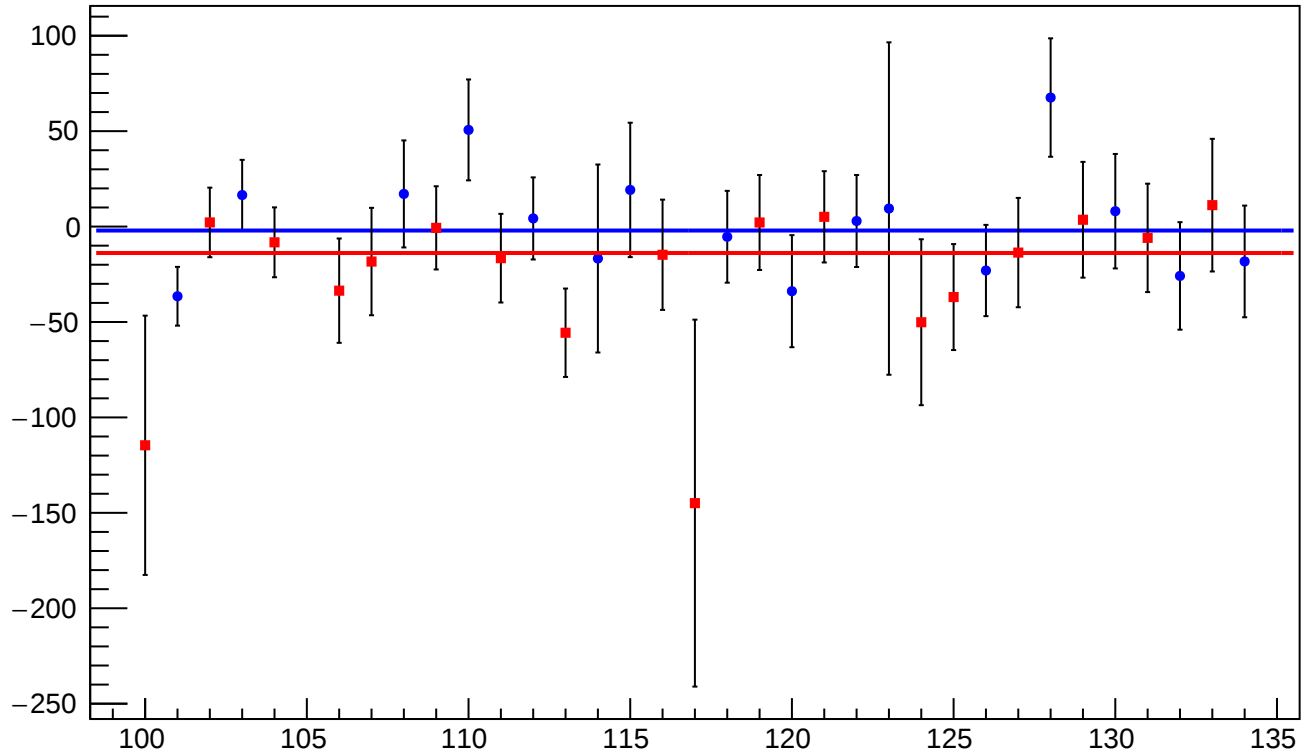


diff_bpm4aX_mean vs Slug



Right In: -2.075+/-6.414

χ^2/NDF : 19.2/15

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

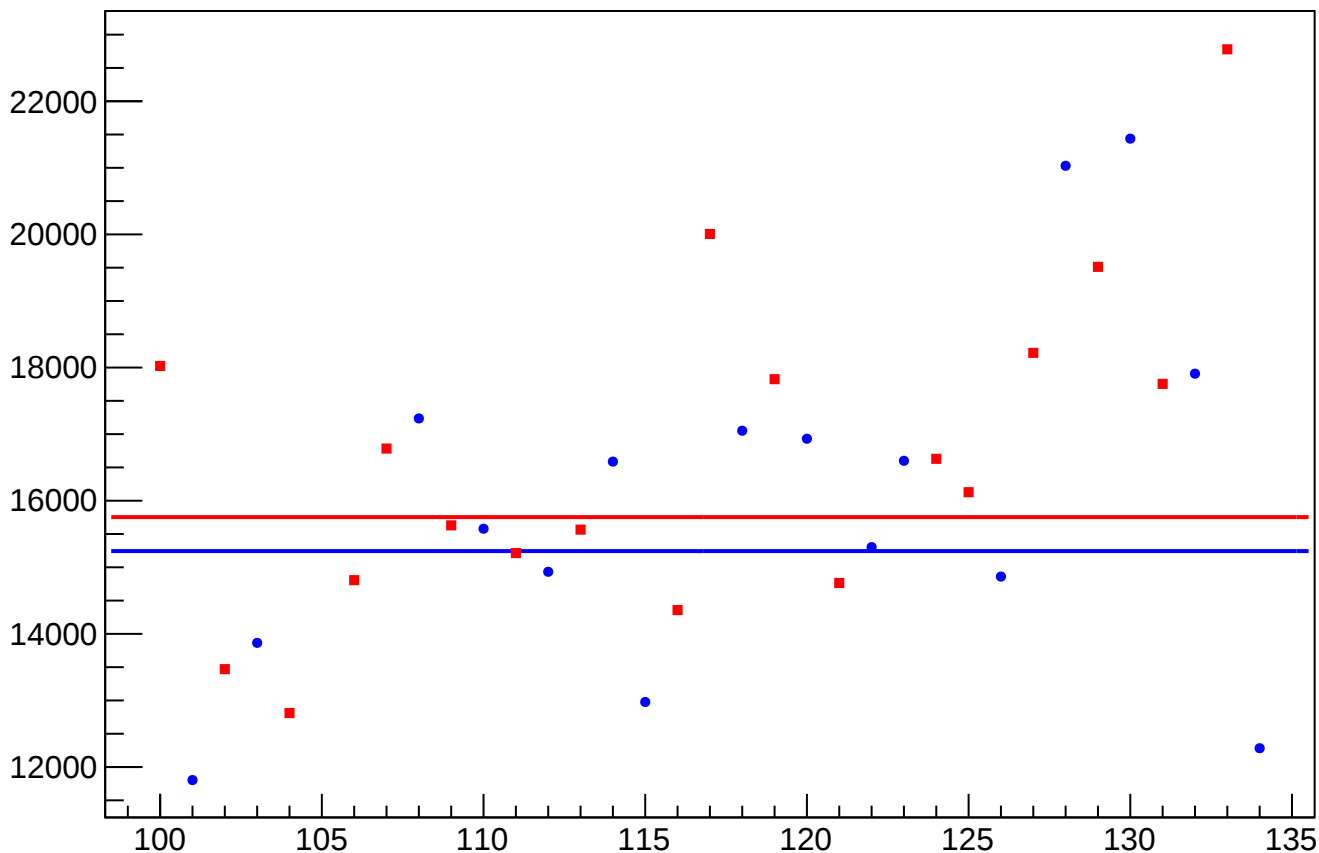
-2.075+/-6.414

χ^2/NDF : 19.2/15

-13.843+/-6.262

χ^2/NDF : 12.5/17

diff_bpm4aX_rms vs Slug



Right In: 15243.443+/-4.535 χ^2/NDF : 343702.7/15

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

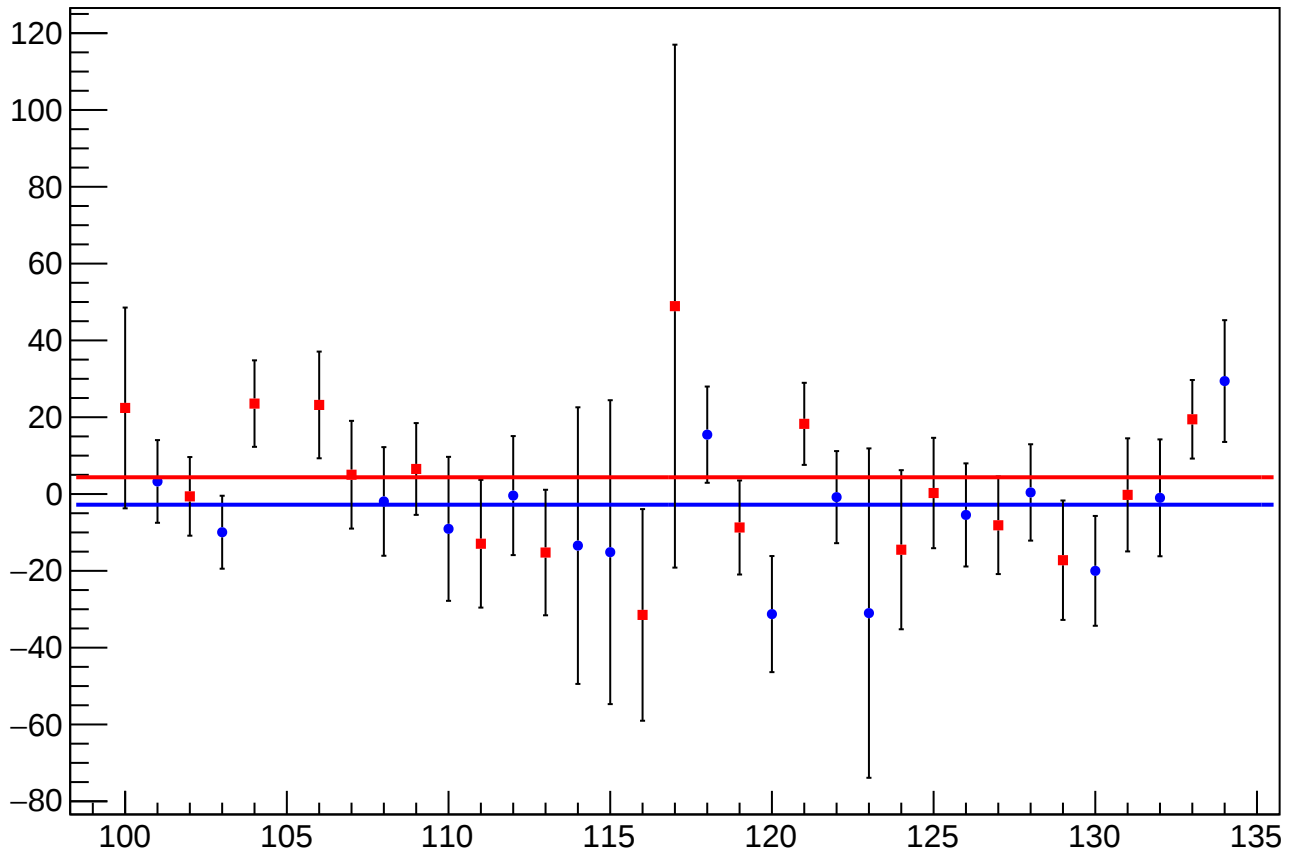
Right Out: 15754.045+/-4.428 χ^2/NDF : 255919.2/17

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

15243.443+/-4.535 χ^2/NDF : 343702.7/15

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

diff_bpm4aY_mean vs Slug



Right In: -2.779+/-3.616 χ^2/NDF : 13.0/15

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

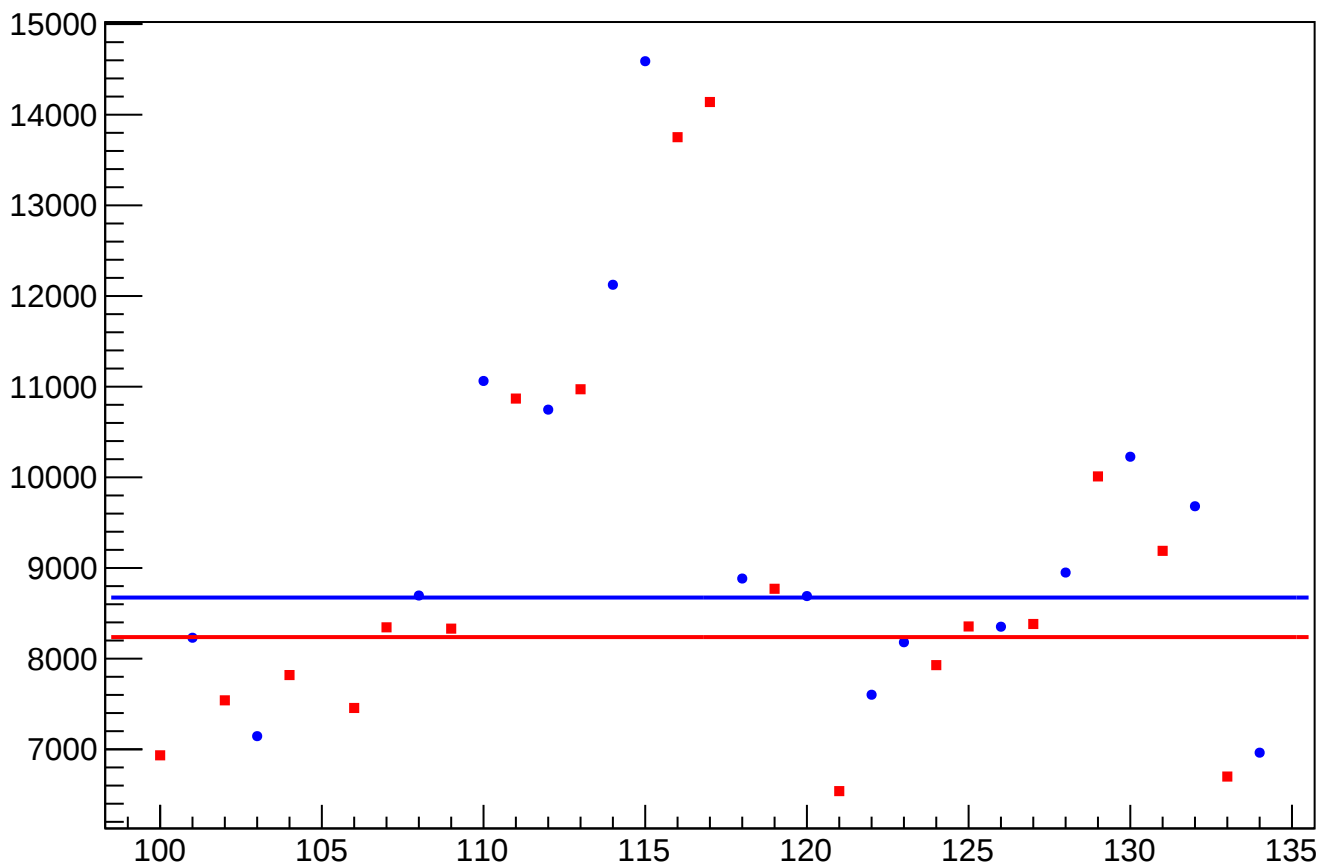
Right Out: 4.365+/-3.294 χ^2/NDF : 19.0/17

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

-2.779+/-3.616 χ^2/NDF : 13.0/15

4.365+/-3.294 χ^2/NDF : 19.0/17

diff_bpm4aY_rms vs Slug



Right In: 8674.072 $\pm$ 2.557 χ^2 /NDF: 261120.3/15

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

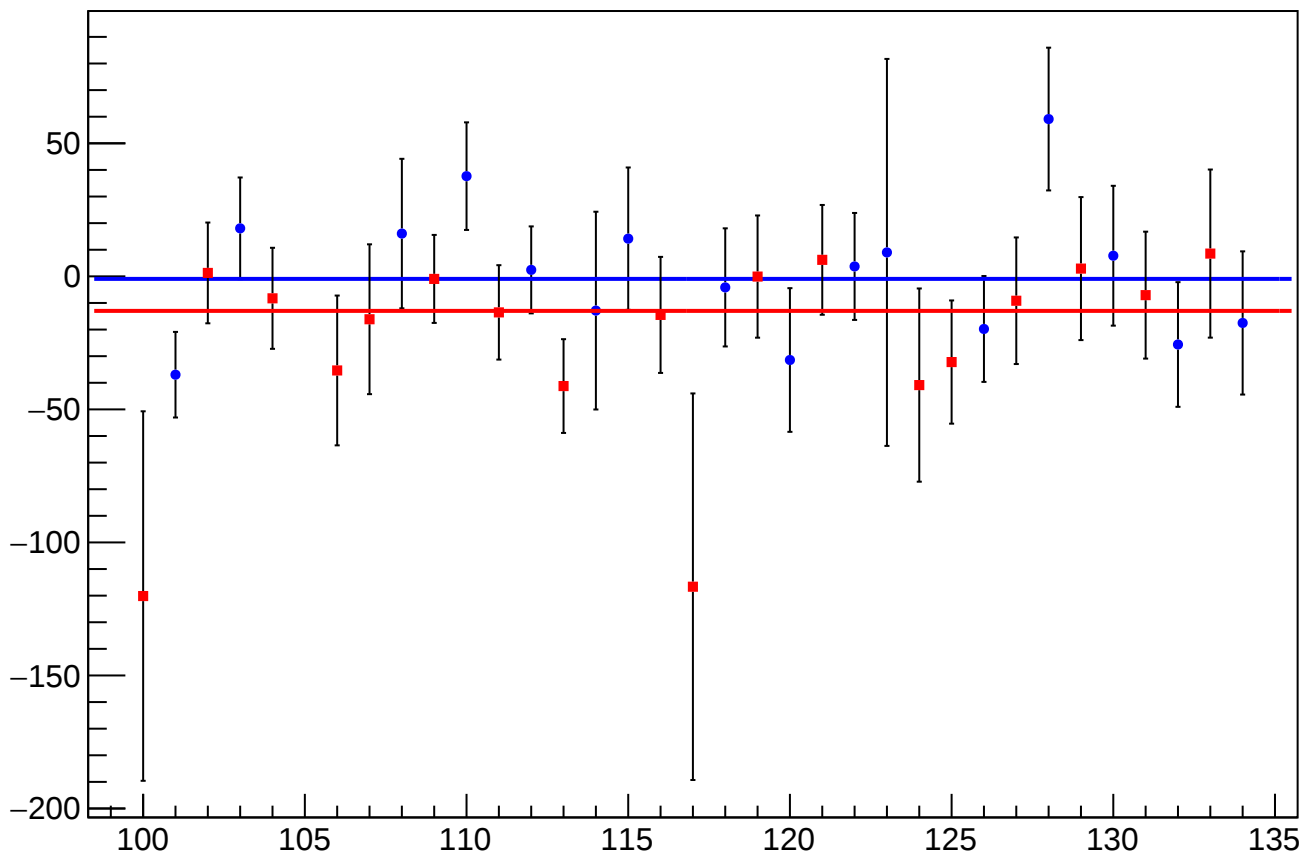
Right Out: 8237.869 $\pm$ 2.329 χ^2 /NDF: 359524.3/17

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

8674.072 $\pm$ 2.557 χ^2 /NDF: 261120.3/15

8237.869 $\pm$ 2.329 χ^2 /NDF: 359524.3/17

diff_bpm4eX_mean vs Slug



Right In: -0.952+/-5.697 χ^2 /NDF: 19.4/15

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

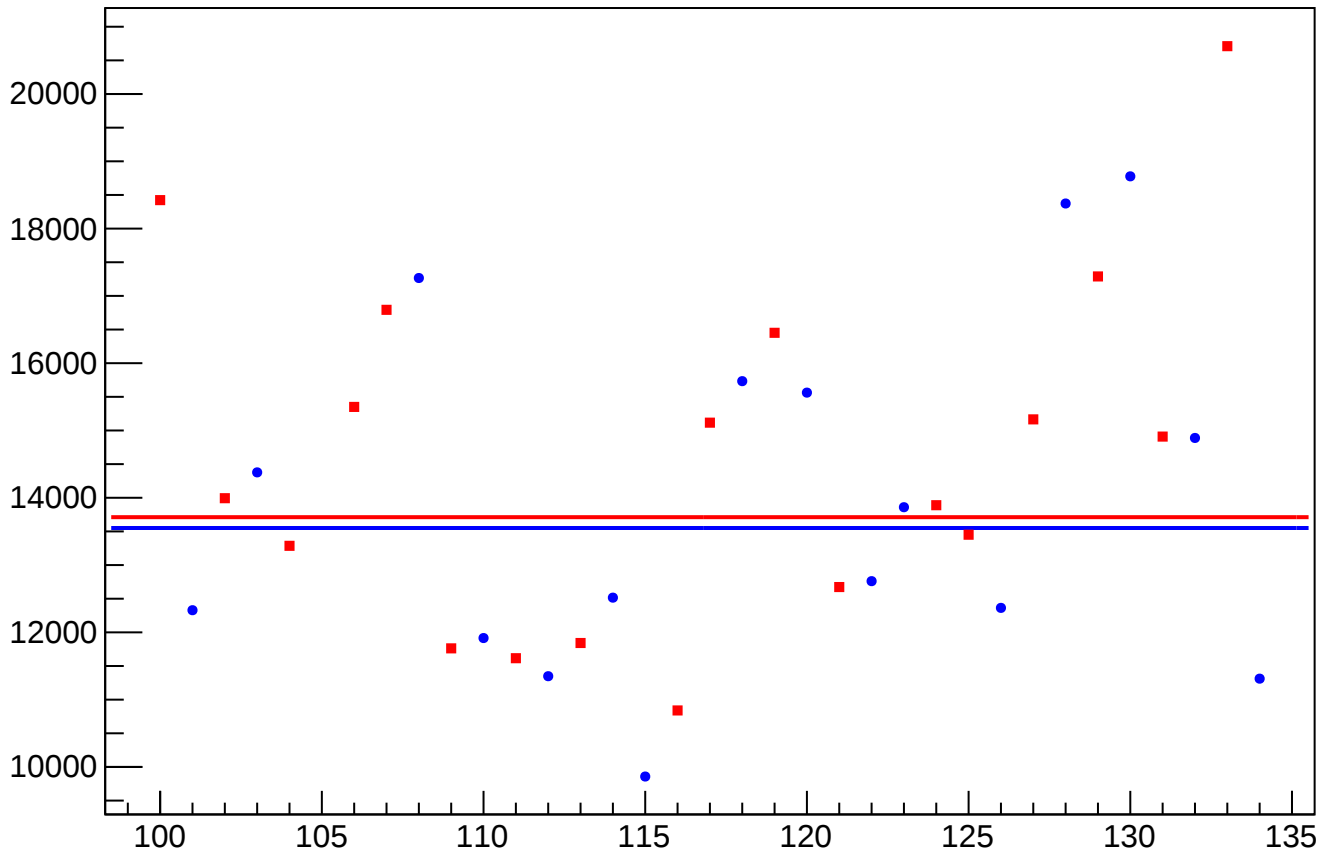
Right Out: -12.979+/-5.470 χ^2 /NDF: 12.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.952+/-5.697 χ^2 /NDF: 19.4/15

-12.979+/-5.470 χ^2 /NDF: 12.2/17

diff_bpm4eX_rms vs Slug



Right In: 13550.850+/-4.028 χ^2/NDF : 344079.9/15

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

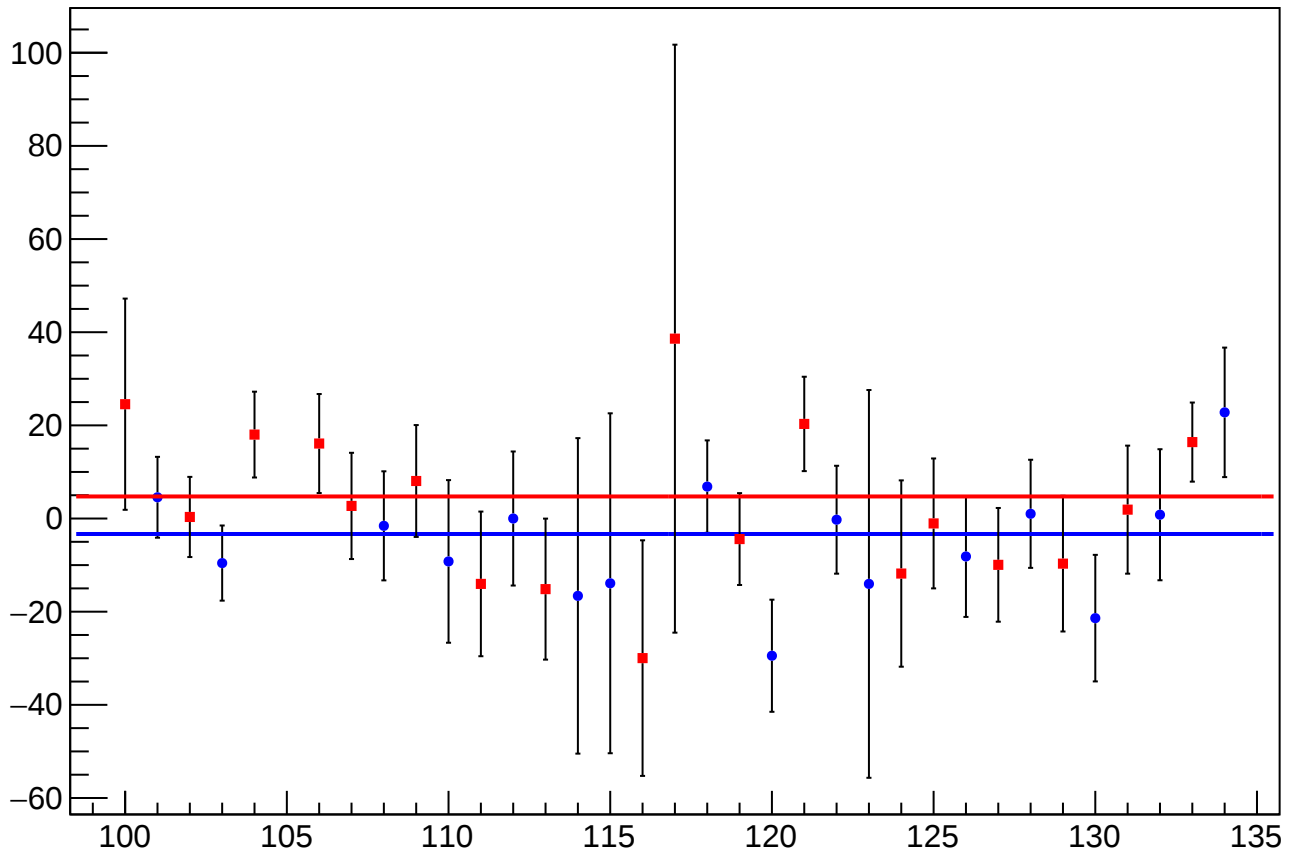
13550.850+/-4.028 χ^2/NDF : 344079.9/15

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: -3.322+/-3.166 χ^2/NDF : 13.4/15

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

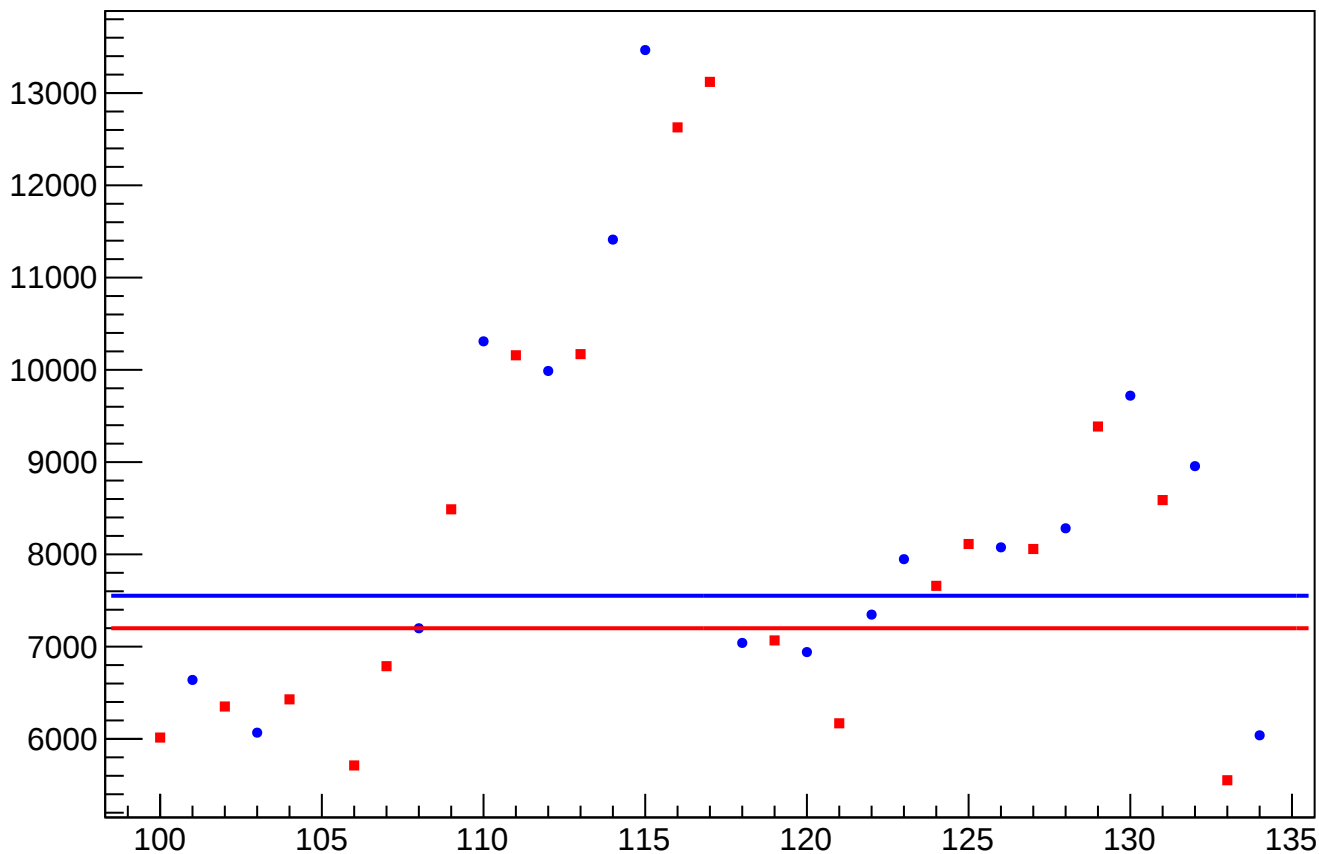
Right Out: 4.738+/-2.895 χ^2/NDF : 18.2/17

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

-3.322+/-3.166 χ^2/NDF : 13.4/15

4.738+/-2.895 χ^2/NDF : 18.2/17

diff_bpm4eY_rms vs Slug



Right In: 7551.462 $\pm$ 2.239 χ^2 /NDF: 394408.2/15

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

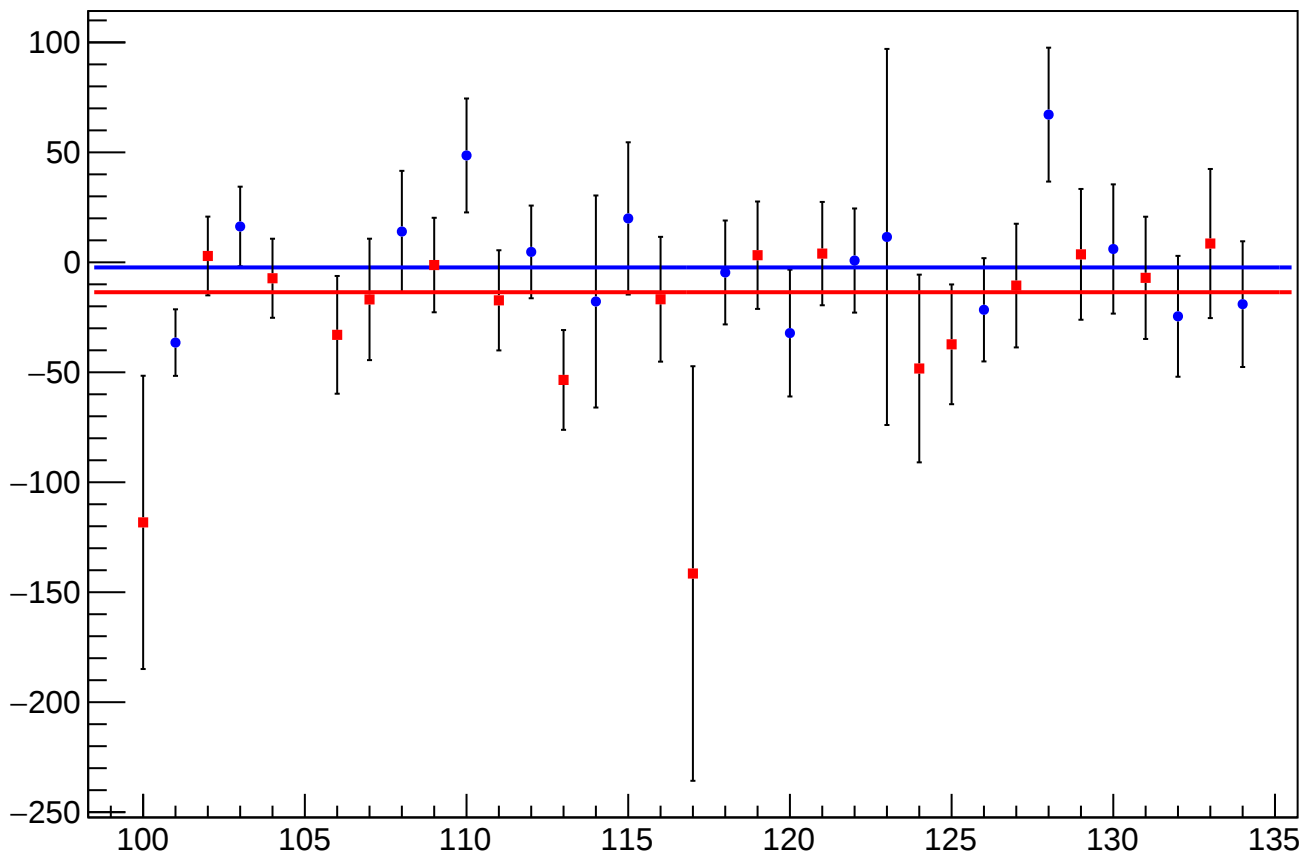
Right Out: 7199.345 $\pm$ 2.047 χ^2 /NDF: 544457.1/17

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

7551.462 $\pm$ 2.239 χ^2 /NDF: 394408.2/15

7199.345 $\pm$ 2.047 χ^2 /NDF: 544457.1/17

diff_bpm4acX_mean vs Slug



Right In: -2.317+/-6.292 χ^2 /NDF: 19.1/15

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

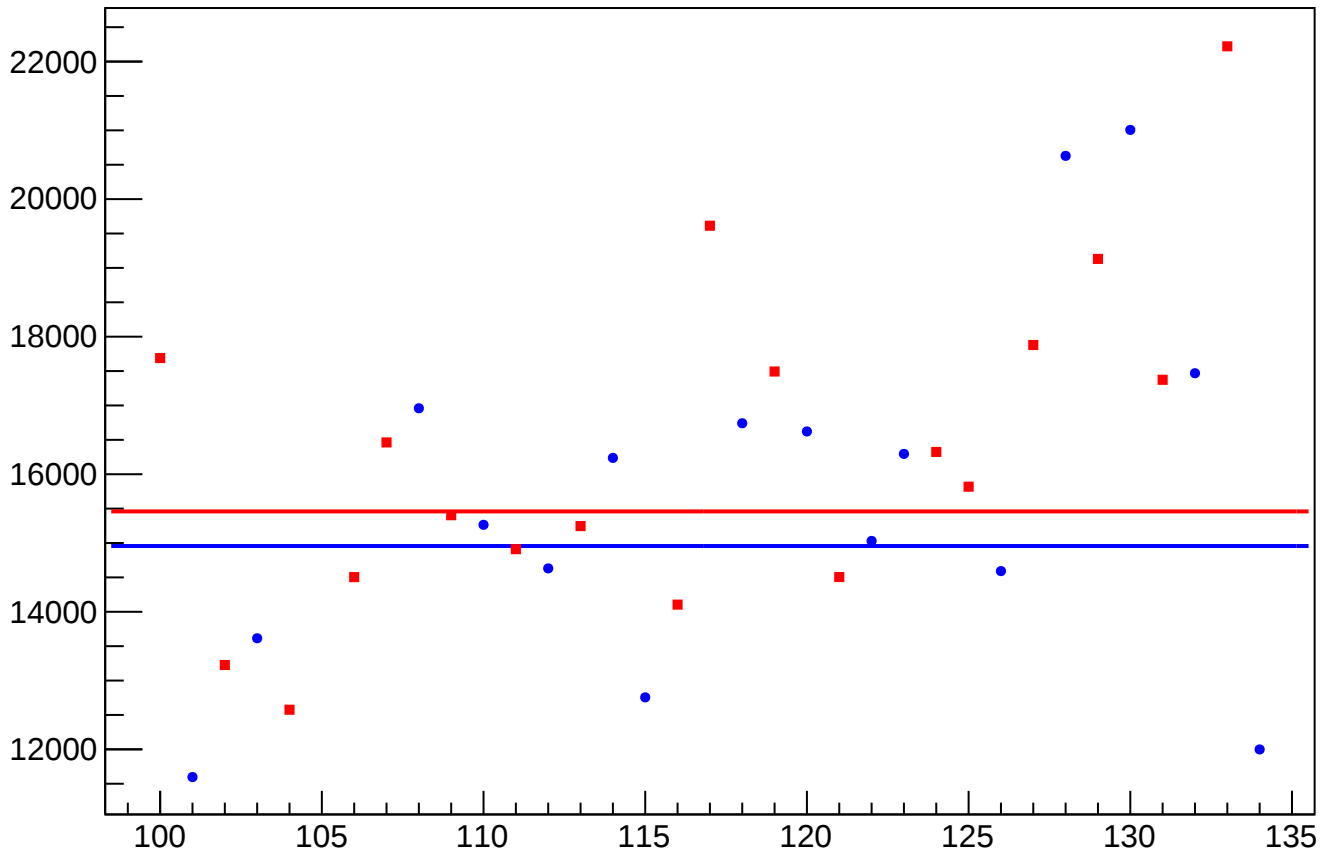
Right Out: -13.590+/-6.144 χ^2 /NDF: 12.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.317+/-6.292 χ^2 /NDF: 19.1/15

-13.590+/-6.144 χ^2 /NDF: 12.6/17

diff_bpm4acX_rms vs Slug



Right In: 14956.073+/-4.449 χ^2/NDF : 341800.9/15

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

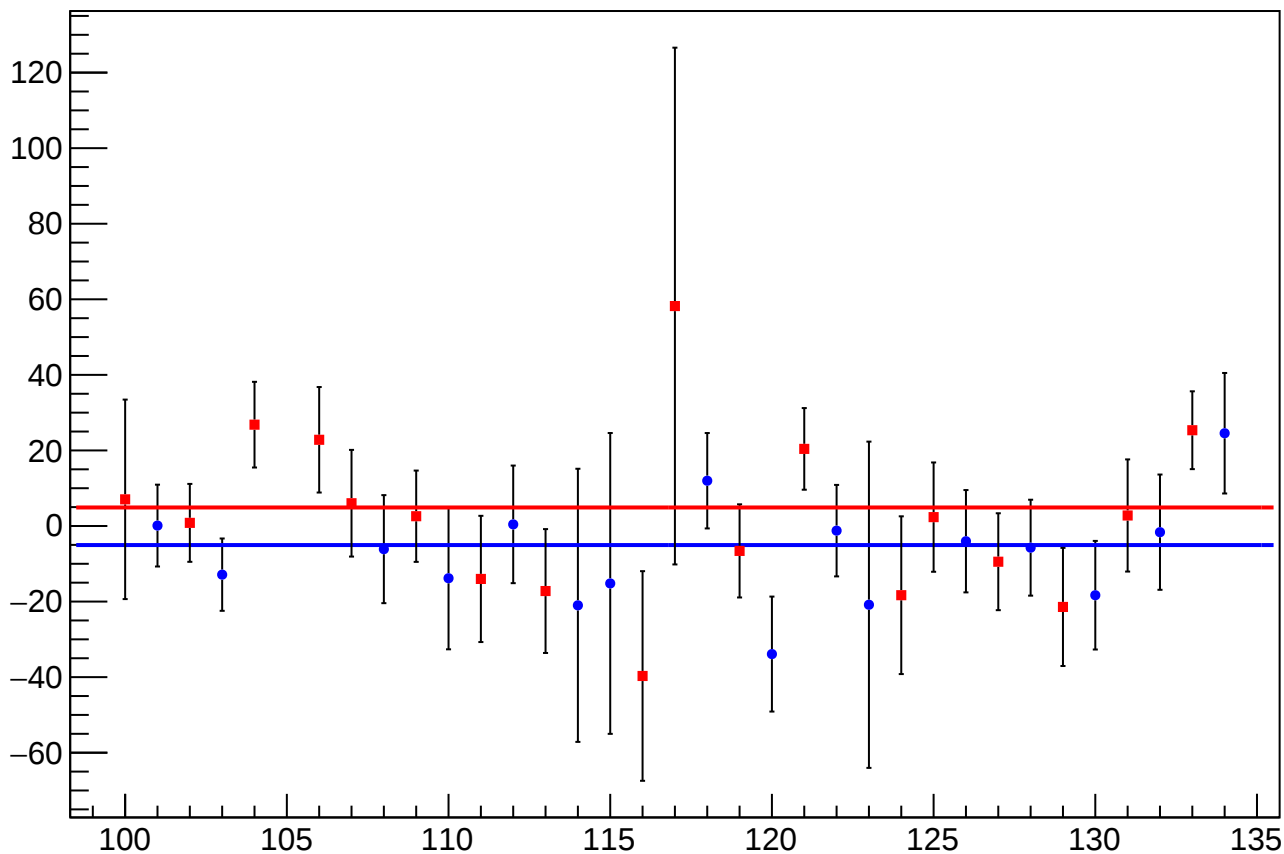
14956.073+/-4.449 χ^2/NDF : 341800.9/15

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: -5.043+/-3.643 χ^2 /NDF: 11.5/15

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

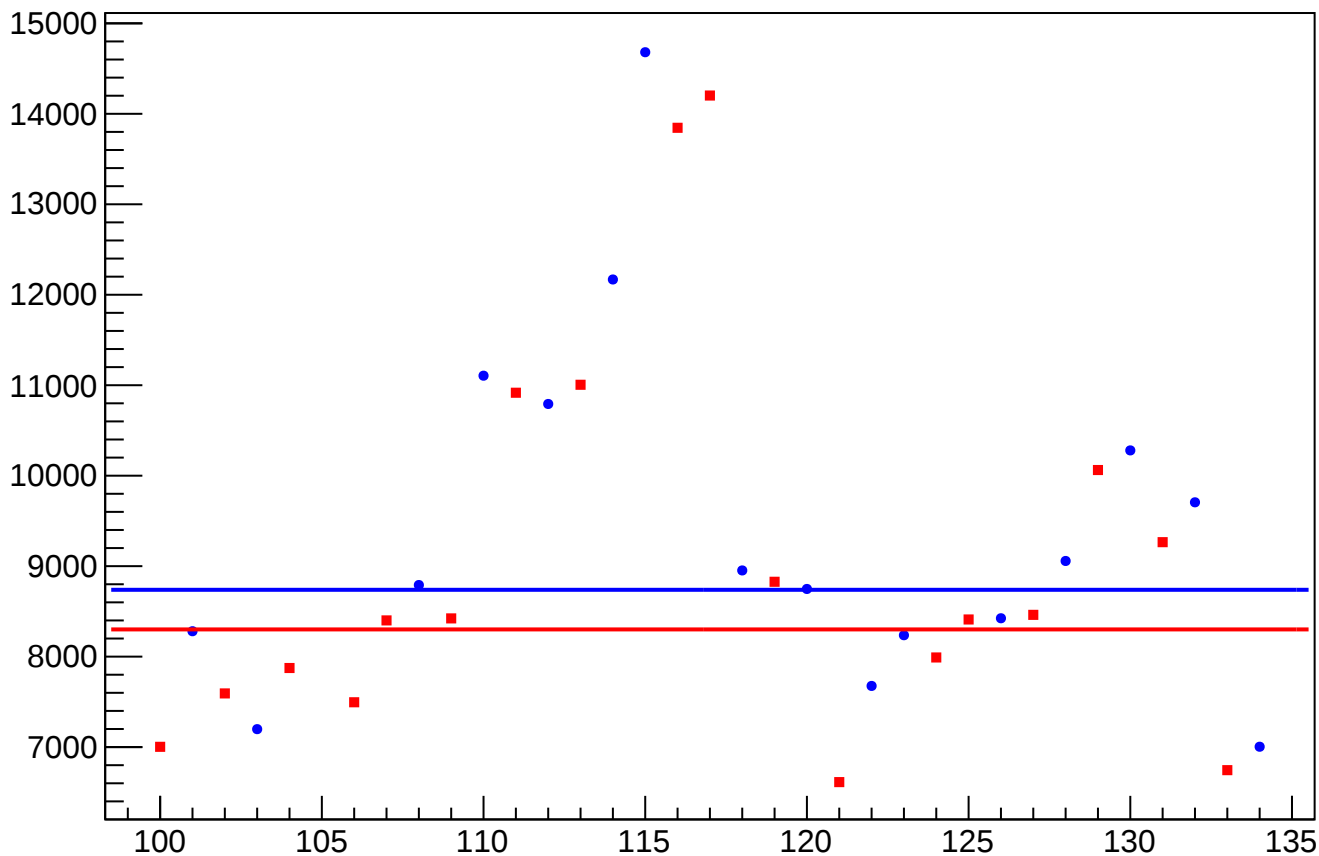
Right Out: 4.904+/-3.319 χ^2 /NDF: 24.1/17

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

-5.043+/-3.643 χ^2 /NDF: 11.5/15

4.904+/-3.319 χ^2 /NDF: 24.1/17

diff_bpm4acY_rms vs Slug



Right In: 8738.686 $\pm$ 2.576 χ^2 /NDF: 257718.0/15

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

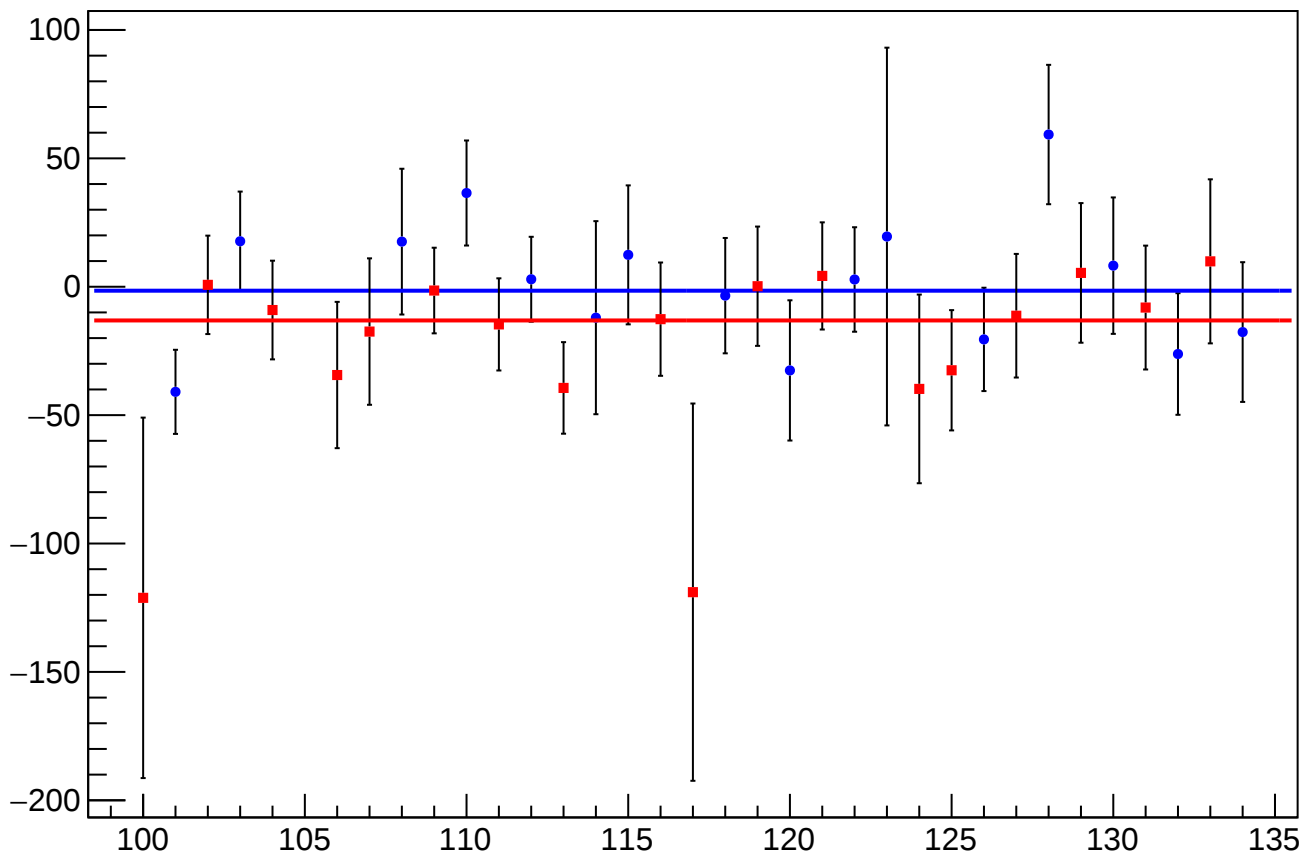
Right Out: 8300.765 $\pm$ 2.347 χ^2 /NDF: 355150.2/17

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

8738.686 $\pm$ 2.576 χ^2 /NDF: 257718.0/15

8300.765 $\pm$ 2.347 χ^2 /NDF: 355150.2/17

diff_bpm4ecX_mean vs Slug



Right In: -1.539+/-5.767 χ^2 /NDF: 20.0/15

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

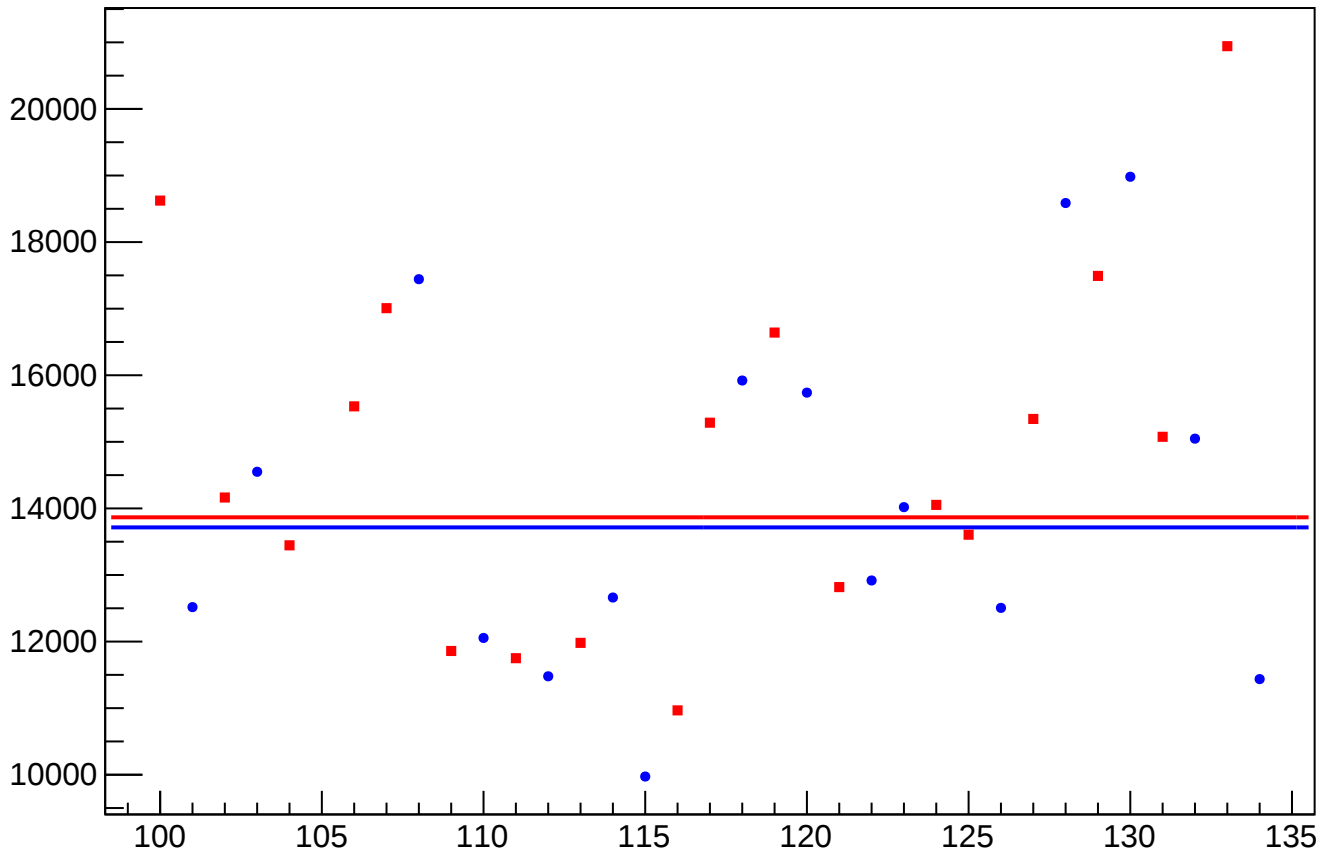
Right Out: -13.127+/-5.532 χ^2 /NDF: 11.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.539+/-5.767 χ^2 /NDF: 20.0/15

-13.127+/-5.532 χ^2 /NDF: 11.5/17

diff_bpm4ecX_rms vs Slug



Right In: 13715.025+/-4.078 χ^2/NDF : 342506.6/15

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

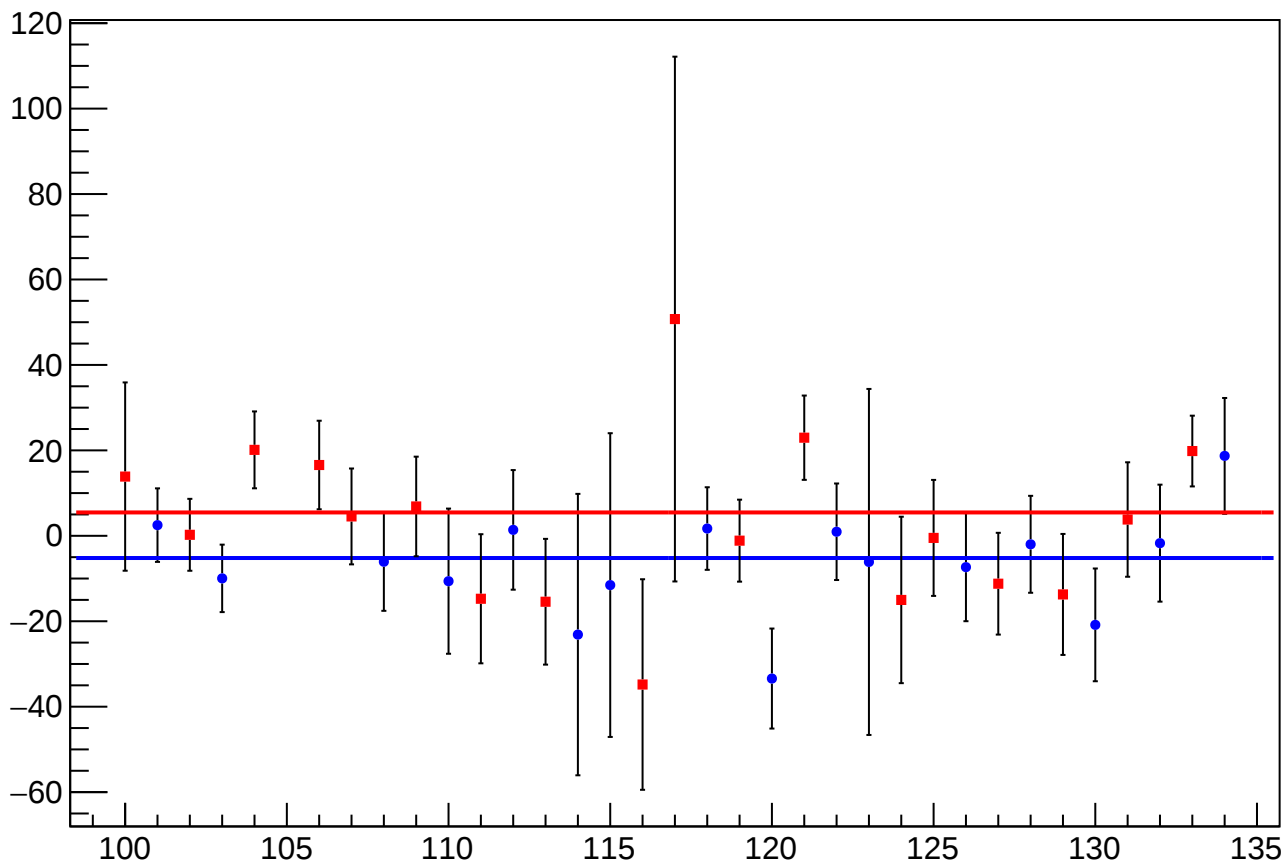
13715.025+/-4.078 χ^2/NDF : 342506.6/15

Right Out: 13866.425+/-3.912 χ^2/NDF : 336330.7/17

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

13866.425+/-3.912 χ^2/NDF : 336330.7/17

diff_bpm4ecY_mean vs Slug



Right In: -5.197+/-3.095 χ^2/NDF : 13.1/15

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

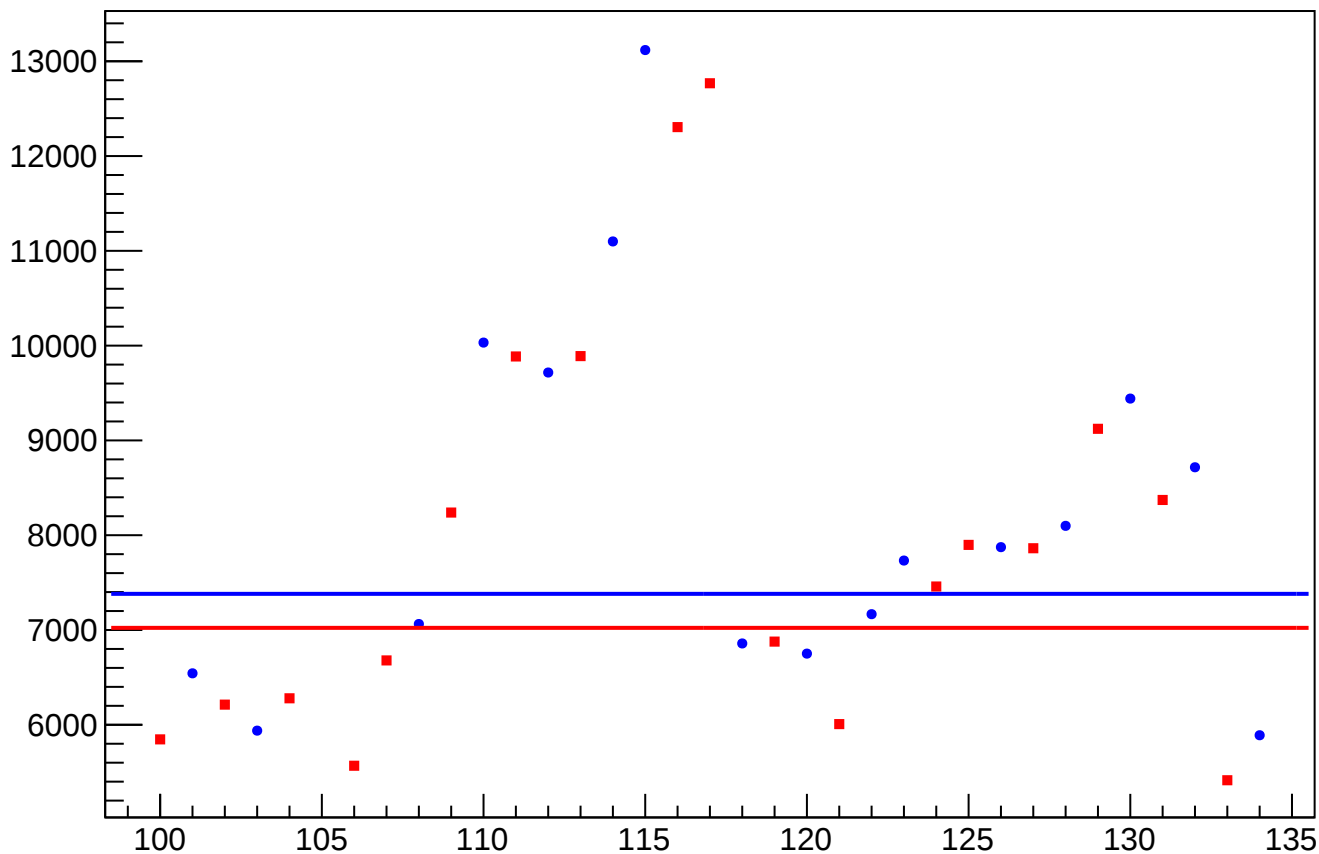
Right Out: 5.469+/-2.824 χ^2/NDF : 23.1/17

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

-5.197+/-3.095 χ^2/NDF : 13.1/15

5.469+/-2.824 χ^2/NDF : 23.1/17

diff_bpm4ecY_rms vs Slug



Right In: 7381.331+/-2.189 χ^2/NDF : 384779.6/15

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

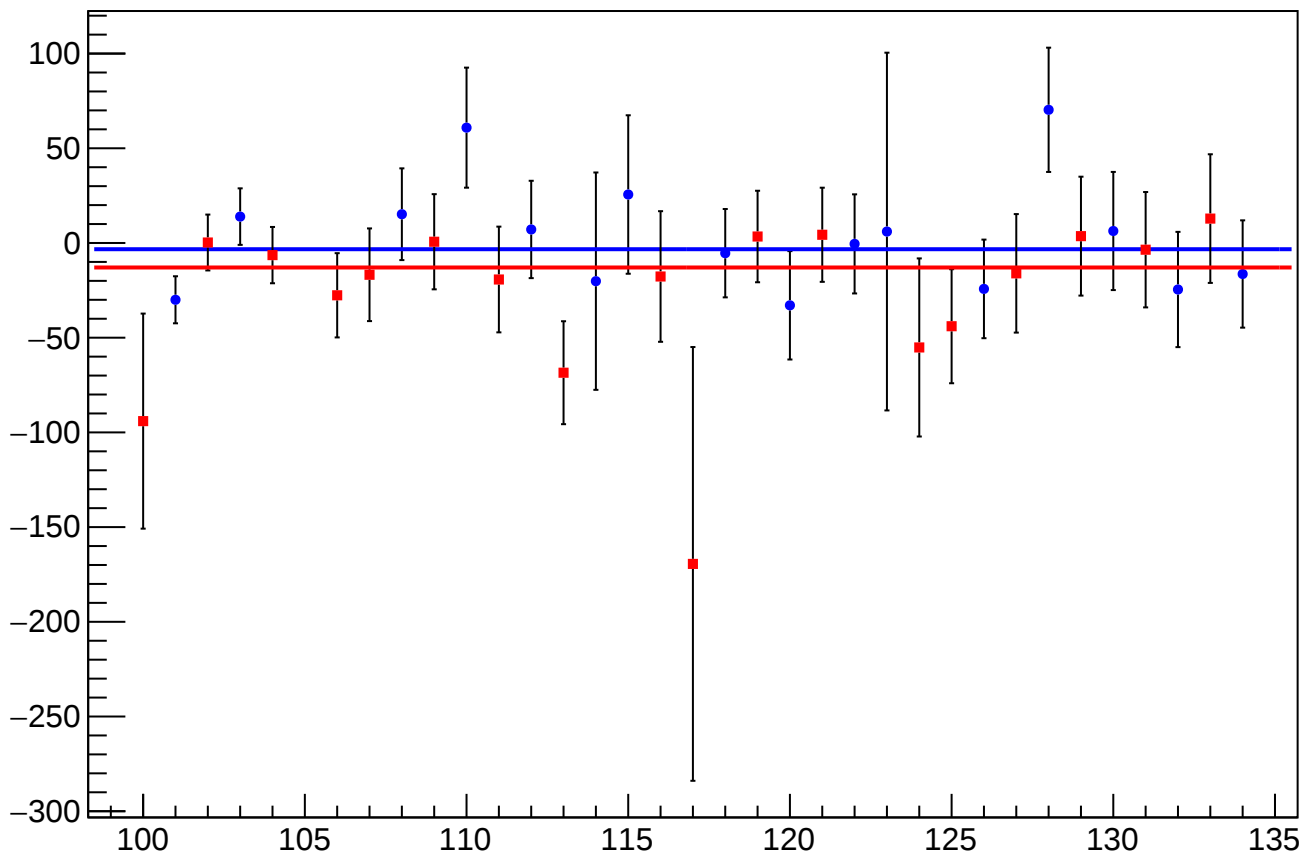
Right Out: 7022.544+/-1.997 χ^2/NDF : 538549.8/17

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

7381.331+/-2.189 χ^2/NDF : 384779.6/15

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

diff_bpm1X_mean vs Slug



Right In: -3.289+/-6.148 χ^2/NDF : 18.9/15

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

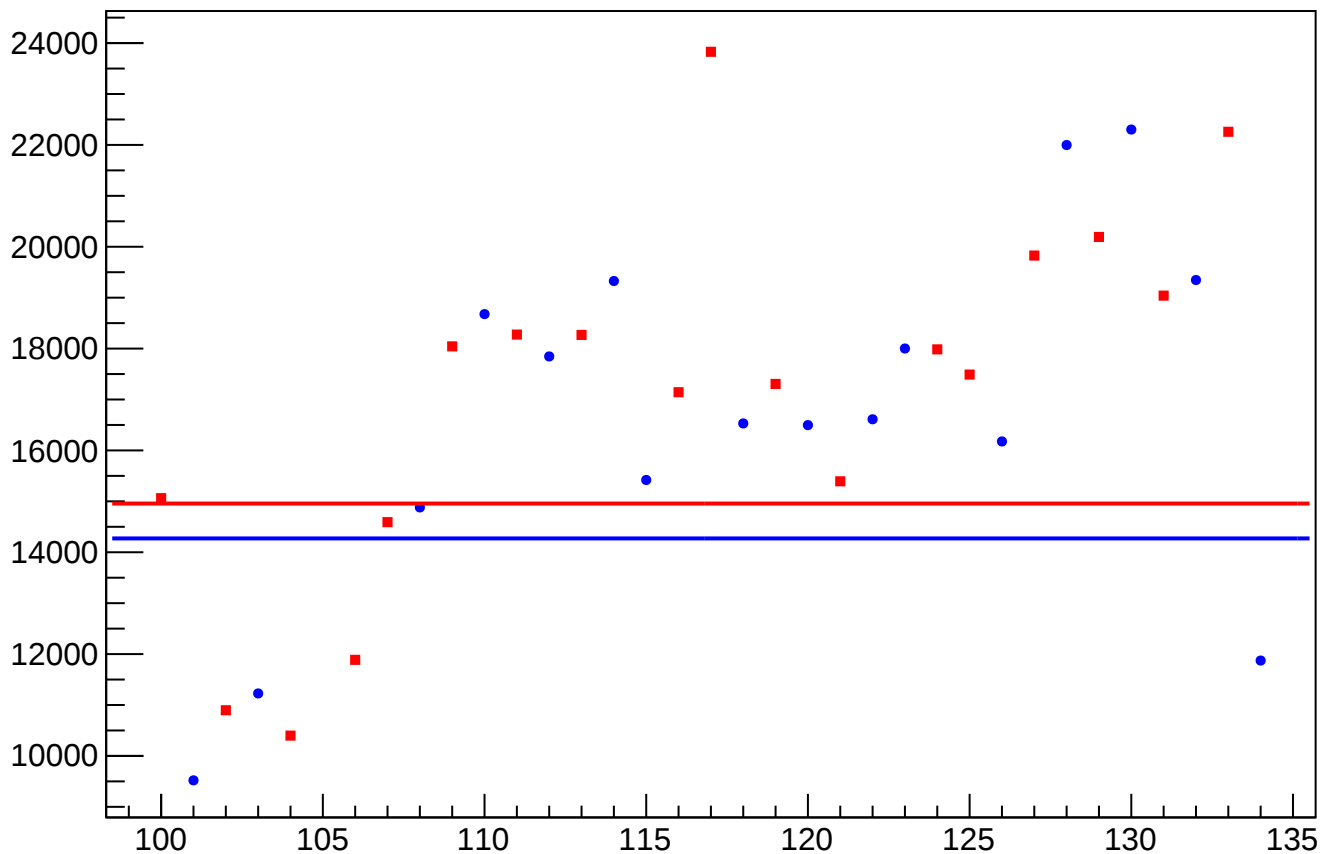
Right Out: -12.938+/-6.070 χ^2/NDF : 13.7/17

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

-3.289+/-6.148 χ^2/NDF : 18.9/15

-12.938+/-6.070 χ^2/NDF : 13.7/17

diff_bpm1X_rms vs Slug



Right In: 14271.653+/-4.347 χ^2/NDF : 845747.2/15

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

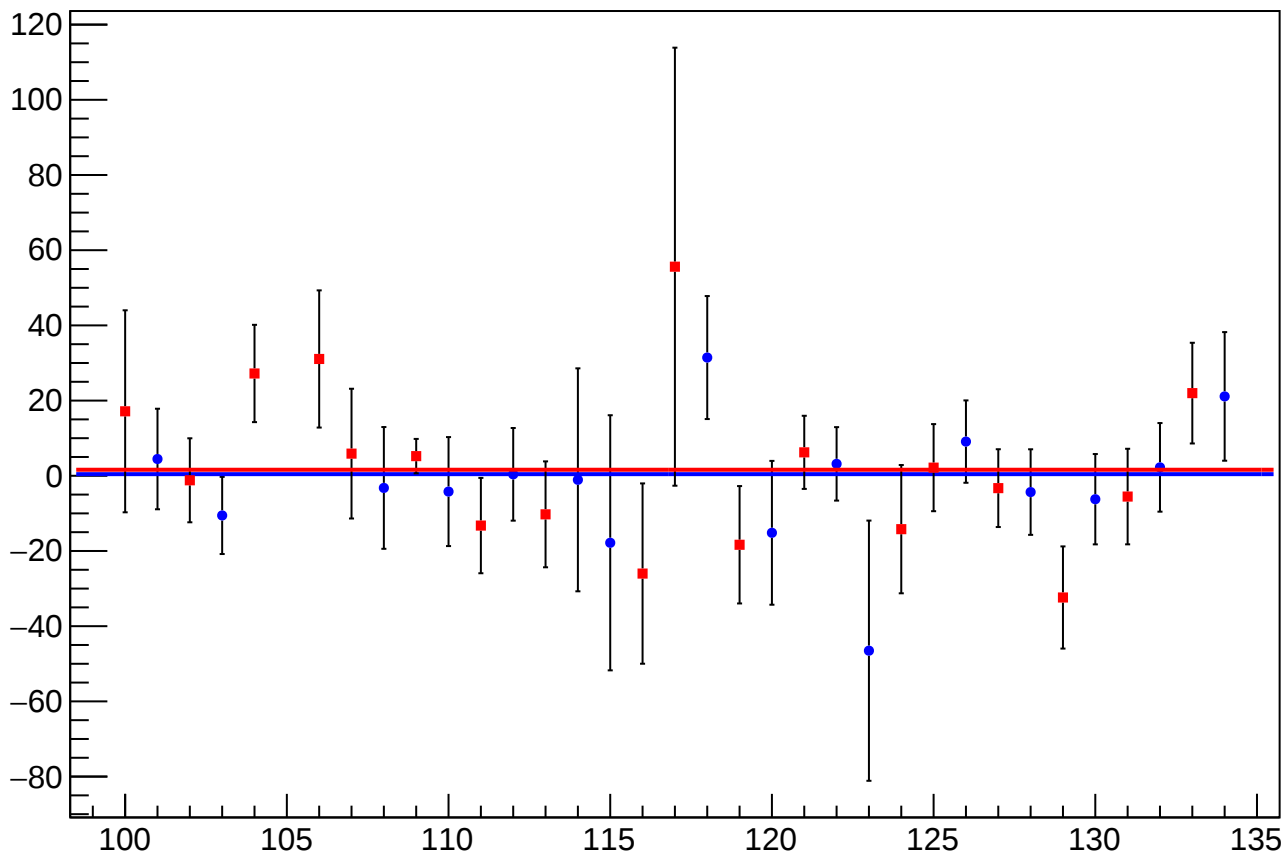
Right Out: 14956.540+/-4.292 χ^2/NDF : 760933.6/17

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

14271.653+/-4.347 χ^2/NDF : 845747.2/15

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

diff_bpm1Y_mean vs Slug



Right In: 0.434+/-3.458 χ^2/NDF : 10.5/15

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

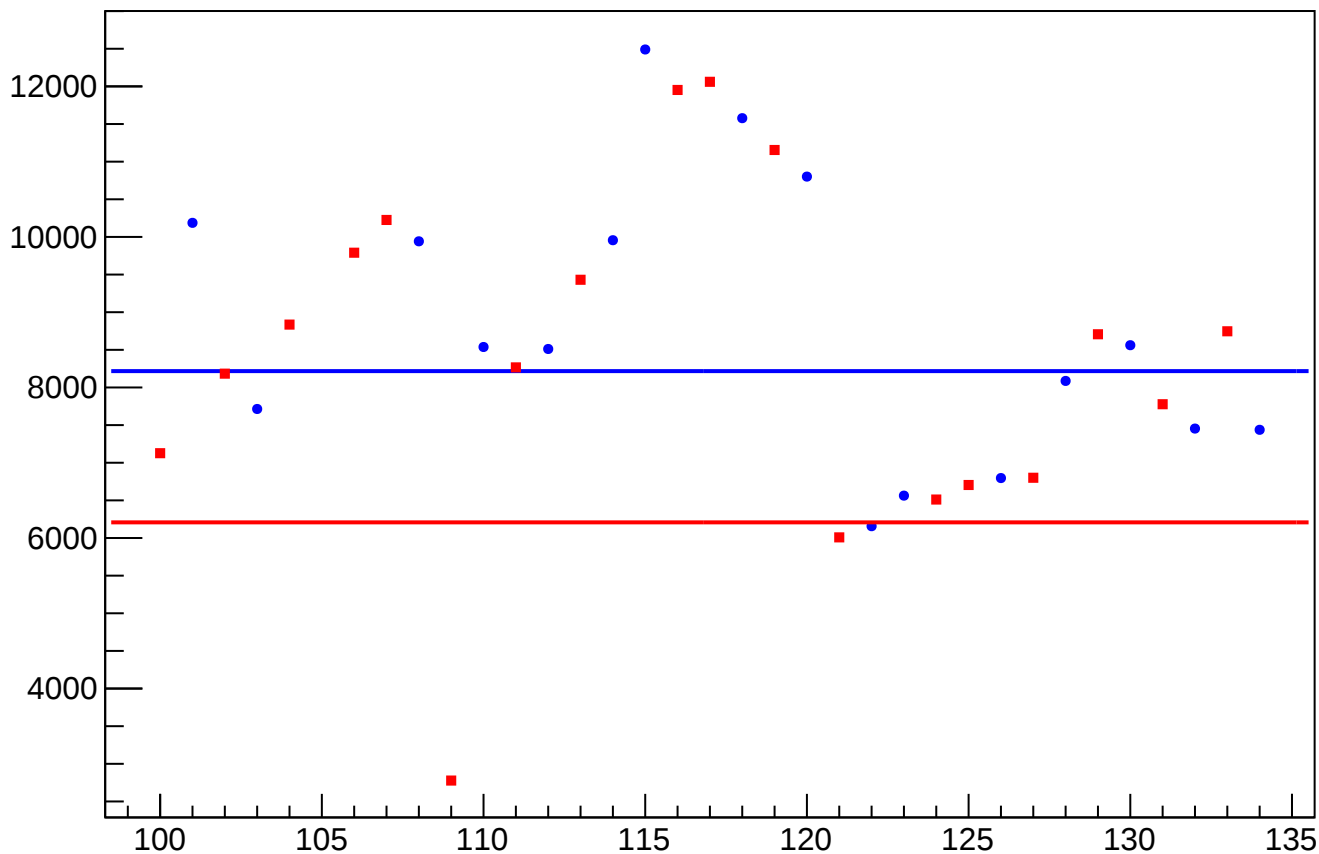
Right Out: 1.609+/-2.723 χ^2/NDF : 23.7/17

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

0.434+/-3.458 χ^2/NDF : 10.5/15

1.609+/-2.723 χ^2/NDF : 23.7/17

diff_bpm1Y_rms vs Slug



Right In: 8217.294+/-2.445 χ^2/NDF : 374144.2/15

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

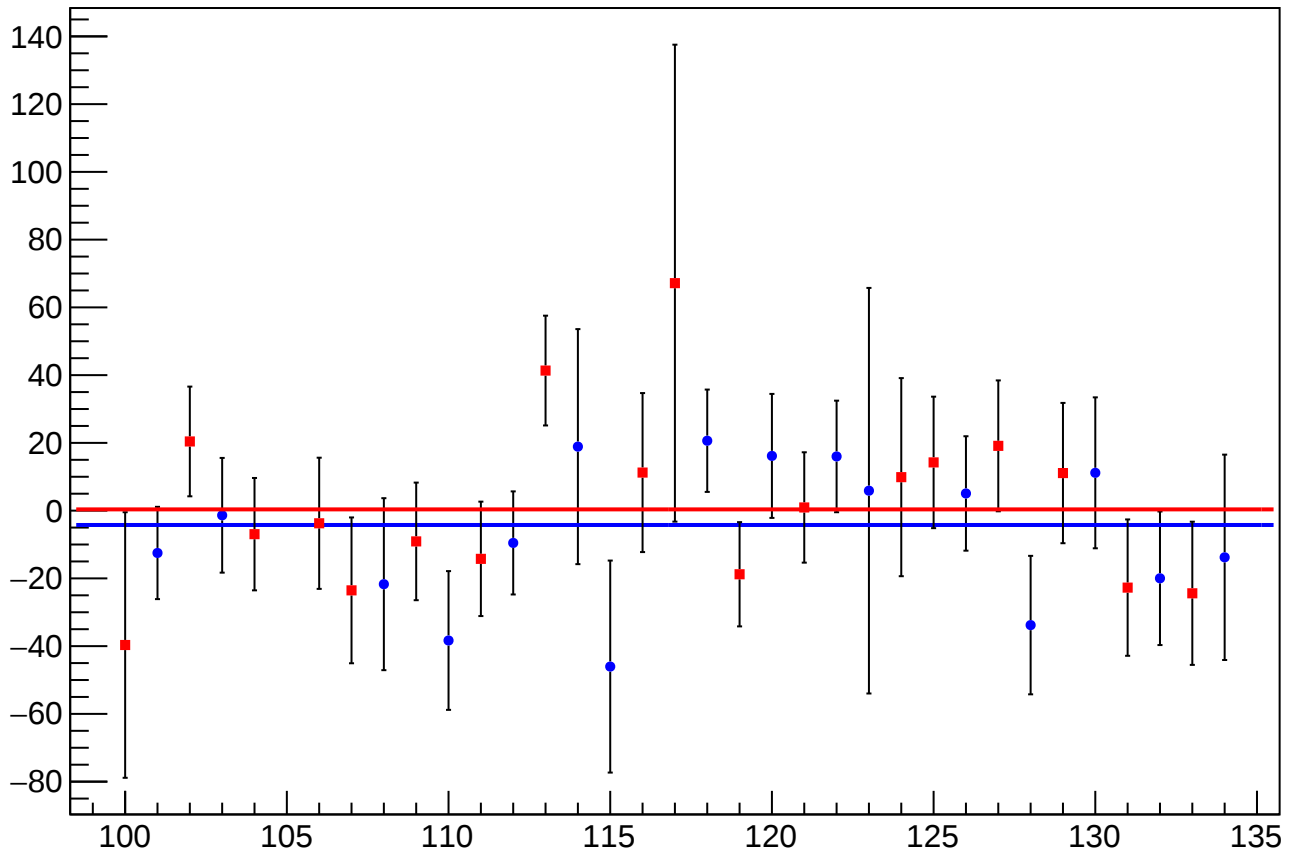
Right Out: 6207.859+/-1.926 χ^2/NDF : 2130963.7/17

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

8217.294+/-2.445 χ^2/NDF : 374144.2/15

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

diff_bpm11X_mean vs Slug



Right In: -4.234+/-4.886 χ^2/NDF : 15.1/15

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

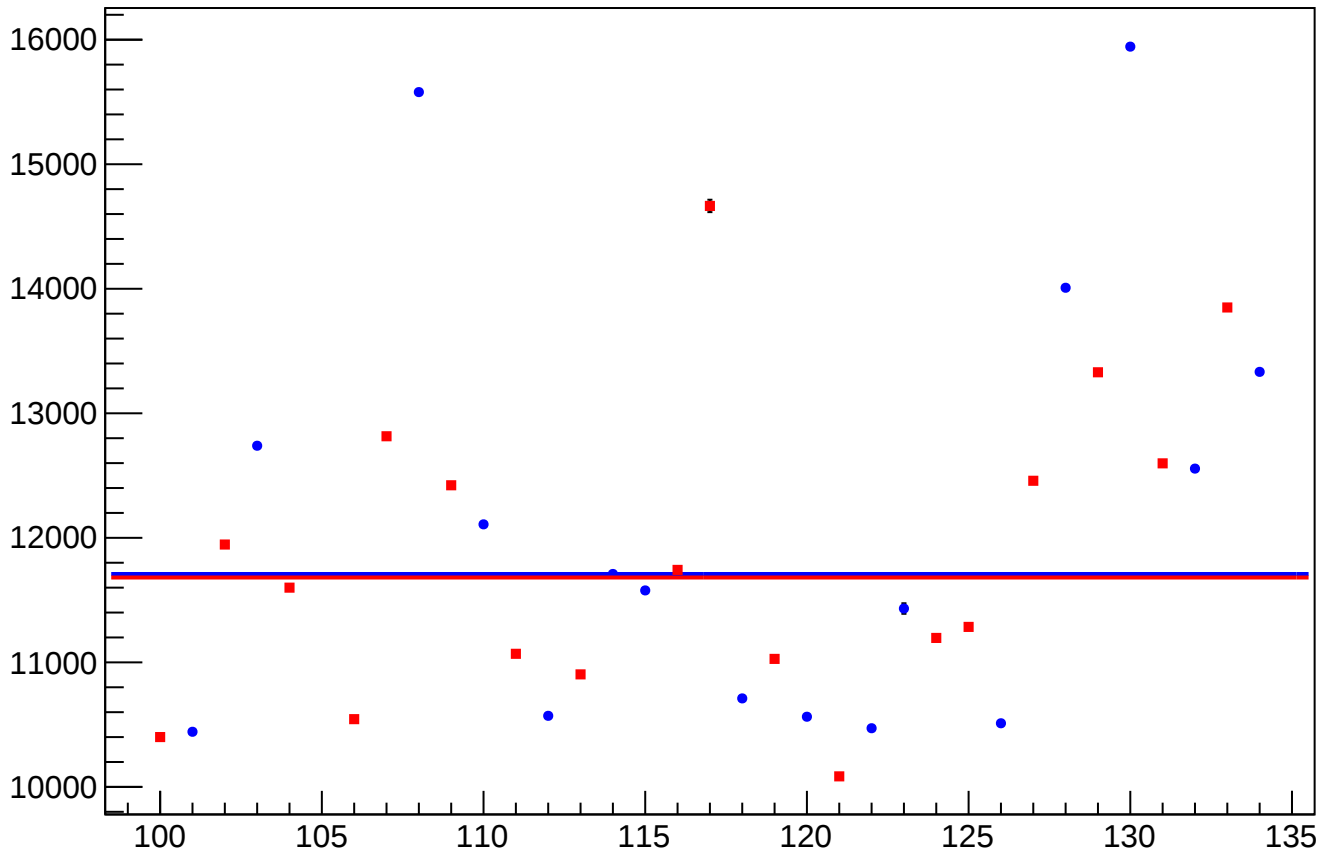
Right Out: 0.369+/-4.607 χ^2/NDF : 18.7/17

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

-4.234+/-4.886 χ^2/NDF : 15.1/15

0.369+/-4.607 χ^2/NDF : 18.7/17

diff_bpm11X_rms vs Slug



Right In: 11709.615+/-3.455 χ^2/NDF : 228158.3/15

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

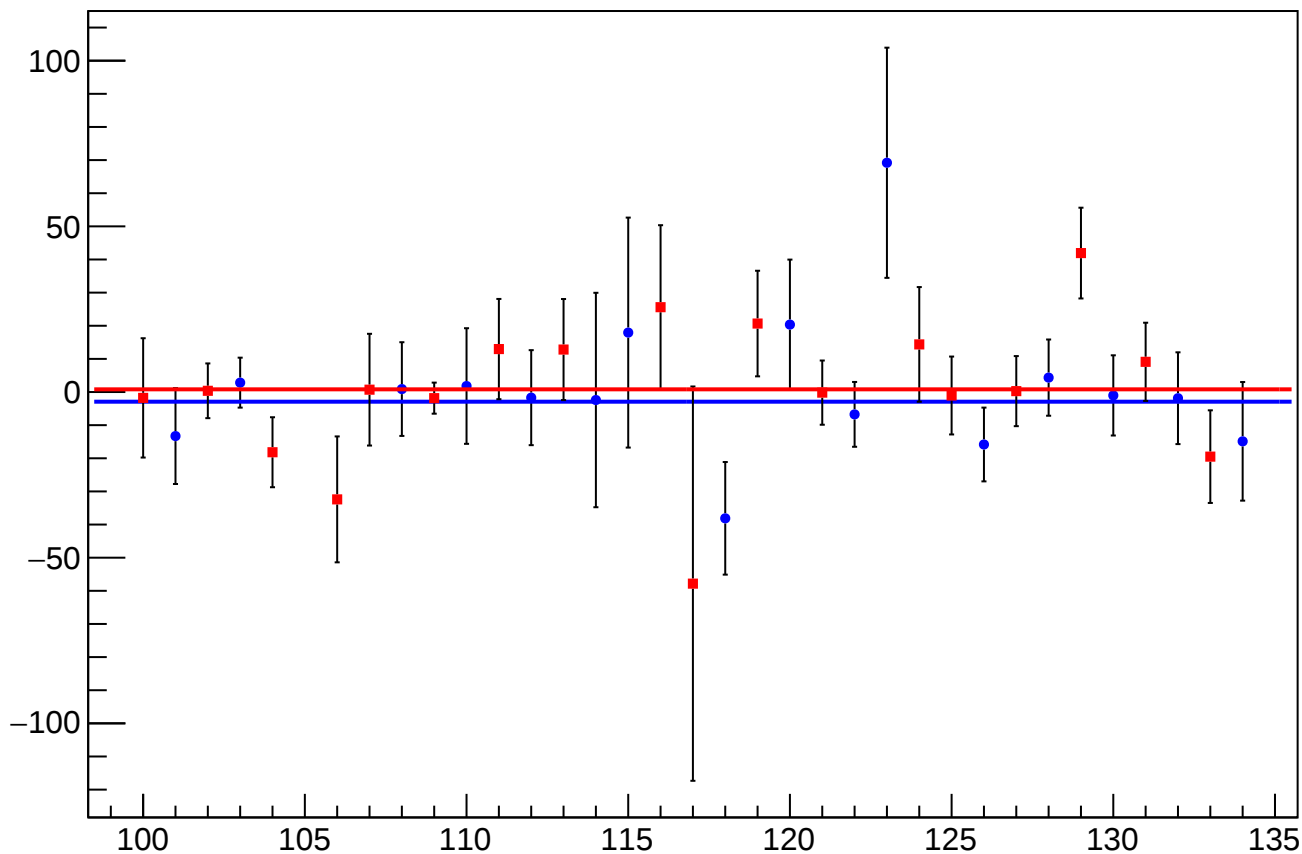
11709.615+/-3.455 χ^2/NDF : 228158.3/15

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

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

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

diff_bpm11Y_mean vs Slug



Right In: -2.919+/-3.421 χ^2/NDF : 14.0/15

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

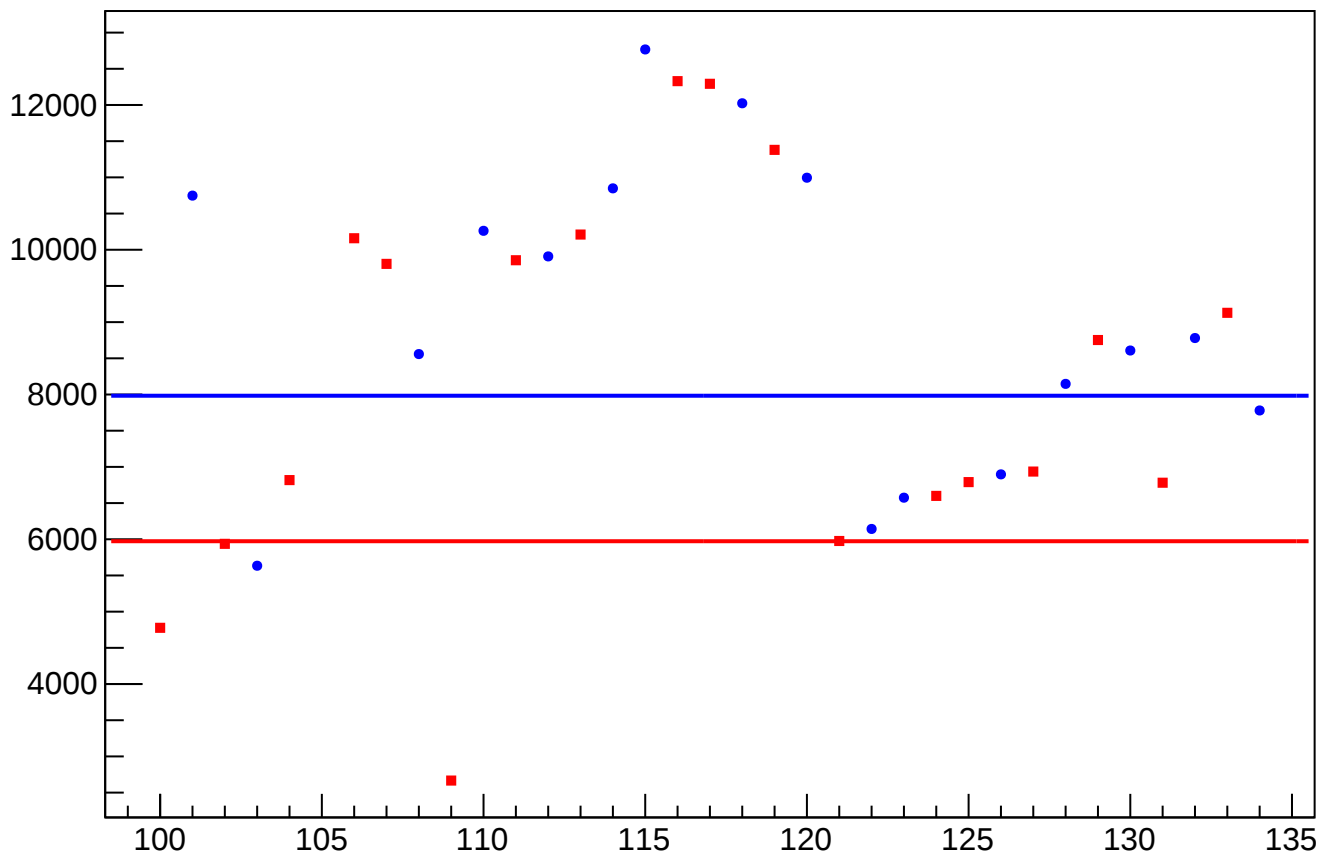
Right Out: 0.812+/-2.665 χ^2/NDF : 23.7/17

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

-2.919+/-3.421 χ^2/NDF : 14.0/15

0.812+/-2.665 χ^2/NDF : 23.7/17

diff_bpm11Y_rms vs Slug



Right In: 7983.132 $\pm$ 2.419 χ^2 /NDF: 660303.4/15

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

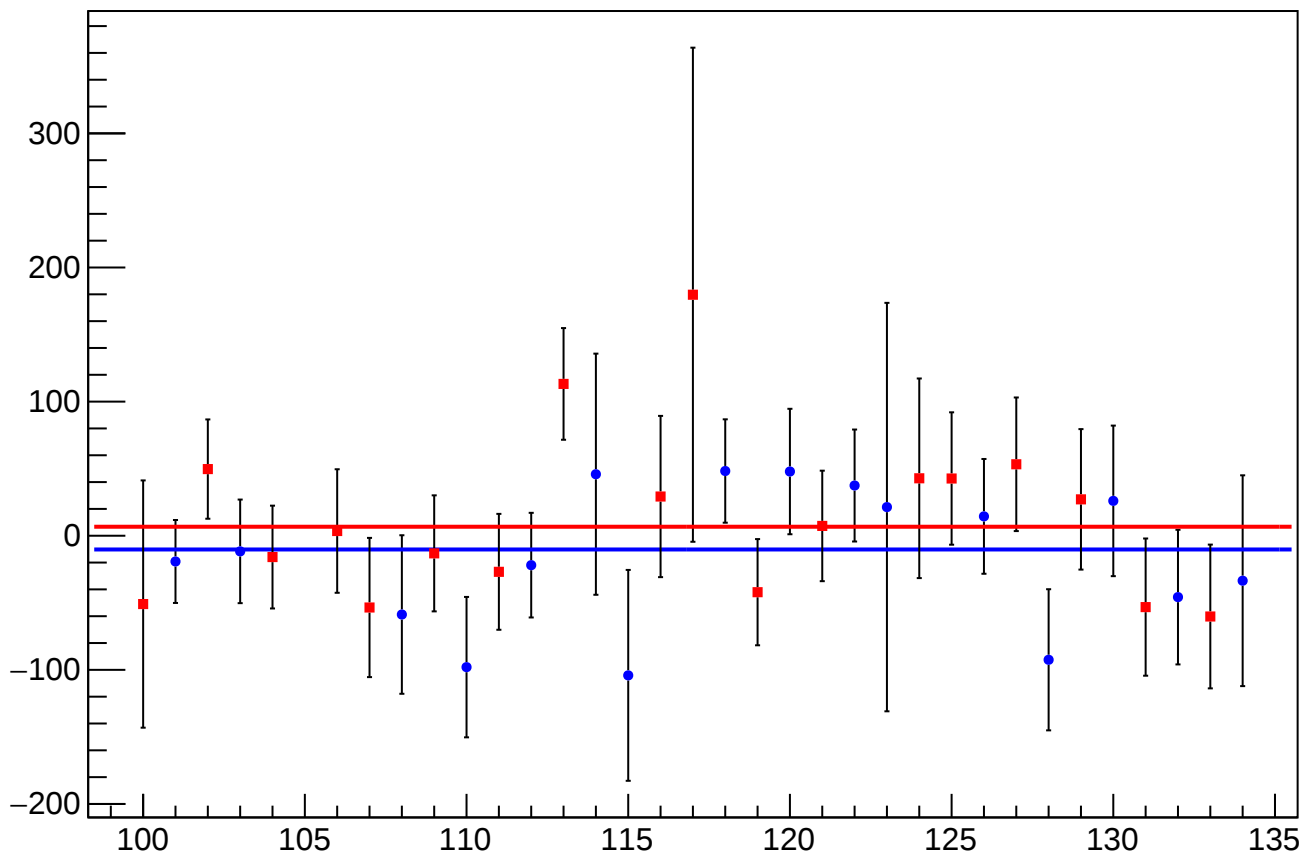
Right Out: 5973.062 $\pm$ 1.884 χ^2 /NDF: 2110442.4/17

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

7983.132 $\pm$ 2.419 χ^2 /NDF: 660303.4/15

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

diff_bpm12X_mean vs Slug



Right In: -10.248 ± 12.091 χ^2/NDF : 14.5/15

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

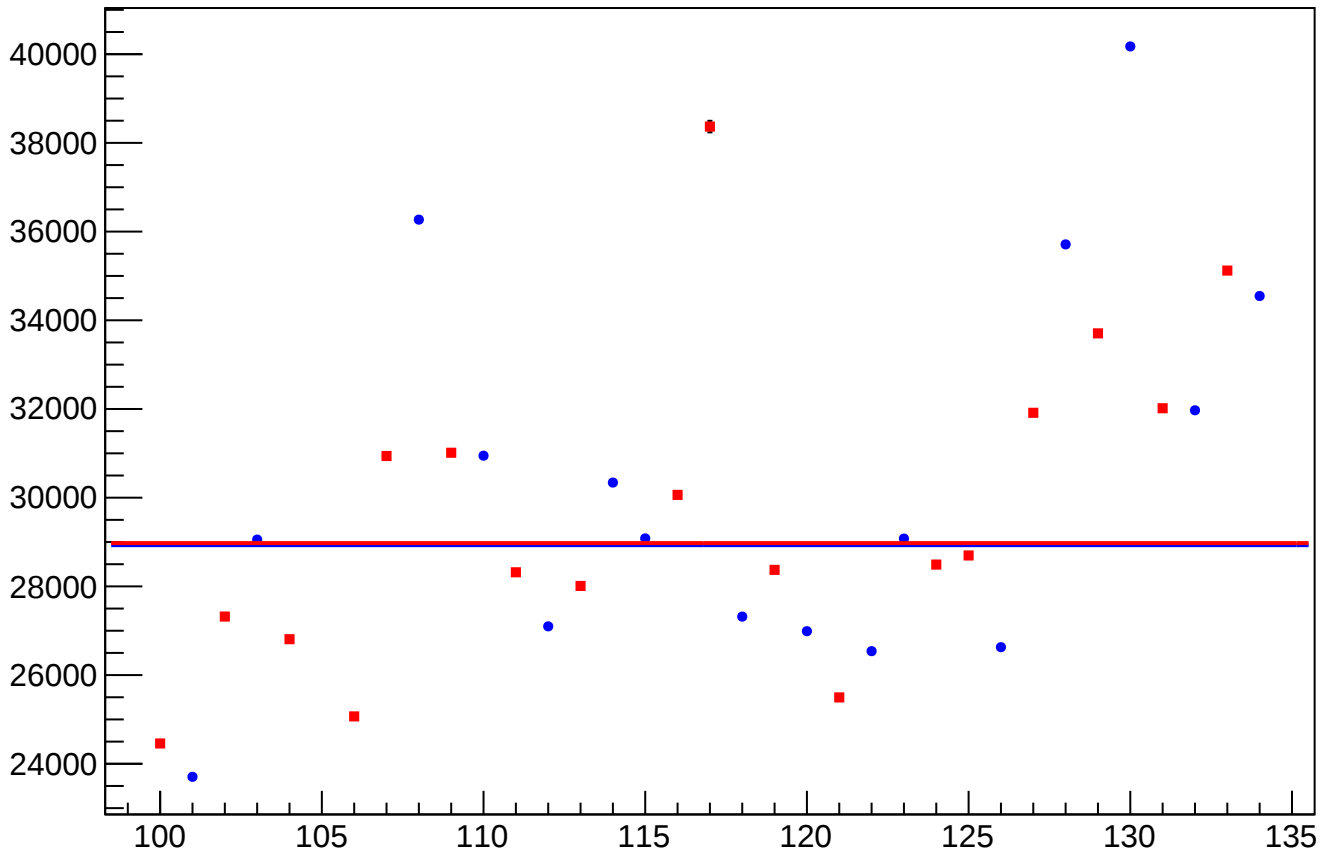
Right Out: 6.711 ± 11.441 χ^2/NDF : 18.1/17

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

-10.248 ± 12.091 χ^2/NDF : 14.5/15

6.711 ± 11.441 χ^2/NDF : 18.1/17

diff_bpm12X_rms vs Slug



Right In: 28929.401 $\pm$ 8.549 χ^2 /NDF: 246122.6/15

28929.401 $\pm$ 8.549 χ^2 /NDF: 246122.6/15

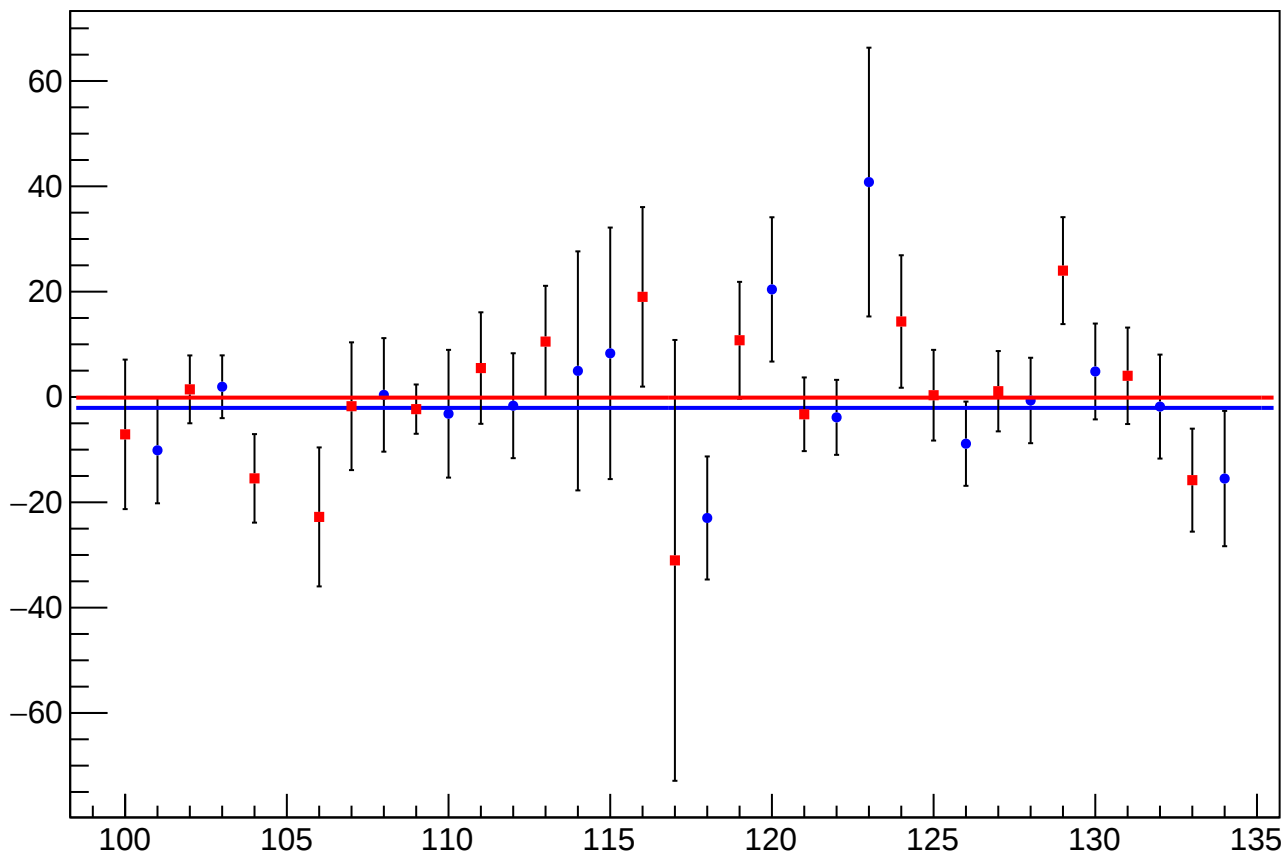
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28976.045 $\pm$ 8.090 χ^2 /NDF: 115797.9/17

28976.045 $\pm$ 8.090 χ^2 /NDF: 115797.9/17

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

diff_bpm12Y_mean vs Slug



Right In: -2.071+/-2.497 χ^2 /NDF: 12.6/15

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

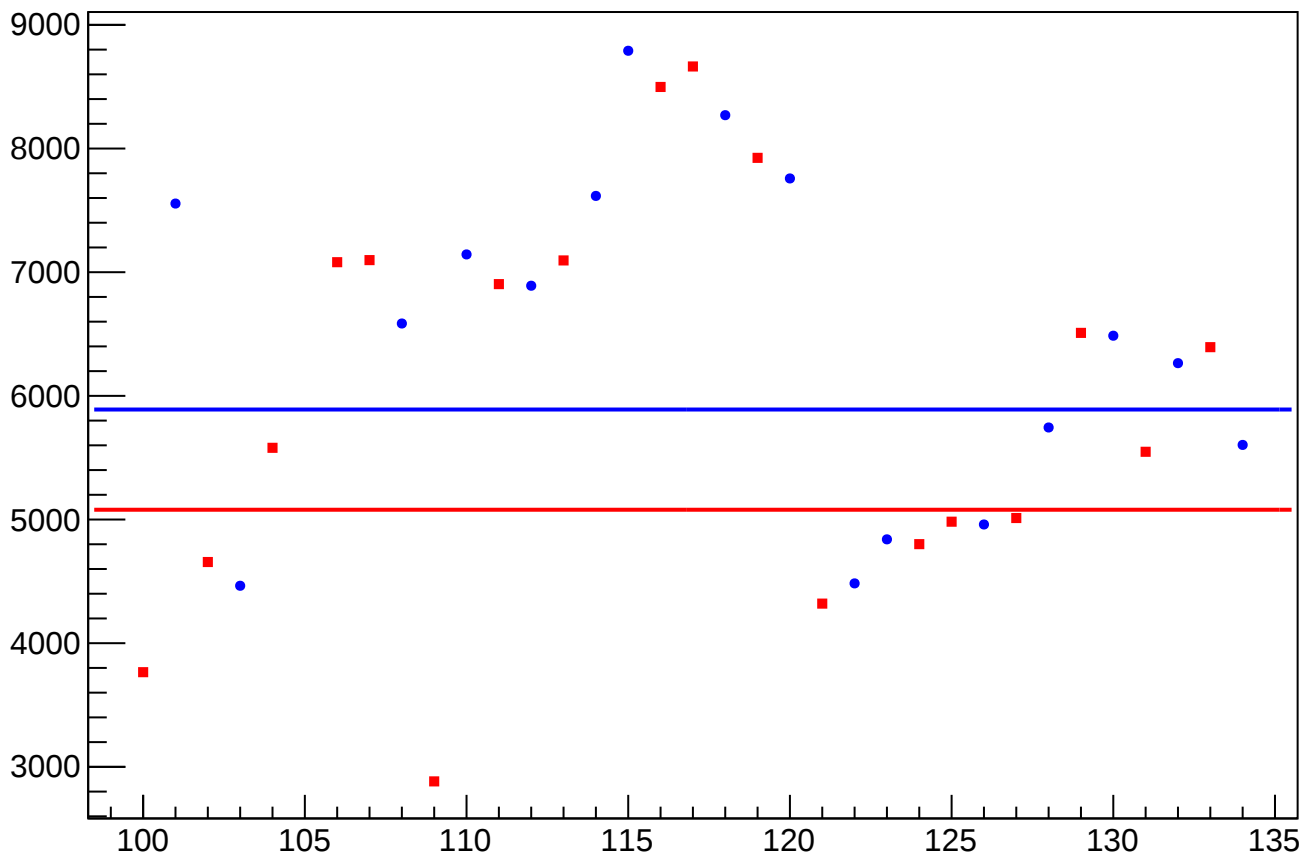
Right Out: -0.121+/-2.128 χ^2 /NDF: 20.8/17

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

-2.071+/-2.497 χ^2 /NDF: 12.6/15

-0.121+/-2.128 χ^2 /NDF: 20.8/17

diff_bpm12Y_rms vs Slug



Right In: 5889.581+/-1.766 χ^2/NDF : 501816.5/15

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

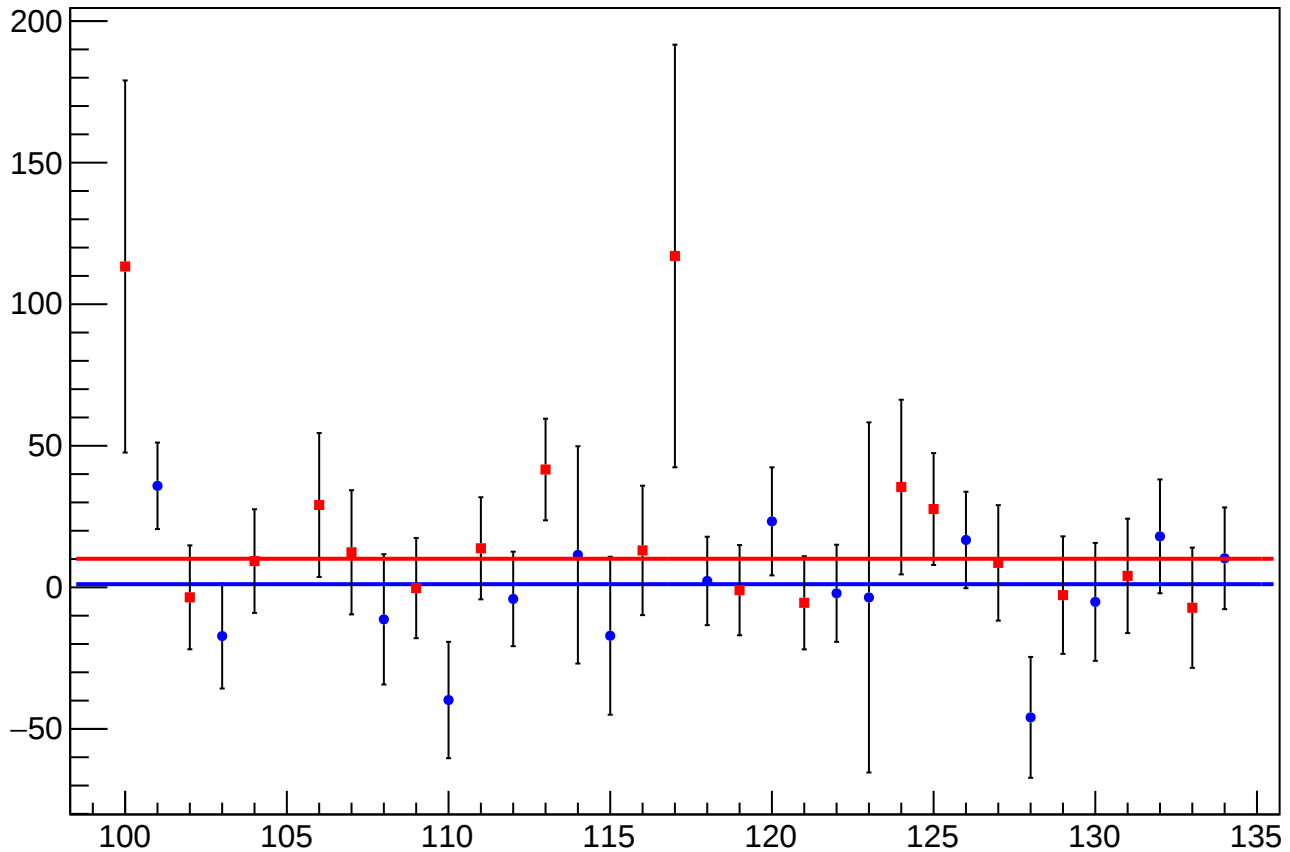
Right Out: 5079.141+/-1.504 χ^2/NDF : 1039618.3/17

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

5889.581+/-1.766 χ^2/NDF : 501816.5/15

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

diff_bpm16X_mean vs Slug



Right In: 1.120 $\pm$ 4.936 χ^2 /NDF: 19.1/15

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

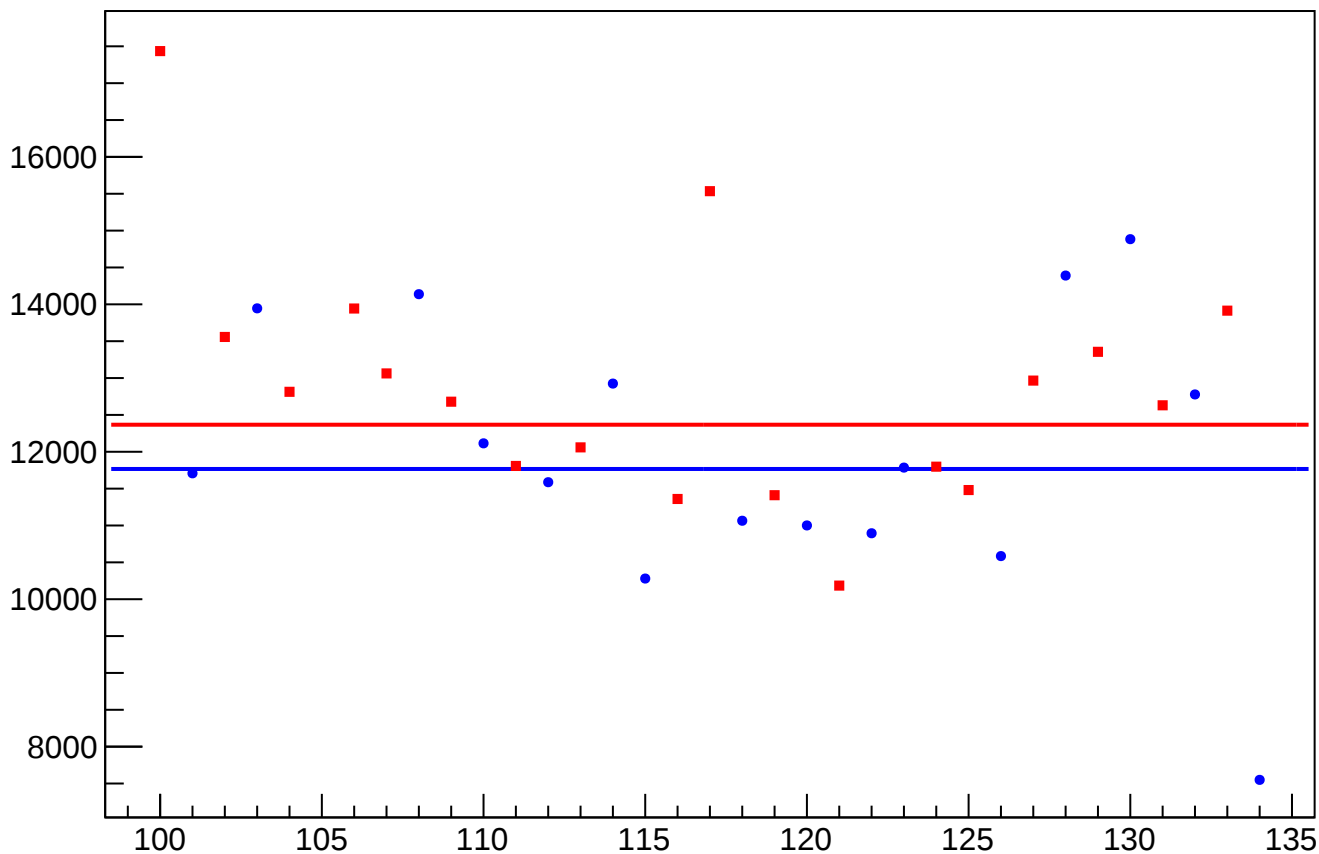
Right Out: 10.105 $\pm$ 4.884 χ^2 /NDF: 13.1/17

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

1.120 $\pm$ 4.936 χ^2 /NDF: 19.1/15

10.105 $\pm$ 4.884 χ^2 /NDF: 13.1/17

diff_bpm16X_rms vs Slug



Right In: 11766.651+/-3.491 χ^2/NDF : 269570.6/15

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

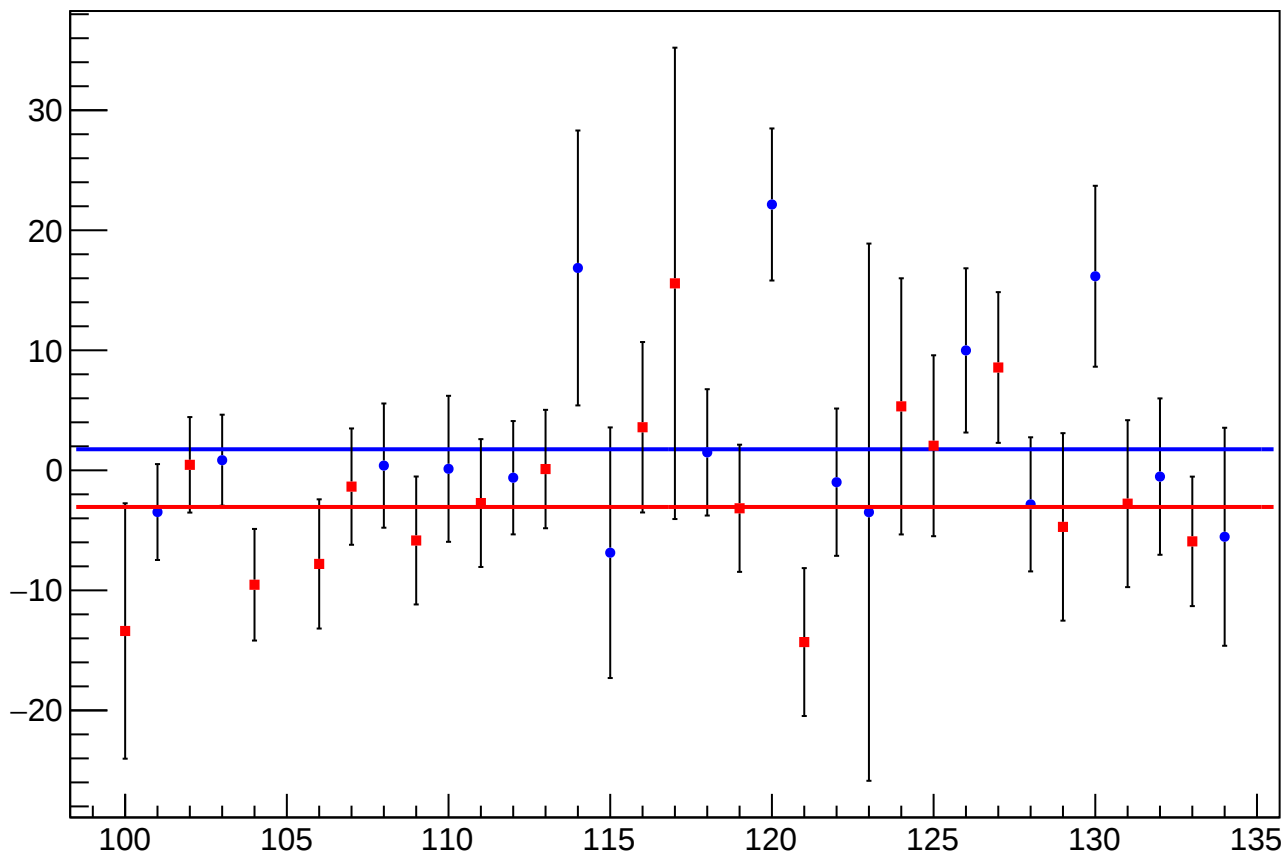
Right Out: 12367.017+/-3.454 χ^2/NDF : 106137.8/17

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

11766.651+/-3.491 χ^2/NDF : 269570.6/15

12367.017+/-3.454 χ^2/NDF : 106137.8/17

diff_bpm16Y_mean vs Slug



Right In: 1.755+/-1.483 χ^2/NDF : 21.8/15

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

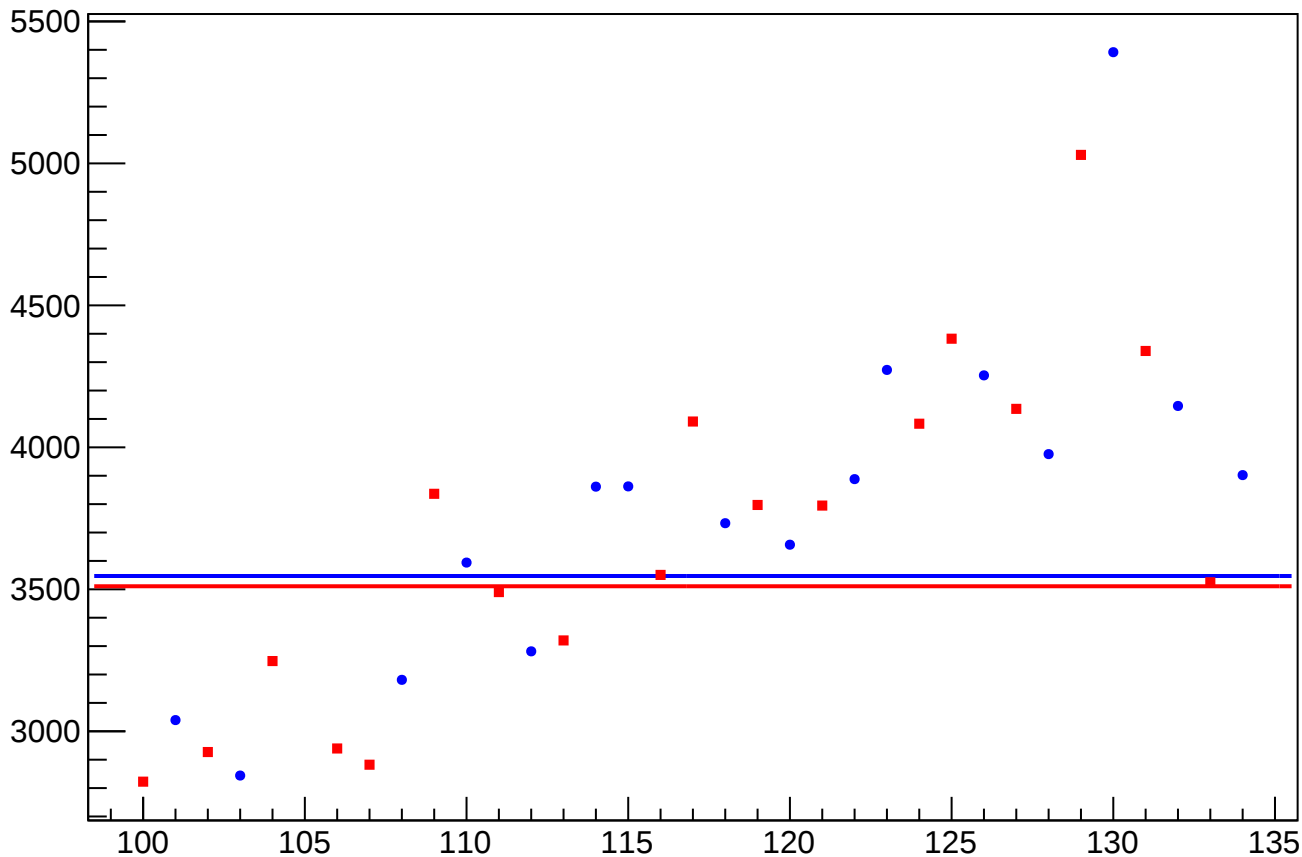
Right Out: -3.052+/-1.394 χ^2/NDF : 15.2/17

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

1.755+/-1.483 χ^2/NDF : 21.8/15

-3.052+/-1.394 χ^2/NDF : 15.2/17

diff_bpm16Y_rms vs Slug



Right In: 3546.912+/-1.049 χ^2/NDF : 305095.9/15

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

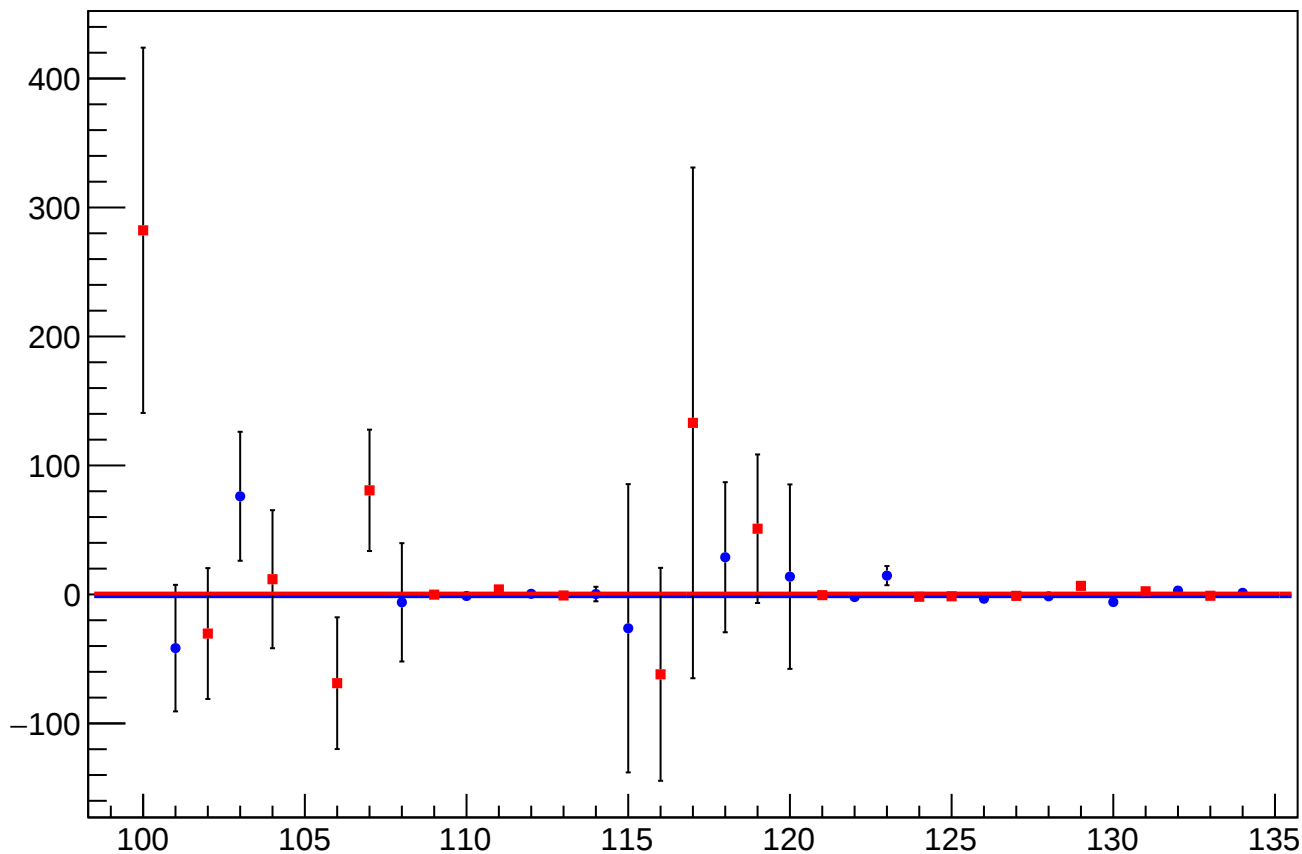
3546.912+/-1.049 χ^2/NDF : 305095.9/15

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

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

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

diff_bpm1p02bX_mean vs Slug



Right In: -1.337+/-0.882 χ^2 /NDF: 16.3/15

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

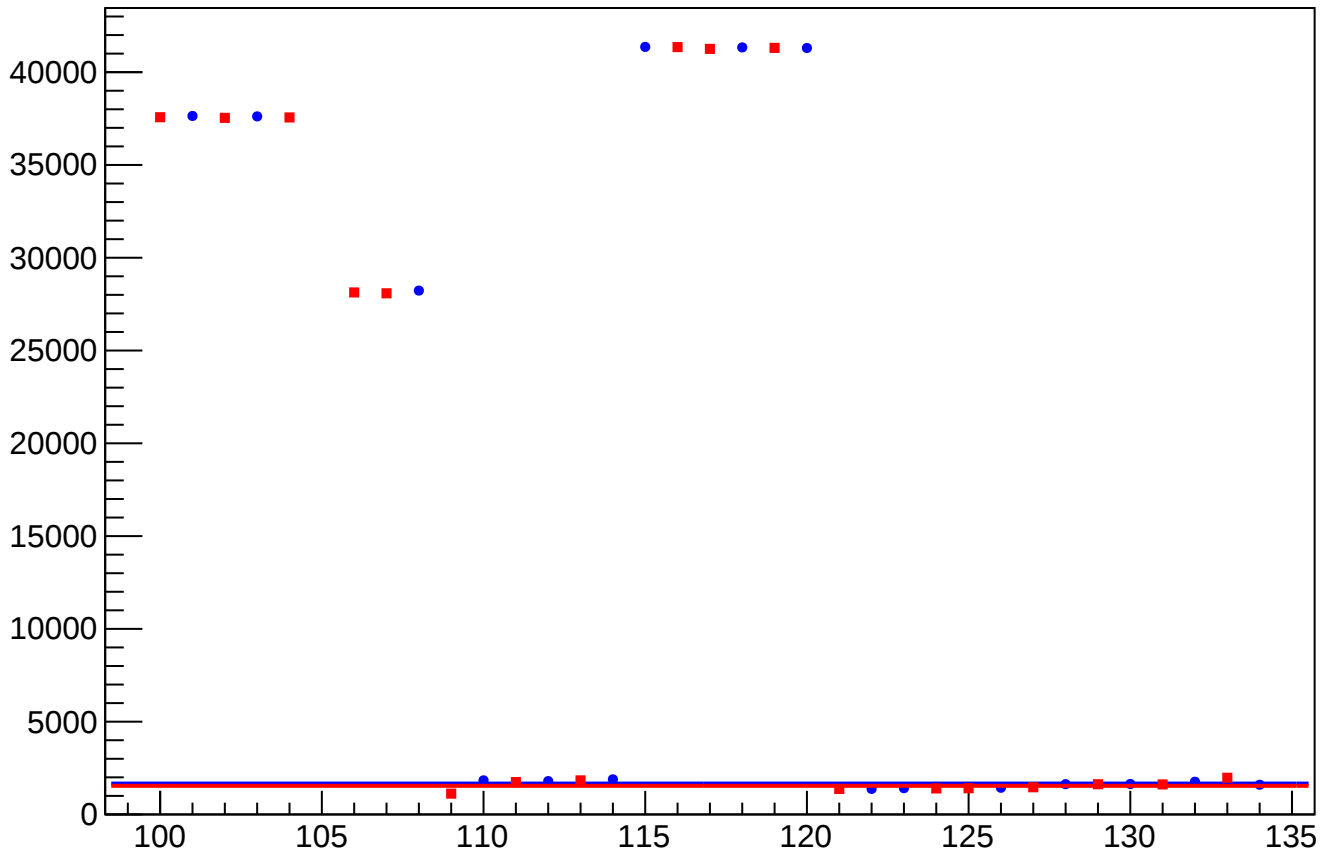
Right Out: 0.654+/-0.793 χ^2 /NDF: 21.2/17

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

-1.337+/-0.882 χ^2 /NDF: 16.3/15

0.654+/-0.793 χ^2 /NDF: 21.2/17

diff_bpm1p02bX_rms vs Slug



Right In: 1663.746+/-0.624 χ^2/NDF : 4653338.6/15

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

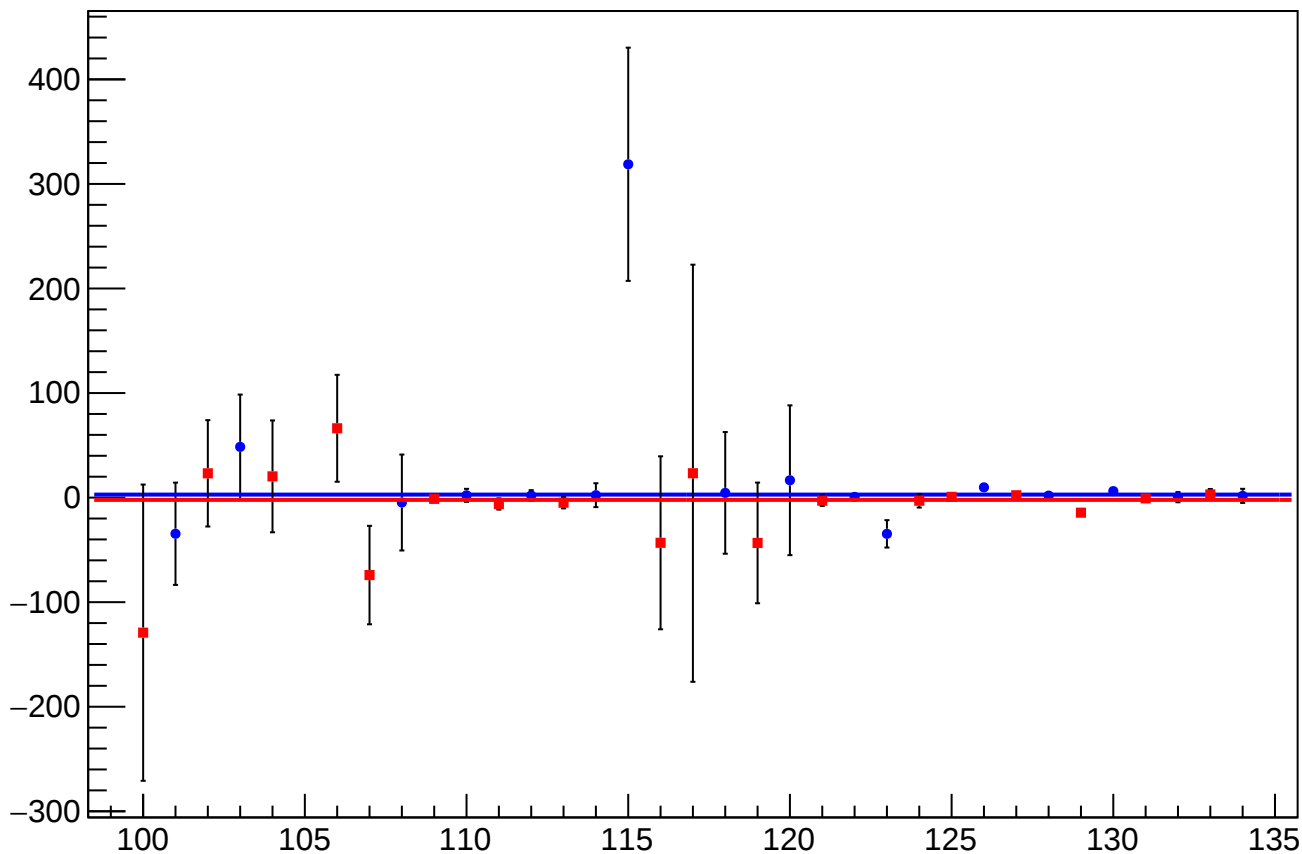
1663.746+/-0.624 χ^2/NDF : 4653338.6/15

Right Out: 1542.949+/-0.561 χ^2/NDF : 4936068.3/17

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

1542.949+/-0.561 χ^2/NDF : 4936068.3/17

diff_bpm1p02bY_mean vs Slug



Right In: 2.880+/-1.601 χ^2/NDF : 21.8/15

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

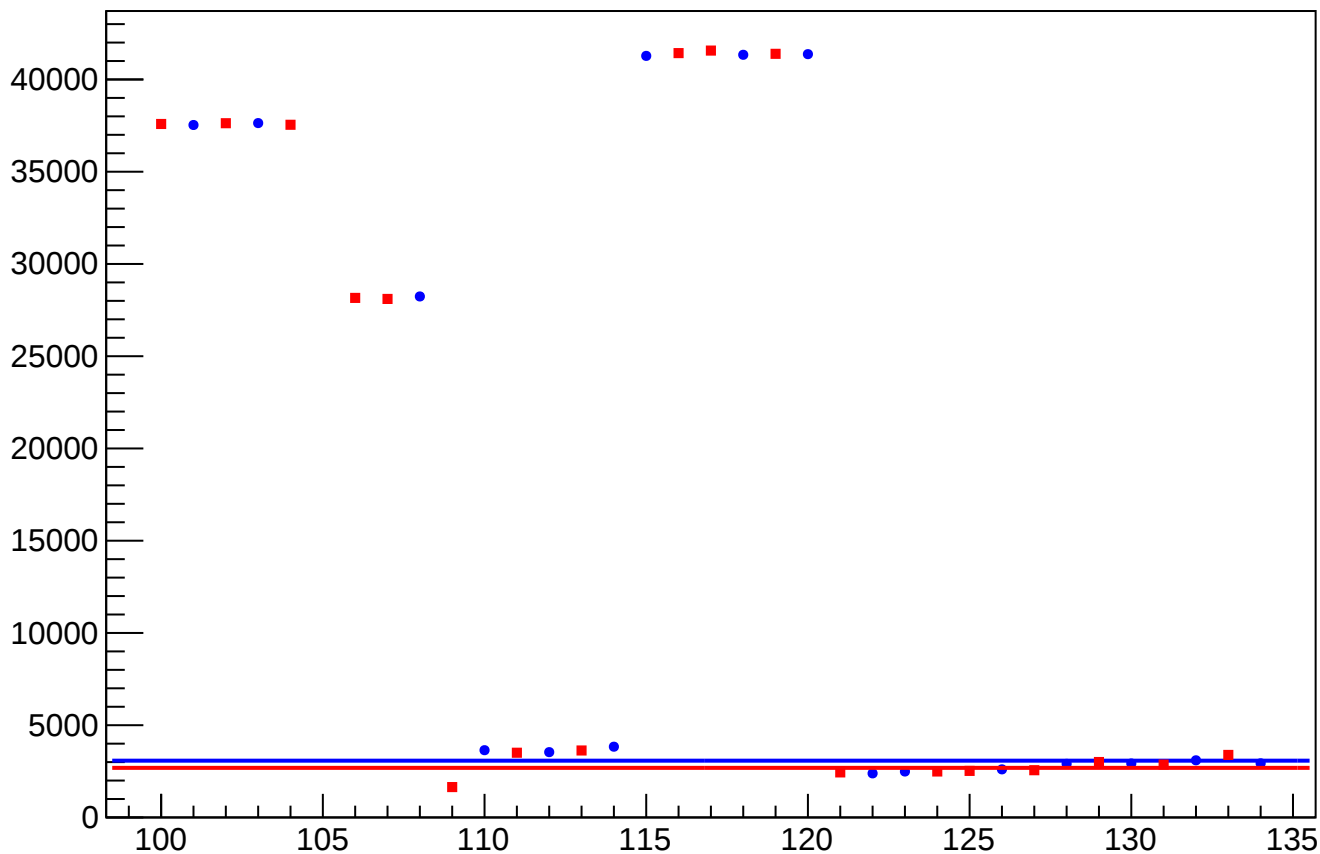
Right Out: -2.176+/-1.385 χ^2/NDF : 16.7/17

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

2.880+/-1.601 χ^2/NDF : 21.8/15

-2.176+/-1.385 χ^2/NDF : 16.7/17

diff_bpm1p02bY_rms vs Slug



Right In: 3077.783+/-1.132 χ^2/NDF : 4365149.5/15

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

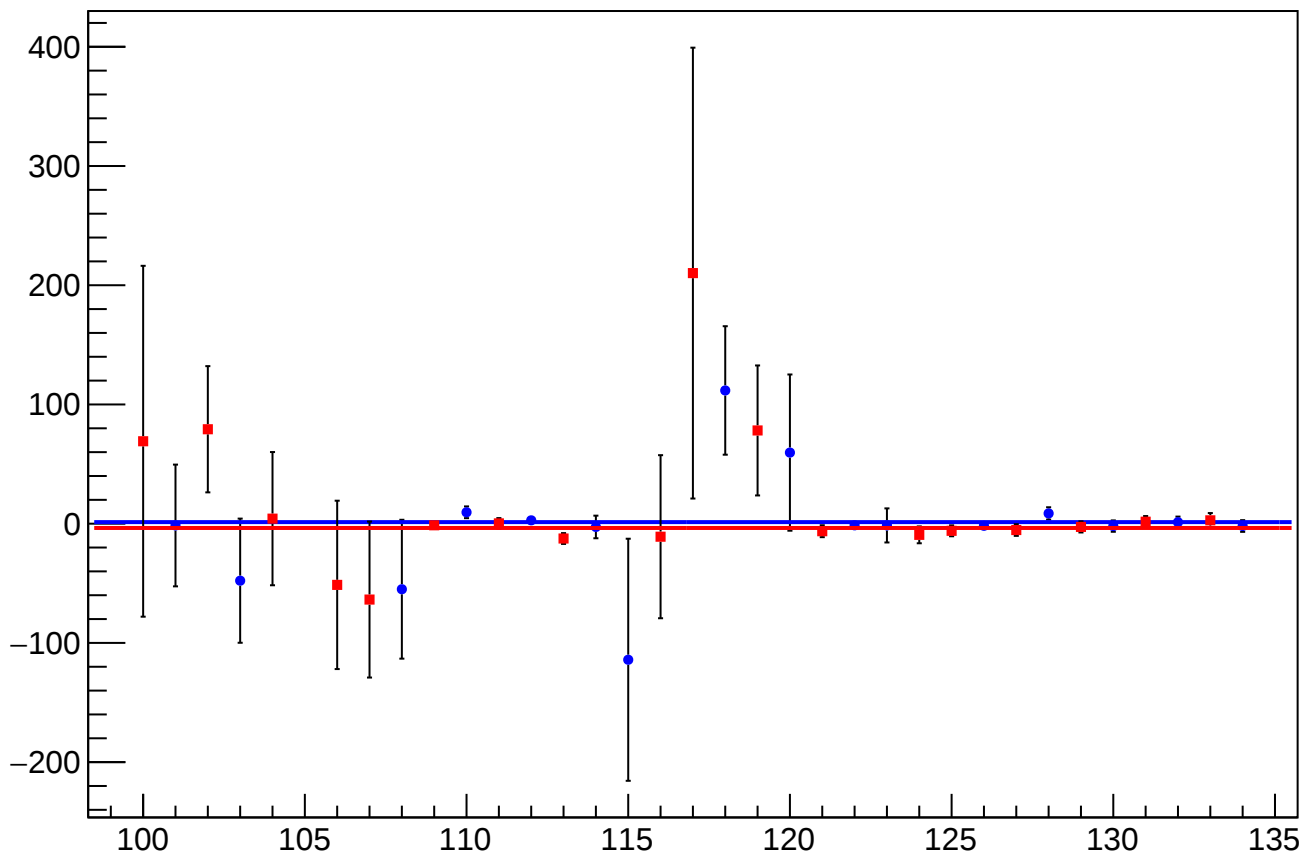
Right Out: 2688.241+/-0.979 χ^2/NDF : 4876776.5/17

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

3077.783+/-1.132 χ^2/NDF : 4365149.5/15

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

diff_bpm1p03aX_mean vs Slug



Right In: 1.315+/-1.567 χ^2/NDF : 15.2/15

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

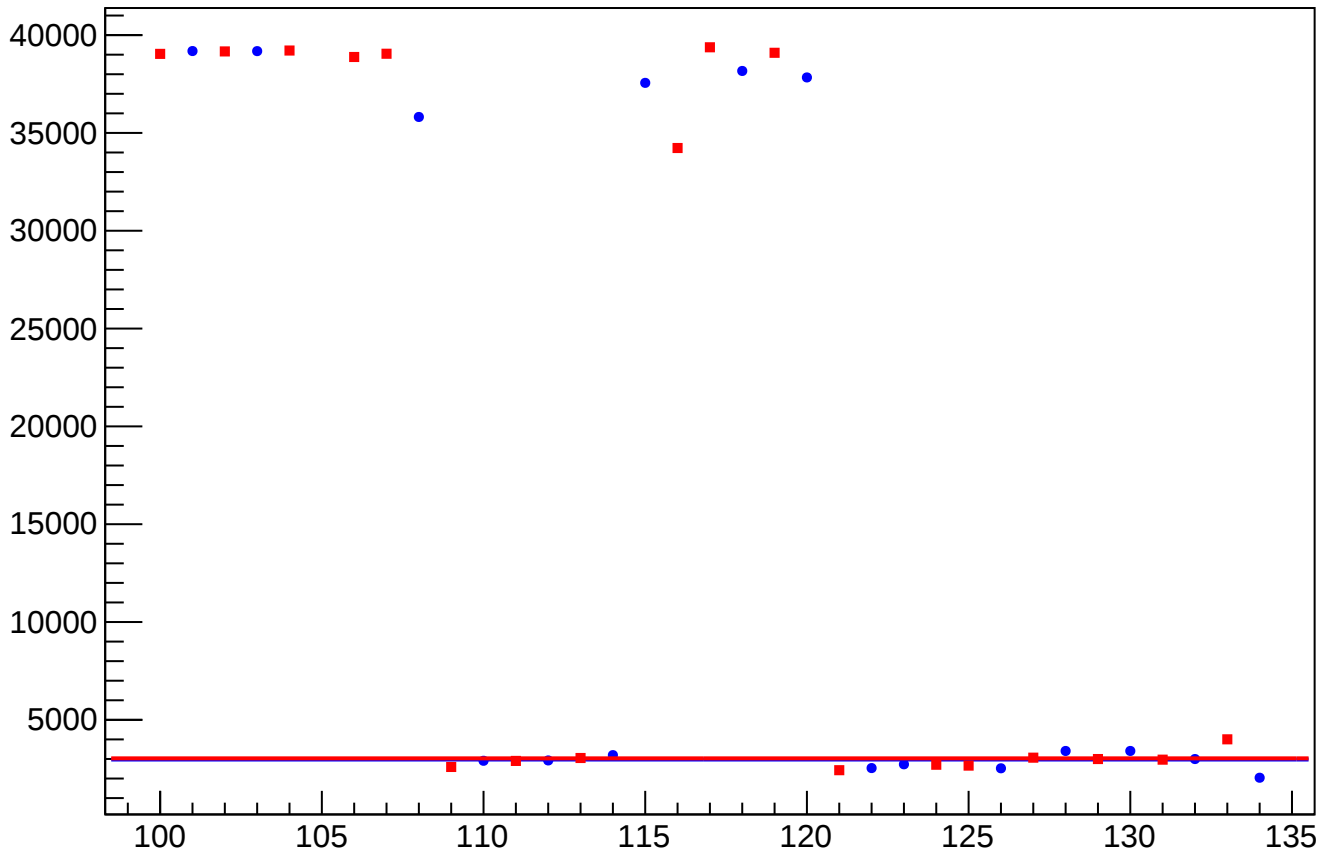
Right Out: -3.593+/-1.512 χ^2/NDF : 16.2/17

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

1.315+/-1.567 χ^2/NDF : 15.2/15

-3.593+/-1.512 χ^2/NDF : 16.2/17

diff_bpm1p03aX_rms vs Slug



Right In: 2971.890+/-1.108 χ^2/NDF : 4415392.3/15

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

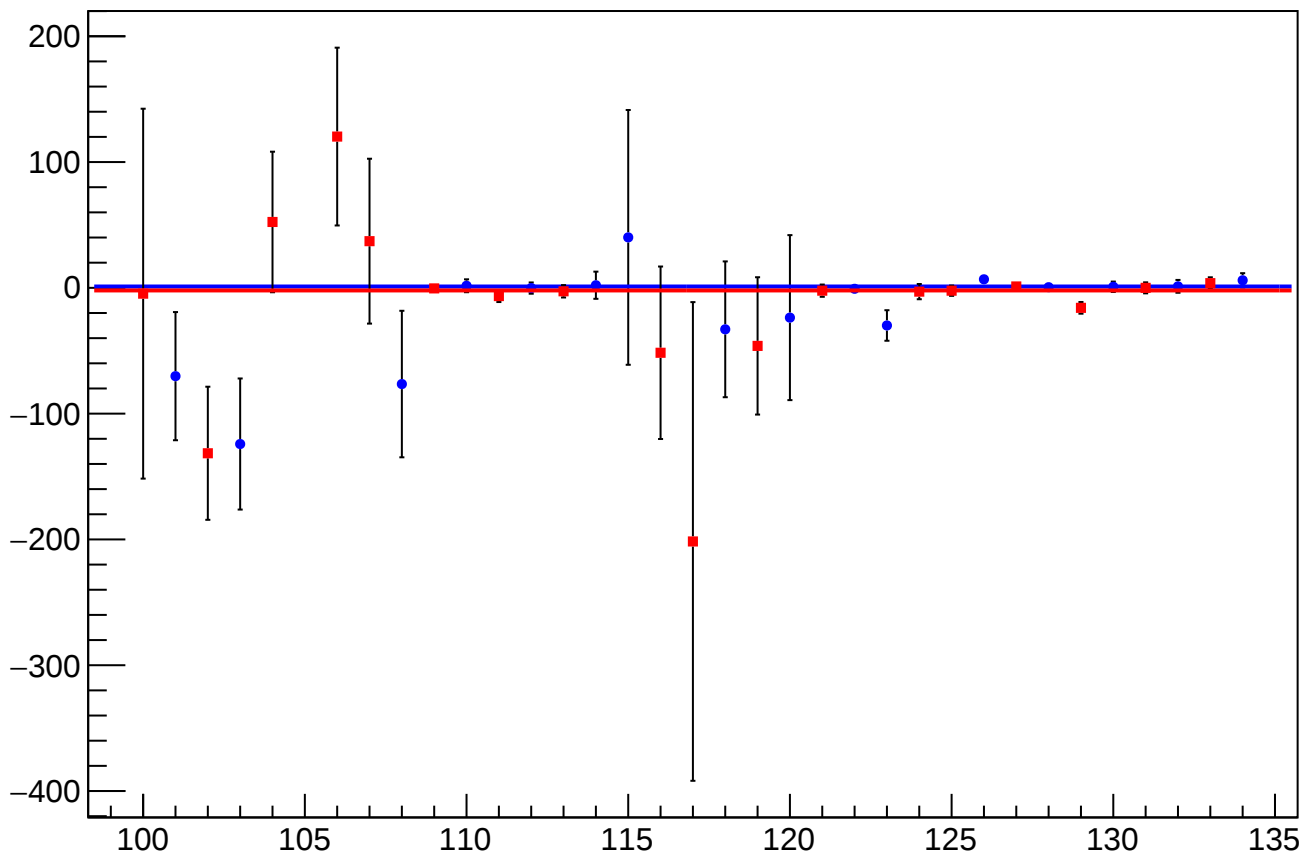
2971.890+/-1.108 χ^2/NDF : 4415392.3/15

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

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

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

diff_bpm1p03aY_mean vs Slug



Right In: 1.062 $\pm$ 1.500 χ^2 /NDF: 20.1/15

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

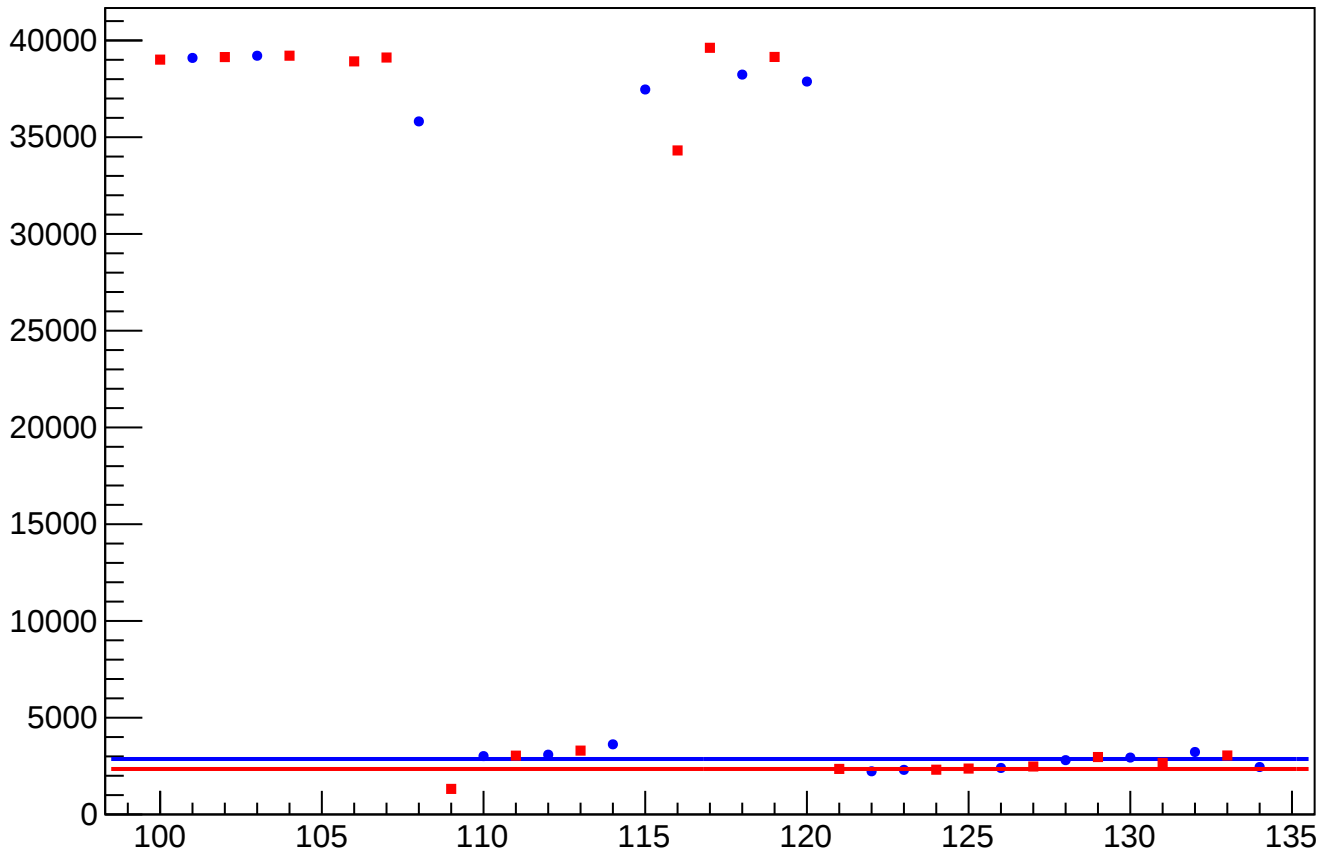
Right Out: -2.062 $\pm$ 1.245 χ^2 /NDF: 25.5/17

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

1.062 $\pm$ 1.500 χ^2 /NDF: 20.1/15

-2.062 $\pm$ 1.245 χ^2 /NDF: 25.5/17

diff_bpm1p03aY_rms vs Slug



Right In: 2866.251+/-1.061 χ^2 /NDF: 4422887.6/15

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

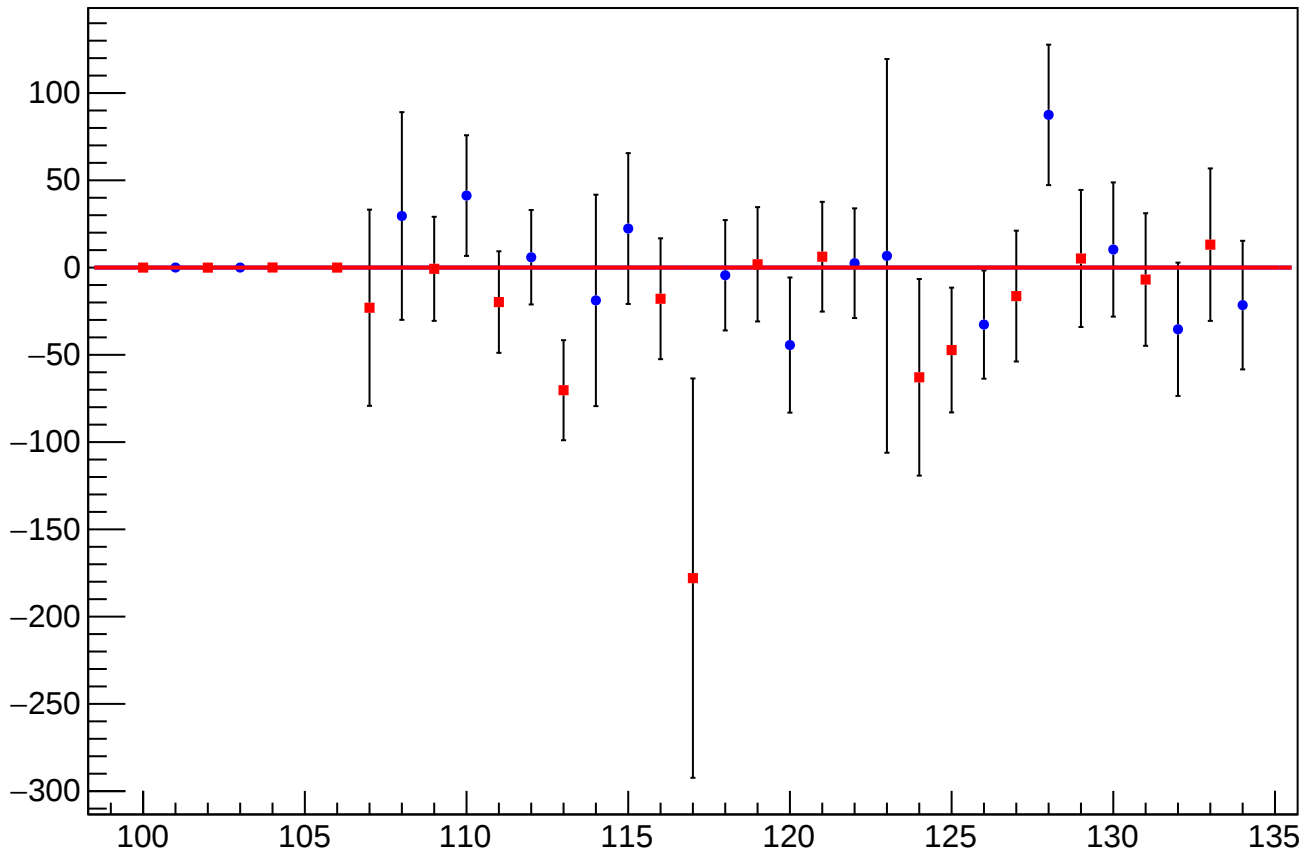
2866.251+/-1.061 χ^2 /NDF: 4422887.6/15

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

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

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

diff_cav4bX_mean vs Slug



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 10.7/15

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

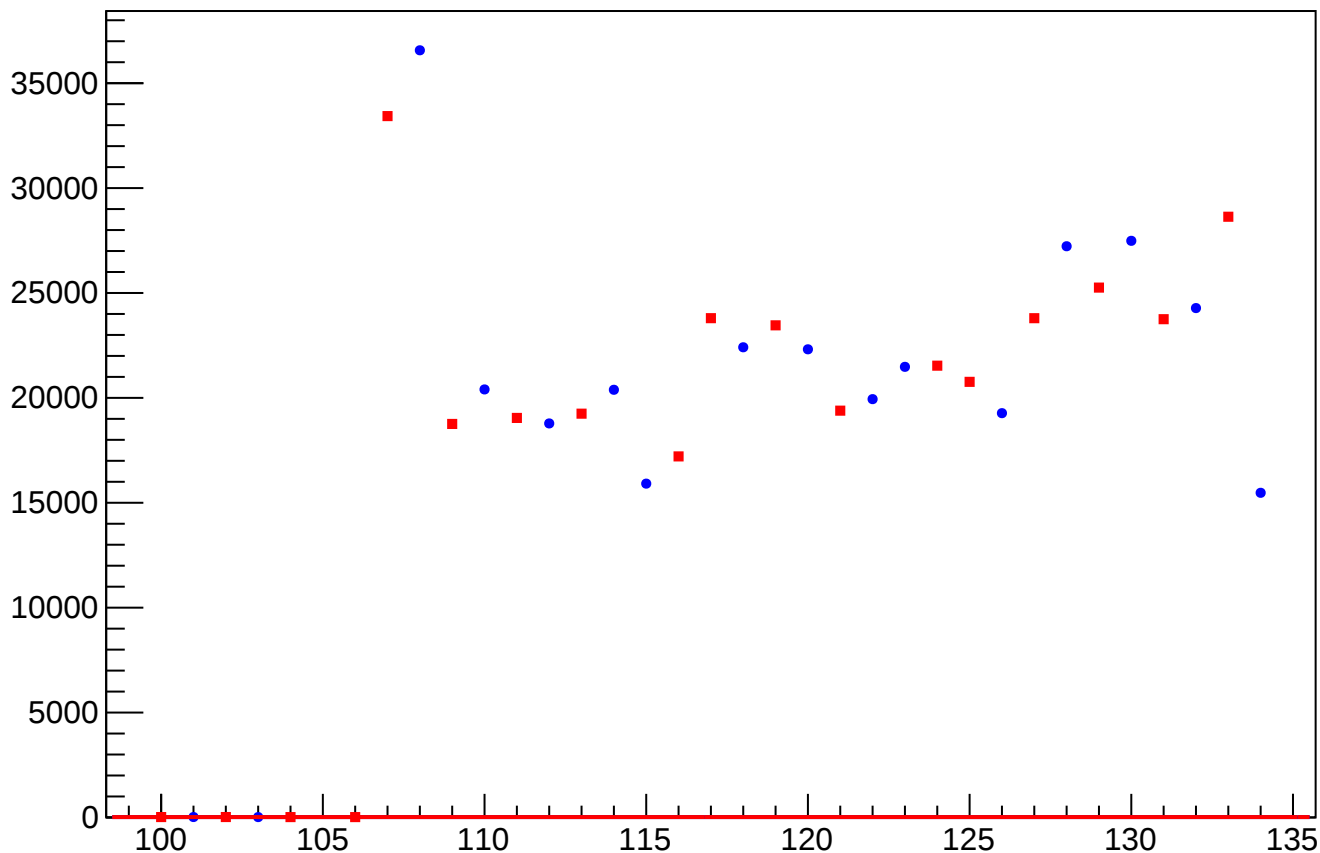
Right Out: 0.003 $\pm$ 0.016 χ^2 /NDF: 17.5/17

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

0.013 $\pm$ 0.017 χ^2 /NDF: 10.7/15

0.003 $\pm$ 0.016 χ^2 /NDF: 17.5/17

diff_cav4bX_rms vs Slug



Right In: 18.623+/-0.012 χ^2 /NDF: 9327057.8/15

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

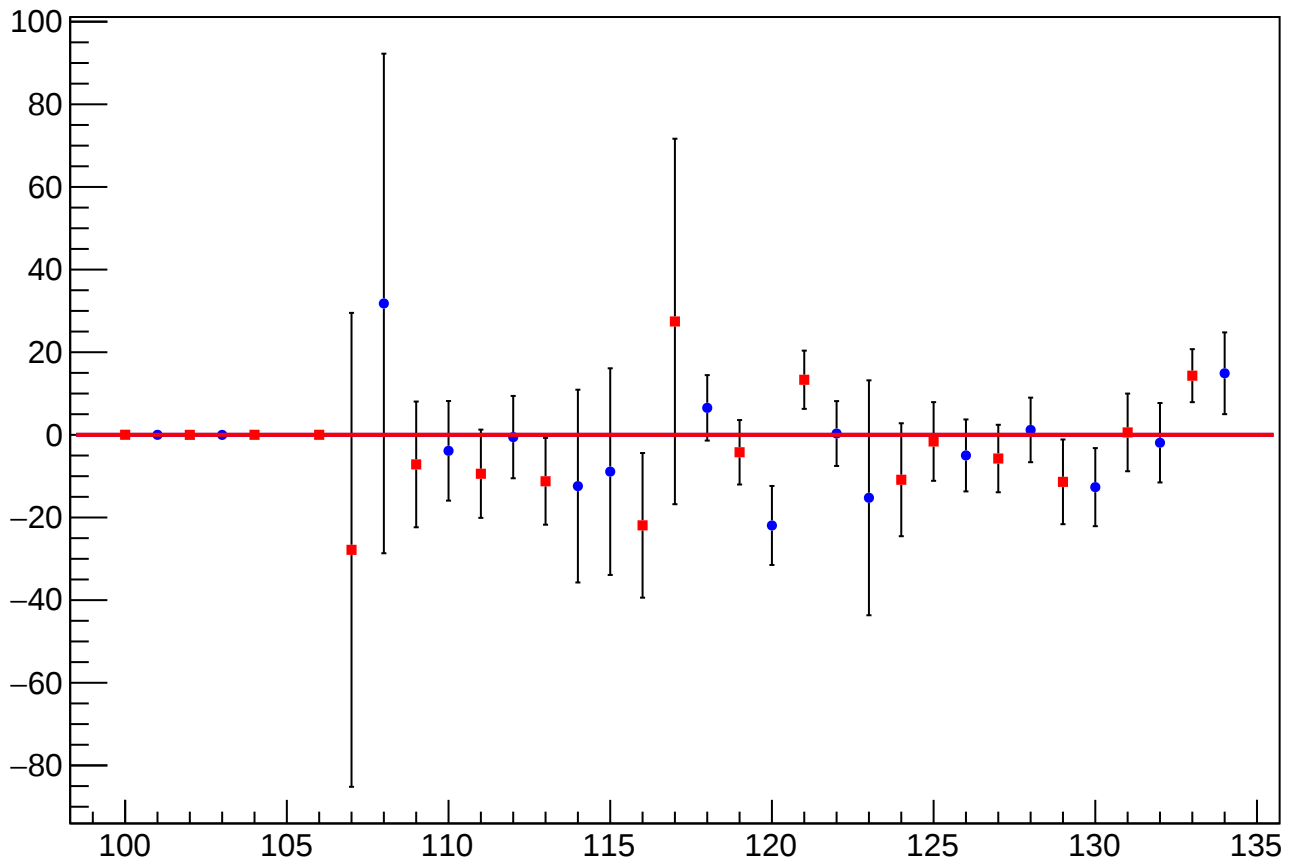
Right Out: 18.299+/-0.011 χ^2 /NDF: 9864855.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.623+/-0.012 χ^2 /NDF: 9327057.8/15

18.299+/-0.011 χ^2 /NDF: 9864855.0/17

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 12.6/15

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

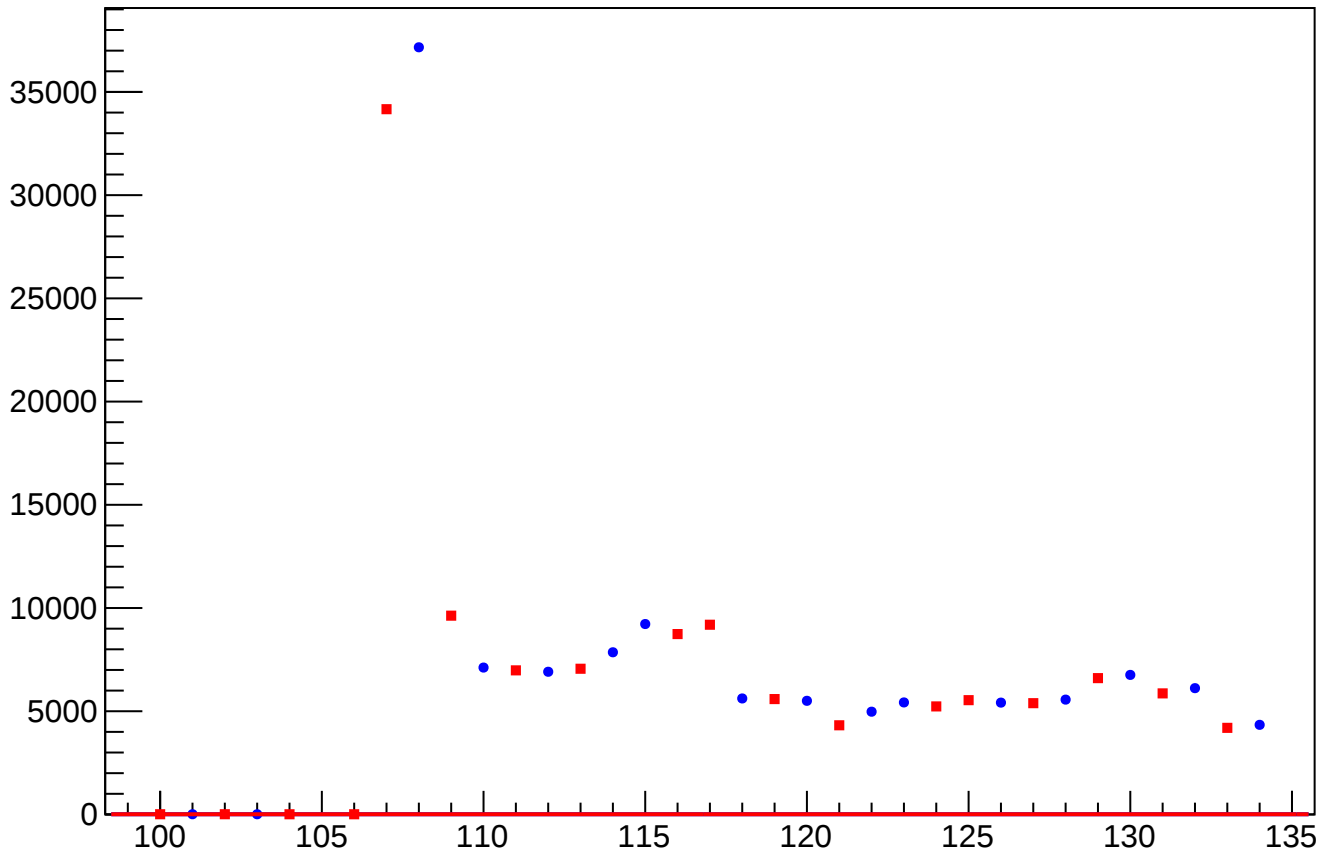
Right Out: 0.014+/-0.009 χ^2/NDF : 16.3/17

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

0.001+/-0.009 χ^2/NDF : 12.6/15

0.014+/-0.009 χ^2/NDF : 16.3/17

diff_cav4bY_rms vs Slug



Right In: 9.918+/-0.007 χ^2/NDF : 9449887.4/15

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

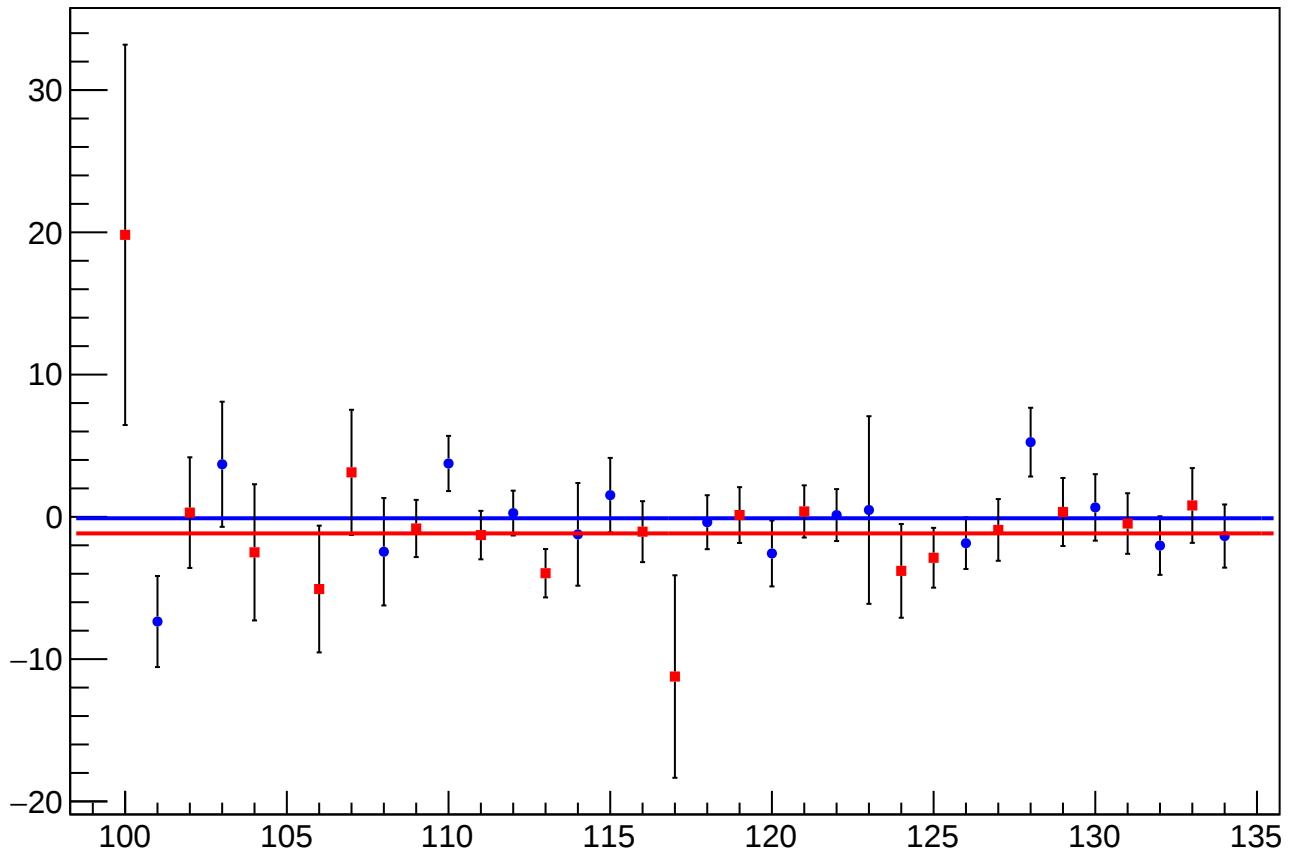
9.918+/-0.007 χ^2/NDF : 9449887.4/15

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

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

9.840+/-0.006 χ^2/NDF : 9918679.1/17

diff_cav4cX_mean vs Slug



Right In: -0.098 ± 0.578 χ^2/NDF : 19.1/15

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

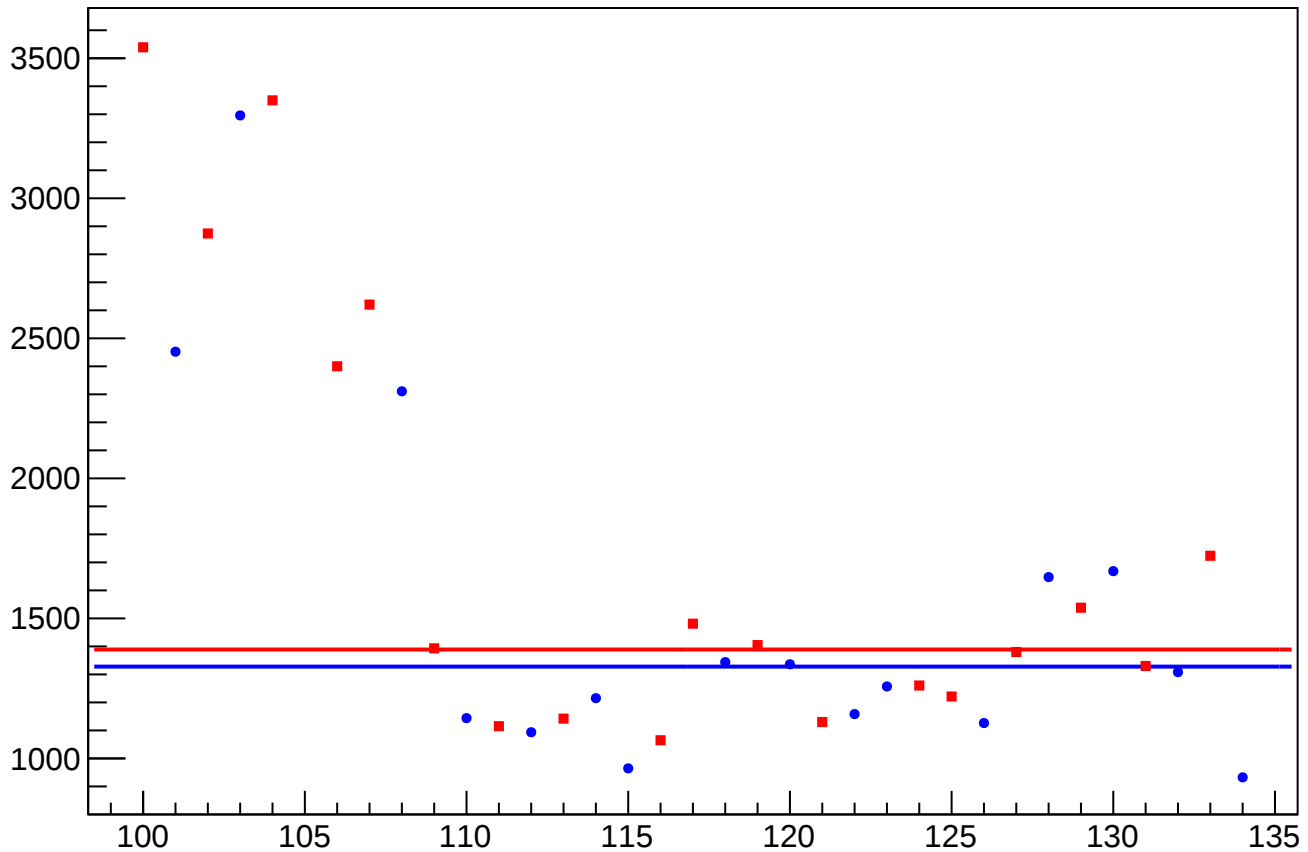
Right Out: -1.163 ± 0.575 χ^2/NDF : 12.7/17

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

-0.098 ± 0.578 χ^2/NDF : 19.1/15

-1.163 ± 0.575 χ^2/NDF : 12.7/17

diff_cav4cX_rms vs Slug



Right In: 1327.903 $\pm$ 0.409 χ^2 /NDF: 1069051.1/15

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

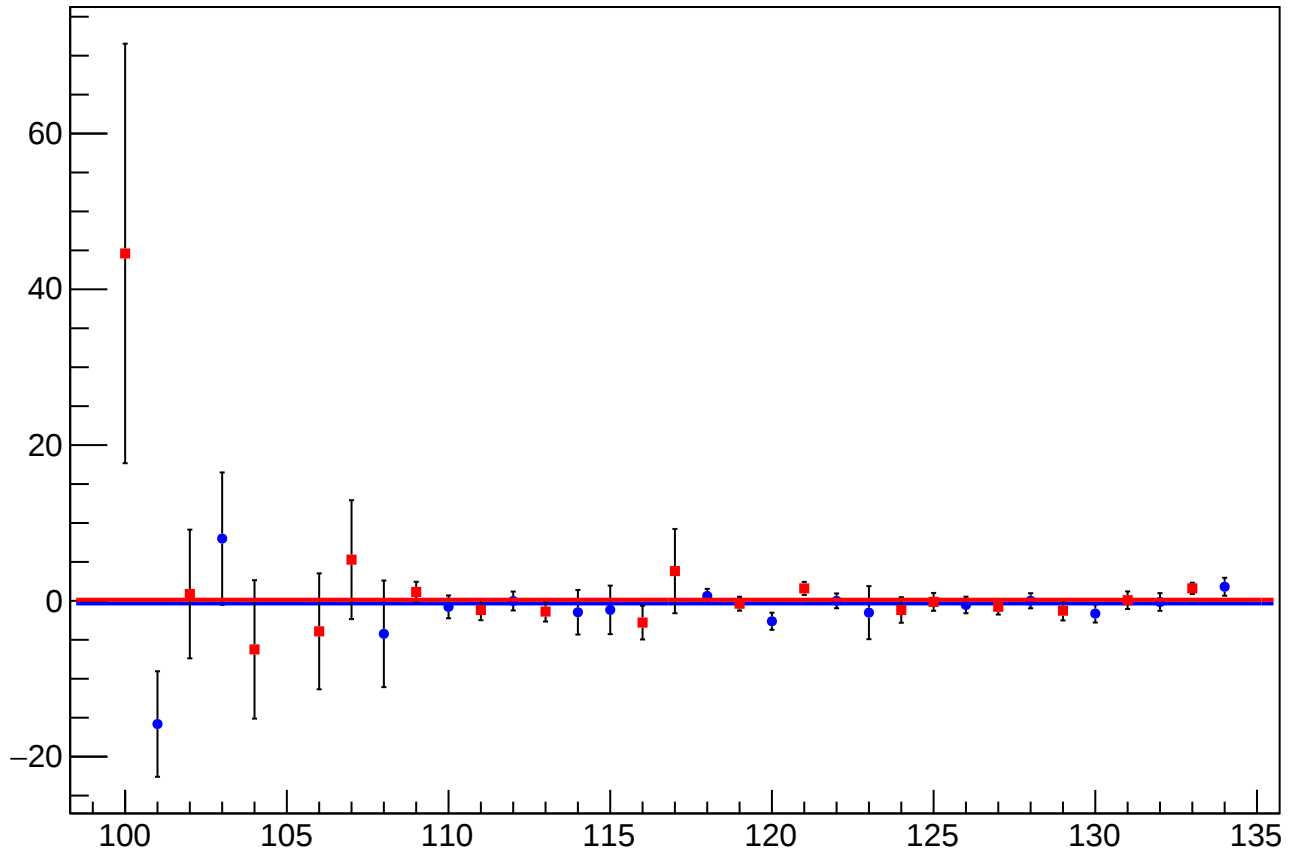
1327.903 $\pm$ 0.409 χ^2 /NDF: 1069051.1/15

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: -0.332+/-0.335 χ^2 /NDF: 17.5/15

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

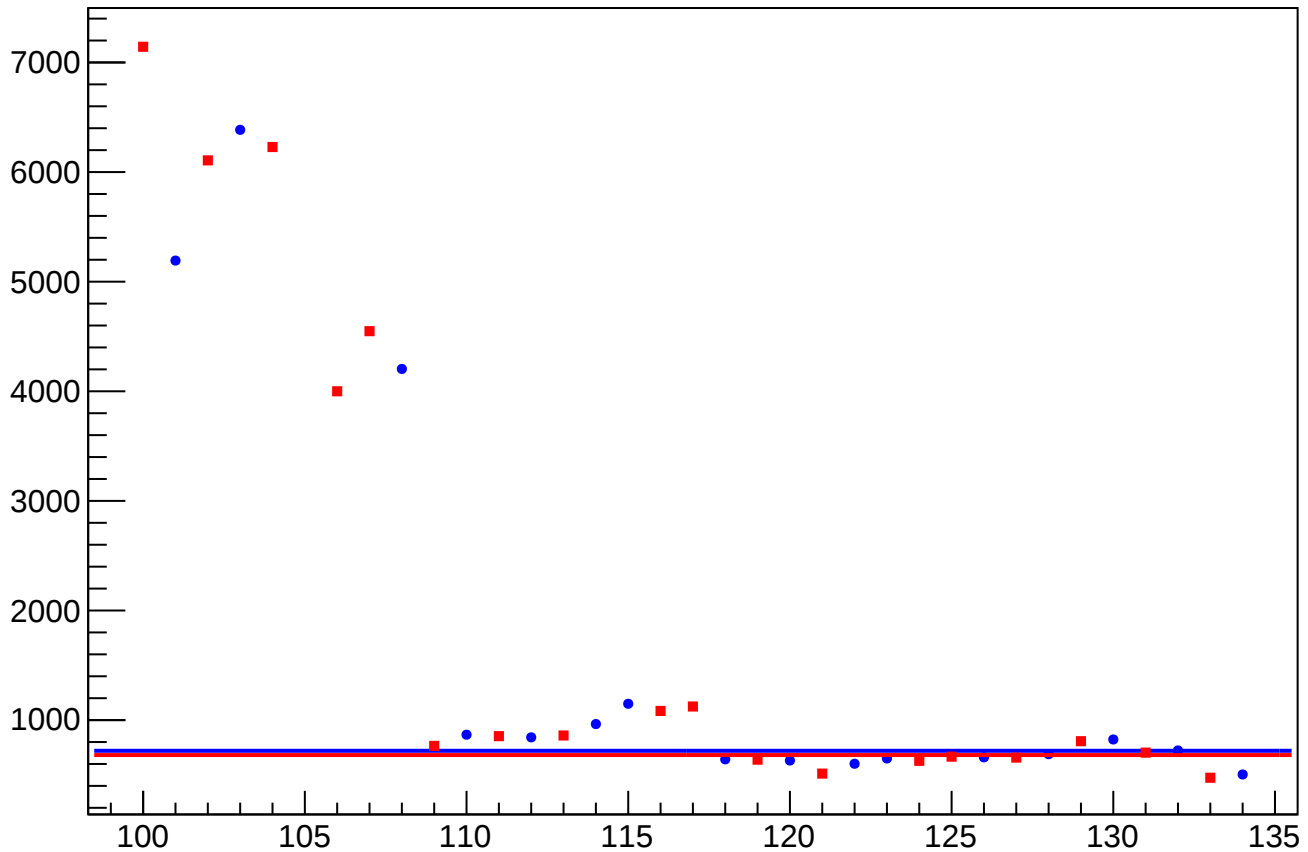
Right Out: 0.149+/-0.313 χ^2 /NDF: 19.5/17

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

-0.332+/-0.335 χ^2 /NDF: 17.5/15

0.149+/-0.313 χ^2 /NDF: 19.5/17

diff_cav4cY_rms vs Slug



Right In: 720.277 $\pm$ 0.237 χ^2 /NDF: 2526873.5/15

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

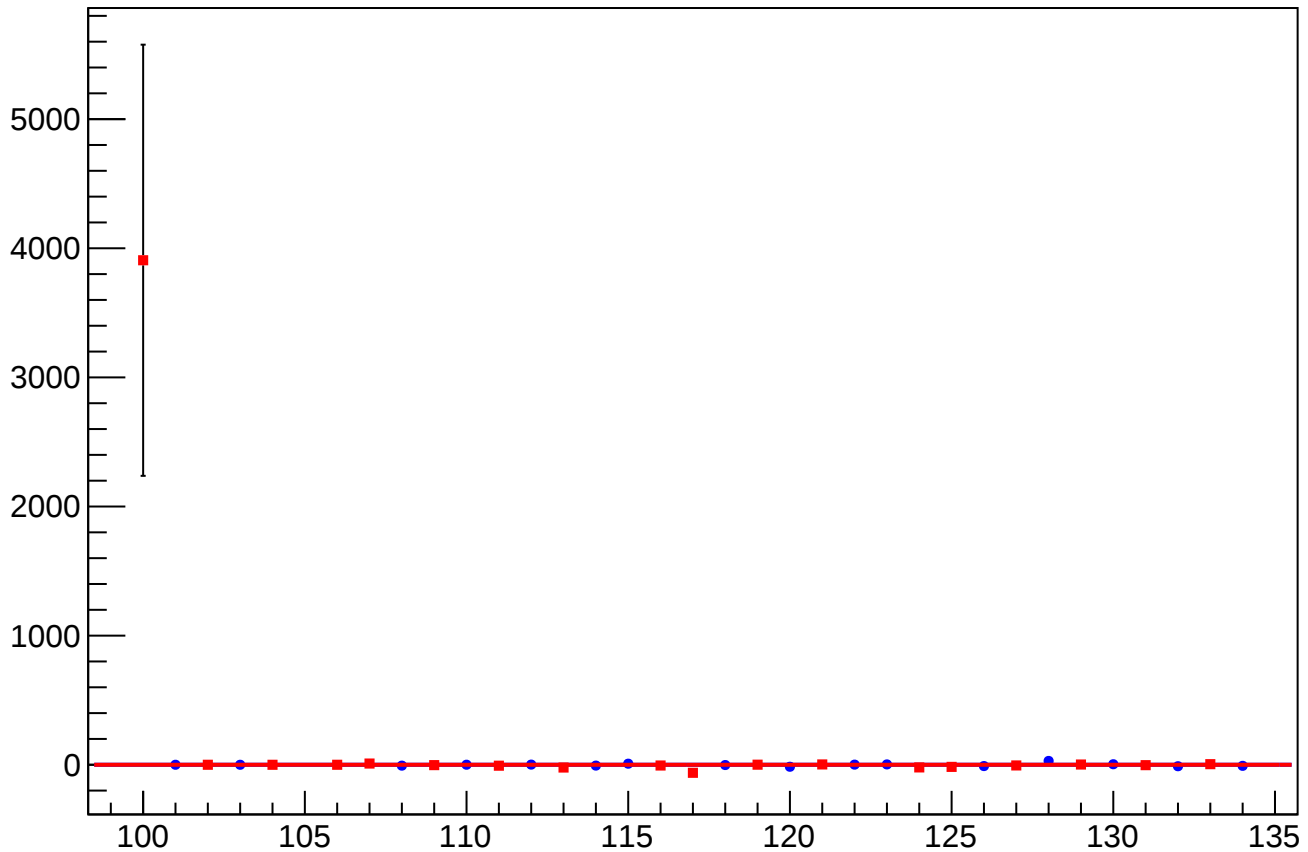
Right Out: 681.356 $\pm$ 0.221 χ^2 /NDF: 3104914.1/17

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

720.277 $\pm$ 0.237 χ^2 /NDF: 2526873.5/15

681.356 $\pm$ 0.221 χ^2 /NDF: 3104914.1/17

diff_cav4dX_mean vs Slug



Right In: -0.021+/-0.021 χ^2 /NDF: 10.0/15

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

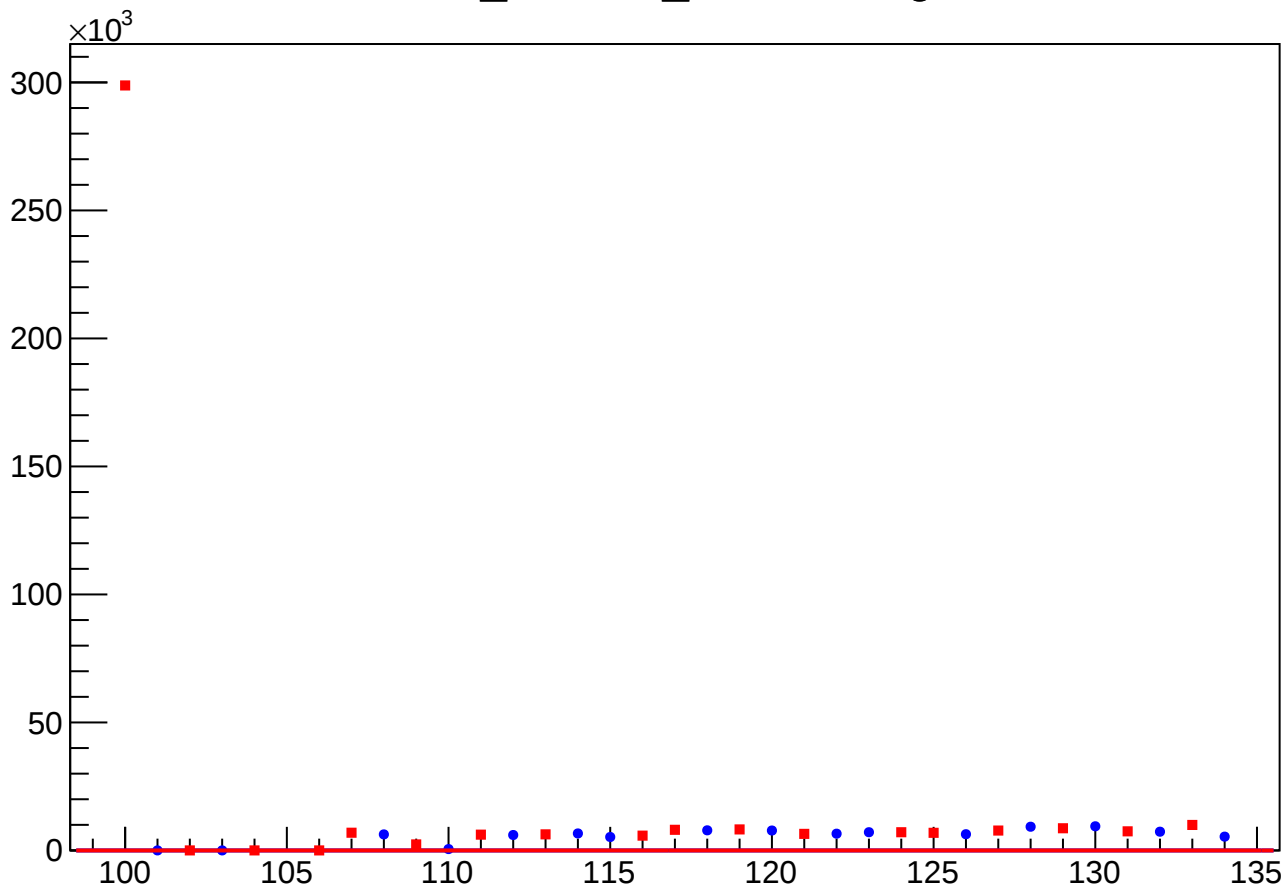
Right Out: -0.027+/-0.020 χ^2 /NDF: 19.6/17

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

-0.021+/-0.021 χ^2 /NDF: 10.0/15

-0.027+/-0.020 χ^2 /NDF: 19.6/17

diff_cav4dX_rms vs Slug



Right In: 17.264 $\pm$ 0.015 χ^2 /NDF: 8851421.8/15

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

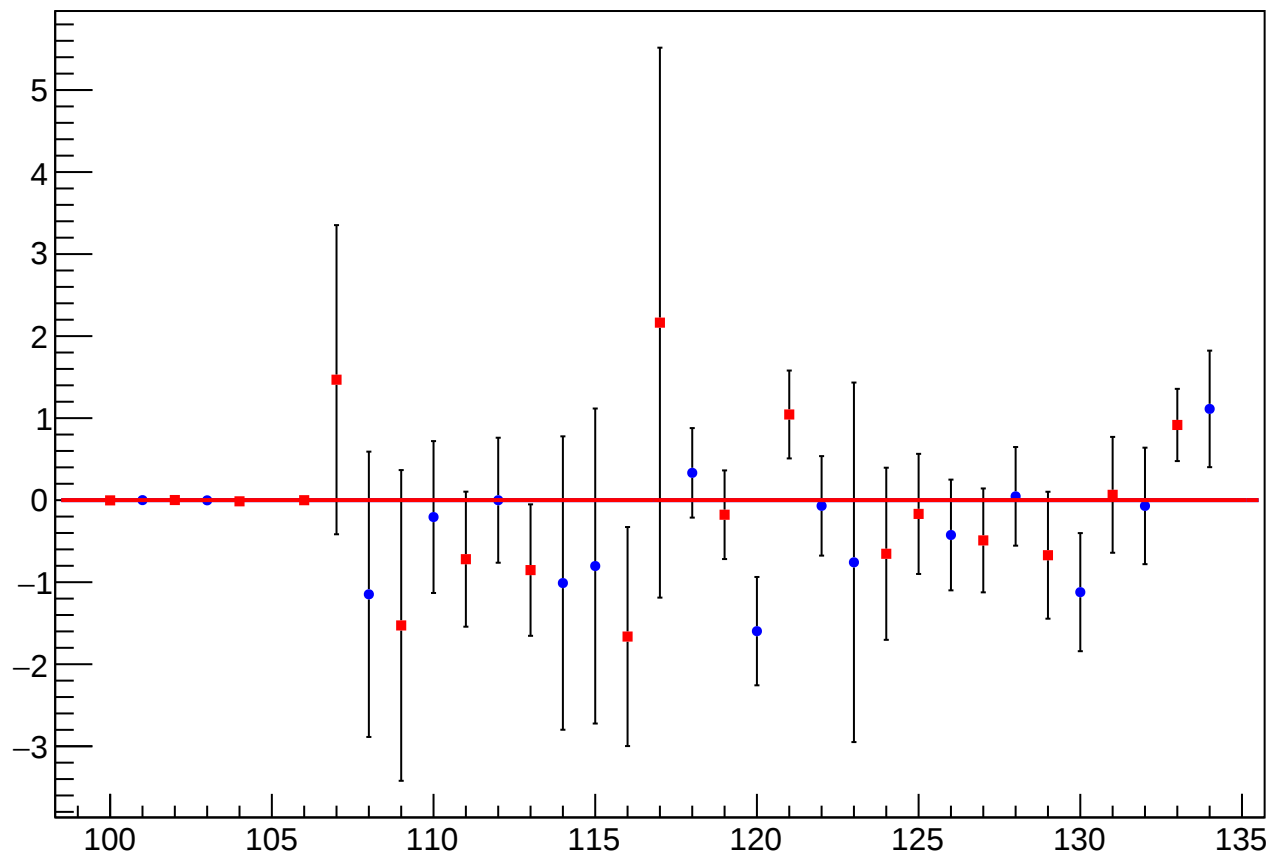
Right Out: 17.216 $\pm$ 0.014 χ^2 /NDF: 9580640.2/17

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

17.264 $\pm$ 0.015 χ^2 /NDF: 8851421.8/15

17.216 $\pm$ 0.014 χ^2 /NDF: 9580640.2/17

diff_cav4dY_mean vs Slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 12.8/15

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

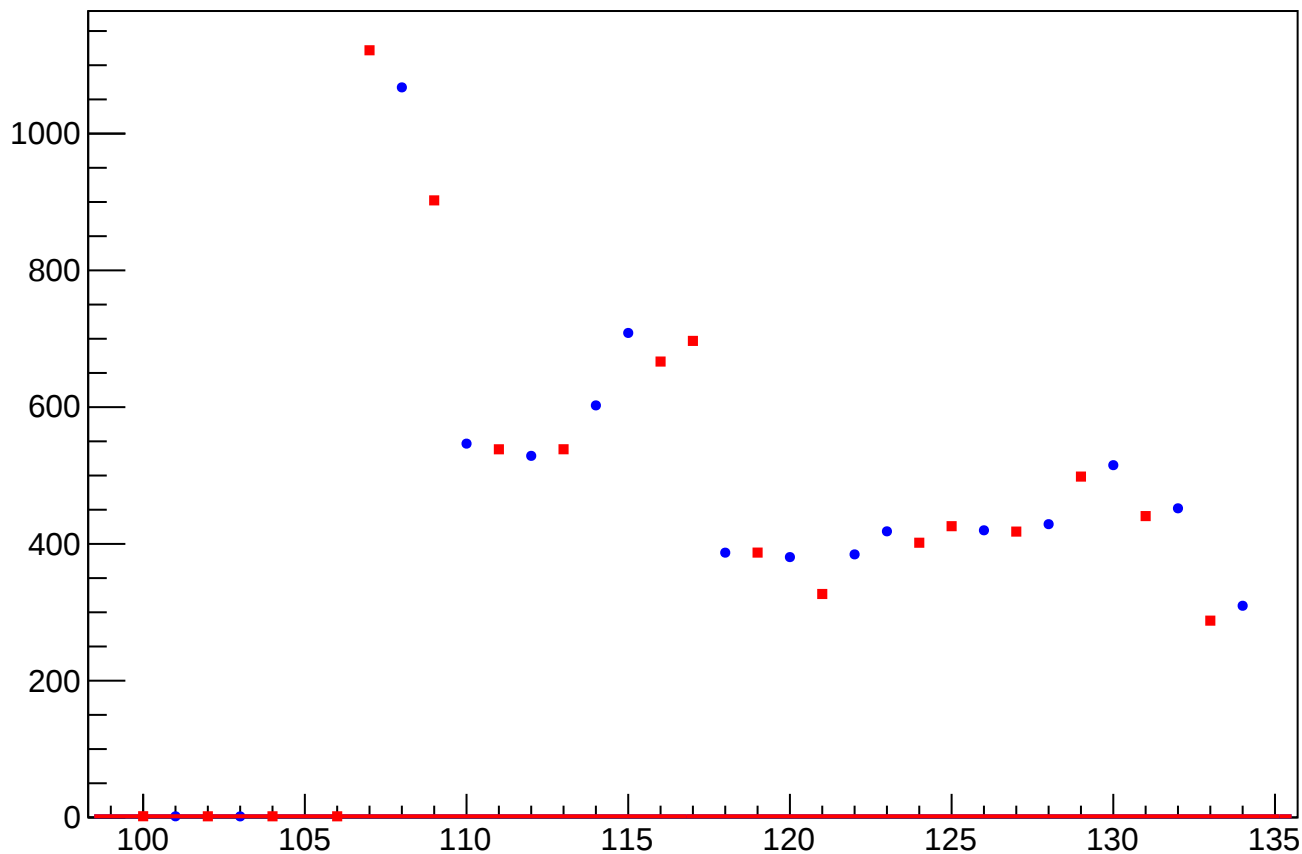
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 16.1/17

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

0.000 $\pm$ 0.002 χ^2 /NDF: 12.8/15

0.001 $\pm$ 0.002 χ^2 /NDF: 16.1/17

diff_cav4dY_rms vs Slug



Right In: 1.686+/-0.001 χ^2/NDF : 9402040.5/15

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

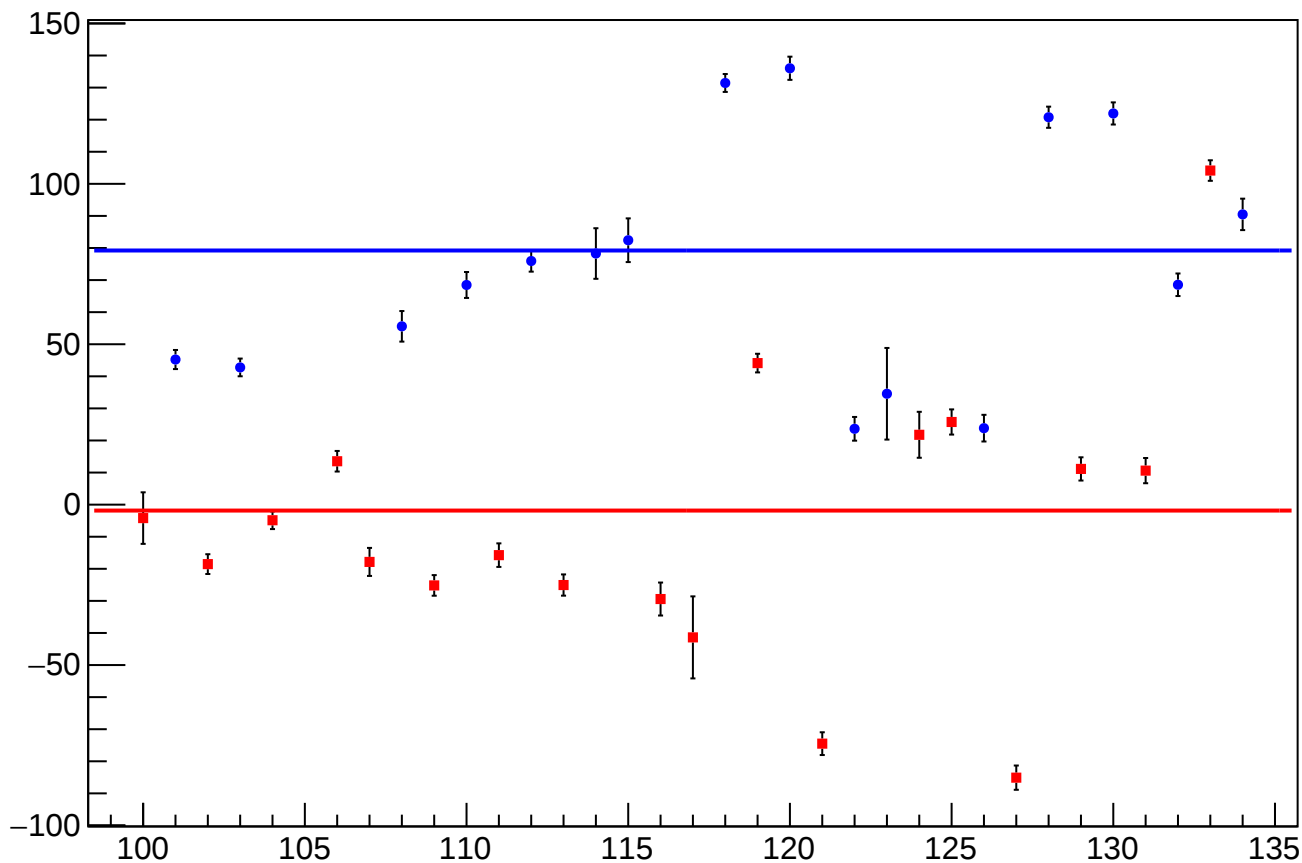
Right Out: 1.719+/-0.001 χ^2/NDF : 9511574.2/17

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

1.686+/-0.001 χ^2/NDF : 9402040.5/15

1.719+/-0.001 χ^2/NDF : 9511574.2/17

diff_bpm0i01X_mean vs Slug



Right In: 79.222 $\pm$ 0.946 χ^2 /NDF: 1674.4/15

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

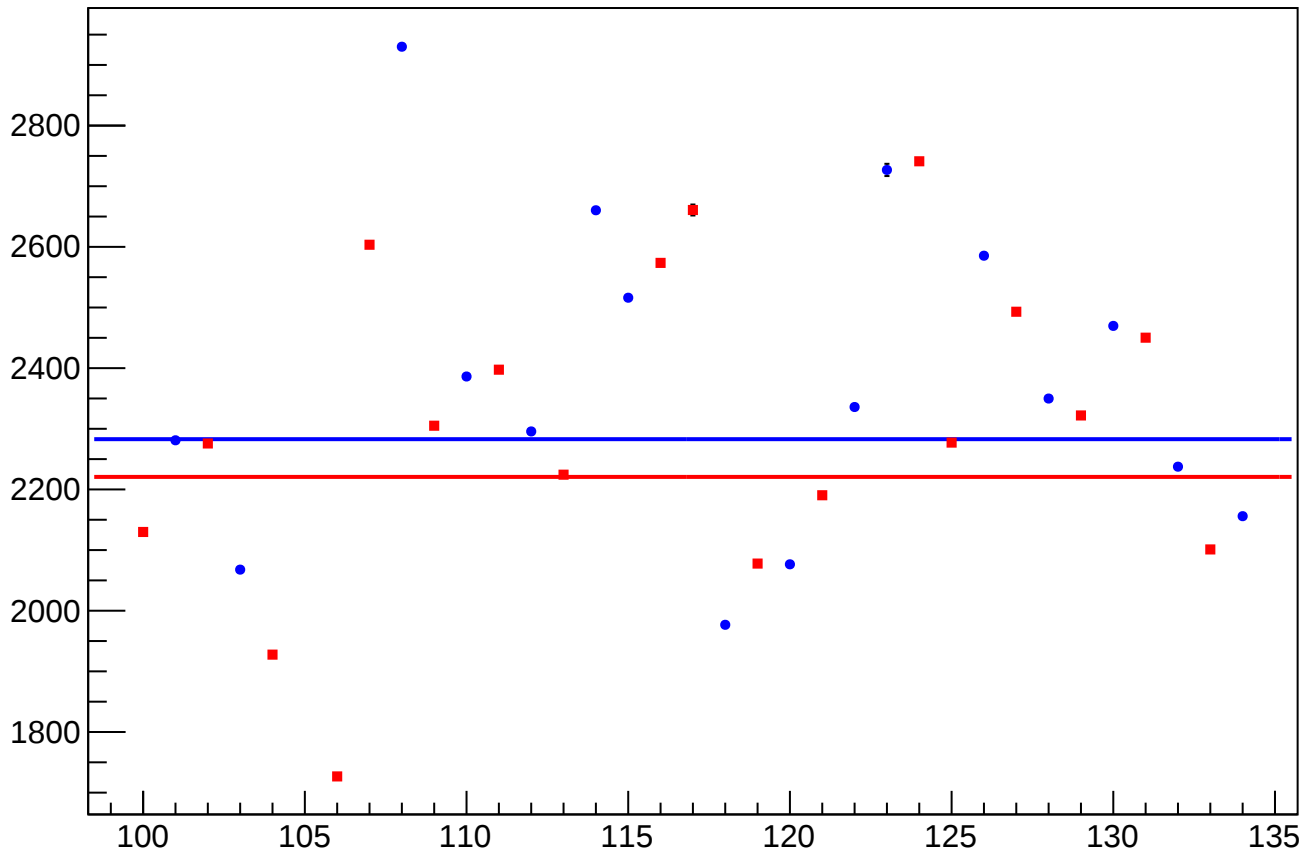
Right Out: -1.844 $\pm$ 0.877 χ^2 /NDF: 2554.4/17

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

79.222 $\pm$ 0.946 χ^2 /NDF: 1674.4/15

-1.844 $\pm$ 0.877 χ^2 /NDF: 2554.4/17

diff_bpm0i01X_rms vs Slug



Right In: 2282.884 $\pm$ 0.669 χ^2 /NDF: 109177.0/15

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

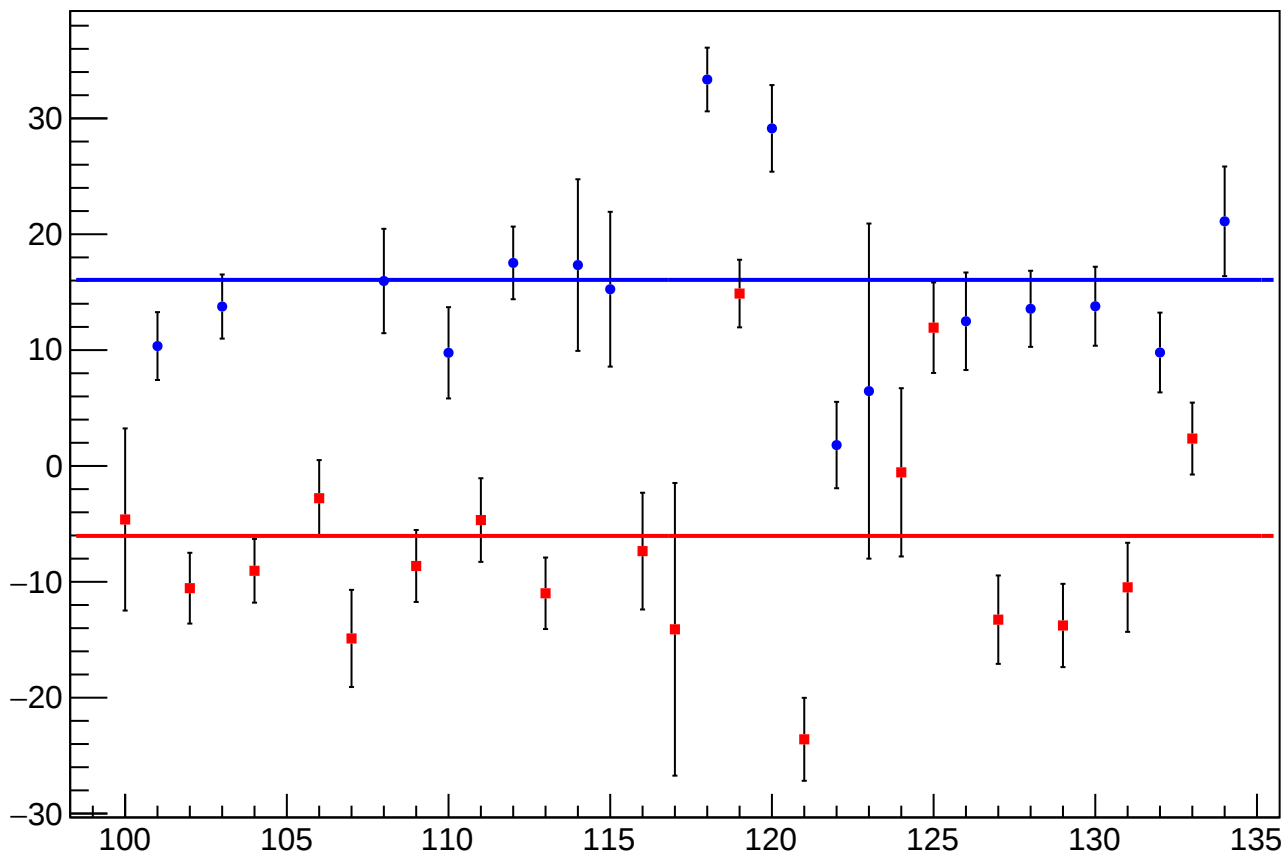
Right Out: 2220.668 $\pm$ 0.620 χ^2 /NDF: 141569.4/17

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

2282.884 $\pm$ 0.669 χ^2 /NDF: 109177.0/15

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

diff_bpm0i01Y_mean vs Slug



Right In: 16.061+/-0.933 χ^2/NDF : 80.4/15

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

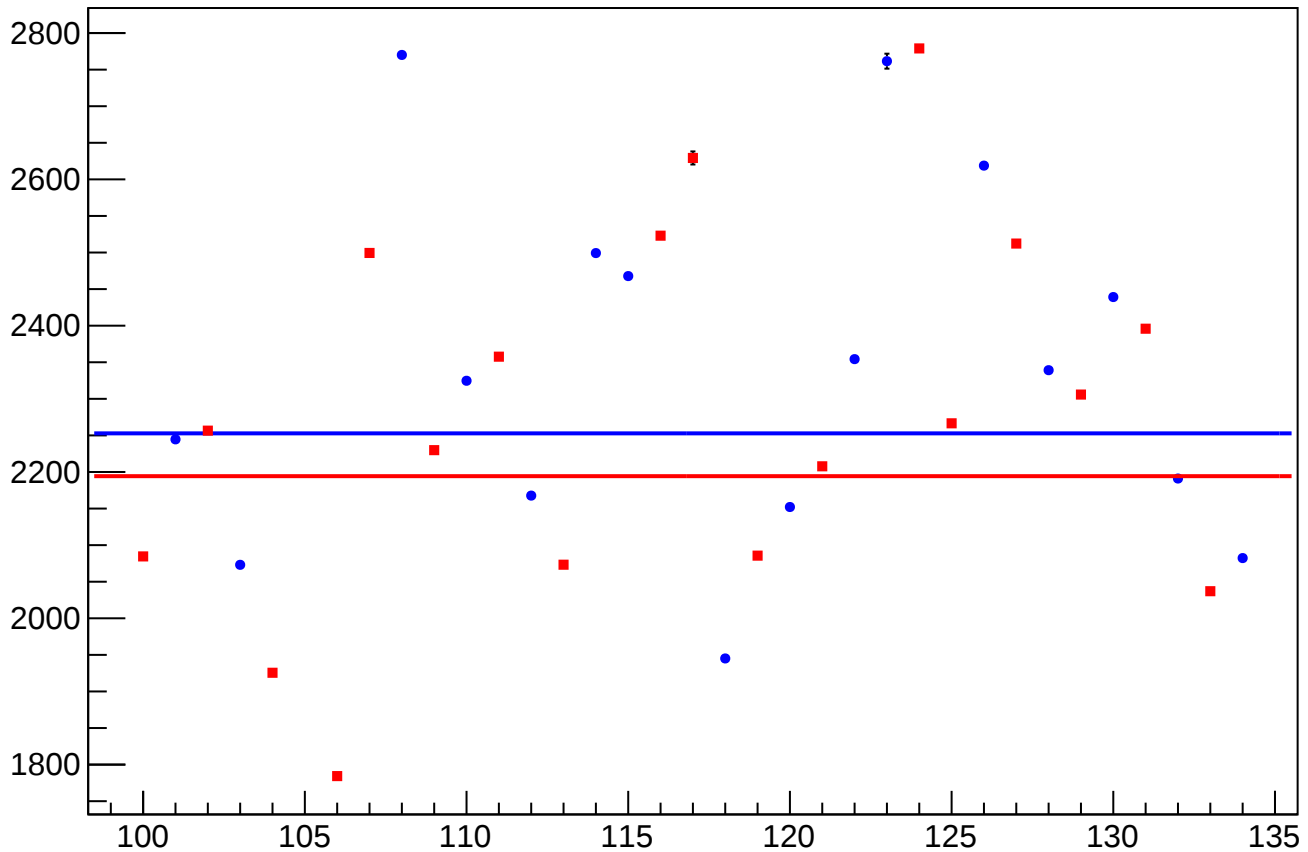
Right Out: -6.038+/-0.866 χ^2/NDF : 126.8/17

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

16.061+/-0.933 χ^2/NDF : 80.4/15

-6.038+/-0.866 χ^2/NDF : 126.8/17

diff_bpm0i01Y_rms vs Slug



Right In: 2252.805 $\pm$ 0.660 χ^2 /NDF: 97453.8/15

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

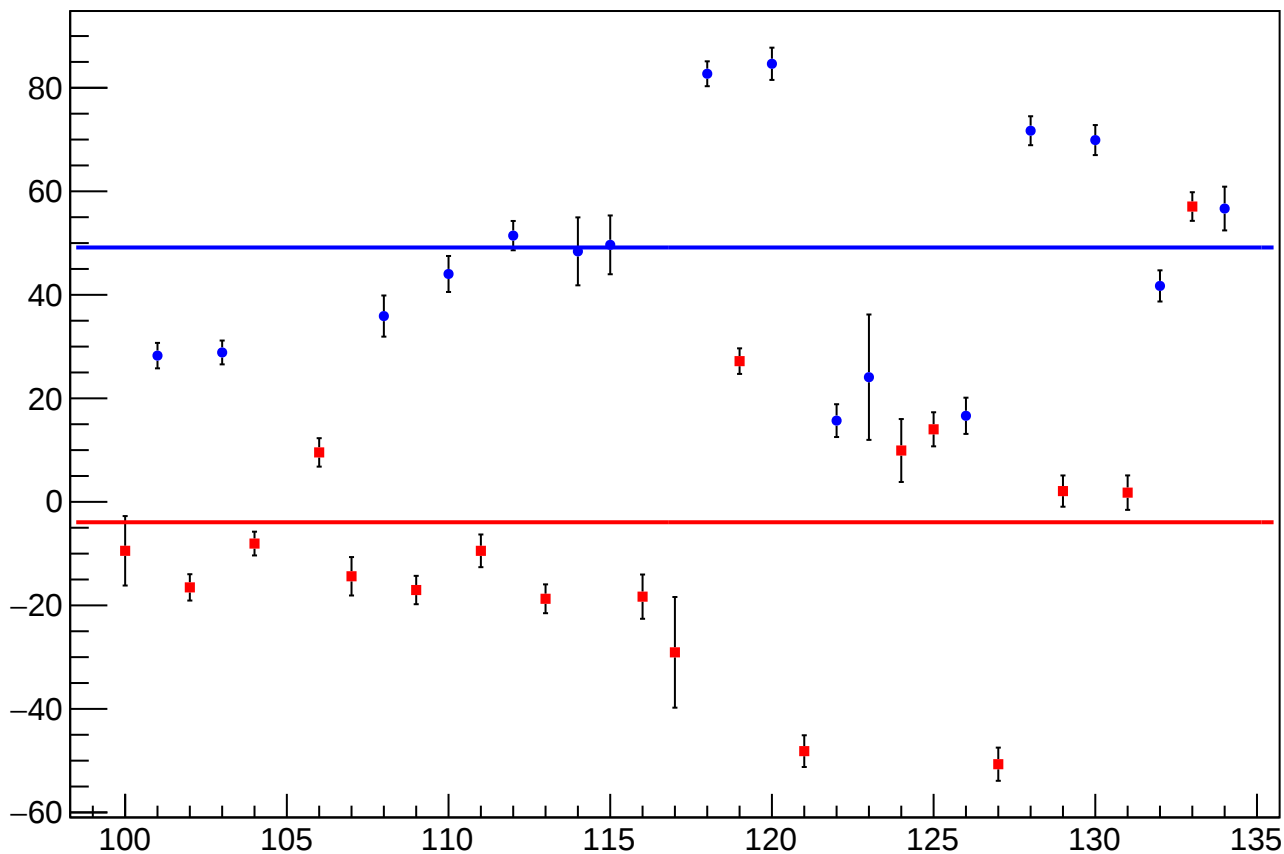
Right Out: 2194.285 $\pm$ 0.612 χ^2 /NDF: 123150.6/17

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

2252.805 $\pm$ 0.660 χ^2 /NDF: 97453.8/15

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

diff_bpm0i01aX_mean vs Slug



Right In: 49.150+/-0.802 χ^2/NDF : 815.9/15

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

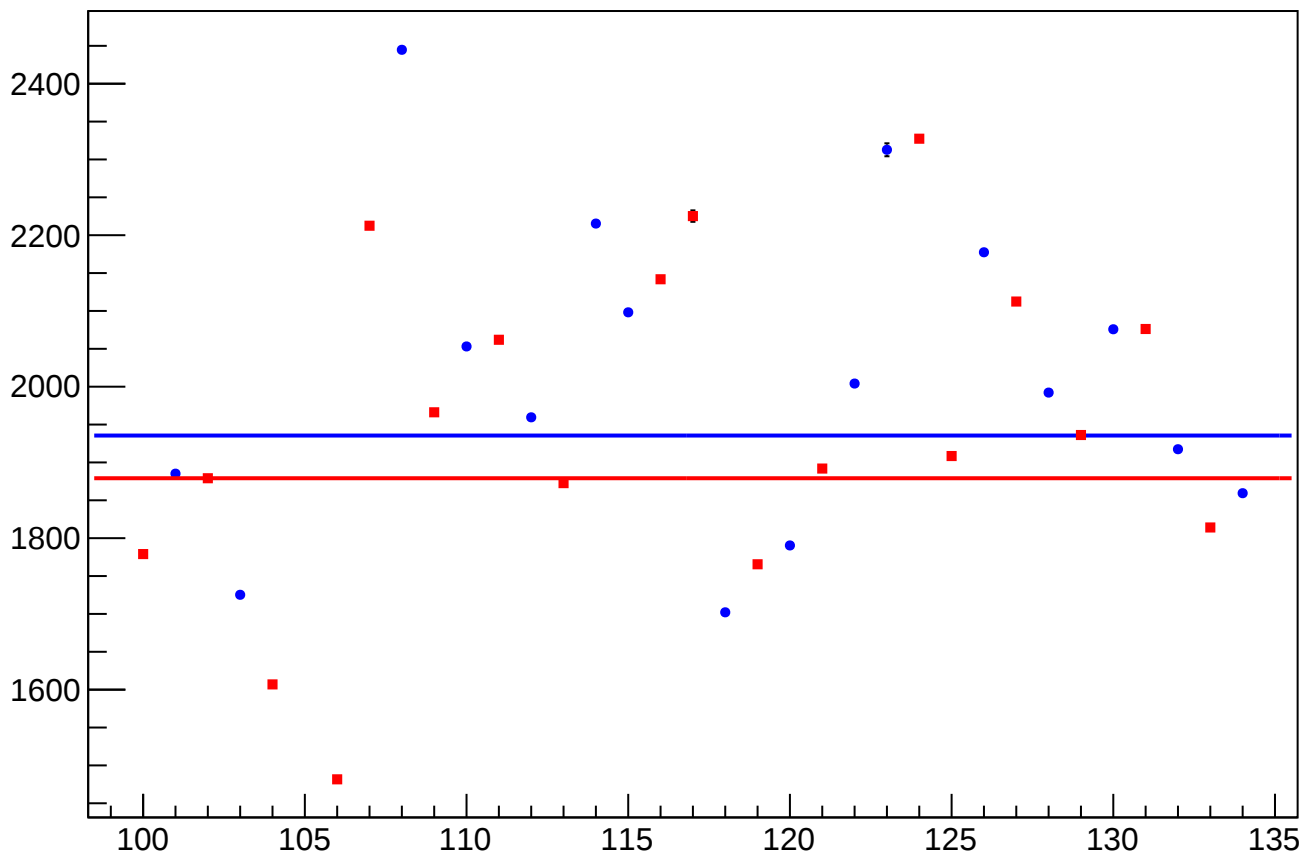
Right Out: -3.939+/-0.742 χ^2/NDF : 1239.1/17

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

49.150+/-0.802 χ^2/NDF : 815.9/15

-3.939+/-0.742 χ^2/NDF : 1239.1/17

diff_bpm0i01aX_rms vs Slug



Right In: 1935.499+/-0.567 χ^2/NDF : 99885.6/15

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

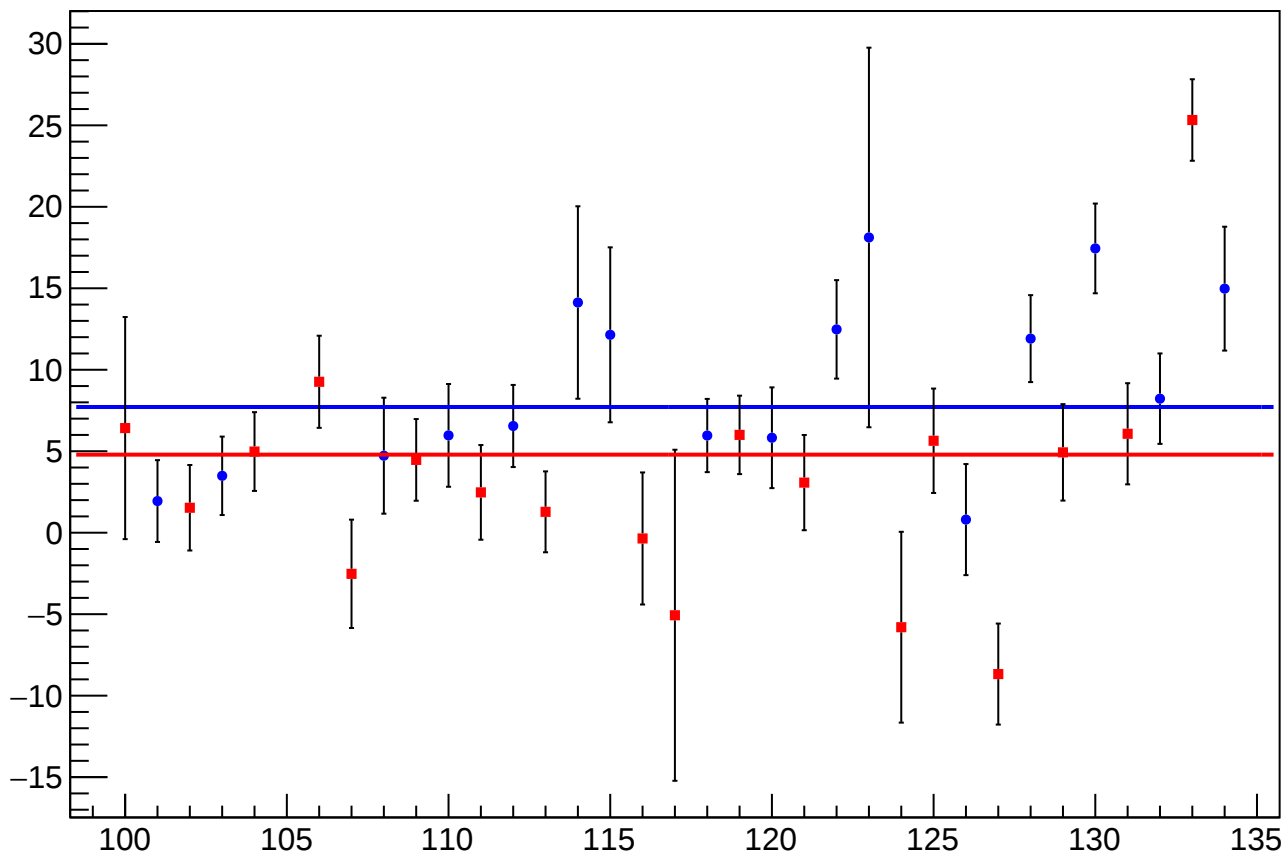
Right Out: 1879.135+/-0.525 χ^2/NDF : 139612.0/17

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

1935.499+/-0.567 χ^2/NDF : 99885.6/15

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

diff_bpm0i01aY_mean vs Slug



Right In: 7.714+/-0.765 χ^2/NDF : 38.5/15

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

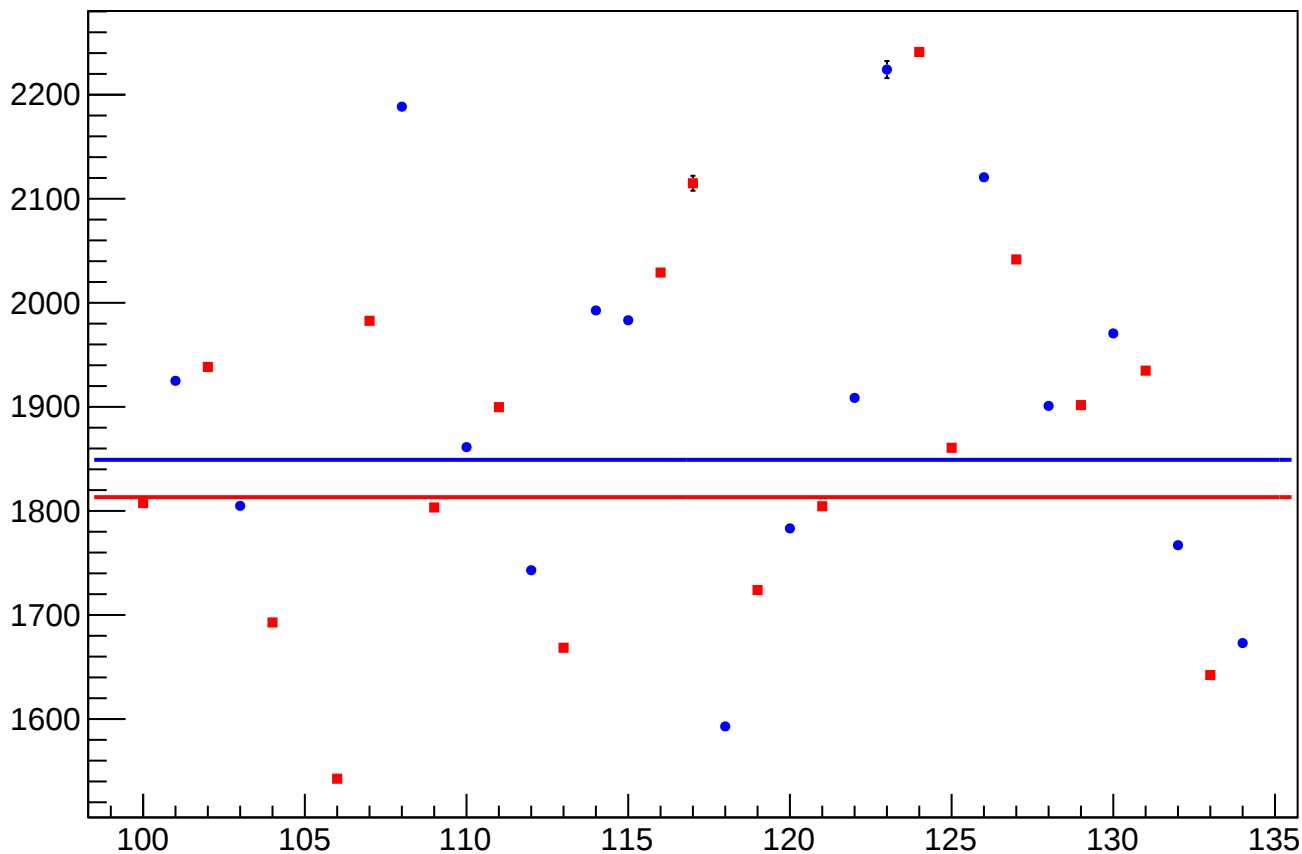
Right Out: 4.790+/-0.714 χ^2/NDF : 104.5/17

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

7.714+/-0.765 χ^2/NDF : 38.5/15

4.790+/-0.714 χ^2/NDF : 104.5/17

diff_bpm0i01aY_rms vs Slug



Right In: 1849.124+/-0.541 χ^2/NDF : 79842.0/15

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

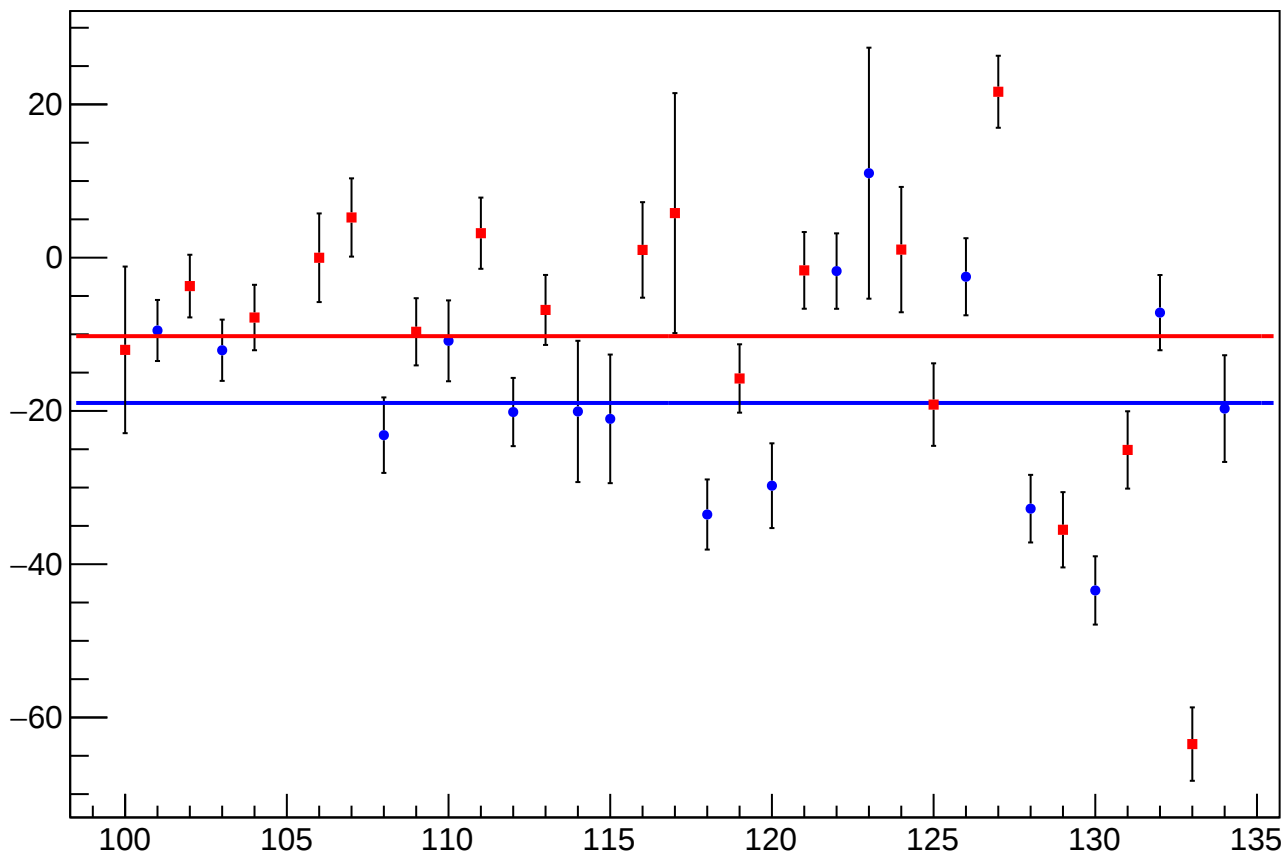
Right Out: 1813.235+/-0.505 χ^2/NDF : 88035.0/17

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

1849.124+/-0.541 χ^2/NDF : 79842.0/15

1813.235+/-0.505 χ^2/NDF : 88035.0/17

diff_bpm0l01X_mean vs Slug



Right In: -18.959+/-1.282 χ^2/NDF : 97.7/15

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

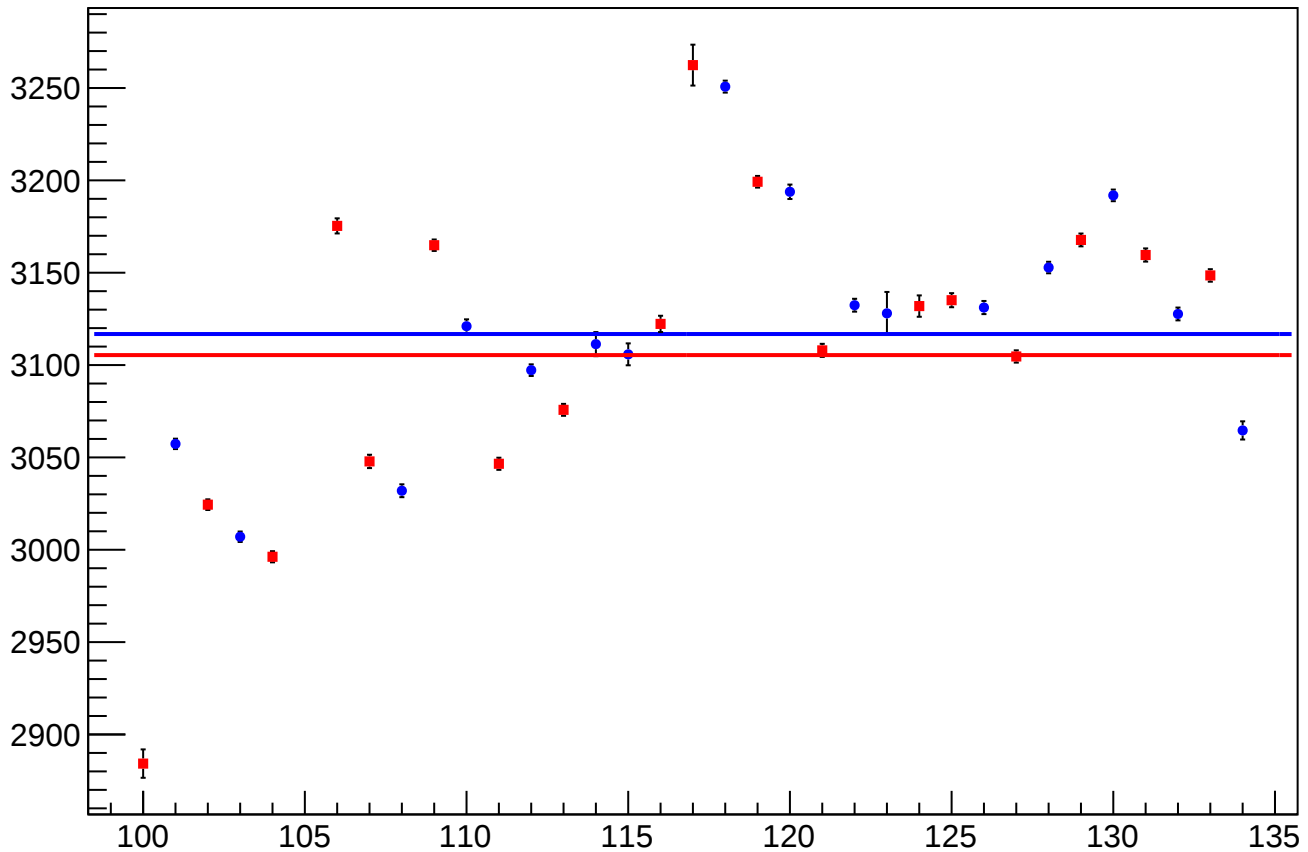
Right Out: -10.242+/-1.216 χ^2/NDF : 242.2/17

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

-18.959+/-1.282 χ^2/NDF : 97.7/15

-10.242+/-1.216 χ^2/NDF : 242.2/17

diff_bpm0l01X_rms vs Slug



Right In: 3116.799 $\pm$ 0.907 χ^2 /NDF: 5552.9/15

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

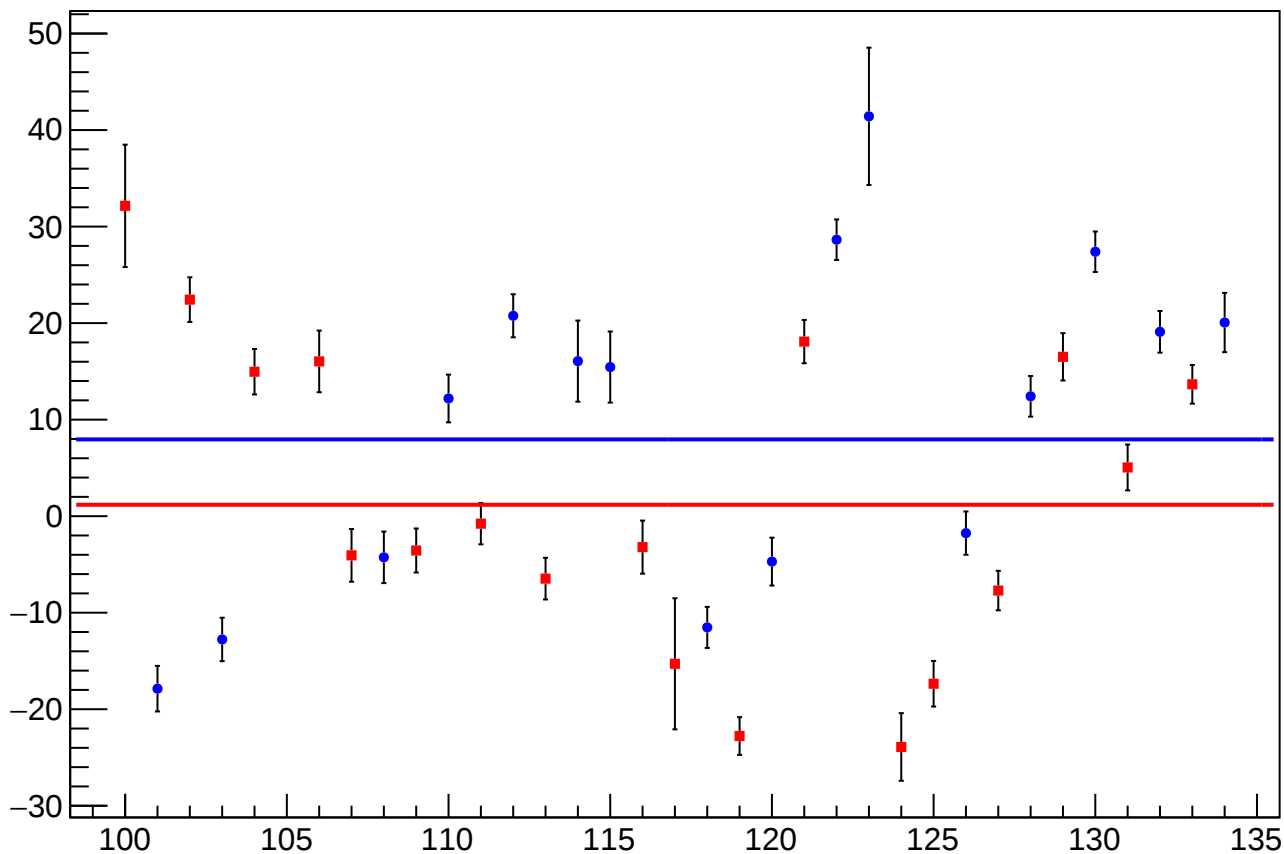
Right Out: 3105.396 $\pm$ 0.860 χ^2 /NDF: 6139.7/17

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

3116.799 $\pm$ 0.907 χ^2 /NDF: 5552.9/15

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

diff_bpm0l01Y_mean vs Slug



Right In: 7.952+/-0.618 χ^2/NDF : 649.7/15

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

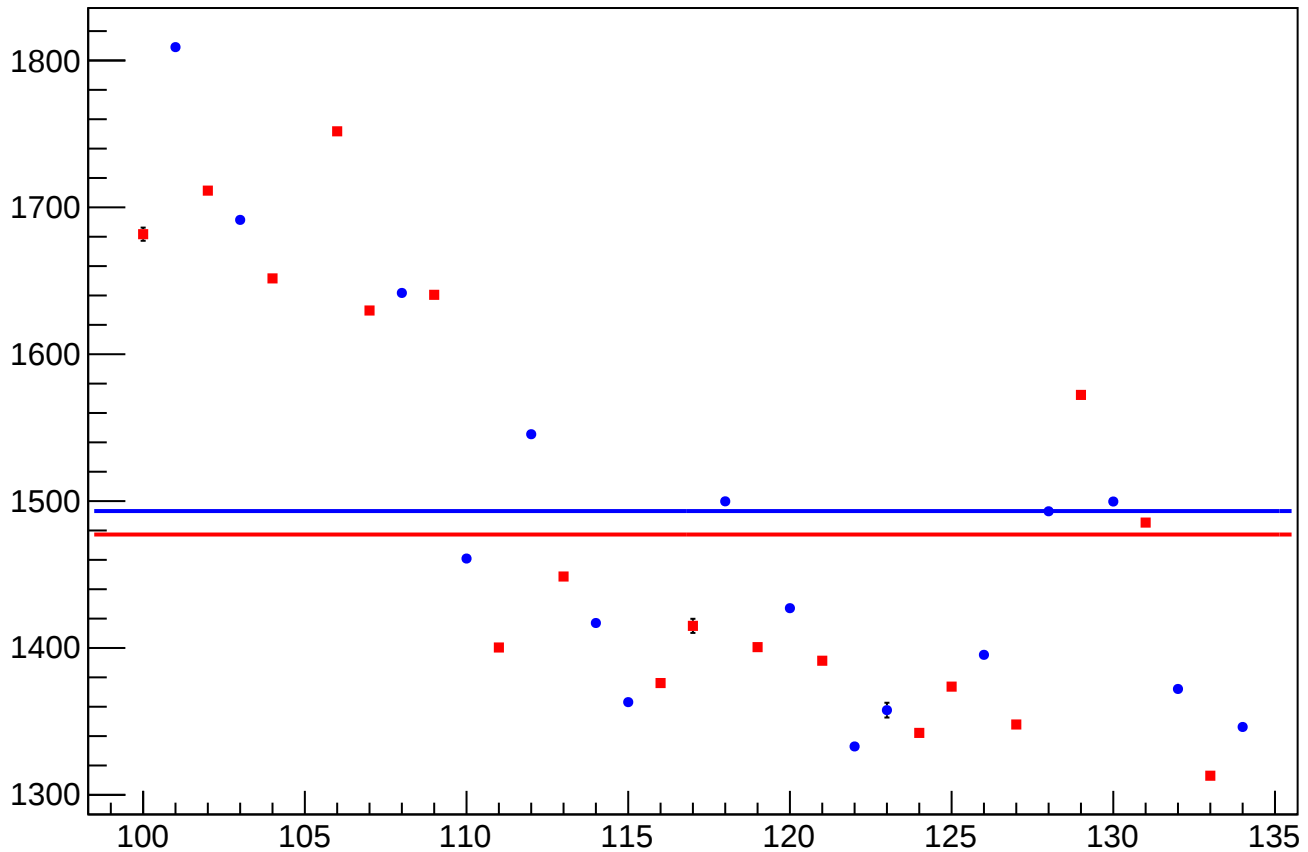
Right Out: 1.182+/-0.582 χ^2/NDF : 612.8/17

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

7.952+/-0.618 χ^2/NDF : 649.7/15

1.182+/-0.582 χ^2/NDF : 612.8/17

diff_bpm0l01Y_rms vs Slug



Right In: 1493.222+/-0.437 χ^2/NDF : 90617.4/15

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

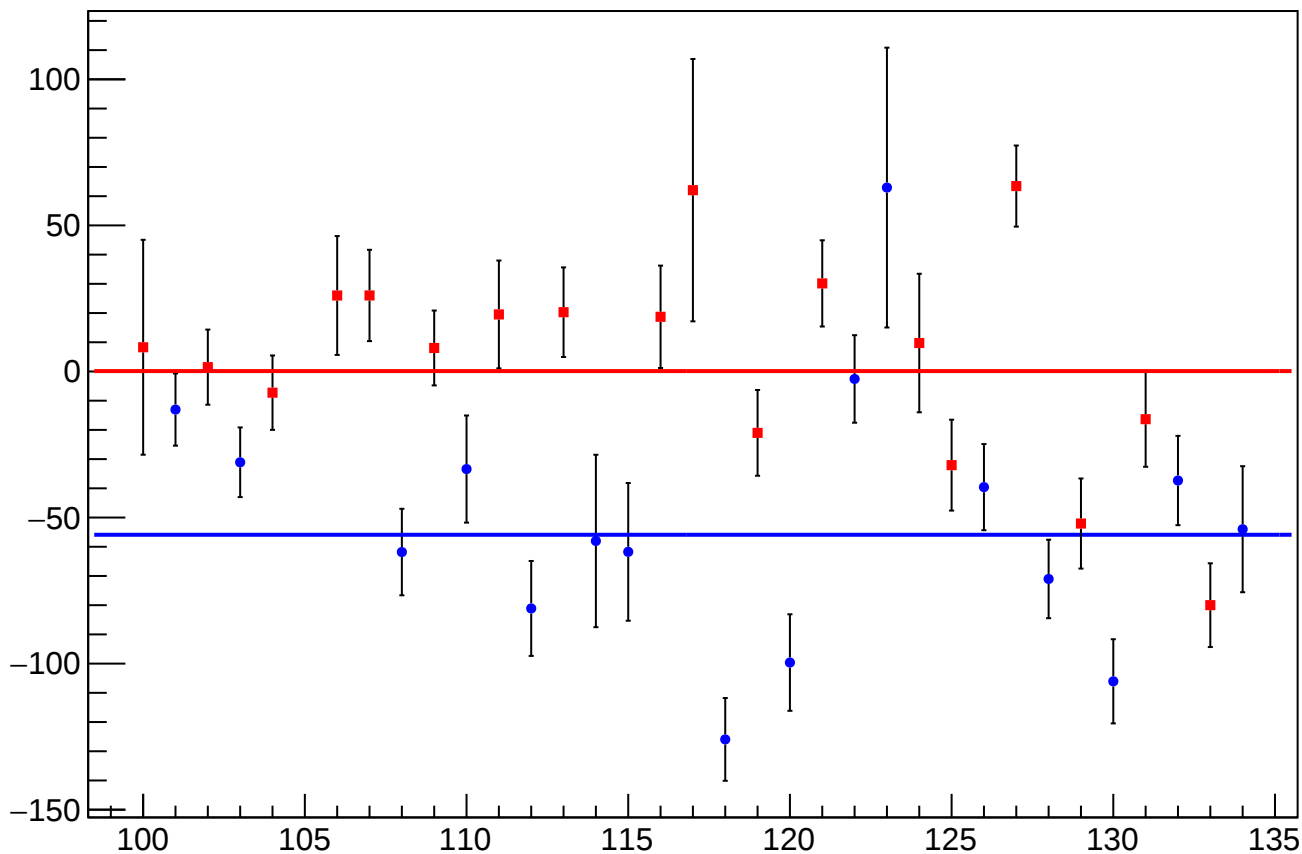
Right Out: 1477.248+/-0.411 χ^2/NDF : 107855.2/17

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

1493.222+/-0.437 χ^2/NDF : 90617.4/15

1477.248+/-0.411 χ^2/NDF : 107855.2/17

diff_bpm0l02X_mean vs Slug



Right In: -55.894+/-3.991 χ^2/NDF : 86.9/15

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

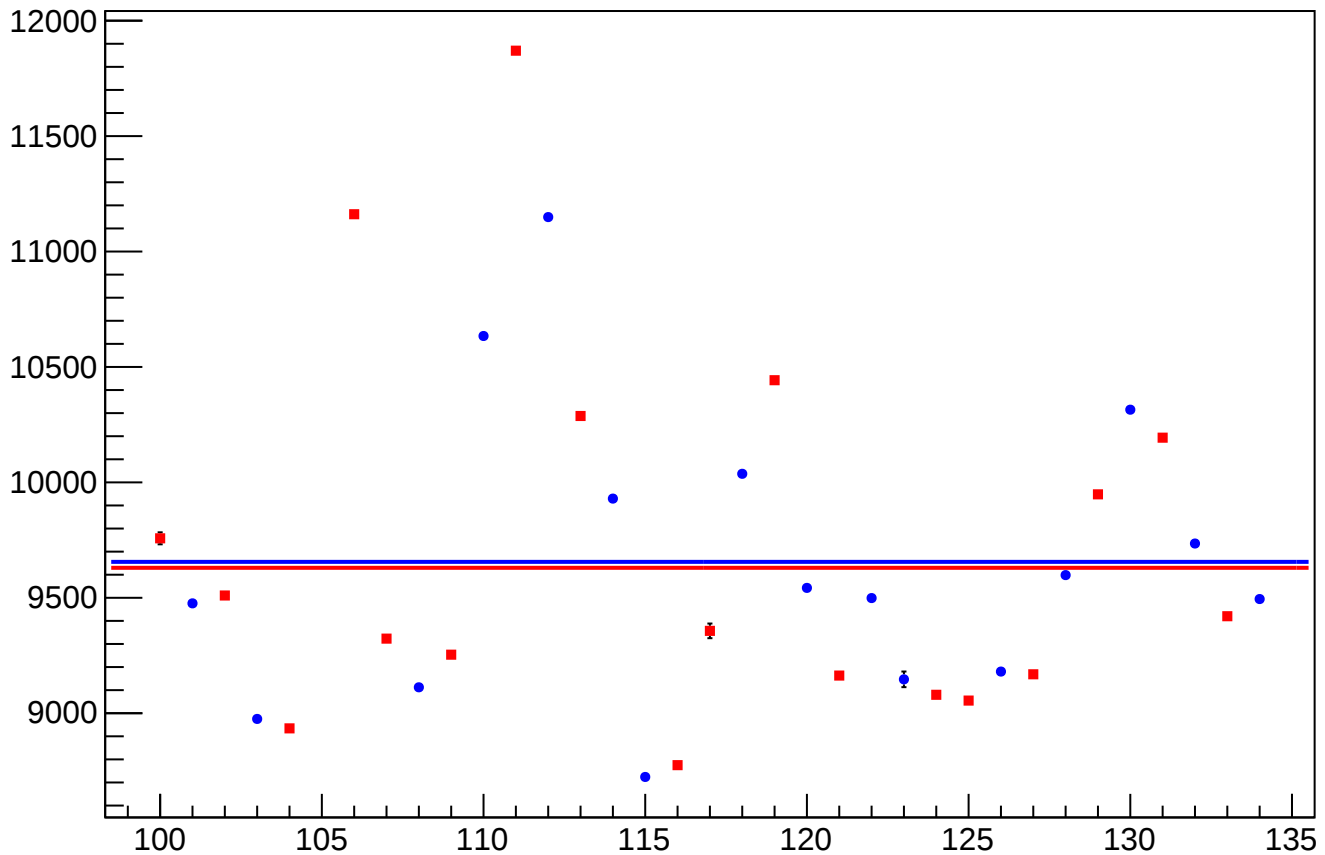
Right Out: 0.135+/-3.788 χ^2/NDF : 86.2/17

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

-55.894+/-3.991 χ^2/NDF : 86.9/15

0.135+/-3.788 χ^2/NDF : 86.2/17

diff_bpm0l02X_rms vs Slug



Right In: 9655.690+/-2.822 χ^2 /NDF: 43976.4/15

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

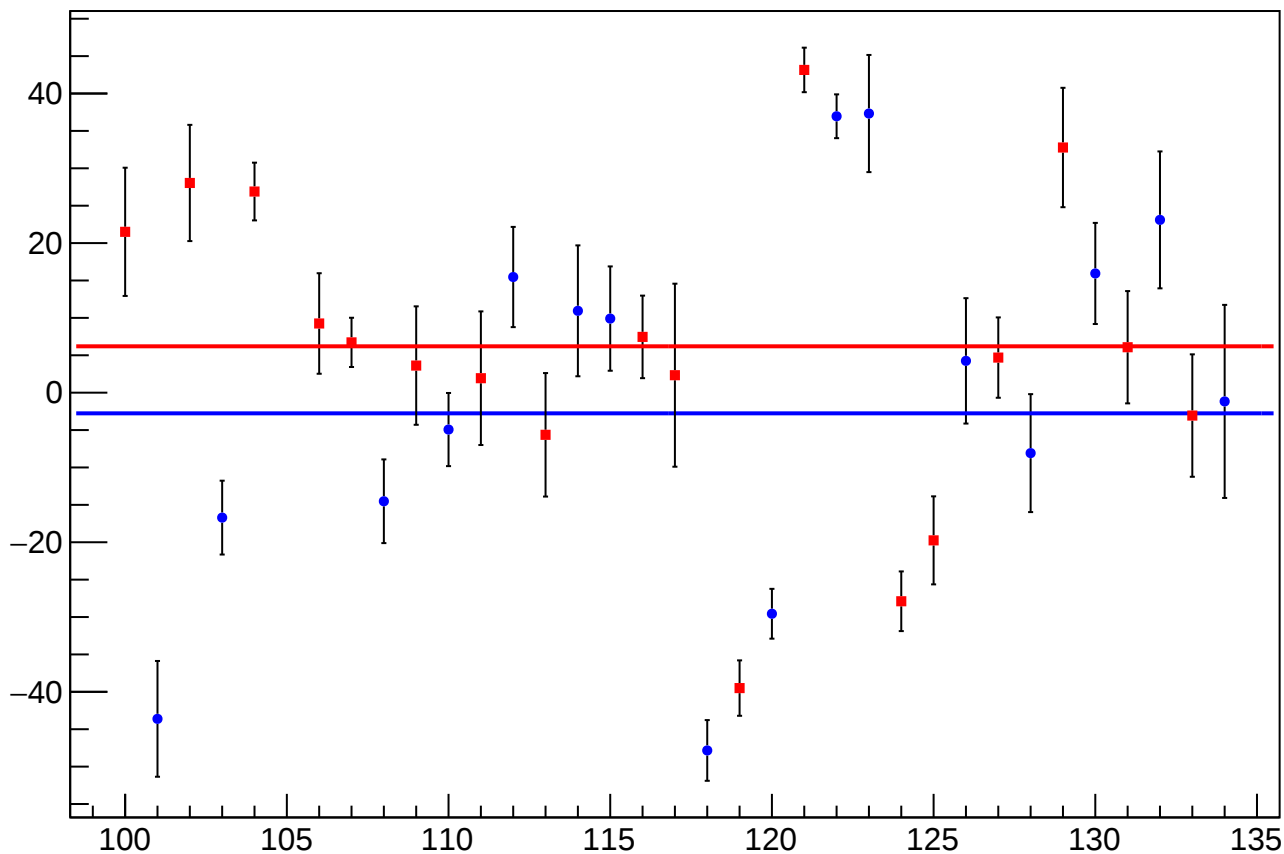
Right Out: 9629.952+/-2.679 χ^2 /NDF: 75809.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

9655.690+/-2.822 χ^2 /NDF: 43976.4/15

9629.952+/-2.679 χ^2 /NDF: 75809.6/17

diff_bpm0l02Y_mean vs Slug



Right In: -2.763+/-1.359 χ^2/NDF : 468.6/15

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

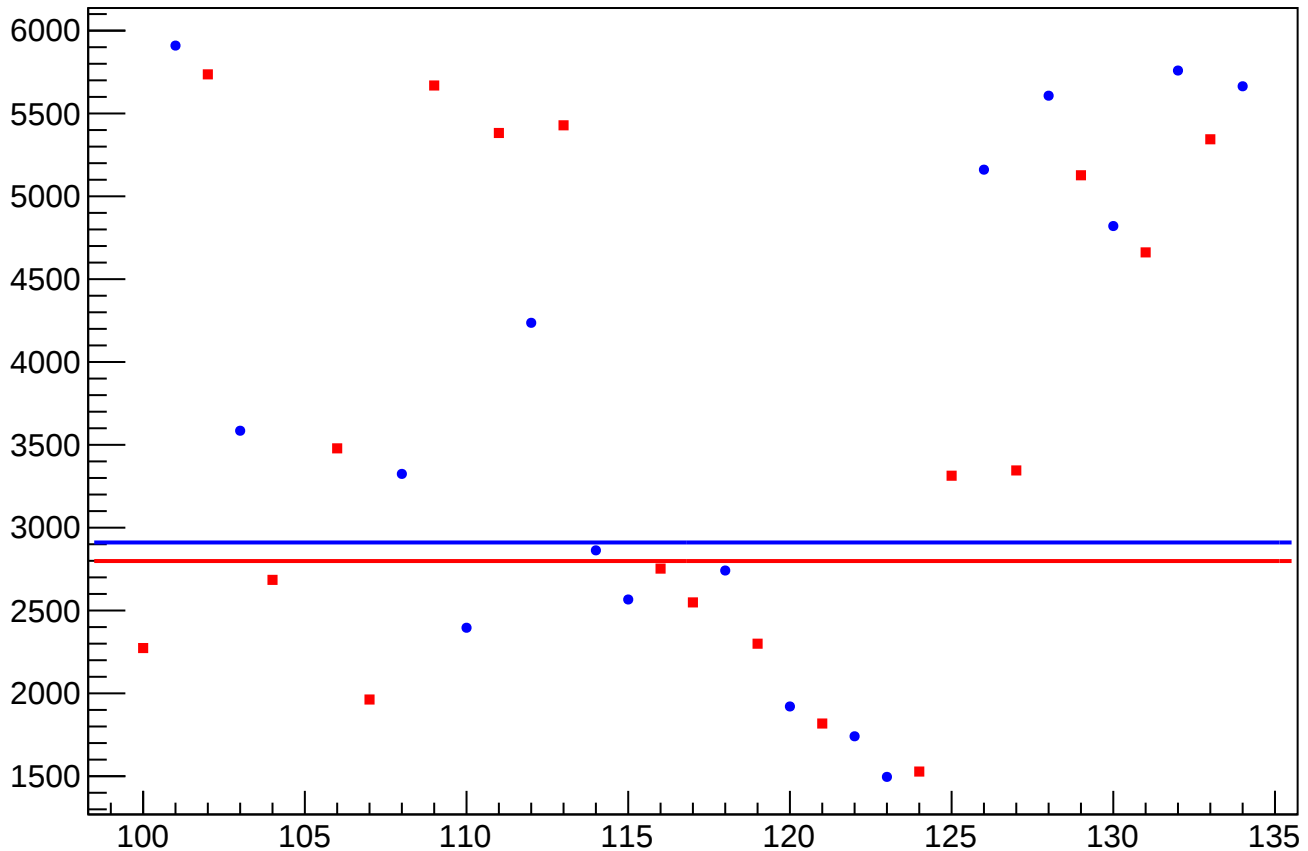
Right Out: 6.199+/-1.236 χ^2/NDF : 453.8/17

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

-2.763+/-1.359 χ^2/NDF : 468.6/15

6.199+/-1.236 χ^2/NDF : 453.8/17

diff_bpm0l02Y_rms vs Slug



Right In: 2910.678 $\pm$ 0.961 χ^2 /NDF: 1840652.6/15

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

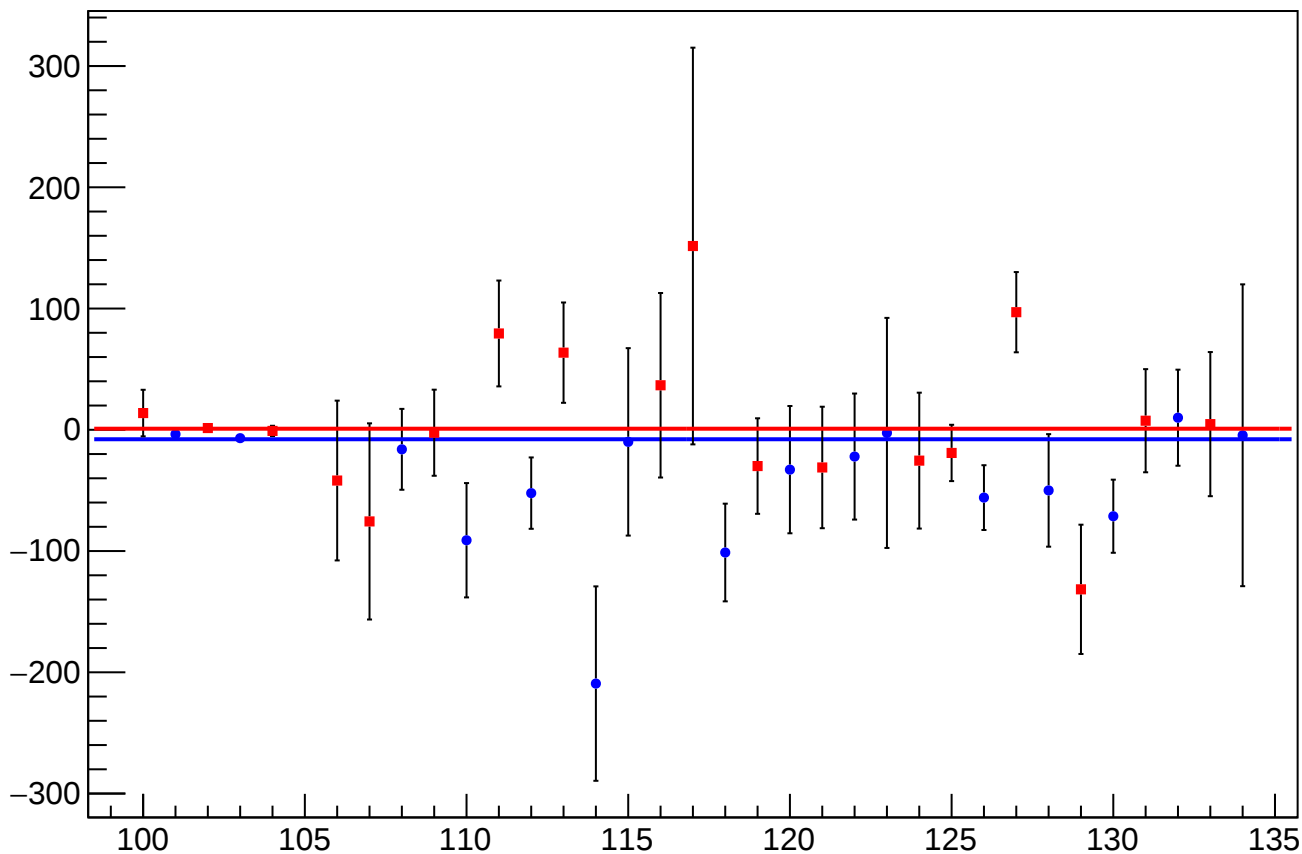
2910.678 $\pm$ 0.961 χ^2 /NDF: 1840652.6/15

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

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

diff_bpm0l03X_mean vs Slug



Right In: -7.801+/-2.639 χ^2/NDF : 27.4/15

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

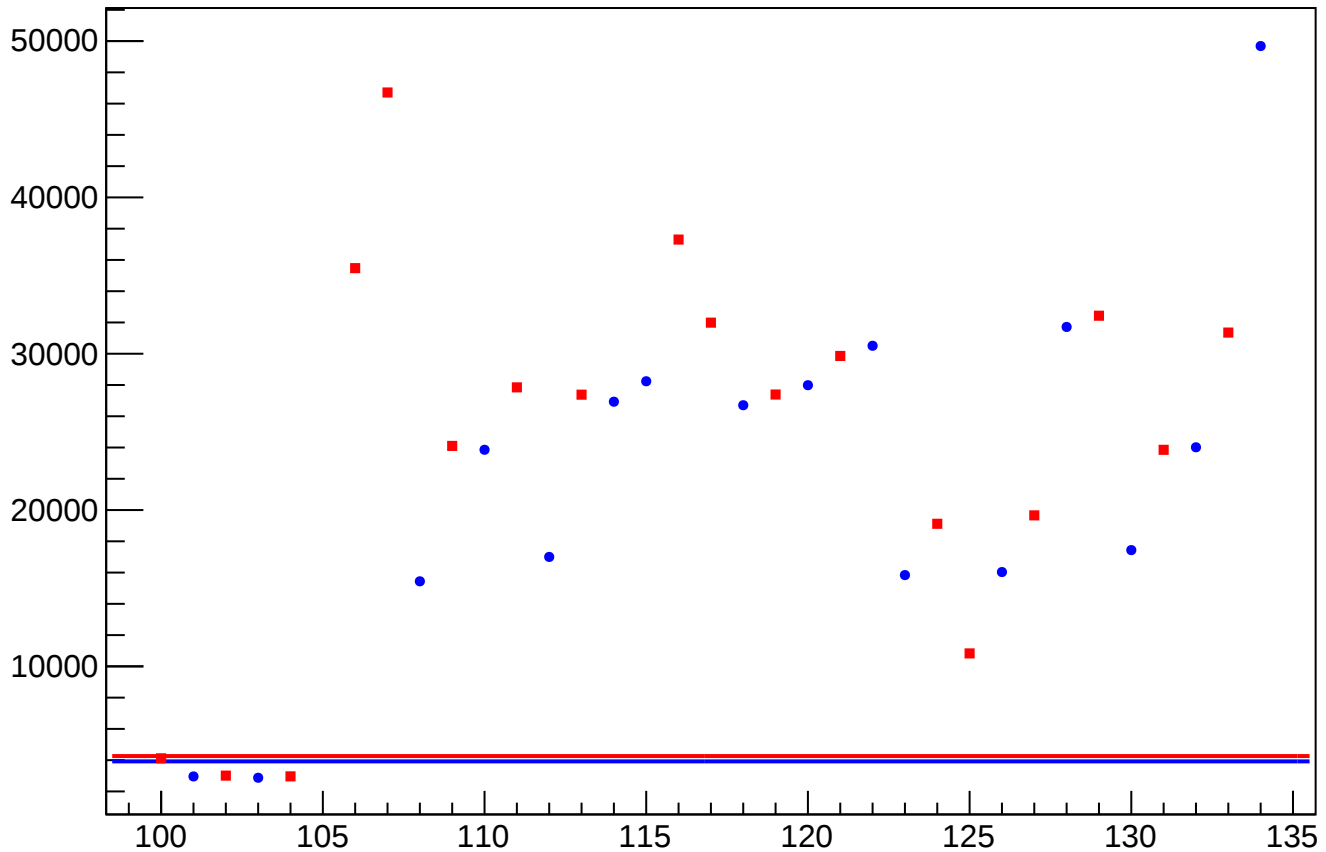
Right Out: 0.890+/-2.826 χ^2/NDF : 25.2/17

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

-7.801+/-2.639 χ^2/NDF : 27.4/15

0.890+/-2.826 χ^2/NDF : 25.2/17

diff_bpm0l03X_rms vs Slug



Right In: 3922.133+/-1.866 χ^2/NDF : 5559433.2/15

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

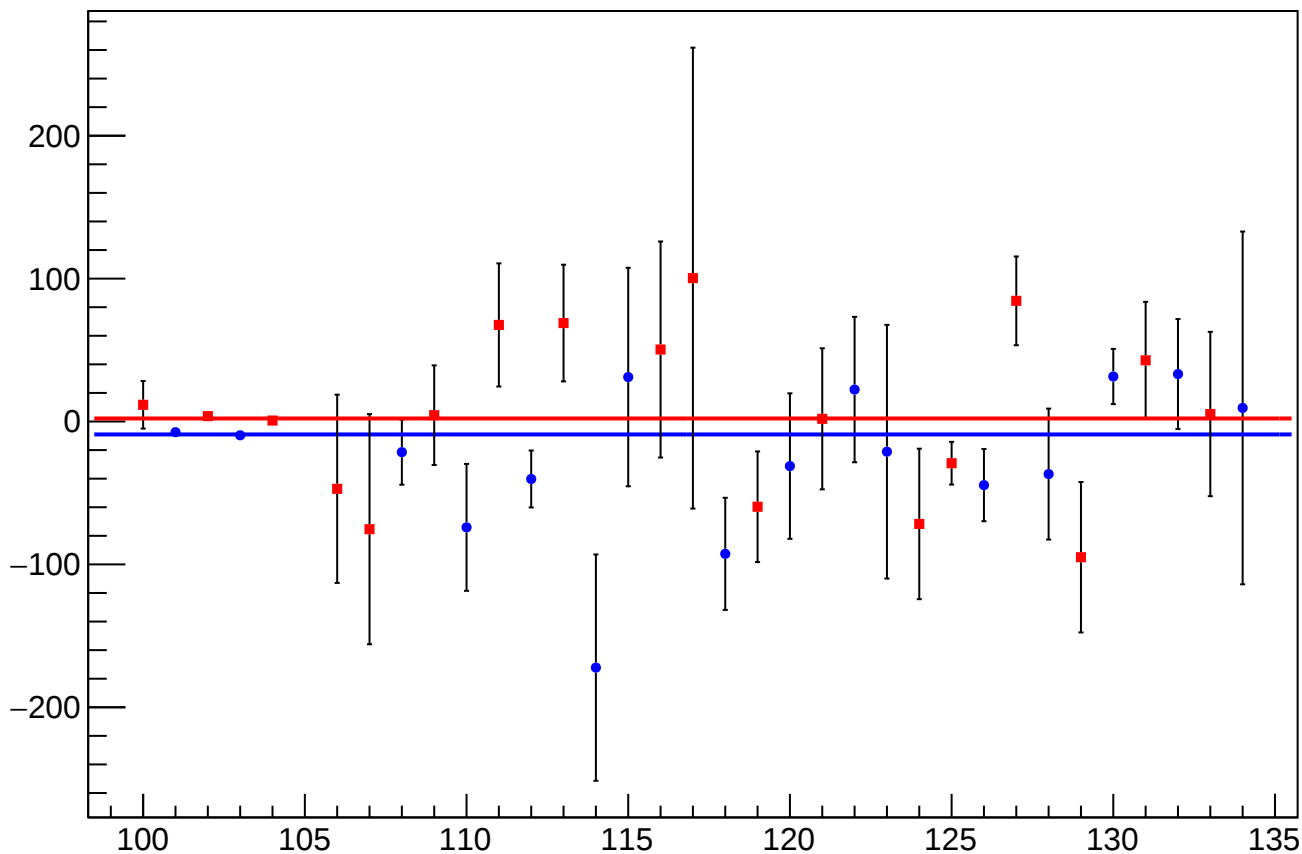
Right Out: 4262.066+/-1.998 χ^2/NDF : 6983085.1/17

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

3922.133+/-1.866 χ^2/NDF : 5559433.2/15

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

diff_bpm0l03Y_mean vs Slug



Right In: -9.053+/-1.818 χ^2/NDF : 22.9/15

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

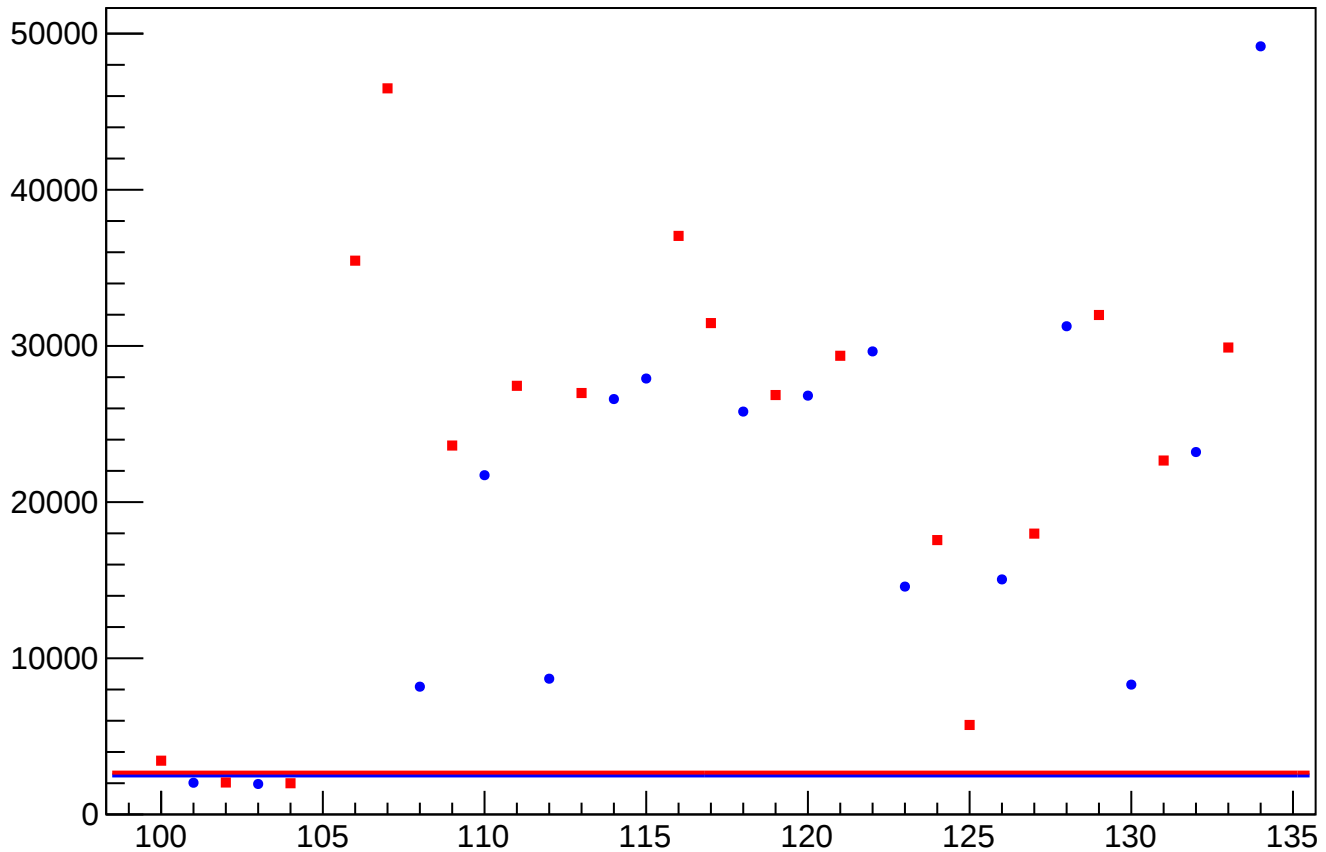
Right Out: 2.120+/-1.957 χ^2/NDF : 28.5/17

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

-9.053+/-1.818 χ^2/NDF : 22.9/15

2.120+/-1.957 χ^2/NDF : 28.5/17

diff_bpm0l03Y_rms vs Slug



Right In: 2497.077+/-1.286 χ^2/NDF : 5345151.0/15

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

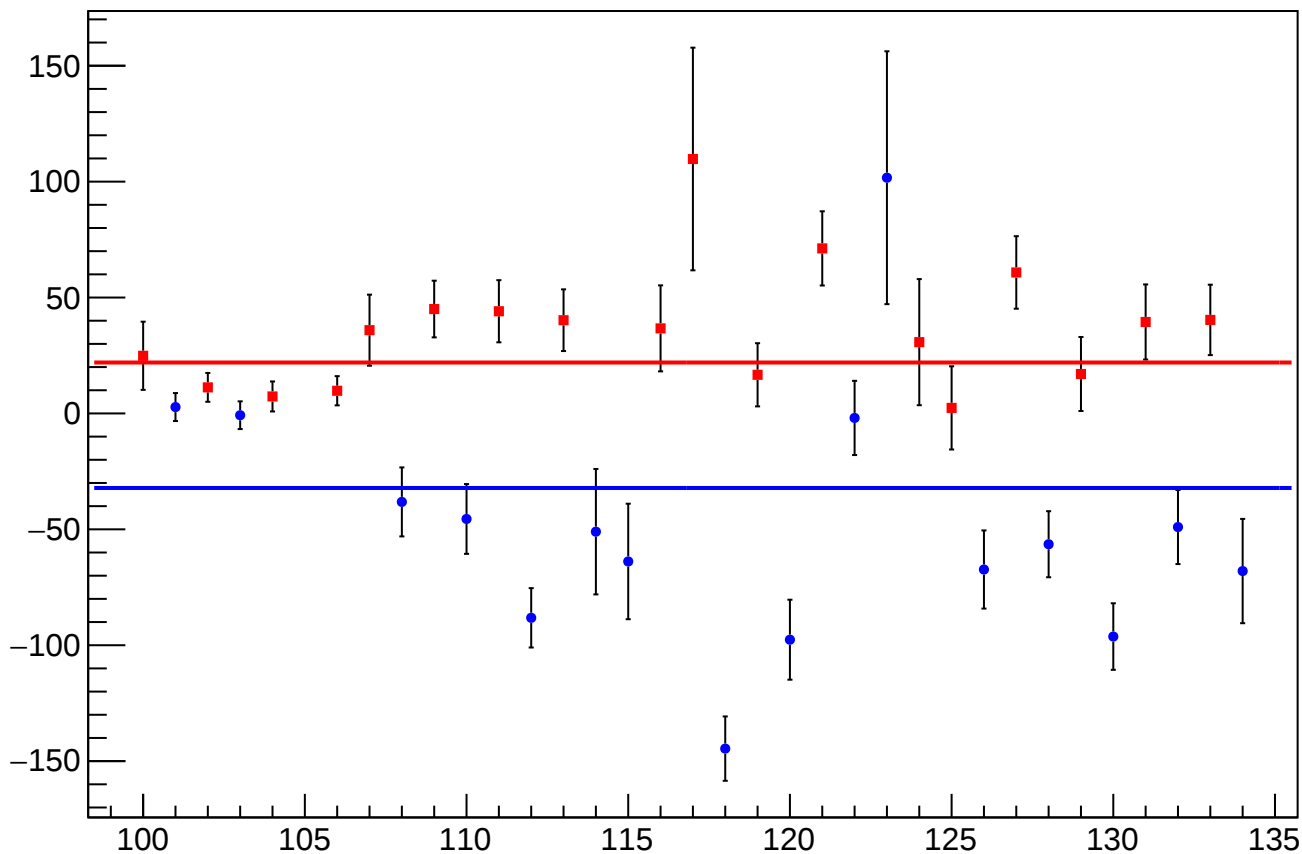
Right Out: 2679.663+/-1.384 χ^2/NDF : 7509672.9/17

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

2497.077+/-1.286 χ^2/NDF : 5345151.0/15

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

diff_bpm0l04X_mean vs Slug



Right In: -32.156+/-3.080 χ^2/NDF : 203.7/15

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

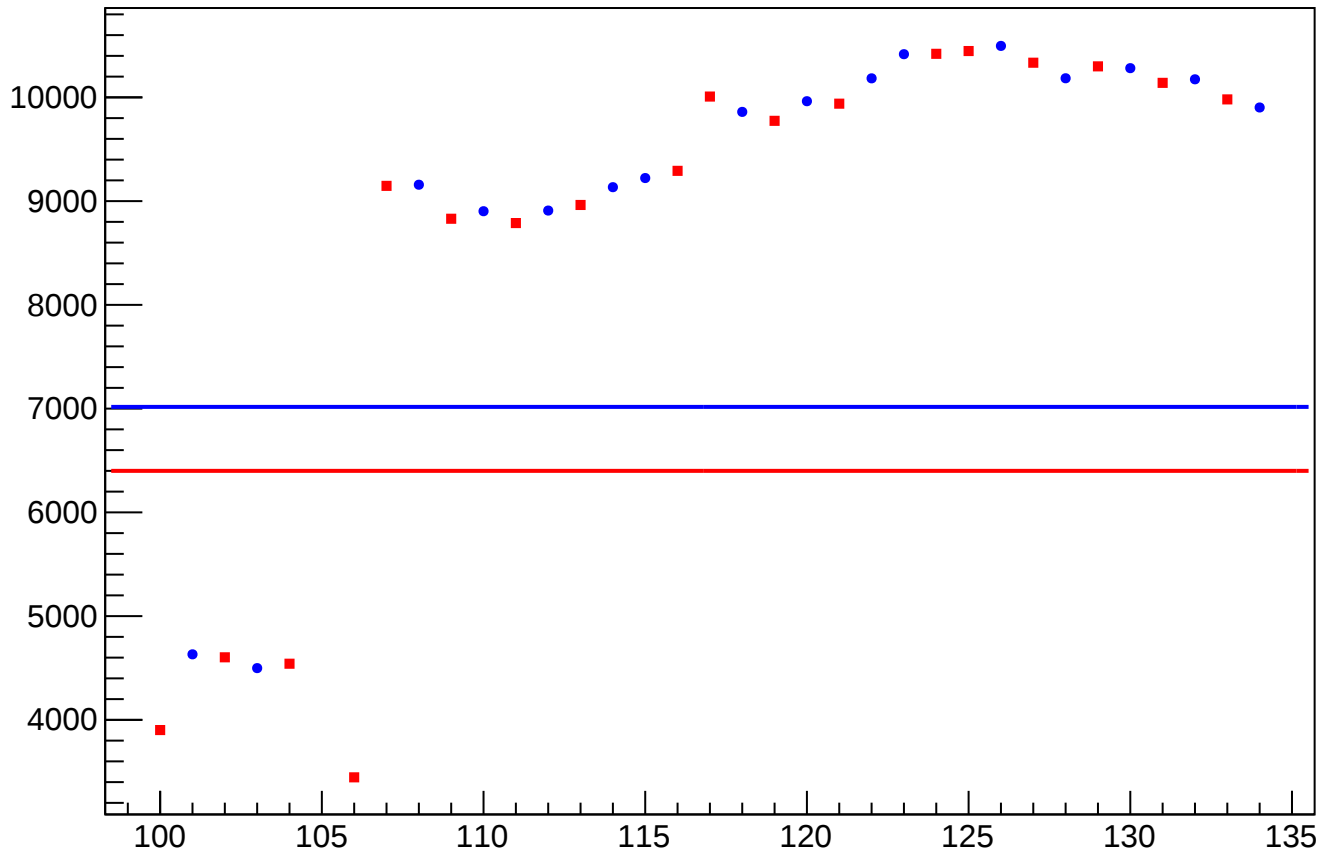
Right Out: 21.973+/-2.722 χ^2/NDF : 44.6/17

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

-32.156+/-3.080 χ^2/NDF : 203.7/15

21.973+/-2.722 χ^2/NDF : 44.6/17

diff_bpm0l04X_rms vs Slug



Right In: 7016.685 $\pm$ 2.178 χ^2 /NDF: 1438242.3/15

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

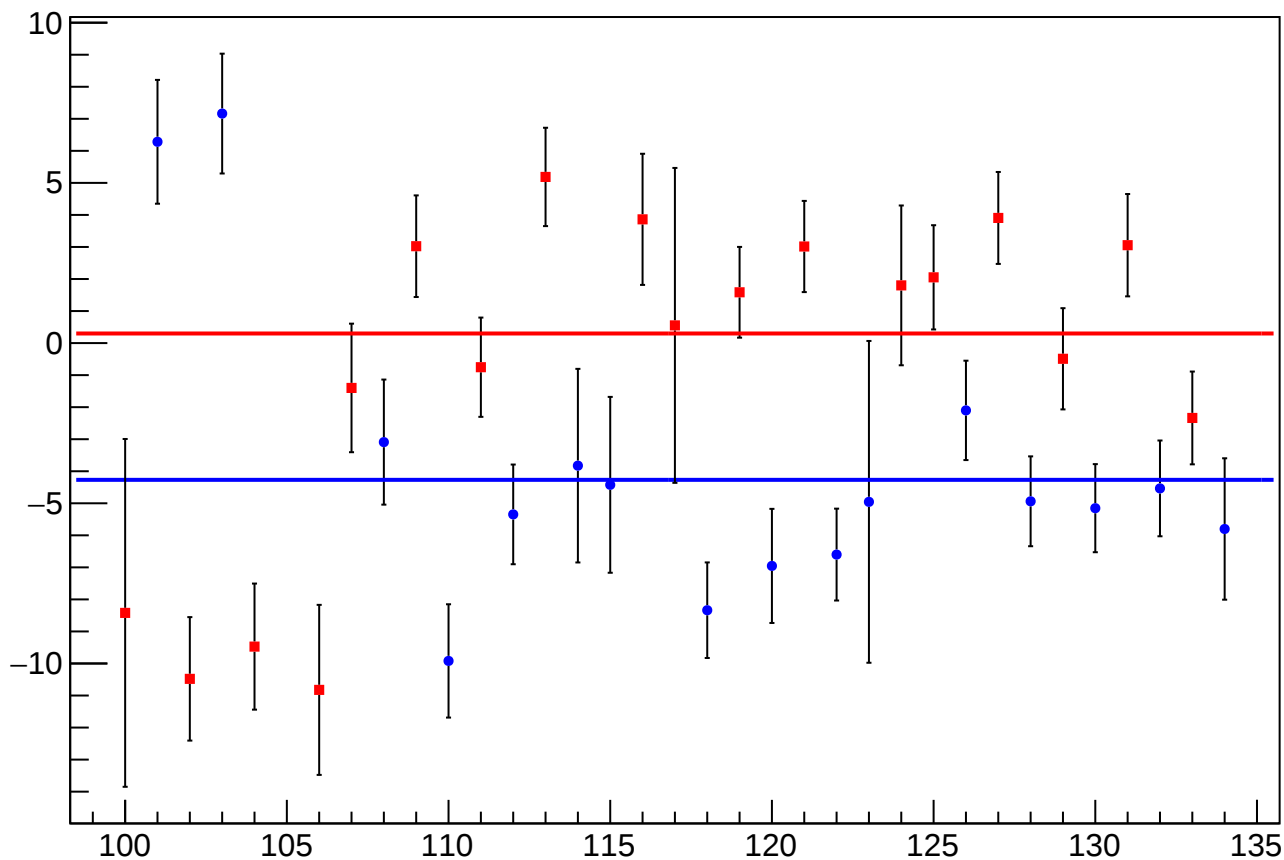
7016.685 $\pm$ 2.178 χ^2 /NDF: 1438242.3/15

Right Out: 6400.149 $\pm$ 1.925 χ^2 /NDF: 1999431.1/17

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

6400.149 $\pm$ 1.925 χ^2 /NDF: 1999431.1/17

diff_bpm0l04Y_mean vs Slug



Right In: -4.268+/-0.439 χ^2/NDF : 93.8/15

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

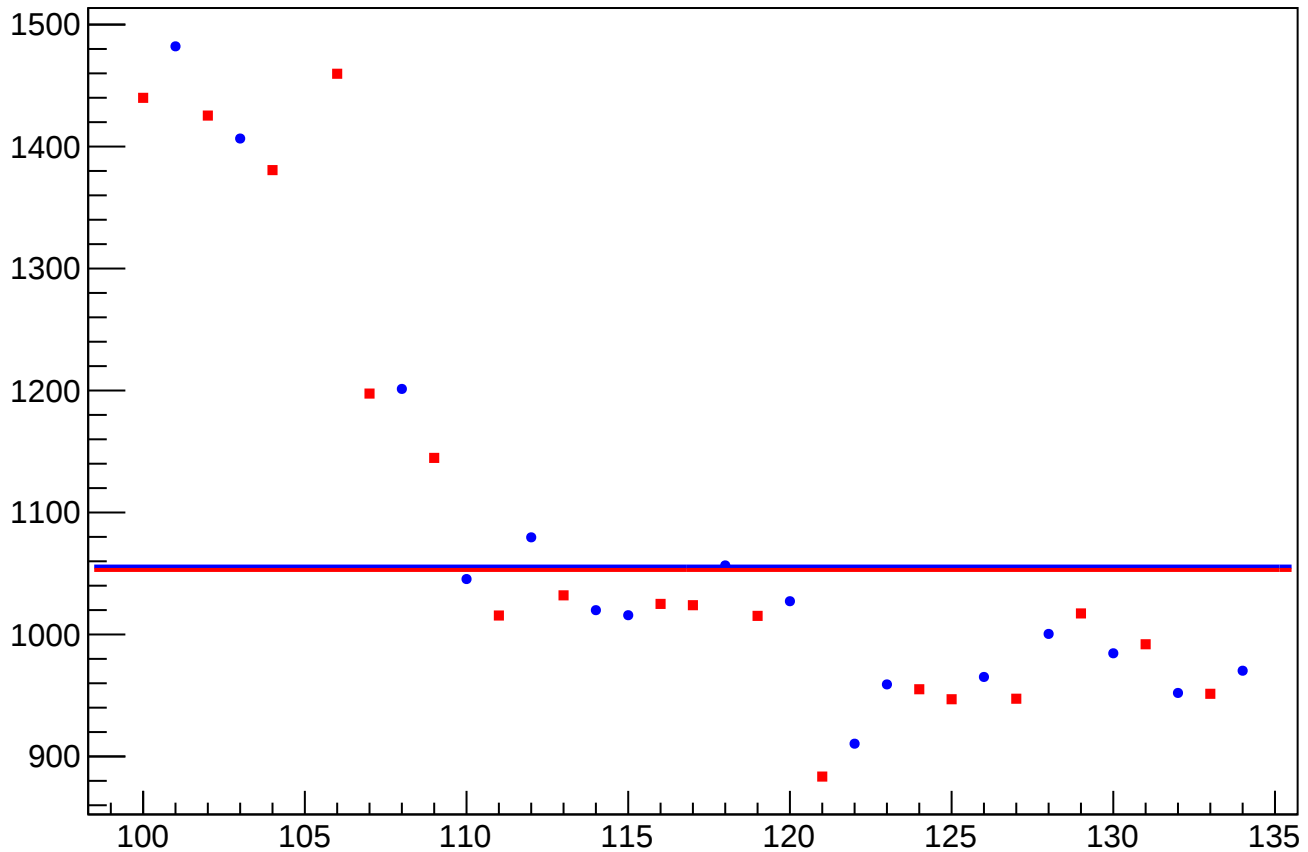
Right Out: 0.299+/-0.417 χ^2/NDF : 112.3/17

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

-4.268+/-0.439 χ^2/NDF : 93.8/15

0.299+/-0.417 χ^2/NDF : 112.3/17

diff_bpm0l04Y_rms vs Slug



Right In: 1055.679+/-0.310 χ^2/NDF : 229888.4/15

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

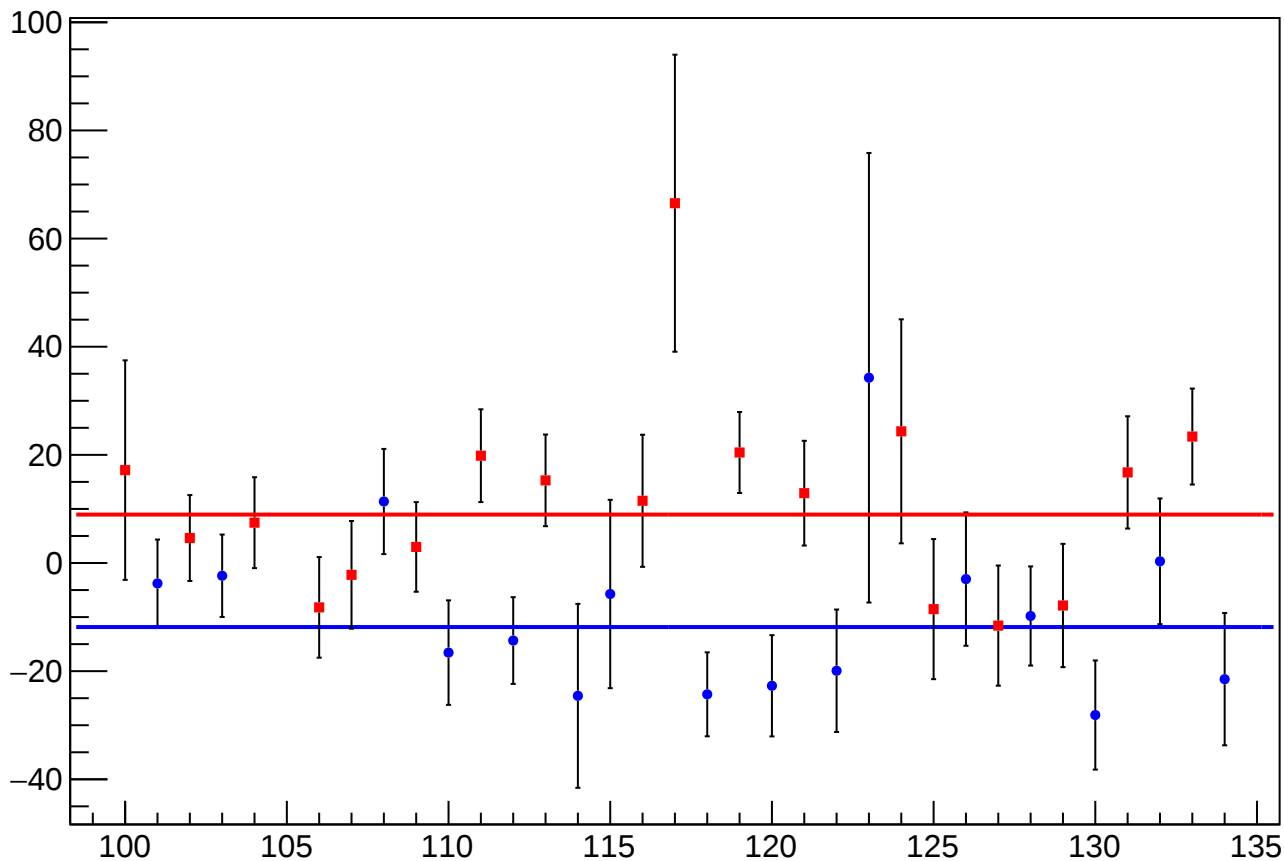
Right Out: 1052.905+/-0.295 χ^2/NDF : 272383.6/17

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

1055.679+/-0.310 χ^2/NDF : 229888.4/15

1052.905+/-0.295 χ^2/NDF : 272383.6/17

diff_bpm0l05X_mean vs Slug



Right In: -11.842 $\pm$ 2.542 χ^2 /NDF: 19.8/15

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

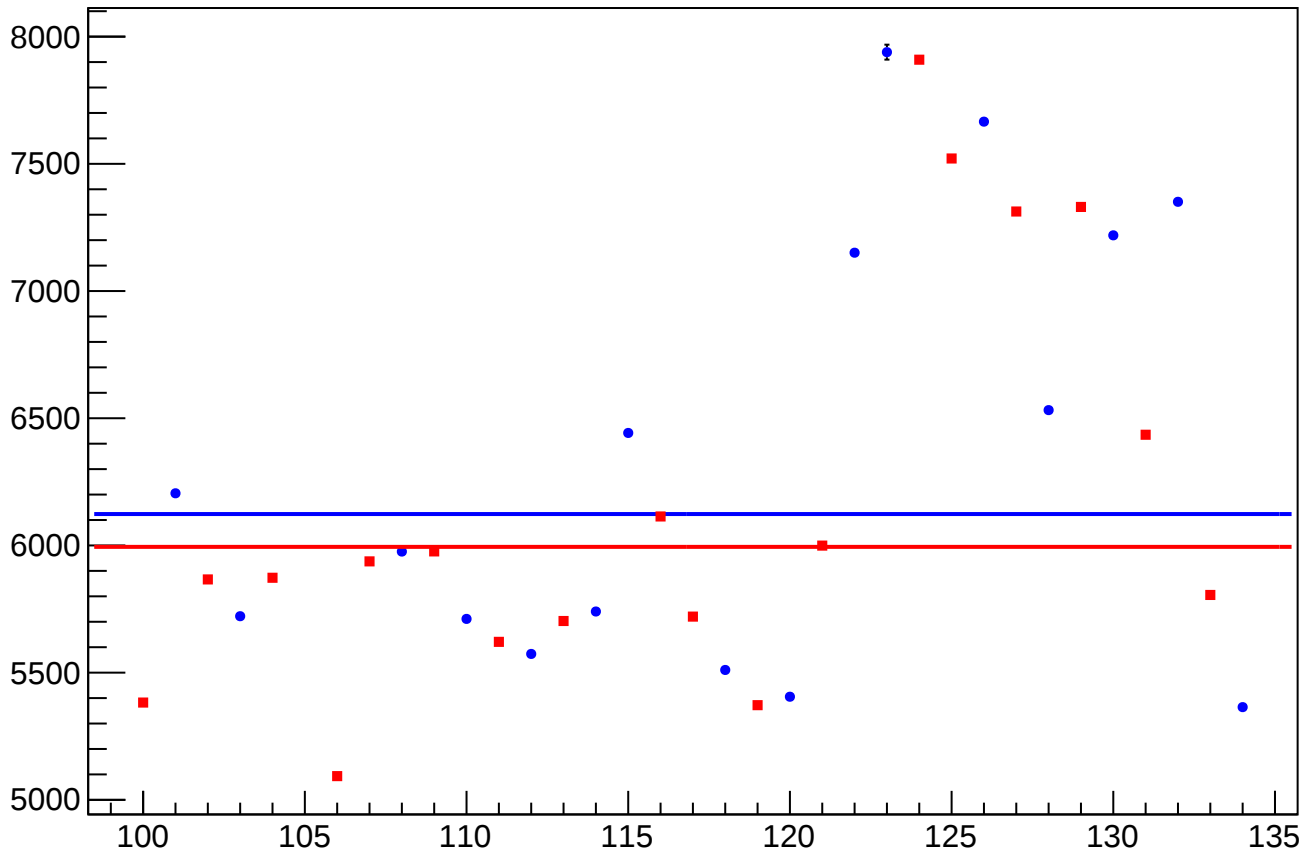
Right Out: 8.956 $\pm$ 2.365 χ^2 /NDF: 26.0/17

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

-11.842 $\pm$ 2.542 χ^2 /NDF: 19.8/15

8.956 $\pm$ 2.365 χ^2 /NDF: 26.0/17

diff_bpm0l05X_rms vs Slug



Right In: 6123.427+/-1.797 χ^2/NDF : 154268.2/15

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

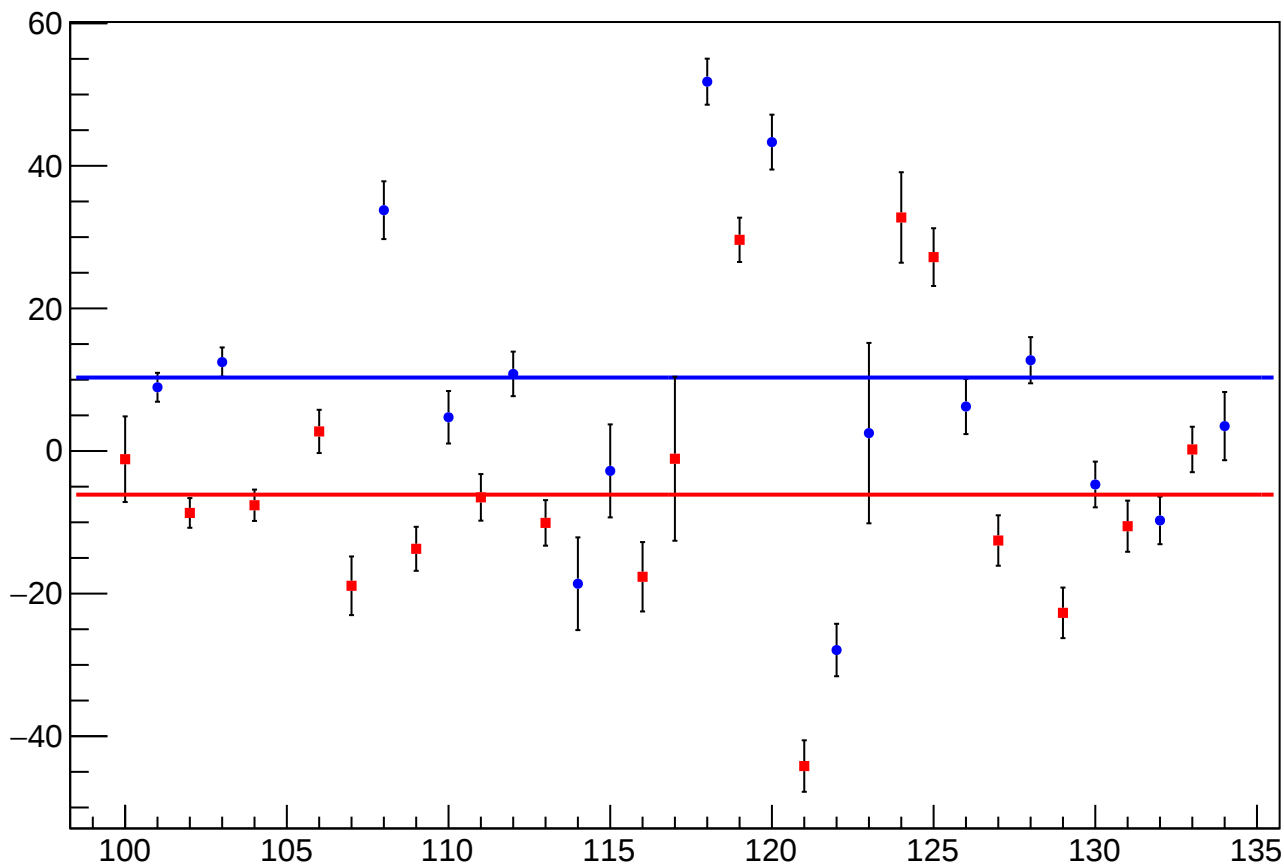
Right Out: 5994.427+/-1.673 χ^2/NDF : 146948.2/17

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

6123.427+/-1.797 χ^2/NDF : 154268.2/15

5994.427+/-1.673 χ^2/NDF : 146948.2/17

diff_bpm0l05Y_mean vs Slug



Right In: 10.305+/-0.845 χ^2/NDF : 470.0/15

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

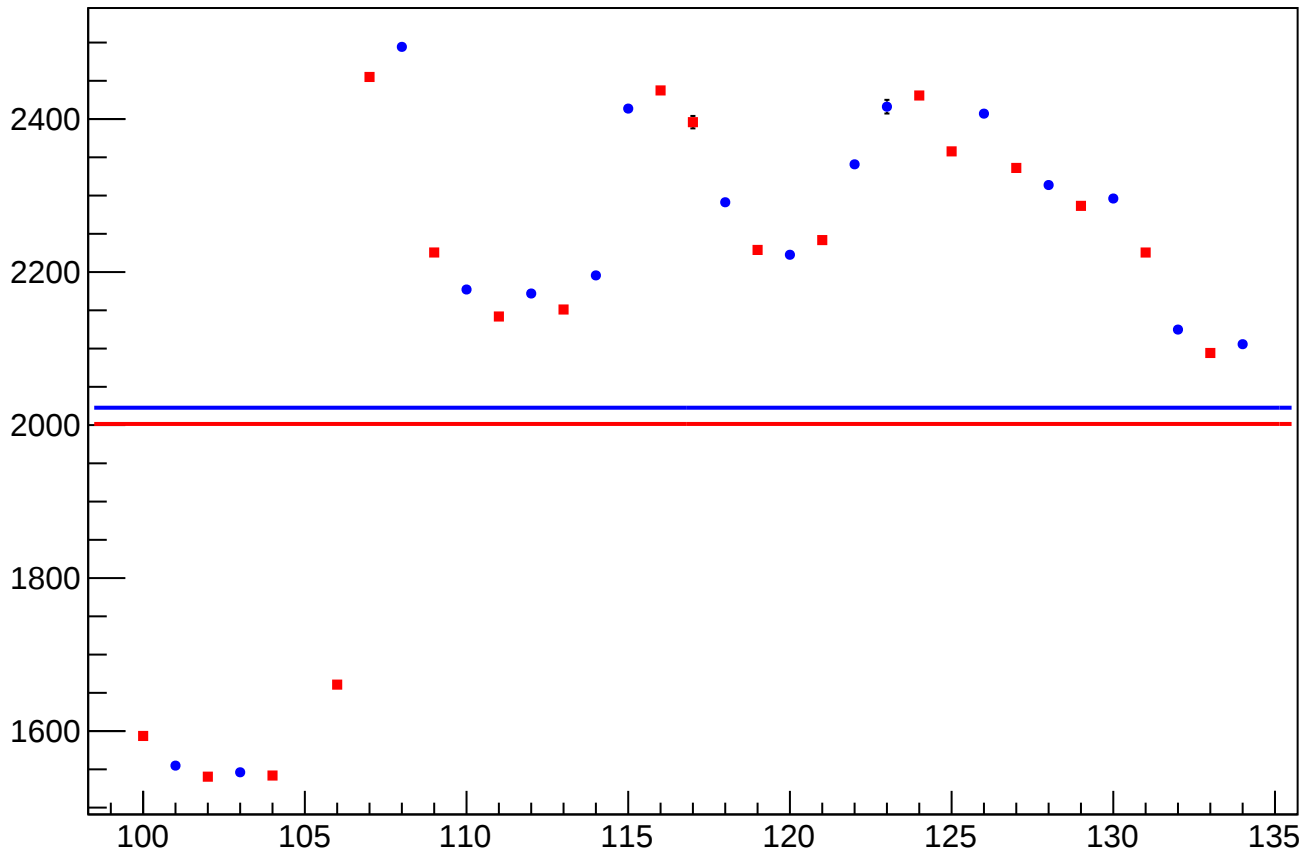
Right Out: -6.120+/-0.795 χ^2/NDF : 413.5/17

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

10.305+/-0.845 χ^2/NDF : 470.0/15

-6.120+/-0.795 χ^2/NDF : 413.5/17

diff_bpm0l05Y_rms vs Slug



Right In: 2022.698+/-0.597 χ^2/NDF : 347064.0/15

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

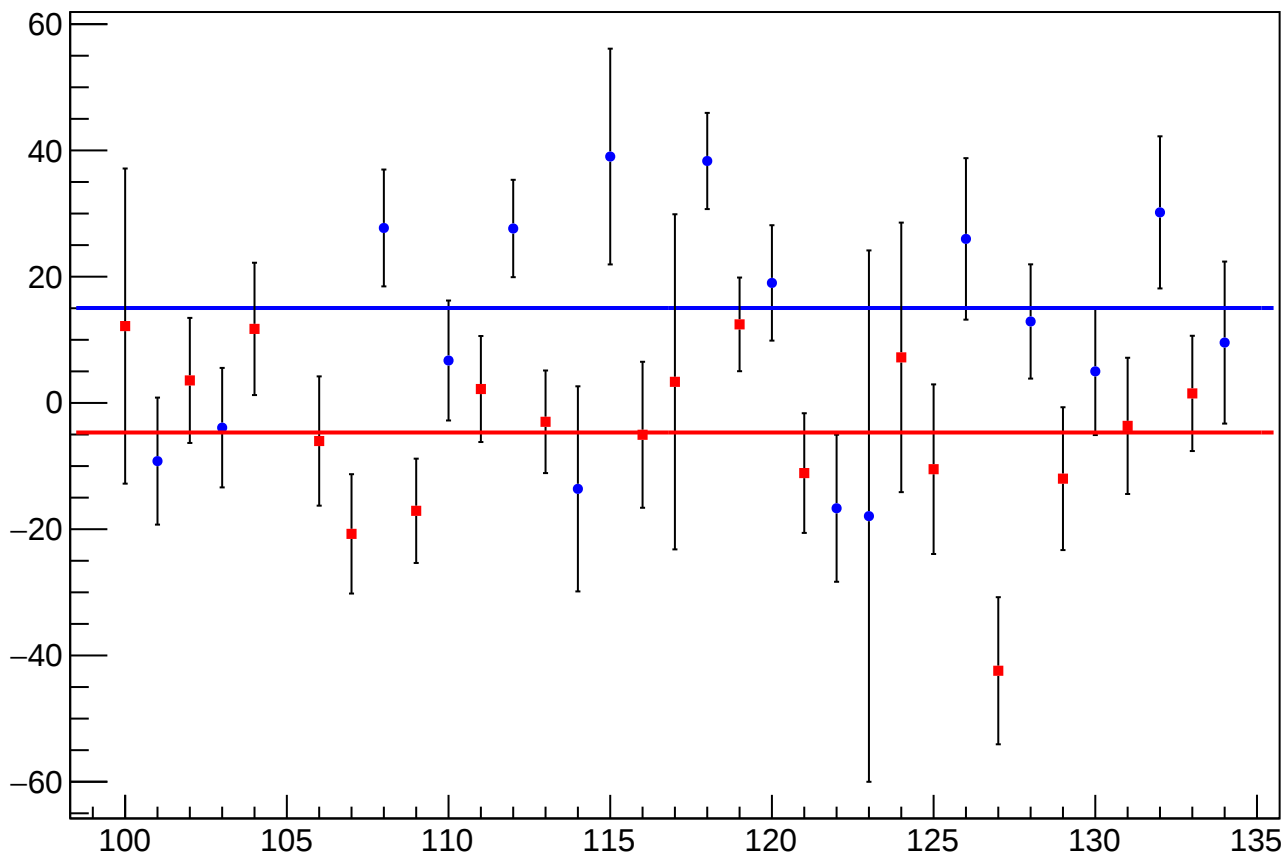
2022.698+/-0.597 χ^2/NDF : 347064.0/15

Right Out: 2001.469+/-0.562 χ^2/NDF : 365890.4/17

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

2001.469+/-0.562 χ^2/NDF : 365890.4/17

diff_bpm0l06X_mean vs Slug



Right In: 15.038 $\pm$ 2.616 χ^2 /NDF: 41.3/15

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

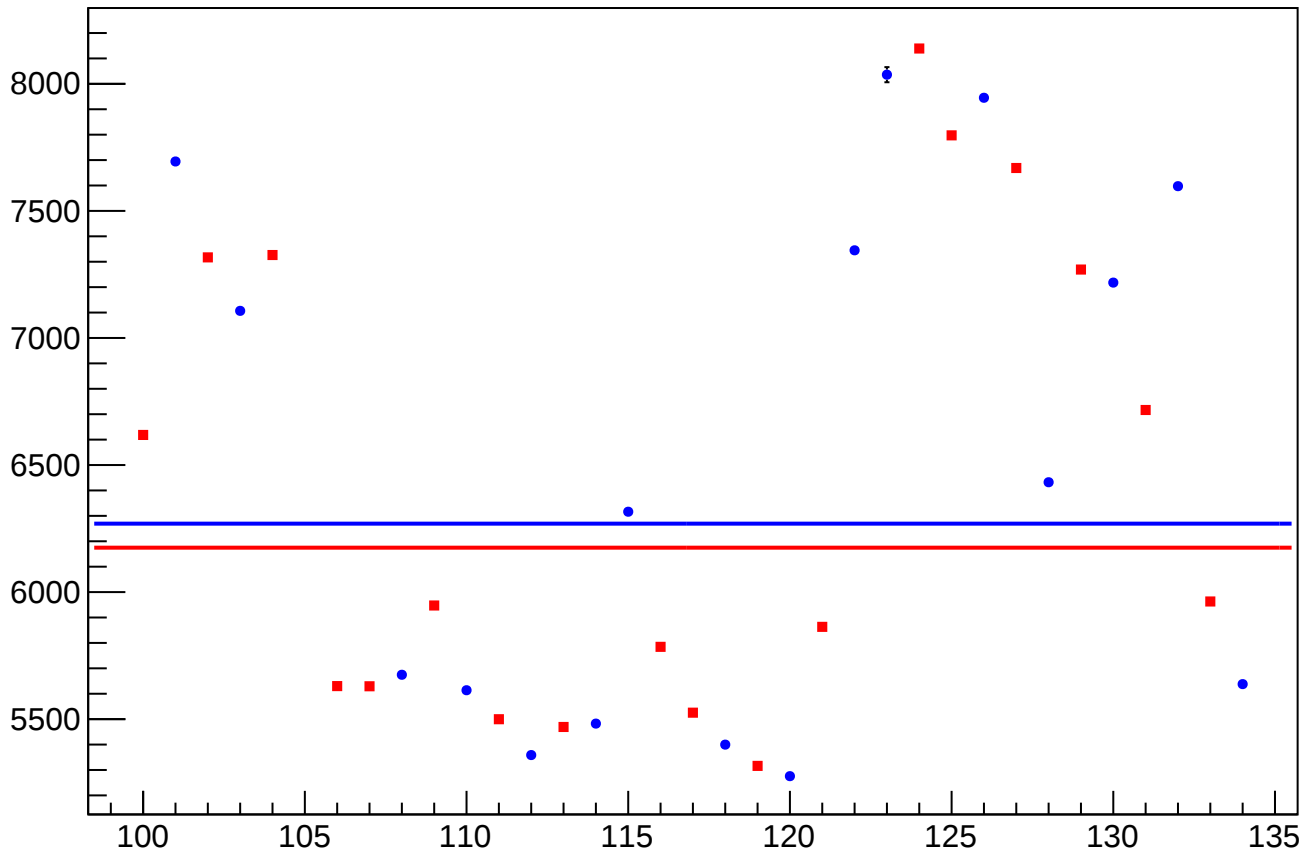
Right Out: -4.682 $\pm$ 2.445 χ^2 /NDF: 27.2/17

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

15.038 $\pm$ 2.616 χ^2 /NDF: 41.3/15

-4.682 $\pm$ 2.445 χ^2 /NDF: 27.2/17

diff_bpm0l06X_rms vs Slug



Right In: 6269.332 $\pm$ 1.850 χ^2 /NDF: 258261.5/15

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

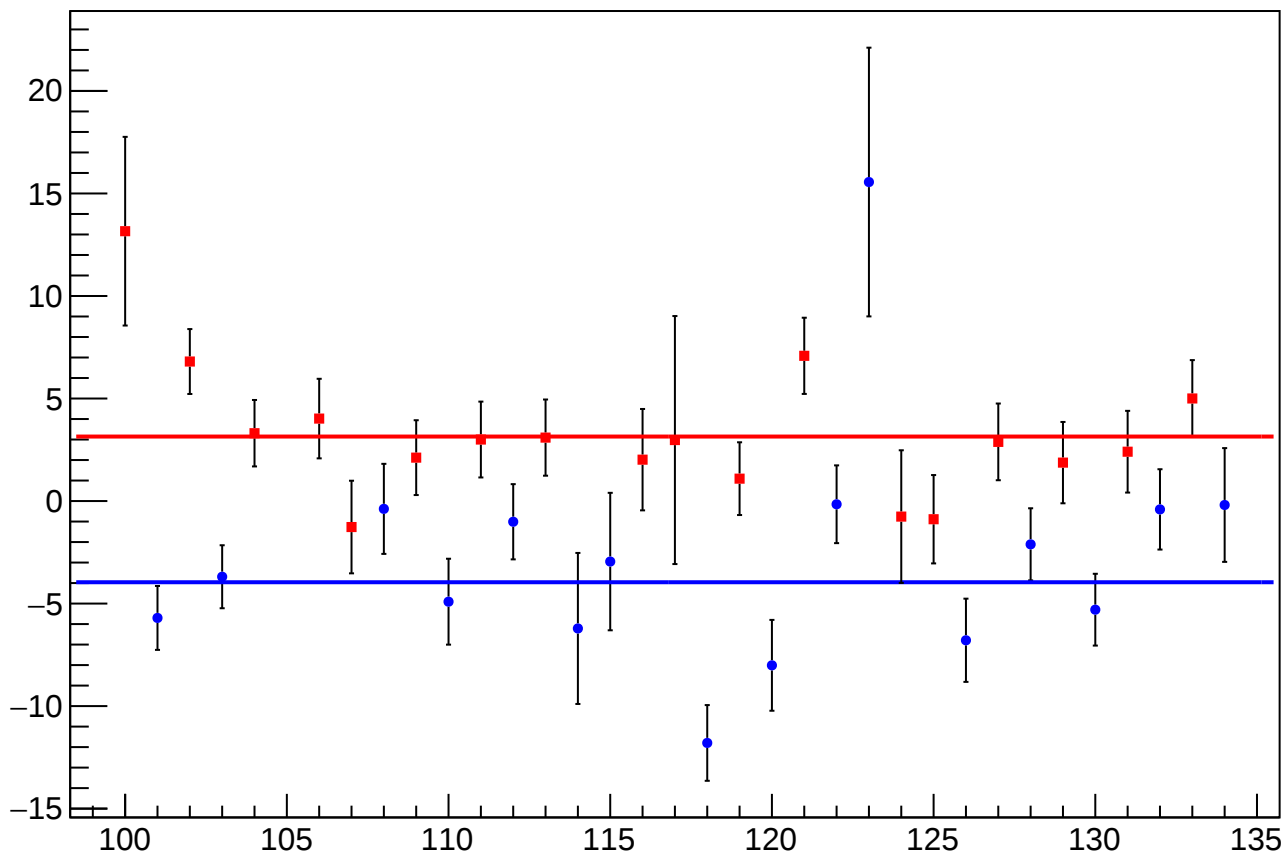
6269.332 $\pm$ 1.850 χ^2 /NDF: 258261.5/15

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

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

diff_bpm0l06Y_mean vs Slug



Right In: -3.960+/-0.512 χ^2/NDF : 50.2/15

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

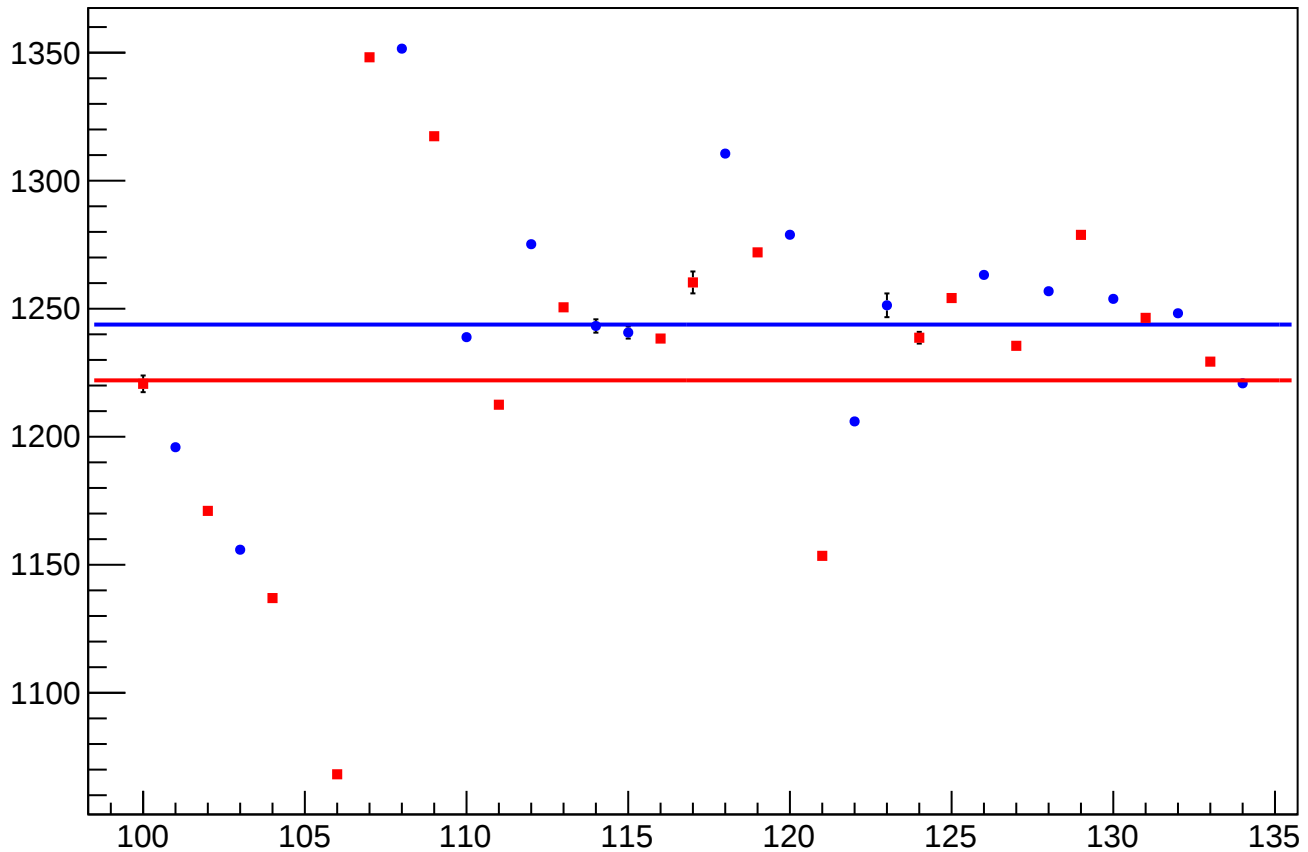
Right Out: 3.145+/-0.479 χ^2/NDF : 27.0/17

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

-3.960+/-0.512 χ^2/NDF : 50.2/15

3.145+/-0.479 χ^2/NDF : 27.0/17

diff_bpm0l06Y_rms vs Slug



Right In: 1243.811+/-0.362 χ^2/NDF : 18278.8/15

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

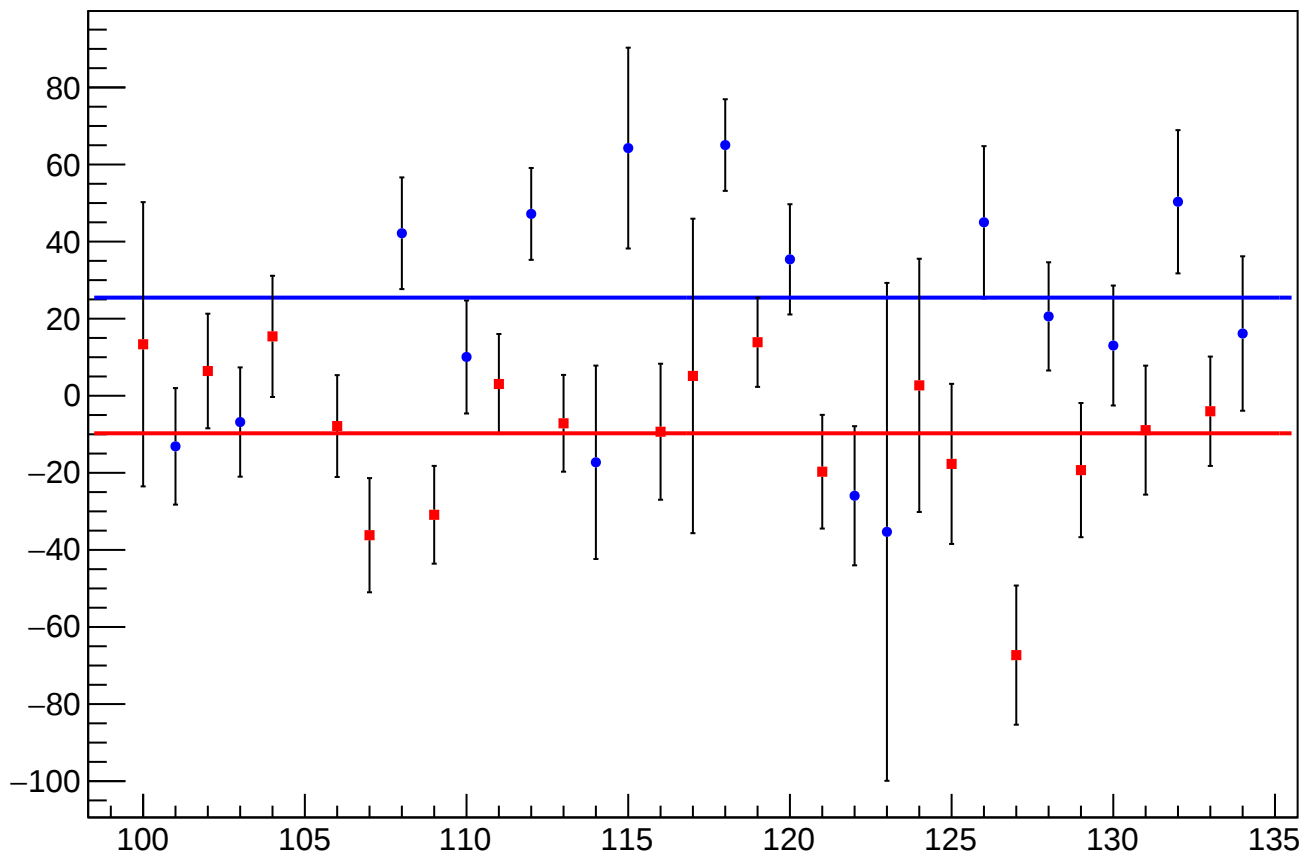
Right Out: 1222.018+/-0.339 χ^2/NDF : 39437.5/17

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

1243.811+/-0.362 χ^2/NDF : 18278.8/15

1222.018+/-0.339 χ^2/NDF : 39437.5/17

diff_bpm0l07X_mean vs Slug



Right In: 25.462 $\pm$ 4.040 χ^2 /NDF: 46.9/15

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

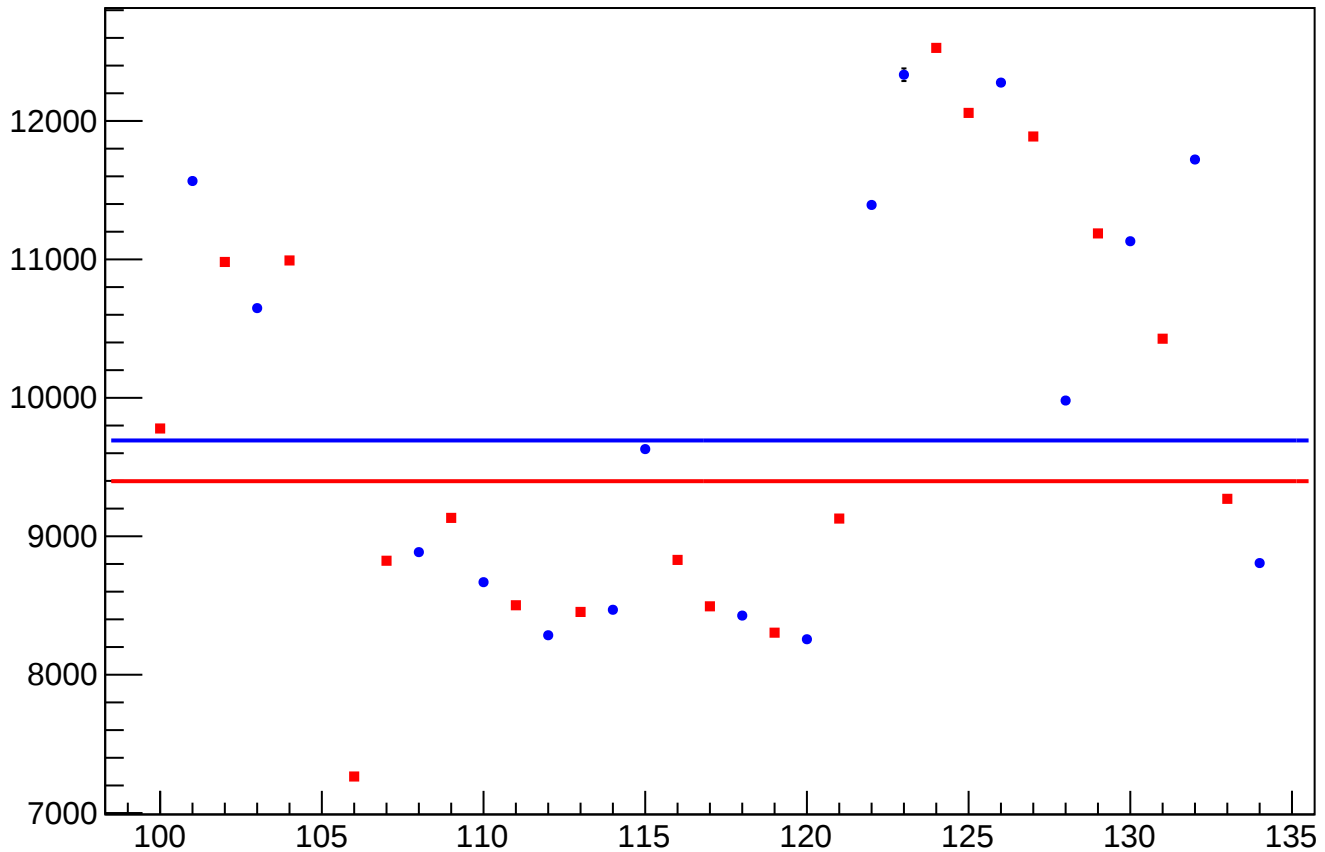
Right Out: -9.742 $\pm$ 3.725 χ^2 /NDF: 26.8/17

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

25.462 $\pm$ 4.040 χ^2 /NDF: 46.9/15

-9.742 $\pm$ 3.725 χ^2 /NDF: 26.8/17

diff_bpm0l07X_rms vs Slug



Right In: 9692.172 $\pm$ 2.857 χ^2 /NDF: 232209.6/15

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

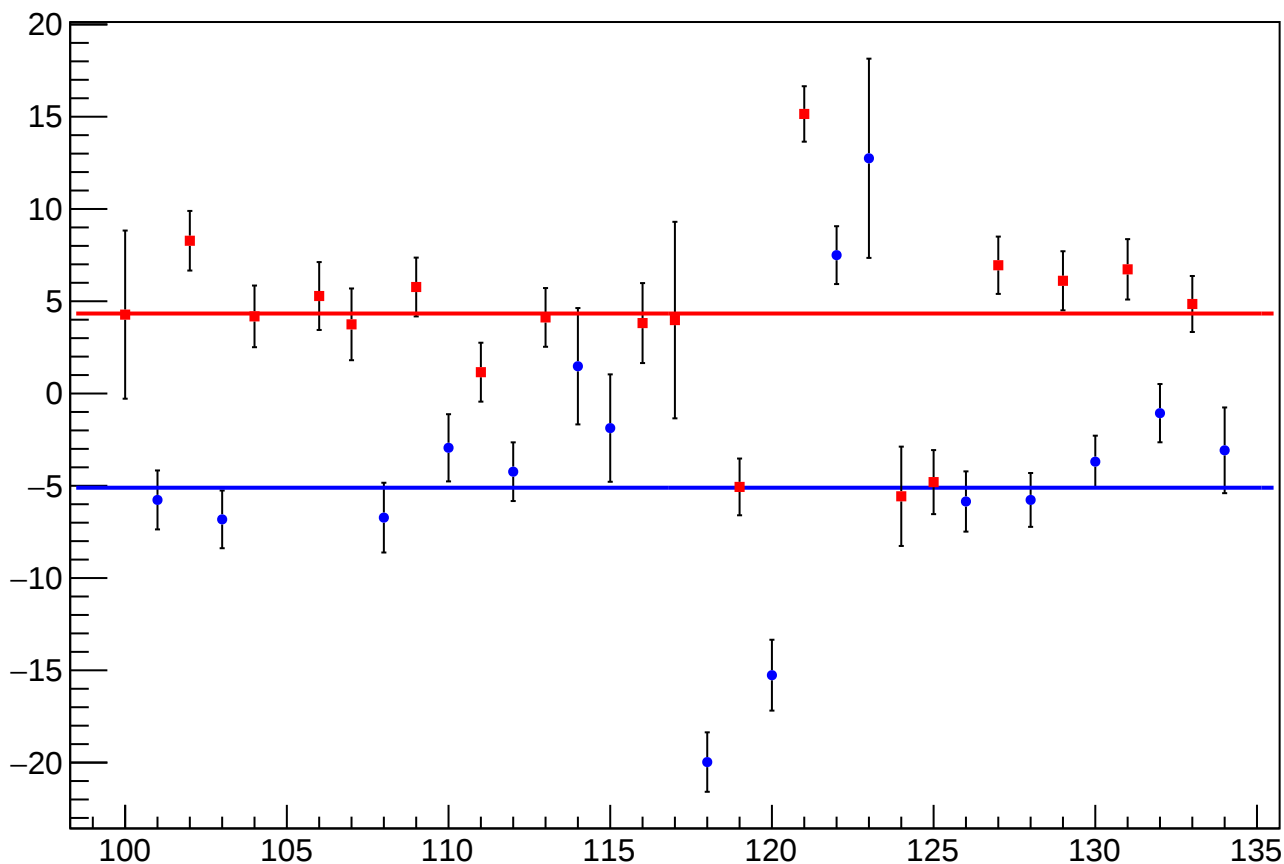
9692.172 $\pm$ 2.857 χ^2 /NDF: 232209.6/15

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: -5.105+/-0.446 χ^2/NDF : 206.9/15

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

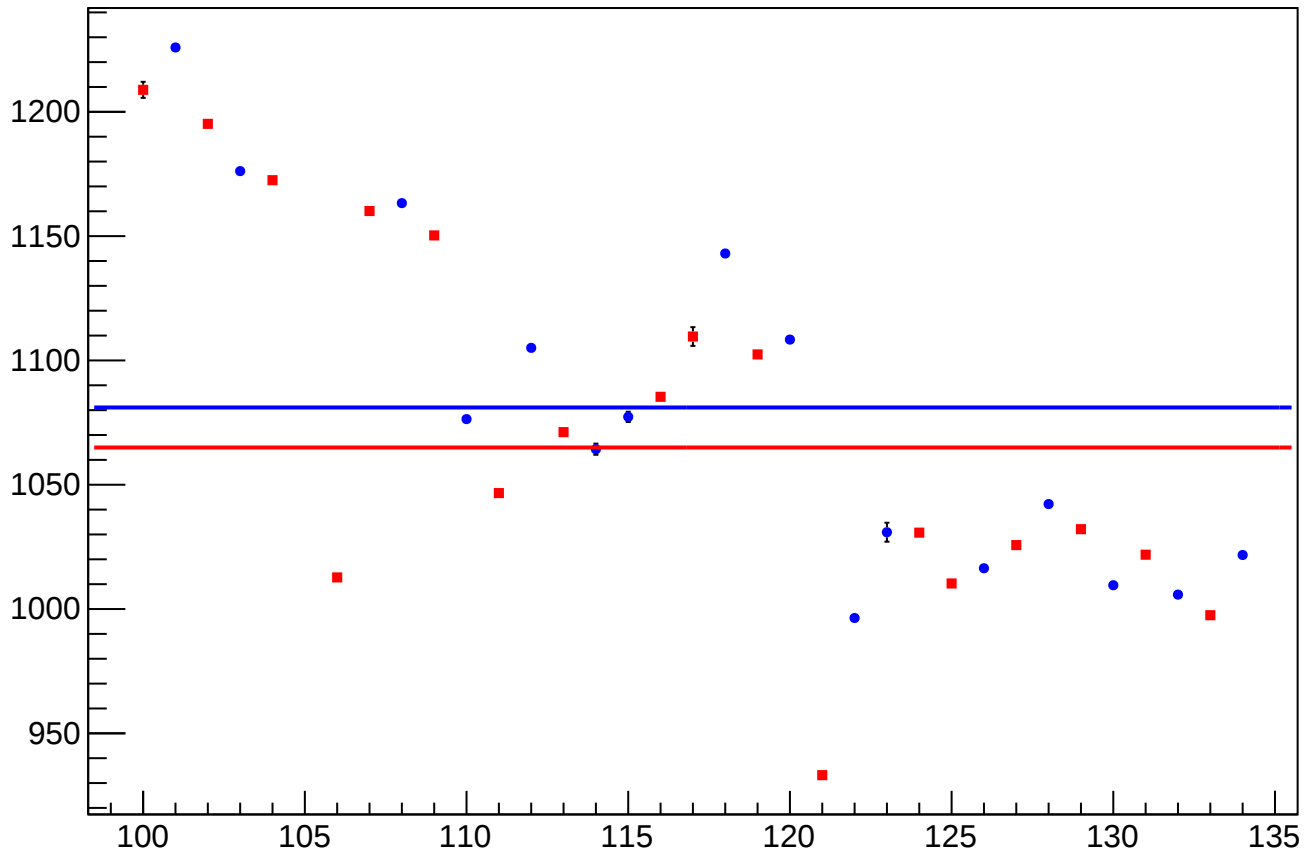
Right Out: 4.334+/-0.418 χ^2/NDF : 147.9/17

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

-5.105+/-0.446 χ^2/NDF : 206.9/15

4.334+/-0.418 χ^2/NDF : 147.9/17

diff_bpm0l07Y_rms vs Slug



Right In: 1081.075+/-0.315 χ^2/NDF : 53074.1/15

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

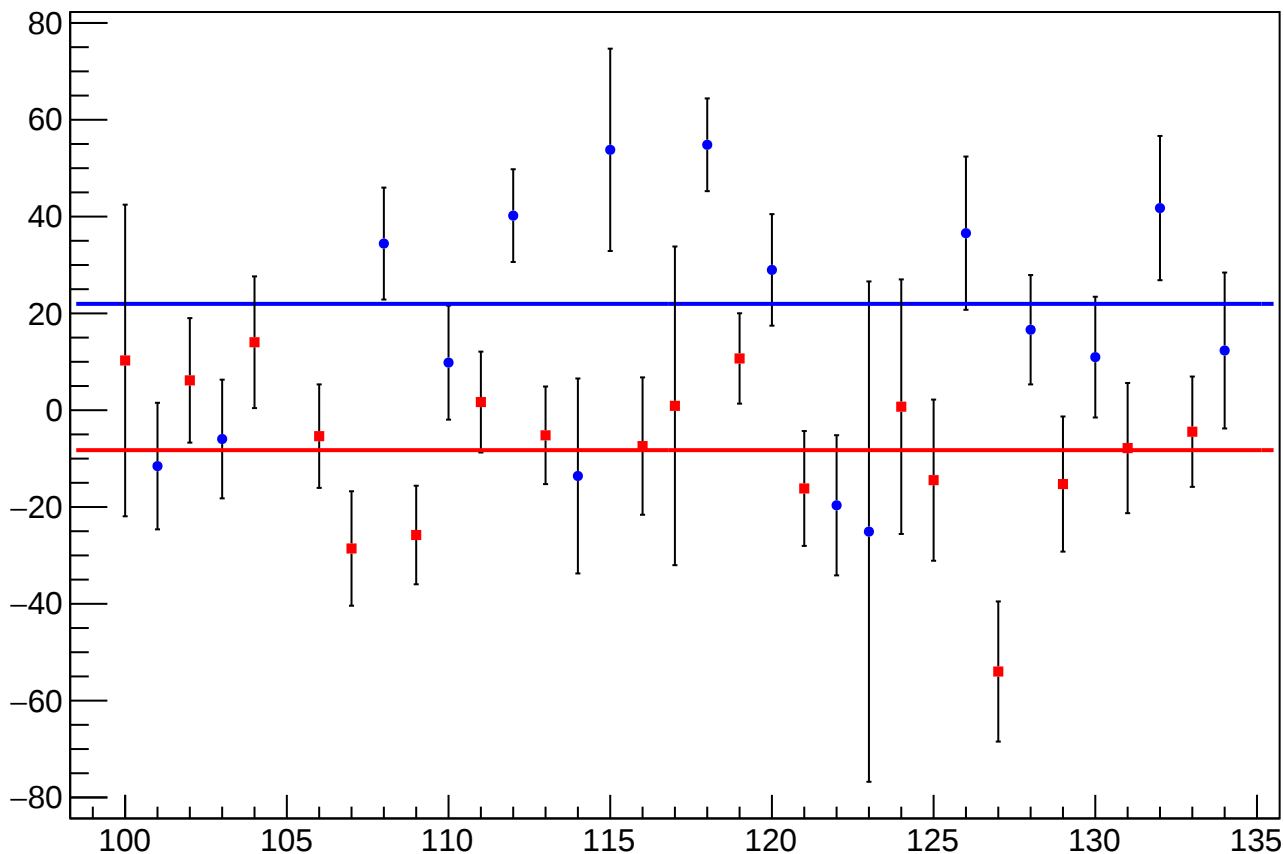
Right Out: 1064.974+/-0.295 χ^2/NDF : 62359.4/17

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

1081.075+/-0.315 χ^2/NDF : 53074.1/15

1064.974+/-0.295 χ^2/NDF : 62359.4/17

diff_bpm0l08X_mean vs Slug



Right In: 21.970+/-3.279 χ^2 /NDF: 48.2/15

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

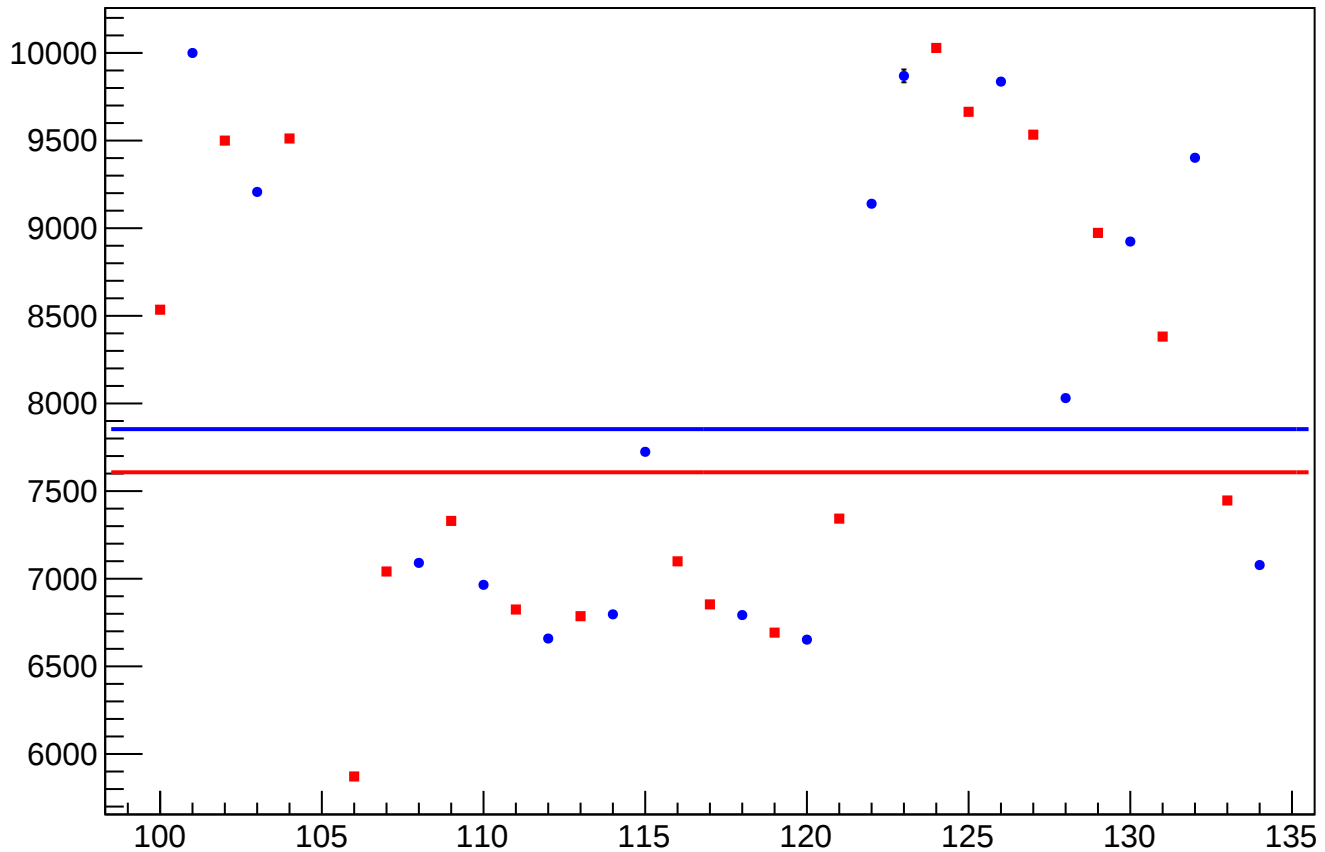
Right Out: -8.253+/-3.020 χ^2 /NDF: 26.5/17

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

21.970+/-3.279 χ^2 /NDF: 48.2/15

-8.253+/-3.020 χ^2 /NDF: 26.5/17

diff_bpm0l08X_rms vs Slug



Right In: 7853.503 $\pm$ 2.319 χ^2 /NDF: 272935.4/15

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

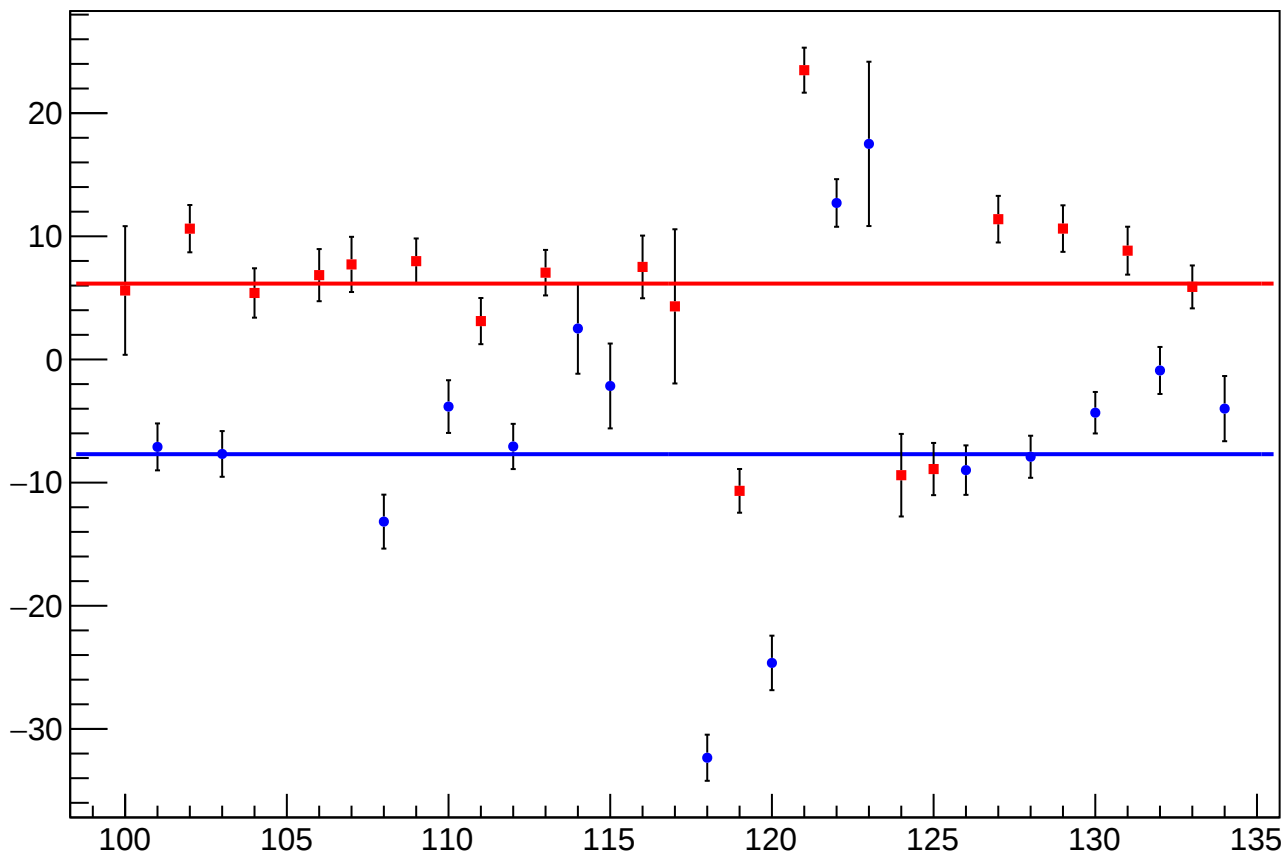
7853.503 $\pm$ 2.319 χ^2 /NDF: 272935.4/15

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: -7.691+/-0.528 χ^2/NDF : 396.7/15

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

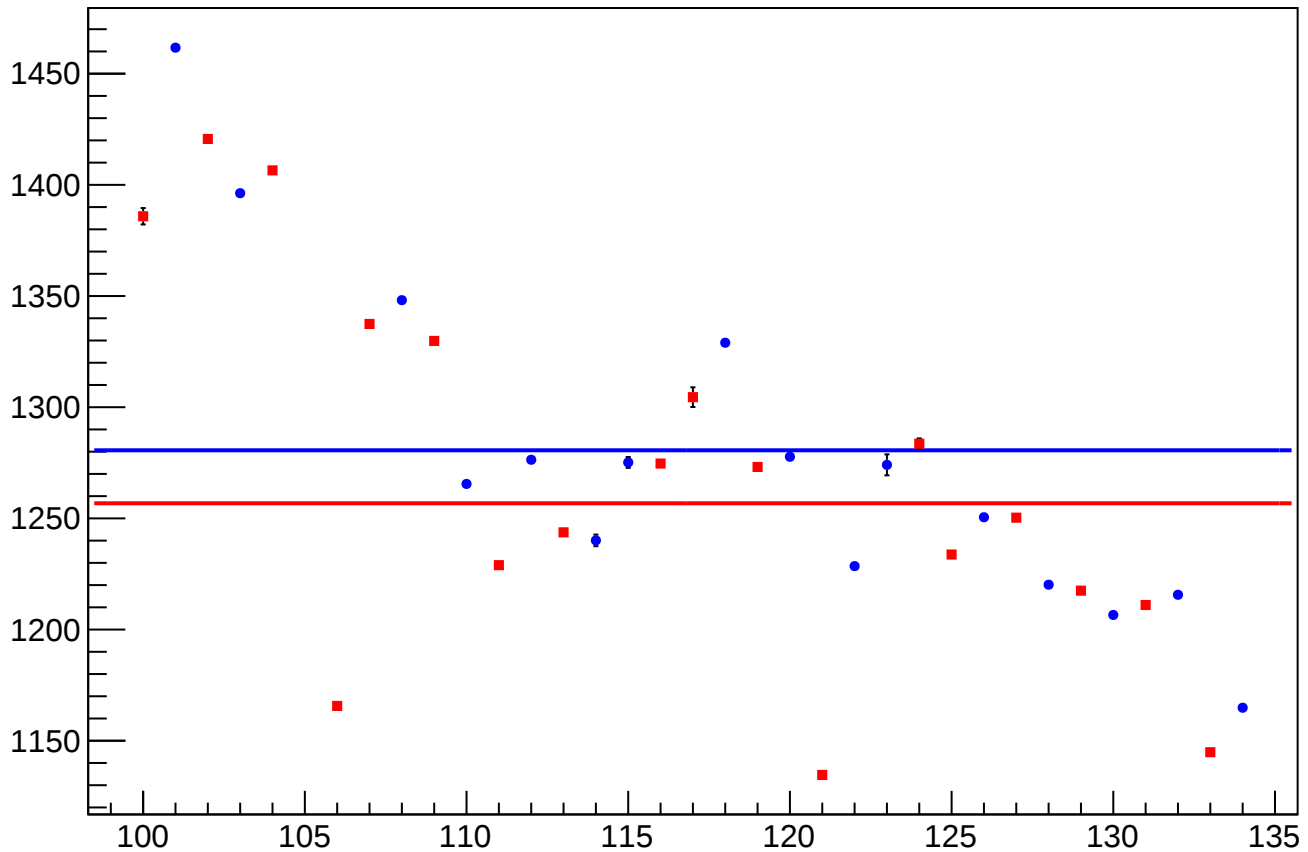
Right Out: 6.161+/-0.493 χ^2/NDF : 277.2/17

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

-7.691+/-0.528 χ^2/NDF : 396.7/15

6.161+/-0.493 χ^2/NDF : 277.2/17

diff_bpm0l08Y_rms vs Slug



Right In: 1280.627 $\pm$ 0.373 χ^2 /NDF: 43848.3/15

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

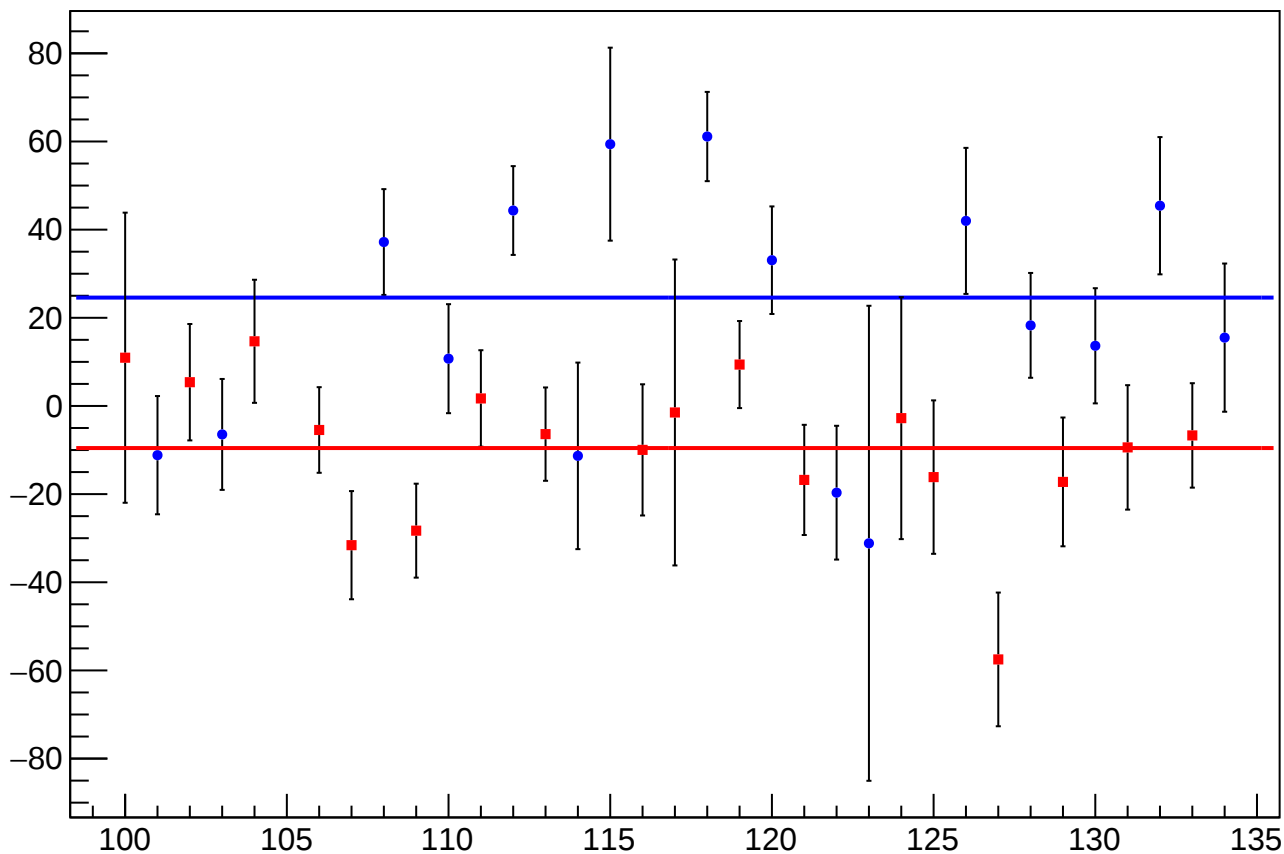
Right Out: 1256.793 $\pm$ 0.349 χ^2 /NDF: 56852.2/17

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

1280.627 $\pm$ 0.373 χ^2 /NDF: 43848.3/15

1256.793 $\pm$ 0.349 χ^2 /NDF: 56852.2/17

diff_bpm0l09X_mean vs Slug



Right In: 24.584+/-3.431 χ^2/NDF : 52.1/15

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

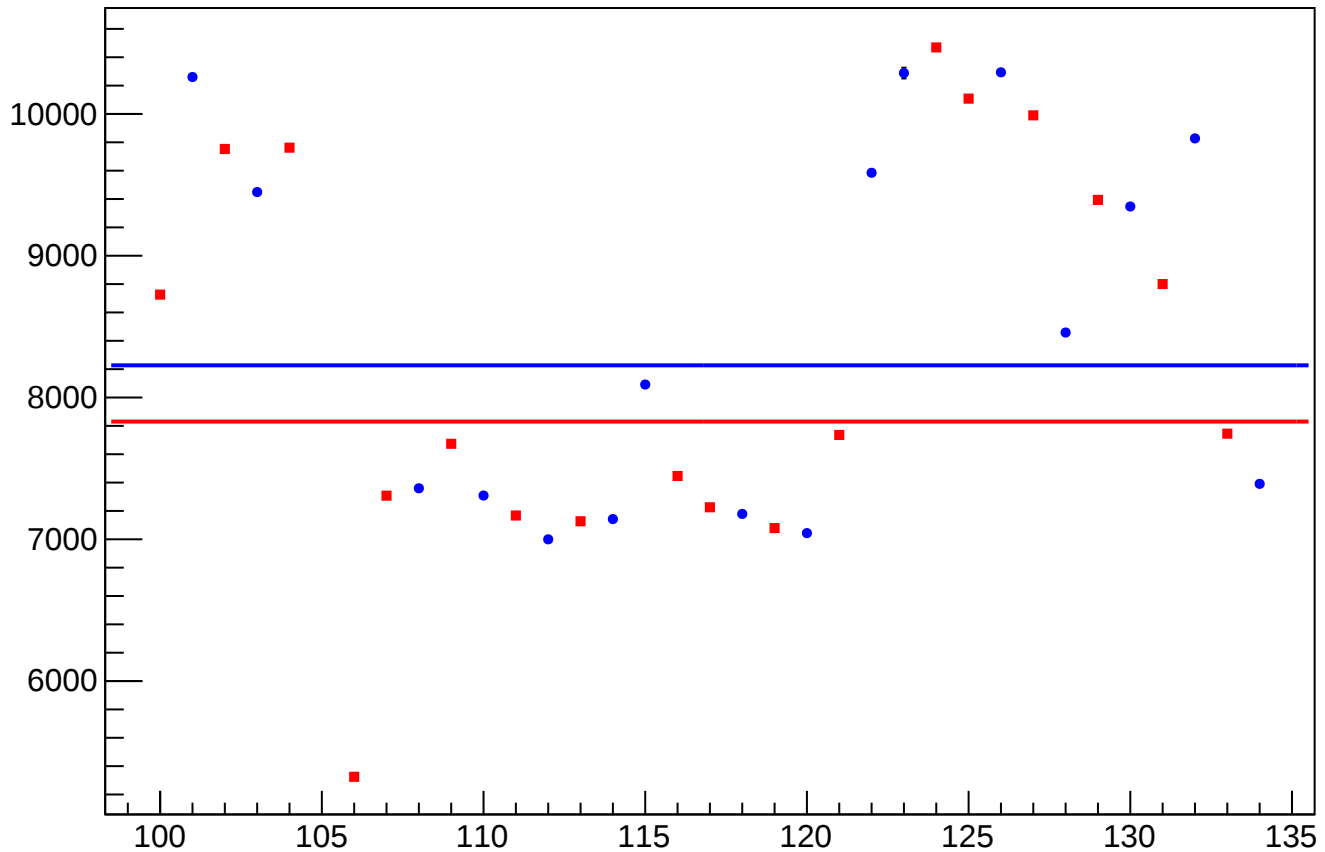
Right Out: -9.551+/-3.117 χ^2/NDF : 26.9/17

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

24.584+/-3.431 χ^2/NDF : 52.1/15

-9.551+/-3.117 χ^2/NDF : 26.9/17

diff_bpm0l09X_rms vs Slug



Right In: 8227.065 $\pm$ 2.426 χ^2 /NDF: 253194.0/15

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

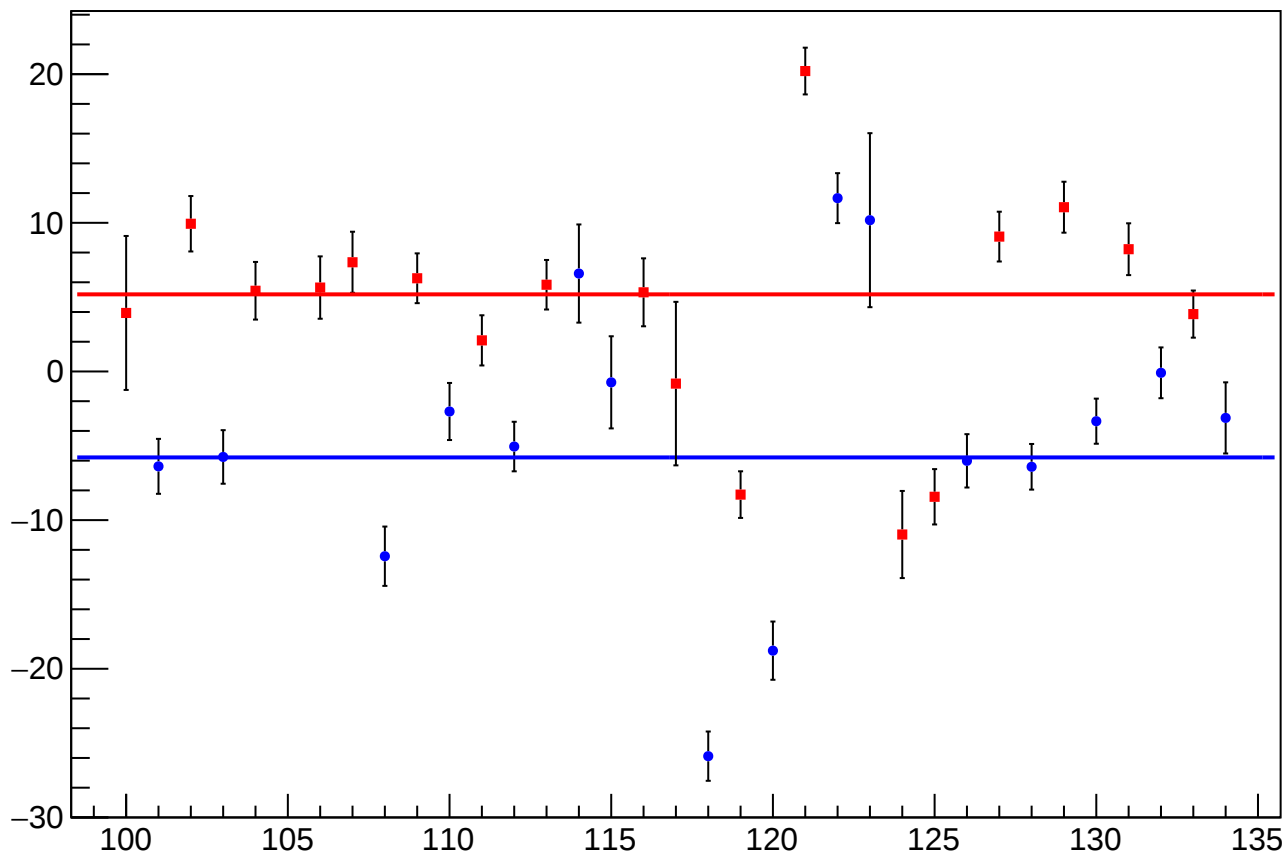
8227.065 $\pm$ 2.426 χ^2 /NDF: 253194.0/15

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: -5.782+/-0.478 χ^2/NDF : 351.9/15

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

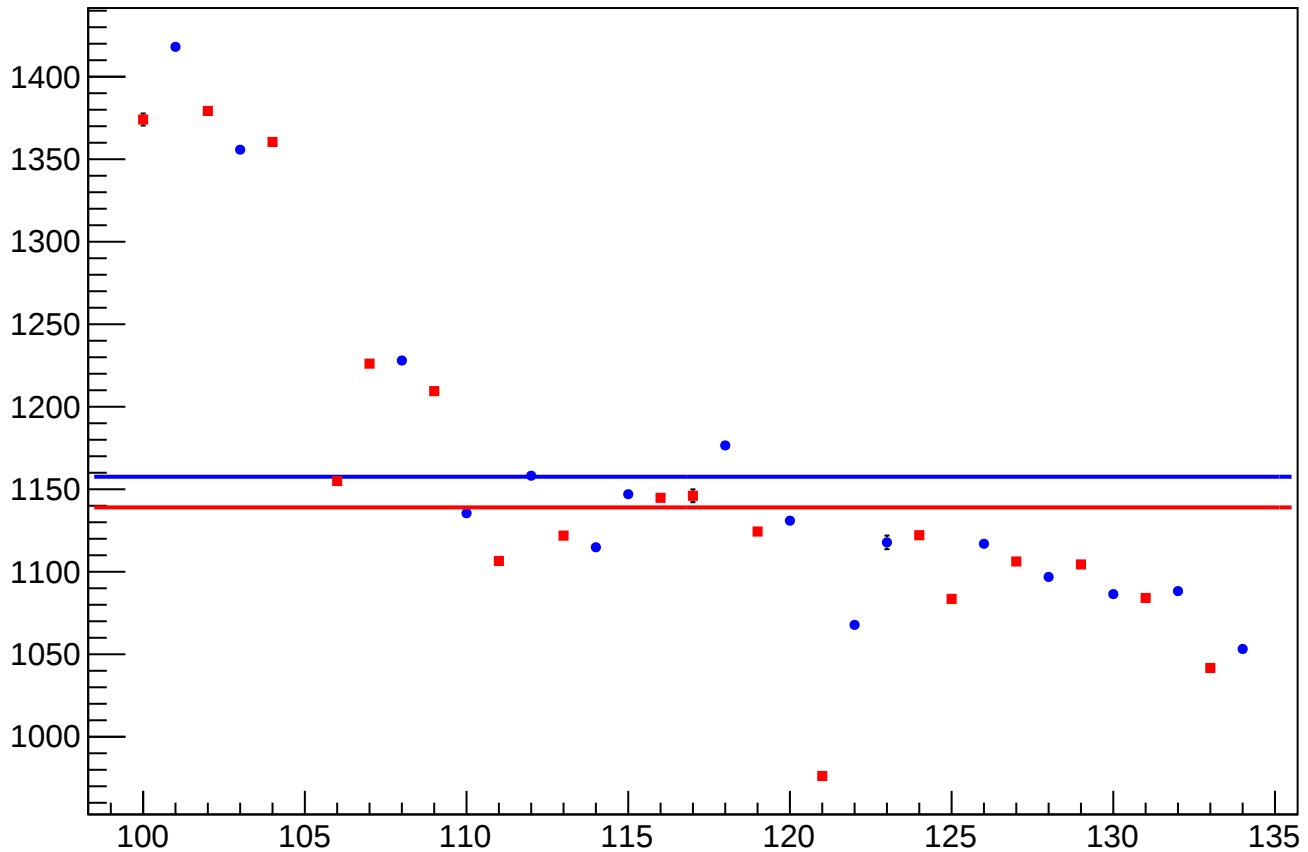
Right Out: 5.188+/-0.448 χ^2/NDF : 282.6/17

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

-5.782+/-0.478 χ^2/NDF : 351.9/15

5.188+/-0.448 χ^2/NDF : 282.6/17

diff_bpm0l09Y_rms vs Slug



Right In: 1157.589 $\pm$ 0.338 χ^2 /NDF: 89125.4/15

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

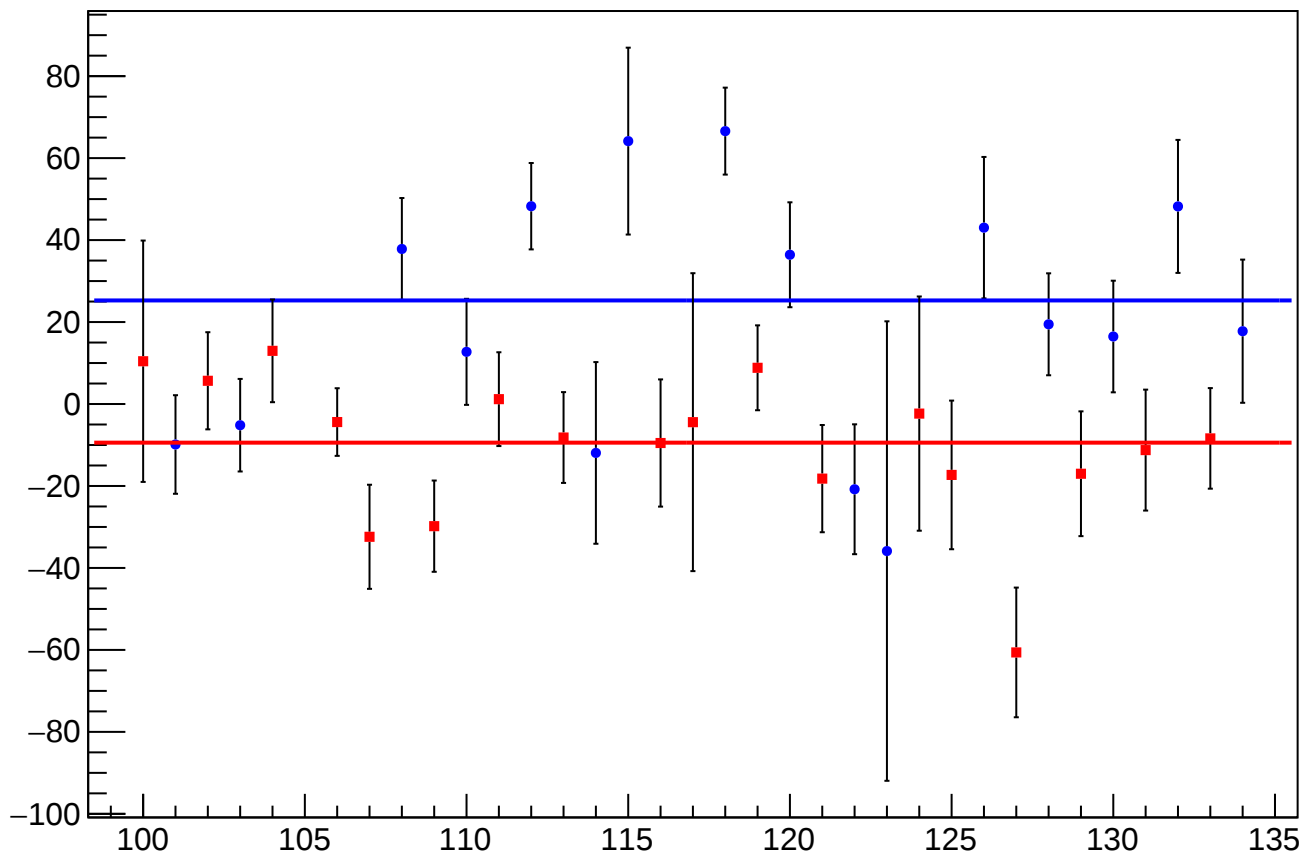
1157.589 $\pm$ 0.338 χ^2 /NDF: 89125.4/15

Right Out: 1139.015 $\pm$ 0.317 χ^2 /NDF: 106168.4/17

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

1139.015 $\pm$ 0.317 χ^2 /NDF: 106168.4/17

diff_bpm0l10X_mean vs Slug



Right In: 25.271+/-3.498 χ^2/NDF : 57.7/15

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

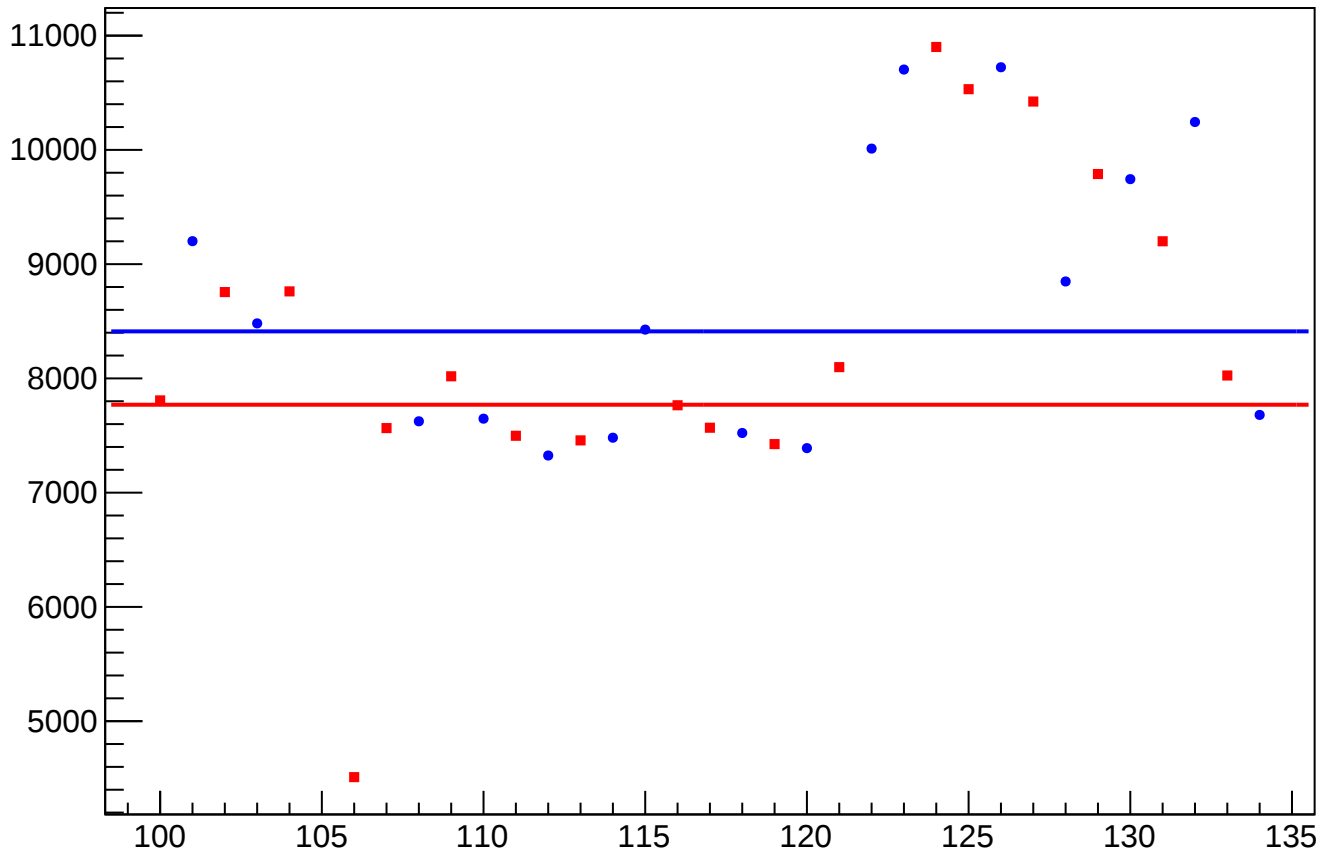
Right Out: -9.430+/-3.112 χ^2/NDF : 27.7/17

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

25.271+/-3.498 χ^2/NDF : 57.7/15

-9.430+/-3.112 χ^2/NDF : 27.7/17

diff_bpm0l10X_rms vs Slug



Right In: 8411.680 $\pm$ 2.473 χ^2 /NDF: 185507.6/15

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

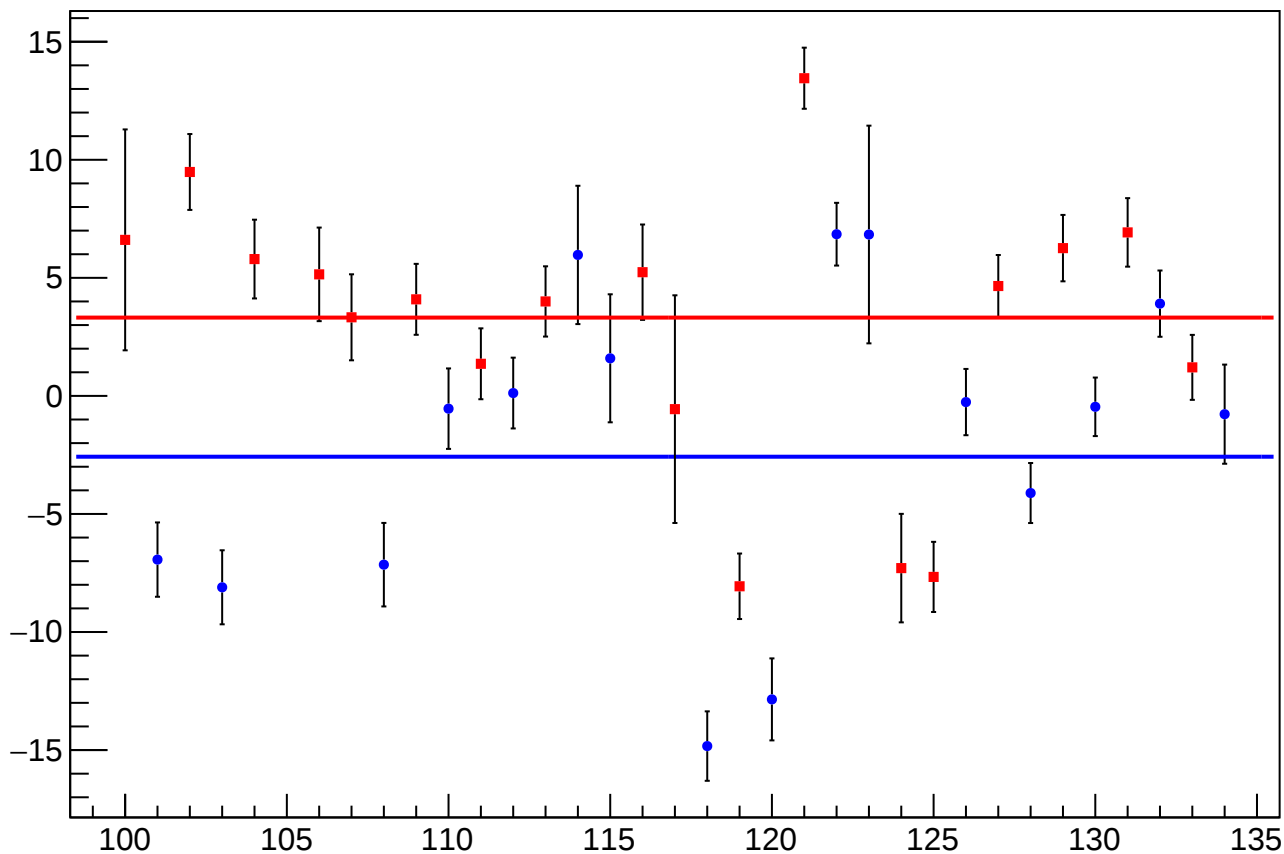
8411.680 $\pm$ 2.473 χ^2 /NDF: 185507.6/15

Right Out: 7769.565 $\pm$ 2.201 χ^2 /NDF: 527705.3/17

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

7769.565 $\pm$ 2.201 χ^2 /NDF: 527705.3/17

diff_bpm0l10Y_mean vs Slug



Right In: -2.576+/-0.405 χ^2/NDF : 230.5/15

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

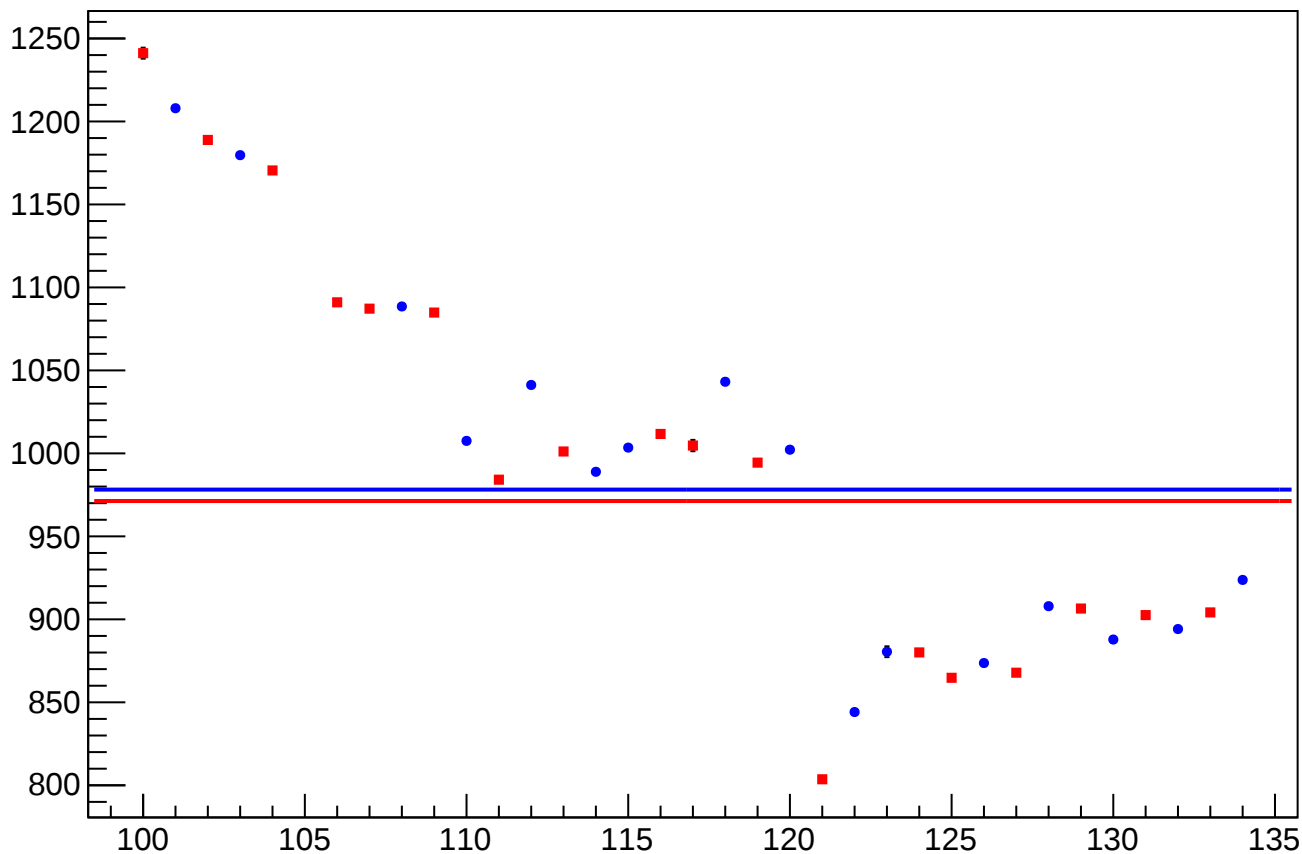
Right Out: 3.317+/-0.383 χ^2/NDF : 240.6/17

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

-2.576+/-0.405 χ^2/NDF : 230.5/15

3.317+/-0.383 χ^2/NDF : 240.6/17

diff_bpm0l10Y_rms vs Slug



Right In: 978.173+/-0.286 χ^2/NDF : 149671.3/15

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

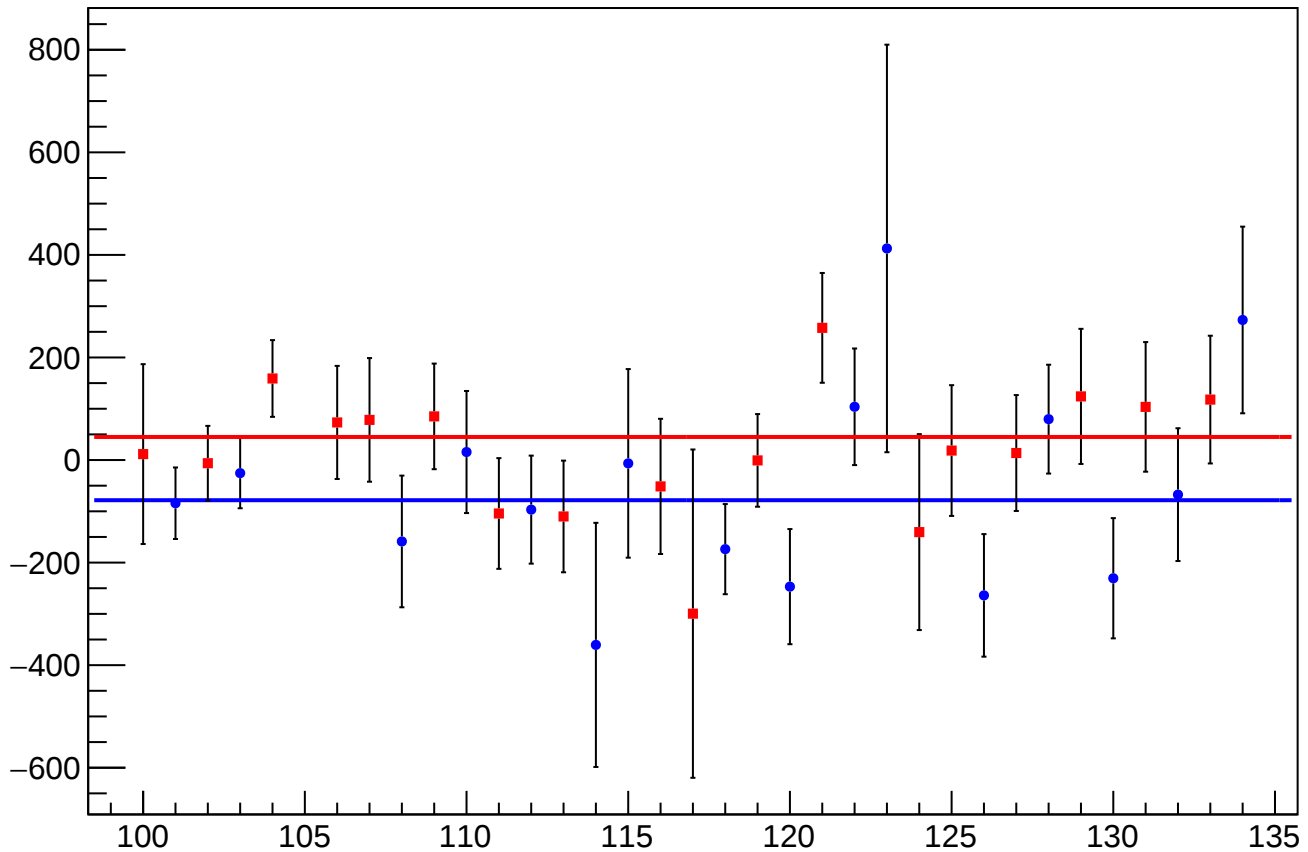
Right Out: 971.304+/-0.271 χ^2/NDF : 173975.7/17

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

978.173+/-0.286 χ^2/NDF : 149671.3/15

971.304+/-0.271 χ^2/NDF : 173975.7/17

diff_bpm0r03X_mean vs Slug



Right In: -78.345+/-27.721 χ^2 /NDF: 20.8/15

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

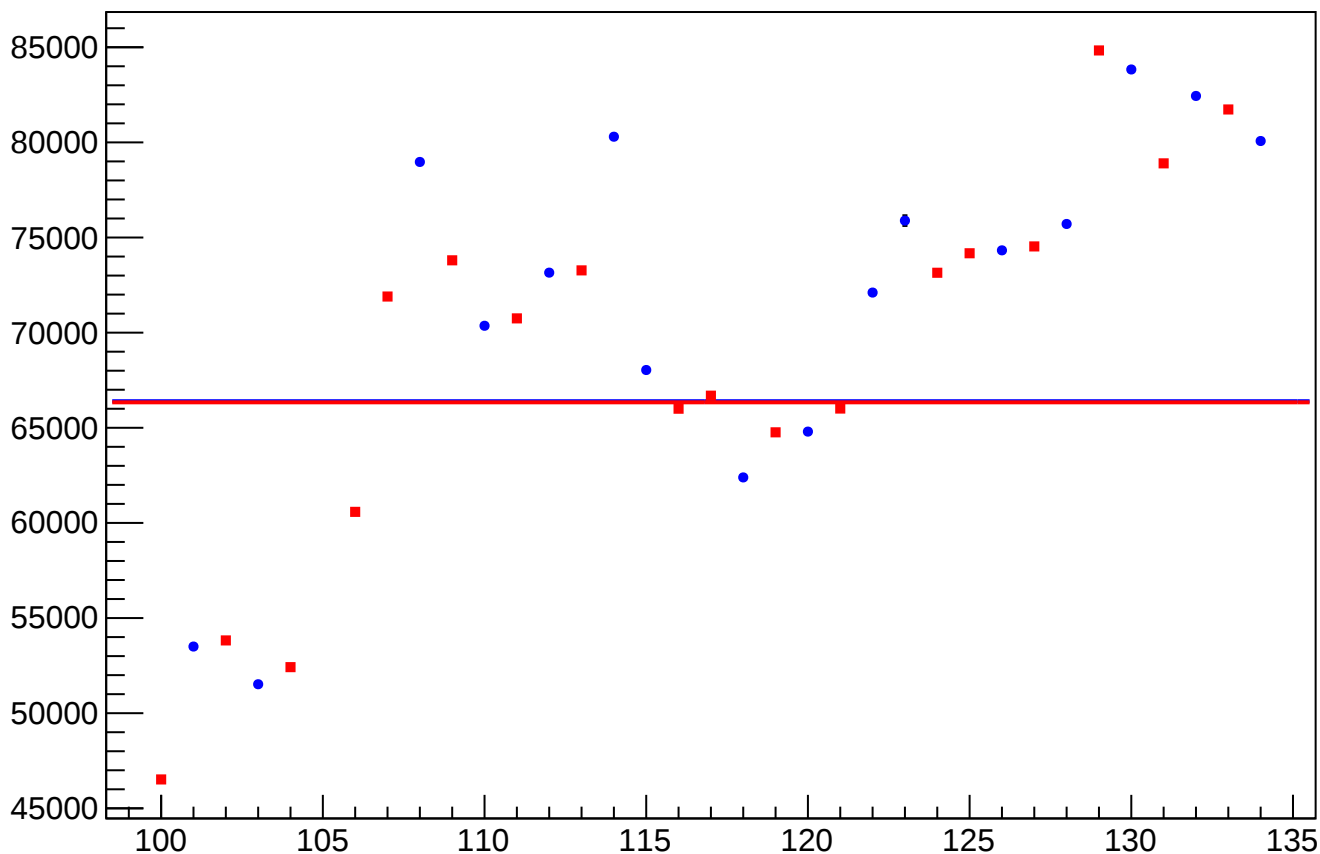
Right Out: 44.977+/-26.311 χ^2 /NDF: 15.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-78.345+/-27.721 χ^2 /NDF: 20.8/15

44.977+/-26.311 χ^2 /NDF: 15.0/17

diff_bpm0r03X_rms vs Slug



Right In: 66397.362 $\pm$ 19.602 χ^2 /NDF: 320533.1/15

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

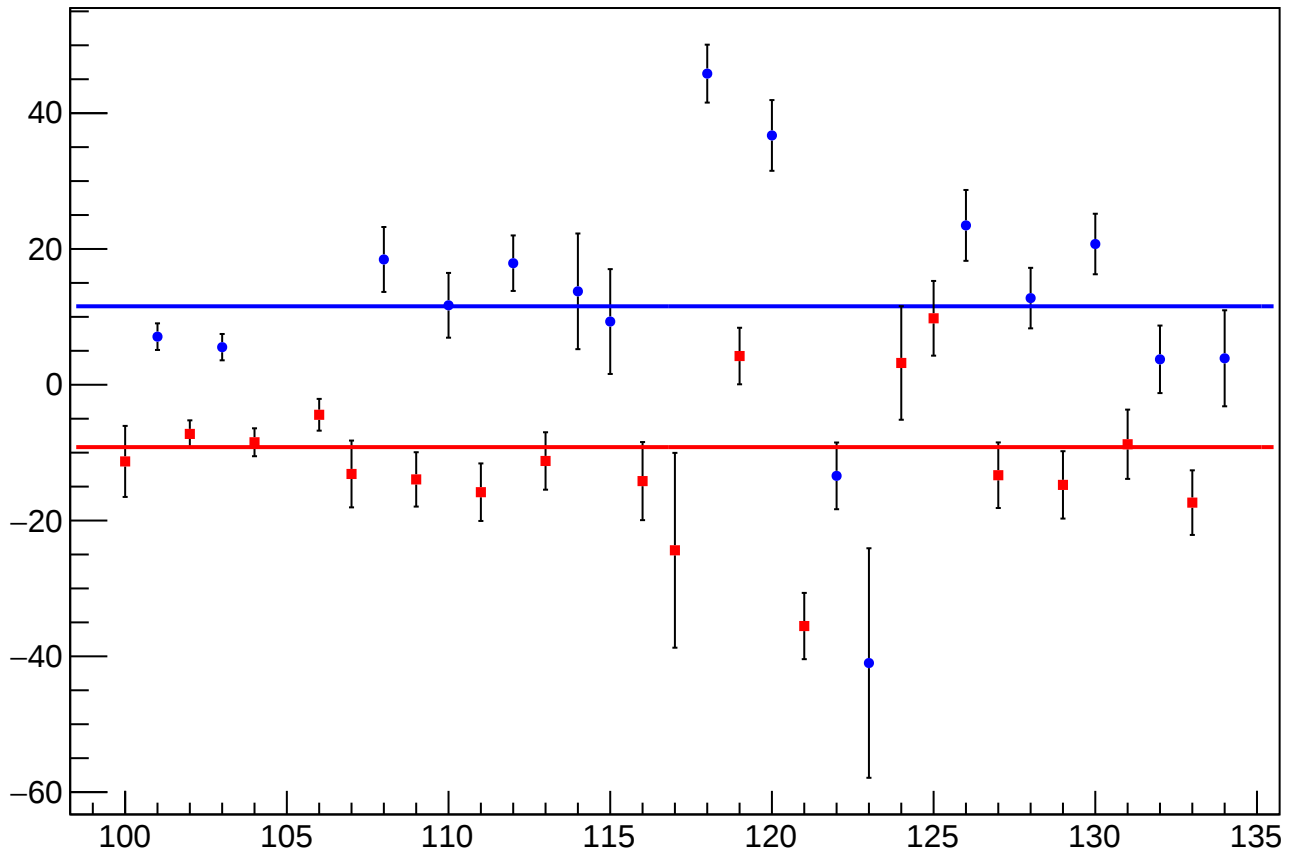
Right Out: 66338.375 $\pm$ 18.605 χ^2 /NDF: 296535.2/17

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

66397.362 $\pm$ 19.602 χ^2 /NDF: 320533.1/15

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

diff_bpm0r03Y_mean vs Slug



Right In: 11.558 $\pm$ 0.981 χ^2 /NDF: 156.0/15

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

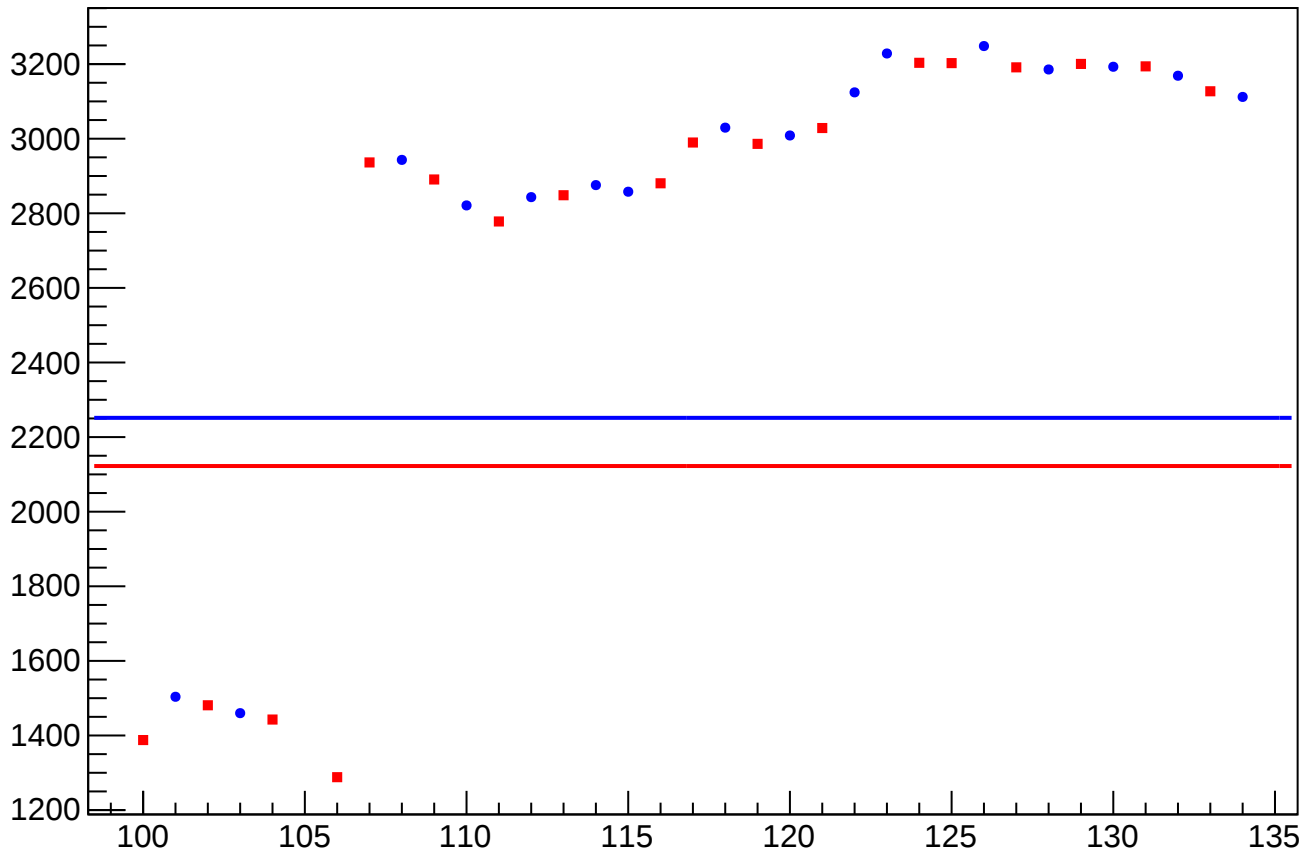
Right Out: -9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

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

11.558 $\pm$ 0.981 χ^2 /NDF: 156.0/15

-9.184 $\pm$ 0.888 χ^2 /NDF: 70.6/17

diff_bpm0r03Y_rms vs Slug



Right In: 2251.604 $\pm$ 0.694 χ^2 /NDF: 1285656.3/15

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

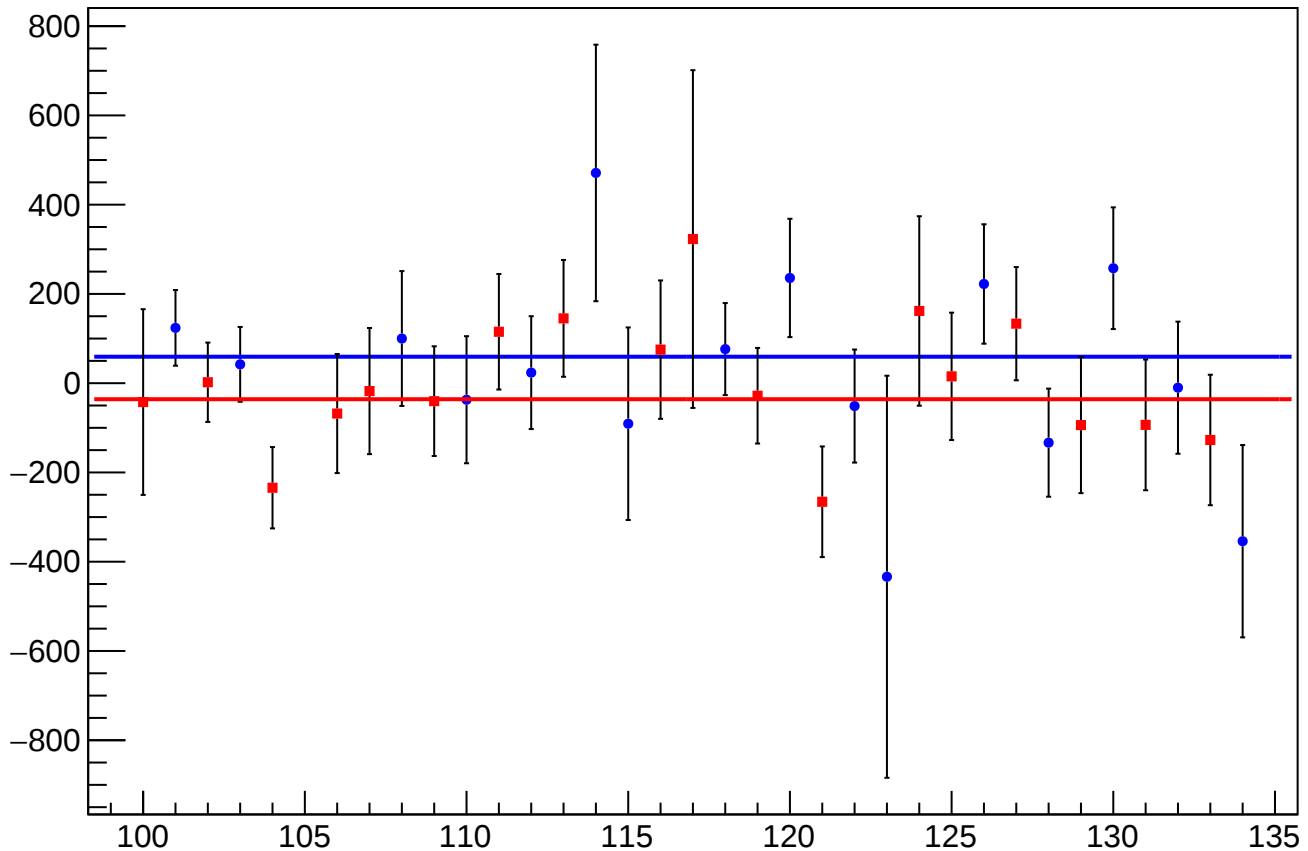
2251.604 $\pm$ 0.694 χ^2 /NDF: 1285656.3/15

Right Out: 2122.422 $\pm$ 0.628 χ^2 /NDF: 1629922.7/17

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

2122.422 $\pm$ 0.628 χ^2 /NDF: 1629922.7/17

diff_bpm0r05X_mean vs Slug



Right In: 59.318+/-32.720 χ^2/NDF : 17.6/15

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

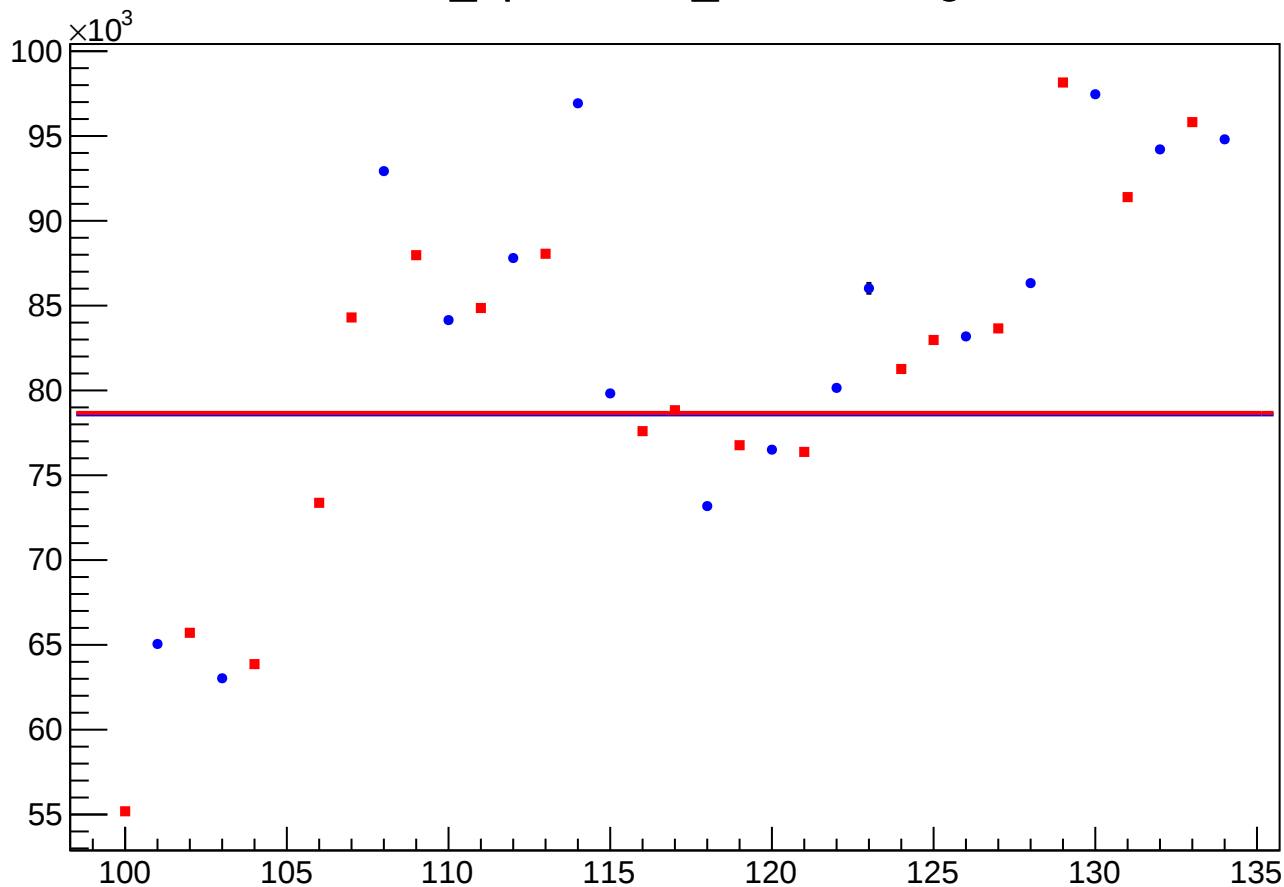
Right Out: -35.899+/-31.140 χ^2/NDF : 16.6/17

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

59.318+/-32.720 χ^2/NDF : 17.6/15

-35.899+/-31.140 χ^2/NDF : 16.6/17

diff_bpm0r05X_rms vs Slug



Right In: 78586.953 $\pm$ 23.136 χ^2 /NDF: 249121.2/15

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

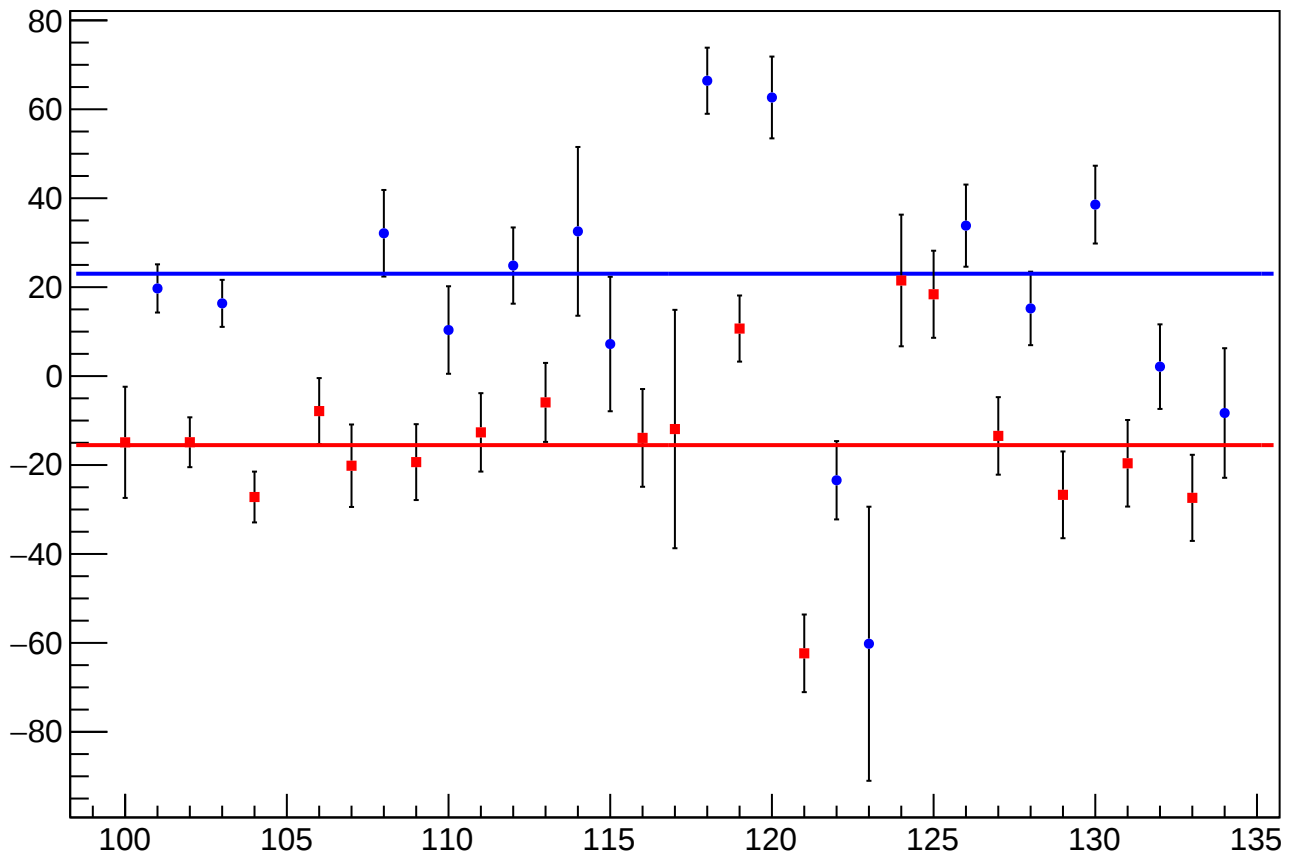
Right Out: 78677.001 $\pm$ 22.019 χ^2 /NDF: 235341.4/17

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

78586.953 $\pm$ 23.136 χ^2 /NDF: 249121.2/15

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

diff_bpm0r05Y_mean vs Slug



Right In: 23.023 $\pm$ 2.180 χ^2 /NDF: 108.5/15

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

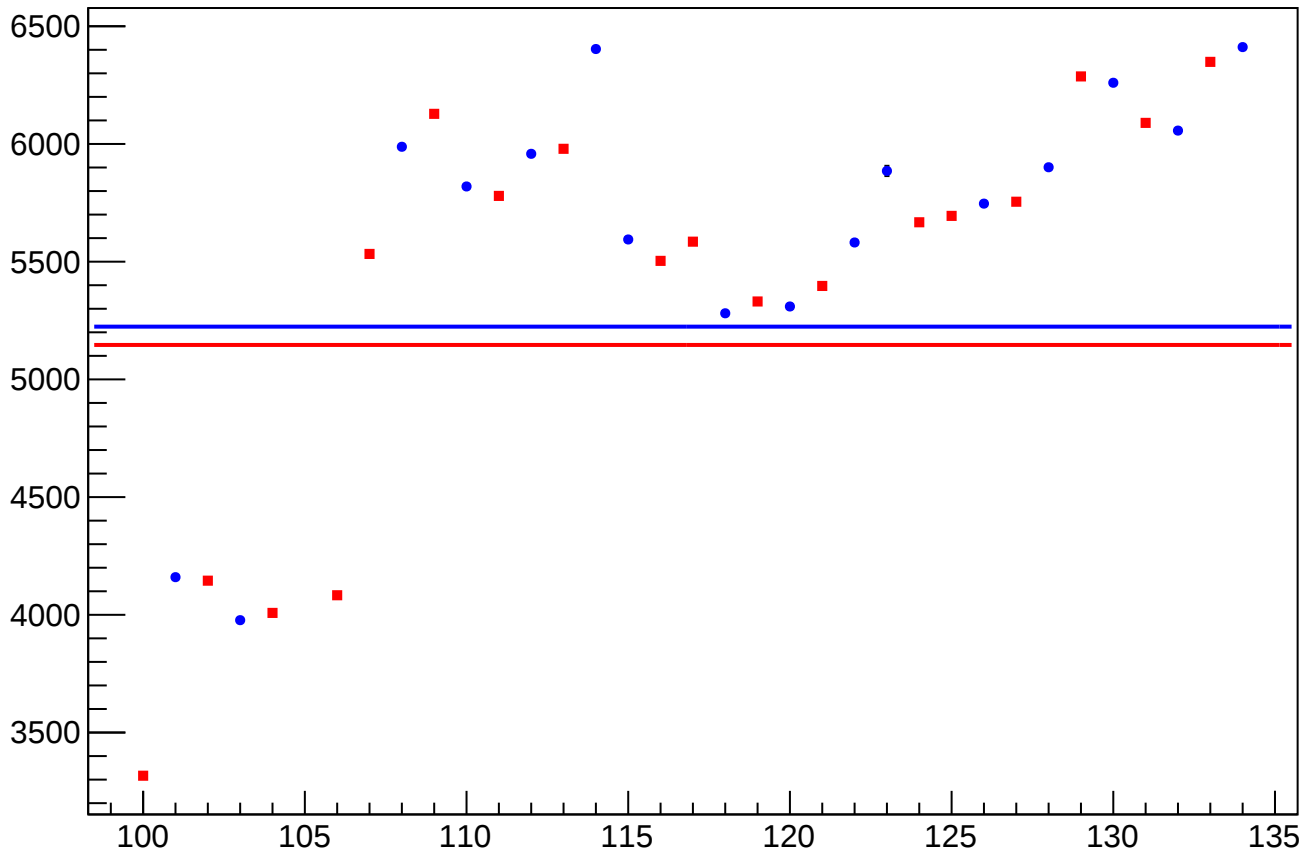
Right Out: -15.524 $\pm$ 2.047 χ^2 /NDF: 69.5/17

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

23.023 $\pm$ 2.180 χ^2 /NDF: 108.5/15

-15.524 $\pm$ 2.047 χ^2 /NDF: 69.5/17

diff_bpm0r05Y_rms vs Slug



Right In: 5224.066+/-1.541 χ^2/NDF : 312492.4/15

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

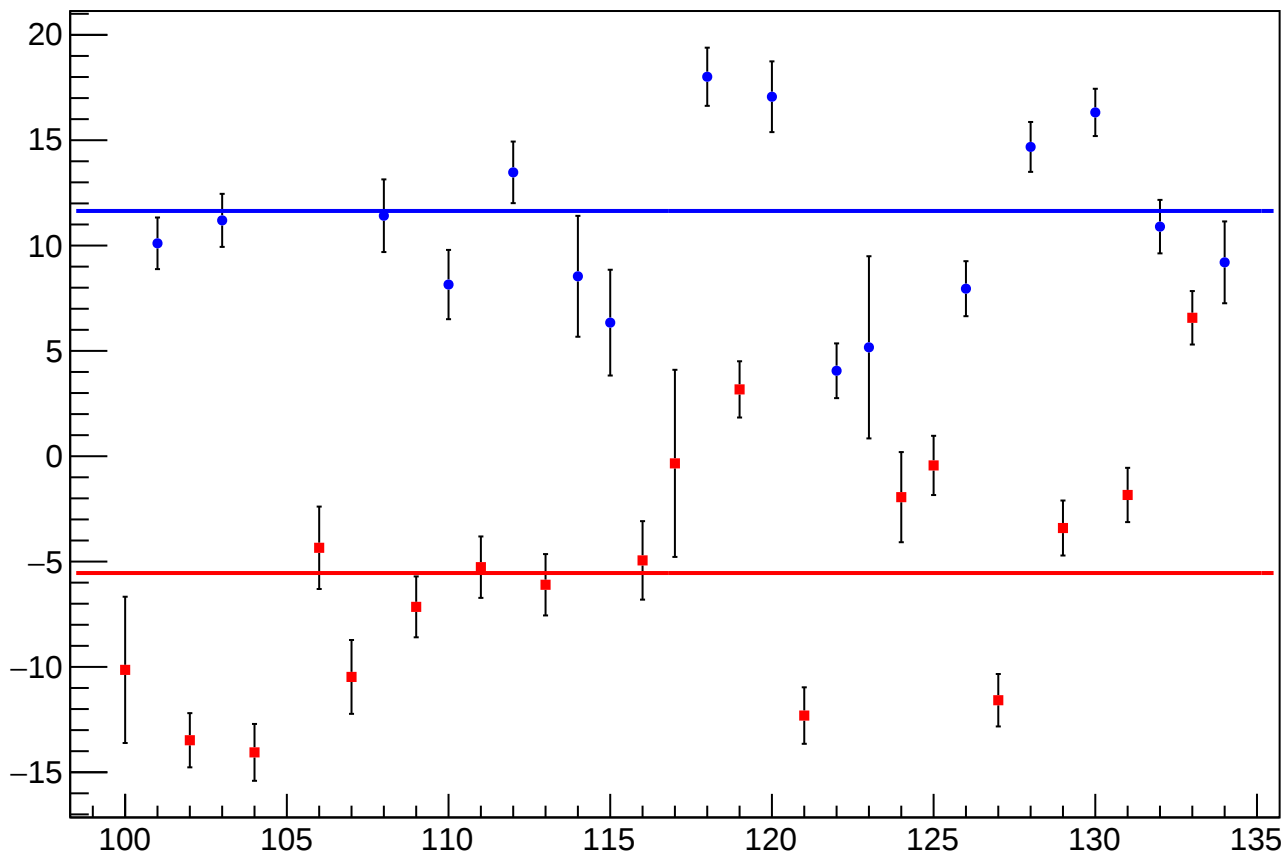
5224.066+/-1.541 χ^2/NDF : 312492.4/15

Right Out: 5146.305+/-1.447 χ^2/NDF : 385916.2/17

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

5146.305+/-1.447 χ^2/NDF : 385916.2/17

diff_bpm2i01X_mean vs Slug



Right In: 11.642 $\pm$ 0.371 χ^2 /NDF: 115.3/15

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

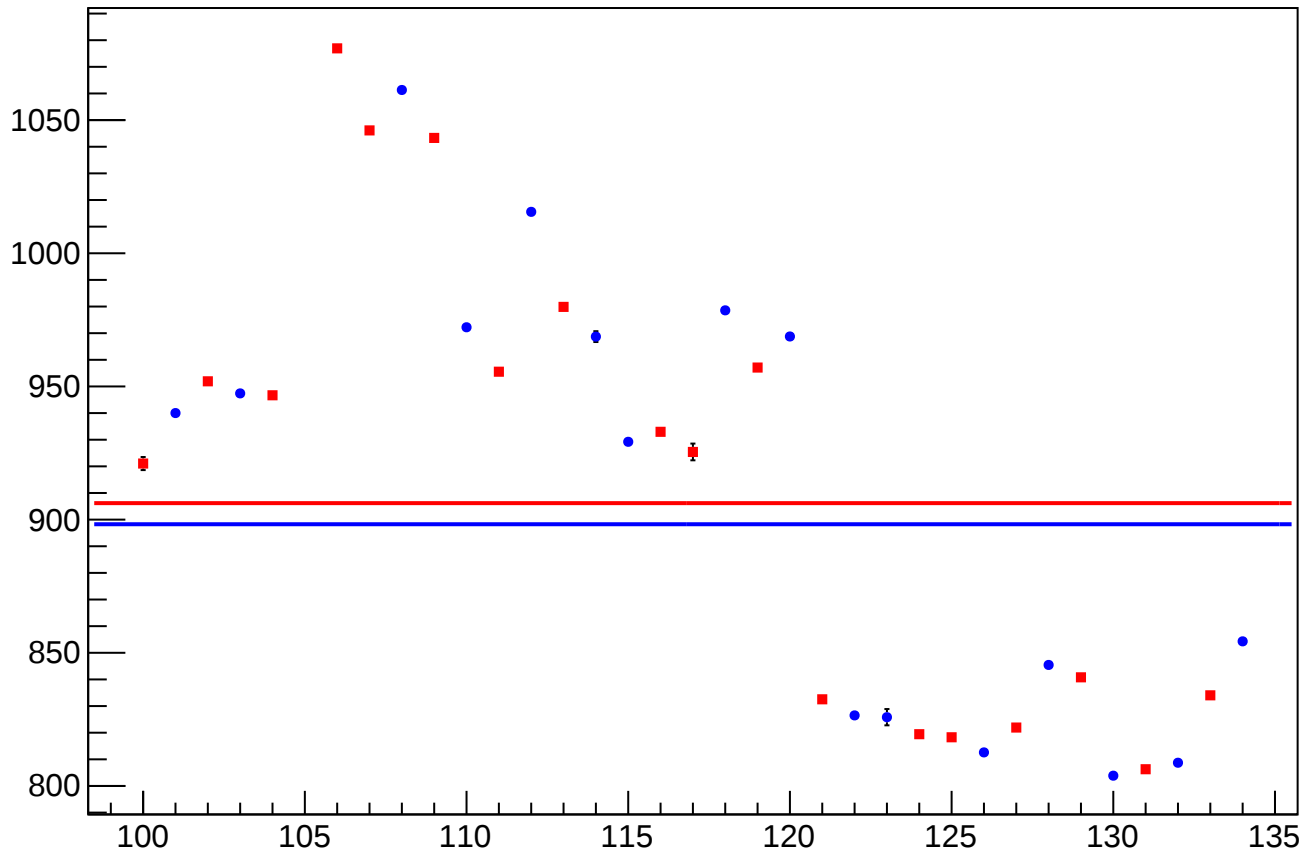
Right Out: -5.544 $\pm$ 0.356 χ^2 /NDF: 300.5/17

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

11.642 $\pm$ 0.371 χ^2 /NDF: 115.3/15

-5.544 $\pm$ 0.356 χ^2 /NDF: 300.5/17

diff_bpm2i01X_rms vs Slug



Right In: 898.266 $\pm$ 0.262 χ^2 /NDF: 96362.5/15

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

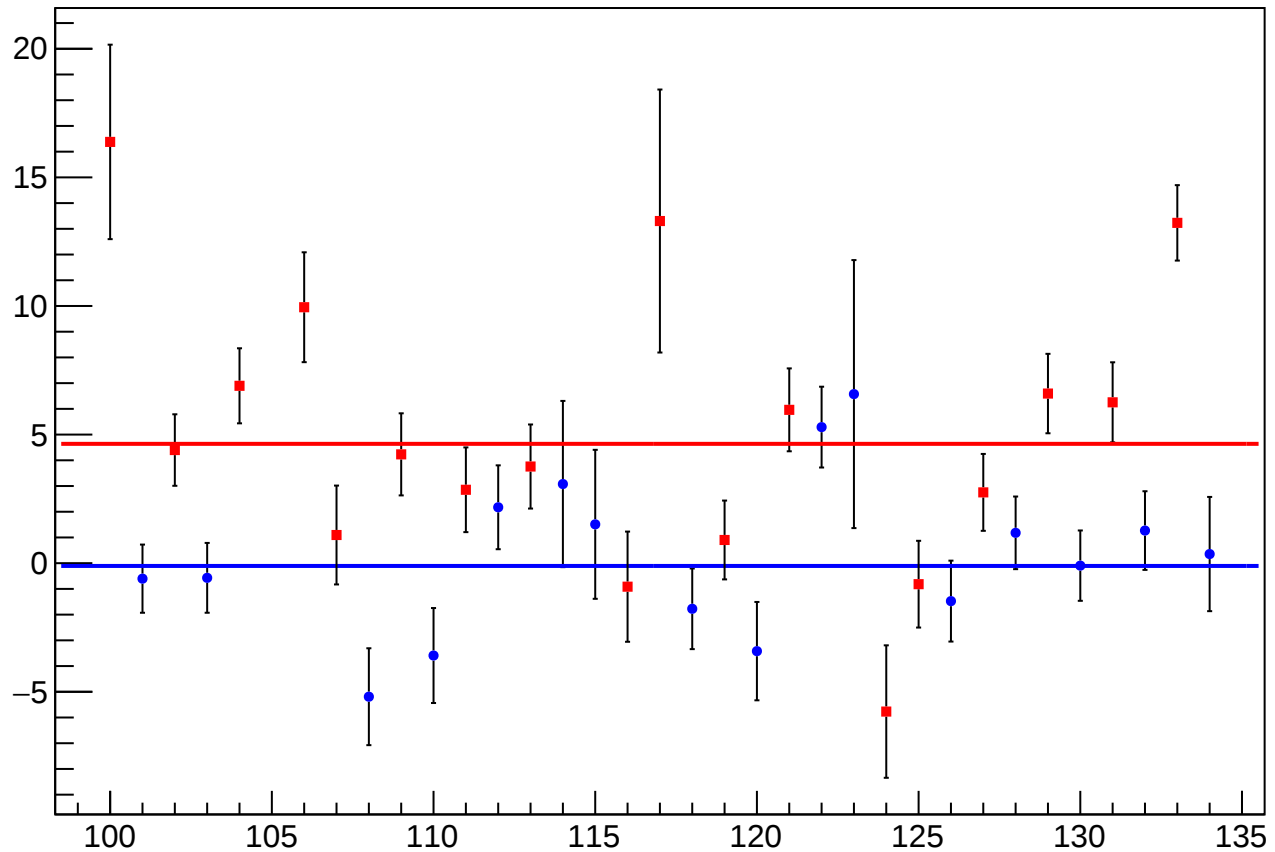
Right Out: 906.189 $\pm$ 0.252 χ^2 /NDF: 110972.0/17

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

898.266 $\pm$ 0.262 χ^2 /NDF: 96362.5/15

906.189 $\pm$ 0.252 χ^2 /NDF: 110972.0/17

diff_bpm2i01Y_mean vs Slug



Right In: -0.107 ± 0.428 χ^2/NDF : 34.4/15

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

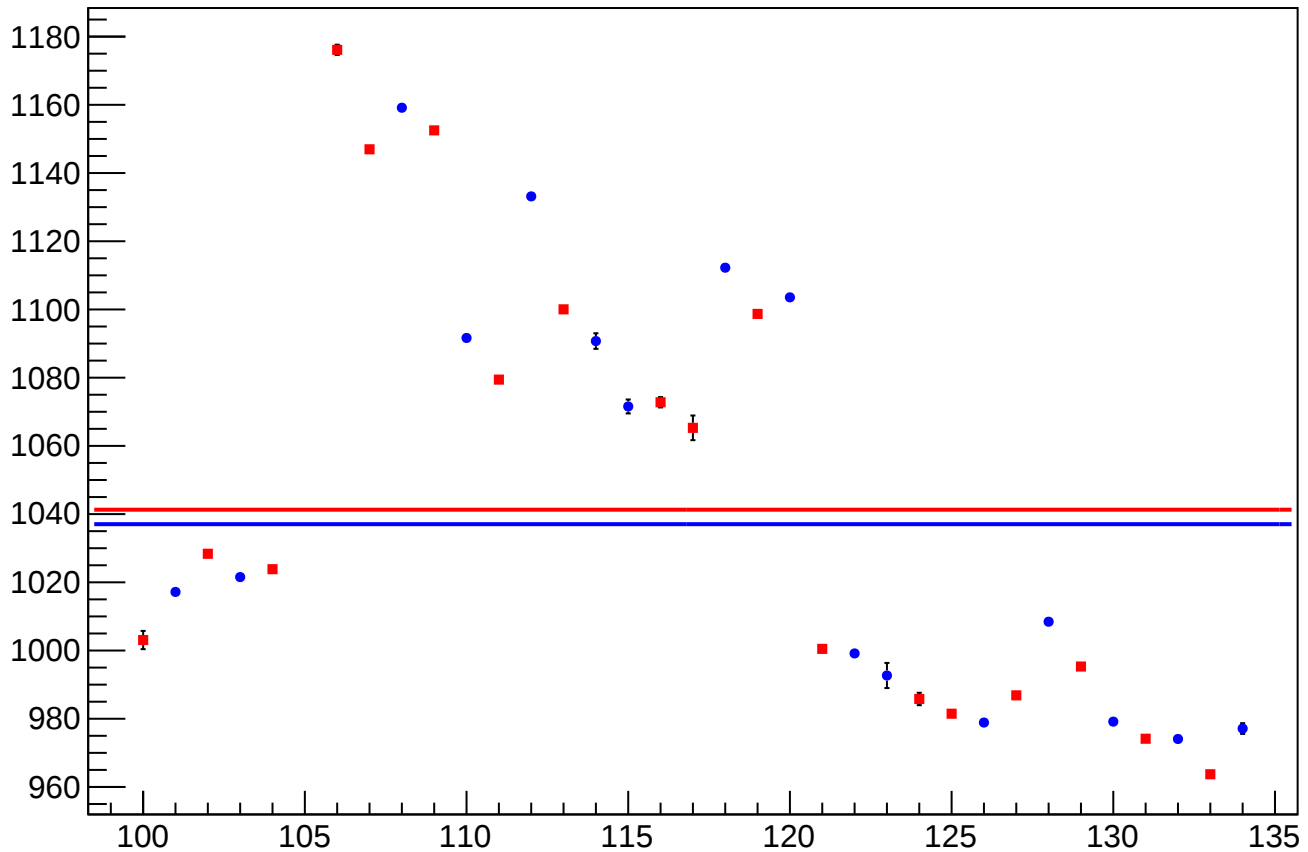
Right Out: 4.640 ± 0.408 χ^2/NDF : 104.8/17

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

-0.107 ± 0.428 χ^2/NDF : 34.4/15

4.640 ± 0.408 χ^2/NDF : 104.8/17

diff_bpm2i01Y_rms vs Slug



Right In: 1037.048 $\pm$ 0.302 χ^2 /NDF: 38964.8/15

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

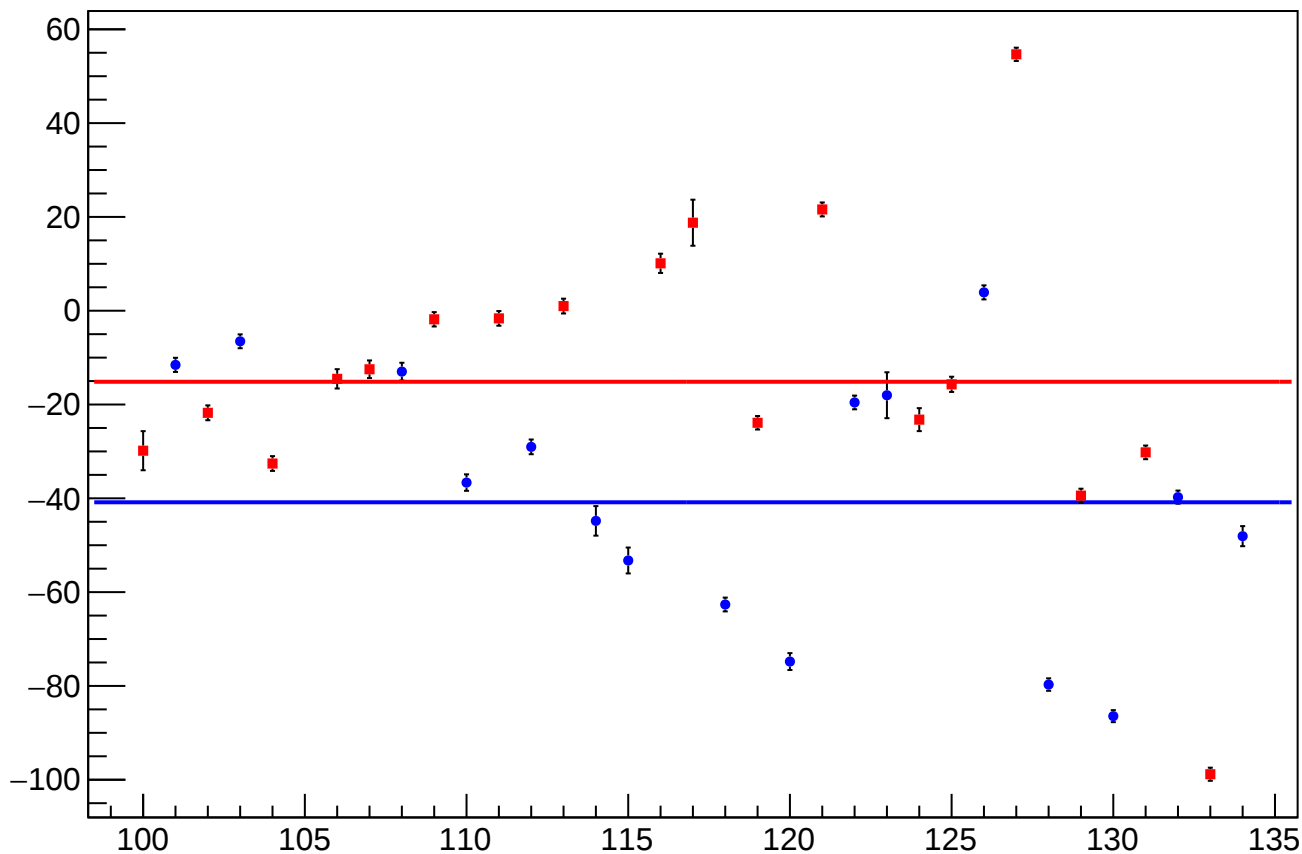
Right Out: 1041.292 $\pm$ 0.289 χ^2 /NDF: 49798.9/17

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

1037.048 $\pm$ 0.302 χ^2 /NDF: 38964.8/15

1041.292 $\pm$ 0.289 χ^2 /NDF: 49798.9/17

diff_bpm2i02X_mean vs Slug



Right In: -40.846 ± 0.417 χ^2/NDF : 5040.3/15

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

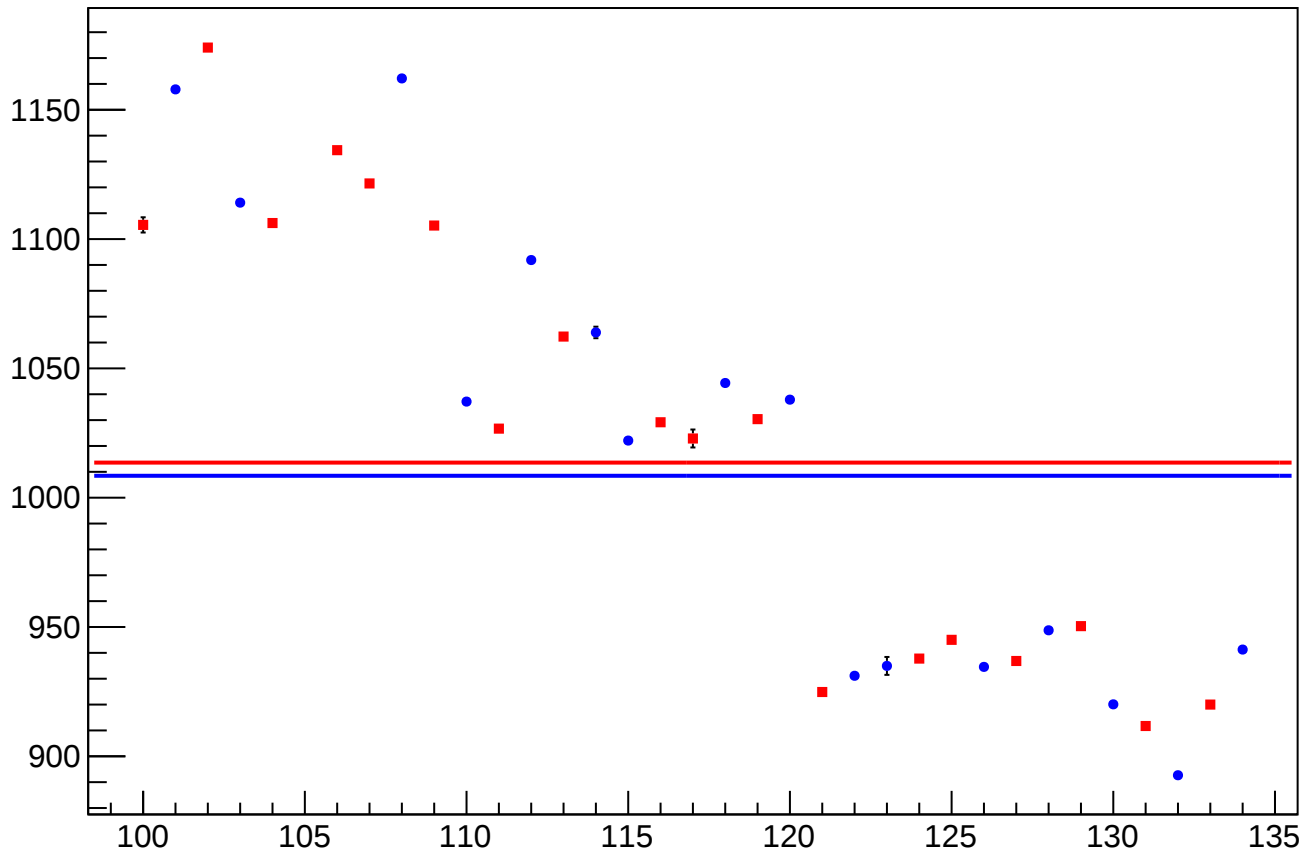
Right Out: -15.147 ± 0.398 χ^2/NDF : 7637.7/17

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

-40.846 ± 0.417 χ^2/NDF : 5040.3/15

-15.147 ± 0.398 χ^2/NDF : 7637.7/17

diff_bpm2i02X_rms vs Slug



Right In: 1008.474 $\pm$ 0.295 χ^2 /NDF: 91620.1/15

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

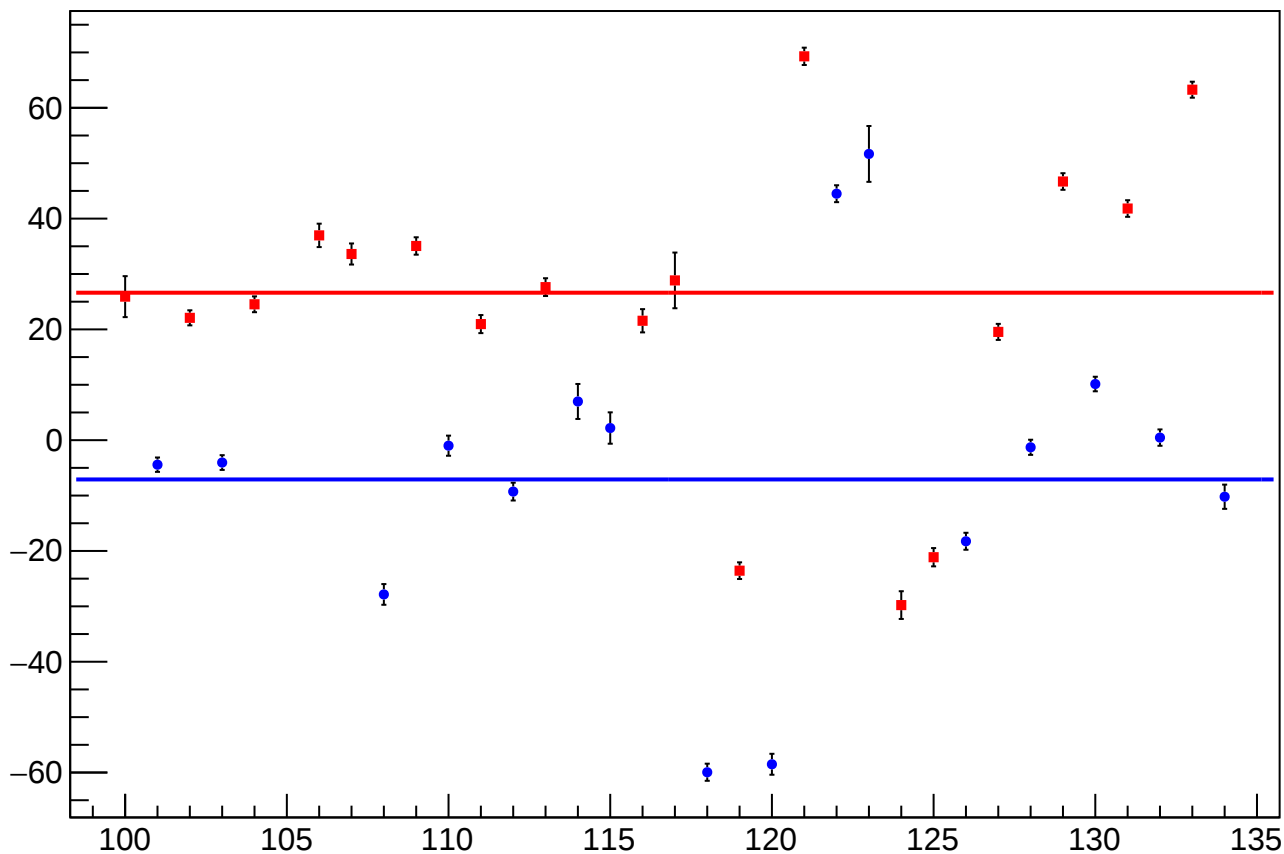
Right Out: 1013.570 $\pm$ 0.282 χ^2 /NDF: 92232.3/17

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

1008.474 $\pm$ 0.295 χ^2 /NDF: 91620.1/15

1013.570 $\pm$ 0.282 χ^2 /NDF: 92232.3/17

diff_bpm2i02Y_mean vs Slug



Right In: -7.091+/-0.418 χ^2/NDF : 3636.3/15

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

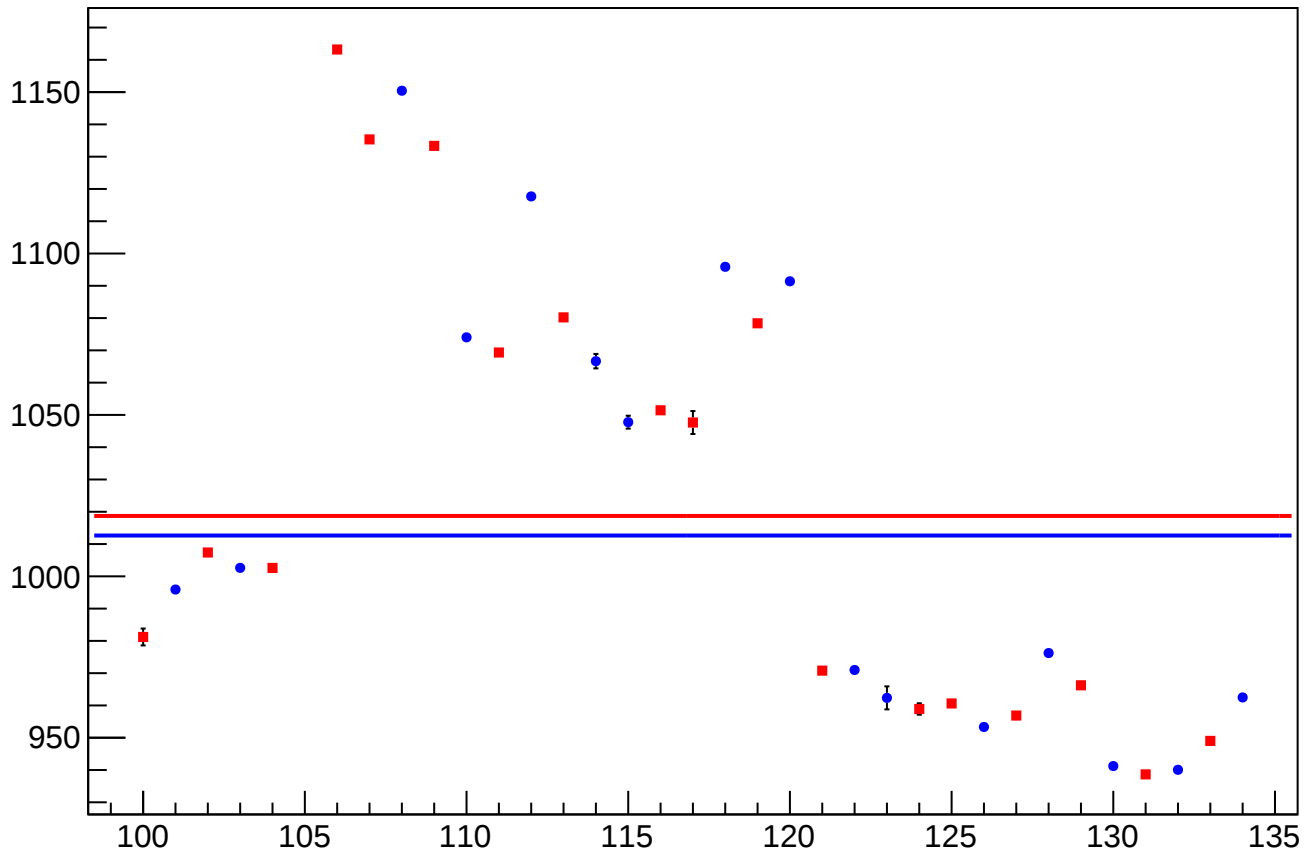
Right Out: 26.621+/-0.400 χ^2/NDF : 4251.2/17

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

-7.091+/-0.418 χ^2/NDF : 3636.3/15

26.621+/-0.400 χ^2/NDF : 4251.2/17

diff_bpm2i02Y_rms vs Slug



Right In: 1012.640 $\pm$ 0.295 χ^2 /NDF: 50206.1/15

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

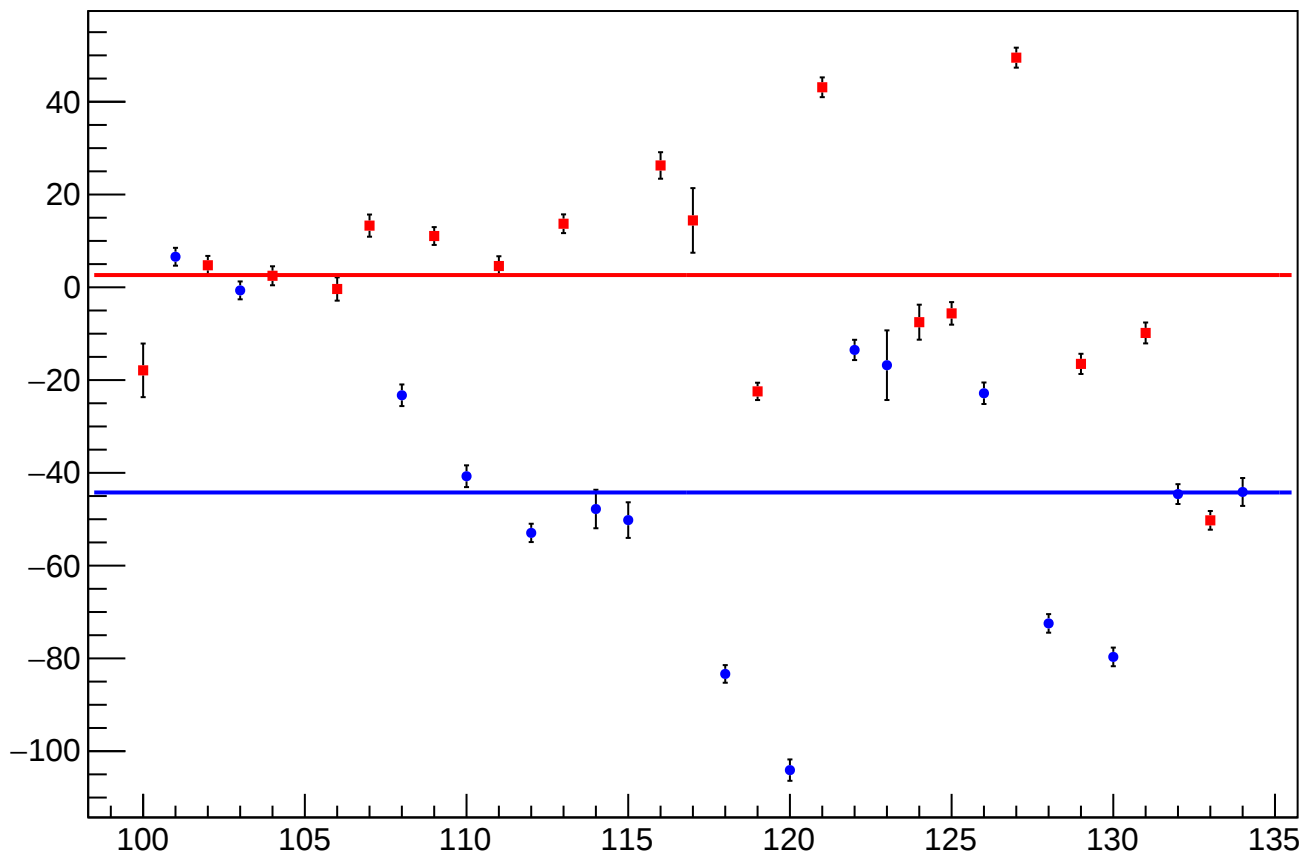
Right Out: 1018.704 $\pm$ 0.283 χ^2 /NDF: 58663.6/17

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

1012.640 $\pm$ 0.295 χ^2 /NDF: 50206.1/15

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

diff_bpm0i02X_mean vs Slug



Right In: -44.230+/-0.578 χ^2/NDF : 3221.2/15

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

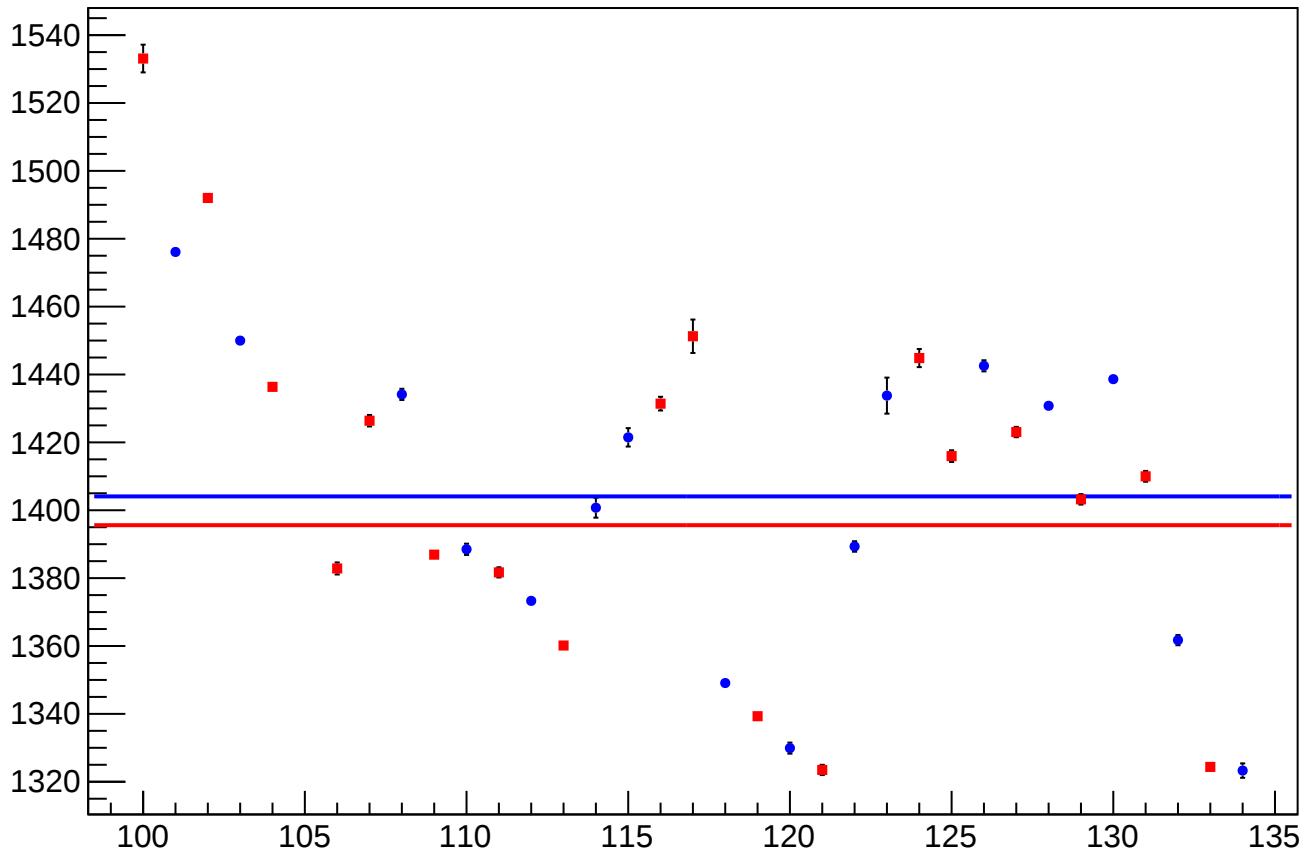
Right Out: 2.641+/-0.546 χ^2/NDF : 1986.2/17

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

-44.230+/-0.578 χ^2/NDF : 3221.2/15

2.641+/-0.546 χ^2/NDF : 1986.2/17

diff_bpm0i02X_rms vs Slug



Right In: 1404.083+/-0.409 χ^2/NDF : 12491.5/15

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

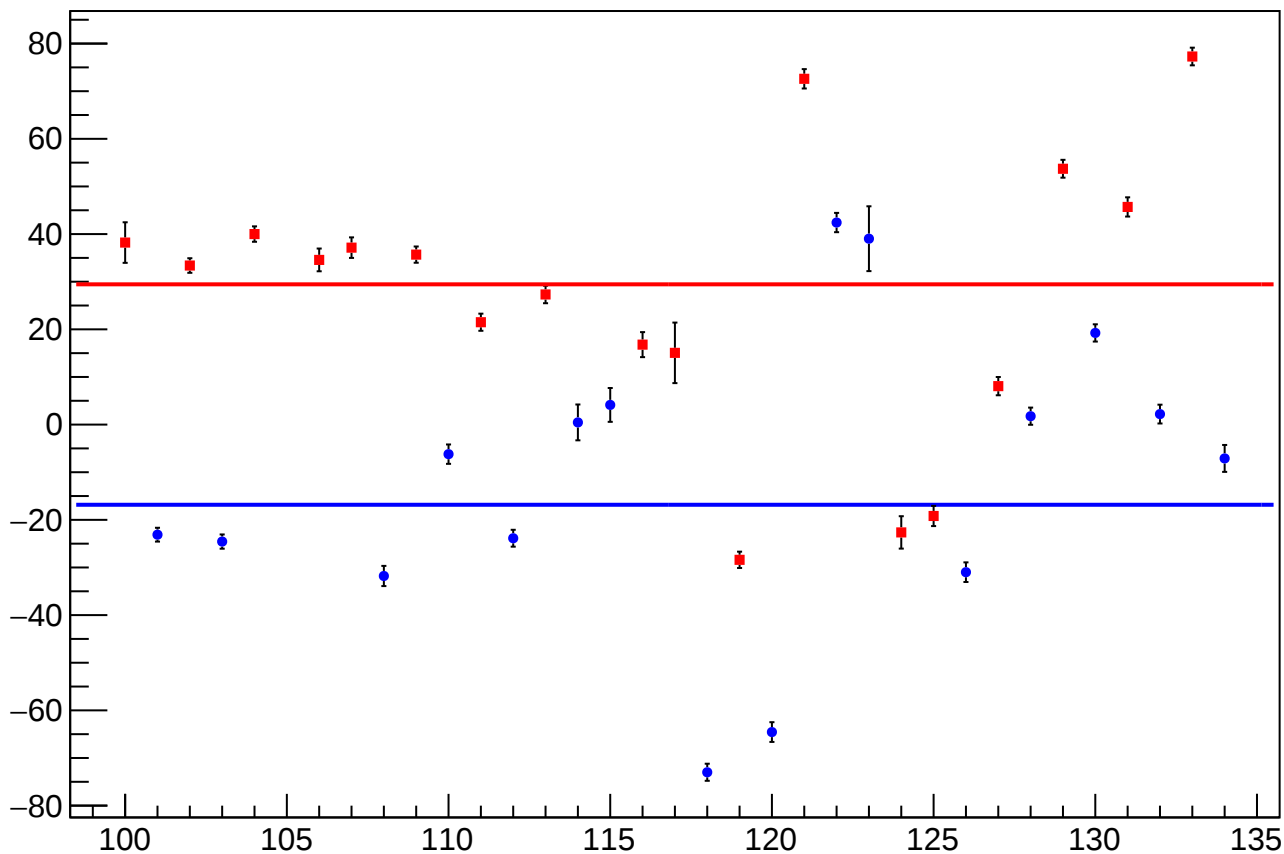
Right Out: 1395.597+/-0.386 χ^2/NDF : 15583.7/17

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

1404.083+/-0.409 χ^2/NDF : 12491.5/15

1395.597+/-0.386 χ^2/NDF : 15583.7/17

diff_bpm0i02Y_mean vs Slug



Right In: -16.834 $\pm$ 0.507 χ^2 /NDF: 3283.8/15

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

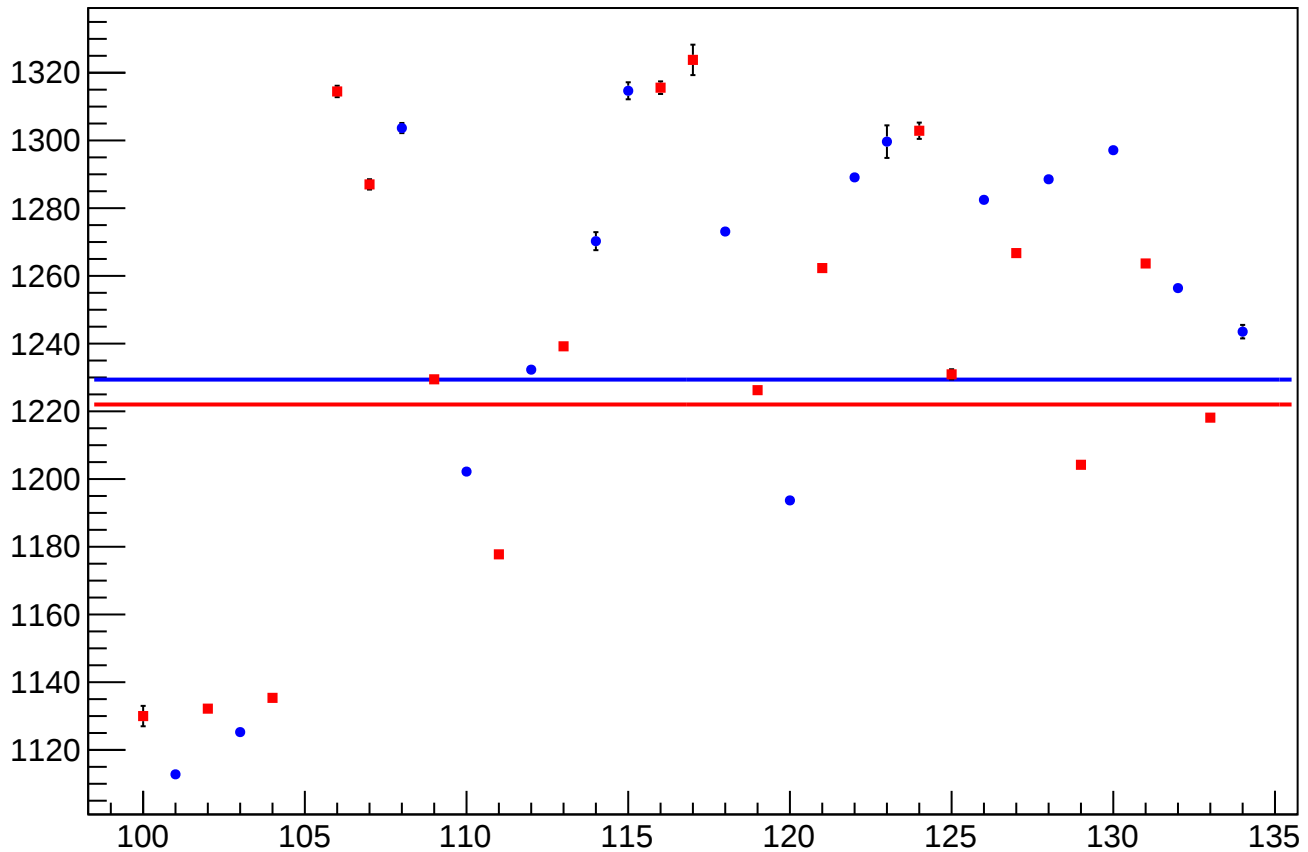
Right Out: 29.450 $\pm$ 0.479 χ^2 /NDF: 3506.6/17

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

-16.834 $\pm$ 0.507 χ^2 /NDF: 3283.8/15

29.450 $\pm$ 0.479 χ^2 /NDF: 3506.6/17

diff_bpm0i02Y_rms vs Slug



Right In: 1229.371 $\pm$ 0.358 χ^2 /NDF: 37270.7/15

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

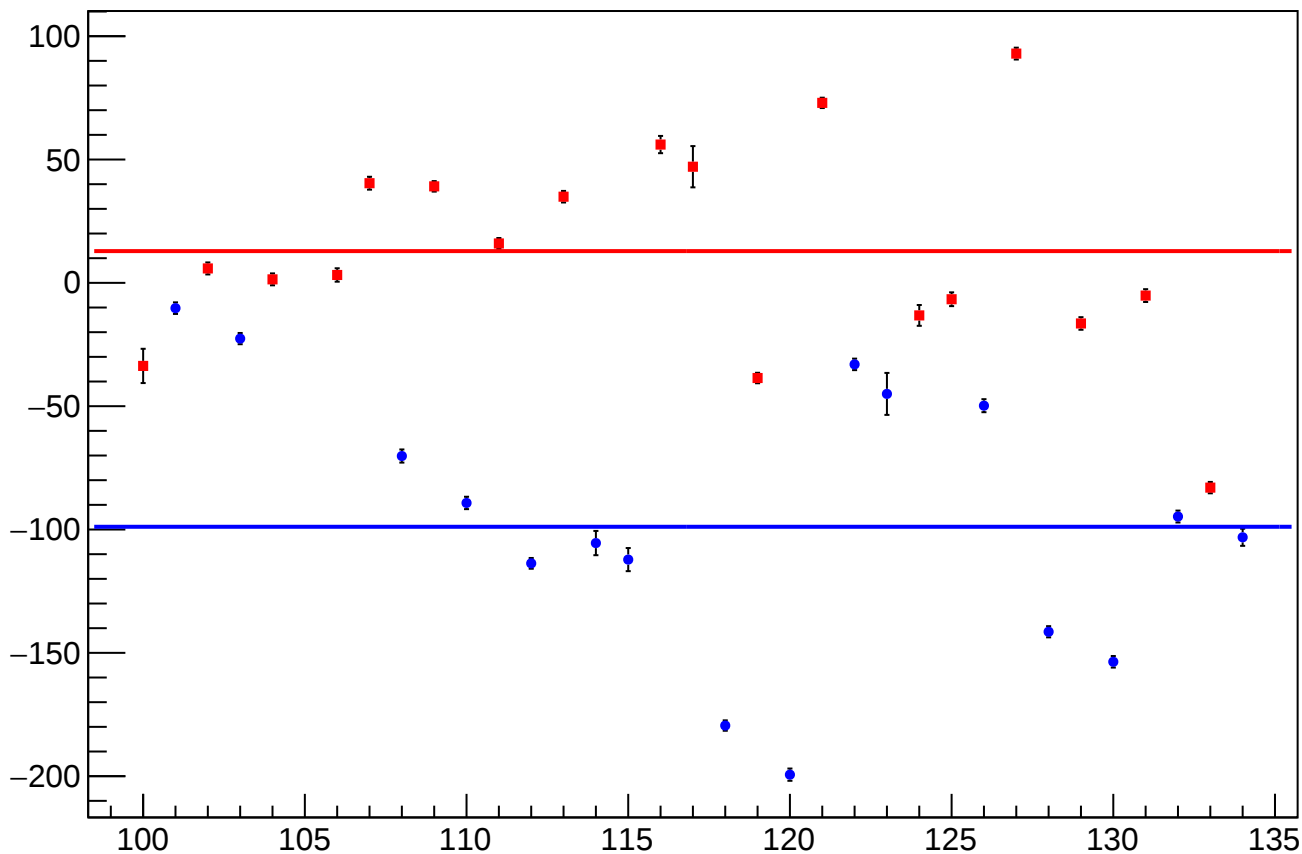
Right Out: 1222.019 $\pm$ 0.339 χ^2 /NDF: 26941.9/17

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

1229.371 $\pm$ 0.358 χ^2 /NDF: 37270.7/15

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

diff_bpm0i02aX_mean vs Slug



Right In: -98.886 $\pm$ 0.655 χ^2 /NDF: 7914.2/15

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

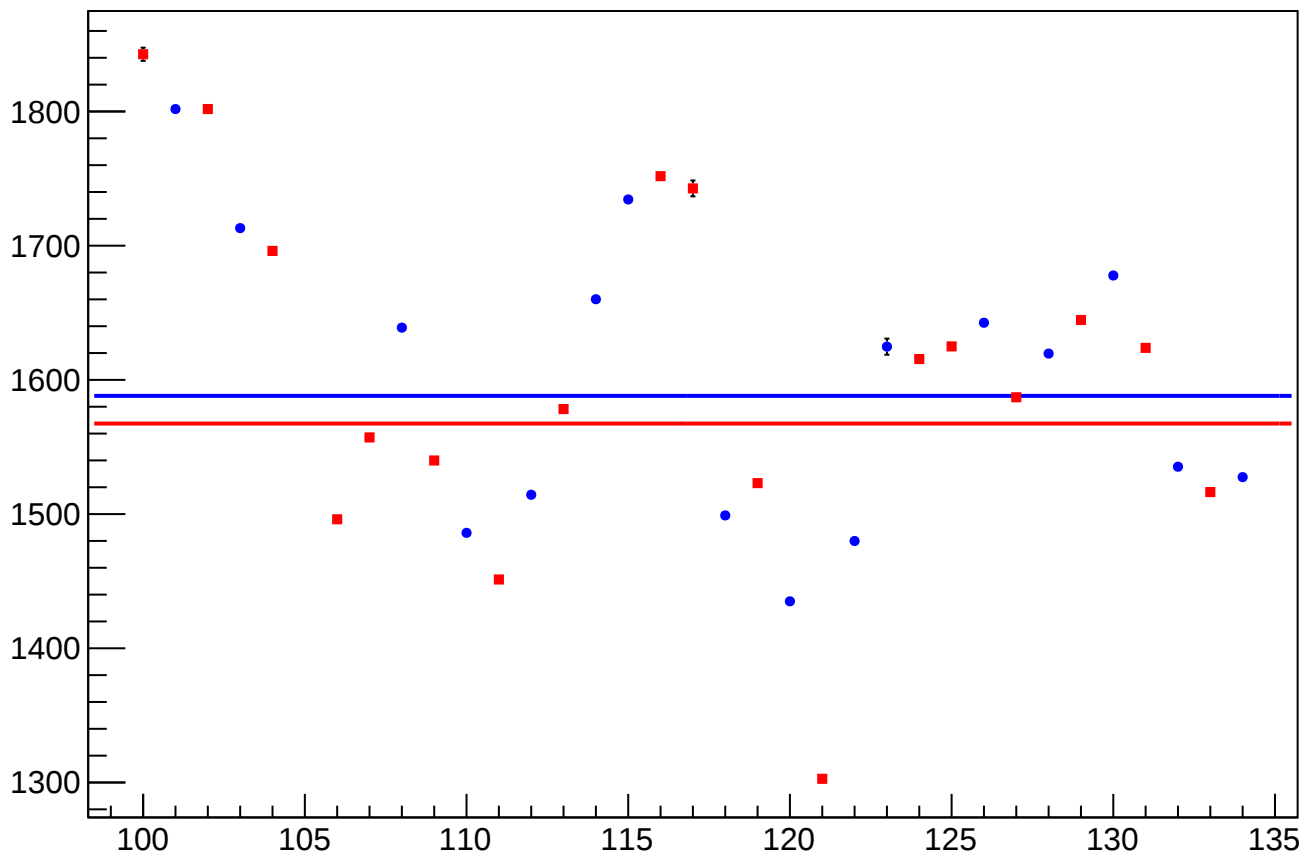
Right Out: 12.873 $\pm$ 0.615 χ^2 /NDF: 5121.7/17

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

-98.886 $\pm$ 0.655 χ^2 /NDF: 7914.2/15

12.873 $\pm$ 0.615 χ^2 /NDF: 5121.7/17

diff_bpm0i02aX_rms vs Slug



Right In: 1588.086+/-0.463 χ^2/NDF : 52520.1/15

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

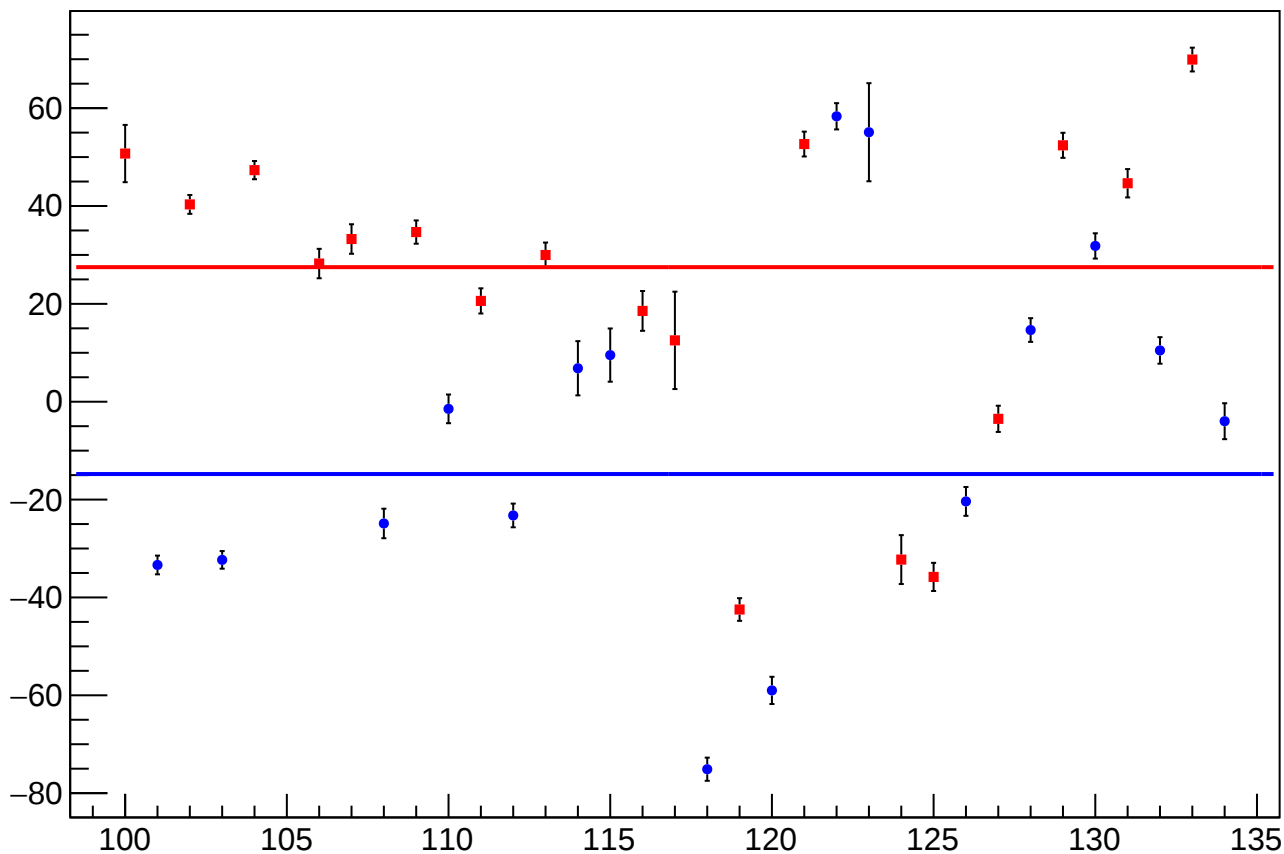
Right Out: 1567.470+/-0.435 χ^2/NDF : 78701.4/17

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

1588.086+/-0.463 χ^2/NDF : 52520.1/15

1567.470+/-0.435 χ^2/NDF : 78701.4/17

diff_bpm0i02aY_mean vs Slug



Right In: -14.781 ± 0.683 χ^2/NDF : 2533.8/15

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

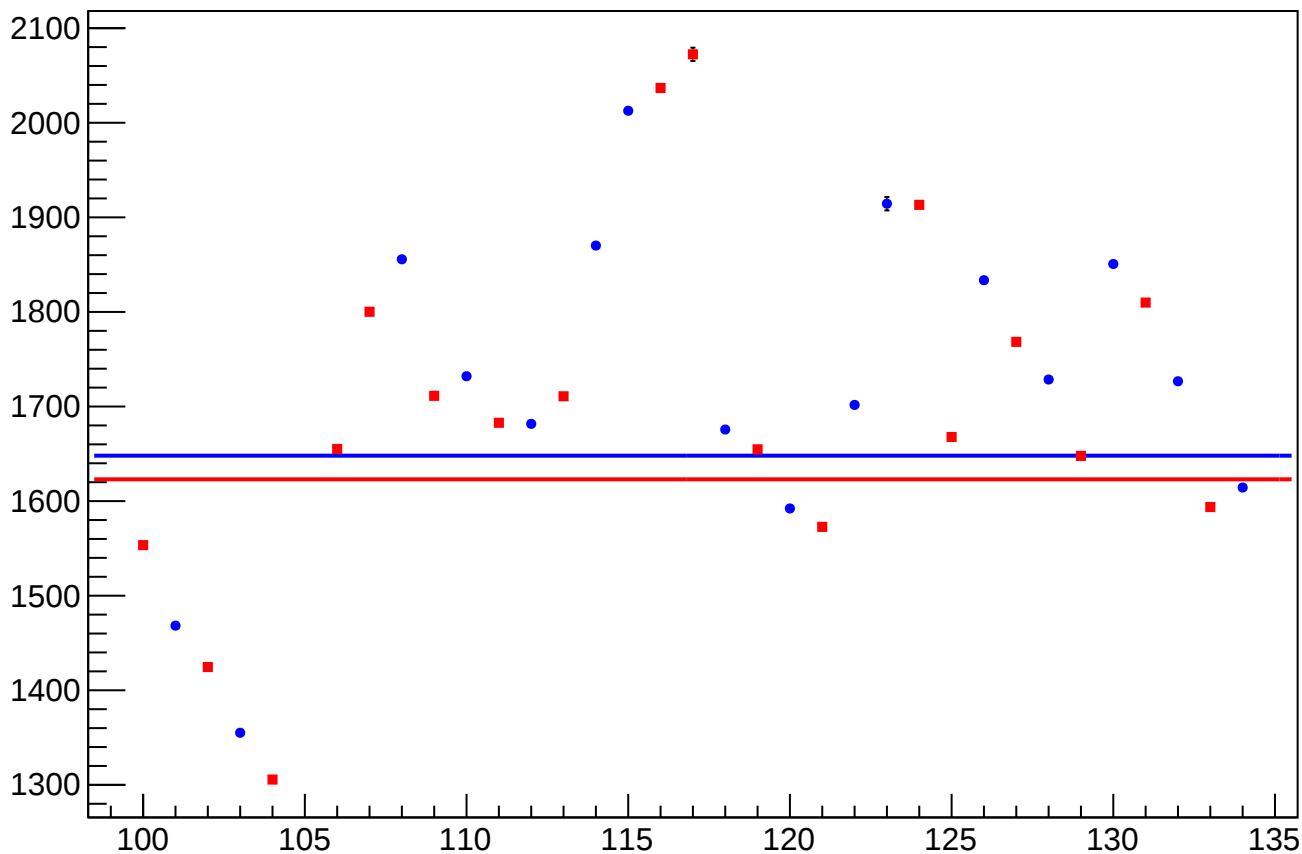
Right Out: 27.503 ± 0.640 χ^2/NDF : 2409.2/17

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

-14.781 ± 0.683 χ^2/NDF : 2533.8/15

27.503 ± 0.640 χ^2/NDF : 2409.2/17

diff_bpm0i02aY_rms vs Slug



Right In: 1648.043 $\pm$ 0.483 χ^2 /NDF: 121792.0/15

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

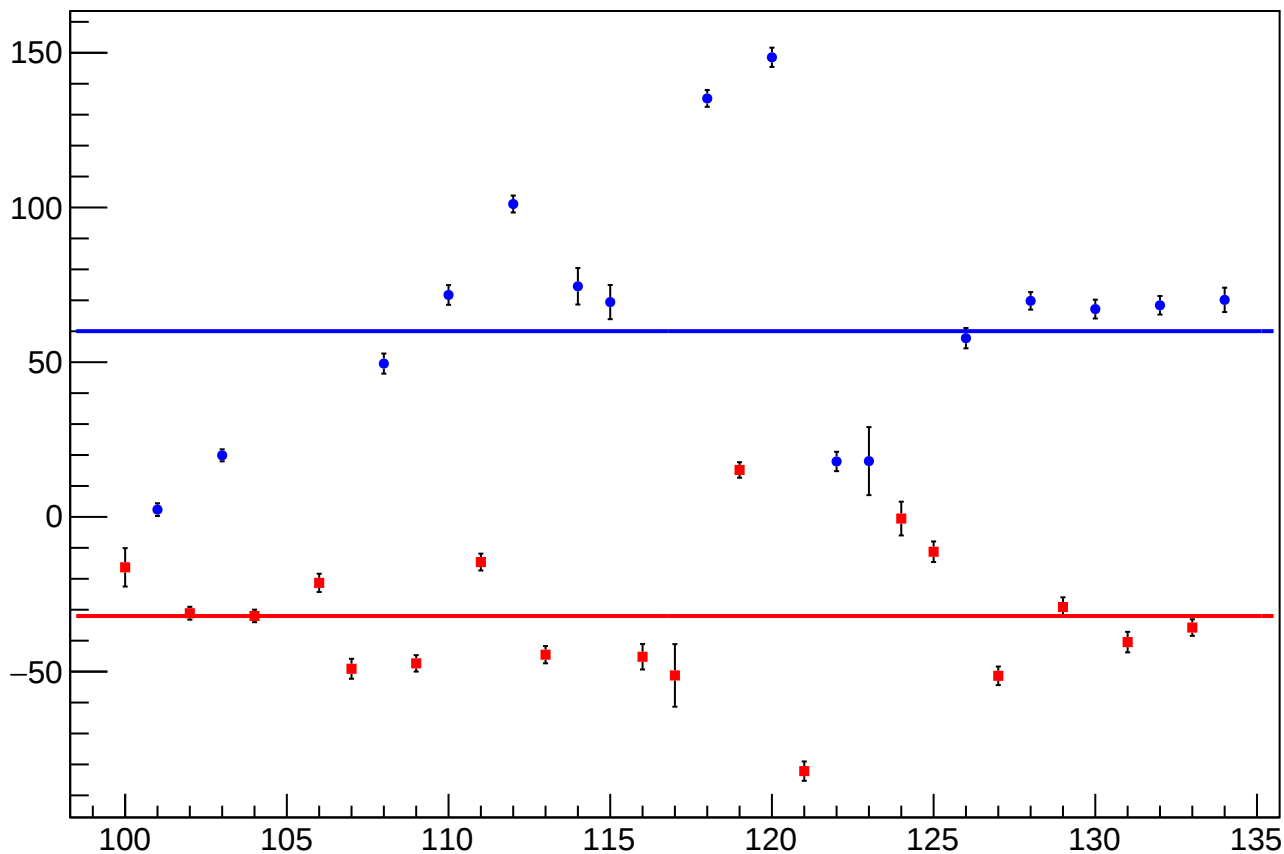
Right Out: 1623.043 $\pm$ 0.452 χ^2 /NDF: 140873.9/17

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

1648.043 $\pm$ 0.483 χ^2 /NDF: 121792.0/15

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

diff_bpm0i05X_mean vs Slug



Right In: 60.037+/-0.758 χ^2/NDF : 3282.9/15

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

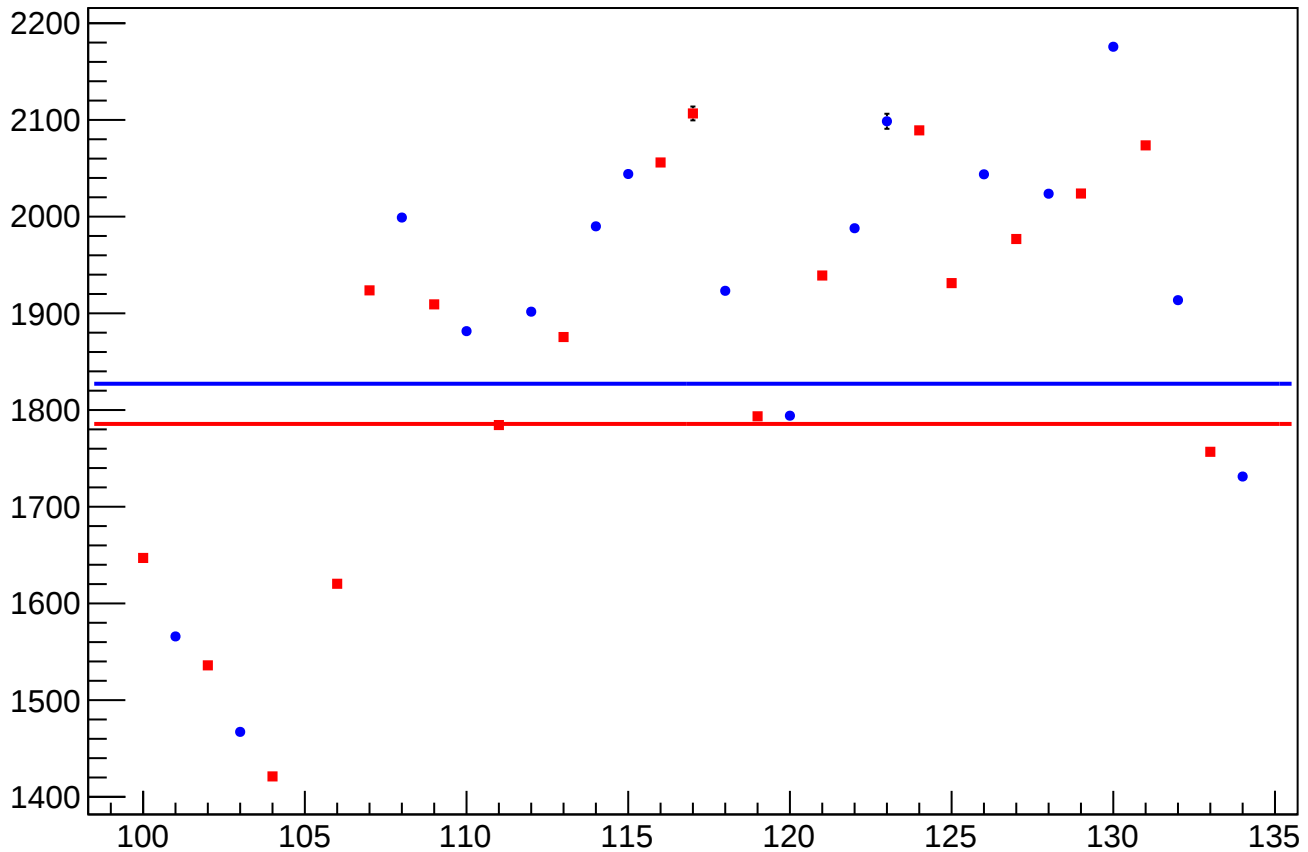
Right Out: -32.030+/-0.704 χ^2/NDF : 891.4/17

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

60.037+/-0.758 χ^2/NDF : 3282.9/15

-32.030+/-0.704 χ^2/NDF : 891.4/17

diff_bpm0i05X_rms vs Slug



Right In: 1827.185 $\pm$ 0.536 χ^2 /NDF: 169819.2/15

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

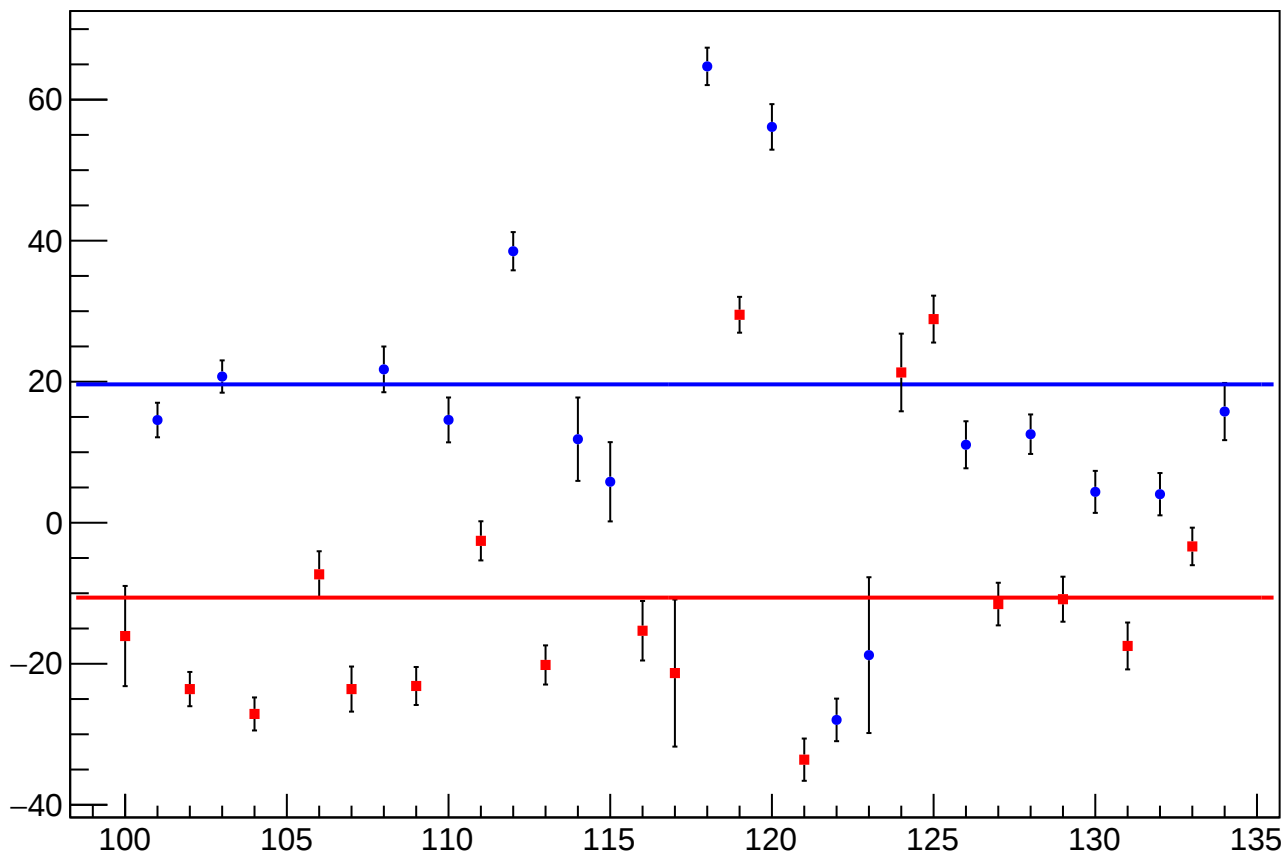
1827.185 $\pm$ 0.536 χ^2 /NDF: 169819.2/15

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: 19.622 $\pm$ 0.789 χ^2 /NDF: 808.2/15

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

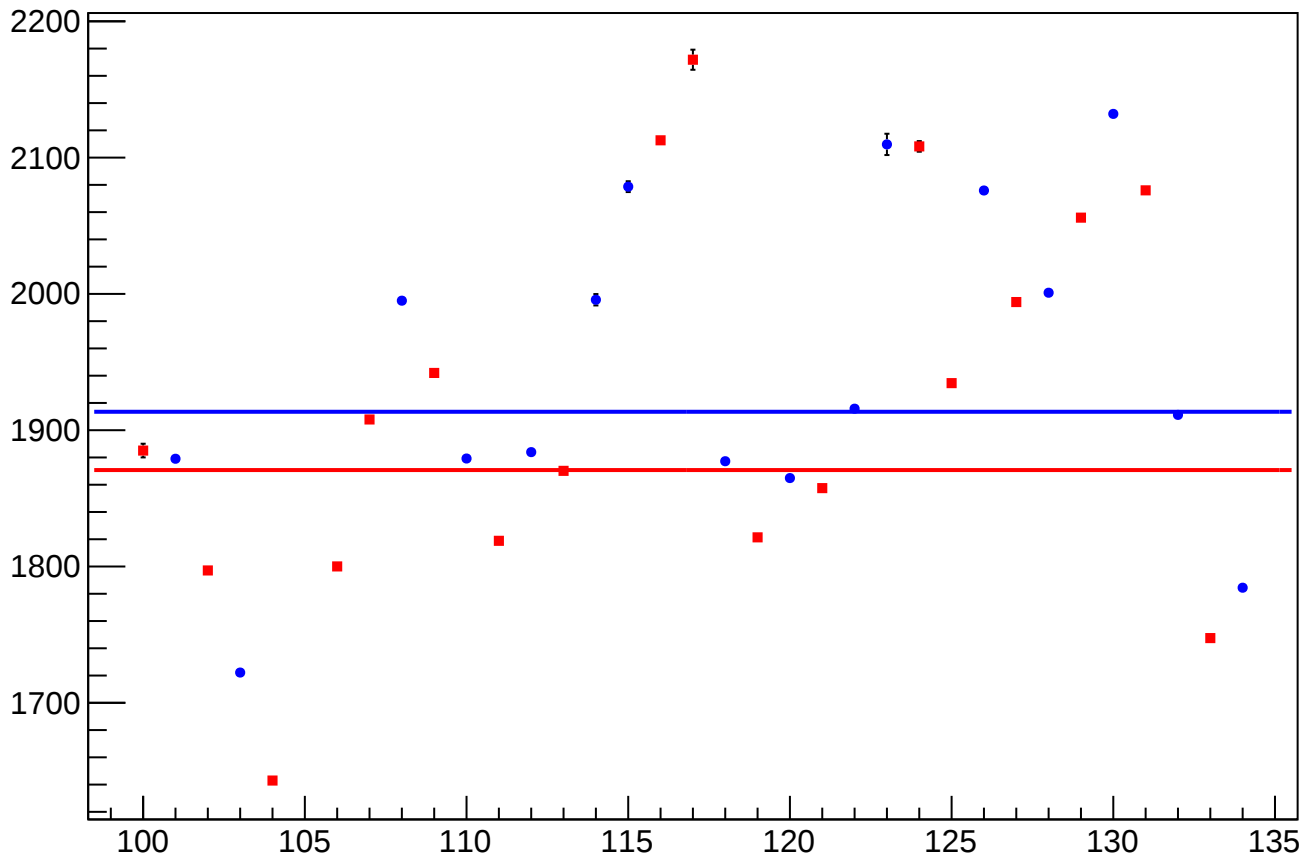
Right Out: -10.617 $\pm$ 0.734 χ^2 /NDF: 634.8/17

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

19.622 $\pm$ 0.789 χ^2 /NDF: 808.2/15

-10.617 $\pm$ 0.734 χ^2 /NDF: 634.8/17

diff_bpm0i05Y_rms vs Slug



Right In: 1913.530 $\pm$ 0.558 χ^2 /NDF: 39142.4/15

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

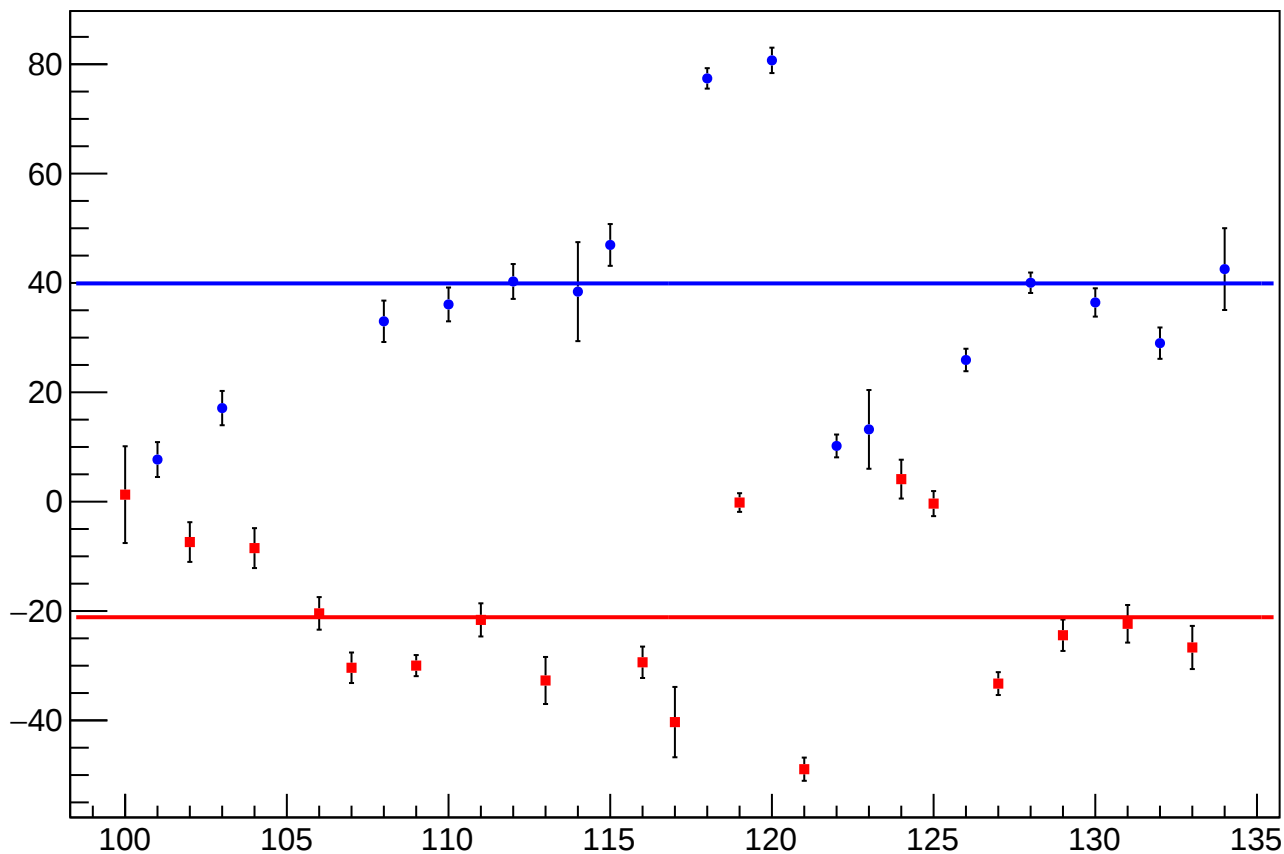
Right Out: 1870.763 $\pm$ 0.519 χ^2 /NDF: 59538.2/17

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

1913.530 $\pm$ 0.558 χ^2 /NDF: 39142.4/15

1870.763 $\pm$ 0.519 χ^2 /NDF: 59538.2/17

diff_bpm0i07X_mean vs Slug



Right In: 39.914+/-0.693 χ^2 /NDF: 1153.2/15

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

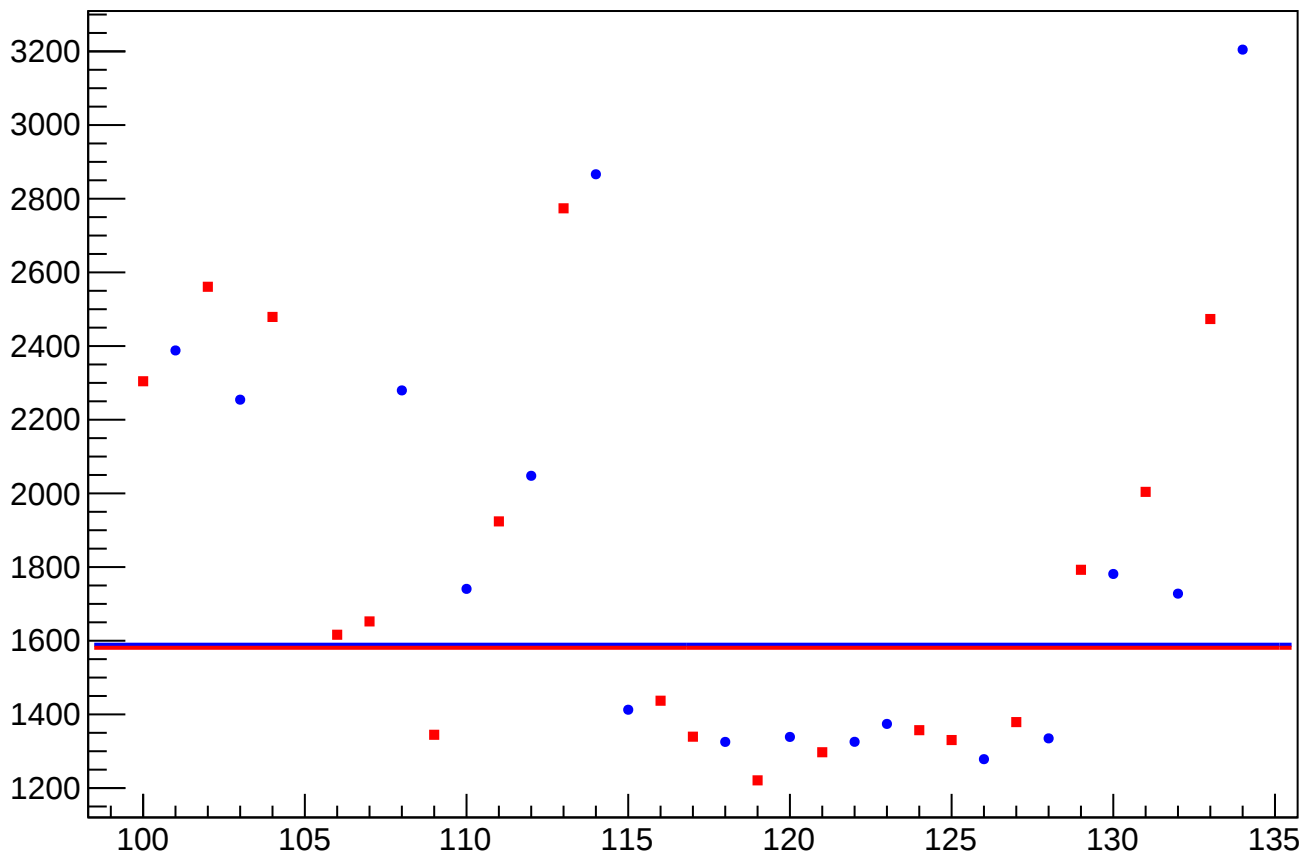
Right Out: -21.136+/-0.657 χ^2 /NDF: 581.4/17

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

39.914+/-0.693 χ^2 /NDF: 1153.2/15

-21.136+/-0.657 χ^2 /NDF: 581.4/17

diff_bpm0i07X_rms vs Slug



Right In: 1589.234 $\pm$ 0.490 χ^2 /NDF: 660369.2/15

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

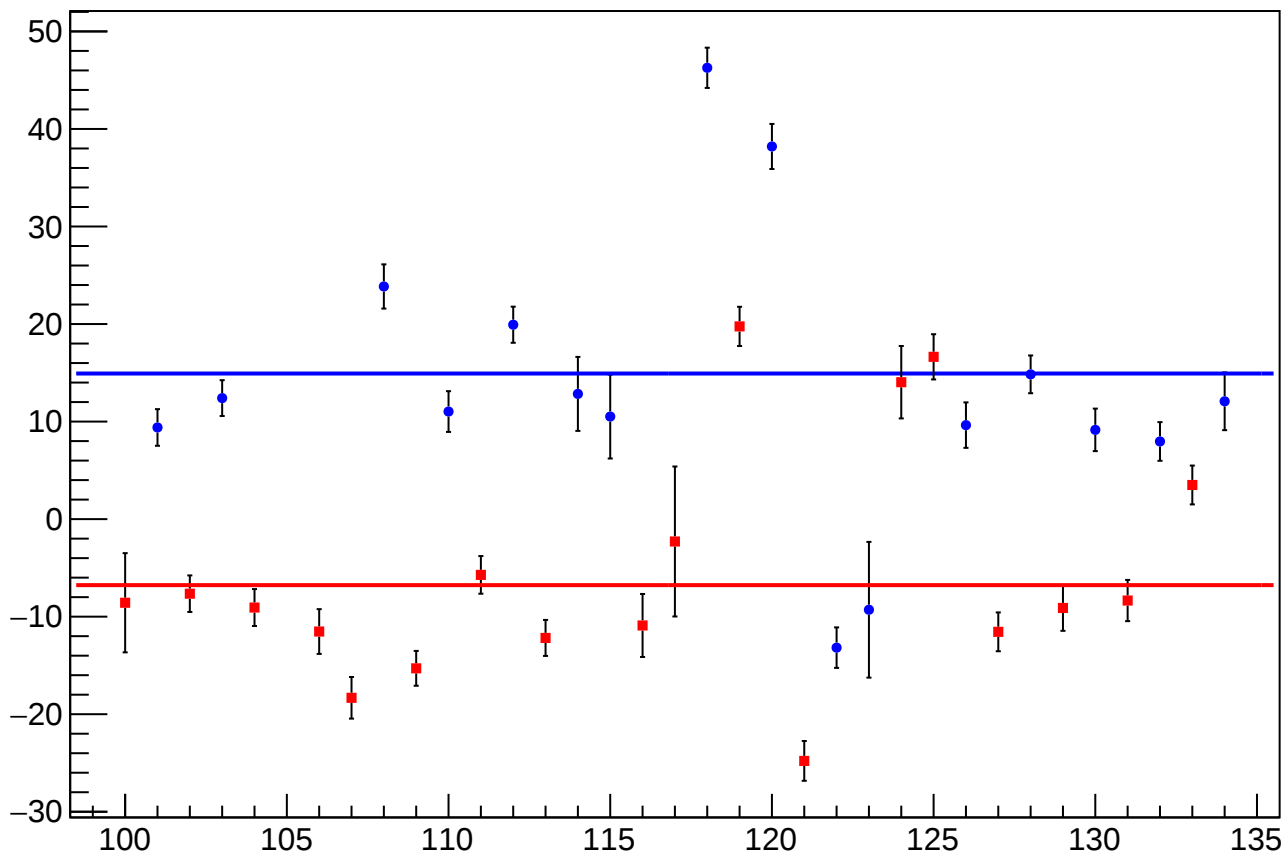
Right Out: 1580.862 $\pm$ 0.465 χ^2 /NDF: 817283.9/17

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

1589.234 $\pm$ 0.490 χ^2 /NDF: 660369.2/15

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

diff_bpm0i07Y_mean vs Slug



Right In: 14.927+/-0.566 χ^2/NDF : 591.3/15

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

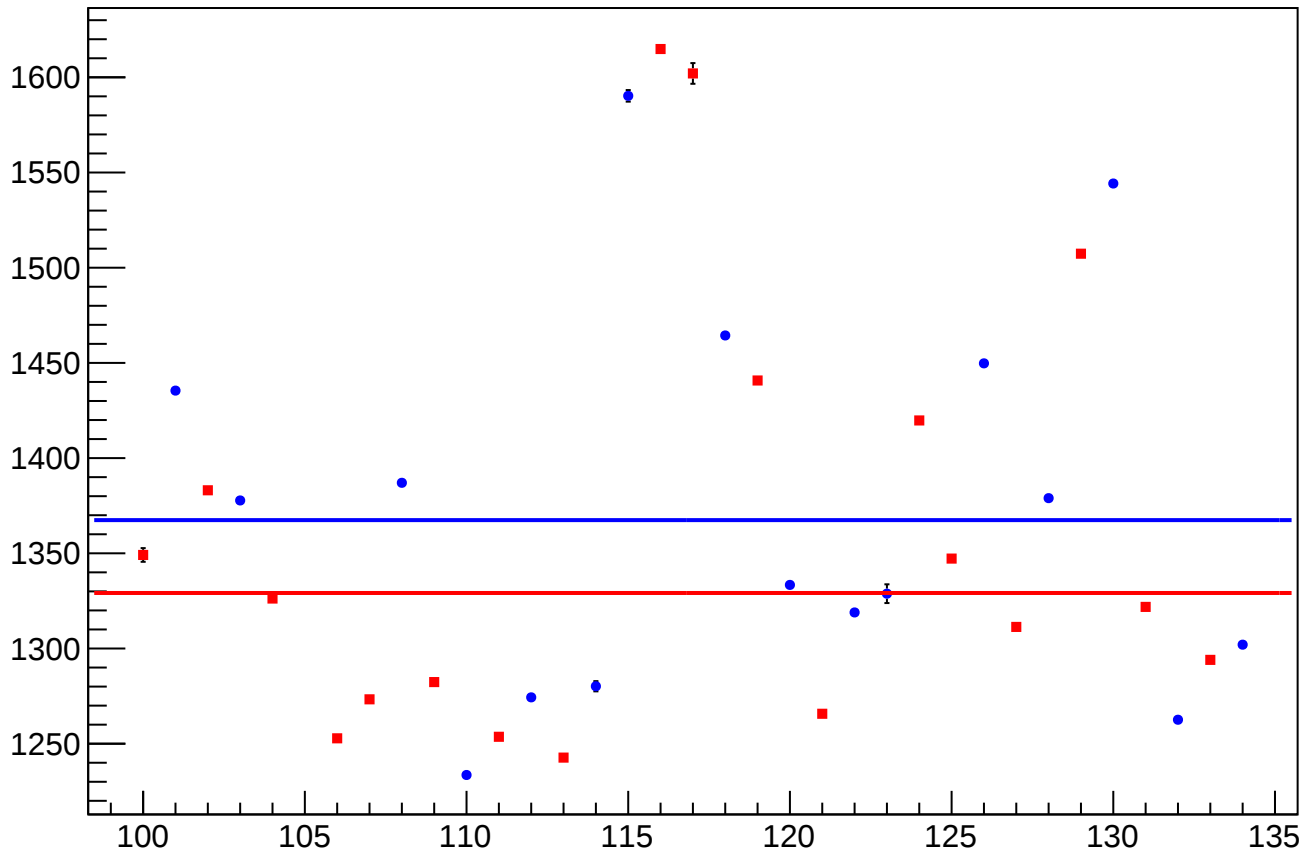
Right Out: -6.767+/-0.523 χ^2/NDF : 488.5/17

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

14.927+/-0.566 χ^2/NDF : 591.3/15

-6.767+/-0.523 χ^2/NDF : 488.5/17

diff_bpm0i07Y_rms vs Slug



Right In: 1367.431 $\pm$ 0.400 χ^2 /NDF: 50835.3/15

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

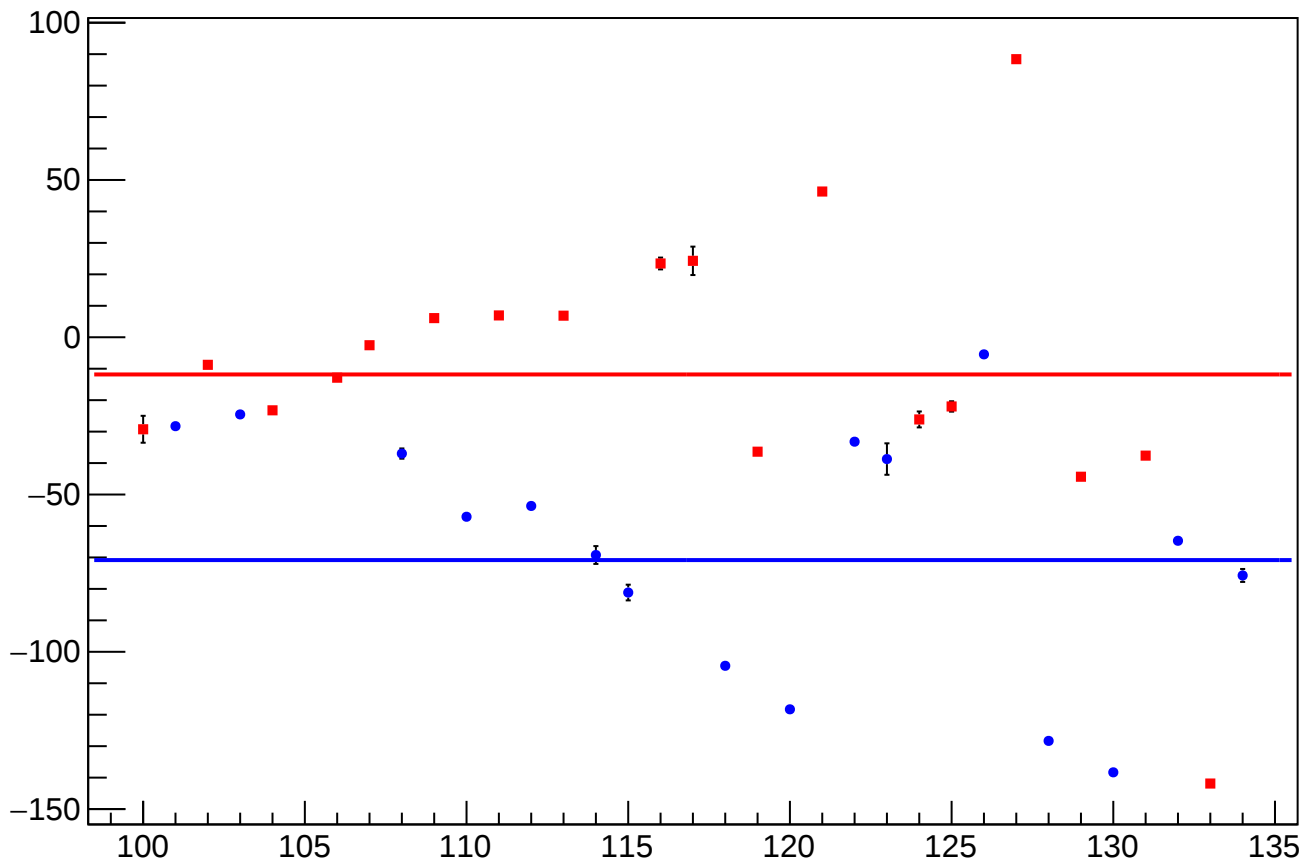
Right Out: 1329.162 $\pm$ 0.370 χ^2 /NDF: 54032.2/17

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

1367.431 $\pm$ 0.400 χ^2 /NDF: 50835.3/15

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

diff_bpm1i02X_mean vs Slug



Right In: -70.841+/-0.388 χ^2/NDF : 11499.7/15

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

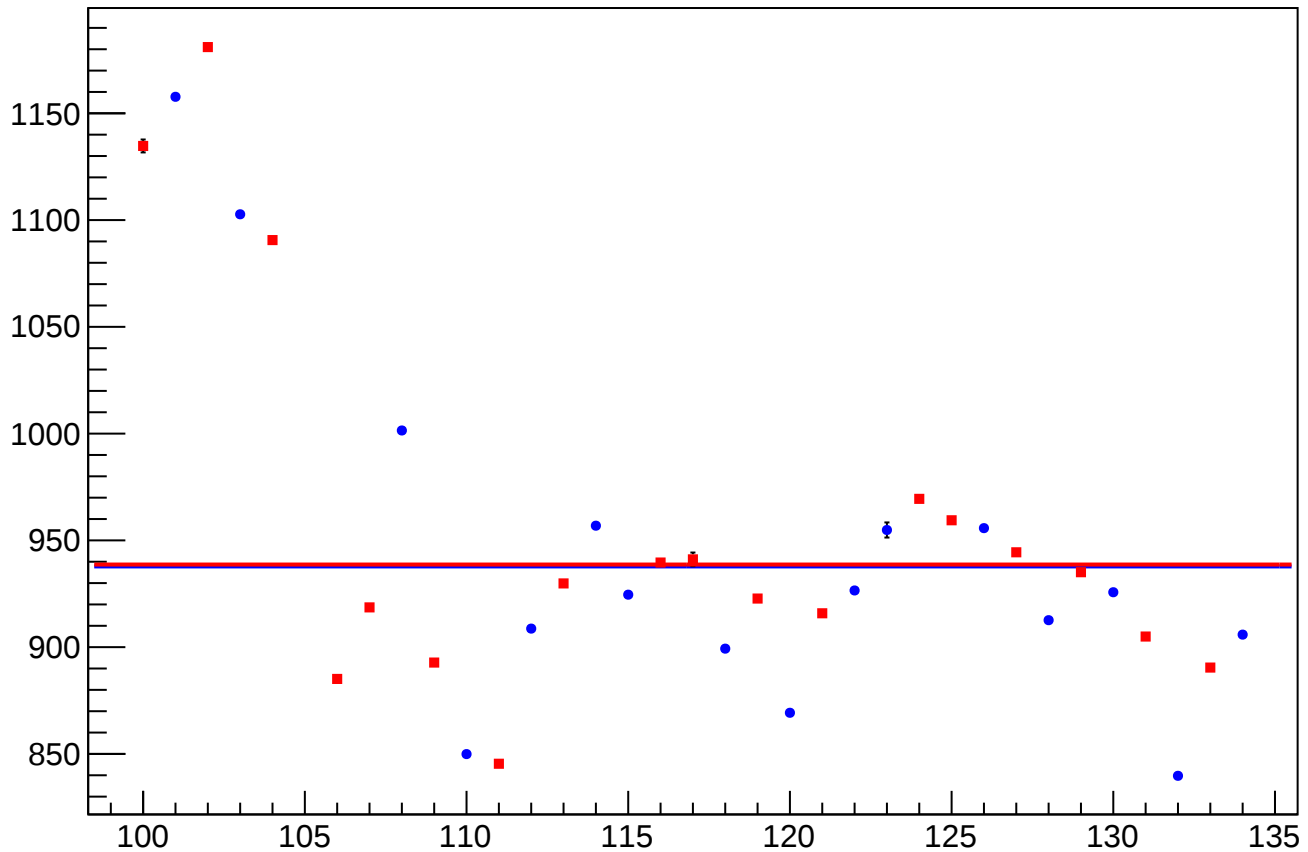
Right Out: -11.826+/-0.369 χ^2/NDF : 18067.8/17

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

-70.841+/-0.388 χ^2/NDF : 11499.7/15

-11.826+/-0.369 χ^2/NDF : 18067.8/17

diff_bpm1i02X_rms vs Slug



Right In: 937.799 $\pm$ 0.274 χ^2 /NDF: 98295.0/15

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

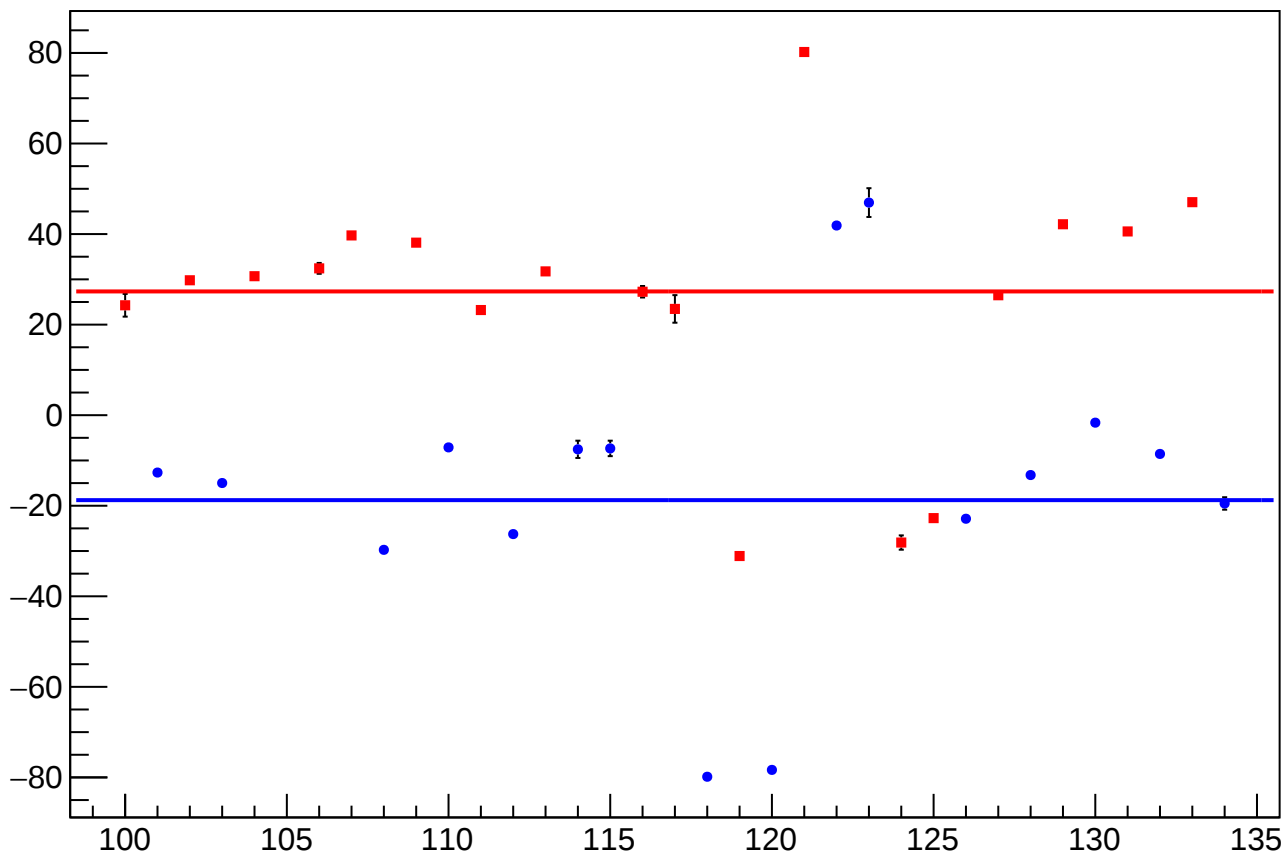
Right Out: 938.689 $\pm$ 0.261 χ^2 /NDF: 90200.0/17

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

937.799 $\pm$ 0.274 χ^2 /NDF: 98295.0/15

938.689 $\pm$ 0.261 χ^2 /NDF: 90200.0/17

diff_bpm1i02Y_mean vs Slug



Right In: -18.763+/-0.261 χ^2 /NDF: 13005.5/15

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

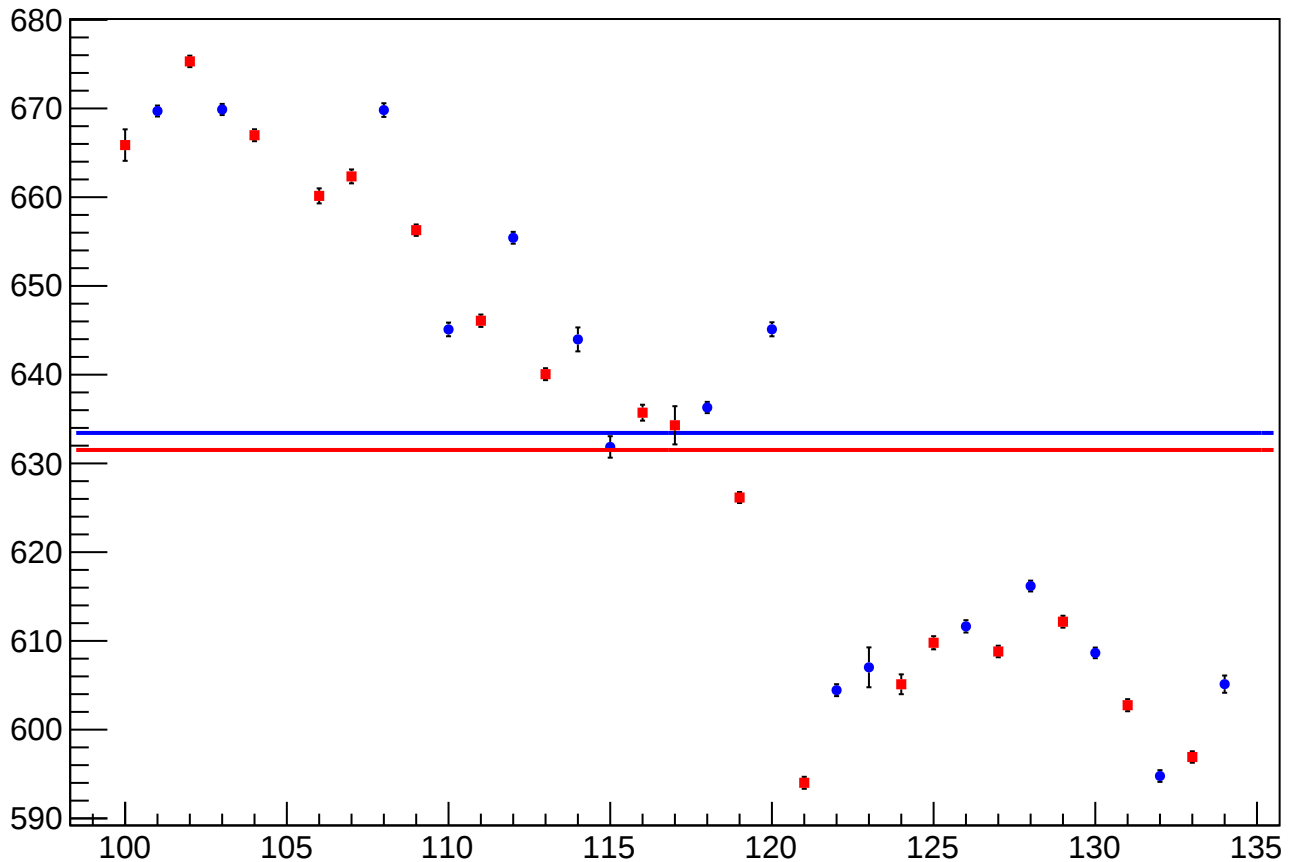
Right Out: 27.331+/-0.247 χ^2 /NDF: 12304.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-18.763+/-0.261 χ^2 /NDF: 13005.5/15

27.331+/-0.247 χ^2 /NDF: 12304.1/17

diff_bpm1i02Y_rms vs Slug



Right In: 633.435+/-0.184 χ^2/NDF : 20430.0/15

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

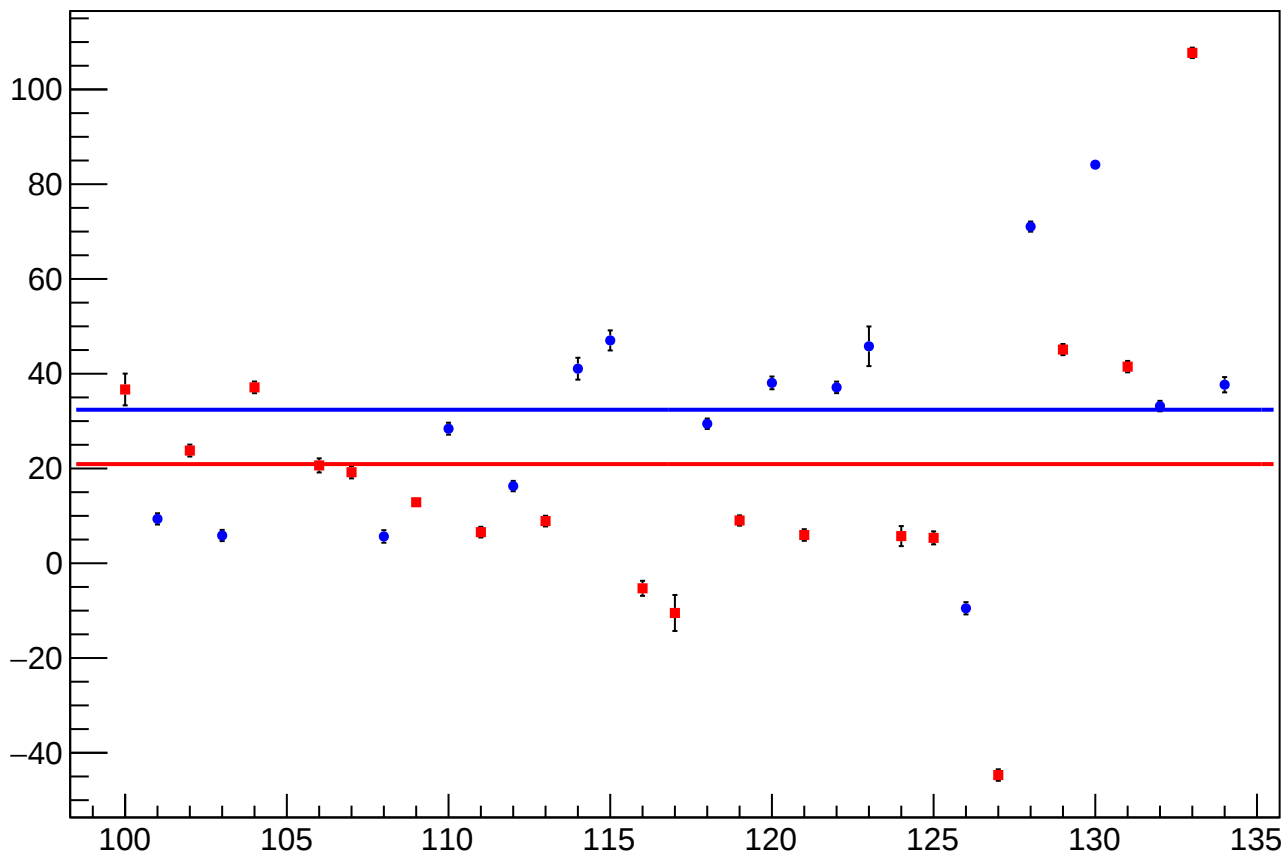
Right Out: 631.515+/-0.175 χ^2/NDF : 23857.0/17

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

633.435+/-0.184 χ^2/NDF : 20430.0/15

631.515+/-0.175 χ^2/NDF : 23857.0/17

diff_bpm1i04X_mean vs Slug



Right In: 32.401+/-0.324 χ^2 /NDF: 6361.1/15

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

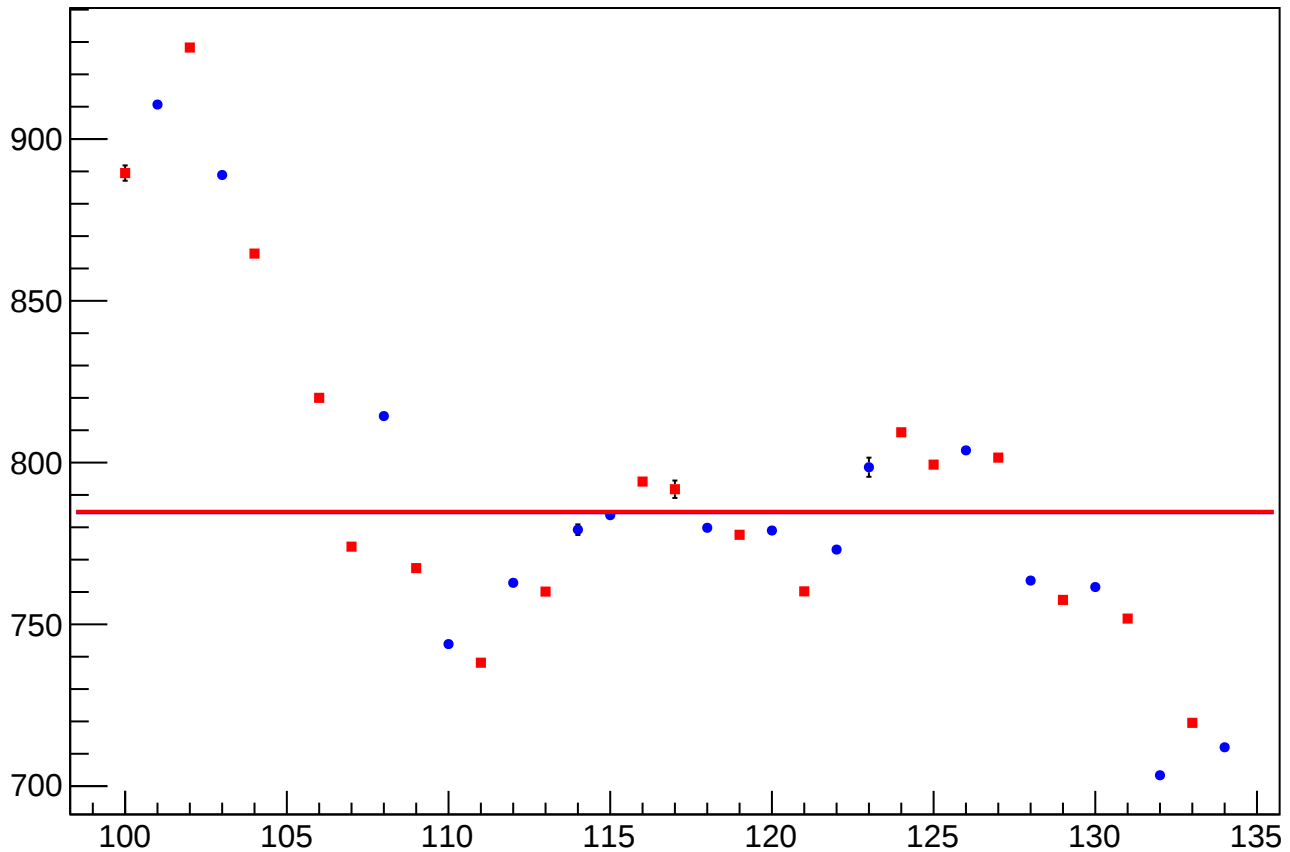
Right Out: 20.928+/-0.308 χ^2 /NDF: 11249.8/17

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

32.401+/-0.324 χ^2 /NDF: 6361.1/15

20.928+/-0.308 χ^2 /NDF: 11249.8/17

diff_bpm1i04X_rms vs Slug



Right In: 784.634 $\pm$ 0.229 χ^2 /NDF: 59301.3/15

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

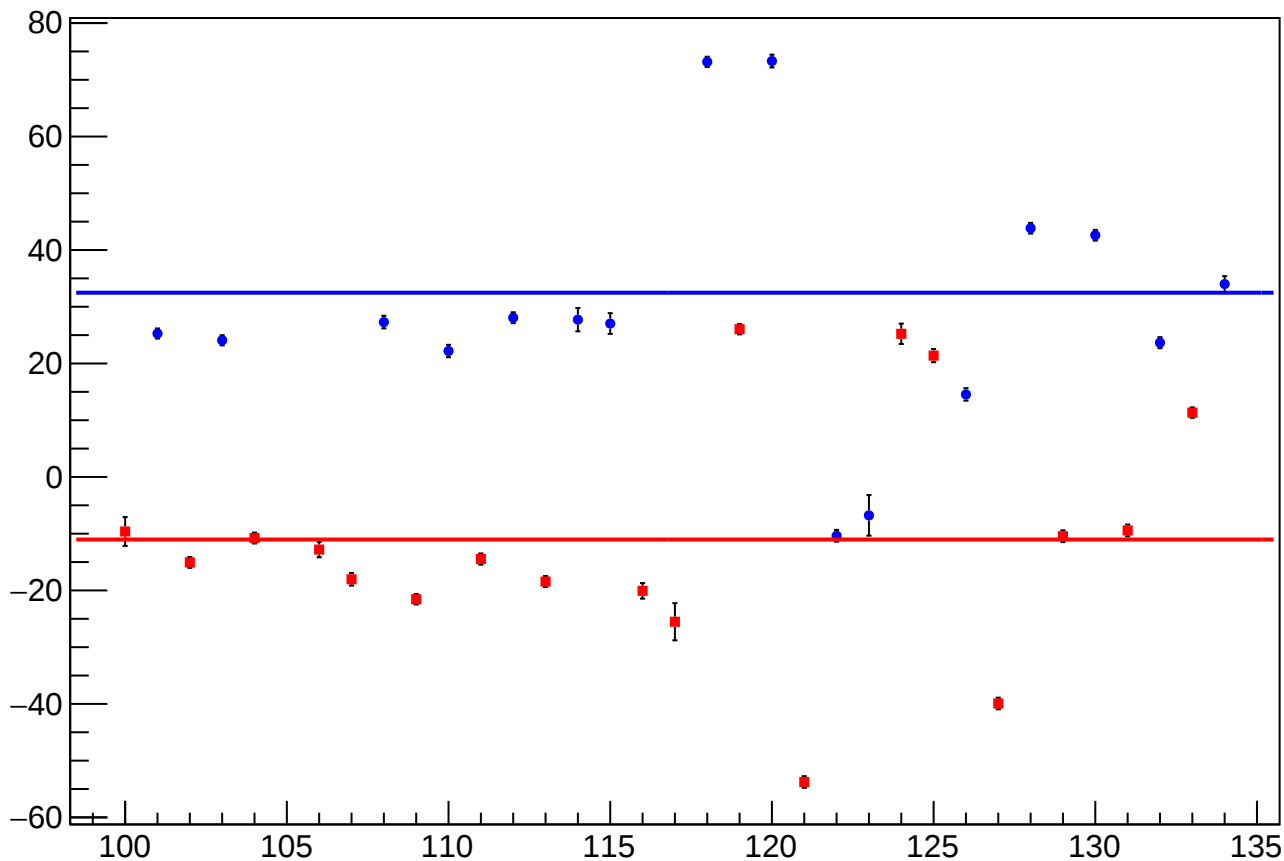
Right Out: 784.805 $\pm$ 0.218 χ^2 /NDF: 54151.8/17

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

784.634 $\pm$ 0.229 χ^2 /NDF: 59301.3/15

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

diff_bpm1i04Y_mean vs Slug



Right In: 32.475+/-0.273 χ^2/NDF : 6072.4/15

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

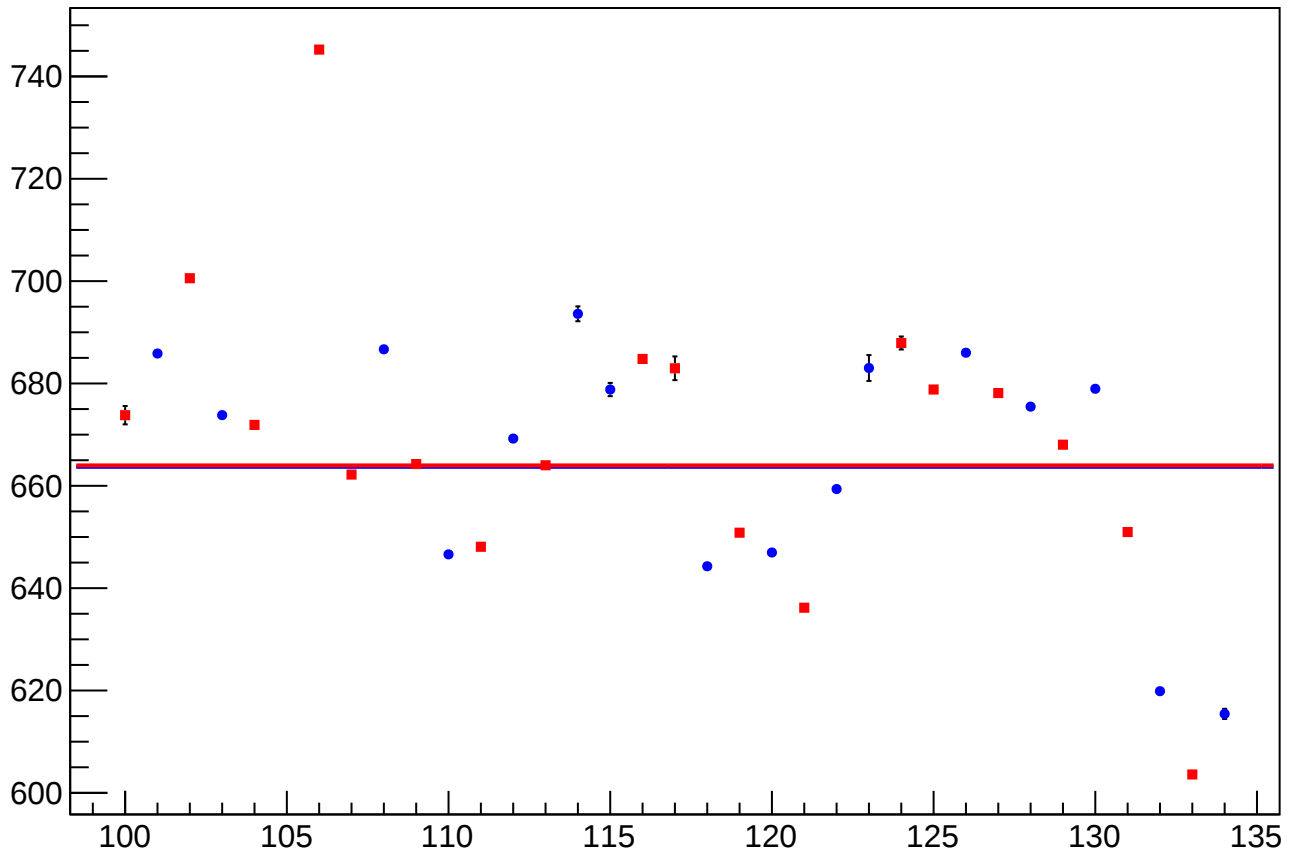
Right Out: -11.025+/-0.260 χ^2/NDF : 6298.6/17

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

32.475+/-0.273 χ^2/NDF : 6072.4/15

-11.025+/-0.260 χ^2/NDF : 6298.6/17

diff_bpm1i04Y_rms vs Slug



Right In: 663.710 $\pm$ 0.193 χ^2 /NDF: 12992.8/15

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

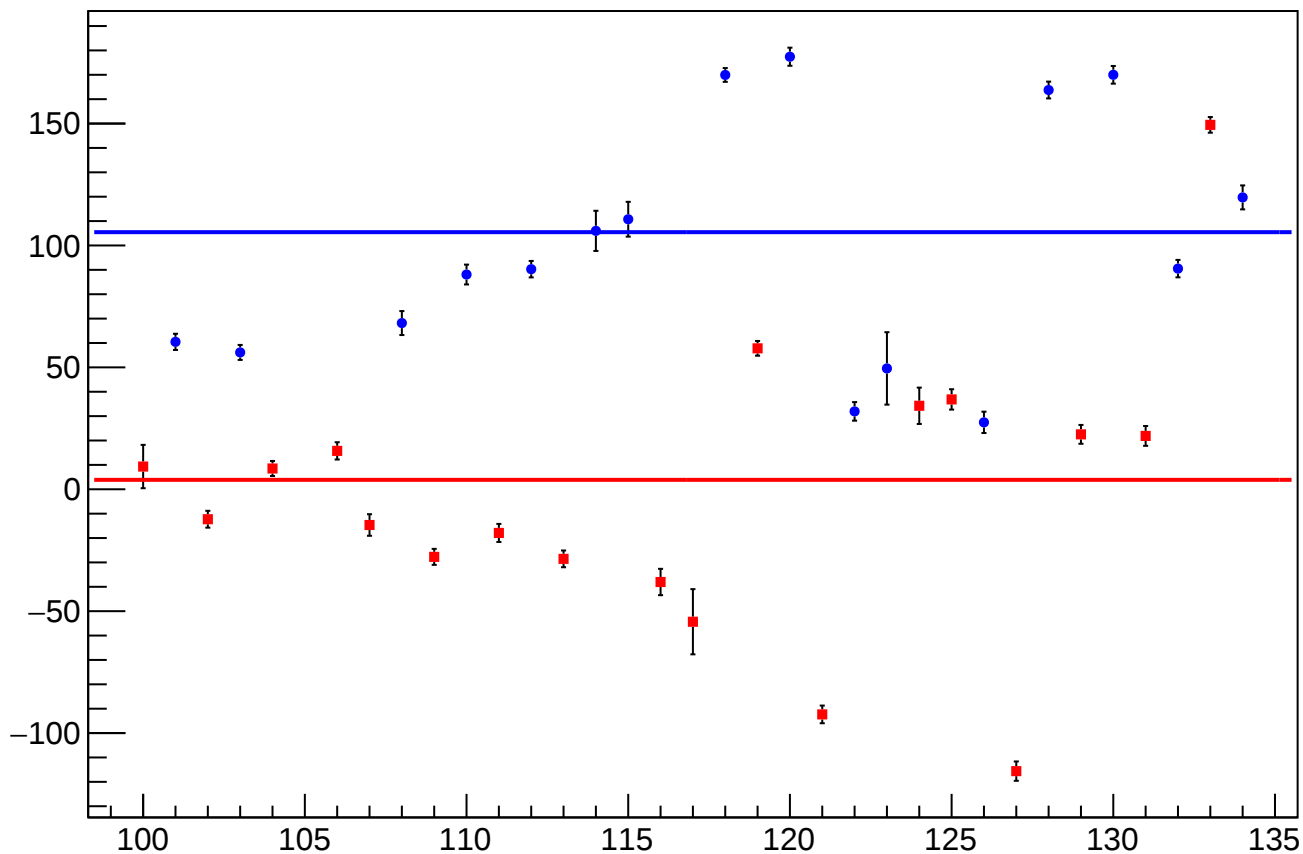
Right Out: 663.987 $\pm$ 0.184 χ^2 /NDF: 23301.3/17

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

663.710 $\pm$ 0.193 χ^2 /NDF: 12992.8/15

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

diff_bpm1i06X_mean vs Slug



Right In: 105.455 $\pm$ 0.989 χ^2 /NDF: 2764.2/15

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

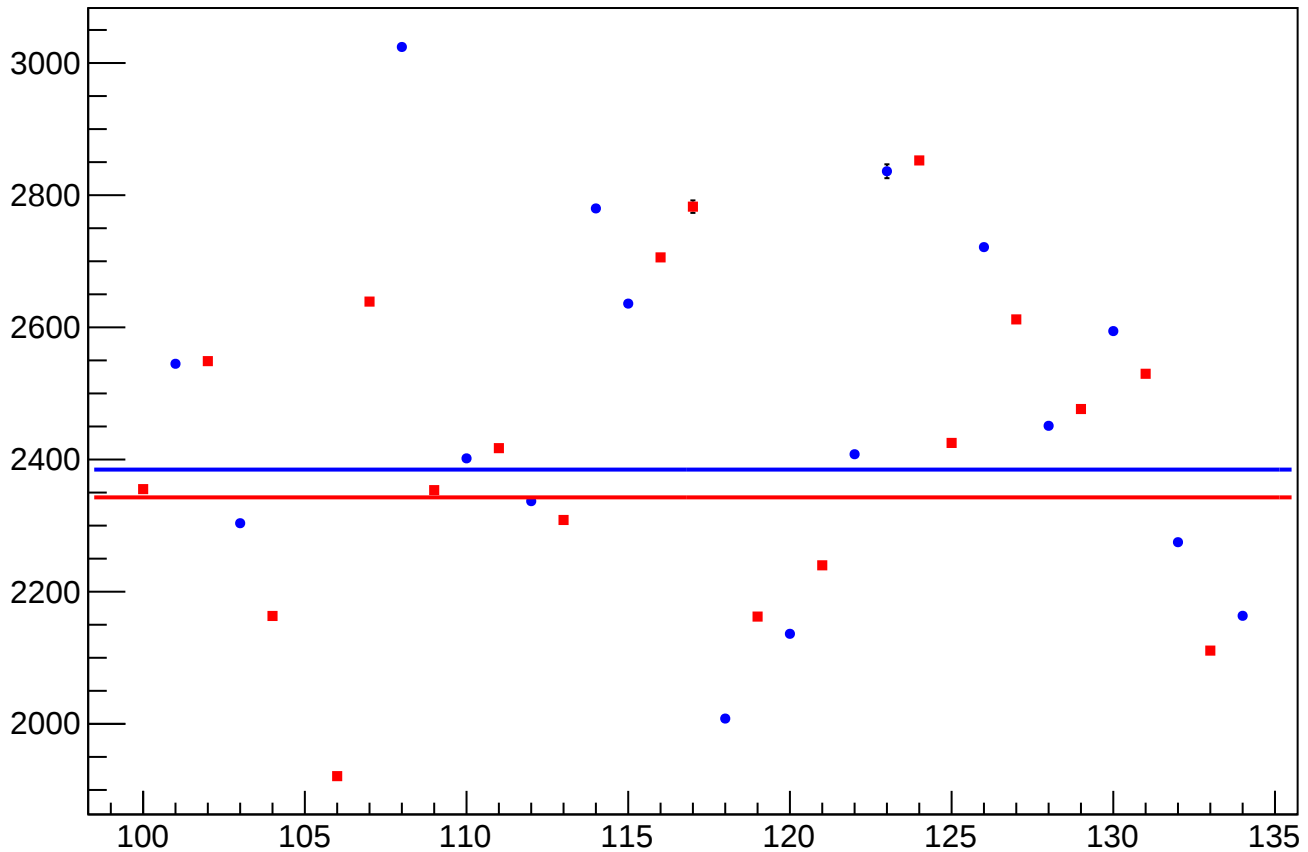
Right Out: 3.868 $\pm$ 0.924 χ^2 /NDF: 4453.4/17

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

105.455 $\pm$ 0.989 χ^2 /NDF: 2764.2/15

3.868 $\pm$ 0.924 χ^2 /NDF: 4453.4/17

diff_bpm1i06X_rms vs Slug



Right In: 2384.772 $\pm$ 0.699 χ^2 /NDF: 118807.1/15

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

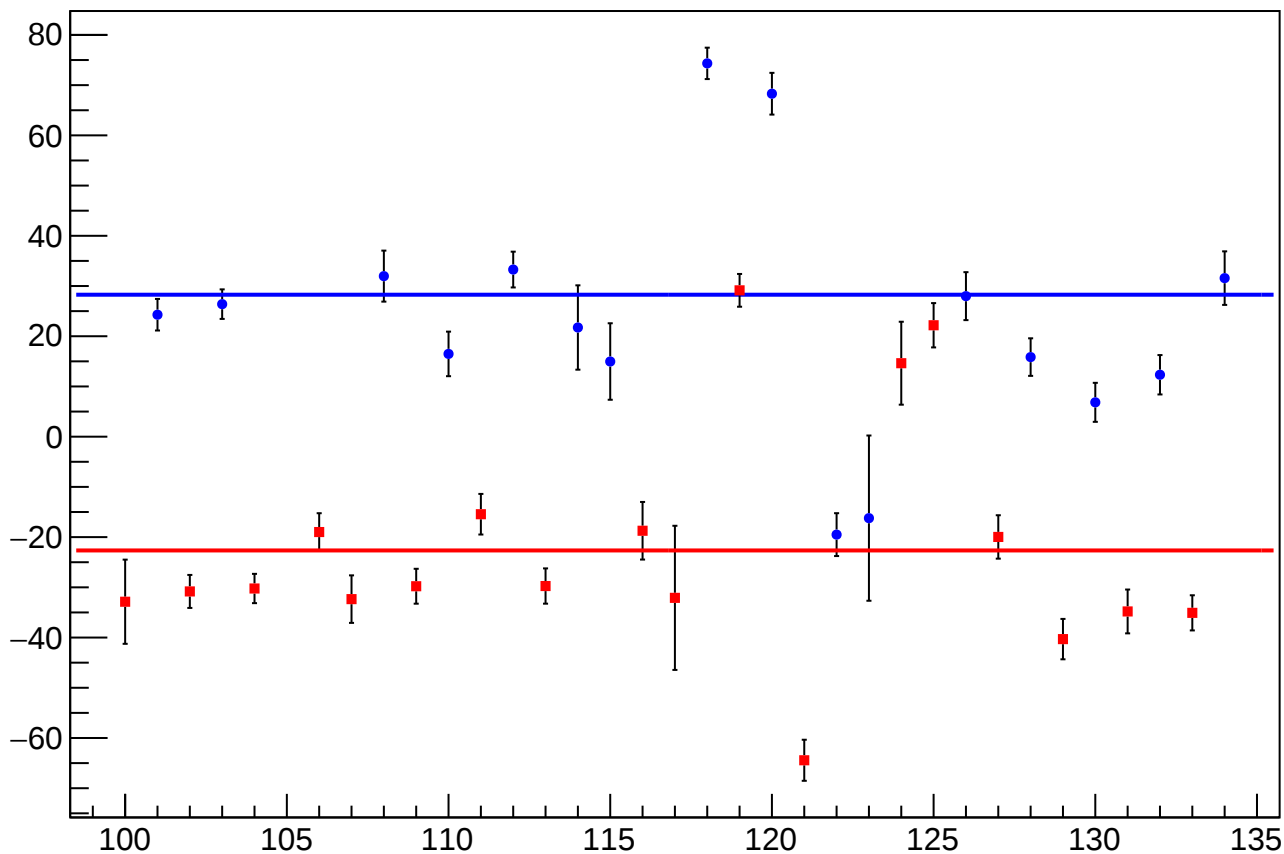
Right Out: 2342.731 $\pm$ 0.653 χ^2 /NDF: 108482.3/17

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

2384.772 $\pm$ 0.699 χ^2 /NDF: 118807.1/15

2342.731 $\pm$ 0.653 χ^2 /NDF: 108482.3/17

diff_bpm1i06Y_mean vs Slug



Right In: 28.268+/-1.044 χ^2/NDF : 516.1/15

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

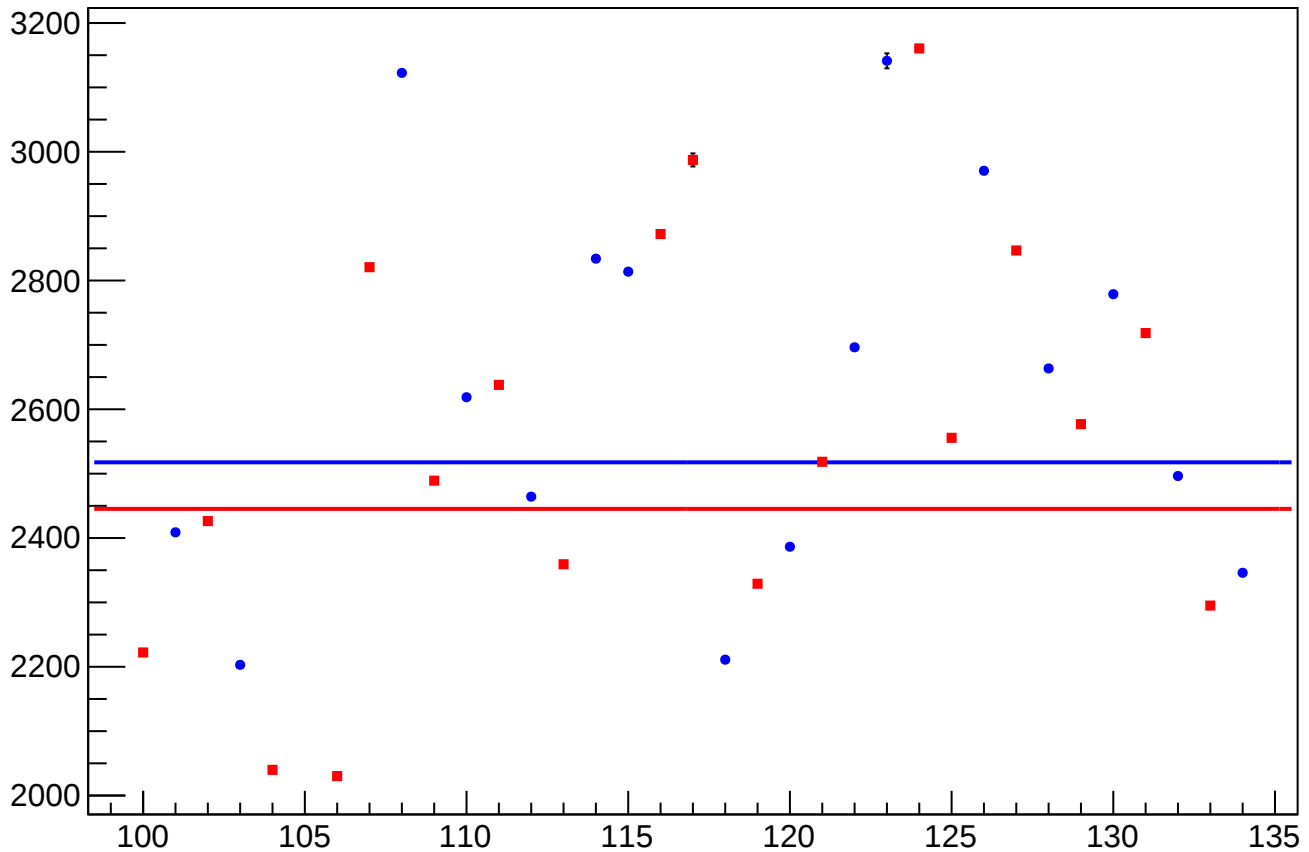
Right Out: -22.655+/-0.967 χ^2/NDF : 552.0/17

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

28.268+/-1.044 χ^2/NDF : 516.1/15

-22.655+/-0.967 χ^2/NDF : 552.0/17

diff_bpm1i06Y_rms vs Slug



Right In: 2517.581 $\pm$ 0.738 χ^2 /NDF: 120787.1/15

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

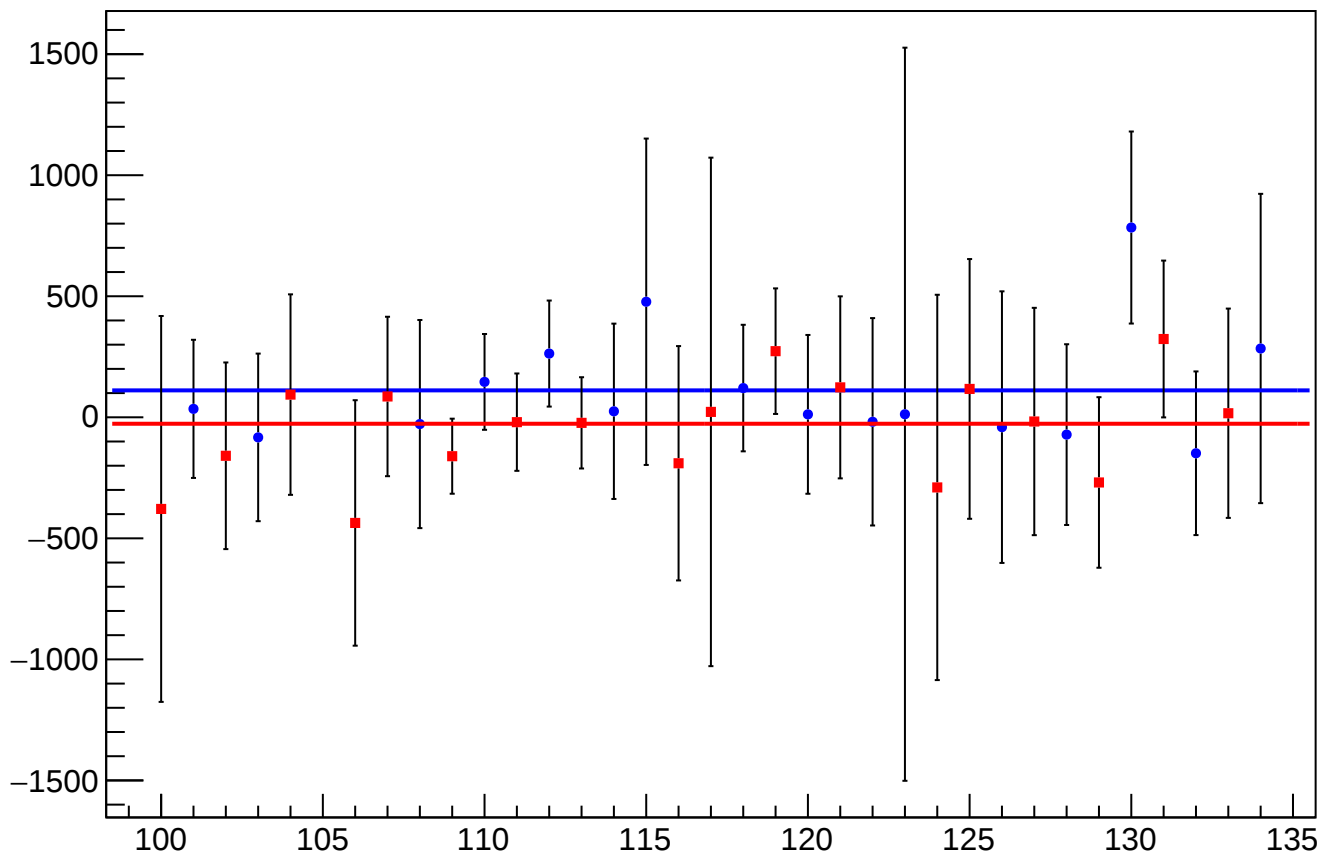
Right Out: 2445.306 $\pm$ 0.684 χ^2 /NDF: 147561.6/17

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

2517.581 $\pm$ 0.738 χ^2 /NDF: 120787.1/15

2445.306 $\pm$ 0.684 χ^2 /NDF: 147561.6/17

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 111.194 $\pm$ 84.517 χ^2 /NDF: 5.4/15

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

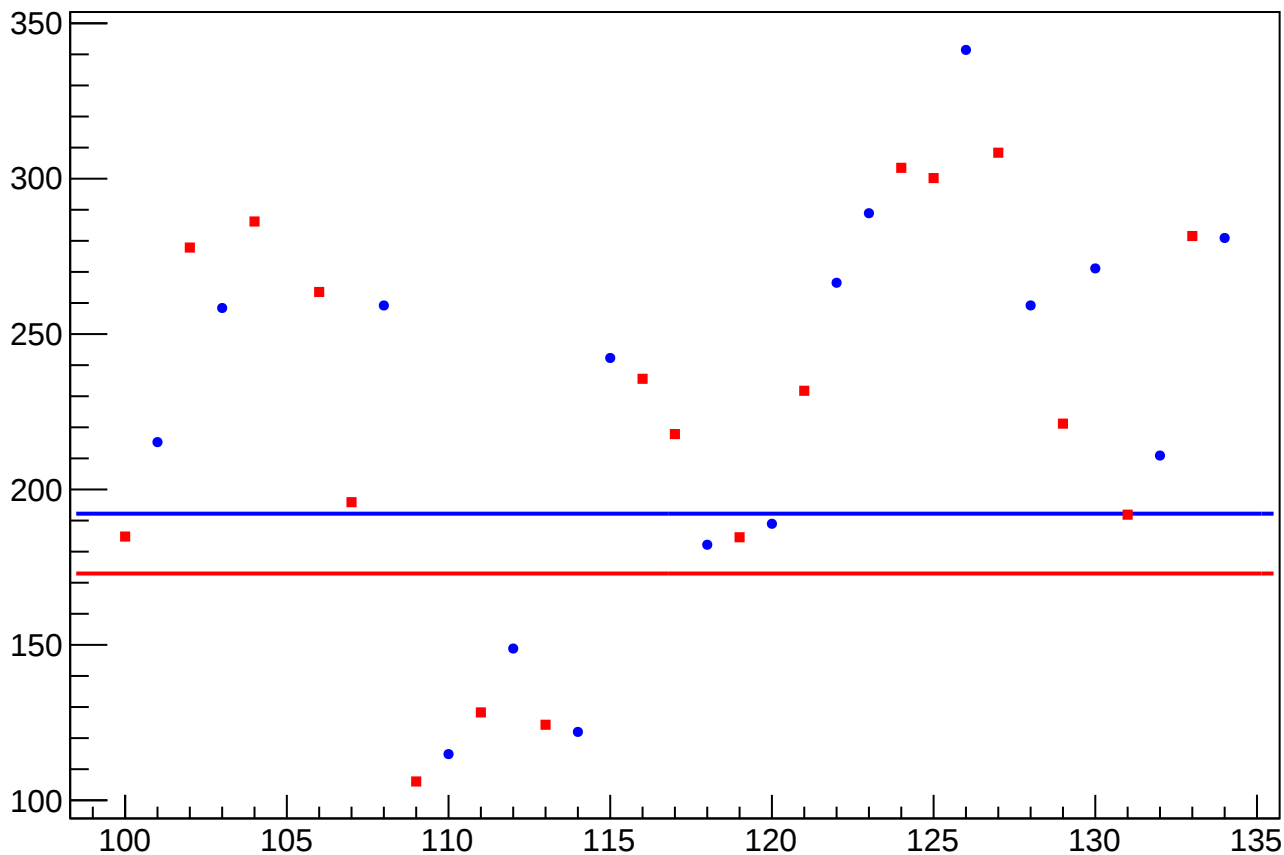
Right Out: -26.656 $\pm$ 74.248 χ^2 /NDF: 5.4/17

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

111.194 $\pm$ 84.517 χ^2 /NDF: 5.4/15

-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: 192.213 ± 0.060 χ^2/NDF : 1006551.7/15

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

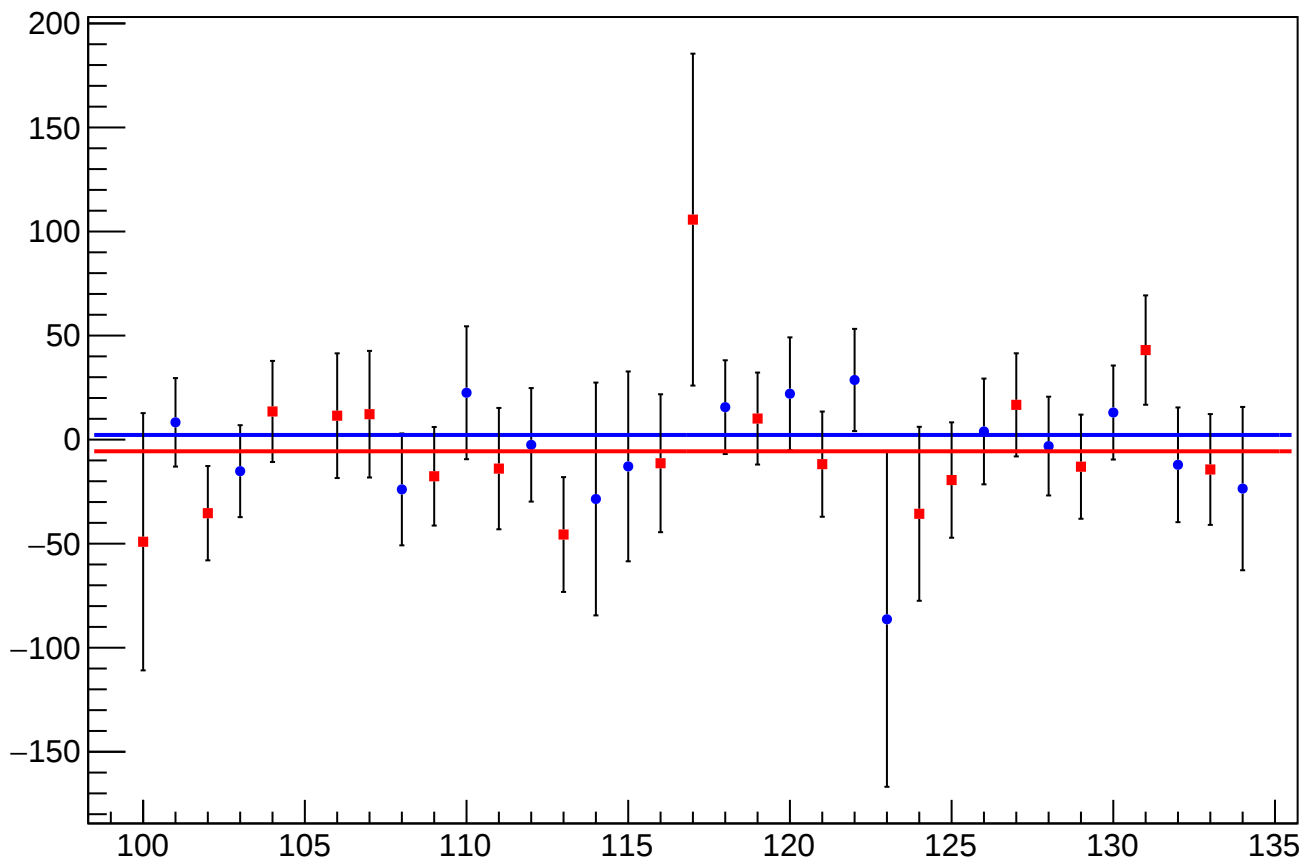
Right Out: 172.959 ± 0.053 χ^2/NDF : 1569679.2/17

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

192.213 ± 0.060 χ^2/NDF : 1006551.7/15

172.959 ± 0.053 χ^2/NDF : 1569679.2/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 2.243+/-6.874 χ^2/NDF : 6.7/15

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

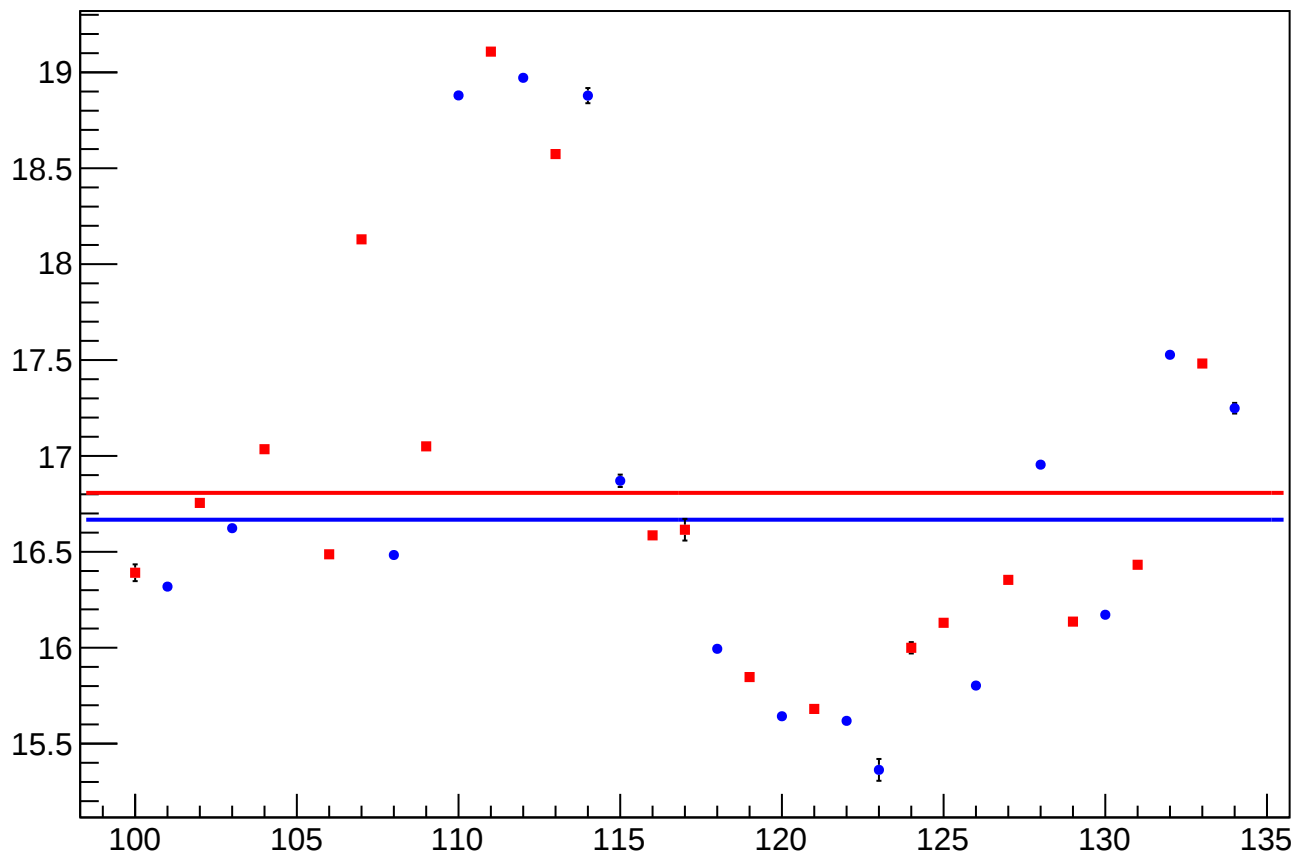
Right Out: -5.610+/-6.593 χ^2/NDF : 13.7/17

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

2.243+/-6.874 χ^2/NDF : 6.7/15

-5.610+/-6.593 χ^2/NDF : 13.7/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.667+/-0.005 χ^2/NDF : 42447.4/15

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

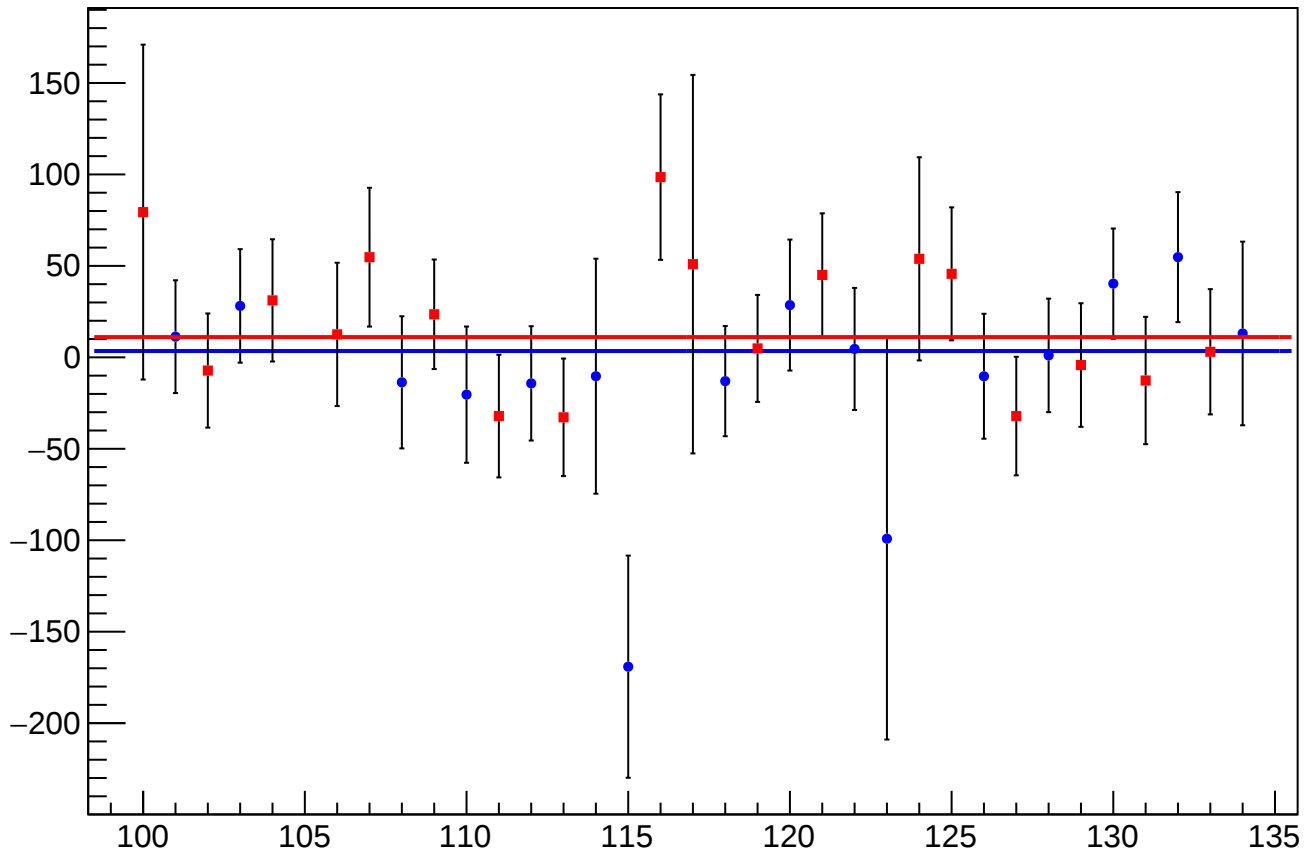
Right Out: 16.807+/-0.005 χ^2/NDF : 38738.9/17

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

16.667+/-0.005 χ^2/NDF : 42447.4/15

16.807+/-0.005 χ^2/NDF : 38738.9/17

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 3.448 $\pm$ 9.068 χ^2 /NDF: 15.2/15

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

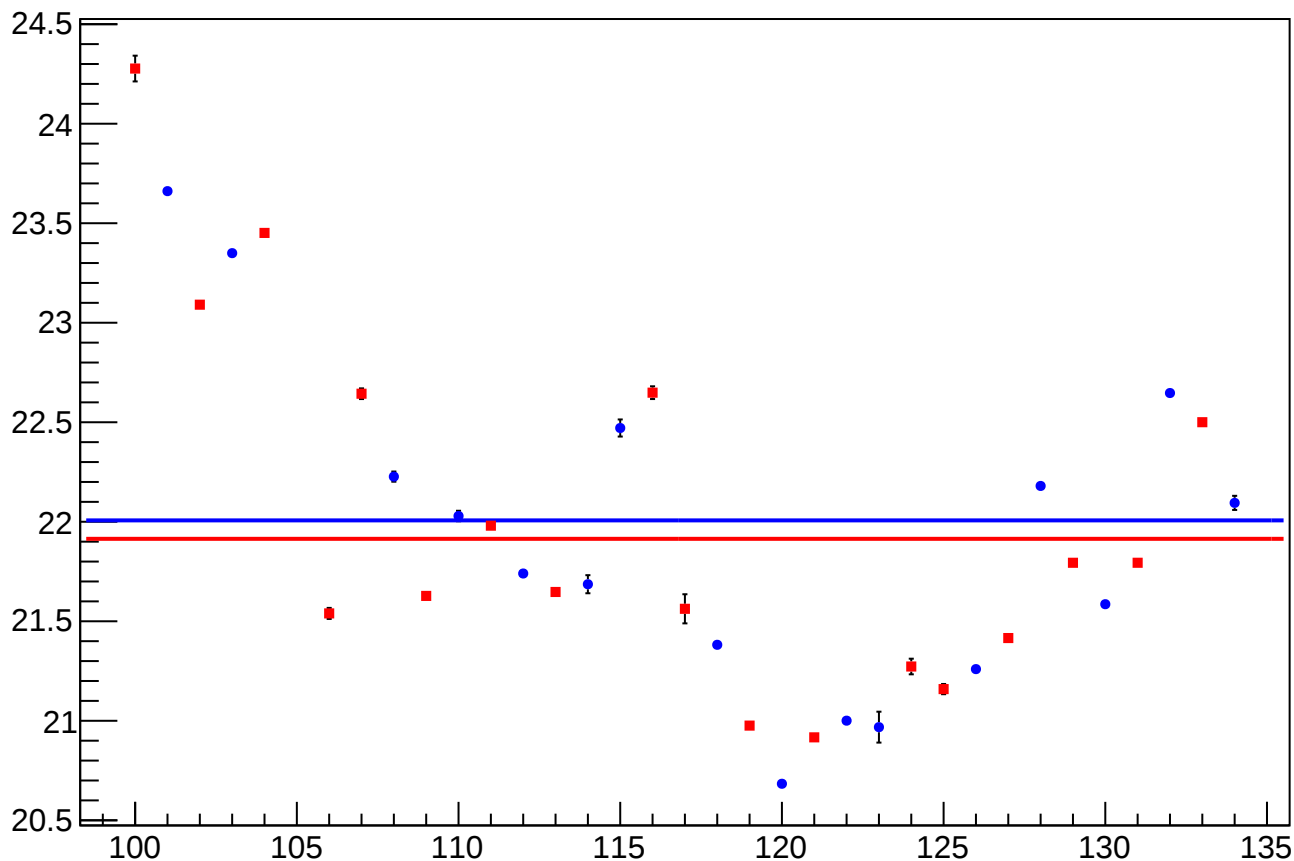
Right Out: 11.068 $\pm$ 8.582 χ^2 /NDF: 15.2/17

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

3.448 $\pm$ 9.068 χ^2 /NDF: 15.2/15

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: 22.007+/-0.006 χ^2/NDF : 17543.4/15

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

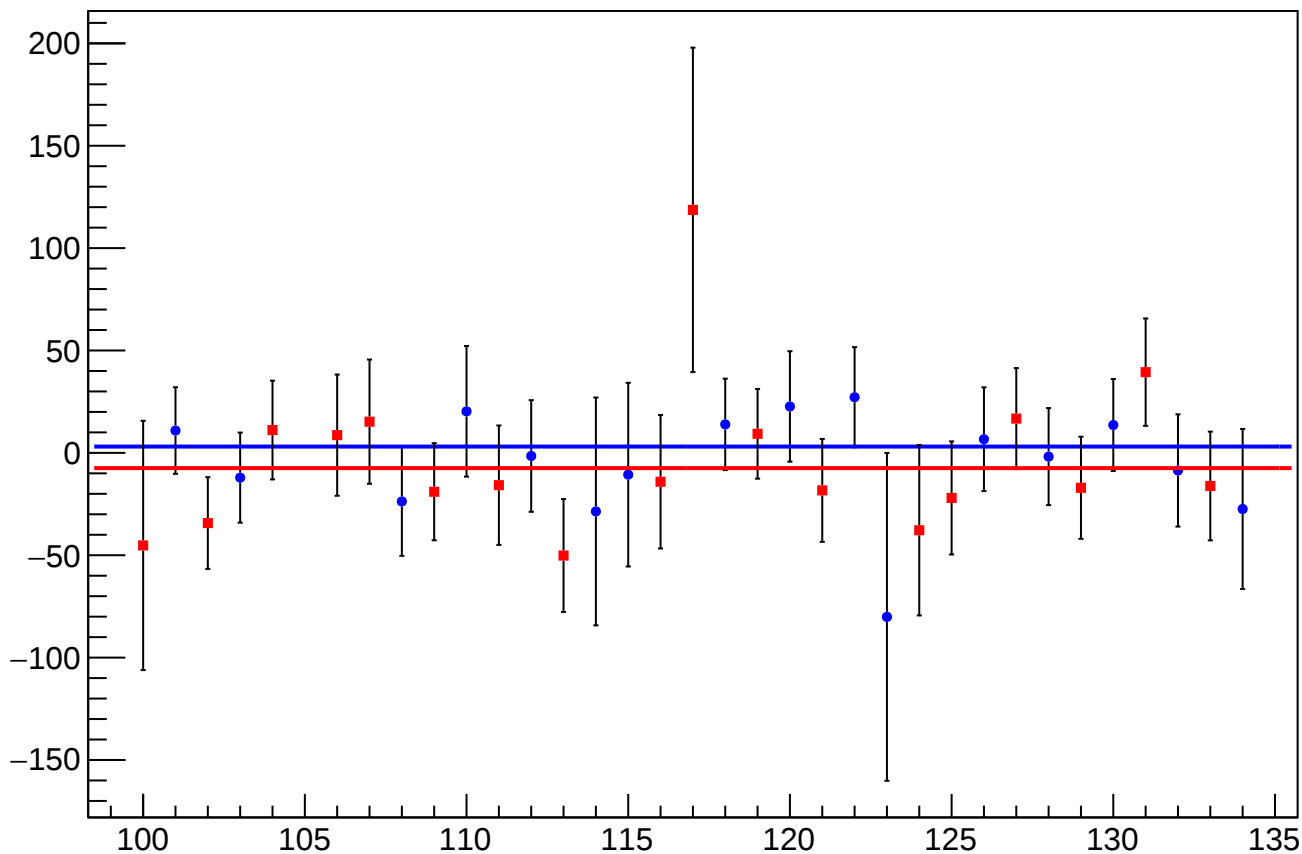
Right Out: 21.914+/-0.006 χ^2/NDF : 16254.1/17

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

22.007+/-0.006 χ^2/NDF : 17543.4/15

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: 3.081+/-6.839 χ^2/NDF : 6.3/15

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

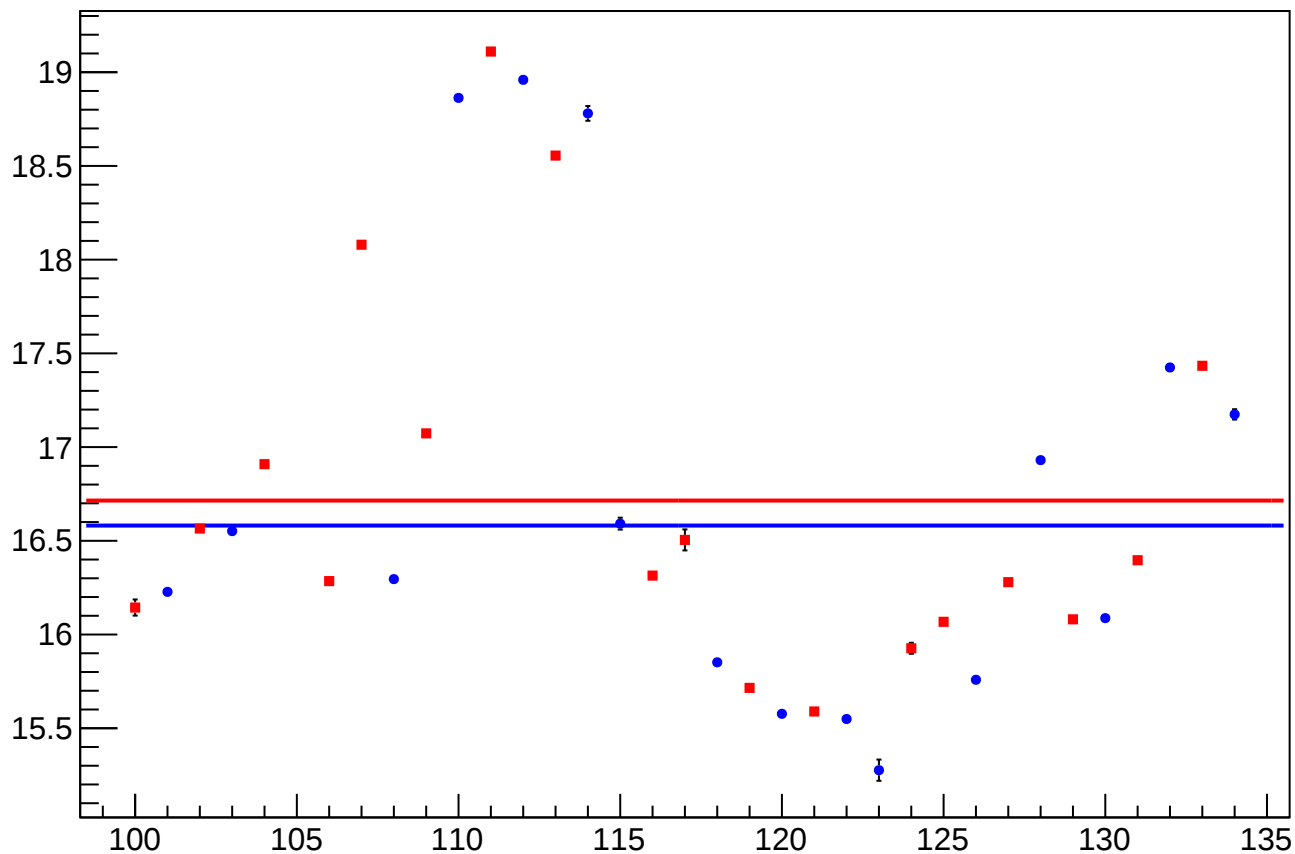
Right Out: -7.458+/-6.557 χ^2/NDF : 14.6/17

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

3.081+/-6.839 χ^2/NDF : 6.3/15

-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: 16.581+/-0.005 χ^2/NDF : 44231.3/15

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

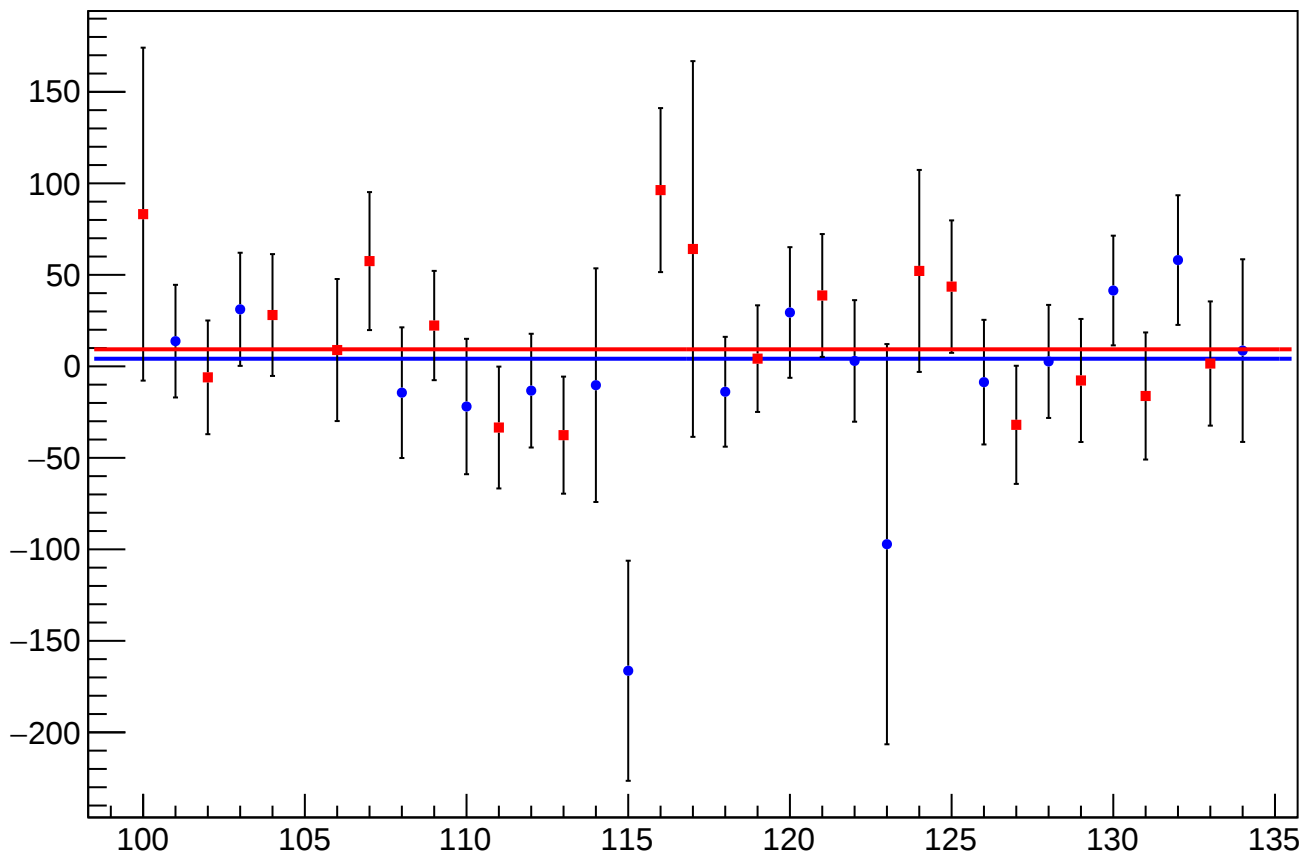
Right Out: 16.715+/-0.005 χ^2/NDF : 41716.6/17

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

16.581+/-0.005 χ^2/NDF : 44231.3/15

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: 4.155+/-9.023 χ^2/NDF : 15.8/15

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

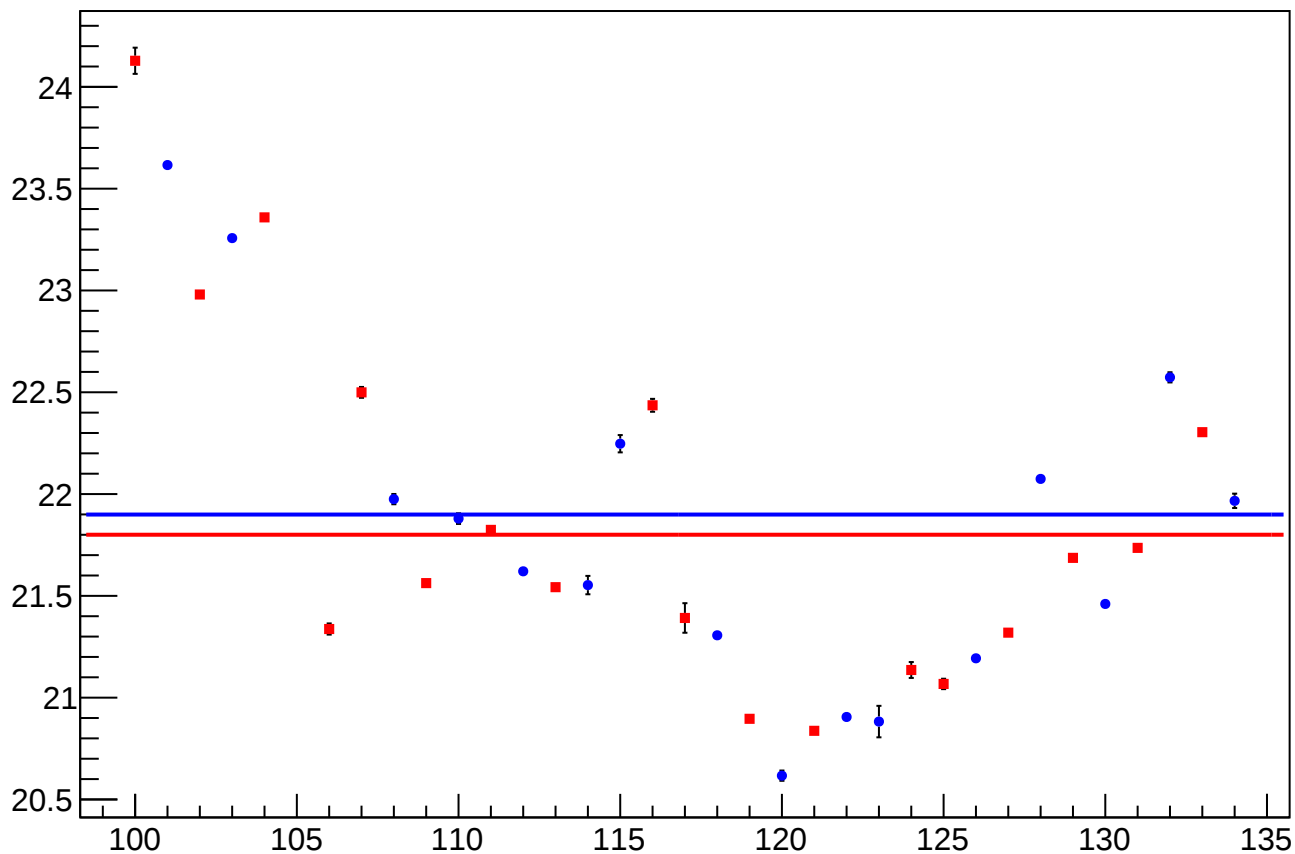
Right Out: 9.316+/-8.537 χ^2/NDF : 15.7/17

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

4.155+/-9.023 χ^2/NDF : 15.8/15

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: 21.899+/-0.006 χ^2/NDF : 17787.5/15

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

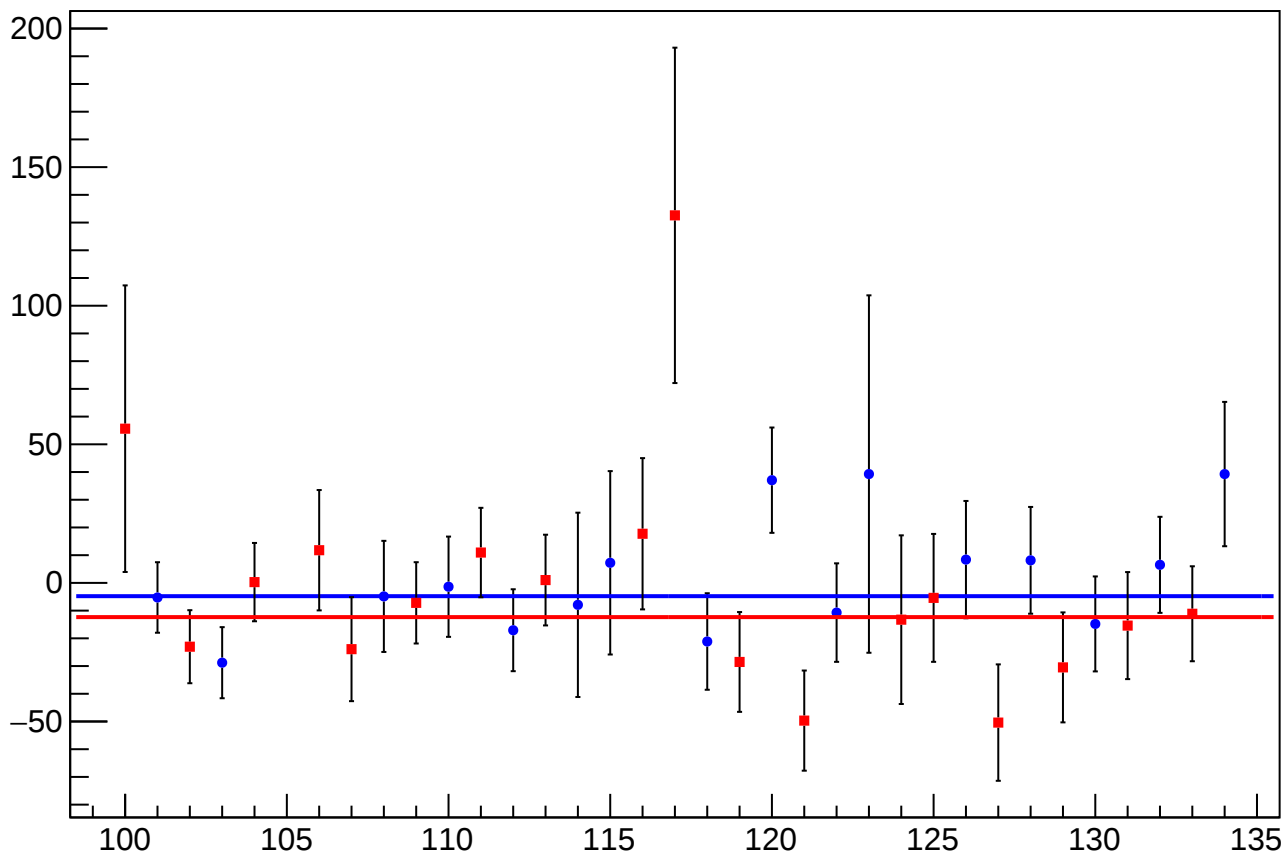
Right Out: 21.800+/-0.006 χ^2/NDF : 15841.9/17

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

21.899+/-0.006 χ^2/NDF : 17787.5/15

21.800+/-0.006 χ^2/NDF : 15841.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -4.789+/-4.621 χ^2/NDF : 15.2/15

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

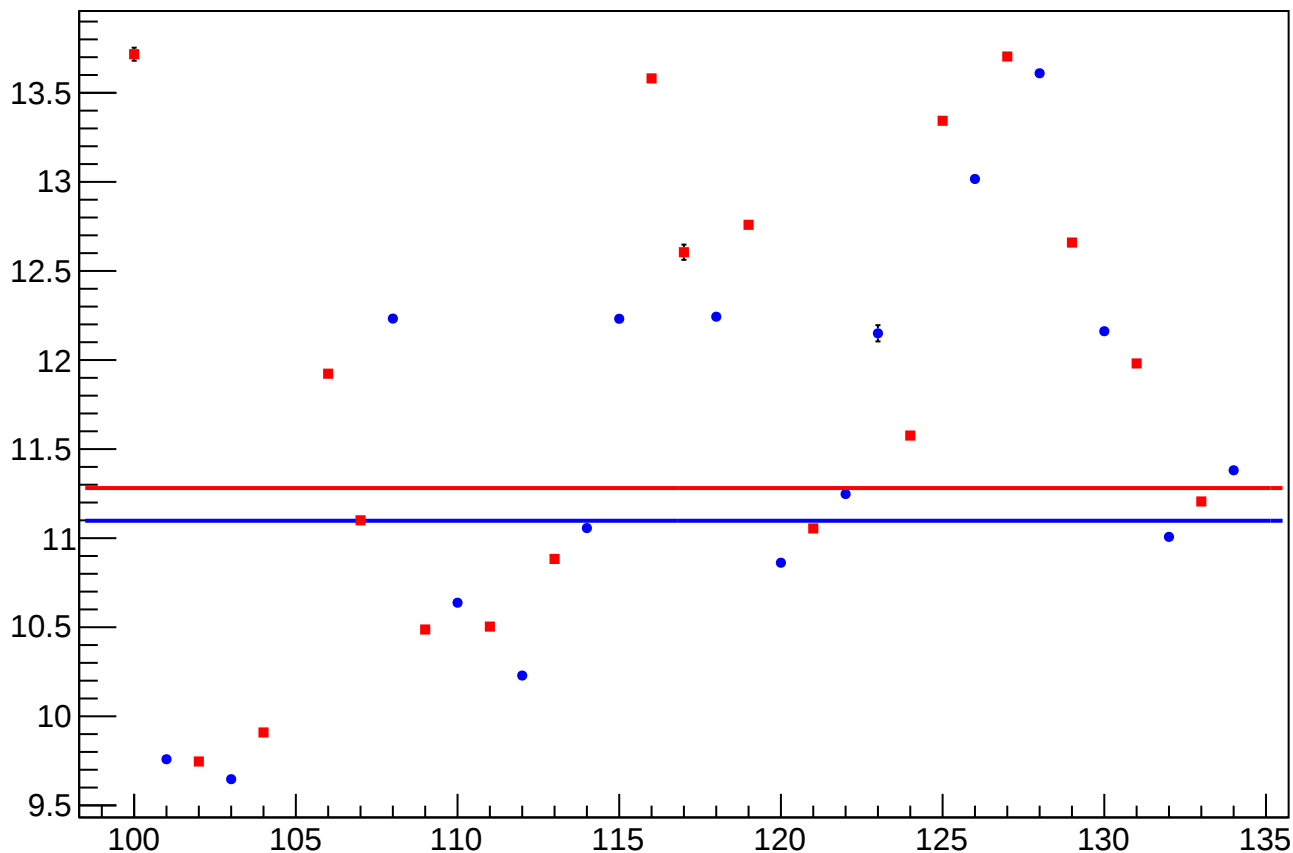
Right Out: -12.341+/-4.474 χ^2/NDF : 23.9/17

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

-4.789+/-4.621 χ^2/NDF : 15.2/15

-12.341+/-4.474 χ^2/NDF : 23.9/17

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.098+/-0.003 χ^2/NDF : 132830.7/15

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

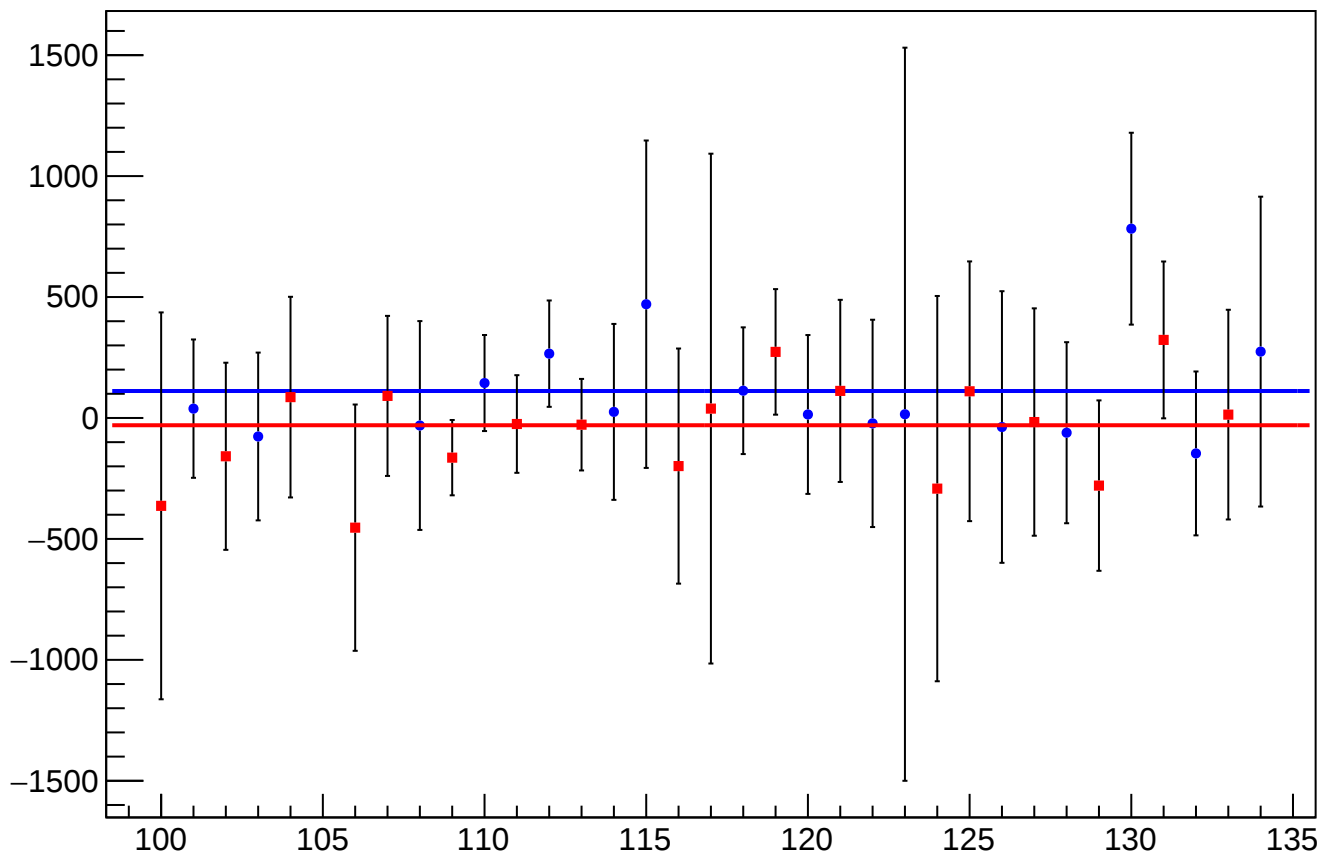
Right Out: 11.281+/-0.003 χ^2/NDF : 148106.4/17

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

11.098+/-0.003 χ^2/NDF : 132830.7/15

11.281+/-0.003 χ^2/NDF : 148106.4/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 111.485+/-84.744 χ^2/NDF : 5.3/15

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

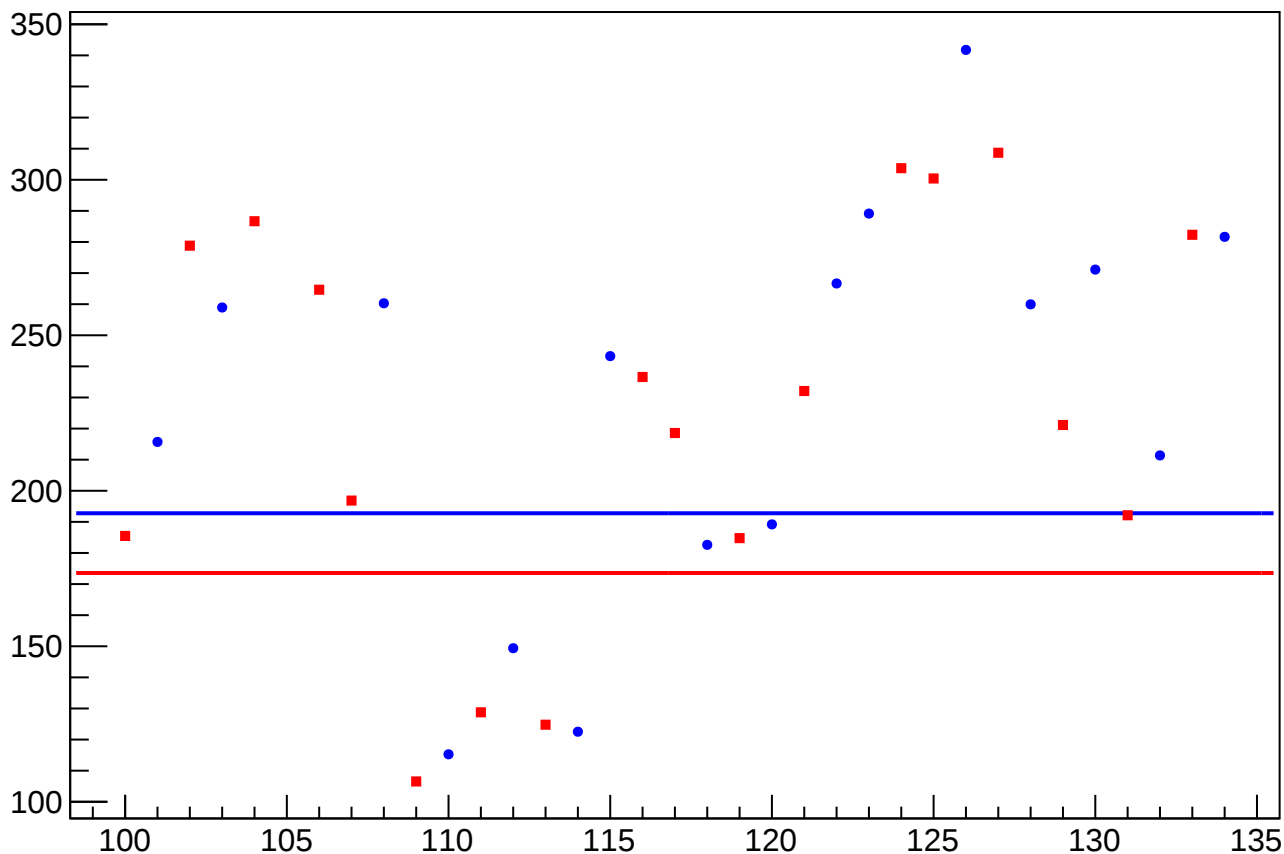
Right Out: -30.052+/-74.479 χ^2/NDF : 5.4/17

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

111.485+/-84.744 χ^2/NDF : 5.3/15

-30.052+/-74.479 χ^2/NDF : 5.4/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 192.774+/-0.060 χ^2/NDF : 1001612.3/15

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

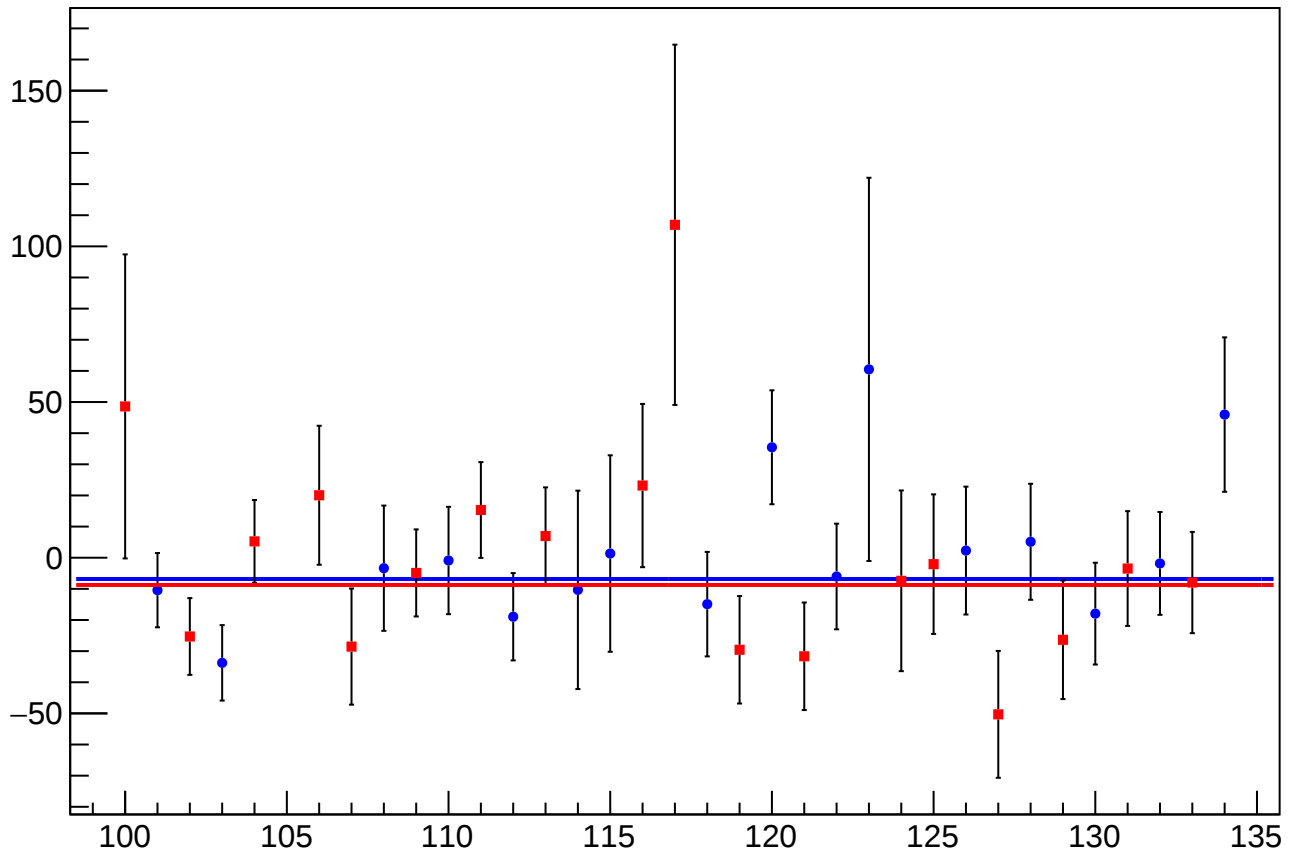
Right Out: 173.560+/-0.053 χ^2/NDF : 1561895.7/17

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

192.774+/-0.060 χ^2/NDF : 1001612.3/15

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

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.836+/-4.414 χ^2/NDF : 18.5/15

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

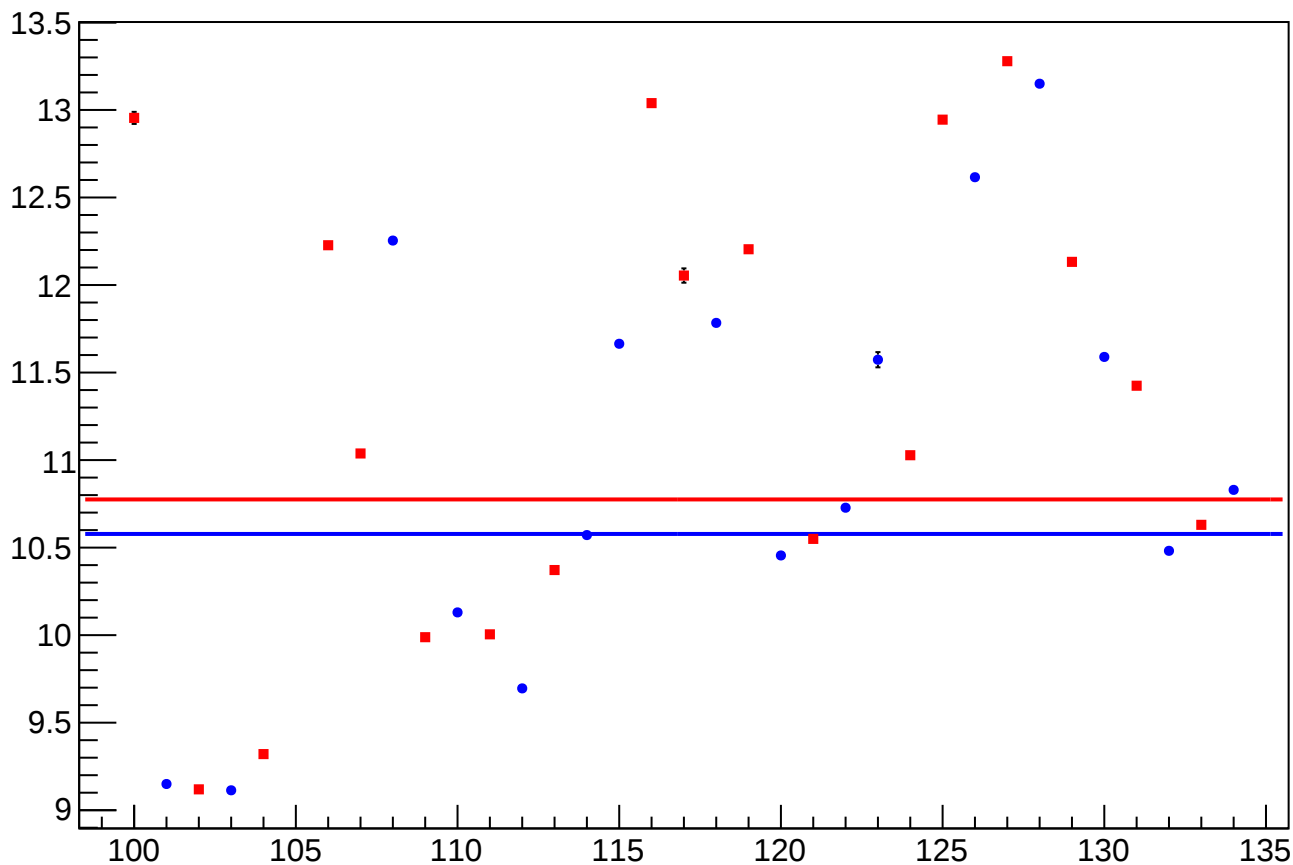
Right Out: -8.748+/-4.283 χ^2/NDF : 24.5/17

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

-6.836+/-4.414 χ^2/NDF : 18.5/15

-8.748+/-4.283 χ^2/NDF : 24.5/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.578+/-0.003 χ^2/NDF : 160230.3/15

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

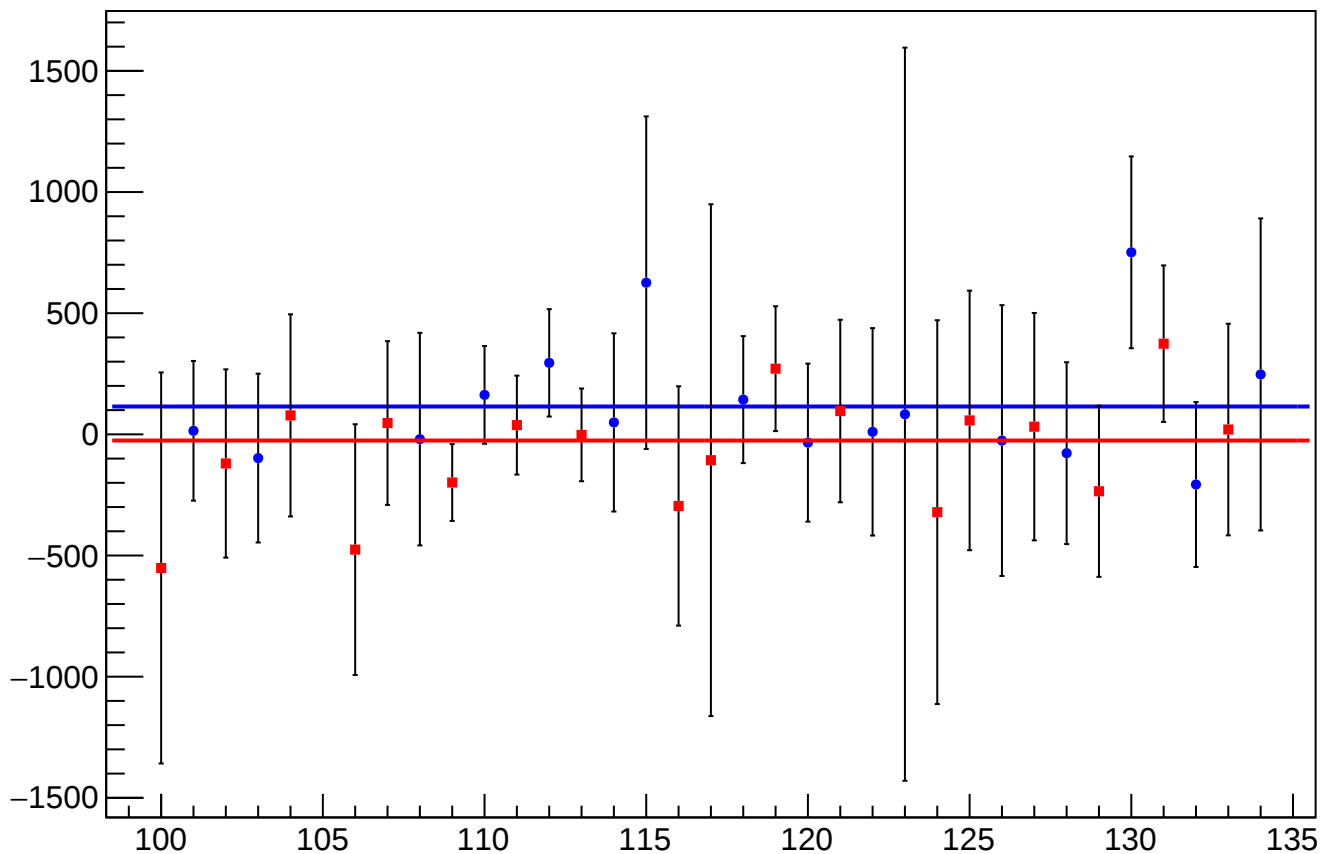
Right Out: 10.775+/-0.003 χ^2/NDF : 177422.5/17

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

10.578+/-0.003 χ^2/NDF : 160230.3/15

10.775+/-0.003 χ^2/NDF : 177422.5/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 114.902 $\pm$ 85.265 χ^2 /NDF: 6.0/15

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

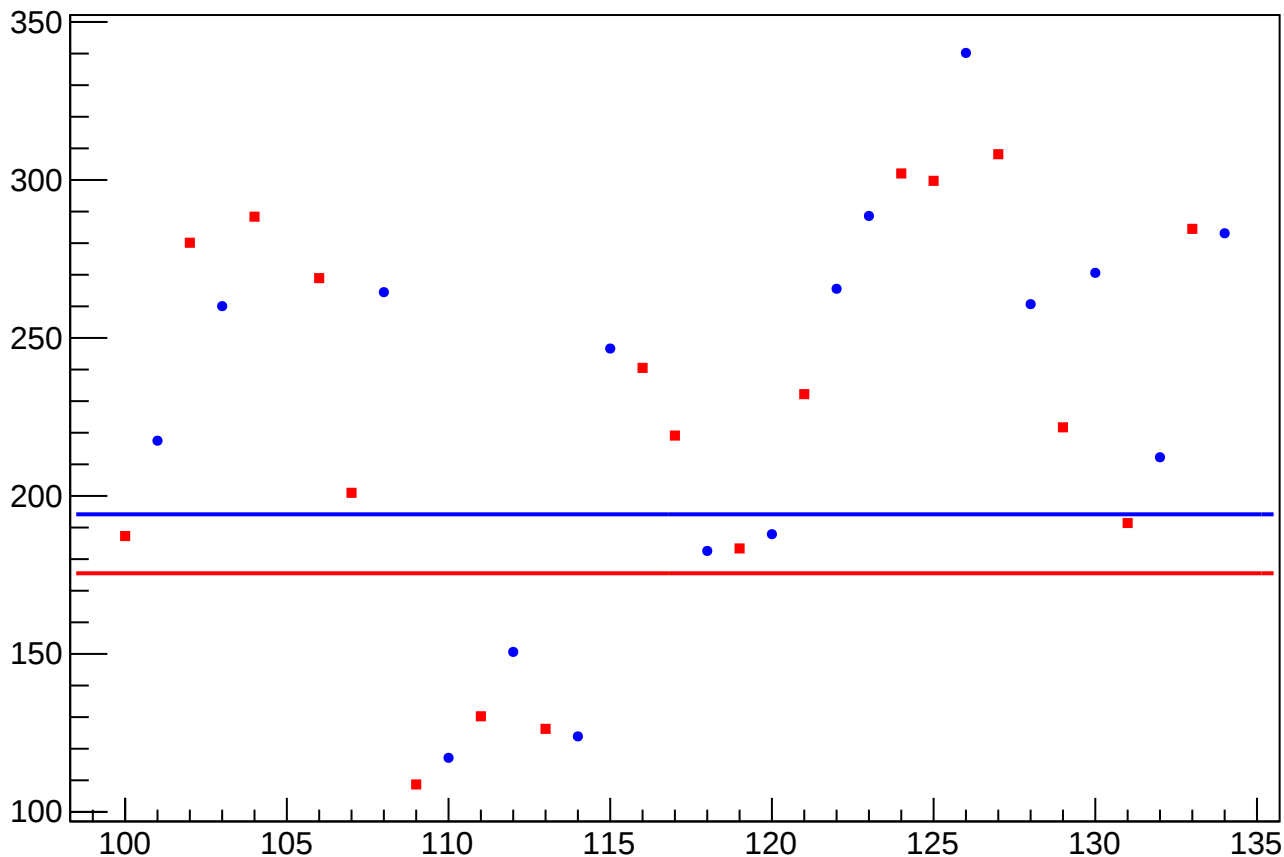
Right Out: -25.435 $\pm$ 75.159 χ^2 /NDF: 6.5/17

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

114.902 $\pm$ 85.265 χ^2 /NDF: 6.0/15

-25.435 $\pm$ 75.159 χ^2 /NDF: 6.5/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.186+/-0.060 χ^2/NDF : 975842.6/15

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

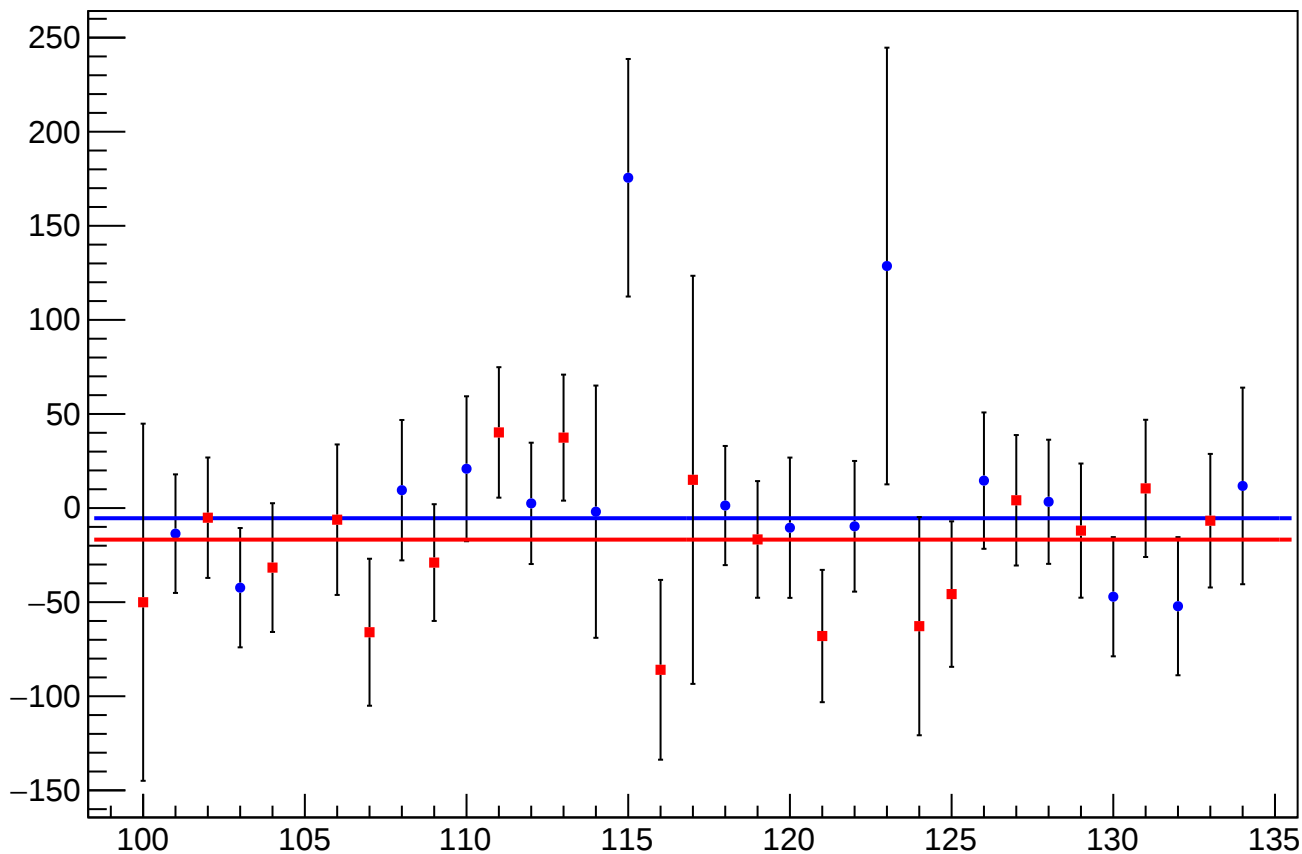
194.186+/-0.060 χ^2/NDF : 975842.6/15

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: -5.398+/-9.433 χ^2 /NDF: 15.6/15

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

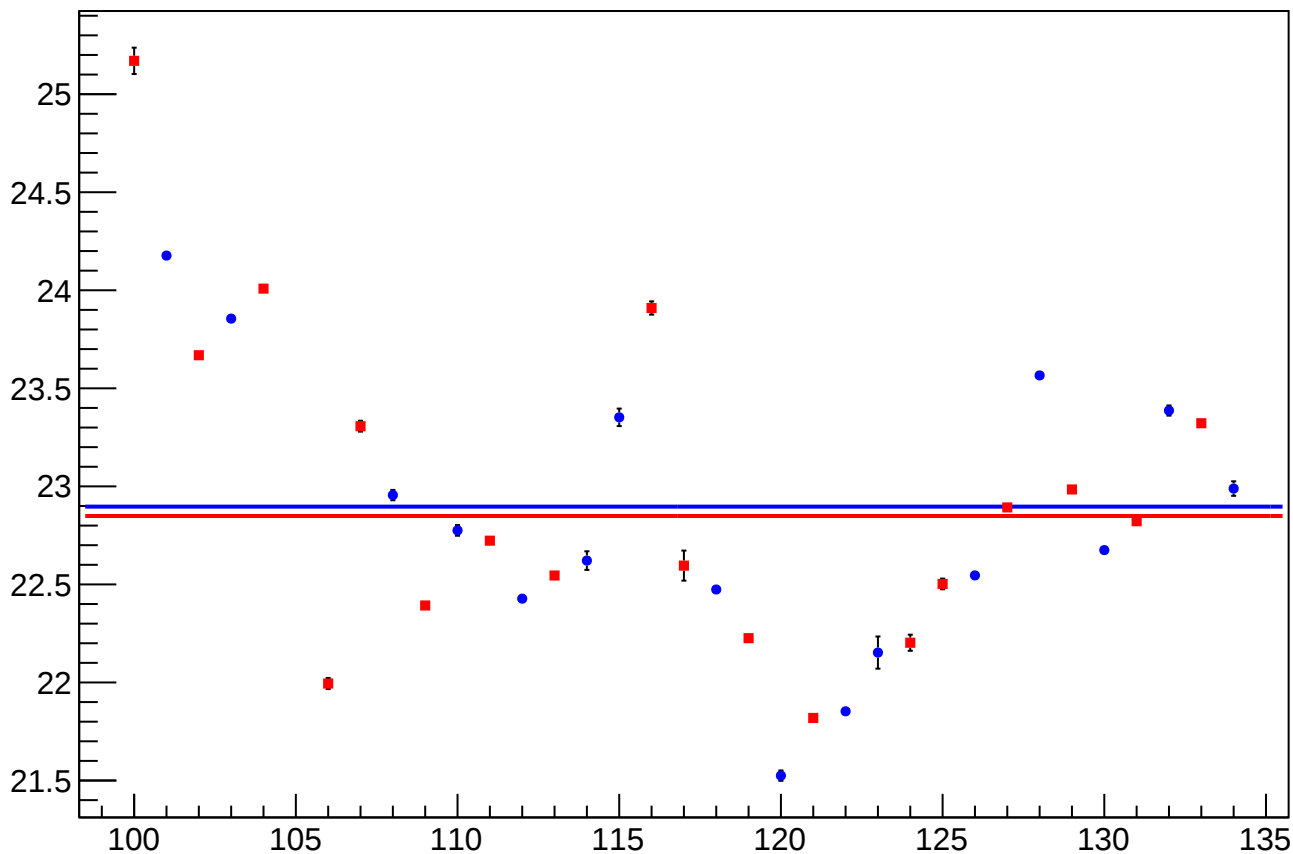
Right Out: -16.767+/-8.948 χ^2 /NDF: 14.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.398+/-9.433 χ^2 /NDF: 15.6/15

-16.767+/-8.948 χ^2 /NDF: 14.1/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.897+/-0.007 χ^2/NDF : 12142.8/15

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

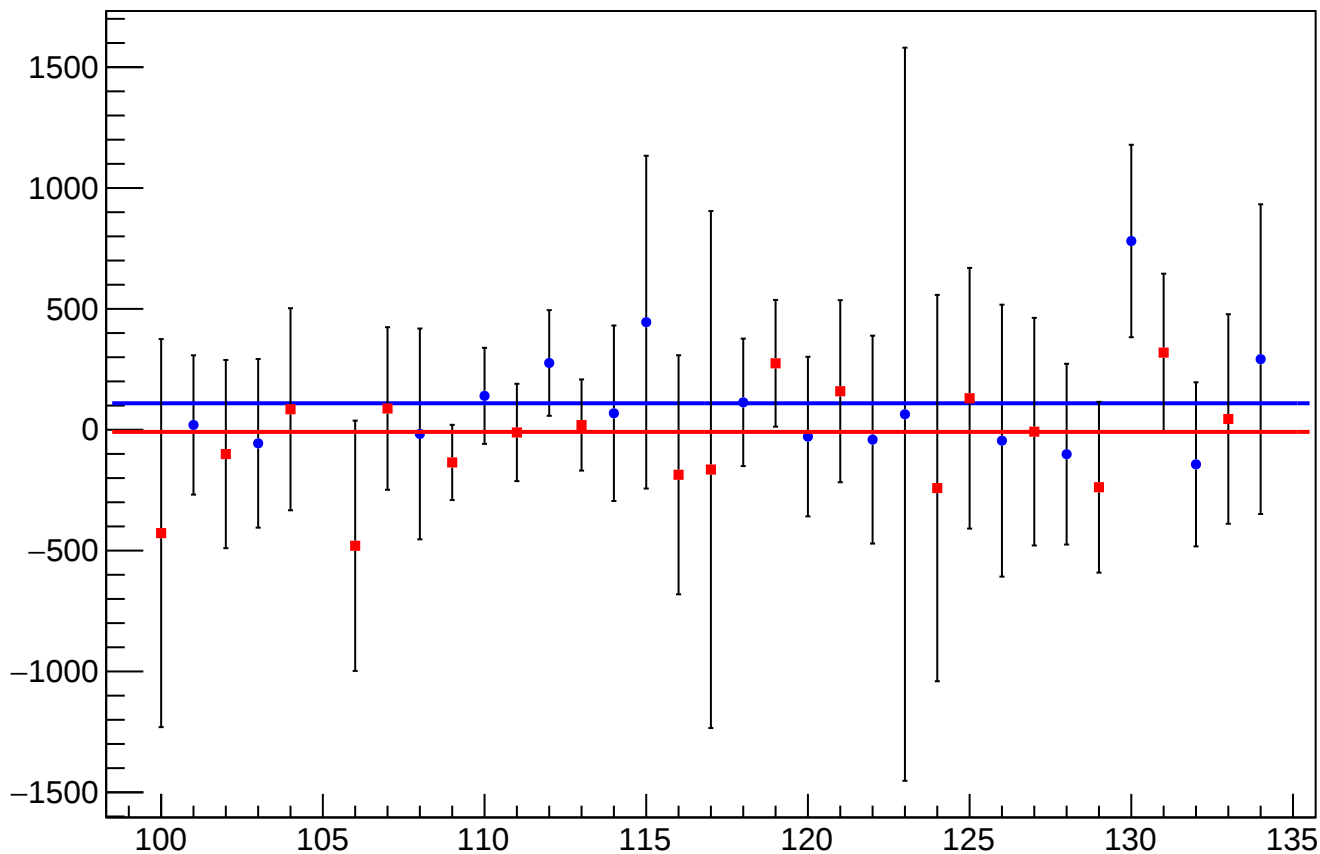
Right Out: 22.849+/-0.006 χ^2/NDF : 10936.6/17

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

22.897+/-0.007 χ^2/NDF : 12142.8/15

22.849+/-0.006 χ^2/NDF : 10936.6/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 109.544 $\pm$ 84.937 χ^2 /NDF: 5.4/15

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

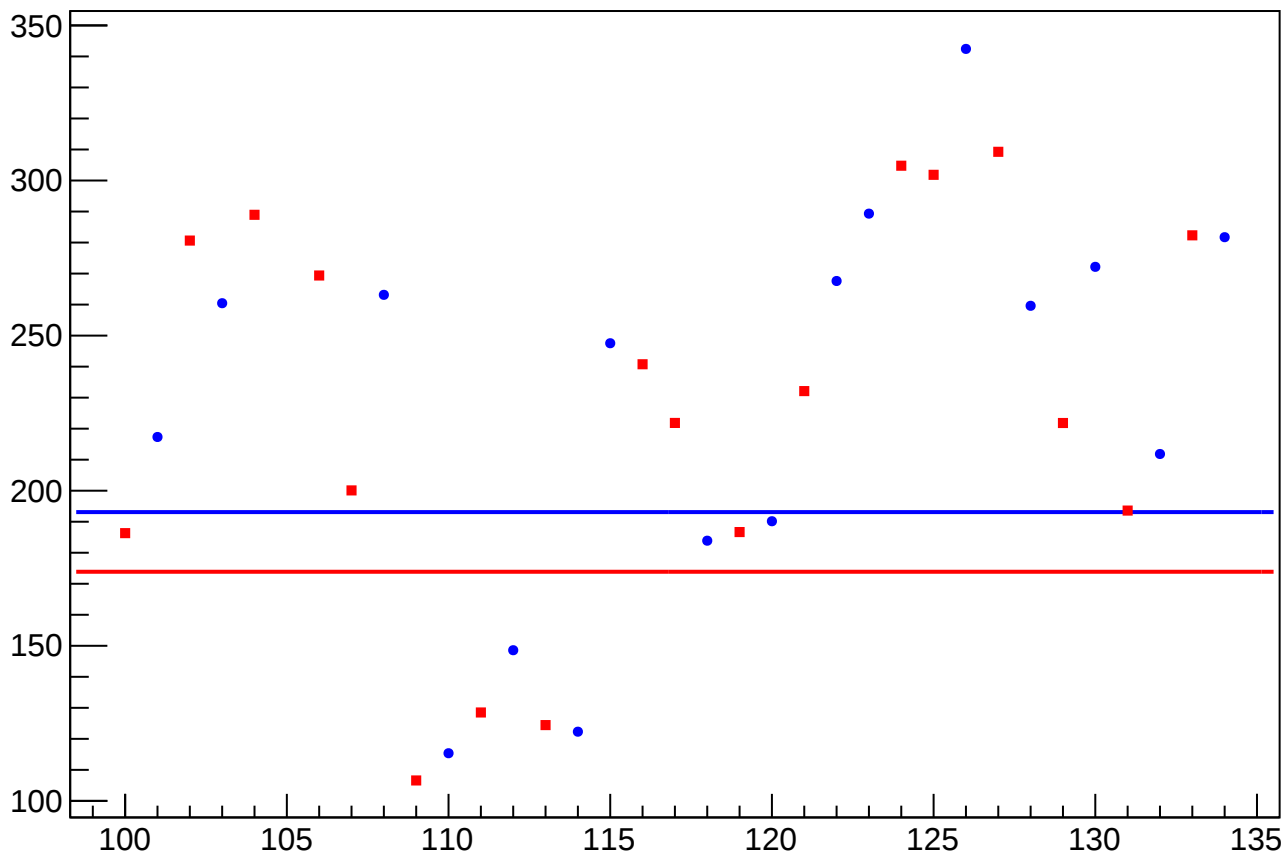
Right Out: -8.864 $\pm$ 74.684 χ^2 /NDF: 5.1/17

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

109.544 $\pm$ 84.937 χ^2 /NDF: 5.4/15

-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: 193.102+/-0.060 χ^2/NDF : 1016146.6/15

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

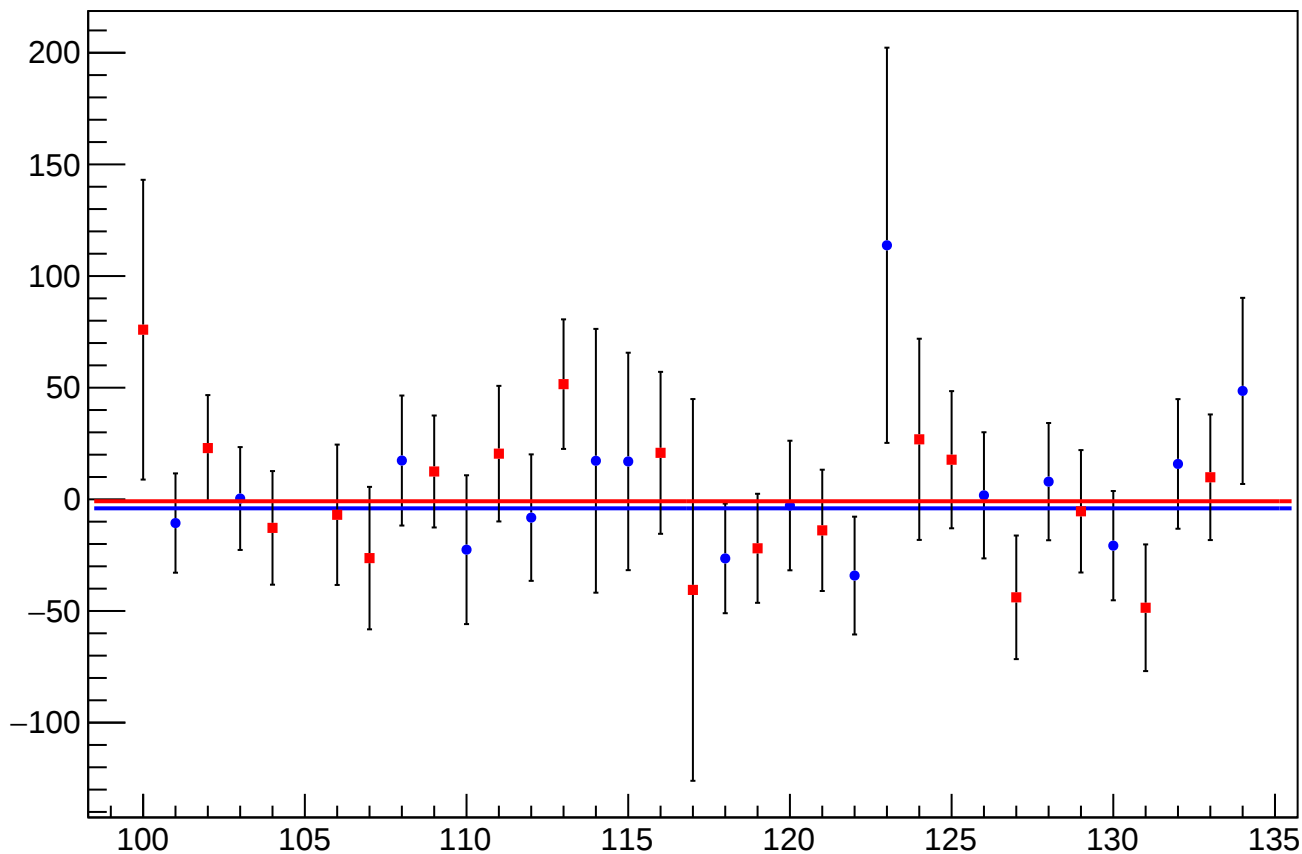
193.102+/-0.060 χ^2/NDF : 1016146.6/15

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

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

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

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -4.031+/-7.354 χ^2/NDF : 8.0/15

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

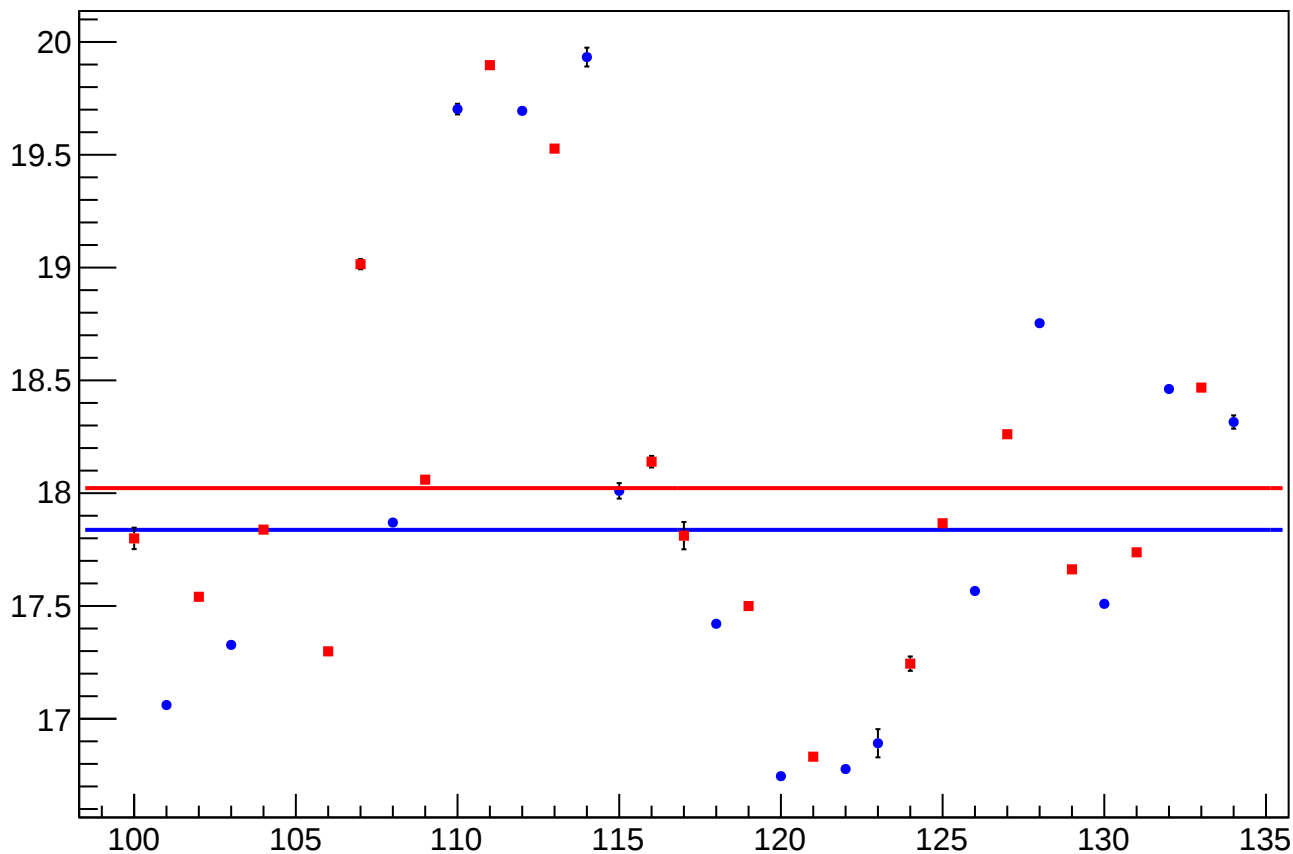
Right Out: -0.858+/-7.066 χ^2/NDF : 15.0/17

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

-4.031+/-7.354 χ^2/NDF : 8.0/15

-0.858+/-7.066 χ^2/NDF : 15.0/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.837+/-0.005 χ^2 /NDF: 31859.9/15

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

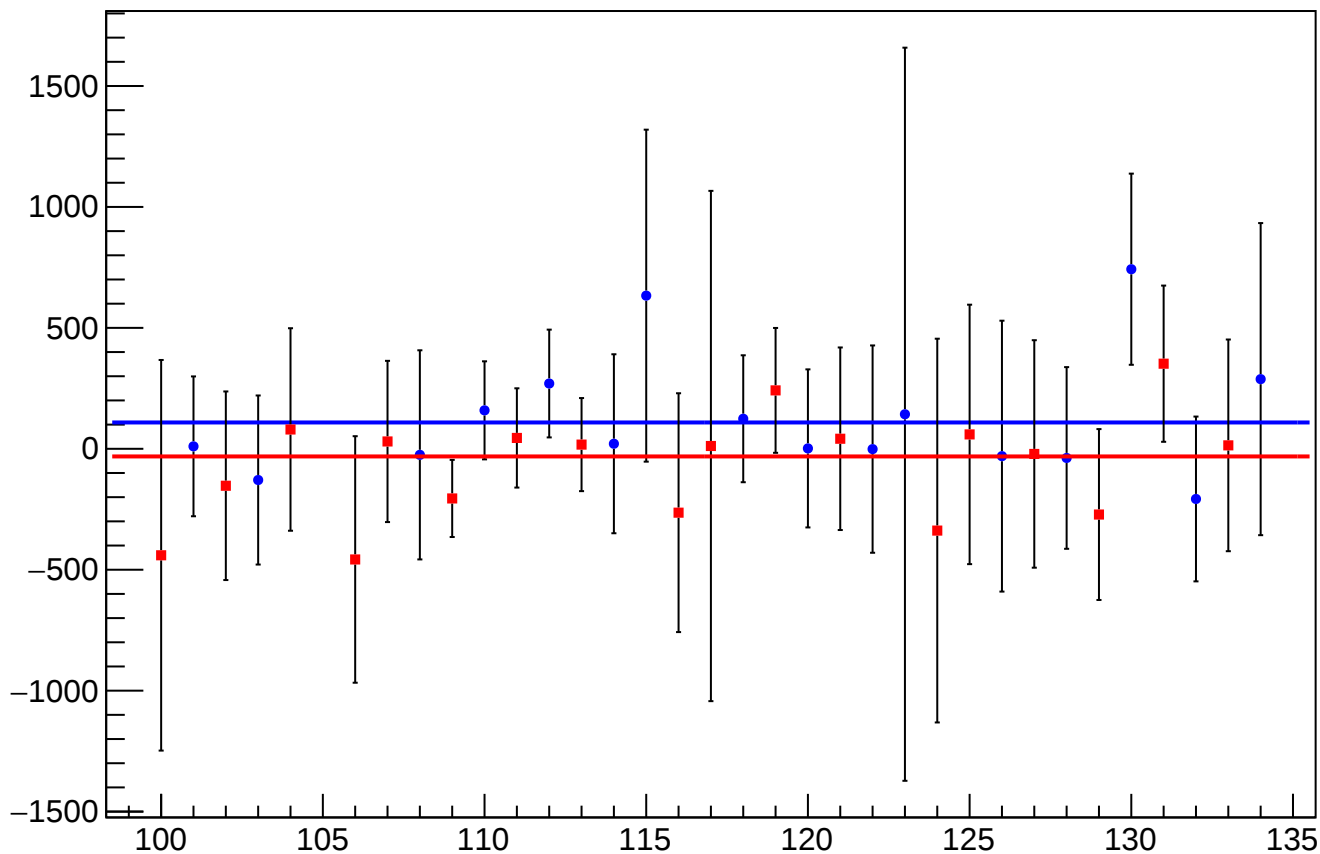
Right Out: 18.022+/-0.005 χ^2 /NDF: 23595.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.837+/-0.005 χ^2 /NDF: 31859.9/15

18.022+/-0.005 χ^2 /NDF: 23595.7/17

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 108.871+/-85.475 χ^2/NDF : 5.8/15

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

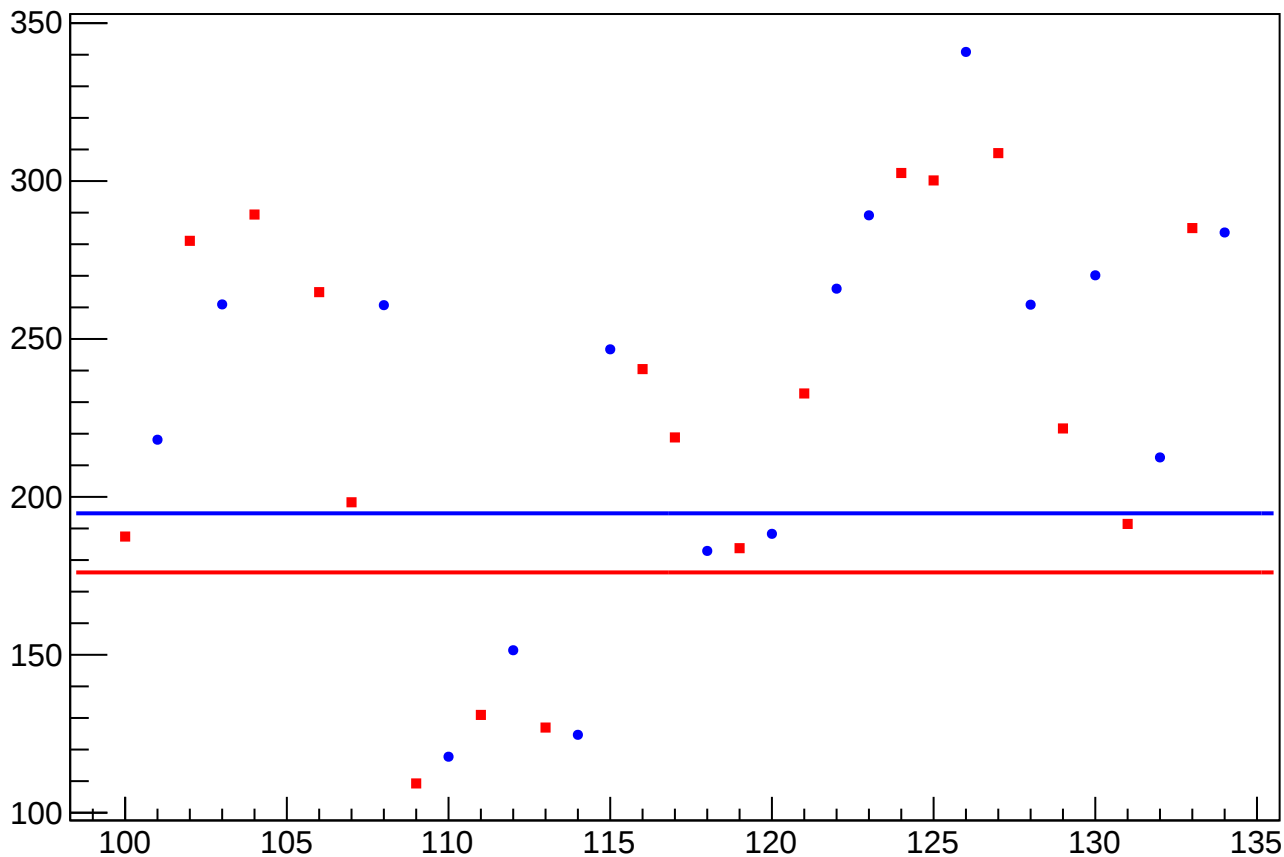
Right Out: -31.584+/-75.336 χ^2/NDF : 6.0/17

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

108.871+/-85.475 χ^2/NDF : 5.8/15

-31.584+/-75.336 χ^2/NDF : 6.0/17

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 194.797 $\pm$ 0.060 χ^2 /NDF: 960986.4/15

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

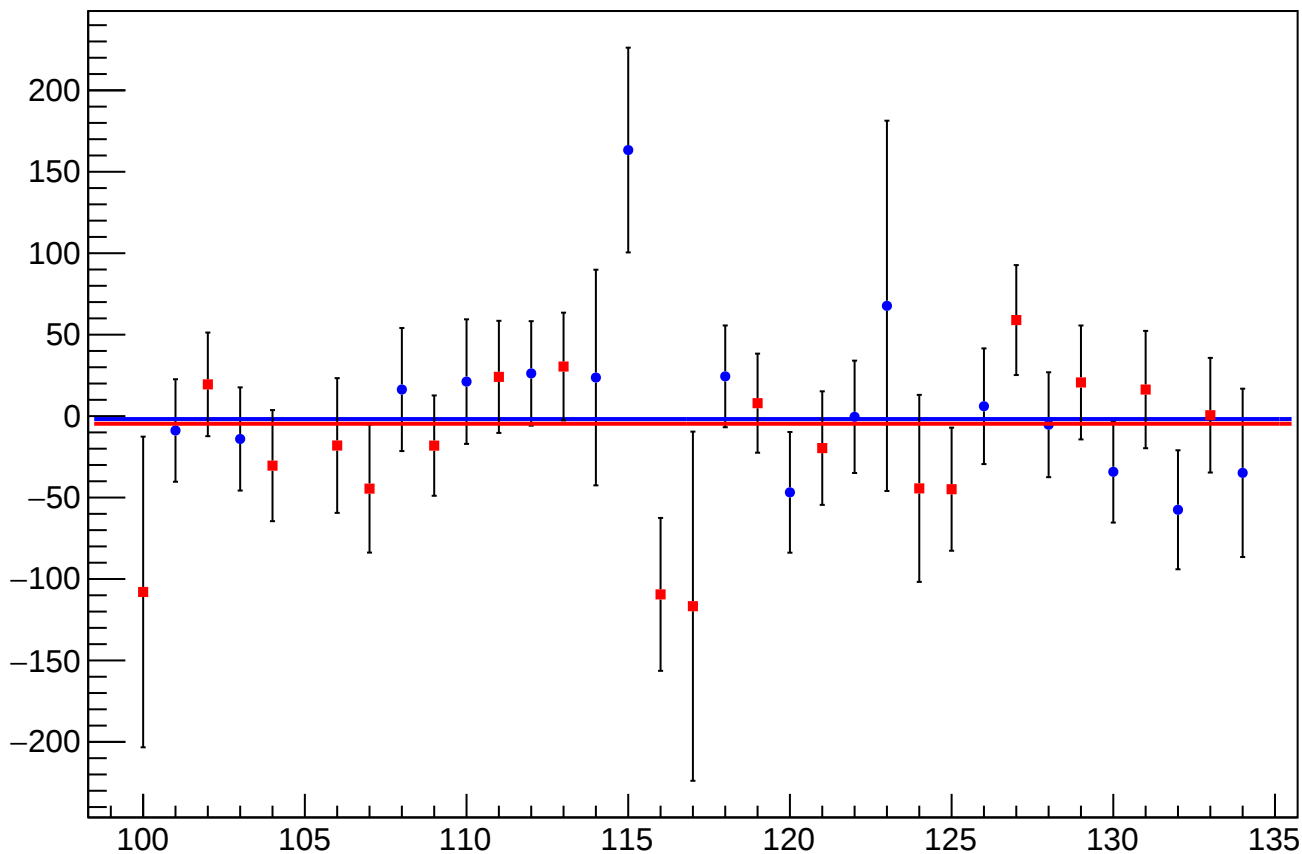
194.797 $\pm$ 0.060 χ^2 /NDF: 960986.4/15

Right Out: 176.086 $\pm$ 0.053 χ^2 /NDF: 1503048.4/17

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

176.086 $\pm$ 0.053 χ^2 /NDF: 1503048.4/17

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: -1.802+/-9.355 χ^2/NDF : 15.0/15

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

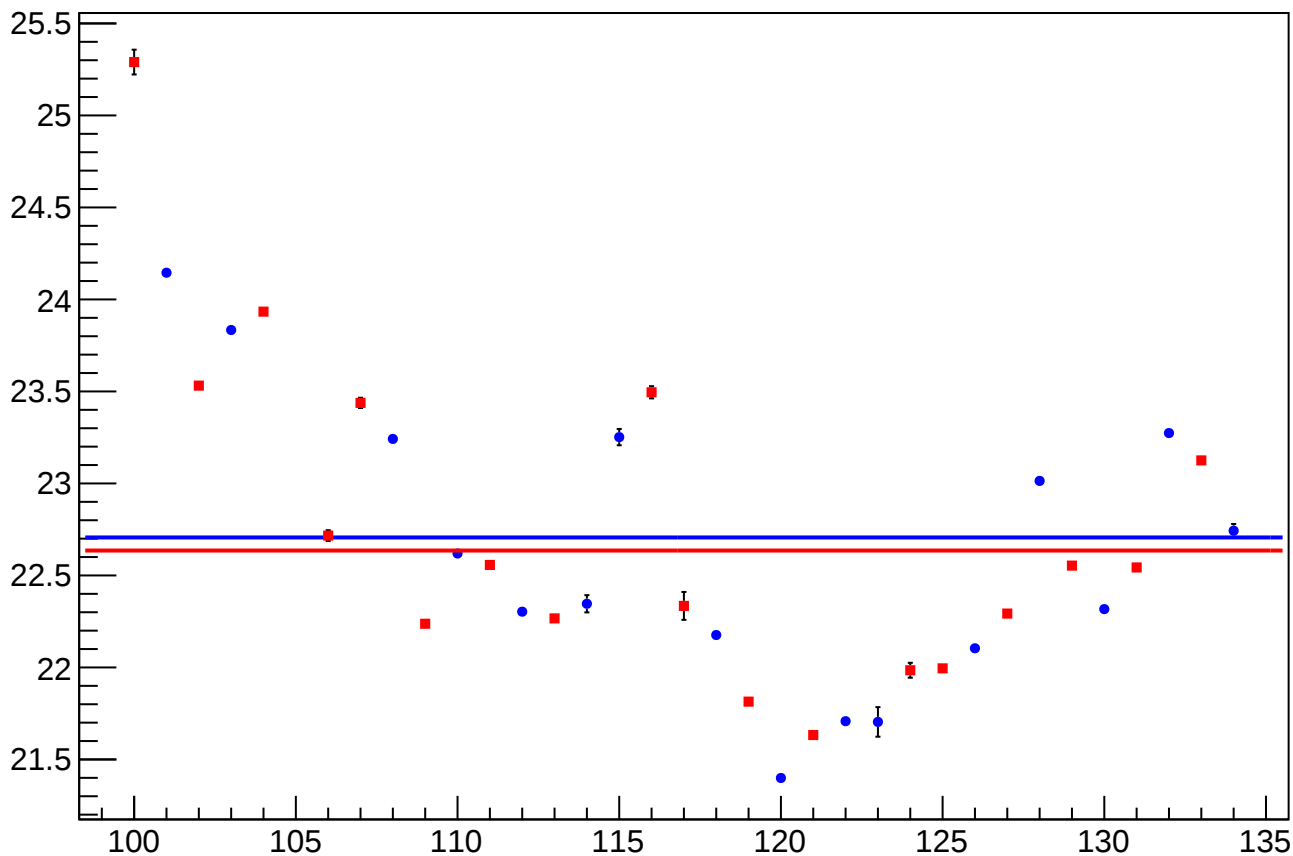
Right Out: -4.690+/-8.864 χ^2/NDF : 18.0/17

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

-1.802+/-9.355 χ^2/NDF : 15.0/15

-4.690+/-8.864 χ^2/NDF : 18.0/17

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.706+/-0.007 χ^2/NDF : 14104.6/15

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

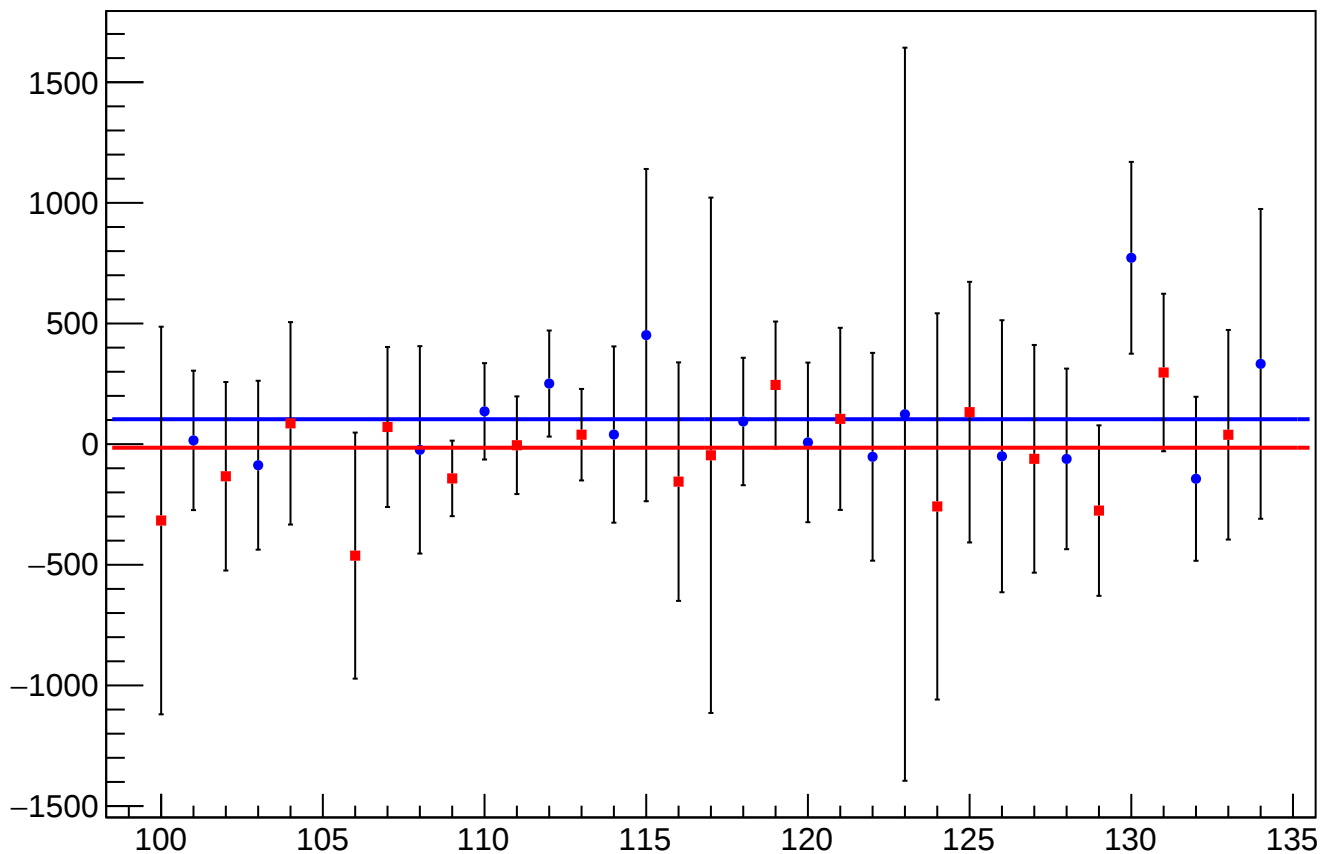
Right Out: 22.635+/-0.006 χ^2/NDF : 12720.5/17

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

22.706+/-0.007 χ^2/NDF : 14104.6/15

22.635+/-0.006 χ^2/NDF : 12720.5/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 103.277 $\pm$ 85.150 χ^2 /NDF: 5.2/15

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

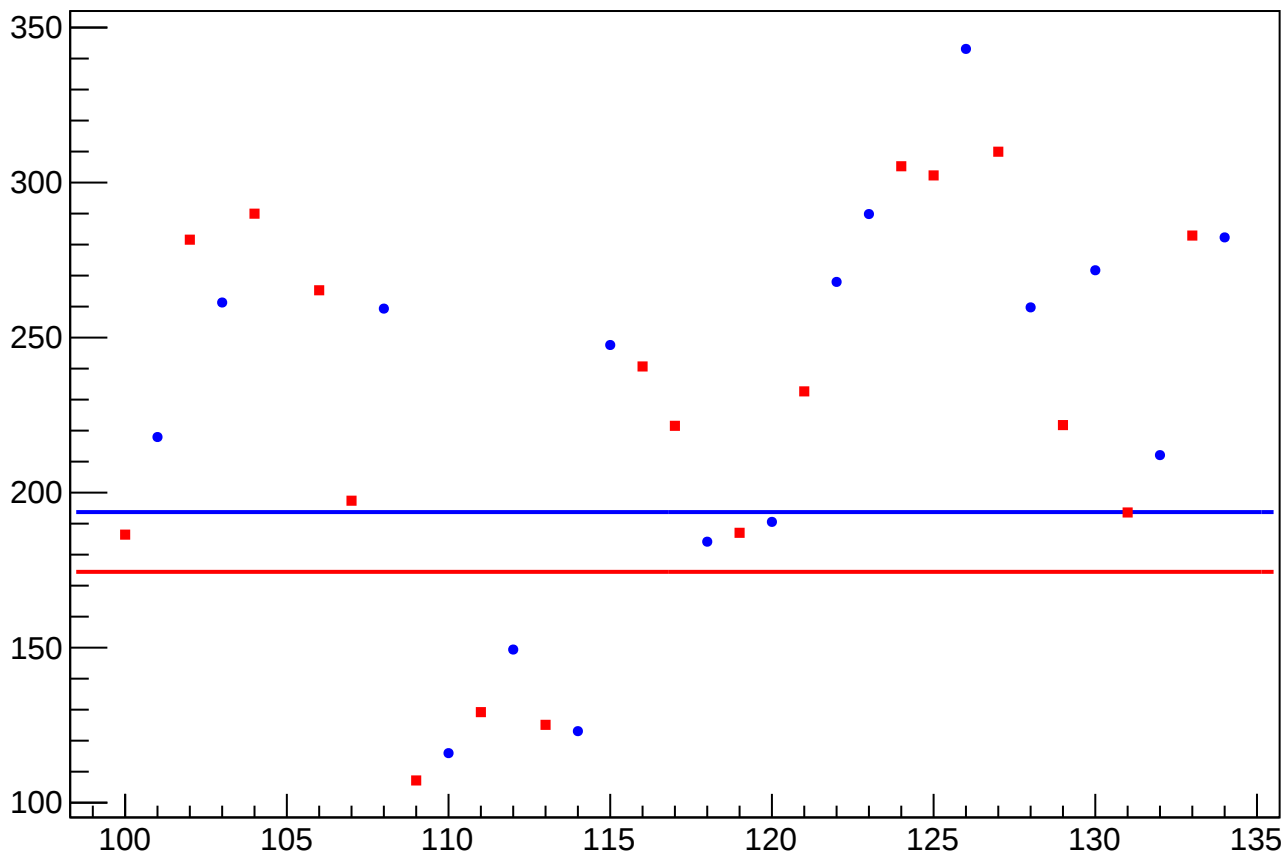
Right Out: -14.824 $\pm$ 74.867 χ^2 /NDF: 4.7/17

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

103.277 $\pm$ 85.150 χ^2 /NDF: 5.2/15

-14.824 $\pm$ 74.867 χ^2 /NDF: 4.7/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 193.725+/-0.060 χ^2/NDF : 1000604.9/15

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

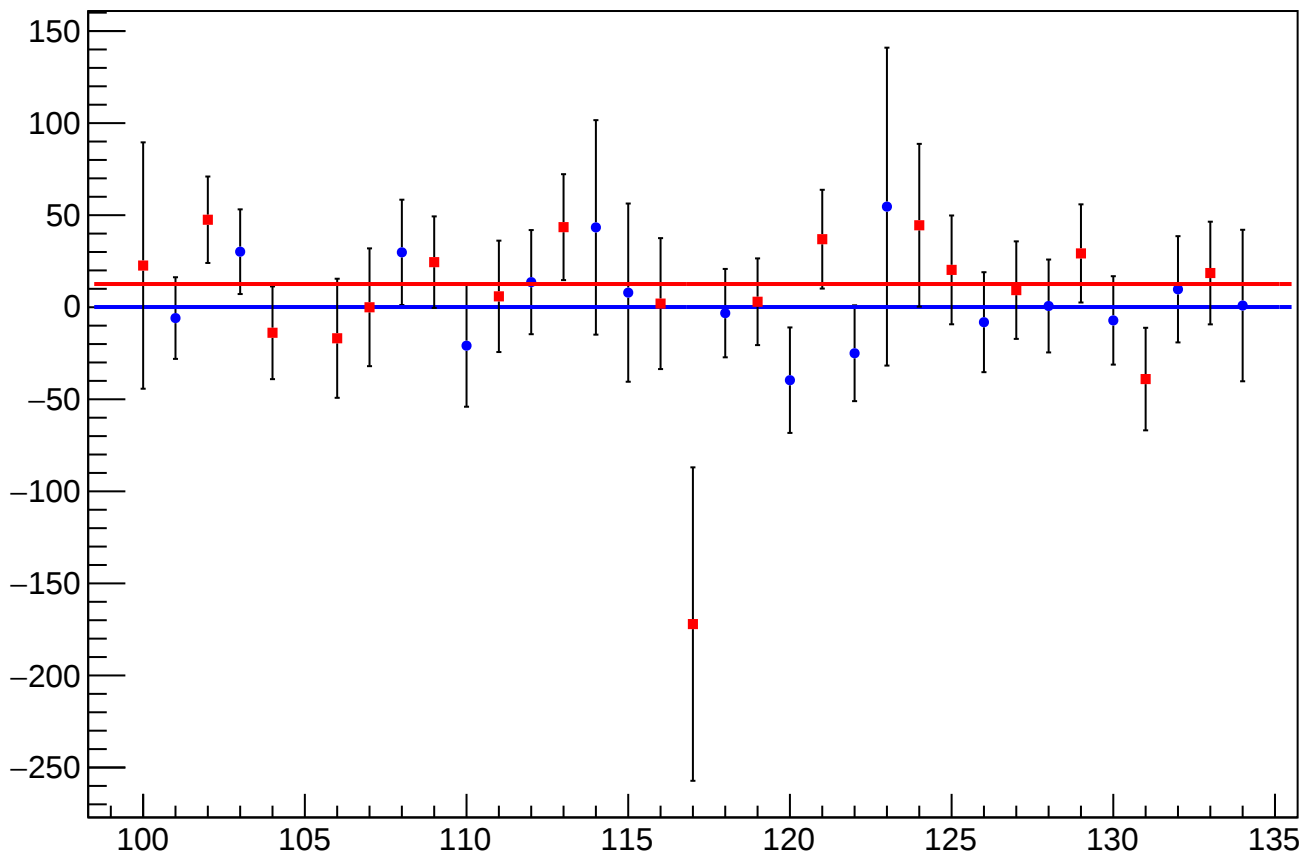
193.725+/-0.060 χ^2/NDF : 1000604.9/15

Right Out: 174.449+/-0.053 χ^2/NDF : 1570316.2/17

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

174.449+/-0.053 χ^2/NDF : 1570316.2/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.115+/-7.245 χ^2/NDF : 7.6/15

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

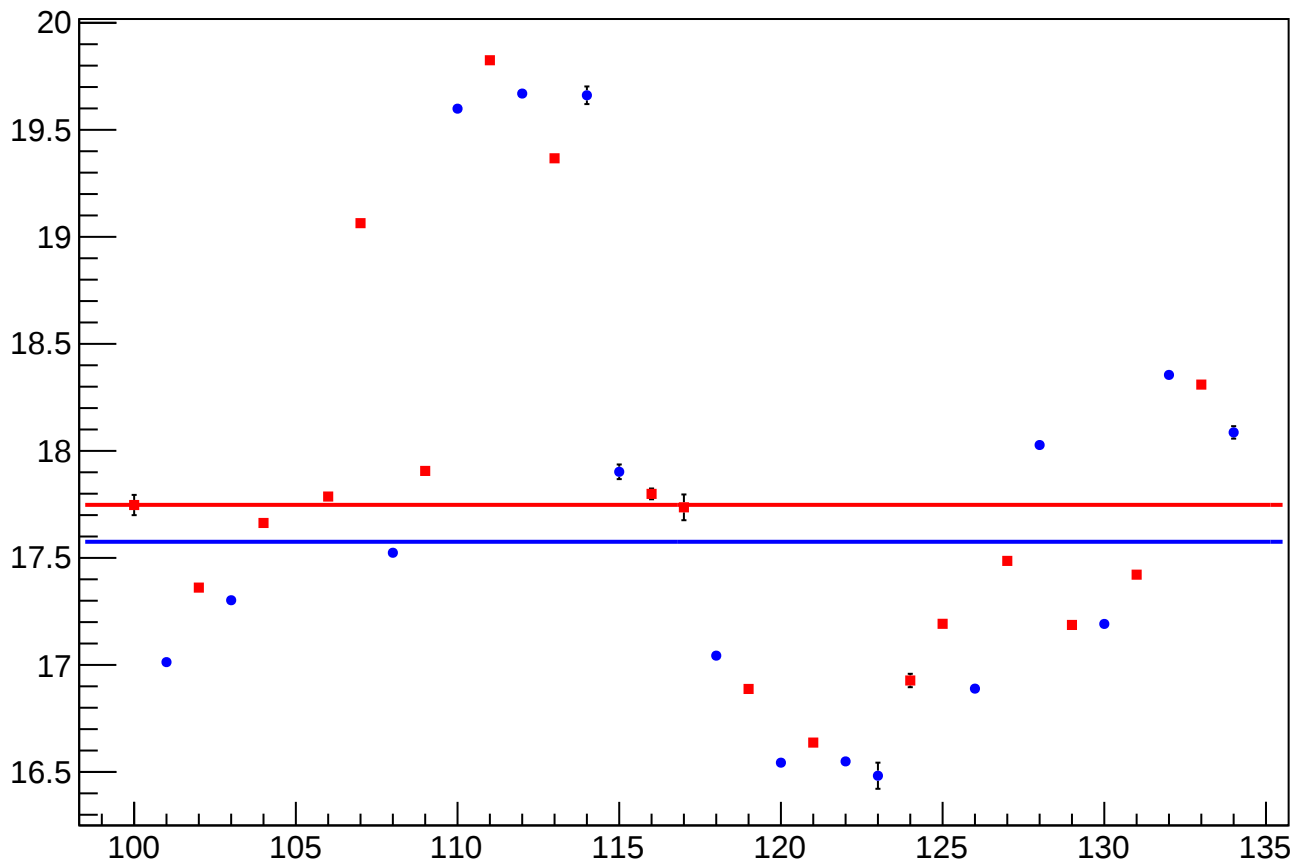
Right Out: 12.612+/-6.958 χ^2/NDF : 16.0/17

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

0.115+/-7.245 χ^2/NDF : 7.6/15

12.612+/-6.958 χ^2/NDF : 16.0/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.575+/-0.005 χ^2/NDF : 33856.3/15

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

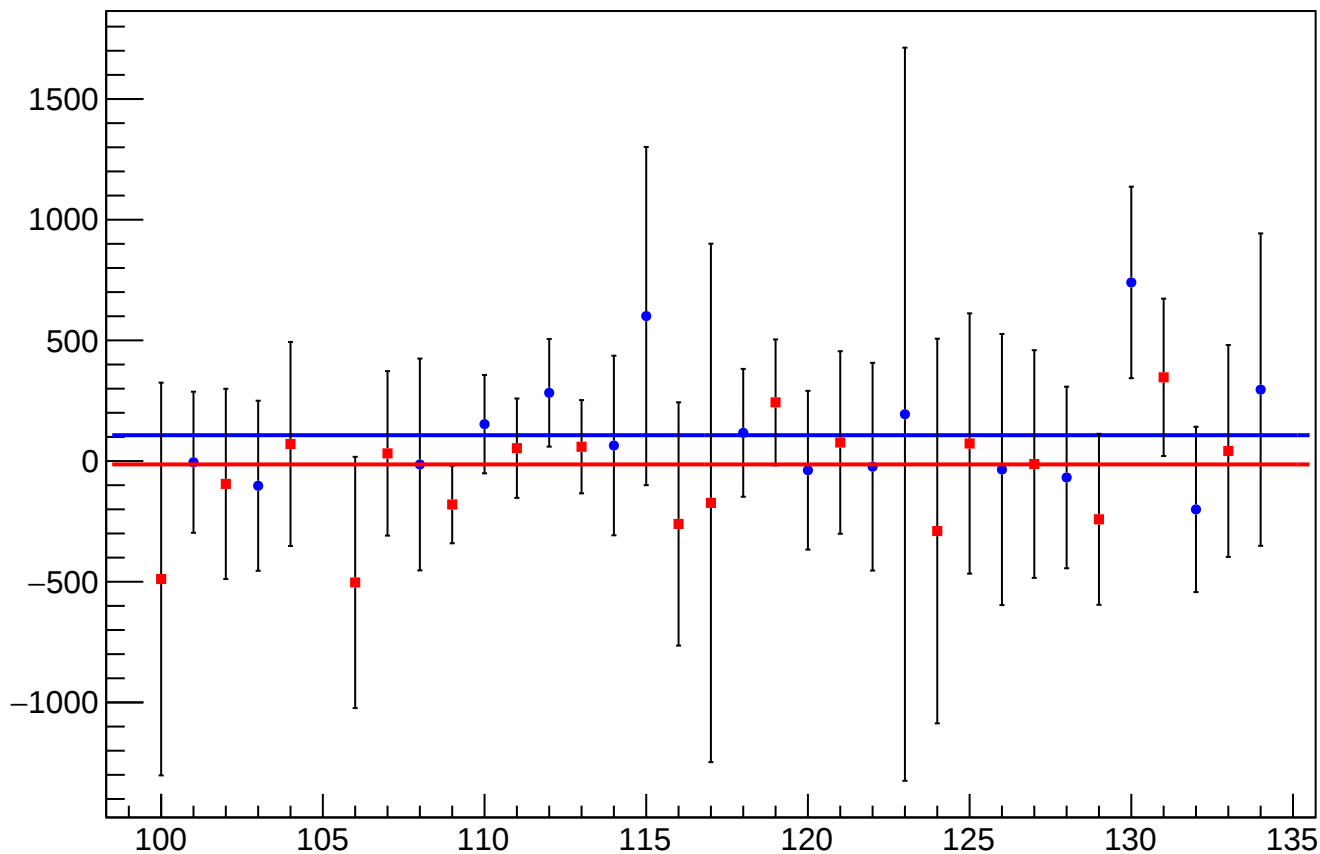
Right Out: 17.748+/-0.005 χ^2/NDF : 29468.3/17

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

17.575+/-0.005 χ^2/NDF : 33856.3/15

17.748+/-0.005 χ^2/NDF : 29468.3/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 107.150+/-85.991 χ^2 /NDF: 5.8/15

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

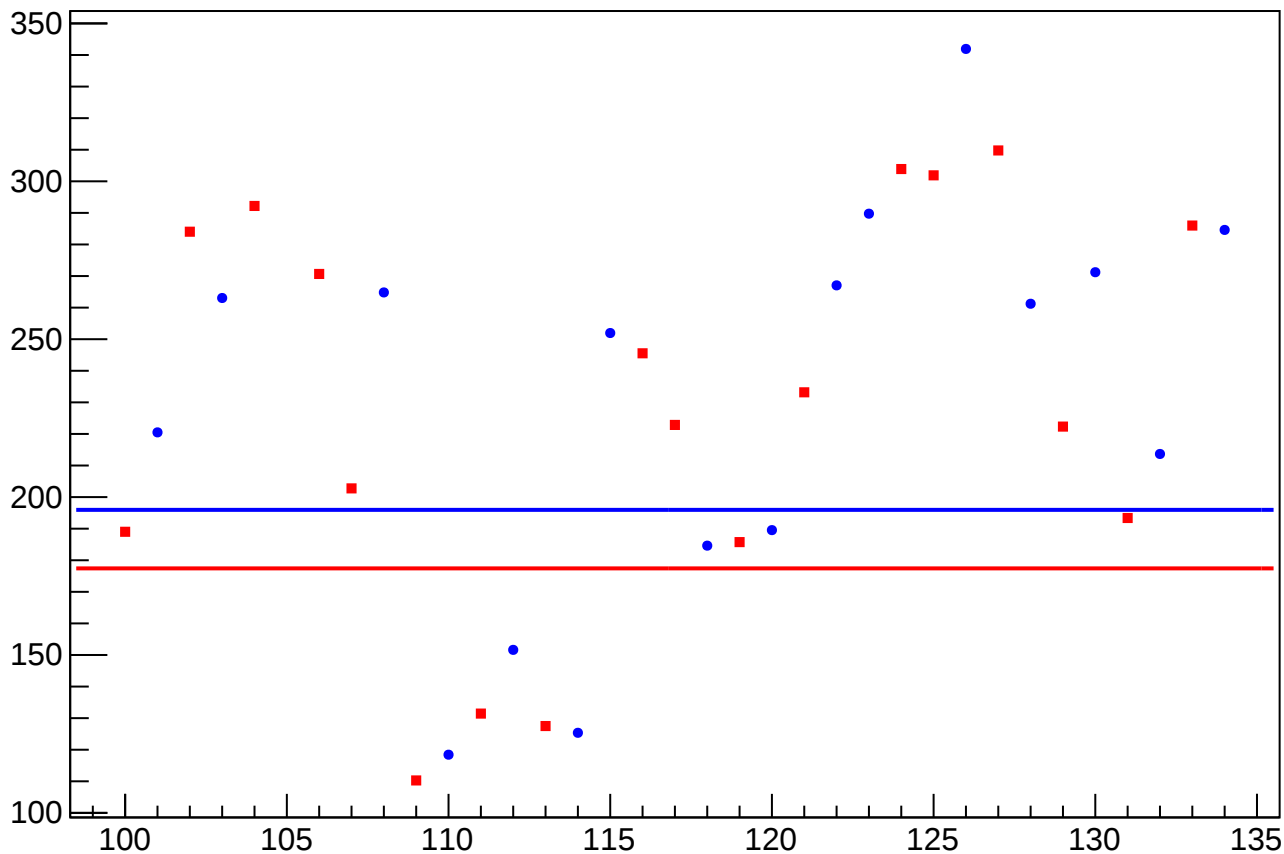
Right Out: -13.909+/-75.910 χ^2 /NDF: 5.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

107.150+/-85.991 χ^2 /NDF: 5.8/15

-13.909+/-75.910 χ^2 /NDF: 5.7/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 195.957 $\pm$ 0.061 χ^2 /NDF: 965834.0/15

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

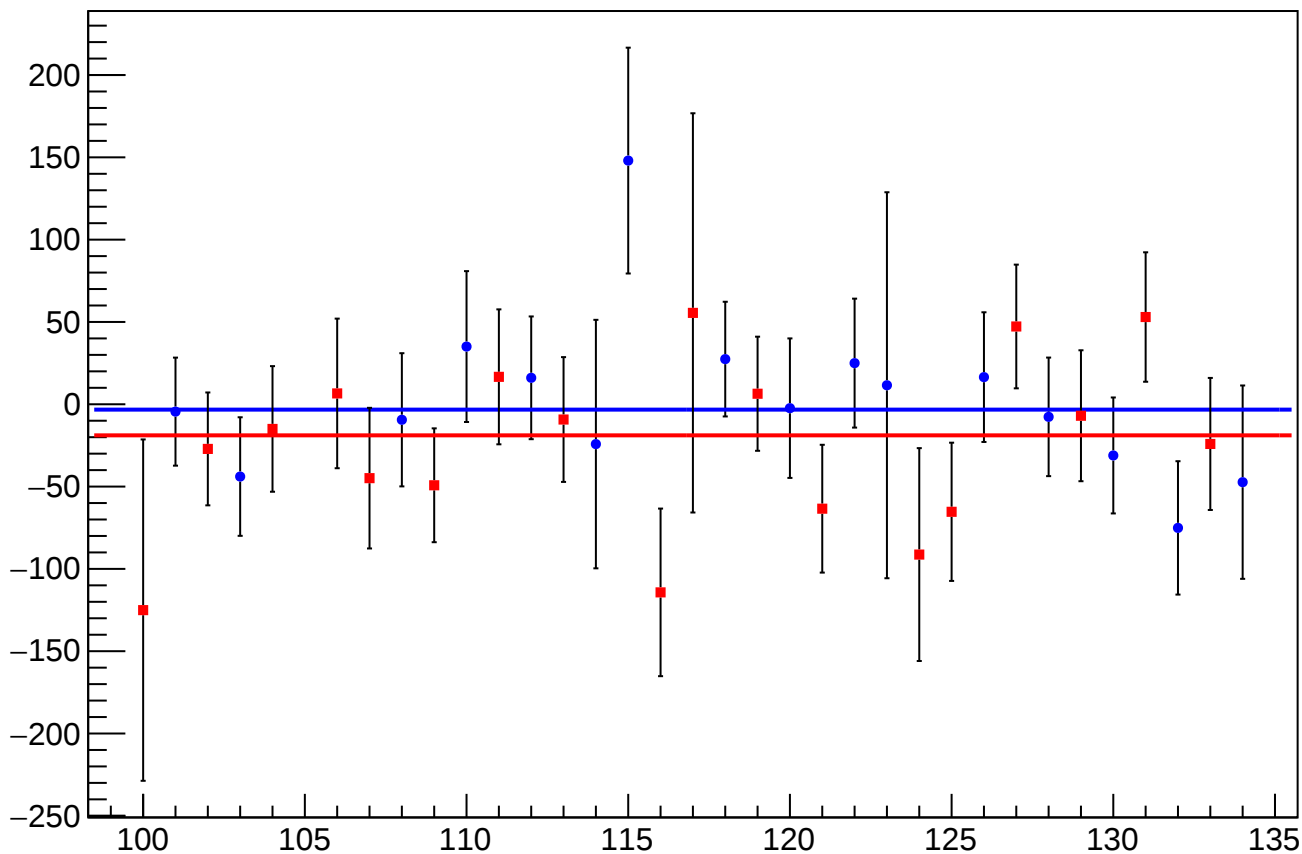
195.957 $\pm$ 0.061 χ^2 /NDF: 965834.0/15

Right Out: 177.423 $\pm$ 0.054 χ^2 /NDF: 1511468.1/17

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

177.423 $\pm$ 0.054 χ^2 /NDF: 1511468.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -3.254+/-10.471 χ^2/NDF : 13.1/15

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

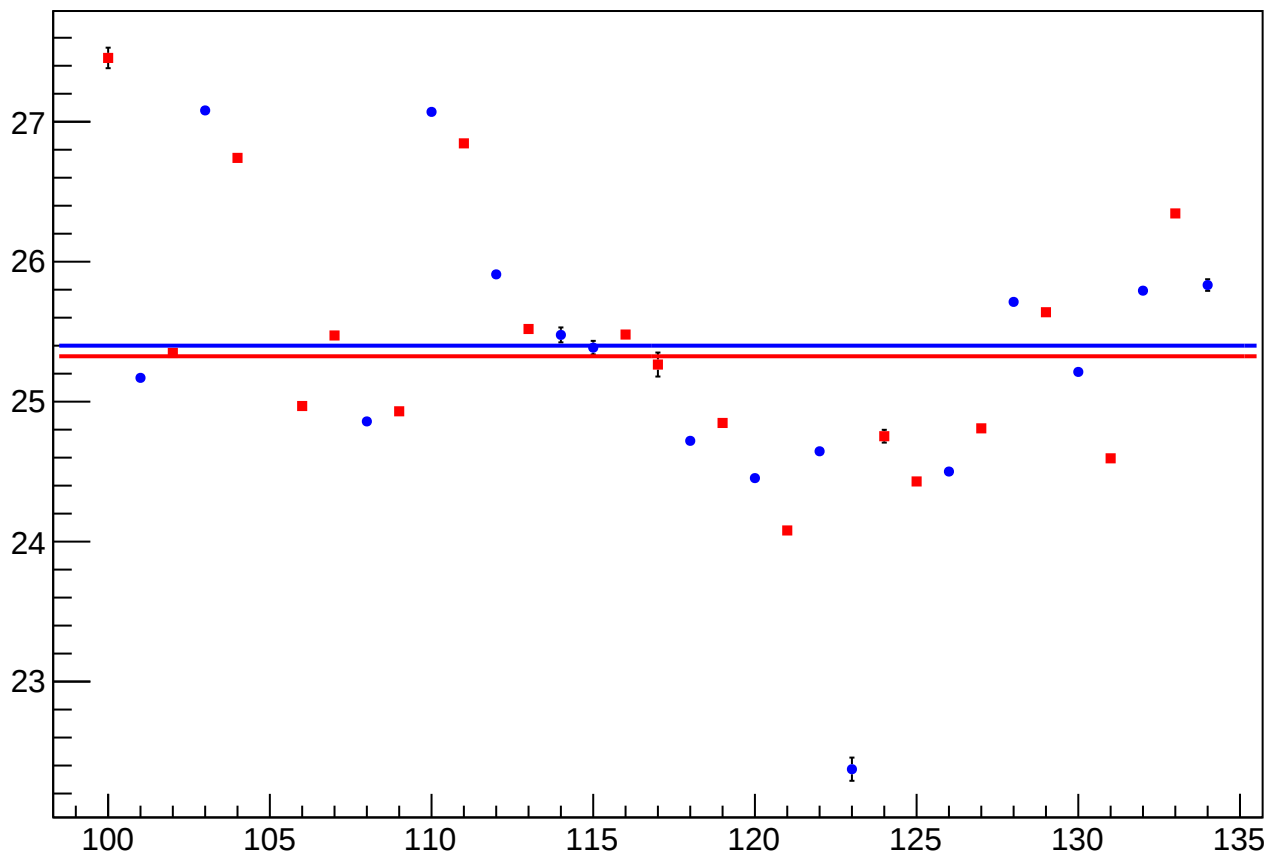
Right Out: -18.878+/-9.923 χ^2/NDF : 18.1/17

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

-3.254+/-10.471 χ^2/NDF : 13.1/15

-18.878+/-9.923 χ^2/NDF : 18.1/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.400+/-0.007 χ^2/NDF : 13227.4/15

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

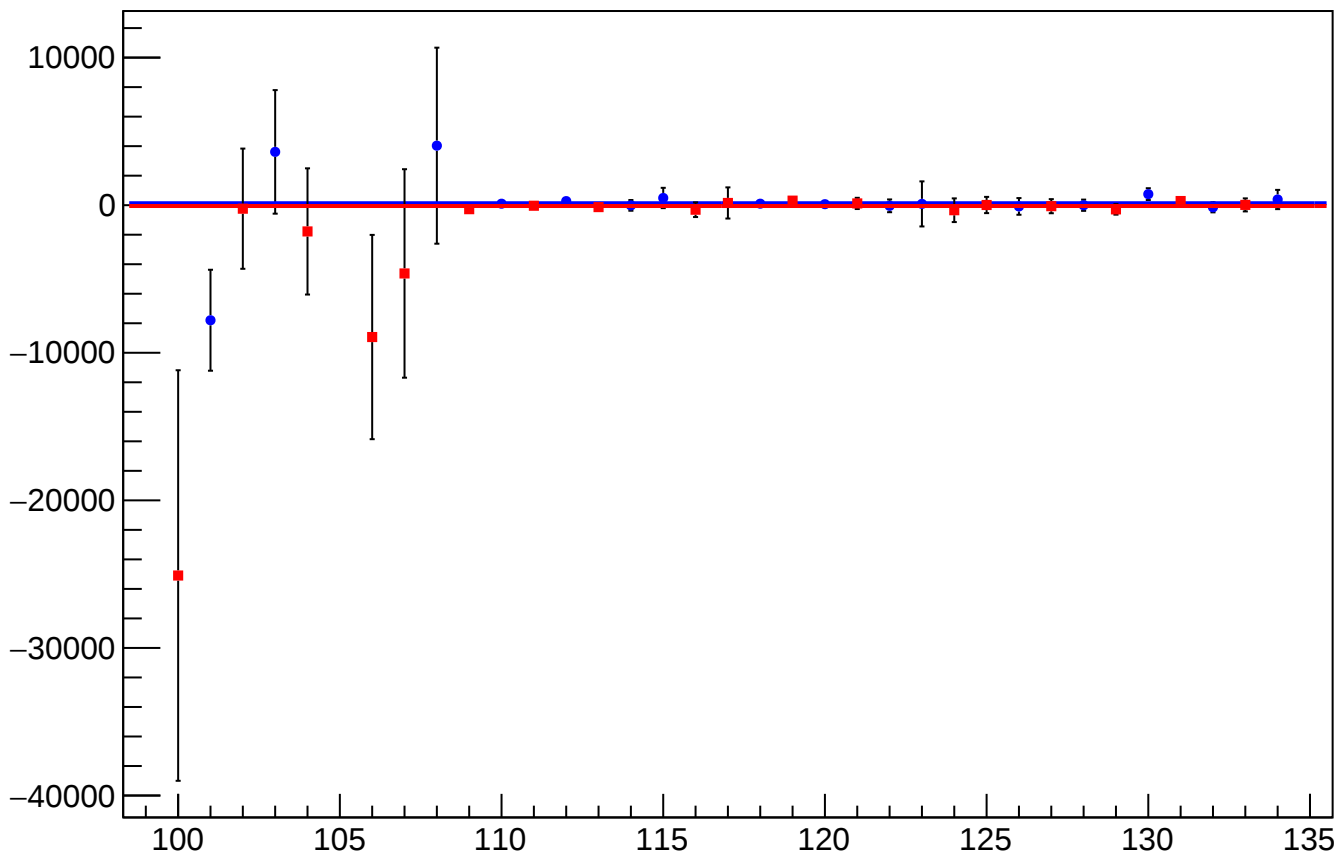
25.400+/-0.007 χ^2/NDF : 13227.4/15

Right Out: 25.324+/-0.007 χ^2/NDF : 12819.7/17

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

25.324+/-0.007 χ^2/NDF : 12819.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 132.218+/-94.896 χ^2 /NDF: 10.9/15

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

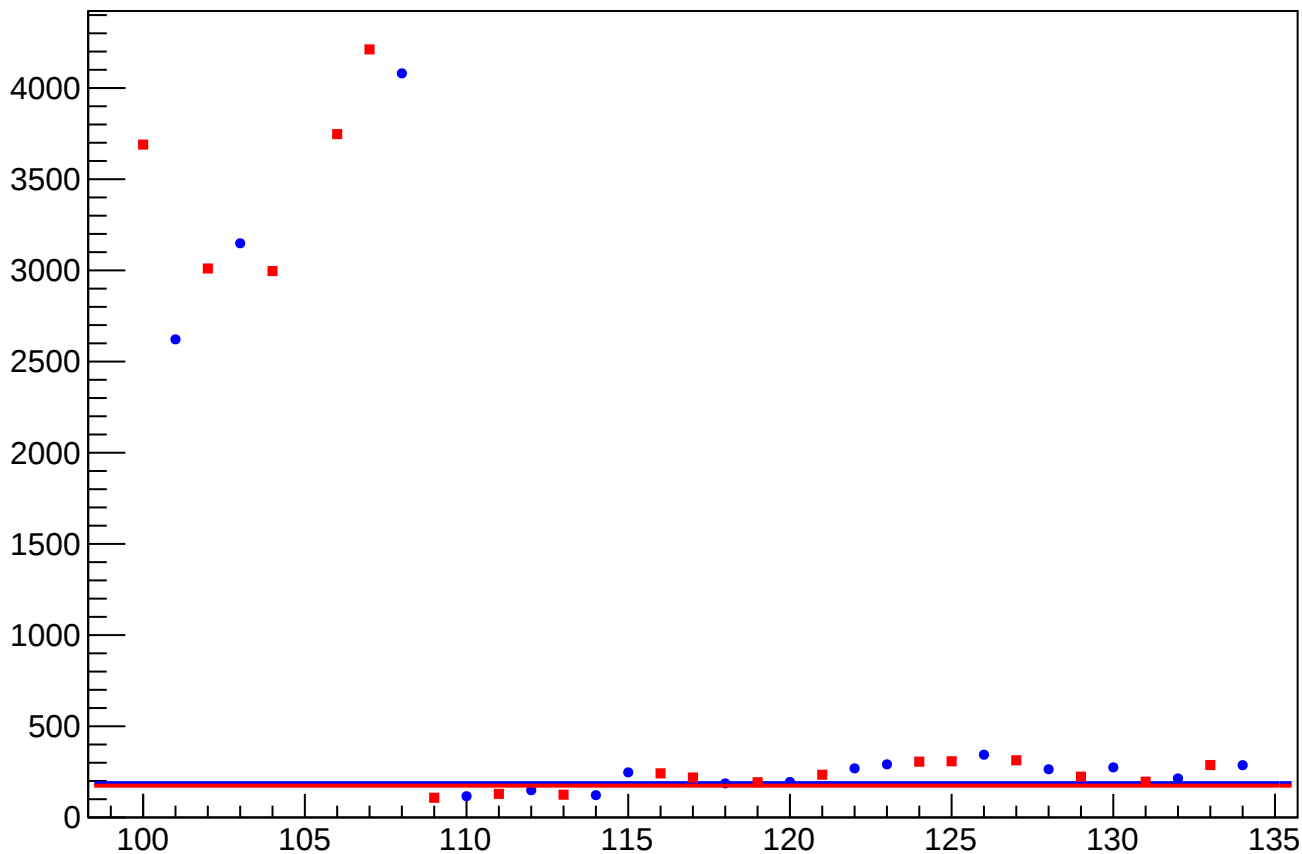
Right Out: -55.801+/-87.421 χ^2 /NDF: 10.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

132.218+/-94.896 χ^2 /NDF: 10.9/15

-55.801+/-87.421 χ^2 /NDF: 10.6/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 188.353+/-0.067 χ^2/NDF : 3559607.0/15

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

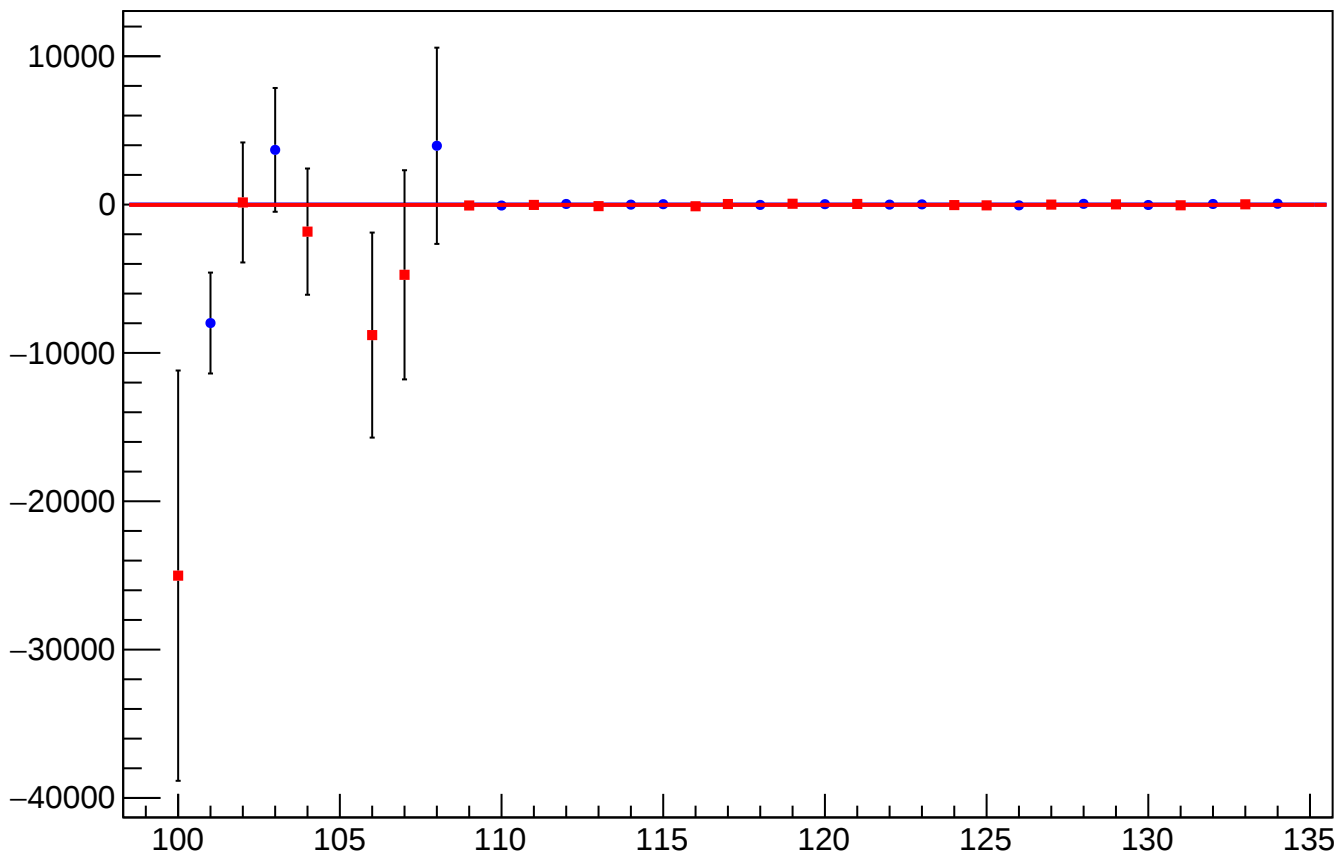
Right Out: 174.380+/-0.062 χ^2/NDF : 4199868.7/17

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

188.353+/-0.067 χ^2/NDF : 3559607.0/15

174.380+/-0.062 χ^2/NDF : 4199868.7/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 2.022+/-13.241 χ^2 /NDF: 15.6/15

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

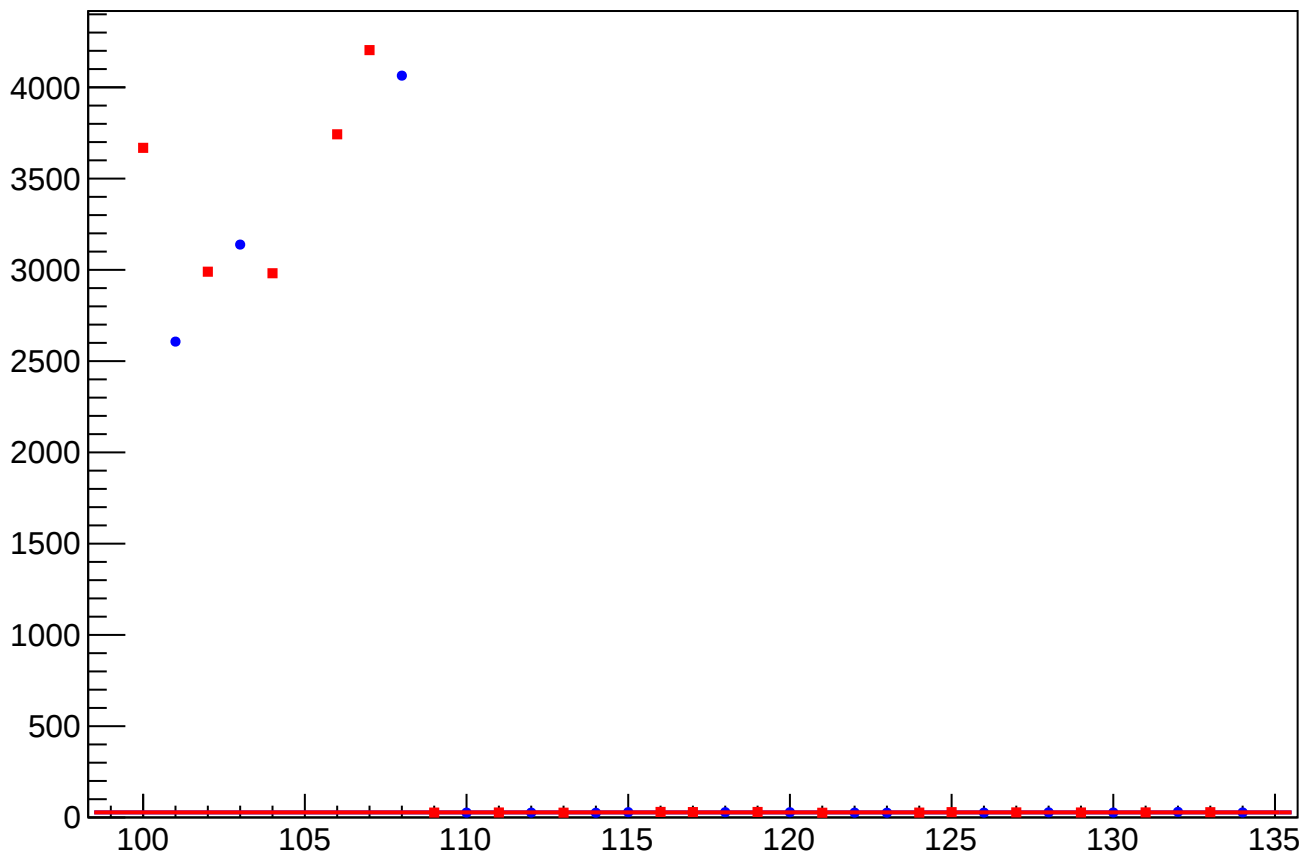
Right Out: -19.670+/-13.067 χ^2 /NDF: 21.5/17

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

2.022+/-13.241 χ^2 /NDF: 15.6/15

-19.670+/-13.067 χ^2 /NDF: 21.5/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.711+/-0.009 χ^2 /NDF: 3025712.6/15

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

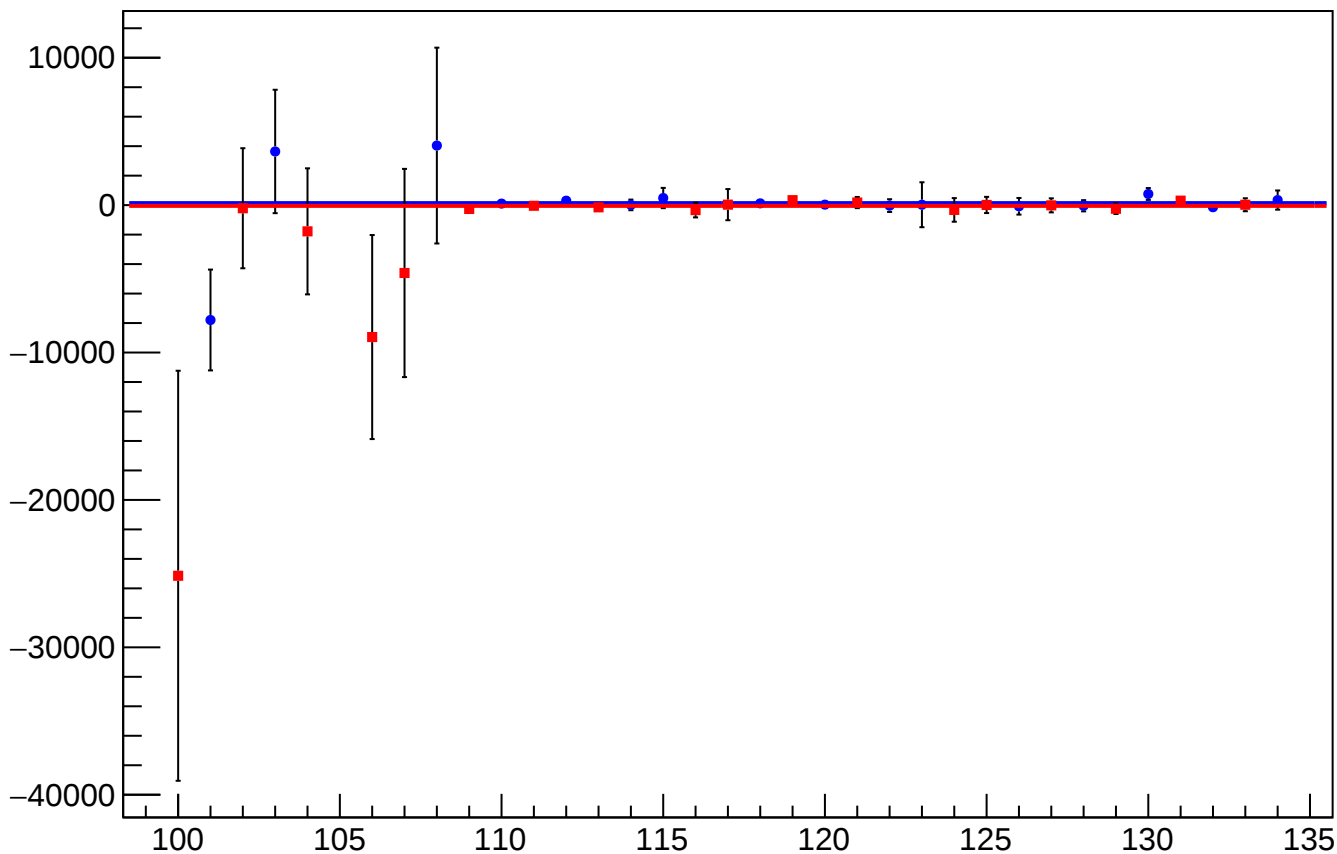
Right Out: 27.736+/-0.009 χ^2 /NDF: 3476886.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.711+/-0.009 χ^2 /NDF: 3025712.6/15

27.736+/-0.009 χ^2 /NDF: 3476886.9/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 136.835 $\pm$ 94.593 χ^2 /NDF: 11.1/15

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

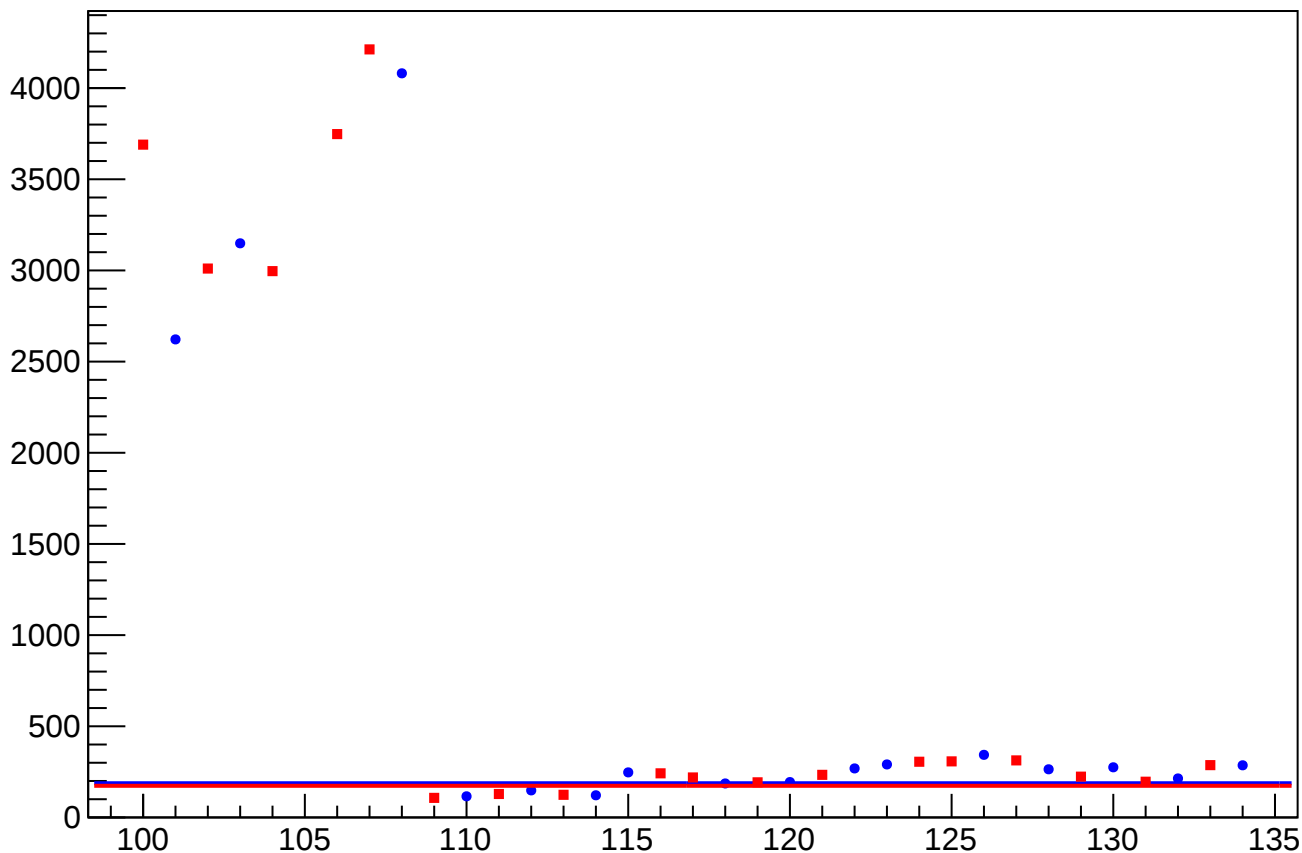
Right Out: -49.938 $\pm$ 87.107 χ^2 /NDF: 11.1/17

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

136.835 $\pm$ 94.593 χ^2 /NDF: 11.1/15

-49.938 $\pm$ 87.107 χ^2 /NDF: 11.1/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 187.621+/-0.067 χ^2/NDF : 3571105.3/15

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

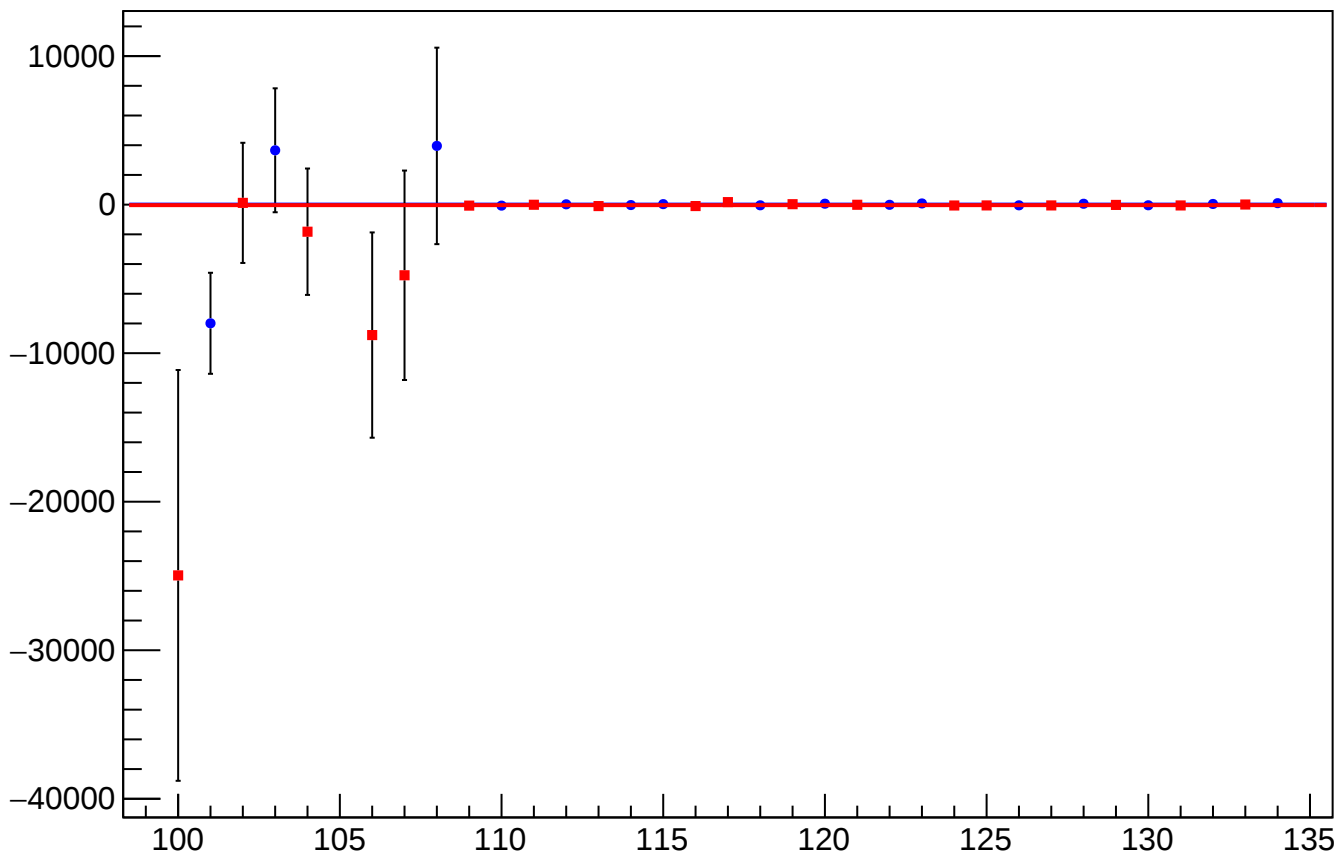
Right Out: 173.623+/-0.062 χ^2/NDF : 4211669.2/17

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

187.621+/-0.067 χ^2/NDF : 3571105.3/15

173.623+/-0.062 χ^2/NDF : 4211669.2/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 1.126+/-13.331 χ^2/NDF : 20.6/15

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

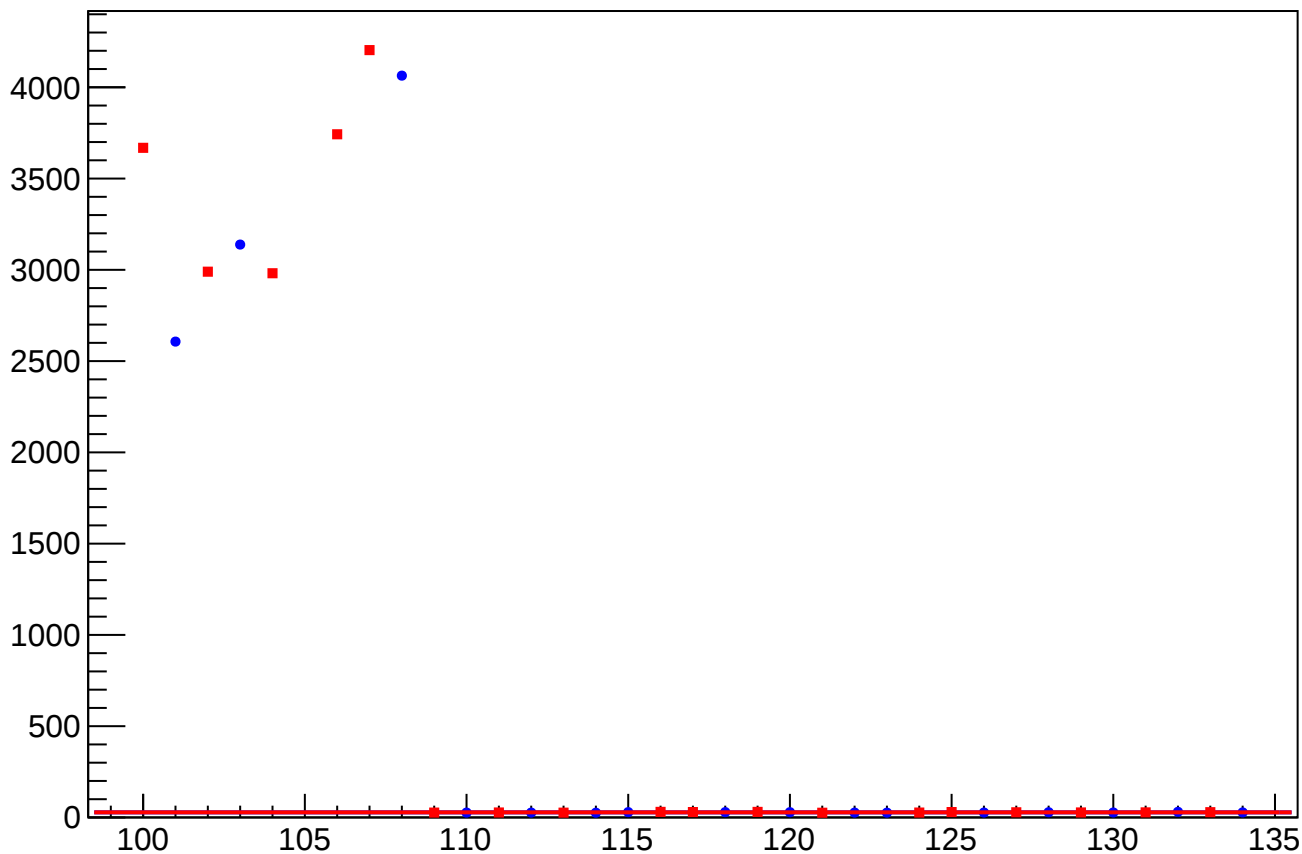
Right Out: -33.688+/-13.183 χ^2/NDF : 16.3/17

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

1.126+/-13.331 χ^2/NDF : 20.6/15

-33.688+/-13.183 χ^2/NDF : 16.3/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.896+/-0.009 χ^2/NDF : 3025810.5/15

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

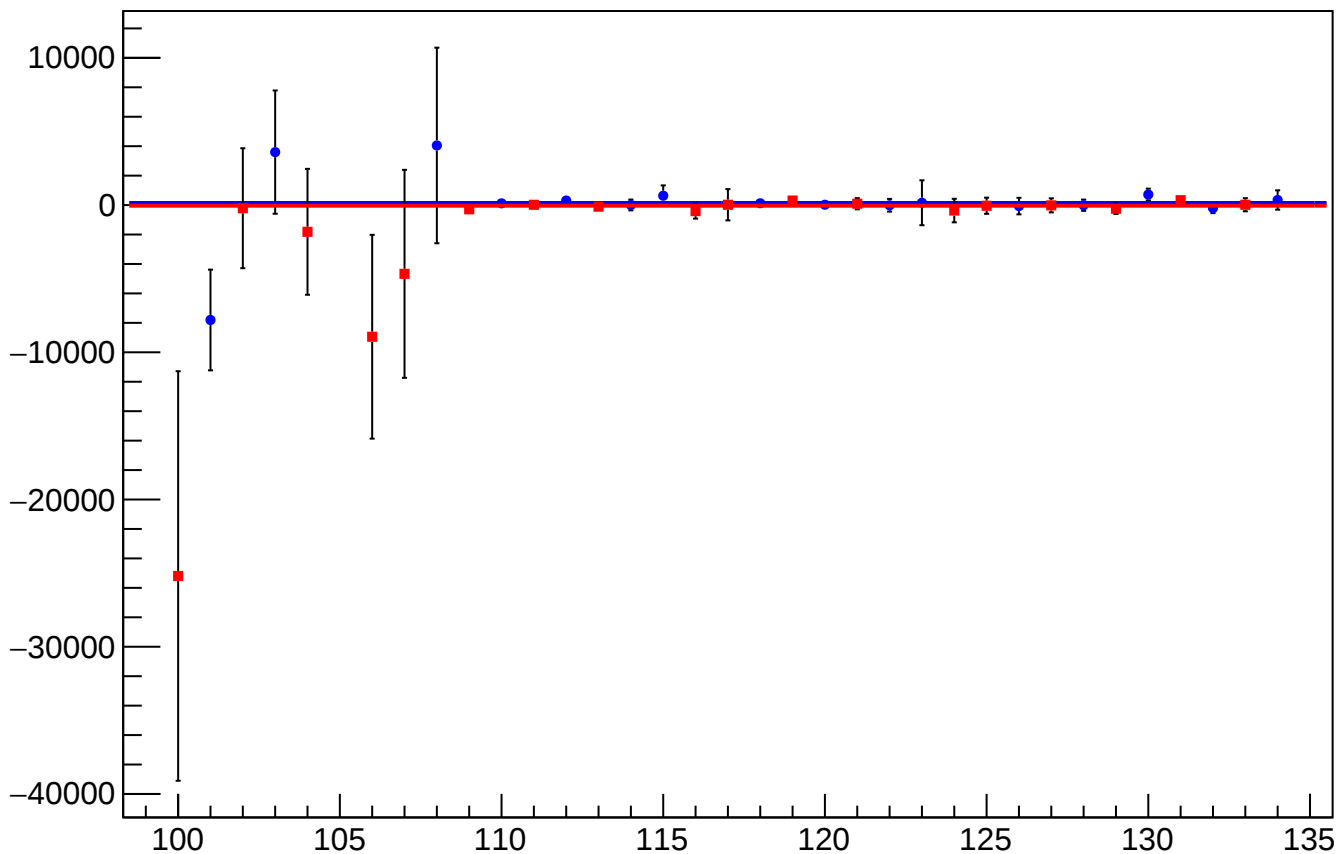
Right Out: 27.978+/-0.009 χ^2/NDF : 3479507.7/17

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

27.896+/-0.009 χ^2/NDF : 3025810.5/15

27.978+/-0.009 χ^2/NDF : 3479507.7/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 139.818+/-95.682 χ^2/NDF : 11.3/15

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

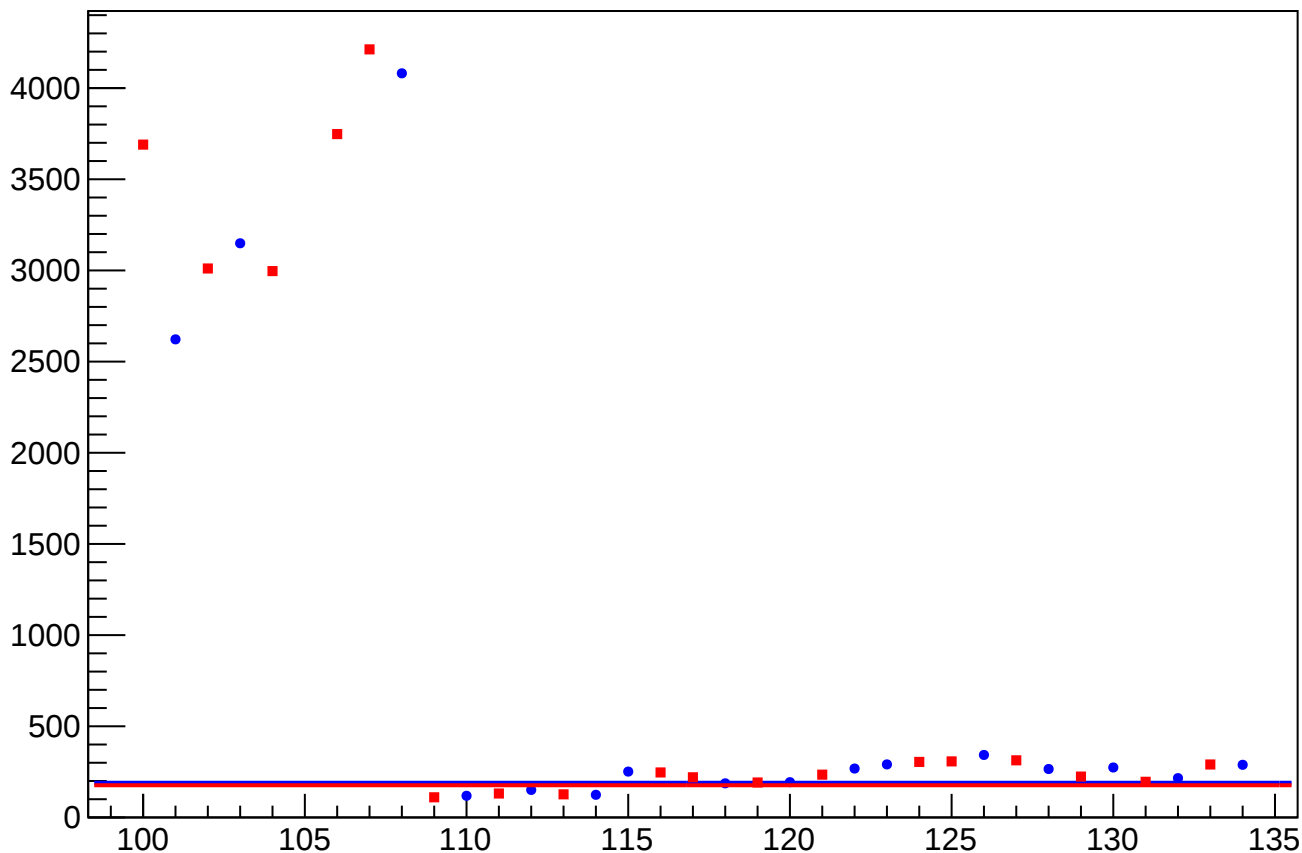
Right Out: -41.003+/-88.262 χ^2/NDF : 11.2/17

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

139.818+/-95.682 χ^2/NDF : 11.3/15

-41.003+/-88.262 χ^2/NDF : 11.2/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 190.316+/-0.068 χ^2/NDF : 3523818.7/15

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

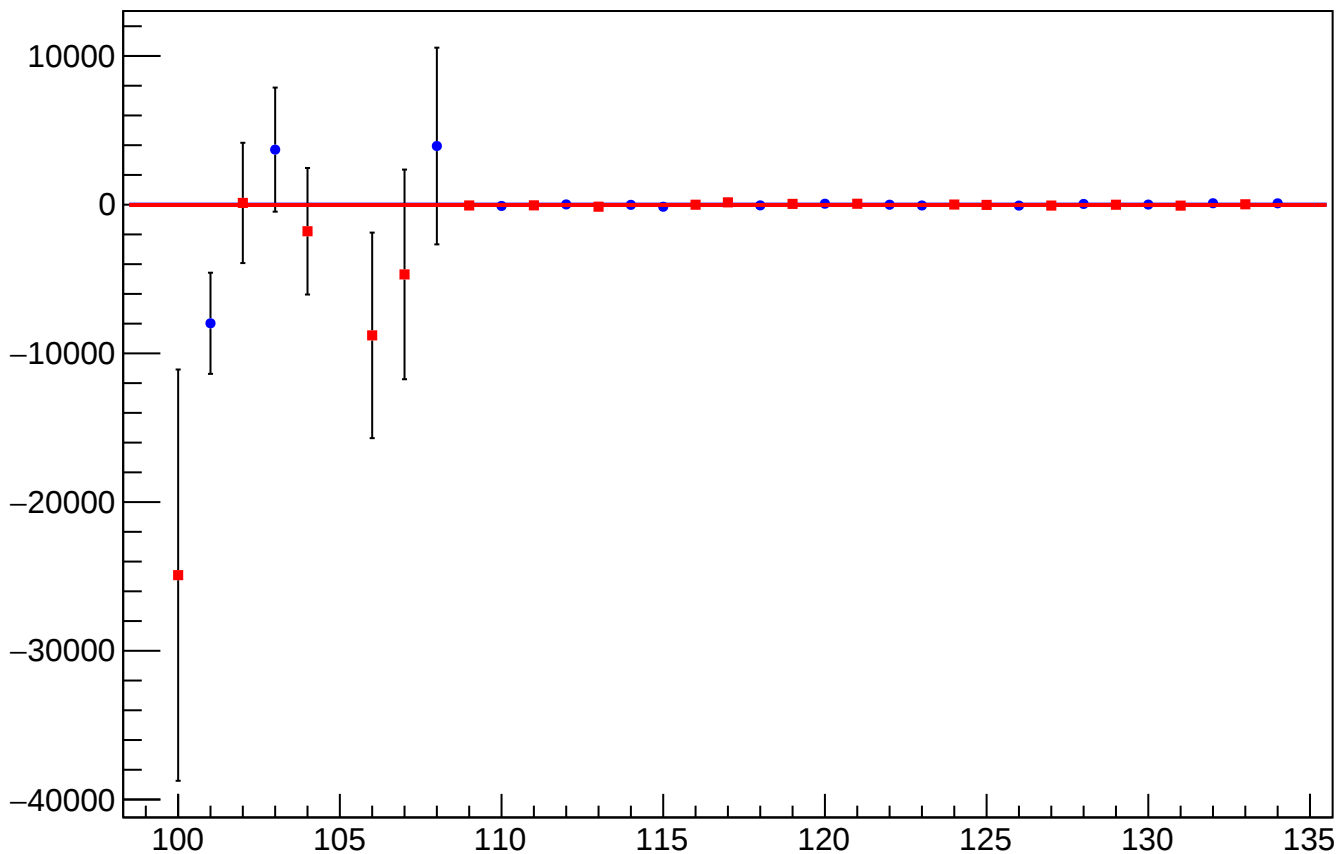
Right Out: 176.575+/-0.062 χ^2/NDF : 4158115.9/17

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

190.316+/-0.068 χ^2/NDF : 3523818.7/15

176.575+/-0.062 χ^2/NDF : 4158115.9/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 1.195+/-16.232 χ^2 /NDF: 20.1/15

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

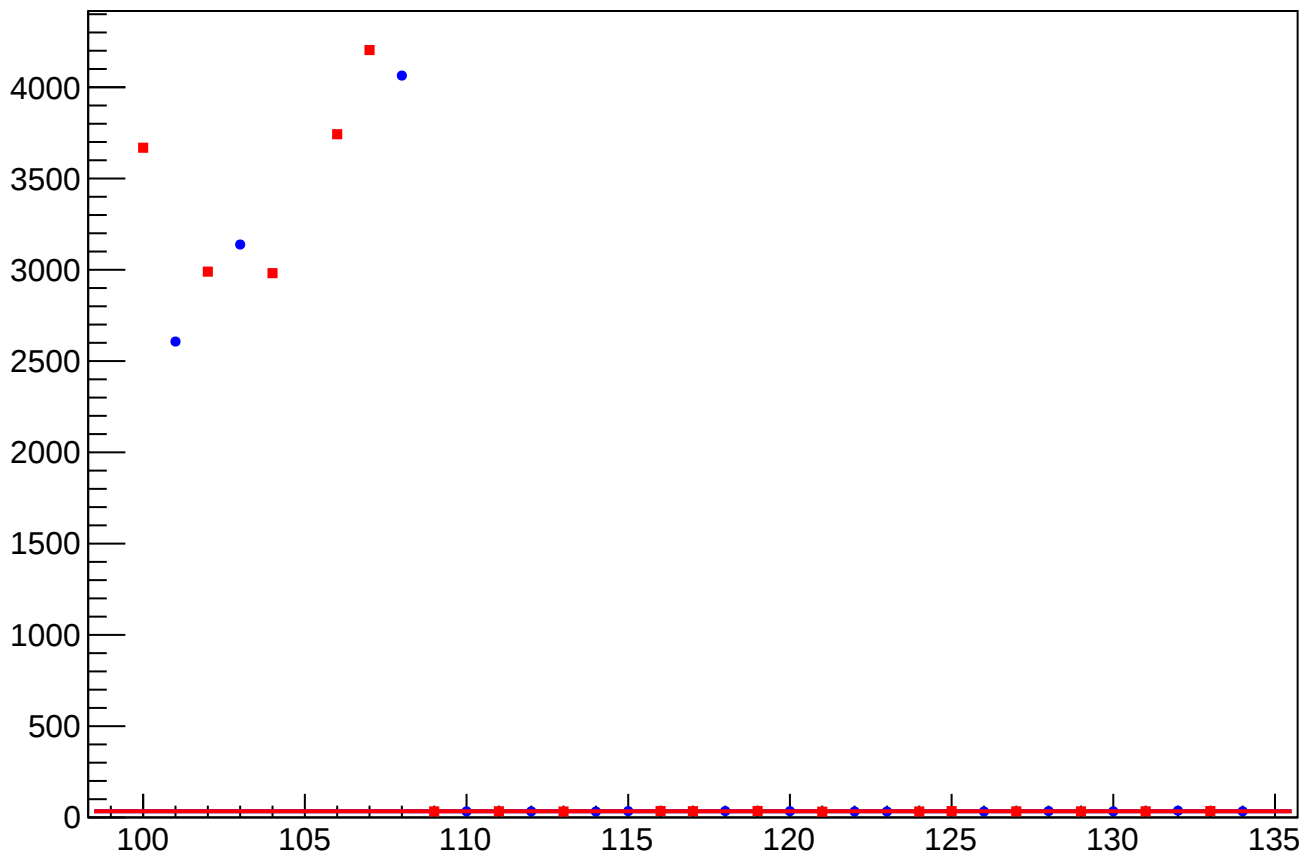
Right Out: -19.885+/-15.929 χ^2 /NDF: 20.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.195+/-16.232 χ^2 /NDF: 20.1/15

-19.885+/-15.929 χ^2 /NDF: 20.0/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.998 $\pm$ 0.011 χ^2 /NDF: 3005293.0/15

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

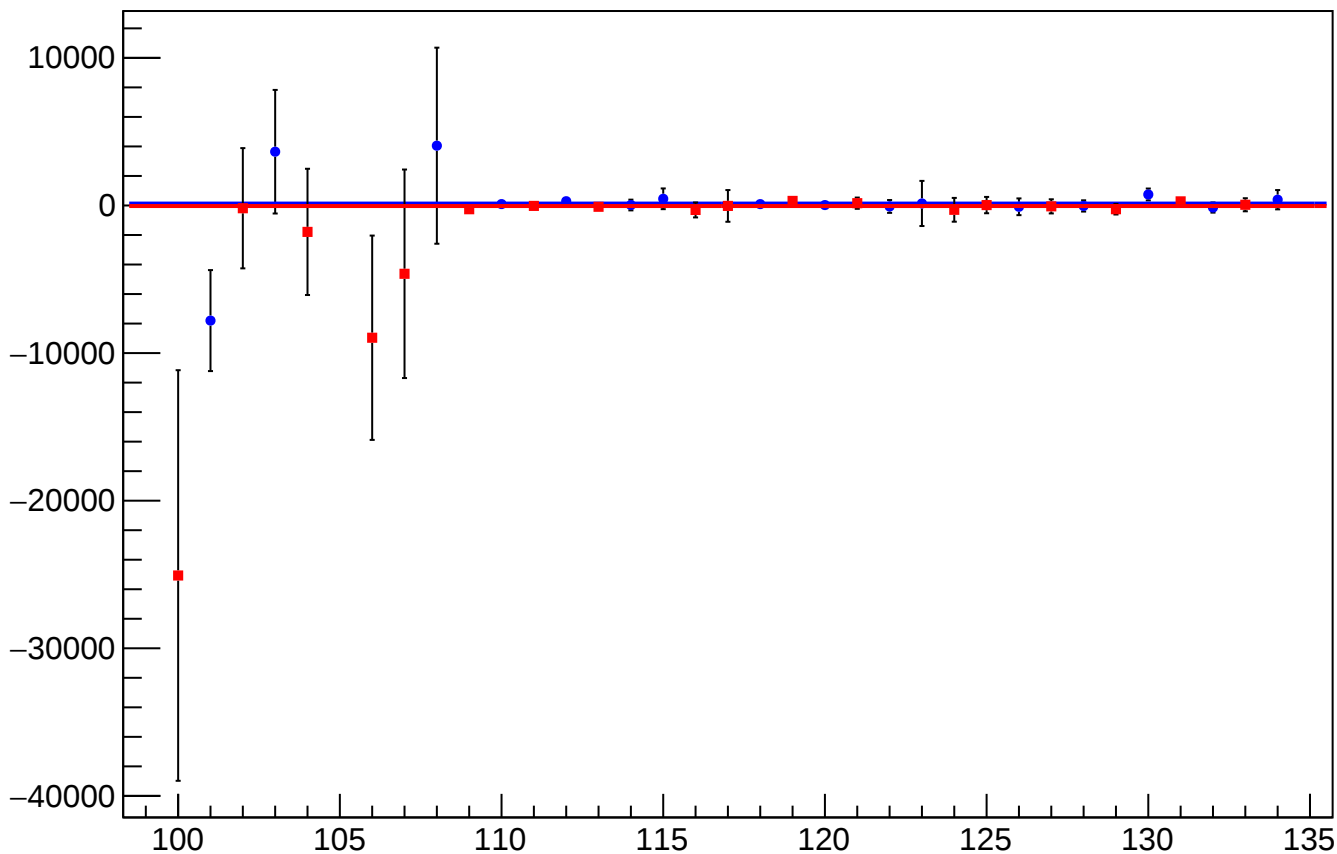
Right Out: 33.877 $\pm$ 0.011 χ^2 /NDF: 3451715.0/17

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

33.998 $\pm$ 0.011 χ^2 /NDF: 3005293.0/15

33.877 $\pm$ 0.011 χ^2 /NDF: 3451715.0/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 128.997+/-95.242 χ^2/NDF : 11.0/15

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

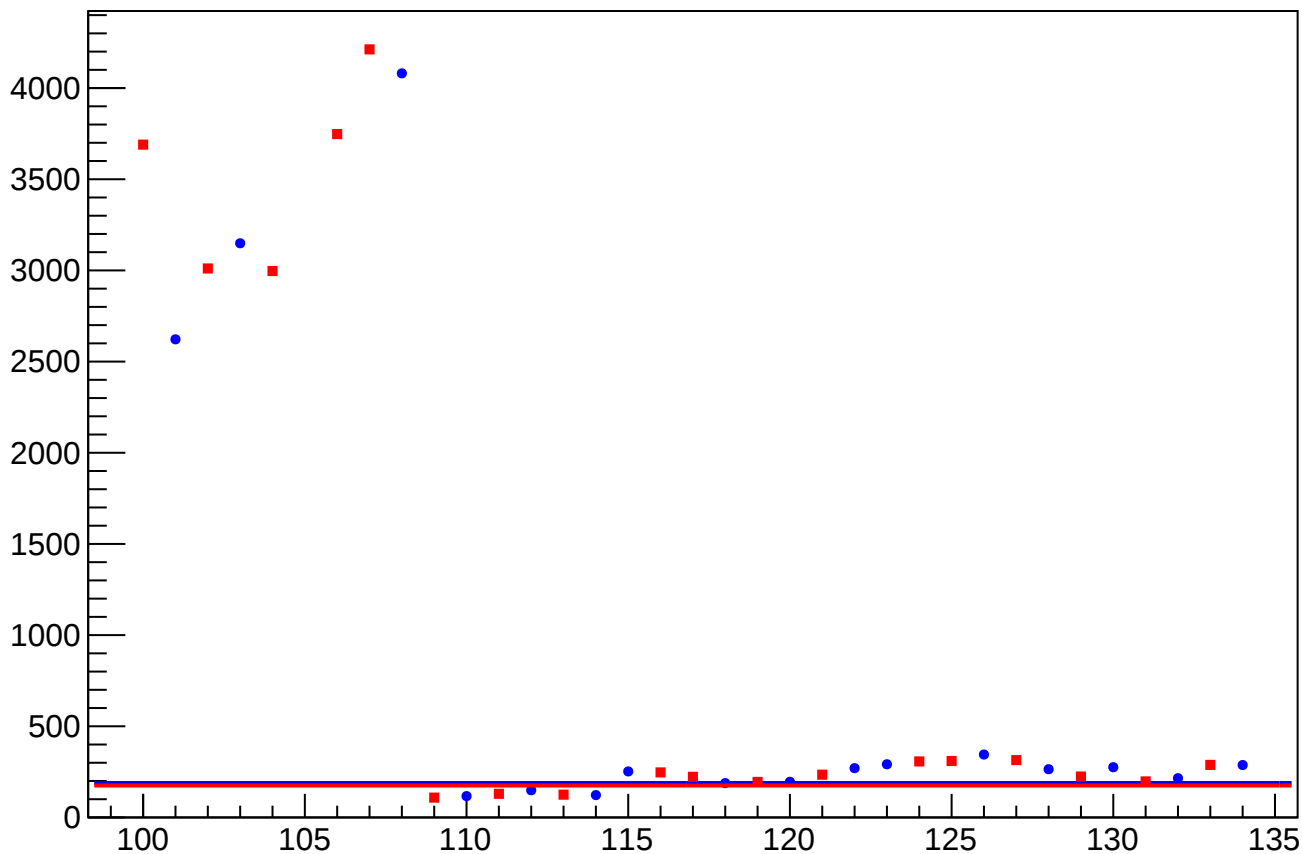
Right Out: -37.696+/-87.793 χ^2/NDF : 10.1/17

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

128.997+/-95.242 χ^2/NDF : 11.0/15

-37.696+/-87.793 χ^2/NDF : 10.1/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 189.036+/-0.067 χ^2/NDF : 3560950.9/15

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

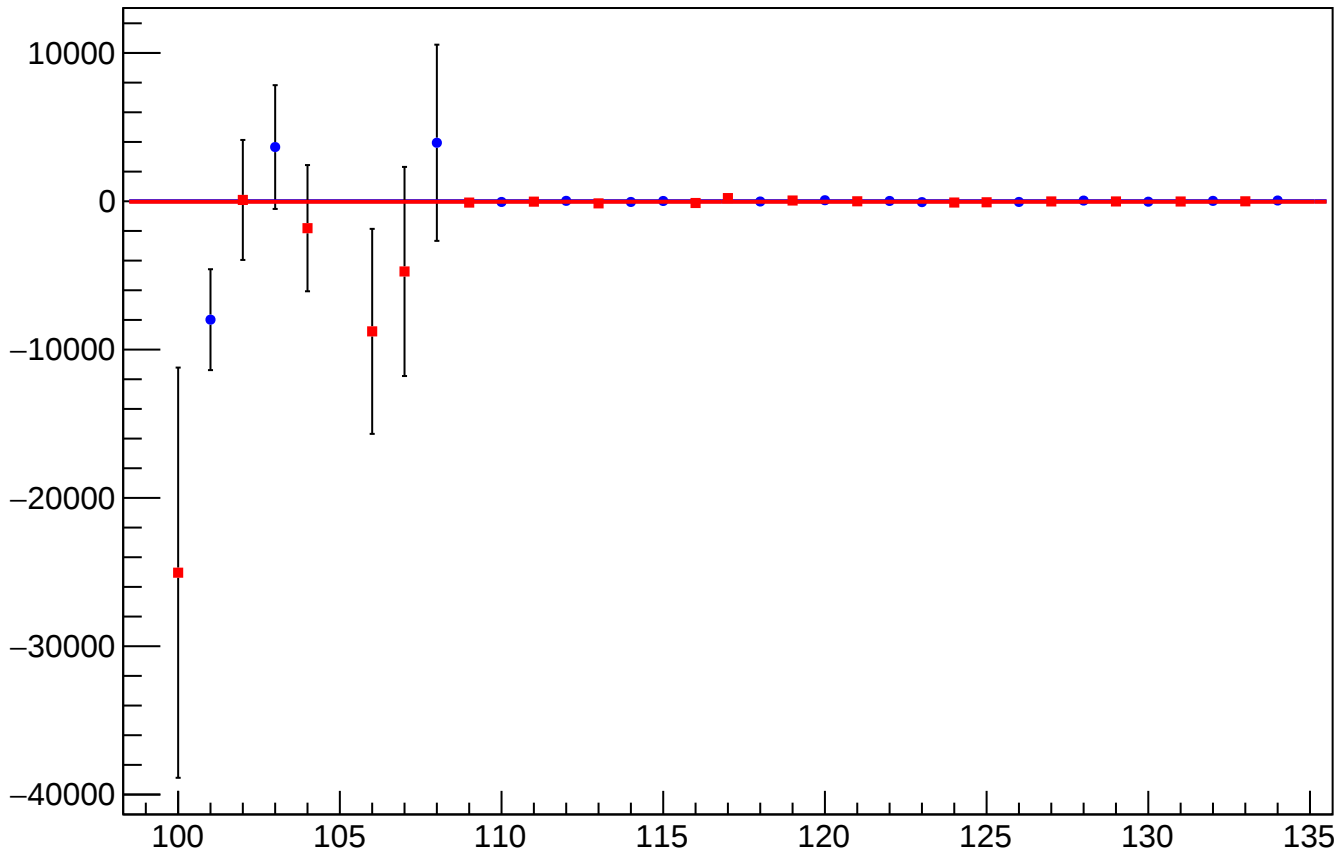
Right Out: 175.122+/-0.062 χ^2/NDF : 4204144.0/17

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

189.036+/-0.067 χ^2/NDF : 3560950.9/15

175.122+/-0.062 χ^2/NDF : 4204144.0/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 6.299+/-14.804 χ^2 /NDF: 13.4/15

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

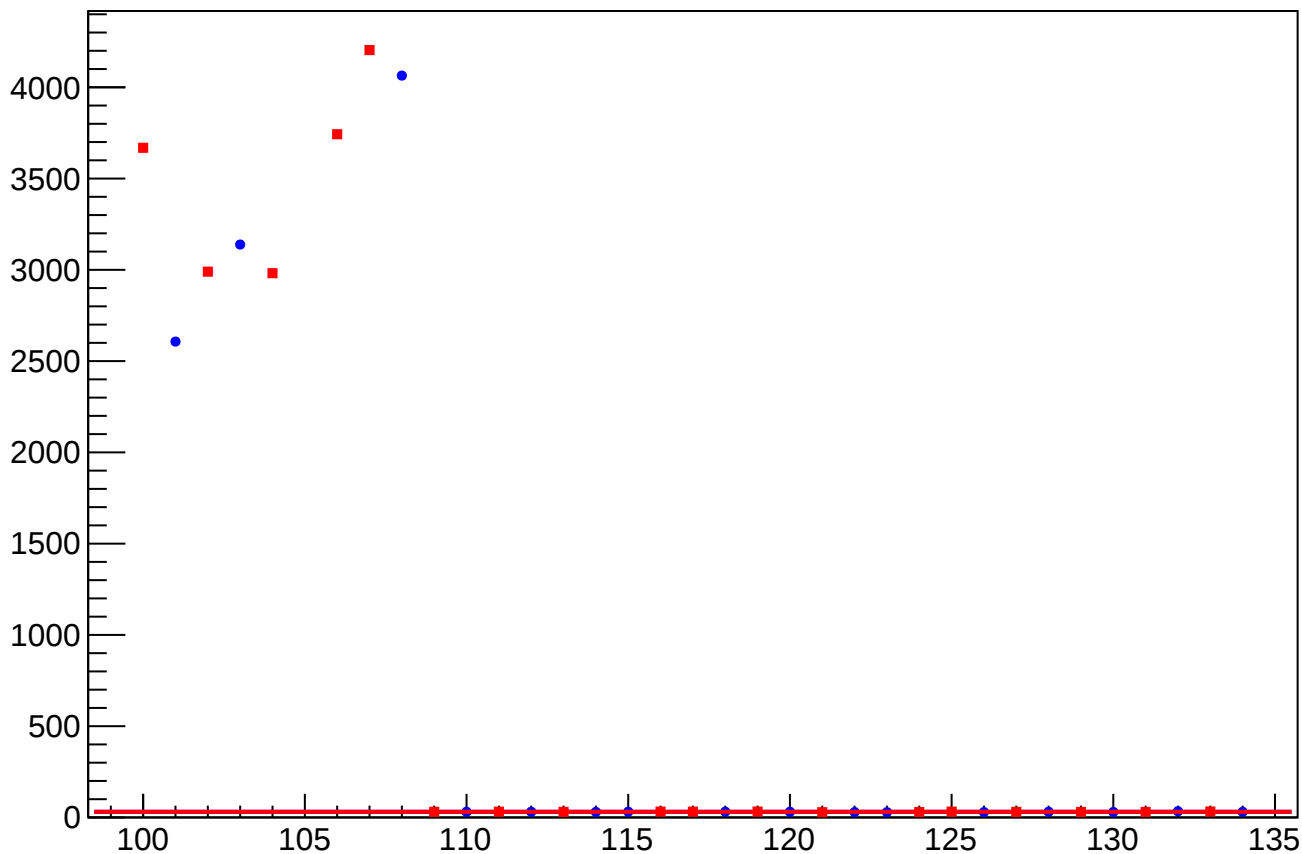
Right Out: -32.407+/-14.593 χ^2 /NDF: 22.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

6.299+/-14.804 χ^2 /NDF: 13.4/15

-32.407+/-14.593 χ^2 /NDF: 22.2/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.012+/-0.010 χ^2/NDF : 3013647.3/15

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

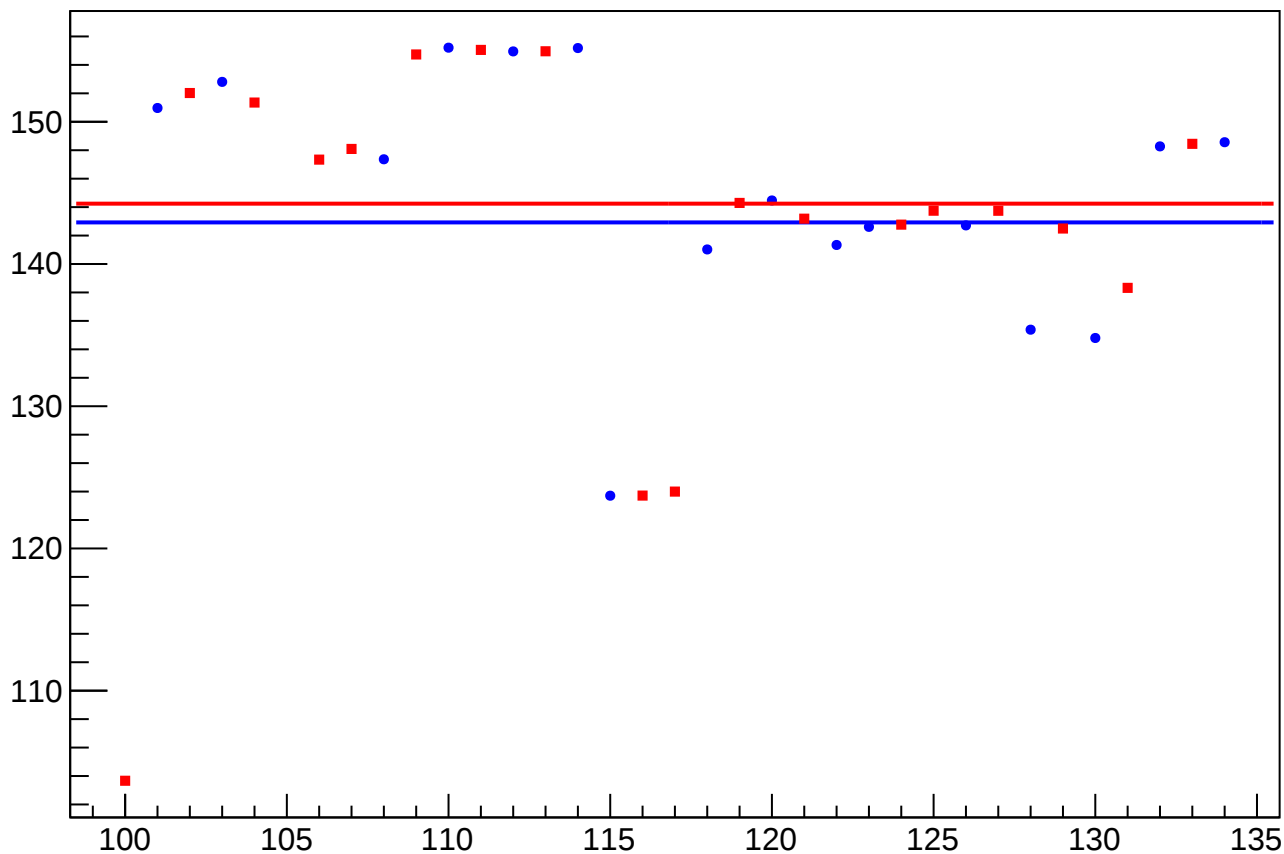
Right Out: 31.016+/-0.010 χ^2/NDF : 3458808.6/17

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

31.012+/-0.010 χ^2/NDF : 3013647.3/15

31.016+/-0.010 χ^2/NDF : 3458808.6/17

yield_bcm_an_ds_mean vs Slug



Right In: 142.924 $\pm$ 0.000 χ^2 /NDF: 3275825097.1/15

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

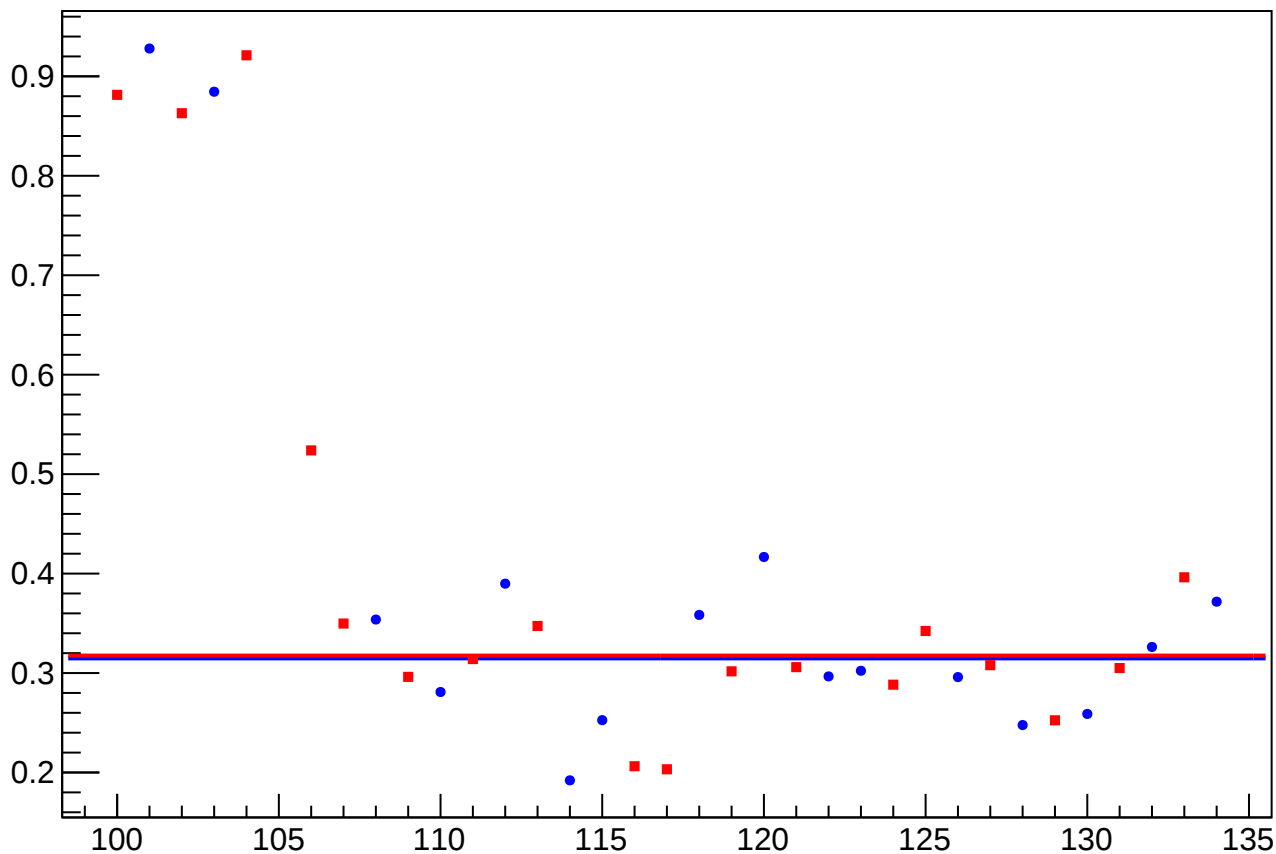
Right Out: 144.243 $\pm$ 0.000 χ^2 /NDF: 4470850171.8/17

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

142.924 $\pm$ 0.000 χ^2 /NDF: 3275825097.1/15

144.243 $\pm$ 0.000 χ^2 /NDF: 4470850171.8/17

yield_bcm_an_ds_rms vs Slug



Right In: 0.315+/-0.000 χ^2/NDF : 1275487.1/15

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

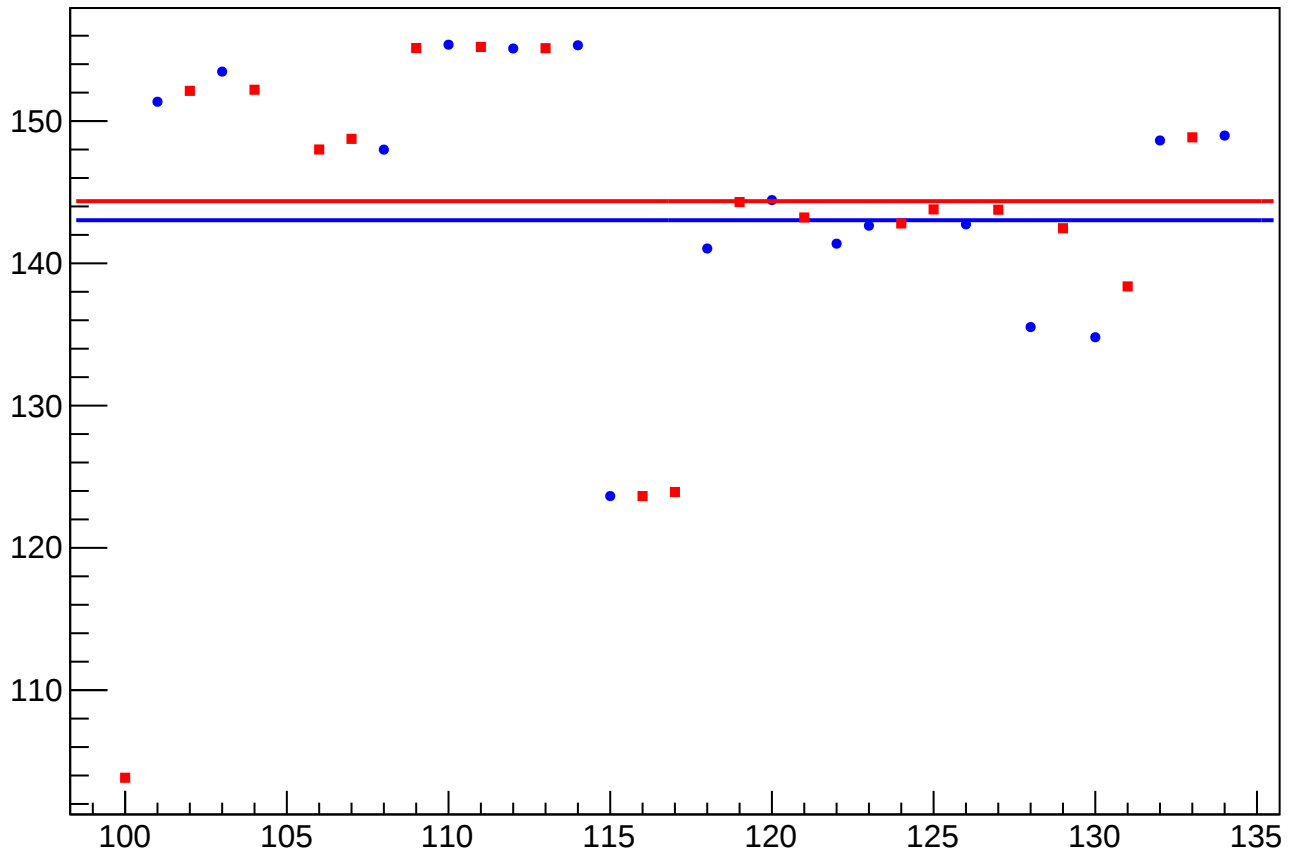
Right Out: 0.318+/-0.000 χ^2/NDF : 1226766.3/17

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

0.315+/-0.000 χ^2/NDF : 1275487.1/15

0.318+/-0.000 χ^2/NDF : 1226766.3/17

yield_bcm_an_ds3_mean vs Slug



Right In: 143.031+/-0.000 χ^2/NDF : 3303800250.7/15

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

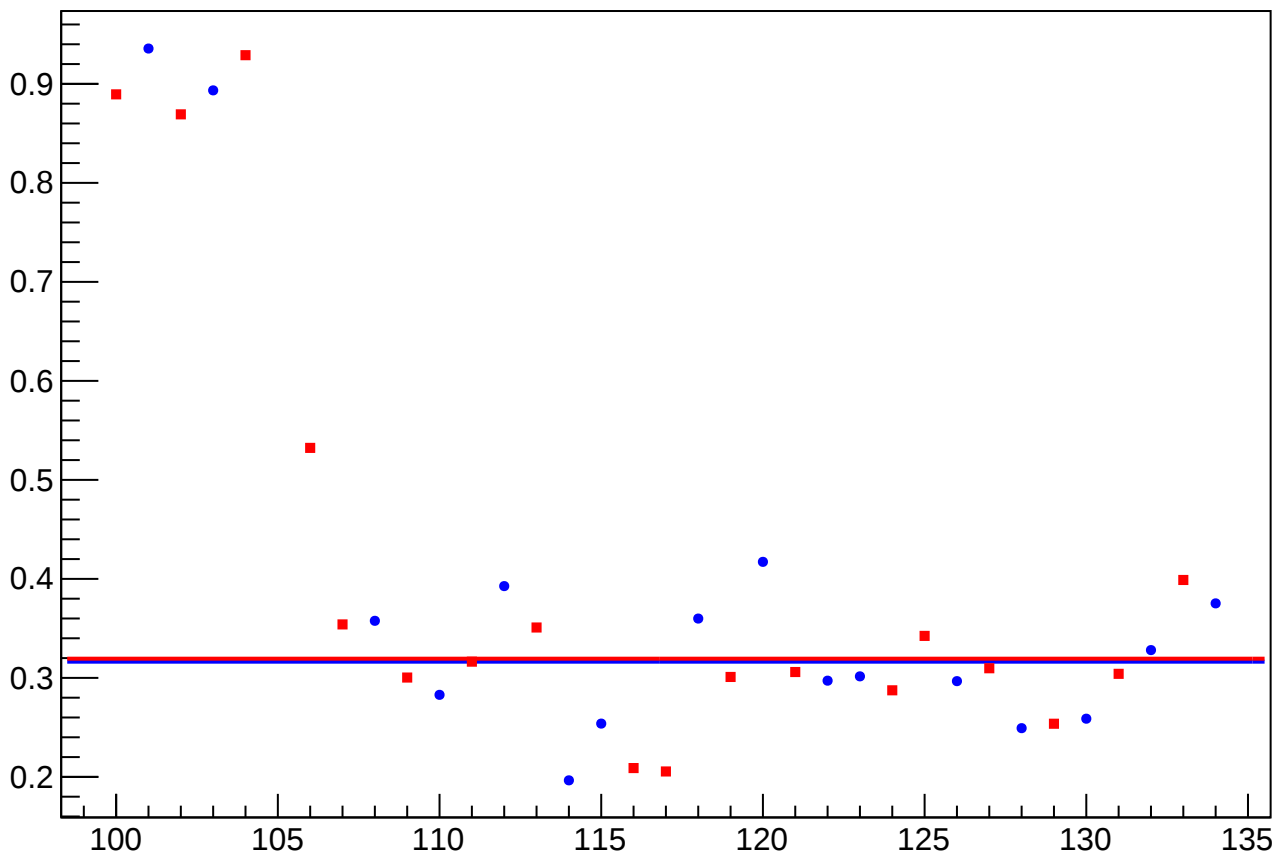
Right Out: 144.371+/-0.000 χ^2/NDF : 4499309469.4/17

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

143.031+/-0.000 χ^2/NDF : 3303800250.7/15

144.371+/-0.000 χ^2/NDF : 4499309469.4/17

yield_bcm_an_ds3_rms vs Slug



Right In: 0.316+/-0.000 χ^2/NDF : 1277206.0/15

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

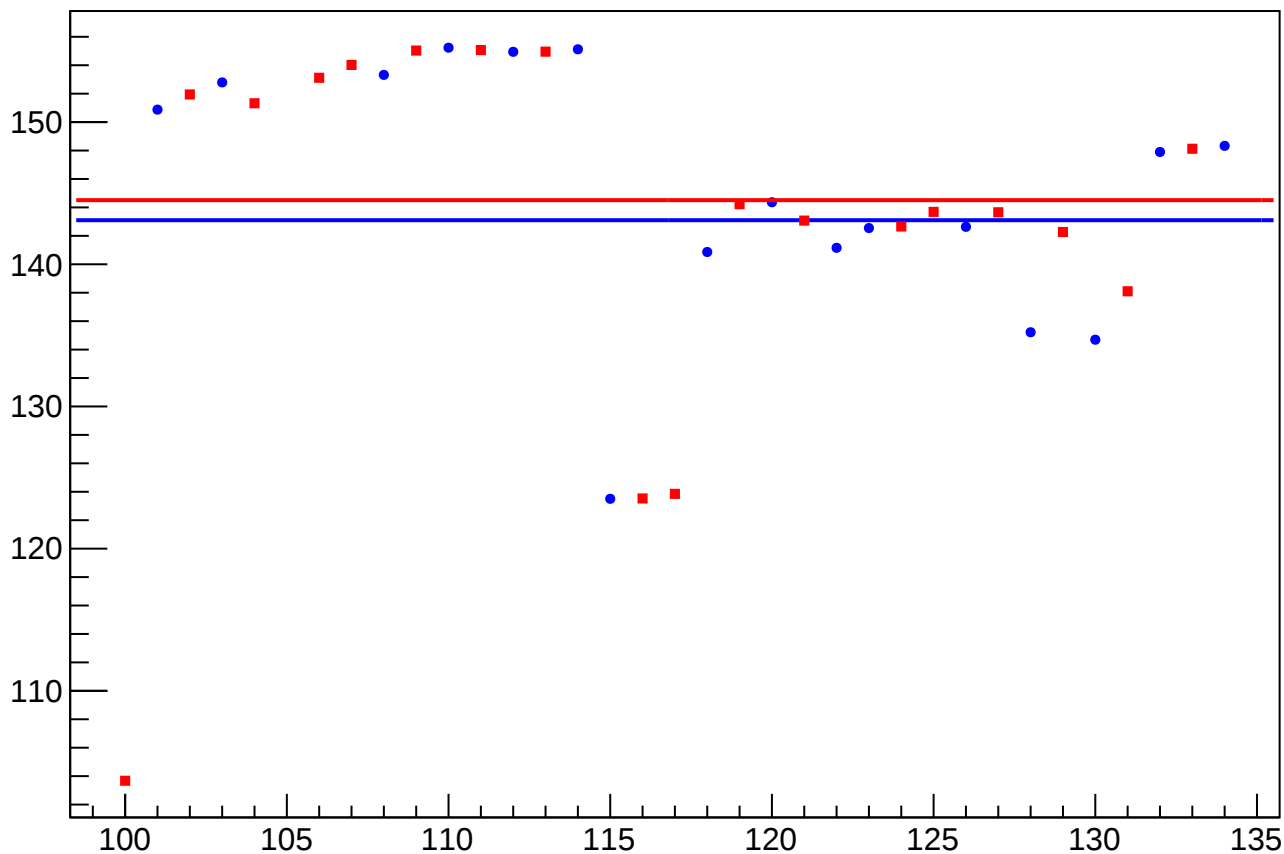
Right Out: 0.319+/-0.000 χ^2/NDF : 1229105.7/17

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

0.316+/-0.000 χ^2/NDF : 1277206.0/15

0.319+/-0.000 χ^2/NDF : 1229105.7/17

yield_bcm_an_us_mean vs Slug



Right In: 143.100+/-0.000 χ^2/NDF : 3522235516.1/15

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

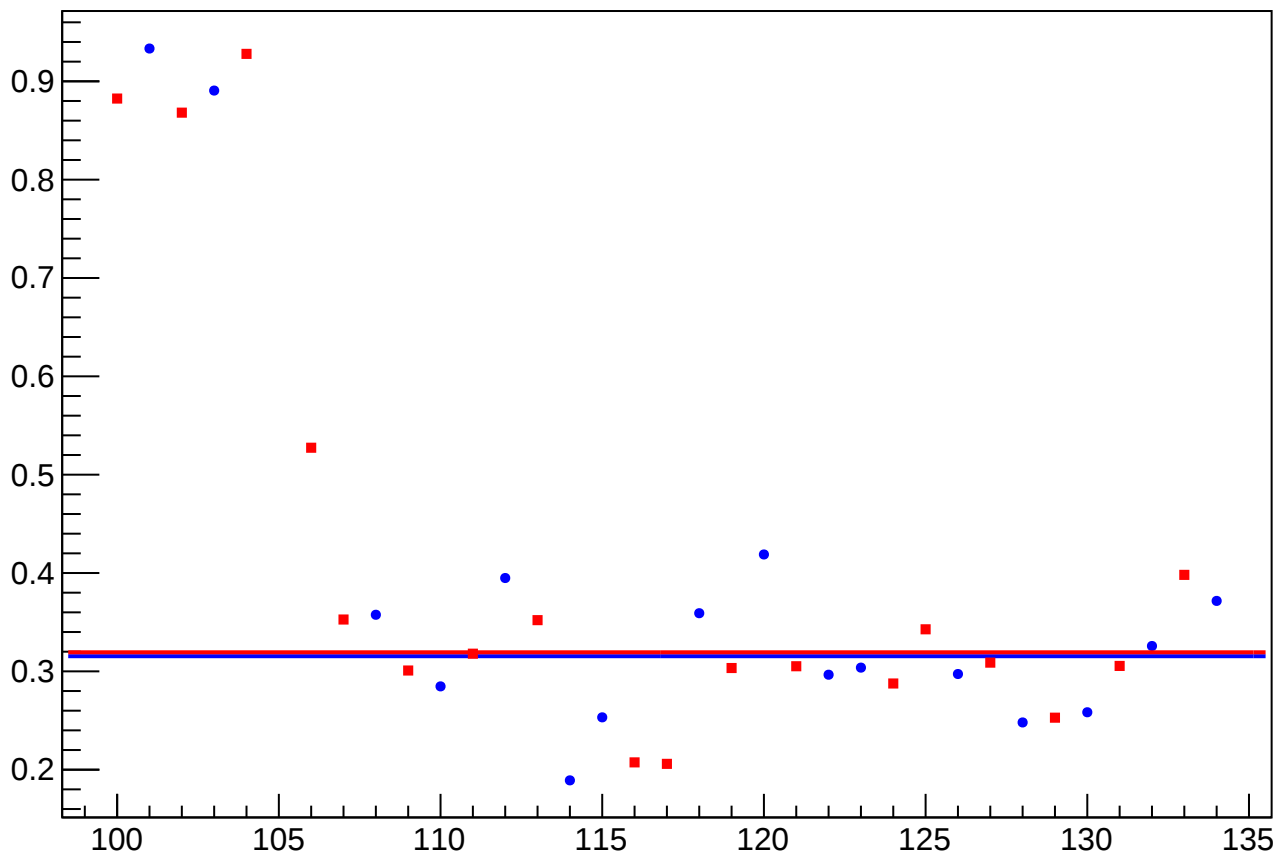
Right Out: 144.510+/-0.000 χ^2/NDF : 4763702745.8/17

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

143.100+/-0.000 χ^2/NDF : 3522235516.1/15

144.510+/-0.000 χ^2/NDF : 4763702745.8/17

yield_bcm_an_us_rms vs Slug



Right In: 0.315+/-0.000 χ^2/NDF : 1290046.4/15

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

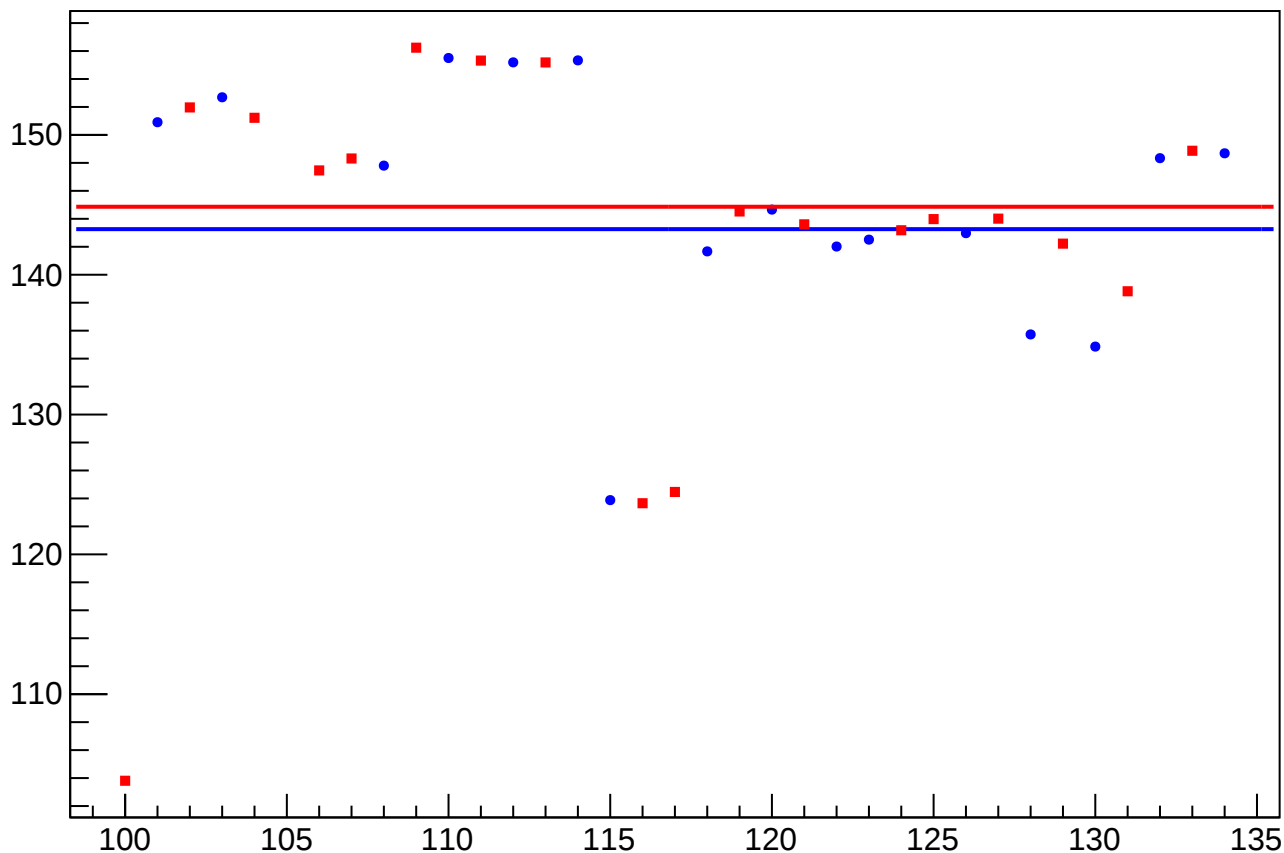
Right Out: 0.319+/-0.000 χ^2/NDF : 1230067.4/17

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

0.315+/-0.000 χ^2/NDF : 1290046.4/15

0.319+/-0.000 χ^2/NDF : 1230067.4/17

yield_bcm_dg_us_mean vs Slug



Right In: 143.261+/-0.000 χ^2/NDF : 3024727389.7/15

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

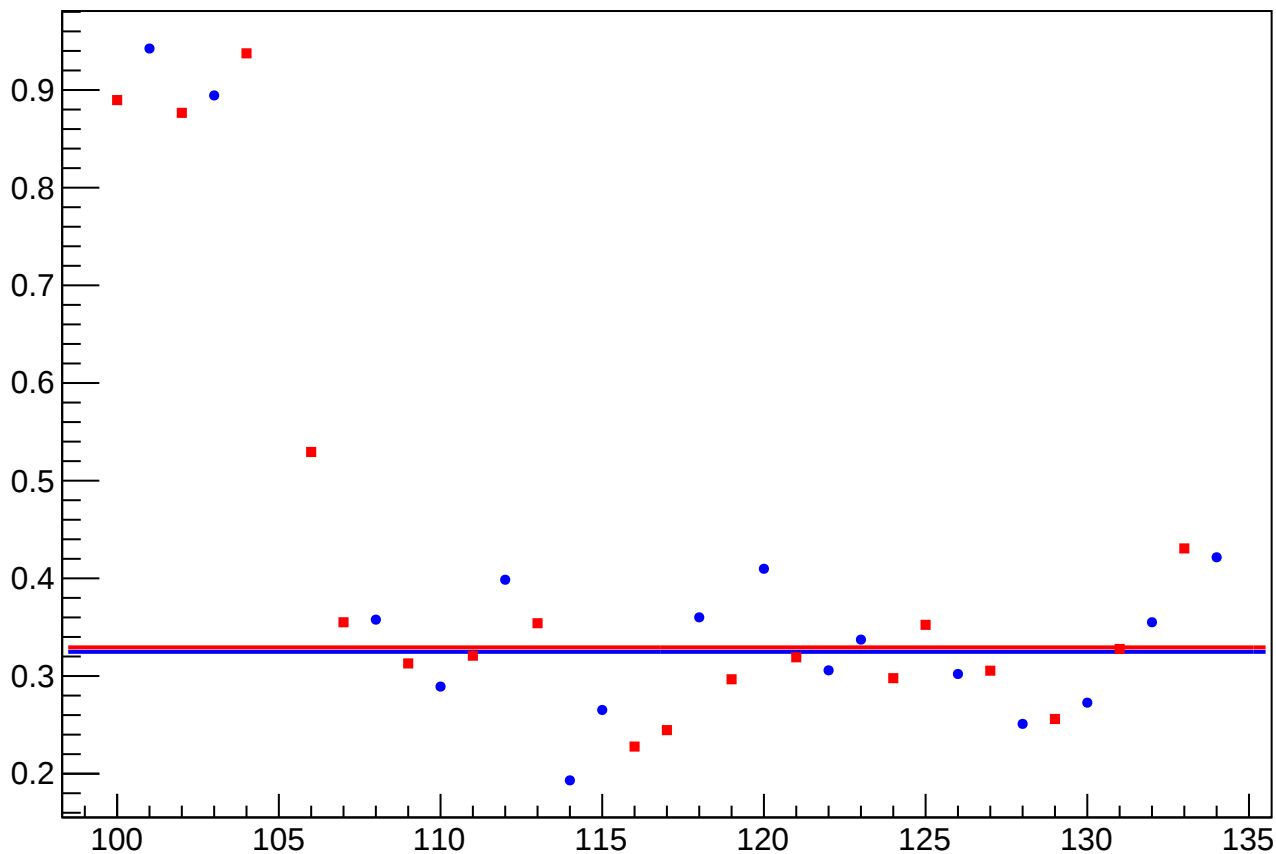
Right Out: 144.863+/-0.000 χ^2/NDF : 4043508584.7/17

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

143.261+/-0.000 χ^2/NDF : 3024727389.7/15

144.863+/-0.000 χ^2/NDF : 4043508584.7/17

yield_bcm_dg_us_rms vs Slug



Right In: 0.325+/-0.000 χ^2/NDF : 1263052.5/15

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

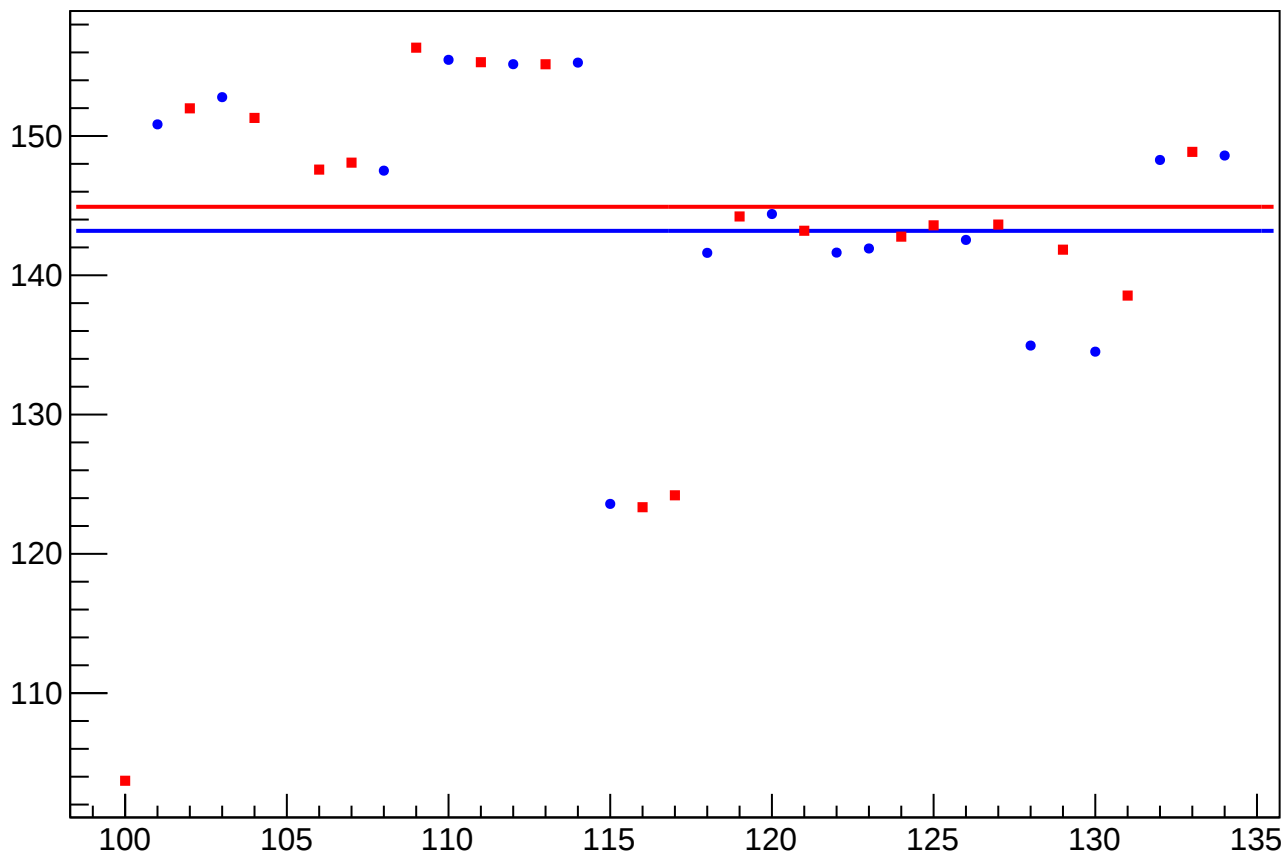
Right Out: 0.329+/-0.000 χ^2/NDF : 1176533.9/17

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

0.325+/-0.000 χ^2/NDF : 1263052.5/15

0.329+/-0.000 χ^2/NDF : 1176533.9/17

yield_bcm_dg_ds_mean vs Slug



Right In: 143.190+/-0.000 χ^2/NDF : 3172704144.0/15

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

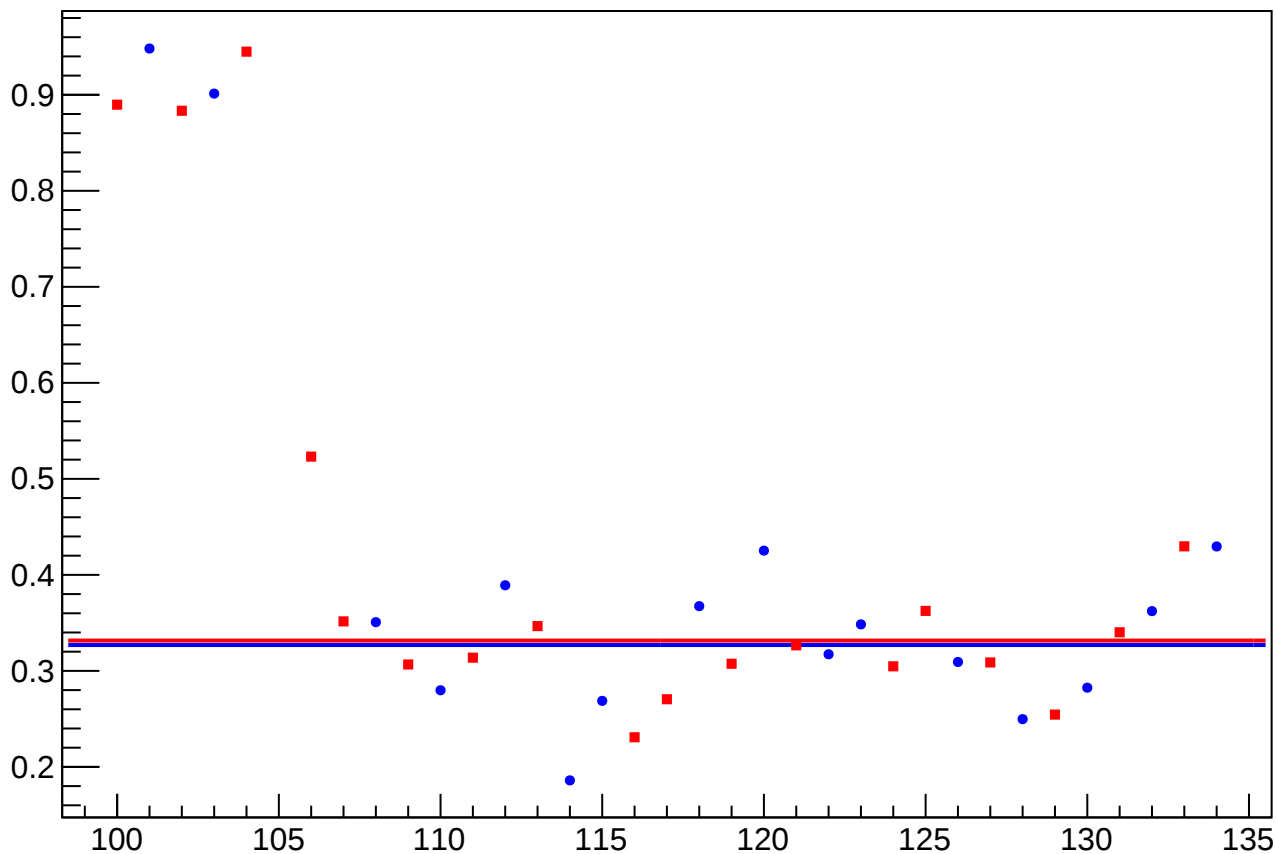
Right Out: 144.917+/-0.000 χ^2/NDF : 4083352498.4/17

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

143.190+/-0.000 χ^2/NDF : 3172704144.0/15

144.917+/-0.000 χ^2/NDF : 4083352498.4/17

yield_bcm_dg_ds_rms vs Slug



Right In: 0.327+/-0.000 χ^2/NDF : 1282370.2/15

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

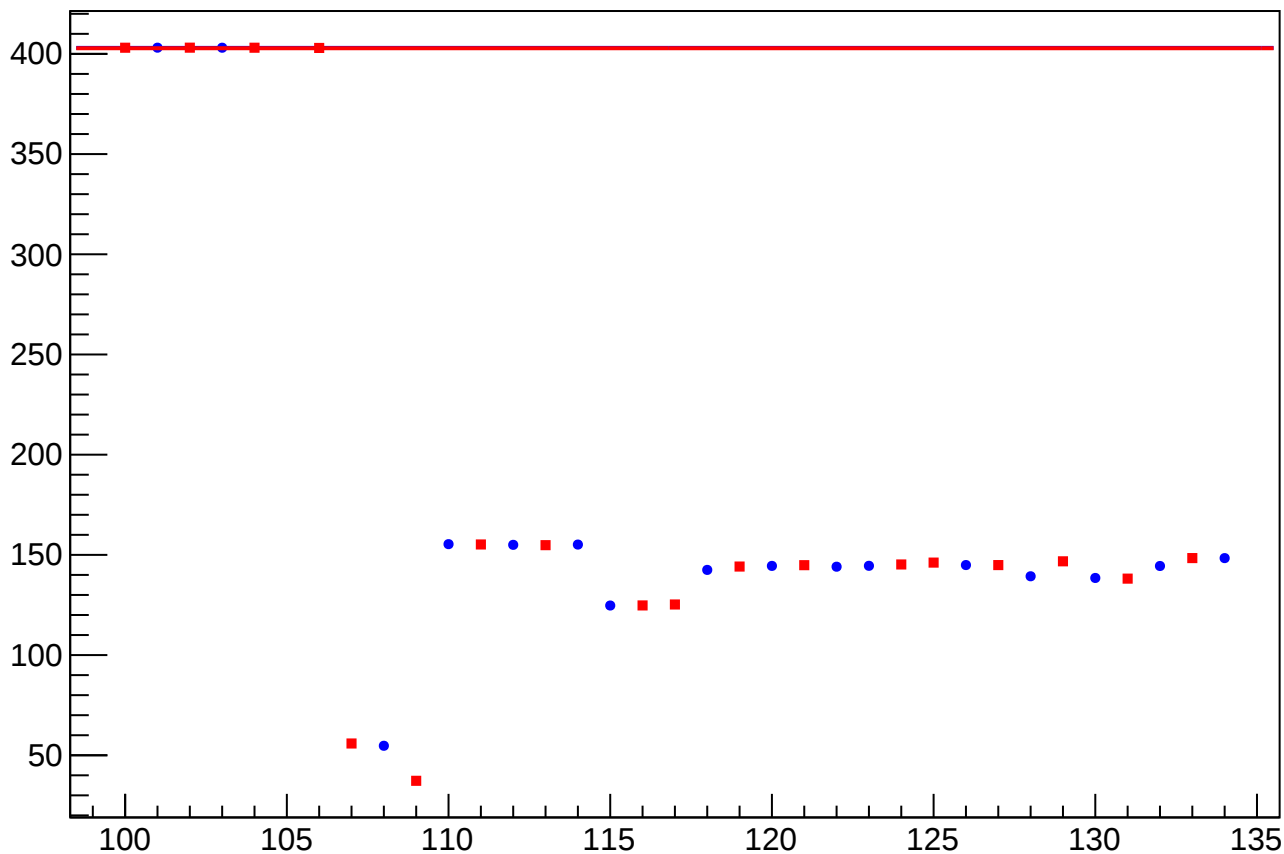
Right Out: 0.332+/-0.000 χ^2/NDF : 1163633.9/17

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

0.327+/-0.000 χ^2/NDF : 1282370.2/15

0.332+/-0.000 χ^2/NDF : 1163633.9/17

yield_cav4bQ_mean vs Slug



Right In: 402.989+/-0.000 χ^2/NDF : 845084228599.9/15

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

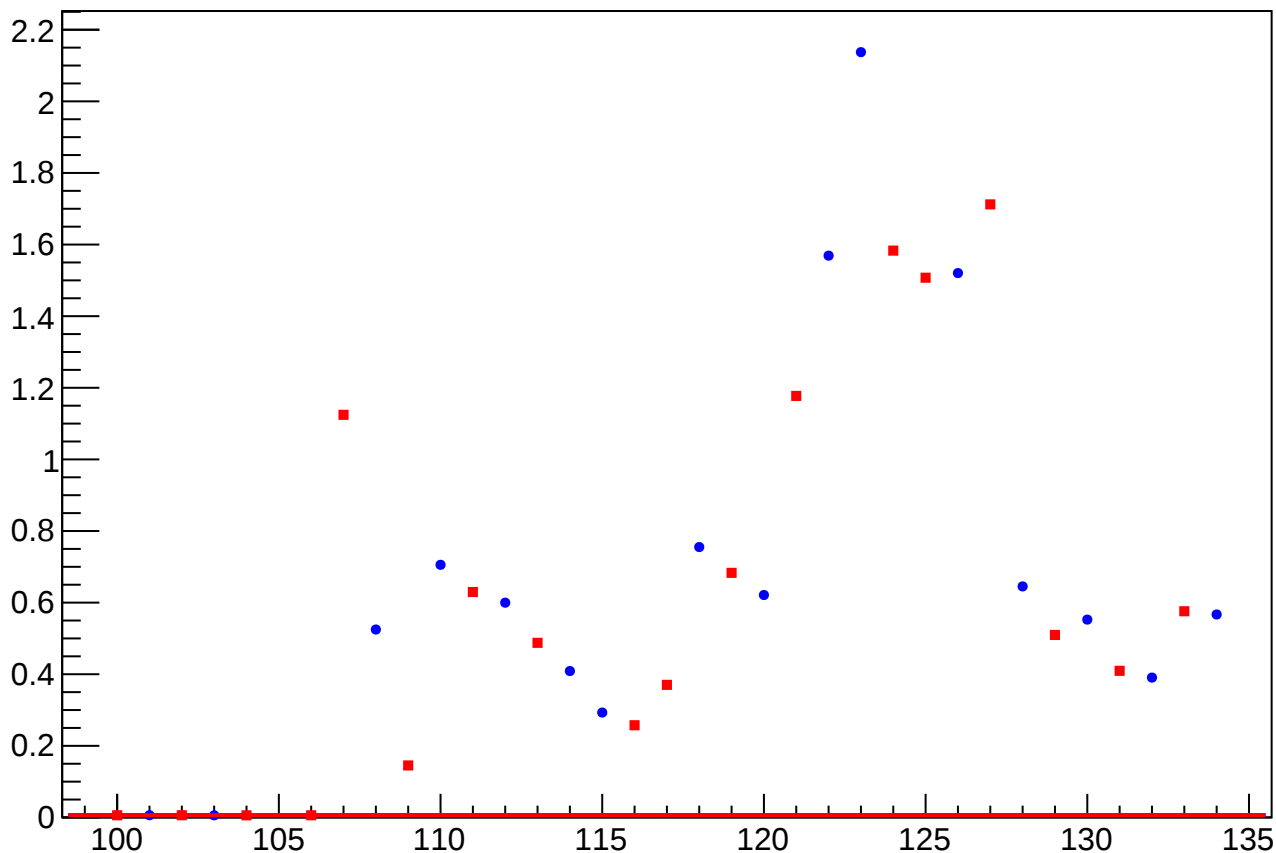
Right Out: 402.818+/-0.000 χ^2/NDF : 2927506526721.1/17

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

402.989+/-0.000 χ^2/NDF : 845084228599.9/15

402.818+/-0.000 χ^2/NDF : 2927506526721.1/17

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 7617299.9/15

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

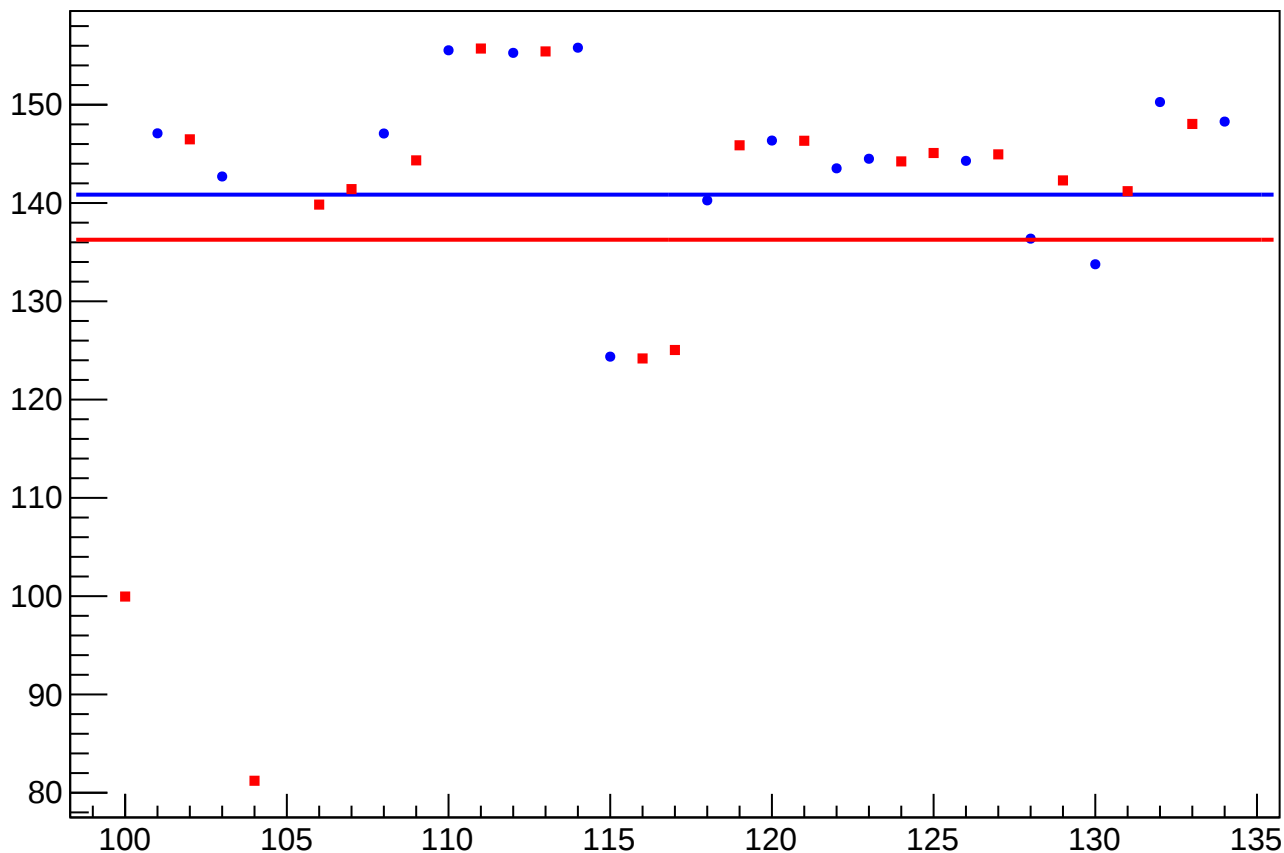
Right Out: 0.006+/-0.000 χ^2/NDF : 8081514.1/17

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

0.006+/-0.000 χ^2/NDF : 7617299.9/15

0.006+/-0.000 χ^2/NDF : 8081514.1/17

yield_cav4cQ_mean vs Slug



Right In: 140.852+/-0.000 χ^2/NDF : 921369140.3/15

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

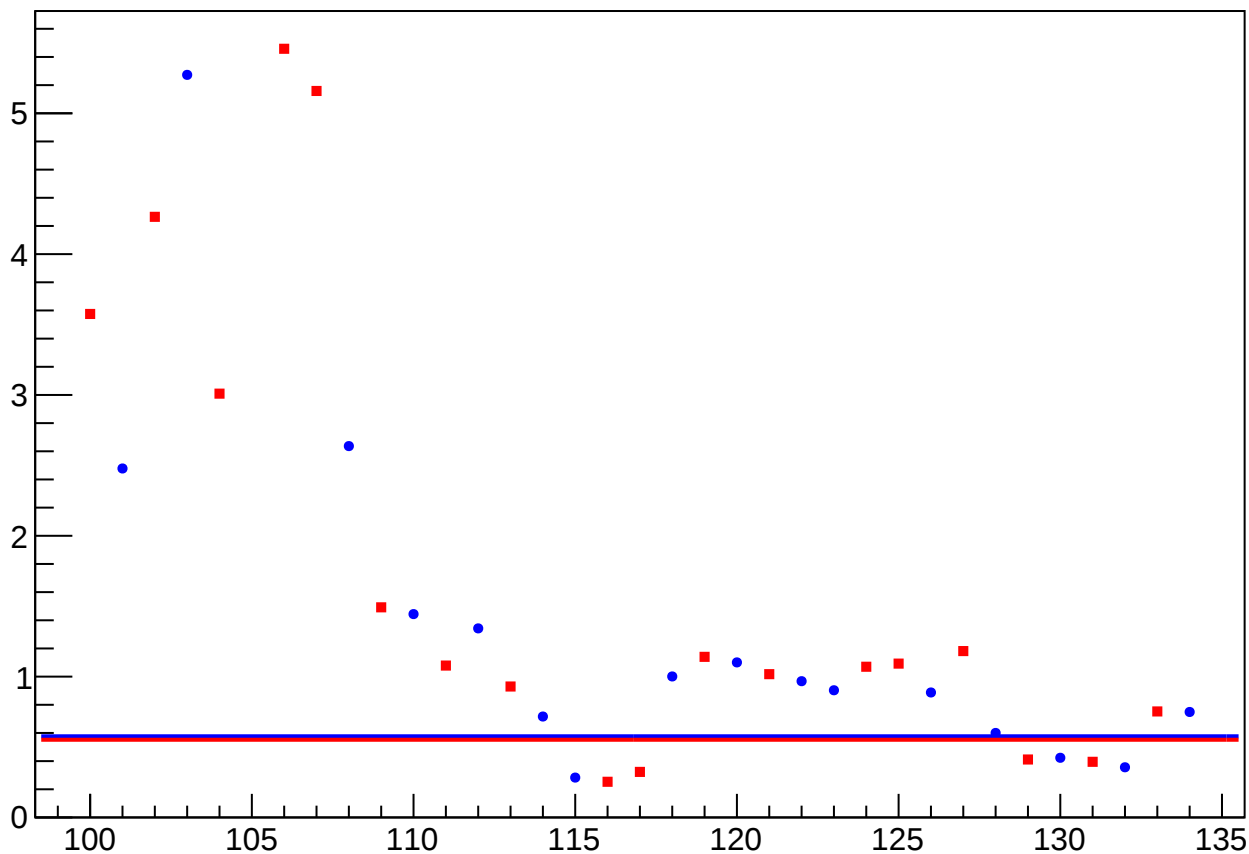
Right Out: 136.264+/-0.000 χ^2/NDF : 1265804690.3/17

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

140.852+/-0.000 χ^2/NDF : 921369140.3/15

136.264+/-0.000 χ^2/NDF : 1265804690.3/17

yield_cav4cQ_rms vs Slug



Right In: 0.576+/-0.000 χ^2/NDF : 3470339.8/15

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

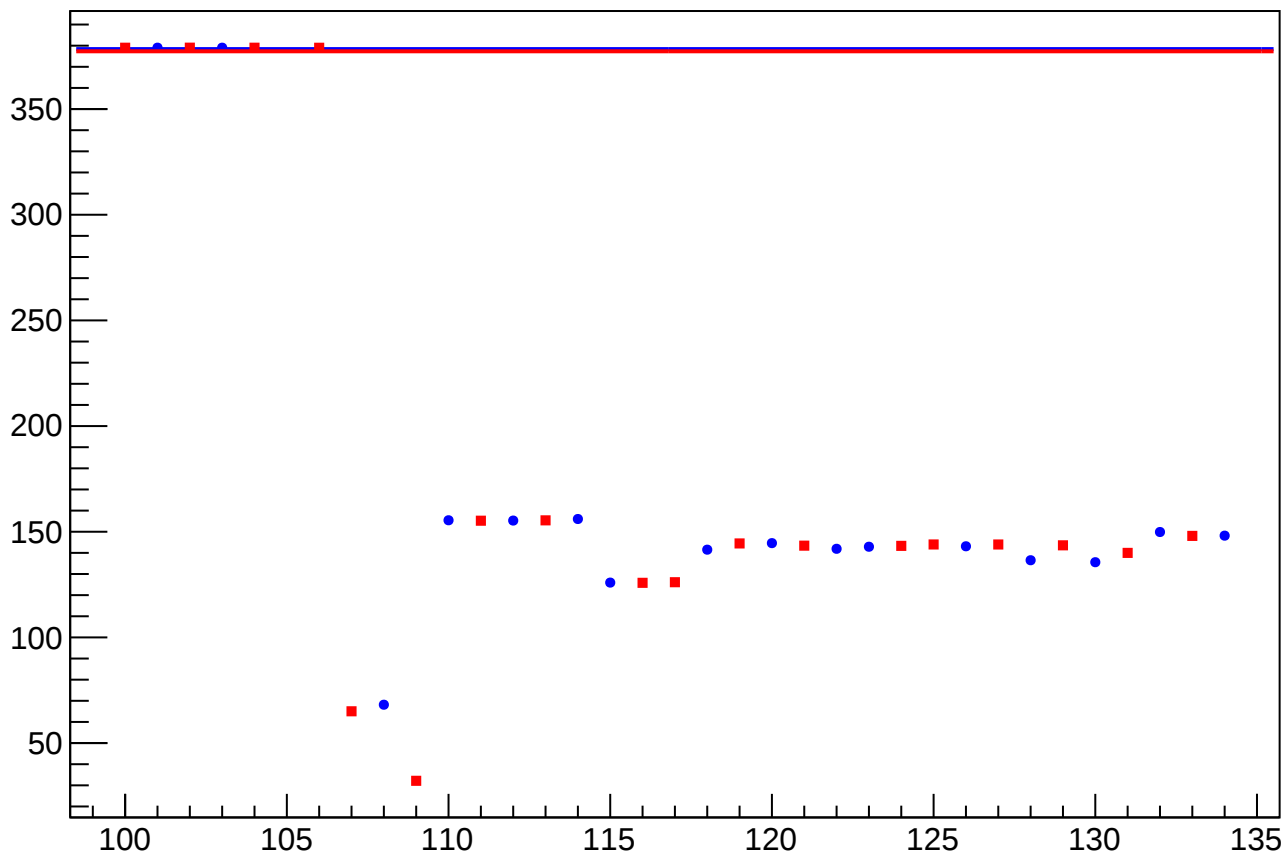
Right Out: 0.552+/-0.000 χ^2/NDF : 4700768.4/17

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

0.576+/-0.000 χ^2/NDF : 3470339.8/15

0.552+/-0.000 χ^2/NDF : 4700768.4/17

yield_cav4dQ_mean vs Slug



Right In: 378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

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

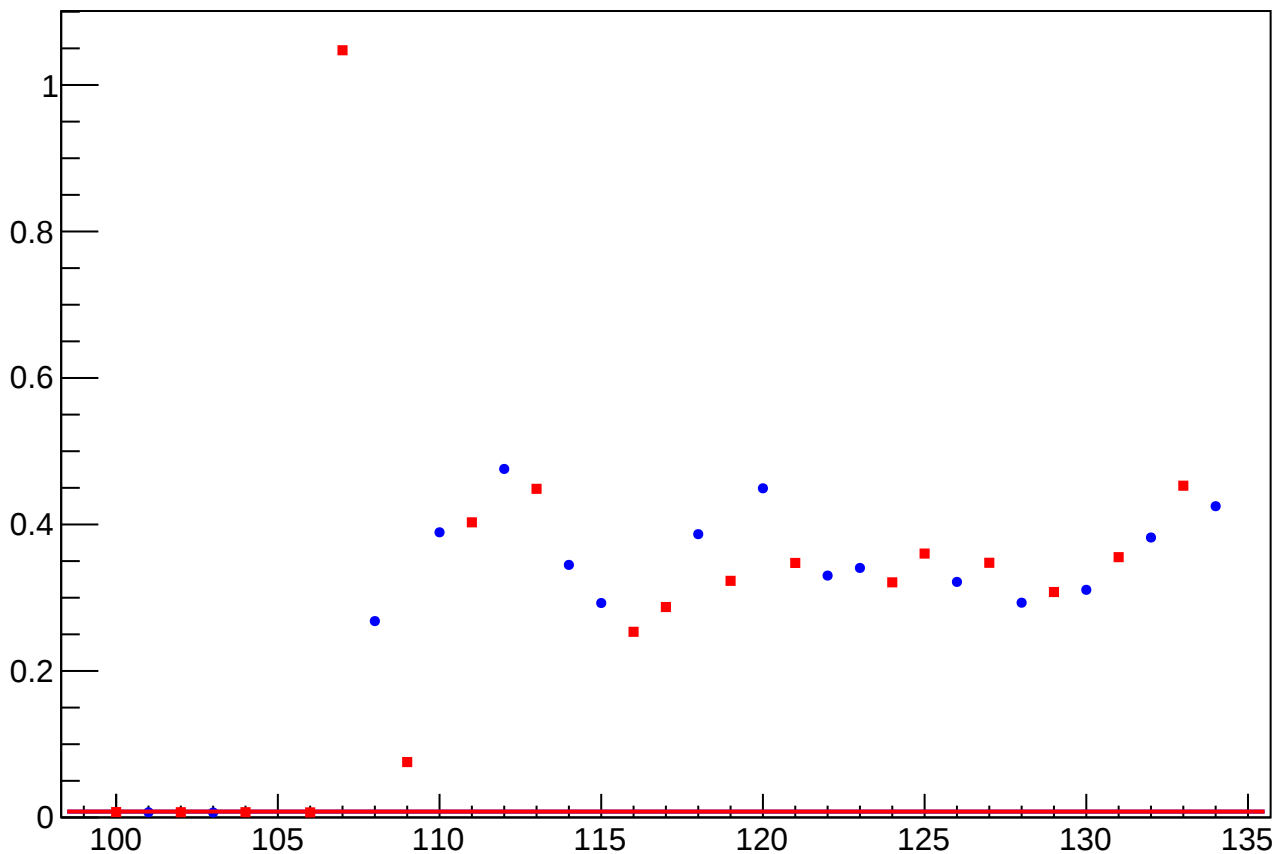
Right Out: 377.339+/-0.000 χ^2/NDF : 8105358965409.7/17

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

378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

377.339+/-0.000 χ^2/NDF : 8105358965409.7/17

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 8323867.5/15

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

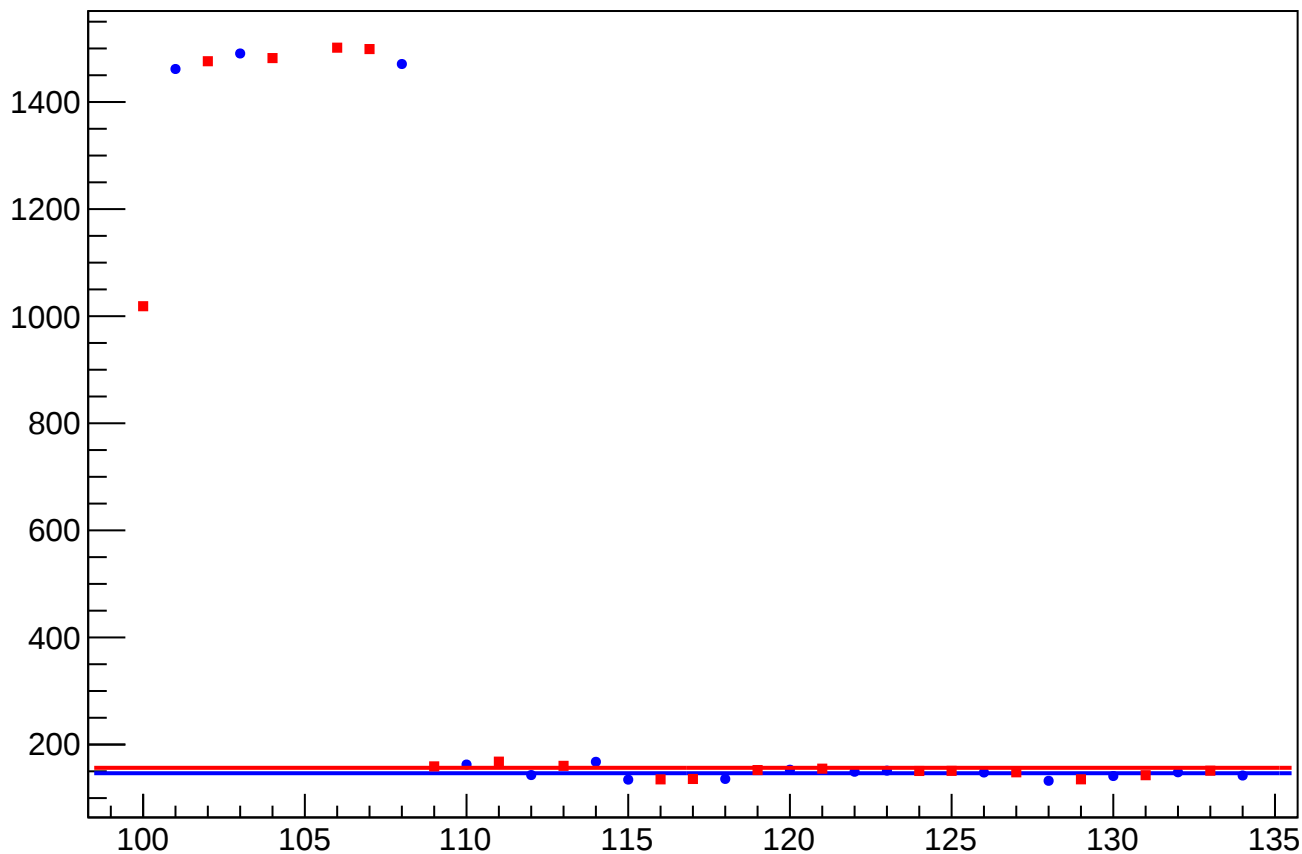
Right Out: 0.008+/-0.000 χ^2/NDF : 8395494.7/17

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

0.008+/-0.000 χ^2/NDF : 8323867.5/15

0.008+/-0.000 χ^2/NDF : 8395494.7/17

yield_bcm0l02_mean vs Slug



Right In: 146.431+/-0.000 χ^2/NDF : 24348022123.6/15

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

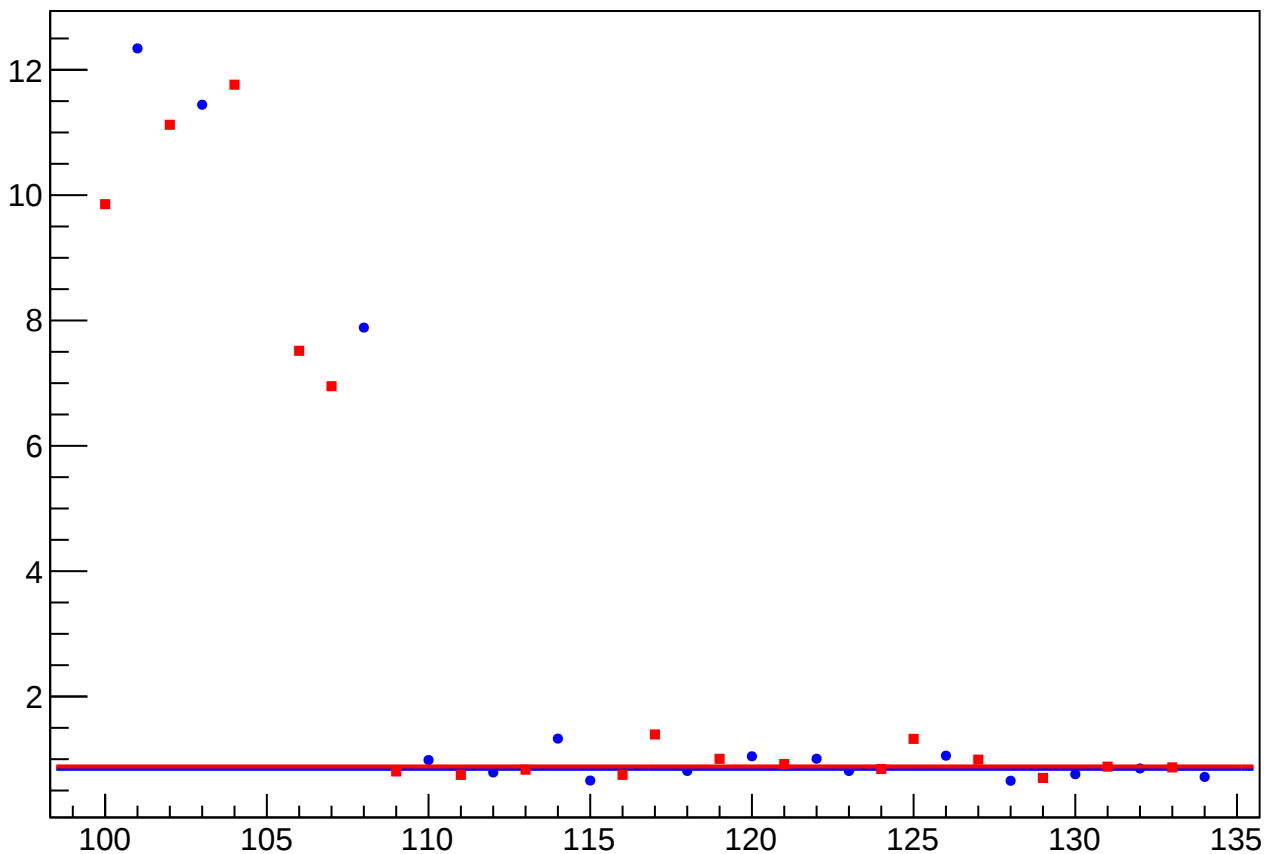
Right Out: 156.544+/-0.000 χ^2/NDF : 33403754166.9/17

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

146.431+/-0.000 χ^2/NDF : 24348022123.6/15

156.544+/-0.000 χ^2/NDF : 33403754166.9/17

yield_bcm0l02_rms vs Slug



Right In: 0.846+/-0.000 χ^2/NDF : 2670004.1/15

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

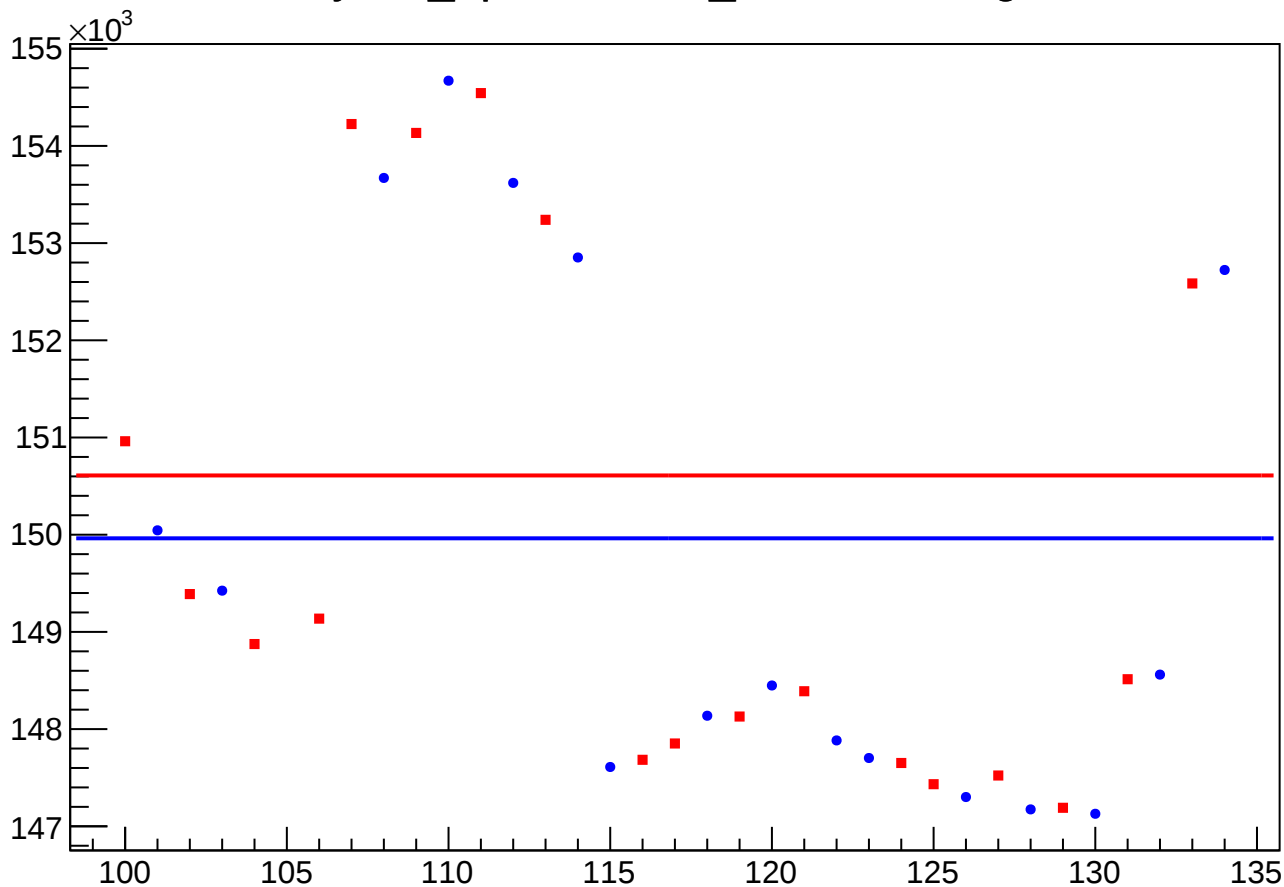
Right Out: 0.884+/-0.000 χ^2/NDF : 2787699.4/17

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

0.846+/-0.000 χ^2/NDF : 2670004.1/15

0.884+/-0.000 χ^2/NDF : 2787699.4/17

yield_bpm0i01WS_mean vs Slug



Right In: 149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

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

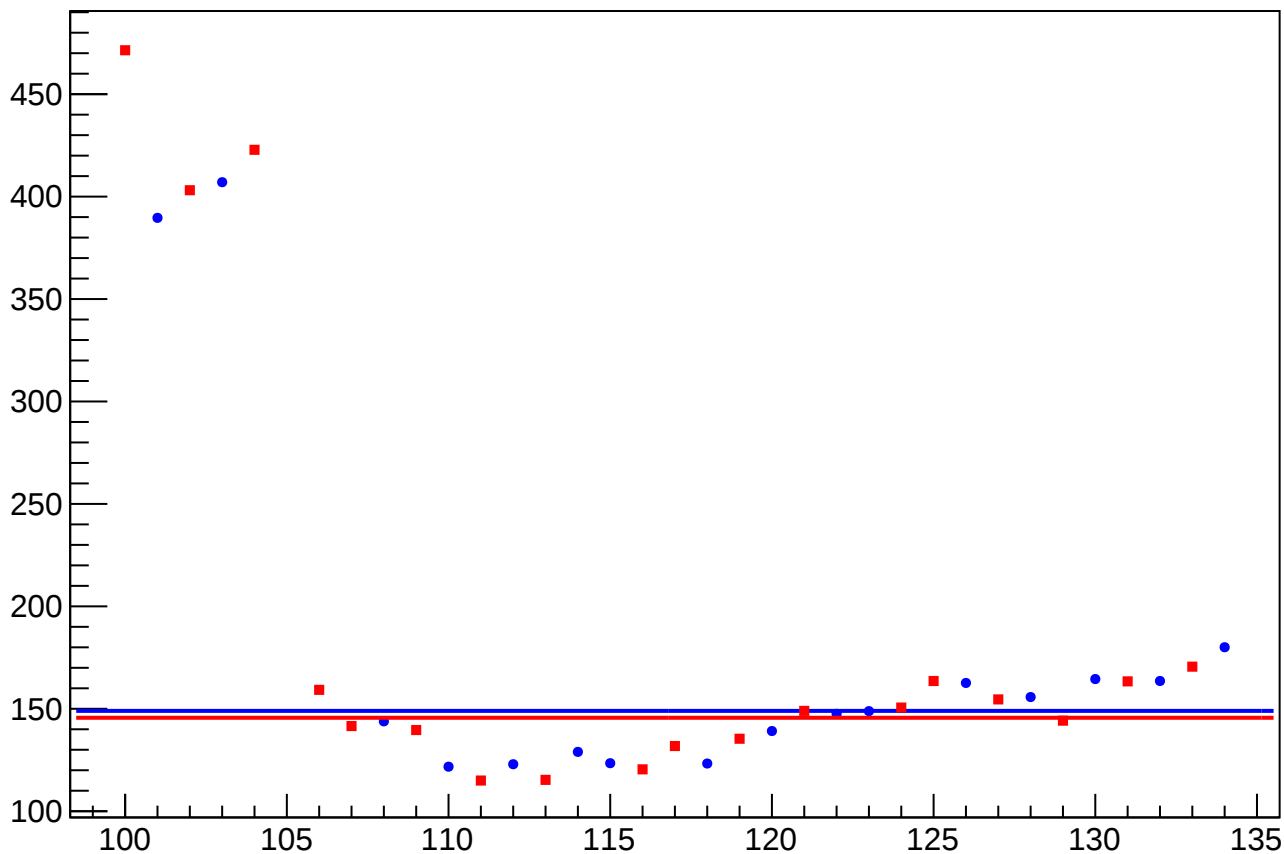
149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

Right Out: 150609.578 $\pm$ 0.061 χ^2 /NDF: 2371678282.0/17

150609.578 $\pm$ 0.061 χ^2 /NDF: 2371678282.0/17

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

yield_bpm0i01WS_rms vs Slug



Right In: 148.980 $\pm$ 0.047 χ^2 /NDF: 1070248.9/15

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

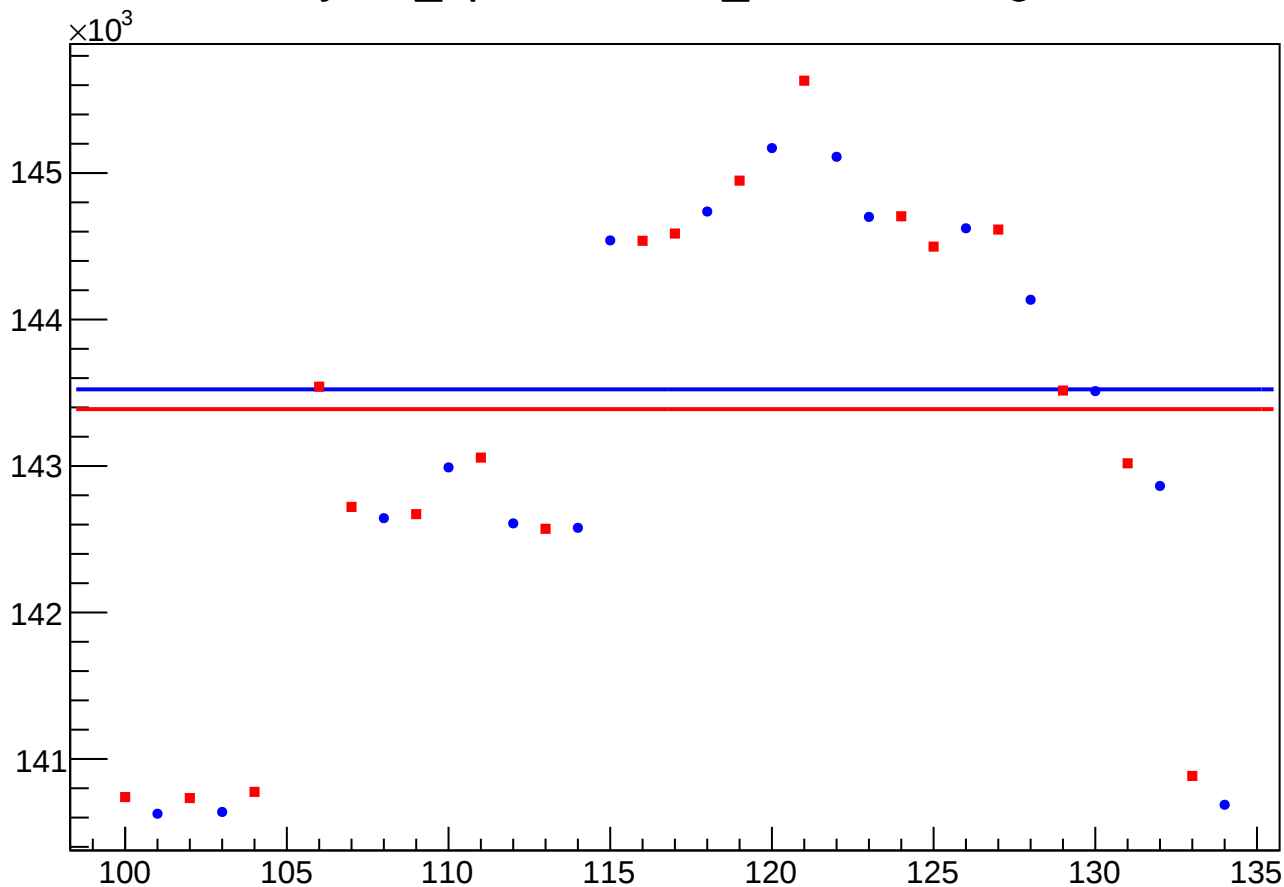
148.980 $\pm$ 0.047 χ^2 /NDF: 1070248.9/15

Right Out: 145.617 $\pm$ 0.043 χ^2 /NDF: 1124612.4/17

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

145.617 $\pm$ 0.043 χ^2 /NDF: 1124612.4/17

yield_bpm0i01aWS_mean vs Slug



Right In: 143523.346 $\pm$ 0.055 χ^2 /NDF: 454436628.1/15

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

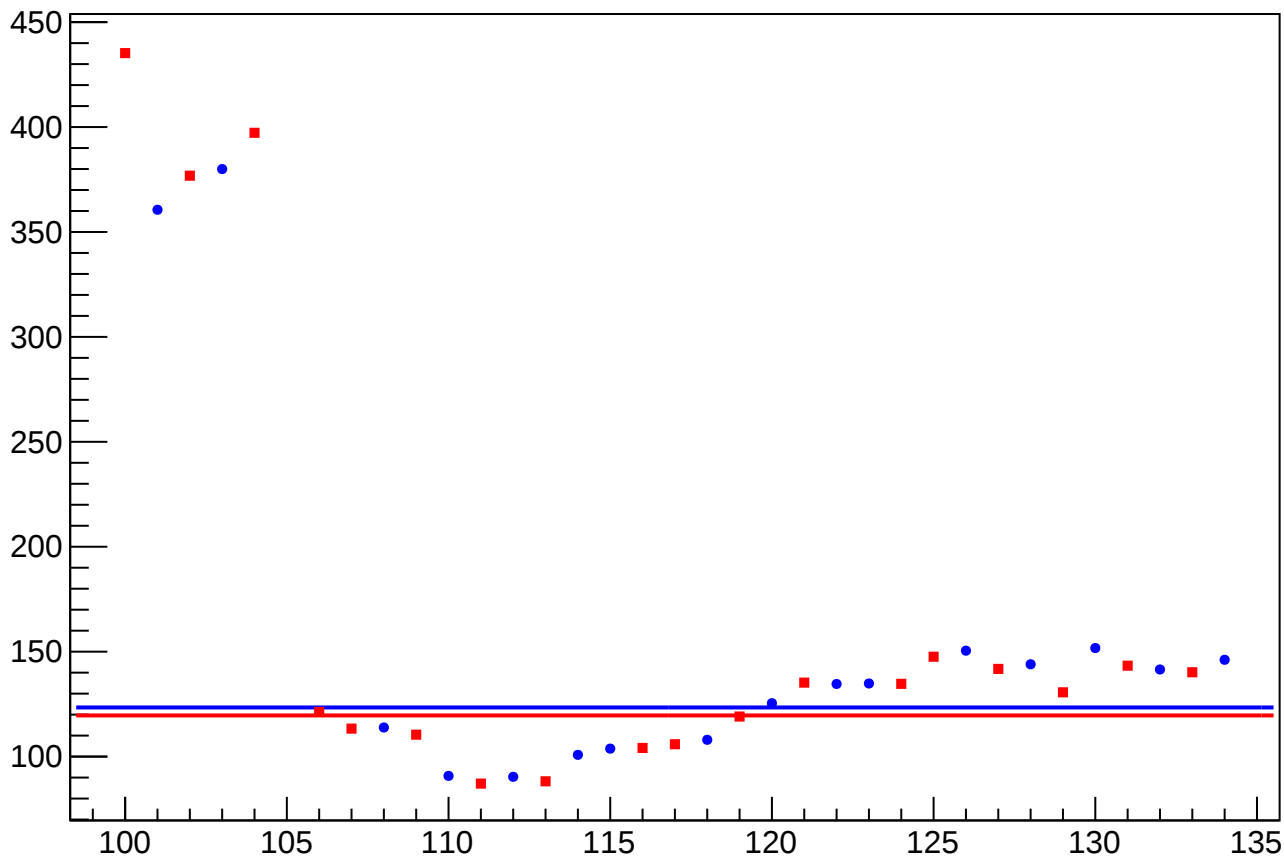
143523.346 $\pm$ 0.055 χ^2 /NDF: 454436628.1/15

Right Out: 143388.330 $\pm$ 0.050 χ^2 /NDF: 555091940.8/17

143388.330 $\pm$ 0.050 χ^2 /NDF: 555091940.8/17

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

yield_bpm0i01aWS_rms vs Slug



Right In: 123.408 $\pm$ 0.039 χ^2 /NDF: 1372176.3/15

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

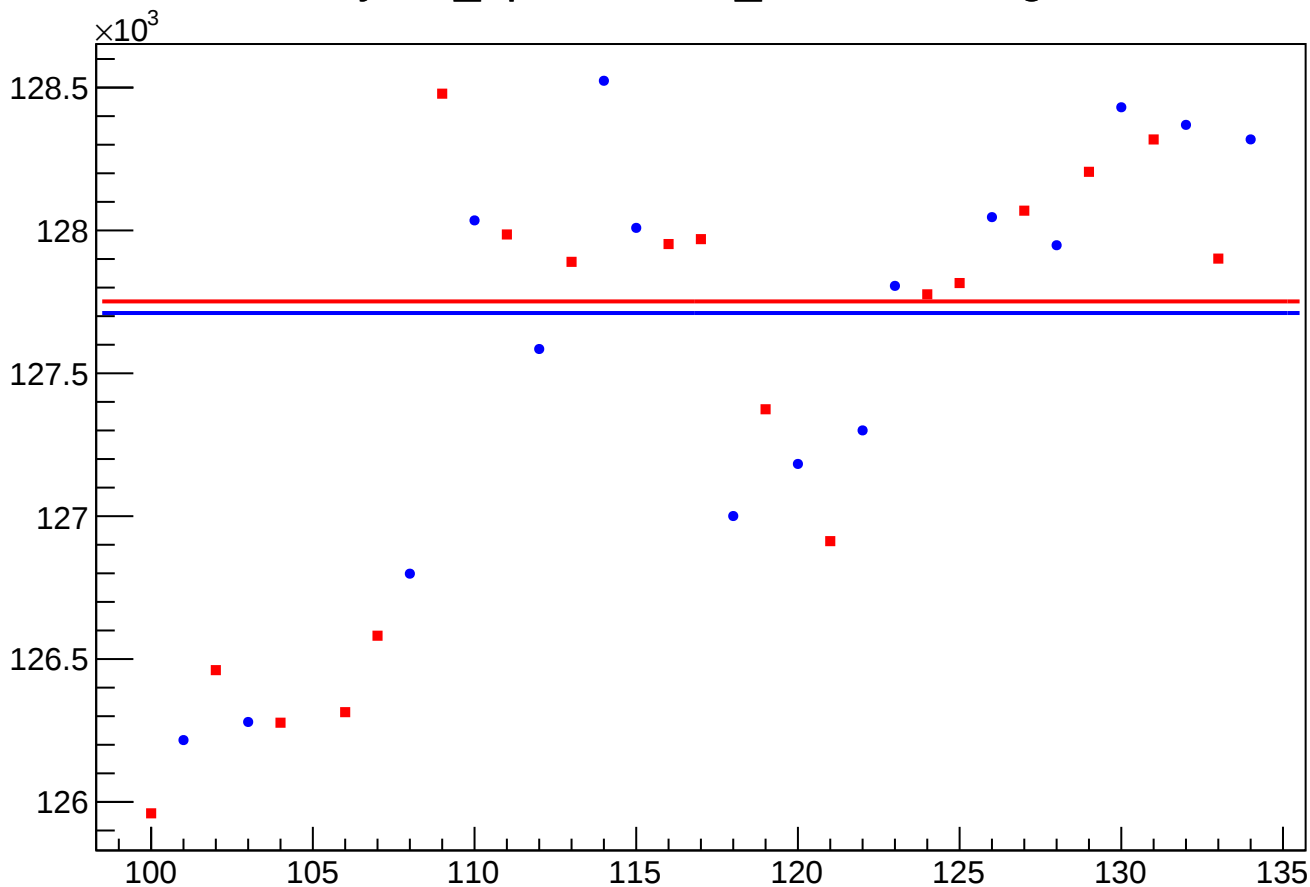
123.408 $\pm$ 0.039 χ^2 /NDF: 1372176.3/15

Right Out: 119.610 $\pm$ 0.036 χ^2 /NDF: 1410587.2/17

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

119.610 $\pm$ 0.036 χ^2 /NDF: 1410587.2/17

yield_bpm0l01WS_mean vs Slug



Right In: 127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

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

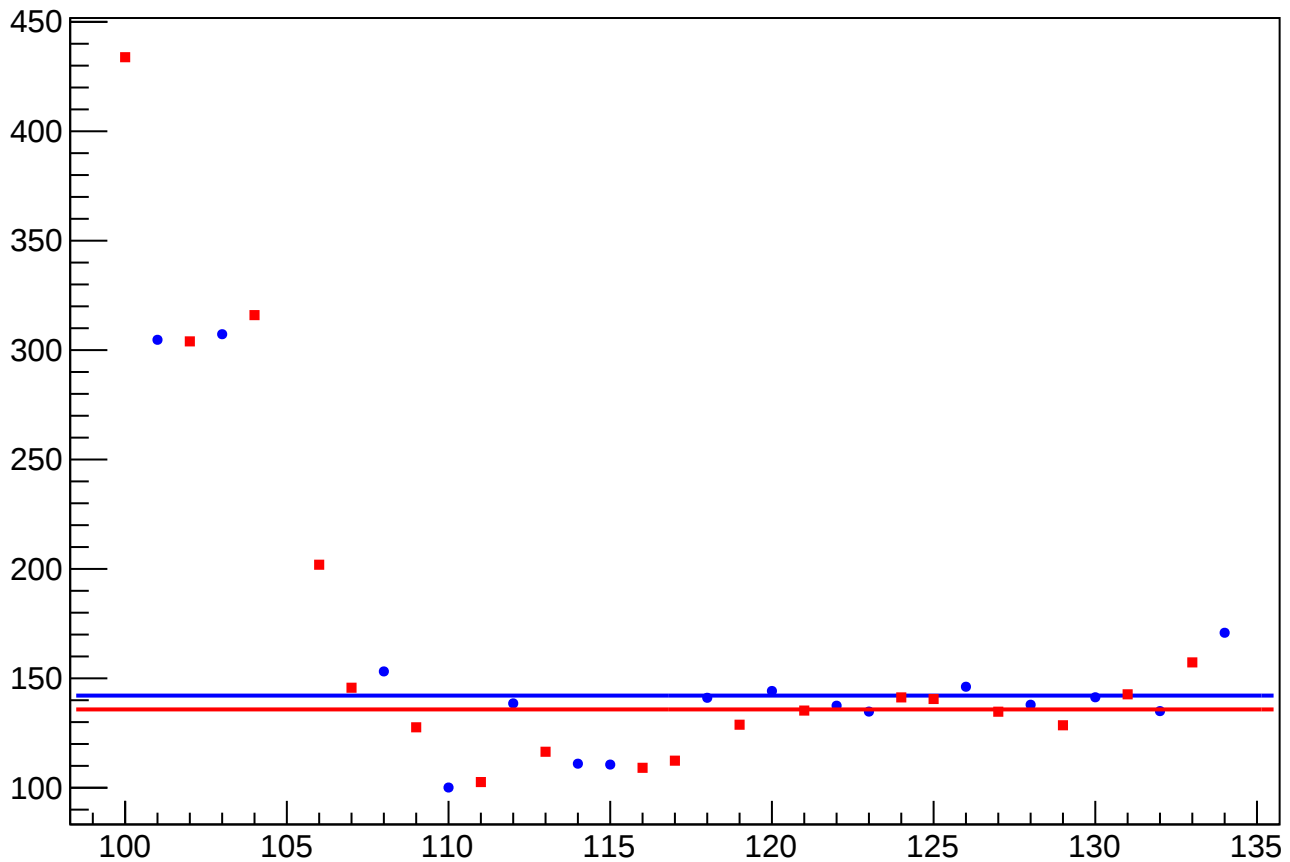
127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

Right Out: 127751.598 $\pm$ 0.056 χ^2 /NDF: 109472894.4/17

127751.598 $\pm$ 0.056 χ^2 /NDF: 109472894.4/17

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

yield_bpm0l01WS_rms vs Slug



Right In: 142.116+/-0.044 χ^2/NDF : 835681.9/15

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

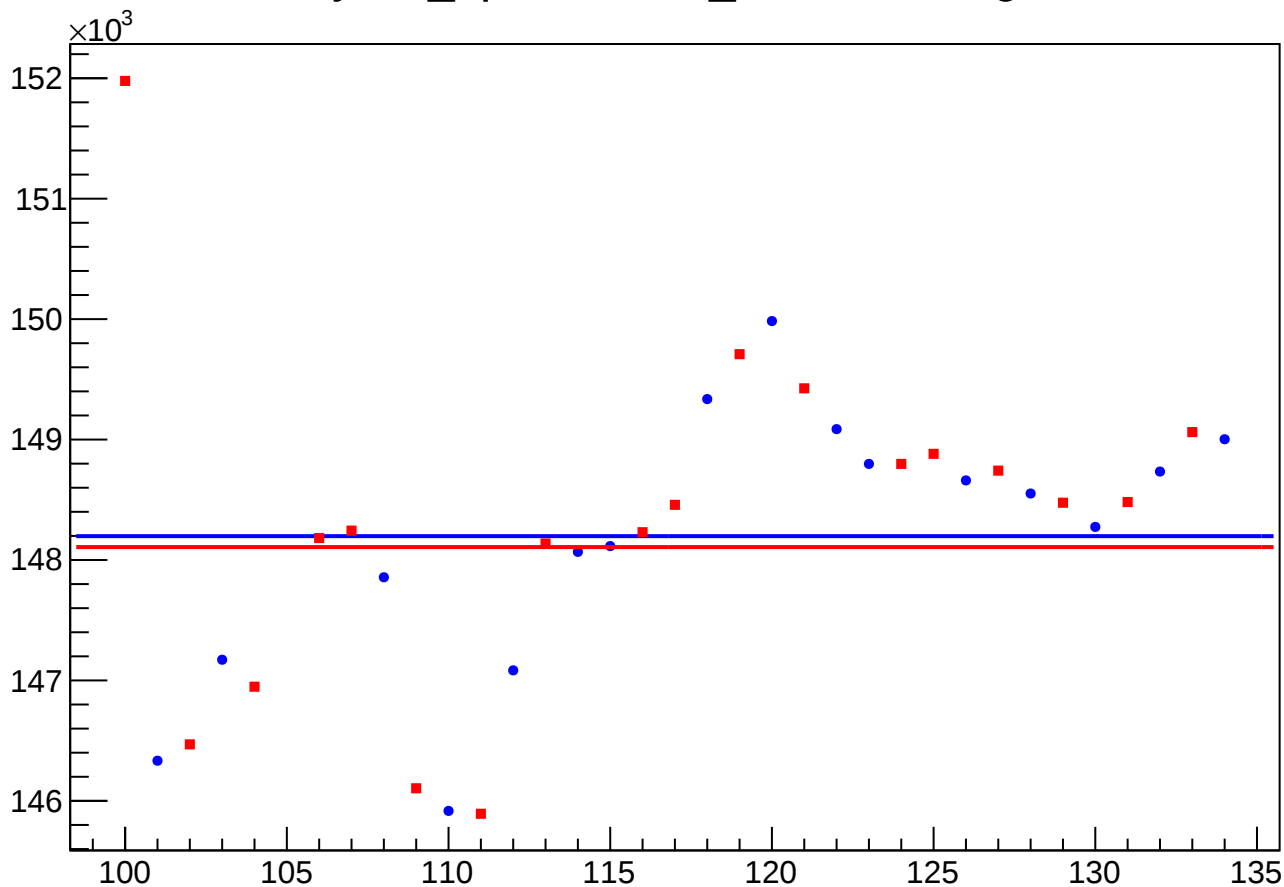
142.116+/-0.044 χ^2/NDF : 835681.9/15

Right Out: 135.794+/-0.040 χ^2/NDF : 949088.8/17

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

135.794+/-0.040 χ^2/NDF : 949088.8/17

yield_bpm0l02WS_mean vs Slug



Right In: 148197.841 $\pm$ 0.089 χ^2 /NDF: 115921787.0/15

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

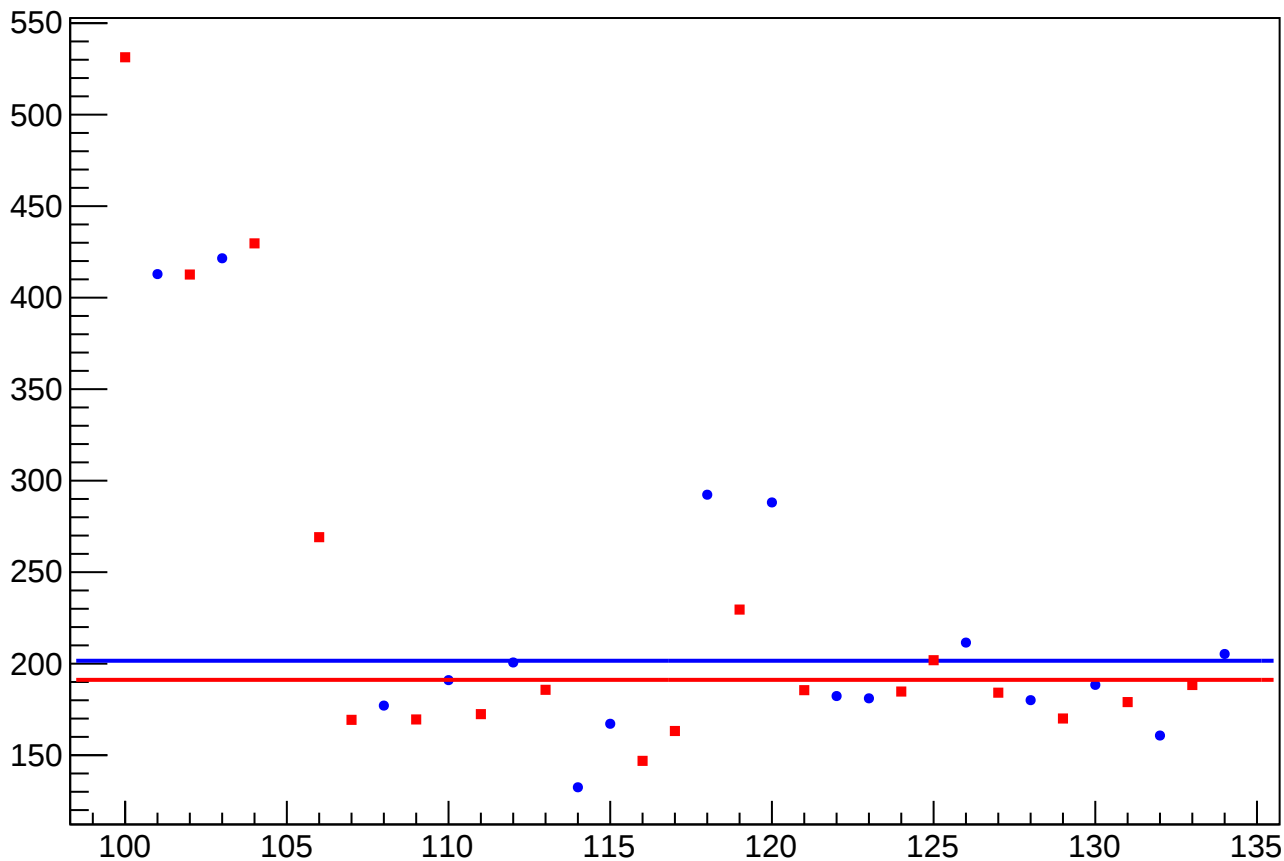
148197.841 $\pm$ 0.089 χ^2 /NDF: 115921787.0/15

Right Out: 148107.321 $\pm$ 0.079 χ^2 /NDF: 221524936.8/17

148107.321 $\pm$ 0.079 χ^2 /NDF: 221524936.8/17

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

yield_bpm0l02WS_rms vs Slug



Right In: 201.595 $\pm$ 0.063 χ^2 /NDF: 934382.2/15

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

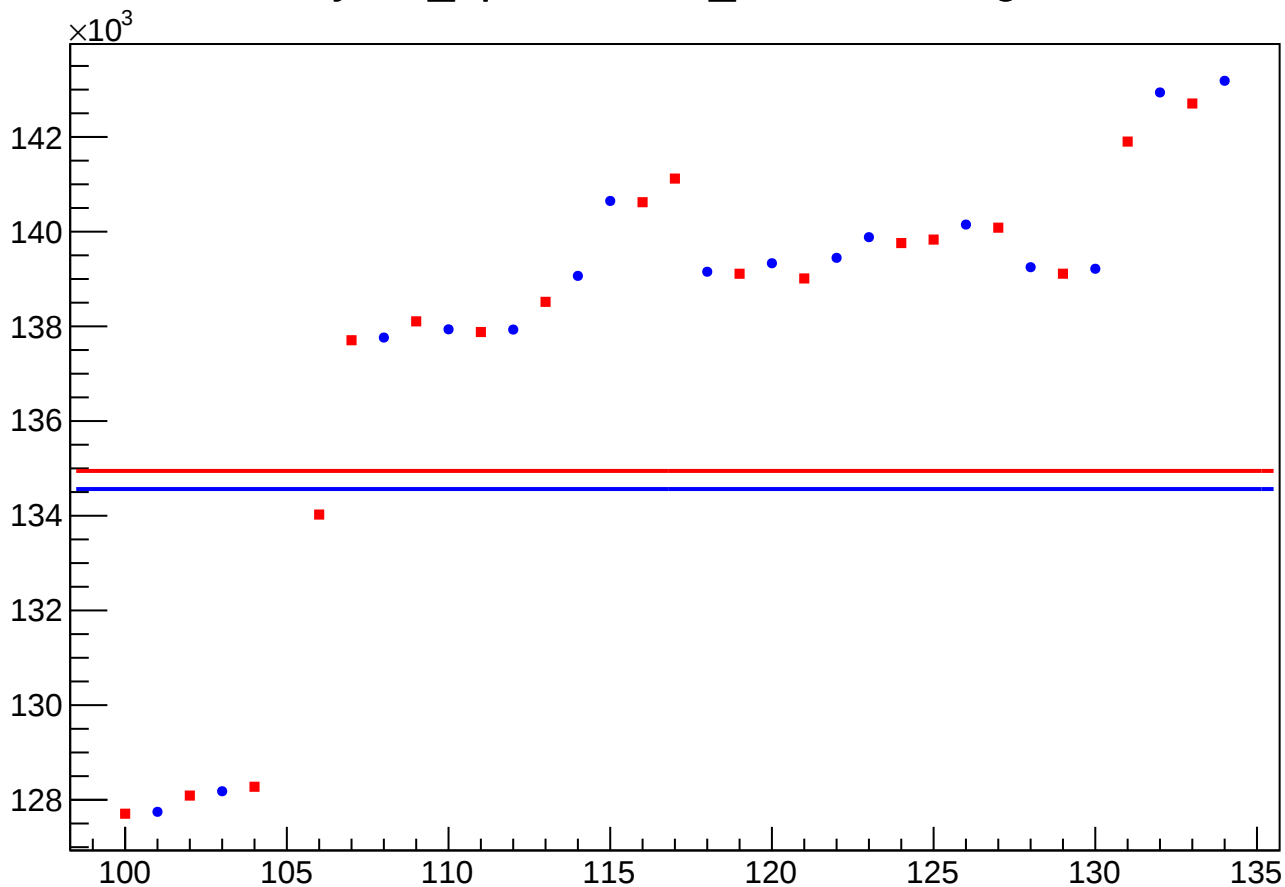
201.595 $\pm$ 0.063 χ^2 /NDF: 934382.2/15

Right Out: 191.158 $\pm$ 0.056 χ^2 /NDF: 843991.2/17

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

191.158 $\pm$ 0.056 χ^2 /NDF: 843991.2/17

yield_bpm0l03WS_mean vs Slug



Right In: 134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

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

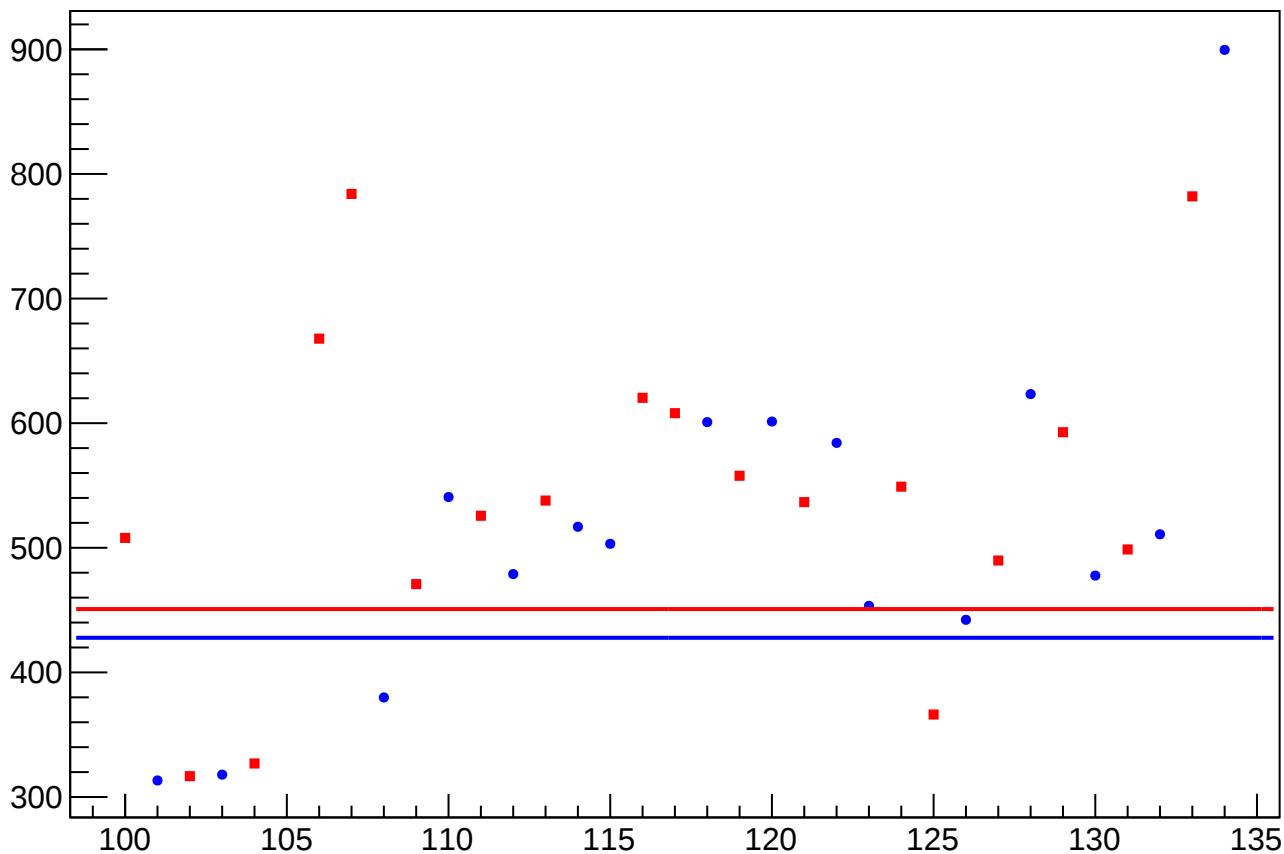
134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

Right Out: 134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

134946.549 $\pm$ 0.193 χ^2 /NDF: 806974553.5/17

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

yield_bpm0l03WS_rms vs Slug



Right In: 427.781+/-0.135 χ^2/NDF : 721279.9/15

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

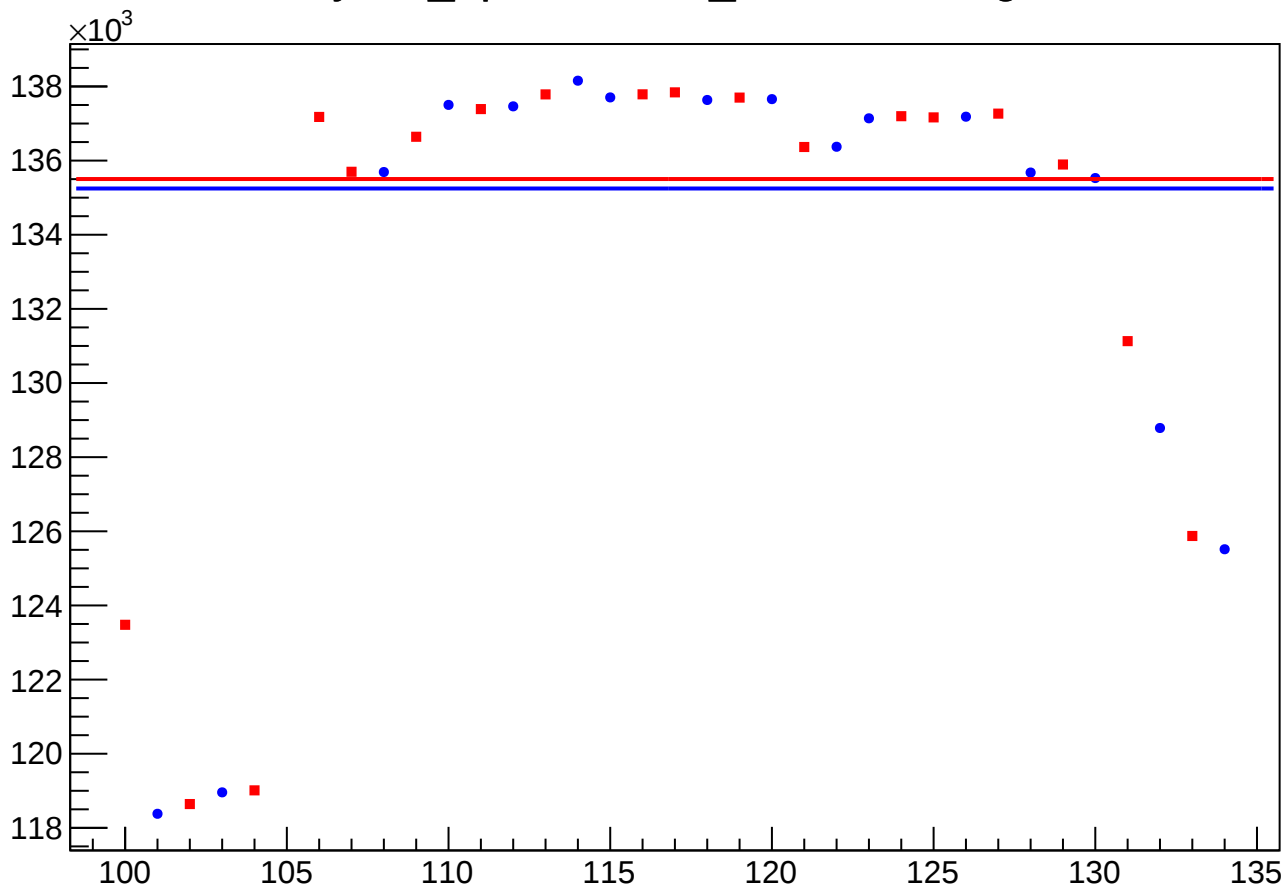
Right Out: 450.839+/-0.136 χ^2/NDF : 845927.0/17

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

427.781+/-0.135 χ^2/NDF : 721279.9/15

450.839+/-0.136 χ^2/NDF : 845927.0/17

yield_bpm0l04WS_mean vs Slug



Right In: 135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

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

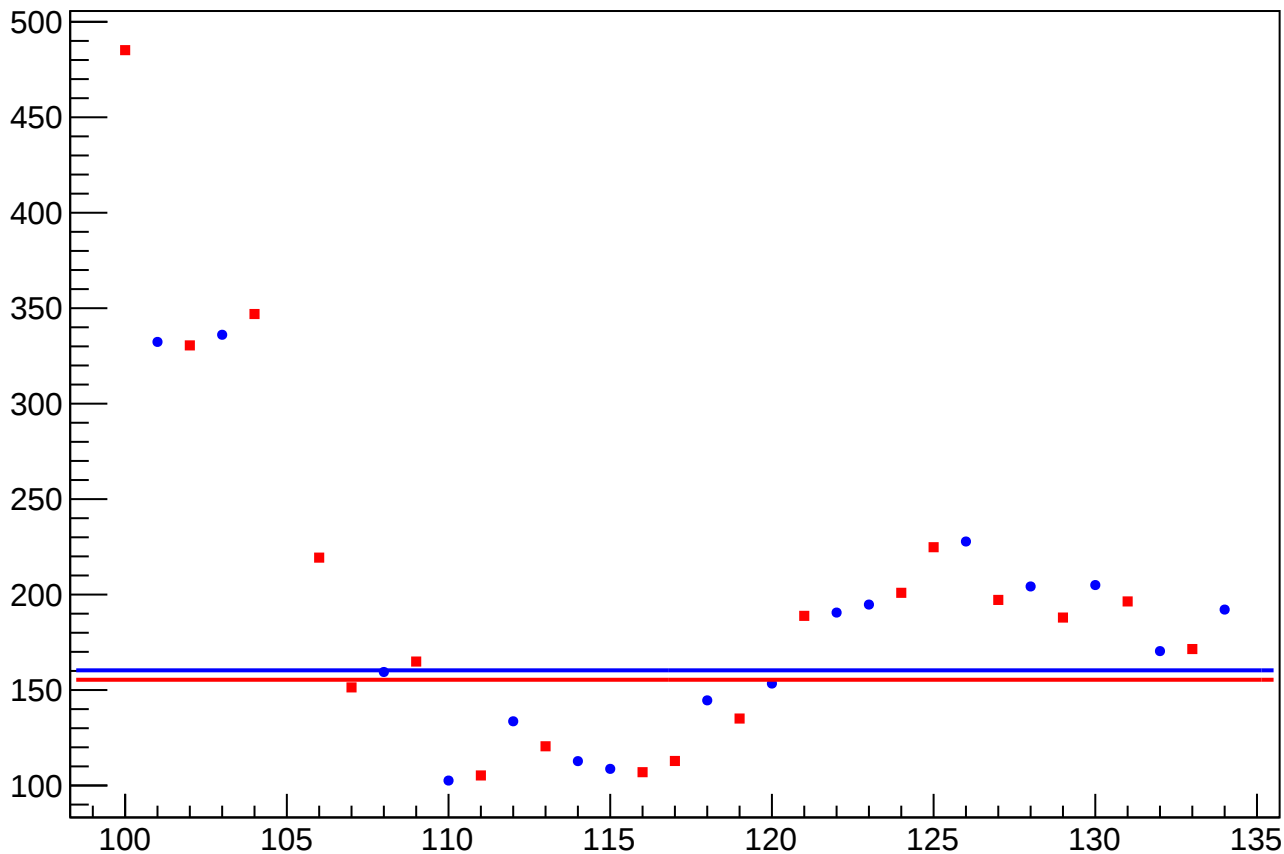
135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

Right Out: 135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

135502.783 $\pm$ 0.066 χ^2 /NDF: 4742018864.5/17

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

yield_bpm0l04WS_rms vs Slug



Right In: 160.322+/-0.051 χ^2/NDF : 1161517.5/15

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

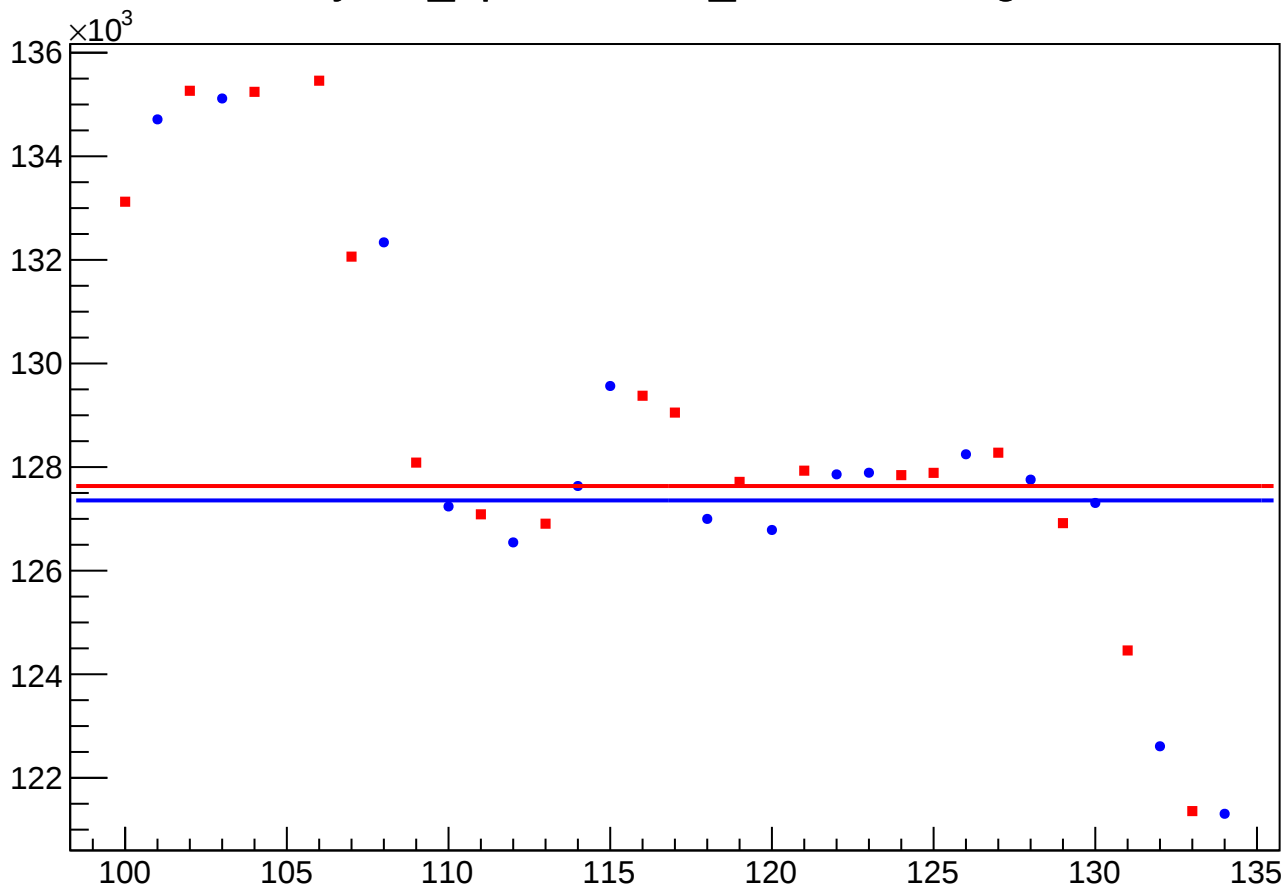
160.322+/-0.051 χ^2/NDF : 1161517.5/15

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: 127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

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

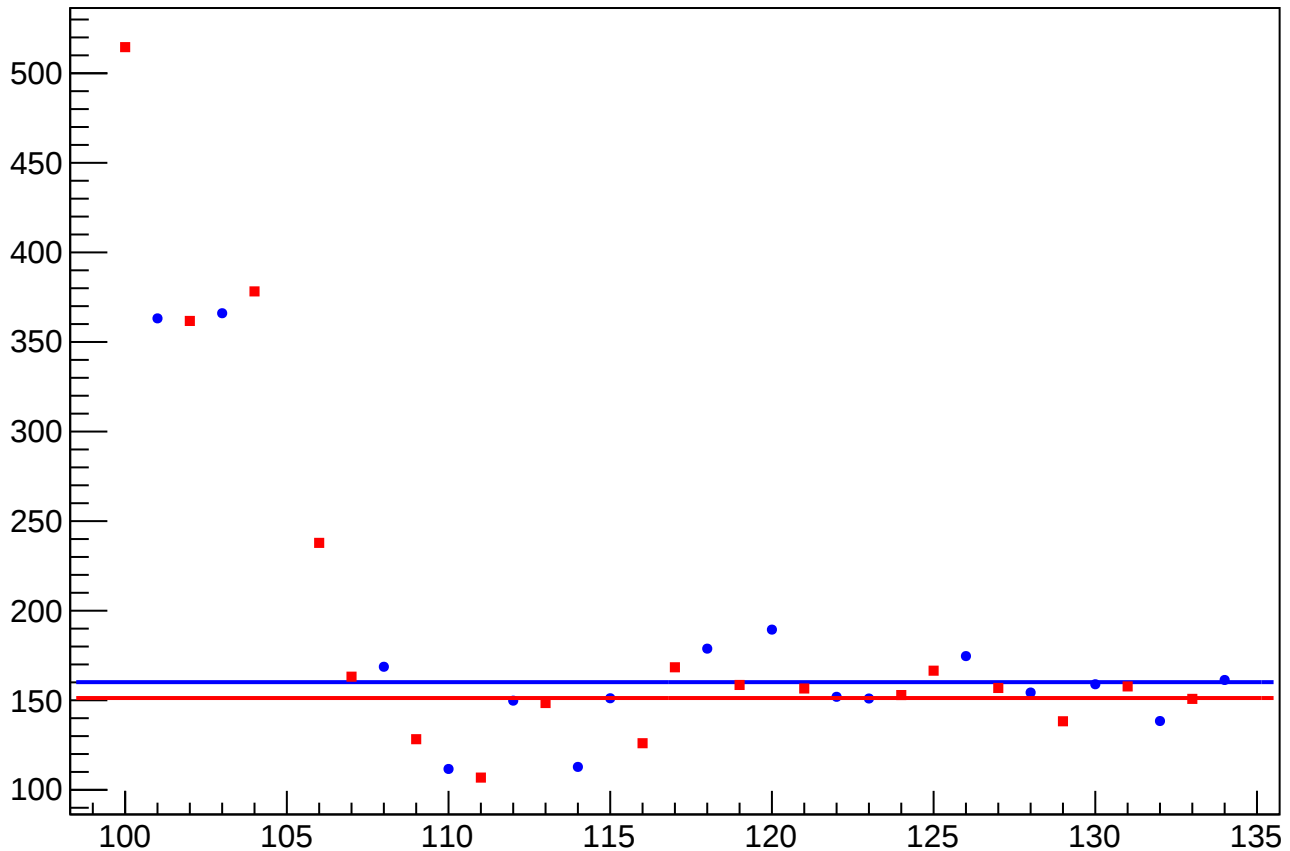
127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

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: 160.121+/-0.050 χ^2/NDF : 942173.4/15

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

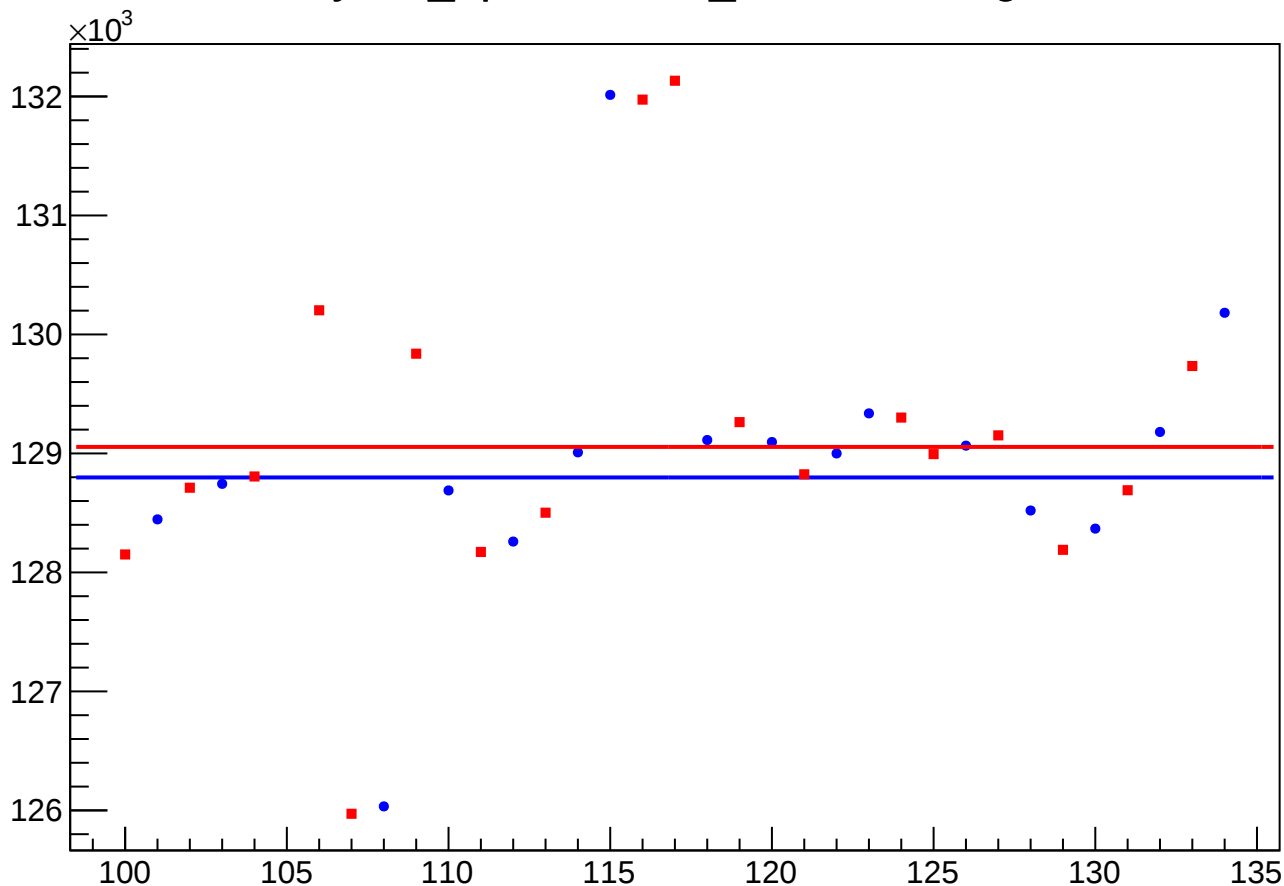
160.121+/-0.050 χ^2/NDF : 942173.4/15

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: 128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

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

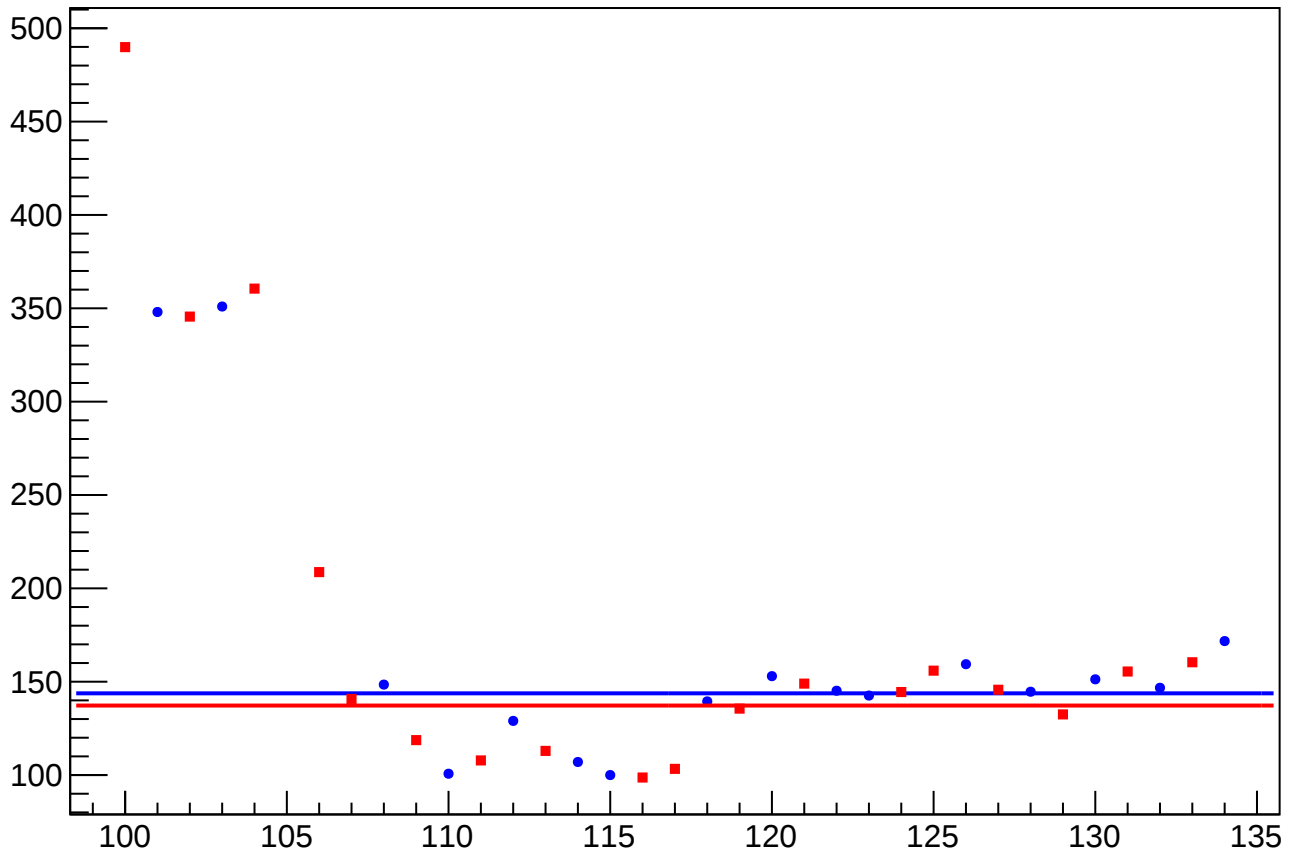
128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

Right Out: 129054.799 $\pm$ 0.057 χ^2 /NDF: 514990090.5/17

129054.799 $\pm$ 0.057 χ^2 /NDF: 514990090.5/17

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

yield_bpm0l06WS_rms vs Slug



Right In: 143.774+/-0.045 χ^2/NDF : 1030847.9/15

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

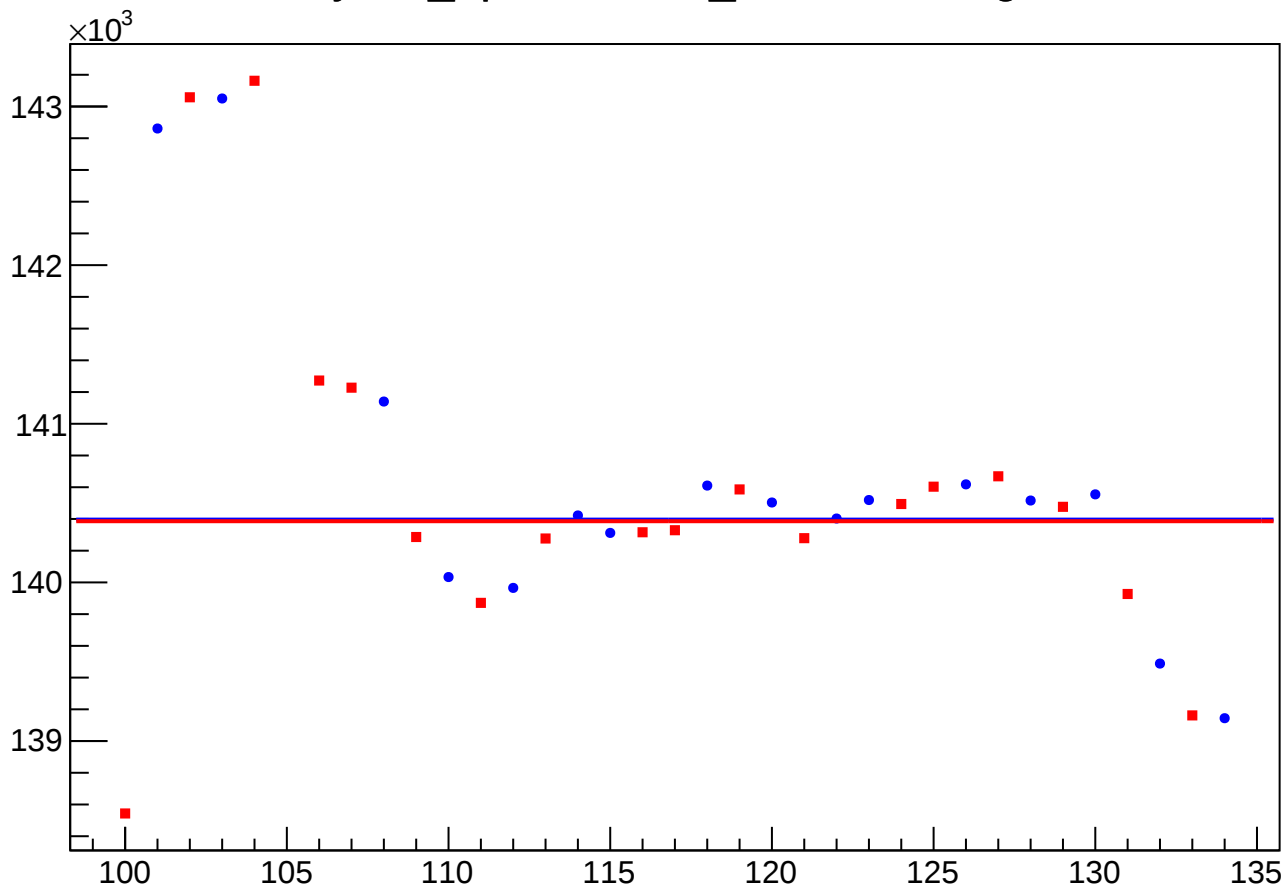
143.774+/-0.045 χ^2/NDF : 1030847.9/15

Right Out: 137.231+/-0.041 χ^2/NDF : 1161120.9/17

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

137.231+/-0.041 χ^2/NDF : 1161120.9/17

yield_bpm0l07WS_mean vs Slug



Right In: 140395.845 $\pm$ 0.068 χ^2 /NDF: 87995181.2/15

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

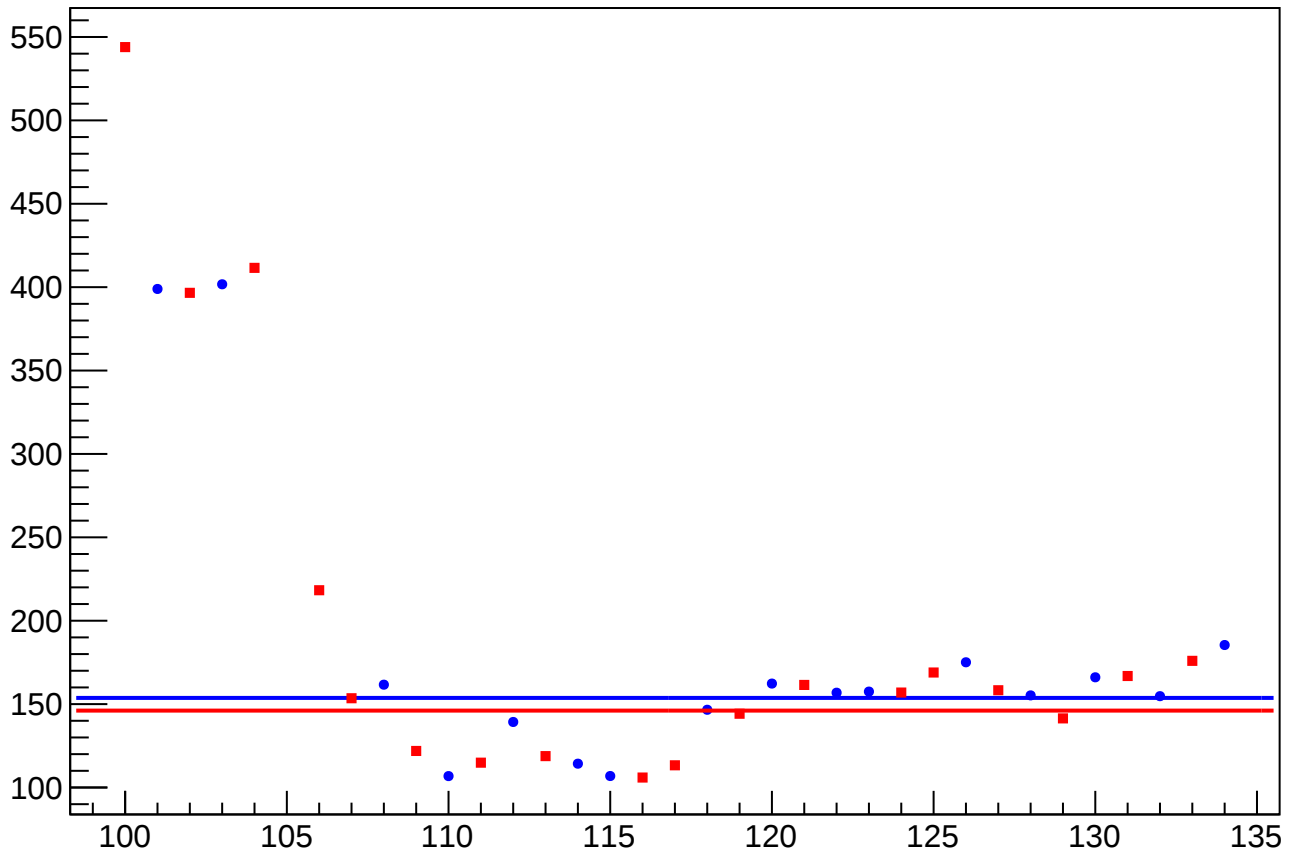
140395.845 $\pm$ 0.068 χ^2 /NDF: 87995181.2/15

Right Out: 140385.780 $\pm$ 0.061 χ^2 /NDF: 98915459.2/17

140385.780 $\pm$ 0.061 χ^2 /NDF: 98915459.2/17

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

yield_bpm0l07WS_rms vs Slug



Right In: 153.717 $\pm$ 0.048 χ^2 /NDF: 1125928.3/15

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

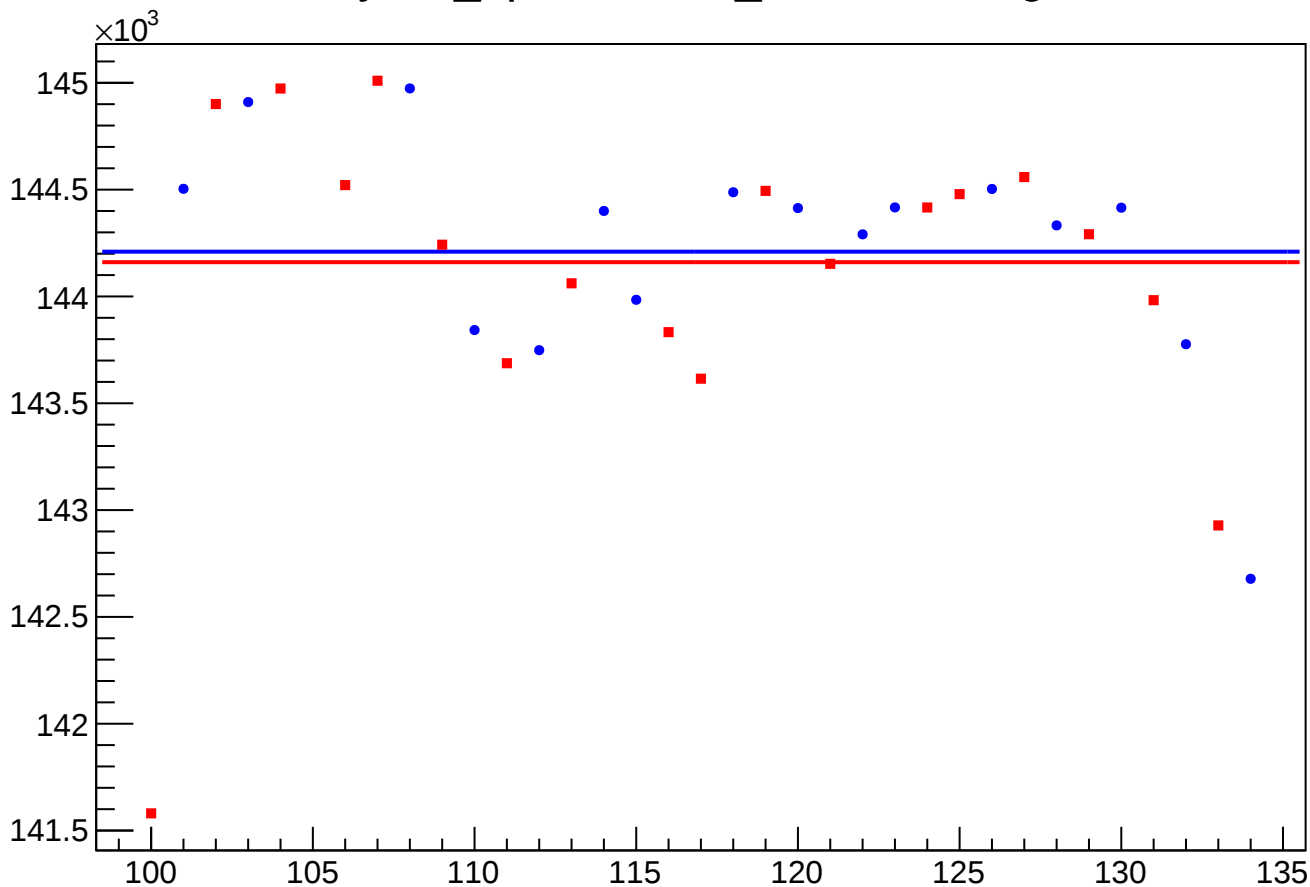
Right Out: 146.110 $\pm$ 0.043 χ^2 /NDF: 1263177.5/17

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

153.717 $\pm$ 0.048 χ^2 /NDF: 1125928.3/15

146.110 $\pm$ 0.043 χ^2 /NDF: 1263177.5/17

yield_bpm0l08WS_mean vs Slug



Right In: 144209.626 $\pm$ 0.071 χ^2 /NDF: 37494096.4/15

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

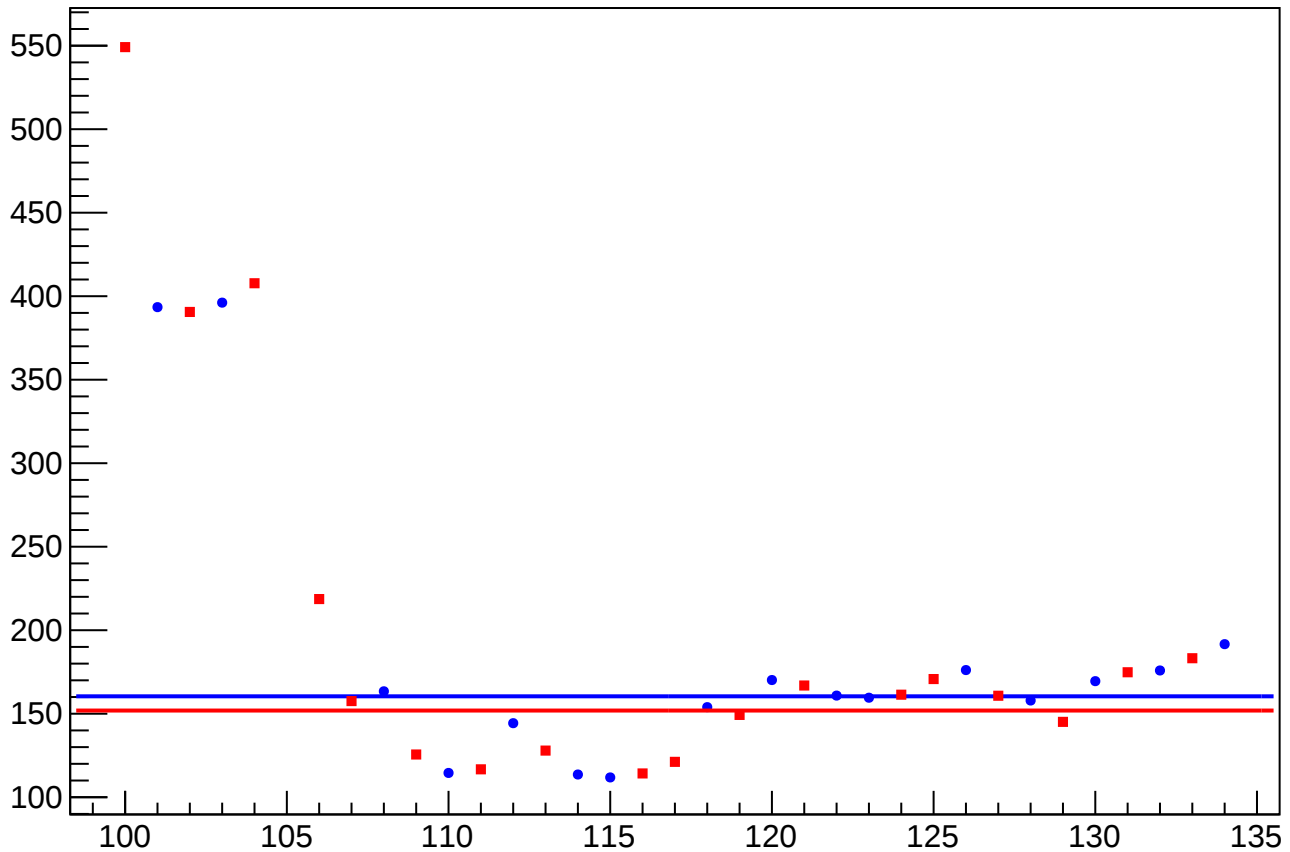
144209.626 $\pm$ 0.071 χ^2 /NDF: 37494096.4/15

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: 160.424 $\pm$ 0.050 χ^2 /NDF: 1047889.2/15

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

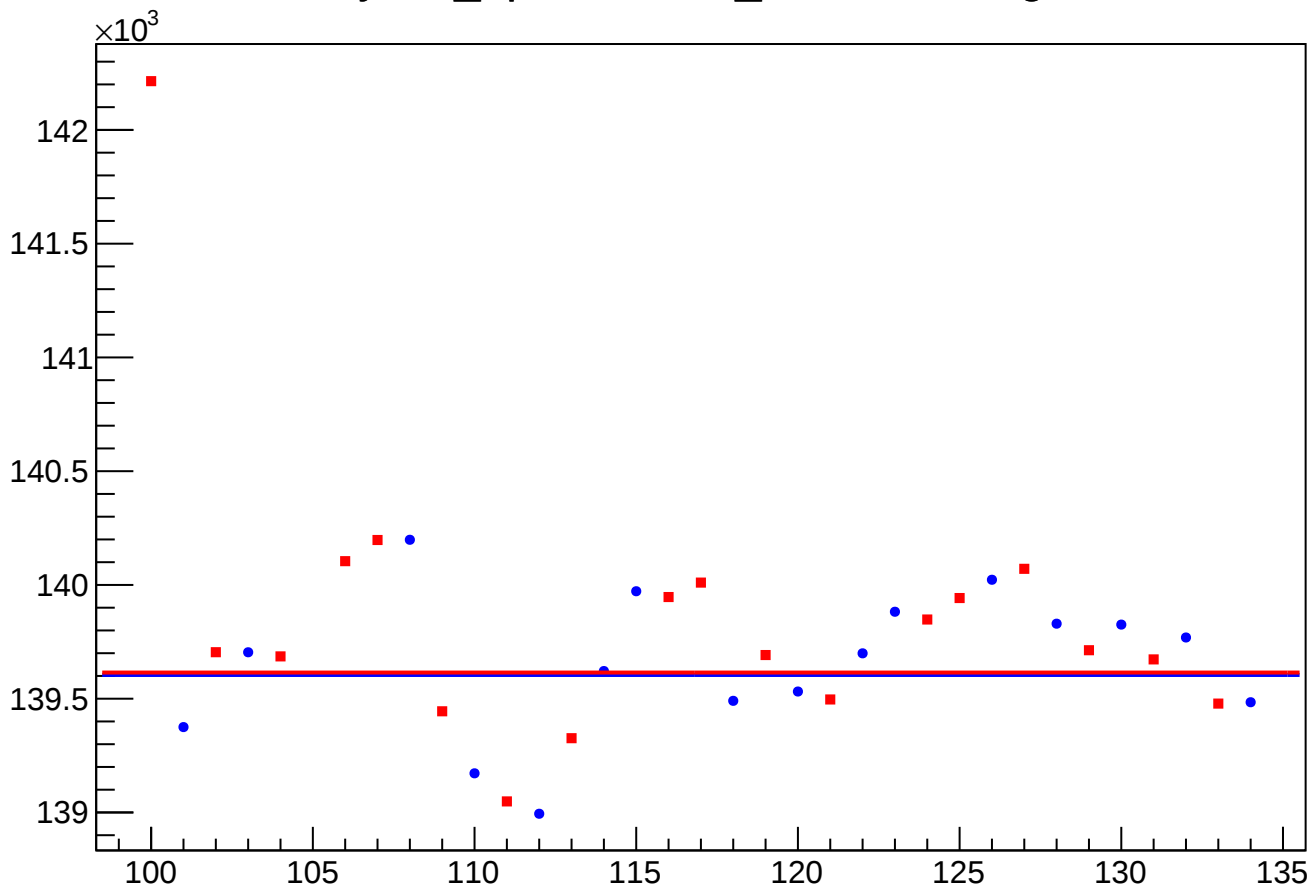
160.424 $\pm$ 0.050 χ^2 /NDF: 1047889.2/15

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: 139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

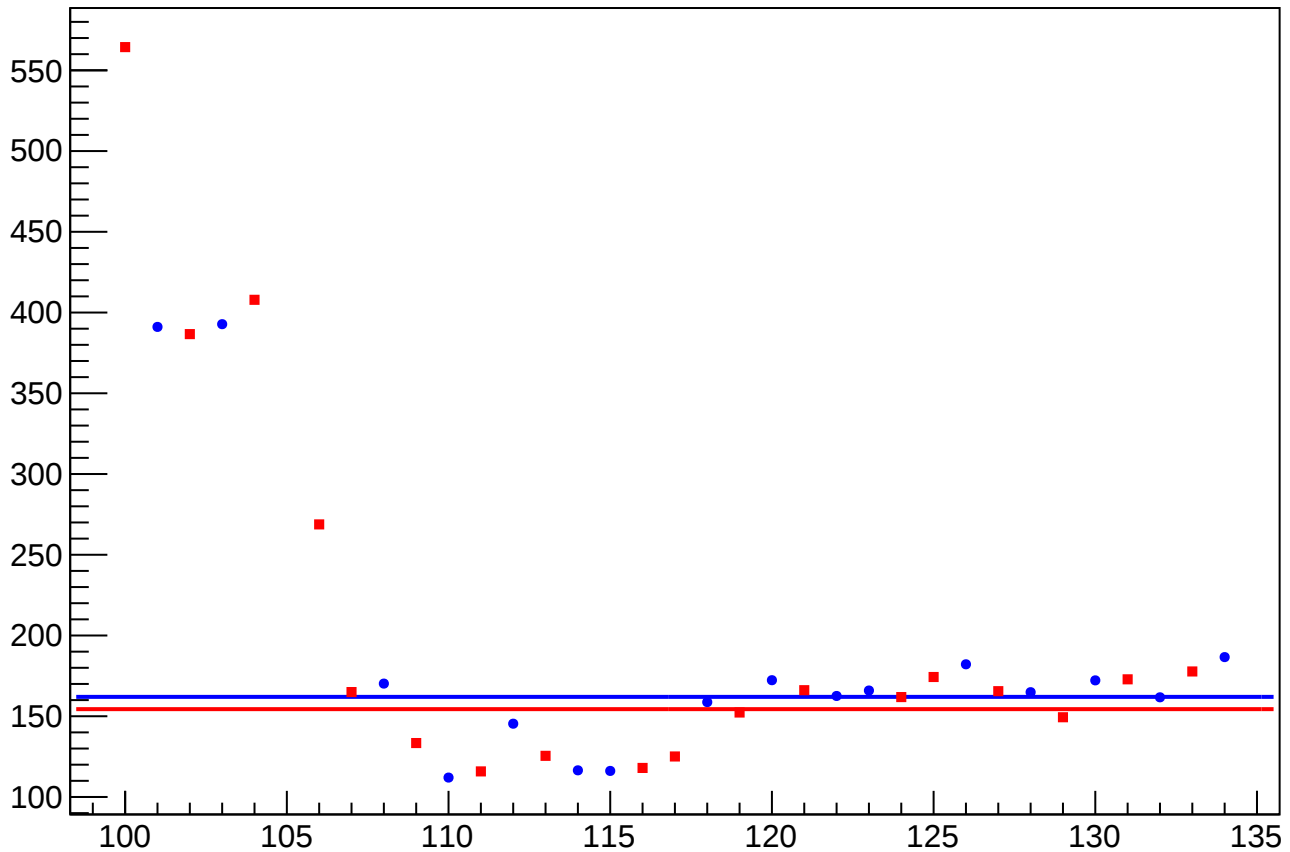
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

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

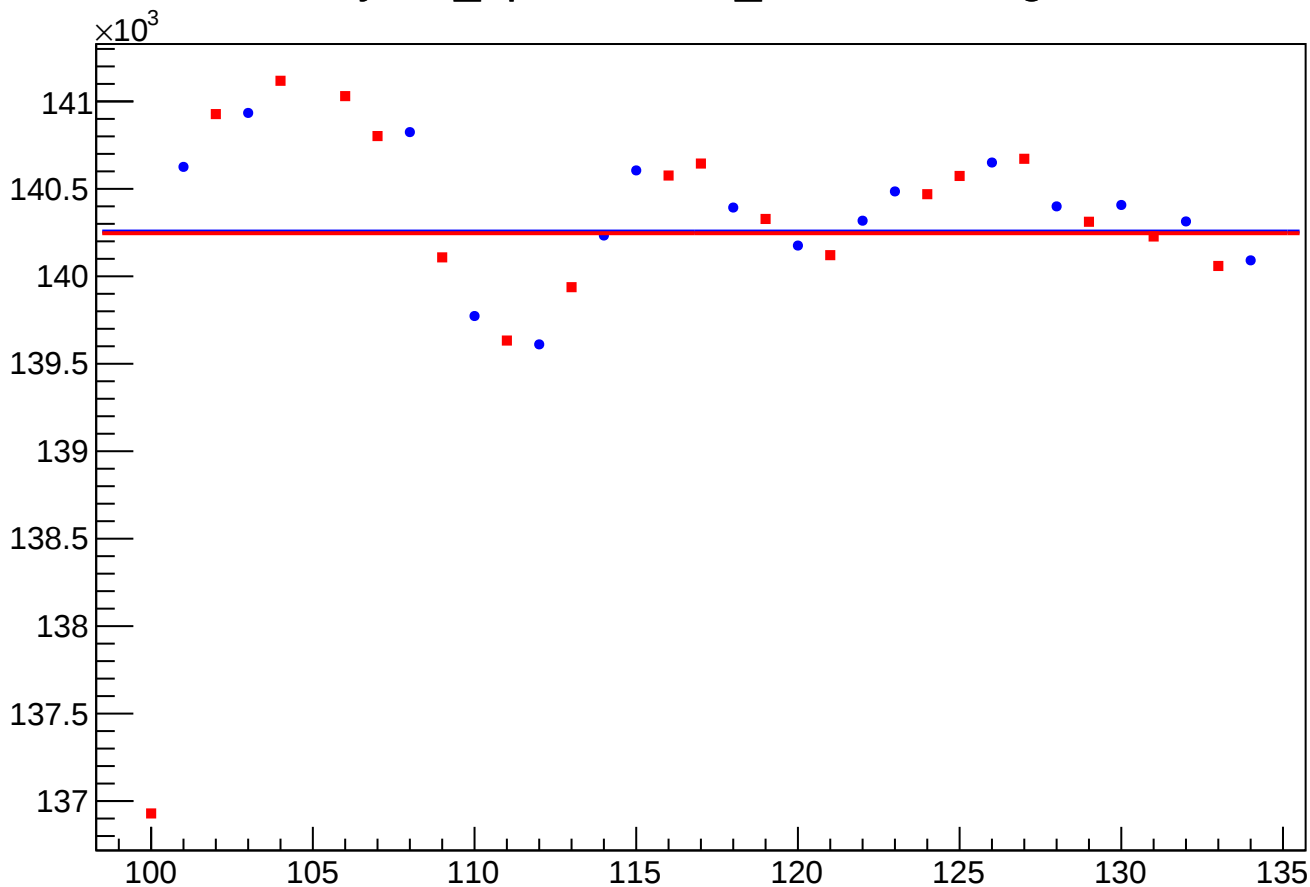
161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

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: 140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

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

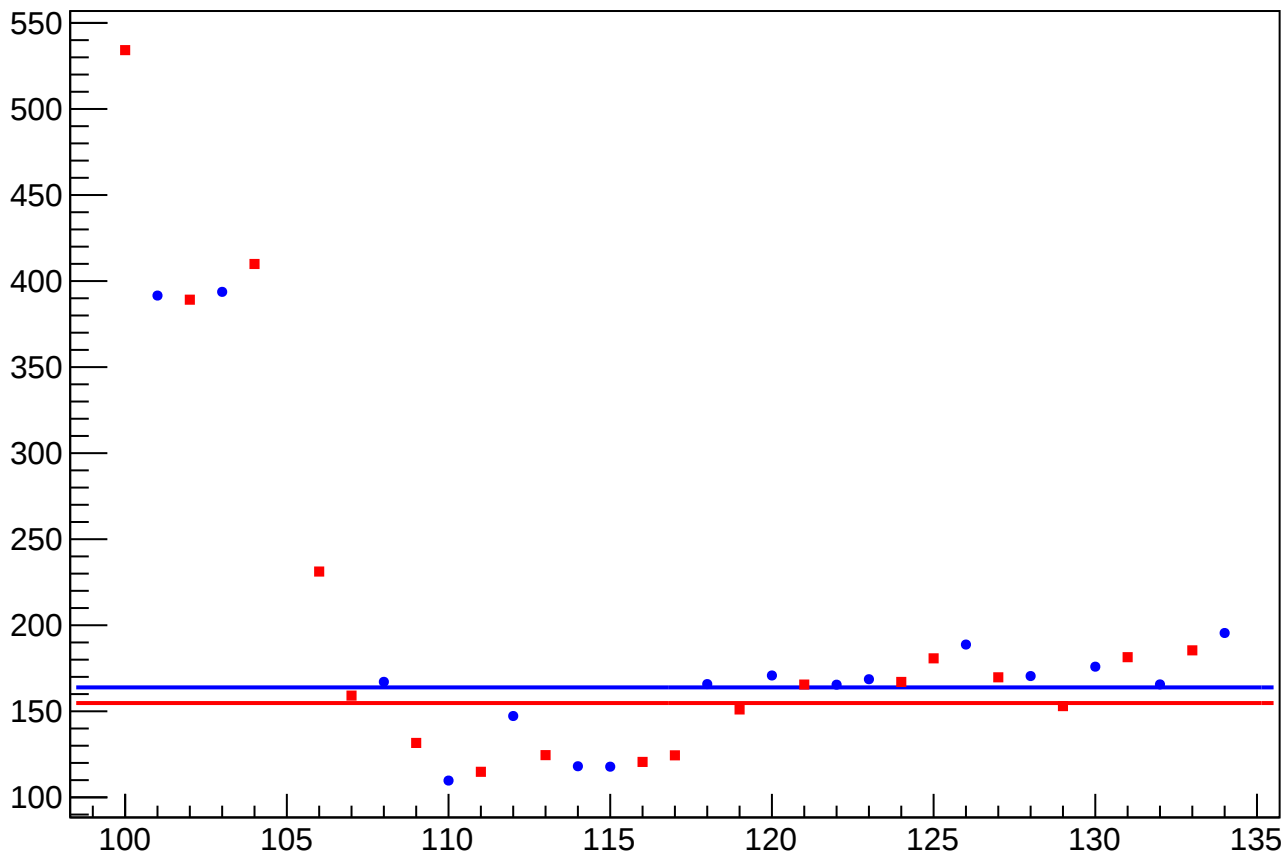
140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

Right Out: 140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

140246.417 $\pm$ 0.065 χ^2 /NDF: 36110125.2/17

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

yield_bpm0l10WS_rms vs Slug



Right In: 163.891+/-0.051 χ^2/NDF : 1059238.6/15

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

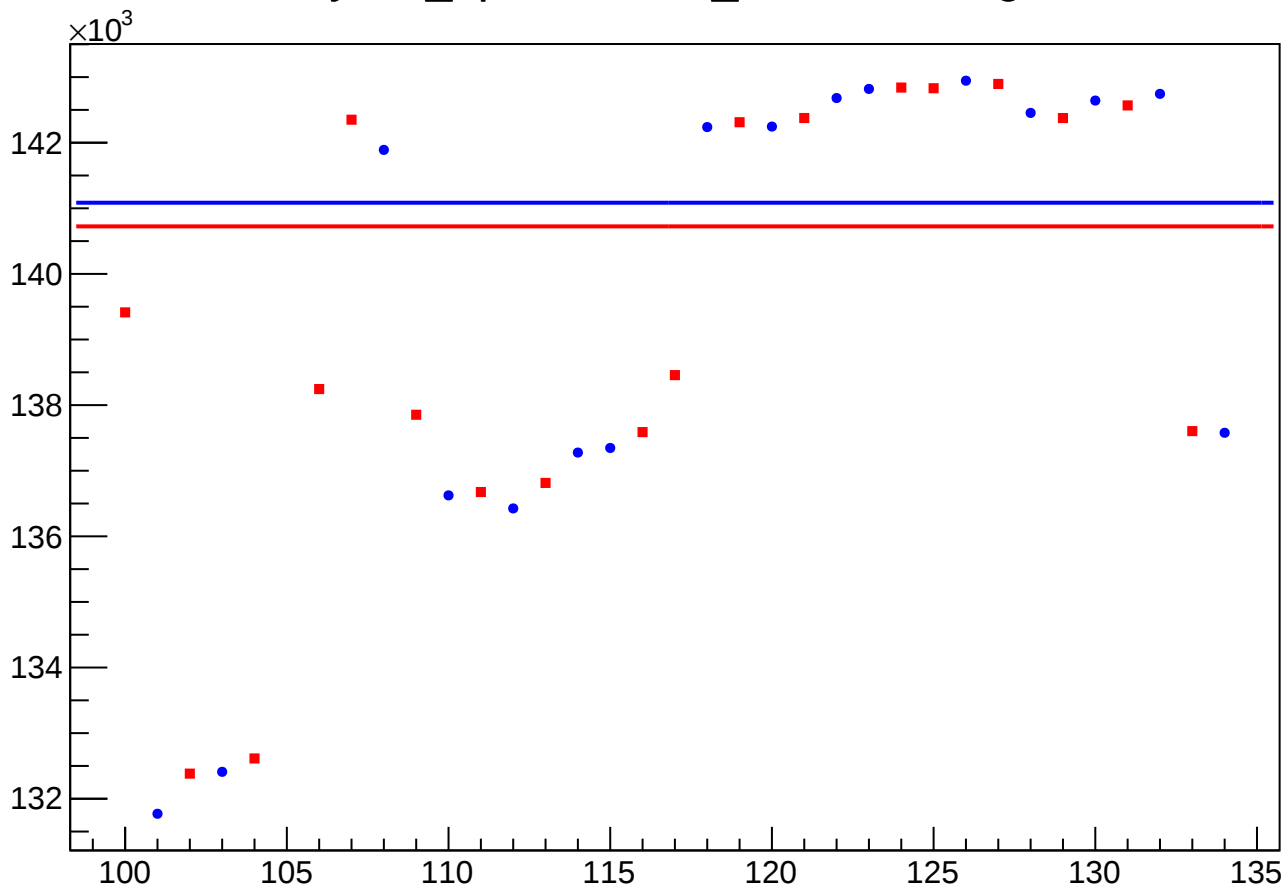
Right Out: 154.791+/-0.046 χ^2/NDF : 1193856.0/17

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

163.891+/-0.051 χ^2/NDF : 1059238.6/15

154.791+/-0.046 χ^2/NDF : 1193856.0/17

yield_bpm0r03WS_mean vs Slug



Right In: 141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

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

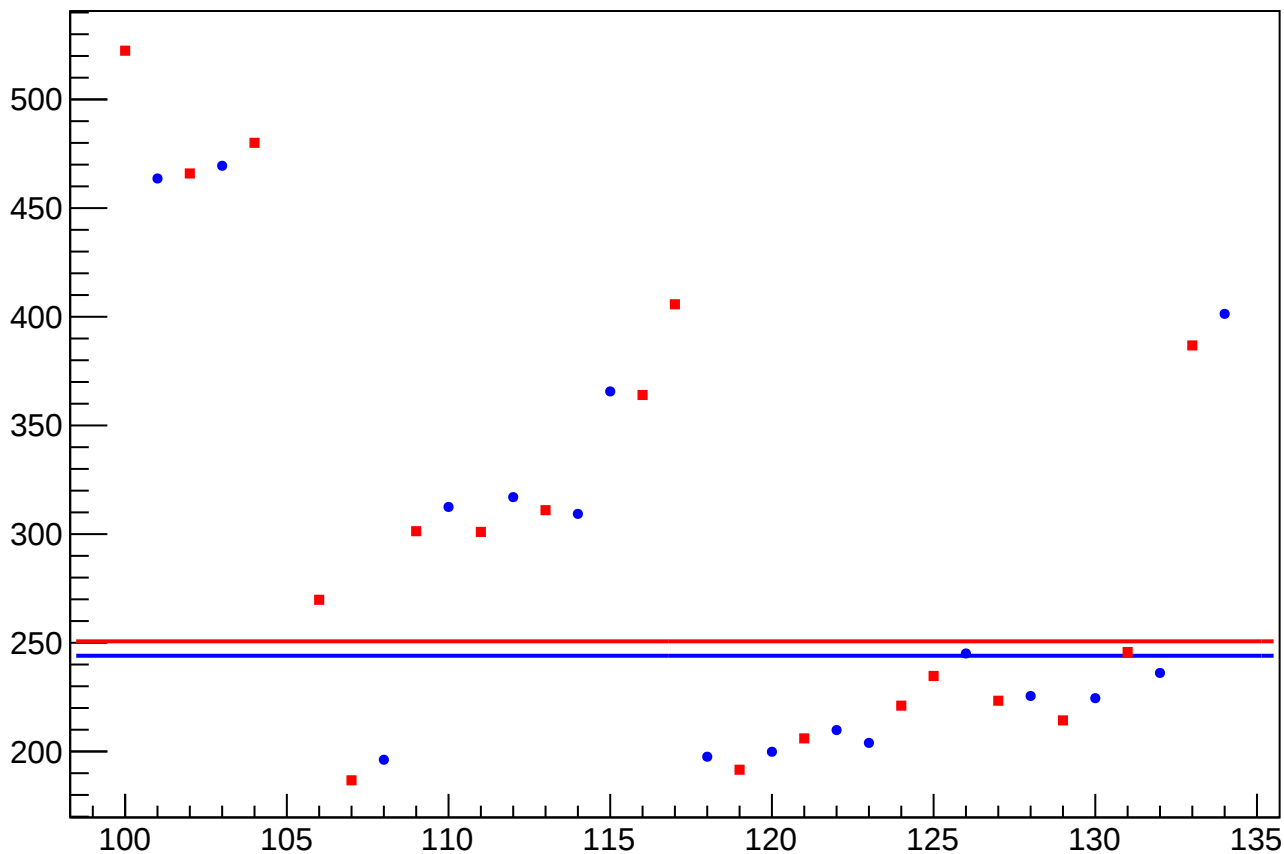
Right Out: 140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

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

141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

140724.634 $\pm$ 0.104 χ^2 /NDF: 781140295.3/17

yield_bpm0r03WS_rms vs Slug



Right In: 244.037 $\pm$ 0.076 χ^2 /NDF: 867710.2/15

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

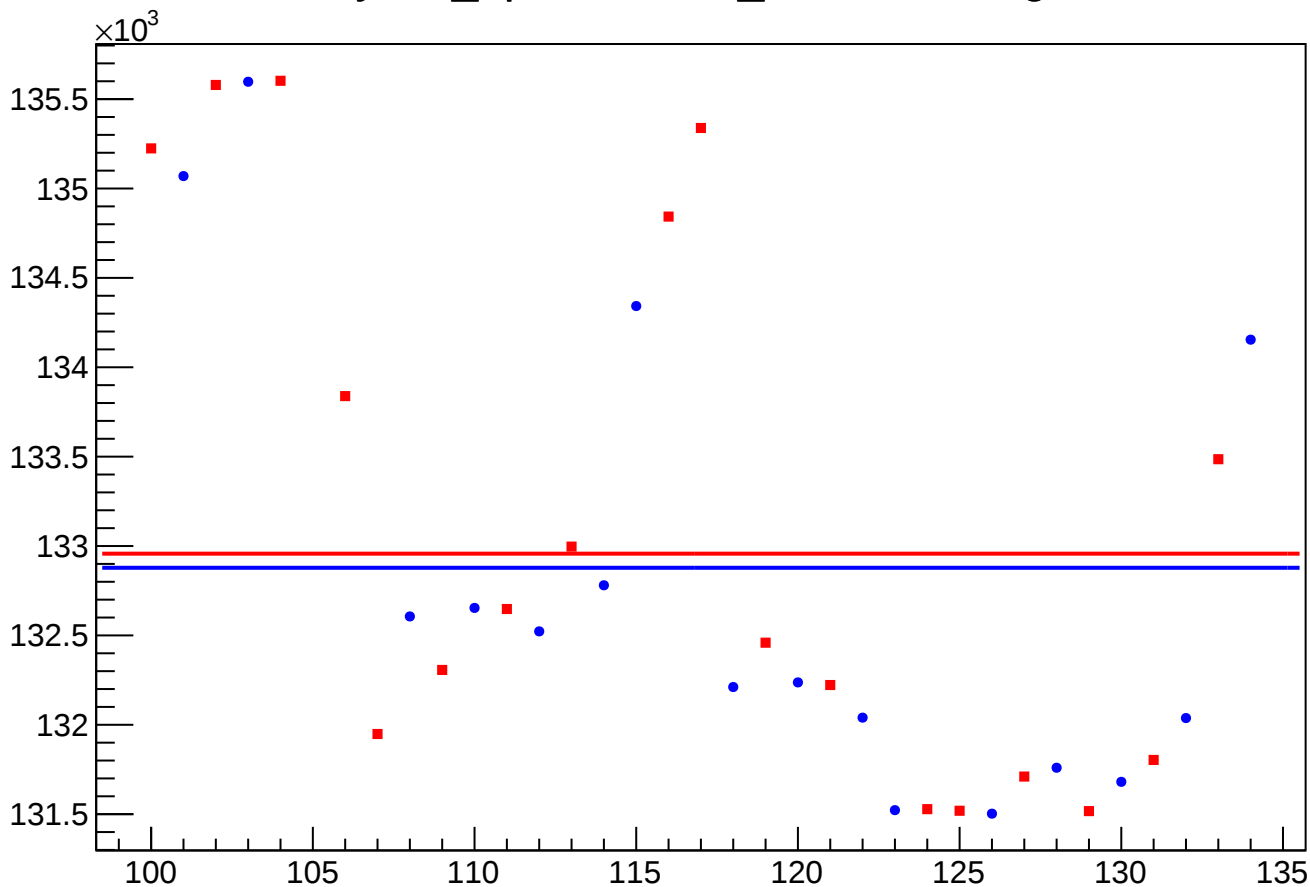
244.037 $\pm$ 0.076 χ^2 /NDF: 867710.2/15

Right Out: 250.670 $\pm$ 0.074 χ^2 /NDF: 995597.5/17

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

250.670 $\pm$ 0.074 χ^2 /NDF: 995597.5/17

yield_bpm0r05WS_mean vs Slug



Right In: 132878.390 $\pm$ 0.125 χ^2 /NDF: 81722350.8/15

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

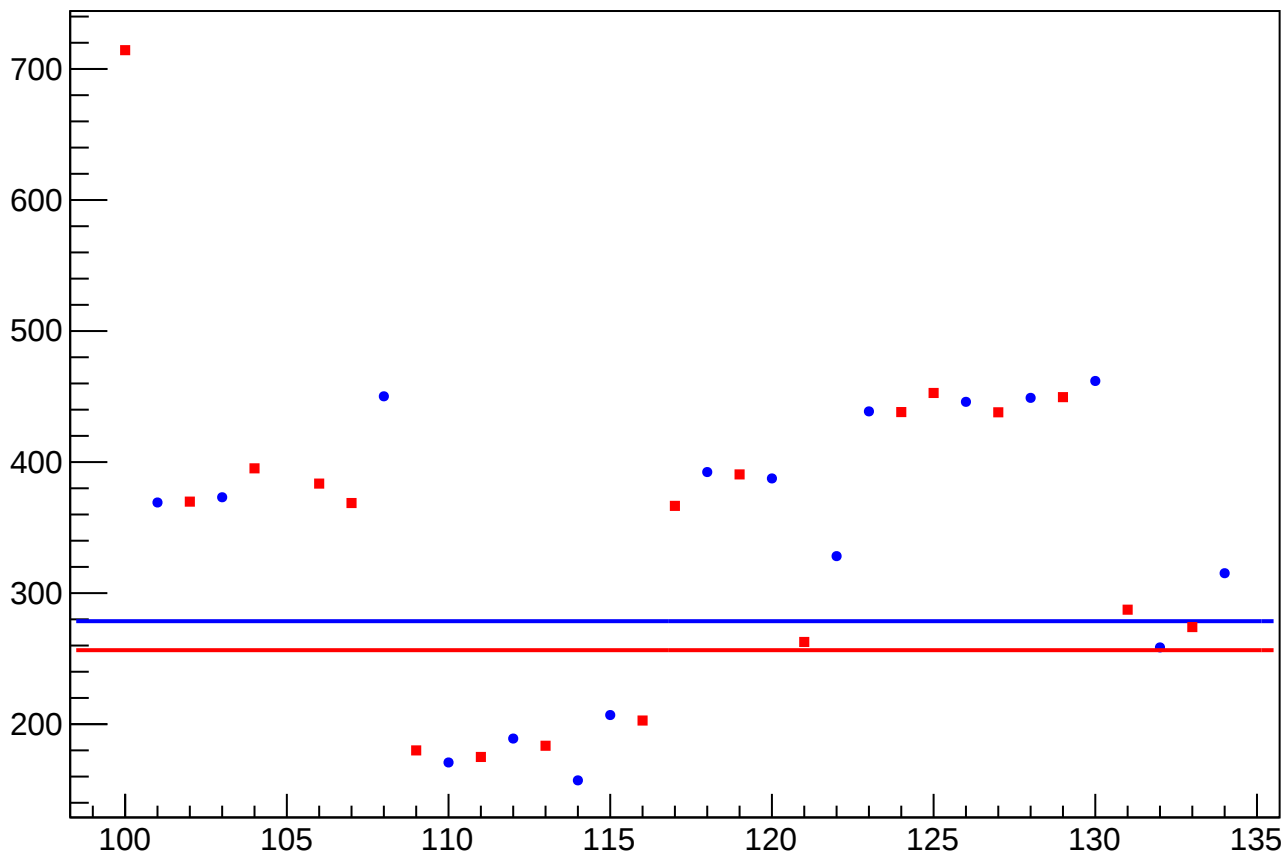
Right Out: 132957.315 $\pm$ 0.110 χ^2 /NDF: 107022354.2/17

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

132878.390 $\pm$ 0.125 χ^2 /NDF: 81722350.8/15

132957.315 $\pm$ 0.110 χ^2 /NDF: 107022354.2/17

yield_bpm0r05WS_rms vs Slug



Right In: 278.589+/-0.088 χ^2/NDF : 1442275.9/15

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

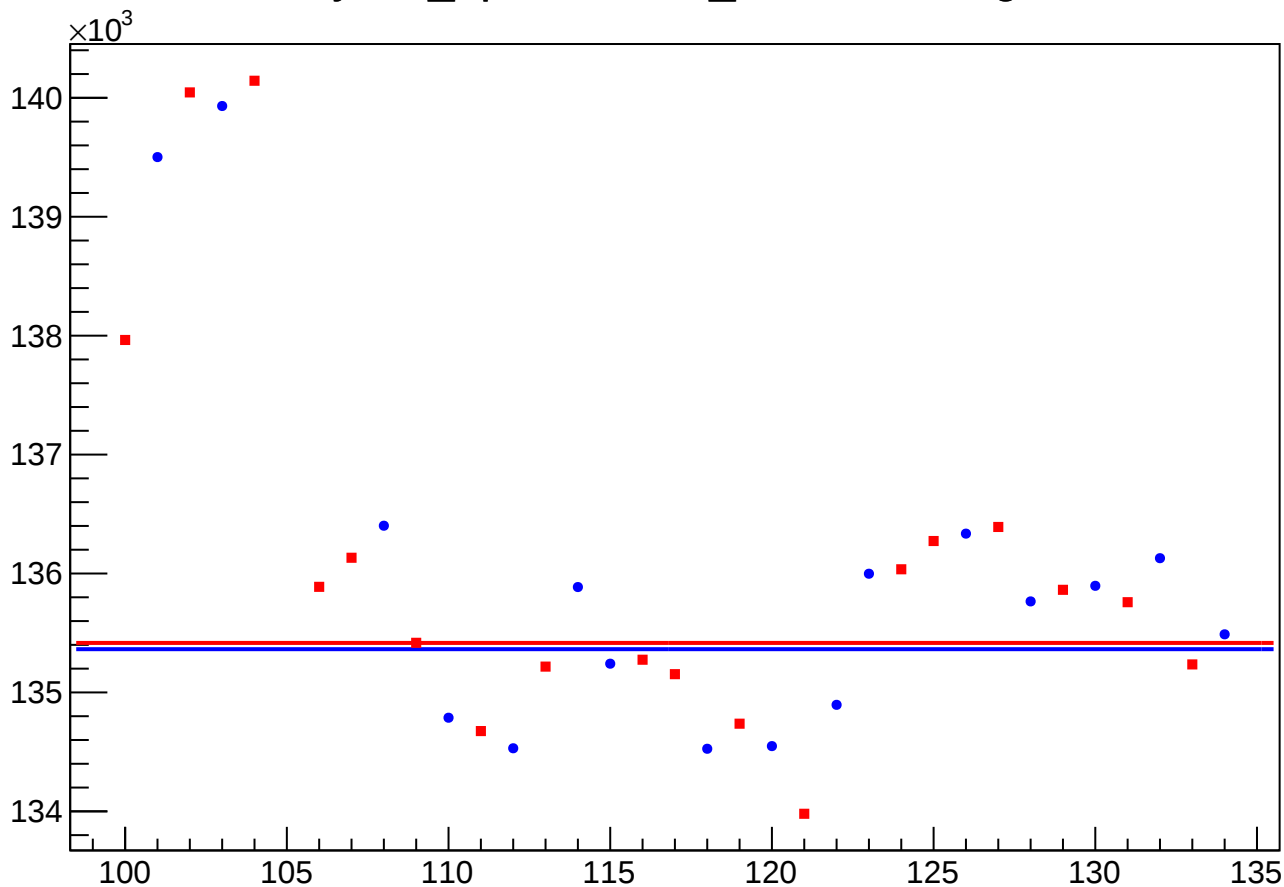
Right Out: 256.461+/-0.078 χ^2/NDF : 1523397.2/17

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

278.589+/-0.088 χ^2/NDF : 1442275.9/15

256.461+/-0.078 χ^2/NDF : 1523397.2/17

yield_bpm0i02WS_mean vs Slug



Right In: 135363.633 $\pm$ 0.057 χ^2/NDF : 307719904.8/15

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

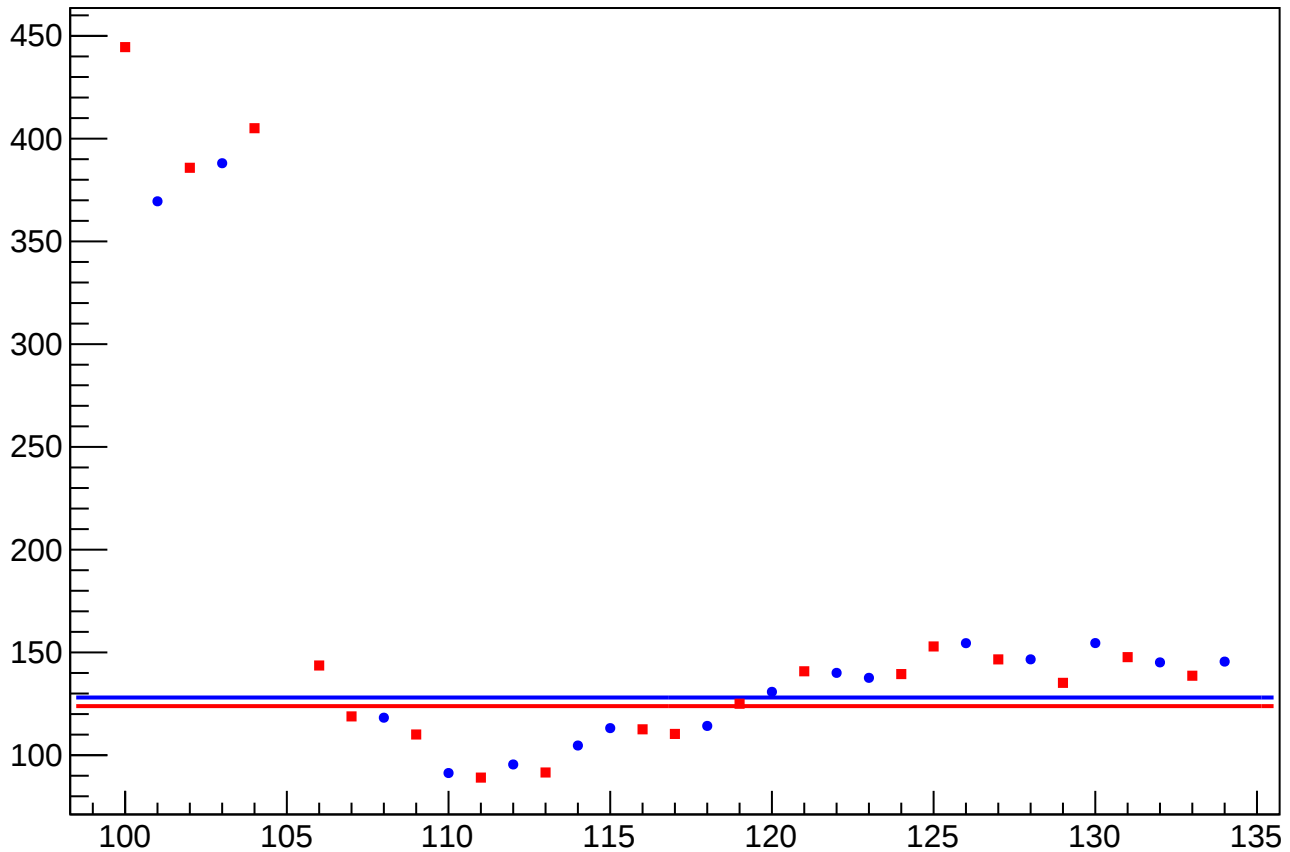
Right Out: 135416.219 $\pm$ 0.053 χ^2/NDF : 287546112.8/17

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

135363.633 $\pm$ 0.057 χ^2/NDF : 307719904.8/15

135416.219 $\pm$ 0.053 χ^2/NDF : 287546112.8/17

yield_bpm0i02WS_rms vs Slug



Right In: 128.063 $\pm$ 0.041 χ^2 /NDF: 1336660.4/15

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

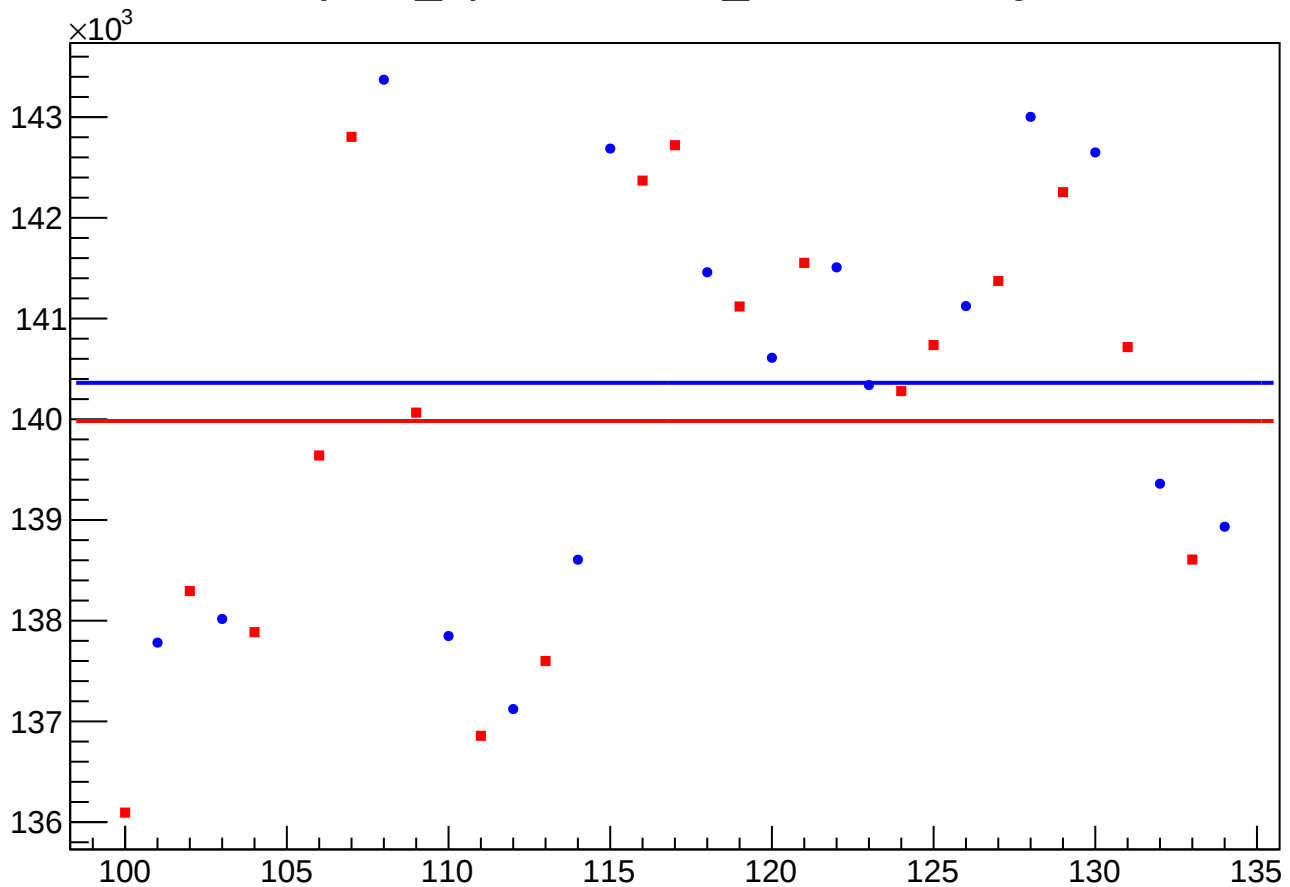
128.063 $\pm$ 0.041 χ^2 /NDF: 1336660.4/15

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: 140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

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

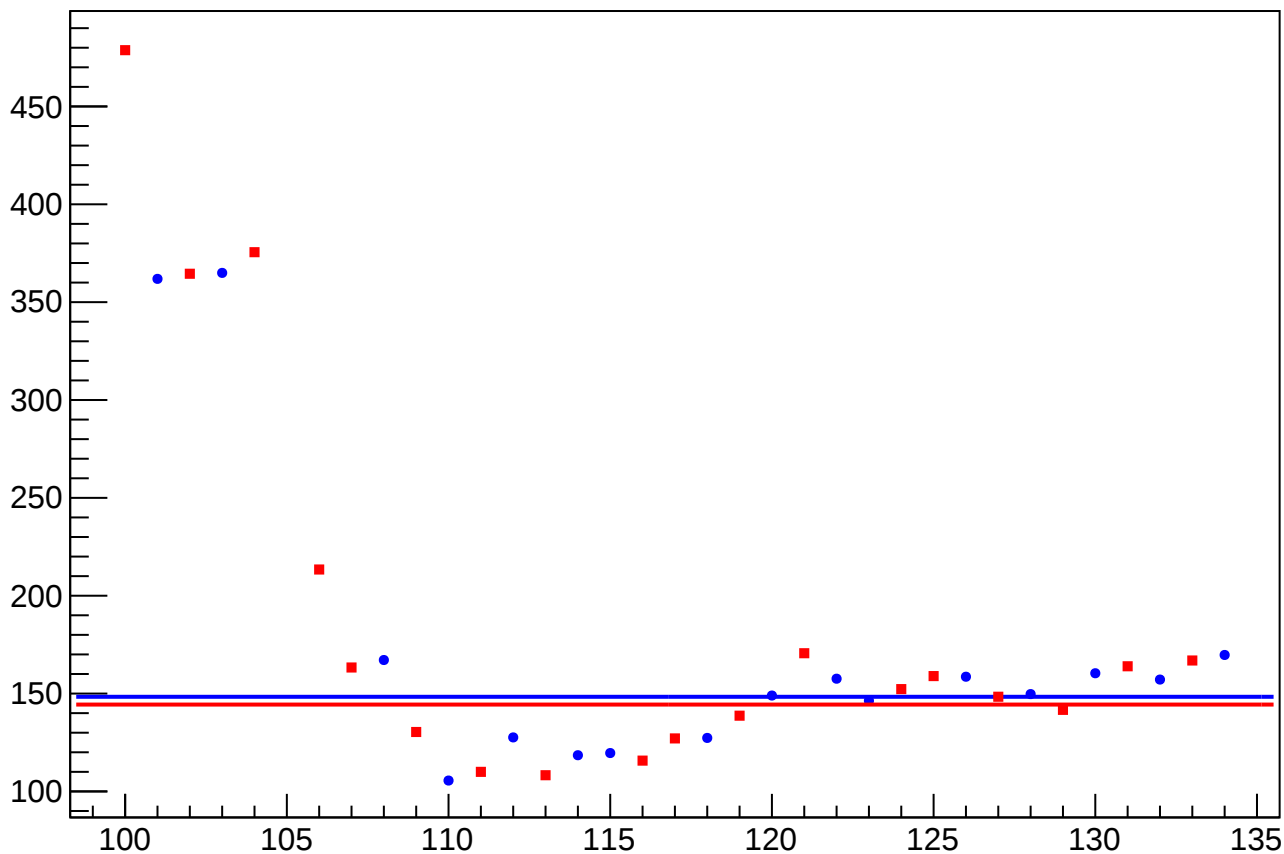
140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

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: 148.355+/-0.046 χ^2/NDF : 1025464.5/15

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

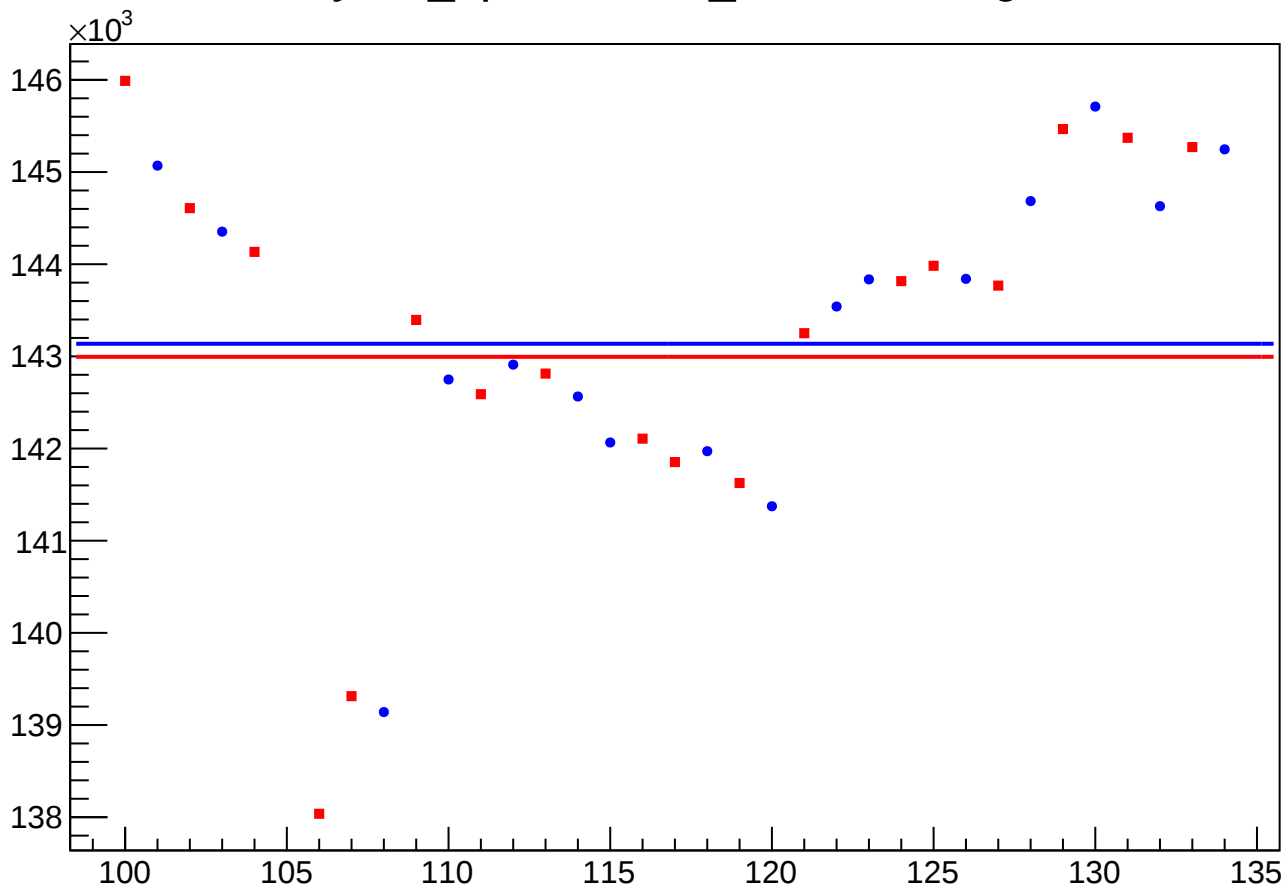
Right Out: 144.380+/-0.043 χ^2/NDF : 1165522.1/17

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

148.355+/-0.046 χ^2/NDF : 1025464.5/15

144.380+/-0.043 χ^2/NDF : 1165522.1/17

yield_bpm0i05WS_mean vs Slug



Right In: 143136.681 $\pm$ 0.069 χ^2 /NDF: 616418025.8/15

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

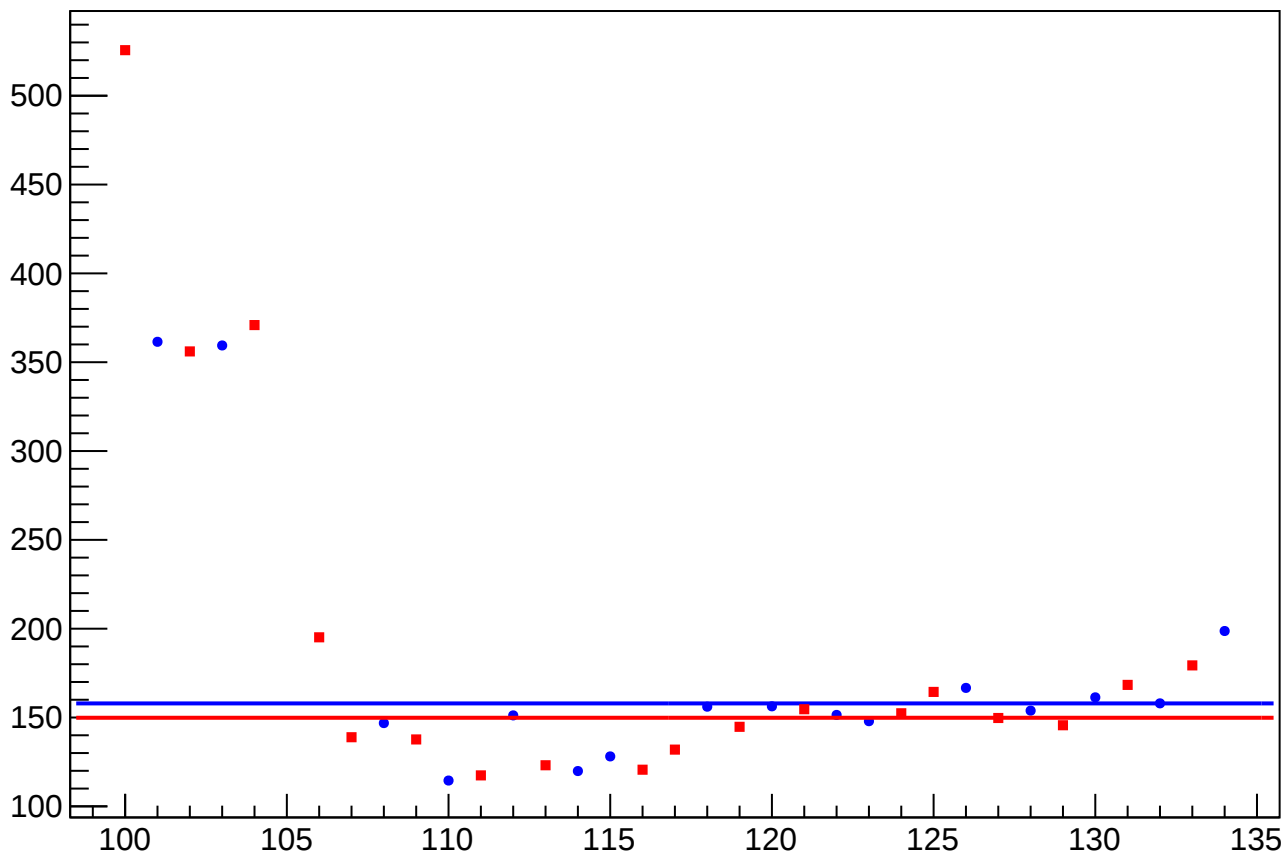
143136.681 $\pm$ 0.069 χ^2 /NDF: 616418025.8/15

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: 157.939+/-0.049 χ^2/NDF : 883245.2/15

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

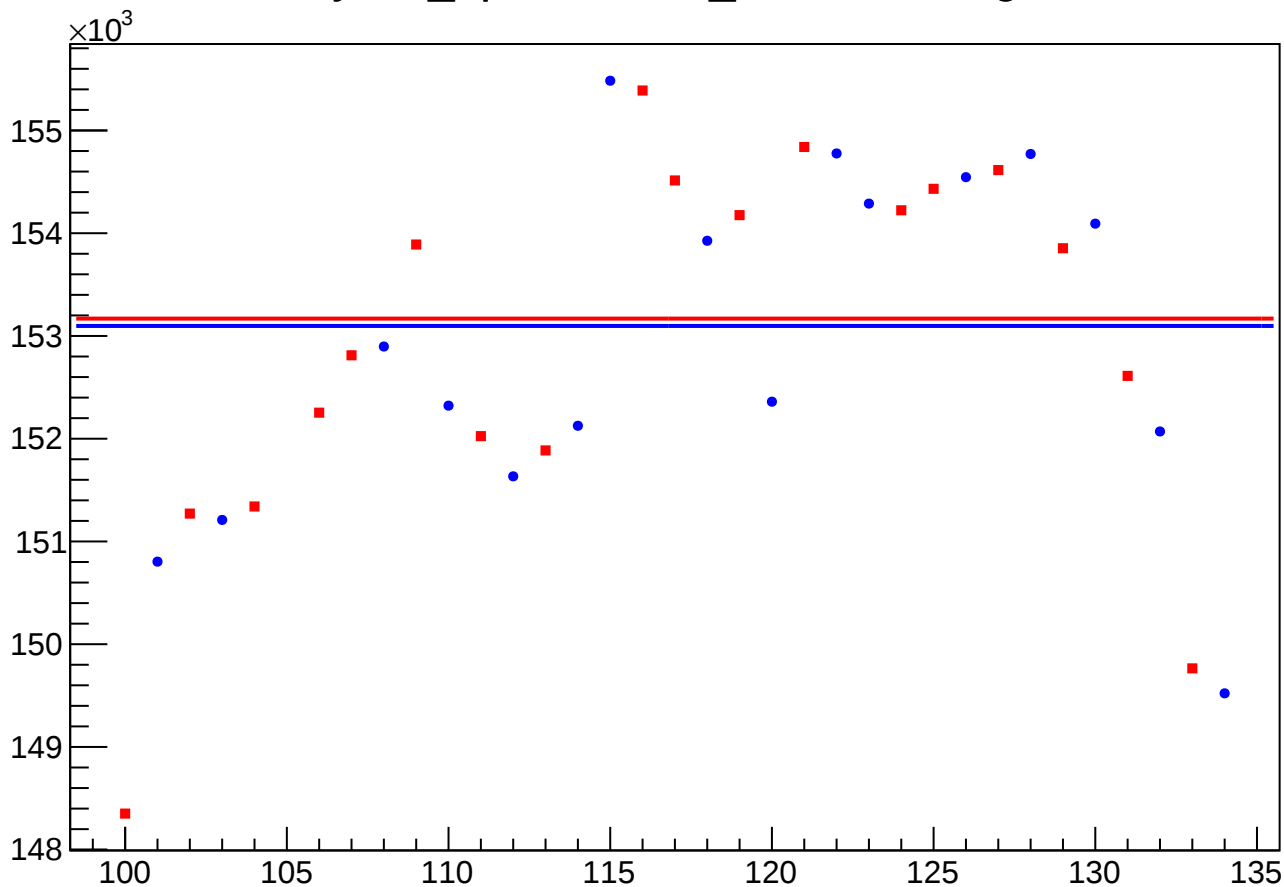
Right Out: 149.861+/-0.044 χ^2/NDF : 995911.0/17

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

157.939+/-0.049 χ^2/NDF : 883245.2/15

149.861+/-0.044 χ^2/NDF : 995911.0/17

yield_bpm0i07WS_mean vs Slug



Right In: 153097.500 $\pm$ 0.078 χ^2 /NDF: 340515335.1/15

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

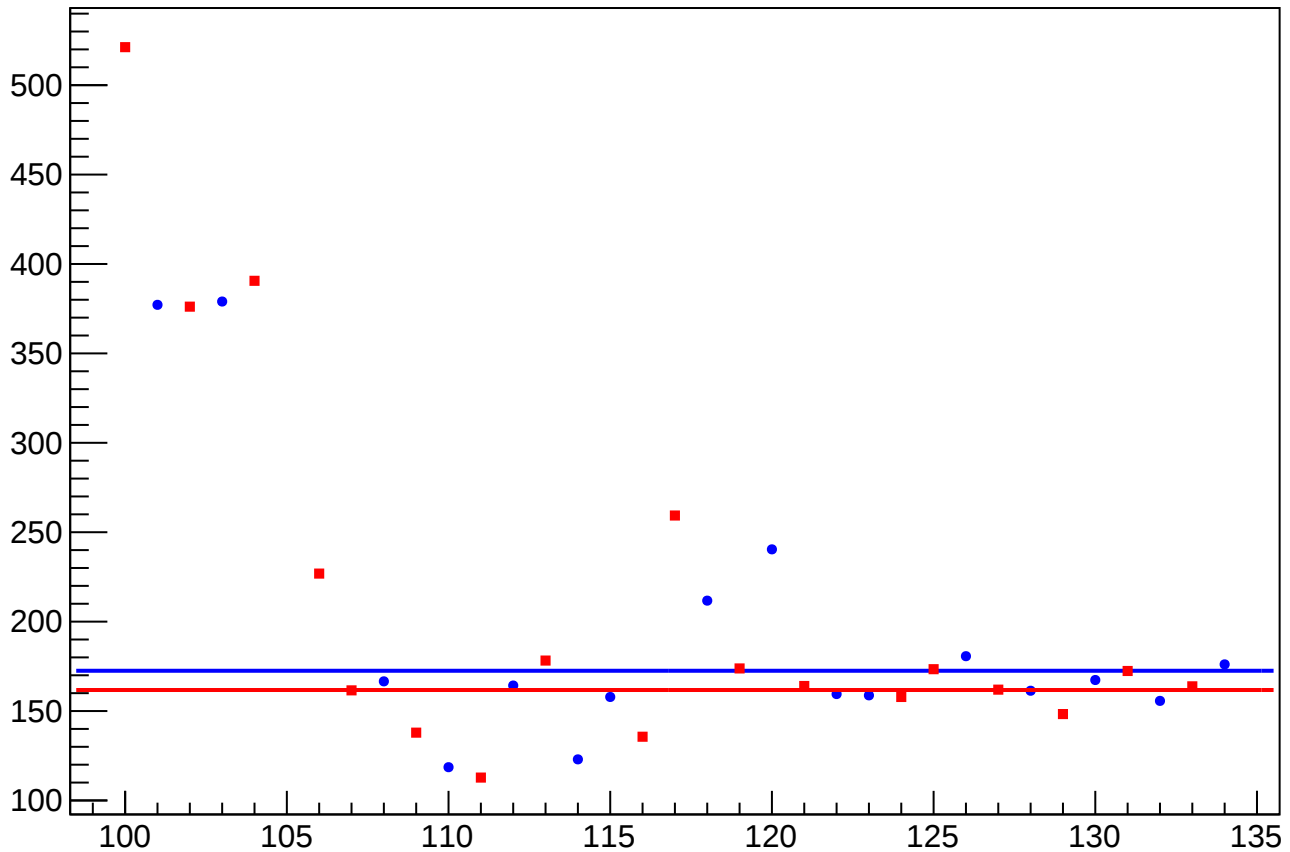
Right Out: 153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

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

153097.500 $\pm$ 0.078 χ^2 /NDF: 340515335.1/15

153169.154 $\pm$ 0.069 χ^2 /NDF: 468908056.4/17

yield_bpm0i07WS_rms vs Slug



Right In: 172.525+/-0.055 χ^2/NDF : 941580.3/15

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

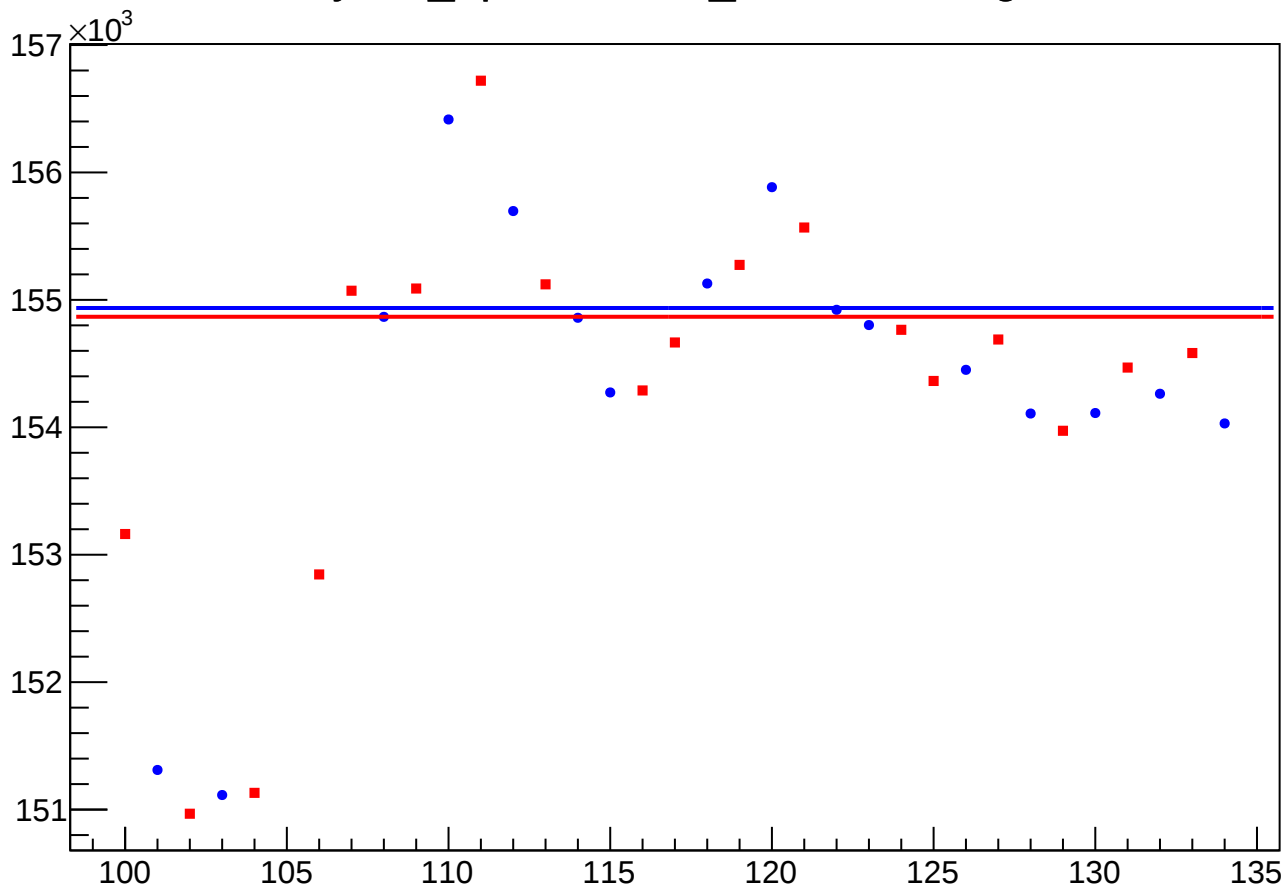
172.525+/-0.055 χ^2/NDF : 941580.3/15

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: 154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

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

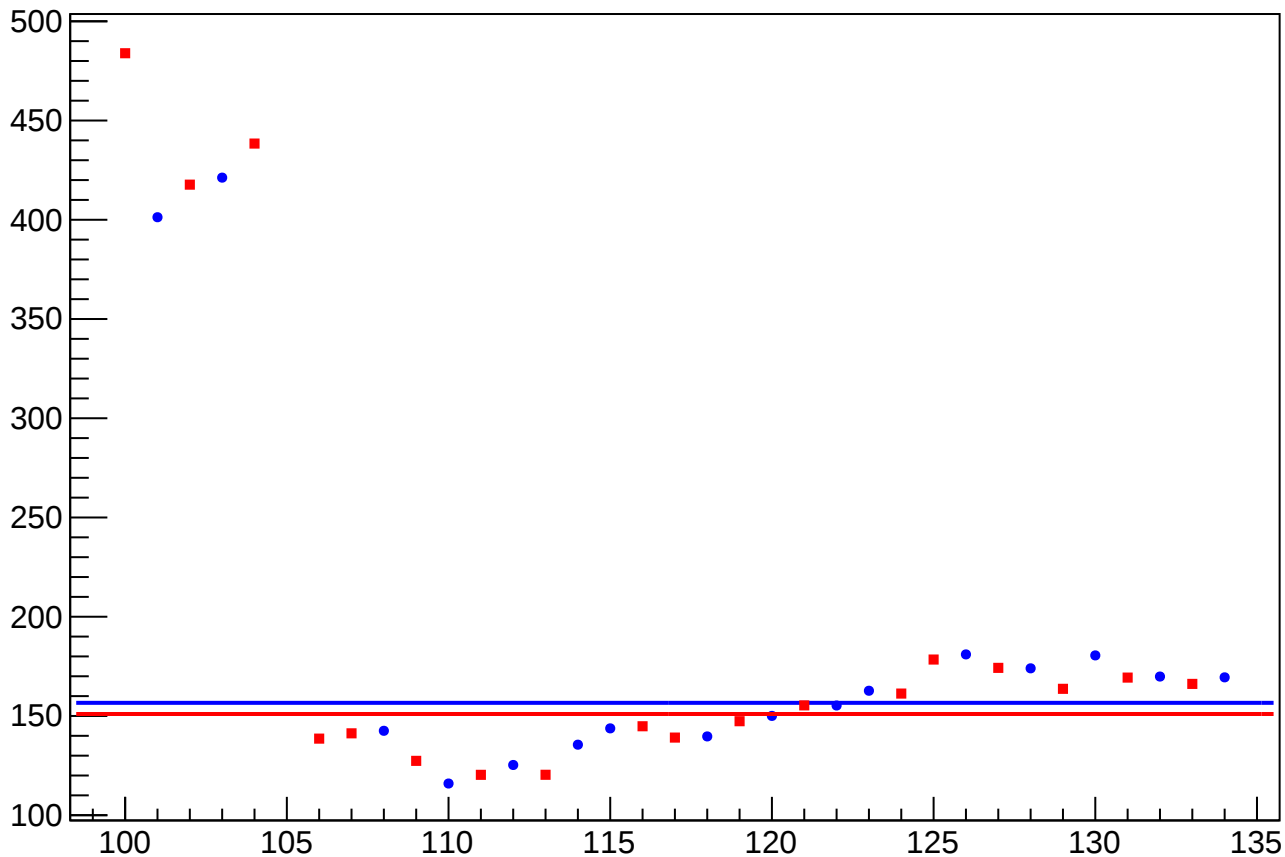
Right Out: 154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

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

154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

154867.455 $\pm$ 0.063 χ^2 /NDF: 284179158.8/17

yield_bpm1i02WS_rms vs Slug



Right In: 156.618 $\pm$ 0.049 χ^2 /NDF: 1097778.3/15

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

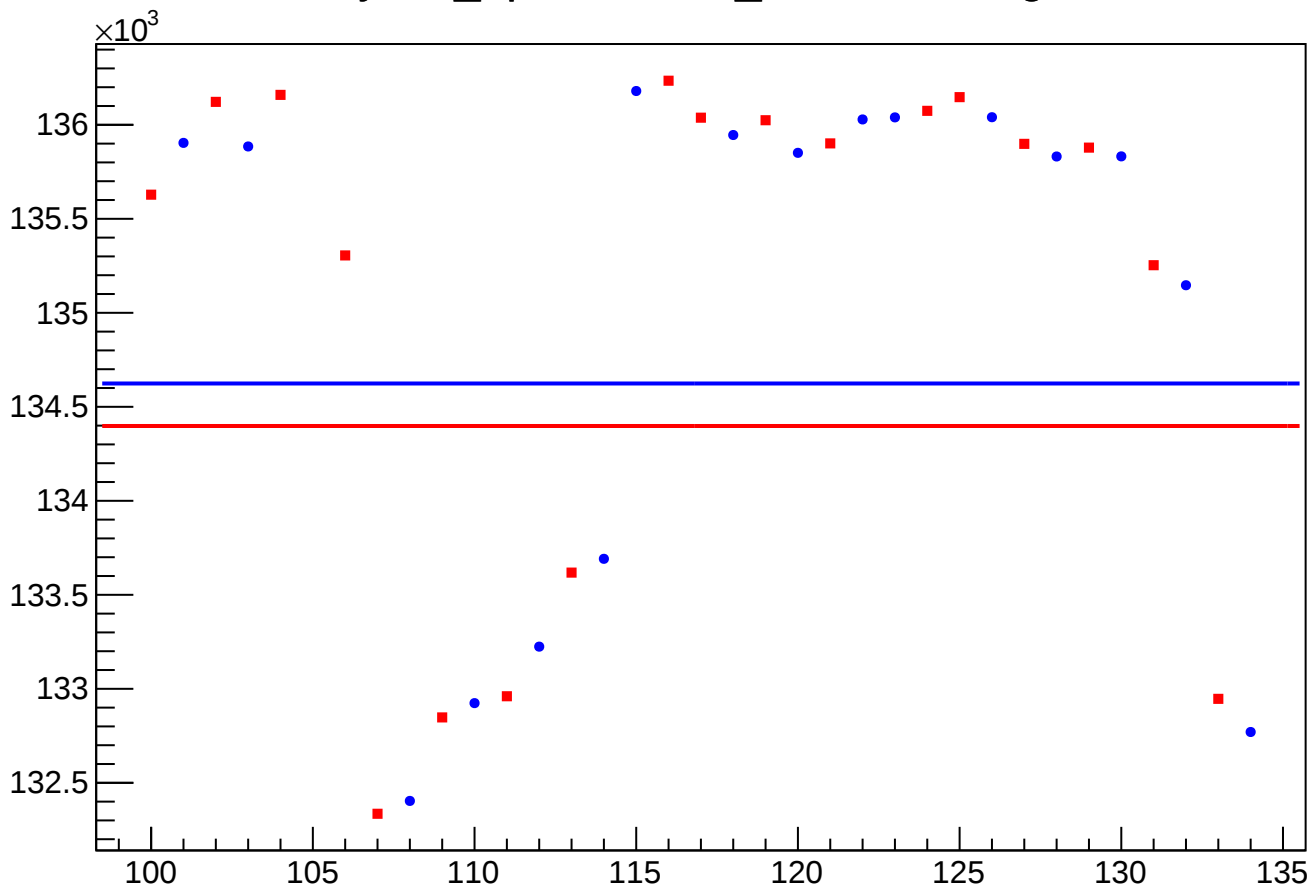
156.618 $\pm$ 0.049 χ^2 /NDF: 1097778.3/15

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: 134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

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

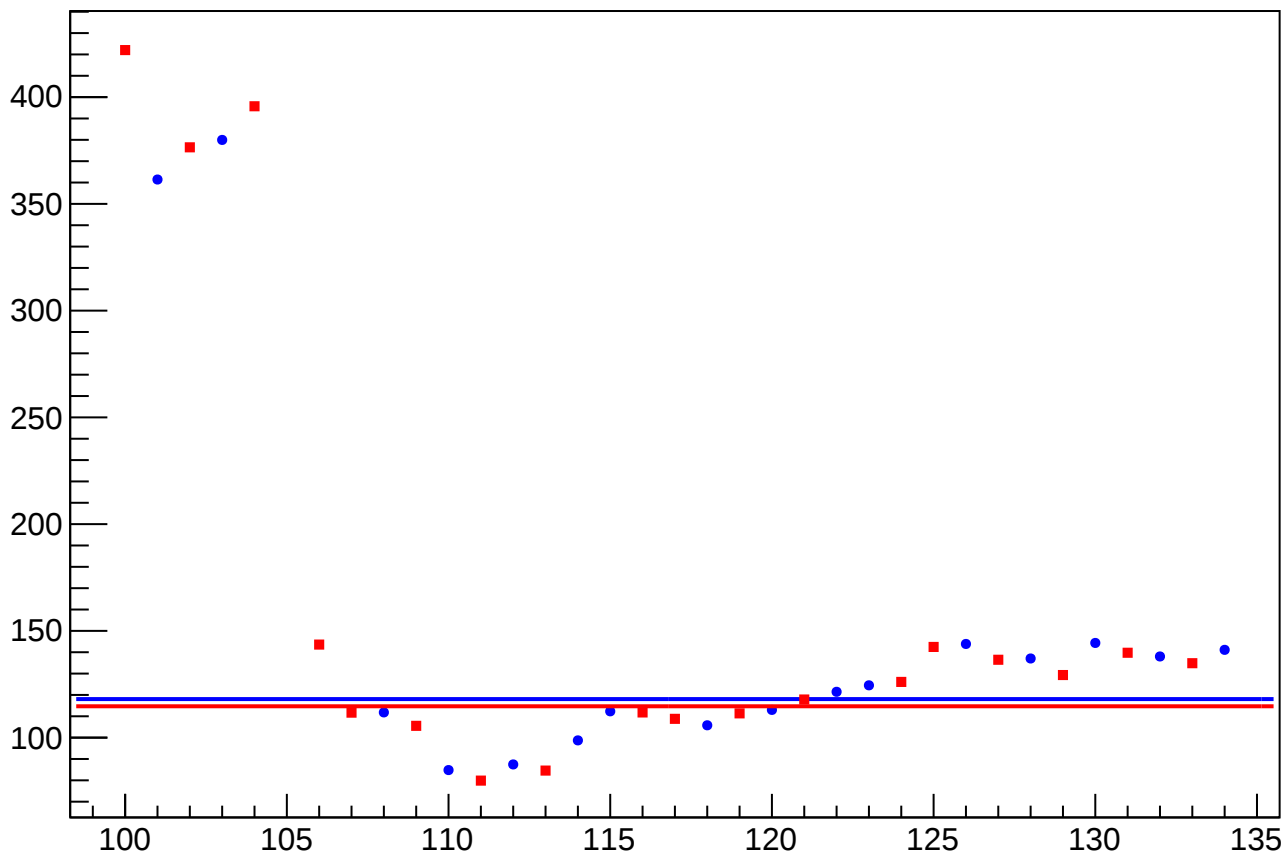
134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

Right Out: 134397.989 $\pm$ 0.049 χ^2 /NDF: 909593481.8/17

134397.989 $\pm$ 0.049 χ^2 /NDF: 909593481.8/17

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

yield_bpm1i04WS_rms vs Slug



Right In: 118.057+/-0.037 χ^2/NDF : 1404374.0/15

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

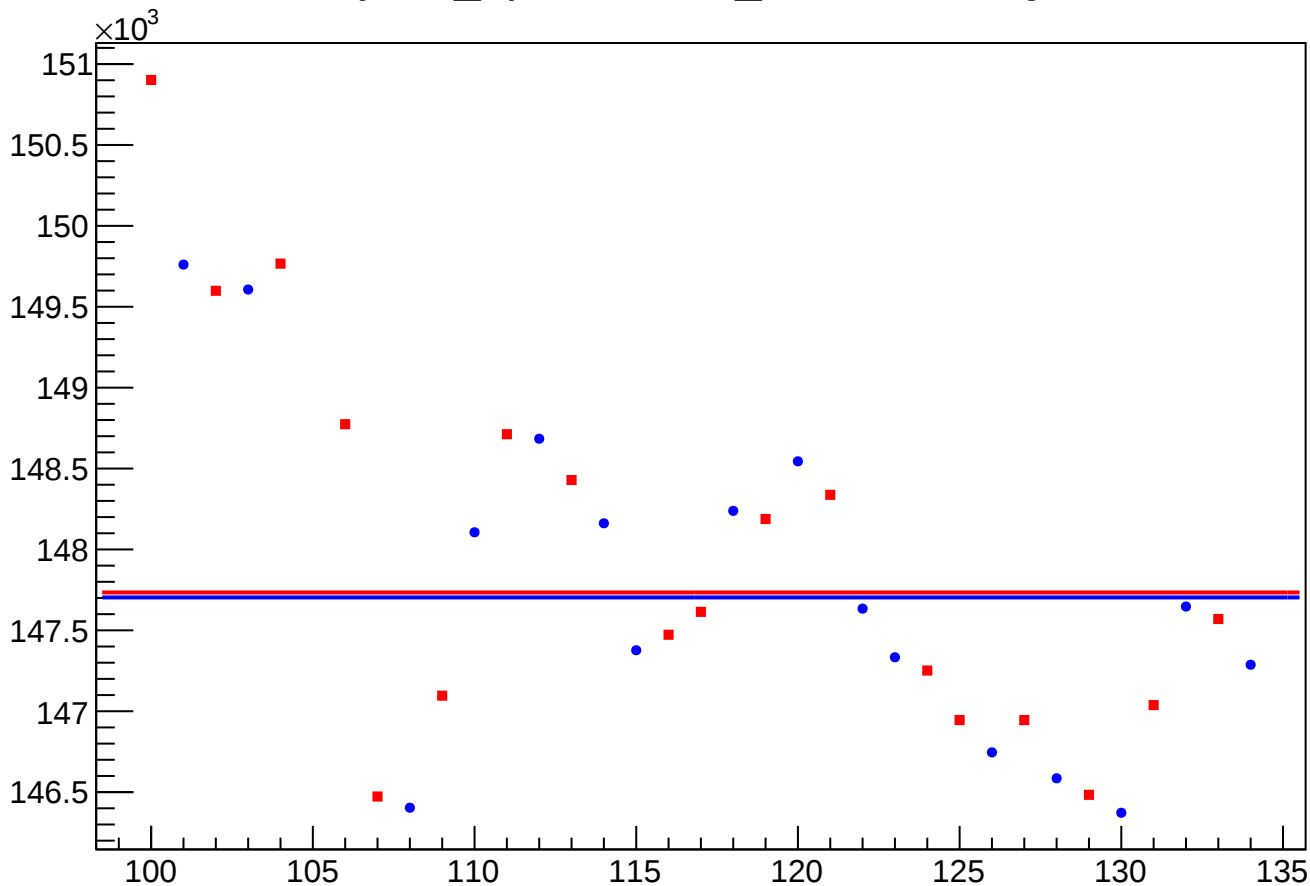
118.057+/-0.037 χ^2/NDF : 1404374.0/15

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: 147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

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

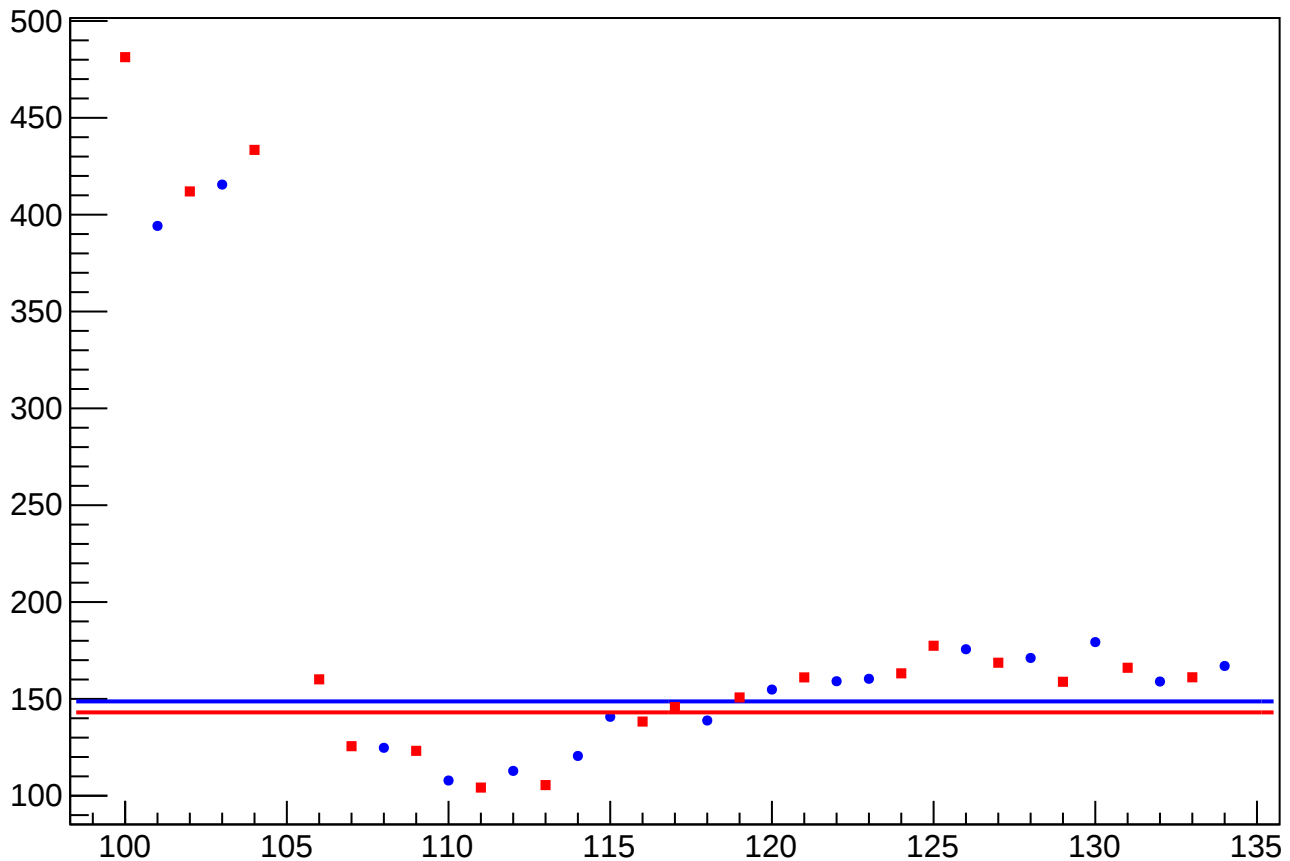
147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

Right Out: 147734.066 $\pm$ 0.060 χ^2 /NDF: 200115409.5/17

147734.066 $\pm$ 0.060 χ^2 /NDF: 200115409.5/17

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

yield_bpm1i06WS_rms vs Slug



Right In: 148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

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

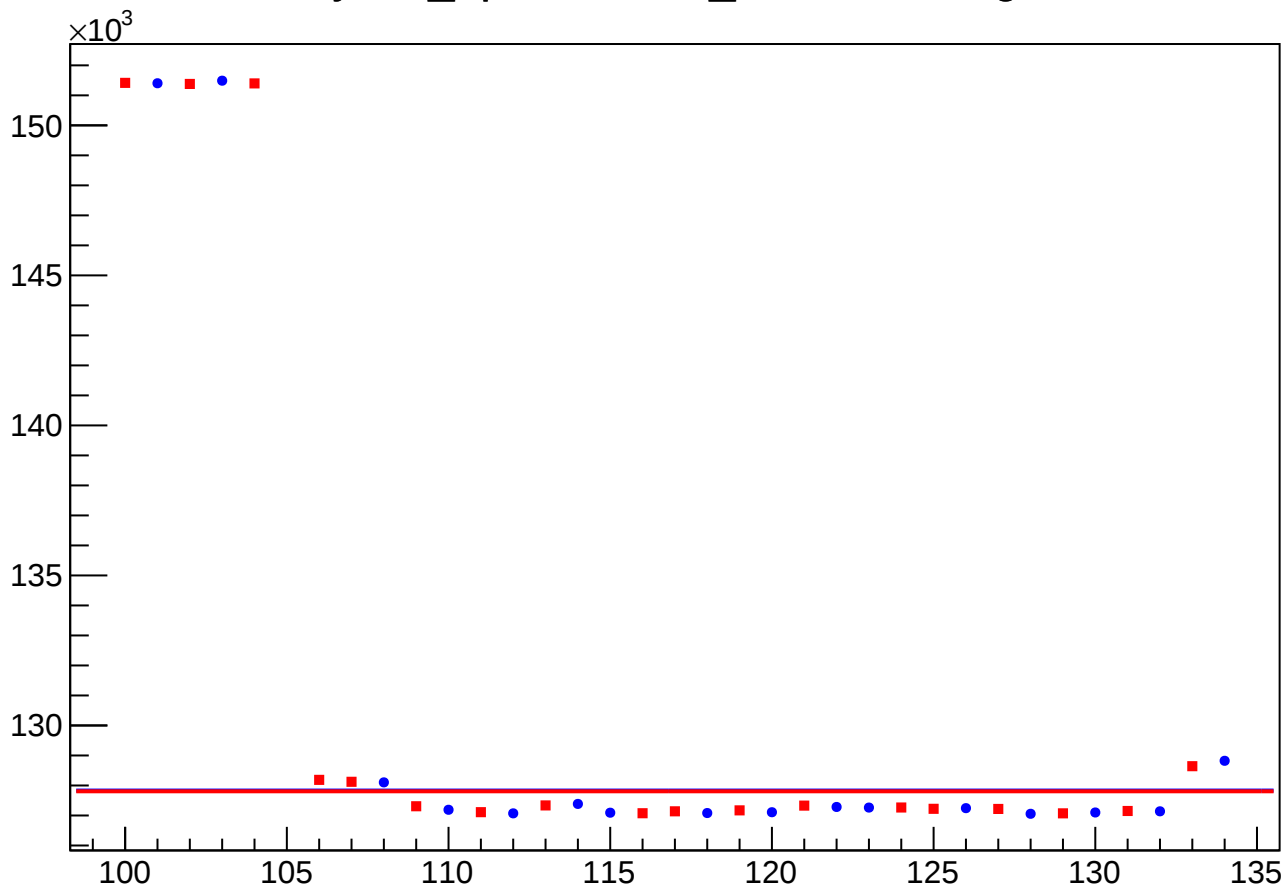
148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

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: 127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

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

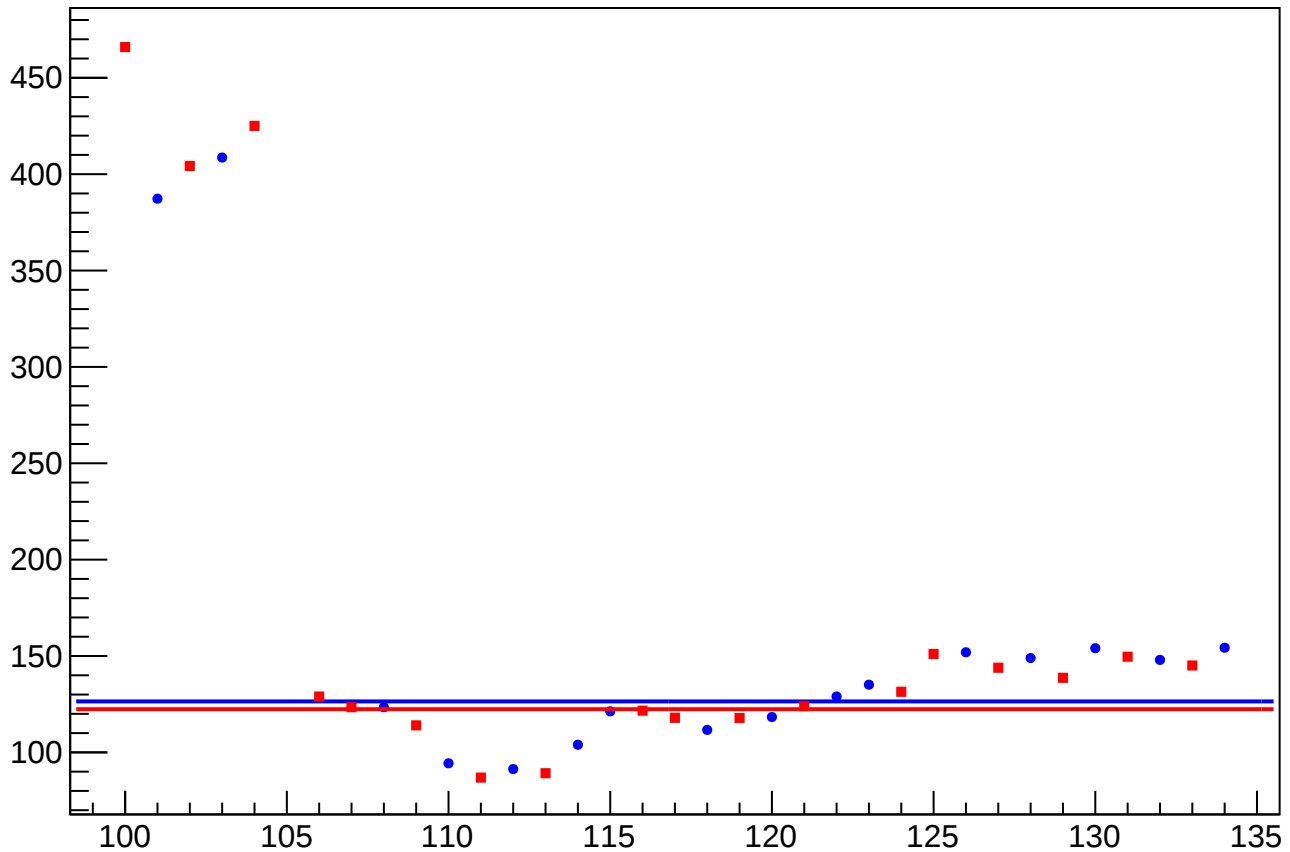
127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

Right Out: 127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

127806.102 $\pm$ 0.052 χ^2 /NDF: 3680555279.1/17

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

yield_bpm2i01WS_rms vs Slug



Right In: 126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

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

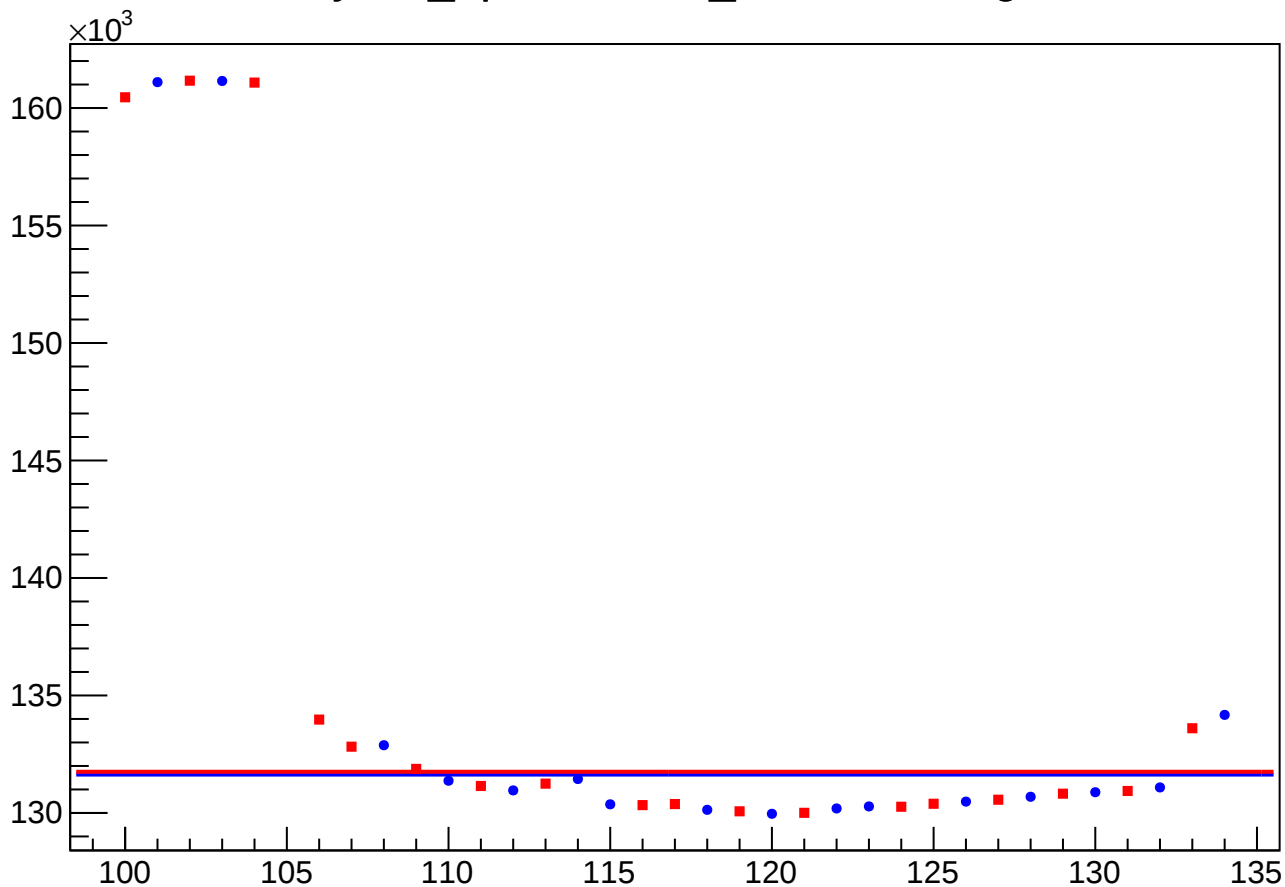
126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

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: 131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

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

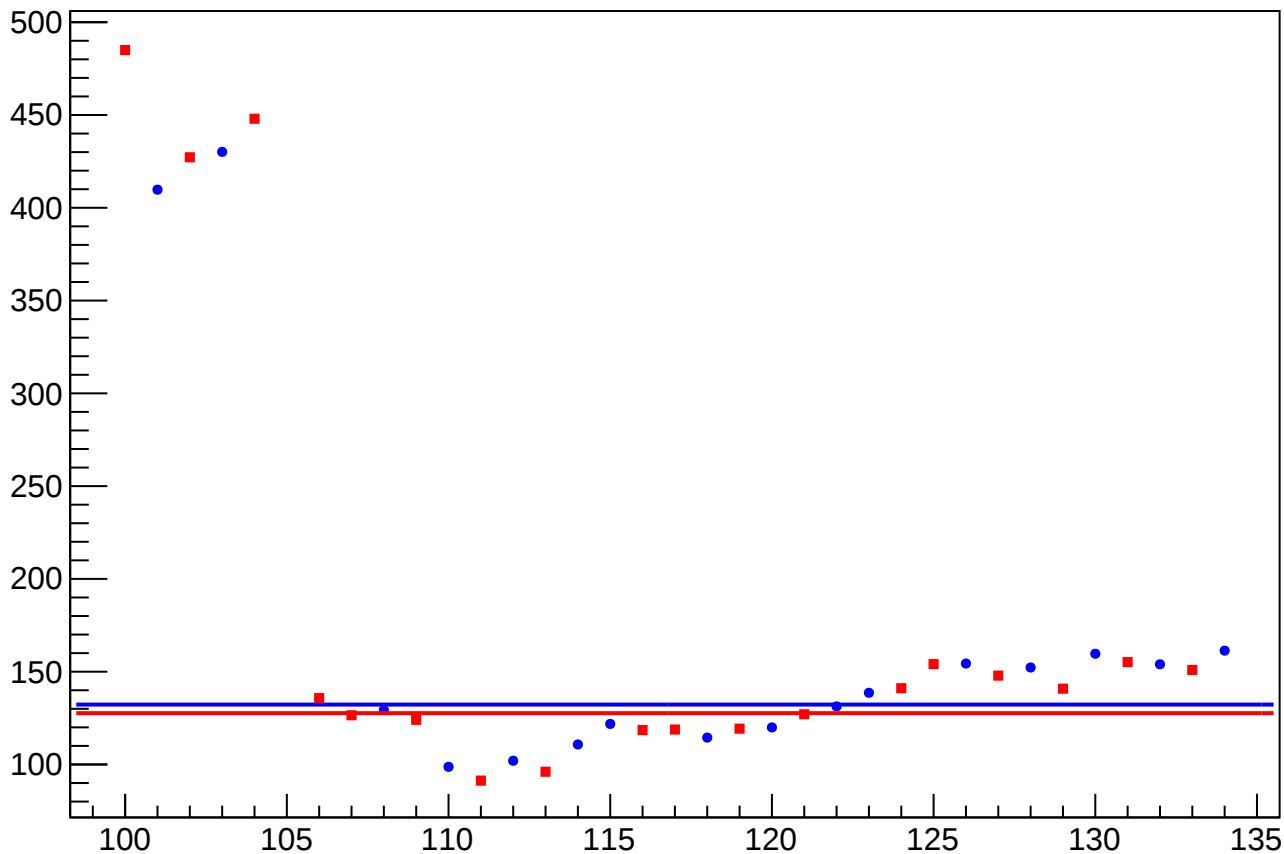
131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

Right Out: 131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

131753.735 $\pm$ 0.054 χ^2 /NDF: 5445734064.9/17

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

yield_bpm2i02WS_rms vs Slug



Right In: 132.276+/-0.042 χ^2/NDF : 1361857.5/15

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

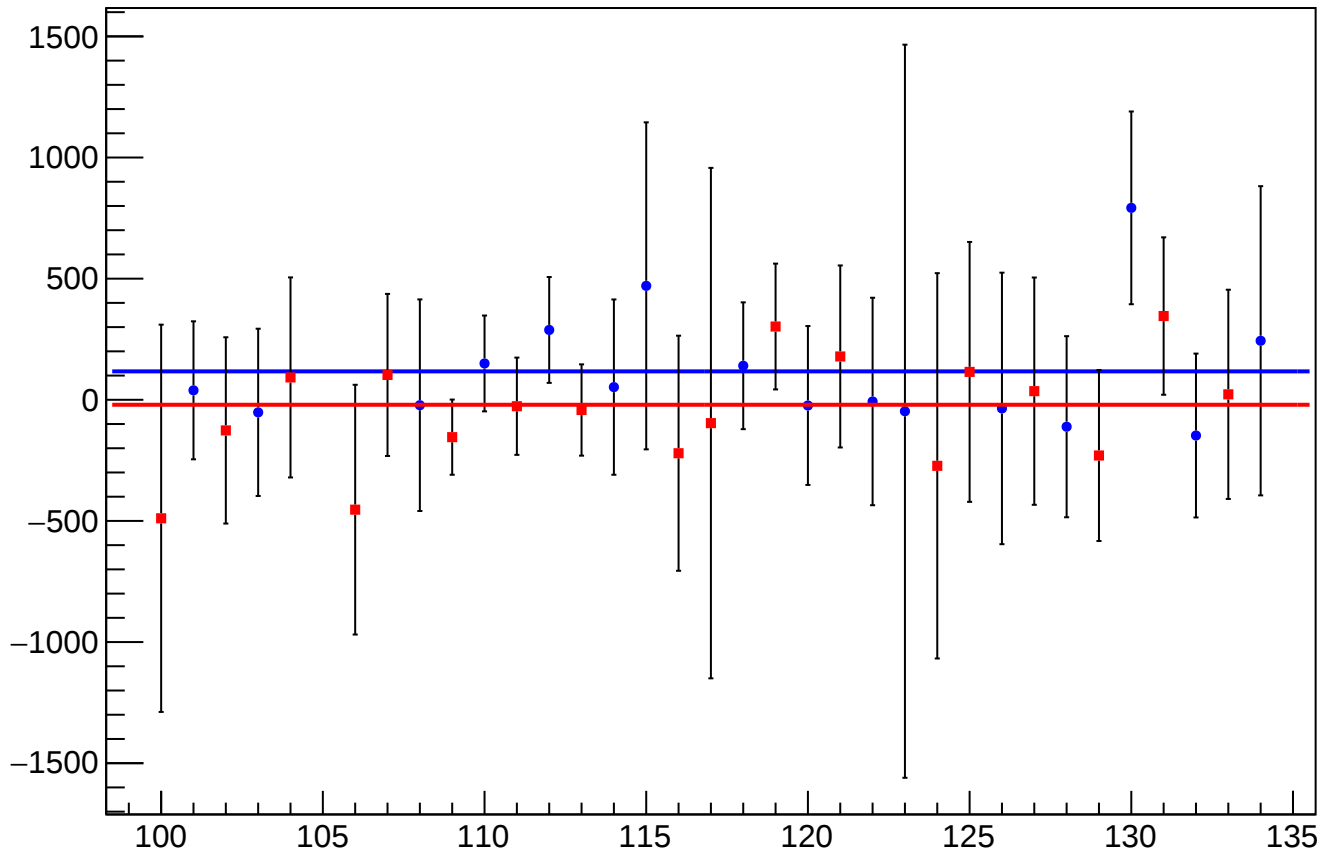
132.276+/-0.042 χ^2/NDF : 1361857.5/15

Right Out: 127.650+/-0.038 χ^2/NDF : 1438192.6/17

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

127.650+/-0.038 χ^2/NDF : 1438192.6/17

asym_bcm_an_ds_mean vs Slug



Right In: 117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

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

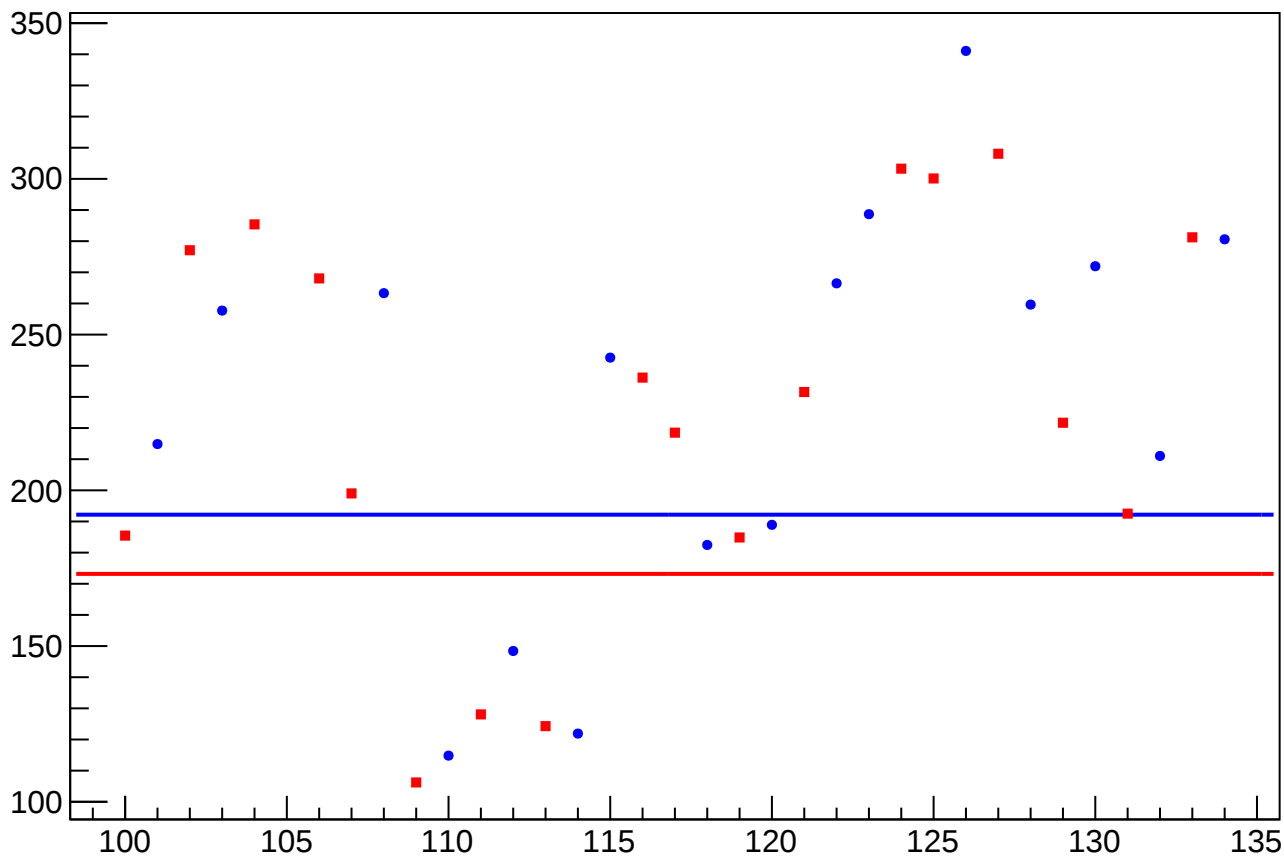
Right Out: -20.495 $\pm$ 74.341 χ^2 /NDF: 5.9/17

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

117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

-20.495 $\pm$ 74.341 χ^2 /NDF: 5.9/17

asym_bcm_an_ds_rms vs Slug



Right In: 192.182 $\pm$ 0.060 χ^2 /NDF: 1013403.3/15

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

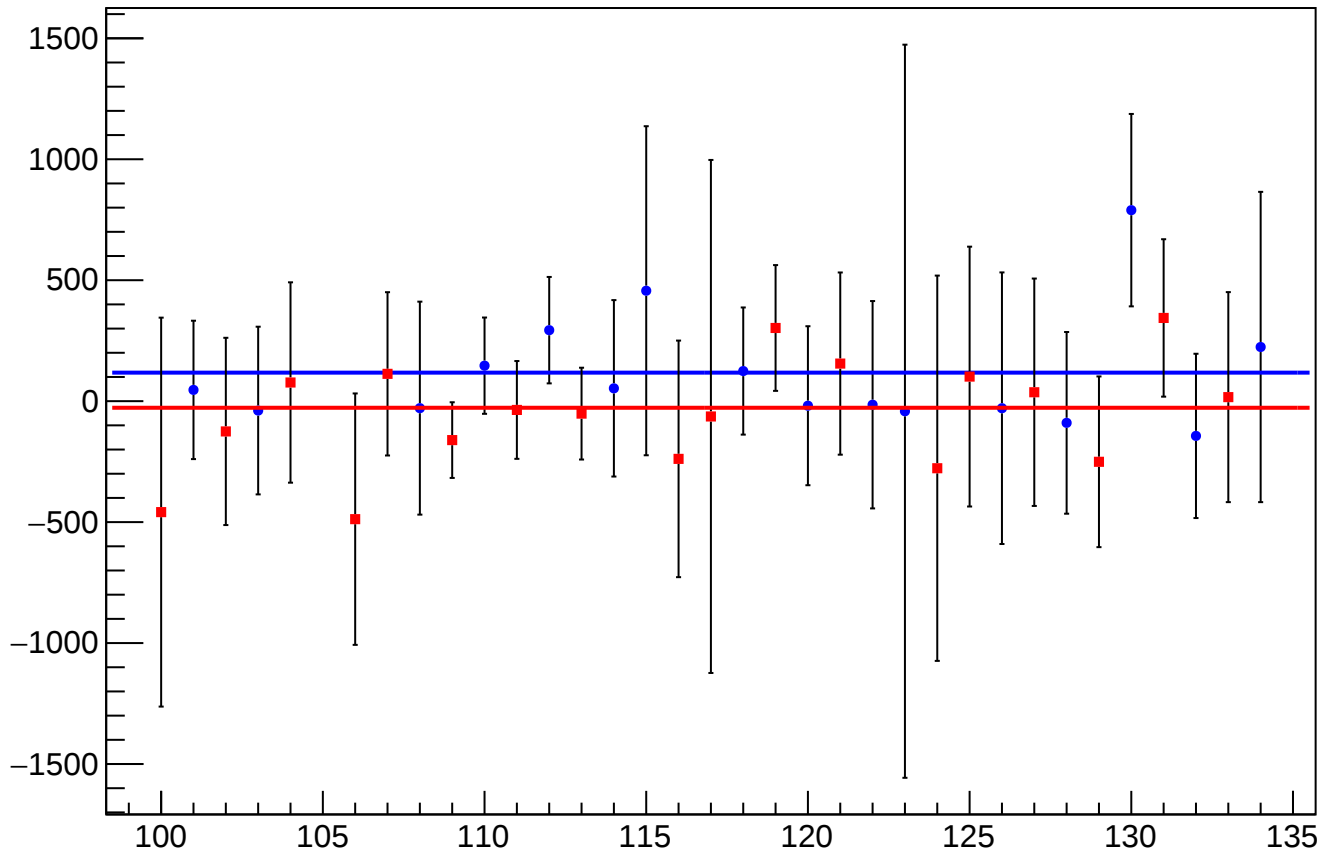
Right Out: 173.174 $\pm$ 0.053 χ^2 /NDF: 1573030.7/17

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

192.182 $\pm$ 0.060 χ^2 /NDF: 1013403.3/15

173.174 $\pm$ 0.053 χ^2 /NDF: 1573030.7/17

asym_bcm_an_ds3_mean vs Slug



Right In: 117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

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

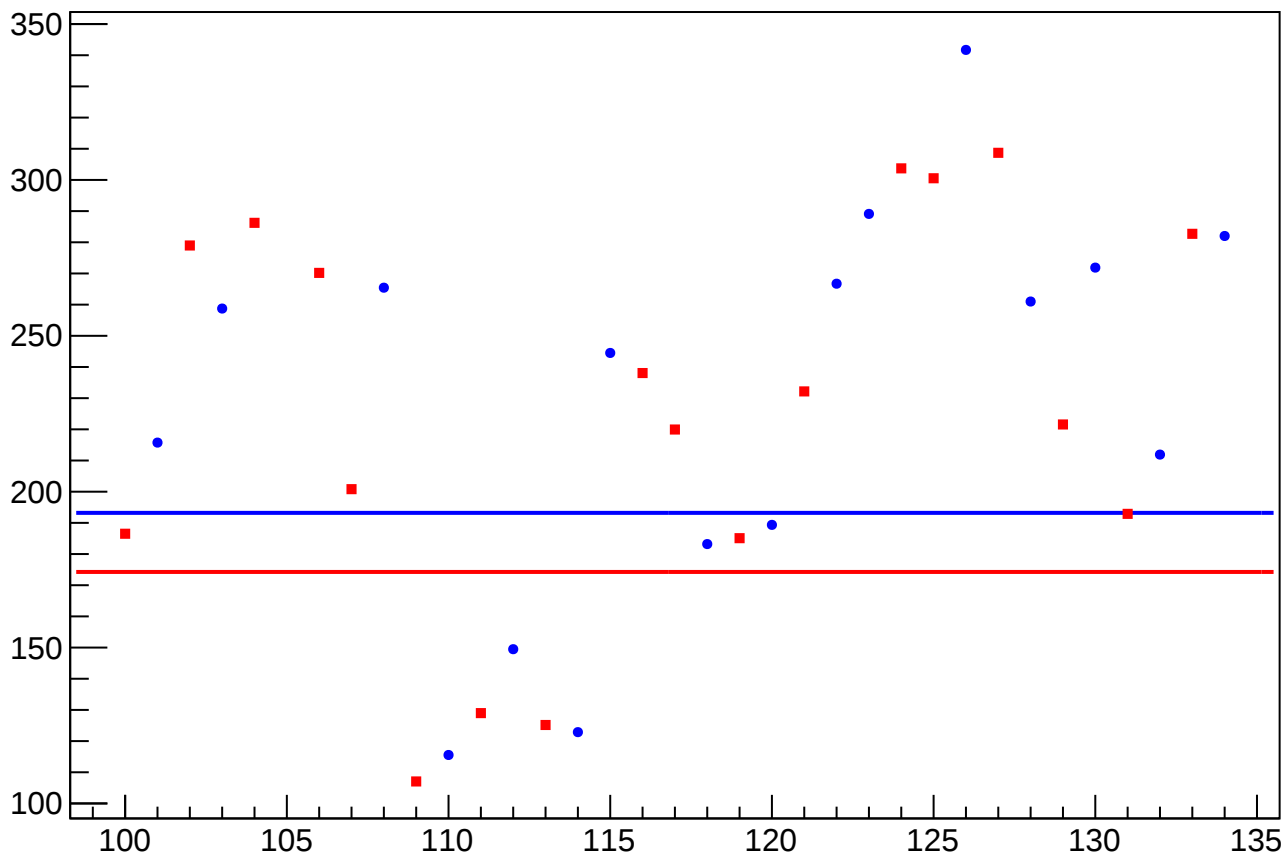
Right Out: -27.275 $\pm$ 74.763 χ^2 /NDF: 6.0/17

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

117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

-27.275 $\pm$ 74.763 χ^2 /NDF: 6.0/17

asym_bcm_an_ds3_rms vs Slug



Right In: 193.210+/-0.060 χ^2/NDF : 1004877.6/15

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

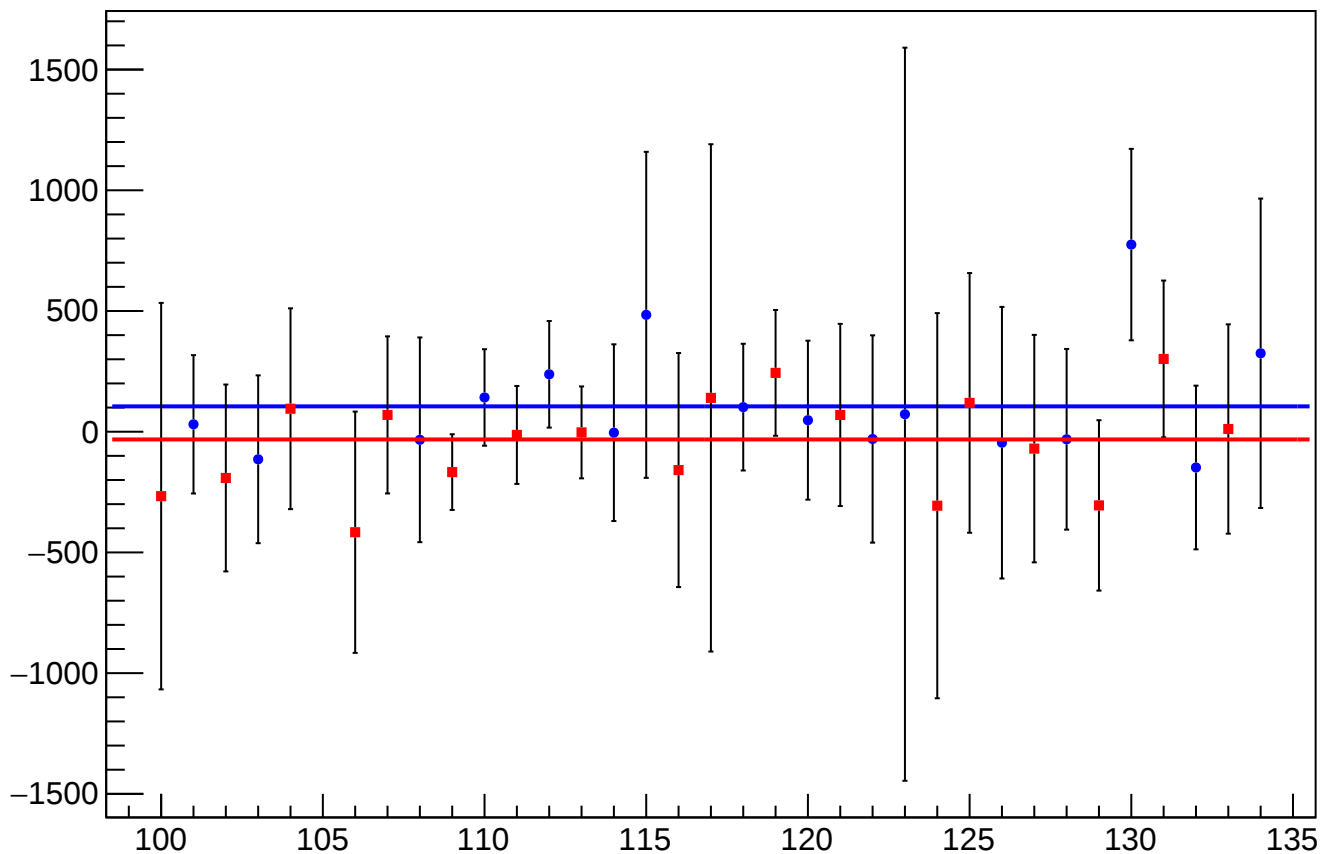
193.210+/-0.060 χ^2/NDF : 1004877.6/15

Right Out: 174.258+/-0.053 χ^2/NDF : 1559847.7/17

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

174.258+/-0.053 χ^2/NDF : 1559847.7/17

asym_bcm_an_us_mean vs Slug



Right In: 105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

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

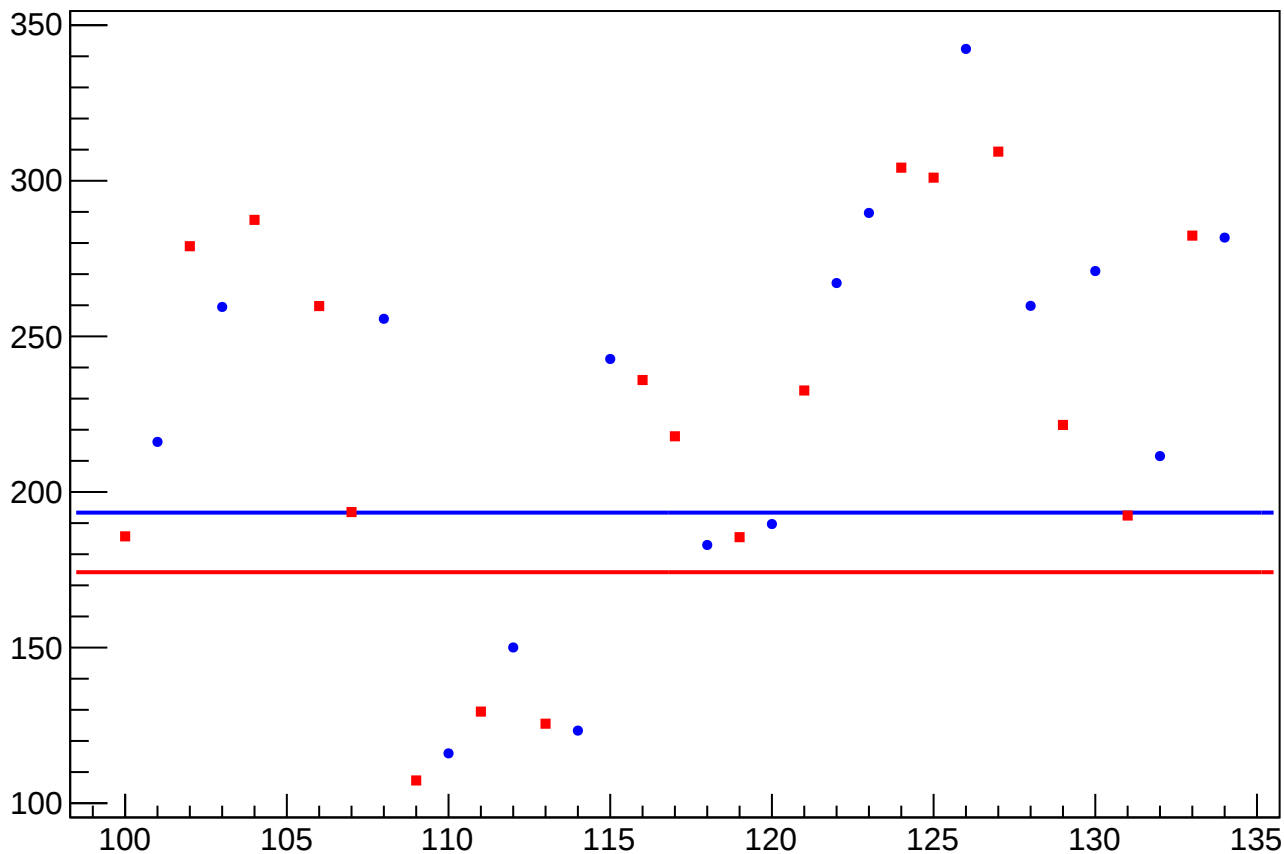
Right Out: -32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

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

105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

-32.046 $\pm$ 74.669 χ^2 /NDF: 5.0/17

asym_bcm_an_us_rms vs Slug



Right In: 193.368+/-0.060 χ^2/NDF : 983166.5/15

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

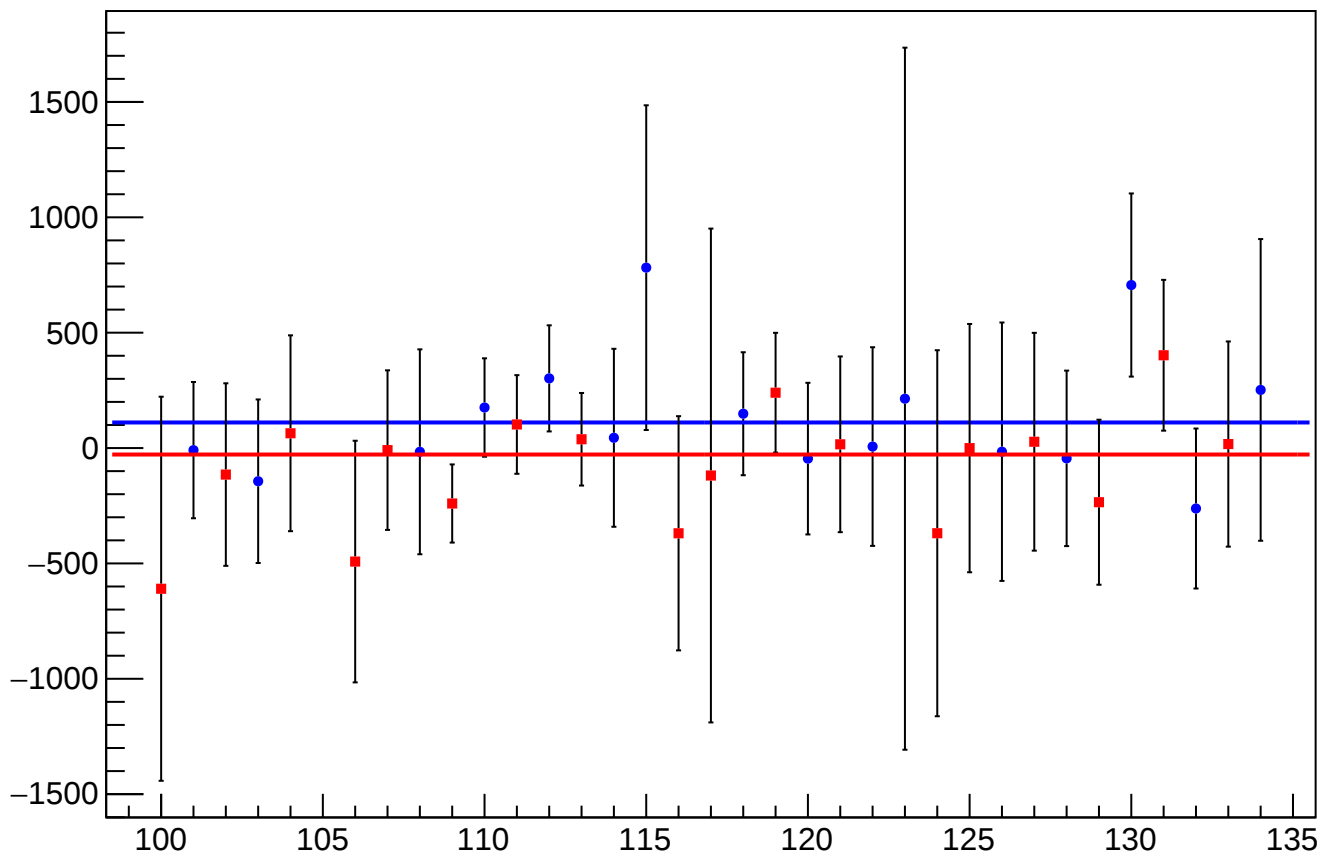
Right Out: 174.226+/-0.053 χ^2/NDF : 1536614.7/17

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

193.368+/-0.060 χ^2/NDF : 983166.5/15

174.226+/-0.053 χ^2/NDF : 1536614.7/17

asym_bcm_dg_us_mean vs Slug



Right In: 110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

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

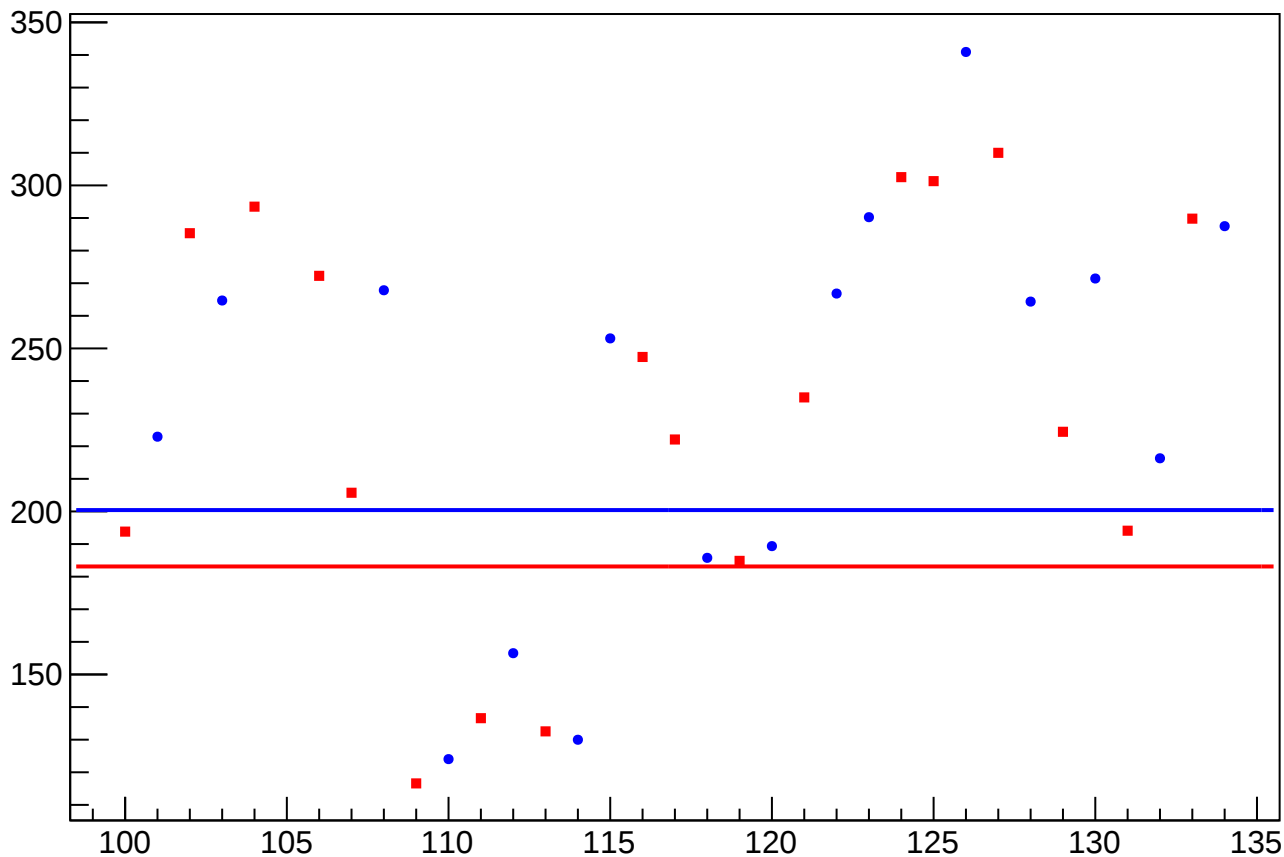
Right Out: -28.036 $\pm$ 77.786 χ^2 /NDF: 7.2/17

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

110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

-28.036 $\pm$ 77.786 χ^2 /NDF: 7.2/17

asym_bcm_dg_us_rms vs Slug



Right In: 200.420+/-0.062 χ^2/NDF : 880014.3/15

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

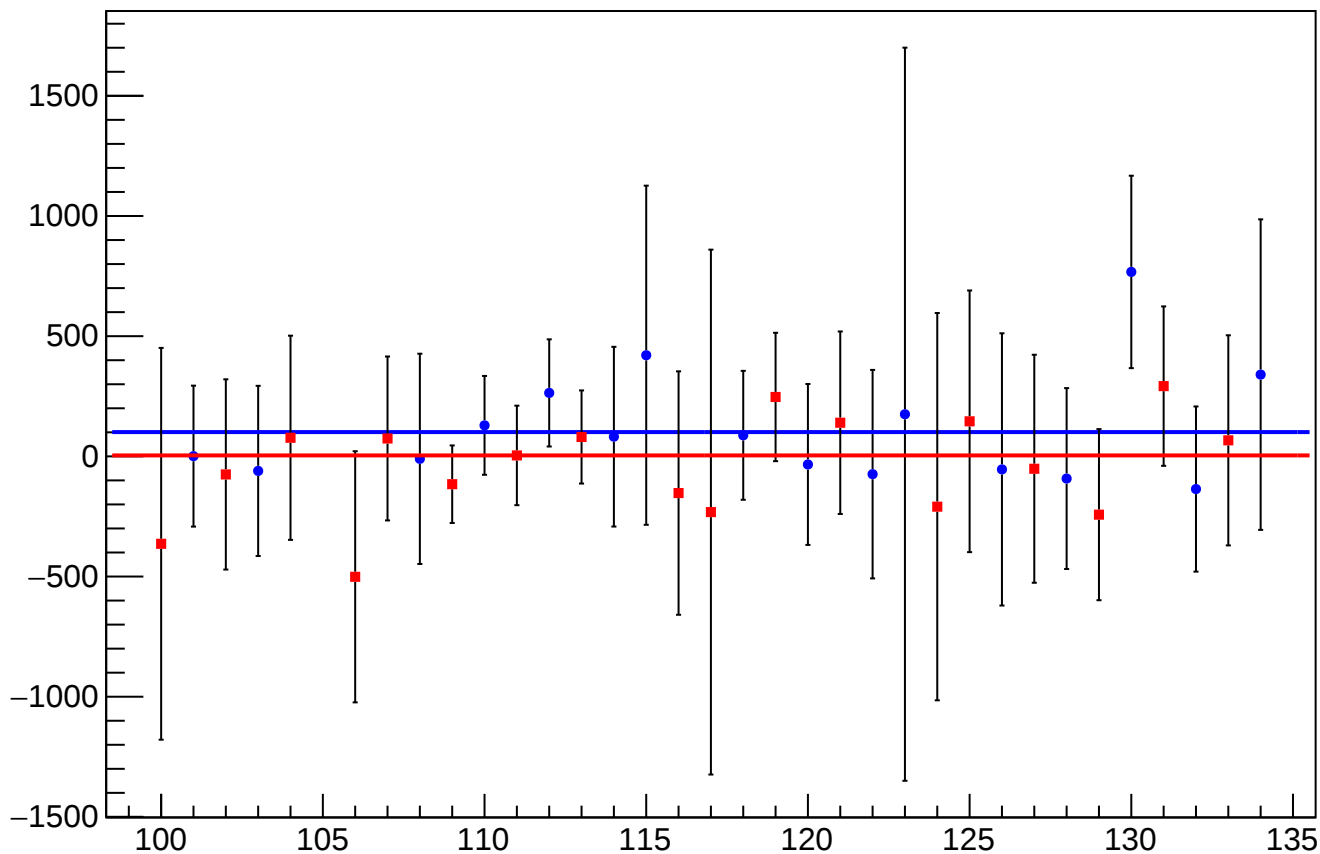
Right Out: 183.125+/-0.055 χ^2/NDF : 1368440.2/17

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

200.420+/-0.062 χ^2/NDF : 880014.3/15

183.125+/-0.055 χ^2/NDF : 1368440.2/17

asym_bcm_dg_ds_mean vs Slug



Right In: 100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

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

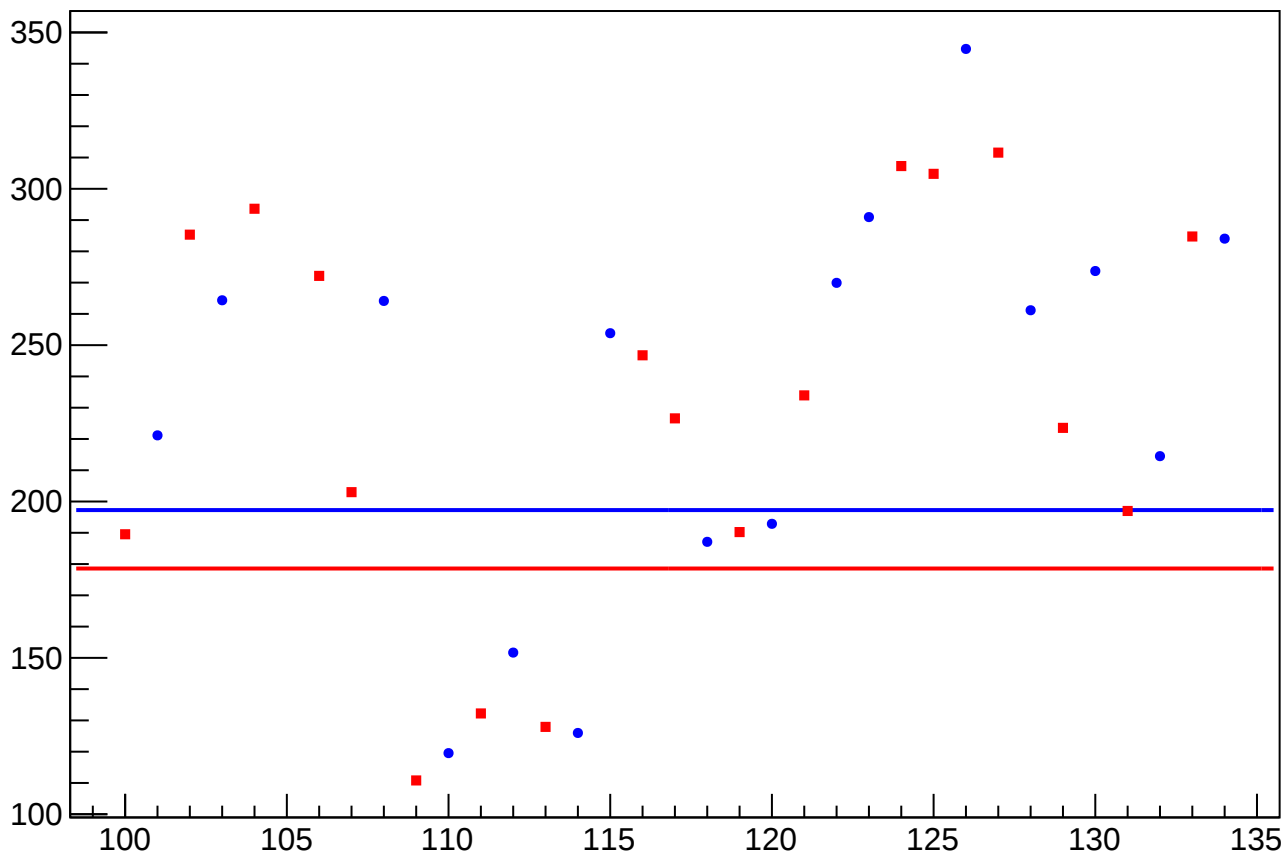
Right Out: 3.911 $\pm$ 76.384 χ^2 /NDF: 4.5/17

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

100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

3.911 $\pm$ 76.384 χ^2 /NDF: 4.5/17

asym_bcm_dg_ds_rms vs Slug



Right In: 197.261 $\pm$ 0.061 χ^2 /NDF: 961053.1/15

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

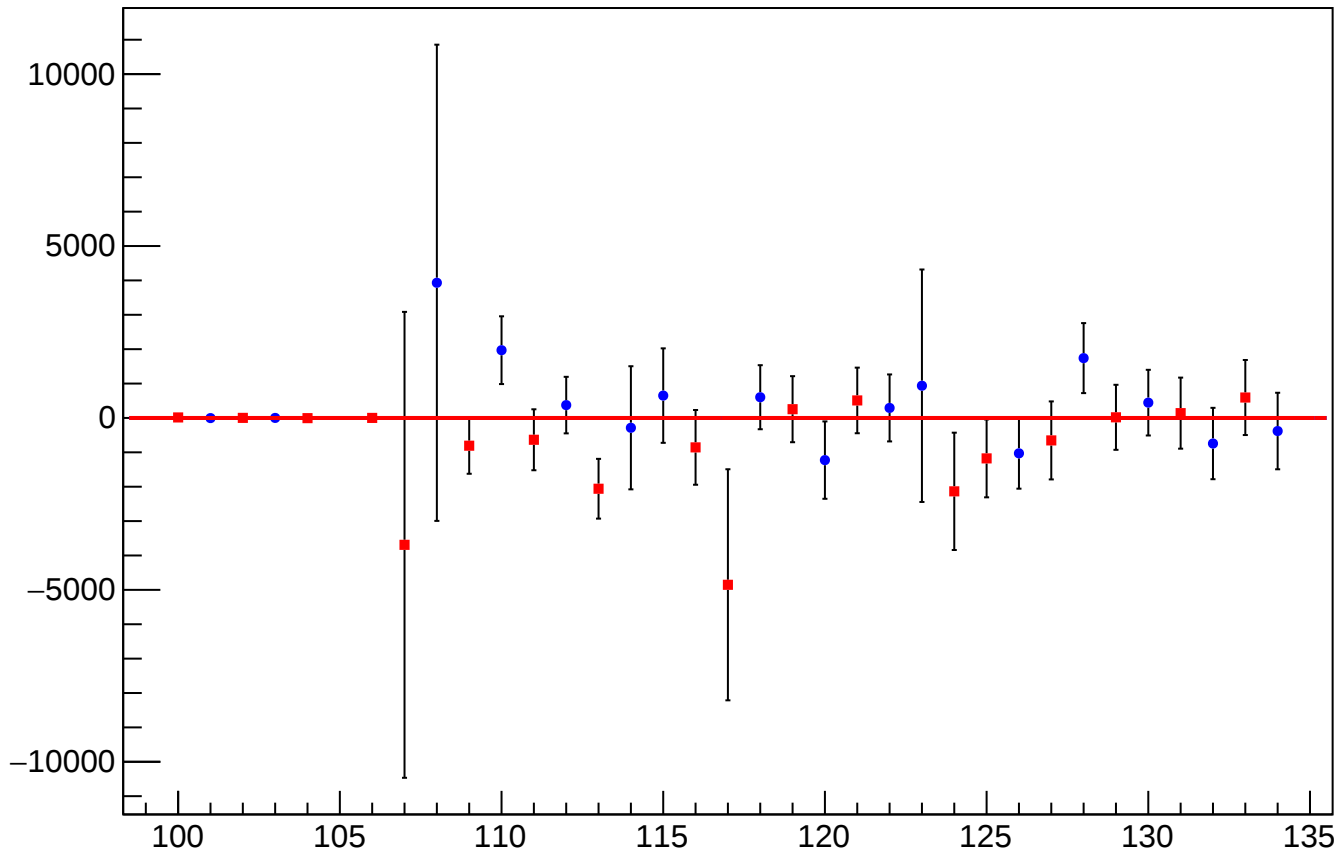
Right Out: 178.573 $\pm$ 0.054 χ^2 /NDF: 1515386.6/17

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

197.261 $\pm$ 0.061 χ^2 /NDF: 961053.1/15

178.573 $\pm$ 0.054 χ^2 /NDF: 1515386.6/17

asym_cav4bQ_mean vs Slug



Right In: -1.504 $\pm$ 2.251 χ^2 /NDF: 12.6/15

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

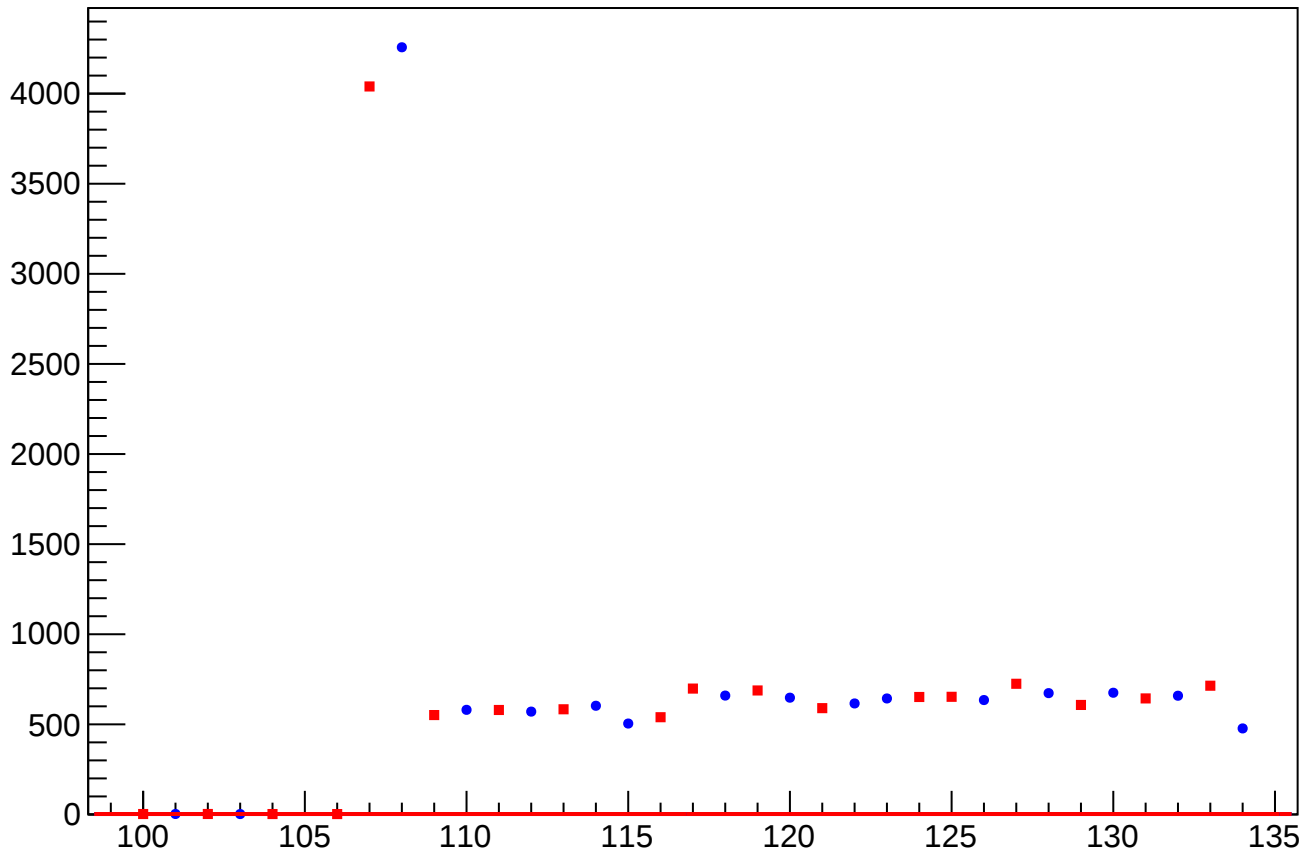
Right Out: -0.741 $\pm$ 2.111 χ^2 /NDF: 19.7/17

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

-1.504 $\pm$ 2.251 χ^2 /NDF: 12.6/15

-0.741 $\pm$ 2.111 χ^2 /NDF: 19.7/17

asym_cav4bQ_rms vs Slug



Right In: 2.445+/-0.002 χ^2/NDF : 9206597.5/15

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

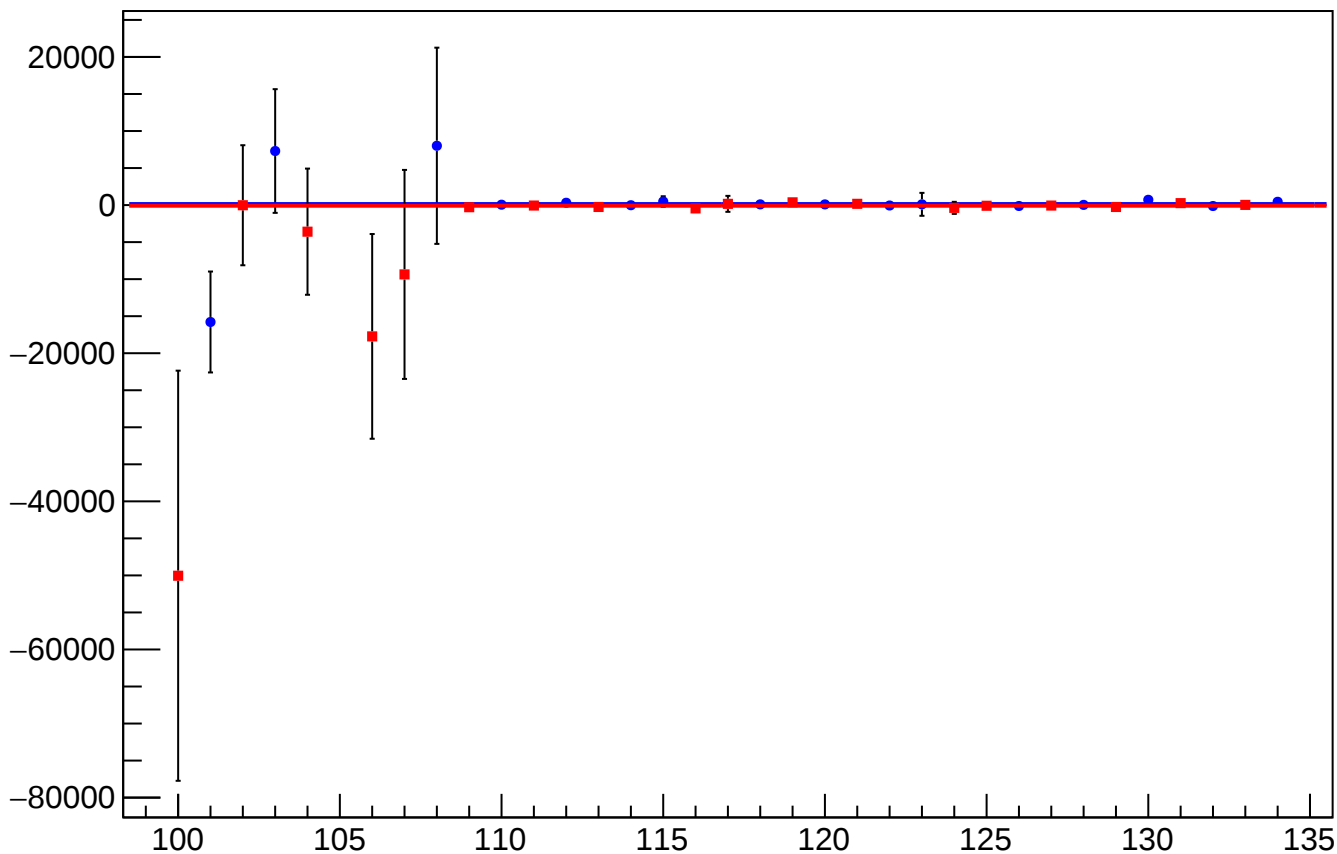
Right Out: 2.429+/-0.001 χ^2/NDF : 9924754.5/17

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

2.445+/-0.002 χ^2/NDF : 9206597.5/15

2.429+/-0.001 χ^2/NDF : 9924754.5/17

asym_cav4cQ_mean vs Slug



Right In: 133.466+/-98.388 χ^2/NDF : 11.0/15

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

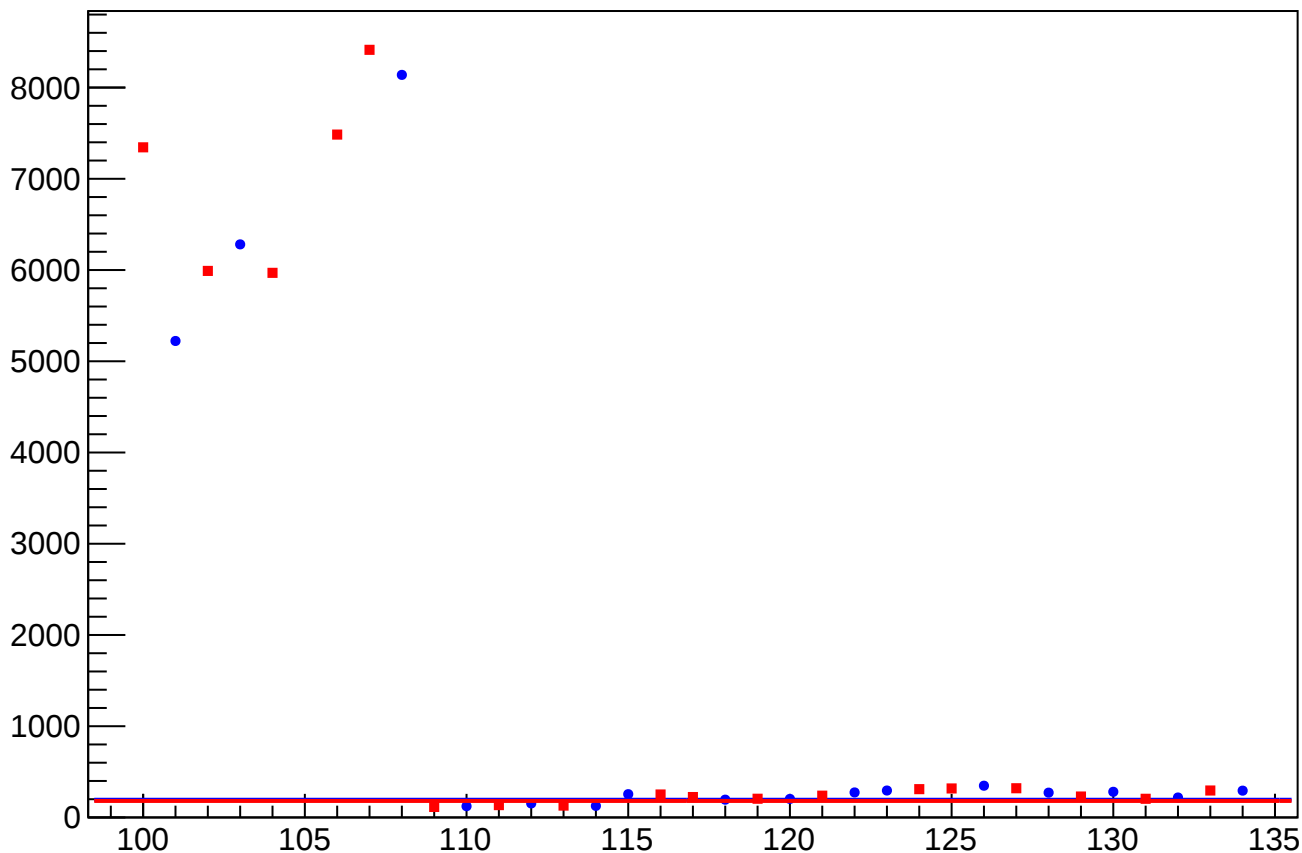
Right Out: -84.906+/-91.340 χ^2/NDF : 12.0/17

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

133.466+/-98.388 χ^2/NDF : 11.0/15

-84.906+/-91.340 χ^2/NDF : 12.0/17

asym_cav4cQ_rms vs Slug



Right In: 193.952+/-0.070 χ^2/NDF : 3679833.3/15

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

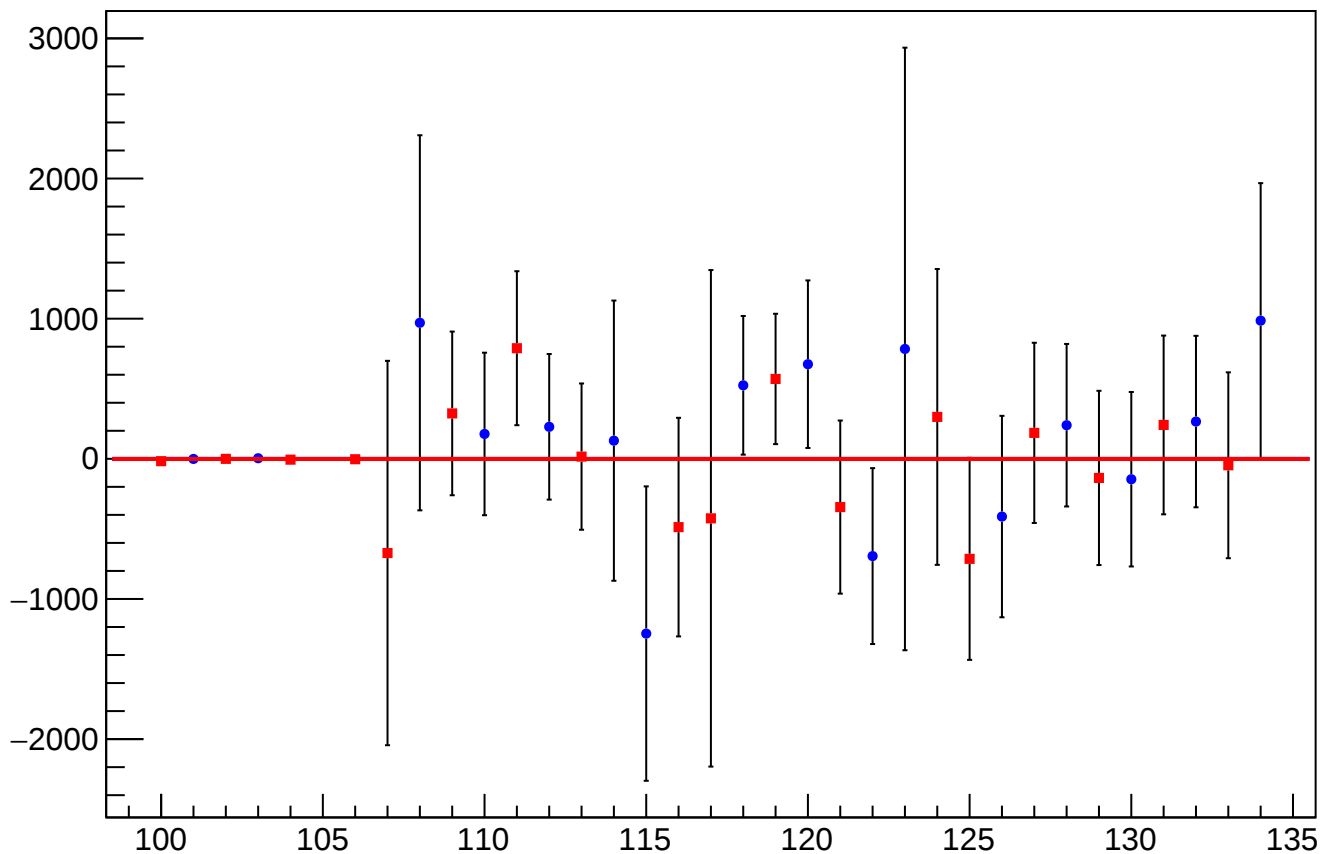
Right Out: 181.001+/-0.065 χ^2/NDF : 4313702.4/17

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

193.952+/-0.070 χ^2/NDF : 3679833.3/15

181.001+/-0.065 χ^2/NDF : 4313702.4/17

asym_cav4dQ_mean vs Slug



Right In: -0.146+/-1.737 χ^2/NDF : 8.6/15

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

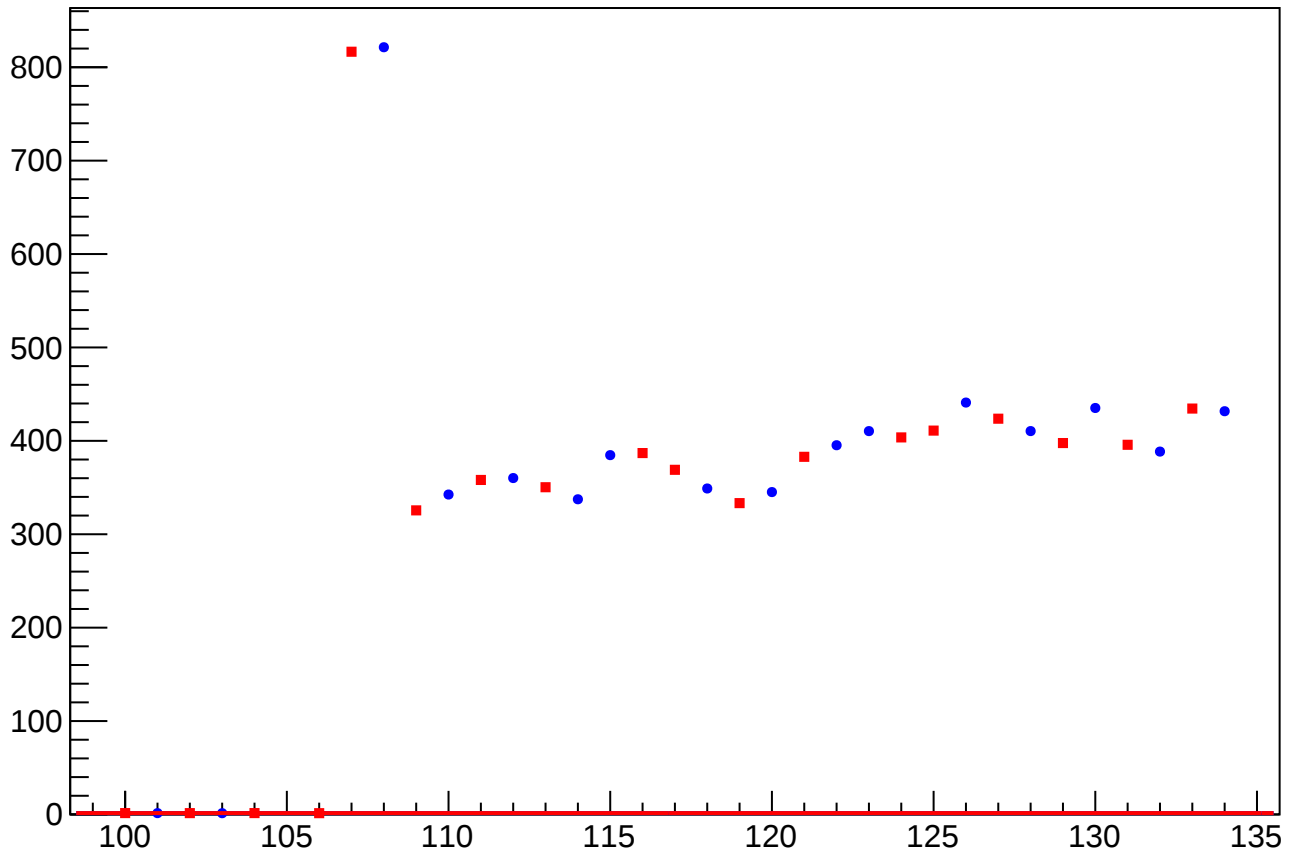
Right Out: -1.325+/-1.623 χ^2/NDF : 9.0/17

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

-0.146+/-1.737 χ^2/NDF : 8.6/15

-1.325+/-1.623 χ^2/NDF : 9.0/17

asym_cav4dQ_rms vs Slug



Right In: 1.446+/-0.001 χ^2/NDF : 9297686.8/15

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

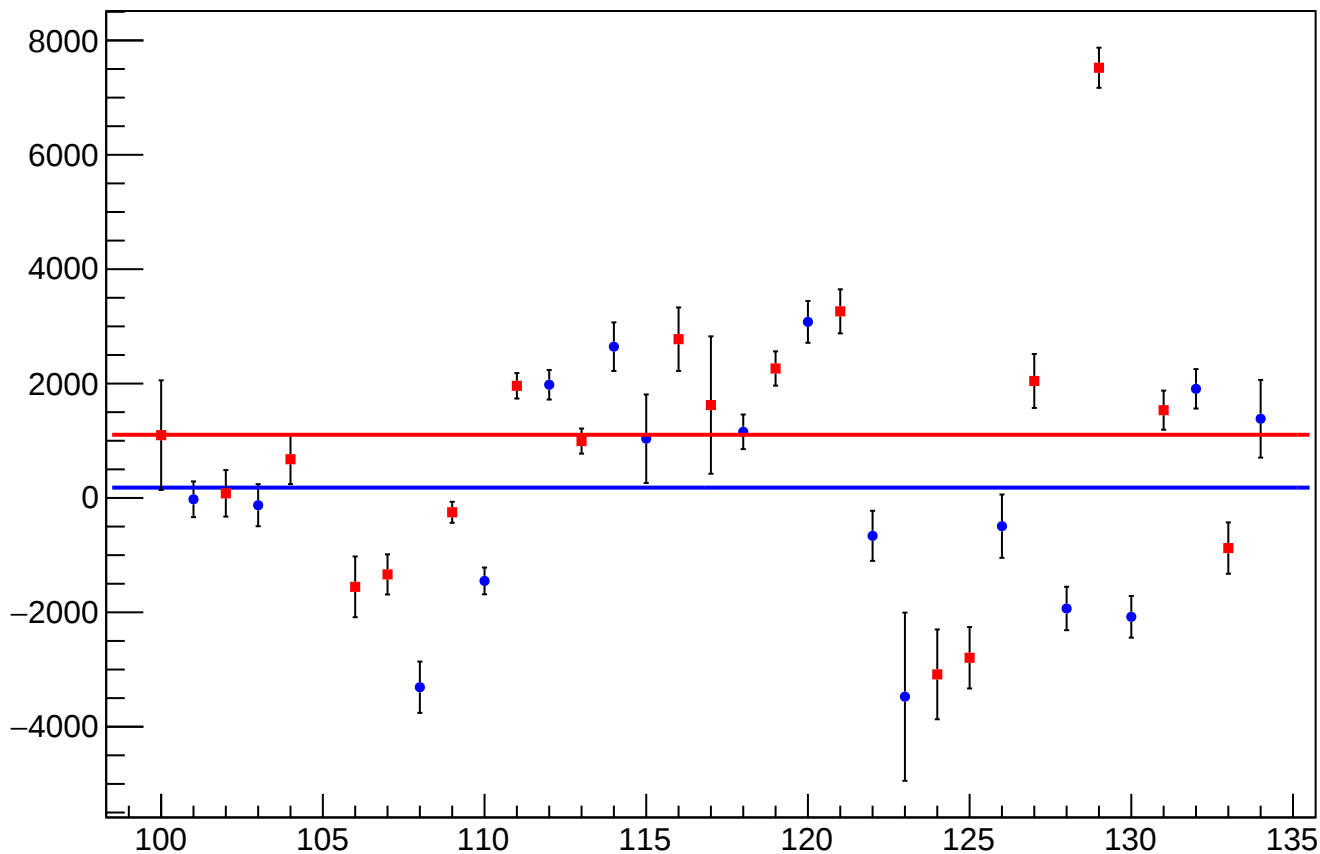
Right Out: 1.447+/-0.001 χ^2/NDF : 9646384.7/17

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

1.446+/-0.001 χ^2/NDF : 9297686.8/15

1.447+/-0.001 χ^2/NDF : 9646384.7/17

asym_bcm0l02_mean vs Slug



Right In: 180.614+/-93.053 χ^2/NDF : 375.9/15

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

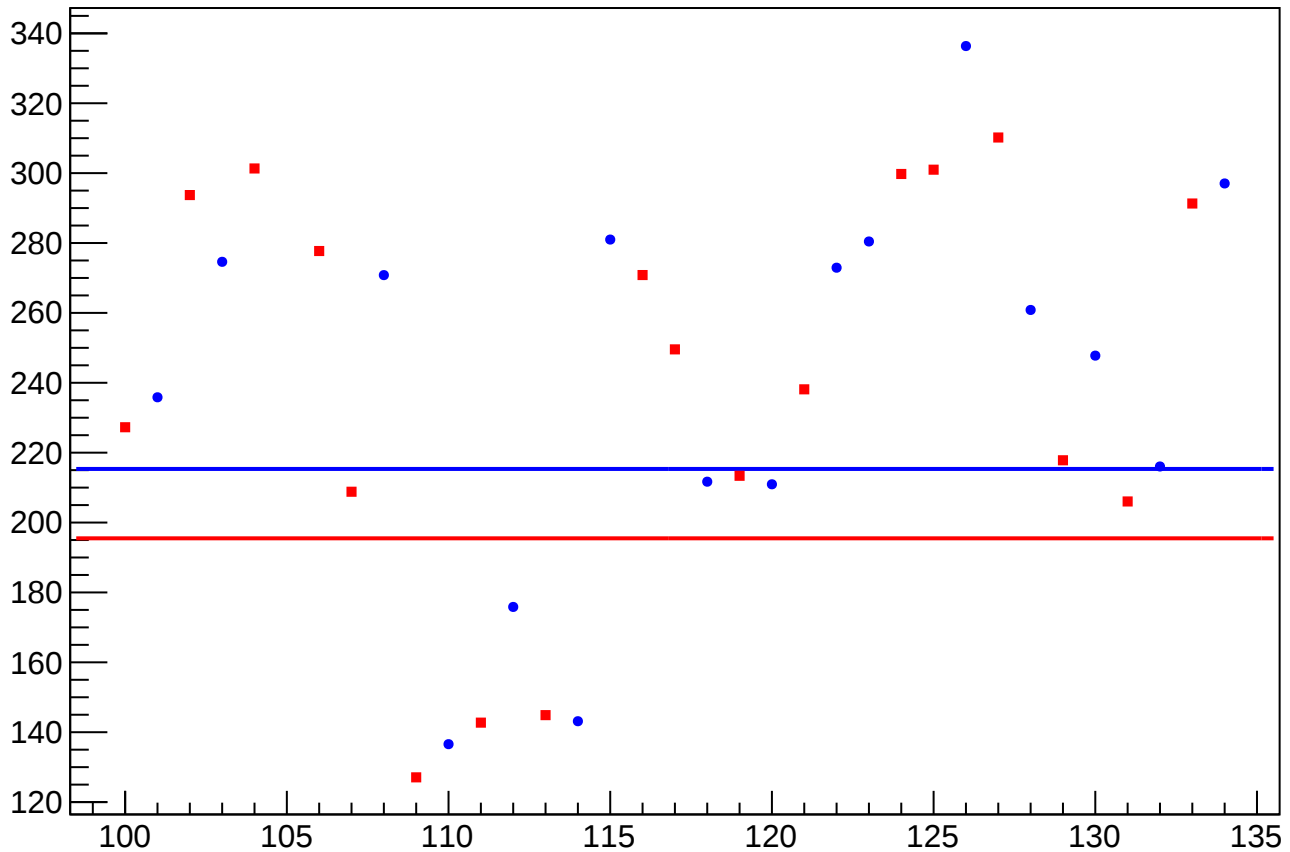
Right Out: 1104.849+/-82.246 χ^2/NDF : 646.4/17

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

180.614+/-93.053 χ^2/NDF : 375.9/15

1104.849+/-82.246 χ^2/NDF : 646.4/17

asym_bcm0l02_rms vs Slug



Right In: 215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

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

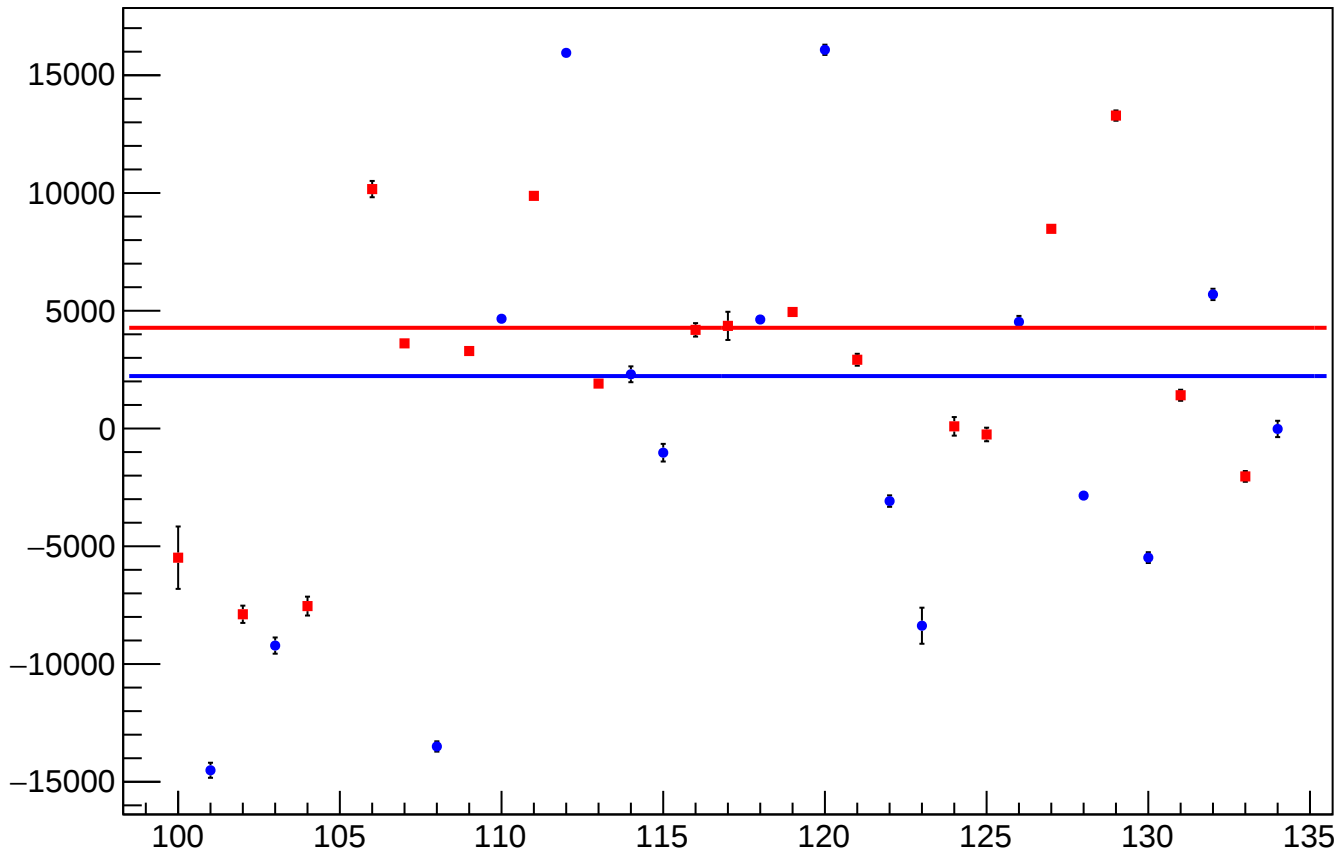
215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

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: 2226.767+/-59.315 χ^2/NDF : 22665.2/15

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

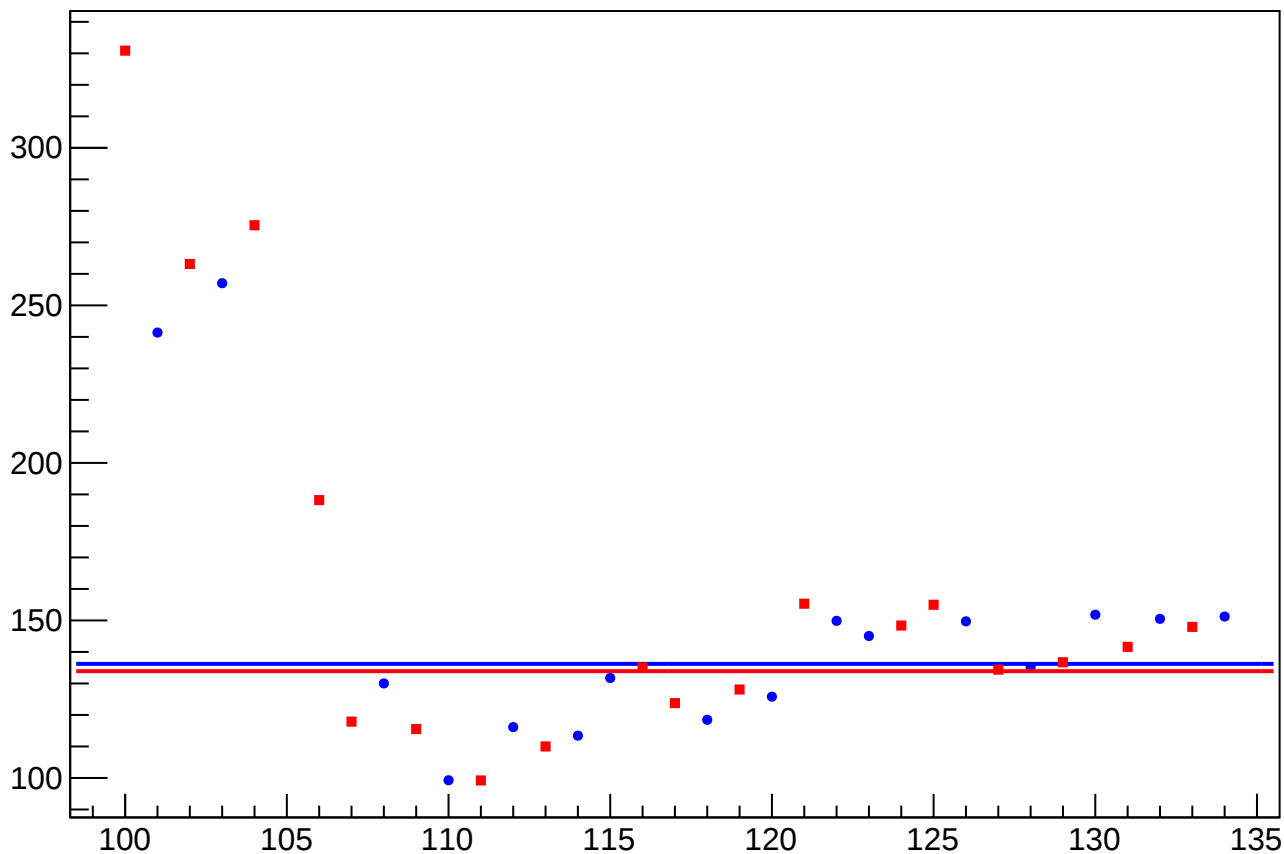
2226.767+/-59.315 χ^2/NDF : 22665.2/15

Right Out: 4276.545+/-55.558 χ^2/NDF : 7266.6/17

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

4276.545+/-55.558 χ^2/NDF : 7266.6/17

asym_bpm0i02WS_rms vs Slug



Right In: 136.213 $\pm$ 0.042 χ^2 /NDF: 653653.5/15

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

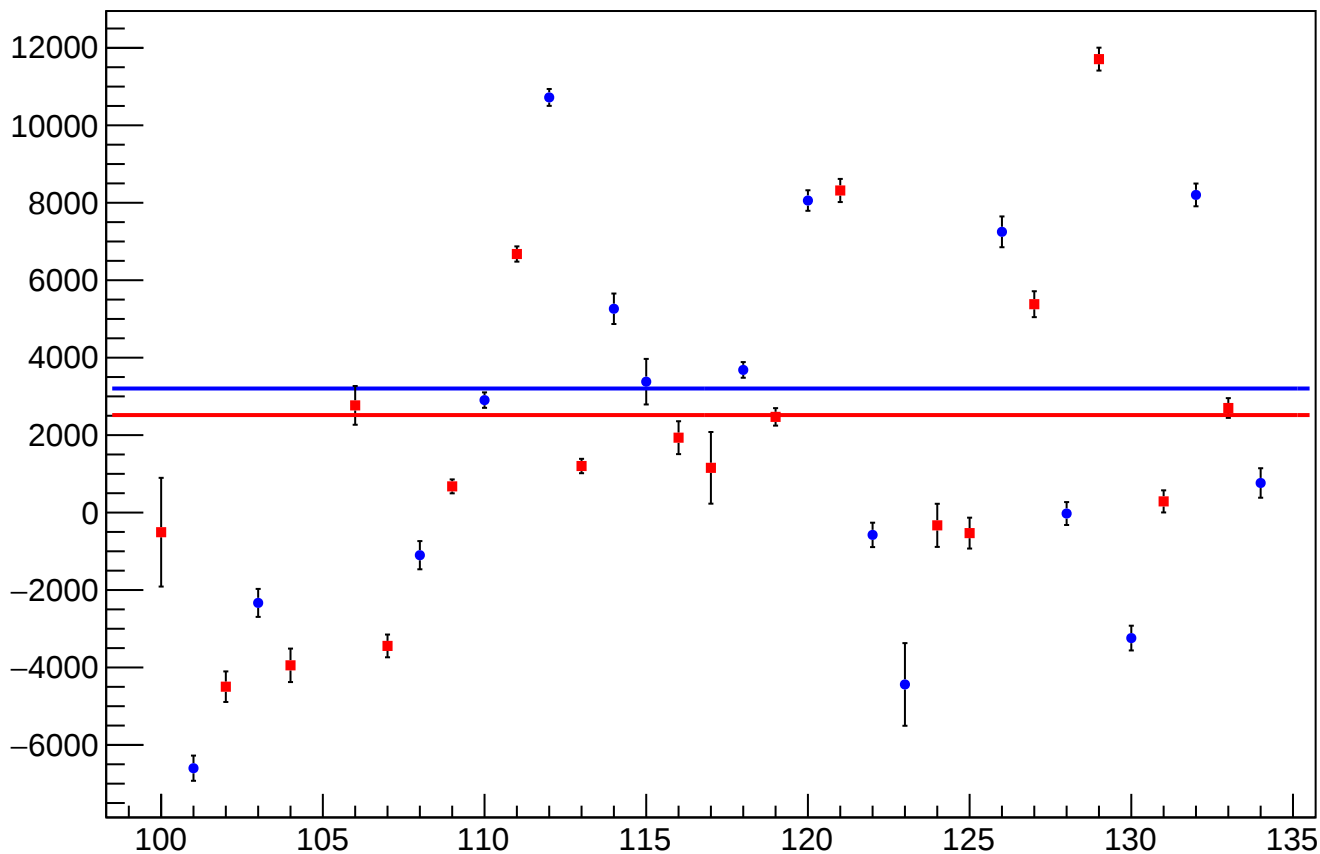
Right Out: 133.895 $\pm$ 0.039 χ^2 /NDF: 809838.2/17

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

136.213 $\pm$ 0.042 χ^2 /NDF: 653653.5/15

133.895 $\pm$ 0.039 χ^2 /NDF: 809838.2/17

asym_bpm0i02aWS_mean vs Slug



Right In: 3203.737+/-75.445 χ^2 /NDF: 3997.2/15

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

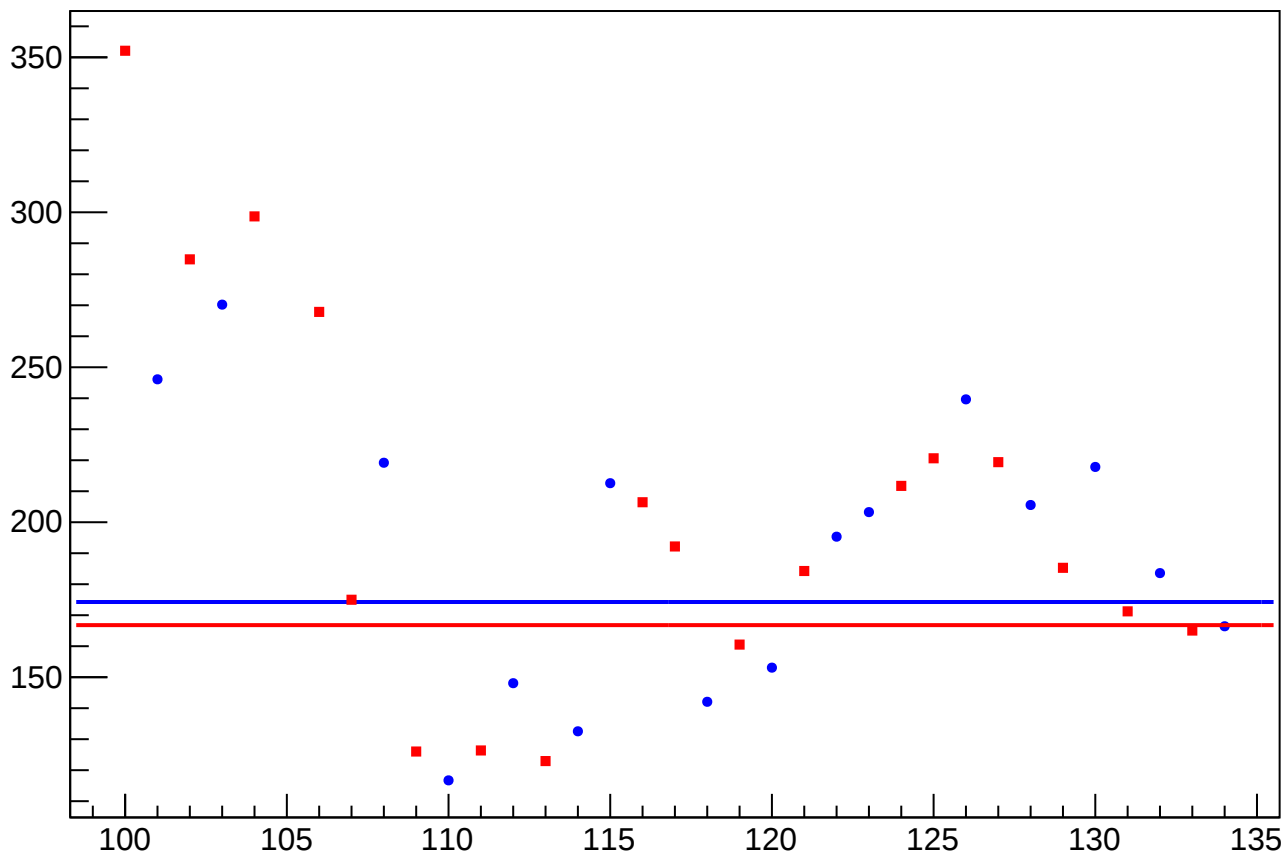
Right Out: 2517.859+/-69.255 χ^2 /NDF: 3121.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

3203.737+/-75.445 χ^2 /NDF: 3997.2/15

2517.859+/-69.255 χ^2 /NDF: 3121.5/17

asym_bpm0i02aWS_rms vs Slug



Right In: 174.263+/-0.053 χ^2/NDF : 685080.5/15

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

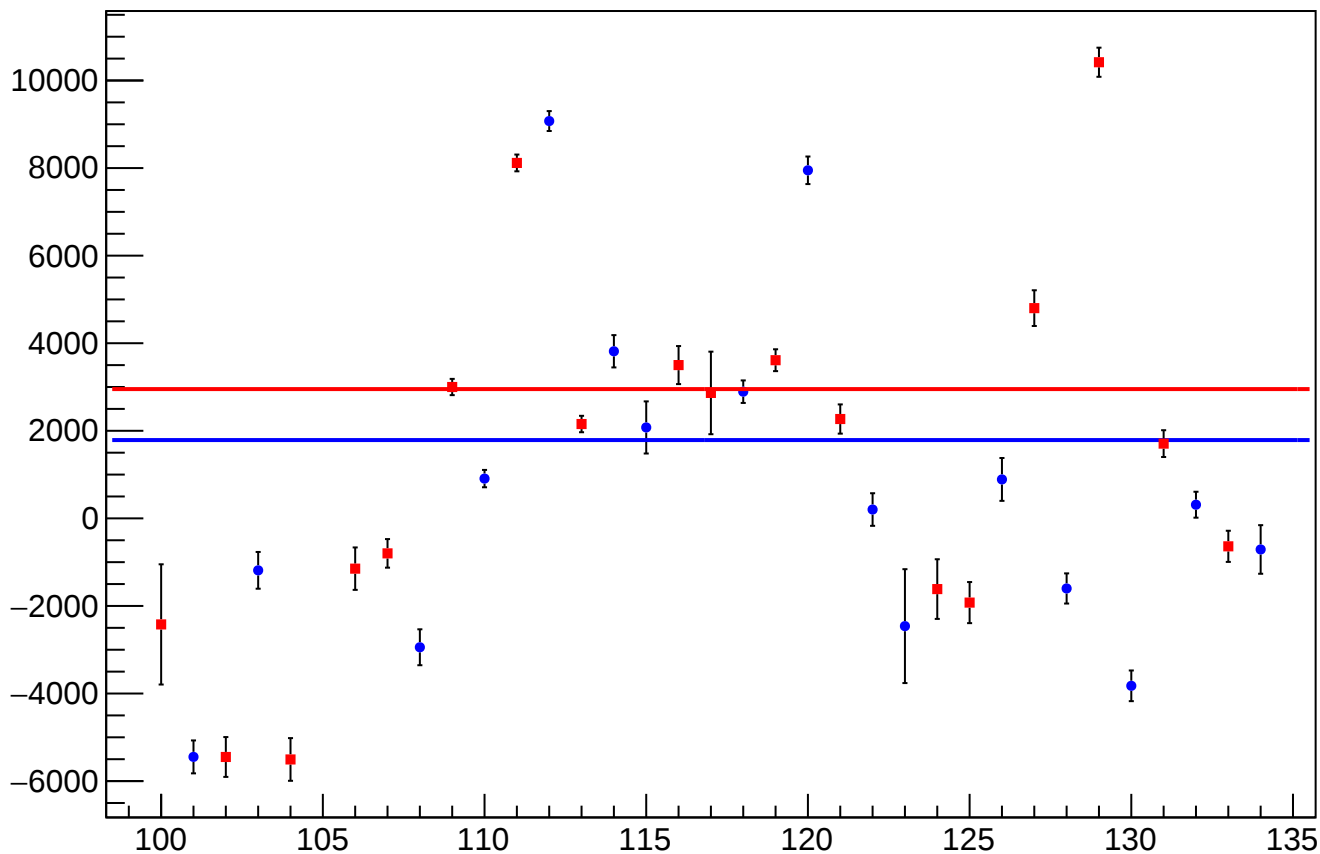
Right Out: 166.802+/-0.049 χ^2/NDF : 915875.4/17

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

174.263+/-0.053 χ^2/NDF : 685080.5/15

166.802+/-0.049 χ^2/NDF : 915875.4/17

asym_bpm0i05WS_mean vs Slug



Right In: 1788.316 $\pm$ 83.876 χ^2 /NDF: 2463.8/15

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

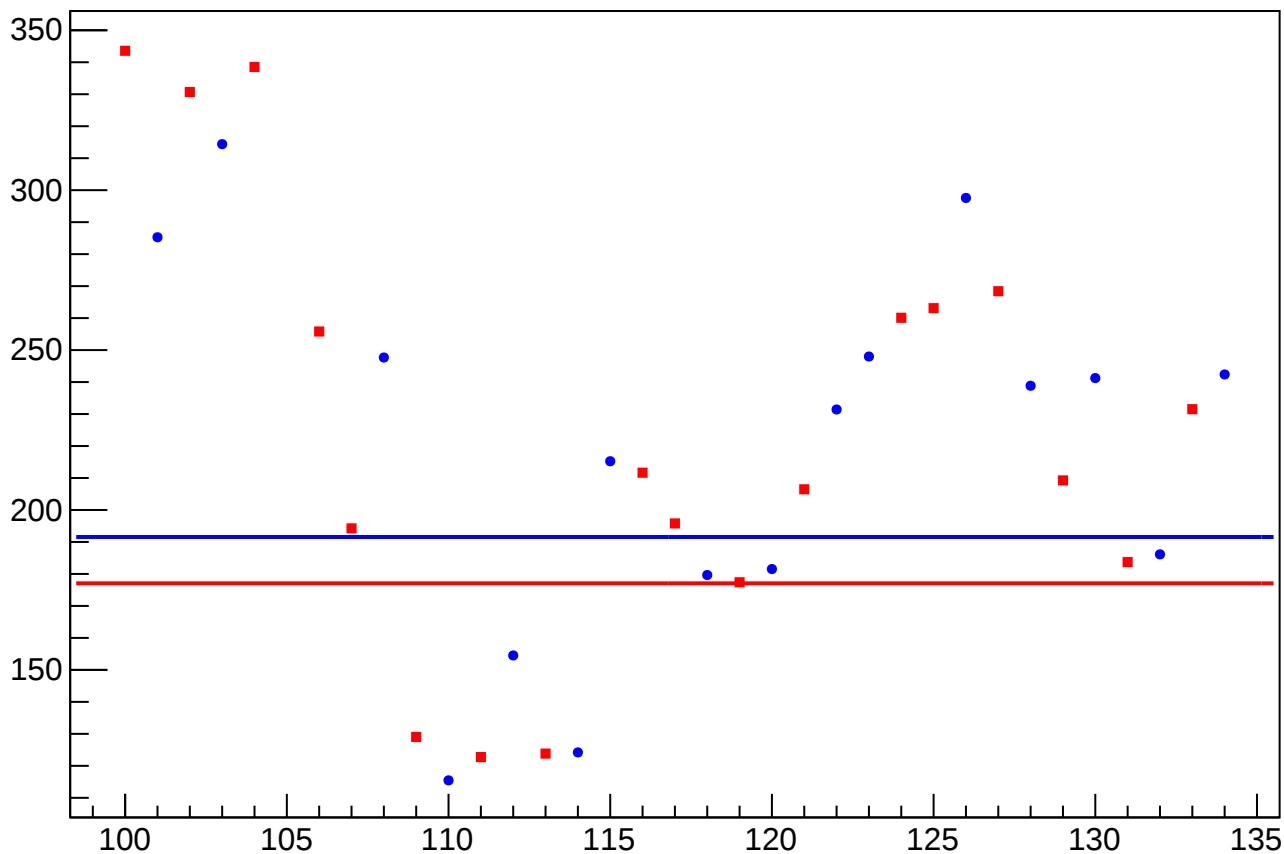
Right Out: 2952.597 $\pm$ 74.587 χ^2 /NDF: 2414.9/17

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

1788.316 $\pm$ 83.876 χ^2 /NDF: 2463.8/15

2952.597 $\pm$ 74.587 χ^2 /NDF: 2414.9/17

asym_bpm0i05WS_rms vs Slug



Right In: 191.553+/-0.059 χ^2/NDF : 973301.2/15

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

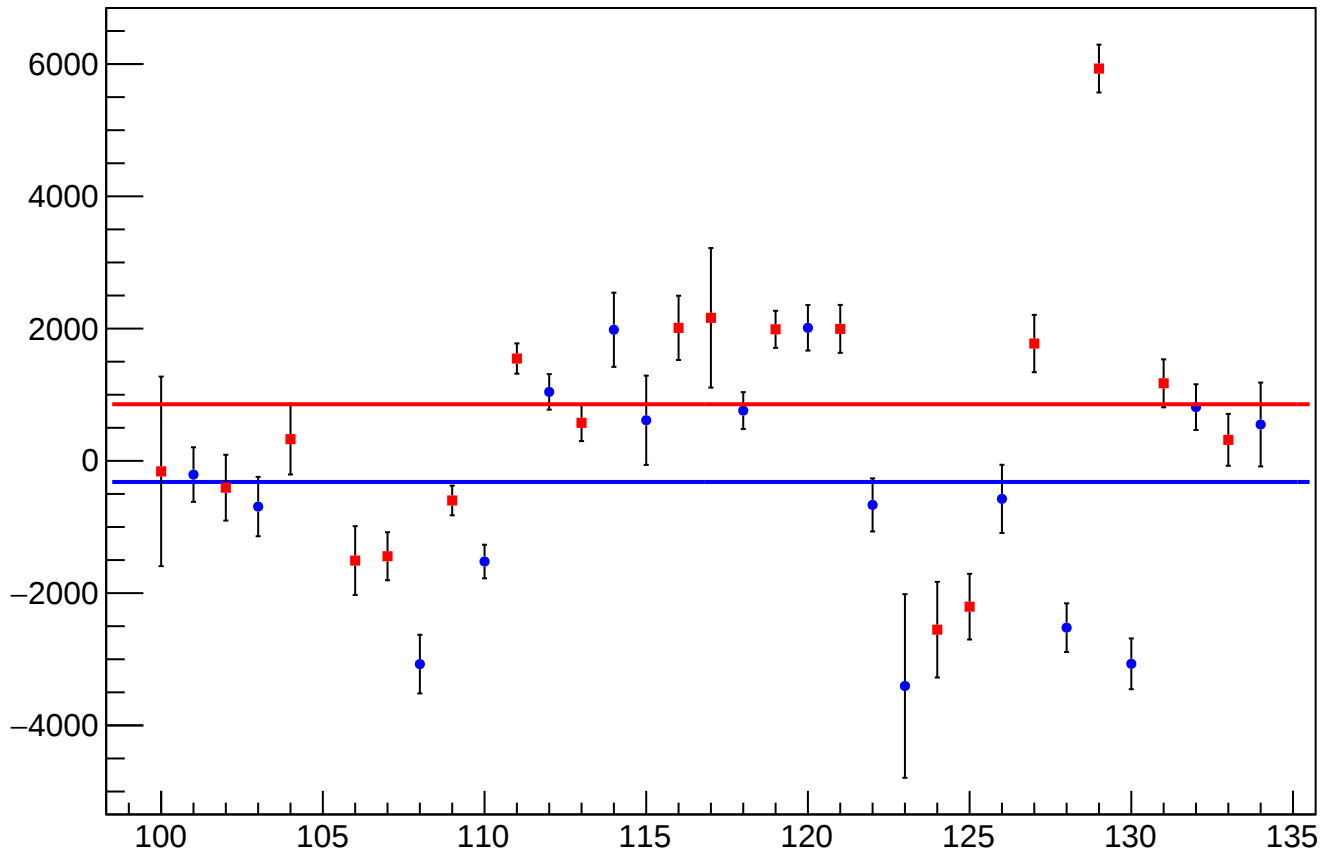
Right Out: 177.063+/-0.053 χ^2/NDF : 1284043.8/17

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

191.553+/-0.059 χ^2/NDF : 973301.2/15

177.063+/-0.053 χ^2/NDF : 1284043.8/17

asym_bpm0i07WS_mean vs Slug



Right In: -319.044+/-96.450 χ^2/NDF : 272.7/15

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

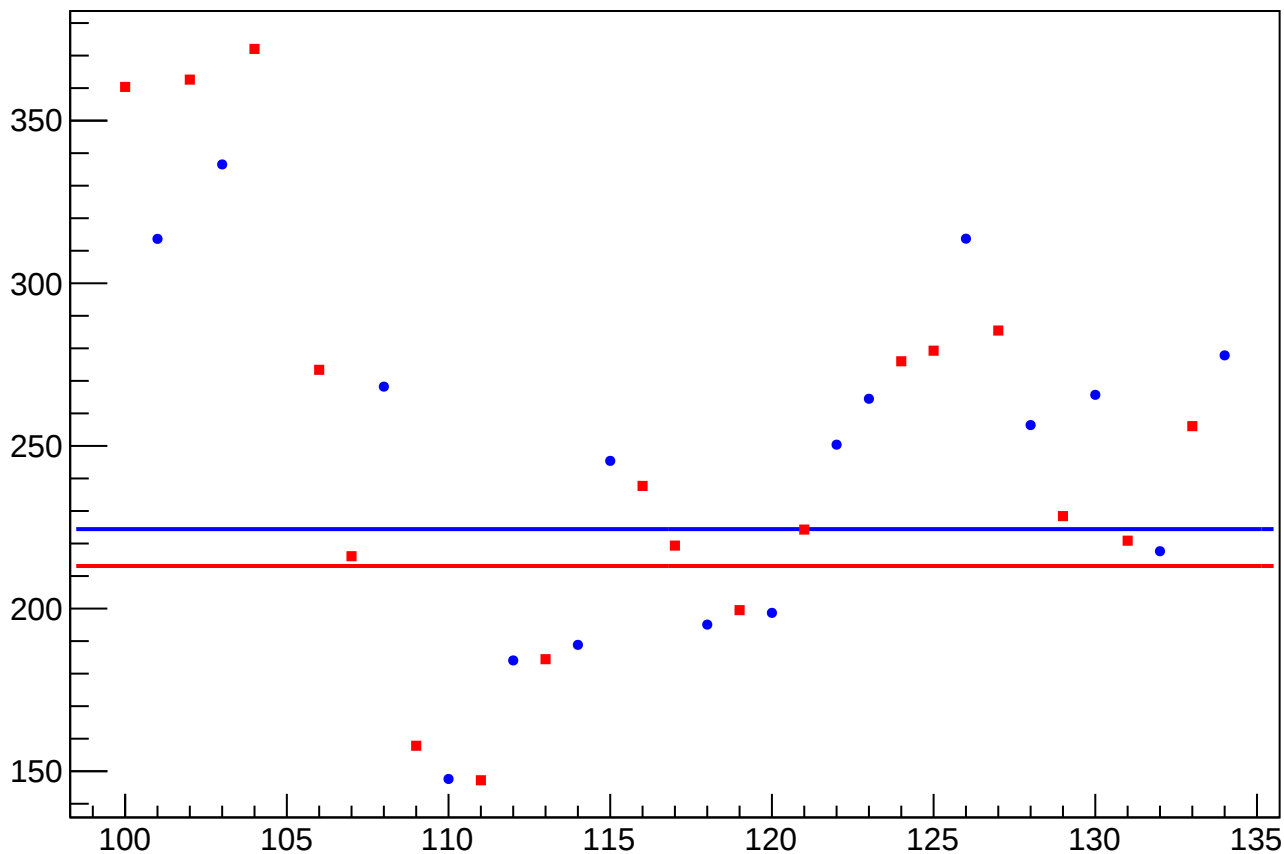
Right Out: 855.814+/-87.744 χ^2/NDF : 418.9/17

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

-319.044+/-96.450 χ^2/NDF : 272.7/15

855.814+/-87.744 χ^2/NDF : 418.9/17

asym_bpm0i07WS_rms vs Slug



Right In: 224.429+/-0.068 χ^2/NDF : 632501.8/15

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

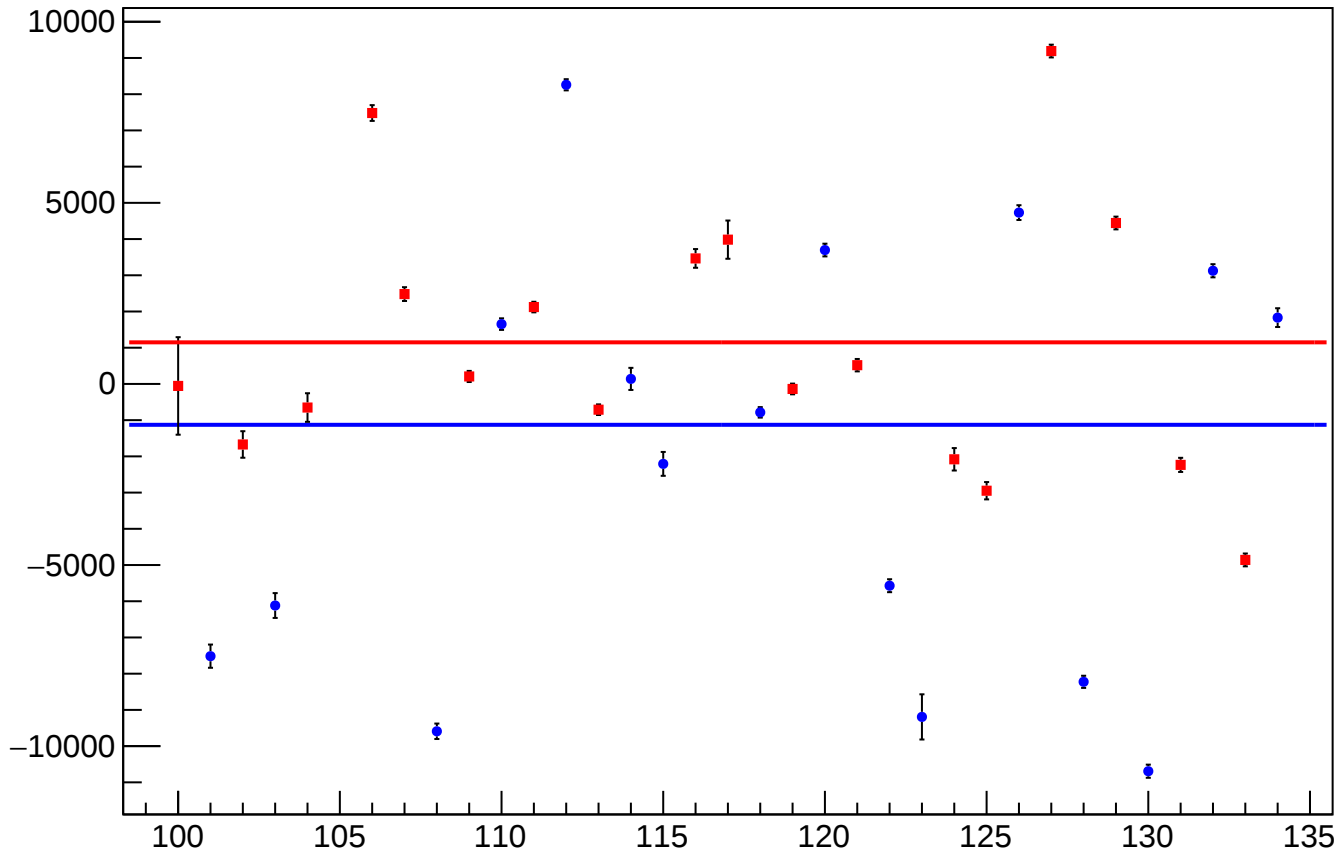
Right Out: 213.093+/-0.062 χ^2/NDF : 861113.2/17

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

224.429+/-0.068 χ^2/NDF : 632501.8/15

213.093+/-0.062 χ^2/NDF : 861113.2/17

asym_bpm1i02WS_mean vs Slug



Right In: -1128.390 $\pm$ 50.616 χ^2 /NDF: 13813.2/15

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

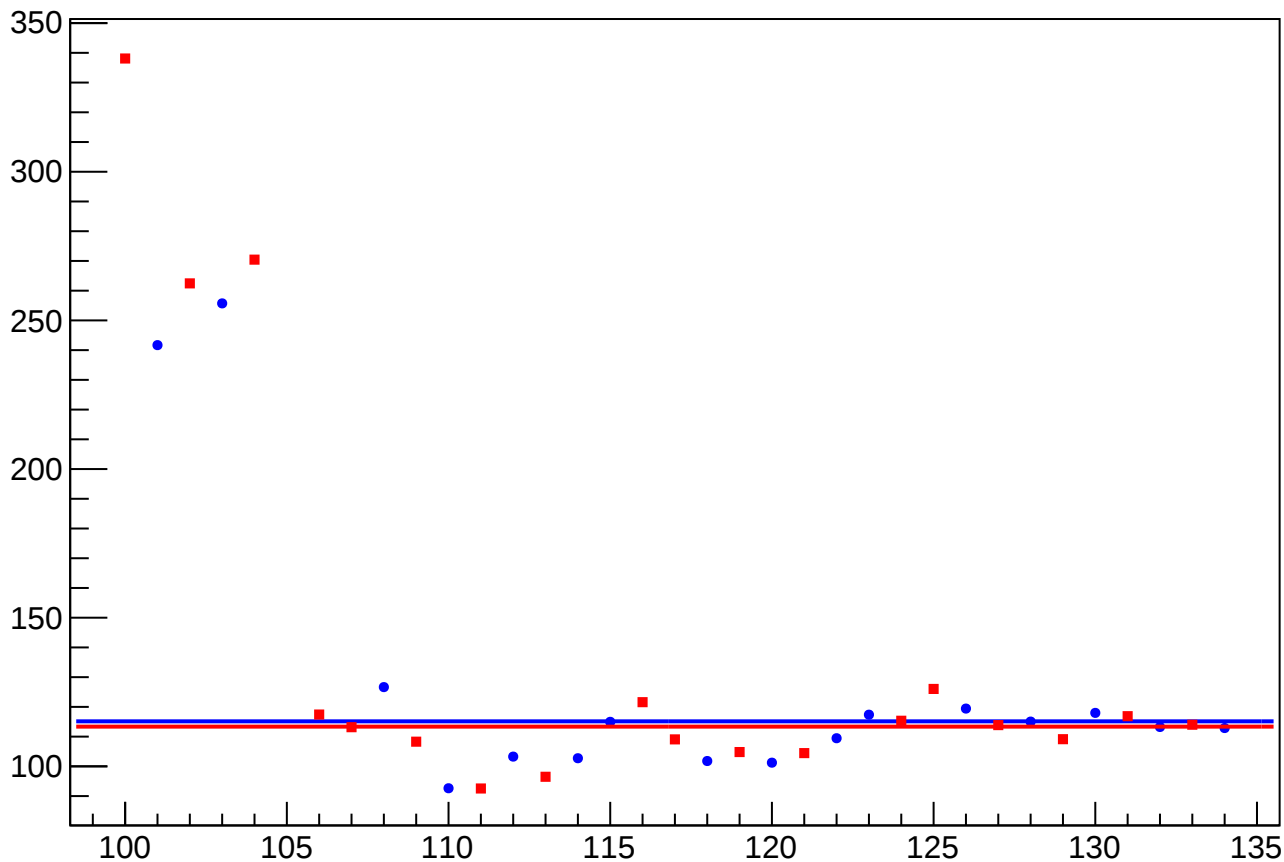
Right Out: 1148.541 $\pm$ 47.282 χ^2 /NDF: 5696.7/17

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

-1128.390 $\pm$ 50.616 χ^2 /NDF: 13813.2/15

1148.541 $\pm$ 47.282 χ^2 /NDF: 5696.7/17

asym_bpm1i02WS_rms vs Slug



Right In: 115.142 $\pm$ 0.036 χ^2 /NDF: 741793.9/15

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

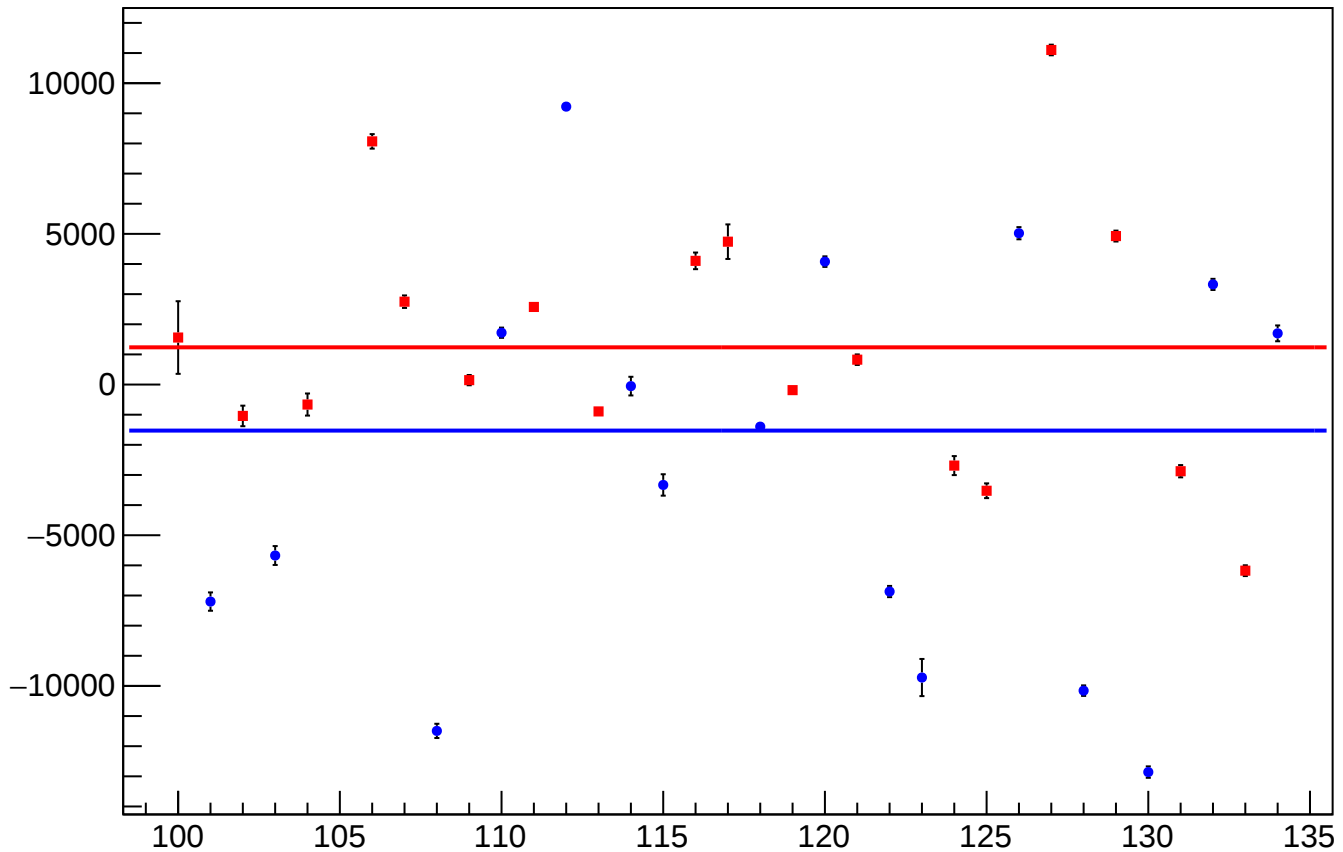
Right Out: 113.362 $\pm$ 0.033 χ^2 /NDF: 795127.7/17

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

115.142 $\pm$ 0.036 χ^2 /NDF: 741793.9/15

113.362 $\pm$ 0.033 χ^2 /NDF: 795127.7/17

asym_bpm2i01WS_mean vs Slug



Right In: -1527.485 ± 52.130 χ^2/NDF : 17009.8/15

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

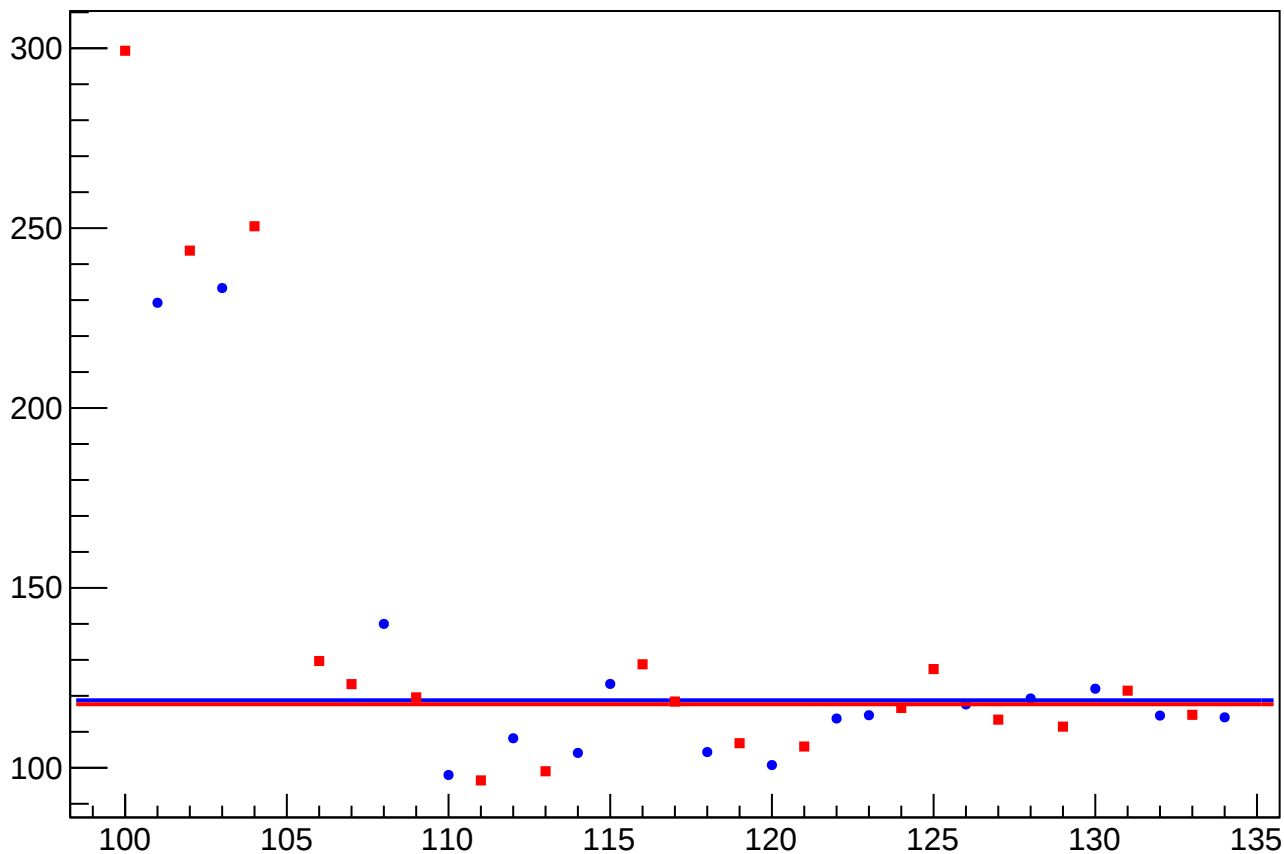
Right Out: 1235.182 ± 49.045 χ^2/NDF : 7689.5/17

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

-1527.485 ± 52.130 χ^2/NDF : 17009.8/15

1235.182 ± 49.045 χ^2/NDF : 7689.5/17

asym_bpm2i01WS_rms vs Slug



Right In: 118.762 $\pm$ 0.037 χ^2 /NDF: 634547.3/15

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

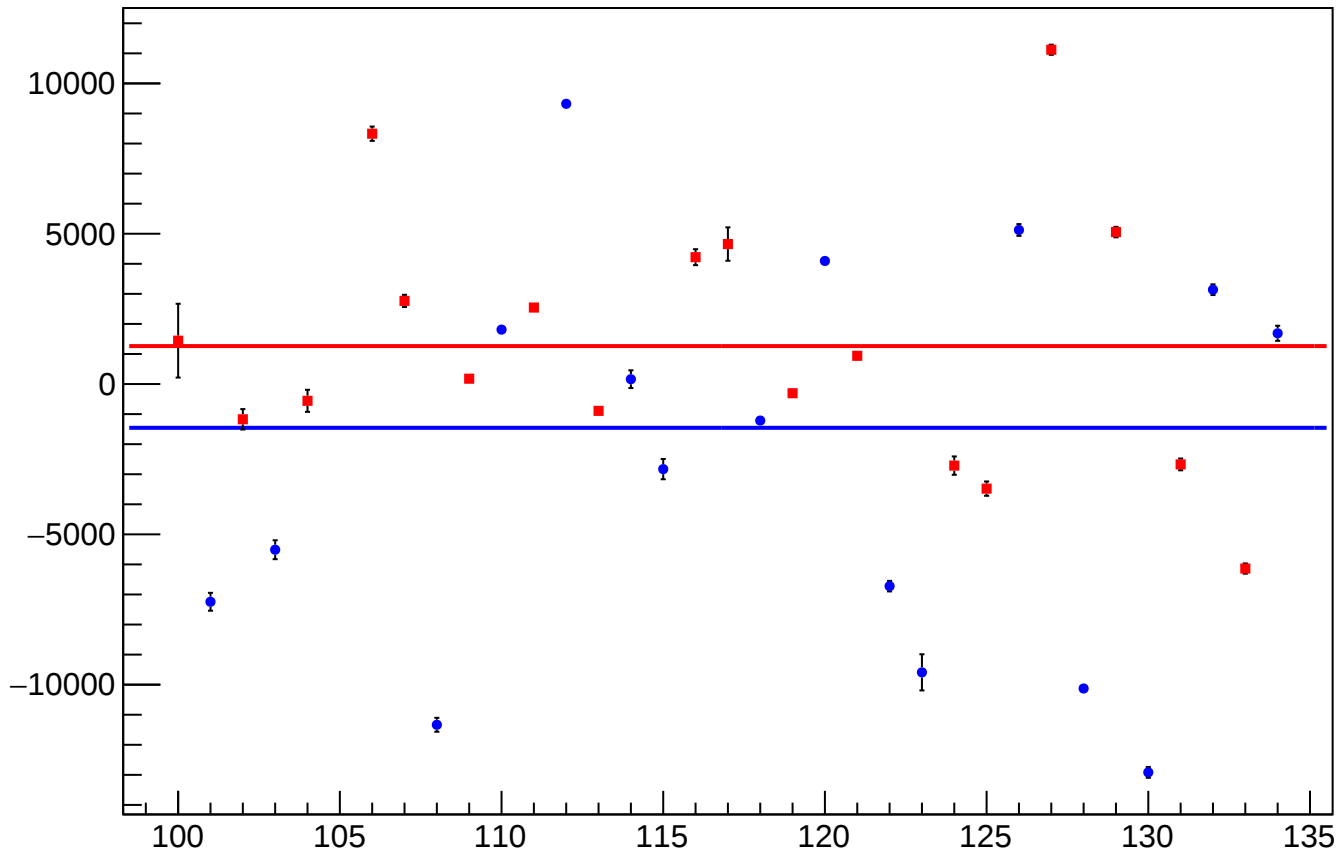
Right Out: 117.660 $\pm$ 0.035 χ^2 /NDF: 687483.0/17

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

118.762 $\pm$ 0.037 χ^2 /NDF: 634547.3/15

117.660 $\pm$ 0.035 χ^2 /NDF: 687483.0/17

asym_bpm2i02WS_mean vs Slug



Right In: -1455.654+/-49.993 χ^2/NDF : 18492.0/15

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

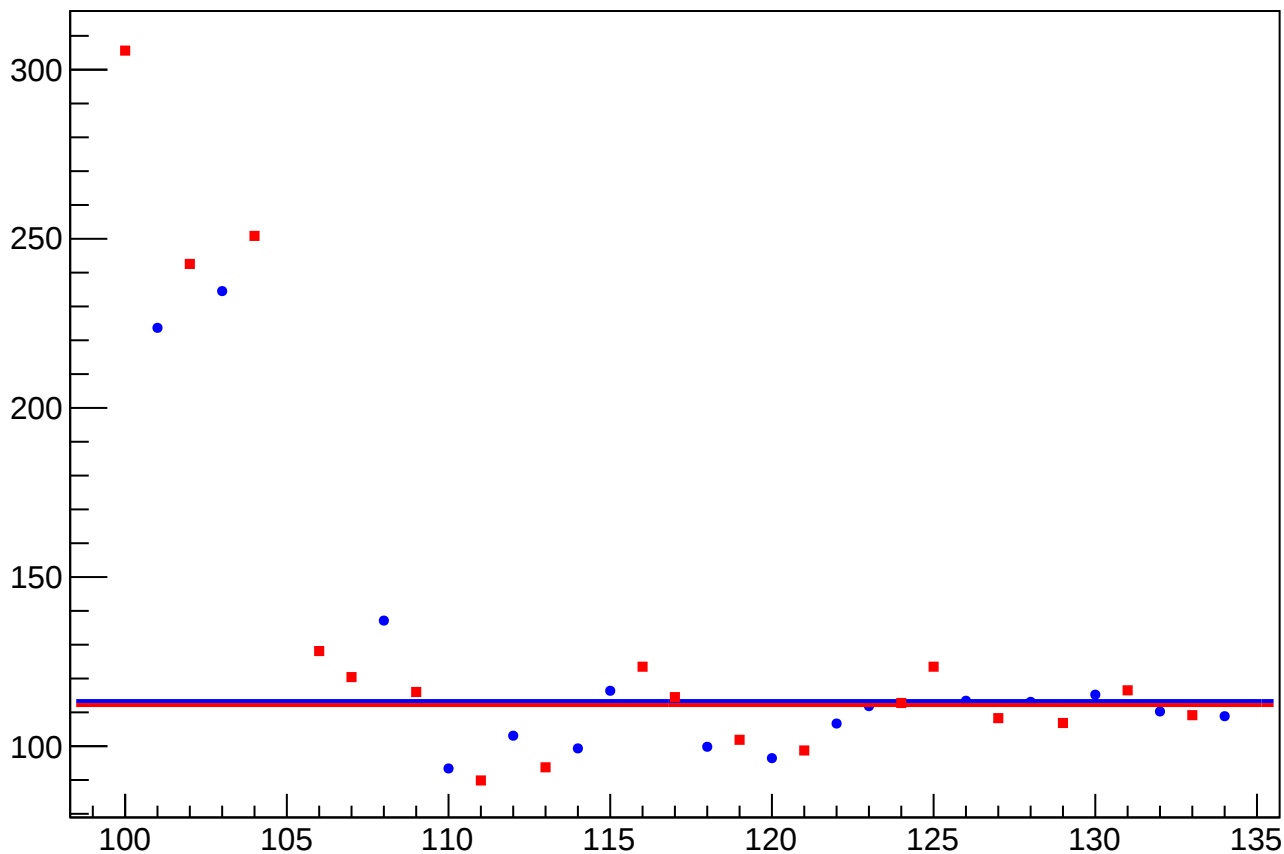
Right Out: 1262.651+/-47.013 χ^2/NDF : 8377.2/17

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

-1455.654+/-49.993 χ^2/NDF : 18492.0/15

1262.651+/-47.013 χ^2/NDF : 8377.2/17

asym_bpm2i02WS_rms vs Slug



Right In: 113.337 $\pm$ 0.035 χ^2 /NDF: 679389.5/15

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

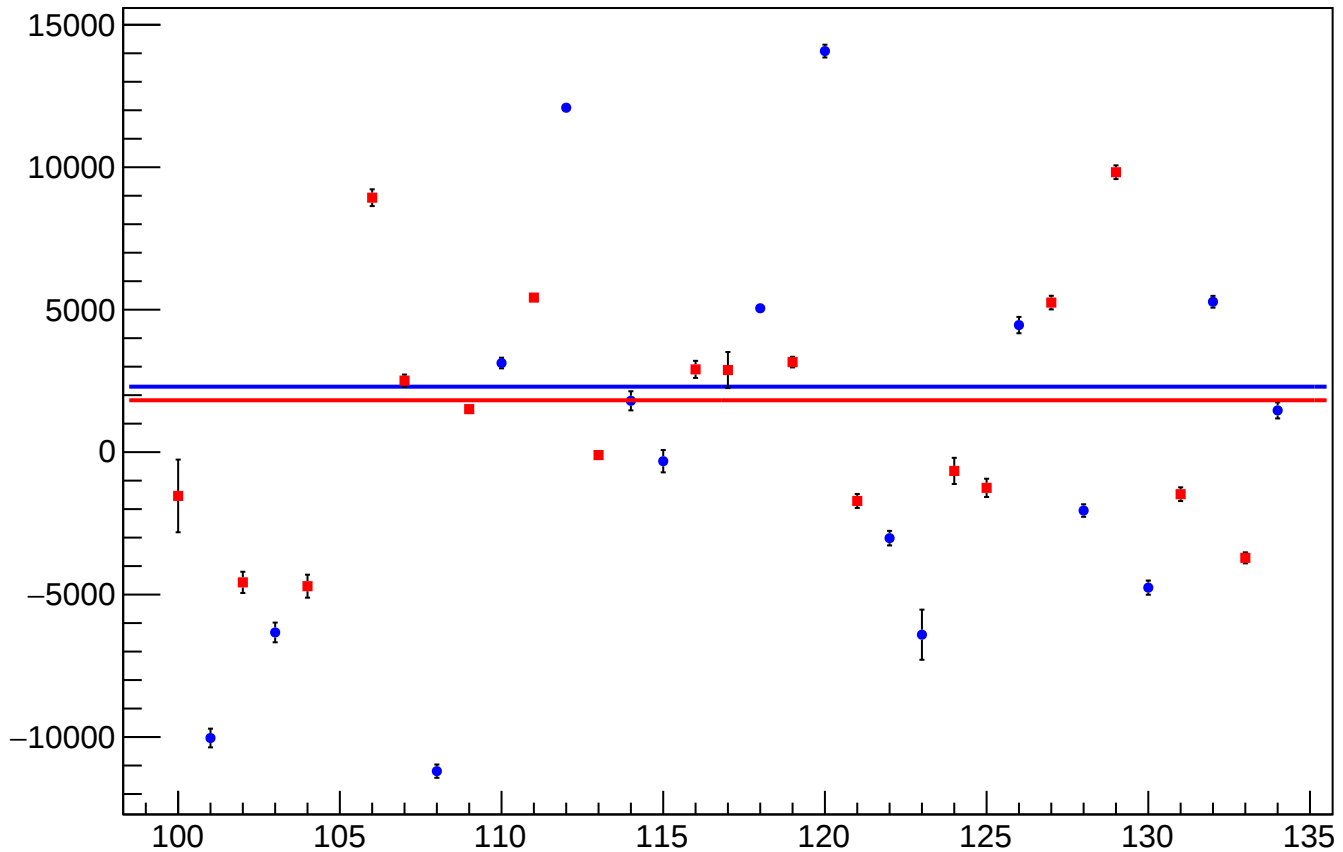
Right Out: 112.162 $\pm$ 0.033 χ^2 /NDF: 761528.7/17

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

113.337 $\pm$ 0.035 χ^2 /NDF: 679389.5/15

112.162 $\pm$ 0.033 χ^2 /NDF: 761528.7/17

asym_bpm0i01WS_mean vs Slug



Right In: 2297.930+/-61.228 χ^2/NDF : 13555.7/15

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

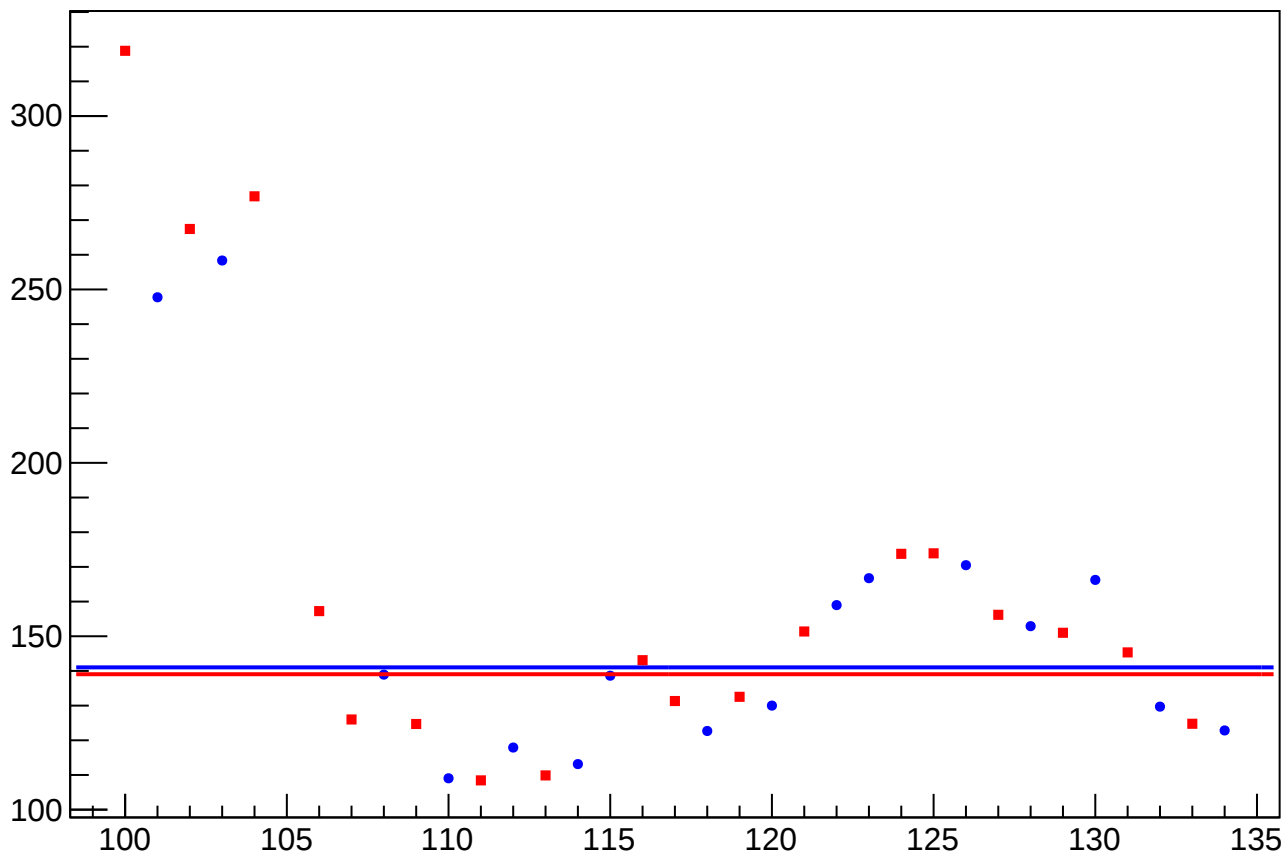
Right Out: 1820.772+/-57.479 χ^2/NDF : 4446.5/17

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

2297.930+/-61.228 χ^2/NDF : 13555.7/15

1820.772+/-57.479 χ^2/NDF : 4446.5/17

asym_bpm0i01WS_rms vs Slug



Right In: 141.030 $\pm$ 0.043 χ^2 /NDF: 648510.5/15

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

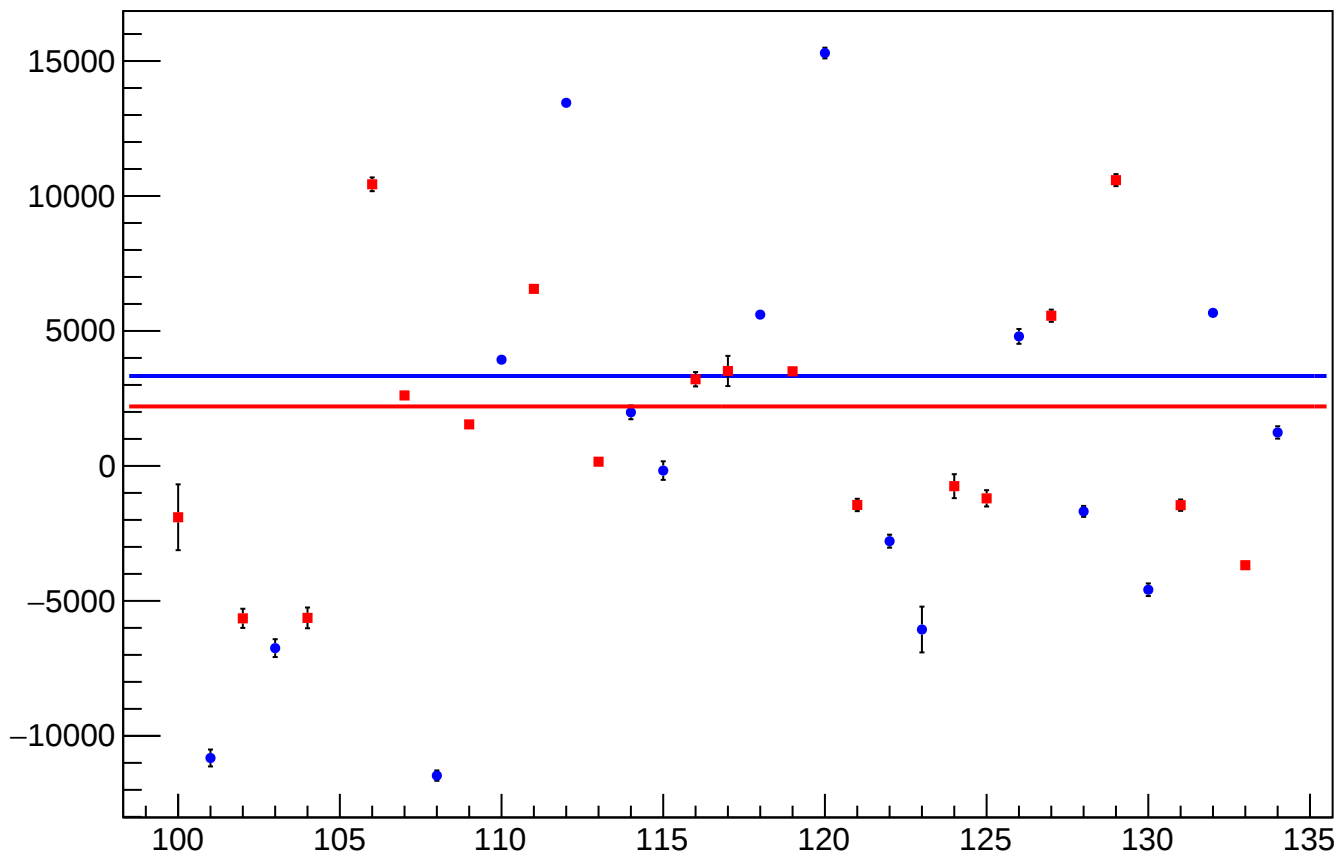
Right Out: 139.051 $\pm$ 0.041 χ^2 /NDF: 735352.3/17

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

141.030 $\pm$ 0.043 χ^2 /NDF: 648510.5/15

139.051 $\pm$ 0.041 χ^2 /NDF: 735352.3/17

asym_bpm0i01aWS_mean vs Slug



Right In: 3331.558+/-51.352 χ^2/NDF : 21574.2/15

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

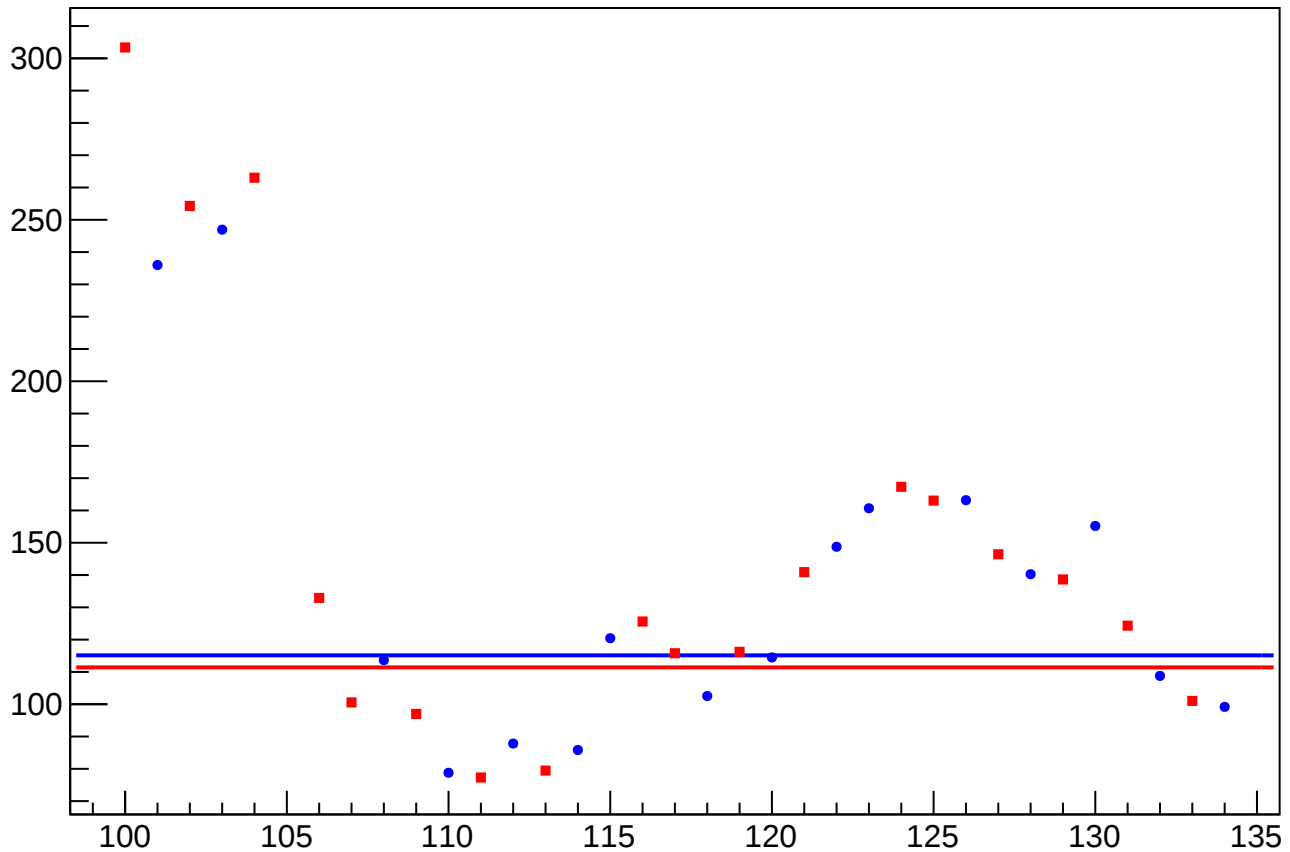
Right Out: 2203.435+/-47.455 χ^2/NDF : 7370.2/17

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

3331.558+/-51.352 χ^2/NDF : 21574.2/15

2203.435+/-47.455 χ^2/NDF : 7370.2/17

asym_bpm0i01aWS_rms vs Slug



Right In: 115.131+/-0.036 χ^2/NDF : 1090090.9/15

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

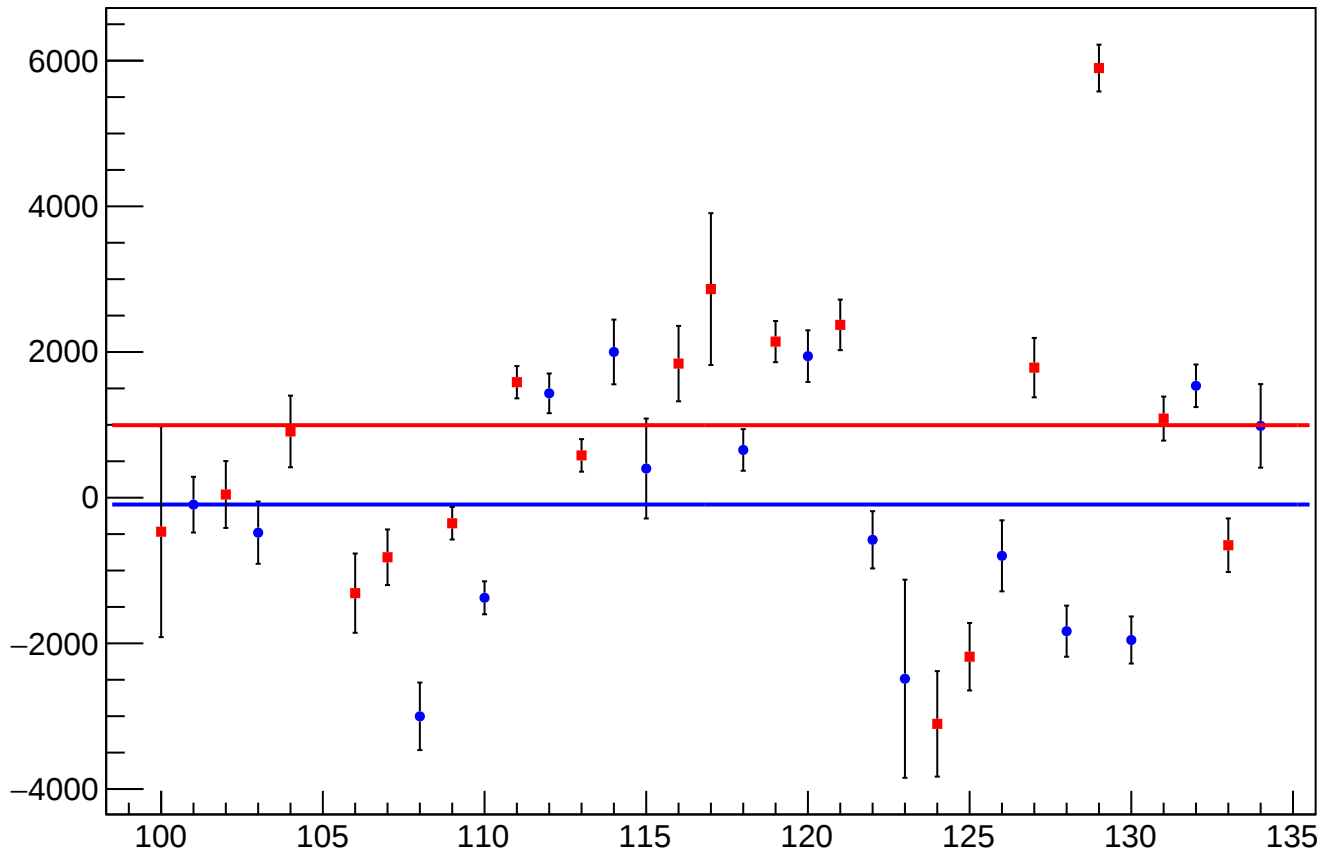
Right Out: 111.400+/-0.034 χ^2/NDF : 1245616.4/17

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

115.131+/-0.036 χ^2/NDF : 1090090.9/15

111.400+/-0.034 χ^2/NDF : 1245616.4/17

asym_bpm0l01WS_mean vs Slug



Right In: -93.991+/-90.909 χ^2 /NDF: 265.1/15

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

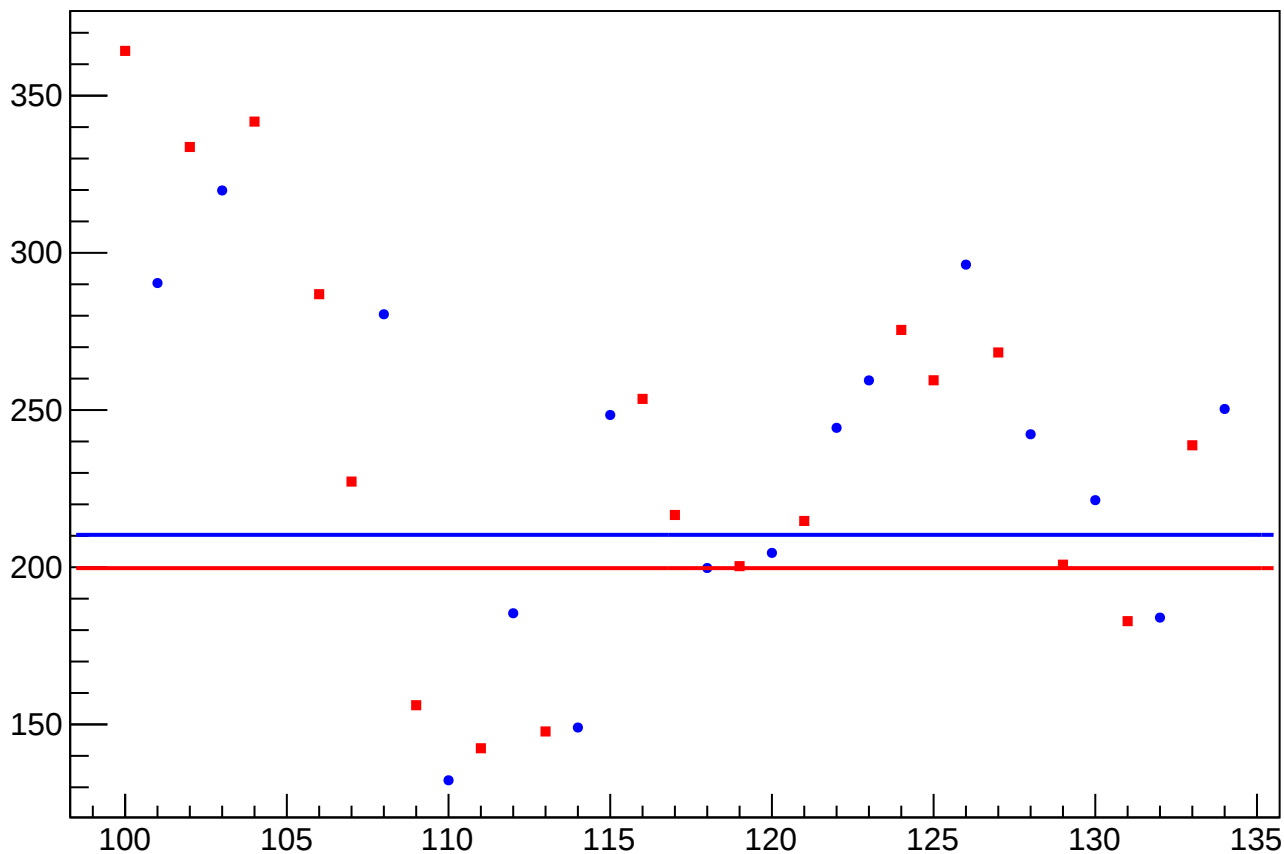
Right Out: 995.474+/-82.711 χ^2 /NDF: 467.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-93.991+/-90.909 χ^2 /NDF: 265.1/15

995.474+/-82.711 χ^2 /NDF: 467.1/17

asym_bpm0l01WS_rms vs Slug



Right In: 210.300 $\pm$ 0.064 χ^2 /NDF: 691943.3/15

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

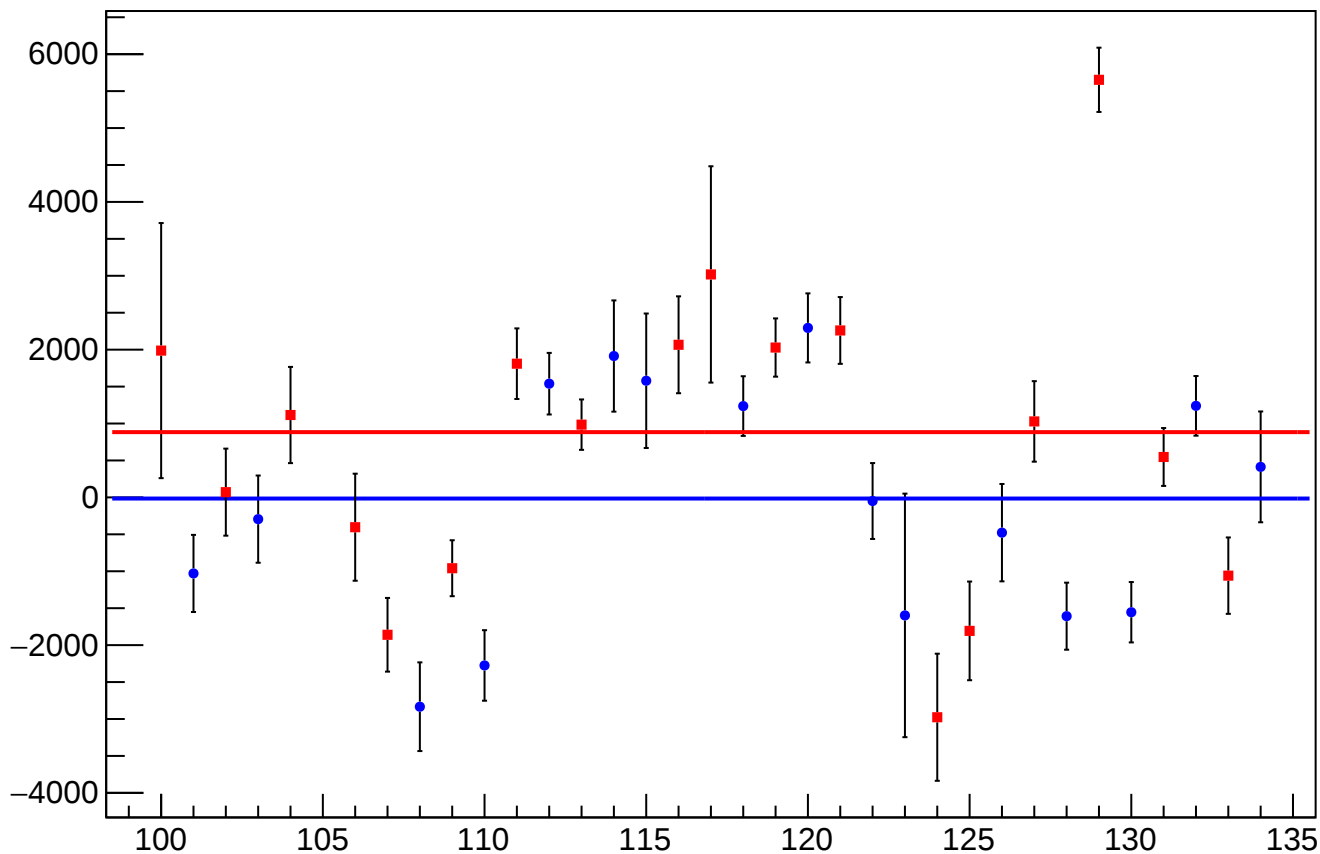
Right Out: 199.710 $\pm$ 0.058 χ^2 /NDF: 909407.6/17

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

210.300 $\pm$ 0.064 χ^2 /NDF: 691943.3/15

199.710 $\pm$ 0.058 χ^2 /NDF: 909407.6/17

asym_bpm0l02WS_mean vs Slug



Right In: -15.514 ± 130.915 χ^2/NDF : 143.9/15

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

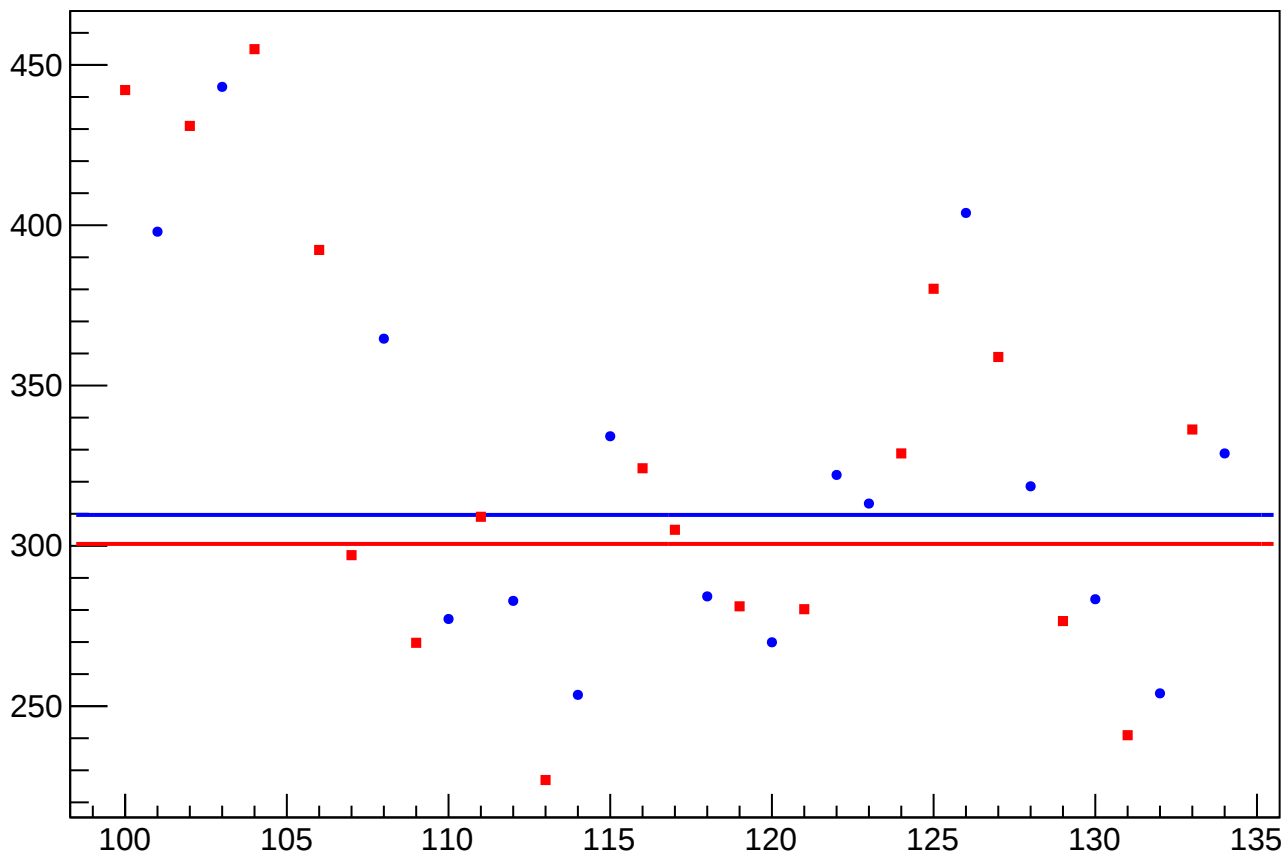
Right Out: 883.463 ± 121.223 χ^2/NDF : 257.9/17

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

-15.514 ± 130.915 χ^2/NDF : 143.9/15

883.463 ± 121.223 χ^2/NDF : 257.9/17

asym_bpm0l02WS_rms vs Slug



Right In: 309.650+/-0.093 χ^2/NDF : 319158.7/15

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

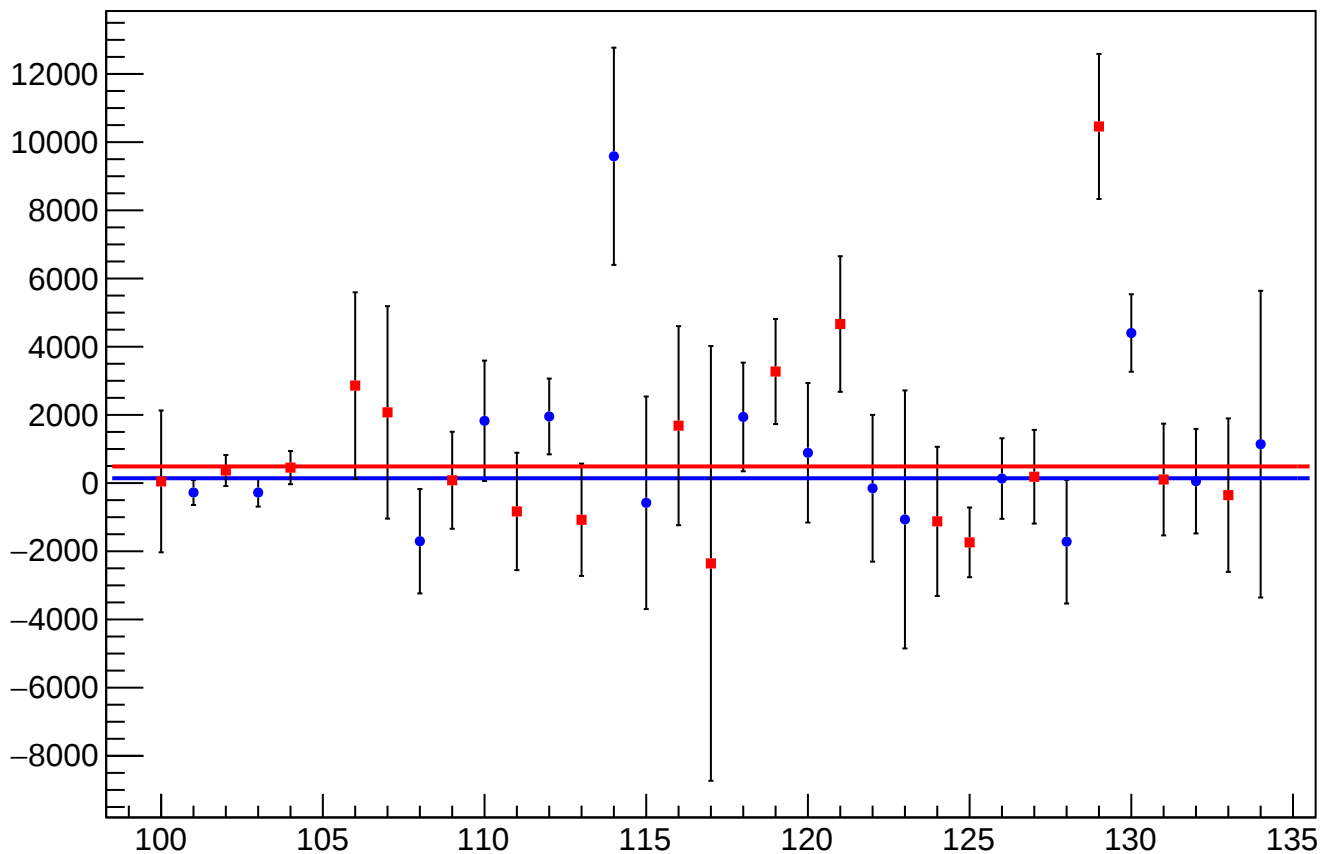
Right Out: 300.600+/-0.086 χ^2/NDF : 489793.1/17

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

309.650+/-0.093 χ^2/NDF : 319158.7/15

300.600+/-0.086 χ^2/NDF : 489793.1/17

asym_bpm0l03WS_mean vs Slug



Right In: 141.945+/-234.200 χ^2/NDF : 32.9/15

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

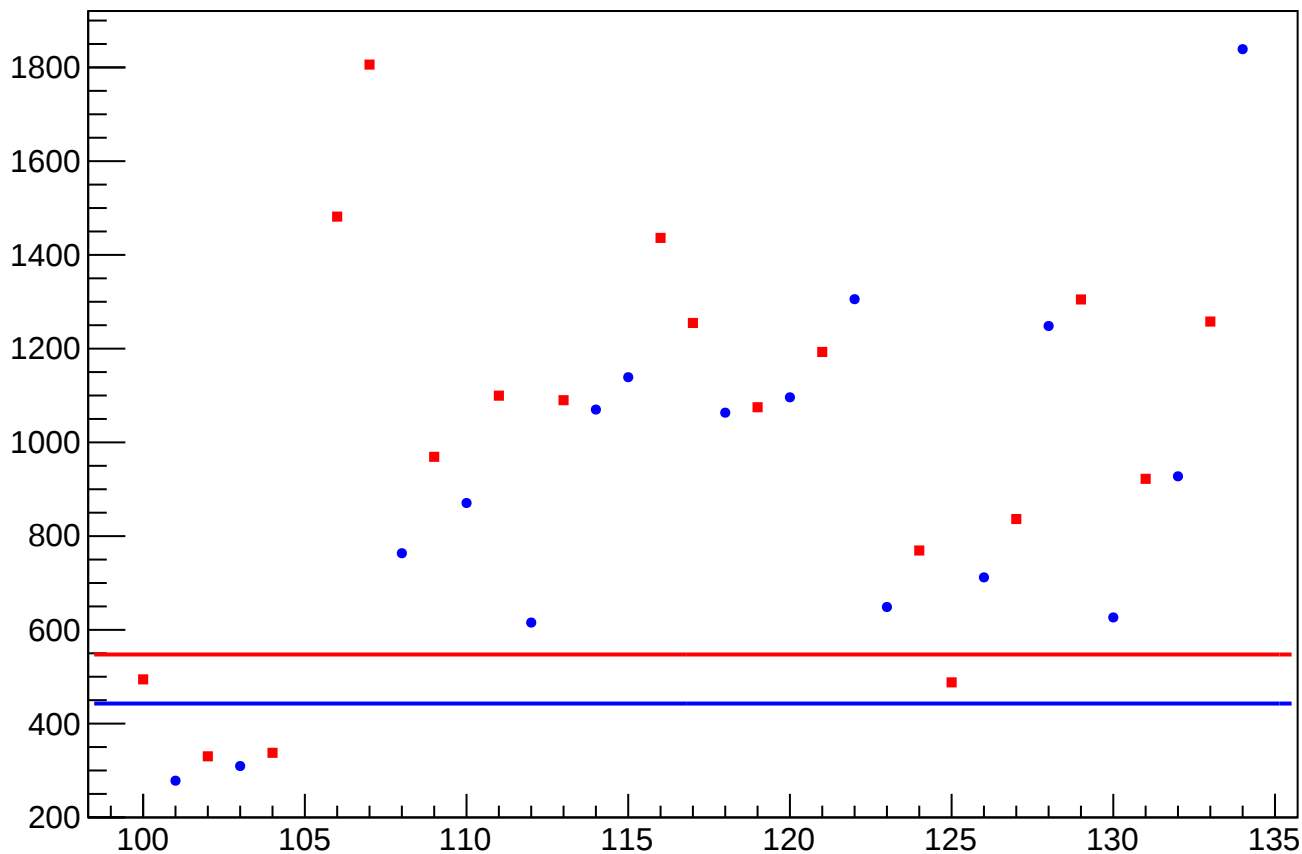
Right Out: 488.480+/-267.118 χ^2/NDF : 38.2/17

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

141.945+/-234.200 χ^2/NDF : 32.9/15

488.480+/-267.118 χ^2/NDF : 38.2/17

asym_bpm0l03WS_rms vs Slug



Right In: 442.814+/-0.166 χ^2/NDF : 2818993.4/15

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

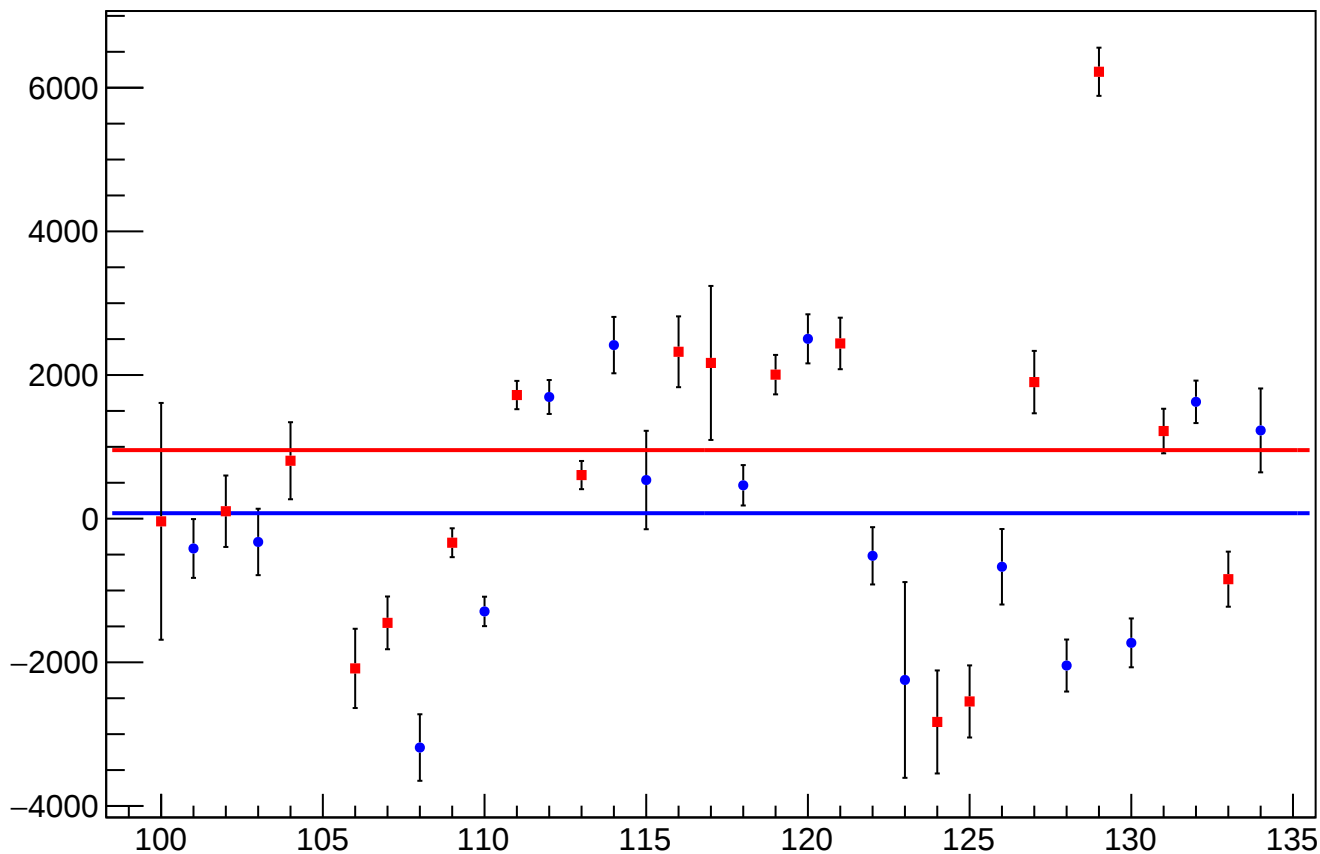
Right Out: 547.456+/-0.189 χ^2/NDF : 3314339.0/17

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

442.814+/-0.166 χ^2/NDF : 2818993.4/15

547.456+/-0.189 χ^2/NDF : 3314339.0/17

asym_bpm0l04WS_mean vs Slug



Right In: 76.099+/-88.410 χ^2/NDF : 332.6/15

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

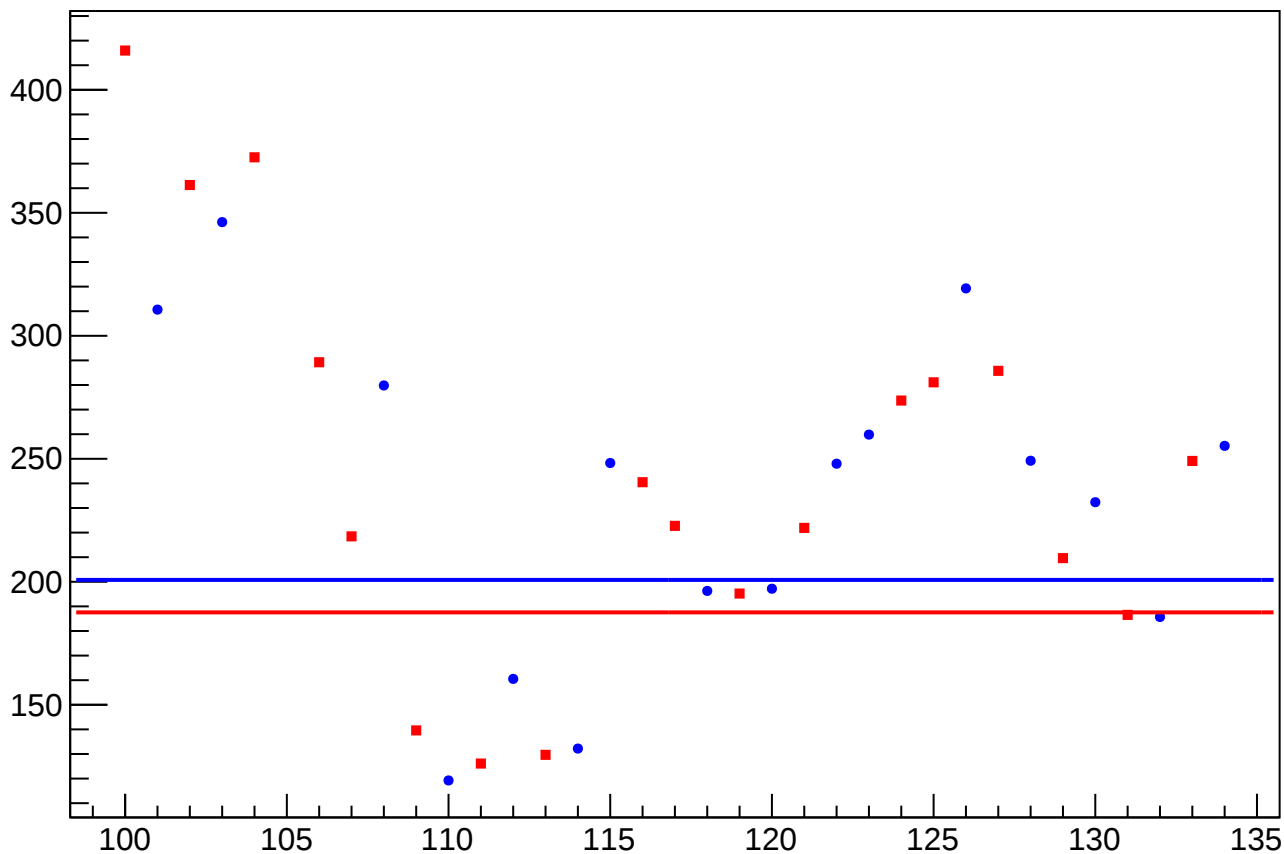
Right Out: 954.442+/-79.473 χ^2/NDF : 527.4/17

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

76.099+/-88.410 χ^2/NDF : 332.6/15

954.442+/-79.473 χ^2/NDF : 527.4/17

asym_bpm0l04WS_rms vs Slug



Right In: 200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

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

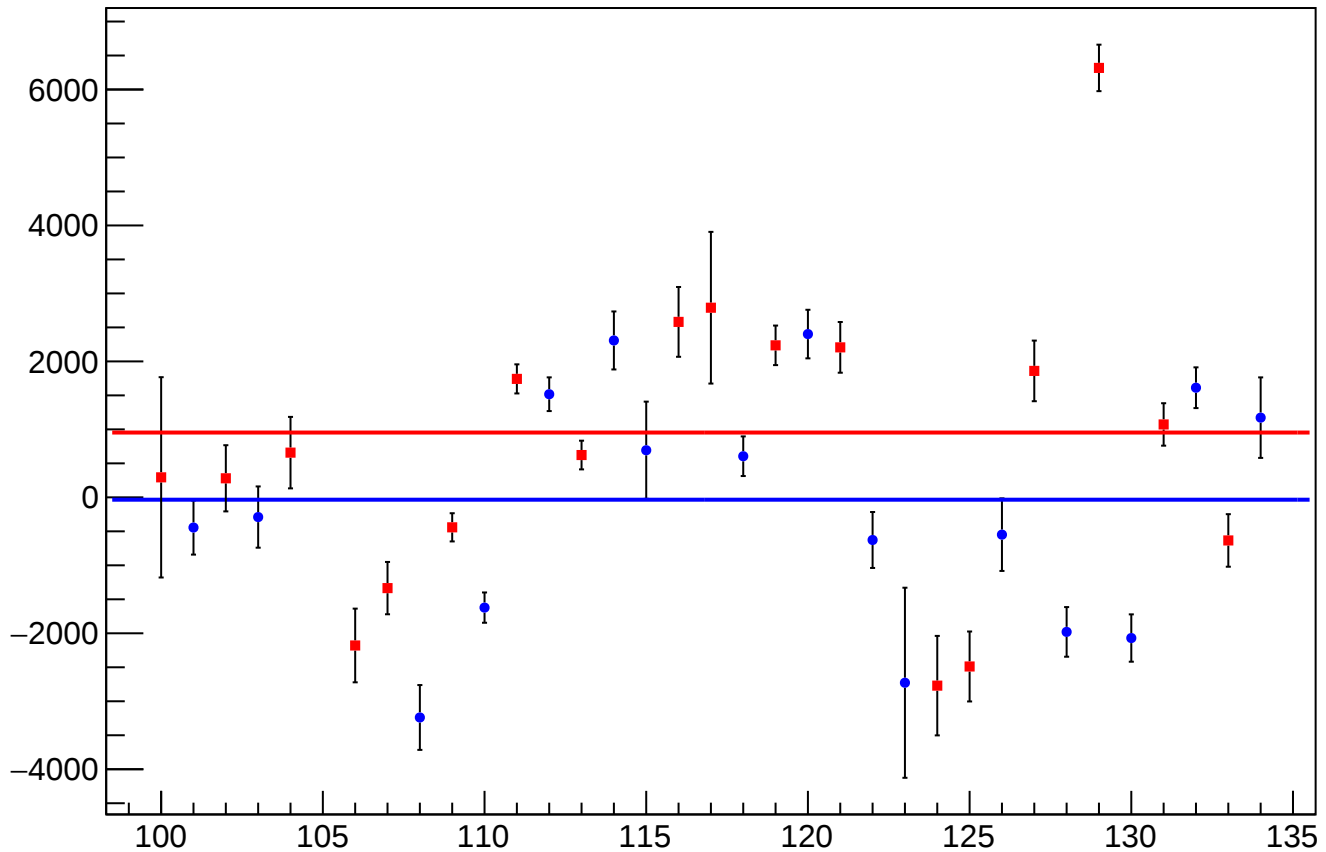
Right Out: 187.564 $\pm$ 0.056 χ^2 /NDF: 1390591.8/17

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

200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

187.564 $\pm$ 0.056 χ^2 /NDF: 1390591.8/17

asym_bpm0l05WS_mean vs Slug



Right In: -34.655+/-91.770 χ^2 /NDF: 322.5/15

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

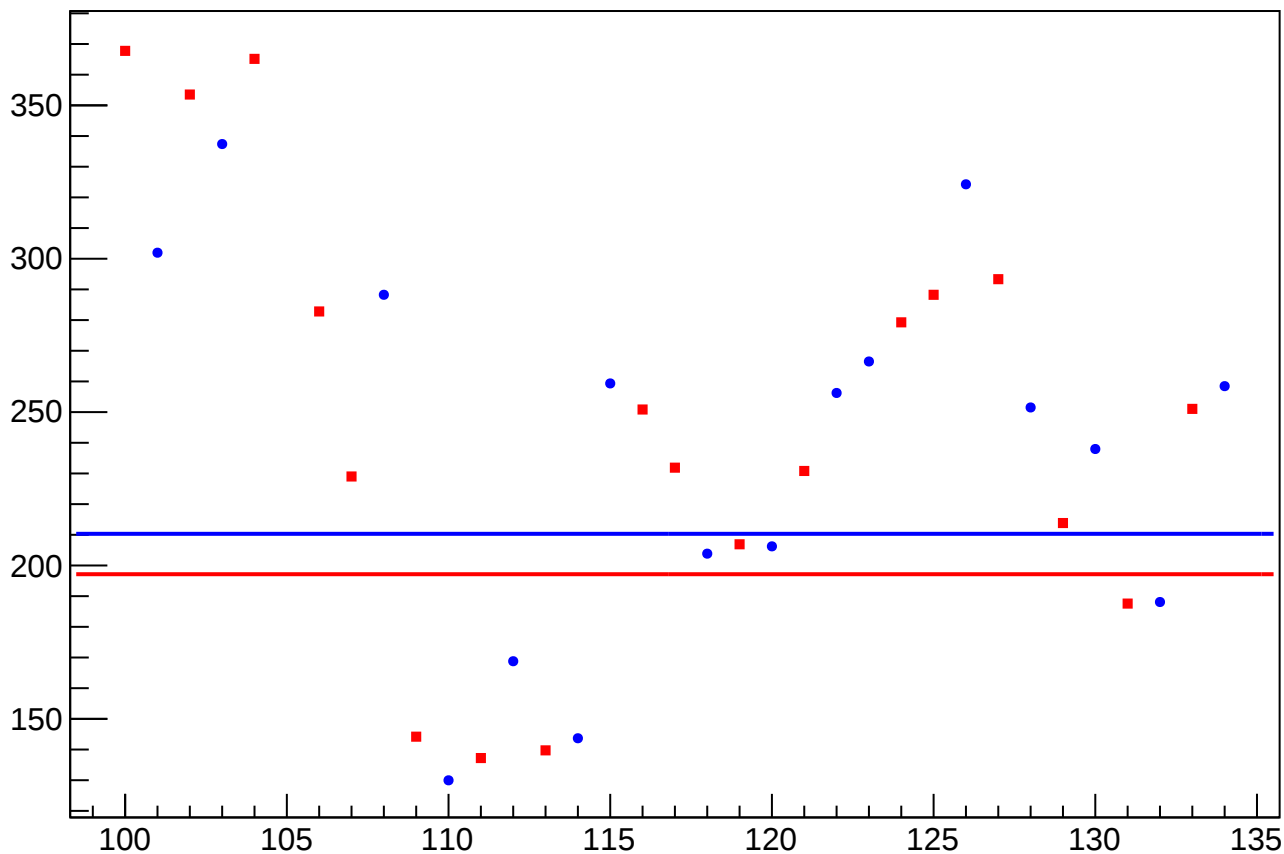
Right Out: 953.399+/-82.837 χ^2 /NDF: 513.9/17

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

-34.655+/-91.770 χ^2 /NDF: 322.5/15

953.399+/-82.837 χ^2 /NDF: 513.9/17

asym_bpm0l05WS_rms vs Slug



Right In: 210.324+/-0.065 χ^2/NDF : 875603.1/15

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

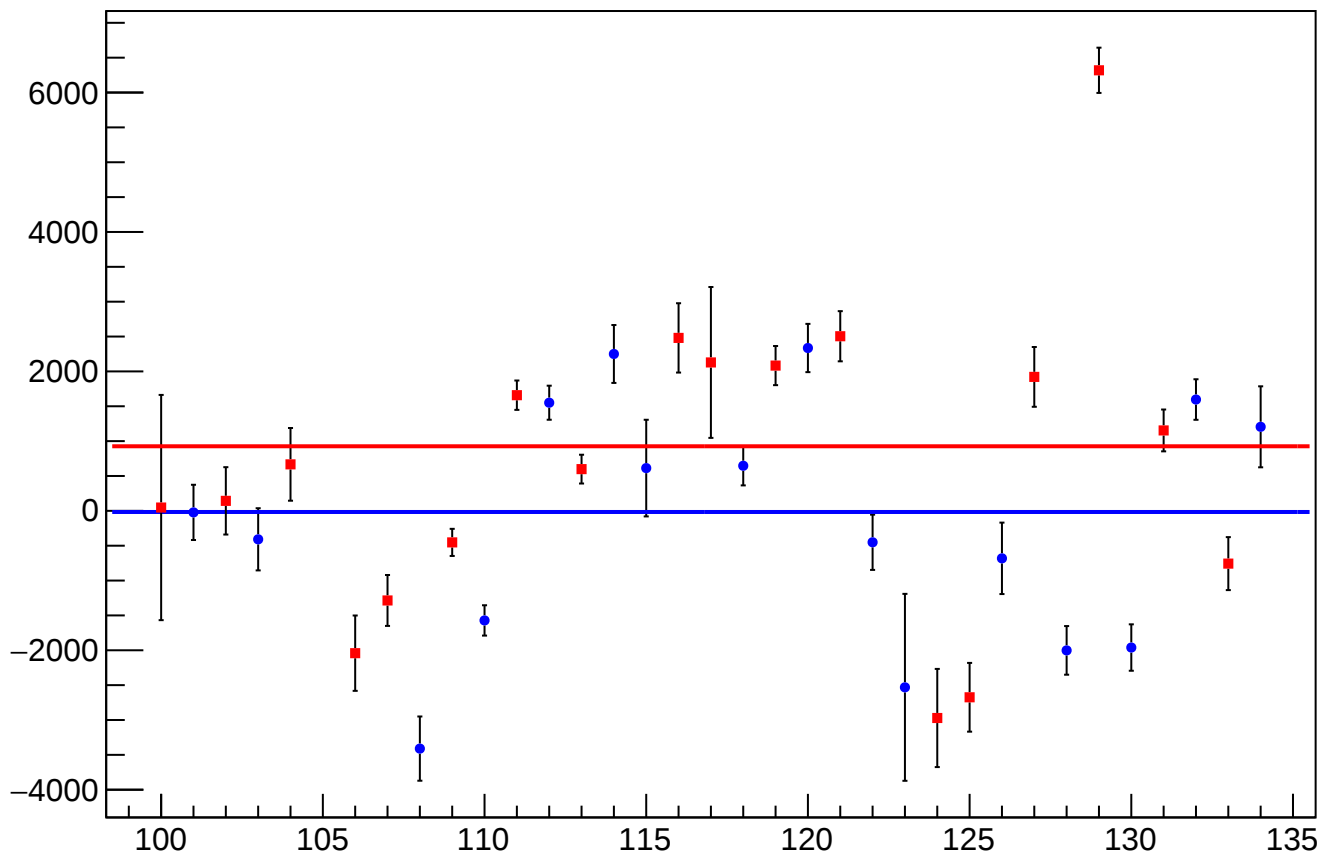
Right Out: 197.155+/-0.059 χ^2/NDF : 1204820.7/17

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

210.324+/-0.065 χ^2/NDF : 875603.1/15

197.155+/-0.059 χ^2/NDF : 1204820.7/17

asym_bpm0l06WS_mean vs Slug



Right In: -16.371+/-89.216 χ^2 /NDF: 337.8/15

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

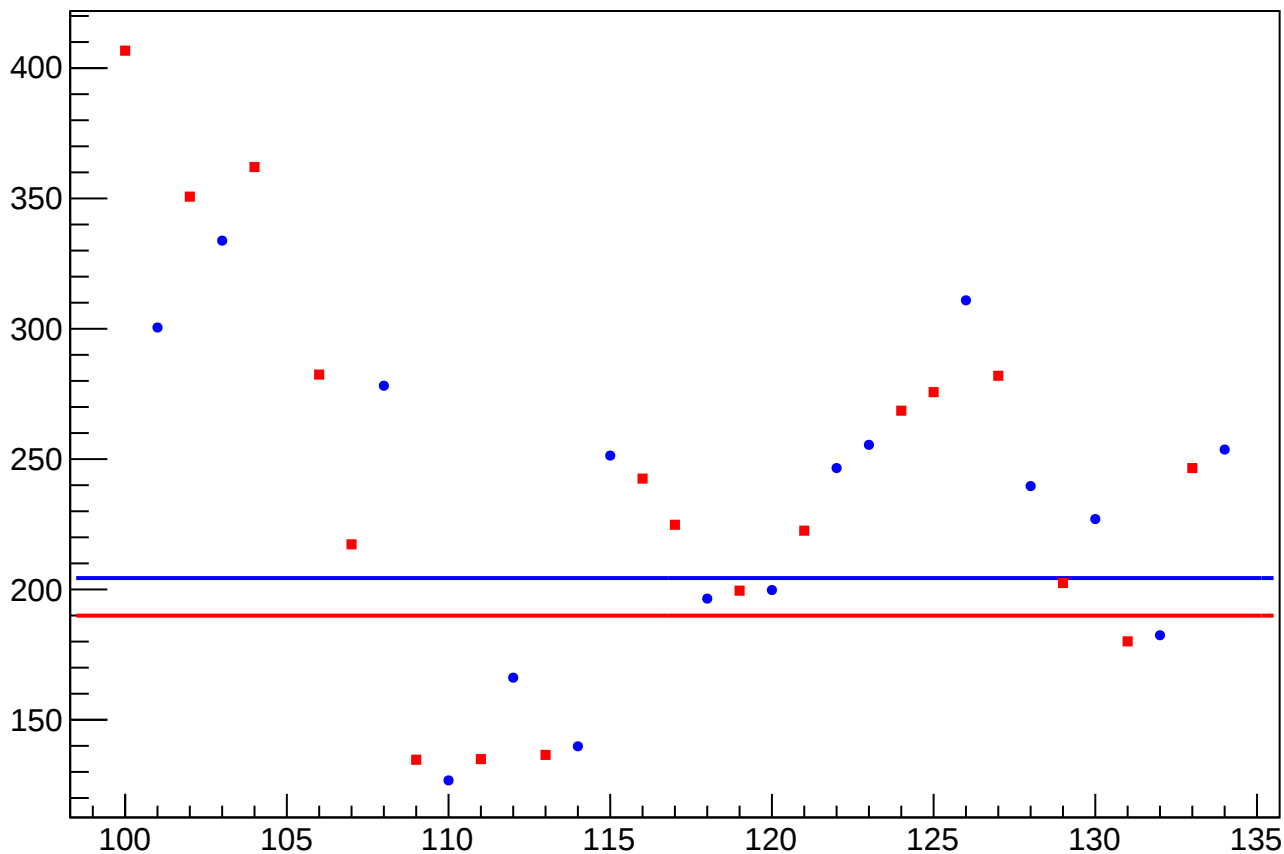
Right Out: 926.112+/-80.026 χ^2 /NDF: 567.8/17

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

-16.371+/-89.216 χ^2 /NDF: 337.8/15

926.112+/-80.026 χ^2 /NDF: 567.8/17

asym_bpm0l06WS_rms vs Slug



Right In: 204.367+/-0.063 χ^2/NDF : 868242.4/15

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

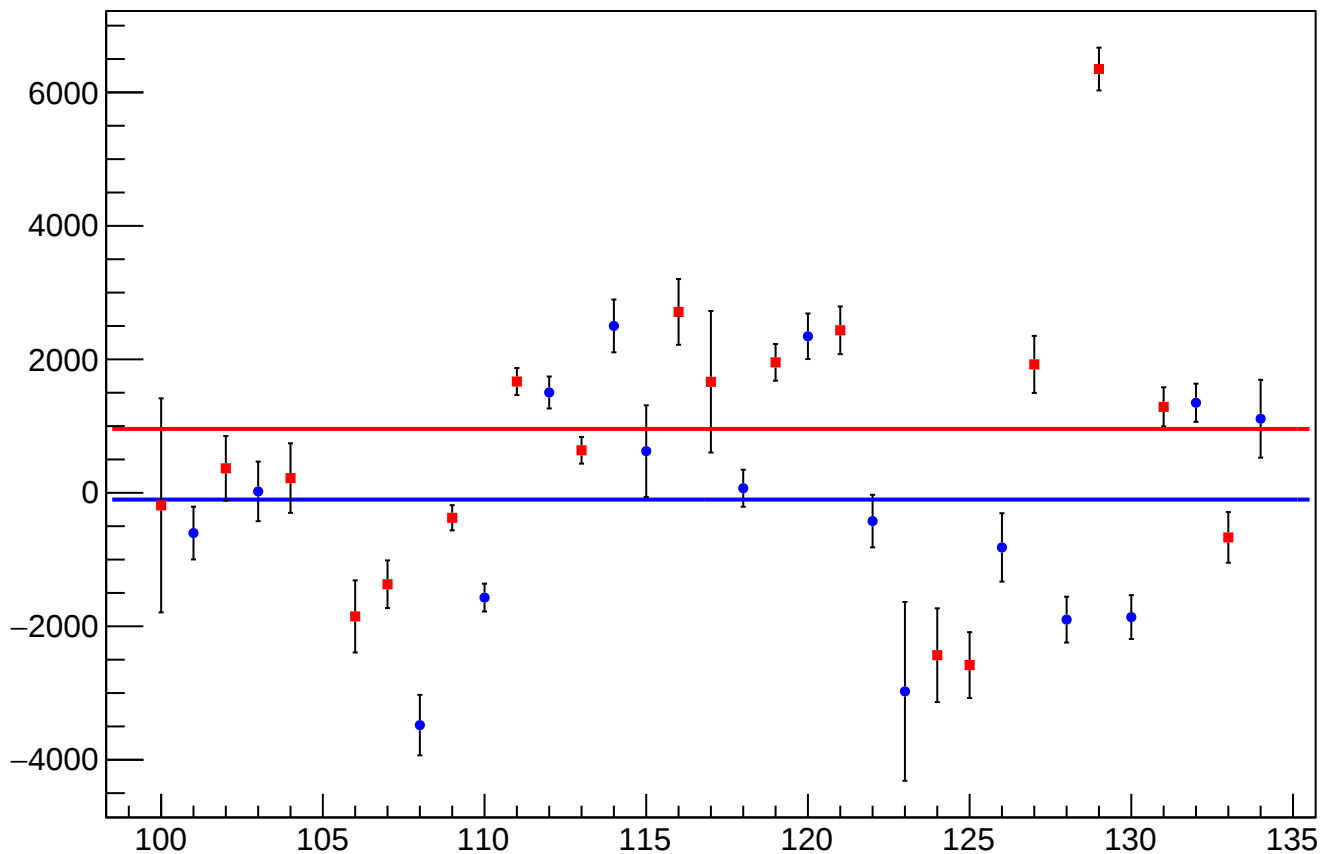
Right Out: 189.954+/-0.057 χ^2/NDF : 1247316.2/17

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

204.367+/-0.063 χ^2/NDF : 868242.4/15

189.954+/-0.057 χ^2/NDF : 1247316.2/17

asym_bpm0l07WS_mean vs Slug



Right In: -101.040+/-87.536 χ^2/NDF : 341.3/15

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

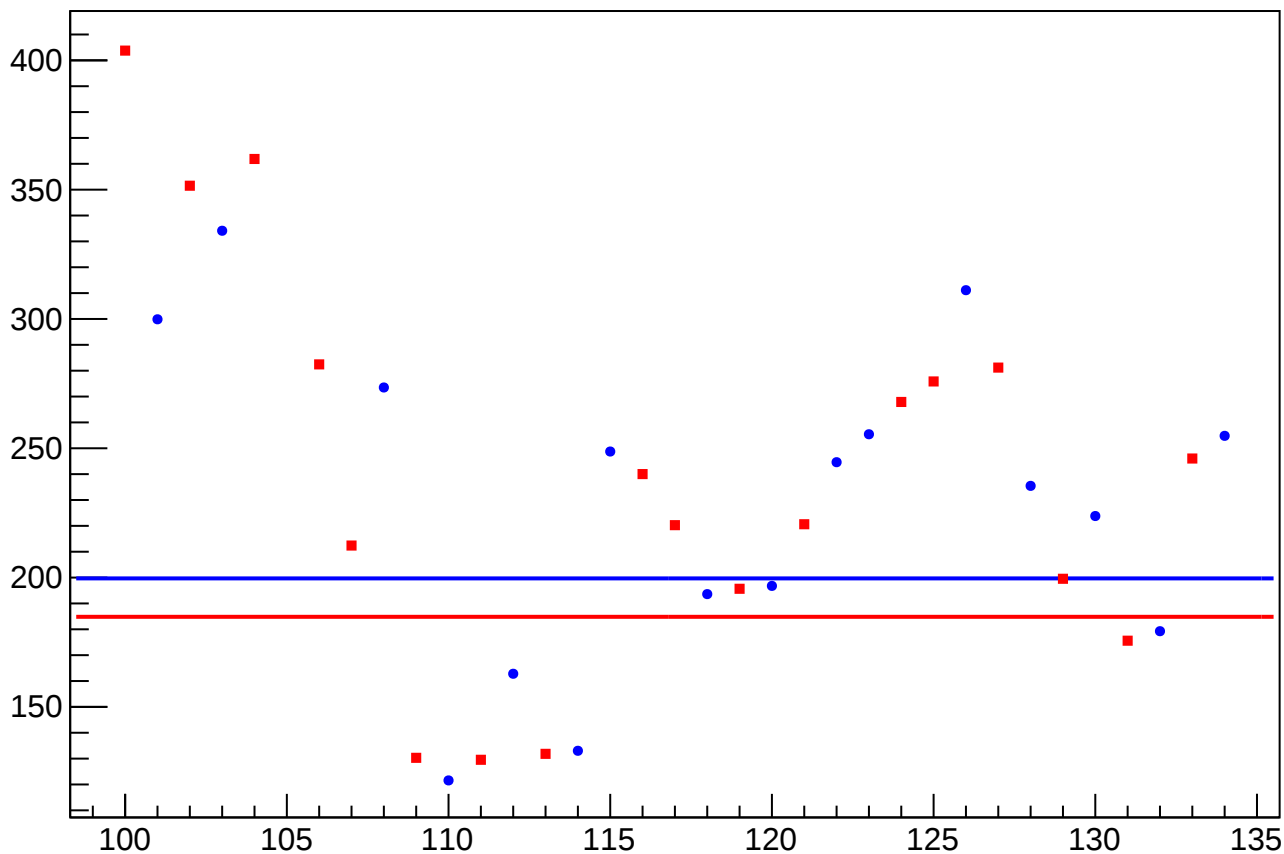
Right Out: 957.205+/-78.262 χ^2/NDF : 564.7/17

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

-101.040+/-87.536 χ^2/NDF : 341.3/15

957.205+/-78.262 χ^2/NDF : 564.7/17

asym_bpm0l07WS_rms vs Slug



Right In: 199.683+/-0.062 χ^2/NDF : 943154.7/15

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

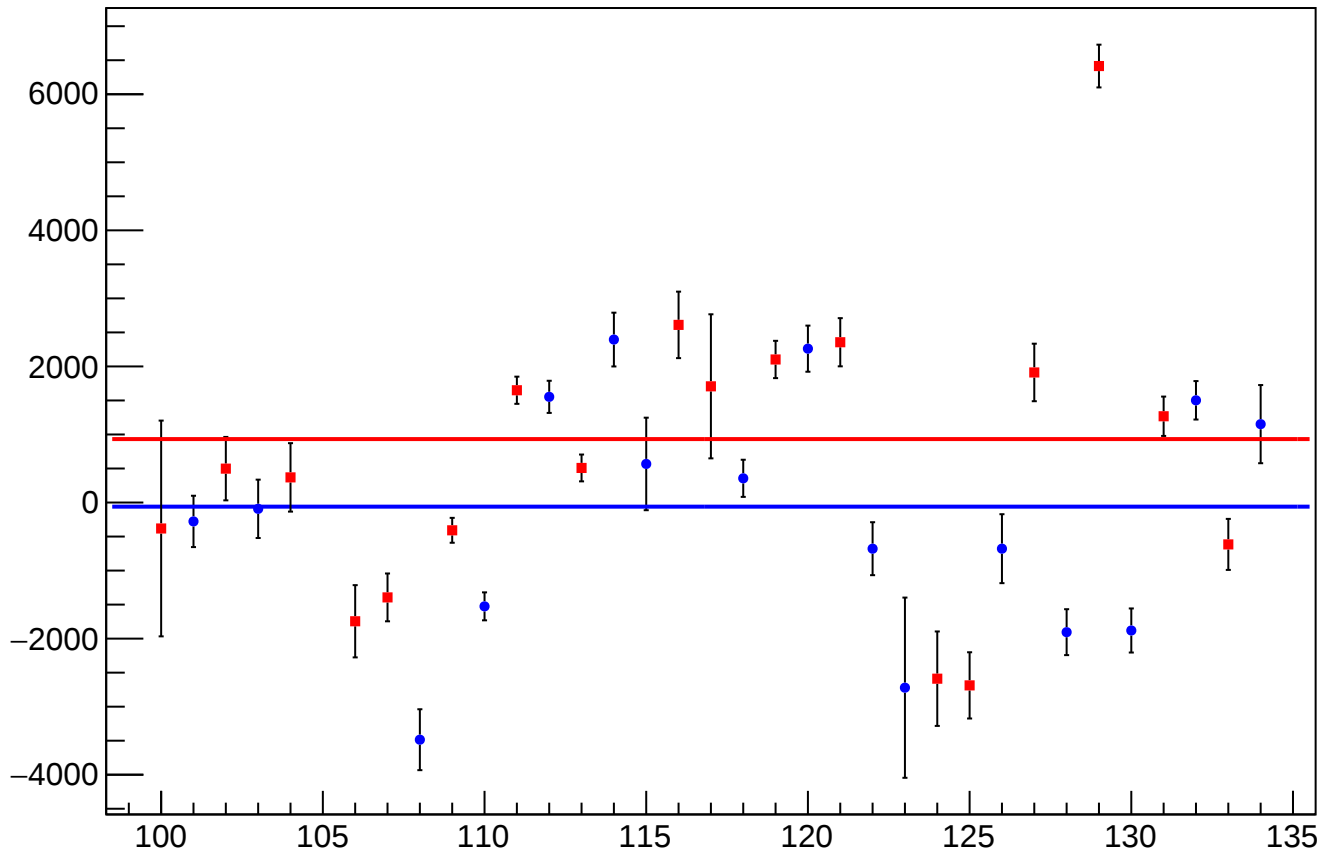
199.683+/-0.062 χ^2/NDF : 943154.7/15

Right Out: 184.832+/-0.055 χ^2/NDF : 1346323.1/17

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

184.832+/-0.055 χ^2/NDF : 1346323.1/17

asym_bpm0l08WS_mean vs Slug



Right In: -60.571 ± 86.165 χ^2/NDF : 349.7/15

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

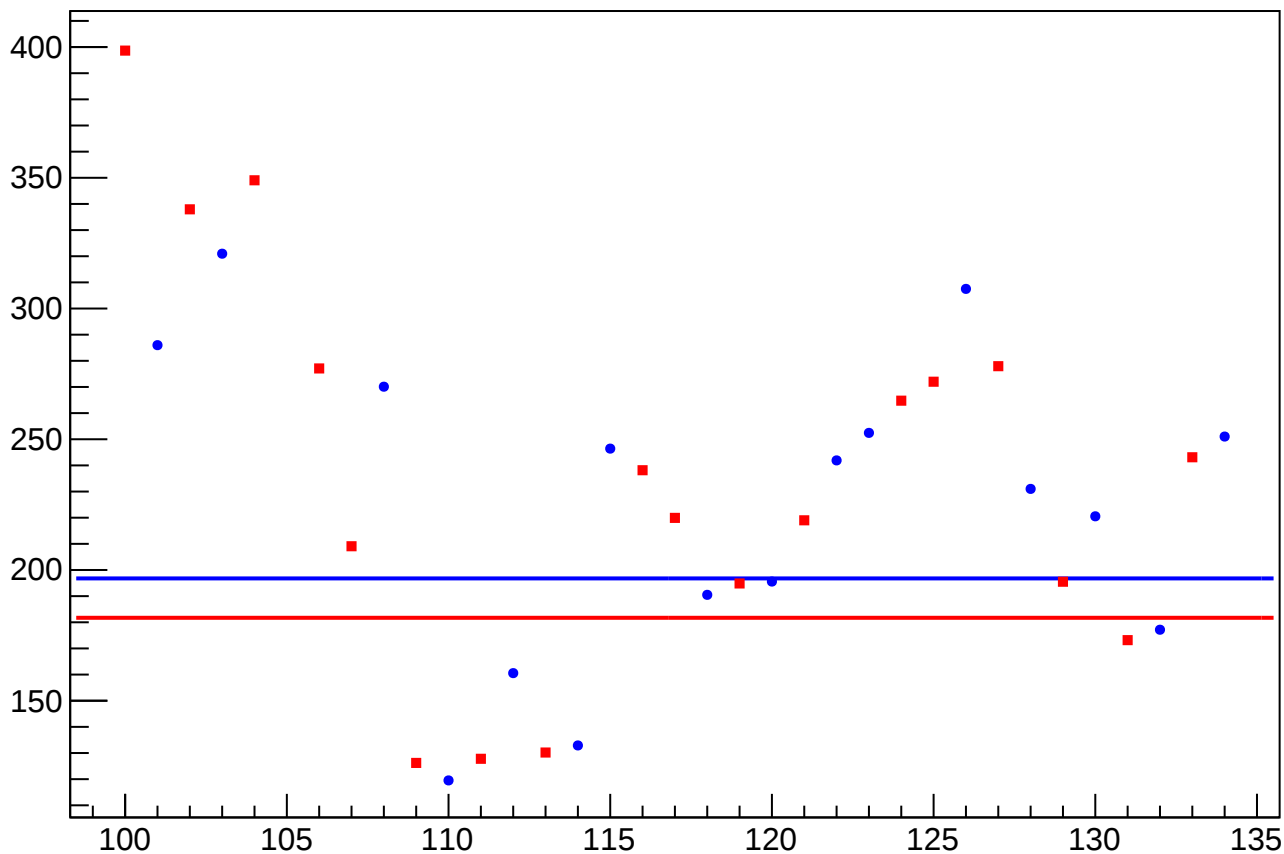
Right Out: 932.407 ± 76.979 χ^2/NDF : 599.4/17

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

-60.571 ± 86.165 χ^2/NDF : 349.7/15

932.407 ± 76.979 χ^2/NDF : 599.4/17

asym_bpm0l08WS_rms vs Slug



Right In: 196.777 $\pm$ 0.061 χ^2 /NDF: 911812.1/15

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

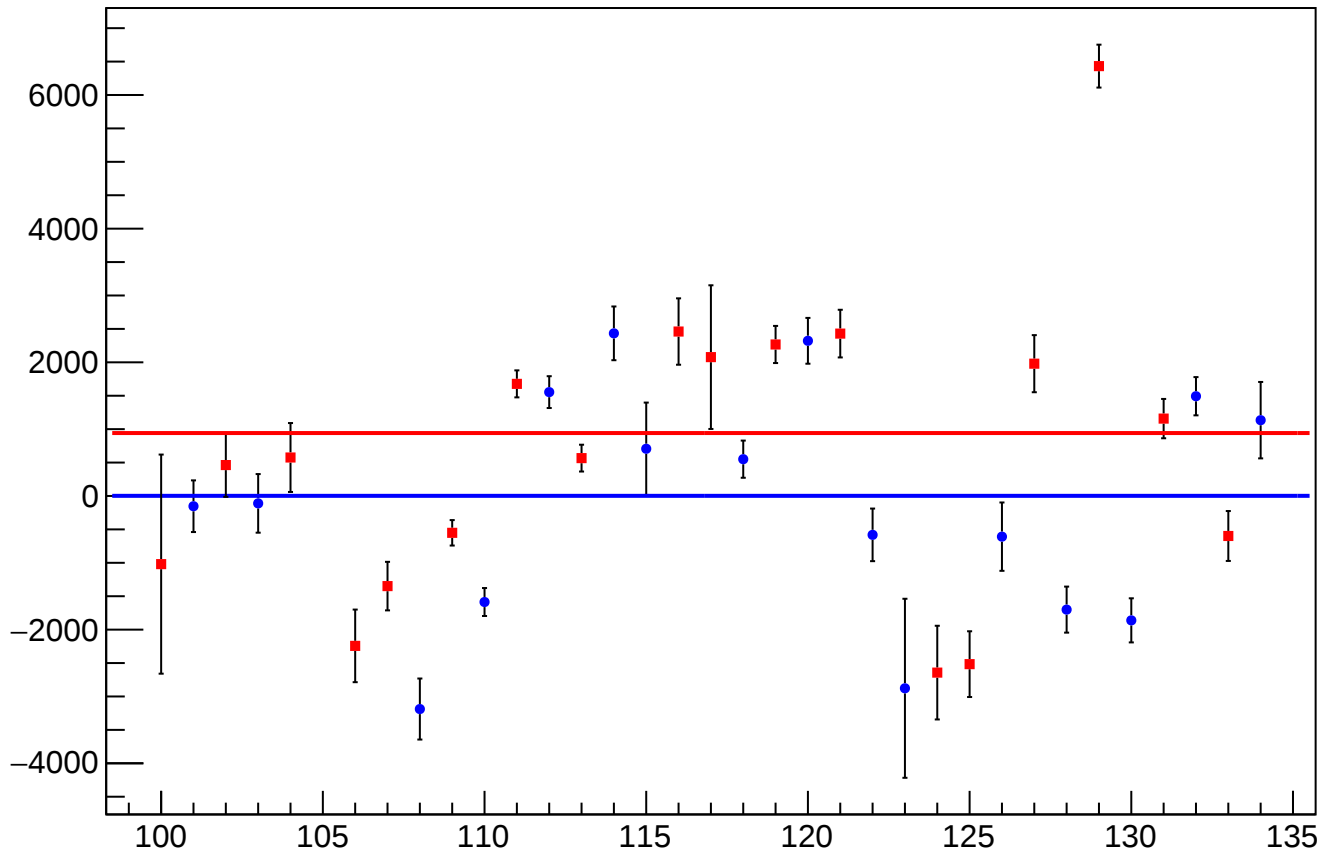
196.777 $\pm$ 0.061 χ^2 /NDF: 911812.1/15

Right Out: 181.720 $\pm$ 0.054 χ^2 /NDF: 1343225.7/17

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

181.720 $\pm$ 0.054 χ^2 /NDF: 1343225.7/17

asym_bpm0l09WS_mean vs Slug



Right In: 2.212 $\pm$ 87.500 χ^2 /NDF: 332.2/15

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

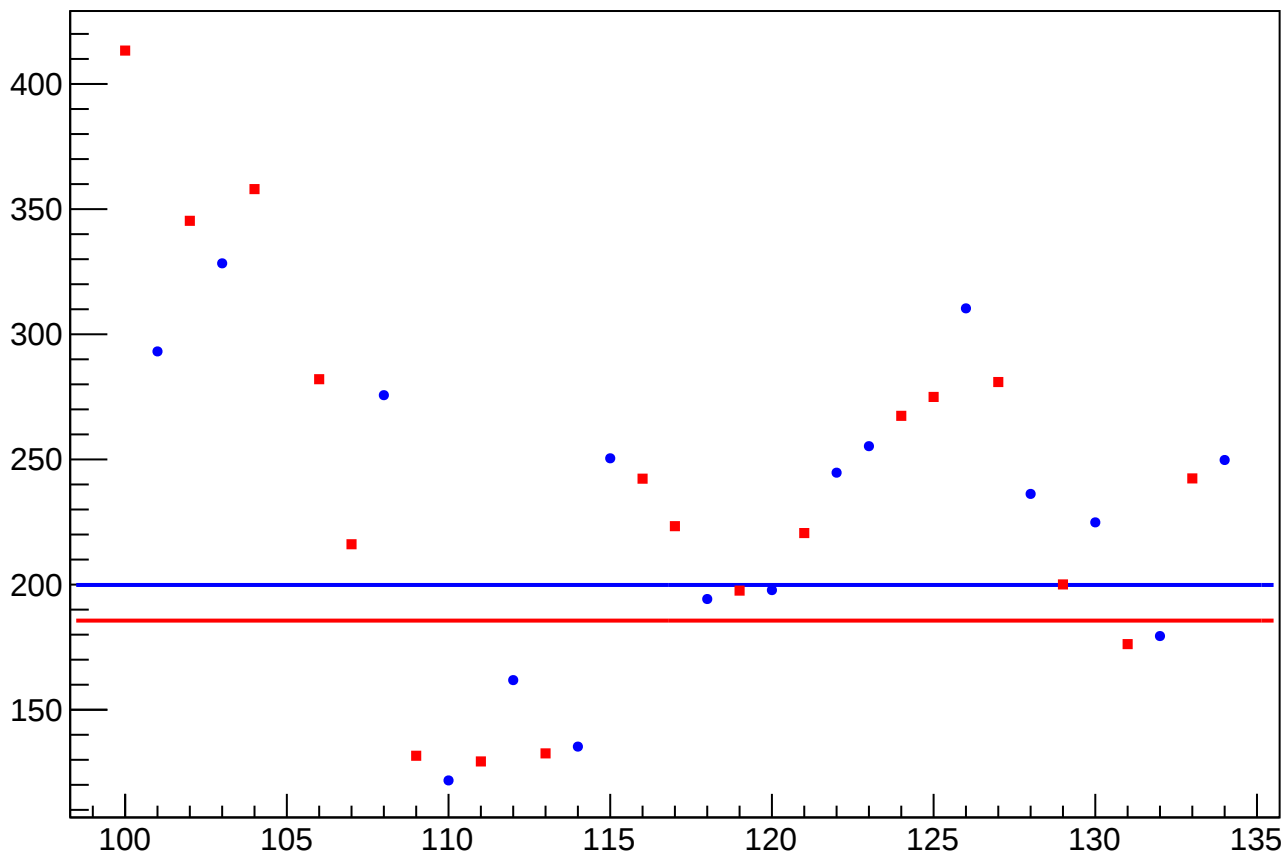
Right Out: 941.638 $\pm$ 78.503 χ^2 /NDF: 597.6/17

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

2.212 $\pm$ 87.500 χ^2 /NDF: 332.2/15

941.638 $\pm$ 78.503 χ^2 /NDF: 597.6/17

asym_bpm0l09WS_rms vs Slug



Right In: 199.854+/-0.062 χ^2/NDF : 918211.3/15

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

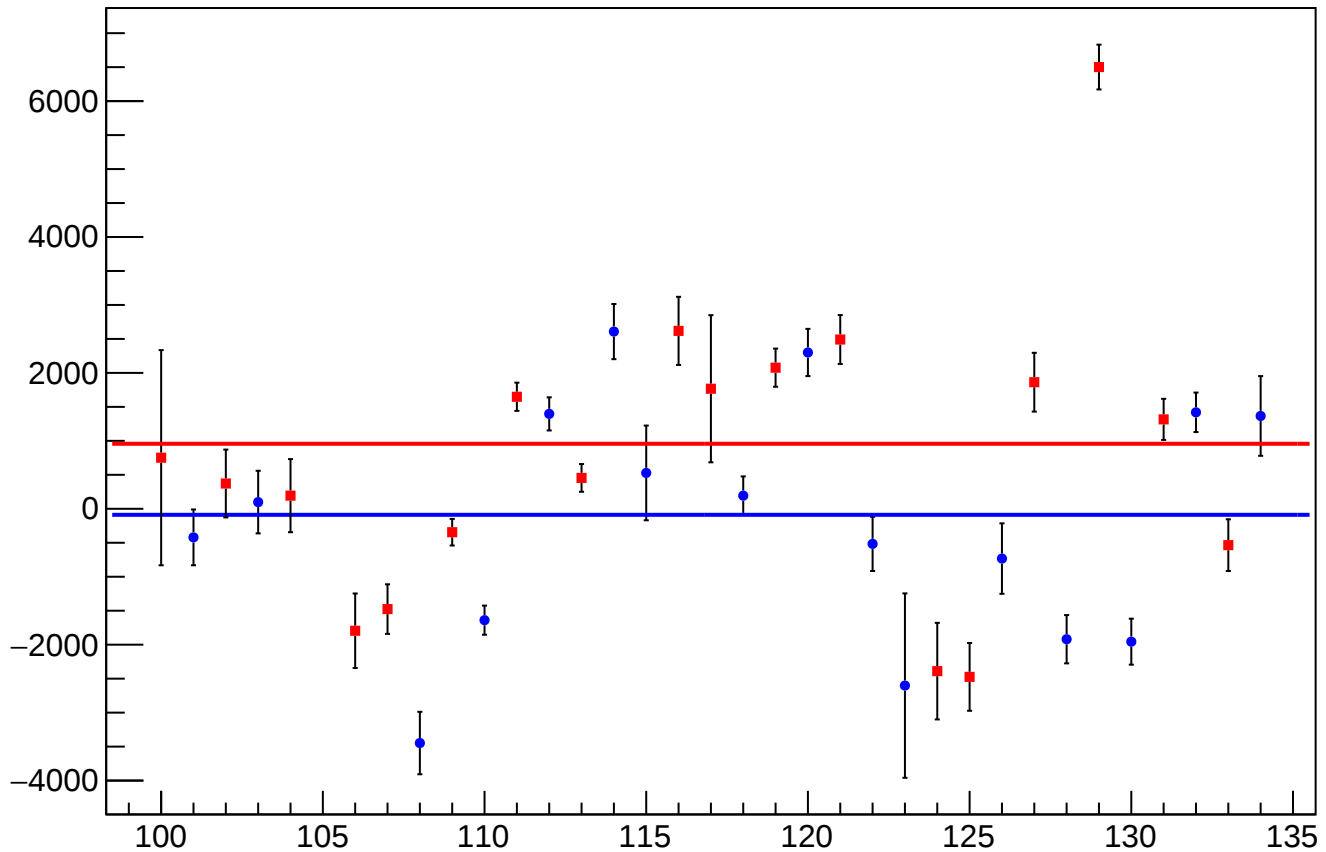
Right Out: 185.616+/-0.056 χ^2/NDF : 1317067.8/17

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

199.854+/-0.062 χ^2/NDF : 918211.3/15

185.616+/-0.056 χ^2/NDF : 1317067.8/17

asym_bpm0l10WS_mean vs Slug



Right In: -88.632 $\pm$ 89.544 χ^2 /NDF: 332.9/15

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

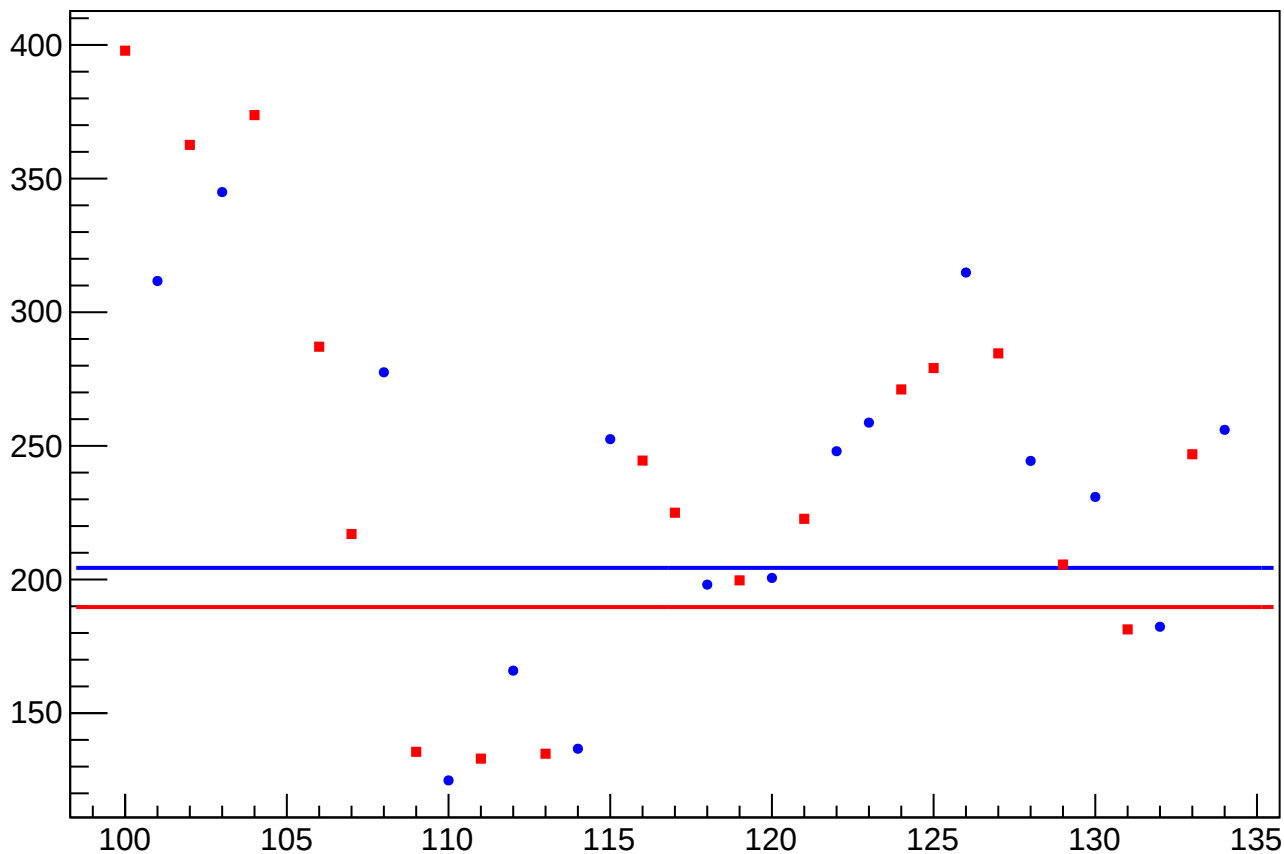
Right Out: 956.921 $\pm$ 80.147 χ^2 /NDF: 554.0/17

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

-88.632 $\pm$ 89.544 χ^2 /NDF: 332.9/15

956.921 $\pm$ 80.147 χ^2 /NDF: 554.0/17

asym_bpm0l10WS_rms vs Slug



Right In: 204.355+/-0.063 χ^2/NDF : 947379.8/15

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

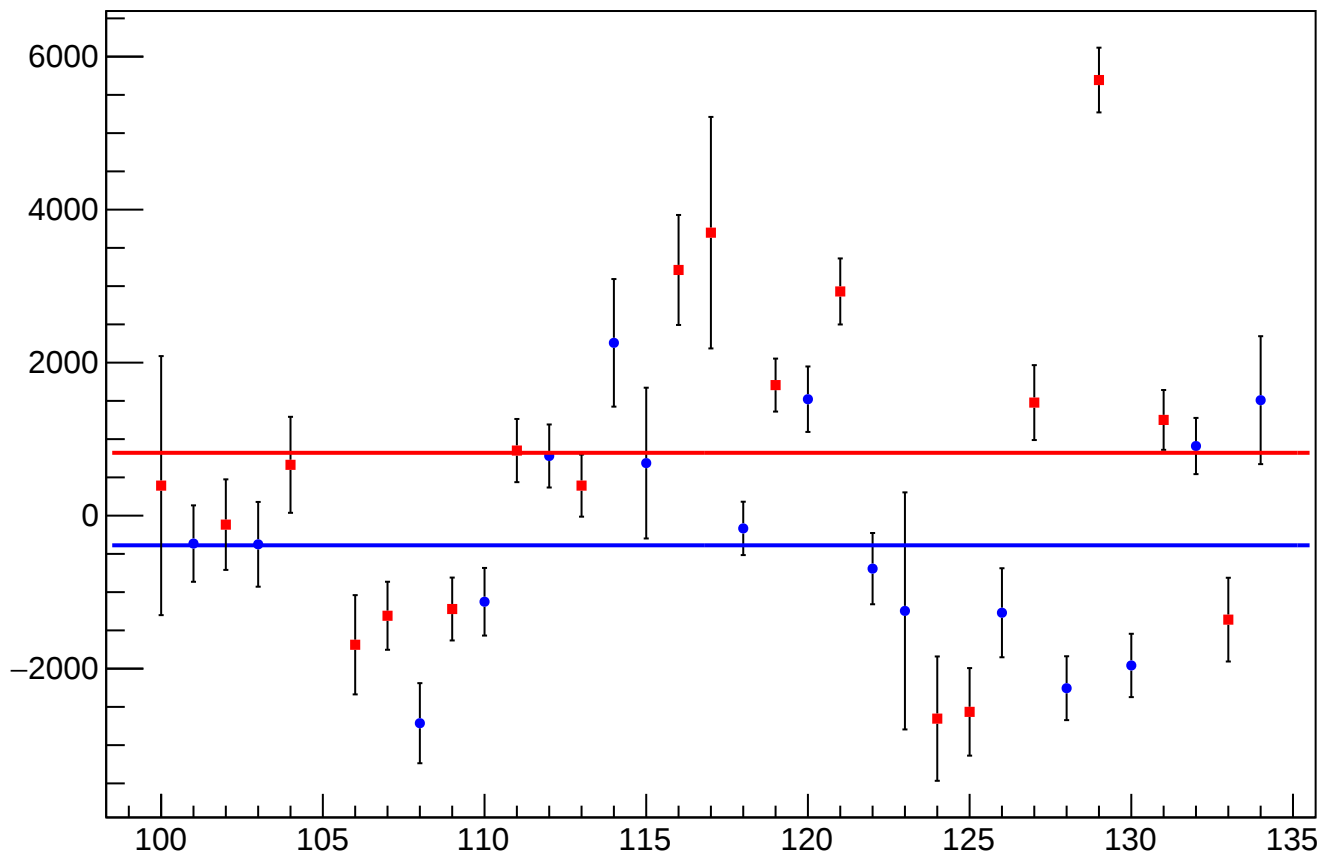
204.355+/-0.063 χ^2/NDF : 947379.8/15

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: -387.841+/-122.655 χ^2 /NDF: 117.2/15

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

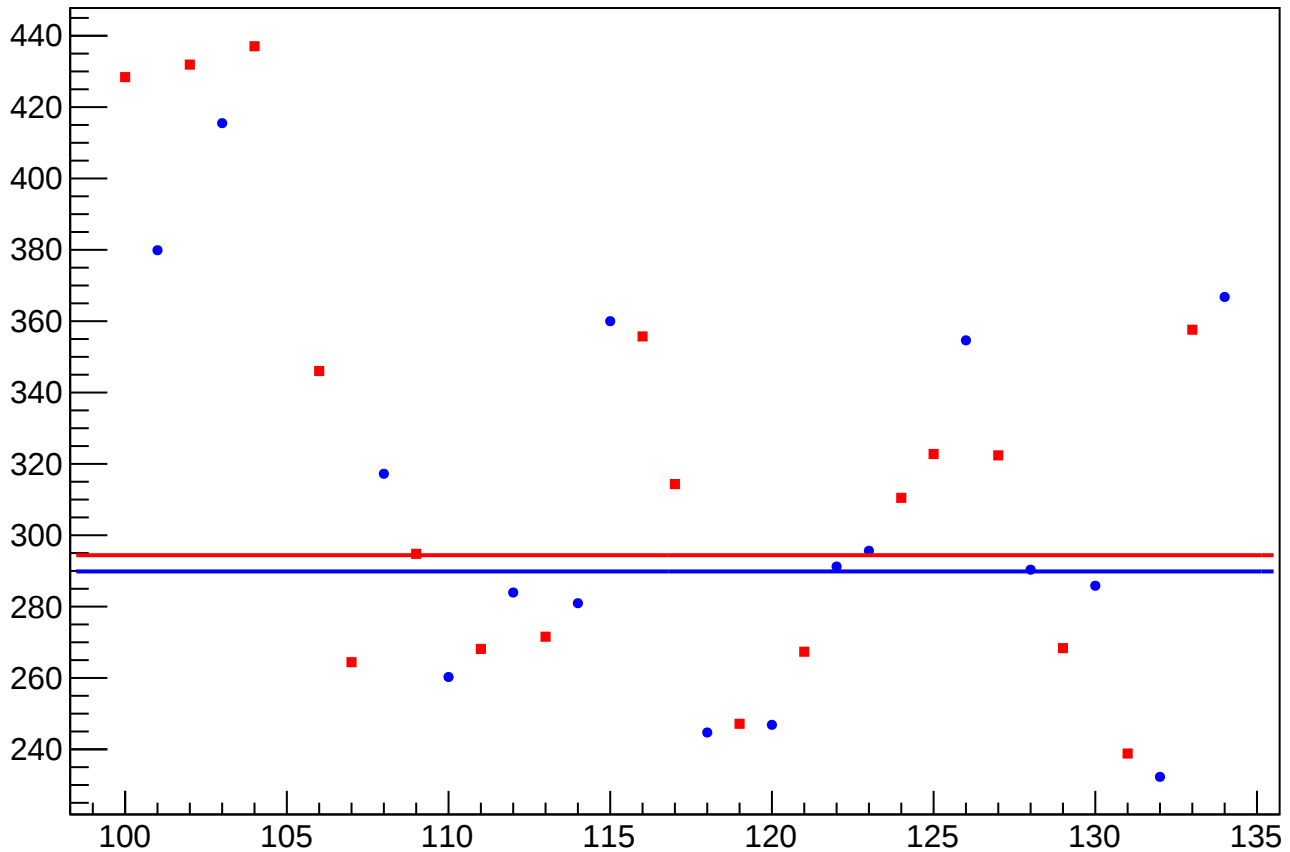
Right Out: 821.239+/-118.422 χ^2 /NDF: 316.3/17

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

-387.841+/-122.655 χ^2 /NDF: 117.2/15

821.239+/-118.422 χ^2 /NDF: 316.3/17

asym_bpm0r03WS_rms vs Slug



Right In: 289.858 $\pm$ 0.087 χ^2 /NDF: 337834.5/15

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

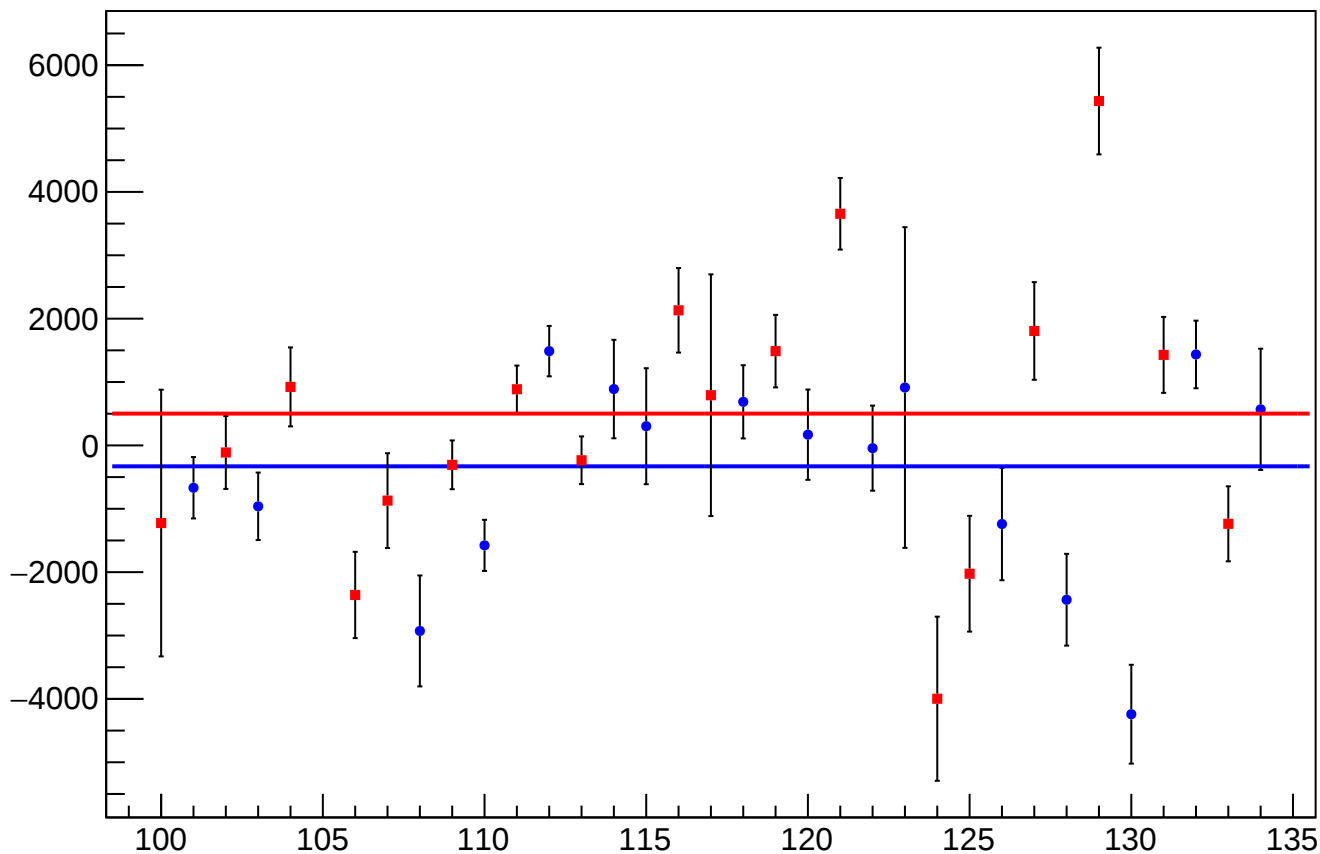
Right Out: 294.411 $\pm$ 0.084 χ^2 /NDF: 406916.2/17

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

289.858 $\pm$ 0.087 χ^2 /NDF: 337834.5/15

294.411 $\pm$ 0.084 χ^2 /NDF: 406916.2/17

asym_bpm0r05WS_mean vs Slug



Right In: -330.299+/-155.810 χ^2 /NDF: 94.6/15

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

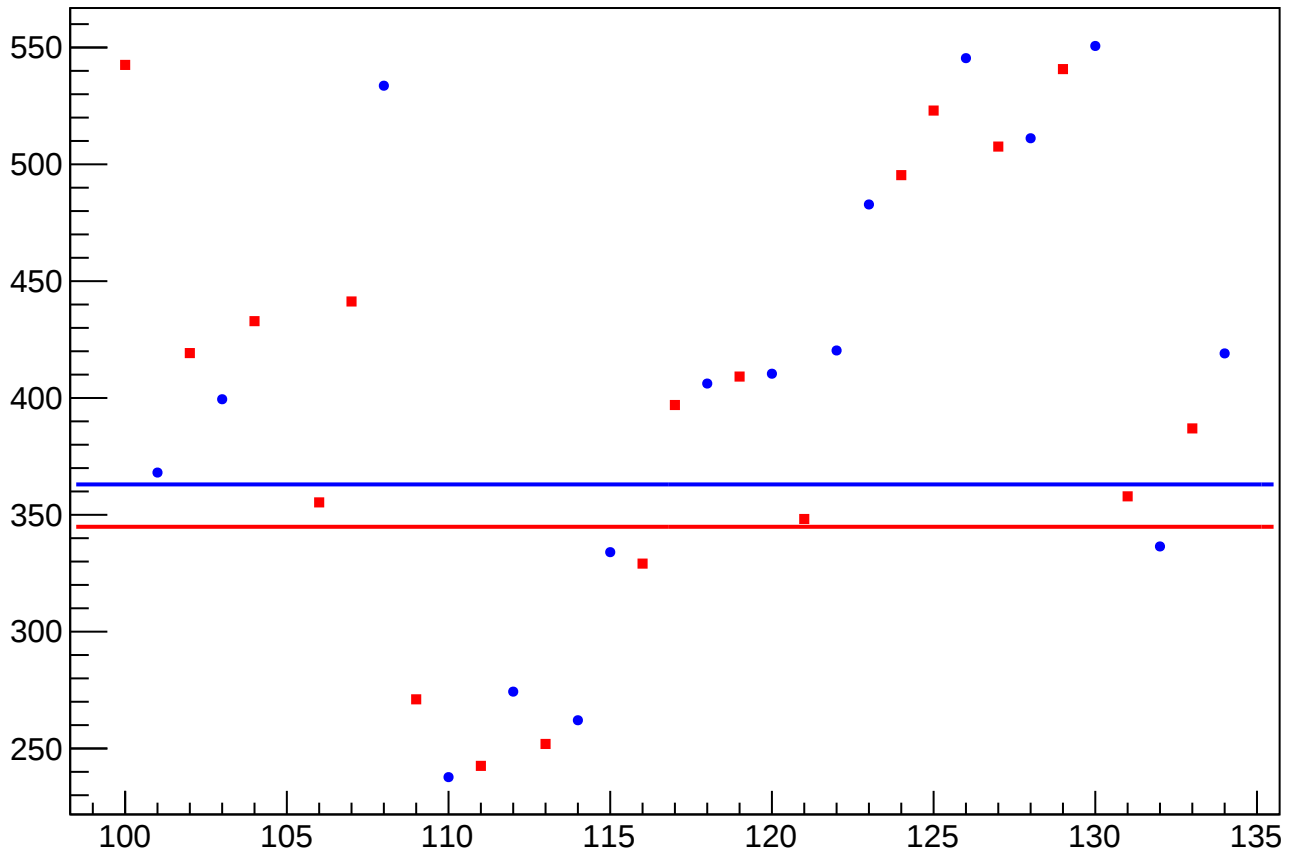
Right Out: 501.788+/-141.438 χ^2 /NDF: 140.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-330.299+/-155.810 χ^2 /NDF: 94.6/15

501.788+/-141.438 χ^2 /NDF: 140.6/17

asym_bpm0r05WS_rms vs Slug



Right In: 363.011 $\pm$ 0.110 χ^2 /NDF: 748655.2/15

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

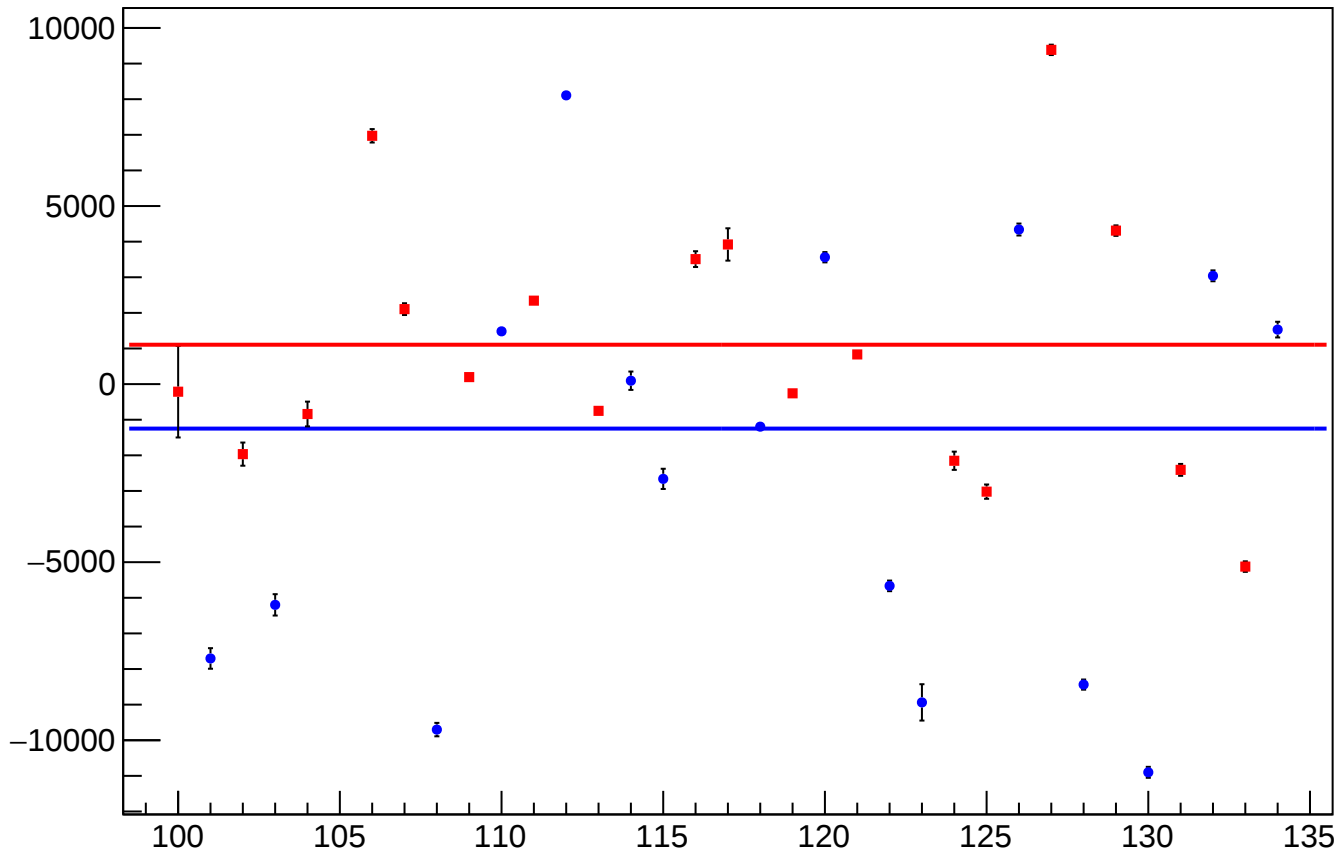
Right Out: 344.881 $\pm$ 0.100 χ^2 /NDF: 809920.1/17

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

363.011 $\pm$ 0.110 χ^2 /NDF: 748655.2/15

344.881 $\pm$ 0.100 χ^2 /NDF: 809920.1/17

asym_bpm1i04WS_mean vs Slug



Right In: -1249.154+/-42.746 χ^2 /NDF: 18974.0/15

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

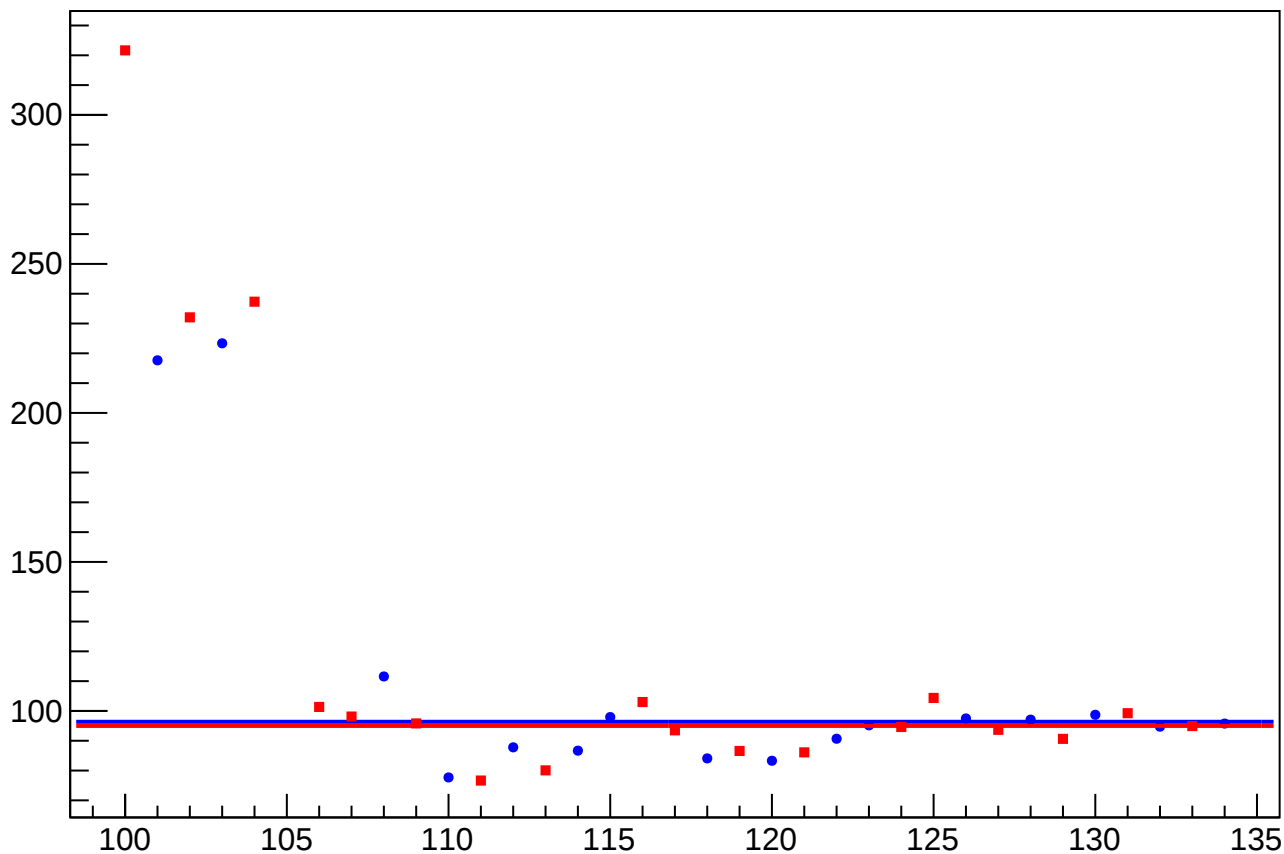
Right Out: 1105.874+/-39.957 χ^2 /NDF: 8280.0/17

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

-1249.154+/-42.746 χ^2 /NDF: 18974.0/15

1105.874+/-39.957 χ^2 /NDF: 8280.0/17

asym_bpm1i04WS_rms vs Slug



Right In: 96.367+/-0.030 χ^2/NDF : 814828.9/15

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

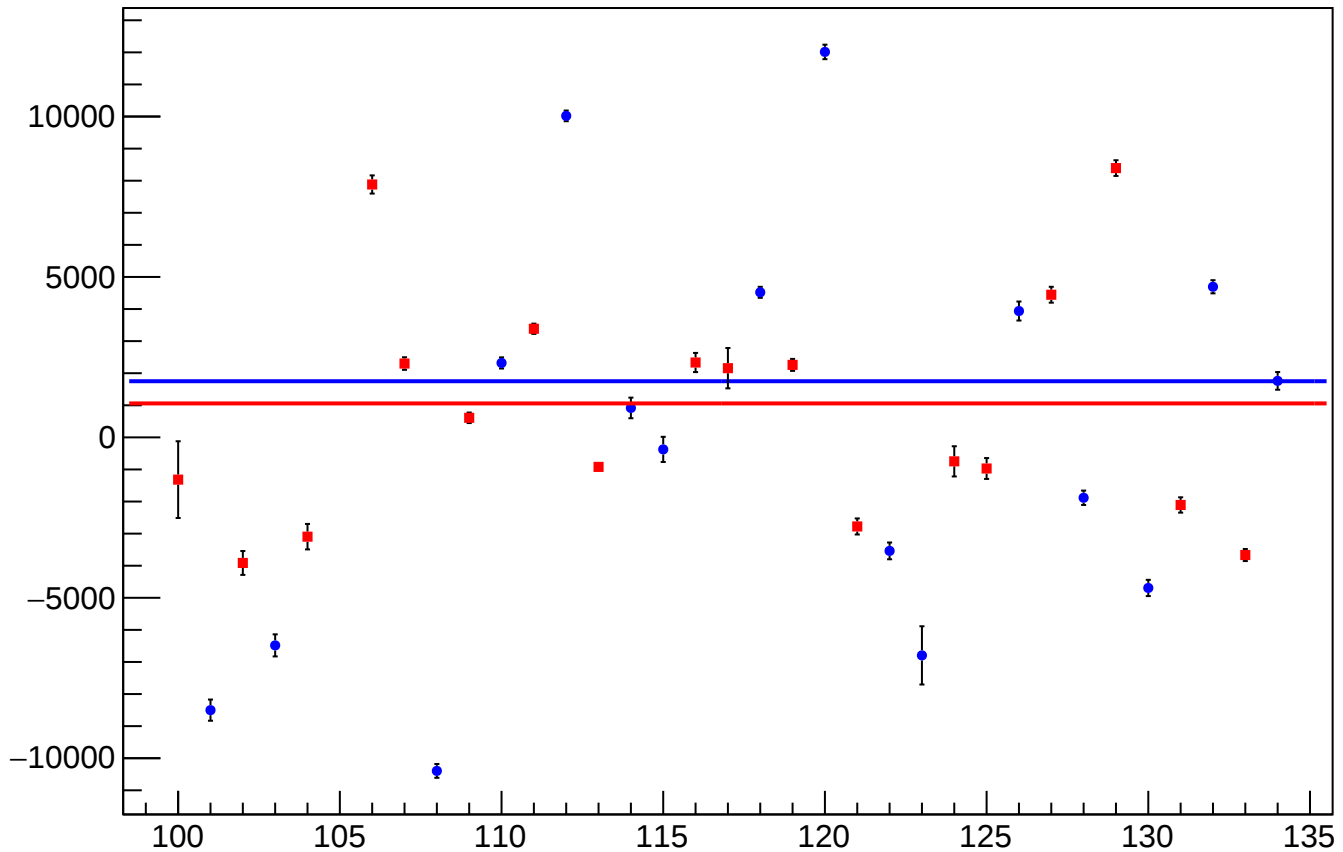
Right Out: 94.976+/-0.028 χ^2/NDF : 858076.8/17

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

96.367+/-0.030 χ^2/NDF : 814828.9/15

94.976+/-0.028 χ^2/NDF : 858076.8/17

asym_bpm1i06WS_mean vs Slug



Right In: 1750.268+/-59.974 χ^2/NDF : 11231.4/15

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

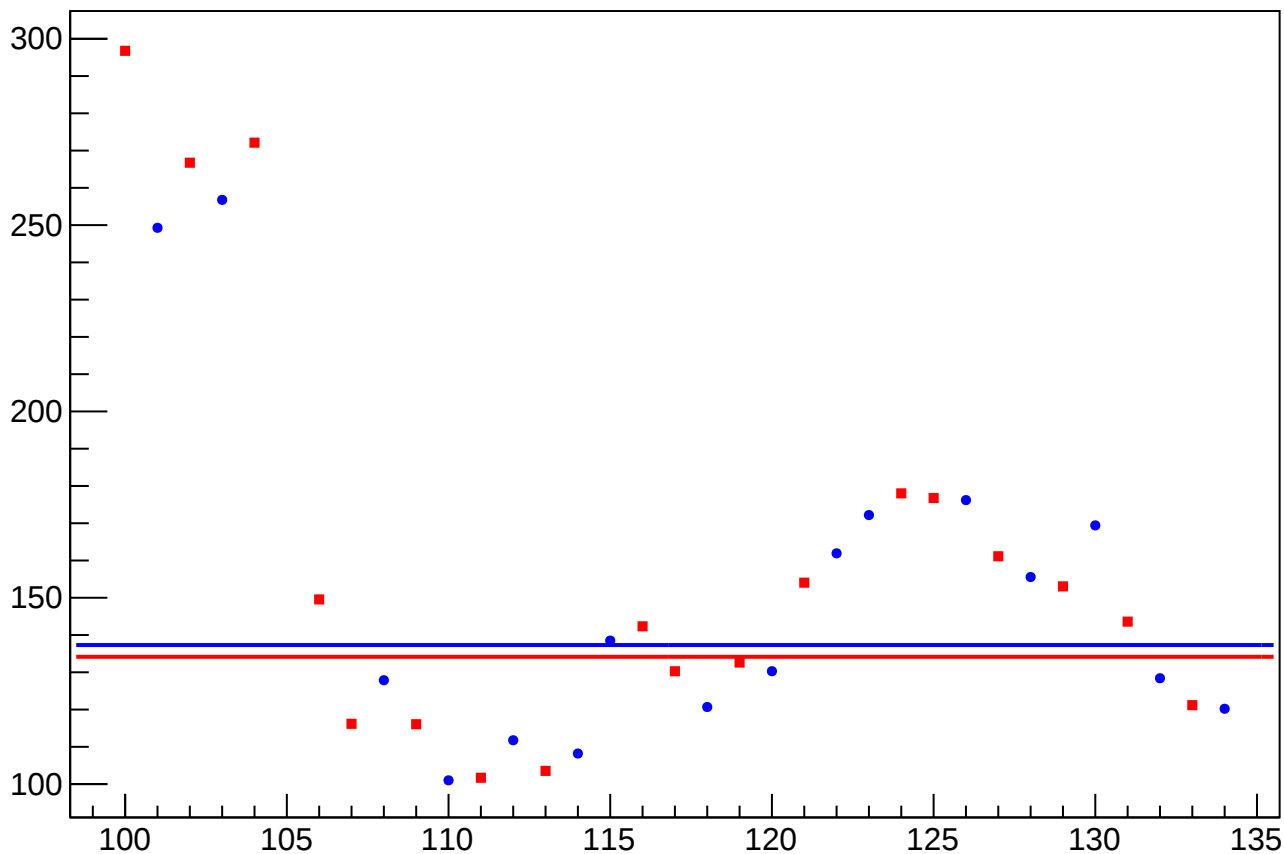
1750.268+/-59.974 χ^2/NDF : 11231.4/15

Right Out: 1058.292+/-55.830 χ^2/NDF : 3535.1/17

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

1058.292+/-55.830 χ^2/NDF : 3535.1/17

asym_bpm1i06WS_rms vs Slug



Right In: 137.313+/-0.042 χ^2/NDF : 758289.4/15

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

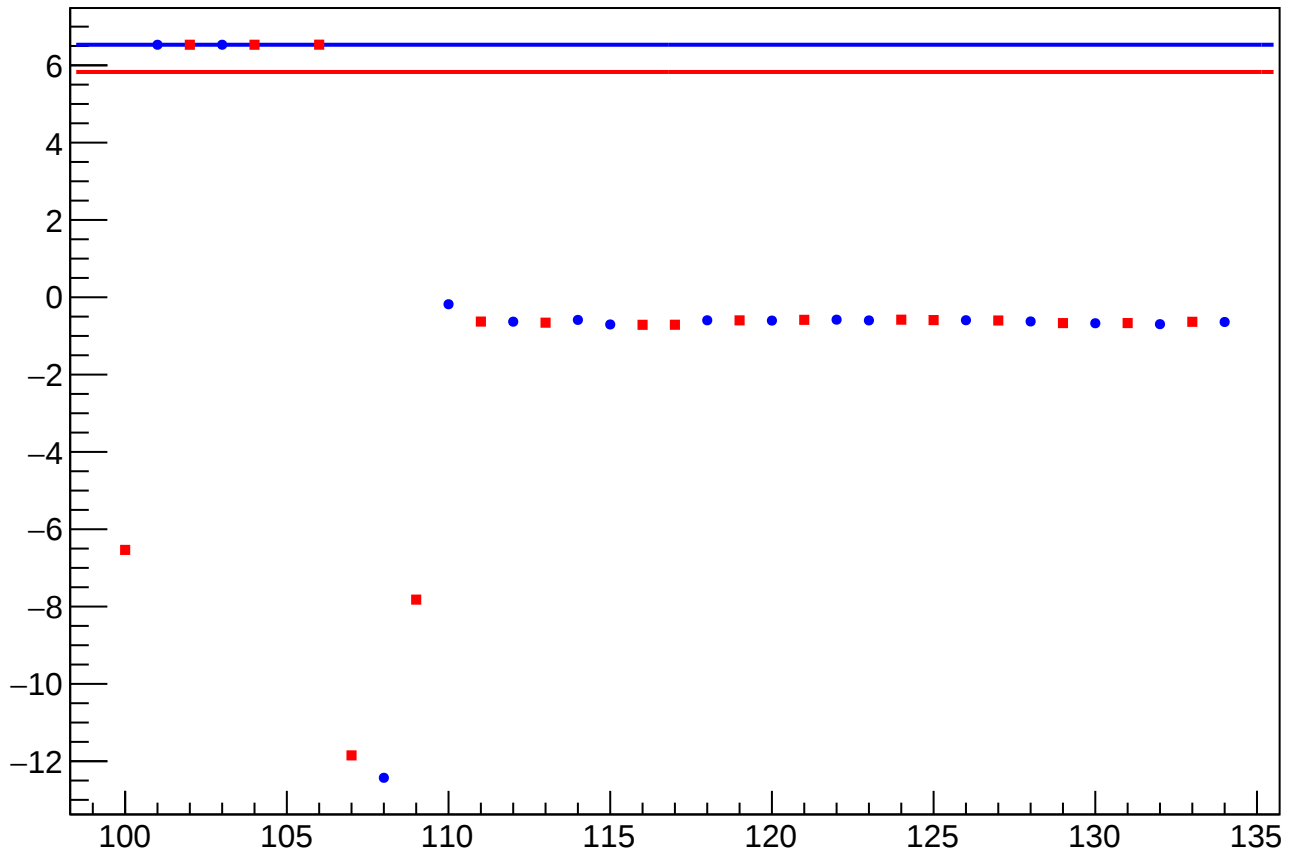
Right Out: 134.159+/-0.039 χ^2/NDF : 852134.7/17

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

137.313+/-0.042 χ^2/NDF : 758289.4/15

134.159+/-0.039 χ^2/NDF : 852134.7/17

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 102381350603.6/15

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

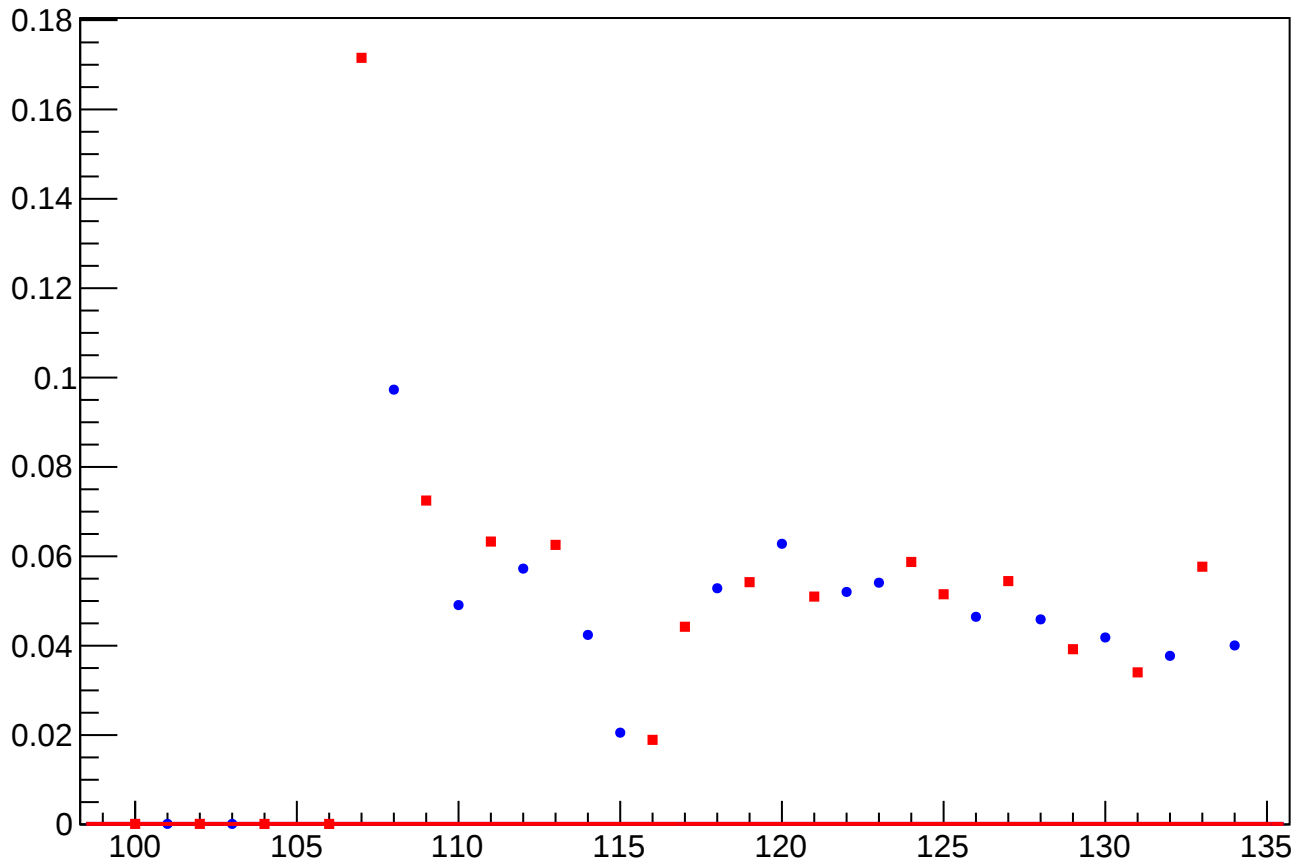
6.532 $\pm$ 0.000 χ^2 /NDF: 102381350603.6/15

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755932992759489.6/17

5.827 $\pm$ 0.000 χ^2 /NDF: 755932992759489.6/17

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

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 7836669.4/15

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

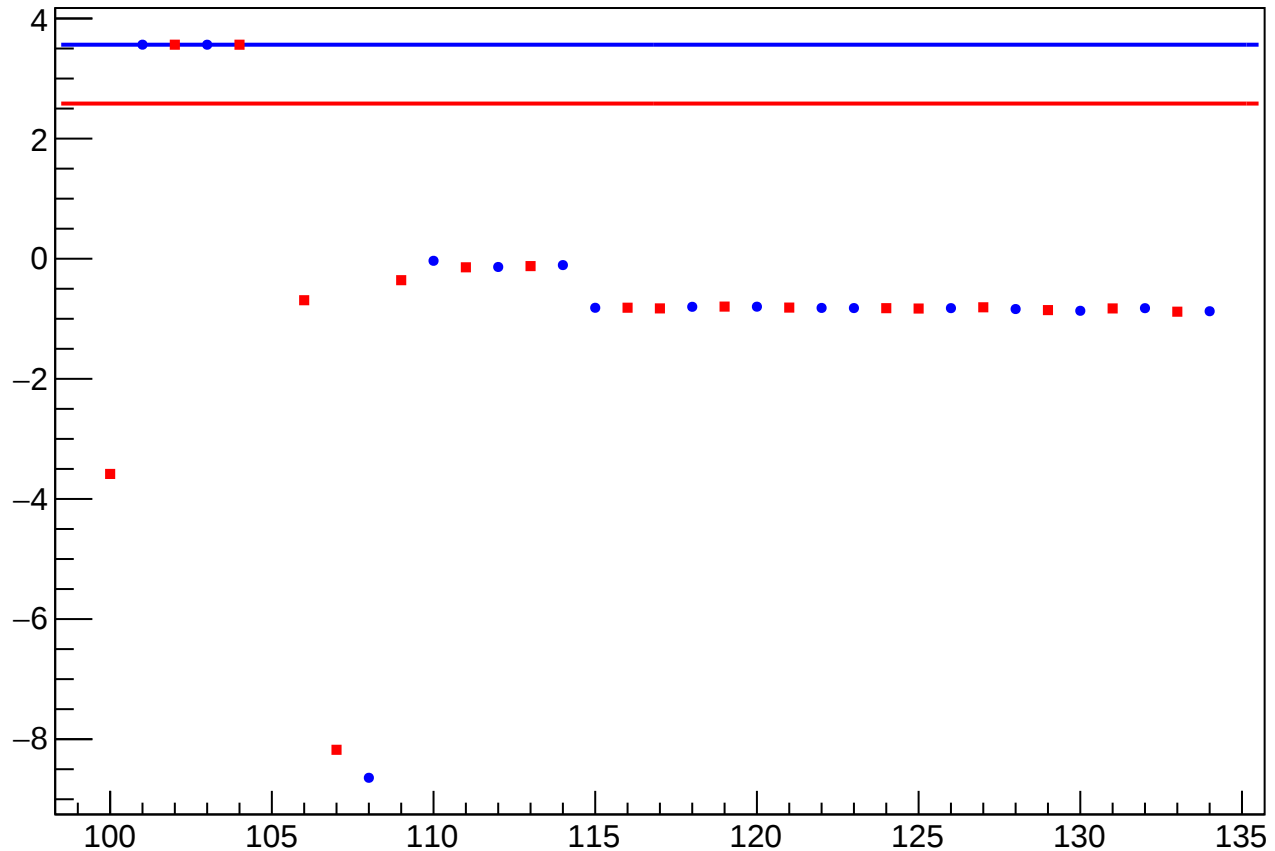
Right Out: 0.000+/-0.000 χ^2/NDF : 8423360.9/17

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

0.000+/-0.000 χ^2/NDF : 7836669.4/15

0.000+/-0.000 χ^2/NDF : 8423360.9/17

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 348418830739.3/15

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

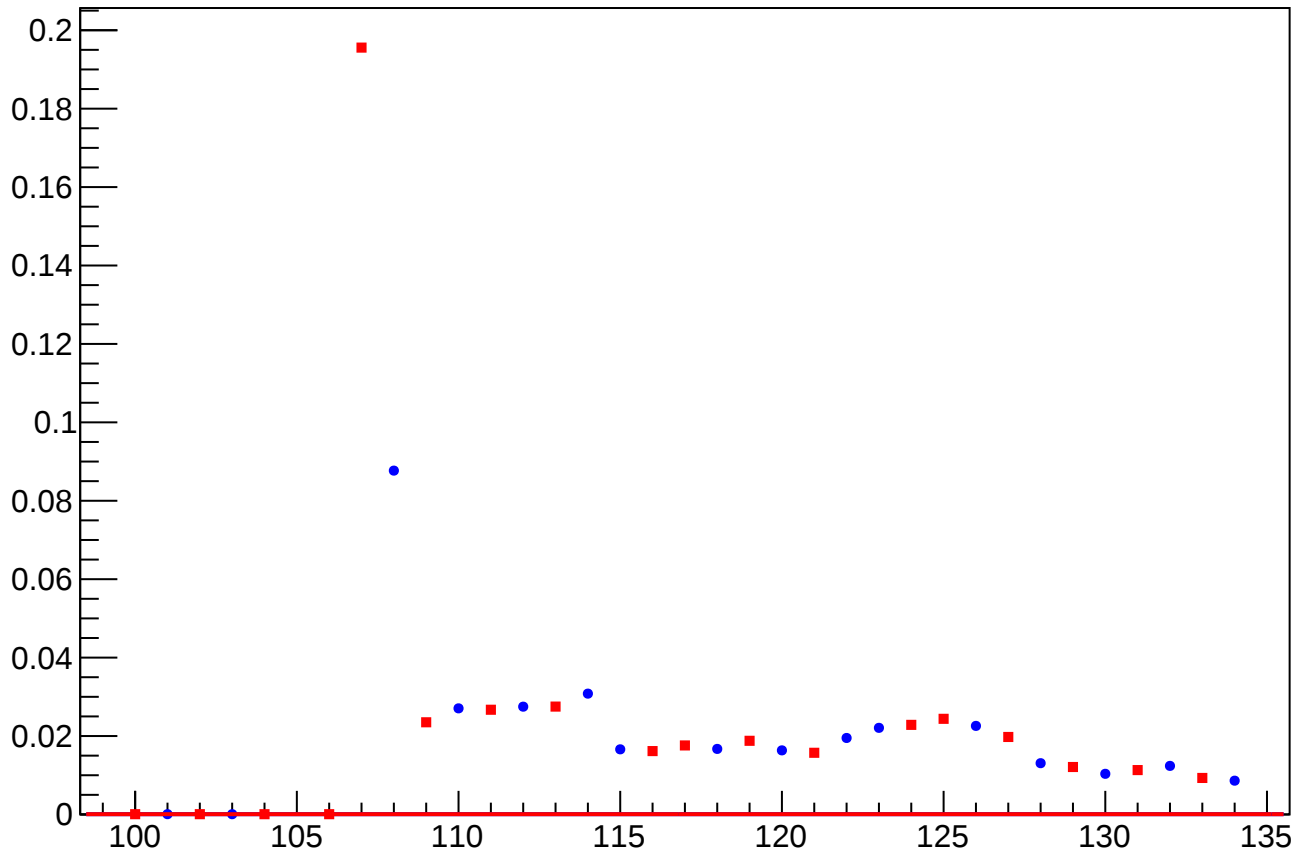
3.563+/-0.000 χ^2/NDF : 348418830739.3/15

Right Out: 2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

2.583+/-0.000 χ^2/NDF : 1253436938203138.0/17

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

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8504344.9/15

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

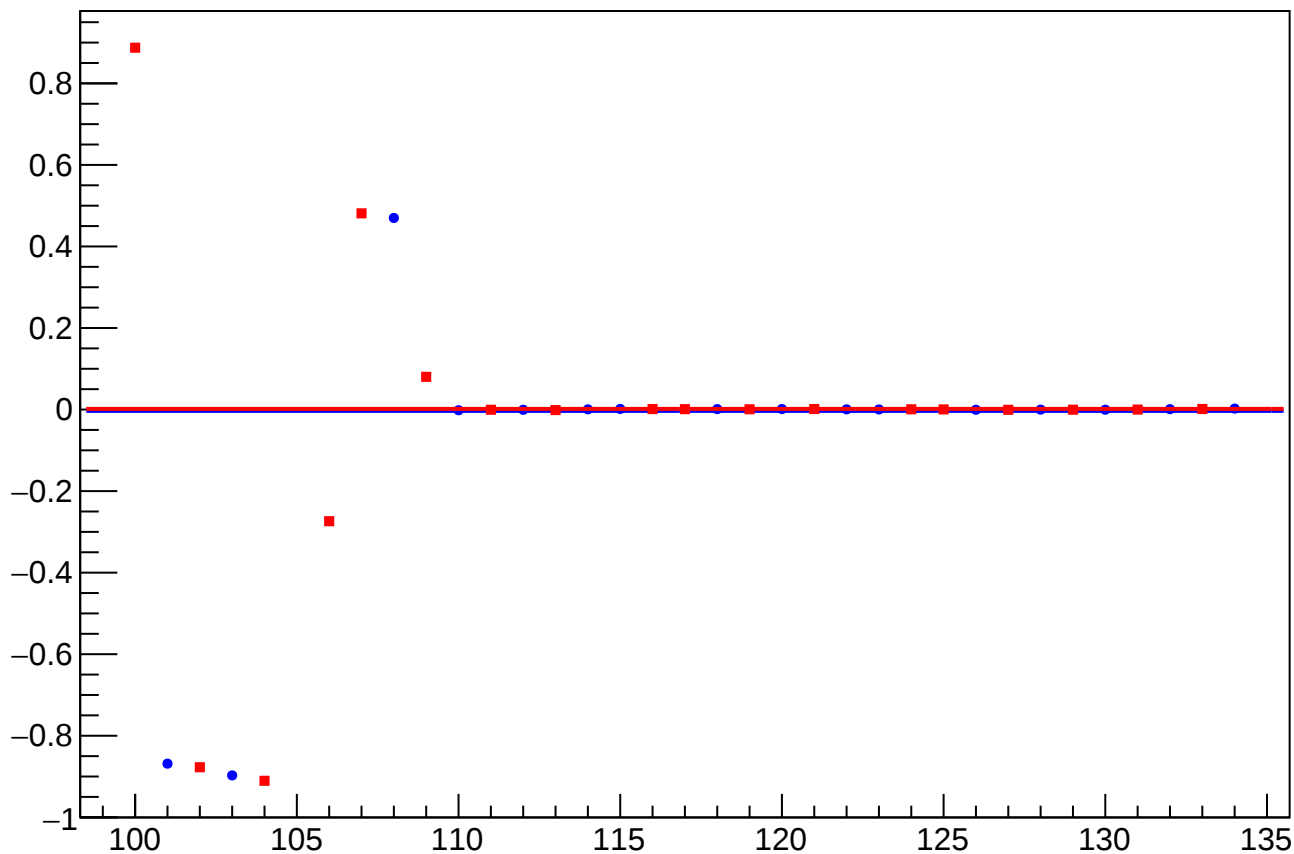
Right Out: 0.000+/-0.000 χ^2/NDF : 8866504.1/17

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

0.000+/-0.000 χ^2/NDF : 8504344.9/15

0.000+/-0.000 χ^2/NDF : 8866504.1/17

yield_cav4cX_mean vs Slug



Right In: -0.003+/-0.000 χ^2 /NDF: 9790375600.8/15

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

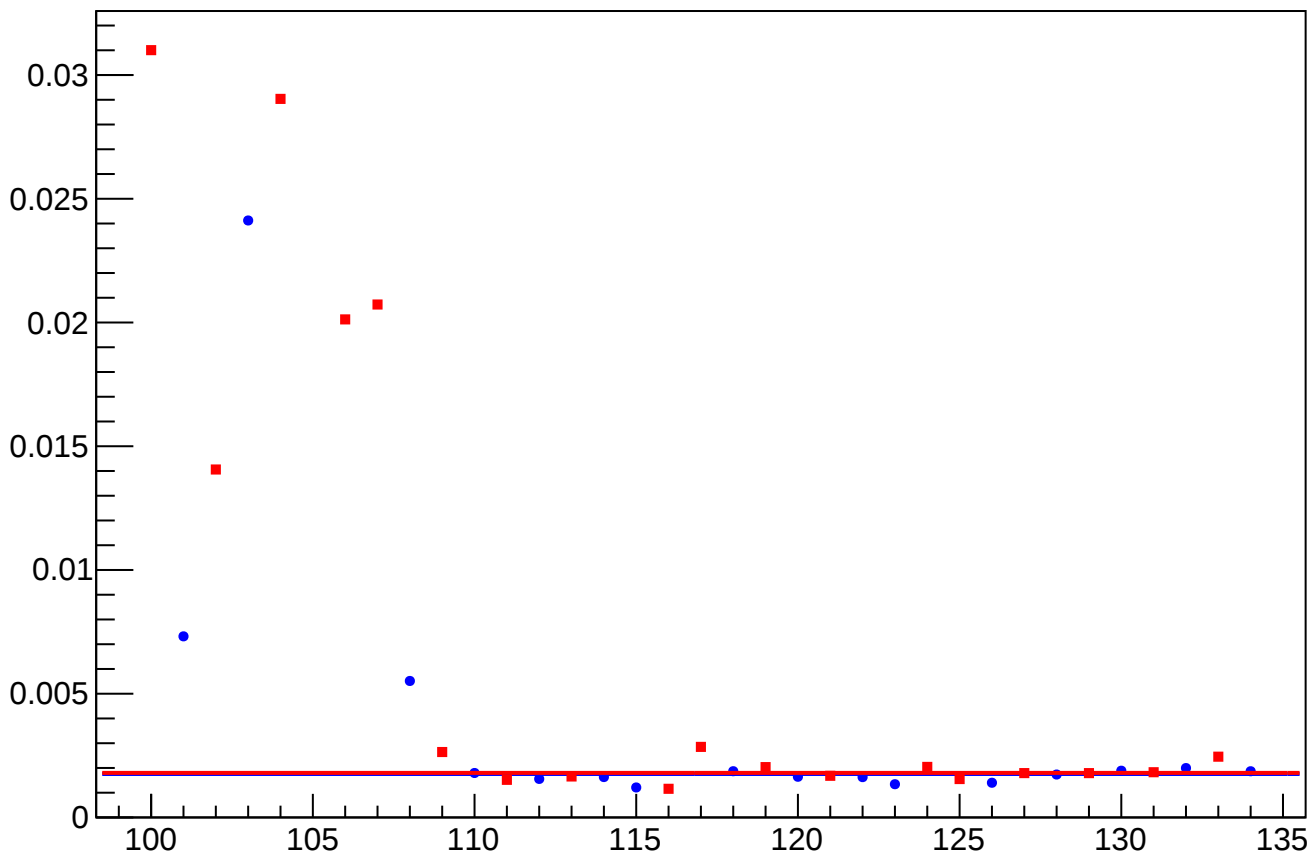
Right Out: 0.002+/-0.000 χ^2 /NDF: 3040514278.8/17

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

-0.003+/-0.000 χ^2 /NDF: 9790375600.8/15

0.002+/-0.000 χ^2 /NDF: 3040514278.8/17

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1767887.9/15

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

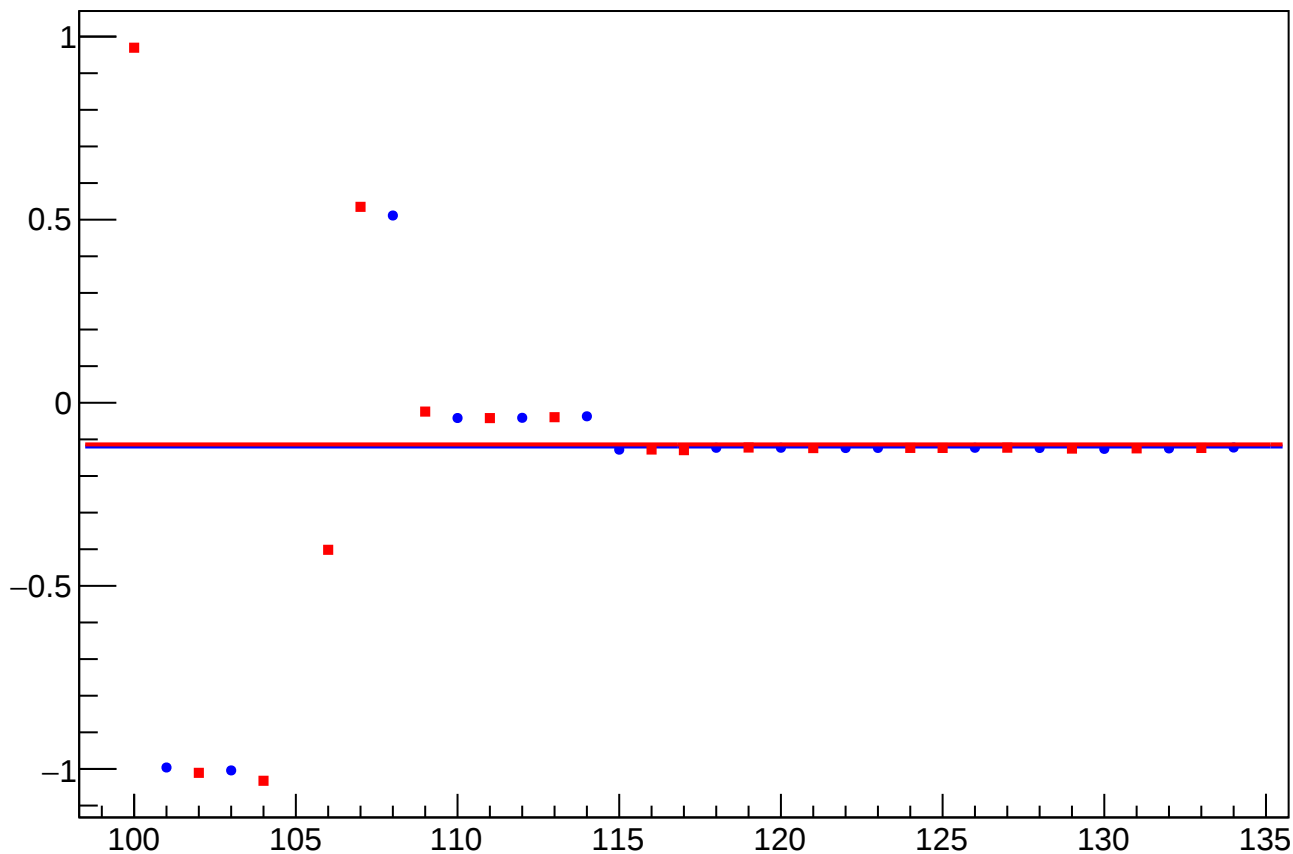
Right Out: 0.002+/-0.000 χ^2/NDF : 2922822.4/17

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

0.002+/-0.000 χ^2/NDF : 1767887.9/15

0.002+/-0.000 χ^2/NDF : 2922822.4/17

yield_cav4cY_mean vs Slug



Right In: -0.119+/-0.000 χ^2/NDF : 3927293958.1/15

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

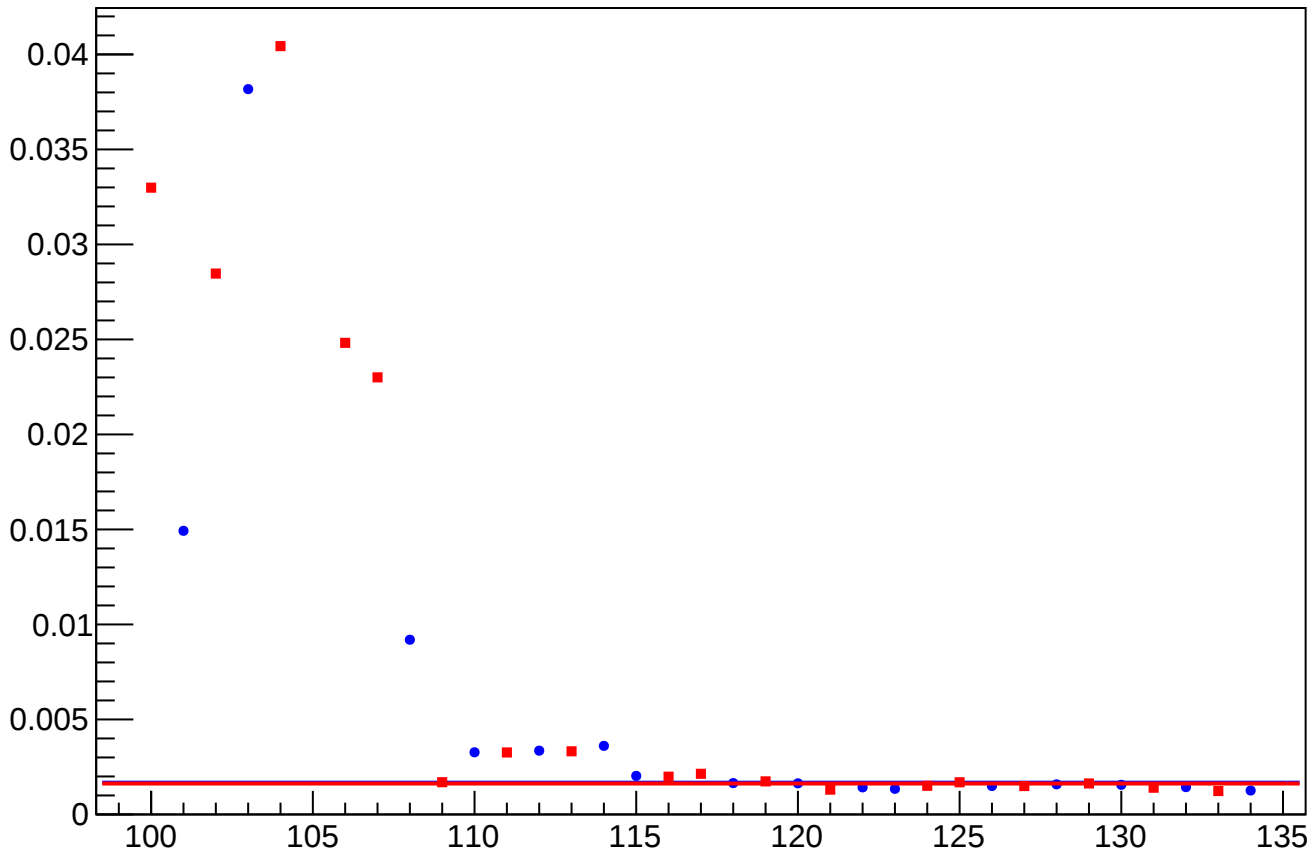
Right Out: -0.114+/-0.000 χ^2/NDF : 2431711227.5/17

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

-0.119+/-0.000 χ^2/NDF : 3927293958.1/15

-0.114+/-0.000 χ^2/NDF : 2431711227.5/17

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2744974.8/15

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

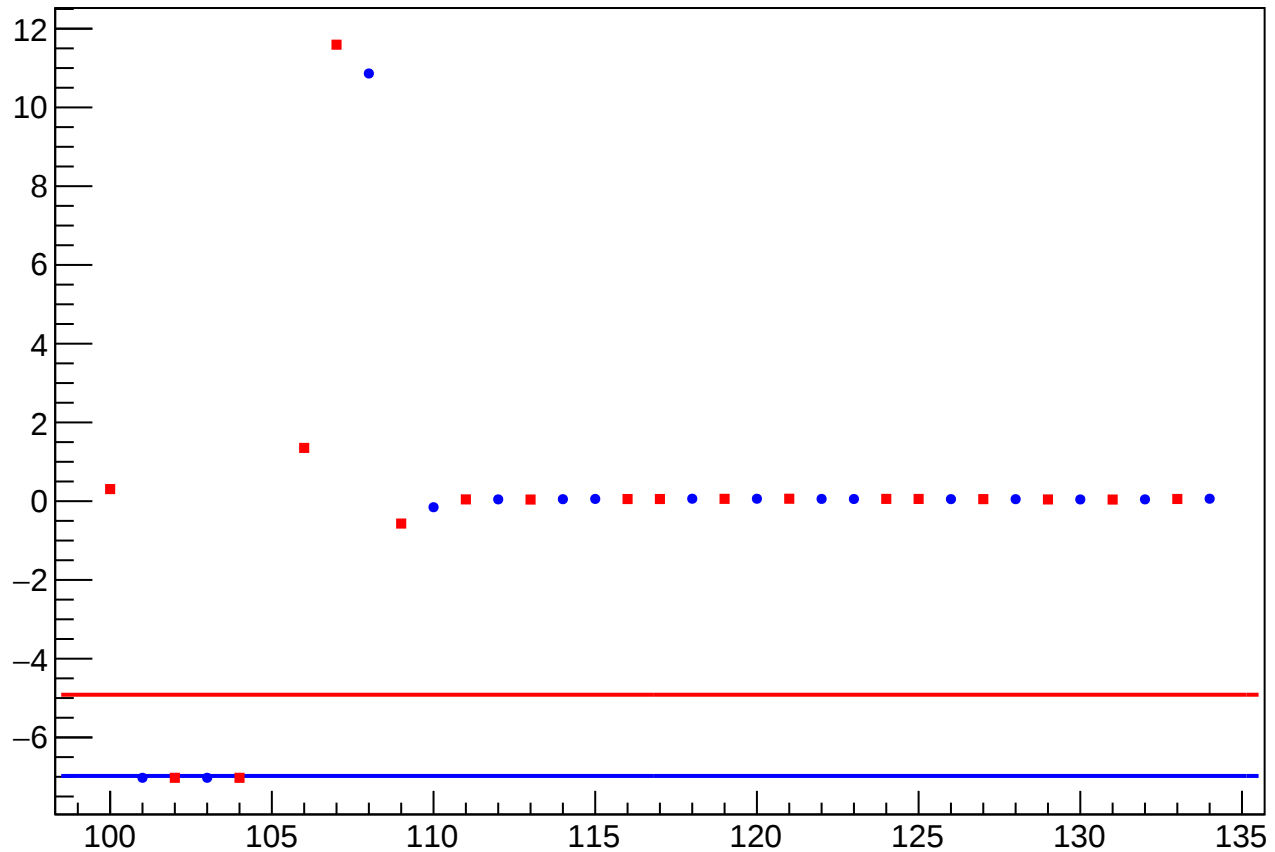
Right Out: 0.002+/-0.000 χ^2/NDF : 3431470.8/17

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

0.002+/-0.000 χ^2/NDF : 2744974.8/15

0.002+/-0.000 χ^2/NDF : 3431470.8/17

yield_cav4dX_mean vs Slug



Right In: -6.978+/-0.000 χ^2/NDF : 8171650863062.6/15

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

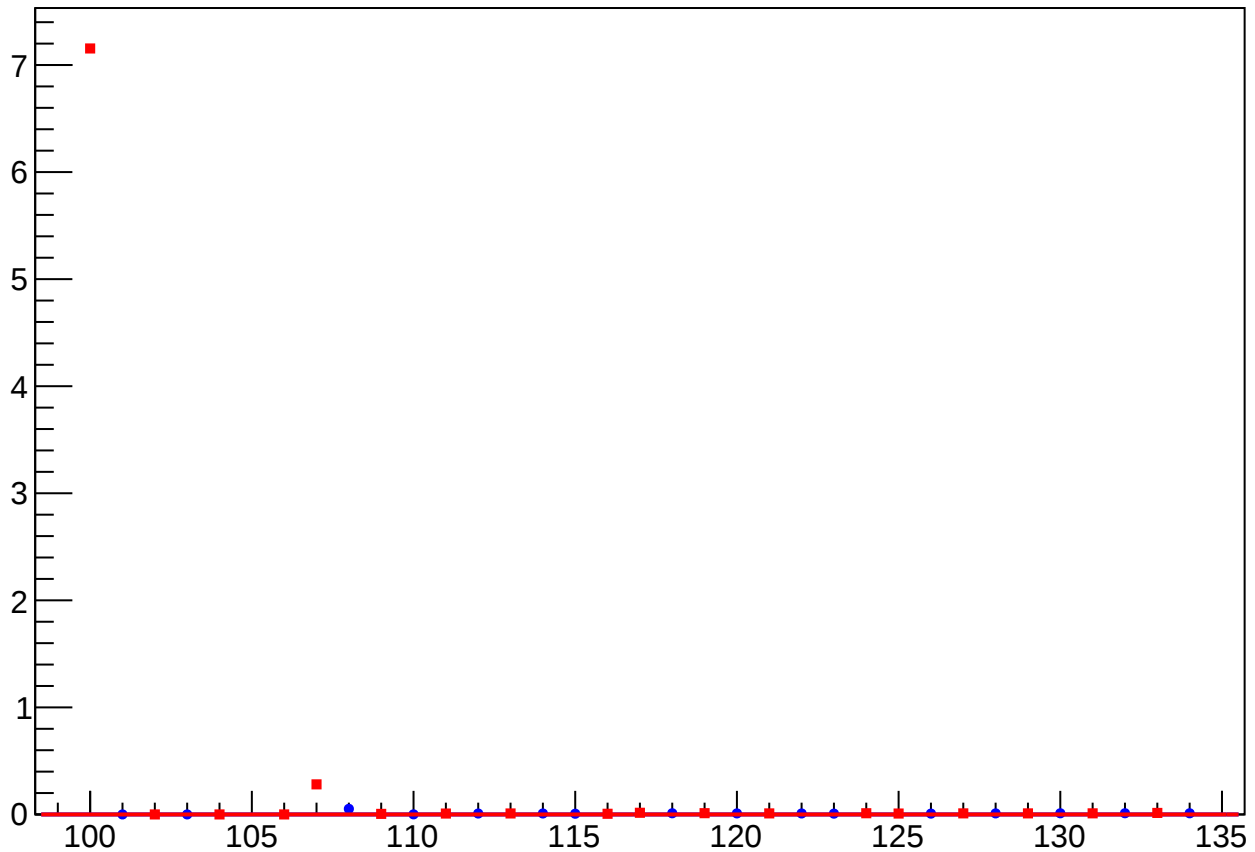
Right Out: -4.915+/-0.000 χ^2/NDF : 365128942058203.9/17

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

-6.978+/-0.000 χ^2/NDF : 8171650863062.6/15

-4.915+/-0.000 χ^2/NDF : 365128942058203.9/17

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 7086503.6/15

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

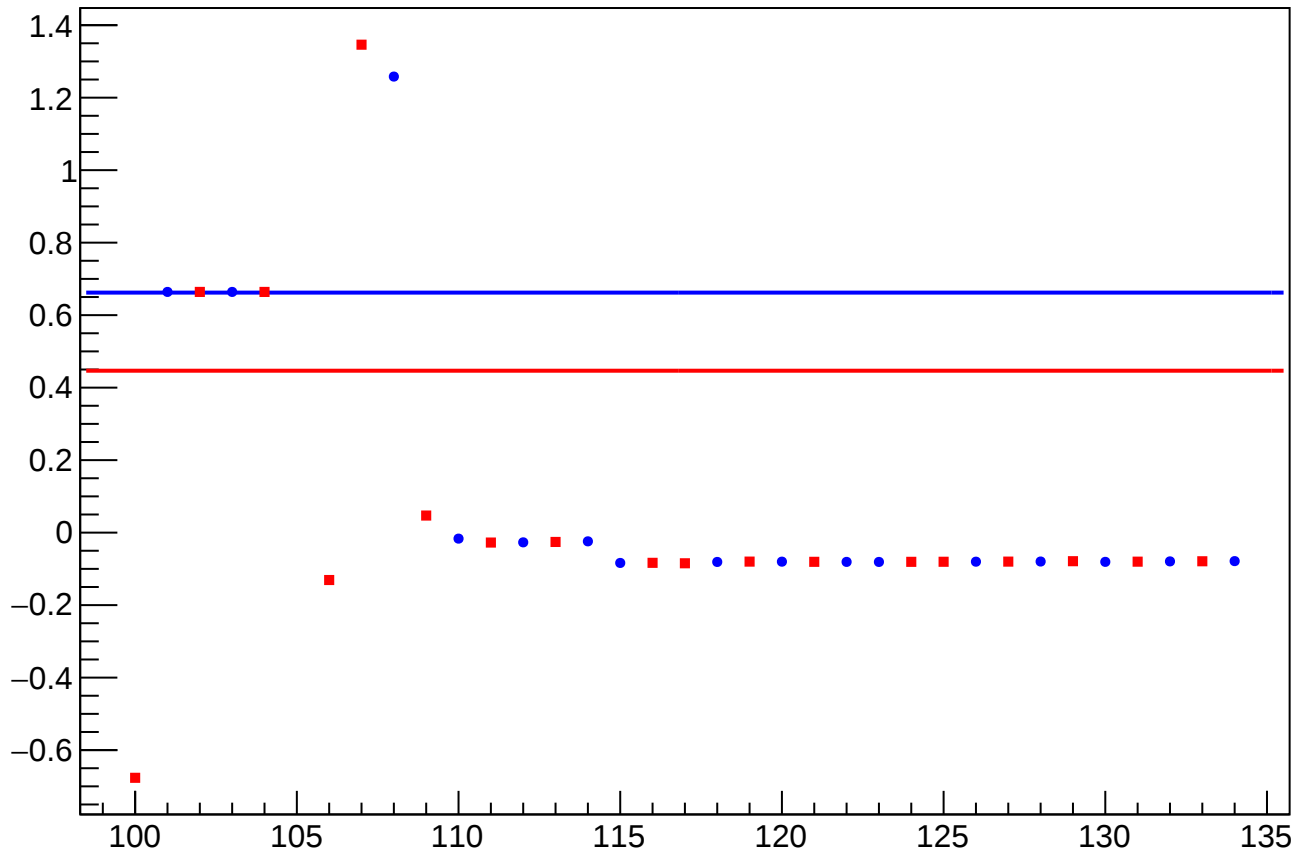
Right Out: 0.000+/-0.000 χ^2/NDF : 7833167.3/17

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

0.000+/-0.000 χ^2/NDF : 7086503.6/15

0.000+/-0.000 χ^2/NDF : 7833167.3/17

yield_cav4dY_mean vs Slug



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 3674482942335.4/15

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

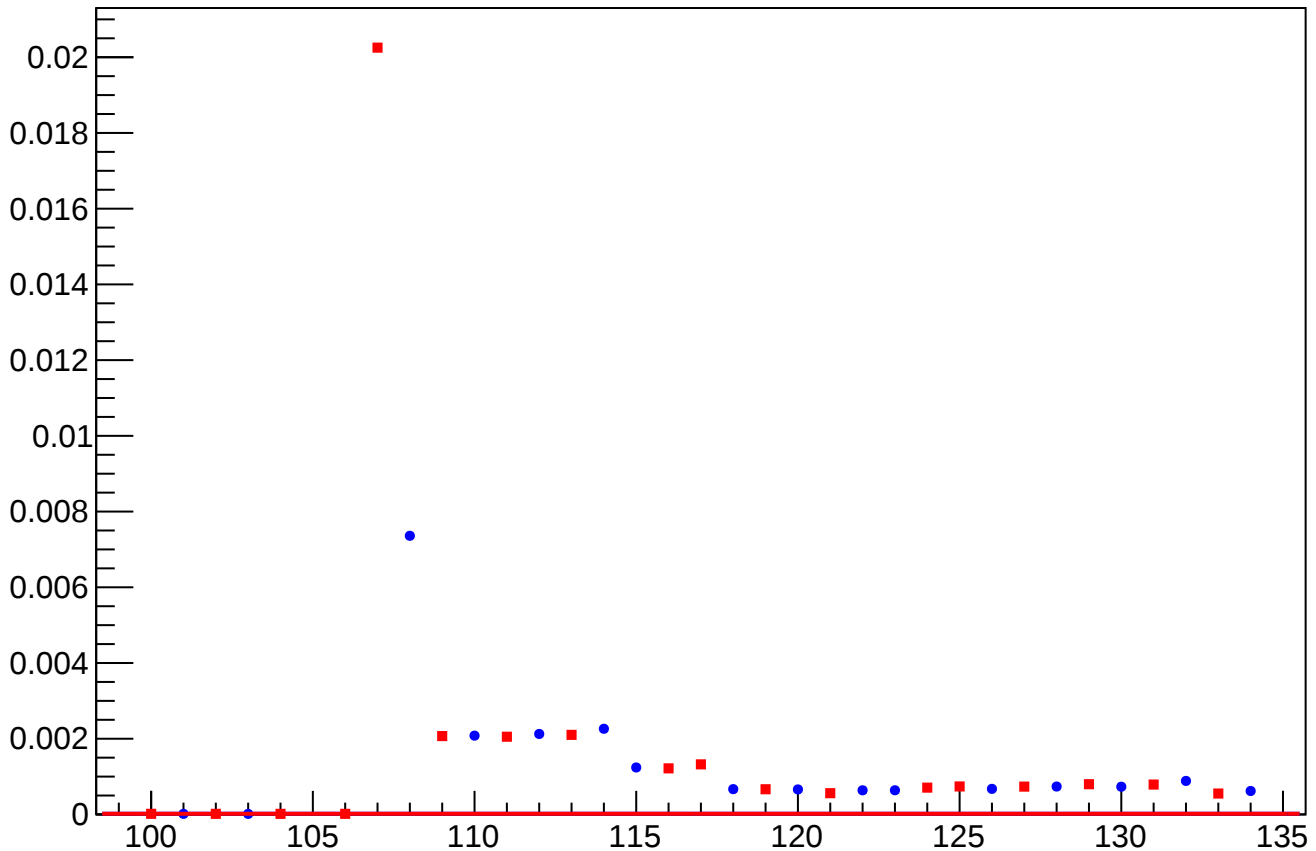
Right Out: 0.447 $\pm$ 0.000 χ^2 /NDF: 404755300374465.2/17

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

0.662 $\pm$ 0.000 χ^2 /NDF: 3674482942335.4/15

0.447 $\pm$ 0.000 χ^2 /NDF: 404755300374465.2/17

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8542931.7/15

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

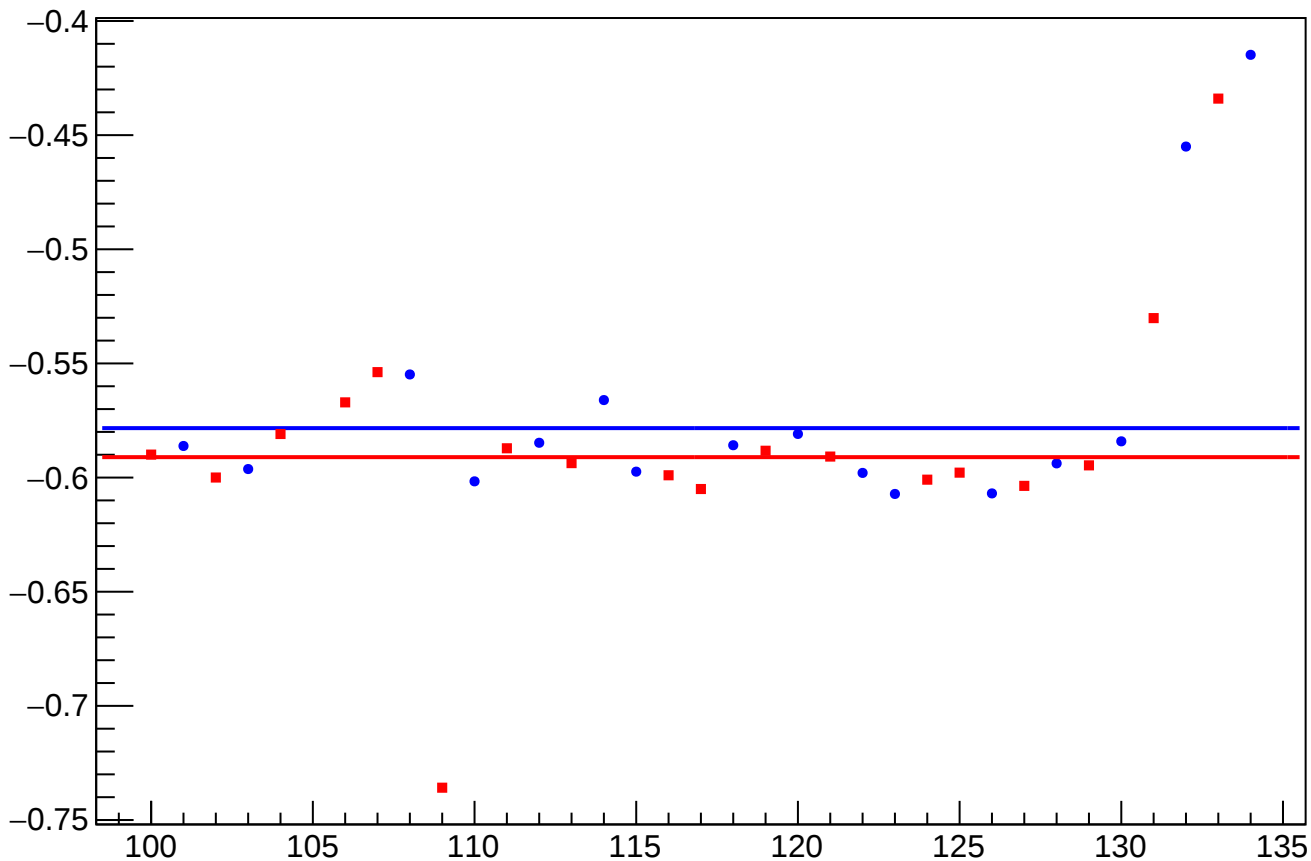
Right Out: 0.000+/-0.000 χ^2/NDF : 8418784.1/17

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

0.000+/-0.000 χ^2/NDF : 8542931.7/15

0.000+/-0.000 χ^2/NDF : 8418784.1/17

yield_bpm4aX_mean vs Slug



Right In: -0.578+/-0.000 χ^2/NDF : 14683256.8/15

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

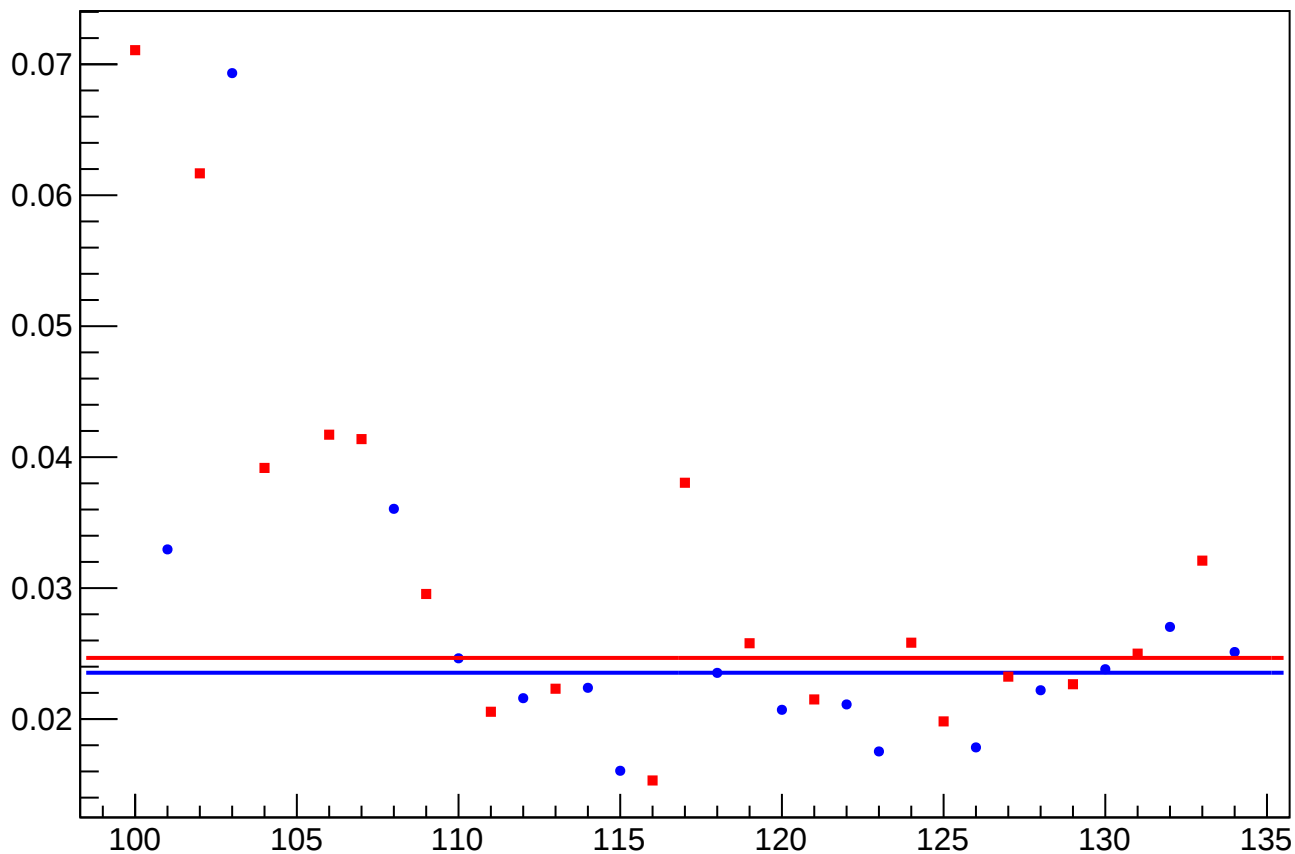
Right Out: -0.591+/-0.000 χ^2/NDF : 21329905.9/17

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

-0.578+/-0.000 χ^2/NDF : 14683256.8/15

-0.591+/-0.000 χ^2/NDF : 21329905.9/17

yield_bpm4aX_rms vs Slug



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 794011.4/15

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

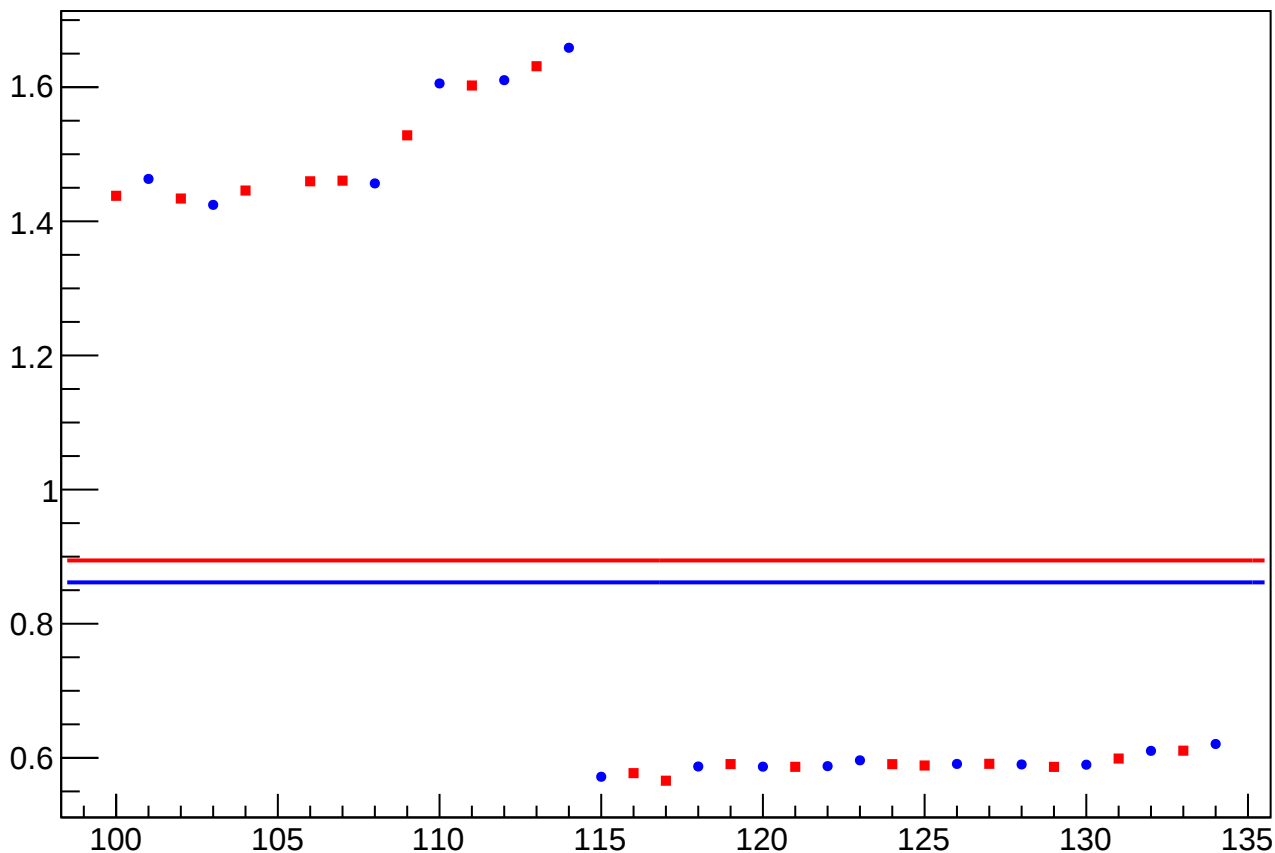
Right Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 994449.4/17

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

0.024 $\pm$ 0.000 χ^2 /NDF: 794011.4/15

0.025 $\pm$ 0.000 χ^2 /NDF: 994449.4/17

yield_bpm4aY_mean vs Slug



Right In: 0.862+/-0.000 χ^2/NDF : 3228021390.5/15

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

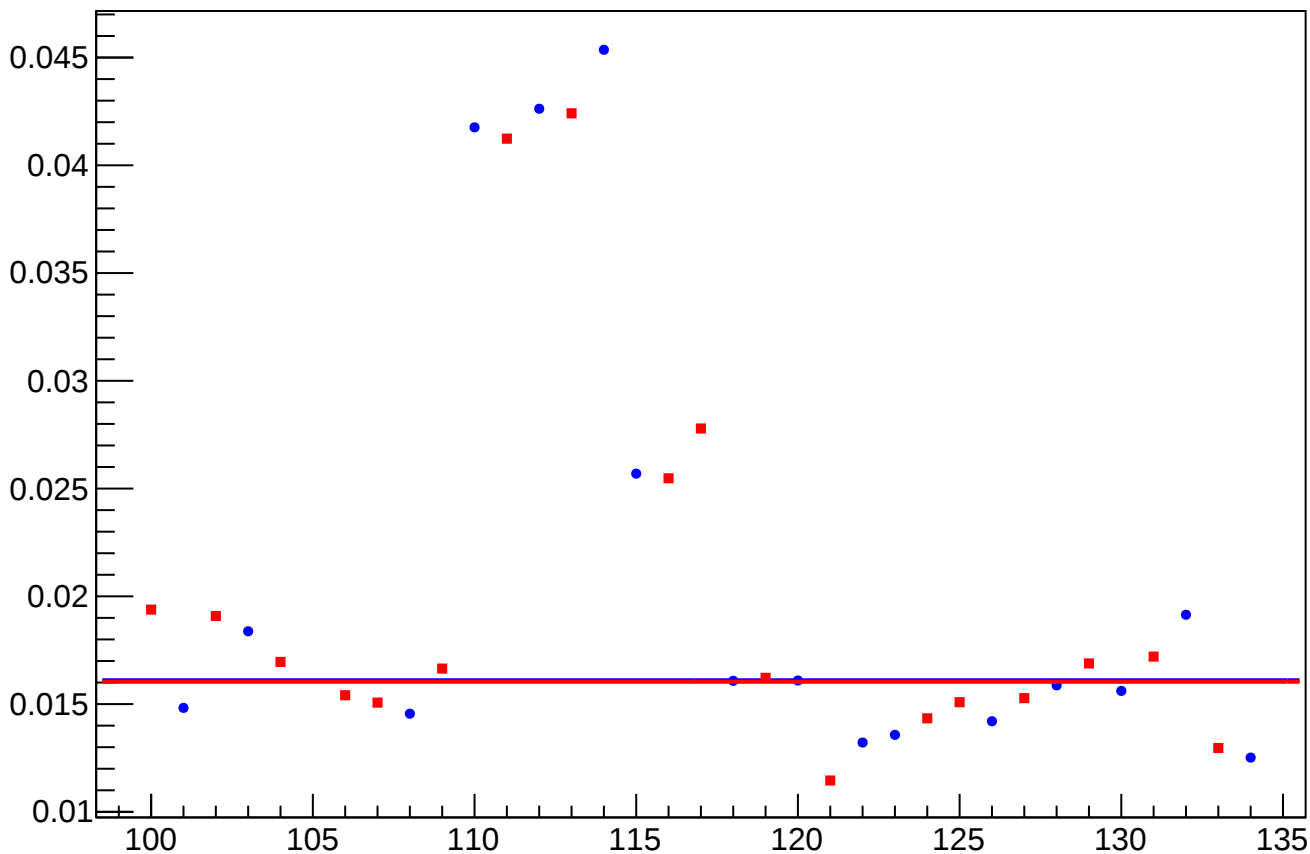
Right Out: 0.894+/-0.000 χ^2/NDF : 3798826320.9/17

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

0.862+/-0.000 χ^2/NDF : 3228021390.5/15

0.894+/-0.000 χ^2/NDF : 3798826320.9/17

yield_bpm4aY_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 847116.8/15

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

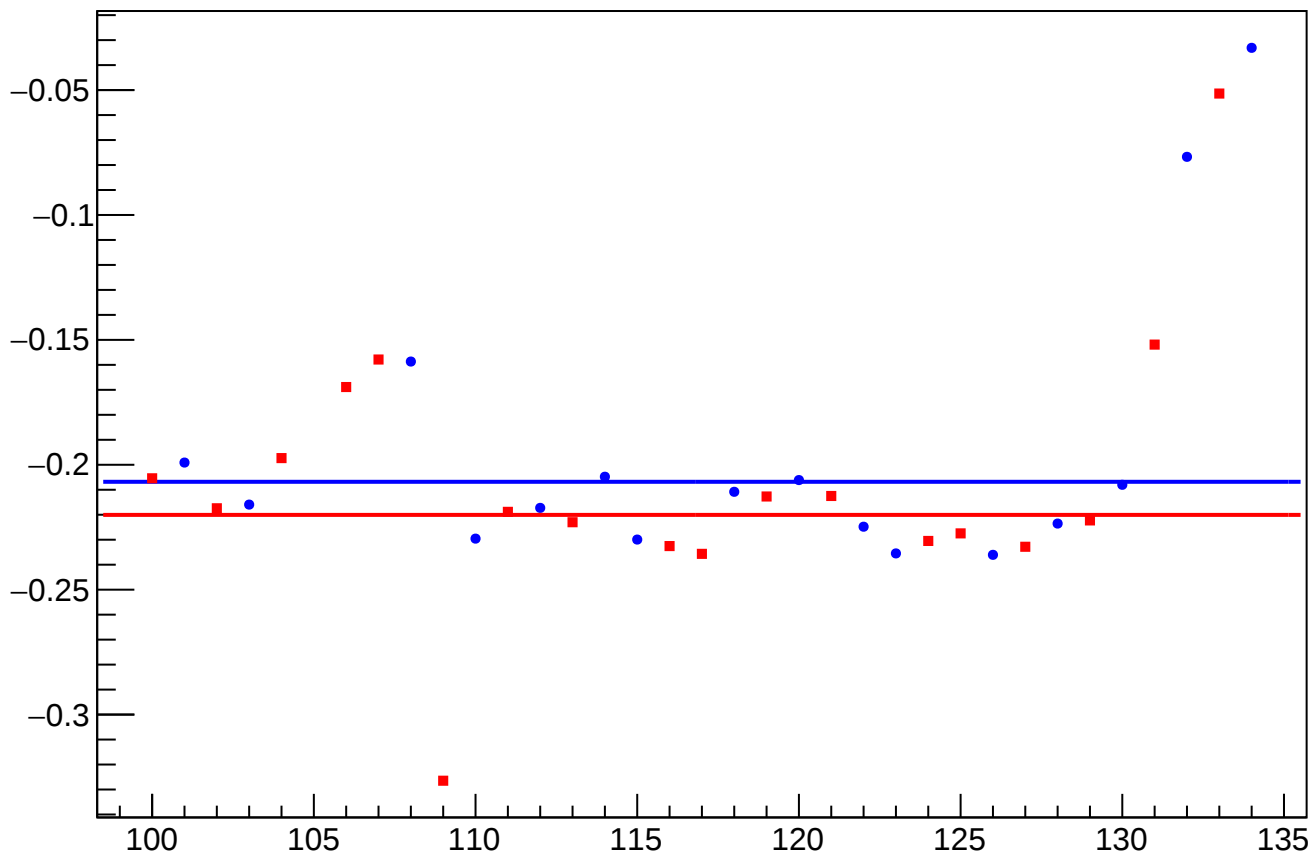
Right Out: 0.016+/-0.000 χ^2/NDF : 934393.5/17

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

0.016+/-0.000 χ^2/NDF : 847116.8/15

0.016+/-0.000 χ^2/NDF : 934393.5/17

yield_bpm4eX_mean vs Slug



Right In: -0.207+/-0.000 χ^2 /NDF: 20670295.1/15

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

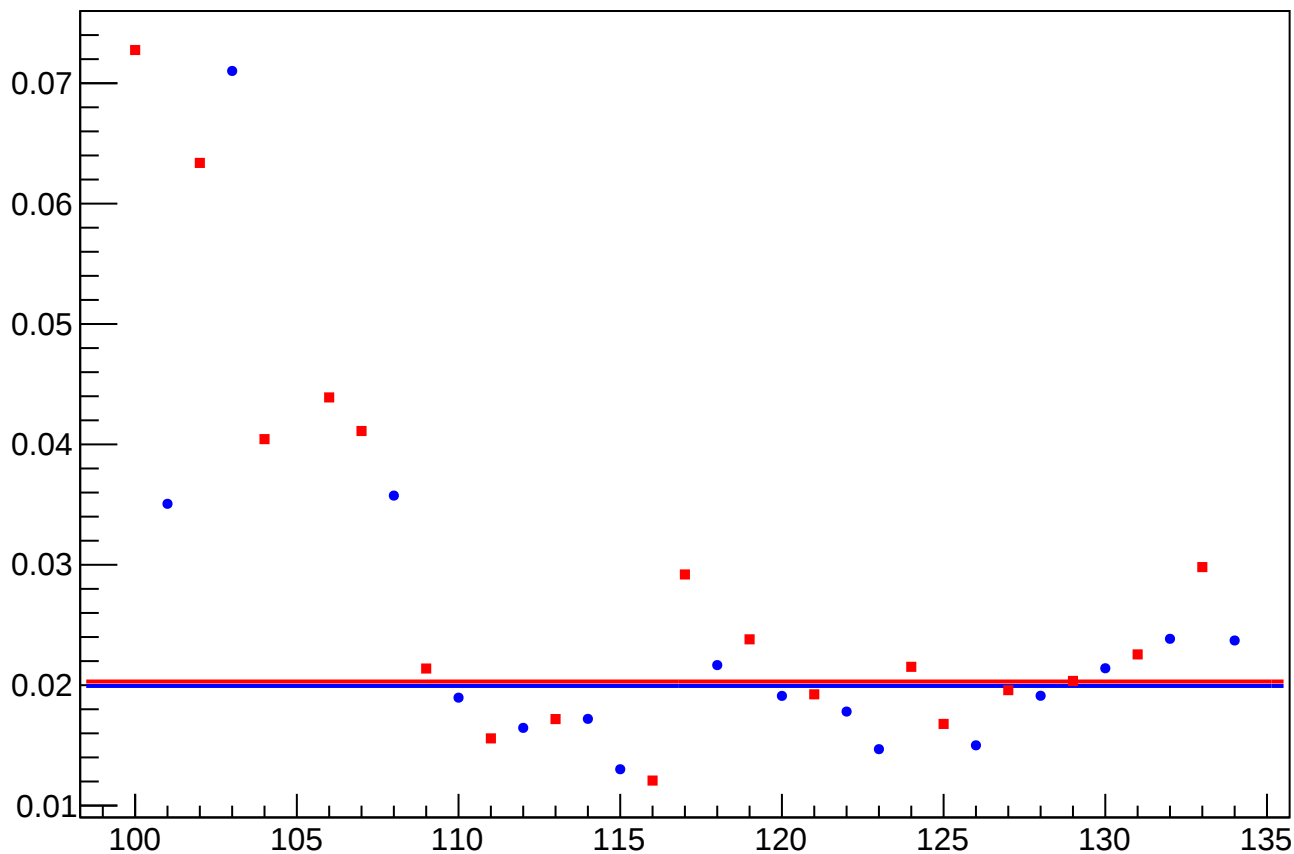
Right Out: -0.220+/-0.000 χ^2 /NDF: 26411059.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.207+/-0.000 χ^2 /NDF: 20670295.1/15

-0.220+/-0.000 χ^2 /NDF: 26411059.1/17

yield_bpm4eX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1099735.7/15

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

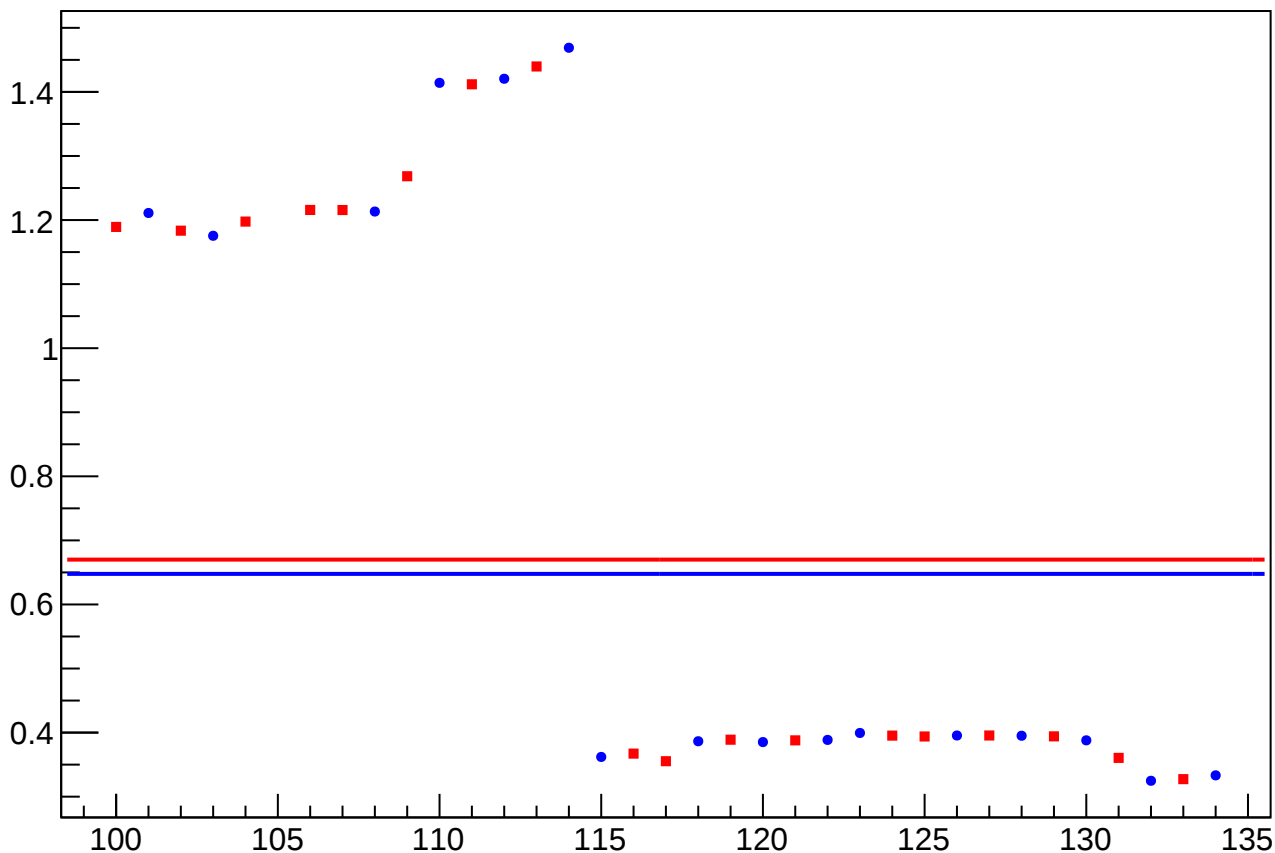
Right Out: 0.020+/-0.000 χ^2/NDF : 1402521.1/17

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

0.020+/-0.000 χ^2/NDF : 1099735.7/15

0.020+/-0.000 χ^2/NDF : 1402521.1/17

yield_bpm4eY_mean vs Slug



Right In: 0.648+/-0.000 χ^2/NDF : 4294727417.6/15

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

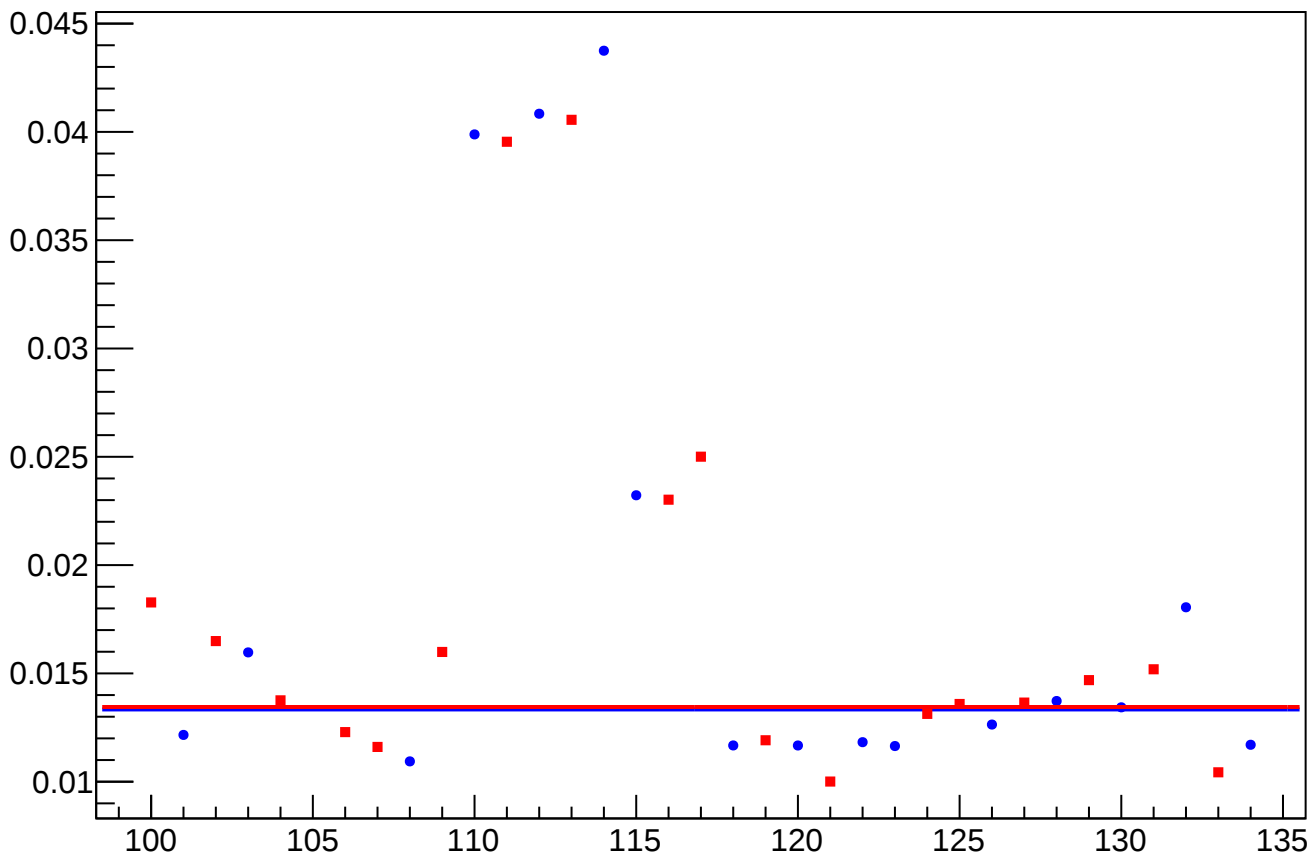
Right Out: 0.670+/-0.000 χ^2/NDF : 4880277411.2/17

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

0.648+/-0.000 χ^2/NDF : 4294727417.6/15

0.670+/-0.000 χ^2/NDF : 4880277411.2/17

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1012242.0/15

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

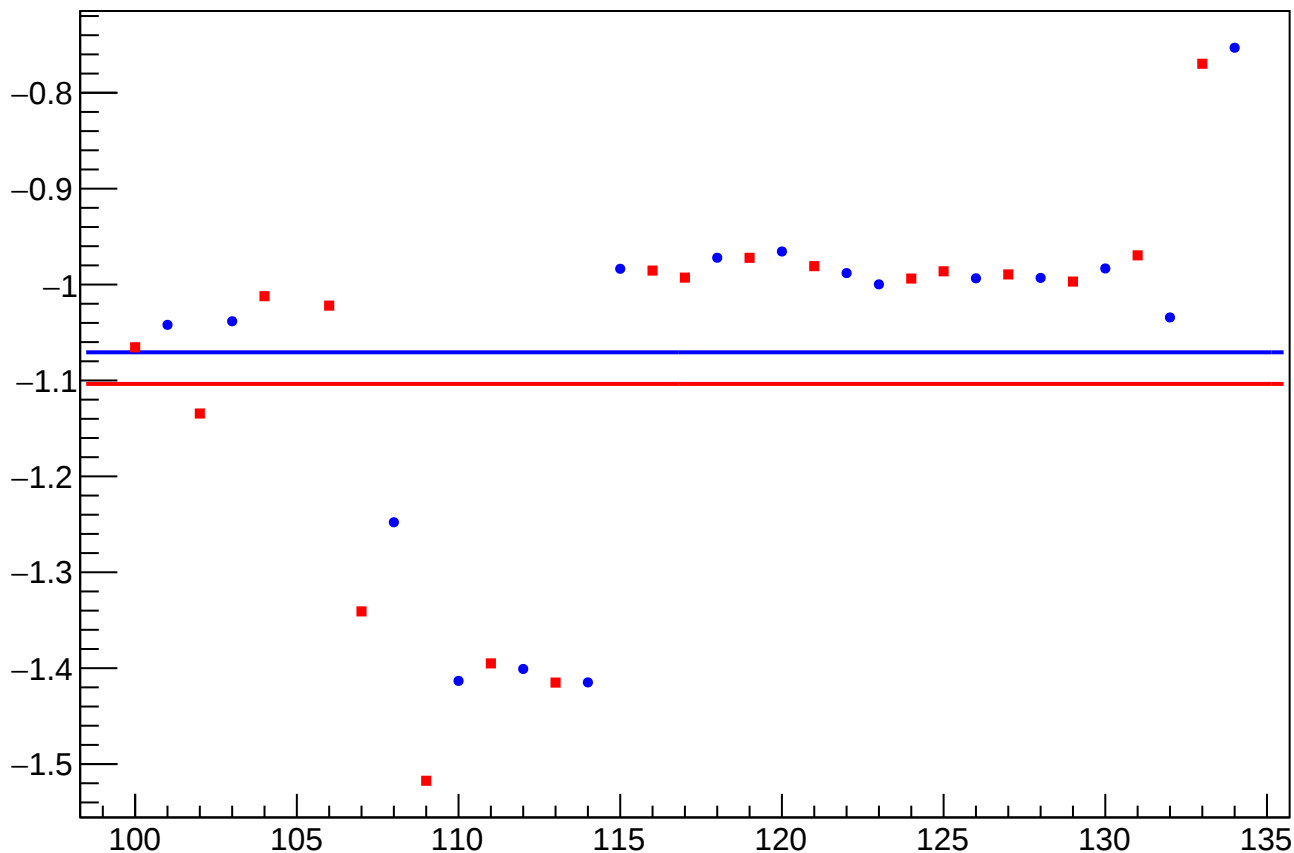
Right Out: 0.013+/-0.000 χ^2/NDF : 1101617.4/17

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

0.013+/-0.000 χ^2/NDF : 1012242.0/15

0.013+/-0.000 χ^2/NDF : 1101617.4/17

yield_bpm4acX_mean vs Slug



Right In: -1.071 ± 0.000 χ^2/NDF : 251045142.0/15

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

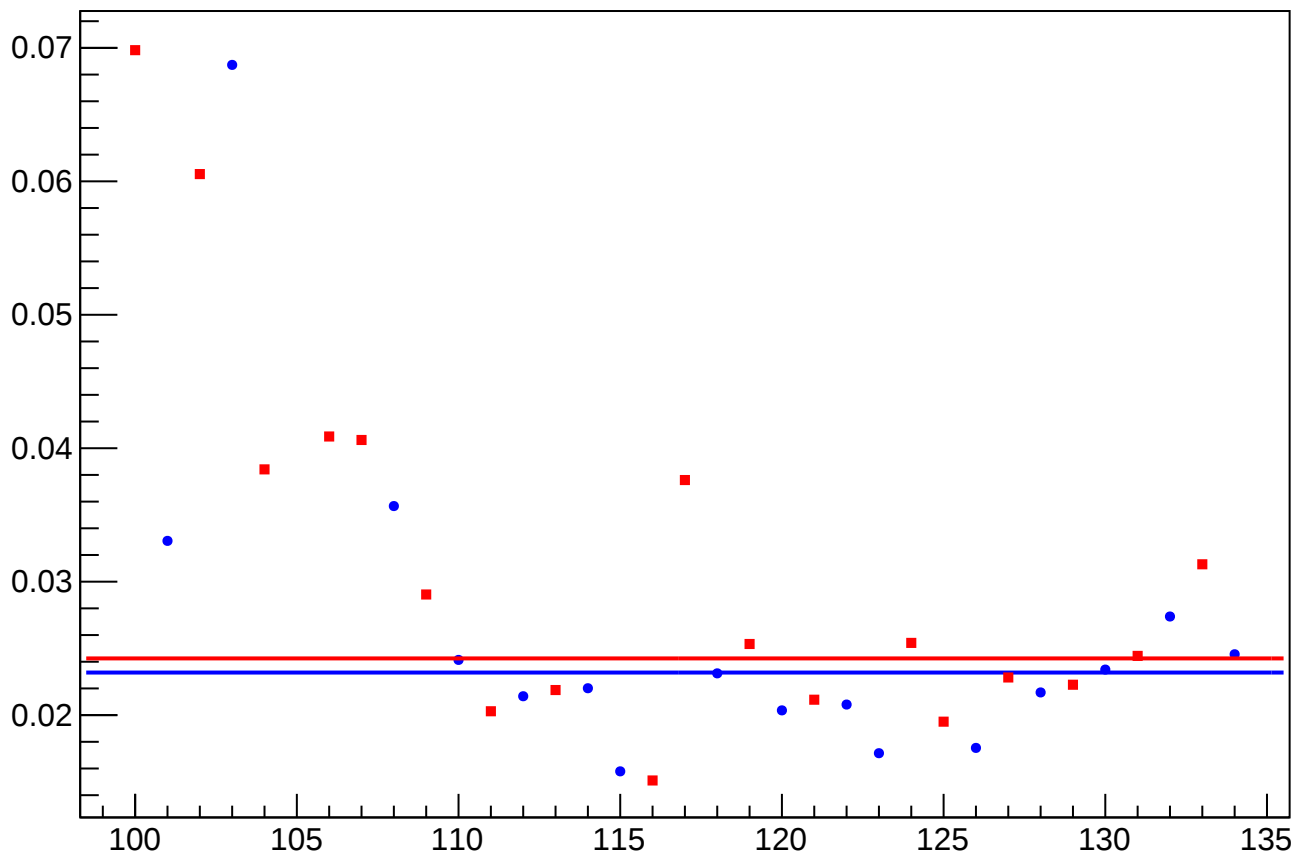
Right Out: -1.104 ± 0.000 χ^2/NDF : 365225342.4/17

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

-1.071 ± 0.000 χ^2/NDF : 251045142.0/15

-1.104 ± 0.000 χ^2/NDF : 365225342.4/17

yield_bpm4acX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 809880.3/15

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

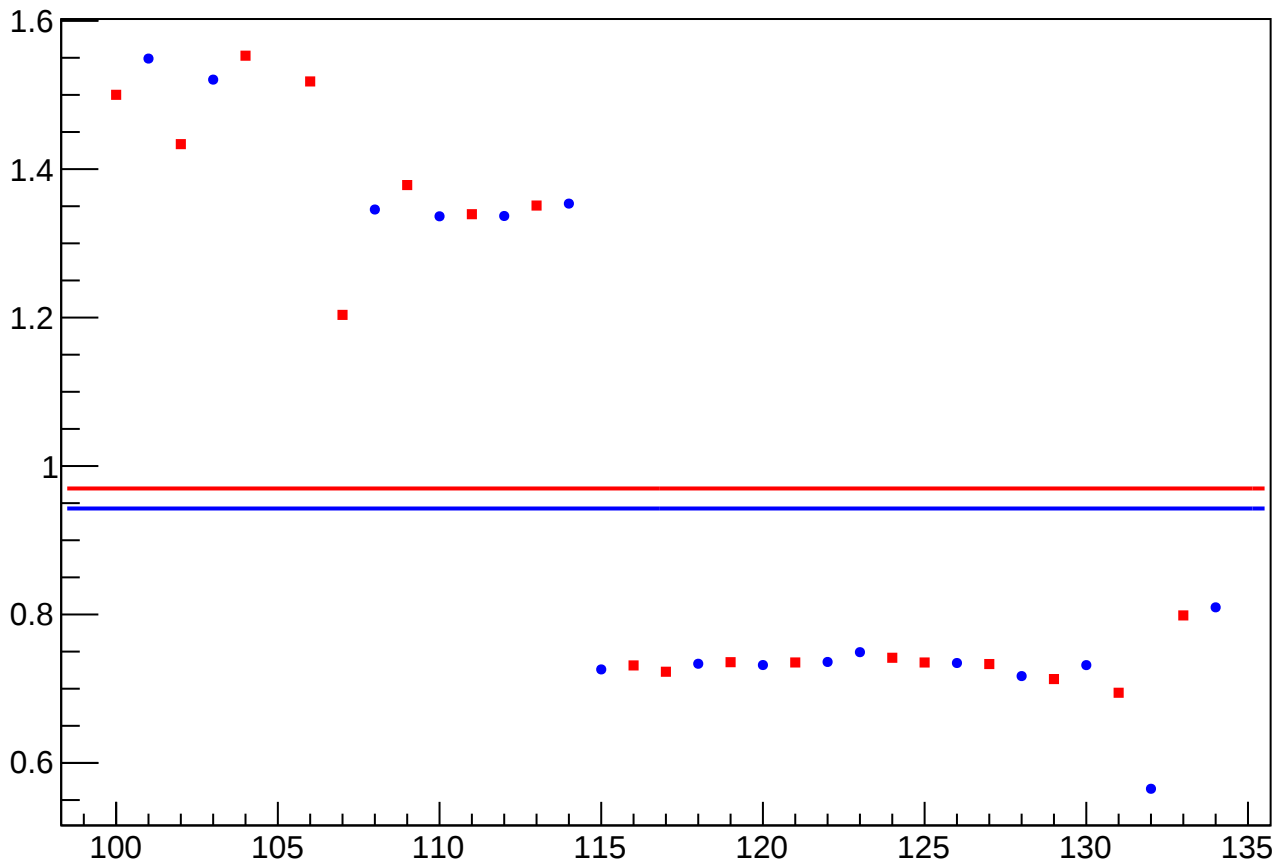
Right Out: 0.024+/-0.000 χ^2/NDF : 985486.1/17

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

0.023+/-0.000 χ^2/NDF : 809880.3/15

0.024+/-0.000 χ^2/NDF : 985486.1/17

yield_bpm4acY_mean vs Slug



Right In: 0.943+/-0.000 χ^2/NDF : 2260942649.0/15

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

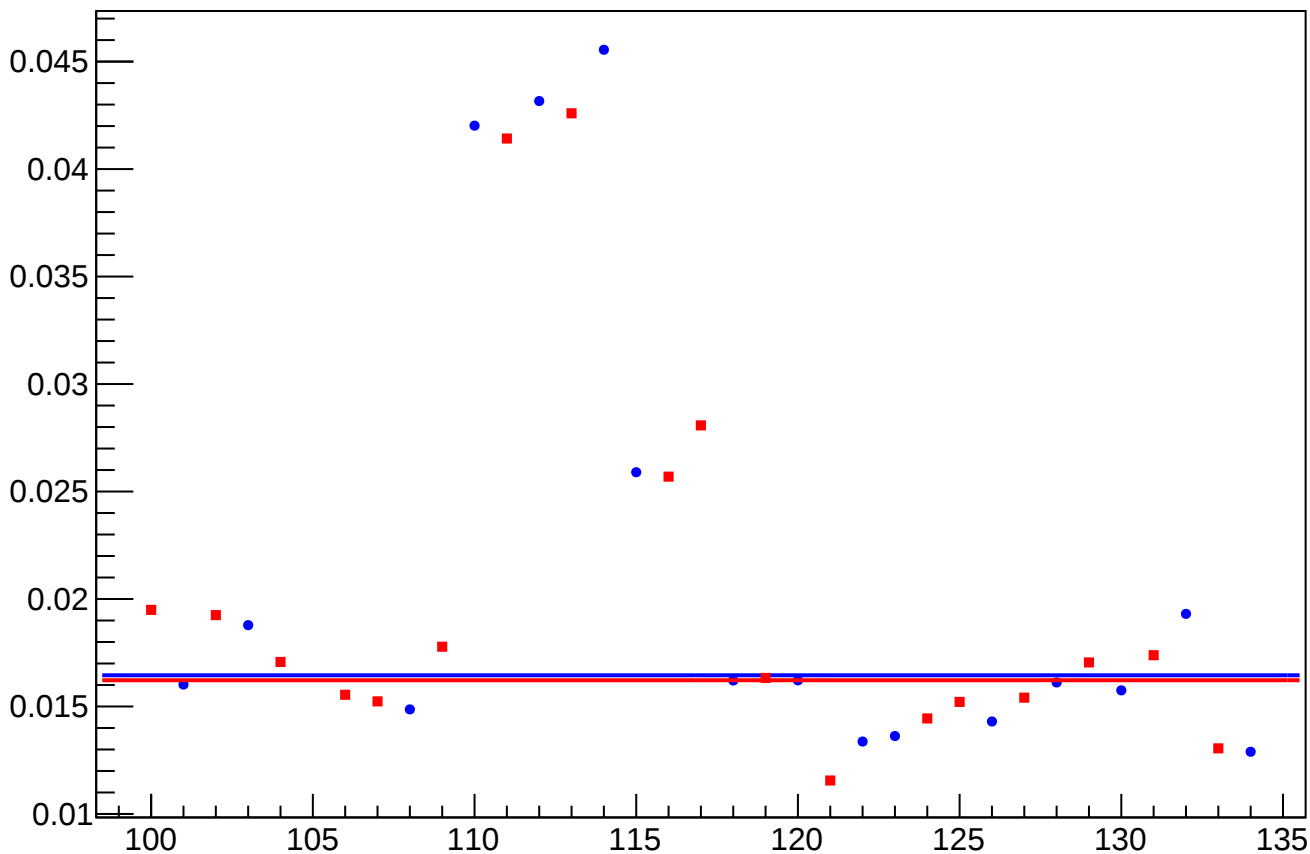
0.943+/-0.000 χ^2/NDF : 2260942649.0/15

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: 0.016+/-0.000 χ^2/NDF : 833799.9/15

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

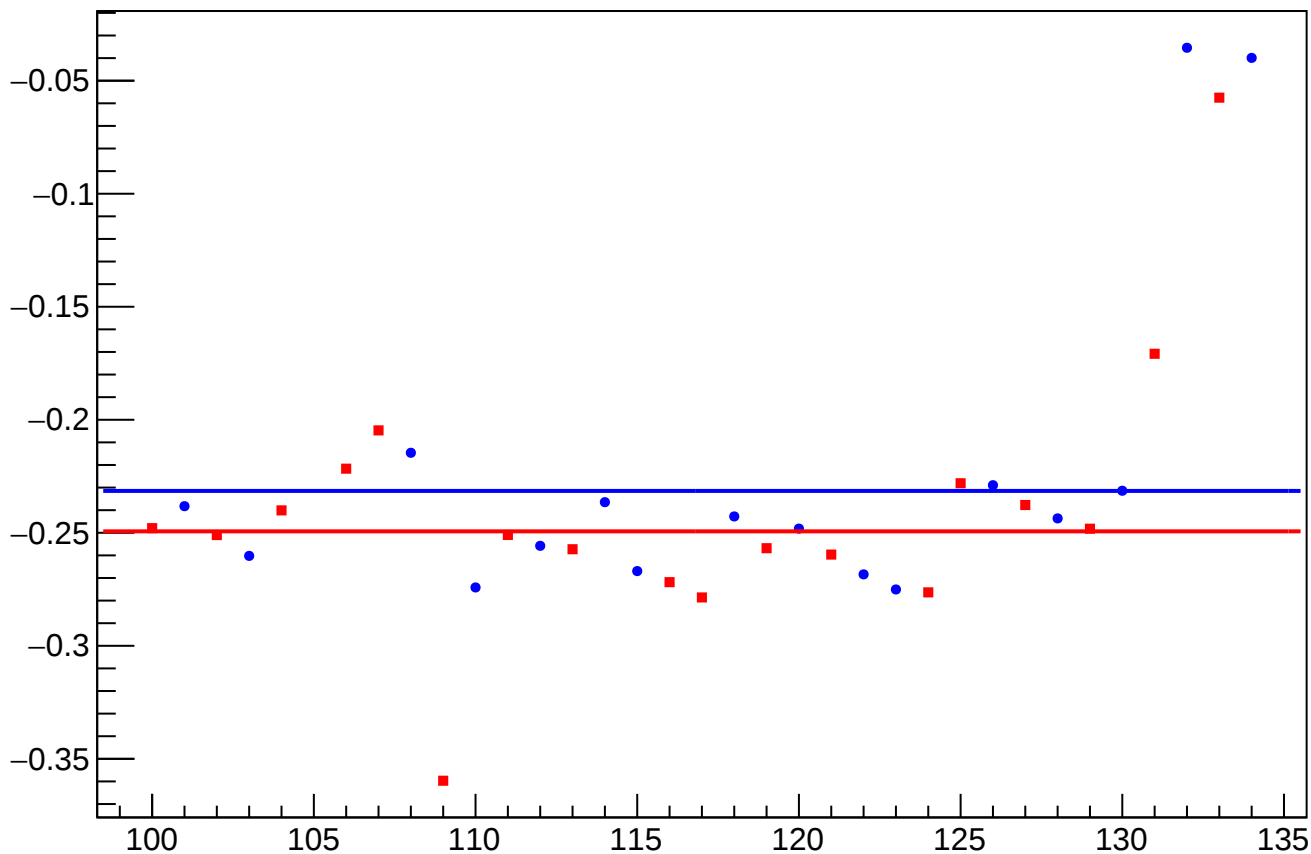
Right Out: 0.016+/-0.000 χ^2/NDF : 935863.2/17

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

0.016+/-0.000 χ^2/NDF : 833799.9/15

0.016+/-0.000 χ^2/NDF : 935863.2/17

yield_bpm4ecX_mean vs Slug



Right In: -0.231+/-0.000 χ^2/NDF : 38178776.6/15

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

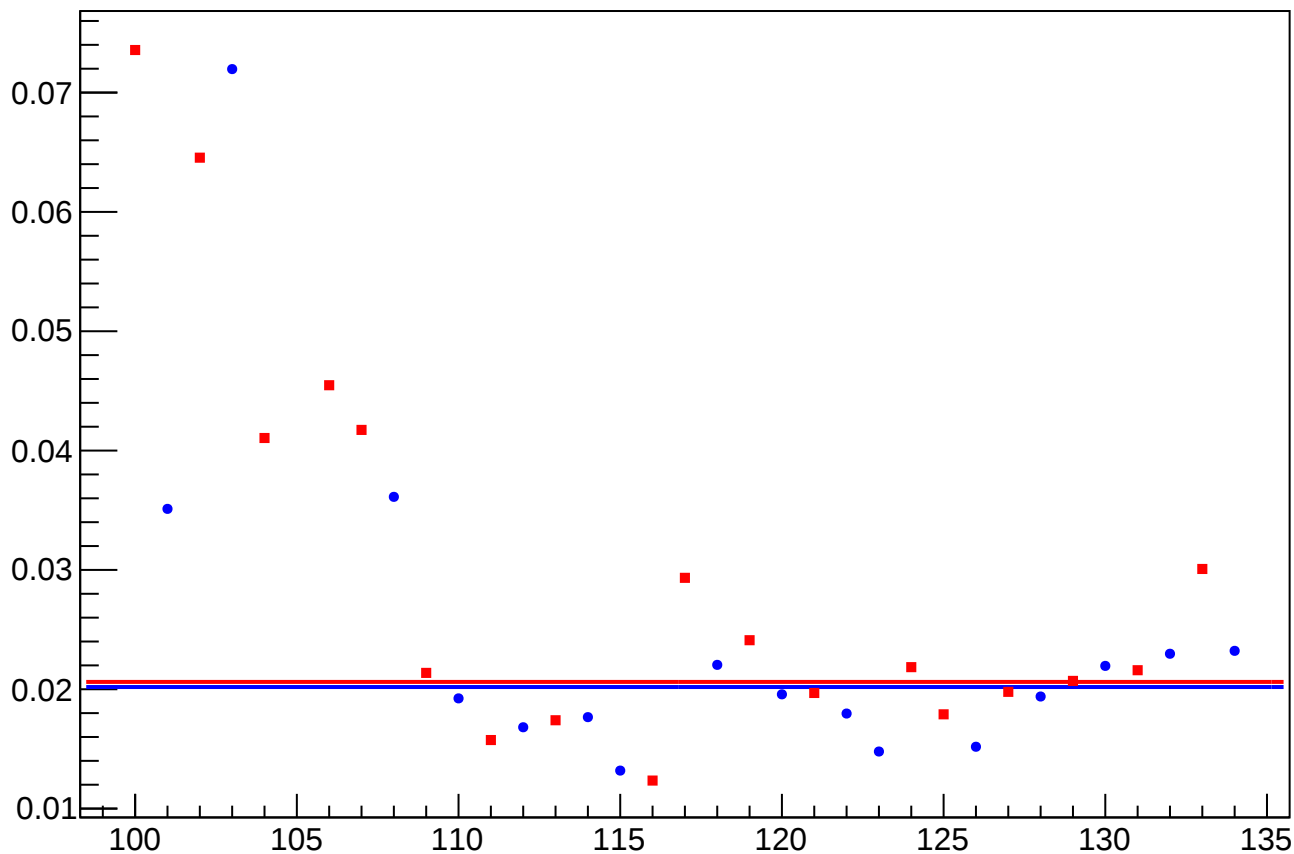
Right Out: -0.249+/-0.000 χ^2/NDF : 31728187.5/17

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

-0.231+/-0.000 χ^2/NDF : 38178776.6/15

-0.249+/-0.000 χ^2/NDF : 31728187.5/17

yield_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1078785.1/15

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

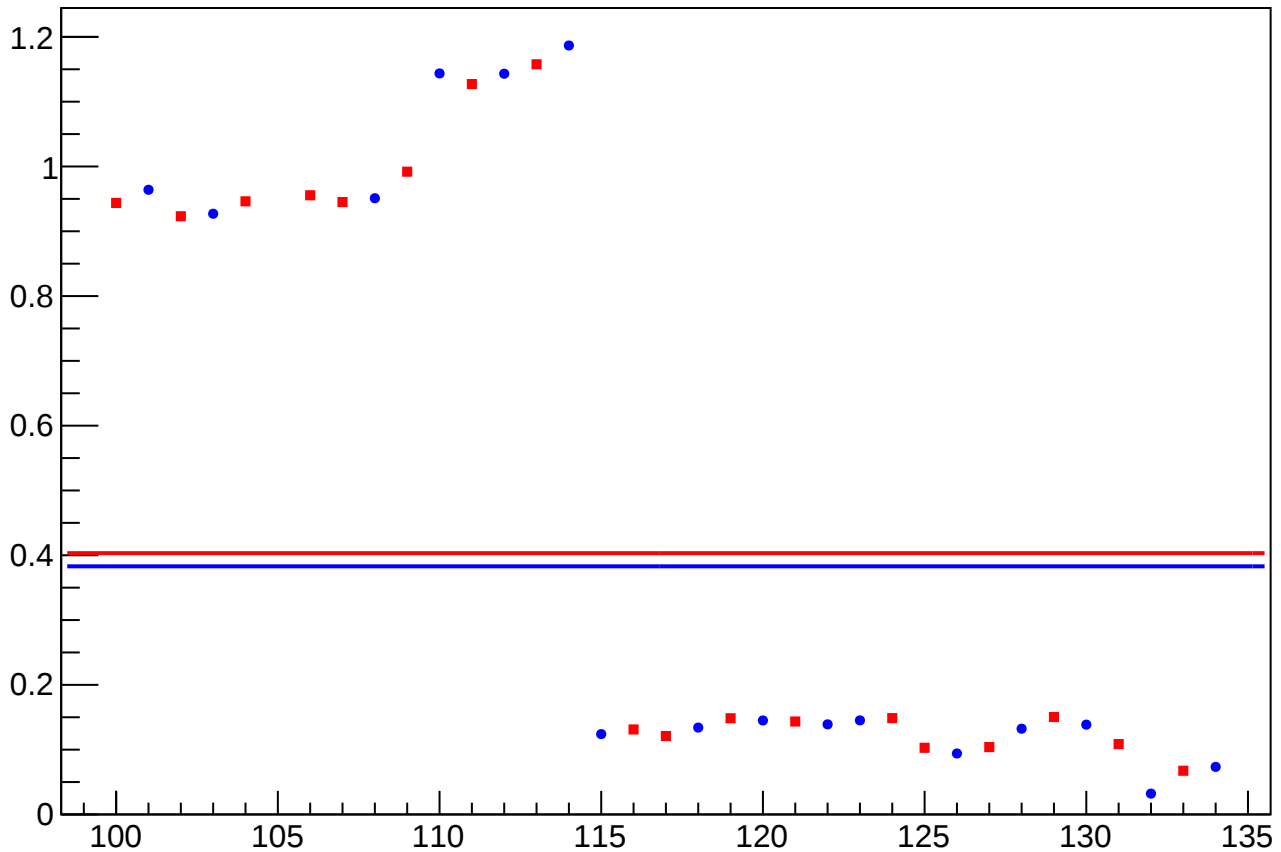
Right Out: 0.021+/-0.000 χ^2/NDF : 1390002.0/17

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

0.020+/-0.000 χ^2/NDF : 1078785.1/15

0.021+/-0.000 χ^2/NDF : 1390002.0/17

yield_bpm4ecY_mean vs Slug



Right In: 0.383+/-0.000 χ^2/NDF : 4398771409.6/15

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

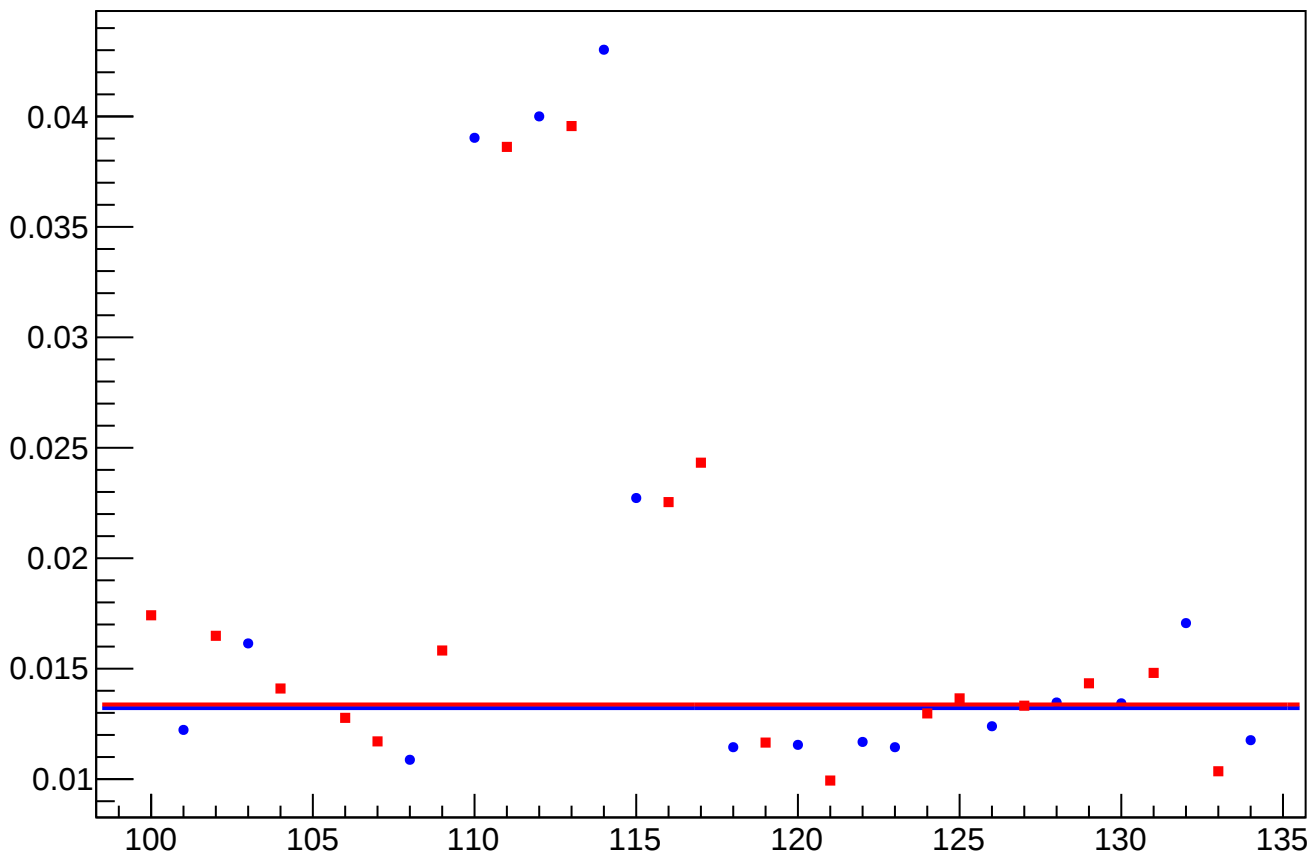
0.383+/-0.000 χ^2/NDF : 4398771409.6/15

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 : 995648.8/15

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

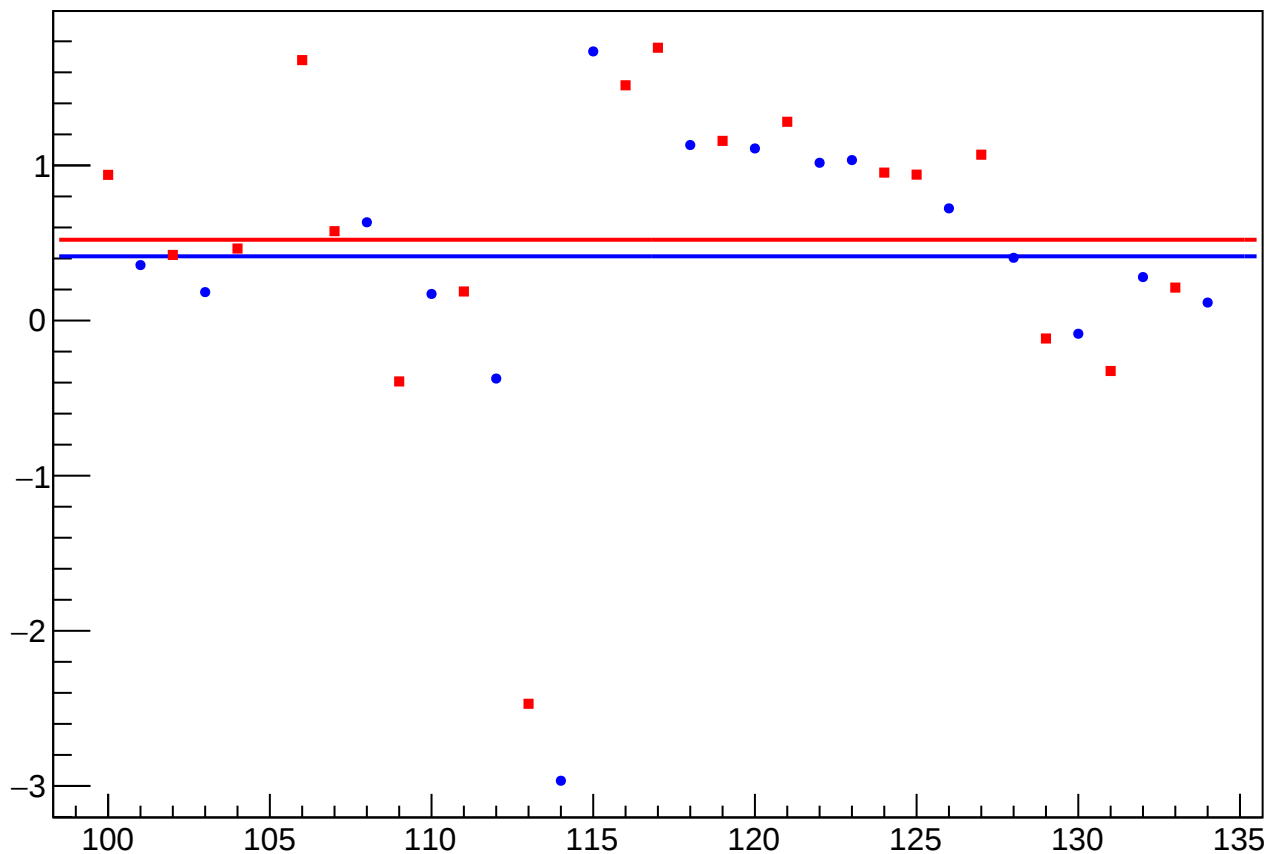
Right Out: 0.013+/-0.000 χ^2/NDF : 1080335.9/17

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

0.013+/-0.000 χ^2/NDF : 995648.8/15

0.013+/-0.000 χ^2/NDF : 1080335.9/17

yield_bpm1X_mean vs Slug



Right In: 0.414+/-0.000 χ^2/NDF : 233390586.2/15

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

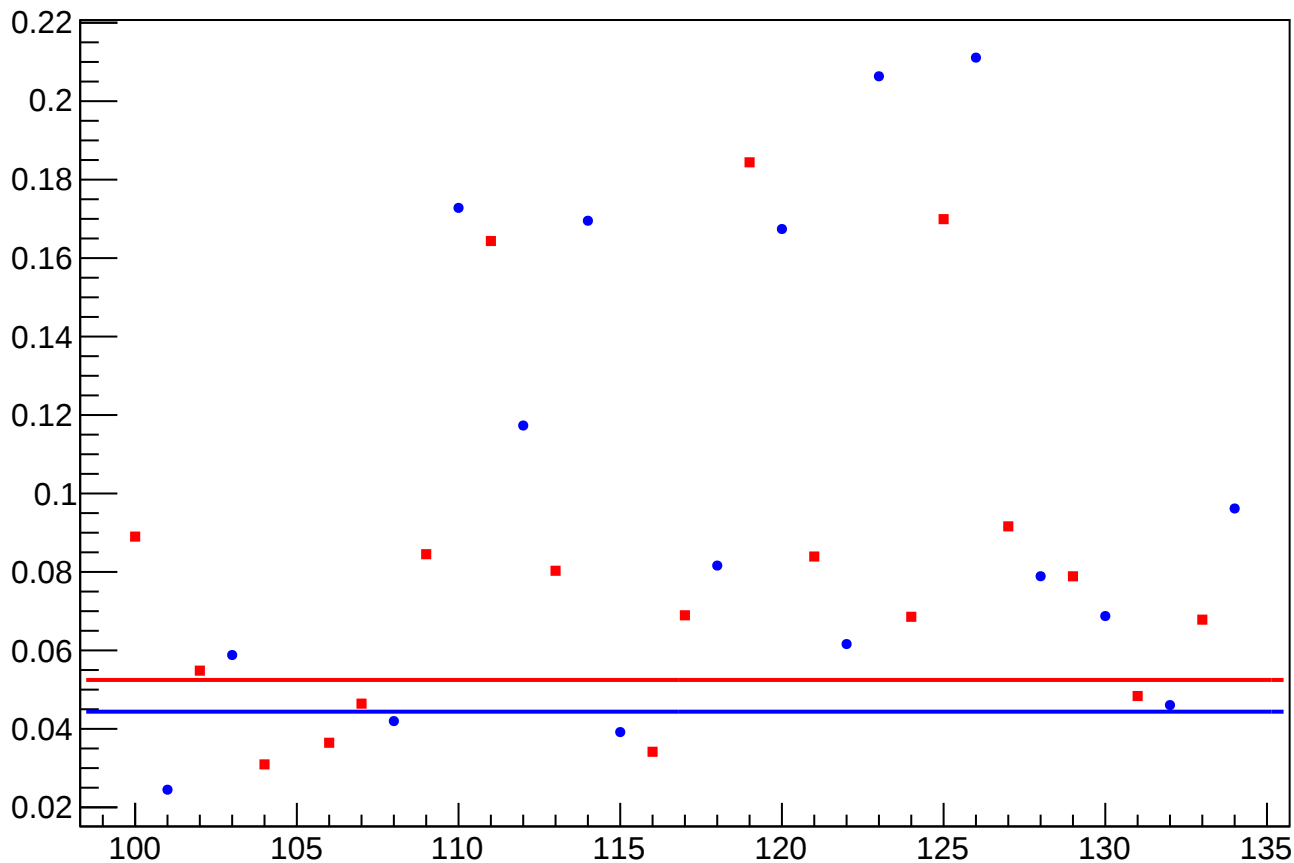
Right Out: 0.521+/-0.000 χ^2/NDF : 991556593.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.414+/-0.000 χ^2/NDF : 233390586.2/15

0.521+/-0.000 χ^2/NDF : 991556593.0/17

yield_bpm1X_rms vs Slug



Right In: 0.044+/-0.000 χ^2/NDF : 2824995.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

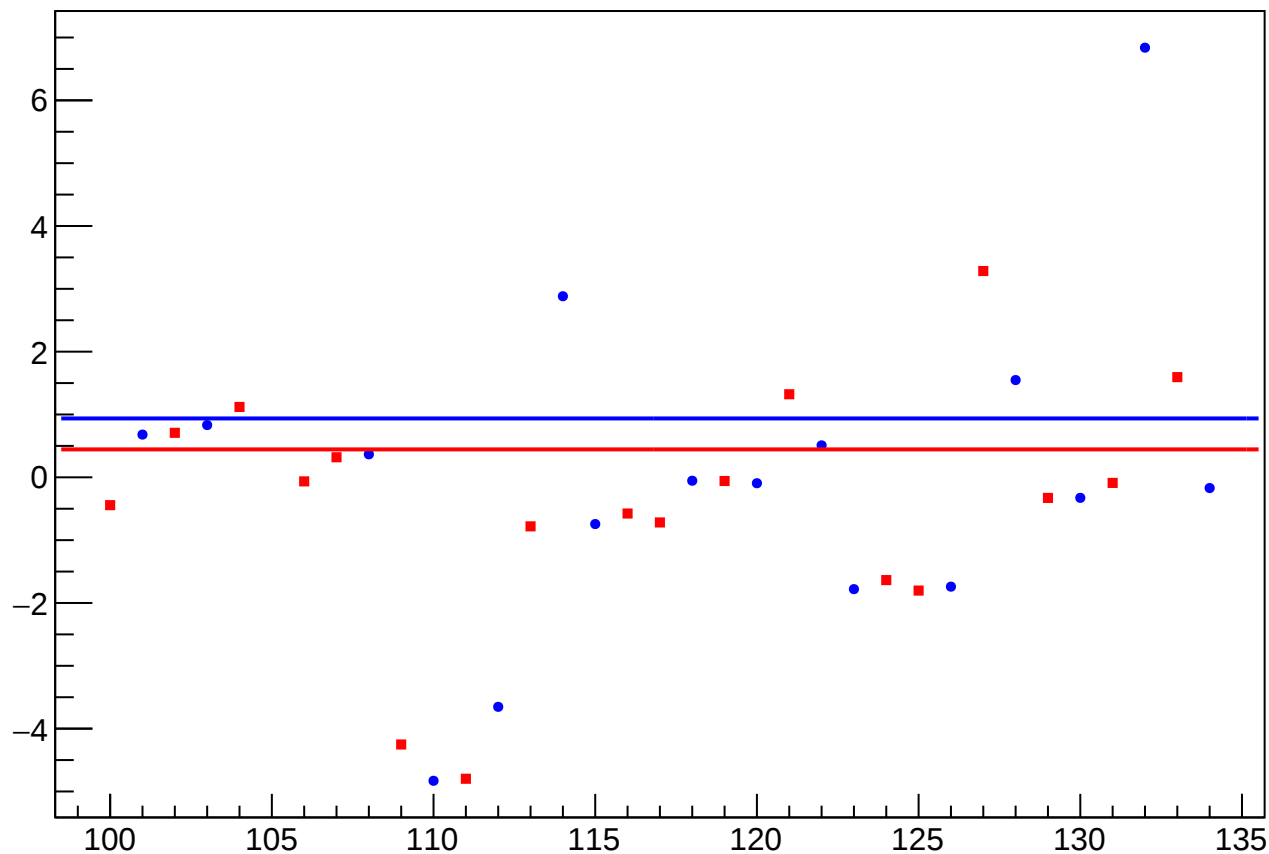
Right Out: 0.052+/-0.000 χ^2/NDF : 2183489.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2824995.4/15

0.052+/-0.000 χ^2/NDF : 2183489.3/17

yield_bpm1Y_mean vs Slug



Right In: 0.937+/-0.000 χ^2/NDF : 10073697526.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

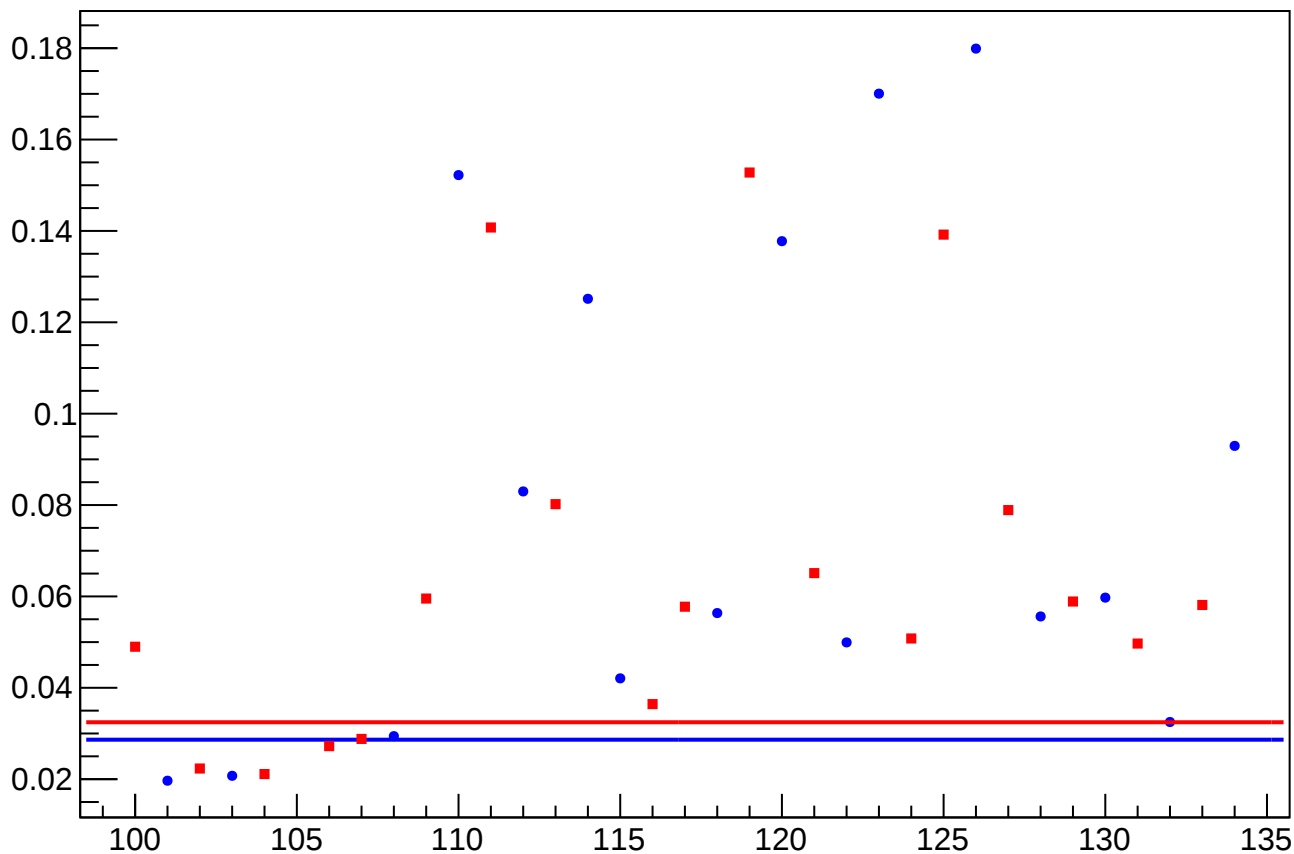
Right Out: 0.444+/-0.000 χ^2/NDF : 4489750114.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.937+/-0.000 χ^2/NDF : 10073697526.1/15

0.444+/-0.000 χ^2/NDF : 4489750114.8/17

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2958948.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

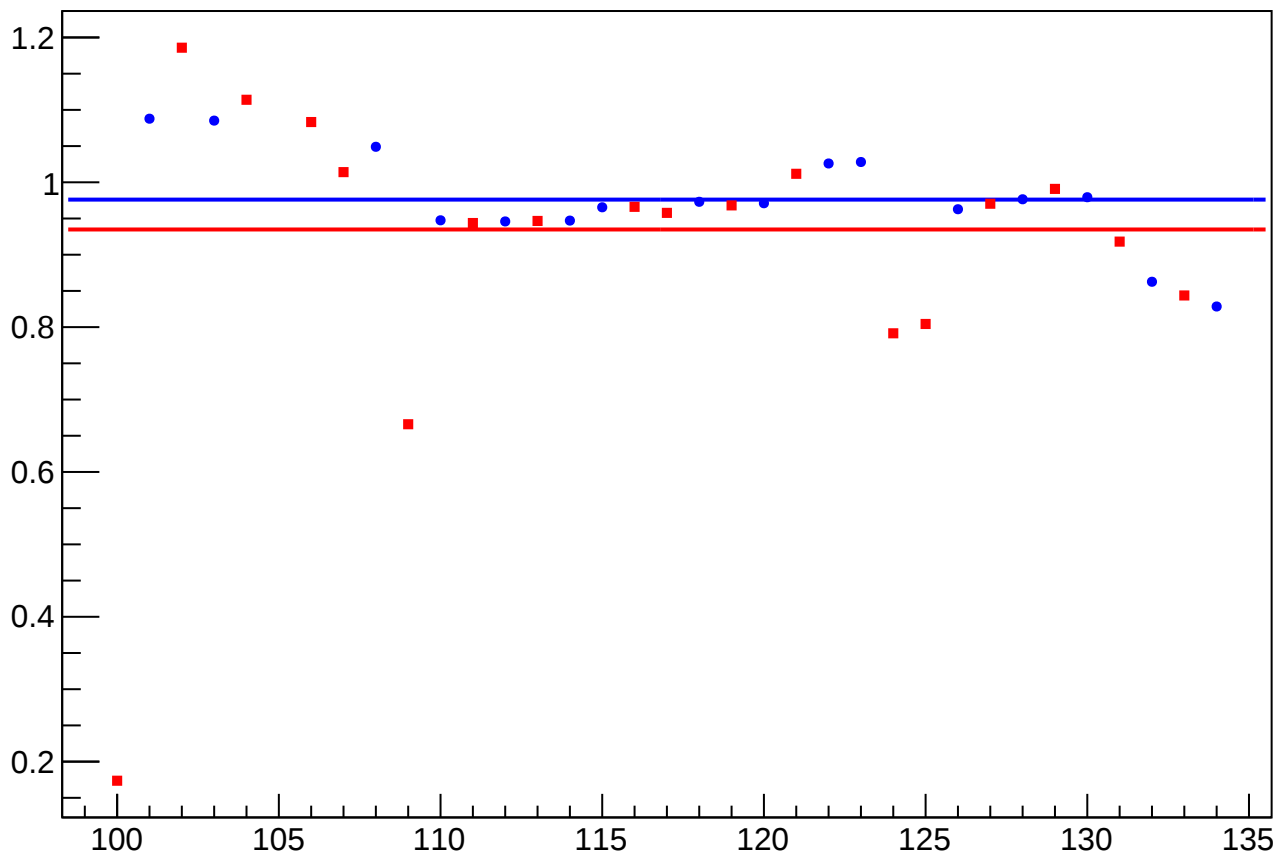
Right Out: 0.032+/-0.000 χ^2/NDF : 3007332.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 2958948.2/15

0.032+/-0.000 χ^2/NDF : 3007332.1/17

yield_bpm11X_mean vs Slug



Right In: 0.976+/-0.000 χ^2/NDF : 88919088.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

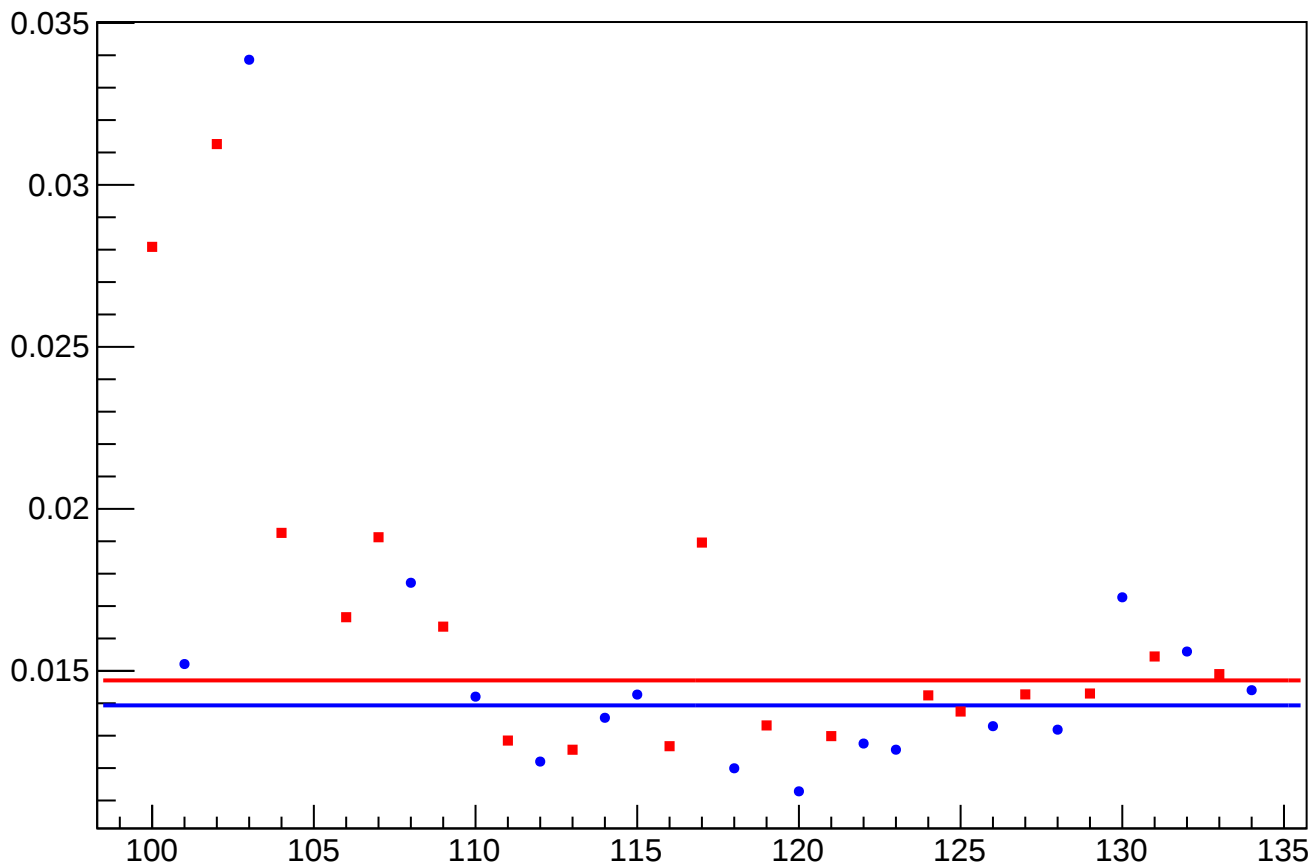
Right Out: 0.935+/-0.000 χ^2/NDF : 338376170.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.976+/-0.000 χ^2/NDF : 88919088.0/15

0.935+/-0.000 χ^2/NDF : 338376170.2/17

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 529109.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

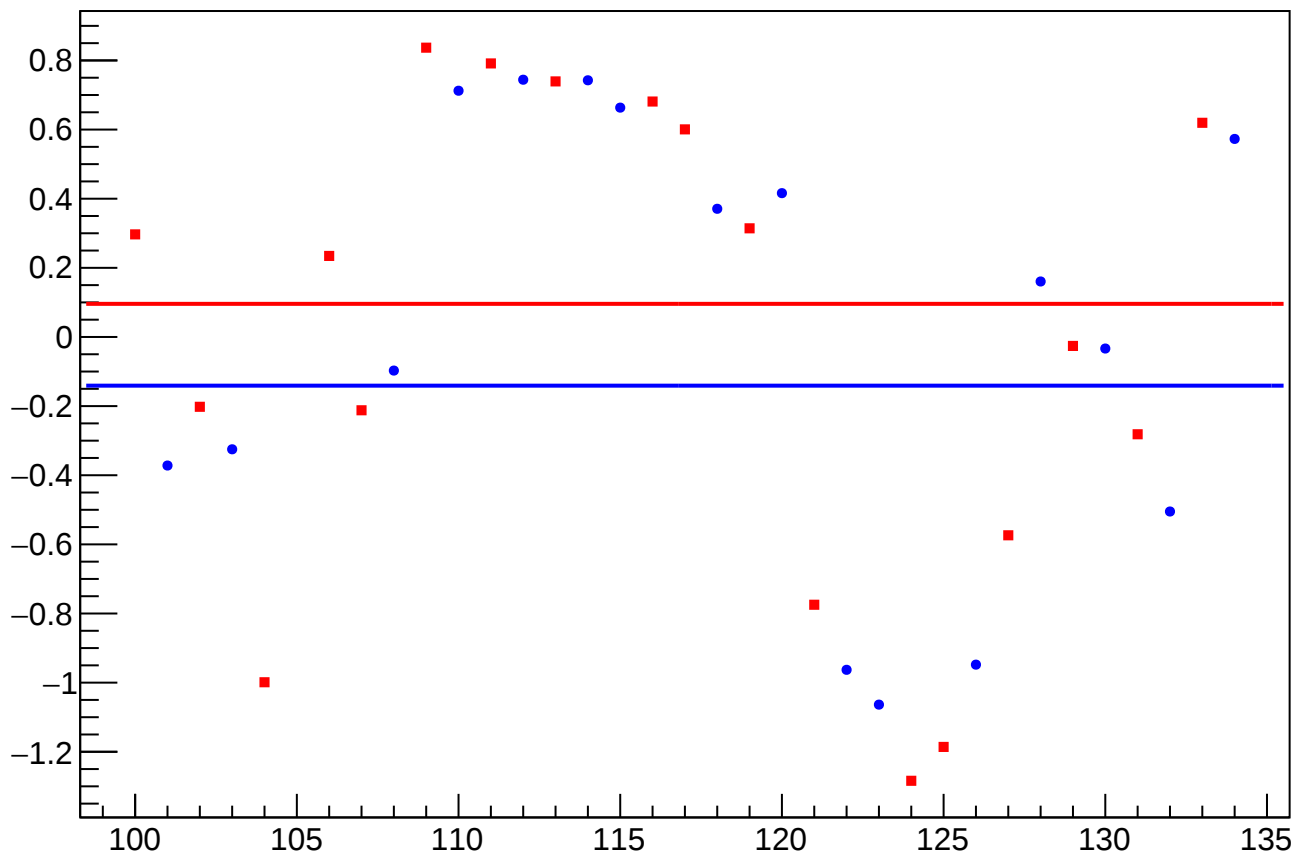
Right Out: 0.015+/-0.000 χ^2/NDF : 474378.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 529109.4/15

0.015+/-0.000 χ^2/NDF : 474378.0/17

yield_bpm11Y_mean vs Slug



Right In: -0.141+/-0.000 χ^2/NDF : 4991905887.7/15

-0.141+/-0.000 χ^2/NDF : 4991905887.7/15

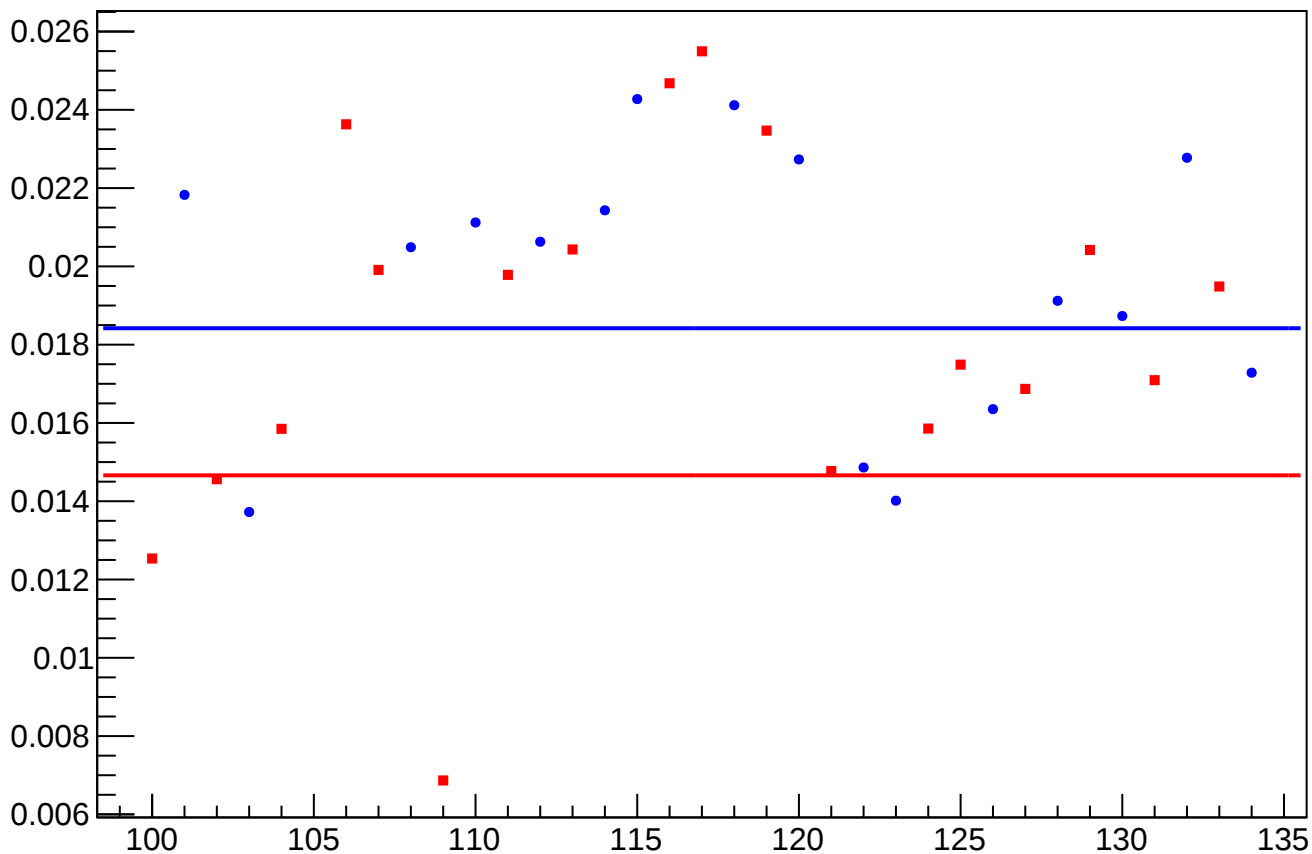
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.000 χ^2/NDF : 12247586624.2/17

0.096+/-0.000 χ^2/NDF : 12247586624.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 366021.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

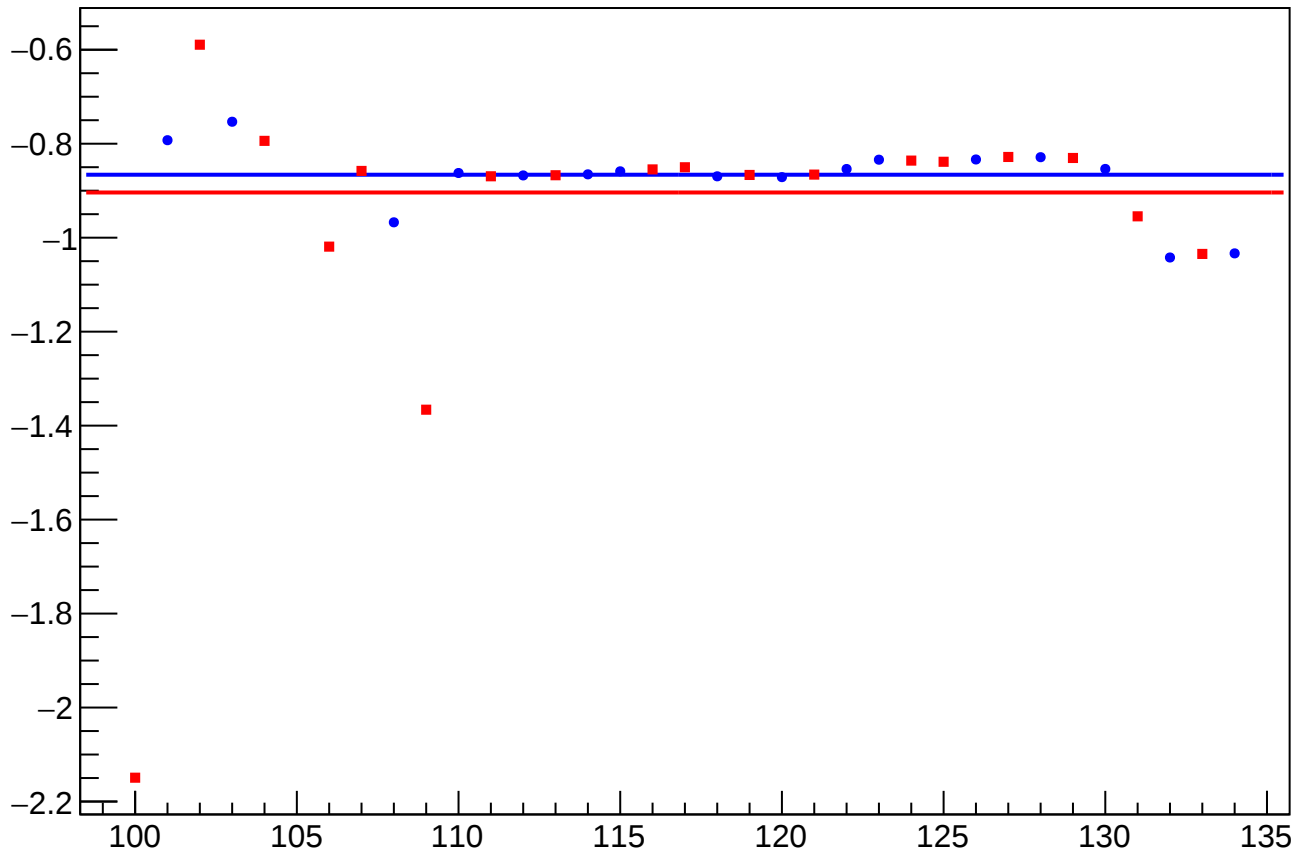
Right Out: 0.015+/-0.000 χ^2/NDF : 1463983.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 366021.1/15

0.015+/-0.000 χ^2/NDF : 1463983.1/17

yield_bpm12X_mean vs Slug



Right In: -0.866+/-0.000 χ^2/NDF : 19856264.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

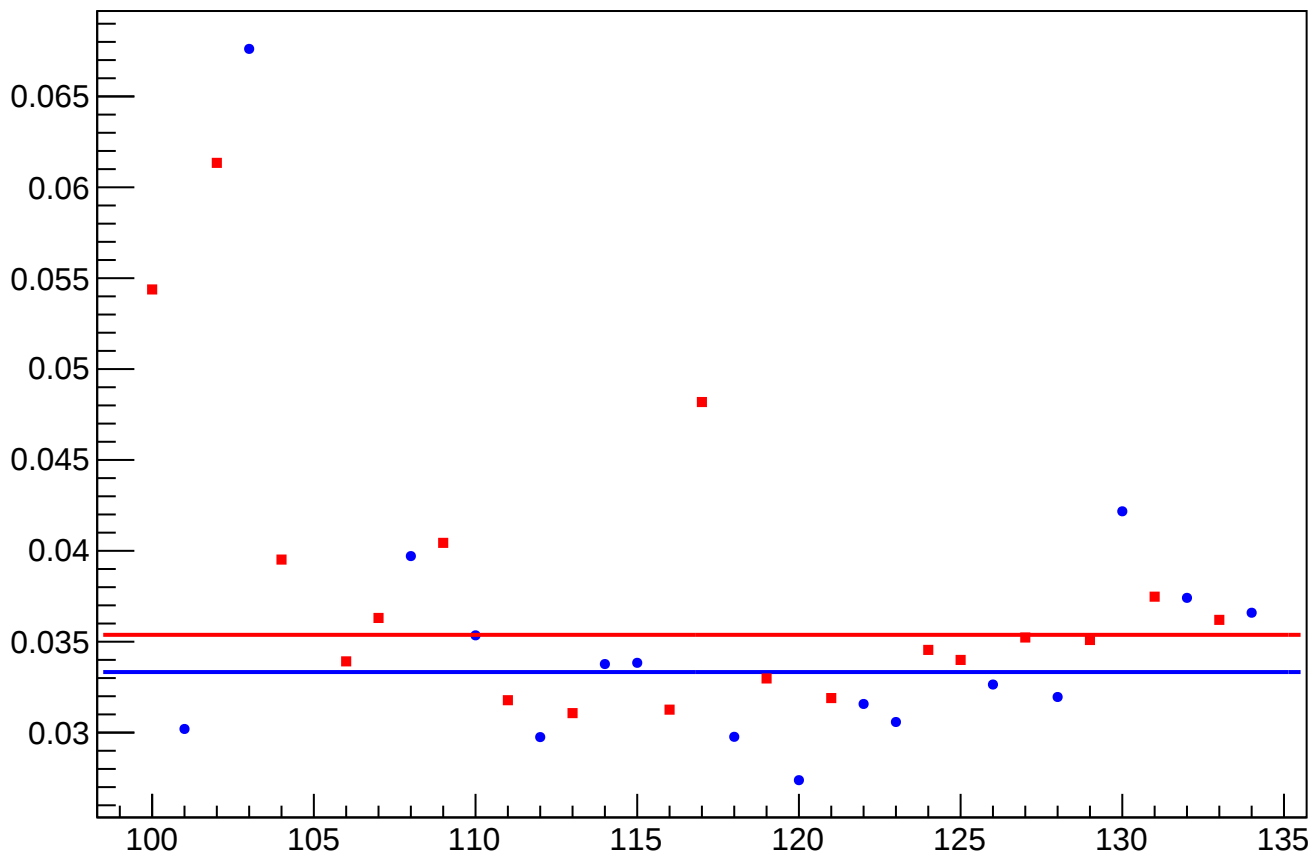
Right Out: -0.904+/-0.000 χ^2/NDF : 120305472.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.866+/-0.000 χ^2/NDF : 19856264.0/15

-0.904+/-0.000 χ^2/NDF : 120305472.9/17

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 404730.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

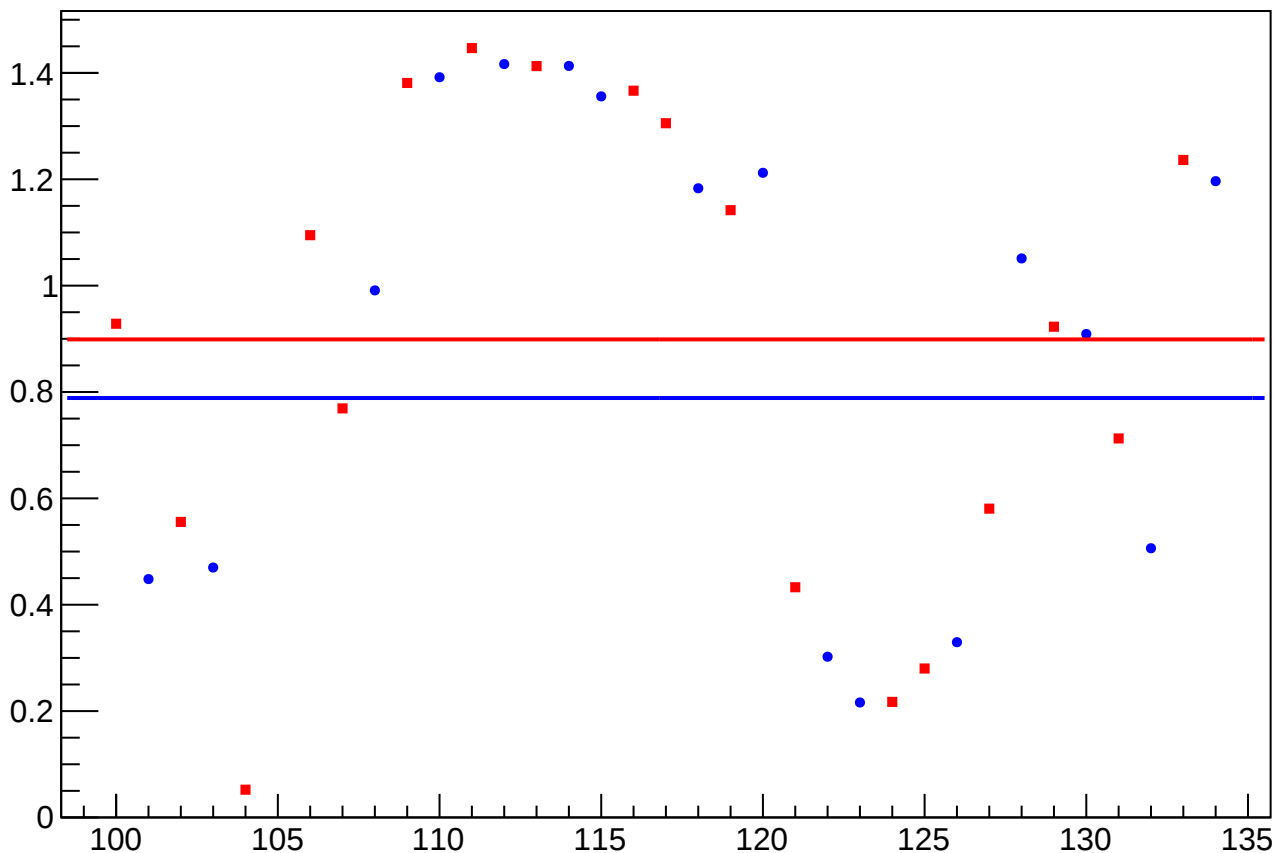
Right Out: 0.035+/-0.000 χ^2/NDF : 265505.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 404730.9/15

0.035+/-0.000 χ^2/NDF : 265505.3/17

yield_bpm12Y_mean vs Slug



Right In: 0.789+/-0.000 χ^2/NDF : 5631866080.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

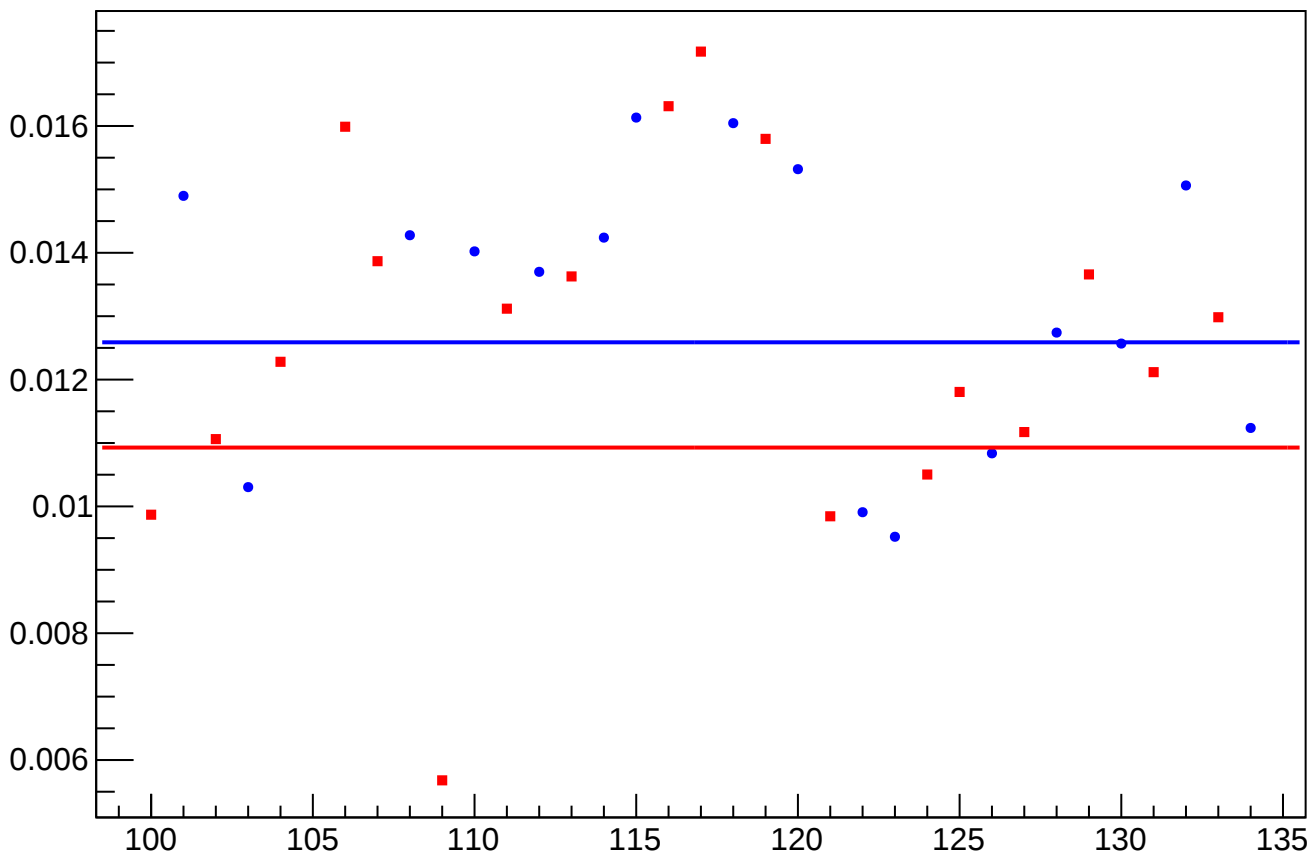
Right Out: 0.899+/-0.000 χ^2/NDF : 9556497305.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.789+/-0.000 χ^2/NDF : 5631866080.4/15

0.899+/-0.000 χ^2/NDF : 9556497305.0/17

yield_bpm12Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 286530.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

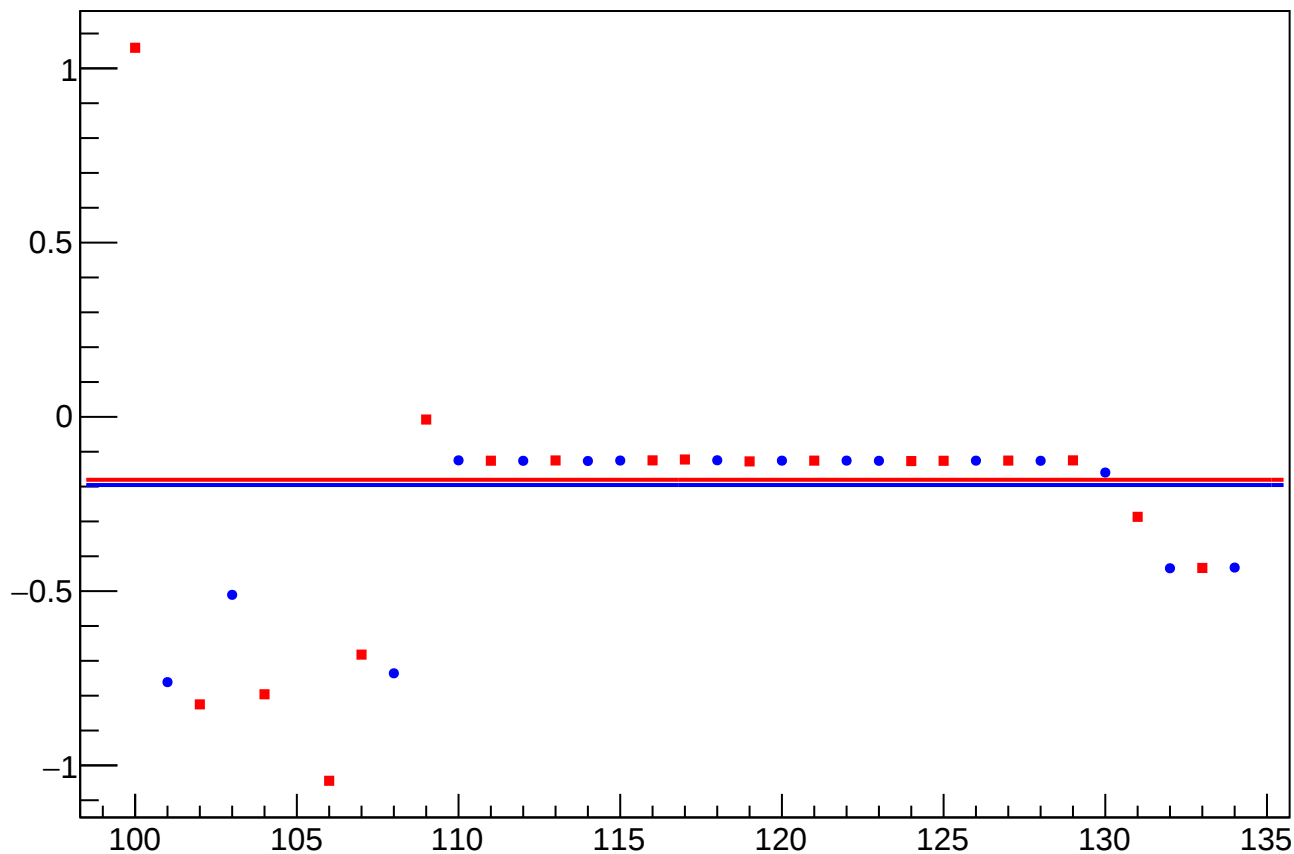
Right Out: 0.011+/-0.000 χ^2/NDF : 918946.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 286530.8/15

0.011+/-0.000 χ^2/NDF : 918946.6/17

yield_bpm16X_mean vs Slug



Right In: -0.196+/-0.000 χ^2/NDF : 527141771.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

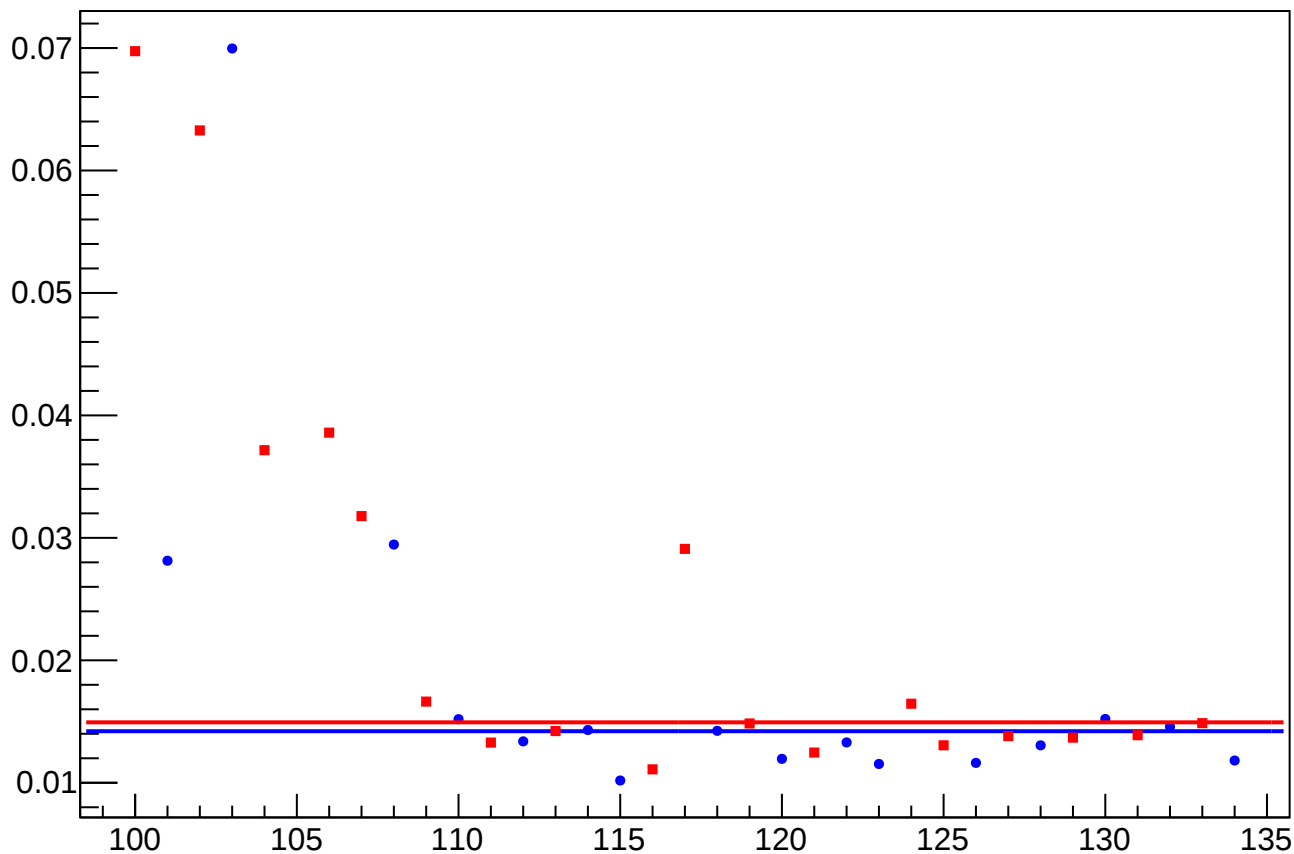
Right Out: -0.181+/-0.000 χ^2/NDF : 565474202.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.196+/-0.000 χ^2/NDF : 527141771.2/15

-0.181+/-0.000 χ^2/NDF : 565474202.2/17

yield_bpm16X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1197306.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

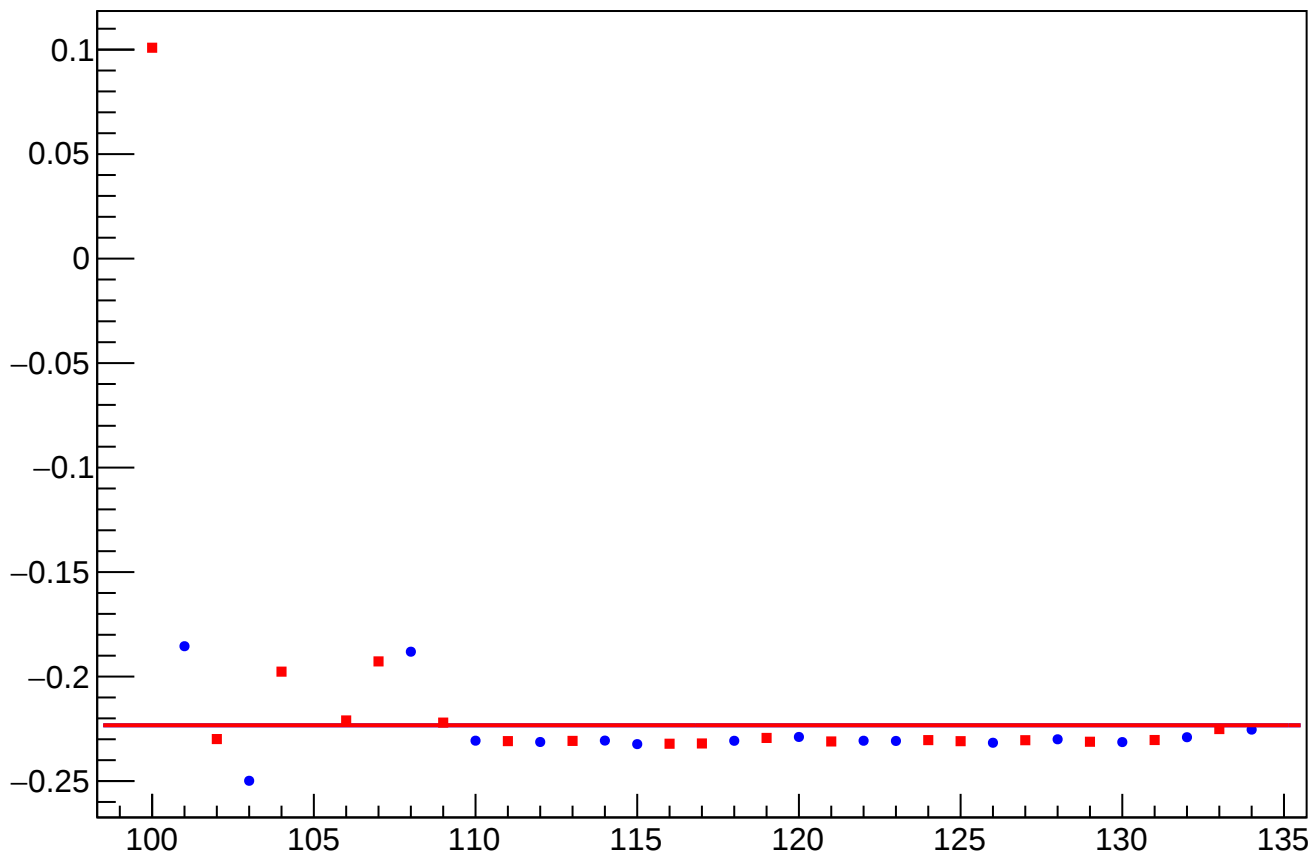
Right Out: 0.015+/-0.000 χ^2/NDF : 1368090.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1197306.1/15

0.015+/-0.000 χ^2/NDF : 1368090.7/17

yield_bpm16Y_mean vs Slug



Right In: -0.223+/-0.000 χ^2/NDF : 74128218.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

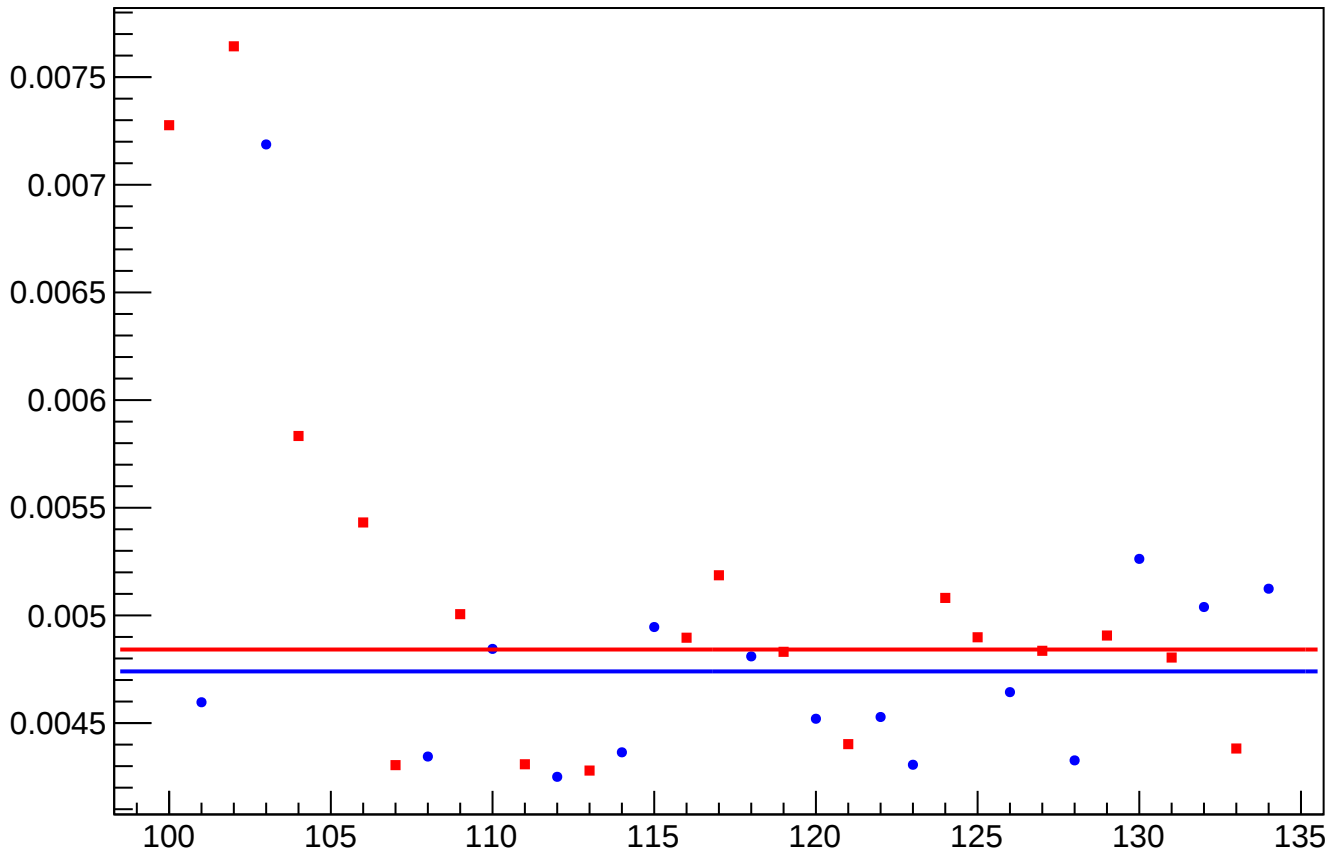
Right Out: -0.223+/-0.000 χ^2/NDF : 168033001.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 74128218.8/15

-0.223+/-0.000 χ^2/NDF : 168033001.4/17

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 168963.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

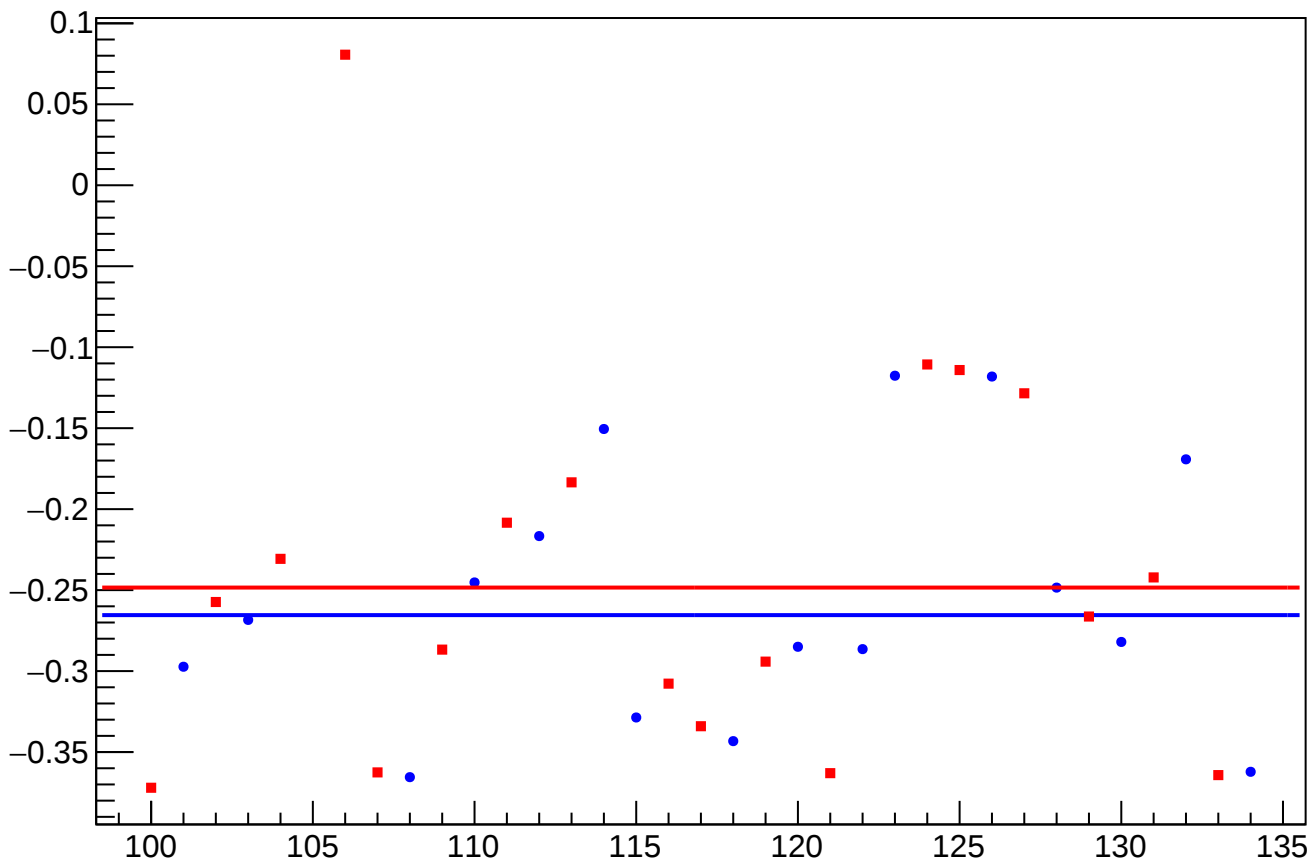
Right Out: 0.005+/-0.000 χ^2/NDF : 236399.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 168963.7/15

0.005+/-0.000 χ^2/NDF : 236399.0/17

yield_bpm0i02X_mean vs Slug



Right In: -0.265+/-0.000 χ^2/NDF : 583504586.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

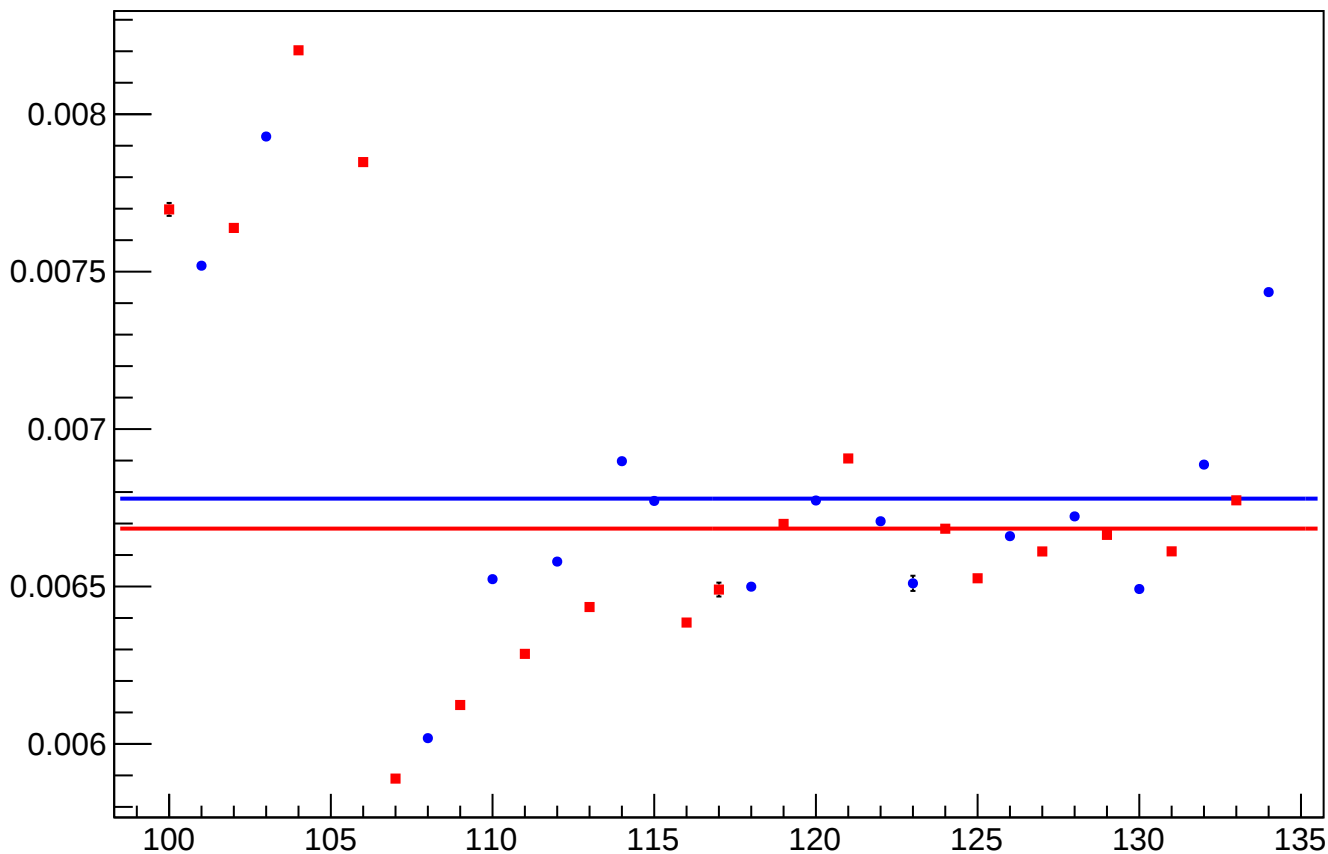
Right Out: -0.248+/-0.000 χ^2/NDF : 1200871500.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.265+/-0.000 χ^2/NDF : 583504586.4/15

-0.248+/-0.000 χ^2/NDF : 1200871500.9/17

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 56374.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

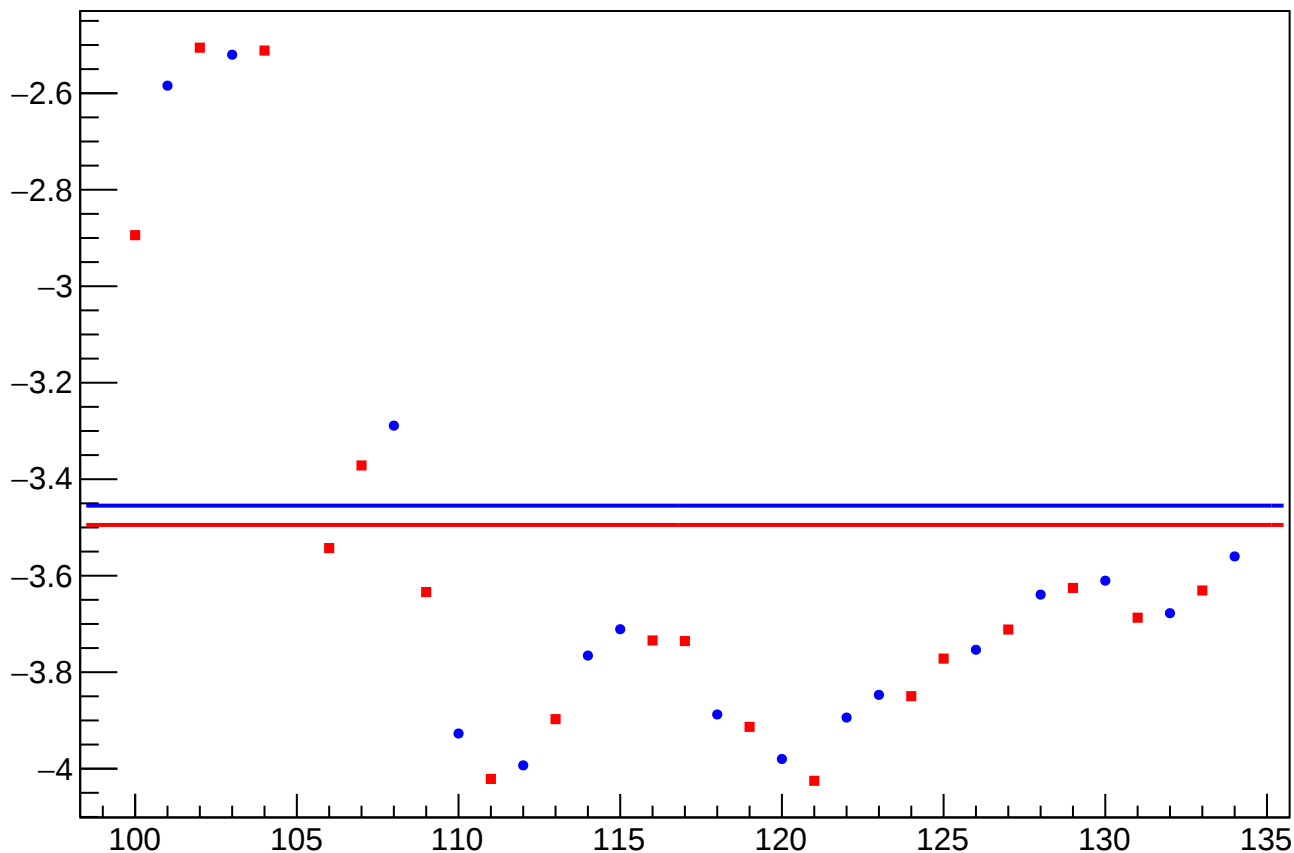
Right Out: 0.007+/-0.000 χ^2/NDF : 89441.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 56374.2/15

0.007+/-0.000 χ^2/NDF : 89441.8/17

yield_bpm0i02Y_mean vs Slug



Right In: -3.455 ± 0.000 $\chi^2/\text{NDF}: 26415934735.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

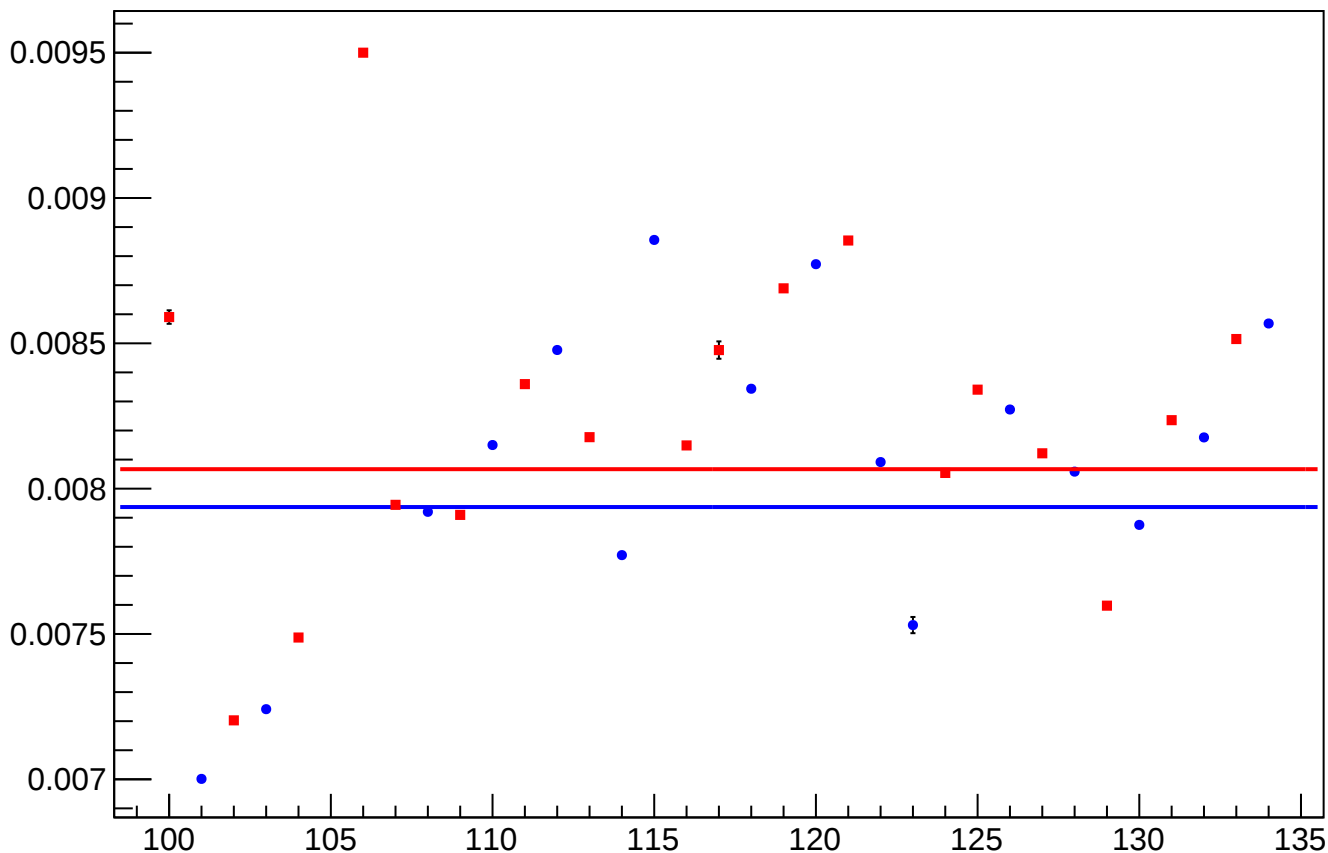
Right Out: -3.495 ± 0.000 $\chi^2/\text{NDF}: 25591353461.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.455 ± 0.000 $\chi^2/\text{NDF}: 26415934735.8/15$

-3.495 ± 0.000 $\chi^2/\text{NDF}: 25591353461.1/17$

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 50696.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

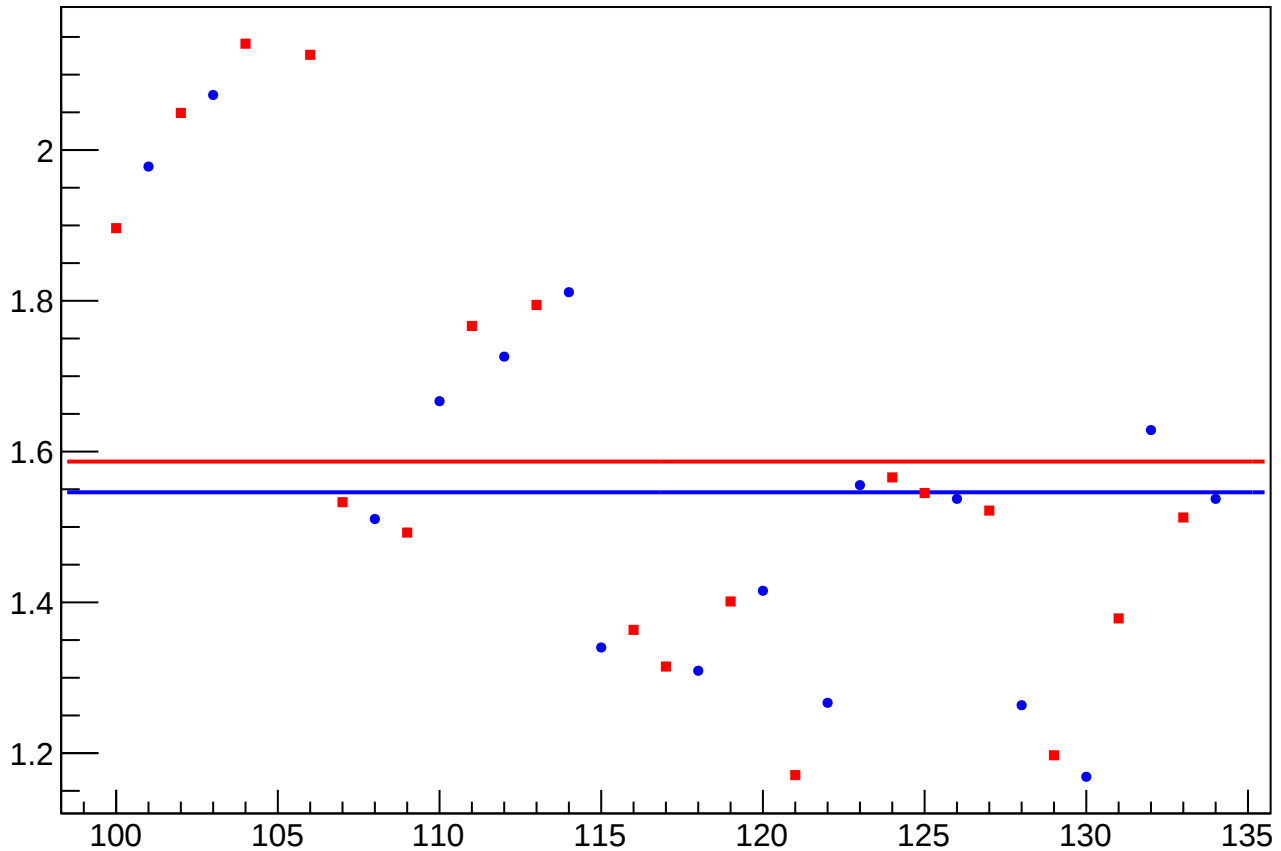
Right Out: 0.008+/-0.000 χ^2/NDF : 47702.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 50696.1/15

0.008+/-0.000 χ^2/NDF : 47702.6/17

yield_bpm0i02aX_mean vs Slug



Right In: 1.546+/-0.000 χ^2/NDF : 2871996520.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

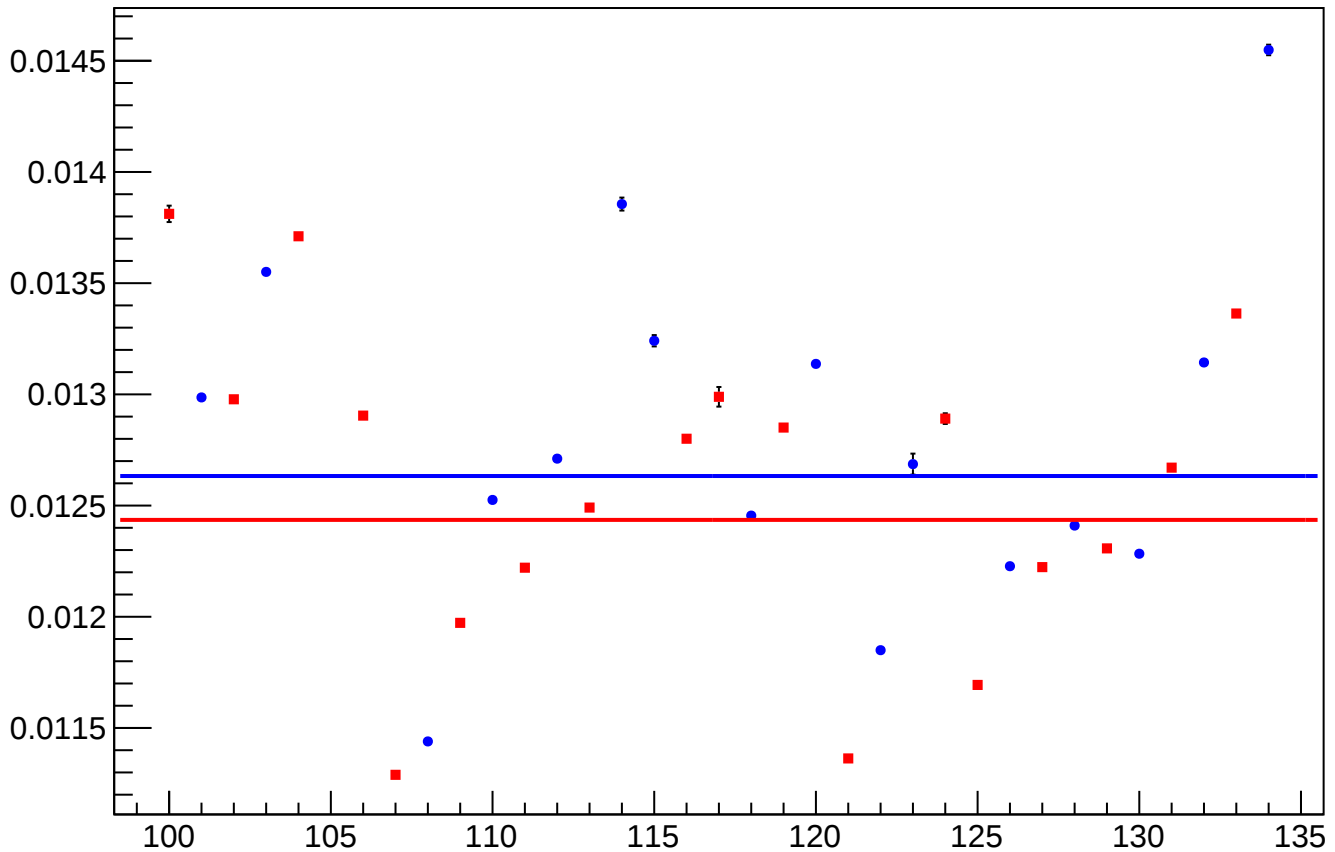
Right Out: 1.587+/-0.000 χ^2/NDF : 3340773913.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.546+/-0.000 χ^2/NDF : 2871996520.8/15

1.587+/-0.000 χ^2/NDF : 3340773913.8/17

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 30851.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

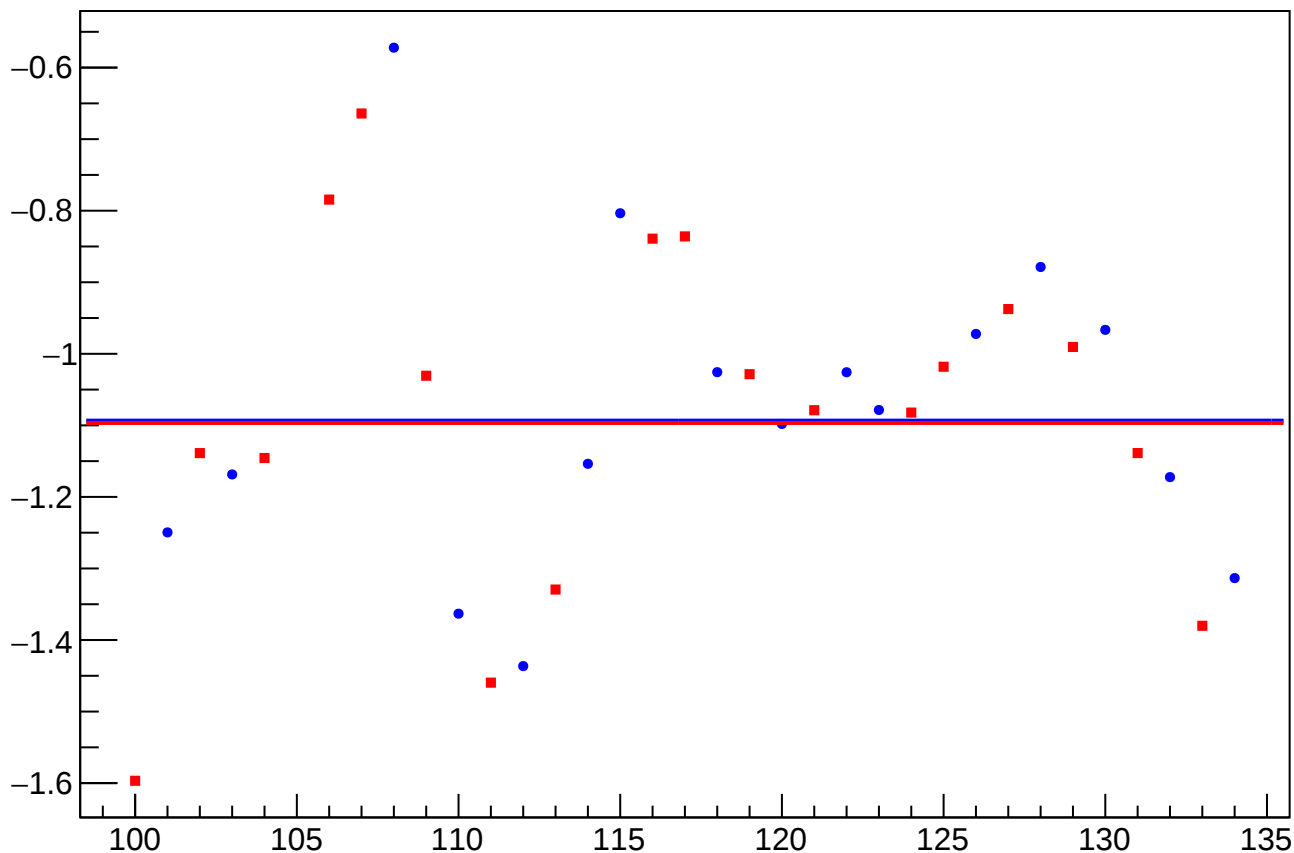
Right Out: 0.012+/-0.000 χ^2/NDF : 37365.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 30851.7/15

0.012+/-0.000 χ^2/NDF : 37365.0/17

yield_bpm0i02aY_mean vs Slug



Right In: -1.093+/-0.000 χ^2/NDF : 2931069222.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

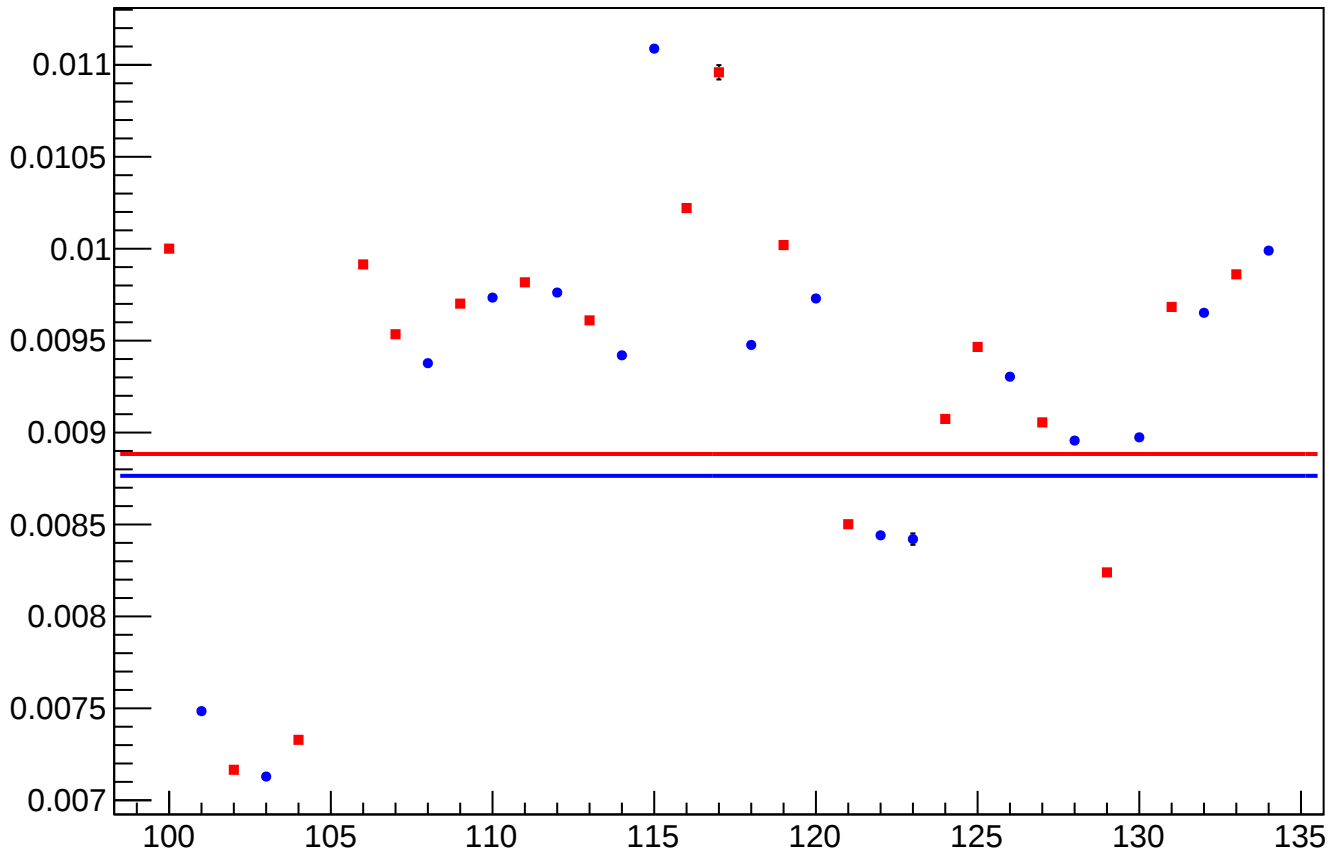
Right Out: -1.097+/-0.000 χ^2/NDF : 2665425569.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.093+/-0.000 χ^2/NDF : 2931069222.2/15

-1.097+/-0.000 χ^2/NDF : 2665425569.5/17

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 150217.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

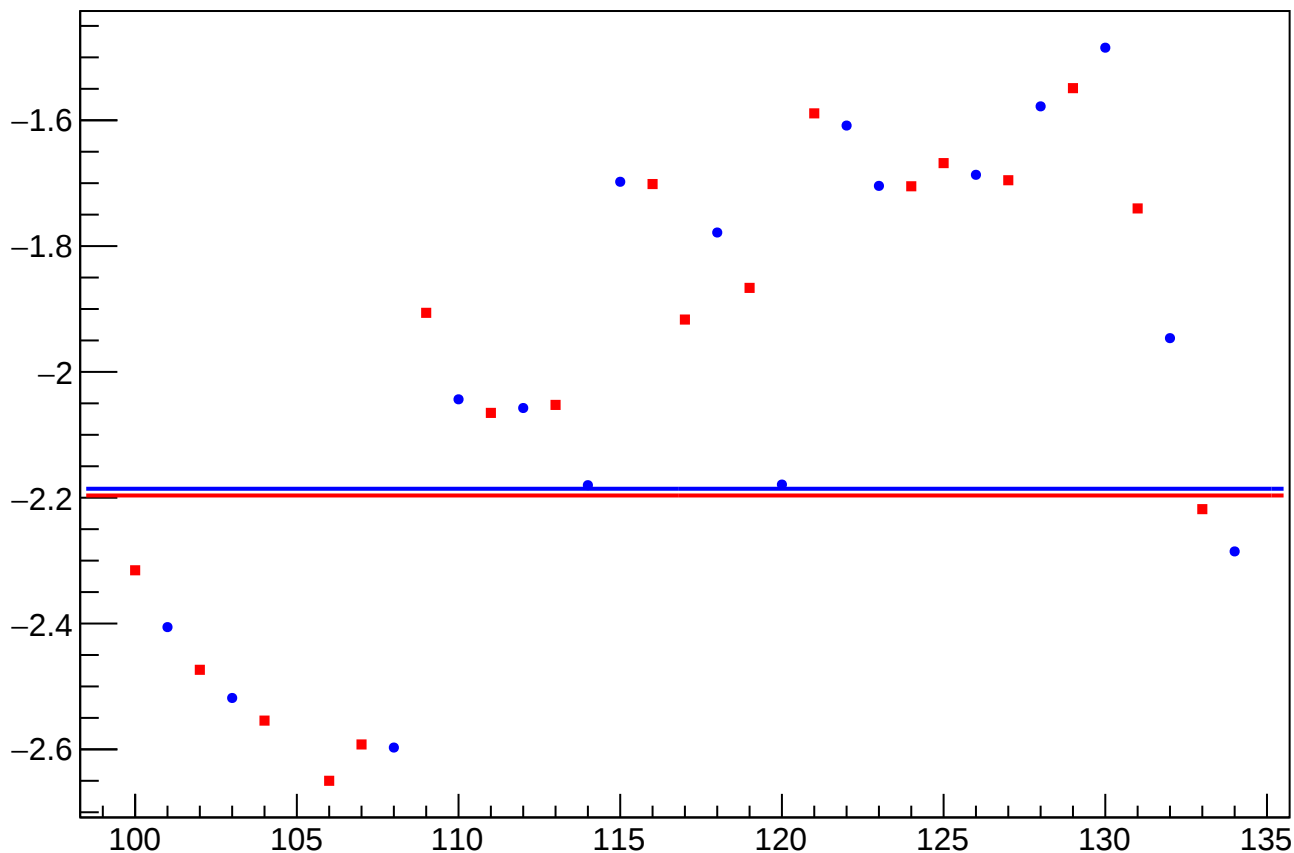
Right Out: 0.009+/-0.000 χ^2/NDF : 175147.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 150217.1/15

0.009+/-0.000 χ^2/NDF : 175147.2/17

yield_bpm0i05X_mean vs Slug



Right In: -2.186+/-0.000 χ^2/NDF : 12163521094.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

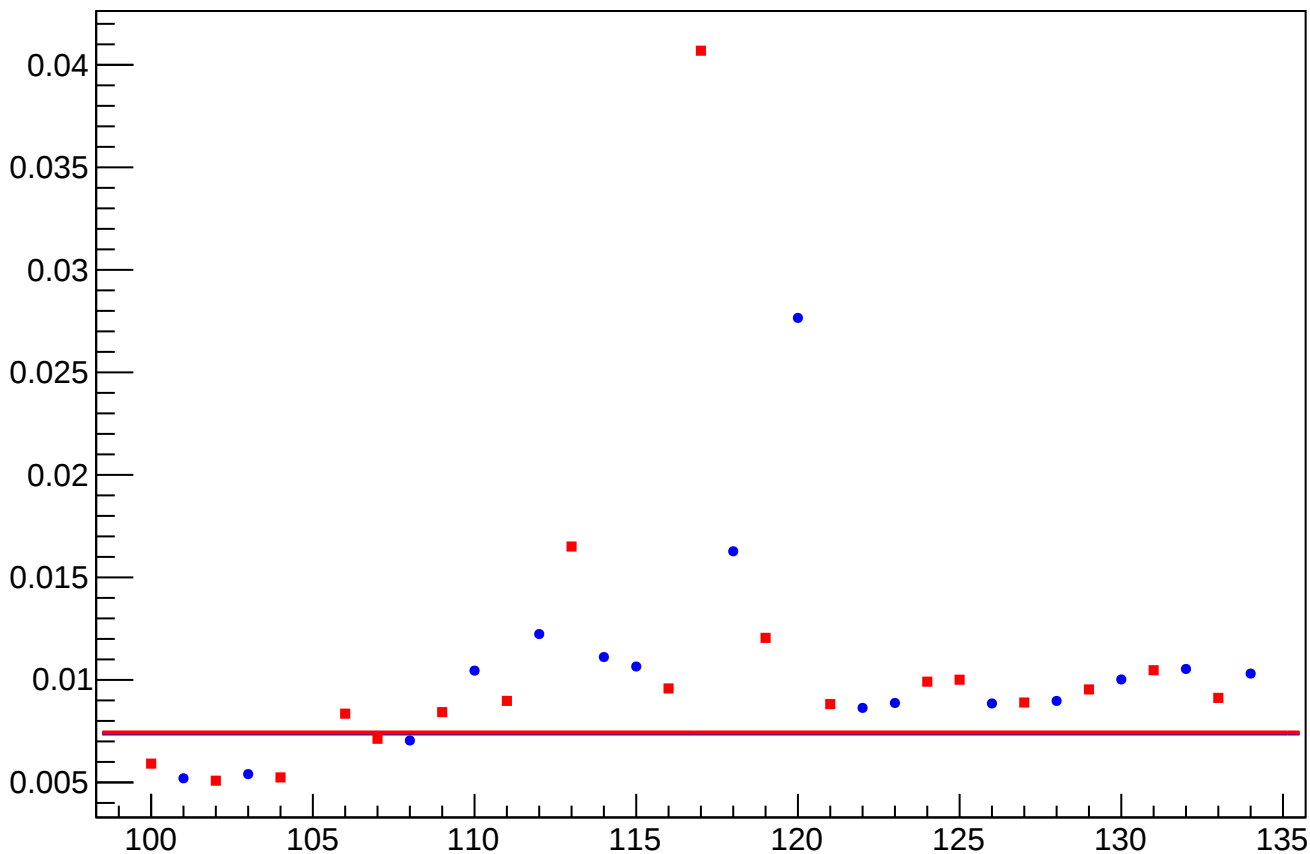
Right Out: -2.196+/-0.000 χ^2/NDF : 13198688195.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.186+/-0.000 χ^2/NDF : 12163521094.8/15

-2.196+/-0.000 χ^2/NDF : 13198688195.2/17

yield_bpm0i05X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1177971.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

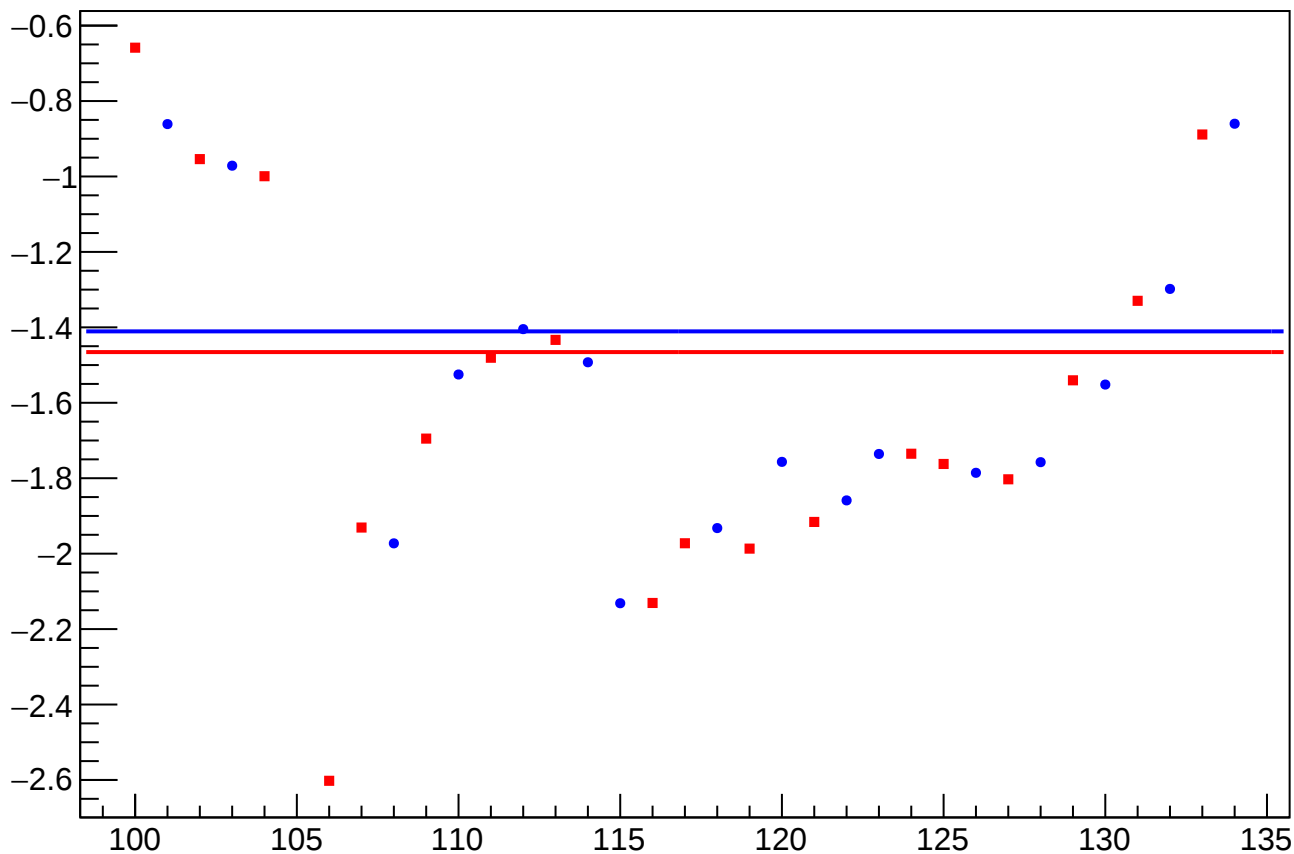
Right Out: 0.007+/-0.000 χ^2/NDF : 973013.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 1177971.1/15

0.007+/-0.000 χ^2/NDF : 973013.1/17

yield_bpm0i05Y_mean vs Slug



Right In: -1.411+/-0.000 χ^2/NDF : 19327714245.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

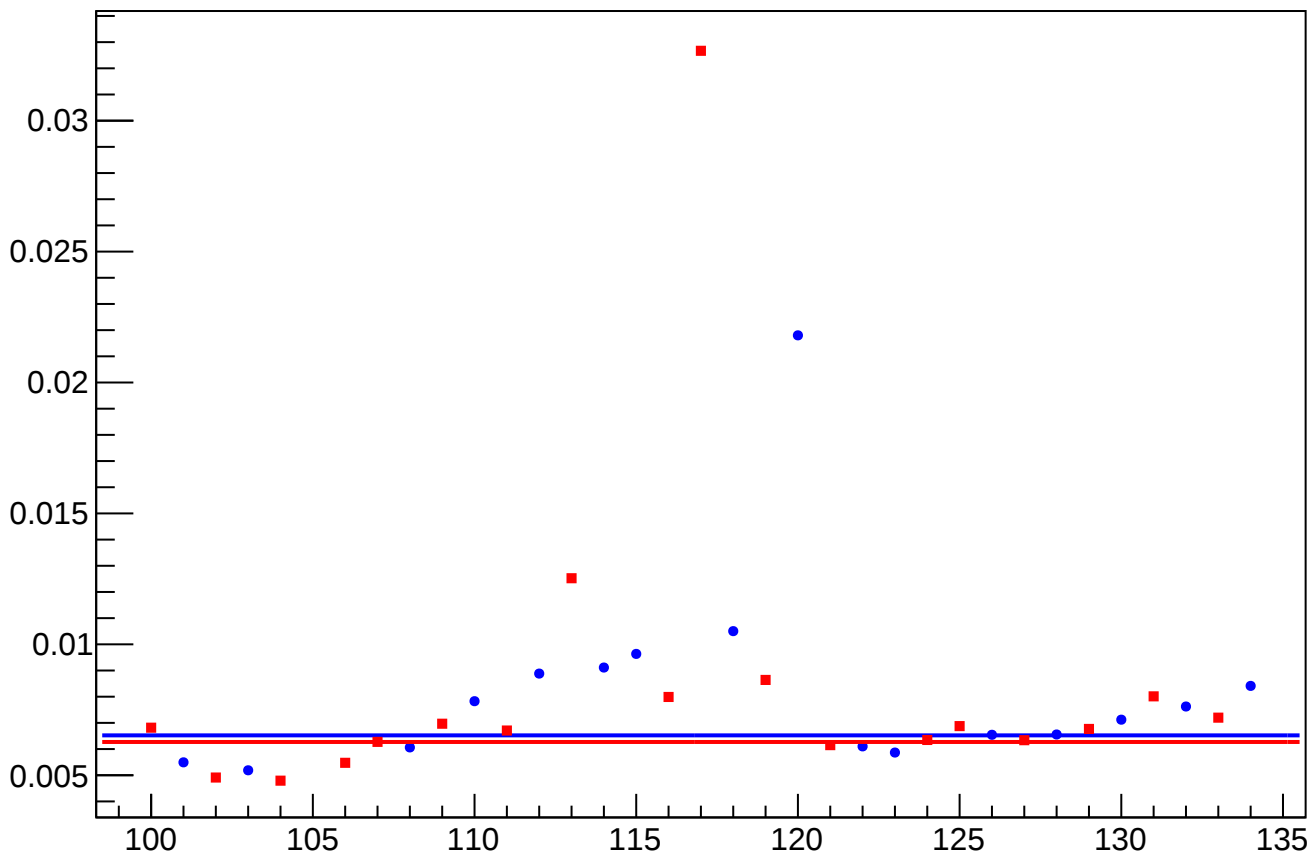
Right Out: -1.466+/-0.000 χ^2/NDF : 27846952111.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.411+/-0.000 χ^2/NDF : 19327714245.9/15

-1.466+/-0.000 χ^2/NDF : 27846952111.1/17

yield_bpm0i05Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 569634.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

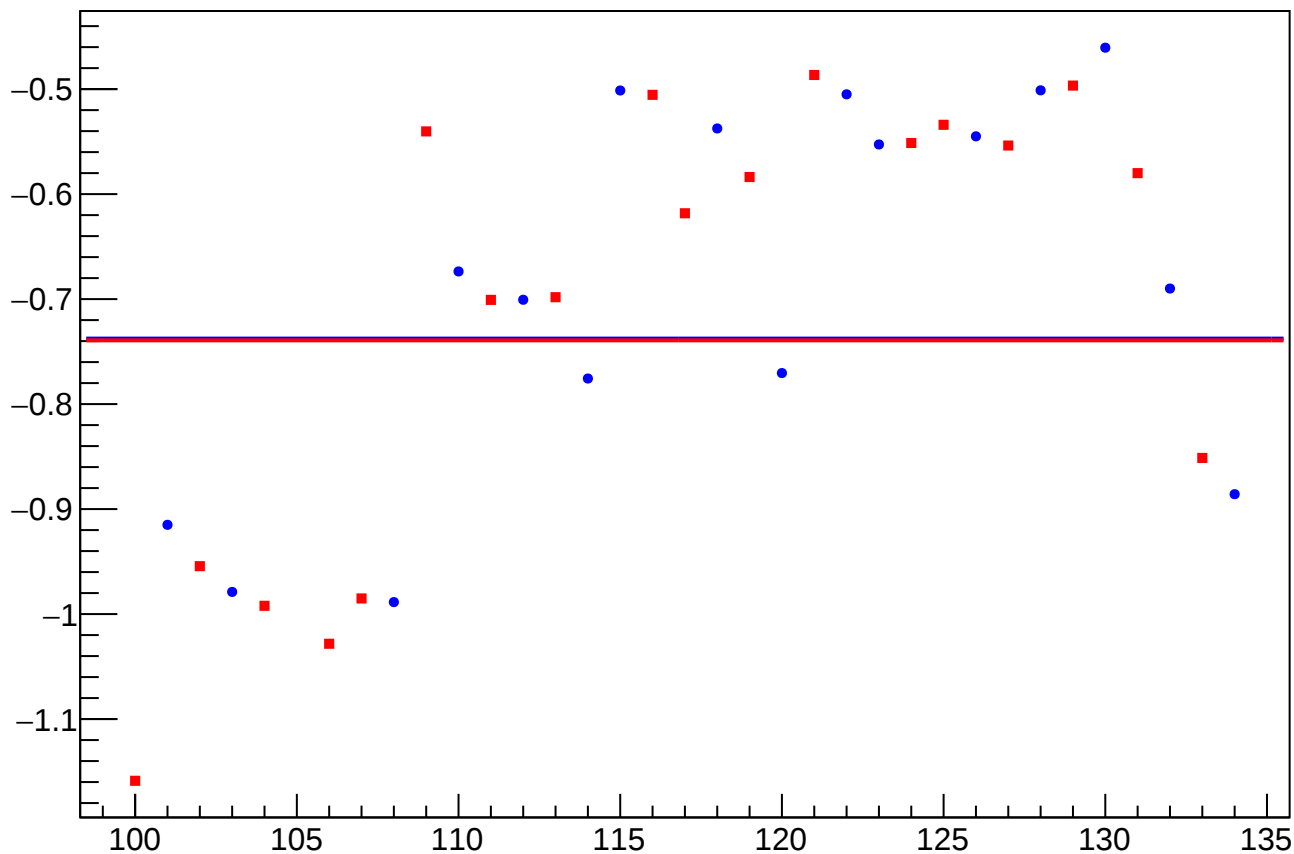
Right Out: 0.006+/-0.000 χ^2/NDF : 468056.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 569634.9/15

0.006+/-0.000 χ^2/NDF : 468056.5/17

yield_bpm0i07X_mean vs Slug



Right In: -0.738+/-0.000 χ^2/NDF : 7409372612.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

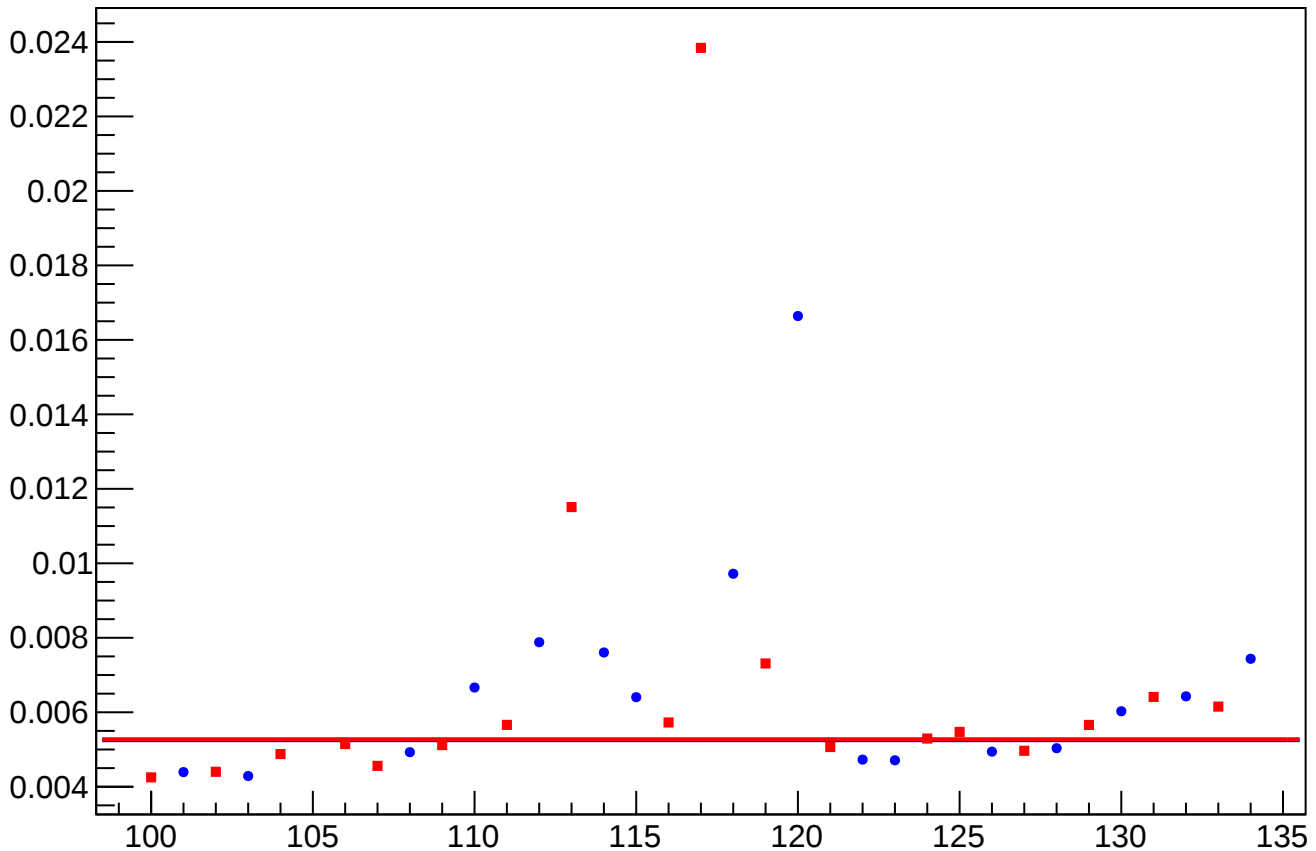
Right Out: -0.739+/-0.000 χ^2/NDF : 8934217778.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.738+/-0.000 χ^2/NDF : 7409372612.6/15

-0.739+/-0.000 χ^2/NDF : 8934217778.5/17

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 662616.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

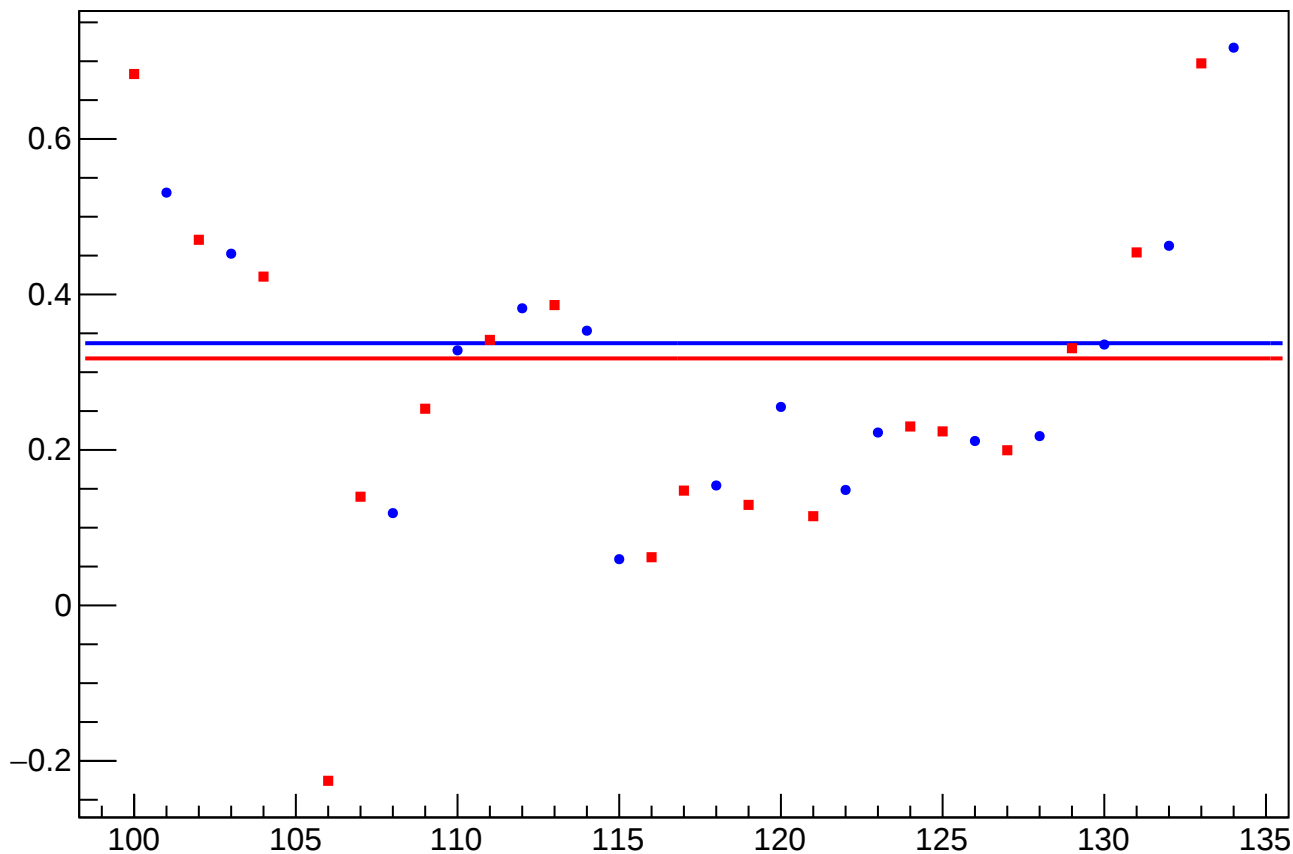
Right Out: 0.005+/-0.000 χ^2/NDF : 384214.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 662616.8/15

0.005+/-0.000 χ^2/NDF : 384214.8/17

yield_bpm0i07Y_mean vs Slug



Right In: 0.337+/-0.000 χ^2/NDF : 7088467777.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

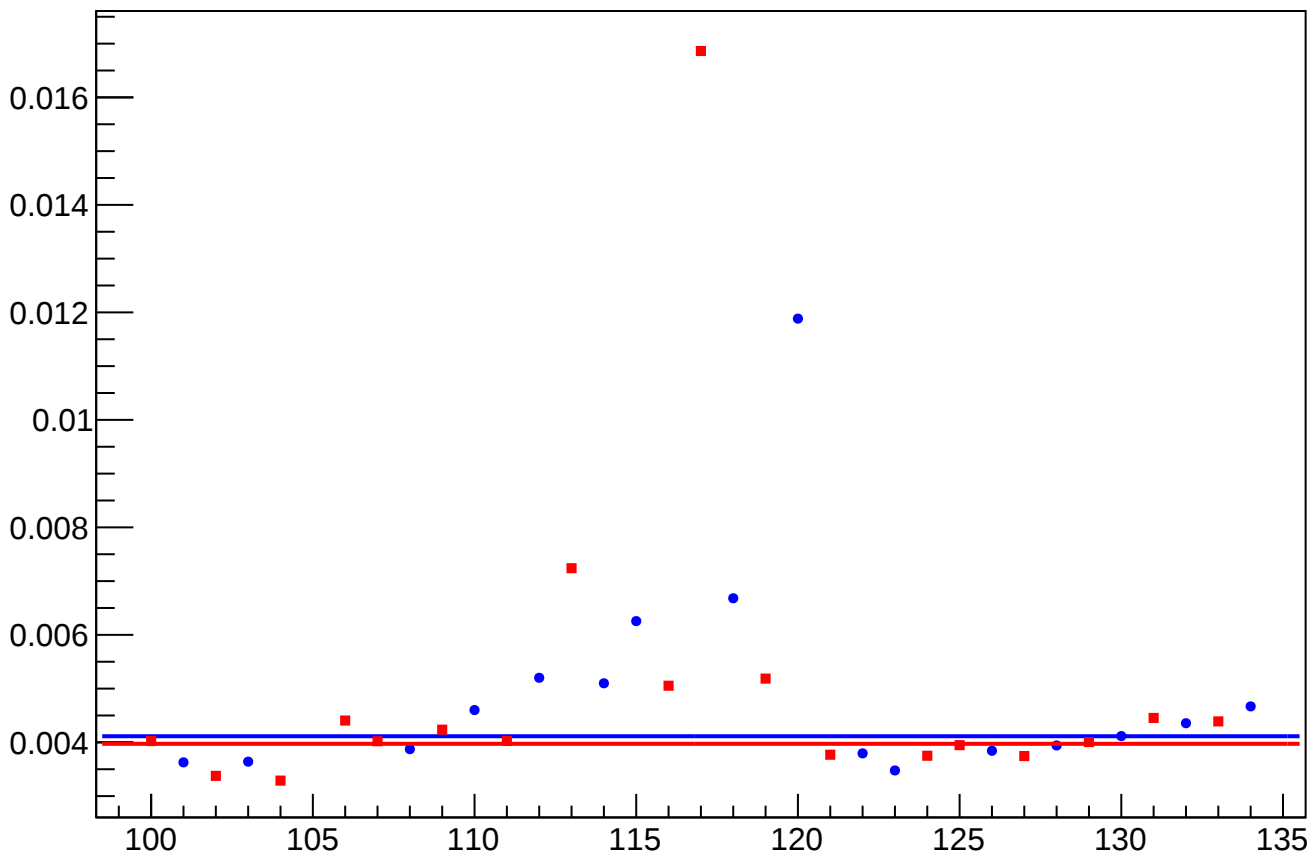
Right Out: 0.318+/-0.000 χ^2/NDF : 11122665793.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.337+/-0.000 χ^2/NDF : 7088467777.3/15

0.318+/-0.000 χ^2/NDF : 11122665793.5/17

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 442484.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

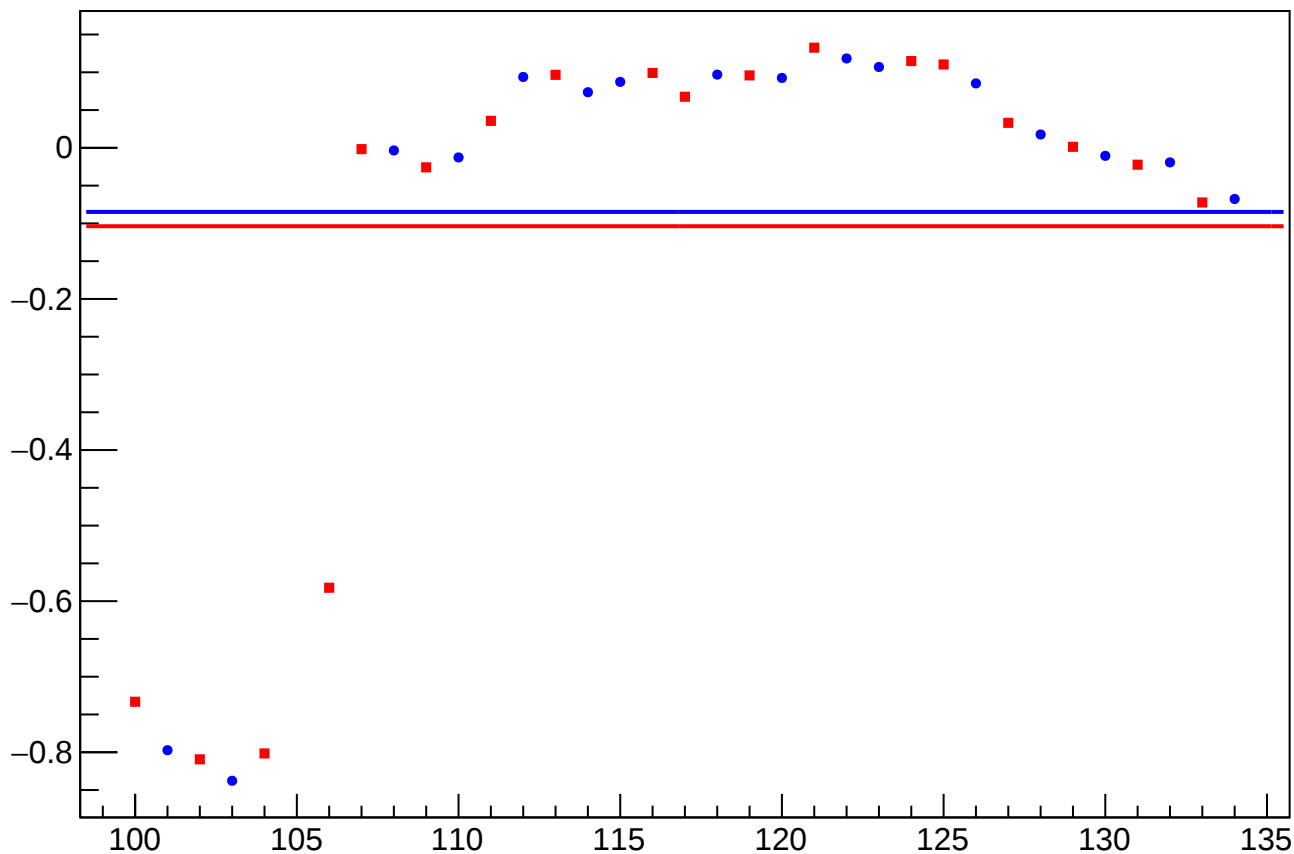
Right Out: 0.004+/-0.000 χ^2/NDF : 300080.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 442484.7/15

0.004+/-0.000 χ^2/NDF : 300080.6/17

yield_bpm1i02X_mean vs Slug



Right In: -0.085+/-0.000 χ^2/NDF : 4988452374.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

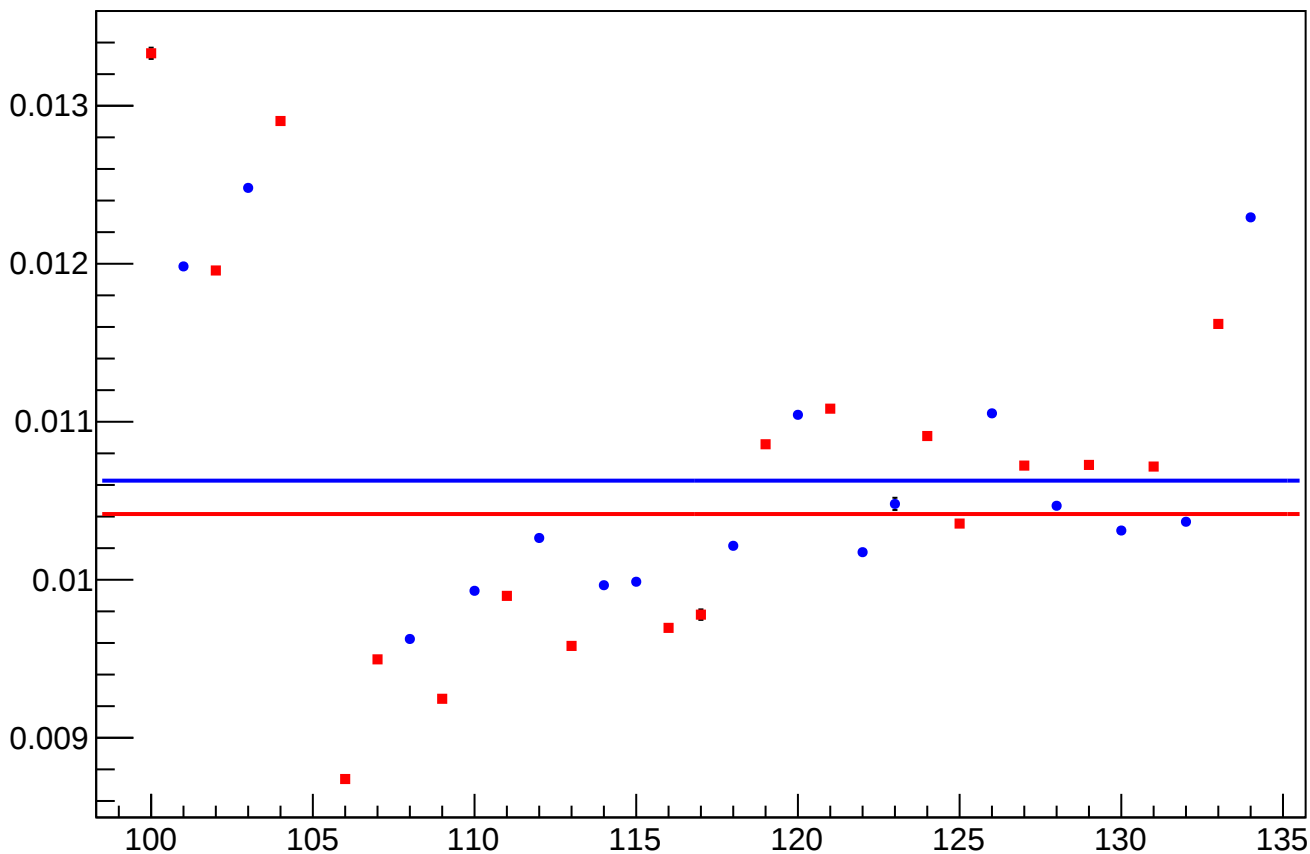
Right Out: -0.104+/-0.000 χ^2/NDF : 5561794643.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.085+/-0.000 χ^2/NDF : 4988452374.8/15

-0.104+/-0.000 χ^2/NDF : 5561794643.5/17

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 68820.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

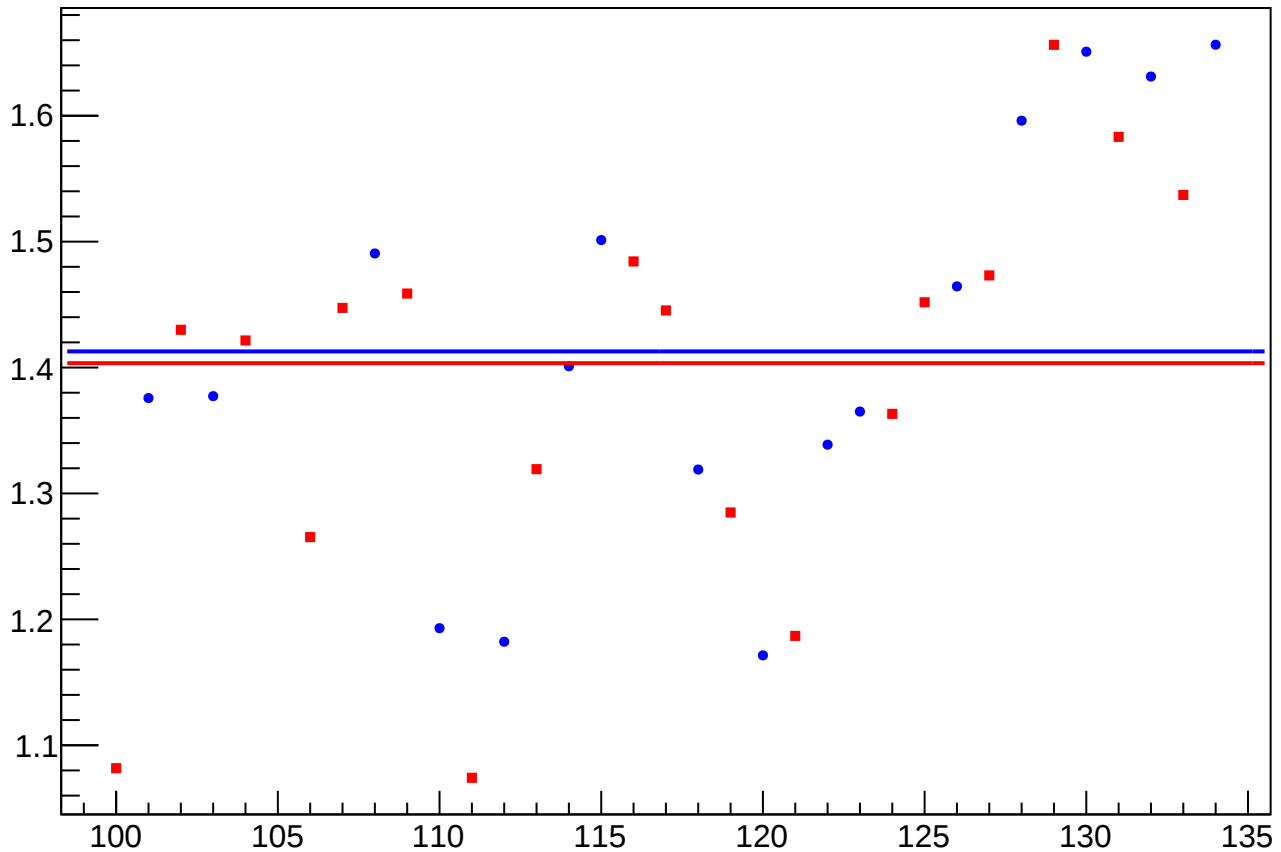
Right Out: 0.010+/-0.000 χ^2/NDF : 135272.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 68820.7/15

0.010+/-0.000 χ^2/NDF : 135272.4/17

yield_bpm1i02Y_mean vs Slug



Right In: 1.413+/-0.000 χ^2/NDF : 2464212868.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

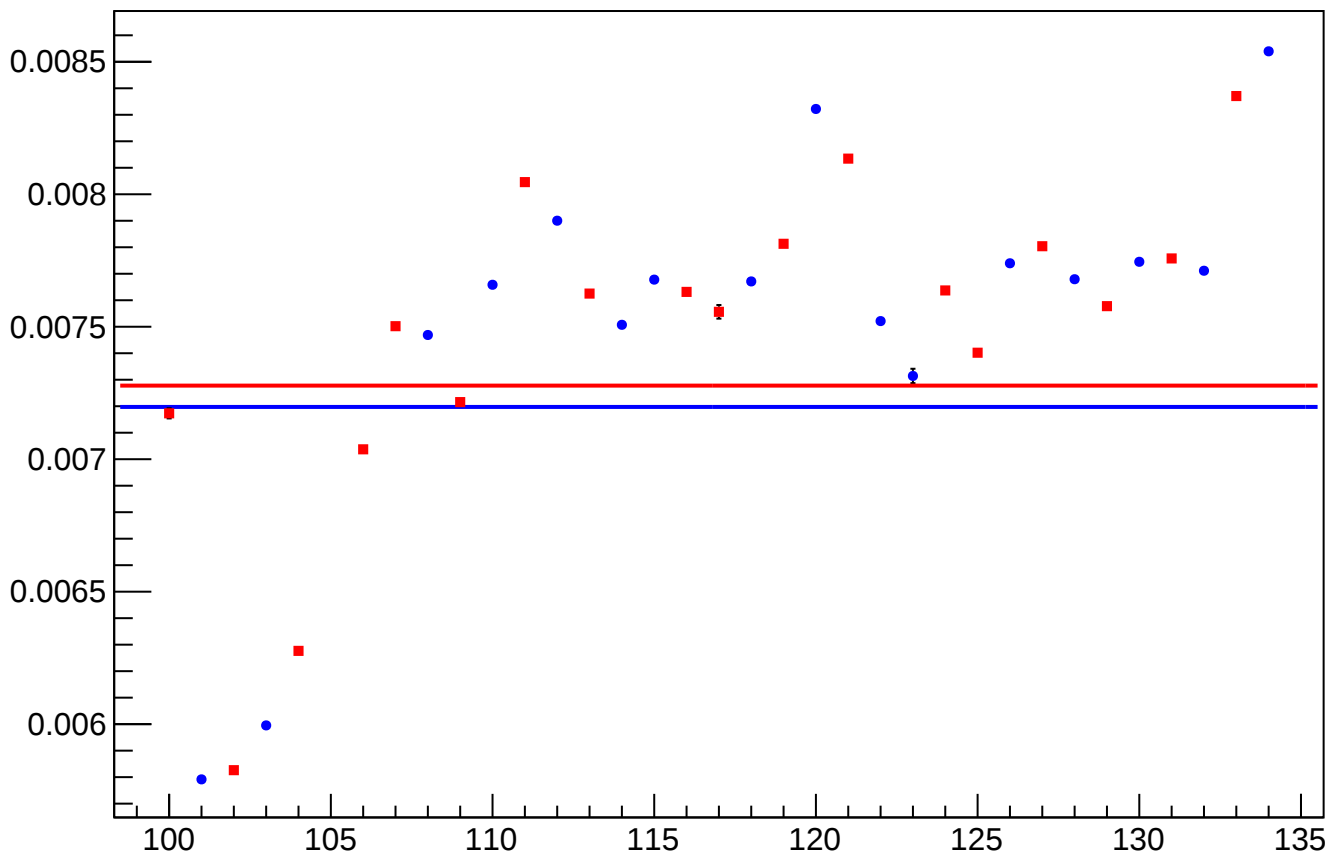
1.413+/-0.000 χ^2/NDF : 2464212868.5/15

Right Out: 1.403+/-0.000 χ^2/NDF : 2332567441.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.403+/-0.000 χ^2/NDF : 2332567441.6/17

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 169019.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

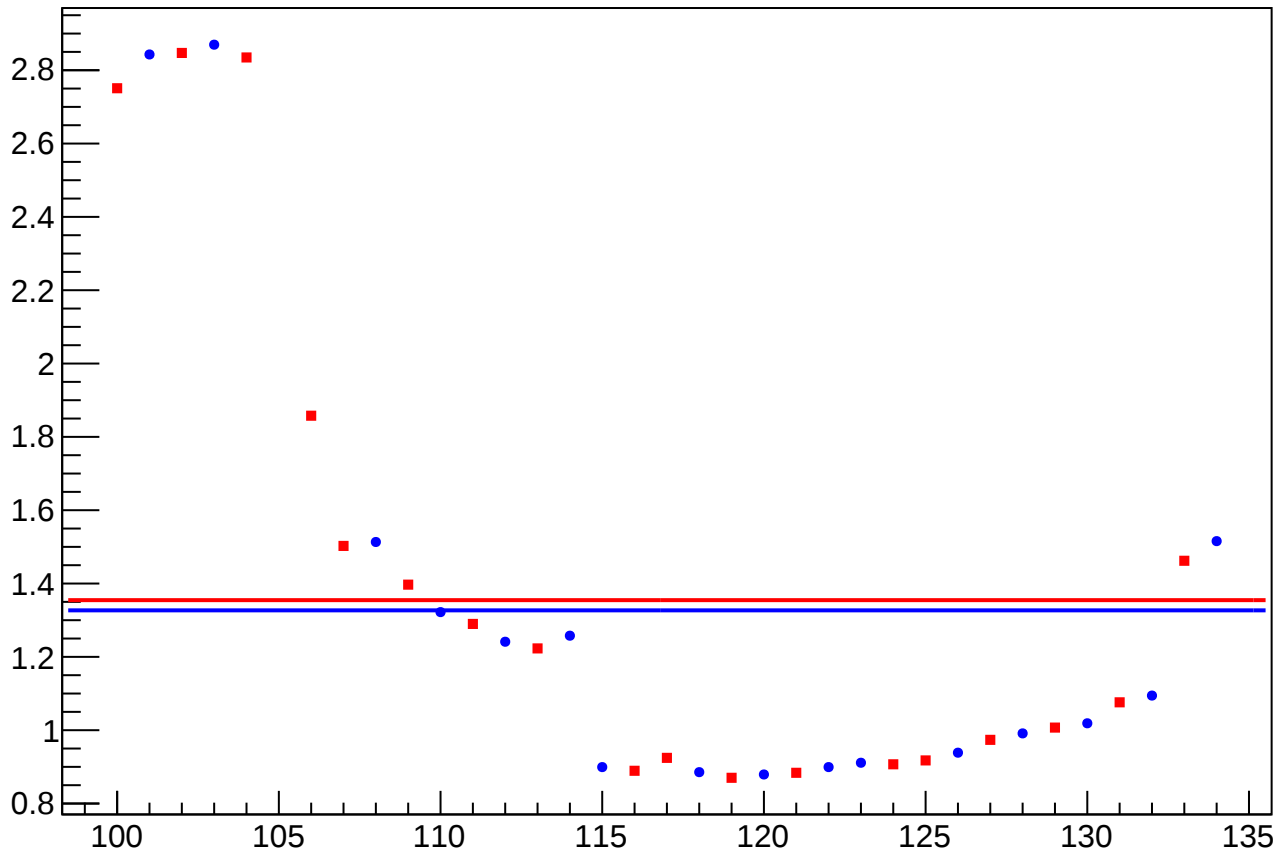
Right Out: 0.007+/-0.000 χ^2/NDF : 141021.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 169019.6/15

0.007+/-0.000 χ^2/NDF : 141021.2/17

yield_bpm1i04X_mean vs Slug



Right In: 1.327+/-0.000 χ^2/NDF : 51651719411.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

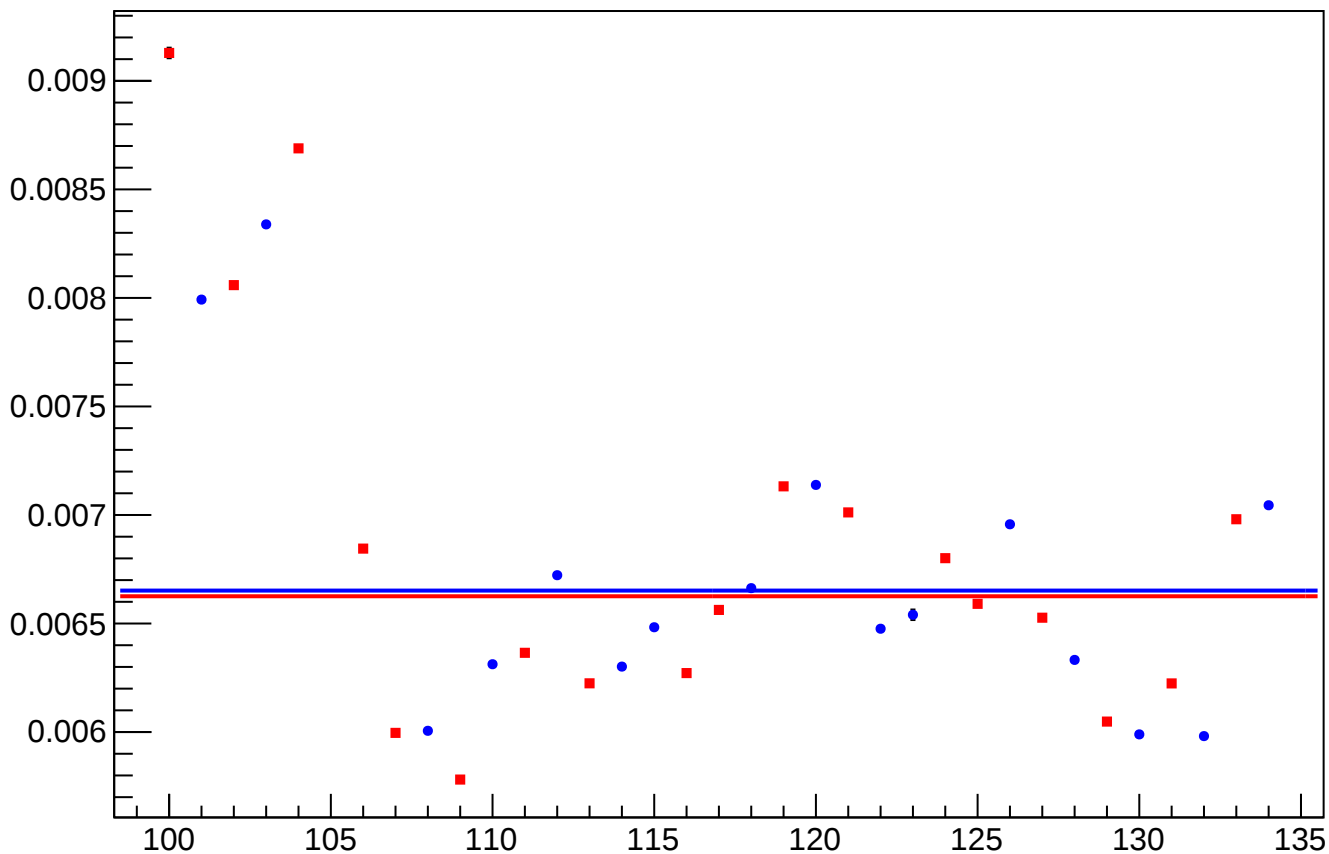
Right Out: 1.355+/-0.000 χ^2/NDF : 48160194441.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.327+/-0.000 χ^2/NDF : 51651719411.0/15

1.355+/-0.000 χ^2/NDF : 48160194441.8/17

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 122604.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

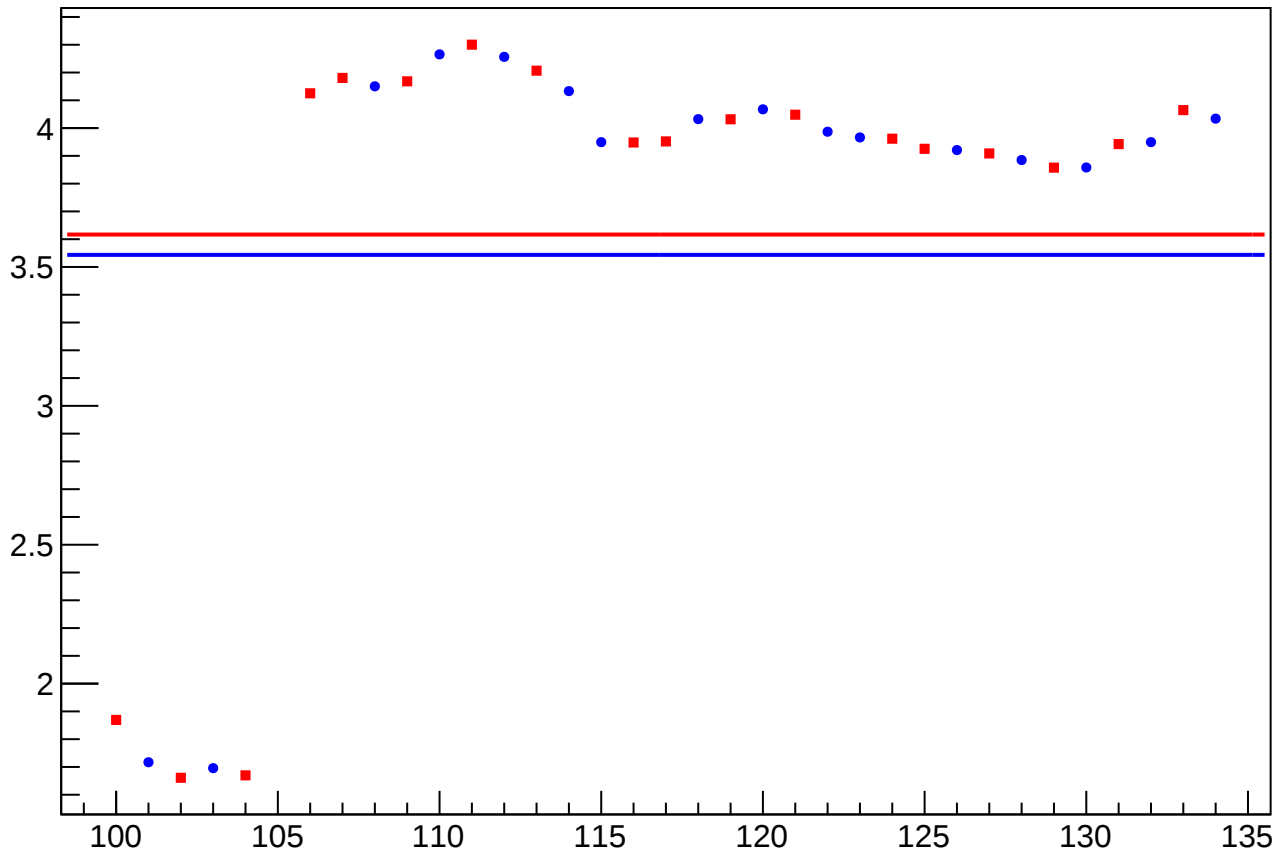
Right Out: 0.007+/-0.000 χ^2/NDF : 158496.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 122604.3/15

0.007+/-0.000 χ^2/NDF : 158496.1/17

yield_bpm1i04Y_mean vs Slug



Right In: 3.544+/-0.000 χ^2/NDF : 179447952948.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

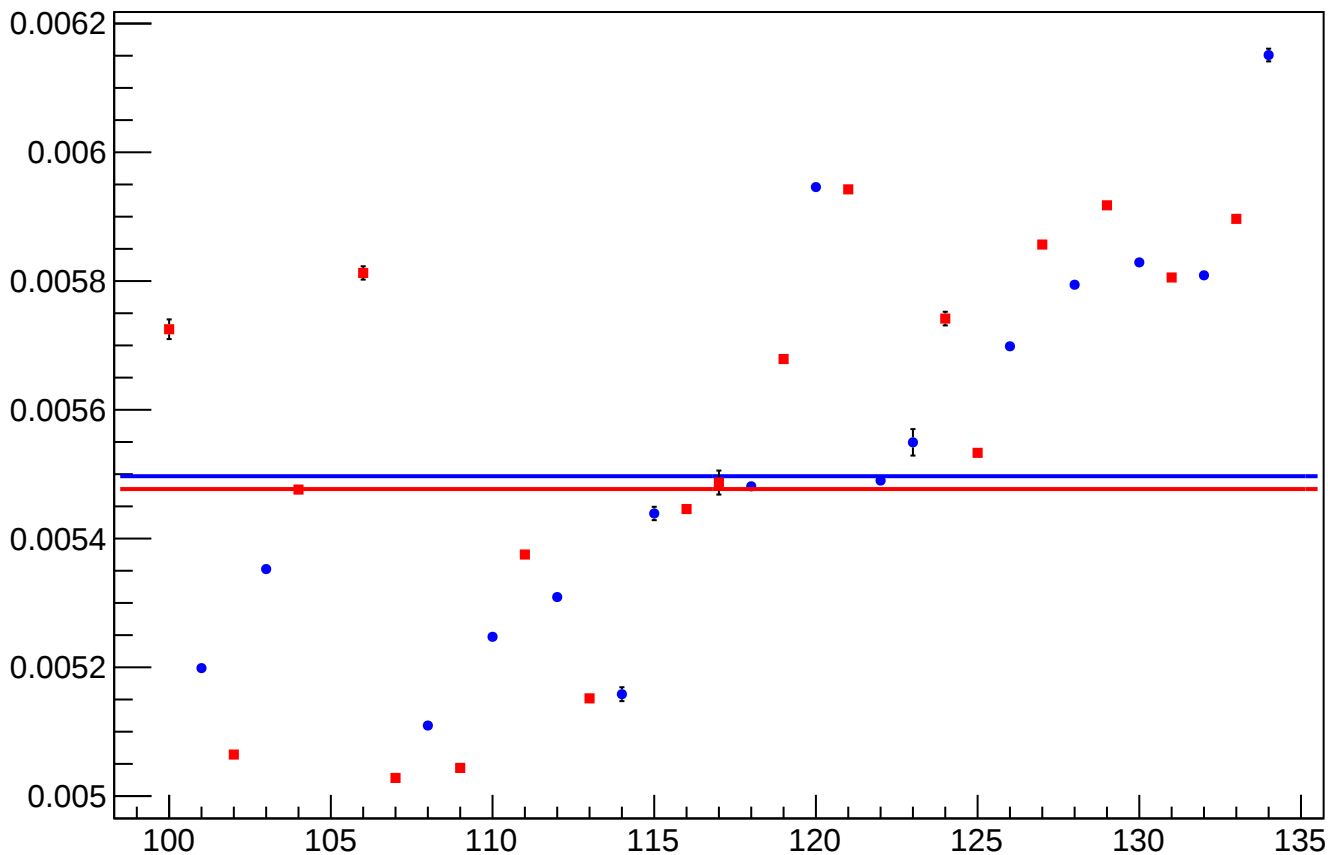
3.544+/-0.000 χ^2/NDF : 179447952948.0/15

Right Out: 3.617+/-0.000 χ^2/NDF : 187241424842.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.617+/-0.000 χ^2/NDF : 187241424842.7/17

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 30262.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

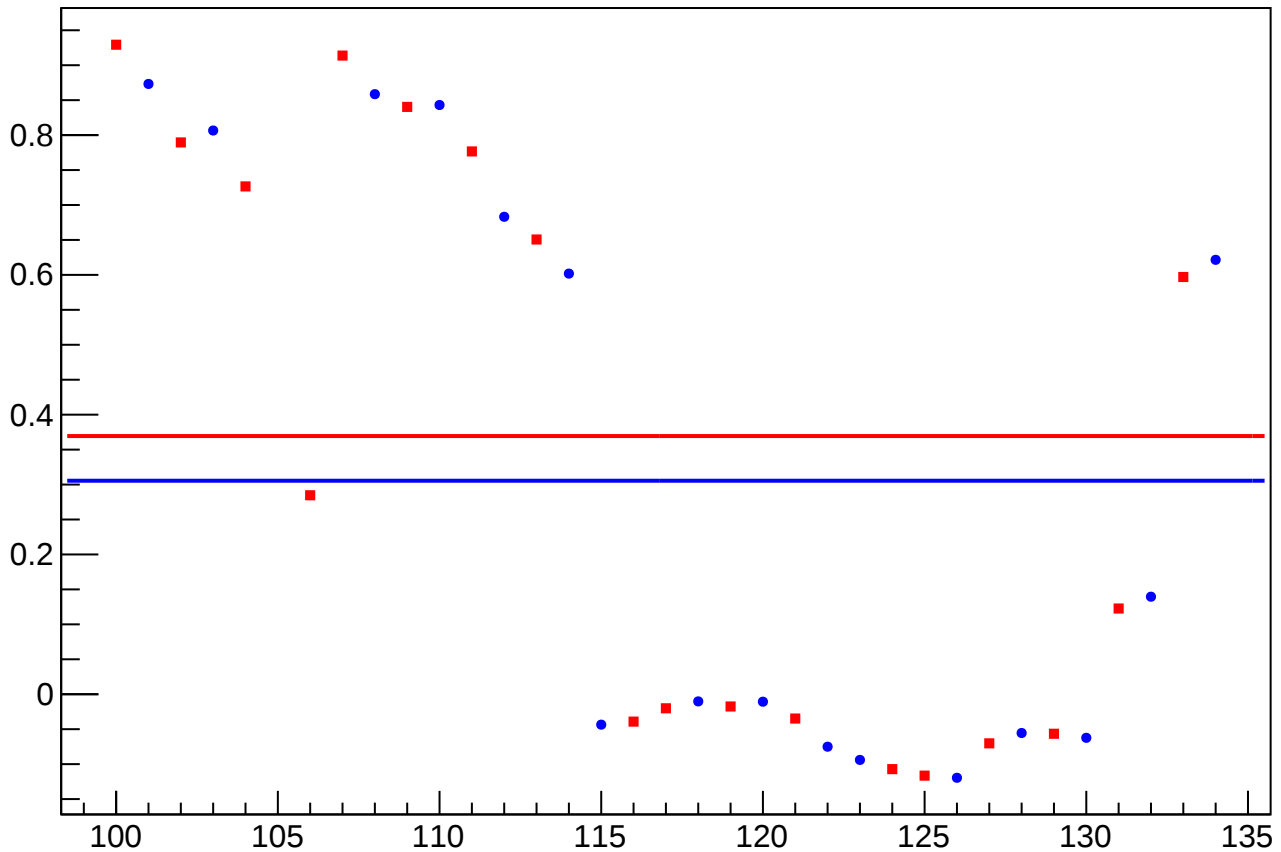
Right Out: 0.005+/-0.000 χ^2/NDF : 47559.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 30262.1/15

0.005+/-0.000 χ^2/NDF : 47559.0/17

yield_bpm1i06X_mean vs Slug



Right In: 0.305+/-0.000 χ^2/NDF : 5027170822.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

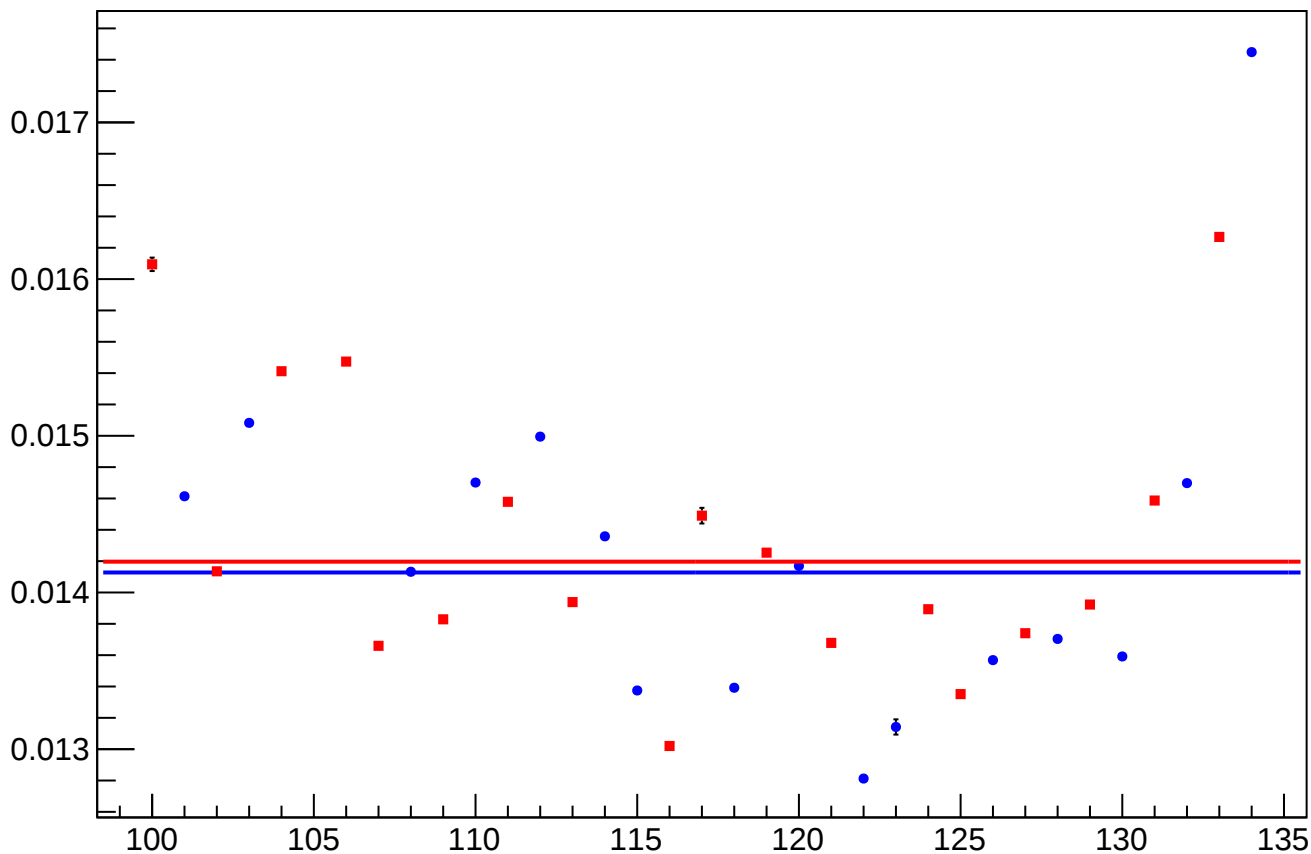
0.305+/-0.000 χ^2/NDF : 5027170822.8/15

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 : 41720.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

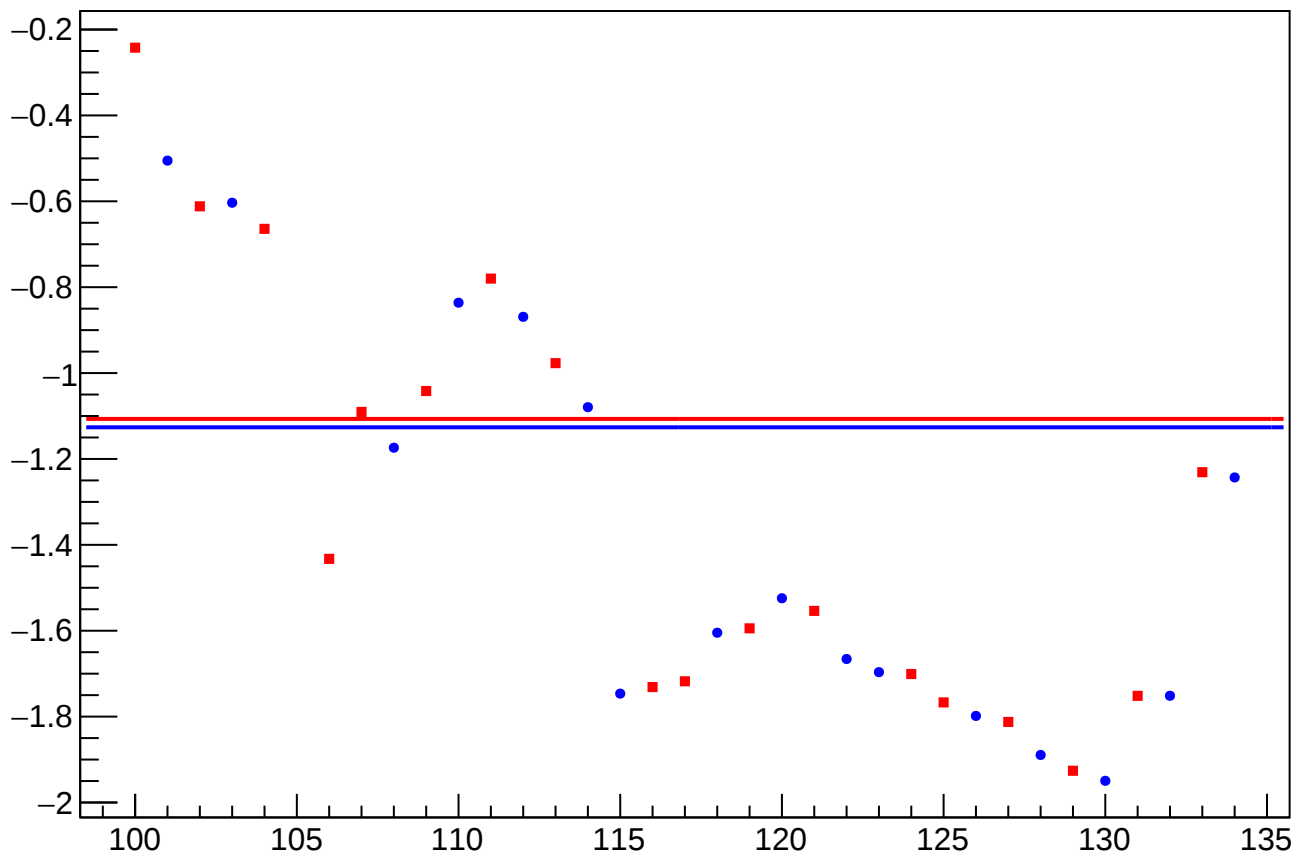
Right Out: 0.014+/-0.000 χ^2/NDF : 37022.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 41720.1/15

0.014+/-0.000 χ^2/NDF : 37022.4/17

yield_bpm1i06Y_mean vs Slug



Right In: -1.126+/-0.000 χ^2/NDF : 53501356975.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

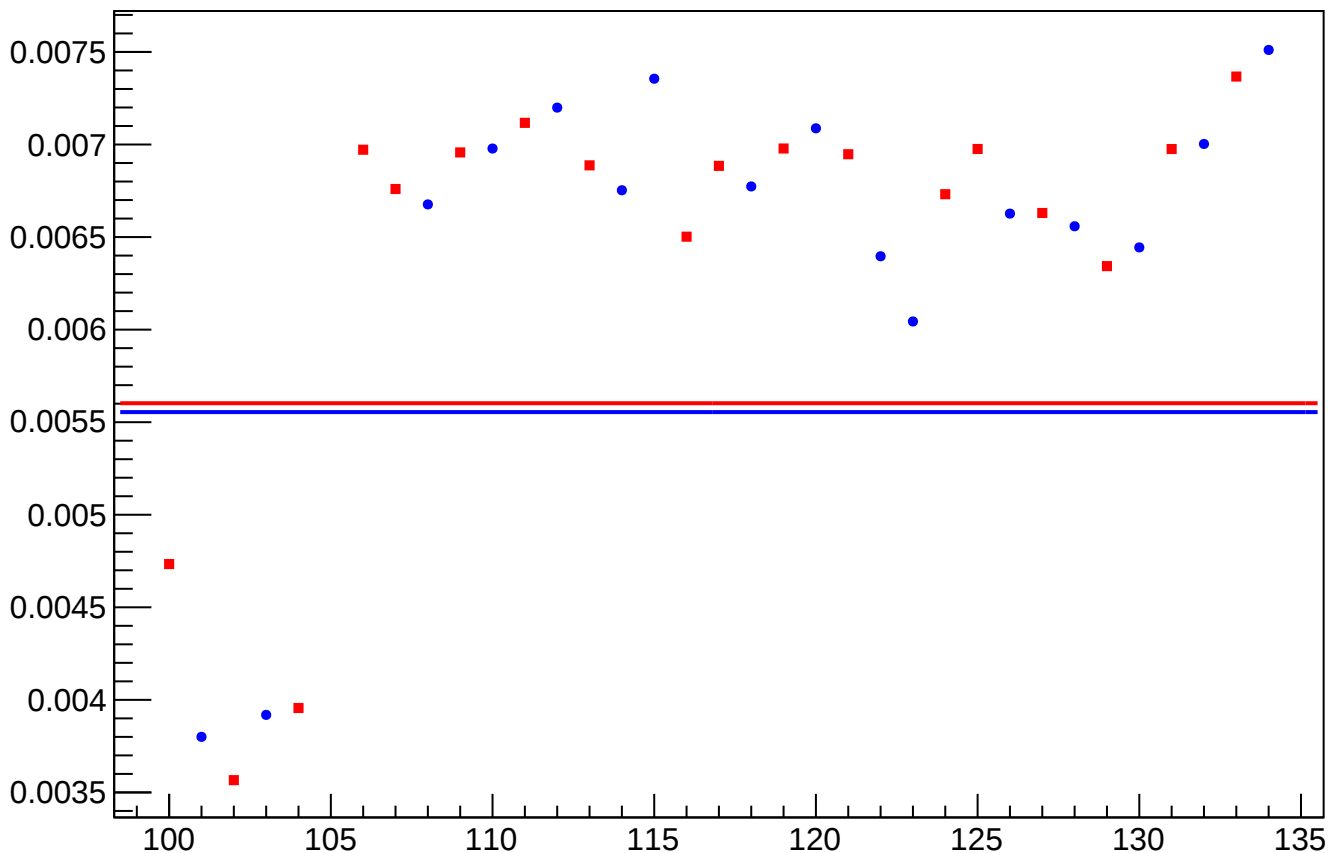
Right Out: -1.107+/-0.000 χ^2/NDF : 44158700589.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.126+/-0.000 χ^2/NDF : 53501356975.5/15

-1.107+/-0.000 χ^2/NDF : 44158700589.4/17

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 714742.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

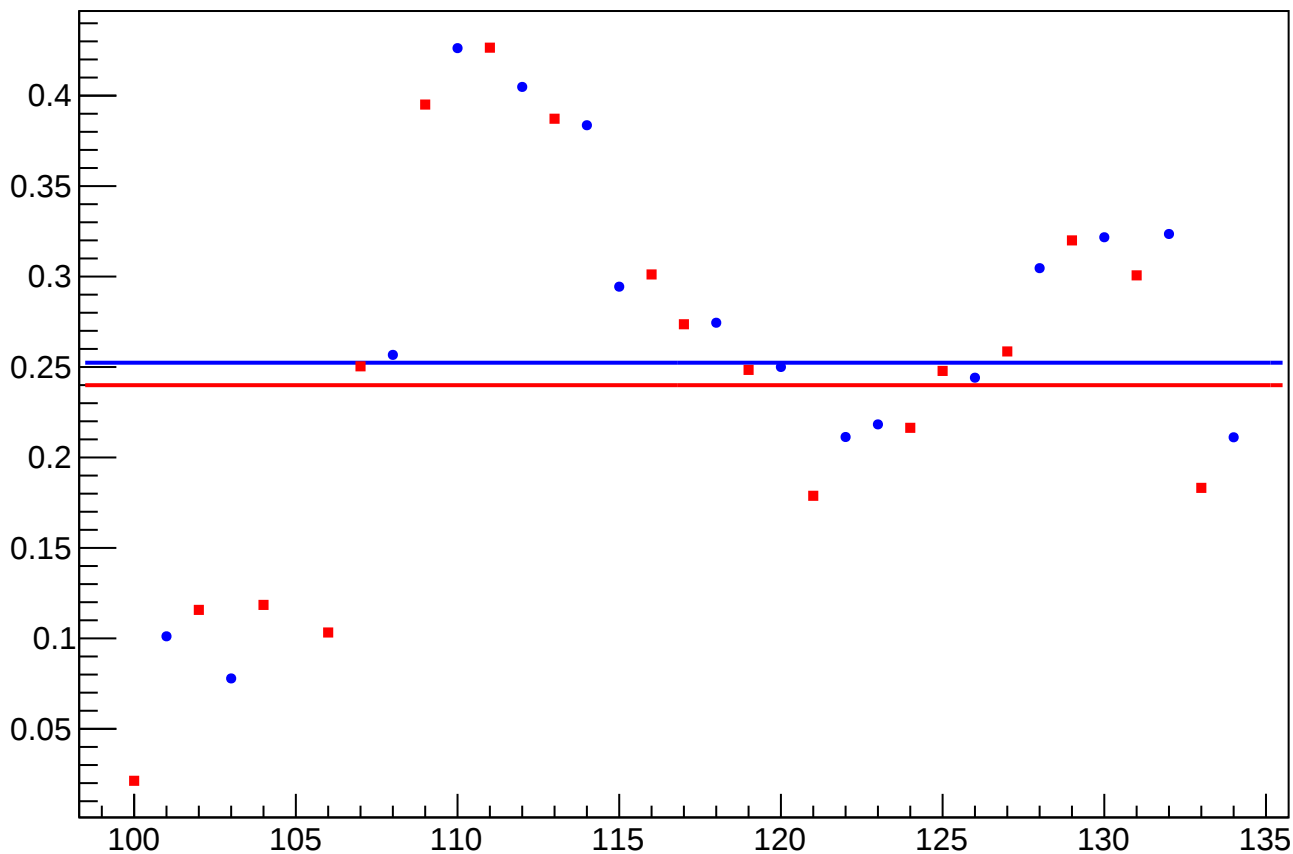
Right Out: 0.006+/-0.000 χ^2/NDF : 848552.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 714742.7/15

0.006+/-0.000 χ^2/NDF : 848552.8/17

yield_bpm2i01X_mean vs Slug



Right In: 0.252+/-0.000 χ^2/NDF : 21168862001.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

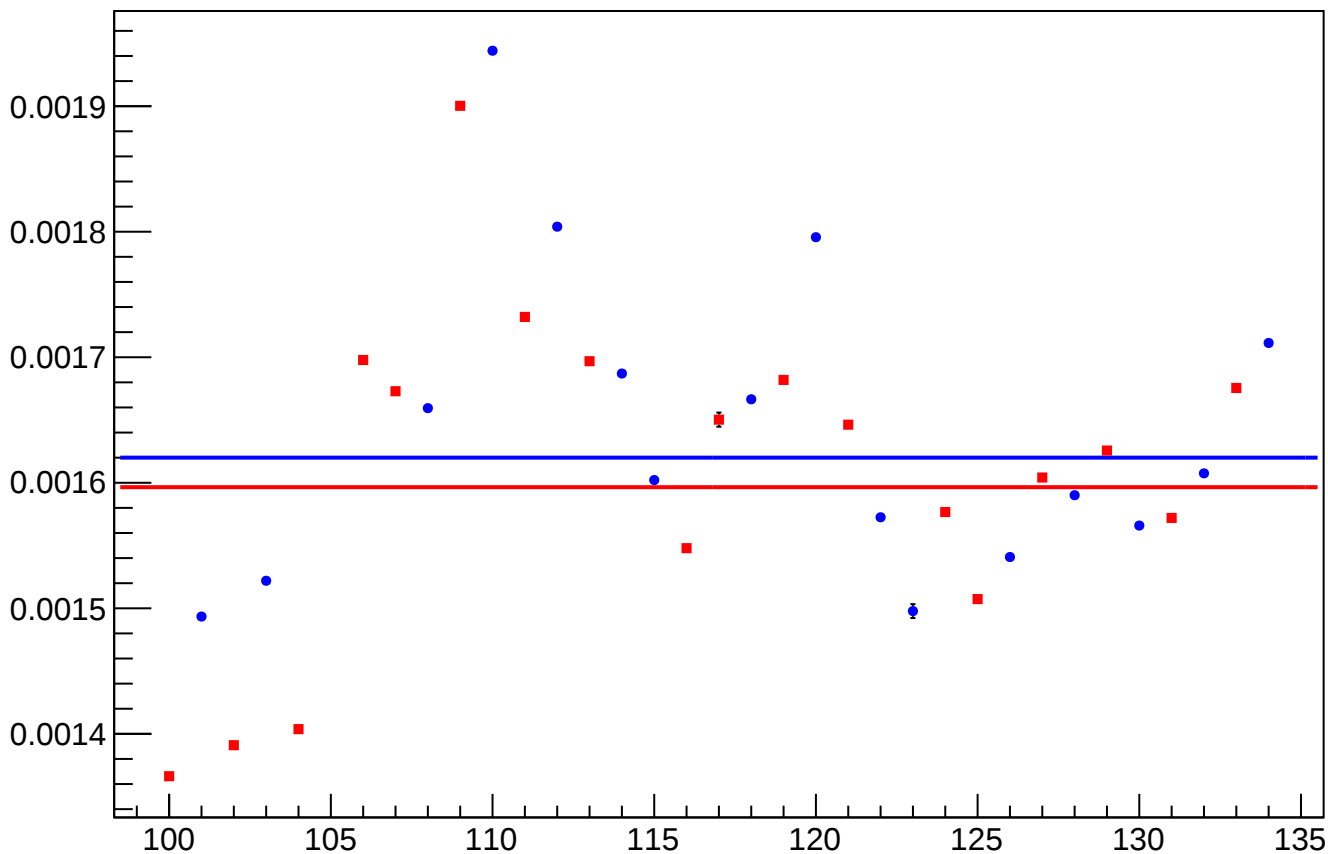
0.252+/-0.000 χ^2/NDF : 21168862001.3/15

Right Out: 0.240+/-0.000 χ^2/NDF : 25900894154.1/17

0.240+/-0.000 χ^2/NDF : 25900894154.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 52111.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

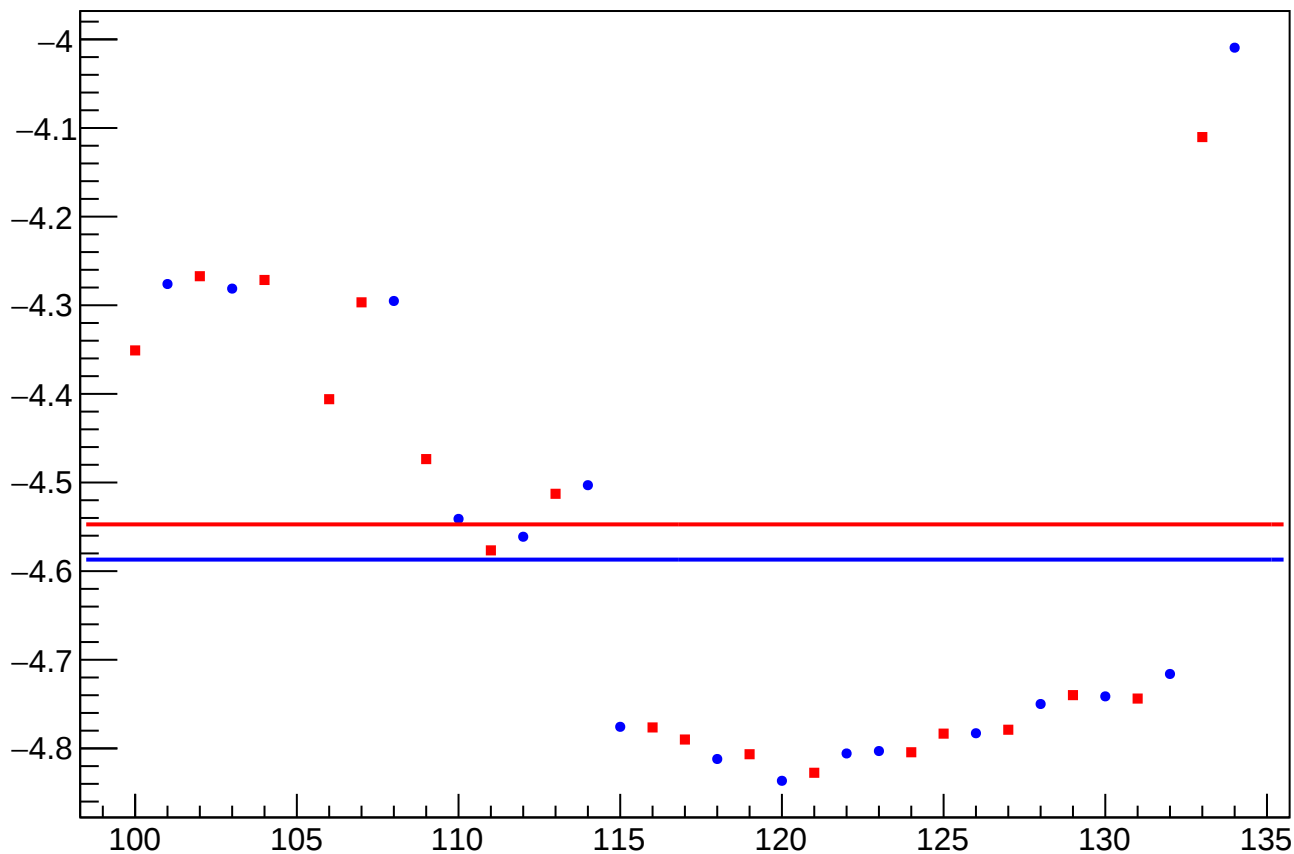
Right Out: 0.002+/-0.000 χ^2/NDF : 90463.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 52111.5/15

0.002+/-0.000 χ^2/NDF : 90463.7/17

yield_bpm2i01Y_mean vs Slug



Right In: -4.587+/-0.000 χ^2/NDF : 91993139158.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

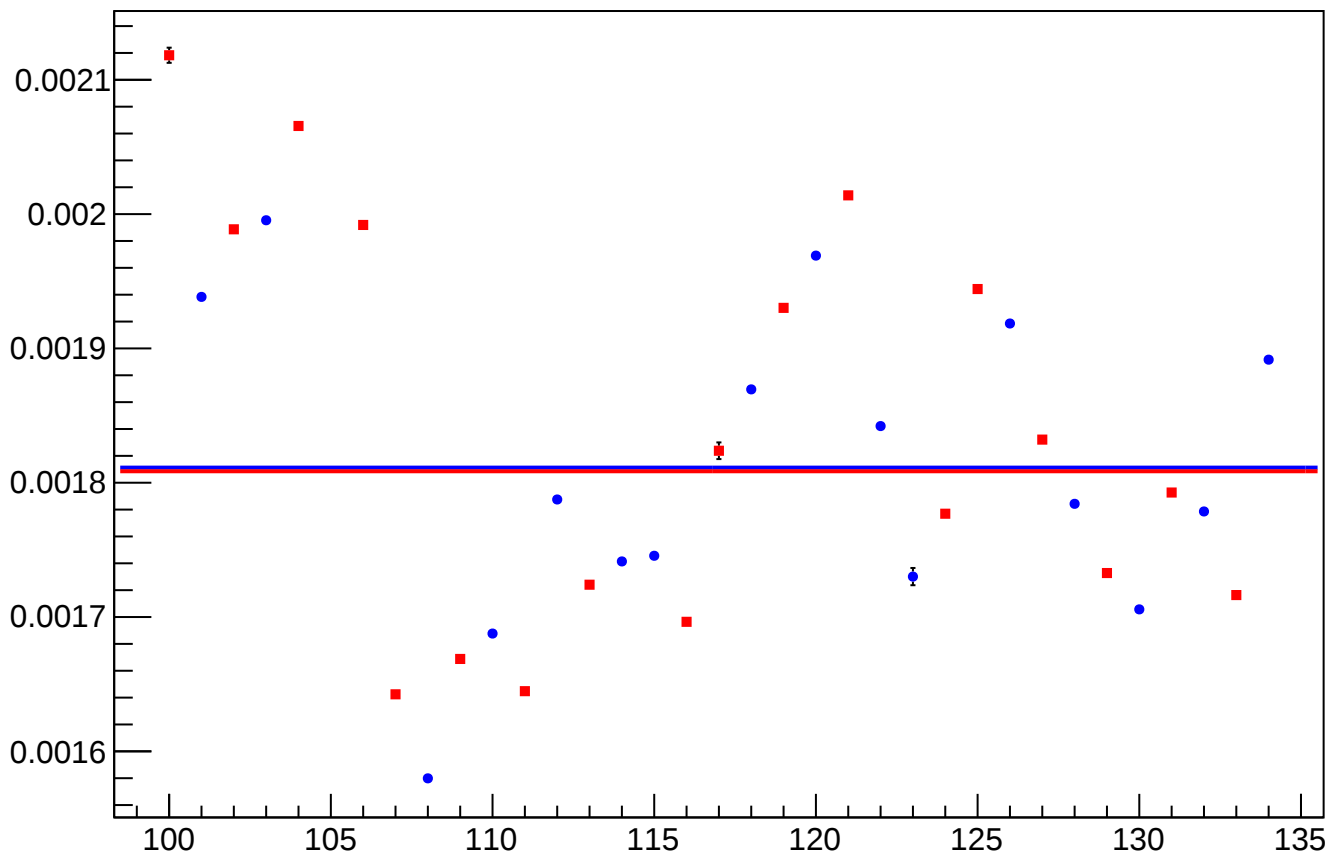
Right Out: -4.547+/-0.000 χ^2/NDF : 103073454223.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.587+/-0.000 χ^2/NDF : 91993139158.7/15

-4.547+/-0.000 χ^2/NDF : 103073454223.4/17

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 47863.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

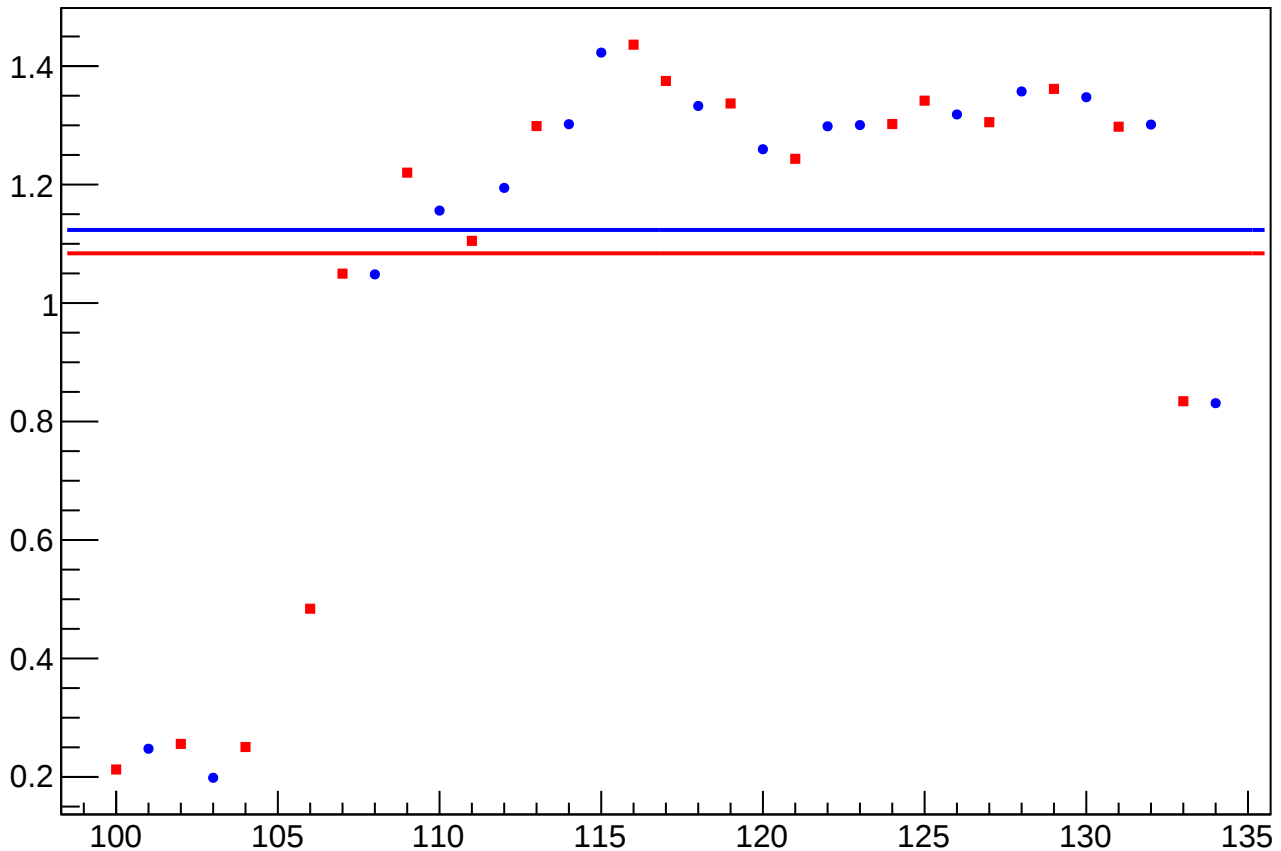
Right Out: 0.002+/-0.000 χ^2/NDF : 77304.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 47863.8/15

0.002+/-0.000 χ^2/NDF : 77304.7/17

yield_bpm2i02X_mean vs Slug



Right In: 1.123+/-0.000 χ^2/NDF : 14997780807.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

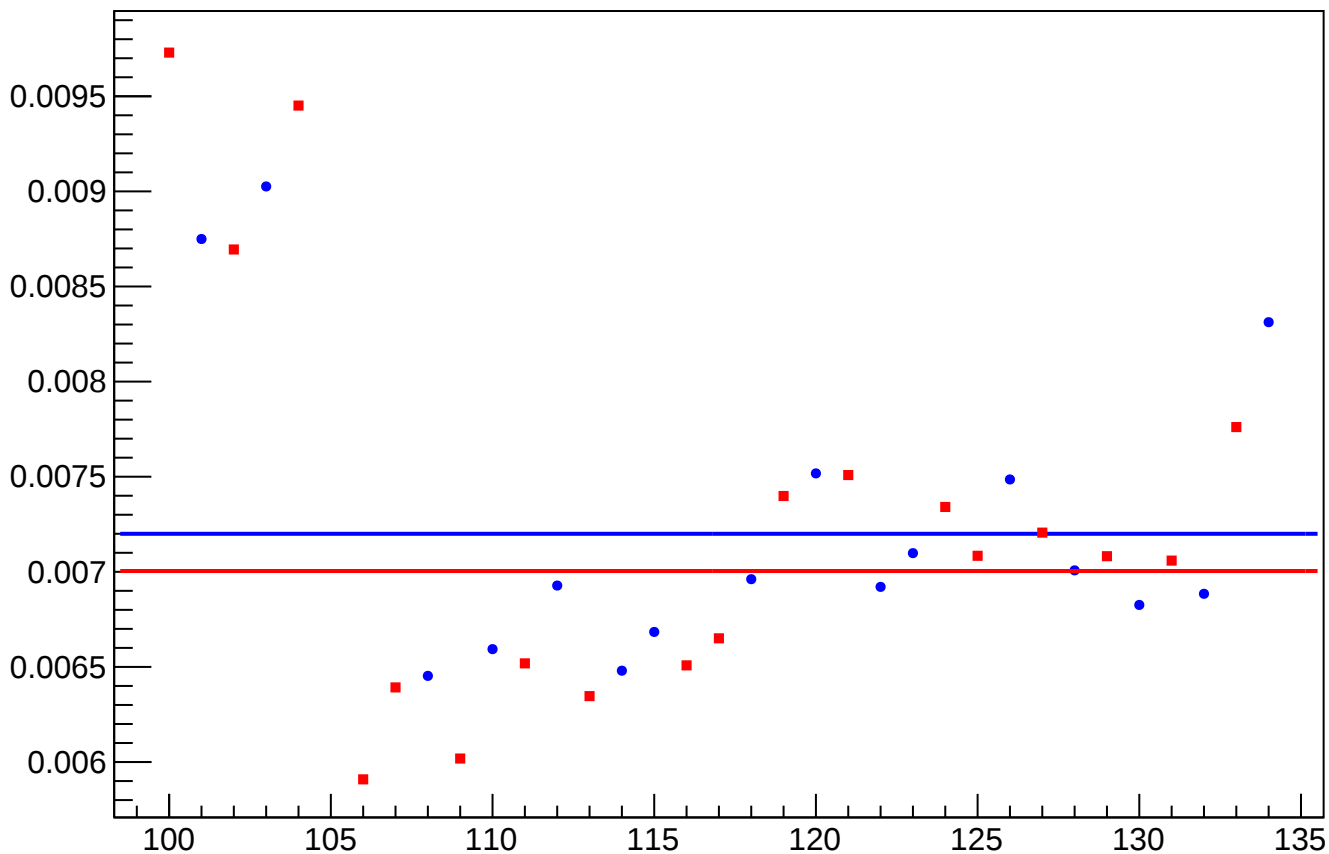
1.123+/-0.000 χ^2/NDF : 14997780807.2/15

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 : 122062.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

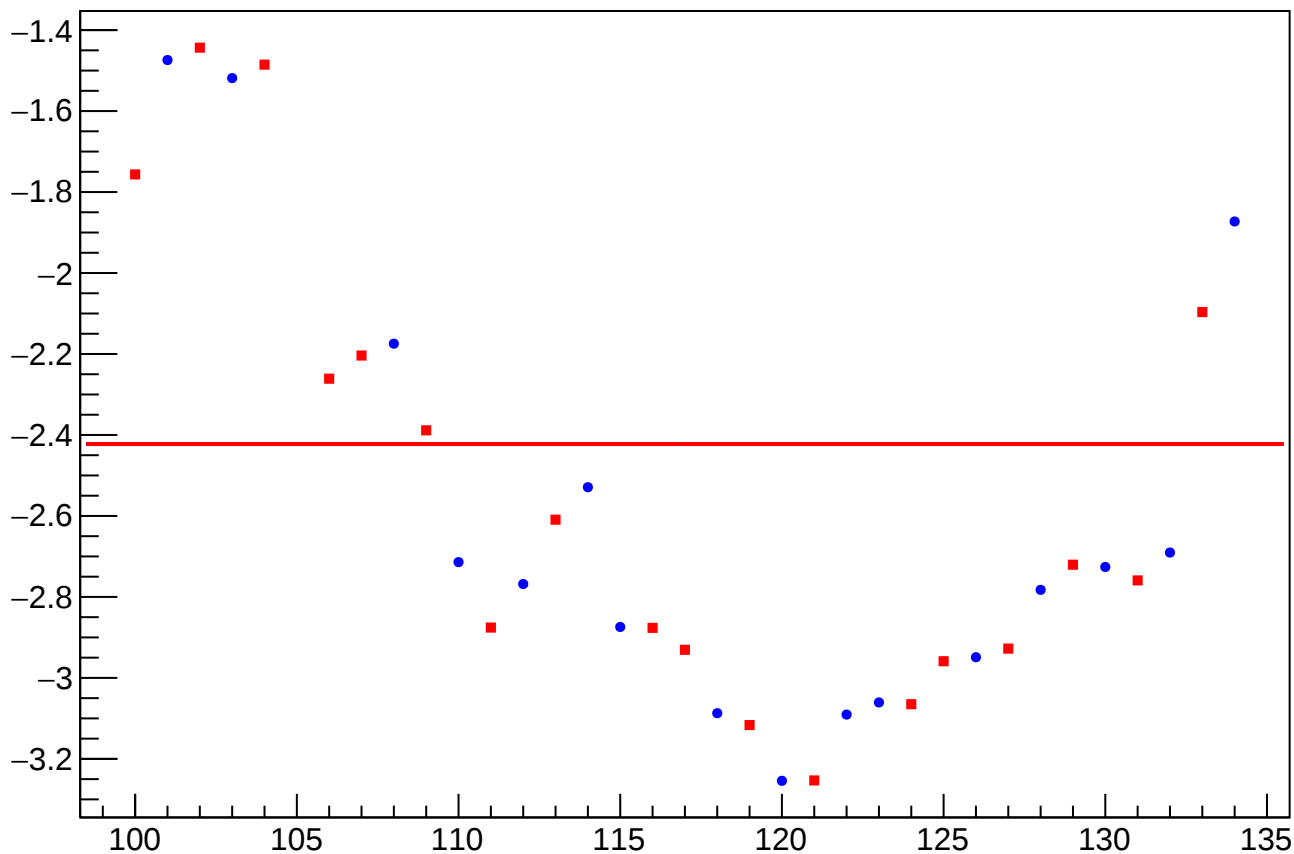
Right Out: 0.007+/-0.000 χ^2/NDF : 206766.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 122062.1/15

0.007+/-0.000 χ^2/NDF : 206766.7/17

yield_bpm2i02Y_mean vs Slug



Right In: -2.422+/-0.000 χ^2/NDF : 52272391791.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

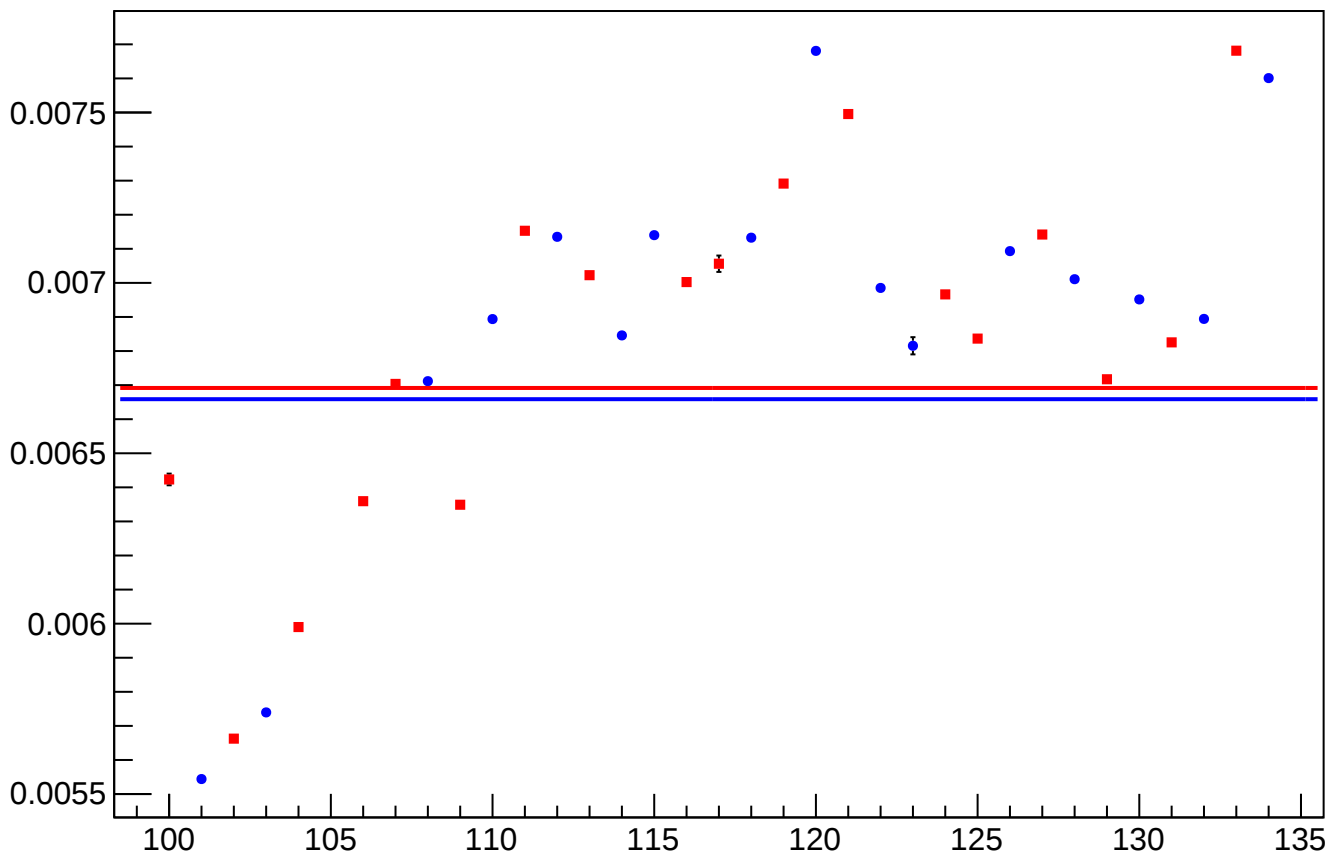
Right Out: -2.422+/-0.000 χ^2/NDF : 50402375041.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.422+/-0.000 χ^2/NDF : 52272391791.6/15

-2.422+/-0.000 χ^2/NDF : 50402375041.1/17

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 114916.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

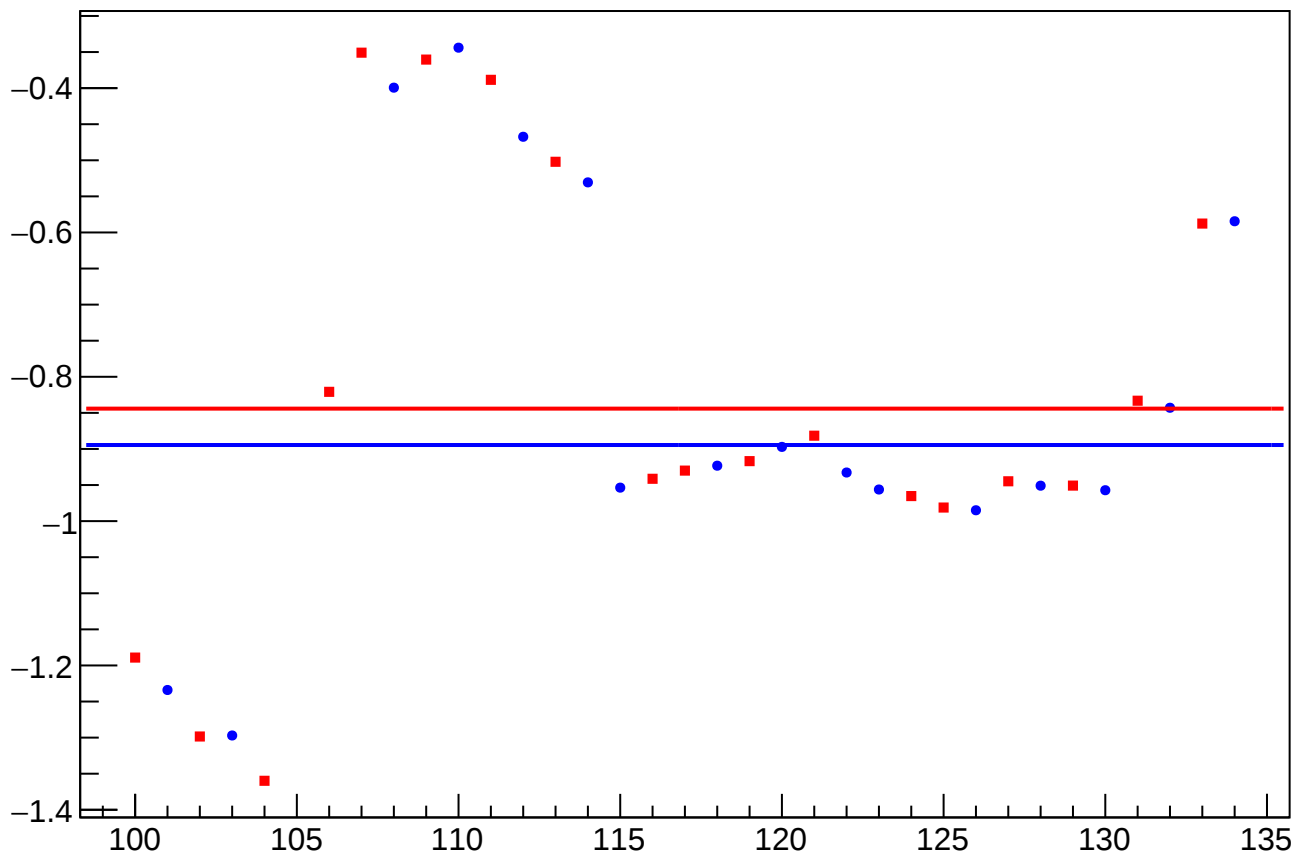
Right Out: 0.007+/-0.000 χ^2/NDF : 95685.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 114916.4/15

0.007+/-0.000 χ^2/NDF : 95685.1/17

yield_bpm0i01X_mean vs Slug



Right In: -0.895+/-0.000 χ^2 /NDF: 4030543850.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

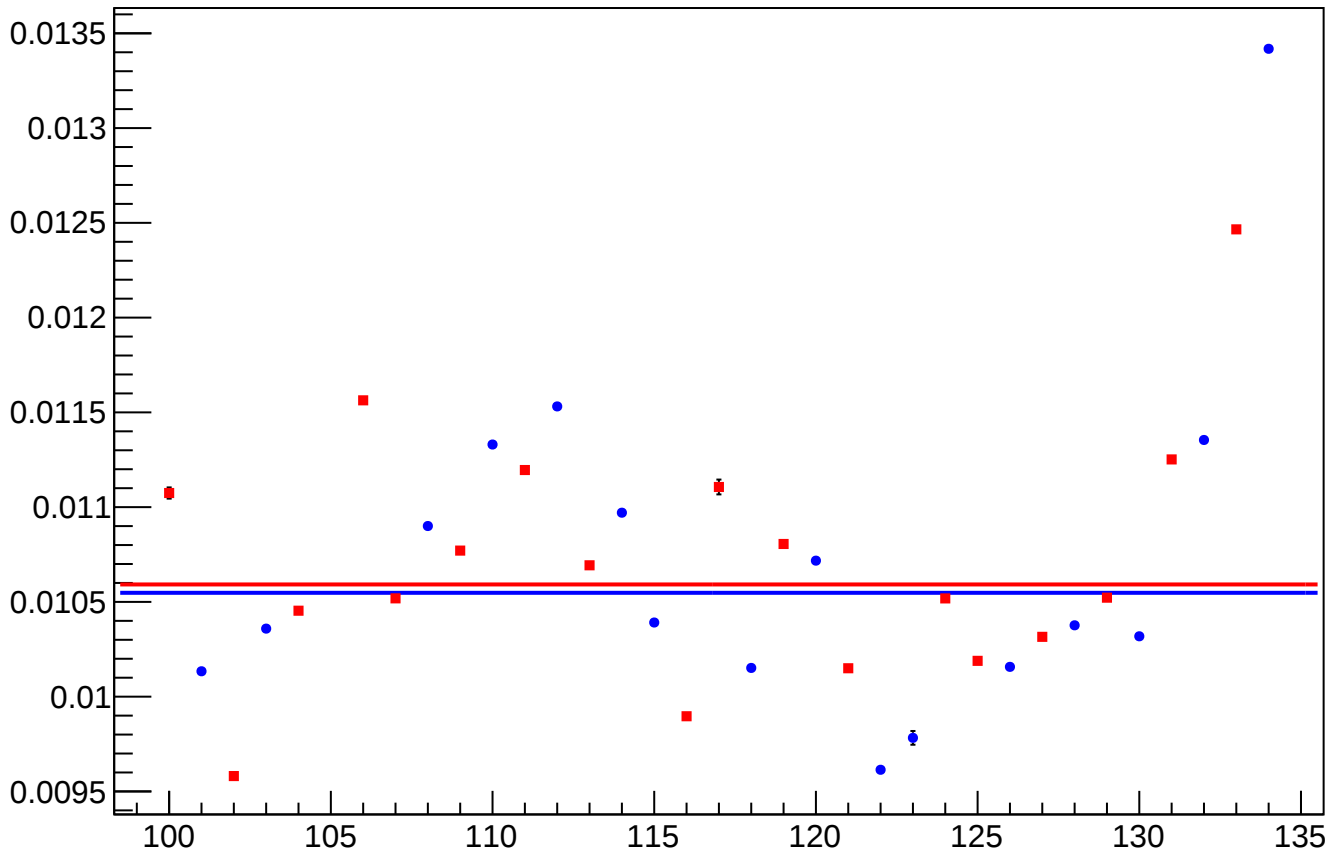
Right Out: -0.844+/-0.000 χ^2 /NDF: 5842455066.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.895+/-0.000 χ^2 /NDF: 4030543850.6/15

-0.844+/-0.000 χ^2 /NDF: 5842455066.4/17

yield_bpm0i01X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 46491.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

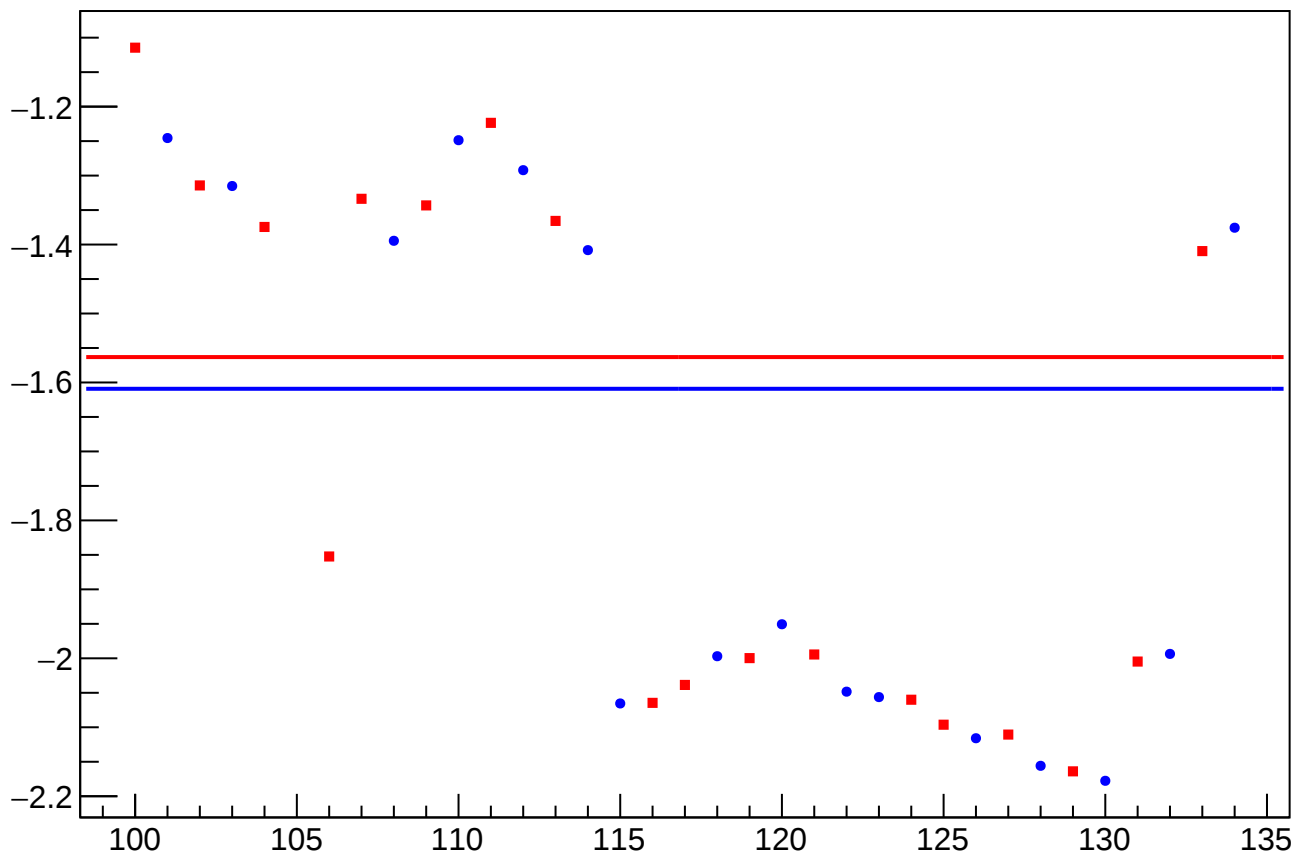
Right Out: 0.011+/-0.000 χ^2/NDF : 46071.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 46491.7/15

0.011+/-0.000 χ^2/NDF : 46071.8/17

yield_bpm0i01Y_mean vs Slug



Right In: -1.609+/-0.000 χ^2/NDF : 121113792272.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

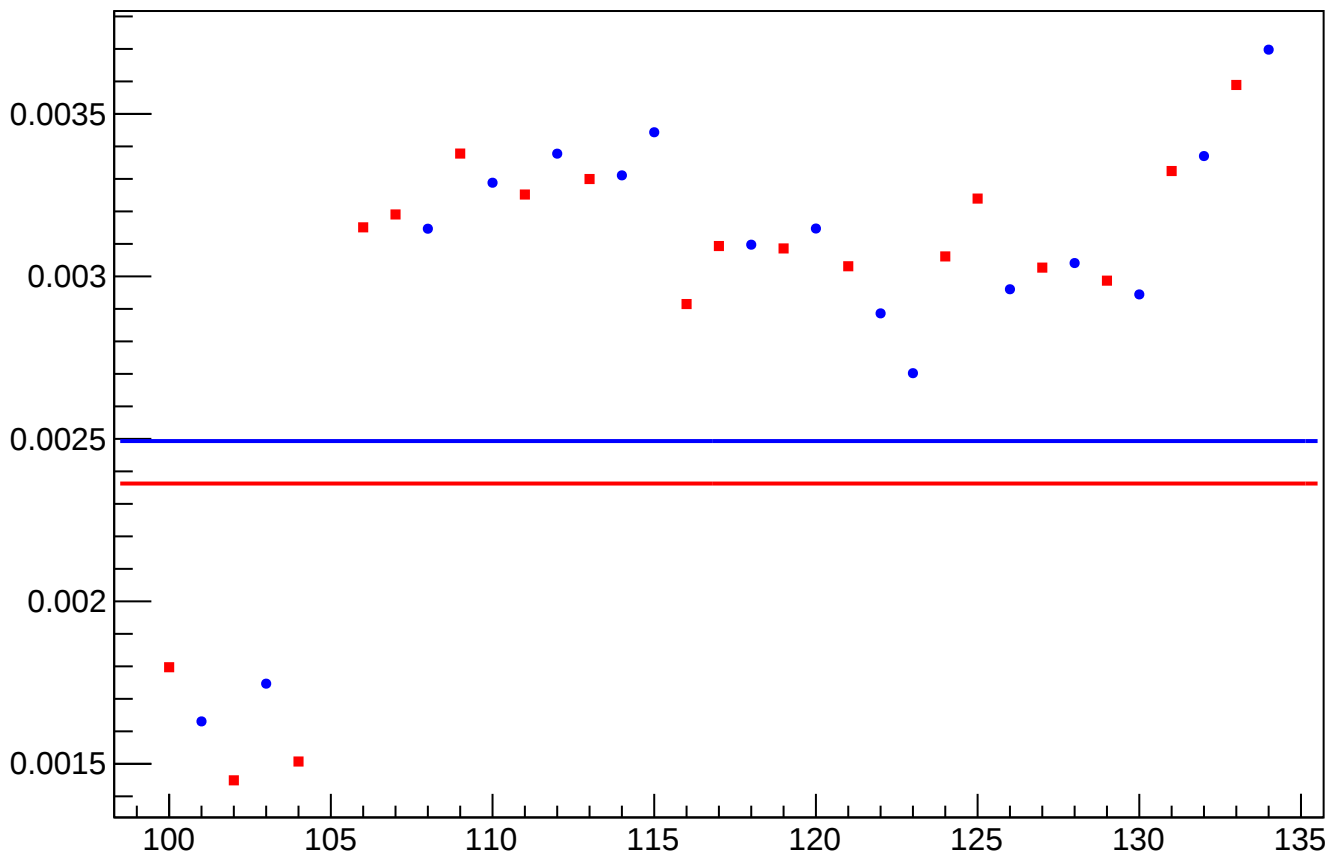
Right Out: -1.563+/-0.000 χ^2/NDF : 107935042507.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.609+/-0.000 χ^2/NDF : 121113792272.3/15

-1.563+/-0.000 χ^2/NDF : 107935042507.3/17

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 852471.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

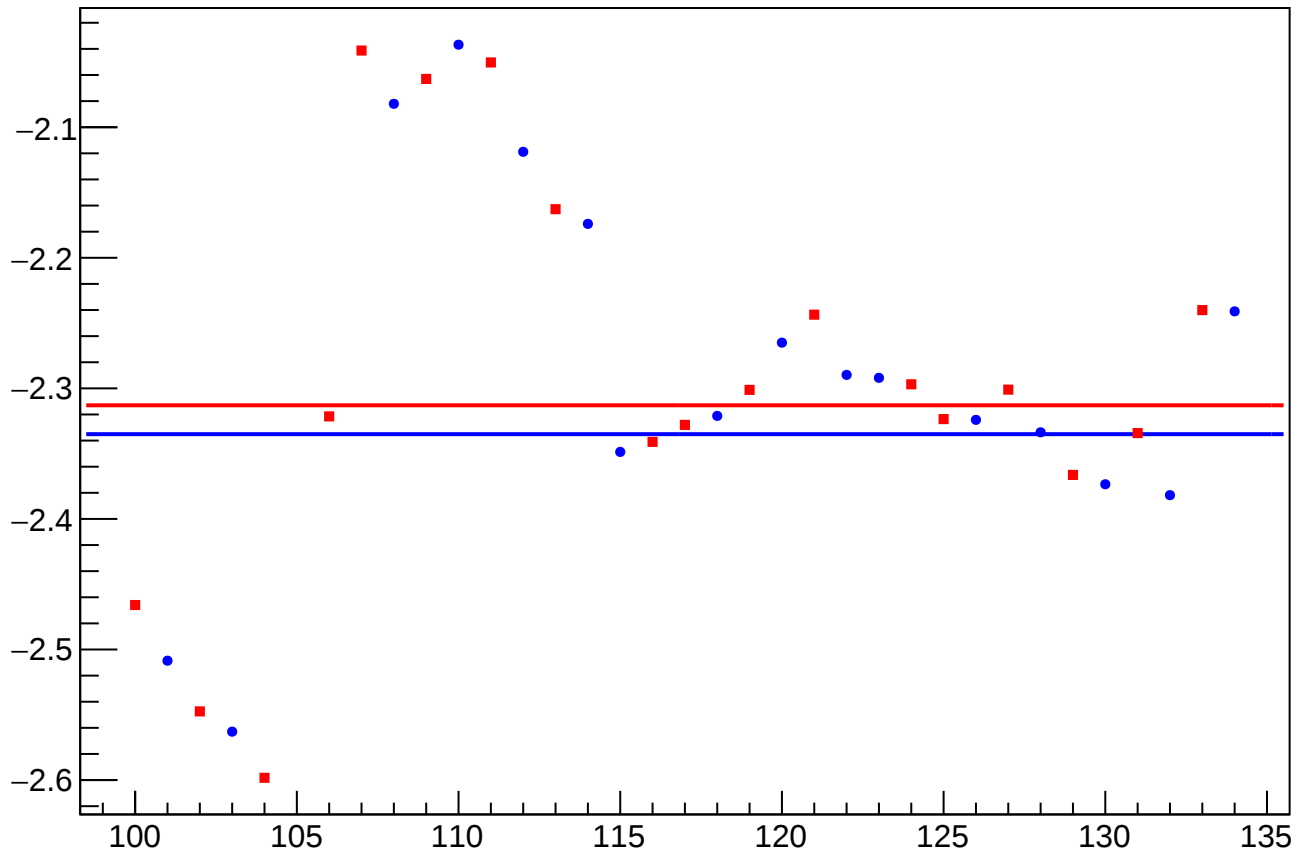
Right Out: 0.002+/-0.000 χ^2/NDF : 1348703.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 852471.0/15

0.002+/-0.000 χ^2/NDF : 1348703.0/17

yield_bpm0i01aX_mean vs Slug



Right In: -2.335+/-0.000 χ^2/NDF : 3060473182.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

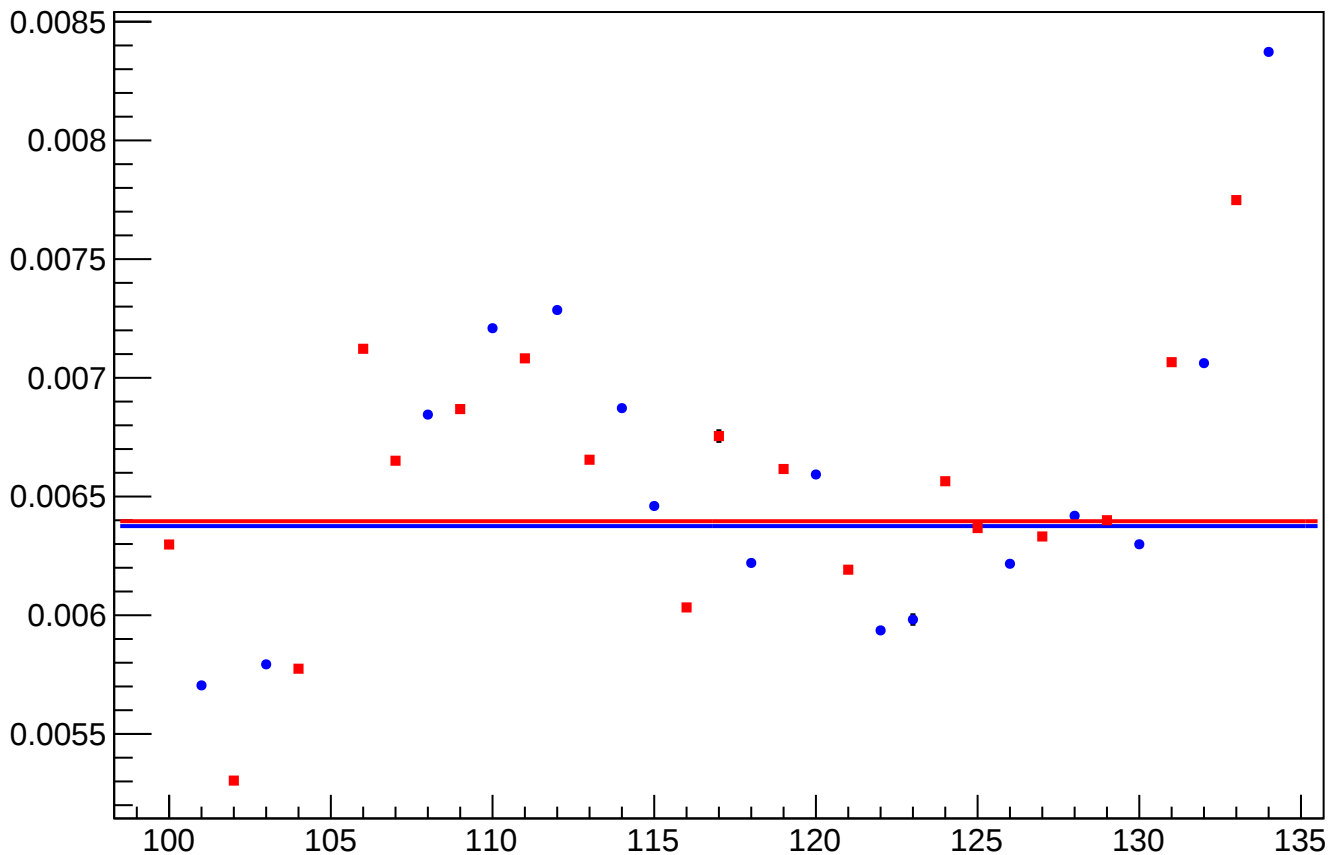
Right Out: -2.313+/-0.000 χ^2/NDF : 4465995813.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.335+/-0.000 χ^2/NDF : 3060473182.1/15

-2.313+/-0.000 χ^2/NDF : 4465995813.9/17

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 90799.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

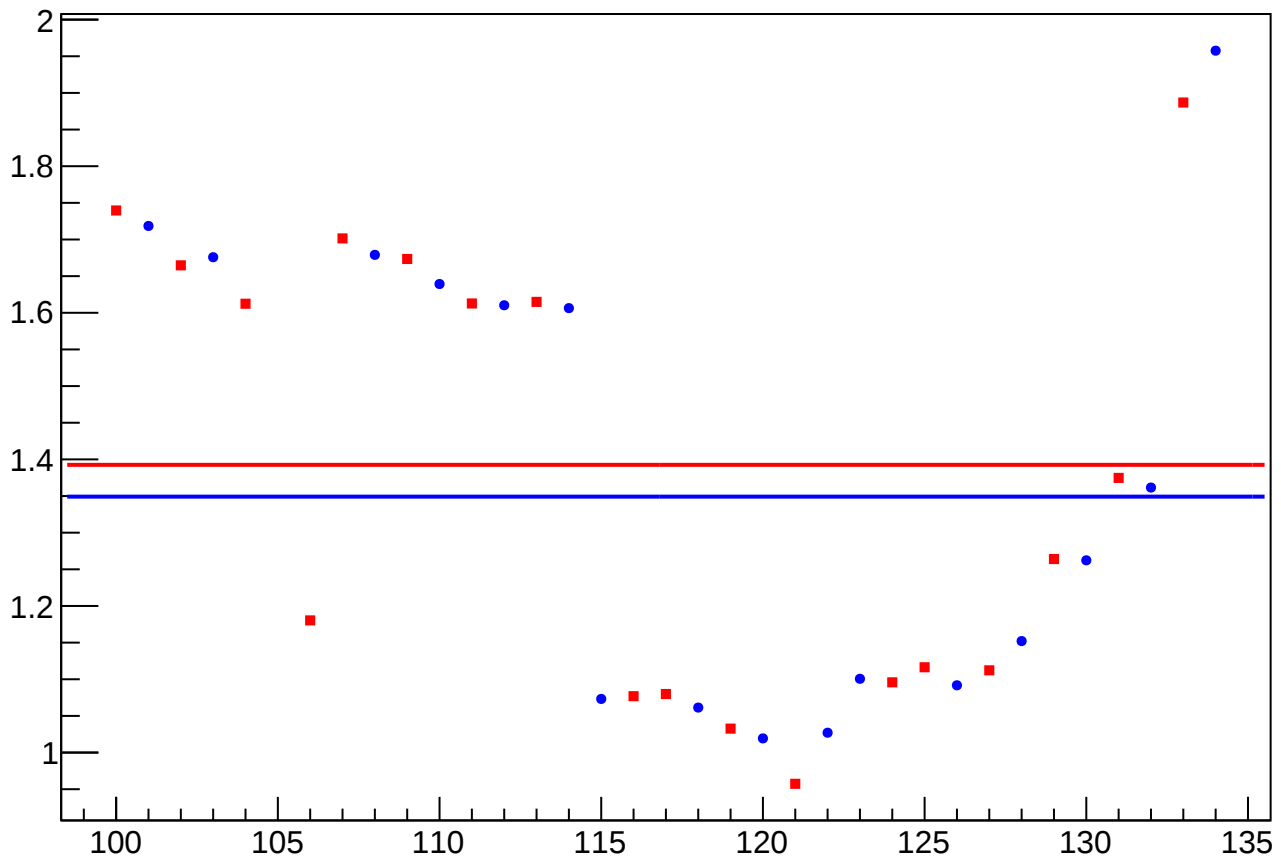
Right Out: 0.006+/-0.000 χ^2/NDF : 113099.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 90799.5/15

0.006+/-0.000 χ^2/NDF : 113099.5/17

yield_bpm0i01aY_mean vs Slug



Right In: 1.349+/-0.000 χ^2/NDF : 109826547108.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

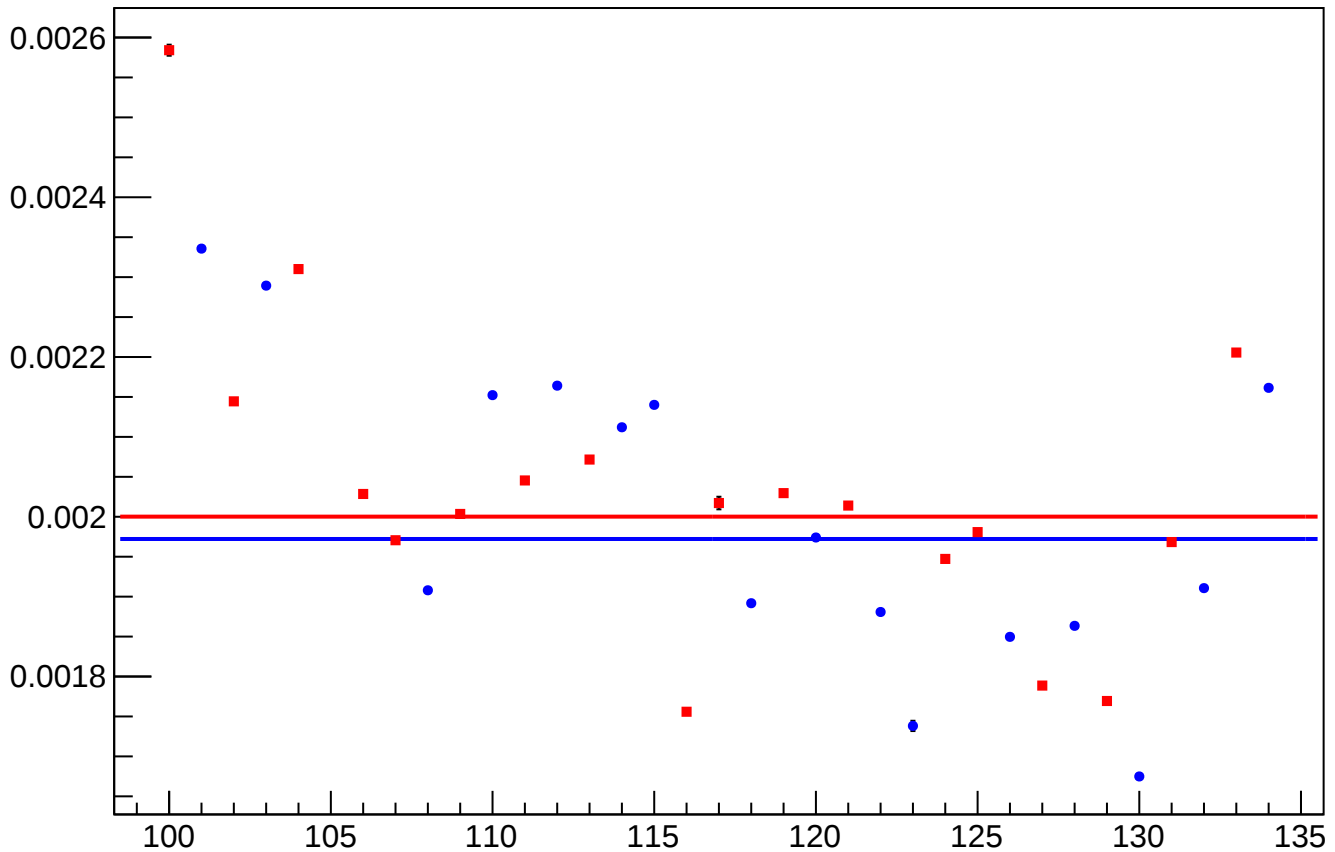
1.349+/-0.000 χ^2/NDF : 109826547108.2/15

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 : 107838.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

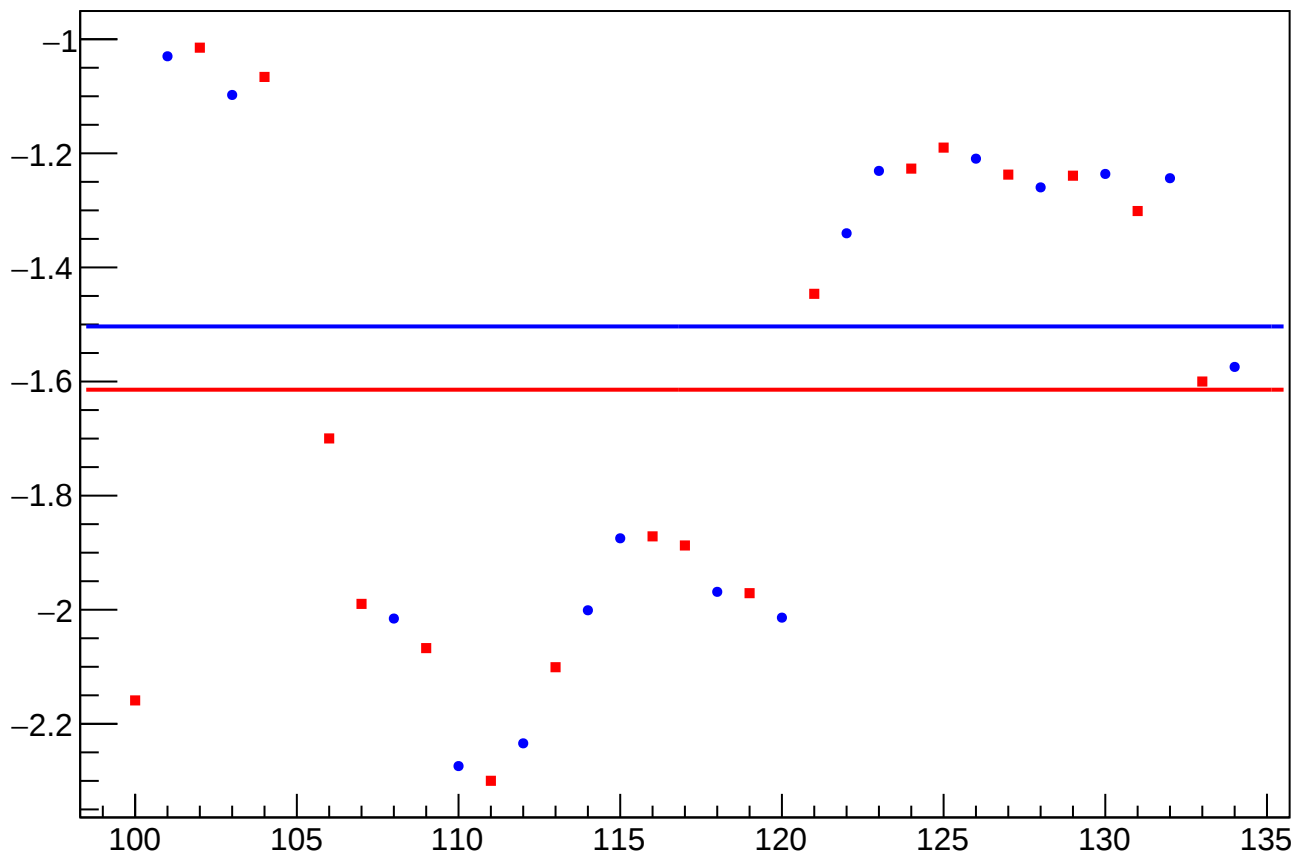
Right Out: 0.002+/-0.000 χ^2/NDF : 73224.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 107838.4/15

0.002+/-0.000 χ^2/NDF : 73224.5/17

yield_bpm0l01X_mean vs Slug



Right In: -1.503+/-0.000 χ^2/NDF : 22459597861.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

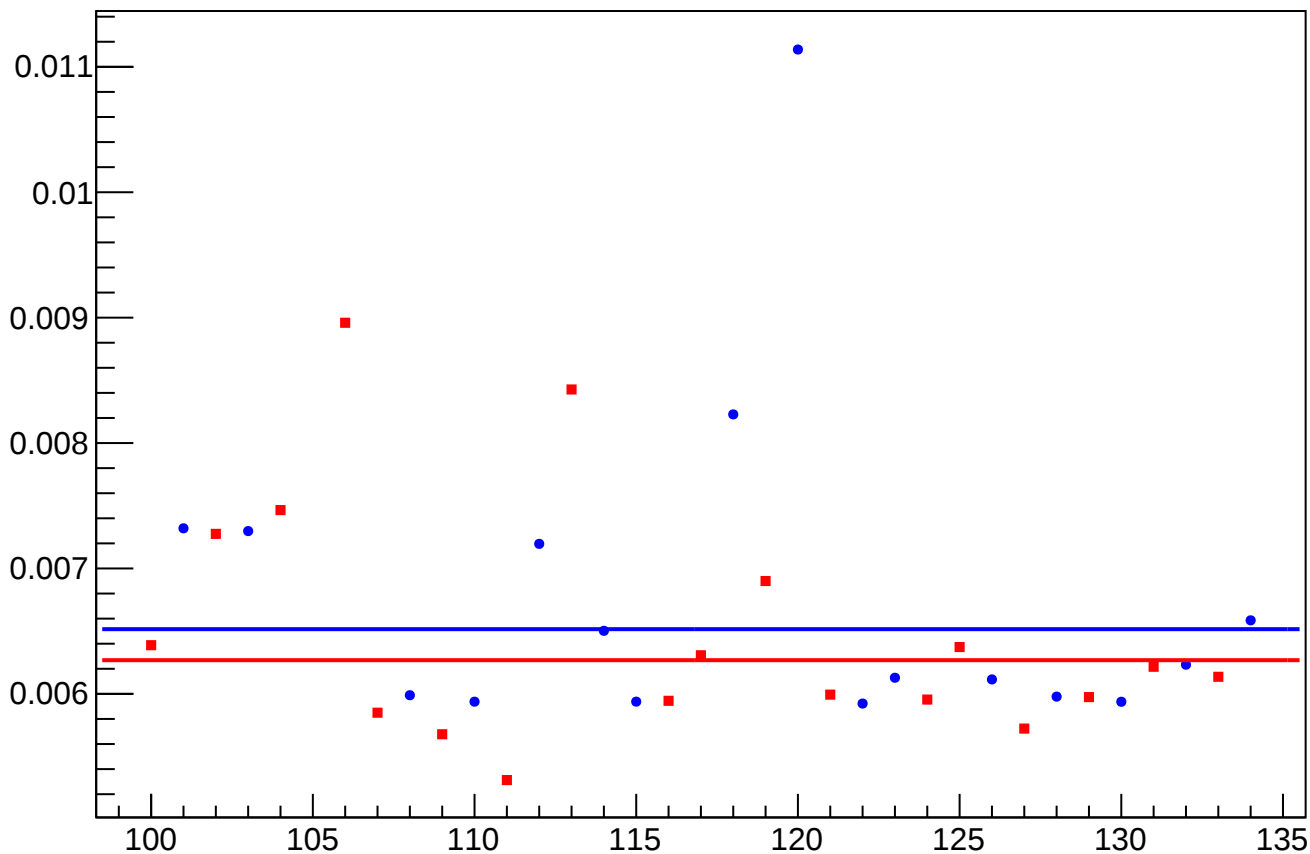
Right Out: -1.614+/-0.000 χ^2/NDF : 27849511081.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.503+/-0.000 χ^2/NDF : 22459597861.1/15

-1.614+/-0.000 χ^2/NDF : 27849511081.0/17

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 205242.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

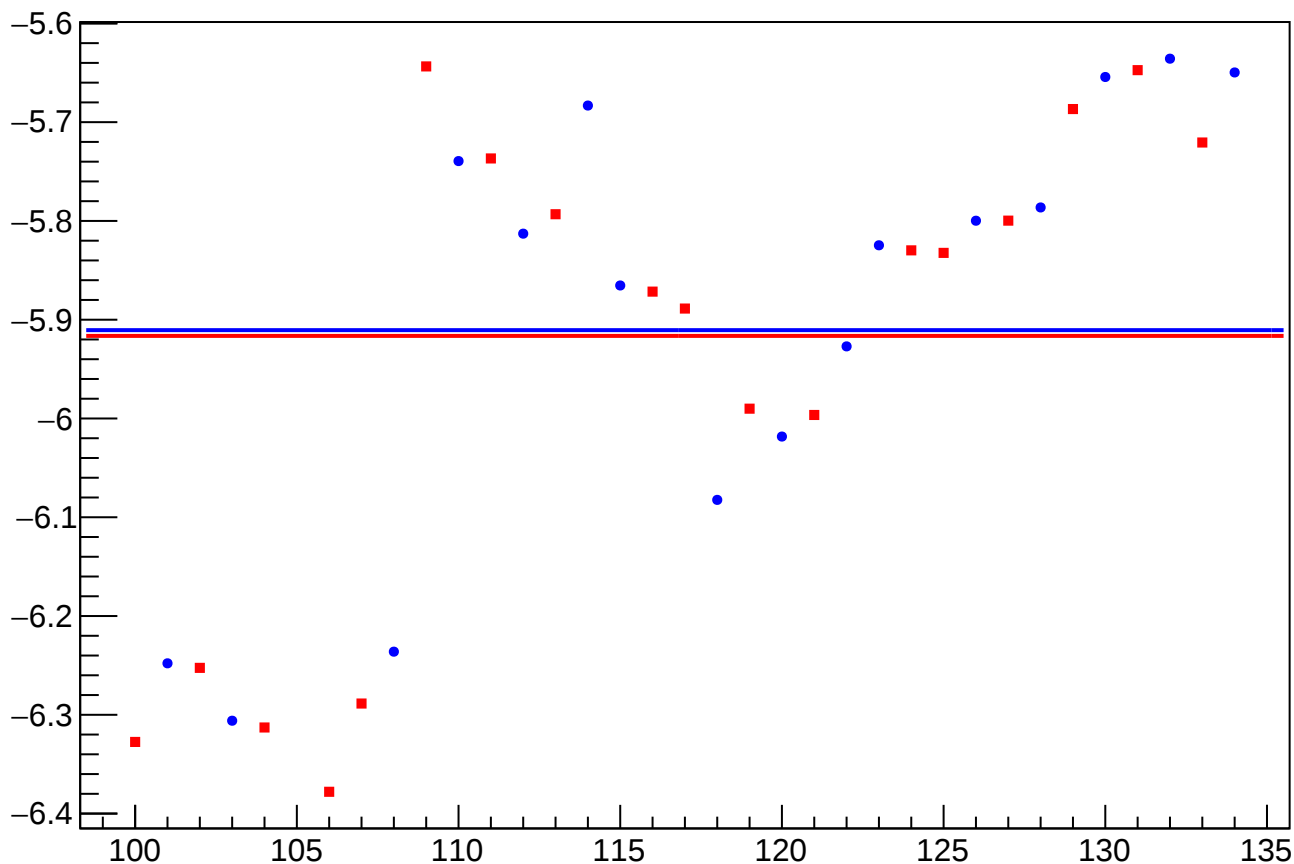
Right Out: 0.006+/-0.000 χ^2/NDF : 195533.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 205242.7/15

0.006+/-0.000 χ^2/NDF : 195533.7/17

yield_bpm0l01Y_mean vs Slug



Right In: -5.911+/-0.000 χ^2/NDF : 11154089598.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

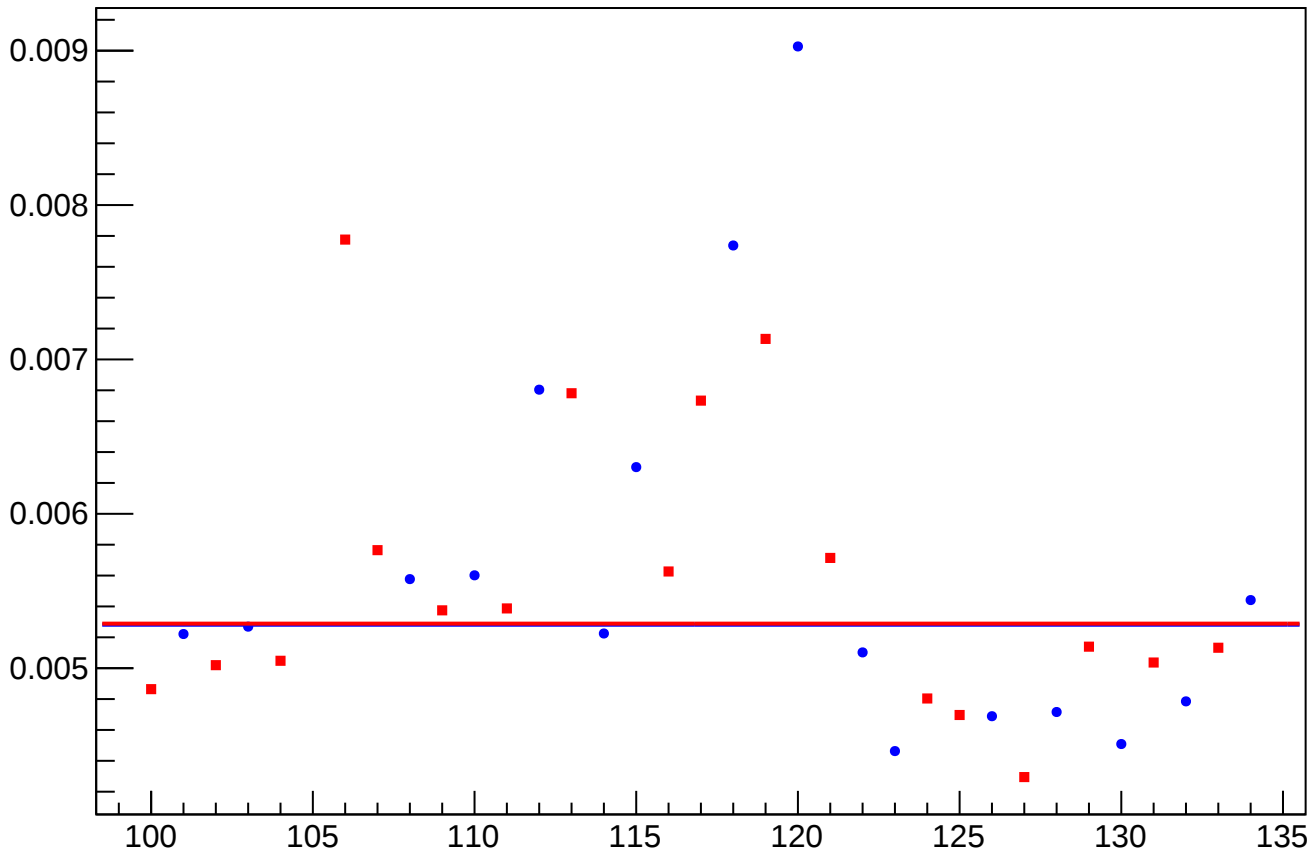
Right Out: -5.916+/-0.000 χ^2/NDF : 12723544837.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.911+/-0.000 χ^2/NDF : 11154089598.9/15

-5.916+/-0.000 χ^2/NDF : 12723544837.1/17

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 305174.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

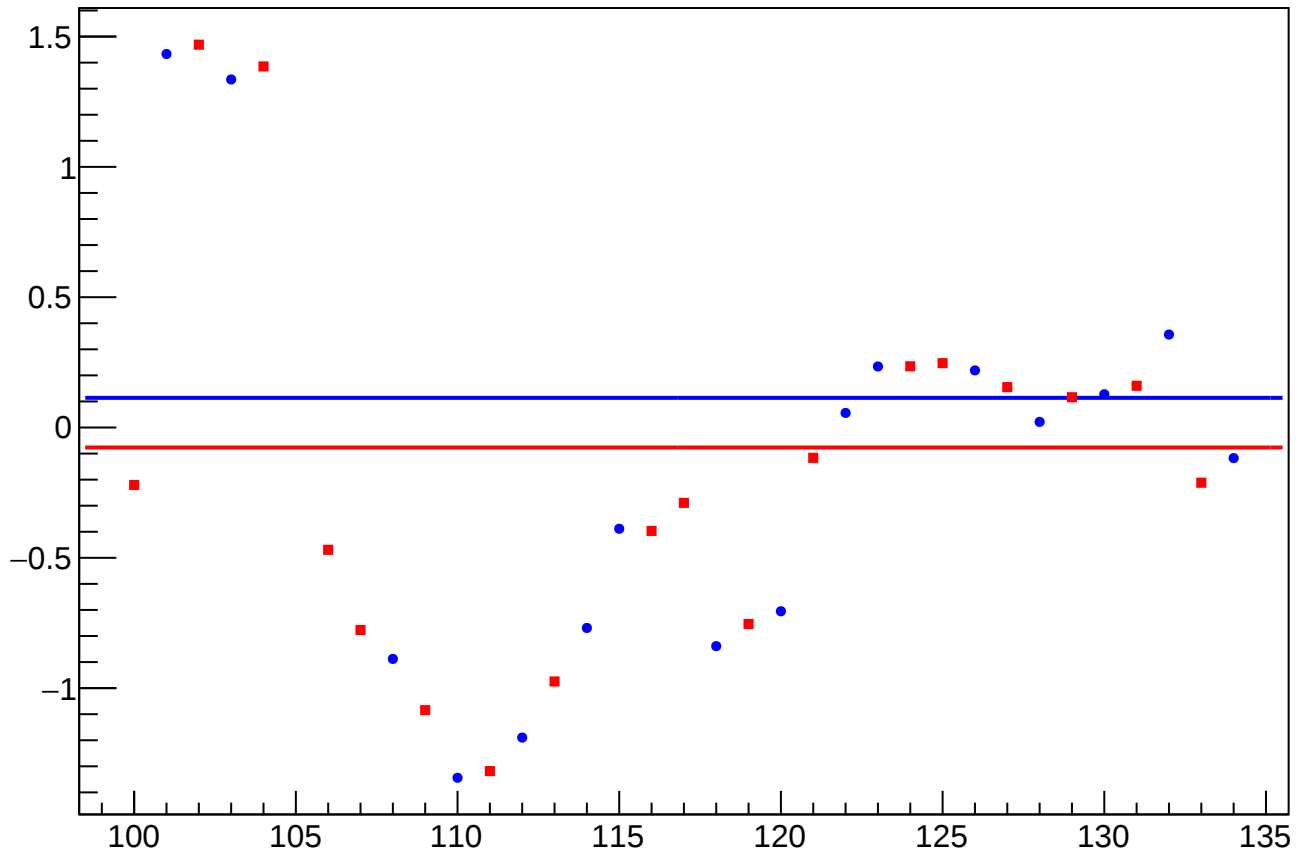
Right Out: 0.005+/-0.000 χ^2/NDF : 225984.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 305174.9/15

0.005+/-0.000 χ^2/NDF : 225984.5/17

yield_bpm0l02X_mean vs Slug



Right In: 0.114+/-0.000 χ^2/NDF : 16575943097.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

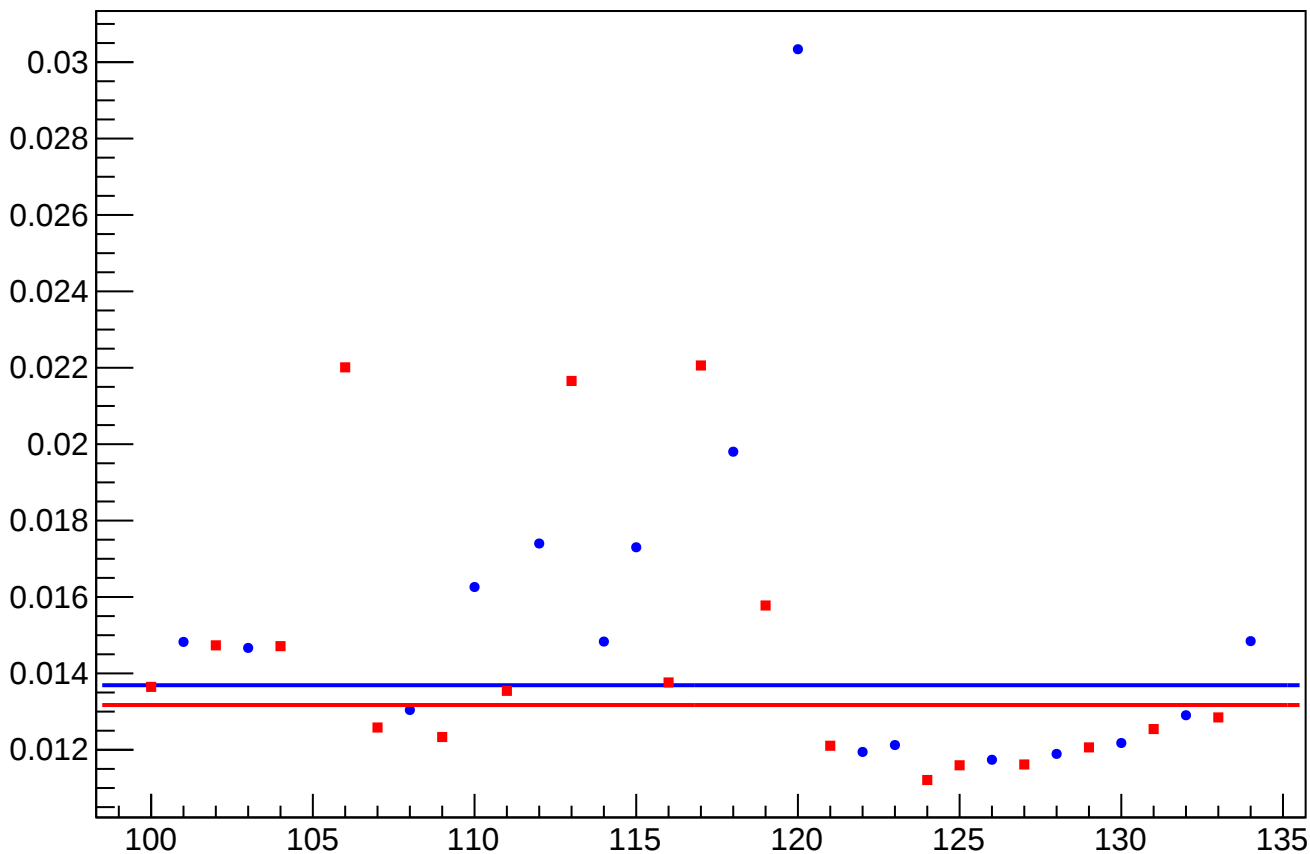
0.114+/-0.000 χ^2/NDF : 16575943097.0/15

Right Out: -0.077+/-0.000 χ^2/NDF : 20813404793.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.077+/-0.000 χ^2/NDF : 20813404793.9/17

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 379432.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

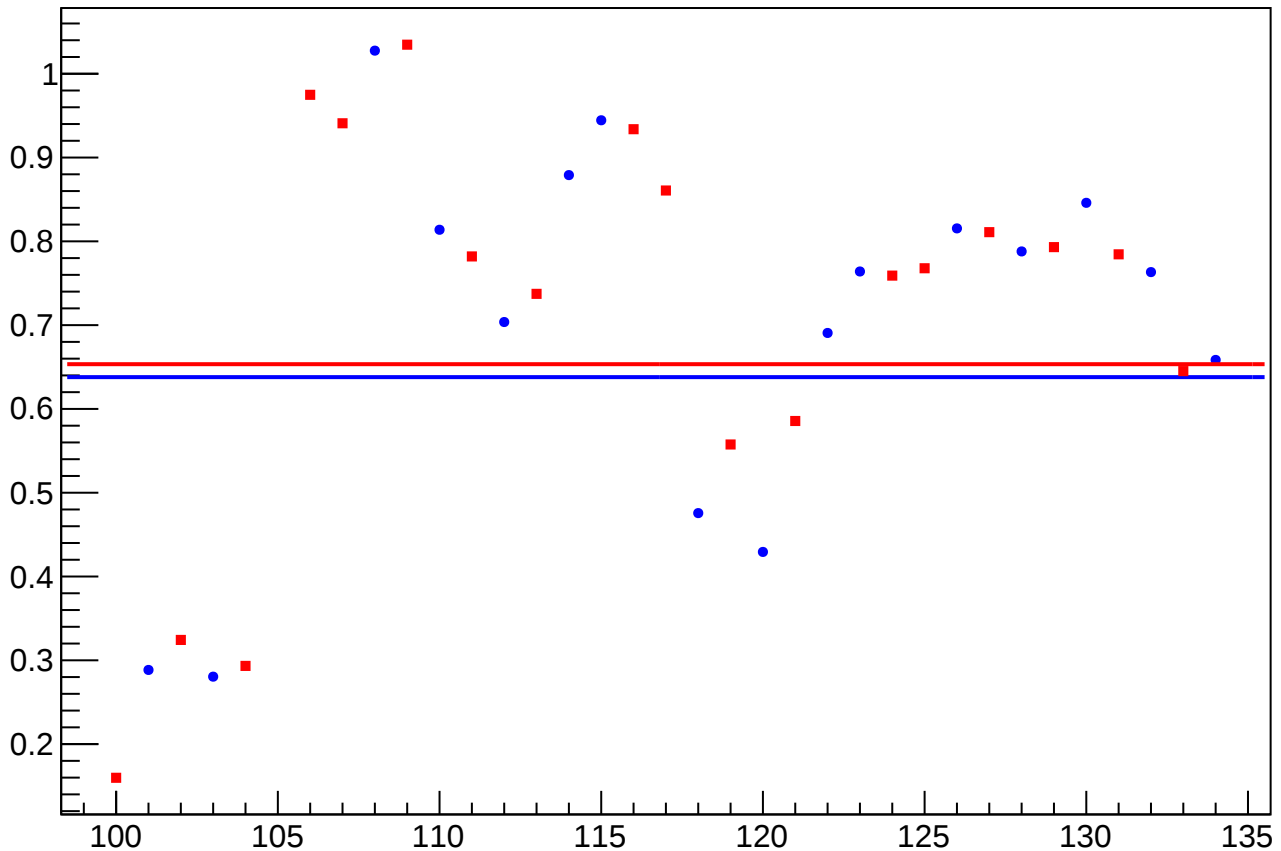
Right Out: 0.013+/-0.000 χ^2/NDF : 278705.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 379432.0/15

0.013+/-0.000 χ^2/NDF : 278705.8/17

yield_bpm0l02Y_mean vs Slug



Right In: 0.638+/-0.000 χ^2/NDF : 5188796635.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

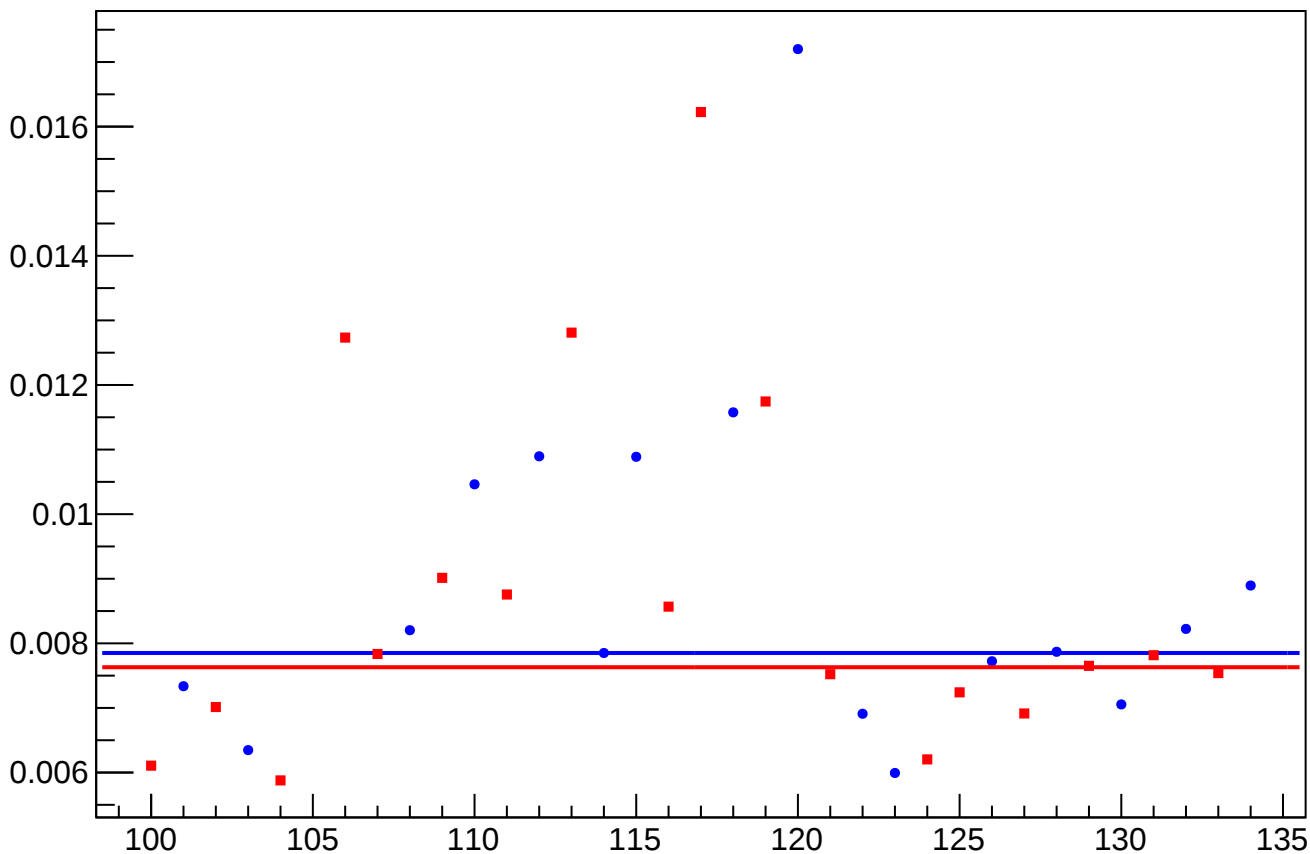
0.638+/-0.000 χ^2/NDF : 5188796635.9/15

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 : 464998.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

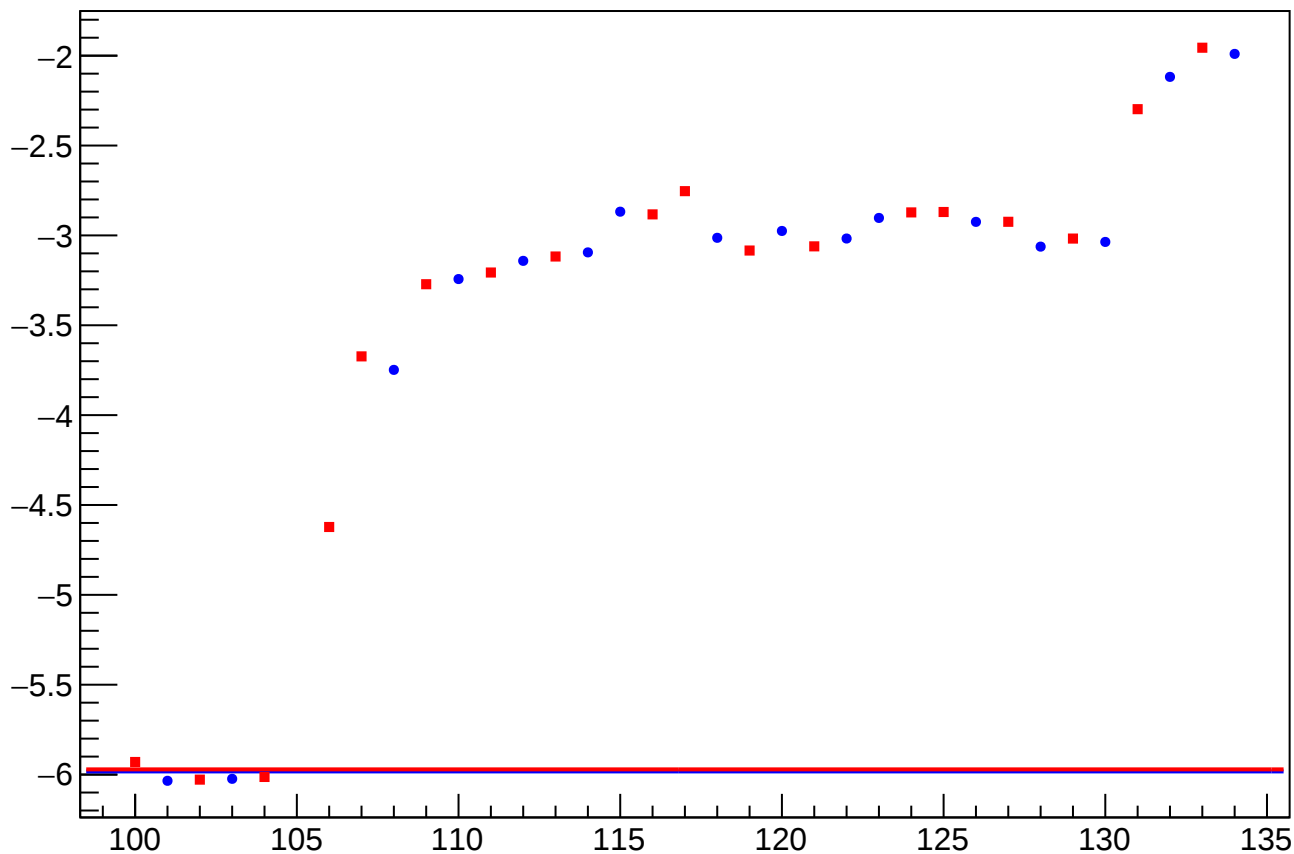
Right Out: 0.008+/-0.000 χ^2/NDF : 453943.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 464998.2/15

0.008+/-0.000 χ^2/NDF : 453943.4/17

yield_bpm0l03X_mean vs Slug



Right In: -5.982+/-0.000 χ^2/NDF : 6119432599.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

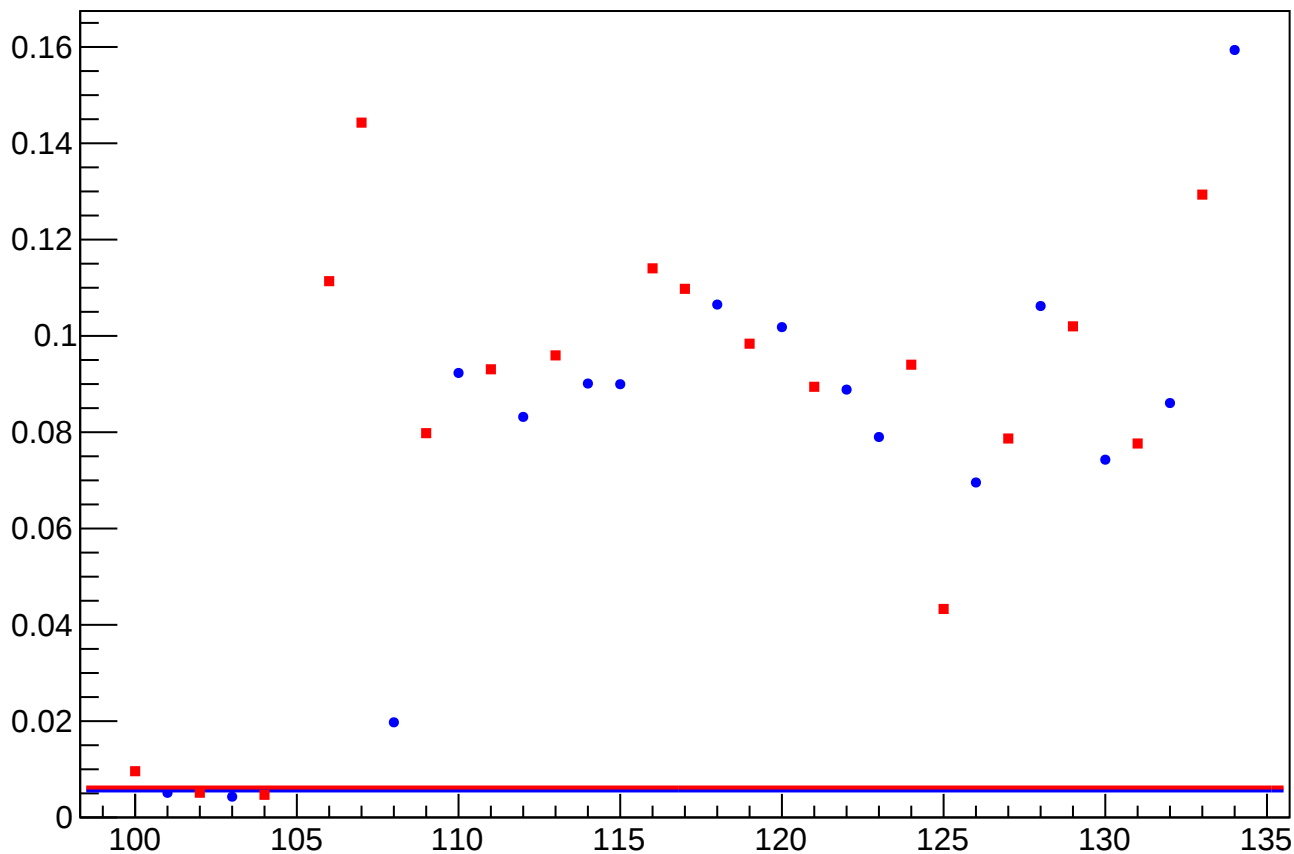
Right Out: -5.971+/-0.000 χ^2/NDF : 5462320056.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.982+/-0.000 χ^2/NDF : 6119432599.1/15

-5.971+/-0.000 χ^2/NDF : 5462320056.1/17

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 7023143.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

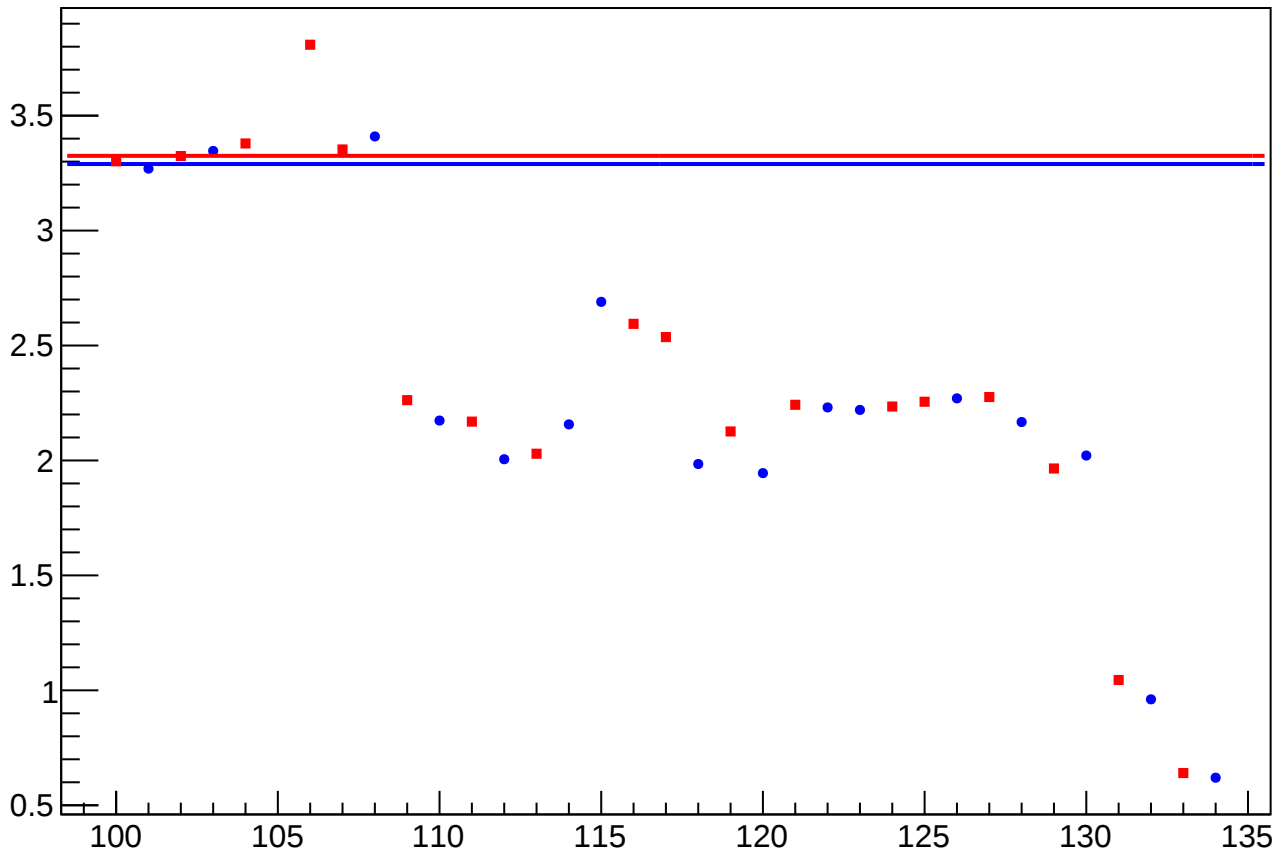
Right Out: 0.006+/-0.000 χ^2/NDF : 8122155.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7023143.1/15

0.006+/-0.000 χ^2/NDF : 8122155.8/17

yield_bpm0l03Y_mean vs Slug



Right In: 3.289+/-0.000 χ^2/NDF : 942888504.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

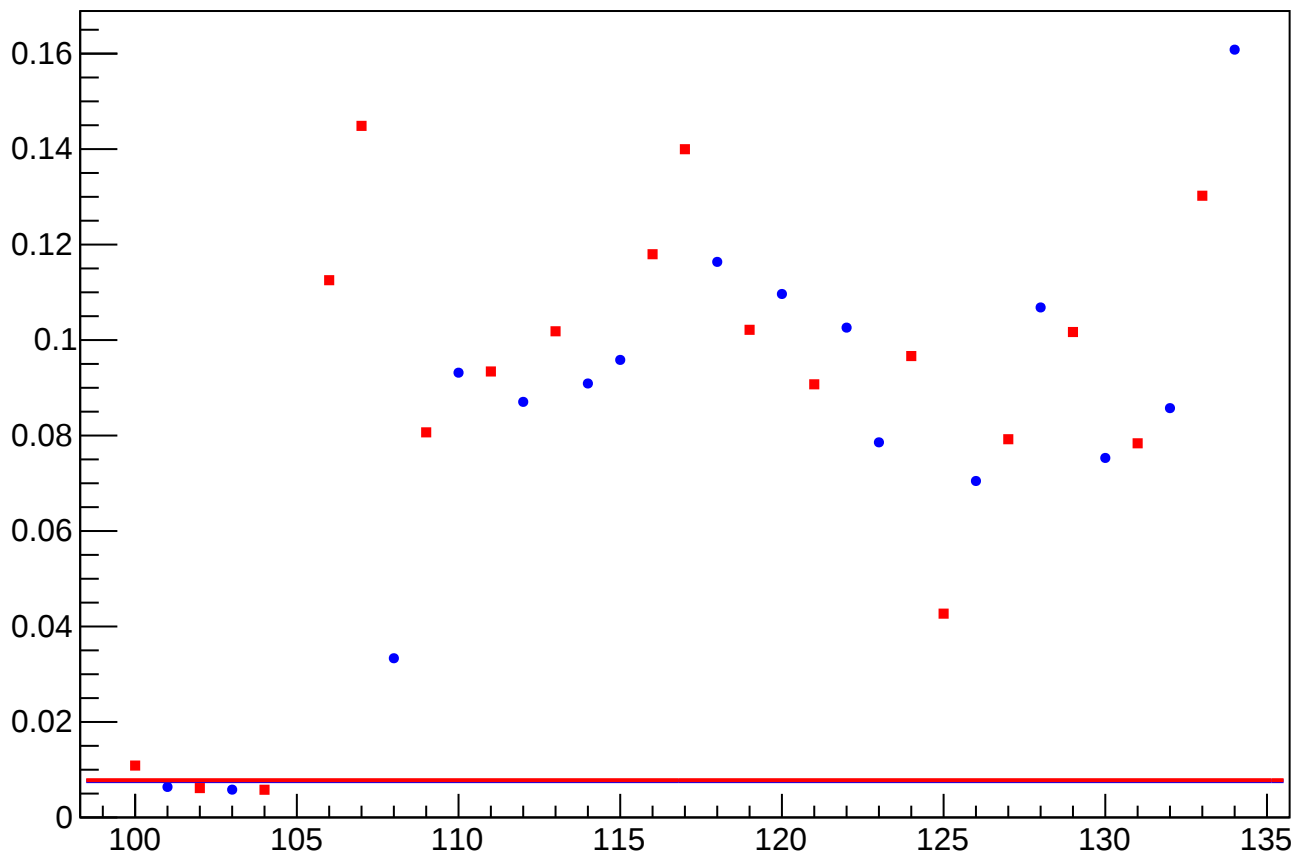
3.289+/-0.000 χ^2/NDF : 942888504.7/15

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 : 6932007.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

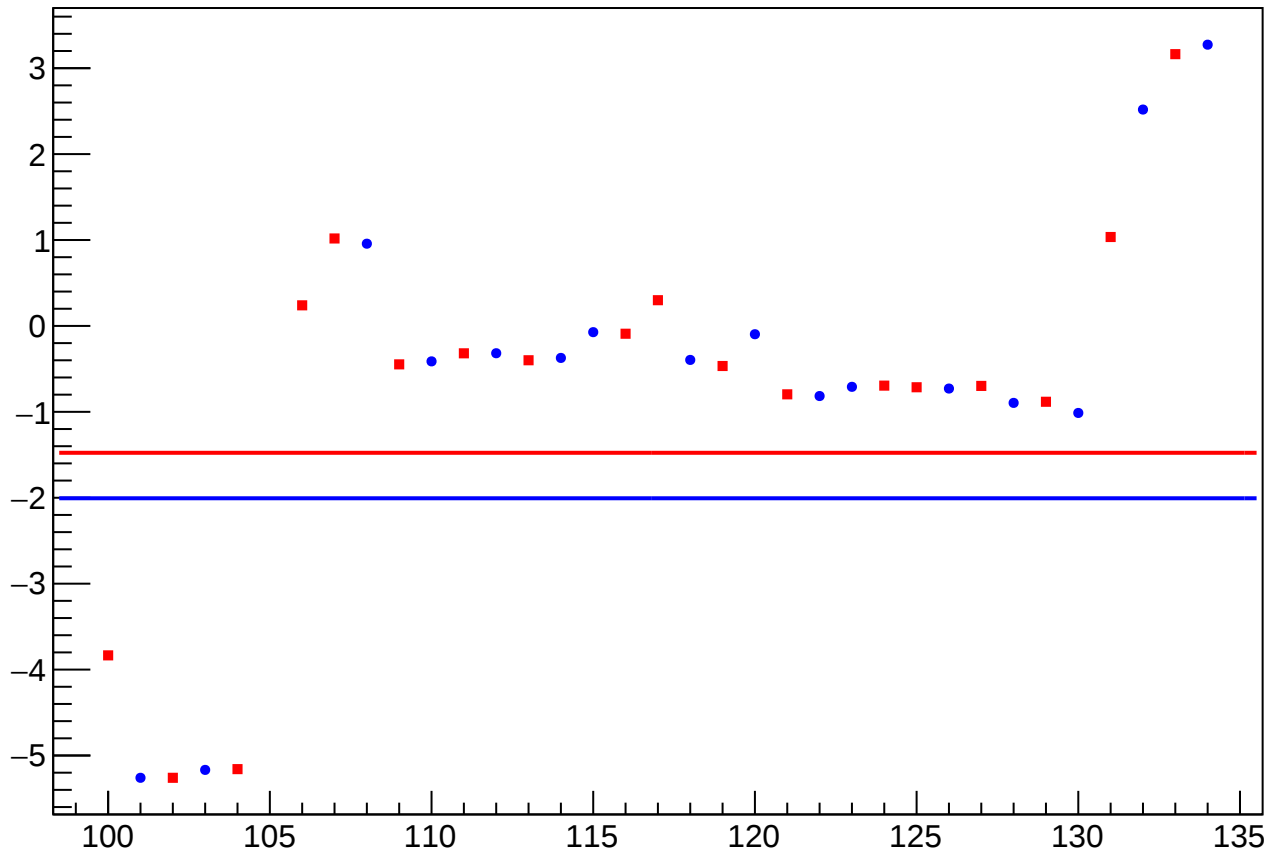
Right Out: 0.008+/-0.000 χ^2/NDF : 7879970.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 6932007.3/15

0.008+/-0.000 χ^2/NDF : 7879970.7/17

yield_bpm0l04X_mean vs Slug



Right In: -2.006+/-0.000 χ^2/NDF : 148441563456.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

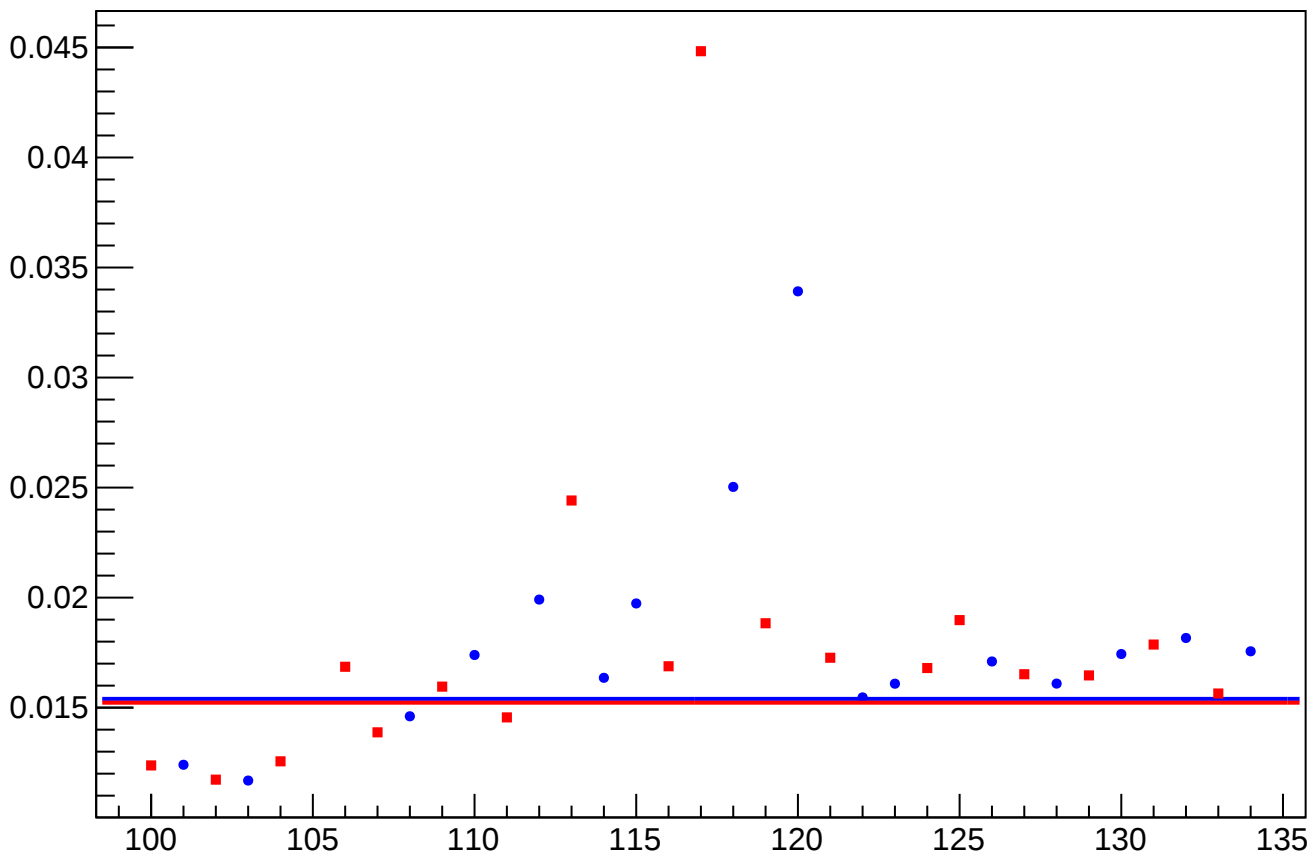
-2.006+/-0.000 χ^2/NDF : 148441563456.1/15

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 : 554230.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

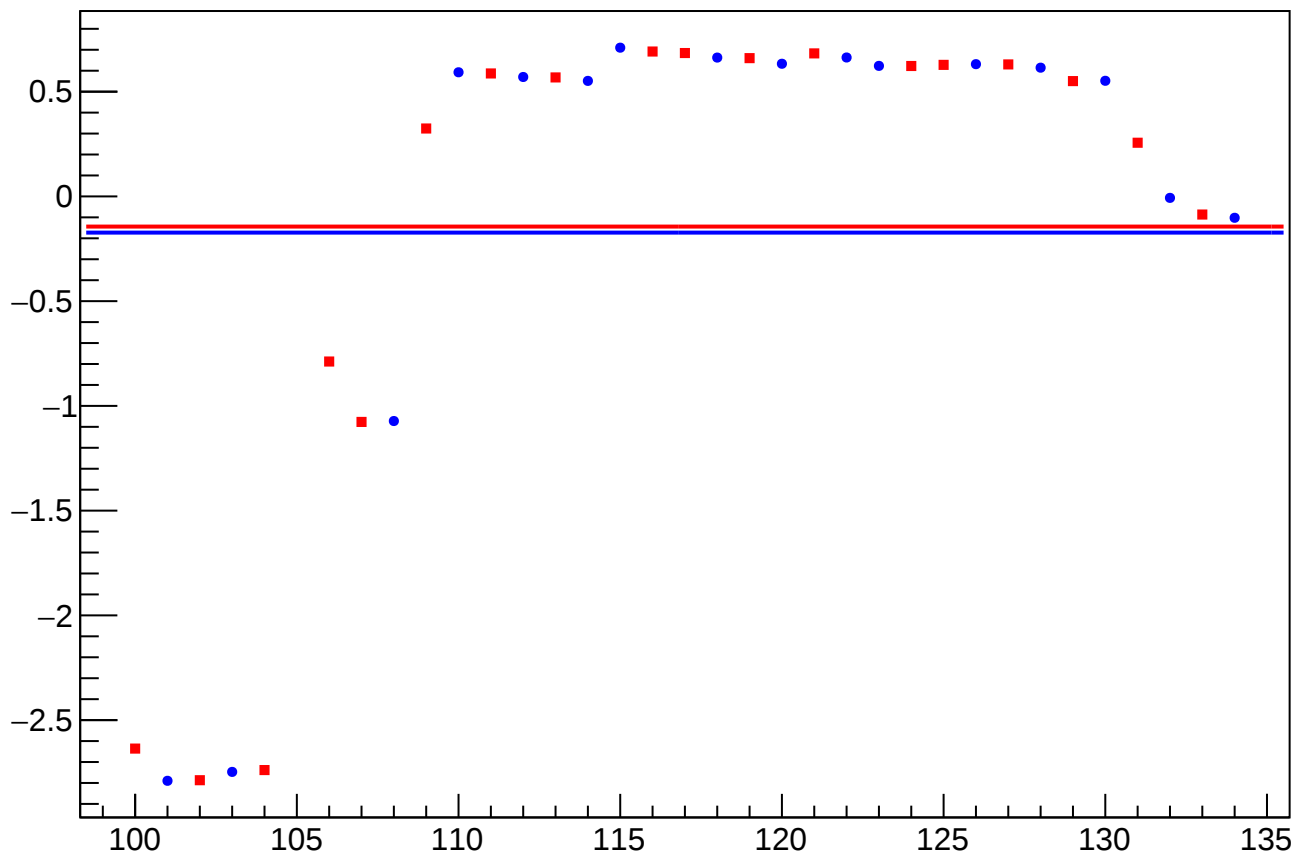
Right Out: 0.015+/-0.000 χ^2/NDF : 374199.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 554230.9/15

0.015+/-0.000 χ^2/NDF : 374199.3/17

yield_bpm0l04Y_mean vs Slug



Right In: -0.173+/-0.000 χ^2/NDF : 711251330465.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

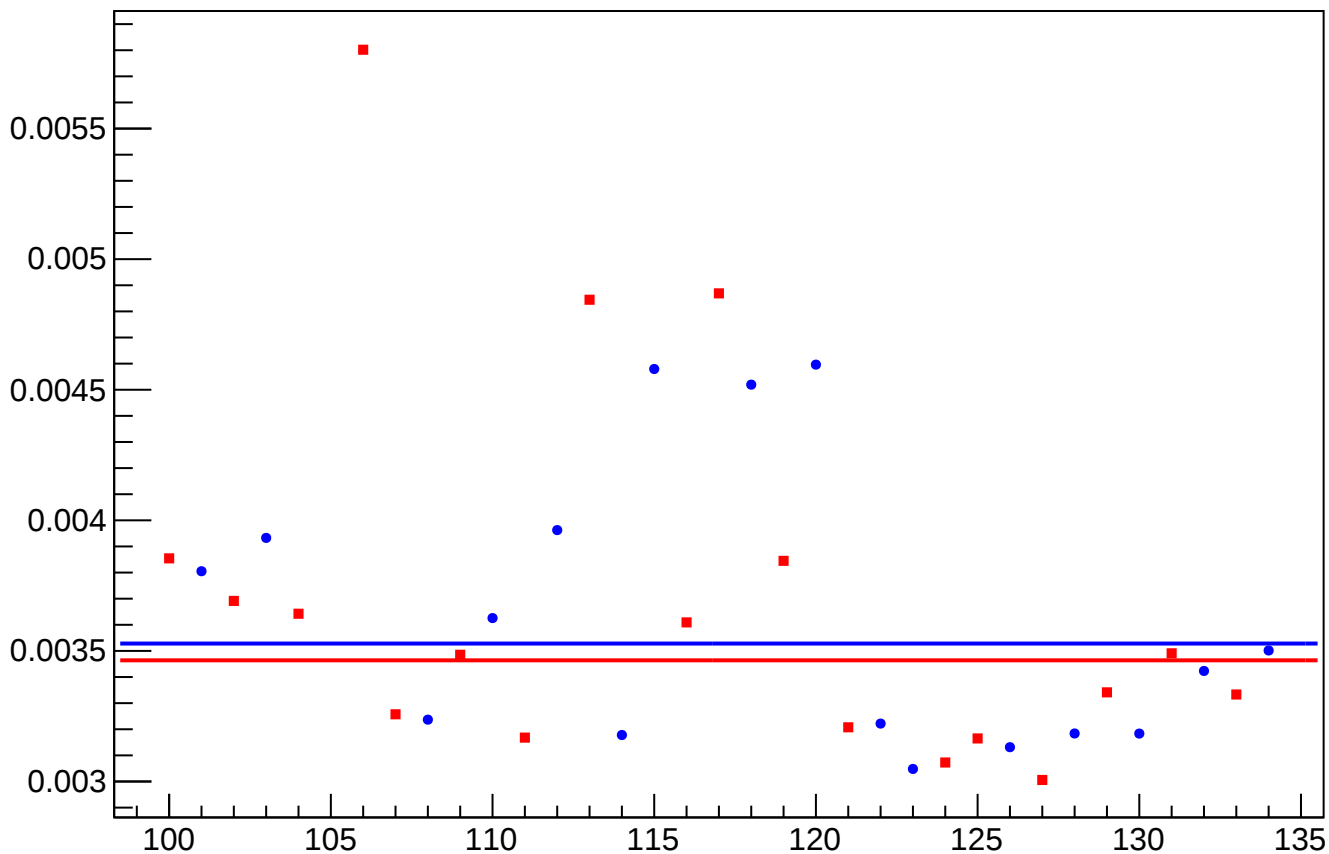
Right Out: -0.144+/-0.000 χ^2/NDF : 760097238085.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.173+/-0.000 χ^2/NDF : 711251330465.3/15

-0.144+/-0.000 χ^2/NDF : 760097238085.8/17

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 169139.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

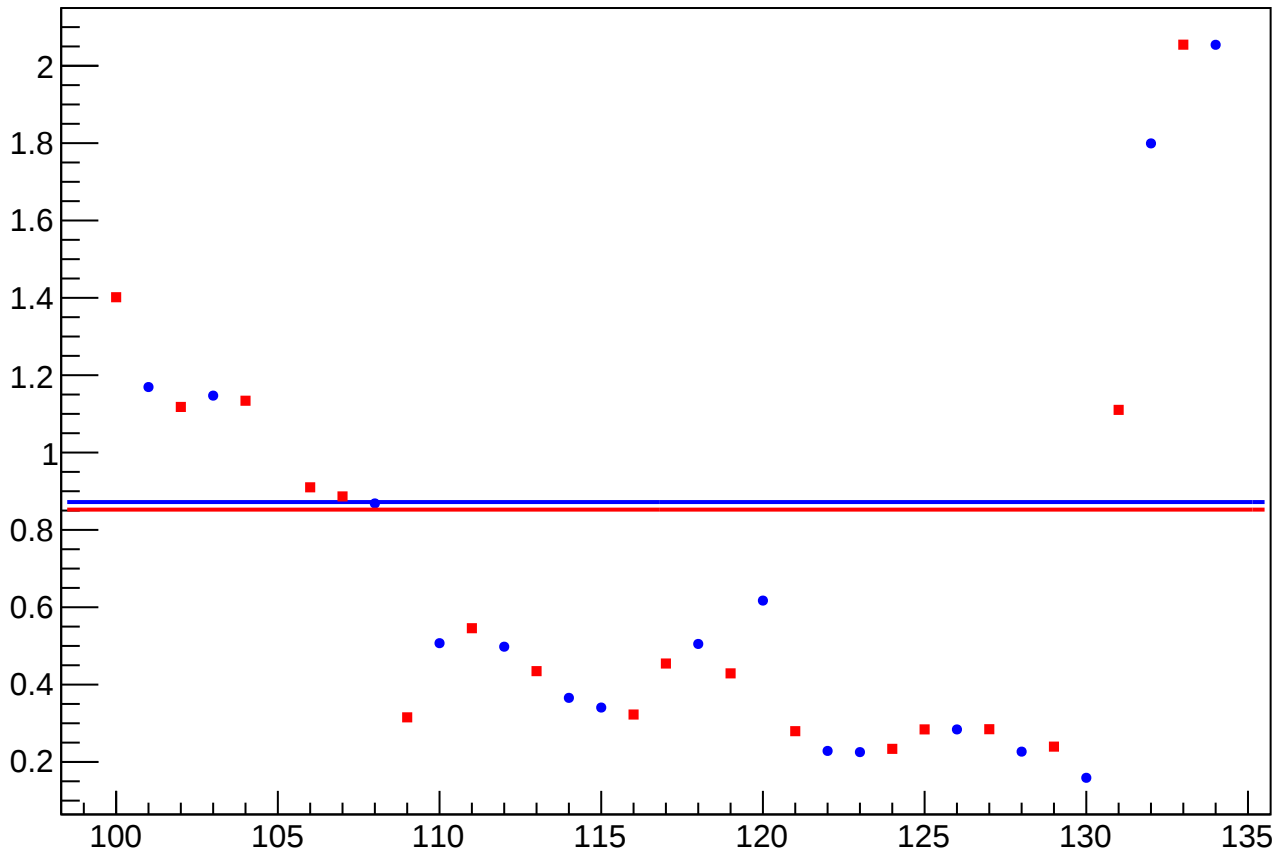
Right Out: 0.003+/-0.000 χ^2/NDF : 221558.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 169139.4/15

0.003+/-0.000 χ^2/NDF : 221558.3/17

yield_bpm0l05X_mean vs Slug



Right In: 0.872+/-0.000 χ^2/NDF : 29123751092.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

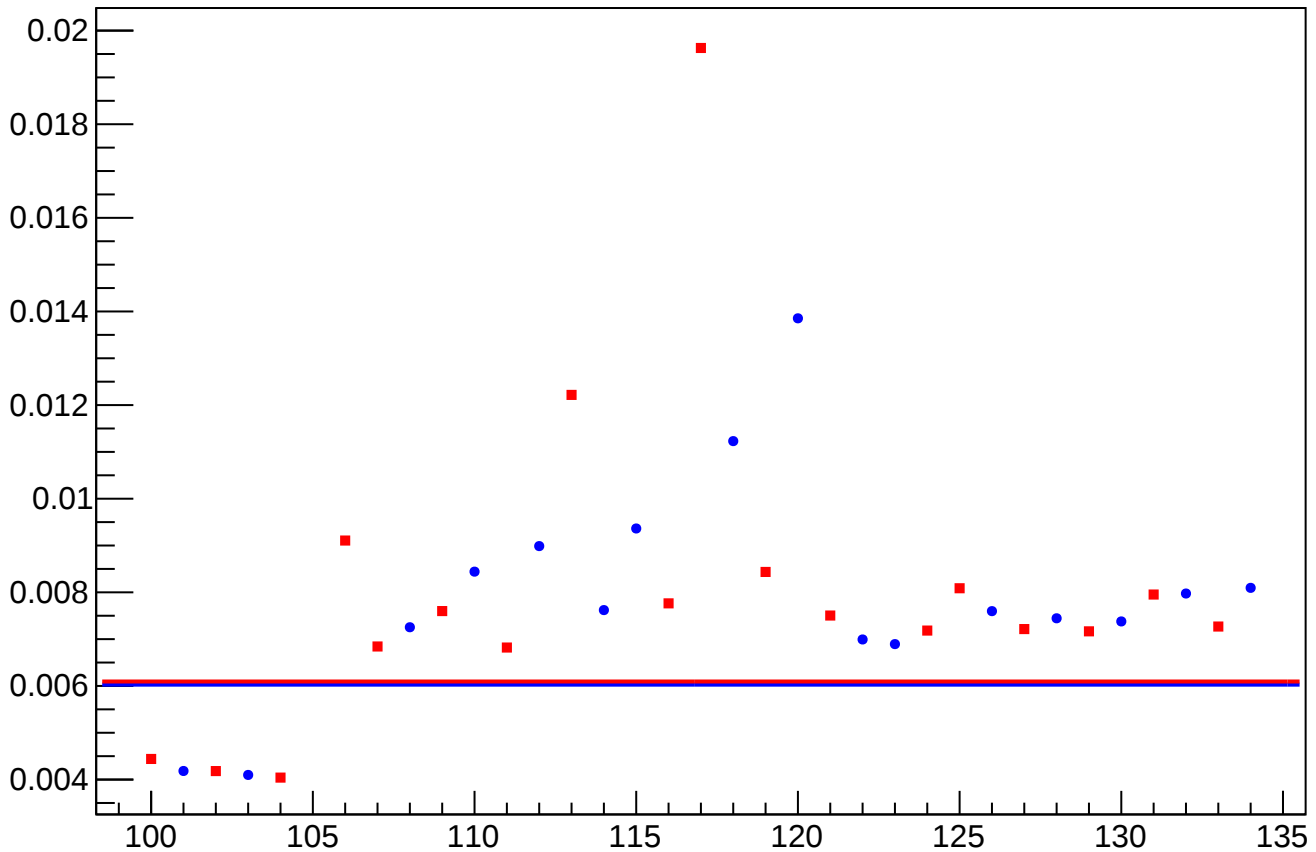
0.872+/-0.000 χ^2/NDF : 29123751092.0/15

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 : 1160314.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

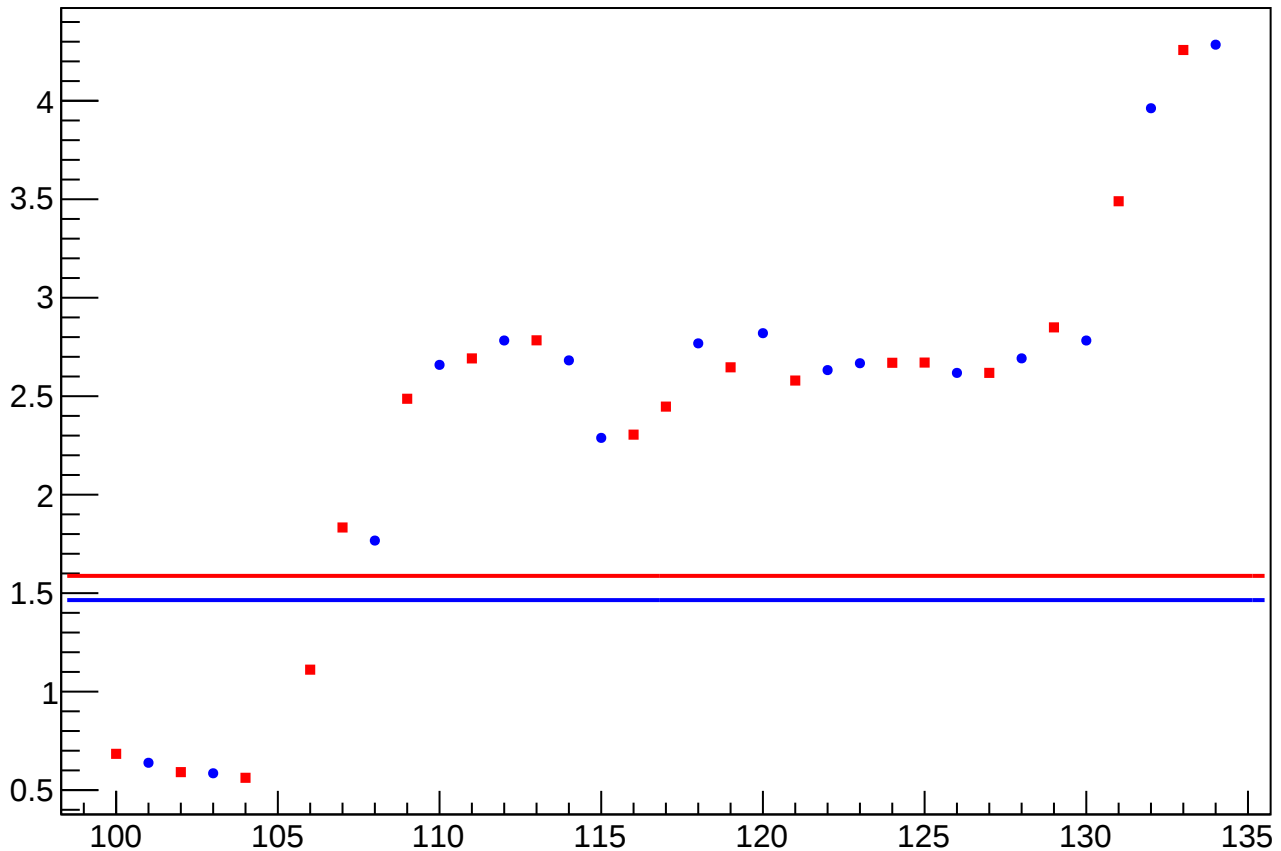
0.006+/-0.000 χ^2/NDF : 1160314.9/15

Right Out: 0.006+/-0.000 χ^2/NDF : 1021876.7/17

0.006+/-0.000 χ^2/NDF : 1021876.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 1.465+/-0.000 χ^2/NDF : 167090926732.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

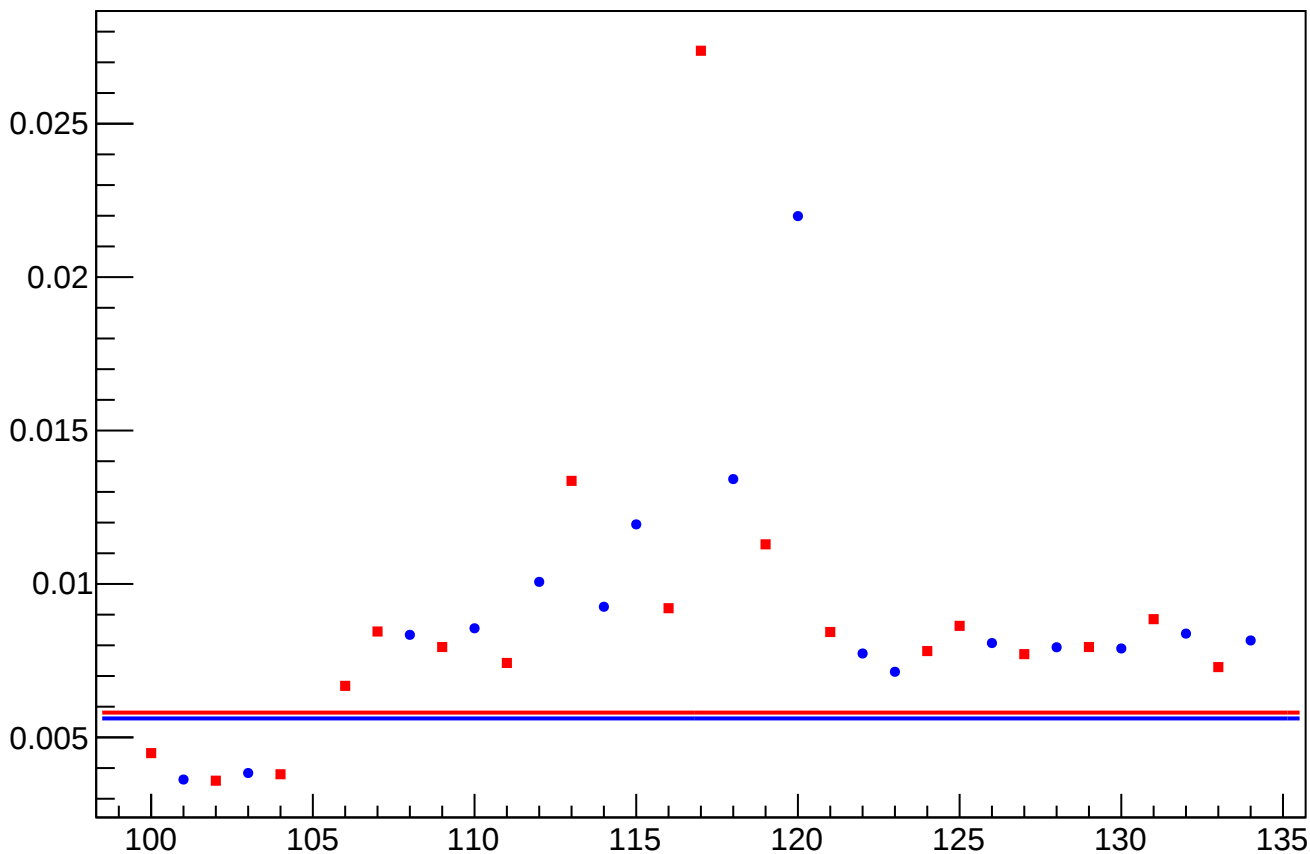
1.465+/-0.000 χ^2/NDF : 167090926732.0/15

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 : 1808781.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

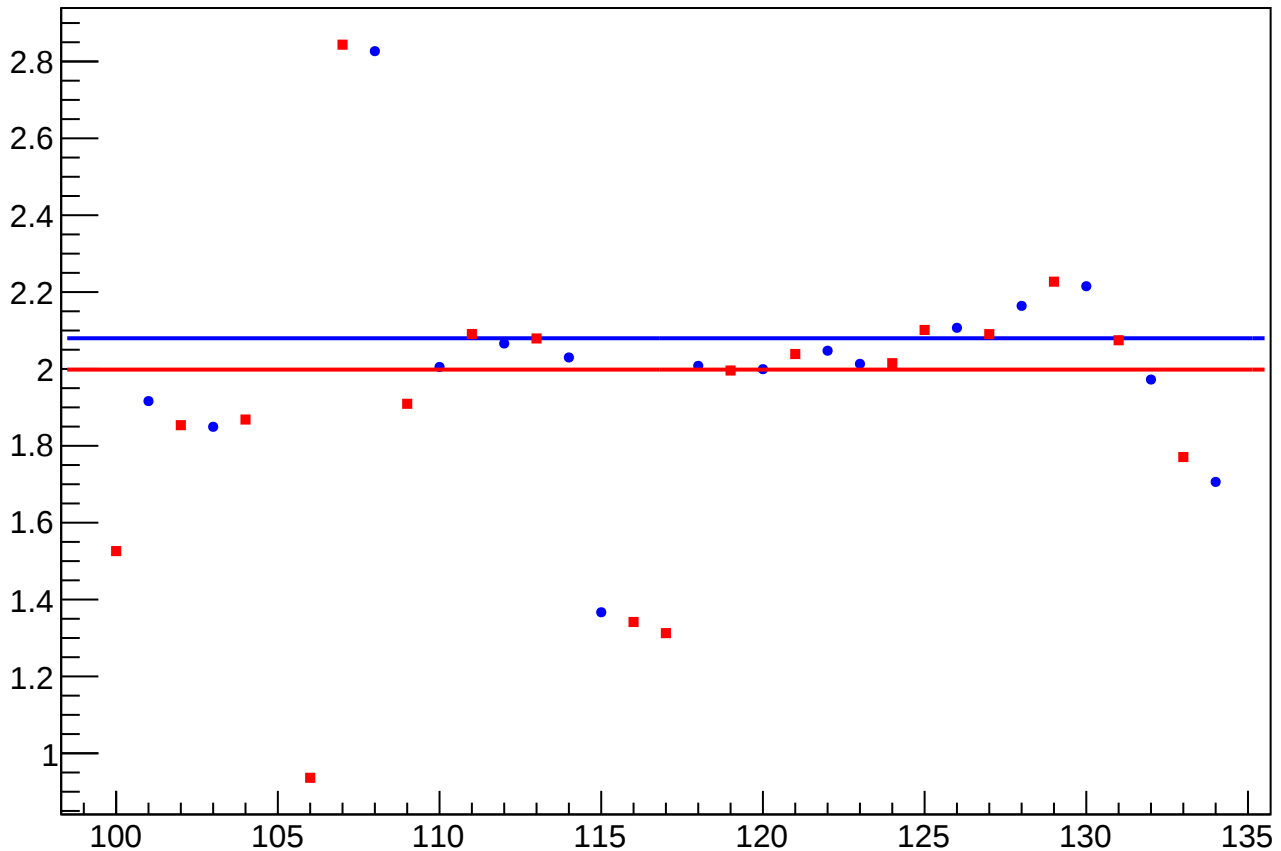
Right Out: 0.006+/-0.000 χ^2/NDF : 1655732.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1808781.2/15

0.006+/-0.000 χ^2/NDF : 1655732.2/17

yield_bpm0l06X_mean vs Slug



Right In: 2.080 $\pm$ 0.000 χ^2 /NDF: 8304649141.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

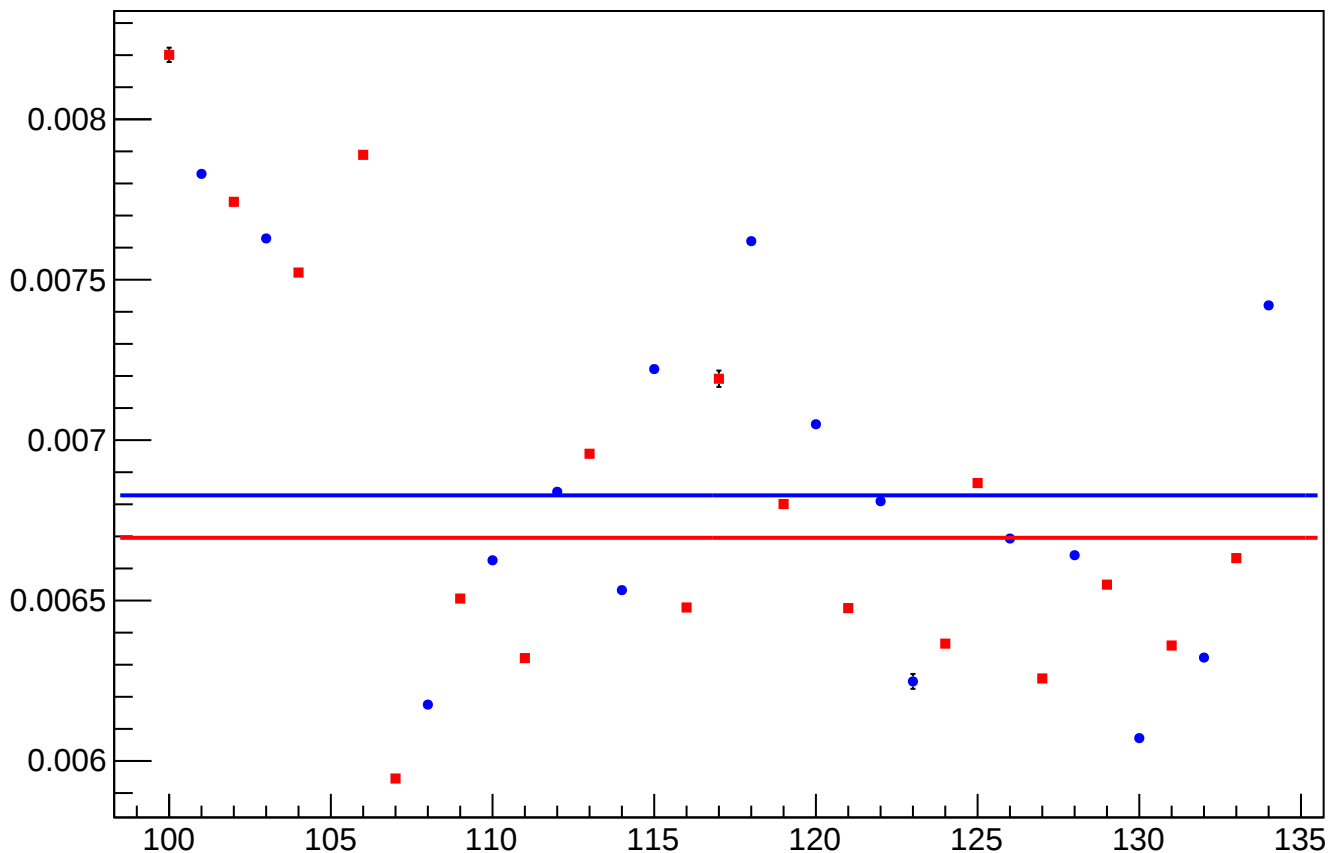
2.080 $\pm$ 0.000 χ^2 /NDF: 8304649141.3/15

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 : 75641.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

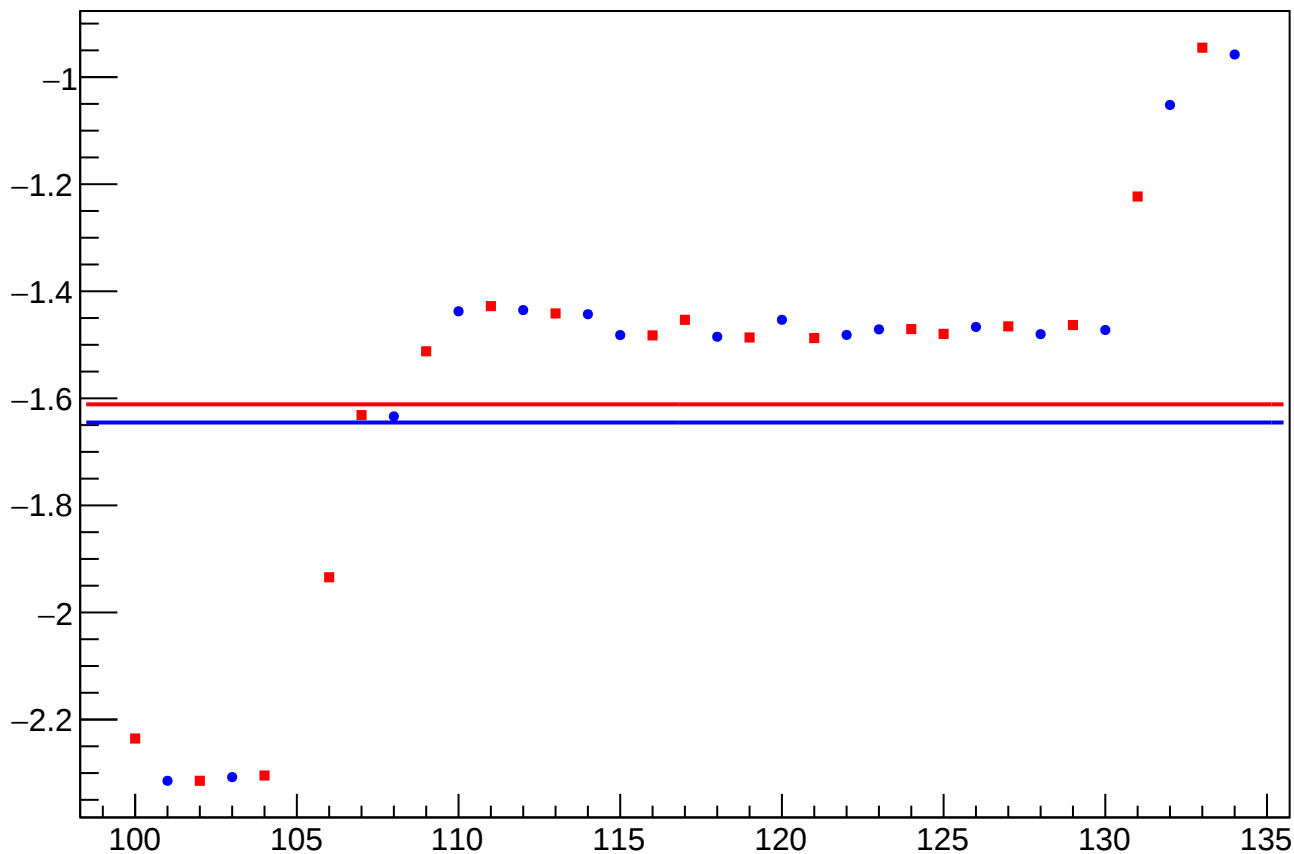
Right Out: 0.007+/-0.000 χ^2/NDF : 73320.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 75641.1/15

0.007+/-0.000 χ^2/NDF : 73320.6/17

yield_bpm0l06Y_mean vs Slug



Right In: -1.645 ± 0.000 χ^2/NDF : 129739003968.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

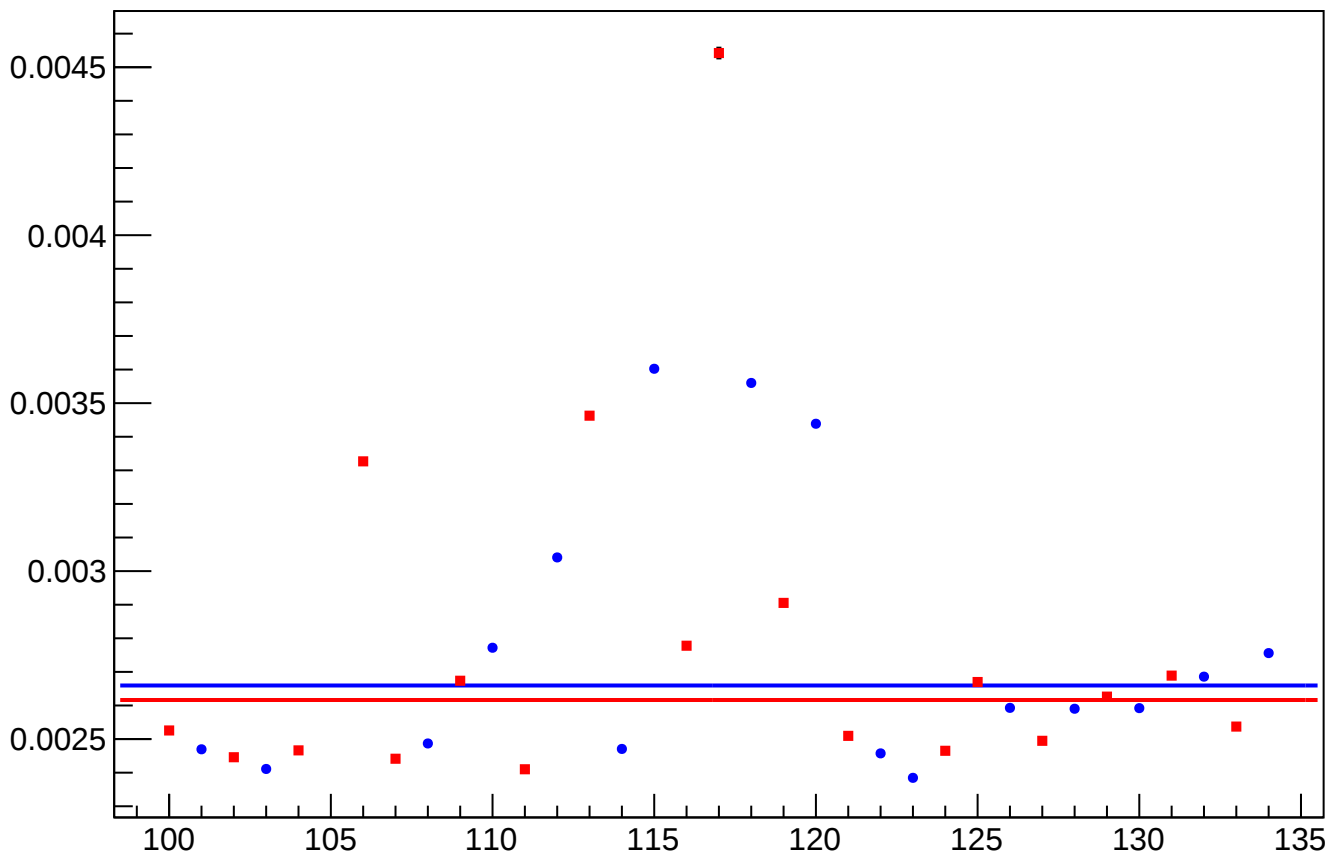
Right Out: -1.611 ± 0.000 χ^2/NDF : 136547682864.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.645 ± 0.000 χ^2/NDF : 129739003968.2/15

-1.611 ± 0.000 χ^2/NDF : 136547682864.3/17

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 148632.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

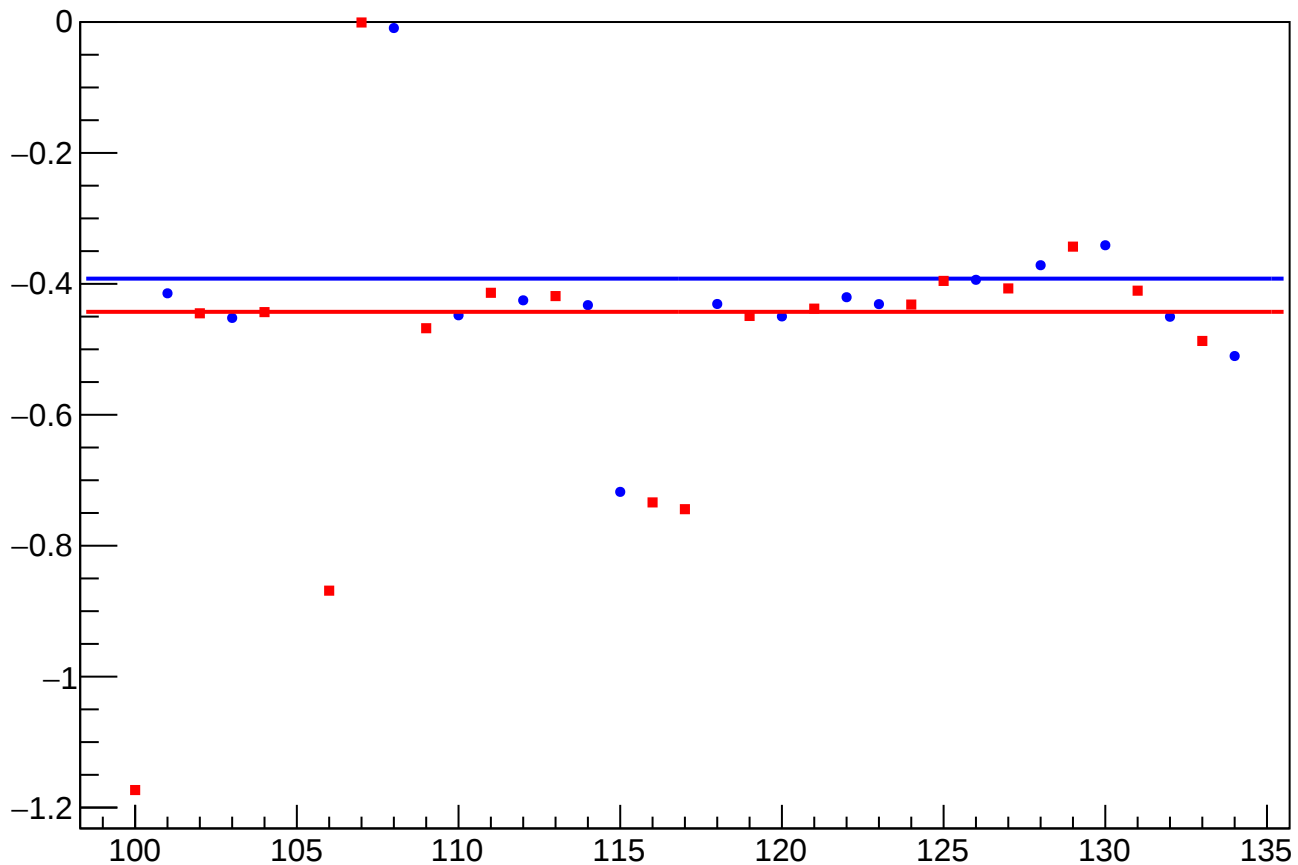
Right Out: 0.003+/-0.000 χ^2/NDF : 118305.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 148632.0/15

0.003+/-0.000 χ^2/NDF : 118305.0/17

yield_bpm0l07X_mean vs Slug



Right In: -0.392+/-0.000 χ^2/NDF : 700389277.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

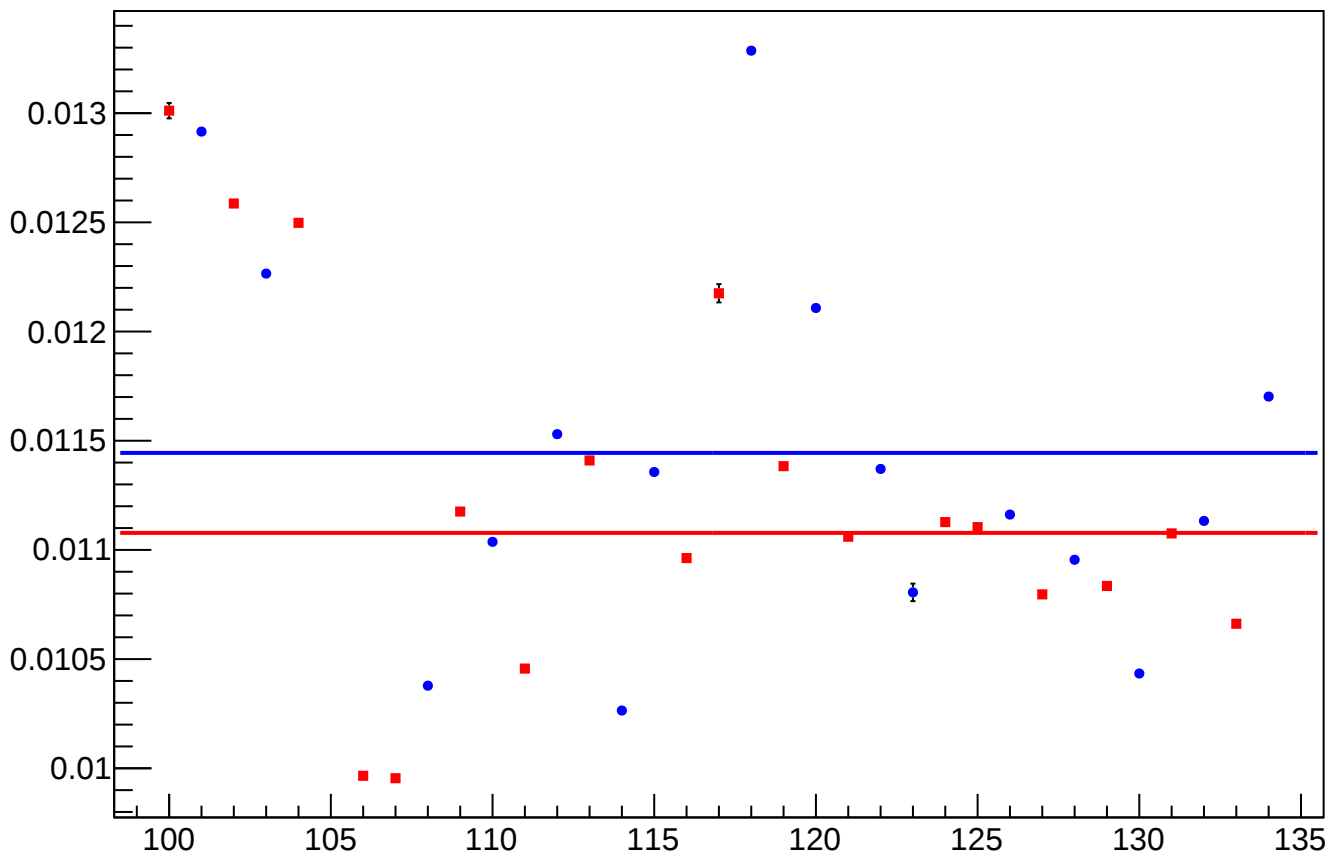
Right Out: -0.443+/-0.000 χ^2/NDF : 1696634028.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.392+/-0.000 χ^2/NDF : 700389277.2/15

-0.443+/-0.000 χ^2/NDF : 1696634028.0/17

yield_bpm0l07X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 64618.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

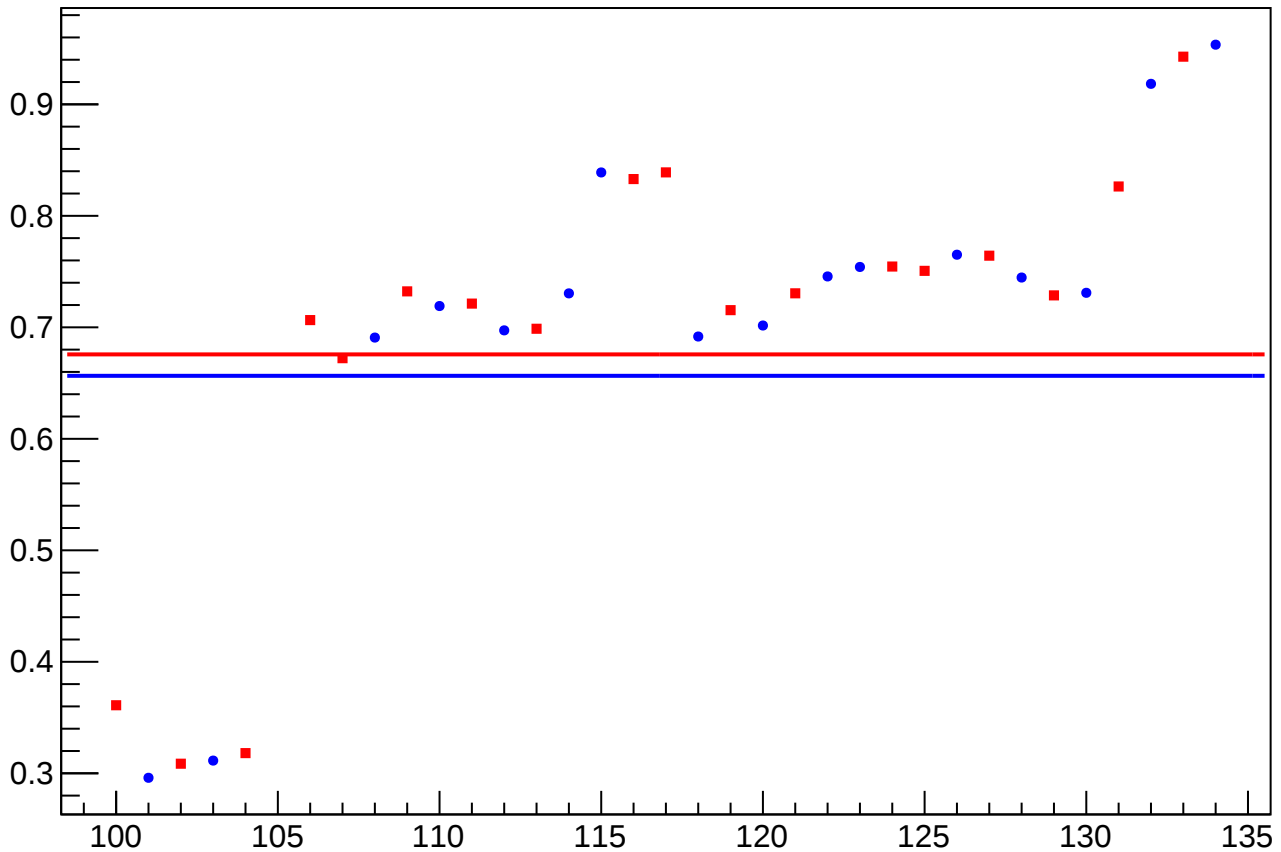
Right Out: 0.011+/-0.000 χ^2/NDF : 54402.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 64618.2/15

0.011+/-0.000 χ^2/NDF : 54402.3/17

yield_bpm0l07Y_mean vs Slug



Right In: 0.657+/-0.000 χ^2/NDF : 35625532376.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

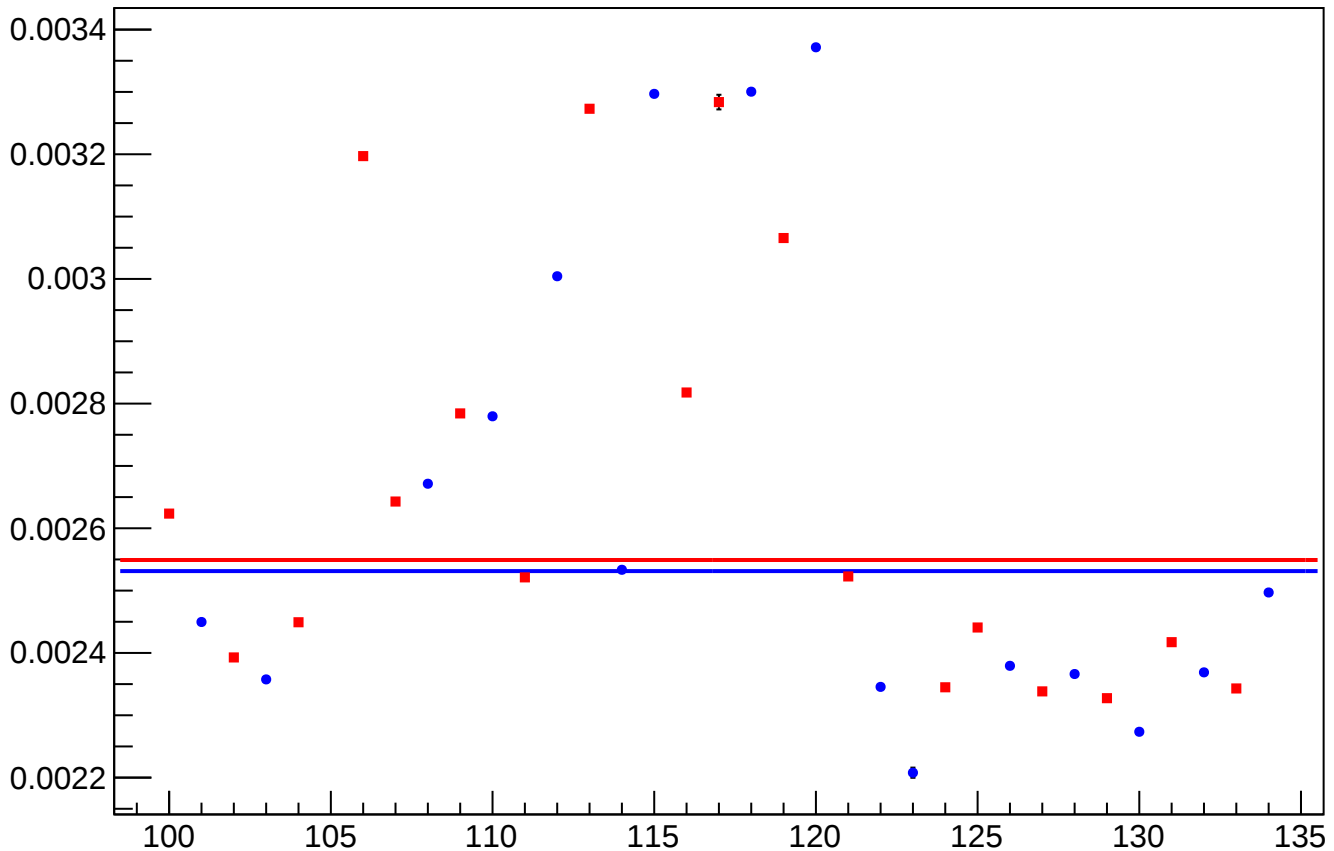
0.657+/-0.000 χ^2/NDF : 35625532376.0/15

Right Out: 0.676+/-0.000 χ^2/NDF : 33658142469.8/17

0.676+/-0.000 χ^2/NDF : 33658142469.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 167328.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

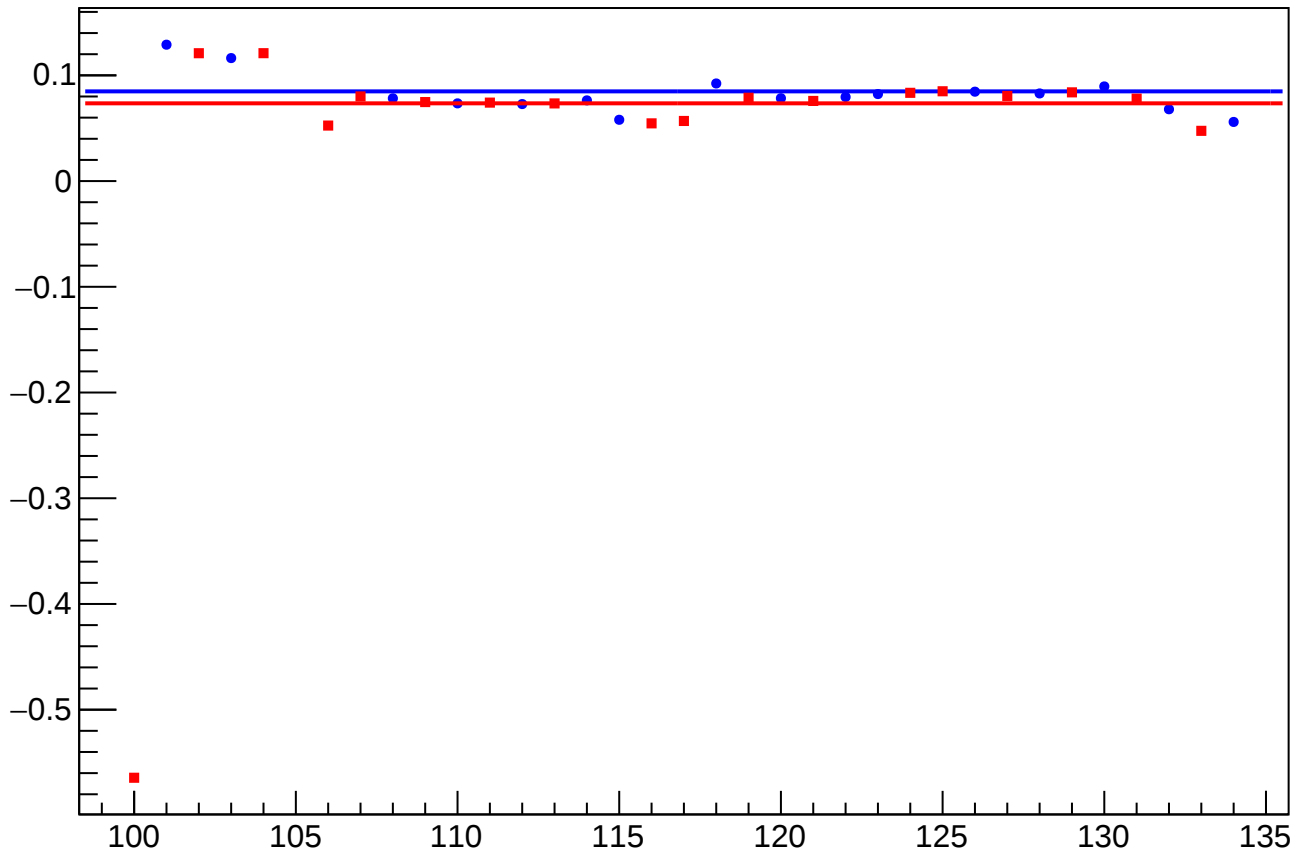
Right Out: 0.003+/-0.000 χ^2/NDF : 131477.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 167328.1/15

0.003+/-0.000 χ^2/NDF : 131477.3/17

yield_bpm0l08X_mean vs Slug



Right In: 0.085 ± 0.000 χ^2/NDF : 17988006.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

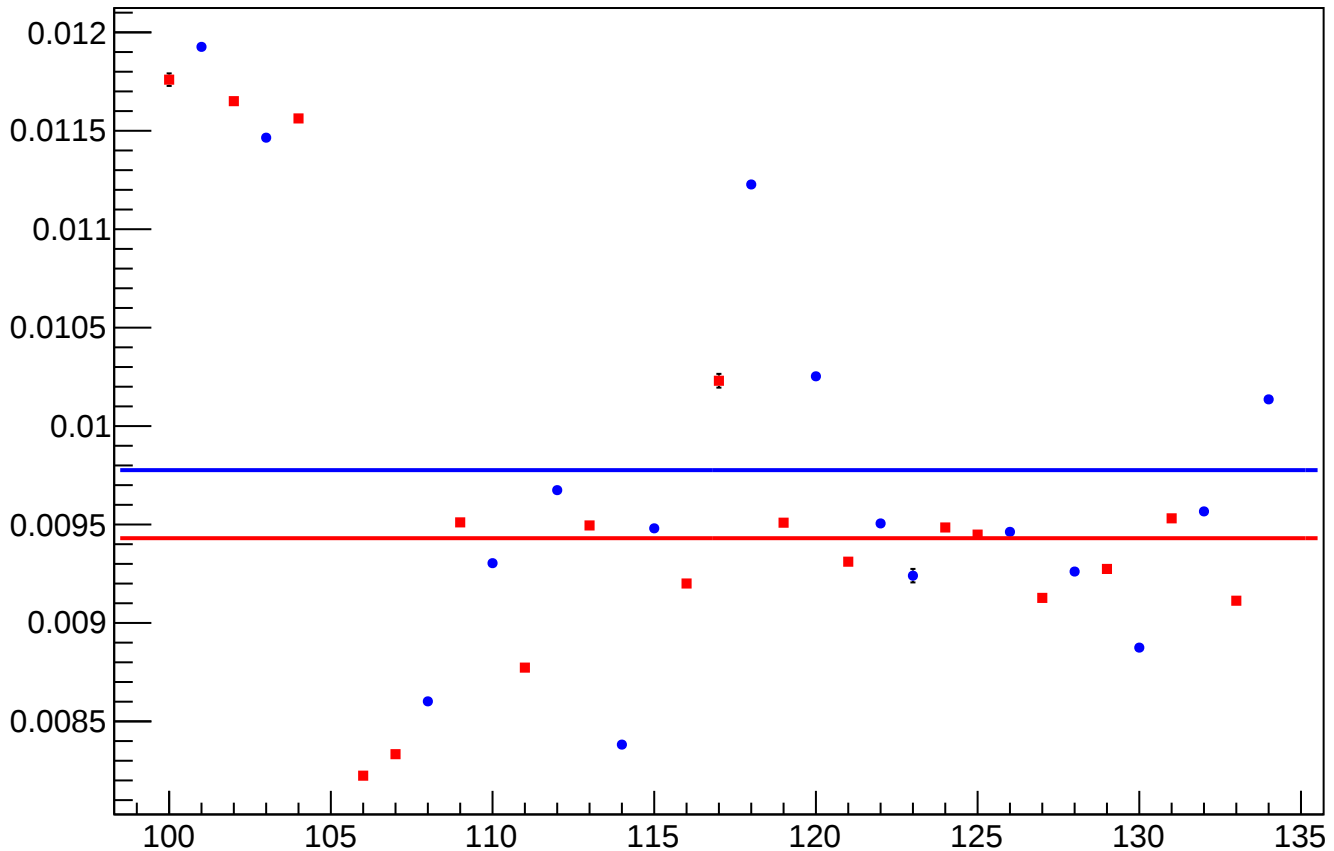
Right Out: 0.074 ± 0.000 χ^2/NDF : 225777742.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.085 ± 0.000 χ^2/NDF : 17988006.6/15

0.074 ± 0.000 χ^2/NDF : 225777742.2/17

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 116537.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

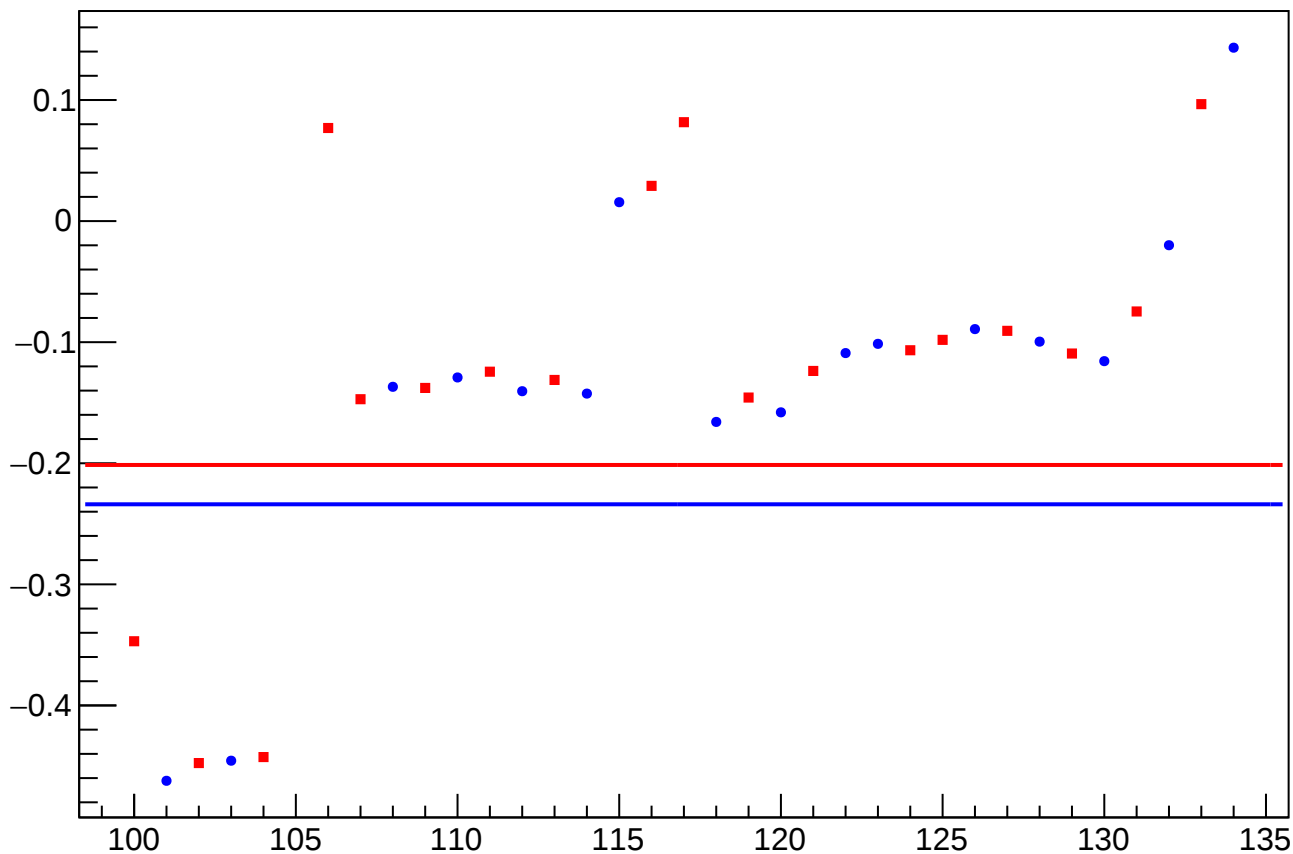
Right Out: 0.009+/-0.000 χ^2/NDF : 109445.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116537.0/15

0.009+/-0.000 χ^2/NDF : 109445.4/17

yield_bpm0l08Y_mean vs Slug



Right In: -0.234+/-0.000 χ^2/NDF : 7224930029.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

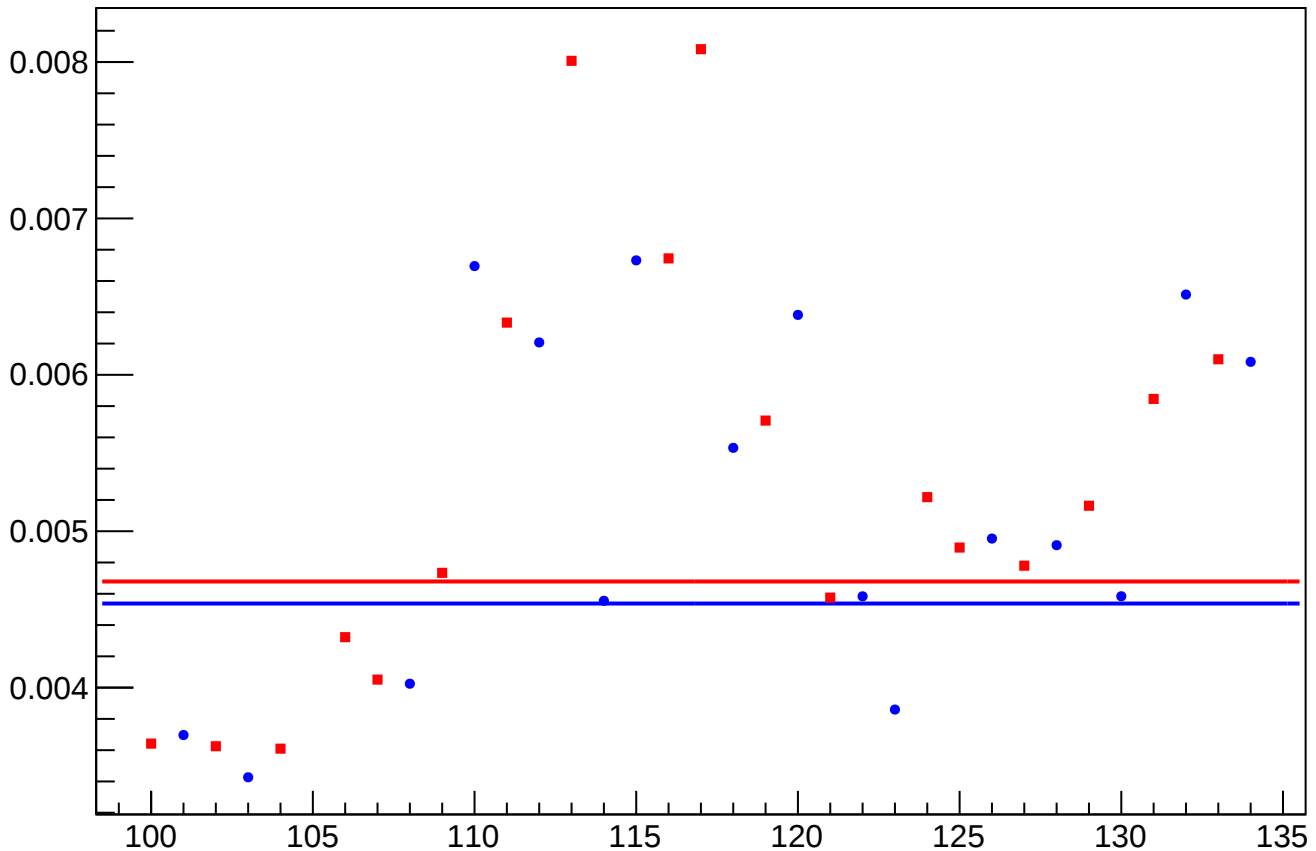
Right Out: -0.201+/-0.000 χ^2/NDF : 7725542767.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.234+/-0.000 χ^2/NDF : 7224930029.0/15

-0.201+/-0.000 χ^2/NDF : 7725542767.9/17

yield_bpm0l08Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 503747.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

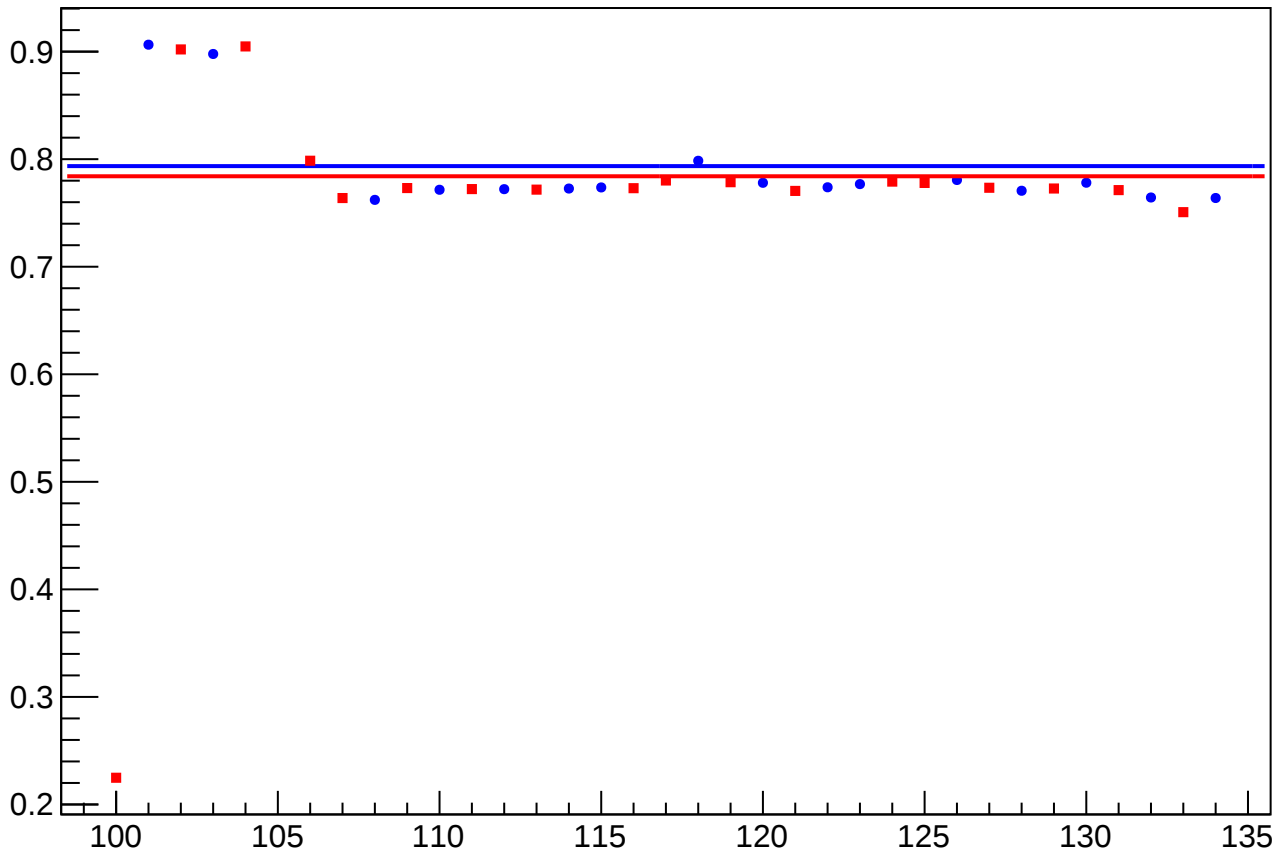
Right Out: 0.005+/-0.000 χ^2/NDF : 564192.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 503747.3/15

0.005+/-0.000 χ^2/NDF : 564192.9/17

yield_bpm0l09X_mean vs Slug



Right In: 0.794+/-0.000 χ^2/NDF : 103704053.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

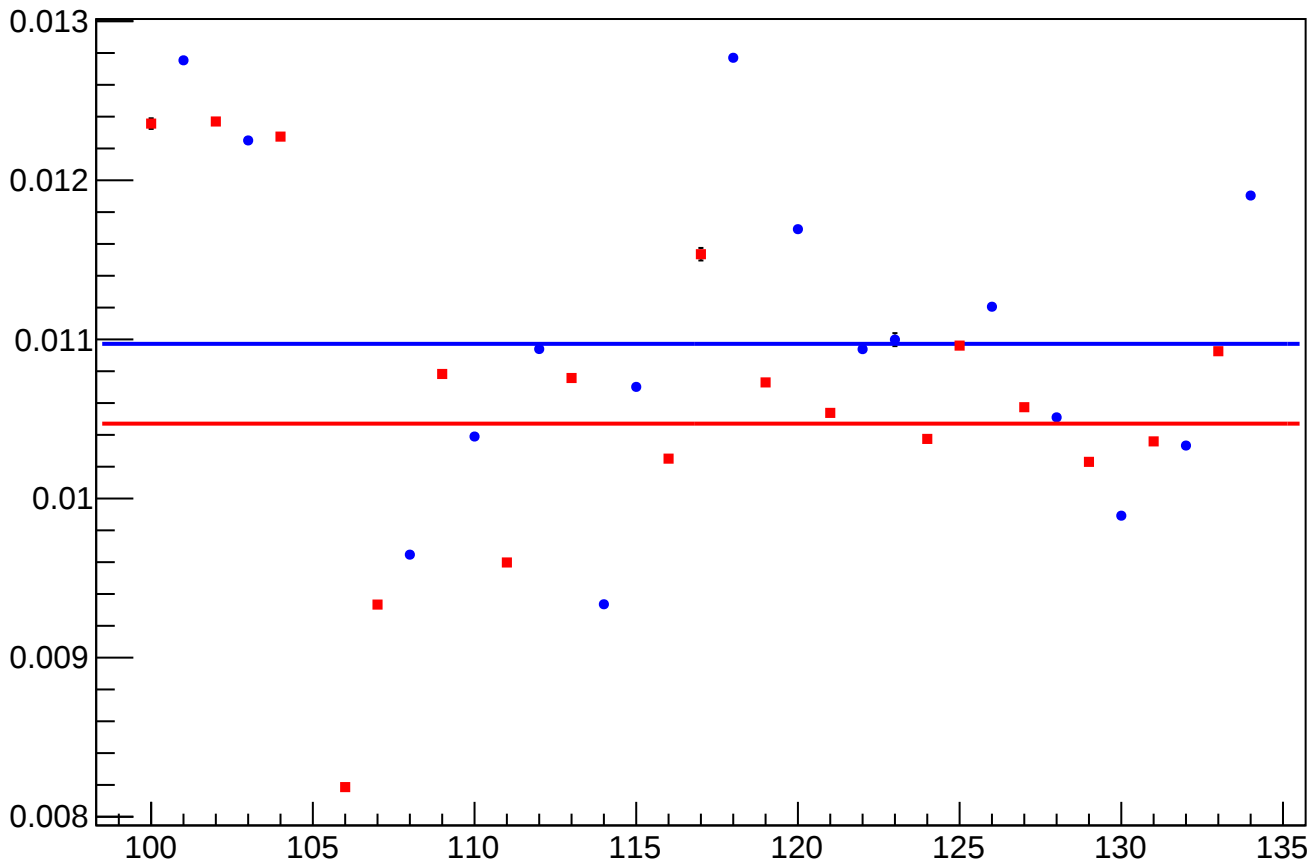
0.794+/-0.000 χ^2/NDF : 103704053.6/15

Right Out: 0.784+/-0.000 χ^2/NDF : 245176450.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.784+/-0.000 χ^2/NDF : 245176450.1/17

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 98127.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

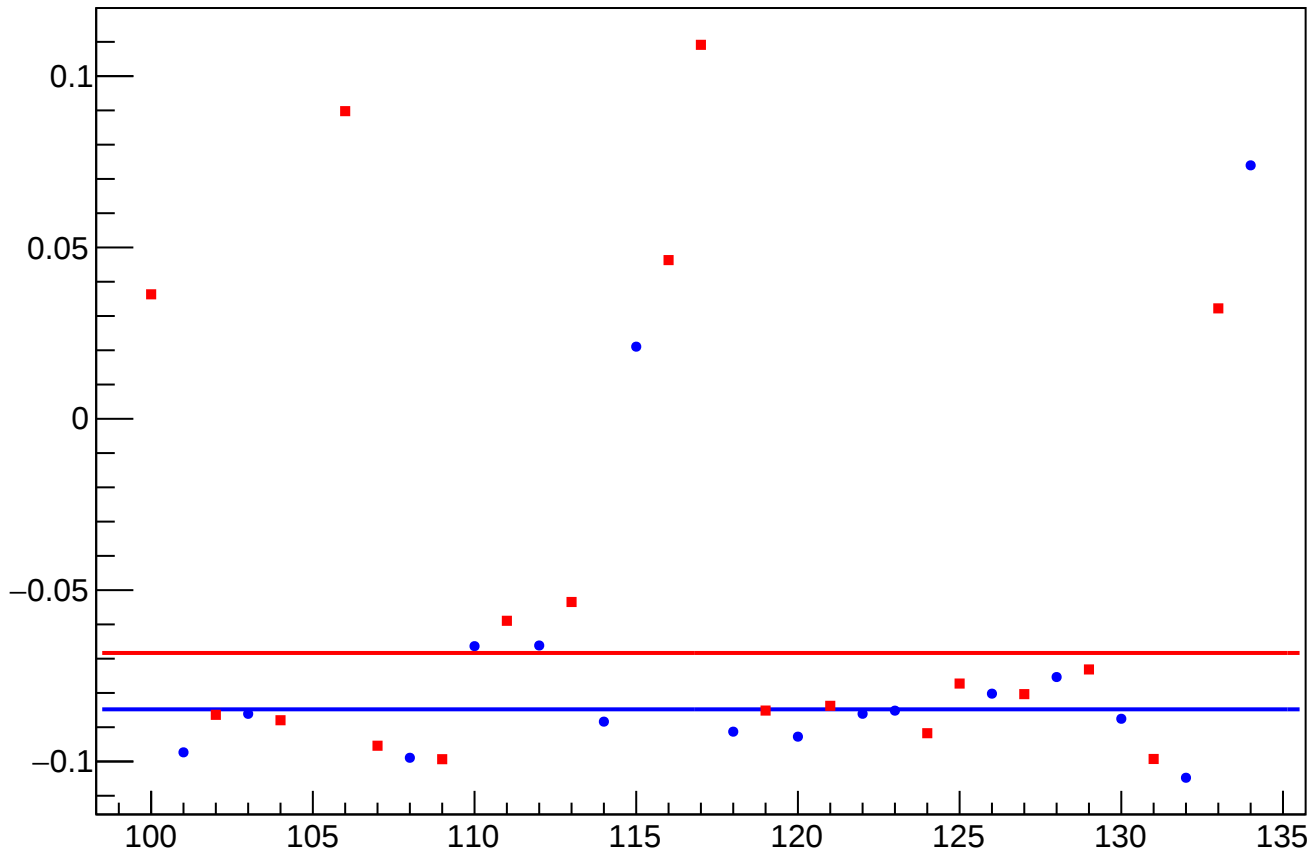
Right Out: 0.010+/-0.000 χ^2/NDF : 118285.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 98127.8/15

0.010+/-0.000 χ^2/NDF : 118285.9/17

yield_bpm0l09Y_mean vs Slug



Right In: -0.085+/-0.000 χ^2 /NDF: 125215161.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

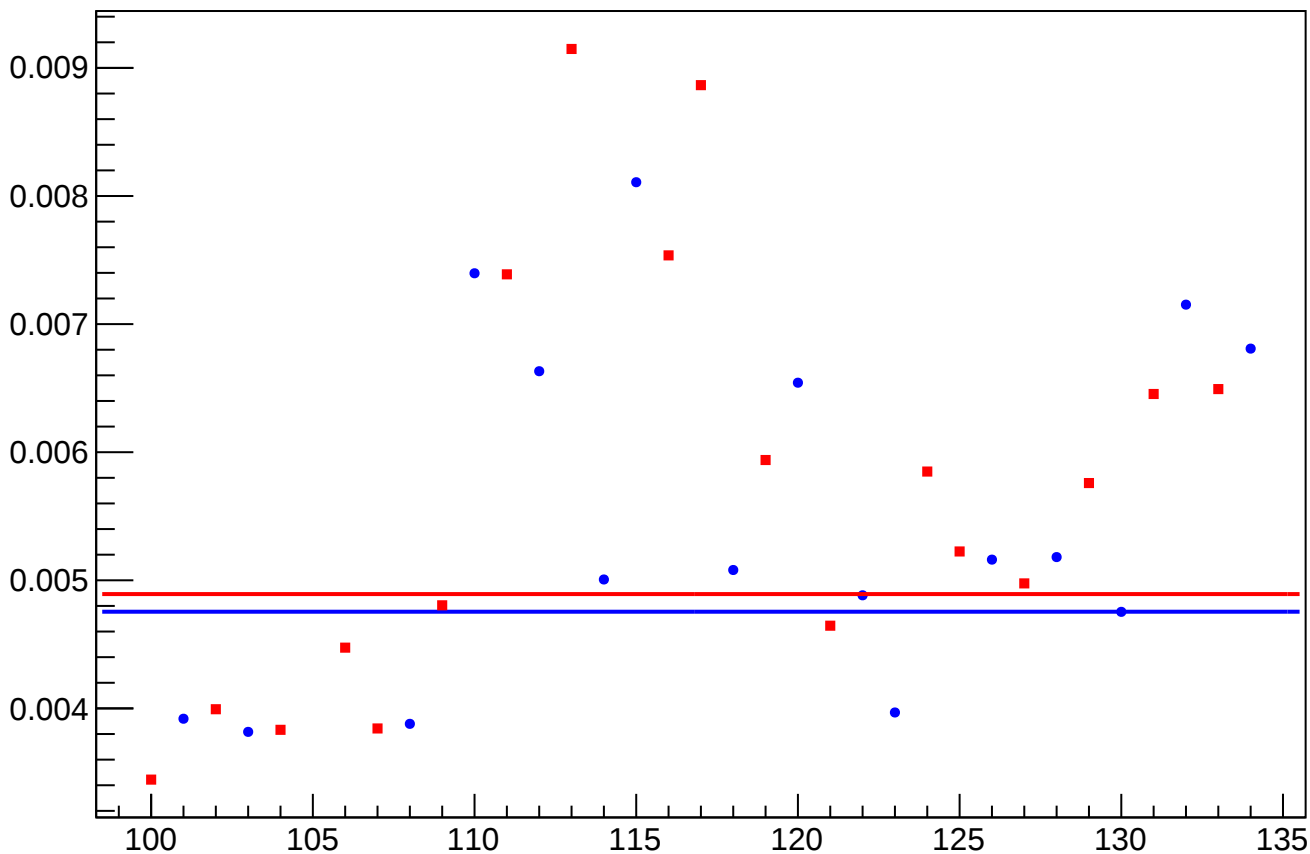
-0.085+/-0.000 χ^2 /NDF: 125215161.1/15

Right Out: -0.068+/-0.000 χ^2 /NDF: 532640251.5/17

-0.068+/-0.000 χ^2 /NDF: 532640251.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 483661.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

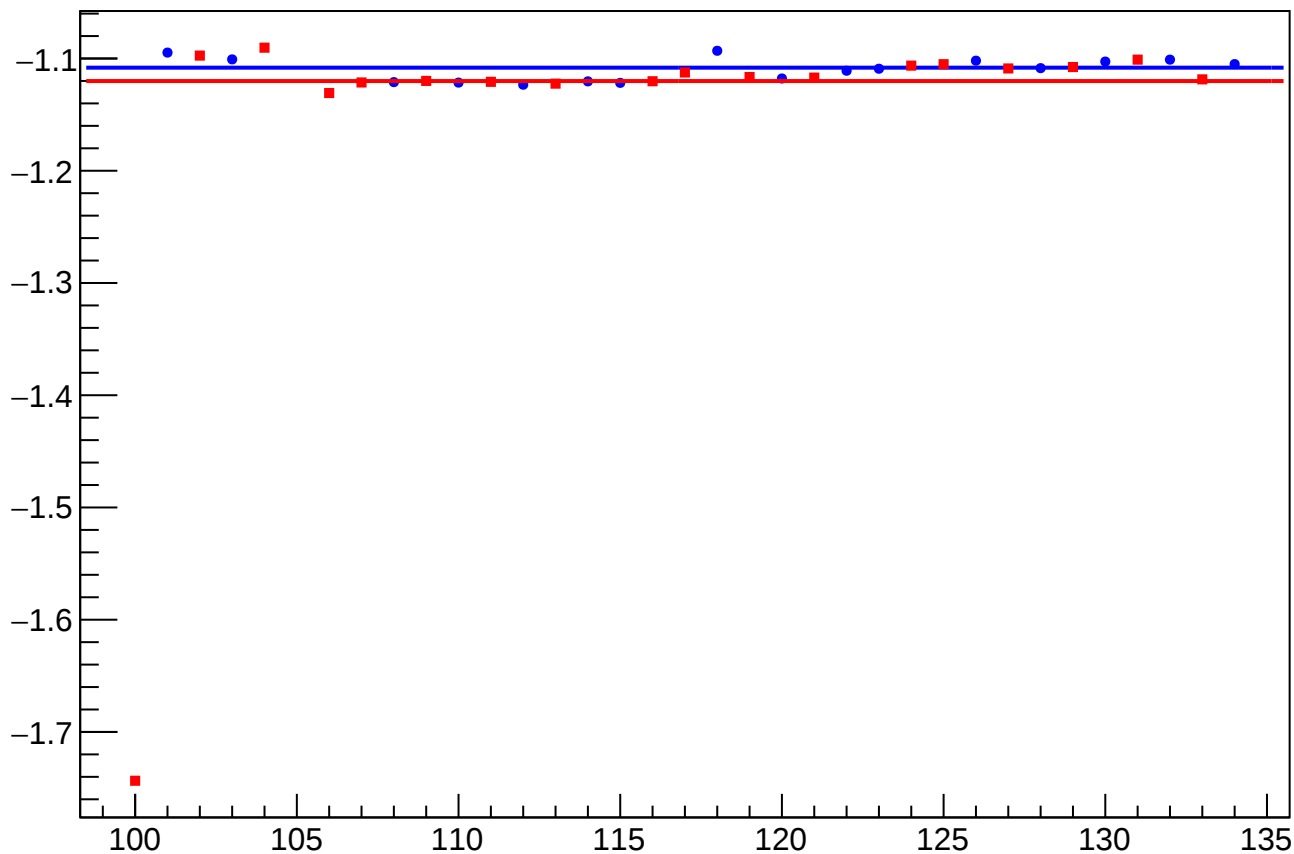
Right Out: 0.005+/-0.000 χ^2/NDF : 668972.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 483661.7/15

0.005+/-0.000 χ^2/NDF : 668972.0/17

yield_bpm0l10X_mean vs Slug



Right In: -1.108+/-0.000 χ^2/NDF : 4035639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

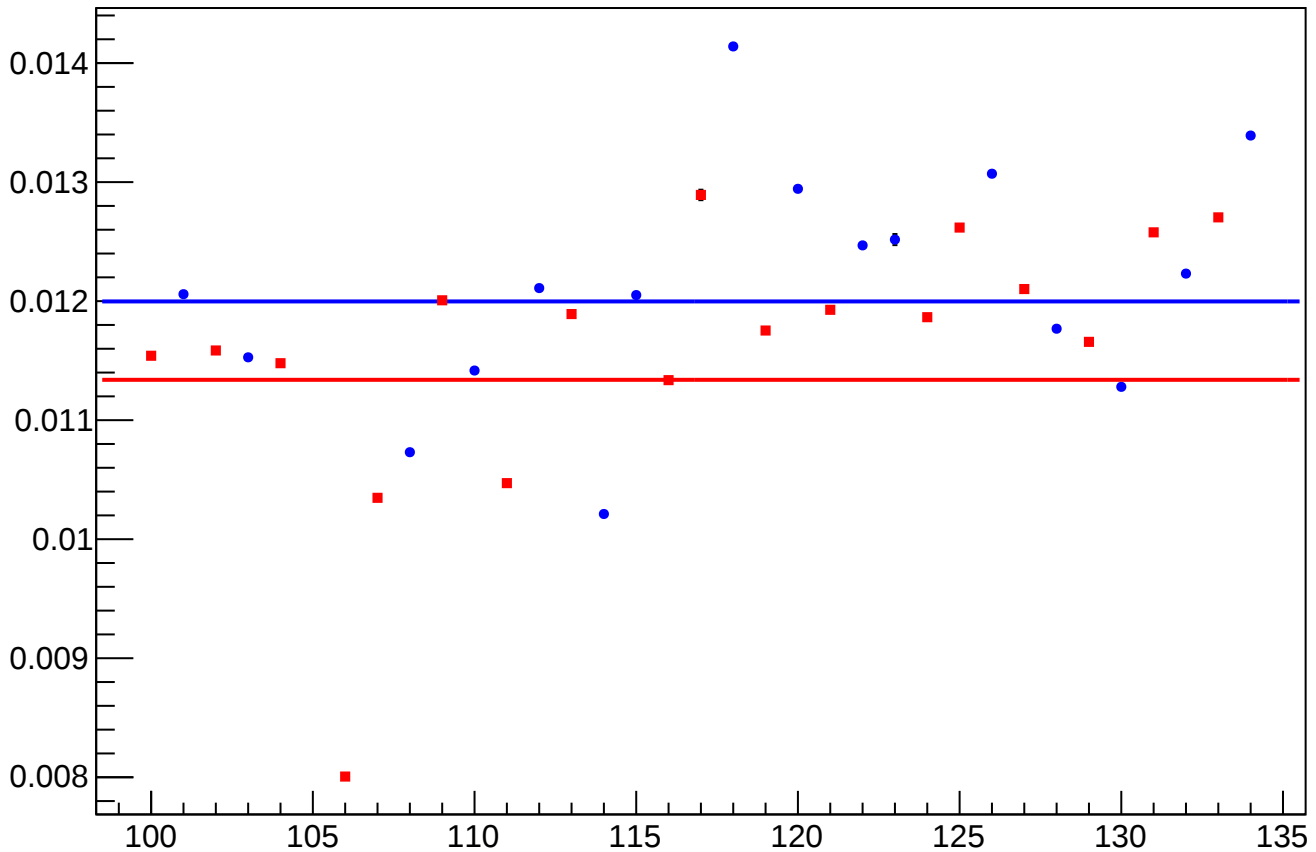
Right Out: -1.120+/-0.000 χ^2/NDF : 208197173.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.108+/-0.000 χ^2/NDF : 4035639.9/15

-1.120+/-0.000 χ^2/NDF : 208197173.3/17

yield_bpm0l10X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 60335.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

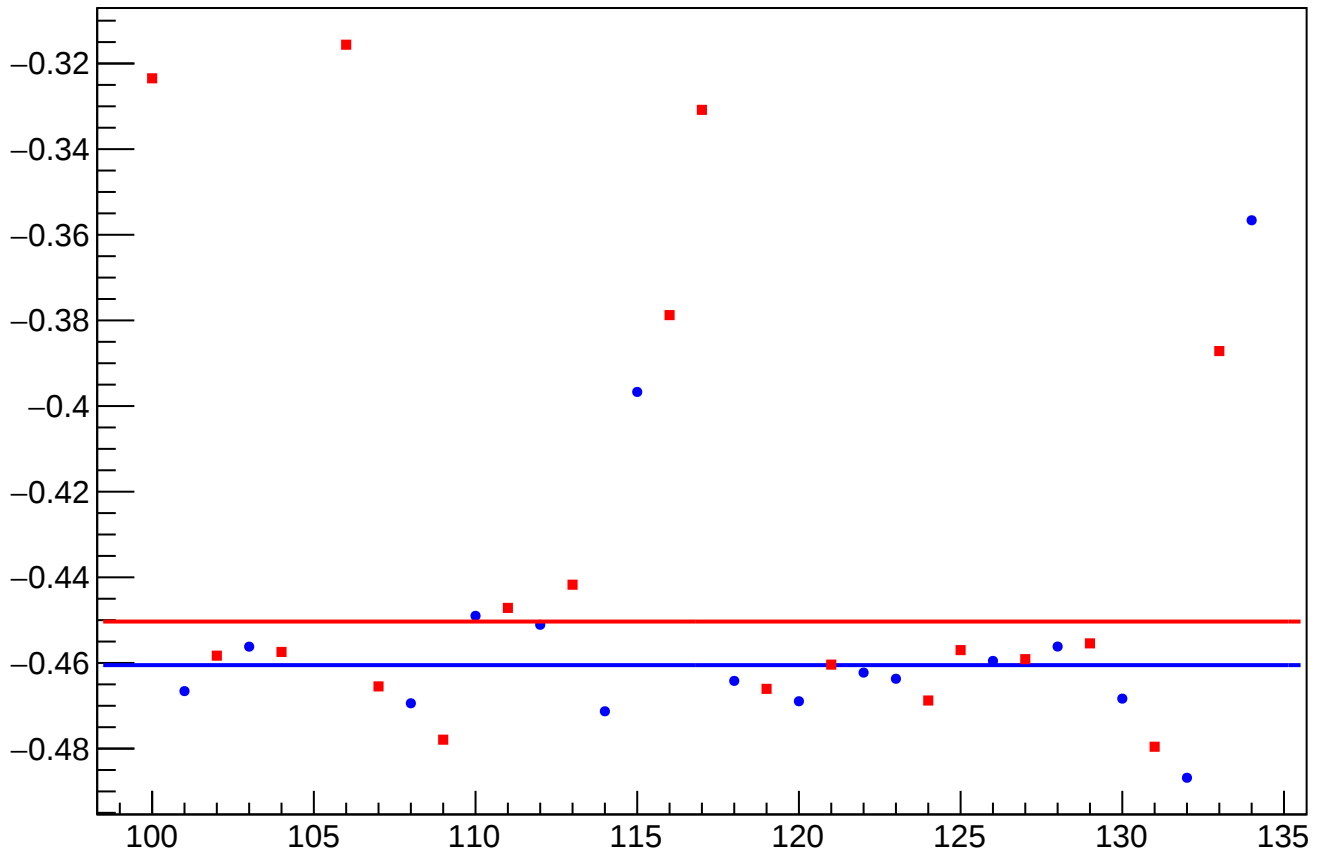
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 152083.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 60335.8/15

0.011 $\pm$ 0.000 χ^2 /NDF: 152083.4/17

yield_bpm0l10Y_mean vs Slug



Right In: -0.461+/-0.000 χ^2/NDF : 95251809.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

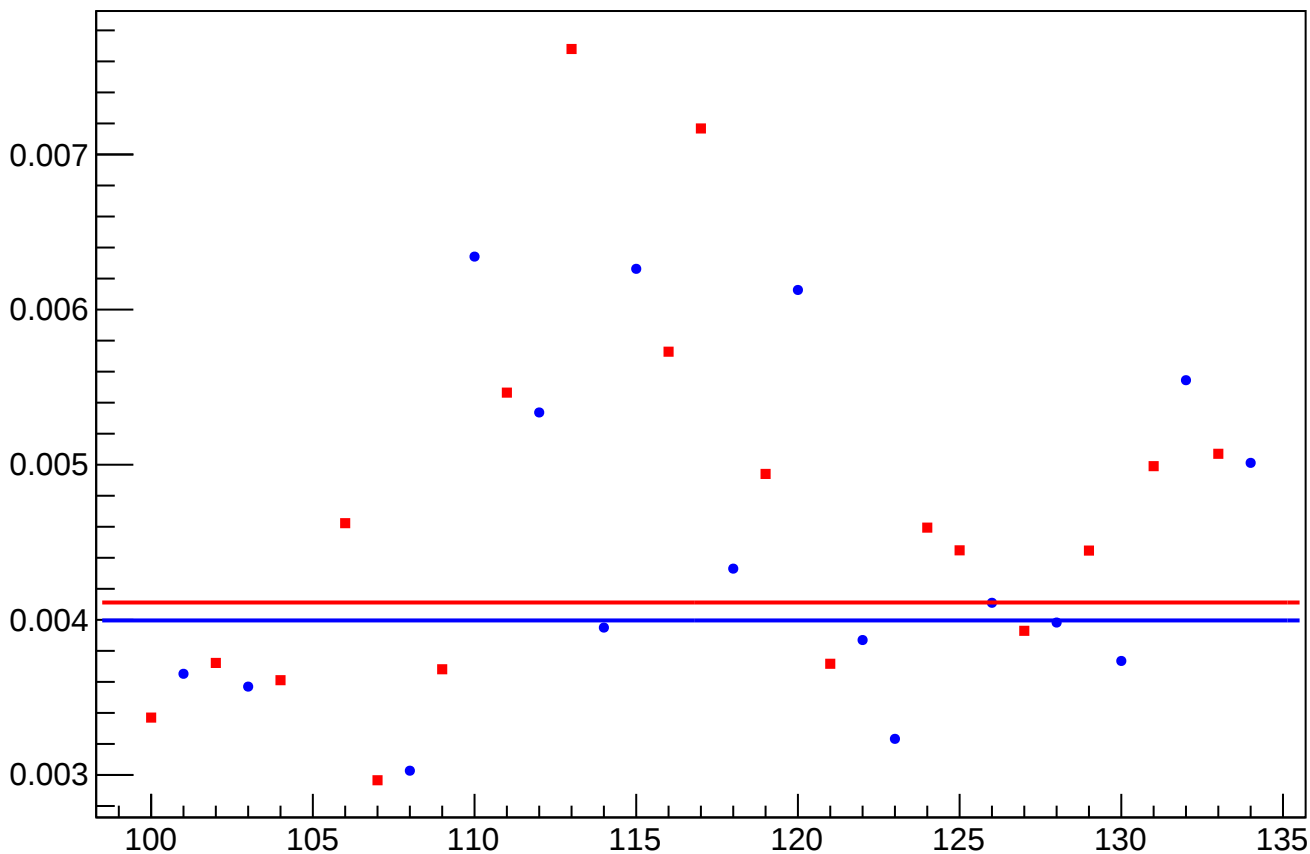
Right Out: -0.450+/-0.000 χ^2/NDF : 426250149.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.461+/-0.000 χ^2/NDF : 95251809.3/15

-0.450+/-0.000 χ^2/NDF : 426250149.7/17

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 402386.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

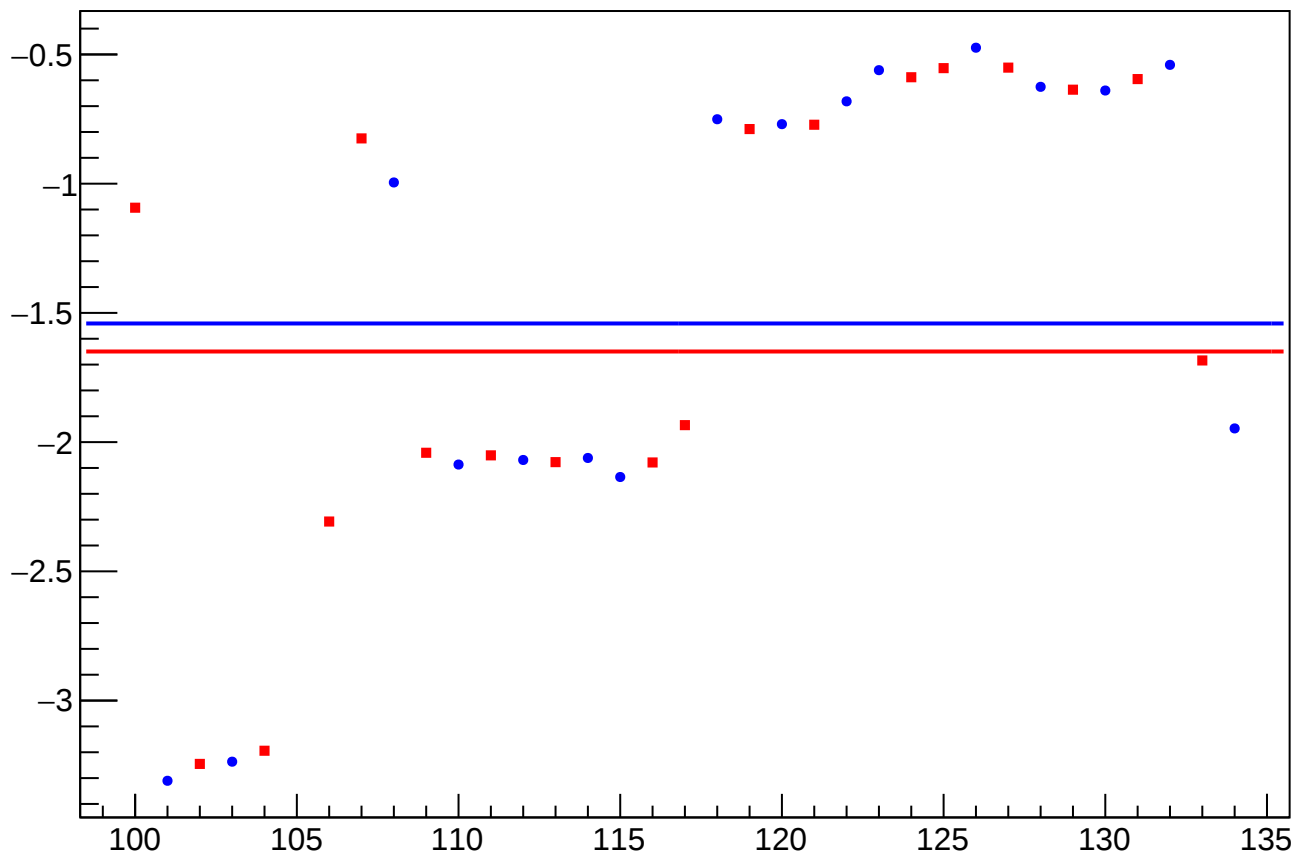
Right Out: 0.004+/-0.000 χ^2/NDF : 515707.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 402386.4/15

0.004+/-0.000 χ^2/NDF : 515707.3/17

yield_bpm0r03X_mean vs Slug



Right In: -1.541+/-0.000 χ^2/NDF : 1201121012.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

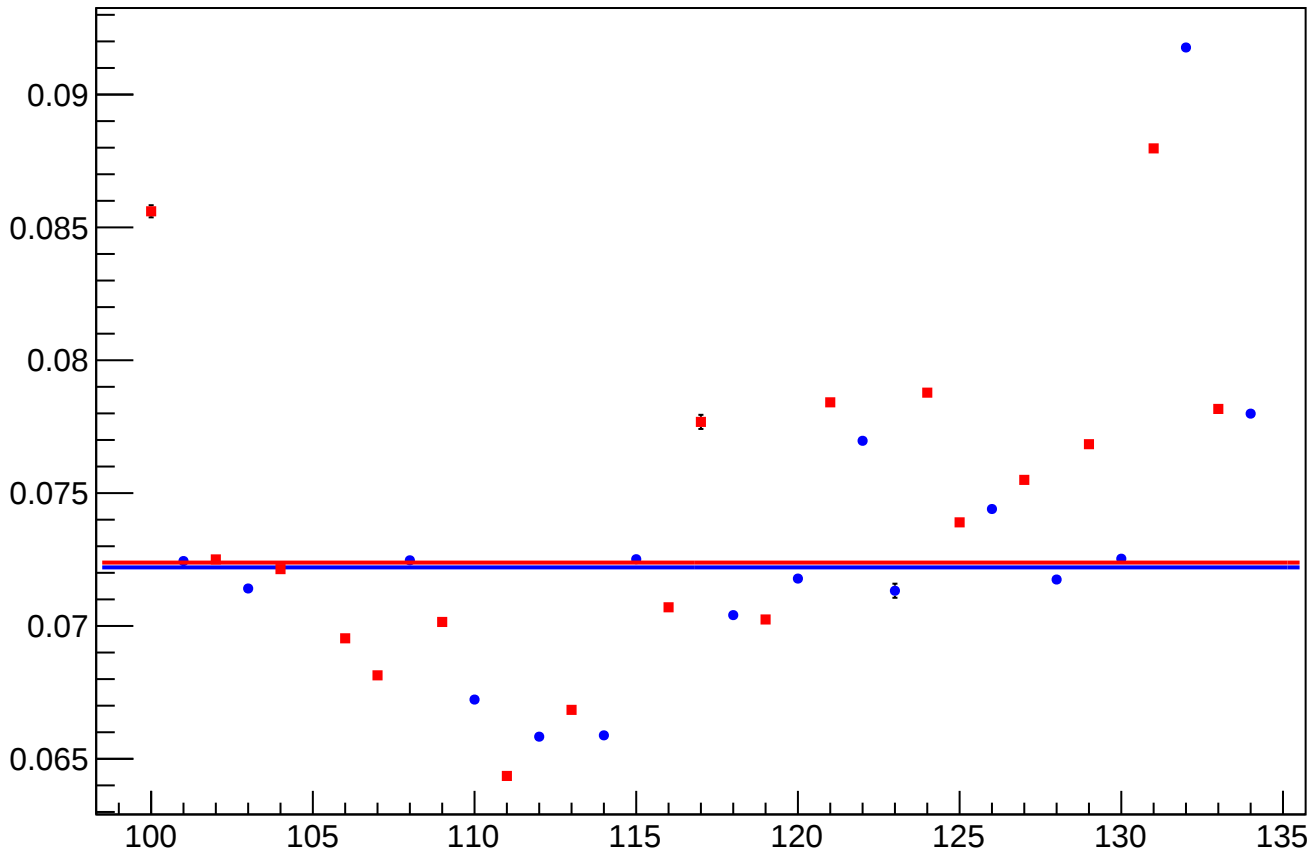
Right Out: -1.649+/-0.000 χ^2/NDF : 1056890020.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.541+/-0.000 χ^2/NDF : 1201121012.0/15

-1.649+/-0.000 χ^2/NDF : 1056890020.8/17

yield_bpm0r03X_rms vs Slug



Right In: 0.072+/-0.000 χ^2/NDF : 55556.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

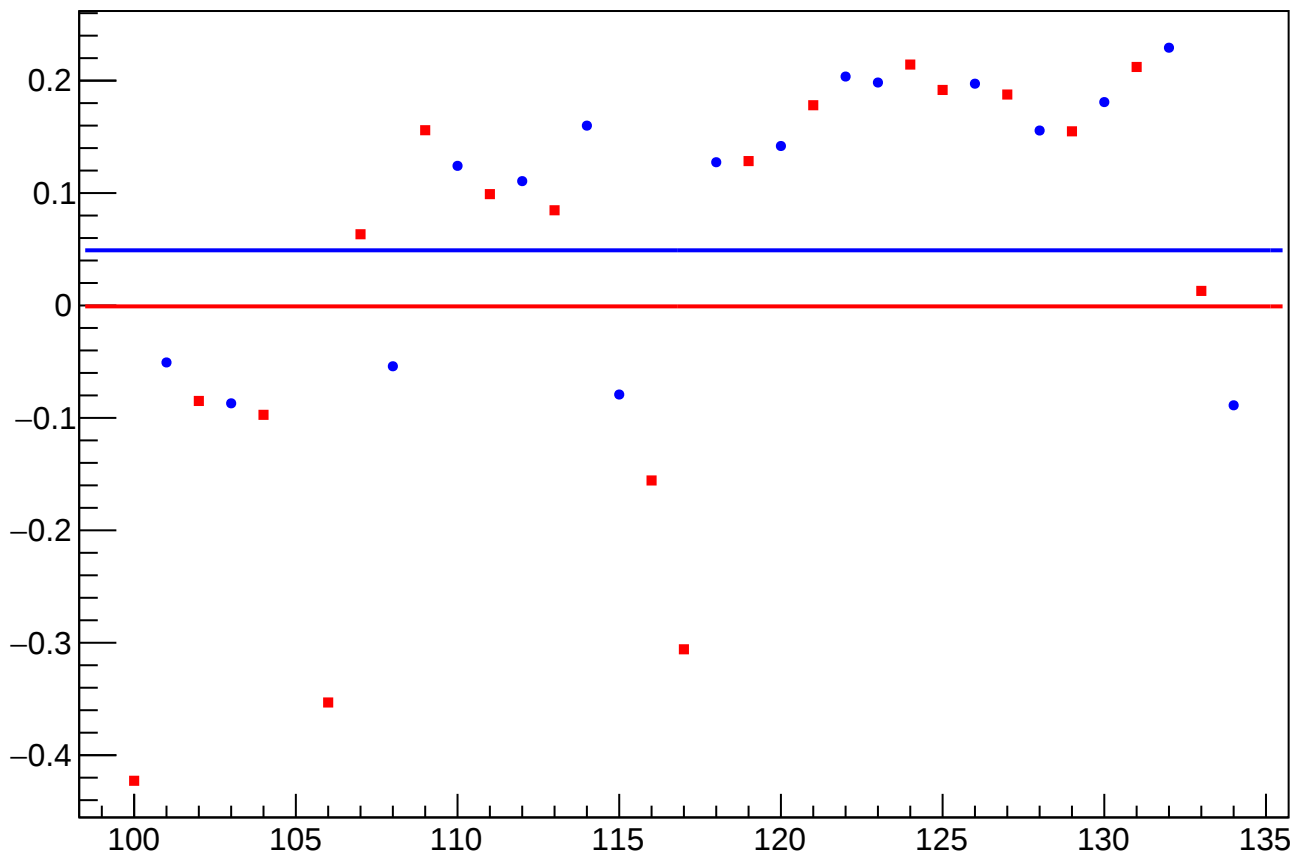
Right Out: 0.072+/-0.000 χ^2/NDF : 67043.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 55556.5/15

0.072+/-0.000 χ^2/NDF : 67043.9/17

yield_bpm0r03Y_mean vs Slug



Right In: 0.049+/-0.000 χ^2/NDF : 478713395.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

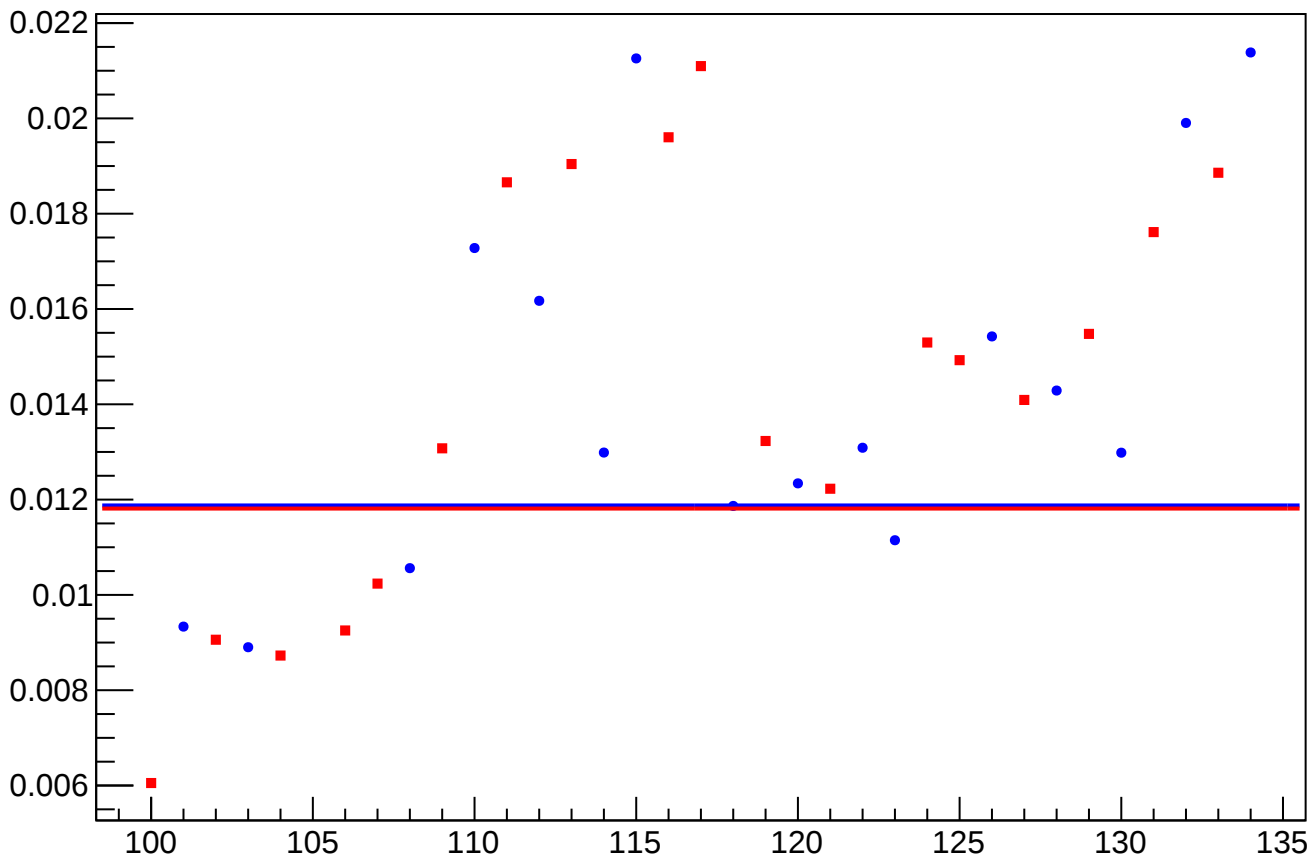
Right Out: -0.001+/-0.000 χ^2/NDF : 1194623154.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.049+/-0.000 χ^2/NDF : 478713395.2/15

-0.001+/-0.000 χ^2/NDF : 1194623154.4/17

yield_bpm0r03Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 614483.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

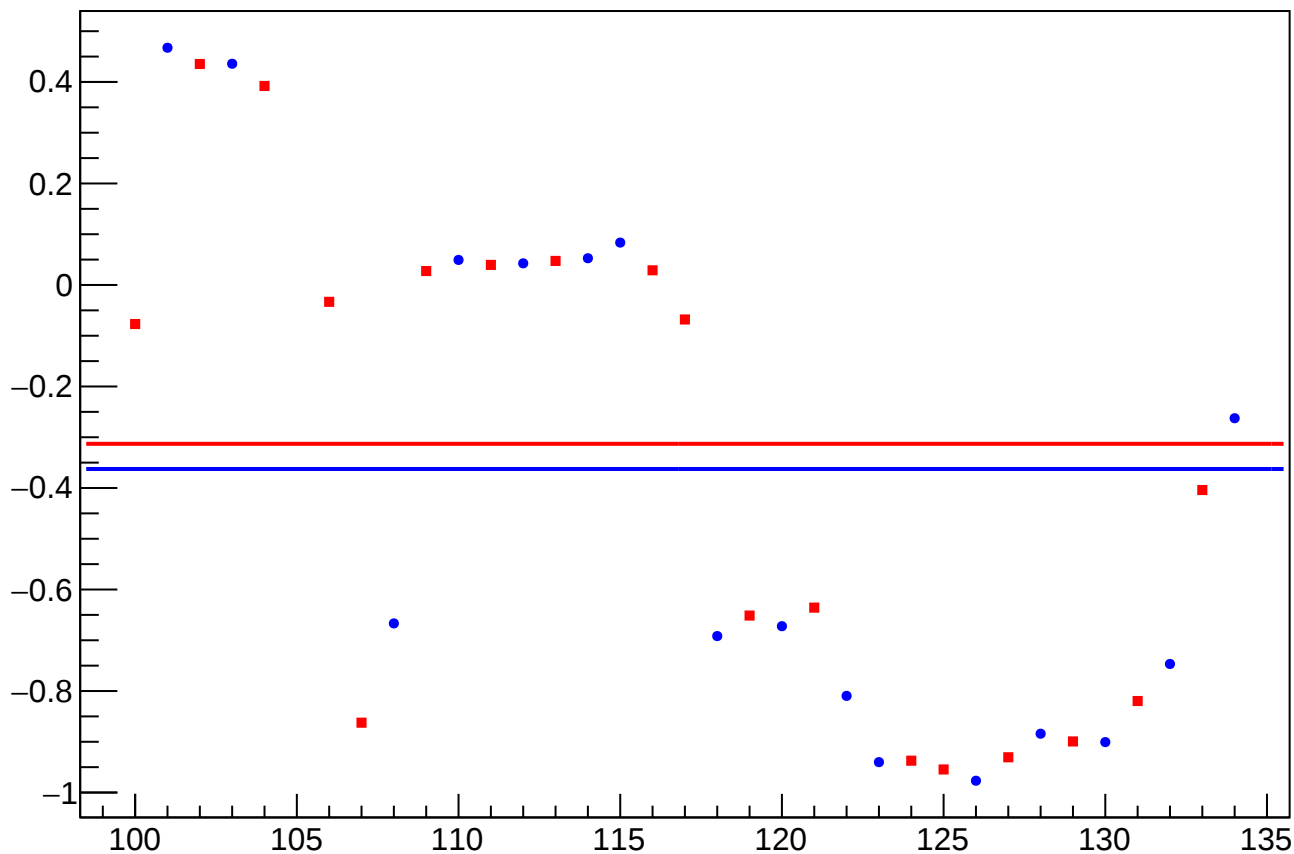
Right Out: 0.012+/-0.000 χ^2/NDF : 984351.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 614483.9/15

0.012+/-0.000 χ^2/NDF : 984351.3/17

yield_bpm0r05X_mean vs Slug



Right In: -0.363+/-0.000 χ^2/NDF : 210532329.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

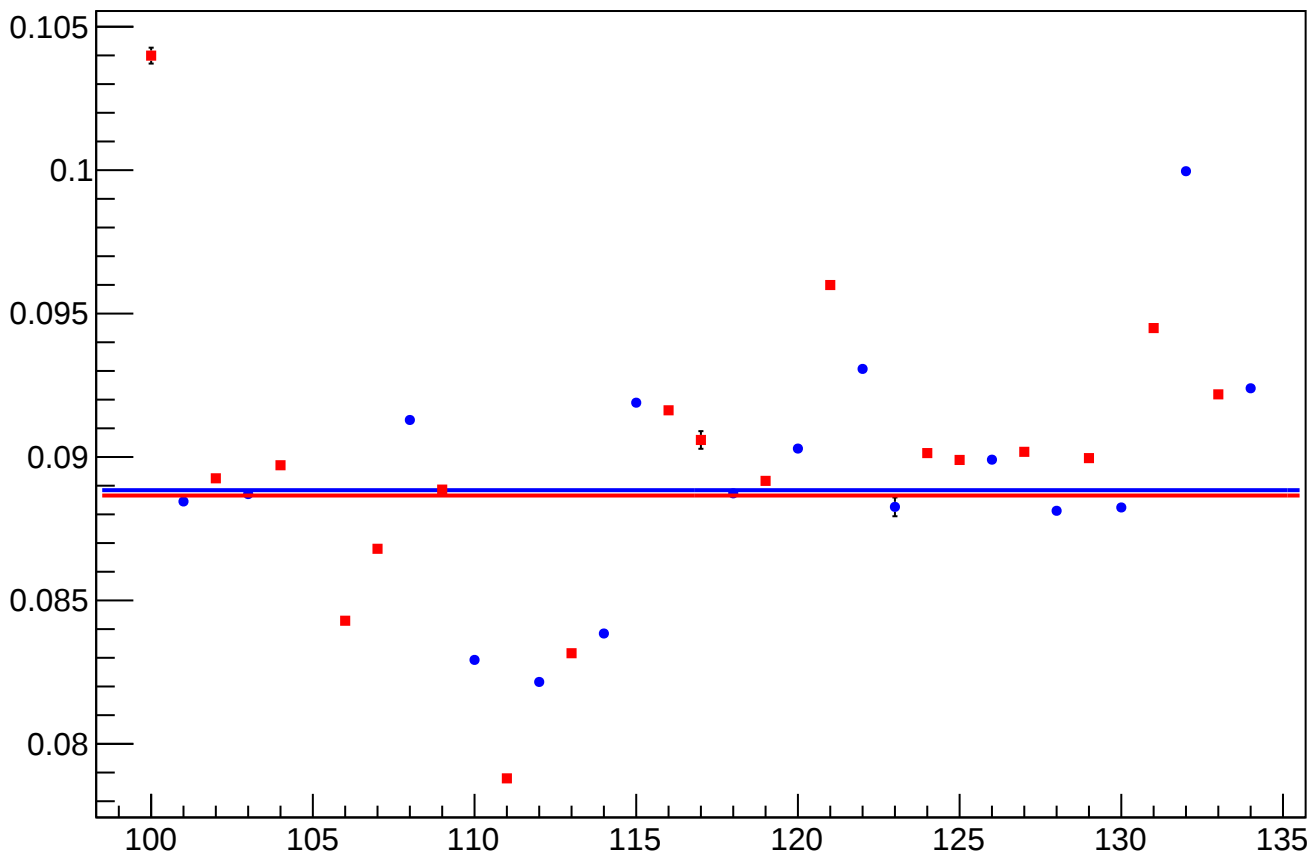
Right Out: -0.313+/-0.000 χ^2/NDF : 200275037.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.363+/-0.000 χ^2/NDF : 210532329.0/15

-0.313+/-0.000 χ^2/NDF : 200275037.4/17

yield_bpm0r05X_rms vs Slug



Right In: 0.089+/-0.000 χ^2/NDF : 24179.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

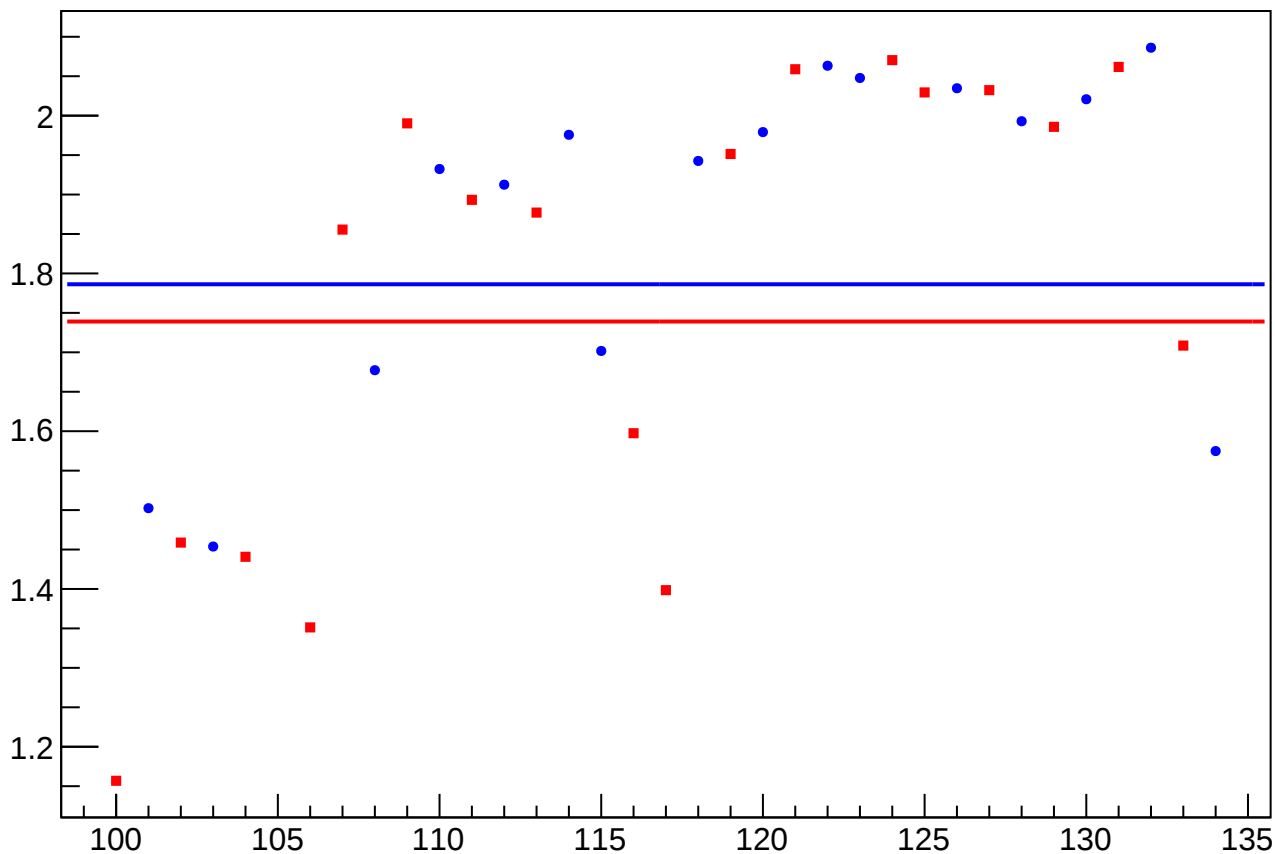
Right Out: 0.089+/-0.000 χ^2/NDF : 32512.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 24179.1/15

0.089+/-0.000 χ^2/NDF : 32512.7/17

yield_bpm0r05Y_mean vs Slug



Right In: 1.786+/-0.000 χ^2/NDF : 1129165413.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

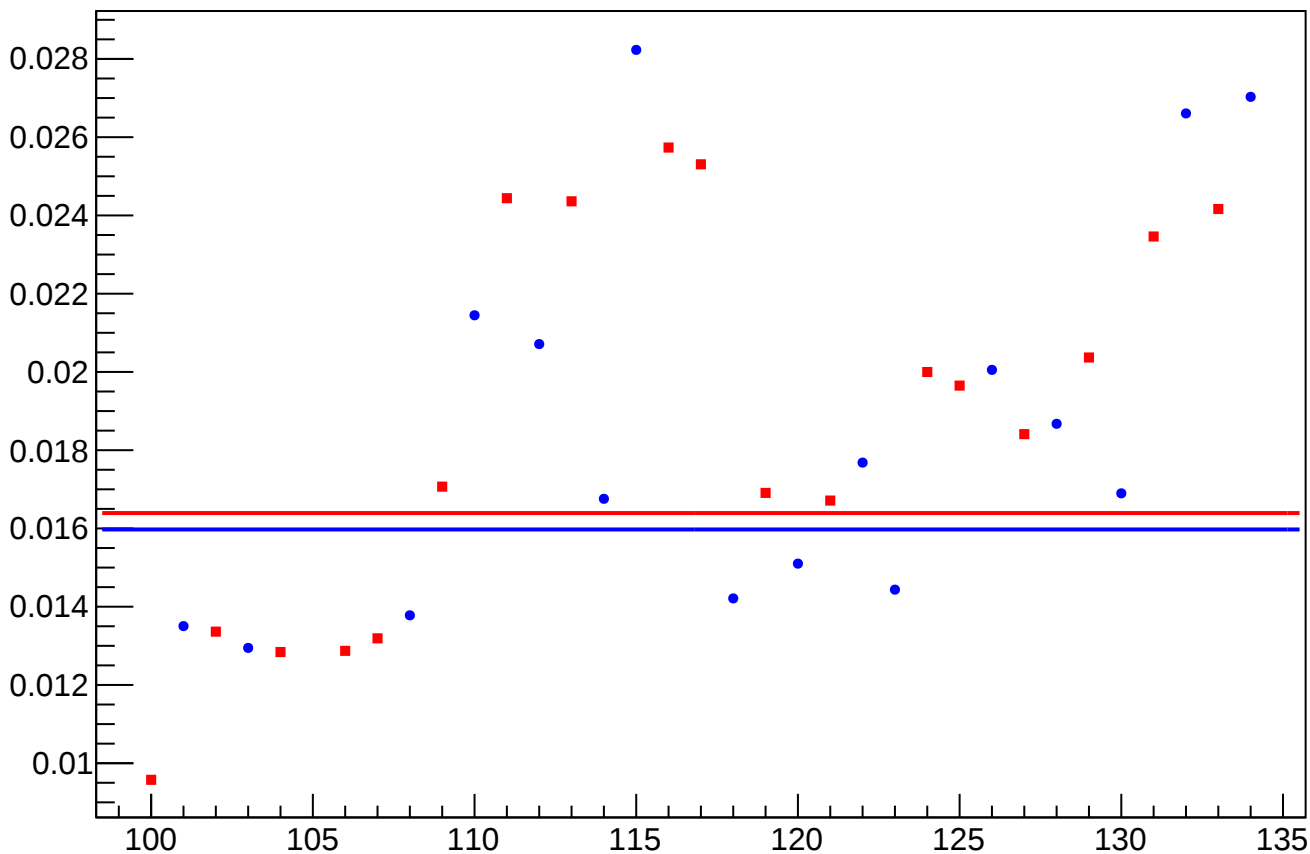
Right Out: 1.739+/-0.000 χ^2/NDF : 1611256340.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.786+/-0.000 χ^2/NDF : 1129165413.8/15

1.739+/-0.000 χ^2/NDF : 1611256340.9/17

yield_bpm0r05Y_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 460254.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

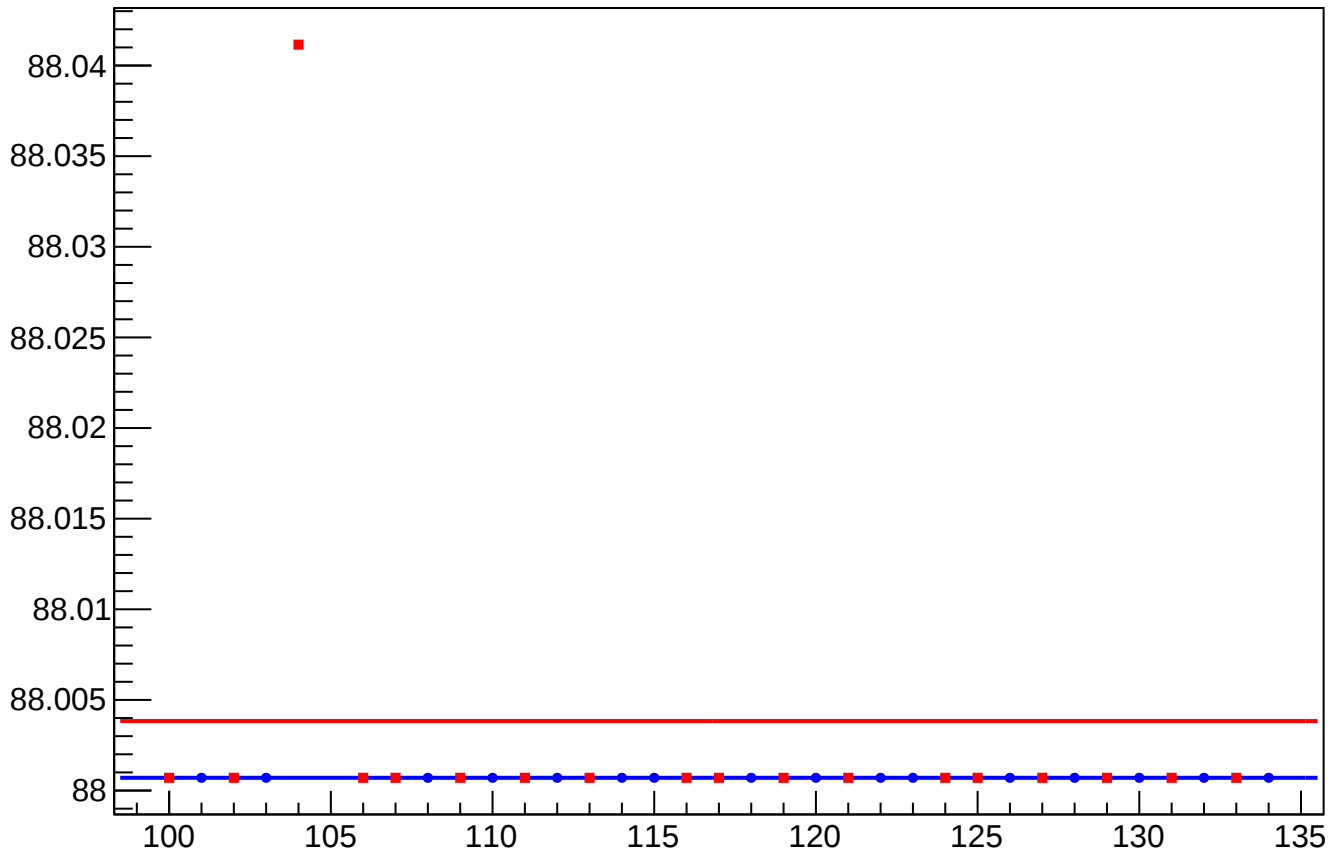
Right Out: 0.016+/-0.000 χ^2/NDF : 699217.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 460254.8/15

0.016+/-0.000 χ^2/NDF : 699217.5/17

epics_VWienAngles_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 1415254.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

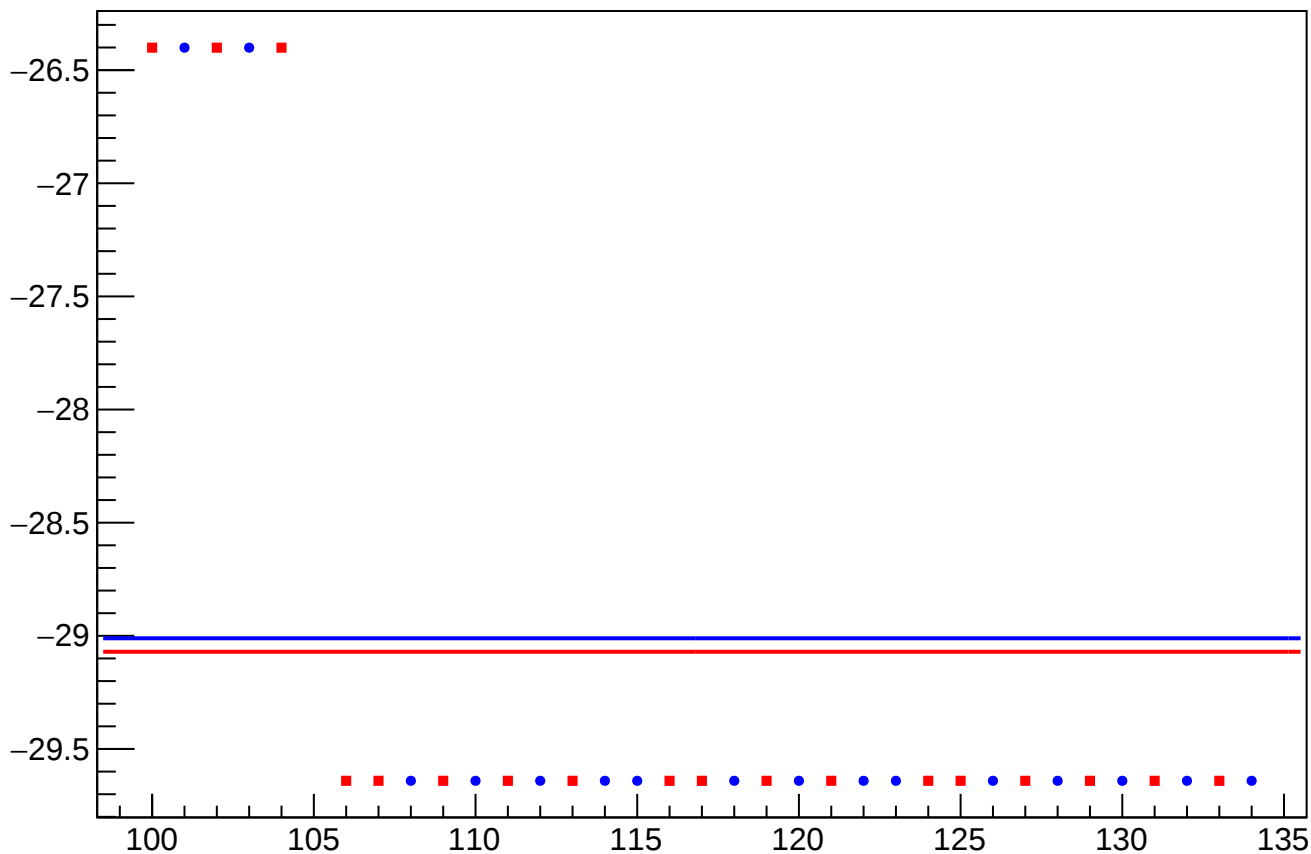
88.001+/-0.000 χ^2/NDF : 1415254.3/15

Right Out: 88.004+/-0.000 χ^2/NDF : 76982434802793669402002718720.0/17

88.004+/-0.000 χ^2/NDF : 769824348027936694

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs Slug



Right In: -29.011+/-0.000 χ^2/NDF : 997911886655701329871449781960704.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

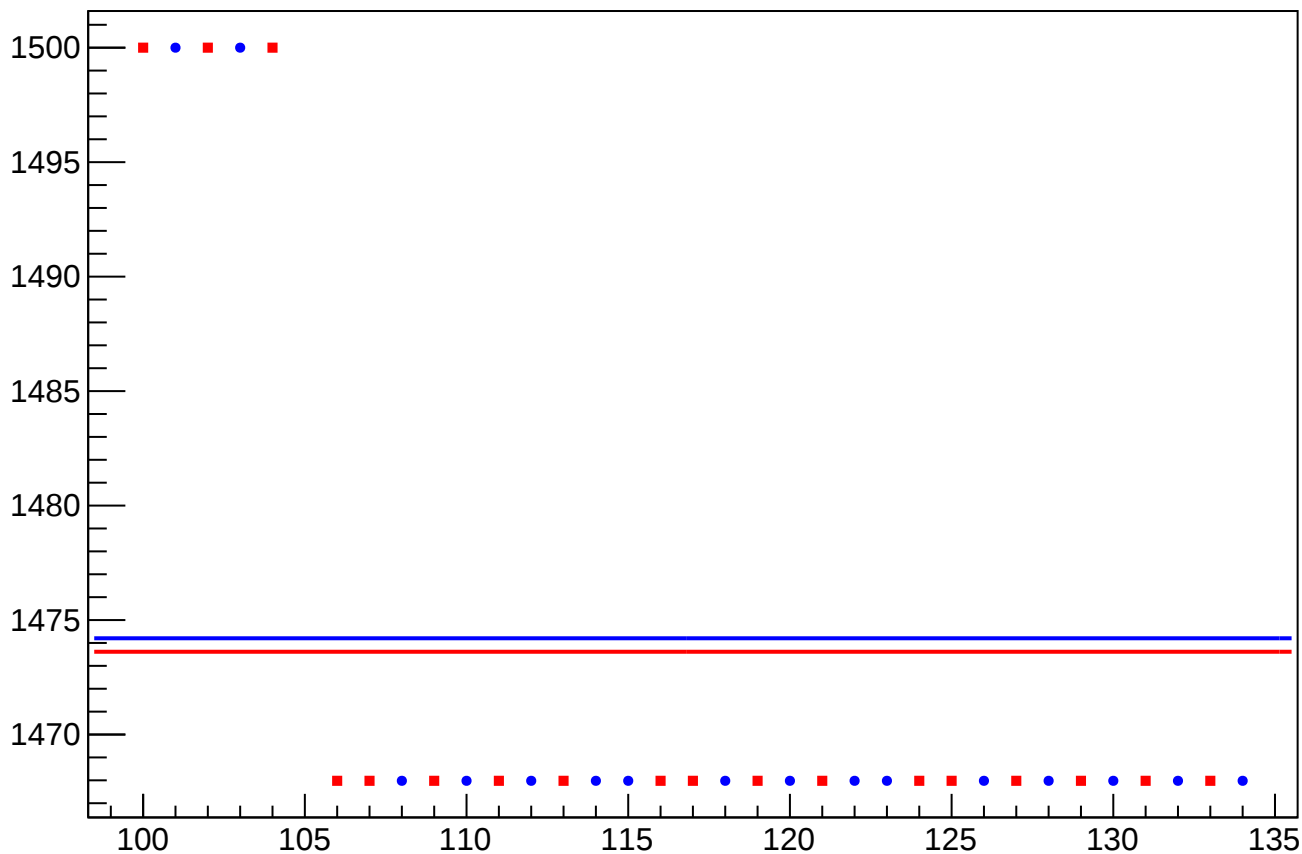
-29.011+/-0.000 χ^2/NDF : 99791188665570132

Right Out: -29.070+/-0.000 χ^2/NDF : 1003373033080433094931987568787456.0/17

-29.070+/-0.000 χ^2/NDF : 10033730330804330

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_psub_pl_poss_mean vs Slug



Right In: 1474.204+/-0.000 χ^2/NDF : 97472695519997274207990558345920512.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

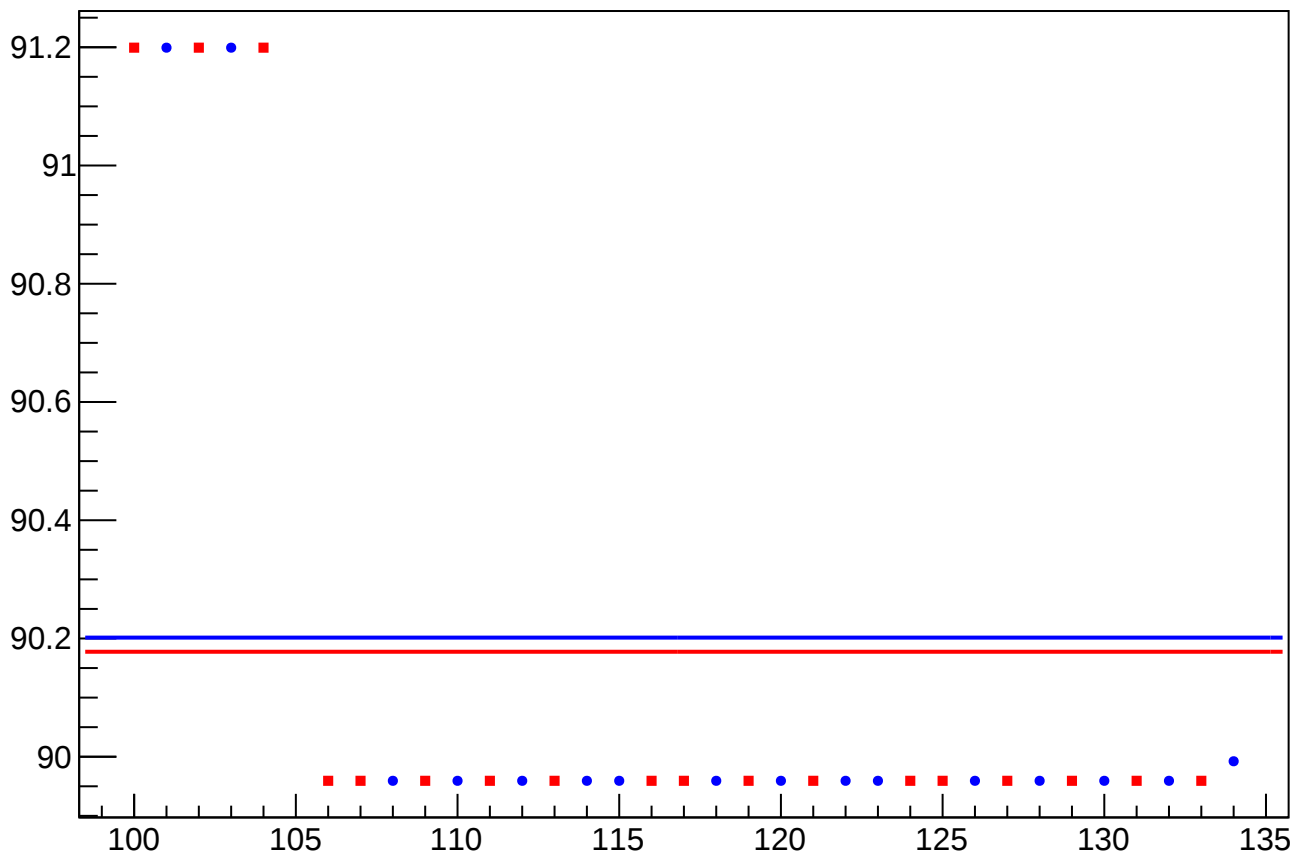
Right Out: 1473.616+/-0.000 χ^2/NDF : 98006122037678959003995917307084800.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1474.204+/-0.000 χ^2/NDF : 9747269551999727

1473.616+/-0.000 χ^2/NDF : 9800612203767895

epics_Phi_FGs_mean vs Slug



Right In: 90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

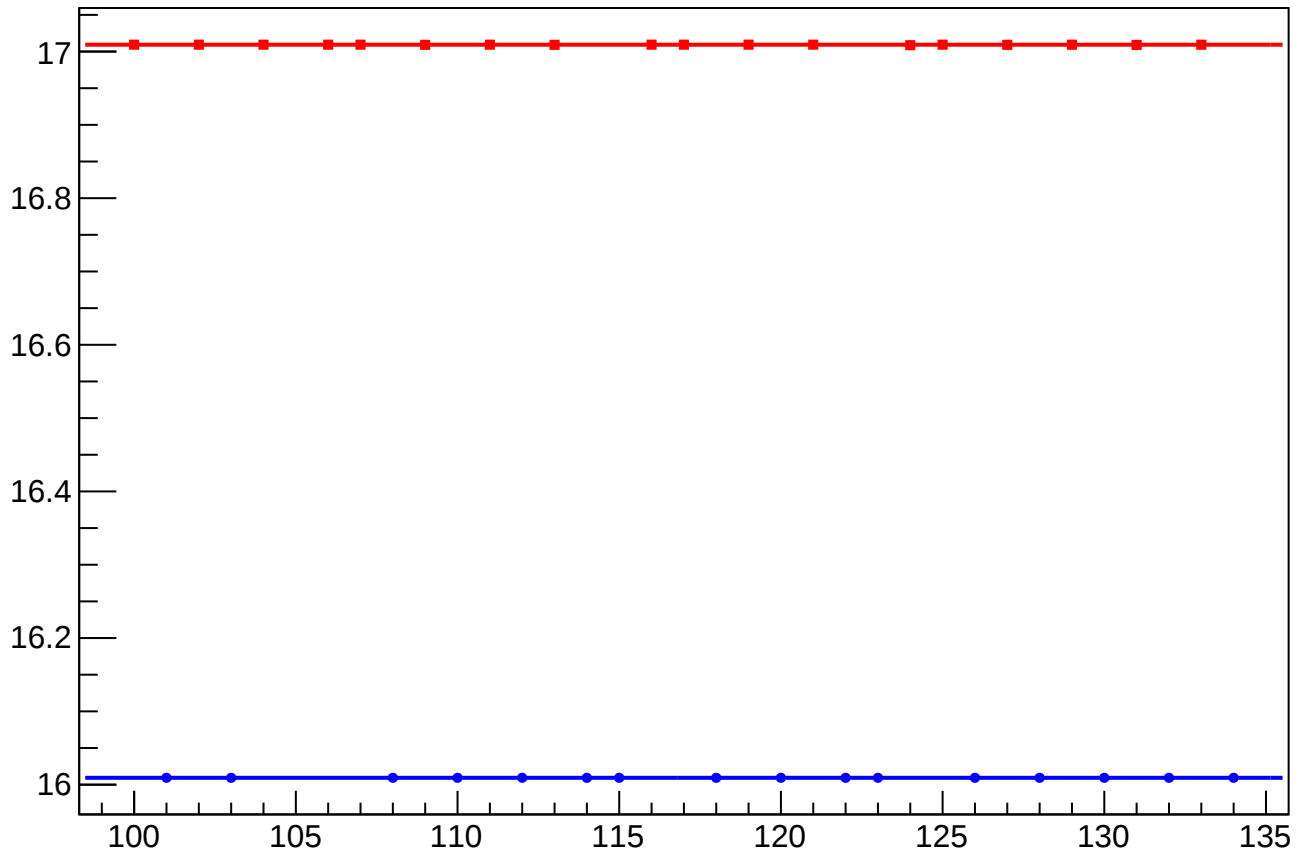
Right Out: 90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

90.178+/-0.000 χ^2/NDF : 146965627921121906482498548793344.0/17

epics_IGL1I00DI24_24Ms_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 37057.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

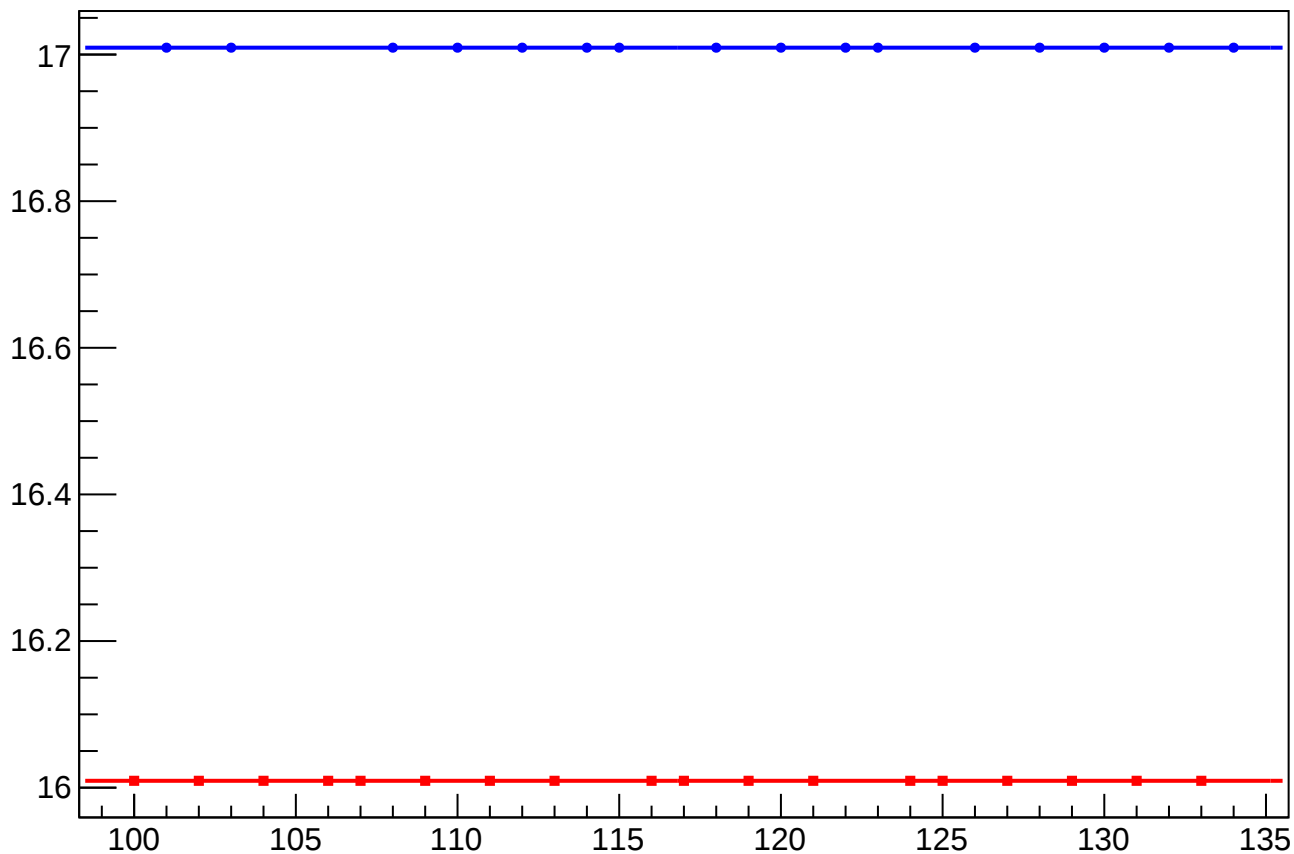
16.009 $\pm$ 0.000 χ^2 /NDF: 37057.5/15

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 12026206019273131642847232.0/17

17.009 $\pm$ 0.000 χ^2 /NDF: 120262060192731316

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 61733.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

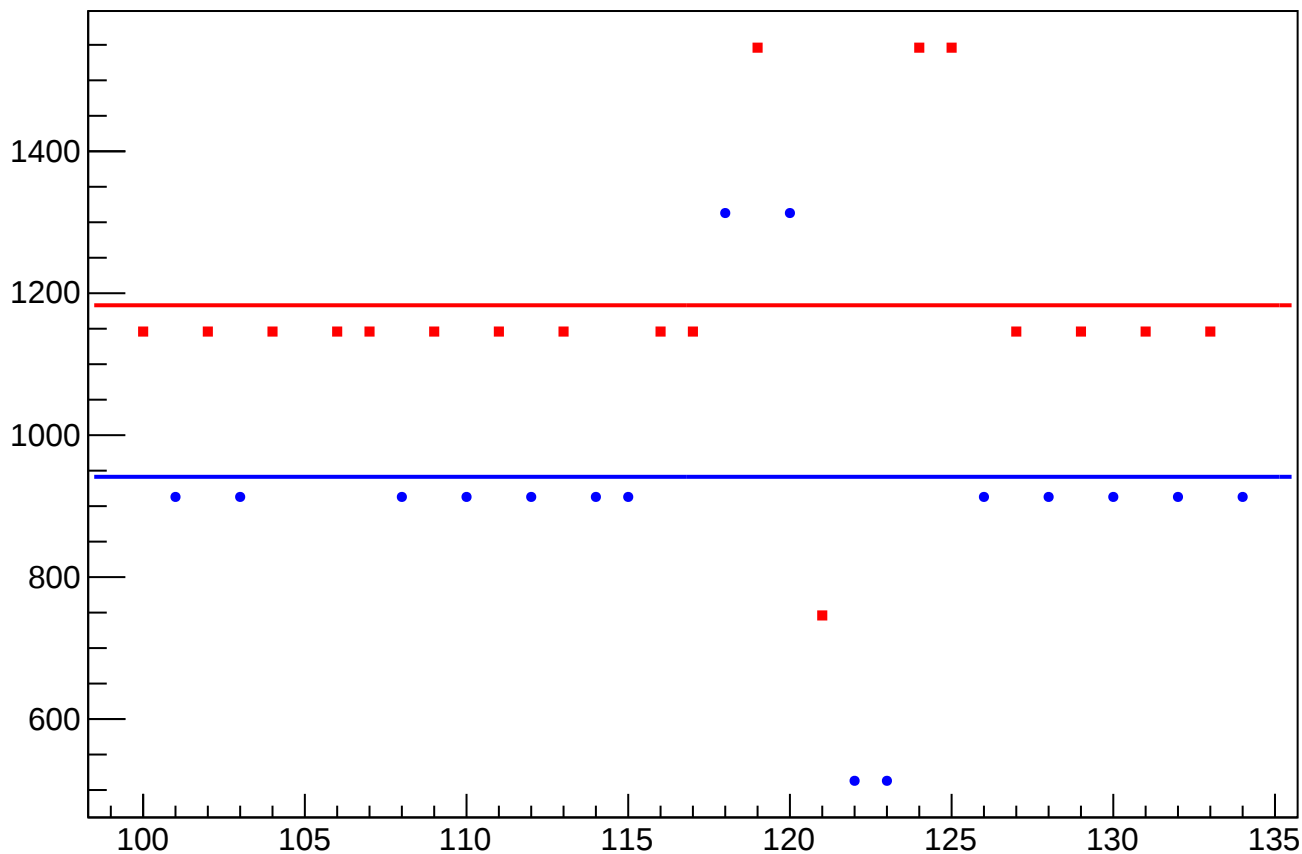
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 33510.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 61733.1/15

16.009 $\pm$ 0.000 χ^2 /NDF: 33510.8/17

epics_RTPAPOSUCNTs_mean vs Slug



Right In: 941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

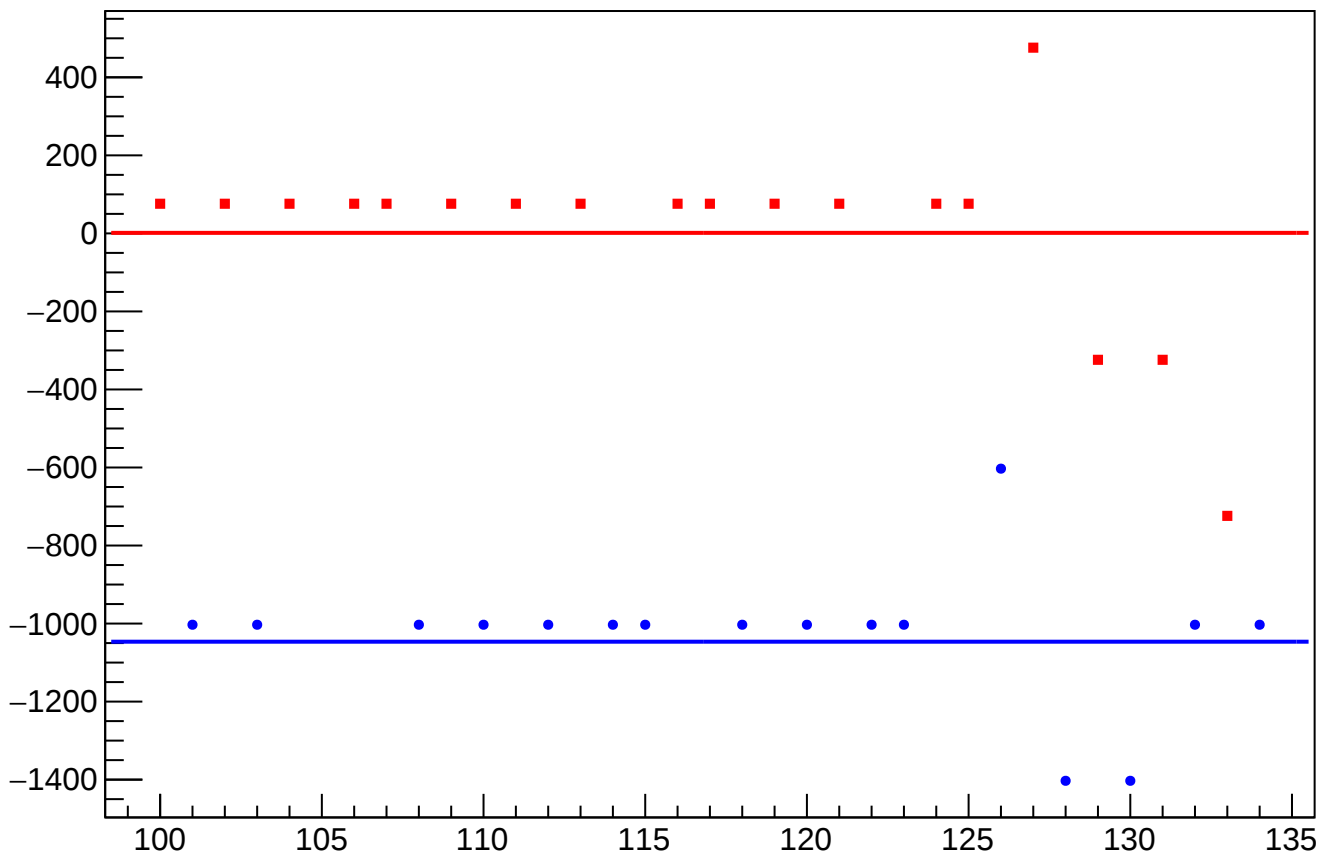
Right Out: 1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

1183.036+/-0.000 χ^2/NDF : 21337282482448949922507151292195930112.0/17

epics_RTPAPOSVCNTs_mean vs Slug



Right In: -1046.482+/-0.000 χ^2/NDF : 22531475220915068149777403579803369472.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1046.482+/-0.000 χ^2/NDF : 22531475220915068149777403579803369472.0/15

Right Out: 1.351+/-0.000 χ^2/NDF : 43526407256001563627929232834855698432.0/17

1.351+/-0.000 χ^2/NDF : 43526407256001563627929232834855698432.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0