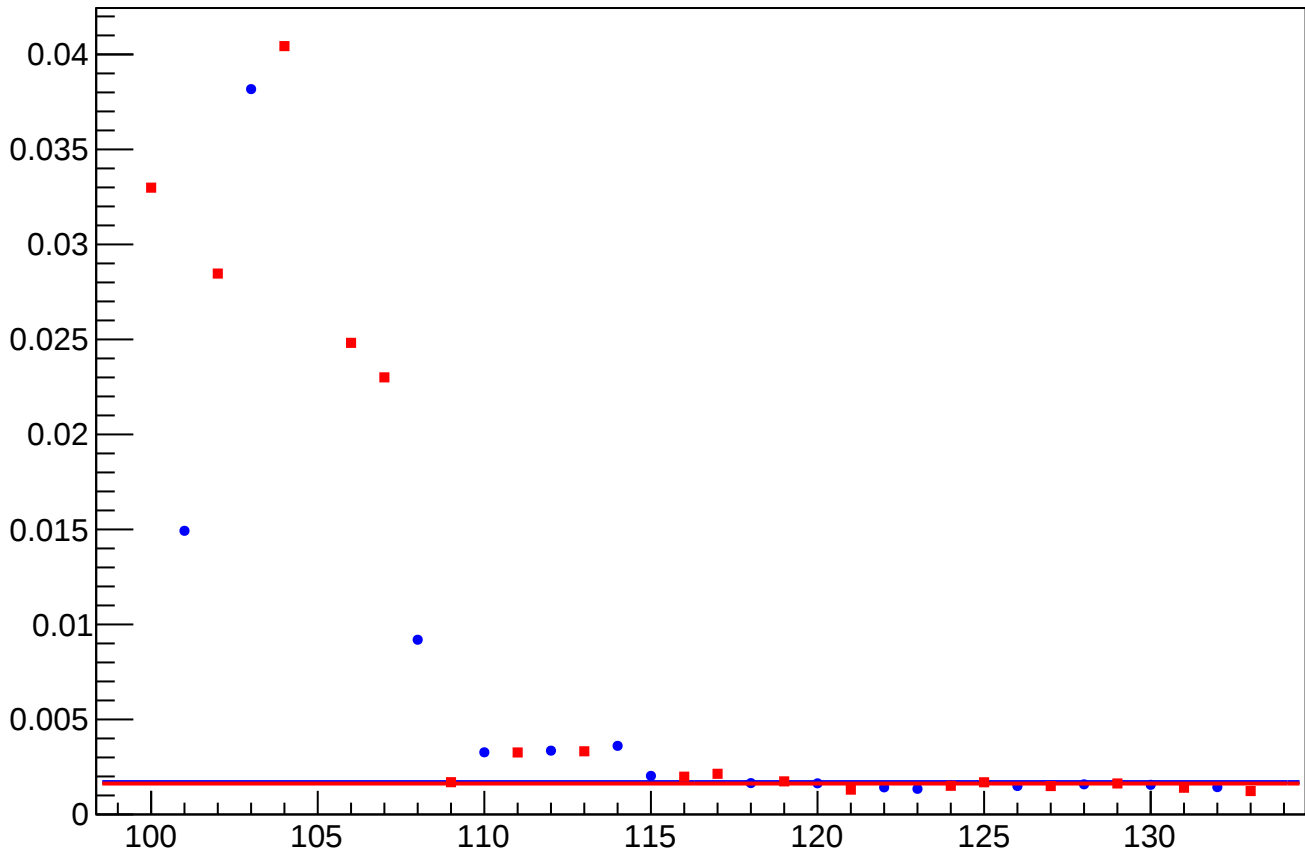
Right Out: -0.114+/-0.000 χ^2/NDF : 2431711227.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.119+/-0.000 χ^2/NDF : 3926411424.9/14

-0.114+/-0.000 χ^2/NDF : 2431711227.5/17

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2707338.0/14

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

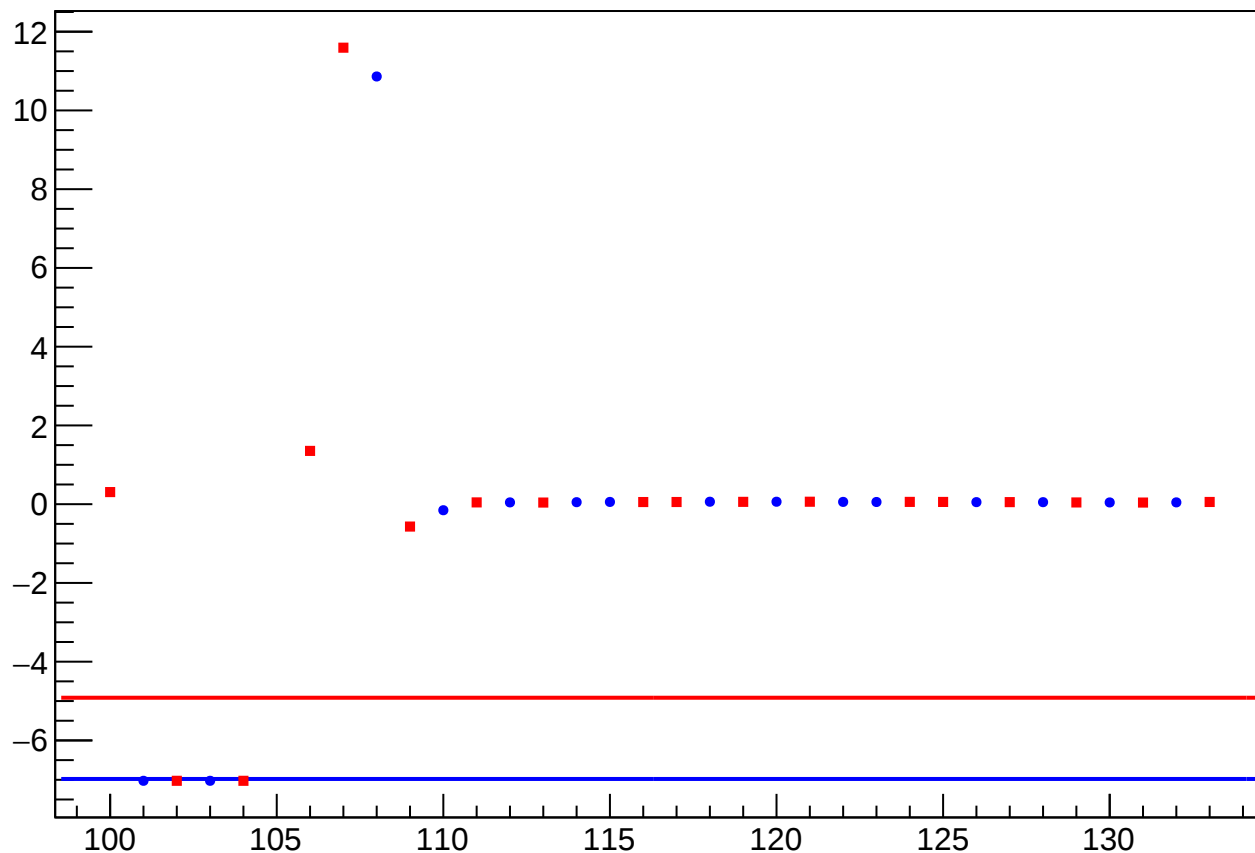
Right Out: 0.002+/-0.000 χ^2/NDF : 3431470.8/17

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

0.002+/-0.000 χ^2/NDF : 2707338.0/14

0.002+/-0.000 χ^2/NDF : 3431470.8/17

yield_cav4dX_mean vs Slug



Right In: -6.979+/-0.000 χ^2/NDF : 8111834933355.4/14

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

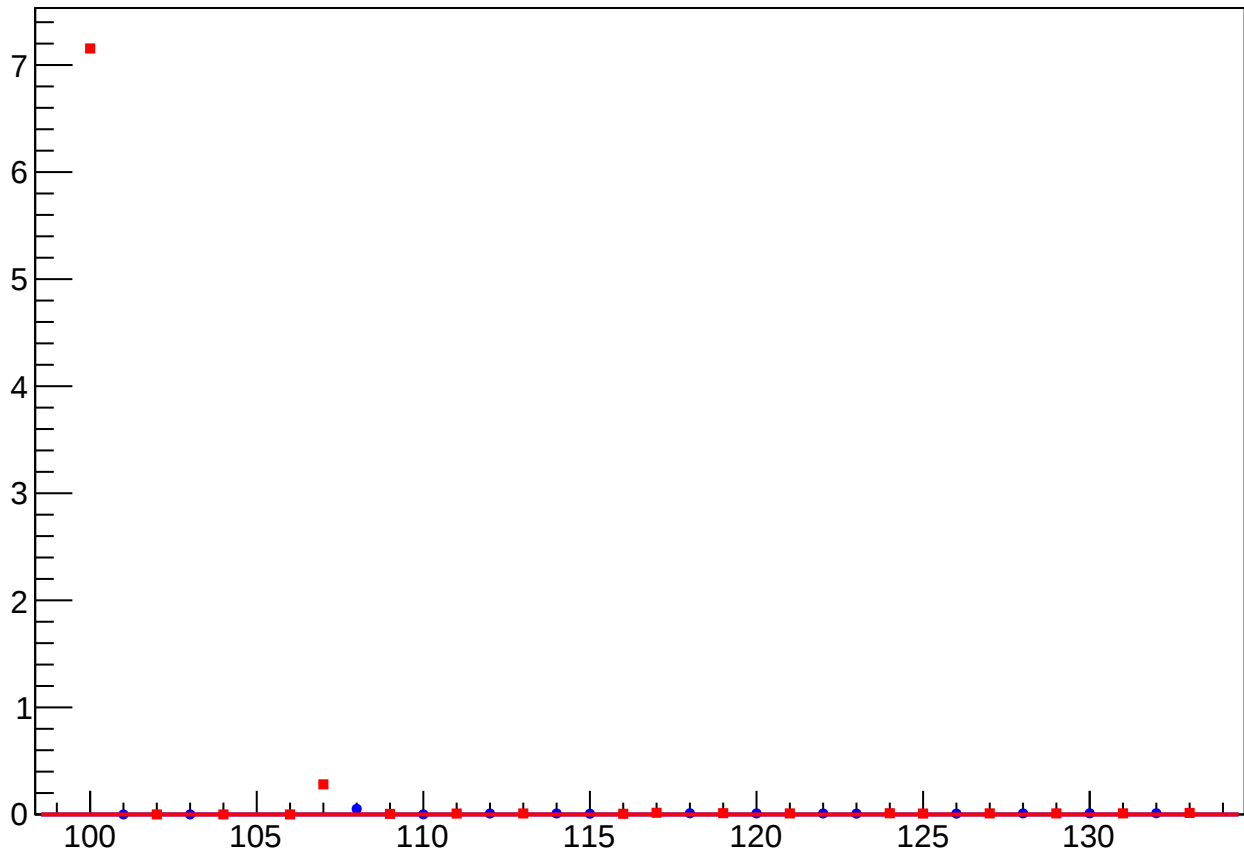
Right Out: -4.915+/-0.000 χ^2/NDF : 365128942058203.9/17

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

-6.979+/-0.000 χ^2/NDF : 8111834933355.4/14

-4.915+/-0.000 χ^2/NDF : 365128942058203.9/17

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 6815592.5/14

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

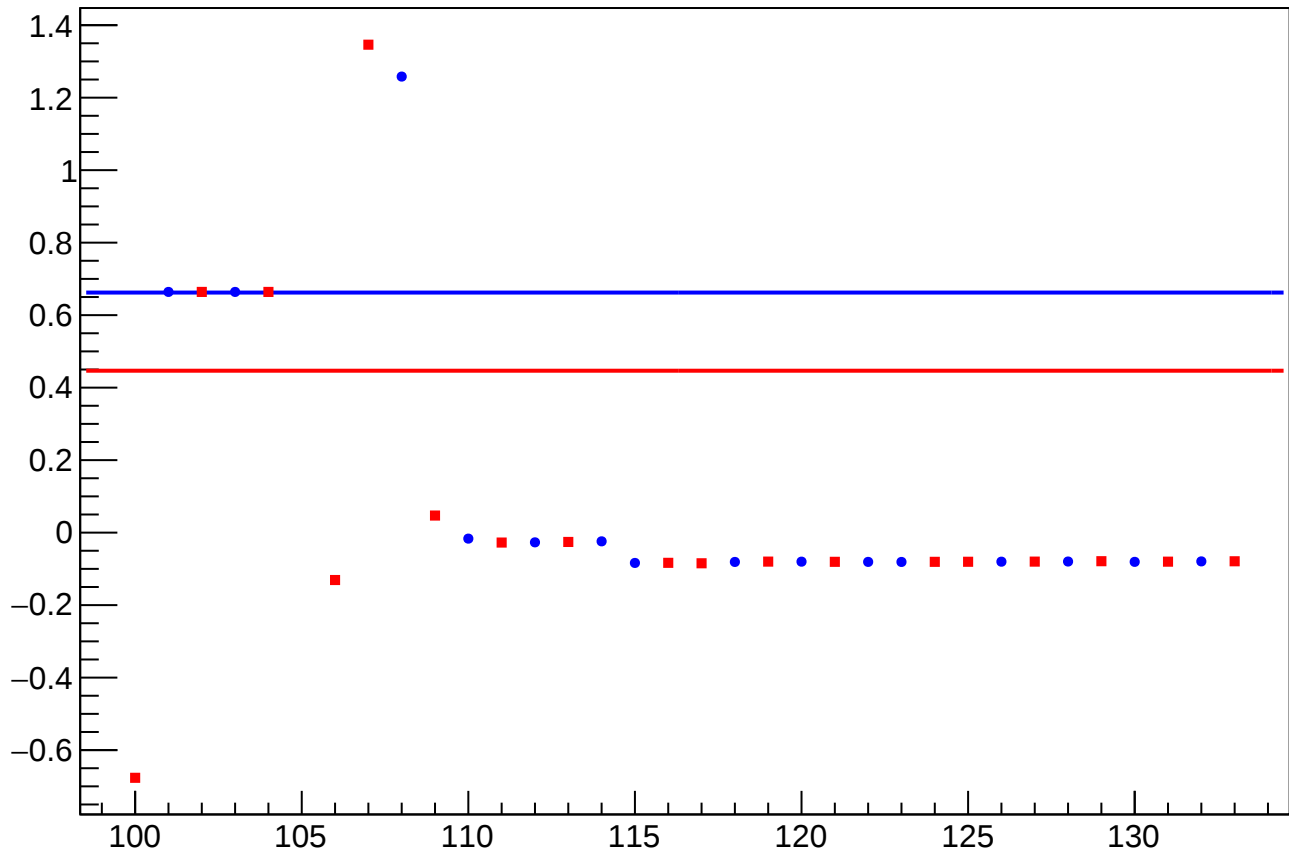
Right Out: 0.000+/-0.000 χ^2/NDF : 7833167.3/17

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

0.000+/-0.000 χ^2/NDF : 6815592.5/14

0.000+/-0.000 χ^2/NDF : 7833167.3/17

yield_cav4dY_mean vs Slug



Right In: 0.662+/-0.000 χ^2/NDF : 3438315967656.2/14

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

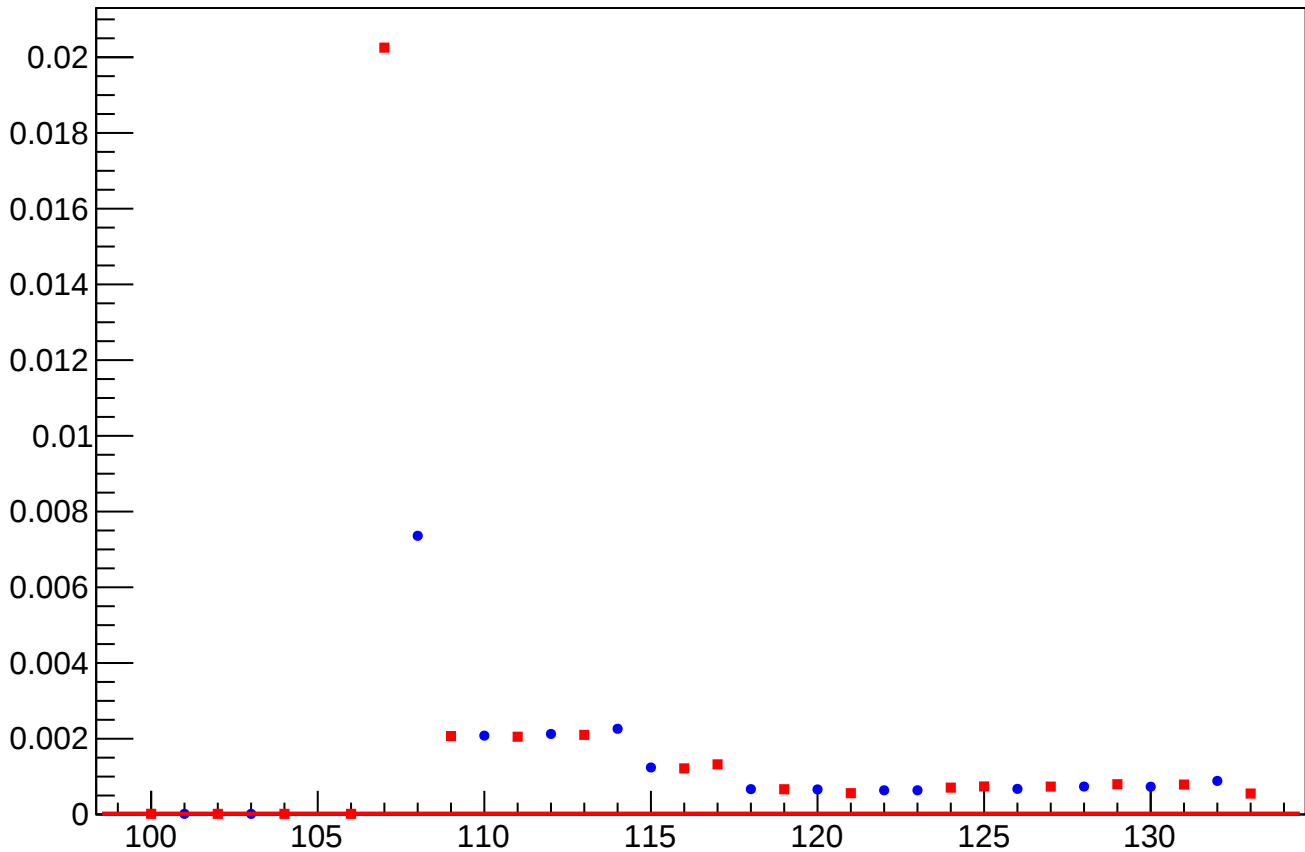
Right Out: 0.447+/-0.000 χ^2/NDF : 404755300374465.2/17

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

0.662+/-0.000 χ^2/NDF : 3438315967656.2/14

0.447+/-0.000 χ^2/NDF : 404755300374465.2/17

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8231031.6/14

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

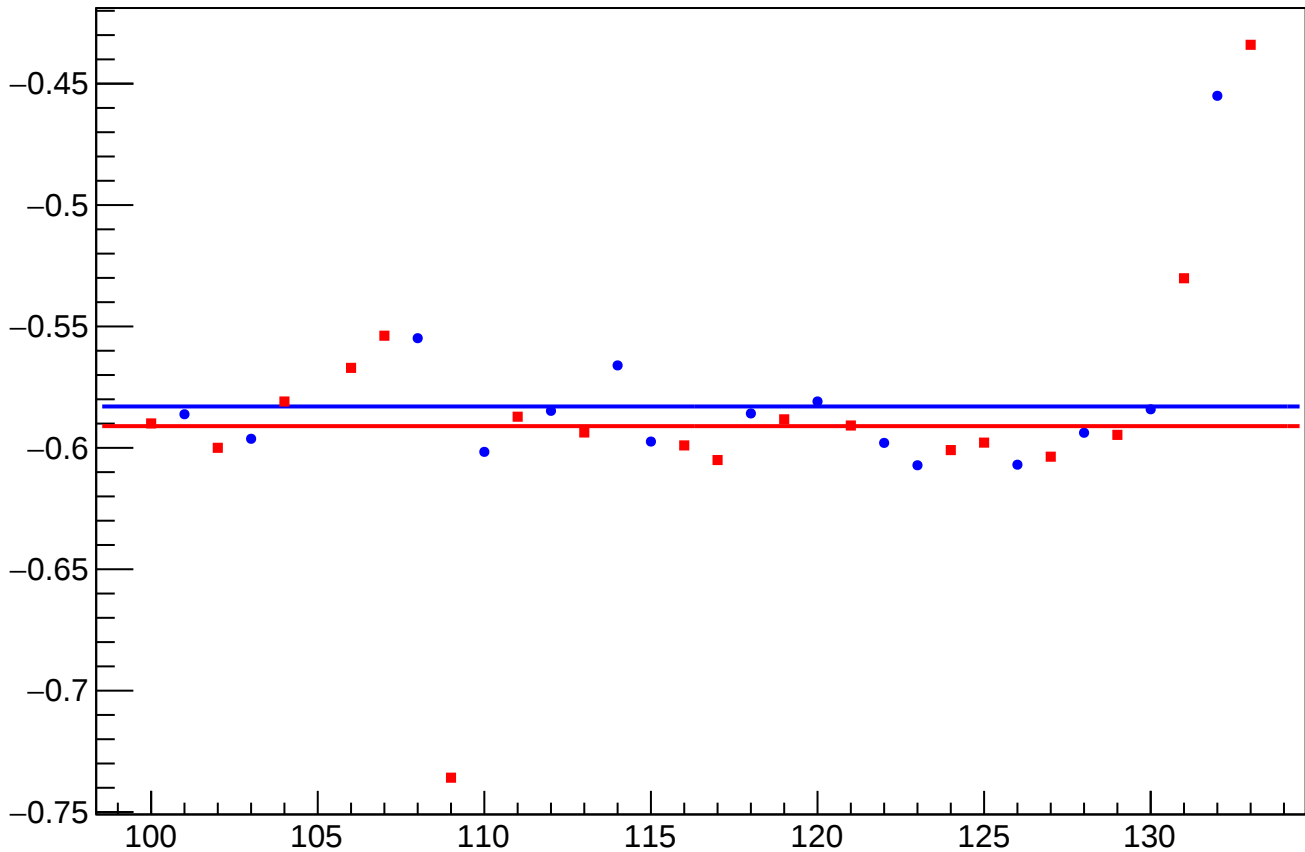
Right Out: 0.000+/-0.000 χ^2/NDF : 8418784.1/17

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

0.000+/-0.000 χ^2/NDF : 8231031.6/14

0.000+/-0.000 χ^2/NDF : 8418784.1/17

yield_bpm4aX_mean vs Slug



Right In: -0.583+/-0.000 χ^2/NDF : 8521334.1/14

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

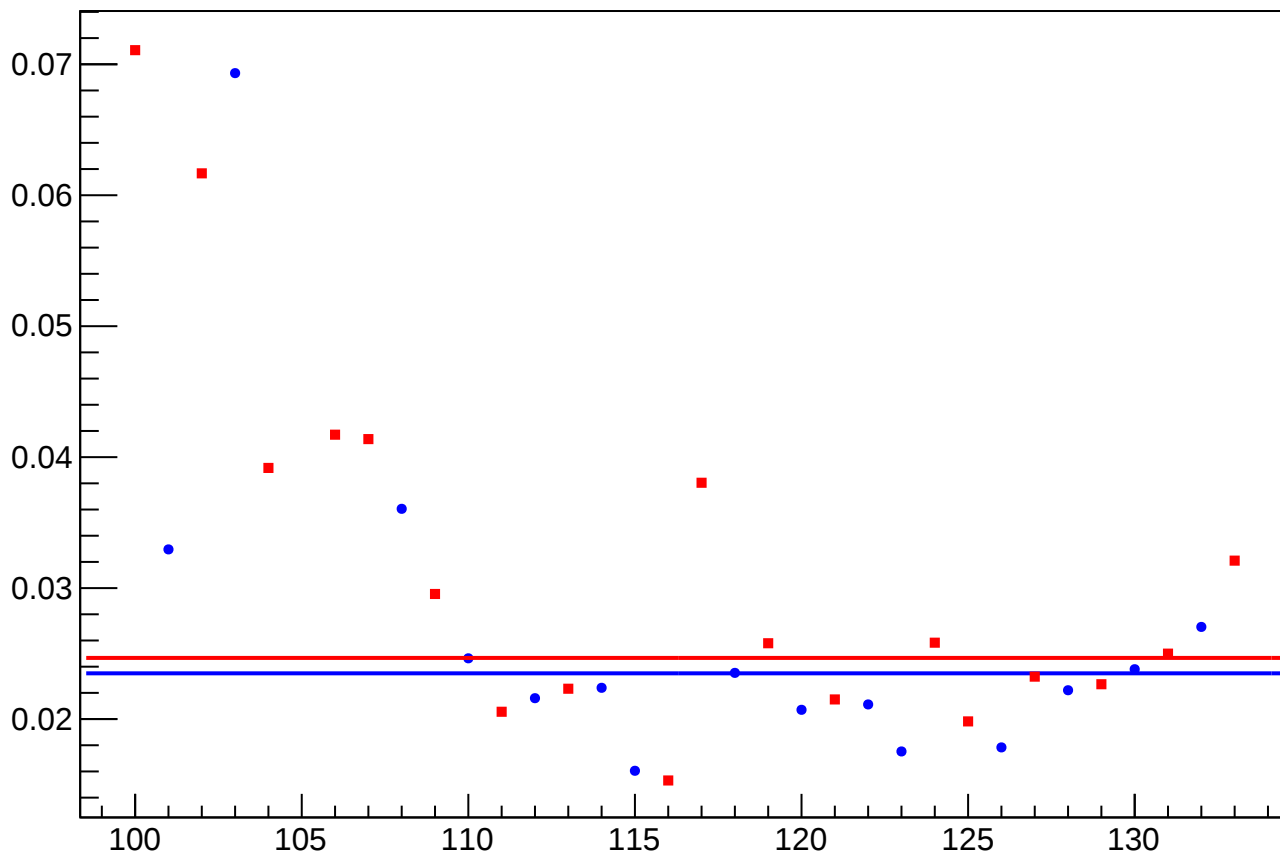
-0.583+/-0.000 χ^2/NDF : 8521334.1/14

Right Out: -0.591+/-0.000 χ^2/NDF : 21329905.9/17

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

-0.591+/-0.000 χ^2/NDF : 21329905.9/17

yield_bpm4aX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 792856.8/14

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

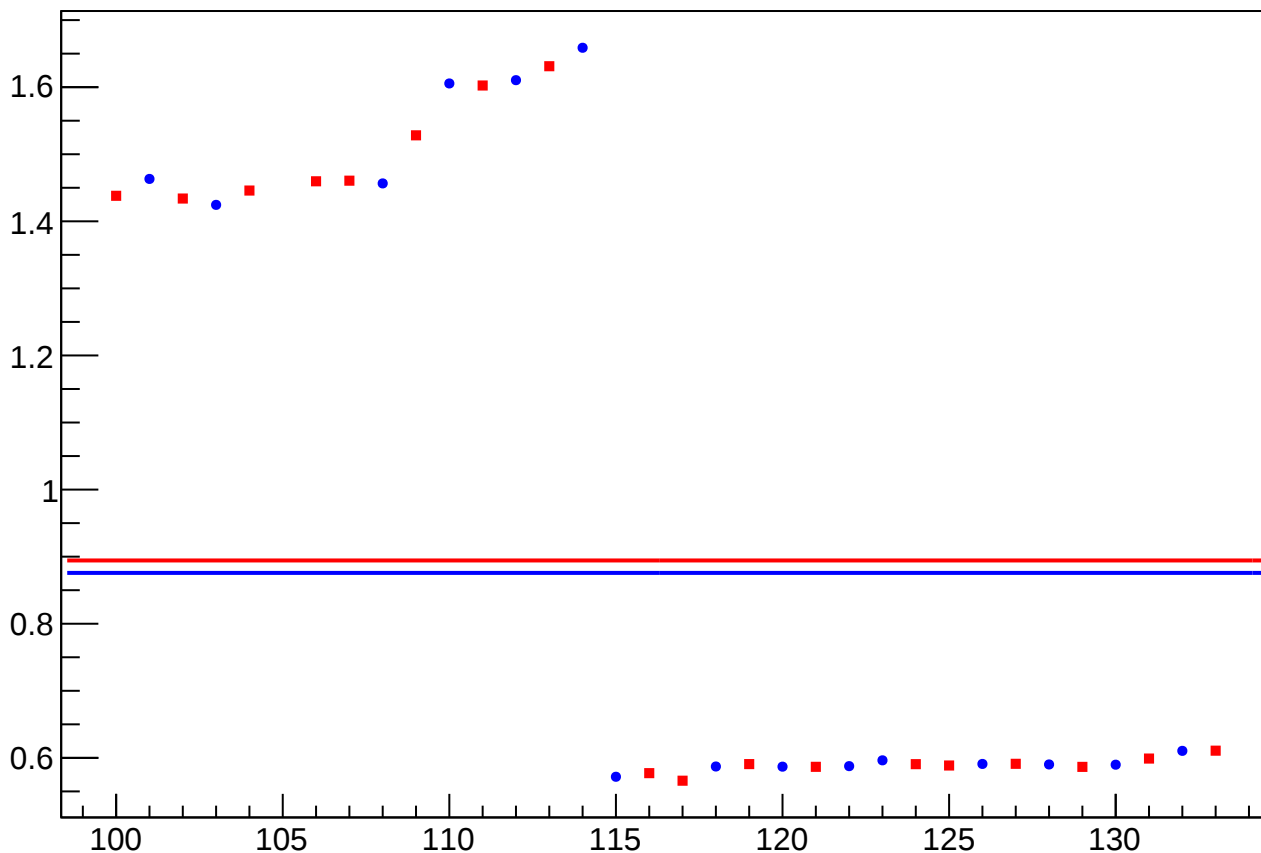
Right Out: 0.025+/-0.000 χ^2/NDF : 994449.4/17

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

0.023+/-0.000 χ^2/NDF : 792856.8/14

0.025+/-0.000 χ^2/NDF : 994449.4/17

yield_bpm4aY_mean vs Slug



Right In: 0.876+/-0.000 χ^2/NDF : 3160376378.2/14

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

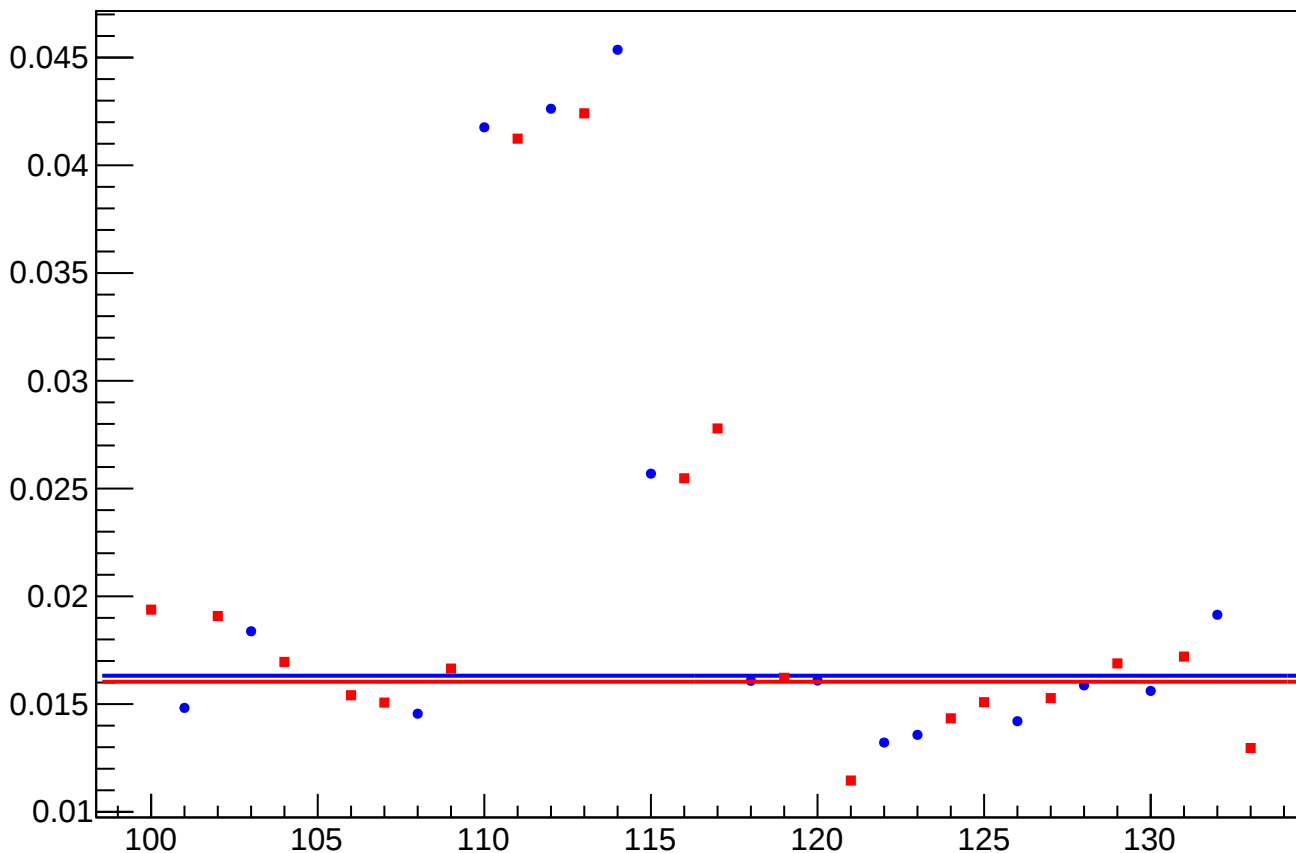
Right Out: 0.894+/-0.000 χ^2/NDF : 3798826320.9/17

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

0.876+/-0.000 χ^2/NDF : 3160376378.2/14

0.894+/-0.000 χ^2/NDF : 3798826320.9/17

yield_bpm4aY_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 817094.5/14

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

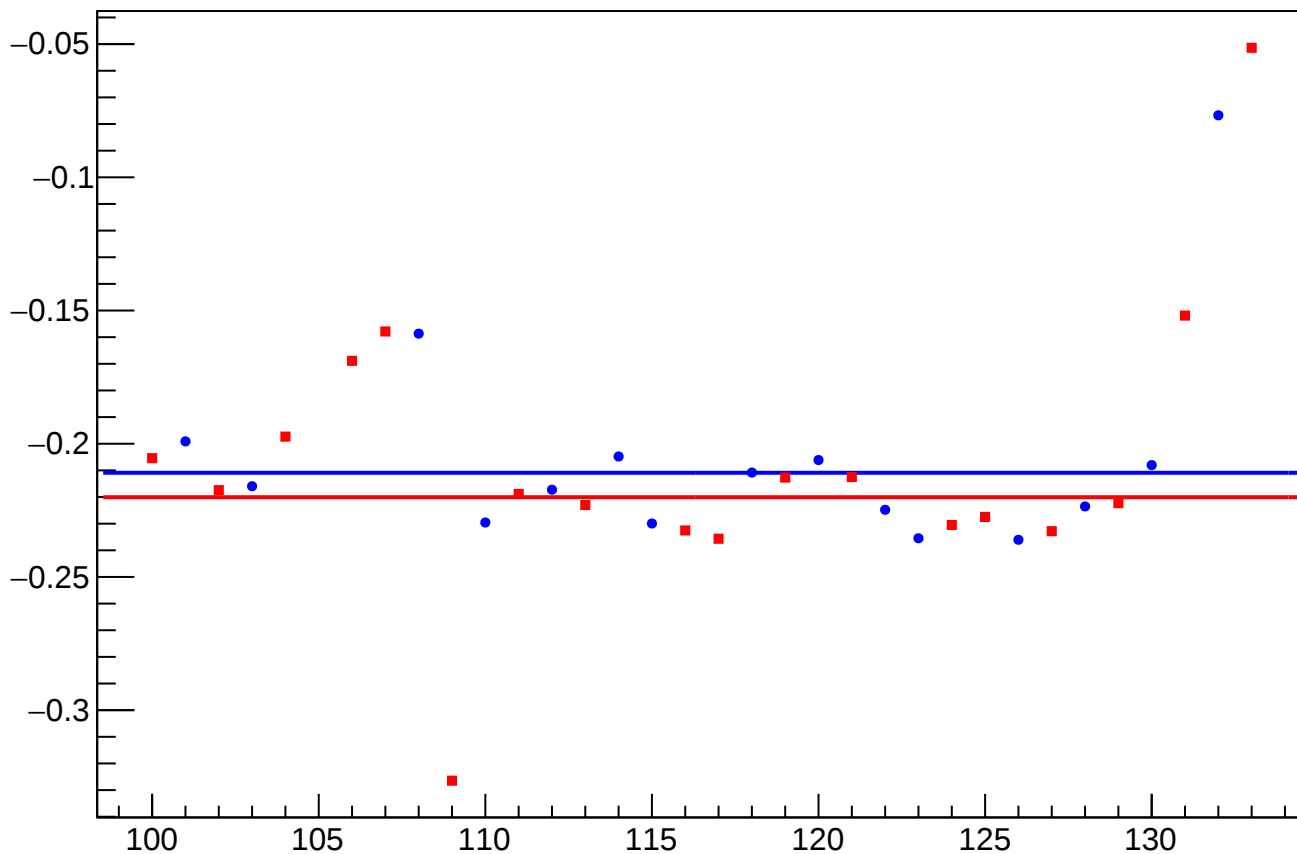
Right Out: 0.016+/-0.000 χ^2/NDF : 934393.5/17

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

0.016+/-0.000 χ^2/NDF : 817094.5/14

0.016+/-0.000 χ^2/NDF : 934393.5/17

yield_bpm4eX_mean vs Slug



Right In: -0.211+/-0.000 χ^2/NDF : 12834040.0/14

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

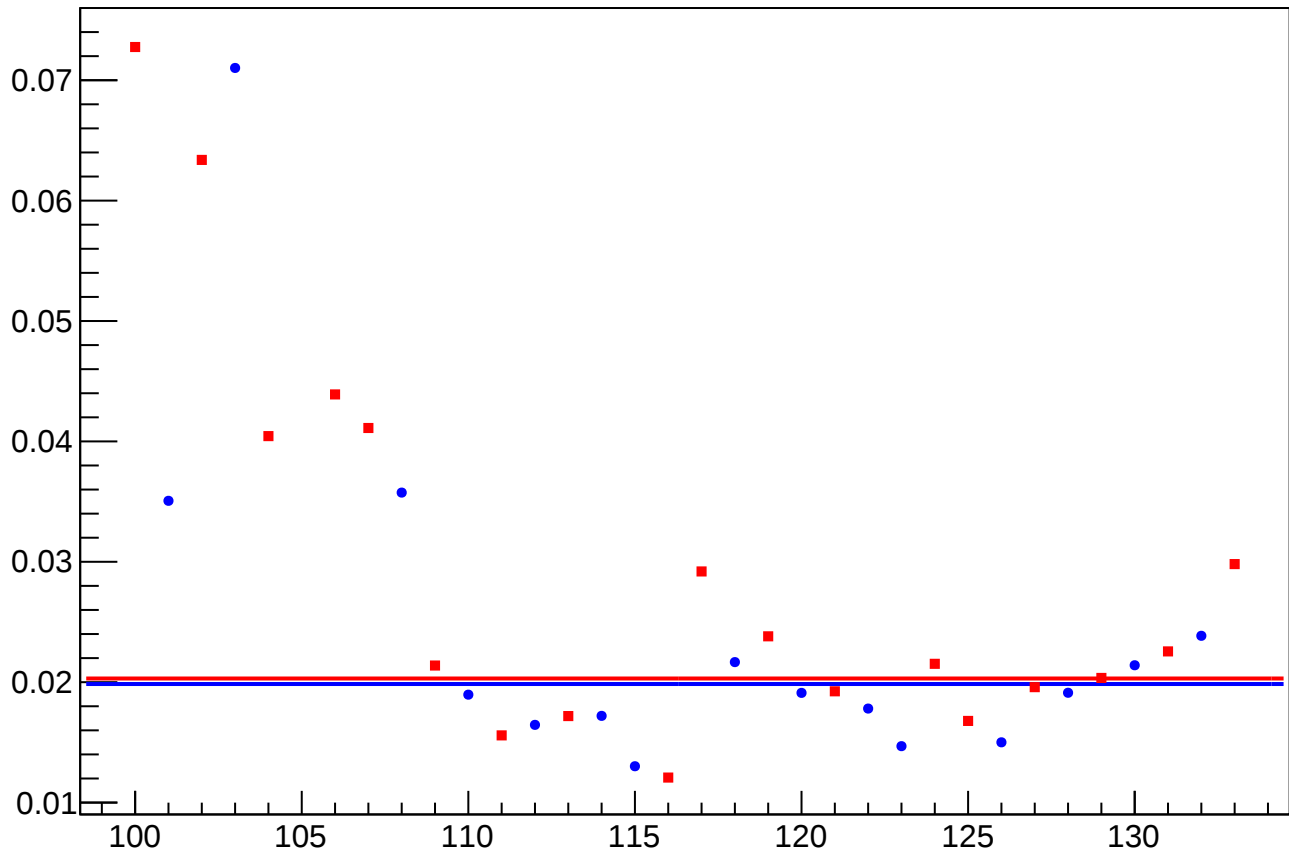
Right Out: -0.220+/-0.000 χ^2/NDF : 26411059.1/17

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

-0.211+/-0.000 χ^2/NDF : 12834040.0/14

-0.220+/-0.000 χ^2/NDF : 26411059.1/17

yield_bpm4eX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1092330.8/14

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

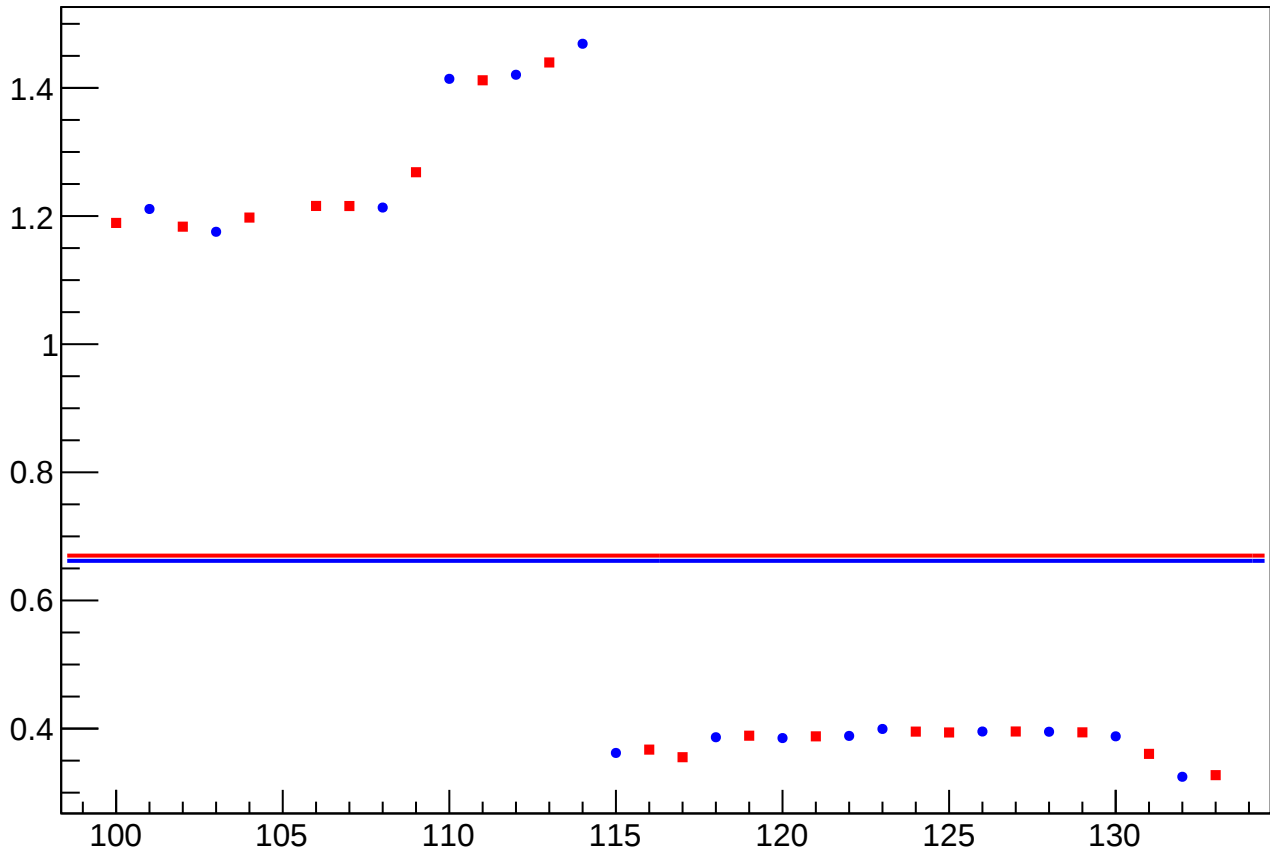
Right Out: 0.020+/-0.000 χ^2/NDF : 1402521.1/17

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

0.020+/-0.000 χ^2/NDF : 1092330.8/14

0.020+/-0.000 χ^2/NDF : 1402521.1/17

yield_bpm4eY_mean vs Slug



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 4169444159.2/14

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

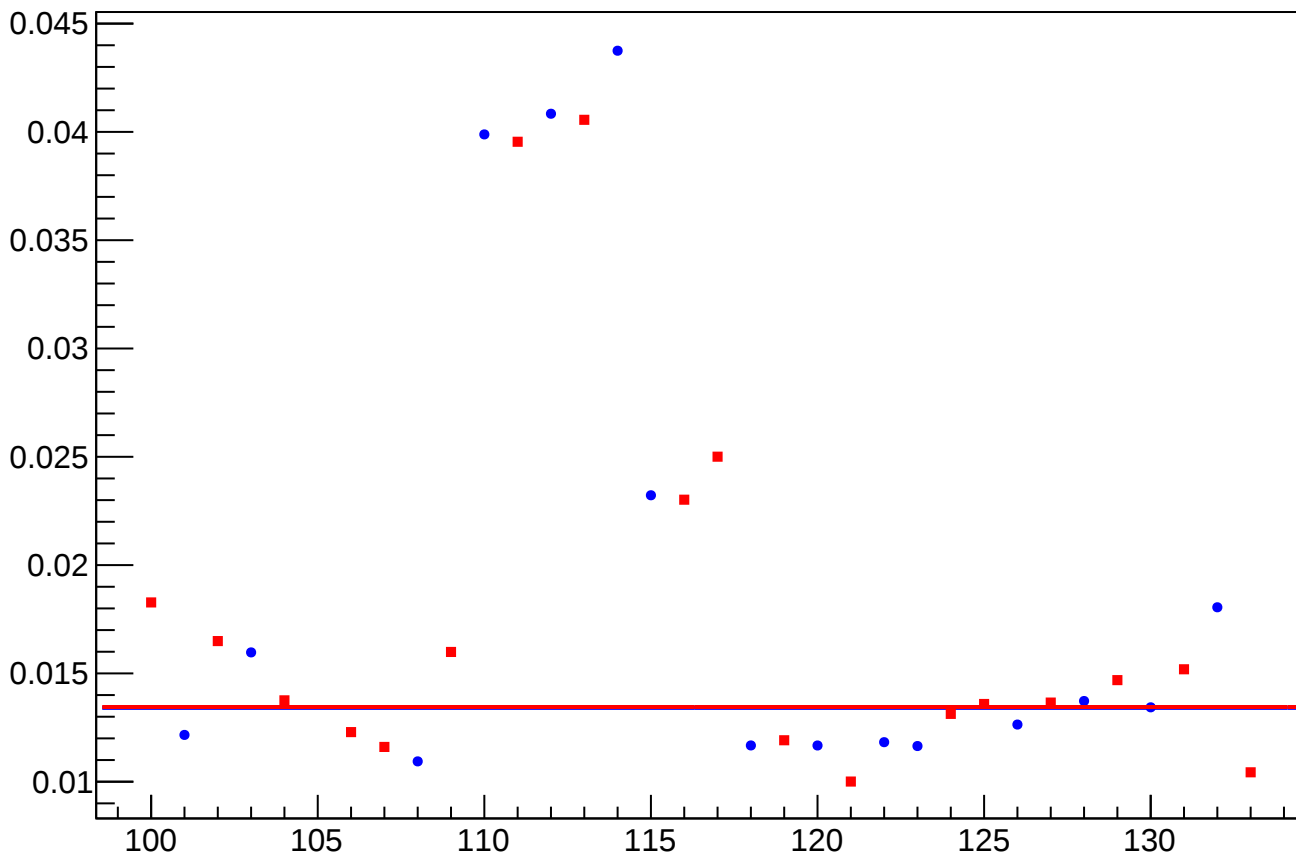
0.662 $\pm$ 0.000 χ^2 /NDF: 4169444159.2/14

Right Out: 0.670 $\pm$ 0.000 χ^2 /NDF: 4880277411.2/17

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

0.670 $\pm$ 0.000 χ^2 /NDF: 4880277411.2/17

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1005500.5/14

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

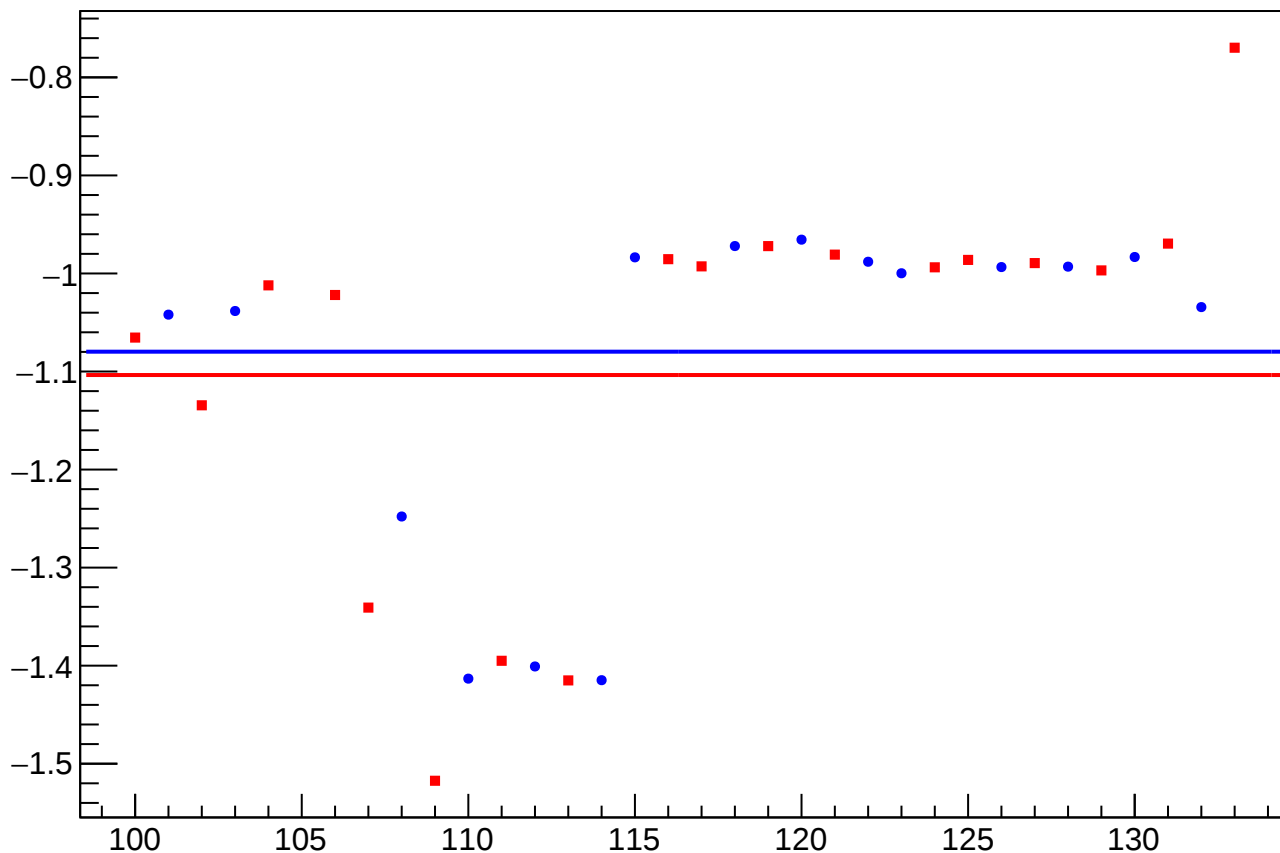
Right Out: 0.013+/-0.000 χ^2/NDF : 1101617.4/17

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

0.013+/-0.000 χ^2/NDF : 1005500.5/14

0.013+/-0.000 χ^2/NDF : 1101617.4/17

yield_bpm4acX_mean vs Slug



Right In: -1.080+/-0.000 χ^2/NDF : 226697046.8/14

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

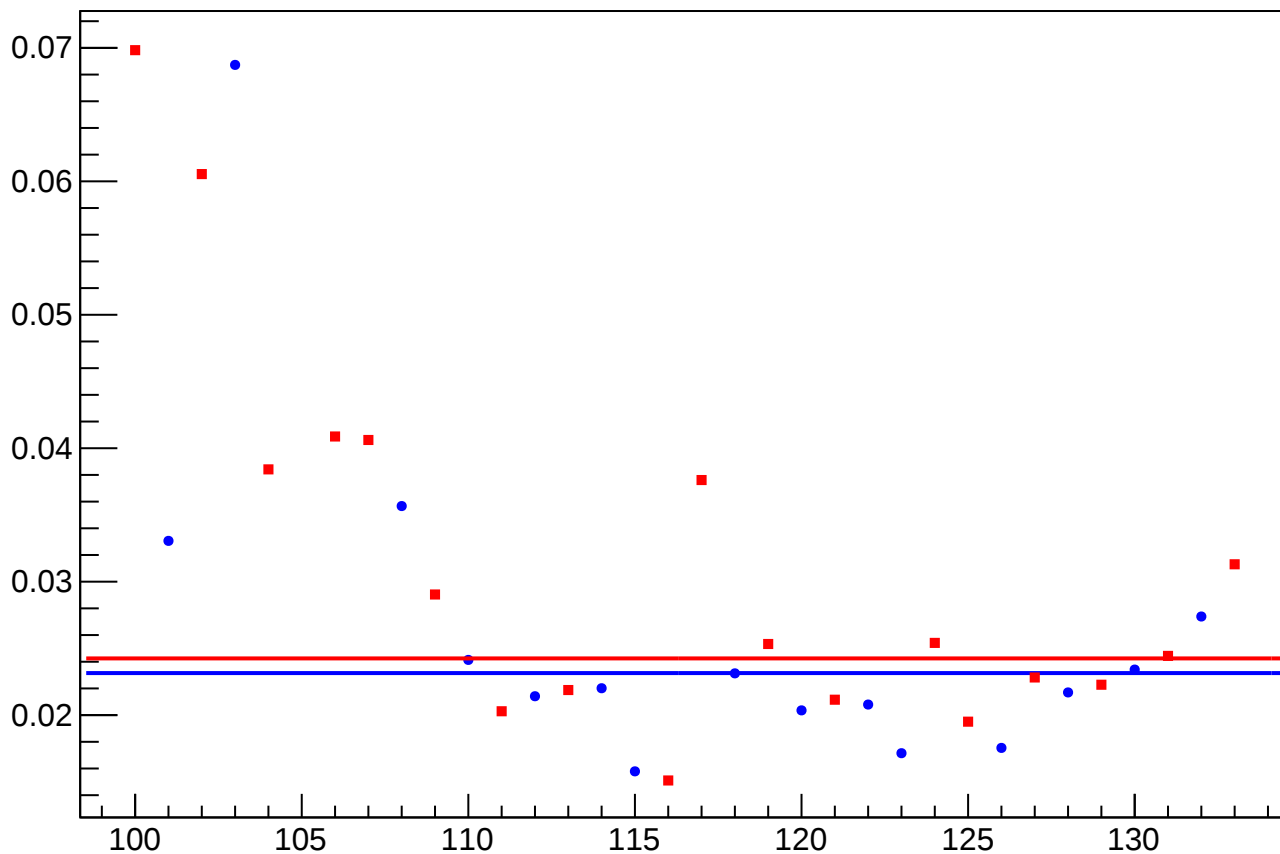
Right Out: -1.104+/-0.000 χ^2/NDF : 365225342.4/17

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

-1.080+/-0.000 χ^2/NDF : 226697046.8/14

-1.104+/-0.000 χ^2/NDF : 365225342.4/17

yield_bpm4acX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 808974.1/14

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

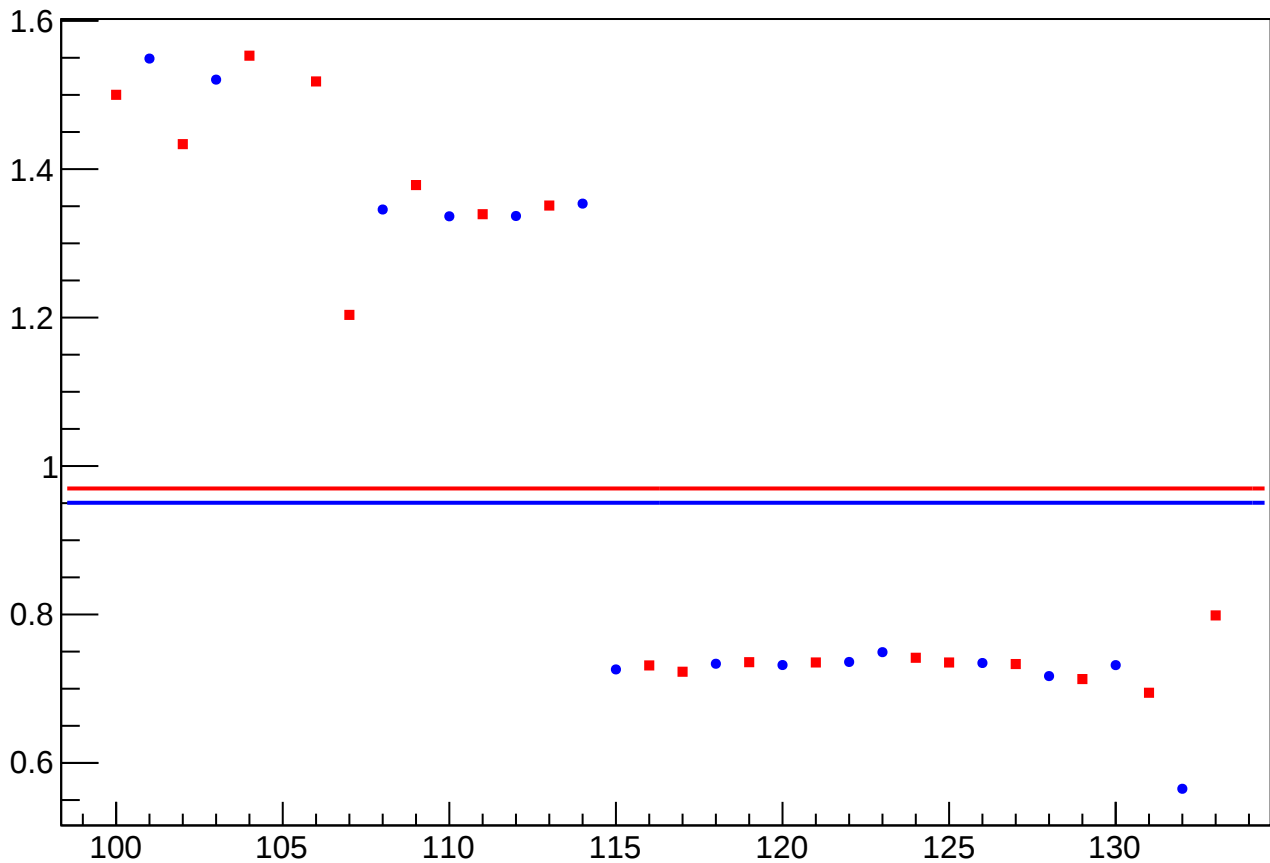
Right Out: 0.024+/-0.000 χ^2/NDF : 985486.1/17

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

0.023+/-0.000 χ^2/NDF : 808974.1/14

0.024+/-0.000 χ^2/NDF : 985486.1/17

yield_bpm4acY_mean vs Slug



Right In: 0.951+/-0.000 χ^2/NDF : 2241440885.0/14

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

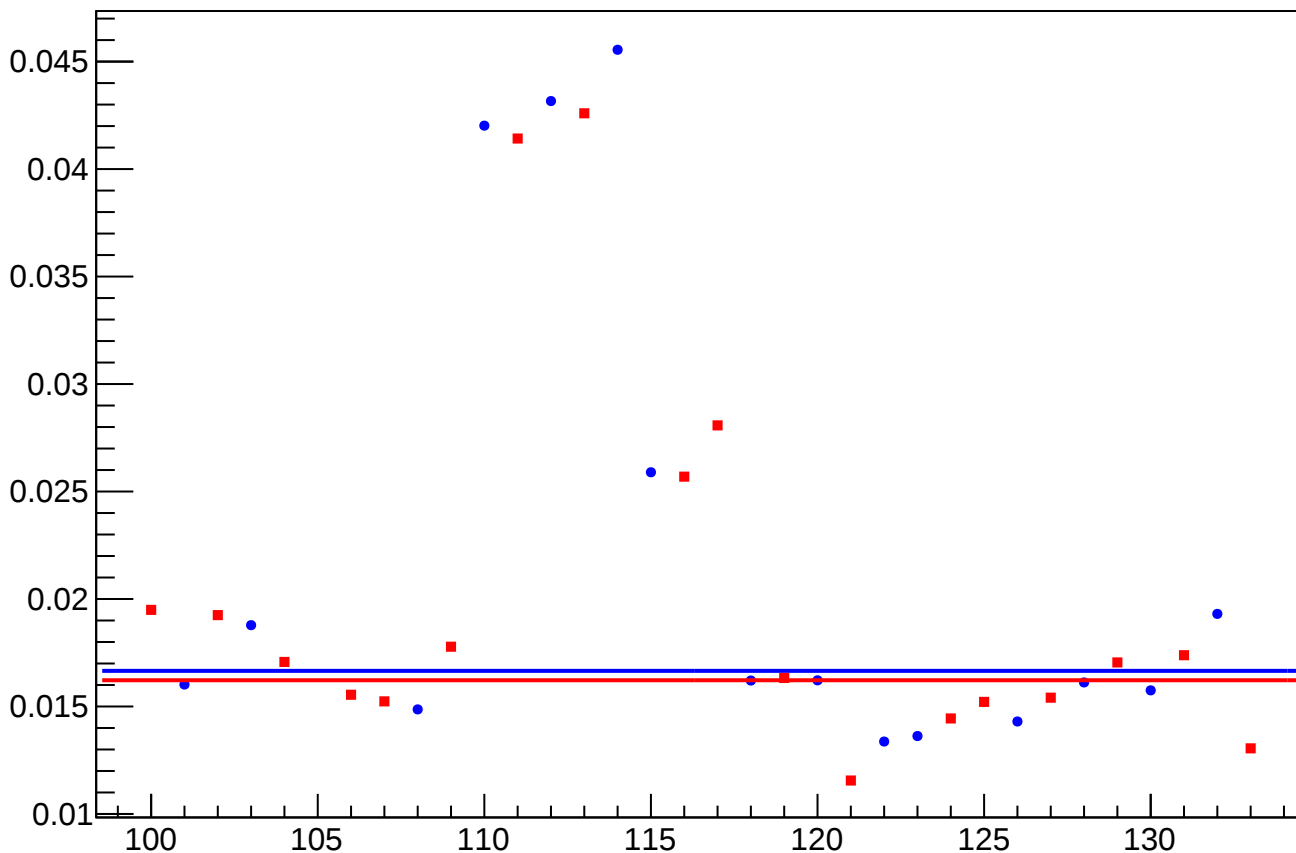
0.951+/-0.000 χ^2/NDF : 2241440885.0/14

Right Out: 0.970+/-0.000 χ^2/NDF : 2275499951.8/17

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

0.970+/-0.000 χ^2/NDF : 2275499951.8/17

yield_bpm4acY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 805968.4/14

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

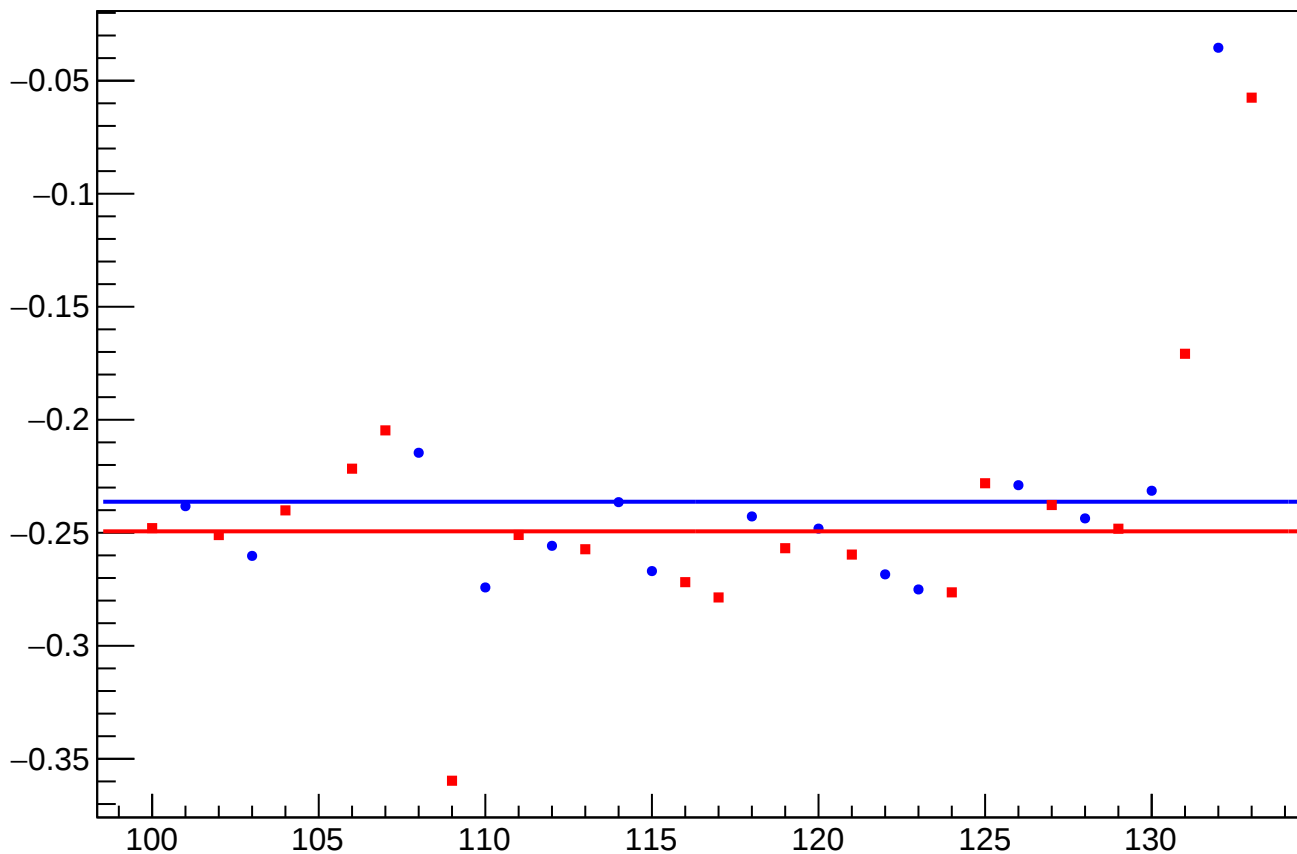
Right Out: 0.016+/-0.000 χ^2/NDF : 935863.2/17

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

0.017+/-0.000 χ^2/NDF : 805968.4/14

0.016+/-0.000 χ^2/NDF : 935863.2/17

yield_bpm4ecX_mean vs Slug



Right In: -0.236+/-0.000 χ^2/NDF : 28297311.5/14

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

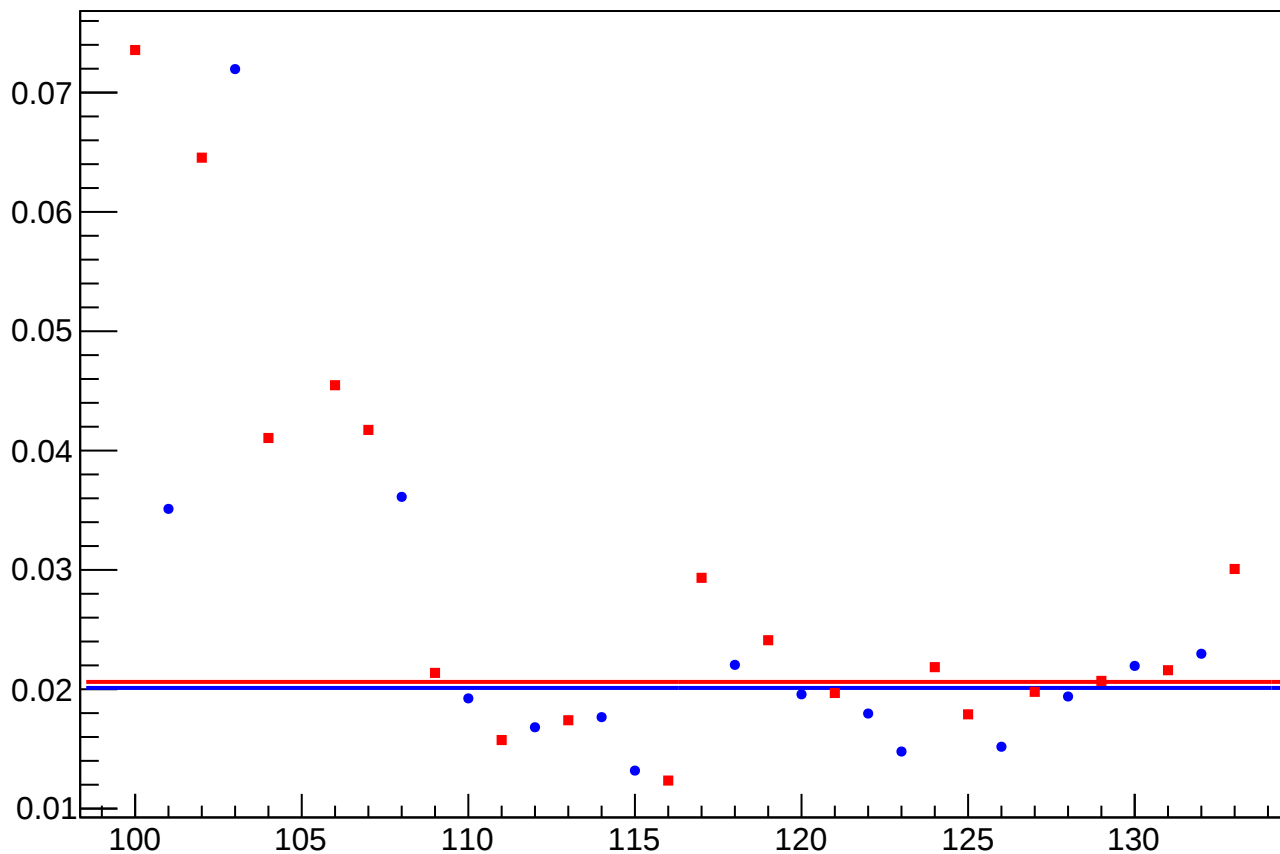
Right Out: -0.249+/-0.000 χ^2/NDF : 31728187.5/17

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

-0.236+/-0.000 χ^2/NDF : 28297311.5/14

-0.249+/-0.000 χ^2/NDF : 31728187.5/17

yield_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1073831.4/14

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

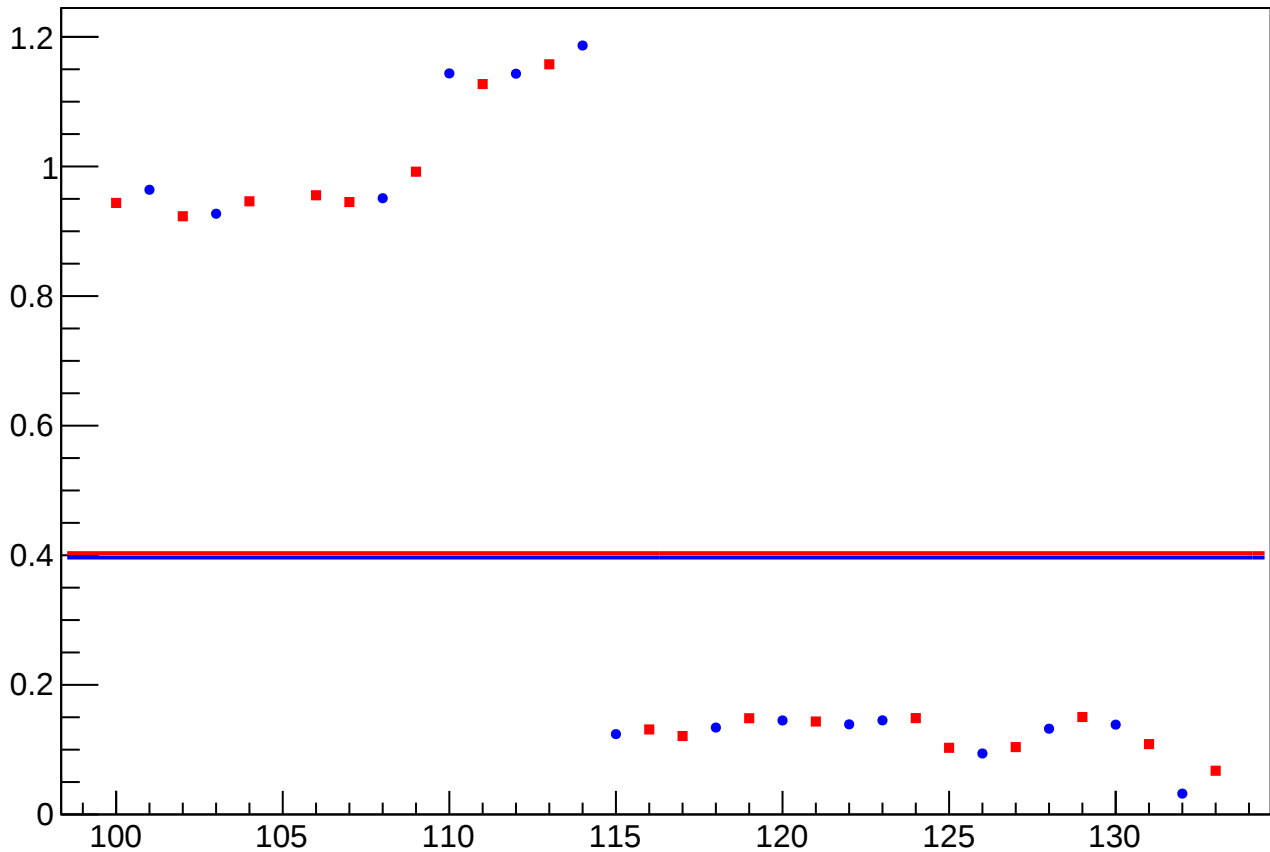
Right Out: 0.021+/-0.000 χ^2/NDF : 1390002.0/17

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

0.020+/-0.000 χ^2/NDF : 1073831.4/14

0.021+/-0.000 χ^2/NDF : 1390002.0/17

yield_bpm4ecY_mean vs Slug



Right In: 0.397+/-0.000 χ^2/NDF : 4277848162.1/14

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

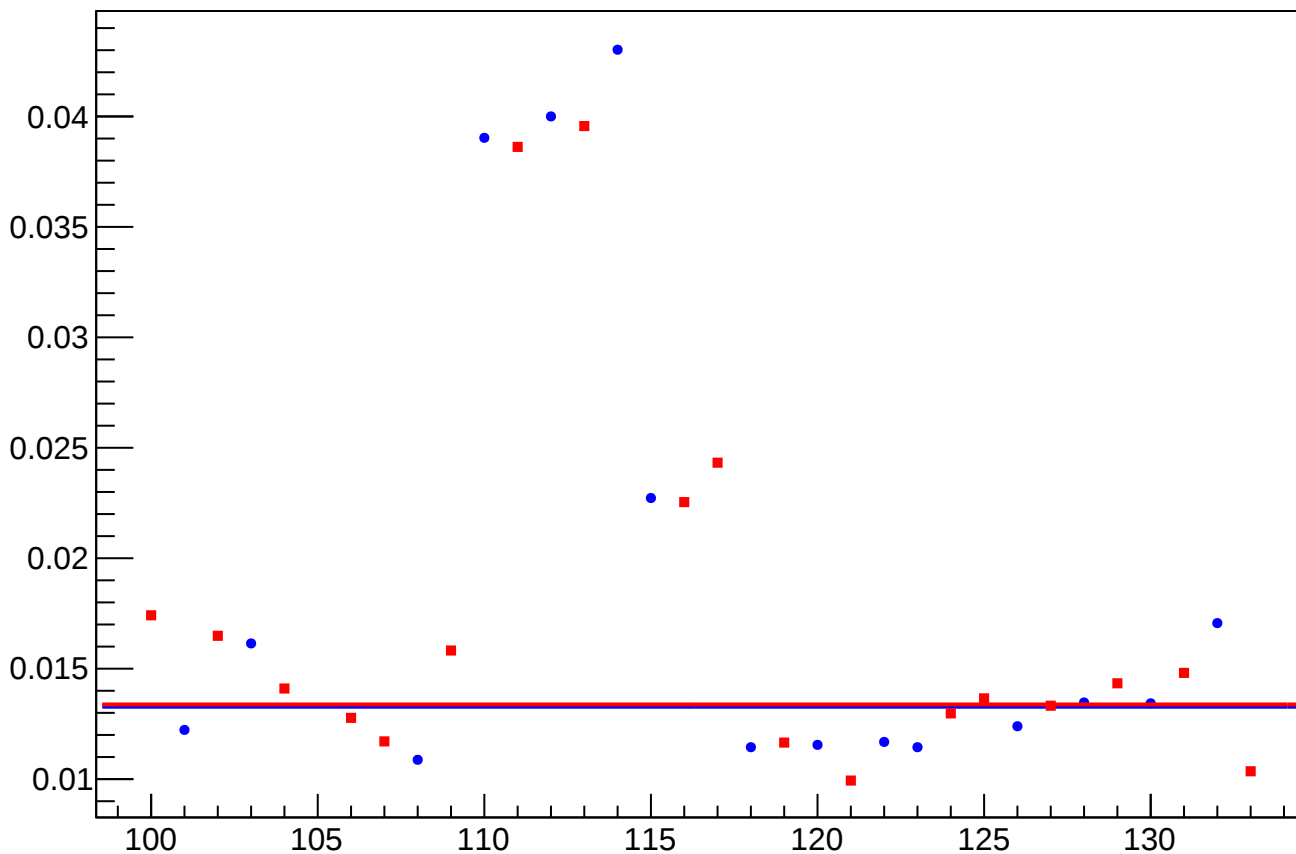
0.397+/-0.000 χ^2/NDF : 4277848162.1/14

Right Out: 0.403+/-0.000 χ^2/NDF : 4808806779.0/17

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

0.403+/-0.000 χ^2/NDF : 4808806779.0/17

yield_bpm4ecY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 990321.5/14

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

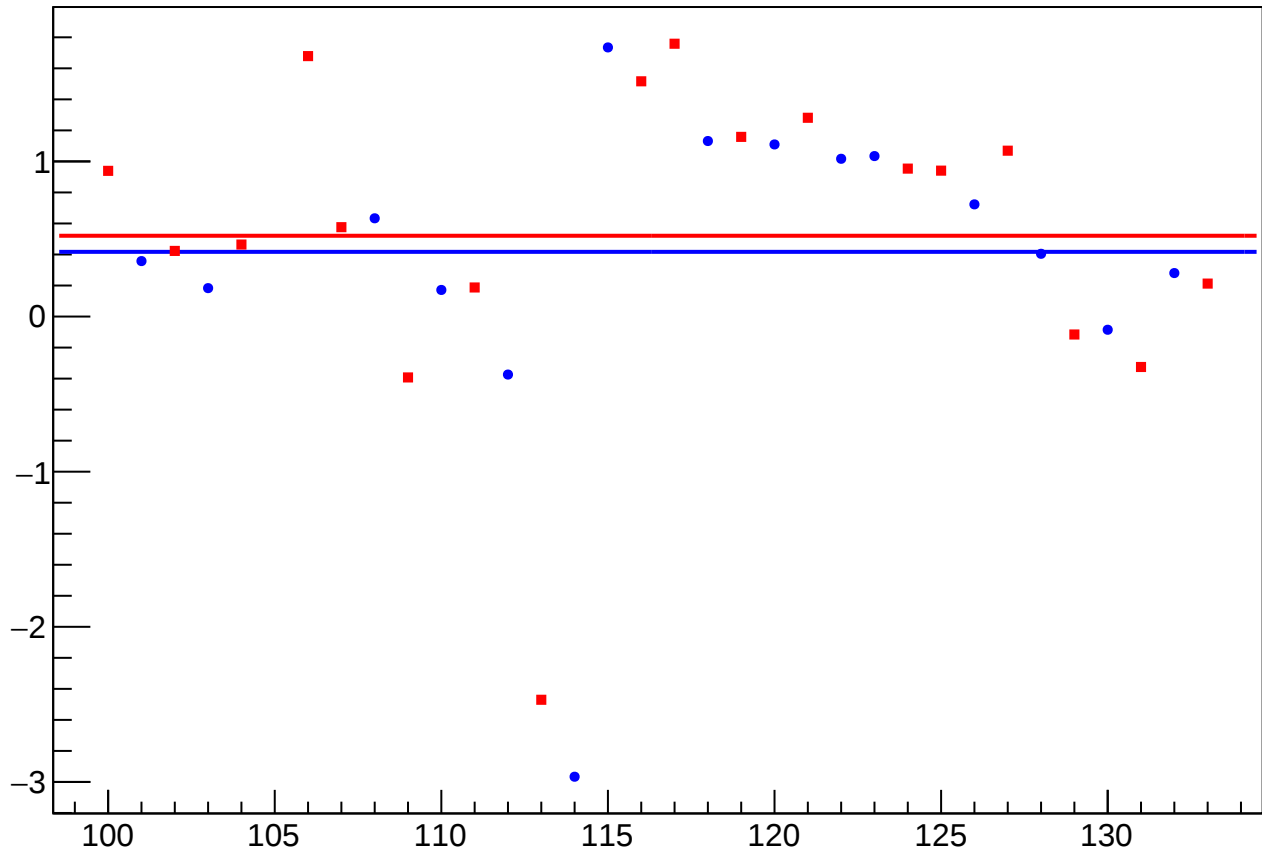
Right Out: 0.013+/-0.000 χ^2/NDF : 1080335.9/17

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

0.013+/-0.000 χ^2/NDF : 990321.5/14

0.013+/-0.000 χ^2/NDF : 1080335.9/17

yield_bpm1X_mean vs Slug



Right In: 0.417+/-0.000 χ^2/NDF : 231959466.6/14

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

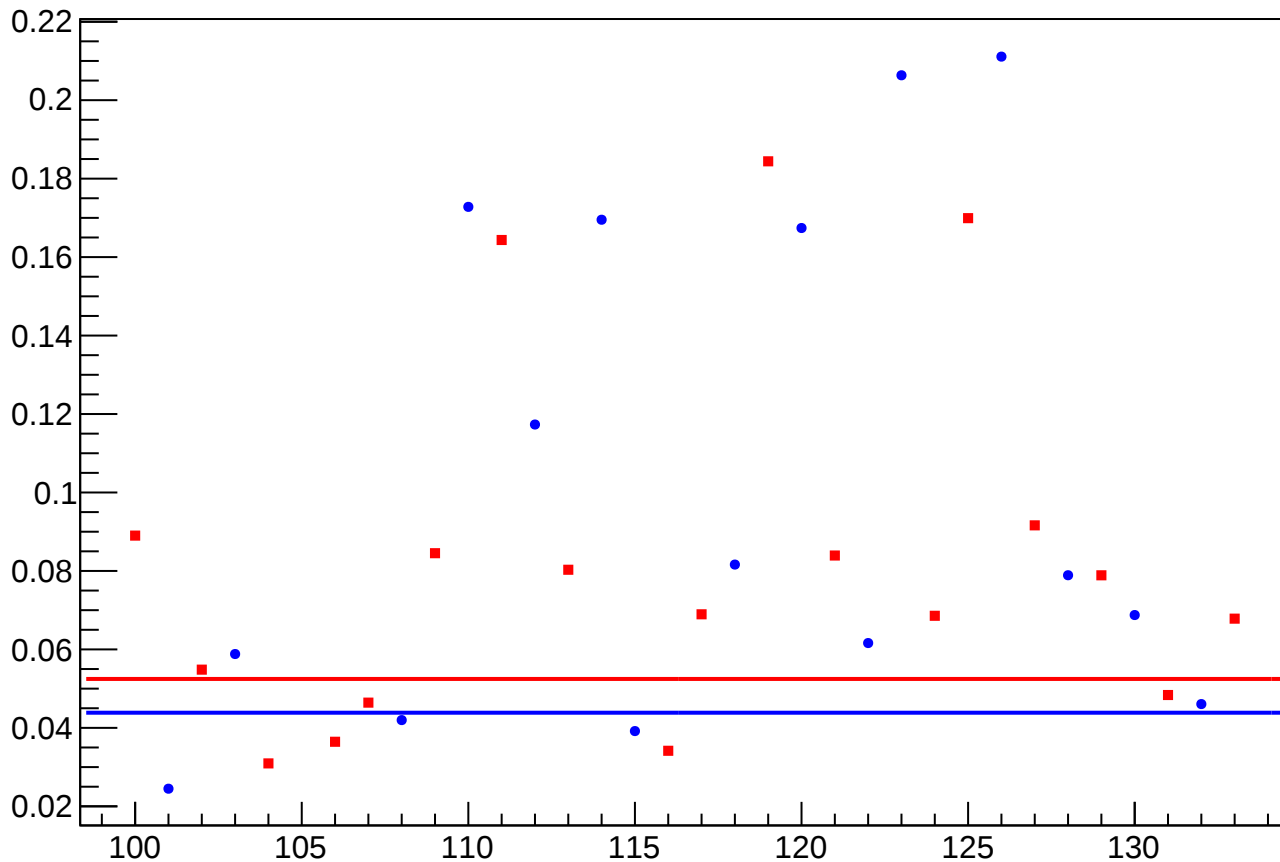
0.417+/-0.000 χ^2/NDF : 231959466.6/14

Right Out: 0.521+/-0.000 χ^2/NDF : 991556593.0/17

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

0.521+/-0.000 χ^2/NDF : 991556593.0/17

yield_bpm1X_rms vs Slug



Right In: 0.044 $\pm$ 0.000 χ^2 /NDF: 2738592.4/14

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

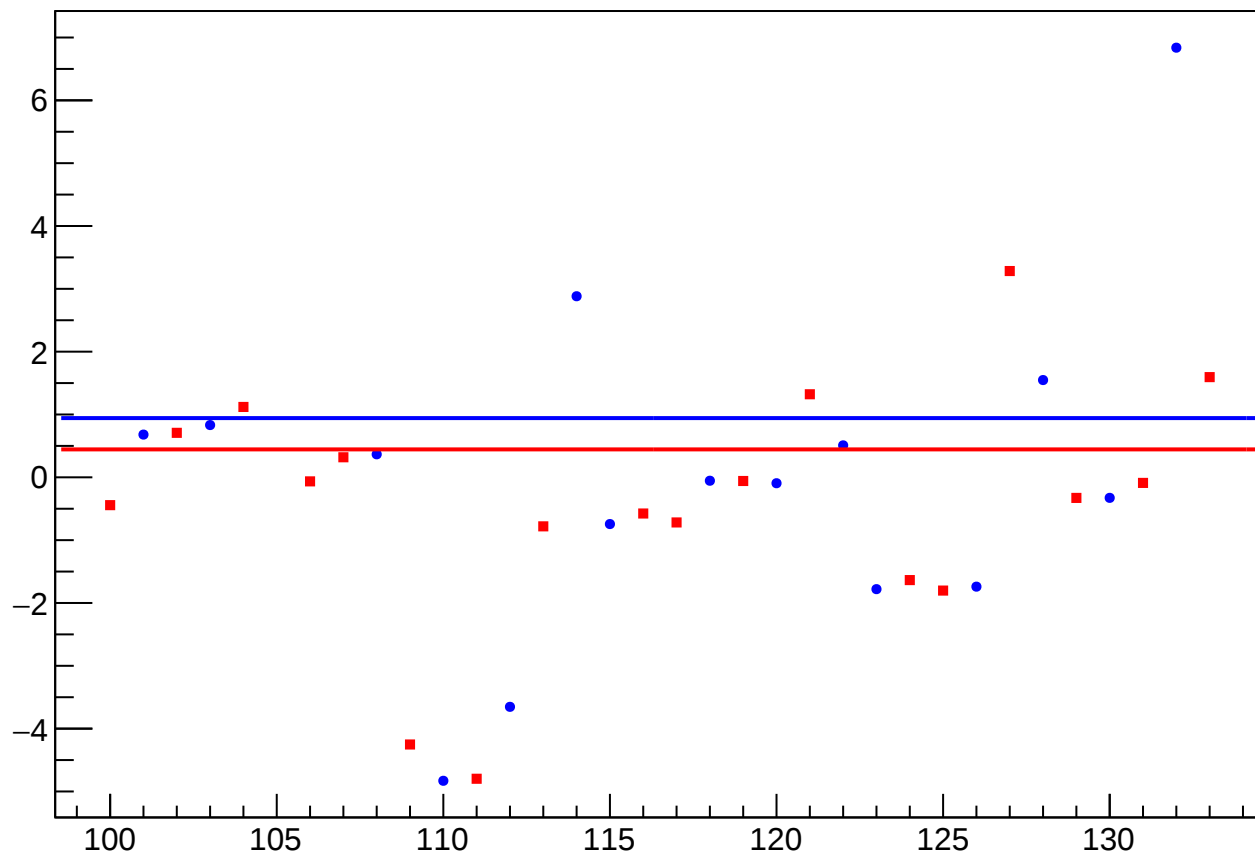
Right Out: 0.052 $\pm$ 0.000 χ^2 /NDF: 2183489.3/17

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

0.044 $\pm$ 0.000 χ^2 /NDF: 2738592.4/14

0.052 $\pm$ 0.000 χ^2 /NDF: 2183489.3/17

yield_bpm1Y_mean vs Slug



Right In: 0.943+/-0.000 χ^2/NDF : 10050427010.8/14

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

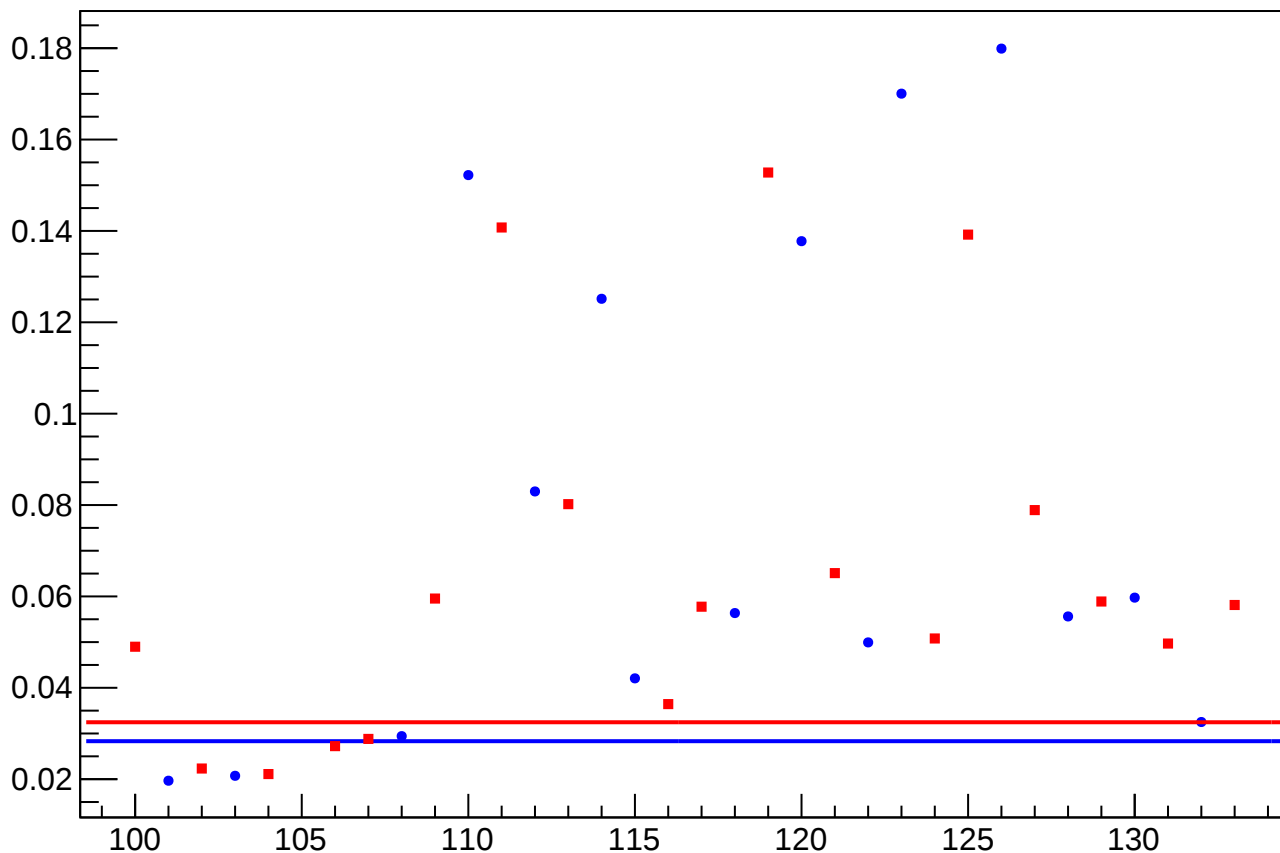
Right Out: 0.444+/-0.000 χ^2/NDF : 4489750114.8/17

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

0.943+/-0.000 χ^2/NDF : 10050427010.8/14

0.444+/-0.000 χ^2/NDF : 4489750114.8/17

yield_bpm1Y_rms vs Slug



Right In: 0.028+/-0.000 χ^2/NDF : 2802072.6/14

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

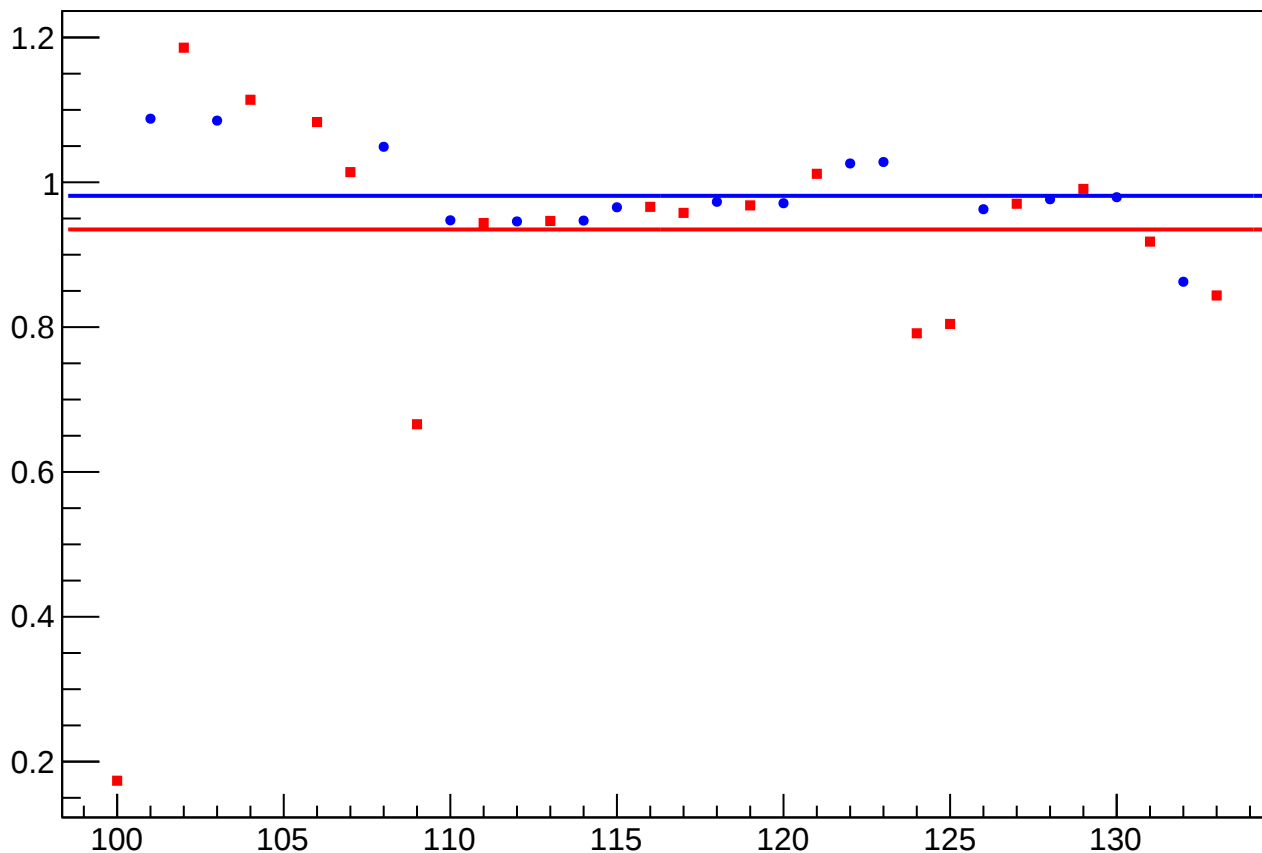
Right Out: 0.032+/-0.000 χ^2/NDF : 3007332.1/17

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

0.028+/-0.000 χ^2/NDF : 2802072.6/14

0.032+/-0.000 χ^2/NDF : 3007332.1/17

yield_bpm11X_mean vs Slug



Right In: 0.981+/-0.000 χ^2/NDF : 68810111.3/14

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

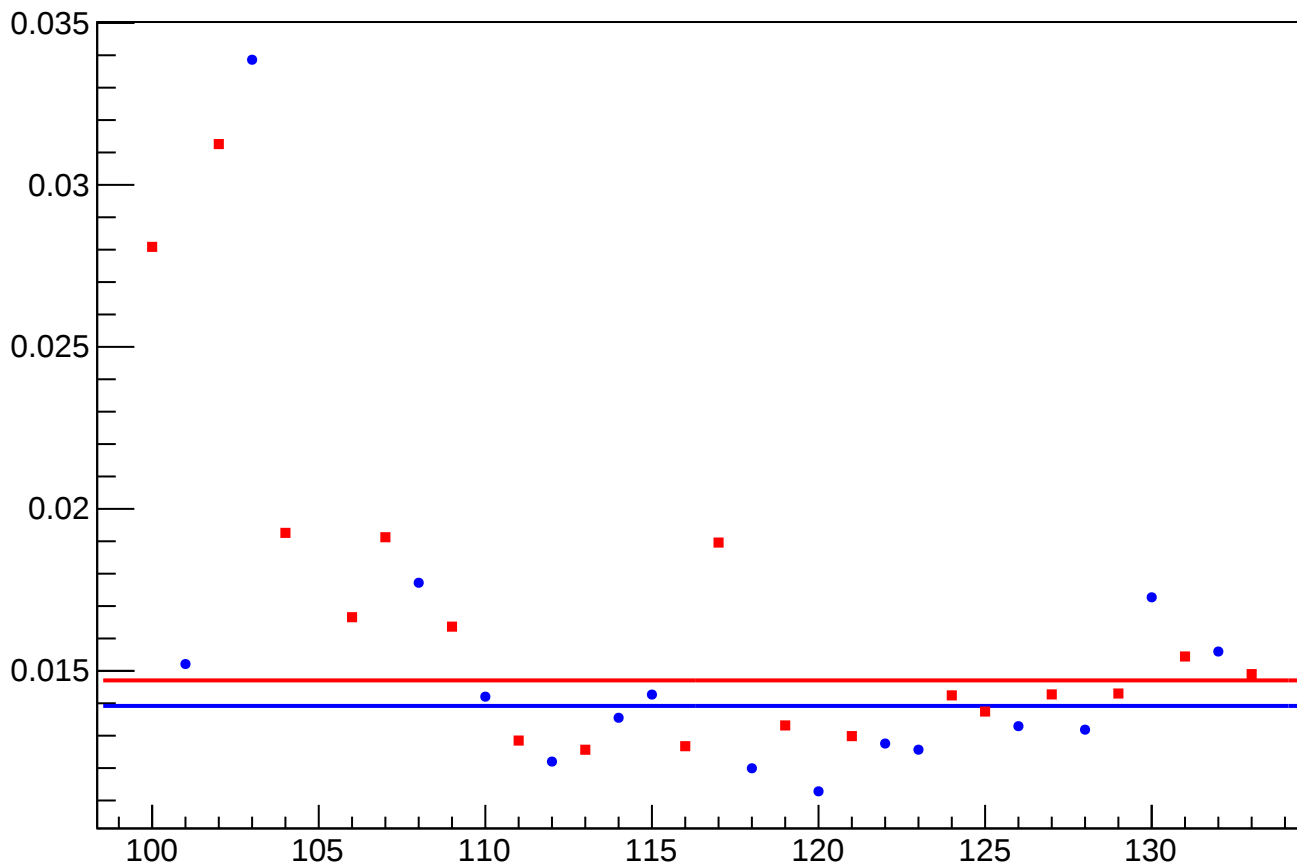
Right Out: 0.935+/-0.000 χ^2/NDF : 338376170.2/17

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

0.981+/-0.000 χ^2/NDF : 68810111.3/14

0.935+/-0.000 χ^2/NDF : 338376170.2/17

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 528703.0/14

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

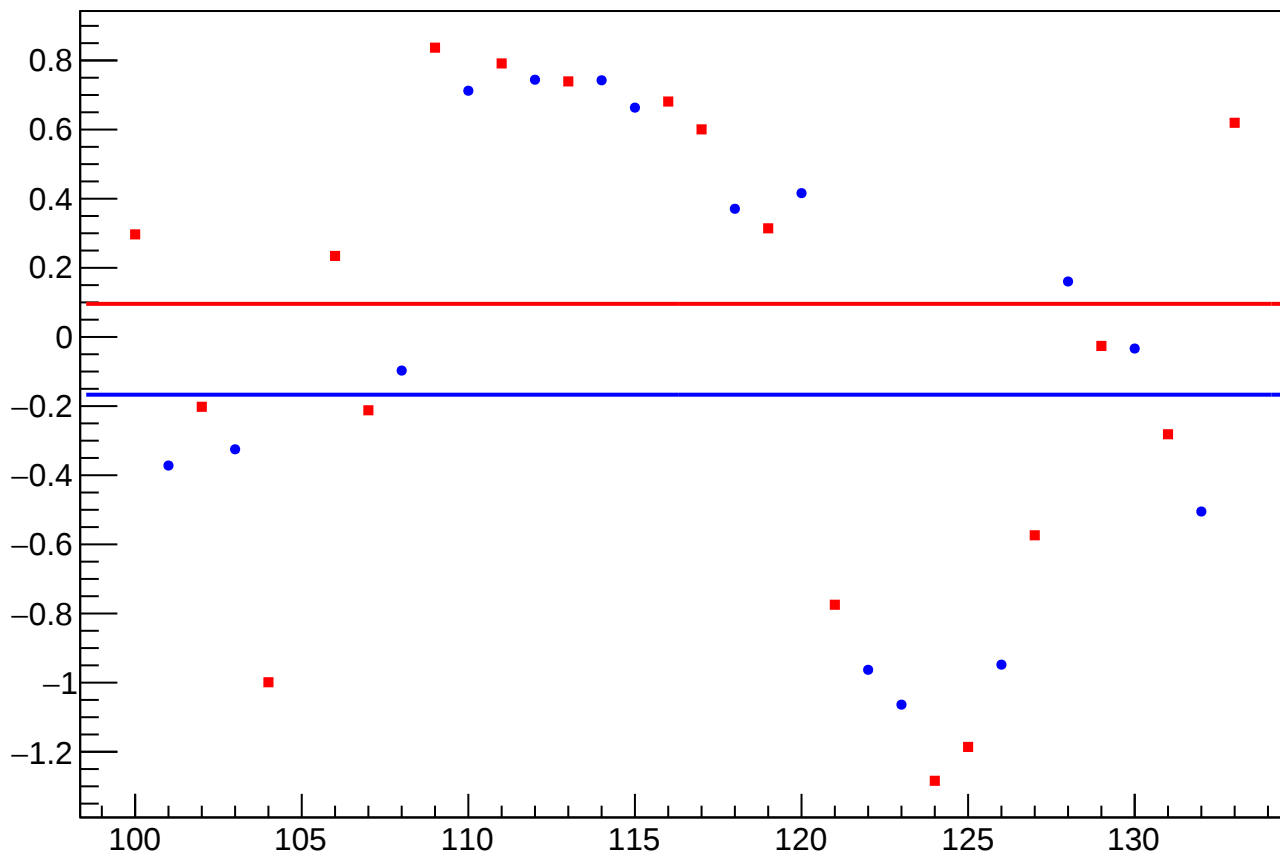
Right Out: 0.015+/-0.000 χ^2/NDF : 474378.0/17

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

0.014+/-0.000 χ^2/NDF : 528703.0/14

0.015+/-0.000 χ^2/NDF : 474378.0/17

yield_bpm11Y_mean vs Slug



Right In: -0.167+/-0.000 χ^2/NDF : 4702382828.7/14

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

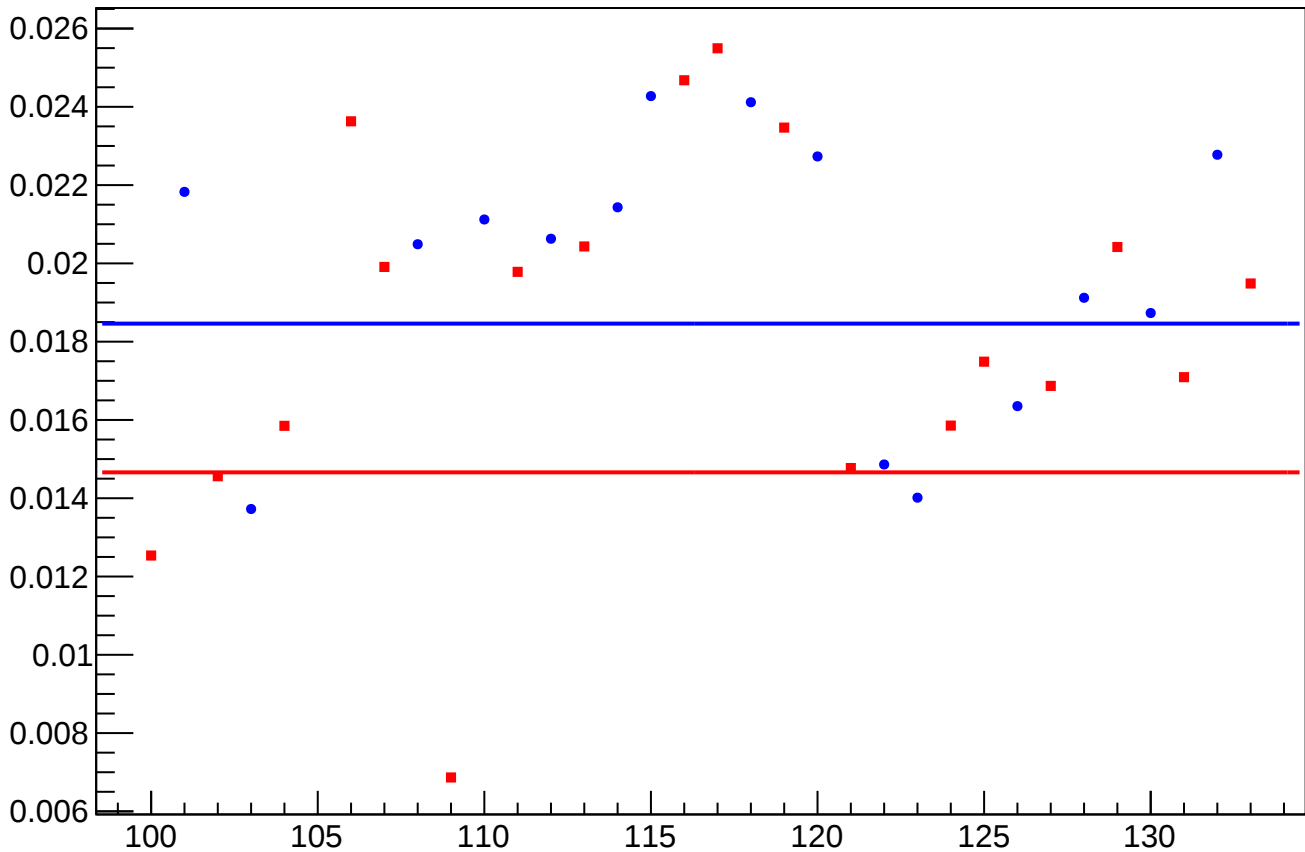
Right Out: 0.096+/-0.000 χ^2/NDF : 12247586624.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.167+/-0.000 χ^2/NDF : 4702382828.7/14

0.096+/-0.000 χ^2/NDF : 12247586624.2/17

yield_bpm11Y_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 364555.1/14

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

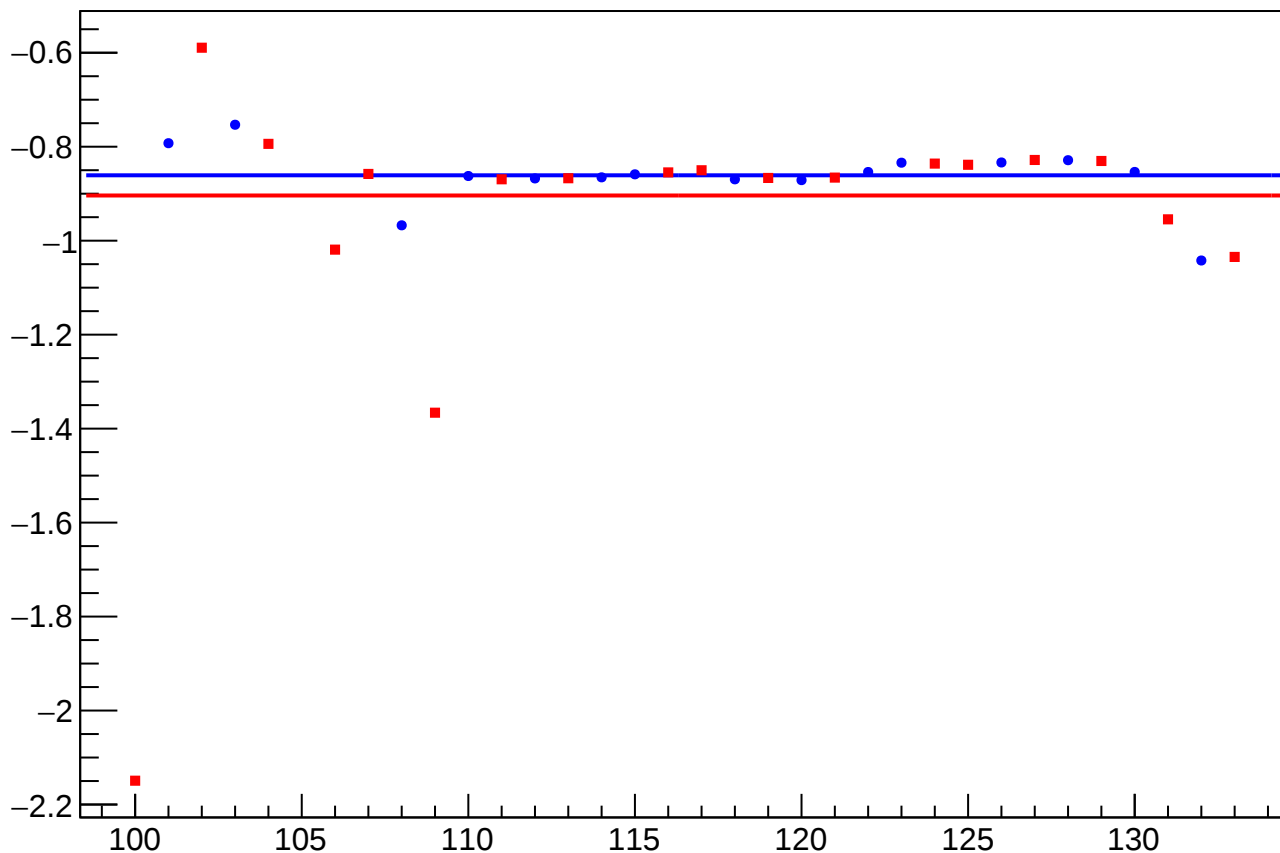
Right Out: 0.015+/-0.000 χ^2/NDF : 1463983.1/17

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

0.018+/-0.000 χ^2/NDF : 364555.1/14

0.015+/-0.000 χ^2/NDF : 1463983.1/17

yield_bpm12X_mean vs Slug



Right In: -0.861+/-0.000 χ^2/NDF : 15890959.4/14

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

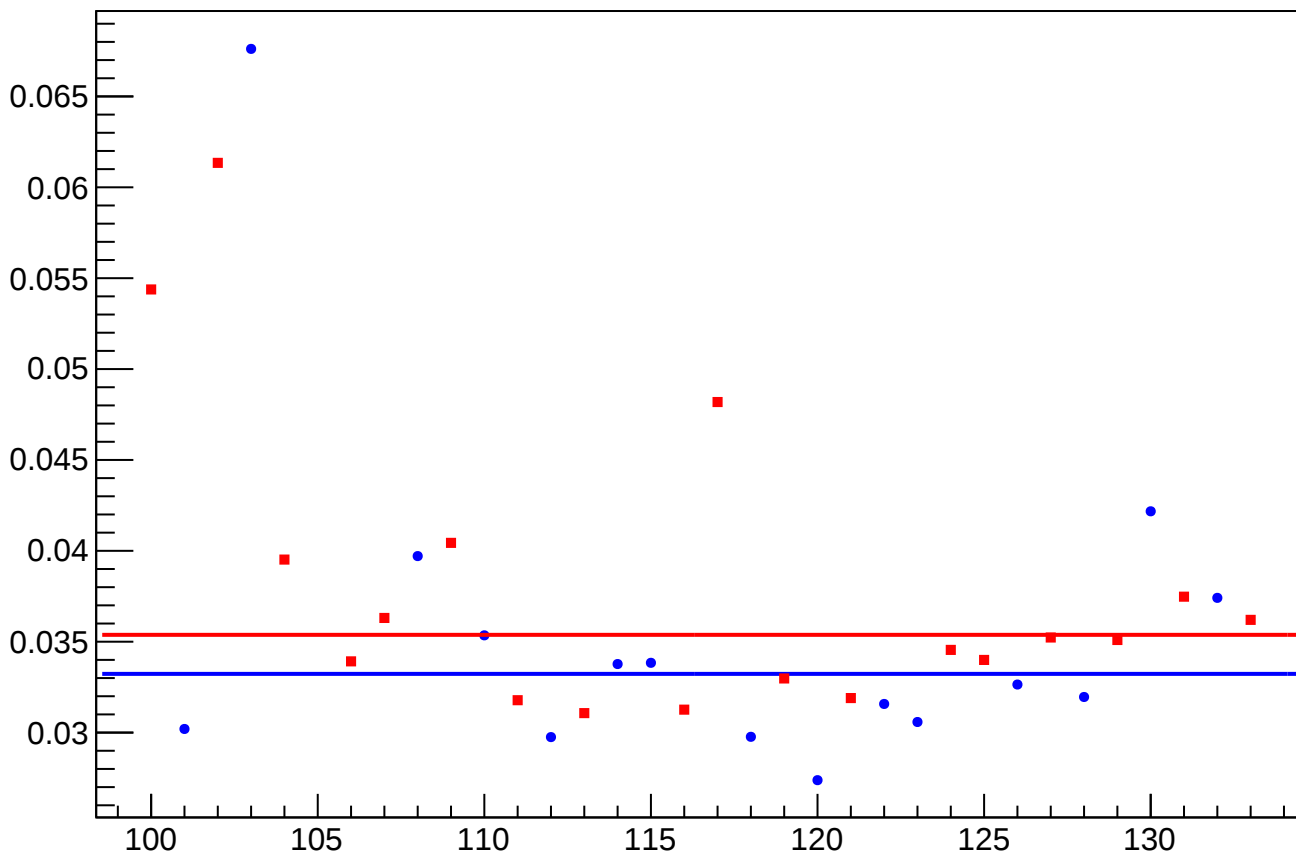
Right Out: -0.904+/-0.000 χ^2/NDF : 120305472.9/17

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

-0.861+/-0.000 χ^2/NDF : 15890959.4/14

-0.904+/-0.000 χ^2/NDF : 120305472.9/17

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 401716.4/14

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

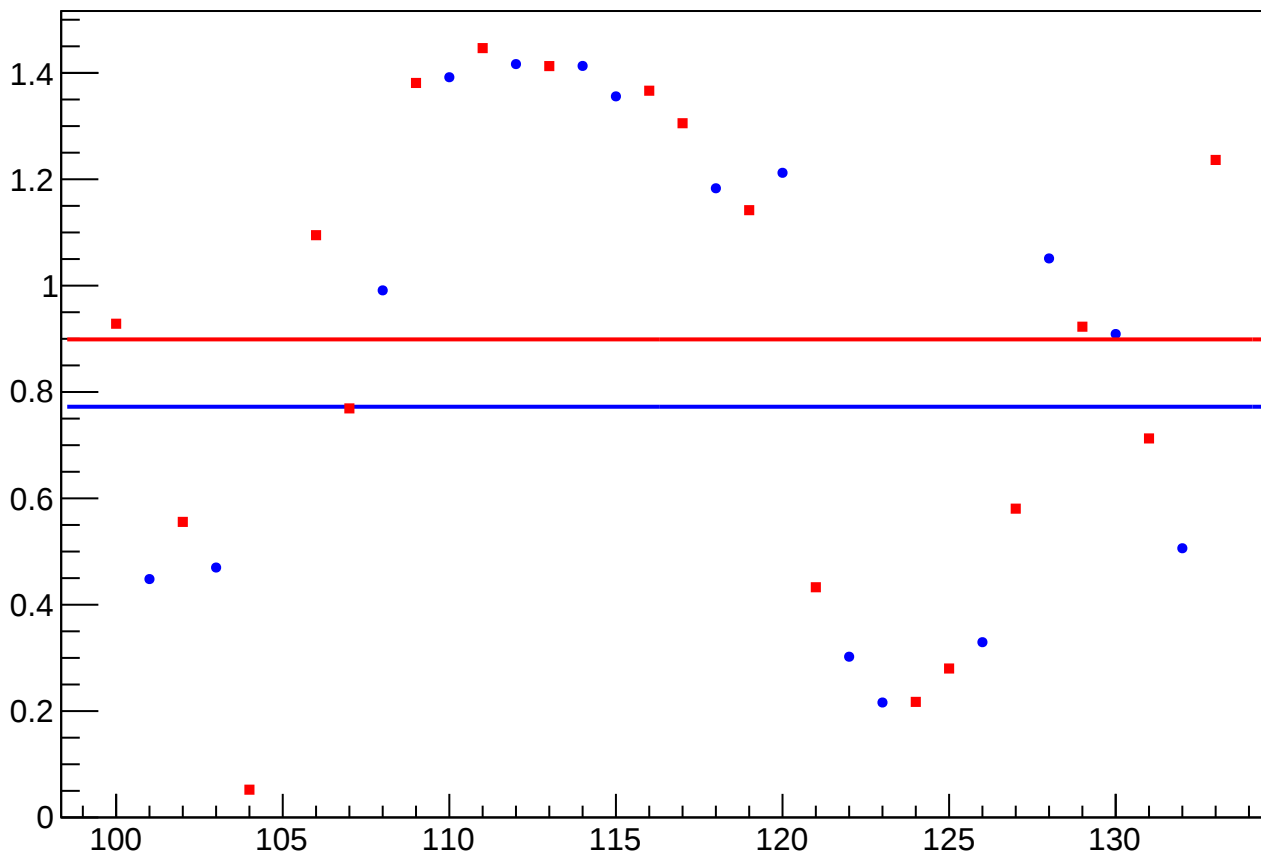
Right Out: 0.035+/-0.000 χ^2/NDF : 265505.3/17

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

0.033+/-0.000 χ^2/NDF : 401716.4/14

0.035+/-0.000 χ^2/NDF : 265505.3/17

yield_bpm12Y_mean vs Slug



Right In: 0.772 $\pm$ 0.000 χ^2 /NDF: 5408233136.5/14

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

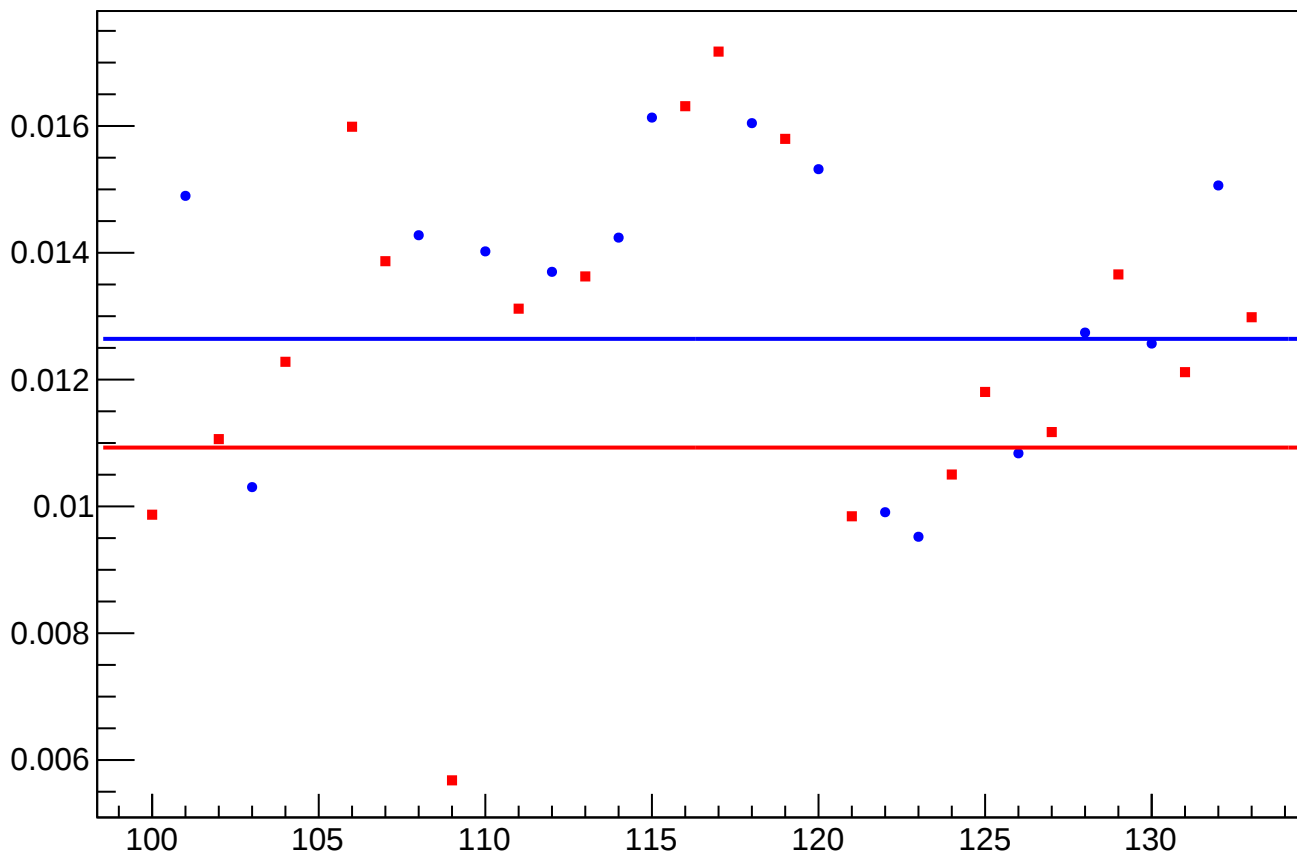
Right Out: 0.899 $\pm$ 0.000 χ^2 /NDF: 9556497305.0/17

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

0.772 $\pm$ 0.000 χ^2 /NDF: 5408233136.5/14

0.899 $\pm$ 0.000 χ^2 /NDF: 9556497305.0/17

yield_bpm12Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 281624.1/14

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

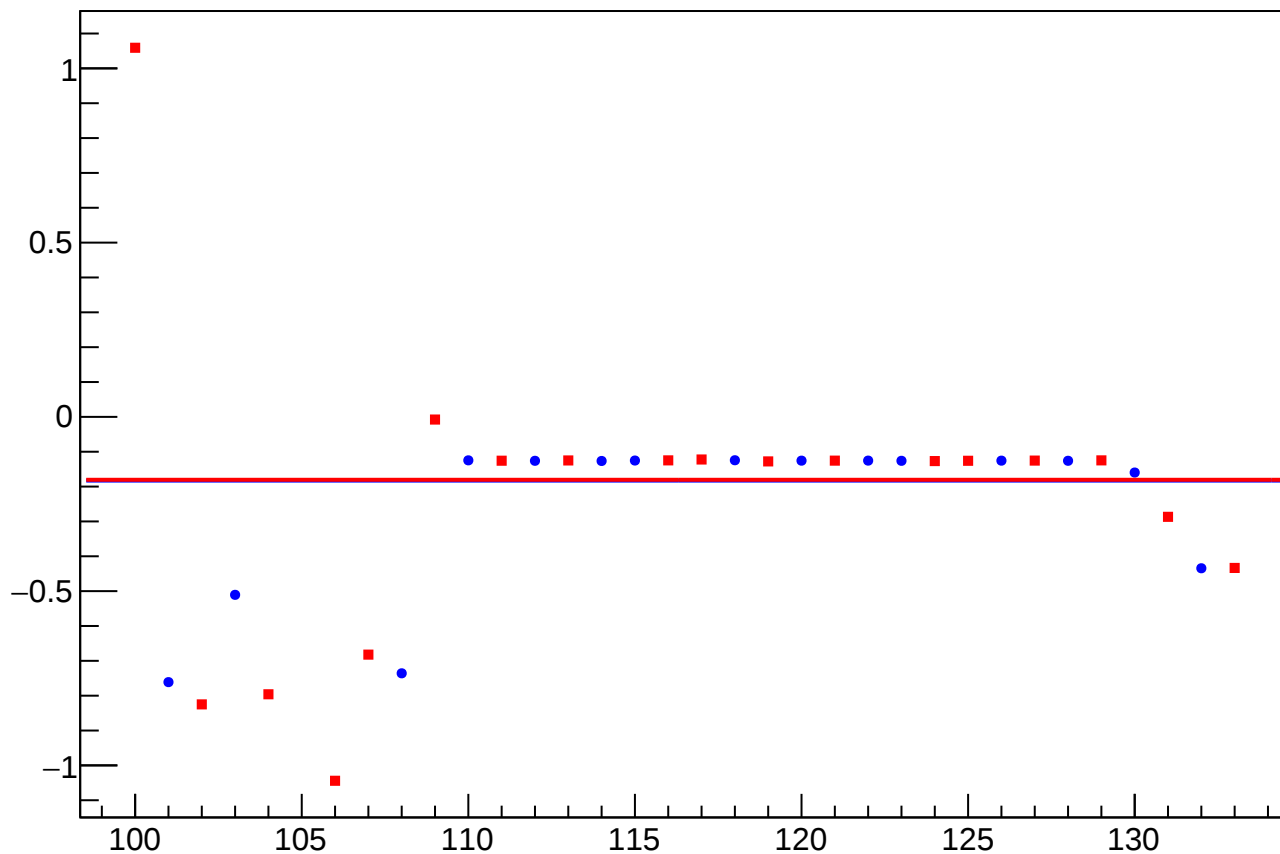
Right Out: 0.011+/-0.000 χ^2/NDF : 918946.6/17

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

0.013+/-0.000 χ^2/NDF : 281624.1/14

0.011+/-0.000 χ^2/NDF : 918946.6/17

yield_bpm16X_mean vs Slug



Right In: -0.183+/-0.000 χ^2/NDF : 463144297.6/14

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

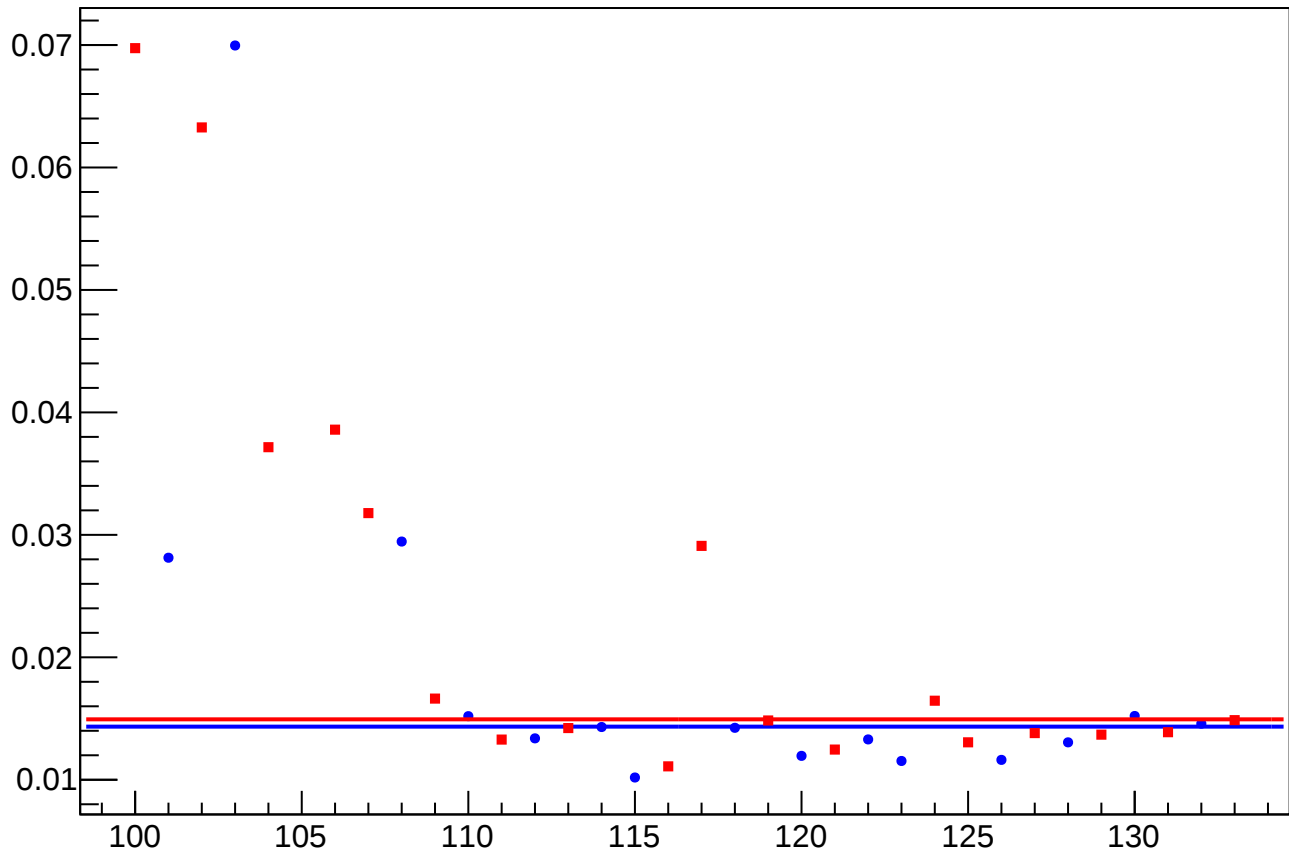
Right Out: -0.181+/-0.000 χ^2/NDF : 565474202.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.183+/-0.000 χ^2/NDF : 463144297.6/14

-0.181+/-0.000 χ^2/NDF : 565474202.2/17

yield_bpm16X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1184240.6/14

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

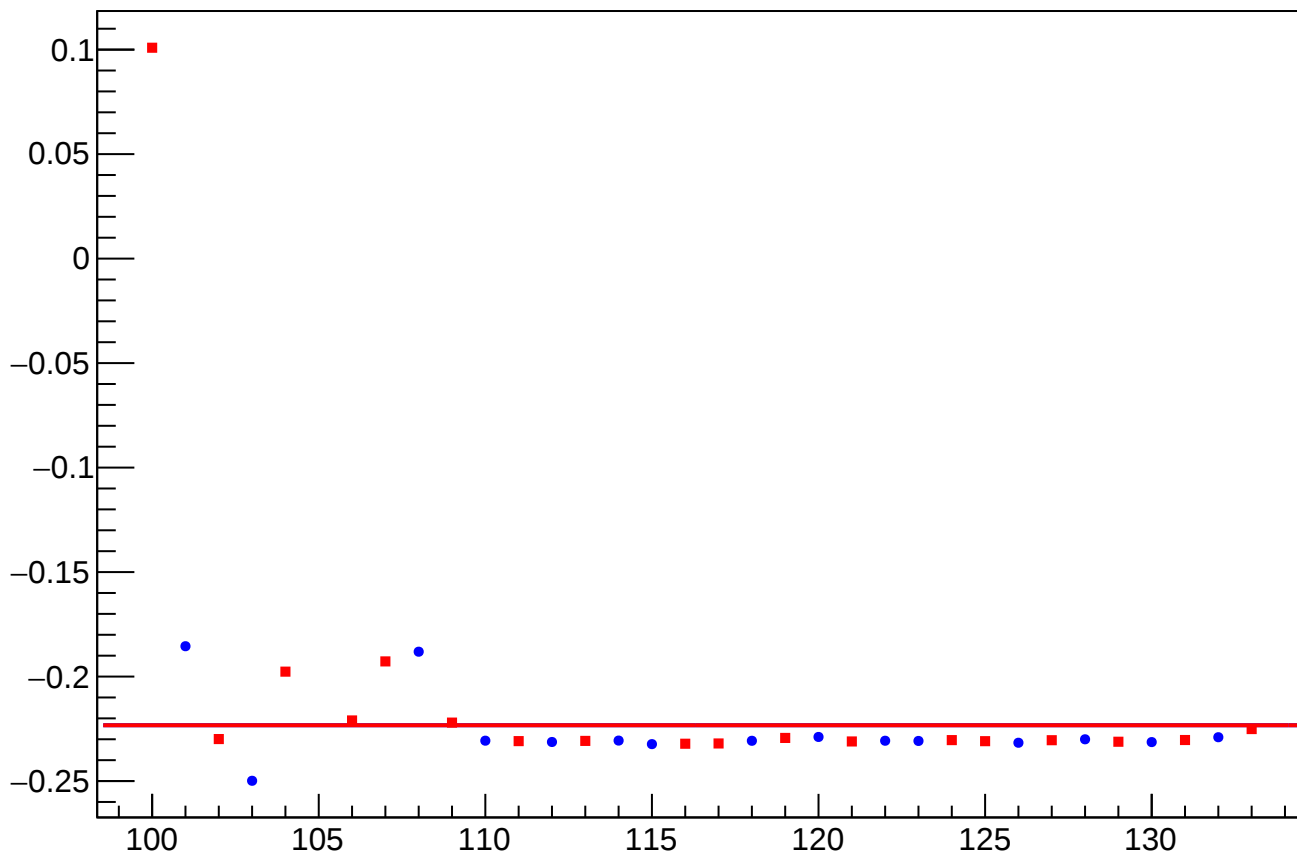
Right Out: 0.015+/-0.000 χ^2/NDF : 1368090.7/17

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

0.014+/-0.000 χ^2/NDF : 1184240.6/14

0.015+/-0.000 χ^2/NDF : 1368090.7/17

yield_bpm16Y_mean vs Slug



Right In: -0.223+/-0.000 χ^2/NDF : 74102491.2/14

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

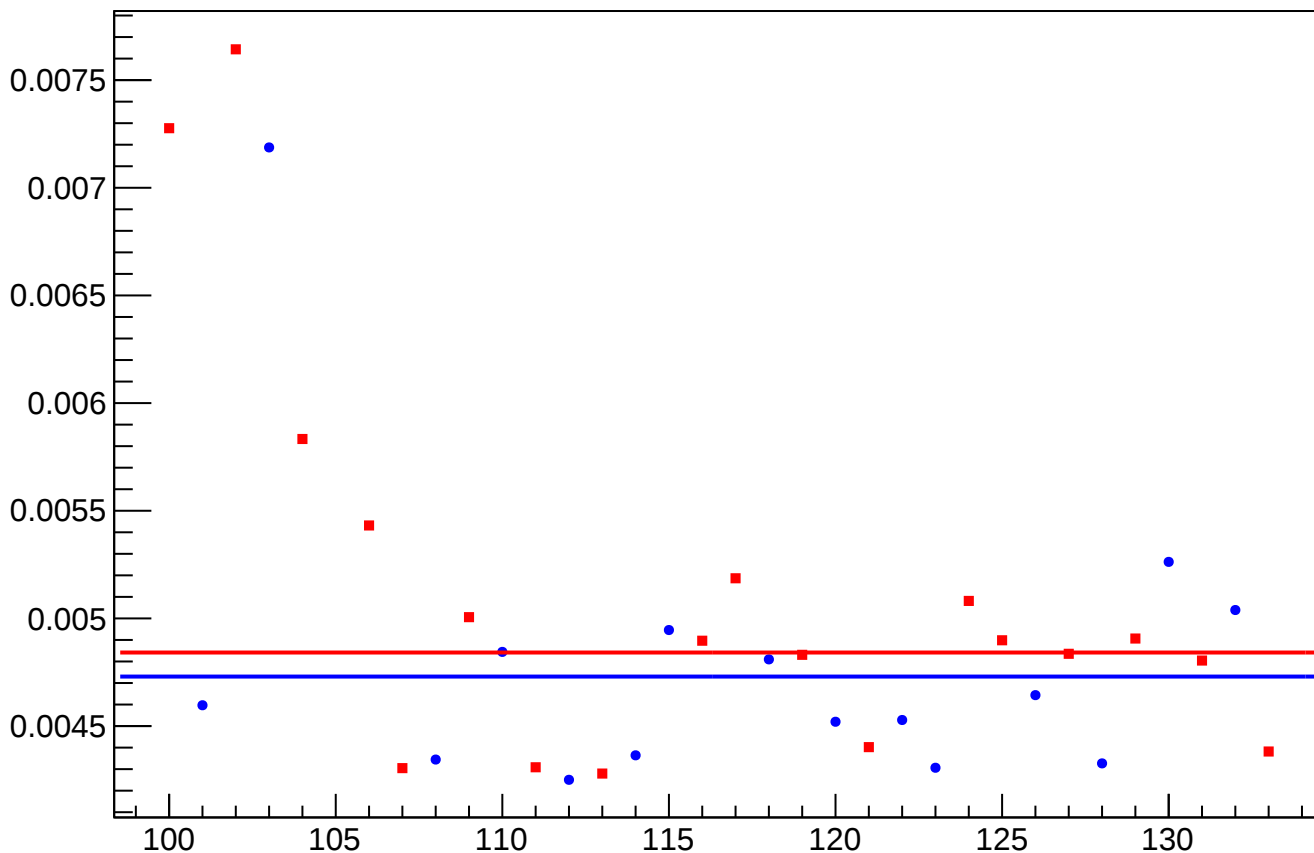
Right Out: -0.223+/-0.000 χ^2/NDF : 168033001.4/17

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

-0.223+/-0.000 χ^2/NDF : 74102491.2/14

-0.223+/-0.000 χ^2/NDF : 168033001.4/17

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 167161.8/14

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

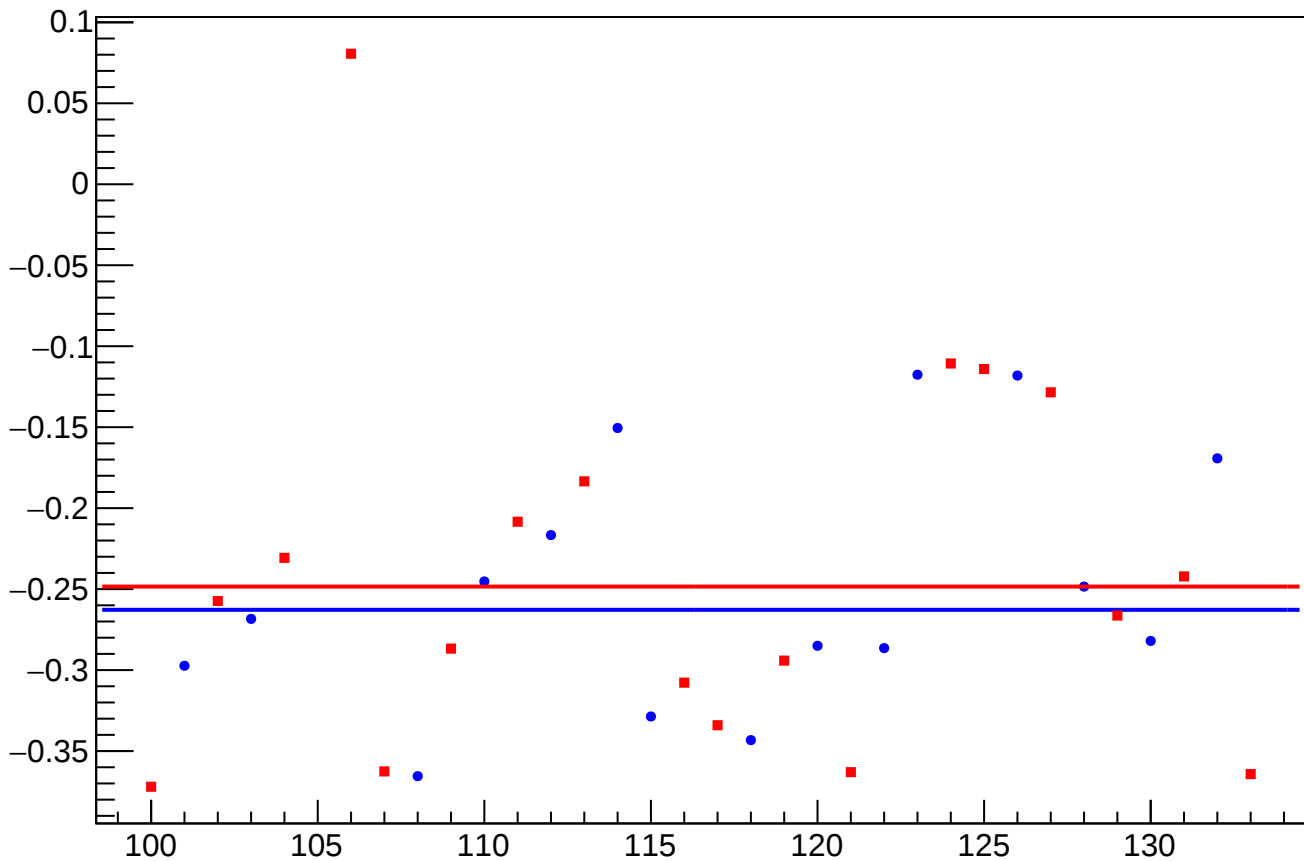
Right Out: 0.005+/-0.000 χ^2/NDF : 236399.0/17

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

0.005+/-0.000 χ^2/NDF : 167161.8/14

0.005+/-0.000 χ^2/NDF : 236399.0/17

yield_bpm0i02X_mean vs Slug



Right In: -0.263+/-0.000 χ^2/NDF : 551288138.3/14

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

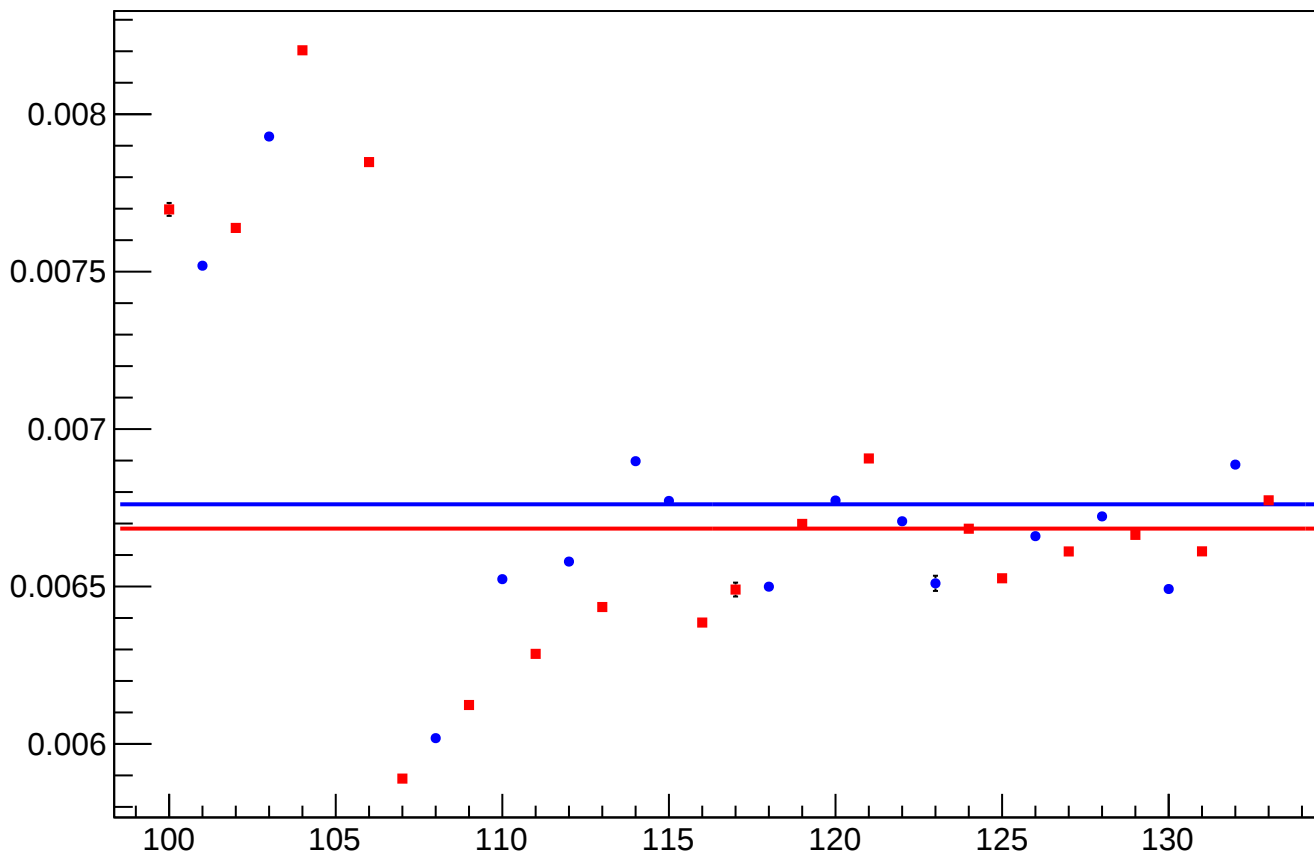
-0.263+/-0.000 χ^2/NDF : 551288138.3/14

Right Out: -0.248+/-0.000 χ^2/NDF : 1200871500.9/17

-0.248+/-0.000 χ^2/NDF : 1200871500.9/17

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

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 53412.3/14

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

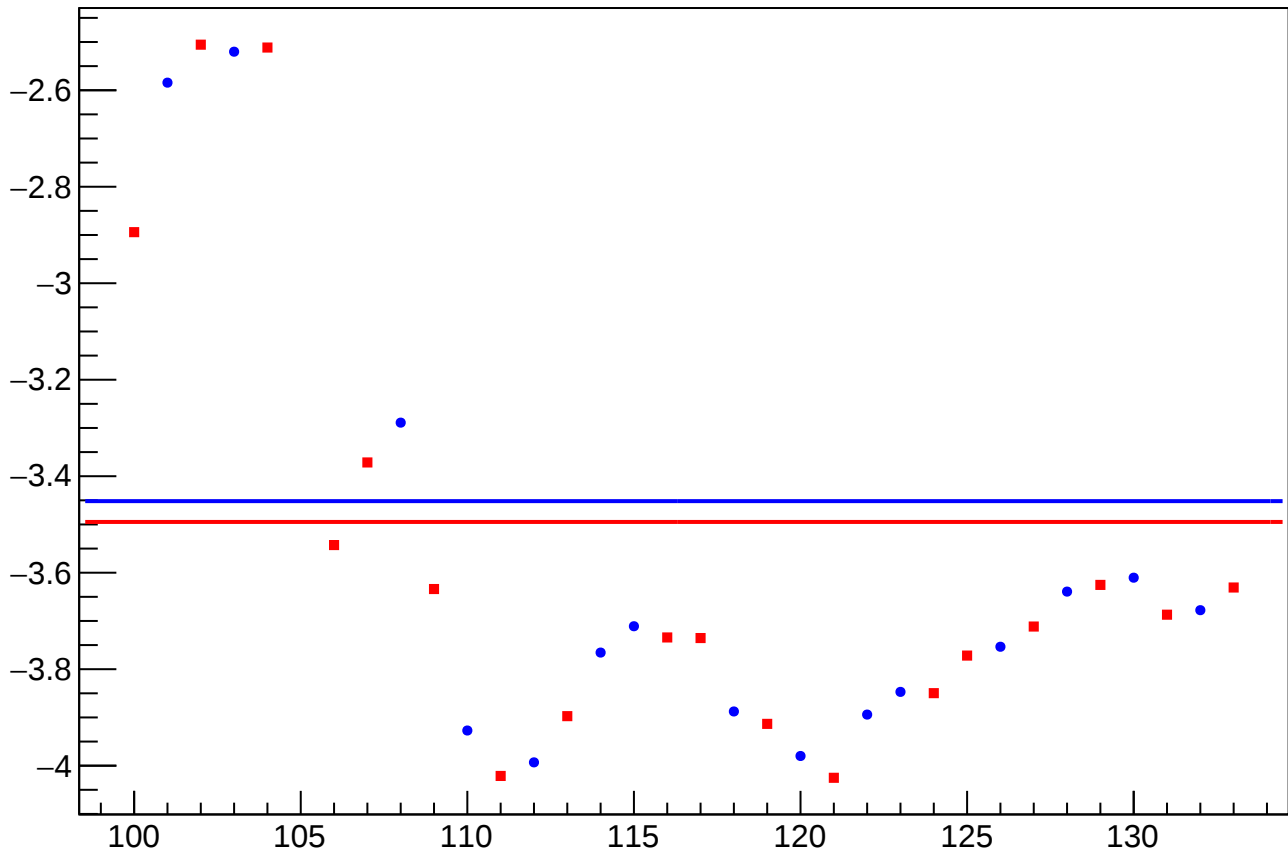
Right Out: 0.007+/-0.000 χ^2/NDF : 89441.8/17

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

0.007+/-0.000 χ^2/NDF : 53412.3/14

0.007+/-0.000 χ^2/NDF : 89441.8/17

yield_bpm0i02Y_mean vs Slug



Right In: -3.452+/-0.000 χ^2/NDF : 26386146700.5/14

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

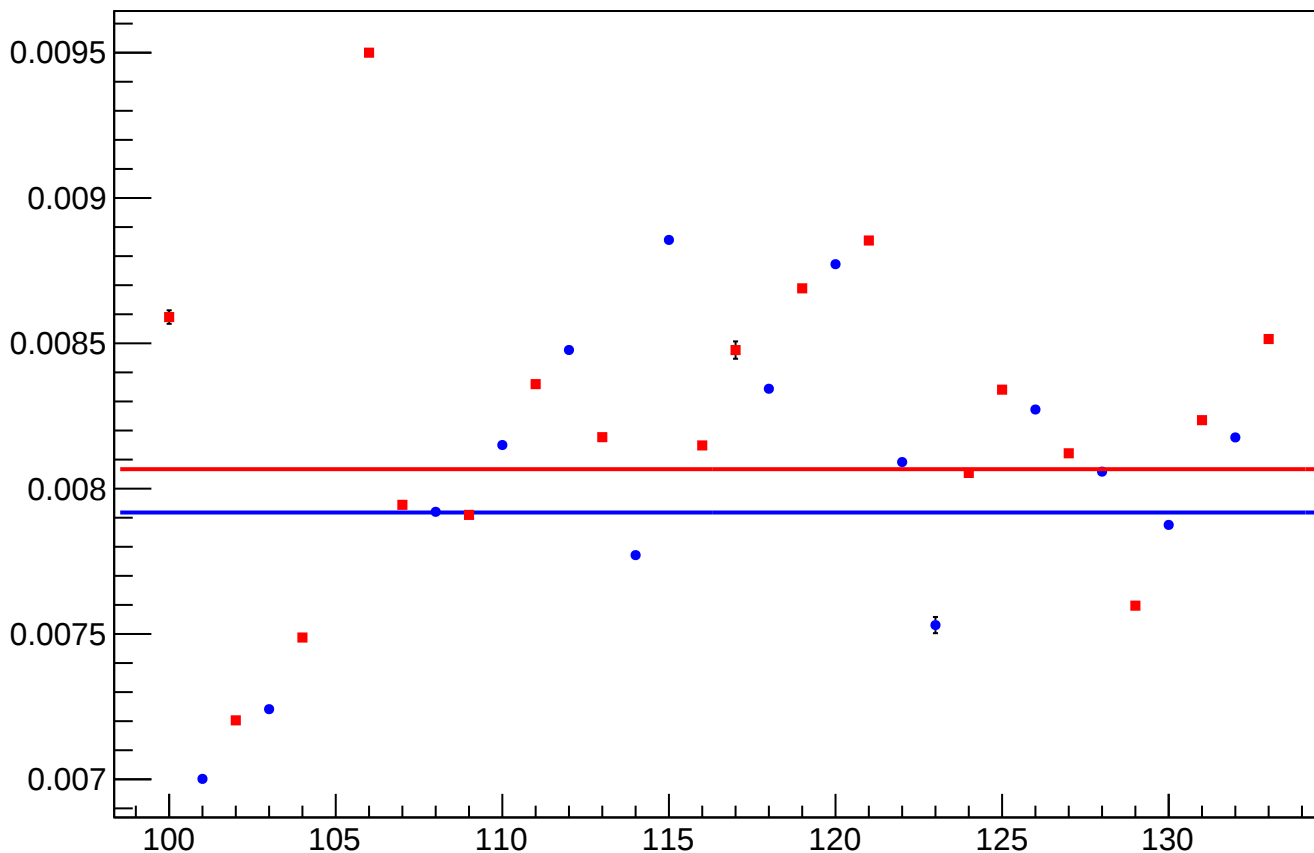
-3.452+/-0.000 χ^2/NDF : 26386146700.5/14

Right Out: -3.495+/-0.000 χ^2/NDF : 25591353461.1/17

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

-3.495+/-0.000 χ^2/NDF : 25591353461.1/17

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 48551.1/14

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

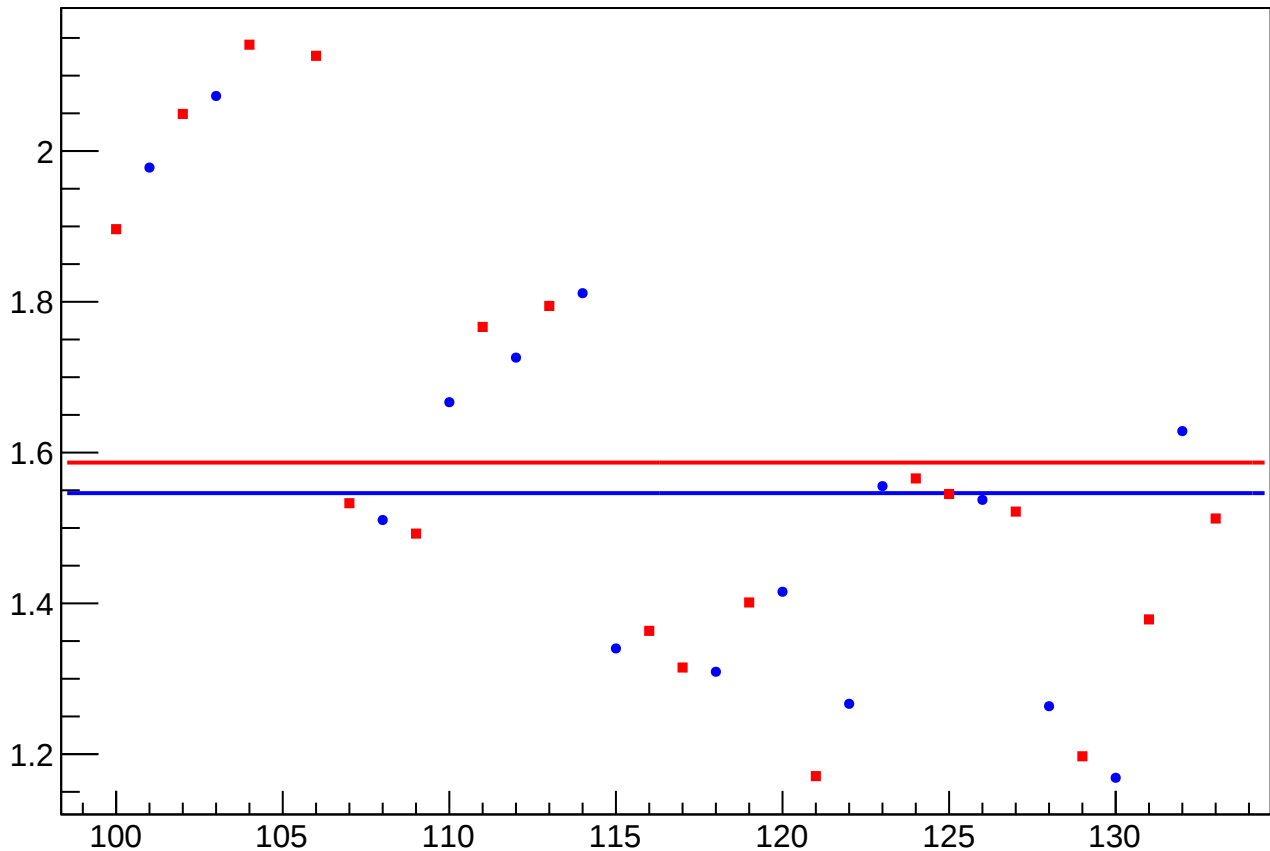
Right Out: 0.008+/-0.000 χ^2/NDF : 47702.6/17

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

0.008+/-0.000 χ^2/NDF : 48551.1/14

0.008+/-0.000 χ^2/NDF : 47702.6/17

yield_bpm0i02aX_mean vs Slug



Right In: 1.546+/-0.000 χ^2/NDF : 2871927657.4/14

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

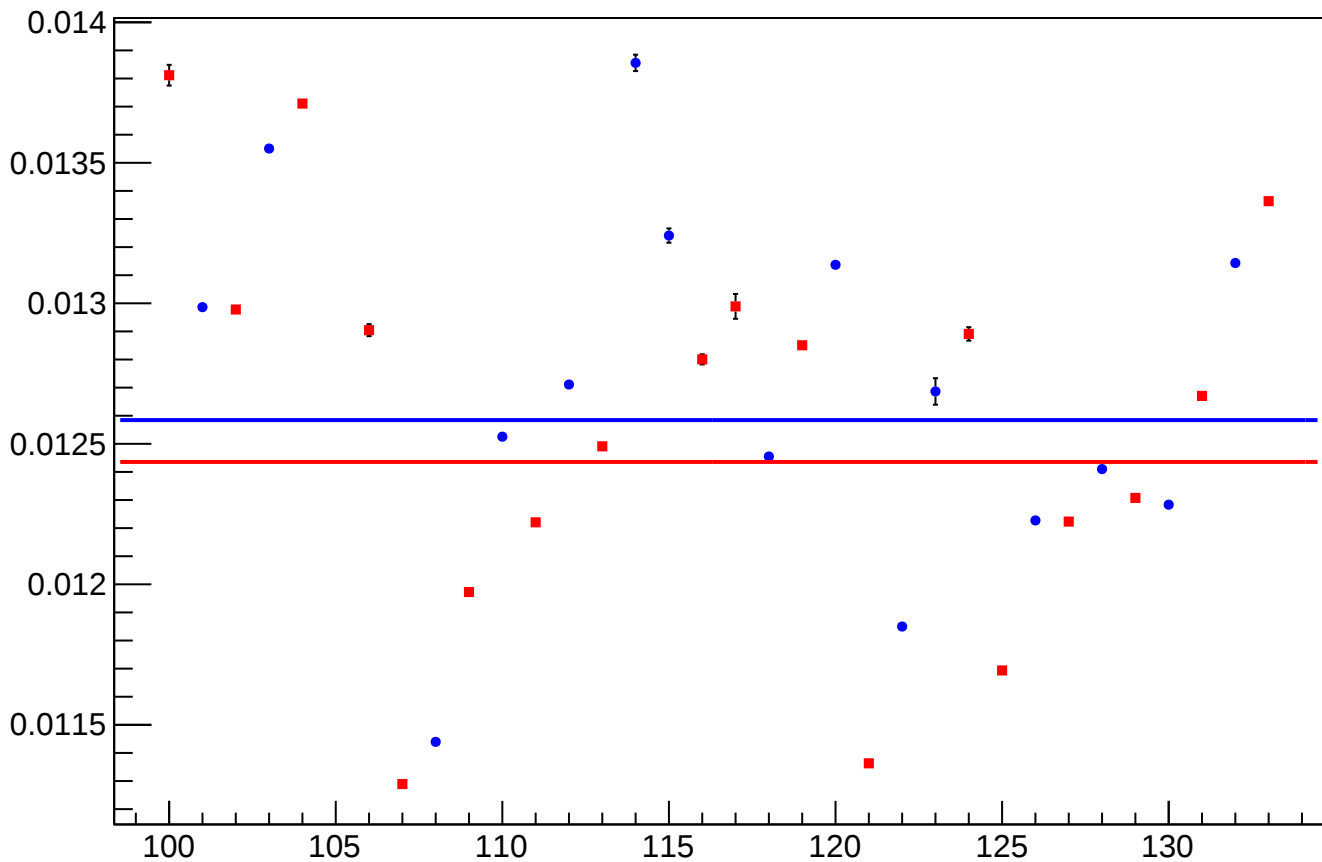
Right Out: 1.587+/-0.000 χ^2/NDF : 3340773913.8/17

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

1.546+/-0.000 χ^2/NDF : 2871927657.4/14

1.587+/-0.000 χ^2/NDF : 3340773913.8/17

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 24168.7/14

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

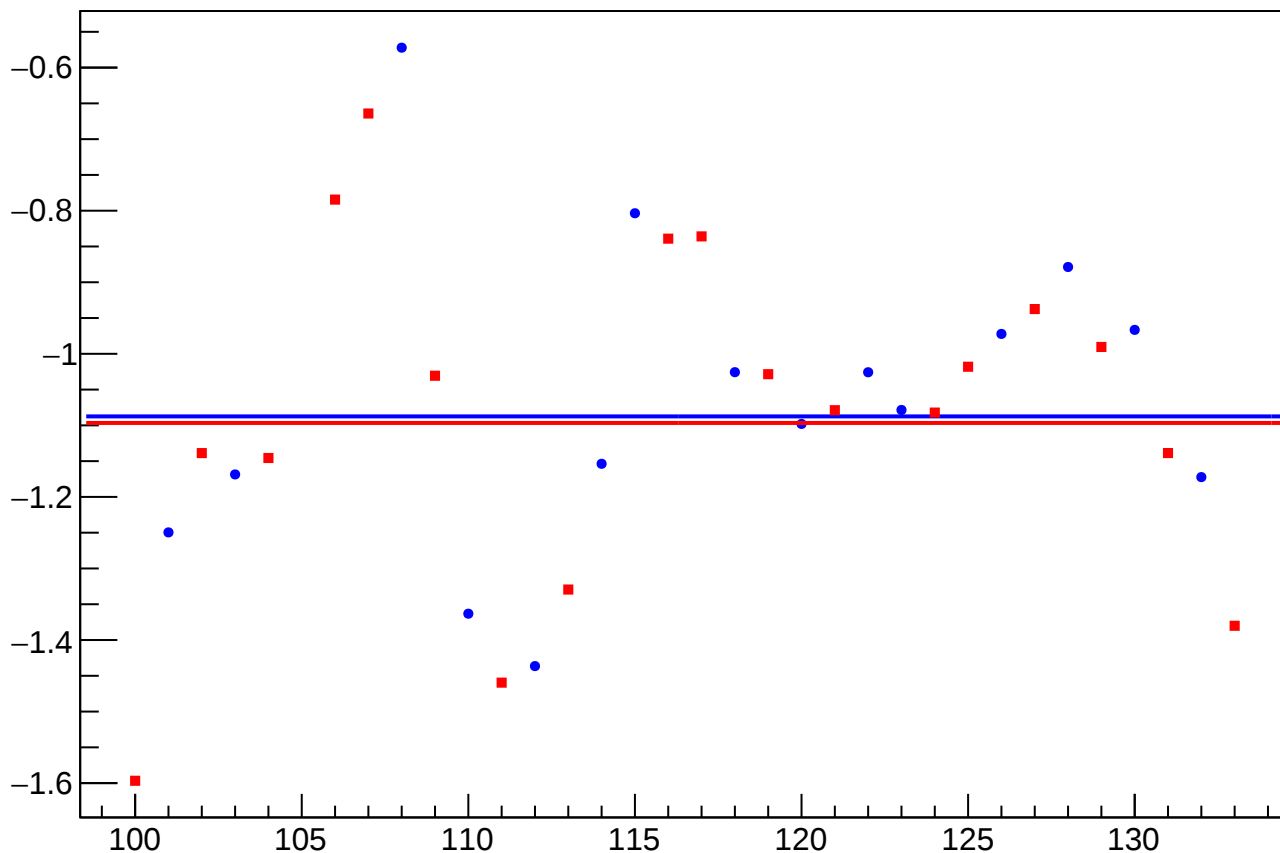
Right Out: 0.012+/-0.000 χ^2/NDF : 37365.0/17

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

0.013+/-0.000 χ^2/NDF : 24168.7/14

0.012+/-0.000 χ^2/NDF : 37365.0/17

yield_bpm0i02aY_mean vs Slug



Right In: -1.087+/-0.000 χ^2 /NDF: 2836166117.6/14

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

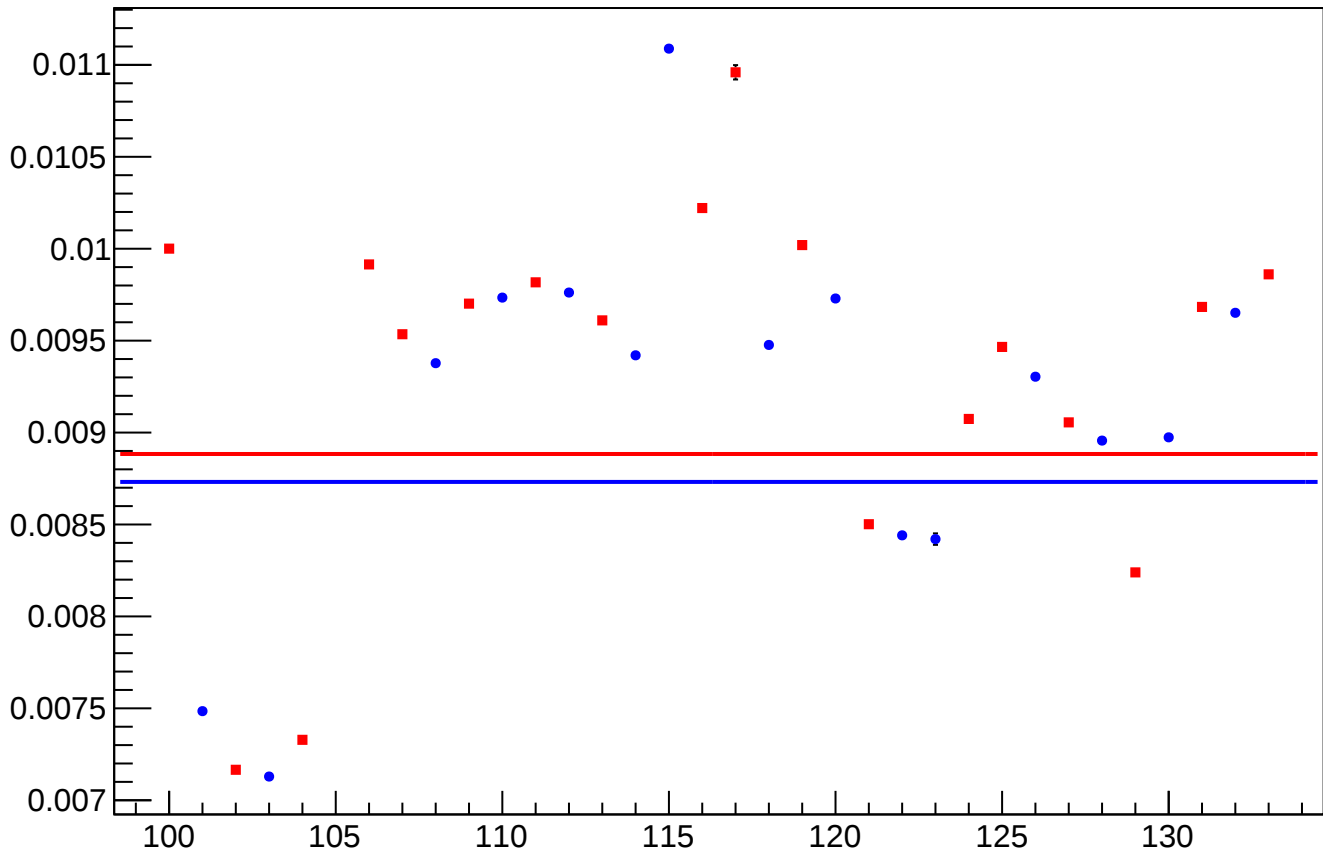
Right Out: -1.097+/-0.000 χ^2 /NDF: 2665425569.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.087+/-0.000 χ^2 /NDF: 2836166117.6/14

-1.097+/-0.000 χ^2 /NDF: 2665425569.5/17

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 144333.8/14

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

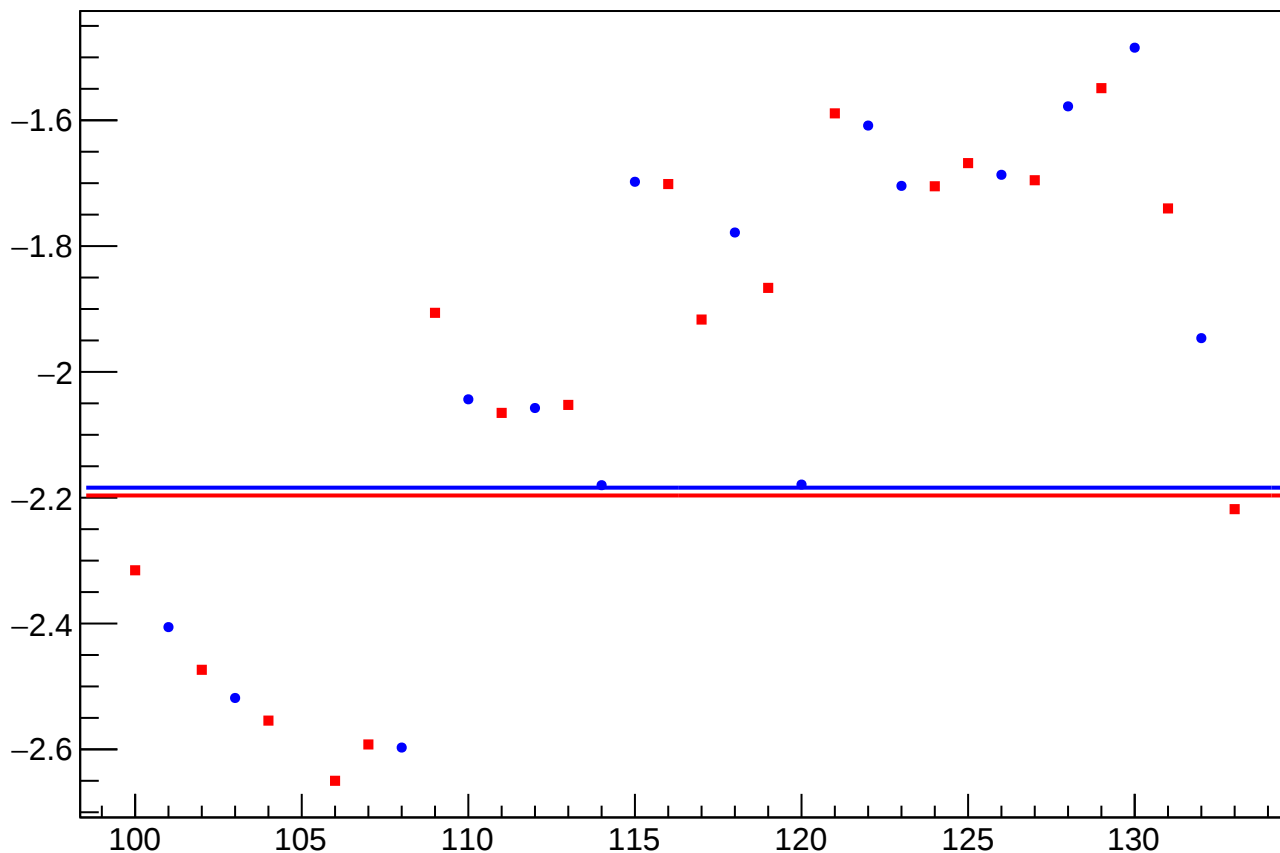
Right Out: 0.009+/-0.000 χ^2/NDF : 175147.2/17

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

0.009+/-0.000 χ^2/NDF : 144333.8/14

0.009+/-0.000 χ^2/NDF : 175147.2/17

yield_bpm0i05X_mean vs Slug



Right In: -2.184+/-0.000 χ^2/NDF : 12149893377.3/14

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

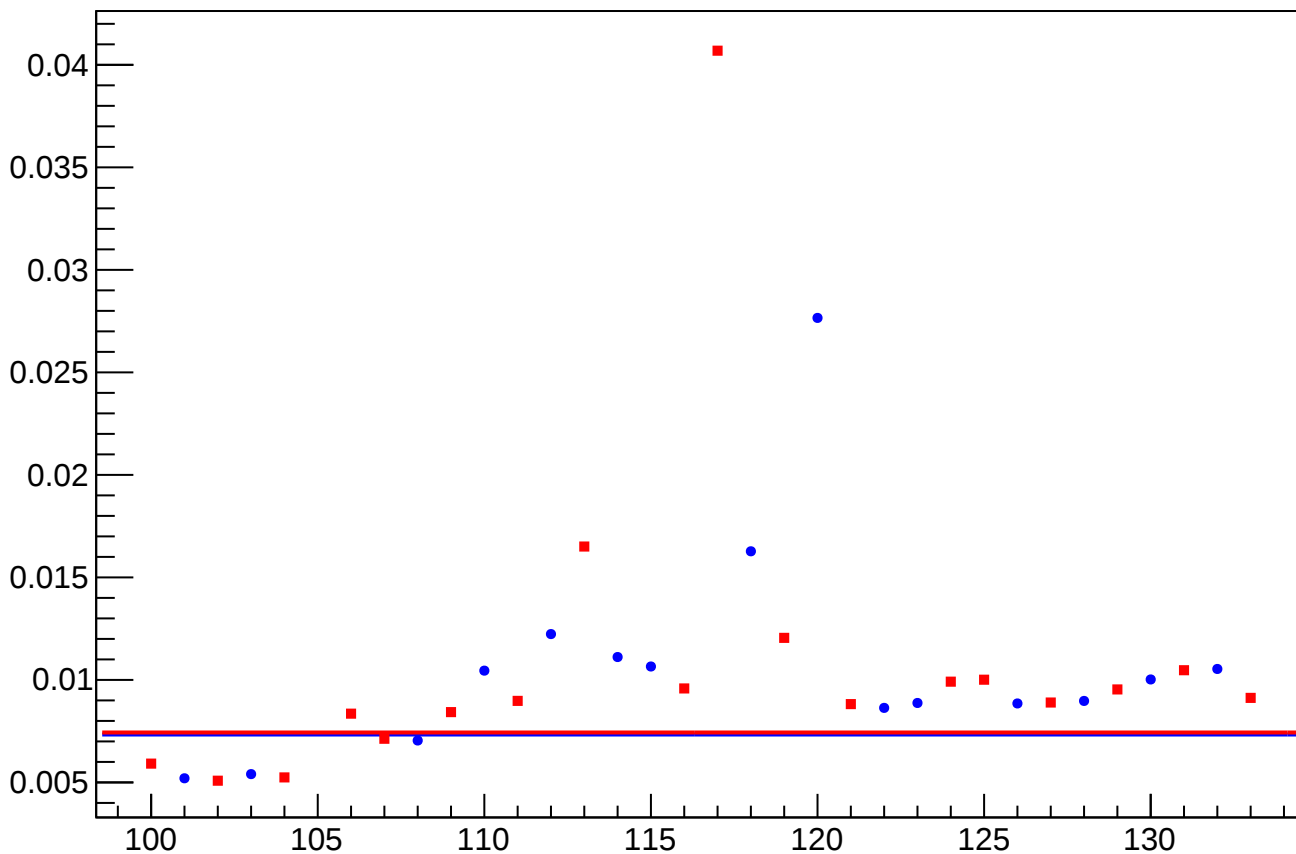
Right Out: -2.196+/-0.000 χ^2/NDF : 13198688195.2/17

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

-2.184+/-0.000 χ^2/NDF : 12149893377.3/14

-2.196+/-0.000 χ^2/NDF : 13198688195.2/17

yield_bpm0i05X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1154543.8/14

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

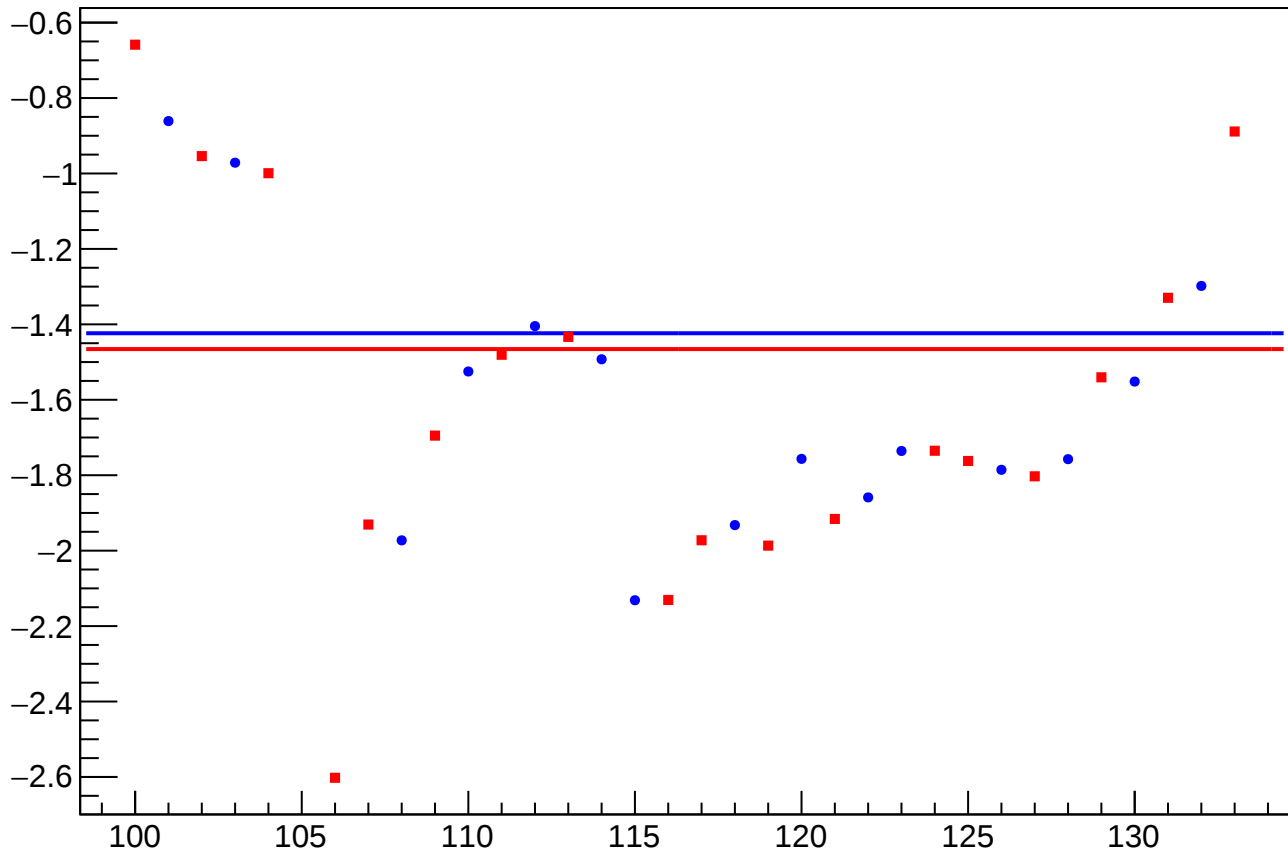
Right Out: 0.007+/-0.000 χ^2/NDF : 973013.1/17

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

0.007+/-0.000 χ^2/NDF : 1154543.8/14

0.007+/-0.000 χ^2/NDF : 973013.1/17

yield_bpm0i05Y_mean vs Slug



Right In: -1.424+/-0.000 χ^2/NDF : 18541714582.6/14

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

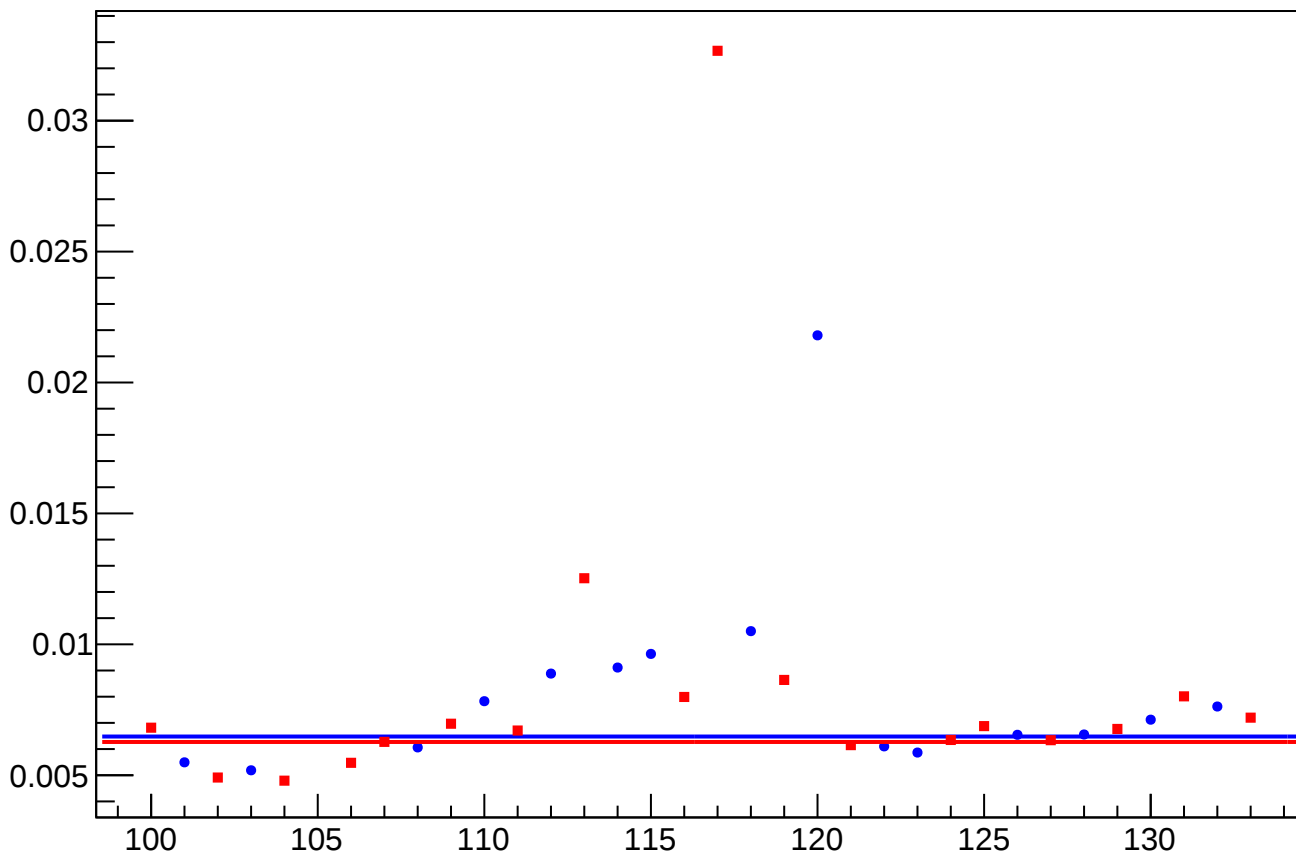
Right Out: -1.466+/-0.000 χ^2/NDF : 27846952111.1/17

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

-1.424+/-0.000 χ^2/NDF : 18541714582.6/14

-1.466+/-0.000 χ^2/NDF : 27846952111.1/17

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 551117.2/14

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

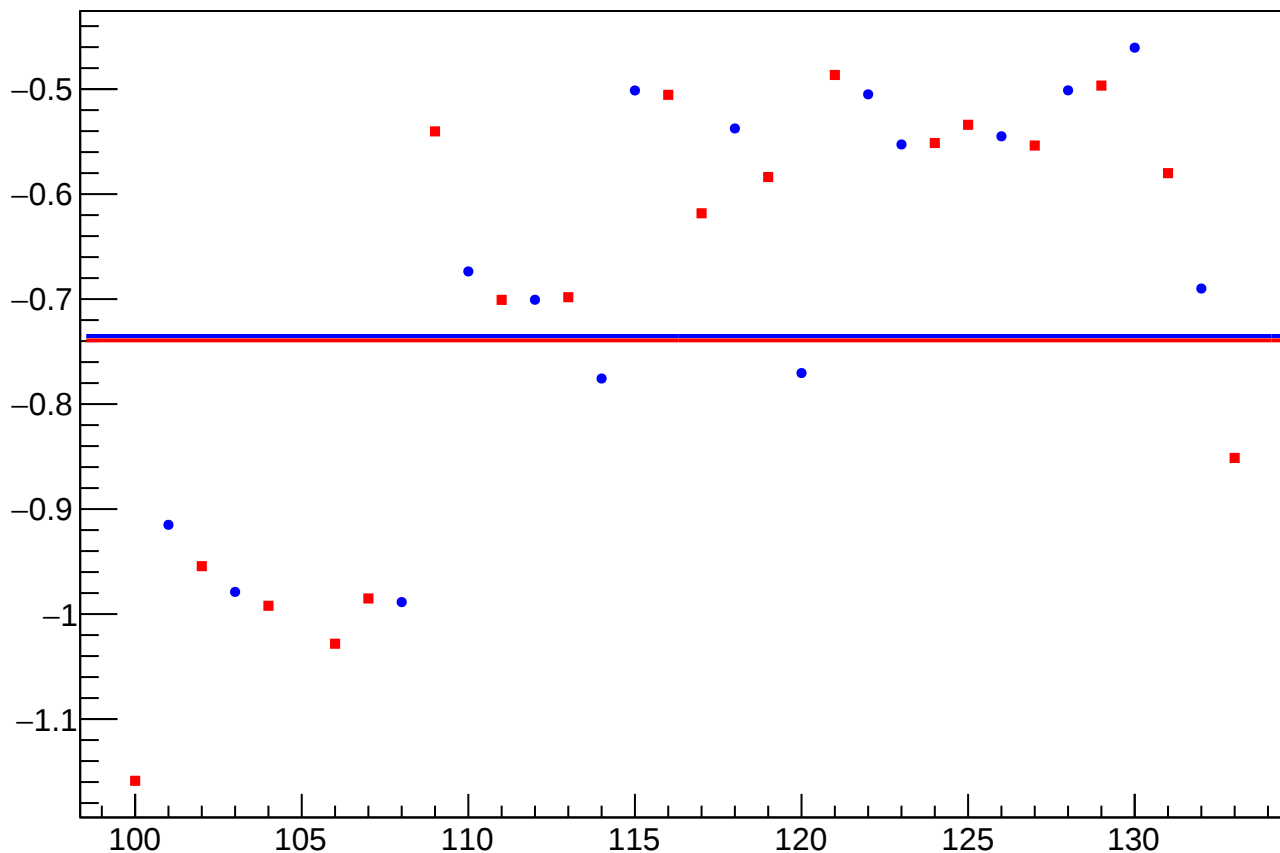
Right Out: 0.006+/-0.000 χ^2/NDF : 468056.5/17

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

0.006+/-0.000 χ^2/NDF : 551117.2/14

0.006+/-0.000 χ^2/NDF : 468056.5/17

yield_bpm0i07X_mean vs Slug



Right In: -0.735+/-0.000 χ^2/NDF : 7348364402.8/14

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

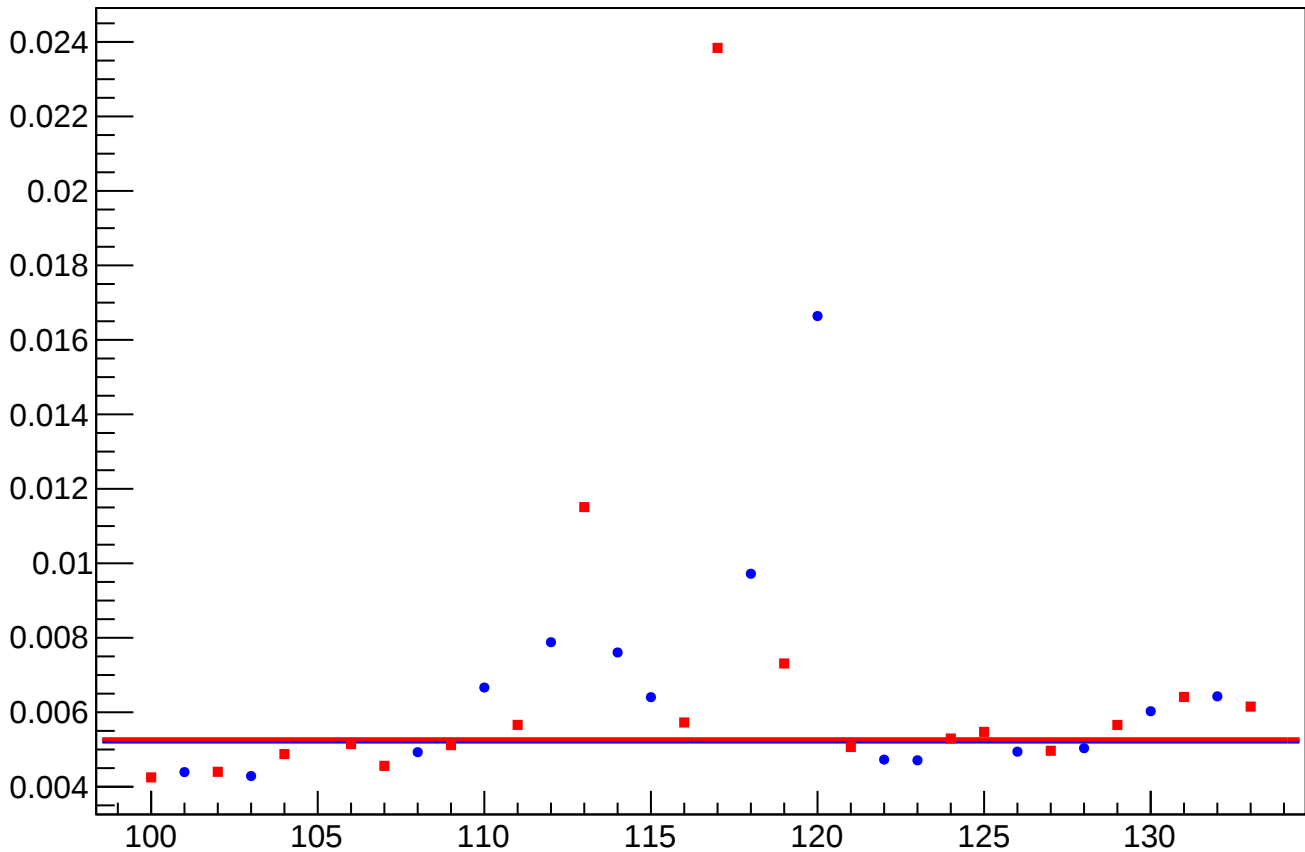
Right Out: -0.739+/-0.000 χ^2/NDF : 8934217778.5/17

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

-0.735+/-0.000 χ^2/NDF : 7348364402.8/14

-0.739+/-0.000 χ^2/NDF : 8934217778.5/17

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 636060.3/14

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

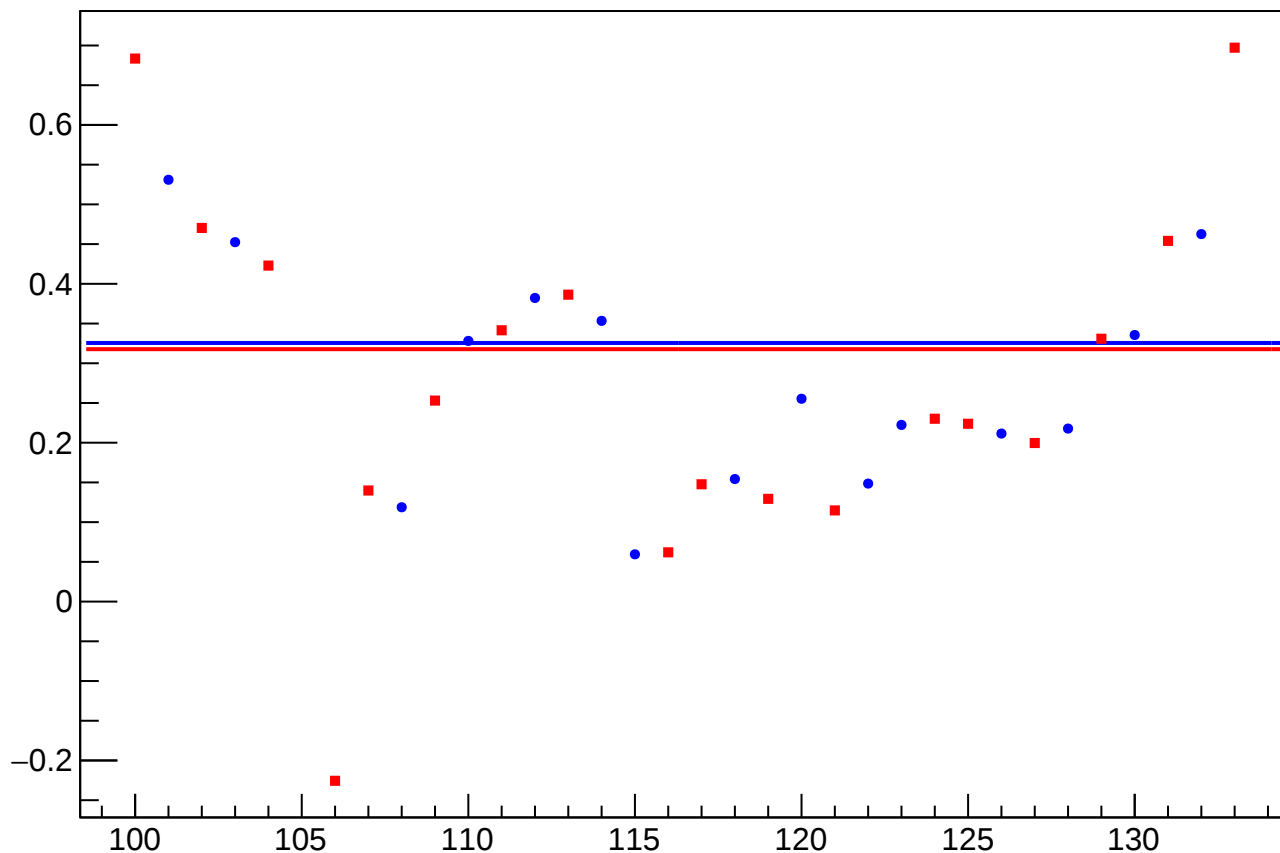
Right Out: 0.005+/-0.000 χ^2/NDF : 384214.8/17

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

0.005+/-0.000 χ^2/NDF : 636060.3/14

0.005+/-0.000 χ^2/NDF : 384214.8/17

yield_bpm0i07Y_mean vs Slug



Right In: 0.326+/-0.000 χ^2/NDF : 5789984462.6/14

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

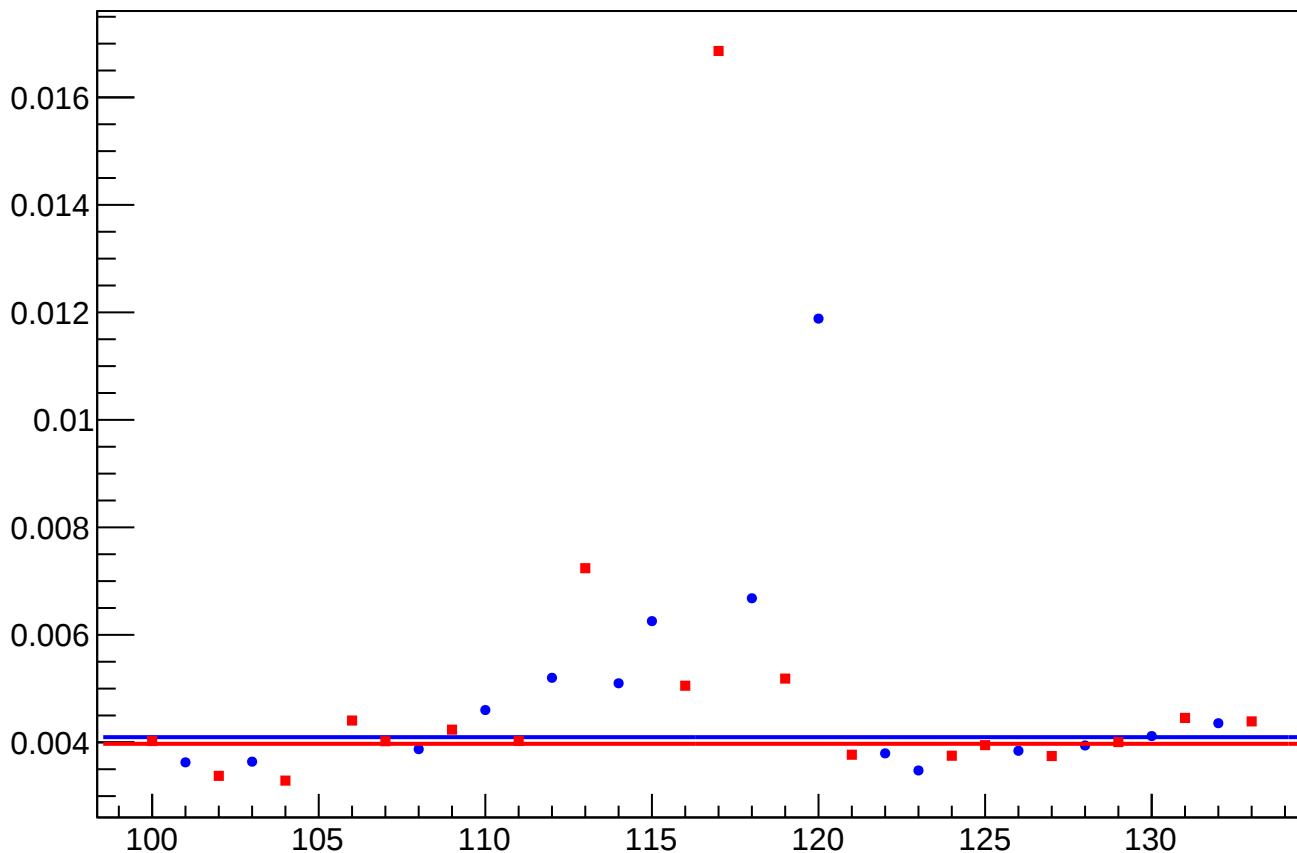
Right Out: 0.318+/-0.000 χ^2/NDF : 11122665793.5/17

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

0.326+/-0.000 χ^2/NDF : 5789984462.6/14

0.318+/-0.000 χ^2/NDF : 11122665793.5/17

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 436948.7/14

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

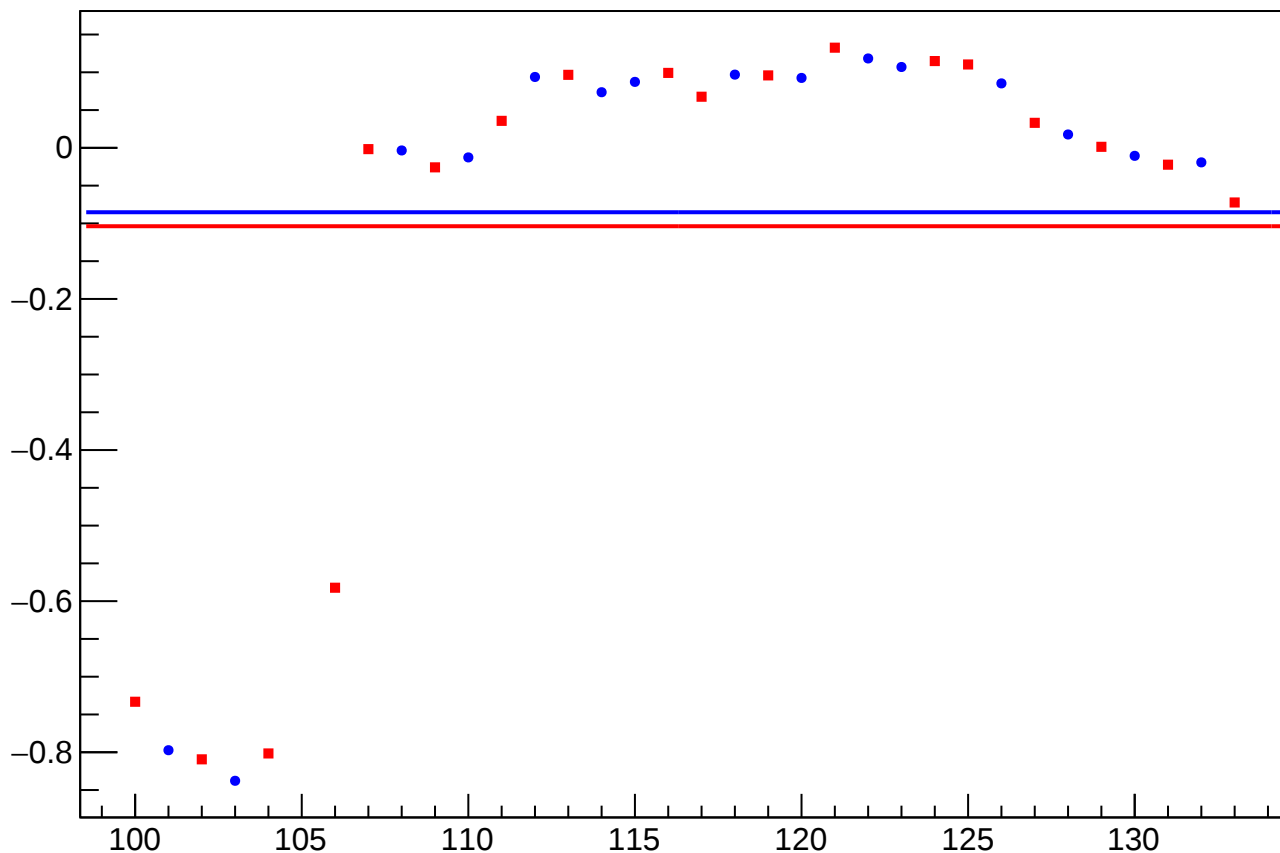
Right Out: 0.004+/-0.000 χ^2/NDF : 300080.6/17

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

0.004+/-0.000 χ^2/NDF : 436948.7/14

0.004+/-0.000 χ^2/NDF : 300080.6/17

yield_bpm1i02X_mean vs Slug



Right In: -0.085+/-0.000 χ^2 /NDF: 4988075373.0/14

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

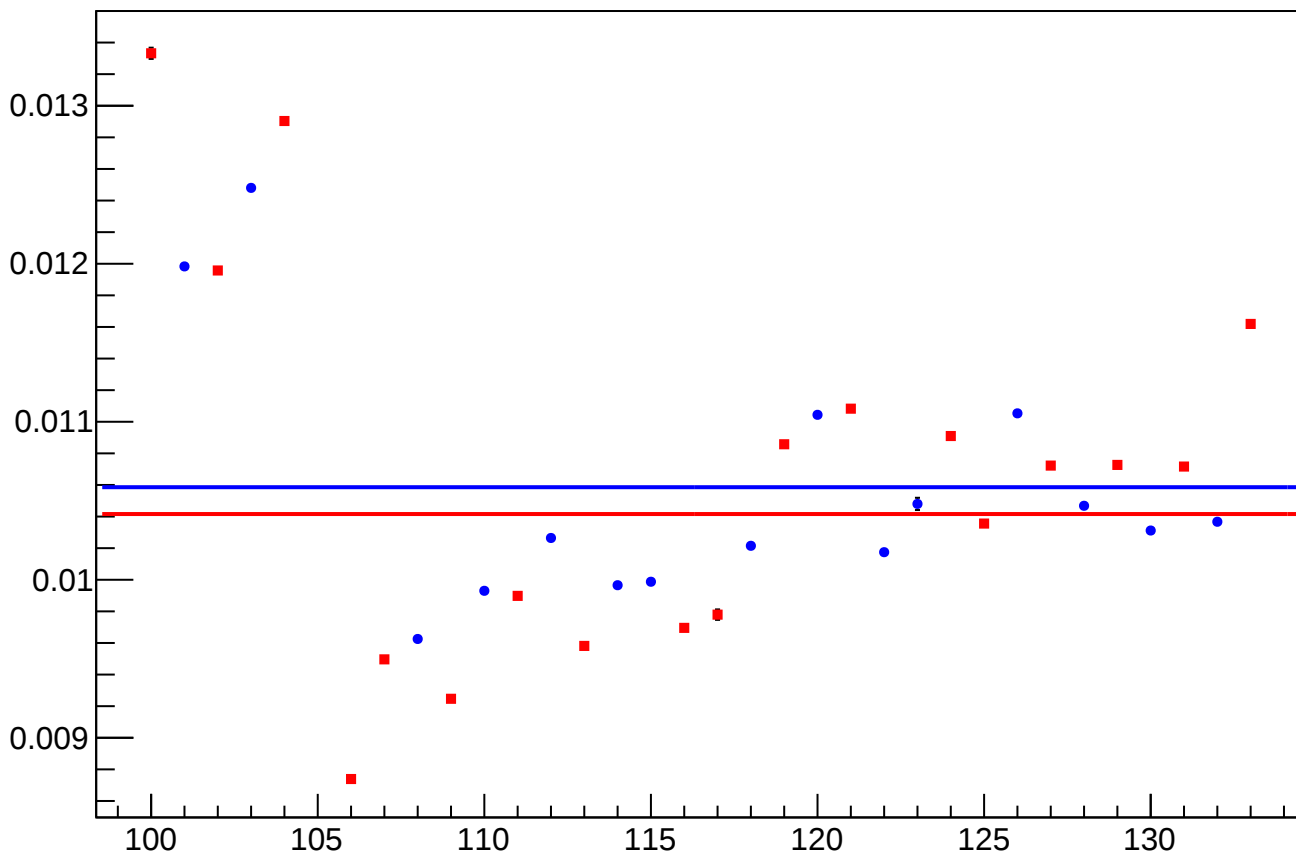
Right Out: -0.104+/-0.000 χ^2 /NDF: 5561794643.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.085+/-0.000 χ^2 /NDF: 4988075373.0/14

-0.104+/-0.000 χ^2 /NDF: 5561794643.5/17

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 61679.1/14

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

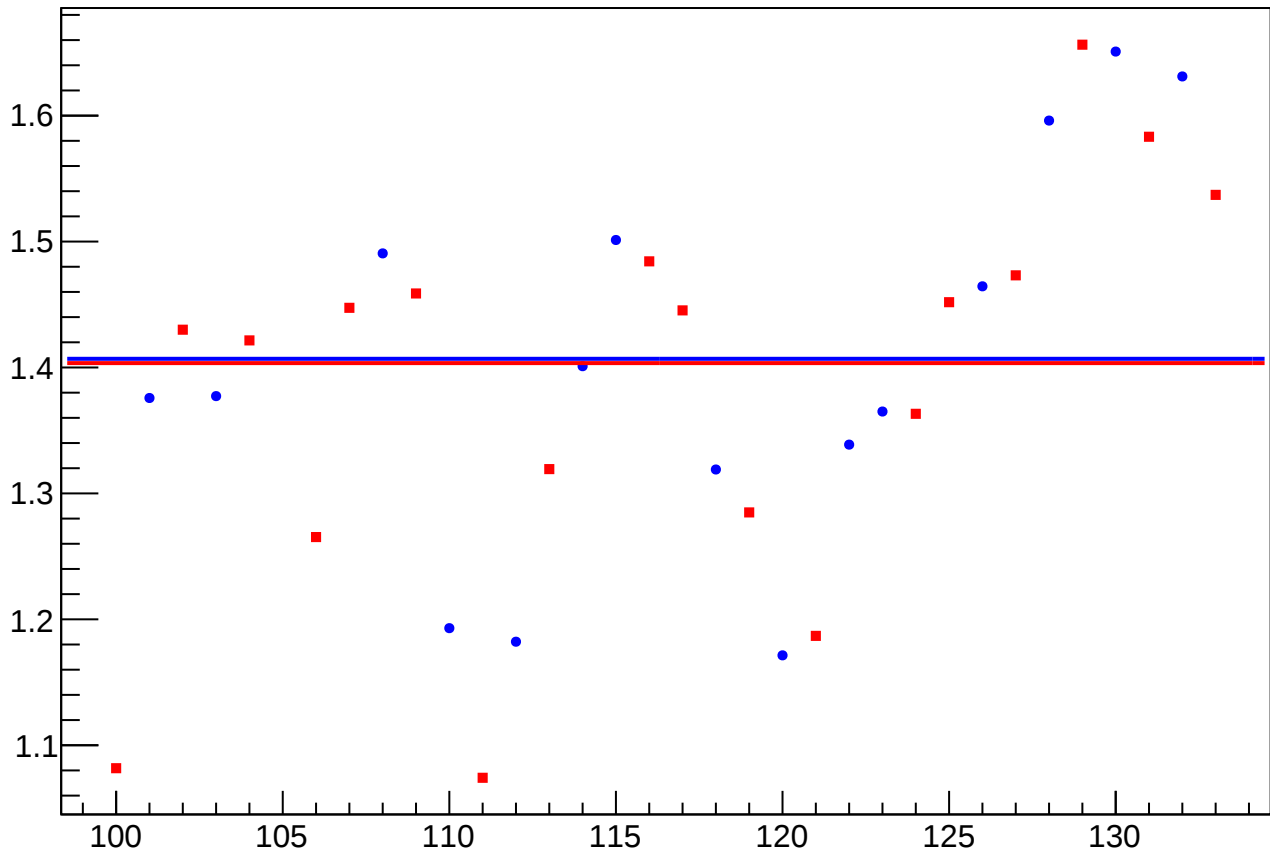
Right Out: 0.010+/-0.000 χ^2/NDF : 135272.4/17

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

0.011+/-0.000 χ^2/NDF : 61679.1/14

0.010+/-0.000 χ^2/NDF : 135272.4/17

yield_bpm1i02Y_mean vs Slug



Right In: 1.407 $\pm$ 0.000 χ^2 /NDF: 2303416420.4/14

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

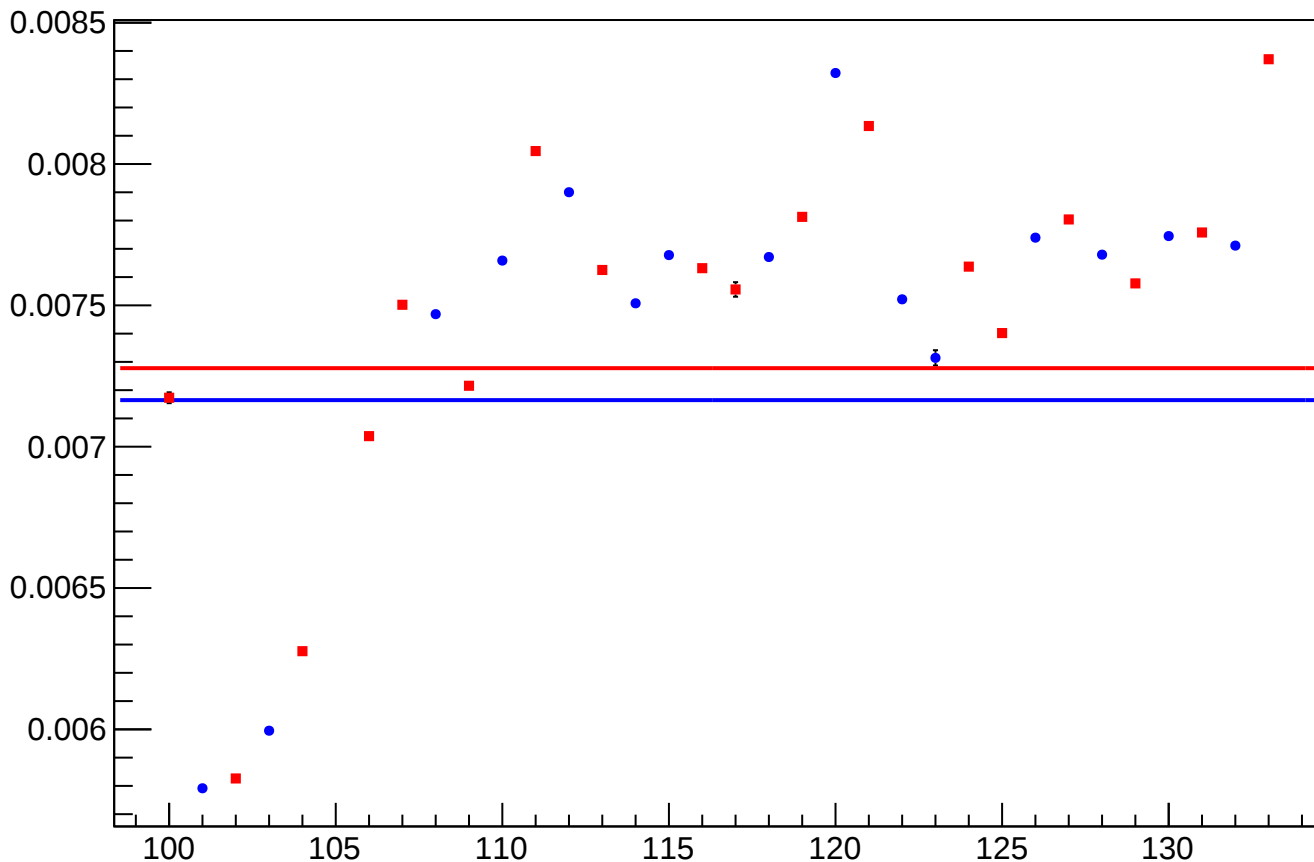
1.407 $\pm$ 0.000 χ^2 /NDF: 2303416420.4/14

Right Out: 1.403 $\pm$ 0.000 χ^2 /NDF: 2332567441.6/17

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

1.403 $\pm$ 0.000 χ^2 /NDF: 2332567441.6/17

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 159257.7/14

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

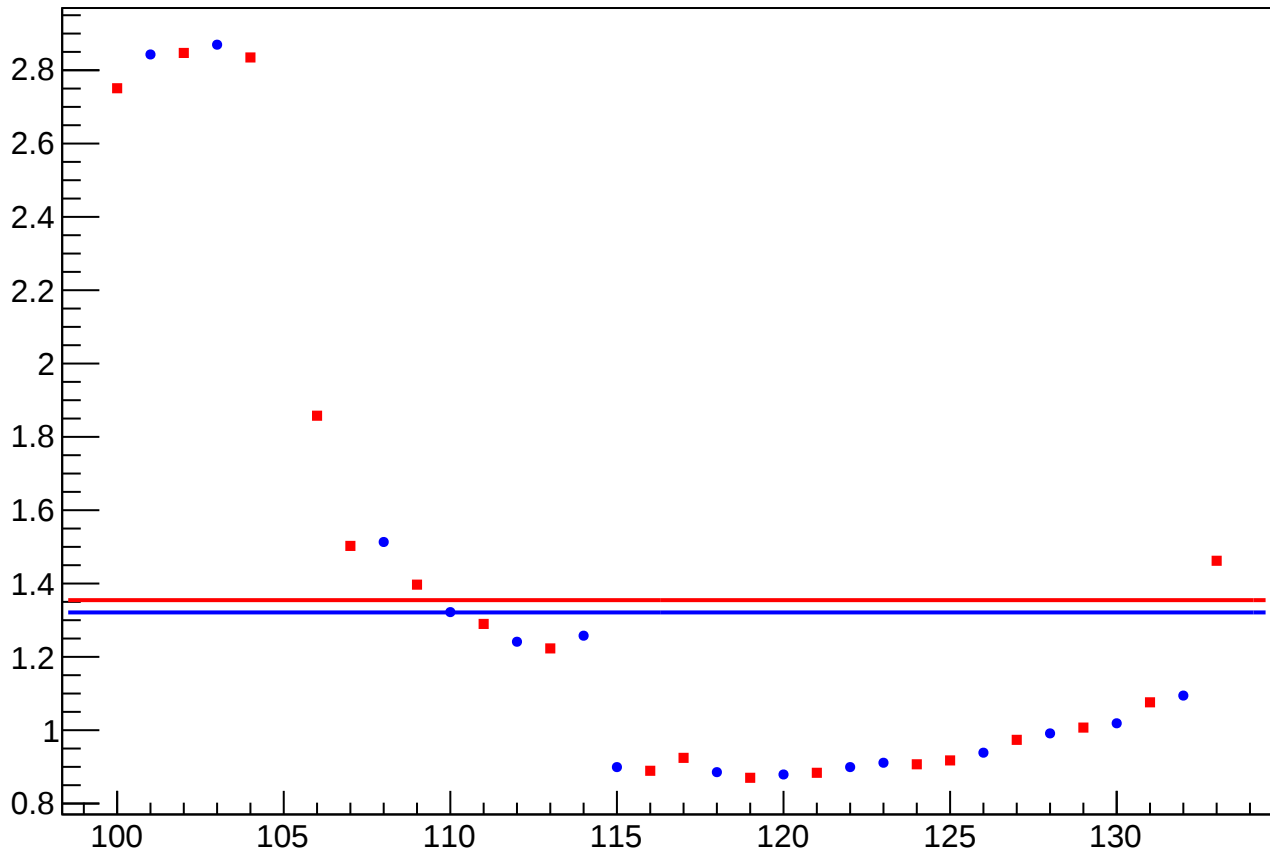
Right Out: 0.007+/-0.000 χ^2/NDF : 141021.2/17

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

0.007+/-0.000 χ^2/NDF : 159257.7/14

0.007+/-0.000 χ^2/NDF : 141021.2/17

yield_bpm1i04X_mean vs Slug



Right In: 1.321+/-0.000 χ^2/NDF : 51511112361.4/14

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

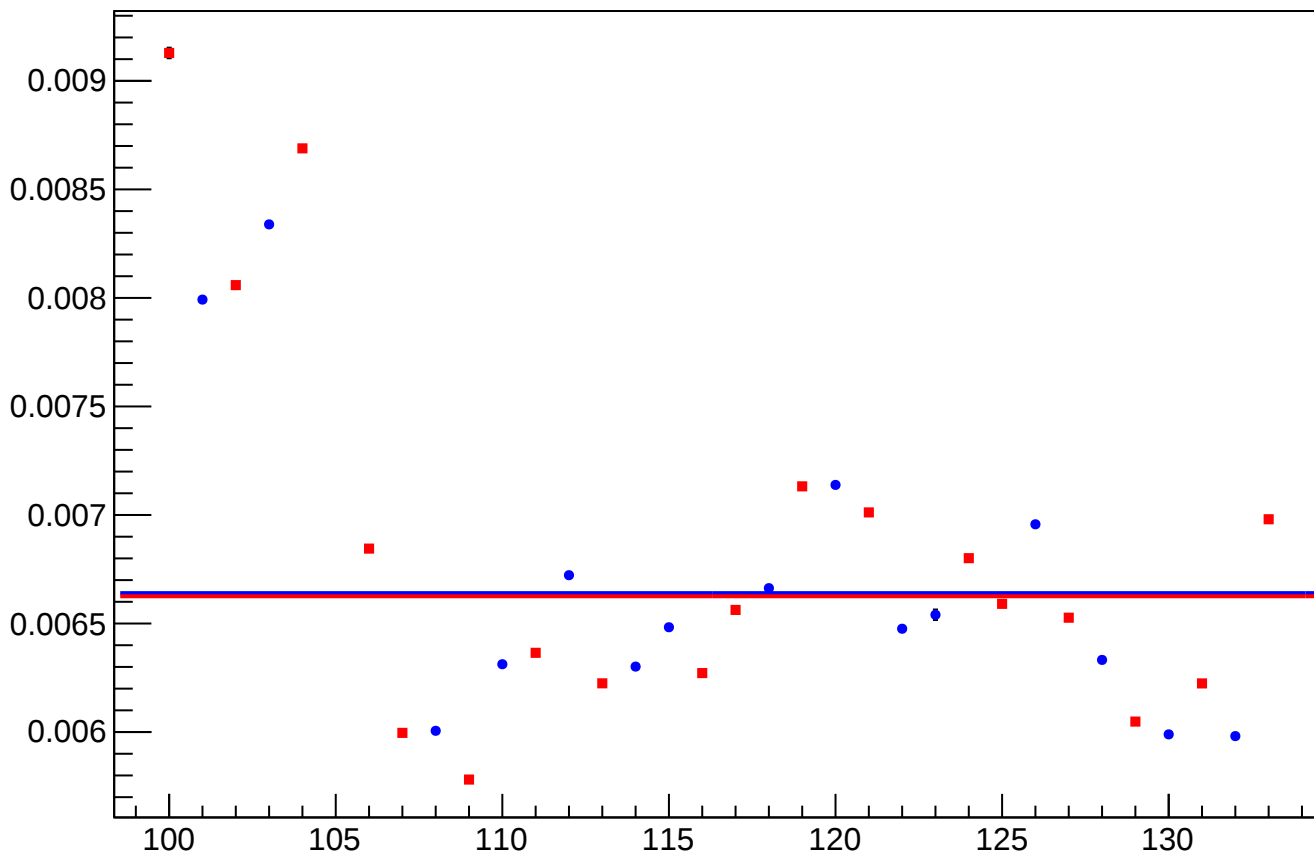
1.321+/-0.000 χ^2/NDF : 51511112361.4/14

Right Out: 1.355+/-0.000 χ^2/NDF : 48160194441.8/17

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

1.355+/-0.000 χ^2/NDF : 48160194441.8/17

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 121385.4/14

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

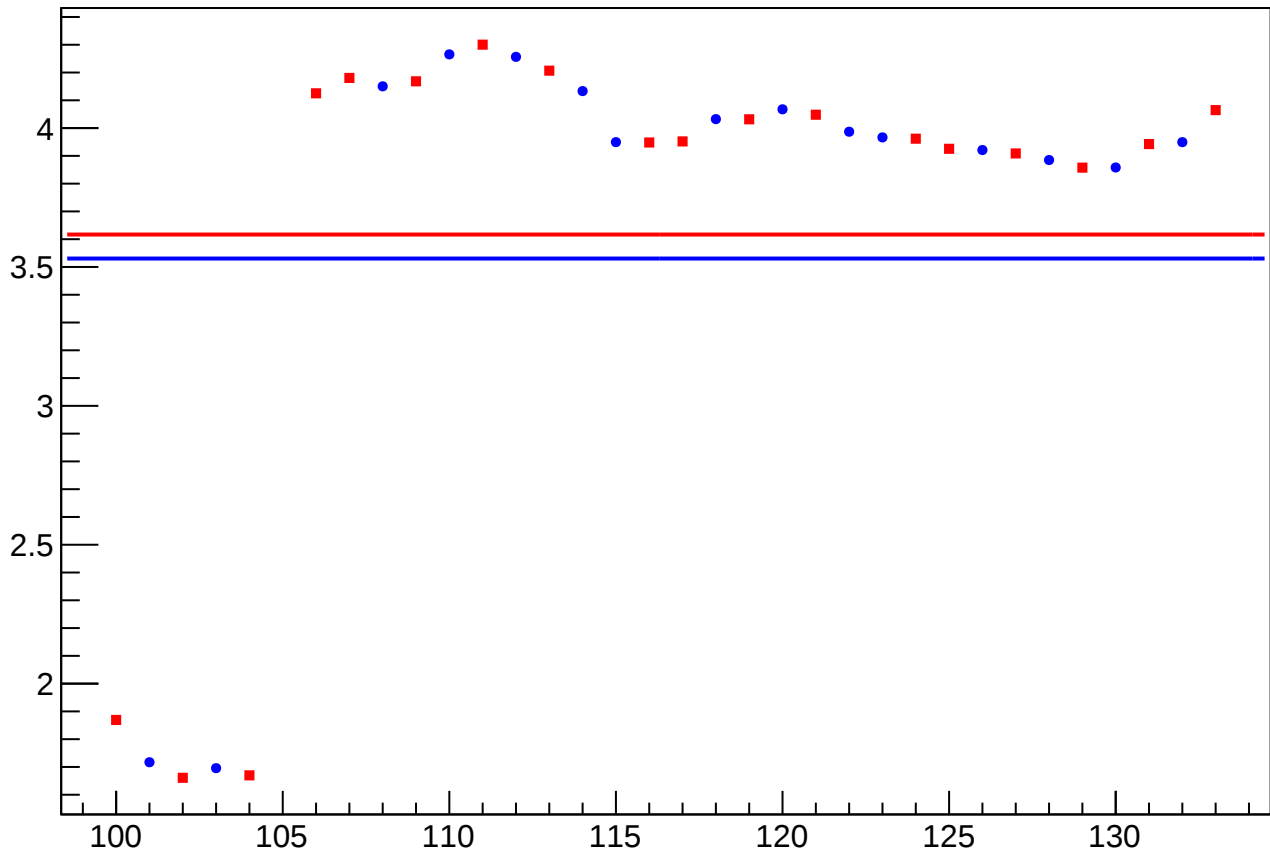
Right Out: 0.007+/-0.000 χ^2/NDF : 158496.1/17

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

0.007+/-0.000 χ^2/NDF : 121385.4/14

0.007+/-0.000 χ^2/NDF : 158496.1/17

yield_bpm1i04Y_mean vs Slug



Right In: 3.530 $\pm$ 0.000 χ^2 /NDF: 178186766241.8/14

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

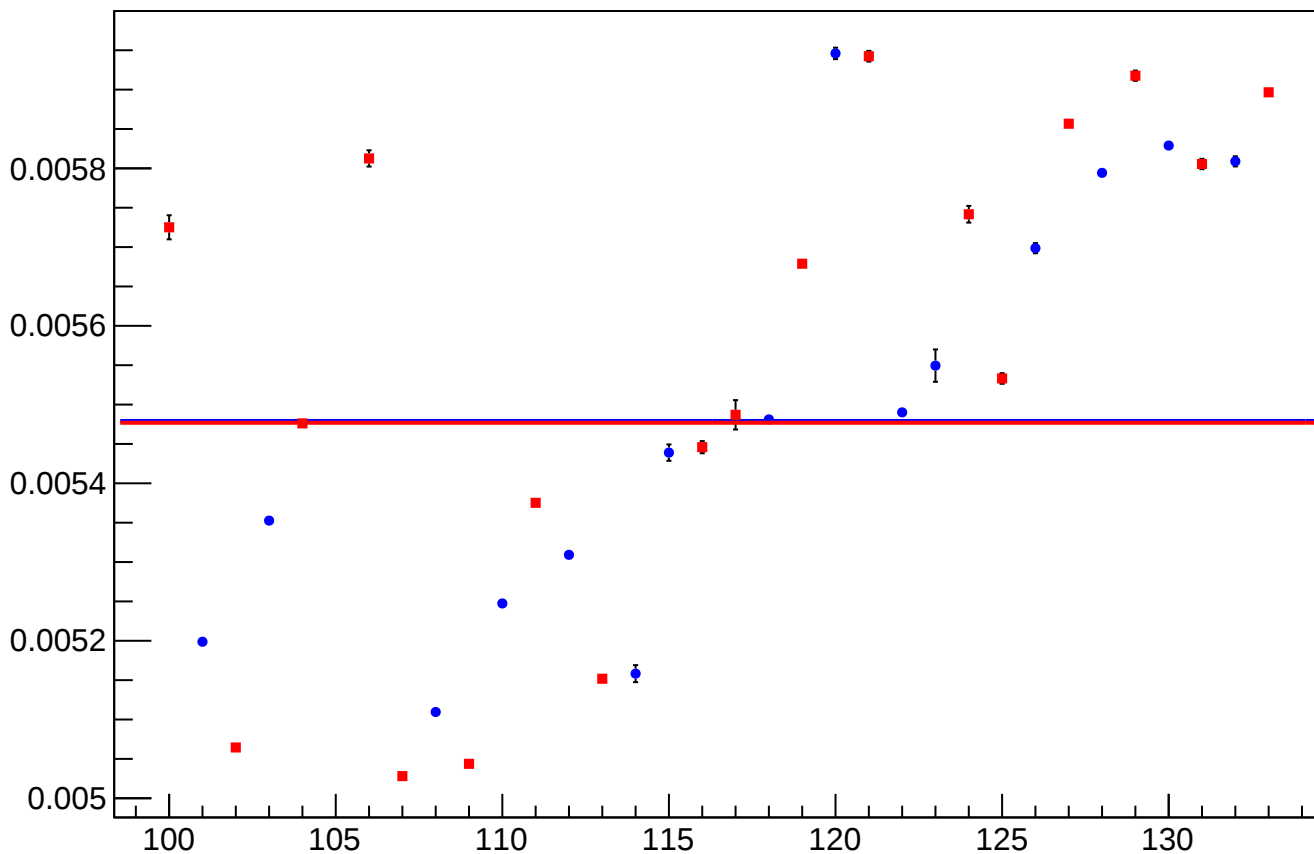
3.530 $\pm$ 0.000 χ^2 /NDF: 178186766241.8/14

Right Out: 3.617 $\pm$ 0.000 χ^2 /NDF: 187241424842.7/17

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

3.617 $\pm$ 0.000 χ^2 /NDF: 187241424842.7/17

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 25774.1/14

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

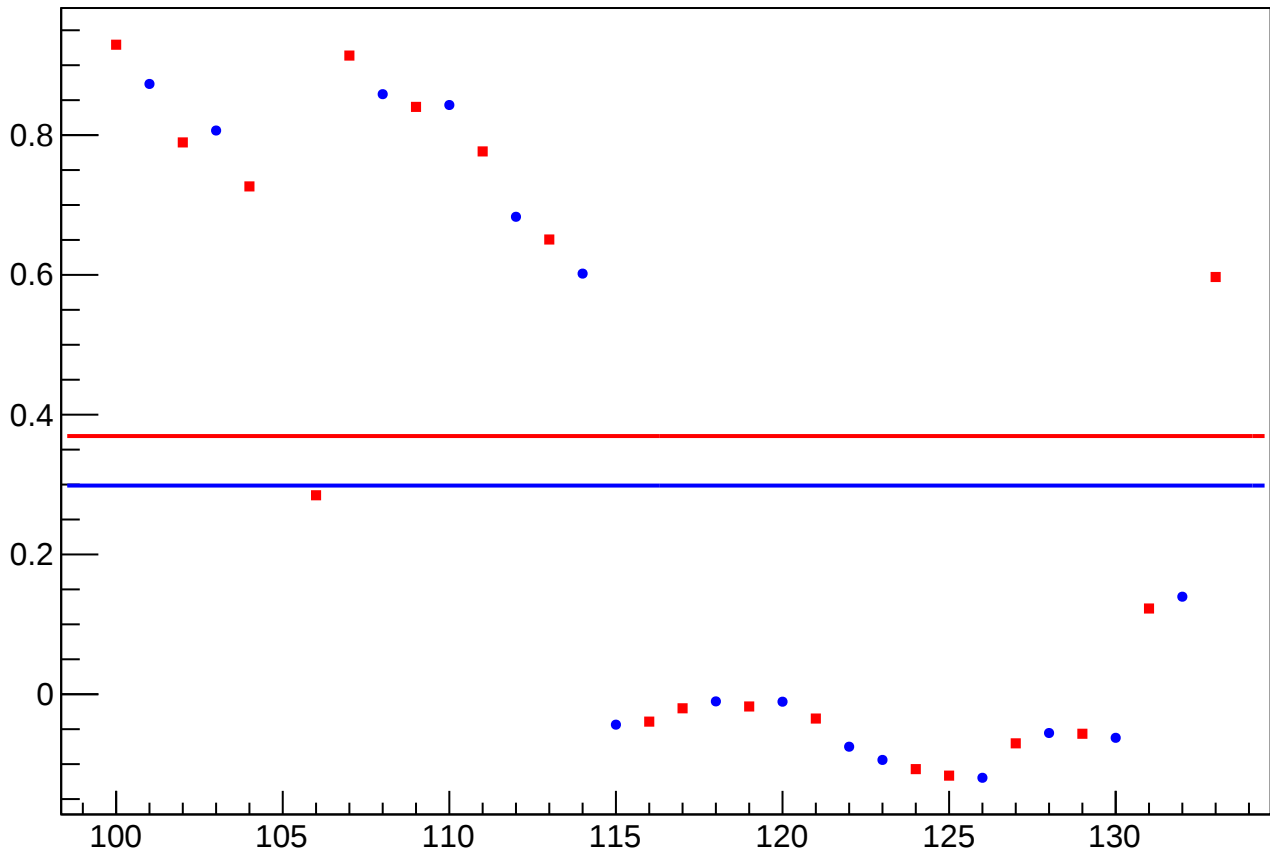
Right Out: 0.005+/-0.000 χ^2/NDF : 47559.0/17

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

0.005+/-0.000 χ^2/NDF : 25774.1/14

0.005+/-0.000 χ^2/NDF : 47559.0/17

yield_bpm1i06X_mean vs Slug



Right In: 0.299+/-0.000 χ^2/NDF : 4963185987.8/14

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

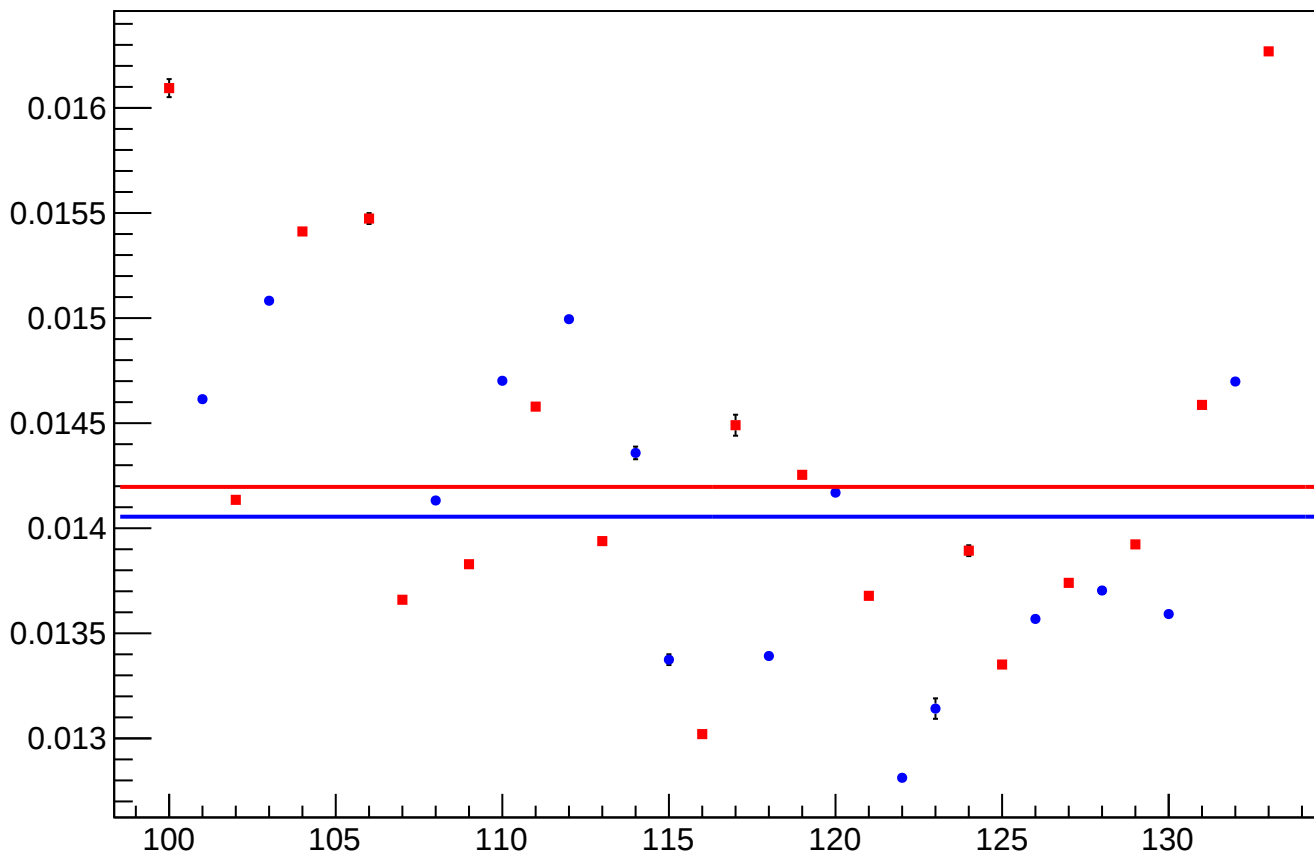
0.299+/-0.000 χ^2/NDF : 4963185987.8/14

Right Out: 0.369+/-0.000 χ^2/NDF : 5136490470.7/17

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

0.369+/-0.000 χ^2/NDF : 5136490470.7/17

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 27591.2/14

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

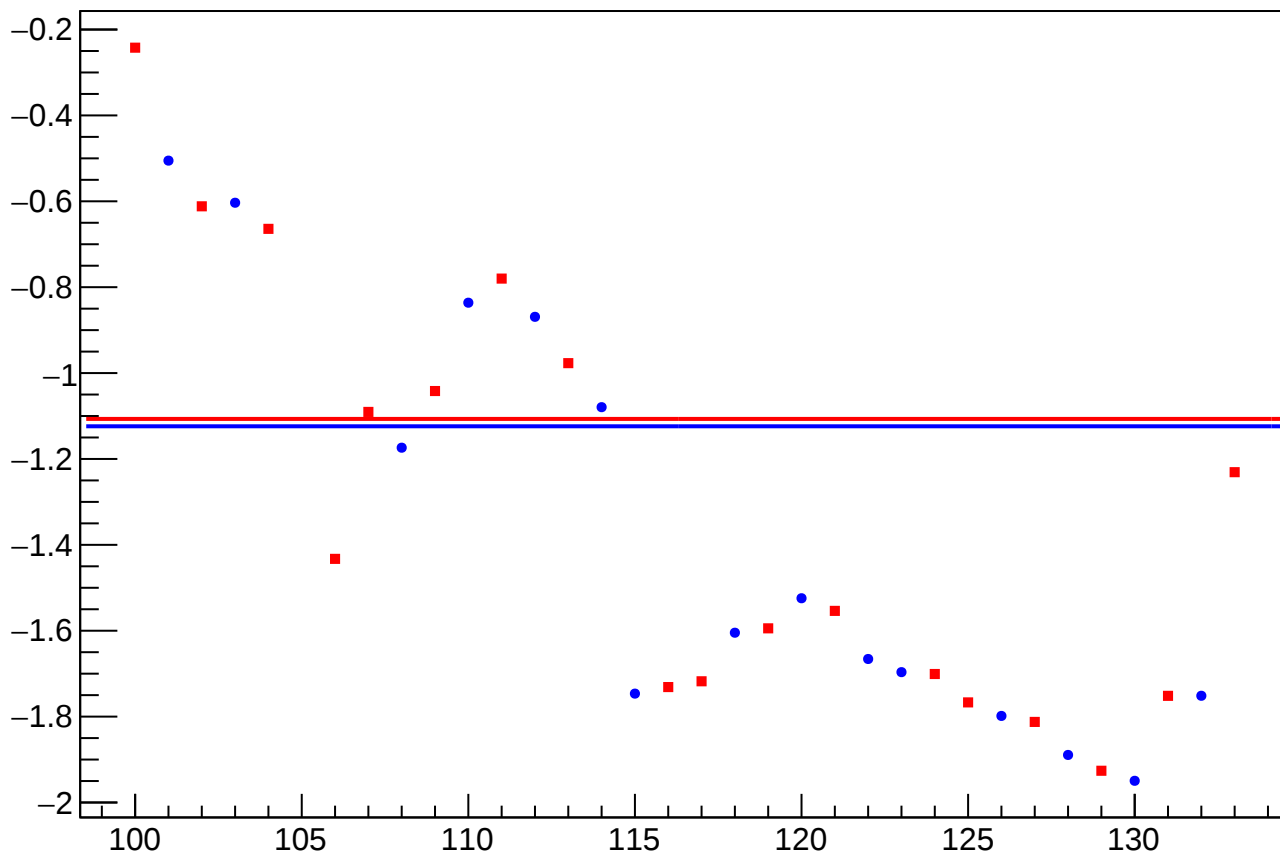
Right Out: 0.014+/-0.000 χ^2/NDF : 37022.4/17

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

0.014+/-0.000 χ^2/NDF : 27591.2/14

0.014+/-0.000 χ^2/NDF : 37022.4/17

yield_bpm1i06Y_mean vs Slug



Right In: -1.124+/-0.000 χ^2/NDF : 53455300376.5/14

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

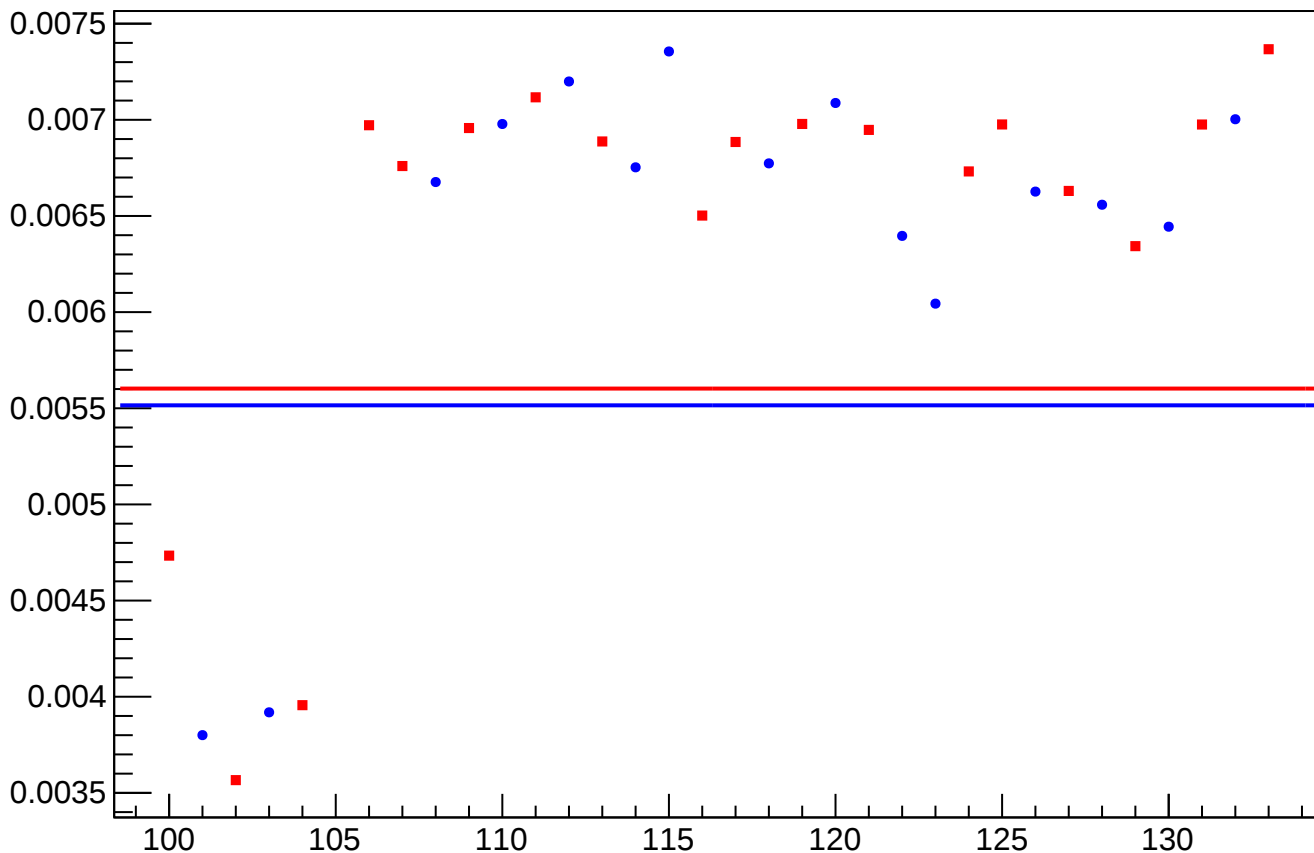
Right Out: -1.107+/-0.000 χ^2/NDF : 44158700589.4/17

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

-1.124+/-0.000 χ^2/NDF : 53455300376.5/14

-1.107+/-0.000 χ^2/NDF : 44158700589.4/17

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 688883.5/14

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

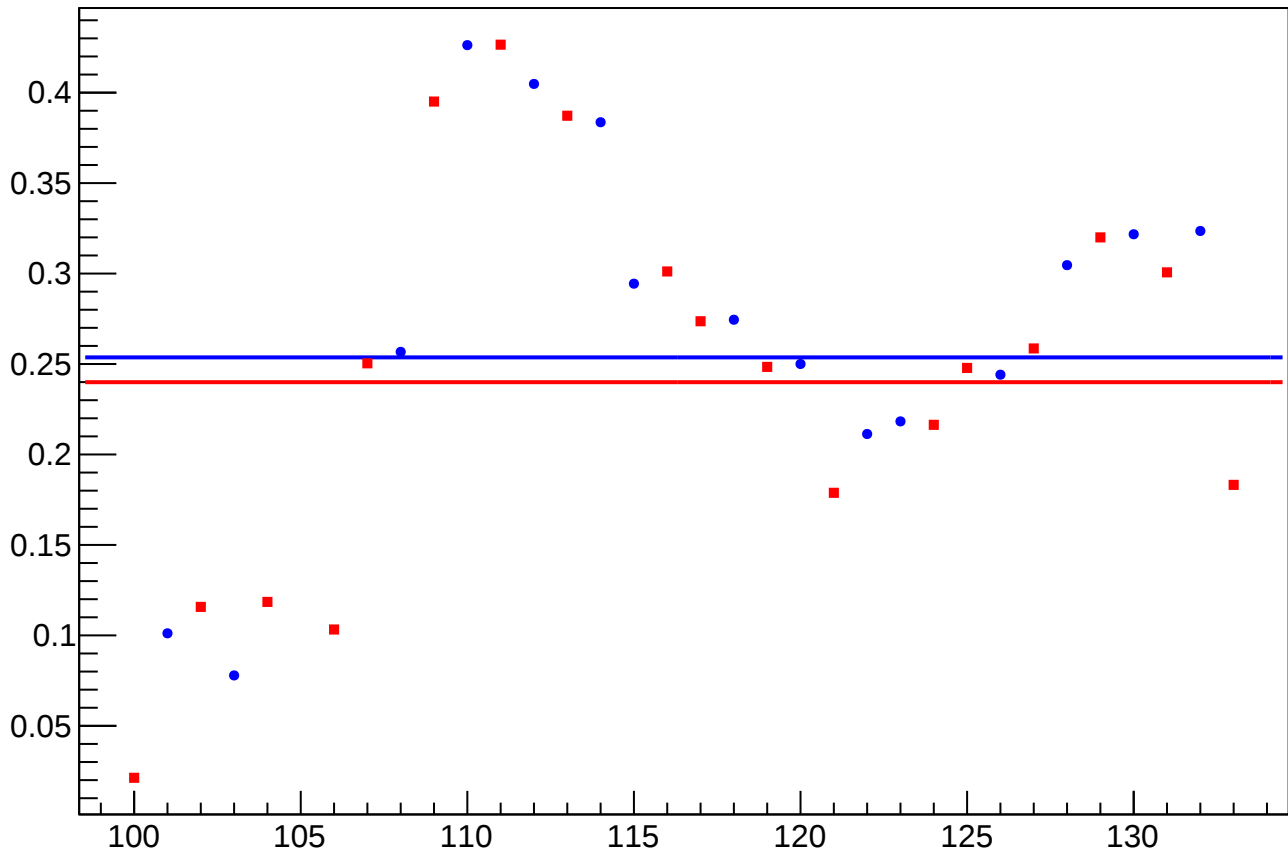
Right Out: 0.006+/-0.000 χ^2/NDF : 848552.8/17

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

0.006+/-0.000 χ^2/NDF : 688883.5/14

0.006+/-0.000 χ^2/NDF : 848552.8/17

yield_bpm2i01X_mean vs Slug



Right In: 0.254+/-0.000 χ^2/NDF : 21055187906.2/14

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

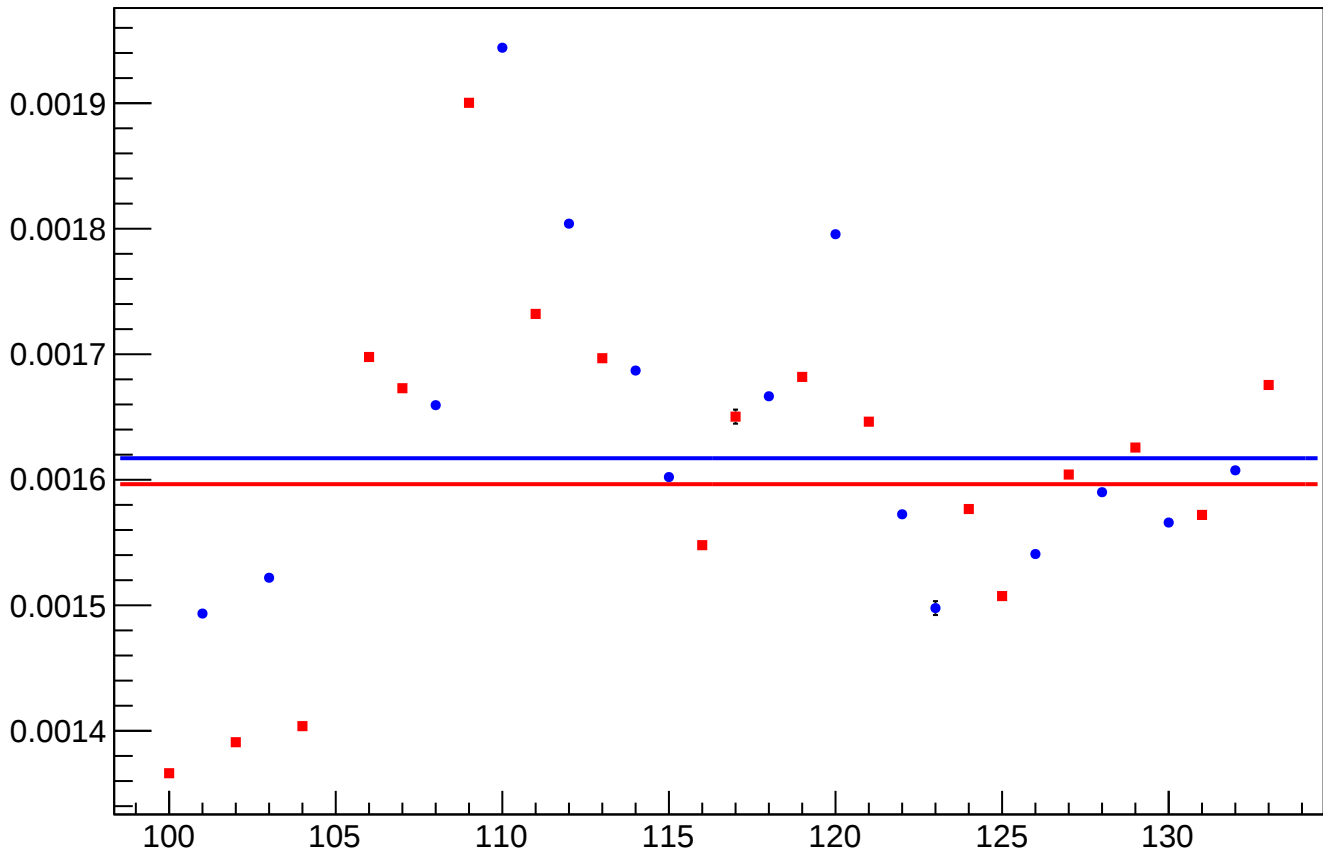
0.254+/-0.000 χ^2/NDF : 21055187906.2/14

Right Out: 0.240+/-0.000 χ^2/NDF : 25900894154.1/17

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

0.240+/-0.000 χ^2/NDF : 25900894154.1/17

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 50995.3/14

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

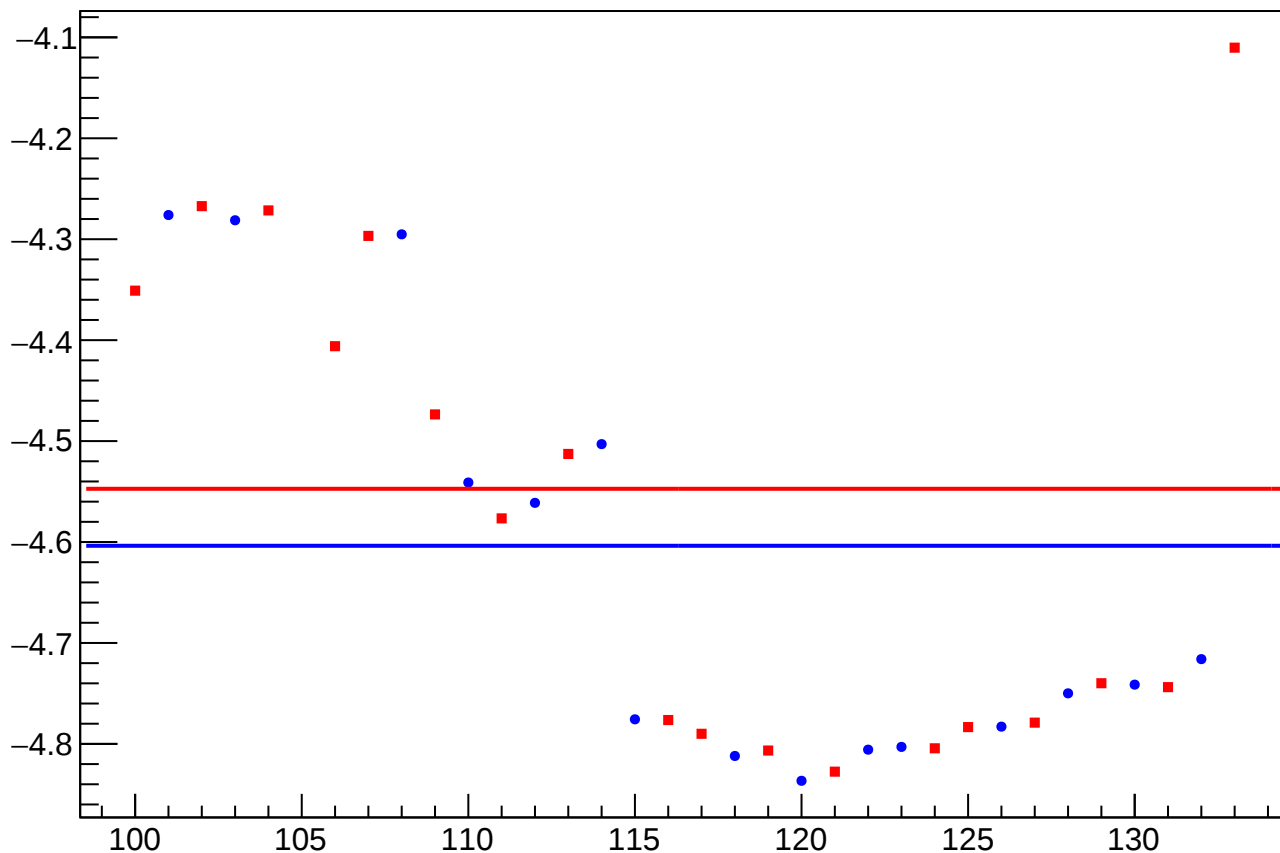
Right Out: 0.002+/-0.000 χ^2/NDF : 90463.7/17

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

0.002+/-0.000 χ^2/NDF : 50995.3/14

0.002+/-0.000 χ^2/NDF : 90463.7/17

yield_bpm2i01Y_mean vs Slug



Right In: -4.604+/-0.000 χ^2/NDF : 75193270039.1/14

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

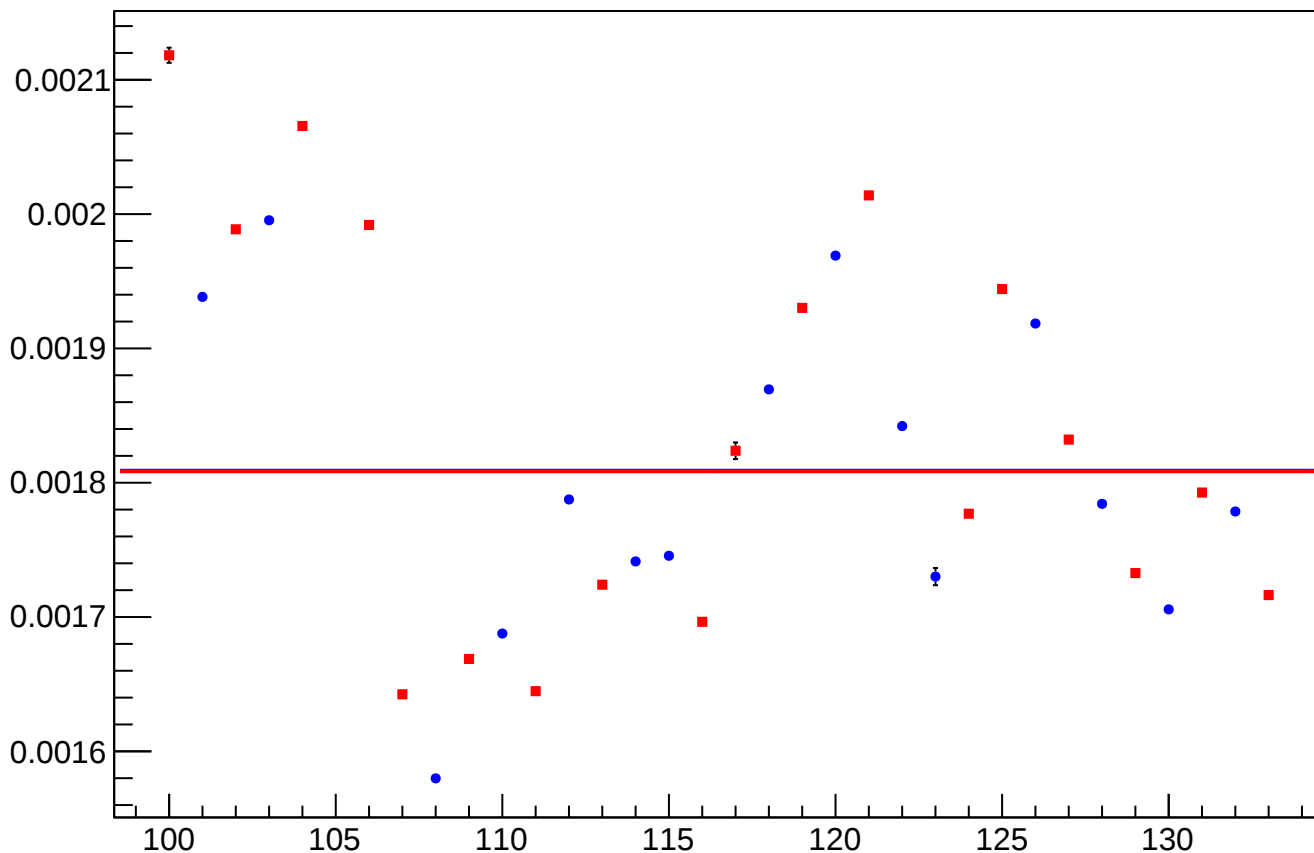
Right Out: -4.547+/-0.000 χ^2/NDF : 103073454223.4/17

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

-4.604+/-0.000 χ^2/NDF : 75193270039.1/14

-4.547+/-0.000 χ^2/NDF : 103073454223.4/17

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 47213.2/14

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

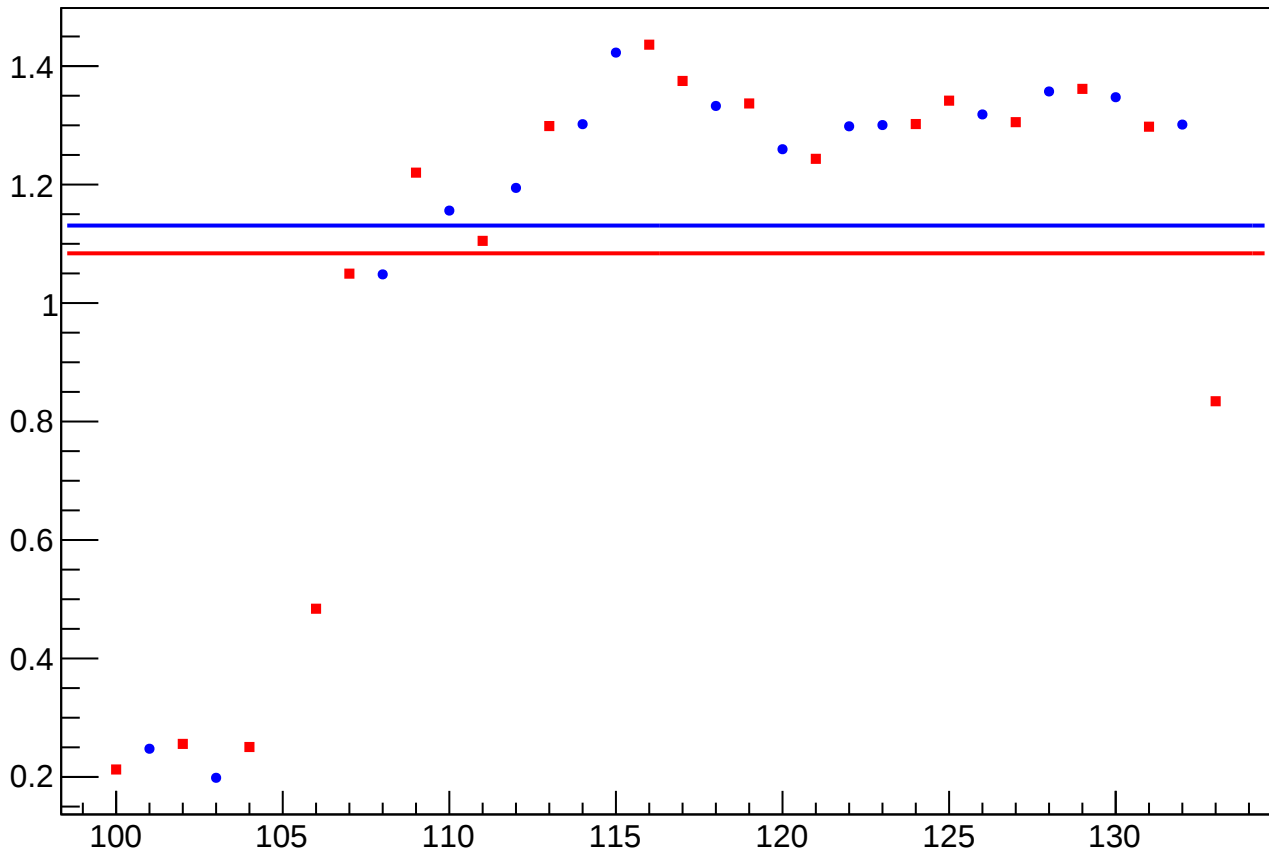
Right Out: 0.002+/-0.000 χ^2/NDF : 77304.7/17

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

0.002+/-0.000 χ^2/NDF : 47213.2/14

0.002+/-0.000 χ^2/NDF : 77304.7/17

yield_bpm2i02X_mean vs Slug



Right In: 1.131+/-0.000 χ^2/NDF : 14755340272.6/14

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

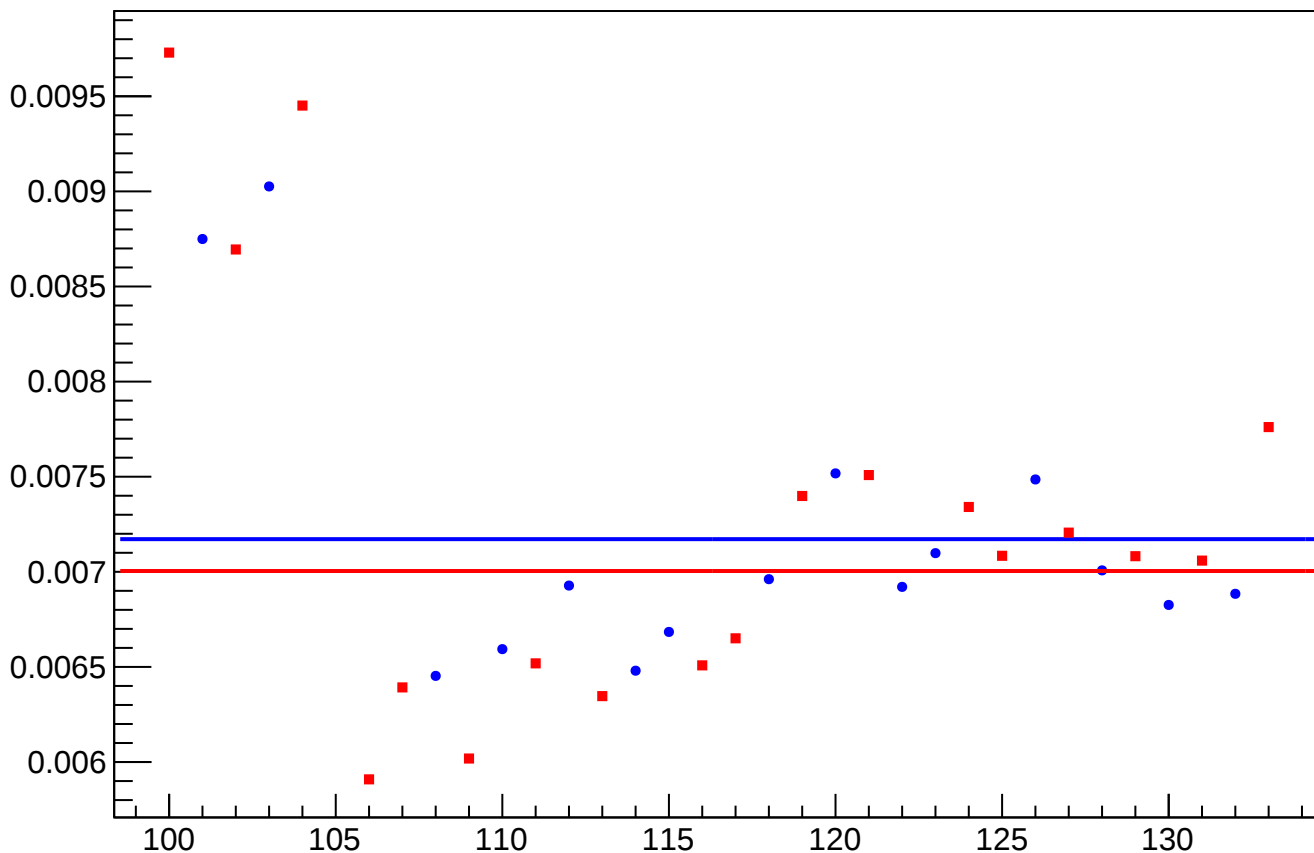
1.131+/-0.000 χ^2/NDF : 14755340272.6/14

Right Out: 1.084+/-0.000 χ^2/NDF : 17242004741.8/17

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

1.084+/-0.000 χ^2/NDF : 17242004741.8/17

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 115044.2/14

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

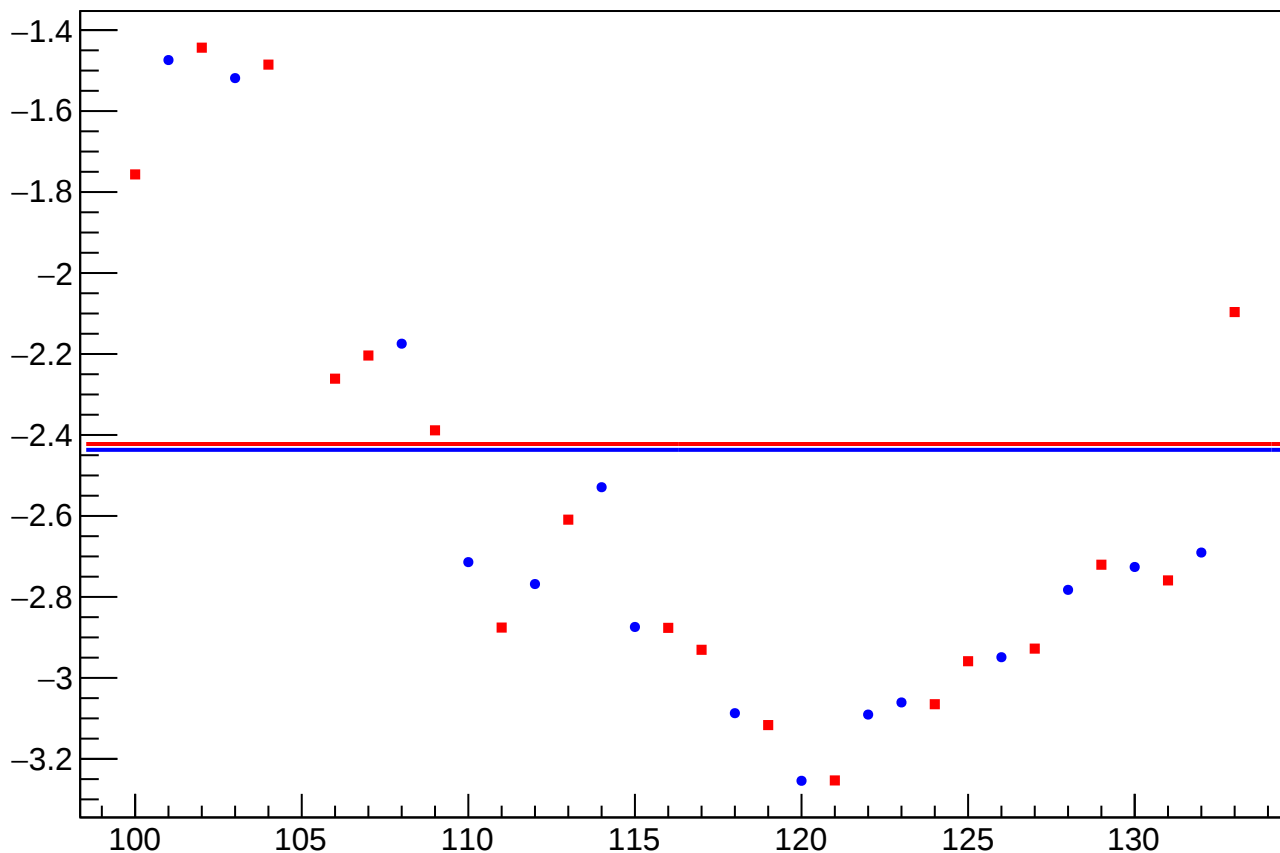
Right Out: 0.007+/-0.000 χ^2/NDF : 206766.7/17

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

0.007+/-0.000 χ^2/NDF : 115044.2/14

0.007+/-0.000 χ^2/NDF : 206766.7/17

yield_bpm2i02Y_mean vs Slug



Right In: -2.437+/-0.000 χ^2/NDF : 51235295098.5/14

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

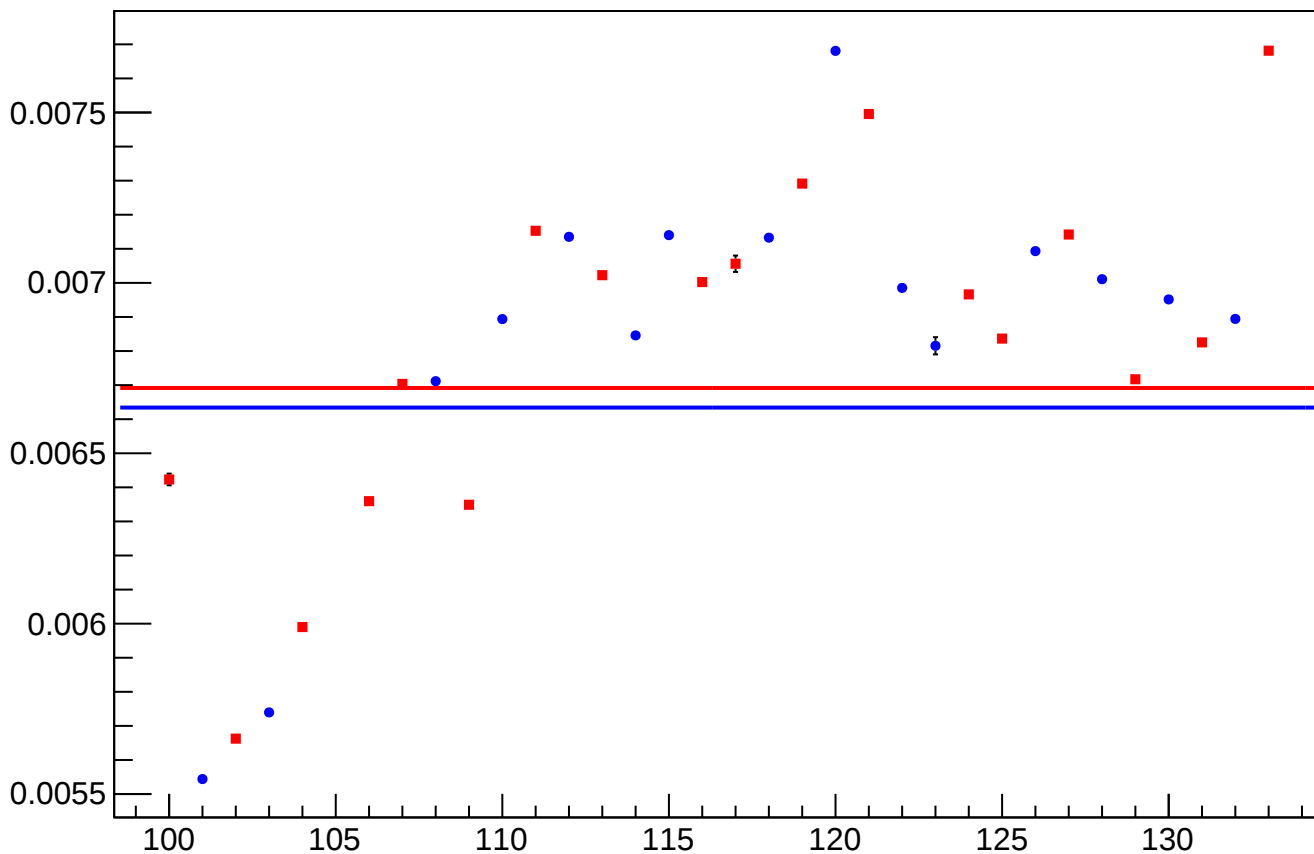
Right Out: -2.422+/-0.000 χ^2/NDF : 50402375041.1/17

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

-2.437+/-0.000 χ^2/NDF : 51235295098.5/14

-2.422+/-0.000 χ^2/NDF : 50402375041.1/17

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 108821.9/14

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

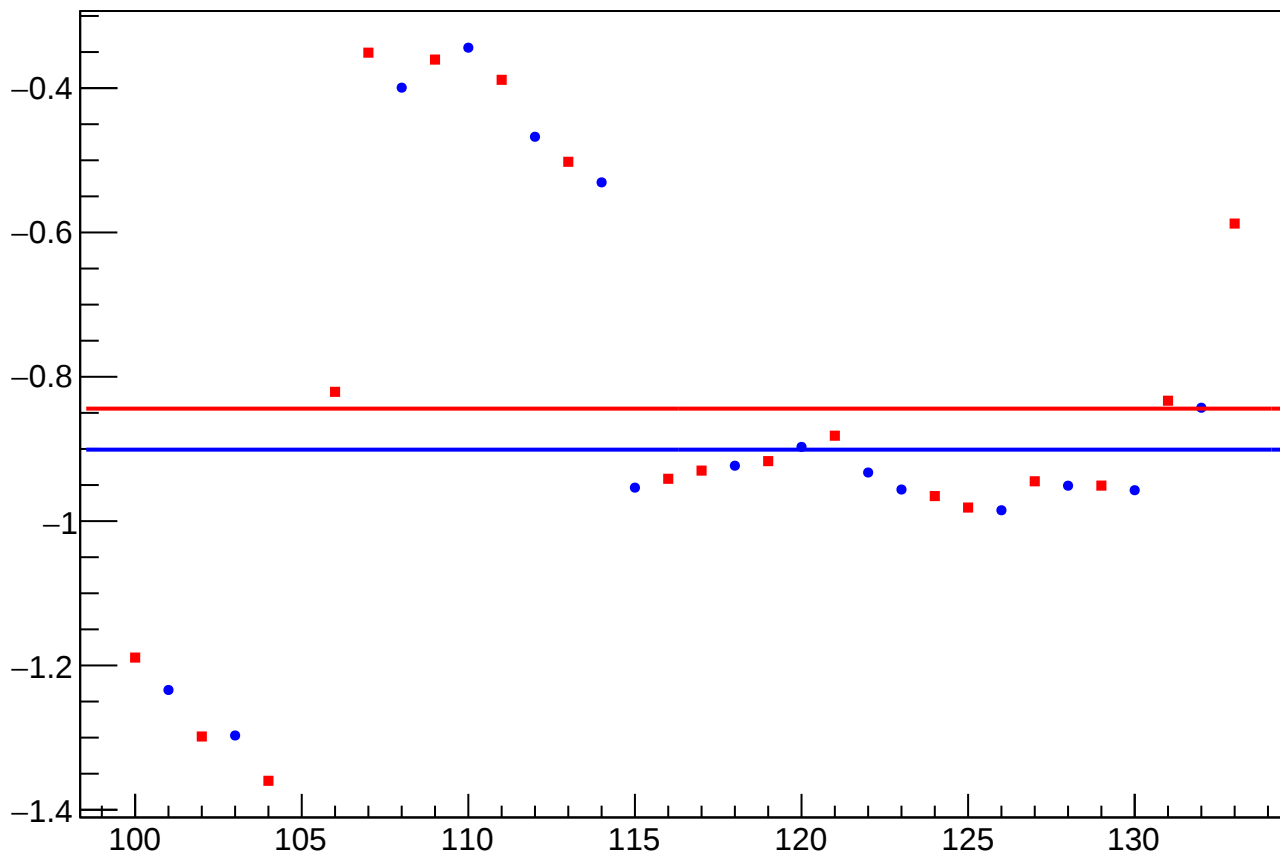
Right Out: 0.007+/-0.000 χ^2/NDF : 95685.1/17

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

0.007+/-0.000 χ^2/NDF : 108821.9/14

0.007+/-0.000 χ^2/NDF : 95685.1/17

yield_bpm0i01X_mean vs Slug



Right In: -0.901+/-0.000 χ^2/NDF : 3926922228.8/14

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

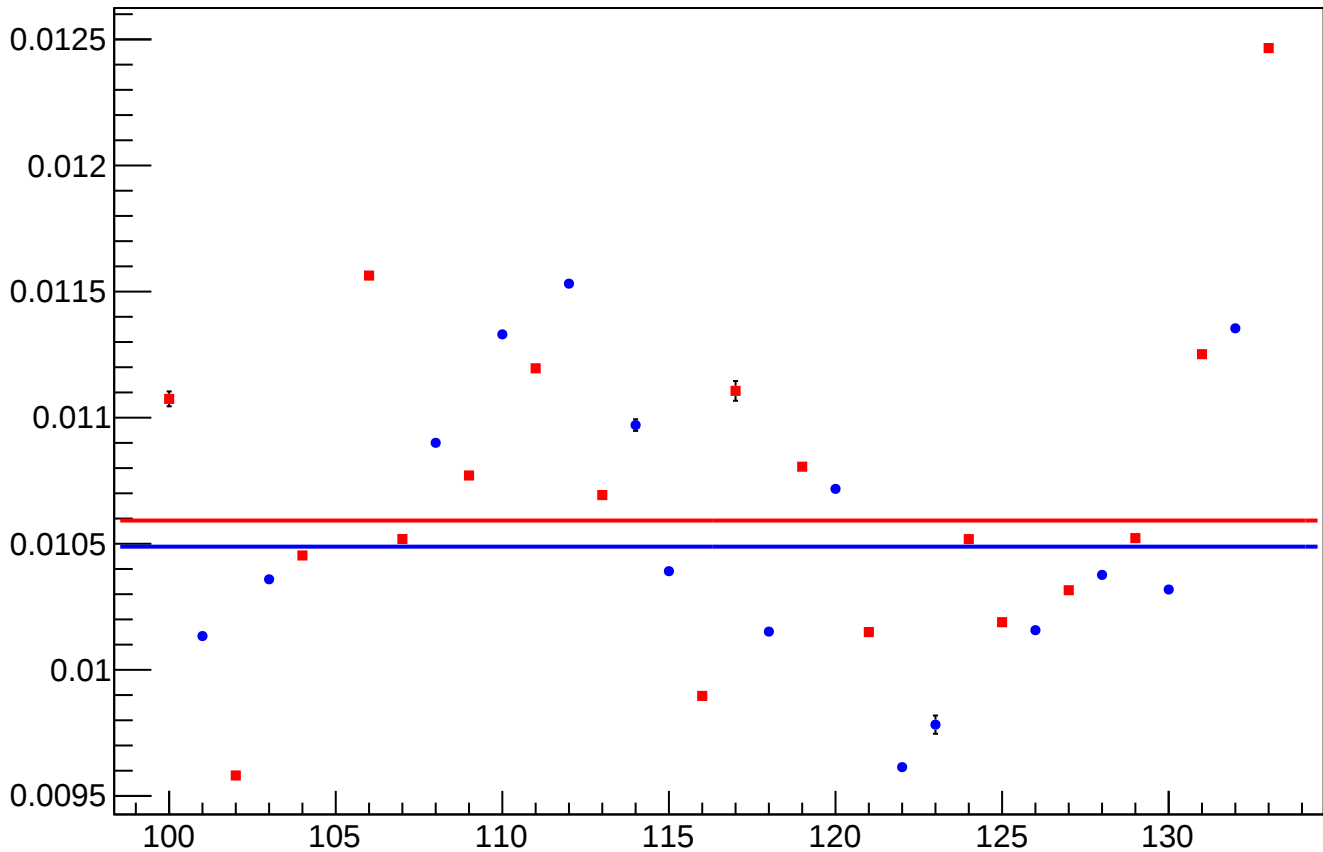
Right Out: -0.844+/-0.000 χ^2/NDF : 5842455066.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.901+/-0.000 χ^2/NDF : 3926922228.8/14

-0.844+/-0.000 χ^2/NDF : 5842455066.4/17

yield_bpm0i01X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 28731.9/14

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

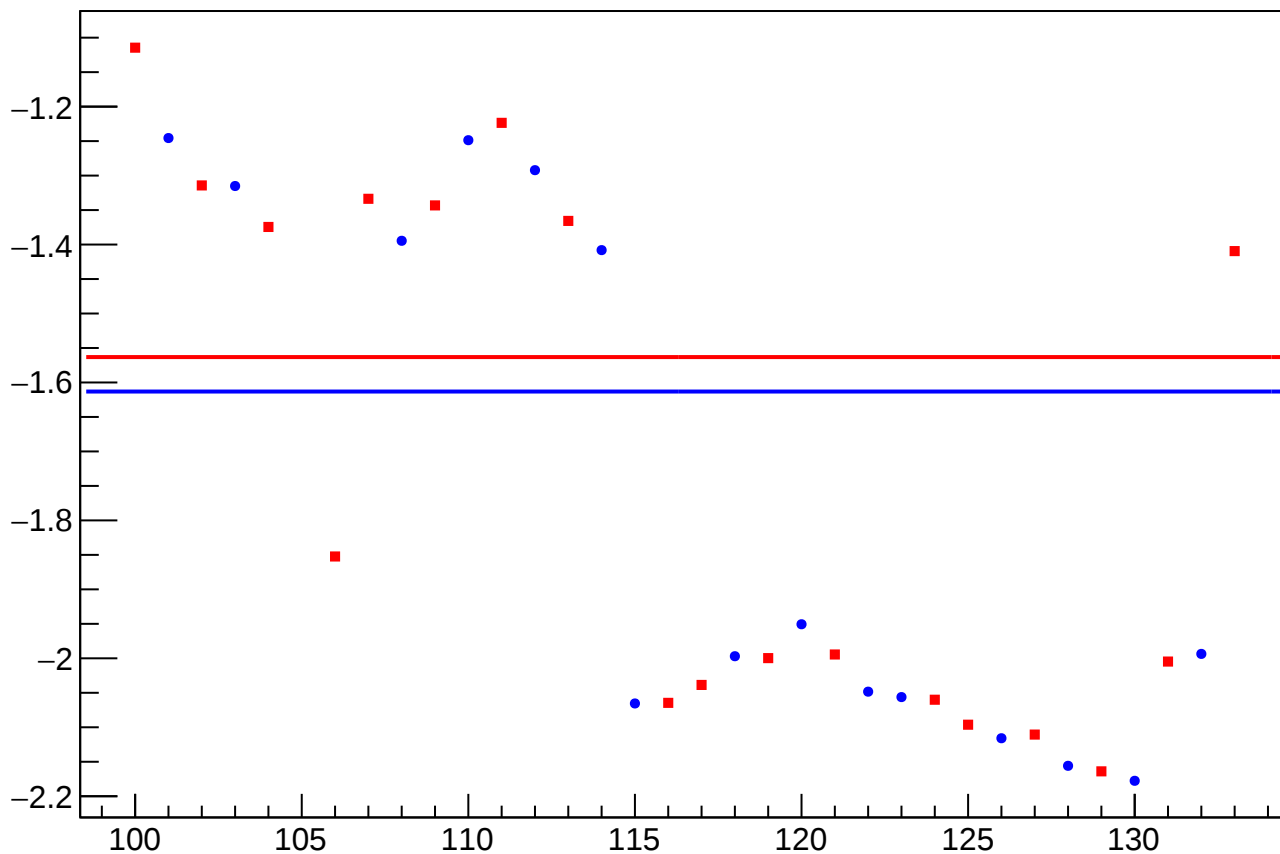
Right Out: 0.011+/-0.000 χ^2/NDF : 46071.8/17

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

0.010+/-0.000 χ^2/NDF : 28731.9/14

0.011+/-0.000 χ^2/NDF : 46071.8/17

yield_bpm0i01Y_mean vs Slug



Right In: -1.613+/-0.000 χ^2/NDF : 120373837188.0/14

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

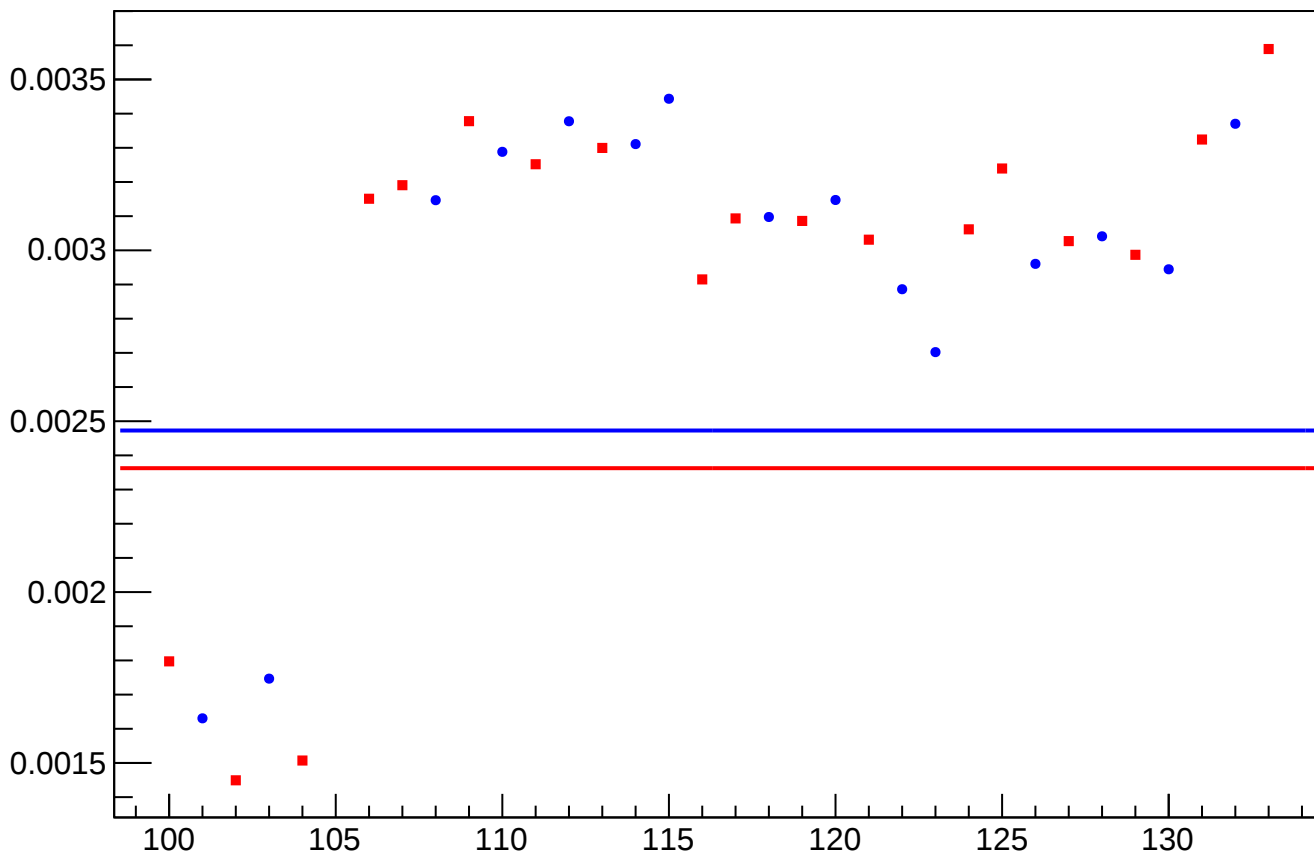
Right Out: -1.563+/-0.000 χ^2/NDF : 107935042507.3/17

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

-1.613+/-0.000 χ^2/NDF : 120373837188.0/14

-1.563+/-0.000 χ^2/NDF : 107935042507.3/17

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 813116.9/14

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

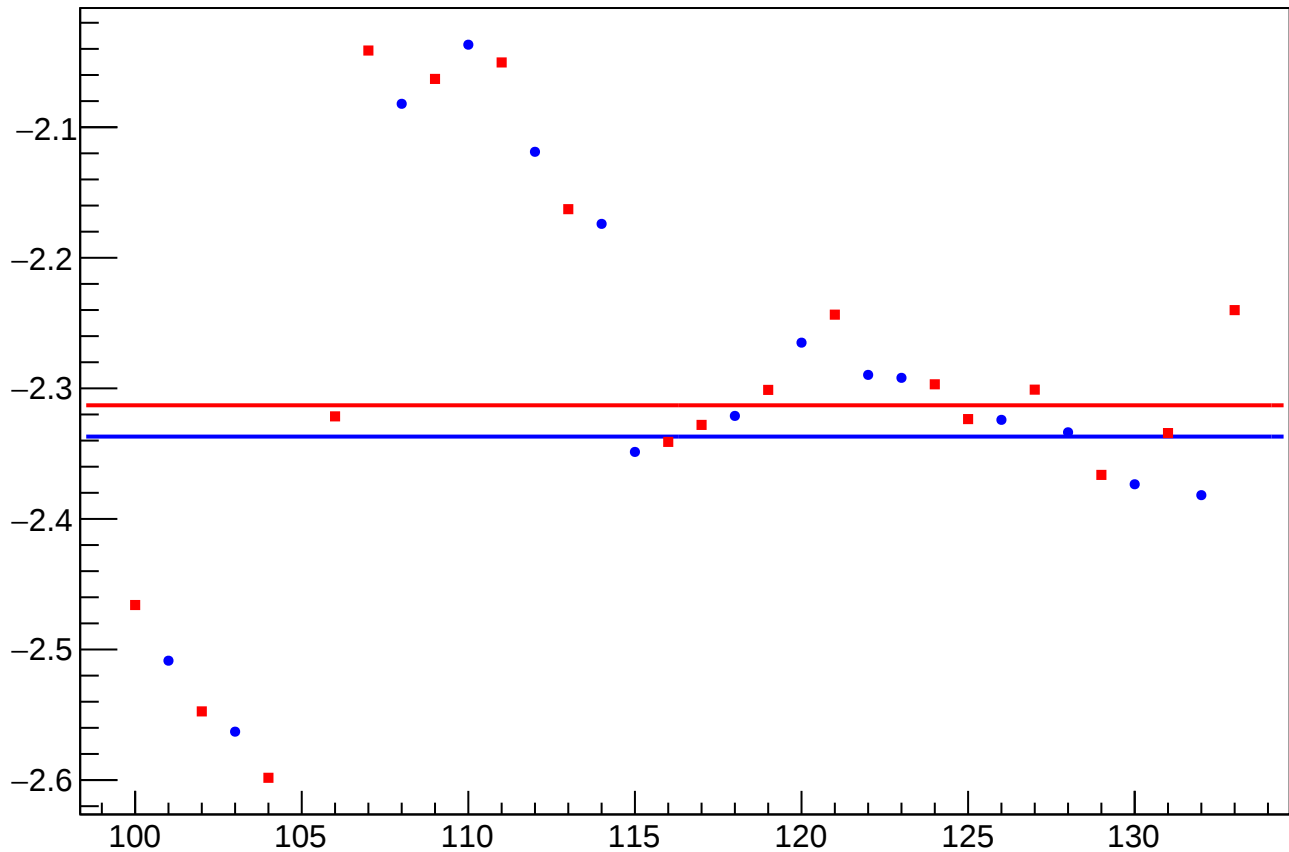
Right Out: 0.002+/-0.000 χ^2/NDF : 1348703.0/17

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

0.002+/-0.000 χ^2/NDF : 813116.9/14

0.002+/-0.000 χ^2/NDF : 1348703.0/17

yield_bpm0i01aX_mean vs Slug



Right In: -2.337+/-0.000 χ^2/NDF : 3036111216.7/14

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

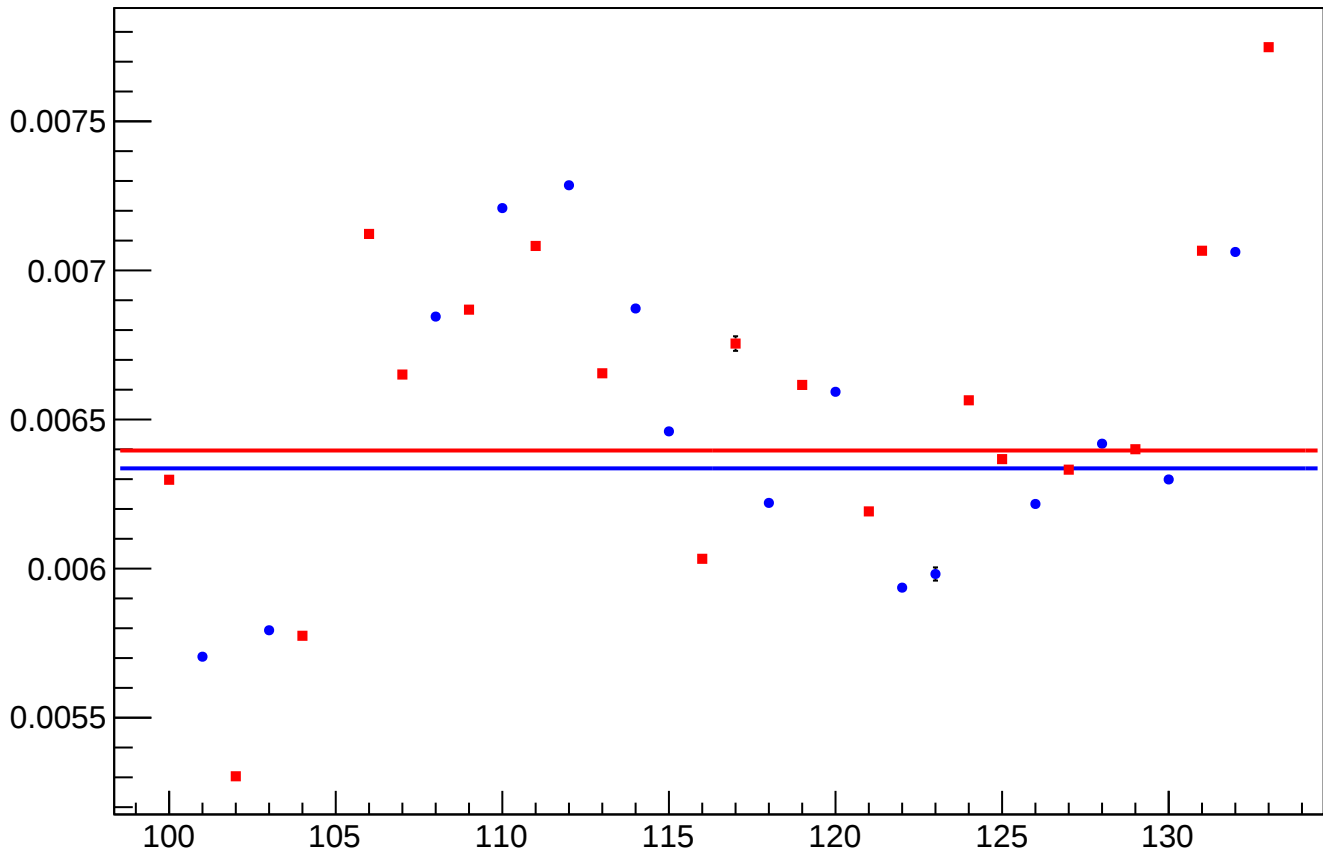
Right Out: -2.313+/-0.000 χ^2/NDF : 4465995813.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.337+/-0.000 χ^2/NDF : 3036111216.7/14

-2.313+/-0.000 χ^2/NDF : 4465995813.9/17

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 68827.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

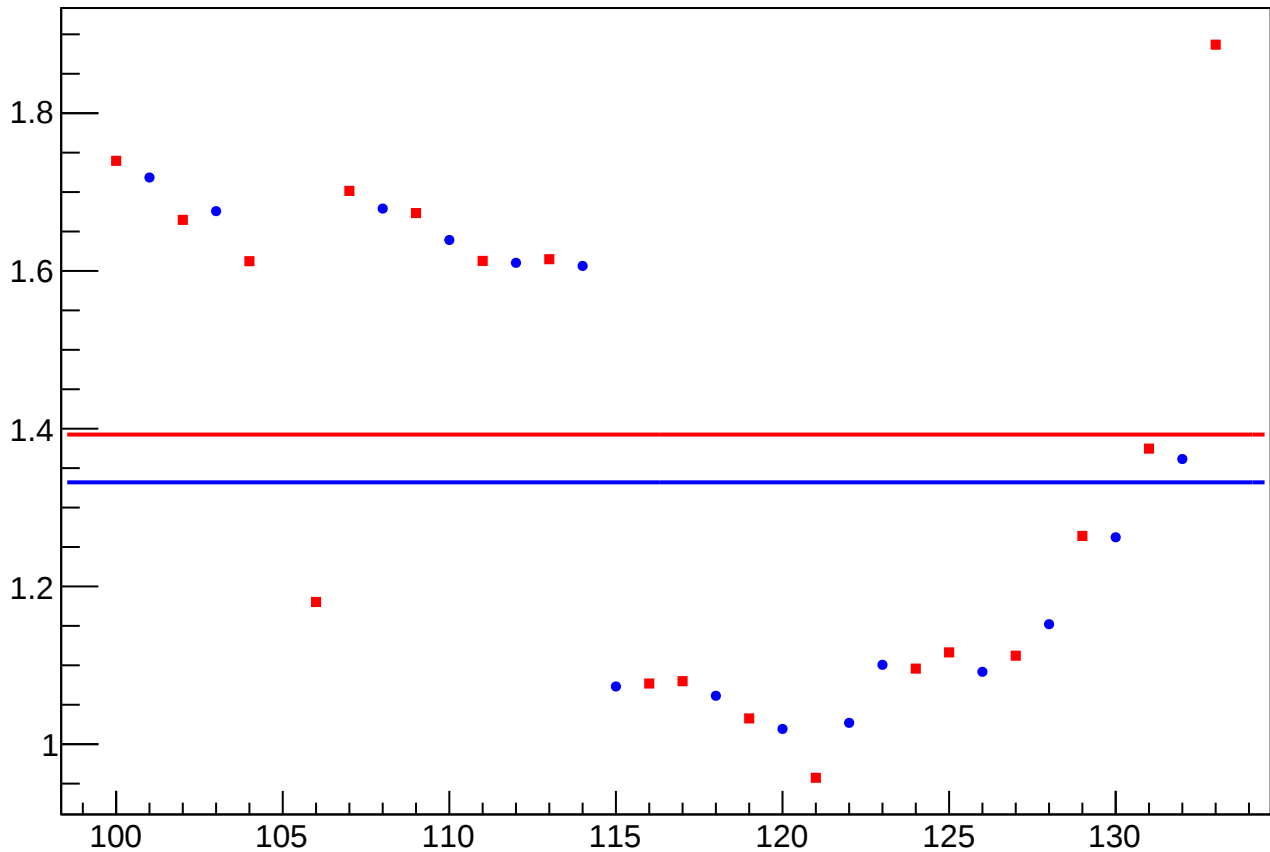
Right Out: 0.006+/-0.000 χ^2/NDF : 113099.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 68827.7/14

0.006+/-0.000 χ^2/NDF : 113099.5/17

yield_bpm0i01aY_mean vs Slug



Right In: 1.332+/-0.000 χ^2/NDF : 95276722254.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

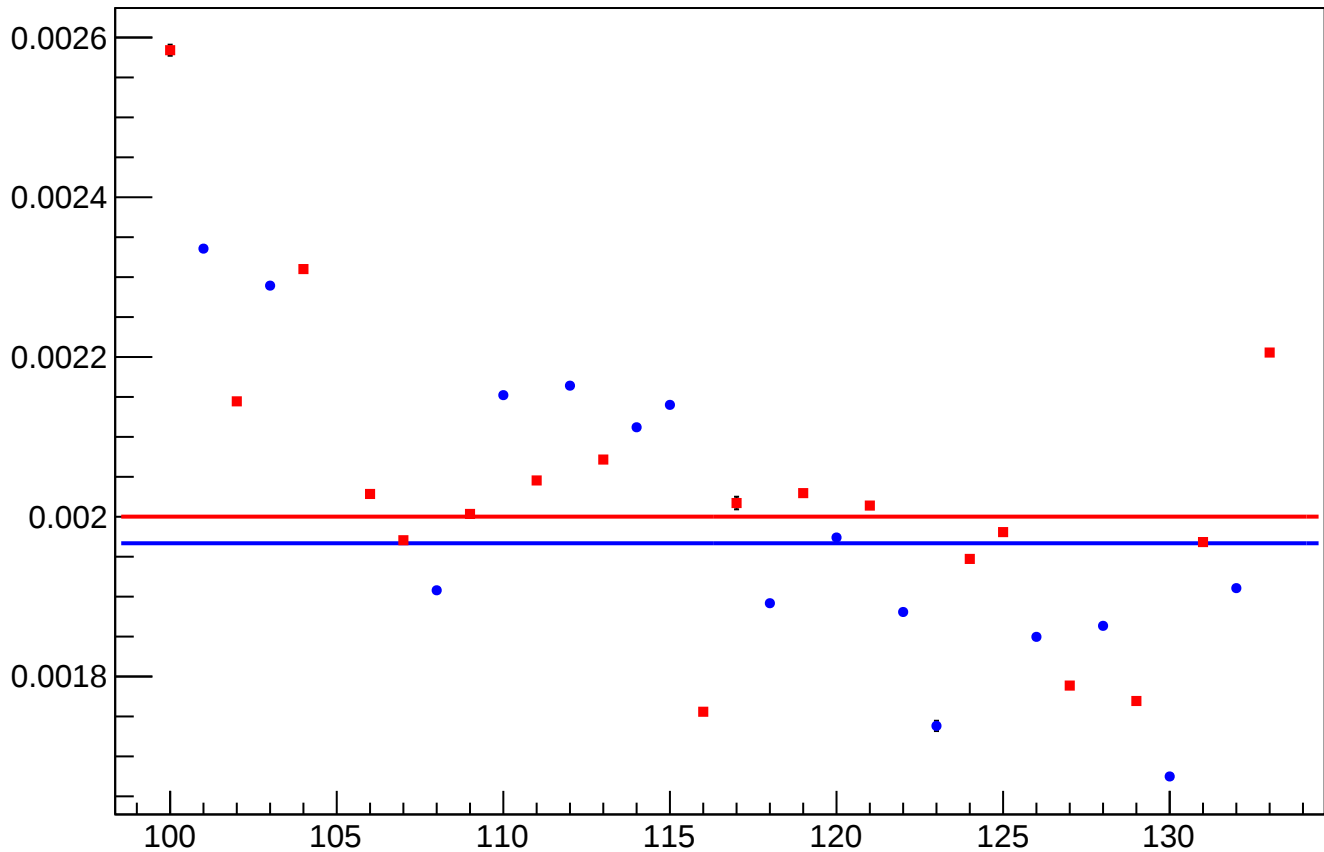
1.332+/-0.000 χ^2/NDF : 95276722254.1/14

Right Out: 1.393+/-0.000 χ^2/NDF : 124144464072.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.393+/-0.000 χ^2/NDF : 124144464072.3/17

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 105023.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

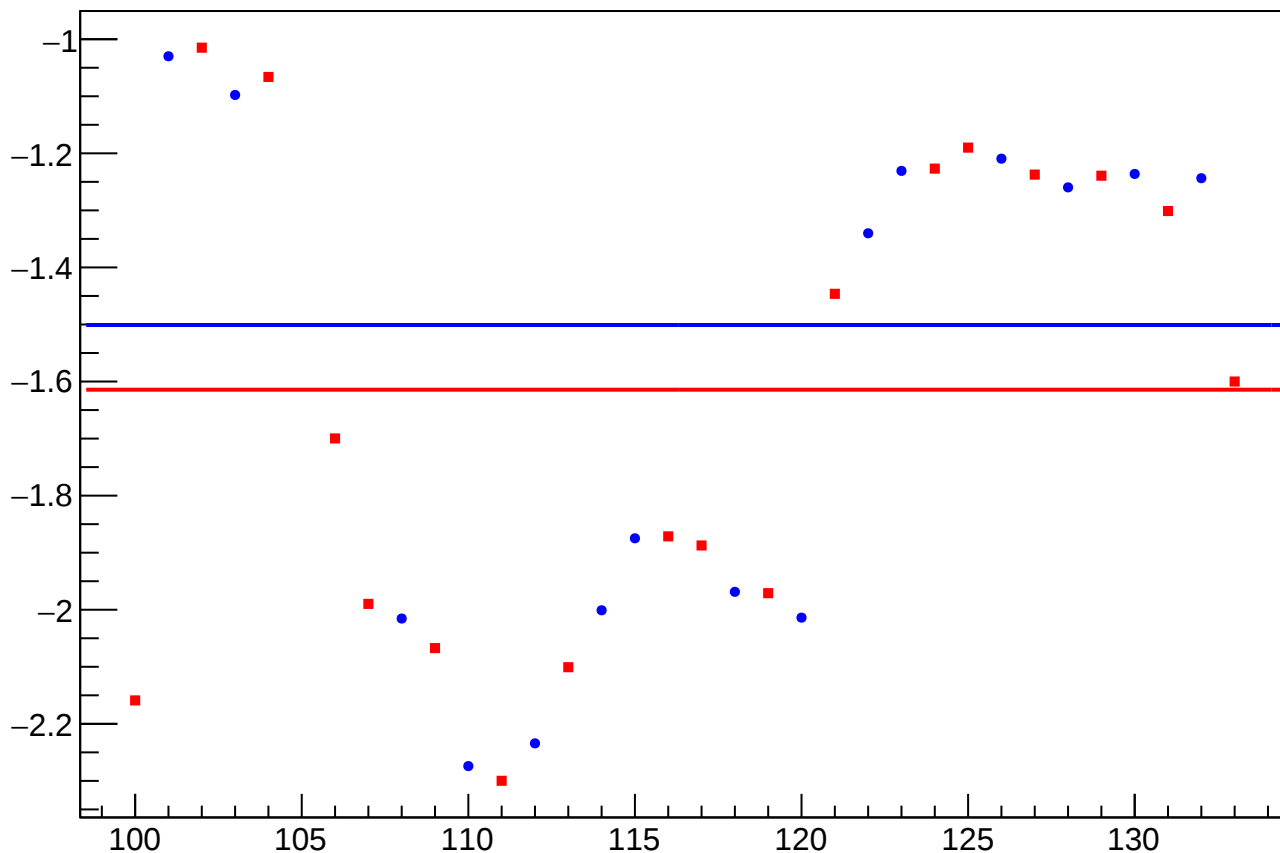
Right Out: 0.002+/-0.000 χ^2/NDF : 73224.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 105023.7/14

0.002+/-0.000 χ^2/NDF : 73224.5/17

yield_bpm0l01X_mean vs Slug



Right In: -1.501+/-0.000 χ^2/NDF : 22437321213.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

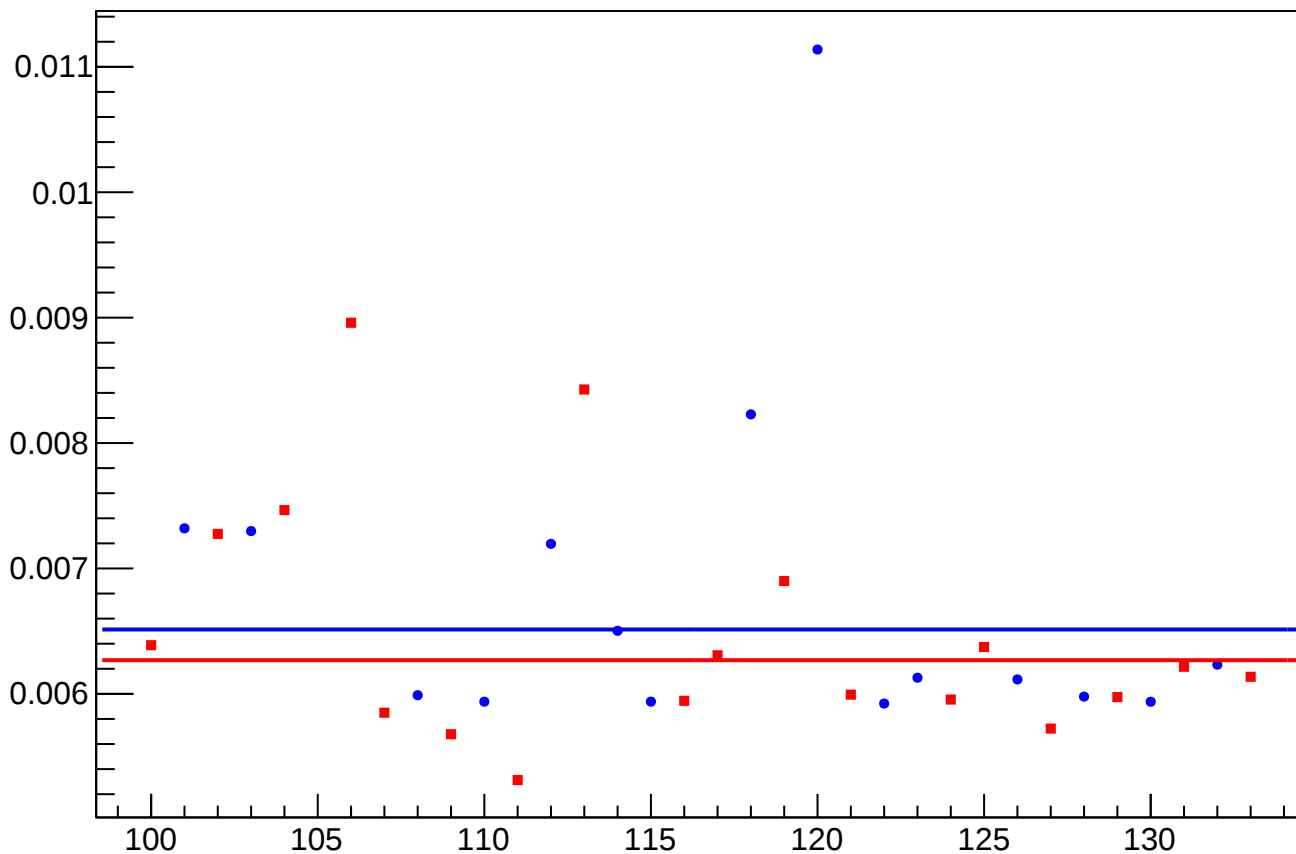
Right Out: -1.614+/-0.000 χ^2/NDF : 27849511081.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-1.501+/-0.000 χ^2/NDF : 22437321213.9/14

-1.614+/-0.000 χ^2/NDF : 27849511081.0/17

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 205198.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

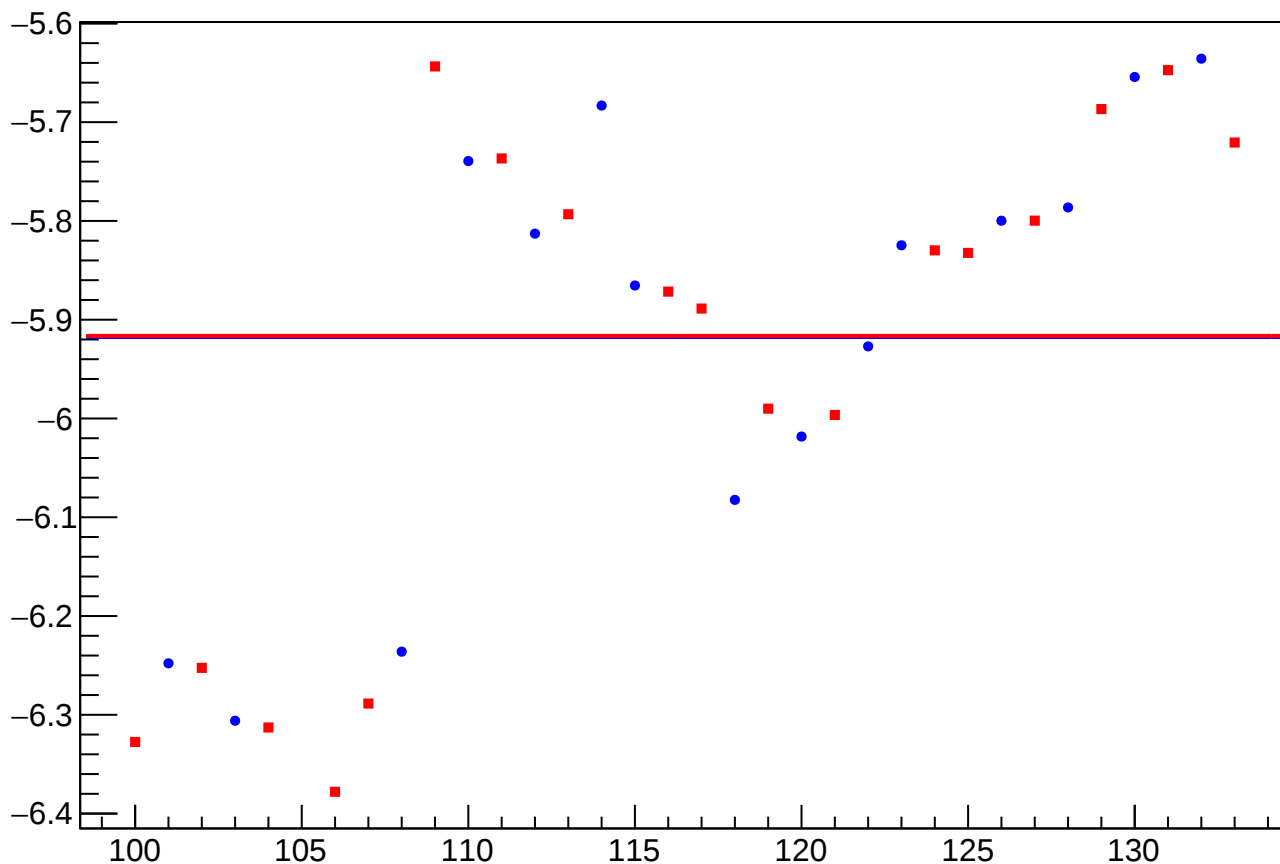
Right Out: 0.006+/-0.000 χ^2/NDF : 195533.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 205198.8/14

0.006+/-0.000 χ^2/NDF : 195533.7/17

yield_bpm0l01Y_mean vs Slug



Right In: -5.917+/-0.000 χ^2/NDF : 10815776968.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

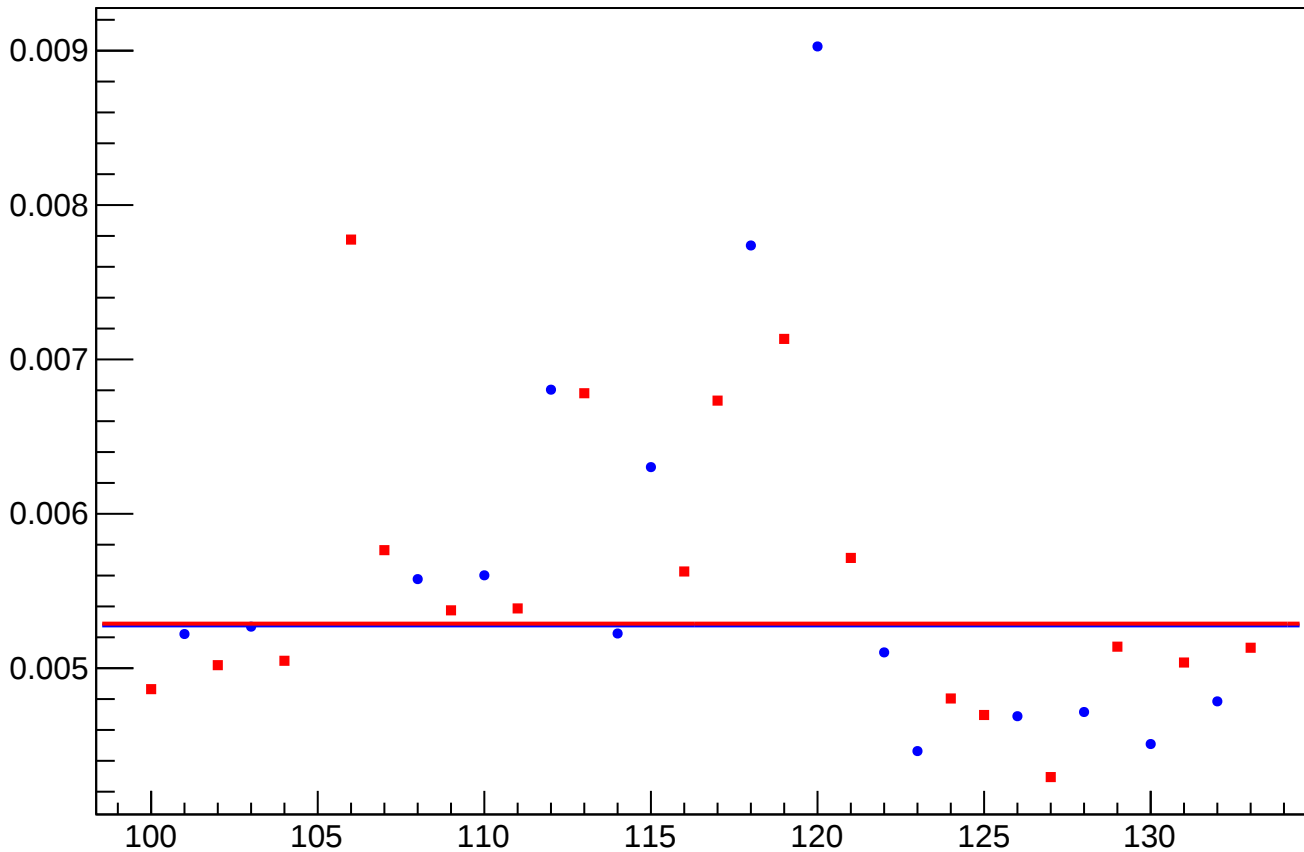
Right Out: -5.916+/-0.000 χ^2/NDF : 12723544837.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.917+/-0.000 χ^2/NDF : 10815776968.8/14

-5.916+/-0.000 χ^2/NDF : 12723544837.1/17

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 304921.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

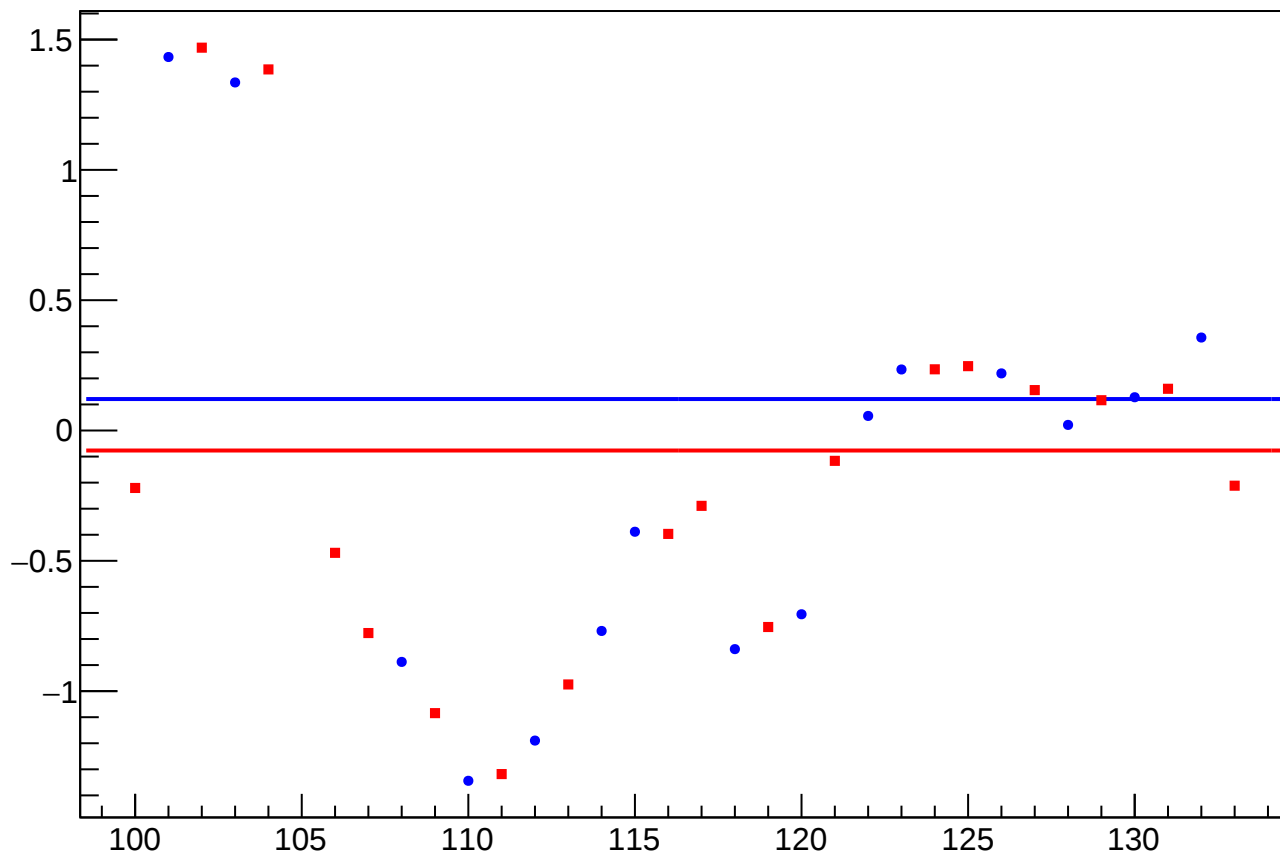
Right Out: 0.005+/-0.000 χ^2/NDF : 225984.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 304921.1/14

0.005+/-0.000 χ^2/NDF : 225984.5/17

yield_bpm0l02X_mean vs Slug



Right In: 0.121+/-0.000 χ^2/NDF : 16532542802.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

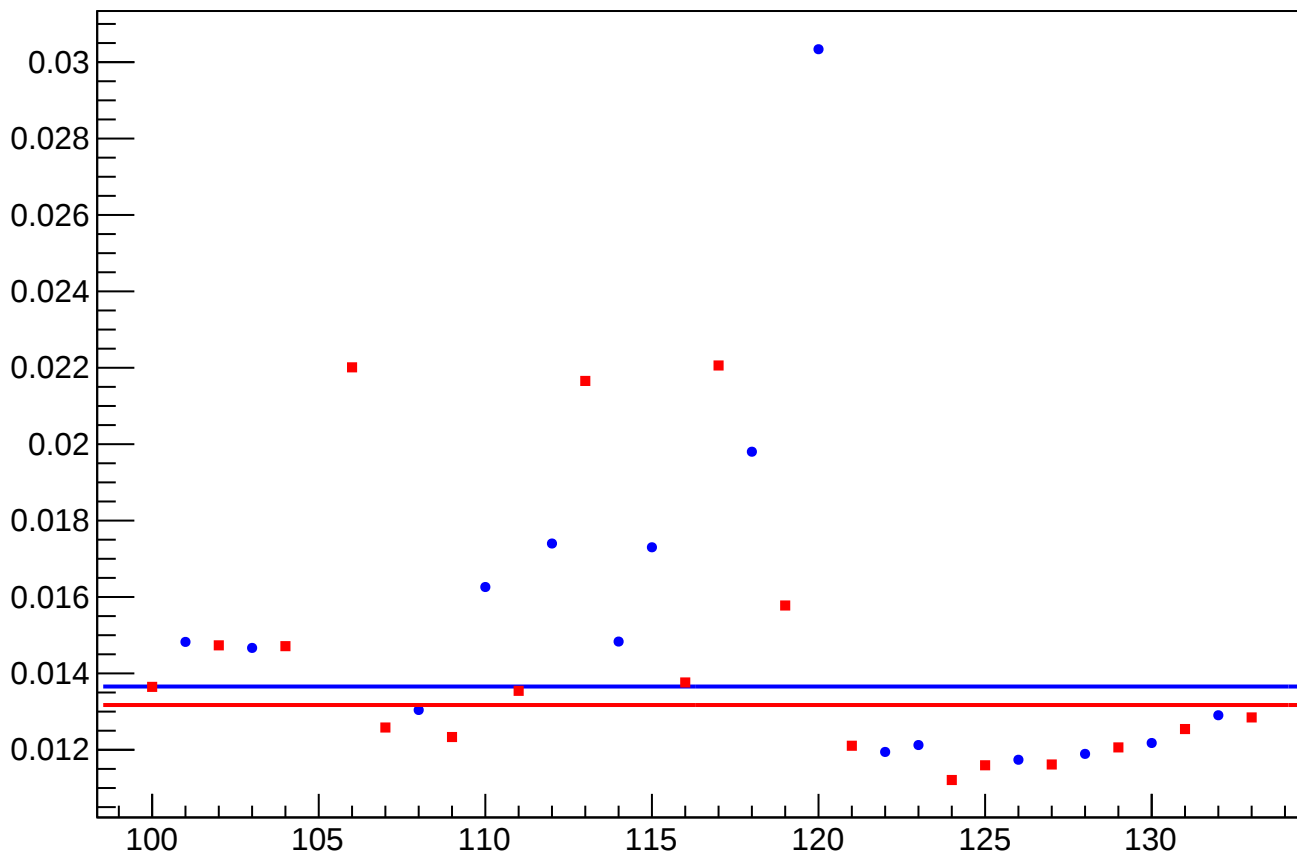
Right Out: -0.077+/-0.000 χ^2/NDF : 20813404793.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.121+/-0.000 χ^2/NDF : 16532542802.1/14

-0.077+/-0.000 χ^2/NDF : 20813404793.9/17

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 377270.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

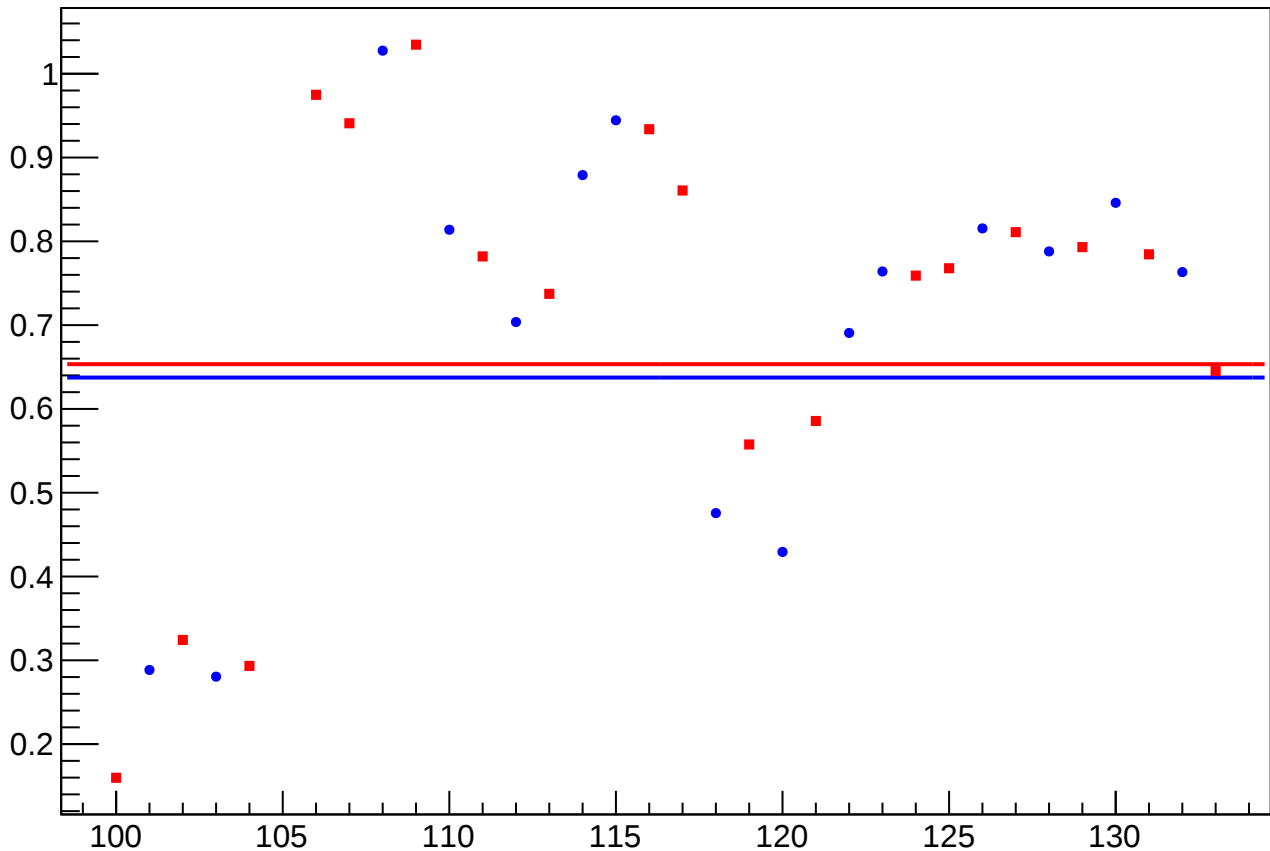
Right Out: 0.013+/-0.000 χ^2/NDF : 278705.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 377270.5/14

0.013+/-0.000 χ^2/NDF : 278705.8/17

yield_bpm0l02Y_mean vs Slug



Right In: 0.637+/-0.000 χ^2/NDF : 5187941447.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

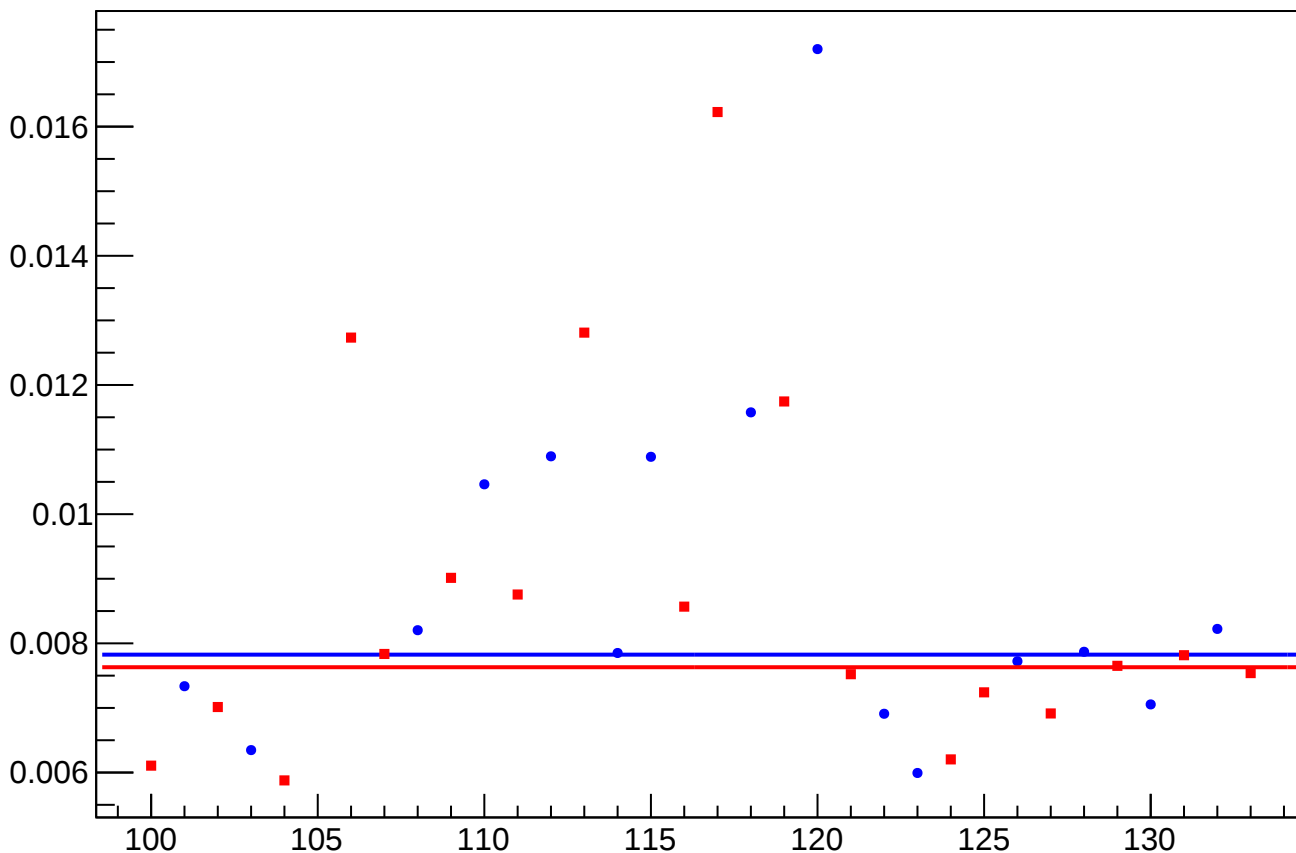
0.637+/-0.000 χ^2/NDF : 5187941447.0/14

Right Out: 0.653+/-0.000 χ^2/NDF : 5720625147.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.653+/-0.000 χ^2/NDF : 5720625147.4/17

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 460577.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

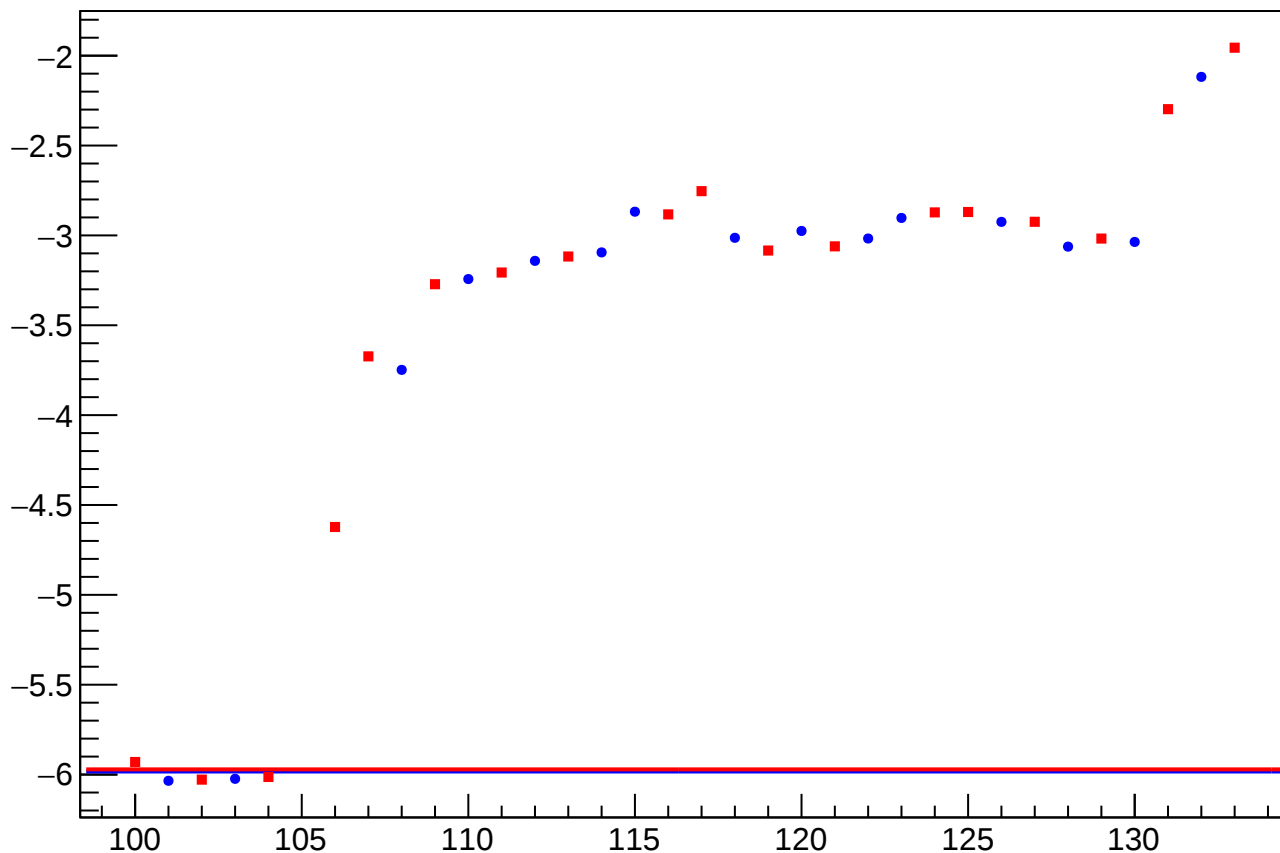
Right Out: 0.008+/-0.000 χ^2/NDF : 453943.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 460577.8/14

0.008+/-0.000 χ^2/NDF : 453943.4/17

yield_bpm0l03X_mean vs Slug



Right In: -5.983+/-0.000 χ^2/NDF : 6043441706.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

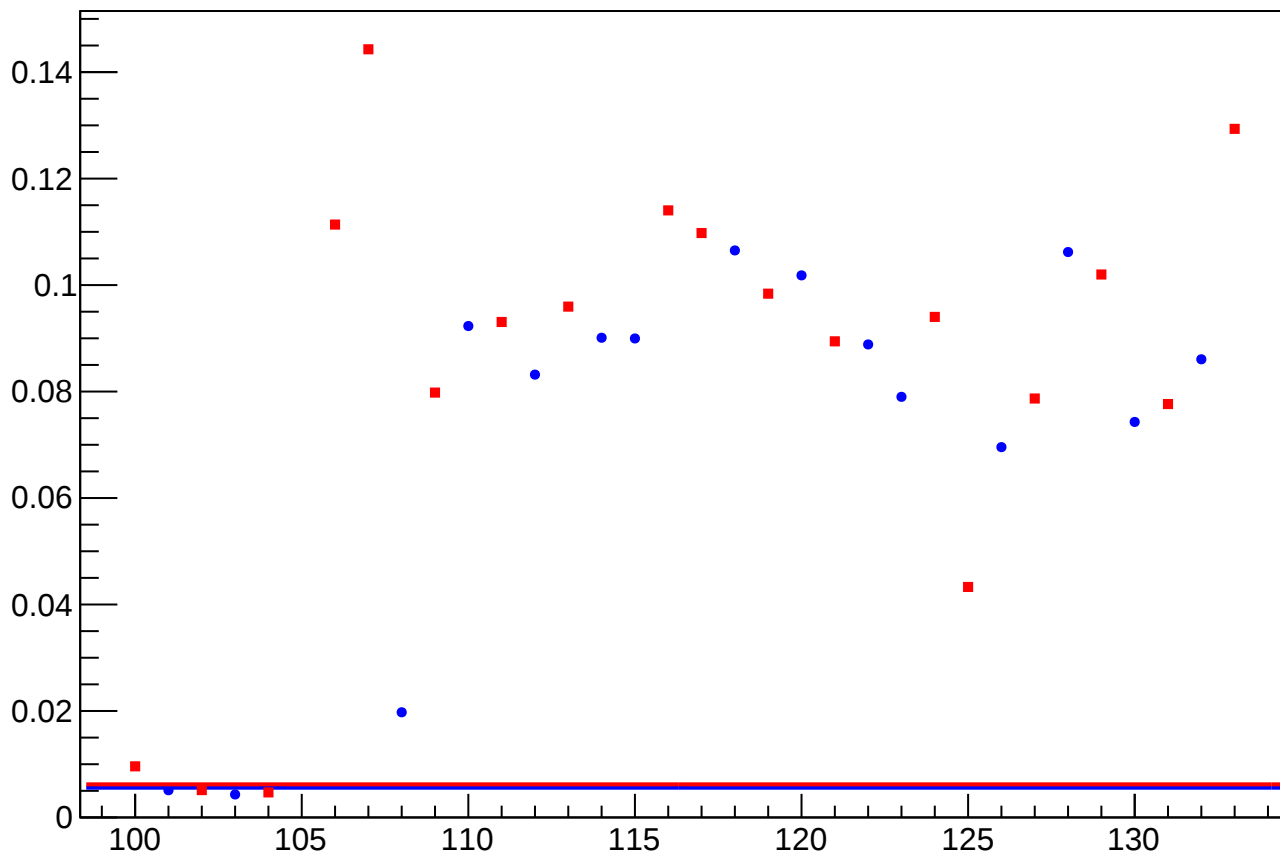
Right Out: -5.971+/-0.000 χ^2/NDF : 5462320056.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.983+/-0.000 χ^2/NDF : 6043441706.1/14

-5.971+/-0.000 χ^2/NDF : 5462320056.1/17

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 6797685.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

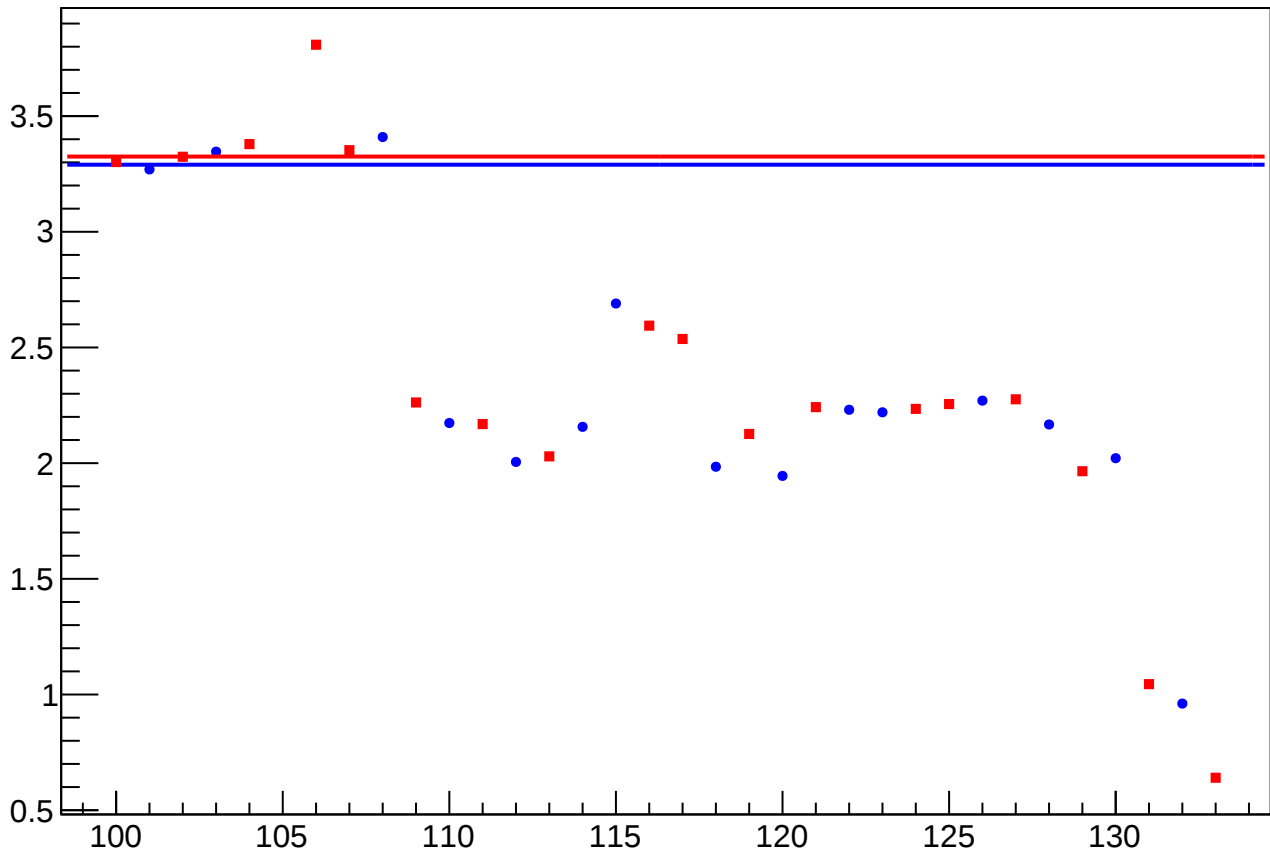
Right Out: 0.006+/-0.000 χ^2/NDF : 8122155.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 6797685.8/14

0.006+/-0.000 χ^2/NDF : 8122155.8/17

yield_bpm0l03Y_mean vs Slug



Right In: 3.290+/-0.000 χ^2/NDF : 909350069.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

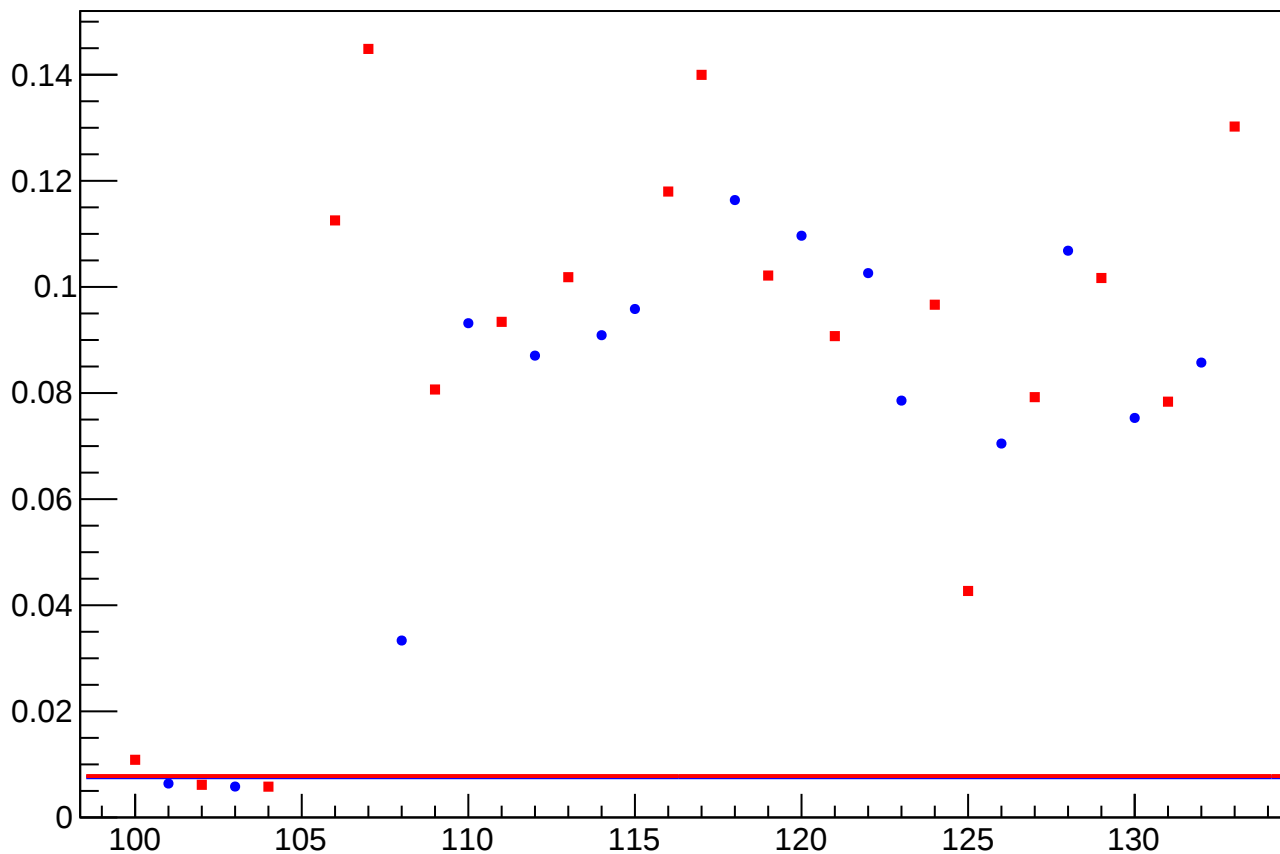
3.290+/-0.000 χ^2/NDF : 909350069.1/14

Right Out: 3.325+/-0.000 χ^2/NDF : 1006551082.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.325+/-0.000 χ^2/NDF : 1006551082.0/17

yield_bpm0l03Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 6711031.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

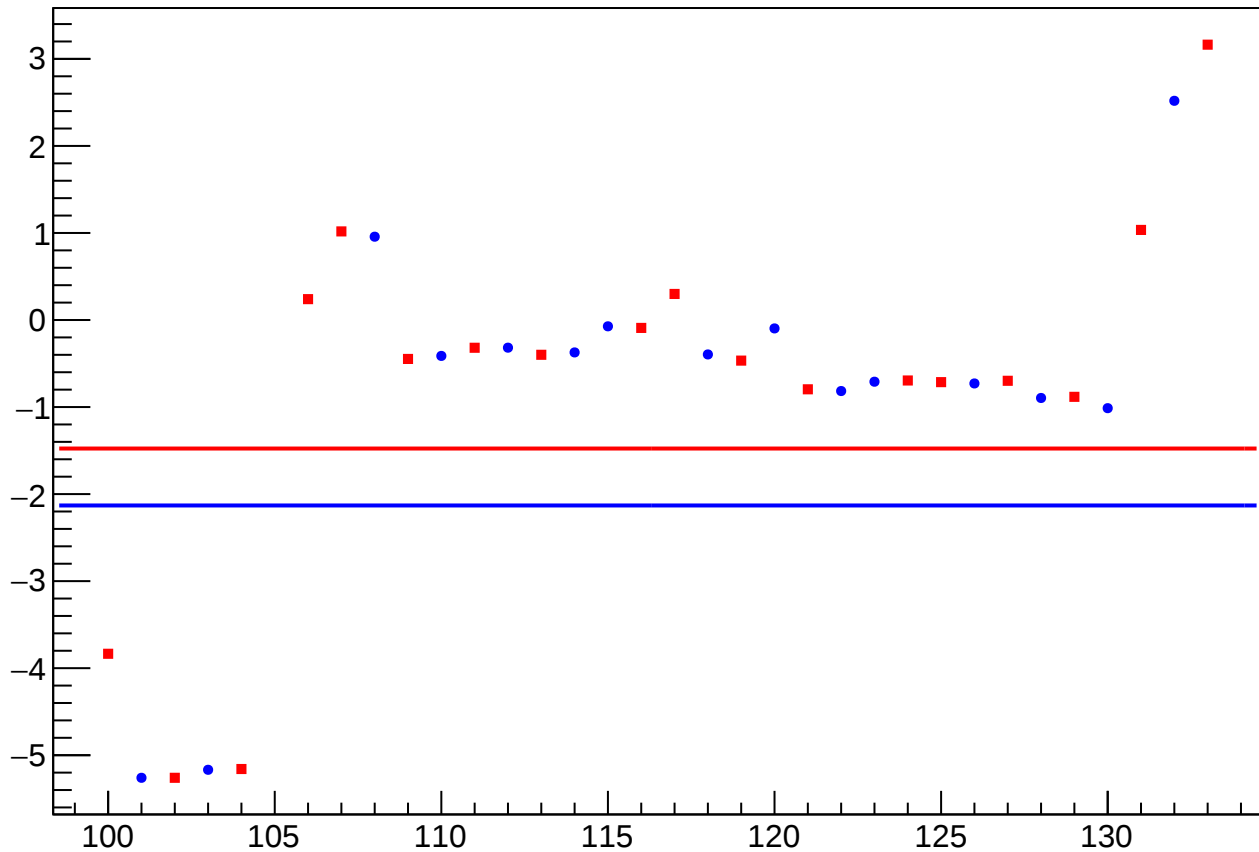
Right Out: 0.008+/-0.000 χ^2/NDF : 7879970.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 6711031.5/14

0.008+/-0.000 χ^2/NDF : 7879970.7/17

yield_bpm0l04X_mean vs Slug



Right In: -2.131+/-0.000 χ^2/NDF : 134923660654.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

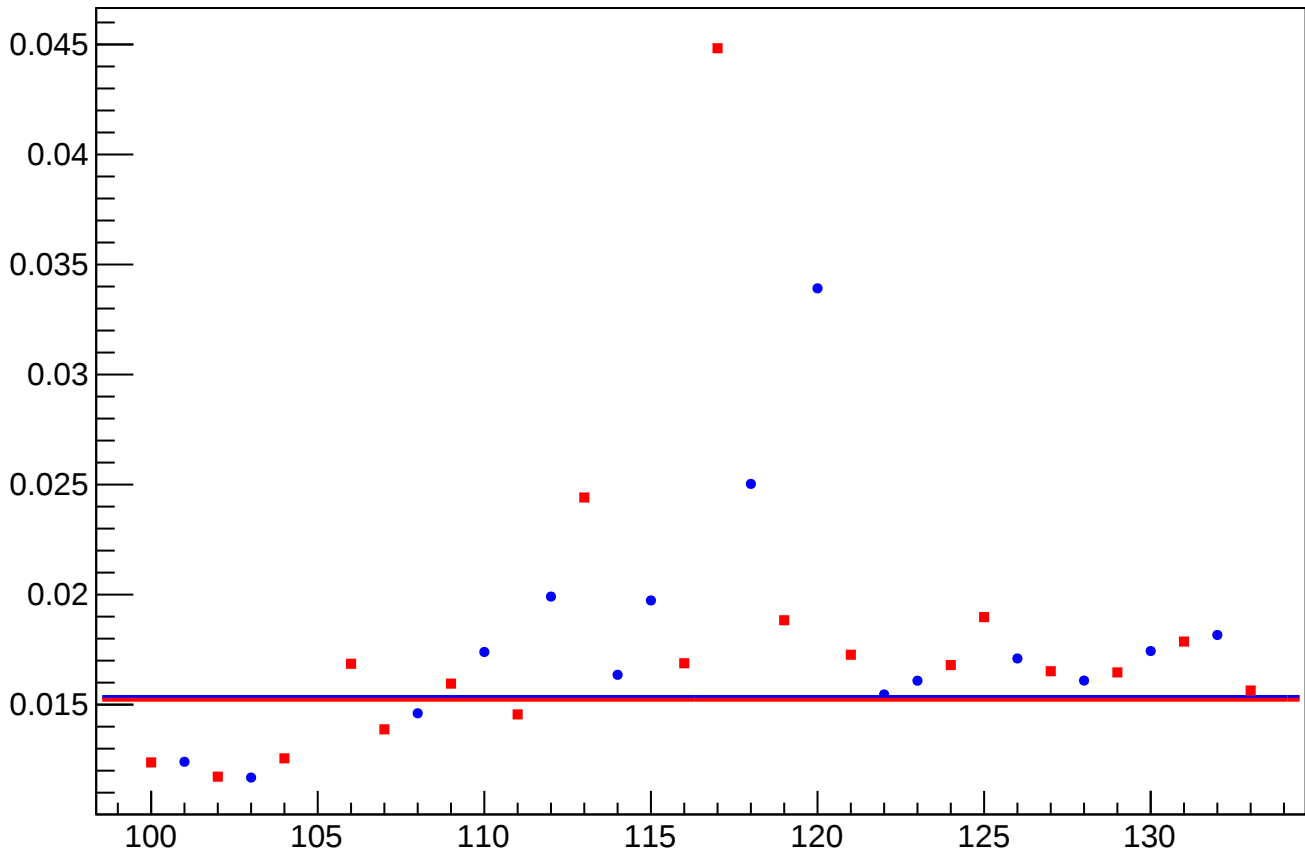
-2.131+/-0.000 χ^2/NDF : 134923660654.6/14

Right Out: -1.477+/-0.000 χ^2/NDF : 167272448126.7/17

-1.477+/-0.000 χ^2/NDF : 167272448126.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 549699.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

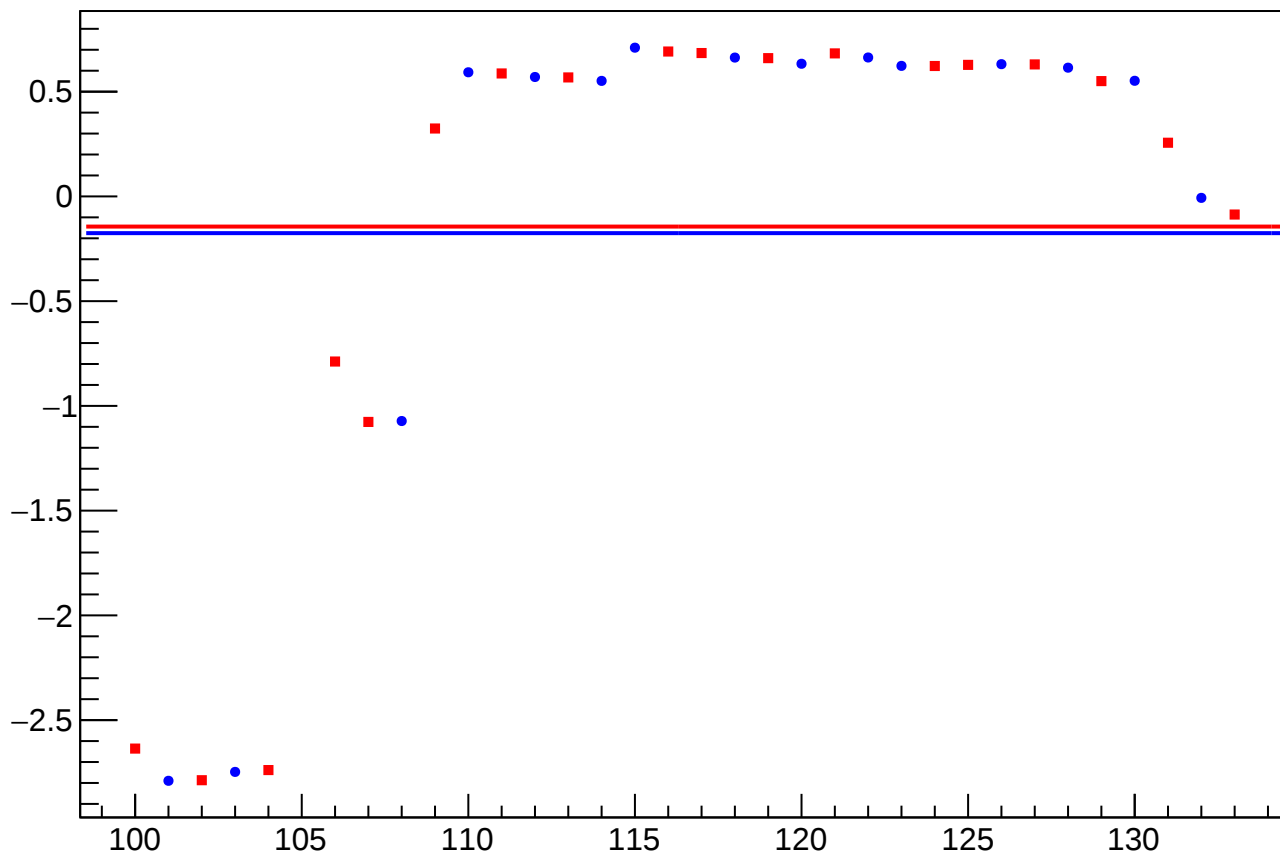
Right Out: 0.015+/-0.000 χ^2/NDF : 374199.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 549699.1/14

0.015+/-0.000 χ^2/NDF : 374199.3/17

yield_bpm0l04Y_mean vs Slug



Right In: -0.175+/-0.000 χ^2/NDF : 711171529201.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

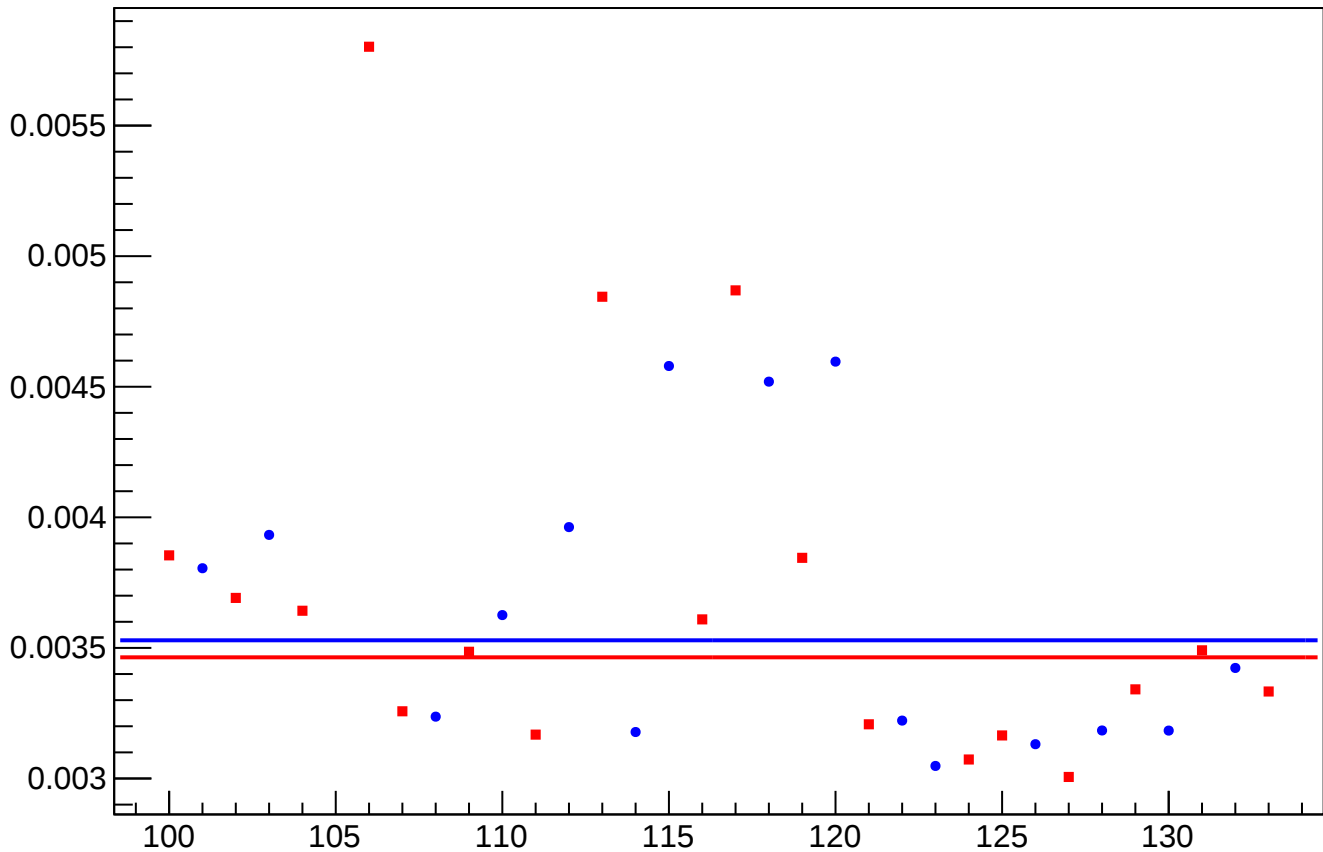
Right Out: -0.144+/-0.000 χ^2/NDF : 760097238085.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.175+/-0.000 χ^2/NDF : 711171529201.1/14

-0.144+/-0.000 χ^2/NDF : 760097238085.8/17

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 169116.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

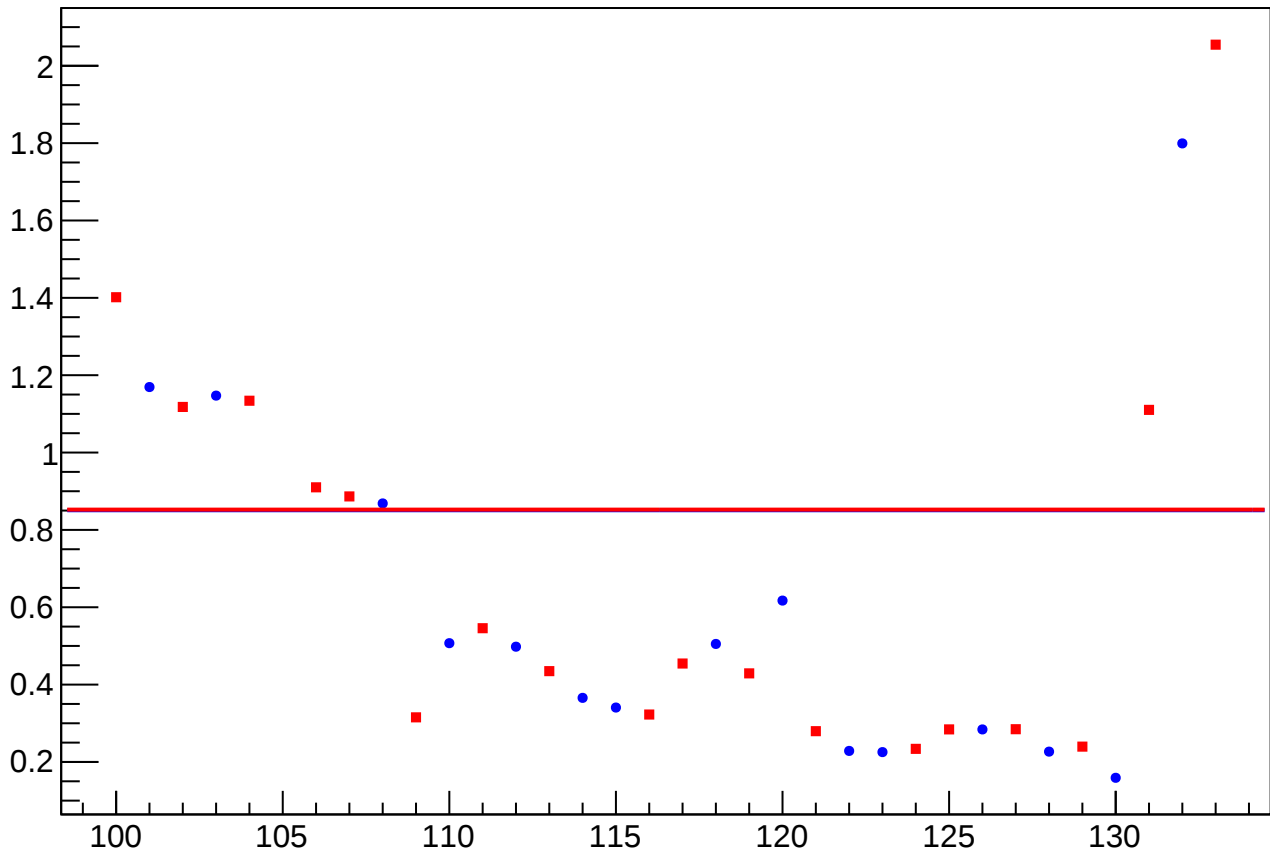
Right Out: 0.003+/-0.000 χ^2/NDF : 221558.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 169116.8/14

0.003+/-0.000 χ^2/NDF : 221558.3/17

yield_bpm0l05X_mean vs Slug



Right In: 0.851+/-0.000 χ^2/NDF : 25956177988.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

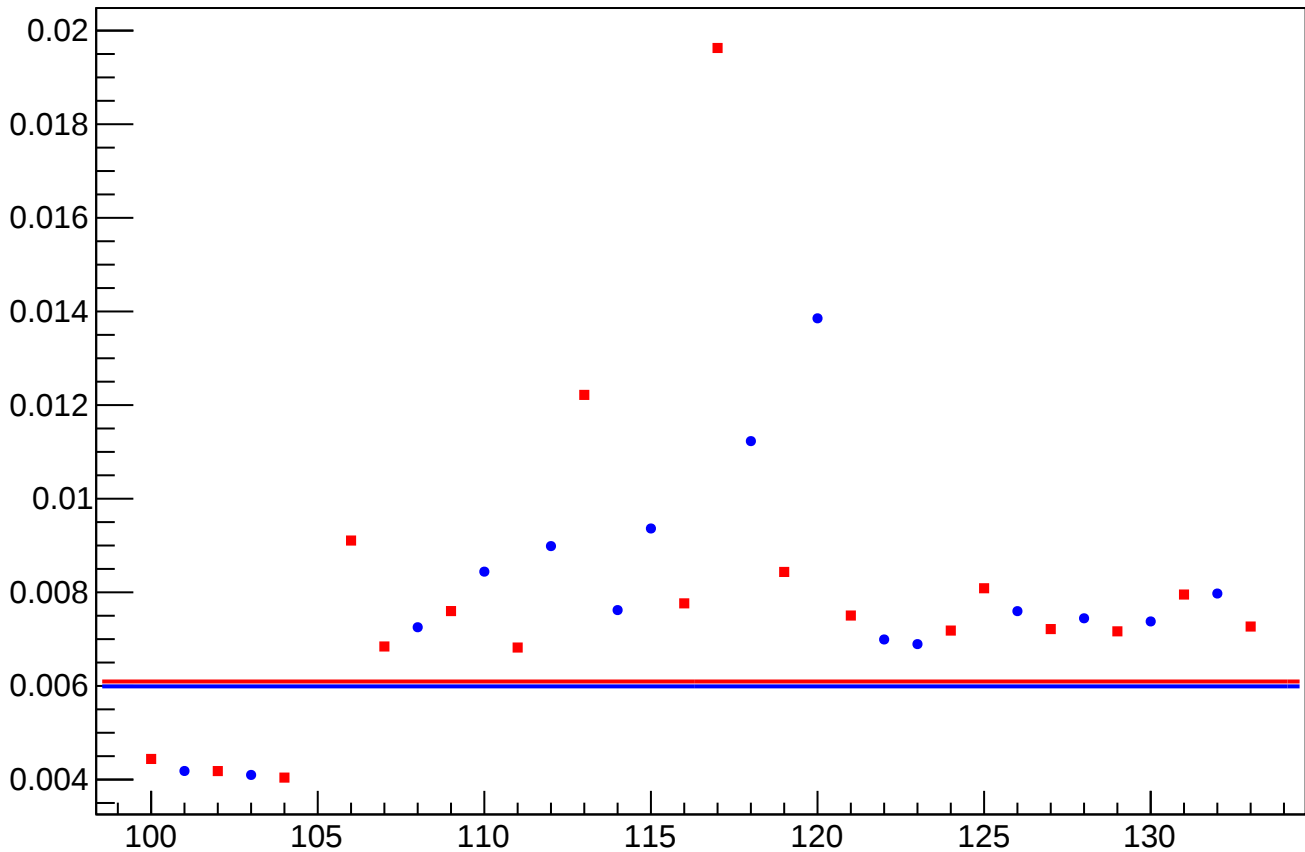
0.851+/-0.000 χ^2/NDF : 25956177988.0/14

Right Out: 0.852+/-0.000 χ^2/NDF : 32161170991.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.852+/-0.000 χ^2/NDF : 32161170991.8/17

yield_bpm0l05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1140936.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

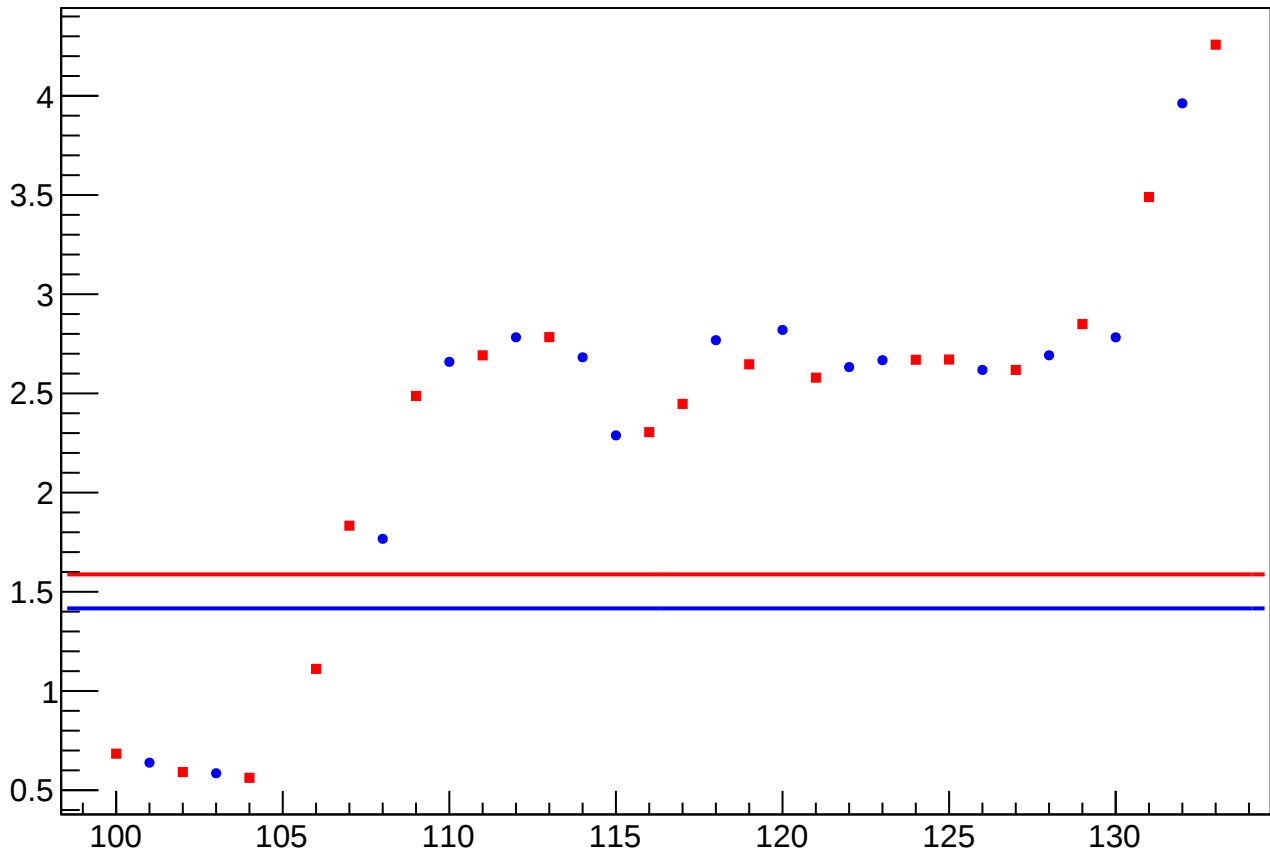
Right Out: 0.006+/-0.000 χ^2/NDF : 1021876.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1140936.4/14

0.006+/-0.000 χ^2/NDF : 1021876.7/17

yield_bpm0l05Y_mean vs Slug



Right In: 1.416+/-0.000 χ^2/NDF : 149197007378.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

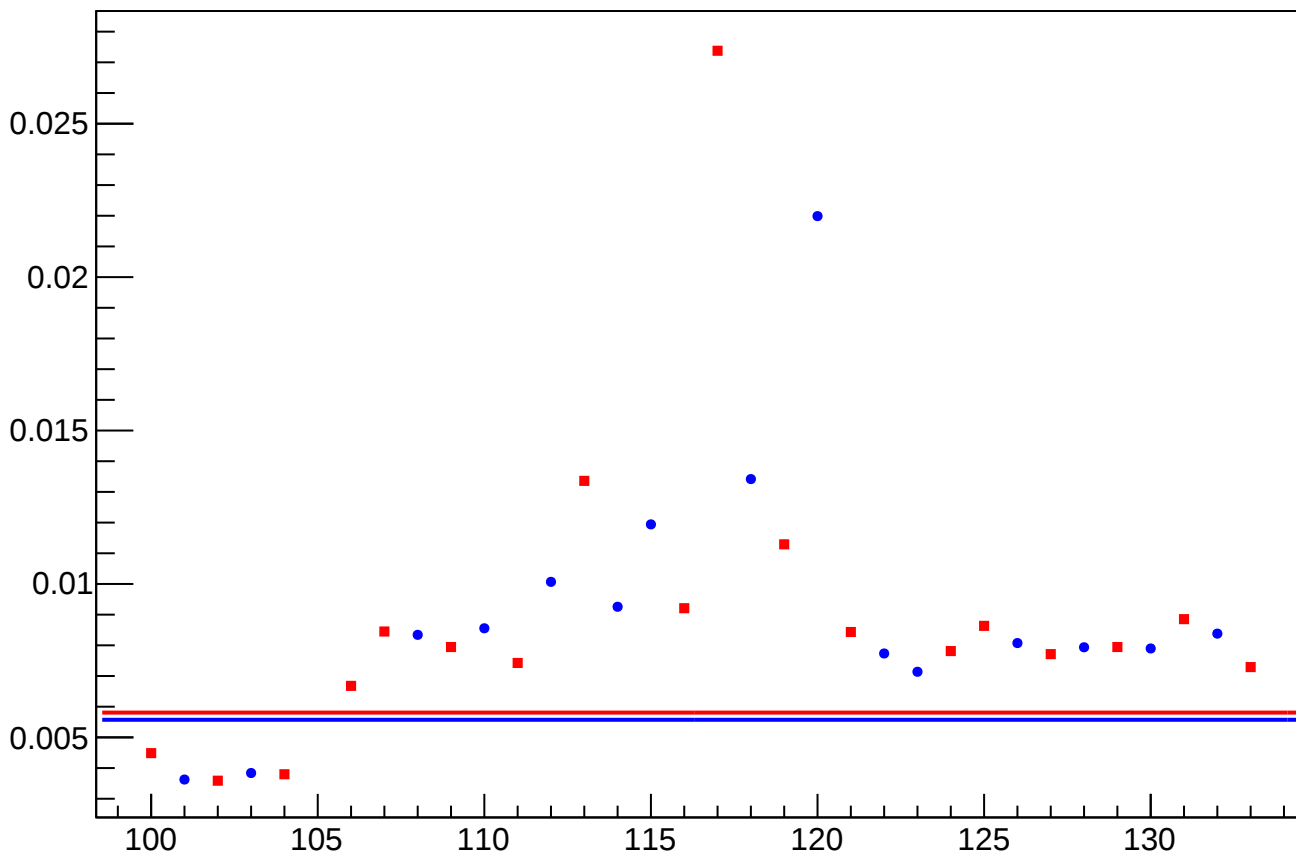
1.416+/-0.000 χ^2/NDF : 149197007378.0/14

Right Out: 1.588+/-0.000 χ^2/NDF : 199986952609.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.588+/-0.000 χ^2/NDF : 199986952609.9/17

yield_bpm0l05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1779716.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

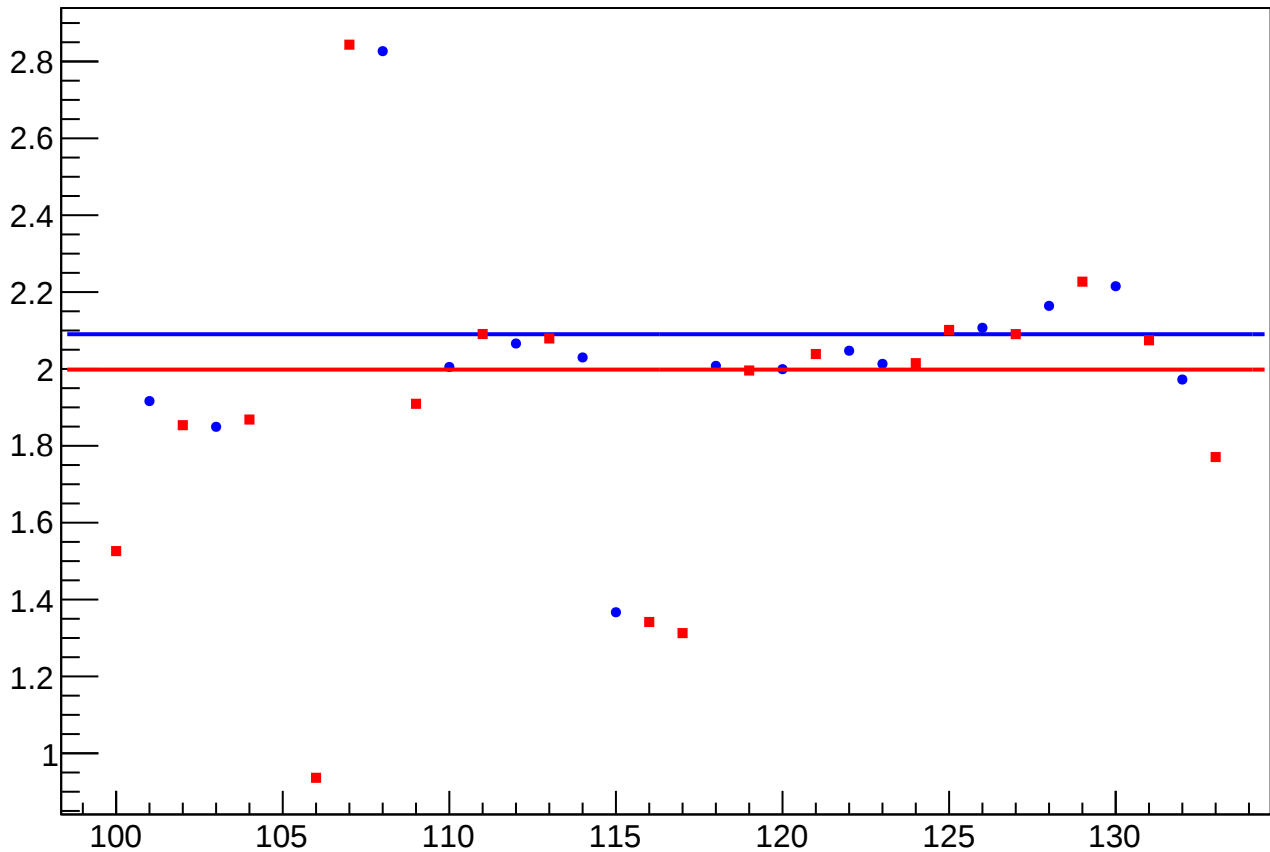
Right Out: 0.006+/-0.000 χ^2/NDF : 1655732.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1779716.9/14

0.006+/-0.000 χ^2/NDF : 1655732.2/17

yield_bpm0l06X_mean vs Slug



Right In: 2.090 $\pm$ 0.000 χ^2 /NDF: 7836936525.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

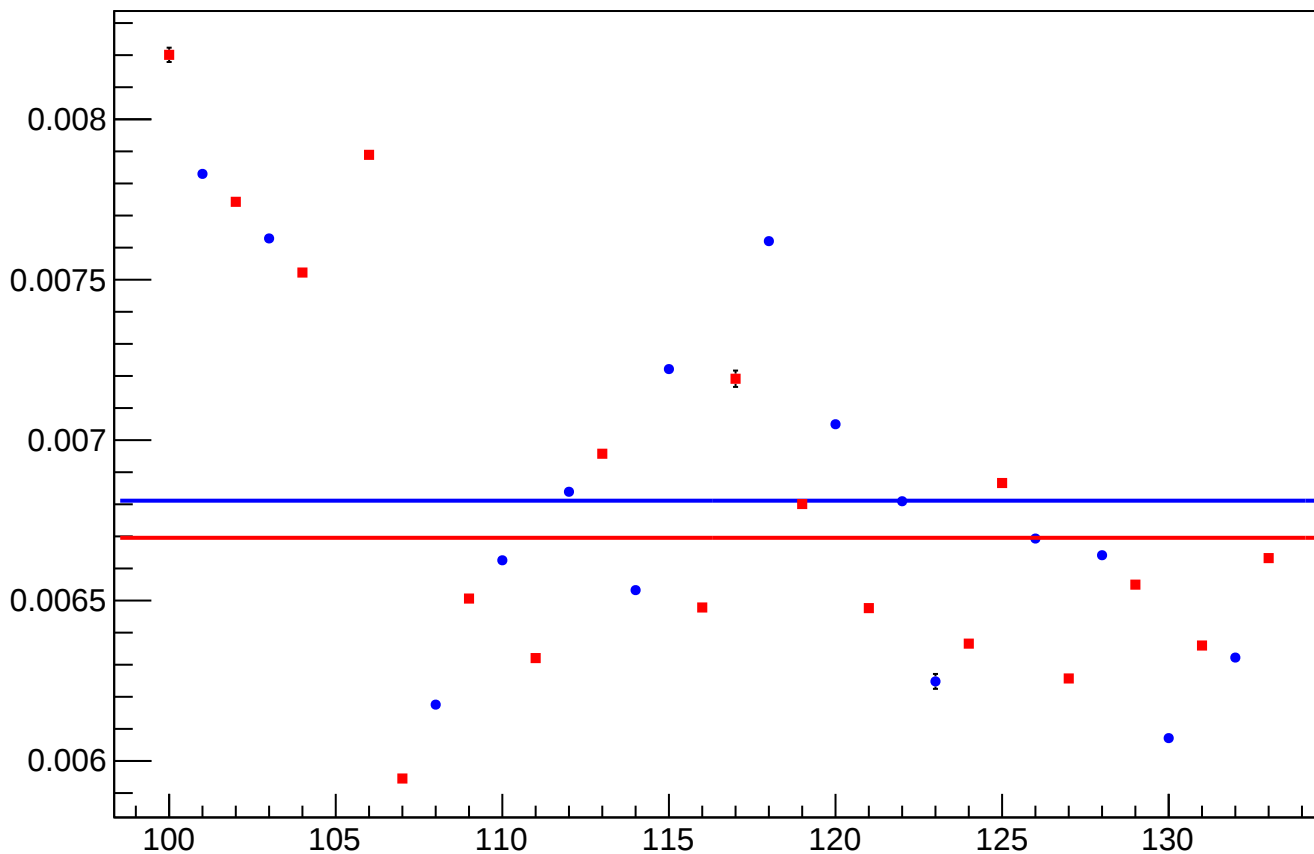
2.090 $\pm$ 0.000 χ^2 /NDF: 7836936525.0/14

Right Out: 1.998 $\pm$ 0.000 χ^2 /NDF: 16669626004.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.998 $\pm$ 0.000 χ^2 /NDF: 16669626004.8/17

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 73293.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

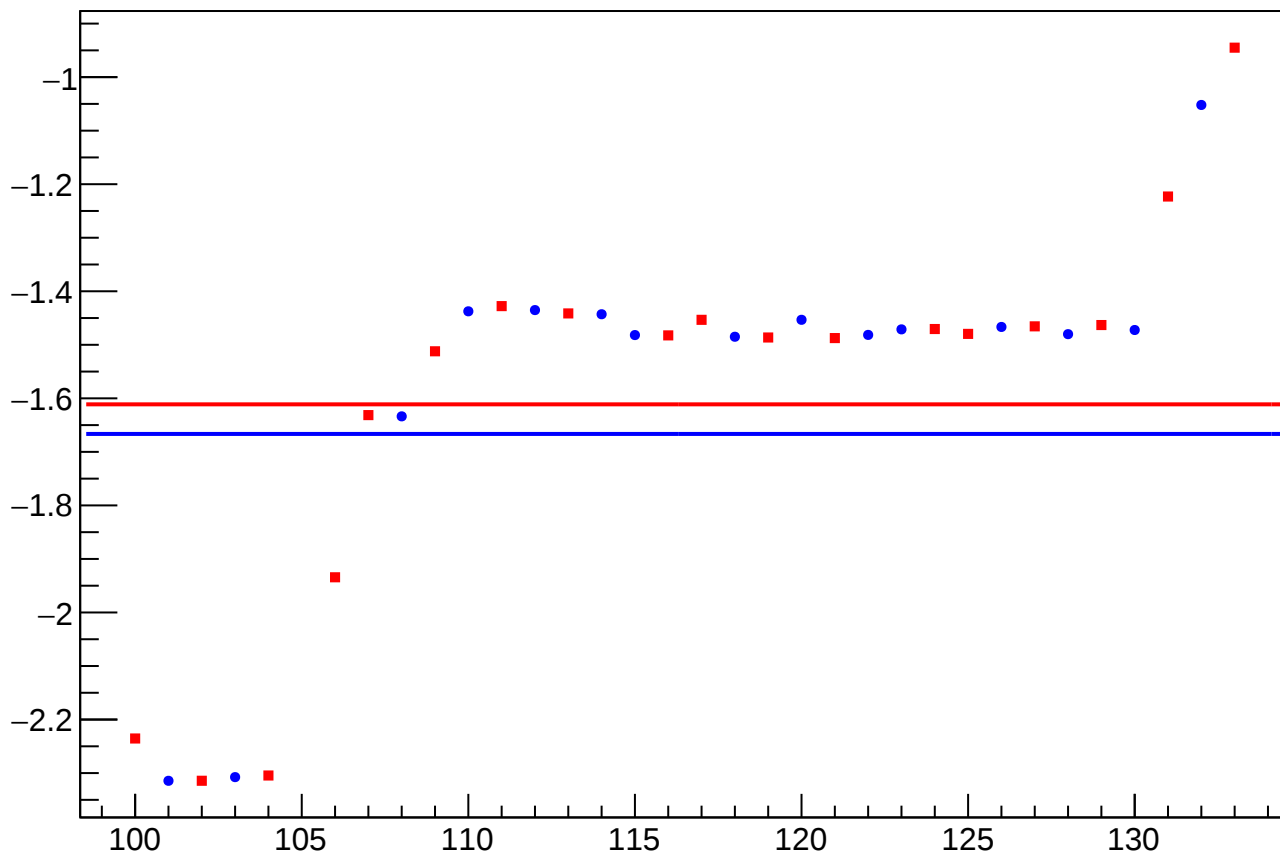
Right Out: 0.007+/-0.000 χ^2/NDF : 73320.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 73293.3/14

0.007+/-0.000 χ^2/NDF : 73320.6/17

yield_bpm0l06Y_mean vs Slug



Right In: -1.667+/-0.000 χ^2/NDF : 118371758743.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

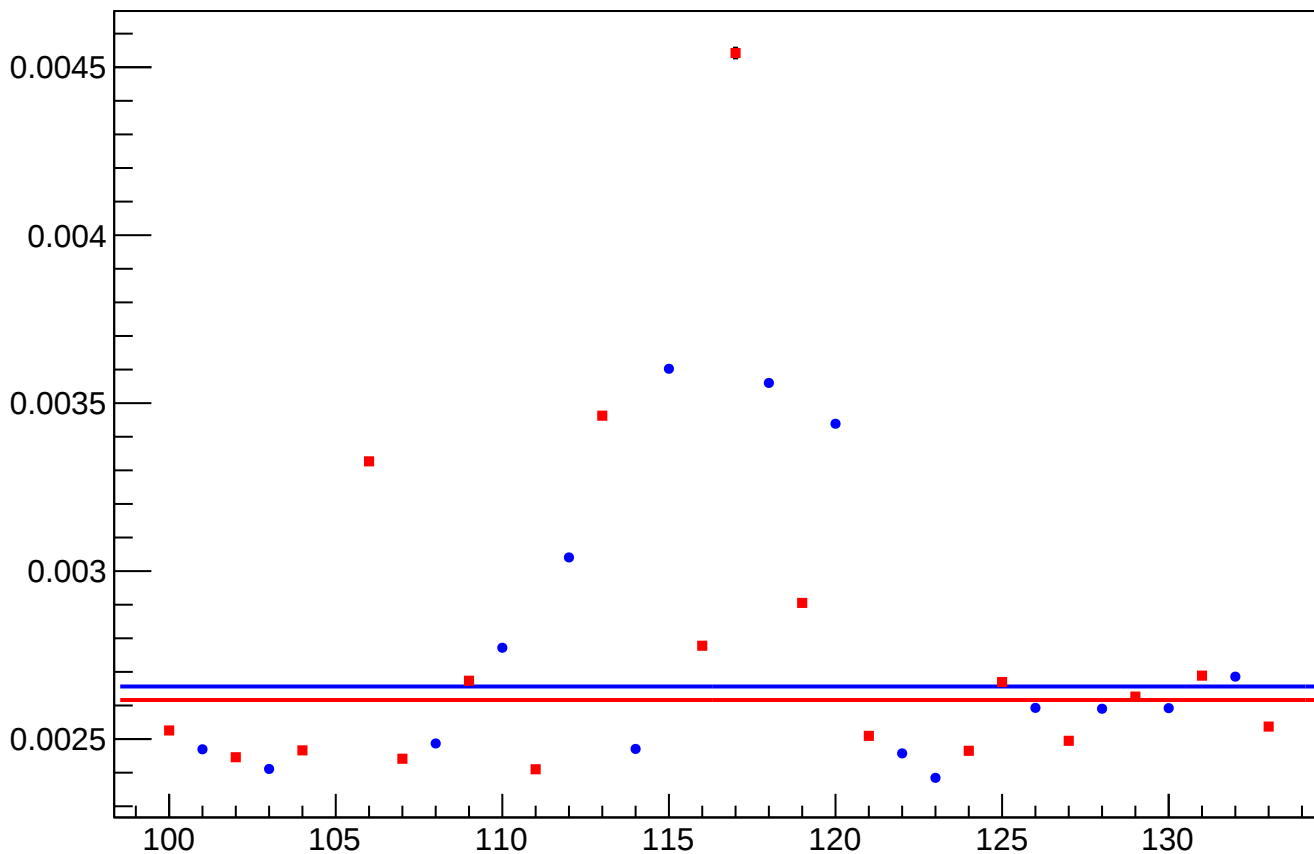
Right Out: -1.611+/-0.000 χ^2/NDF : 136547682864.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.667+/-0.000 χ^2/NDF : 118371758743.4/14

-1.611+/-0.000 χ^2/NDF : 136547682864.3/17

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 148184.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

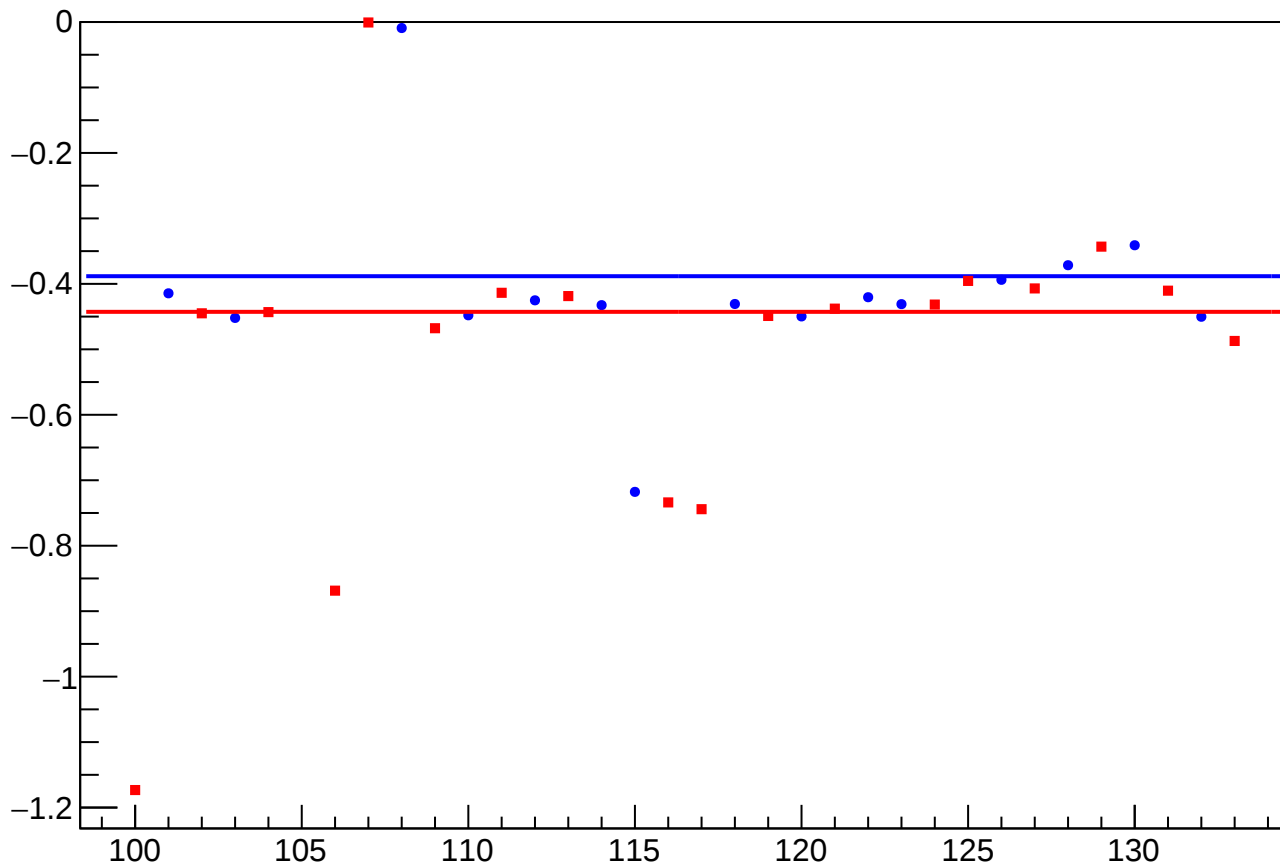
Right Out: 0.003+/-0.000 χ^2/NDF : 118305.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 148184.3/14

0.003+/-0.000 χ^2/NDF : 118305.0/17

yield_bpm0l07X_mean vs Slug



Right In: -0.388+/-0.000 χ^2/NDF : 681298160.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

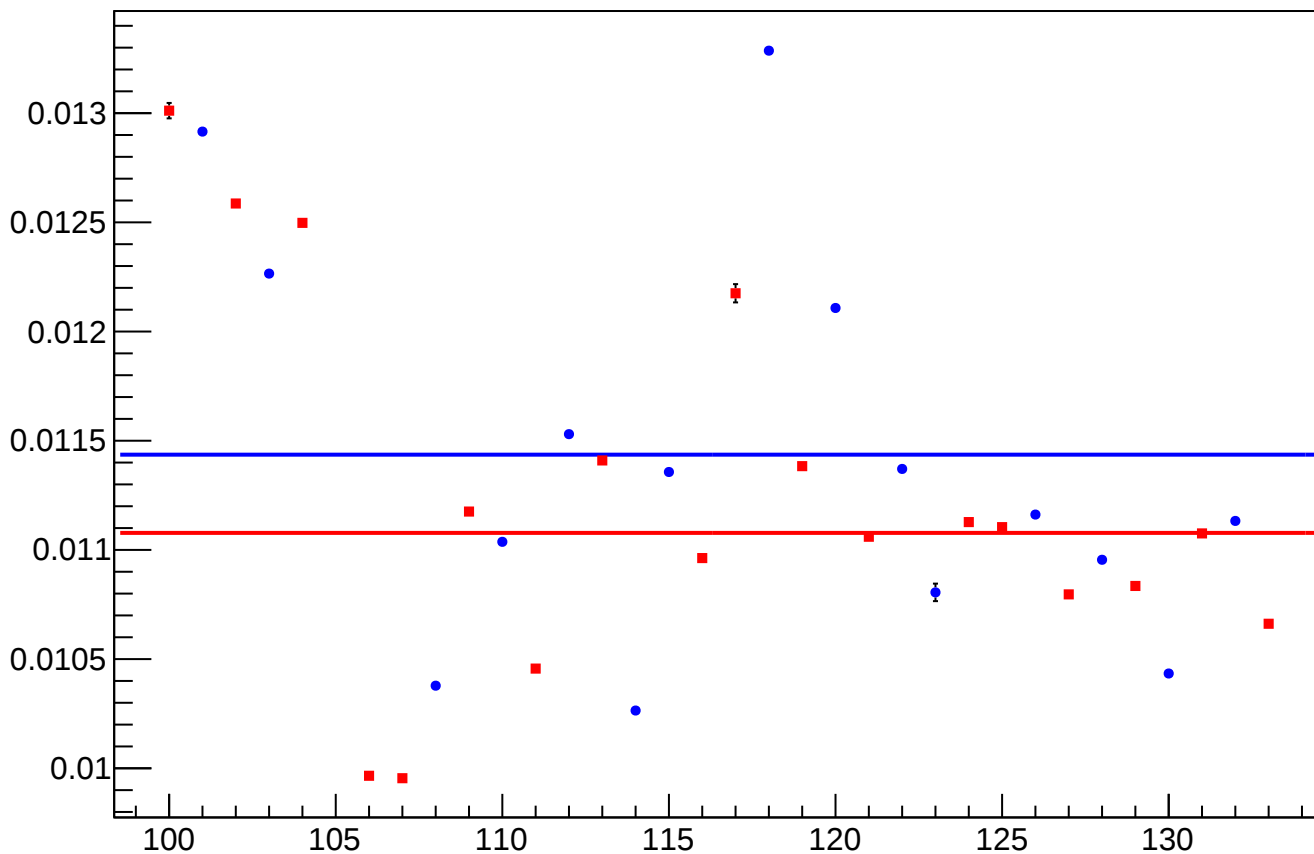
Right Out: -0.443+/-0.000 χ^2/NDF : 1696634028.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.388+/-0.000 χ^2/NDF : 681298160.9/14

-0.443+/-0.000 χ^2/NDF : 1696634028.0/17

yield_bpm0l07X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 64436.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

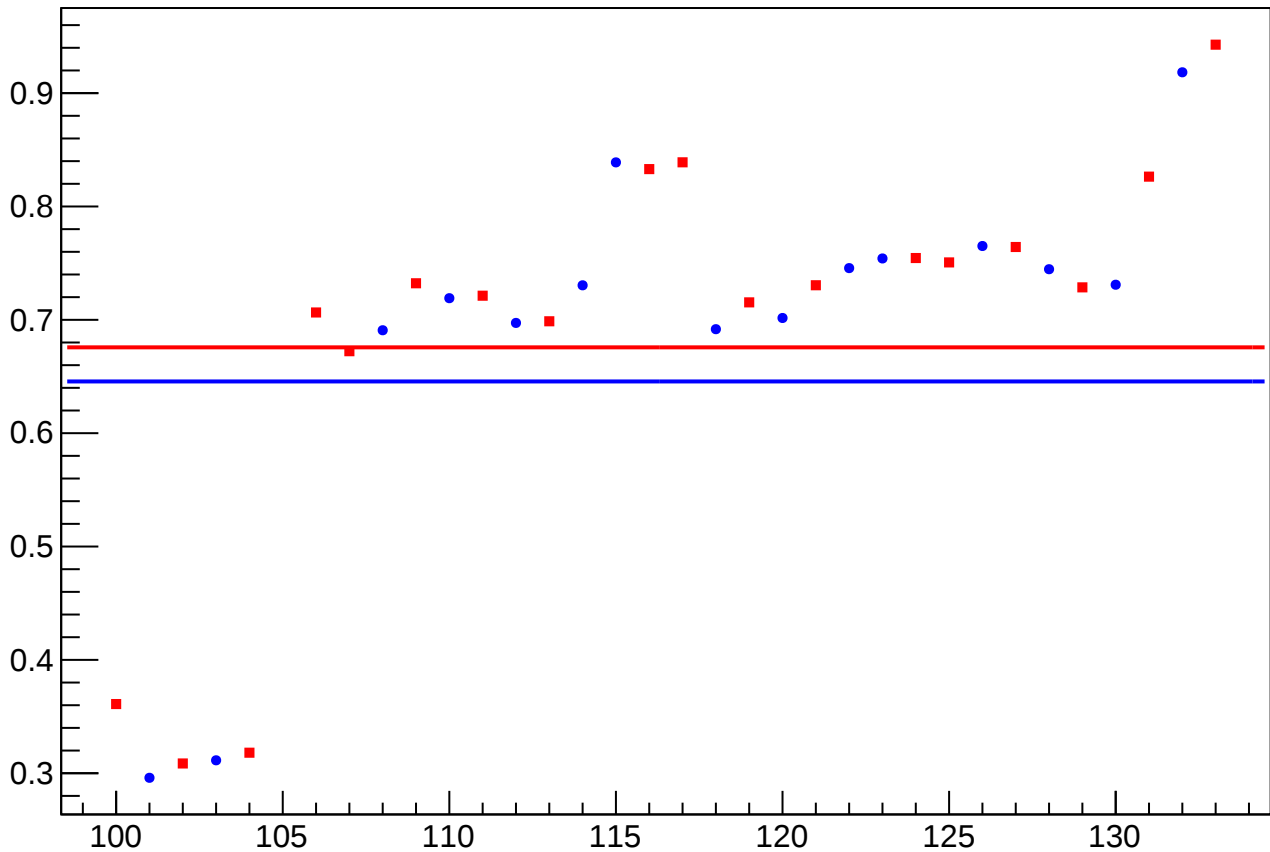
Right Out: 0.011+/-0.000 χ^2/NDF : 54402.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 64436.5/14

0.011+/-0.000 χ^2/NDF : 54402.3/17

yield_bpm0l07Y_mean vs Slug



Right In: 0.646+/-0.000 χ^2/NDF : 32825211738.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

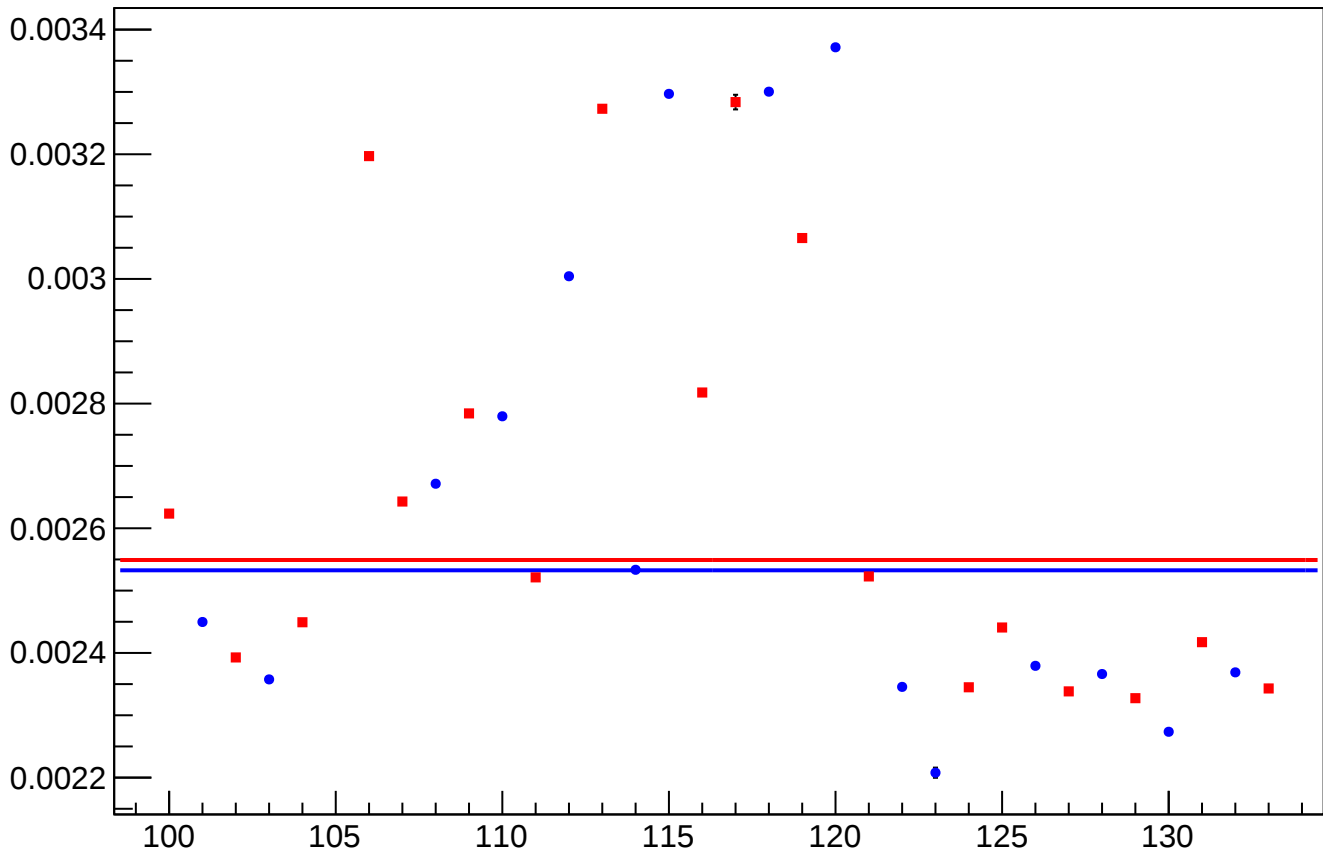
0.646+/-0.000 χ^2/NDF : 32825211738.3/14

Right Out: 0.676+/-0.000 χ^2/NDF : 33658142469.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.676+/-0.000 χ^2/NDF : 33658142469.8/17

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 167253.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

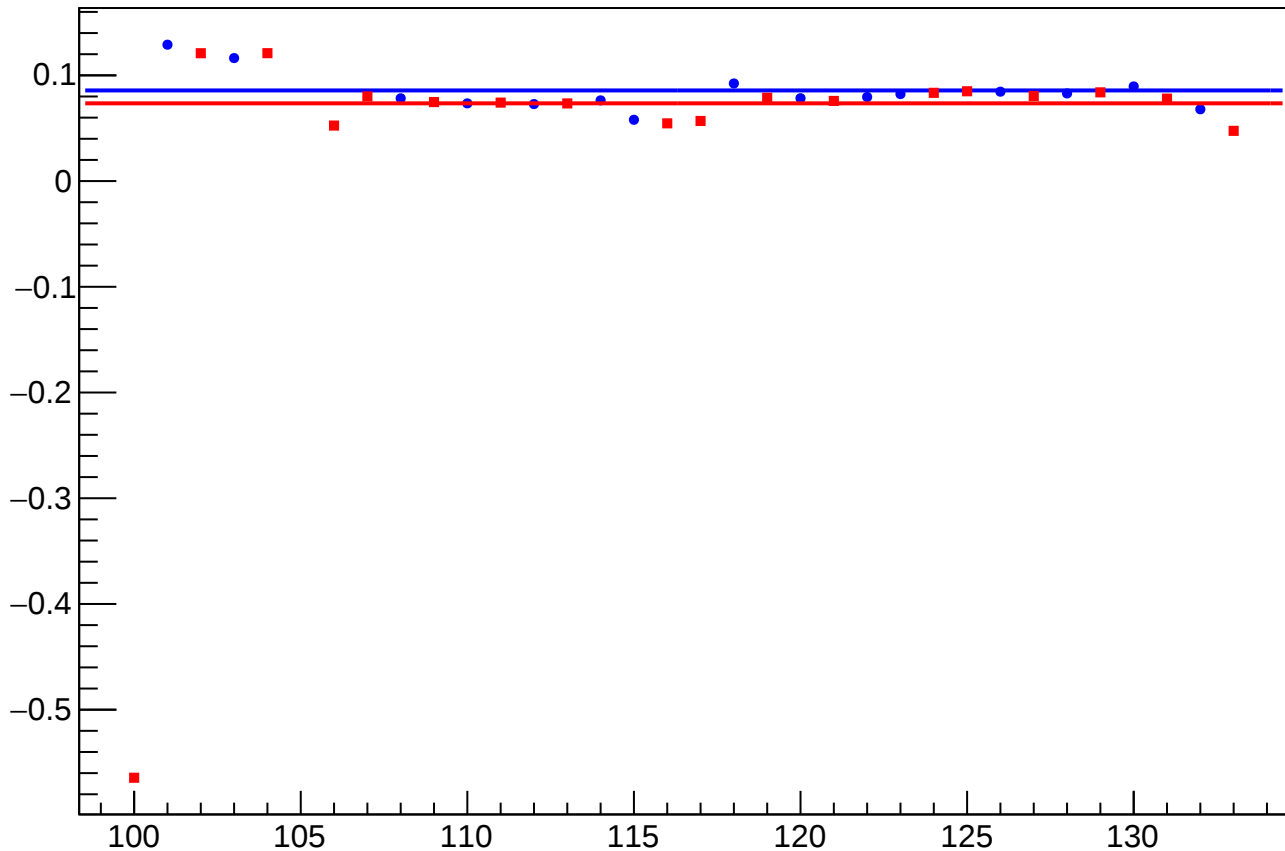
Right Out: 0.003+/-0.000 χ^2/NDF : 131477.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 167253.3/14

0.003+/-0.000 χ^2/NDF : 131477.3/17

yield_bpm0l08X_mean vs Slug



Right In: 0.086+/-0.000 χ^2/NDF : 16482004.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

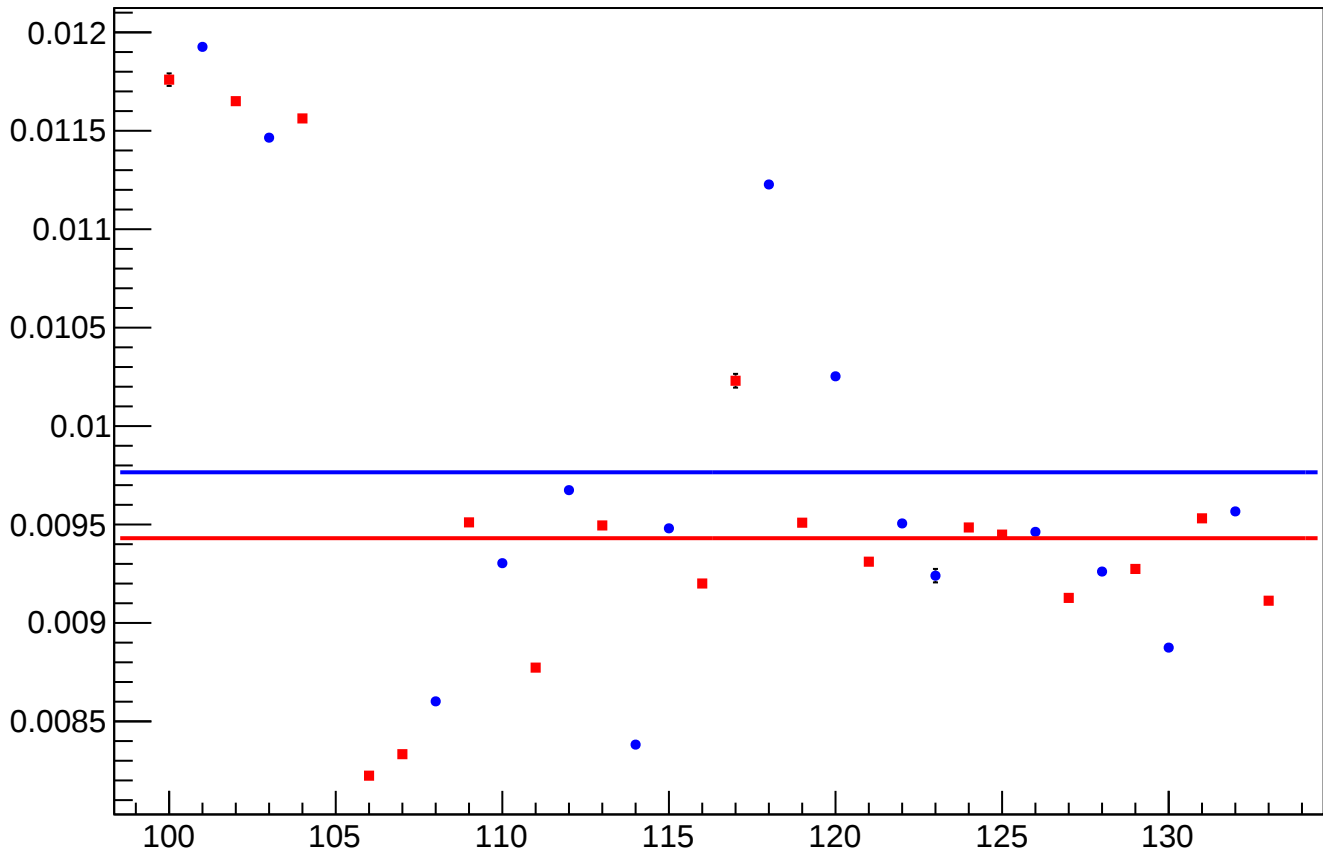
Right Out: 0.074+/-0.000 χ^2/NDF : 225777742.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.086+/-0.000 χ^2/NDF : 16482004.7/14

0.074+/-0.000 χ^2/NDF : 225777742.2/17

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 116071.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

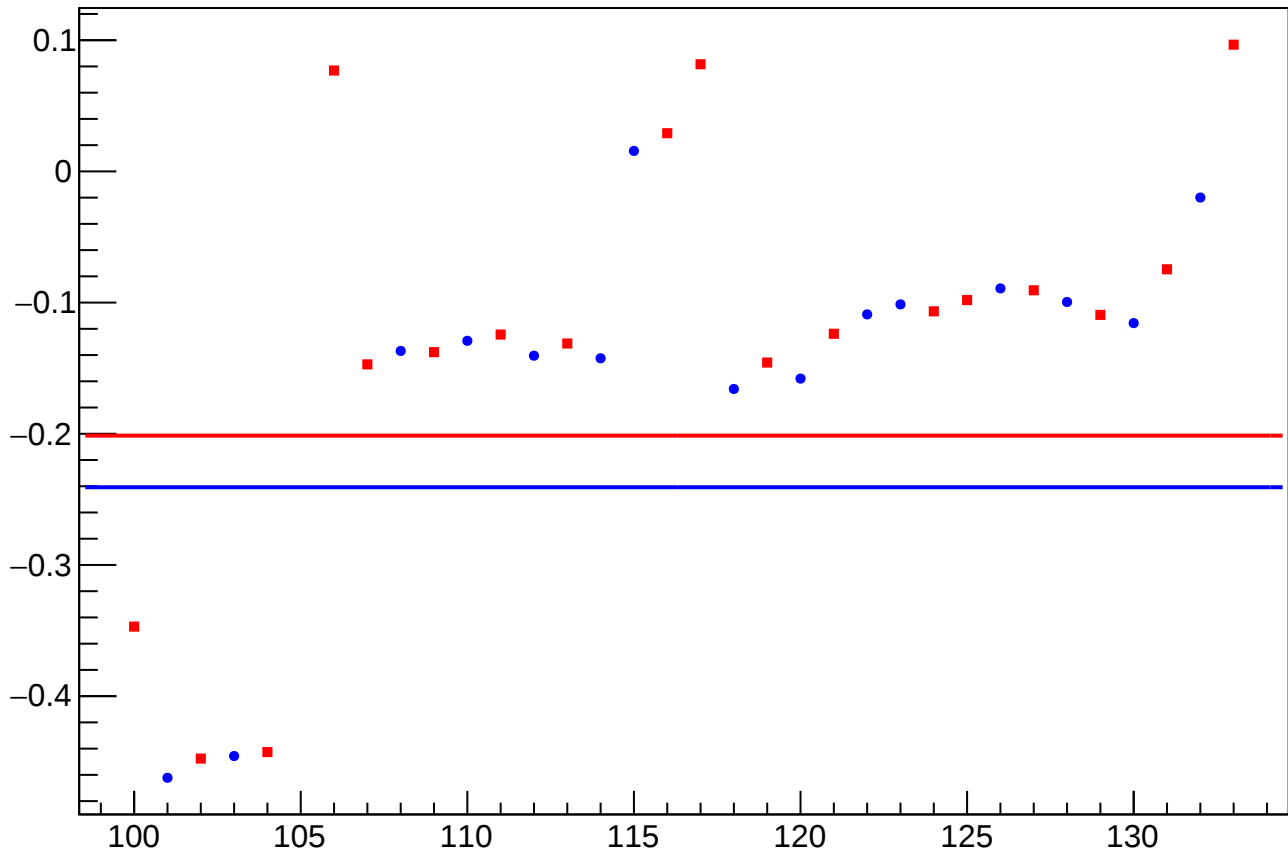
Right Out: 0.009+/-0.000 χ^2/NDF : 109445.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116071.2/14

0.009+/-0.000 χ^2/NDF : 109445.4/17

yield_bpm0l08Y_mean vs Slug



Right In: -0.241+/-0.000 χ^2/NDF : 6586518199.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

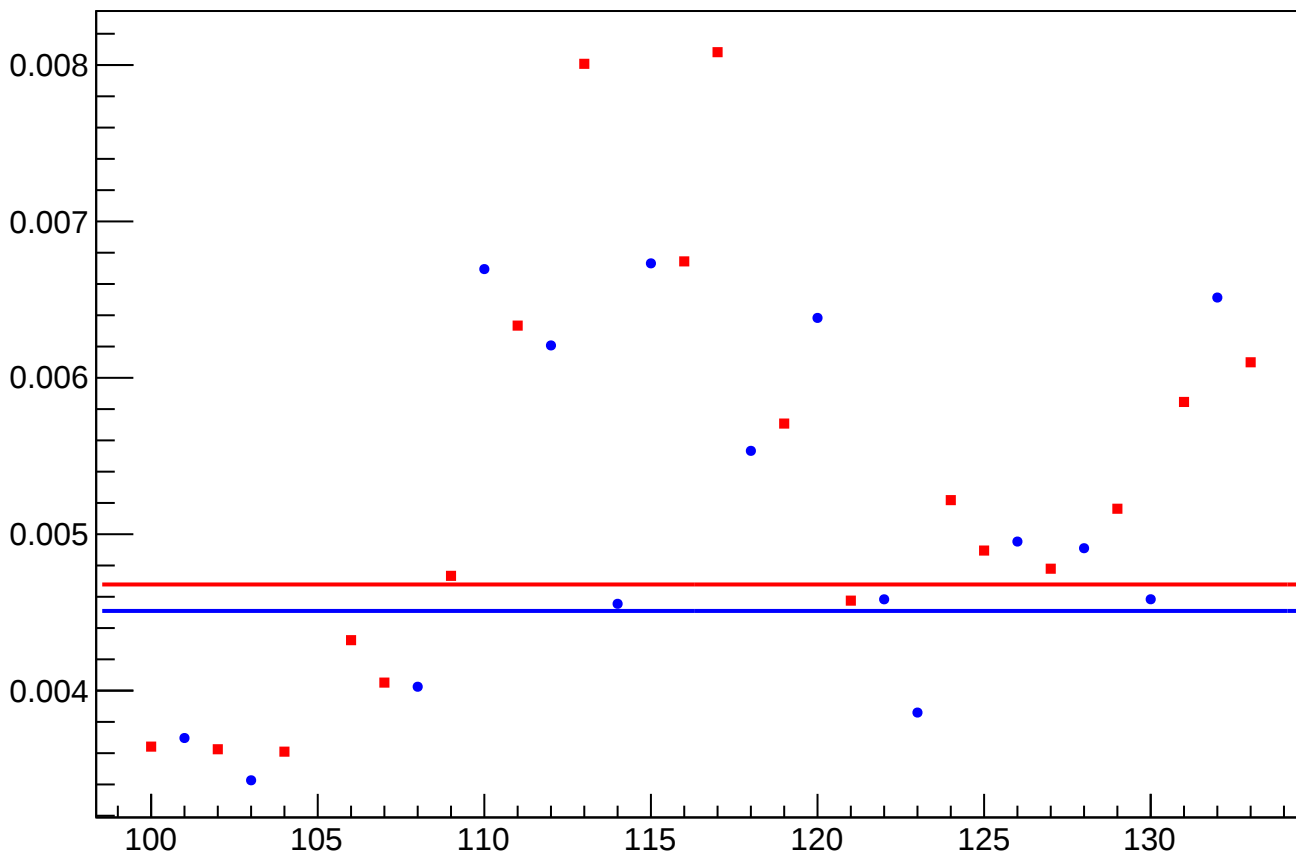
-0.241+/-0.000 χ^2/NDF : 6586518199.1/14

Right Out: -0.201+/-0.000 χ^2/NDF : 7725542767.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.201+/-0.000 χ^2/NDF : 7725542767.9/17

yield_bpm0l08Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 482301.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

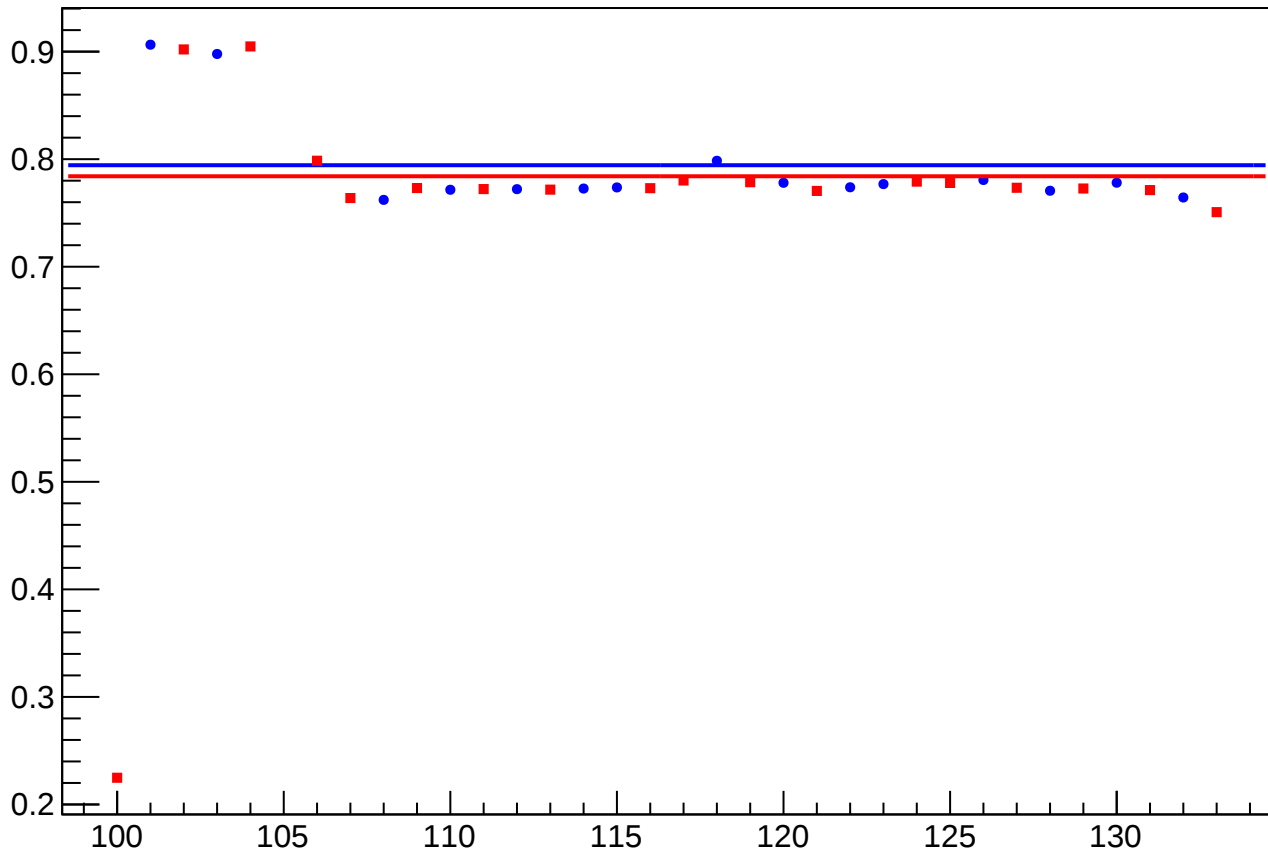
Right Out: 0.005+/-0.000 χ^2/NDF : 564192.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 482301.1/14

0.005+/-0.000 χ^2/NDF : 564192.9/17

yield_bpm0l09X_mean vs Slug



Right In: 0.794+/-0.000 χ^2/NDF : 102547485.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

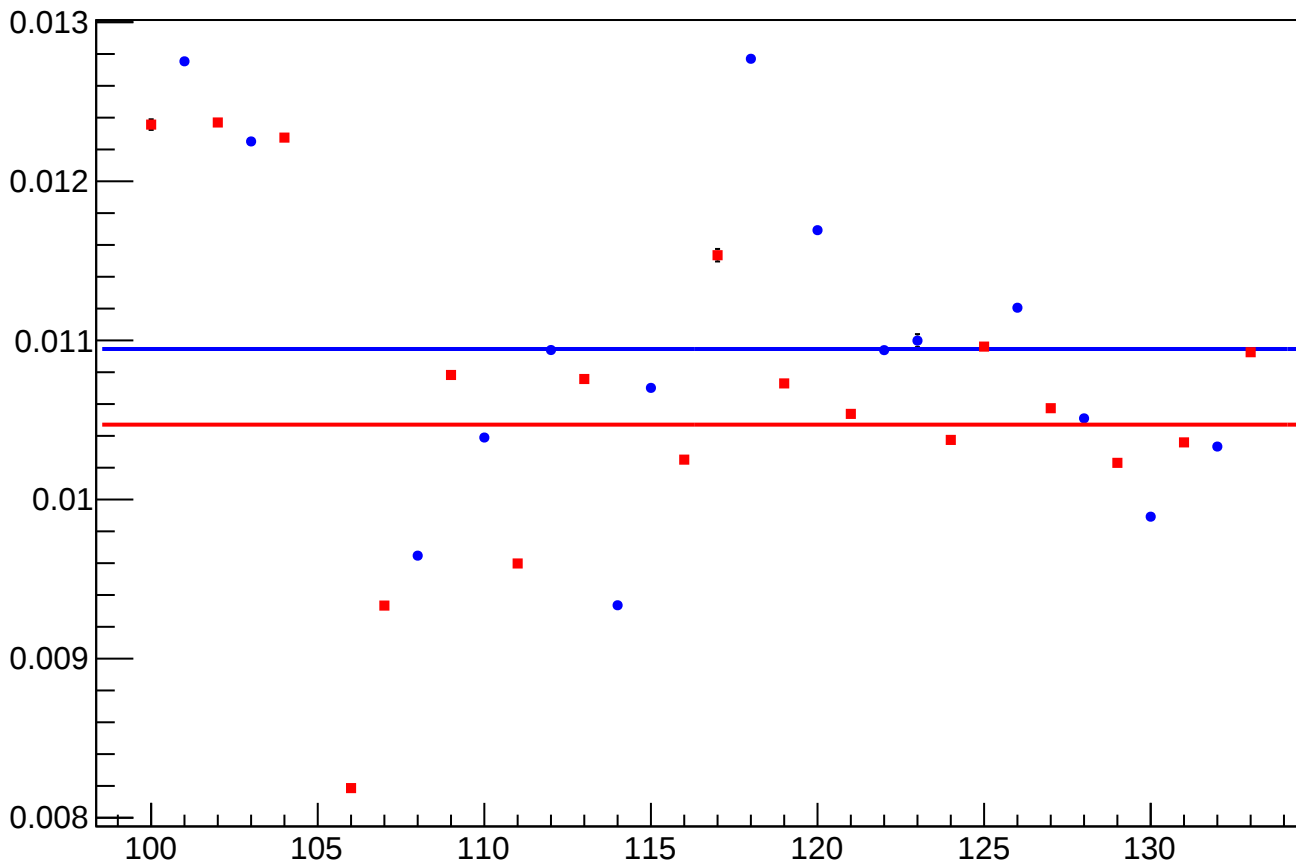
Right Out: 0.784+/-0.000 χ^2/NDF : 245176450.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.794+/-0.000 χ^2/NDF : 102547485.3/14

0.784+/-0.000 χ^2/NDF : 245176450.1/17

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 95841.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

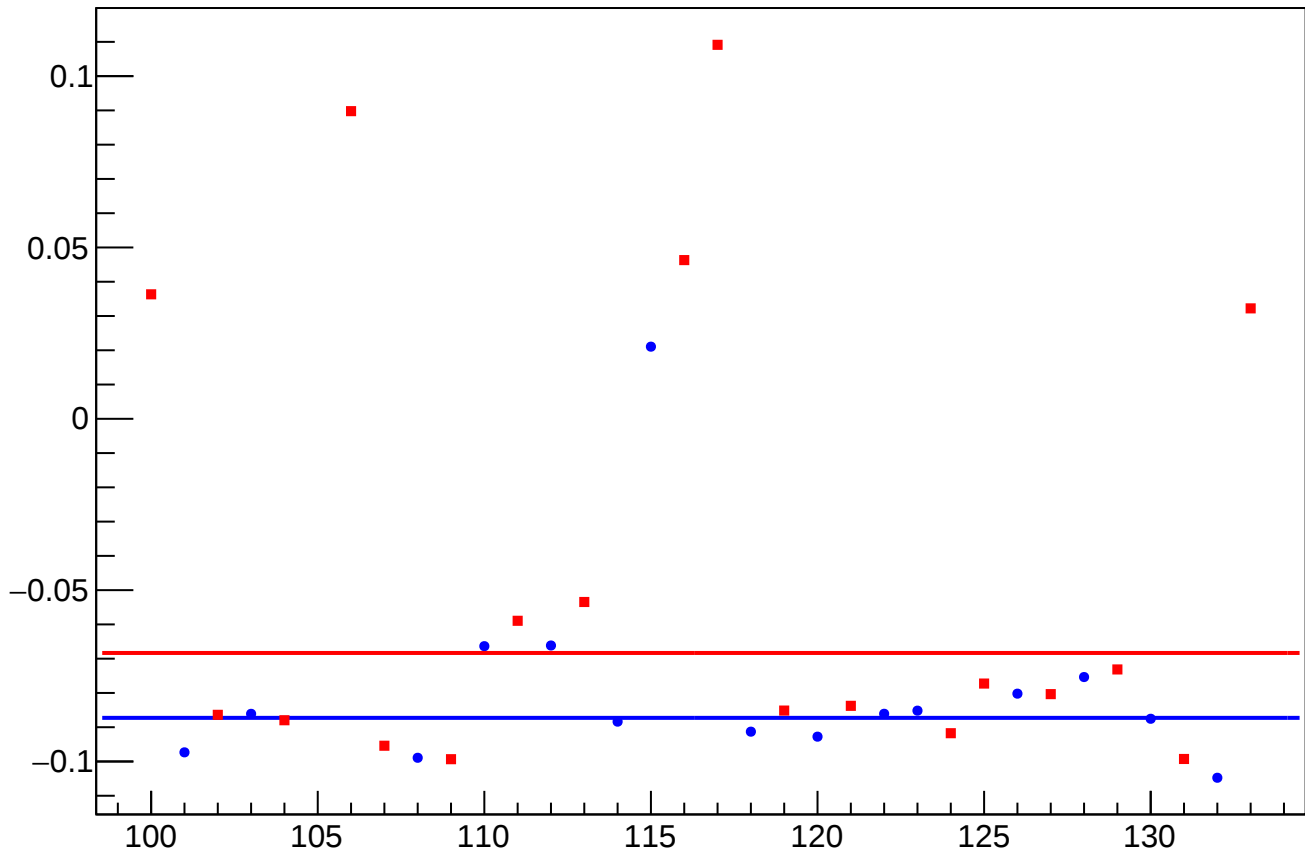
Right Out: 0.010+/-0.000 χ^2/NDF : 118285.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 95841.9/14

0.010+/-0.000 χ^2/NDF : 118285.9/17

yield_bpm0l09Y_mean vs Slug



Right In: -0.087+/-0.000 χ^2/NDF : 39907243.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

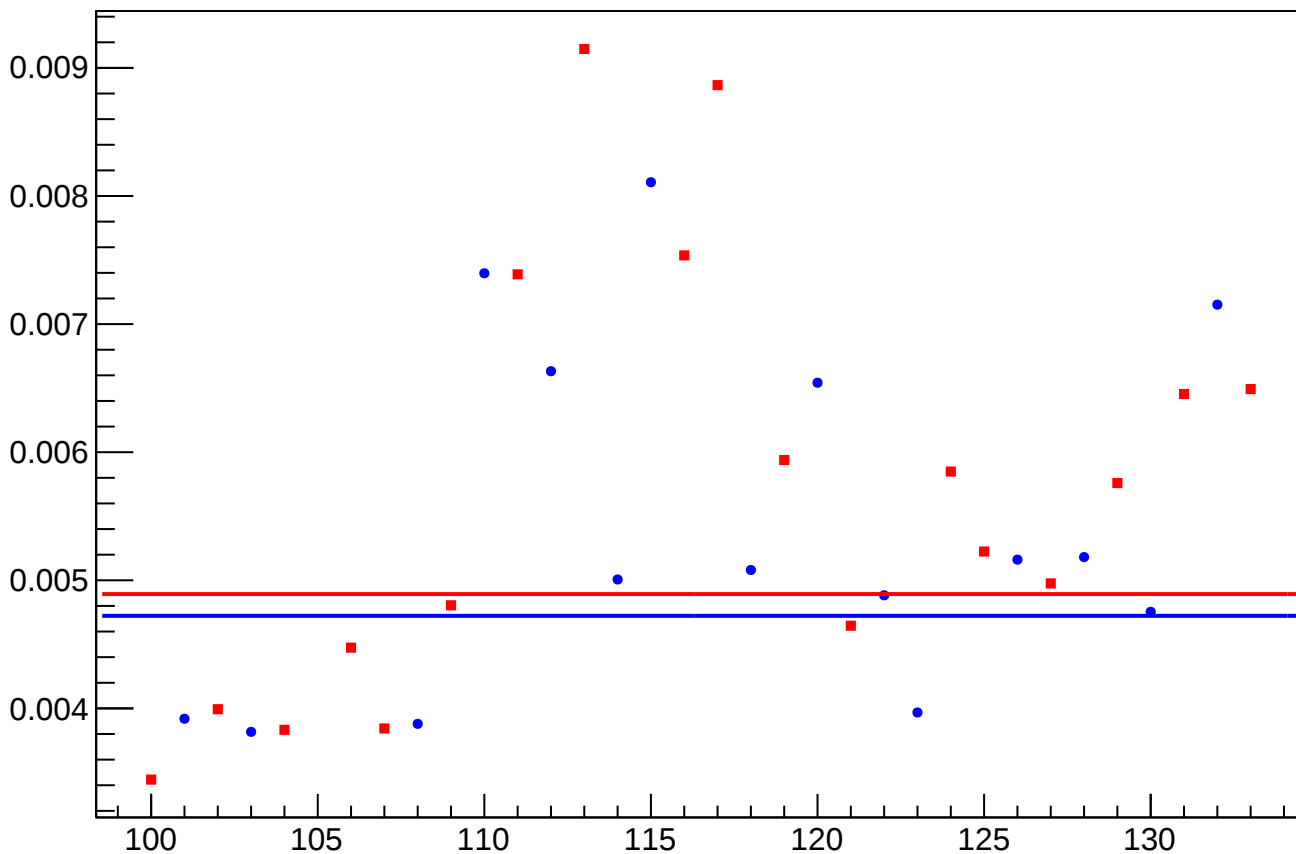
Right Out: -0.068+/-0.000 χ^2/NDF : 532640251.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.087+/-0.000 χ^2/NDF : 39907243.9/14

-0.068+/-0.000 χ^2/NDF : 532640251.5/17

yield_bpm0l09Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 455100.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

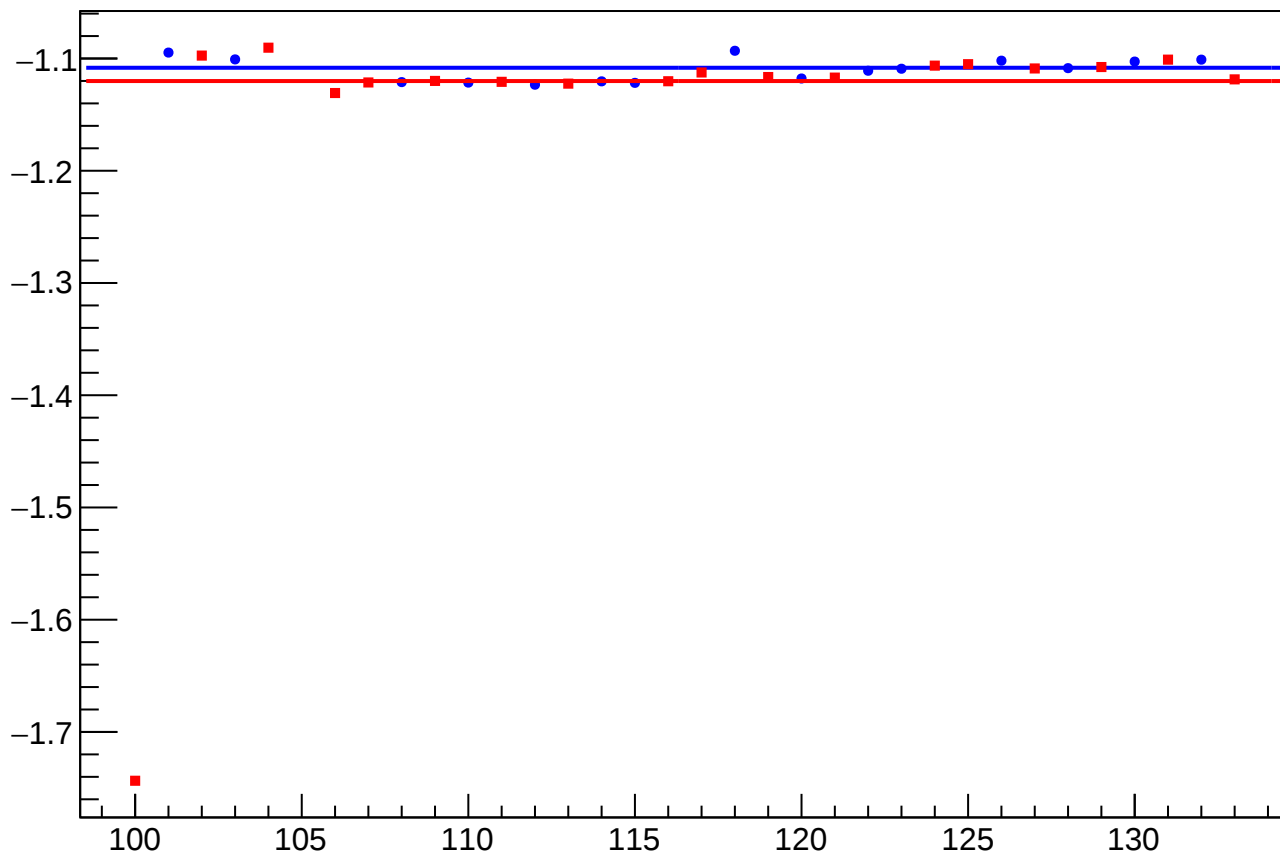
Right Out: 0.005+/-0.000 χ^2/NDF : 668972.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 455100.6/14

0.005+/-0.000 χ^2/NDF : 668972.0/17

yield_bpm0l10X_mean vs Slug



Right In: -1.108+/-0.000 χ^2/NDF : 4025200.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

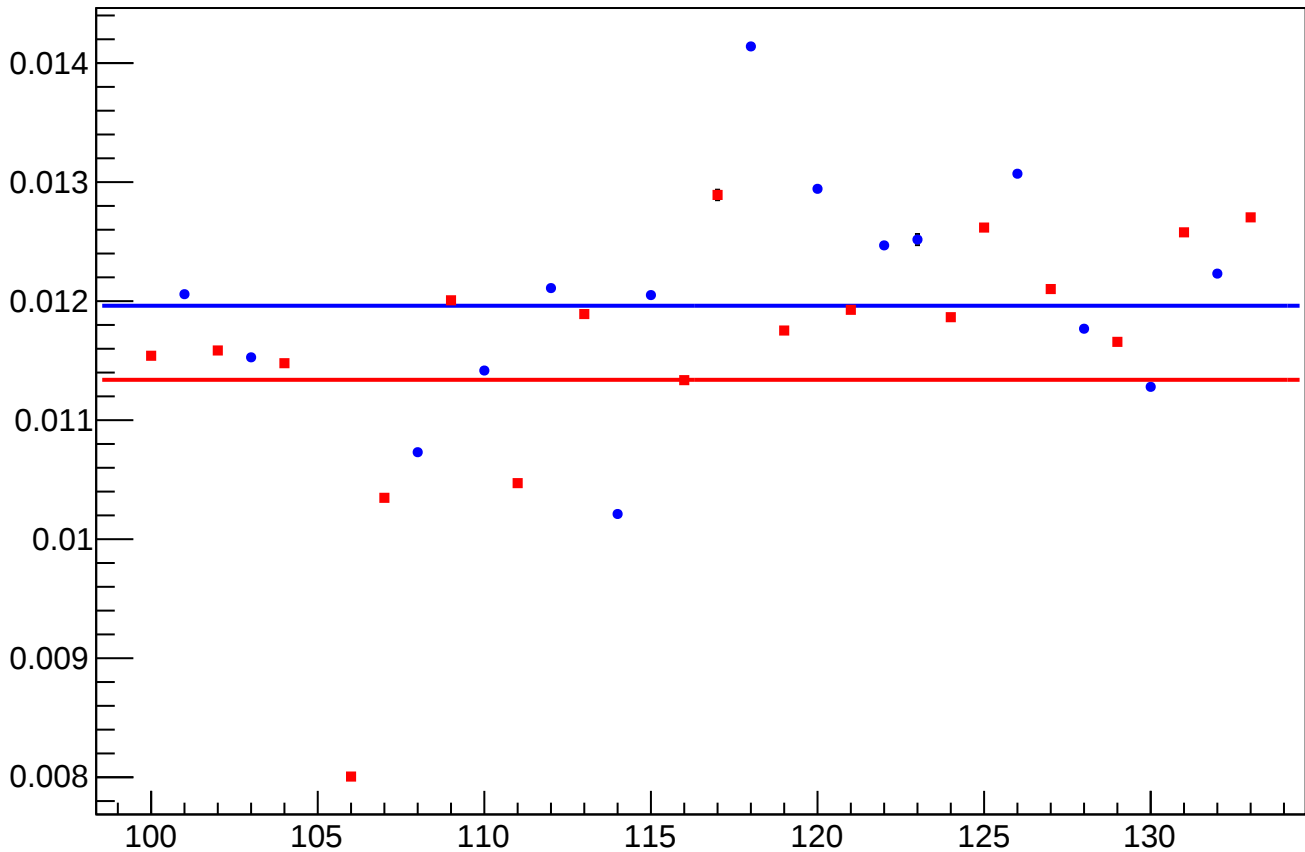
Right Out: -1.120+/-0.000 χ^2/NDF : 208197173.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.108+/-0.000 χ^2/NDF : 4025200.4/14

-1.120+/-0.000 χ^2/NDF : 208197173.3/17

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 56368.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

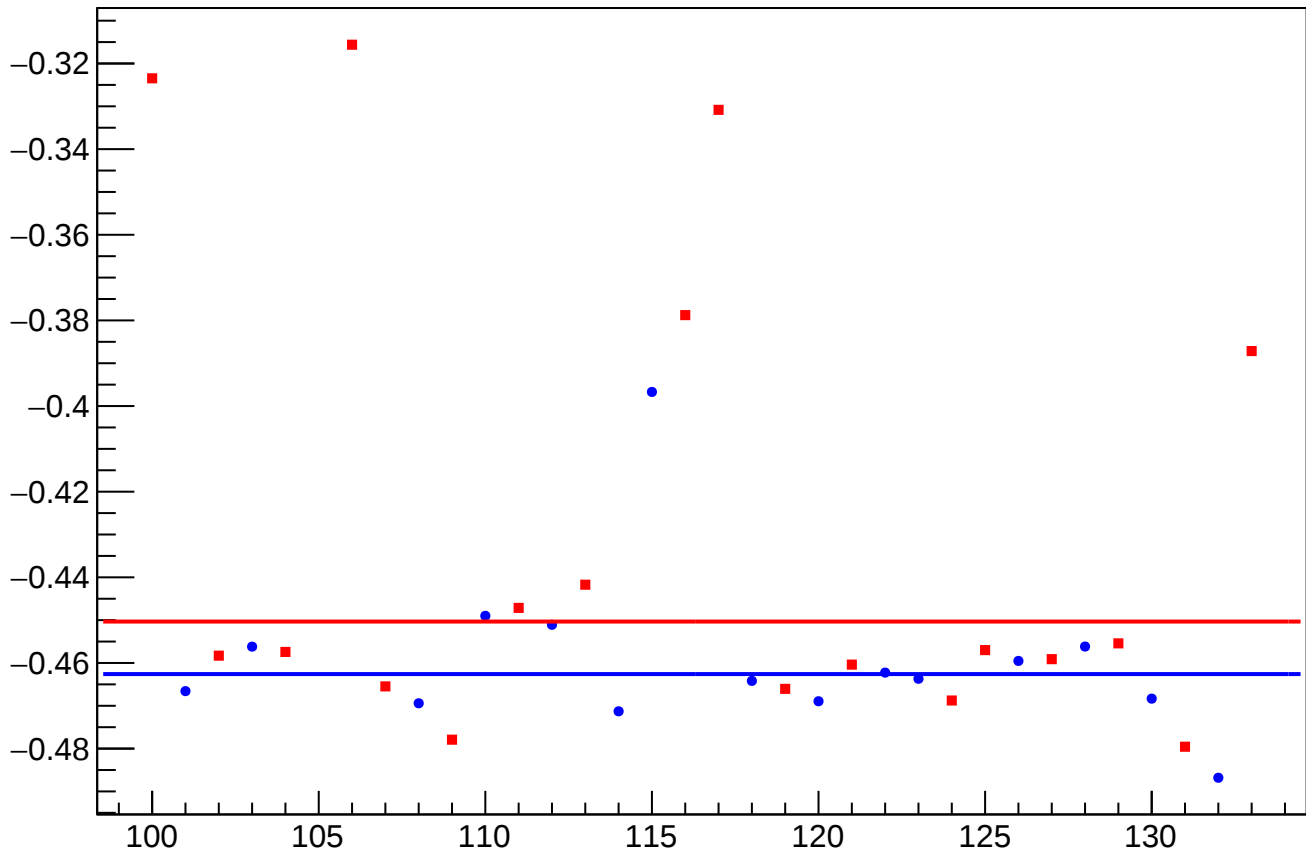
Right Out: 0.011+/-0.000 χ^2/NDF : 152083.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 56368.4/14

0.011+/-0.000 χ^2/NDF : 152083.4/17

yield_bpm0l10Y_mean vs Slug



Right In: -0.463+/-0.000 χ^2/NDF : 28753184.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

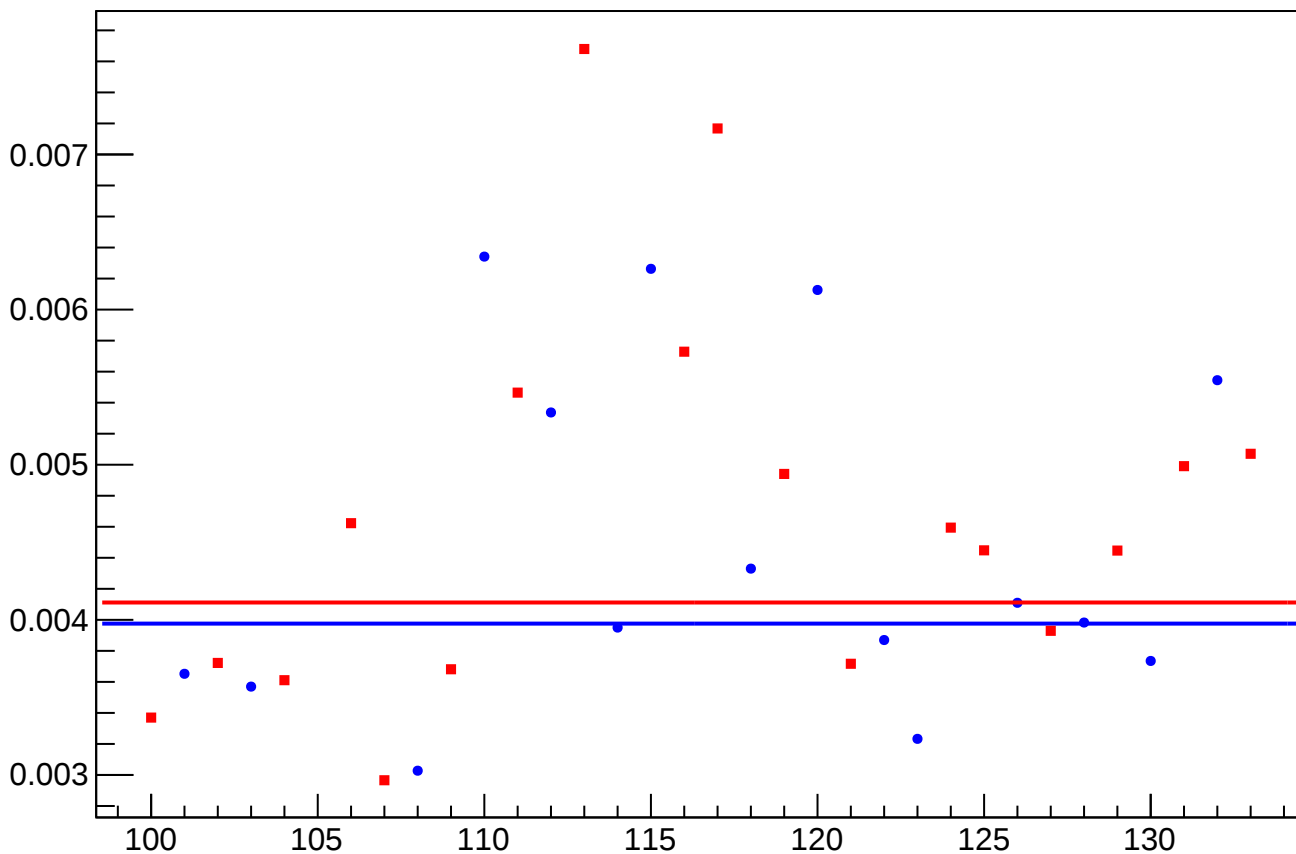
Right Out: -0.450+/-0.000 χ^2/NDF : 426250149.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.463+/-0.000 χ^2/NDF : 28753184.4/14

-0.450+/-0.000 χ^2/NDF : 426250149.7/17

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 389671.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

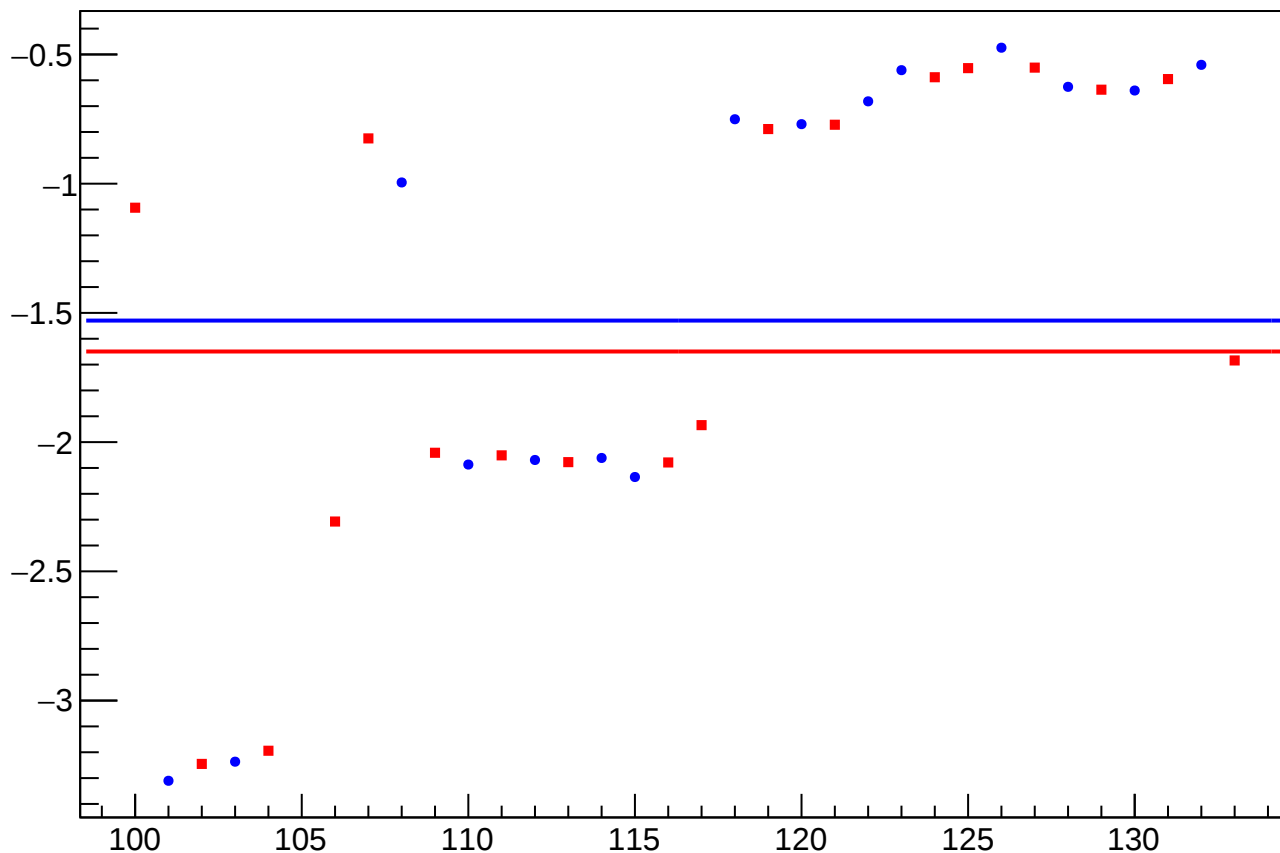
Right Out: 0.004+/-0.000 χ^2/NDF : 515707.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 389671.4/14

0.004+/-0.000 χ^2/NDF : 515707.3/17

yield_bpm0r03X_mean vs Slug



Right In: -1.530+/-0.000 χ^2/NDF : 1196074111.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

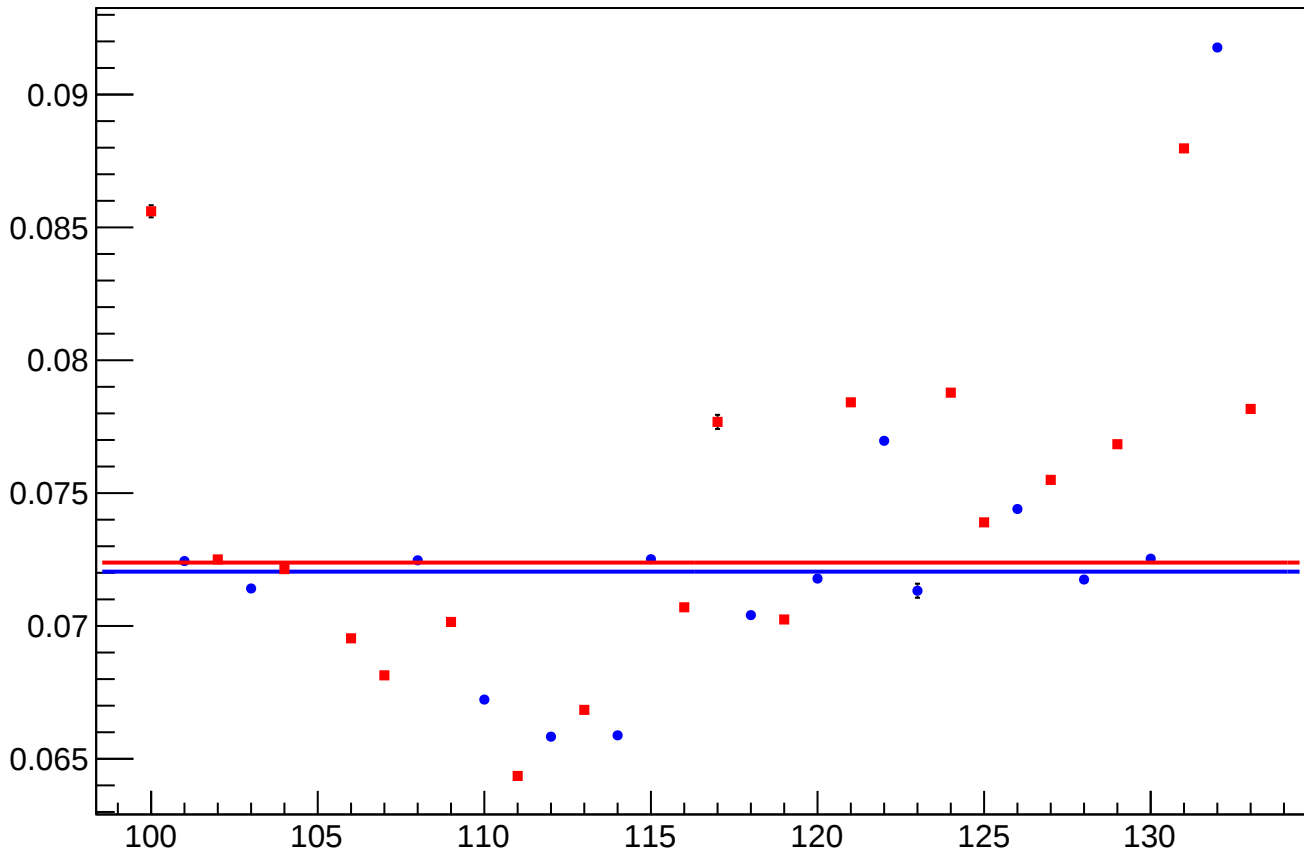
Right Out: -1.649+/-0.000 χ^2/NDF : 1056890020.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.530+/-0.000 χ^2/NDF : 1196074111.9/14

-1.649+/-0.000 χ^2/NDF : 1056890020.8/17

yield_bpm0r03X_rms vs Slug



Right In: 0.072+/-0.000 χ^2/NDF : 53506.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

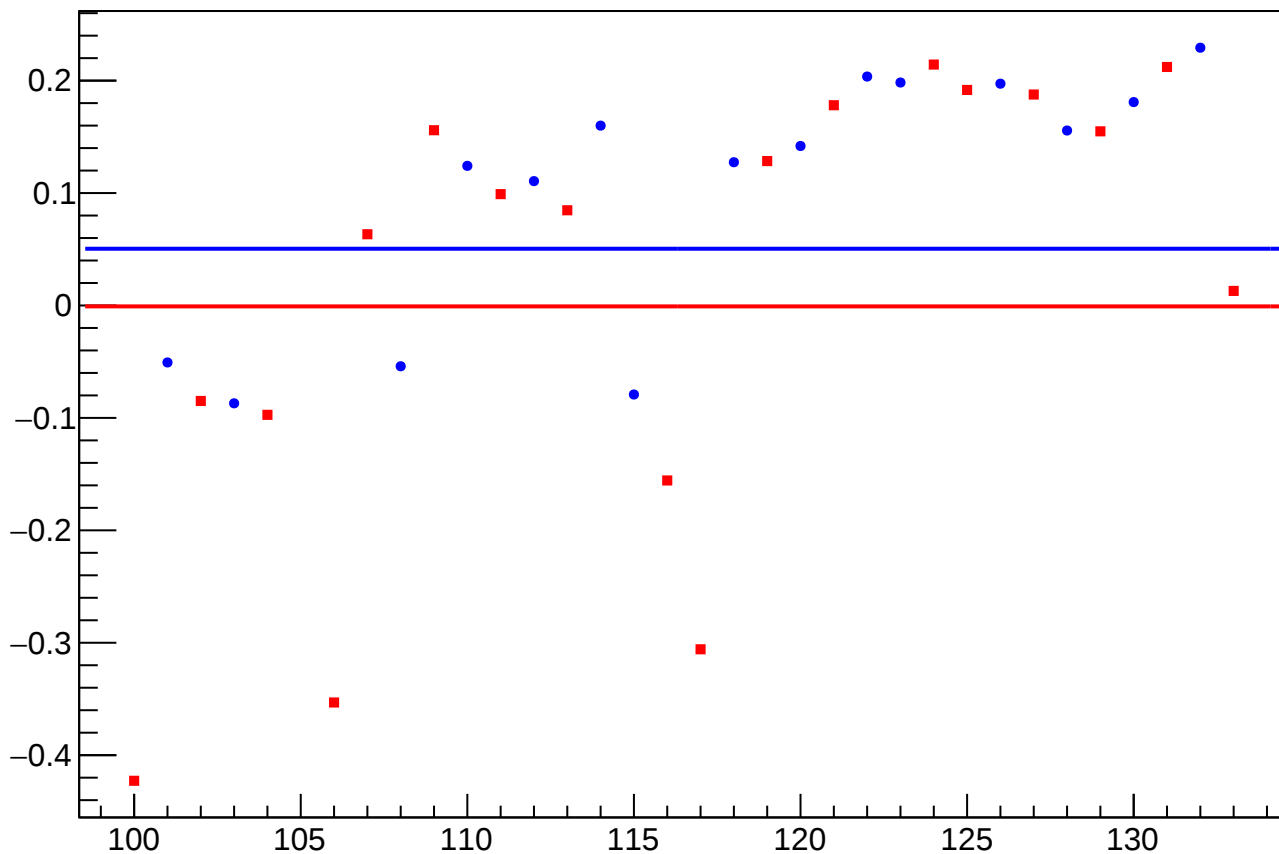
Right Out: 0.072+/-0.000 χ^2/NDF : 67043.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 53506.2/14

0.072+/-0.000 χ^2/NDF : 67043.9/17

yield_bpm0r03Y_mean vs Slug



Right In: 0.050+/-0.000 χ^2/NDF : 471910992.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

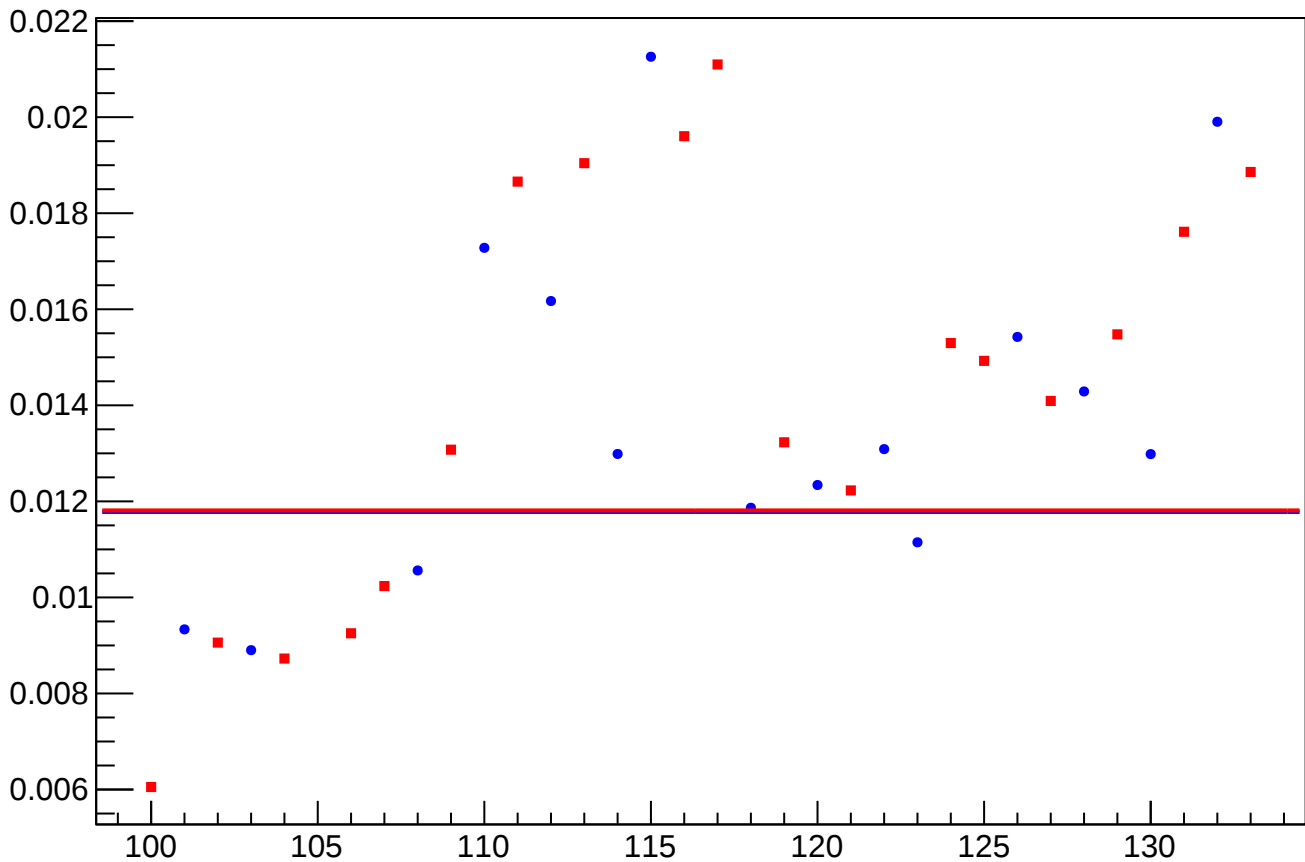
Right Out: -0.001+/-0.000 χ^2/NDF : 1194623154.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.050+/-0.000 χ^2/NDF : 471910992.1/14

-0.001+/-0.000 χ^2/NDF : 1194623154.4/17

yield_bpm0r03Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 549795.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

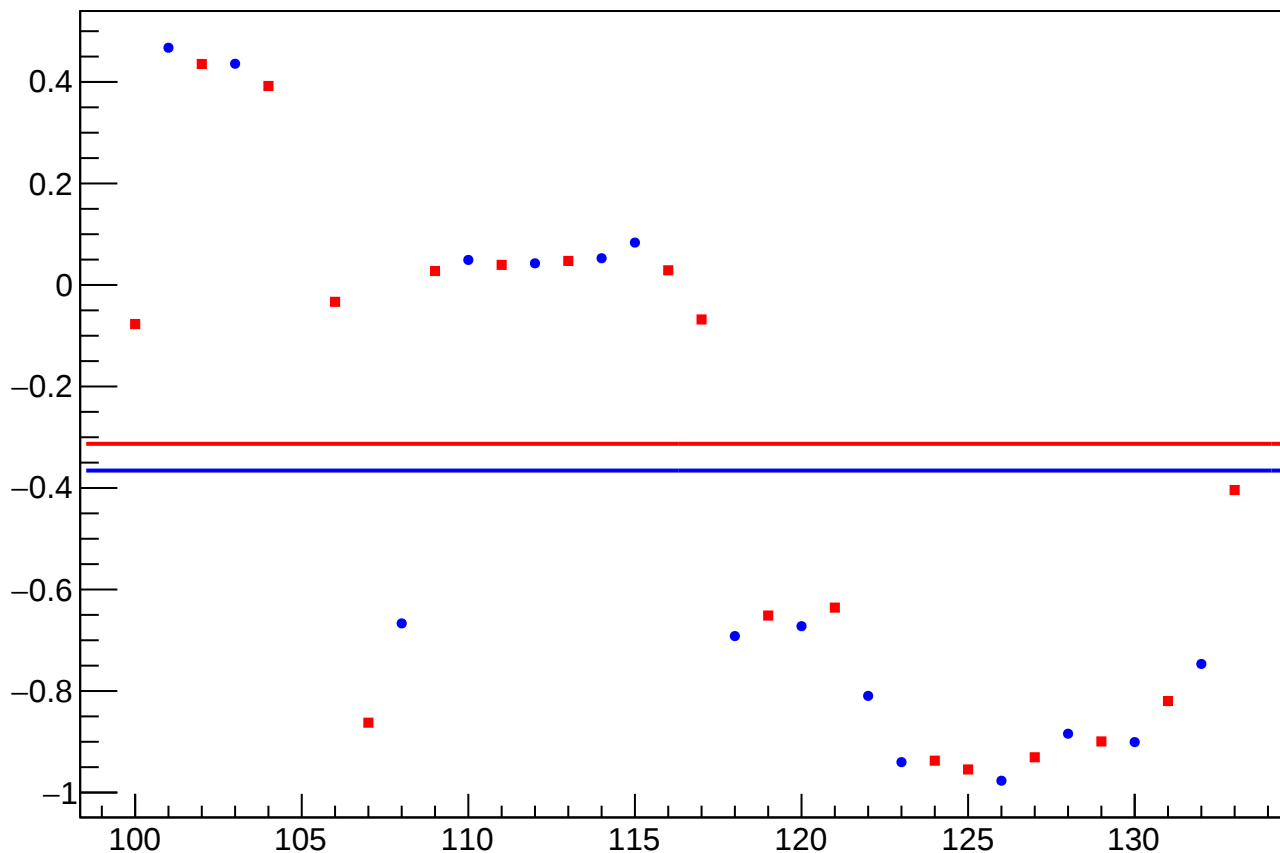
Right Out: 0.012+/-0.000 χ^2/NDF : 984351.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 549795.8/14

0.012+/-0.000 χ^2/NDF : 984351.3/17

yield_bpm0r05X_mean vs Slug



Right In: -0.366+/-0.000 χ^2/NDF : 210300464.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

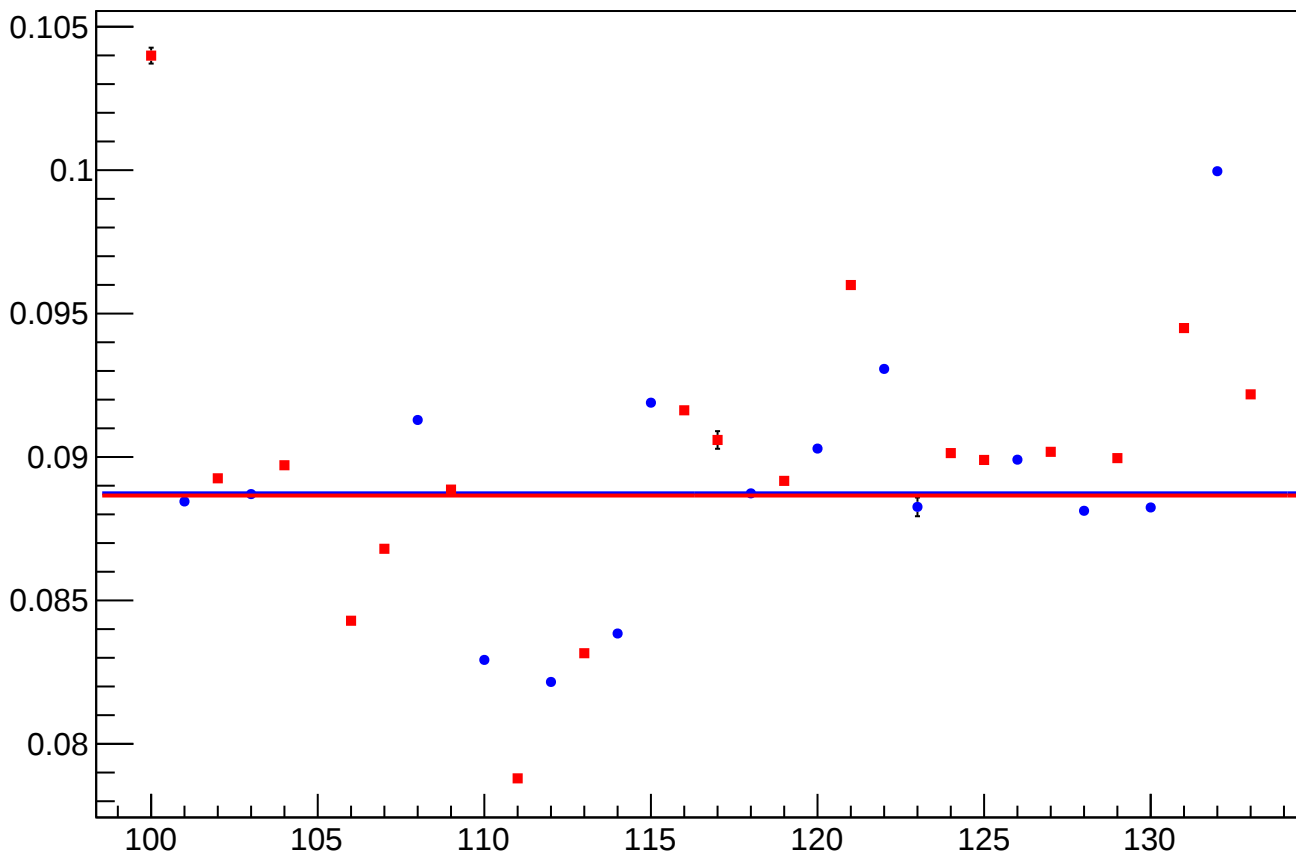
Right Out: -0.313+/-0.000 χ^2/NDF : 200275037.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.366+/-0.000 χ^2/NDF : 210300464.7/14

-0.313+/-0.000 χ^2/NDF : 200275037.4/17

yield_bpm0r05X_rms vs Slug



Right In: 0.089+/-0.000 χ^2/NDF : 23594.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

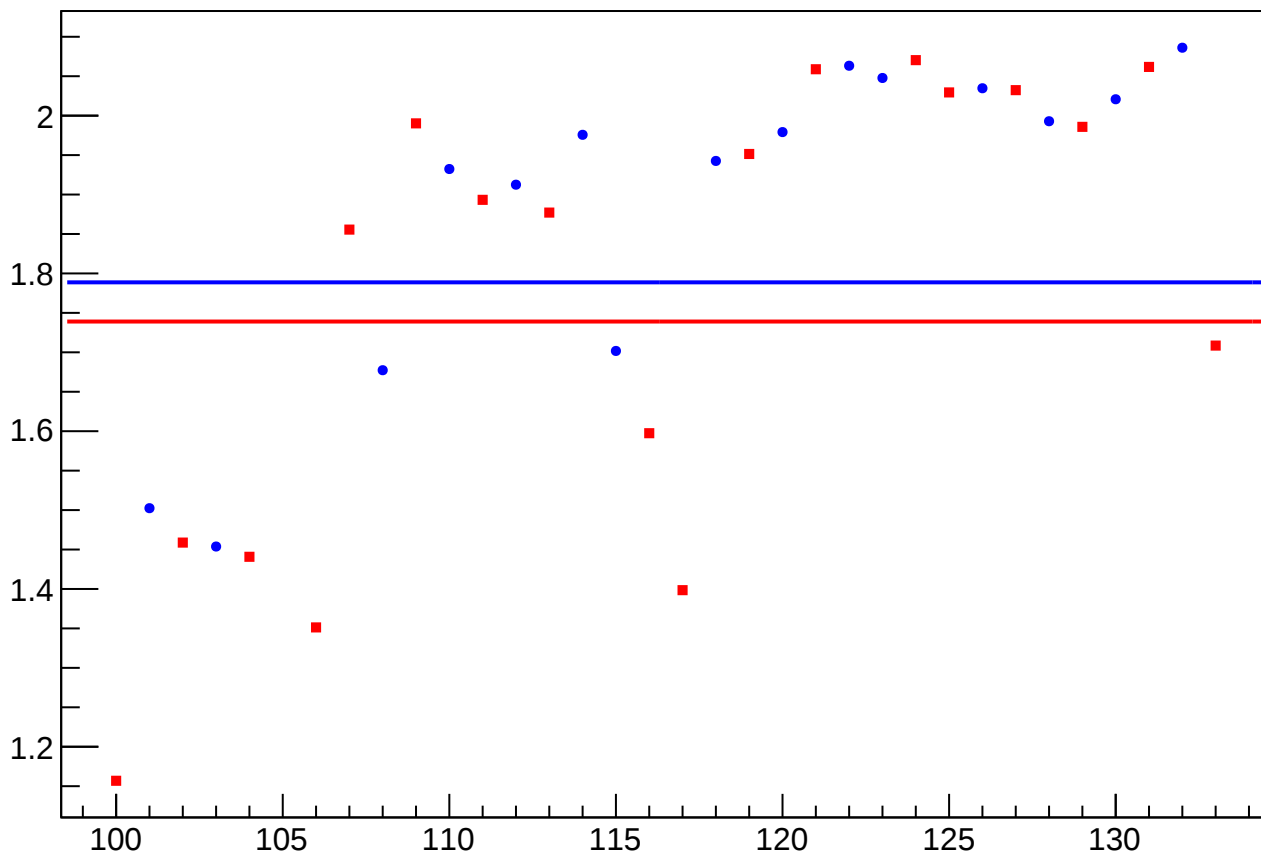
Right Out: 0.089+/-0.000 χ^2/NDF : 32512.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 23594.1/14

0.089+/-0.000 χ^2/NDF : 32512.7/17

yield_bpm0r05Y_mean vs Slug



Right In: 1.789+/-0.000 χ^2/NDF : 1119022570.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

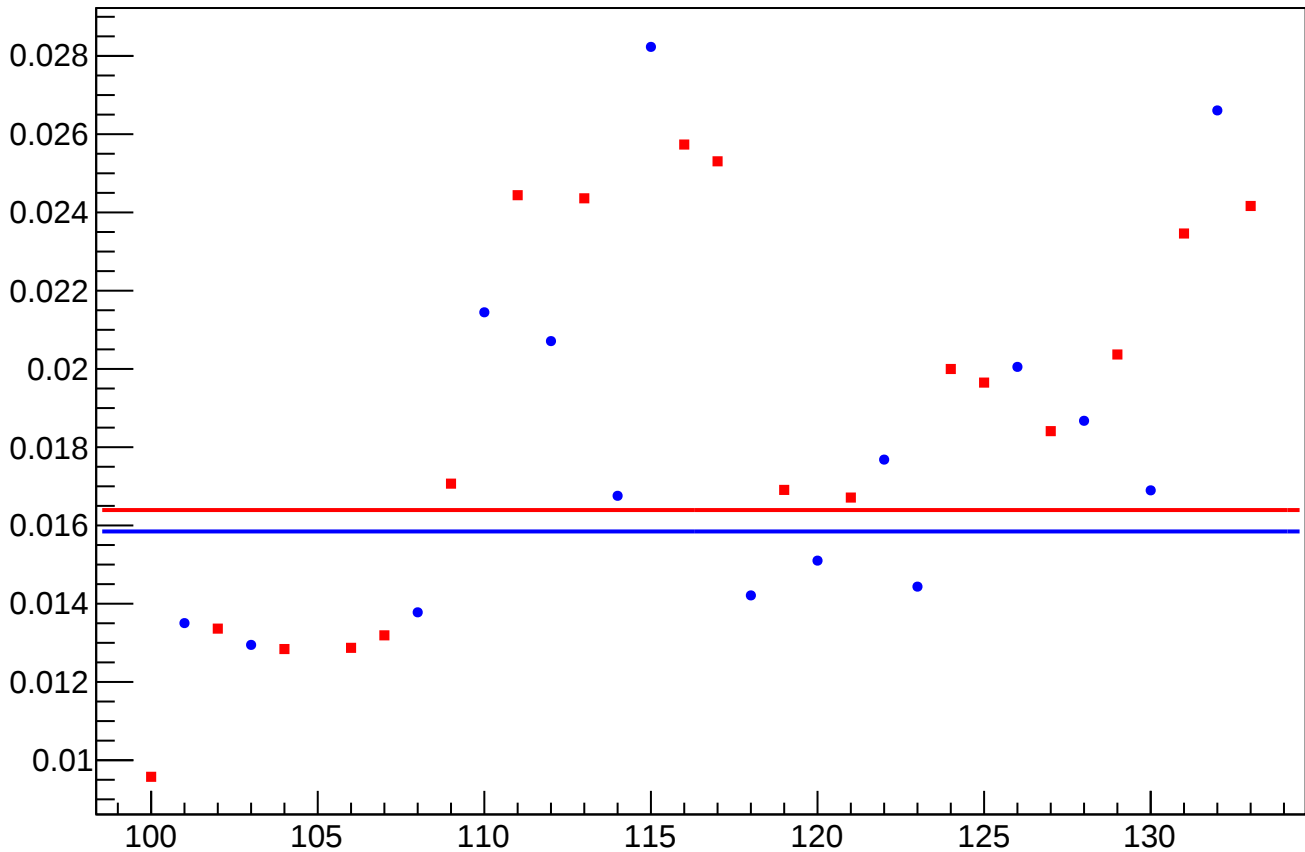
Right Out: 1.739+/-0.000 χ^2/NDF : 1611256340.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.789+/-0.000 χ^2/NDF : 1119022570.3/14

1.739+/-0.000 χ^2/NDF : 1611256340.9/17

yield_bpm0r05Y_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 404775.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

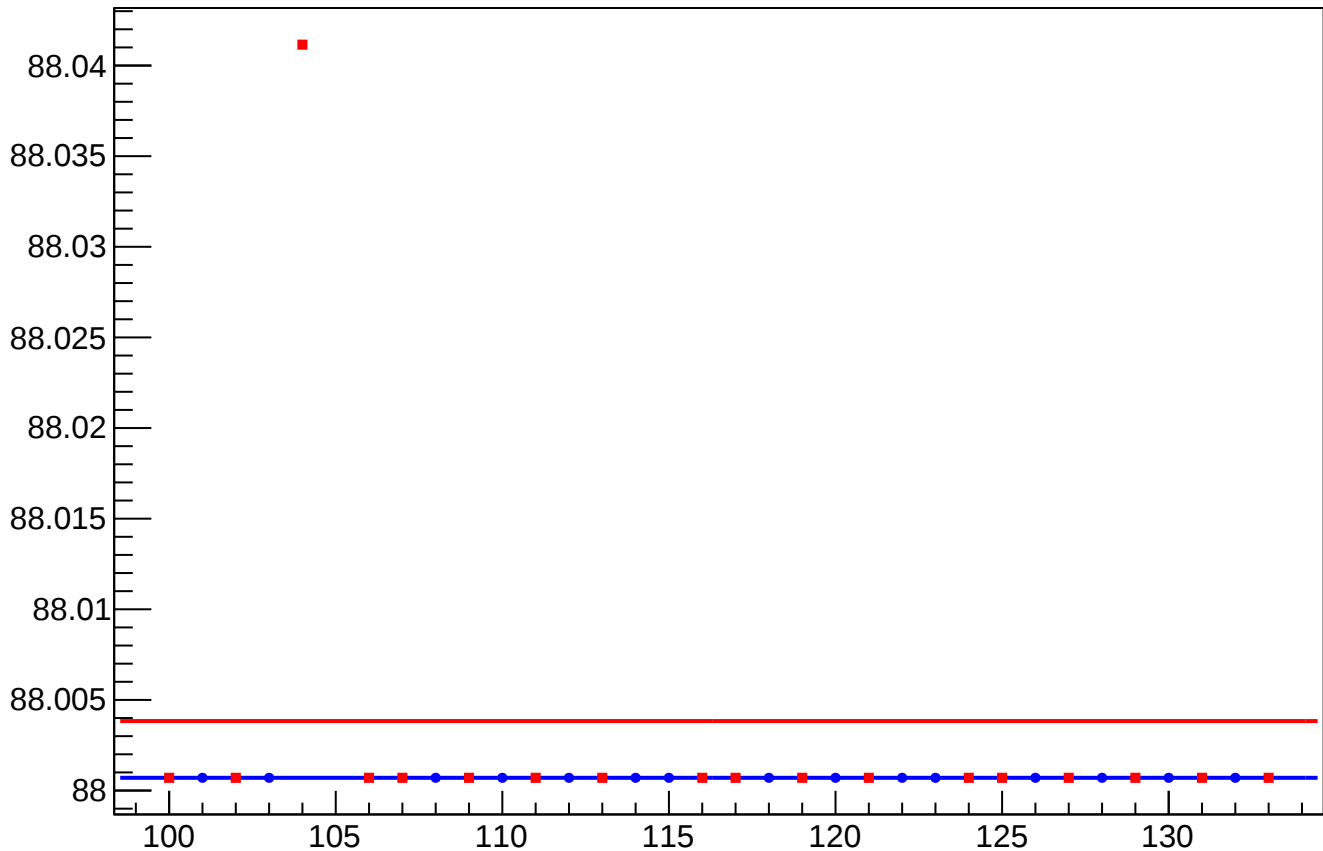
Right Out: 0.016+/-0.000 χ^2/NDF : 699217.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 404775.9/14

0.016+/-0.000 χ^2/NDF : 699217.5/17

epics_VWienAngles_mean vs Slug



Right In: 88.001+/-0.000 χ^2 /NDF: 1398290.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

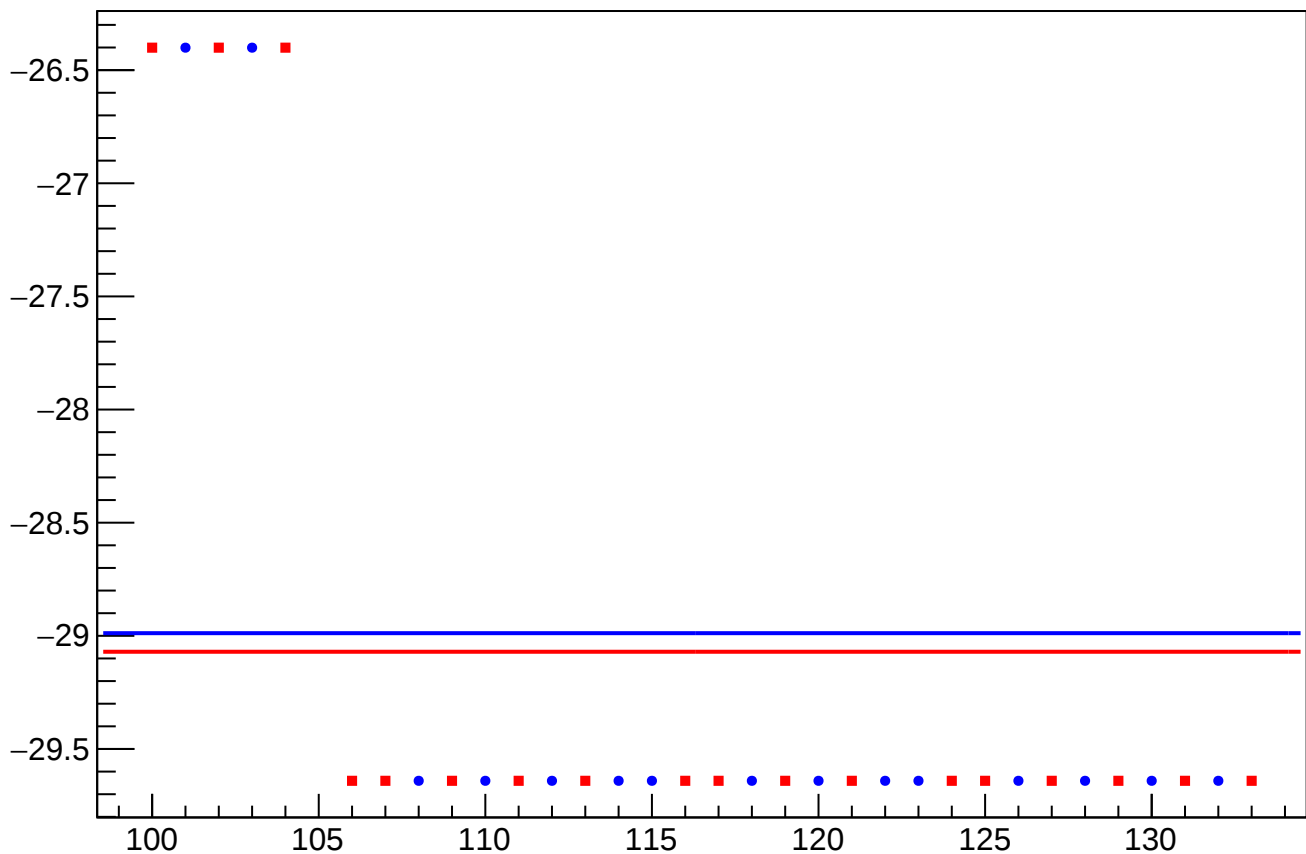
Right Out: 88.004+/-0.000 χ^2 /NDF: 76982434802793669402002718720.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

88.001+/-0.000 χ^2 /NDF: 1398290.7/14

88.004+/-0.000 χ^2 /NDF: 76982434802793669402002718720.0/17

epics_HWienAngles_mean vs Slug



Right In: -28.988+/-0.000 χ^2/NDF : 989282359044385142311445292122112.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

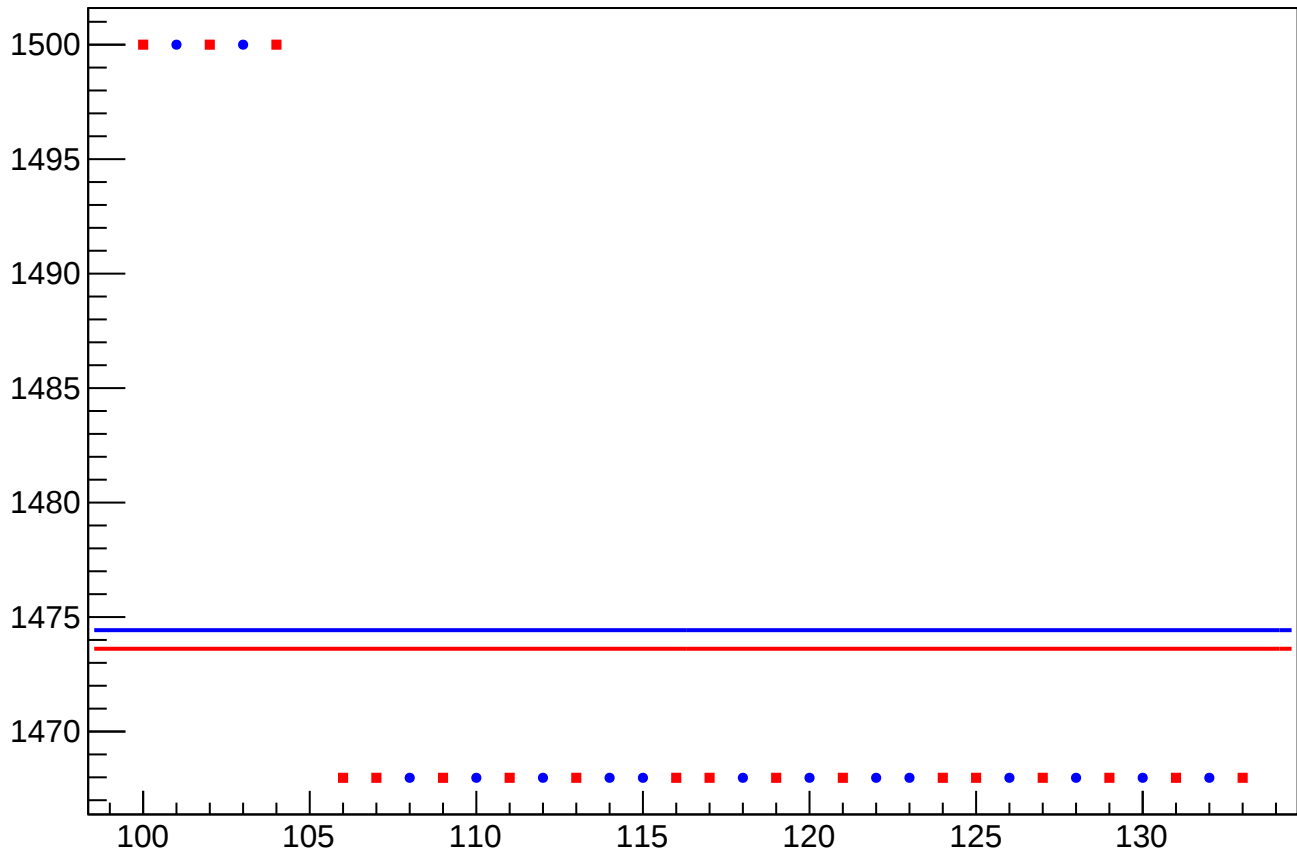
Right Out: -29.070+/-0.000 χ^2/NDF : 1003373033080433094931987568787456.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.988+/-0.000 χ^2/NDF : 98928235904438514

-29.070+/-0.000 χ^2/NDF : 10033730330804330

epics_psub_pl_poss_mean vs Slug



Right In: 1474.427+/-0.000 χ^2/NDF : 96629792124830669926177076181729280.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

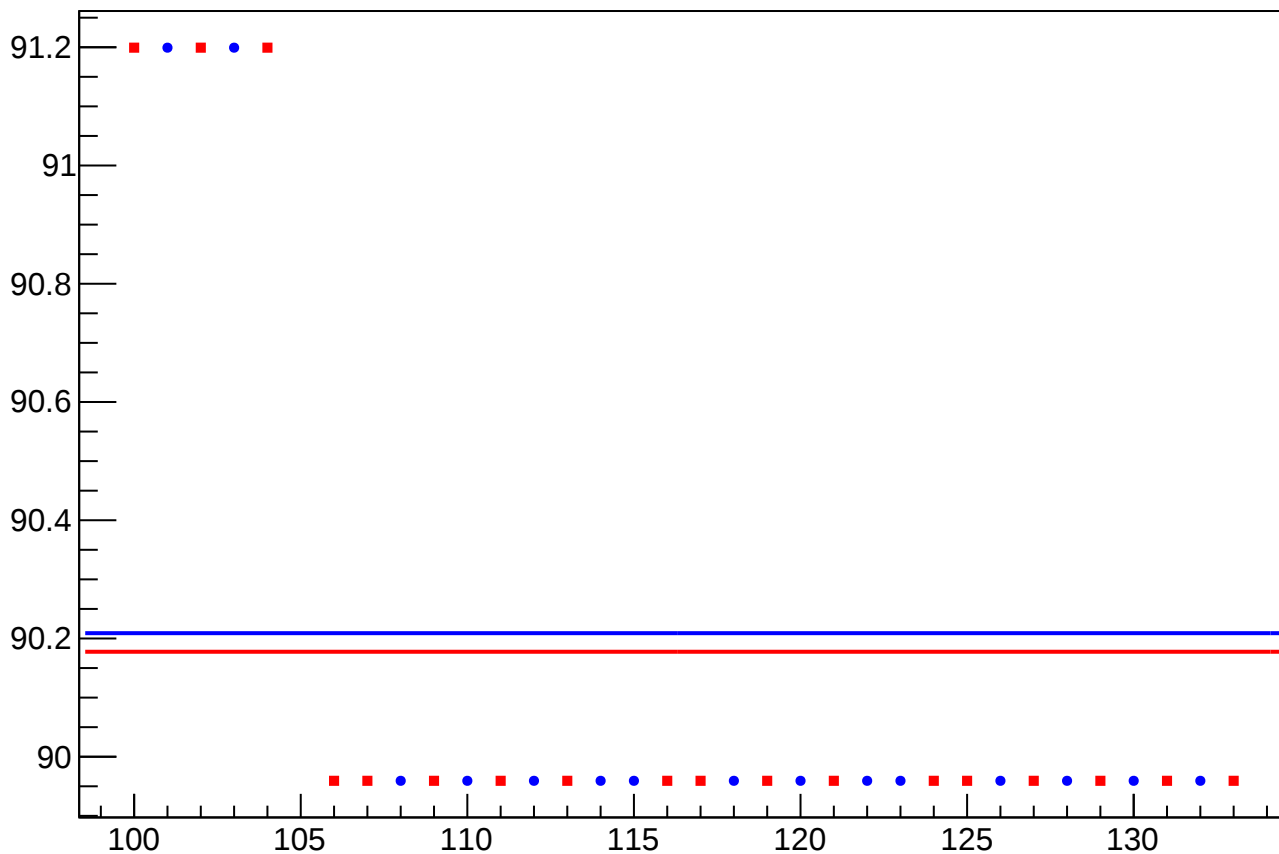
Right Out: 1473.616+/-0.000 χ^2/NDF : 98006122037678959003995917307084800.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1474.427+/-0.000 χ^2/NDF : 9662979212483066

1473.616+/-0.000 χ^2/NDF : 9800612203767895

epics_Phi_FGs_mean vs Slug



Right In: 90.209+/-0.000 χ^2/NDF : 144901744709924757042144684802048.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

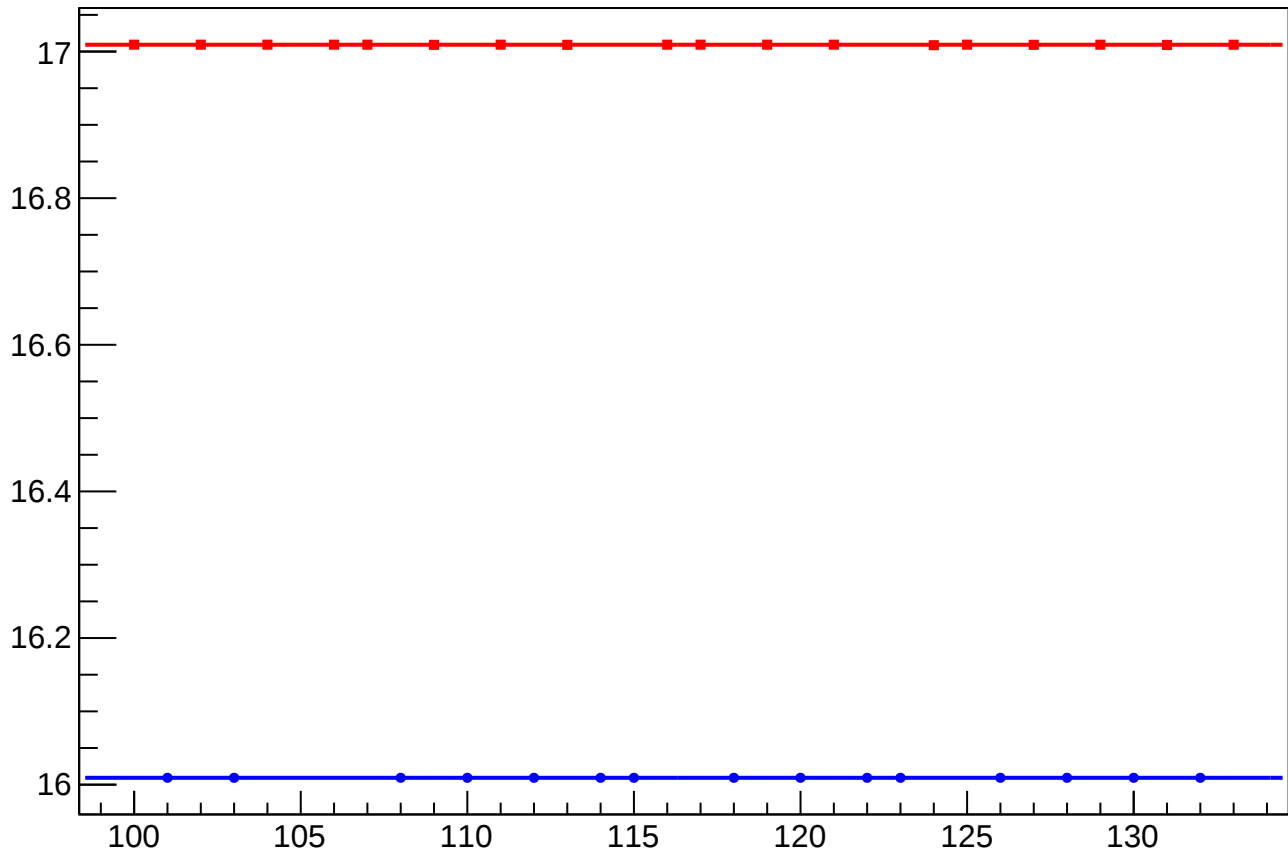
Right Out: 90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.209+/-0.000 χ^2/NDF : 144901744709924757042144684802048.0/14

90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

epics_IGL1I00DI24_24Ms_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF : 43179.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

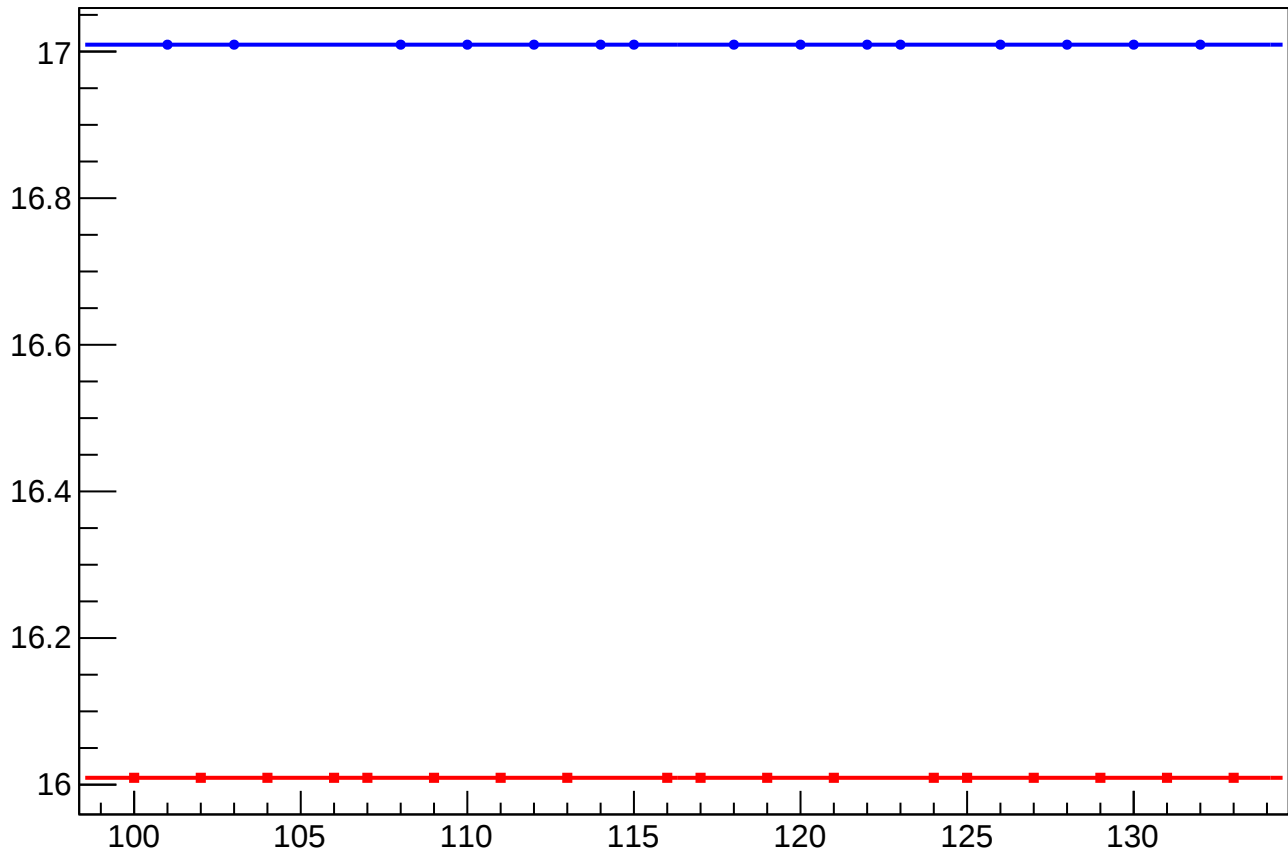
16.009+/-0.000 χ^2/NDF : 43179.1/14

Right Out: 17.009+/-0.000 χ^2/NDF : 12026206019273131642847232.0/17

17.009+/-0.000 χ^2/NDF : 120262060192731316

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 59347.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

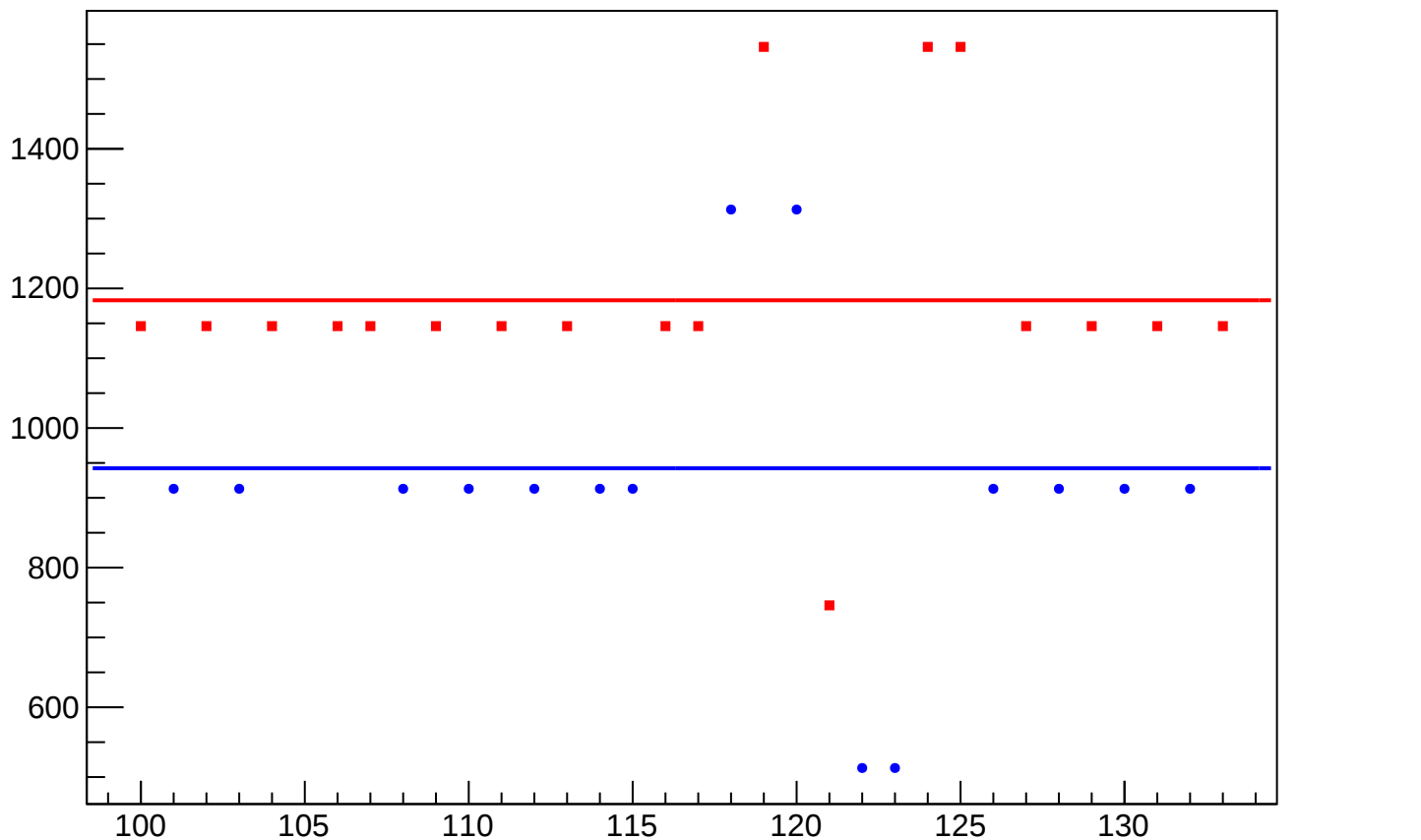
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 33510.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 59347.6/14

16.009 $\pm$ 0.000 χ^2 /NDF: 33510.8/17

epics_RTPAPOSUCNTs_mean vs Slug



Right In: 942.347+/-0.000 χ^2/NDF : 20776478049656831810730861572019716096.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

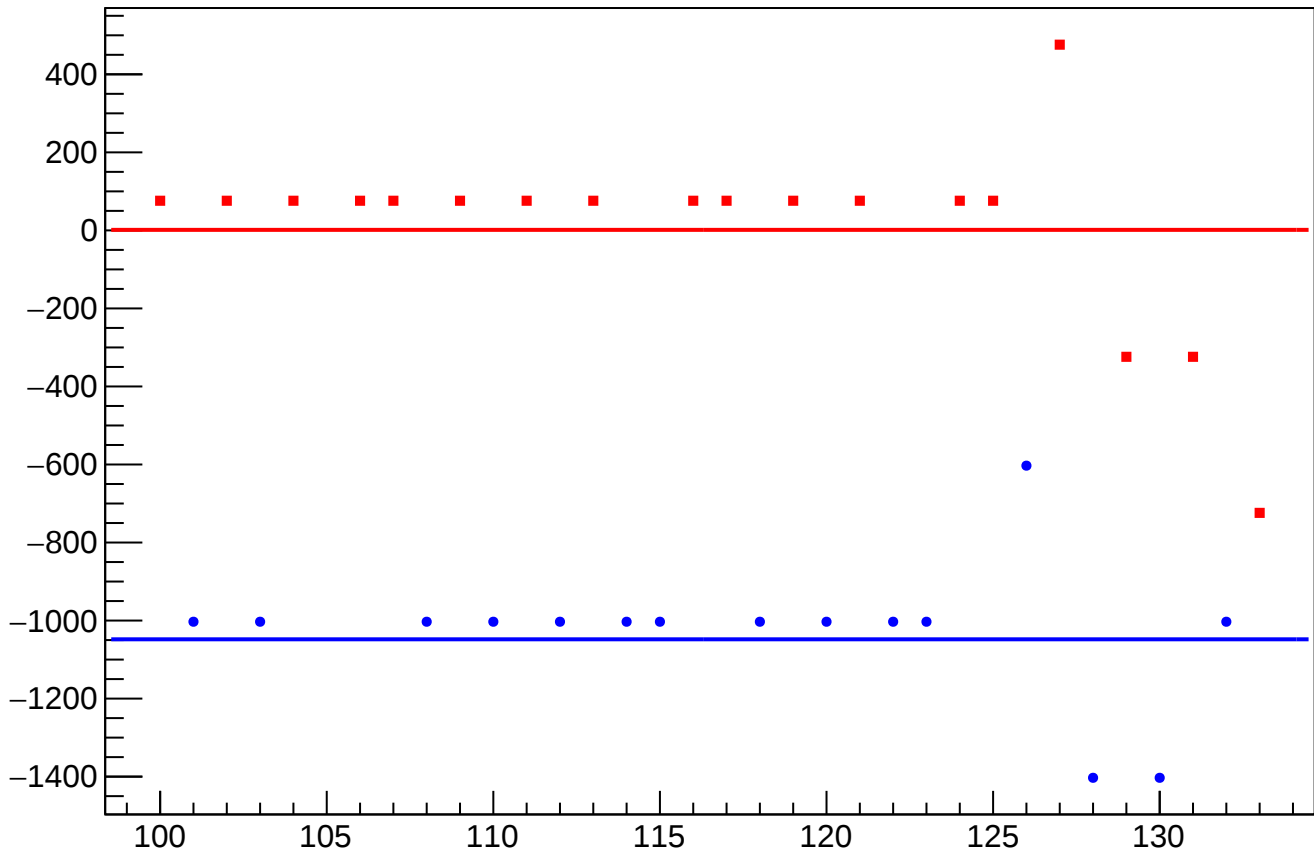
Right Out: 1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

942.347+/-0.000 χ^2/NDF : 20776478049656831810730861572019716096.0/14

1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

epics_RTPAPOSVCNTs_mean vs Slug



Right In: -1048.040+/-0.000 χ^2/NDF : 22490329114210011574081343040515997696.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.351+/-0.000 χ^2/NDF : 43526407256001563627929232834855698432.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1048.040+/-0.000 χ^2/NDF : 224903291142100

1.351+/-0.000 χ^2/NDF : 4352640725600156362