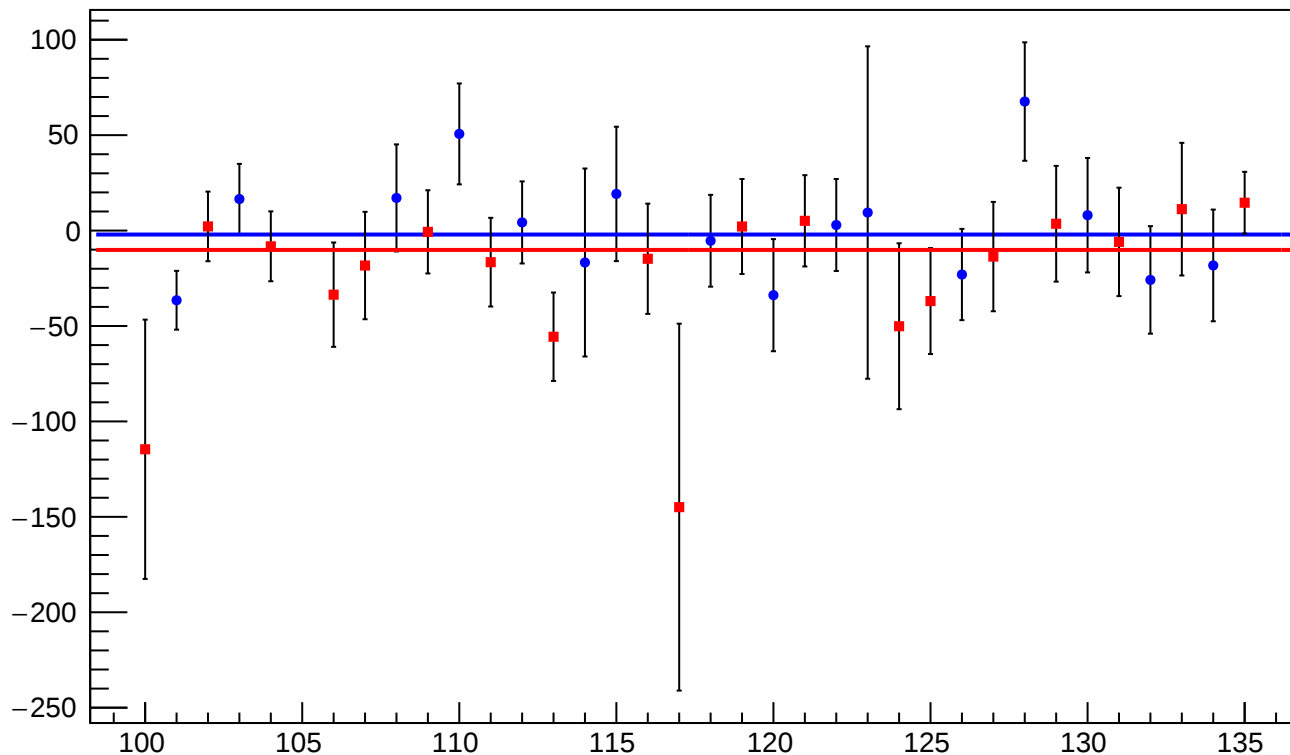


diff_bpm4aX_mean vs Slug



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: -10.140+/-5.840

χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

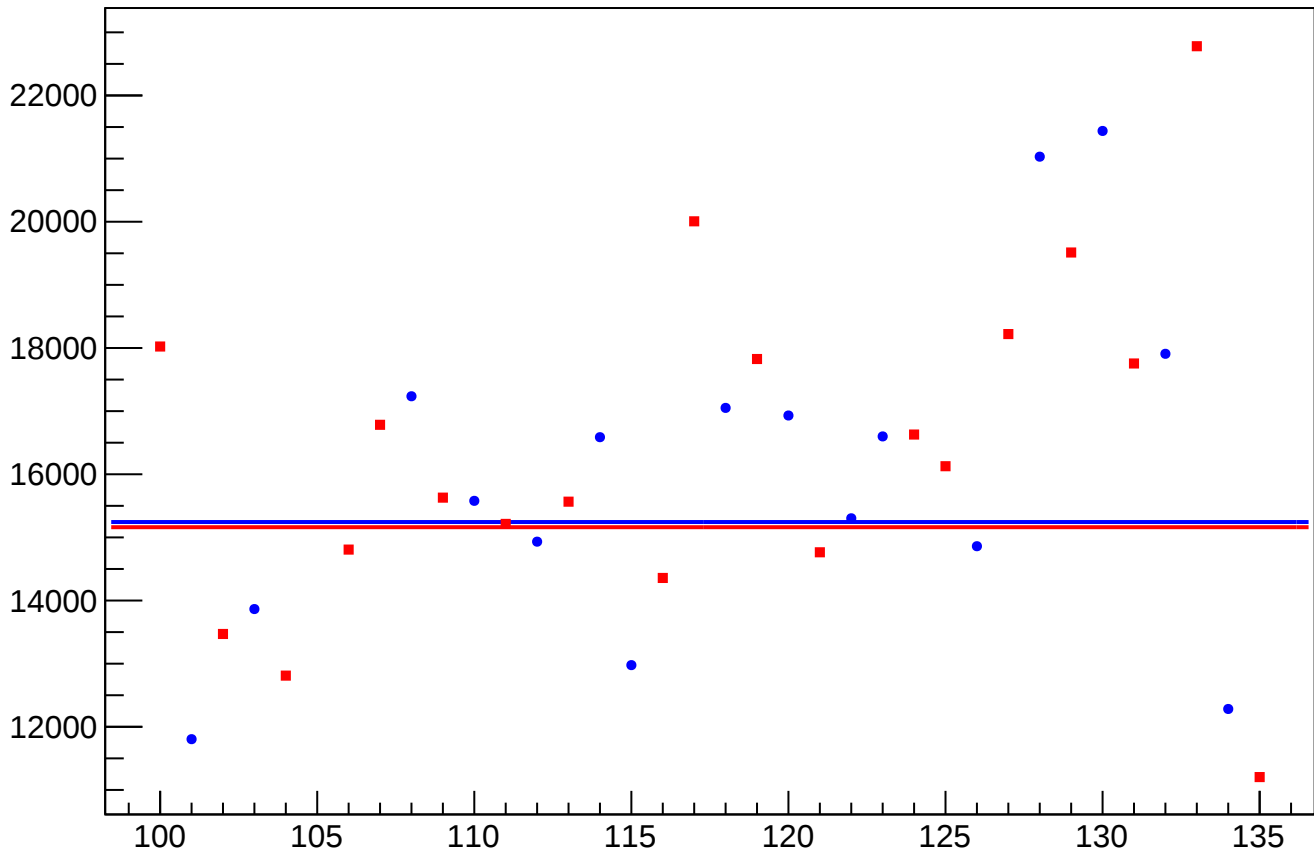
-2.075+/-6.414

χ^2/NDF : 19.2/15

-10.140+/-5.840

χ^2/NDF : 15.1/18

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

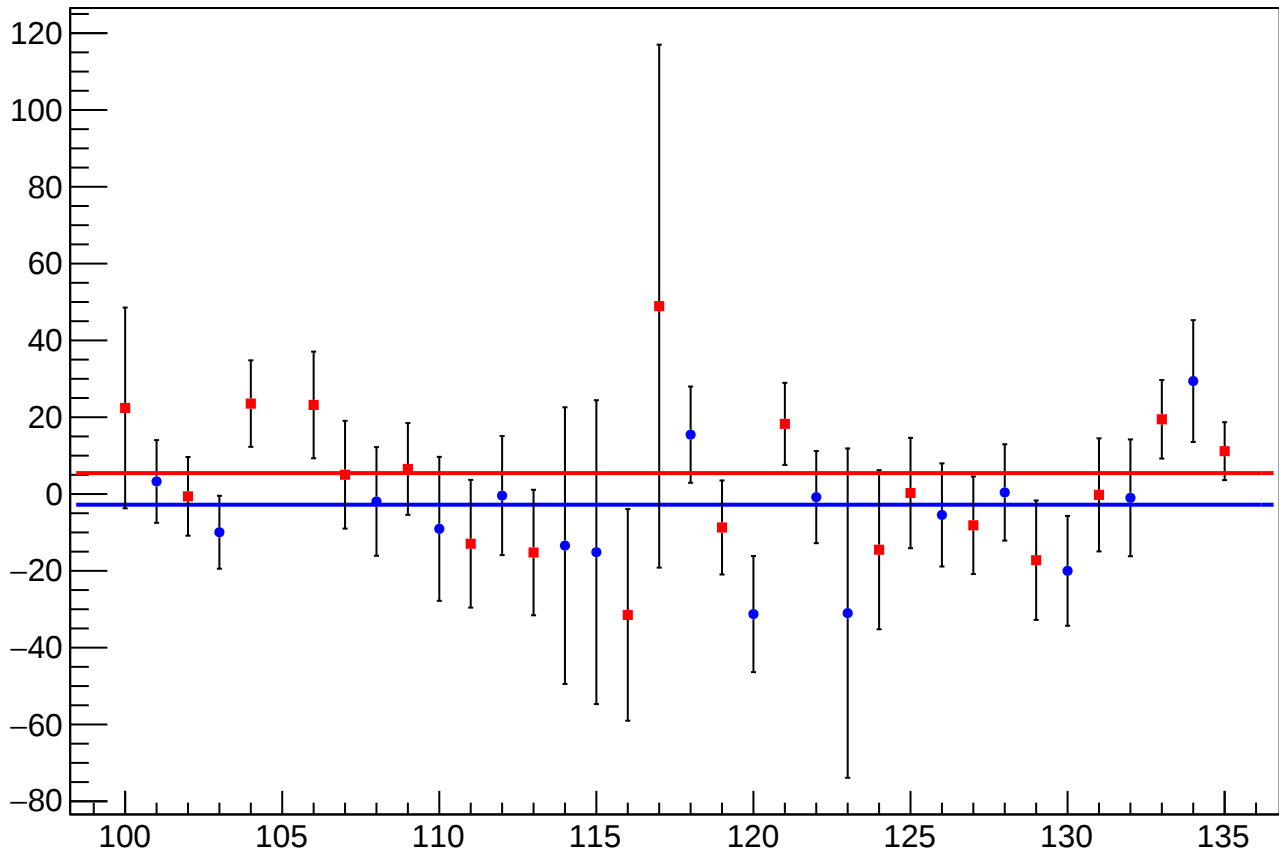
15243.443+/-4.535 χ^2/NDF : 343702.7/15

Right Out: 15161.516+/-4.130 χ^2/NDF : 393429.4/18

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

15161.516+/-4.130 χ^2/NDF : 393429.4/18

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

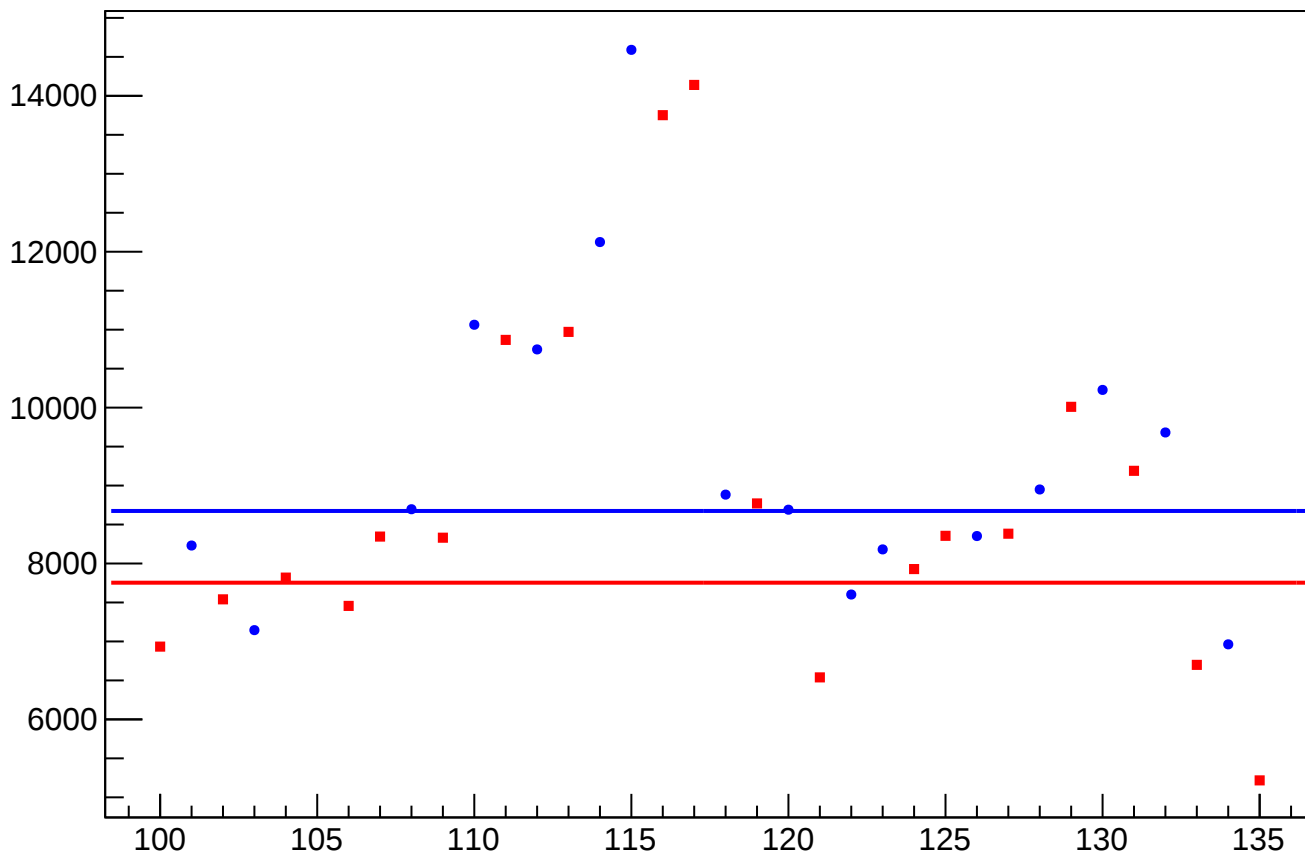
Right Out: 5.453+/-3.019 χ^2/NDF : 19.7/18

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

-2.779+/-3.616 χ^2/NDF : 13.0/15

5.453+/-3.019 χ^2/NDF : 19.7/18

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

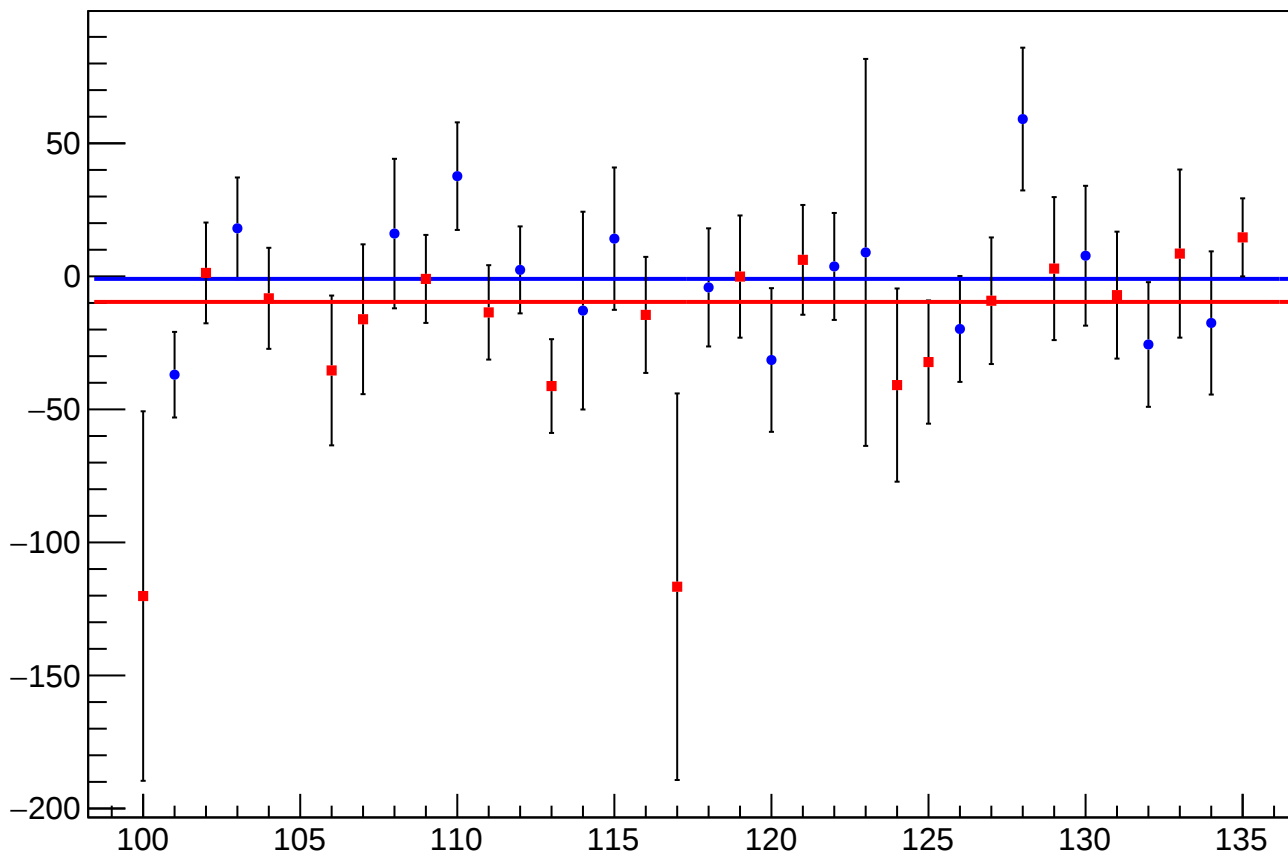
Right Out: 7753.832 $\pm$ 2.135 χ^2 /NDF: 628971.6/18

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

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

7753.832 $\pm$ 2.135 χ^2 /NDF: 628971.6/18

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

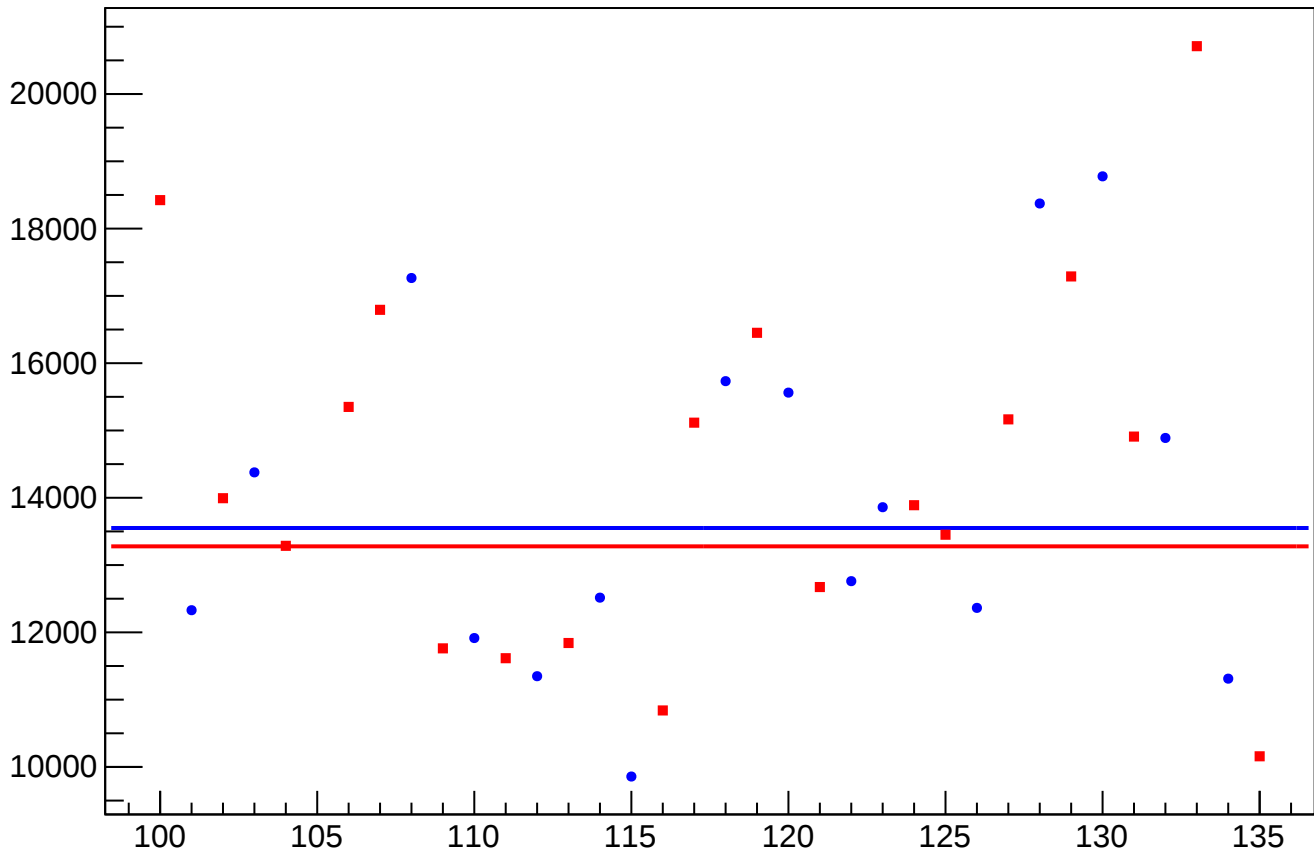
Right Out: -9.608+/-5.126 χ^2/NDF : 15.3/18

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

-0.952+/-5.697 χ^2/NDF : 19.4/15

-9.608+/-5.126 χ^2/NDF : 15.3/18

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

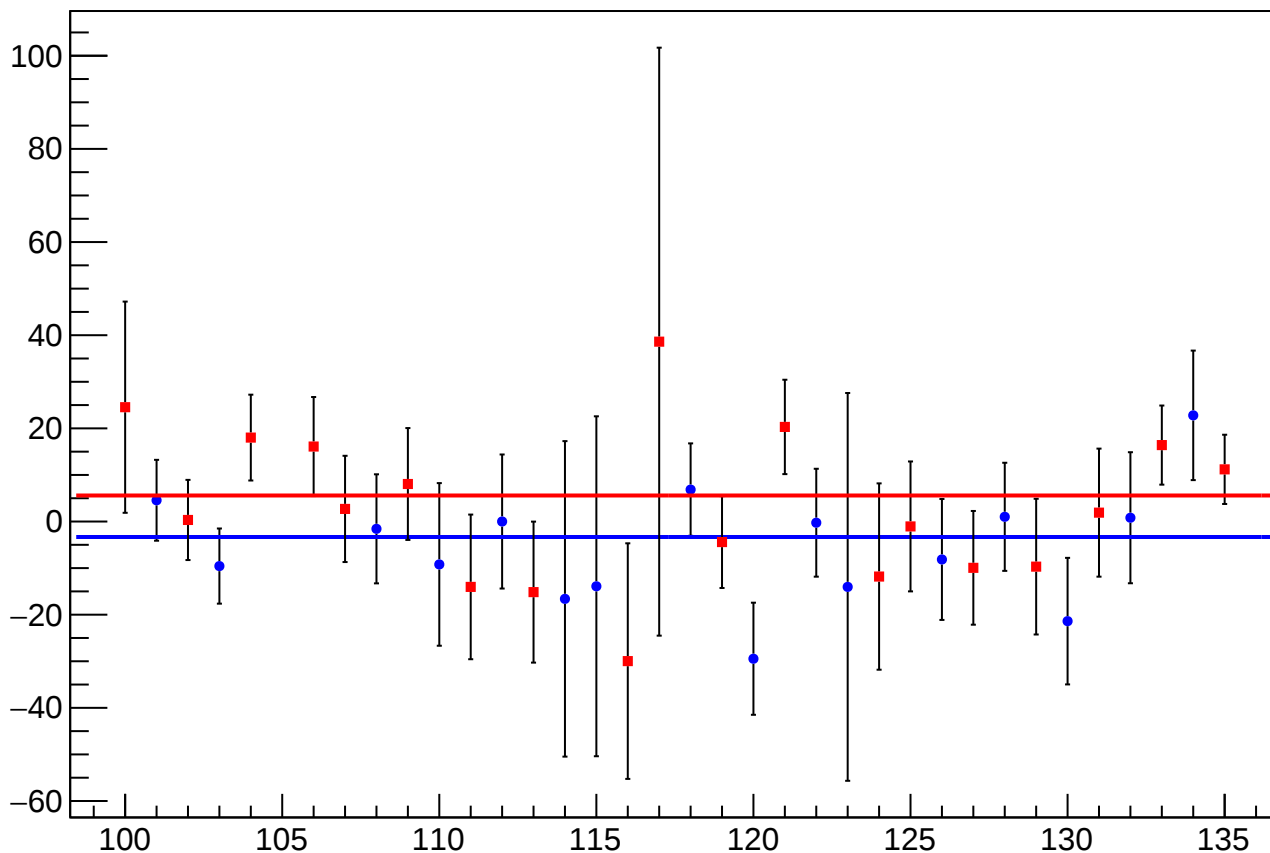
13550.850+/-4.028 χ^2/NDF : 344079.9/15

Right Out: 13278.054+/-3.624 χ^2/NDF : 437969.8/18

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

13278.054+/-3.624 χ^2/NDF : 437969.8/18

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

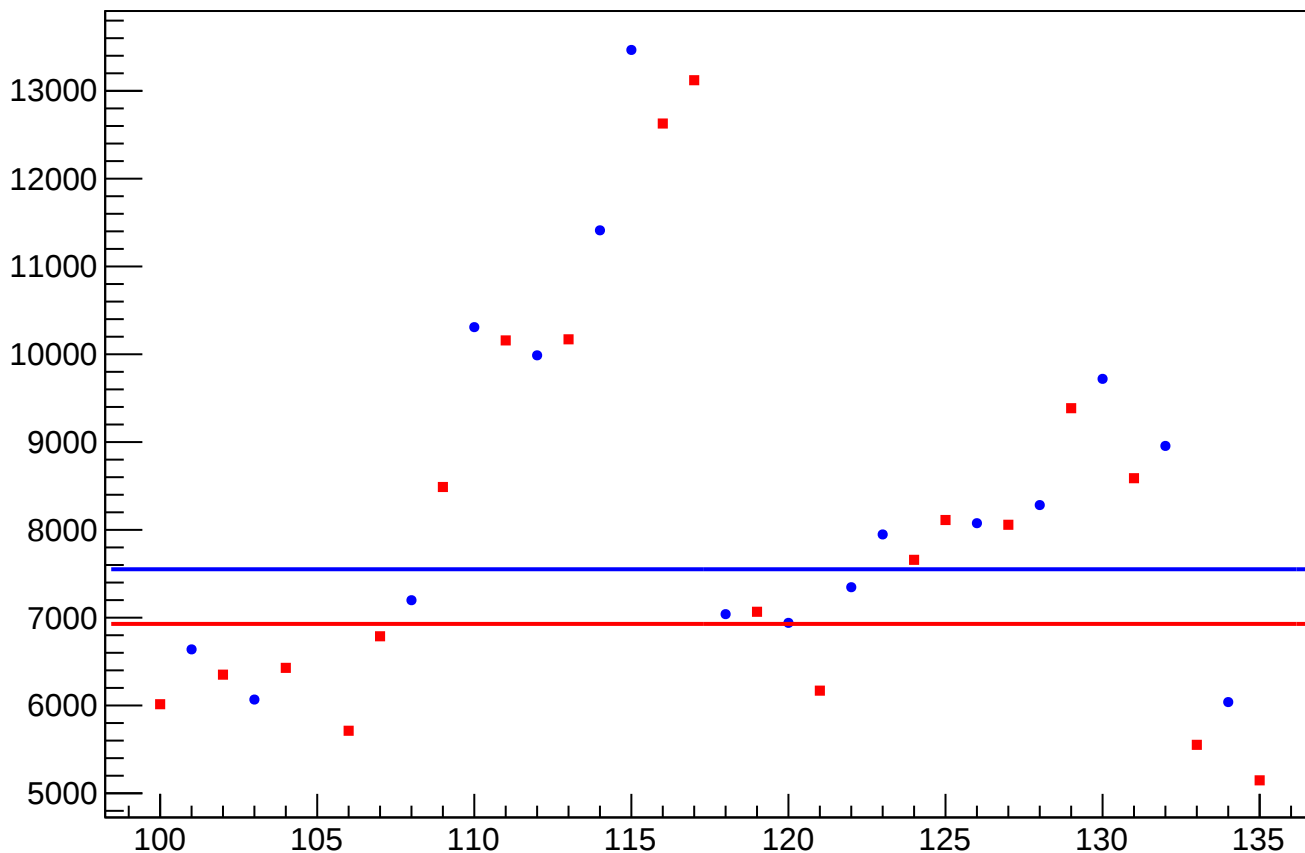
Right Out: 5.589+/-2.698 χ^2/NDF : 18.8/18

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

-3.322+/-3.166 χ^2/NDF : 13.4/15

5.589+/-2.698 χ^2/NDF : 18.8/18

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

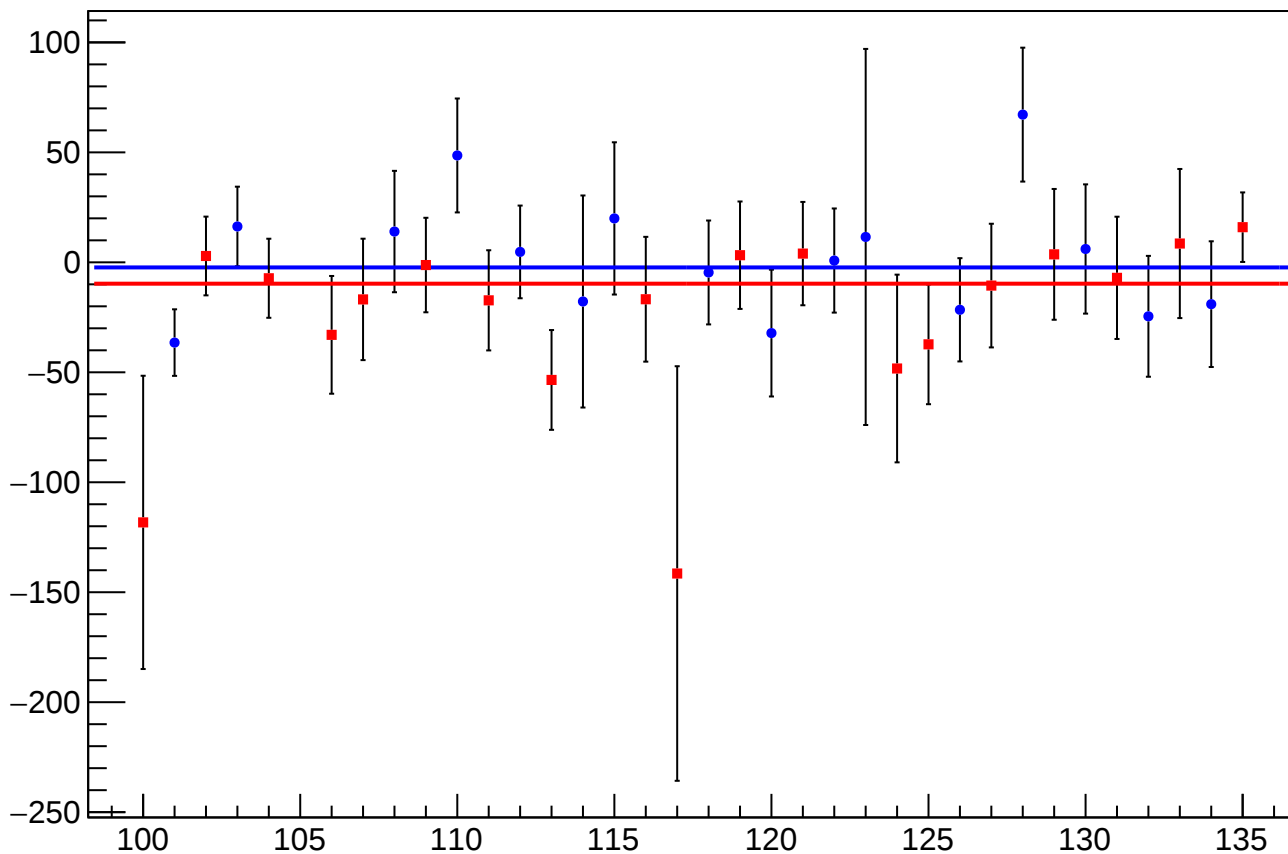
7551.462 $\pm$ 2.239 χ^2 /NDF: 394408.2/15

Right Out: 6929.036 $\pm$ 1.908 χ^2 /NDF: 676778.8/18

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

6929.036 $\pm$ 1.908 χ^2 /NDF: 676778.8/18

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

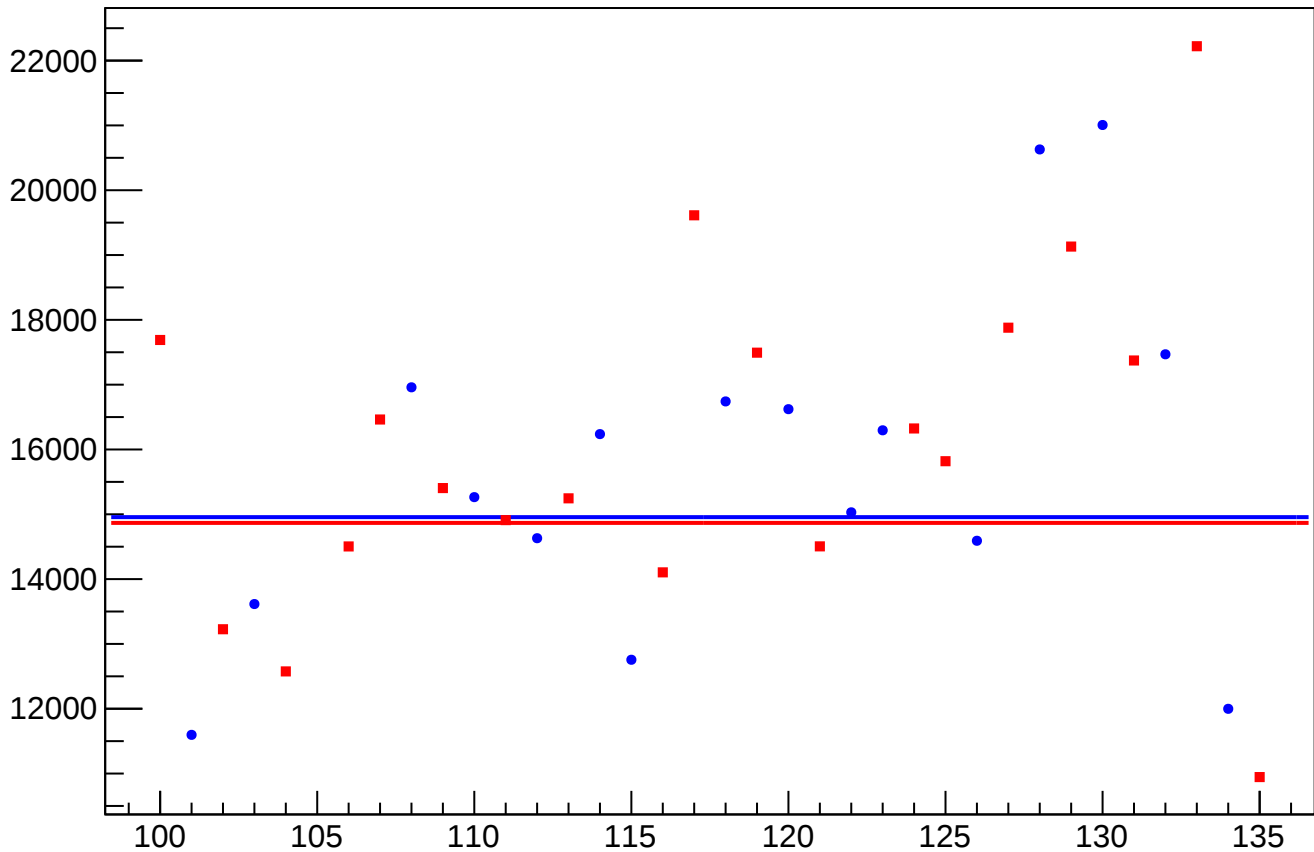
Right Out: -9.711+/-5.727 χ^2 /NDF: 15.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.317+/-6.292 χ^2 /NDF: 19.1/15

-9.711+/-5.727 χ^2 /NDF: 15.6/18

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

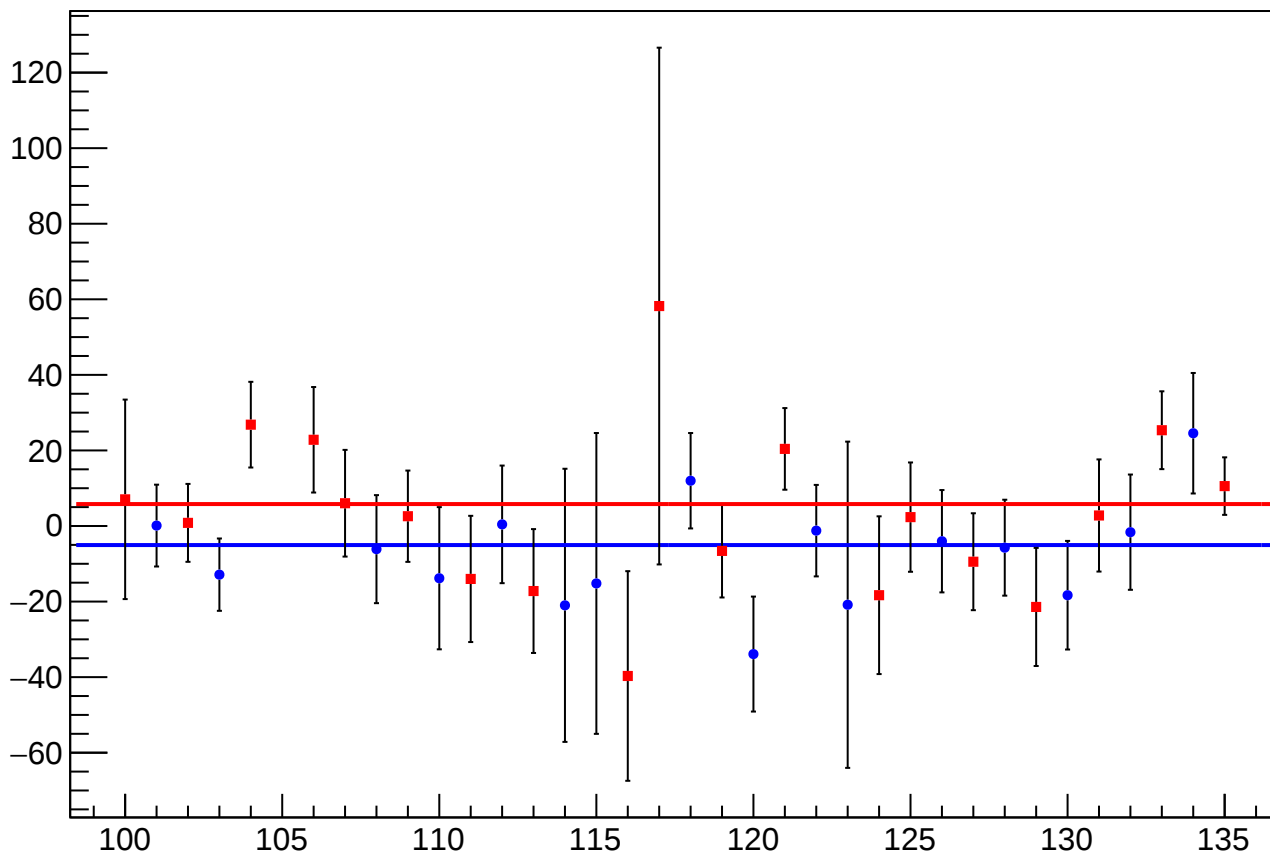
14956.073+/-4.449 χ^2/NDF : 341800.9/15

Right Out: 14867.213+/-4.050 χ^2/NDF : 394161.3/18

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

14867.213+/-4.050 χ^2/NDF : 394161.3/18

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

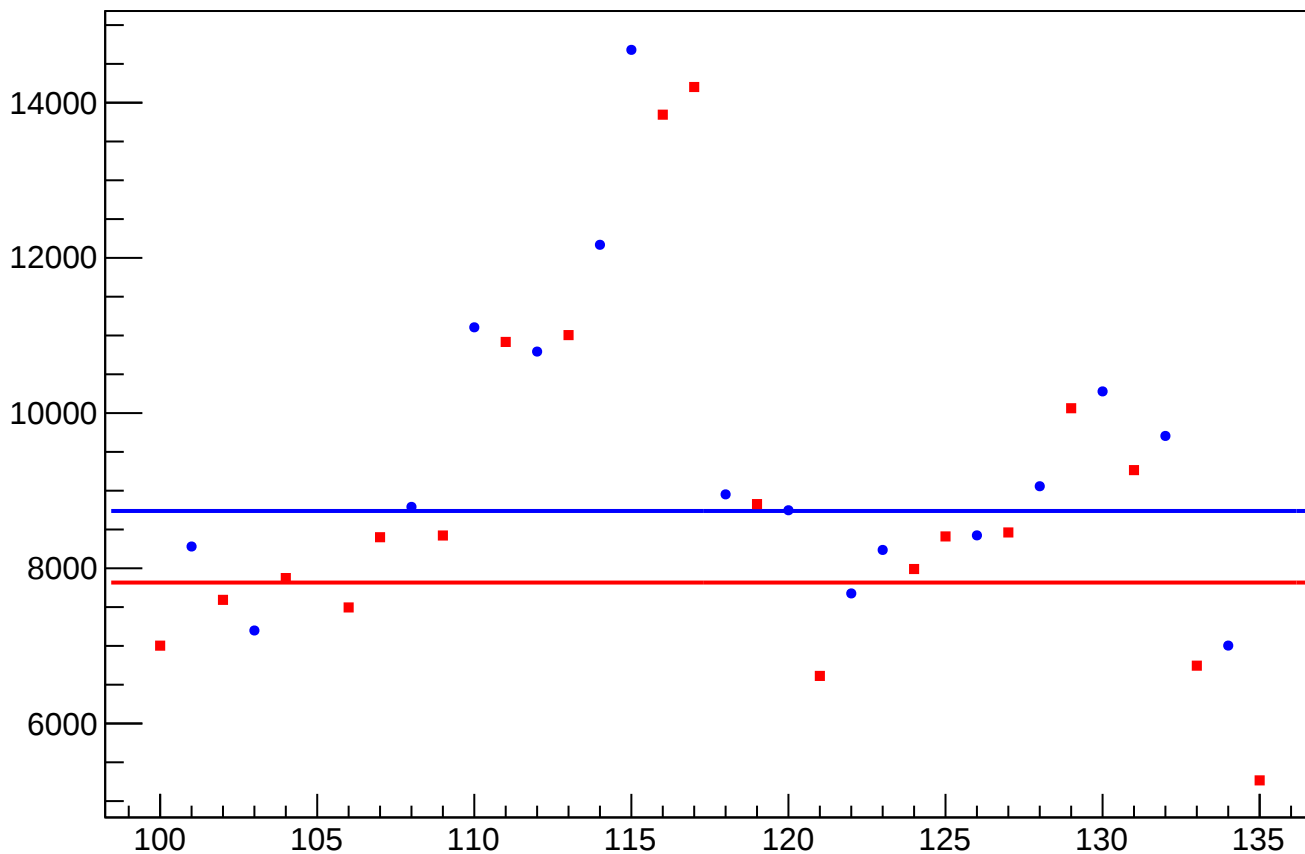
Right Out: 5.807+/-3.042 χ^2 /NDF: 24.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.043+/-3.643 χ^2 /NDF: 11.5/15

5.807+/-3.042 χ^2 /NDF: 24.6/18

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

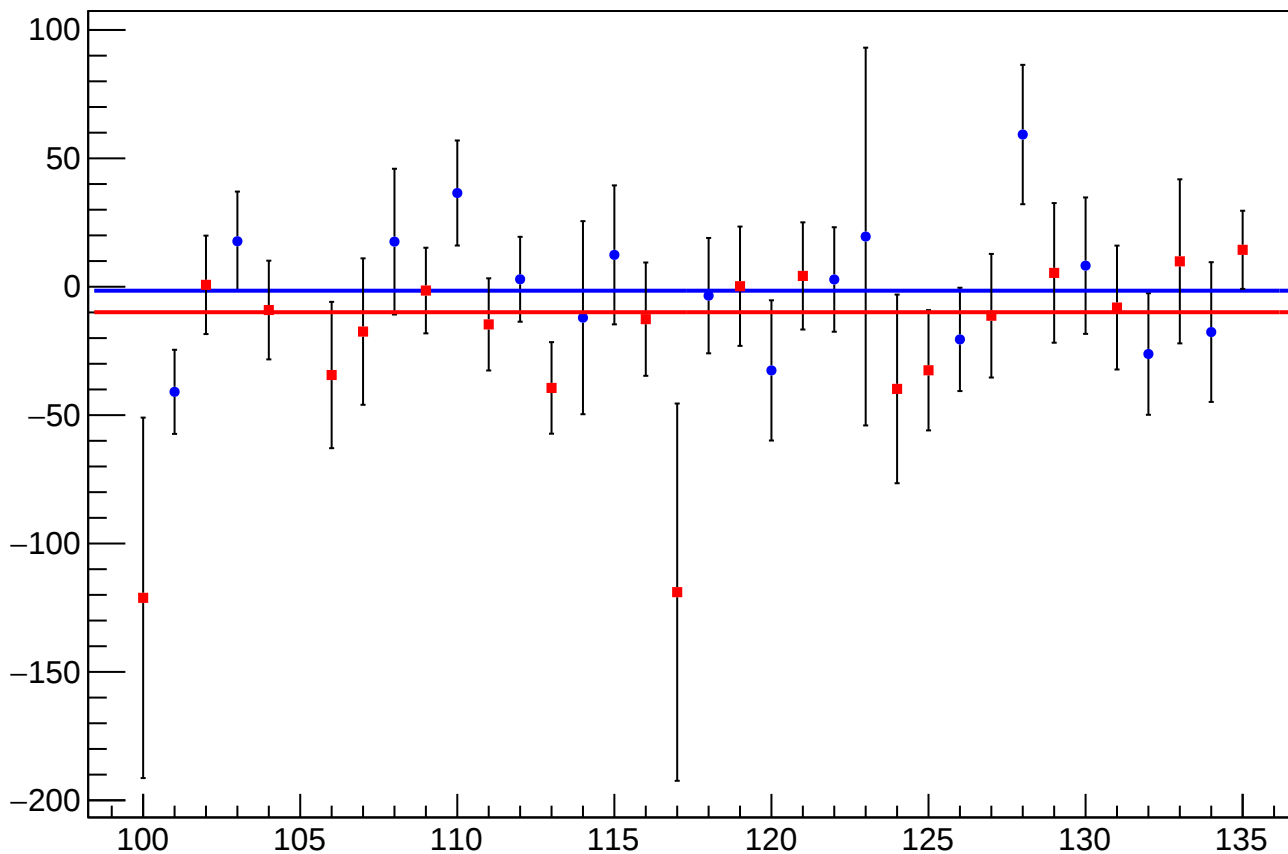
Right Out: 7816.228 $\pm$ 2.151 χ^2 /NDF: 622104.4/18

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

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

7816.228 $\pm$ 2.151 χ^2 /NDF: 622104.4/18

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

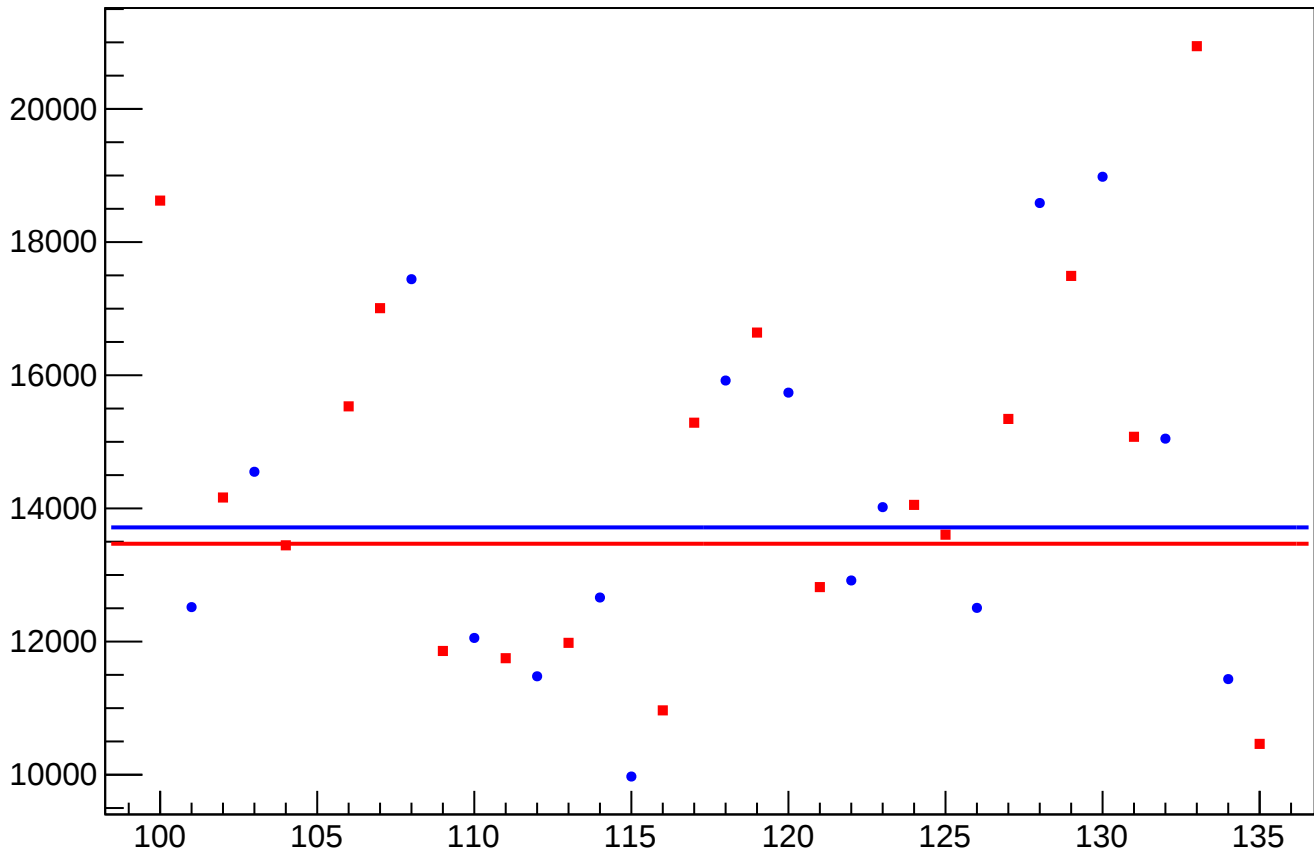
Right Out: -9.918+/-5.199 χ^2/NDF : 14.4/18

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

-1.539+/-5.767 χ^2/NDF : 20.0/15

-9.918+/-5.199 χ^2/NDF : 14.4/18

diff_bpm4ecX_rms vs Slug



Right In: 13715.025 $\pm$ 4.078 χ^2 /NDF: 342506.6/15

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

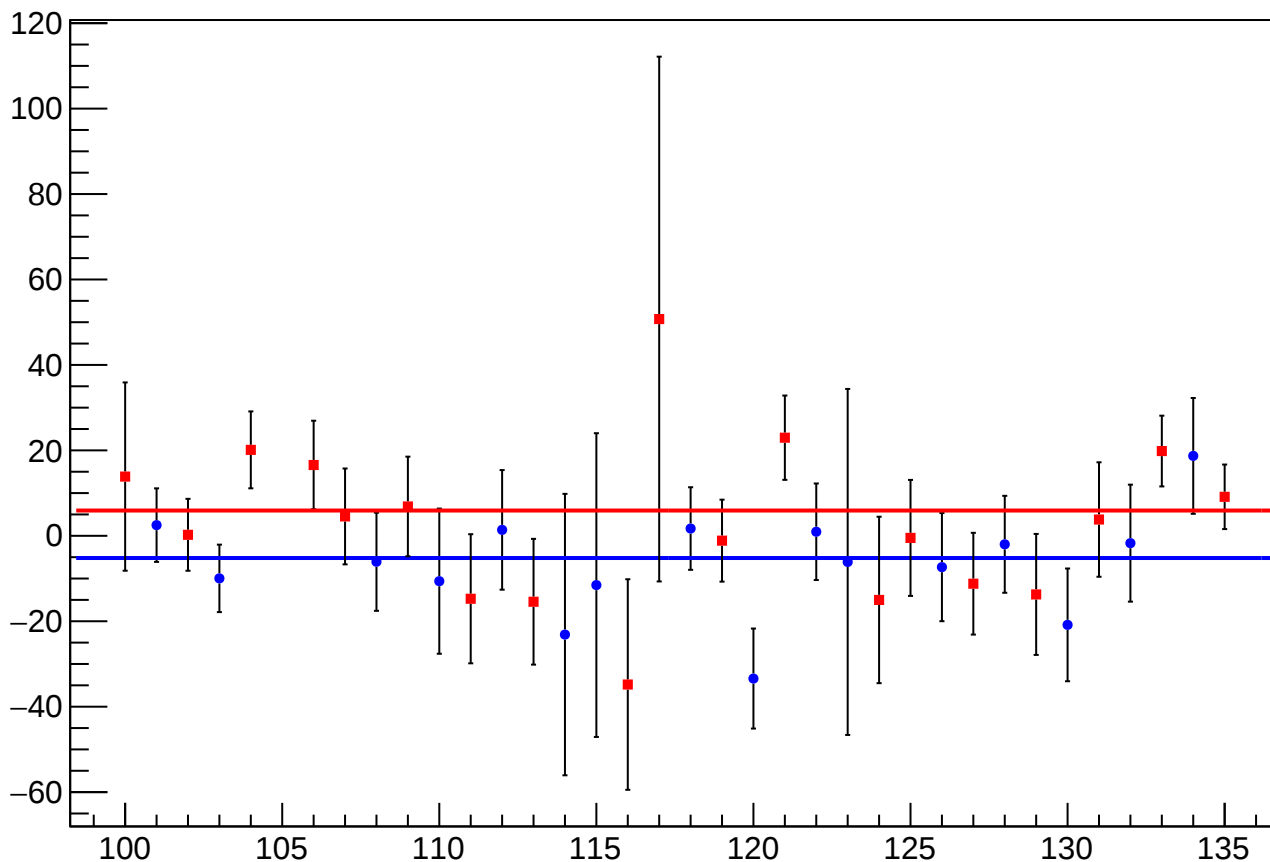
Right Out: 13469.354 $\pm$ 3.677 χ^2 /NDF: 424630.5/18

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

13715.025 $\pm$ 4.078 χ^2 /NDF: 342506.6/15

13469.354 $\pm$ 3.677 χ^2 /NDF: 424630.5/18

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

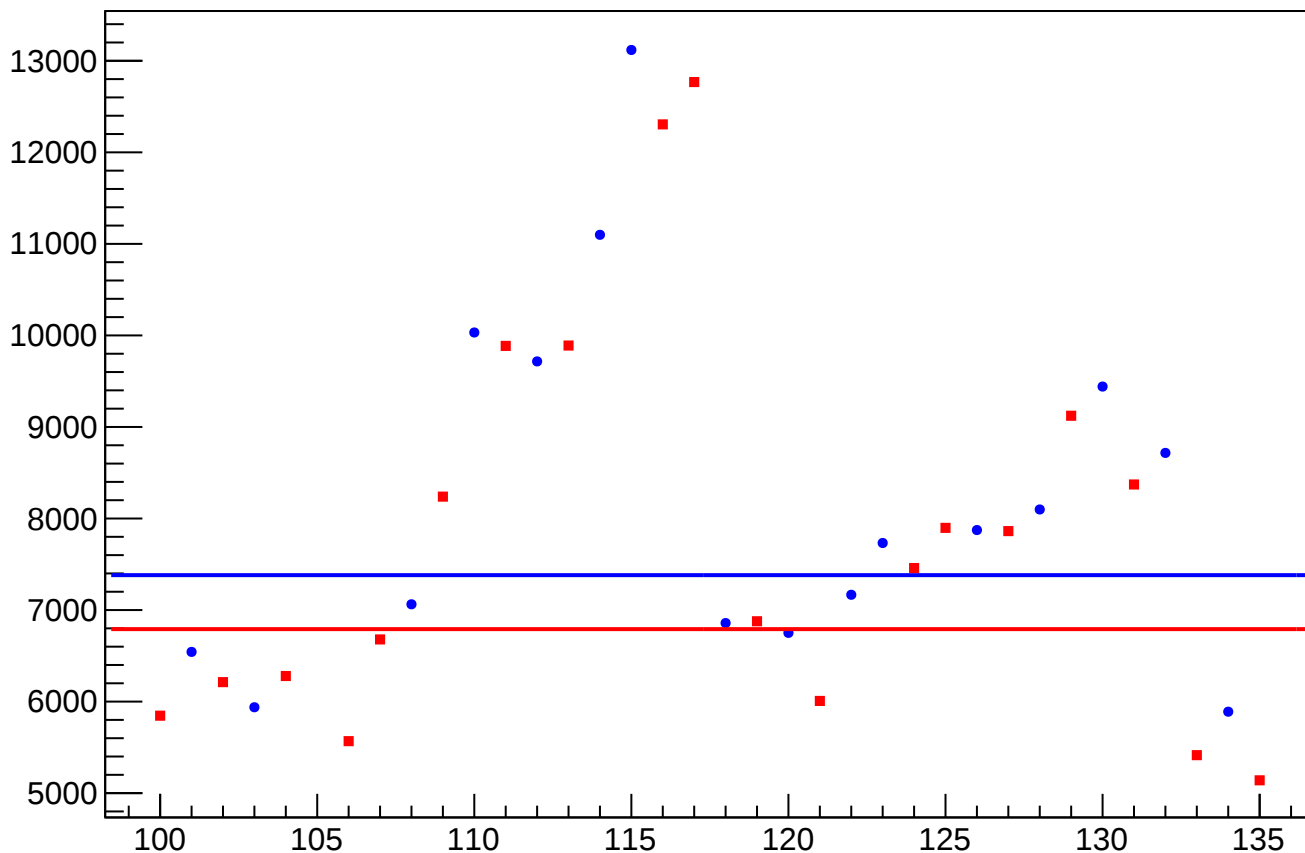
Right Out: 5.918+/-2.645 χ^2 /NDF: 23.3/18

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

-5.197+/-3.095 χ^2 /NDF: 13.1/15

5.918+/-2.645 χ^2 /NDF: 23.3/18

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

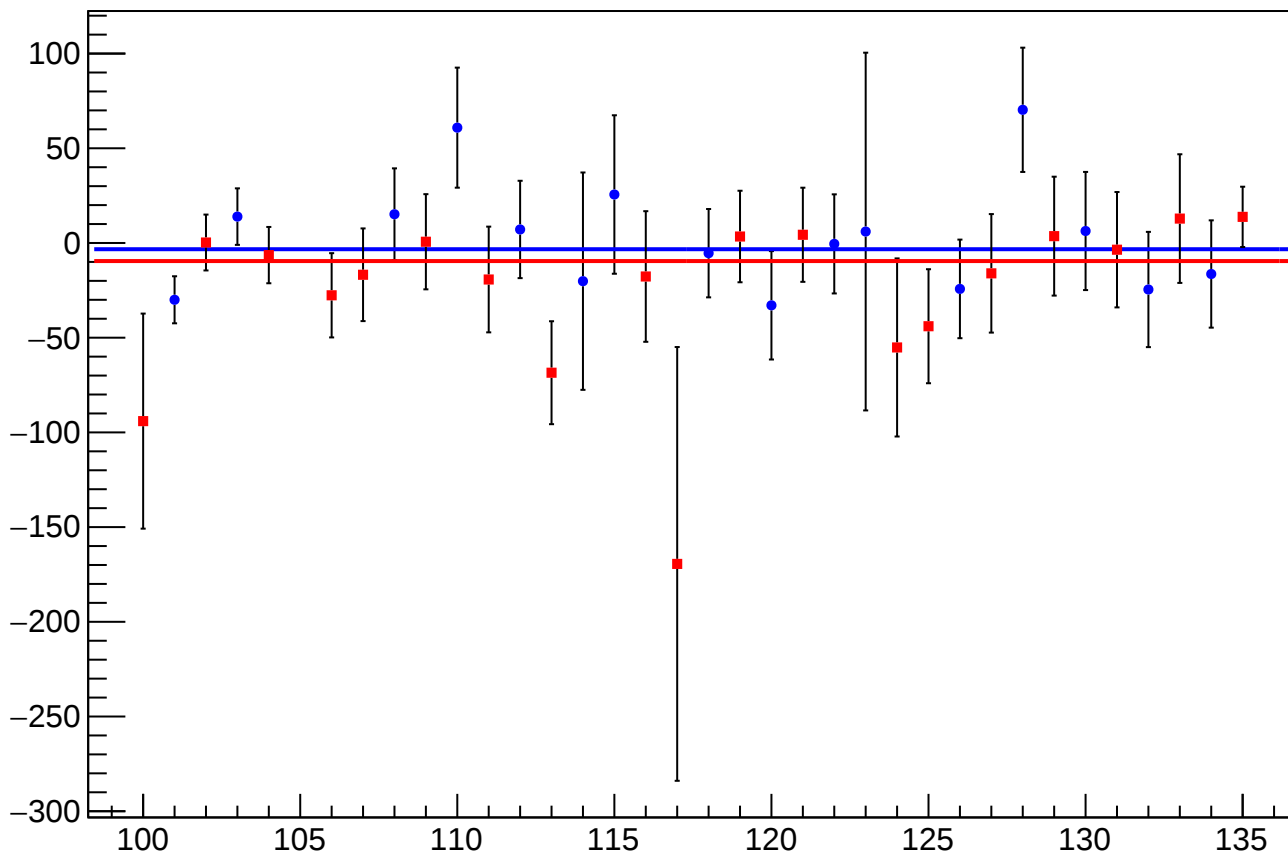
Right Out: 6791.662+/-1.870 χ^2/NDF : 647571.3/18

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

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

6791.662+/-1.870 χ^2/NDF : 647571.3/18

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

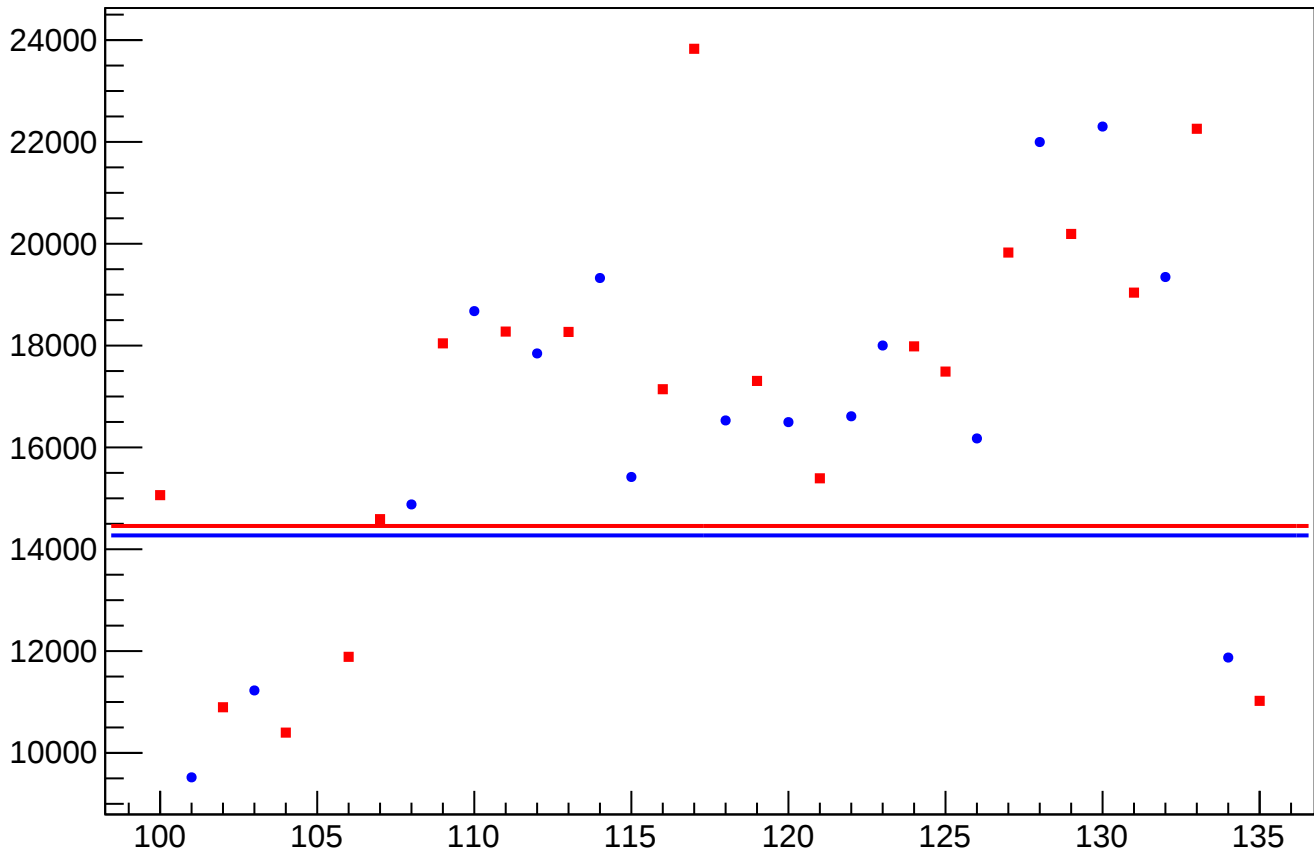
Right Out: -9.546+/-5.672 χ^2/NDF : 16.1/18

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

-3.289+/-6.148 χ^2/NDF : 18.9/15

-9.546+/-5.672 χ^2/NDF : 16.1/18

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

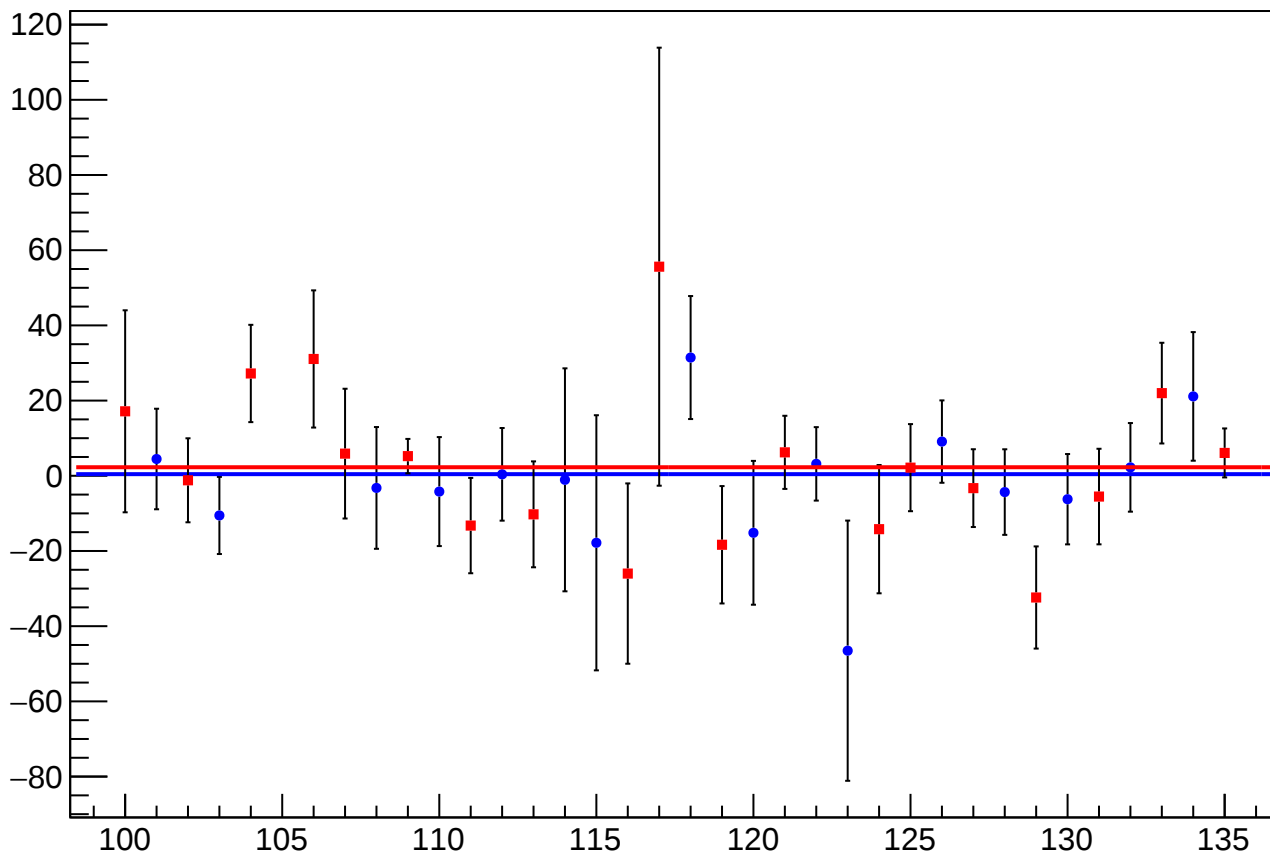
14271.653+/-4.347 χ^2/NDF : 845747.2/15

Right Out: 14457.276+/-4.011 χ^2/NDF : 867533.3/18

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

14457.276+/-4.011 χ^2/NDF : 867533.3/18

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

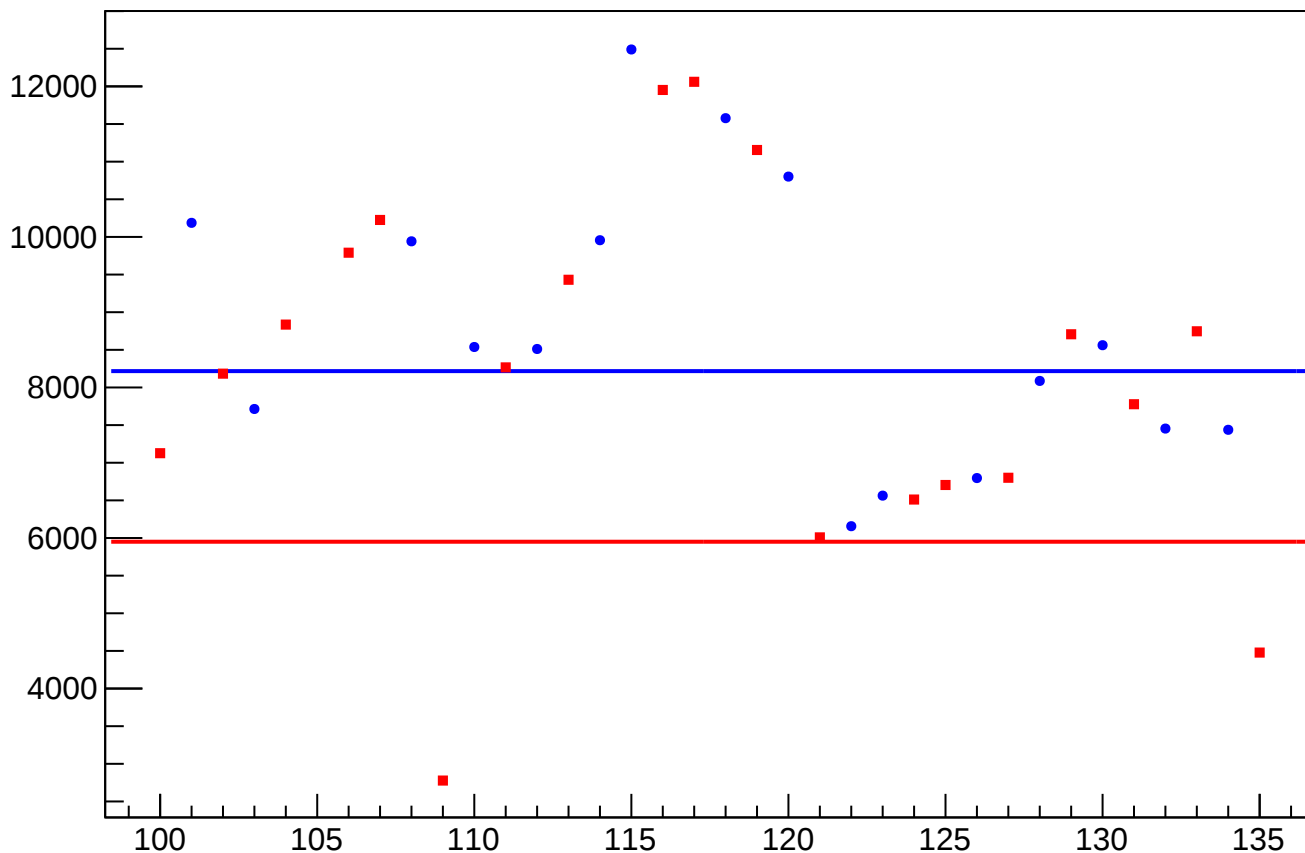
Right Out: 2.273+/-2.513 χ^2/NDF : 24.1/18

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

0.434+/-3.458 χ^2/NDF : 10.5/15

2.273+/-2.513 χ^2/NDF : 24.1/18

diff_bpm1Y_rms vs Slug



Right In: 8217.294 $\pm$ 2.445 χ^2 /NDF: 374144.2/15

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

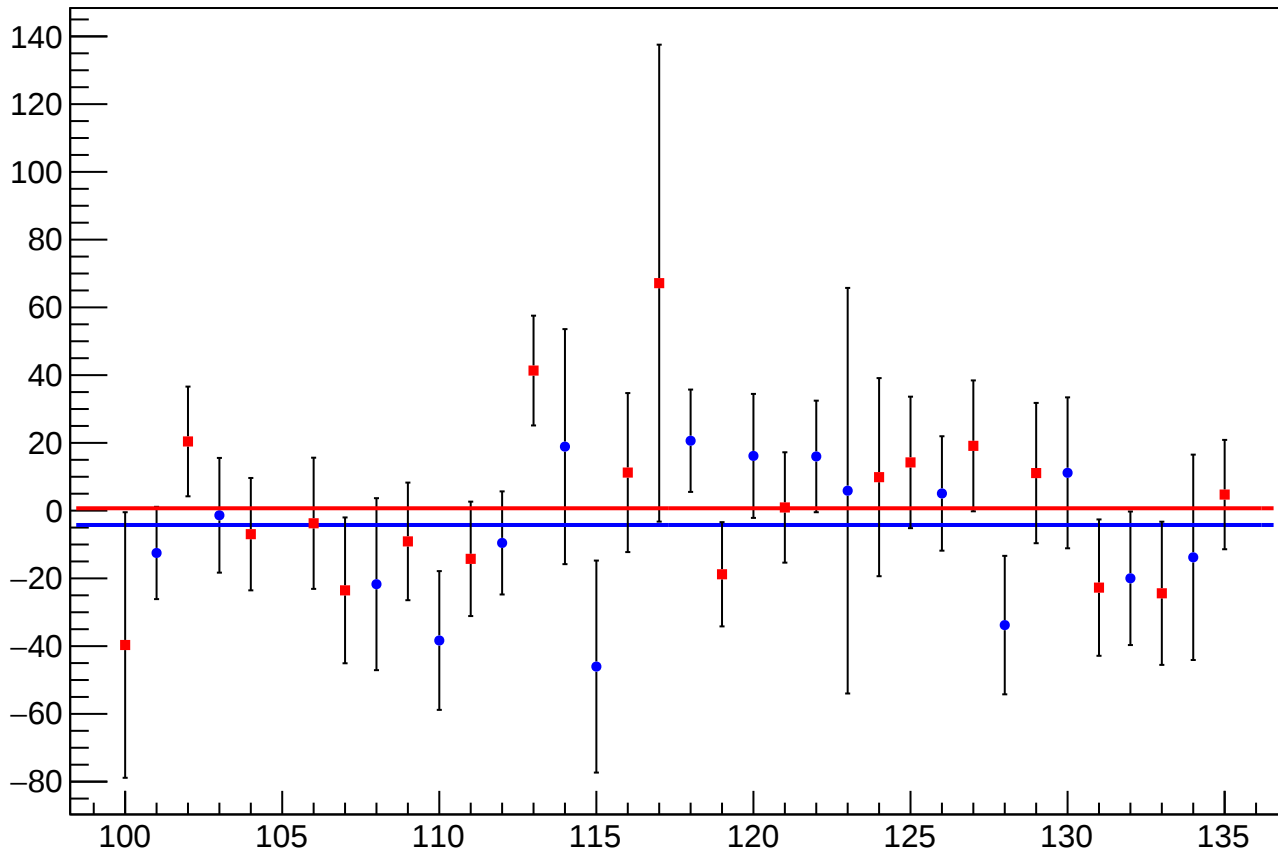
Right Out: 5950.606 $\pm$ 1.777 χ^2 /NDF: 2250977.7/18

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

8217.294 $\pm$ 2.445 χ^2 /NDF: 374144.2/15

5950.606 $\pm$ 1.777 χ^2 /NDF: 2250977.7/18

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

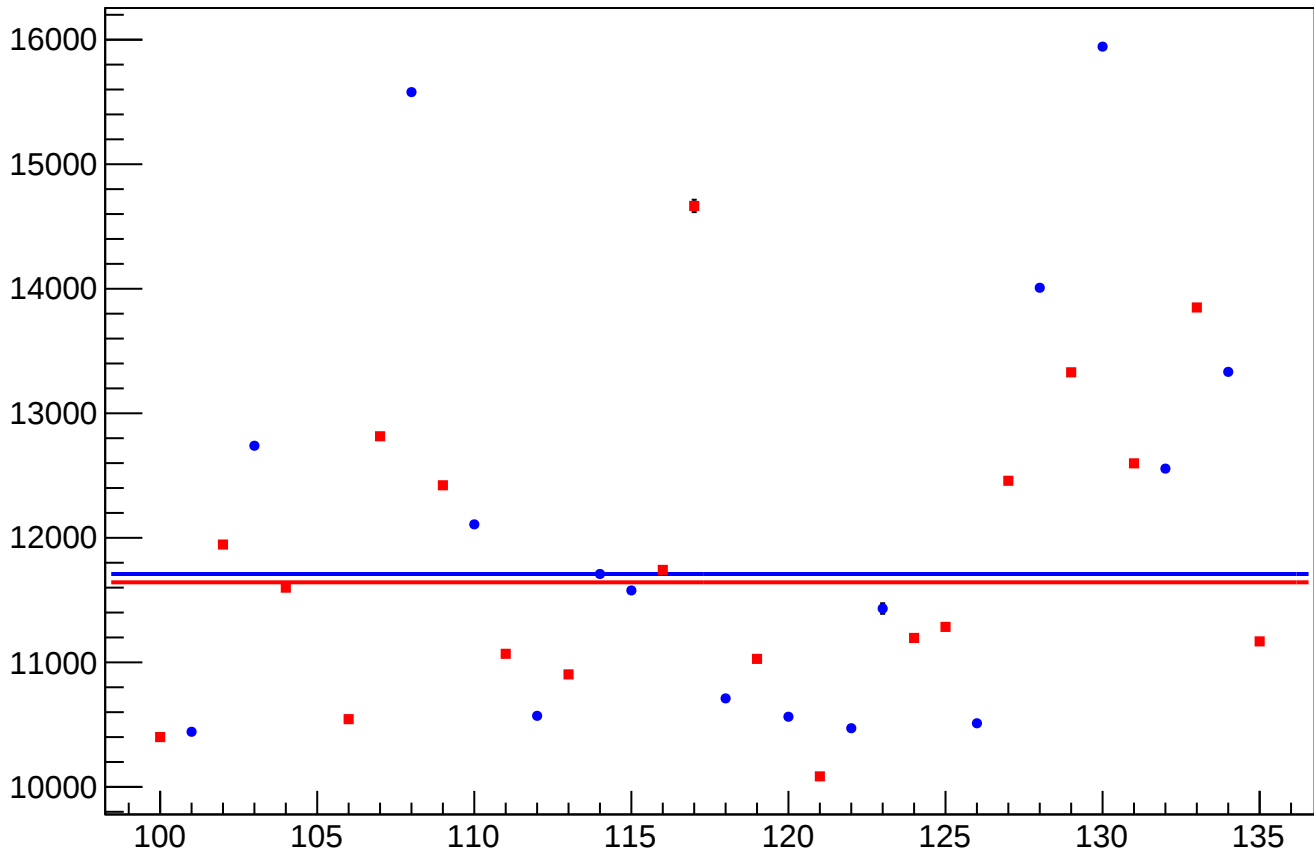
Right Out: 0.699+/-4.430 χ^2/NDF : 18.7/18

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

-4.234+/-4.886 χ^2/NDF : 15.1/15

0.699+/-4.430 χ^2/NDF : 18.7/18

diff_bpm11X_rms vs Slug



Right In: 11709.615 $\pm$ 3.455 χ^2 /NDF: 228158.3/15

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

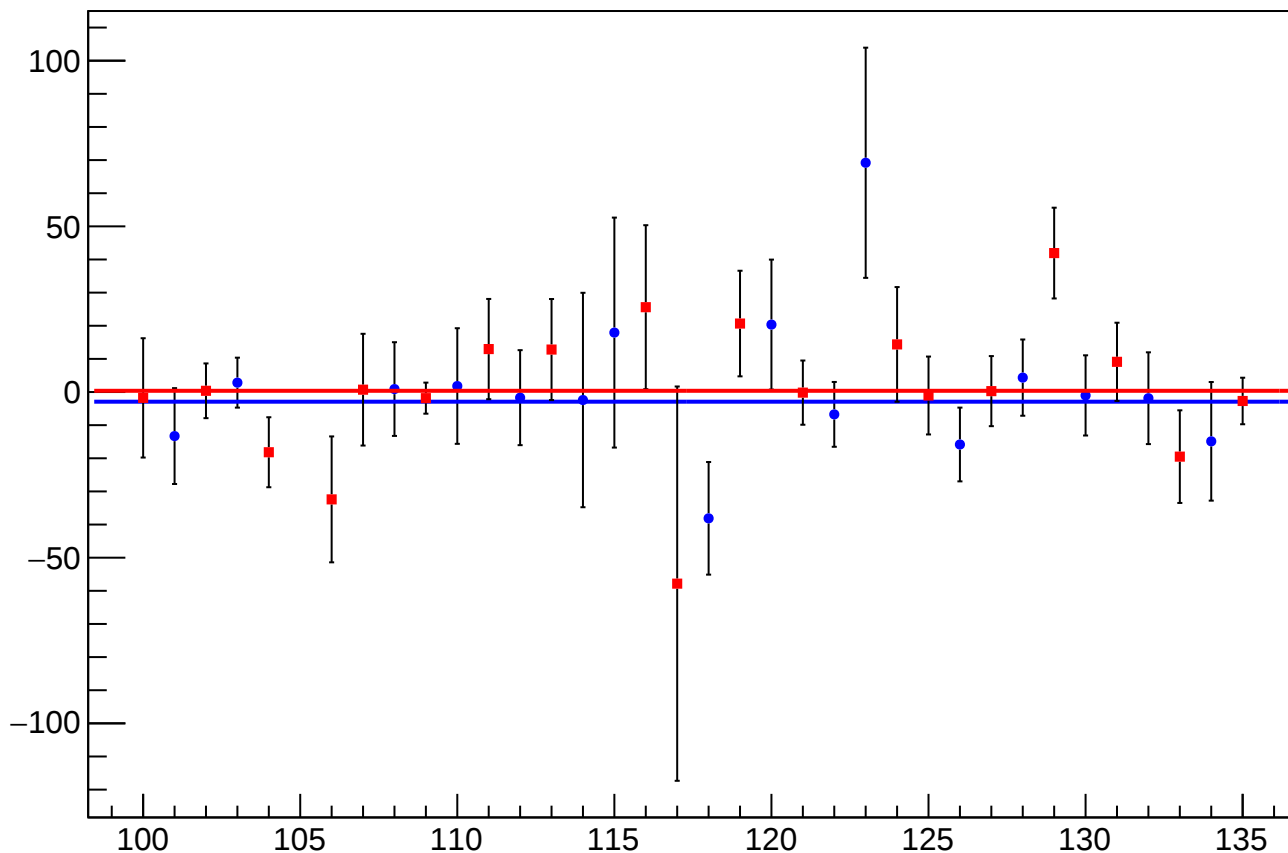
Right Out: 11642.756 $\pm$ 3.133 χ^2 /NDF: 96841.7/18

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

11709.615 $\pm$ 3.455 χ^2 /NDF: 228158.3/15

11642.756 $\pm$ 3.133 χ^2 /NDF: 96841.7/18

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

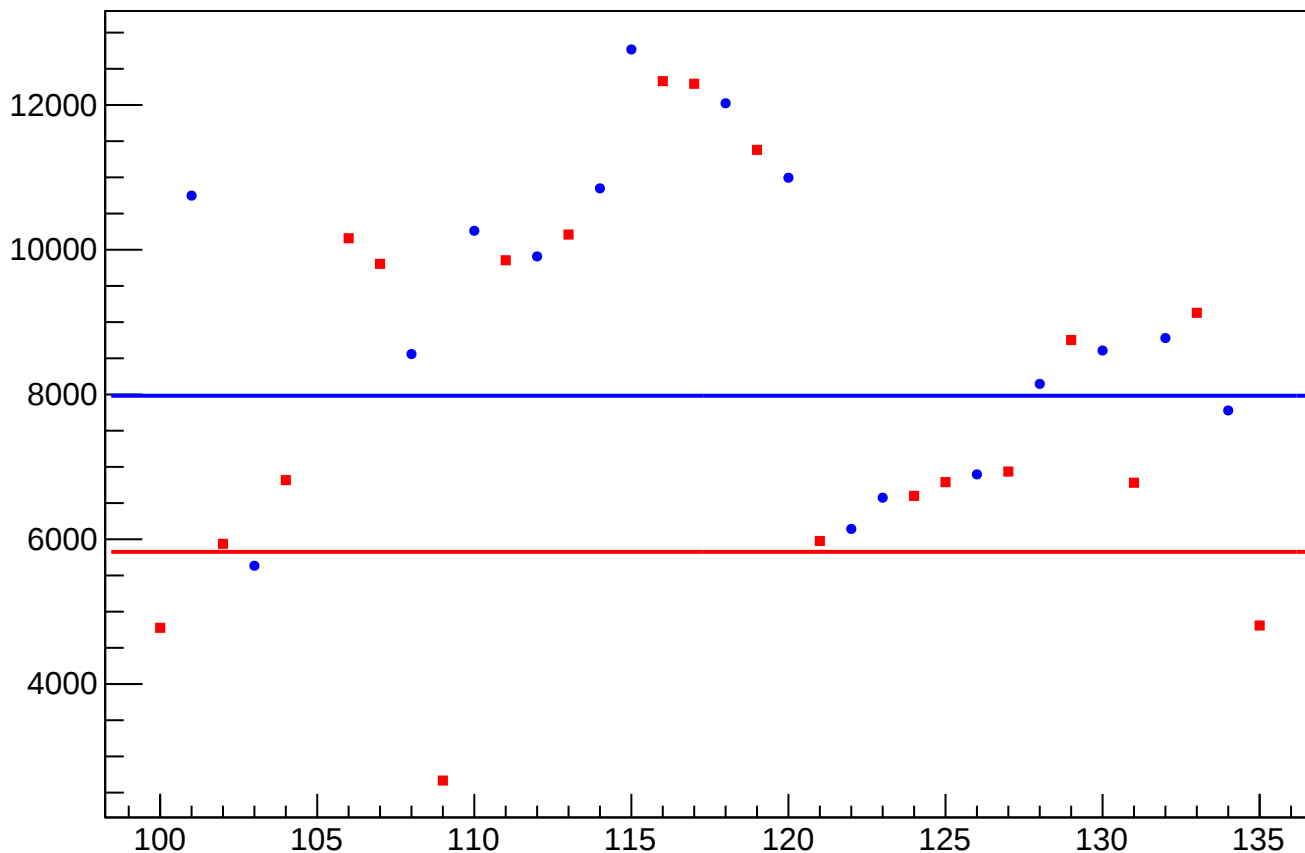
Right Out: 0.369+/-2.491 χ^2/NDF : 23.9/18

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

-2.919+/-3.421 χ^2/NDF : 14.0/15

0.369+/-2.491 χ^2/NDF : 23.9/18

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

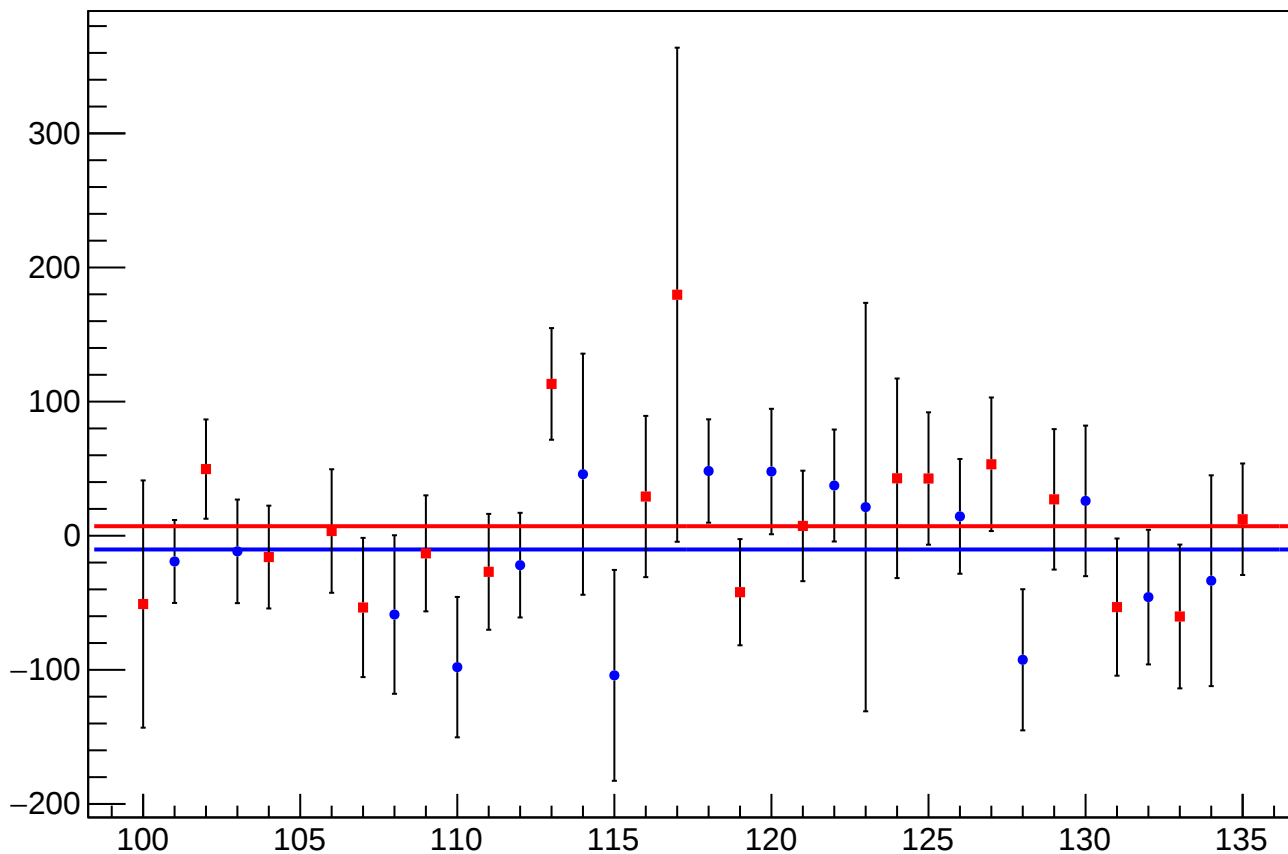
Right Out: 5826.478 $\pm$ 1.762 χ^2 /NDF: 2158508.7/18

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

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

5826.478 $\pm$ 1.762 χ^2 /NDF: 2158508.7/18

diff_bpm12X_mean vs Slug



Right In: -10.248 $\pm$ 12.091 χ^2 /NDF: 14.5/15

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

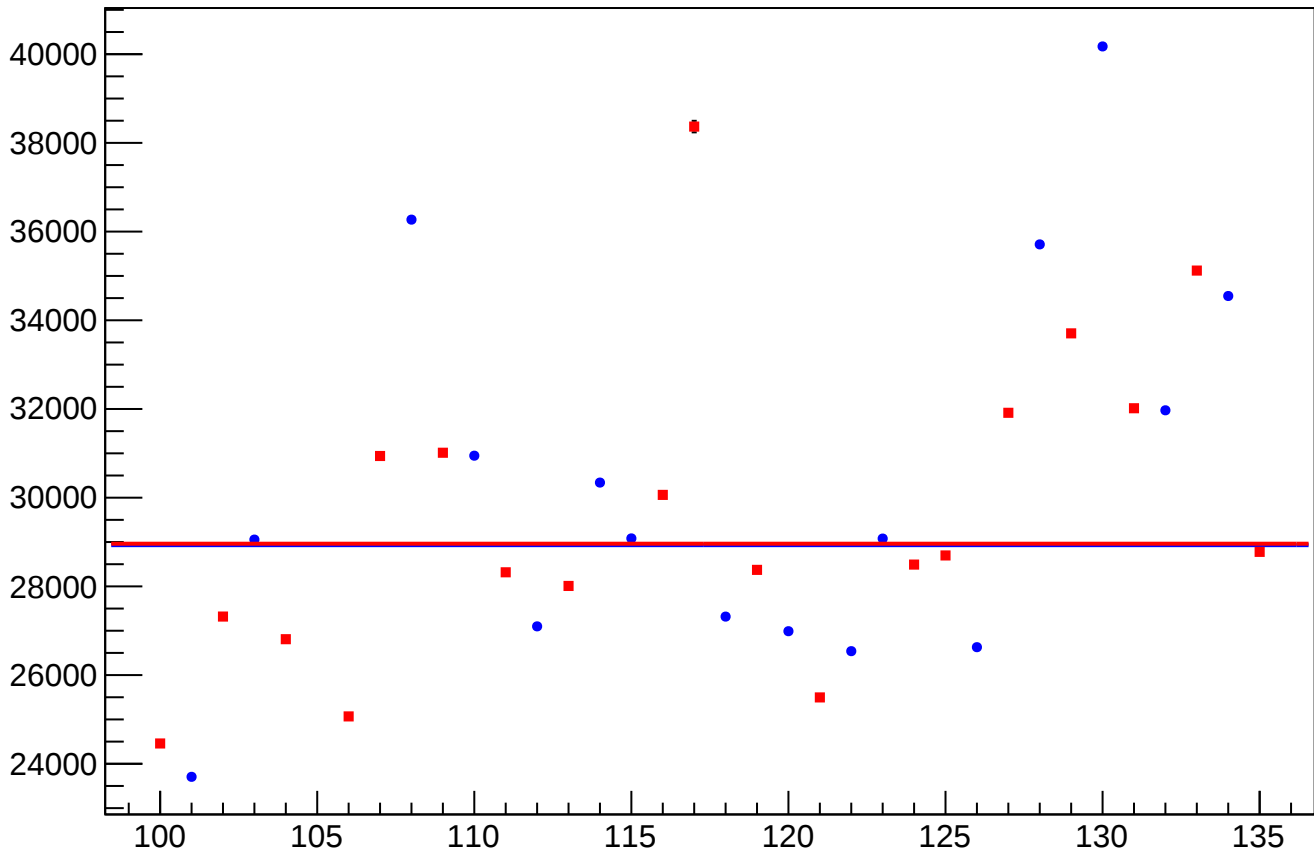
Right Out: 7.103 $\pm$ 11.031 χ^2 /NDF: 18.1/18

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

-10.248 $\pm$ 12.091 χ^2 /NDF: 14.5/15

7.103 $\pm$ 11.031 χ^2 /NDF: 18.1/18

diff_bpm12X_rms vs Slug



Right In: 28929.401+/-8.549 χ^2/NDF : 246122.6/15

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

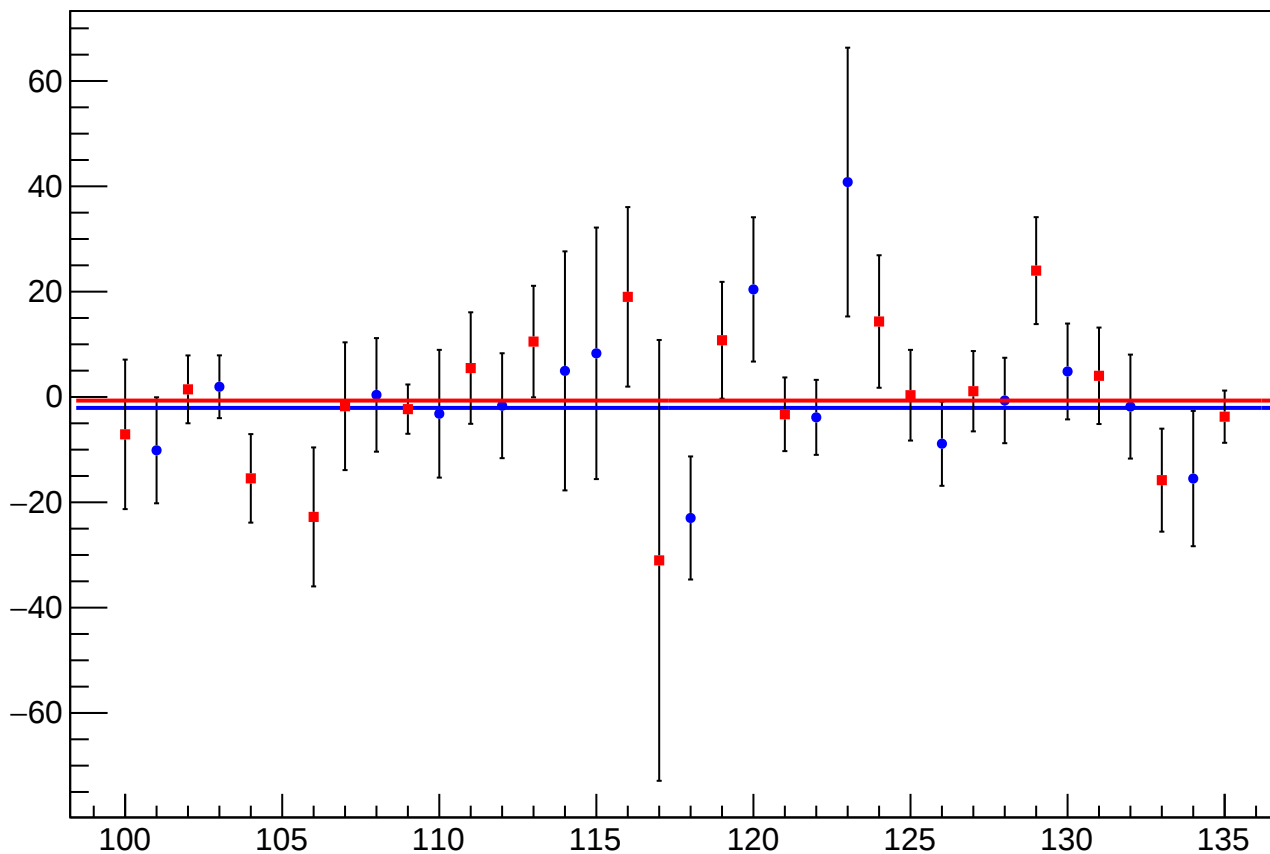
28929.401+/-8.549 χ^2/NDF : 246122.6/15

Right Out: 28962.130+/-7.800 χ^2/NDF : 115840.0/18

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

28962.130+/-7.800 χ^2/NDF : 115840.0/18

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

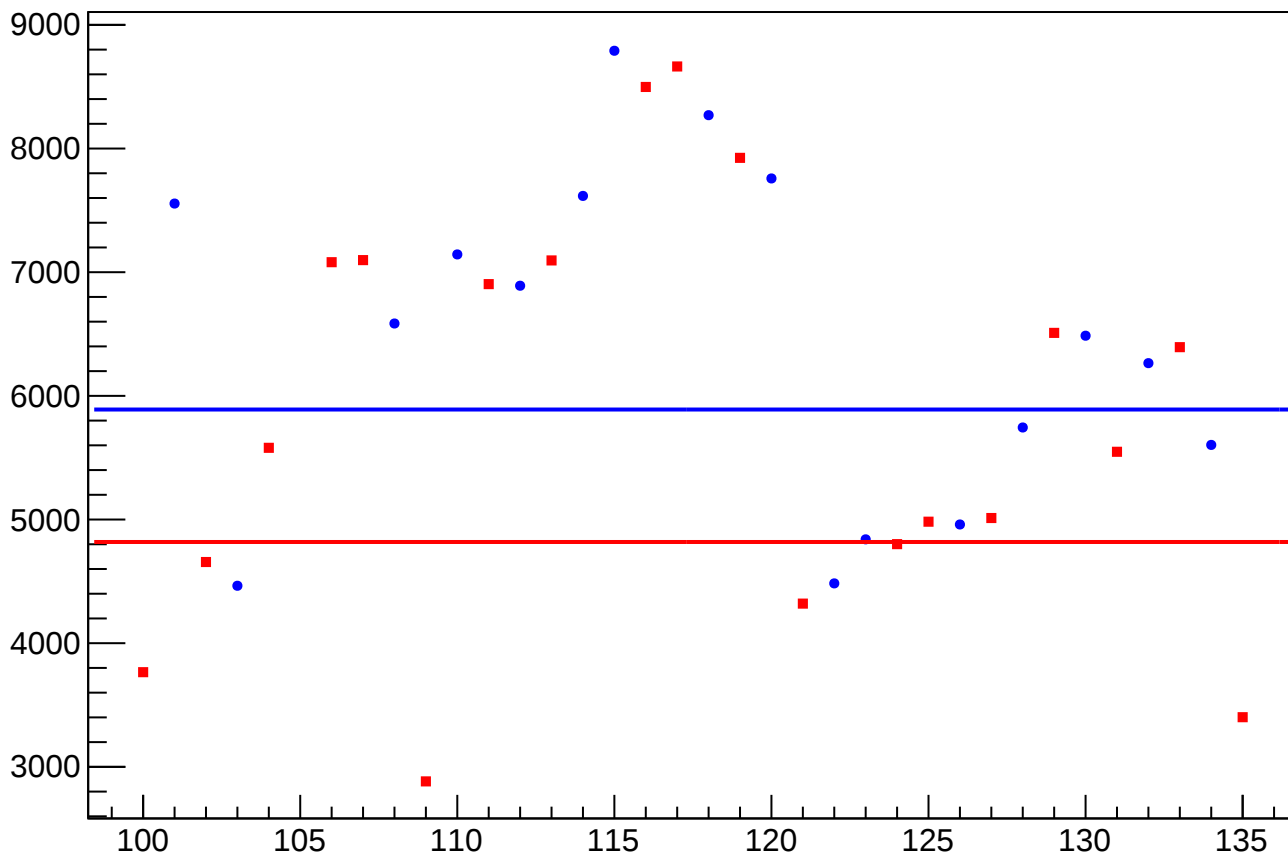
Right Out: -0.683+/-1.955 χ^2 /NDF: 21.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.071+/-2.497 χ^2 /NDF: 12.6/15

-0.683+/-1.955 χ^2 /NDF: 21.3/18

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

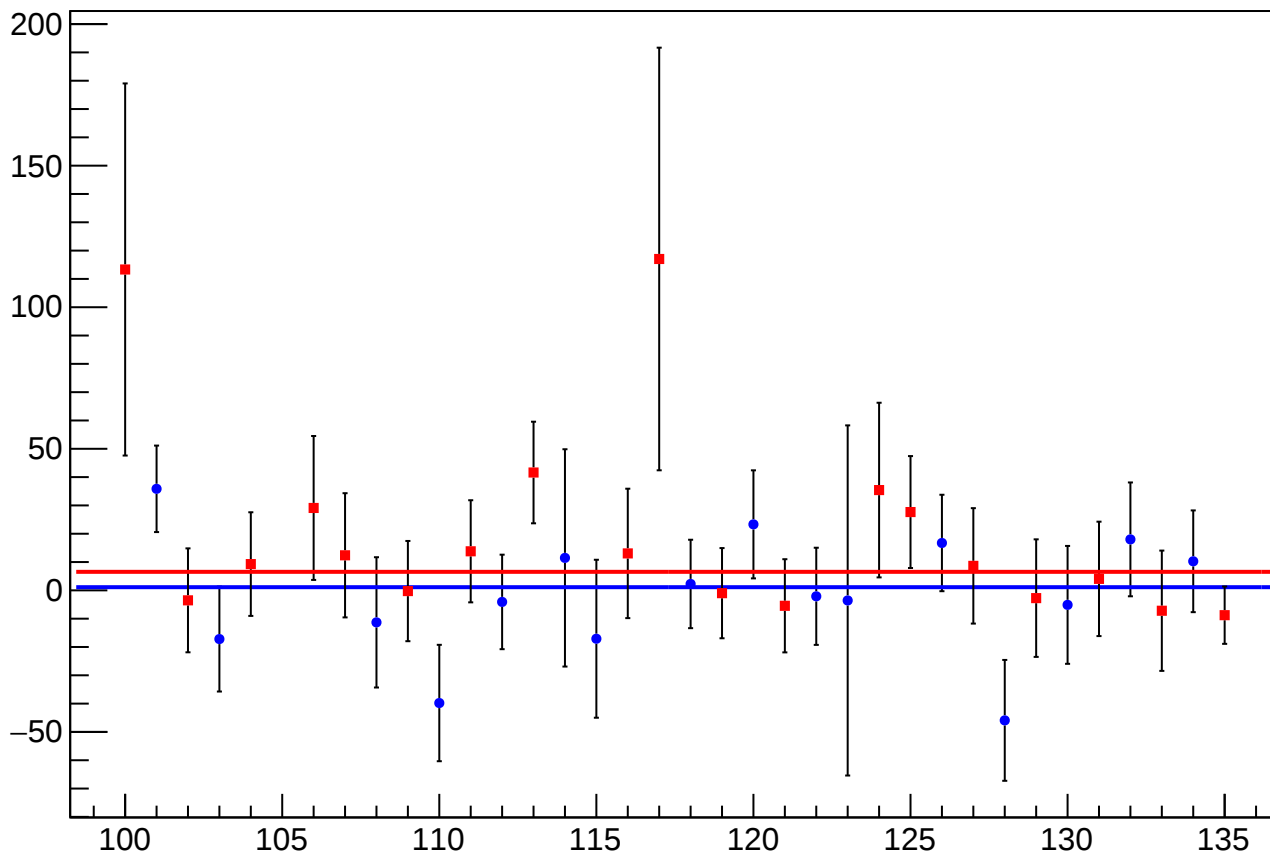
Right Out: 4818.405+/-1.383 χ^2/NDF : 1232887.6/18

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

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

4818.405+/-1.383 χ^2/NDF : 1232887.6/18

diff_bpm16X_mean vs Slug



Right In: 1.120+/-4.936 χ^2/NDF : 19.1/15

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

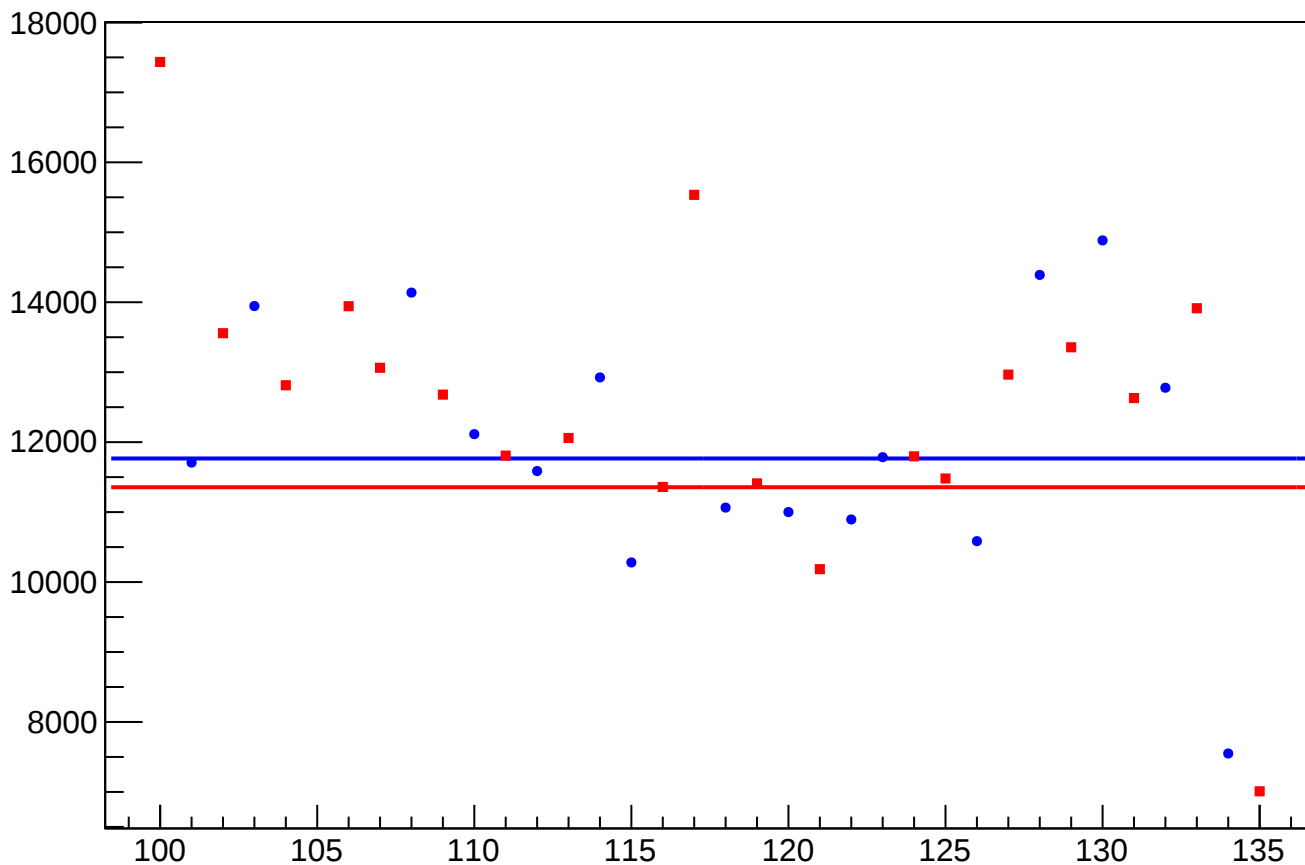
Right Out: 6.544+/-4.399 χ^2/NDF : 15.9/18

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

1.120+/-4.936 χ^2/NDF : 19.1/15

6.544+/-4.399 χ^2/NDF : 15.9/18

diff_bpm16X_rms vs Slug



Right In: 11766.651 $\pm$ 3.491 χ^2 /NDF: 269570.6/15

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

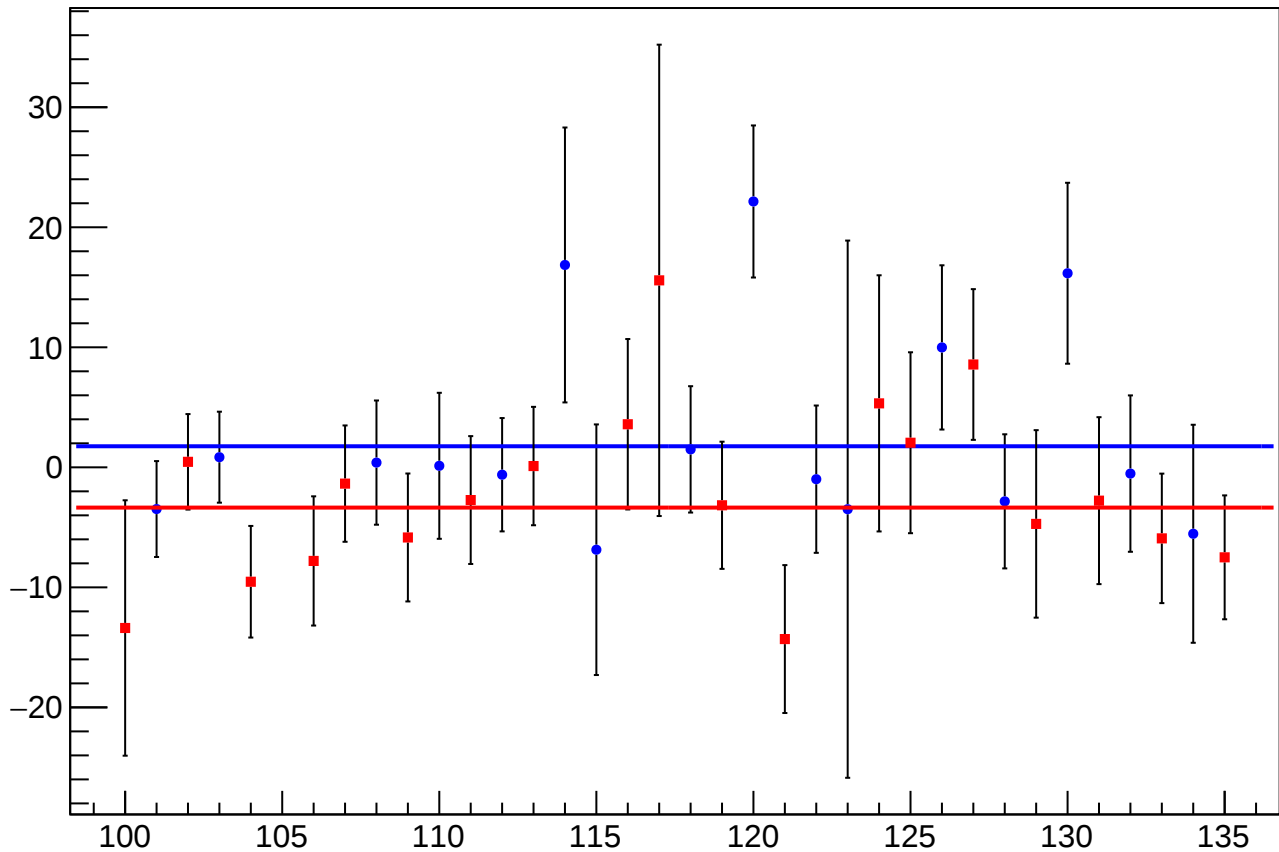
Right Out: 11355.921 $\pm$ 3.111 χ^2 /NDF: 560310.9/18

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

11766.651 $\pm$ 3.491 χ^2 /NDF: 269570.6/15

11355.921 $\pm$ 3.111 χ^2 /NDF: 560310.9/18

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

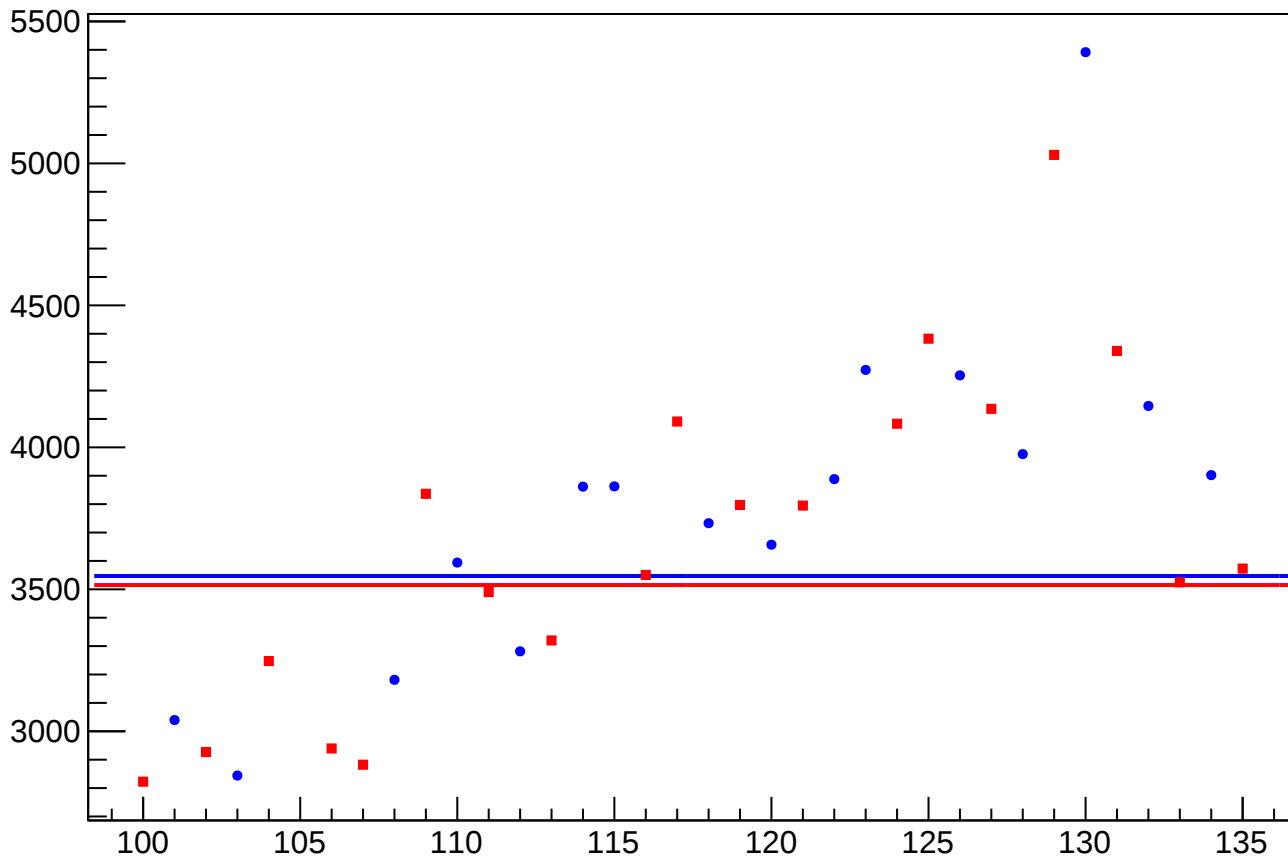
Right Out: -3.355+/-1.346 χ^2/NDF : 15.9/18

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

1.755+/-1.483 χ^2/NDF : 21.8/15

-3.355+/-1.346 χ^2/NDF : 15.9/18

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

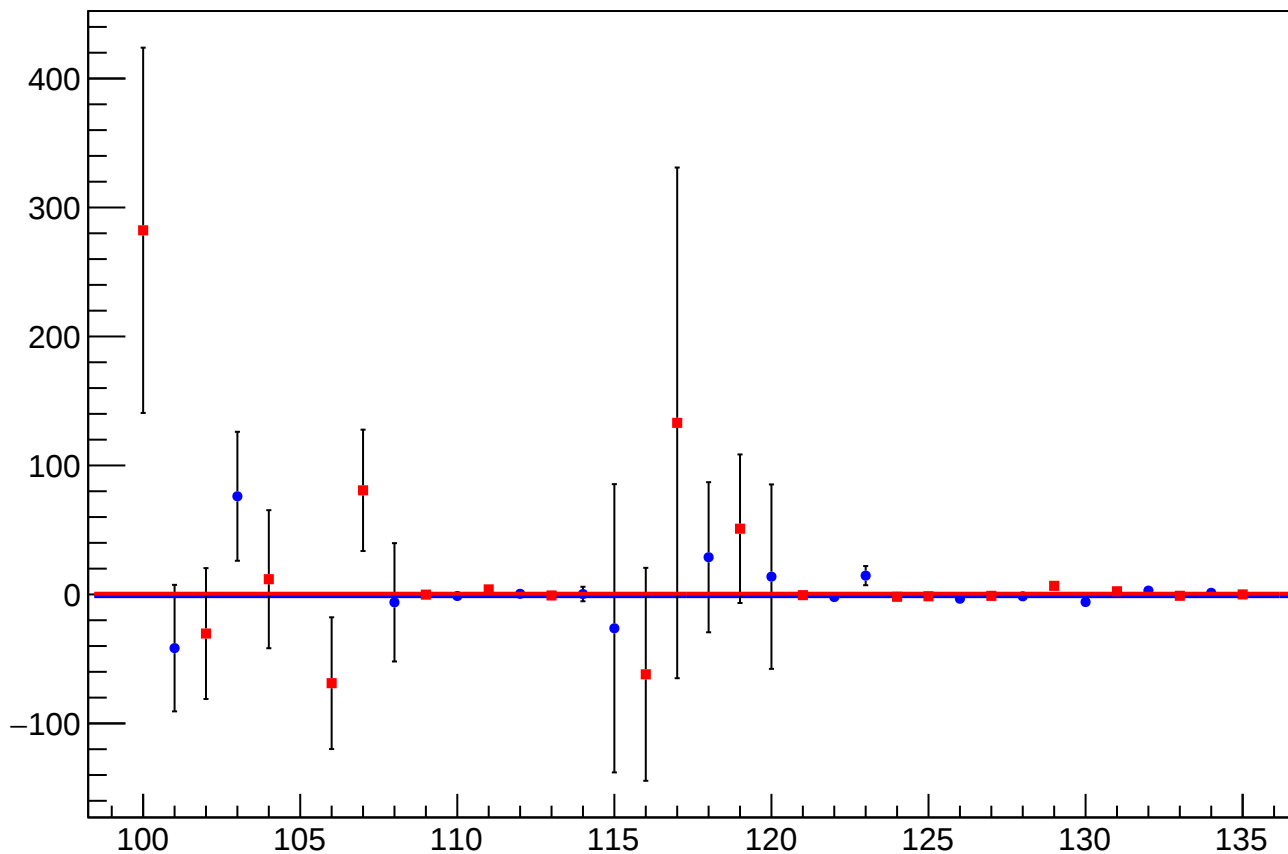
Right Out: 3515.011+/-0.952 χ^2/NDF : 293076.8/18

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

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

3515.011+/-0.952 χ^2/NDF : 293076.8/18

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

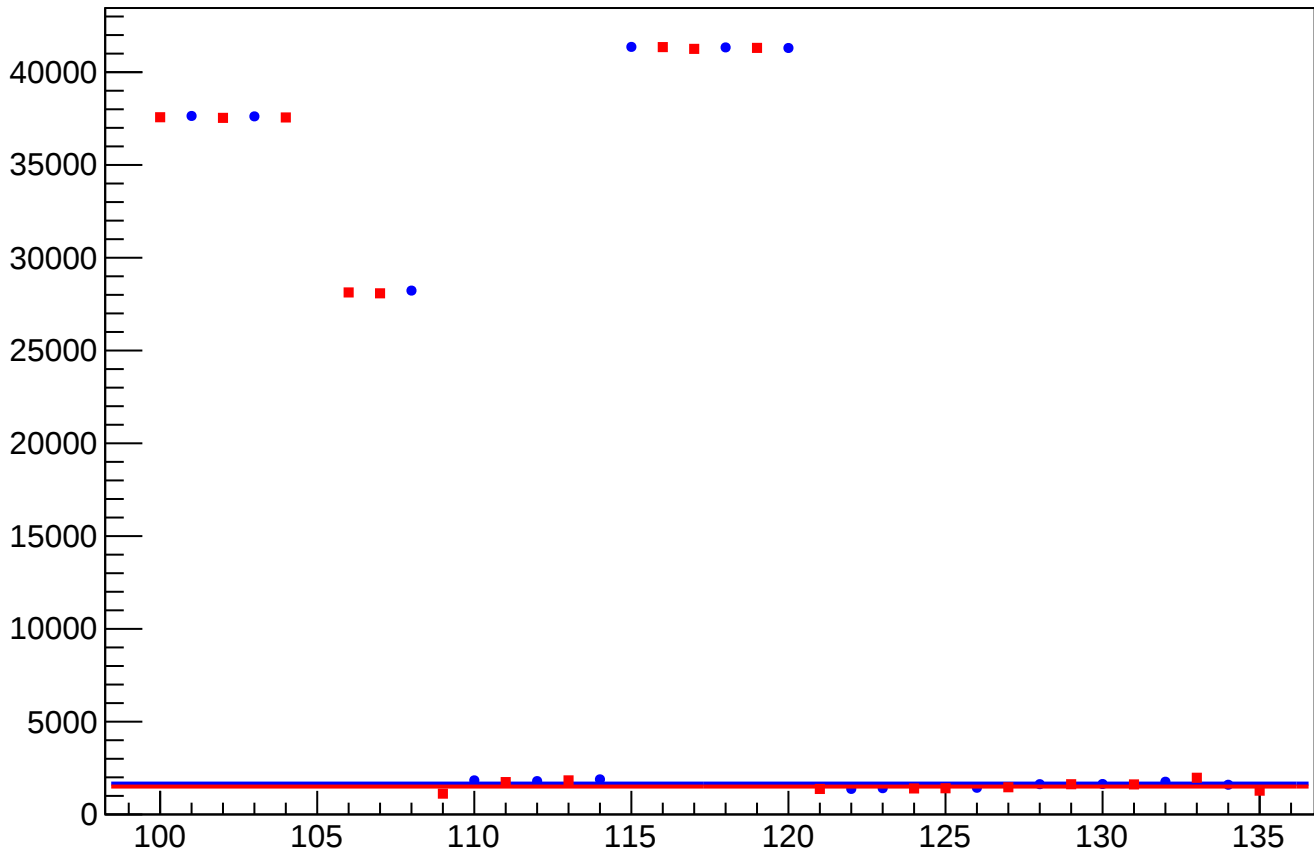
Right Out: 0.555+/-0.729 χ^2 /NDF: 21.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.337+/-0.882 χ^2 /NDF: 16.3/15

0.555+/-0.729 χ^2 /NDF: 21.3/18

diff_bpm1p02bX_rms vs Slug



Right In: 1663.746 $\pm$ 0.624 χ^2 /NDF: 4653338.6/15

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

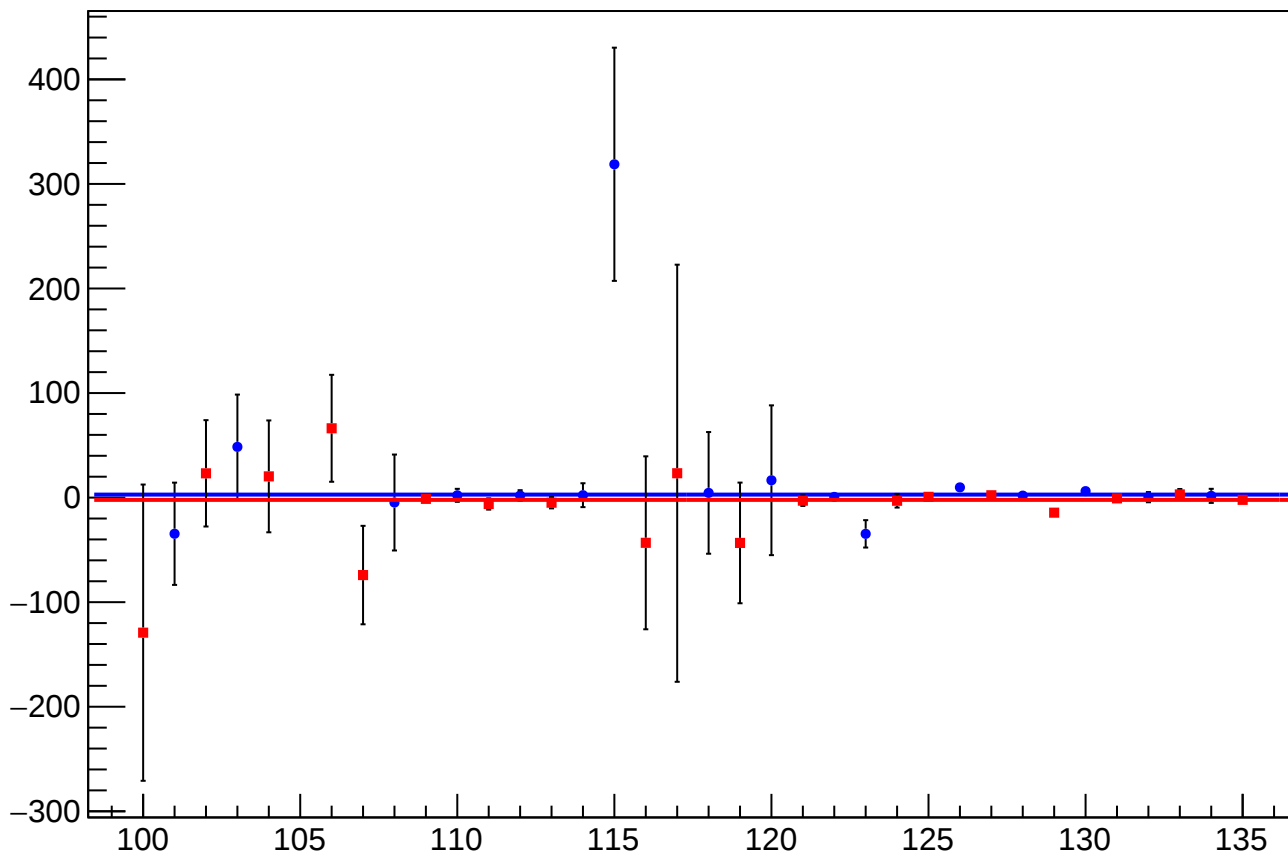
1663.746 $\pm$ 0.624 χ^2 /NDF: 4653338.6/15

Right Out: 1502.485 $\pm$ 0.516 χ^2 /NDF: 4969641.2/18

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

1502.485 $\pm$ 0.516 χ^2 /NDF: 4969641.2/18

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

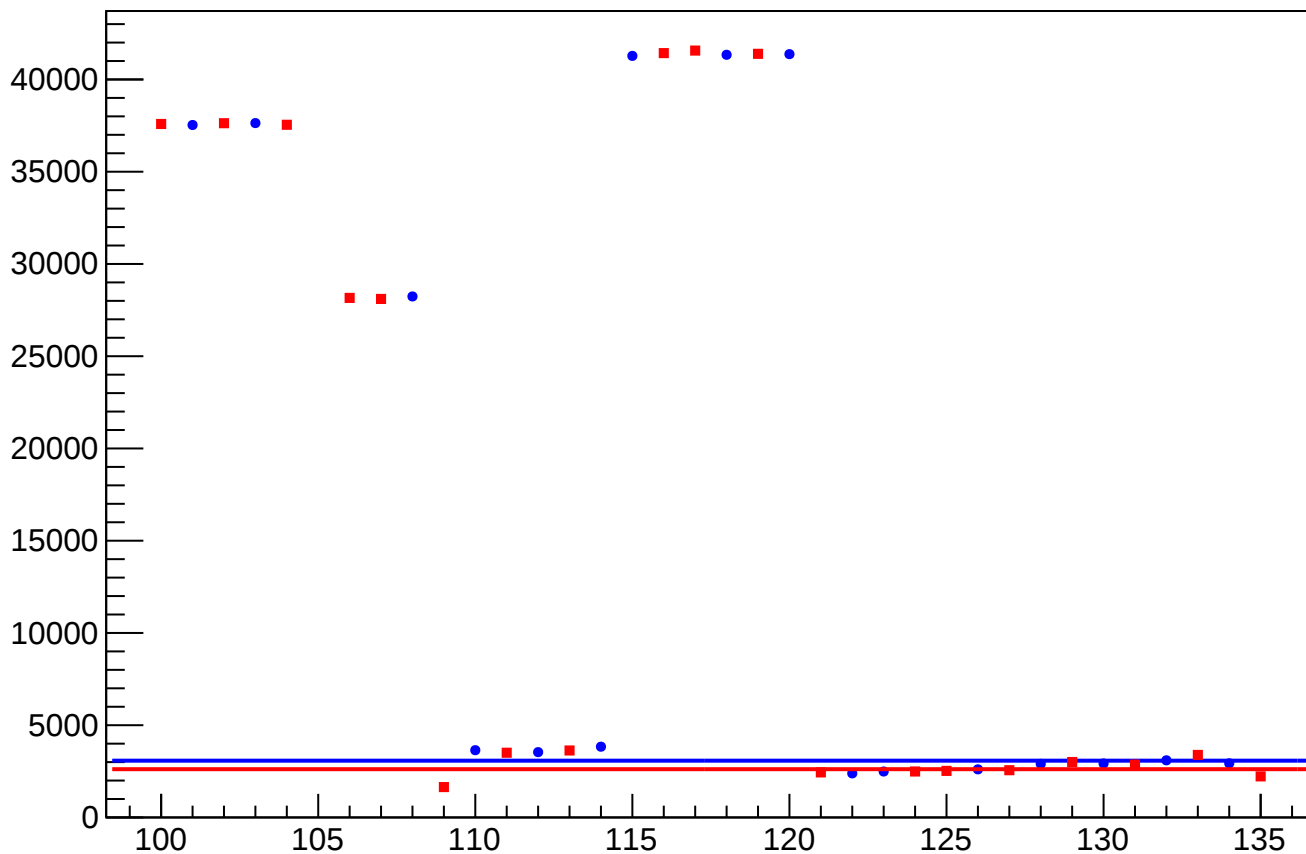
Right Out: -2.169+/-1.272 χ^2/NDF : 16.7/18

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

2.880+/-1.601 χ^2/NDF : 21.8/15

-2.169+/-1.272 χ^2/NDF : 16.7/18

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

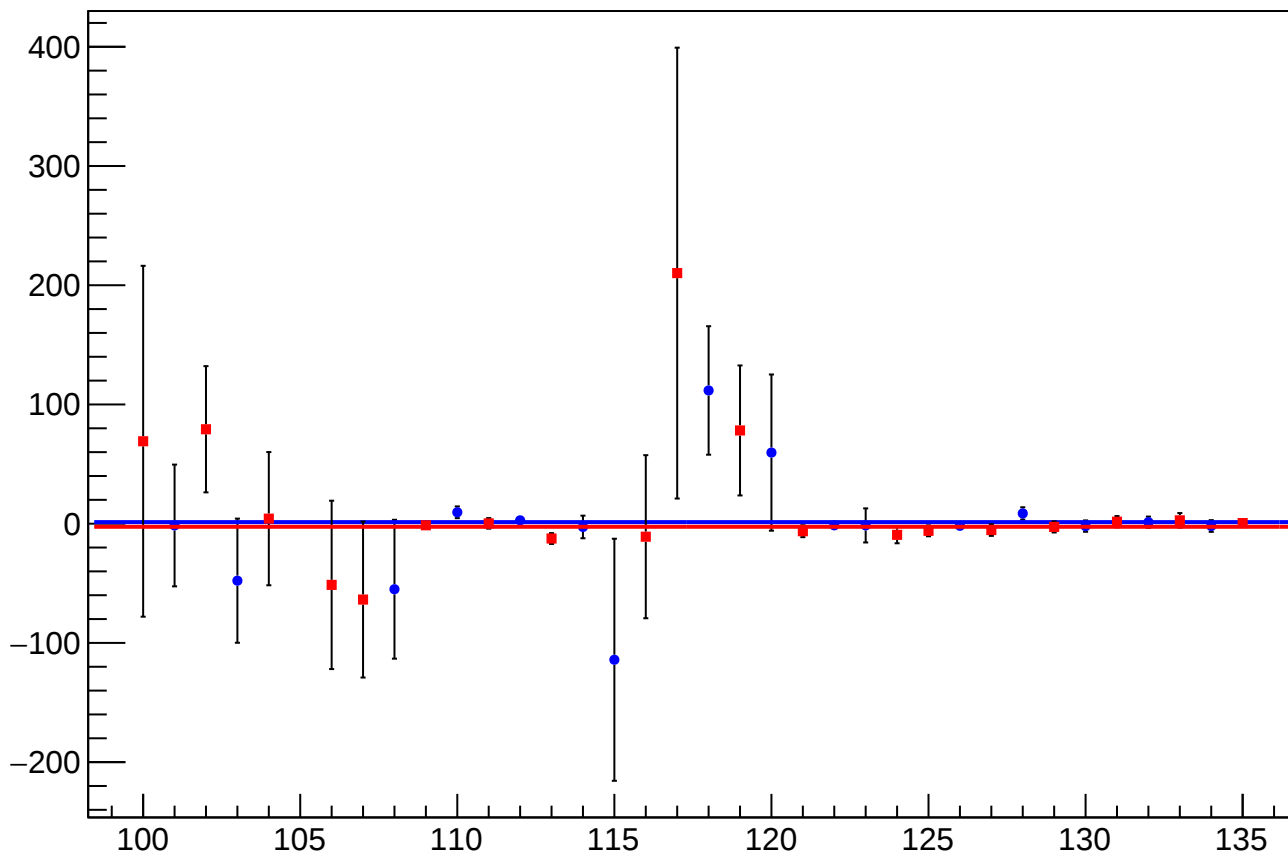
Right Out: 2616.065+/-0.900 χ^2/NDF : 4911527.3/18

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

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

2616.065+/-0.900 χ^2/NDF : 4911527.3/18

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

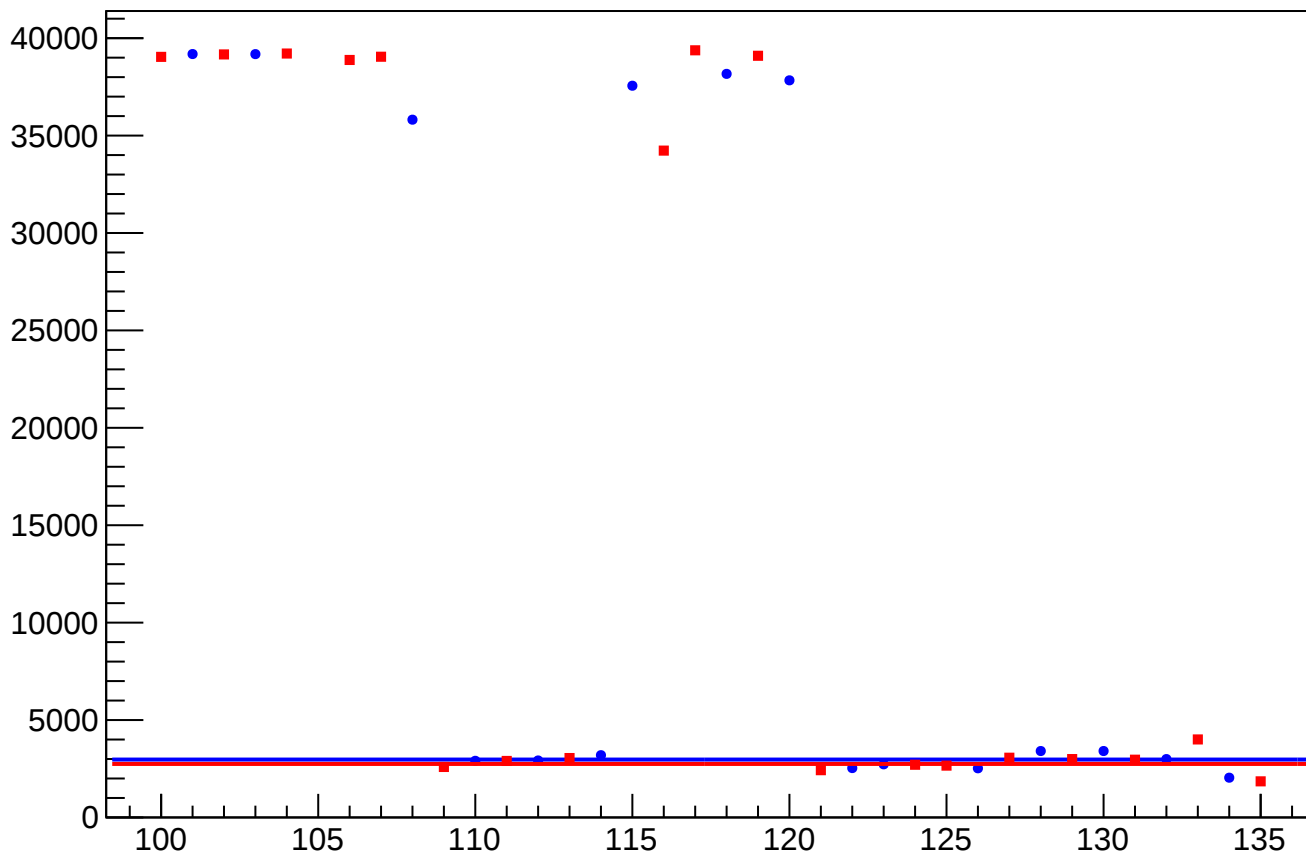
Right Out: -2.597+/-1.316 χ^2/NDF : 18.0/18

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

1.315+/-1.567 χ^2/NDF : 15.2/15

-2.597+/-1.316 χ^2/NDF : 18.0/18

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

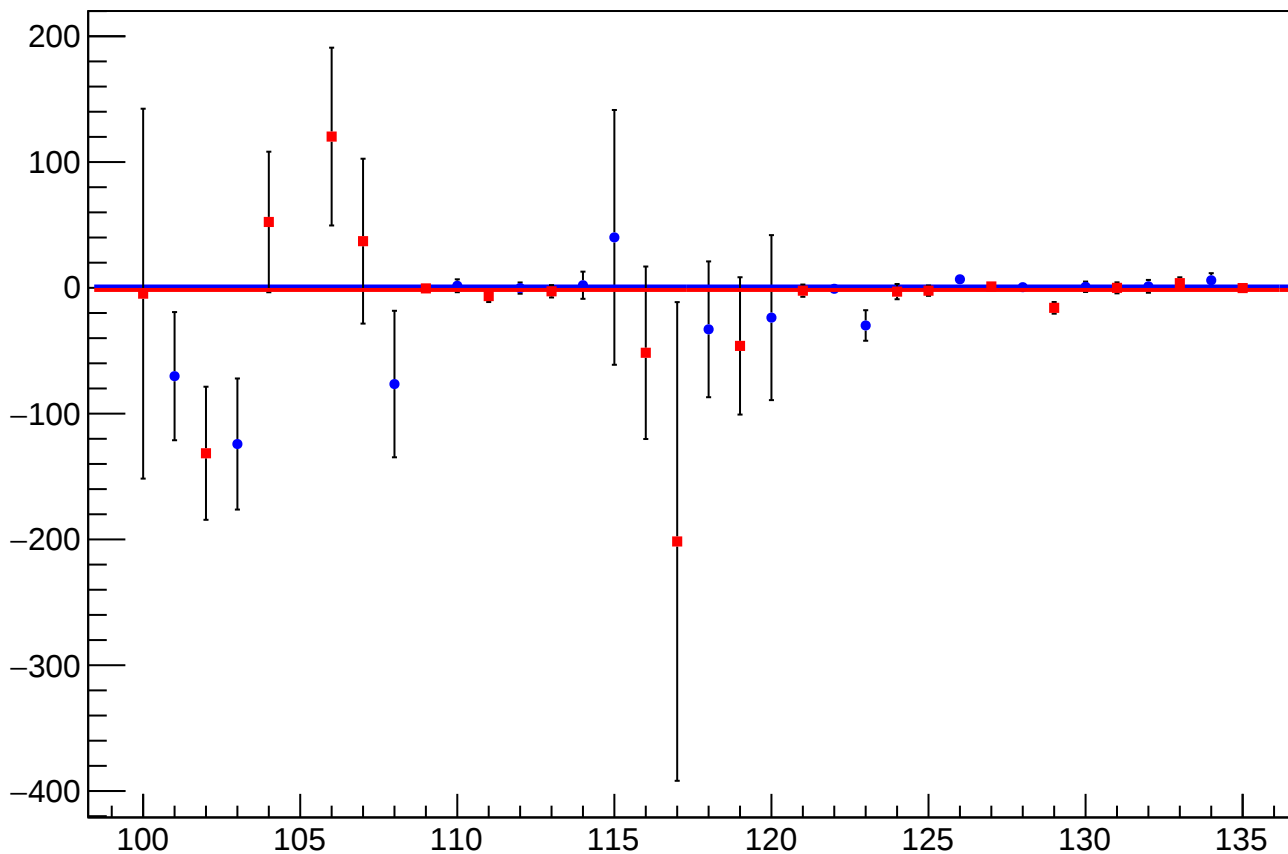
Right Out: 2746.542+/-0.931 χ^2/NDF : 4798097.7/18

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

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

2746.542+/-0.931 χ^2/NDF : 4798097.7/18

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

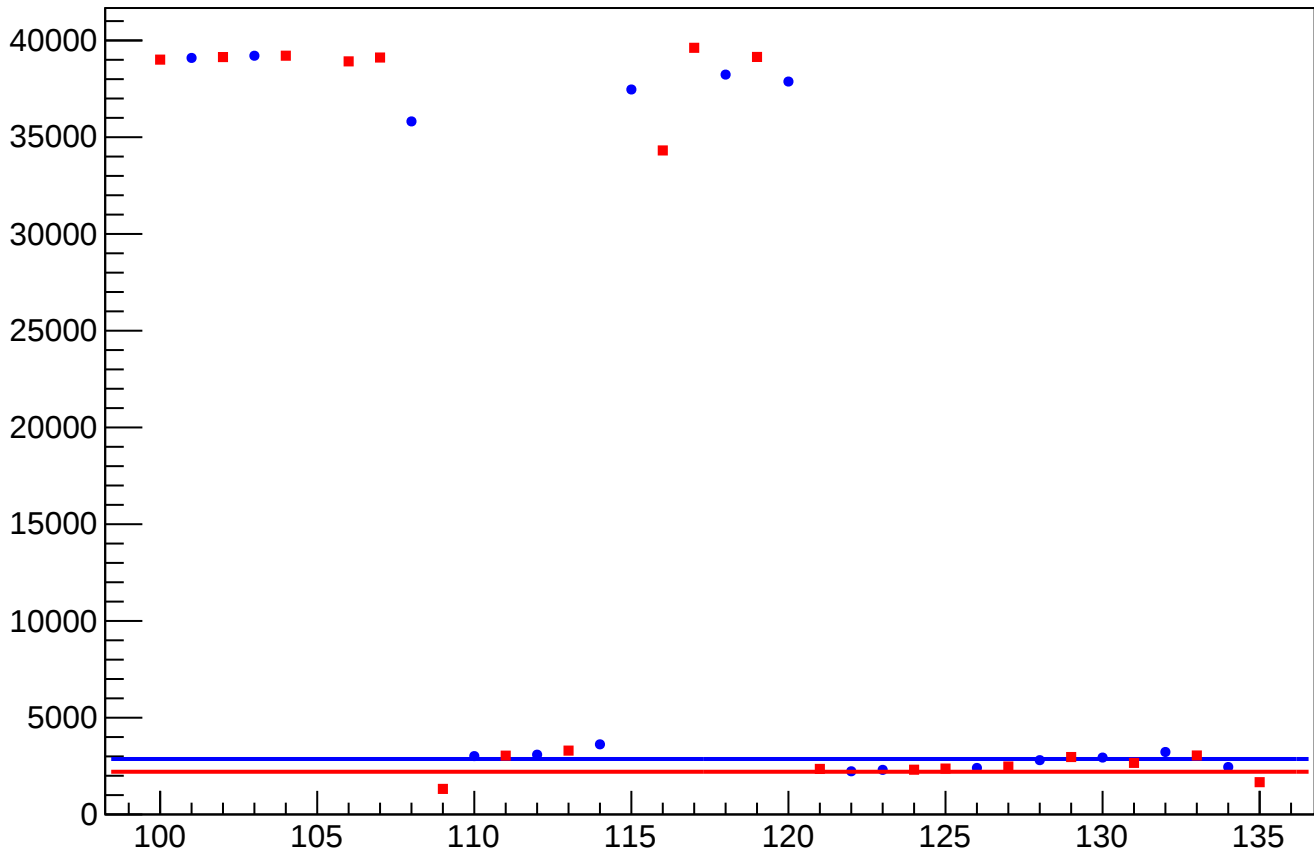
Right Out: -1.666 $\pm$ 1.107 χ^2 /NDF: 25.9/18

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

1.062 $\pm$ 1.500 χ^2 /NDF: 20.1/15

-1.666 $\pm$ 1.107 χ^2 /NDF: 25.9/18

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

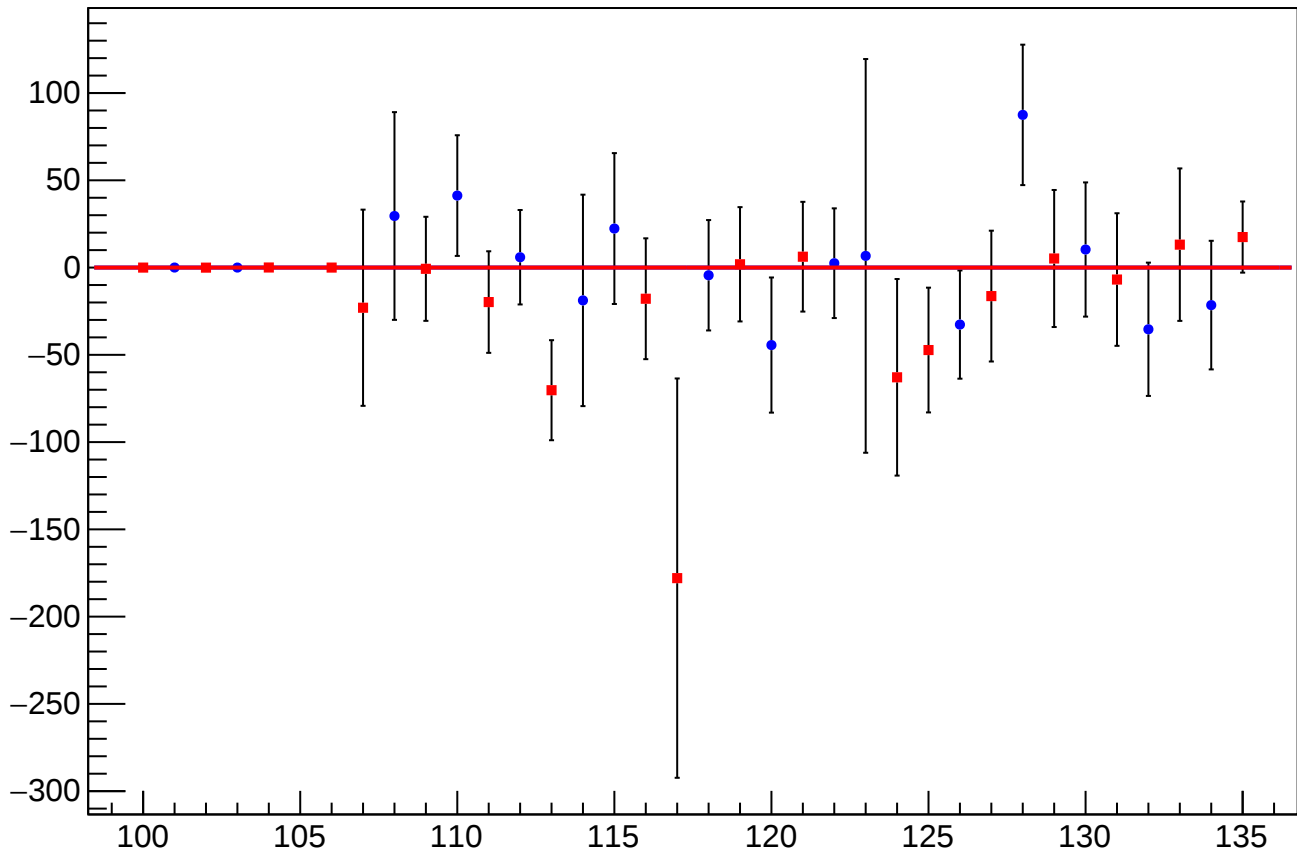
2866.251+/-1.061 χ^2/NDF : 4422887.6/15

Right Out: 2206.997+/-0.783 χ^2/NDF : 5335367.7/18

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

2206.997+/-0.783 χ^2/NDF : 5335367.7/18

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

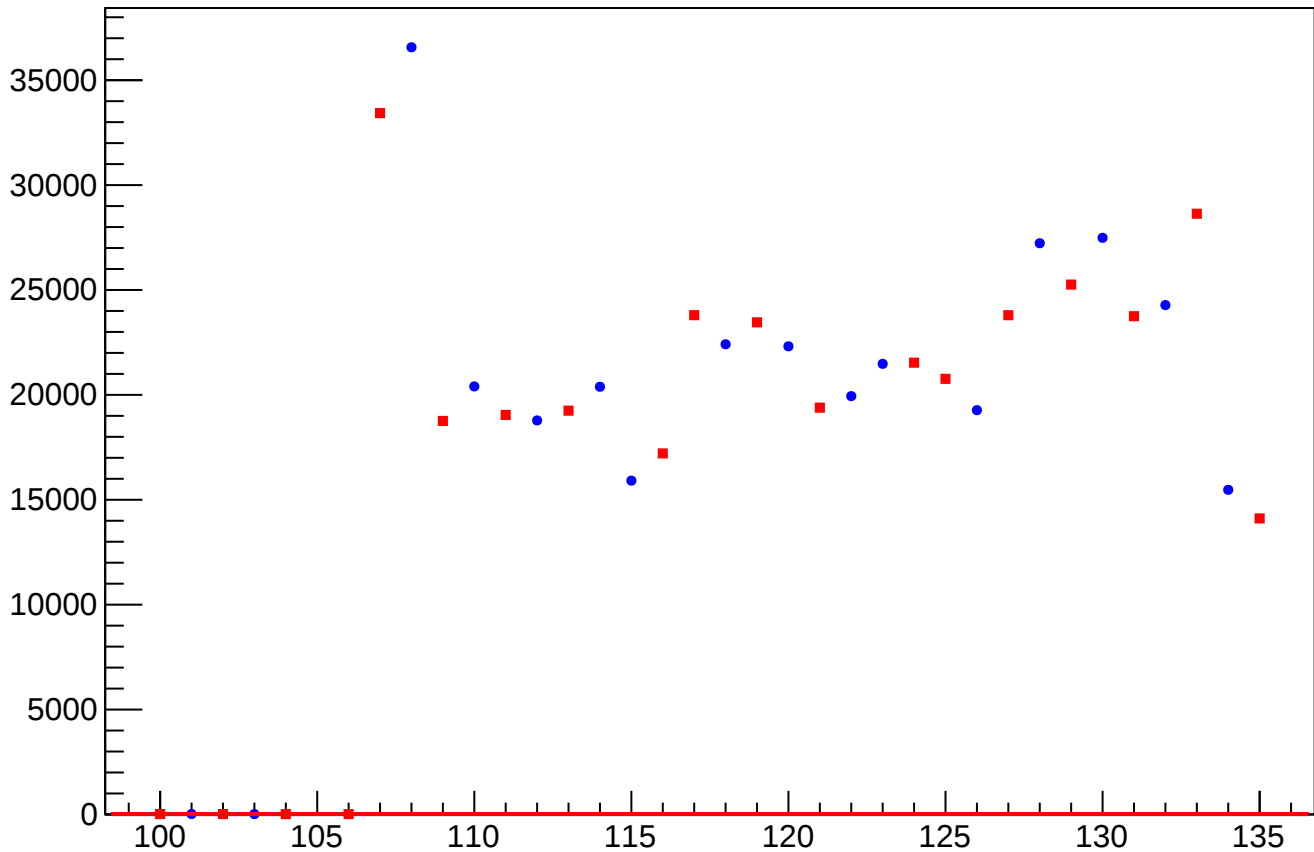
Right Out: 0.003 $\pm$ 0.016 χ^2 /NDF: 18.3/18

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: 18.3/18

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

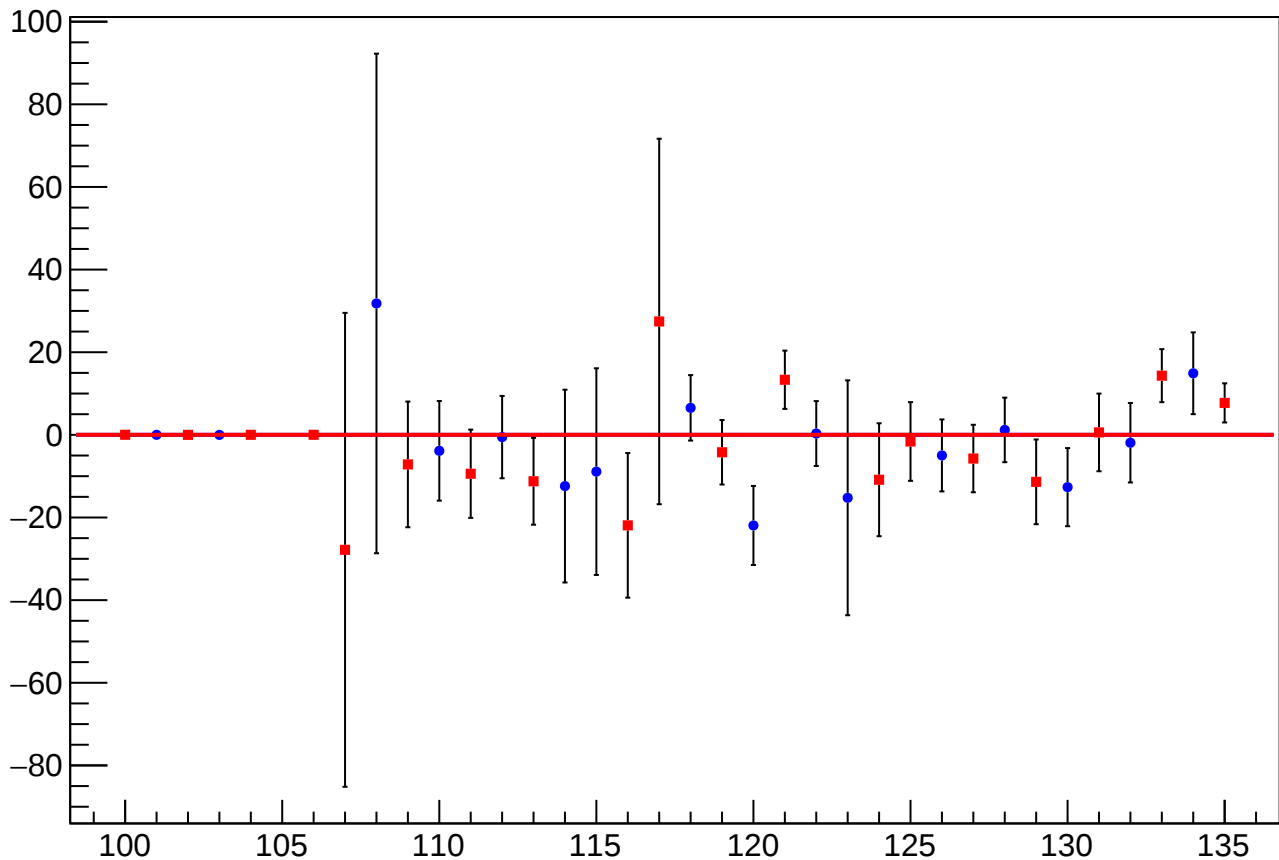
18.623+/-0.012 χ^2 /NDF: 9327057.8/15

Right Out: 18.308+/-0.011 χ^2 /NDF: 10820702.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.308+/-0.011 χ^2 /NDF: 10820702.6/18

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

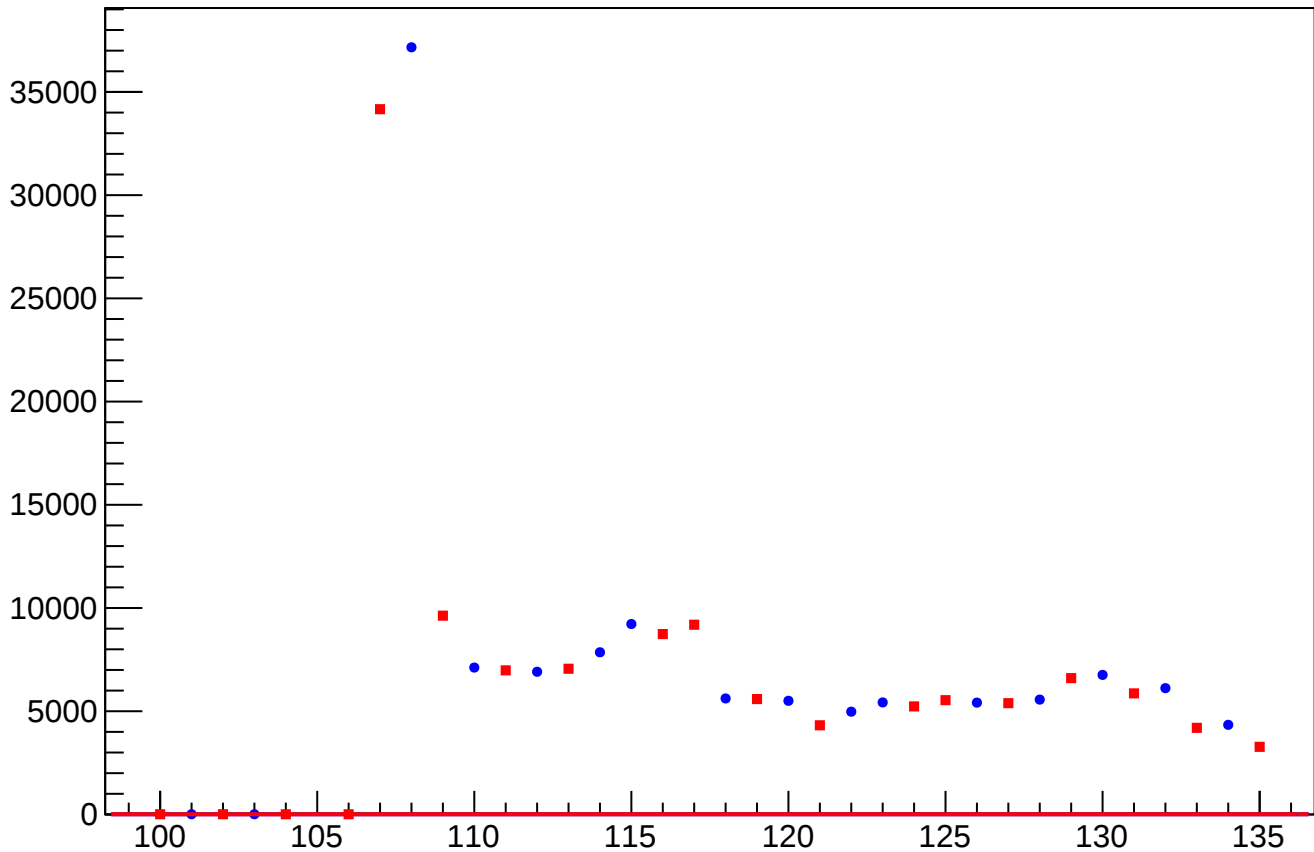
Right Out: 0.014+/-0.009 χ^2/NDF : 18.9/18

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 : 18.9/18

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

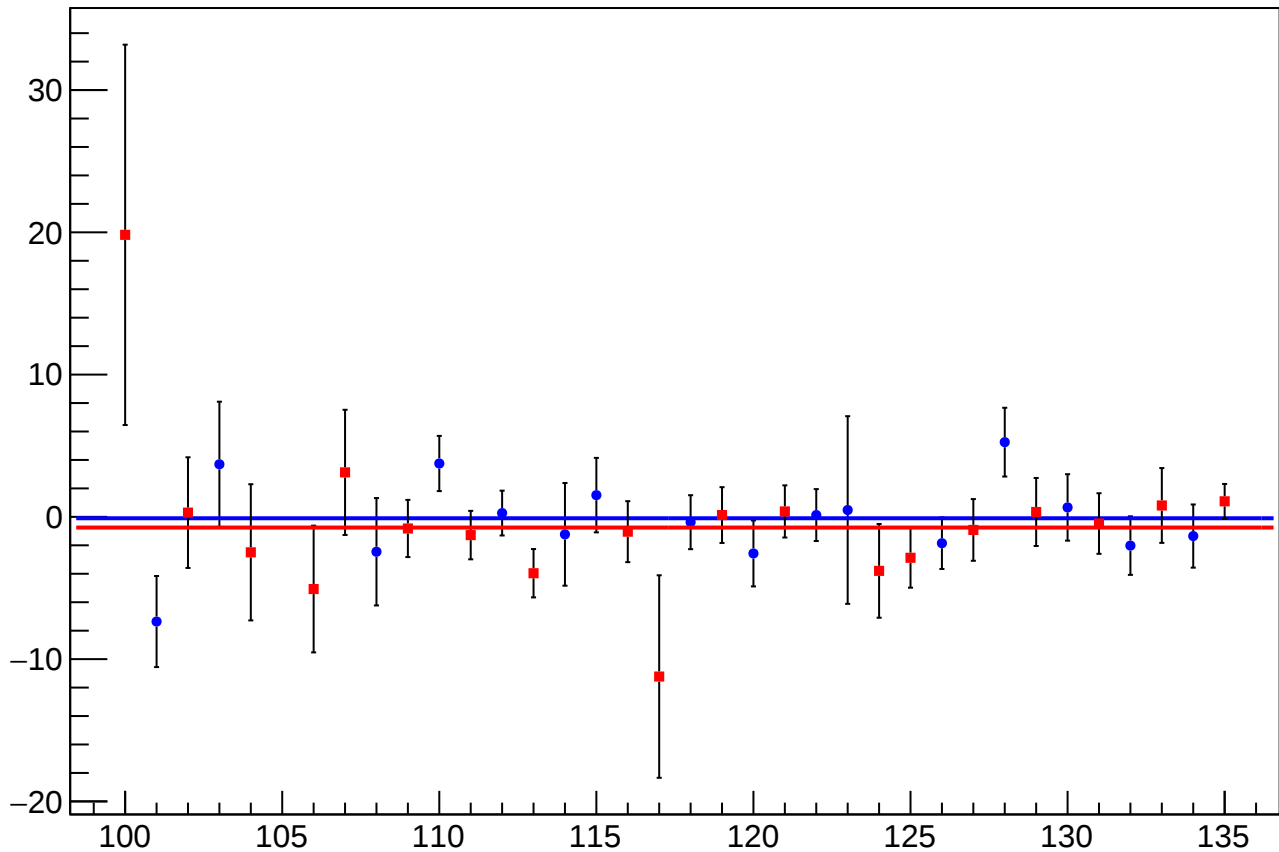
Right Out: 9.851+/-0.006 χ^2/NDF : 10870712.9/18

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

9.918+/-0.007 χ^2/NDF : 9449887.4/15

9.851+/-0.006 χ^2/NDF : 10870712.9/18

diff_cav4cX_mean vs Slug



Right In: -0.098 $\pm$ 0.578 χ^2/NDF : 19.1/15

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

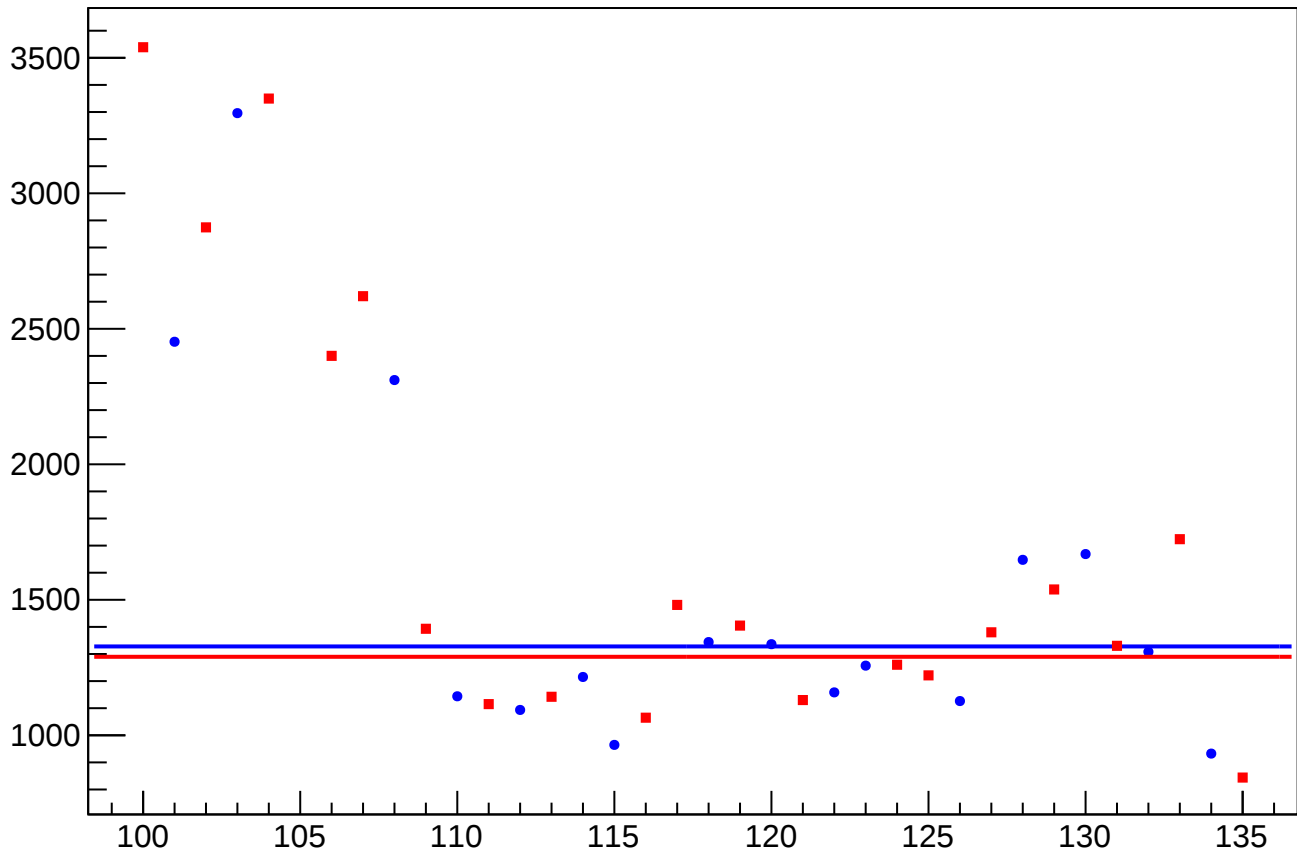
Right Out: -0.752 $\pm$ 0.520 χ^2/NDF : 15.5/18

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

-0.098 $\pm$ 0.578 χ^2/NDF : 19.1/15

-0.752 $\pm$ 0.520 χ^2/NDF : 15.5/18

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

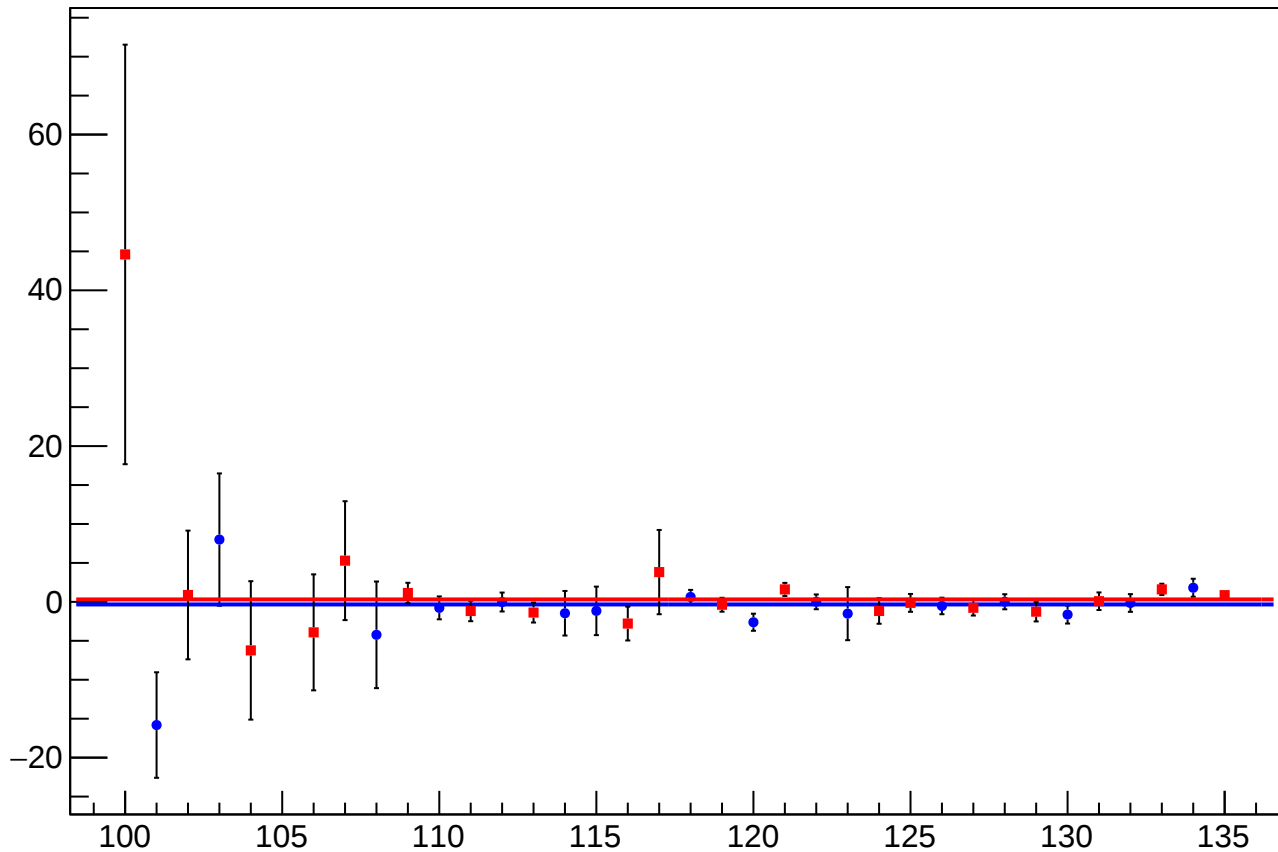
1327.903 $\pm$ 0.409 χ^2 /NDF: 1069051.1/15

Right Out: 1289.680 $\pm$ 0.368 χ^2 /NDF: 1502992.4/18

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

1289.680 $\pm$ 0.368 χ^2 /NDF: 1502992.4/18

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

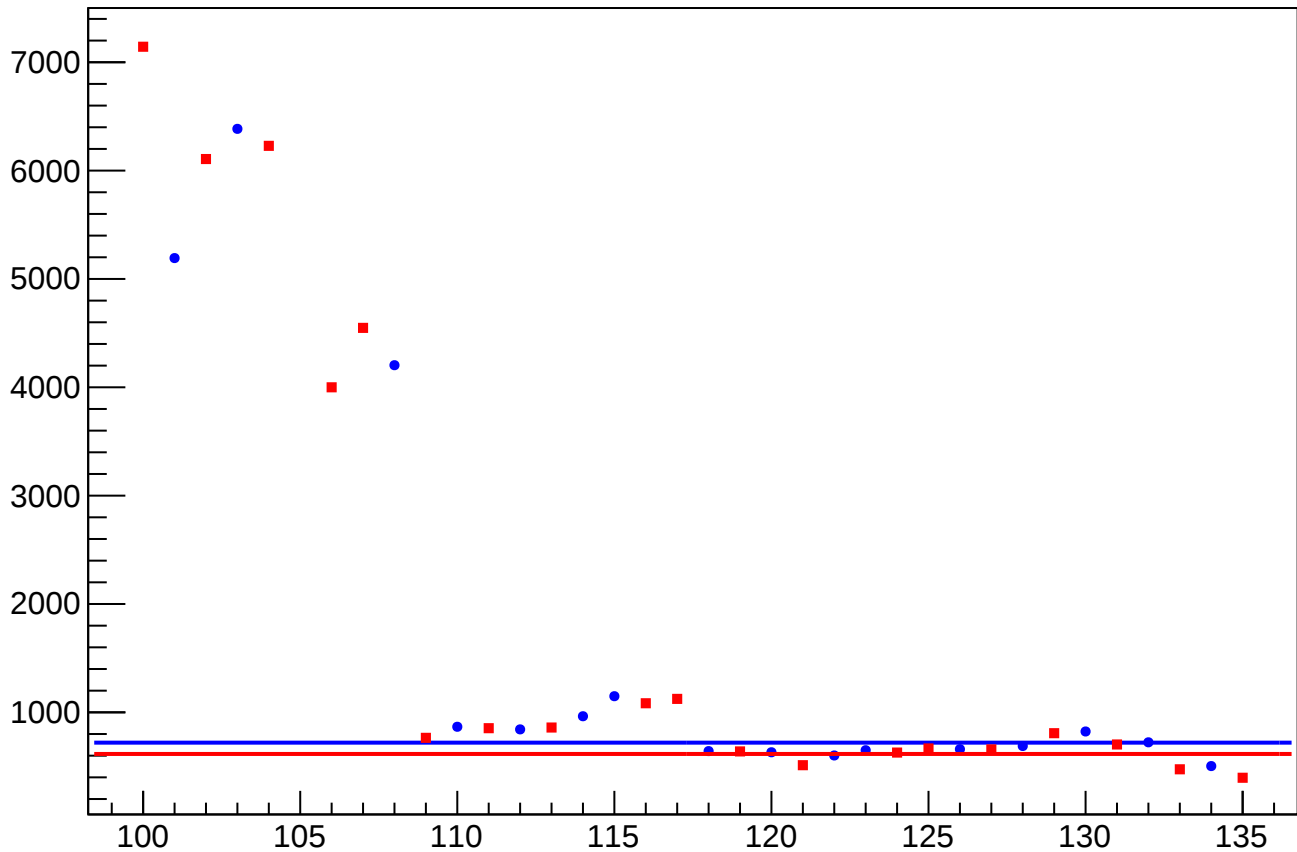
Right Out: 0.313 ± 0.274 χ^2/NDF : 20.7/18

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

-0.332 ± 0.335 χ^2/NDF : 17.5/15

0.313 ± 0.274 χ^2/NDF : 20.7/18

diff_cav4cY_rms vs Slug



Right In: 720.277+/-0.237 χ^2/NDF : 2526873.5/15

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

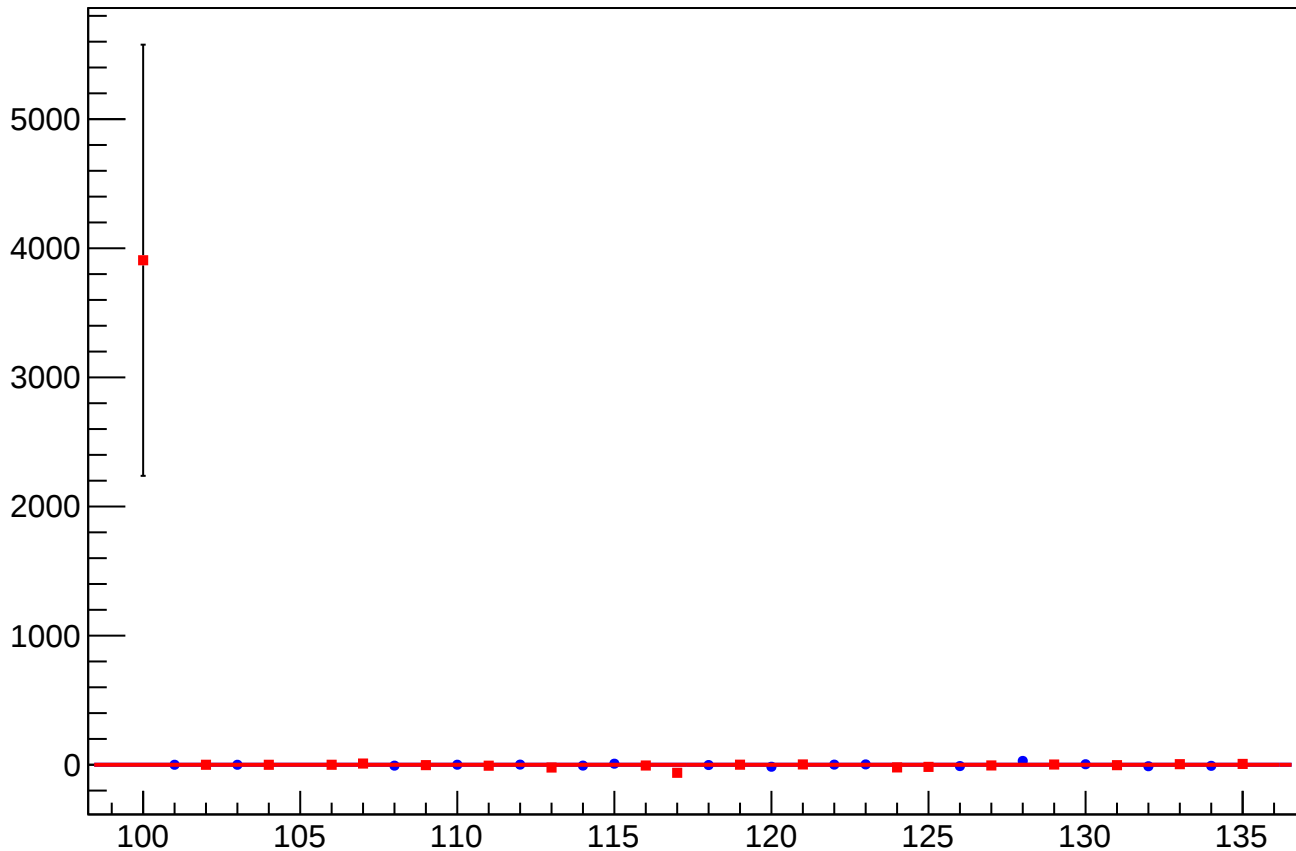
720.277+/-0.237 χ^2/NDF : 2526873.5/15

Right Out: 615.880+/-0.194 χ^2/NDF : 3486965.3/18

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

615.880+/-0.194 χ^2/NDF : 3486965.3/18

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

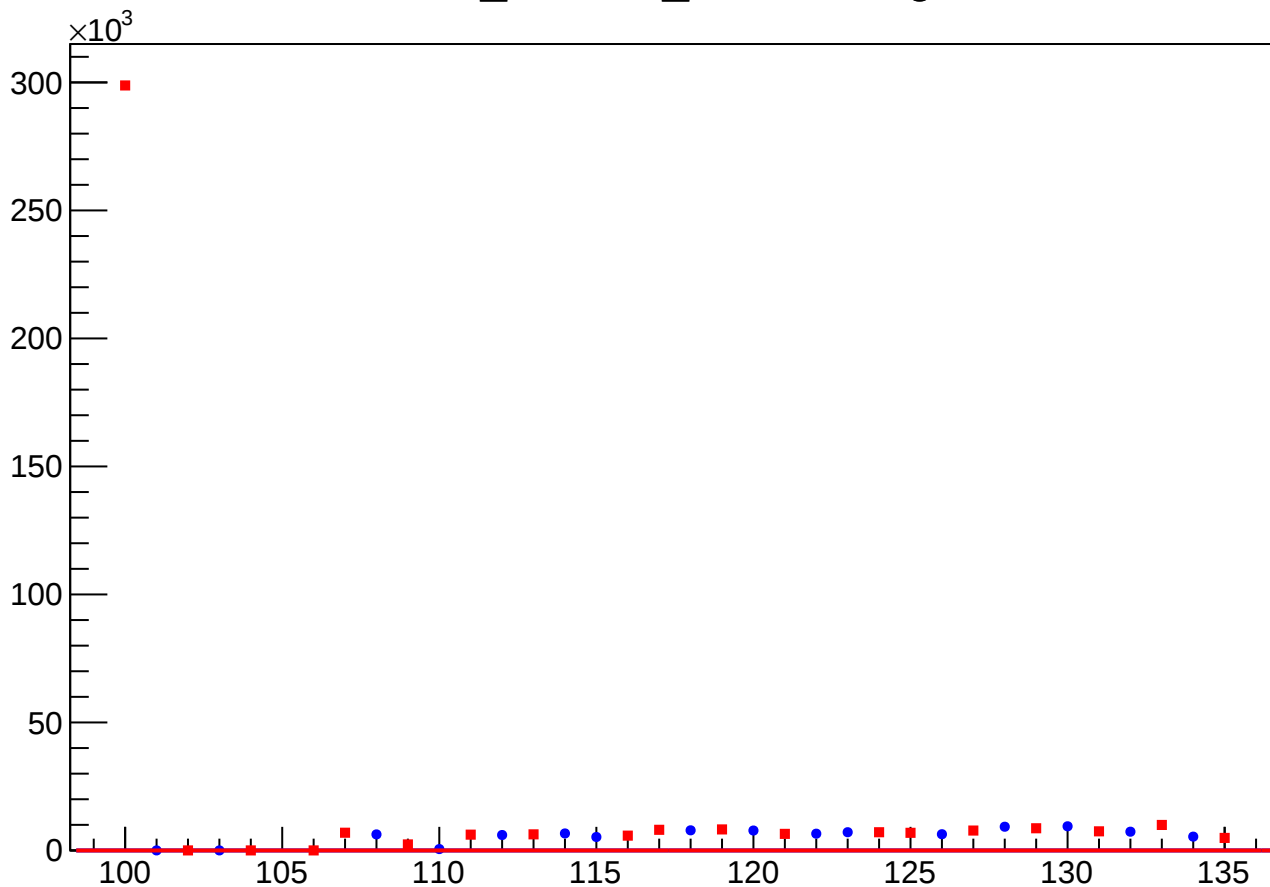
Right Out: -0.027+/-0.020 χ^2 /NDF: 20.4/18

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: 20.4/18

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

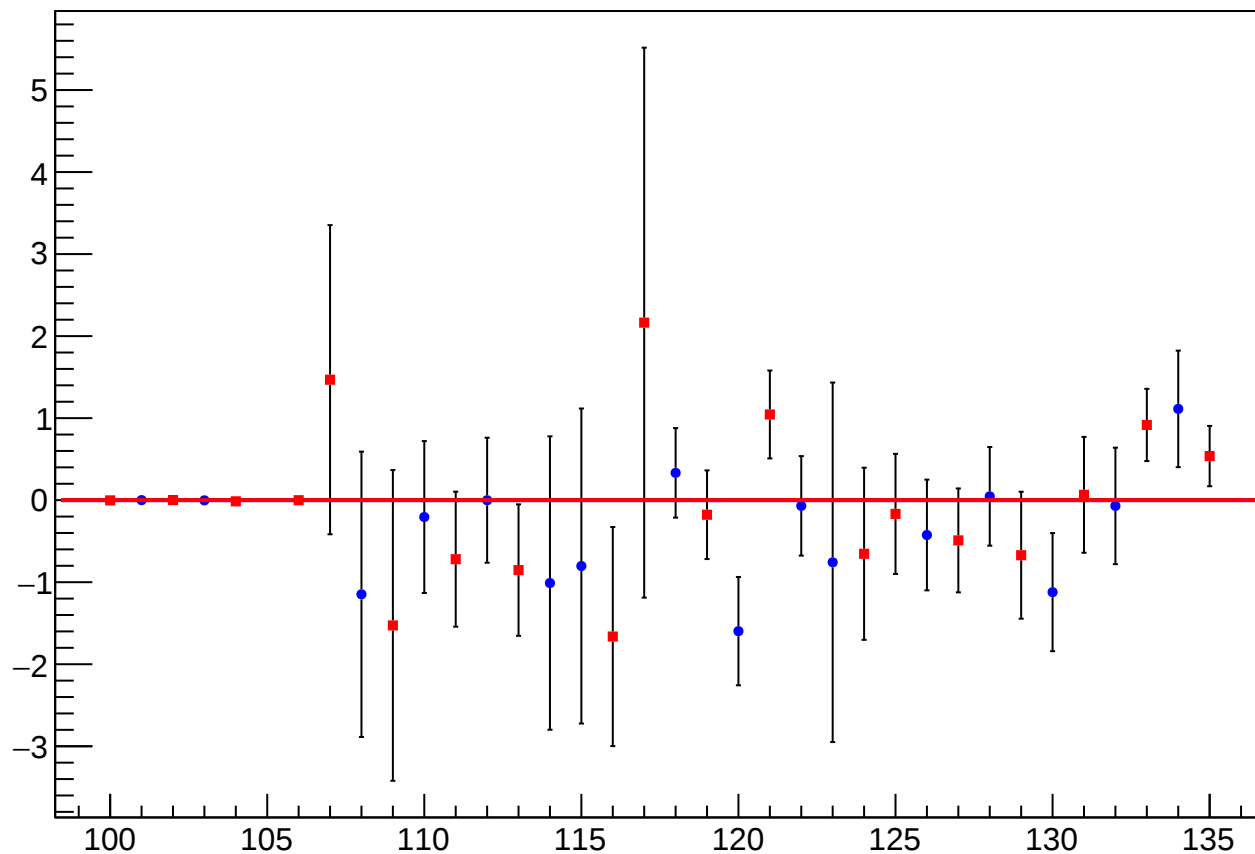
Right Out: 17.255 $\pm$ 0.014 χ^2/NDF : 10532250.7/18

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

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

17.255 $\pm$ 0.014 χ^2/NDF : 10532250.7/18

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 12.8/15

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

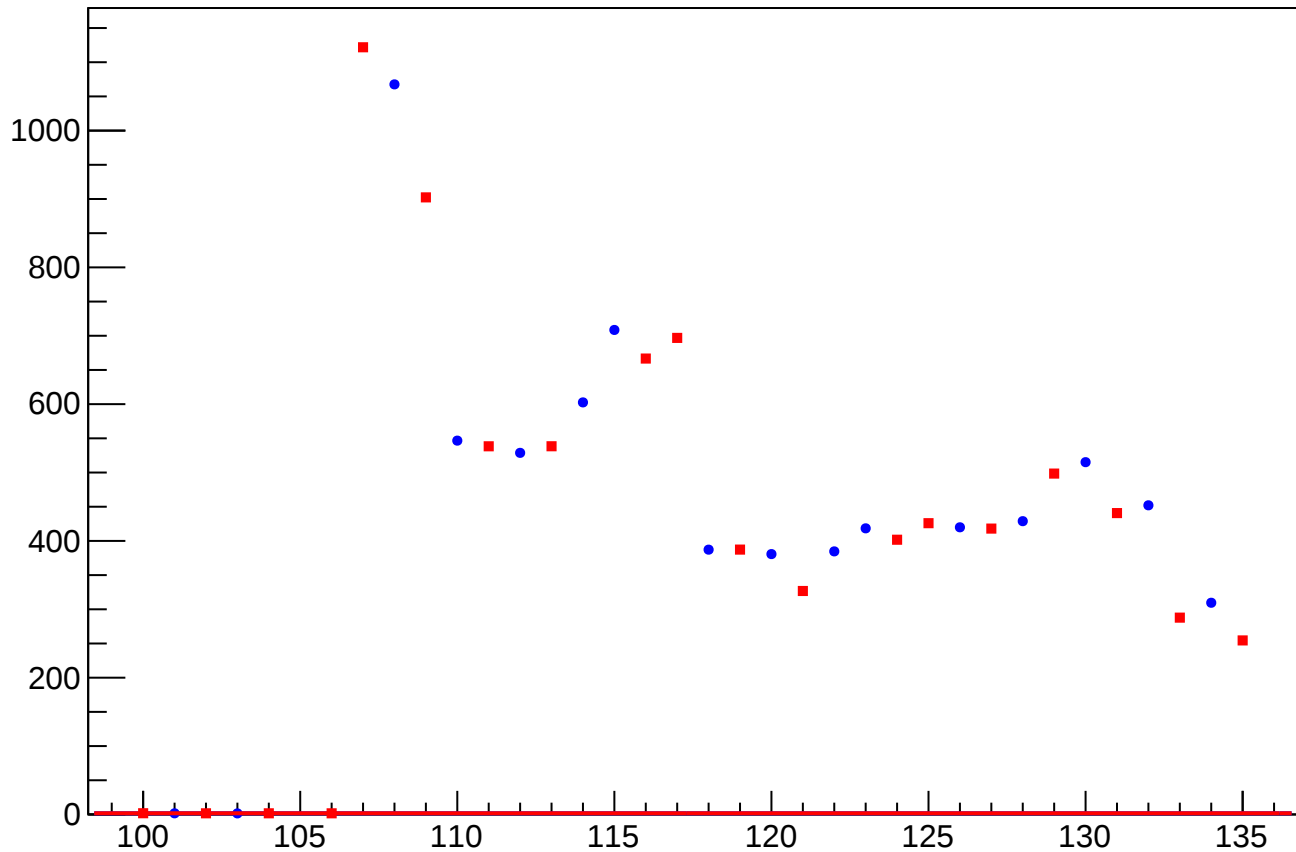
Right Out: 0.001+/-0.002 χ^2/NDF : 18.3/18

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

0.000+/-0.002 χ^2/NDF : 12.8/15

0.001+/-0.002 χ^2/NDF : 18.3/18

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

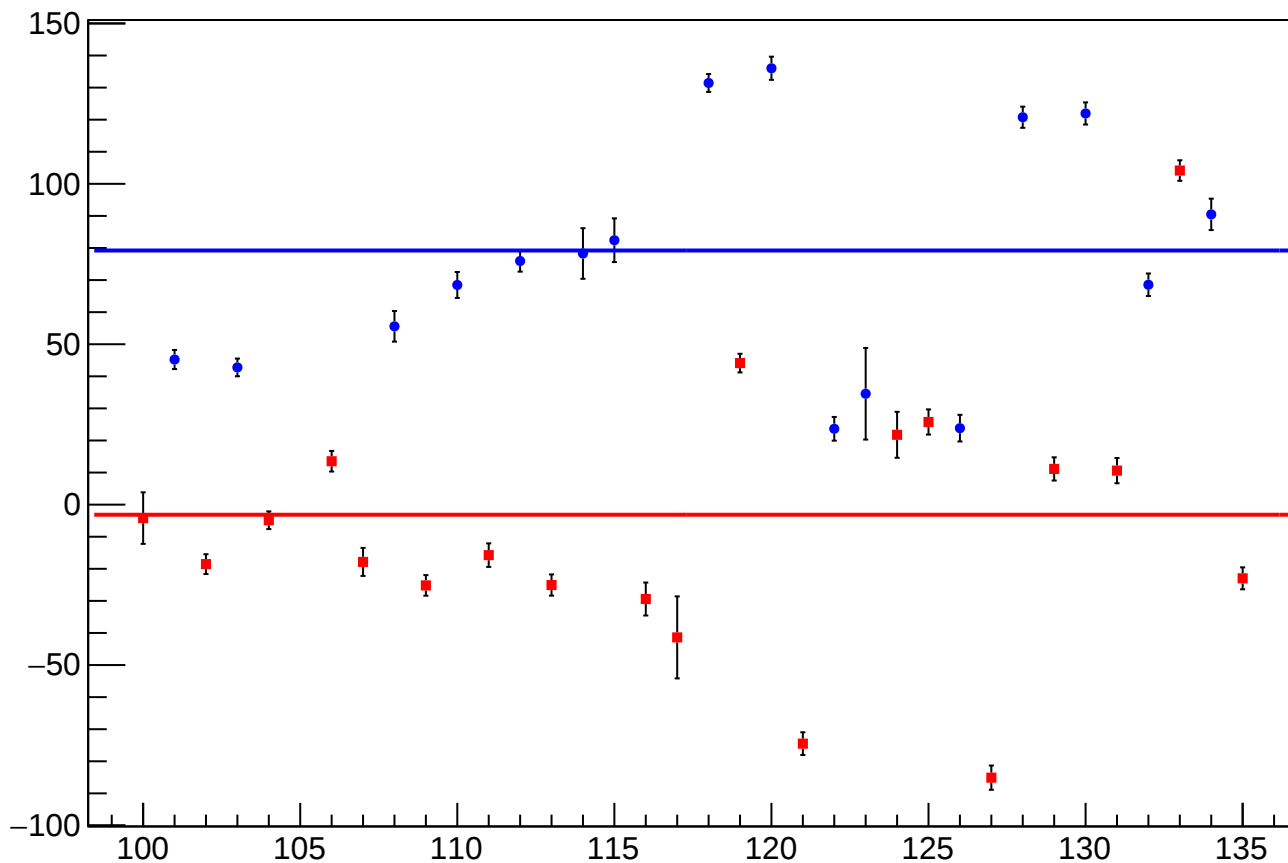
Right Out: 1.726+/-0.001 χ^2/NDF : 10457358.2/18

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

1.686+/-0.001 χ^2/NDF : 9402040.5/15

1.726+/-0.001 χ^2/NDF : 10457358.2/18

diff_bpm0i01X_mean vs Slug



Right In: 79.222+/-0.946 χ^2/NDF : 1674.4/15

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

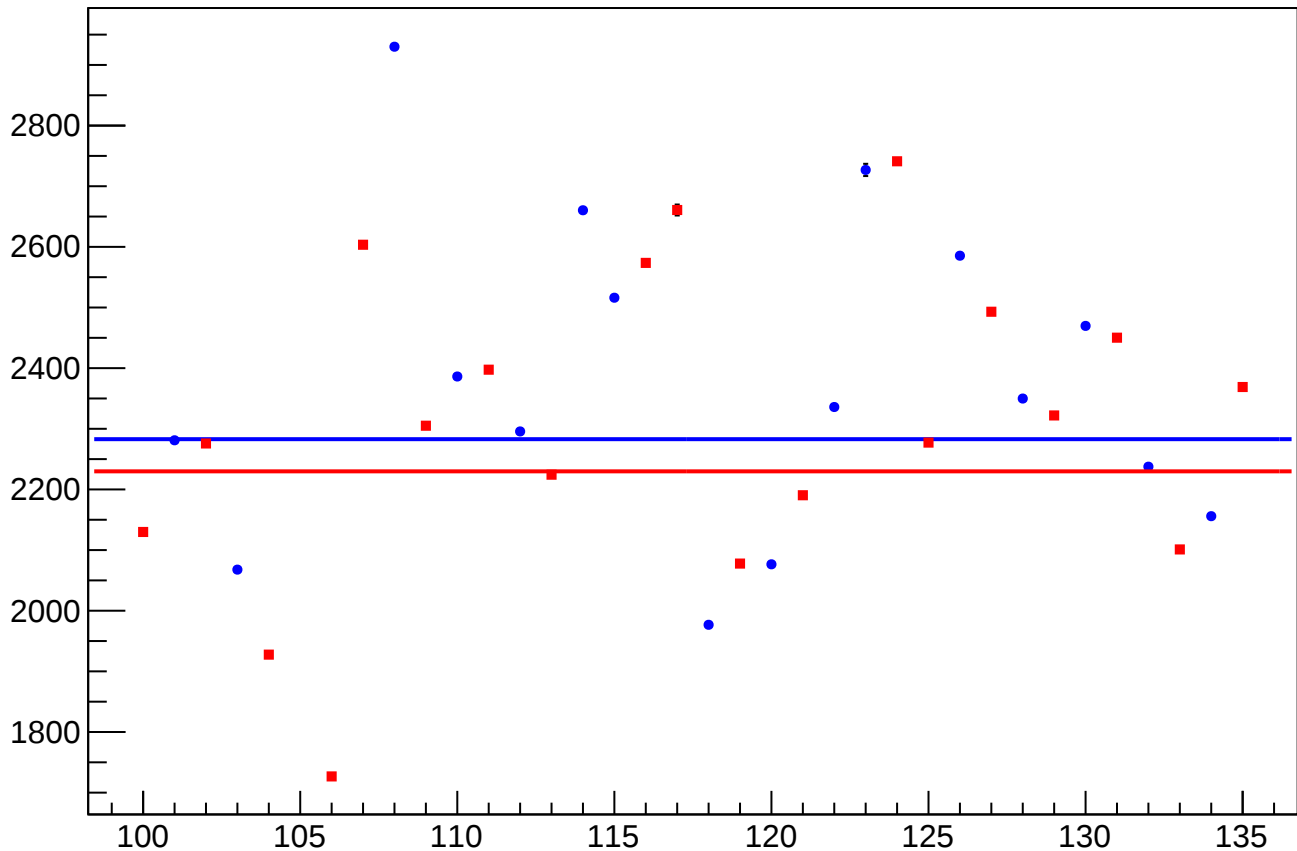
Right Out: -3.149+/-0.850 χ^2/NDF : 2590.2/18

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

79.222+/-0.946 χ^2/NDF : 1674.4/15

-3.149+/-0.850 χ^2/NDF : 2590.2/18

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

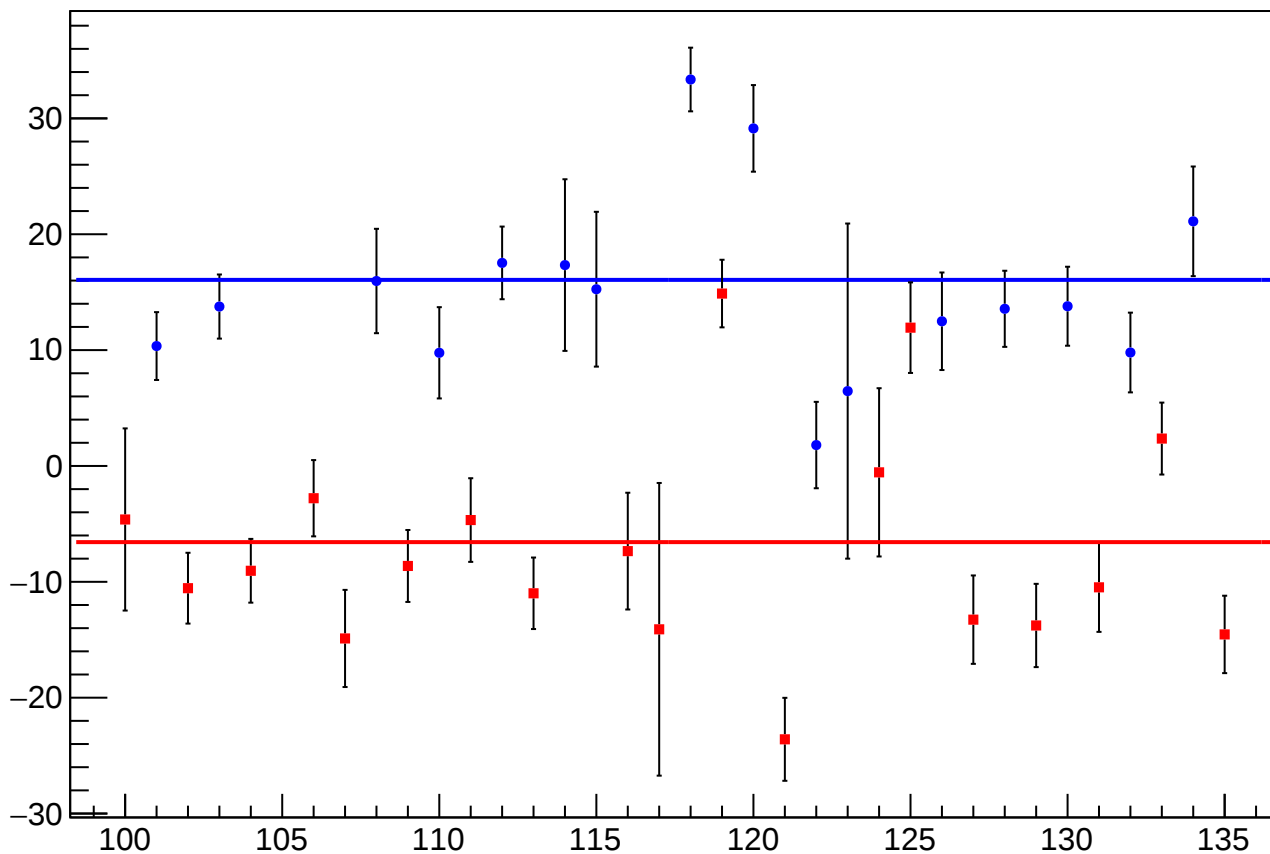
Right Out: 2229.827 $\pm$ 0.601 χ^2 /NDF: 145096.0/18

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

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

2229.827 $\pm$ 0.601 χ^2 /NDF: 145096.0/18

diff_bpm0i01Y_mean vs Slug



Right In: 16.061 $\pm$ 0.933 χ^2 /NDF: 80.4/15

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

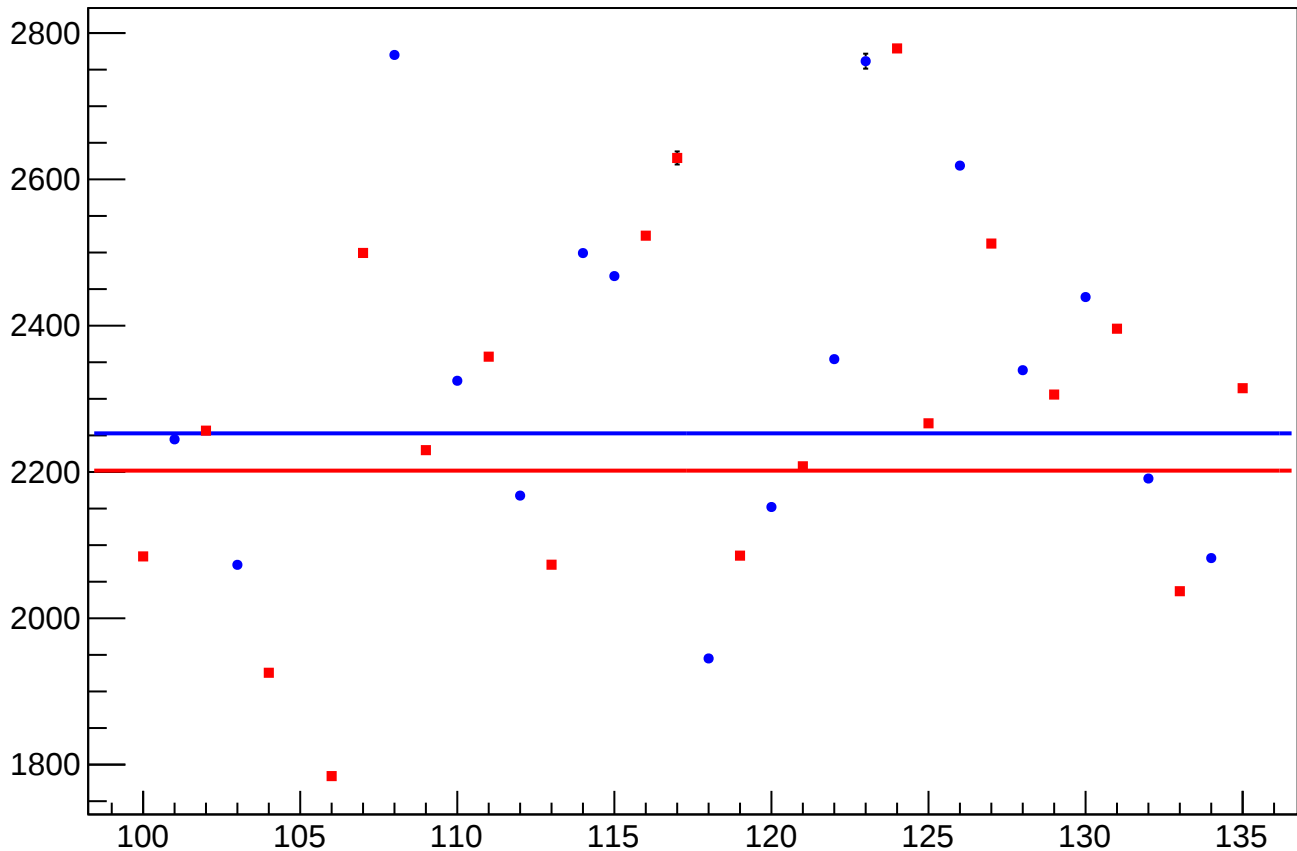
Right Out: -6.573 $\pm$ 0.838 χ^2 /NDF: 132.9/18

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

16.061 $\pm$ 0.933 χ^2 /NDF: 80.4/15

-6.573 $\pm$ 0.838 χ^2 /NDF: 132.9/18

diff_bpm0i01Y_rms vs Slug



Right In: 2252.805+/-0.660 χ^2/NDF : 97453.8/15

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

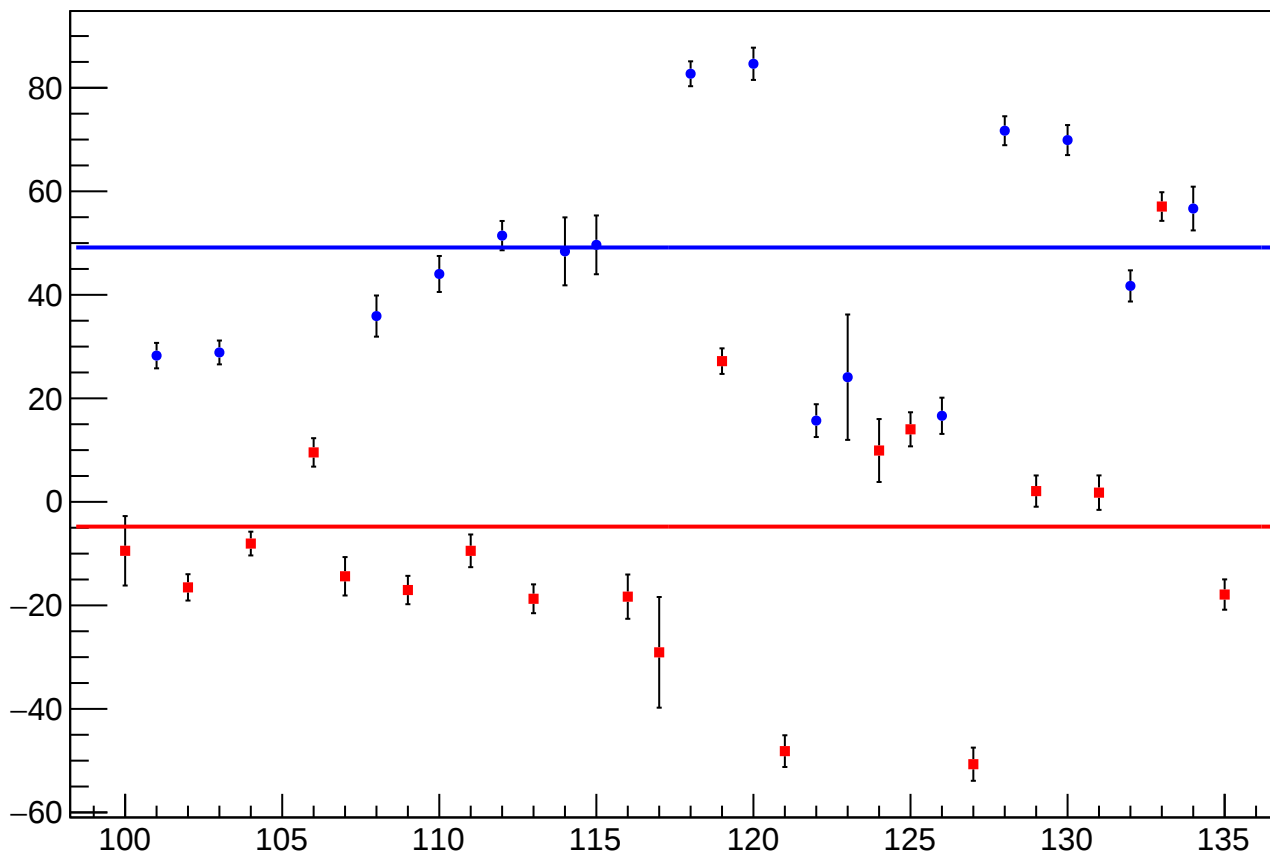
2252.805+/-0.660 χ^2/NDF : 97453.8/15

Right Out: 2201.856+/-0.593 χ^2/NDF : 125578.4/18

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

2201.856+/-0.593 χ^2/NDF : 125578.4/18

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

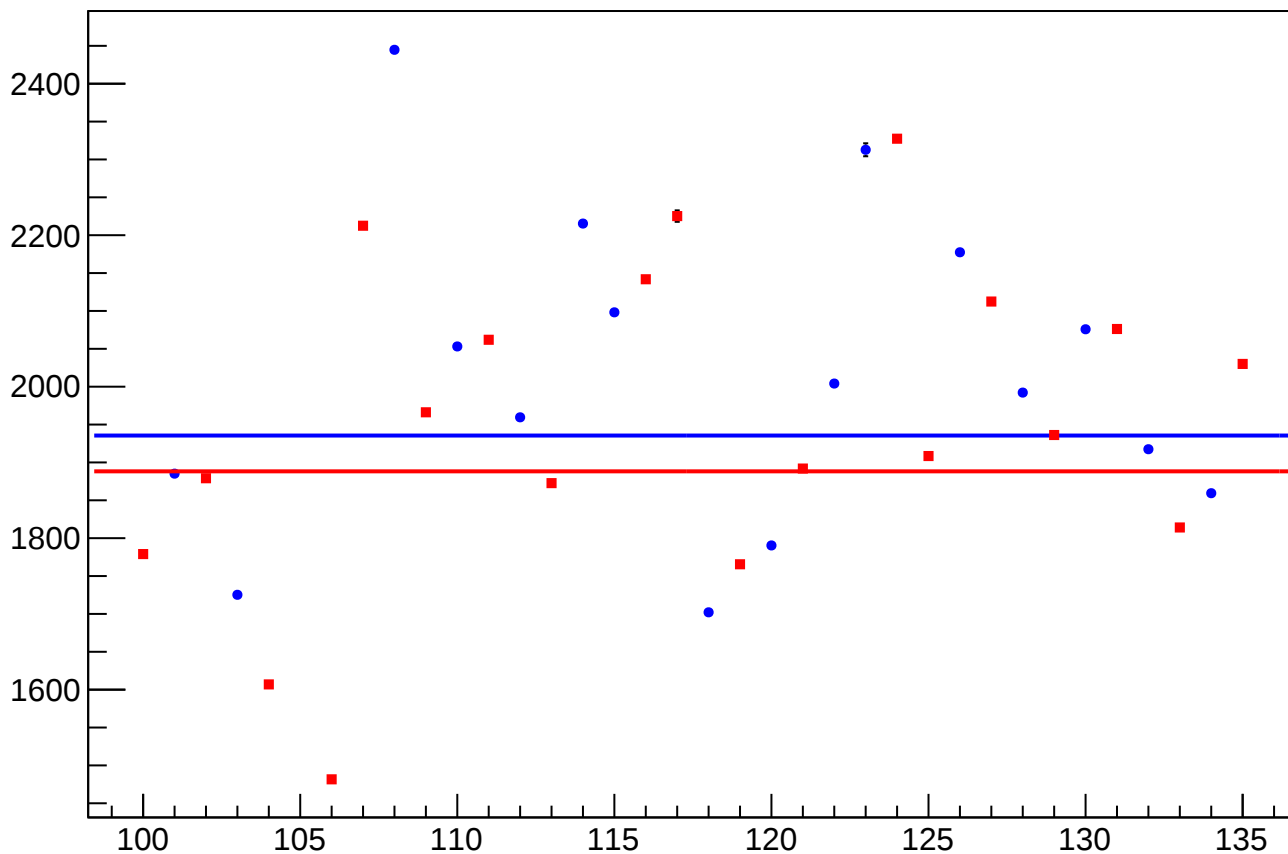
Right Out: -4.781+/-0.720 χ^2/NDF : 1260.4/18

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

49.150+/-0.802 χ^2/NDF : 815.9/15

-4.781+/-0.720 χ^2/NDF : 1260.4/18

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

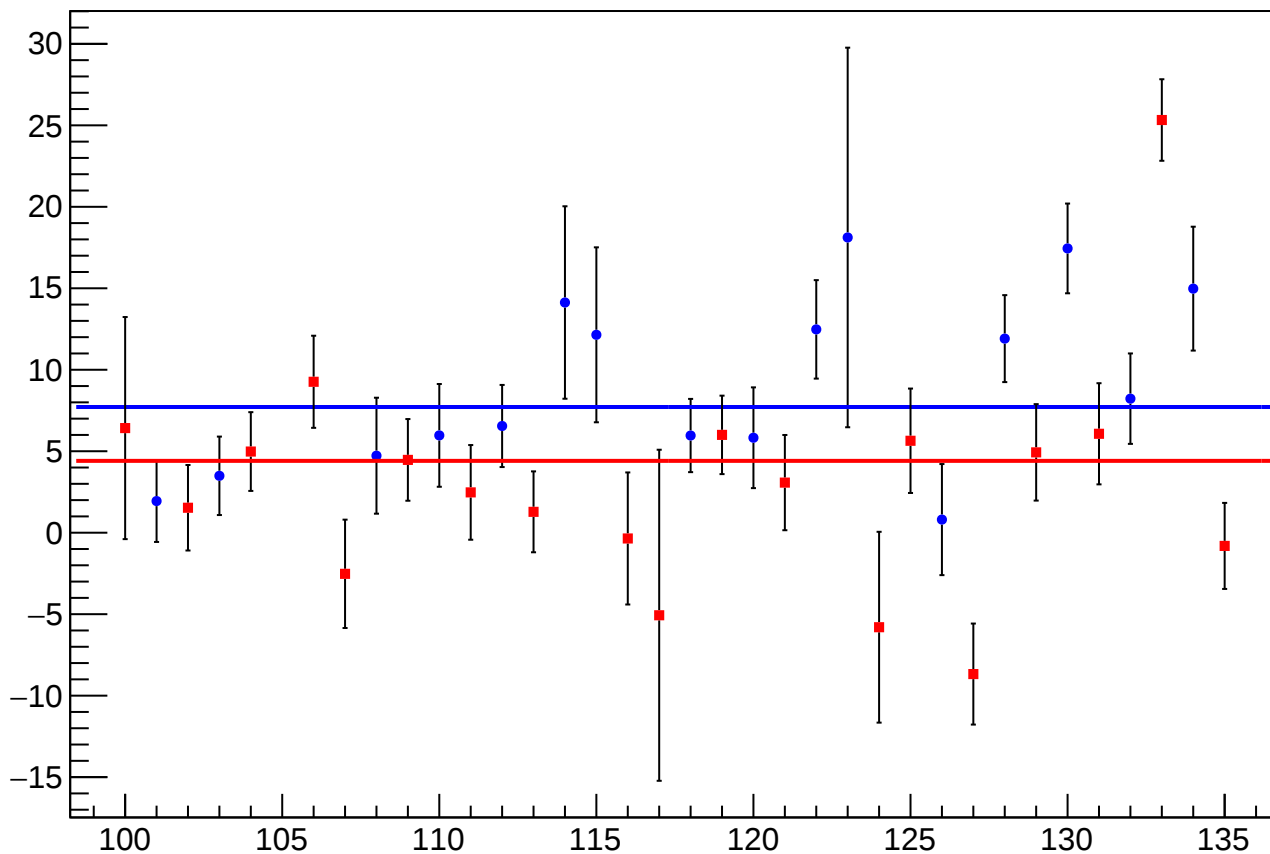
Right Out: 1888.237+/-0.509 χ^2/NDF : 144597.1/18

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

1935.499+/-0.567 χ^2/NDF : 99885.6/15

1888.237+/-0.509 χ^2/NDF : 144597.1/18

diff_bpm0i01aY_mean vs Slug



Right In: 7.714 $\pm$ 0.765 χ^2 /NDF: 38.5/15

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

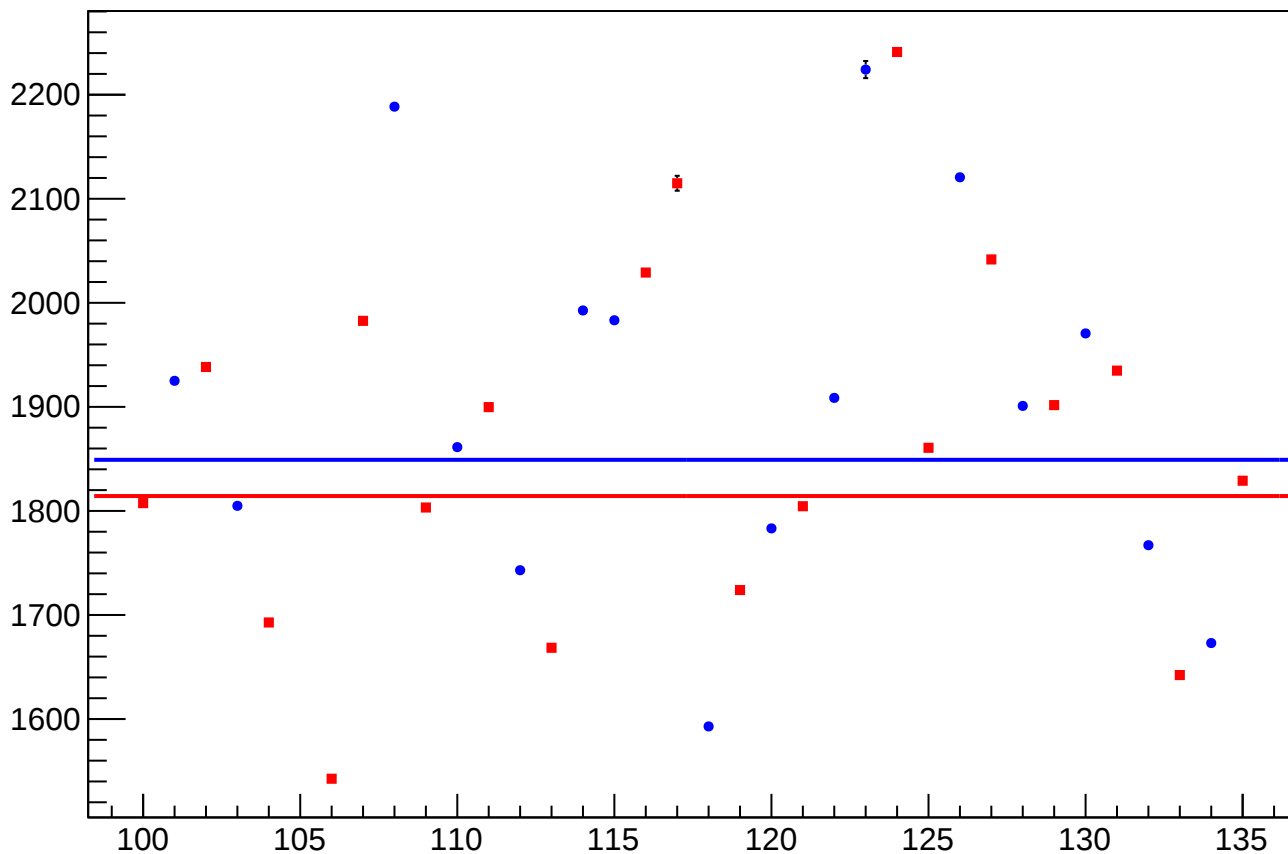
Right Out: 4.409 $\pm$ 0.689 χ^2 /NDF: 108.7/18

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

7.714 $\pm$ 0.765 χ^2 /NDF: 38.5/15

4.409 $\pm$ 0.689 χ^2 /NDF: 108.7/18

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

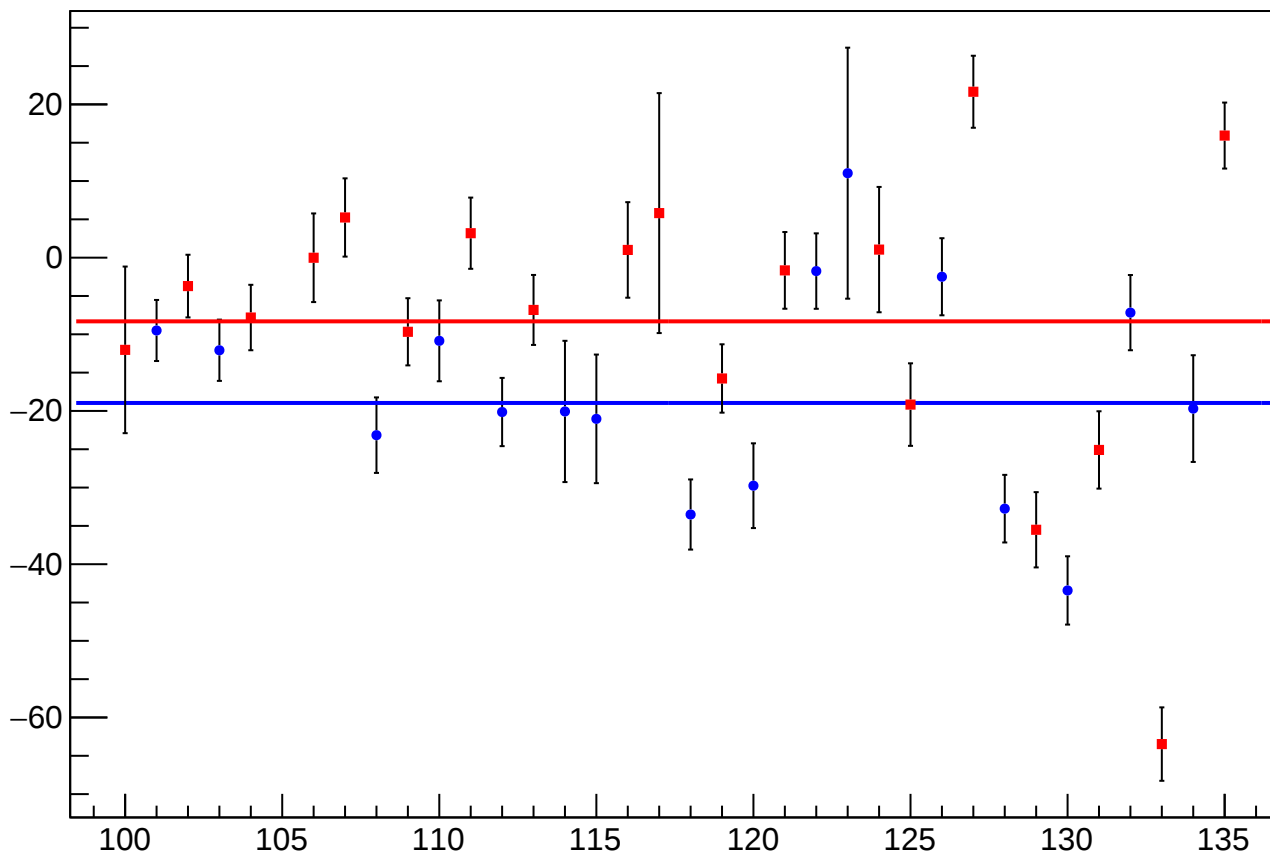
Right Out: 1814.312+/-0.487 χ^2 /NDF: 88101.7/18

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

1849.124+/-0.541 χ^2 /NDF: 79842.0/15

1814.312+/-0.487 χ^2 /NDF: 88101.7/18

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

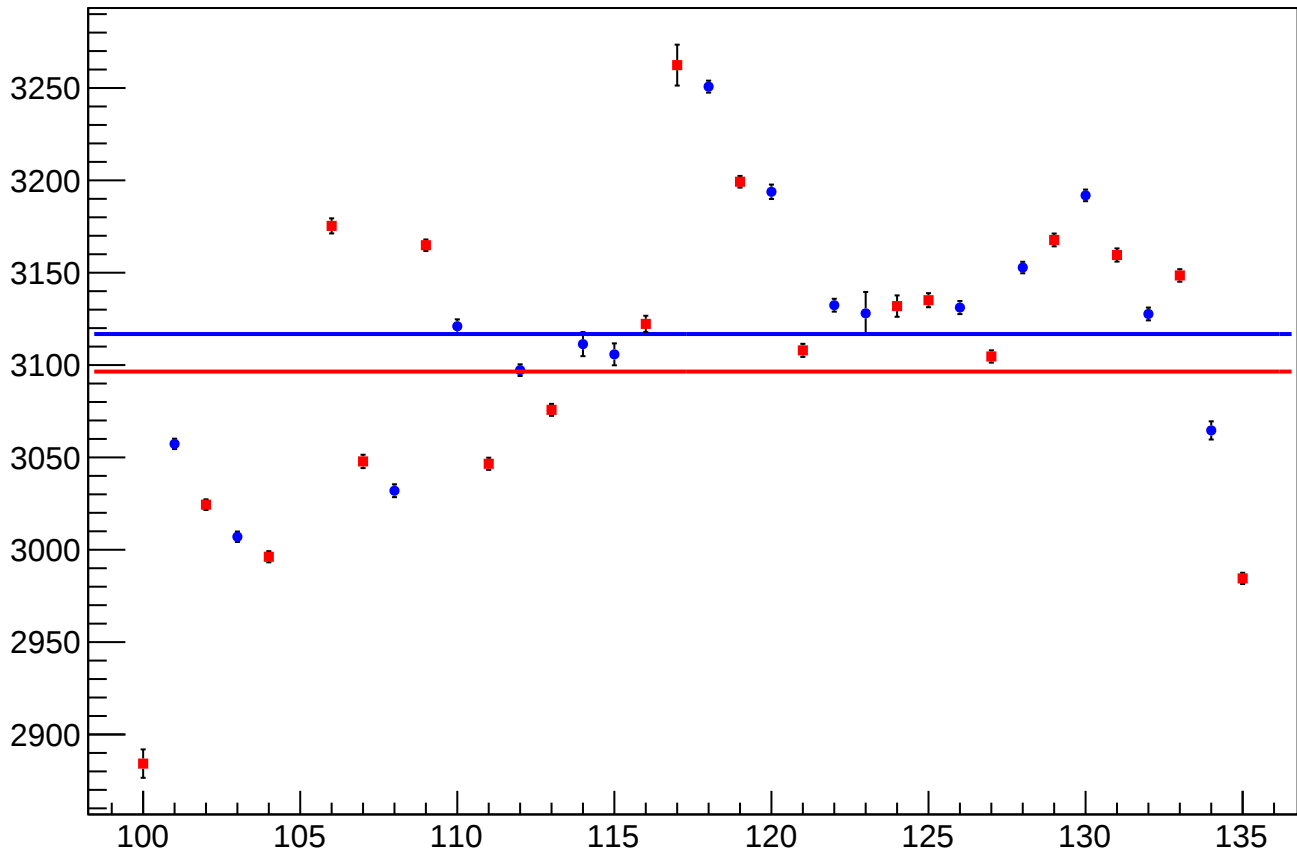
Right Out: -8.310+/-1.170 χ^2/NDF : 276.5/18

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

-18.959+/-1.282 χ^2/NDF : 97.7/15

-8.310+/-1.170 χ^2/NDF : 276.5/18

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

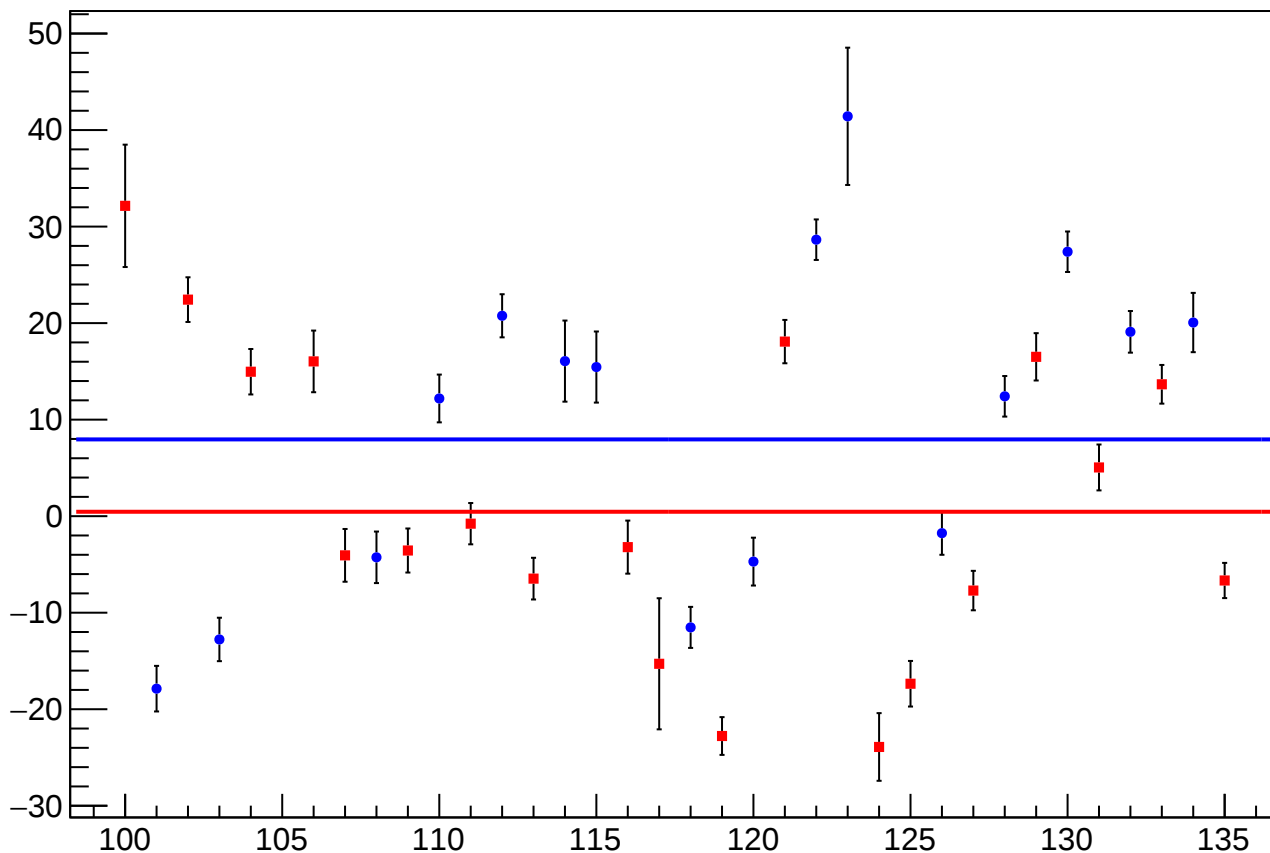
Right Out: 3096.473 $\pm$ 0.827 χ^2 /NDF: 7600.0/18

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

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

3096.473 $\pm$ 0.827 χ^2 /NDF: 7600.0/18

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

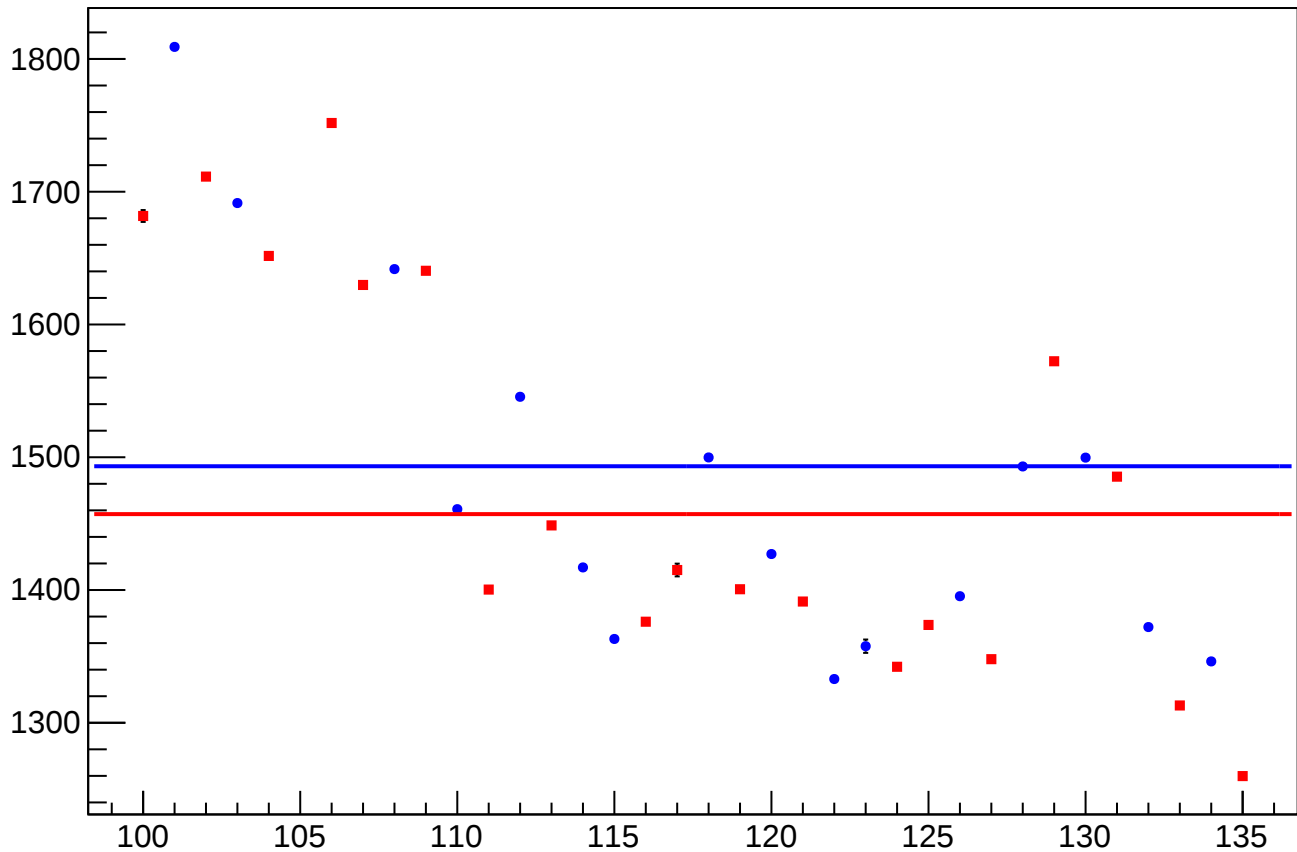
Right Out: 0.457+/-0.554 χ^2/NDF : 629.6/18

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

7.952+/-0.618 χ^2/NDF : 649.7/15

0.457+/-0.554 χ^2/NDF : 629.6/18

diff_bpm0l01Y_rms vs Slug



Right In: 1493.222 $\pm$ 0.437 χ^2 /NDF: 90617.4/15

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

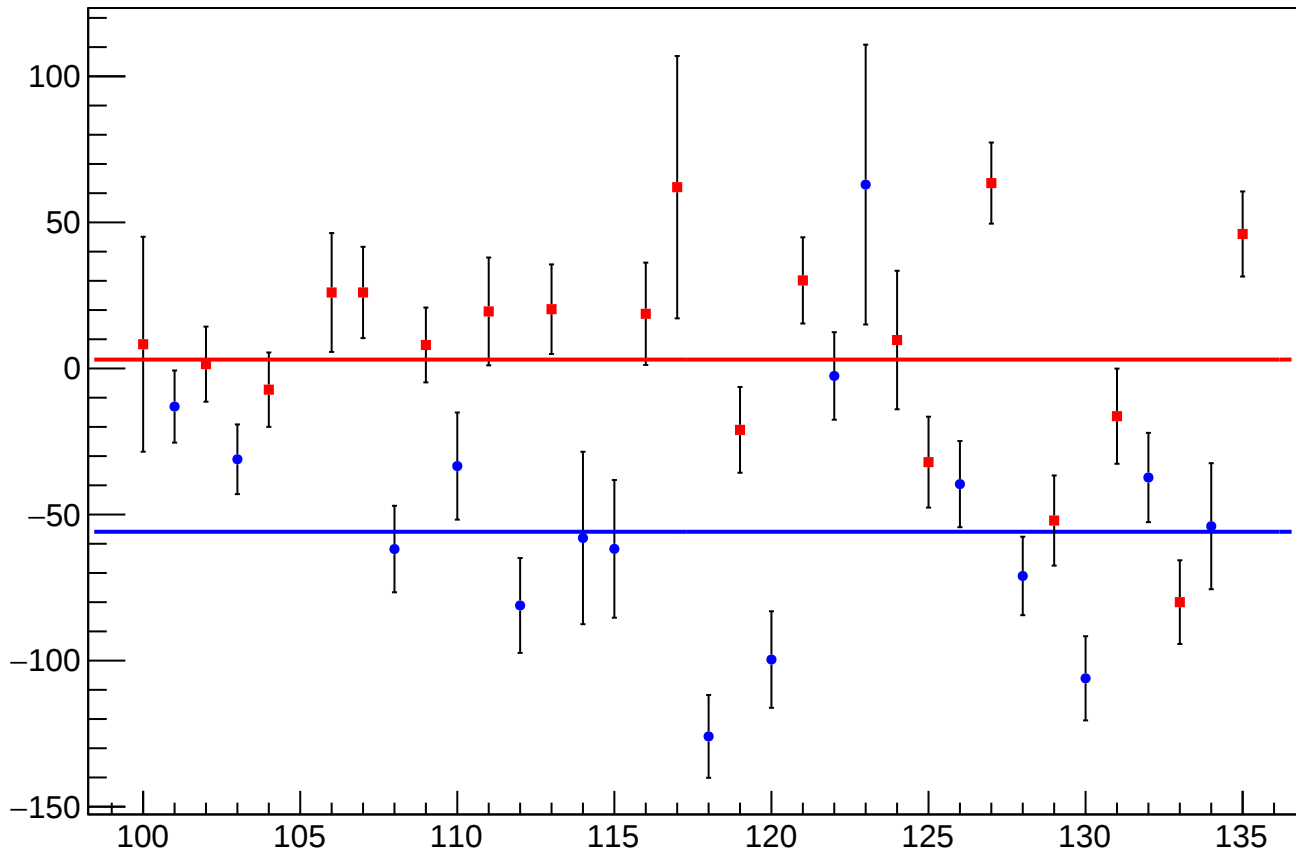
Right Out: 1457.170 $\pm$ 0.392 χ^2 /NDF: 133654.8/18

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

1493.222 $\pm$ 0.437 χ^2 /NDF: 90617.4/15

1457.170 $\pm$ 0.392 χ^2 /NDF: 133654.8/18

diff_bpm0l02X_mean vs Slug



Right In: -55.894 $\pm$ 3.991 χ^2 /NDF: 86.9/15

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

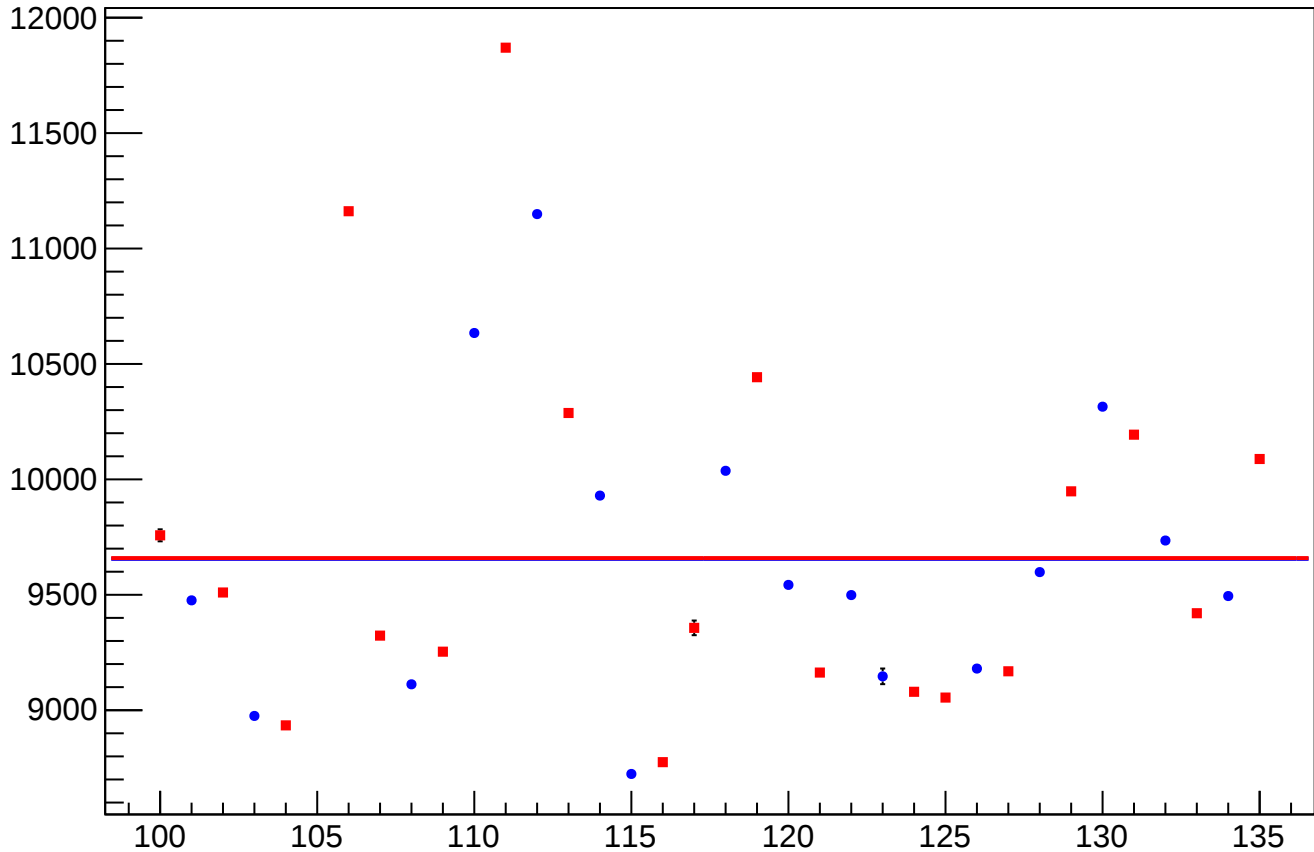
Right Out: 3.045 $\pm$ 3.666 χ^2 /NDF: 95.5/18

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

-55.894 $\pm$ 3.991 χ^2 /NDF: 86.9/15

3.045 $\pm$ 3.666 χ^2 /NDF: 95.5/18

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

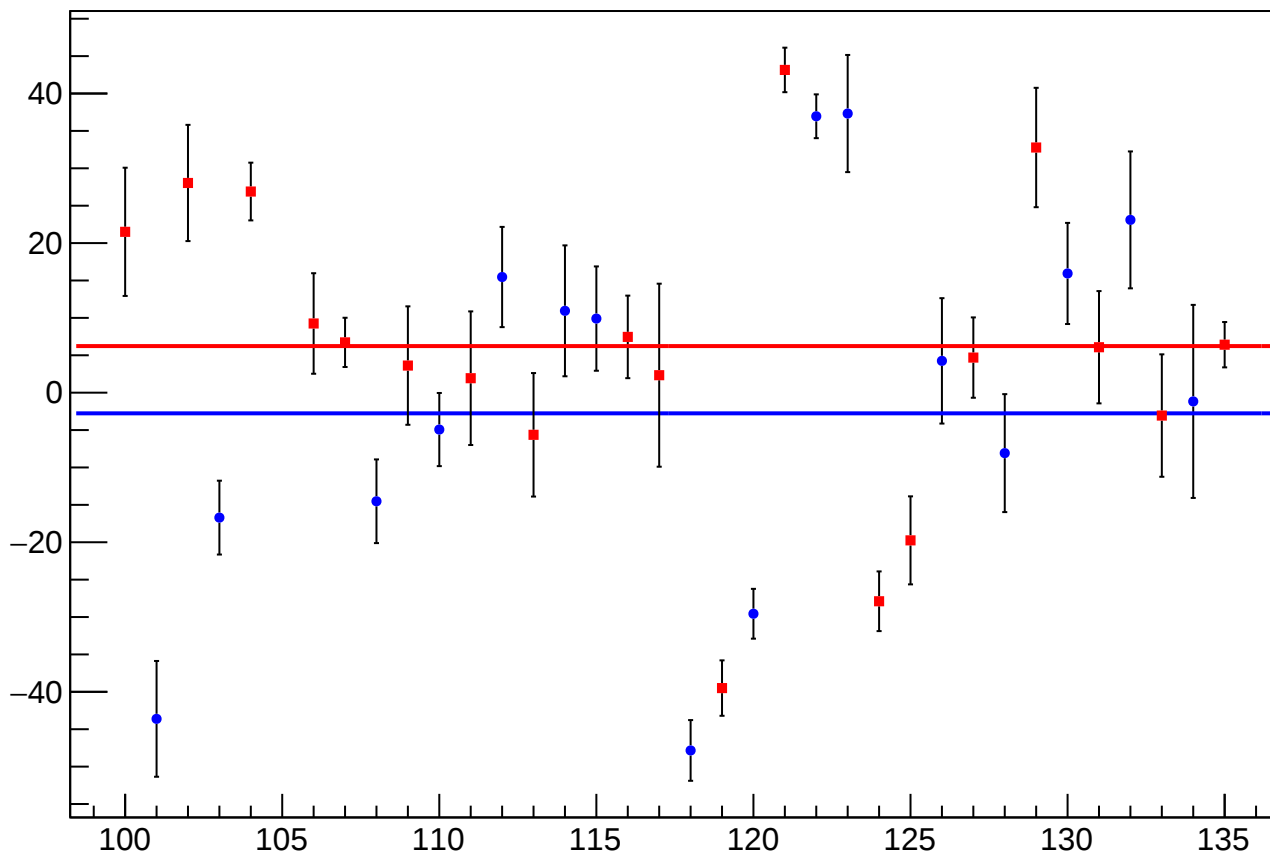
Right Out: 9659.005+/-2.592 χ^2/NDF : 77665.3/18

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

9655.690+/-2.822 χ^2/NDF : 43976.4/15

9659.005+/-2.592 χ^2/NDF : 77665.3/18

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

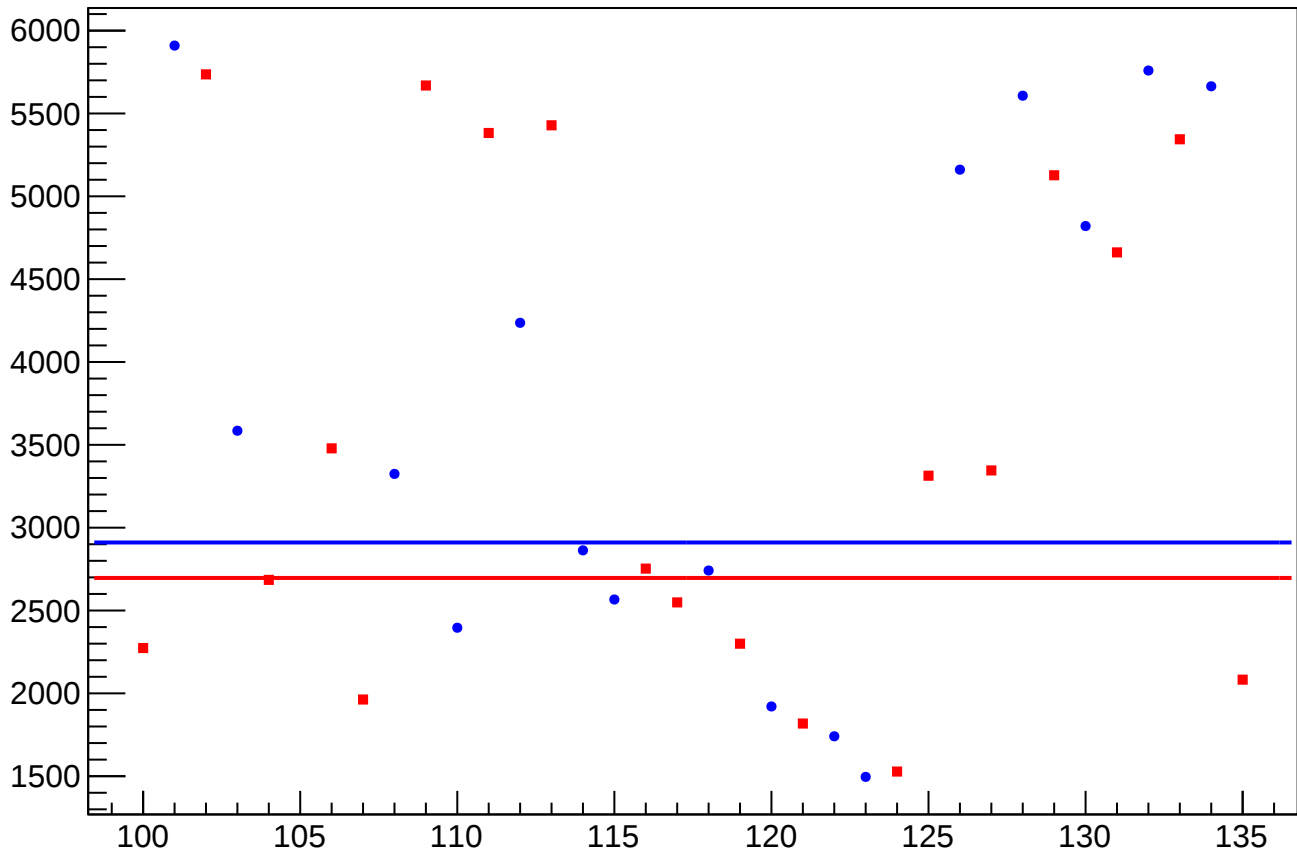
Right Out: 6.230+/-1.144 χ^2 /NDF: 453.8/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.763+/-1.359 χ^2 /NDF: 468.6/15

6.230+/-1.144 χ^2 /NDF: 453.8/18

diff_bpm0l02Y_rms vs Slug



Right In: 2910.678+/-0.961 χ^2 /NDF: 1840652.6/15

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

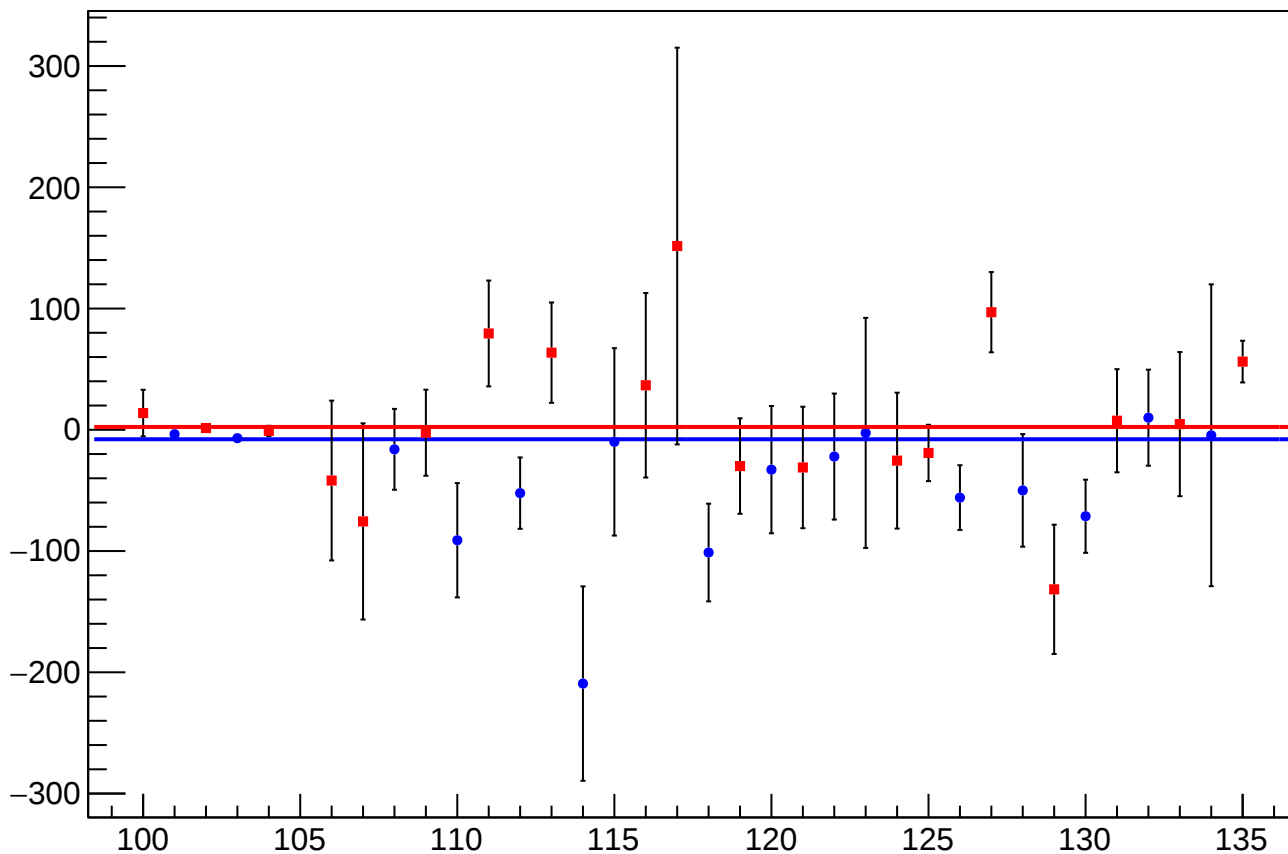
2910.678+/-0.961 χ^2 /NDF: 1840652.6/15

Right Out: 2696.583+/-0.809 χ^2 /NDF: 2153055.8/18

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

2696.583+/-0.809 χ^2 /NDF: 2153055.8/18

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

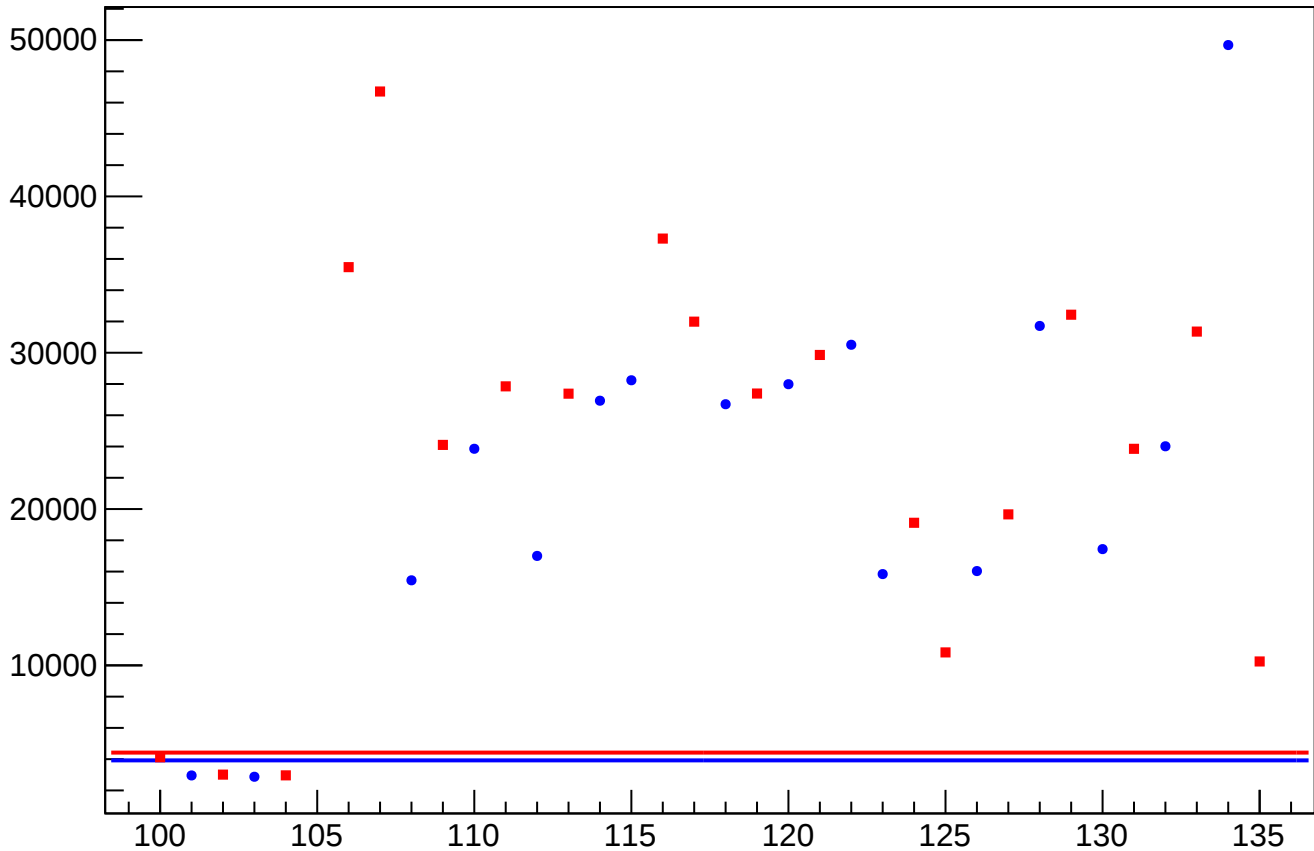
Right Out: 2.349+/-2.788 χ^2/NDF : 35.3/18

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

-7.801+/-2.639 χ^2/NDF : 27.4/15

2.349+/-2.788 χ^2/NDF : 35.3/18

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

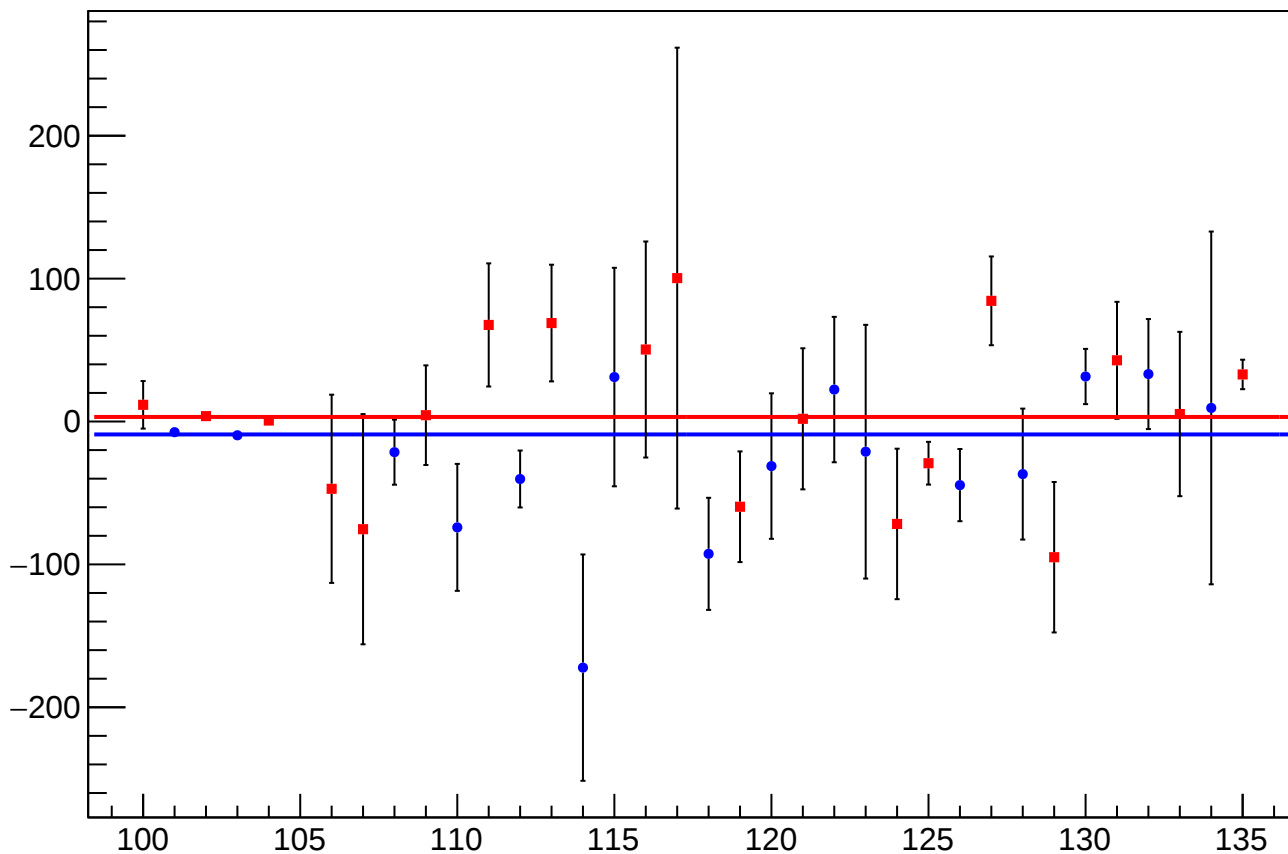
Right Out: 4419.821+/-1.971 χ^2/NDF : 7219704.8/18

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

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

4419.821+/-1.971 χ^2/NDF : 7219704.8/18

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

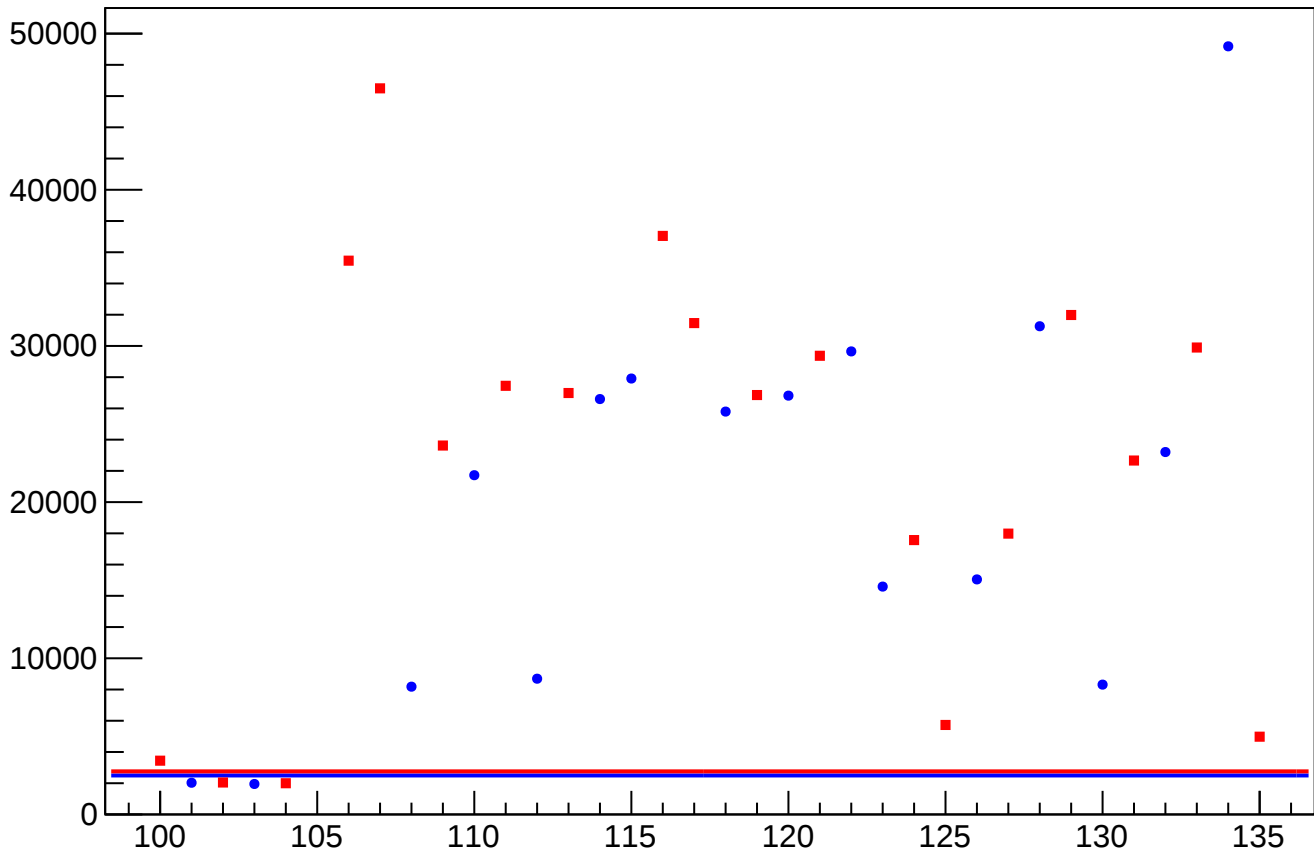
Right Out: 3.191+/-1.923 χ^2/NDF : 37.1/18

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

-9.053+/-1.818 χ^2/NDF : 22.9/15

3.191+/-1.923 χ^2/NDF : 37.1/18

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

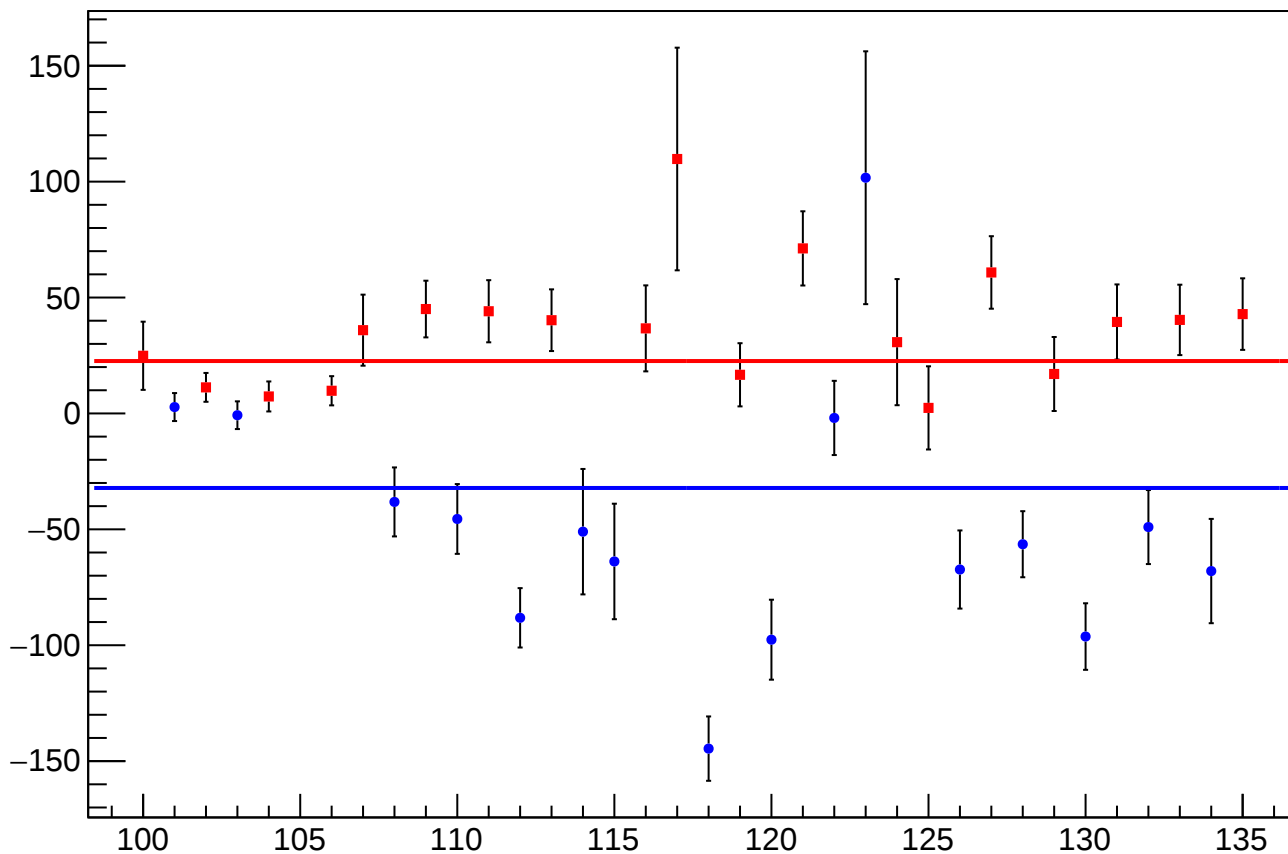
Right Out: 2759.580+/-1.360 χ^2/NDF : 7605652.6/18

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

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

2759.580+/-1.360 χ^2/NDF : 7605652.6/18

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

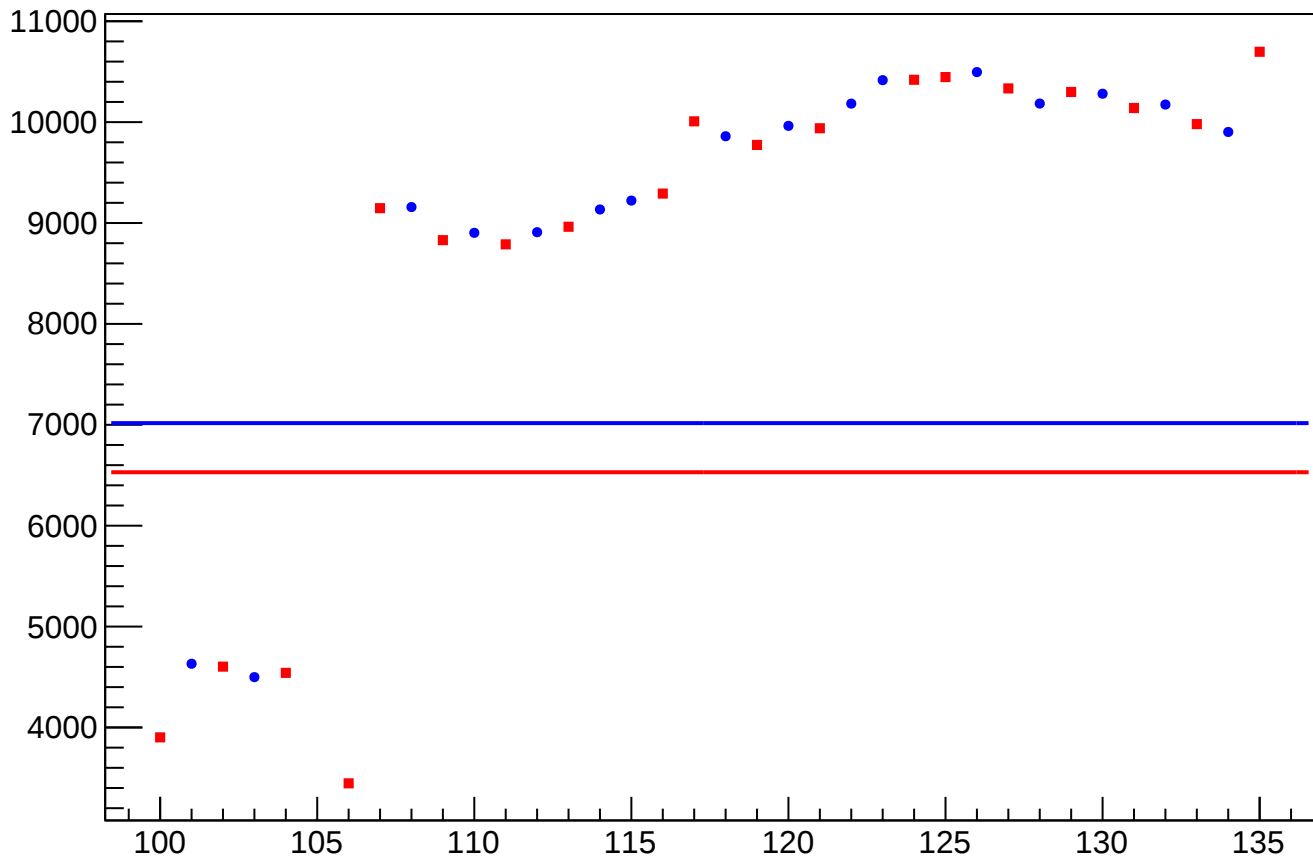
Right Out: 22.603 ± 2.681 χ^2/NDF : 46.4/18

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

-32.156 ± 3.080 χ^2/NDF : 203.7/15

22.603 ± 2.681 χ^2/NDF : 46.4/18

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

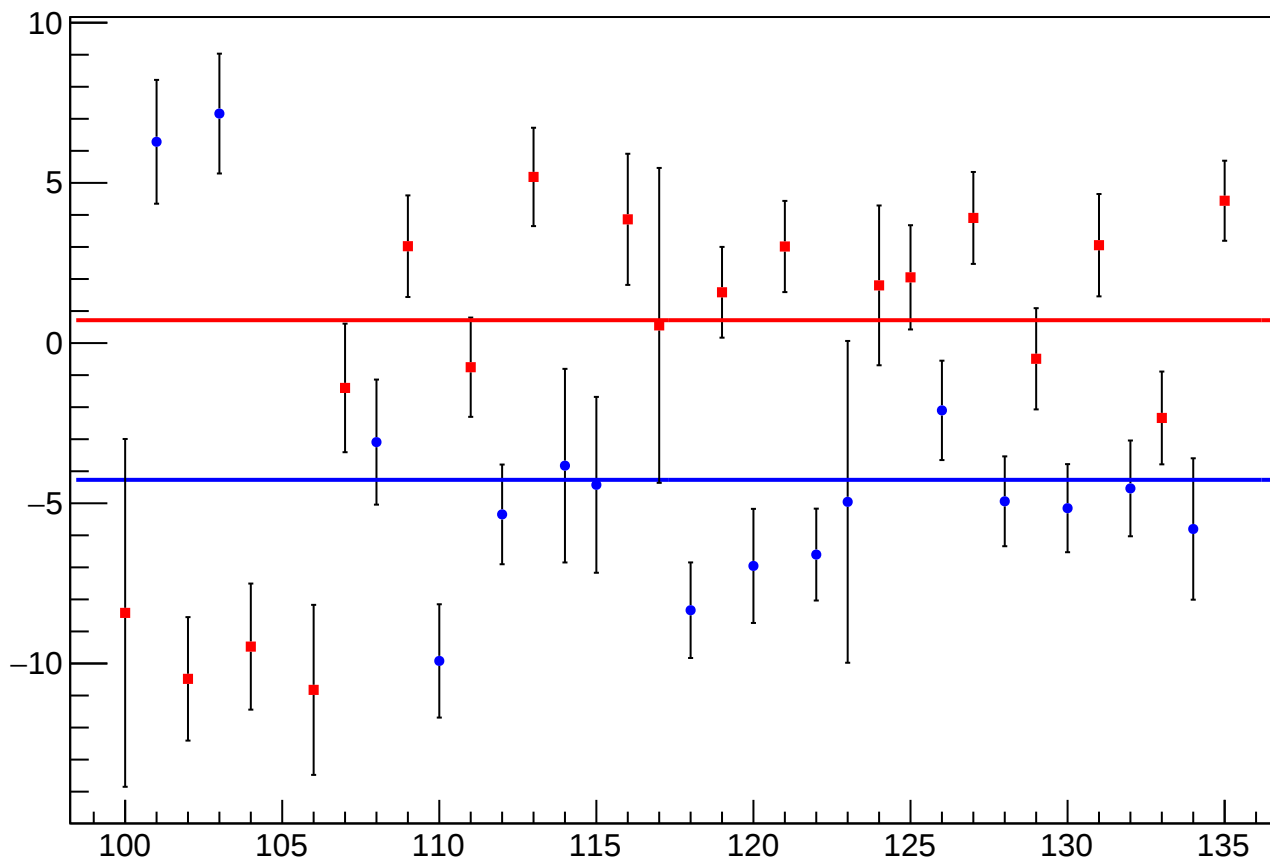
7016.685 $\pm$ 2.178 χ^2 /NDF: 1438242.3/15

Right Out: 6529.802 $\pm$ 1.896 χ^2 /NDF: 2149786.9/18

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

6529.802 $\pm$ 1.896 χ^2 /NDF: 2149786.9/18

diff_bpm0l04Y_mean vs Slug



Right In: -4.268 $\pm$ 0.439 χ^2 /NDF: 93.8/15

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

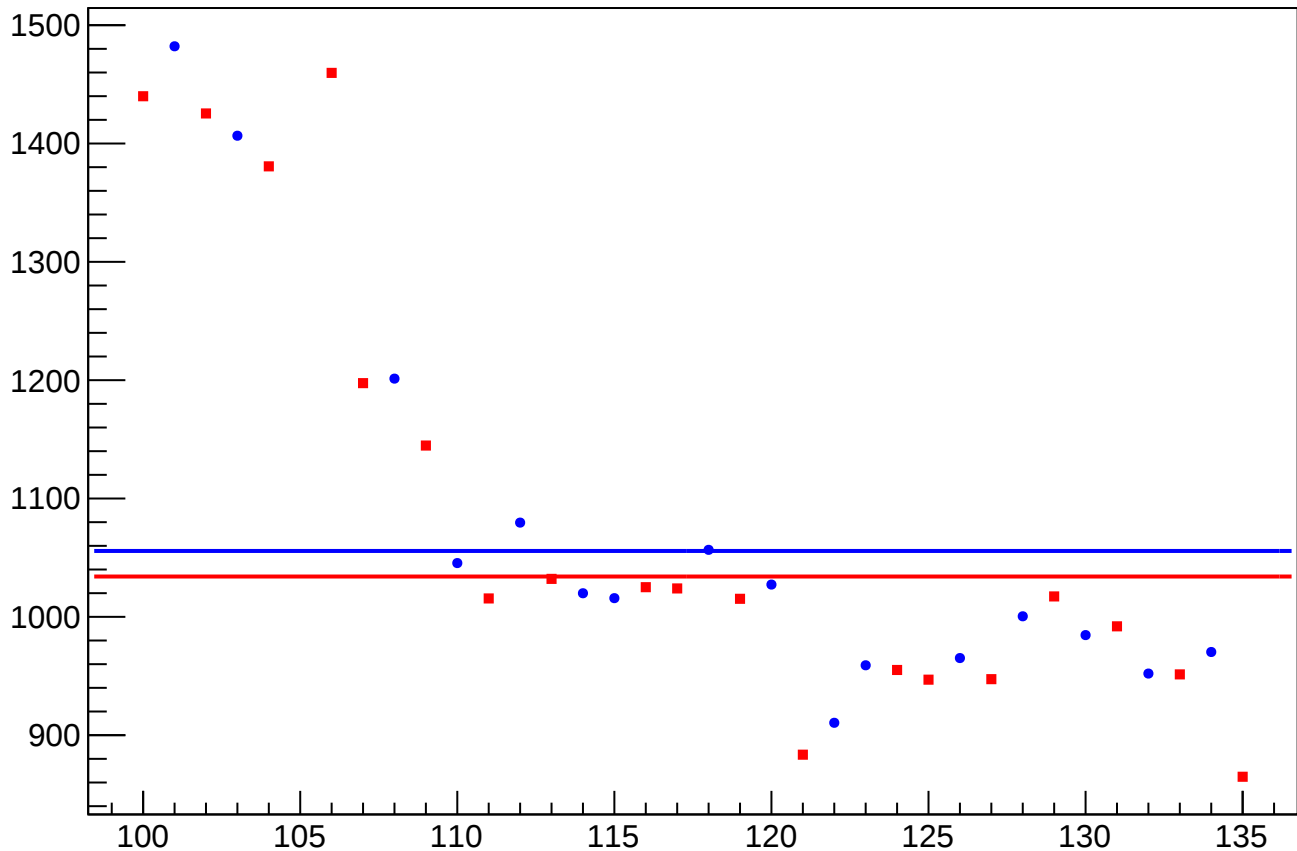
Right Out: 0.714 $\pm$ 0.395 χ^2 /NDF: 122.2/18

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

-4.268 $\pm$ 0.439 χ^2 /NDF: 93.8/15

0.714 $\pm$ 0.395 χ^2 /NDF: 122.2/18

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

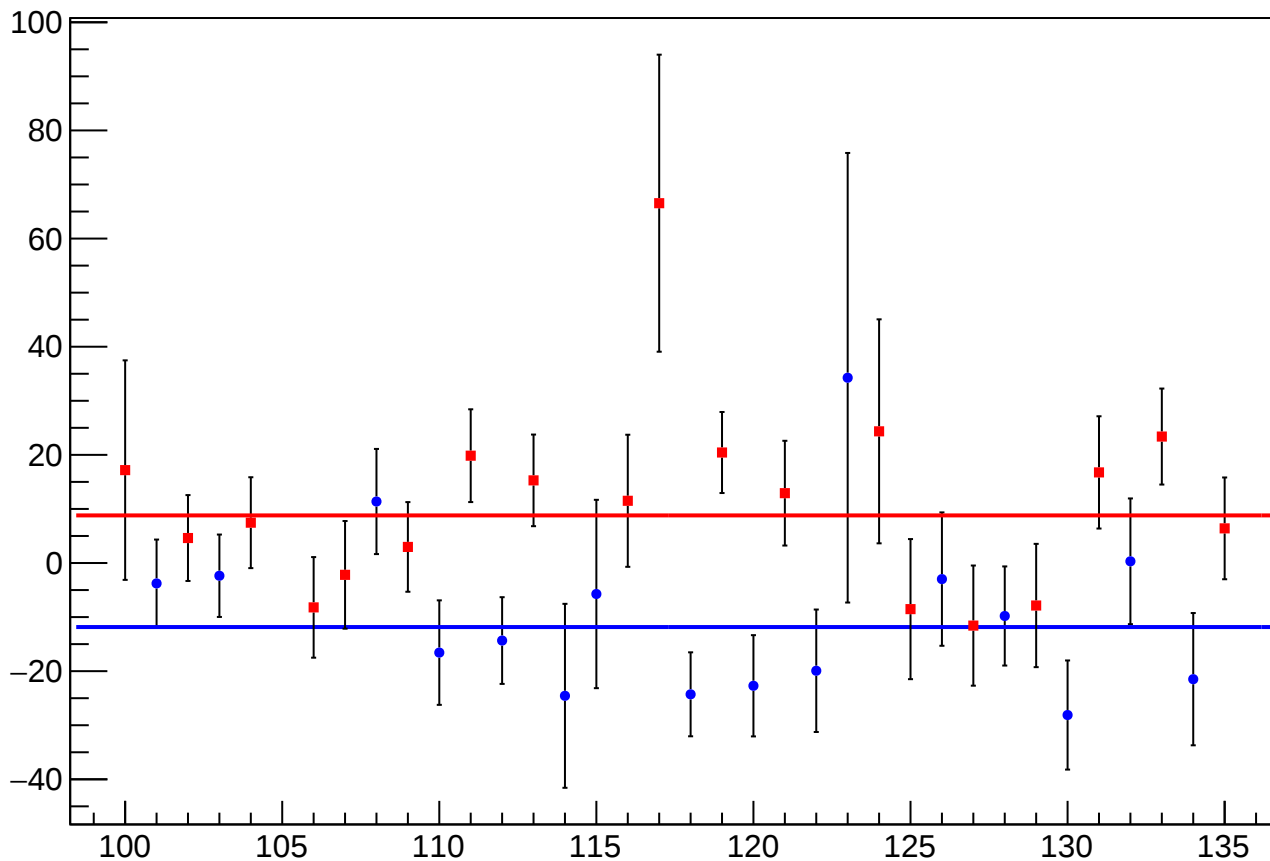
Right Out: 1034.078+/-0.280 χ^2/NDF : 313149.1/18

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

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

1034.078+/-0.280 χ^2/NDF : 313149.1/18

diff_bpm0l05X_mean vs Slug



Right In: -11.842 ± 2.542 χ^2/NDF : 19.8/15

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

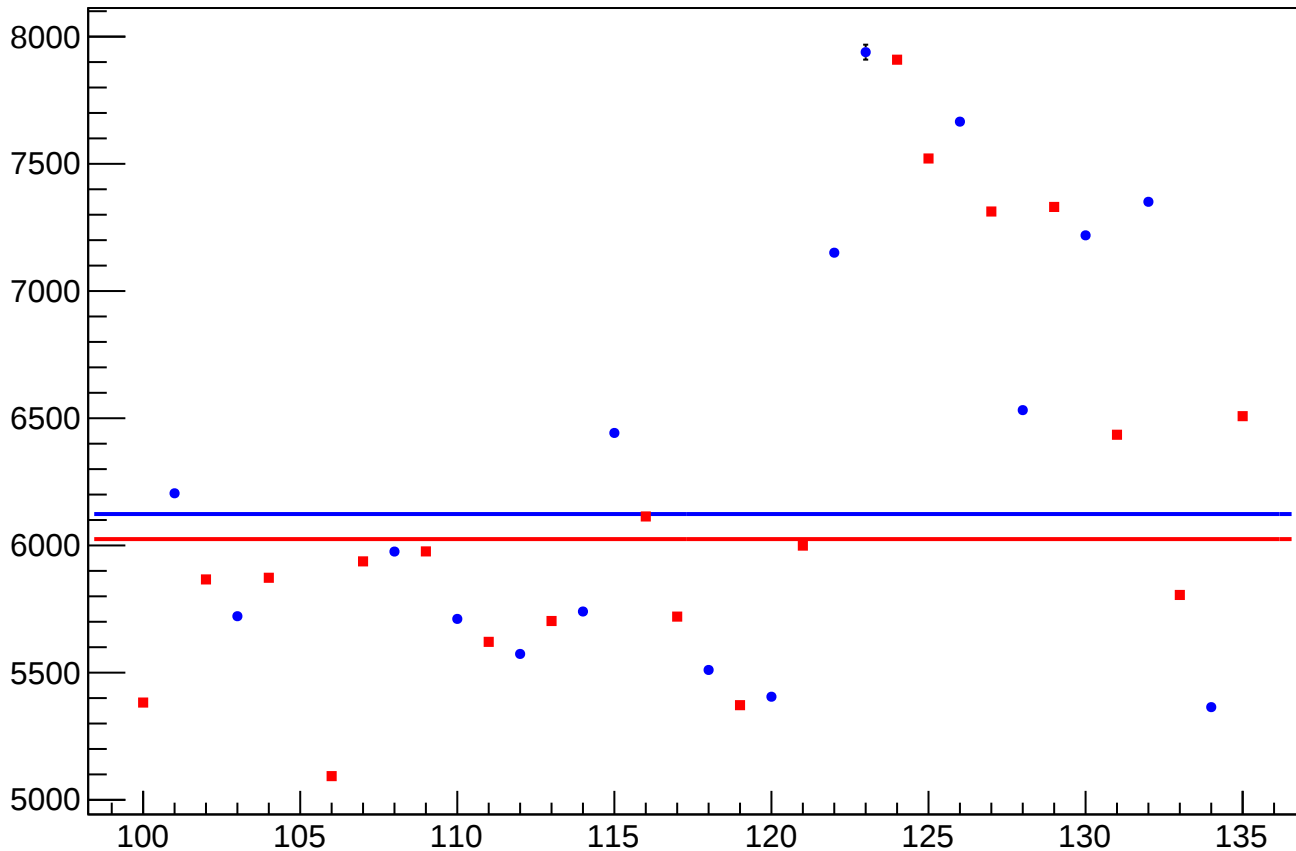
Right Out: 8.804 ± 2.294 χ^2/NDF : 26.0/18

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

-11.842 ± 2.542 χ^2/NDF : 19.8/15

8.804 ± 2.294 χ^2/NDF : 26.0/18

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

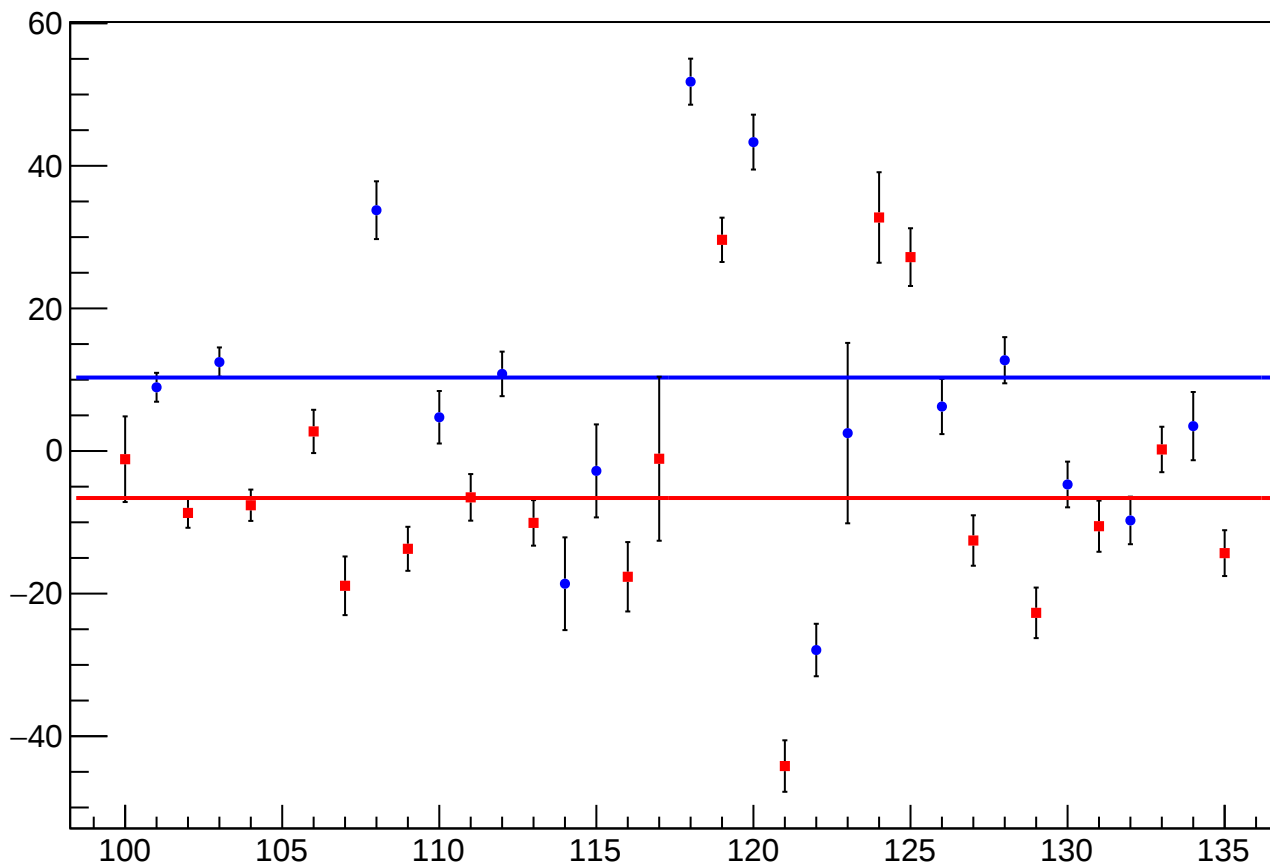
Right Out: 6024.958+/-1.622 χ^2/NDF : 152554.7/18

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

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

6024.958+/-1.622 χ^2/NDF : 152554.7/18

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

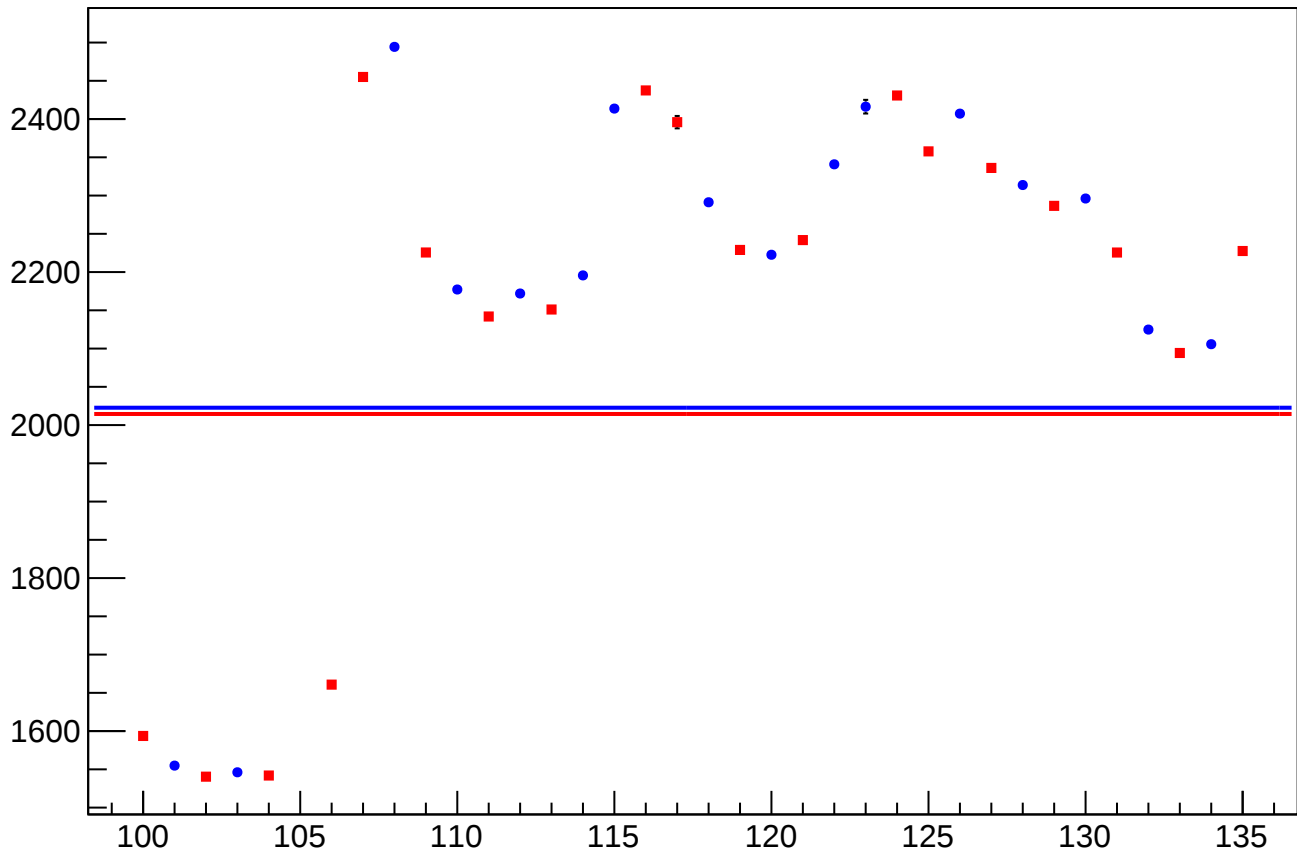
Right Out: -6.593+/-0.772 χ^2/NDF : 419.6/18

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

10.305+/-0.845 χ^2/NDF : 470.0/15

-6.593+/-0.772 χ^2/NDF : 419.6/18

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

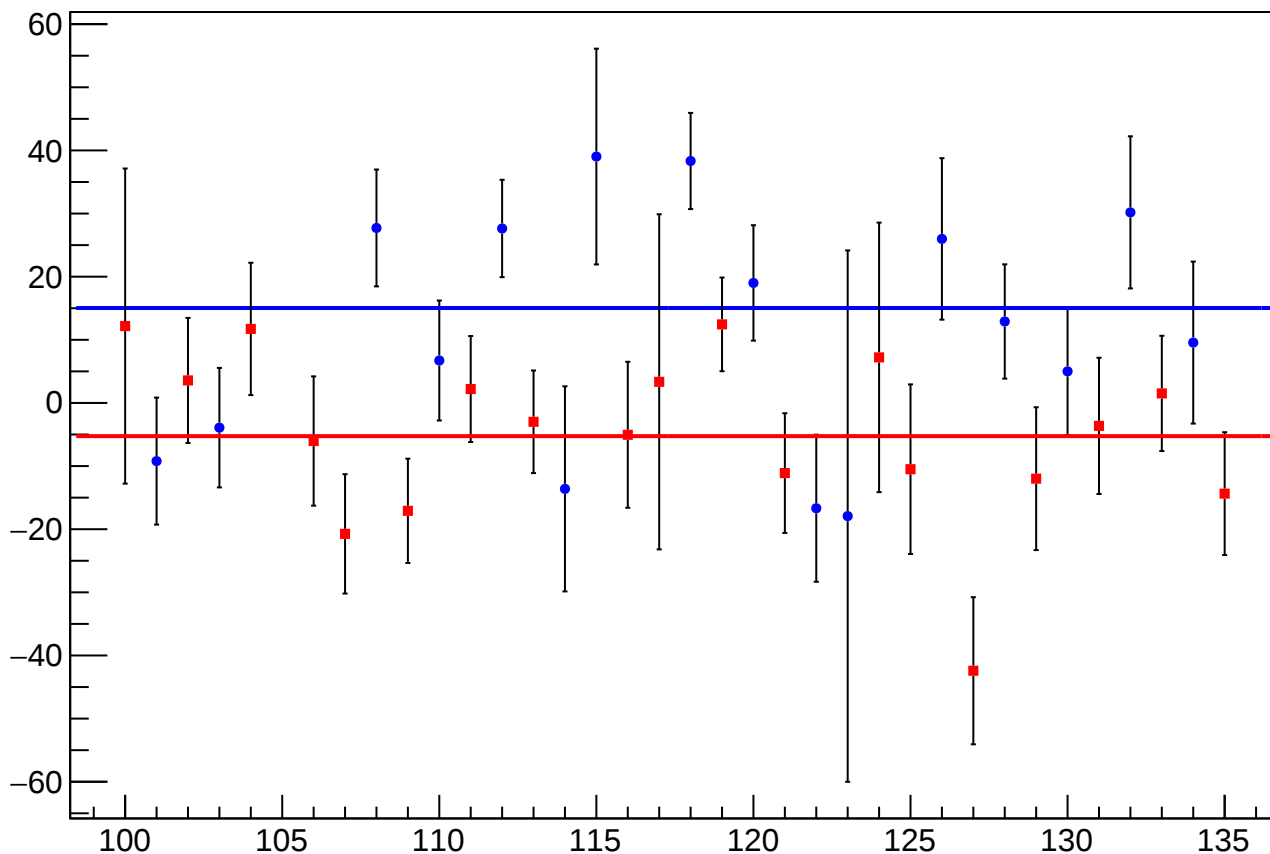
2022.698+/-0.597 χ^2/NDF : 347064.0/15

Right Out: 2014.510+/-0.546 χ^2/NDF : 375214.2/18

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

2014.510+/-0.546 χ^2/NDF : 375214.2/18

diff_bpm0l06X_mean vs Slug



Right In: 15.038+/-2.616 χ^2 /NDF: 41.3/15

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

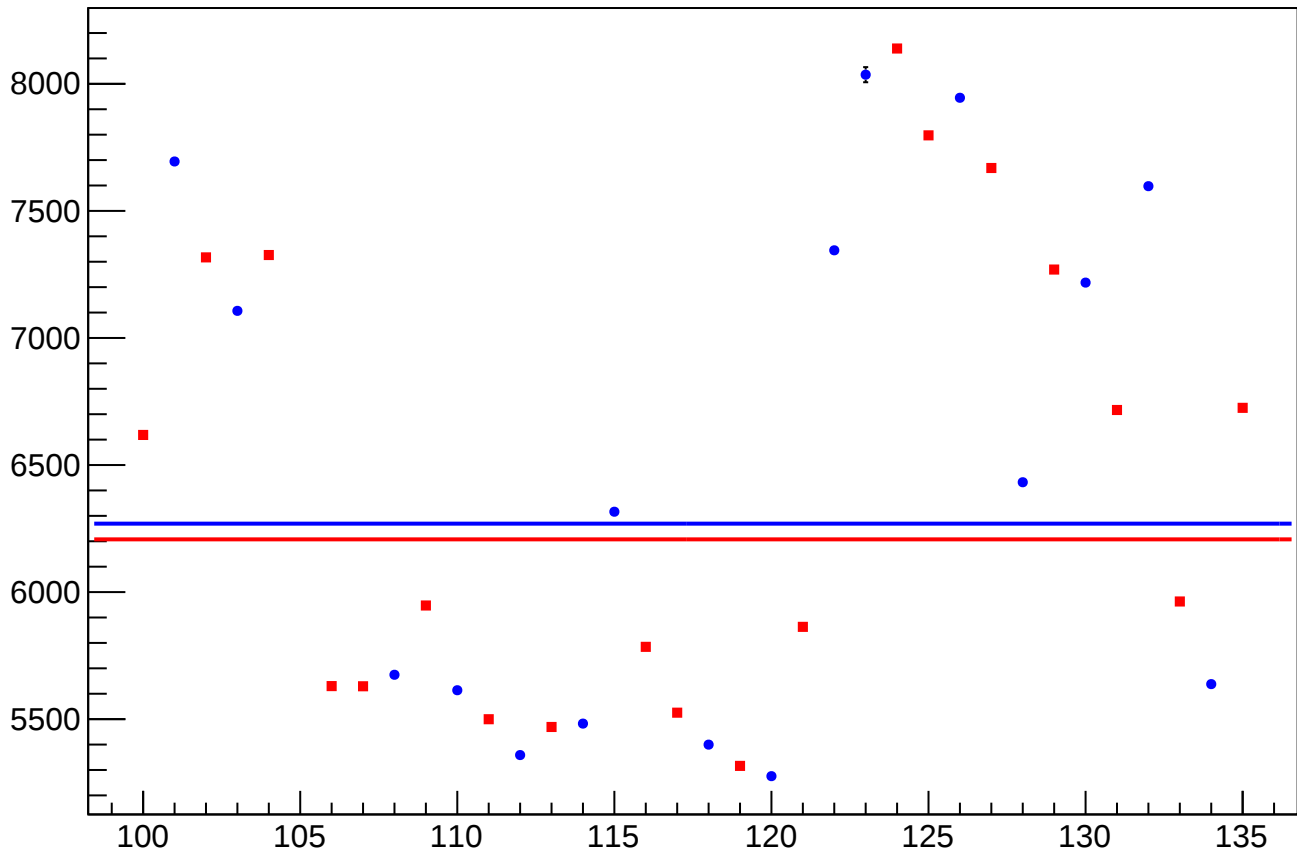
Right Out: -5.257+/-2.371 χ^2 /NDF: 28.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

15.038+/-2.616 χ^2 /NDF: 41.3/15

-5.257+/-2.371 χ^2 /NDF: 28.2/18

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

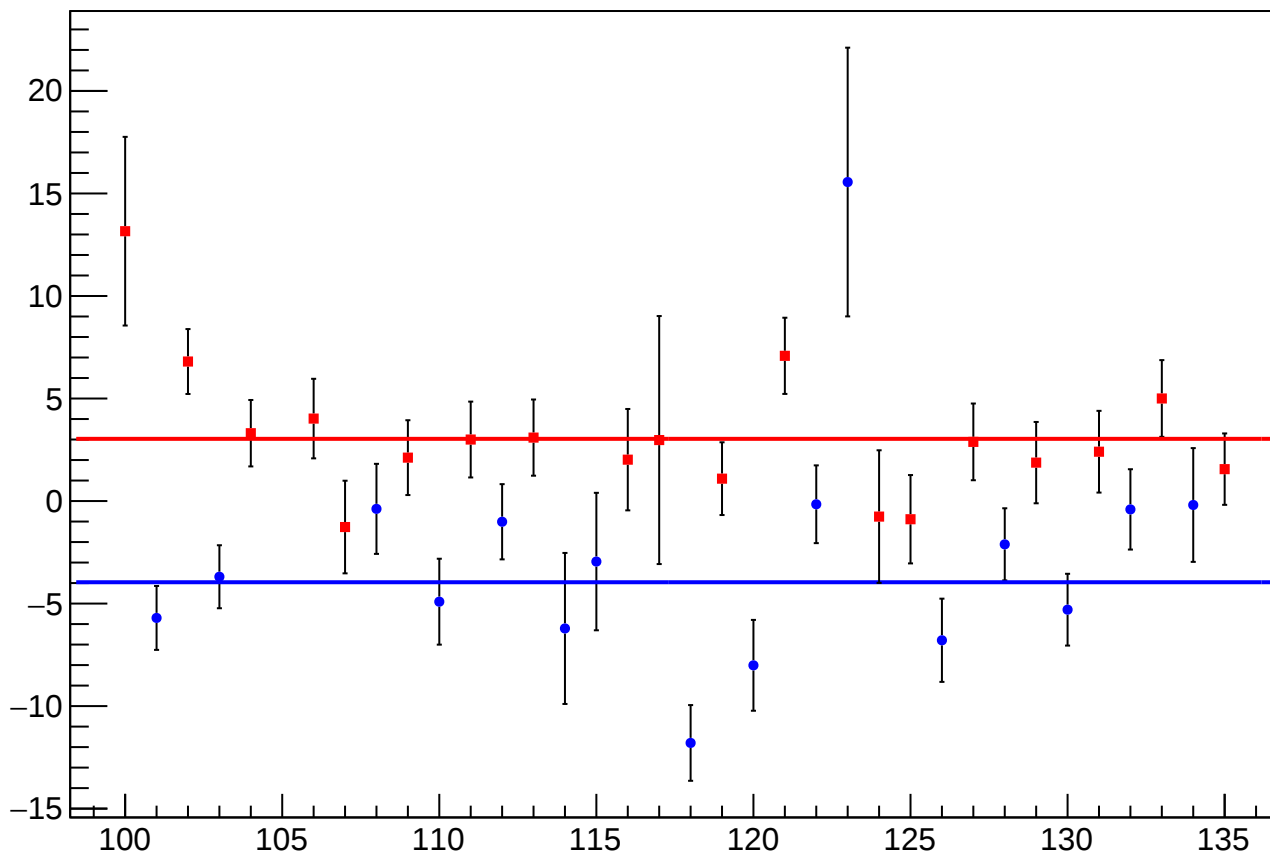
Right Out: 6207.497 $\pm$ 1.677 χ^2 /NDF: 235518.2/18

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

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

6207.497 $\pm$ 1.677 χ^2 /NDF: 235518.2/18

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

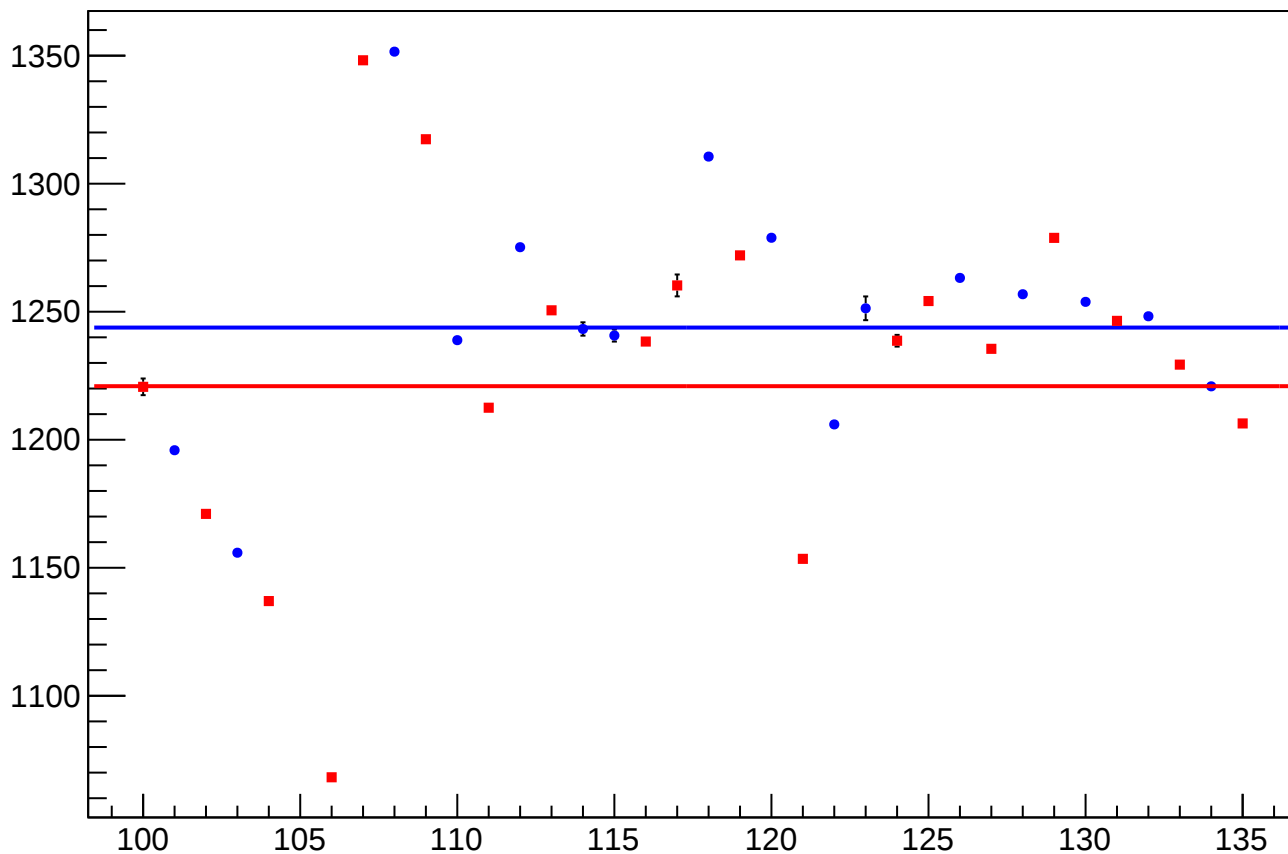
Right Out: 3.034+/-0.462 χ^2/NDF : 27.8/18

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

-3.960+/-0.512 χ^2/NDF : 50.2/15

3.034+/-0.462 χ^2/NDF : 27.8/18

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

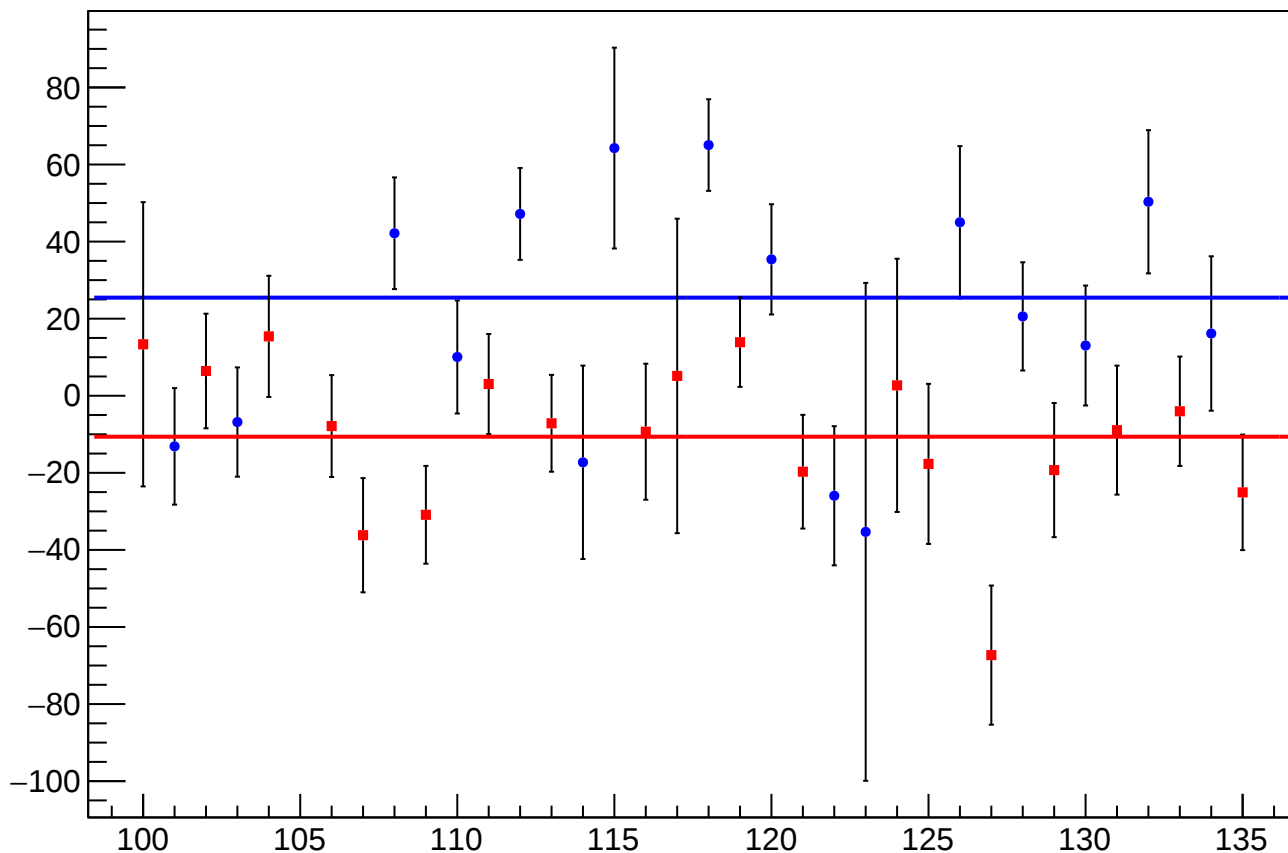
Right Out: 1220.917+/-0.327 χ^2/NDF : 39587.7/18

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

1243.811+/-0.362 χ^2/NDF : 18278.8/15

1220.917+/-0.327 χ^2/NDF : 39587.7/18

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

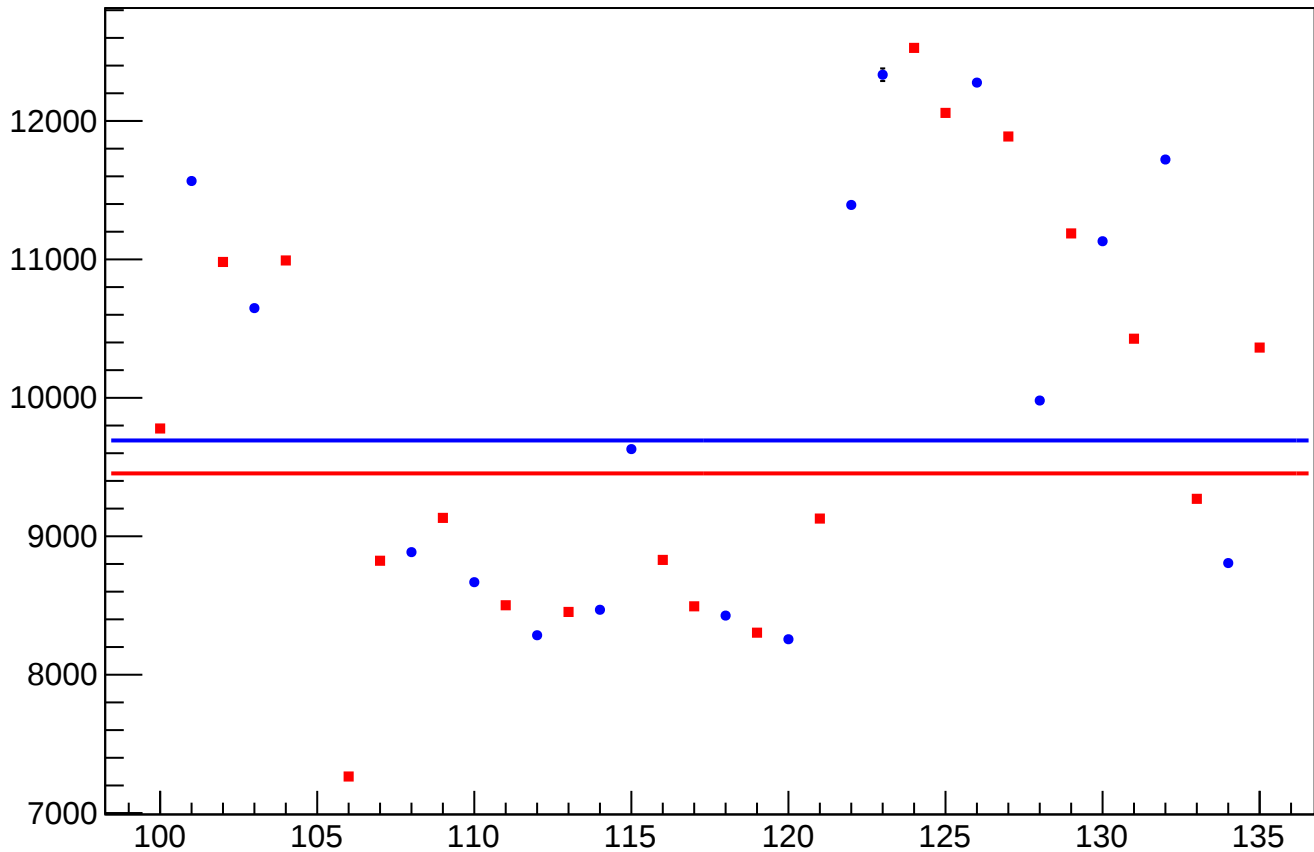
Right Out: -10.634 $\pm$ 3.615 χ^2 /NDF: 27.8/18

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

25.462 $\pm$ 4.040 χ^2 /NDF: 46.9/15

-10.634 $\pm$ 3.615 χ^2 /NDF: 27.8/18

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

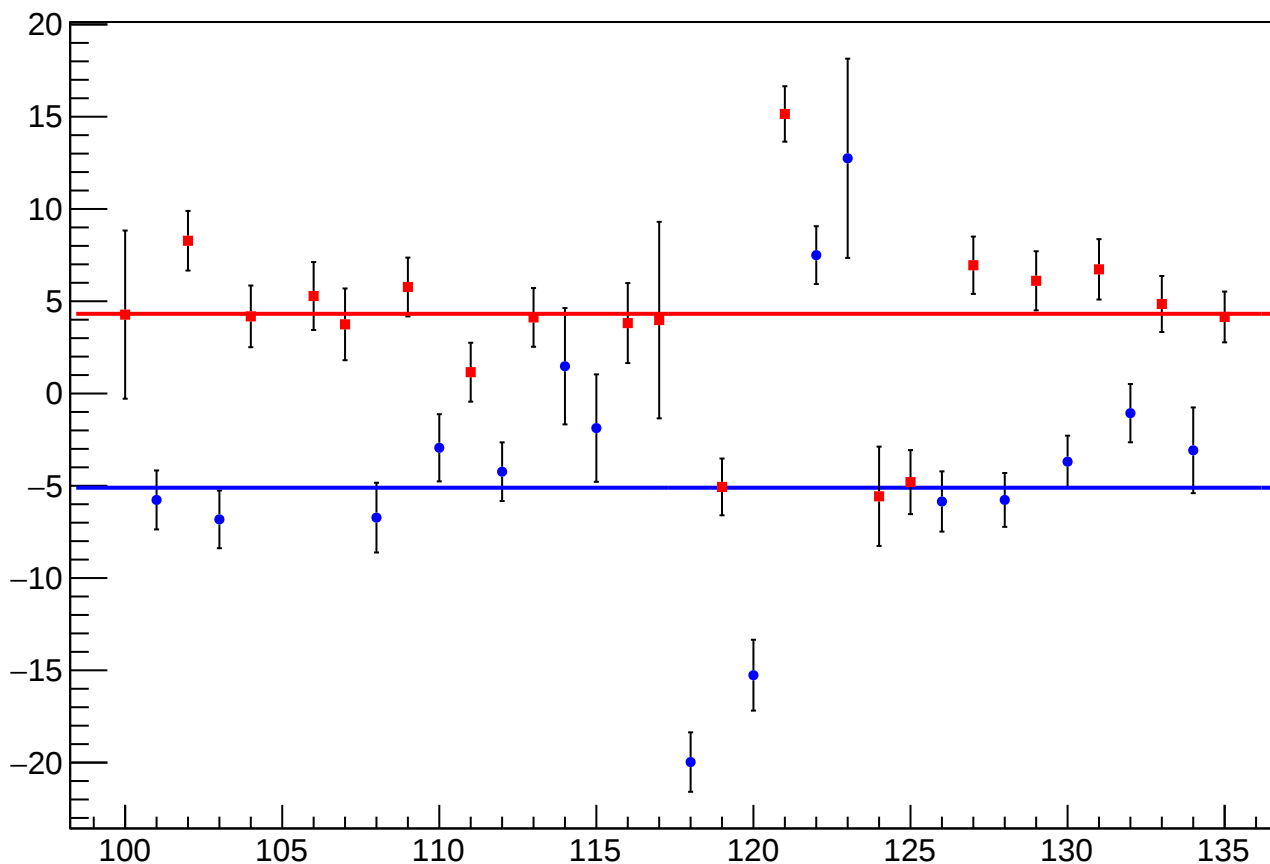
Right Out: 9454.163 $\pm$ 2.556 χ^2 /NDF: 267543.6/18

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

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

9454.163 $\pm$ 2.556 χ^2 /NDF: 267543.6/18

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

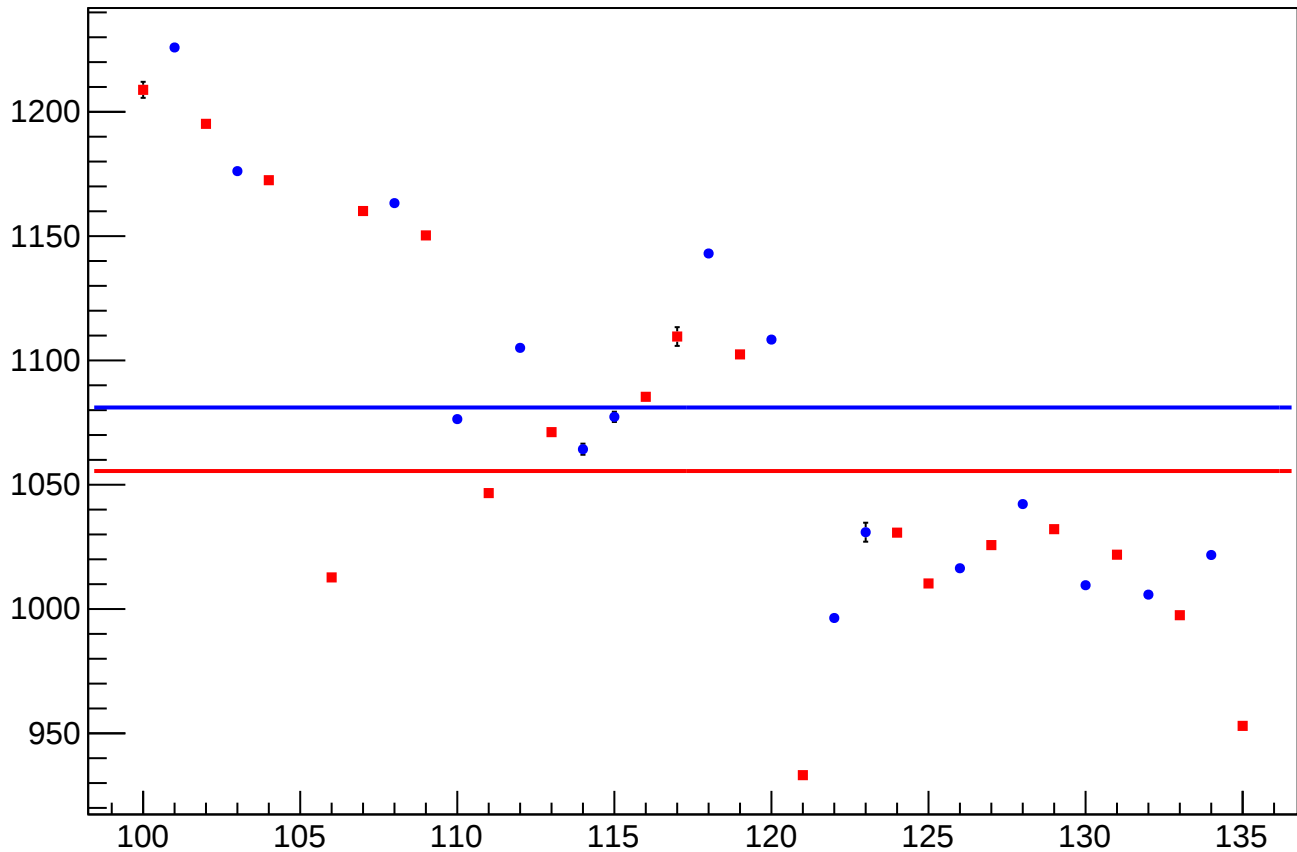
Right Out: 4.319+/-0.400 χ^2 /NDF: 147.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.105+/-0.446 χ^2 /NDF: 206.9/15

4.319+/-0.400 χ^2 /NDF: 147.9/18

diff_bpm0l07Y_rms vs Slug



Right In: 1081.075 $\pm$ 0.315 χ^2 /NDF: 53074.1/15

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

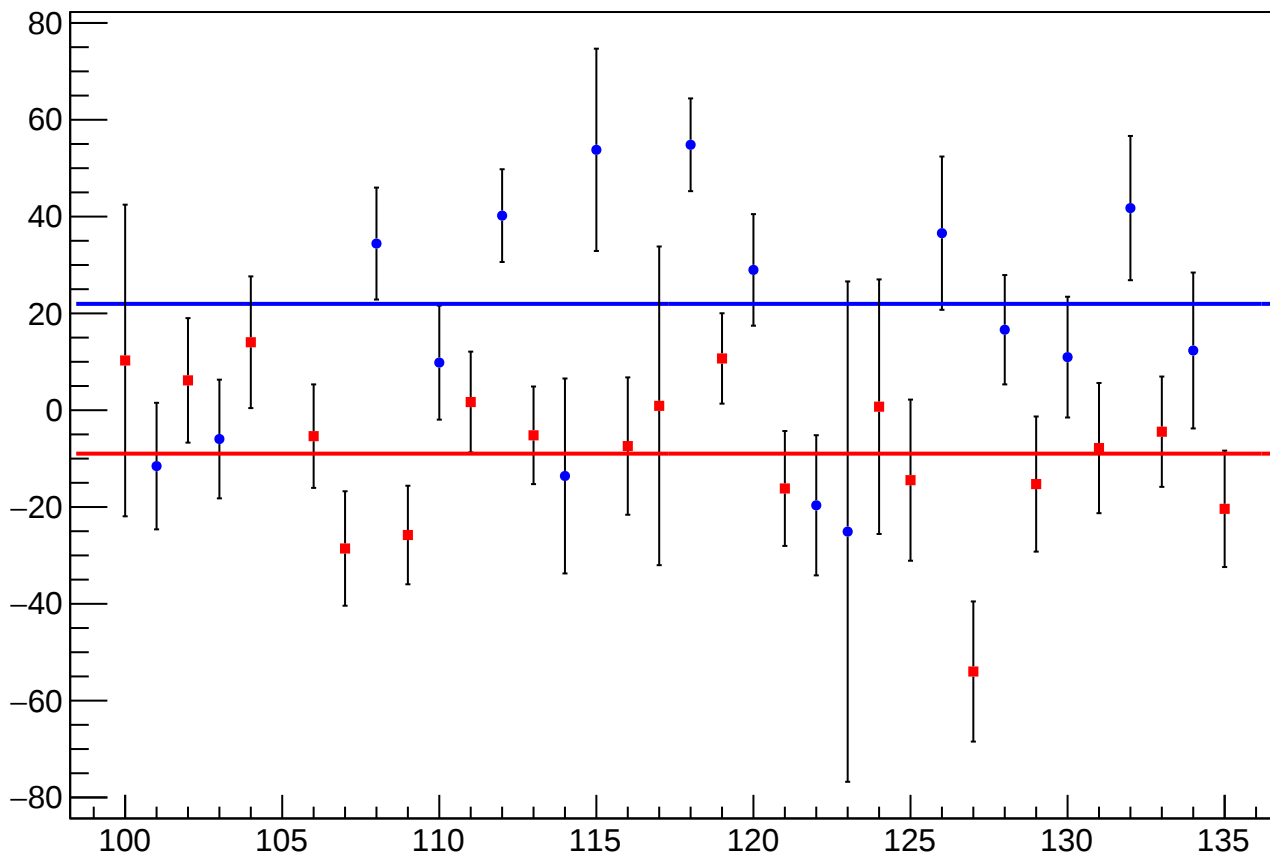
Right Out: 1055.513 $\pm$ 0.283 χ^2 /NDF: 74494.8/18

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

1081.075 $\pm$ 0.315 χ^2 /NDF: 53074.1/15

1055.513 $\pm$ 0.283 χ^2 /NDF: 74494.8/18

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

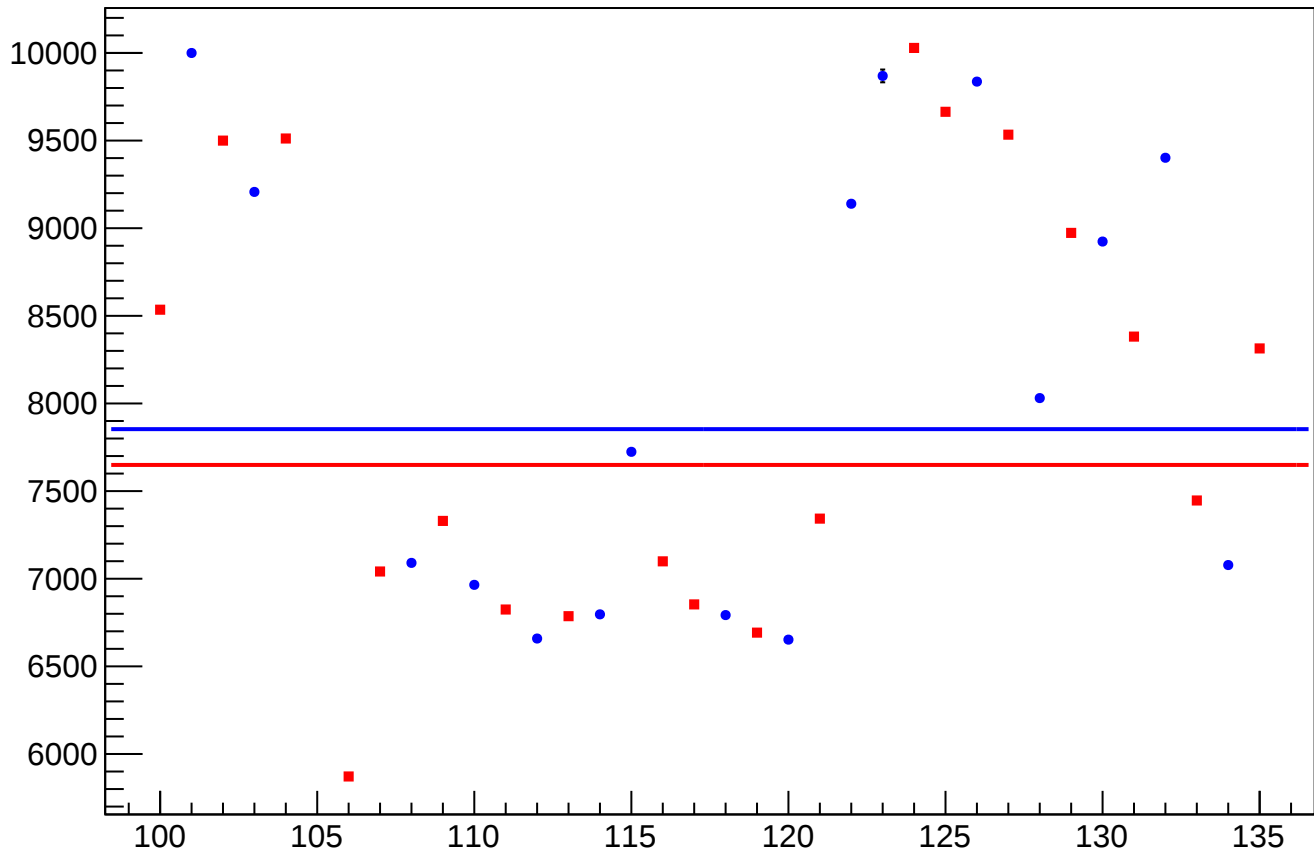
Right Out: -8.972+/-2.929 χ^2 /NDF: 27.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

21.970+/-3.279 χ^2 /NDF: 48.2/15

-8.972+/-2.929 χ^2 /NDF: 27.5/18

diff_bpm0l08X_rms vs Slug



Right In: 7853.503+/-2.319 χ^2/NDF : 272935.4/15

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

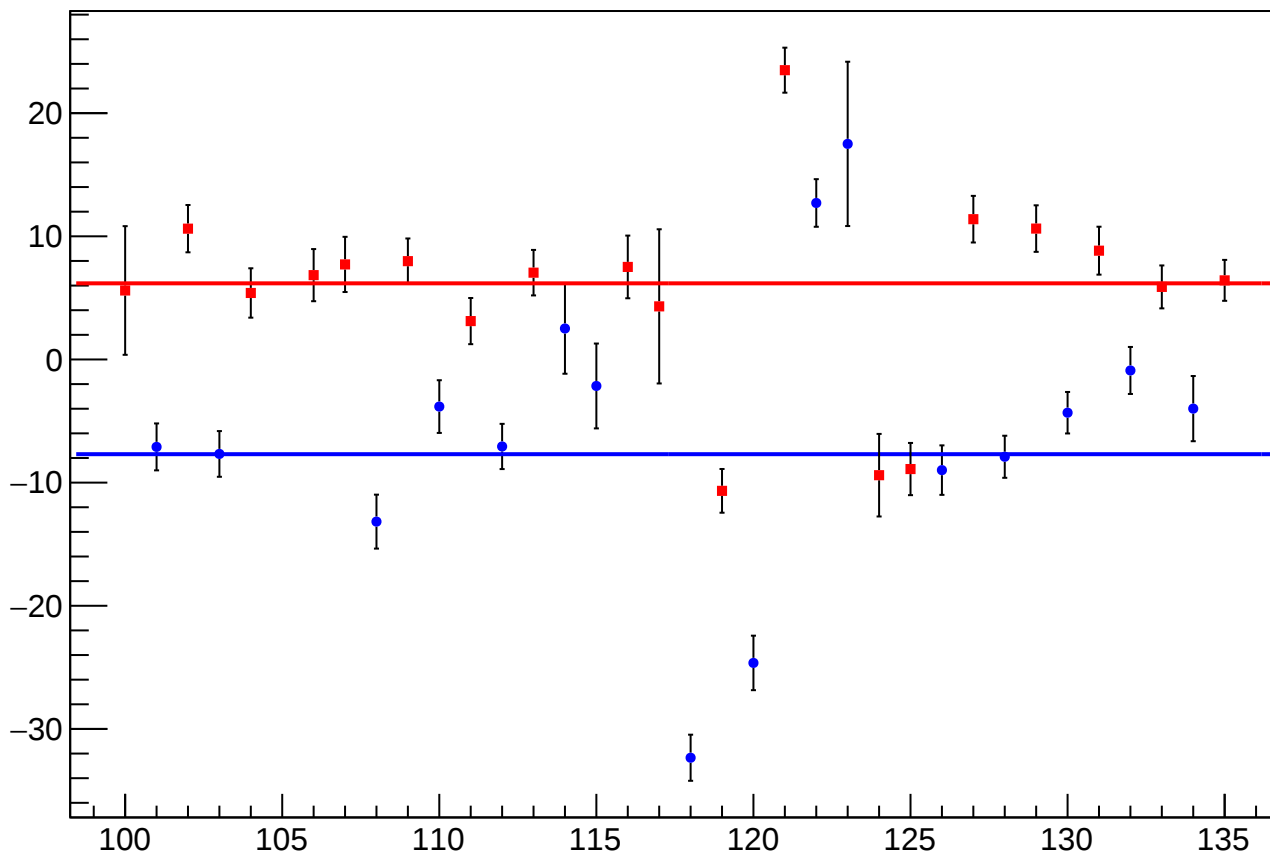
Right Out: 7649.288+/-2.071 χ^2/NDF : 306910.2/18

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

7853.503+/-2.319 χ^2/NDF : 272935.4/15

7649.288+/-2.071 χ^2/NDF : 306910.2/18

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

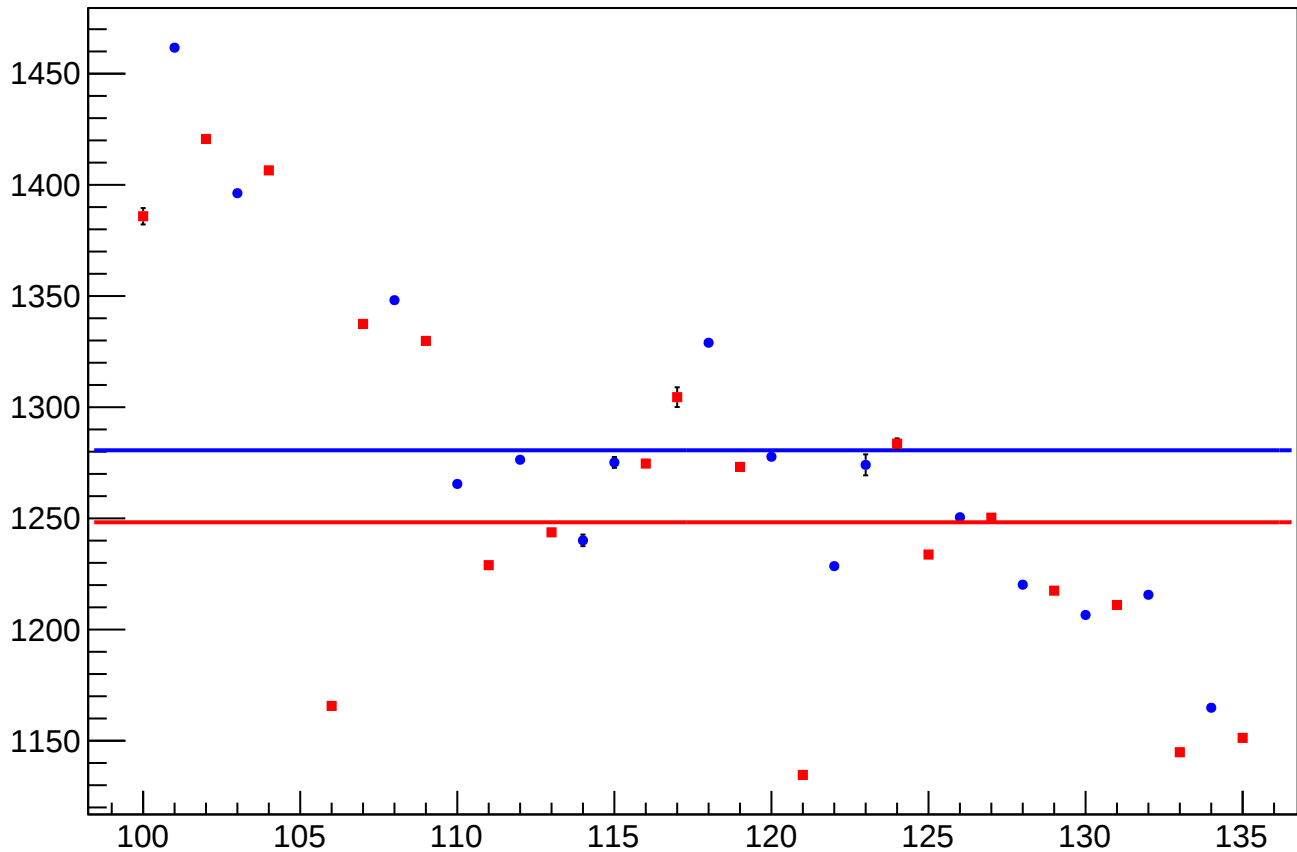
Right Out: 6.182 ± 0.473 χ^2/NDF : 277.3/18

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

-7.691 ± 0.528 χ^2/NDF : 396.7/15

6.182 ± 0.473 χ^2/NDF : 277.3/18

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

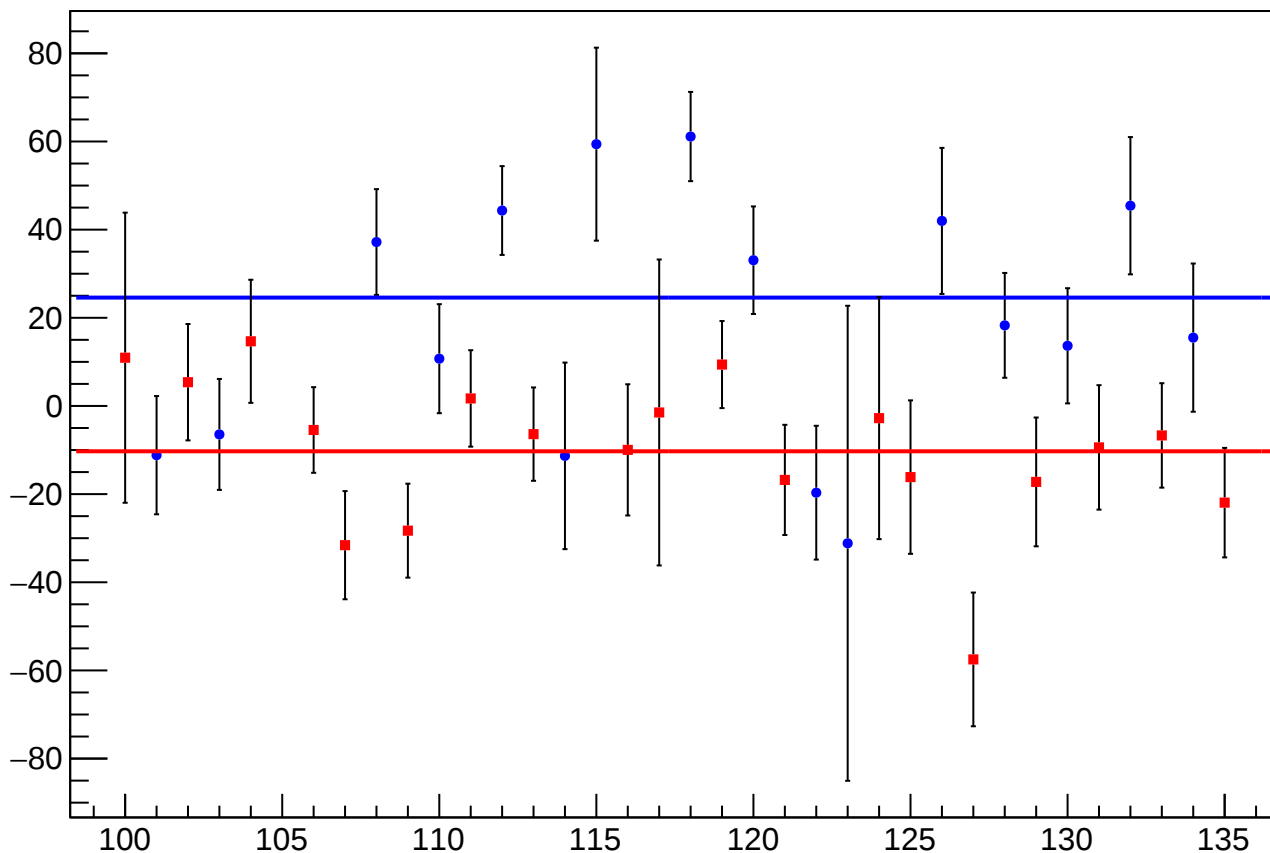
Right Out: 1248.250 $\pm$ 0.334 χ^2 /NDF: 64264.9/18

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

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

1248.250 $\pm$ 0.334 χ^2 /NDF: 64264.9/18

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

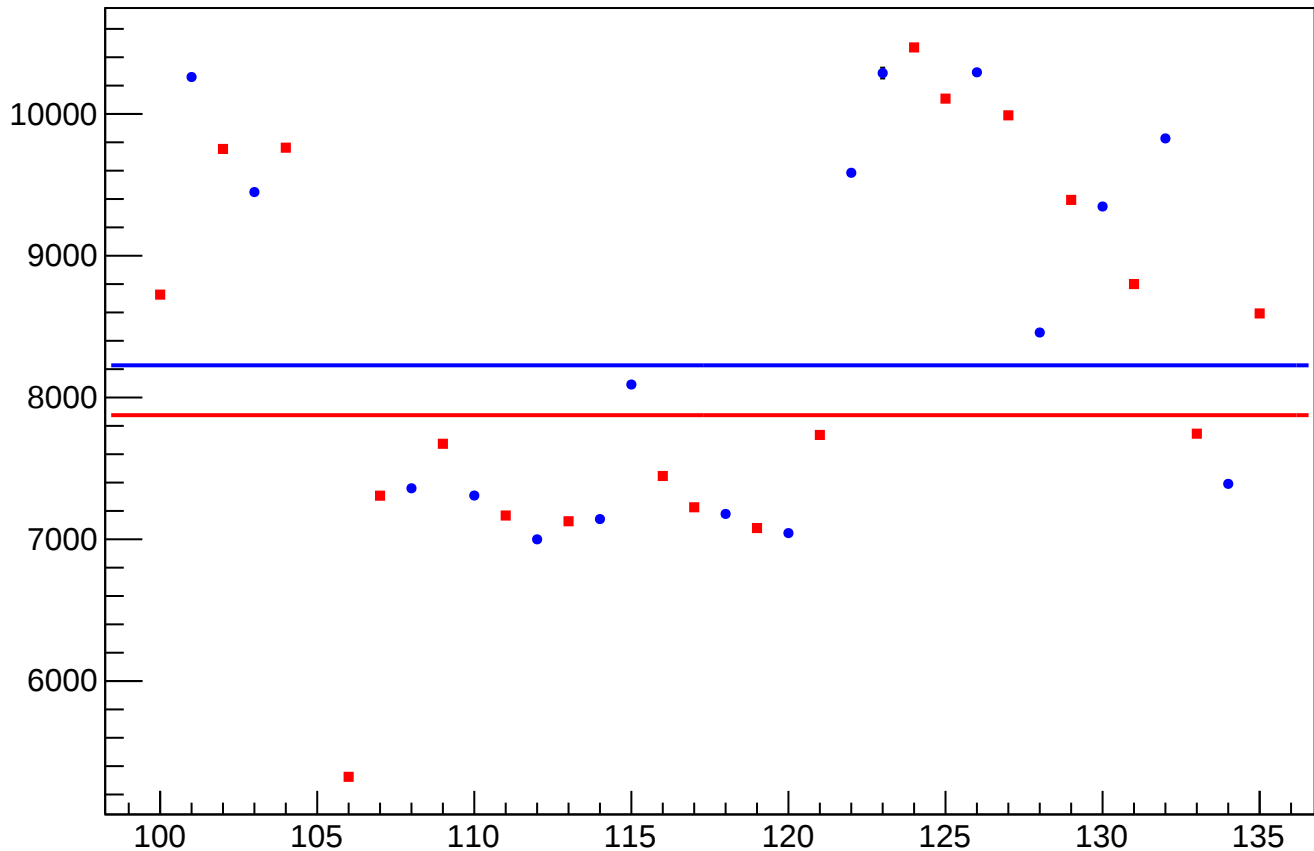
Right Out: -10.285+/-3.023 χ^2 /NDF: 27.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

24.584+/-3.431 χ^2 /NDF: 52.1/15

-10.285+/-3.023 χ^2 /NDF: 27.9/18

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

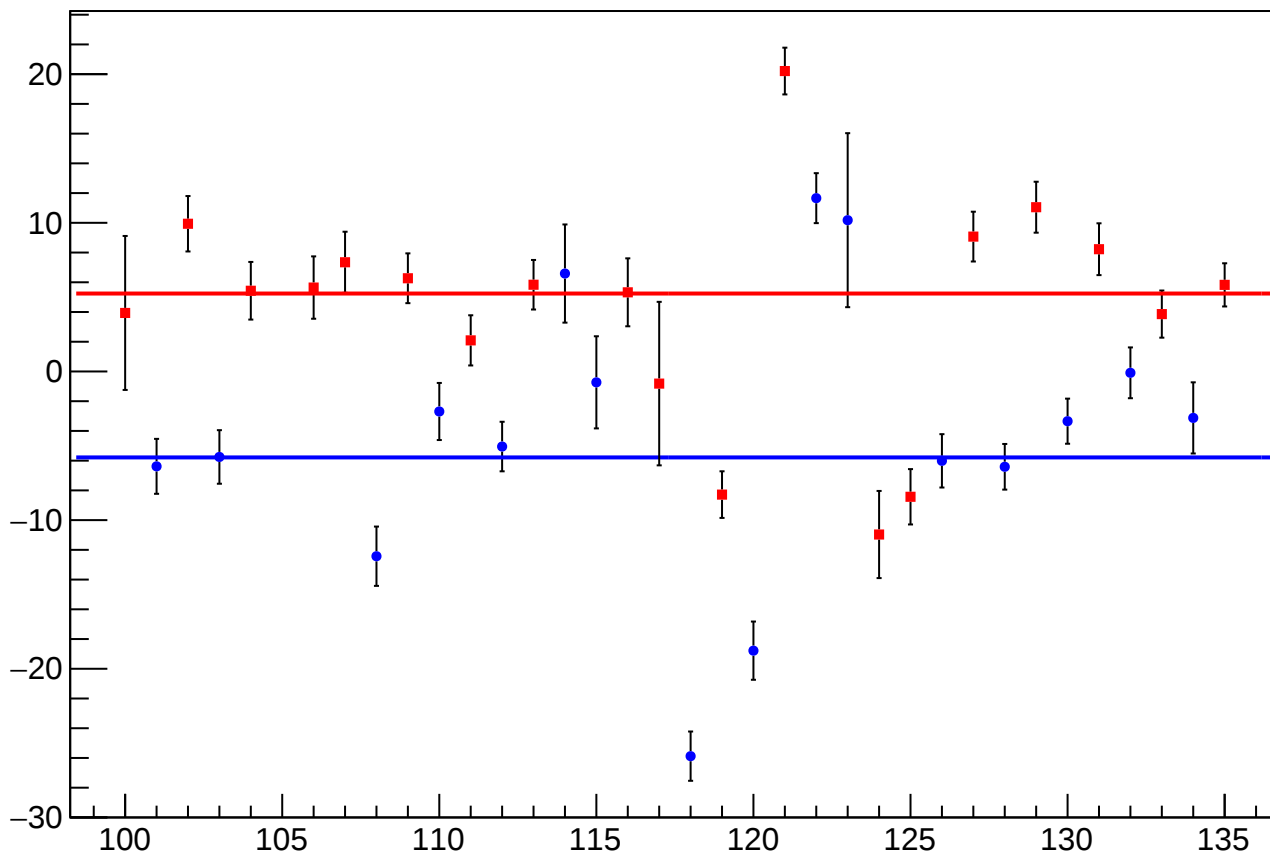
8227.065 $\pm$ 2.426 χ^2 /NDF: 253194.0/15

Right Out: 7875.514 $\pm$ 2.138 χ^2 /NDF: 381970.3/18

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

7875.514 $\pm$ 2.138 χ^2 /NDF: 381970.3/18

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

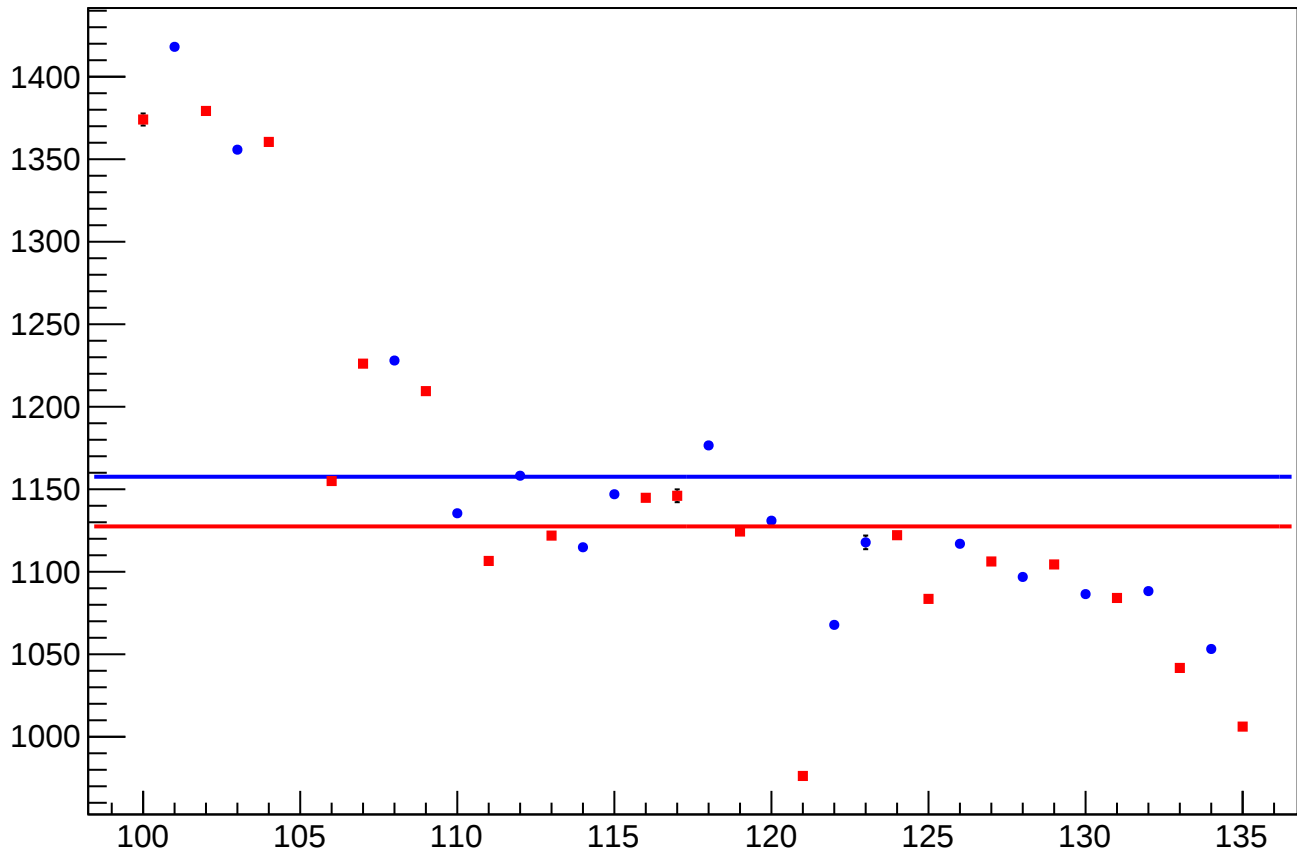
Right Out: 5.243+/-0.428 χ^2/NDF : 282.8/18

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

-5.782+/-0.478 χ^2/NDF : 351.9/15

5.243+/-0.428 χ^2/NDF : 282.8/18

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

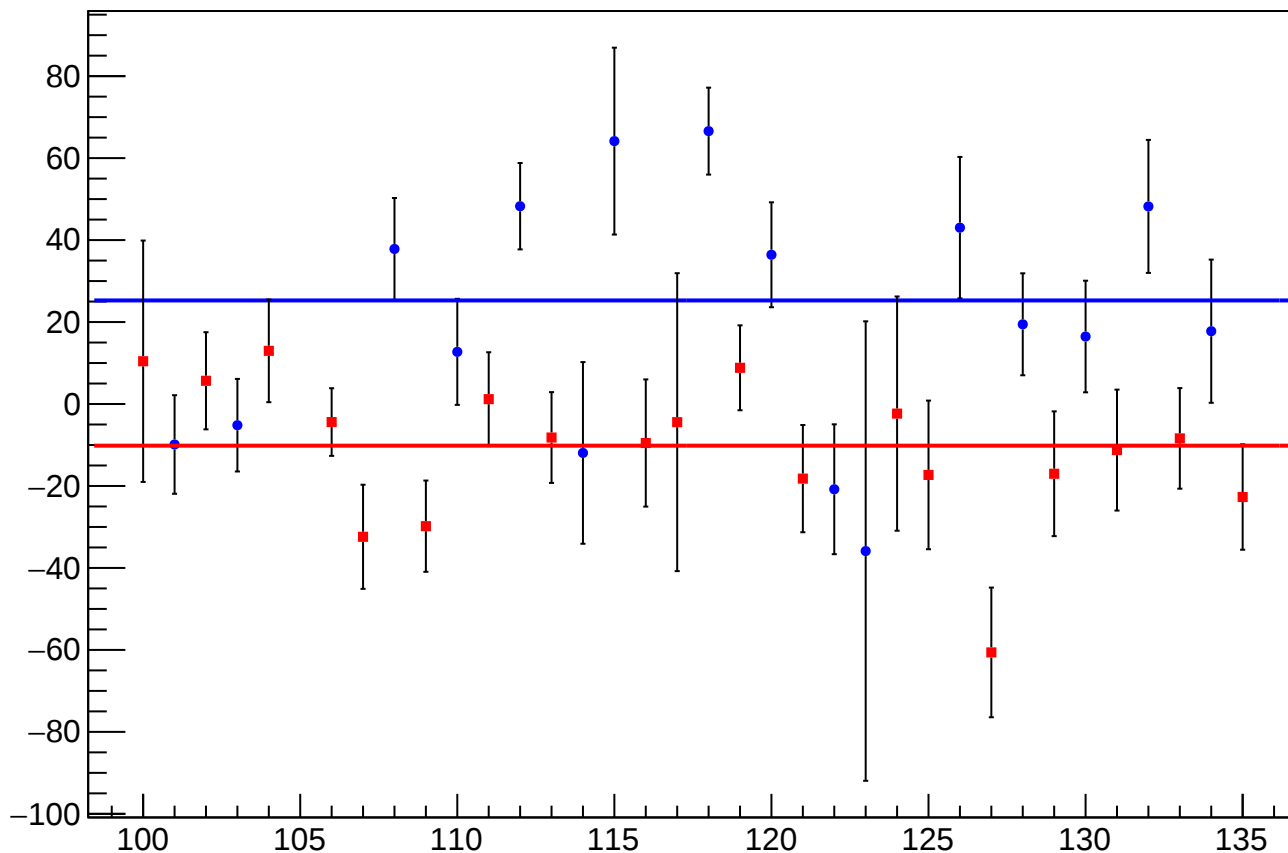
Right Out: 1127.482 $\pm$ 0.303 χ^2 /NDF: 121449.8/18

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

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

1127.482 $\pm$ 0.303 χ^2 /NDF: 121449.8/18

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

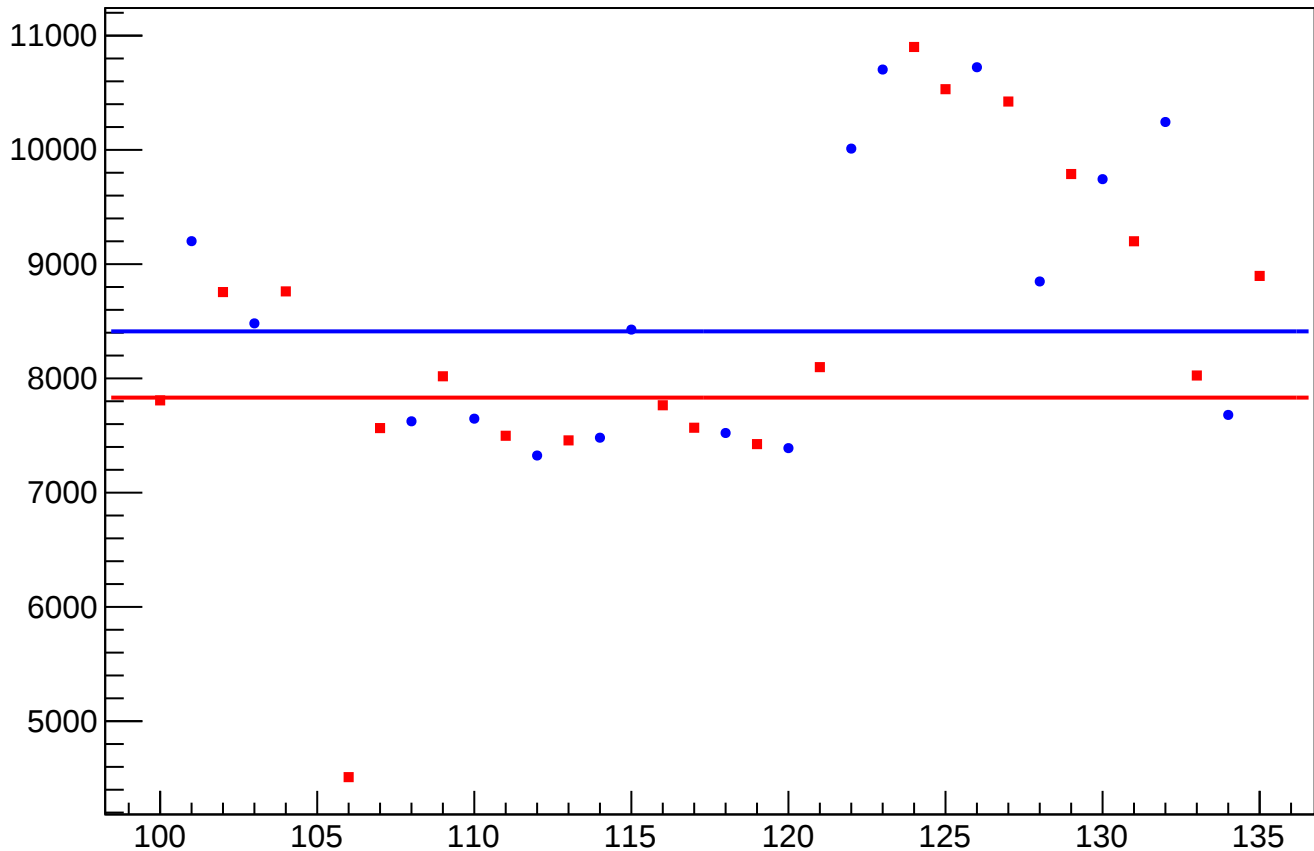
Right Out: -10.163+/-3.025 χ^2/NDF : 28.7/18

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

25.271+/-3.498 χ^2/NDF : 57.7/15

-10.163+/-3.025 χ^2/NDF : 28.7/18

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

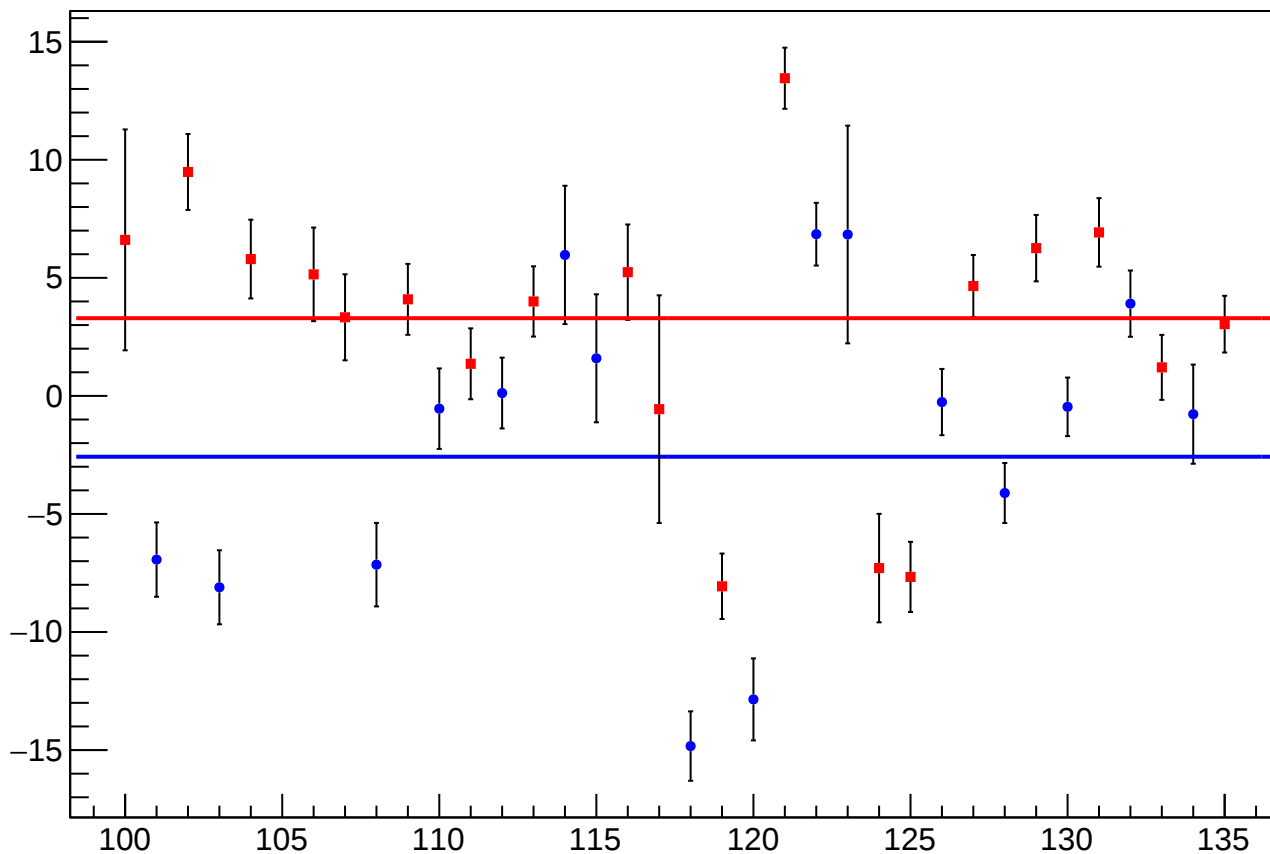
8411.680 $\pm$ 2.473 χ^2 /NDF: 185507.6/15

Right Out: 7831.918 $\pm$ 2.139 χ^2 /NDF: 542220.8/18

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

7831.918 $\pm$ 2.139 χ^2 /NDF: 542220.8/18

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

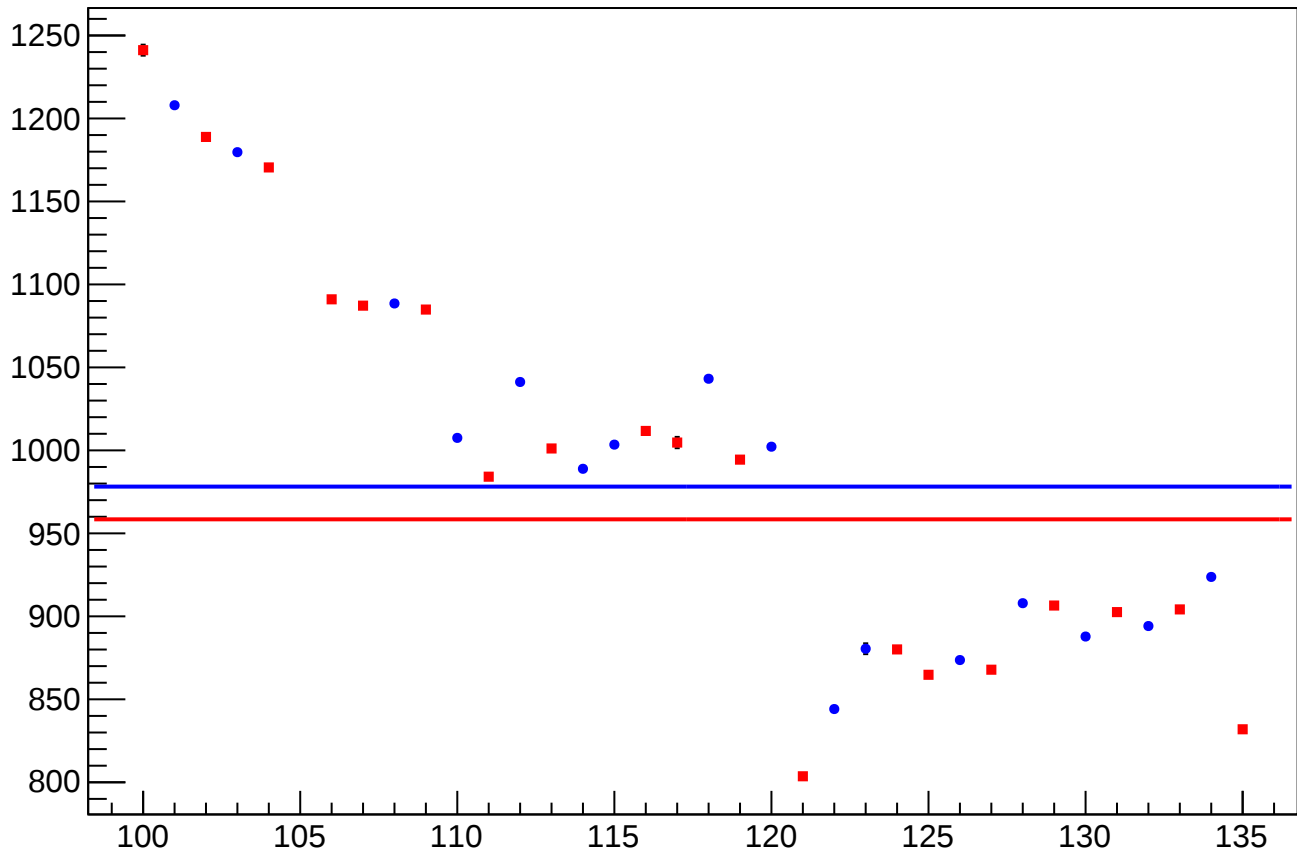
Right Out: 3.291+/-0.365 χ^2/NDF : 240.7/18

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

-2.576+/-0.405 χ^2/NDF : 230.5/15

3.291+/-0.365 χ^2/NDF : 240.7/18

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

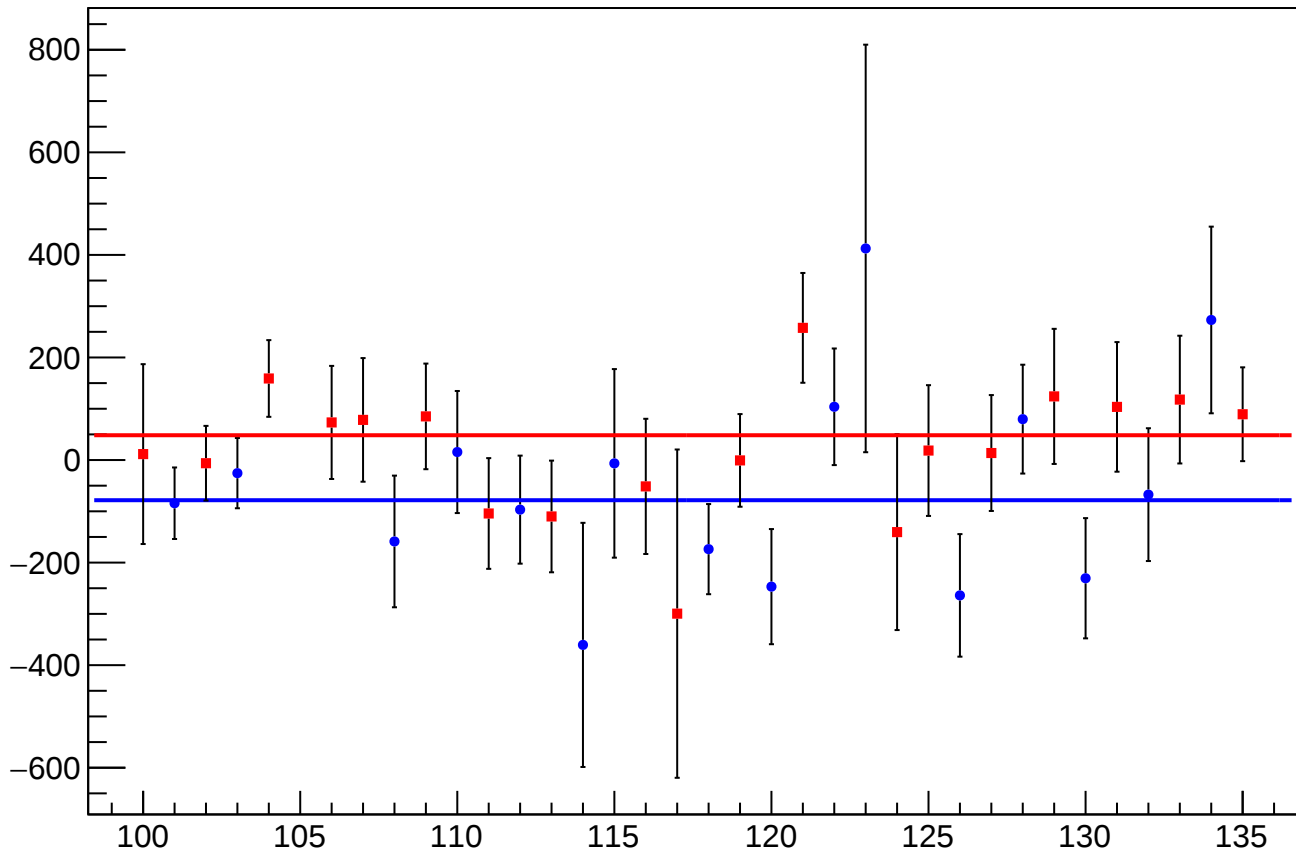
978.173+/-0.286 χ^2/NDF : 149671.3/15

Right Out: 958.450+/-0.258 χ^2/NDF : 198418.0/18

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

958.450+/-0.258 χ^2/NDF : 198418.0/18

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

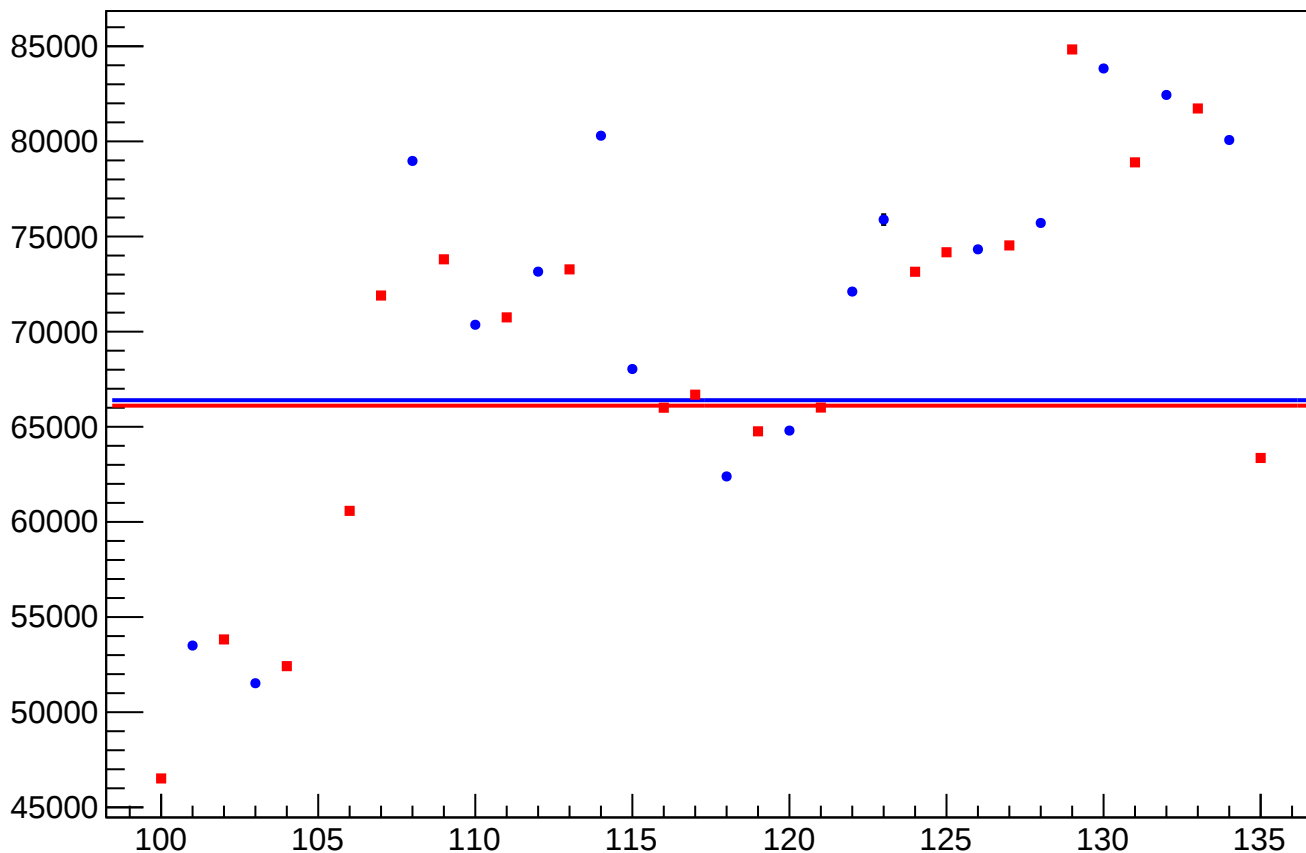
Right Out: 48.362+/-25.286 χ^2 /NDF: 15.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-78.345+/-27.721 χ^2 /NDF: 20.8/15

48.362+/-25.286 χ^2 /NDF: 15.2/18

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

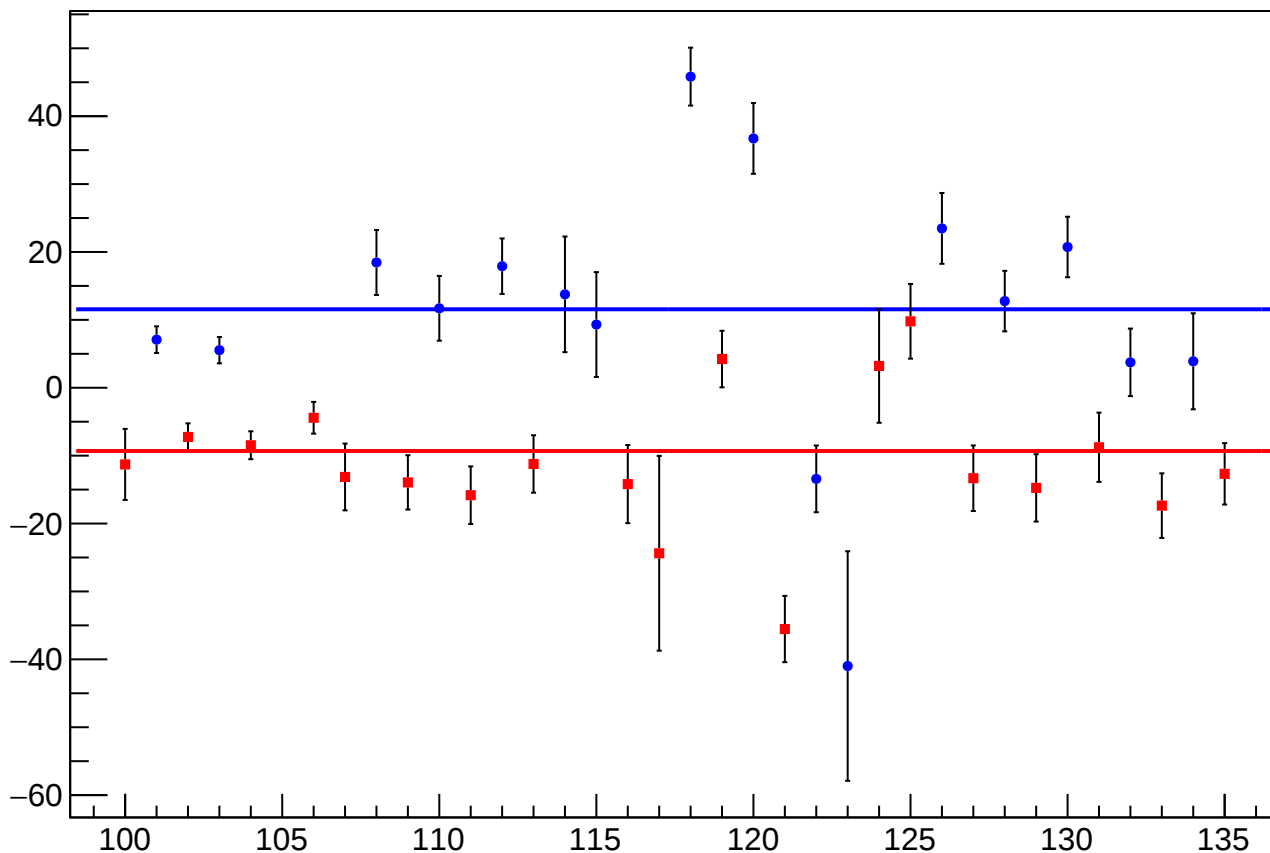
Right Out: 66110.919 $\pm$ 17.880 χ^2 /NDF: 298491.7/18

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

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

66110.919 $\pm$ 17.880 χ^2 /NDF: 298491.7/18

diff_bpm0r03Y_mean vs Slug



Right In: 11.558+/-0.981 χ^2/NDF : 156.0/15

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

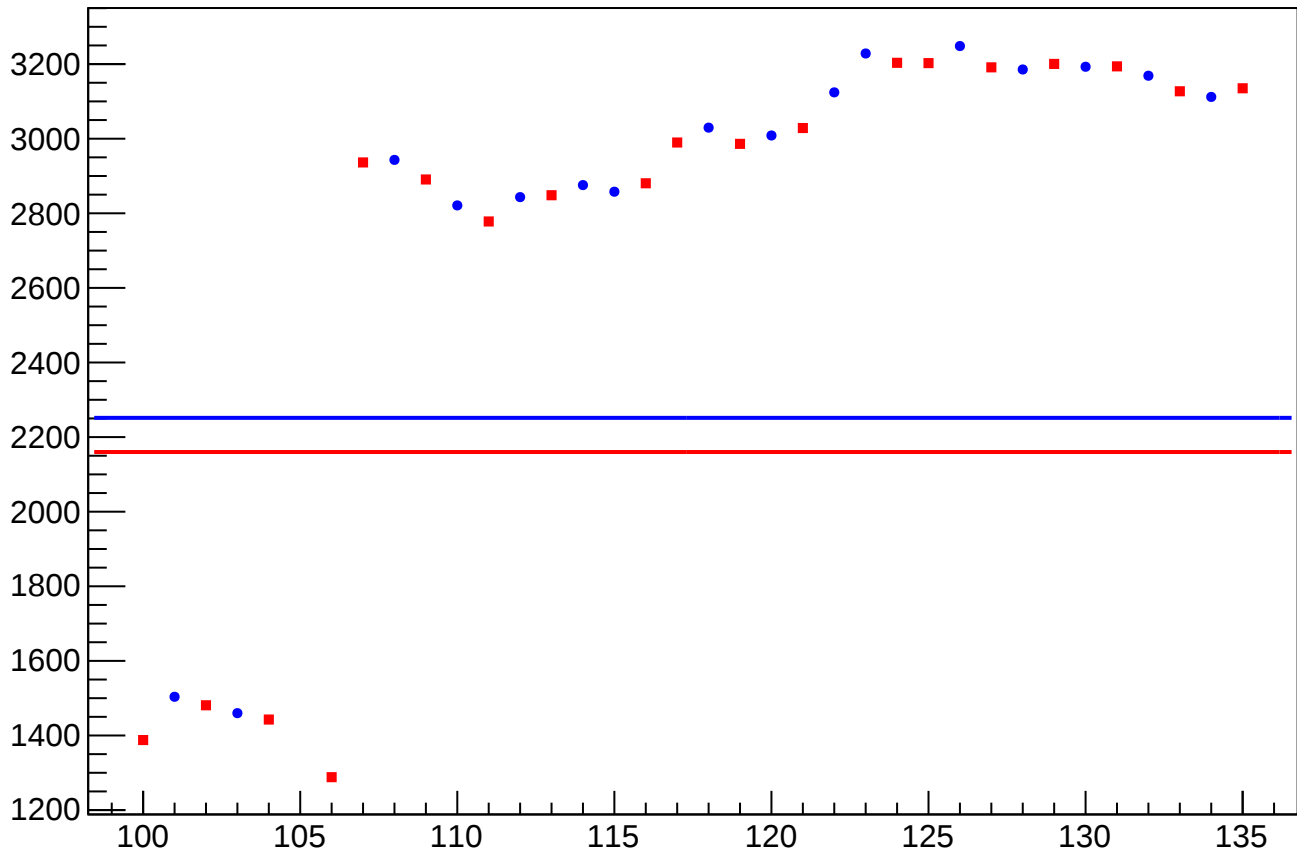
Right Out: -9.314+/-0.871 χ^2/NDF : 71.2/18

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

11.558+/-0.981 χ^2/NDF : 156.0/15

-9.314+/-0.871 χ^2/NDF : 71.2/18

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

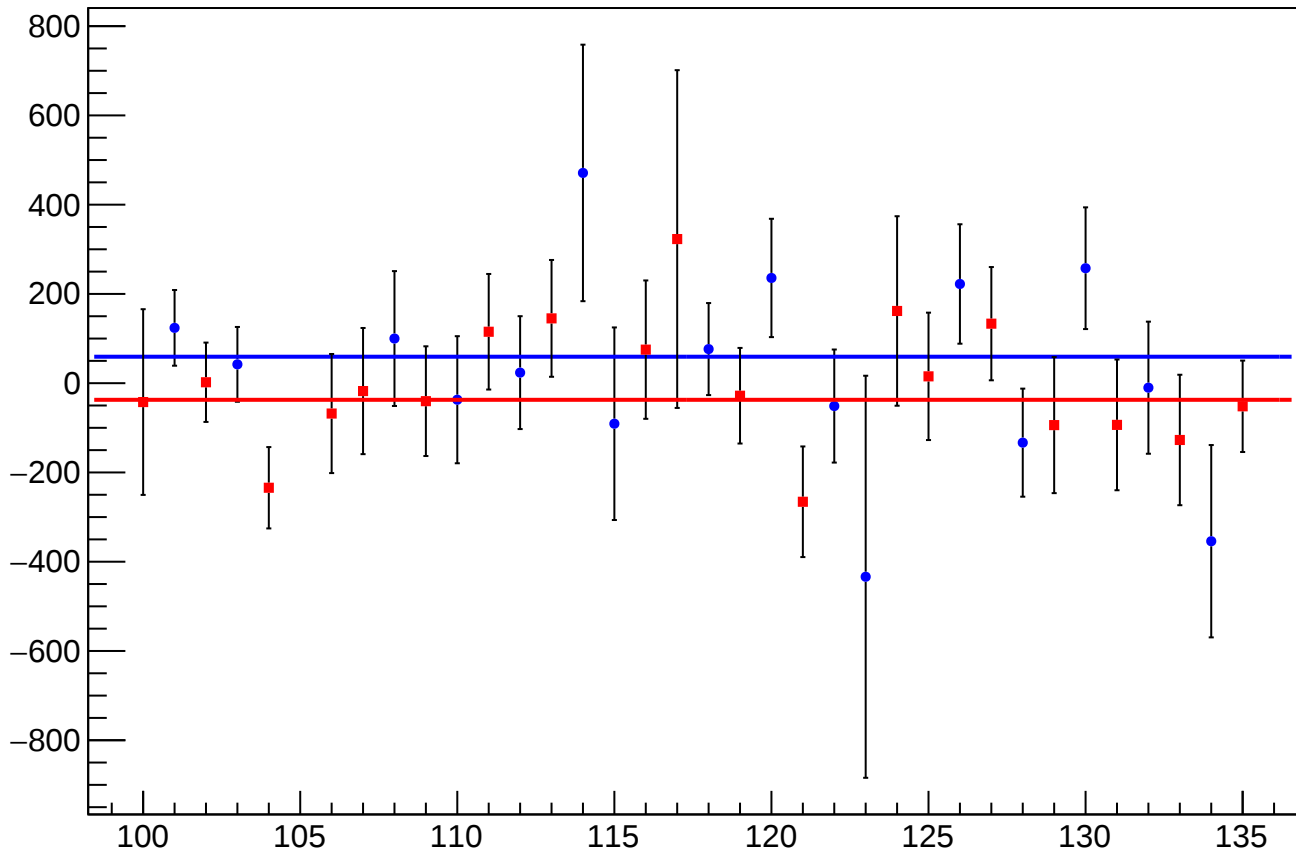
2251.604 $\pm$ 0.694 χ^2 /NDF: 1285656.3/15

Right Out: 2159.988 $\pm$ 0.616 χ^2 /NDF: 1726447.6/18

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

2159.988 $\pm$ 0.616 χ^2 /NDF: 1726447.6/18

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

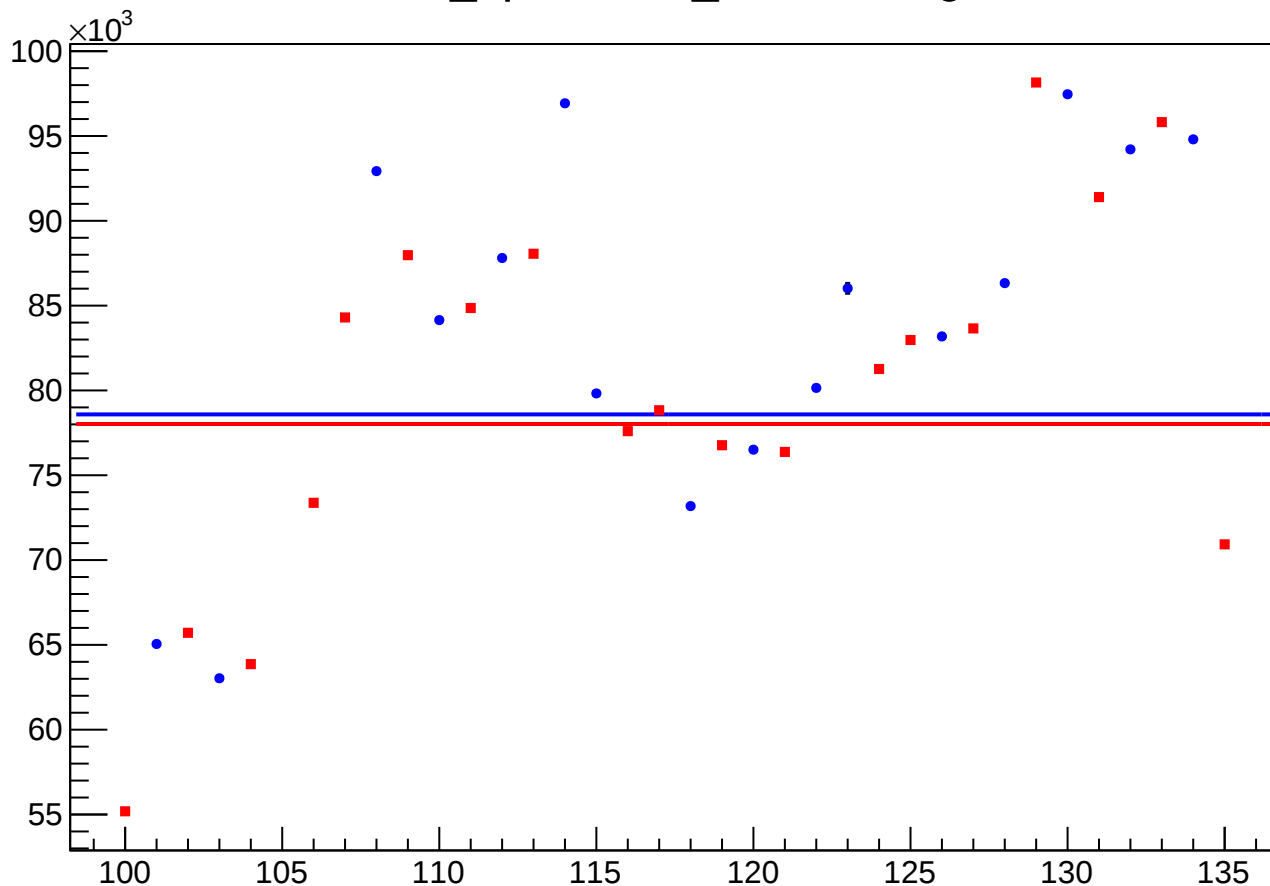
Right Out: -37.245+/-29.793 χ^2/NDF : 16.6/18

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

59.318+/-32.720 χ^2/NDF : 17.6/15

-37.245+/-29.793 χ^2/NDF : 16.6/18

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

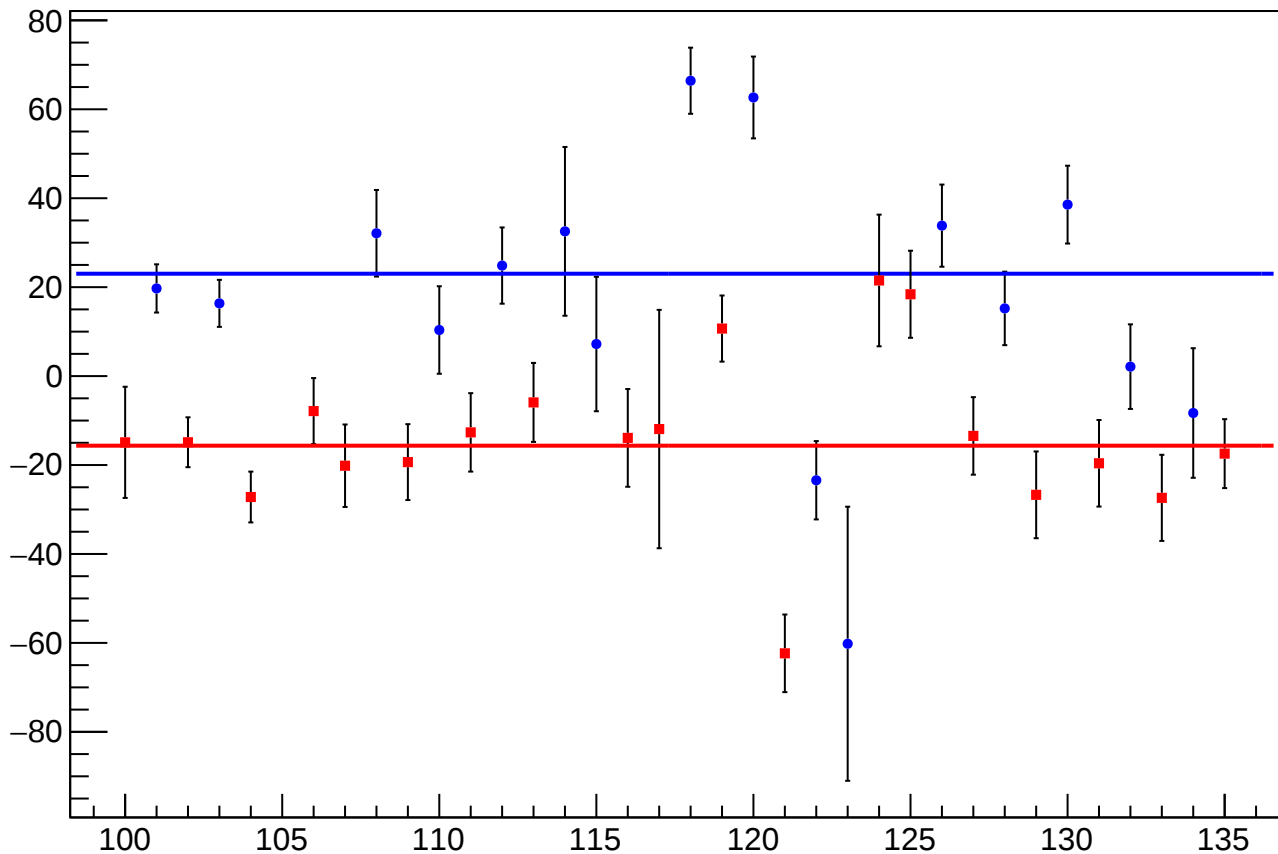
Right Out: 78020.979 $\pm$ 21.067 χ^2/NDF : 245829.8/18

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

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

78020.979 $\pm$ 21.067 χ^2/NDF : 245829.8/18

diff_bpm0r05Y_mean vs Slug



Right In: 23.023+/-2.180 χ^2 /NDF: 108.5/15

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

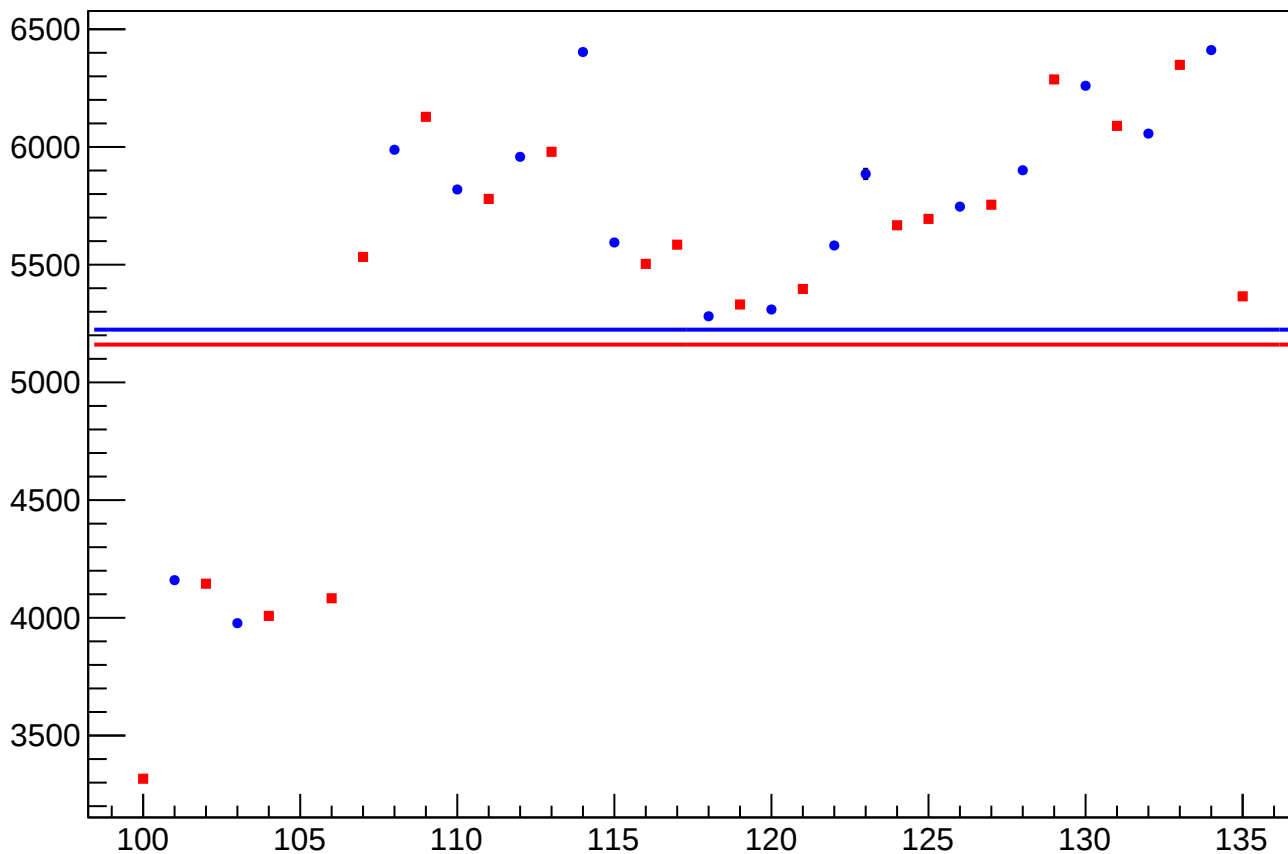
Right Out: -15.648+/-1.979 χ^2 /NDF: 69.6/18

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

23.023+/-2.180 χ^2 /NDF: 108.5/15

-15.648+/-1.979 χ^2 /NDF: 69.6/18

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

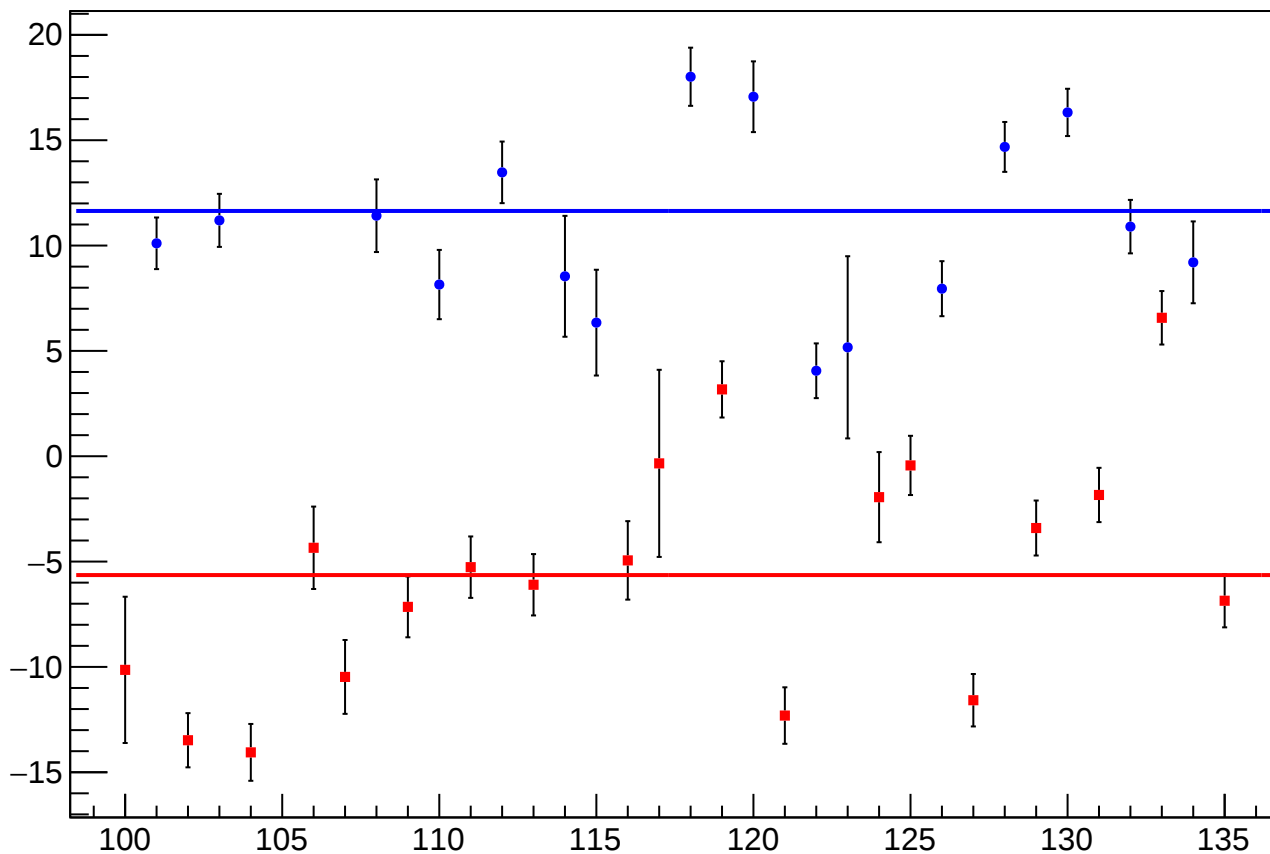
Right Out: 5160.601+/-1.399 χ^2/NDF : 387412.1/18

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

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

5160.601+/-1.399 χ^2/NDF : 387412.1/18

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

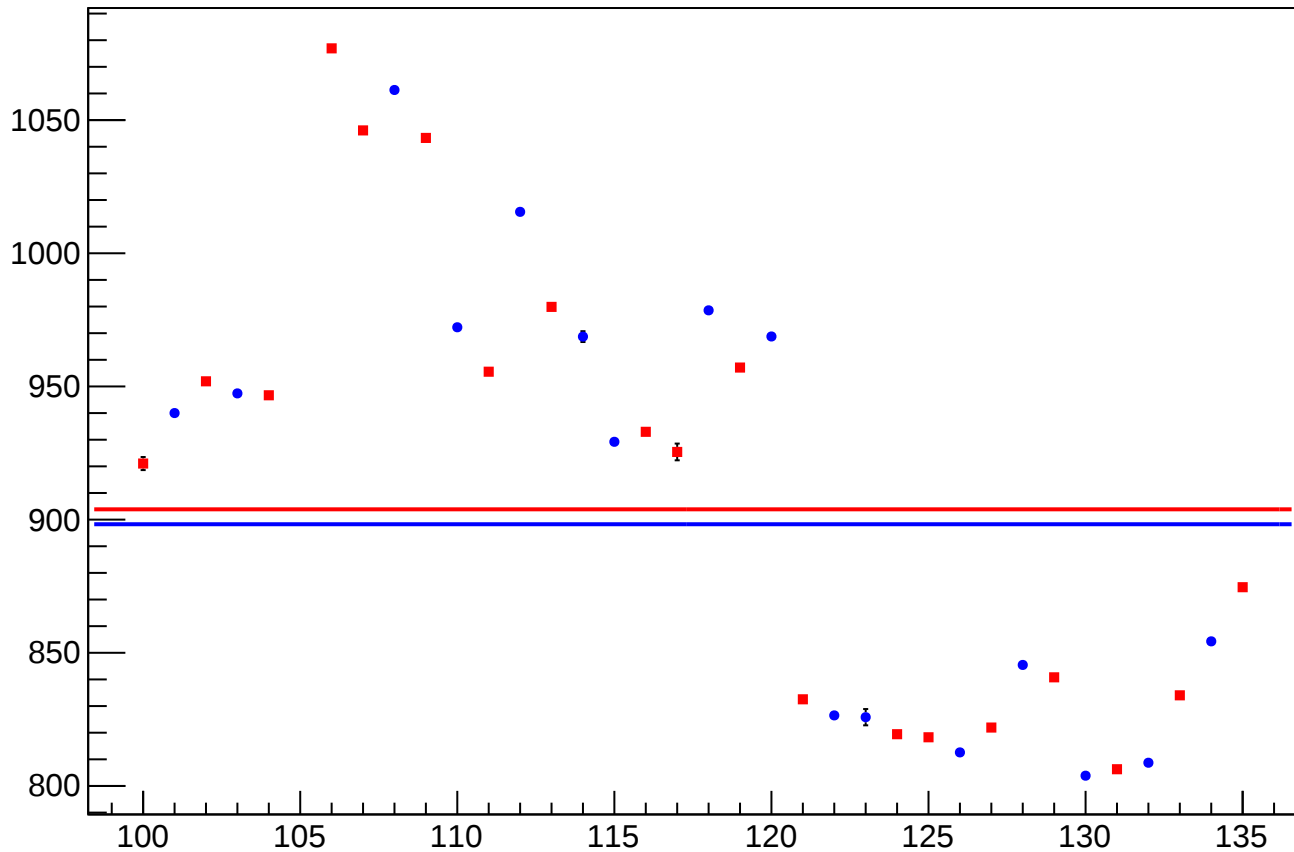
Right Out: -5.641 $\pm$ 0.343 χ^2 /NDF: 301.5/18

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

11.642 $\pm$ 0.371 χ^2 /NDF: 115.3/15

-5.641 $\pm$ 0.343 χ^2 /NDF: 301.5/18

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

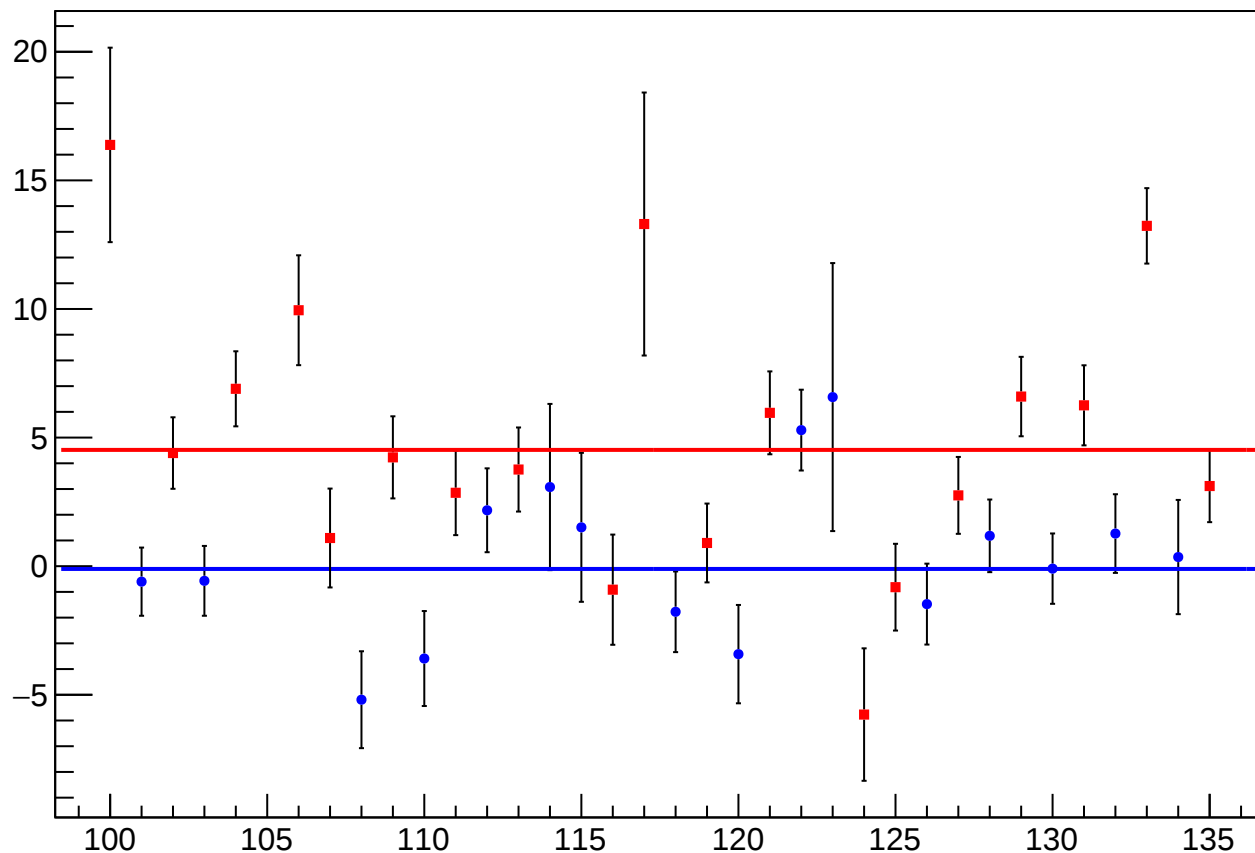
Right Out: 903.865 $\pm$ 0.242 χ^2 /NDF: 112128.4/18

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

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

903.865 $\pm$ 0.242 χ^2 /NDF: 112128.4/18

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

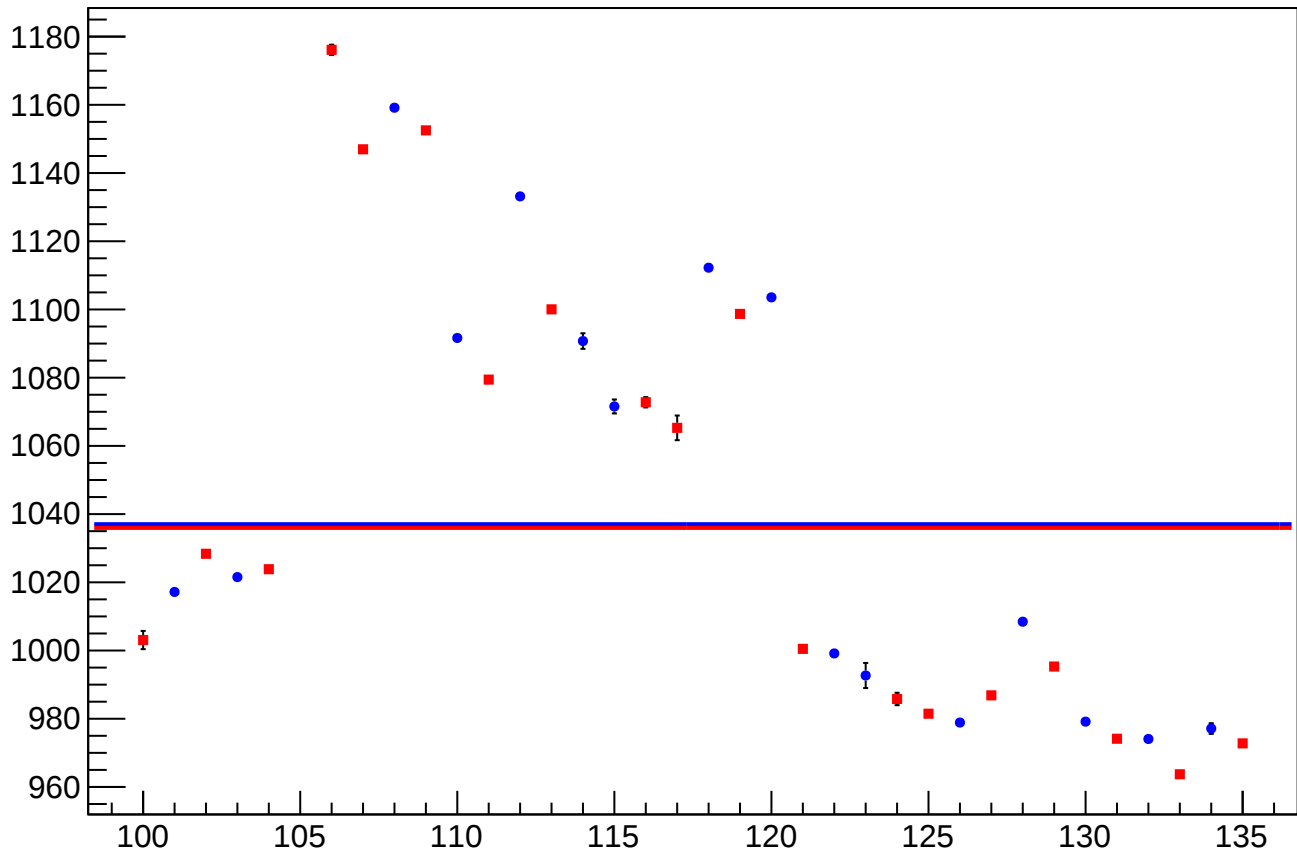
Right Out: 4.521 ± 0.392 χ^2/NDF : 105.9/18

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

-0.107 ± 0.428 χ^2/NDF : 34.4/15

4.521 ± 0.392 χ^2/NDF : 105.9/18

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

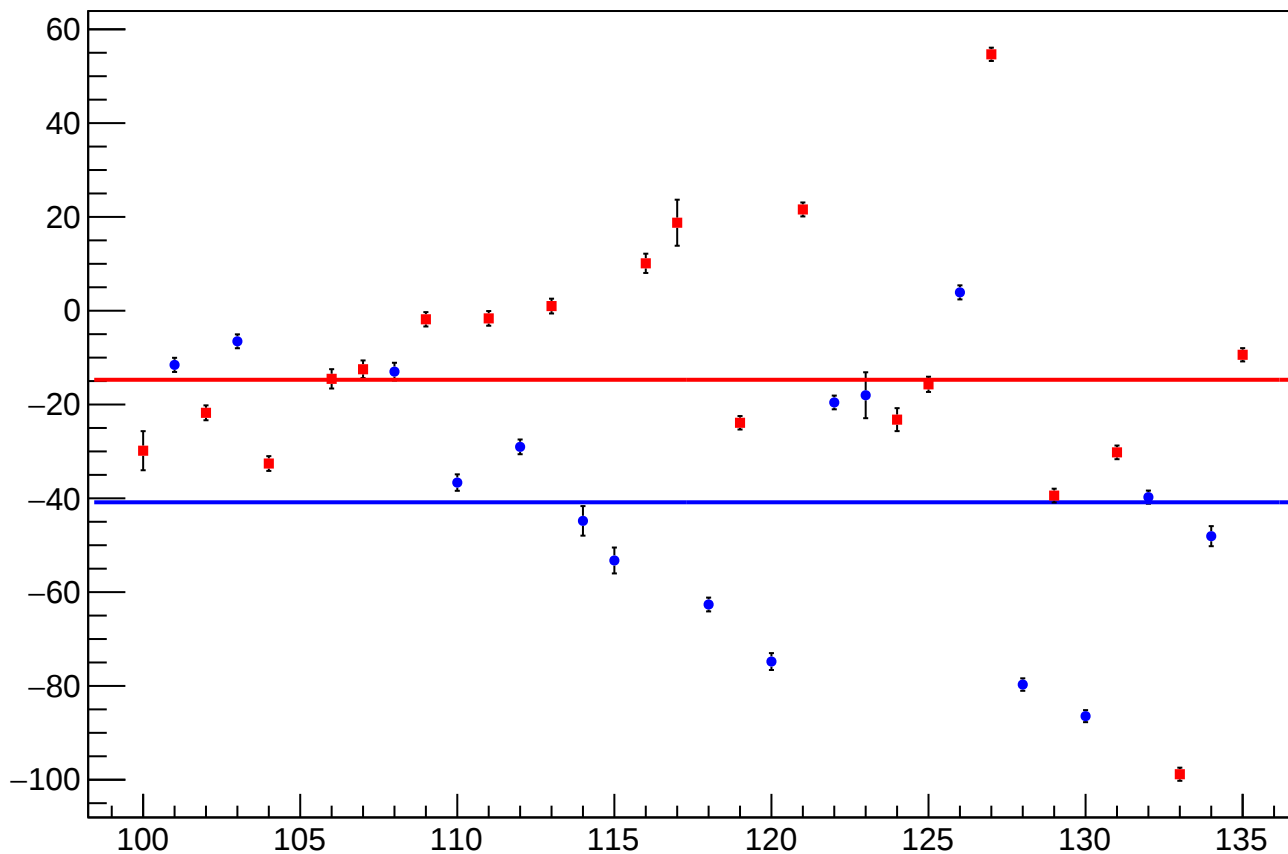
Right Out: 1035.952 $\pm$ 0.277 χ^2 /NDF: 54186.6/18

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

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

1035.952 $\pm$ 0.277 χ^2 /NDF: 54186.6/18

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

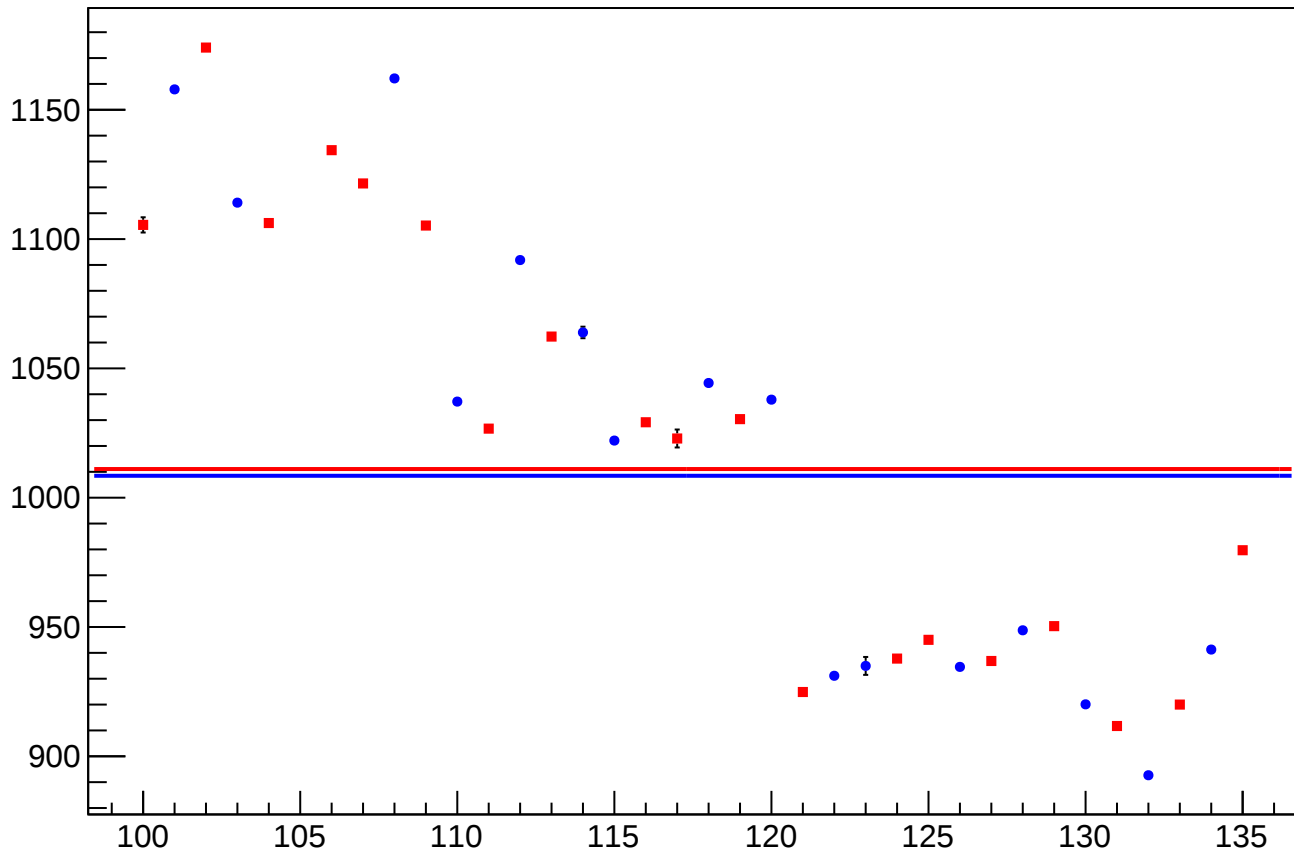
Right Out: -14.724 ± 0.383 χ^2/NDF : 7653.0/18

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

-40.846 ± 0.417 χ^2/NDF : 5040.3/15

-14.724 ± 0.383 χ^2/NDF : 7653.0/18

diff_bpm2i02X_rms vs Slug



Right In: 1008.474+/-0.295 χ^2/NDF : 91620.1/15

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

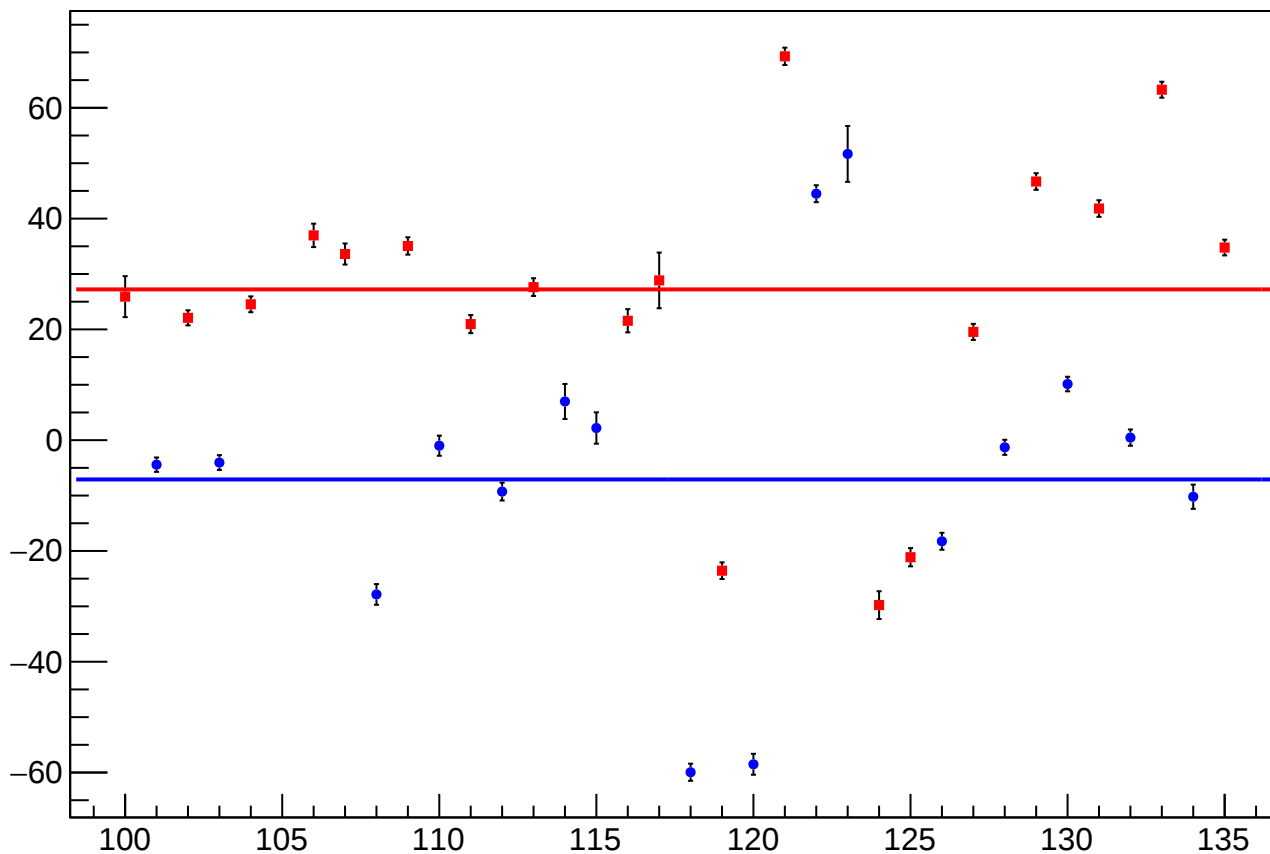
Right Out: 1011.083+/-0.271 χ^2/NDF : 93295.8/18

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

1008.474+/-0.295 χ^2/NDF : 91620.1/15

1011.083+/-0.271 χ^2/NDF : 93295.8/18

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

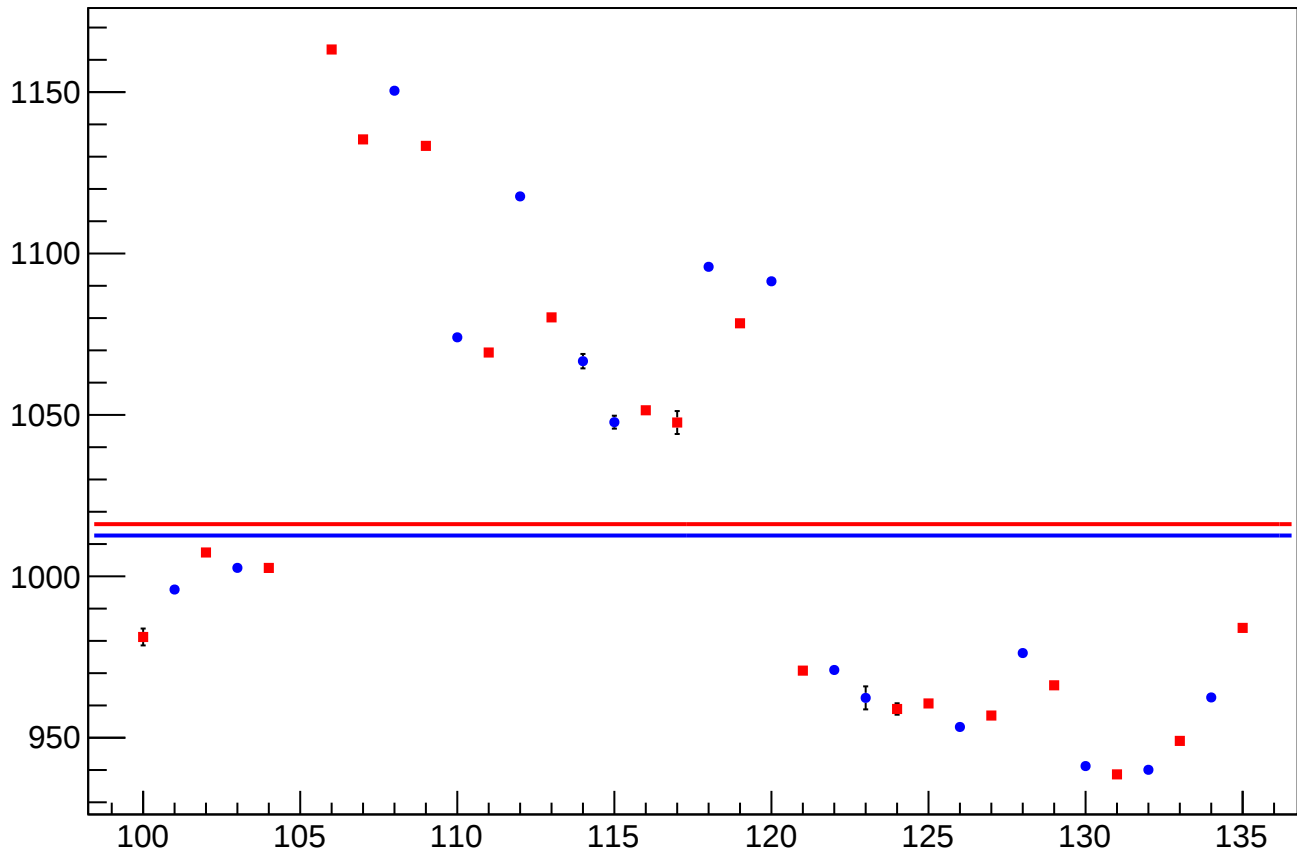
Right Out: 27.219 ± 0.385 χ^2/NDF : 4281.8/18

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

-7.091 ± 0.418 χ^2/NDF : 3636.3/15

27.219 ± 0.385 χ^2/NDF : 4281.8/18

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

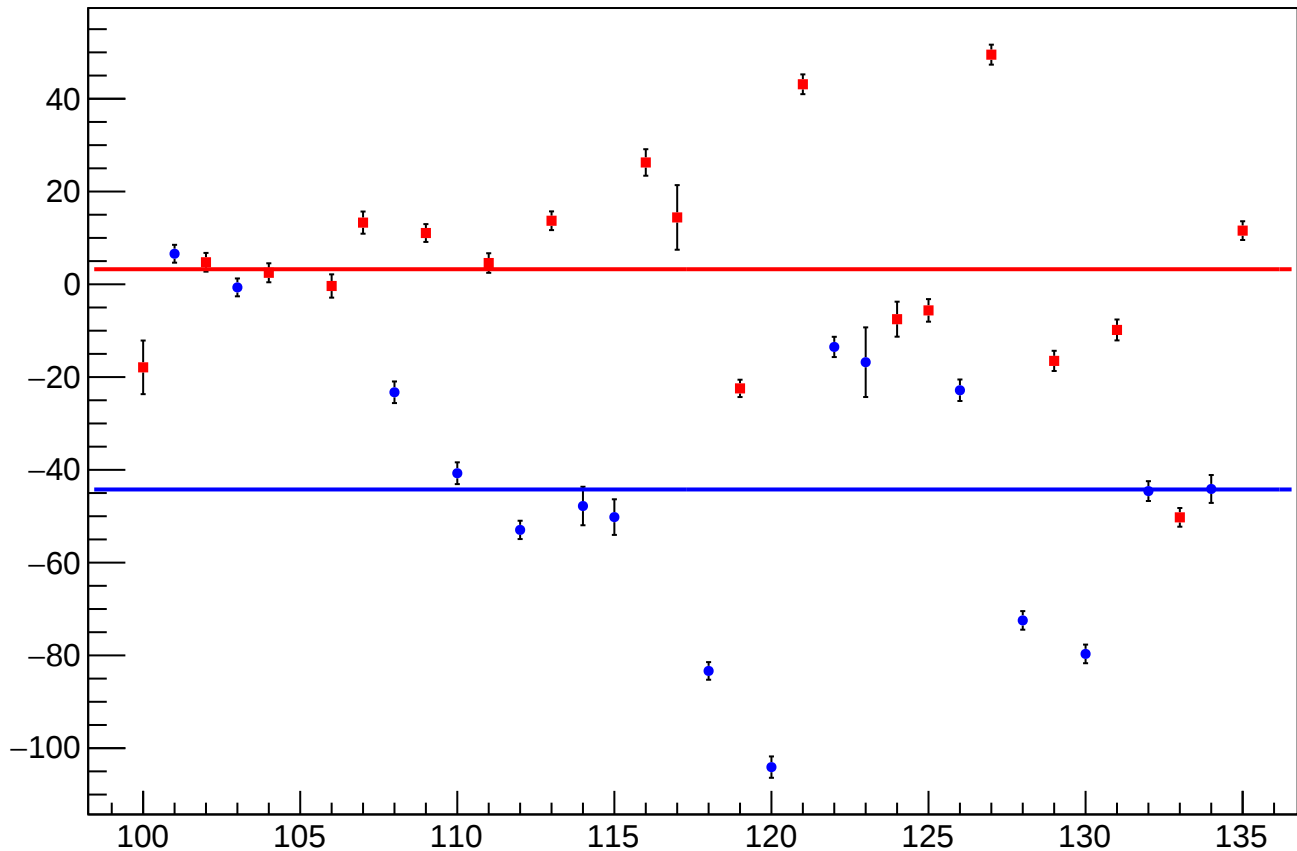
Right Out: 1016.162 $\pm$ 0.272 χ^2 /NDF: 59767.9/18

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

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

1016.162 $\pm$ 0.272 χ^2 /NDF: 59767.9/18

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

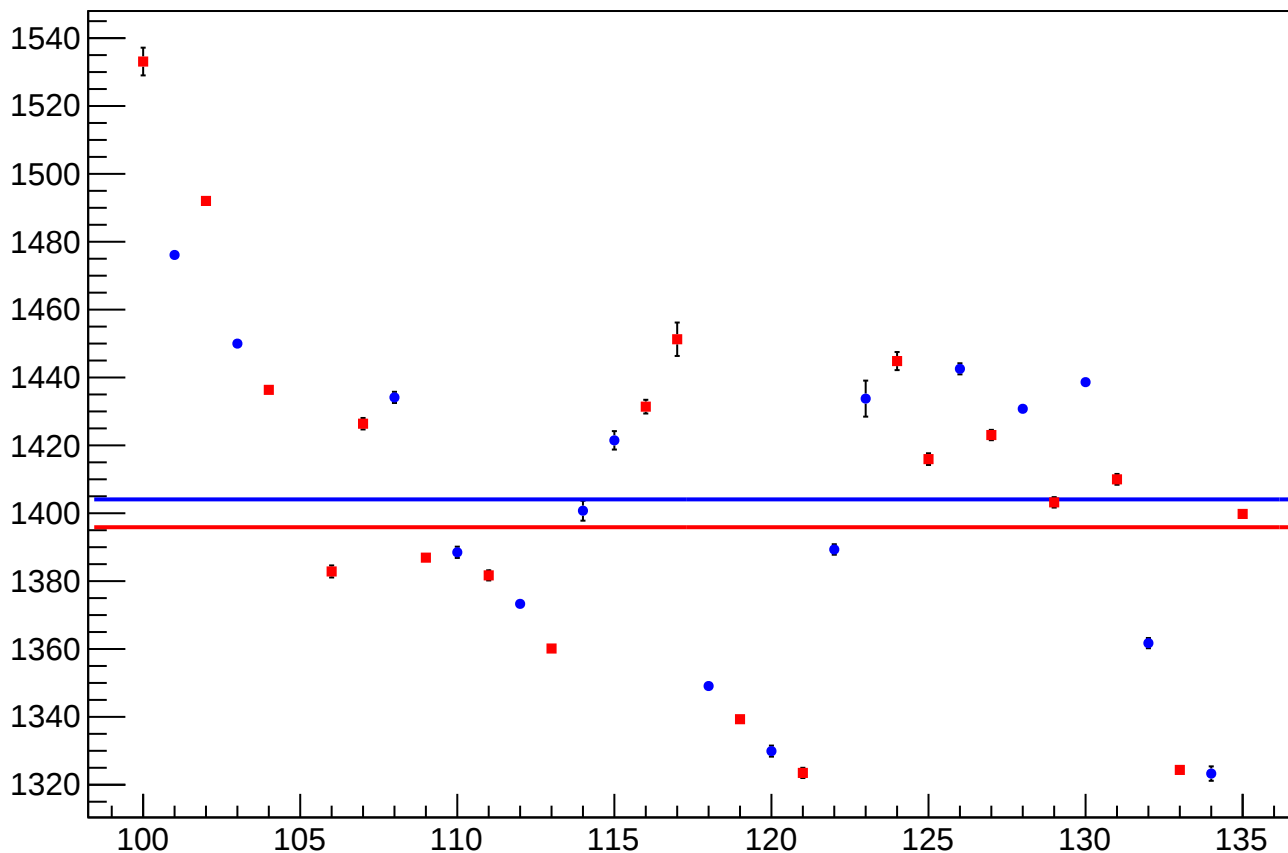
Right Out: 3.250 ± 0.528 χ^2/NDF : 2004.4/18

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

-44.230 ± 0.578 χ^2/NDF : 3221.2/15

3.250 ± 0.528 χ^2/NDF : 2004.4/18

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

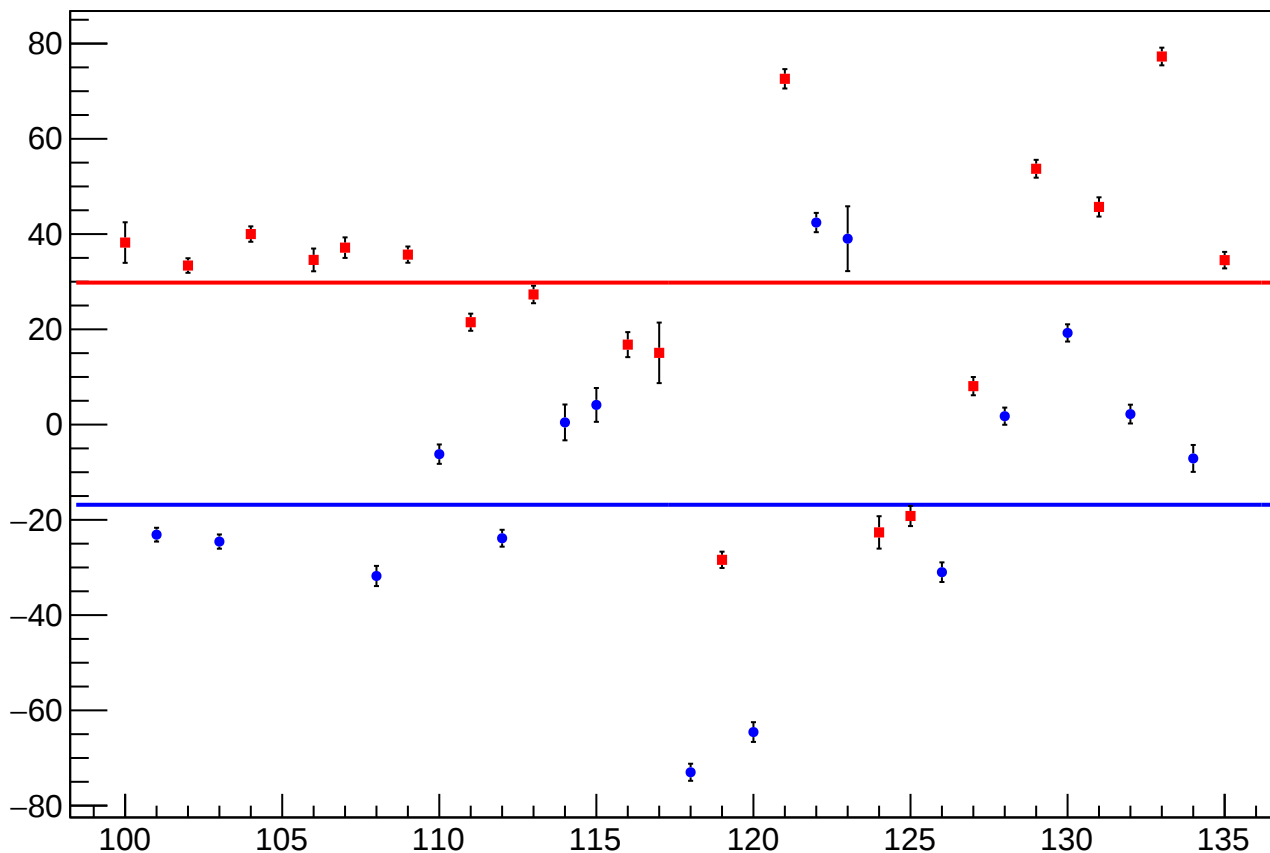
Right Out: 1395.883+/-0.373 χ^2 /NDF: 15591.8/18

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

1404.083+/-0.409 χ^2 /NDF: 12491.5/15

1395.883+/-0.373 χ^2 /NDF: 15591.8/18

diff_bpm0i02Y_mean vs Slug



Right In: -16.834+/-0.507 χ^2/NDF : 3283.8/15

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

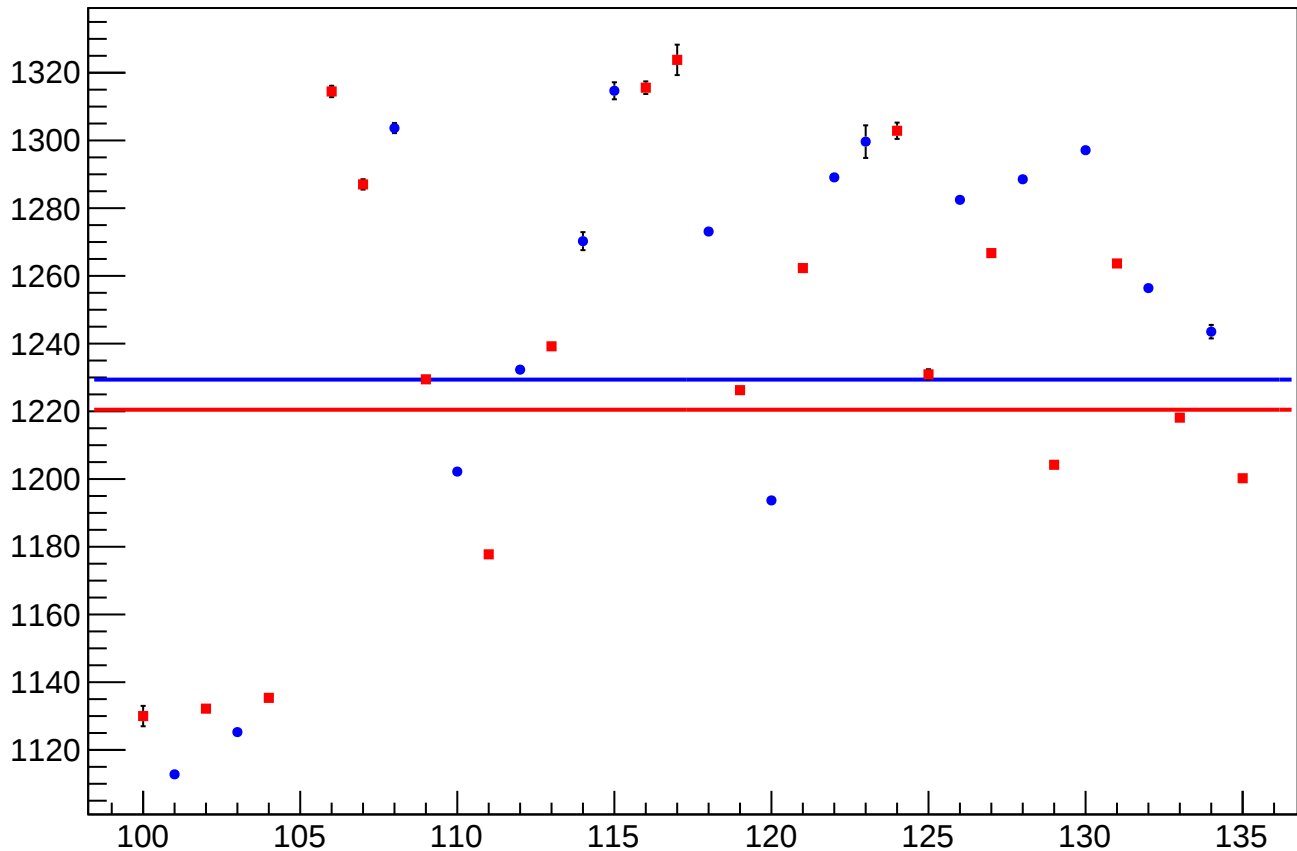
Right Out: 29.811+/-0.462 χ^2/NDF : 3514.6/18

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

-16.834+/-0.507 χ^2/NDF : 3283.8/15

29.811+/-0.462 χ^2/NDF : 3514.6/18

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

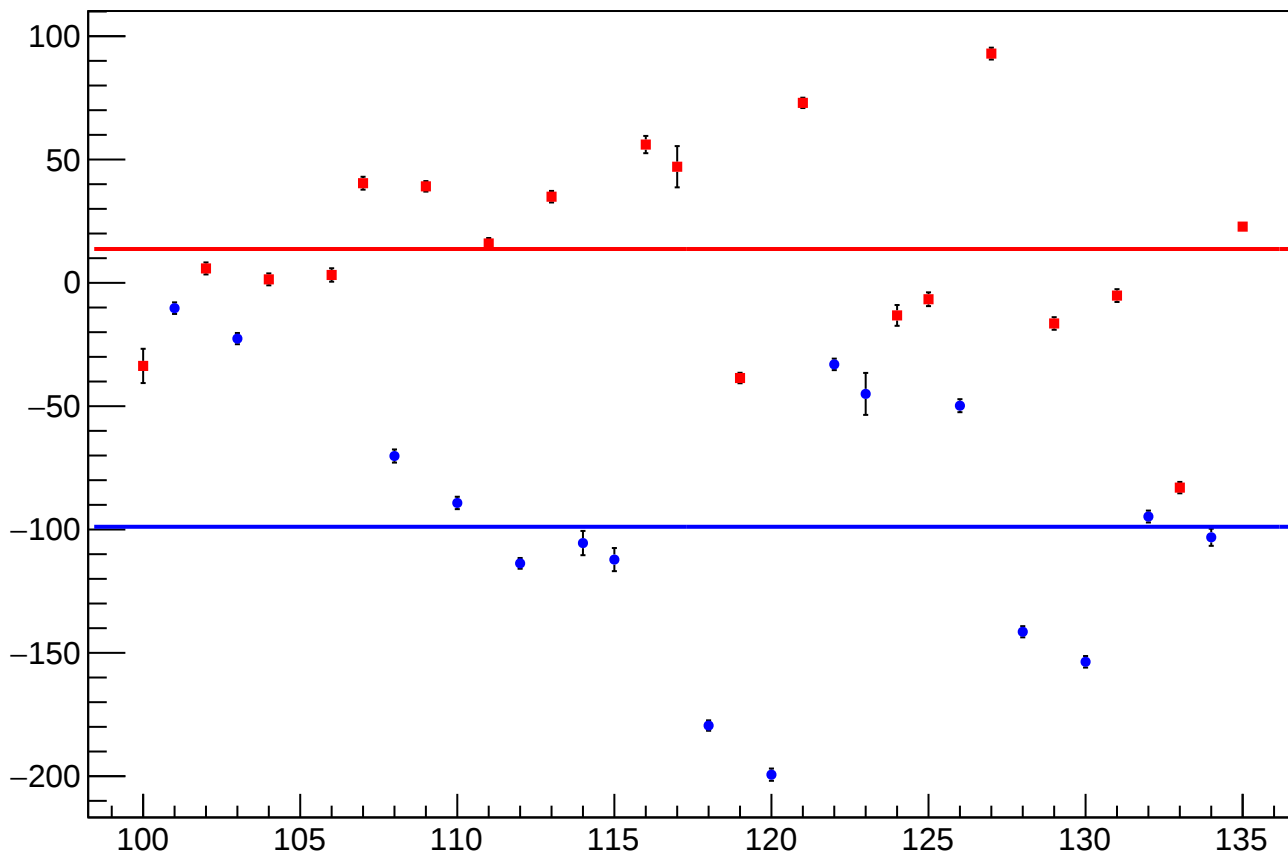
Right Out: 1220.470 $\pm$ 0.327 χ^2 /NDF: 27235.8/18

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

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

1220.470 $\pm$ 0.327 χ^2 /NDF: 27235.8/18

diff_bpm0i02aX_mean vs Slug



Right In: -98.886 ± 0.655 χ^2/NDF : 7914.2/15

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

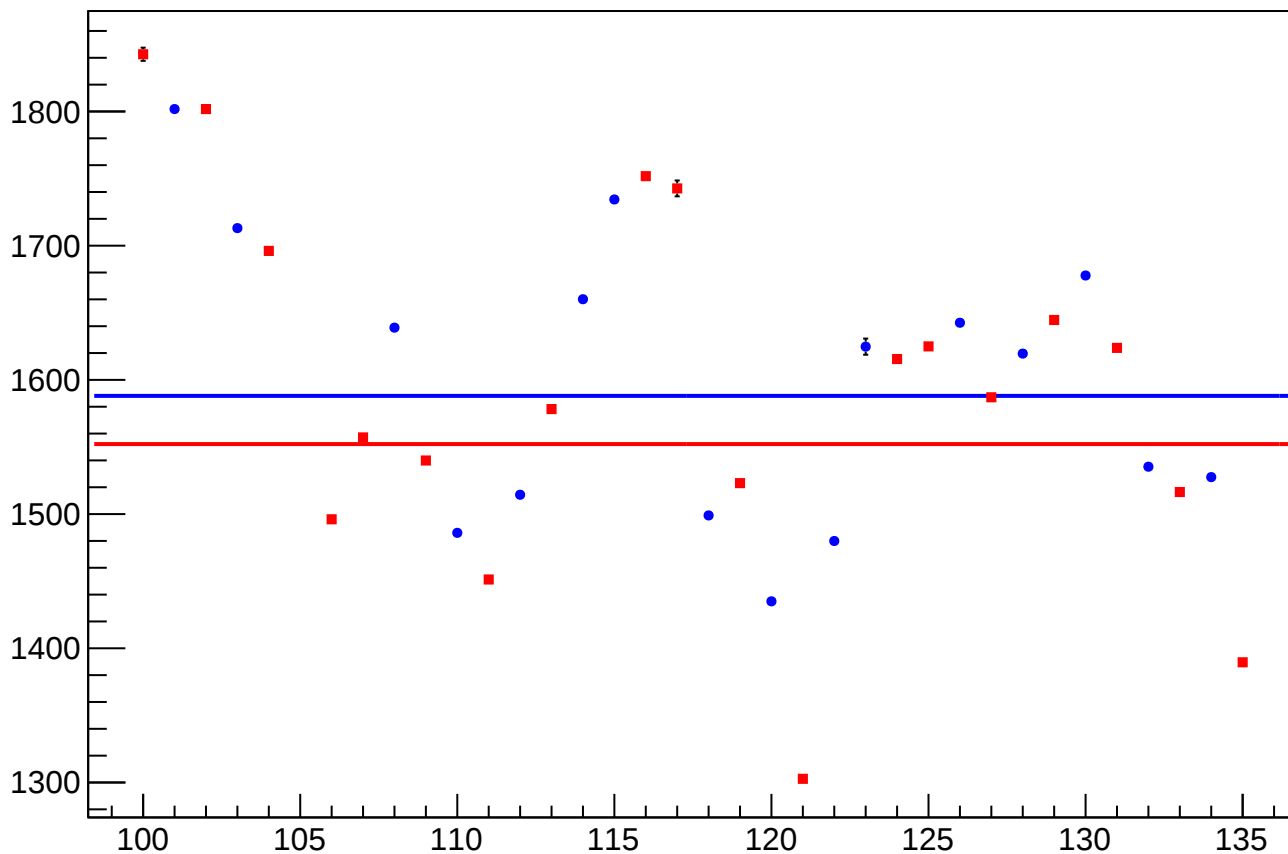
Right Out: 13.728 ± 0.588 χ^2/NDF : 5144.1/18

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

-98.886 ± 0.655 χ^2/NDF : 7914.2/15

13.728 ± 0.588 χ^2/NDF : 5144.1/18

diff_bpm0i02aX_rms vs Slug



Right In: 1588.086 $\pm$ 0.463 χ^2 /NDF: 52520.1/15

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

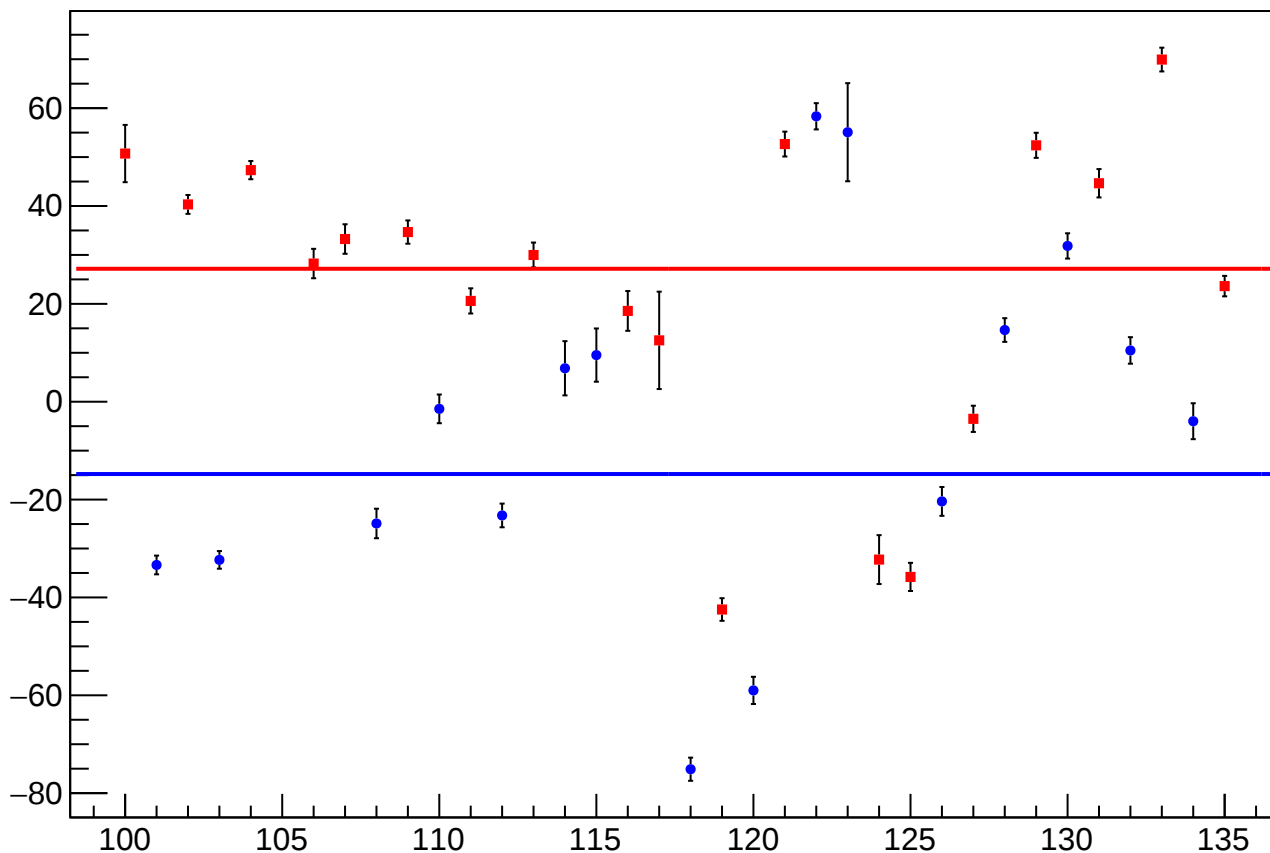
Right Out: 1552.162 $\pm$ 0.416 χ^2 /NDF: 93081.4/18

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

1588.086 $\pm$ 0.463 χ^2 /NDF: 52520.1/15

1552.162 $\pm$ 0.416 χ^2 /NDF: 93081.4/18

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

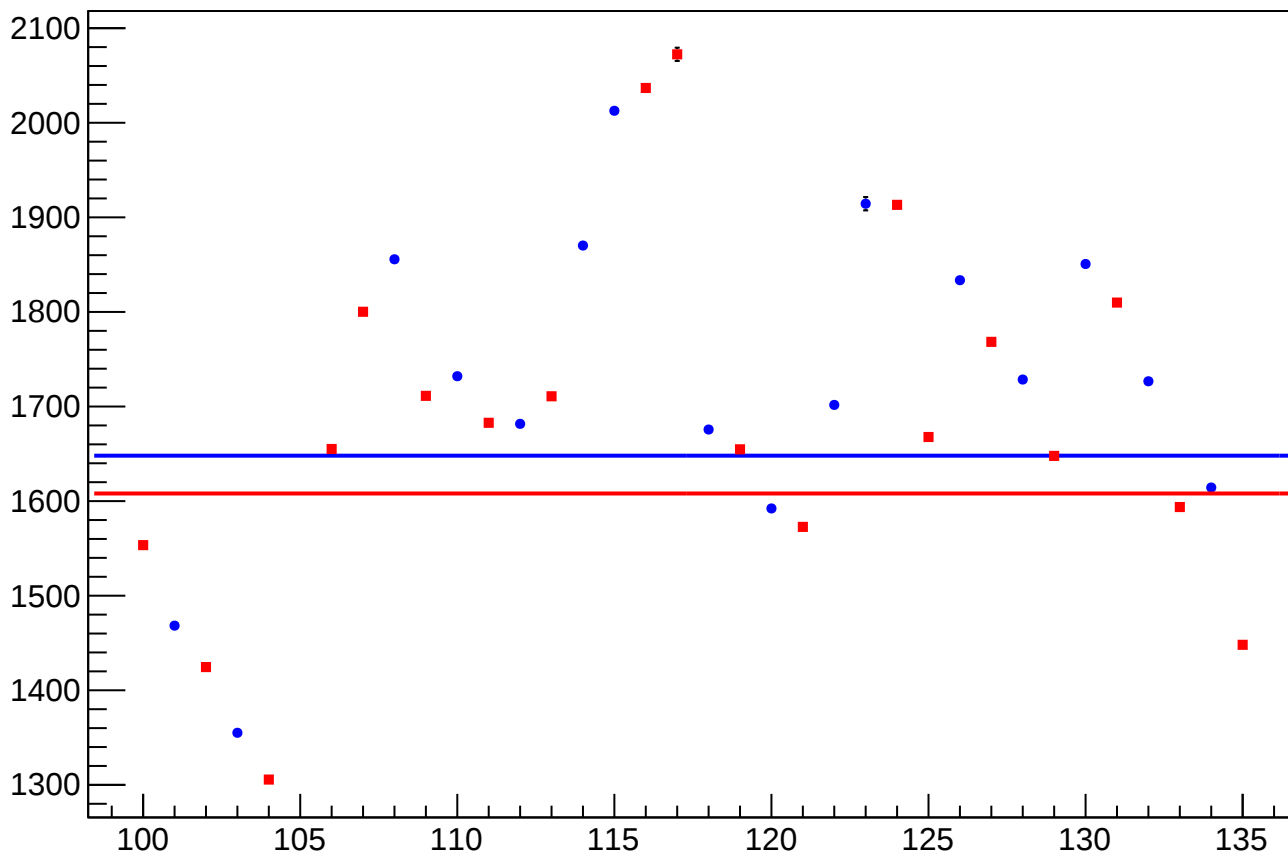
Right Out: 27.171 ± 0.612 χ^2/NDF : 2412.3/18

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

-14.781 ± 0.683 χ^2/NDF : 2533.8/15

27.171 ± 0.612 χ^2/NDF : 2412.3/18

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

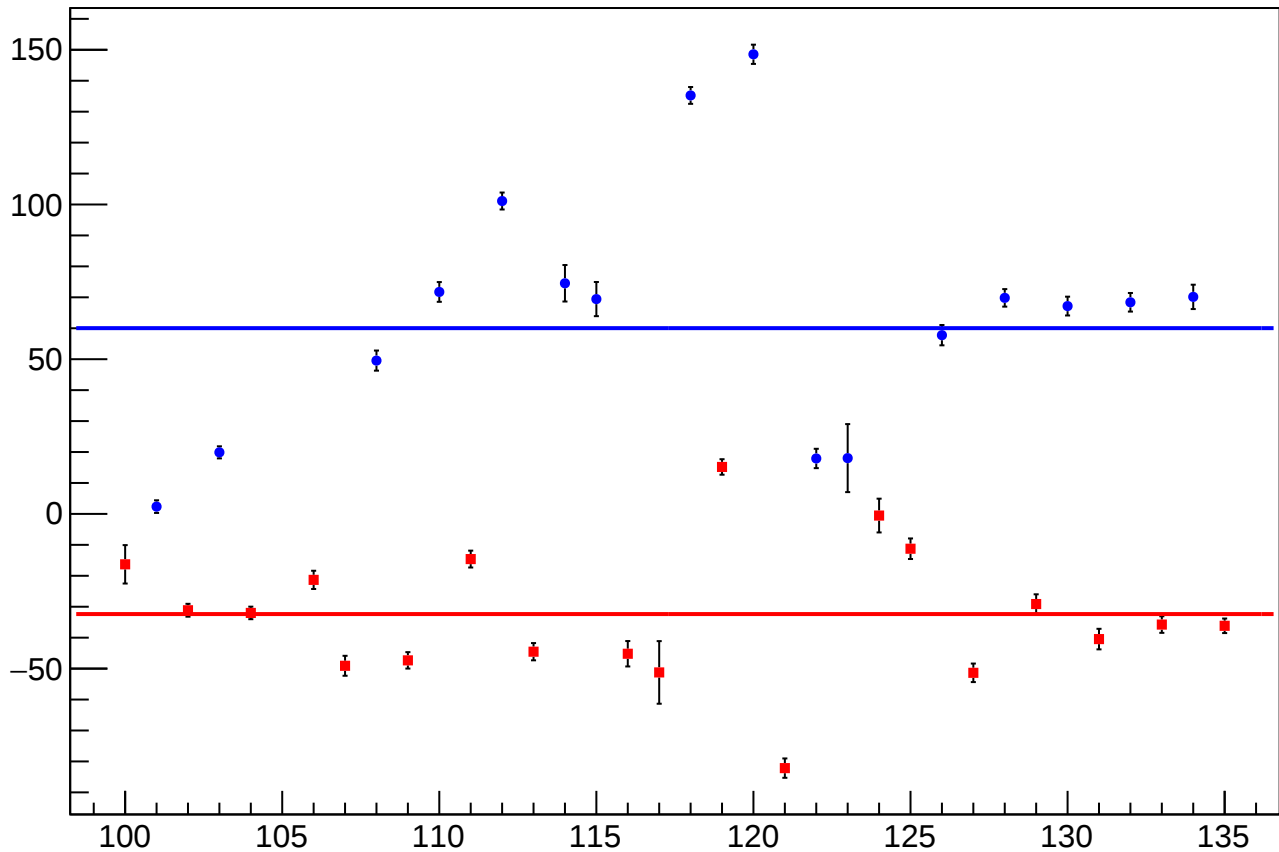
Right Out: 1608.059 $\pm$ 0.433 χ^2 /NDF: 153684.6/18

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

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

1608.059 $\pm$ 0.433 χ^2 /NDF: 153684.6/18

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

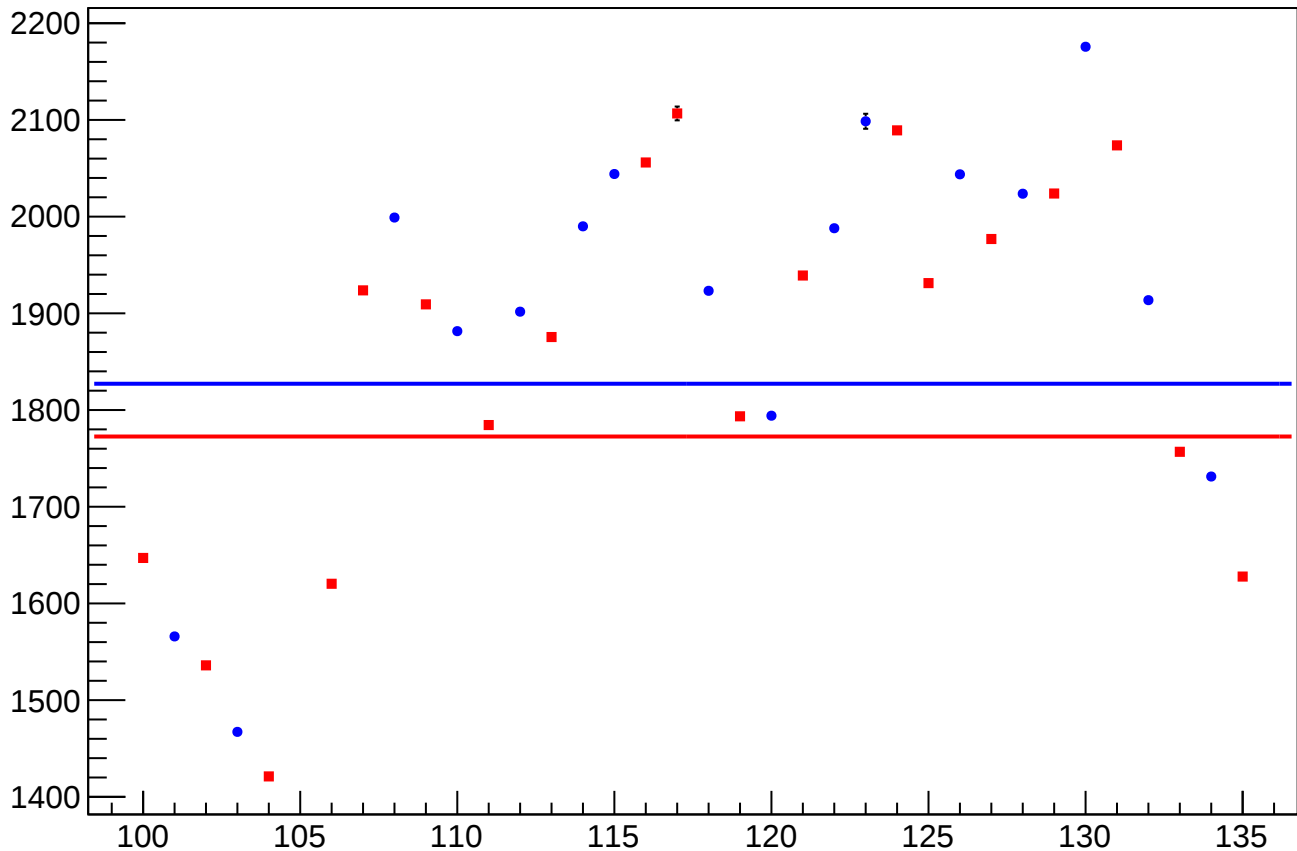
60.037+/-0.758 χ^2/NDF : 3282.9/15

Right Out: -32.371+/-0.675 χ^2/NDF : 894.2/18

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

-32.371+/-0.675 χ^2/NDF : 894.2/18

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

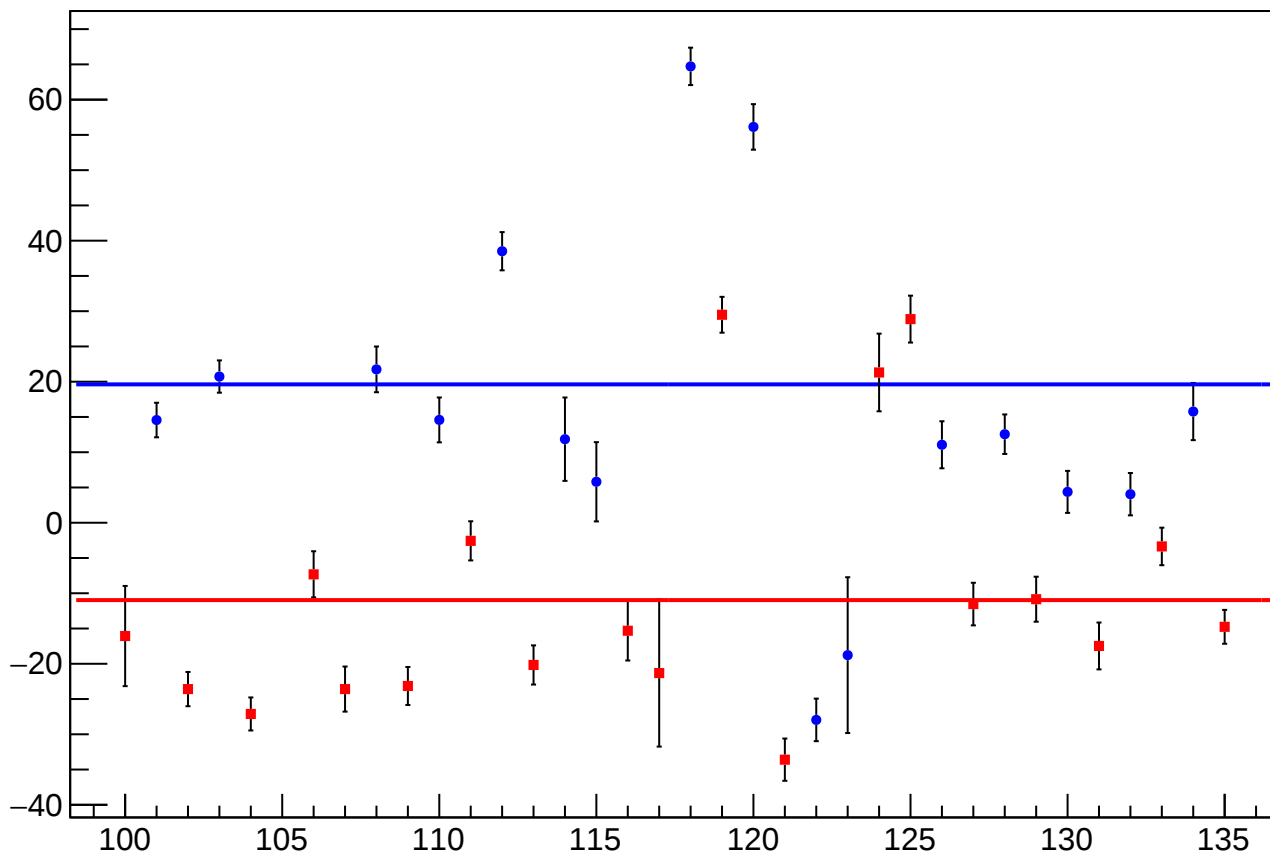
1827.185 $\pm$ 0.536 χ^2 /NDF: 169819.2/15

Right Out: 1772.615 $\pm$ 0.477 χ^2 /NDF: 179801.3/18

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

1772.615 $\pm$ 0.477 χ^2 /NDF: 179801.3/18

diff_bpm0i05Y_mean vs Slug



Right In: 19.622+/-0.789 χ^2 /NDF: 808.2/15

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

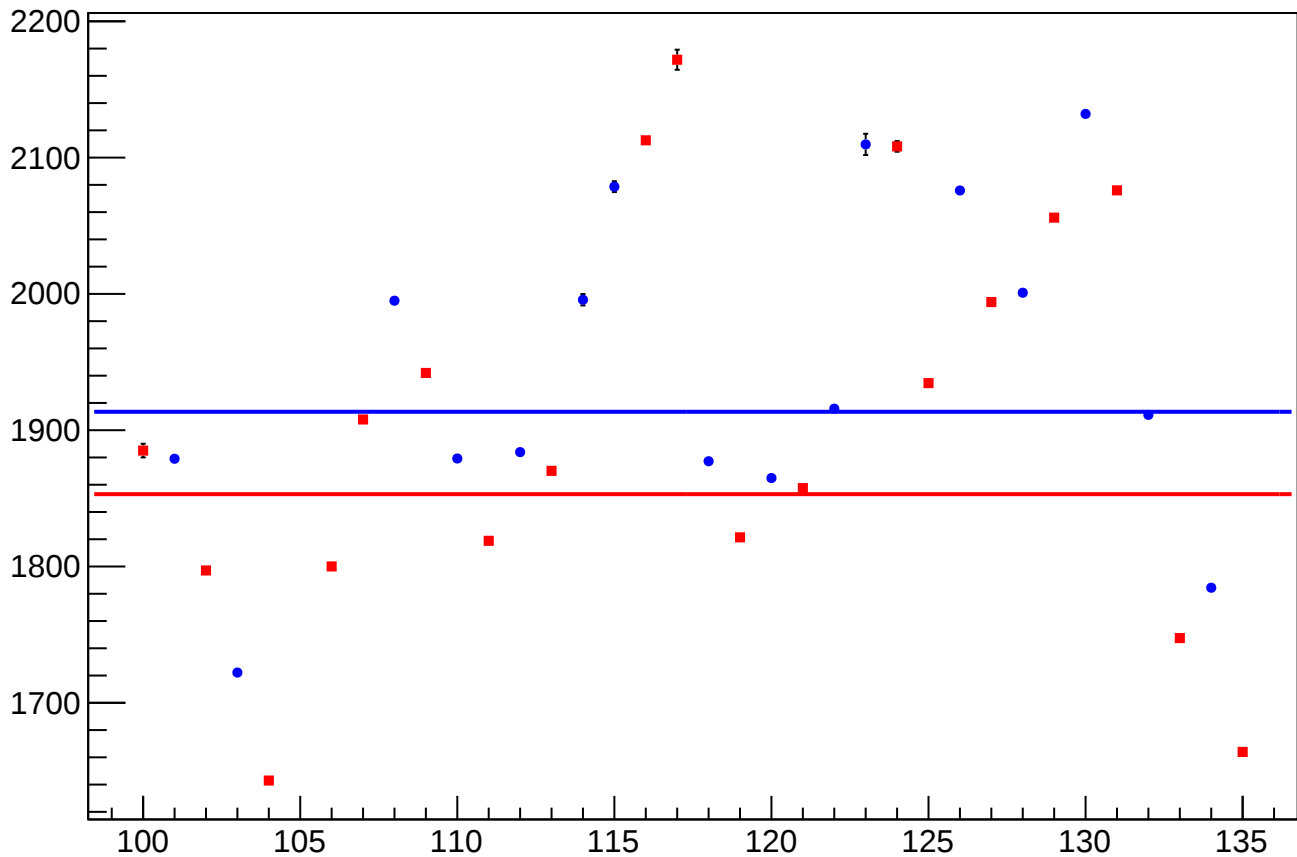
Right Out: -10.971+/-0.702 χ^2 /NDF: 637.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

19.622+/-0.789 χ^2 /NDF: 808.2/15

-10.971+/-0.702 χ^2 /NDF: 637.5/18

diff_bpm0i05Y_rms vs Slug



Right In: 1913.530+/-0.558 χ^2/NDF : 39142.4/15

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

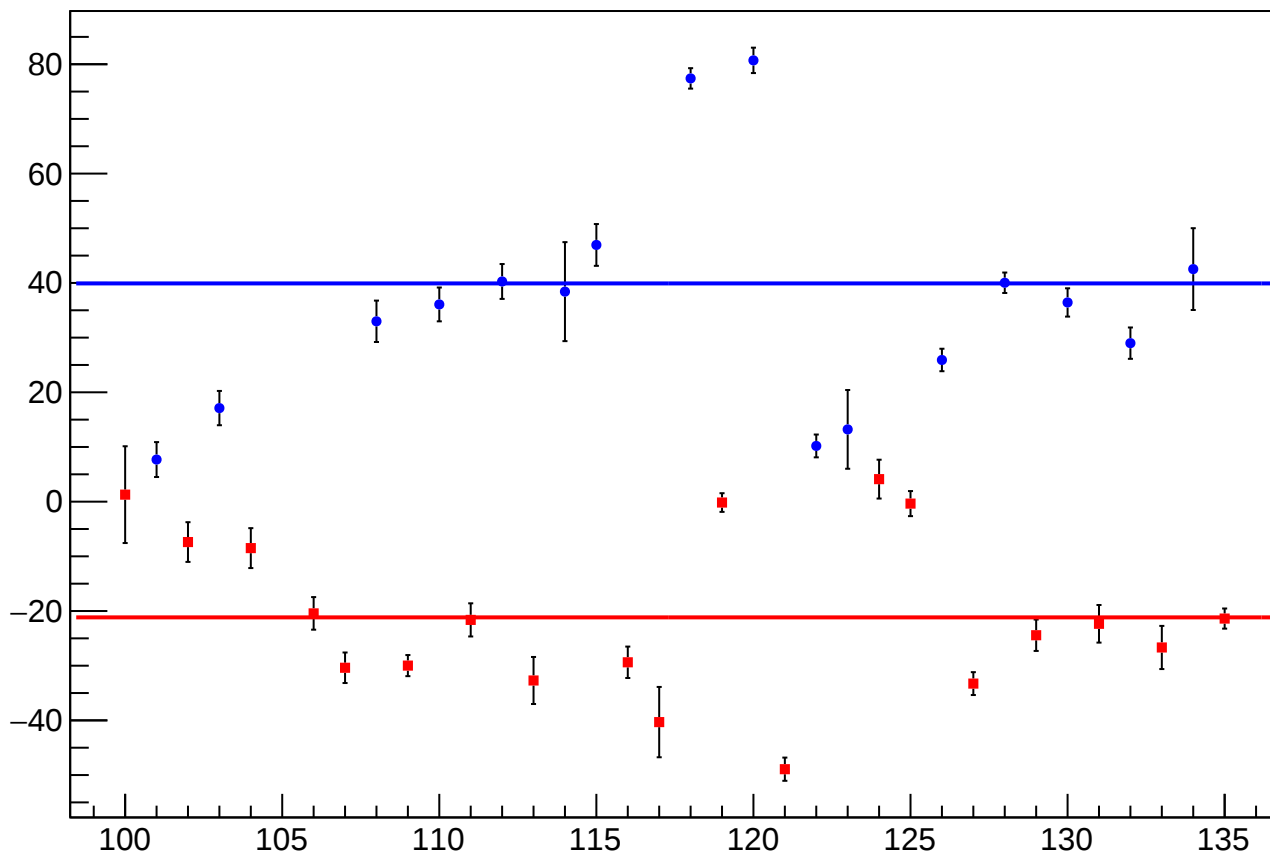
Right Out: 1853.078+/-0.497 χ^2/NDF : 73101.8/18

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

1913.530+/-0.558 χ^2/NDF : 39142.4/15

1853.078+/-0.497 χ^2/NDF : 73101.8/18

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

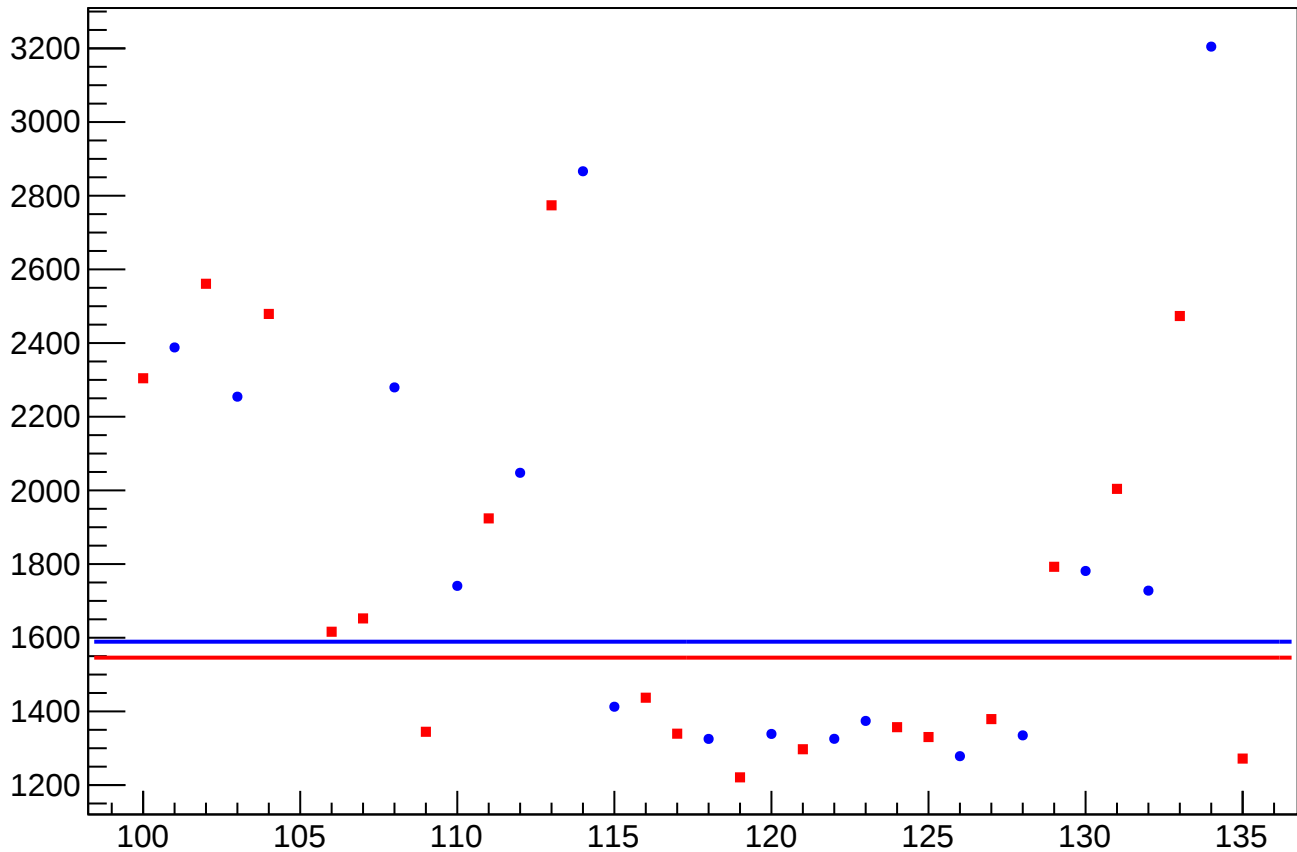
Right Out: -21.164+/-0.619 χ^2 /NDF: 581.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

39.914+/-0.693 χ^2 /NDF: 1153.2/15

-21.164+/-0.619 χ^2 /NDF: 581.4/18

diff_bpm0i07X_rms vs Slug



Right In: 1589.234+/-0.490 χ^2/NDF : 660369.2/15

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

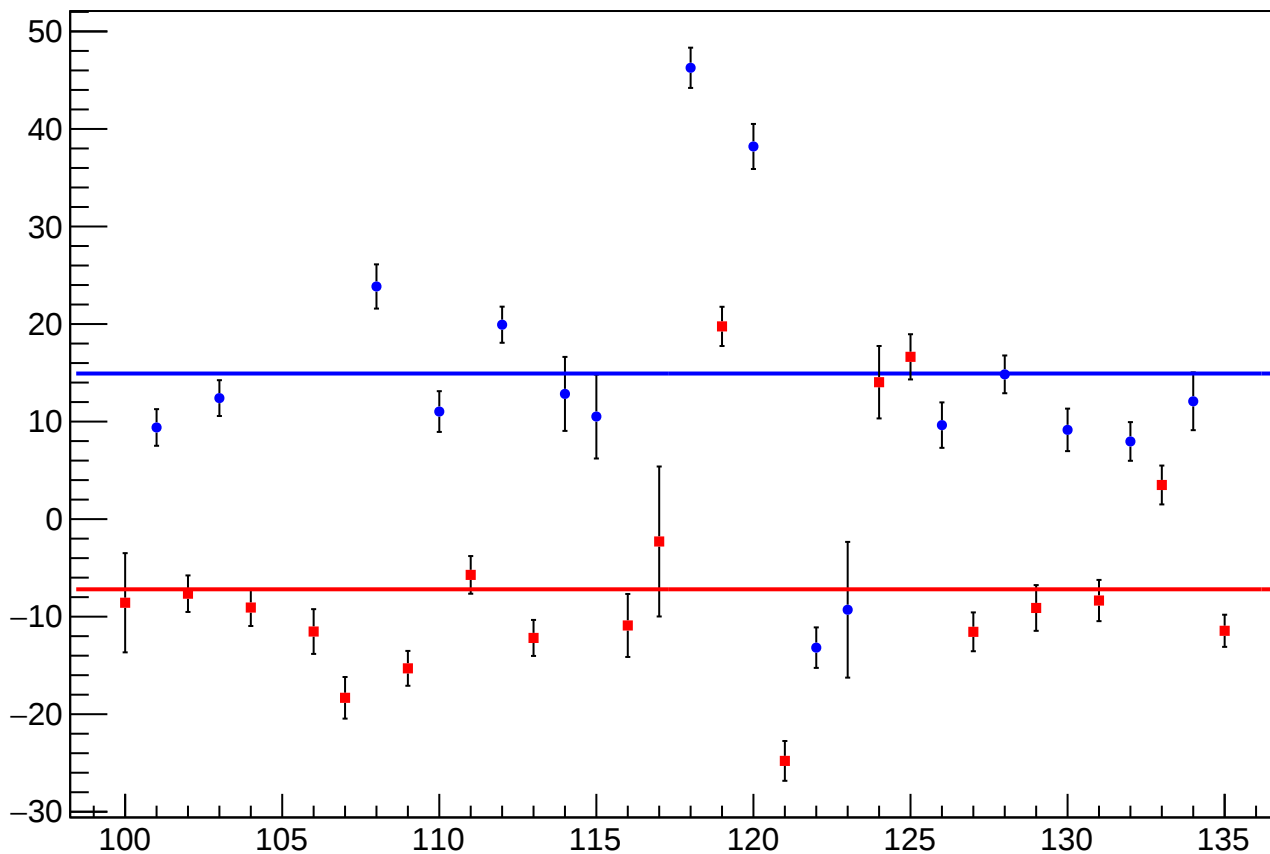
Right Out: 1545.932+/-0.438 χ^2/NDF : 867235.4/18

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

1589.234+/-0.490 χ^2/NDF : 660369.2/15

1545.932+/-0.438 χ^2/NDF : 867235.4/18

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

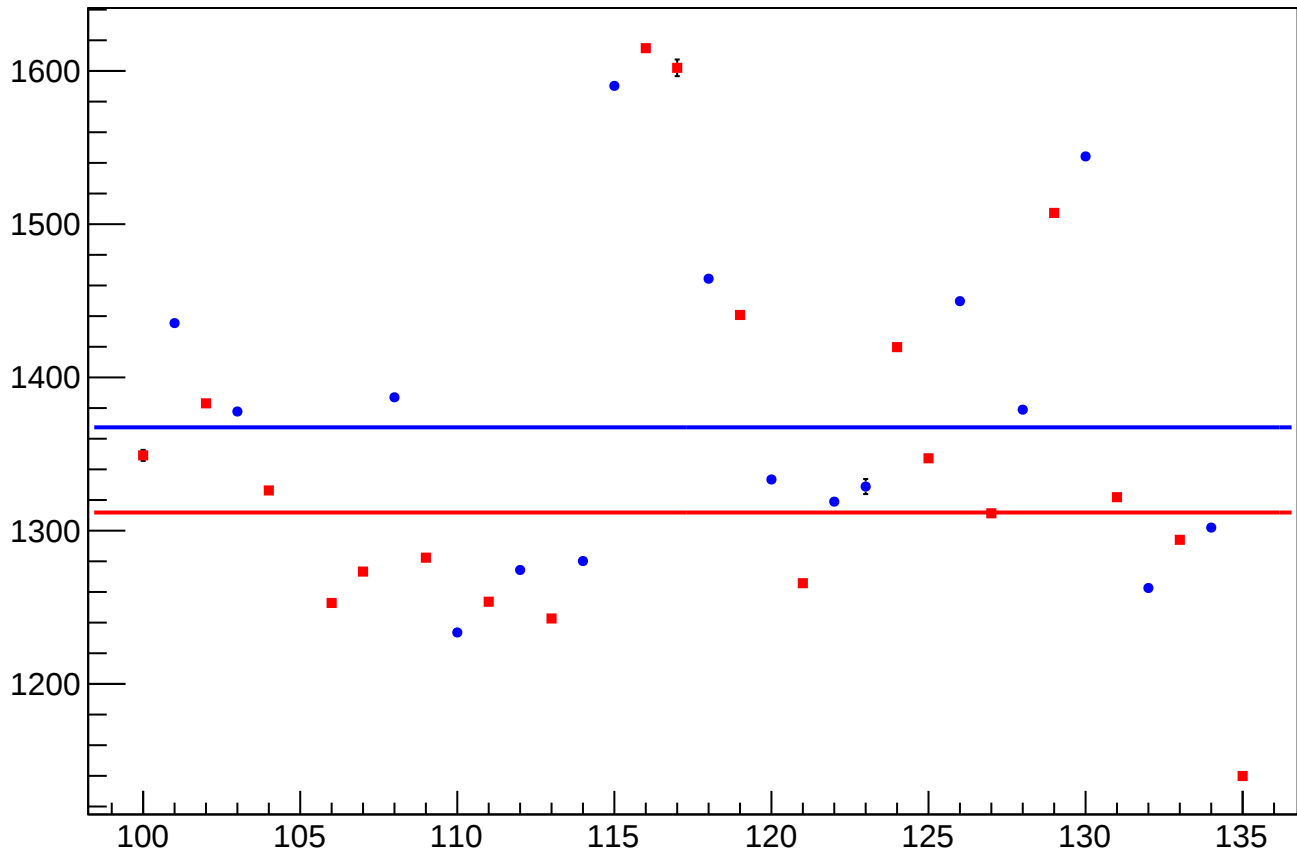
Right Out: -7.196+/-0.498 χ^2/NDF : 495.8/18

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

14.927+/-0.566 χ^2/NDF : 591.3/15

-7.196+/-0.498 χ^2/NDF : 495.8/18

diff_bpm0i07Y_rms vs Slug



Right In: 1367.431+/-0.400 χ^2/NDF : 50835.3/15

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

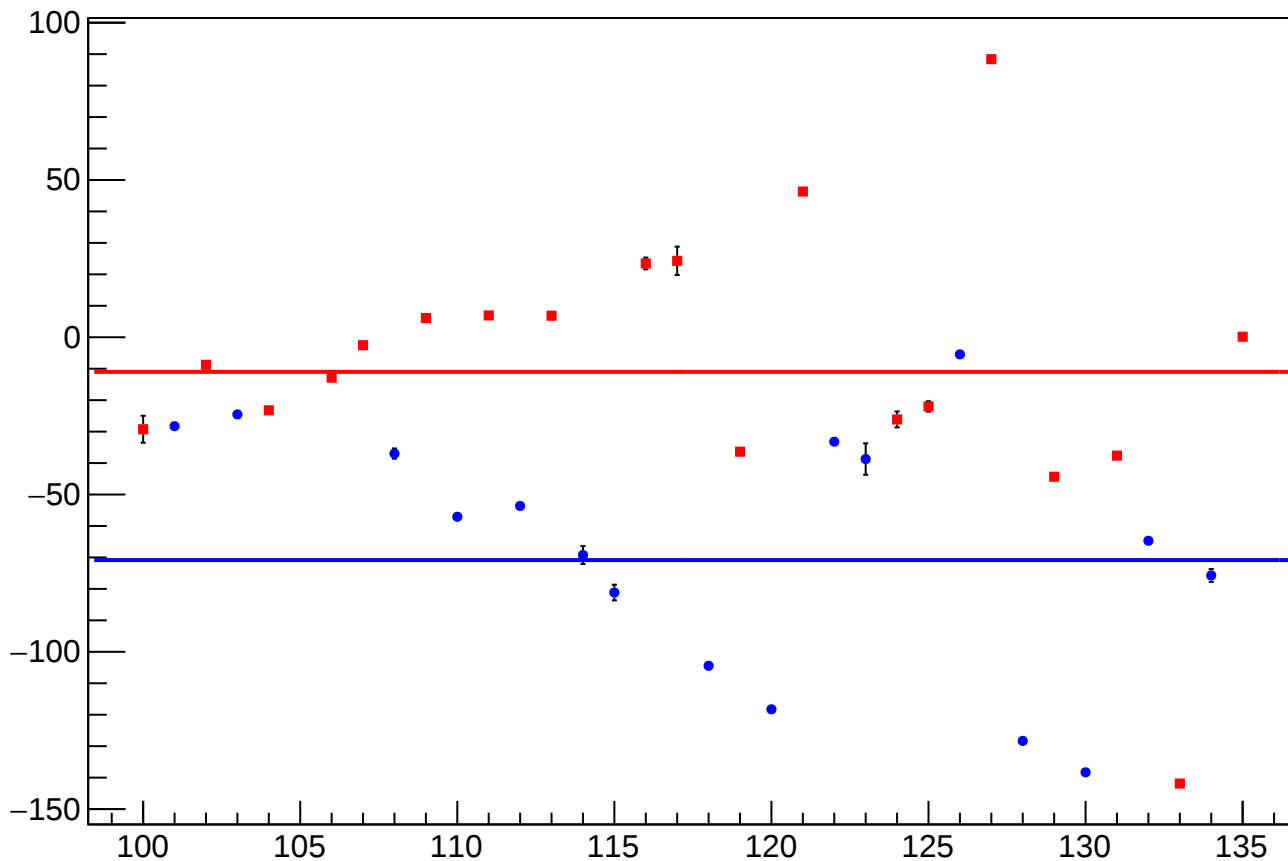
Right Out: 1311.852+/-0.352 χ^2/NDF : 77992.7/18

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

1367.431+/-0.400 χ^2/NDF : 50835.3/15

1311.852+/-0.352 χ^2/NDF : 77992.7/18

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

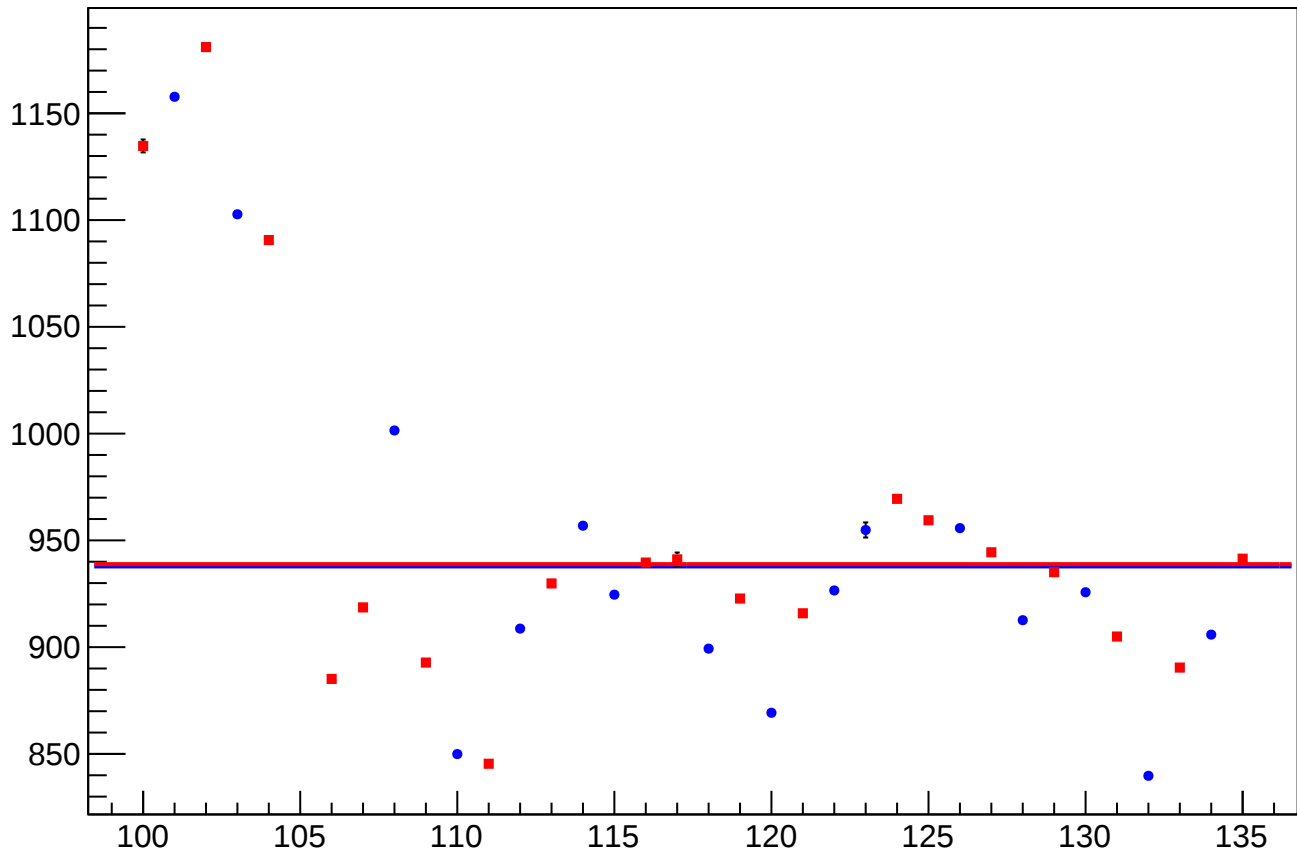
Right Out: -11.002 ± 0.356 χ^2/NDF : 18140.6/18

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

-70.841 ± 0.388 χ^2/NDF : 11499.7/15

-11.002 ± 0.356 χ^2/NDF : 18140.6/18

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

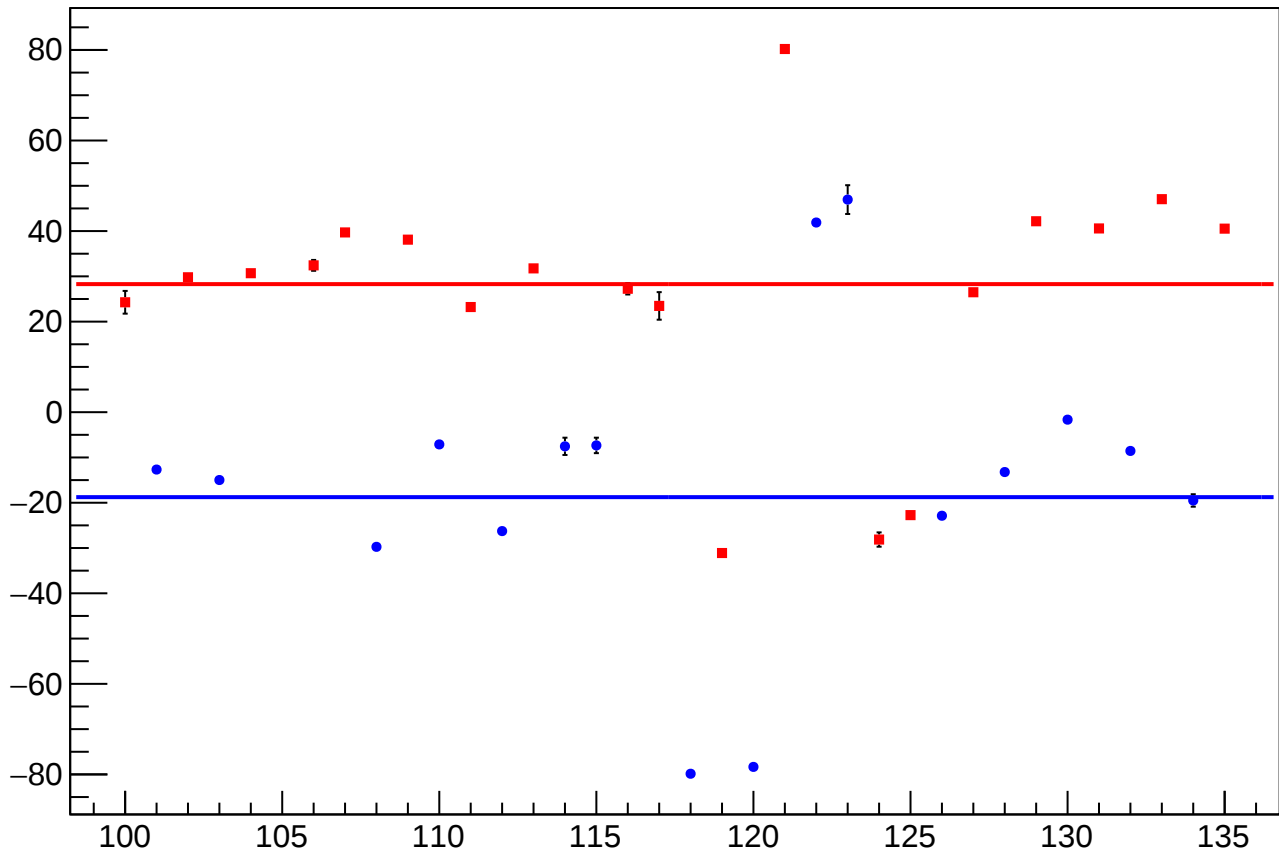
Right Out: 938.877 $\pm$ 0.252 χ^2 /NDF: 90207.7/18

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

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

938.877 $\pm$ 0.252 χ^2 /NDF: 90207.7/18

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

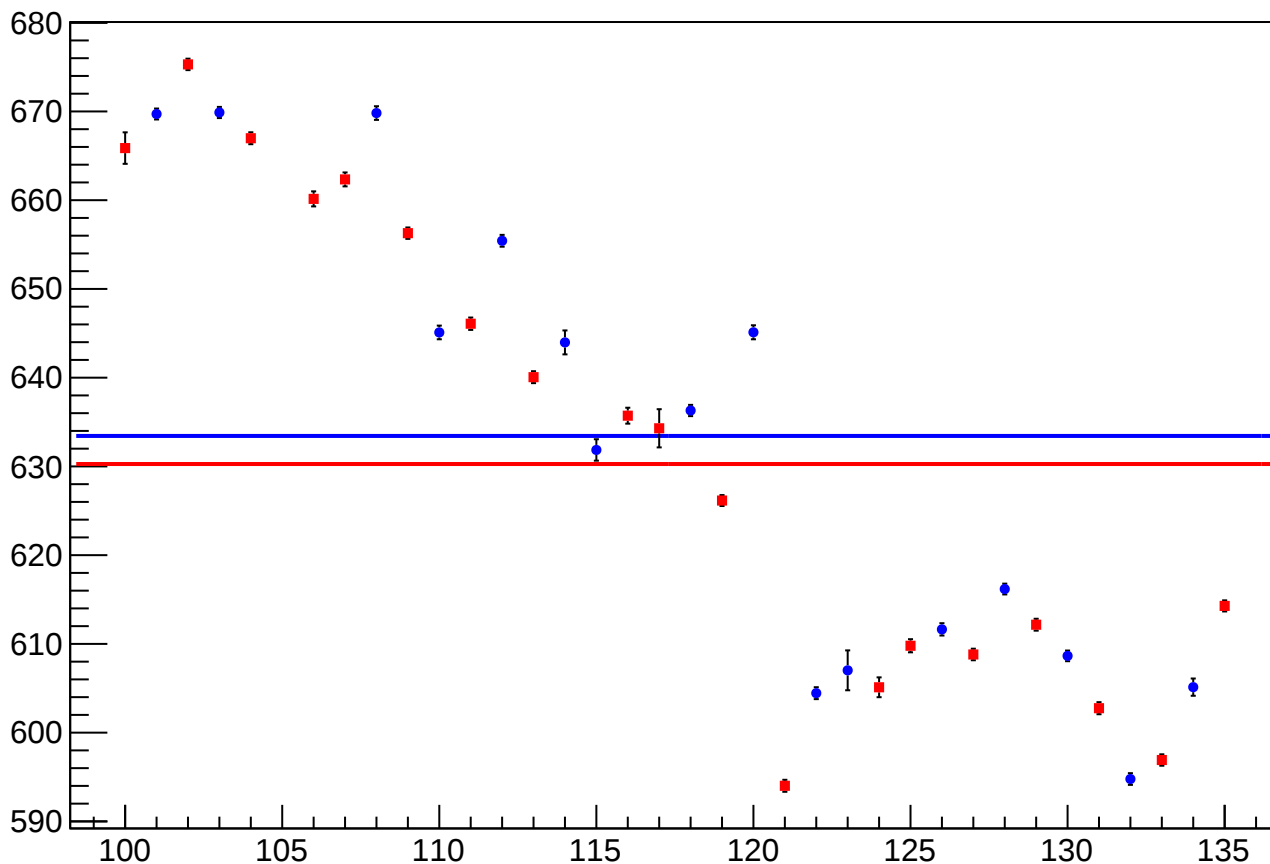
Right Out: 28.285+/-0.238 χ^2/NDF : 12510.0/18

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

-18.763+/-0.261 χ^2/NDF : 13005.5/15

28.285+/-0.238 χ^2/NDF : 12510.0/18

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

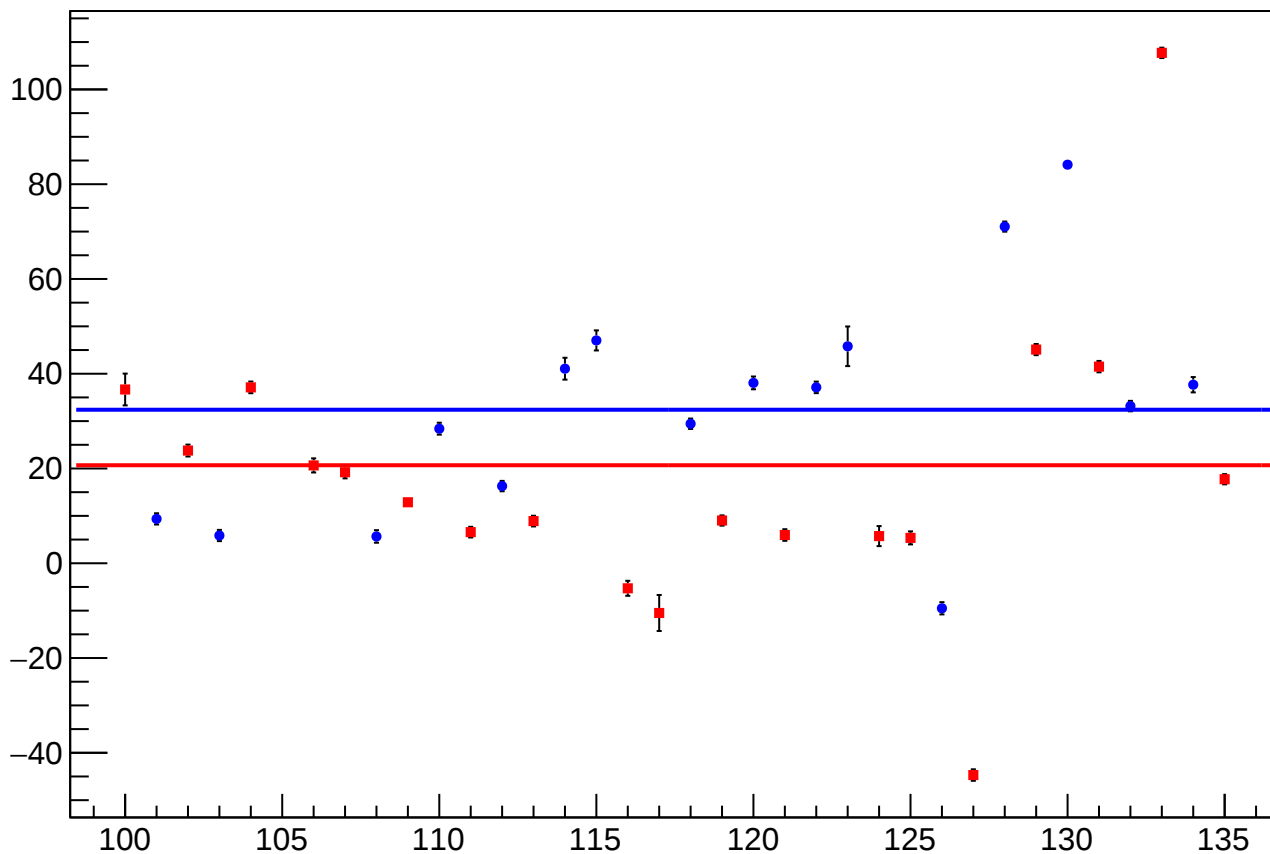
Right Out: 630.271+/-0.168 χ^2/NDF : 24558.3/18

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

633.435+/-0.184 χ^2/NDF : 20430.0/15

630.271+/-0.168 χ^2/NDF : 24558.3/18

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

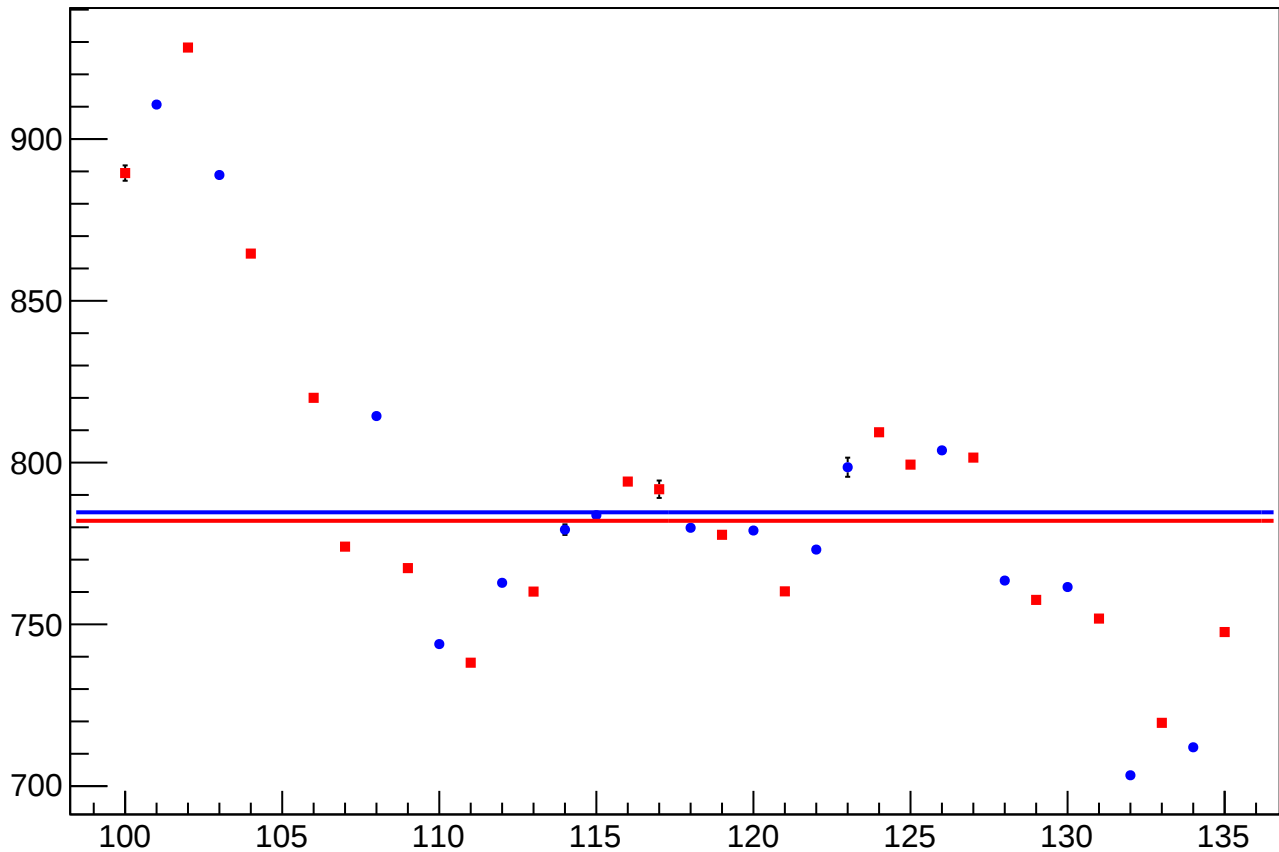
Right Out: 20.687+/-0.296 χ^2/NDF : 11257.9/18

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

32.401+/-0.324 χ^2/NDF : 6361.1/15

20.687+/-0.296 χ^2/NDF : 11257.9/18

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

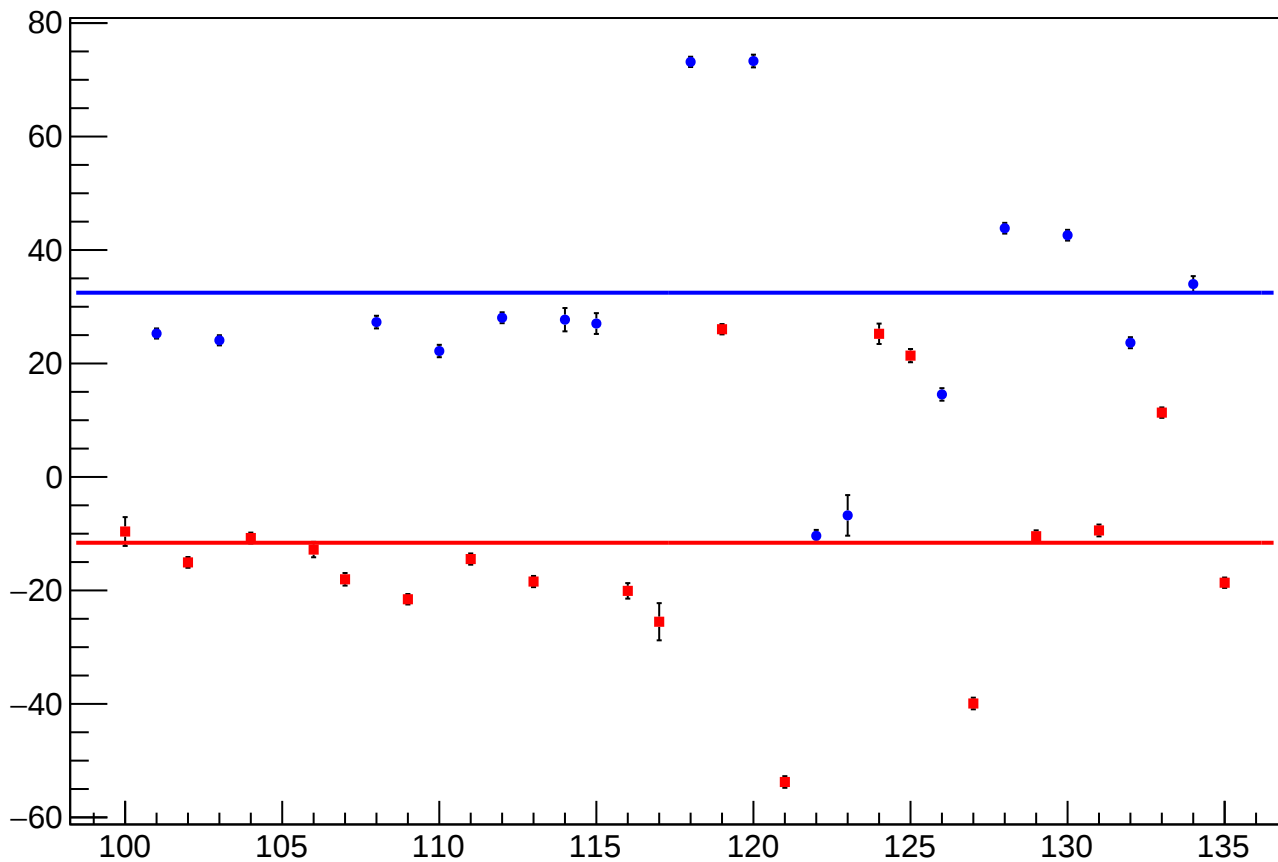
784.634 $\pm$ 0.229 χ^2 /NDF: 59301.3/15

Right Out: 782.006 $\pm$ 0.209 χ^2 /NDF: 56348.4/18

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

782.006 $\pm$ 0.209 χ^2 /NDF: 56348.4/18

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

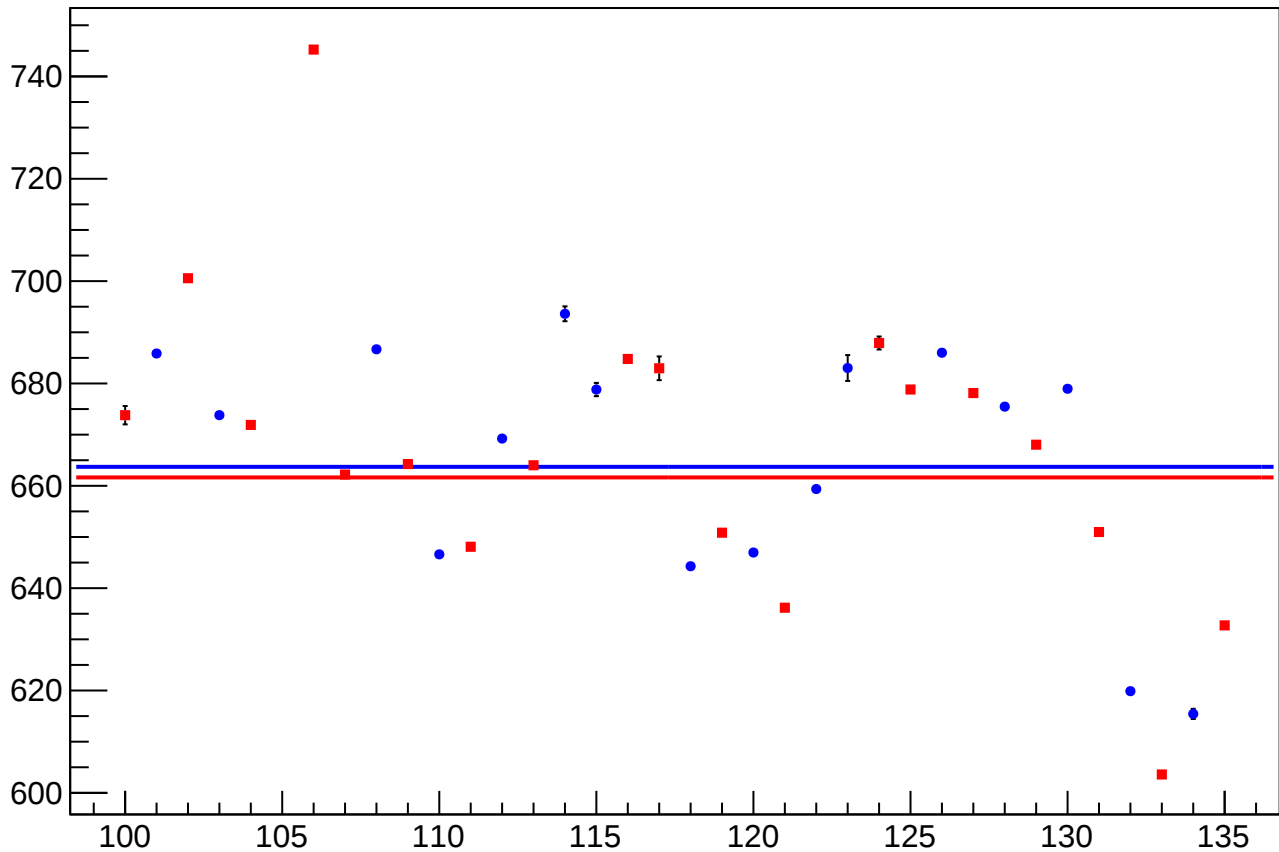
Right Out: -11.596+/-0.250 χ^2/NDF : 6363.0/18

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

32.475+/-0.273 χ^2/NDF : 6072.4/15

-11.596+/-0.250 χ^2/NDF : 6363.0/18

diff_bpm1i04Y_rms vs Slug



Right In: 663.710+/-0.193 χ^2/NDF : 12992.8/15

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

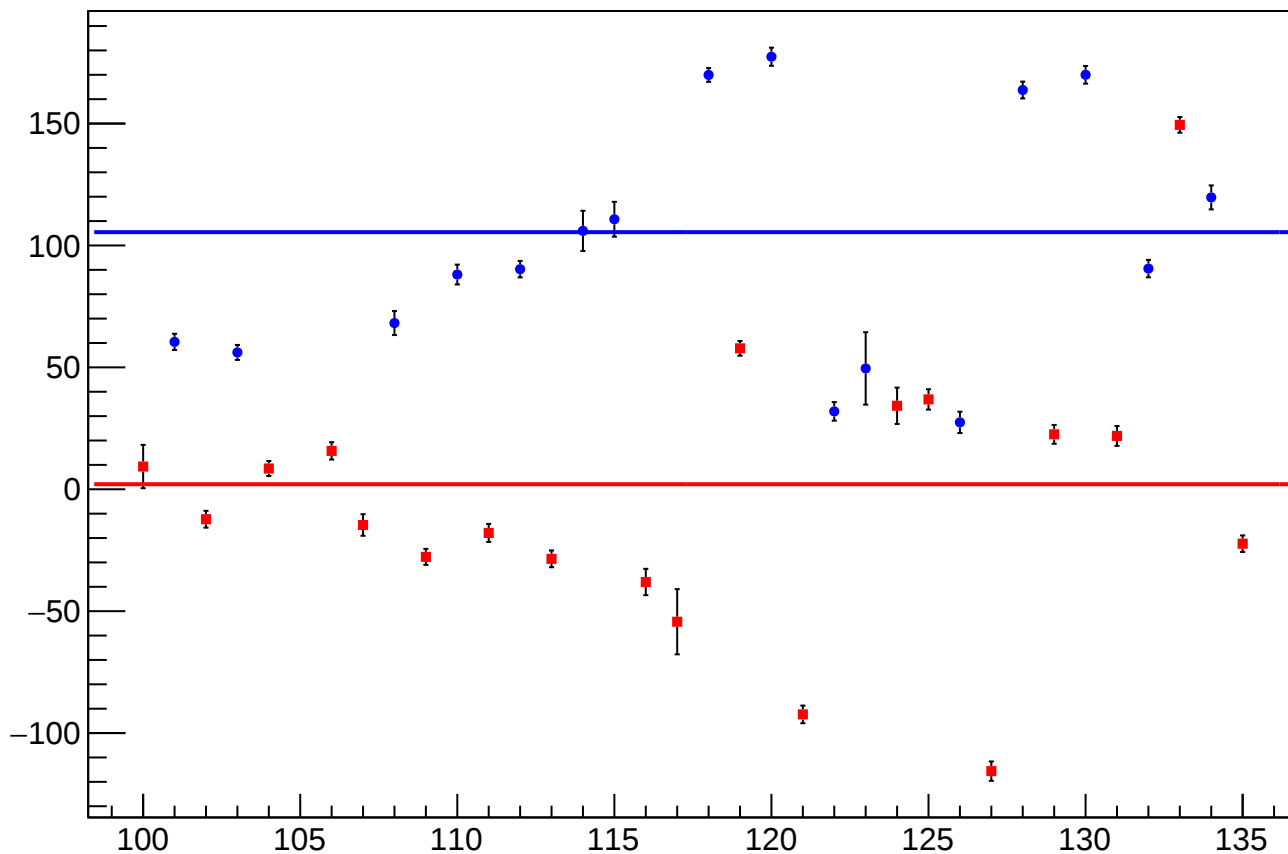
Right Out: 661.641+/-0.177 χ^2/NDF : 25468.6/18

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

663.710+/-0.193 χ^2/NDF : 12992.8/15

661.641+/-0.177 χ^2/NDF : 25468.6/18

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

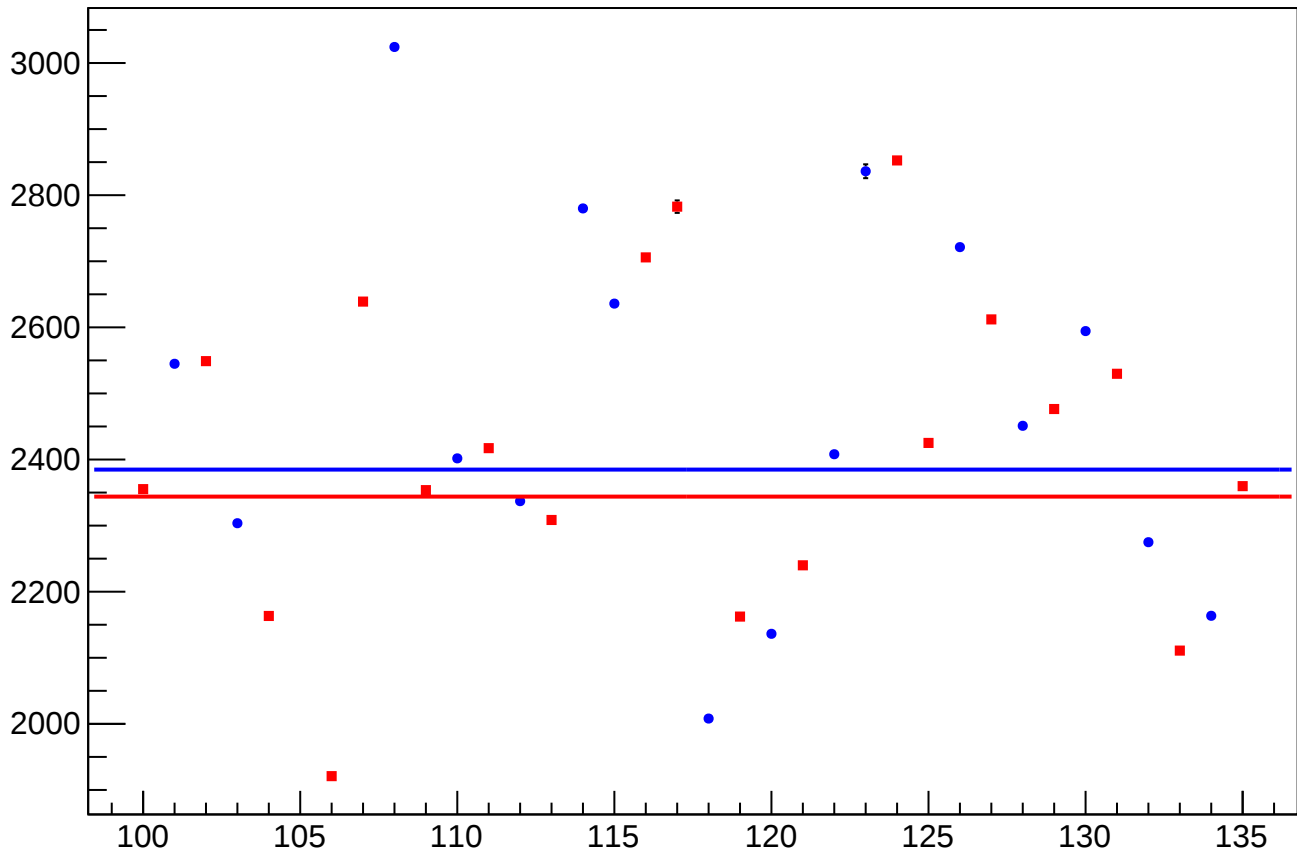
Right Out: 2.073 $\pm$ 0.892 χ^2 /NDF: 4508.5/18

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

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

2.073 $\pm$ 0.892 χ^2 /NDF: 4508.5/18

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

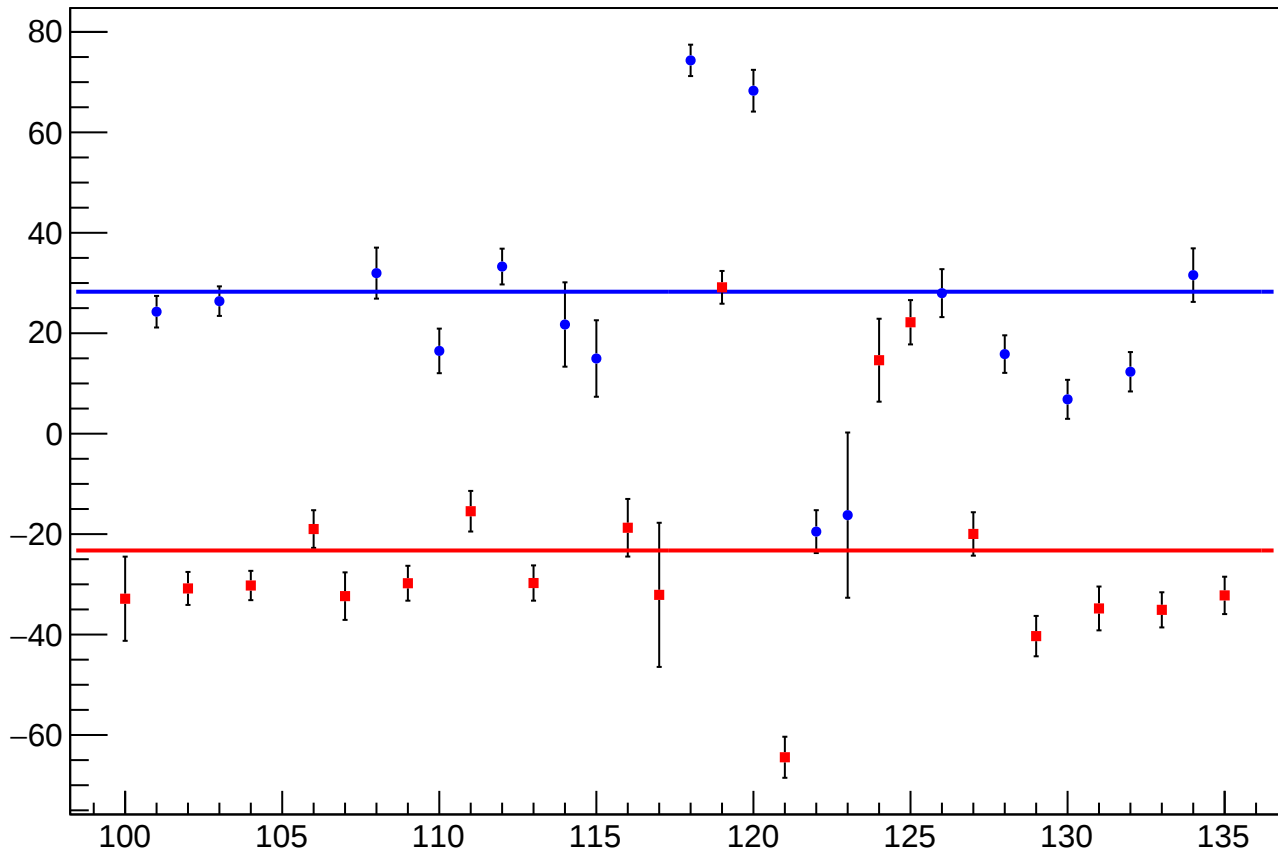
Right Out: 2343.896 $\pm$ 0.631 χ^2 /NDF: 108528.7/18

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

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

2343.896 $\pm$ 0.631 χ^2 /NDF: 108528.7/18

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

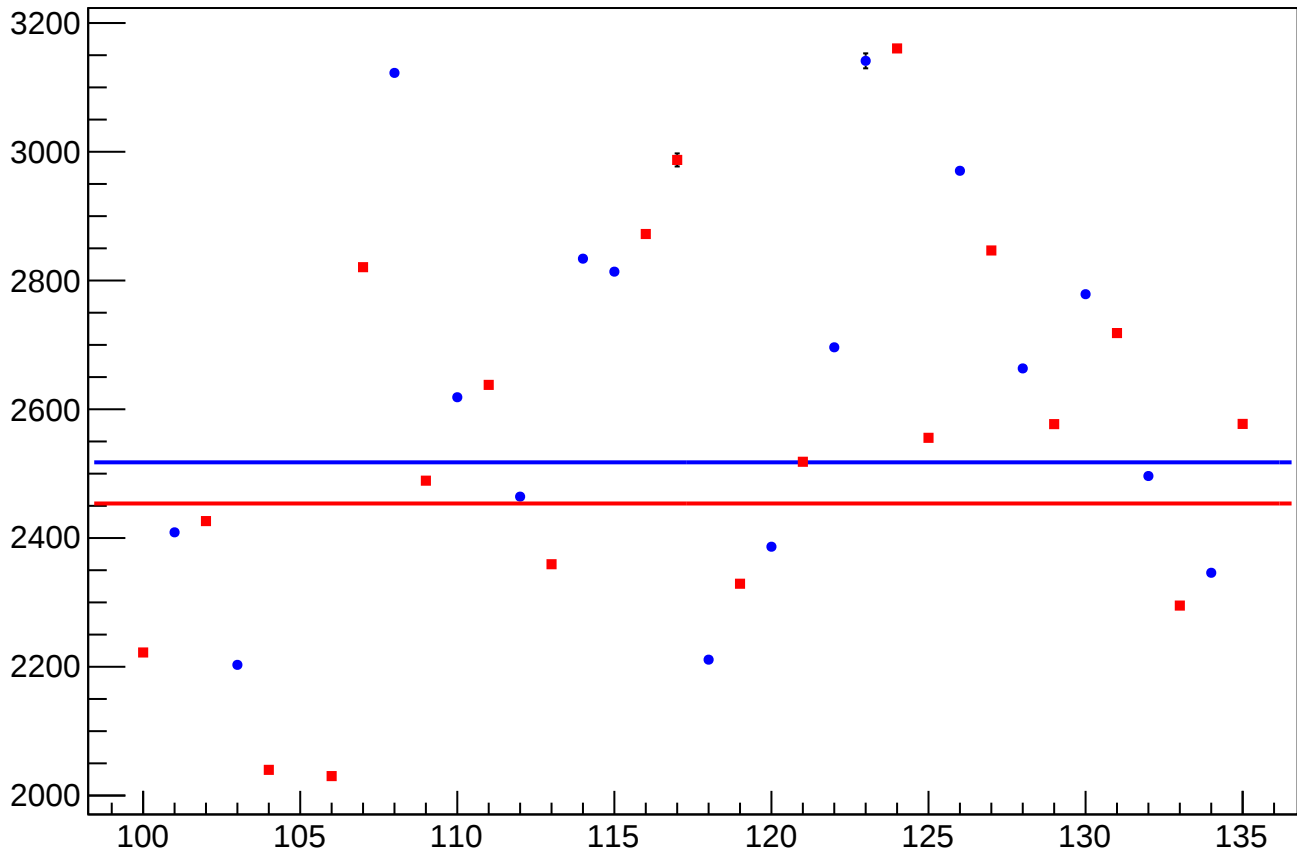
Right Out: -23.259+/-0.936 χ^2/NDF : 558.2/18

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

28.268+/-1.044 χ^2/NDF : 516.1/15

-23.259+/-0.936 χ^2/NDF : 558.2/18

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

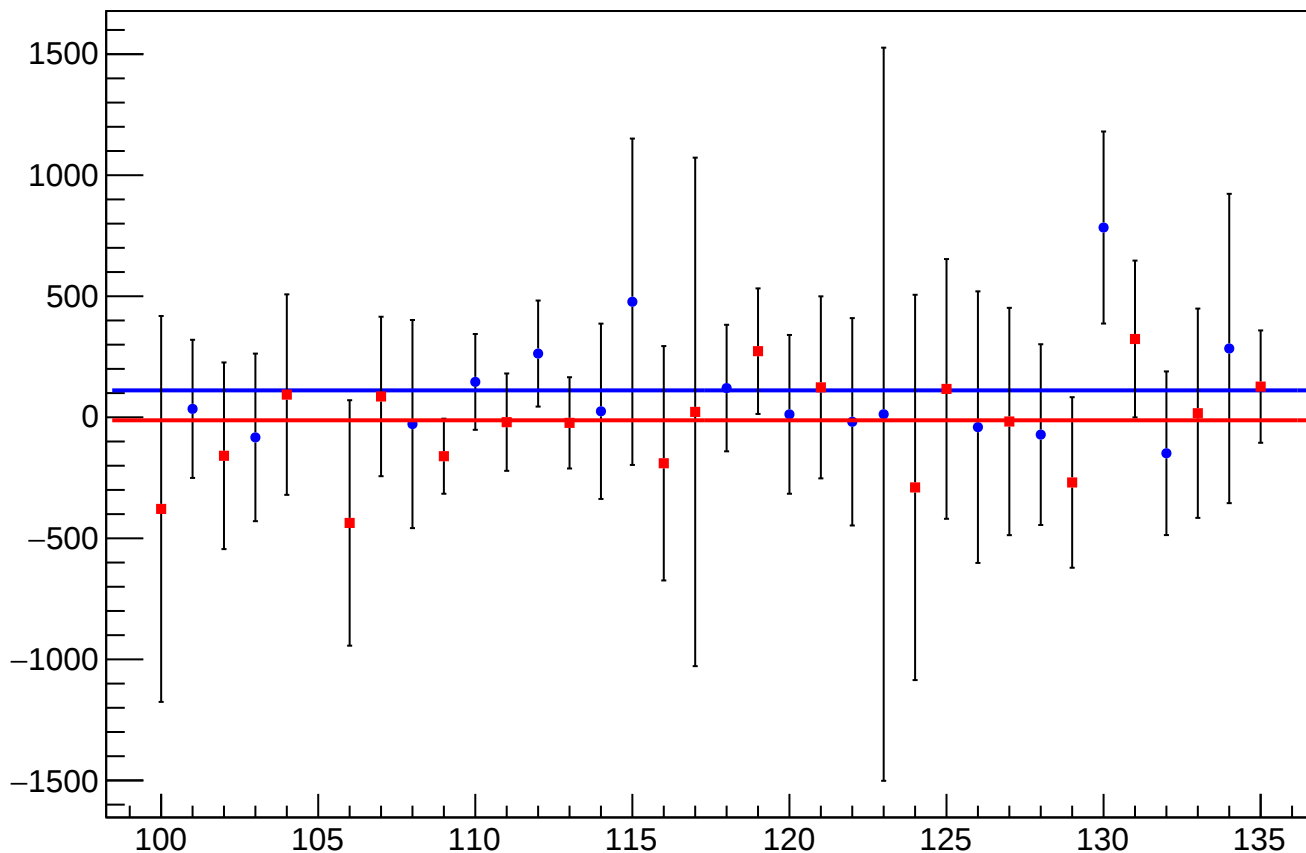
Right Out: 2453.653 $\pm$ 0.662 χ^2 /NDF: 149918.4/18

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

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

2453.653 $\pm$ 0.662 χ^2 /NDF: 149918.4/18

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 111.194+/-84.517 χ^2/NDF : 5.4/15

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

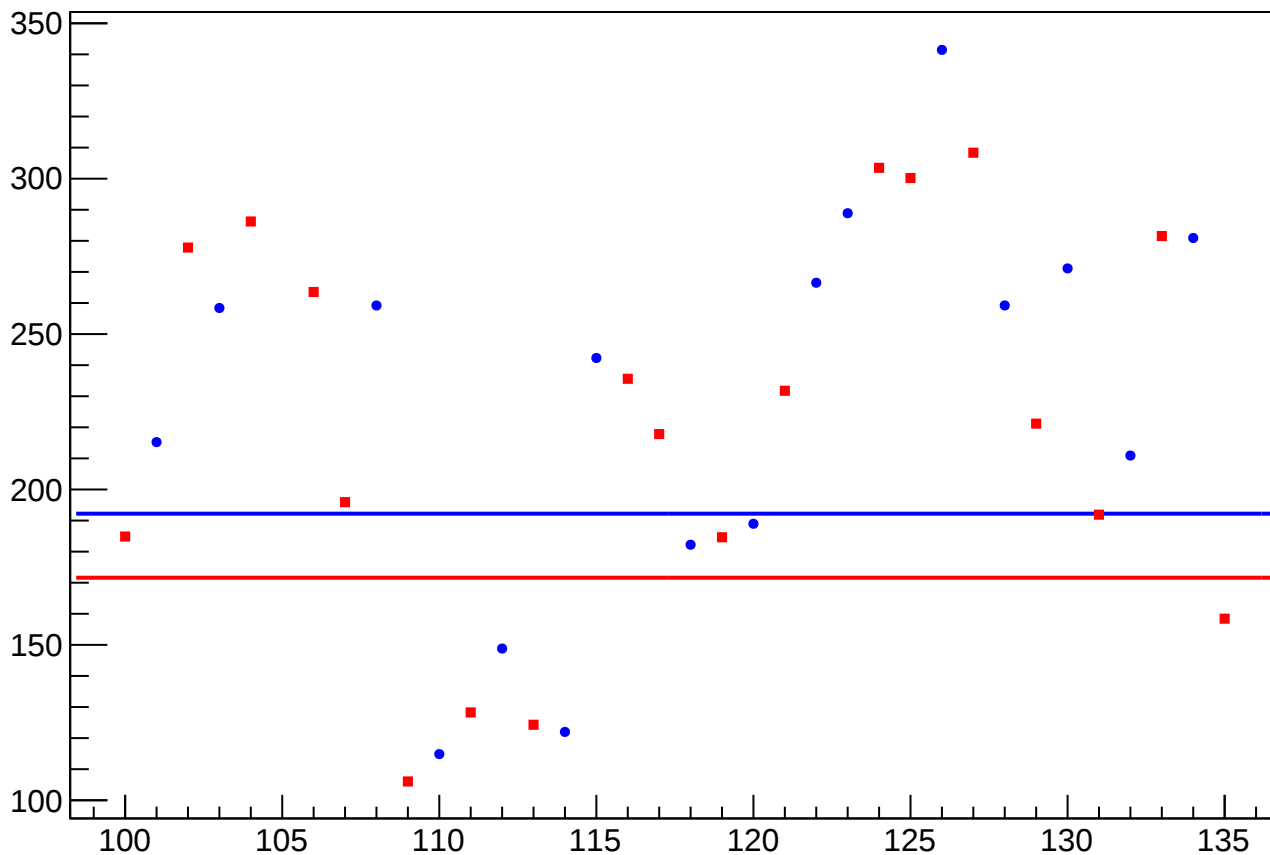
Right Out: -12.404+/-70.716 χ^2/NDF : 5.8/18

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

111.194+/-84.517 χ^2/NDF : 5.4/15

-12.404+/-70.716 χ^2/NDF : 5.8/18

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

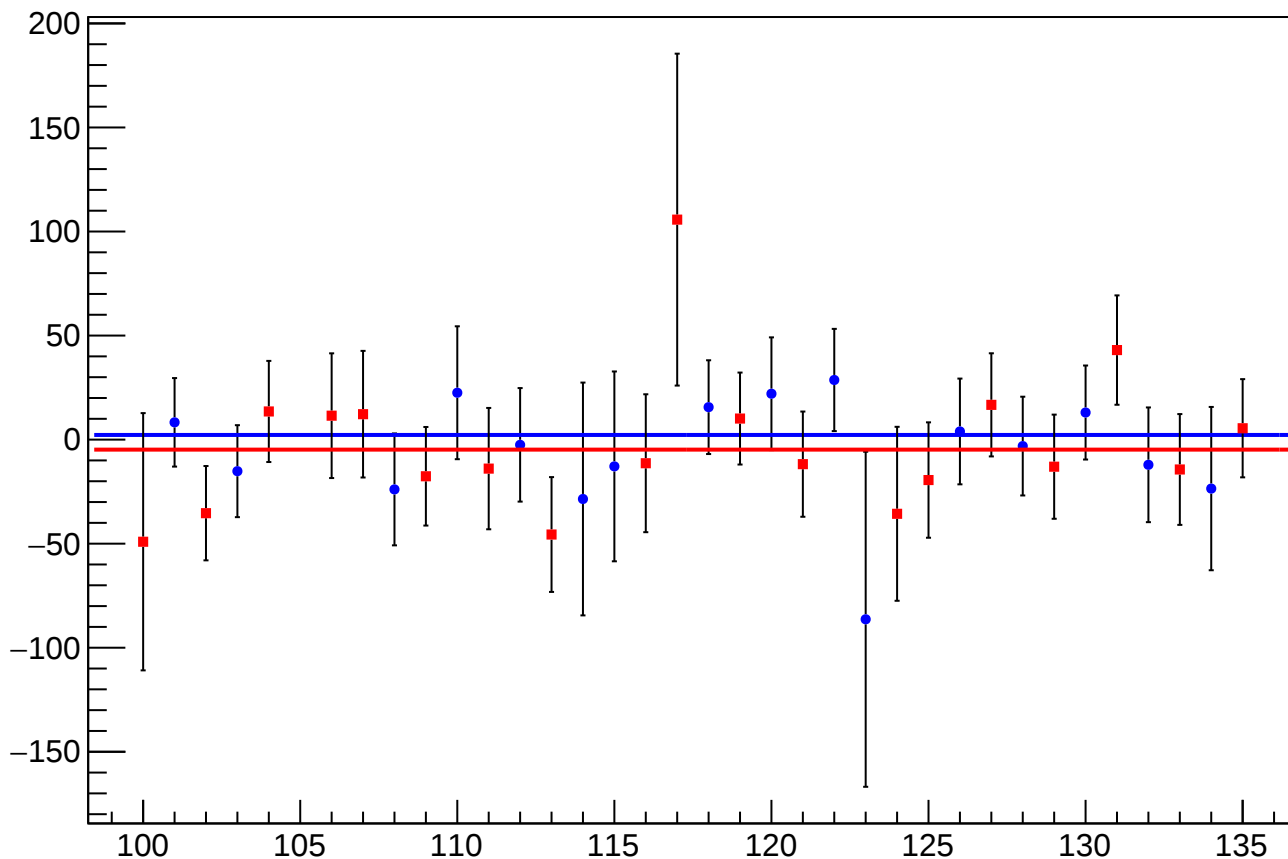
Right Out: 171.610+/-0.050 χ^2/NDF : 1576793.7/18

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

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

171.610+/-0.050 χ^2/NDF : 1576793.7/18

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

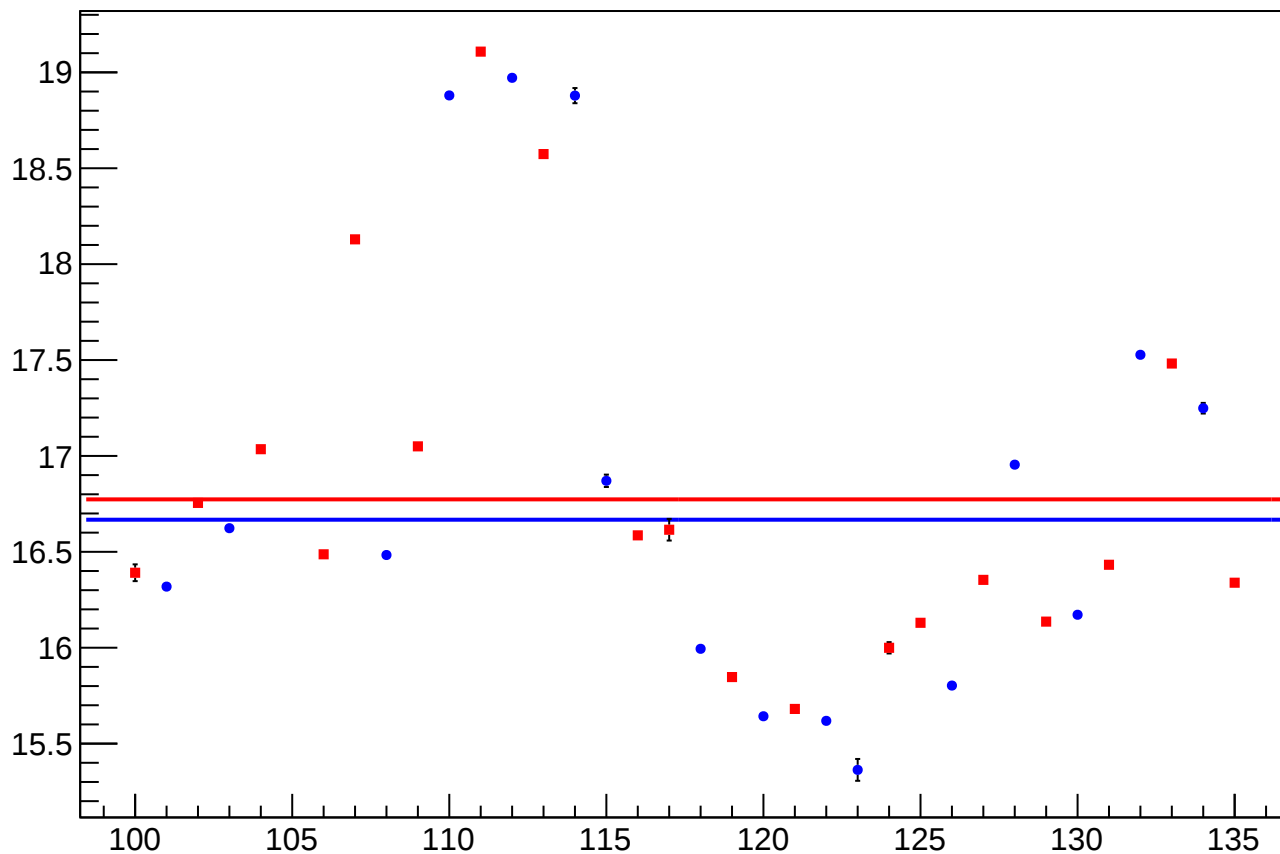
Right Out: -4.808+/-6.350 χ^2/NDF : 13.9/18

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

2.243+/-6.874 χ^2/NDF : 6.7/15

-4.808+/-6.350 χ^2/NDF : 13.9/18

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

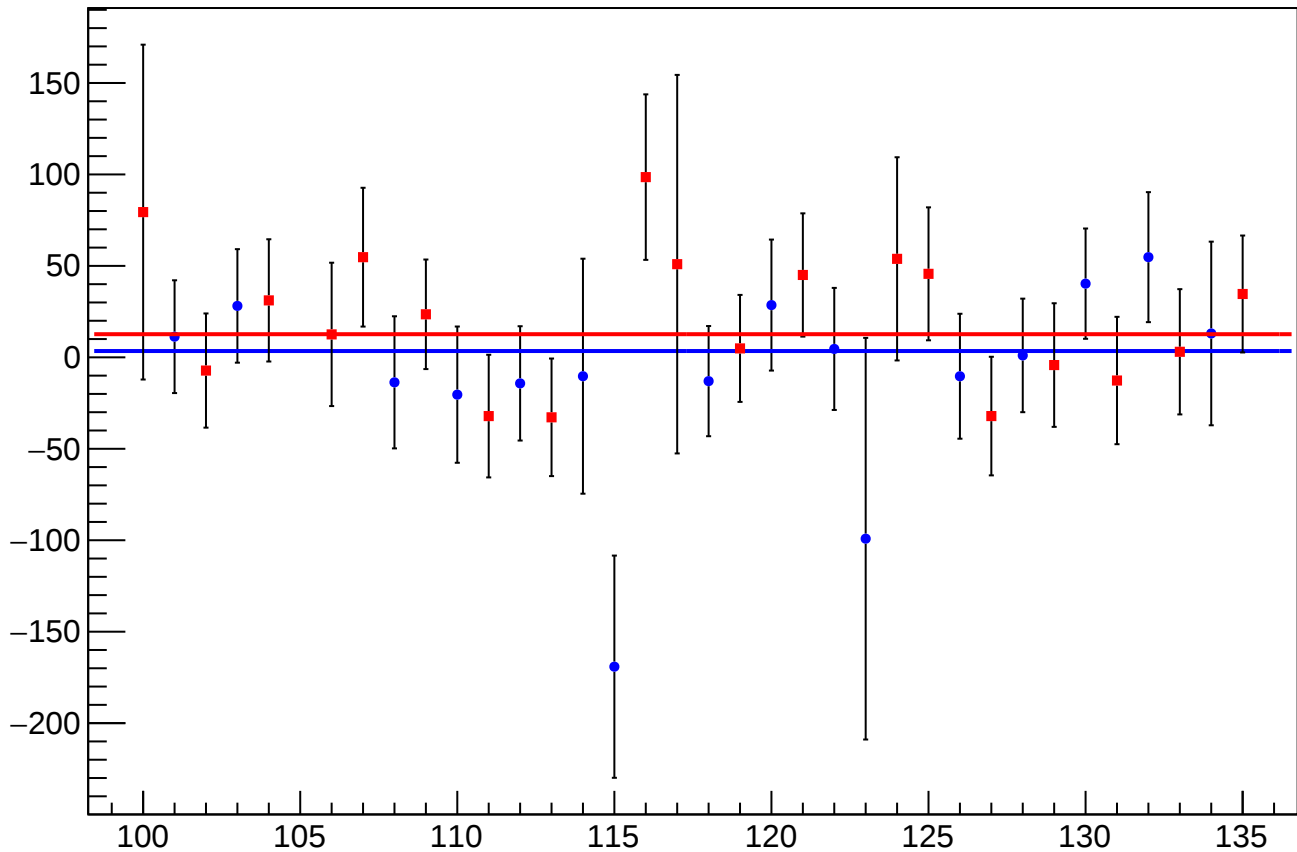
Right Out: 16.773+/-0.004 χ^2/NDF : 39470.0/18

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

16.667+/-0.005 χ^2/NDF : 42447.4/15

16.773+/-0.004 χ^2/NDF : 39470.0/18

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

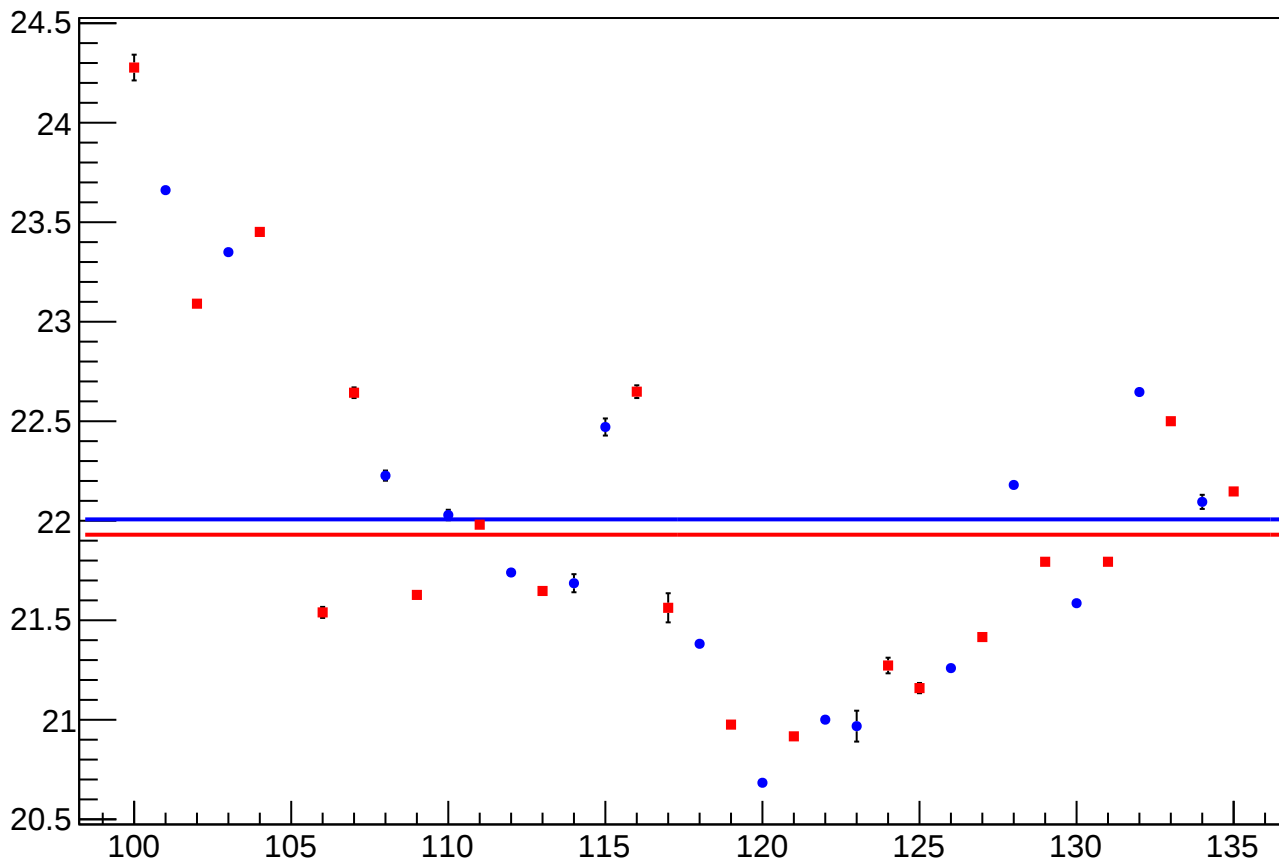
Right Out: 12.653 $\pm$ 8.289 χ^2 /NDF: 15.7/18

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

3.448 $\pm$ 9.068 χ^2 /NDF: 15.2/15

12.653 $\pm$ 8.289 χ^2 /NDF: 15.7/18

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.007 $\pm$ 0.006 χ^2 /NDF: 17543.4/15

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

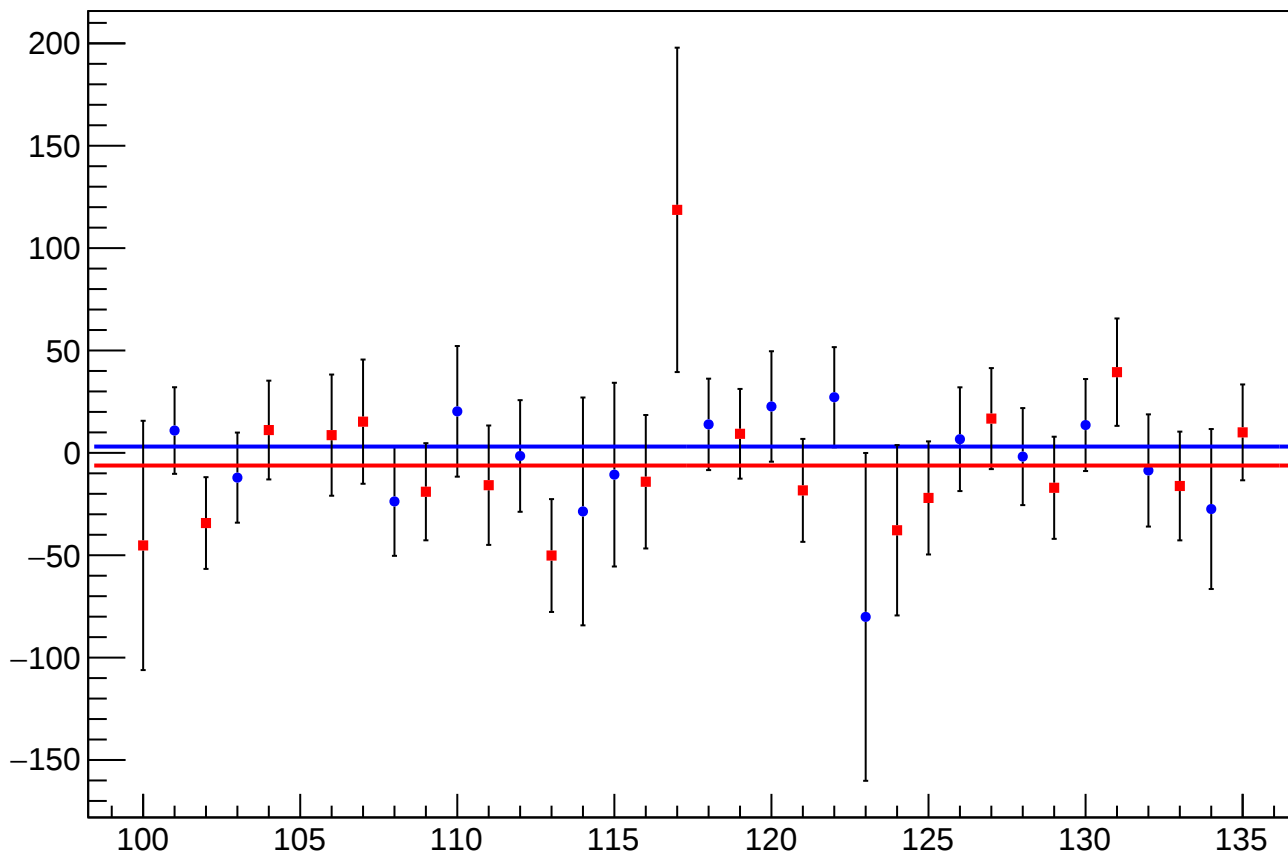
Right Out: 21.930 $\pm$ 0.006 χ^2 /NDF: 16353.3/18

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

22.007 $\pm$ 0.006 χ^2 /NDF: 17543.4/15

21.930 $\pm$ 0.006 χ^2 /NDF: 16353.3/18

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

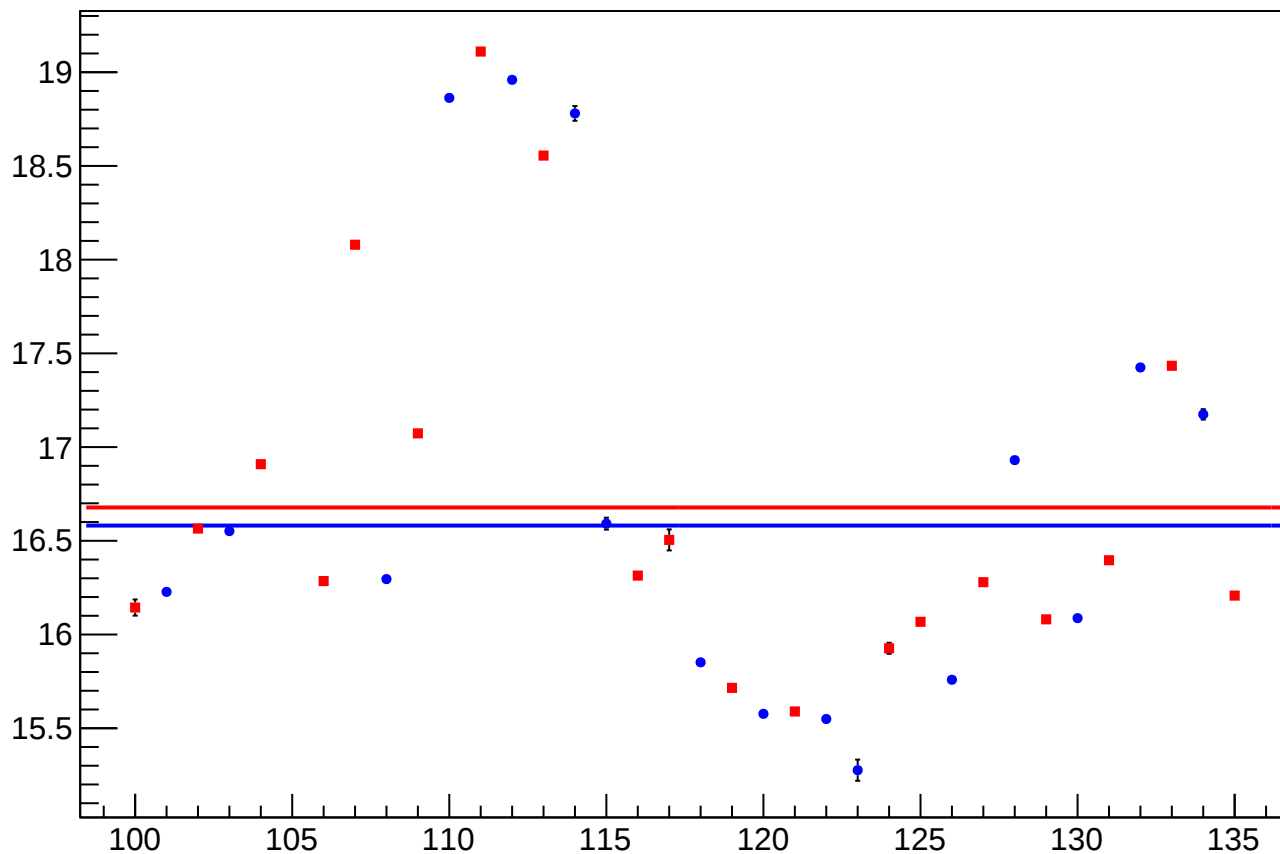
Right Out: -6.187+/-6.314 χ^2/NDF : 15.1/18

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

3.081+/-6.839 χ^2/NDF : 6.3/15

-6.187+/-6.314 χ^2/NDF : 15.1/18

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

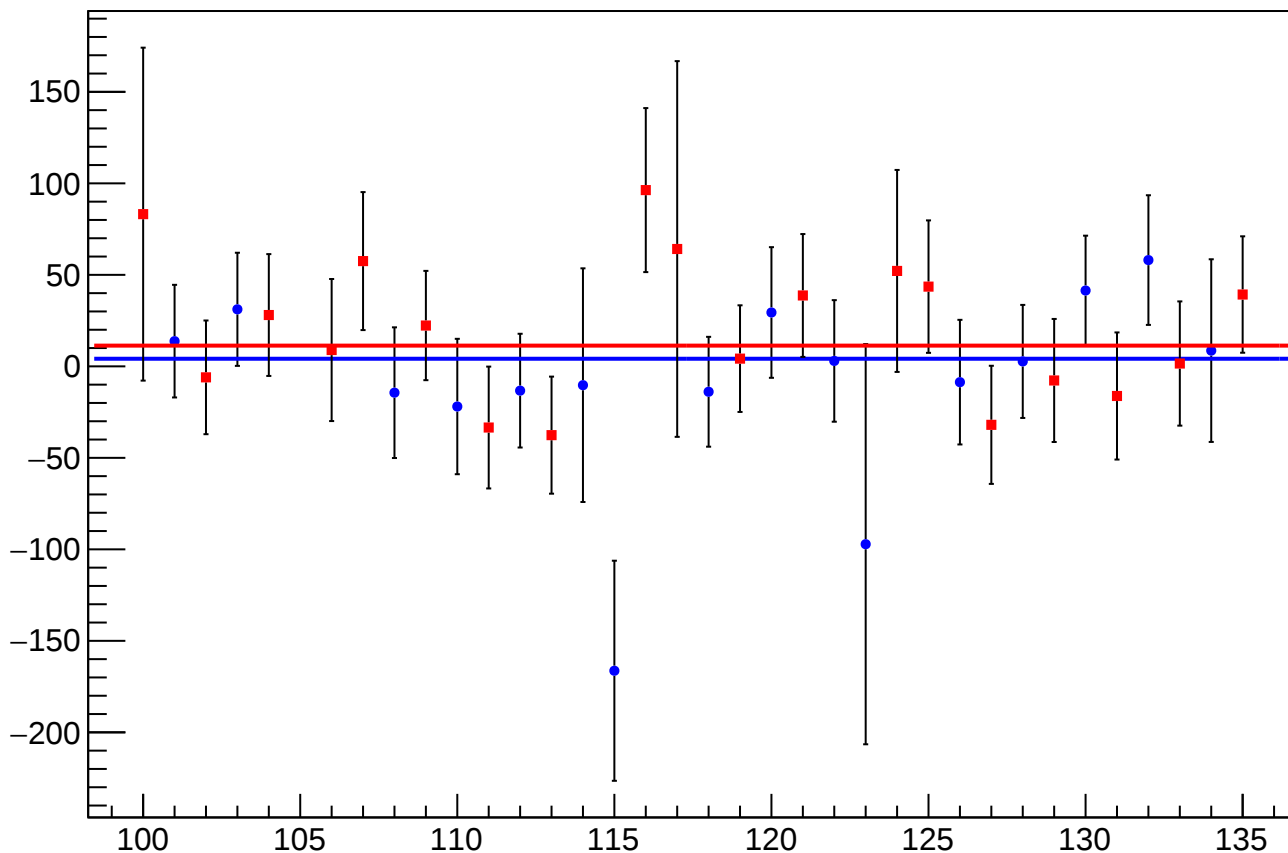
Right Out: 16.678+/-0.004 χ^2/NDF : 42586.7/18

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

16.581+/-0.005 χ^2/NDF : 44231.3/15

16.678+/-0.004 χ^2/NDF : 42586.7/18

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

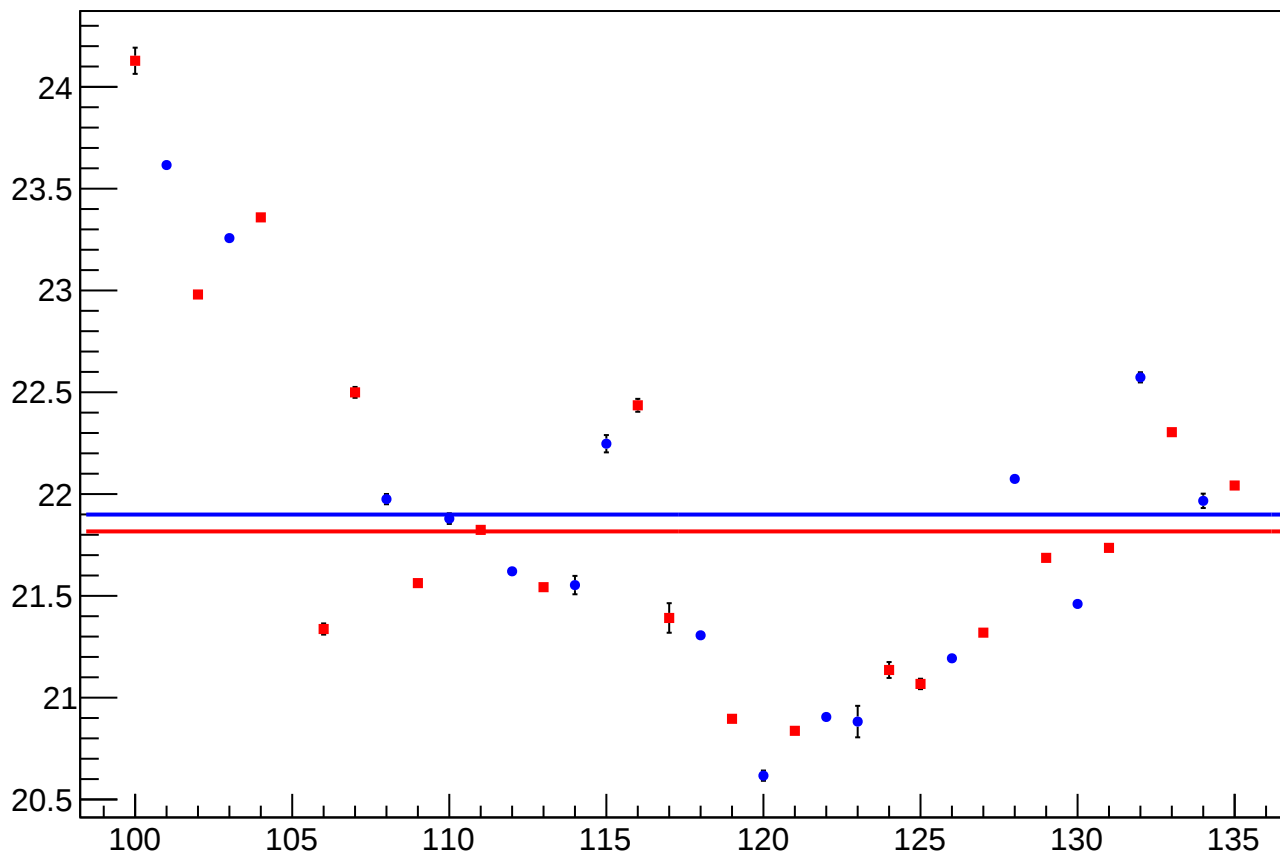
Right Out: 11.328+/-8.246 χ^2/NDF : 16.5/18

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

4.155+/-9.023 χ^2/NDF : 15.8/15

11.328+/-8.246 χ^2/NDF : 16.5/18

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

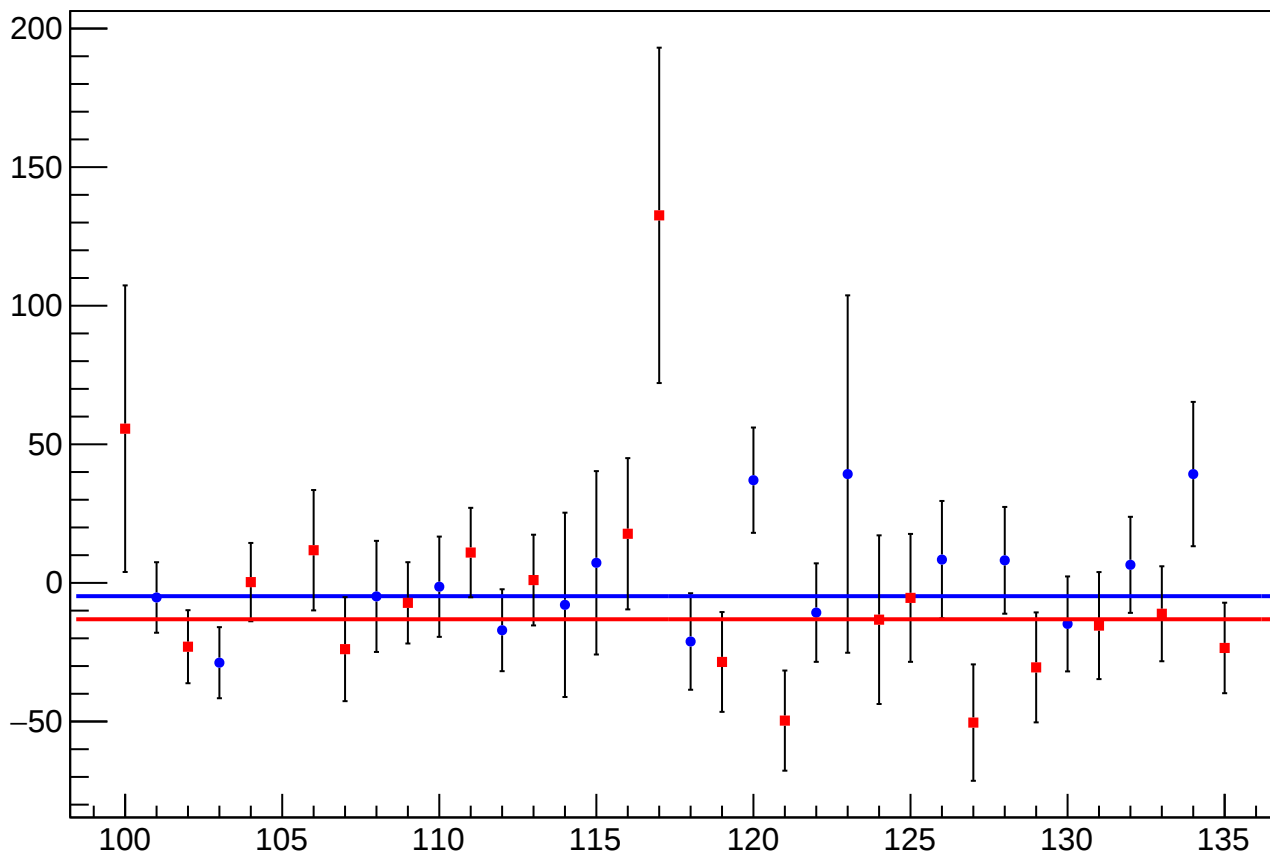
Right Out: 21.817+/-0.006 χ^2/NDF : 15949.6/18

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

21.899+/-0.006 χ^2/NDF : 17787.5/15

21.817+/-0.006 χ^2/NDF : 15949.6/18

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

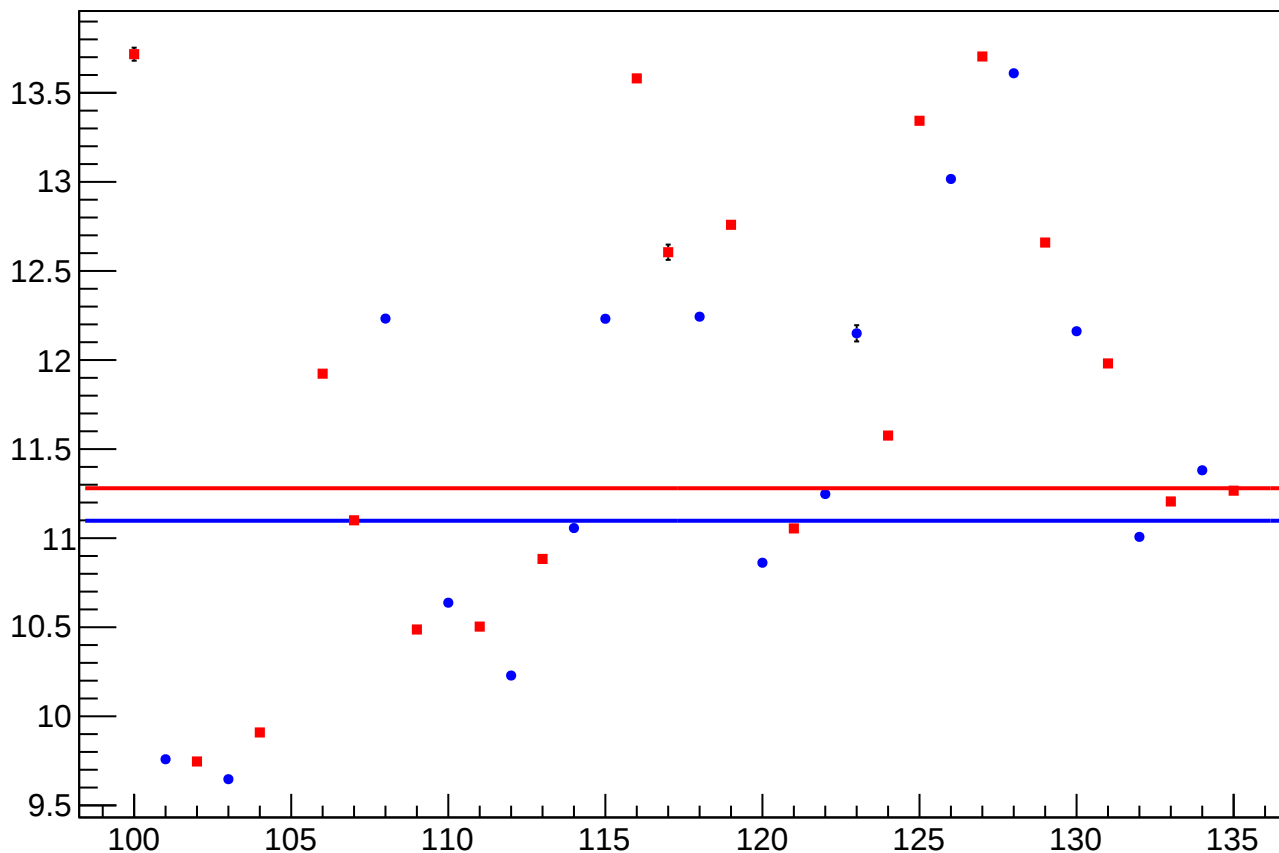
Right Out: -13.119 ± 4.315 χ^2/NDF : 24.4/18

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

-4.789 ± 4.621 χ^2/NDF : 15.2/15

-13.119 ± 4.315 χ^2/NDF : 24.4/18

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

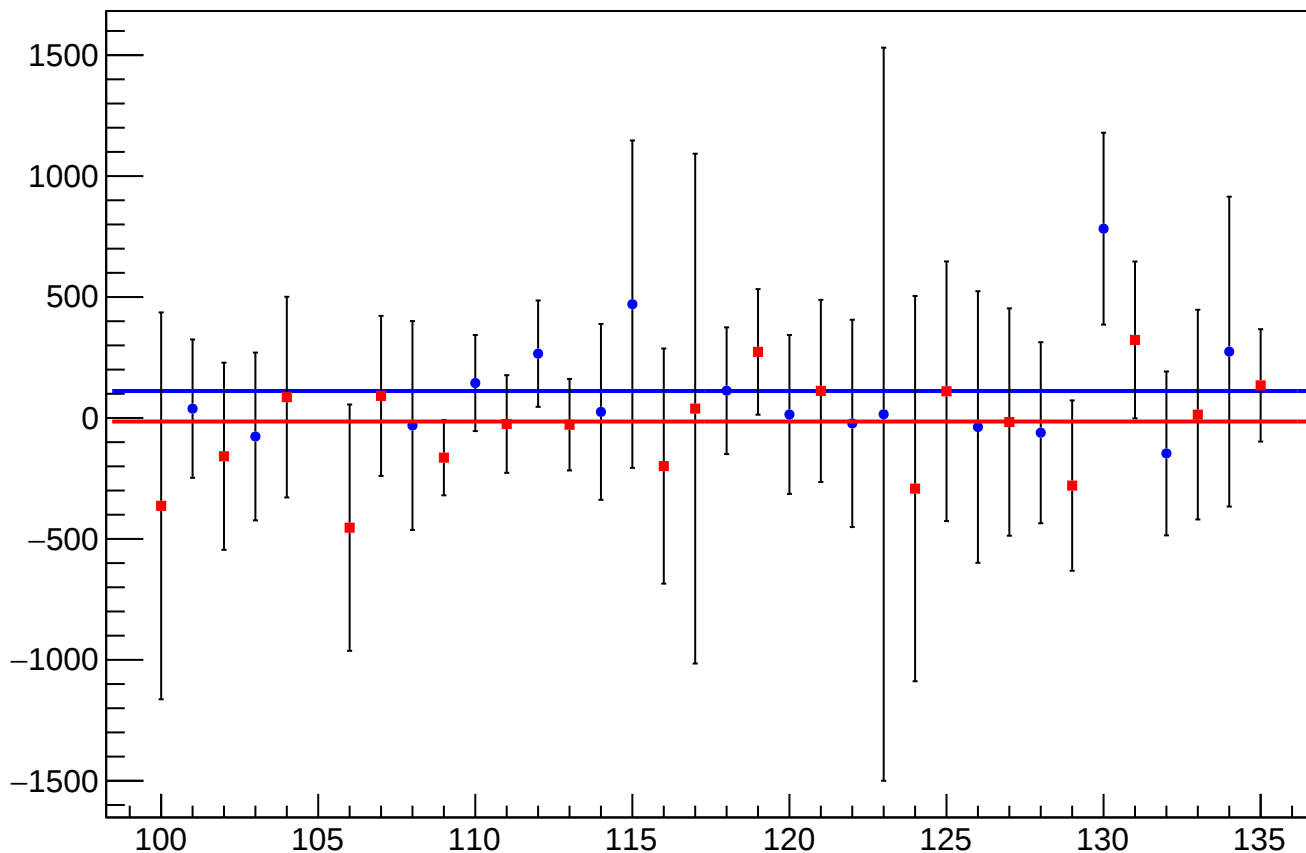
11.098+/-0.003 χ^2/NDF : 132830.7/15

Right Out: 11.280+/-0.003 χ^2/NDF : 148107.9/18

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

11.280+/-0.003 χ^2/NDF : 148107.9/18

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

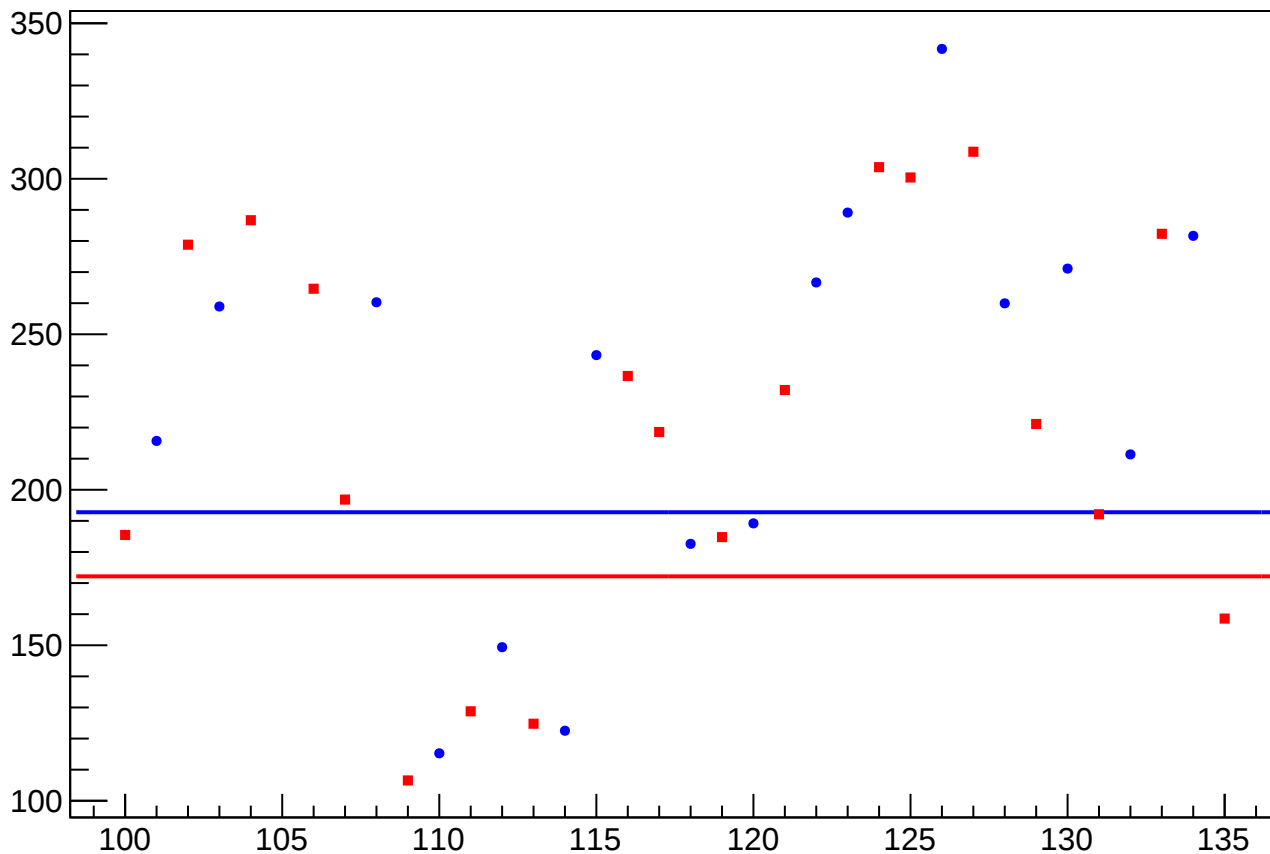
Right Out: -14.685+/-70.922 χ^2/NDF : 5.9/18

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

111.485+/-84.744 χ^2/NDF : 5.3/15

-14.685+/-70.922 χ^2/NDF : 5.9/18

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

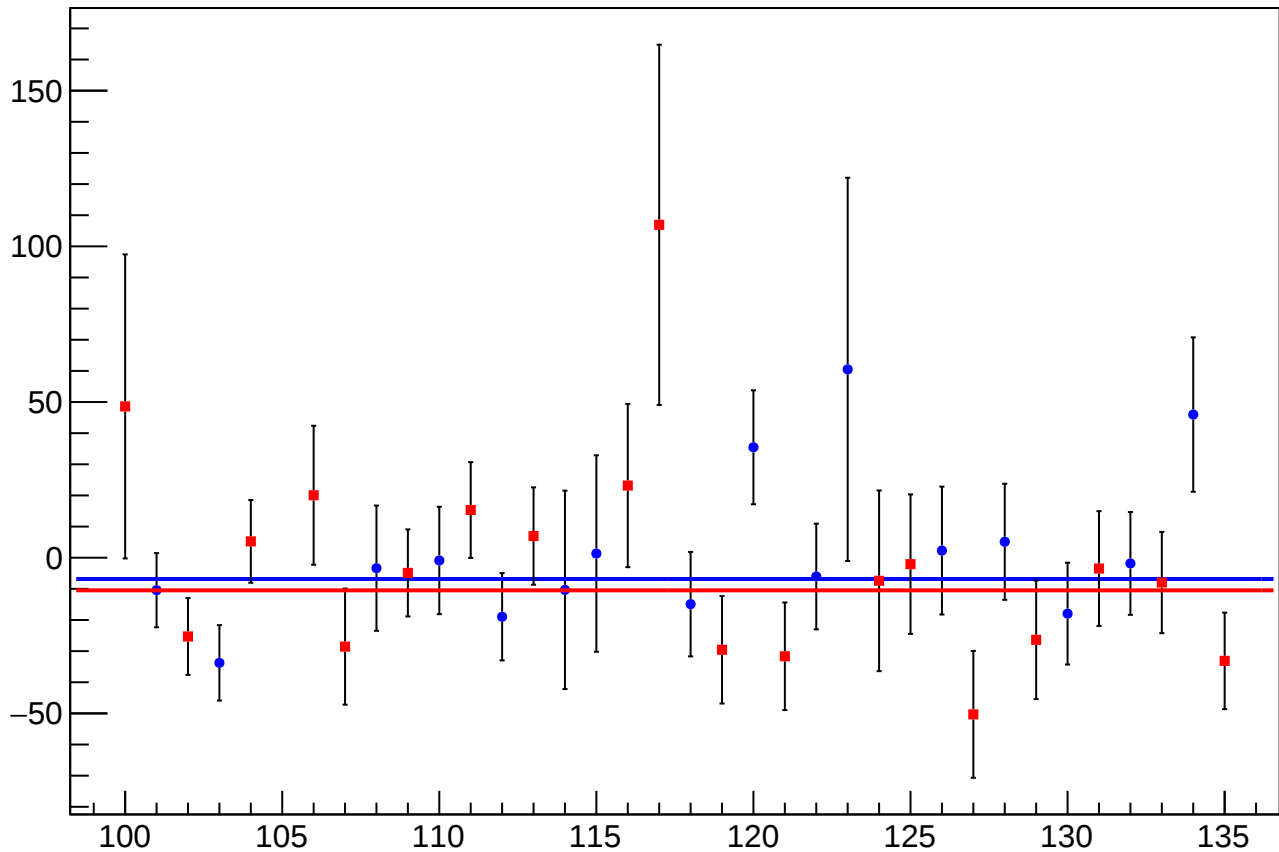
Right Out: 172.163+/-0.050 χ^2/NDF : 1569436.7/18

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

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

172.163+/-0.050 χ^2/NDF : 1569436.7/18

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

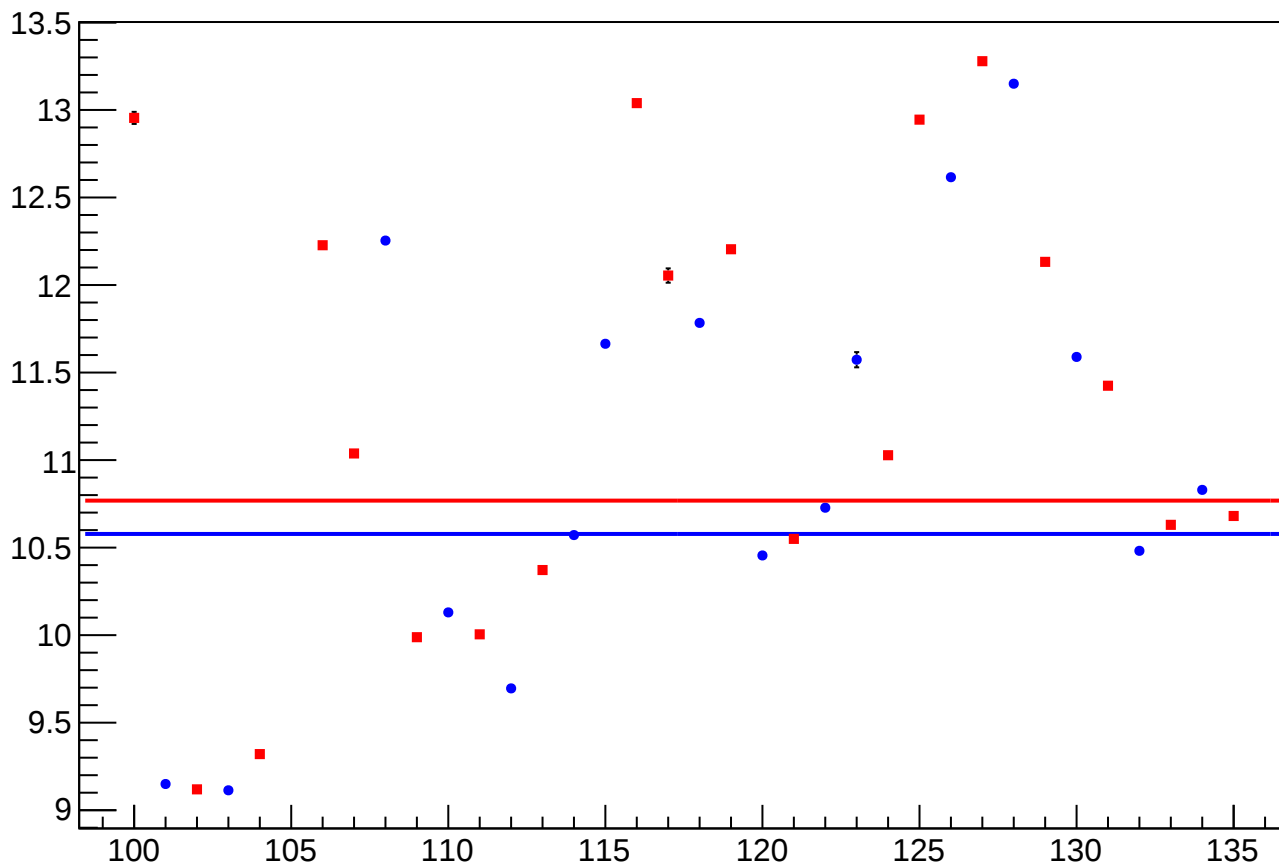
Right Out: -10.481+/-4.128 χ^2/NDF : 26.8/18

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

-6.836+/-4.414 χ^2/NDF : 18.5/15

-10.481+/-4.128 χ^2/NDF : 26.8/18

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

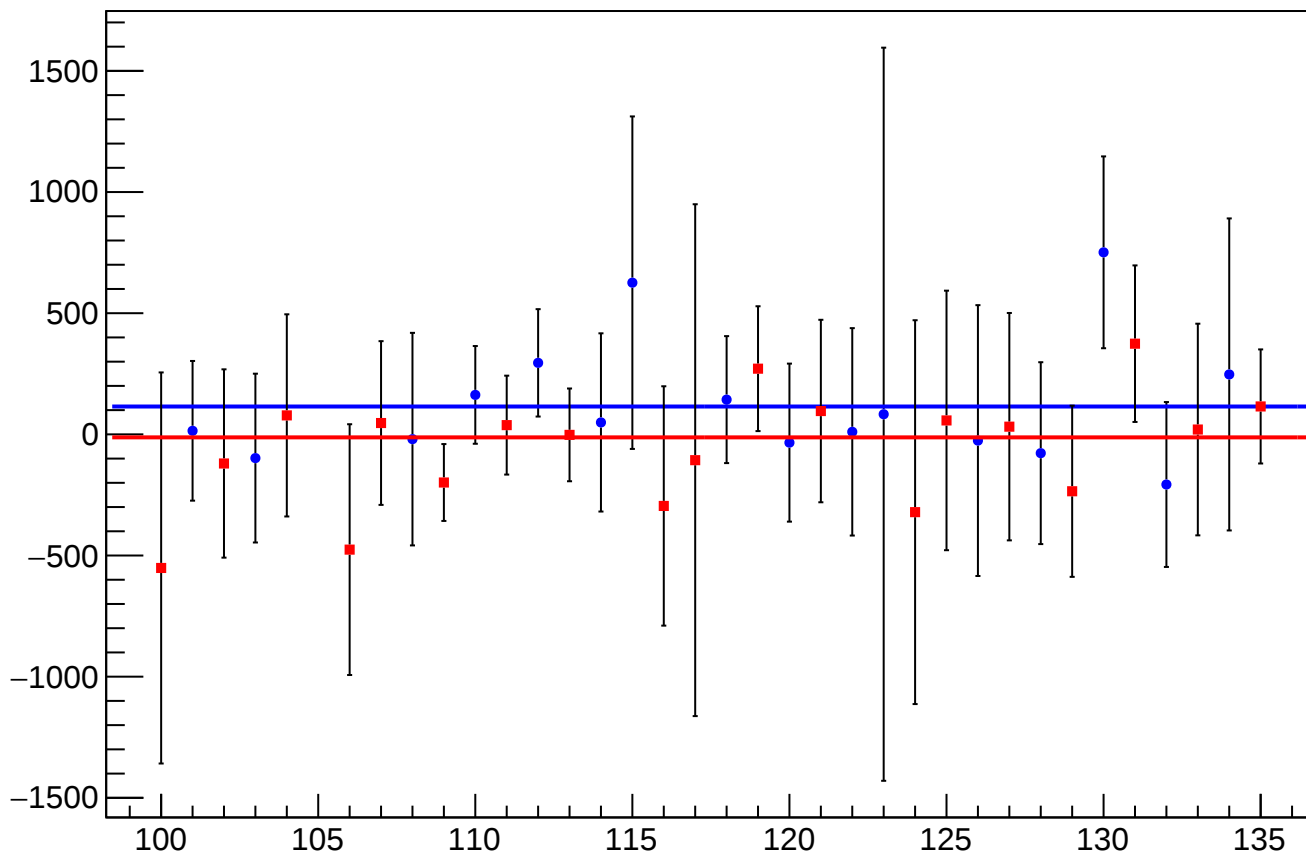
Right Out: 10.768+/-0.003 χ^2/NDF : 177491.6/18

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

10.578+/-0.003 χ^2/NDF : 160230.3/15

10.768+/-0.003 χ^2/NDF : 177491.6/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 114.902+/-85.265 χ^2/NDF : 6.0/15

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

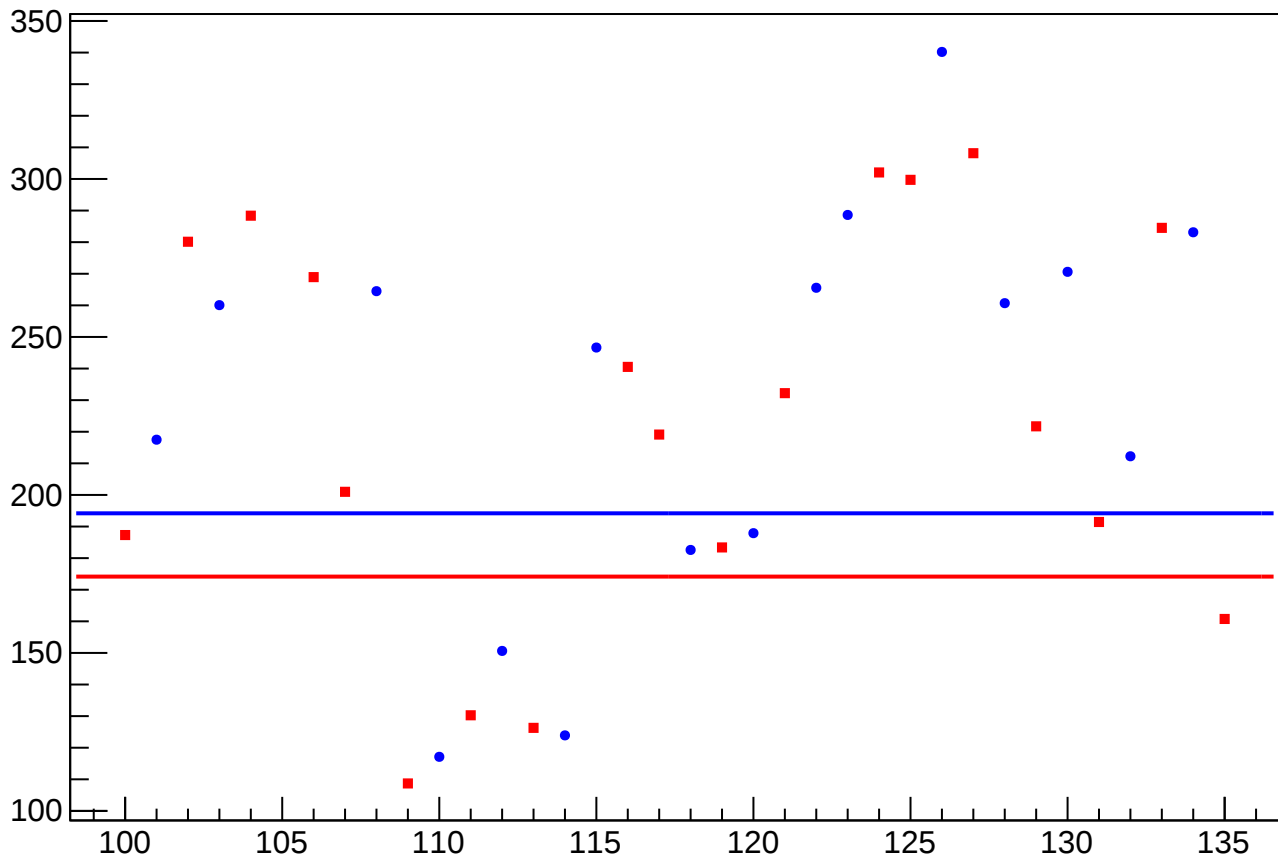
Right Out: -12.426+/-71.598 χ^2/NDF : 6.8/18

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

114.902+/-85.265 χ^2/NDF : 6.0/15

-12.426+/-71.598 χ^2/NDF : 6.8/18

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

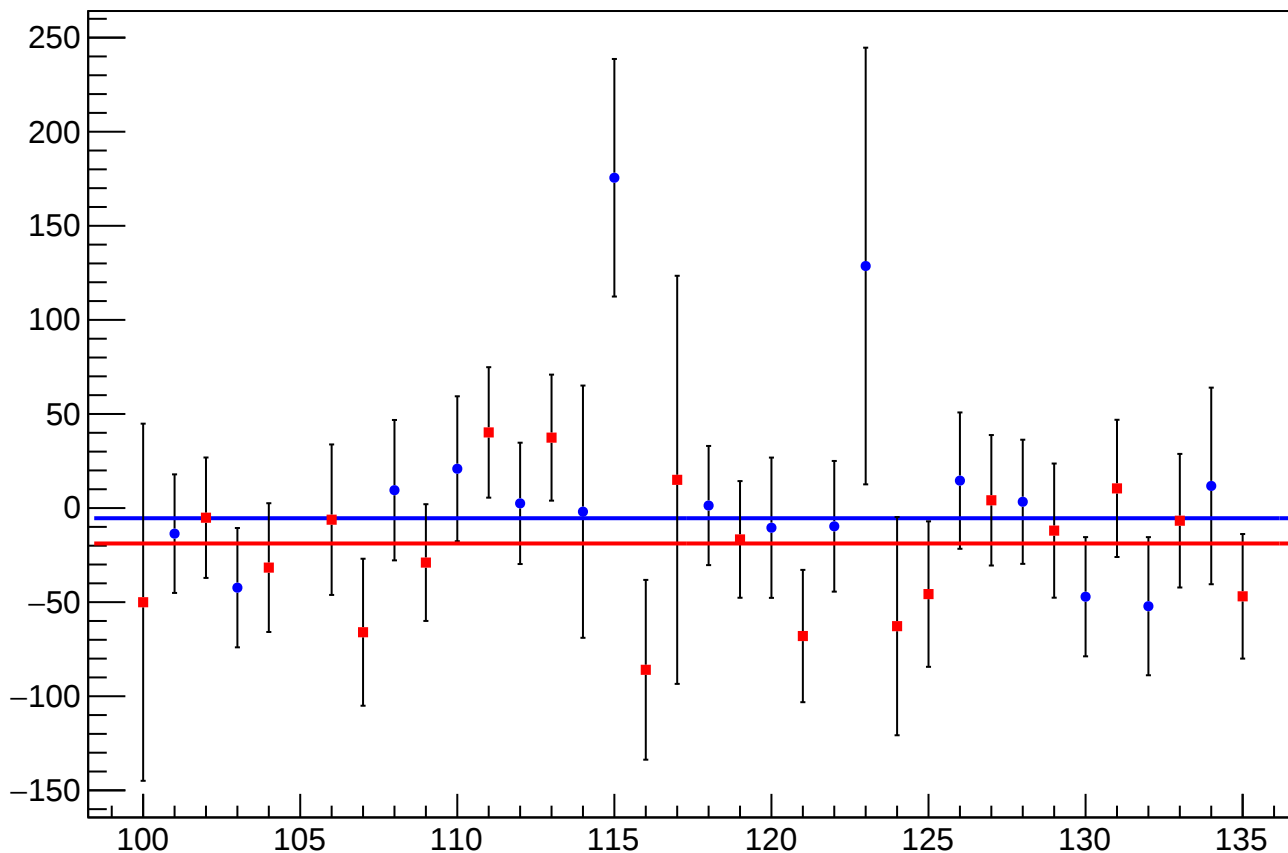
194.186+/-0.060 χ^2/NDF : 975842.6/15

Right Out: 174.158+/-0.051 χ^2/NDF : 1528433.2/18

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

174.158+/-0.051 χ^2/NDF : 1528433.2/18

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

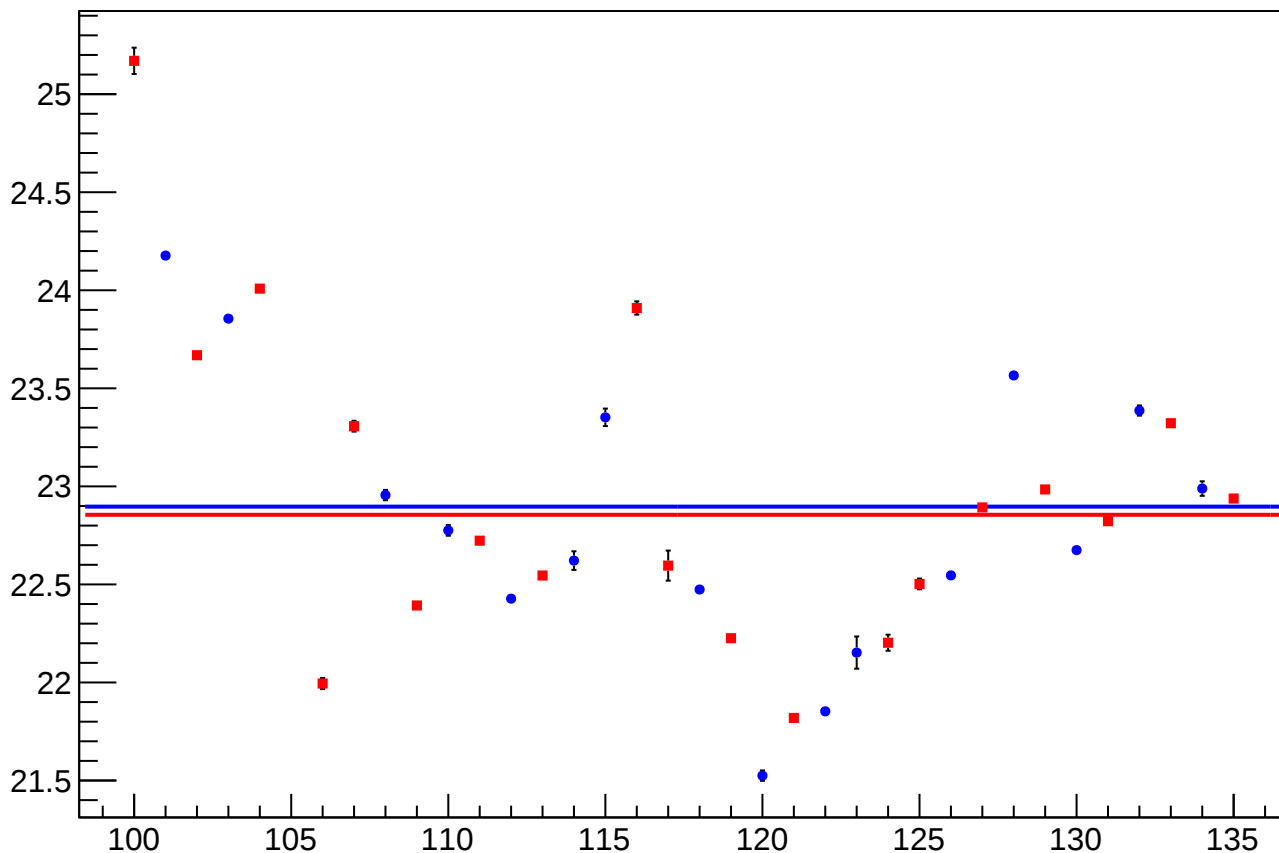
Right Out: -18.819+/-8.638 χ^2/NDF : 14.9/18

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

-5.398+/-9.433 χ^2/NDF : 15.6/15

-18.819+/-8.638 χ^2/NDF : 14.9/18

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

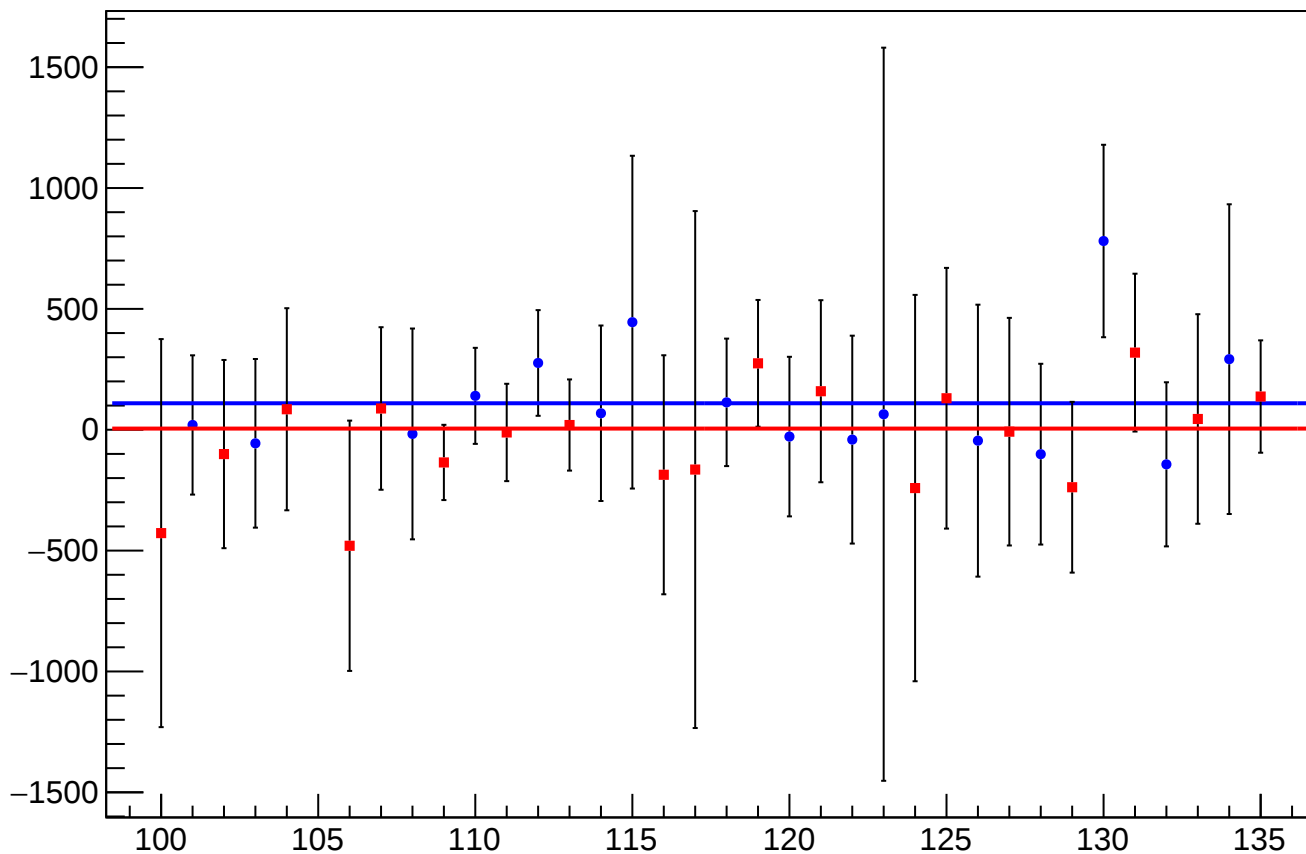
Right Out: 22.855+/-0.006 χ^2/NDF : 10950.1/18

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

22.897+/-0.007 χ^2/NDF : 12142.8/15

22.855+/-0.006 χ^2/NDF : 10950.1/18

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

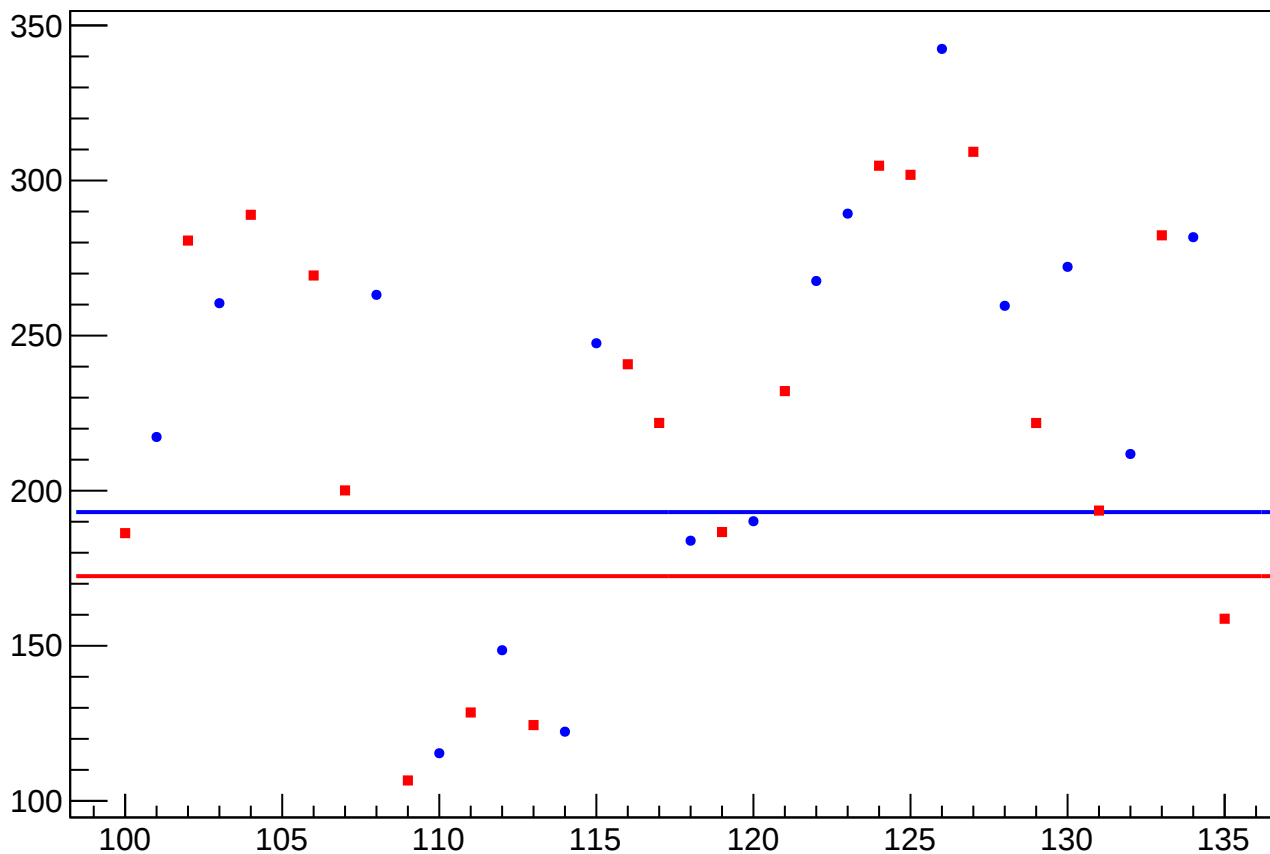
Right Out: 4.824 $\pm$ 71.103 χ^2 /NDF: 5.4/18

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

109.544 $\pm$ 84.937 χ^2 /NDF: 5.4/15

4.824 $\pm$ 71.103 χ^2 /NDF: 5.4/18

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

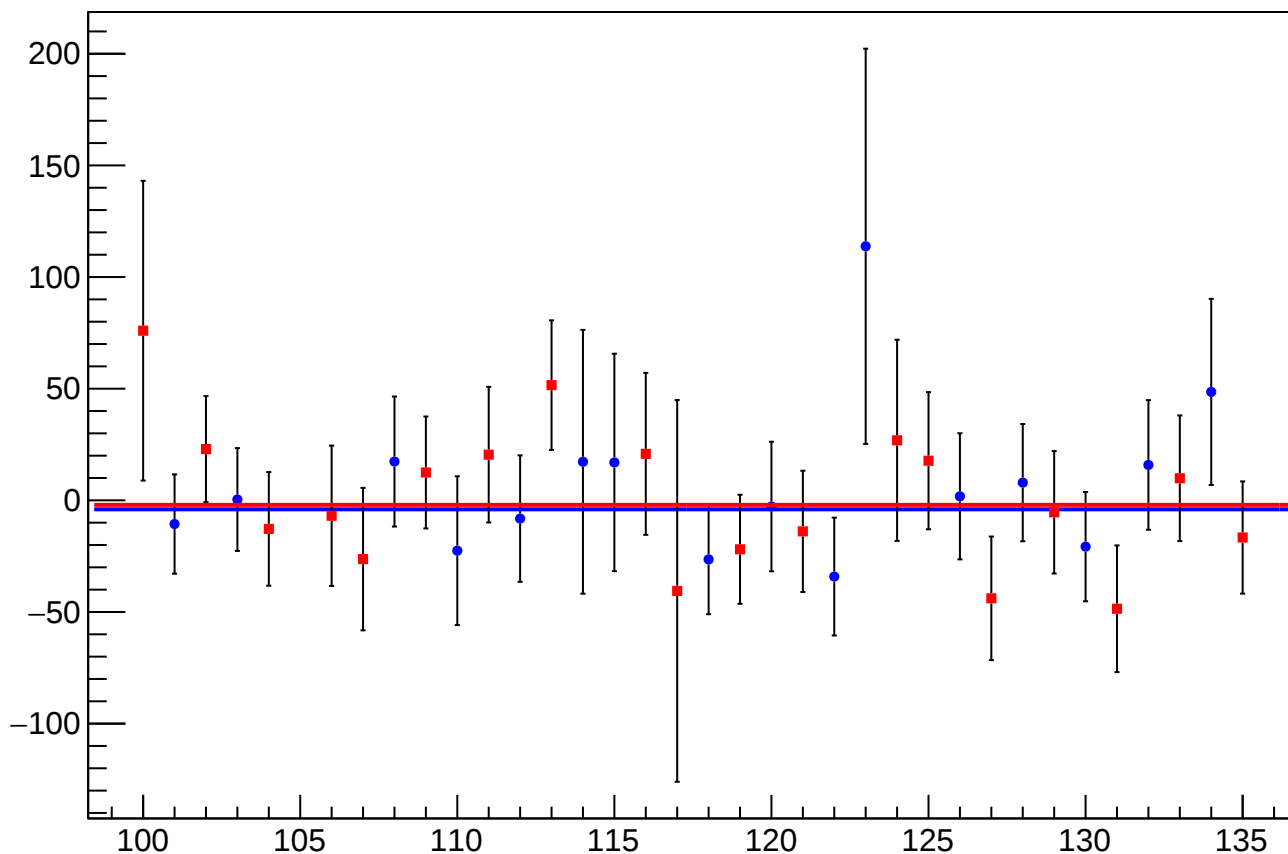
193.102+/-0.060 χ^2/NDF : 1016146.6/15

Right Out: 172.452+/-0.050 χ^2/NDF : 1597181.8/18

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

172.452+/-0.050 χ^2/NDF : 1597181.8/18

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

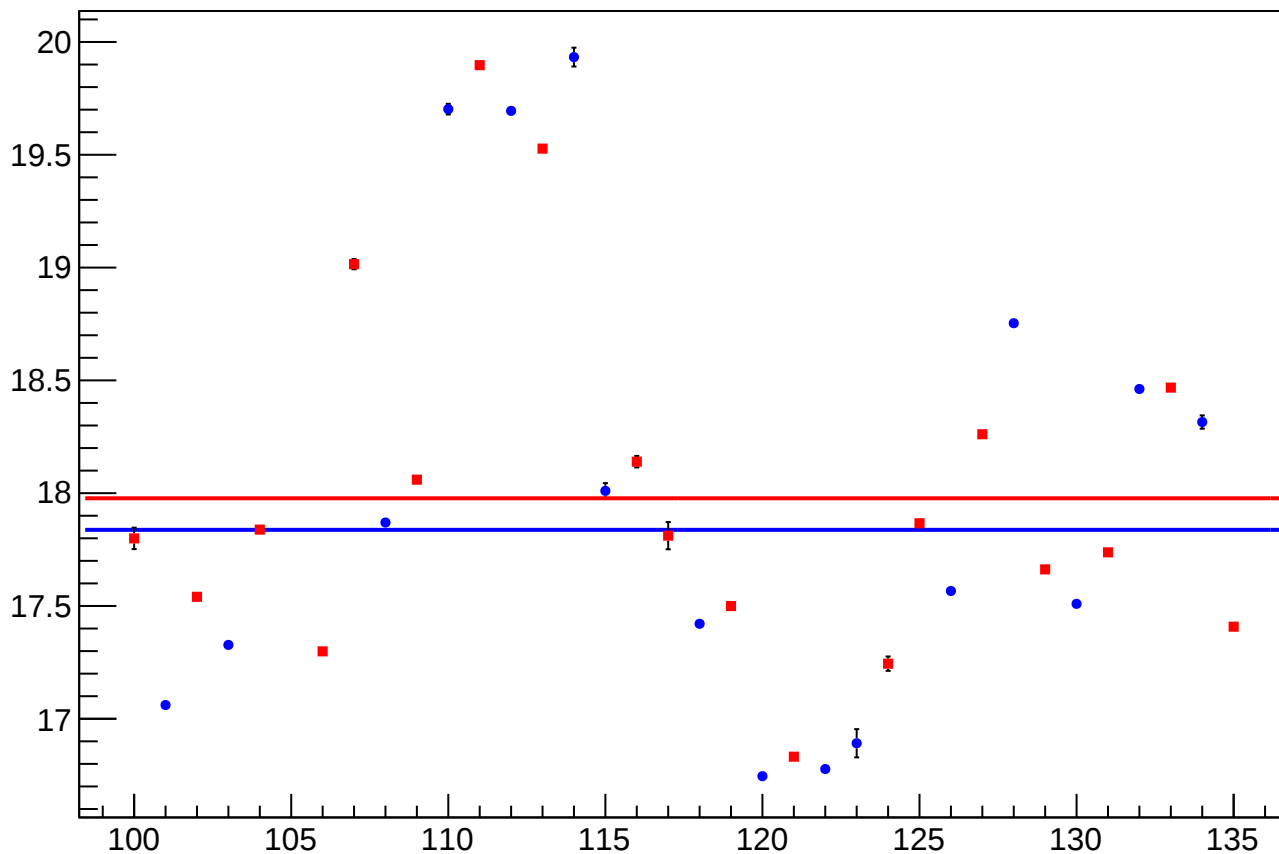
Right Out: -2.015+/-6.803 χ^2/NDF : 15.3/18

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

-4.031+/-7.354 χ^2/NDF : 8.0/15

-2.015+/-6.803 χ^2/NDF : 15.3/18

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

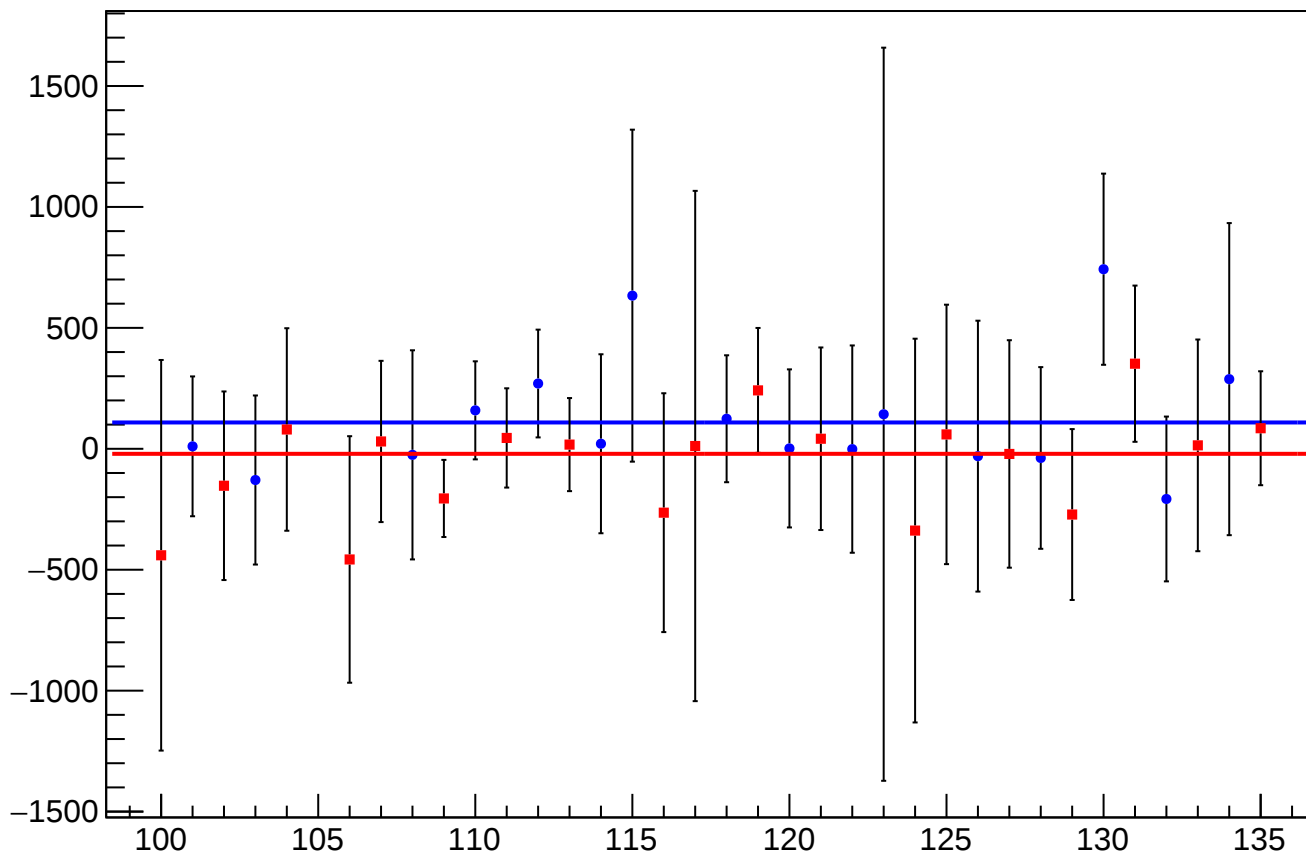
Right Out: 17.977+/-0.005 χ^2/NDF : 24702.0/18

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

17.837+/-0.005 χ^2/NDF : 31859.9/15

17.977+/-0.005 χ^2/NDF : 24702.0/18

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

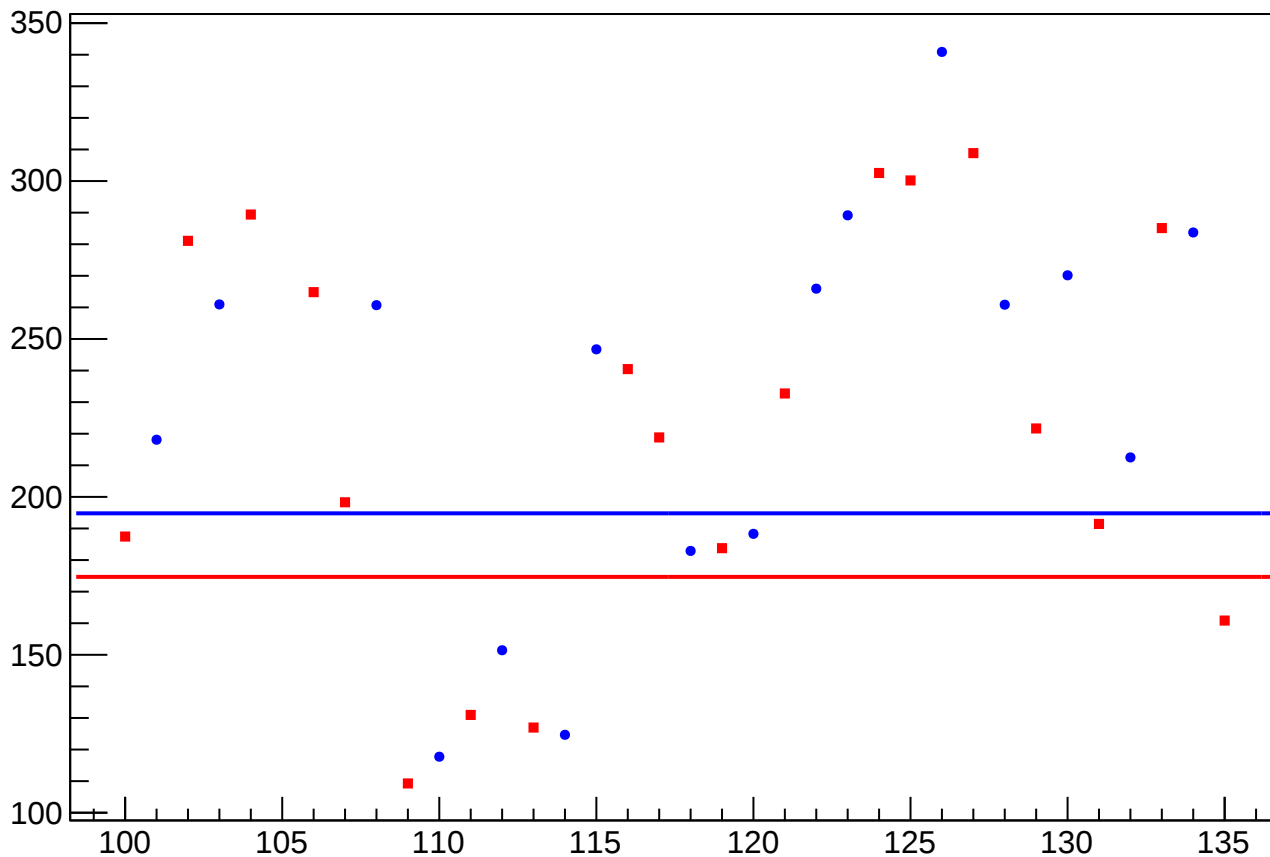
Right Out: -20.762+/-71.755 χ^2/NDF : 6.2/18

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

108.871+/-85.475 χ^2/NDF : 5.8/15

-20.762+/-71.755 χ^2/NDF : 6.2/18

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

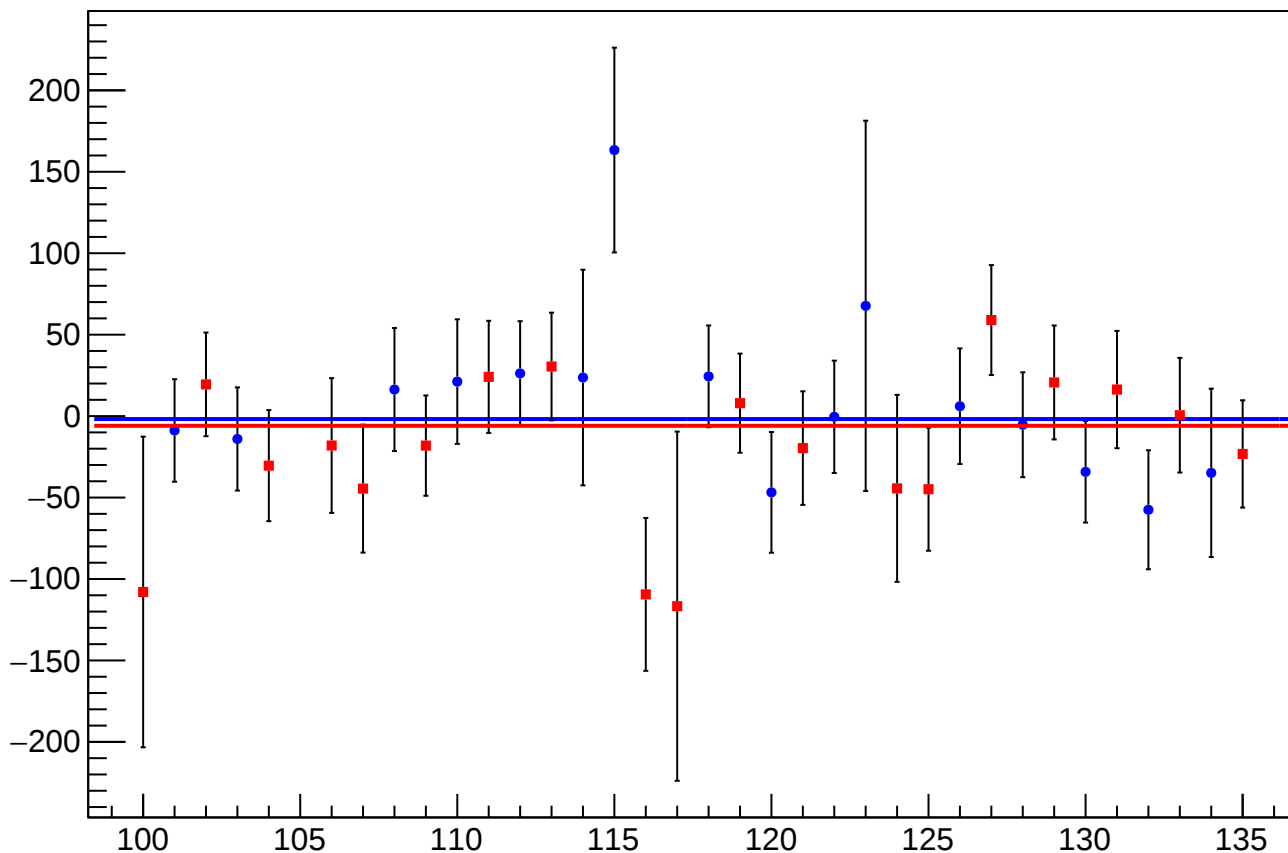
Right Out: 174.671 $\pm$ 0.051 χ^2 /NDF: 1510647.4/18

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

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

174.671 $\pm$ 0.051 χ^2 /NDF: 1510647.4/18

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

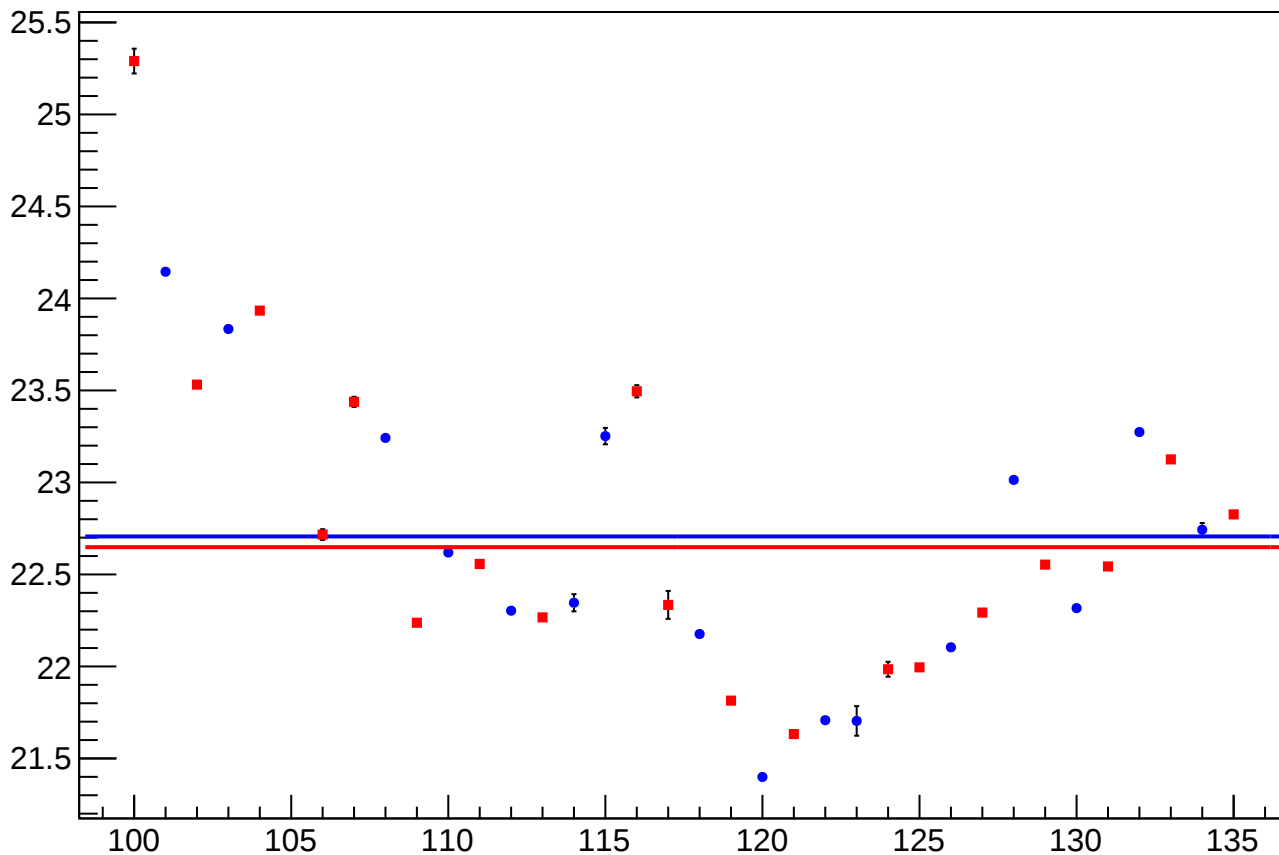
Right Out: -5.941+/-8.559 χ^2/NDF : 18.2/18

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

-1.802+/-9.355 χ^2/NDF : 15.0/15

-5.941+/-8.559 χ^2/NDF : 18.2/18

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

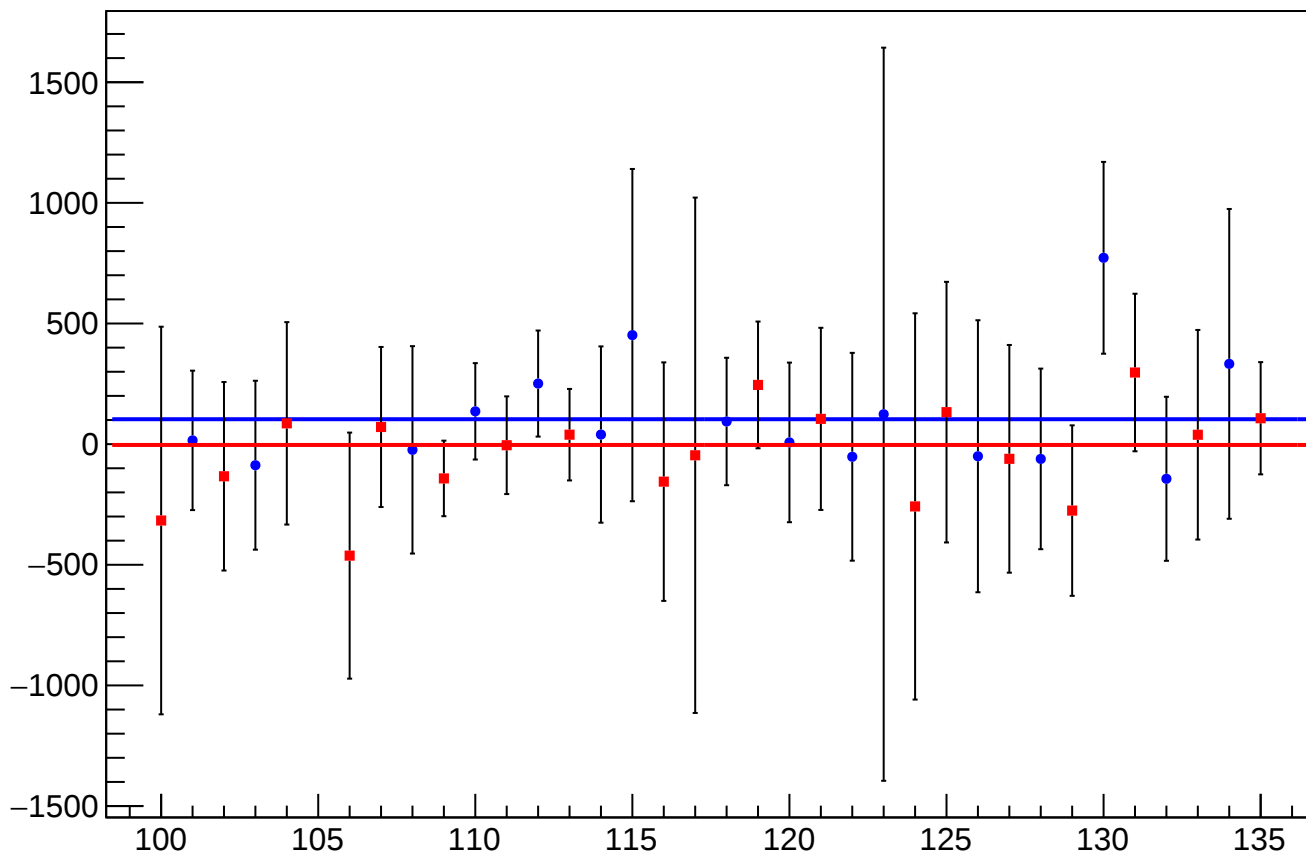
Right Out: 22.648+/-0.006 χ^2/NDF : 12783.2/18

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

22.706+/-0.007 χ^2/NDF : 14104.6/15

22.648+/-0.006 χ^2/NDF : 12783.2/18

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

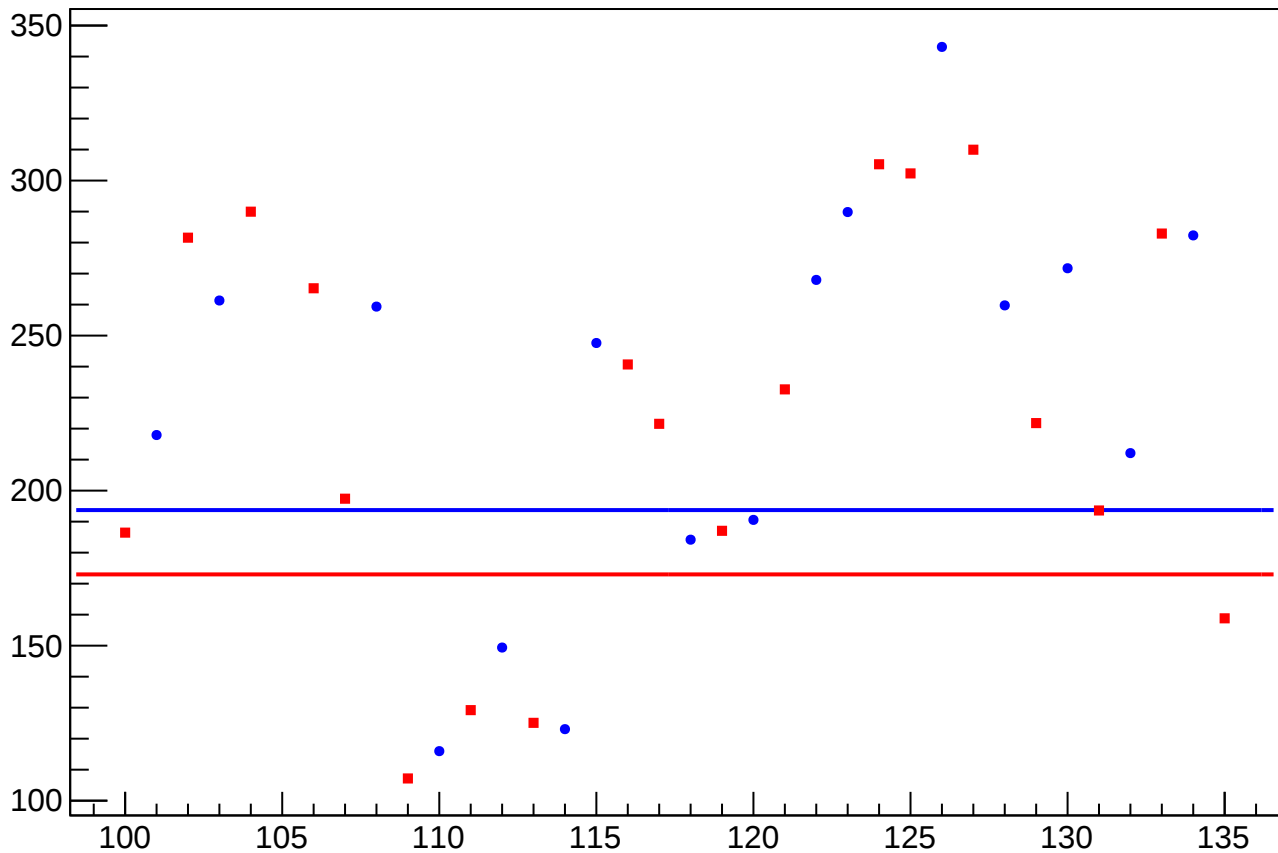
Right Out: -3.353 $\pm$ 71.265 χ^2 /NDF: 4.9/18

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

103.277 $\pm$ 85.150 χ^2 /NDF: 5.2/15

-3.353 $\pm$ 71.265 χ^2 /NDF: 4.9/18

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

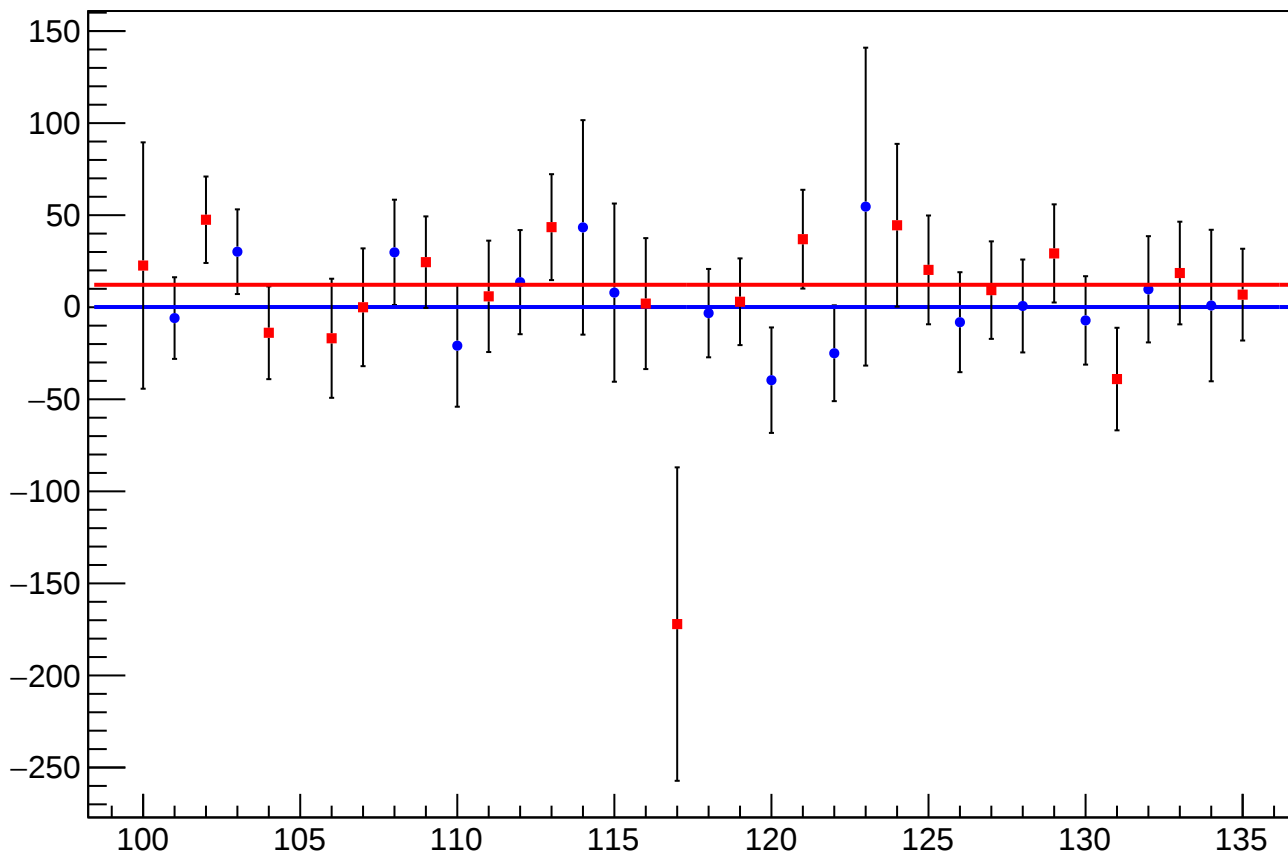
193.725+/-0.060 χ^2/NDF : 1000604.9/15

Right Out: 172.981+/-0.050 χ^2/NDF : 1578505.4/18

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

172.981+/-0.050 χ^2/NDF : 1578505.4/18

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.115 $\pm$ 7.245 χ^2 /NDF: 7.6/15

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

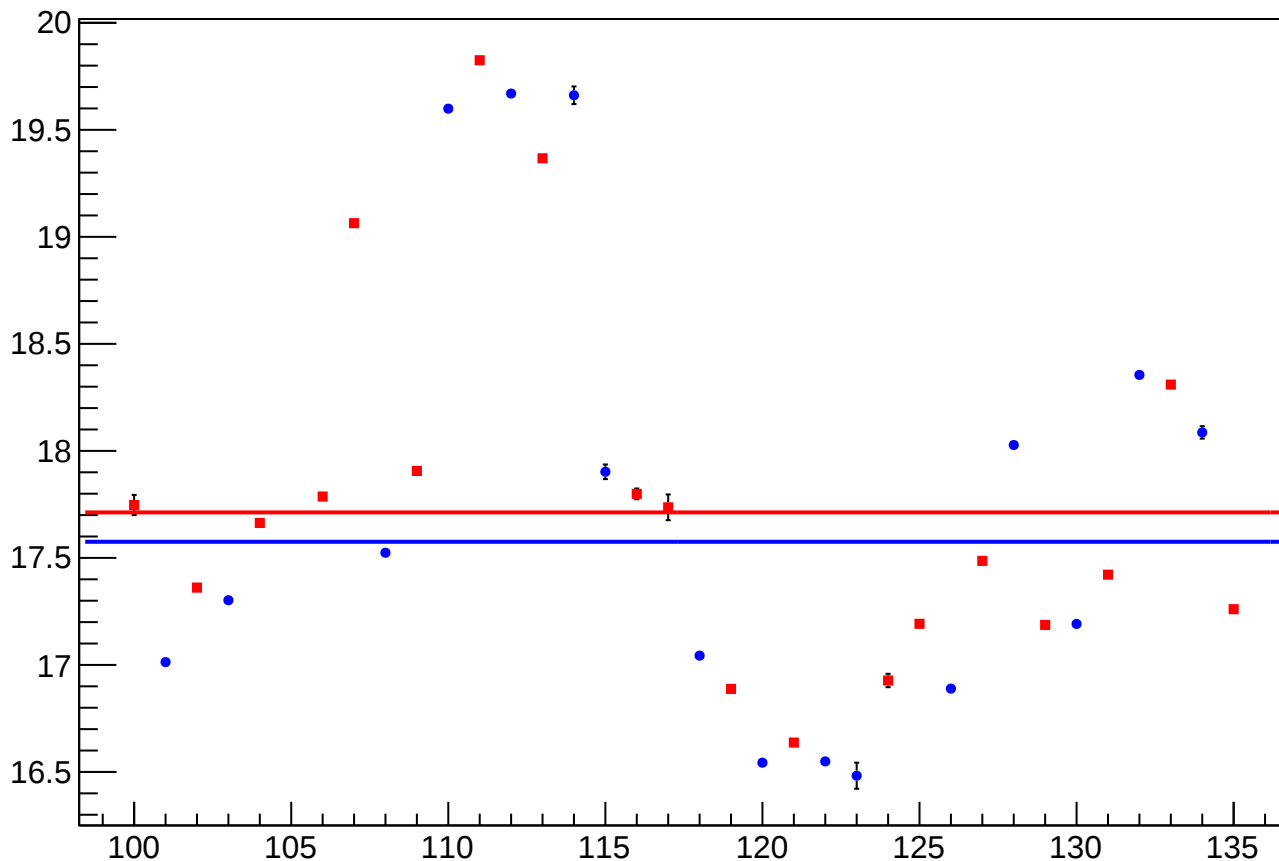
Right Out: 12.195 $\pm$ 6.702 χ^2 /NDF: 16.1/18

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

0.115 $\pm$ 7.245 χ^2 /NDF: 7.6/15

12.195 $\pm$ 6.702 χ^2 /NDF: 16.1/18

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

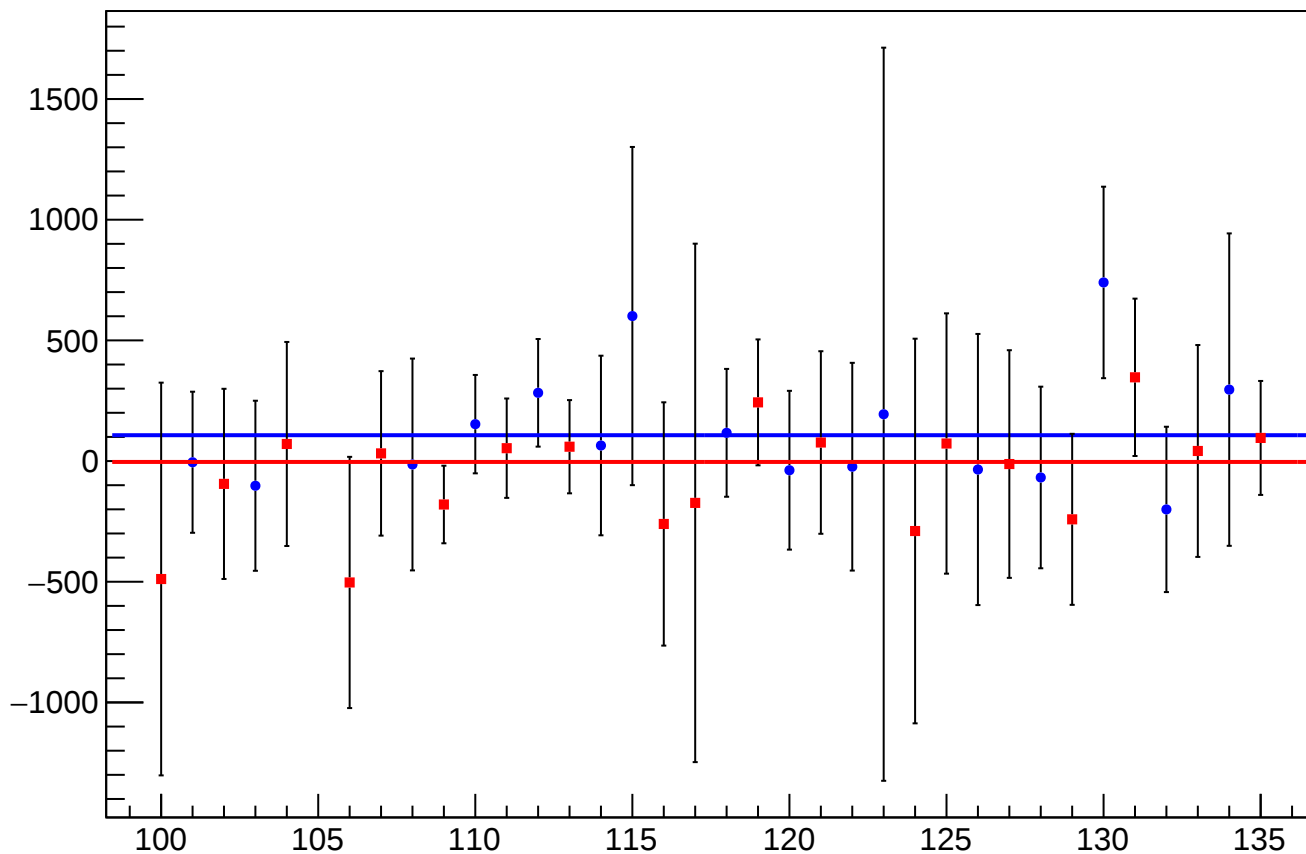
Right Out: 17.713+/-0.005 χ^2/NDF : 30178.0/18

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

17.575+/-0.005 χ^2/NDF : 33856.3/15

17.713+/-0.005 χ^2/NDF : 30178.0/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 107.150 $\pm$ 85.991 χ^2 /NDF: 5.8/15

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

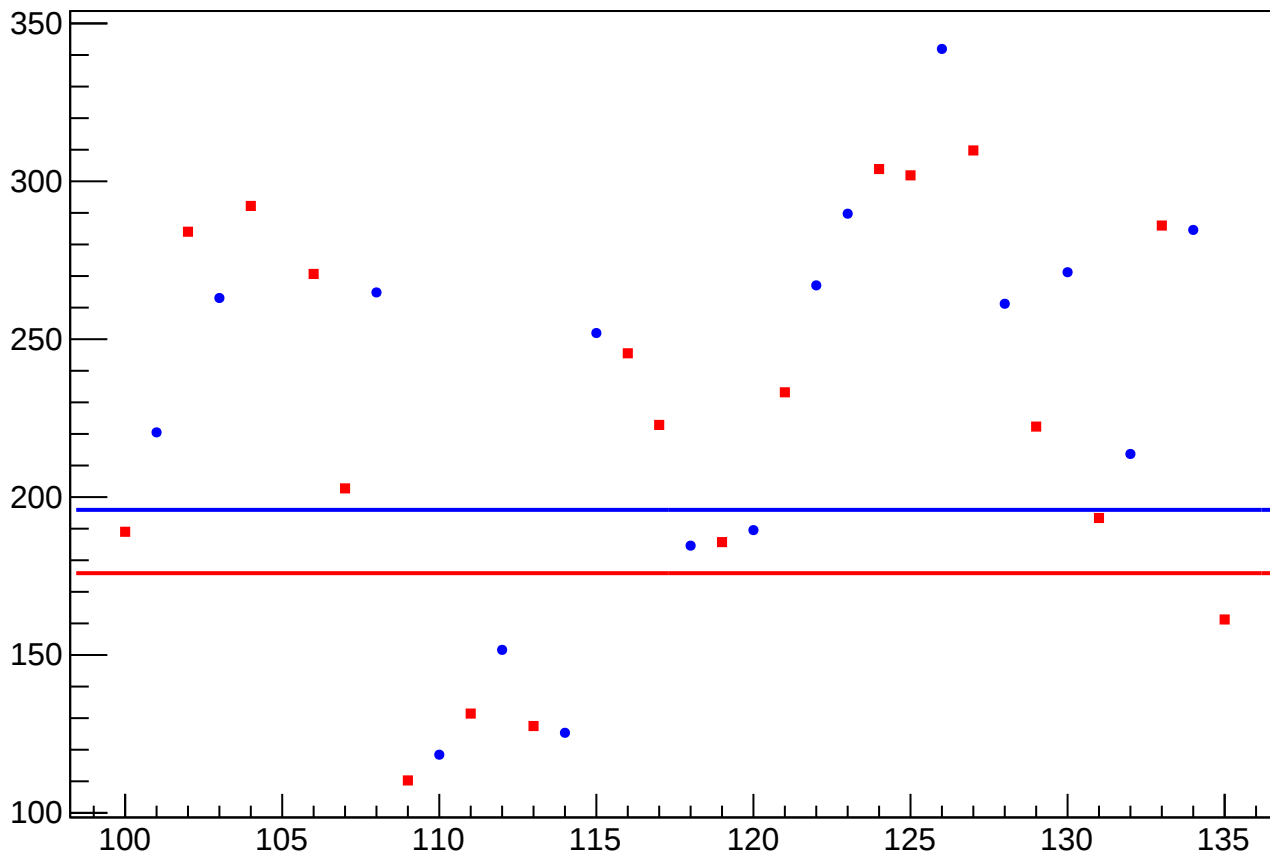
Right Out: -3.626 $\pm$ 72.266 χ^2 /NDF: 5.9/18

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

107.150 $\pm$ 85.991 χ^2 /NDF: 5.8/15

-3.626 $\pm$ 72.266 χ^2 /NDF: 5.9/18

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

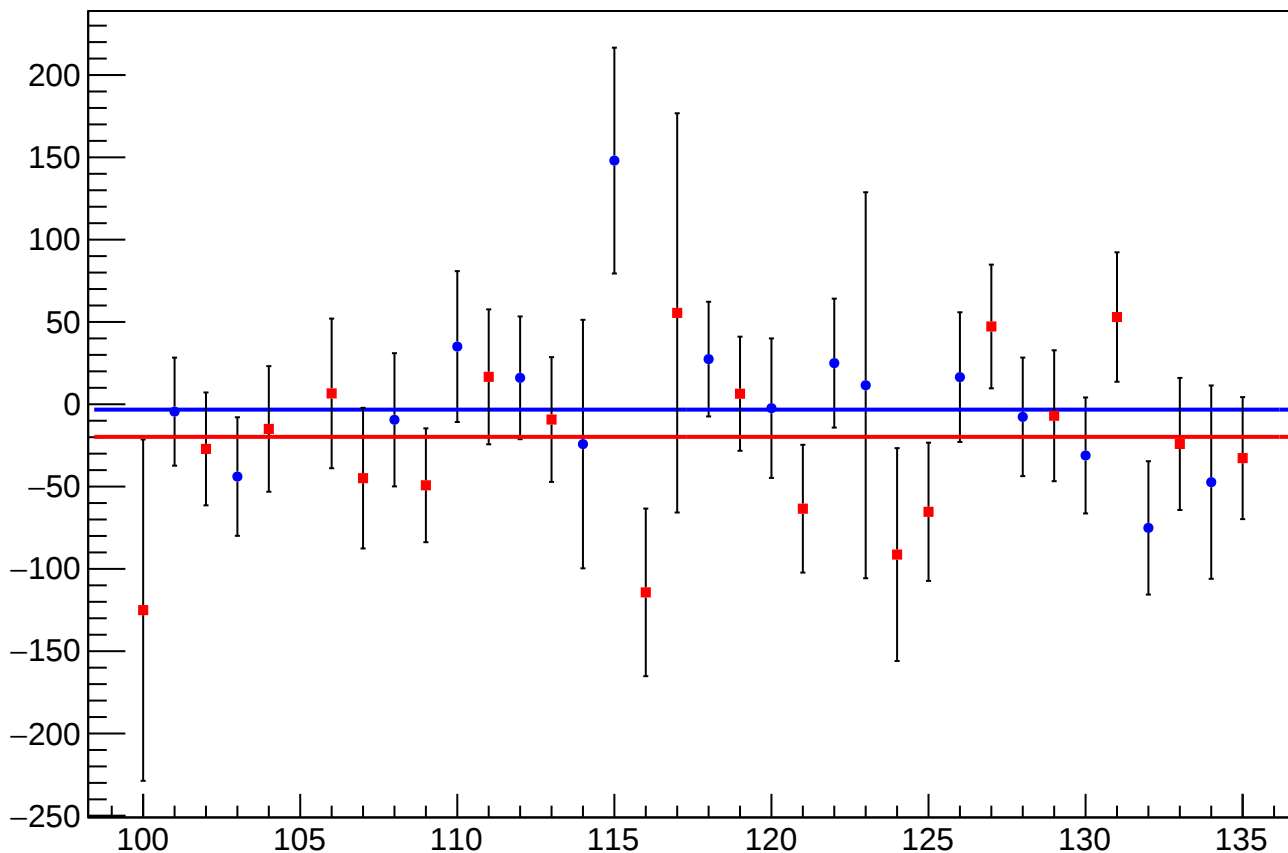
195.957 $\pm$ 0.061 χ^2 /NDF: 965834.0/15

Right Out: 175.907 $\pm$ 0.051 χ^2 /NDF: 1519978.5/18

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

175.907 $\pm$ 0.051 χ^2 /NDF: 1519978.5/18

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

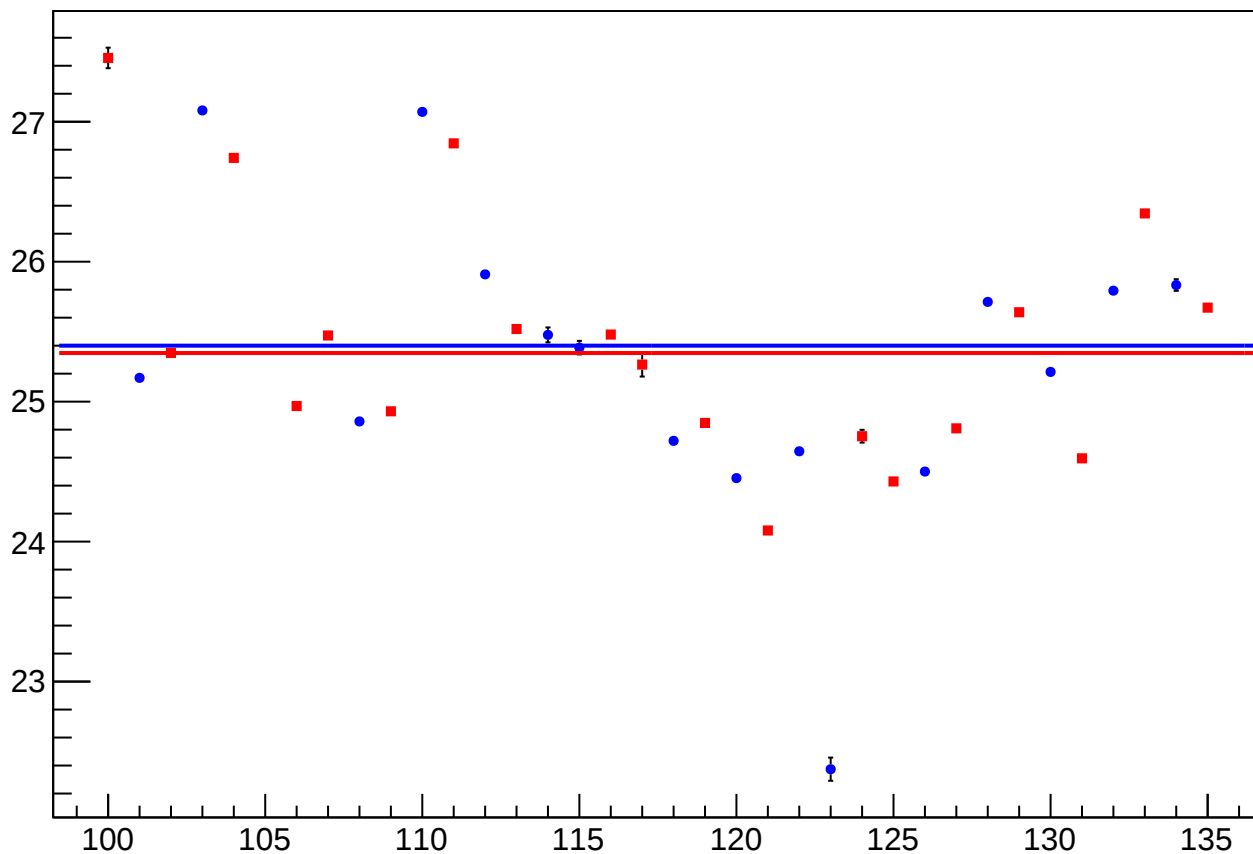
Right Out: -19.804+/-9.585 χ^2/NDF : 18.3/18

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

-3.254+/-10.471 χ^2/NDF : 13.1/15

-19.804+/-9.585 χ^2/NDF : 18.3/18

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

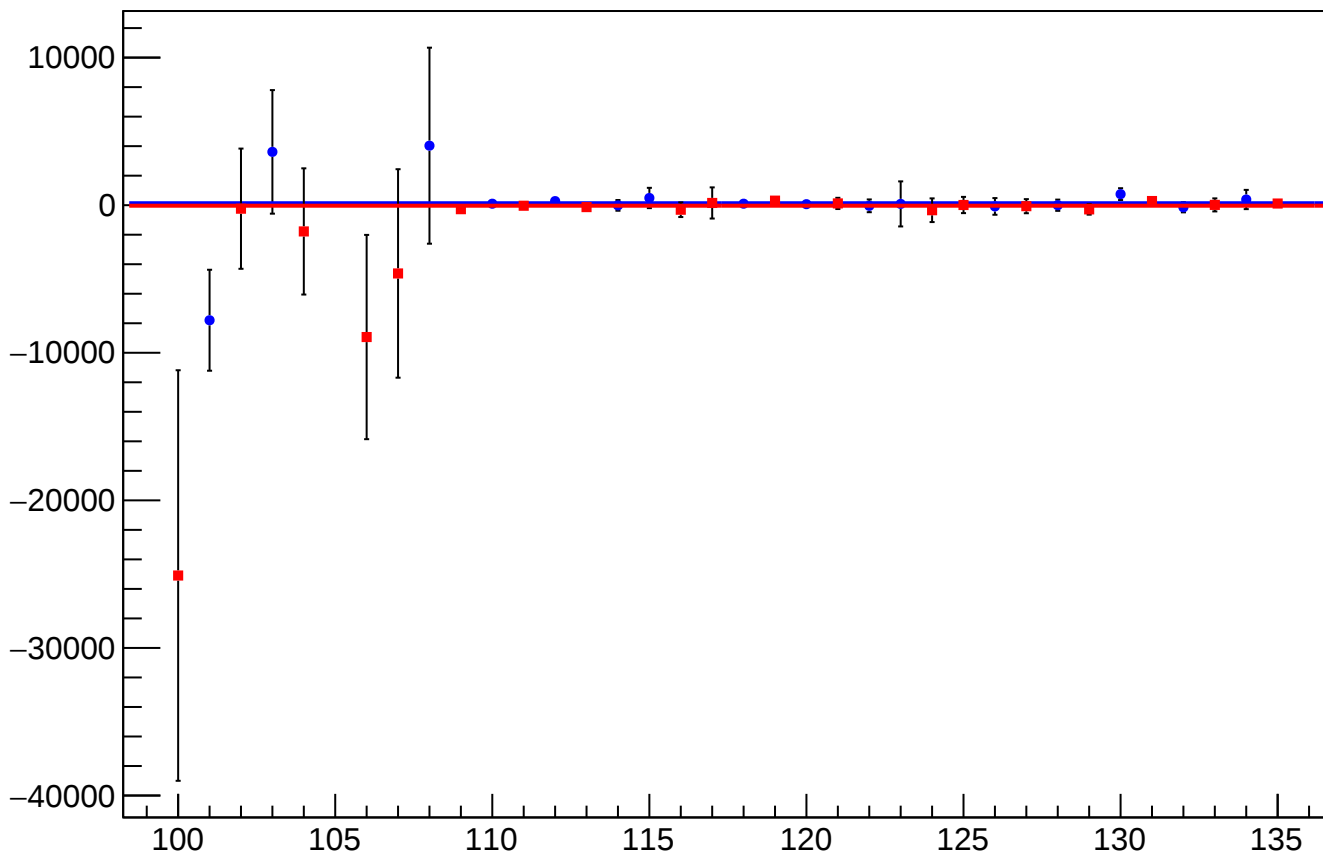
Right Out: 25.347+/-0.007 χ^2/NDF : 12983.8/18

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

25.400+/-0.007 χ^2/NDF : 13227.4/15

25.347+/-0.007 χ^2/NDF : 12983.8/18

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

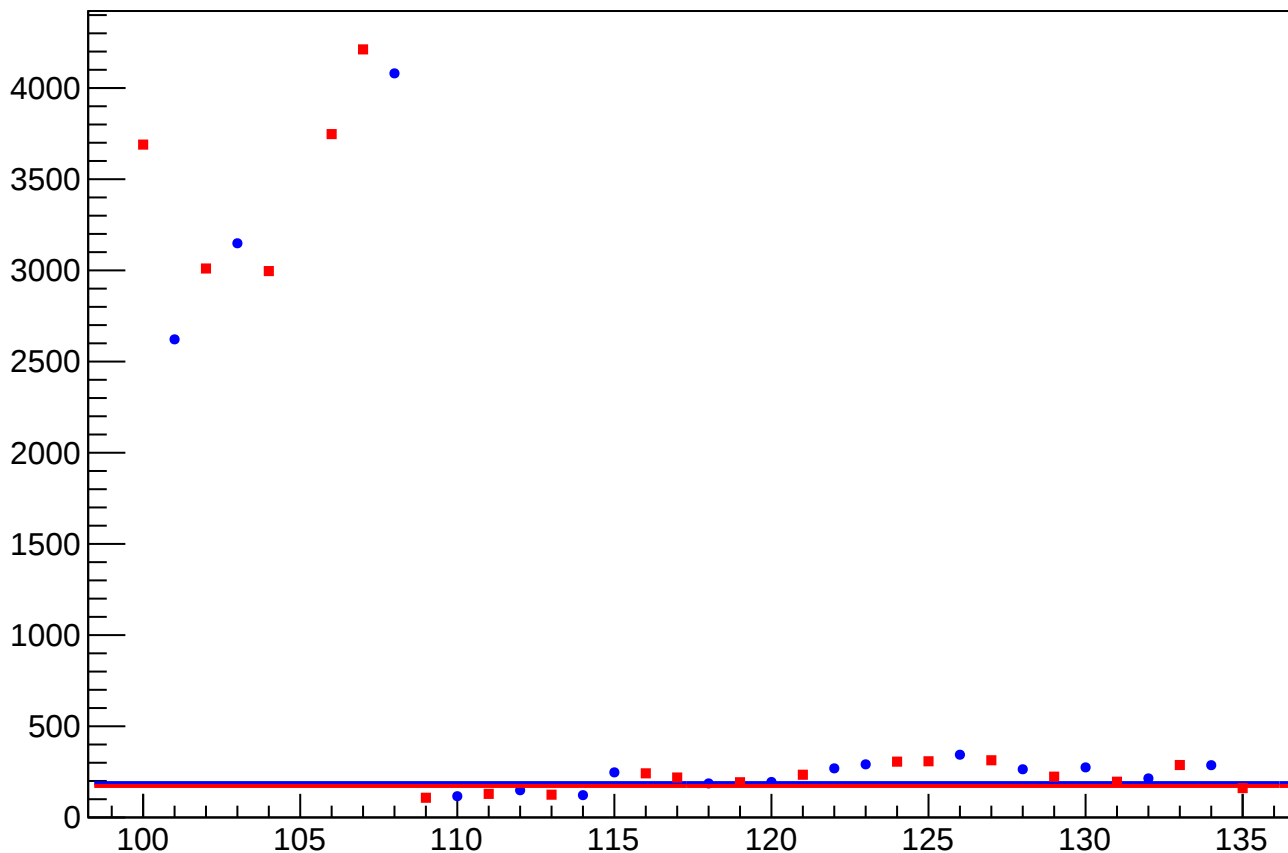
Right Out: -35.419+/-81.967 χ^2/NDF : 11.0/18

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

132.218+/-94.896 χ^2/NDF : 10.9/15

-35.419+/-81.967 χ^2/NDF : 11.0/18

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

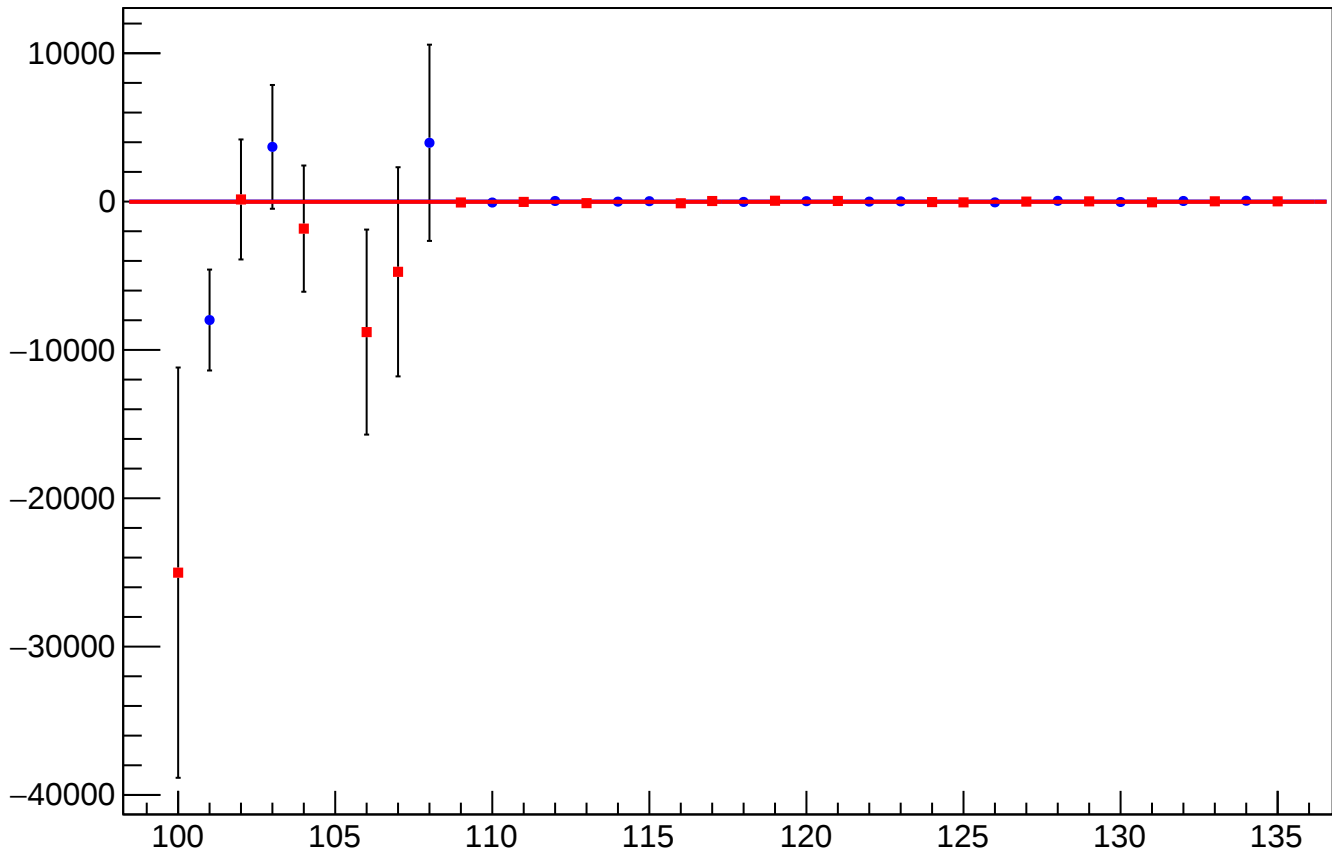
Right Out: 172.774+/-0.058 χ^2/NDF : 4205448.1/18

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

188.353+/-0.067 χ^2/NDF : 3559607.0/15

172.774+/-0.058 χ^2/NDF : 4205448.1/18

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

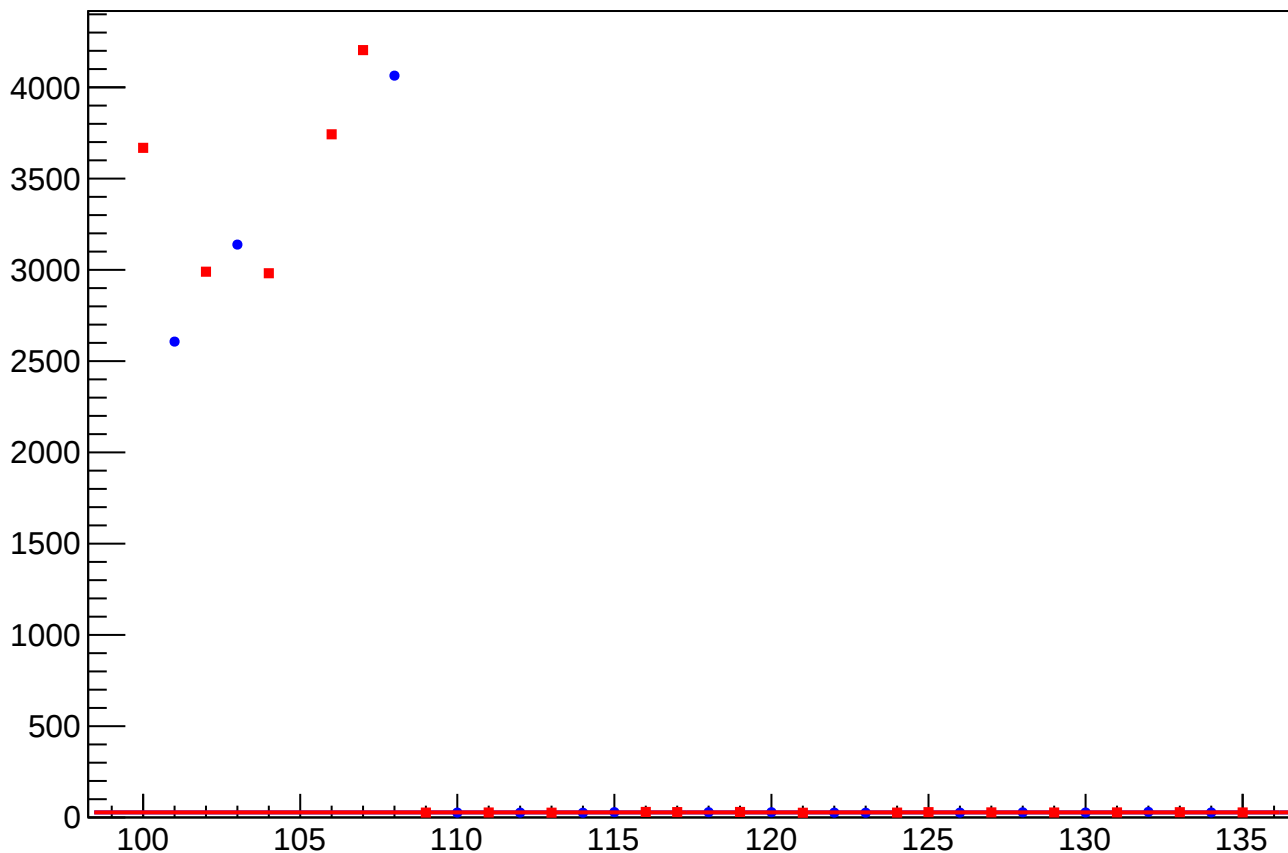
Right Out: -16.147+/-12.406 χ^2 /NDF: 22.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2.022+/-13.241 χ^2 /NDF: 15.6/15

-16.147+/-12.406 χ^2 /NDF: 22.2/18

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

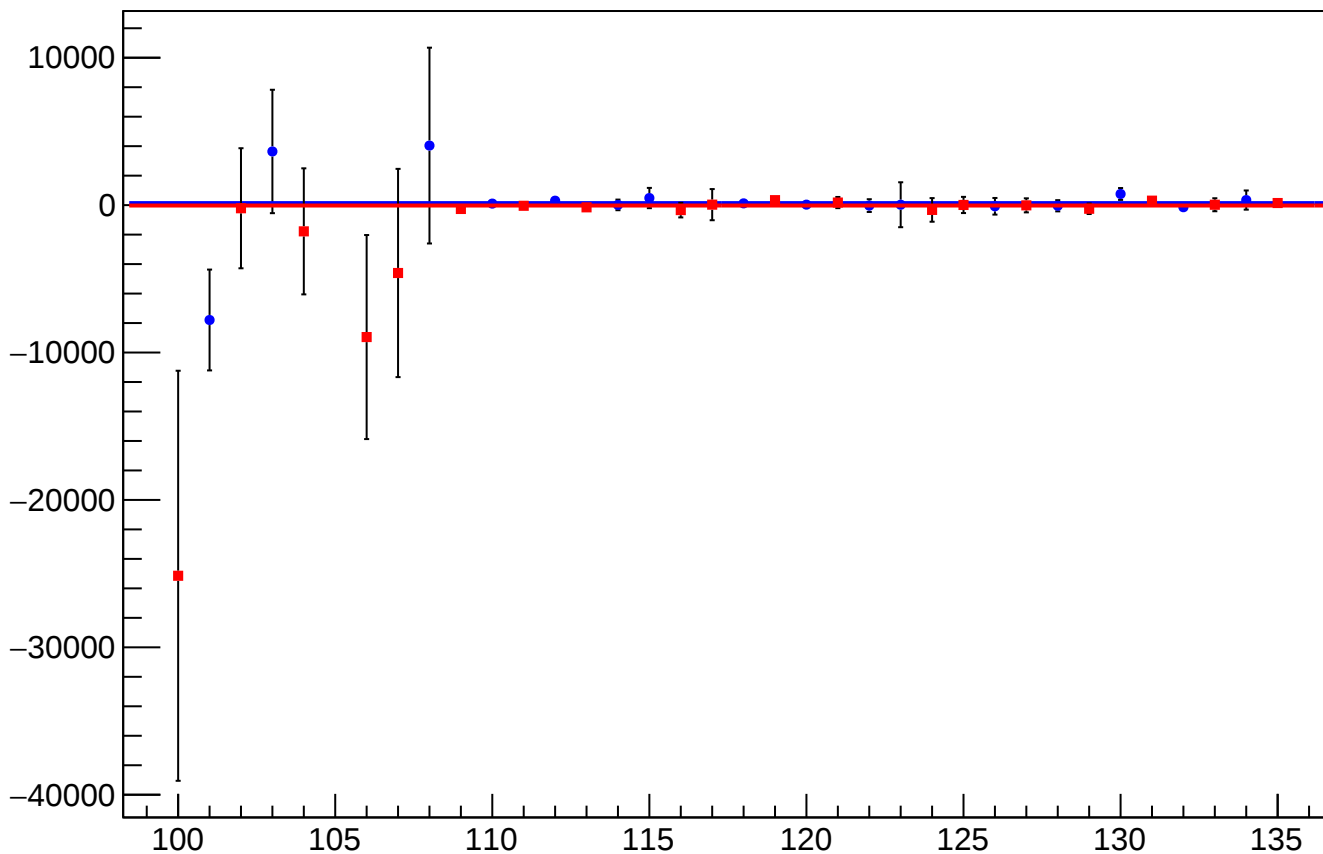
Right Out: 27.698+/-0.009 χ^2 /NDF: 3477056.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.711+/-0.009 χ^2 /NDF: 3025712.6/15

27.698+/-0.009 χ^2 /NDF: 3477056.7/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 136.835+/-94.593 χ^2/NDF : 11.1/15

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

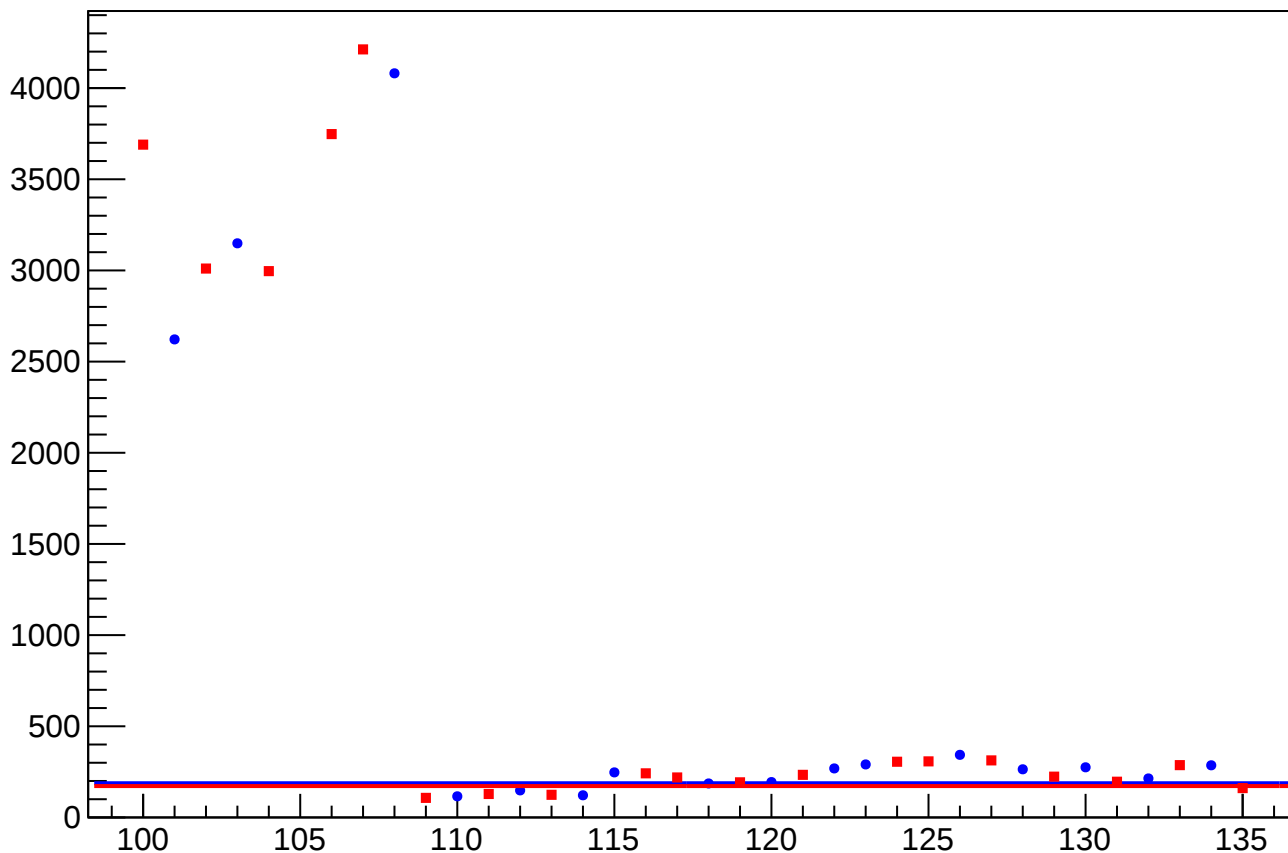
Right Out: -26.712+/-81.703 χ^2/NDF : 11.7/18

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

136.835+/-94.593 χ^2/NDF : 11.1/15

-26.712+/-81.703 χ^2/NDF : 11.7/18

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

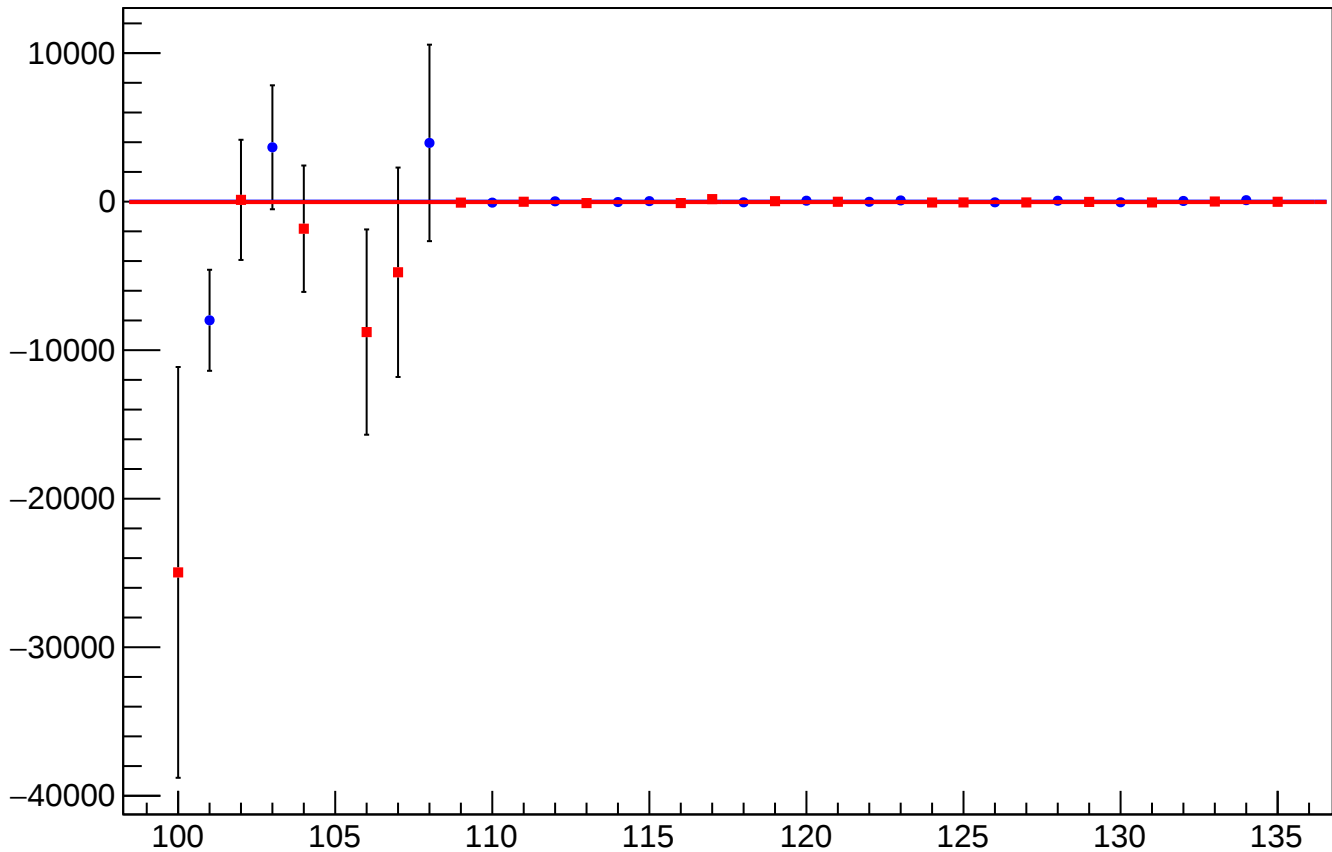
Right Out: 172.107+/-0.058 χ^2/NDF : 4216709.2/18

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

187.621+/-0.067 χ^2/NDF : 3571105.3/15

172.107+/-0.058 χ^2/NDF : 4216709.2/18

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

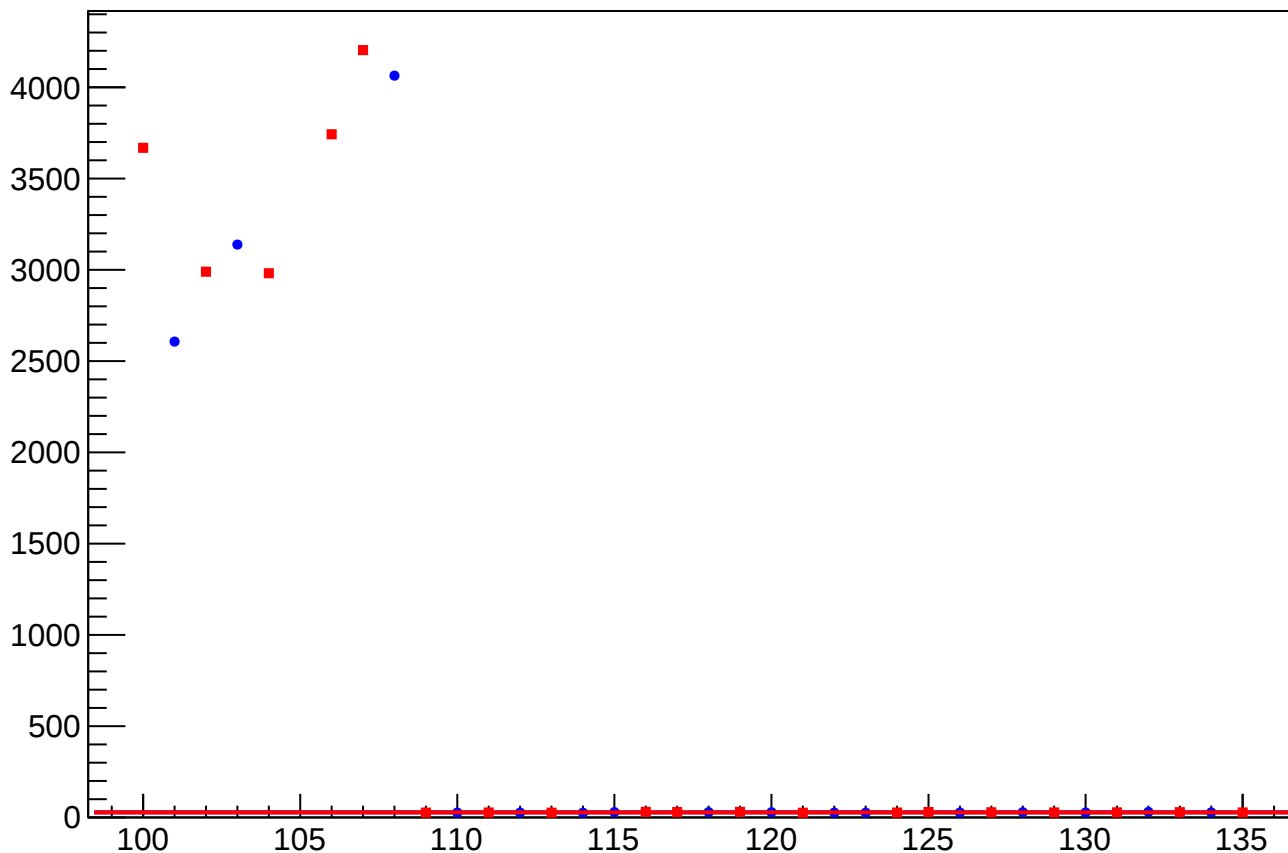
Right Out: -31.328+/-12.510 χ^2 /NDF: 16.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.126+/-13.331 χ^2 /NDF: 20.6/15

-31.328+/-12.510 χ^2 /NDF: 16.7/18

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

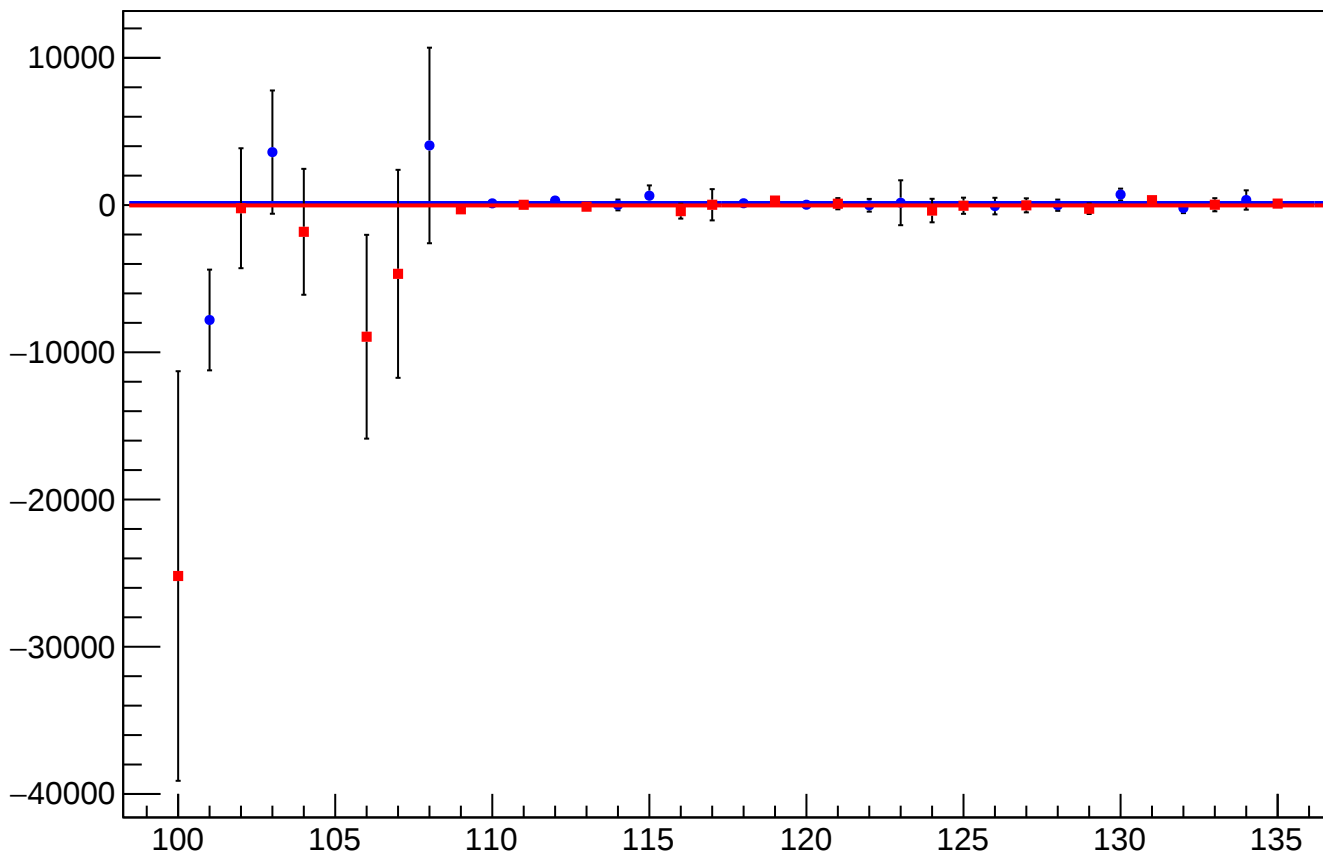
Right Out: 27.923+/-0.009 χ^2 /NDF: 3479856.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.896+/-0.009 χ^2 /NDF: 3025810.5/15

27.923+/-0.009 χ^2 /NDF: 3479856.0/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 139.818 $\pm$ 95.682 χ^2 /NDF: 11.3/15

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

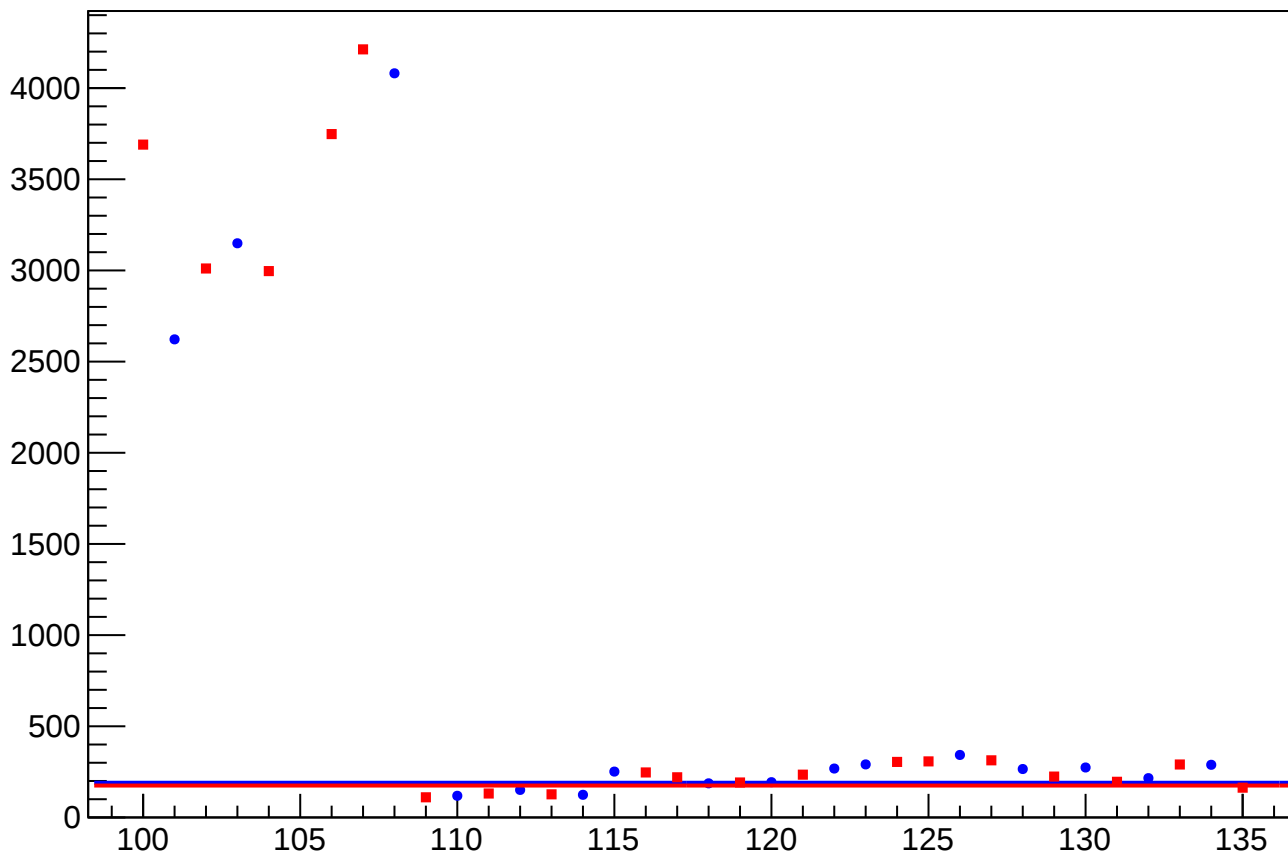
Right Out: -24.012 $\pm$ 82.797 χ^2 /NDF: 11.5/18

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

139.818 $\pm$ 95.682 χ^2 /NDF: 11.3/15

-24.012 $\pm$ 82.797 χ^2 /NDF: 11.5/18

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

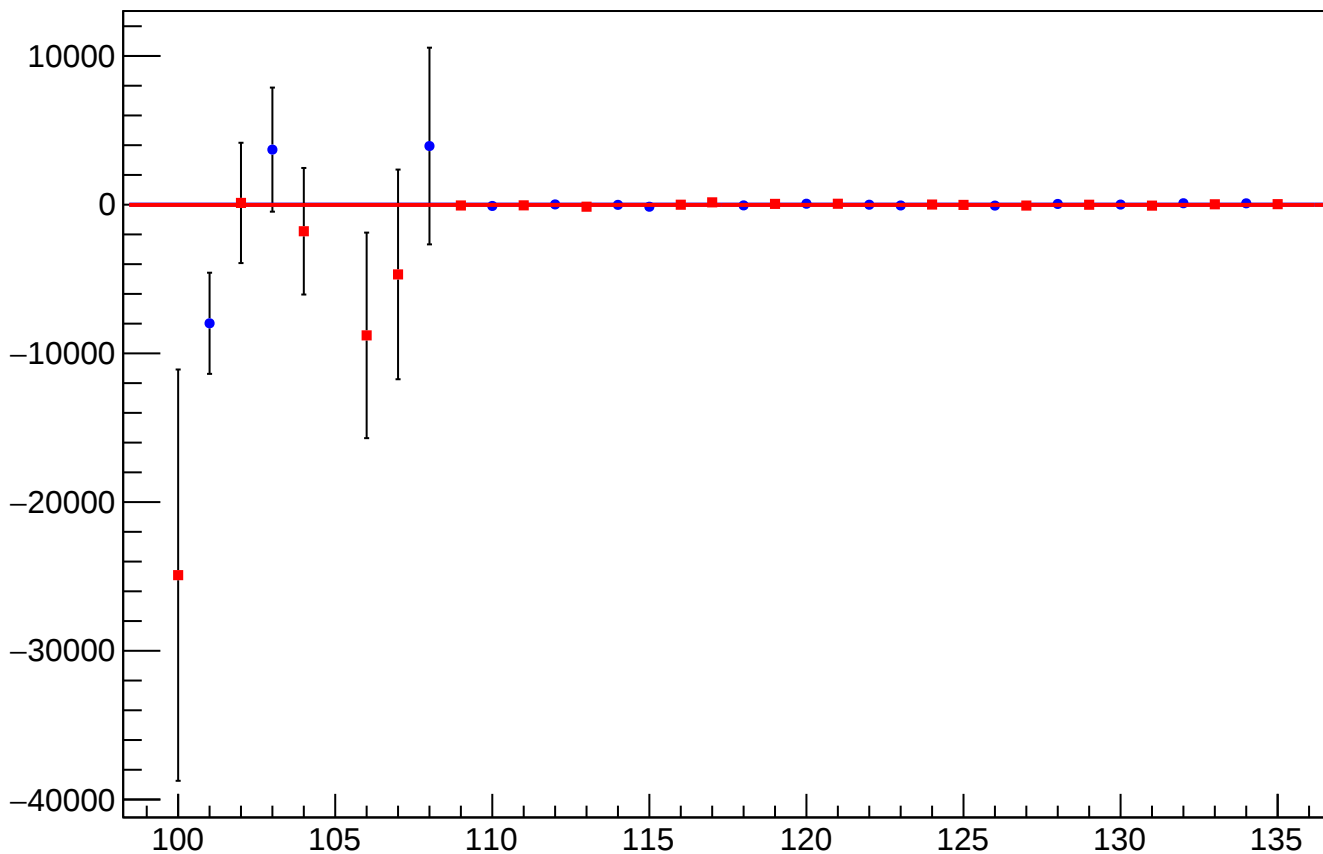
Right Out: 174.986+/-0.059 χ^2/NDF : 4163518.0/18

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

190.316+/-0.068 χ^2/NDF : 3523818.7/15

174.986+/-0.059 χ^2/NDF : 4163518.0/18

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

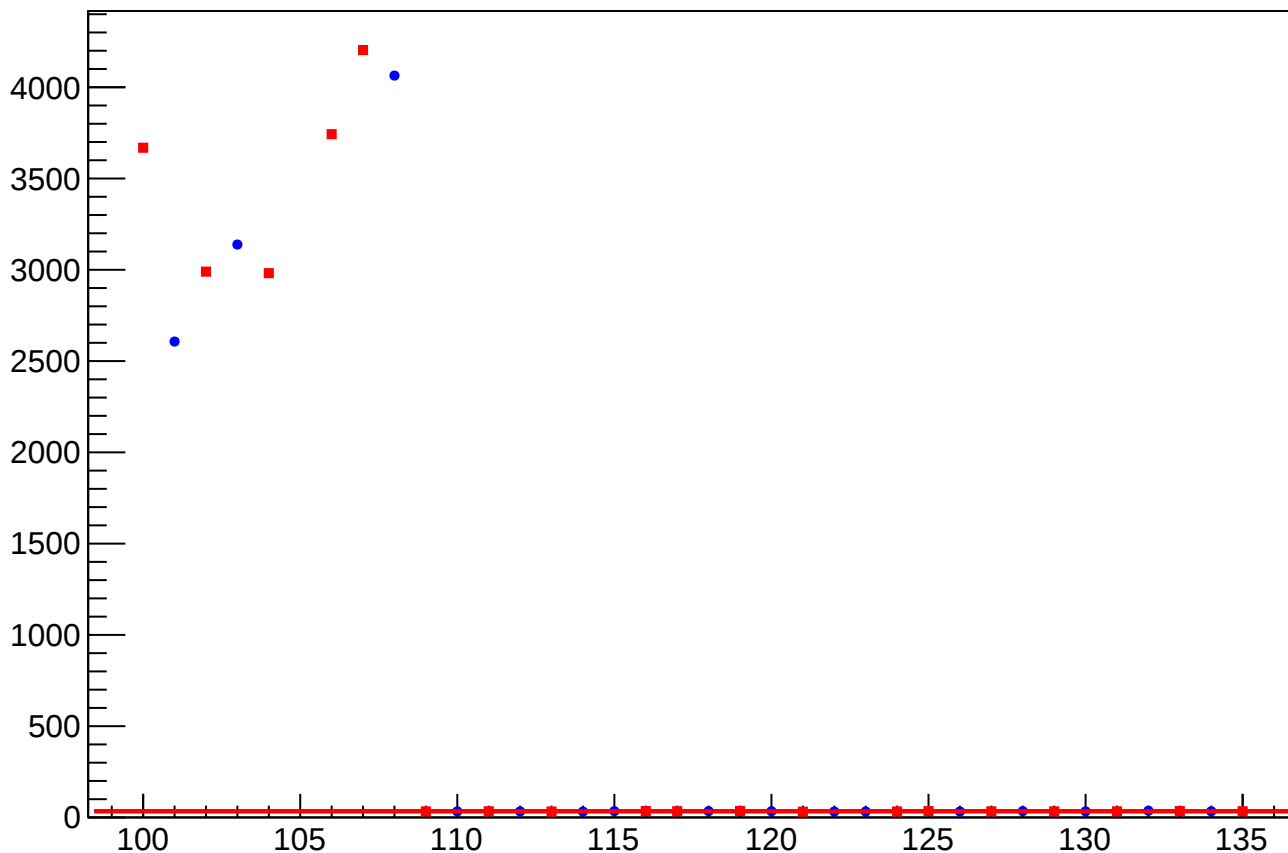
Right Out: -14.655+/-15.152 χ^2 /NDF: 21.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.195+/-16.232 χ^2 /NDF: 20.1/15

-14.655+/-15.152 χ^2 /NDF: 21.1/18

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

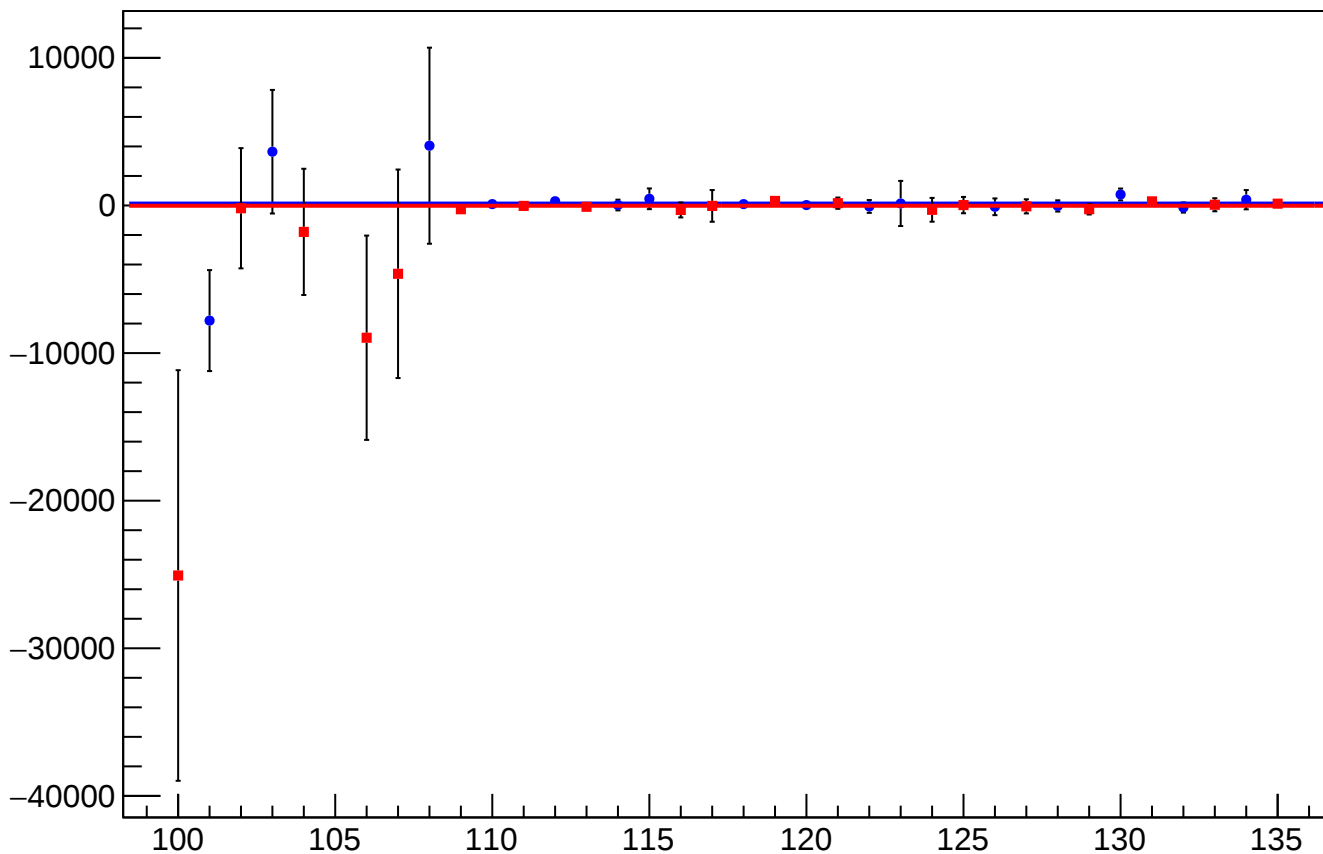
Right Out: 33.889 $\pm$ 0.011 χ^2 /NDF: 3451727.5/18

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

33.998 $\pm$ 0.011 χ^2 /NDF: 3005293.0/15

33.889 $\pm$ 0.011 χ^2 /NDF: 3451727.5/18

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

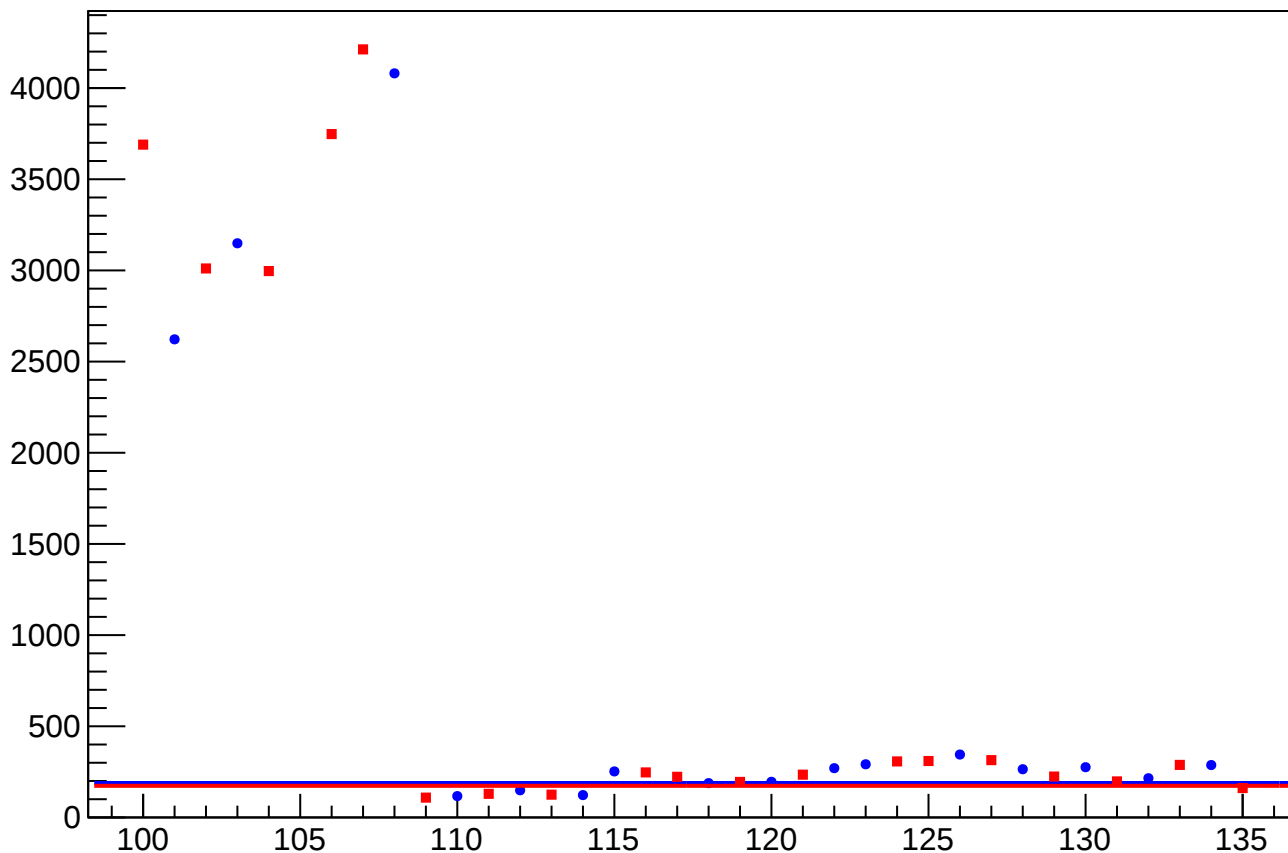
Right Out: -18.161+/-82.287 χ^2/NDF : 10.5/18

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

128.997+/-95.242 χ^2/NDF : 11.0/15

-18.161+/-82.287 χ^2/NDF : 10.5/18

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

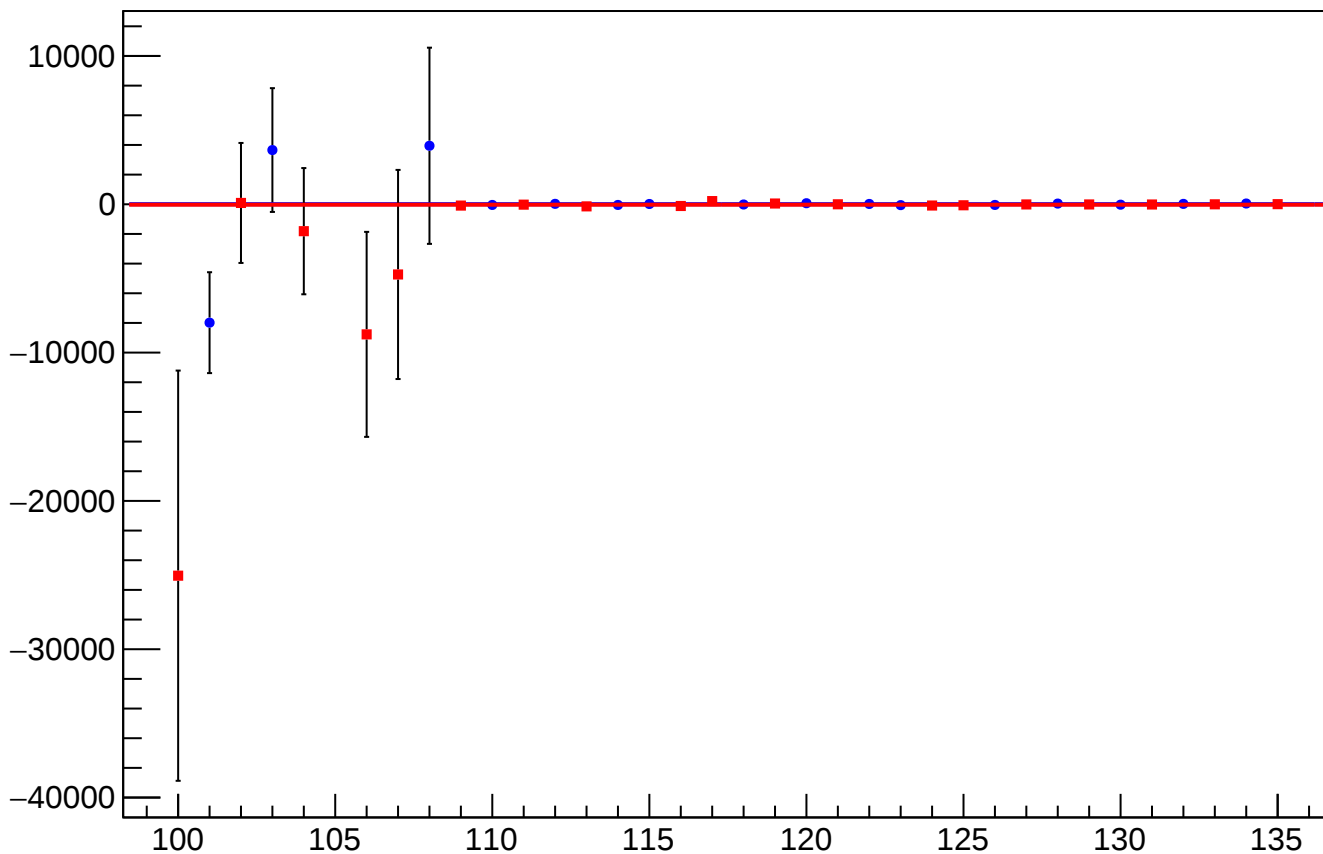
Right Out: 173.447+/-0.058 χ^2/NDF : 4210137.7/18

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

189.036+/-0.067 χ^2/NDF : 3560950.9/15

173.447+/-0.058 χ^2/NDF : 4210137.7/18

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

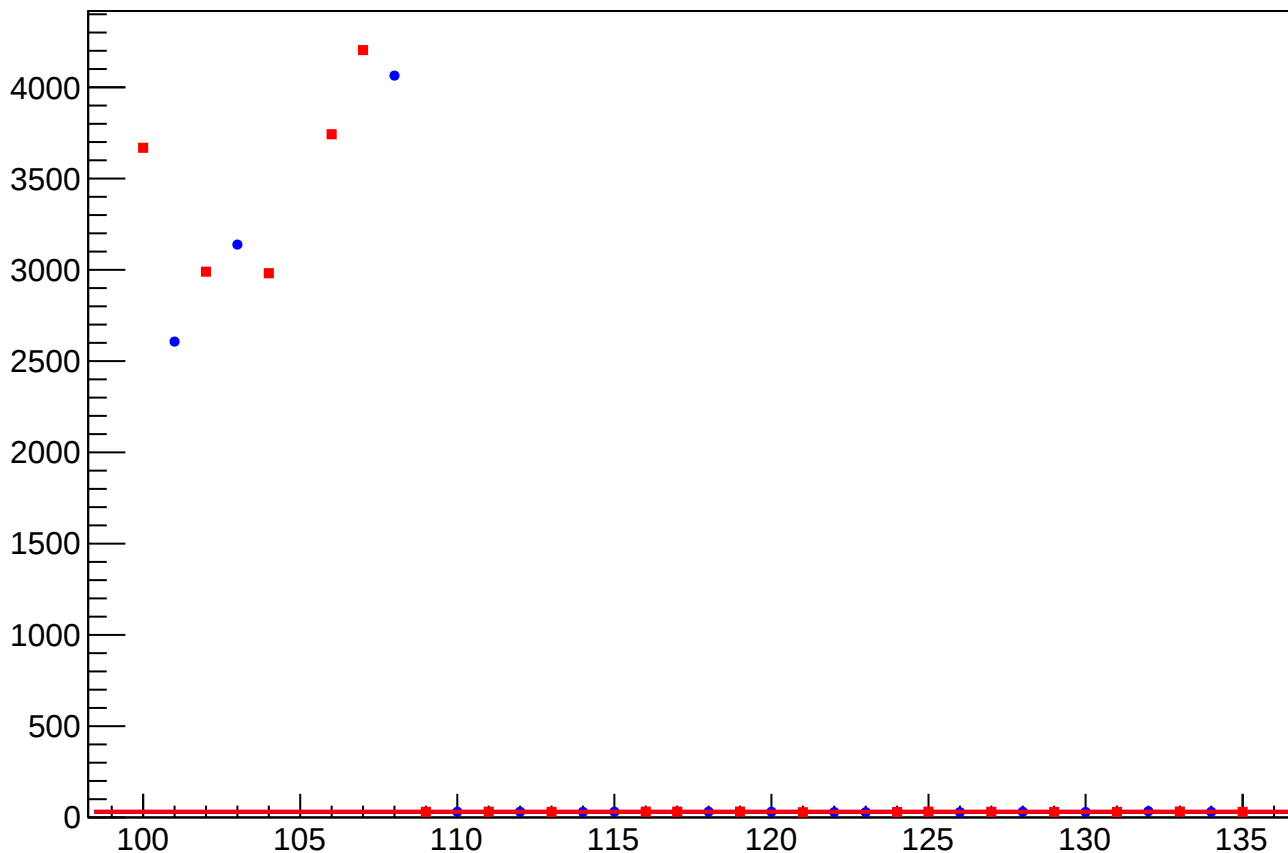
Right Out: -28.423+/-13.855 χ^2 /NDF: 23.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

6.299+/-14.804 χ^2 /NDF: 13.4/15

-28.423+/-13.855 χ^2 /NDF: 23.0/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.012 $\pm$ 0.010 χ^2 /NDF: 3013647.3/15

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

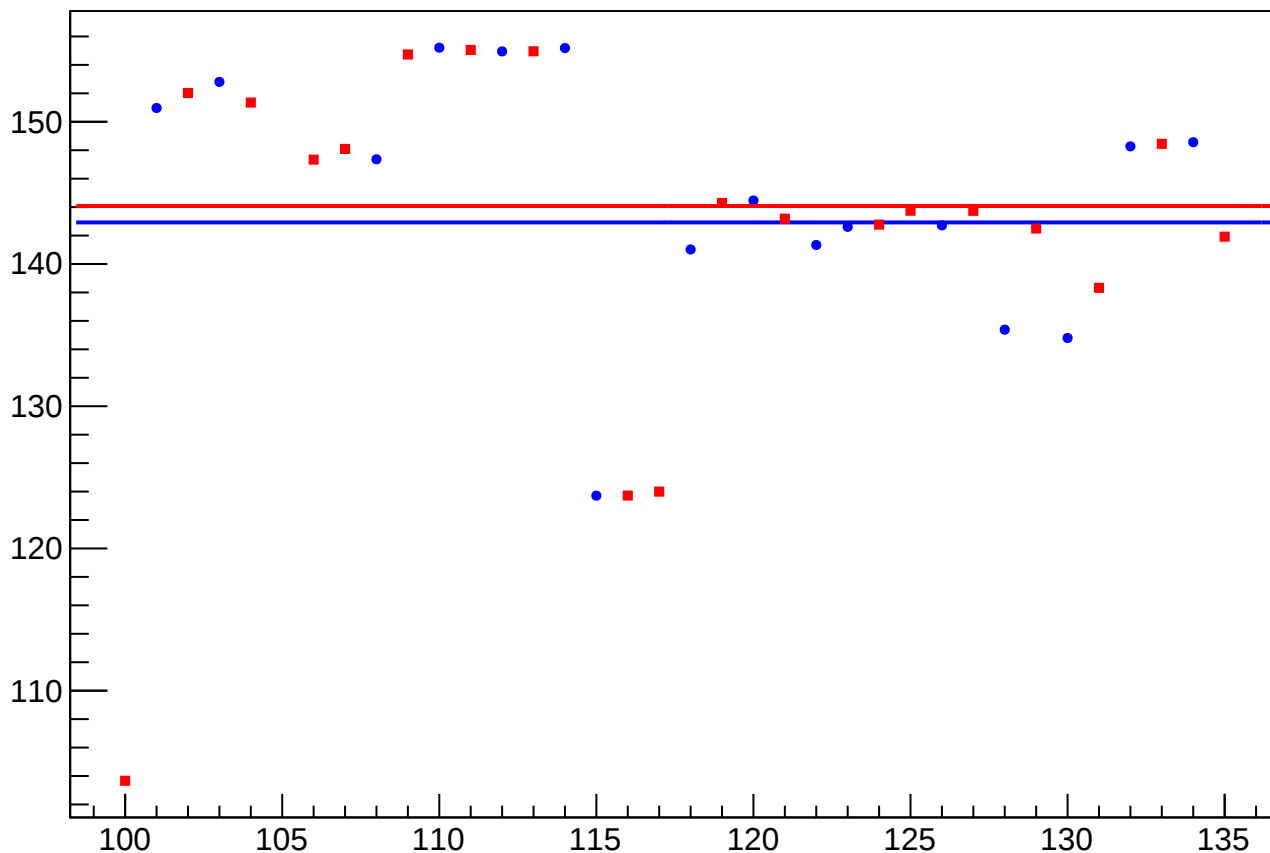
Right Out: 30.969 $\pm$ 0.010 χ^2 /NDF: 3459018.4/18

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

31.012 $\pm$ 0.010 χ^2 /NDF: 3013647.3/15

30.969 $\pm$ 0.010 χ^2 /NDF: 3459018.4/18

yield_bcm_an_ds_mean vs Slug



Right In: 142.924+/-0.000 χ^2/NDF : 3275825097.1/15

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

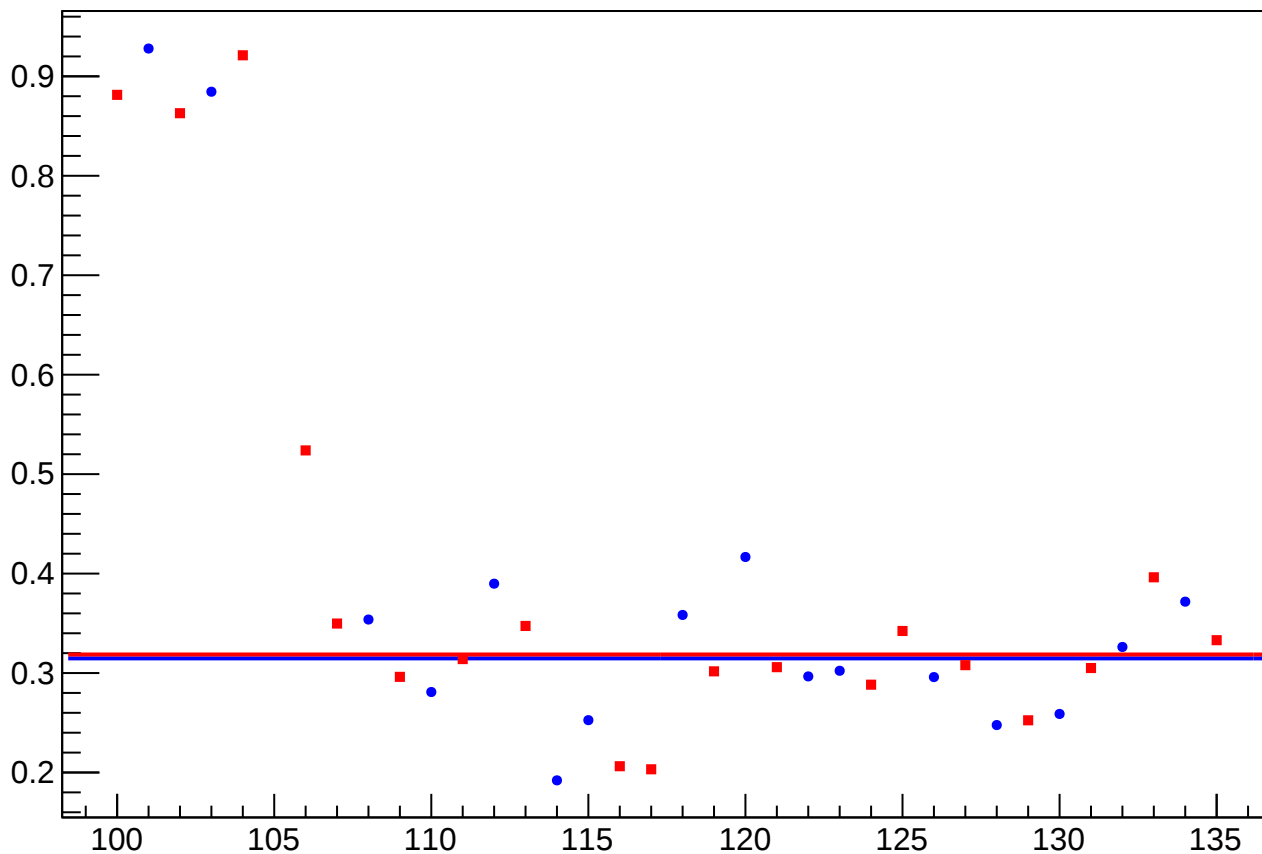
Right Out: 144.080+/-0.000 χ^2/NDF : 4490654542.0/18

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

142.924+/-0.000 χ^2/NDF : 3275825097.1/15

144.080+/-0.000 χ^2/NDF : 4490654542.0/18

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

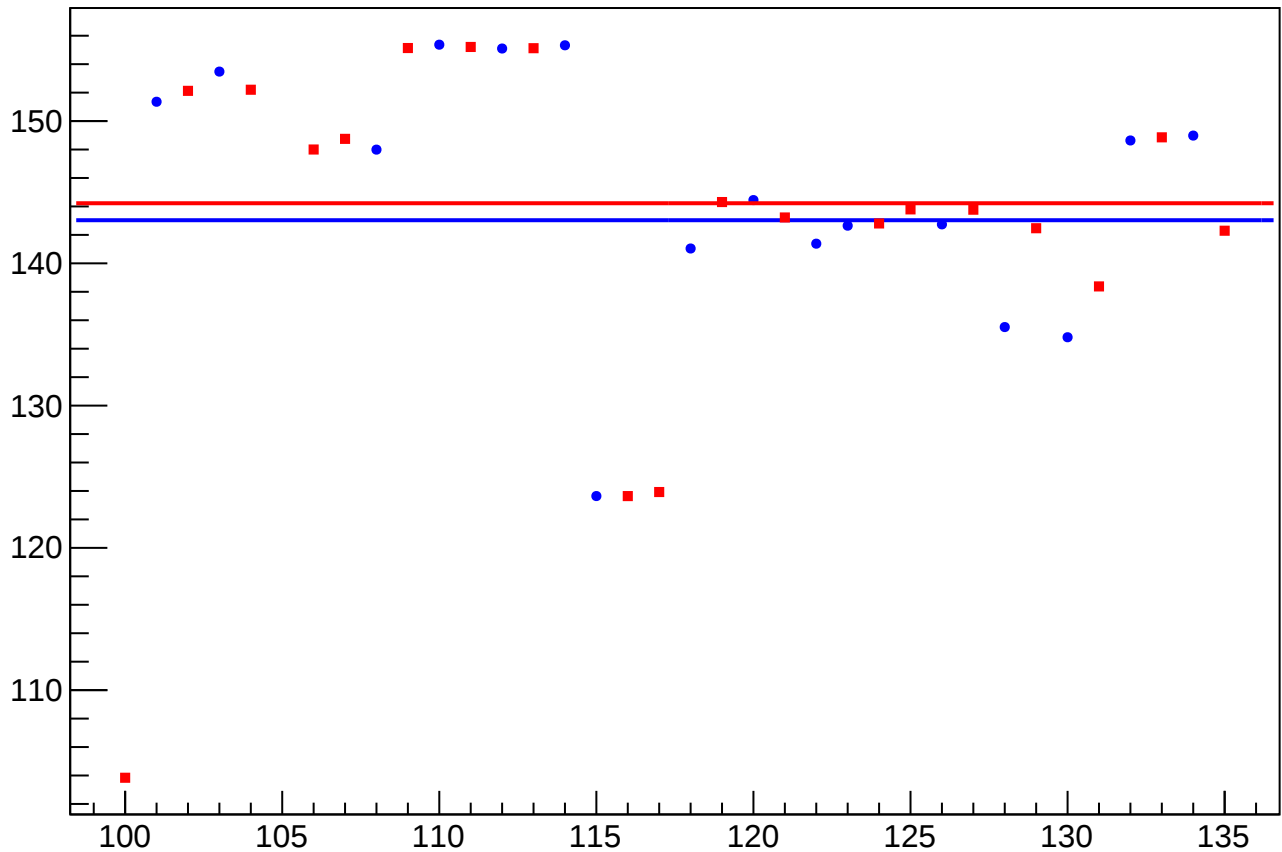
Right Out: 0.319+/-0.000 χ^2/NDF : 1228525.5/18

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

0.315+/-0.000 χ^2/NDF : 1275487.1/15

0.319+/-0.000 χ^2/NDF : 1228525.5/18

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

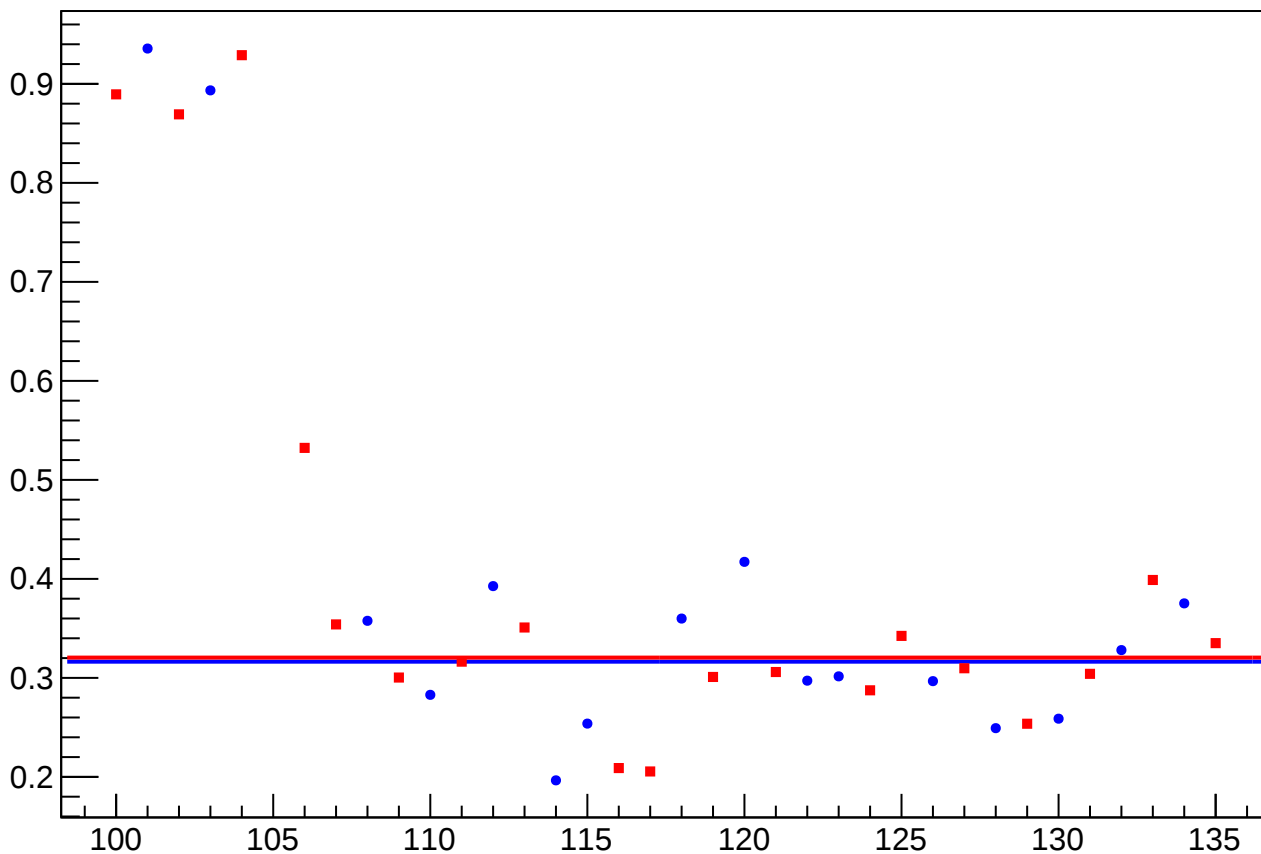
143.031+/-0.000 χ^2/NDF : 3303800250.7/15

Right Out: 144.225+/-0.000 χ^2/NDF : 4514973737.2/18

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

144.225+/-0.000 χ^2/NDF : 4514973737.2/18

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

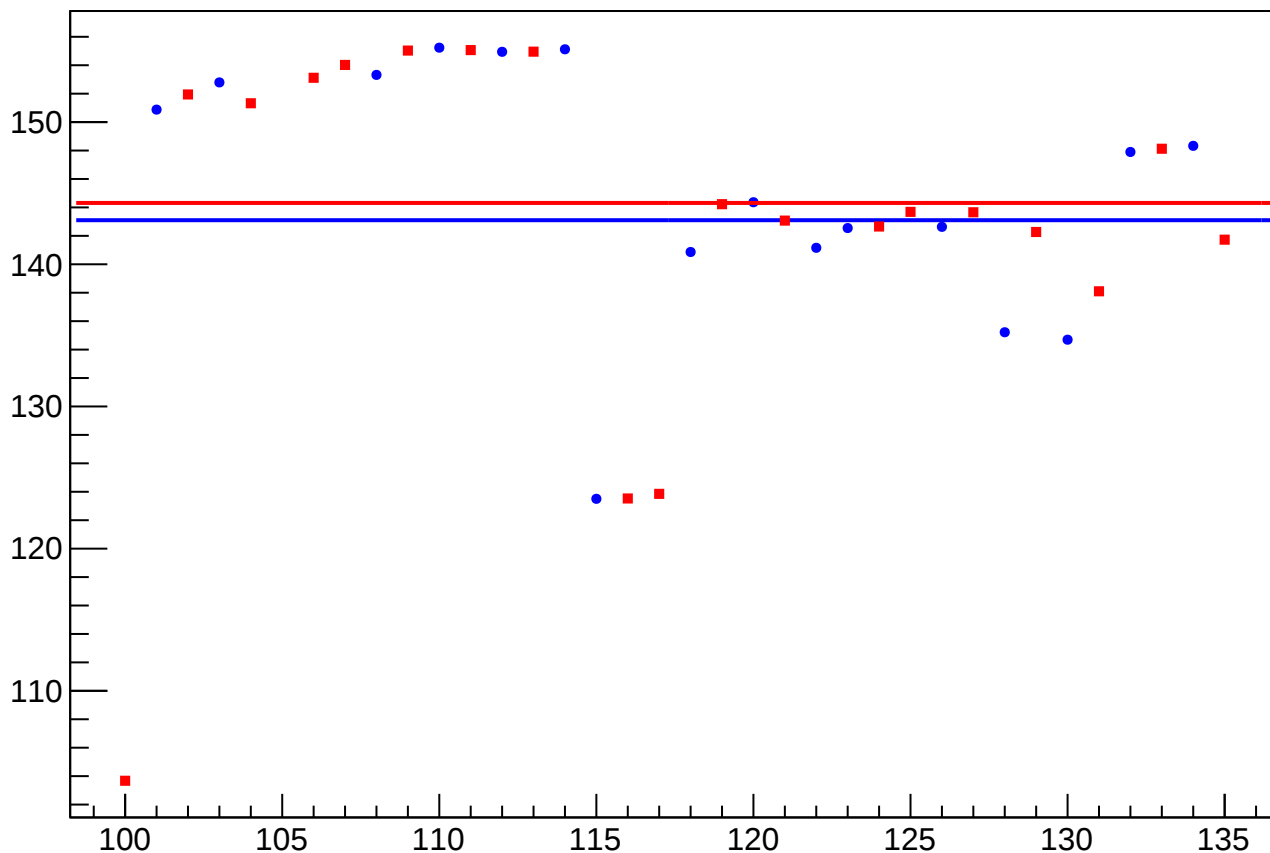
Right Out: 0.320+/-0.000 χ^2/NDF : 1230898.6/18

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

0.316+/-0.000 χ^2/NDF : 1277206.0/15

0.320+/-0.000 χ^2/NDF : 1230898.6/18

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

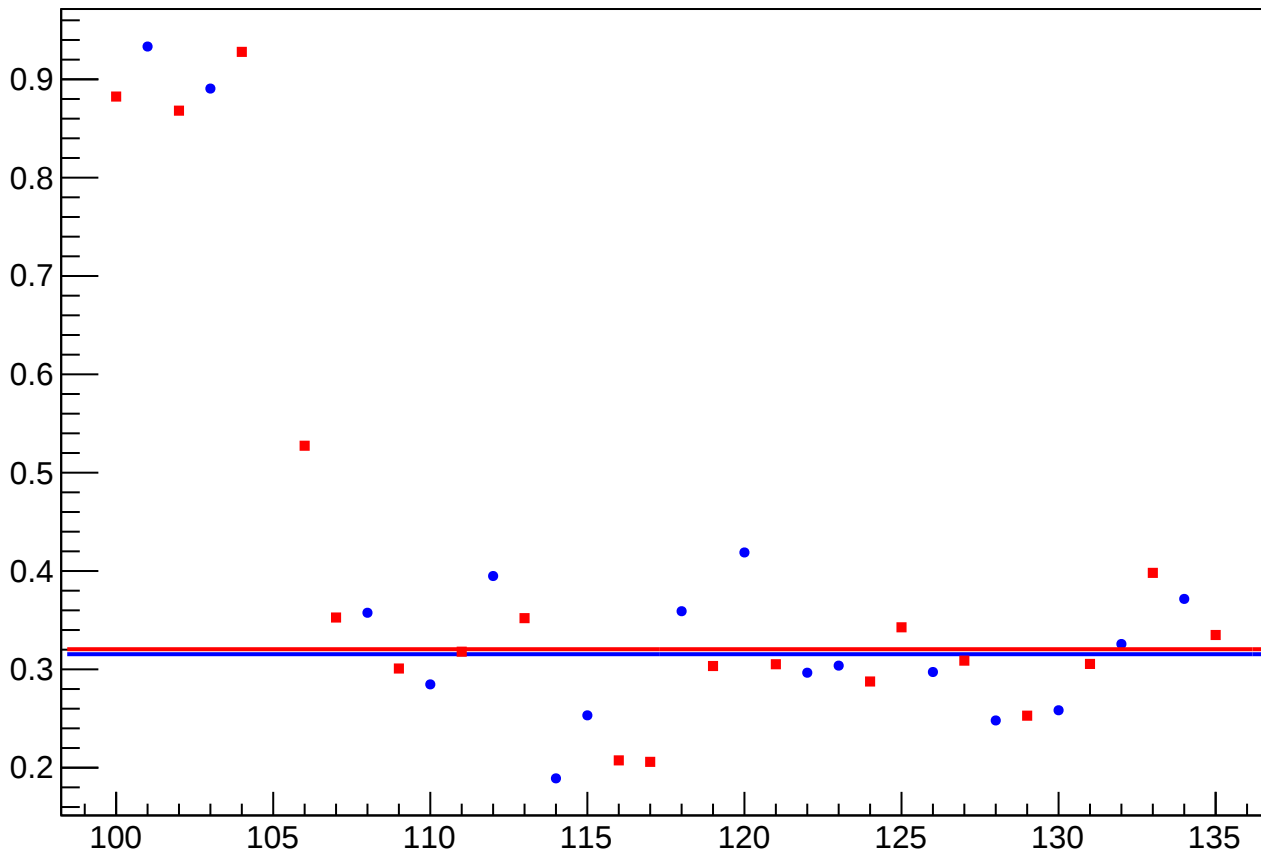
Right Out: 144.314+/-0.000 χ^2/NDF : 4791788742.8/18

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

143.100+/-0.000 χ^2/NDF : 3522235516.1/15

144.314+/-0.000 χ^2/NDF : 4791788742.8/18

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

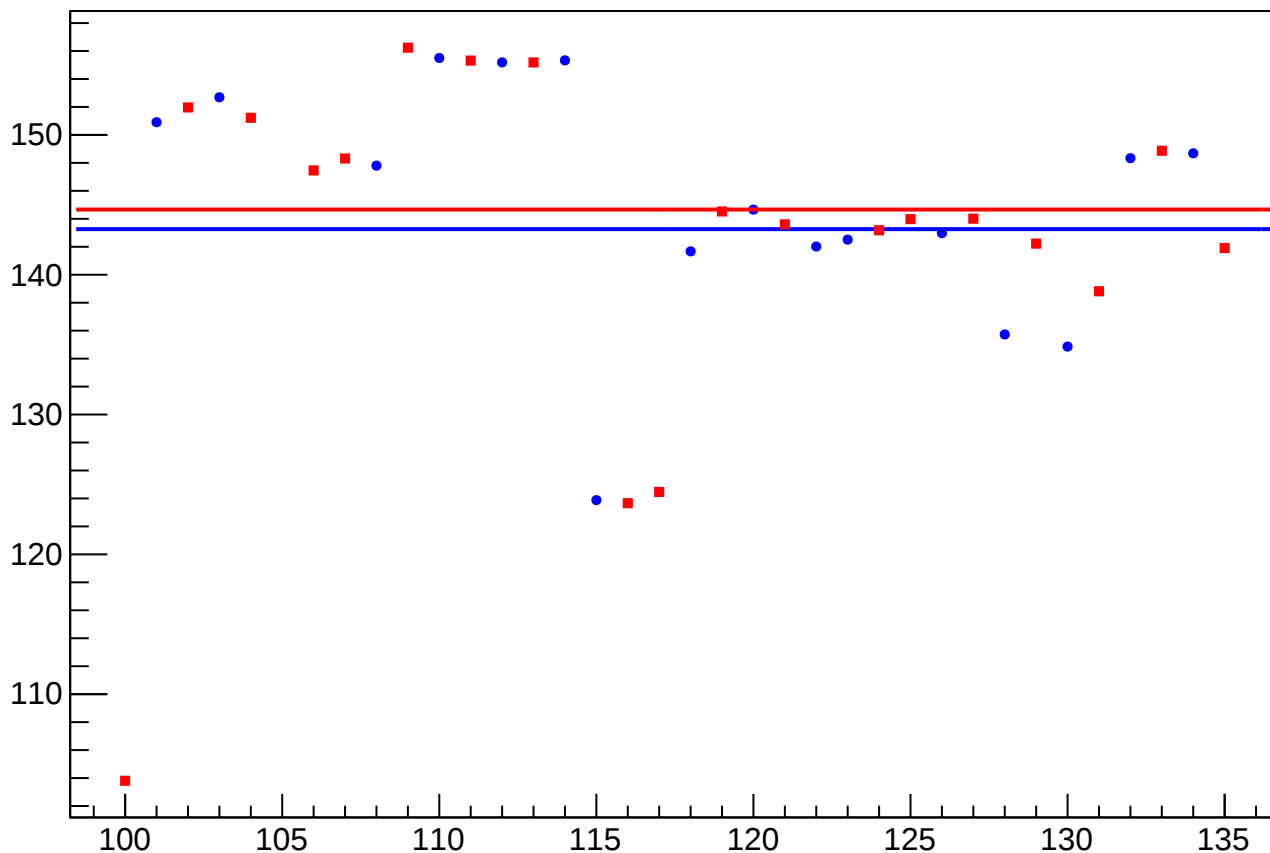
0.315+/-0.000 χ^2/NDF : 1290046.4/15

Right Out: 0.320+/-0.000 χ^2/NDF : 1231826.5/18

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

0.320+/-0.000 χ^2/NDF : 1231826.5/18

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

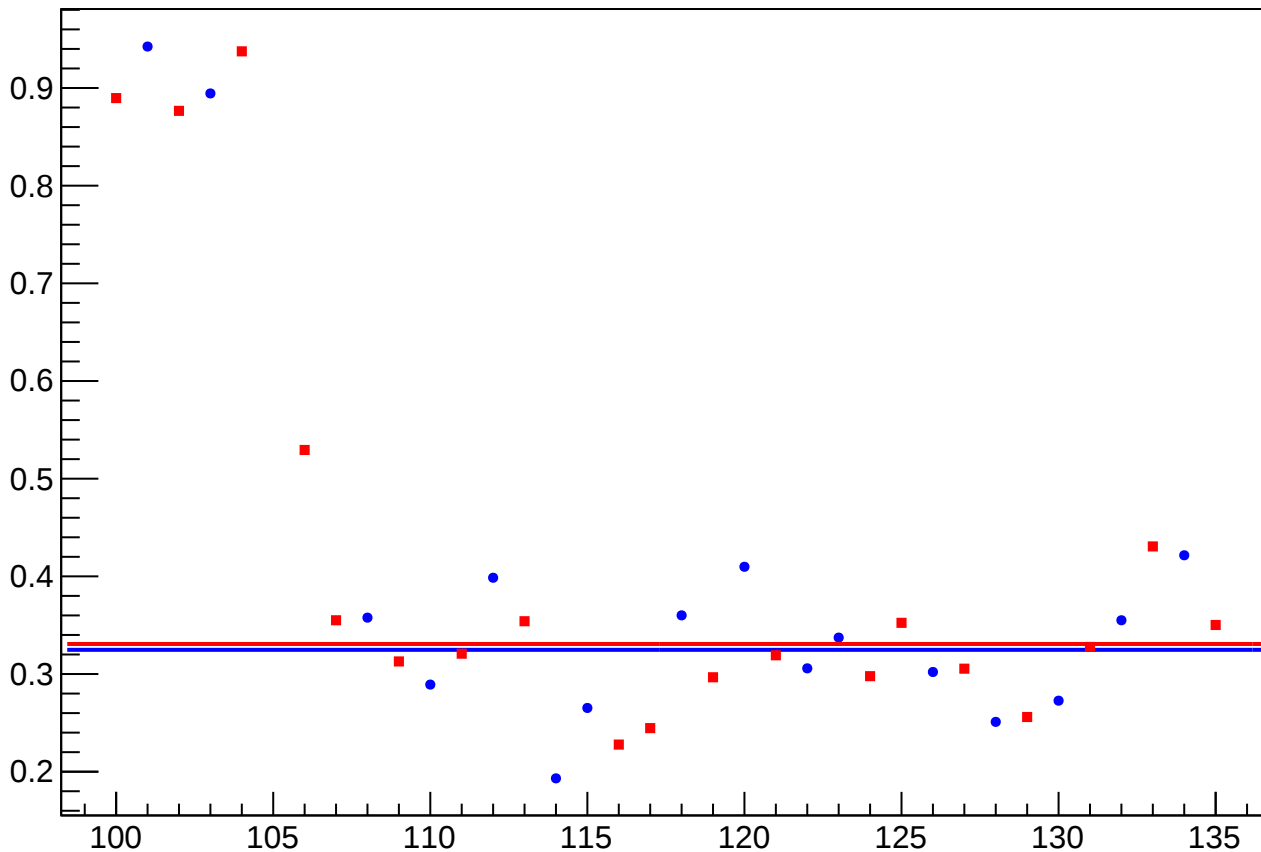
Right Out: 144.664+/-0.000 χ^2/NDF : 4072256365.0/18

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

143.261+/-0.000 χ^2/NDF : 3024727389.7/15

144.664+/-0.000 χ^2/NDF : 4072256365.0/18

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

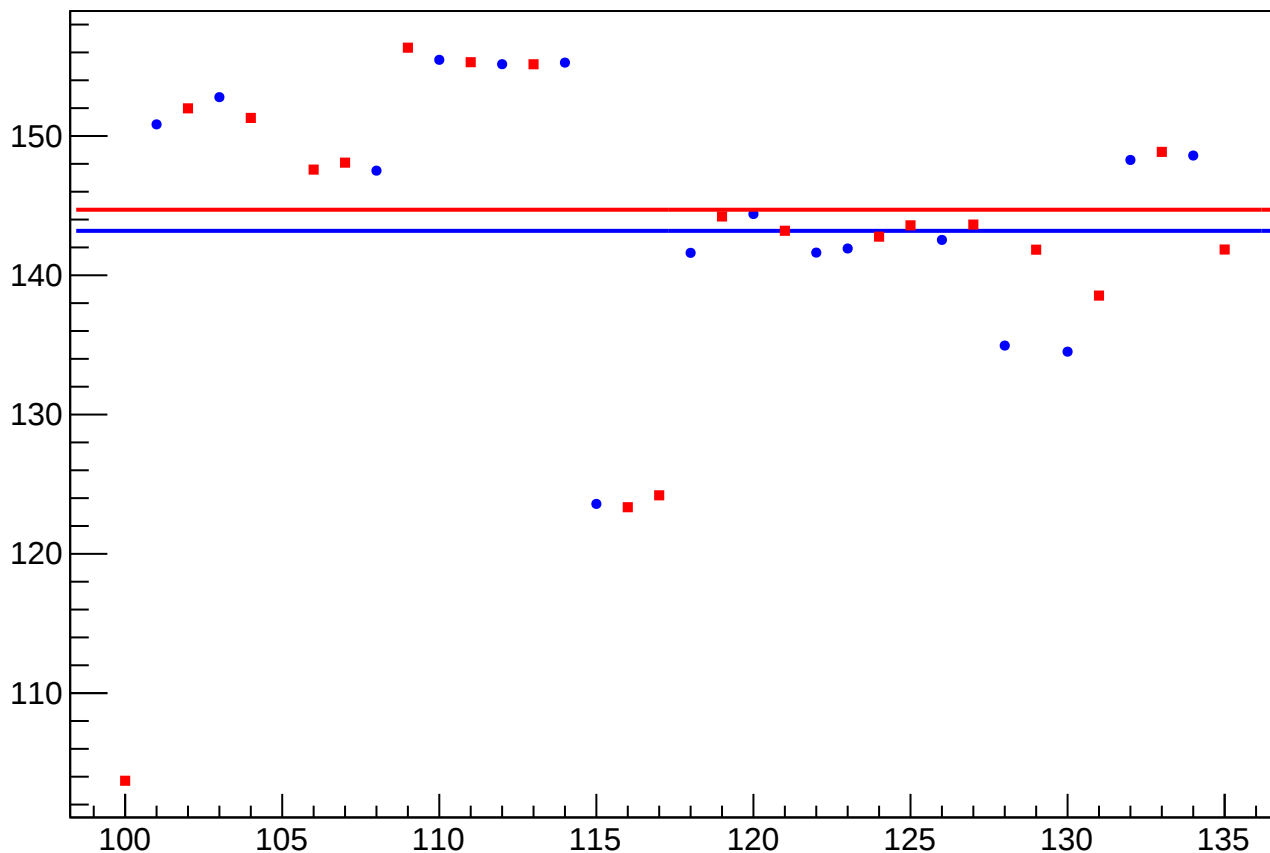
Right Out: 0.331+/-0.000 χ^2/NDF : 1179409.2/18

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

0.325+/-0.000 χ^2/NDF : 1263052.5/15

0.331+/-0.000 χ^2/NDF : 1179409.2/18

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

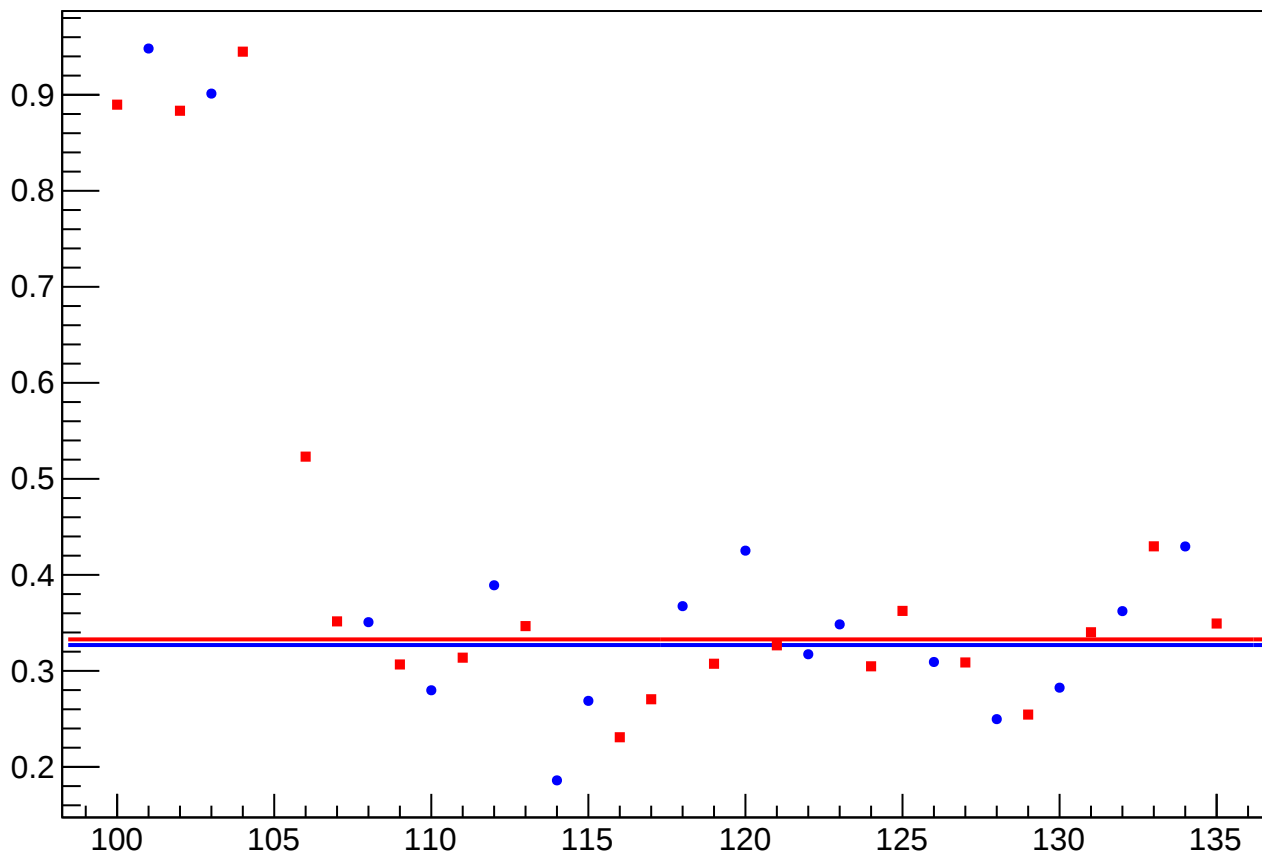
Right Out: 144.706+/-0.000 χ^2/NDF : 4114342311.3/18

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

143.190+/-0.000 χ^2/NDF : 3172704144.0/15

144.706+/-0.000 χ^2/NDF : 4114342311.3/18

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

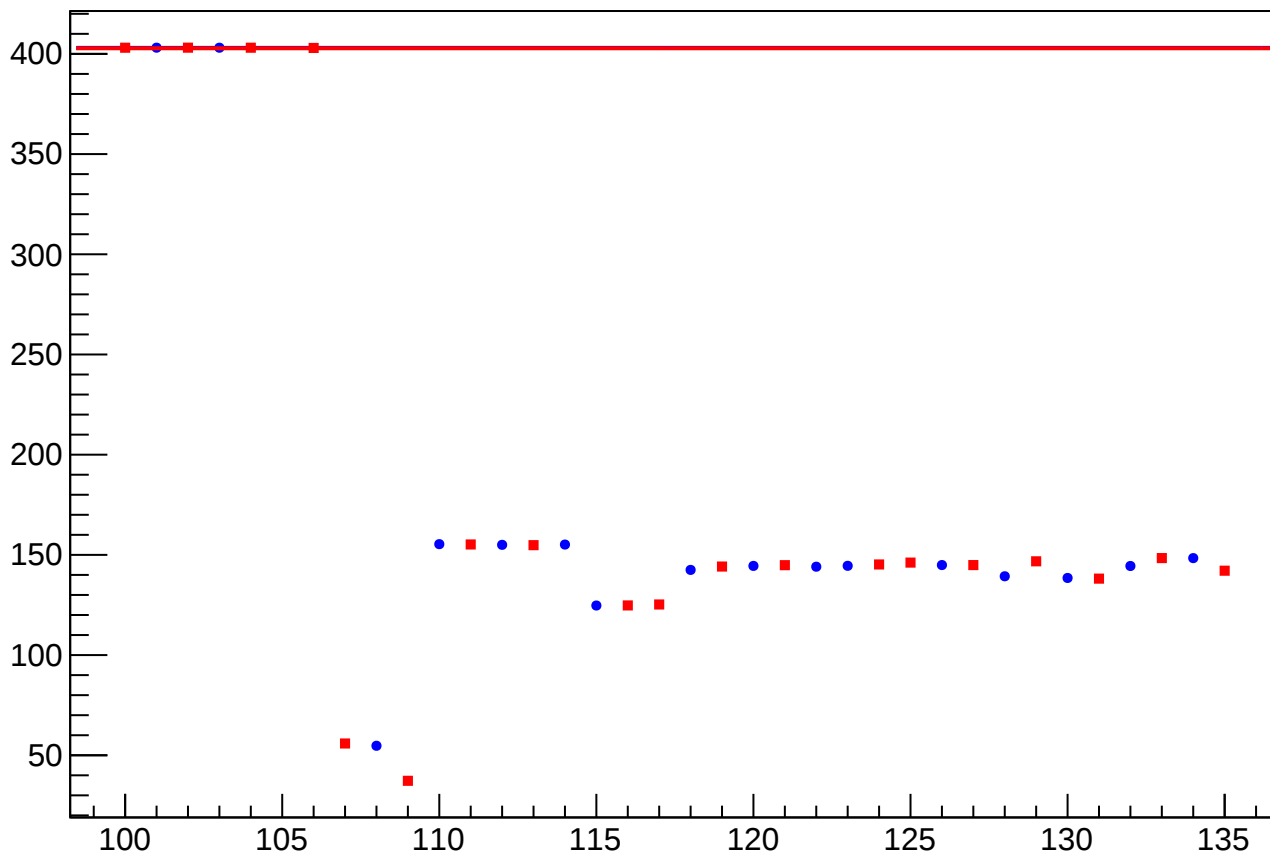
Right Out: 0.333+/-0.000 χ^2/NDF : 1165710.0/18

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

0.327+/-0.000 χ^2/NDF : 1282370.2/15

0.333+/-0.000 χ^2/NDF : 1165710.0/18

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

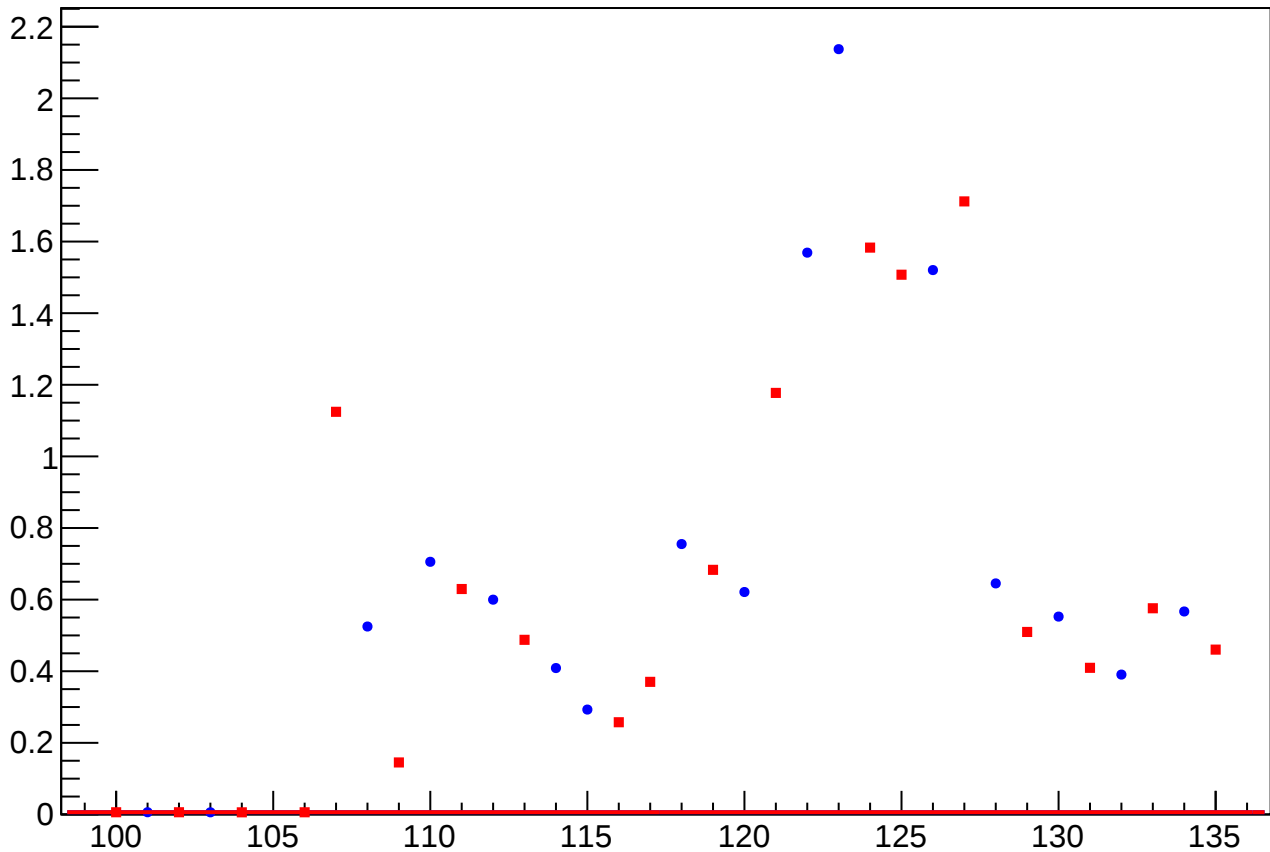
Right Out: 402.803+/-0.000 χ^2/NDF : 3065452763904.2/18

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

402.989+/-0.000 χ^2/NDF : 845084228599.9/15

402.803+/-0.000 χ^2/NDF : 3065452763904.2/18

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

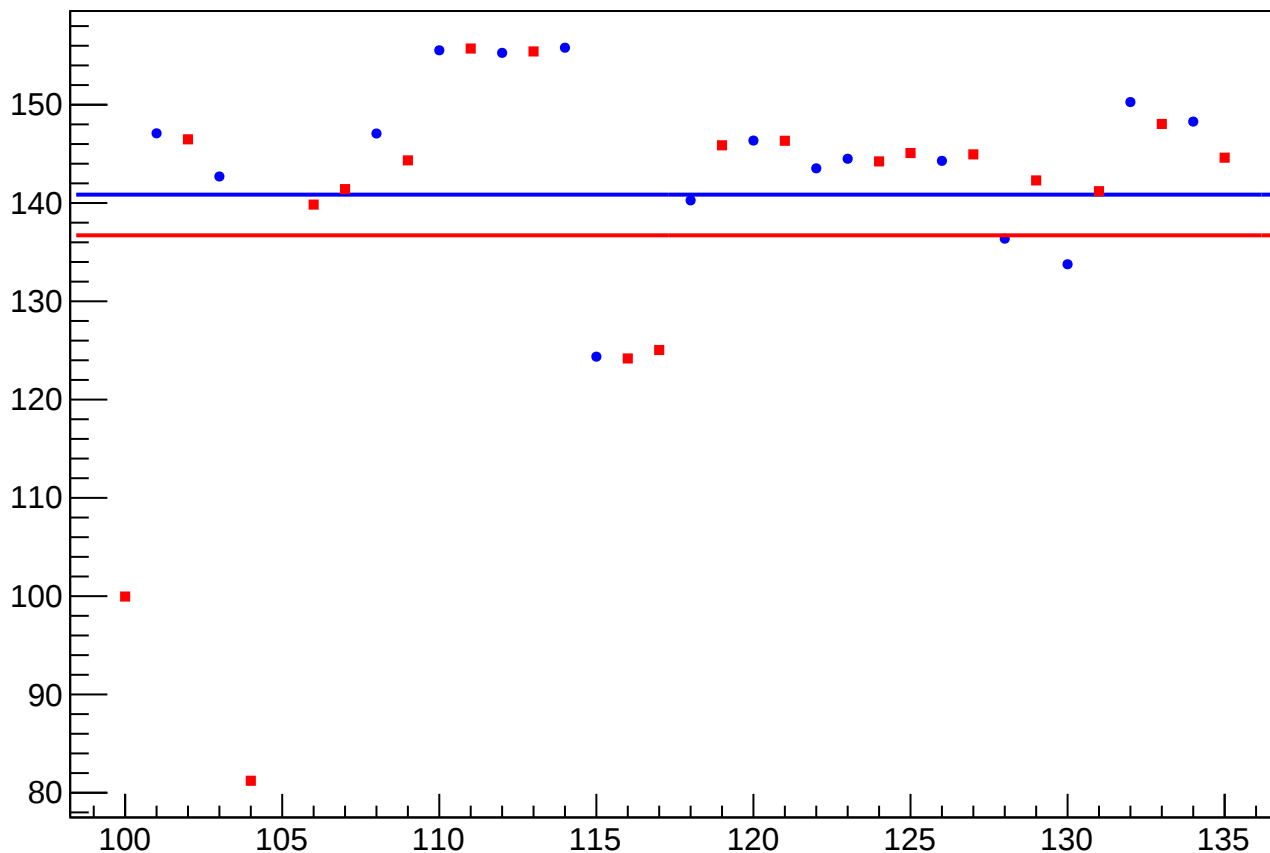
Right Out: 0.006+/-0.000 χ^2/NDF : 8918425.1/18

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 : 8918425.1/18

yield_cav4cQ_mean vs Slug



Right In: 140.852 $\pm$ 0.000 χ^2 /NDF: 921369140.3/15

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

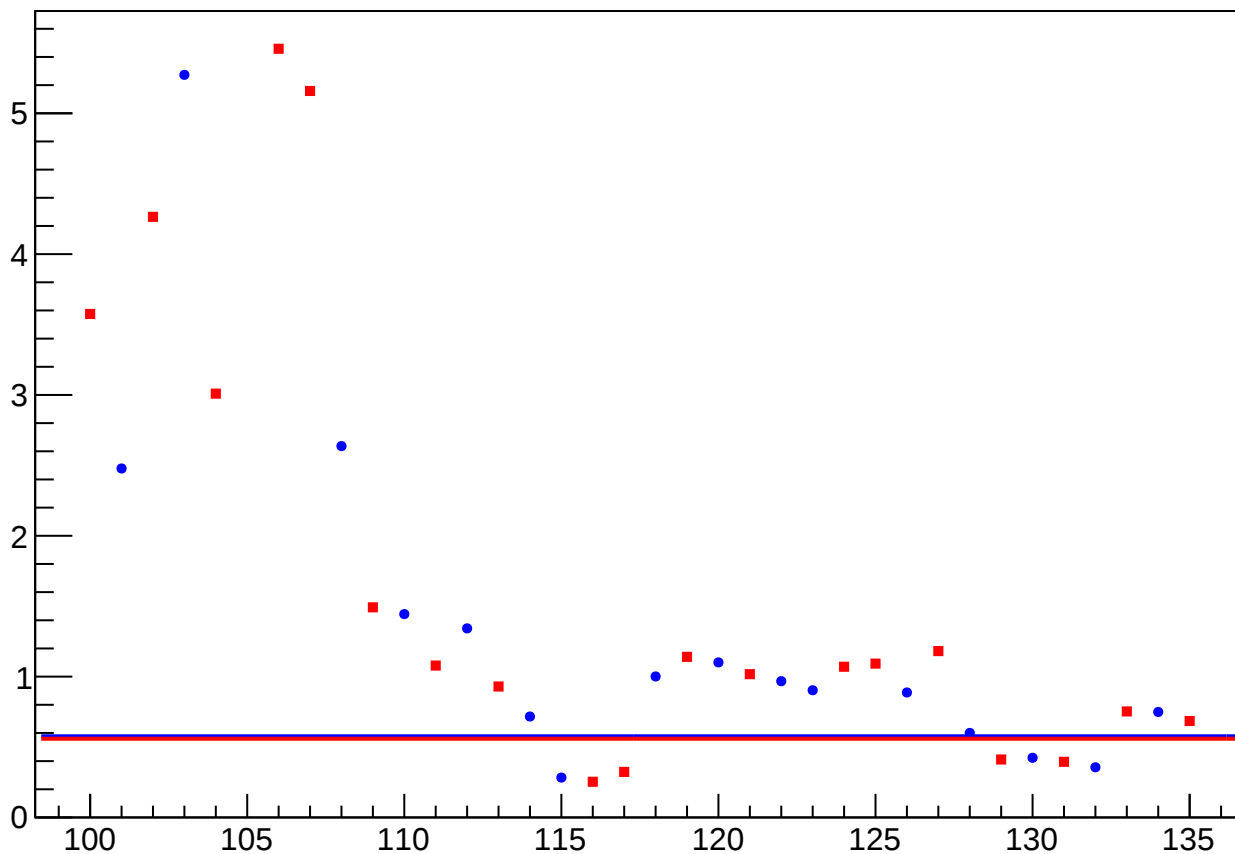
Right Out: 136.713 $\pm$ 0.000 χ^2 /NDF: 1303311697.1/18

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

140.852 $\pm$ 0.000 χ^2 /NDF: 921369140.3/15

136.713 $\pm$ 0.000 χ^2 /NDF: 1303311697.1/18

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

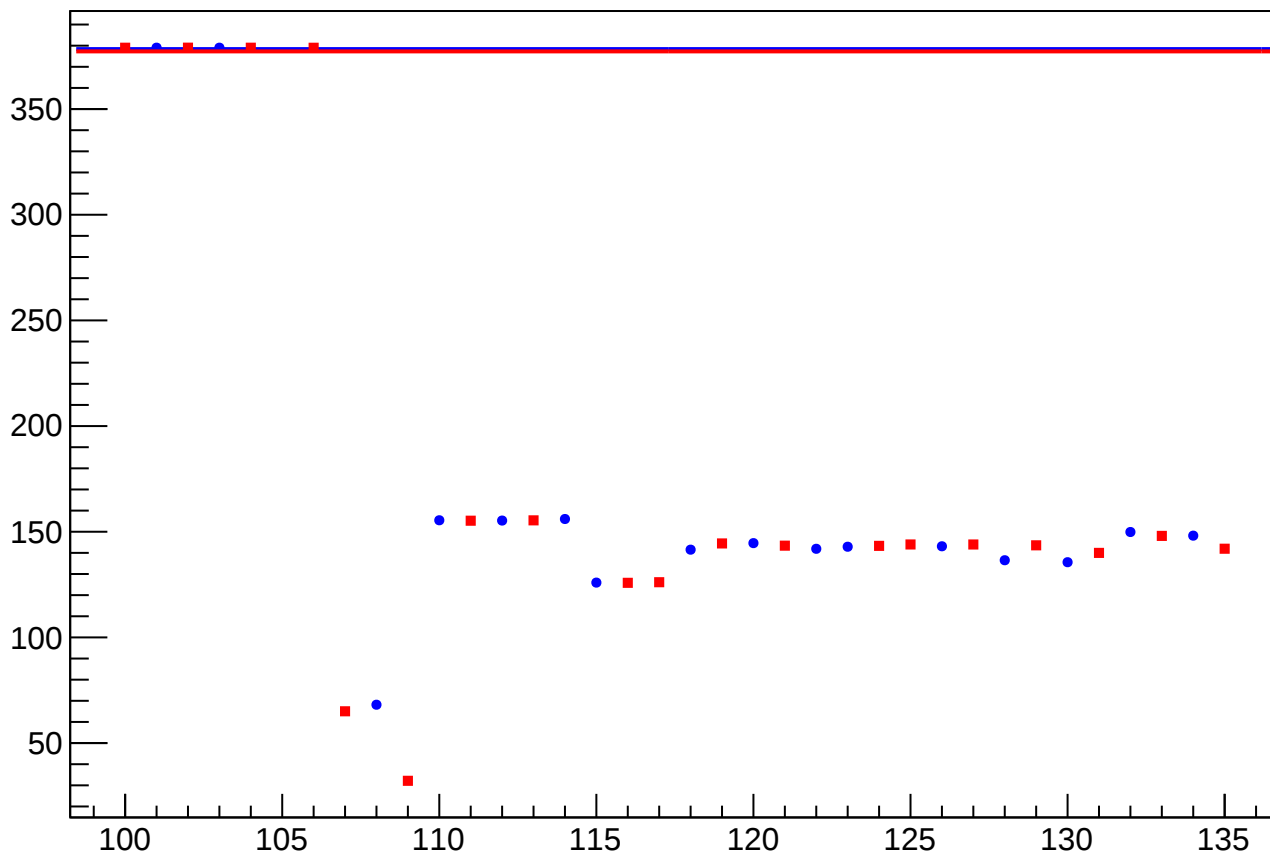
Right Out: 0.559+/-0.000 χ^2/NDF : 4719867.7/18

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

0.576+/-0.000 χ^2/NDF : 3470339.8/15

0.559+/-0.000 χ^2/NDF : 4719867.7/18

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

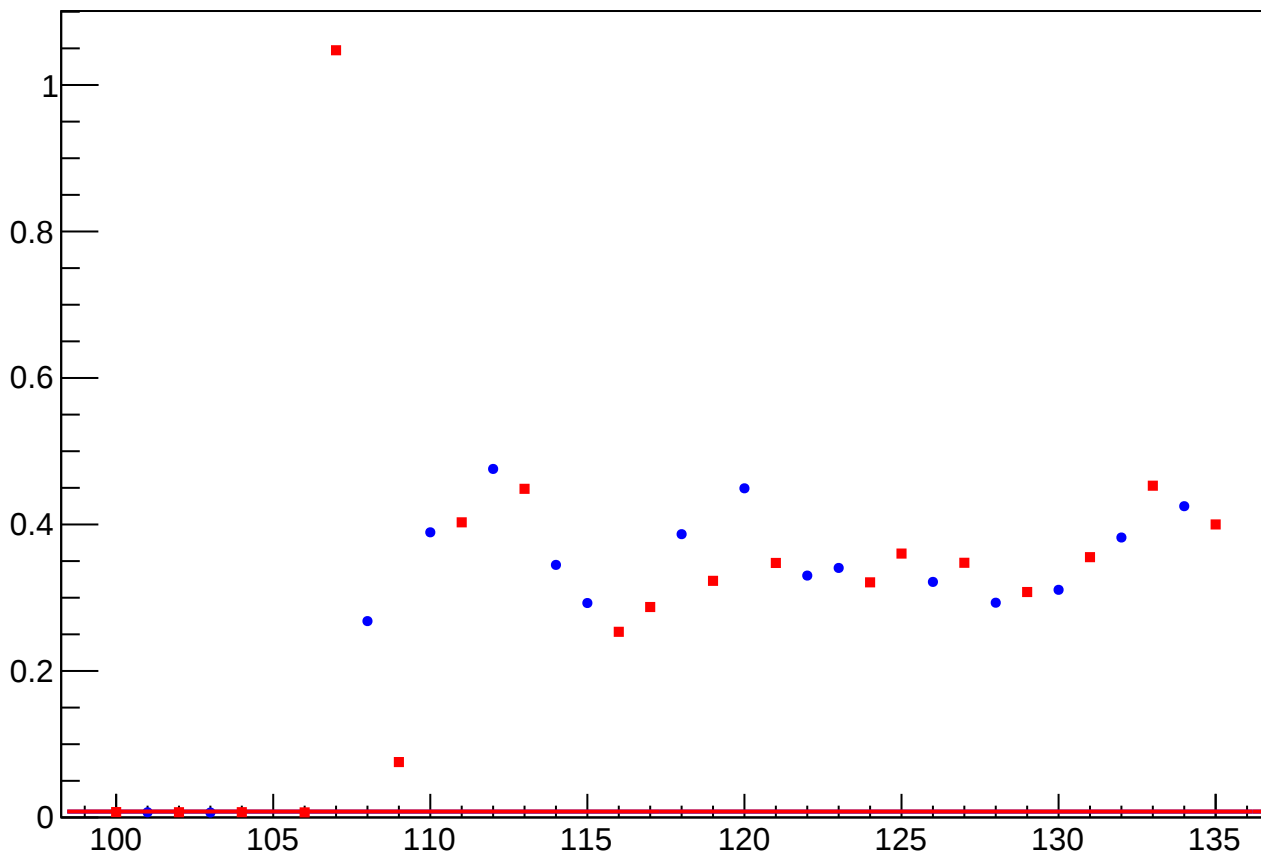
Right Out: 377.296+/-0.000 χ^2/NDF : 8258179086552.6/18

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

378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

377.296+/-0.000 χ^2/NDF : 8258179086552.6/18

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

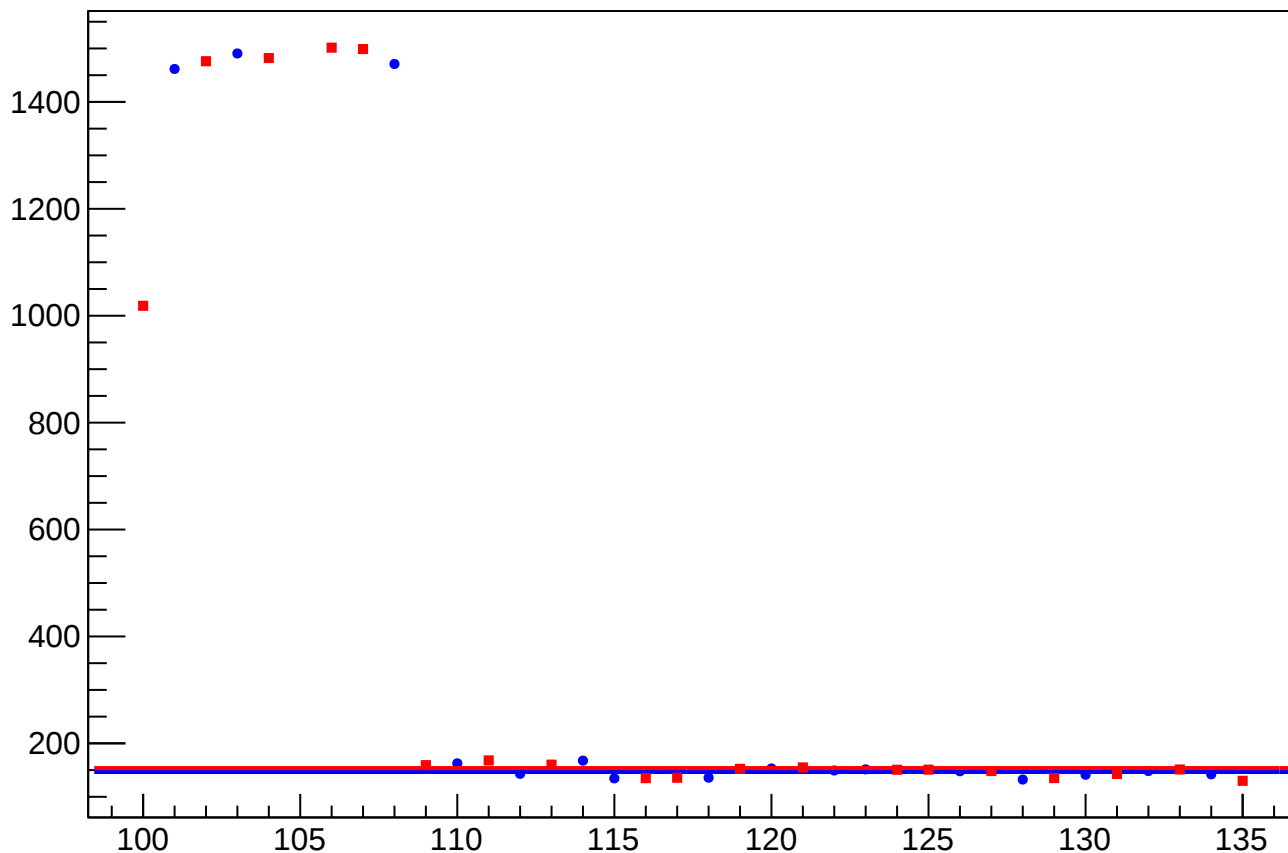
Right Out: 0.008+/-0.000 χ^2/NDF : 9243189.3/18

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 : 9243189.3/18

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

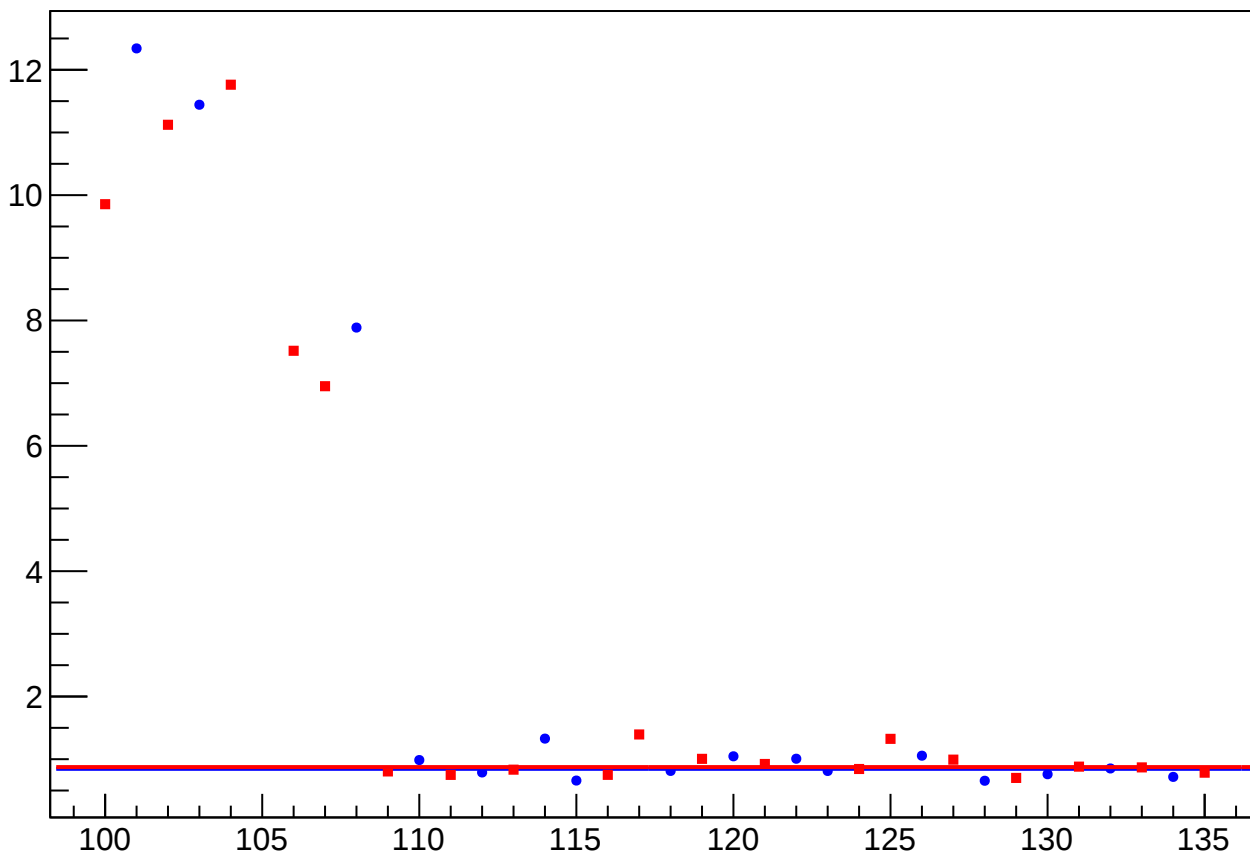
Right Out: 153.807+/-0.000 χ^2/NDF : 33744744158.5/18

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

146.431+/-0.000 χ^2/NDF : 24348022123.6/15

153.807+/-0.000 χ^2/NDF : 33744744158.5/18

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

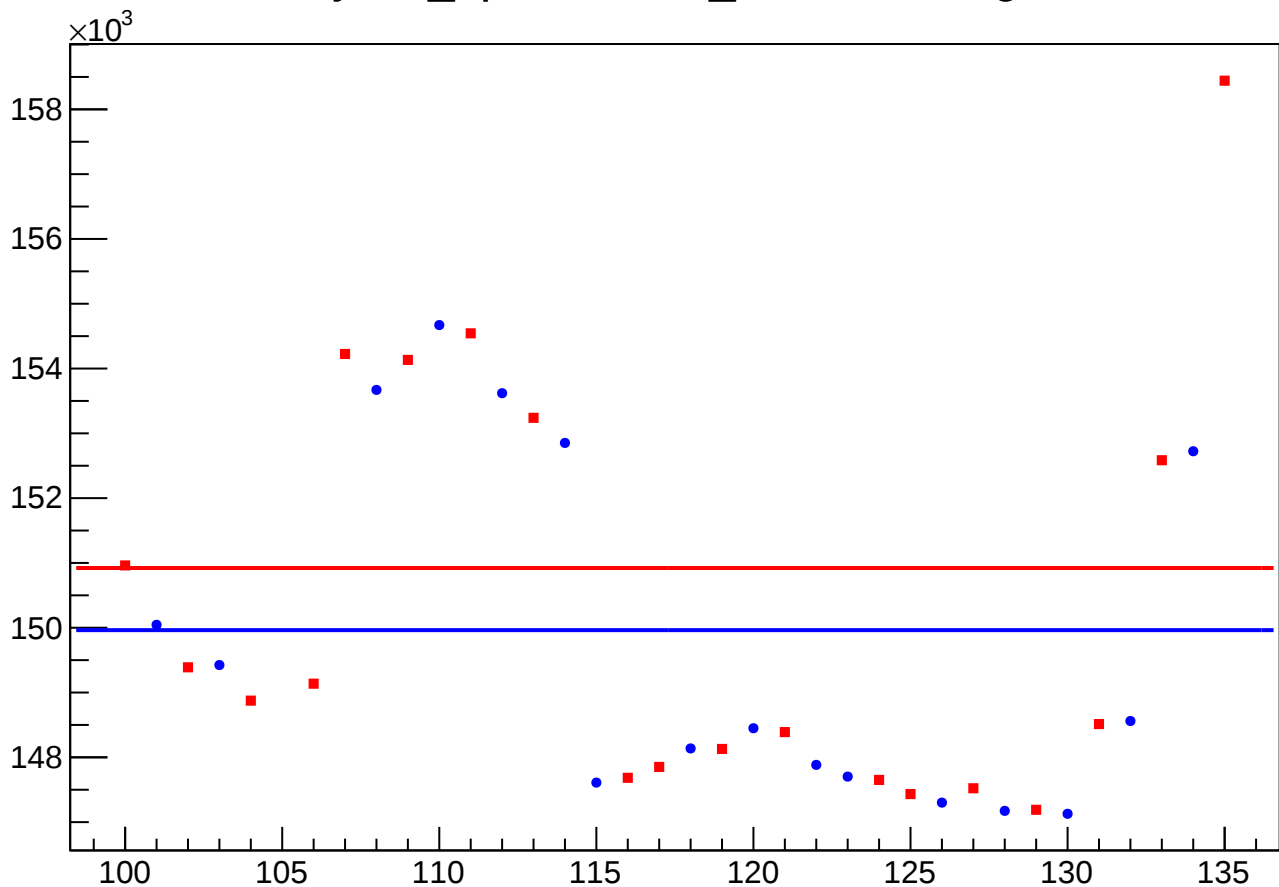
Right Out: 0.874+/-0.000 χ^2/NDF : 2797227.8/18

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

0.846+/-0.000 χ^2/NDF : 2670004.1/15

0.874+/-0.000 χ^2/NDF : 2797227.8/18

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

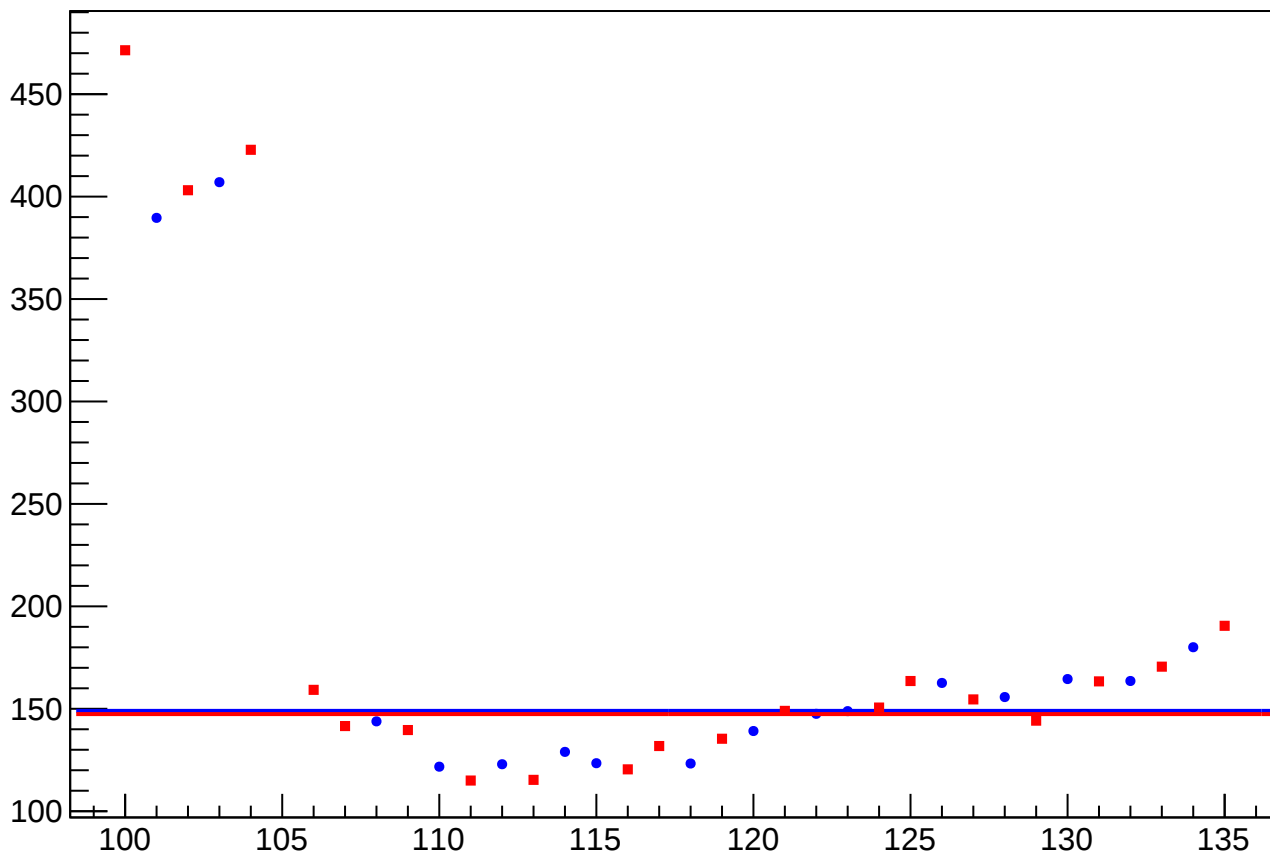
Right Out: 150922.077 $\pm$ 0.060 χ^2 /NDF: 3025749057.0/18

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

149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

150922.077 $\pm$ 0.060 χ^2 /NDF: 3025749057.0/18

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

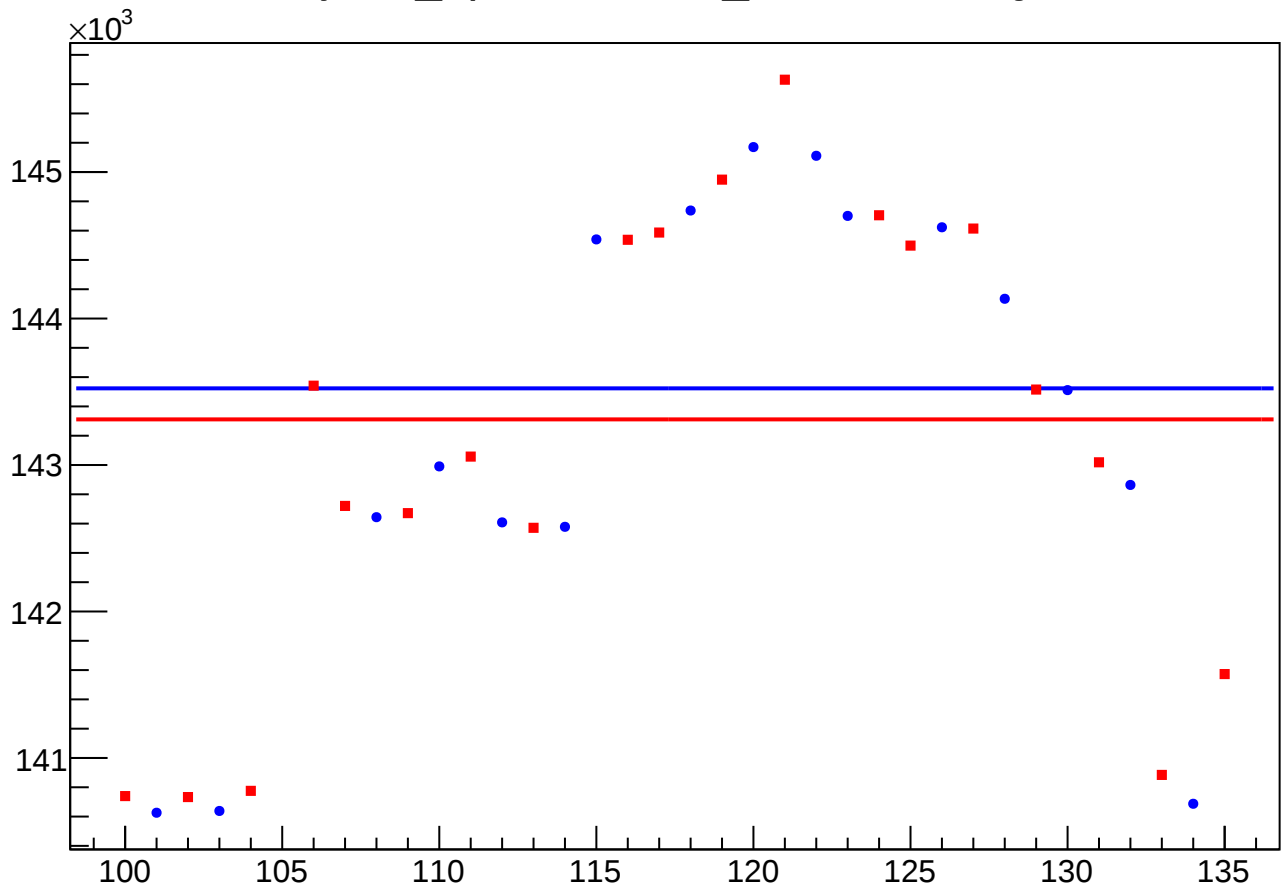
148.980 $\pm$ 0.047 χ^2 /NDF: 1070248.9/15

Right Out: 147.408 $\pm$ 0.042 χ^2 /NDF: 1167579.3/18

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

147.408 $\pm$ 0.042 χ^2 /NDF: 1167579.3/18

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

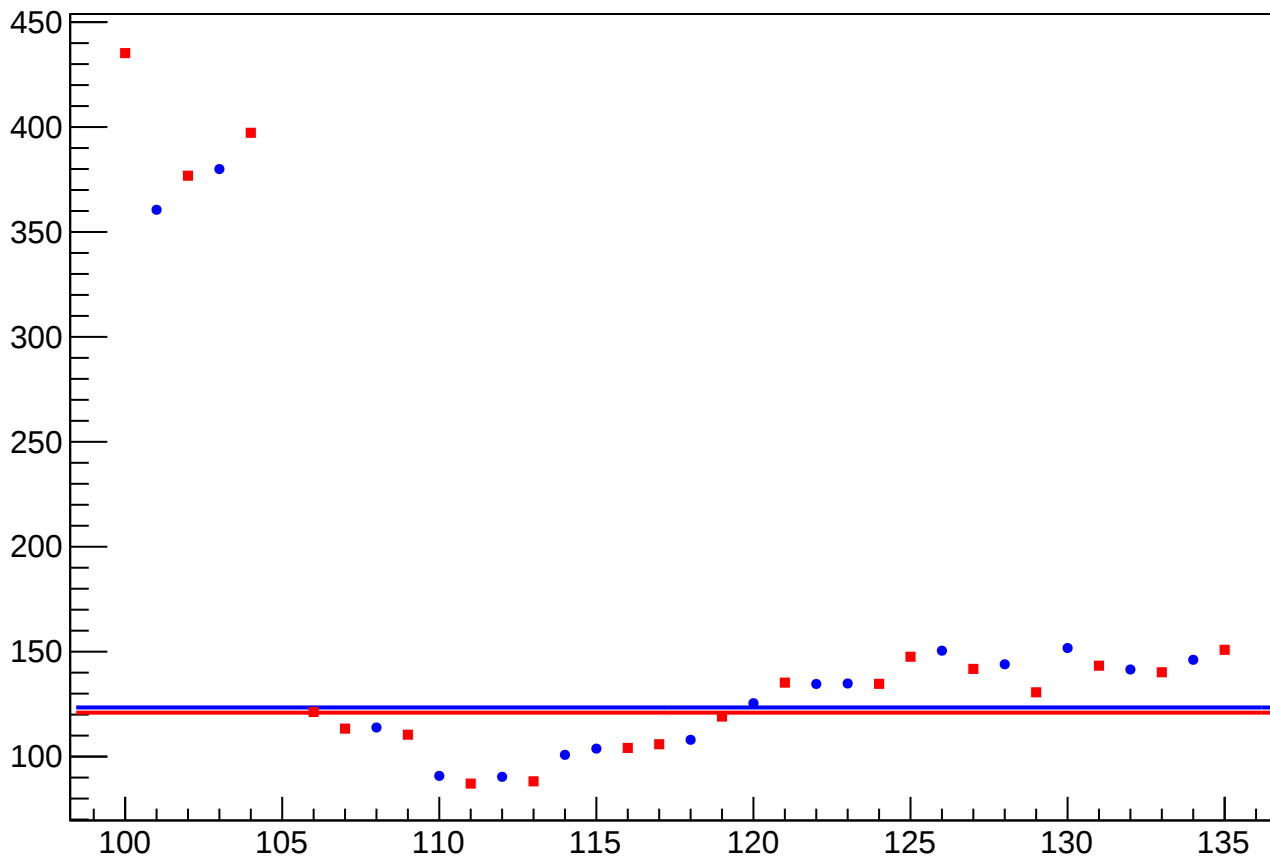
143523.346 $\pm$ 0.055 χ^2 /NDF: 454436628.1/15

Right Out: 143311.517 $\pm$ 0.049 χ^2 /NDF: 610028577.2/18

143311.517 $\pm$ 0.049 χ^2 /NDF: 610028577.2/18

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

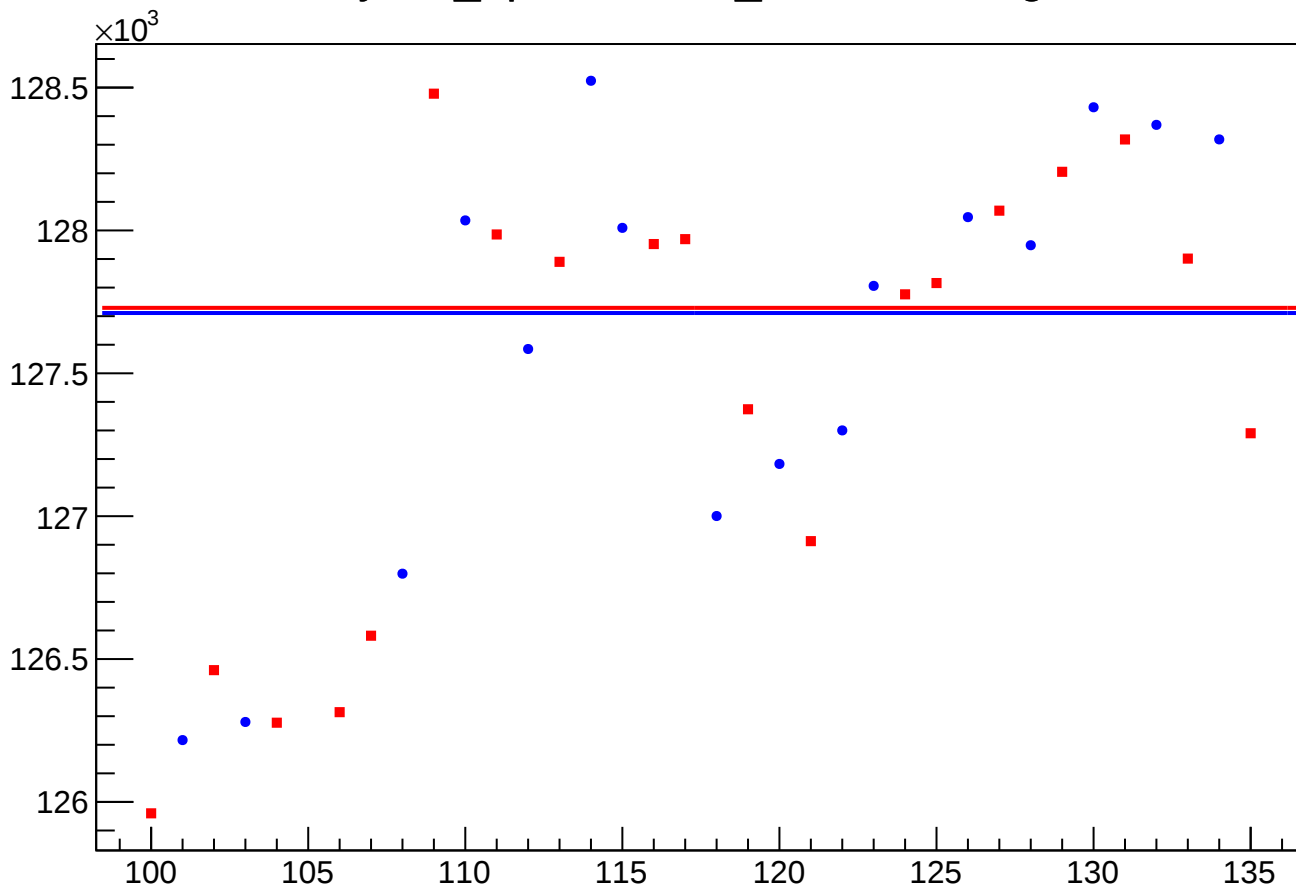
123.408 $\pm$ 0.039 χ^2 /NDF: 1372176.3/15

Right Out: 120.933 $\pm$ 0.035 χ^2 /NDF: 1443179.5/18

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

120.933 $\pm$ 0.035 χ^2 /NDF: 1443179.5/18

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

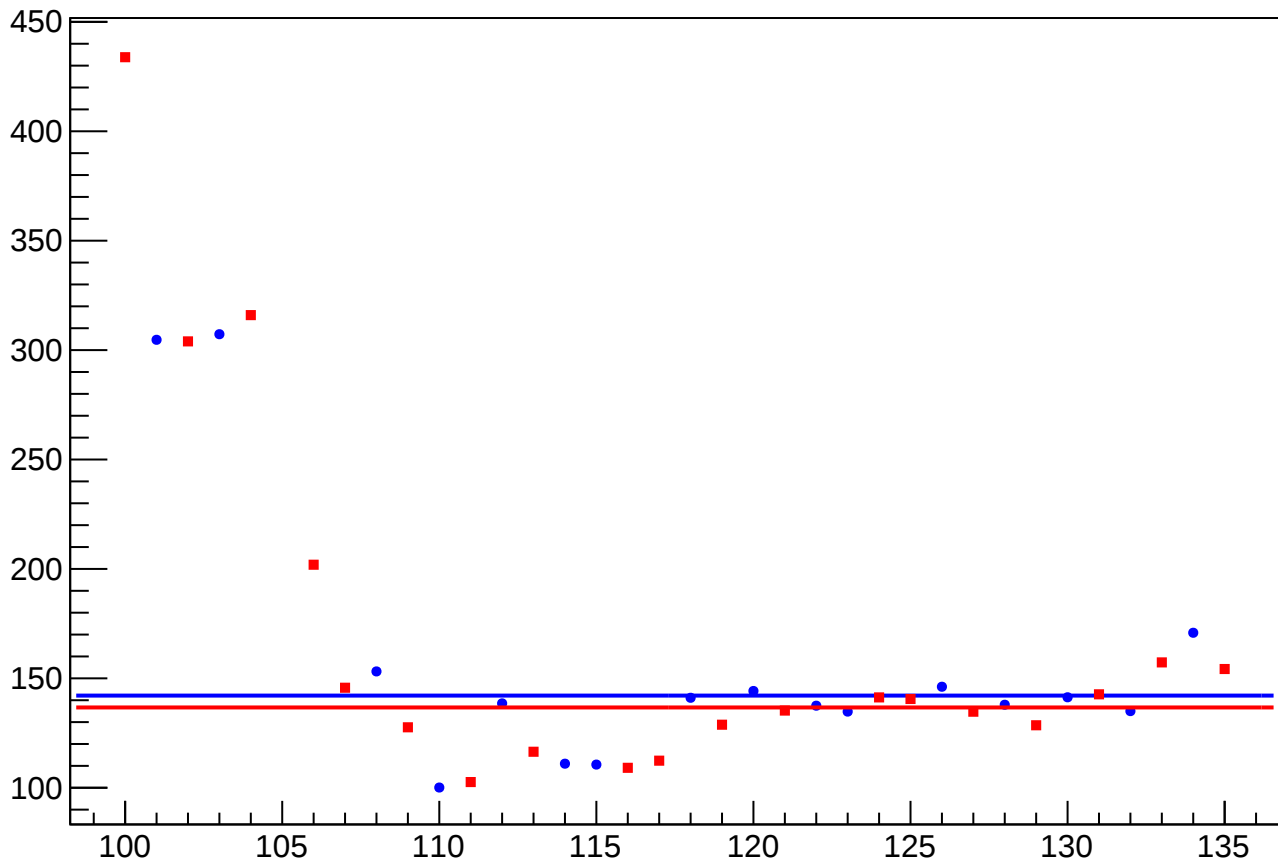
127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

Right Out: 127729.111 $\pm$ 0.055 χ^2 /NDF: 112740941.7/18

127729.111 $\pm$ 0.055 χ^2 /NDF: 112740941.7/18

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

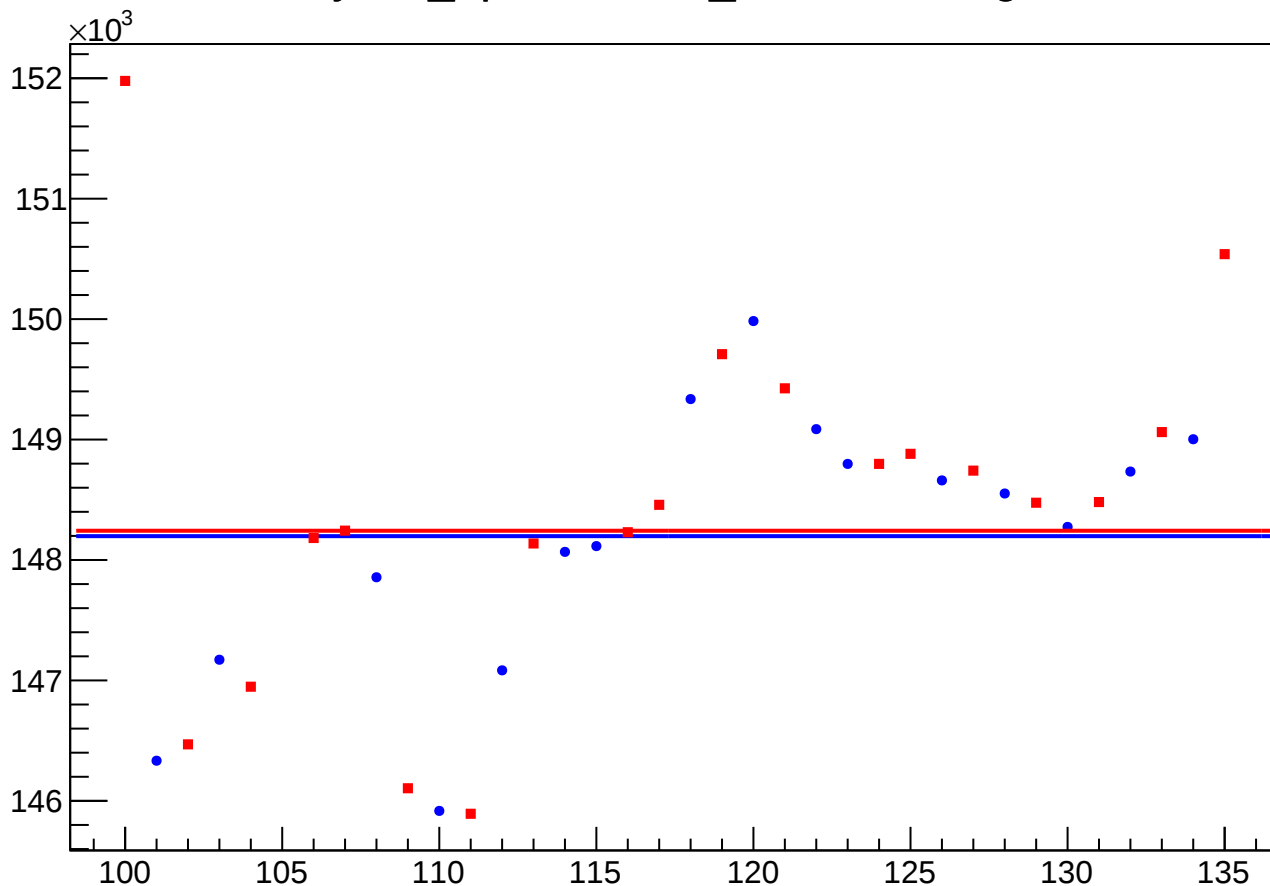
Right Out: 136.694+/-0.039 χ^2/NDF : 959563.2/18

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

142.116+/-0.044 χ^2/NDF : 835681.9/15

136.694+/-0.039 χ^2/NDF : 959563.2/18

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

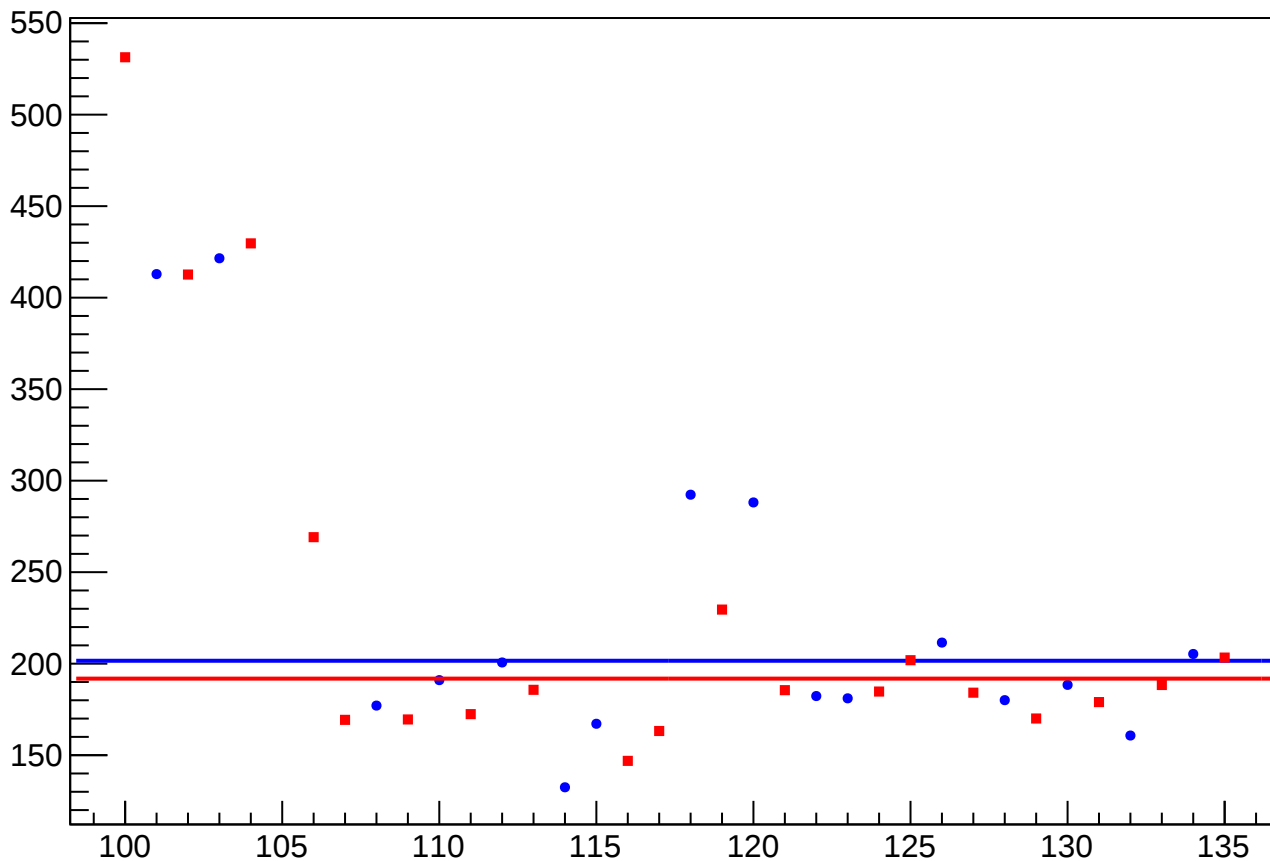
148197.841 $\pm$ 0.089 χ^2 /NDF: 115921787.0/15

Right Out: 148242.913 $\pm$ 0.077 χ^2 /NDF: 273900341.8/18

148242.913 $\pm$ 0.077 χ^2 /NDF: 273900341.8/18

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

yield_bpm0l02WS_rms vs Slug



Right In: 201.595+/-0.063 χ^2/NDF : 934382.2/15

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

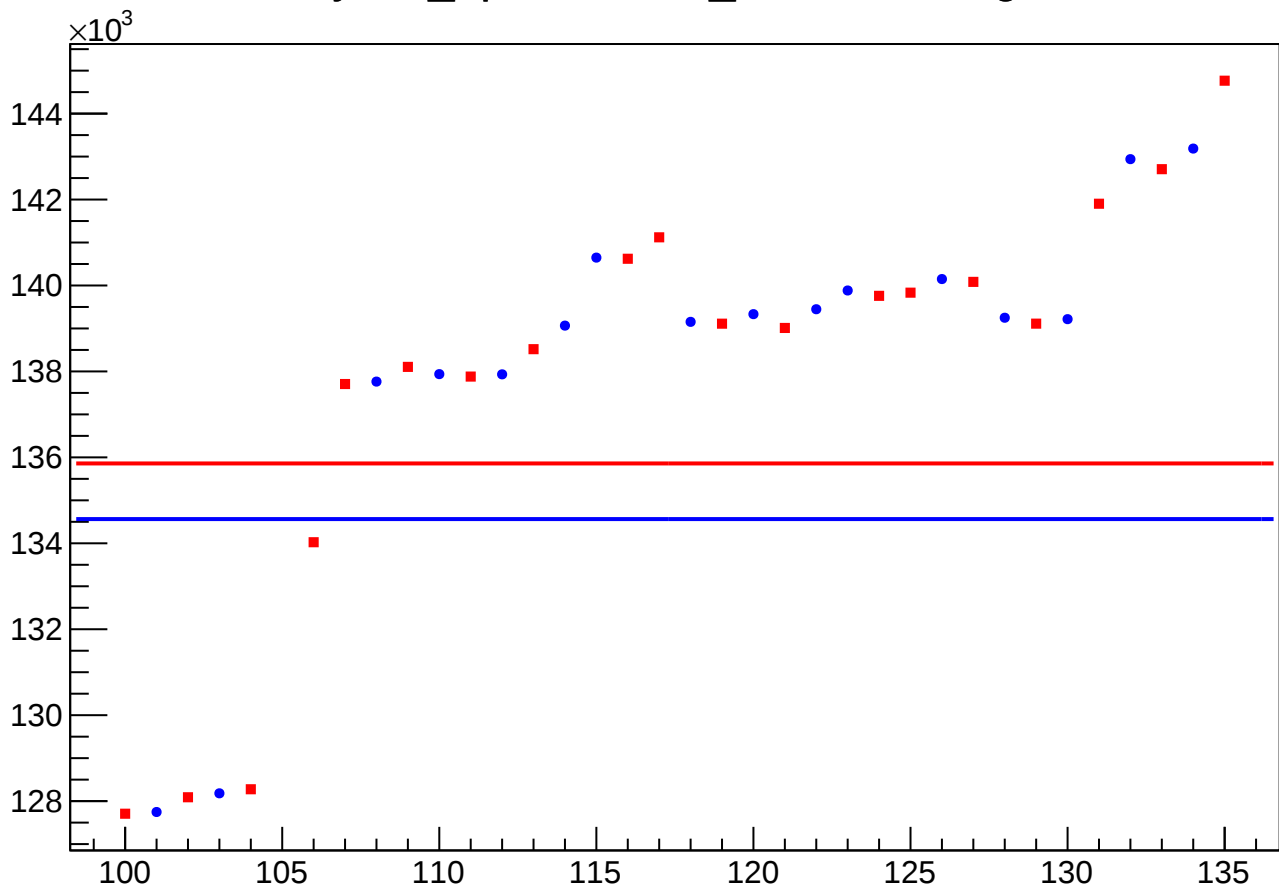
201.595+/-0.063 χ^2/NDF : 934382.2/15

Right Out: 191.837+/-0.055 χ^2/NDF : 846615.5/18

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

191.837+/-0.055 χ^2/NDF : 846615.5/18

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

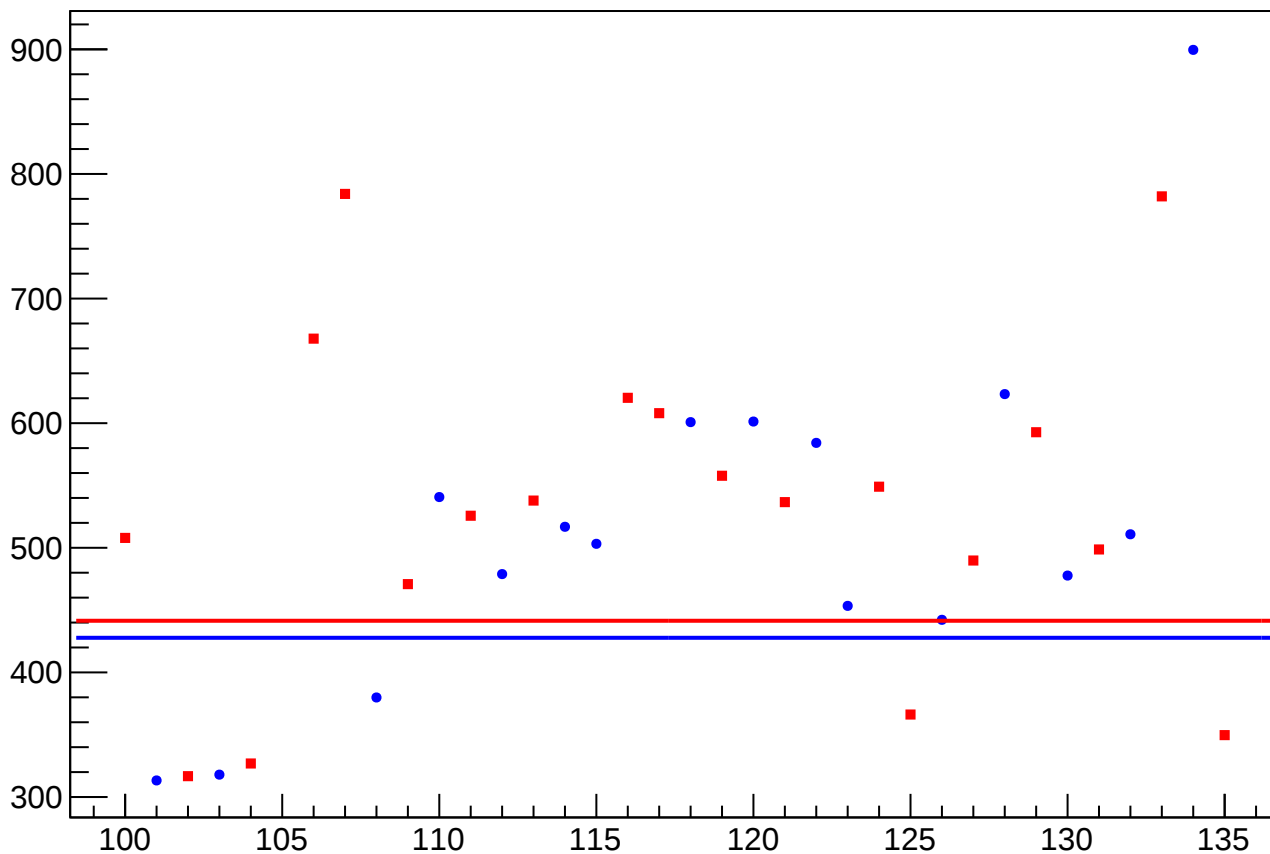
134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

Right Out: 135858.509 $\pm$ 0.184 χ^2 /NDF: 1047350138.3/18

135858.509 $\pm$ 0.184 χ^2 /NDF: 1047350138.3/18

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

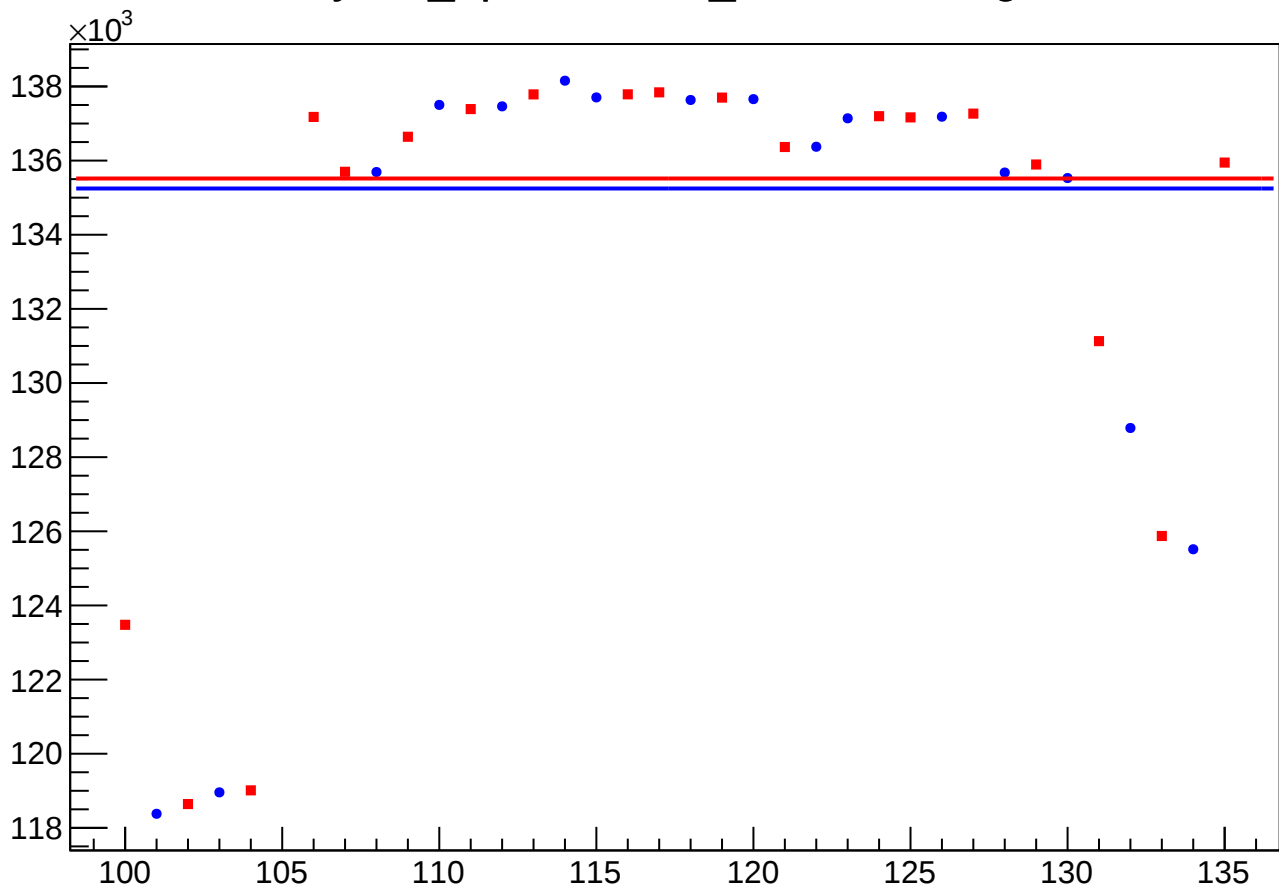
427.781+/-0.135 χ^2/NDF : 721279.9/15

Right Out: 441.443+/-0.130 χ^2/NDF : 896955.7/18

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

441.443+/-0.130 χ^2/NDF : 896955.7/18

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

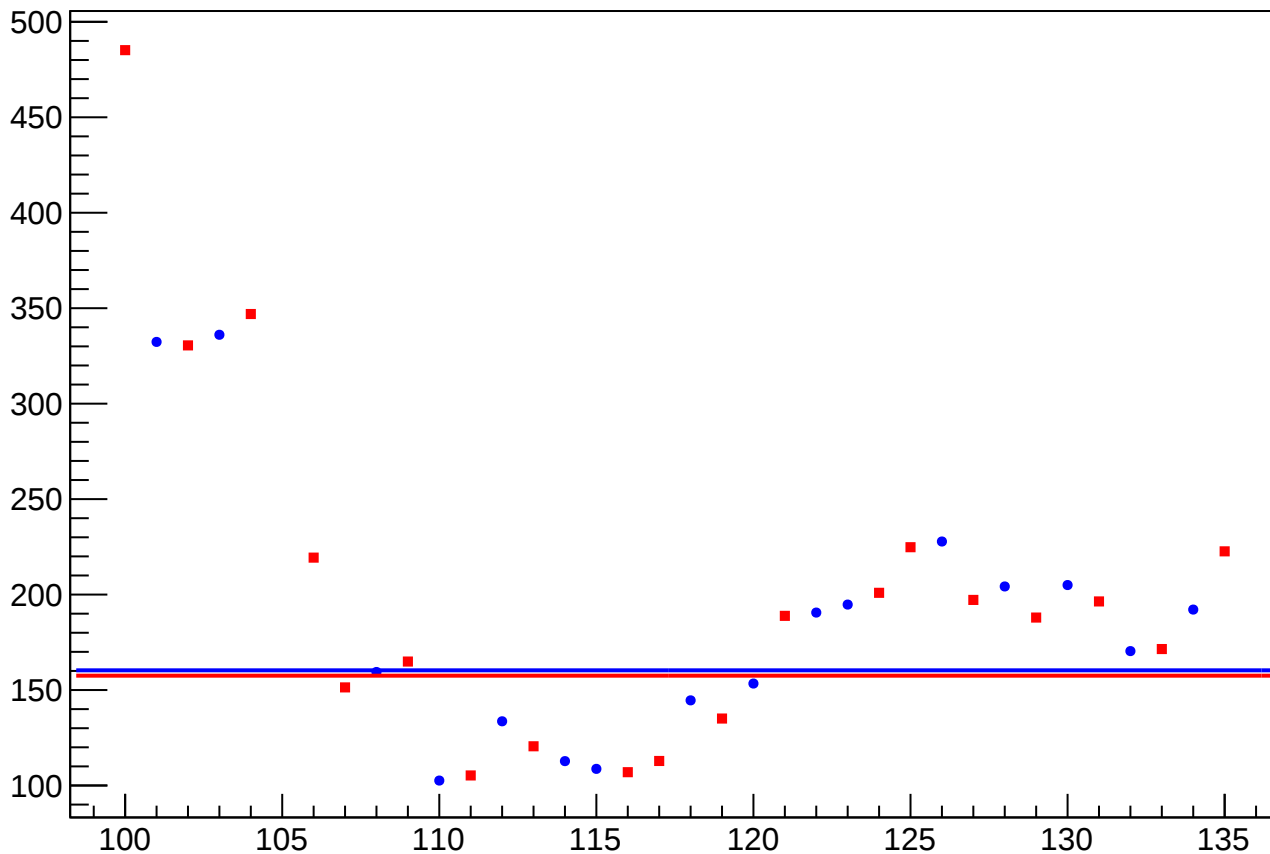
135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

Right Out: 135516.942 $\pm$ 0.065 χ^2 /NDF: 4743480475.0/18

135516.942 $\pm$ 0.065 χ^2 /NDF: 4743480475.0/18

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

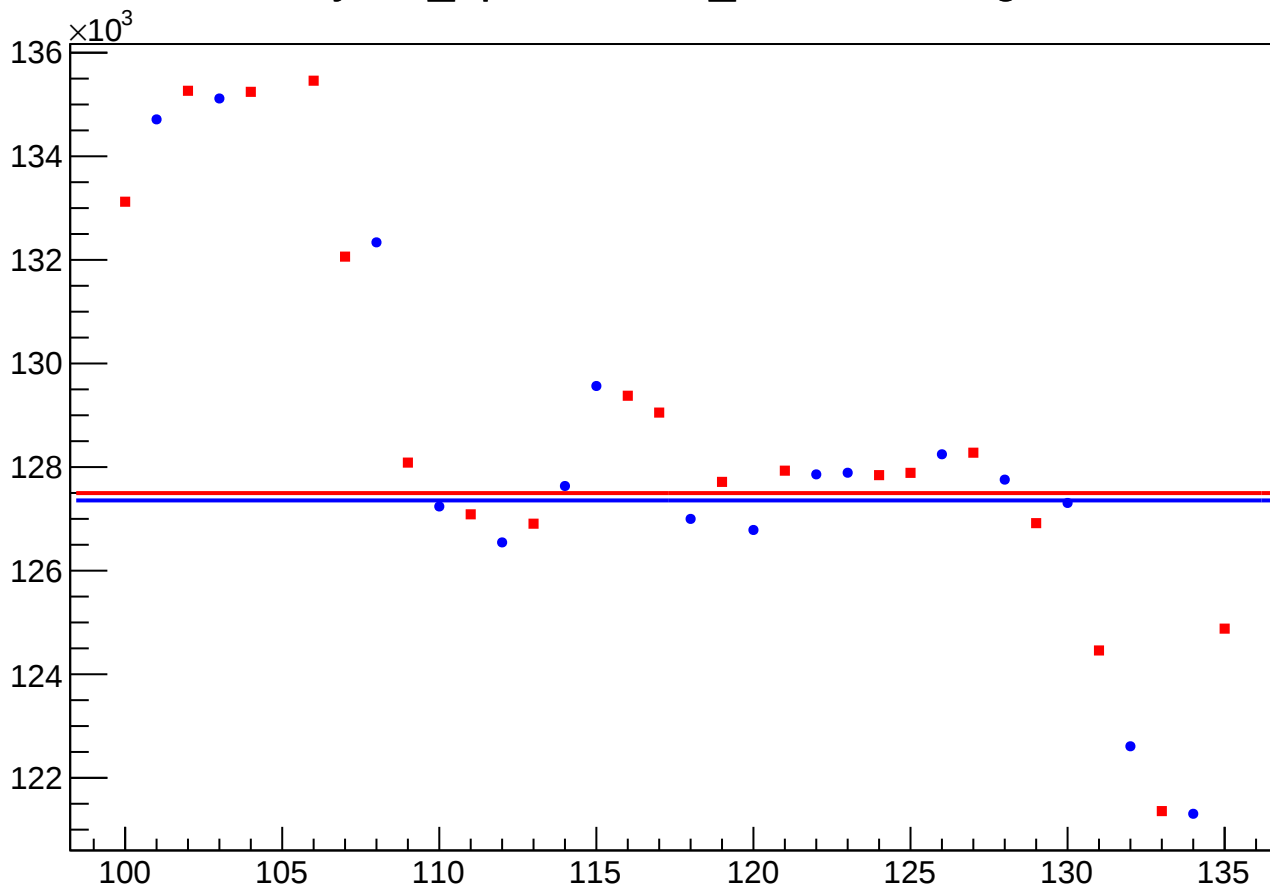
160.322+/-0.051 χ^2/NDF : 1161517.5/15

Right Out: 157.524+/-0.046 χ^2/NDF : 1380861.9/18

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

157.524+/-0.046 χ^2/NDF : 1380861.9/18

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

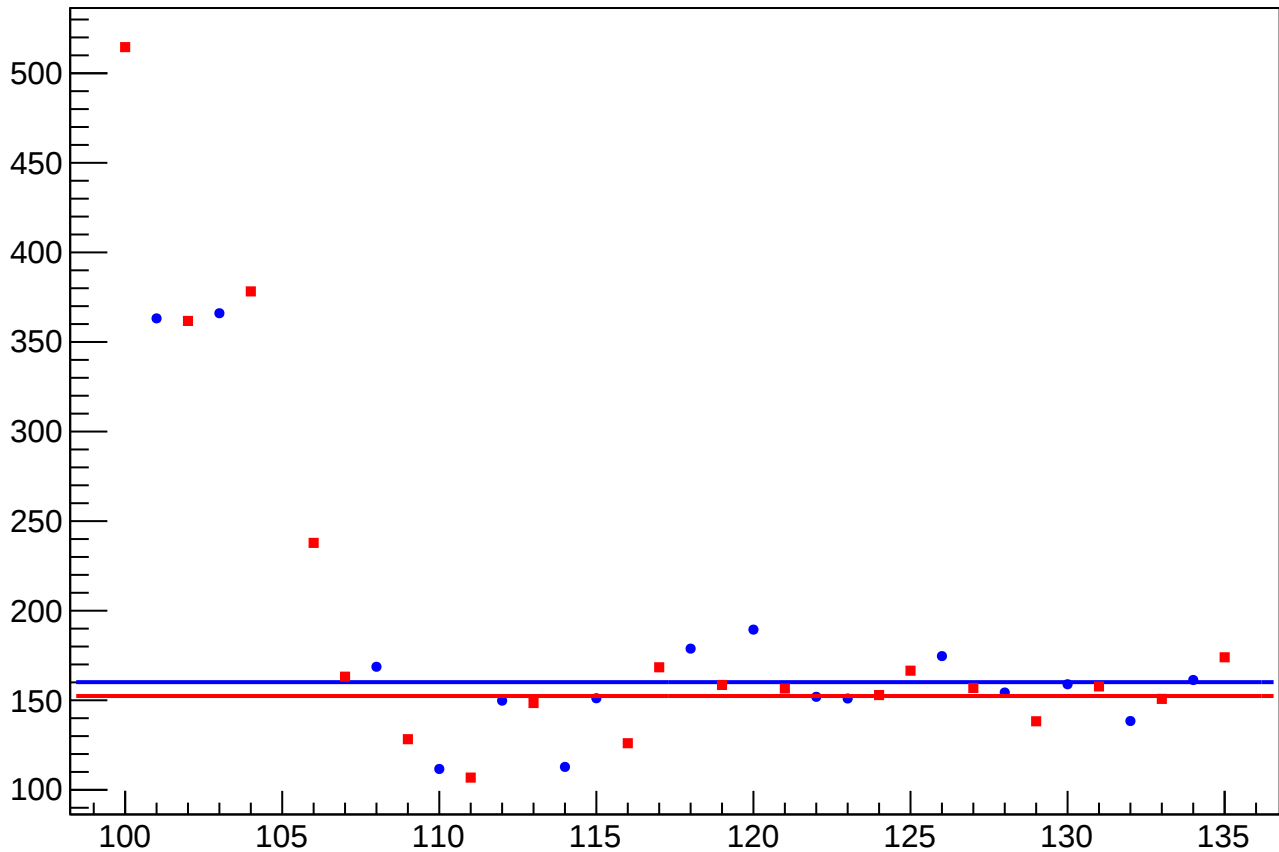
127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

Right Out: 127497.800 $\pm$ 0.062 χ^2 /NDF: 2053995113.6/18

127497.800 $\pm$ 0.062 χ^2 /NDF: 2053995113.6/18

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

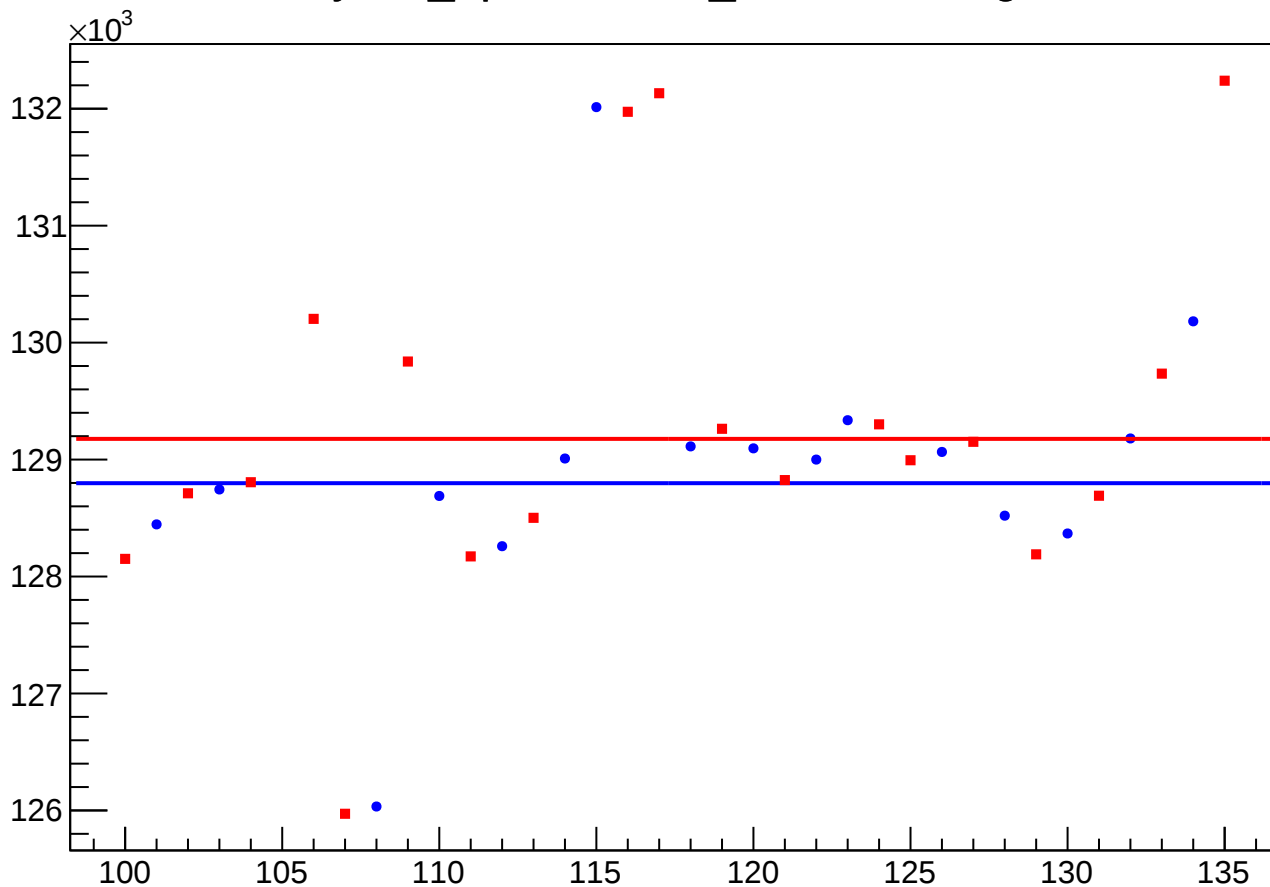
160.121+/-0.050 χ^2/NDF : 942173.4/15

Right Out: 152.379+/-0.044 χ^2/NDF : 1084974.3/18

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

152.379+/-0.044 χ^2/NDF : 1084974.3/18

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

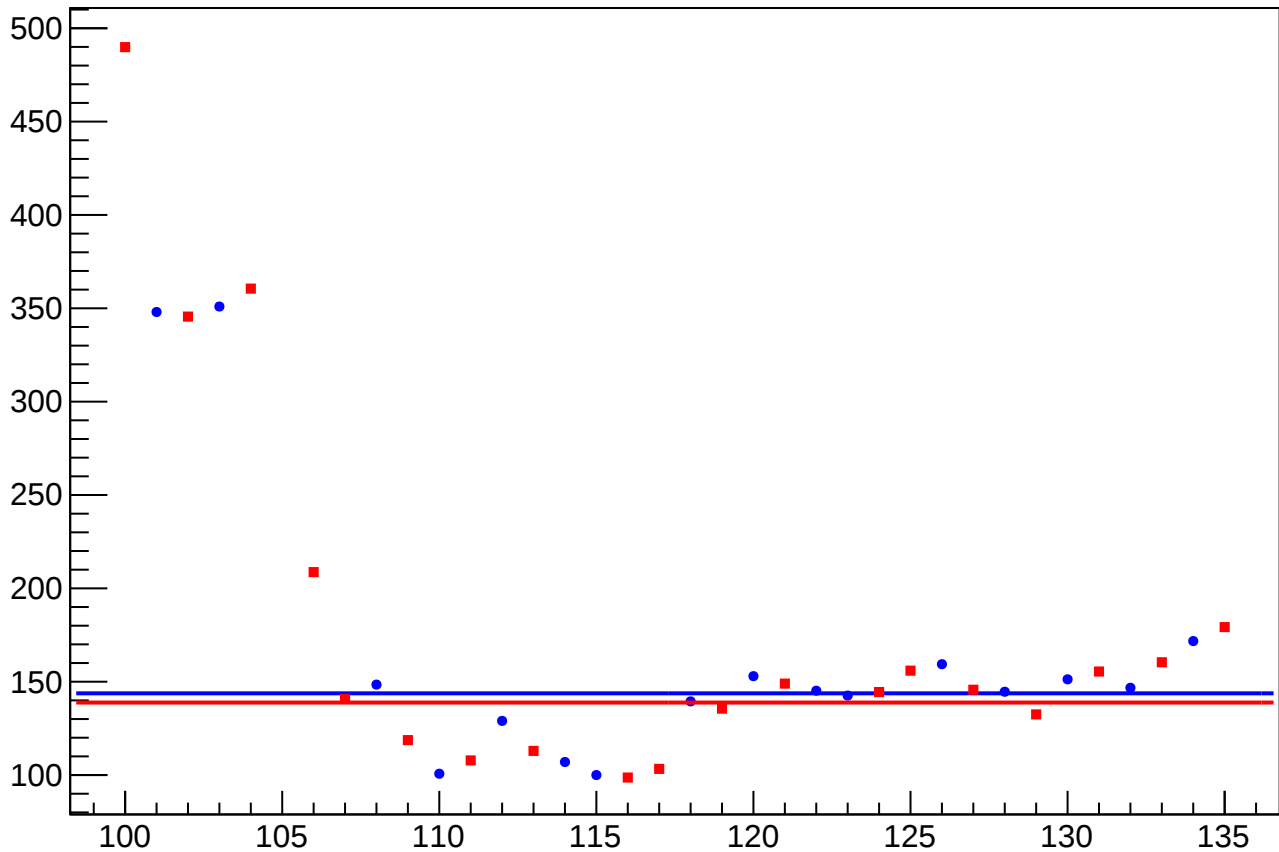
Right Out: 129176.935 $\pm$ 0.056 χ^2 /NDF: 632941733.7/18

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

128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

129176.935 $\pm$ 0.056 χ^2 /NDF: 632941733.7/18

yield_bpm0l06WS_rms vs Slug



Right In: 143.774 $\pm$ 0.045 χ^2 /NDF: 1030847.9/15

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

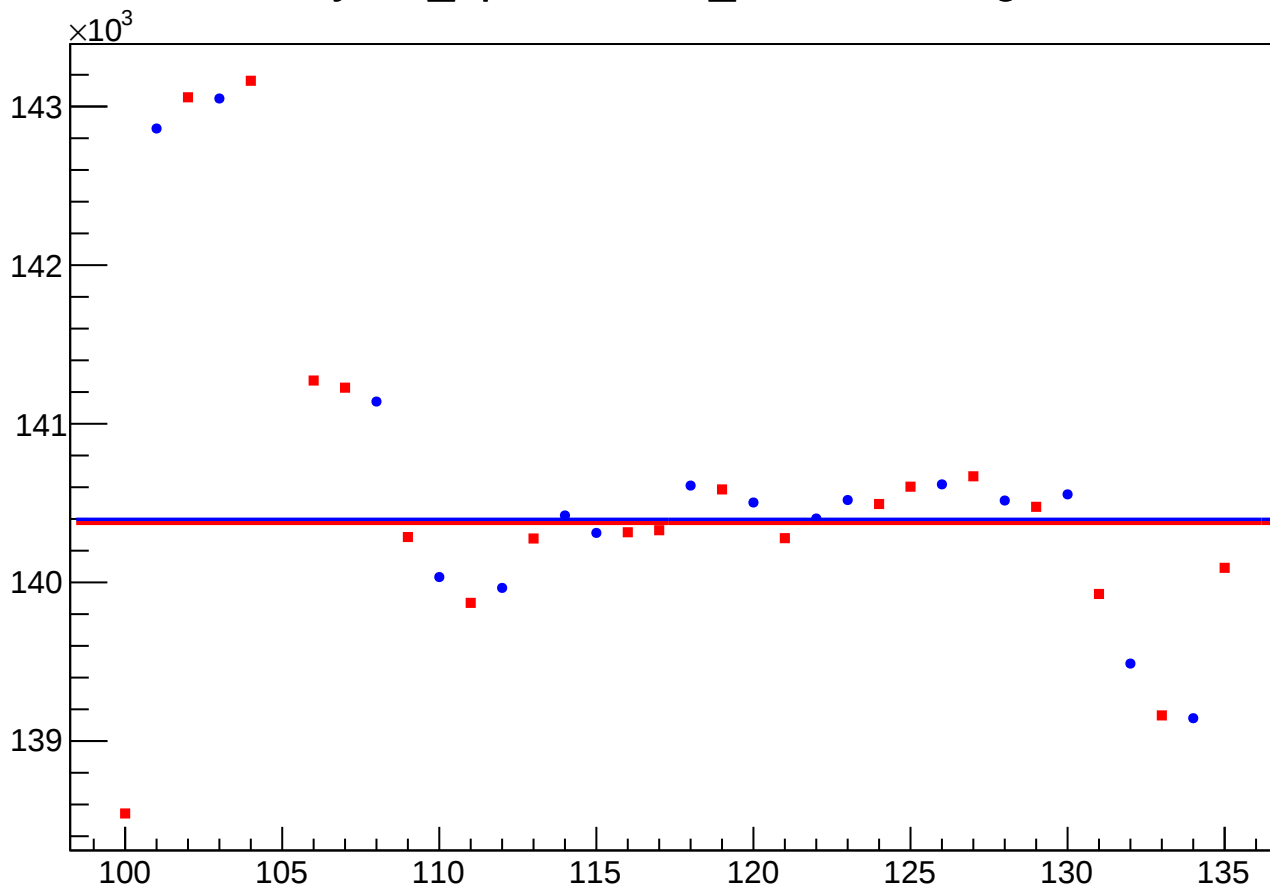
143.774 $\pm$ 0.045 χ^2 /NDF: 1030847.9/15

Right Out: 138.842 $\pm$ 0.040 χ^2 /NDF: 1202186.4/18

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

138.842 $\pm$ 0.040 χ^2 /NDF: 1202186.4/18

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

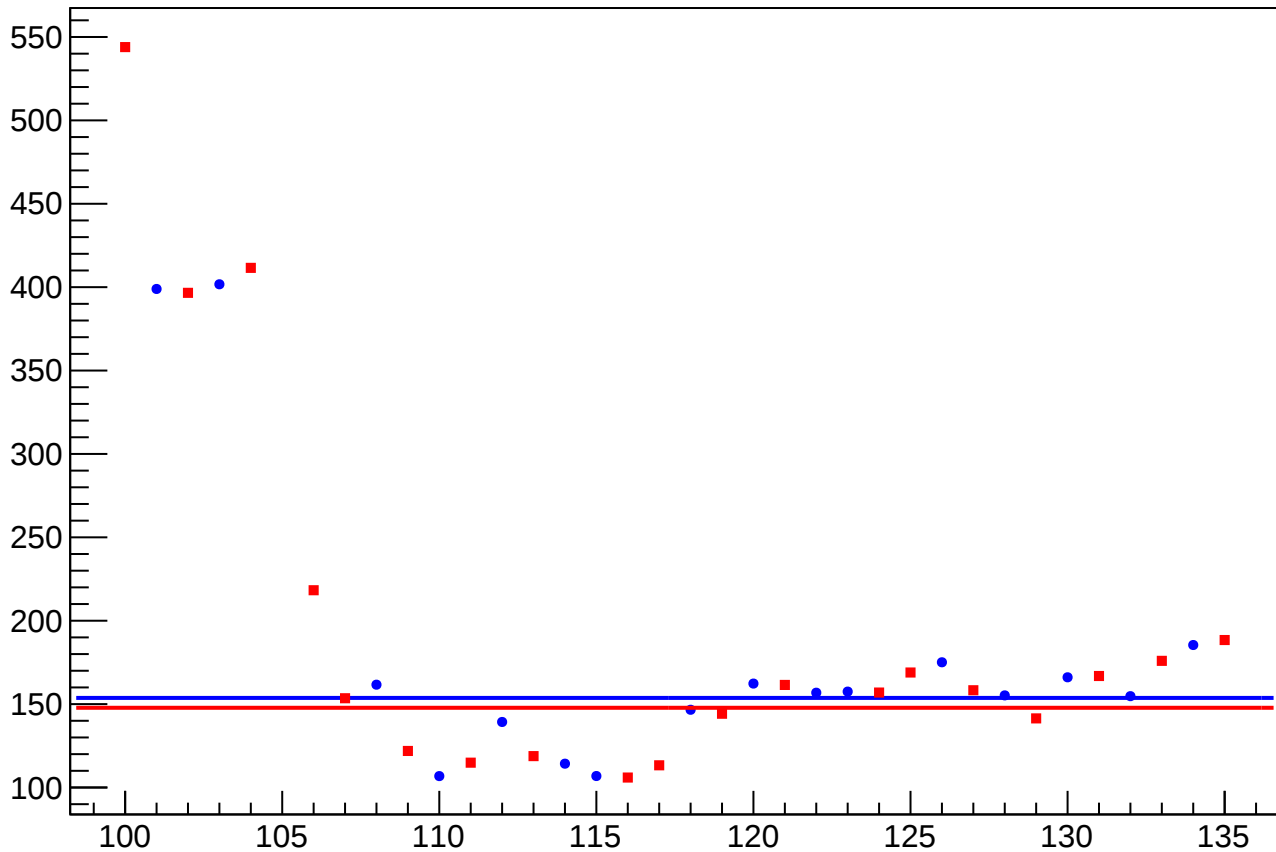
140395.845 $\pm$ 0.068 χ^2 /NDF: 87995181.2/15

Right Out: 140374.037 $\pm$ 0.060 χ^2 /NDF: 99833148.6/18

140374.037 $\pm$ 0.060 χ^2 /NDF: 99833148.6/18

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

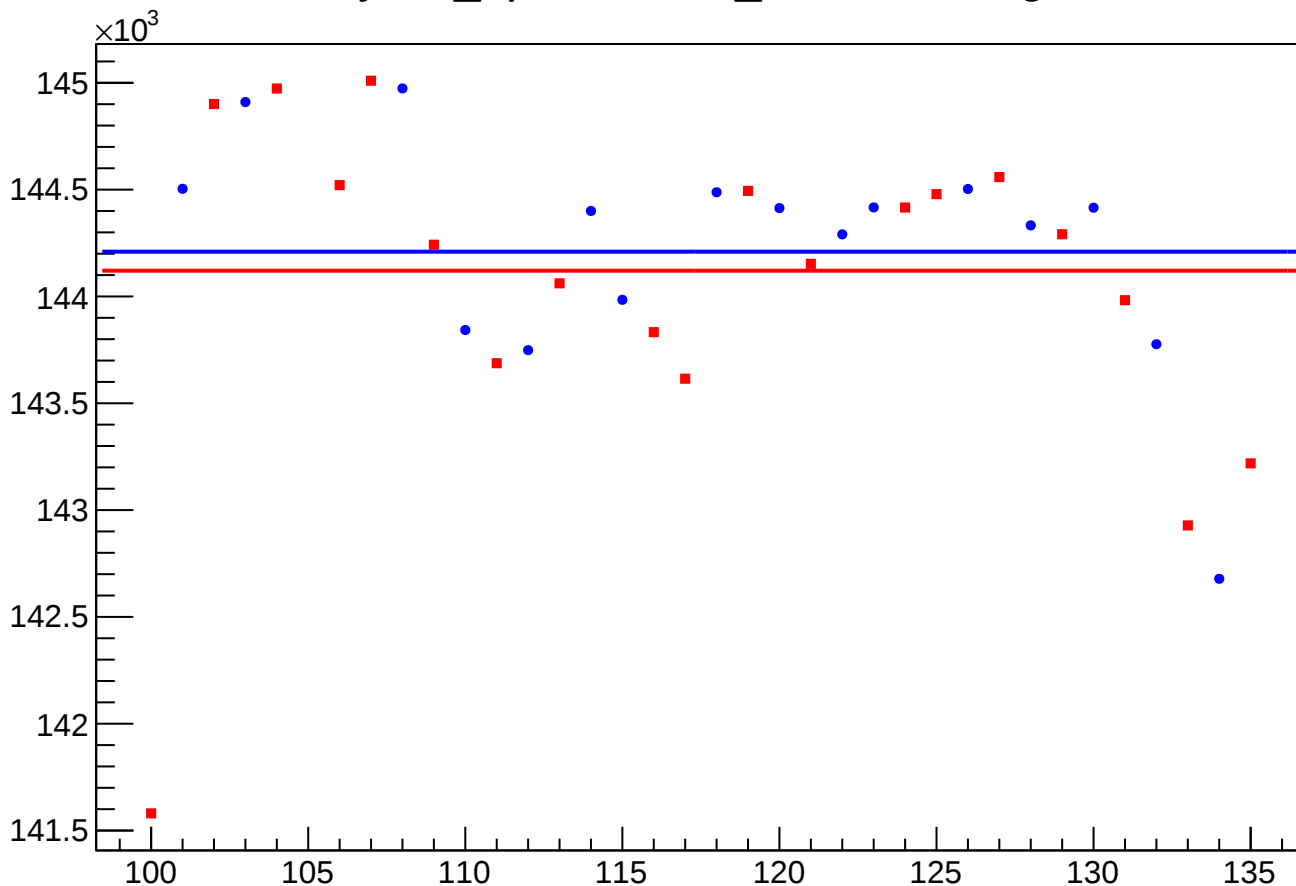
153.717 $\pm$ 0.048 χ^2 /NDF: 1125928.3/15

Right Out: 147.801 $\pm$ 0.042 χ^2 /NDF: 1301235.0/18

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

147.801 $\pm$ 0.042 χ^2 /NDF: 1301235.0/18

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

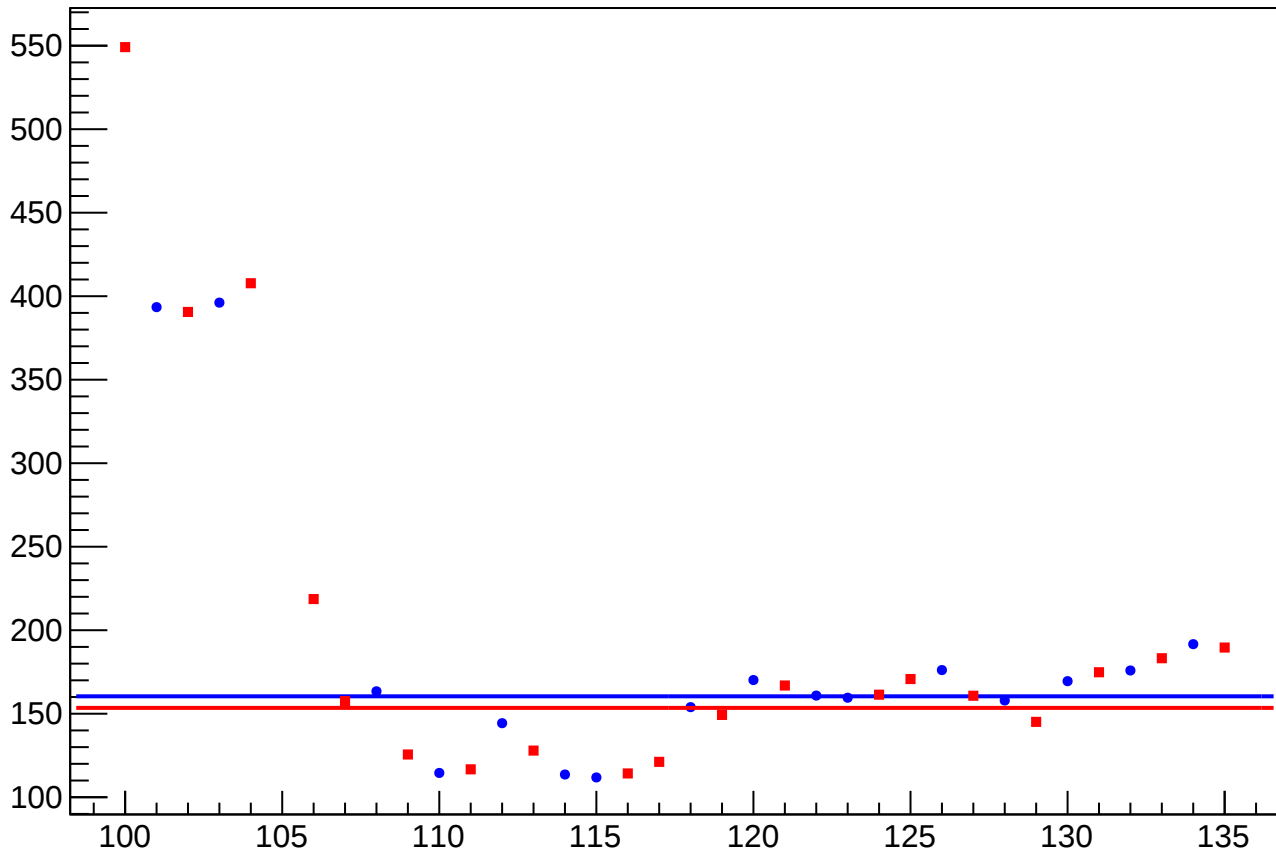
144209.626 $\pm$ 0.071 χ^2 /NDF: 37494096.4/15

Right Out: 144120.657 $\pm$ 0.062 χ^2 /NDF: 62425052.5/18

144120.657 $\pm$ 0.062 χ^2 /NDF: 62425052.5/18

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

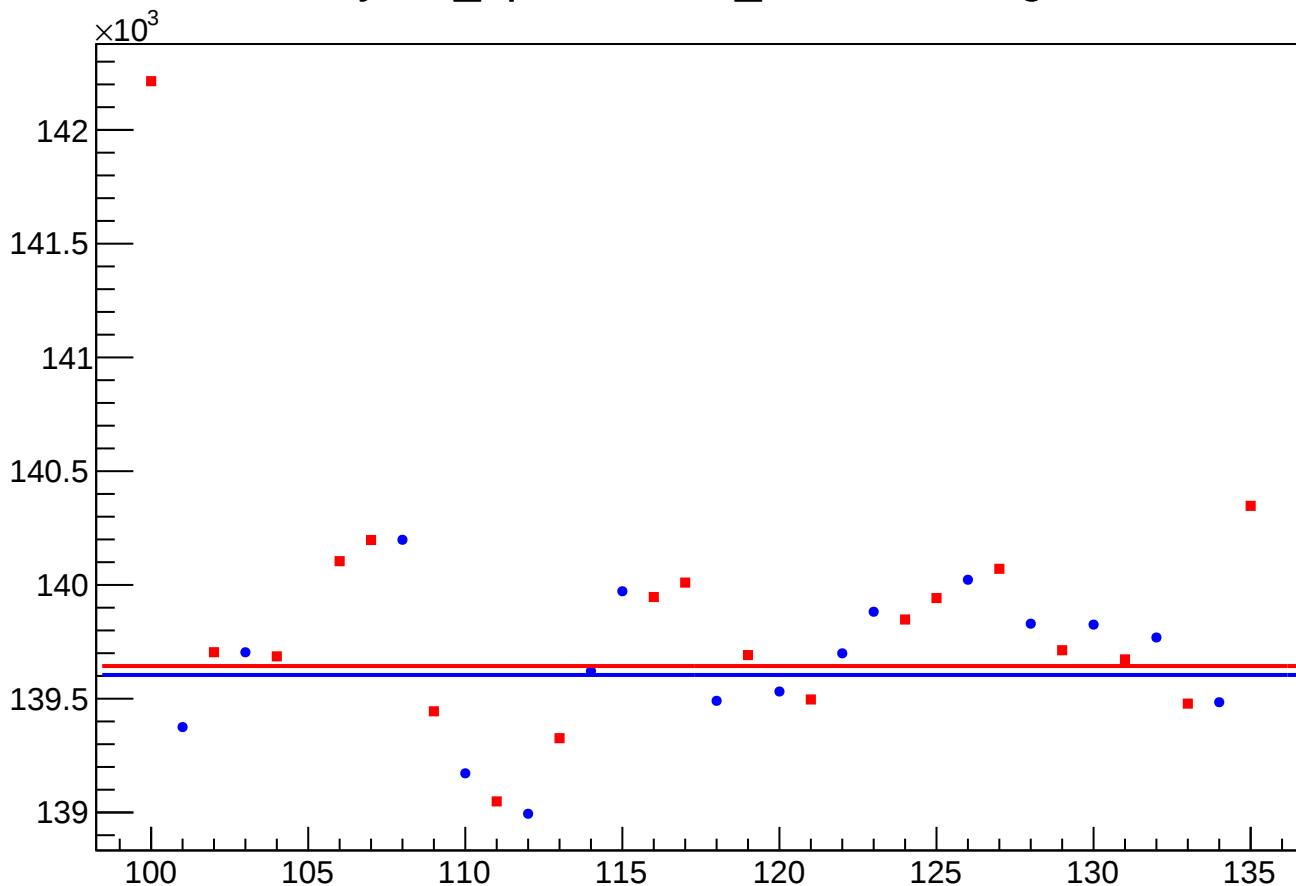
160.424 $\pm$ 0.050 χ^2 /NDF: 1047889.2/15

Right Out: 153.498 $\pm$ 0.044 χ^2 /NDF: 1212501.5/18

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

153.498 $\pm$ 0.044 χ^2 /NDF: 1212501.5/18

yield_bpm0l09WS_mean vs Slug



Right In: 139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

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

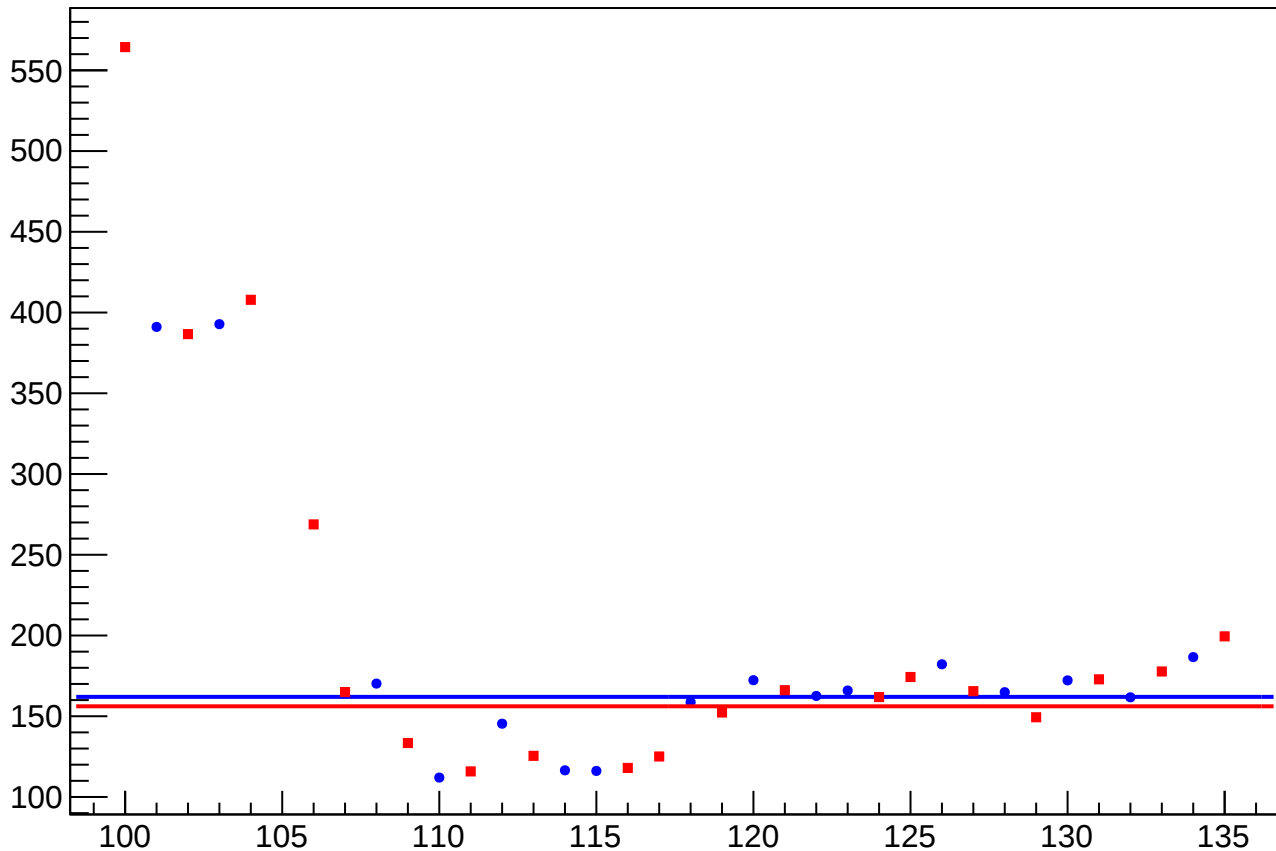
139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

Right Out: 139643.549 $\pm$ 0.063 χ^2 /NDF: 32652016.4/18

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

139643.549 $\pm$ 0.063 χ^2 /NDF: 32652016.4/18

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

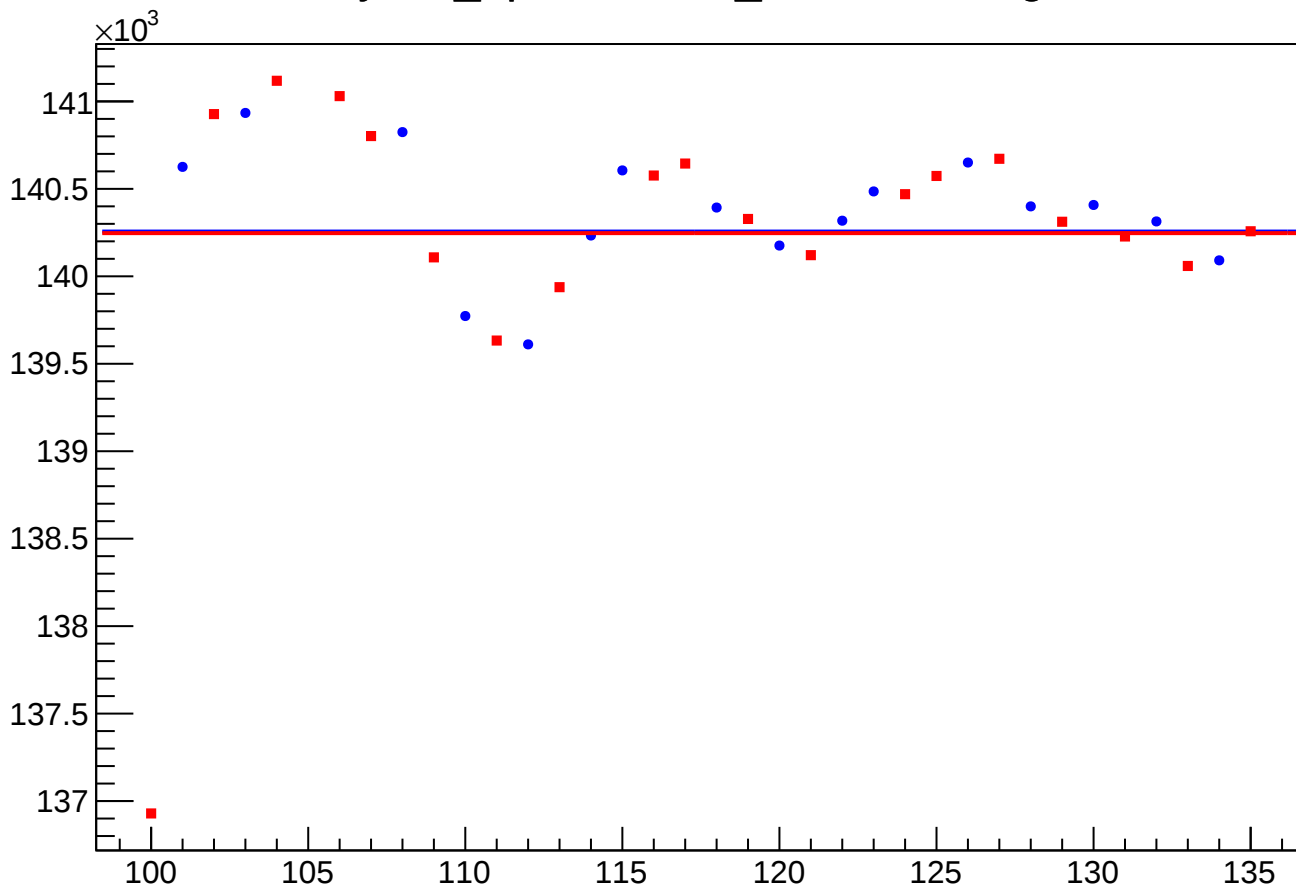
161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

Right Out: 156.154 $\pm$ 0.045 χ^2 /NDF: 1238416.7/18

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

156.154 $\pm$ 0.045 χ^2 /NDF: 1238416.7/18

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

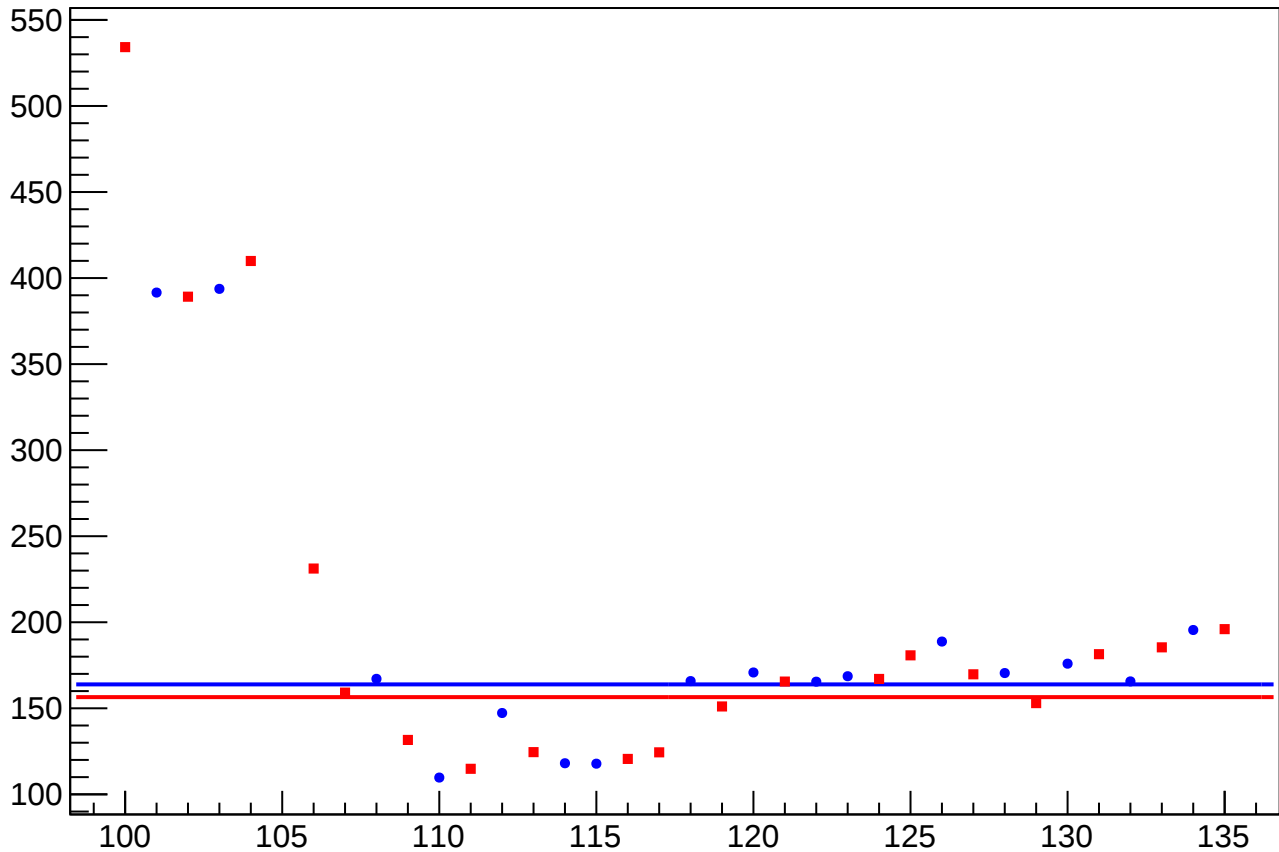
Right Out: 140246.878 $\pm$ 0.063 χ^2 /NDF: 36111349.1/18

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

140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

140246.878 $\pm$ 0.063 χ^2 /NDF: 36111349.1/18

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

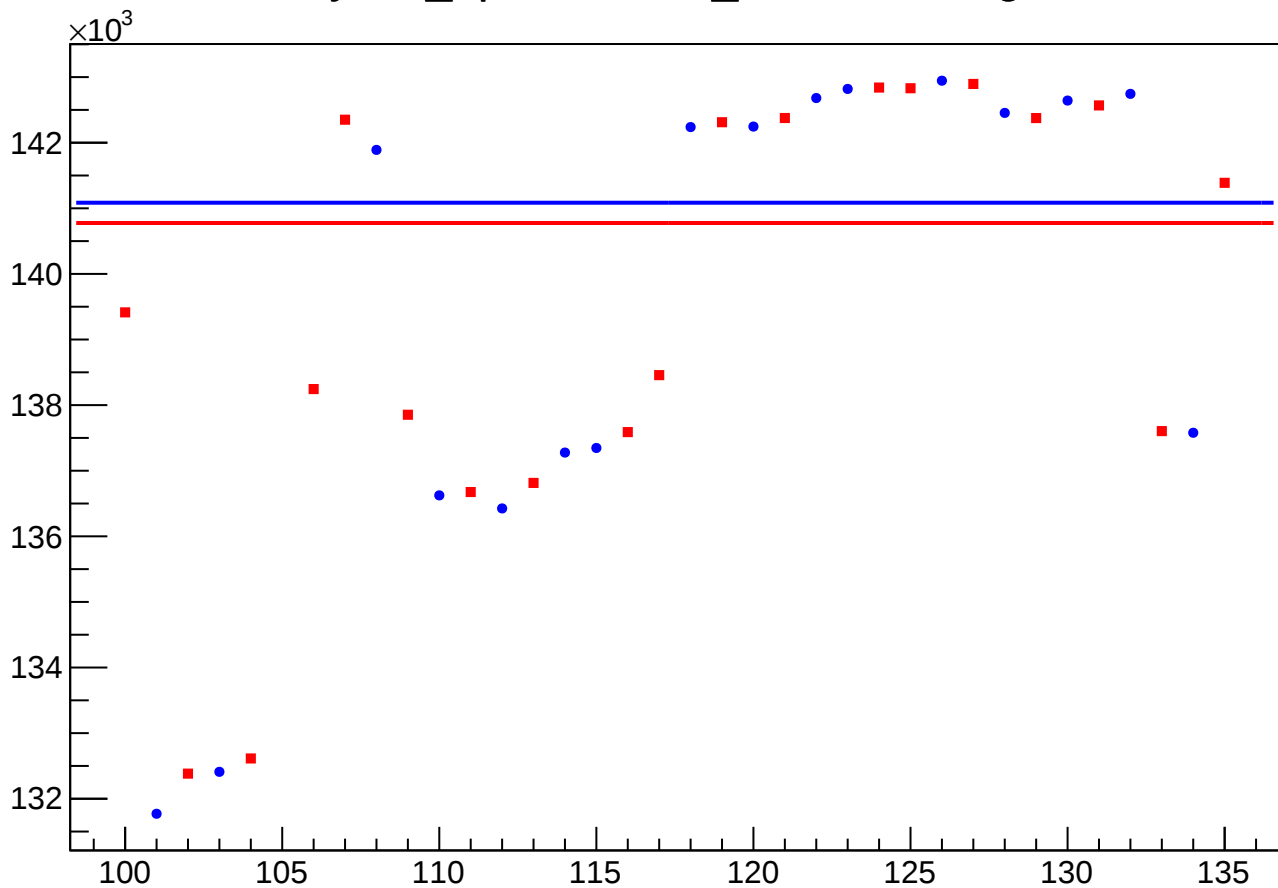
163.891+/-0.051 χ^2/NDF : 1059238.6/15

Right Out: 156.493+/-0.045 χ^2/NDF : 1227214.8/18

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

156.493+/-0.045 χ^2/NDF : 1227214.8/18

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

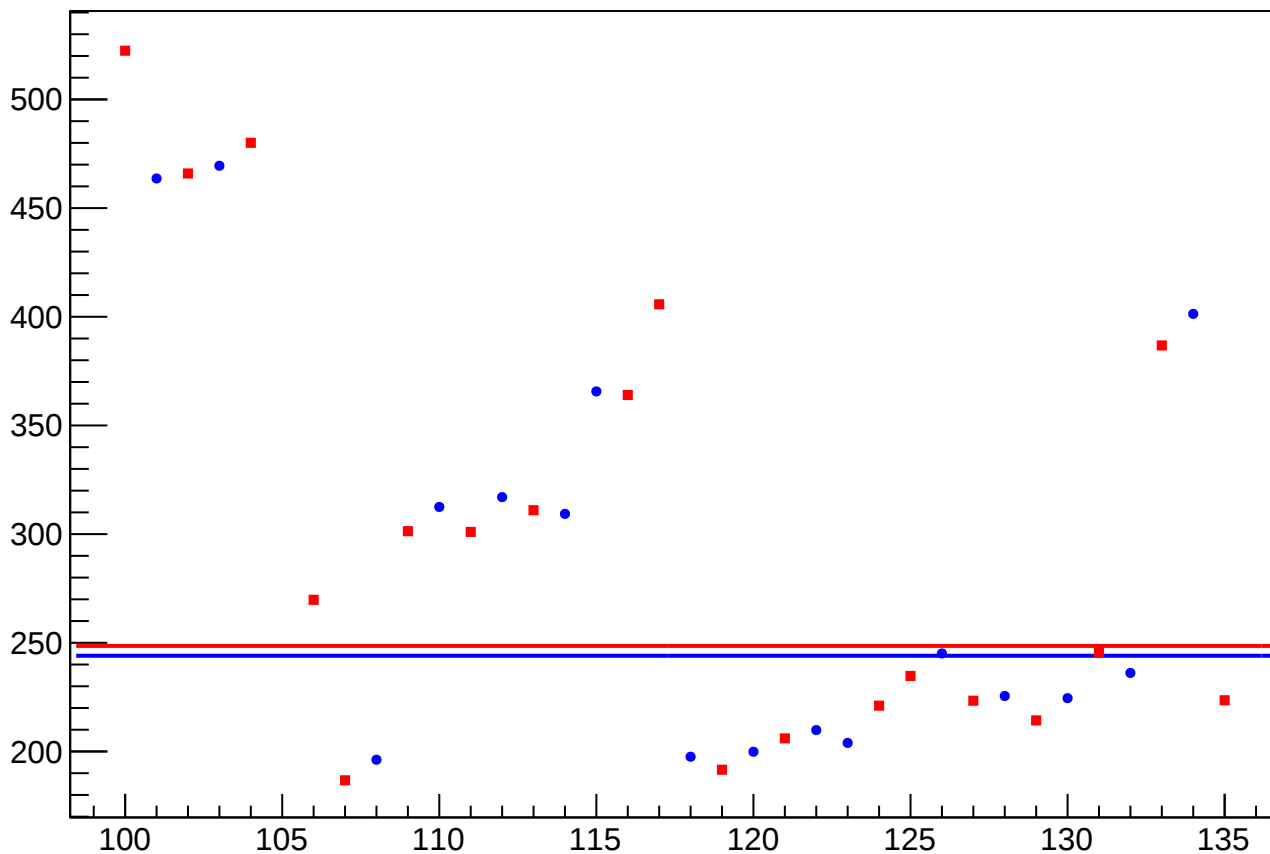
141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

Right Out: 140776.063 $\pm$ 0.100 χ^2 /NDF: 784296155.0/18

140776.063 $\pm$ 0.100 χ^2 /NDF: 784296155.0/18

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

yield_bpm0r03WS_rms vs Slug



Right In: 244.037+/-0.076 χ^2/NDF : 867710.2/15

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

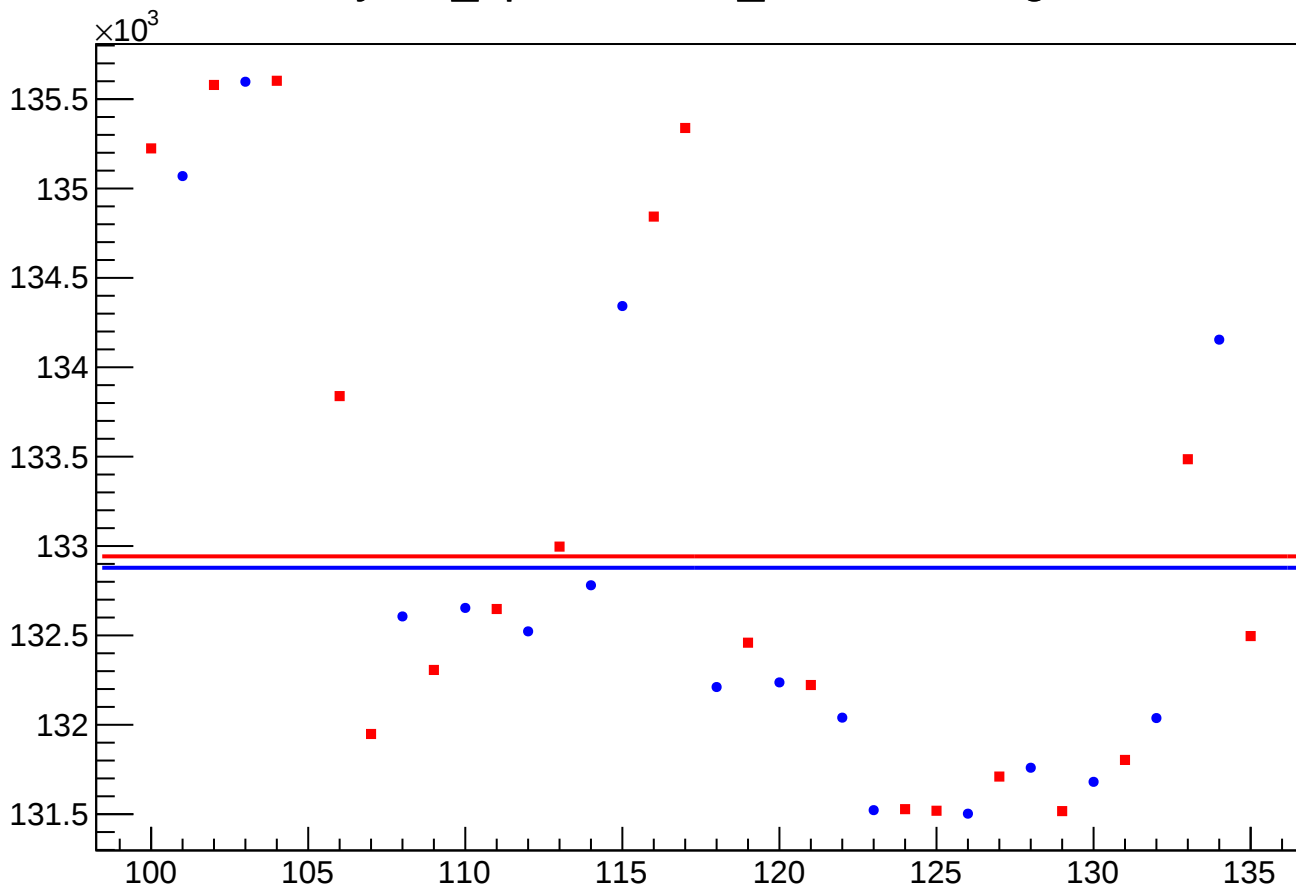
244.037+/-0.076 χ^2/NDF : 867710.2/15

Right Out: 248.570+/-0.071 χ^2/NDF : 1006122.8/18

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

248.570+/-0.071 χ^2/NDF : 1006122.8/18

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

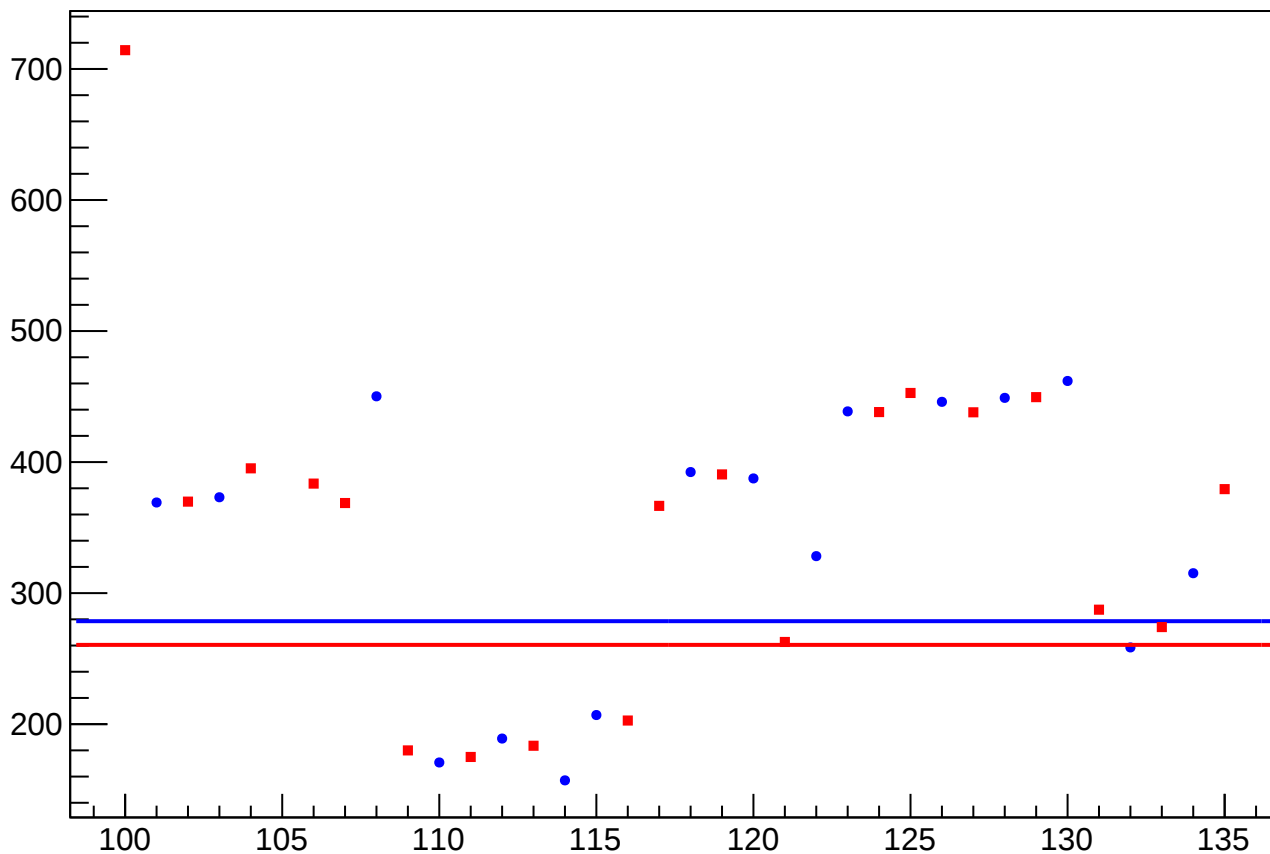
132878.390 $\pm$ 0.125 χ^2 /NDF: 81722350.8/15

Right Out: 132942.162 $\pm$ 0.108 χ^2 /NDF: 107603134.1/18

132942.162 $\pm$ 0.108 χ^2 /NDF: 107603134.1/18

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

yield_bpm0r05WS_rms vs Slug



Right In: 278.589 $\pm$ 0.088 χ^2 /NDF: 1442275.9/15

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

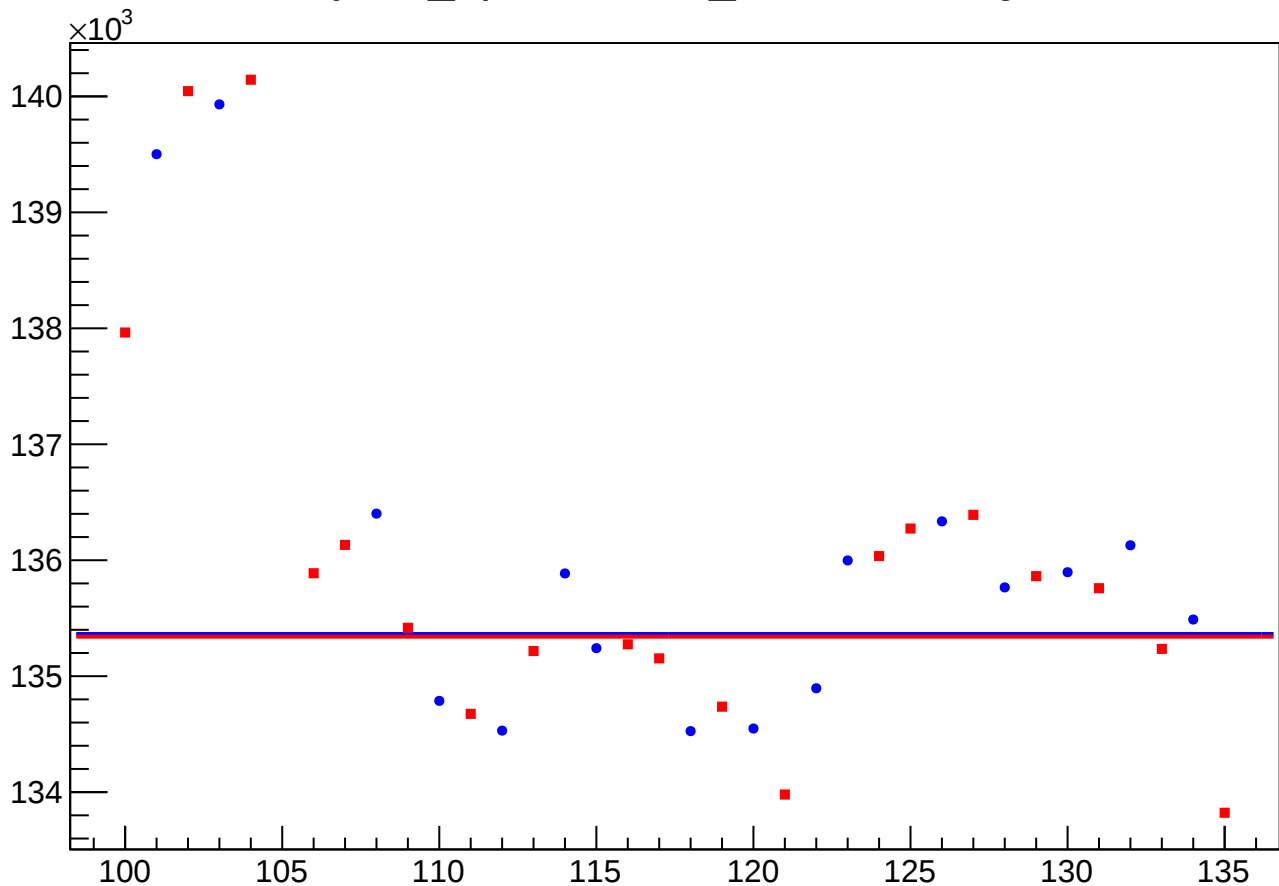
278.589 $\pm$ 0.088 χ^2 /NDF: 1442275.9/15

Right Out: 260.500 $\pm$ 0.076 χ^2 /NDF: 1605959.3/18

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

260.500 $\pm$ 0.076 χ^2 /NDF: 1605959.3/18

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

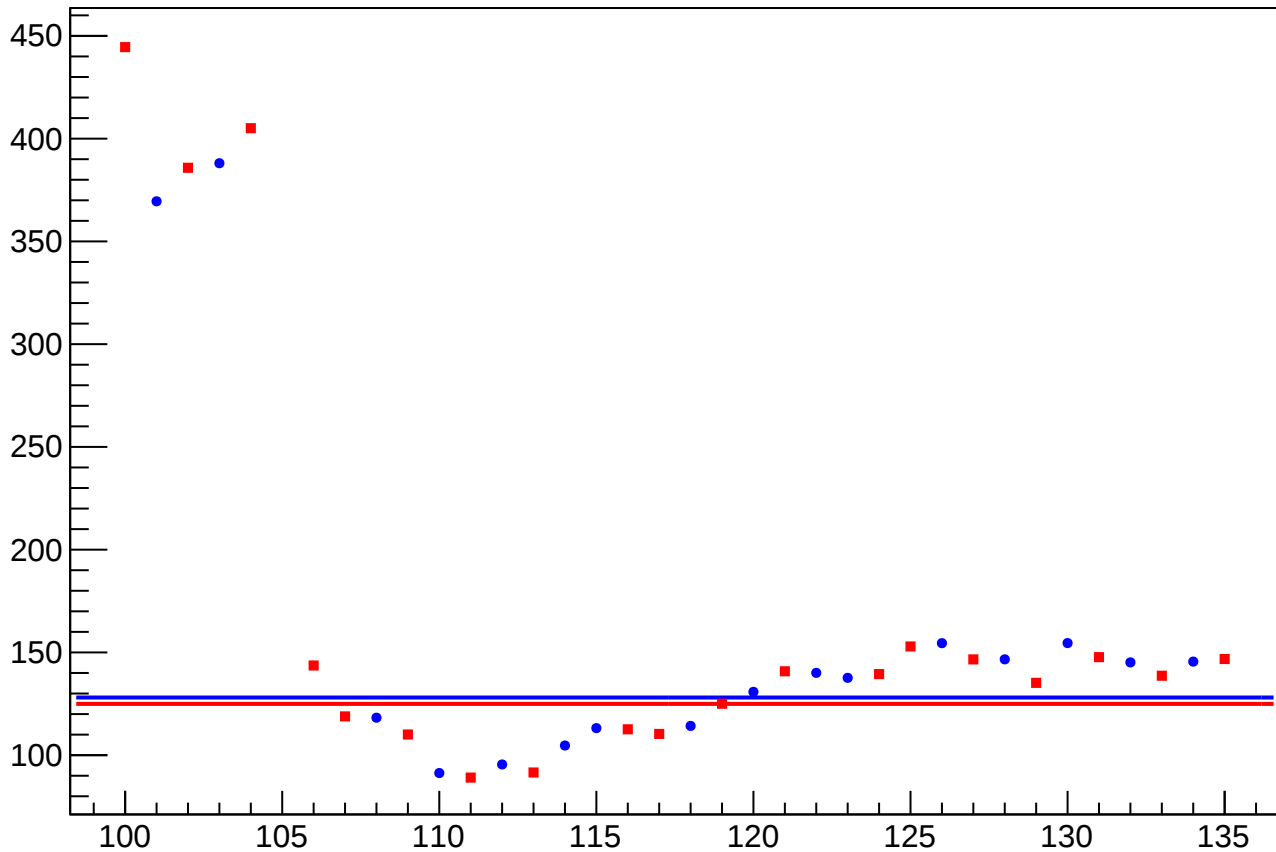
135363.633 $\pm$ 0.057 χ^2 /NDF: 307719904.8/15

Right Out: 135340.791 $\pm$ 0.051 χ^2 /NDF: 330894922.2/18

135340.791 $\pm$ 0.051 χ^2 /NDF: 330894922.2/18

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

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

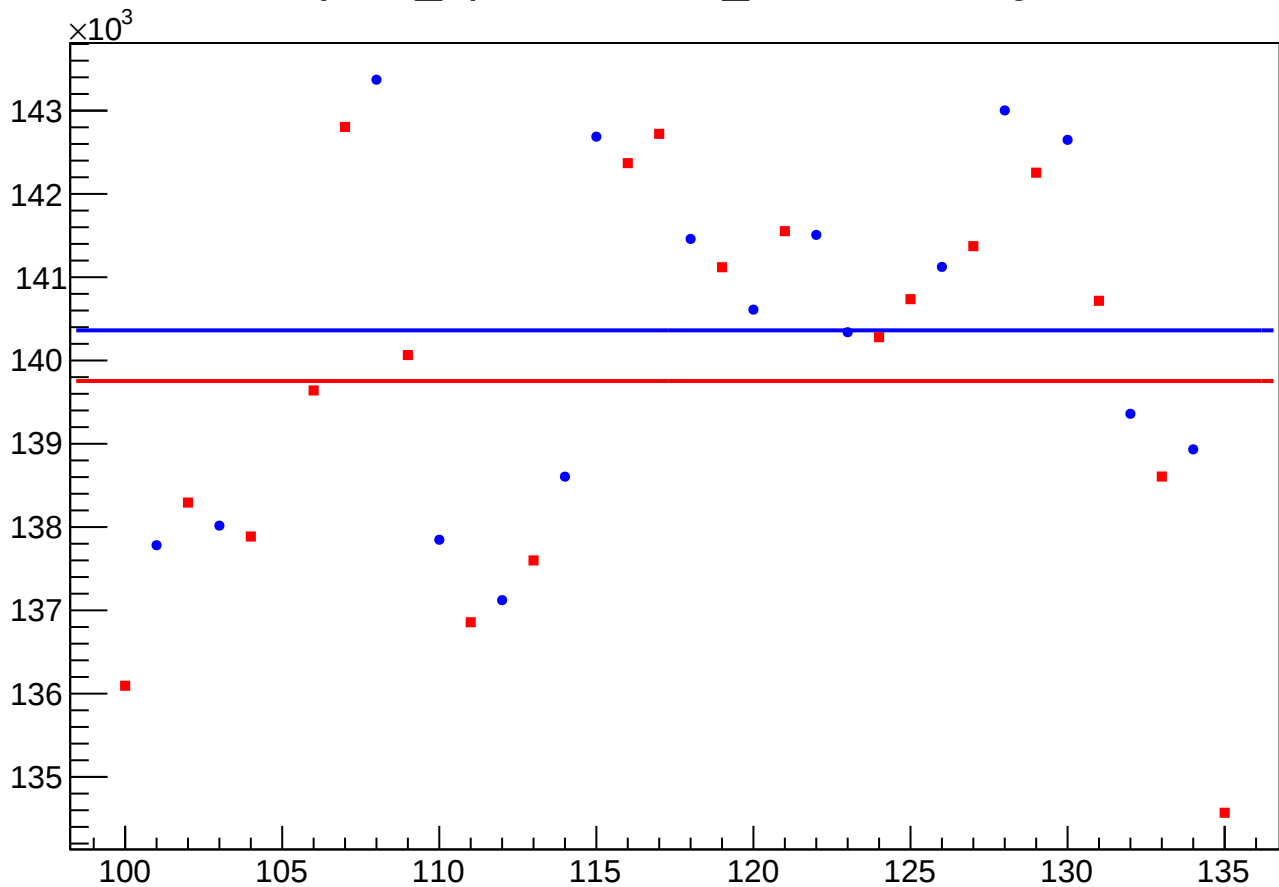
128.063 $\pm$ 0.041 χ^2 /NDF: 1336660.4/15

Right Out: 124.956 $\pm$ 0.036 χ^2 /NDF: 1425288.3/18

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

124.956 $\pm$ 0.036 χ^2 /NDF: 1425288.3/18

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

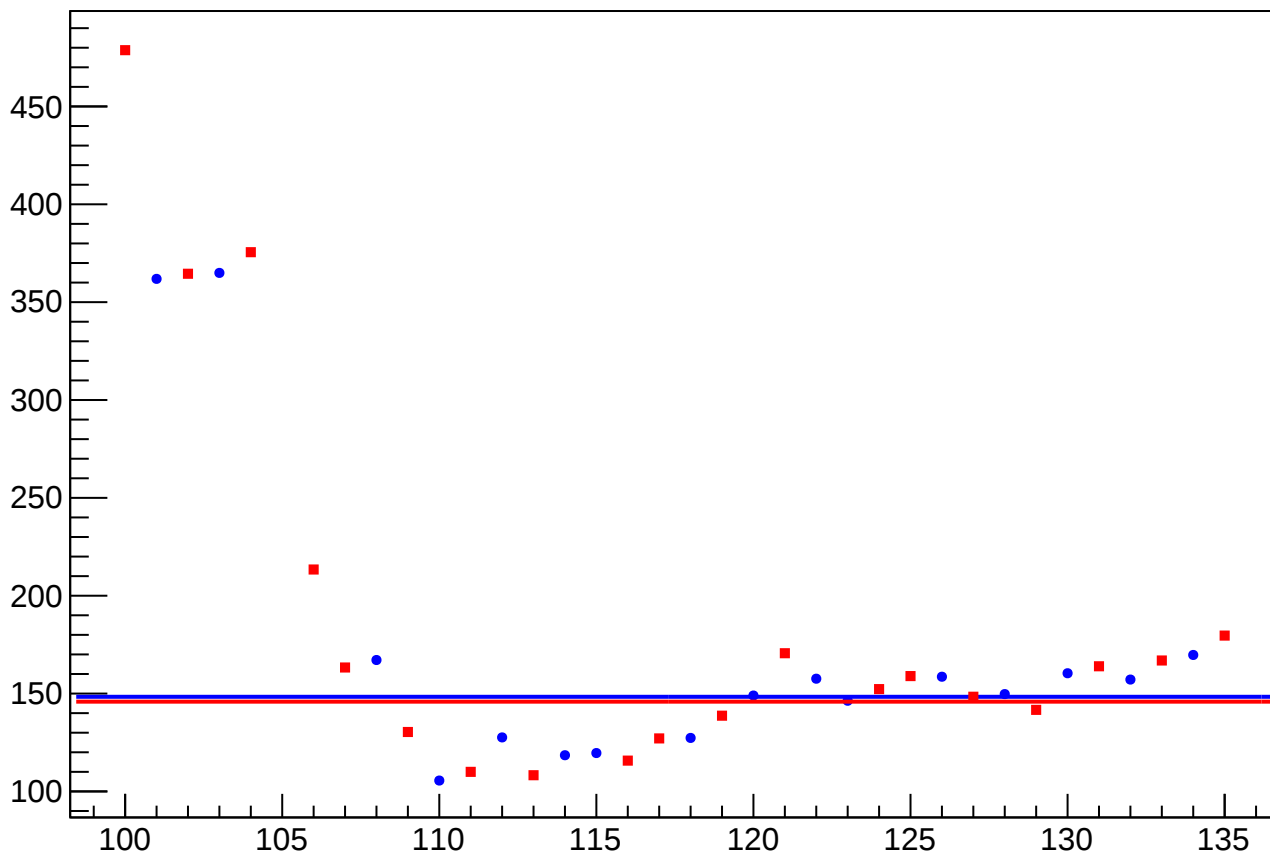
140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

Right Out: 139753.611 $\pm$ 0.059 χ^2 /NDF: 1388874459.7/18

139753.611 $\pm$ 0.059 χ^2 /NDF: 1388874459.7/18

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

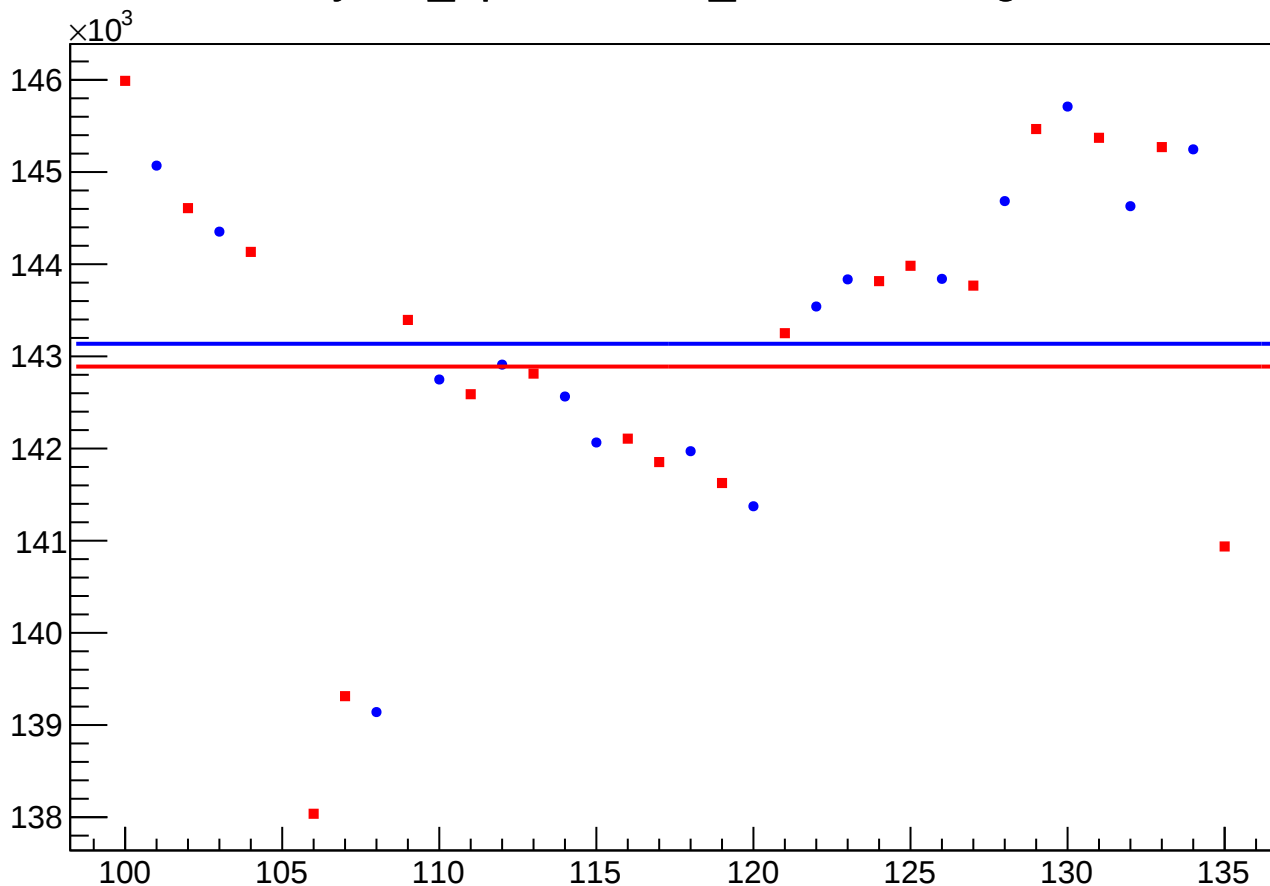
Right Out: 145.872+/-0.042 χ^2/NDF : 1194098.5/18

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

148.355+/-0.046 χ^2/NDF : 1025464.5/15

145.872+/-0.042 χ^2/NDF : 1194098.5/18

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

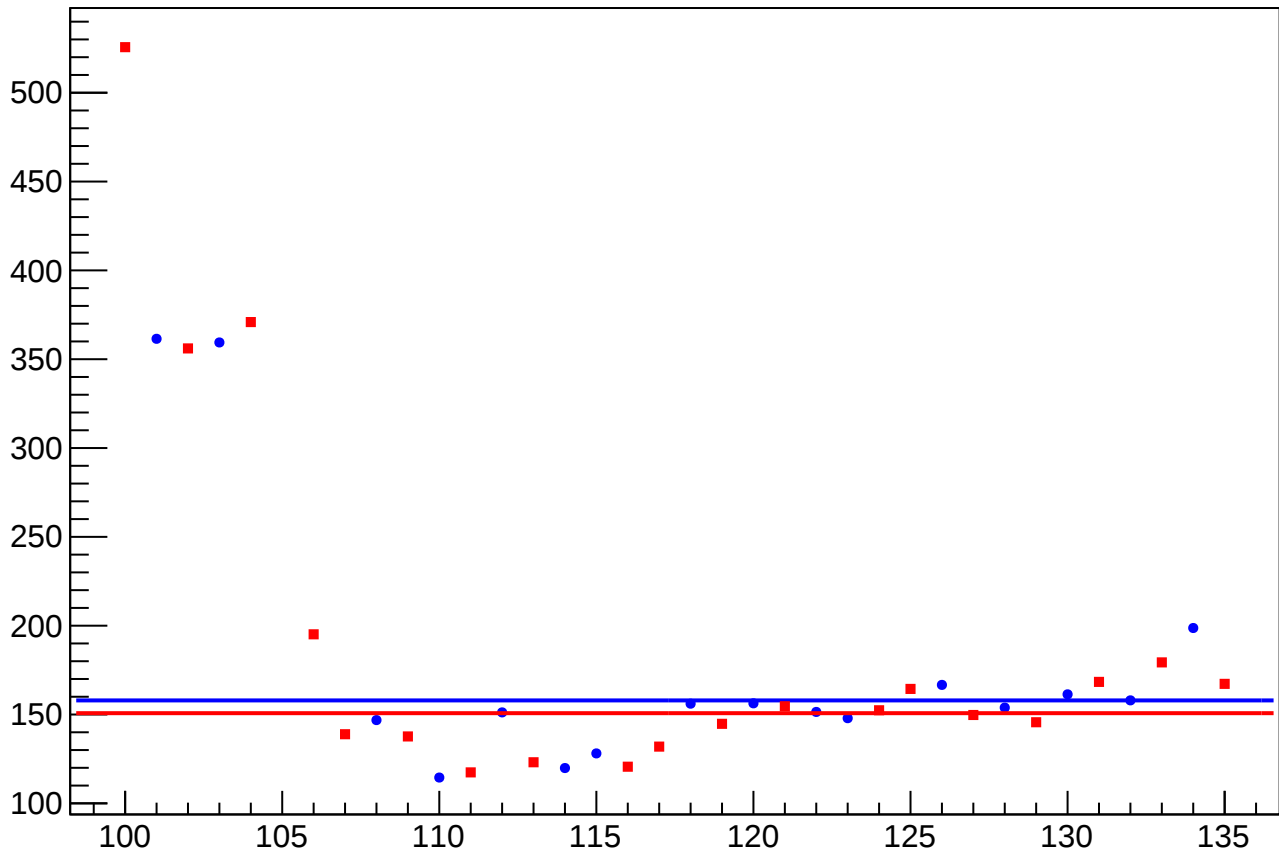
143136.681 $\pm$ 0.069 χ^2 /NDF: 616418025.8/15

Right Out: 142889.359 $\pm$ 0.061 χ^2 /NDF: 828259046.8/18

142889.359 $\pm$ 0.061 χ^2 /NDF: 828259046.8/18

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

yield_bpm0i05WS_rms vs Slug



Right In: 157.939 $\pm$ 0.049 χ^2 /NDF: 883245.2/15

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

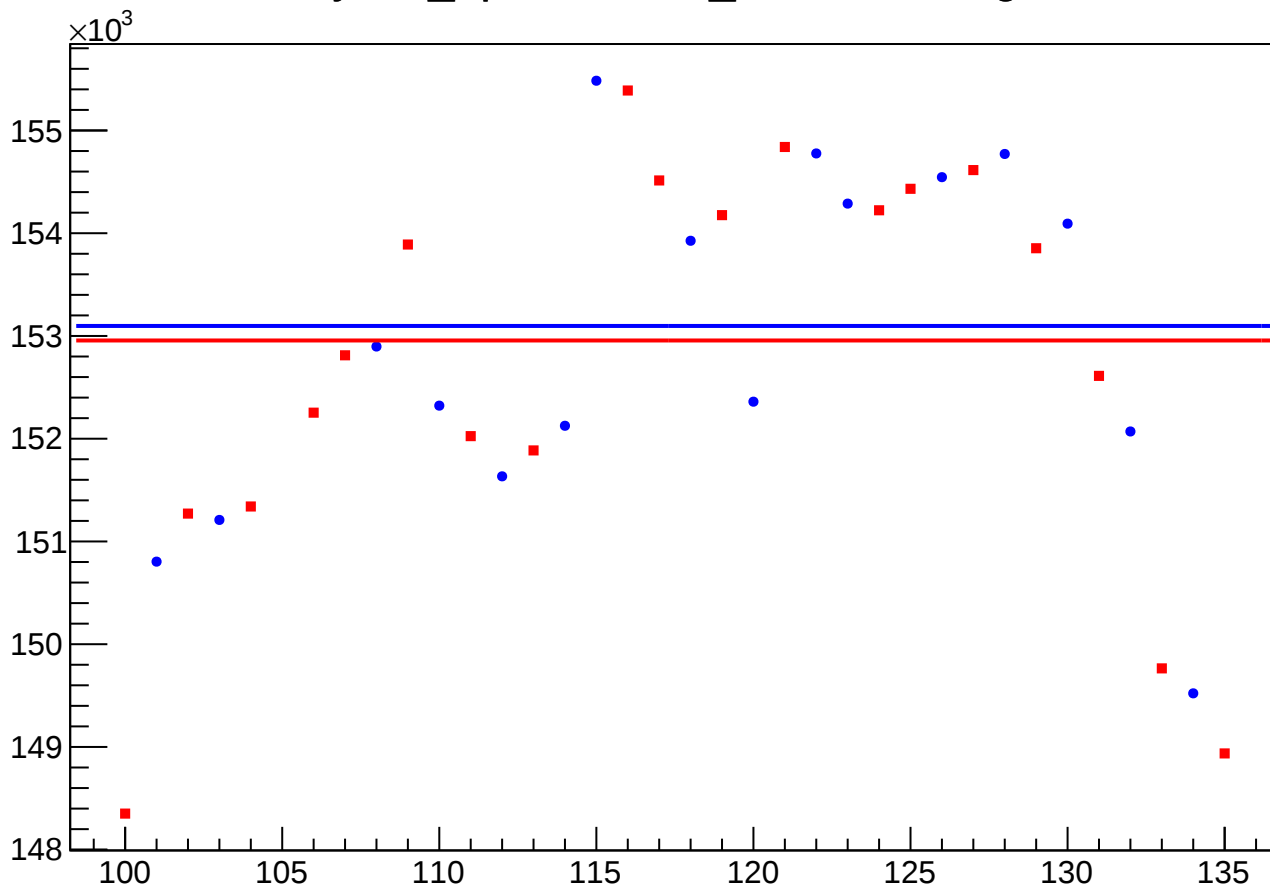
157.939 $\pm$ 0.049 χ^2 /NDF: 883245.2/15

Right Out: 150.755 $\pm$ 0.043 χ^2 /NDF: 1003850.7/18

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

150.755 $\pm$ 0.043 χ^2 /NDF: 1003850.7/18

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

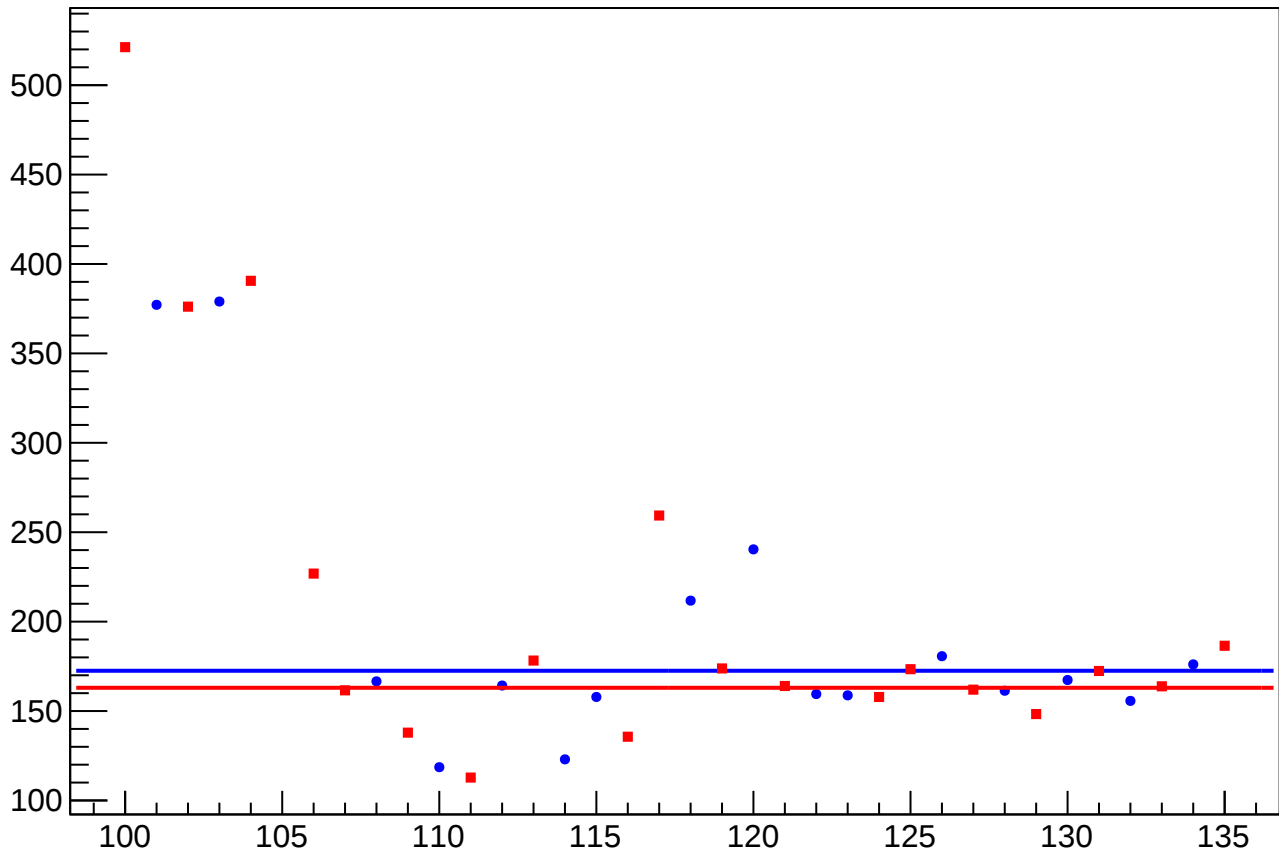
Right Out: 152956.097 $\pm$ 0.067 χ^2/NDF : 659601542.6/18

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

153097.500 $\pm$ 0.078 χ^2/NDF : 340515335.1/15

152956.097 $\pm$ 0.067 χ^2/NDF : 659601542.6/18

yield_bpm0i07WS_rms vs Slug



Right In: 172.525 $\pm$ 0.055 χ^2/NDF : 941580.3/15

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

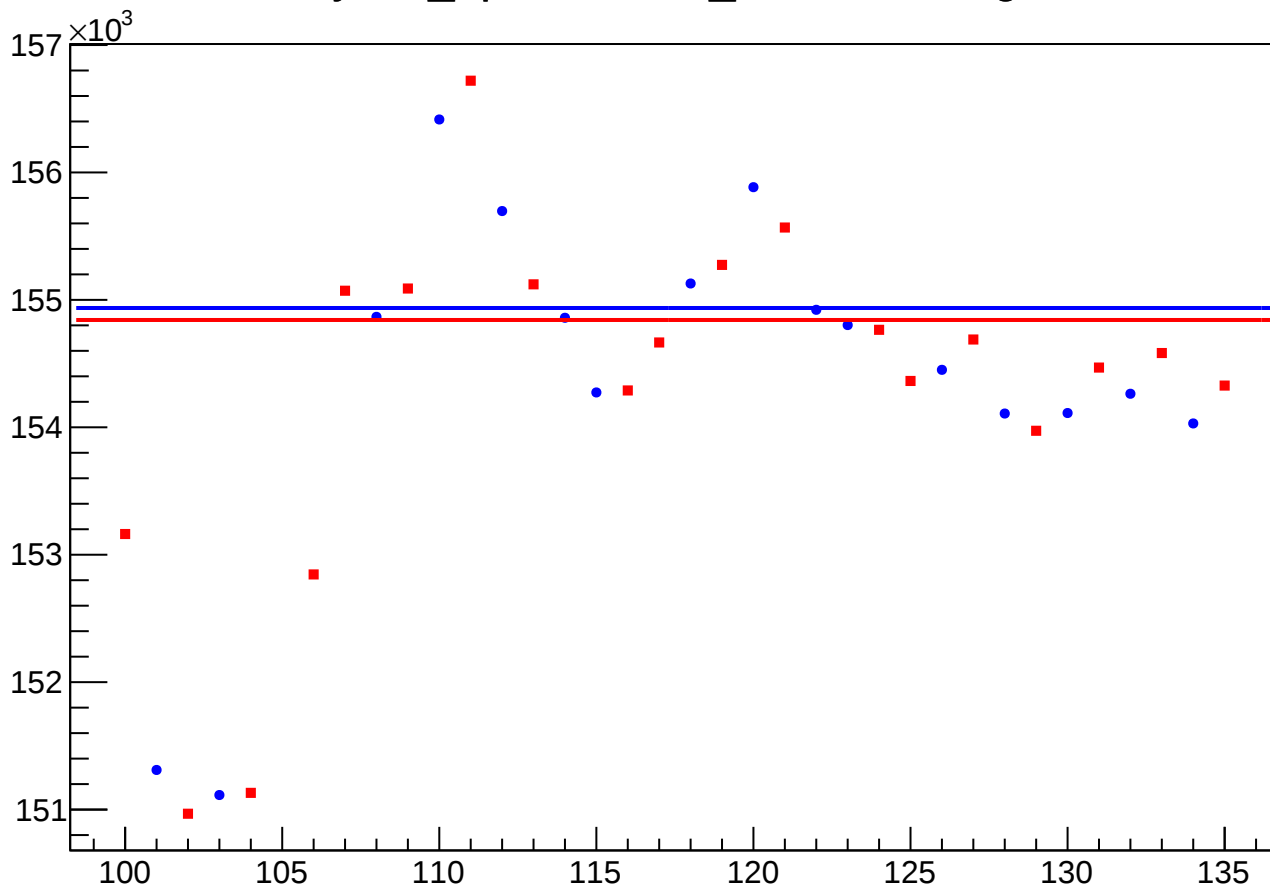
172.525 $\pm$ 0.055 χ^2/NDF : 941580.3/15

Right Out: 163.009 $\pm$ 0.047 χ^2/NDF : 1042054.6/18

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

163.009 $\pm$ 0.047 χ^2/NDF : 1042054.6/18

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

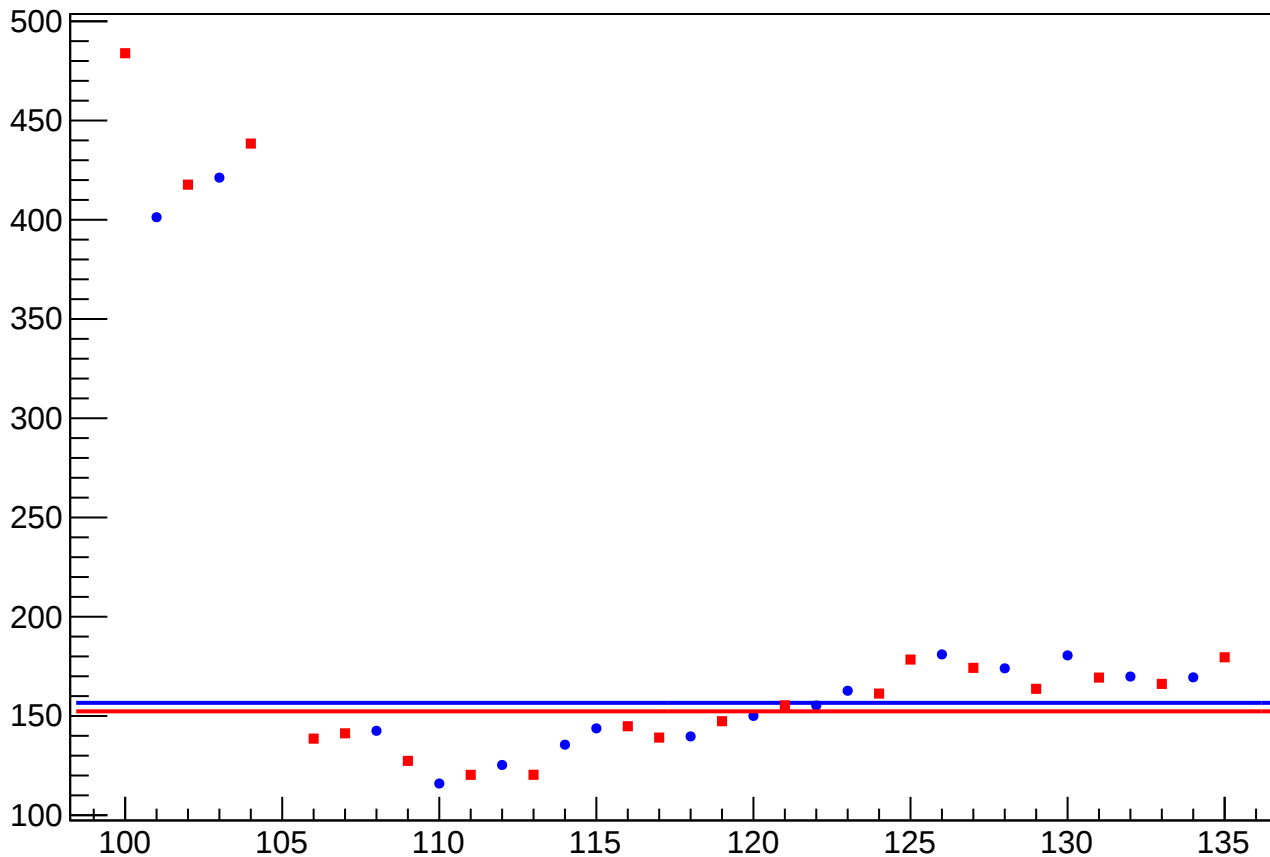
Right Out: 154842.185 $\pm$ 0.061 χ^2 /NDF: 287647721.3/18

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

154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

154842.185 $\pm$ 0.061 χ^2 /NDF: 287647721.3/18

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

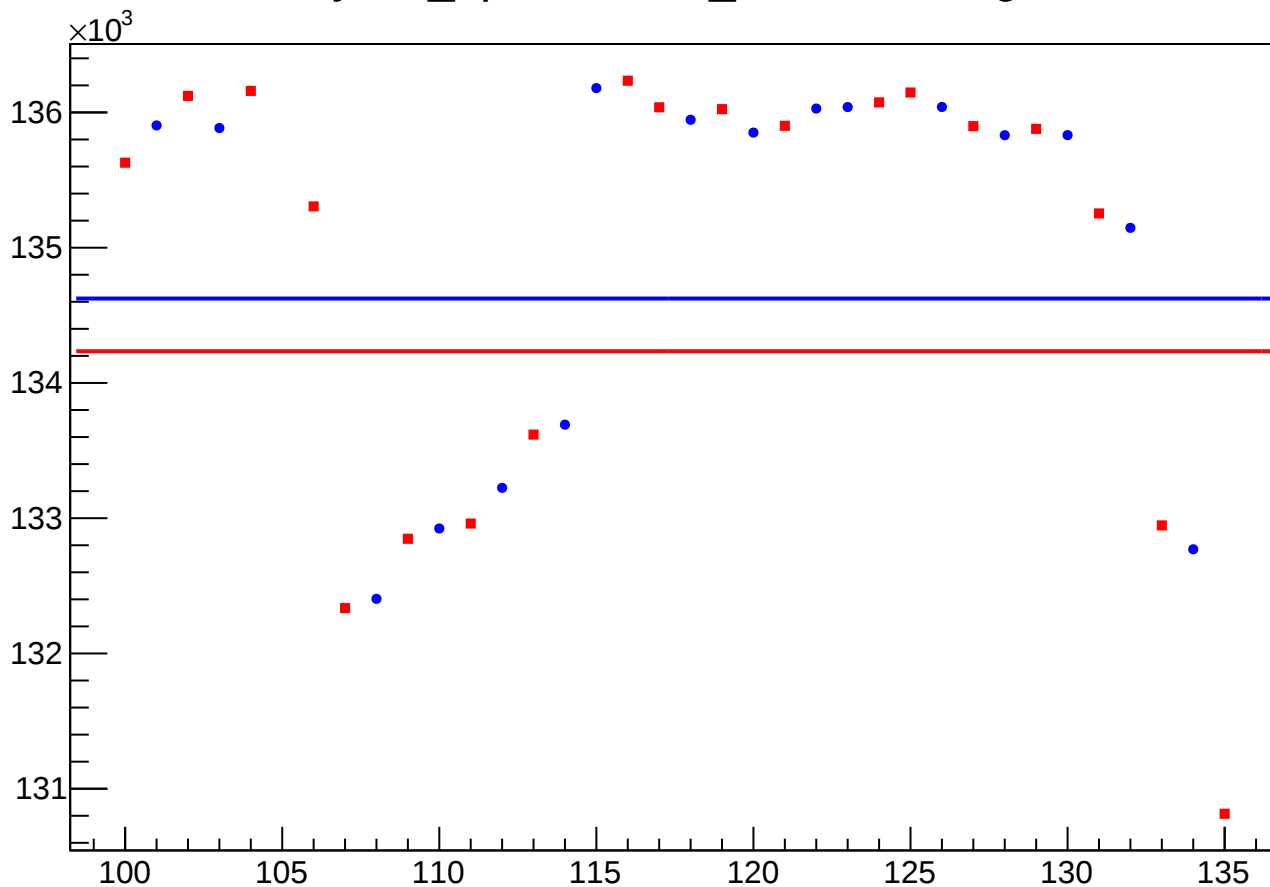
156.618 $\pm$ 0.049 χ^2 /NDF: 1097778.3/15

Right Out: 152.329 $\pm$ 0.043 χ^2 /NDF: 1160844.1/18

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

152.329 $\pm$ 0.043 χ^2 /NDF: 1160844.1/18

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

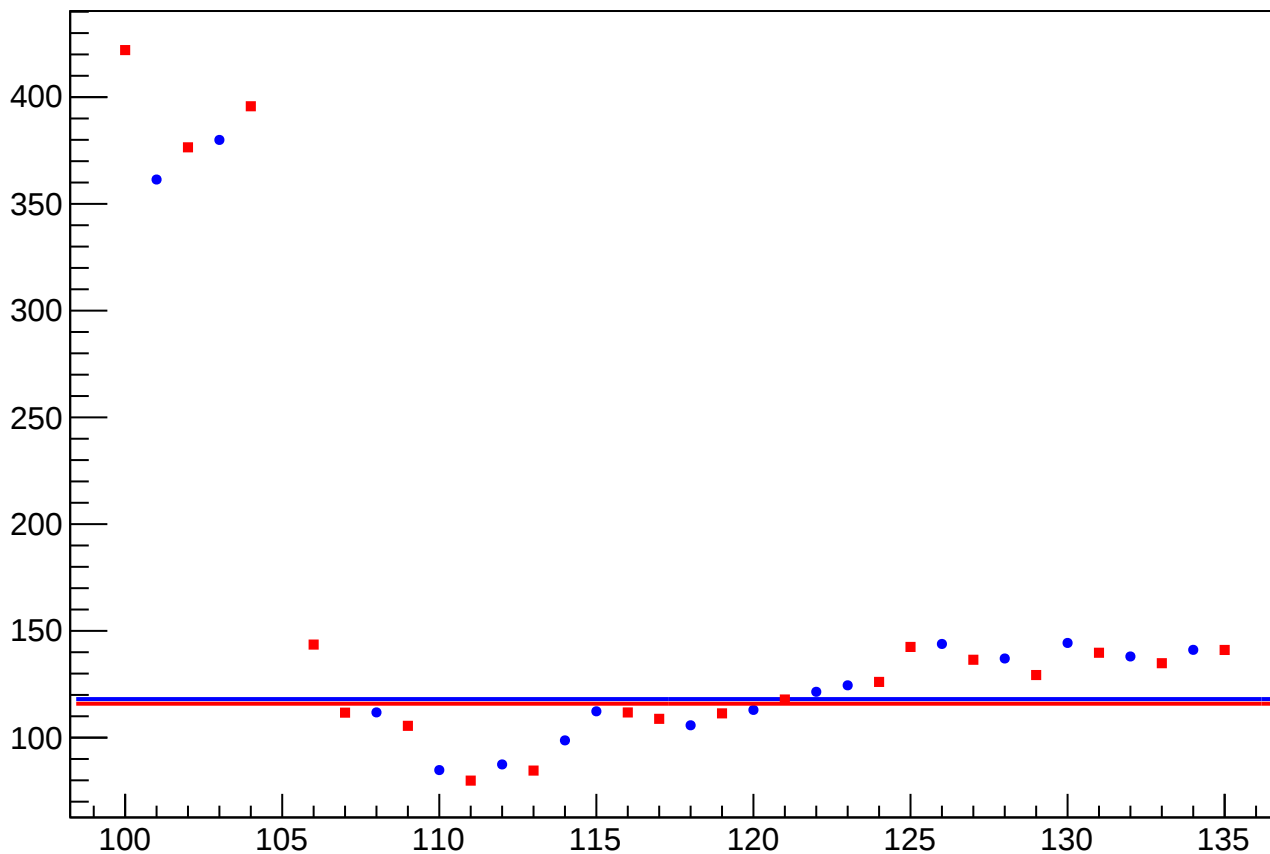
Right Out: 134234.484 $\pm$ 0.048 χ^2 /NDF: 1155920043.6/18

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

134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

134234.484 $\pm$ 0.048 χ^2 /NDF: 1155920043.6/18

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

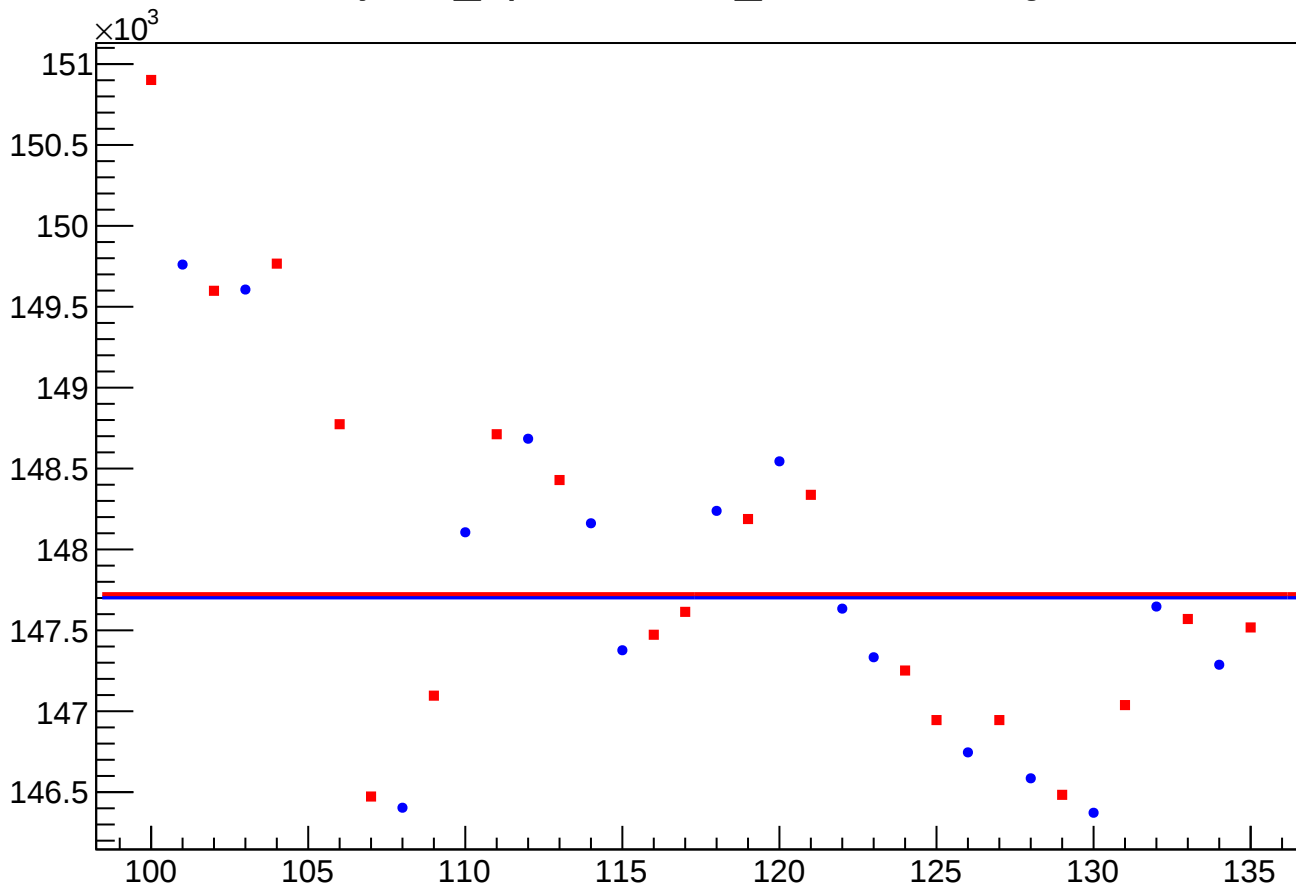
Right Out: 115.889+/-0.034 χ^2/NDF : 1522177.5/18

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

118.057+/-0.037 χ^2/NDF : 1404374.0/15

115.889+/-0.034 χ^2/NDF : 1522177.5/18

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

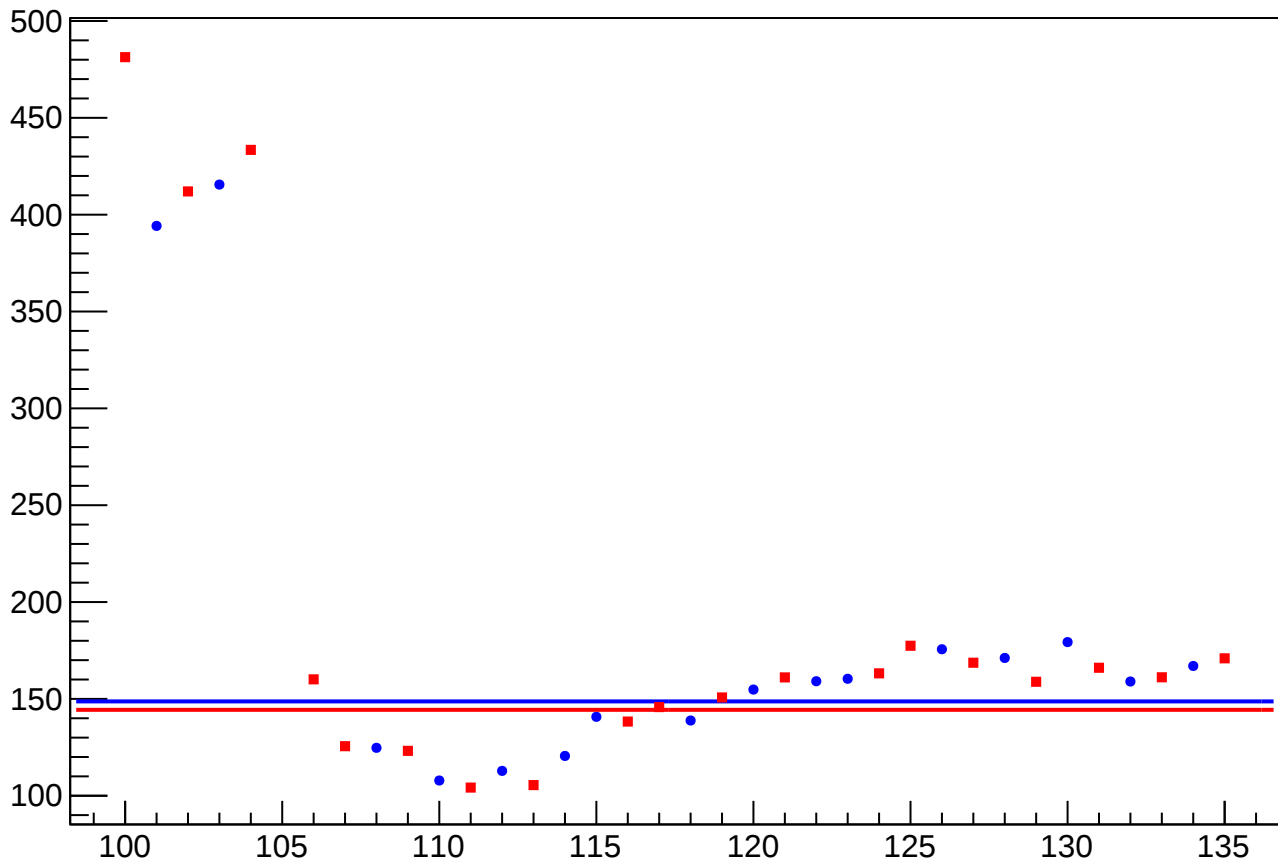
147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

Right Out: 147723.853 $\pm$ 0.059 χ^2 /NDF: 200725579.3/18

147723.853 $\pm$ 0.059 χ^2 /NDF: 200725579.3/18

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

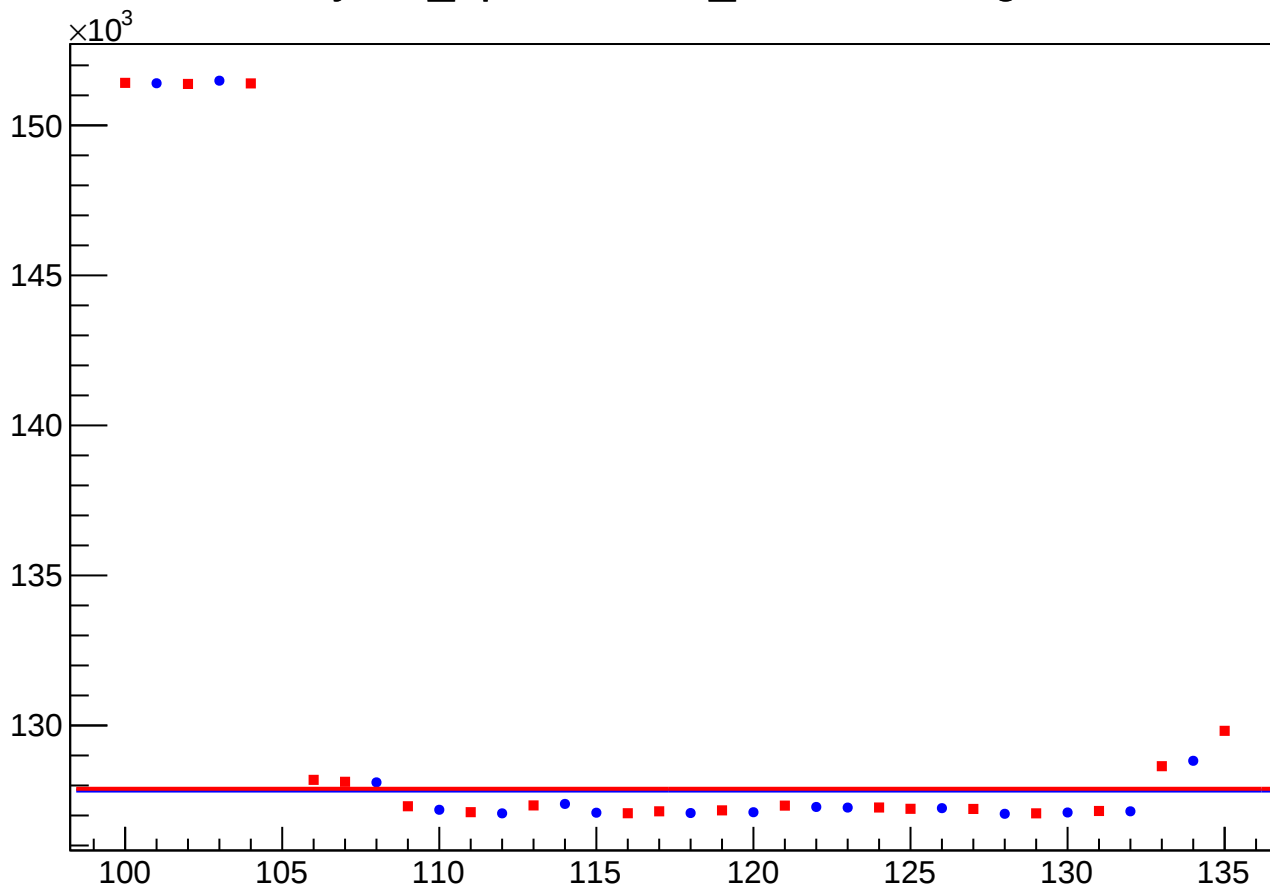
148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

Right Out: 144.352 $\pm$ 0.042 χ^2 /NDF: 1361892.1/18

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

144.352 $\pm$ 0.042 χ^2 /NDF: 1361892.1/18

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

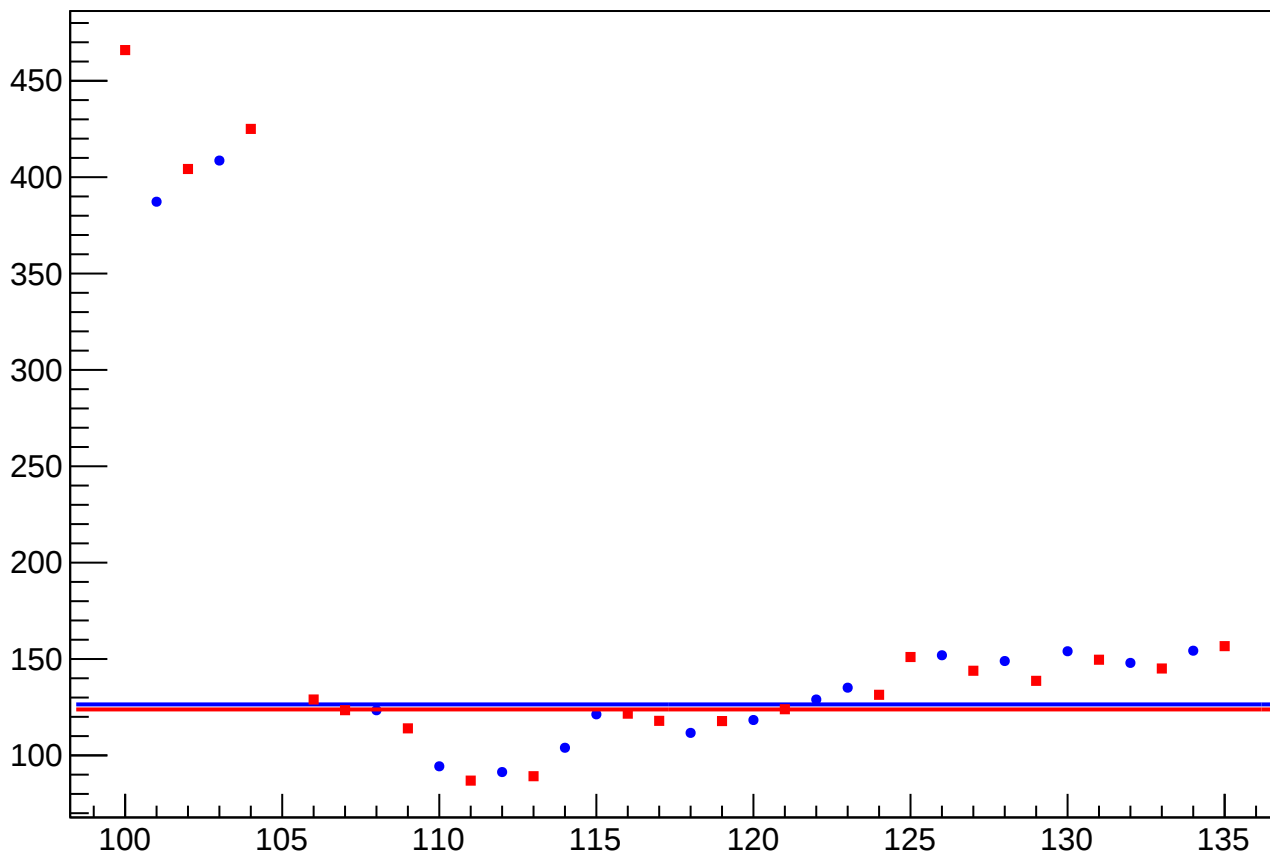
Right Out: 127890.230 $\pm$ 0.051 χ^2 /NDF: 3743967629.7/18

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

127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

127890.230 $\pm$ 0.051 χ^2 /NDF: 3743967629.7/18

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

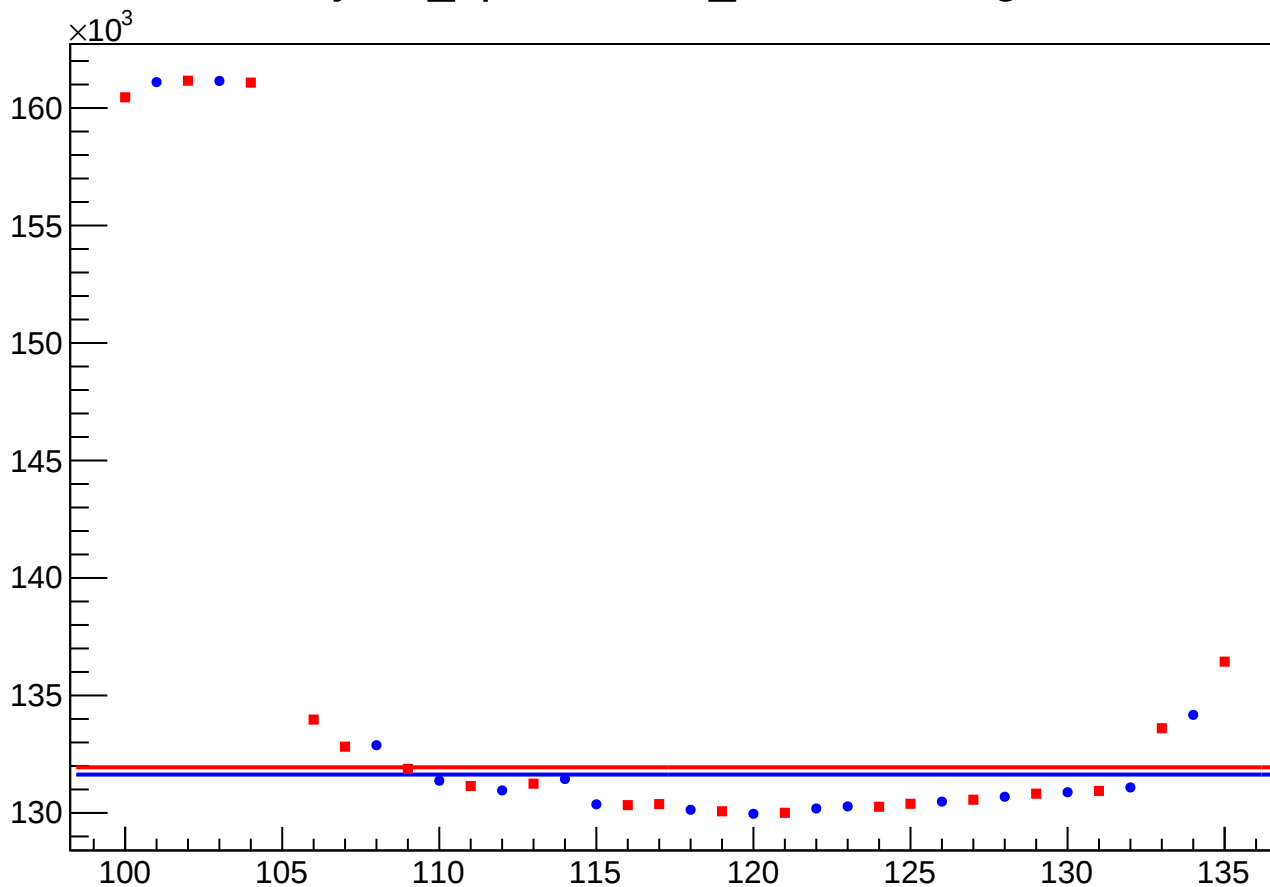
126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

Right Out: 123.835 $\pm$ 0.036 χ^2 /NDF: 1507105.6/18

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

123.835 $\pm$ 0.036 χ^2 /NDF: 1507105.6/18

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

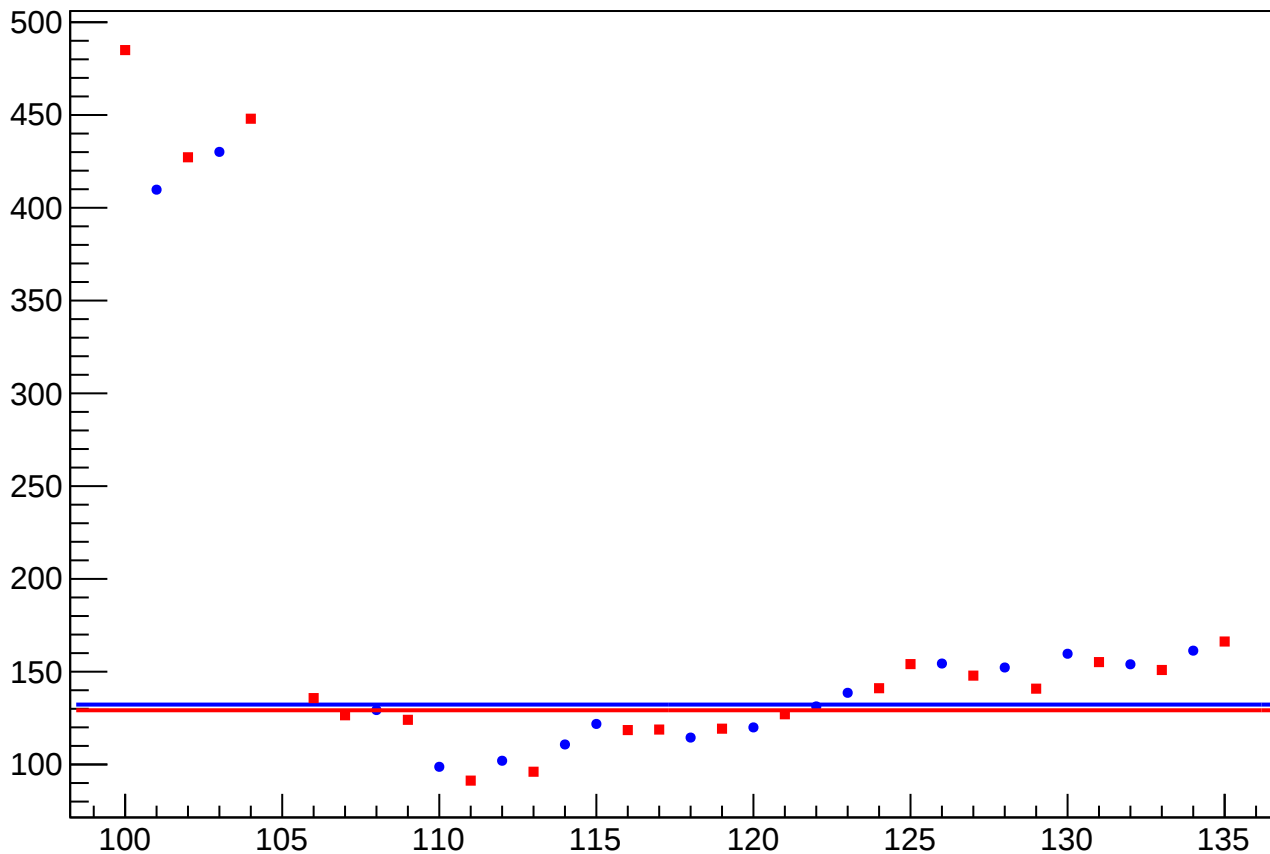
131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

Right Out: 131942.544 $\pm$ 0.053 χ^2 /NDF: 5750769810.7/18

131942.544 $\pm$ 0.053 χ^2 /NDF: 5750769810.7/18

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

yield_bpm2i02WS_rms vs Slug



Right In: 132.276 $\pm$ 0.042 χ^2 /NDF: 1361857.5/15

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

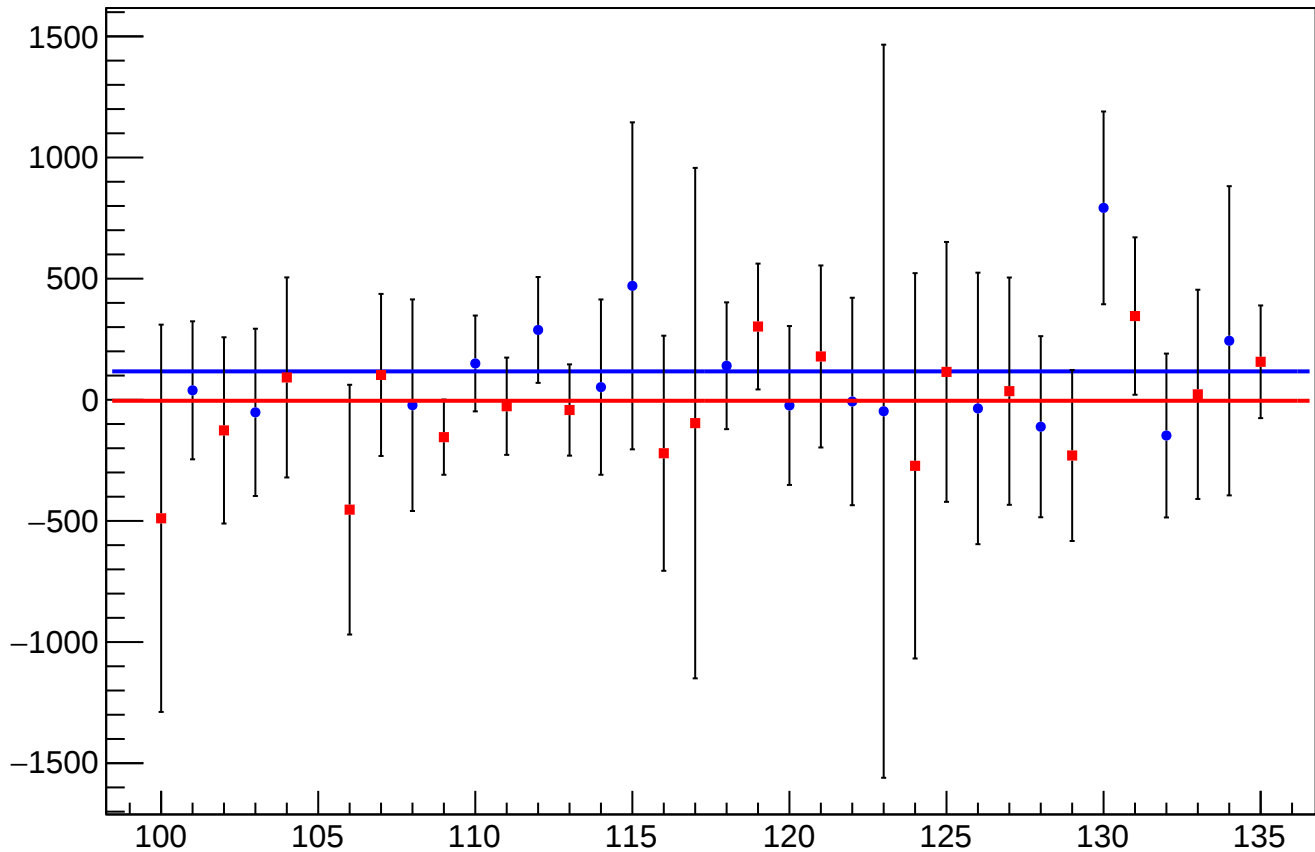
132.276 $\pm$ 0.042 χ^2 /NDF: 1361857.5/15

Right Out: 129.206 $\pm$ 0.037 χ^2 /NDF: 1479619.7/18

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

129.206 $\pm$ 0.037 χ^2 /NDF: 1479619.7/18

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

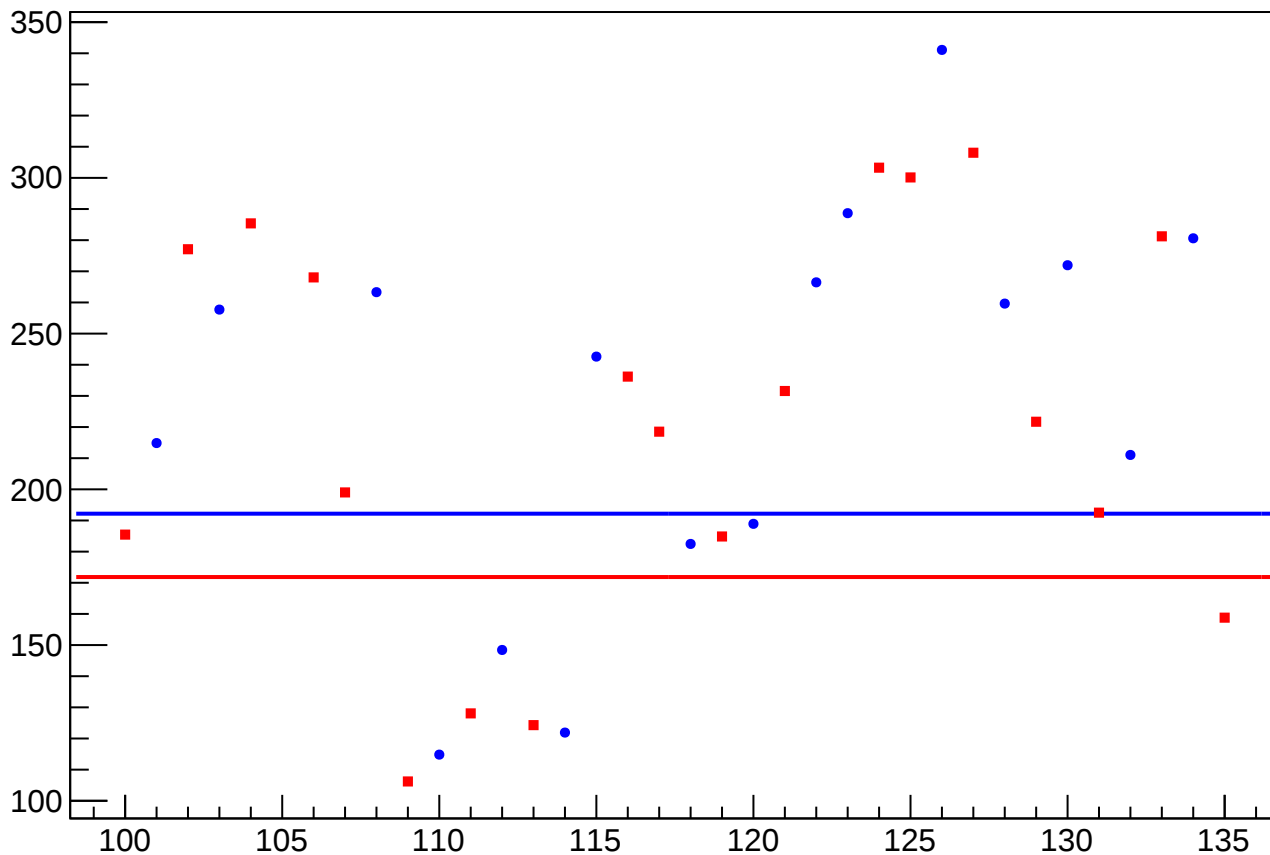
Right Out: -4.053 $\pm$ 70.811 χ^2 /NDF: 6.4/18

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

117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

-4.053 $\pm$ 70.811 χ^2 /NDF: 6.4/18

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

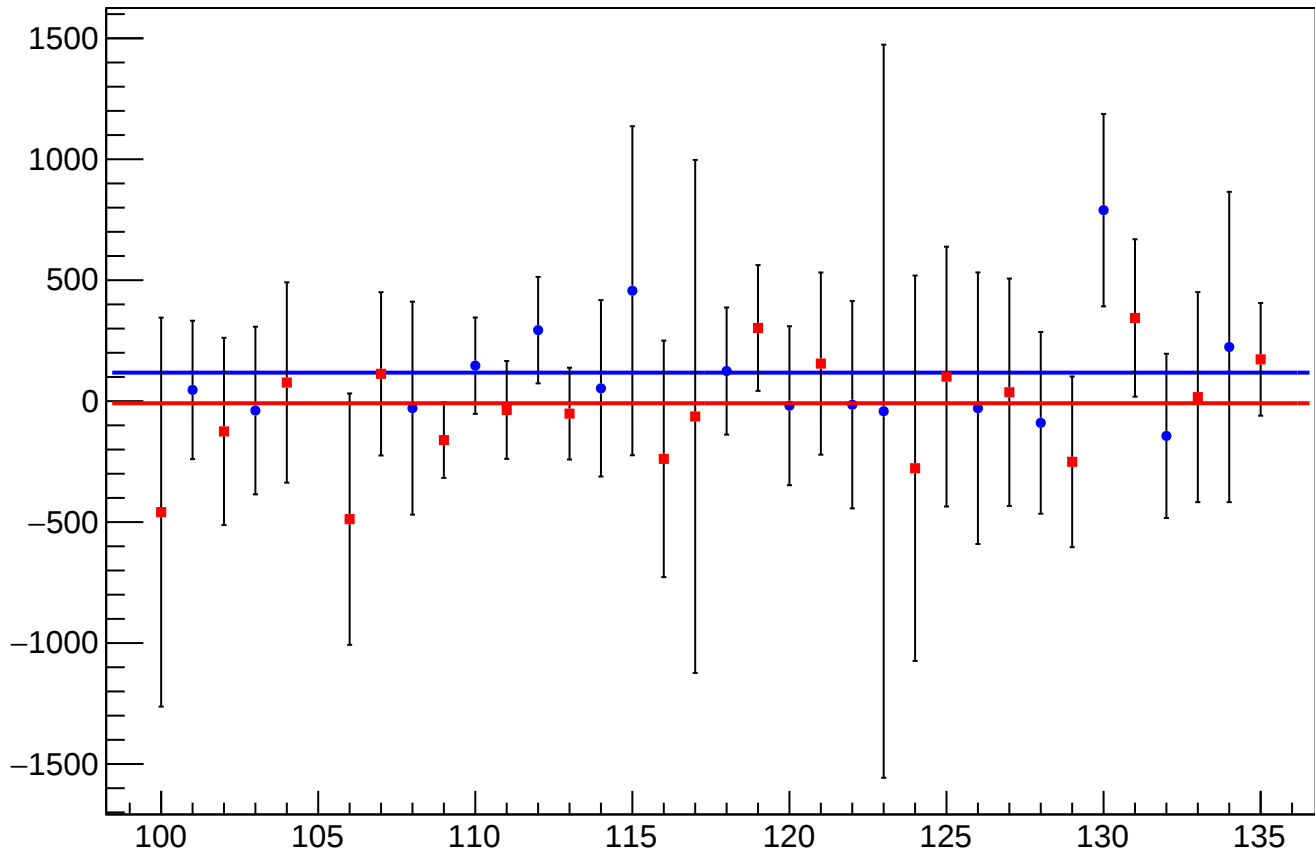
Right Out: 171.841 $\pm$ 0.050 χ^2 /NDF: 1579967.4/18

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

192.182 $\pm$ 0.060 χ^2 /NDF: 1013403.3/15

171.841 $\pm$ 0.050 χ^2 /NDF: 1579967.4/18

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

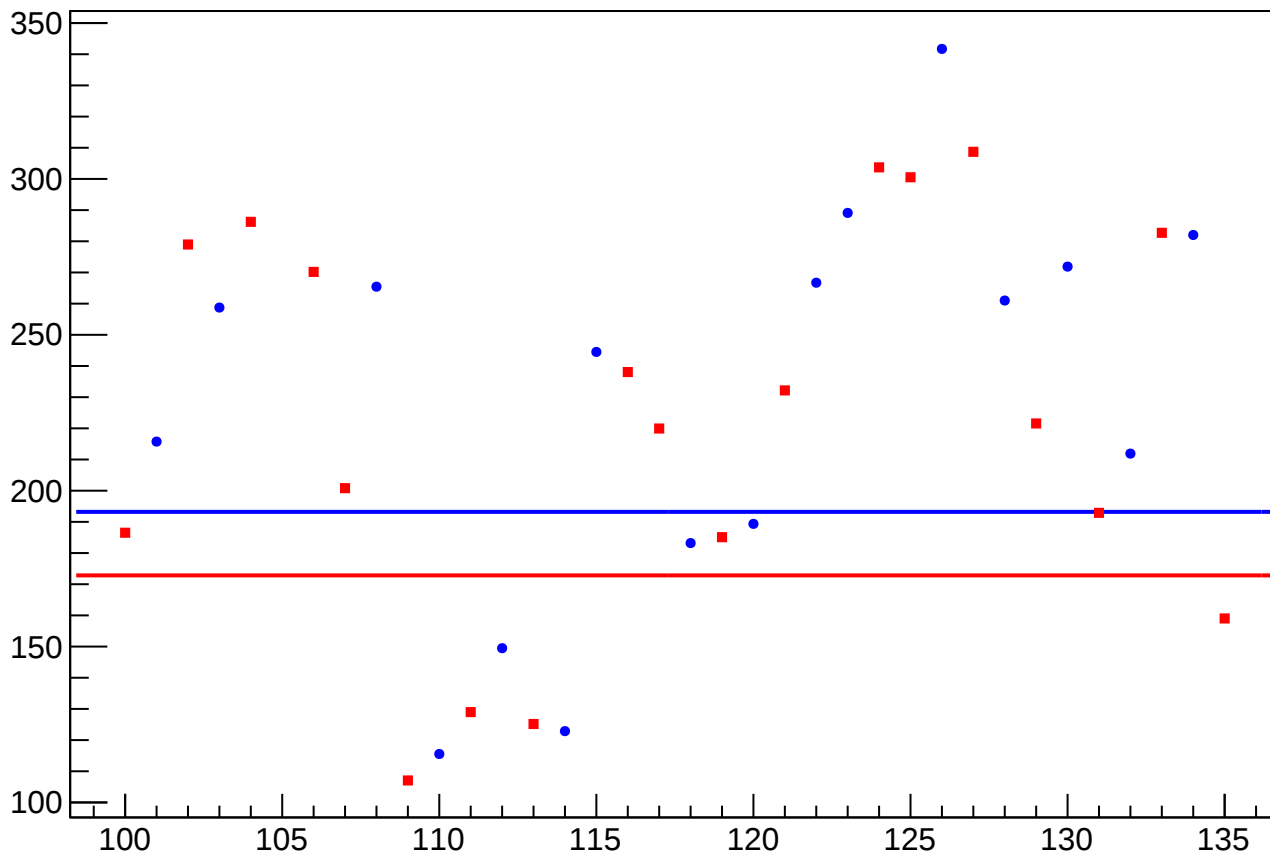
Right Out: -8.577 $\pm$ 71.185 χ^2 /NDF: 6.7/18

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

117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

-8.577 $\pm$ 71.185 χ^2 /NDF: 6.7/18

asym_bcm_an_ds3_rms vs Slug



Right In: 193.210 $\pm$ 0.060 χ^2 /NDF: 1004877.6/15

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

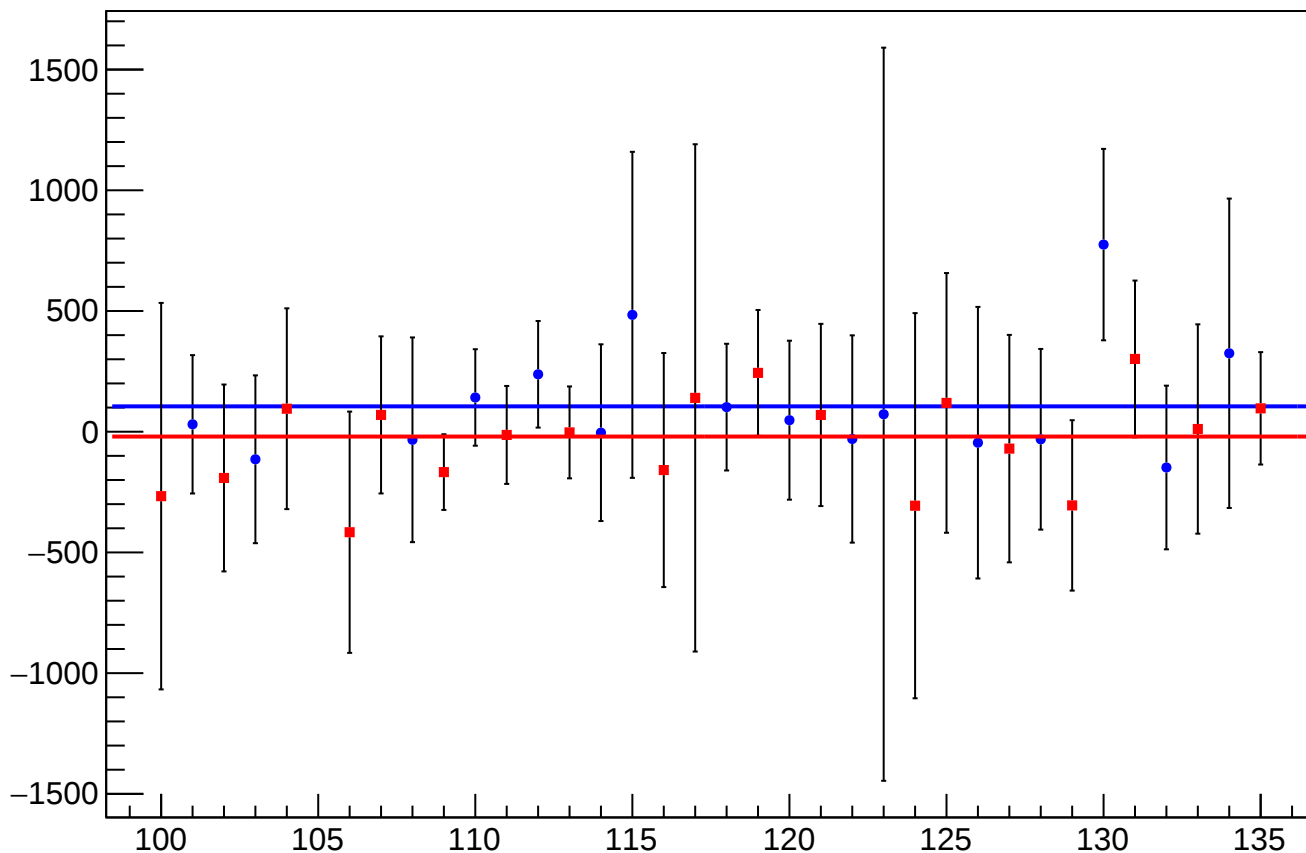
Right Out: 172.834 $\pm$ 0.050 χ^2 /NDF: 1567610.8/18

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

193.210 $\pm$ 0.060 χ^2 /NDF: 1004877.6/15

172.834 $\pm$ 0.050 χ^2 /NDF: 1567610.8/18

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

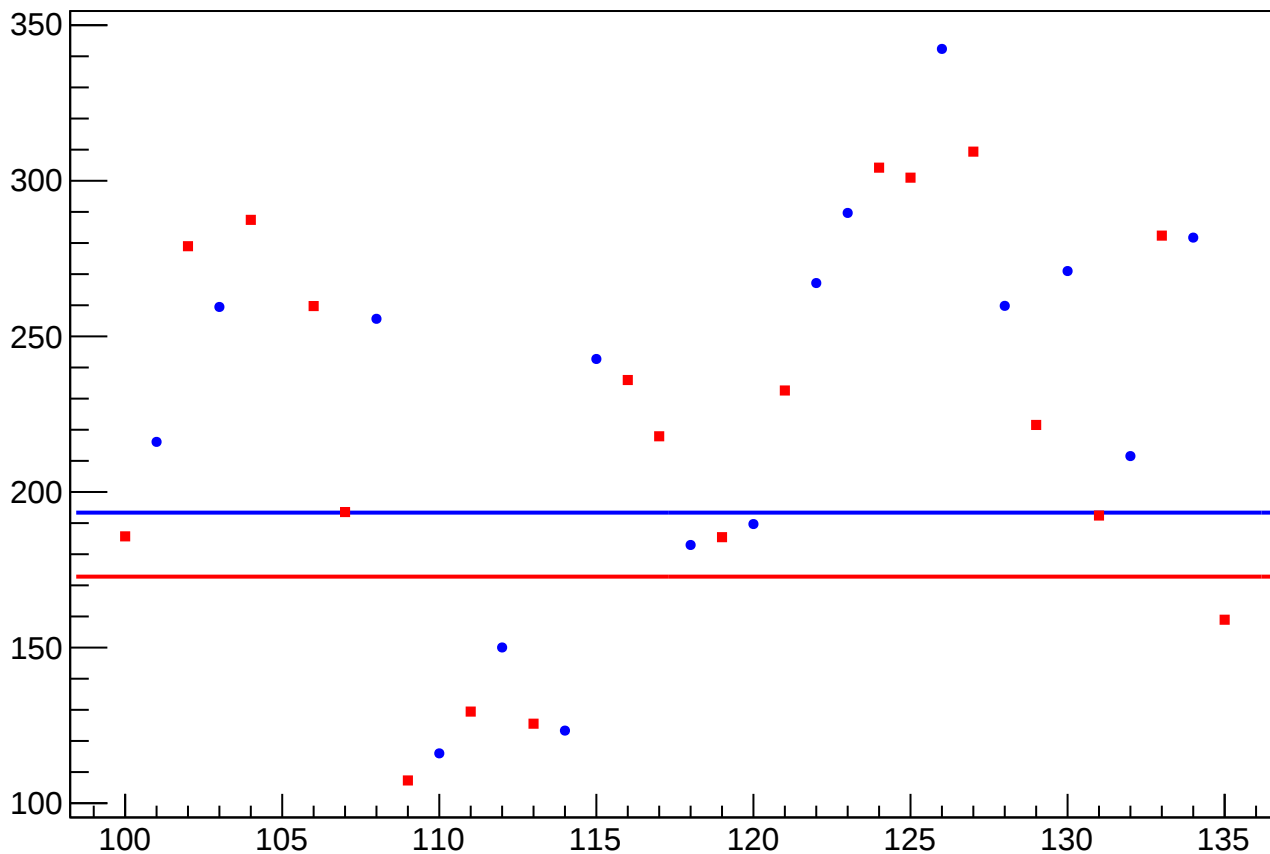
Right Out: -20.024 $\pm$ 71.101 χ^2 /NDF: 5.2/18

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

105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

-20.024 $\pm$ 71.101 χ^2 /NDF: 5.2/18

asym_bcm_an_us_rms vs Slug



Right In: 193.368 $\pm$ 0.060 χ^2 /NDF: 983166.5/15

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

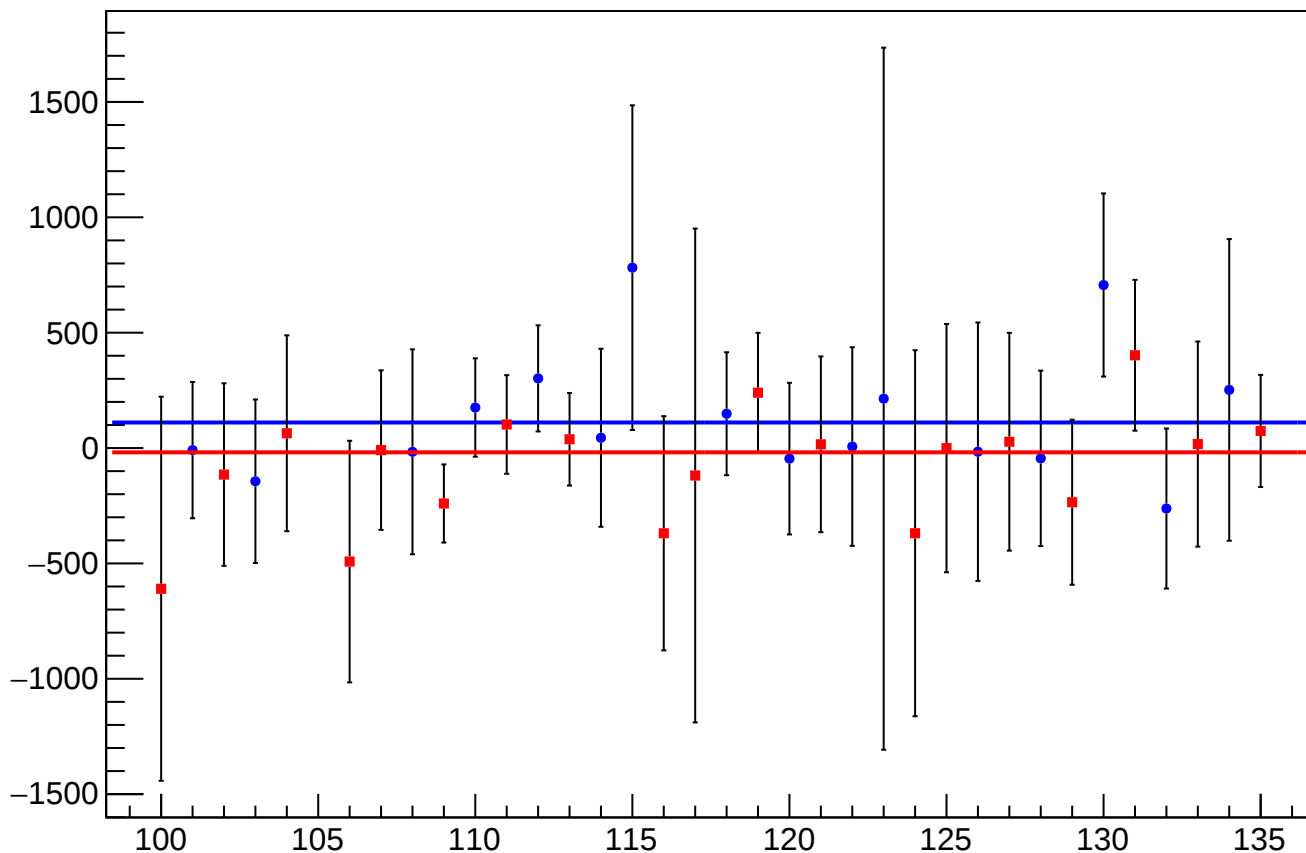
Right Out: 172.802 $\pm$ 0.050 χ^2 /NDF: 1544419.6/18

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

193.368 $\pm$ 0.060 χ^2 /NDF: 983166.5/15

172.802 $\pm$ 0.050 χ^2 /NDF: 1544419.6/18

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

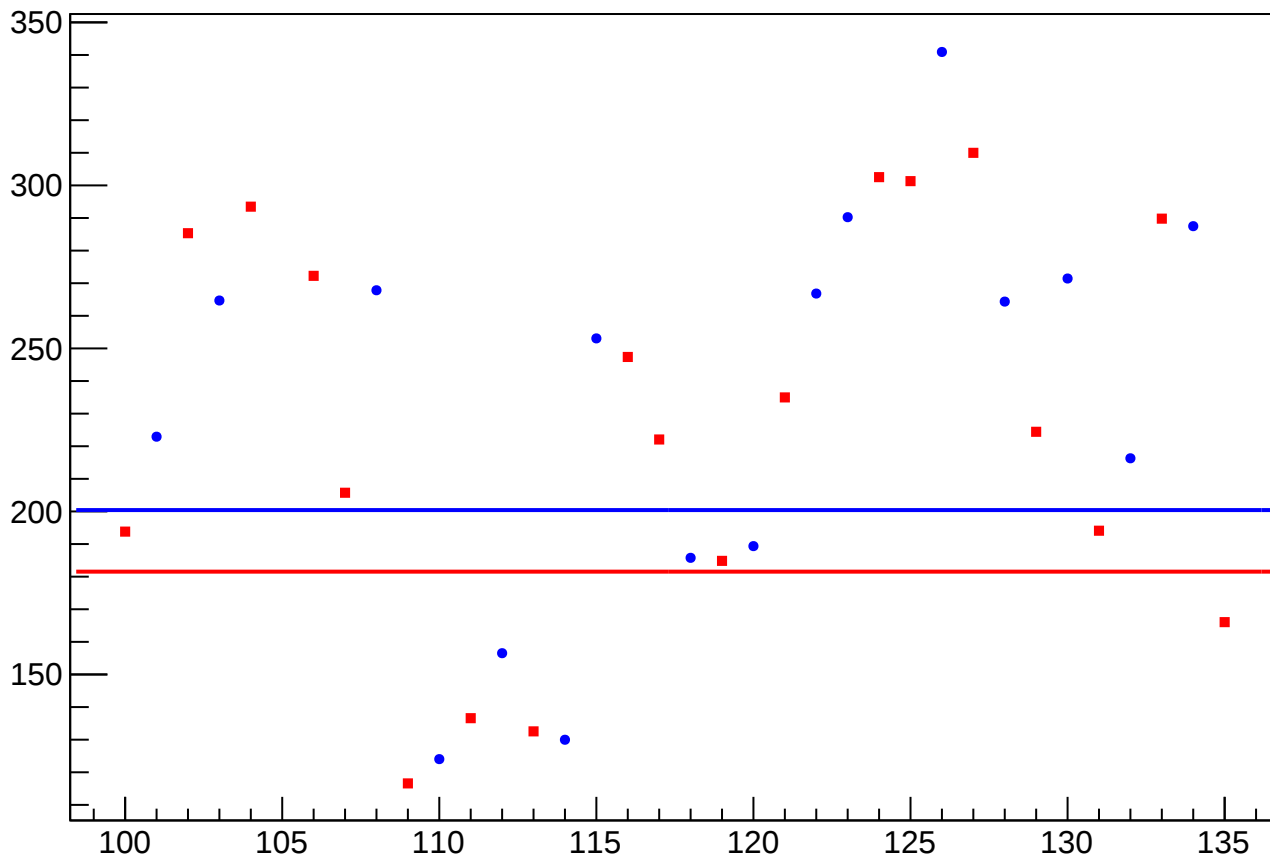
Right Out: -18.545 $\pm$ 74.084 χ^2 /NDF: 7.4/18

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

110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

-18.545 $\pm$ 74.084 χ^2 /NDF: 7.4/18

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

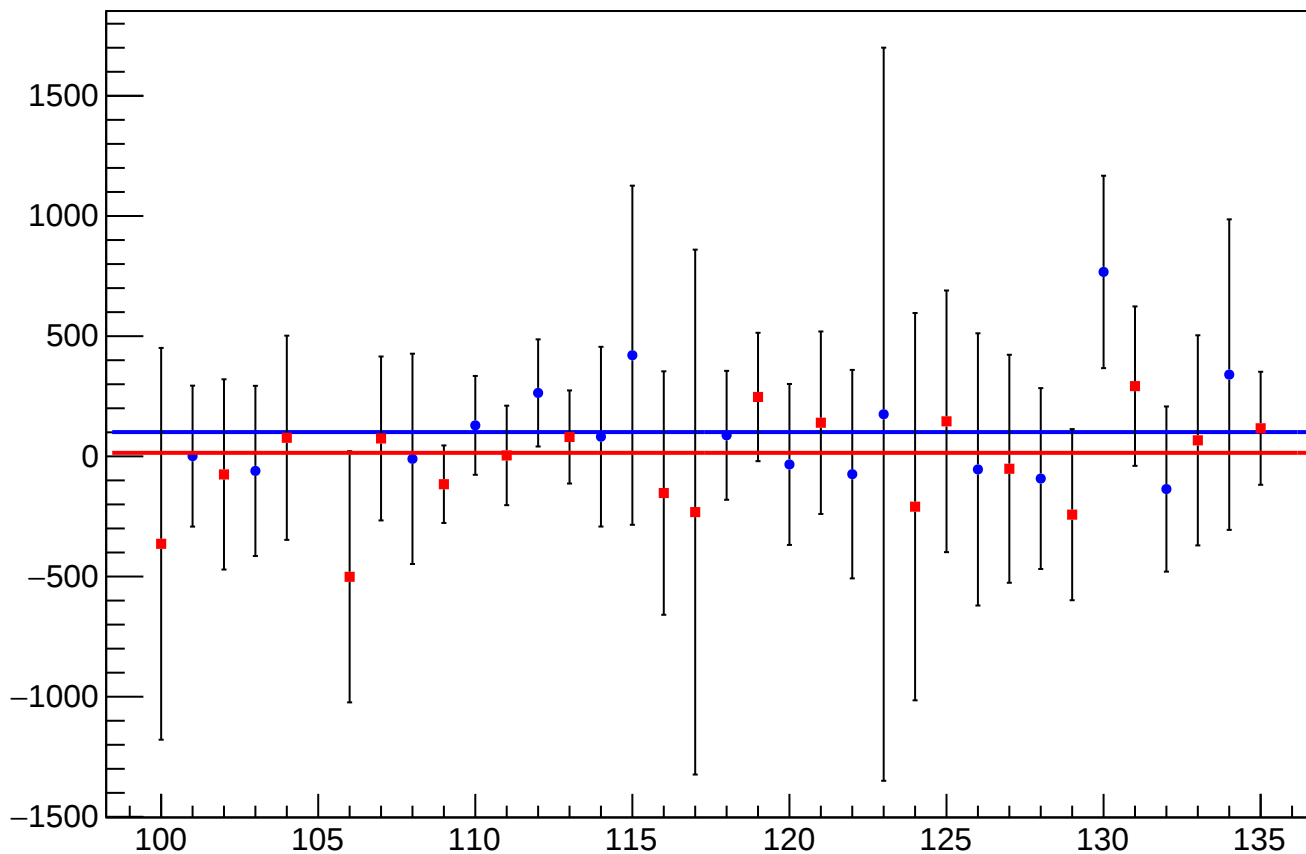
Right Out: 181.538+/-0.052 χ^2/NDF : 1377393.3/18

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

200.420+/-0.062 χ^2/NDF : 880014.3/15

181.538+/-0.052 χ^2/NDF : 1377393.3/18

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

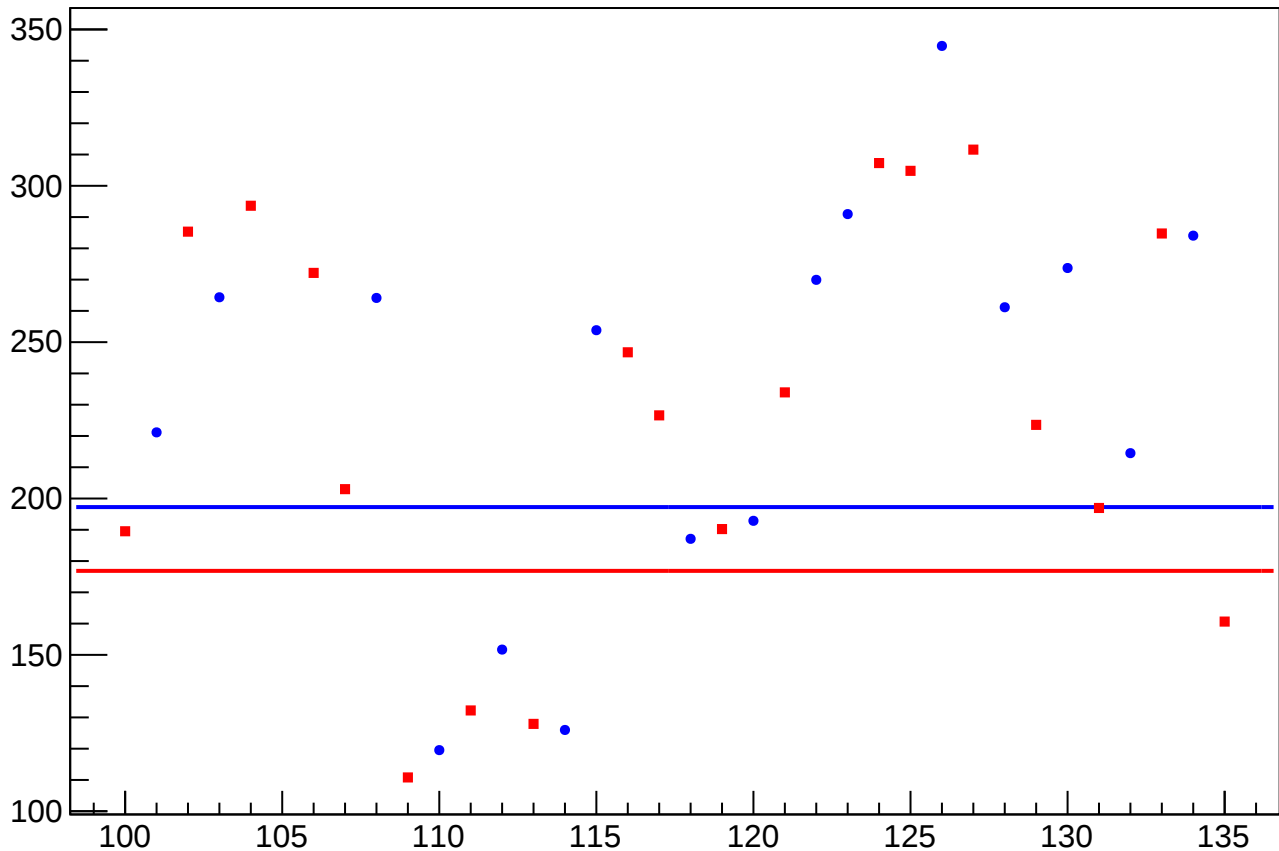
Right Out: 14.686 $\pm$ 72.648 χ^2 /NDF: 4.7/18

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

100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

14.686 $\pm$ 72.648 χ^2 /NDF: 4.7/18

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

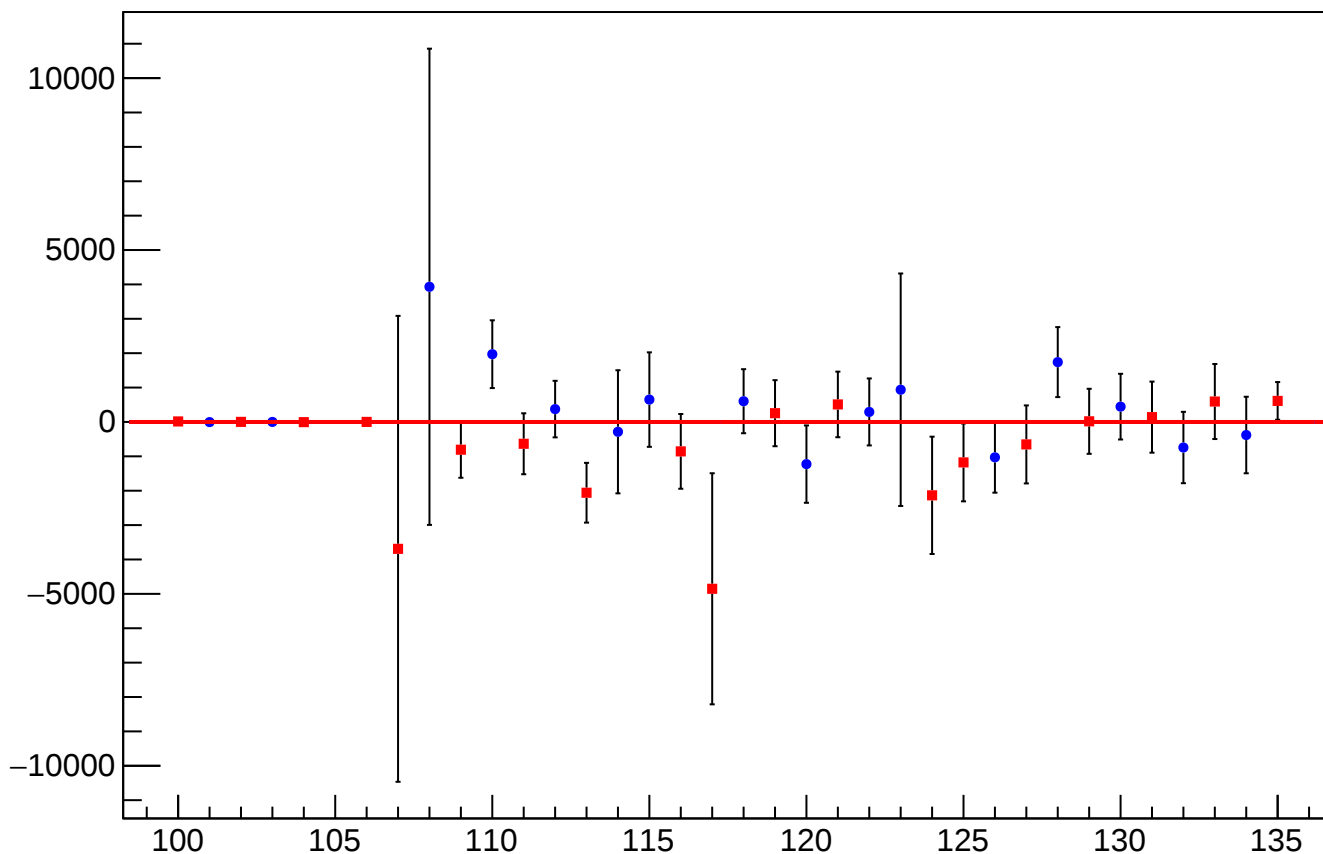
197.261 $\pm$ 0.061 χ^2 /NDF: 961053.1/15

Right Out: 176.862 $\pm$ 0.051 χ^2 /NDF: 1525900.3/18

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

176.862 $\pm$ 0.051 χ^2 /NDF: 1525900.3/18

asym_cav4bQ_mean vs Slug



Right In: -1.504+/-2.251 χ^2/NDF : 12.6/15

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

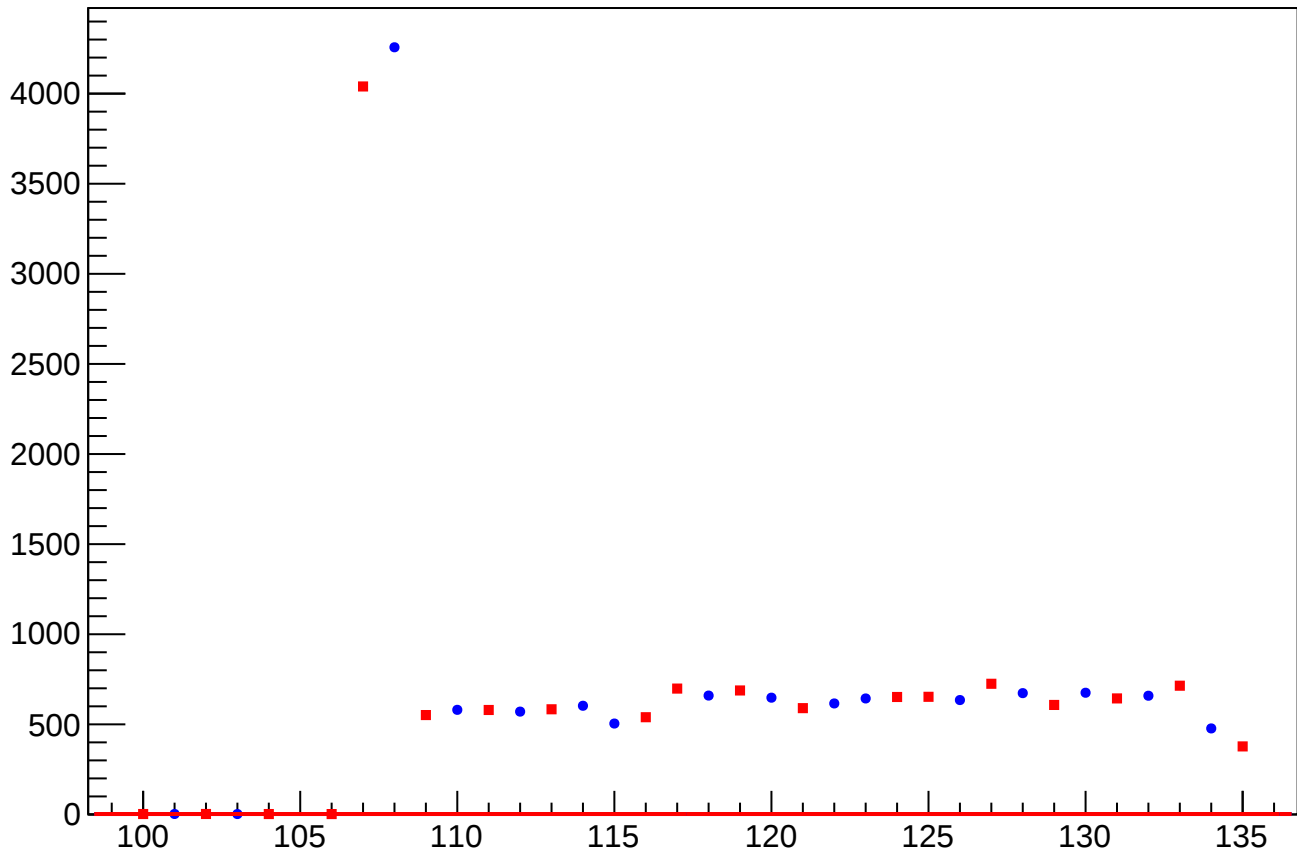
Right Out: -0.732+/-2.111 χ^2/NDF : 20.9/18

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

-1.504+/-2.251 χ^2/NDF : 12.6/15

-0.732+/-2.111 χ^2/NDF : 20.9/18

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

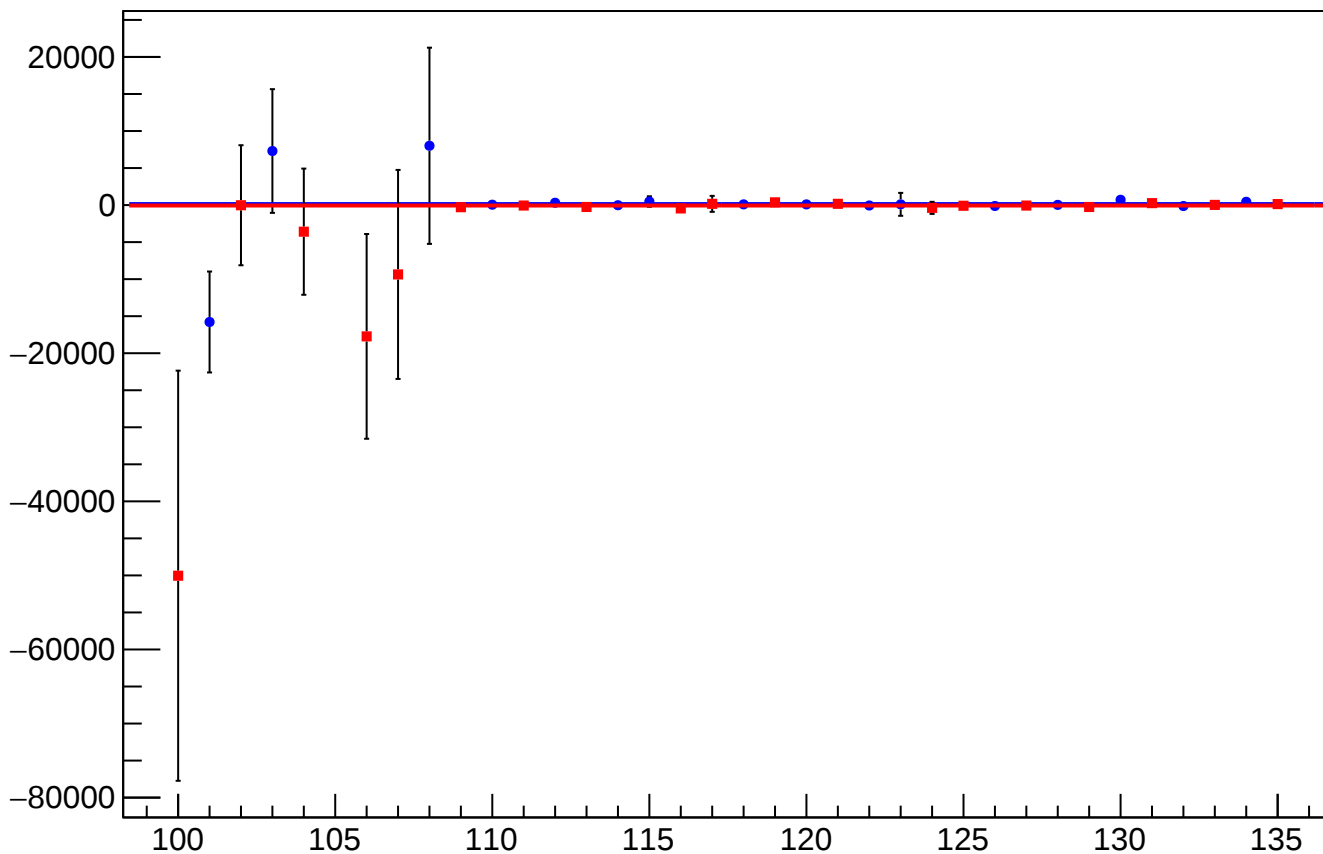
2.445+/-0.002 χ^2/NDF : 9206597.5/15

Right Out: 2.435+/-0.001 χ^2/NDF : 10862146.0/18

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

2.435+/-0.001 χ^2/NDF : 10862146.0/18

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

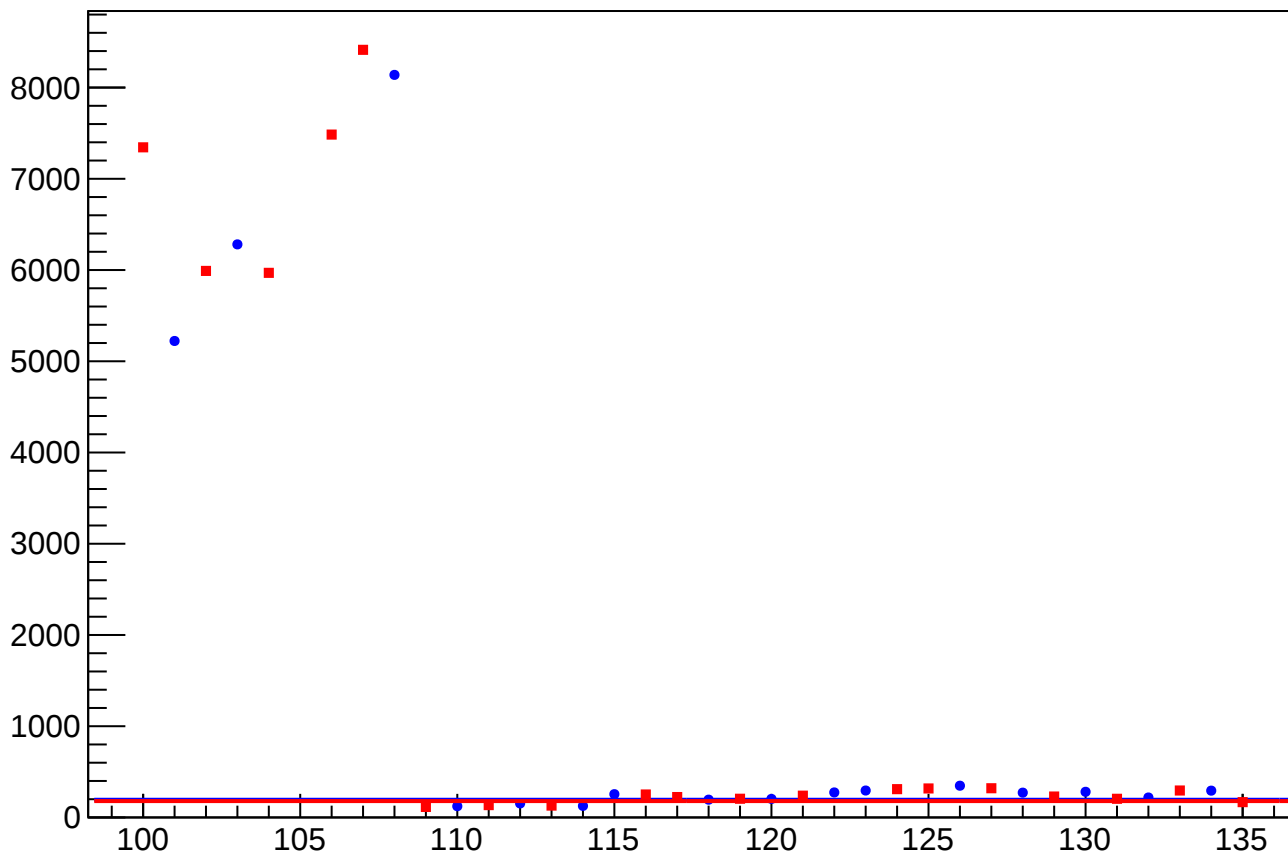
Right Out: -58.191+/-85.602 χ^2/NDF : 12.7/18

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

133.466+/-98.388 χ^2/NDF : 11.0/15

-58.191+/-85.602 χ^2/NDF : 12.7/18

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

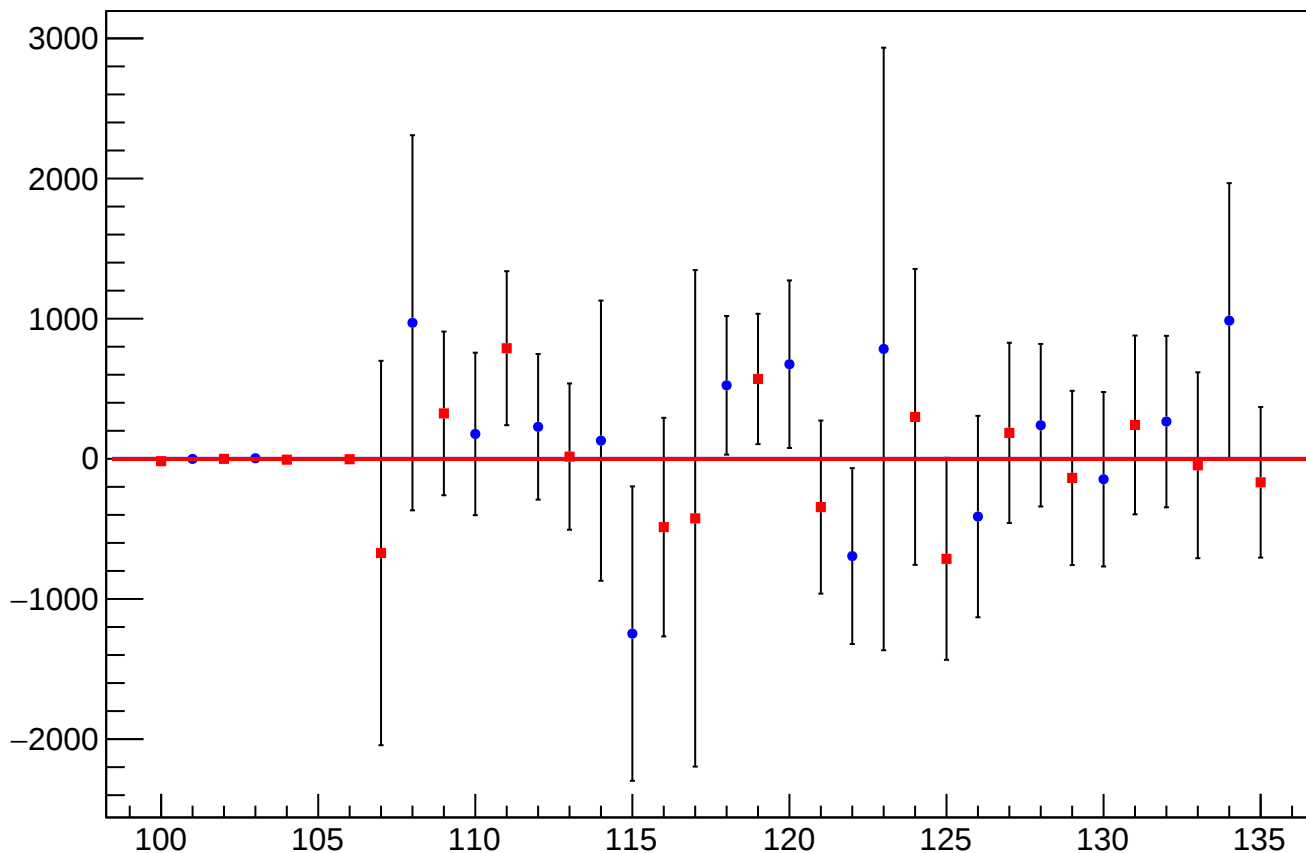
Right Out: 179.402+/-0.061 χ^2/NDF : 4318734.0/18

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

193.952+/-0.070 χ^2/NDF : 3679833.3/15

179.402+/-0.061 χ^2/NDF : 4318734.0/18

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

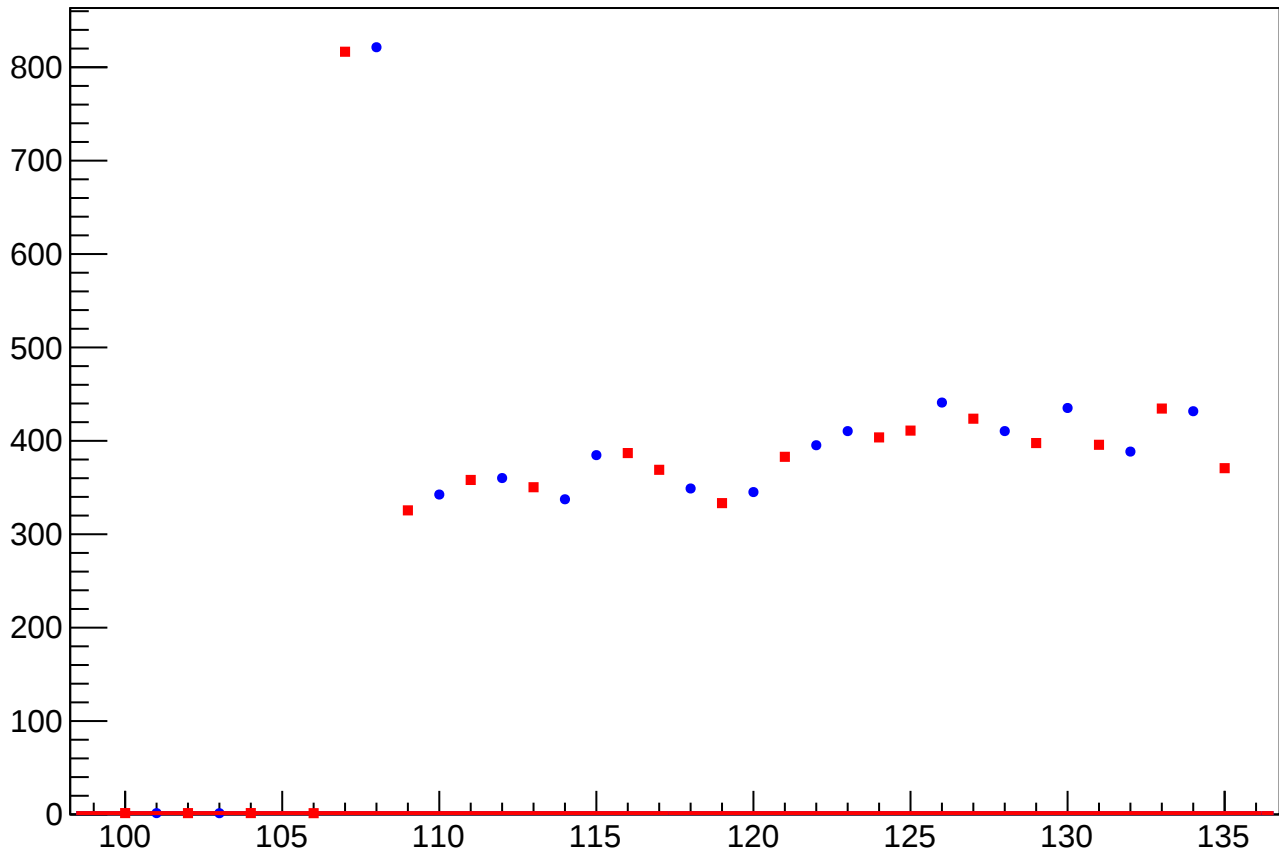
Right Out: -1.326+/-1.623 χ^2 /NDF: 9.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.146+/-1.737 χ^2 /NDF: 8.6/15

-1.326+/-1.623 χ^2 /NDF: 9.0/18

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

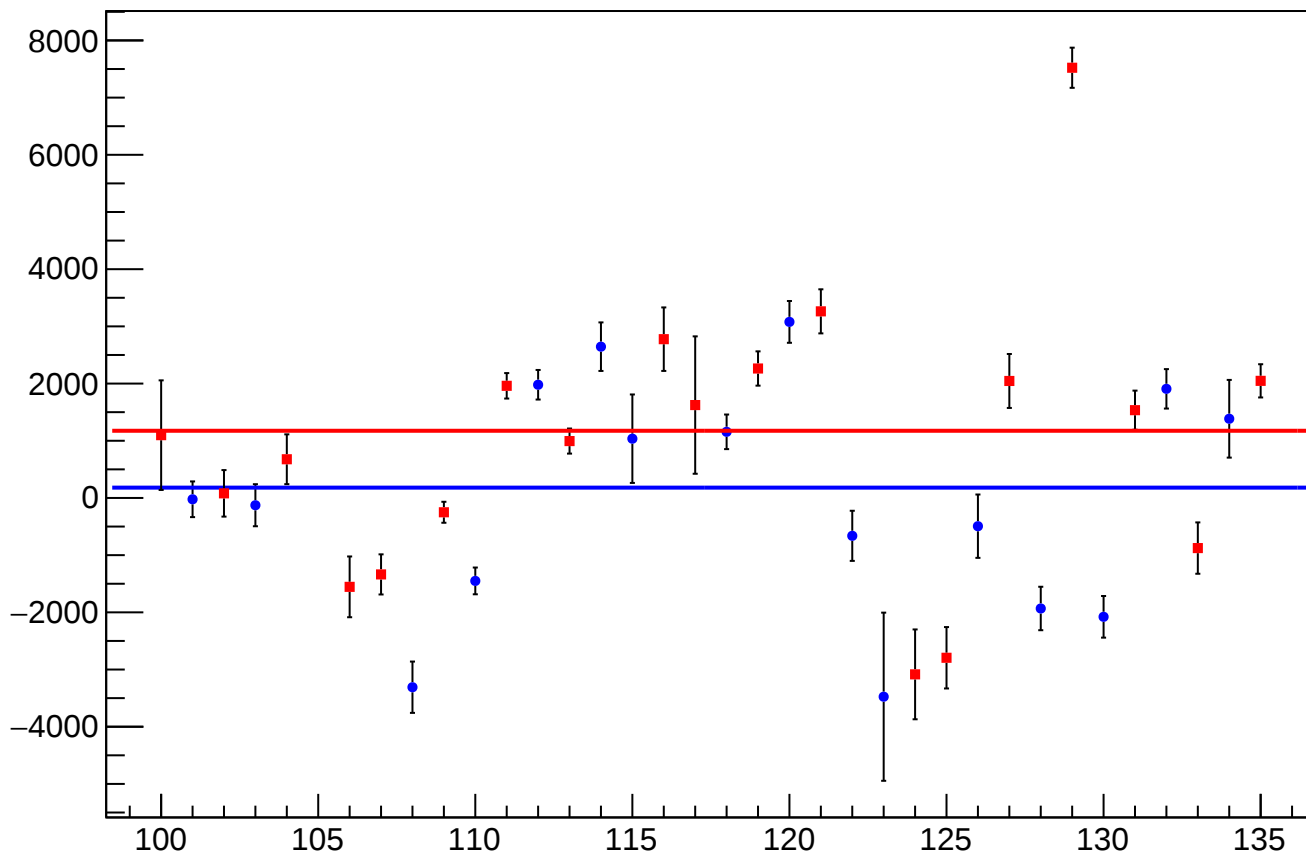
Right Out: 1.450+/-0.001 χ^2/NDF : 10591898.0/18

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

1.446+/-0.001 χ^2/NDF : 9297686.8/15

1.450+/-0.001 χ^2/NDF : 10591898.0/18

asym_bcm0l02_mean vs Slug



Right In: 180.614 $\pm$ 93.053 χ^2 /NDF: 375.9/15

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

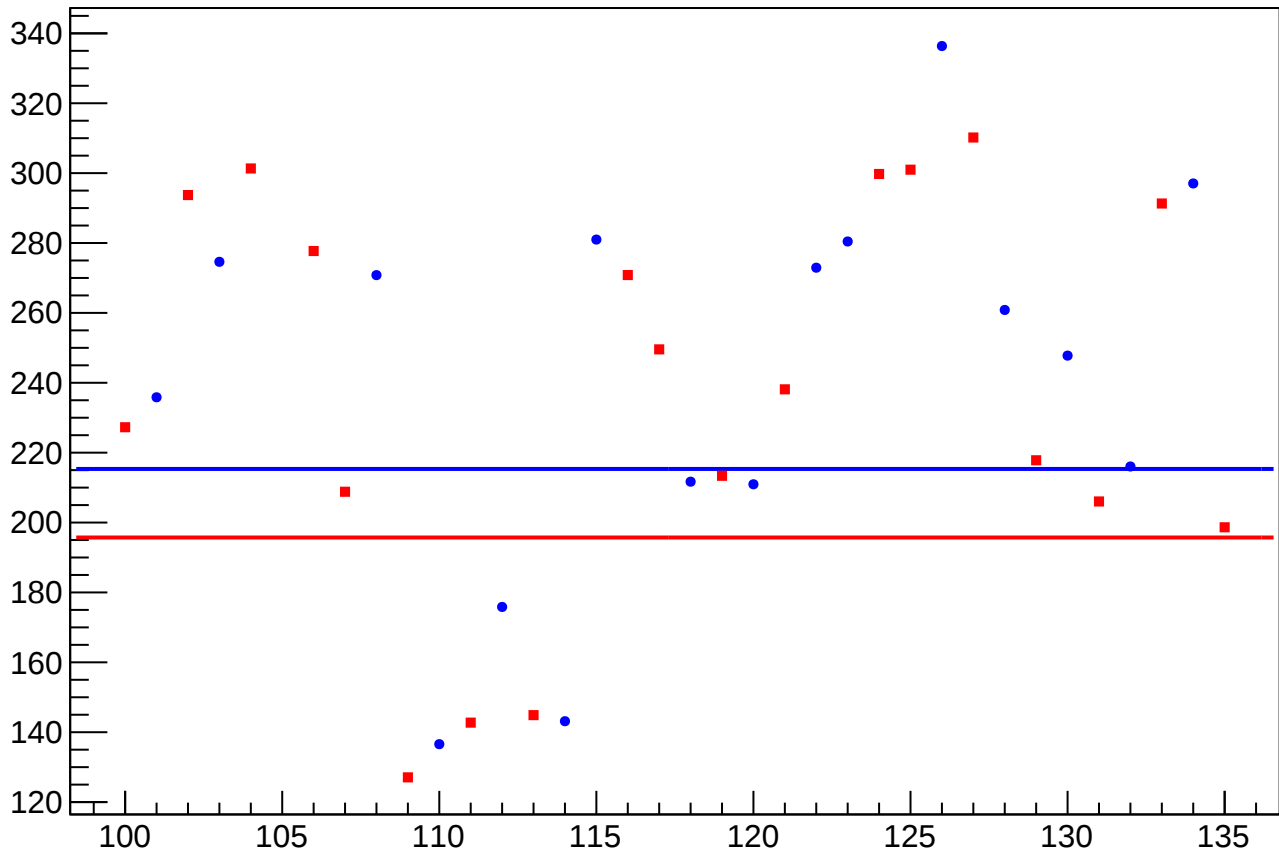
Right Out: 1174.811 $\pm$ 79.136 χ^2 /NDF: 656.2/18

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

180.614 $\pm$ 93.053 χ^2 /NDF: 375.9/15

1174.811 $\pm$ 79.136 χ^2 /NDF: 656.2/18

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

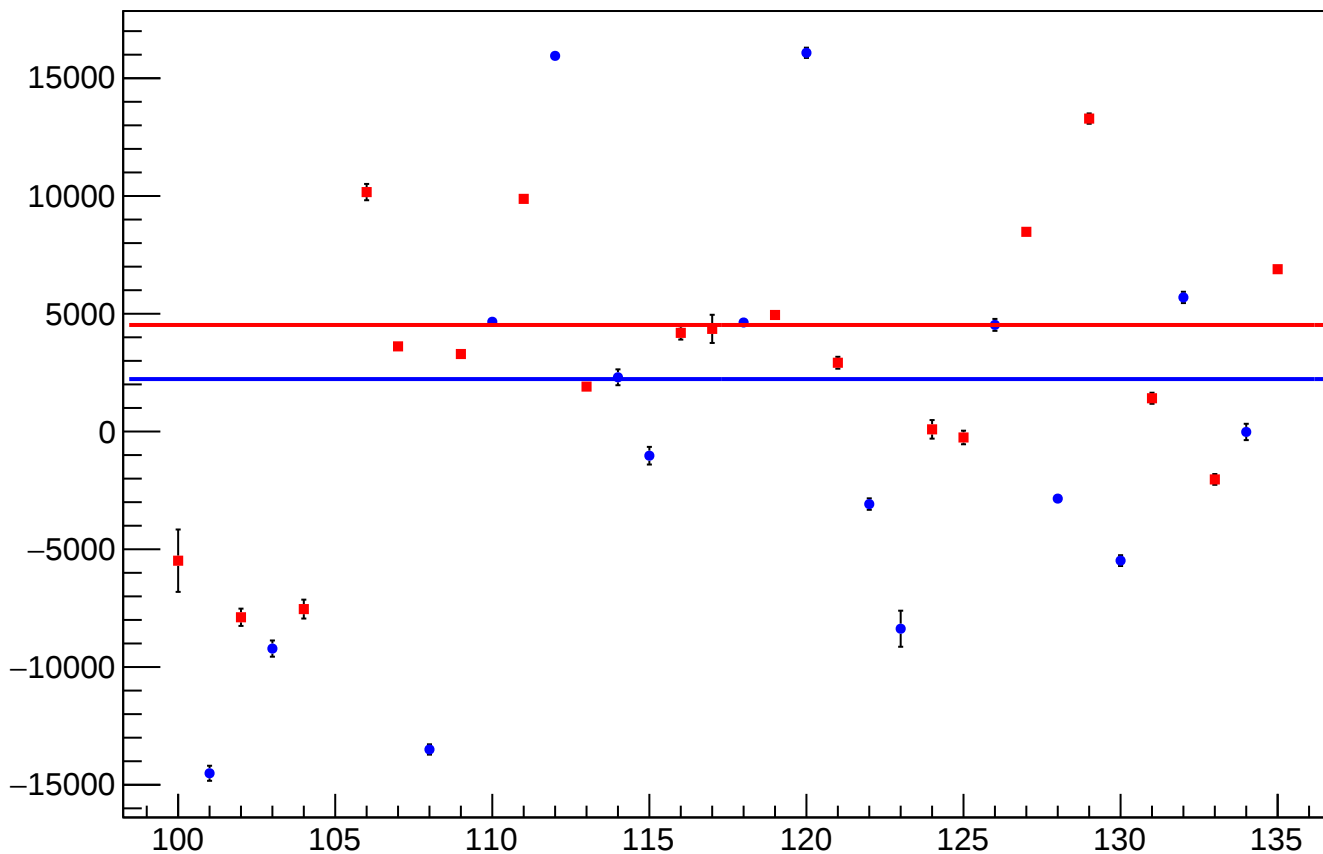
215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

Right Out: 195.721 $\pm$ 0.056 χ^2 /NDF: 1189585.6/18

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

195.721 $\pm$ 0.056 χ^2 /NDF: 1189585.6/18

asym_bpm0i02WS_mean vs Slug



Right In: 2226.767 $\pm$ 59.315 χ^2 /NDF: 22665.2/15

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

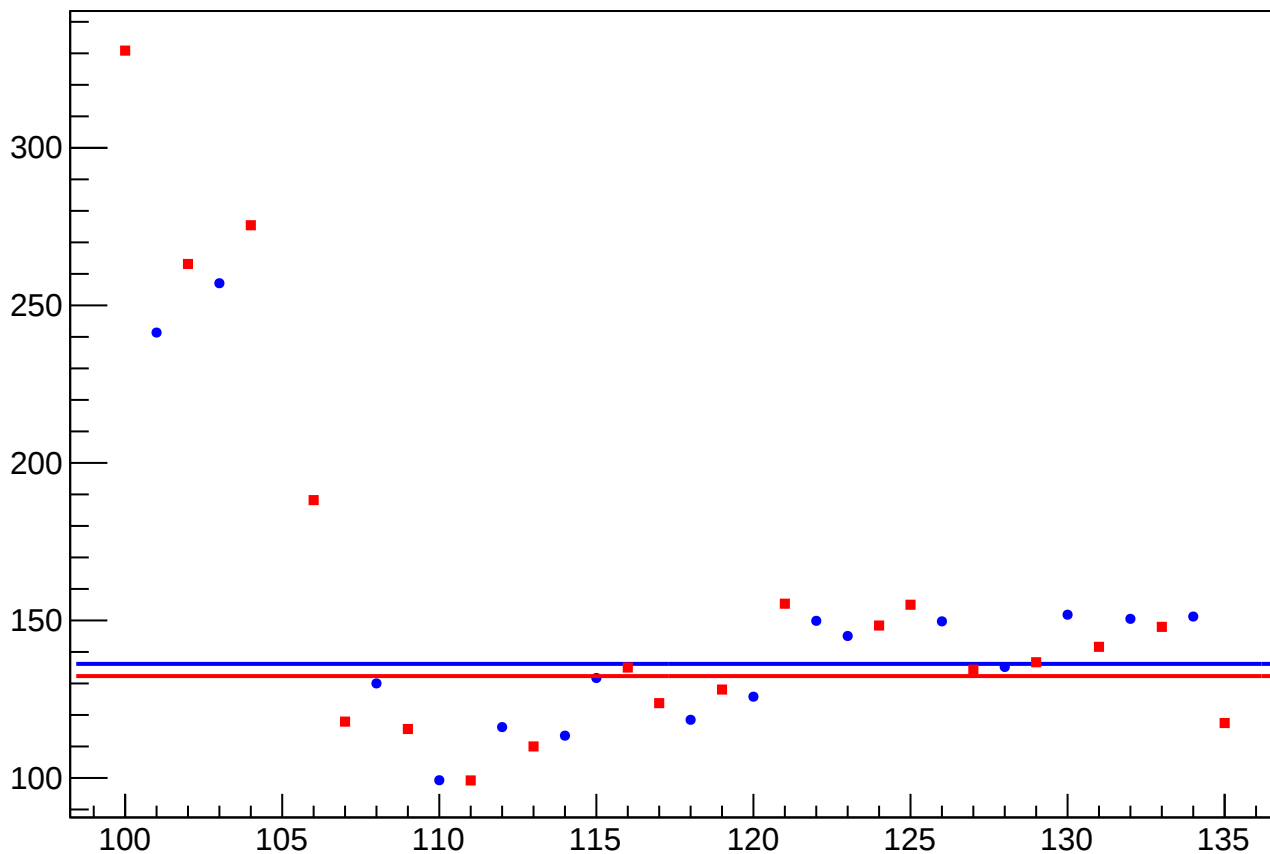
Right Out: 4523.728 $\pm$ 52.867 χ^2 /NDF: 7476.0/18

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

2226.767 $\pm$ 59.315 χ^2 /NDF: 22665.2/15

4523.728 $\pm$ 52.867 χ^2 /NDF: 7476.0/18

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

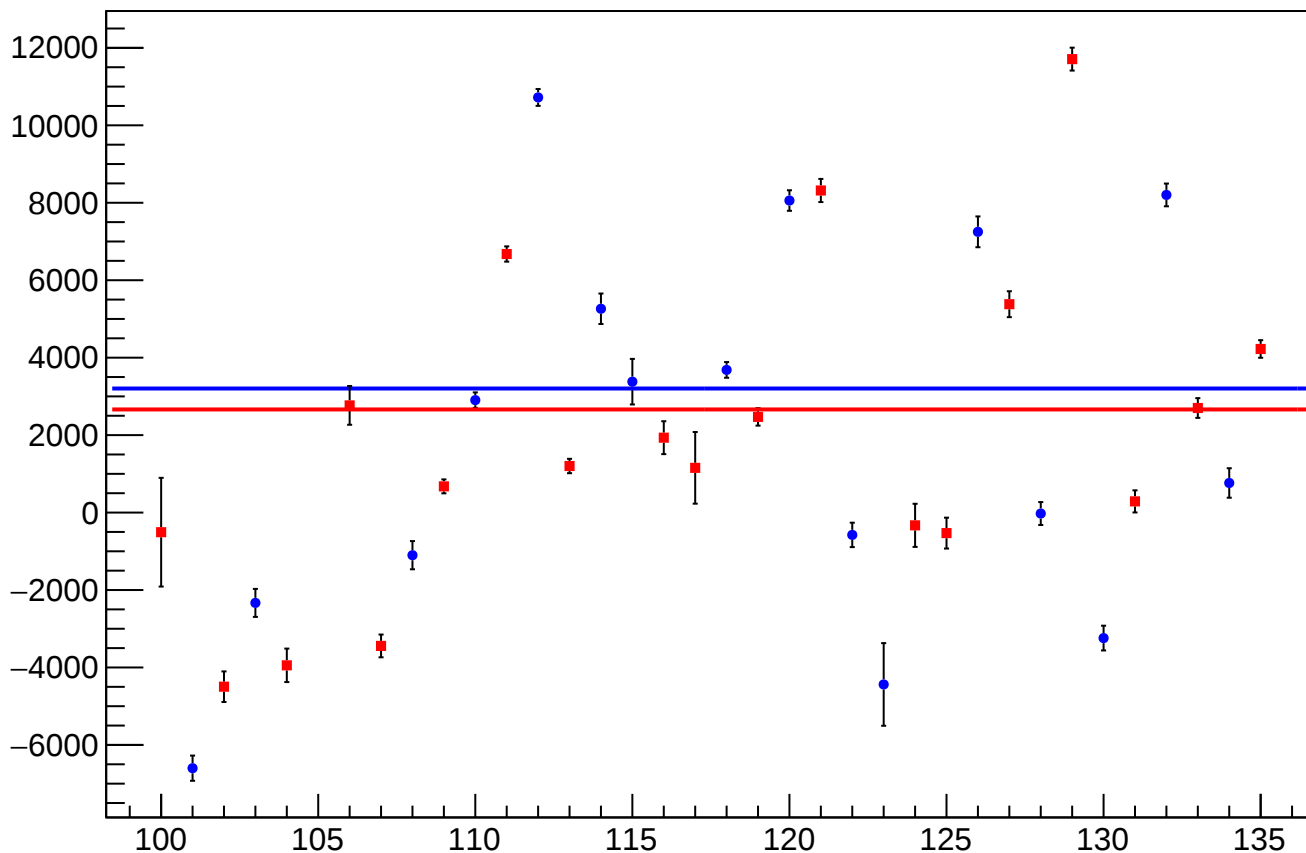
Right Out: 132.339 $\pm$ 0.037 χ^2 /NDF: 826428.0/18

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

136.213 $\pm$ 0.042 χ^2 /NDF: 653653.5/15

132.339 $\pm$ 0.037 χ^2 /NDF: 826428.0/18

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

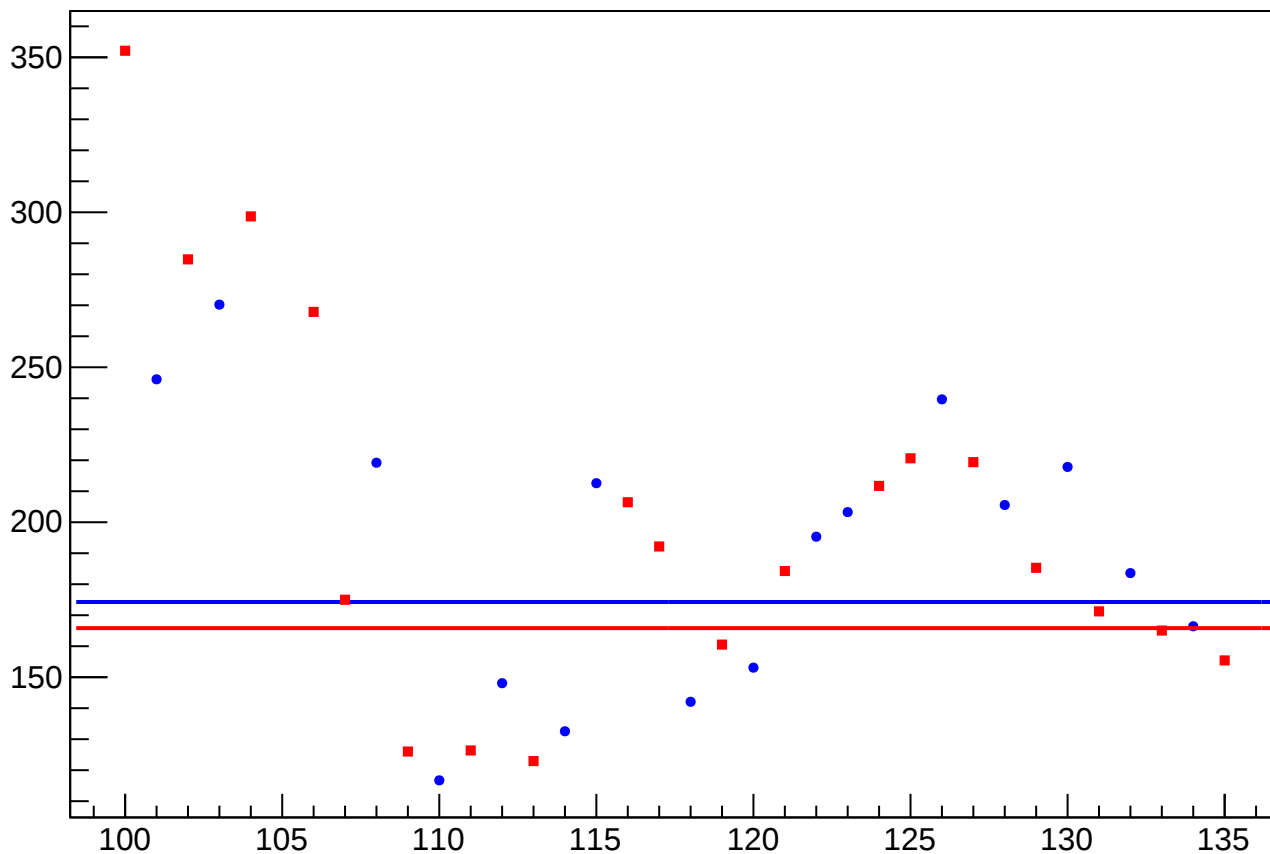
Right Out: 2663.043+/-66.244 χ^2/NDF : 3173.2/18

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

3203.737+/-75.445 χ^2/NDF : 3997.2/15

2663.043+/-66.244 χ^2/NDF : 3173.2/18

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

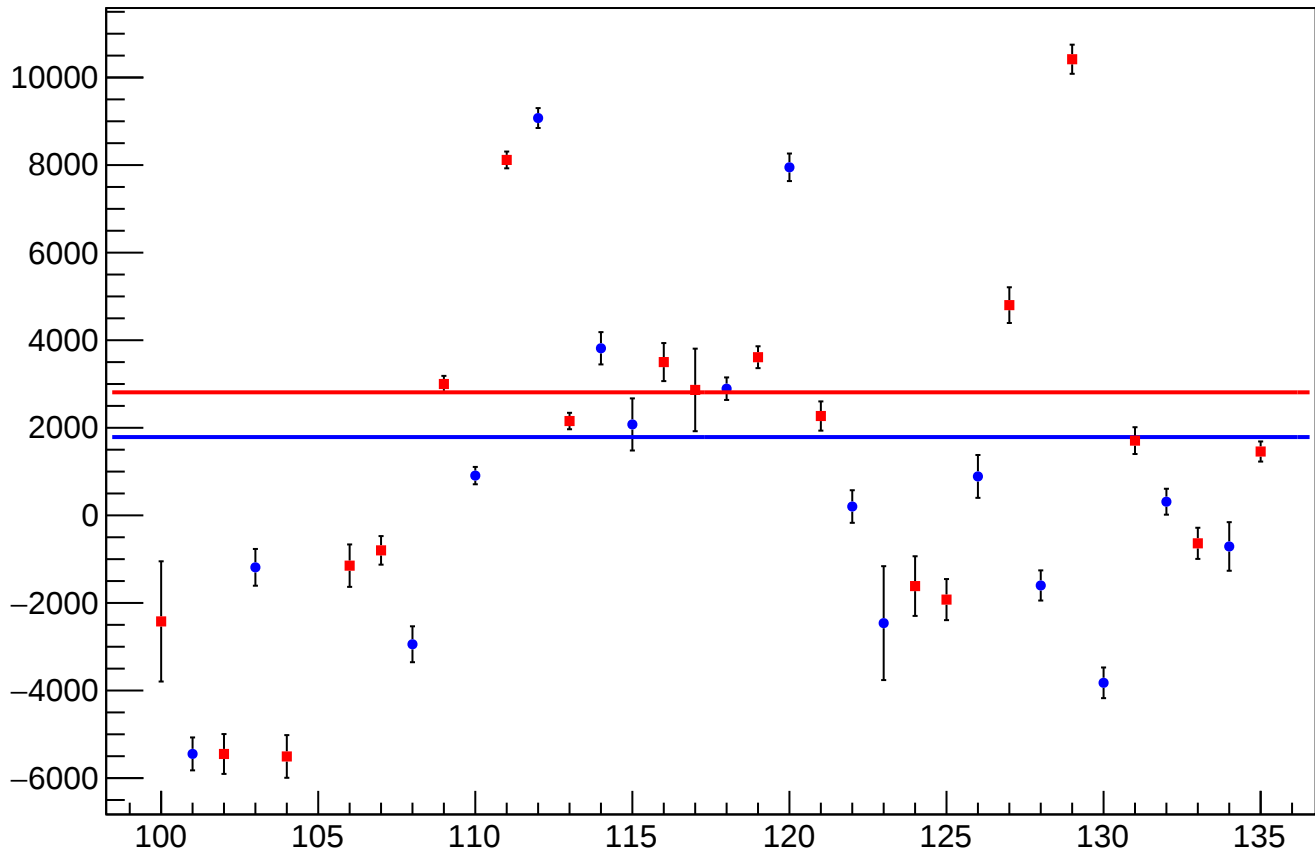
174.263+/-0.053 χ^2/NDF : 685080.5/15

Right Out: 165.834+/-0.047 χ^2/NDF : 920475.2/18

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

165.834+/-0.047 χ^2/NDF : 920475.2/18

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

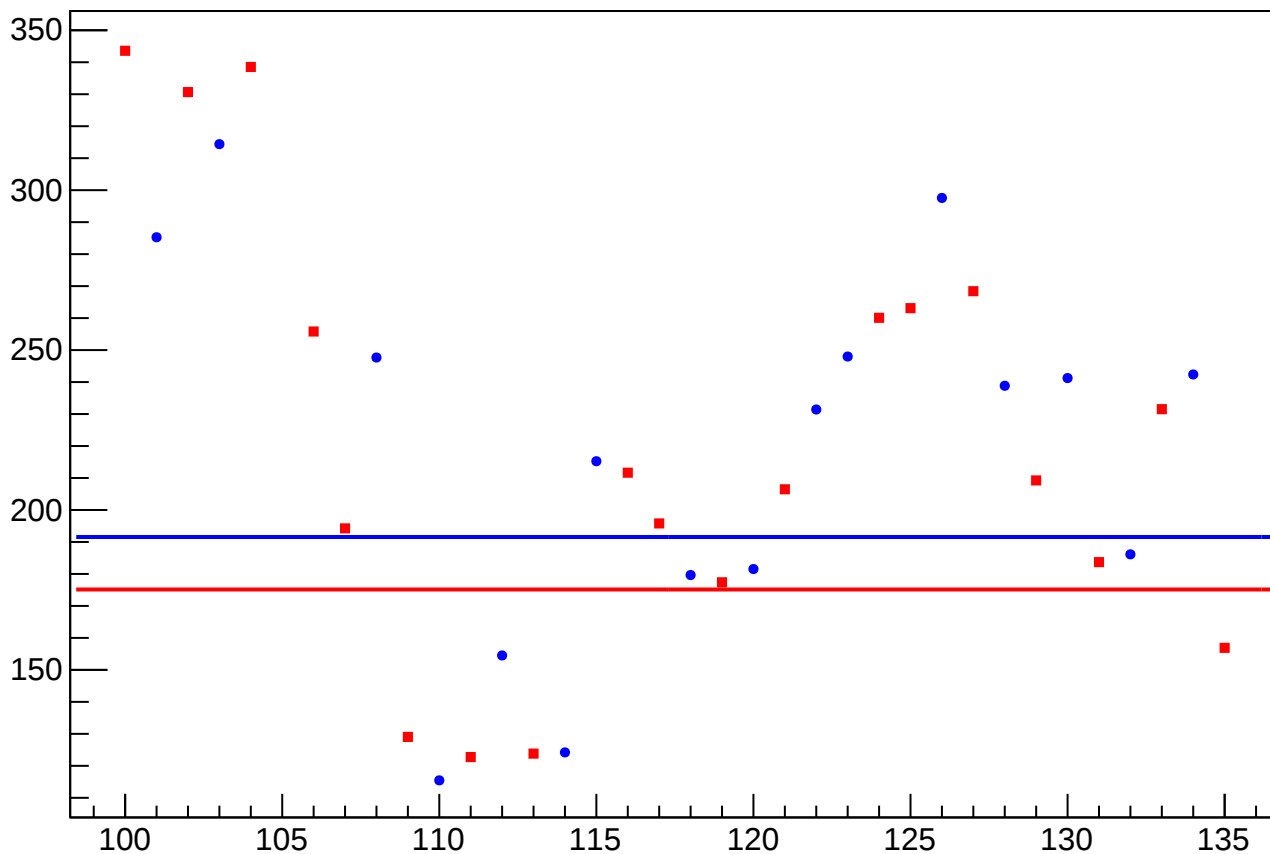
Right Out: 2810.103 $\pm$ 70.942 χ^2 /NDF: 2453.2/18

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

1788.316 $\pm$ 83.876 χ^2 /NDF: 2463.8/15

2810.103 $\pm$ 70.942 χ^2 /NDF: 2453.2/18

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

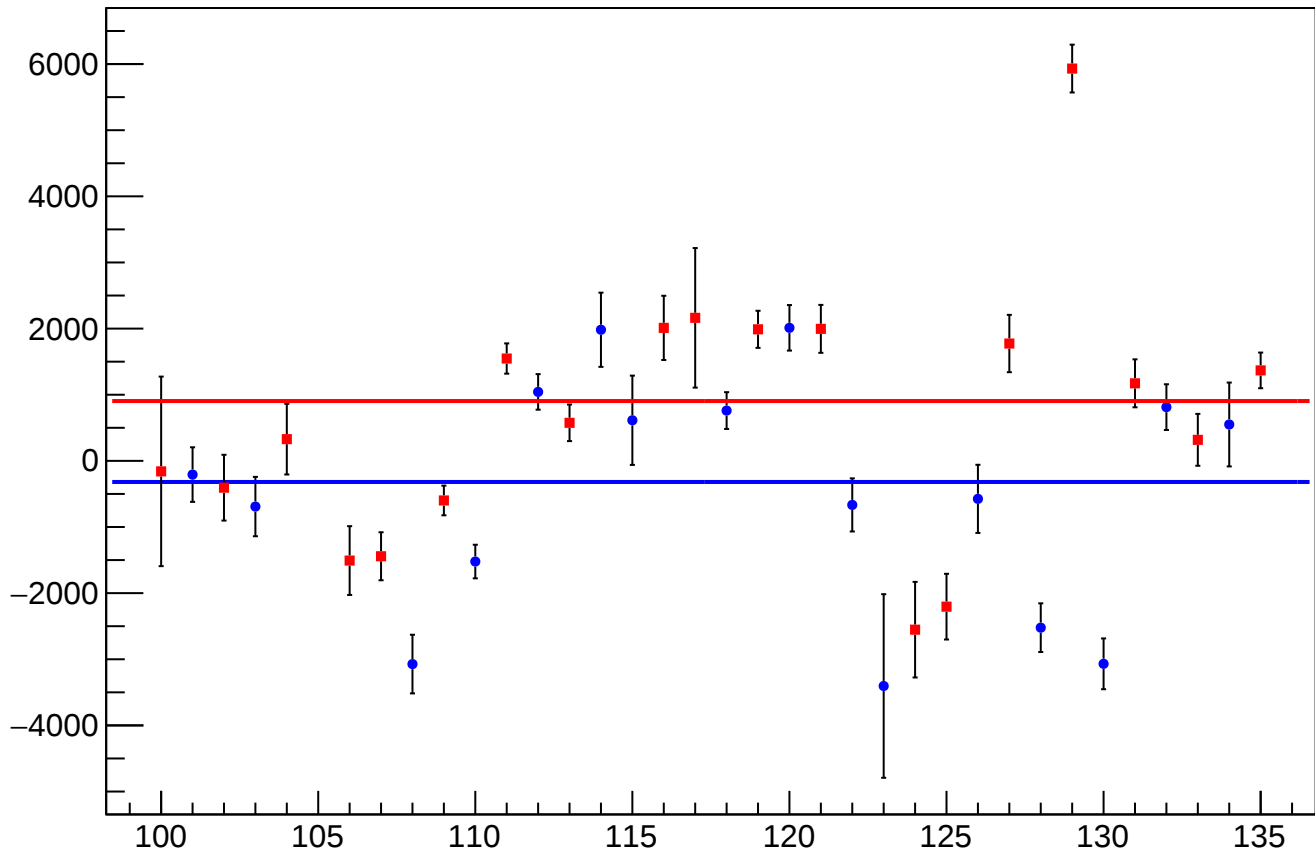
Right Out: 175.140+/-0.050 χ^2/NDF : 1297993.9/18

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

191.553+/-0.059 χ^2/NDF : 973301.2/15

175.140+/-0.050 χ^2/NDF : 1297993.9/18

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

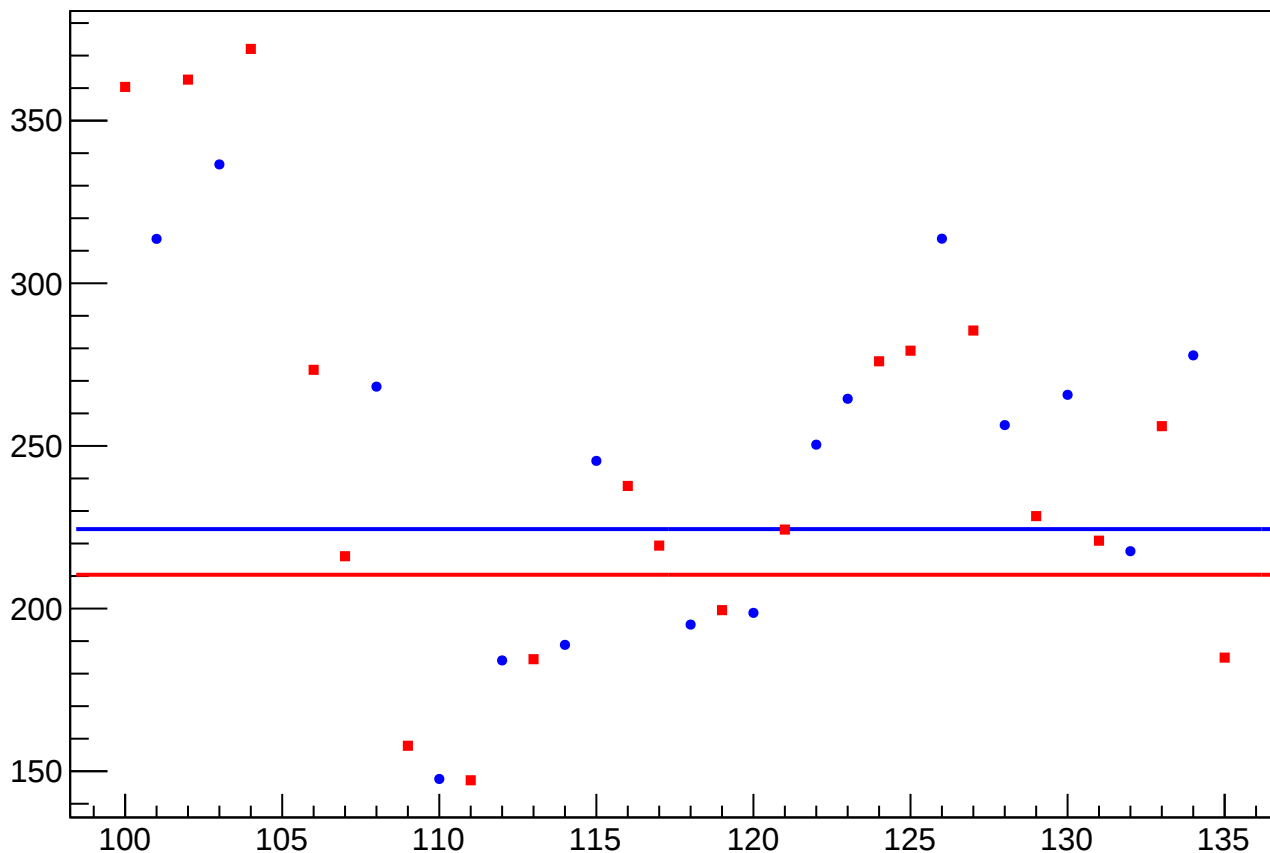
Right Out: 904.828+/-83.439 χ^2/NDF : 422.1/18

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

-319.044+/-96.450 χ^2/NDF : 272.7/15

904.828+/-83.439 χ^2/NDF : 422.1/18

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

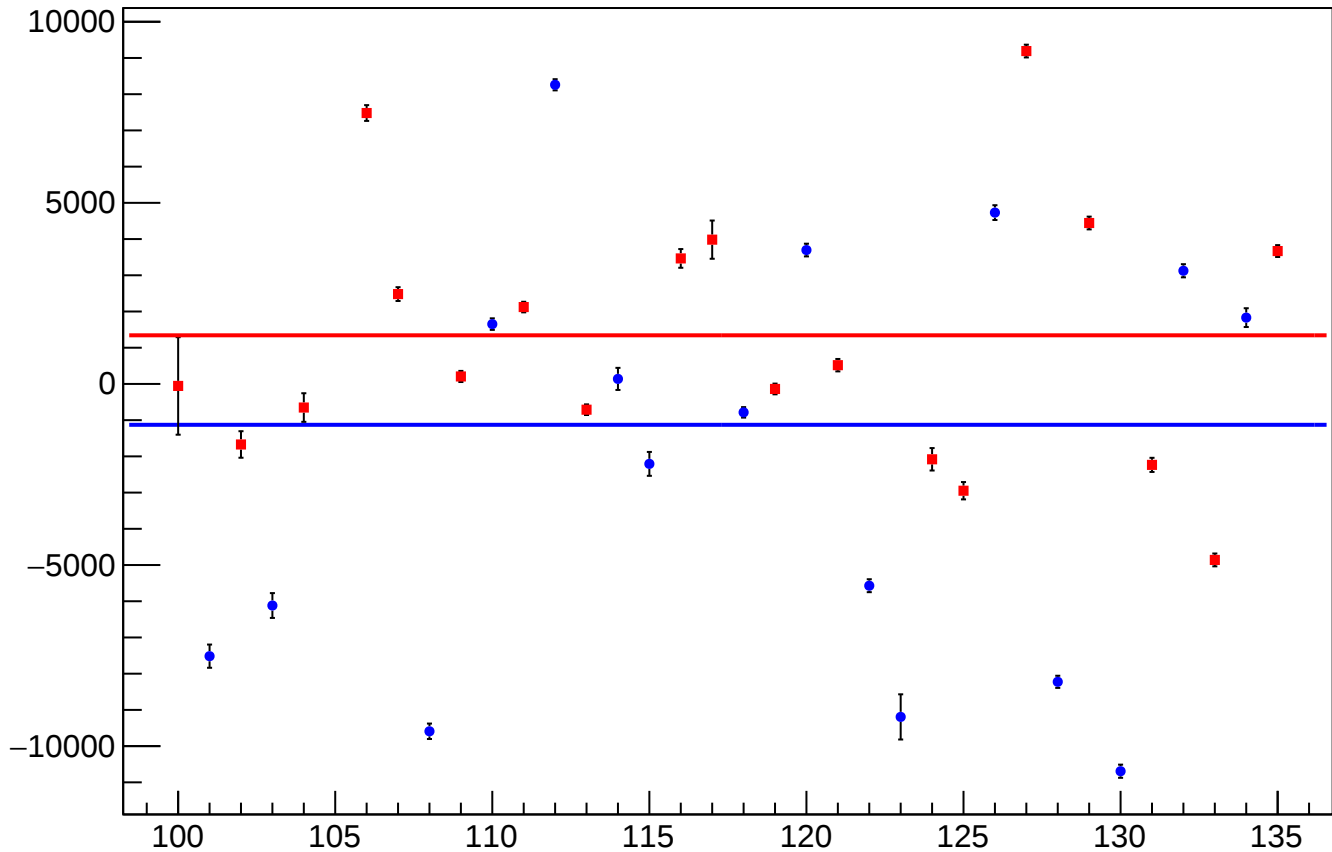
Right Out: 210.397+/-0.059 χ^2/NDF : 880843.7/18

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

224.429+/-0.068 χ^2/NDF : 632501.8/15

210.397+/-0.059 χ^2/NDF : 880843.7/18

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

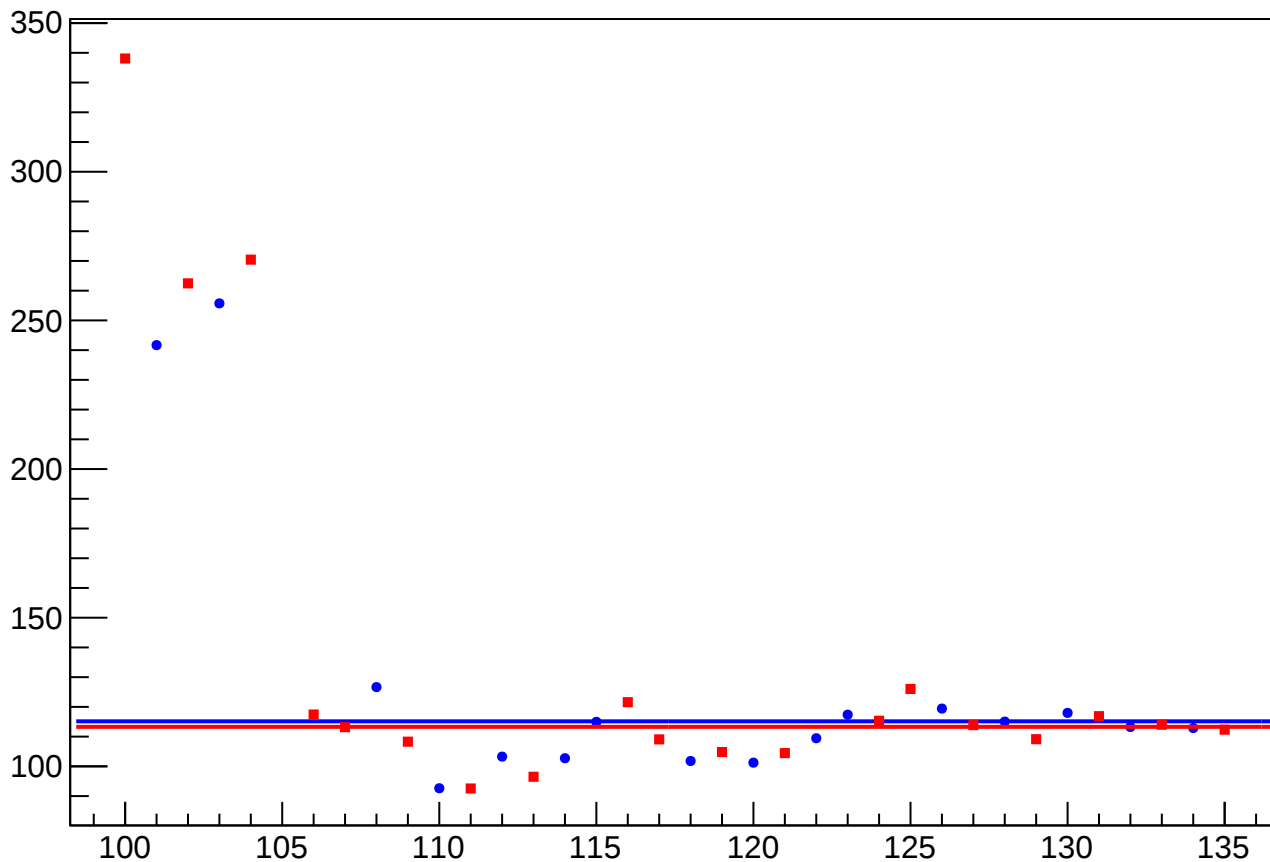
Right Out: 1342.733 $\pm$ 45.424 χ^2 /NDF: 5915.7/18

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

-1128.390 $\pm$ 50.616 χ^2 /NDF: 13813.2/15

1342.733 $\pm$ 45.424 χ^2 /NDF: 5915.7/18

asym_bpm1i02WS_rms vs Slug



Right In: 115.142+/-0.036 χ^2/NDF : 741793.9/15

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

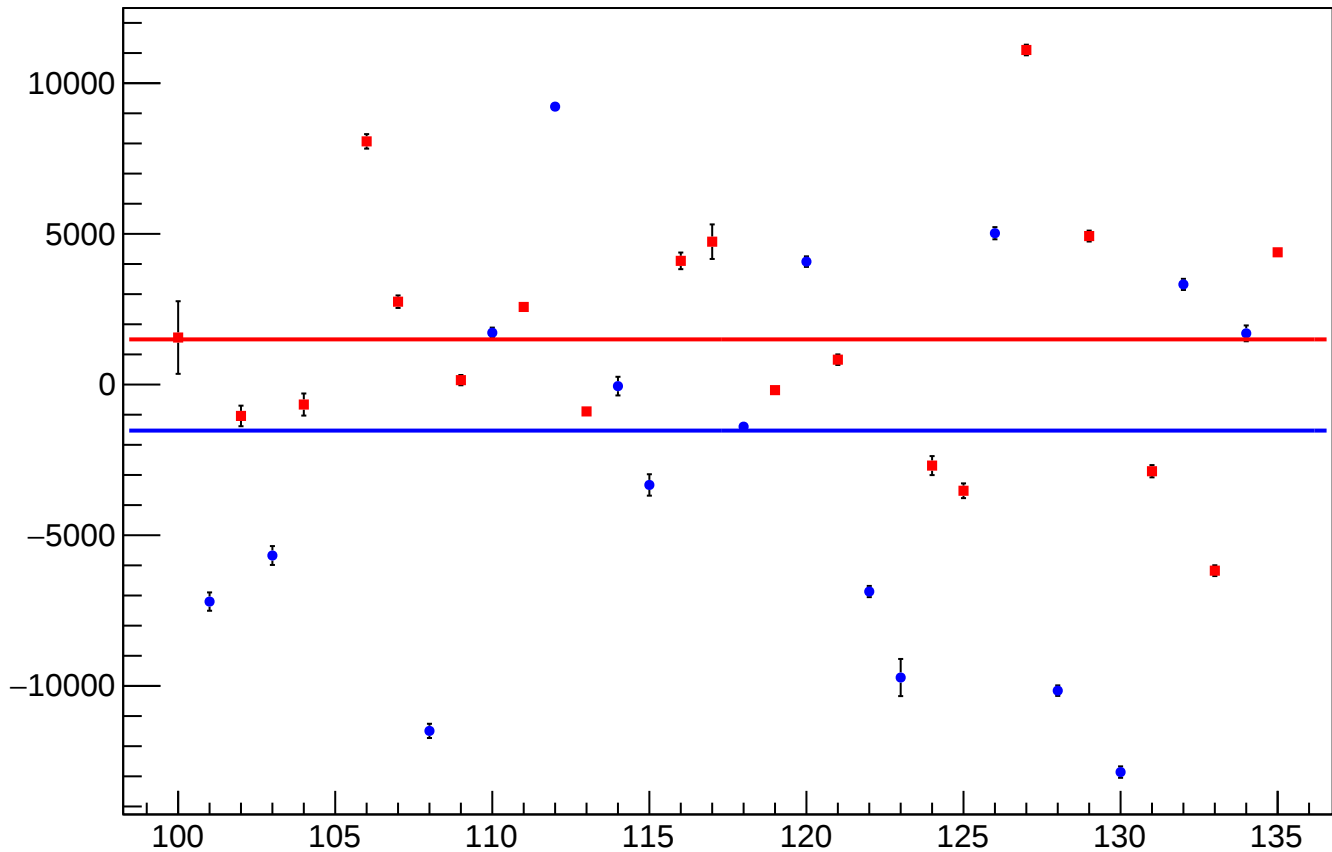
Right Out: 113.283+/-0.032 χ^2/NDF : 795200.0/18

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

115.142+/-0.036 χ^2/NDF : 741793.9/15

113.283+/-0.032 χ^2/NDF : 795200.0/18

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

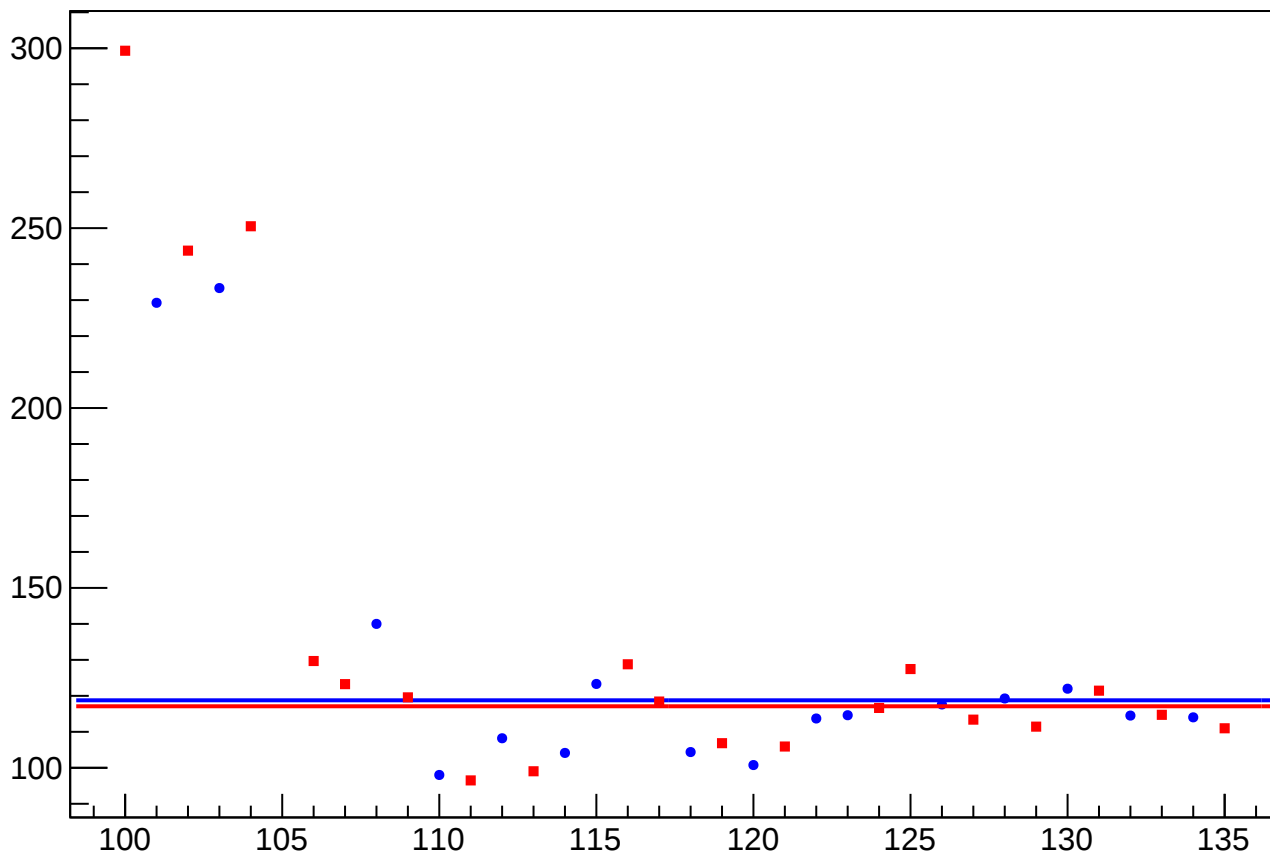
Right Out: 1498.632+/-46.952 χ^2/NDF : 8034.8/18

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

-1527.485+/-52.130 χ^2/NDF : 17009.8/15

1498.632+/-46.952 χ^2/NDF : 8034.8/18

asym_bpm2i01WS_rms vs Slug



Right In: 118.762+/-0.037 χ^2/NDF : 634547.3/15

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

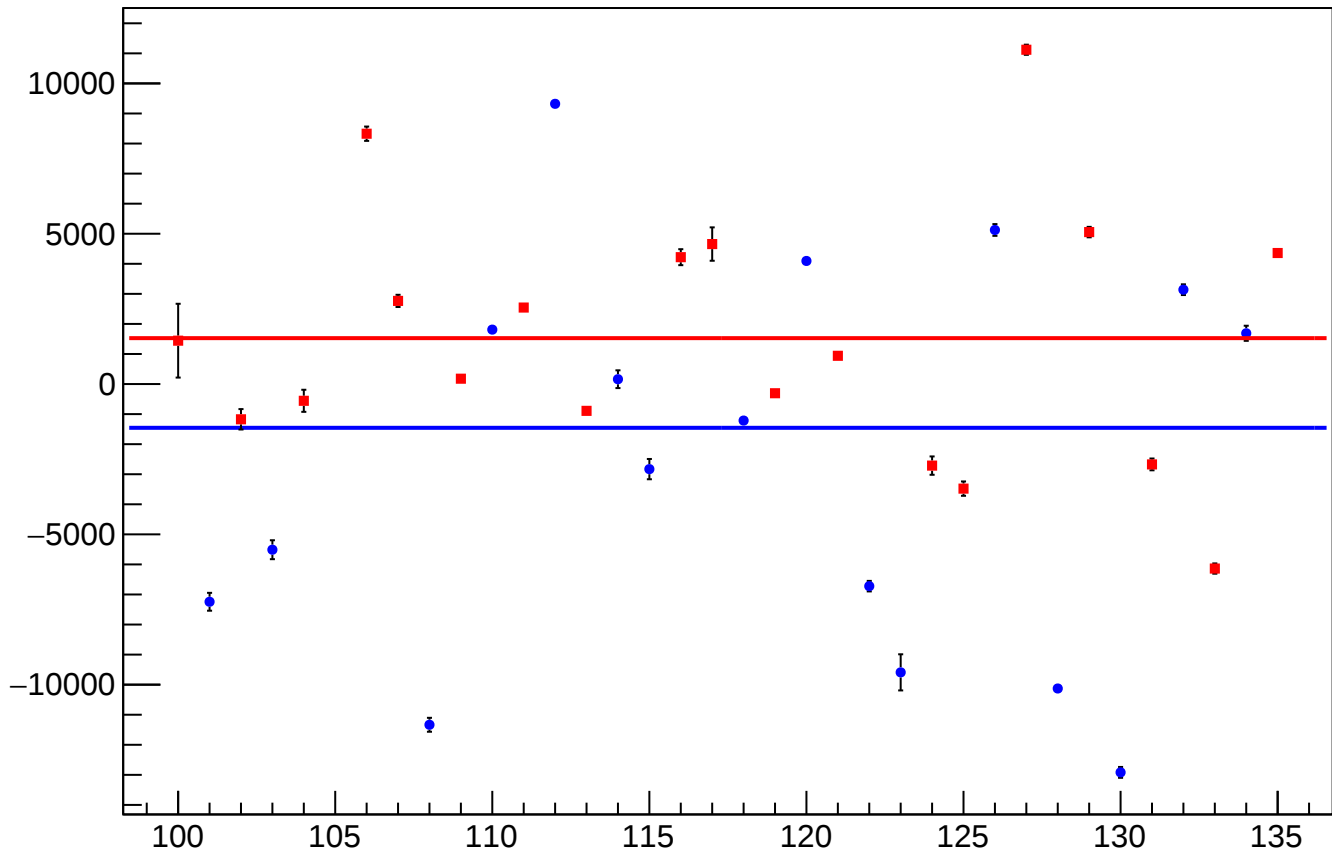
Right Out: 117.102+/-0.033 χ^2/NDF : 690577.7/18

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

118.762+/-0.037 χ^2/NDF : 634547.3/15

117.102+/-0.033 χ^2/NDF : 690577.7/18

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

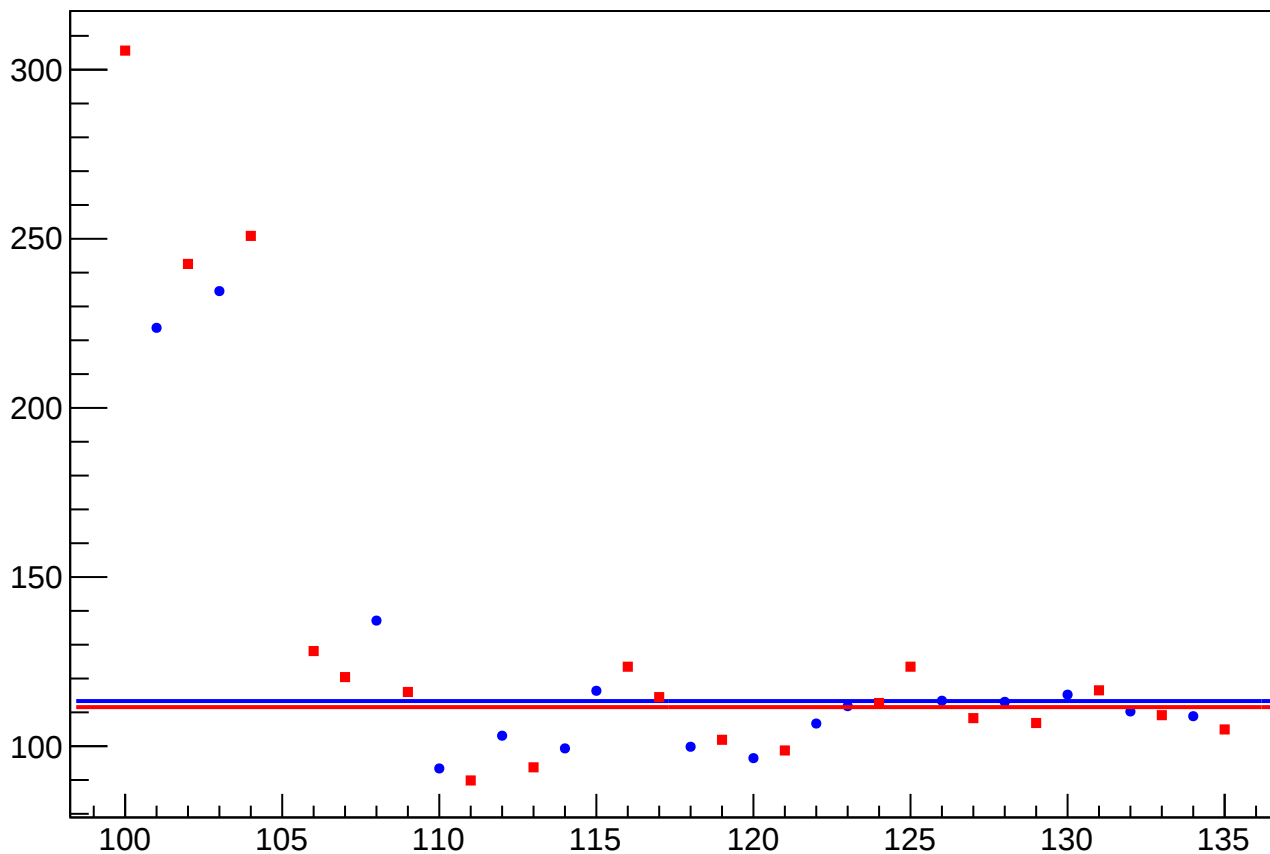
Right Out: 1526.874+/-44.962 χ^2 /NDF: 8747.3/18

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

-1455.654+/-49.993 χ^2 /NDF: 18492.0/15

1526.874+/-44.962 χ^2 /NDF: 8747.3/18

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

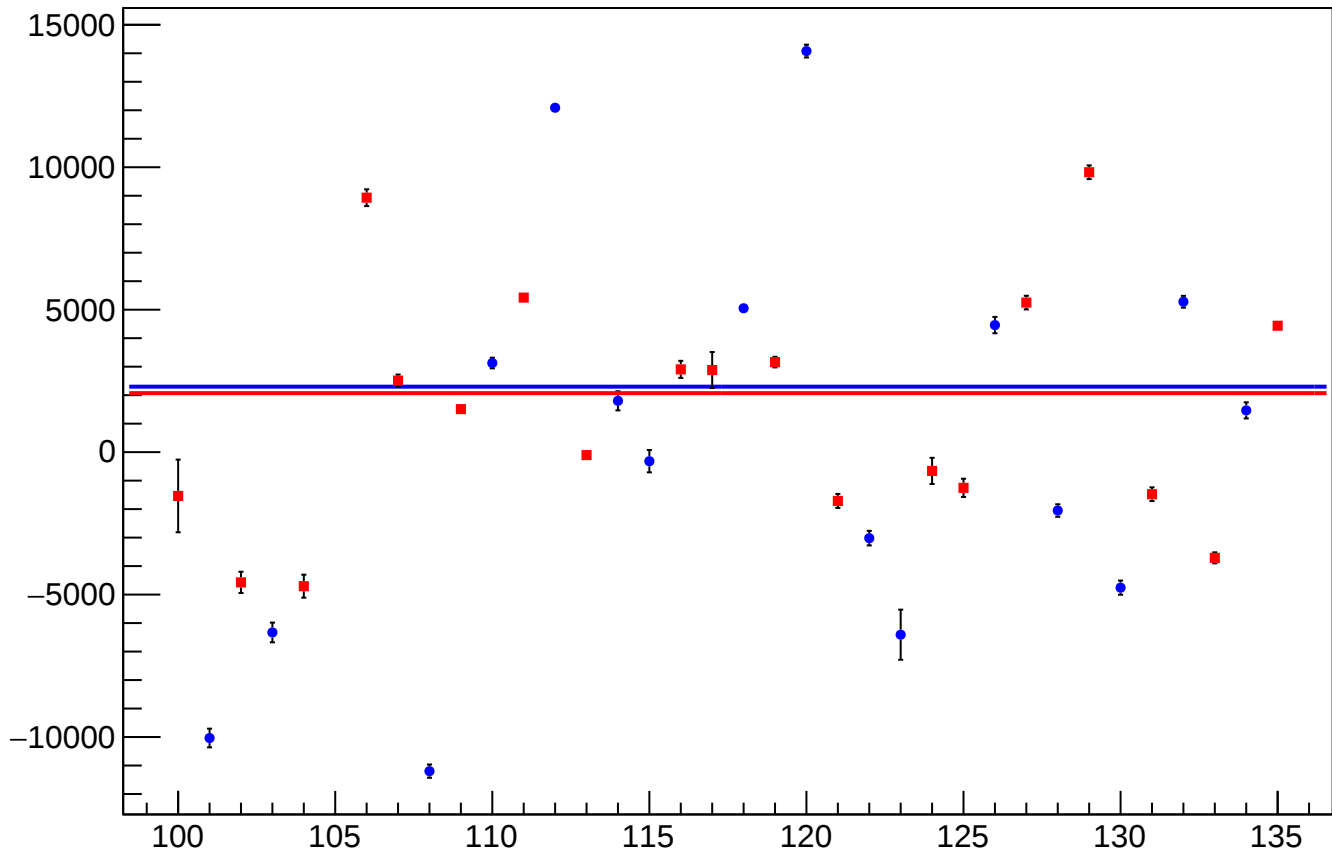
Right Out: 111.546 $\pm$ 0.032 χ^2 /NDF: 765550.5/18

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

113.337 $\pm$ 0.035 χ^2 /NDF: 679389.5/15

111.546 $\pm$ 0.032 χ^2 /NDF: 765550.5/18

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

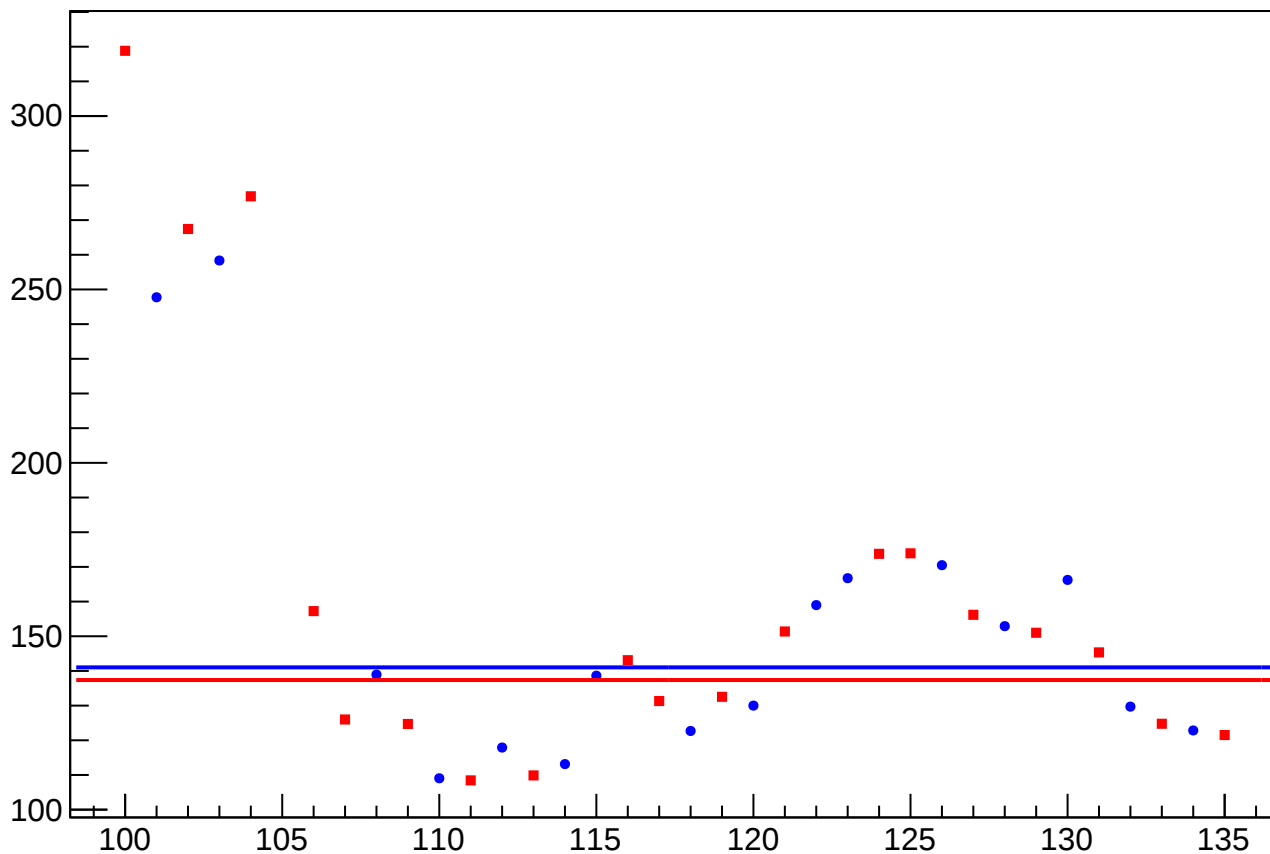
Right Out: 2070.567+/-54.666 χ^2/NDF : 4644.3/18

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

2297.930+/-61.228 χ^2/NDF : 13555.7/15

2070.567+/-54.666 χ^2/NDF : 4644.3/18

asym_bpm0i01WS_rms vs Slug



Right In: 141.030+/-0.043 χ^2/NDF : 648510.5/15

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

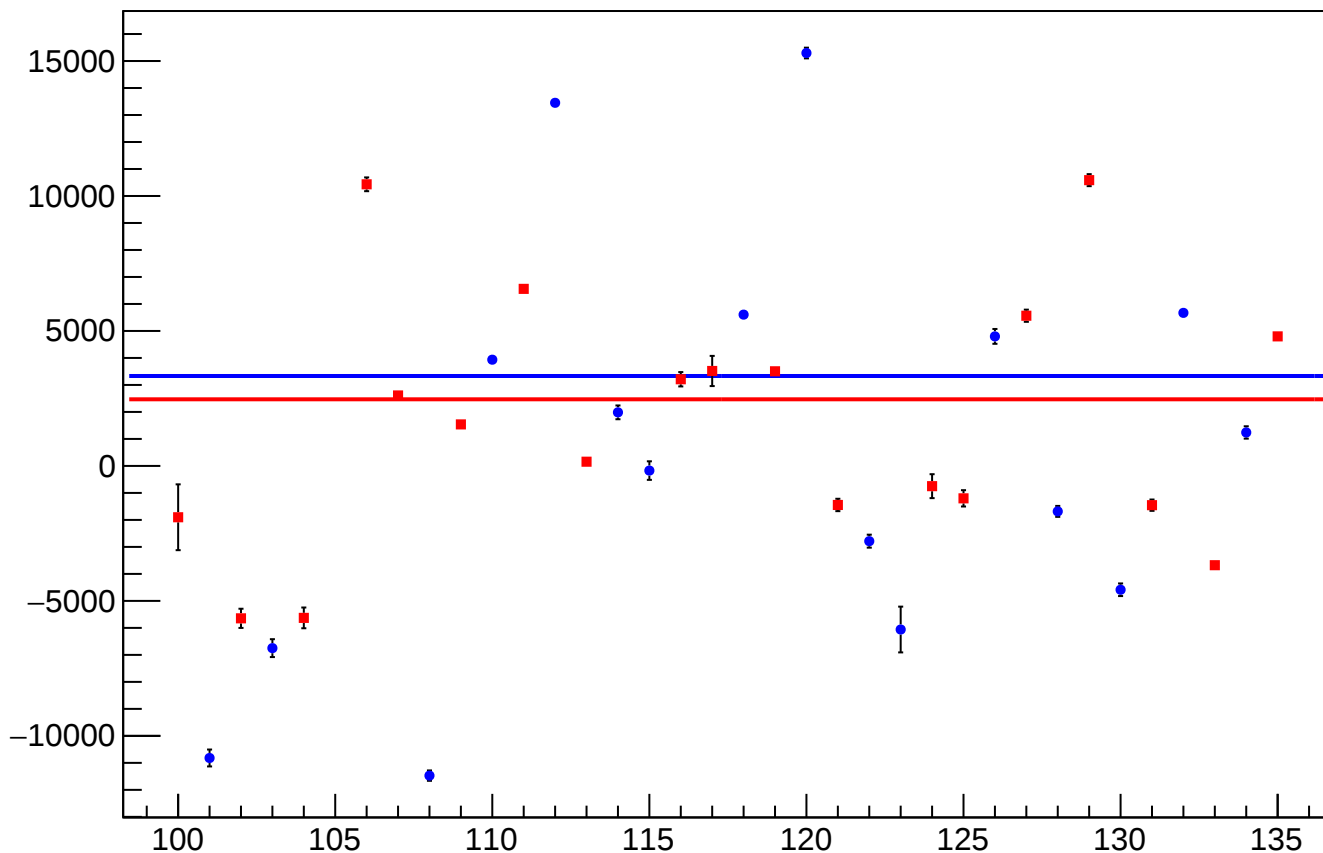
Right Out: 137.377+/-0.039 χ^2/NDF : 753124.0/18

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

141.030+/-0.043 χ^2/NDF : 648510.5/15

137.377+/-0.039 χ^2/NDF : 753124.0/18

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

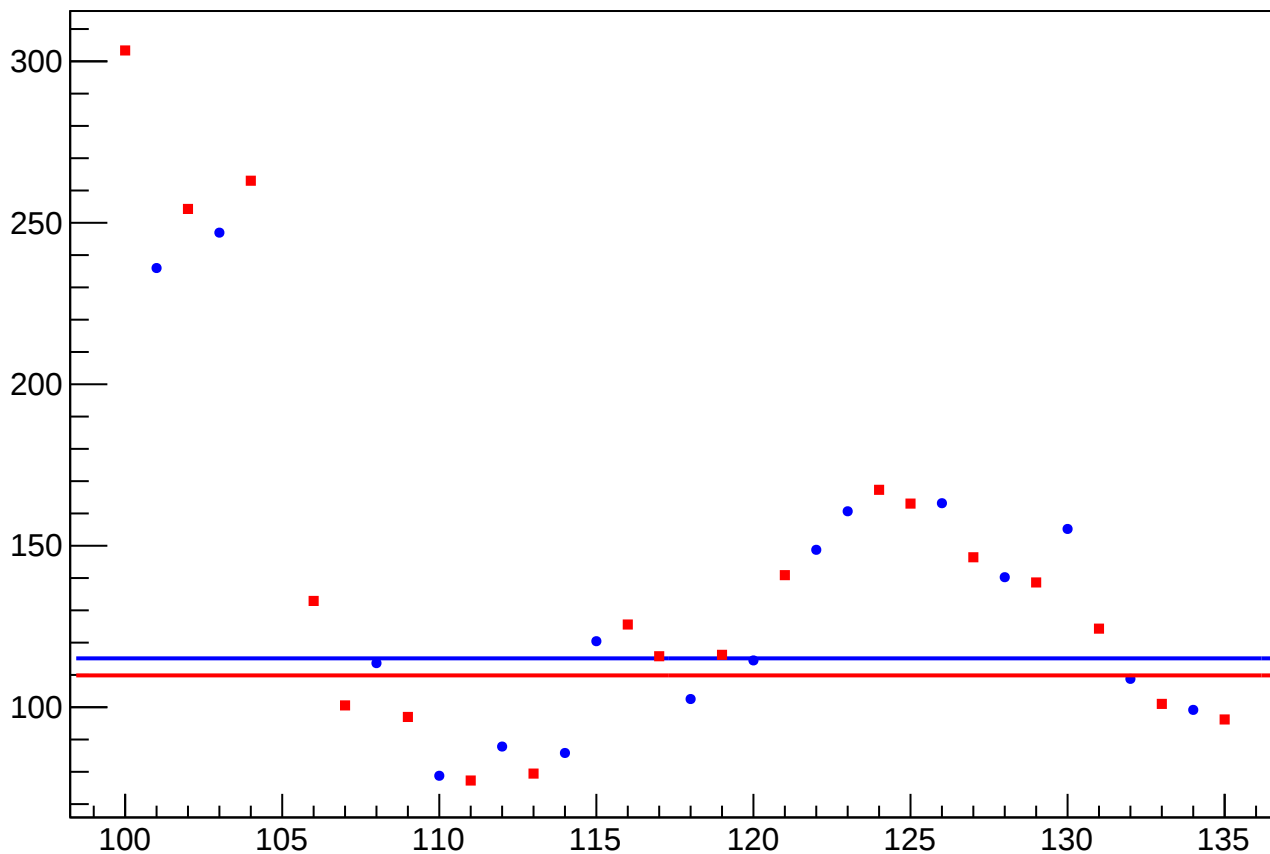
Right Out: 2468.039+/-44.972 χ^2/NDF : 7675.2/18

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

3331.558+/-51.352 χ^2/NDF : 21574.2/15

2468.039+/-44.972 χ^2/NDF : 7675.2/18

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

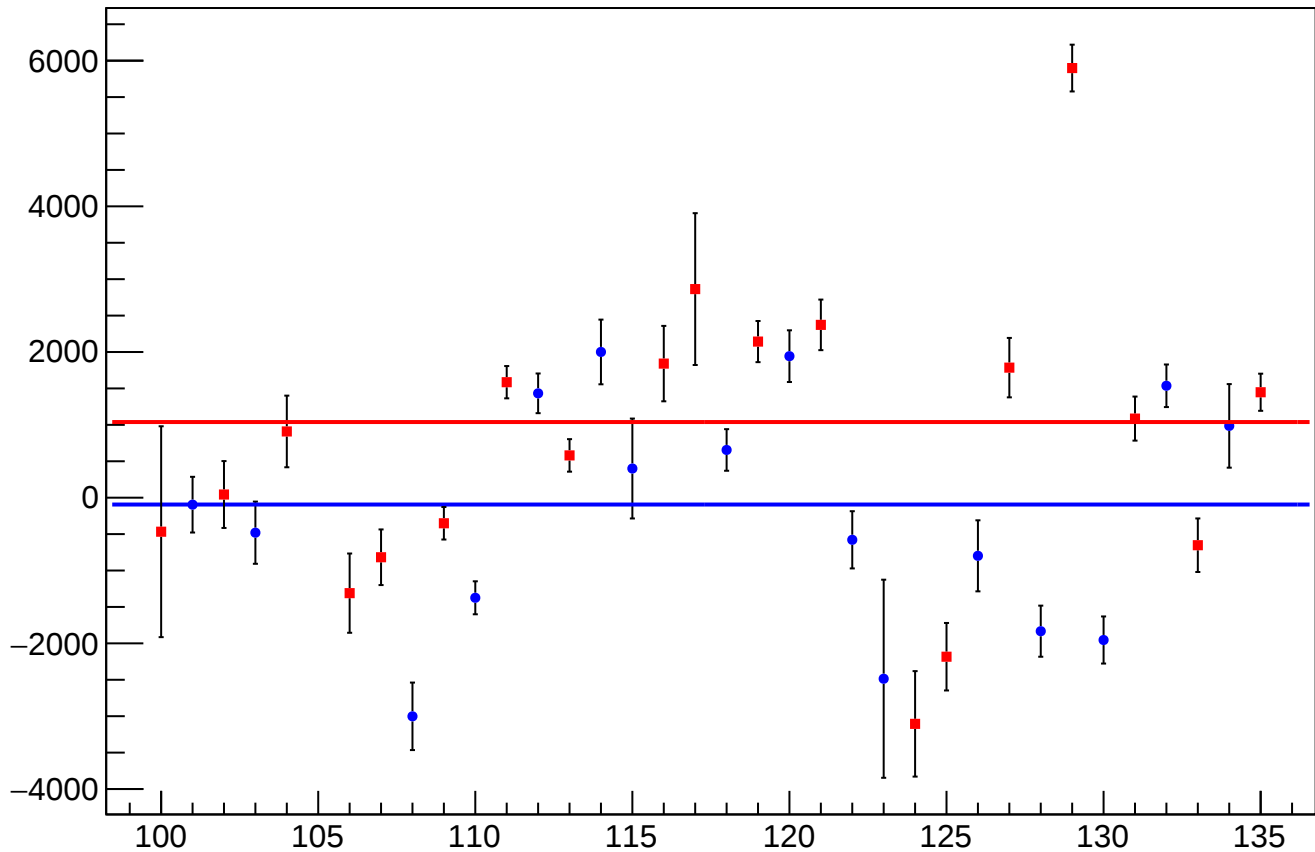
Right Out: 109.852+/-0.032 χ^2/NDF : 1266505.8/18

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

115.131+/-0.036 χ^2/NDF : 1090090.9/15

109.852+/-0.032 χ^2/NDF : 1266505.8/18

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

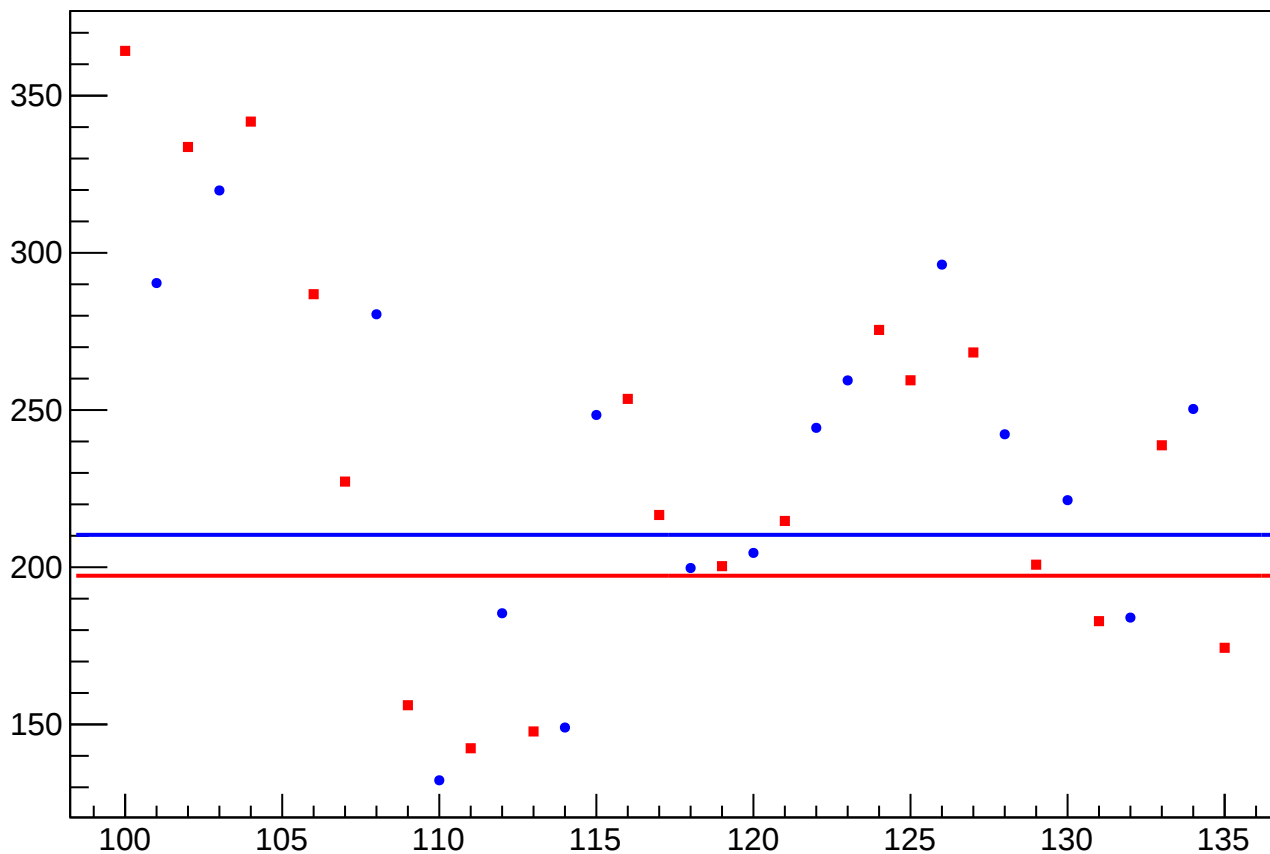
Right Out: 1038.545+/-78.673 χ^2 /NDF: 470.0/18

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

-93.991+/-90.909 χ^2 /NDF: 265.1/15

1038.545+/-78.673 χ^2 /NDF: 470.0/18

asym_bpm0l01WS_rms vs Slug



Right In: 210.300+/-0.064 χ^2/NDF : 691943.3/15

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

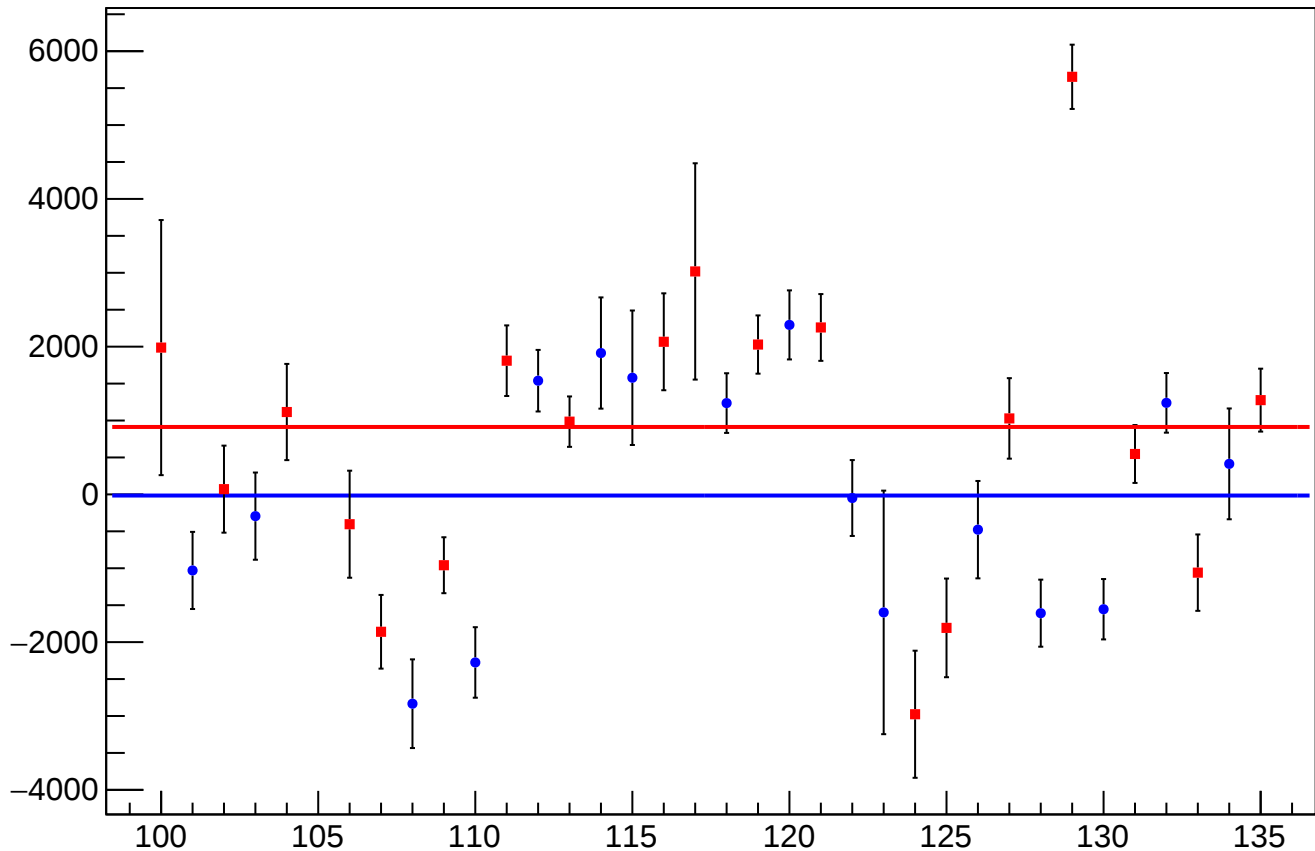
Right Out: 197.296+/-0.056 χ^2/NDF : 927288.7/18

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

210.300+/-0.064 χ^2/NDF : 691943.3/15

197.296+/-0.056 χ^2/NDF : 927288.7/18

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

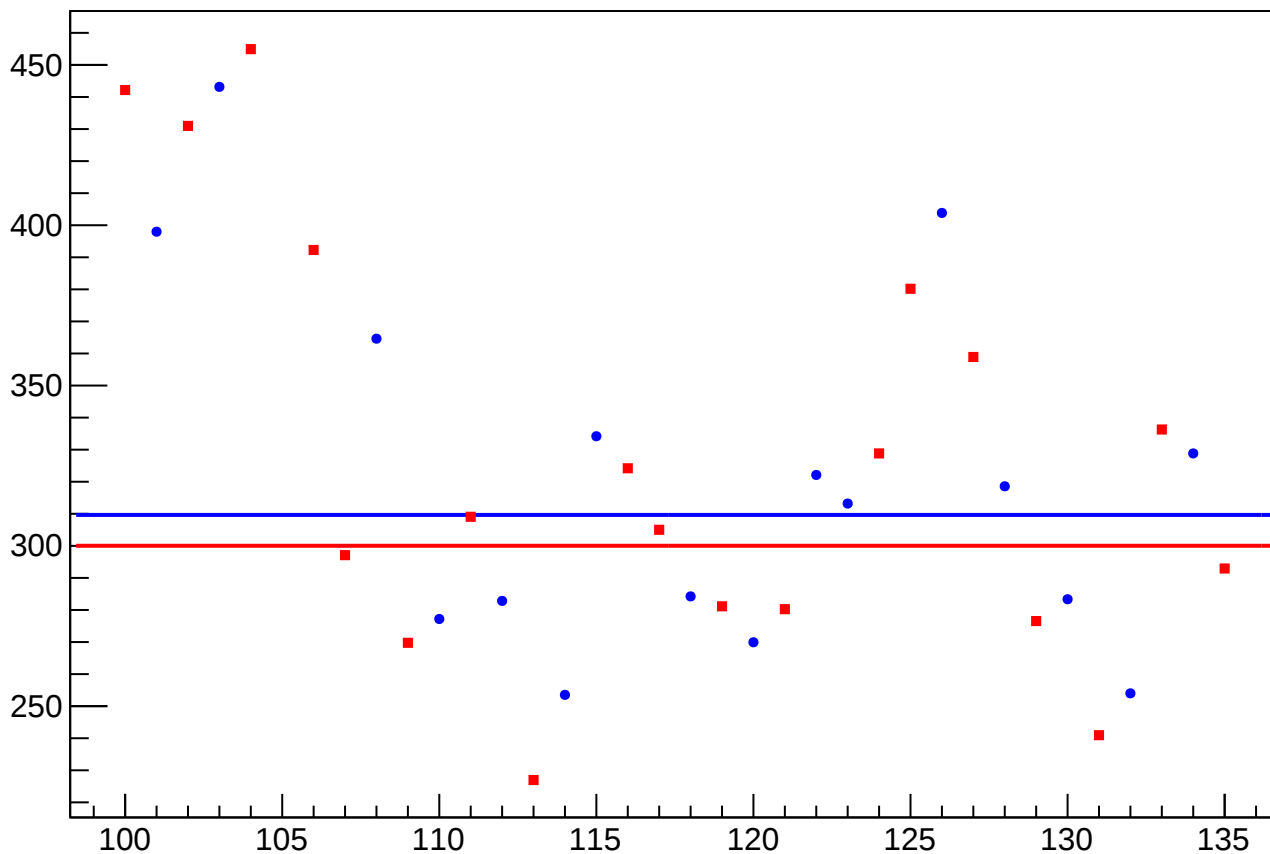
Right Out: 912.890+/-116.591 χ^2/NDF : 258.7/18

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

-15.514+/-130.915 χ^2/NDF : 143.9/15

912.890+/-116.591 χ^2/NDF : 258.7/18

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

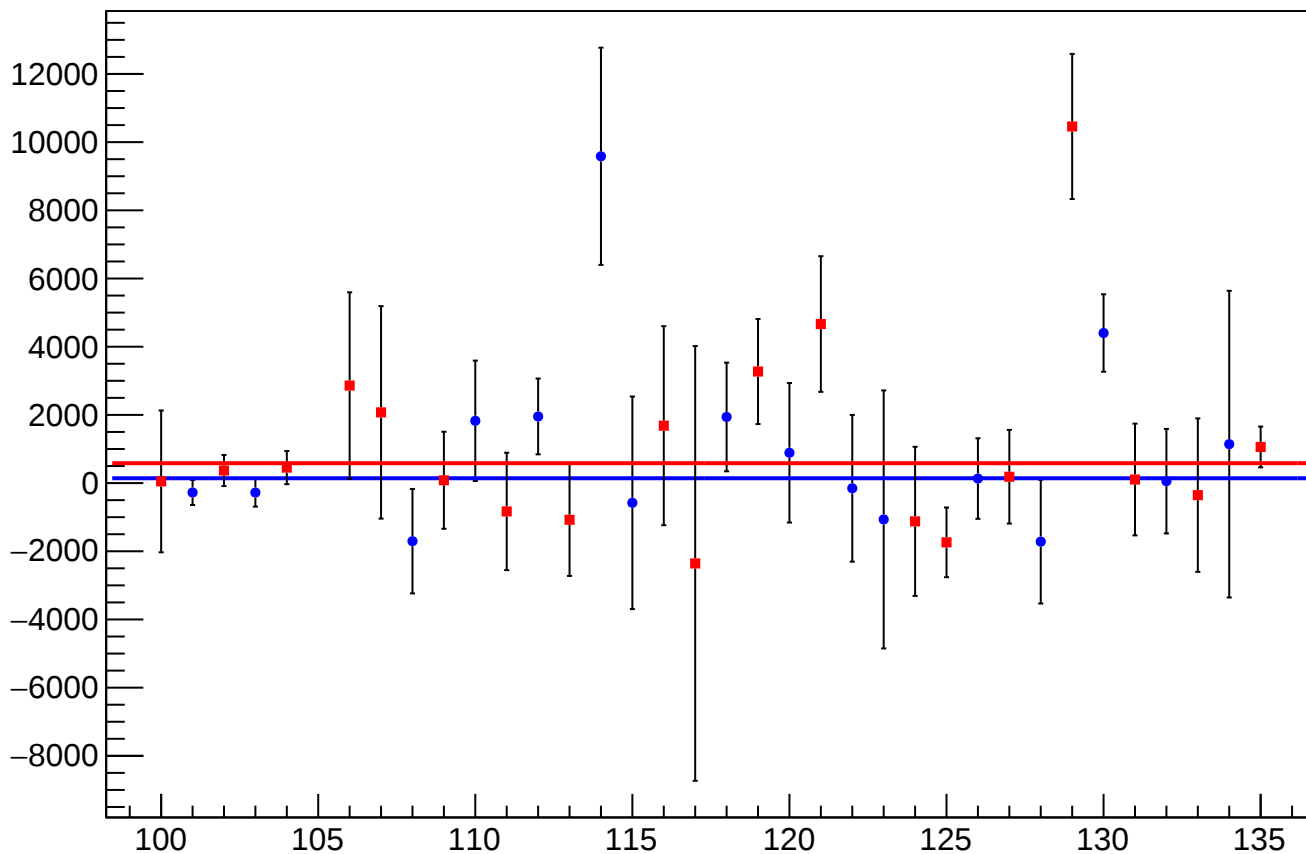
Right Out: 300.026+/-0.082 χ^2/NDF : 490392.0/18

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

309.650+/-0.093 χ^2/NDF : 319158.7/15

300.026+/-0.082 χ^2/NDF : 490392.0/18

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

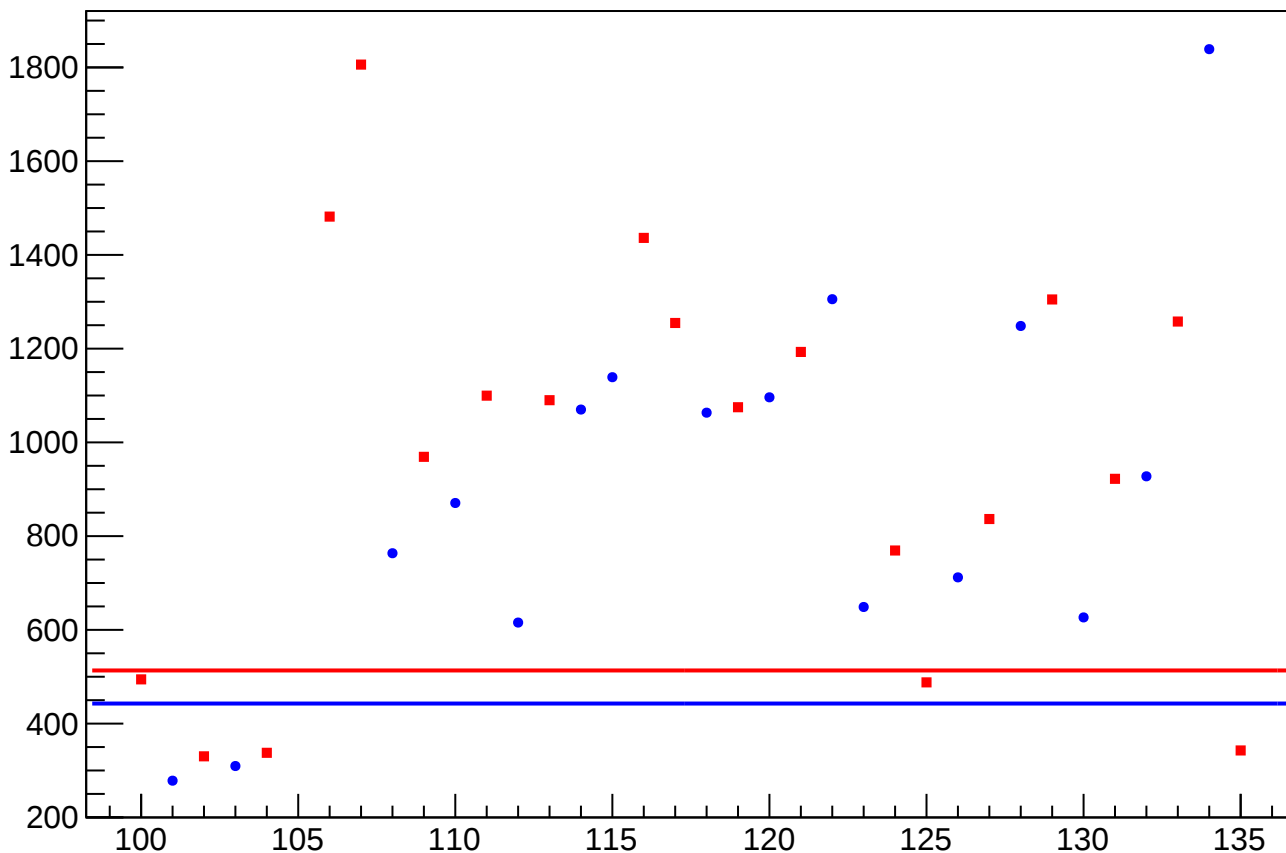
Right Out: 583.478+/-243.887 χ^2/NDF : 39.0/18

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

141.945+/-234.200 χ^2/NDF : 32.9/15

583.478+/-243.887 χ^2/NDF : 39.0/18

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

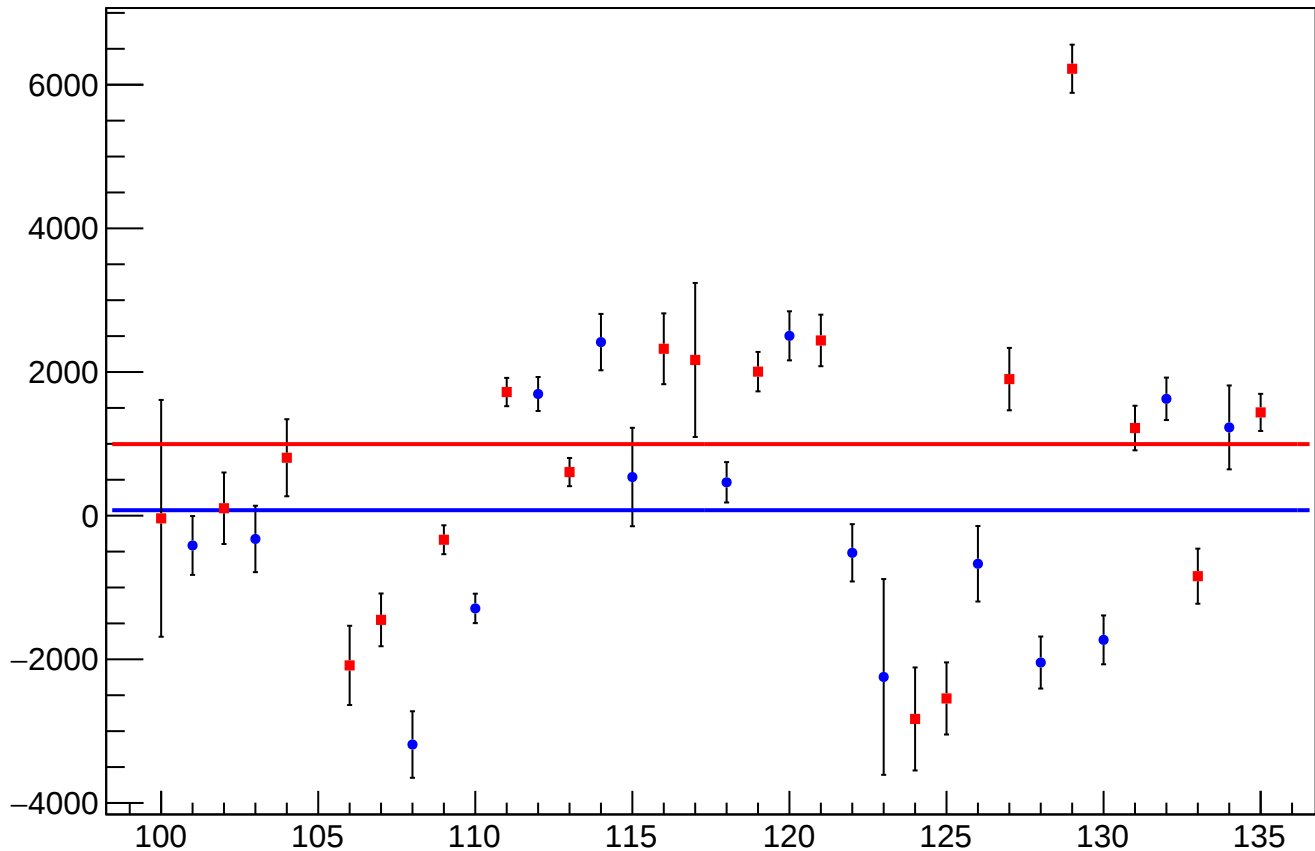
Right Out: 513.393+/-0.172 χ^2/NDF : 3509824.7/18

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

442.814+/-0.166 χ^2/NDF : 2818993.4/15

513.393+/-0.172 χ^2/NDF : 3509824.7/18

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

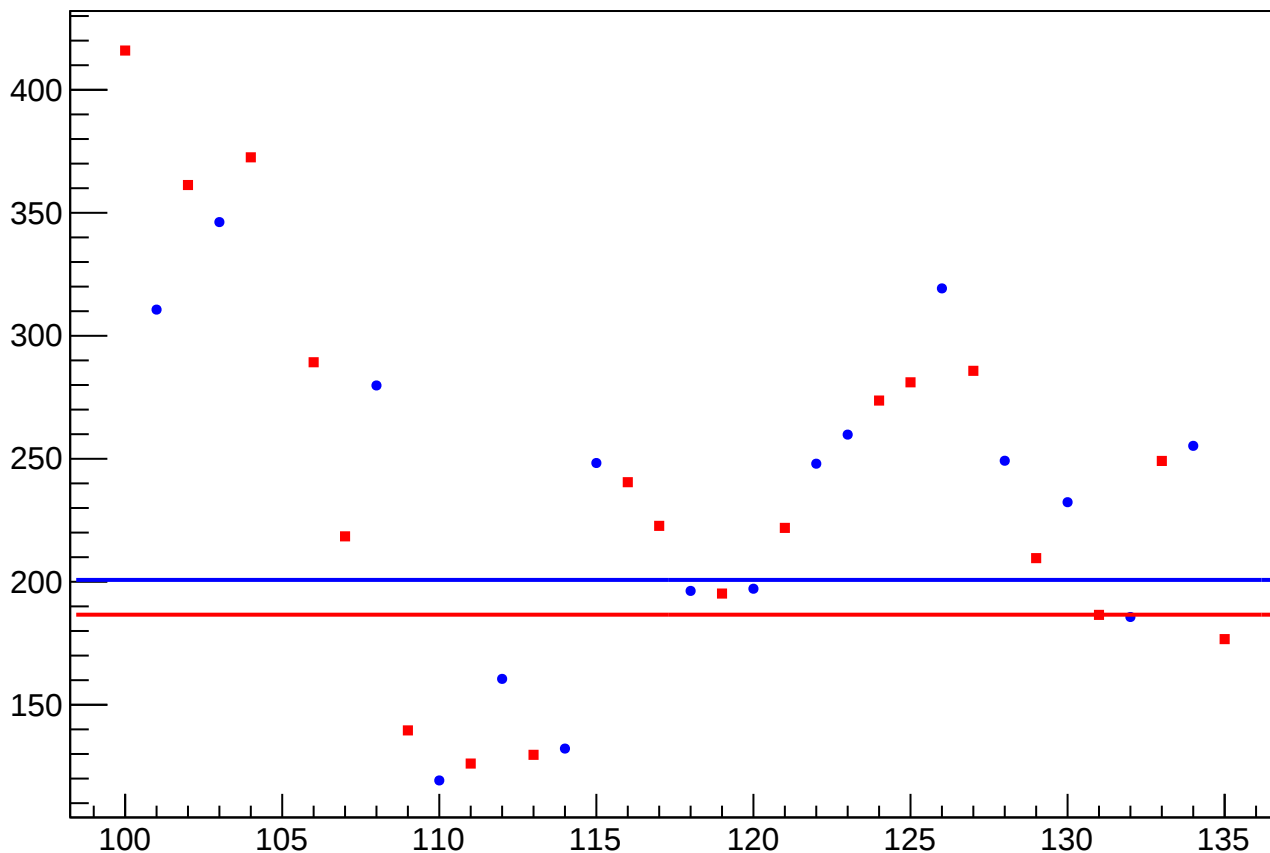
Right Out: 996.165 +/- 75.965 χ^2/NDF : 530.6/18

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

76.099 +/- 88.410 χ^2/NDF : 332.6/15

996.165 +/- 75.965 χ^2/NDF : 530.6/18

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

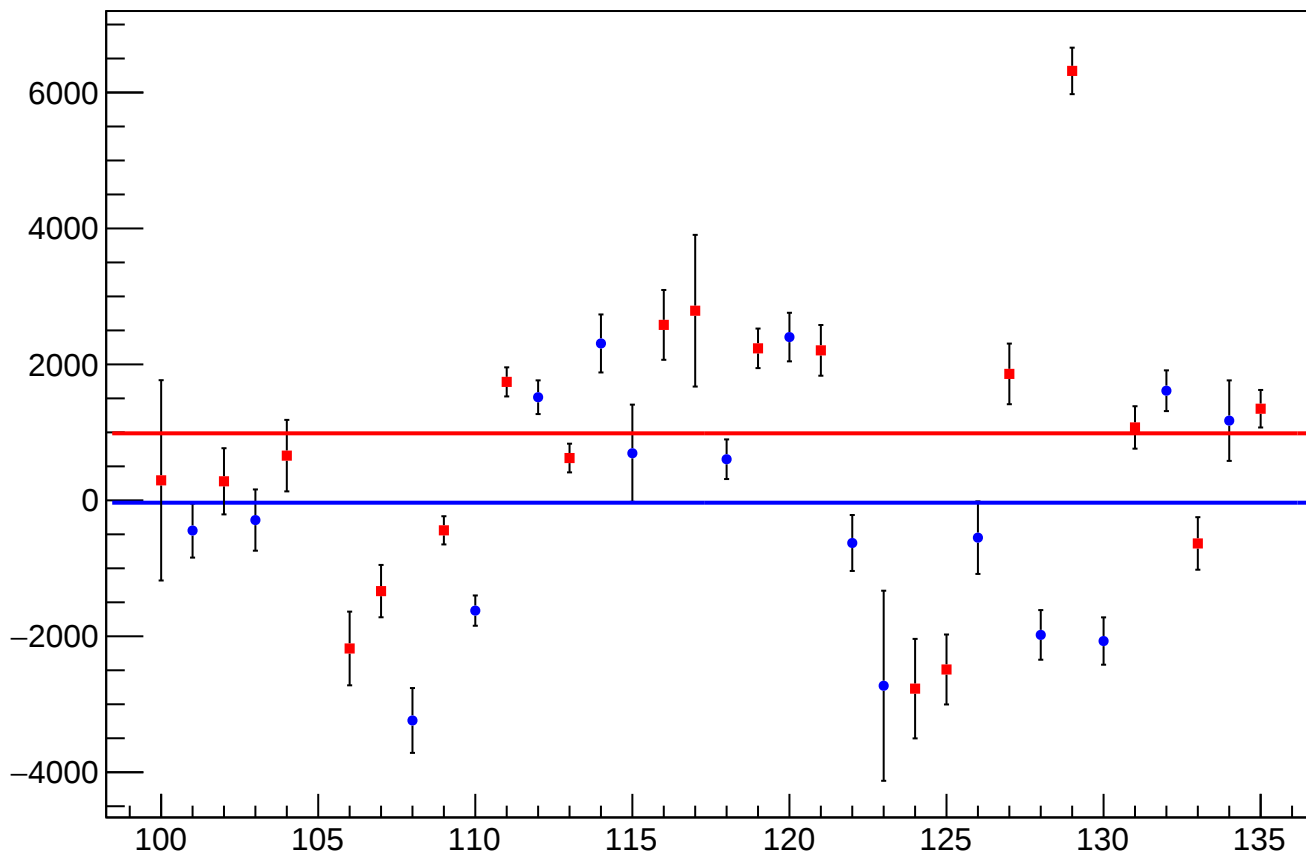
Right Out: 186.625 $\pm$ 0.054 χ^2 /NDF: 1393821.1/18

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

200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

186.625 $\pm$ 0.054 χ^2 /NDF: 1393821.1/18

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

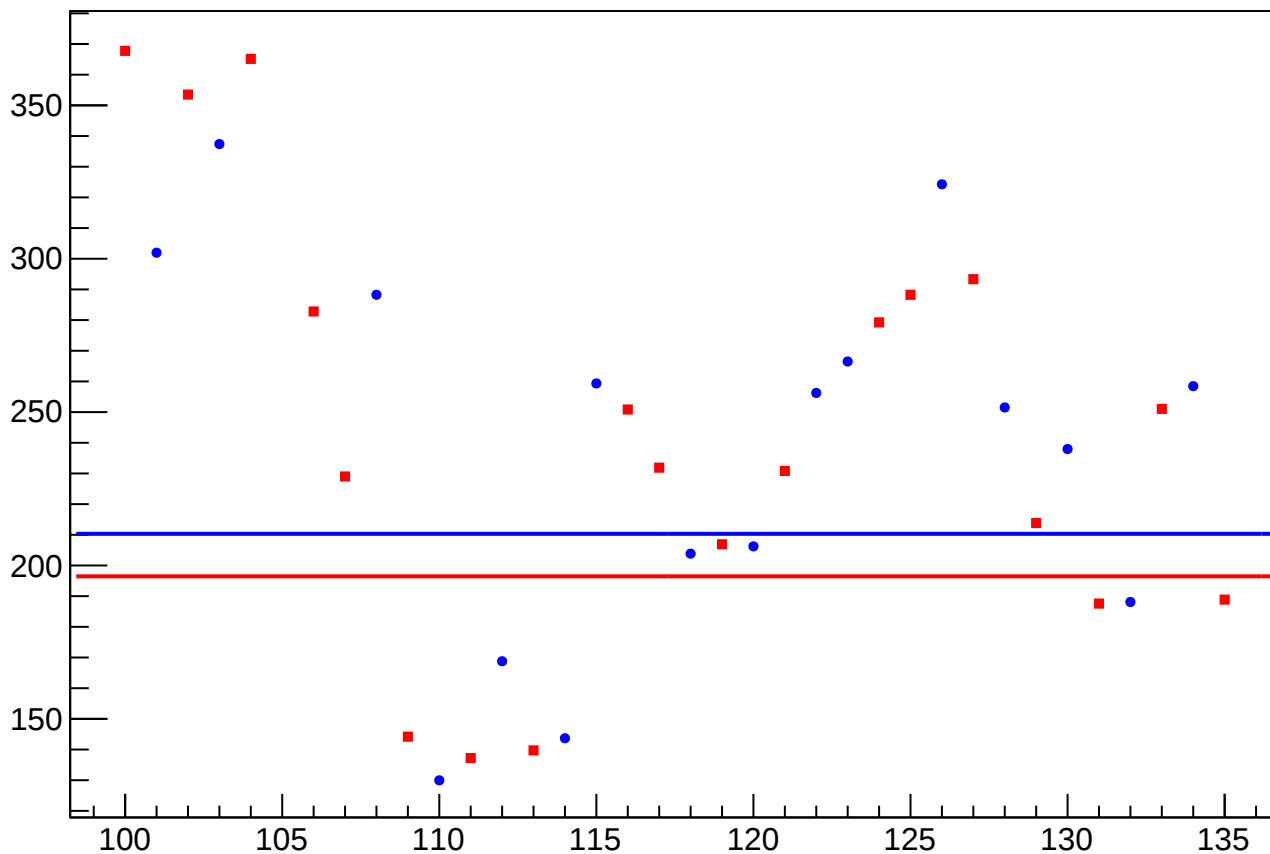
Right Out: 986.000+/-79.340 χ^2 /NDF: 515.8/18

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

-34.655+/-91.770 χ^2 /NDF: 322.5/15

986.000+/-79.340 χ^2 /NDF: 515.8/18

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

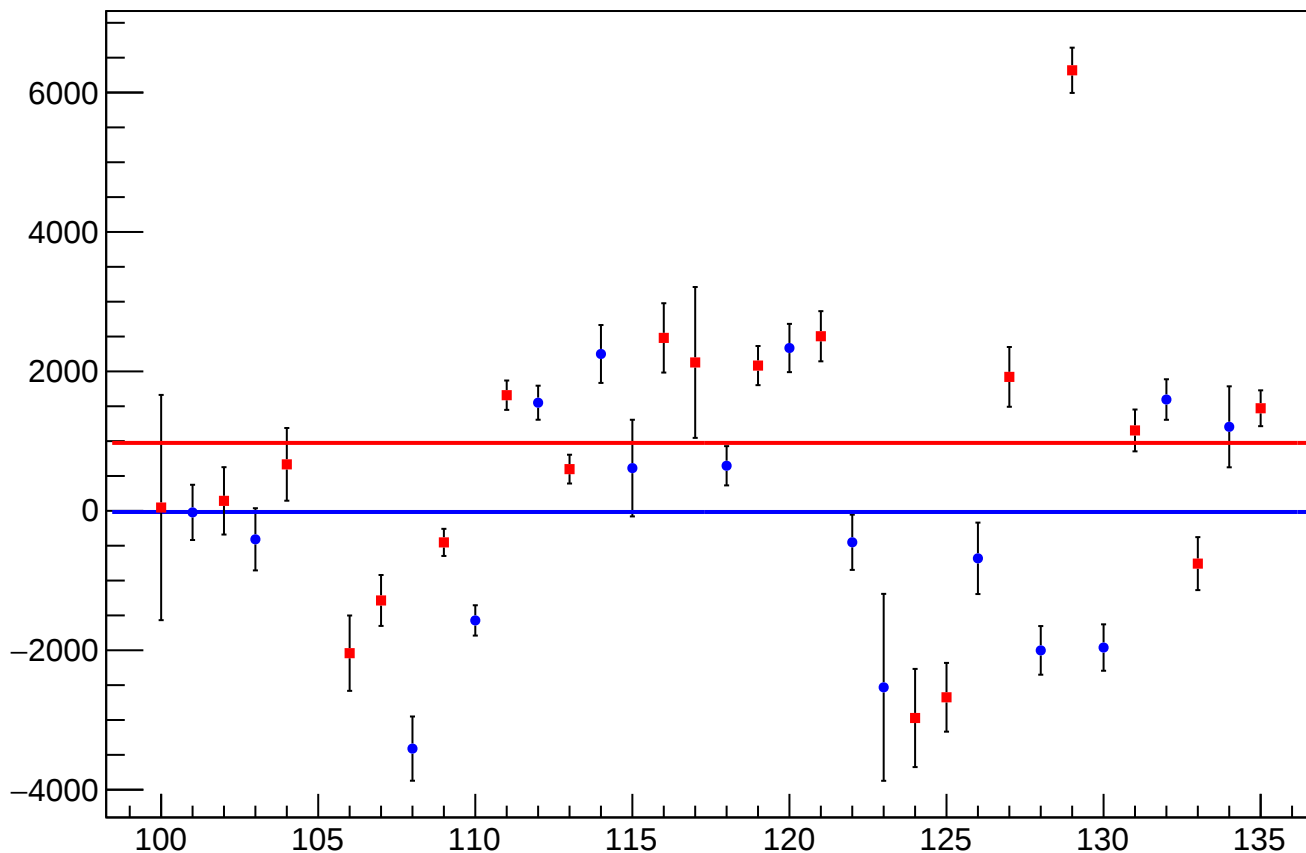
Right Out: 196.471+/-0.056 χ^2/NDF : 1206471.4/18

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

210.324+/-0.065 χ^2/NDF : 875603.1/15

196.471+/-0.056 χ^2/NDF : 1206471.4/18

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

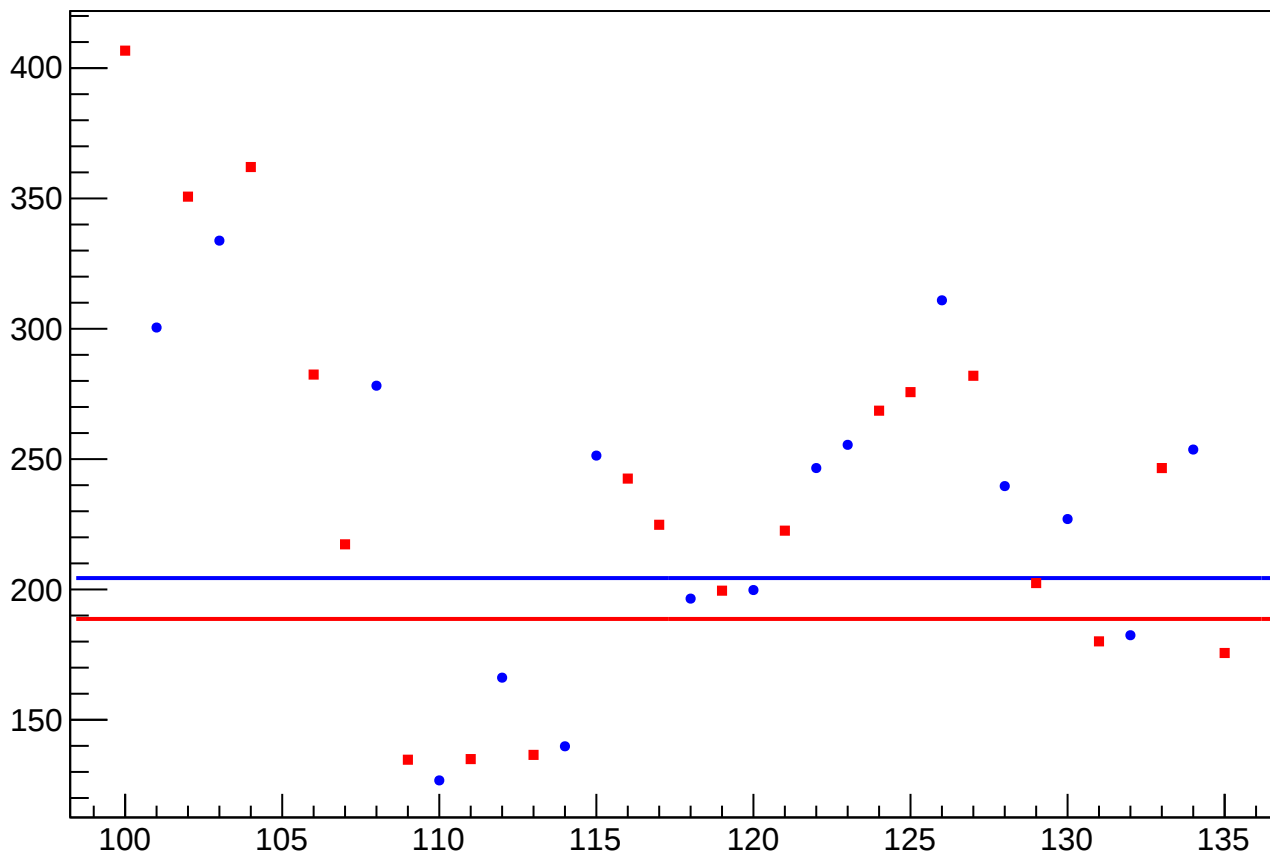
Right Out: 974.325+/-76.407 χ^2 /NDF: 571.9/18

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

-16.371+/-89.216 χ^2 /NDF: 337.8/15

974.325+/-76.407 χ^2 /NDF: 571.9/18

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

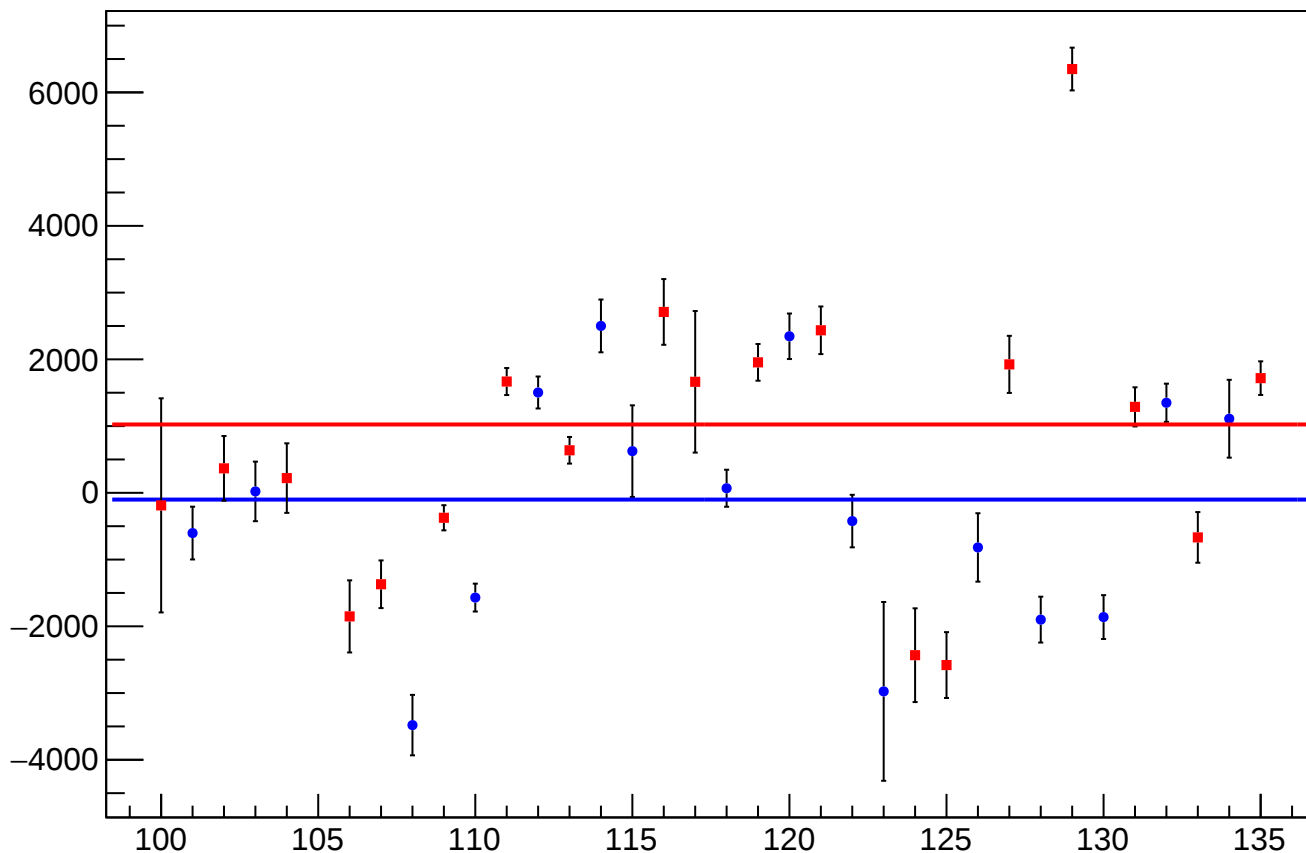
Right Out: 188.687+/-0.054 χ^2/NDF : 1252983.4/18

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

204.367+/-0.063 χ^2/NDF : 868242.4/15

188.687+/-0.054 χ^2/NDF : 1252983.4/18

asym_bpm0l07WS_mean vs Slug



Right In: -101.040 $\pm$ 87.536 χ^2 /NDF: 341.3/15

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

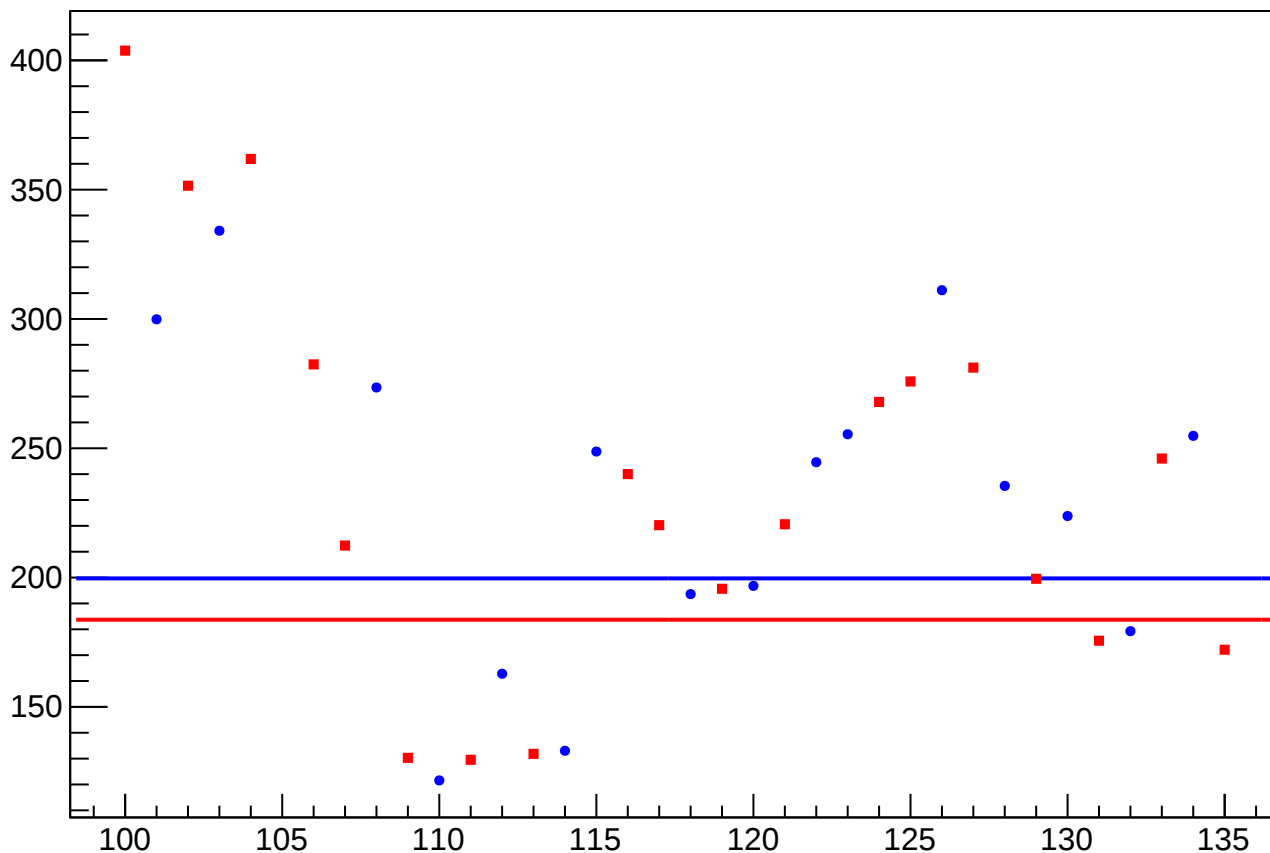
Right Out: 1024.246 $\pm$ 74.737 χ^2 /NDF: 573.0/18

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

-101.040 $\pm$ 87.536 χ^2 /NDF: 341.3/15

1024.246 $\pm$ 74.737 χ^2 /NDF: 573.0/18

asym_bpm0l07WS_rms vs Slug



Right In: 199.683 $\pm$ 0.062 χ^2 /NDF: 943154.7/15

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

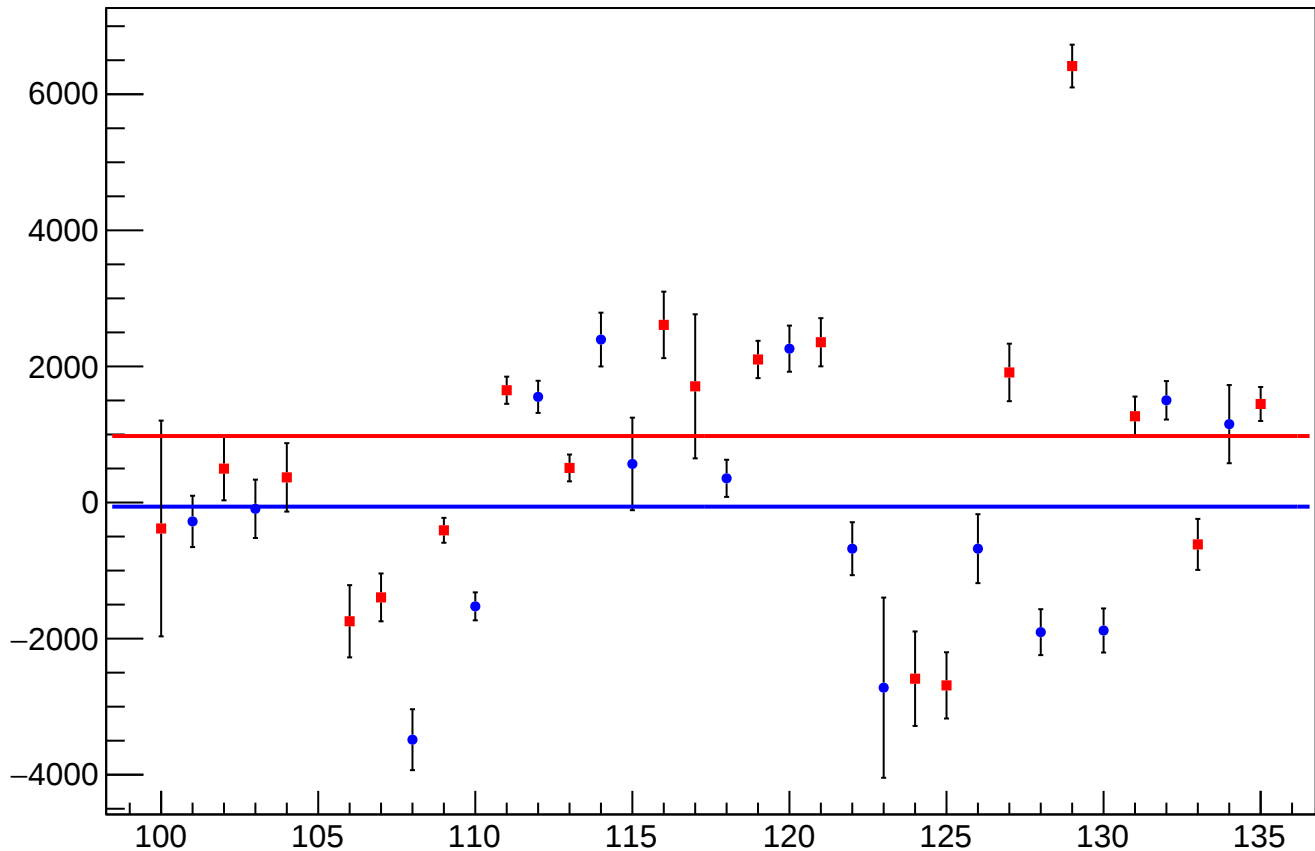
199.683 $\pm$ 0.062 χ^2 /NDF: 943154.7/15

Right Out: 183.710 $\pm$ 0.053 χ^2 /NDF: 1350989.4/18

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

183.710 $\pm$ 0.053 χ^2 /NDF: 1350989.4/18

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

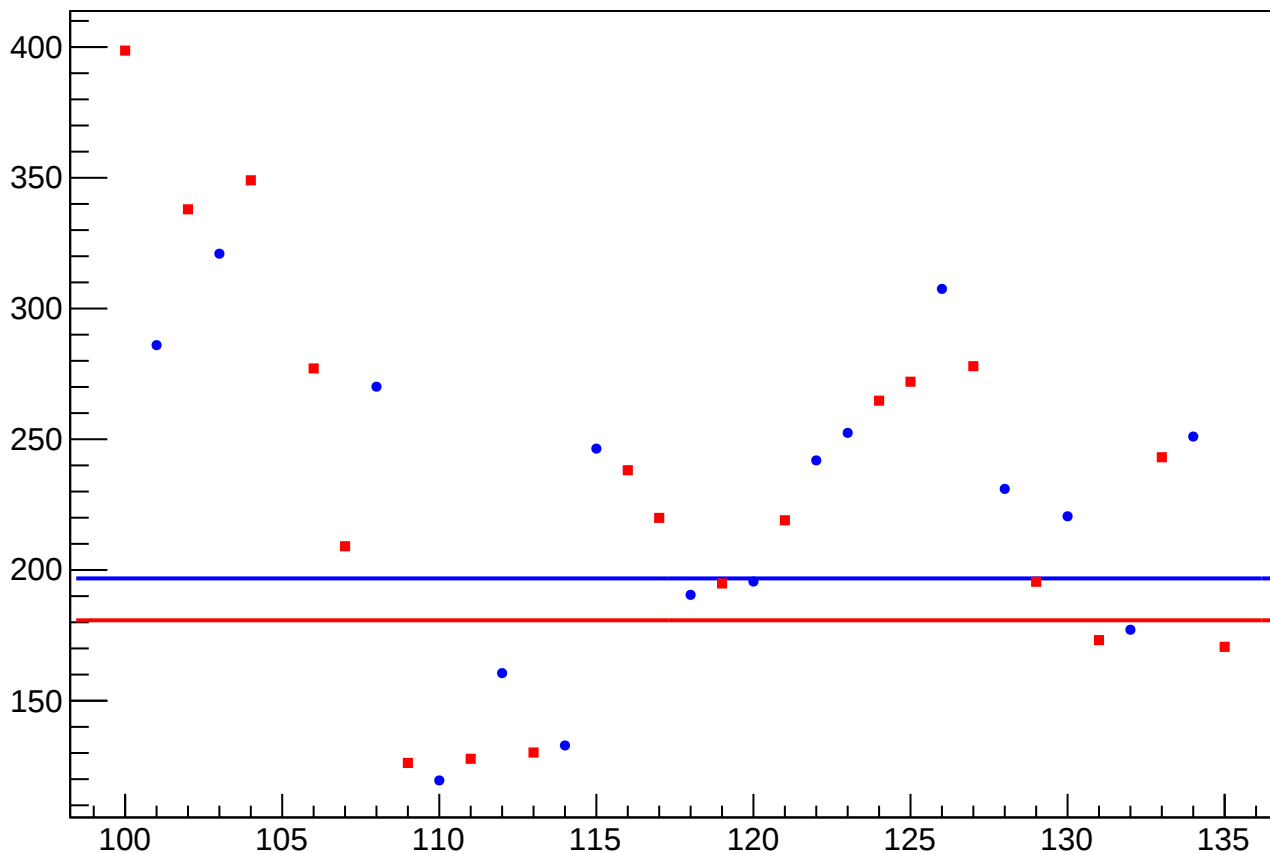
Right Out: 977.170 ± 73.563 χ^2/NDF : 603.2/18

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

-60.571 ± 86.165 χ^2/NDF : 349.7/15

977.170 ± 73.563 χ^2/NDF : 603.2/18

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

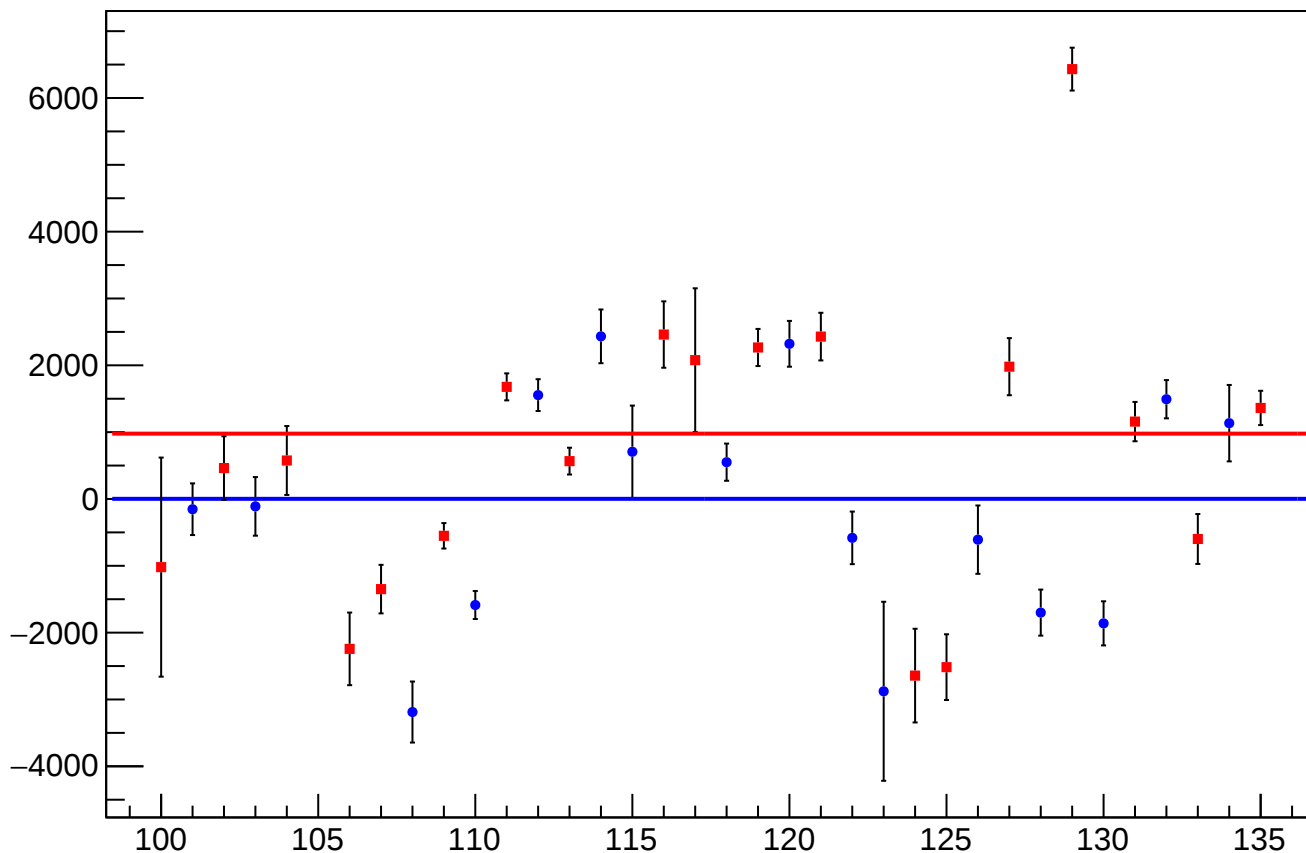
196.777 $\pm$ 0.061 χ^2 /NDF: 911812.1/15

Right Out: 180.756 $\pm$ 0.052 χ^2 /NDF: 1346840.5/18

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

180.756 $\pm$ 0.052 χ^2 /NDF: 1346840.5/18

asym_bpm0l09WS_mean vs Slug



Right In: 2.212+/-87.500 χ^2 /NDF: 332.2/15

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

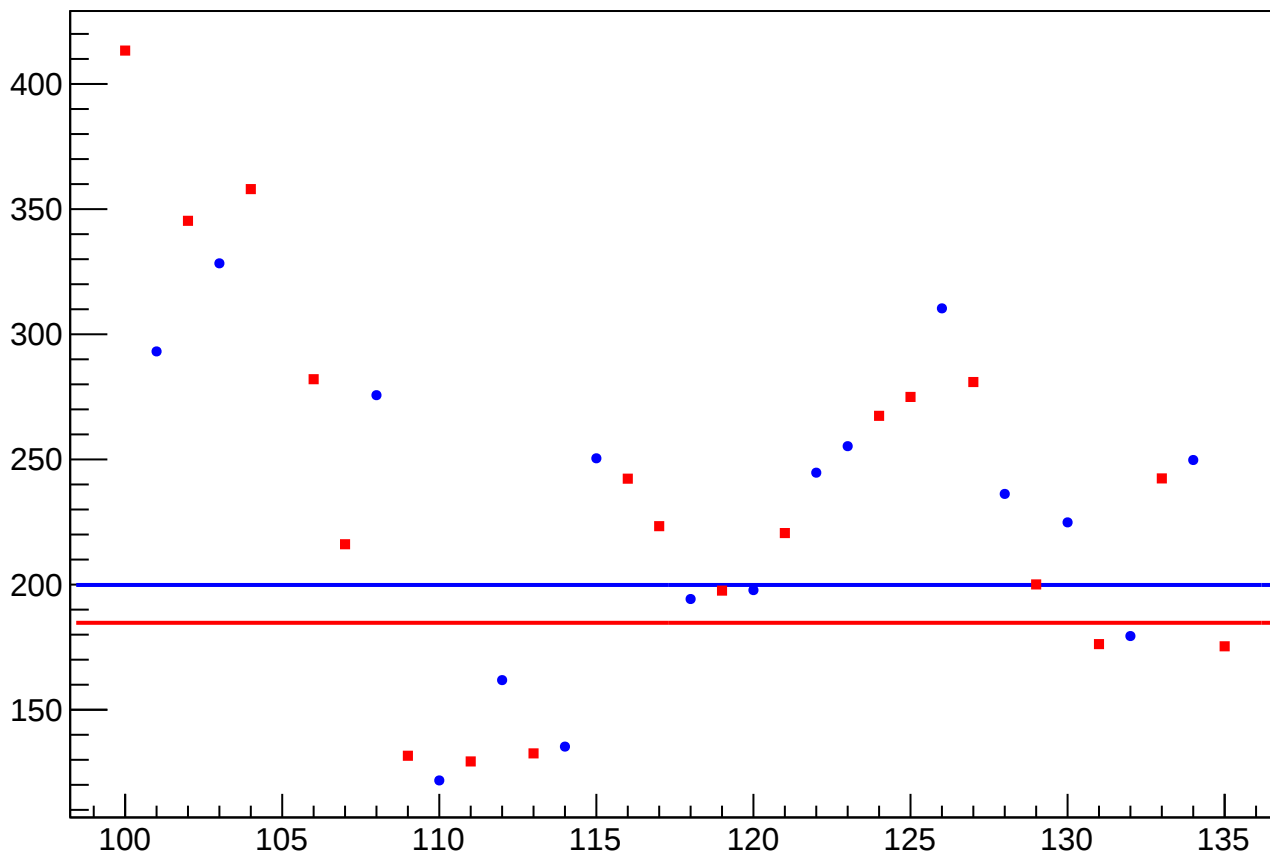
Right Out: 977.637+/-75.068 χ^2 /NDF: 600.0/18

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

2.212+/-87.500 χ^2 /NDF: 332.2/15

977.637+/-75.068 χ^2 /NDF: 600.0/18

asym_bpm0l09WS_rms vs Slug



Right In: 199.854 $\pm$ 0.062 χ^2 /NDF: 918211.3/15

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

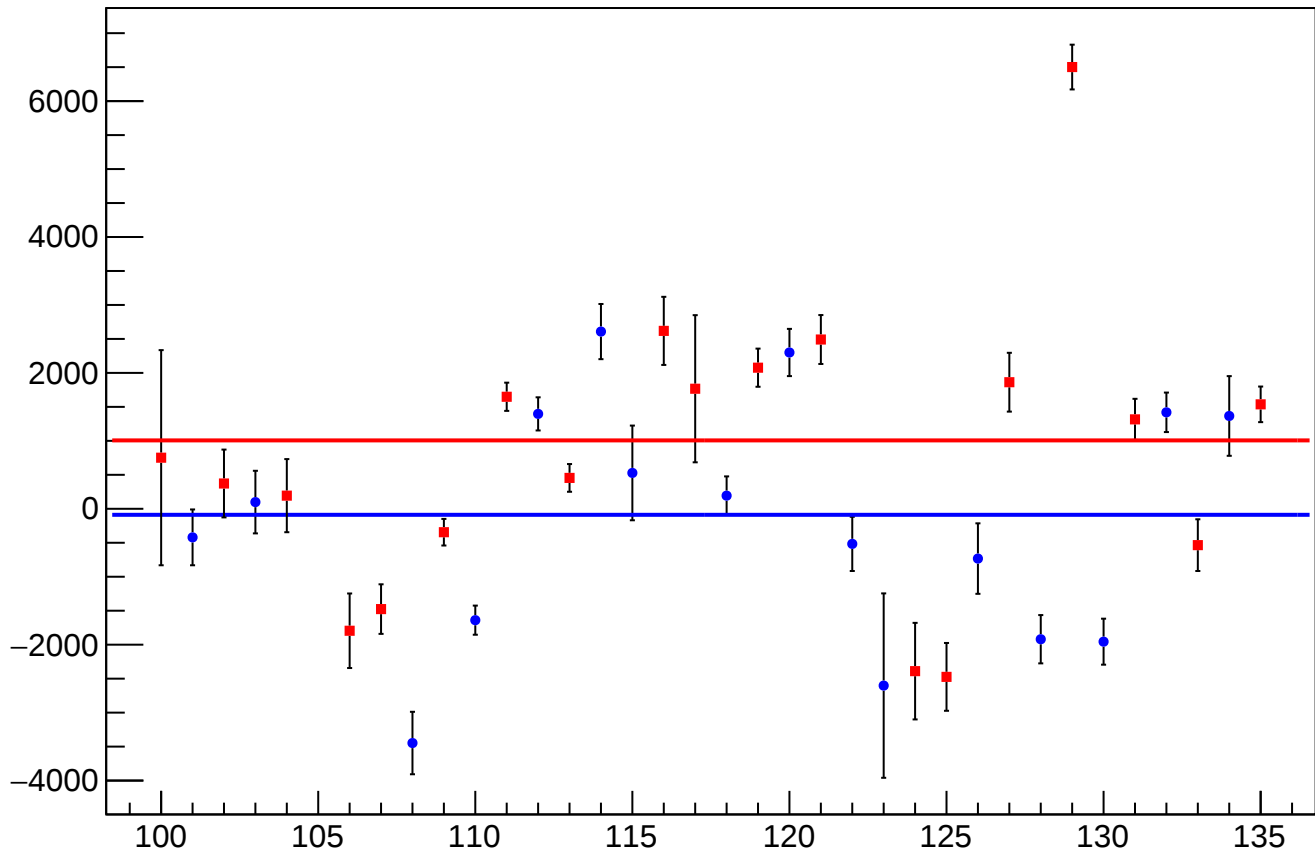
199.854 $\pm$ 0.062 χ^2 /NDF: 918211.3/15

Right Out: 184.737 $\pm$ 0.053 χ^2 /NDF: 1319997.2/18

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

184.737 $\pm$ 0.053 χ^2 /NDF: 1319997.2/18

asym_bpm0l10WS_mean vs Slug



Right In: -88.632+/-89.544 χ^2 /NDF: 332.9/15

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

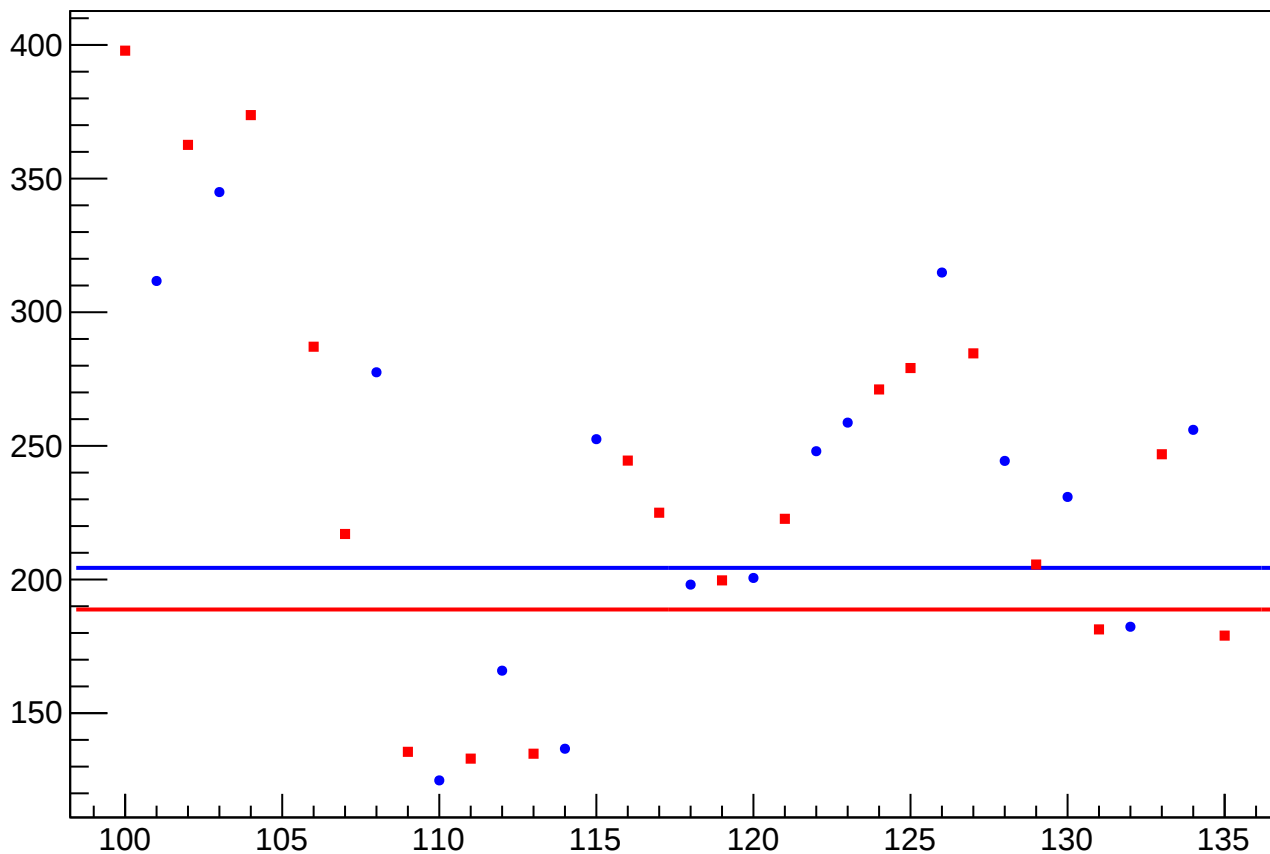
Right Out: 1006.588+/-76.641 χ^2 /NDF: 558.5/18

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

-88.632+/-89.544 χ^2 /NDF: 332.9/15

1006.588+/-76.641 χ^2 /NDF: 558.5/18

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

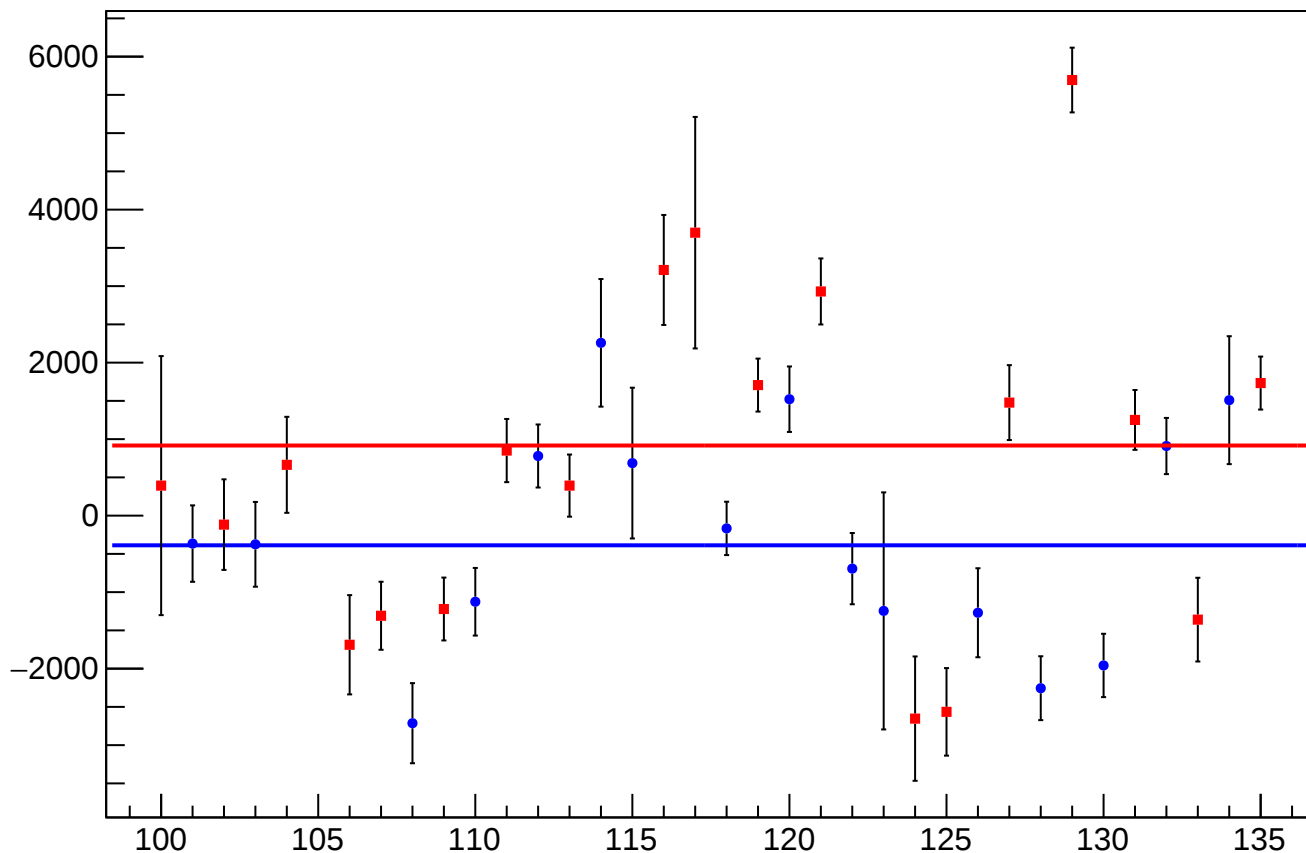
204.355+/-0.063 χ^2/NDF : 947379.8/15

Right Out: 188.783+/-0.054 χ^2/NDF : 1316552.5/18

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

188.783+/-0.054 χ^2/NDF : 1316552.5/18

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

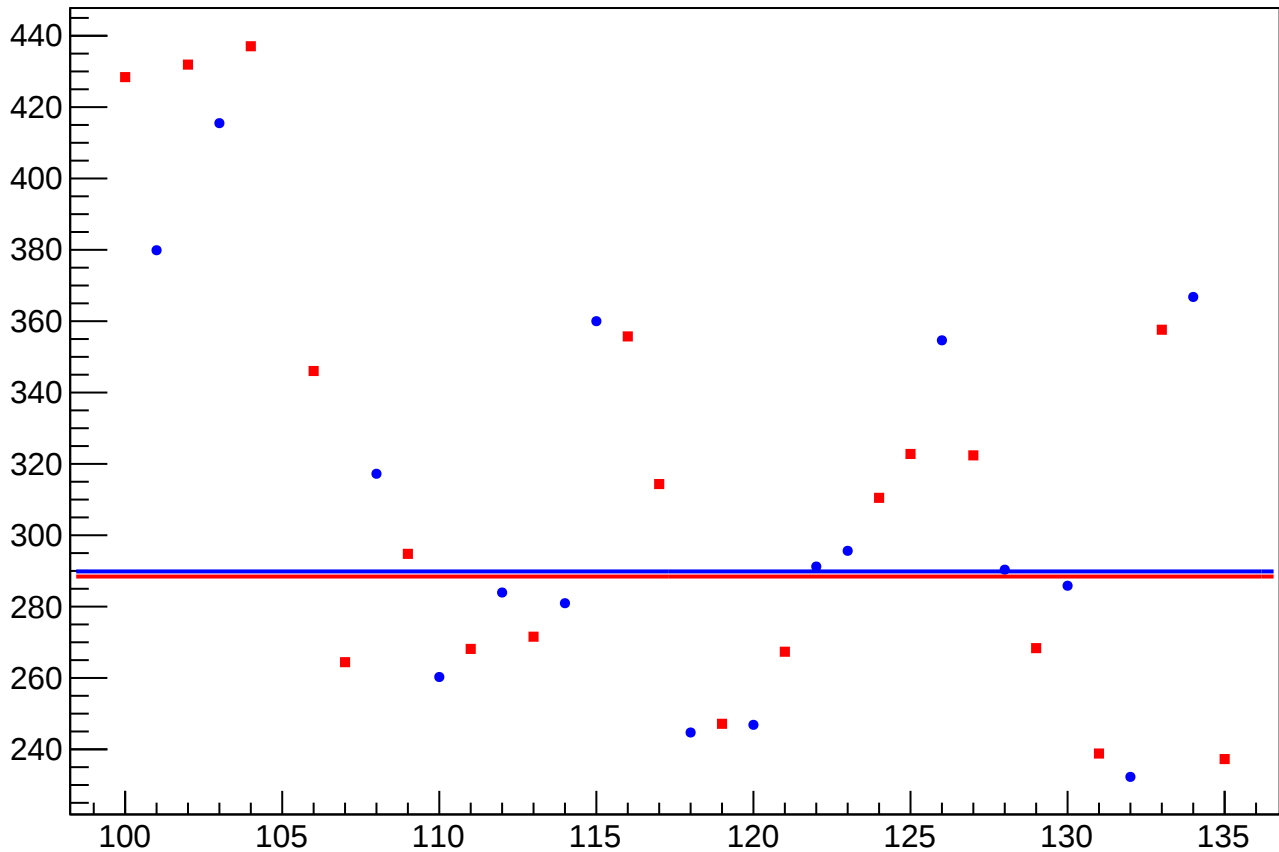
Right Out: 916.661+/-112.052 χ^2/NDF : 322.5/18

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

-387.841+/-122.655 χ^2/NDF : 117.2/15

916.661+/-112.052 χ^2/NDF : 322.5/18

asym_bpm0r03WS_rms vs Slug



Right In: 289.858+/-0.087 χ^2/NDF : 337834.5/15

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

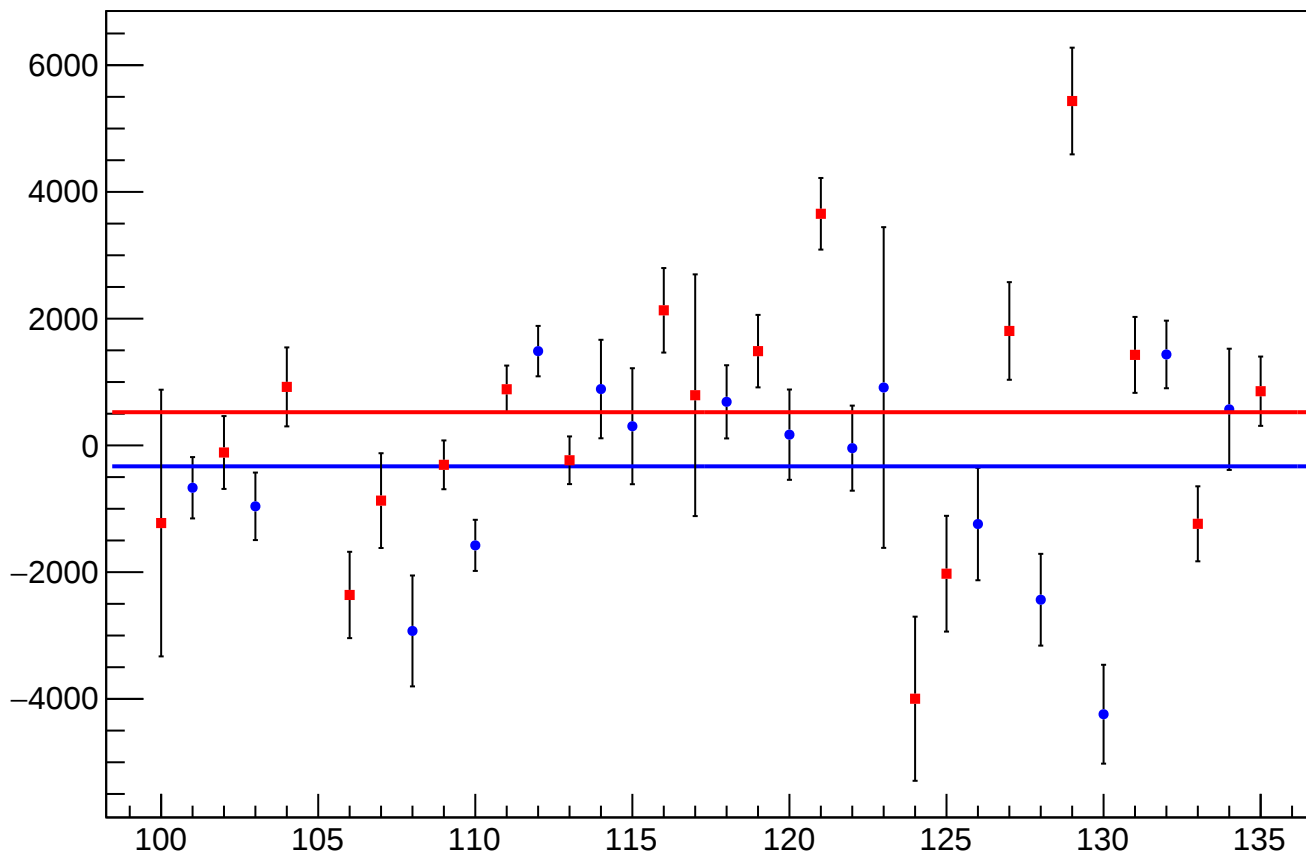
Right Out: 288.429+/-0.079 χ^2/NDF : 455664.1/18

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

289.858+/-0.087 χ^2/NDF : 337834.5/15

288.429+/-0.079 χ^2/NDF : 455664.1/18

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

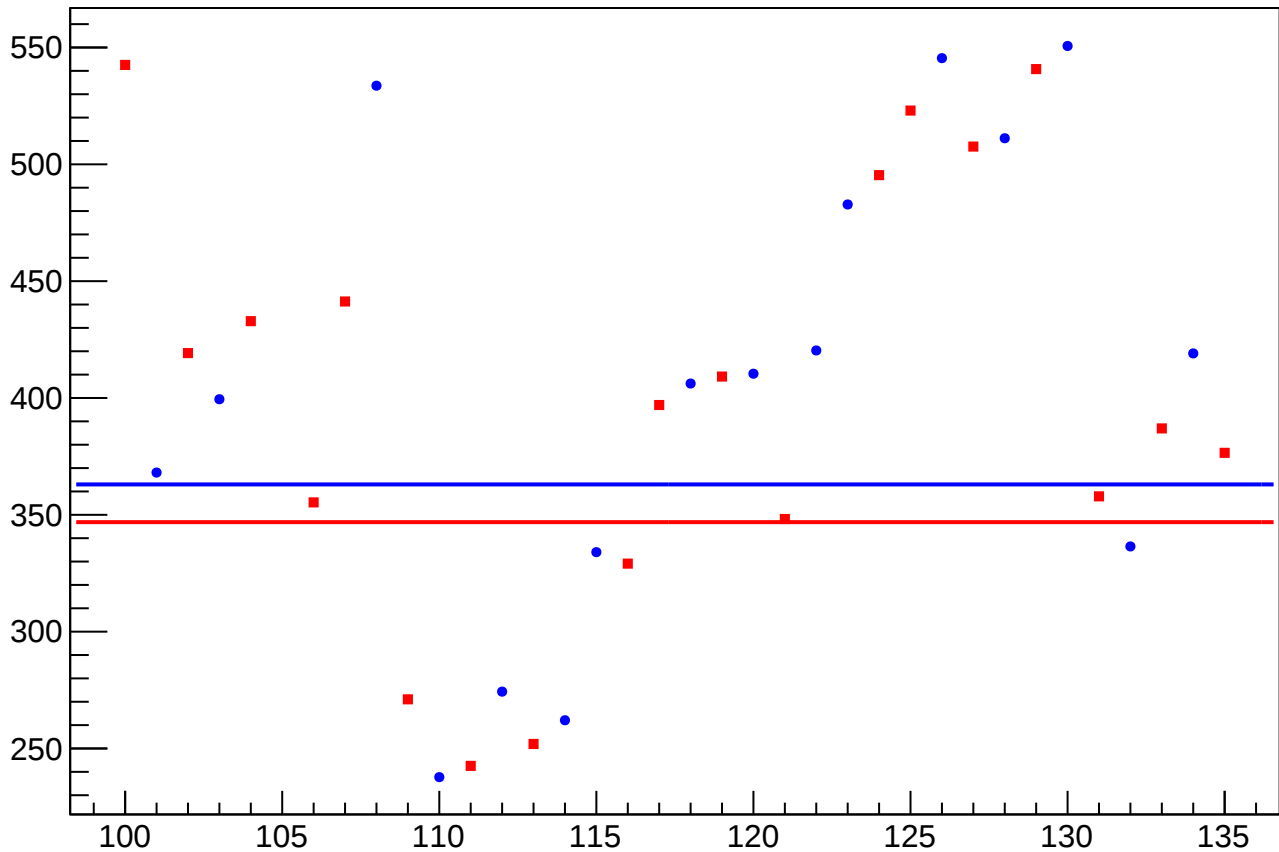
Right Out: 523.947+/-136.931 χ^2/NDF : 141.0/18

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

-330.299+/-155.810 χ^2/NDF : 94.6/15

523.947+/-136.931 χ^2/NDF : 141.0/18

asym_bpm0r05WS_rms vs Slug



Right In: 363.011+/-0.110 χ^2/NDF : 748655.2/15

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

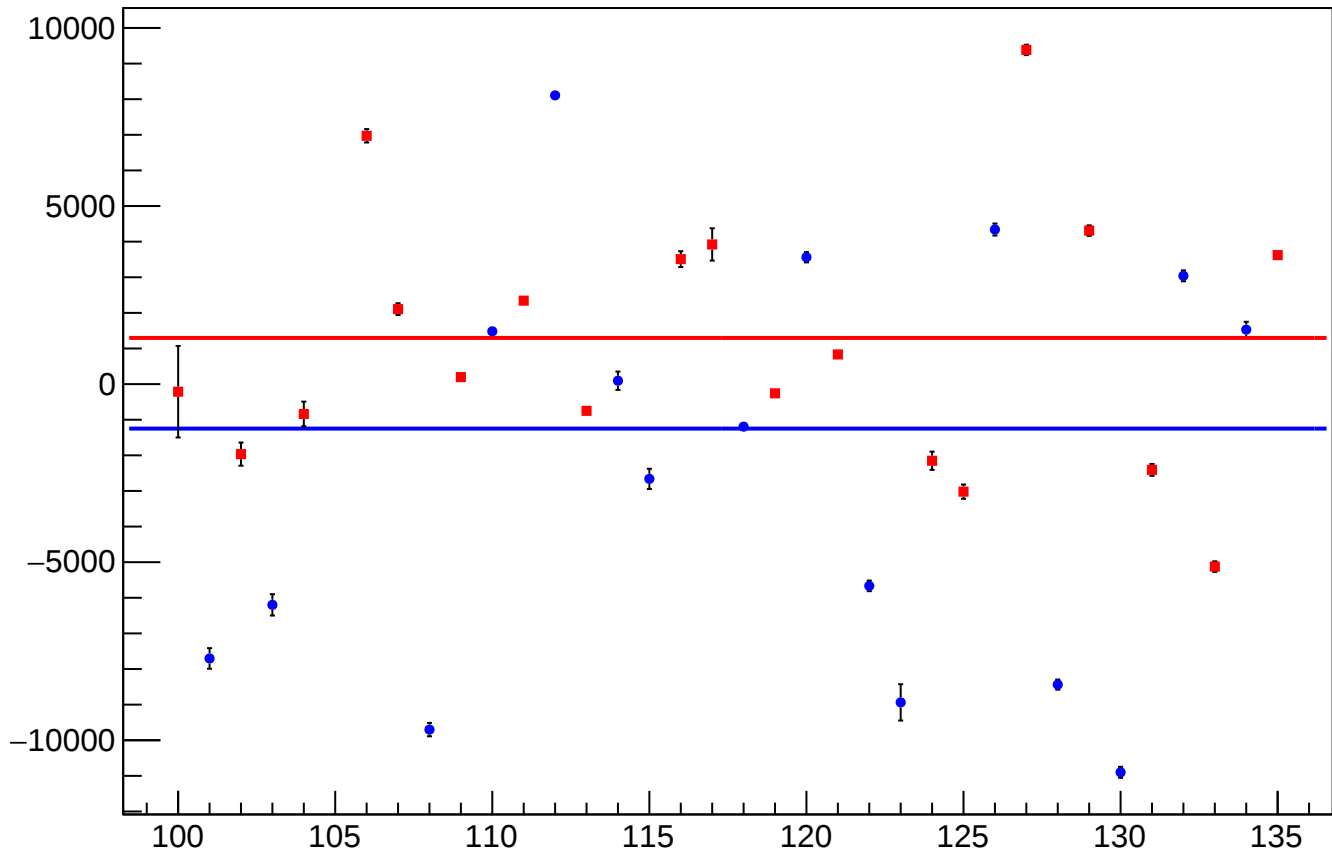
Right Out: 346.866+/-0.097 χ^2/NDF : 816201.2/18

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

363.011+/-0.110 χ^2/NDF : 748655.2/15

346.866+/-0.097 χ^2/NDF : 816201.2/18

asym_bpm1i04WS_mean vs Slug



Right In: -1249.154 ± 42.746 $\chi^2/\text{NDF}: 18974.0/15$

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

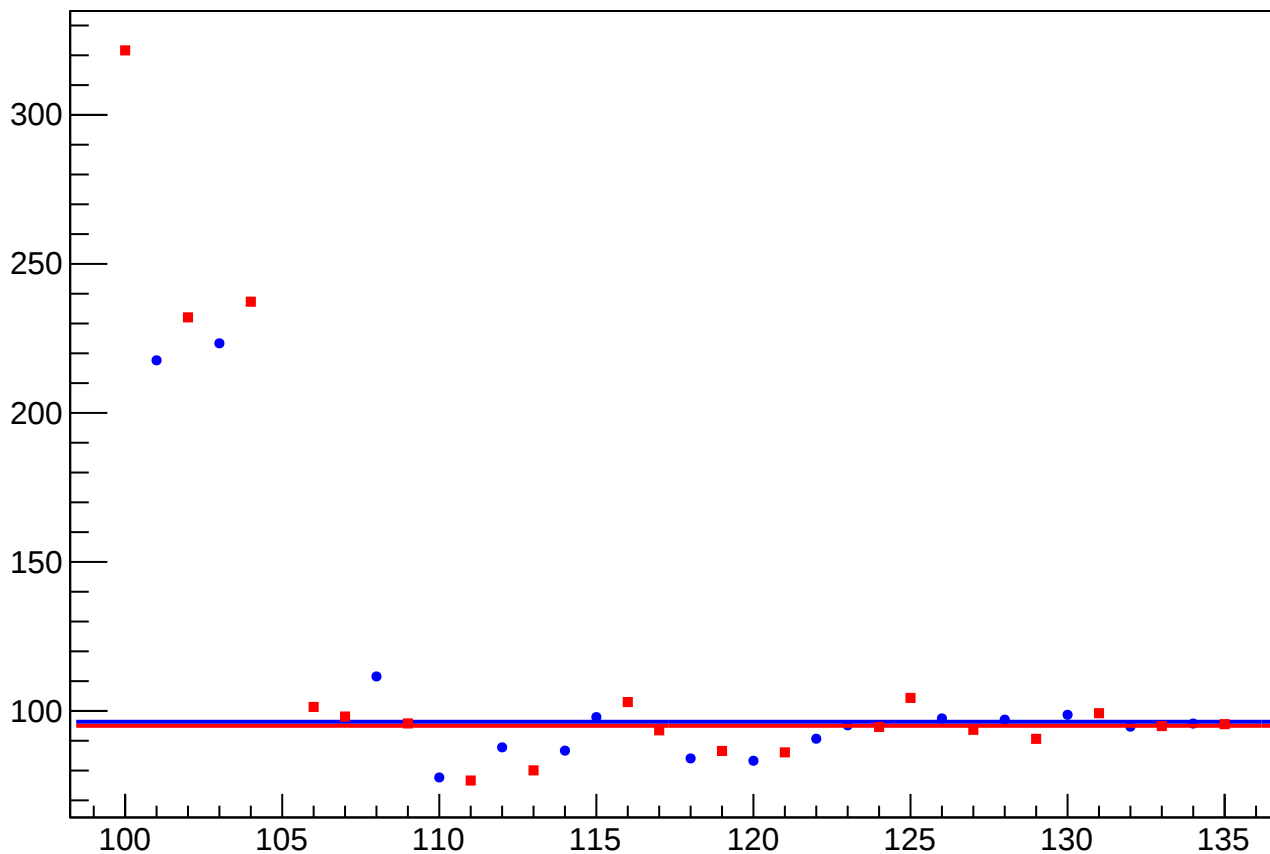
Right Out: 1296.575 ± 38.413 $\chi^2/\text{NDF}: 8580.7/18$

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

-1249.154 ± 42.746 $\chi^2/\text{NDF}: 18974.0/15$

1296.575 ± 38.413 $\chi^2/\text{NDF}: 8580.7/18$

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

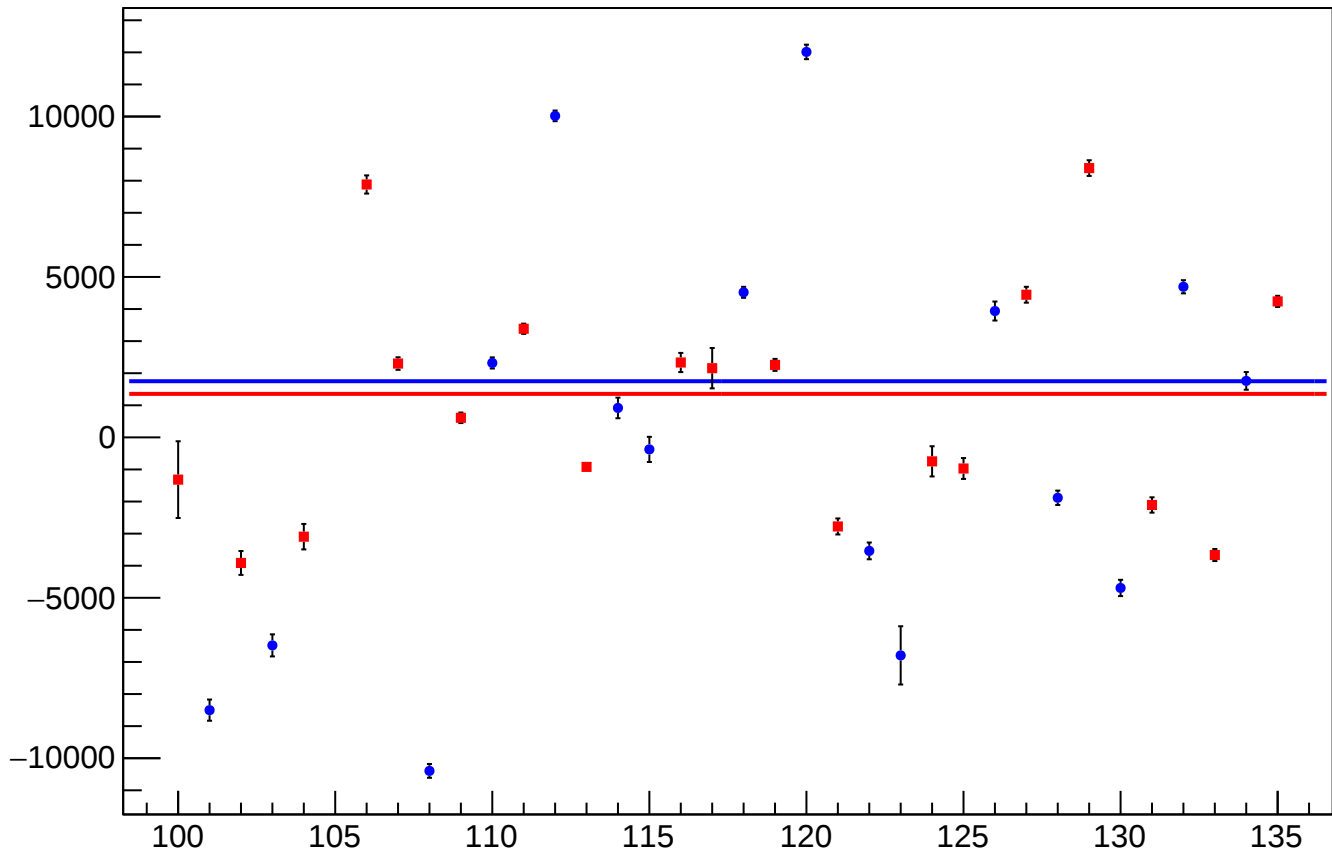
Right Out: 95.020+/-0.027 χ^2/NDF : 858109.4/18

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

96.367+/-0.030 χ^2/NDF : 814828.9/15

95.020+/-0.027 χ^2/NDF : 858109.4/18

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

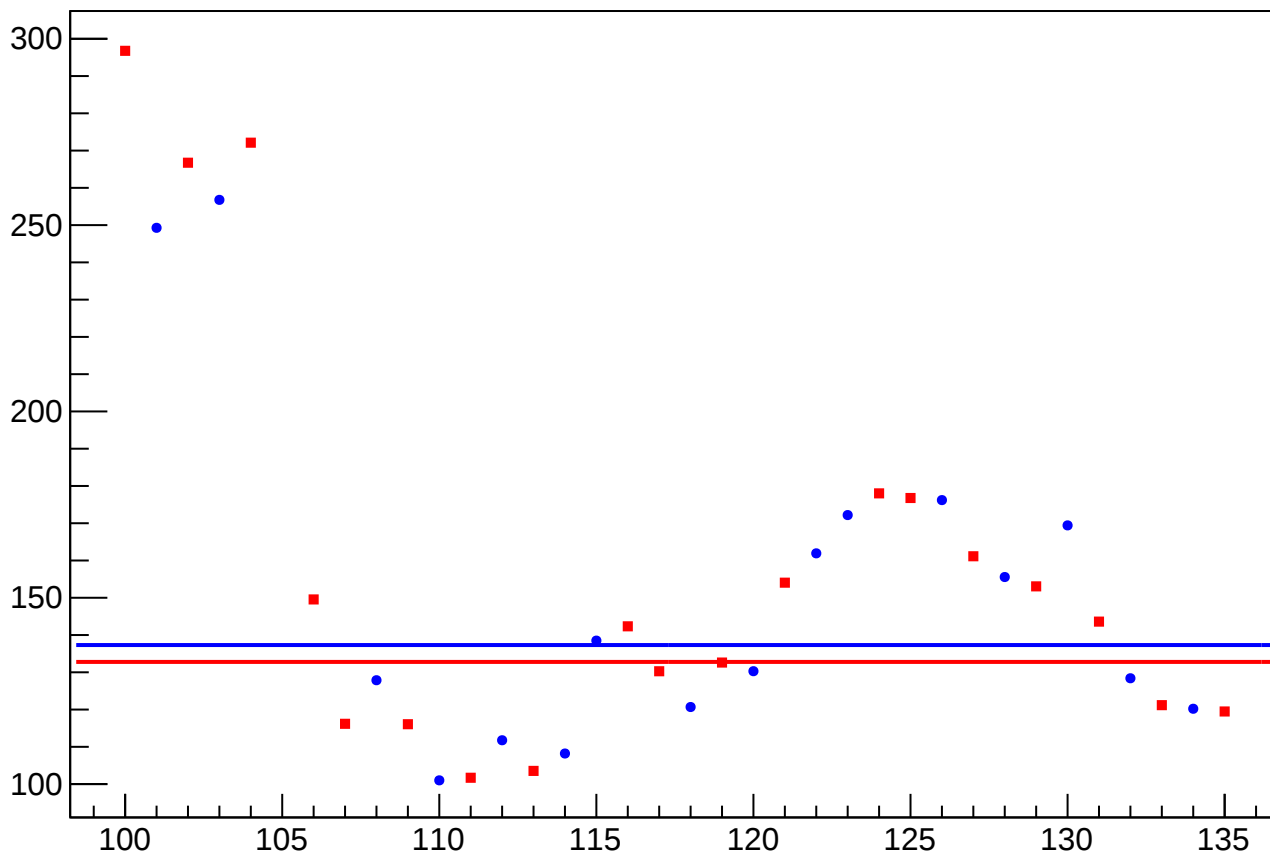
Right Out: 1355.869+/-53.153 χ^2/NDF : 3838.7/18

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

1750.268+/-59.974 χ^2/NDF : 11231.4/15

1355.869+/-53.153 χ^2/NDF : 3838.7/18

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

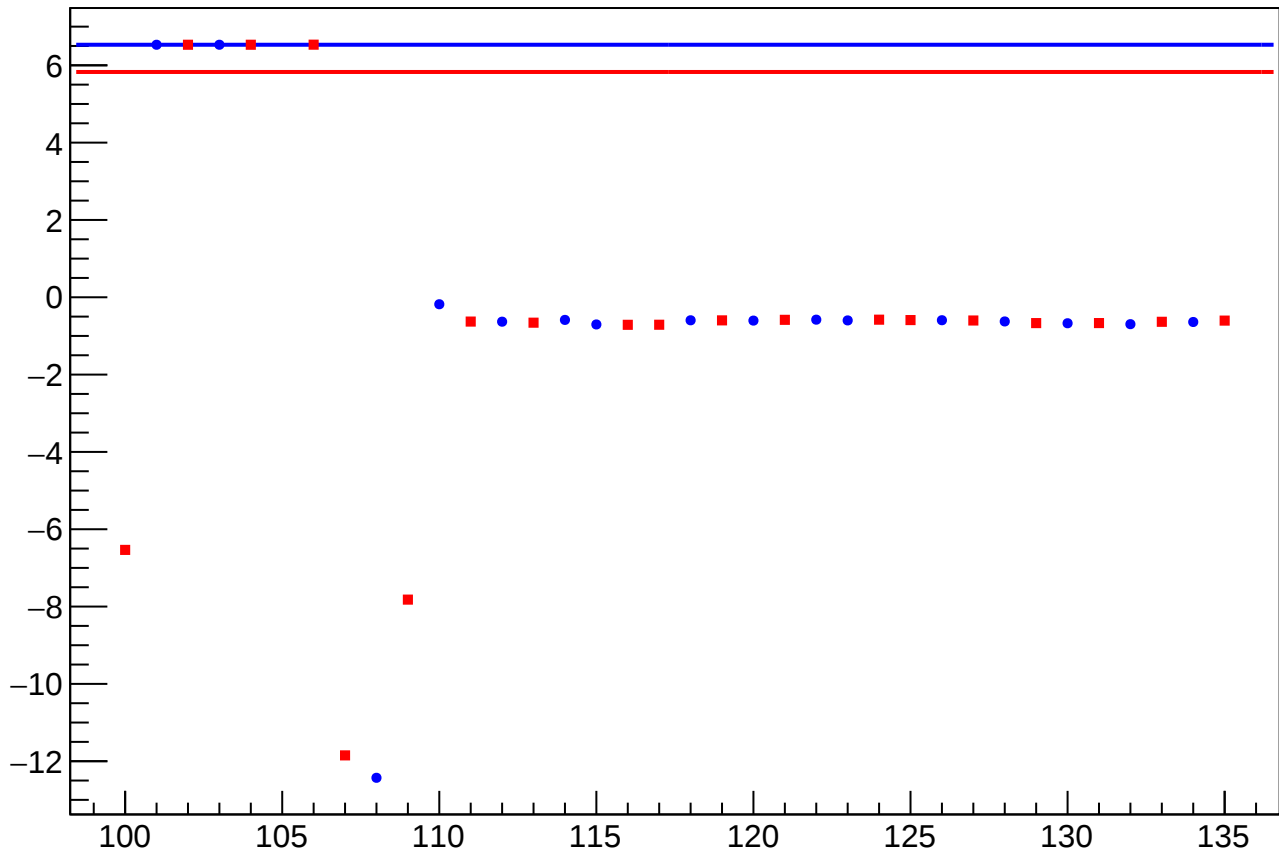
Right Out: 132.785+/-0.038 χ^2/NDF : 865062.5/18

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

137.313+/-0.042 χ^2/NDF : 758289.4/15

132.785+/-0.038 χ^2/NDF : 865062.5/18

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

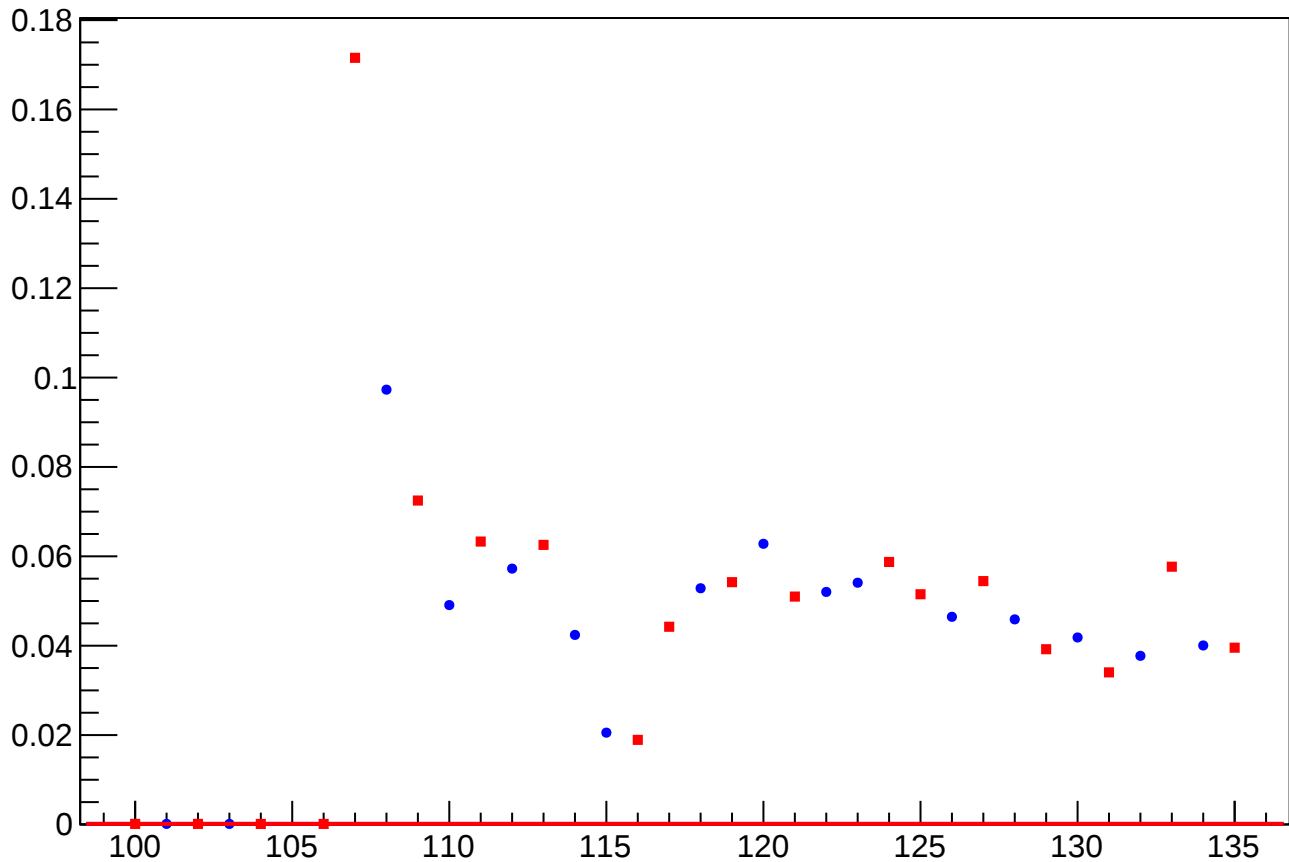
6.532 $\pm$ 0.000 χ^2 /NDF: 102381350603.6/15

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755942999633876.4/18

5.827 $\pm$ 0.000 χ^2 /NDF: 755942999633876.4/18

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

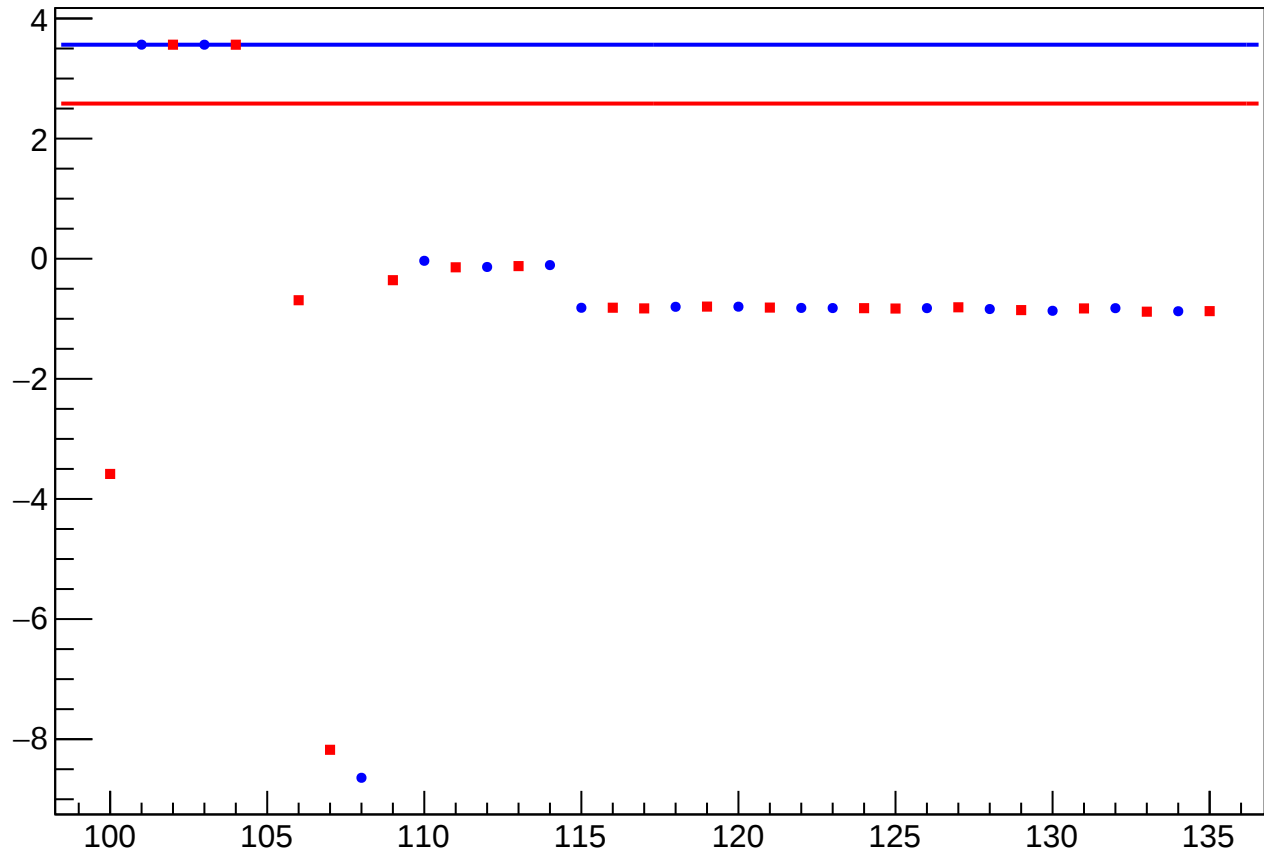
Right Out: 0.000+/-0.000 χ^2/NDF : 9175789.6/18

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 : 9175789.6/18

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

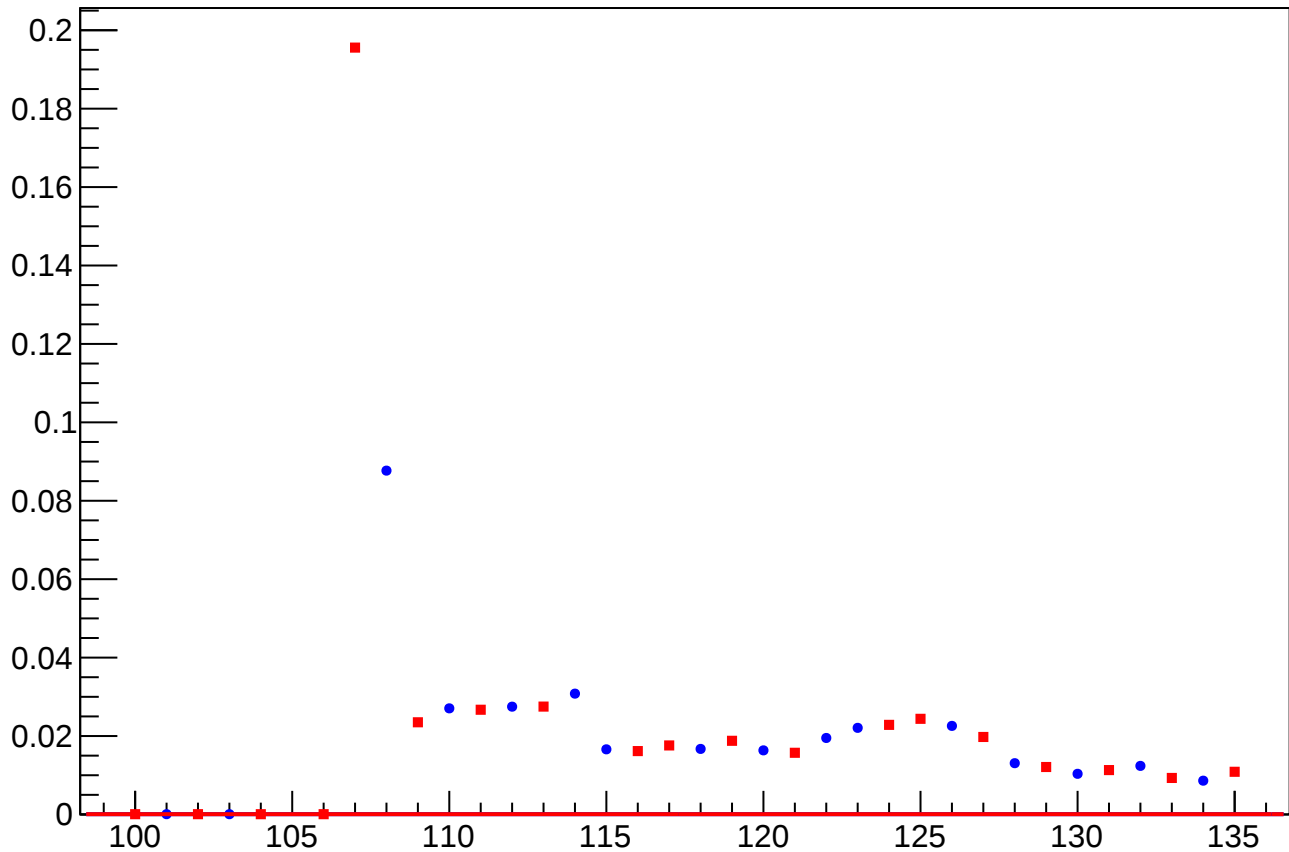
Right Out: 2.583+/-0.000 χ^2/NDF : 1253476454091711.2/18

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

3.563+/-0.000 χ^2/NDF : 348418830739.3/15

2.583+/-0.000 χ^2/NDF : 1253476454091711.2/18

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

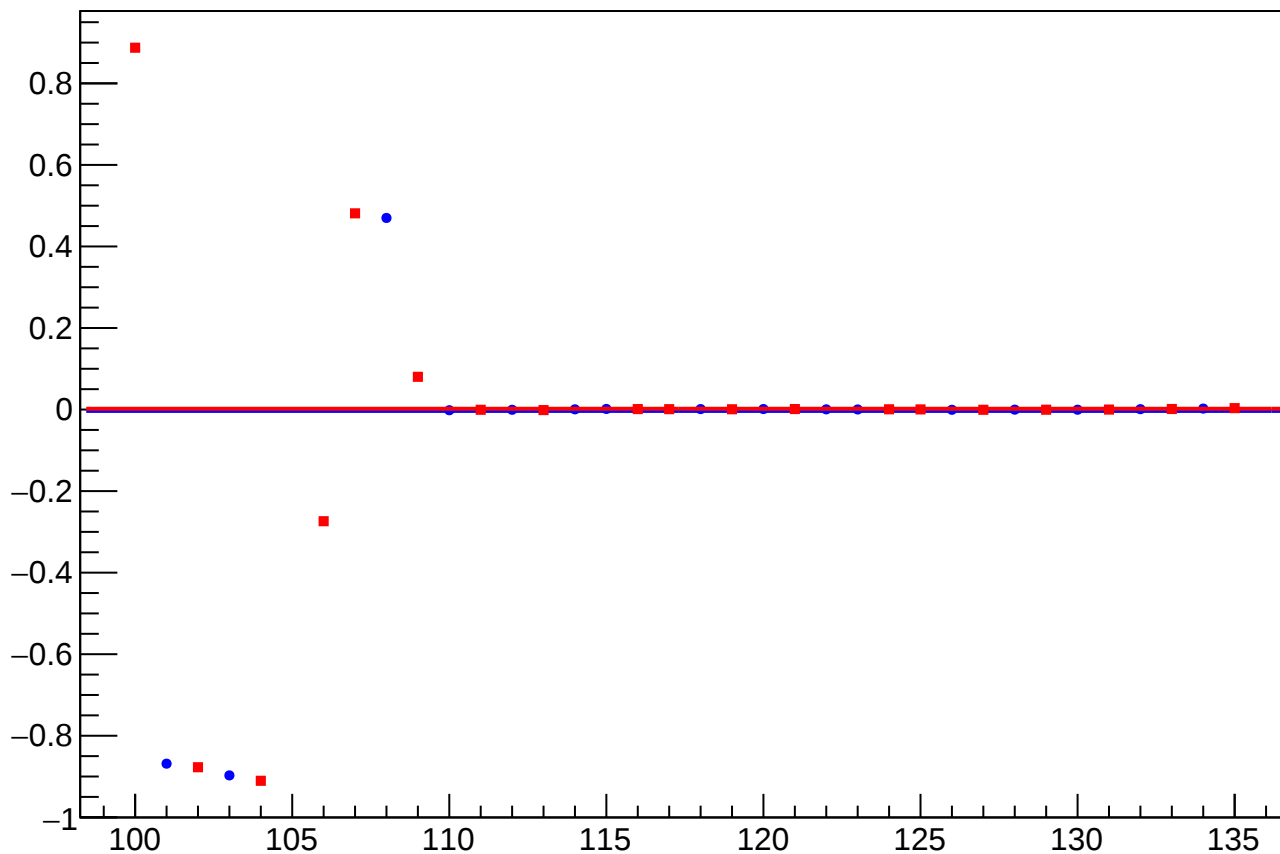
Right Out: 0.000+/-0.000 χ^2/NDF : 9640267.2/18

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 : 9640267.2/18

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

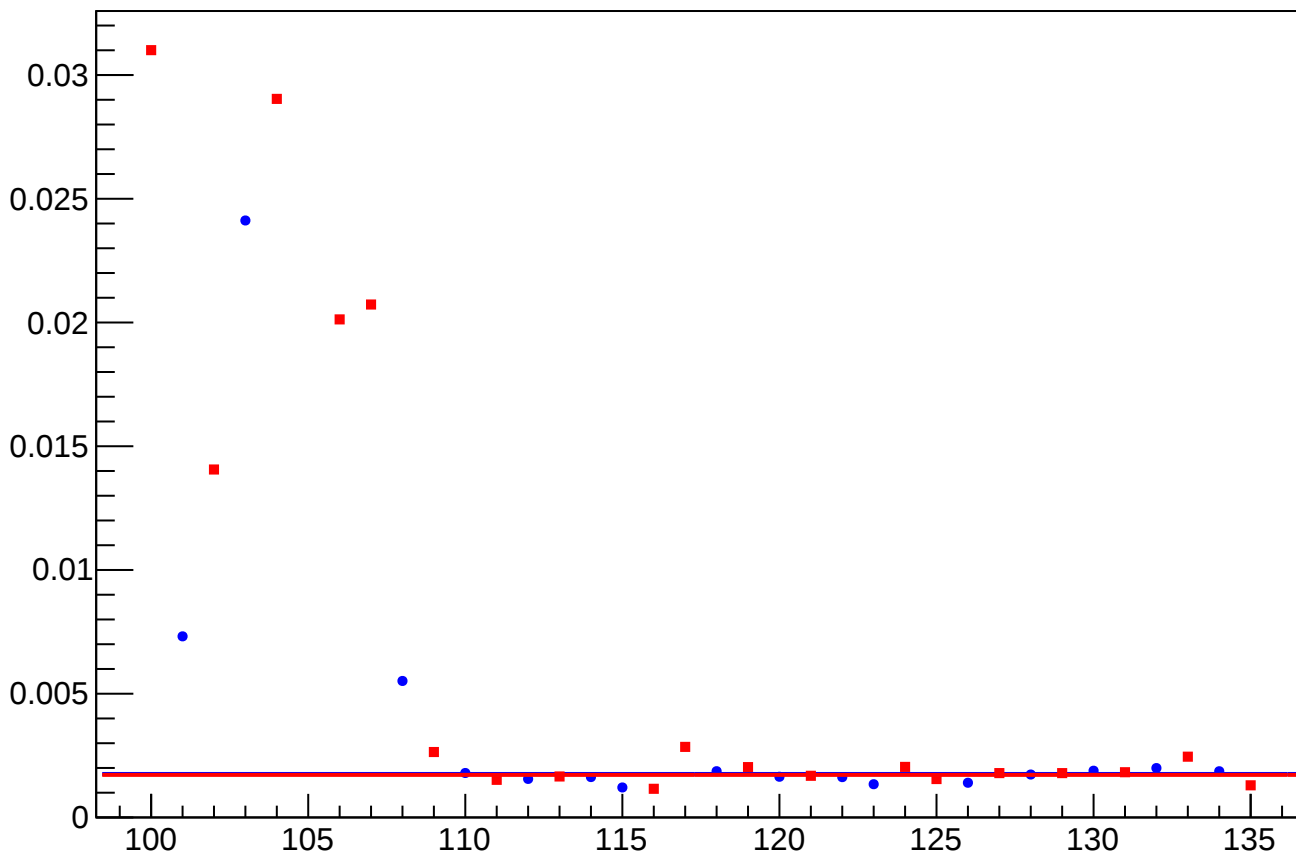
Right Out: 0.002+/-0.000 χ^2 /NDF: 3041203439.6/18

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: 3041203439.6/18

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

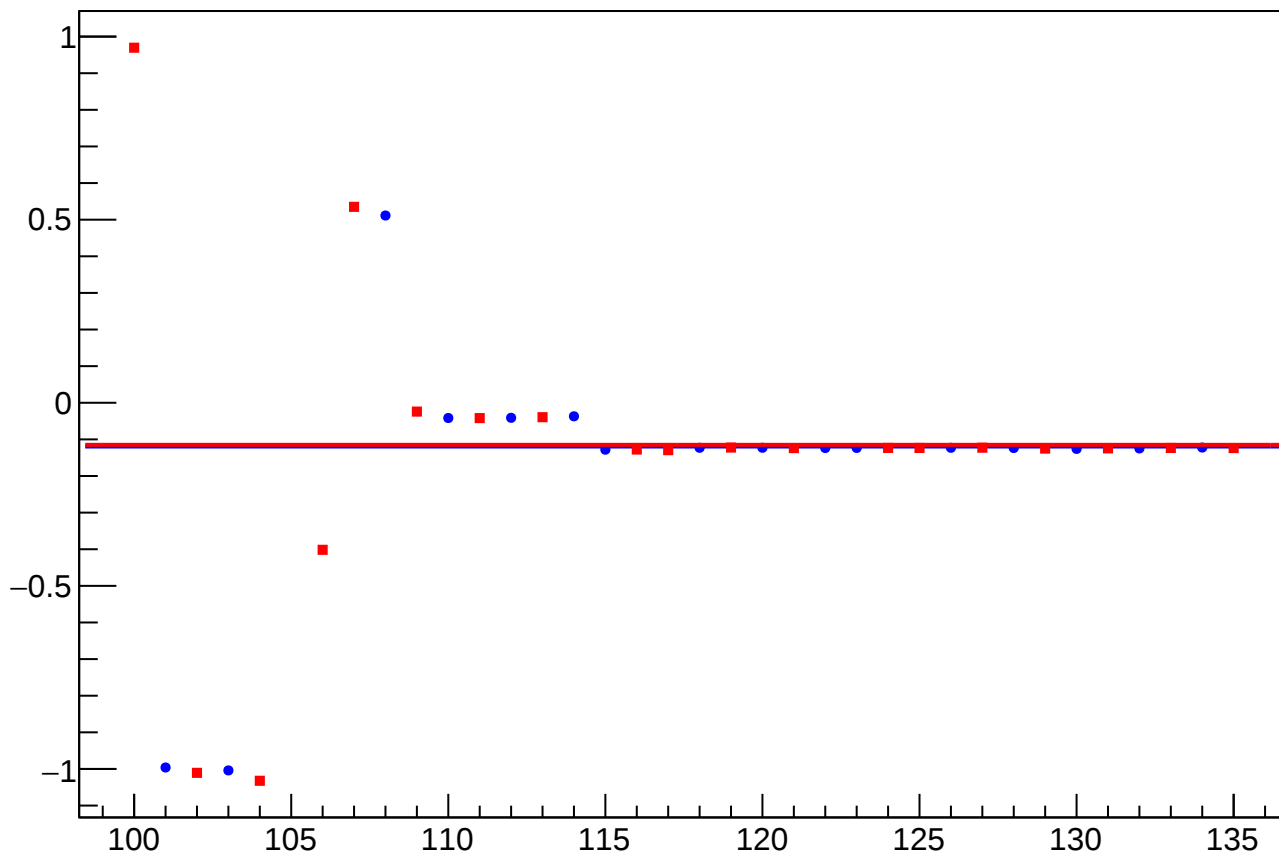
Right Out: 0.002+/-0.000 χ^2/NDF : 3022077.9/18

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 : 3022077.9/18

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

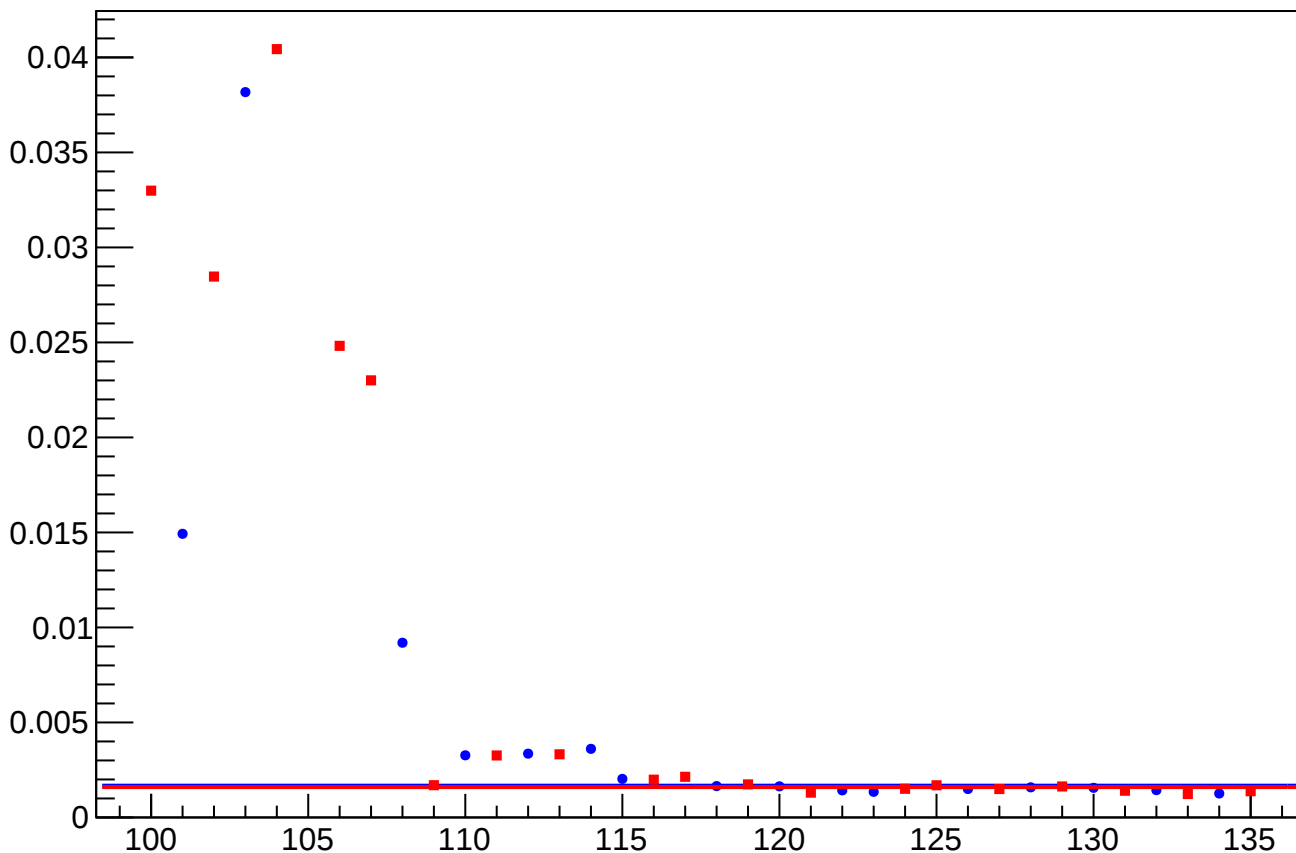
-0.119+/-0.000 χ^2 /NDF: 3927293958.1/15

Right Out: -0.115+/-0.000 χ^2 /NDF: 2449220400.2/18

-0.115+/-0.000 χ^2 /NDF: 2449220400.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

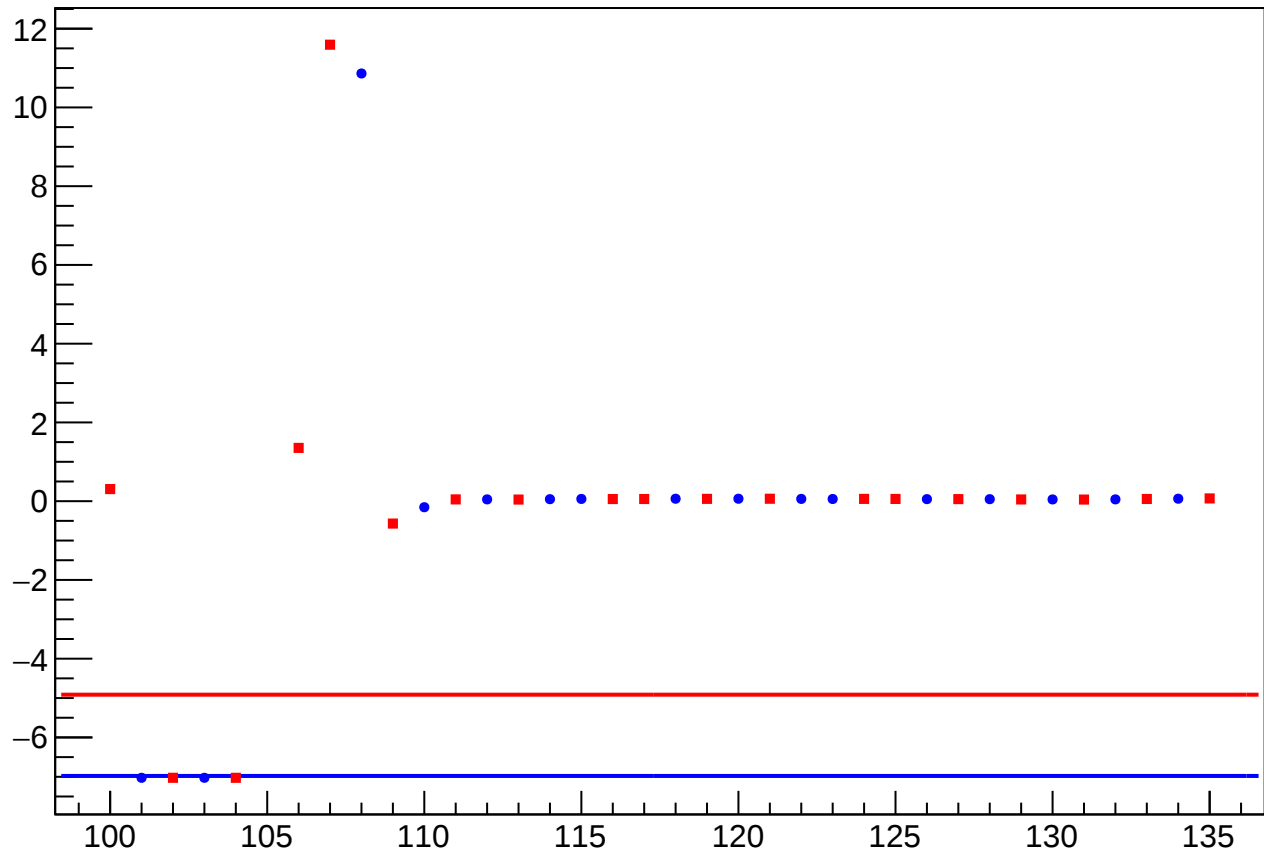
Right Out: 0.002+/-0.000 χ^2/NDF : 3453051.3/18

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 : 3453051.3/18

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

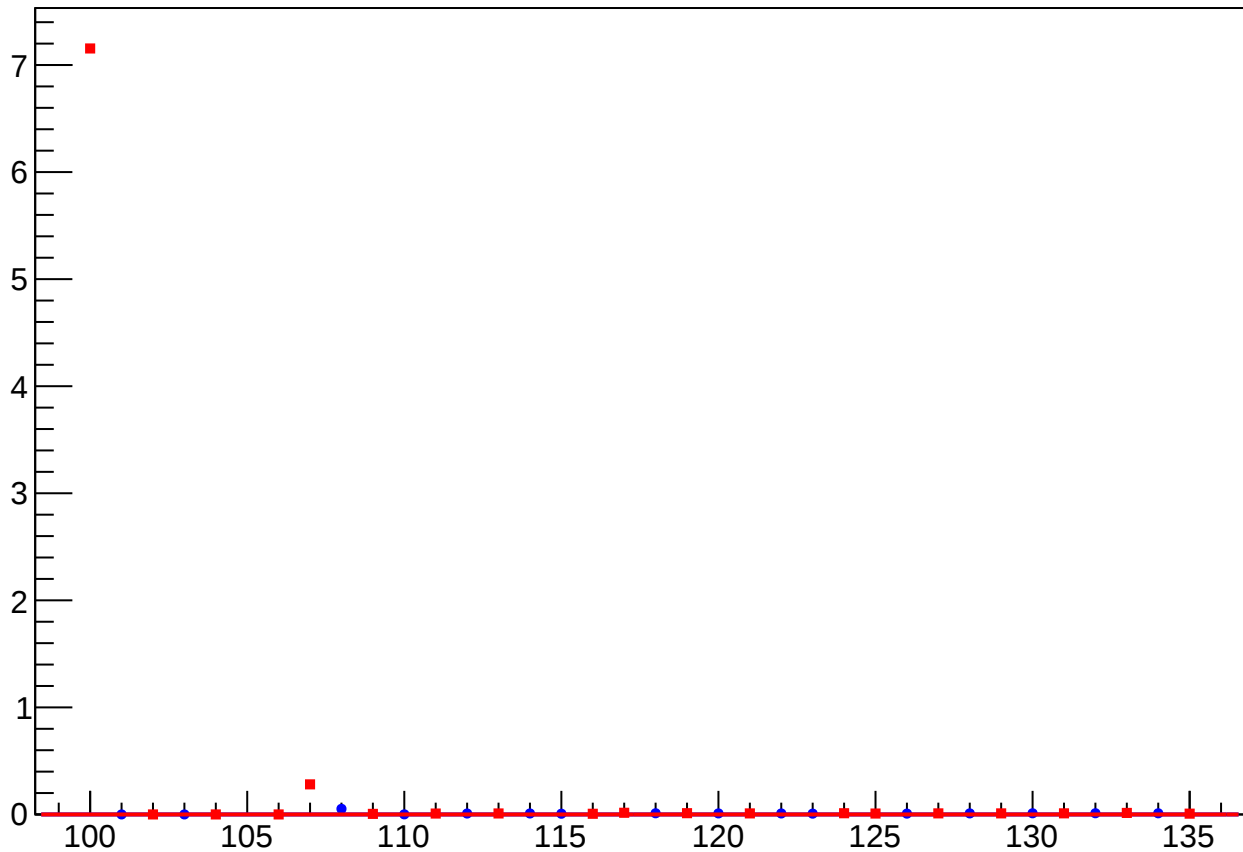
Right Out: -4.914+/-0.000 χ^2/NDF : 365302719565979.2/18

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

-6.978+/-0.000 χ^2/NDF : 8171650863062.6/15

-4.914+/-0.000 χ^2/NDF : 365302719565979.2/18

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

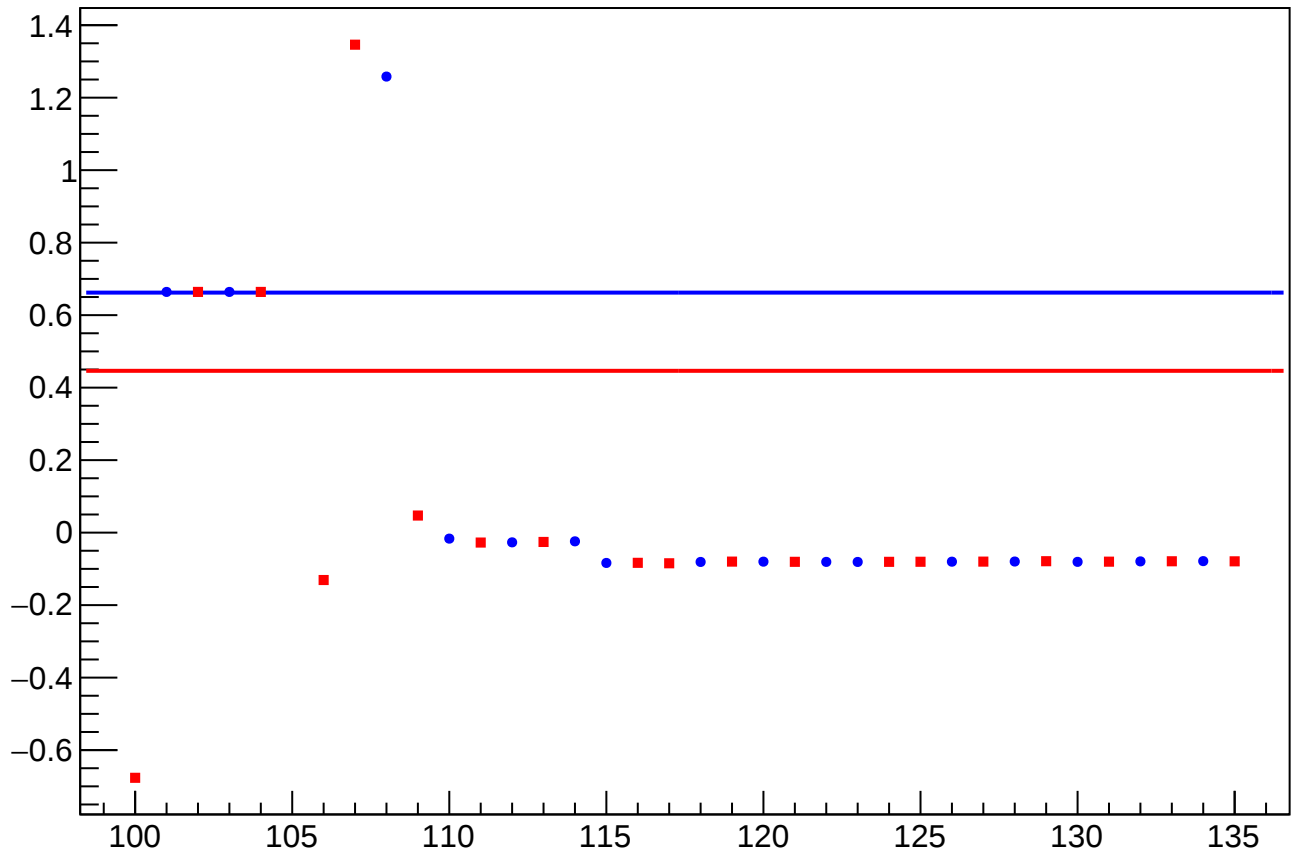
Right Out: 0.000+/-0.000 χ^2/NDF : 8586958.4/18

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 : 8586958.4/18

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

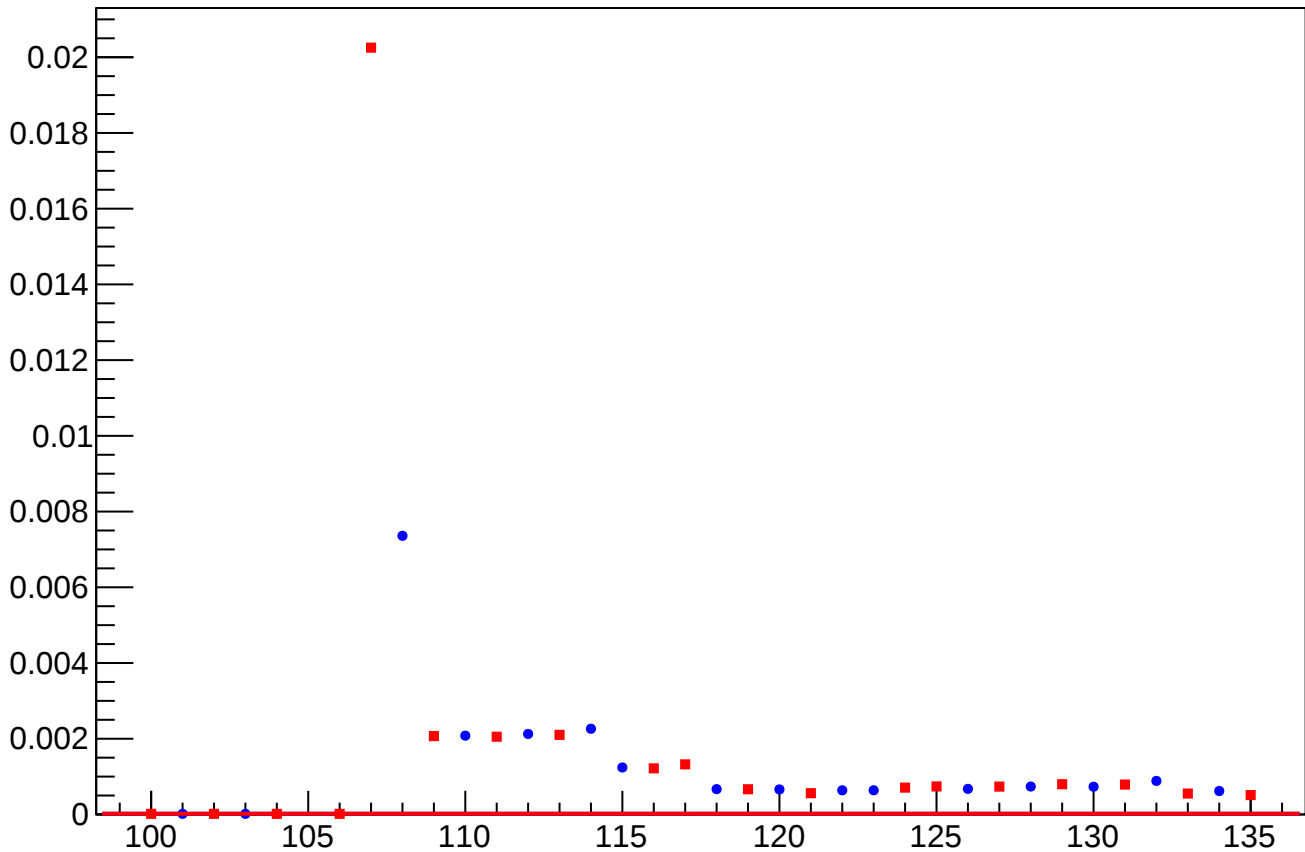
Right Out: 0.446 $\pm$ 0.000 χ^2 /NDF: 405222539804362.2/18

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

0.662 $\pm$ 0.000 χ^2 /NDF: 3674482942335.4/15

0.446 $\pm$ 0.000 χ^2 /NDF: 405222539804362.2/18

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

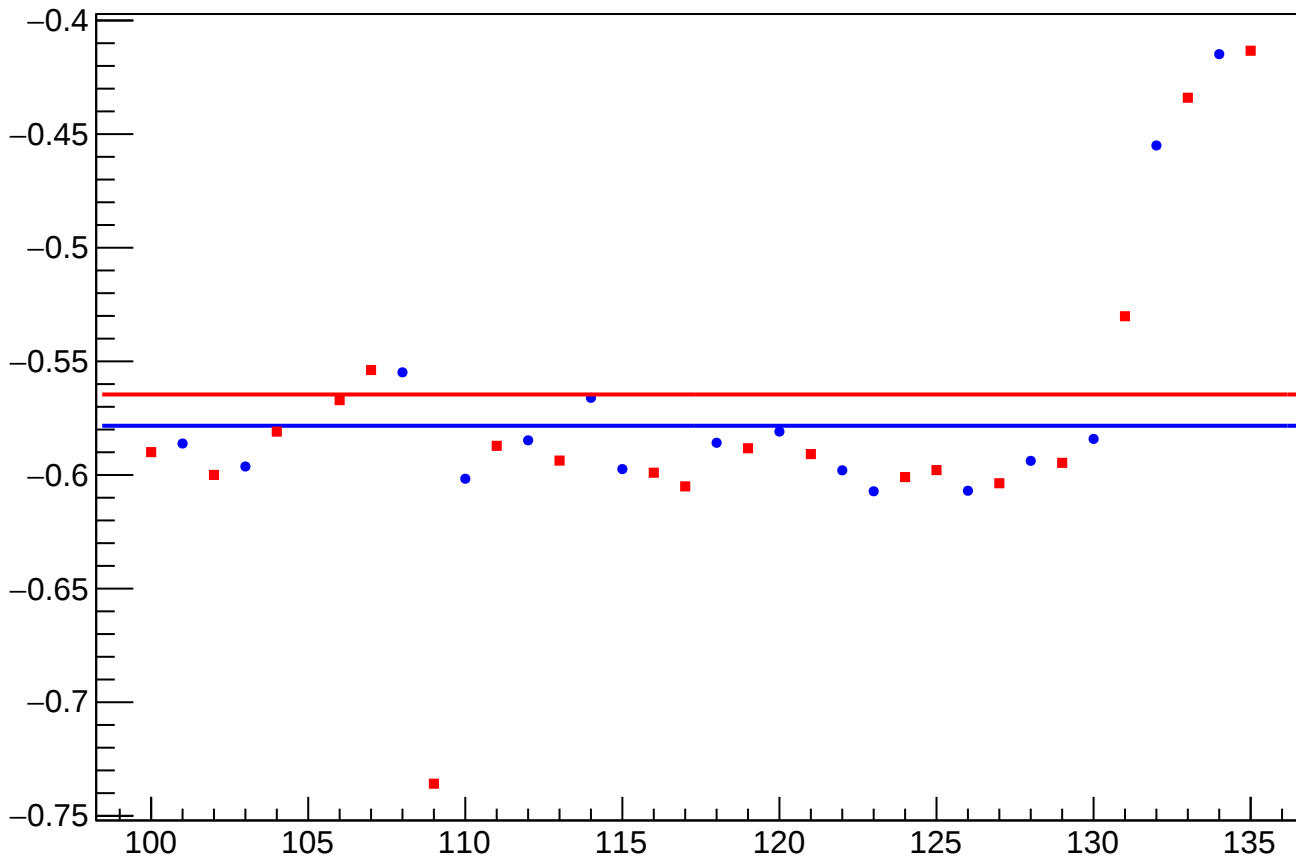
Right Out: 0.000+/-0.000 χ^2/NDF : 9244026.1/18

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 : 9244026.1/18

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

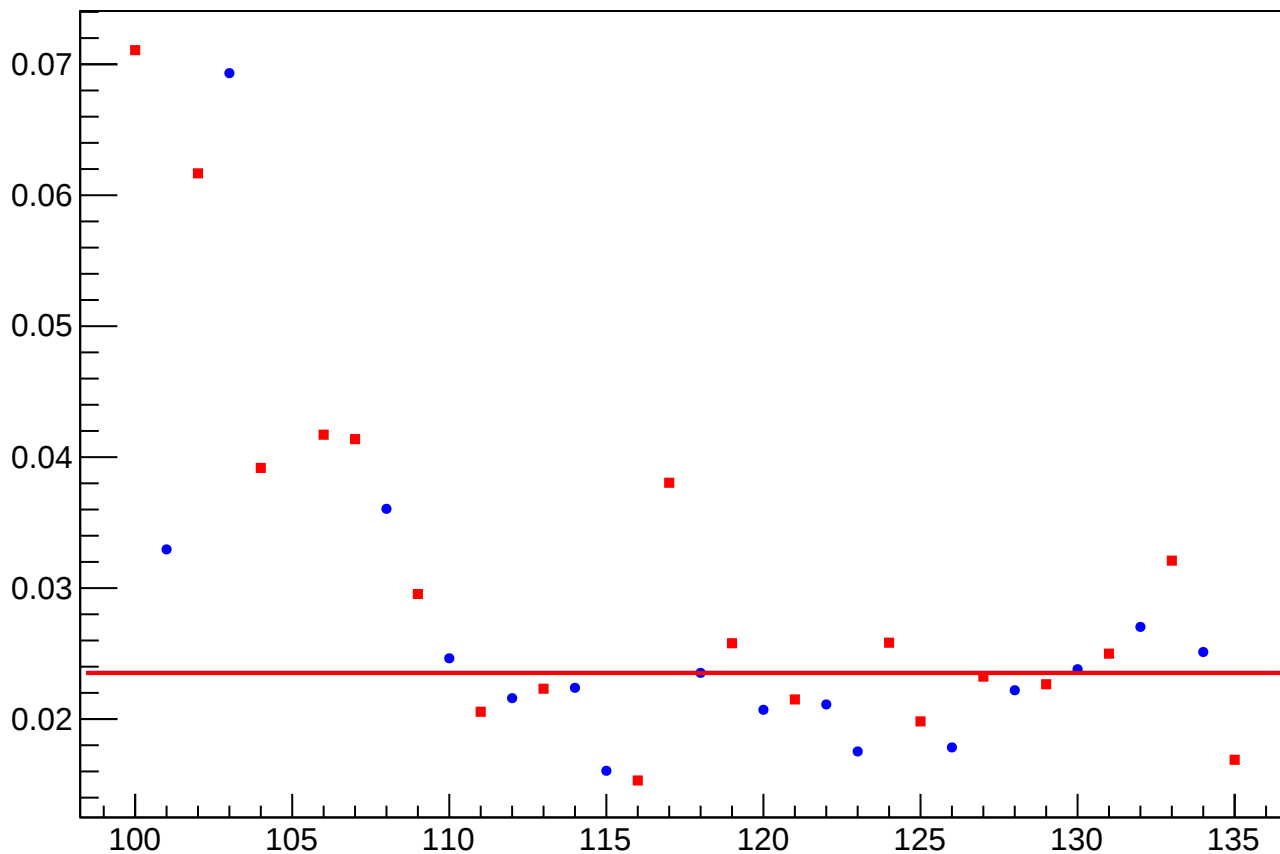
Right Out: -0.565+/-0.000 χ^2/NDF : 59229504.9/18

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

-0.578+/-0.000 χ^2/NDF : 14683256.8/15

-0.565+/-0.000 χ^2/NDF : 59229504.9/18

yield_bpm4aX_rms vs Slug



Right In: 0.024+/-0.000 χ^2/NDF : 794011.4/15

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

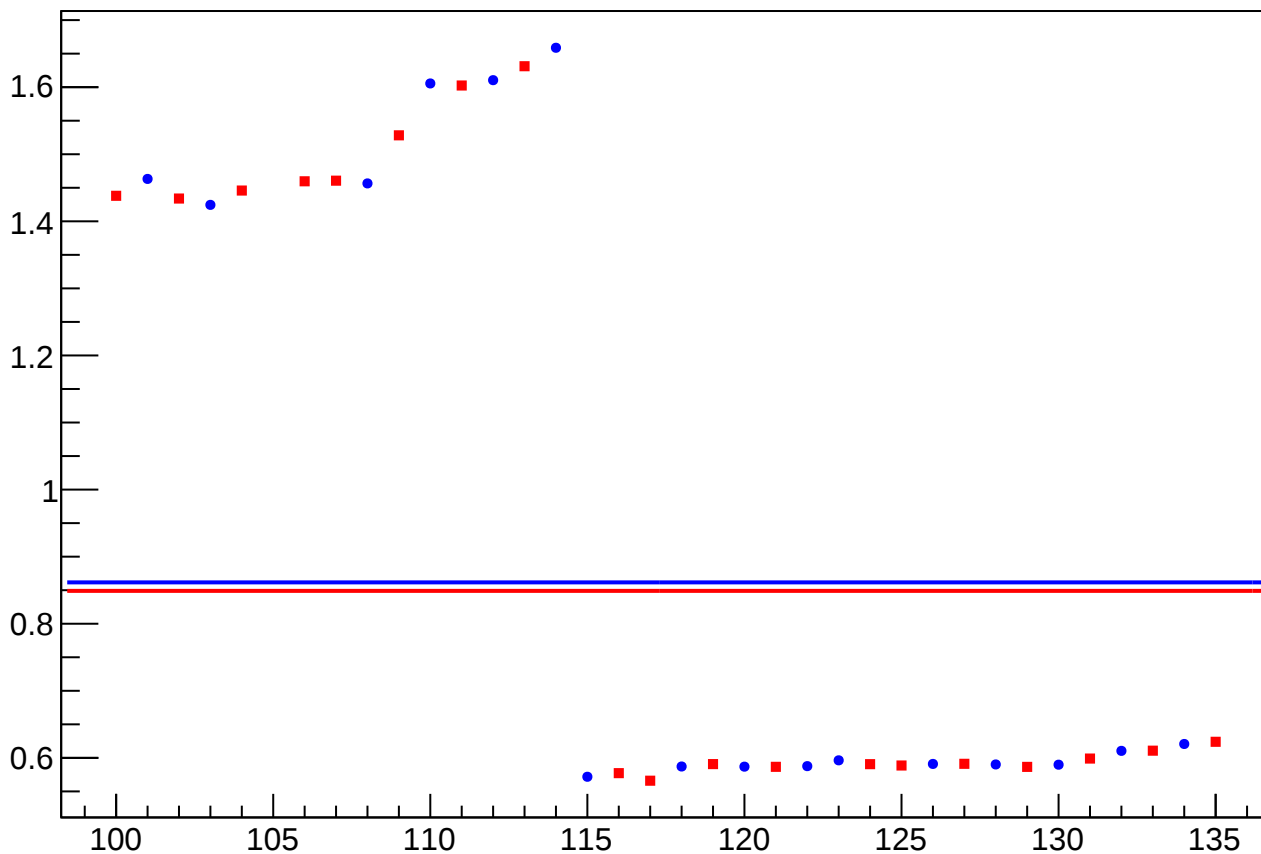
Right Out: 0.024+/-0.000 χ^2/NDF : 1139631.3/18

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

0.024+/-0.000 χ^2/NDF : 794011.4/15

0.024+/-0.000 χ^2/NDF : 1139631.3/18

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

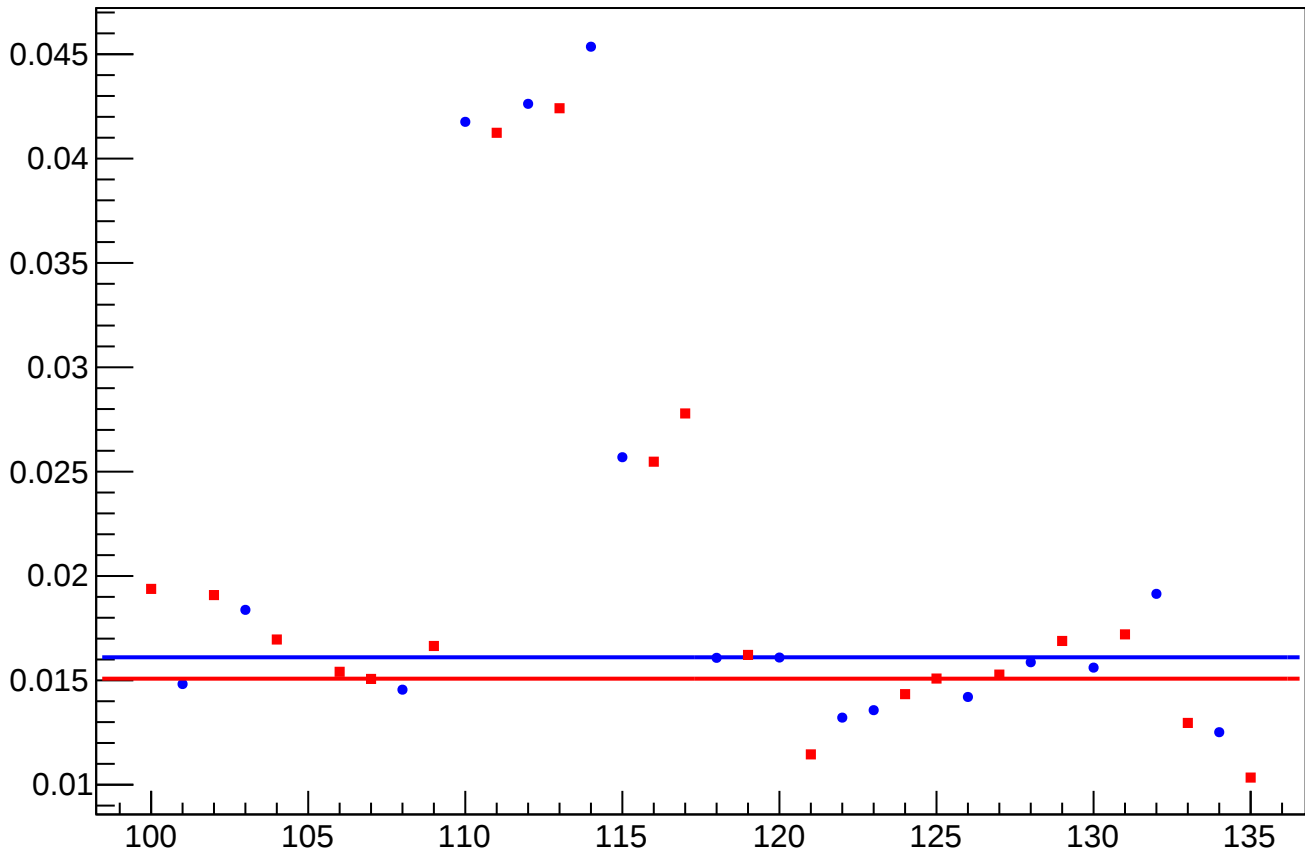
Right Out: 0.849+/-0.000 χ^2/NDF : 4064353260.6/18

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

0.862+/-0.000 χ^2/NDF : 3228021390.5/15

0.849+/-0.000 χ^2/NDF : 4064353260.6/18

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

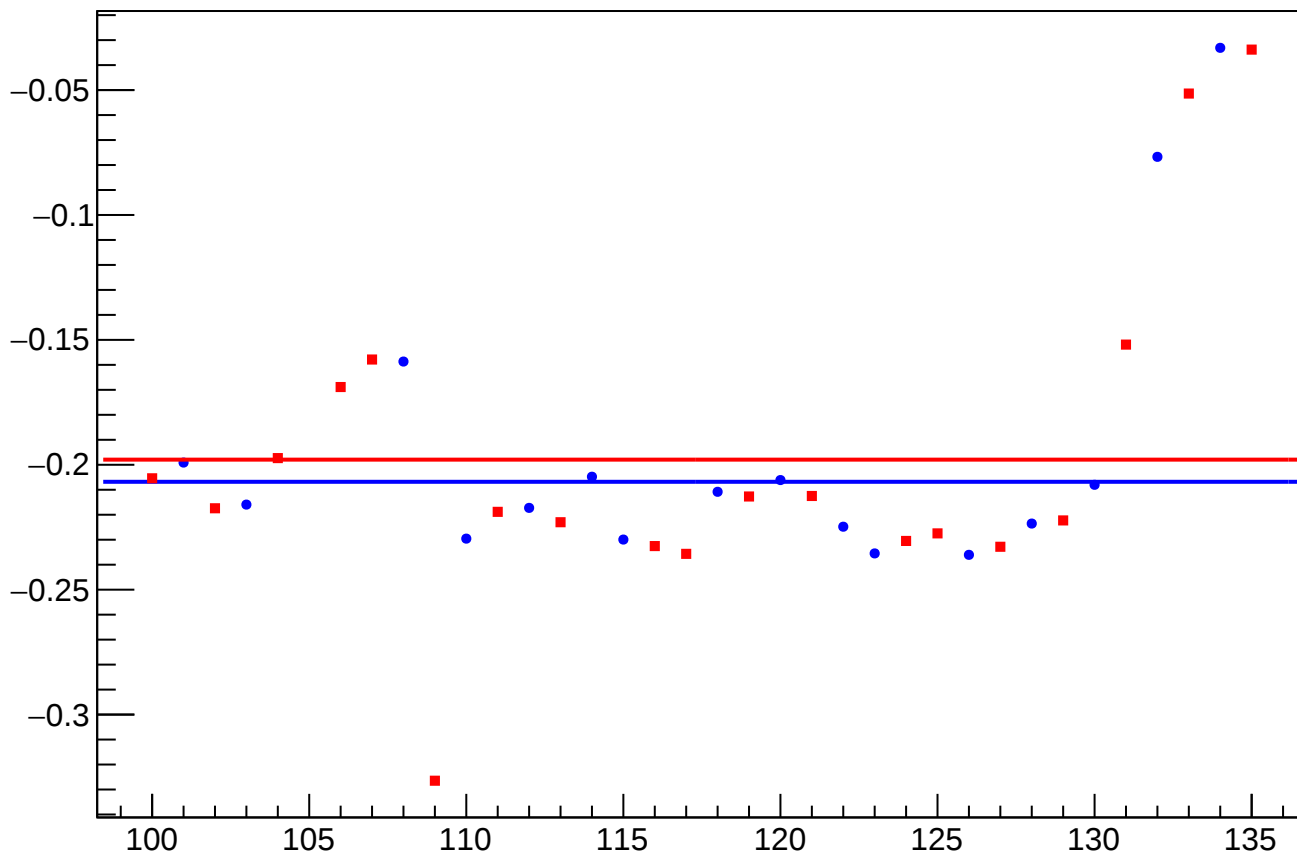
0.016+/-0.000 χ^2/NDF : 847116.8/15

Right Out: 0.015+/-0.000 χ^2/NDF : 1169912.5/18

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

0.015+/-0.000 χ^2/NDF : 1169912.5/18

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

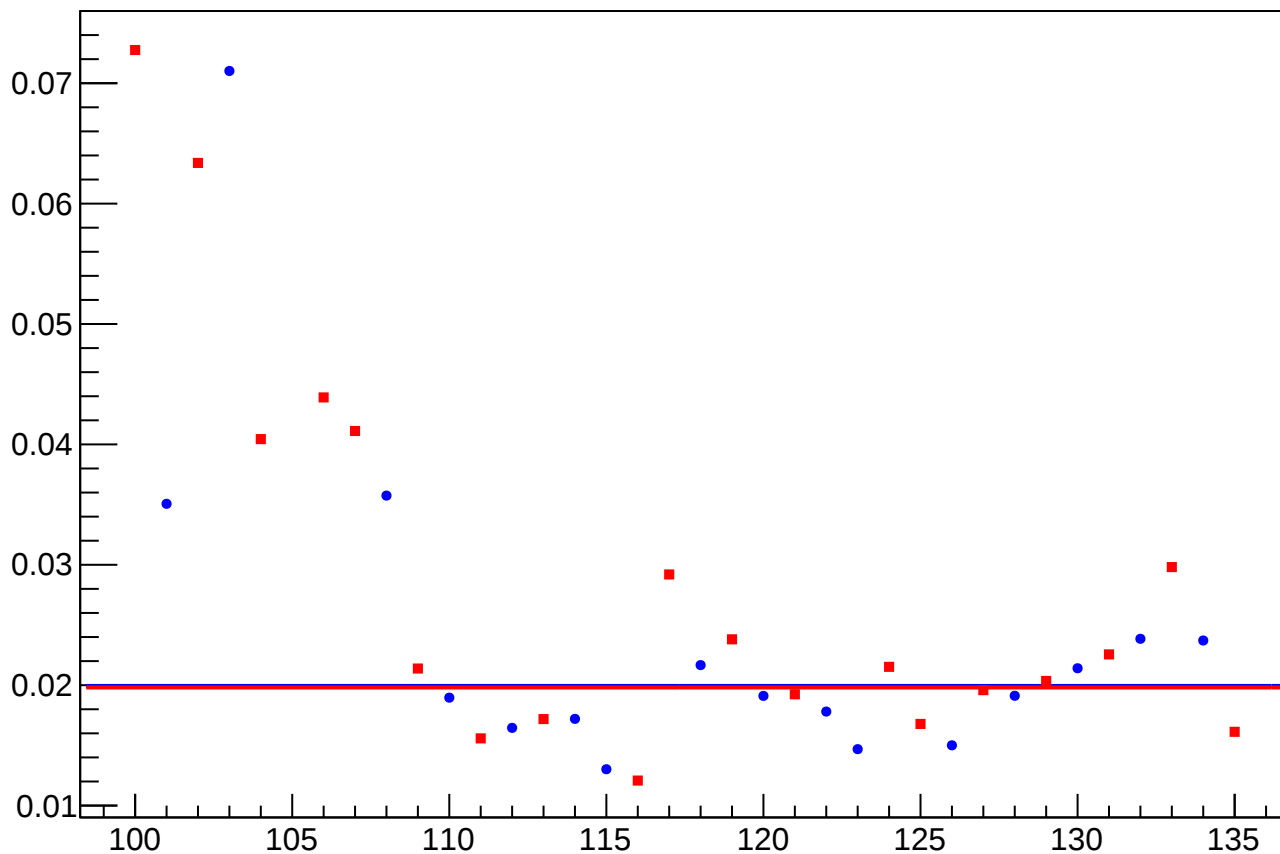
Right Out: -0.198+/-0.000 χ^2/NDF : 73457469.1/18

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

-0.207+/-0.000 χ^2/NDF : 20670295.1/15

-0.198+/-0.000 χ^2/NDF : 73457469.1/18

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

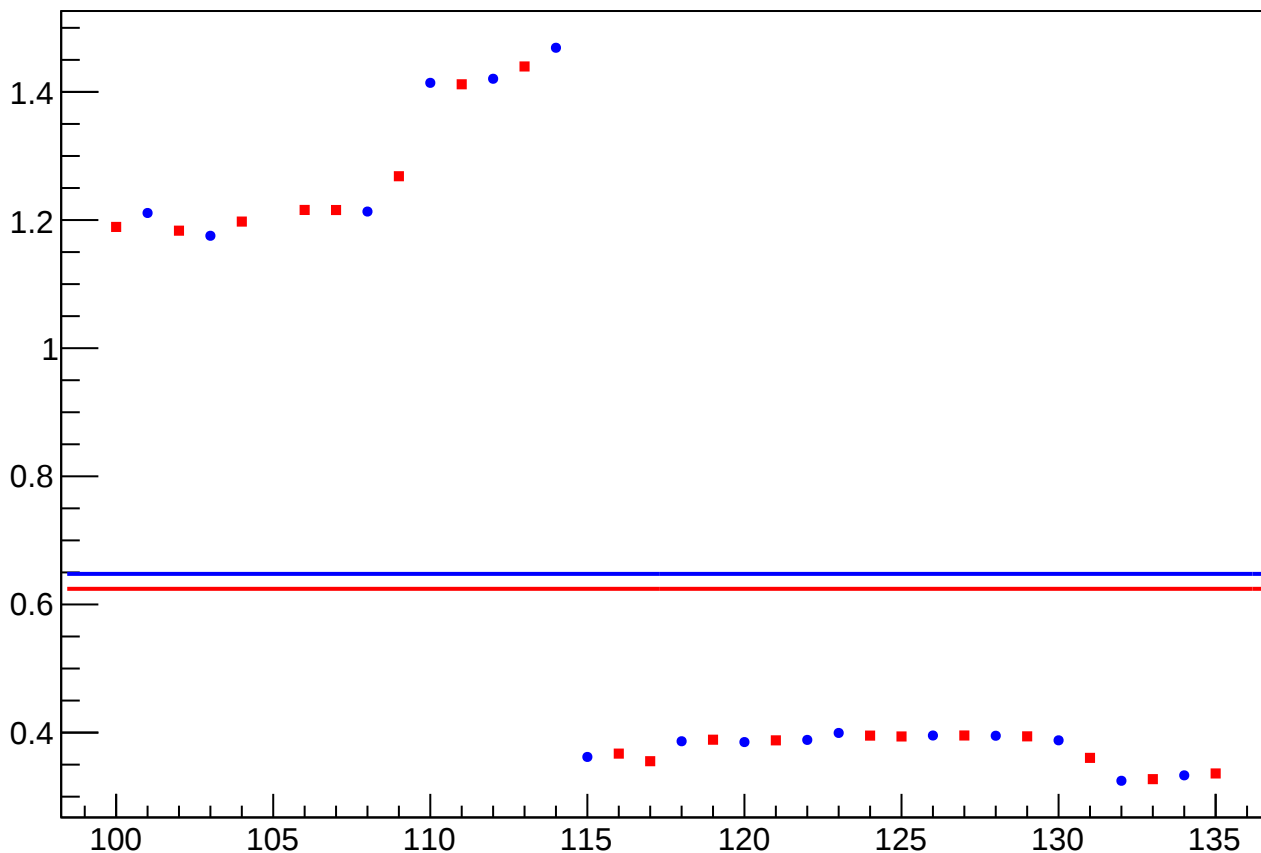
Right Out: 0.020+/-0.000 χ^2/NDF : 1449873.4/18

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 : 1449873.4/18

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

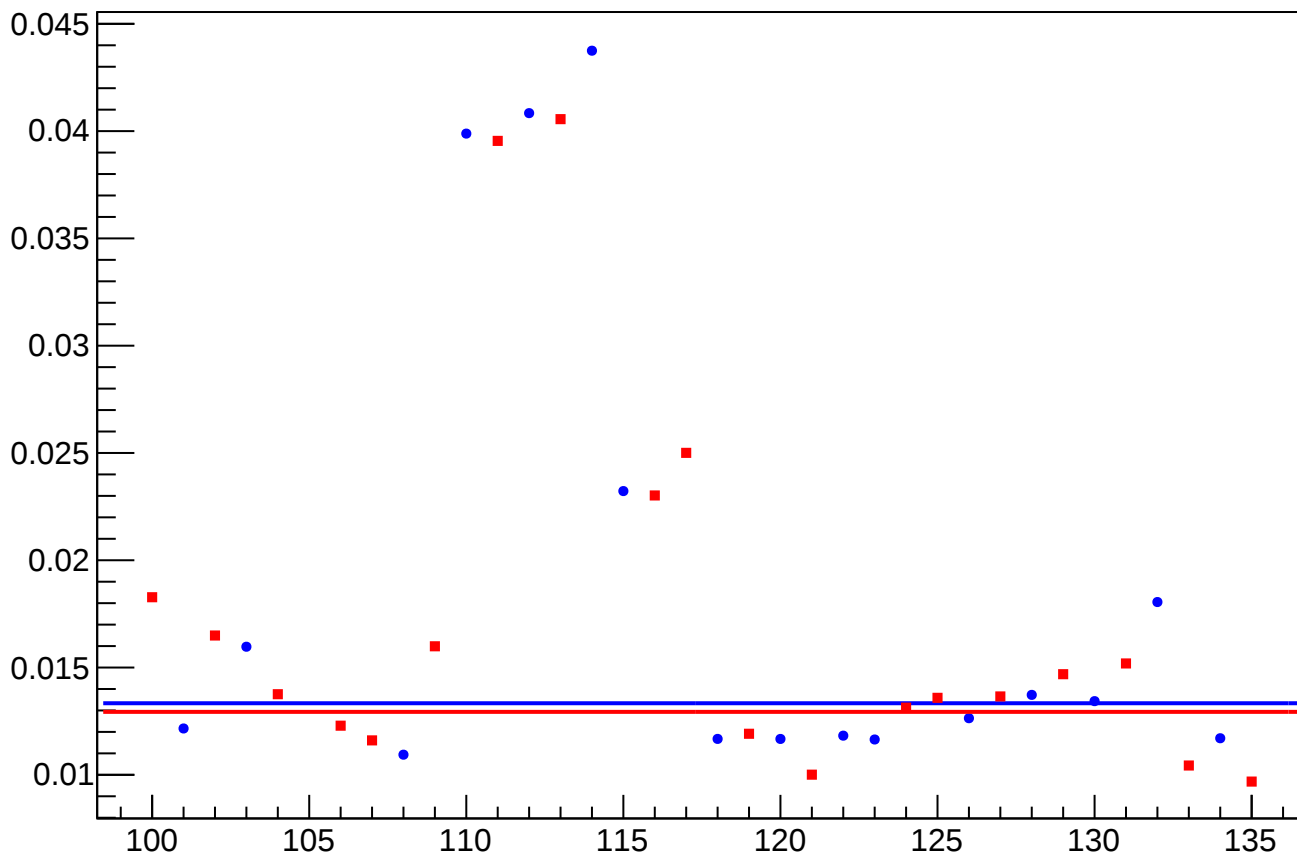
Right Out: 0.624+/-0.000 χ^2/NDF : 5334216101.8/18

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

0.648+/-0.000 χ^2/NDF : 4294727417.6/15

0.624+/-0.000 χ^2/NDF : 5334216101.8/18

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

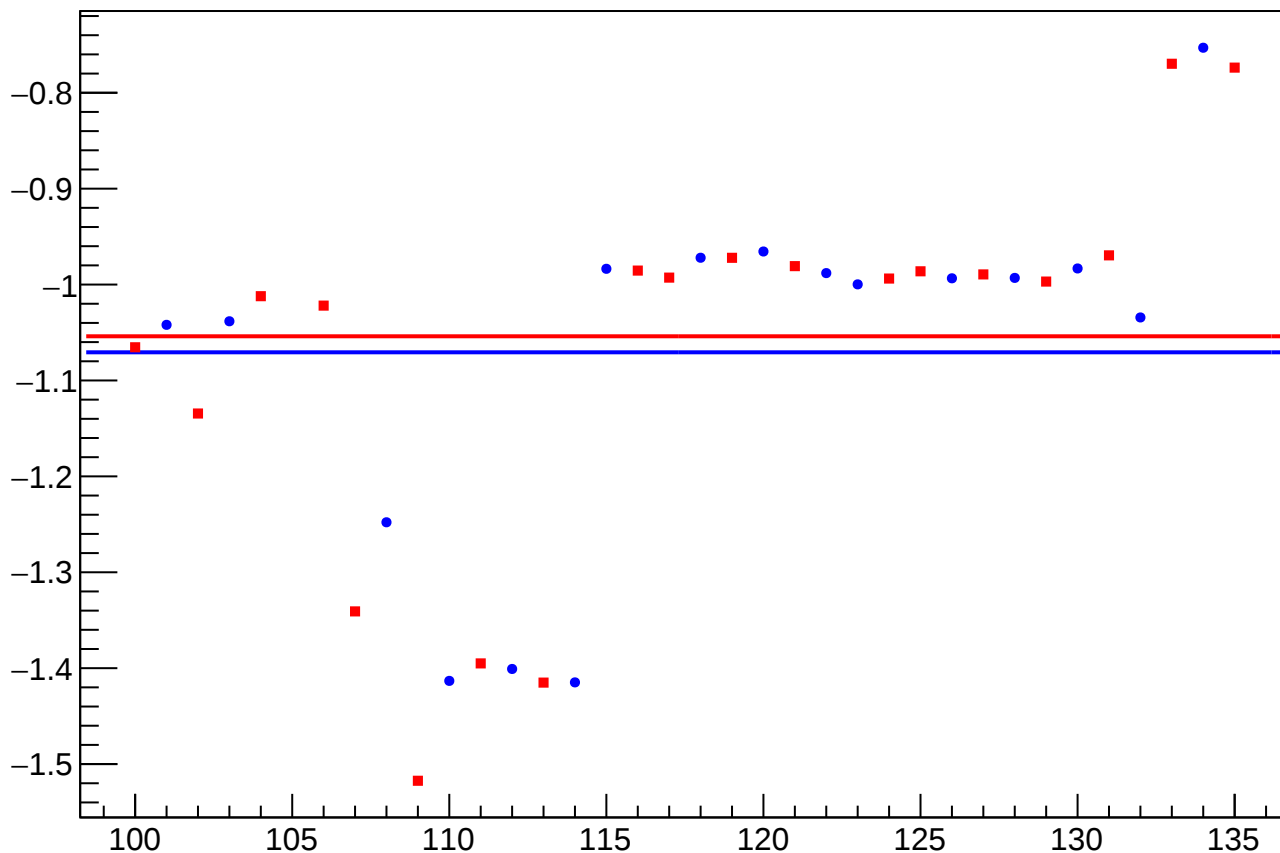
Right Out: 0.013+/-0.000 χ^2/NDF : 1217024.2/18

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 : 1217024.2/18

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

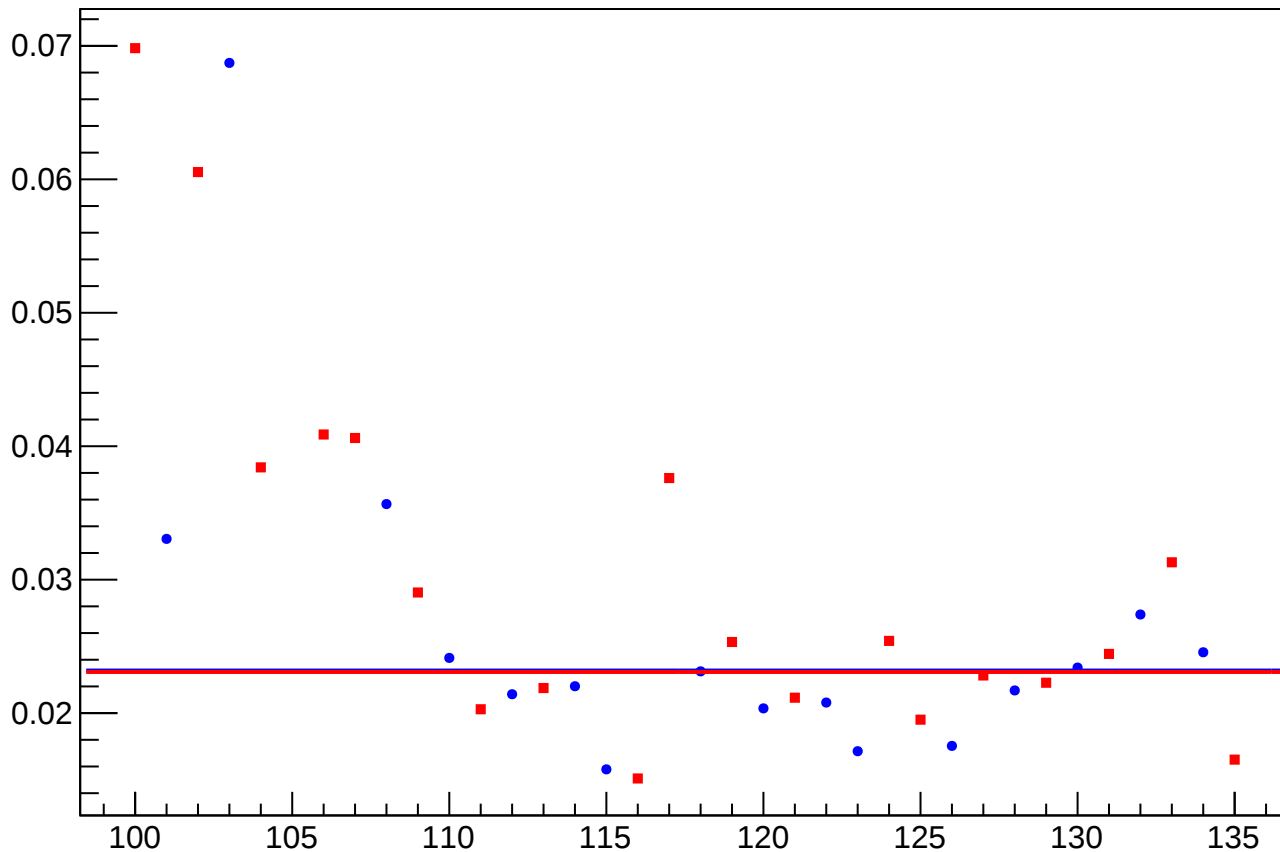
Right Out: -1.054+/-0.000 χ^2/NDF : 501373746.3/18

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

-1.071+/-0.000 χ^2/NDF : 251045142.0/15

-1.054+/-0.000 χ^2/NDF : 501373746.3/18

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

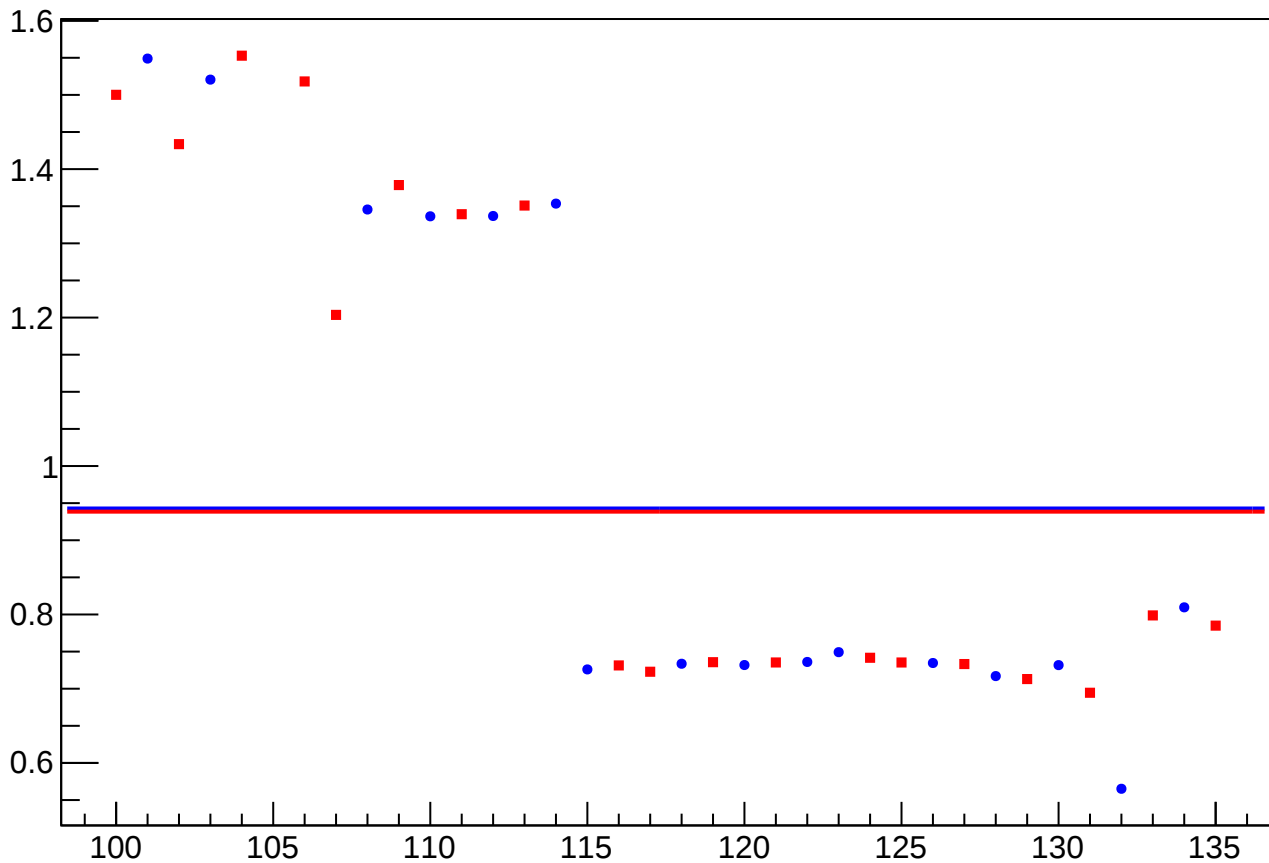
Right Out: 0.023+/-0.000 χ^2/NDF : 1135233.9/18

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

0.023+/-0.000 χ^2/NDF : 809880.3/15

0.023+/-0.000 χ^2/NDF : 1135233.9/18

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

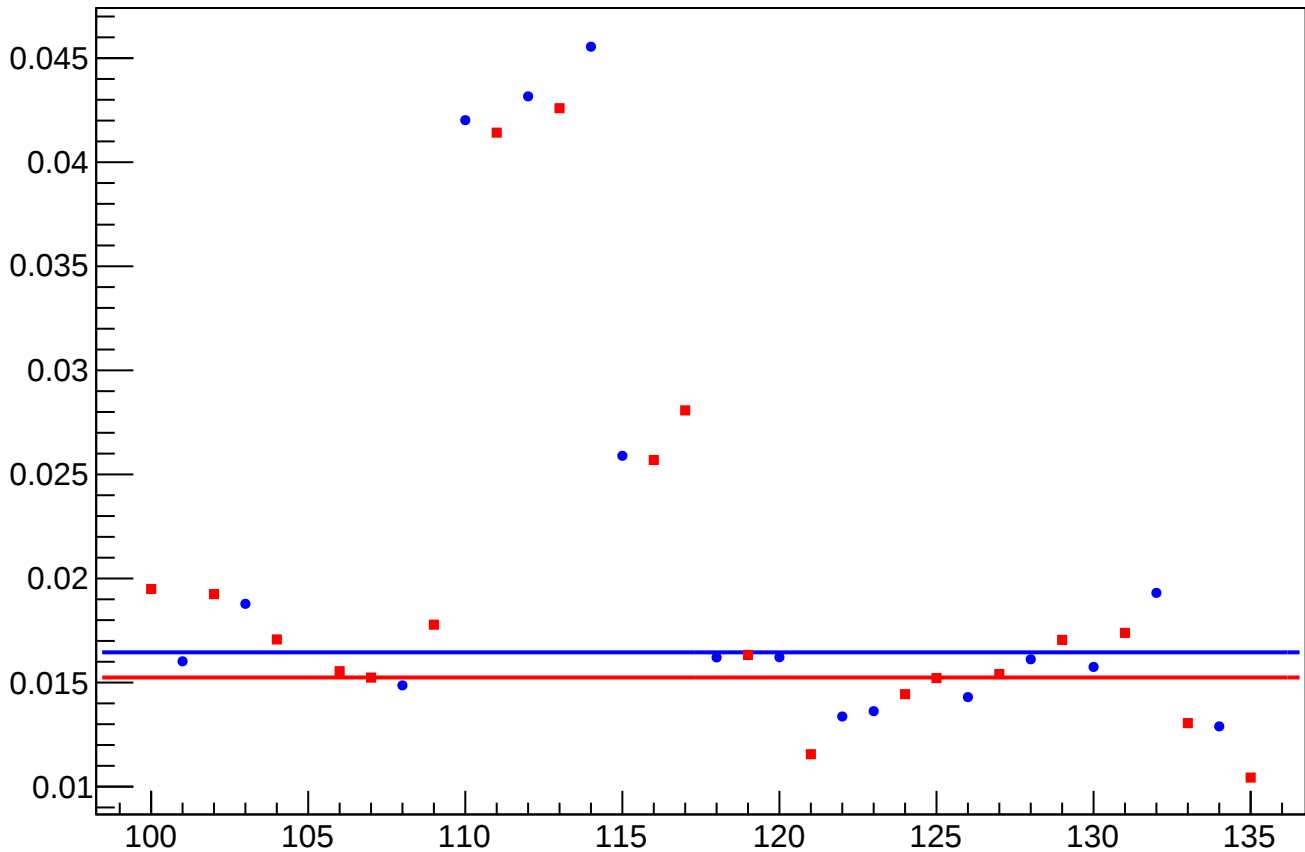
0.943+/-0.000 χ^2/NDF : 2260942649.0/15

Right Out: 0.939+/-0.000 χ^2/NDF : 2397136346.1/18

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

0.939+/-0.000 χ^2/NDF : 2397136346.1/18

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

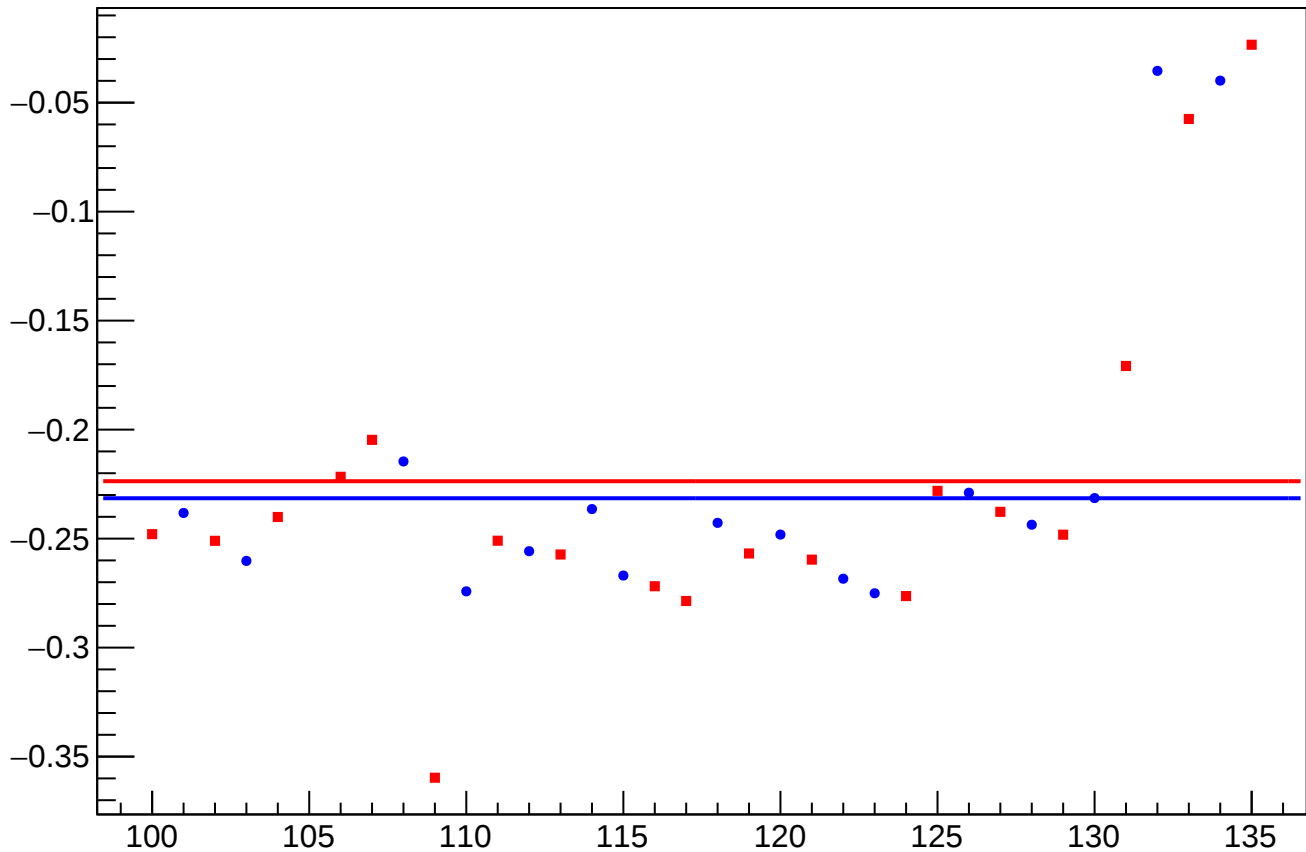
0.016+/-0.000 χ^2/NDF : 833799.9/15

Right Out: 0.015+/-0.000 χ^2/NDF : 1174337.3/18

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

0.015+/-0.000 χ^2/NDF : 1174337.3/18

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

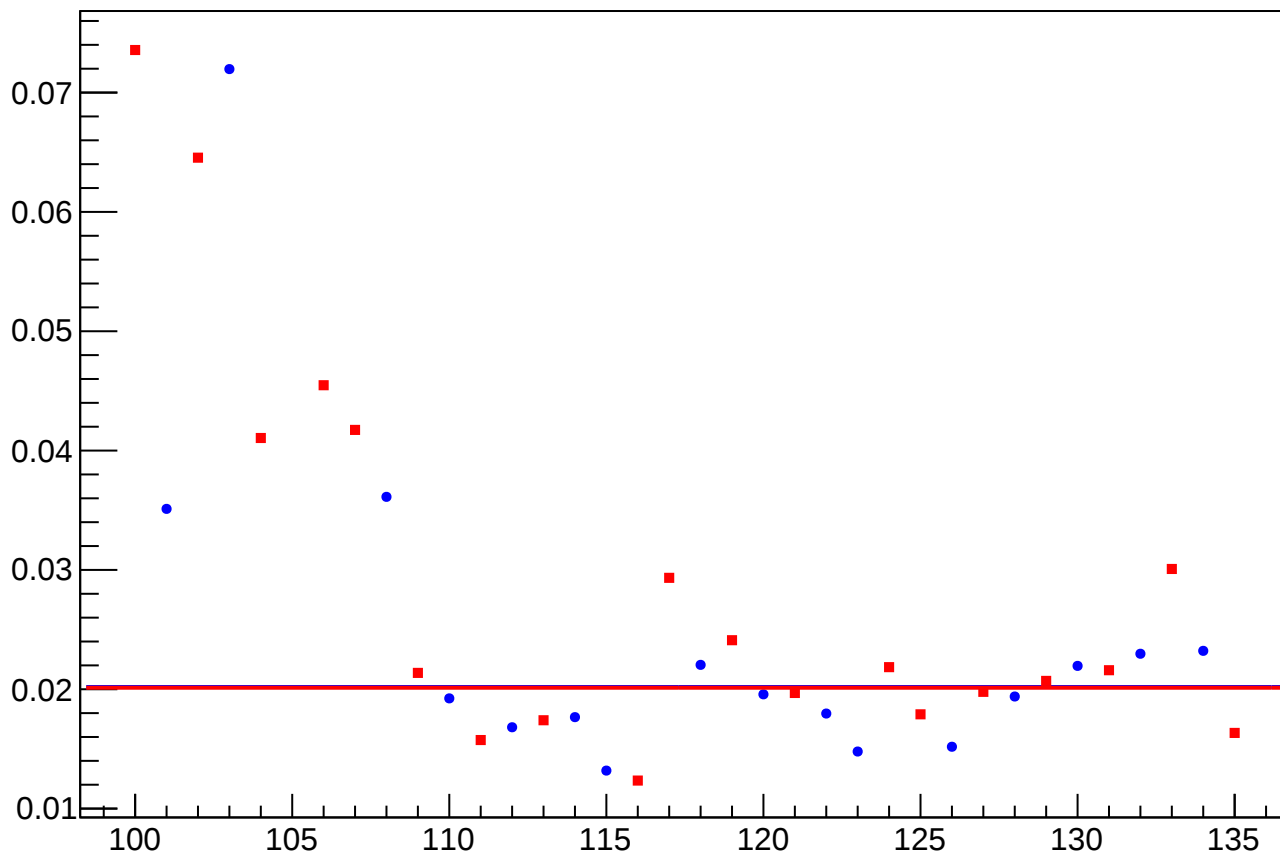
-0.231+/-0.000 χ^2/NDF : 38178776.6/15

Right Out: -0.224+/-0.000 χ^2/NDF : 96219000.0/18

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

-0.224+/-0.000 χ^2/NDF : 96219000.0/18

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

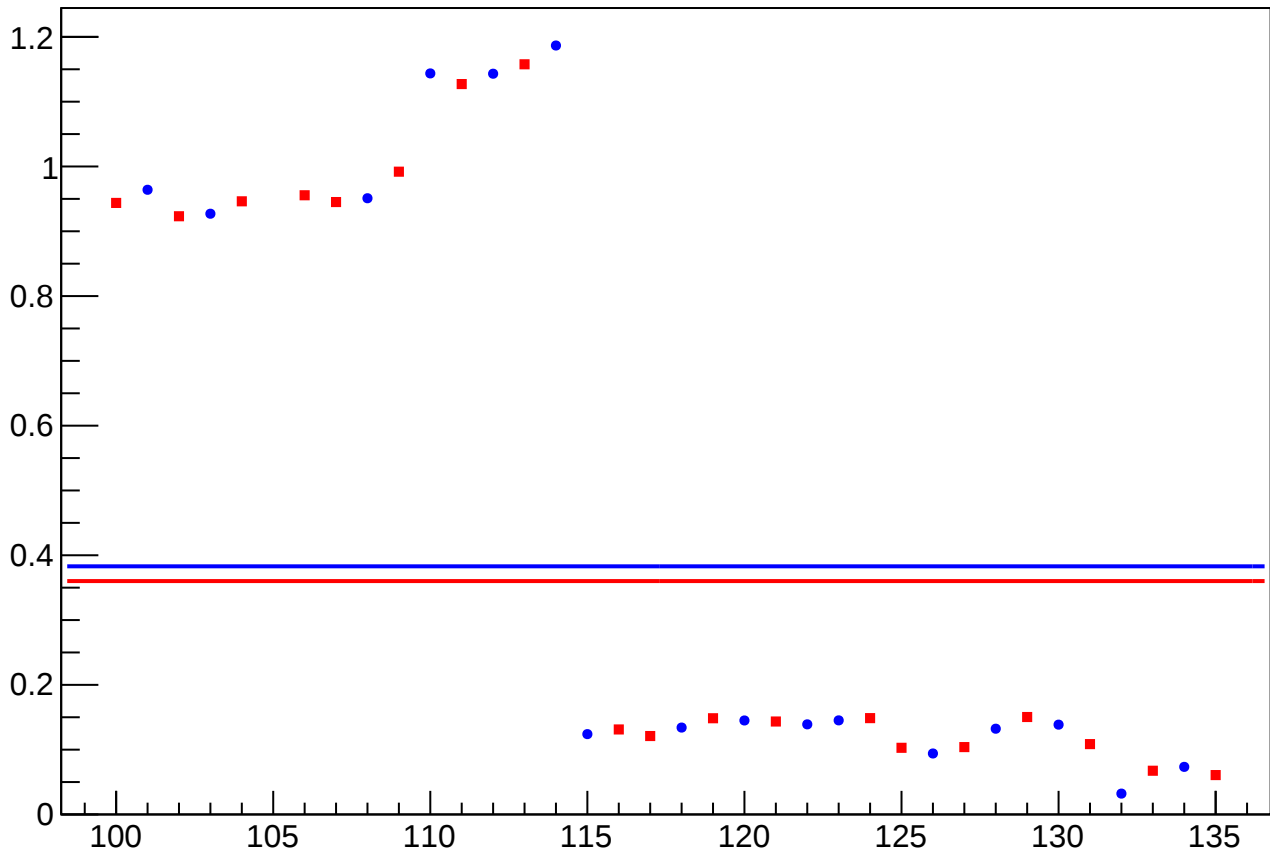
Right Out: 0.020+/-0.000 χ^2/NDF : 1436165.0/18

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

0.020+/-0.000 χ^2/NDF : 1078785.1/15

0.020+/-0.000 χ^2/NDF : 1436165.0/18

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

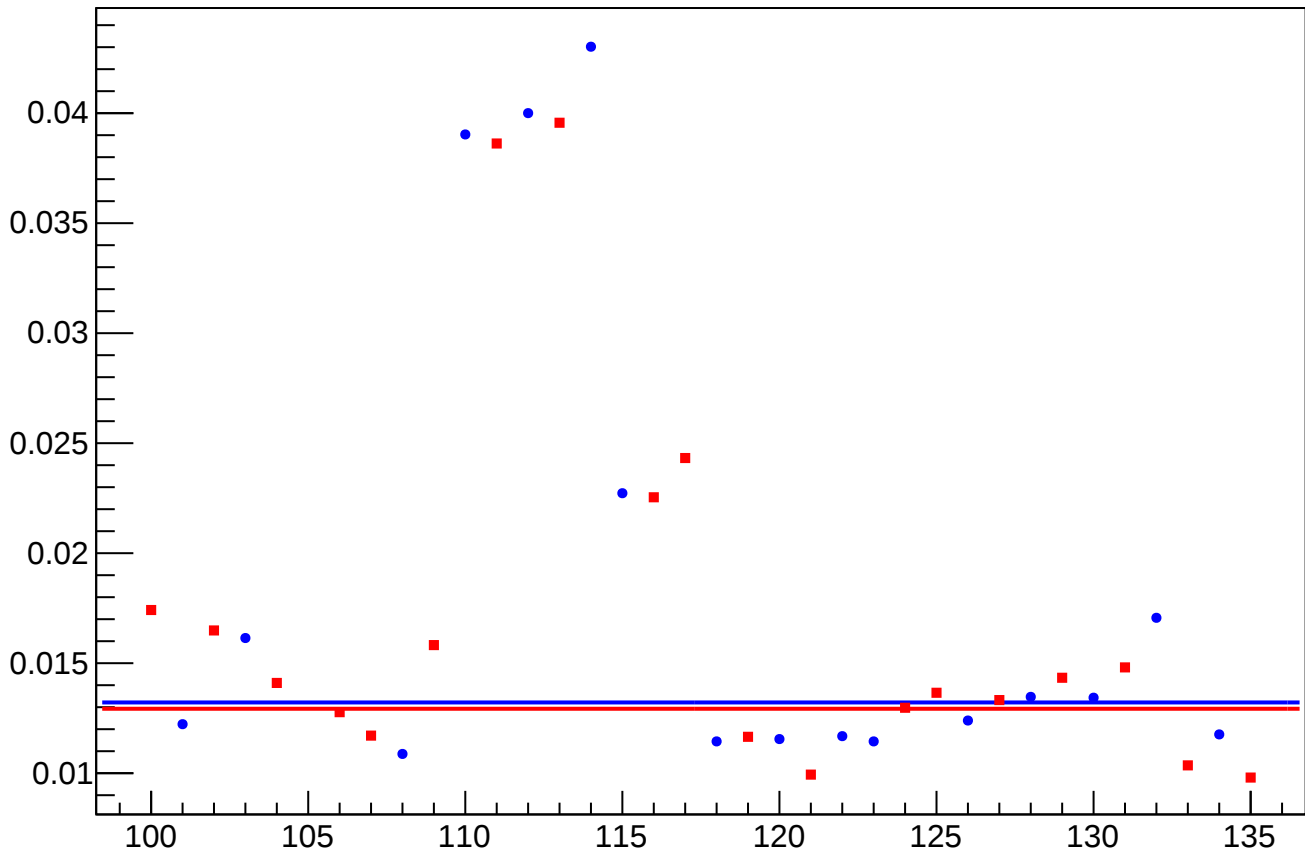
0.383+/-0.000 χ^2/NDF : 4398771409.6/15

Right Out: 0.360+/-0.000 χ^2/NDF : 5255105587.1/18

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

0.360+/-0.000 χ^2/NDF : 5255105587.1/18

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

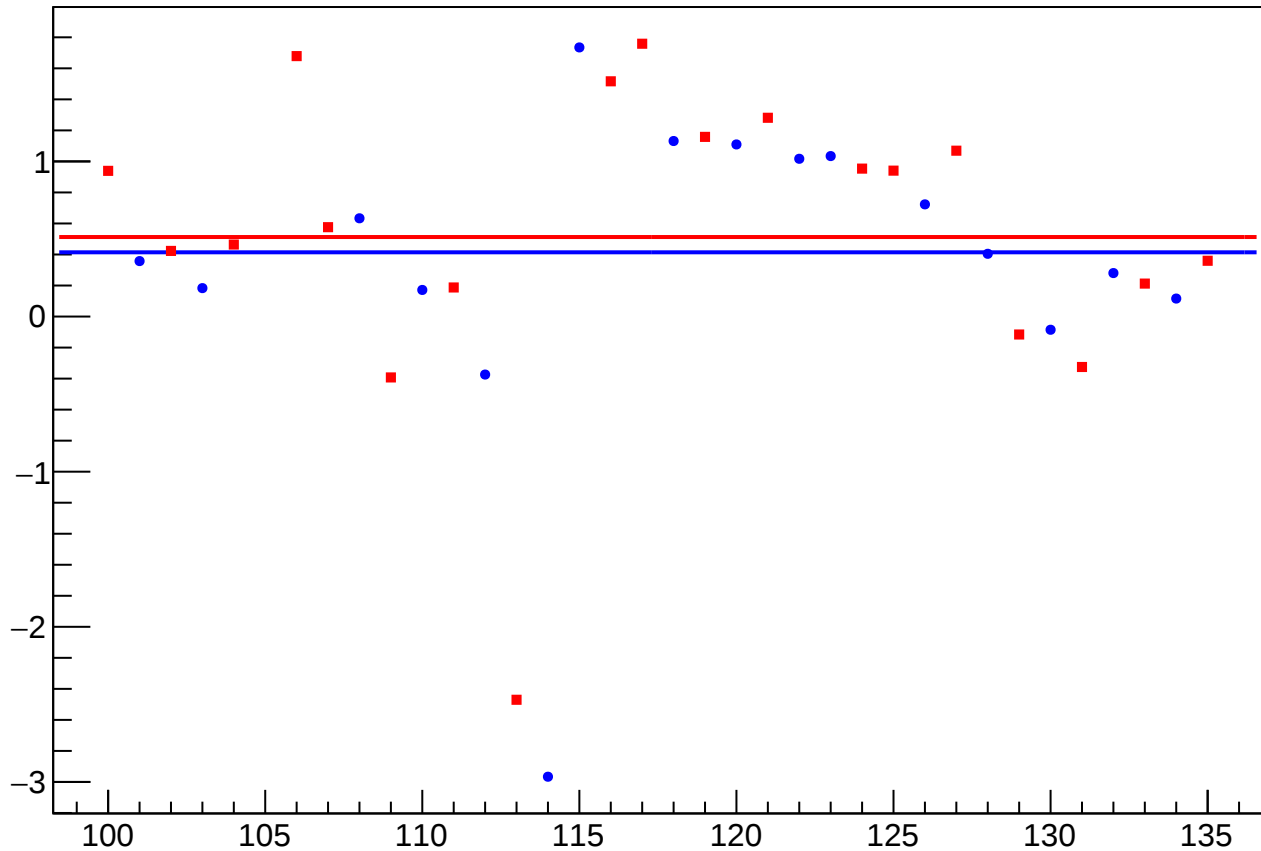
0.013+/-0.000 χ^2/NDF : 995648.8/15

Right Out: 0.013+/-0.000 χ^2/NDF : 1177738.7/18

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

0.013+/-0.000 χ^2/NDF : 1177738.7/18

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

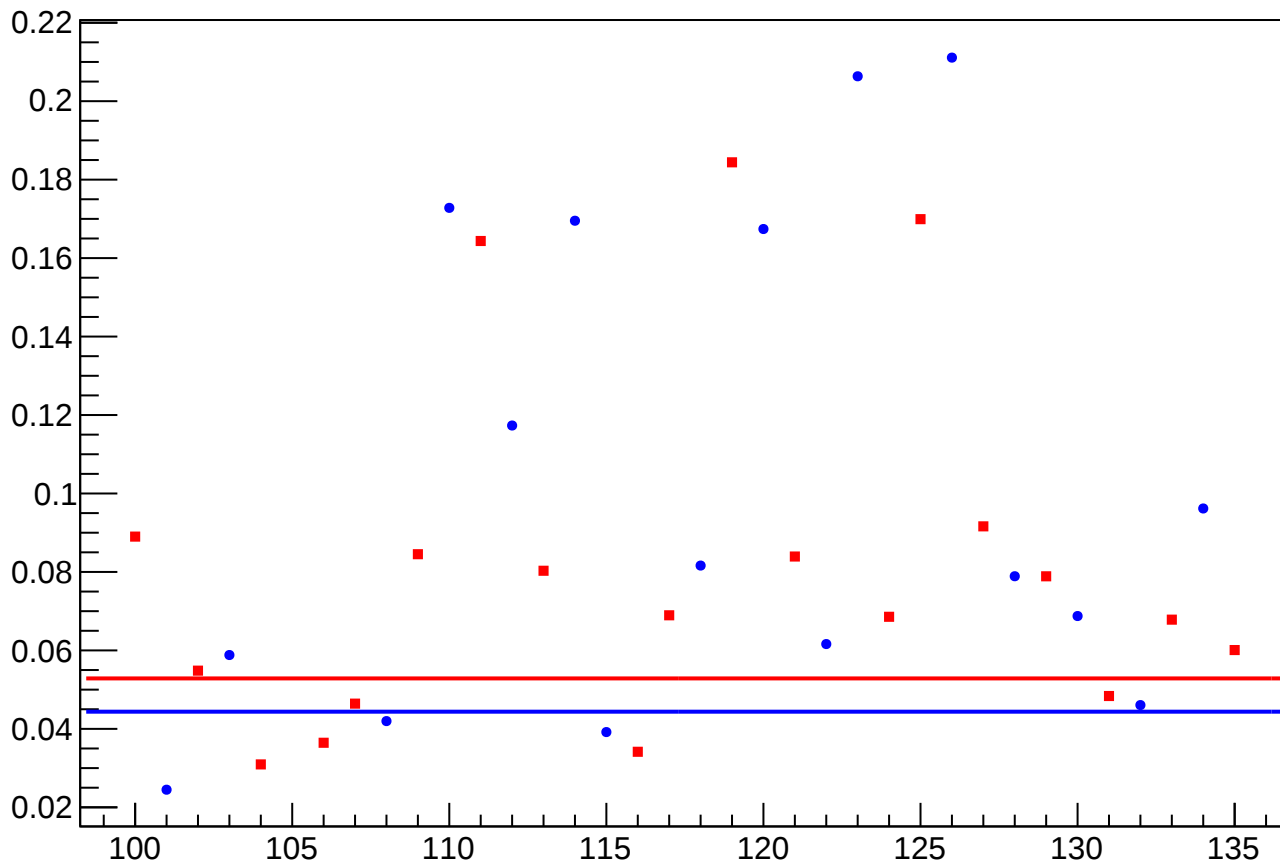
0.414+/-0.000 χ^2/NDF : 233390586.2/15

Right Out: 0.513+/-0.000 χ^2/NDF : 993396169.4/18

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

0.513+/-0.000 χ^2/NDF : 993396169.4/18

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

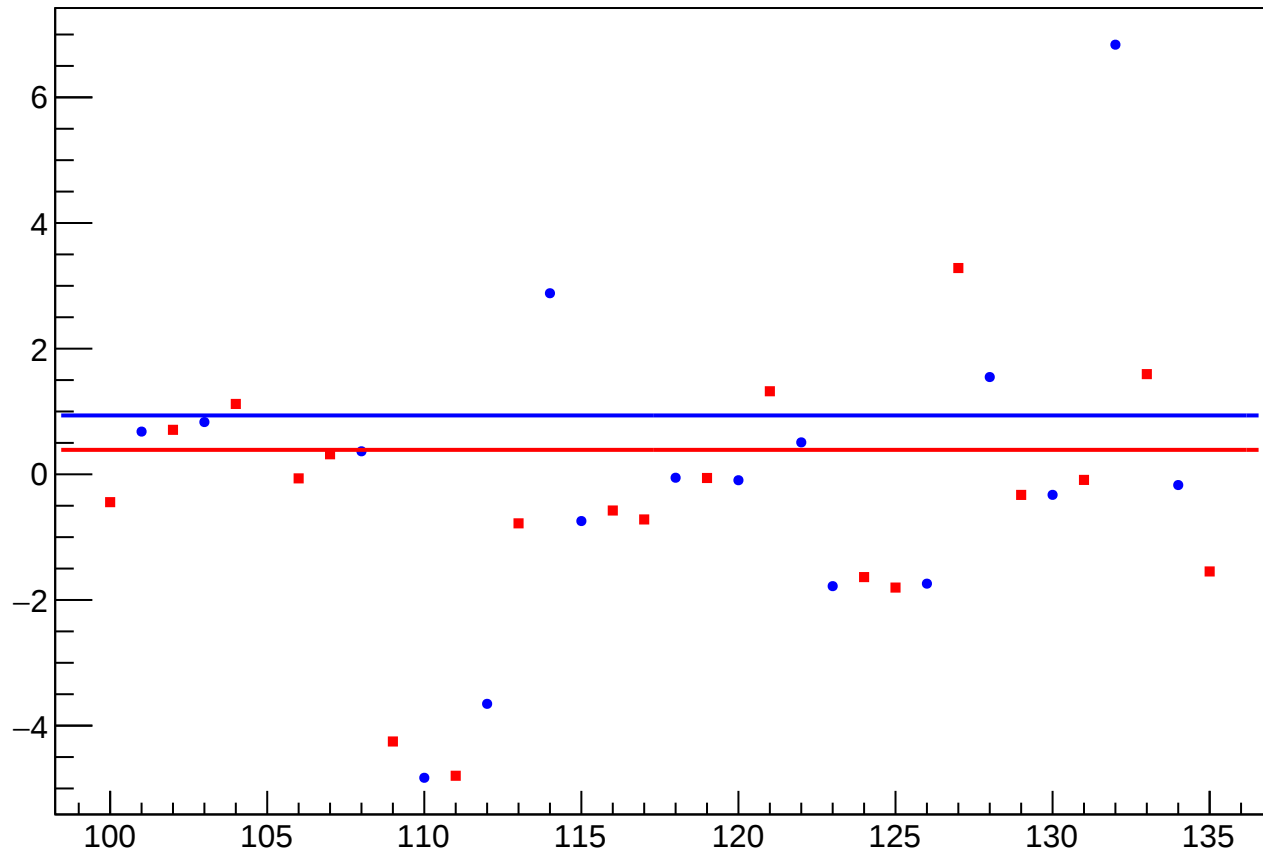
Right Out: 0.053+/-0.000 χ^2/NDF : 2191707.8/18

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

0.044+/-0.000 χ^2/NDF : 2824995.4/15

0.053+/-0.000 χ^2/NDF : 2191707.8/18

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

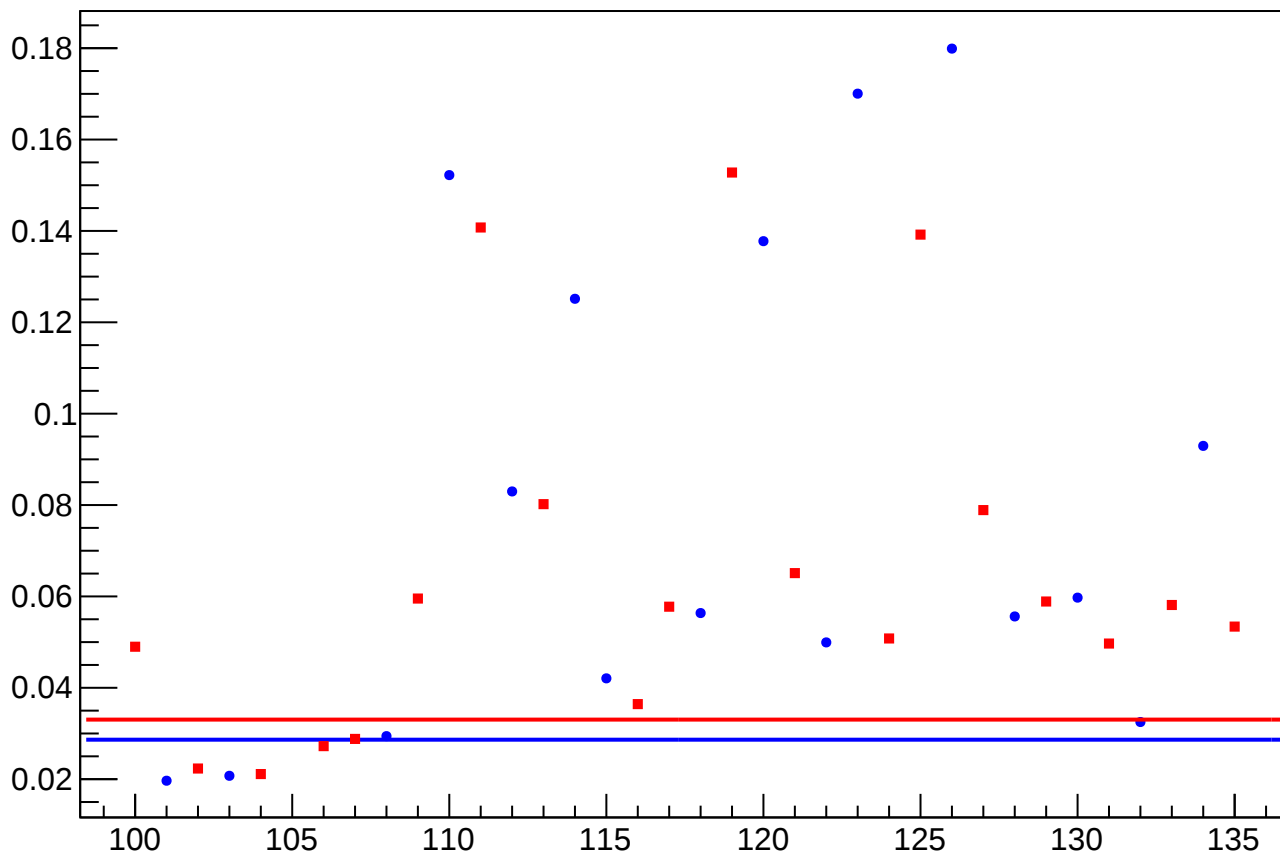
Right Out: 0.389+/-0.000 χ^2/NDF : 4860384446.4/18

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

0.937+/-0.000 χ^2/NDF : 10073697526.1/15

0.389+/-0.000 χ^2/NDF : 4860384446.4/18

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

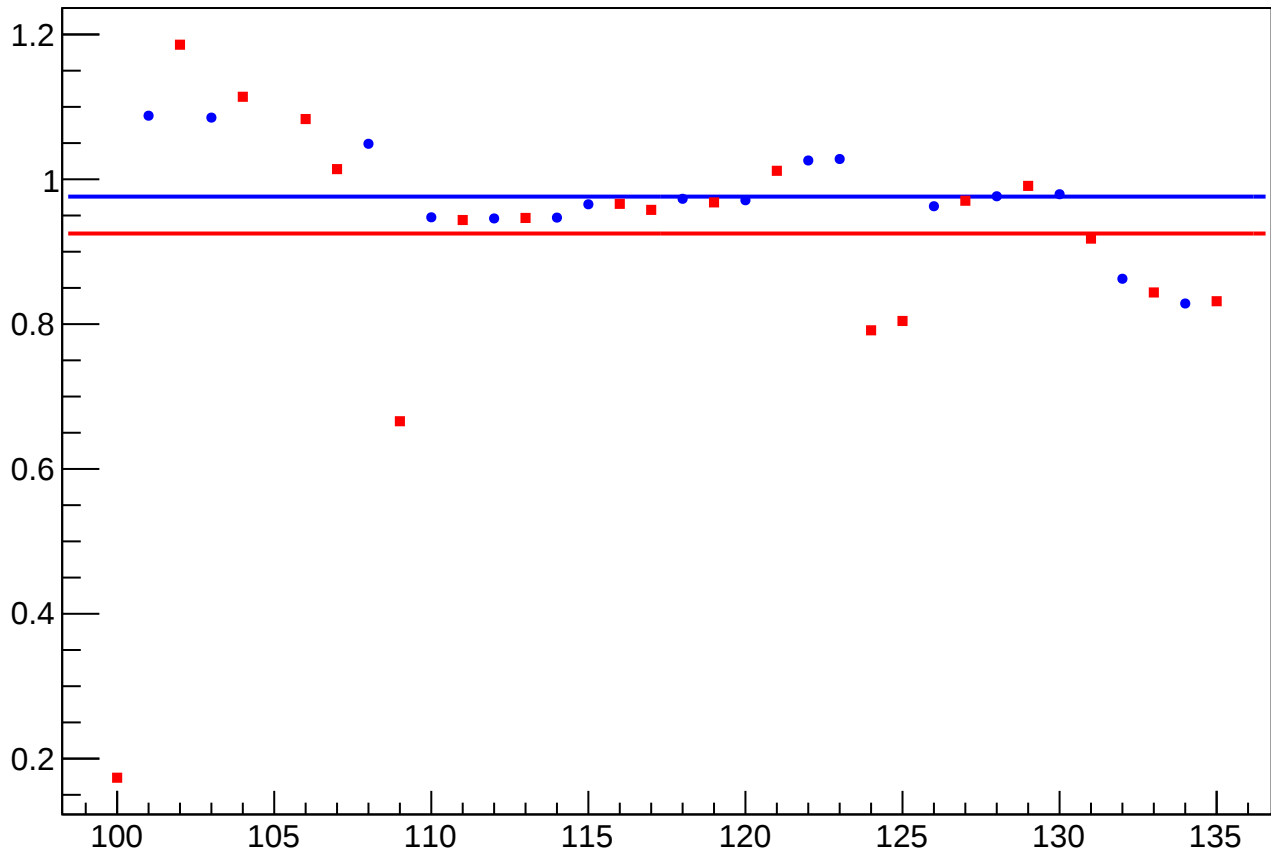
Right Out: 0.033+/-0.000 χ^2/NDF : 3089355.1/18

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

0.029+/-0.000 χ^2/NDF : 2958948.2/15

0.033+/-0.000 χ^2/NDF : 3089355.1/18

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

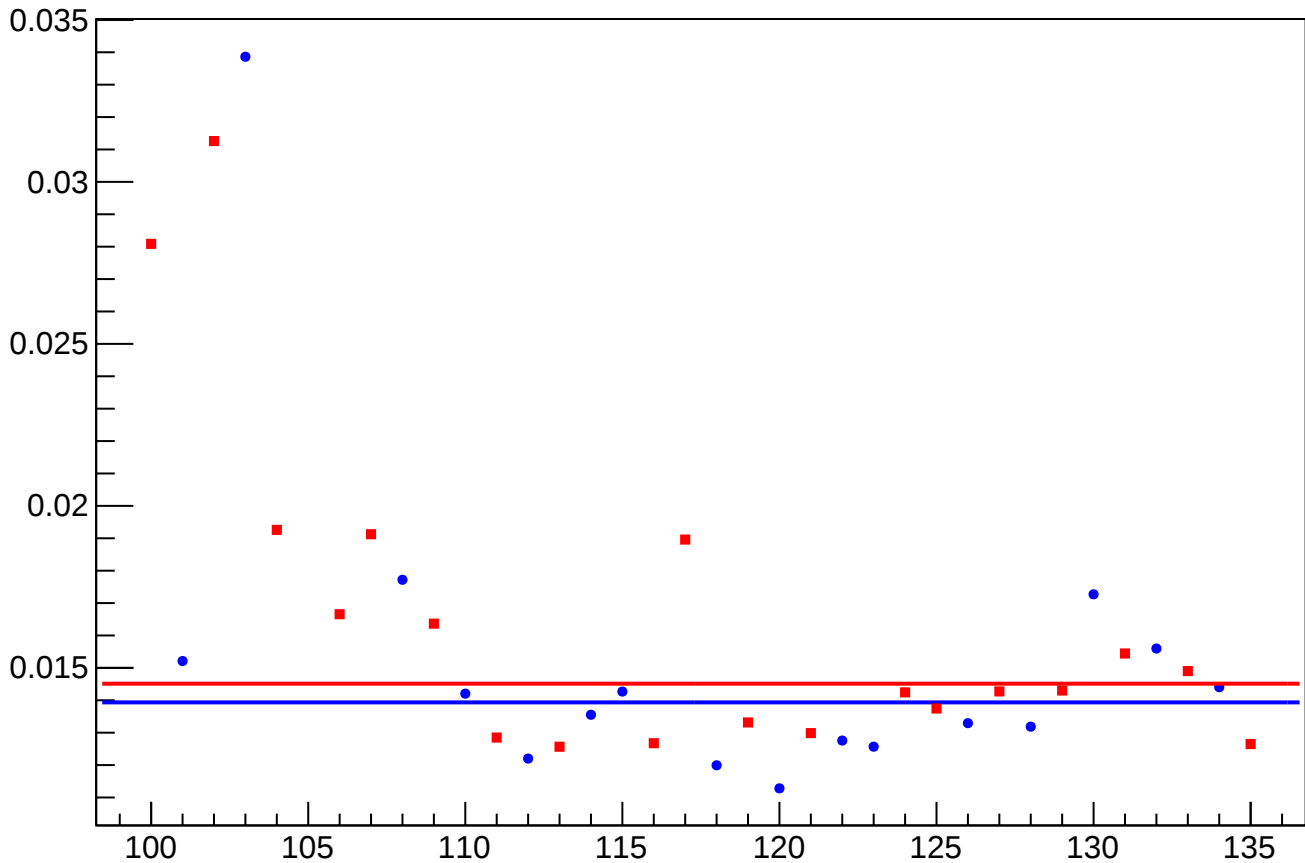
0.976+/-0.000 χ^2/NDF : 88919088.0/15

Right Out: 0.925+/-0.000 χ^2/NDF : 364031230.7/18

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

0.925+/-0.000 χ^2/NDF : 364031230.7/18

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

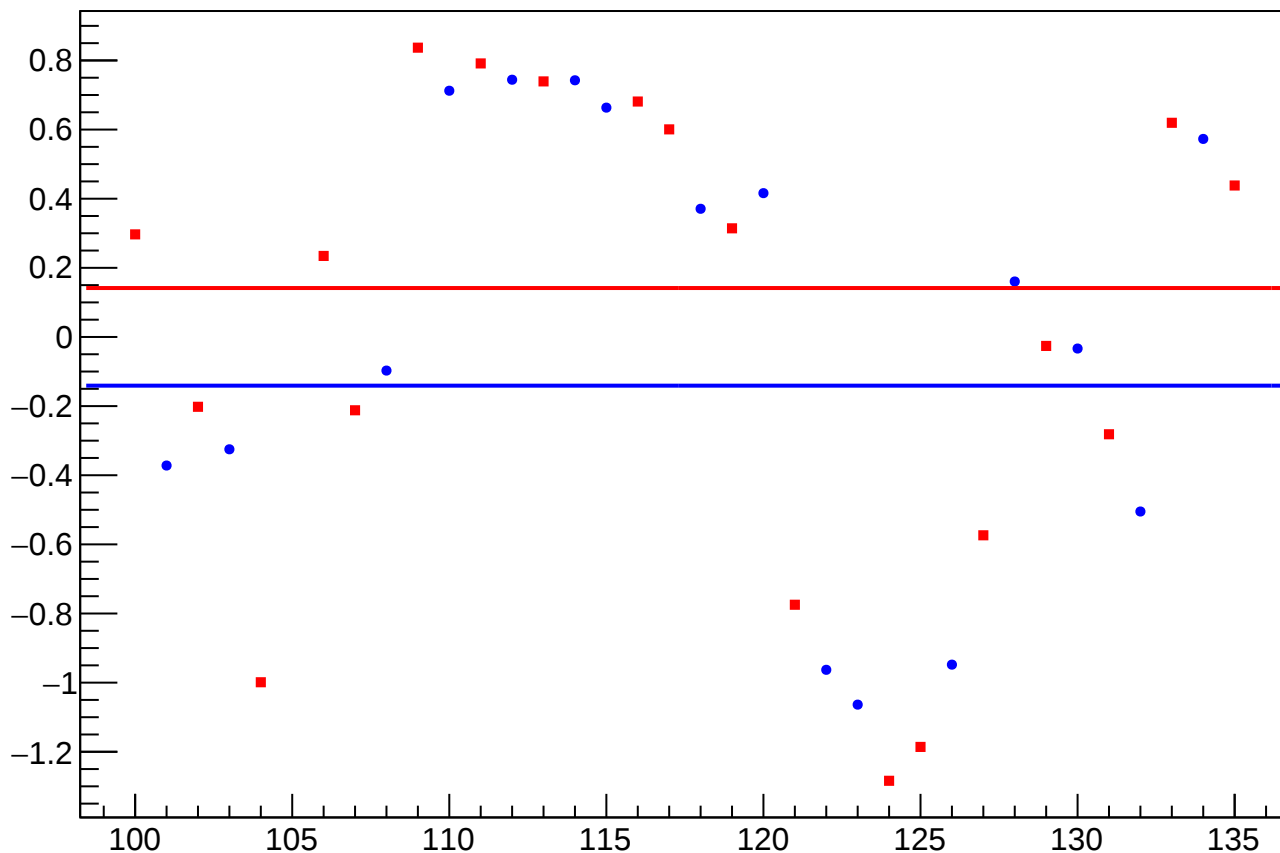
Right Out: 0.015+/-0.000 χ^2/NDF : 494757.8/18

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 : 494757.8/18

yield_bpm11Y_mean vs Slug



Right In: -0.141+/-0.000 χ^2/NDF : 4991905887.7/15

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

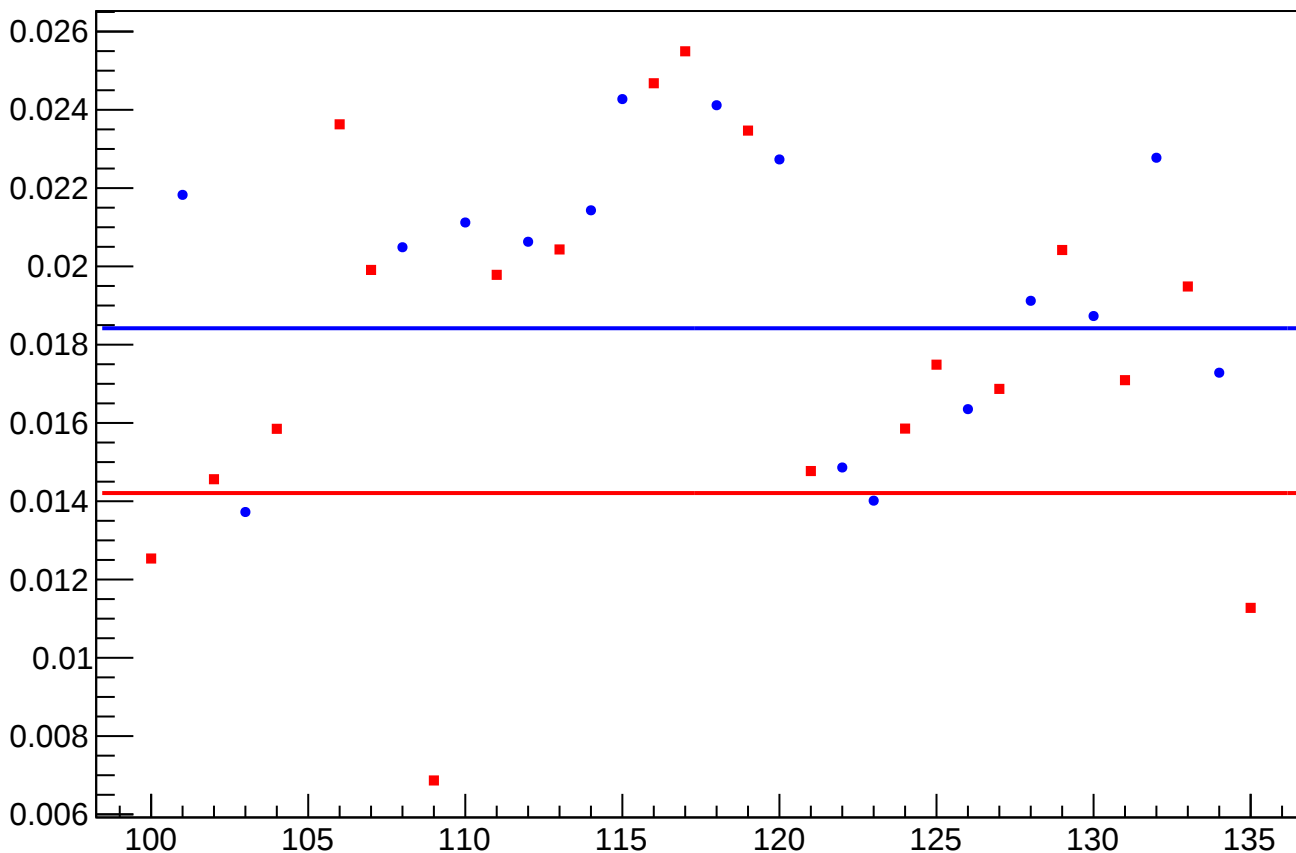
Right Out: 0.142+/-0.000 χ^2/NDF : 12615568290.4/18

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

-0.141+/-0.000 χ^2/NDF : 4991905887.7/15

0.142+/-0.000 χ^2/NDF : 12615568290.4/18

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

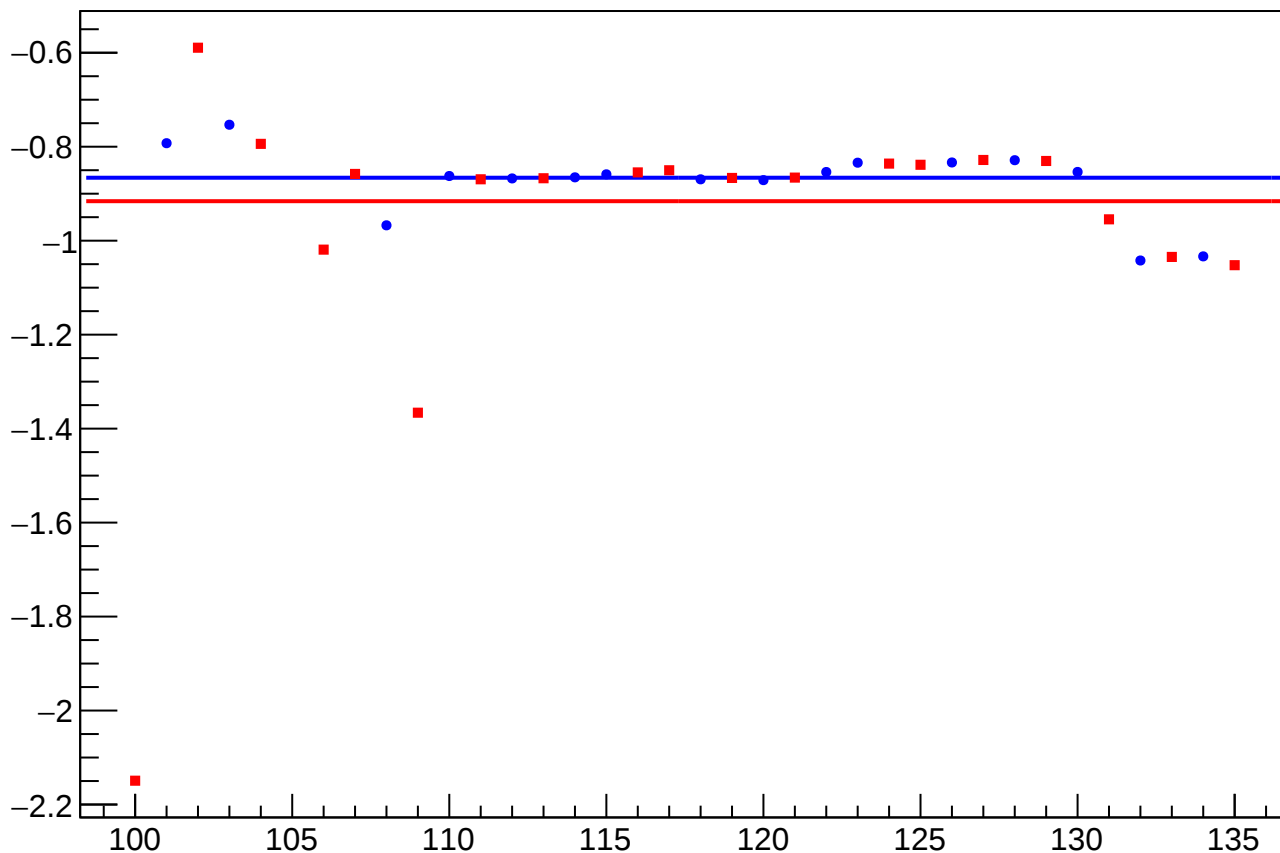
Right Out: 0.014+/-0.000 χ^2/NDF : 1535952.8/18

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

0.018+/-0.000 χ^2/NDF : 366021.1/15

0.014+/-0.000 χ^2/NDF : 1535952.8/18

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

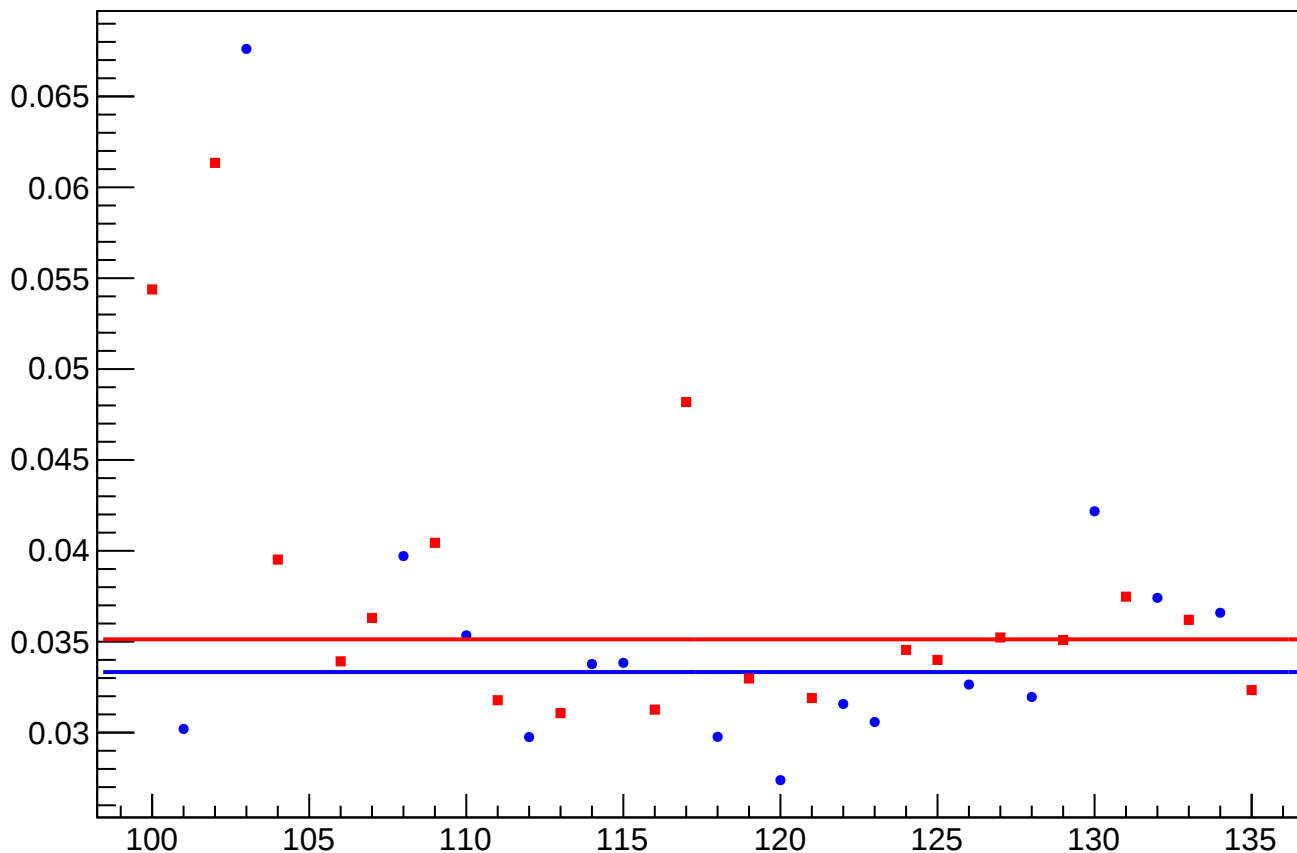
Right Out: -0.916+/-0.000 χ^2 /NDF: 128360647.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.866+/-0.000 χ^2 /NDF: 19856264.0/15

-0.916+/-0.000 χ^2 /NDF: 128360647.9/18

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

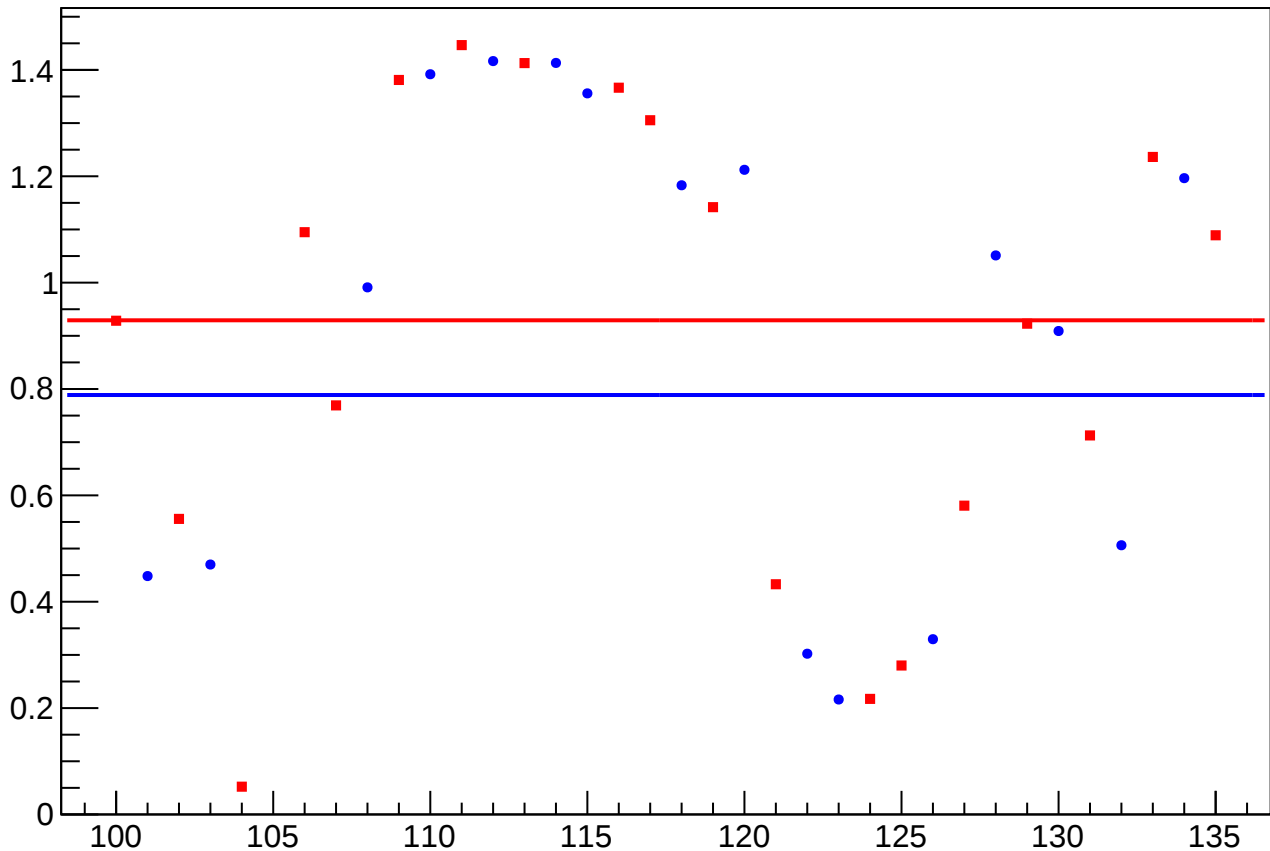
Right Out: 0.035+/-0.000 χ^2/NDF : 272262.8/18

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 : 272262.8/18

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

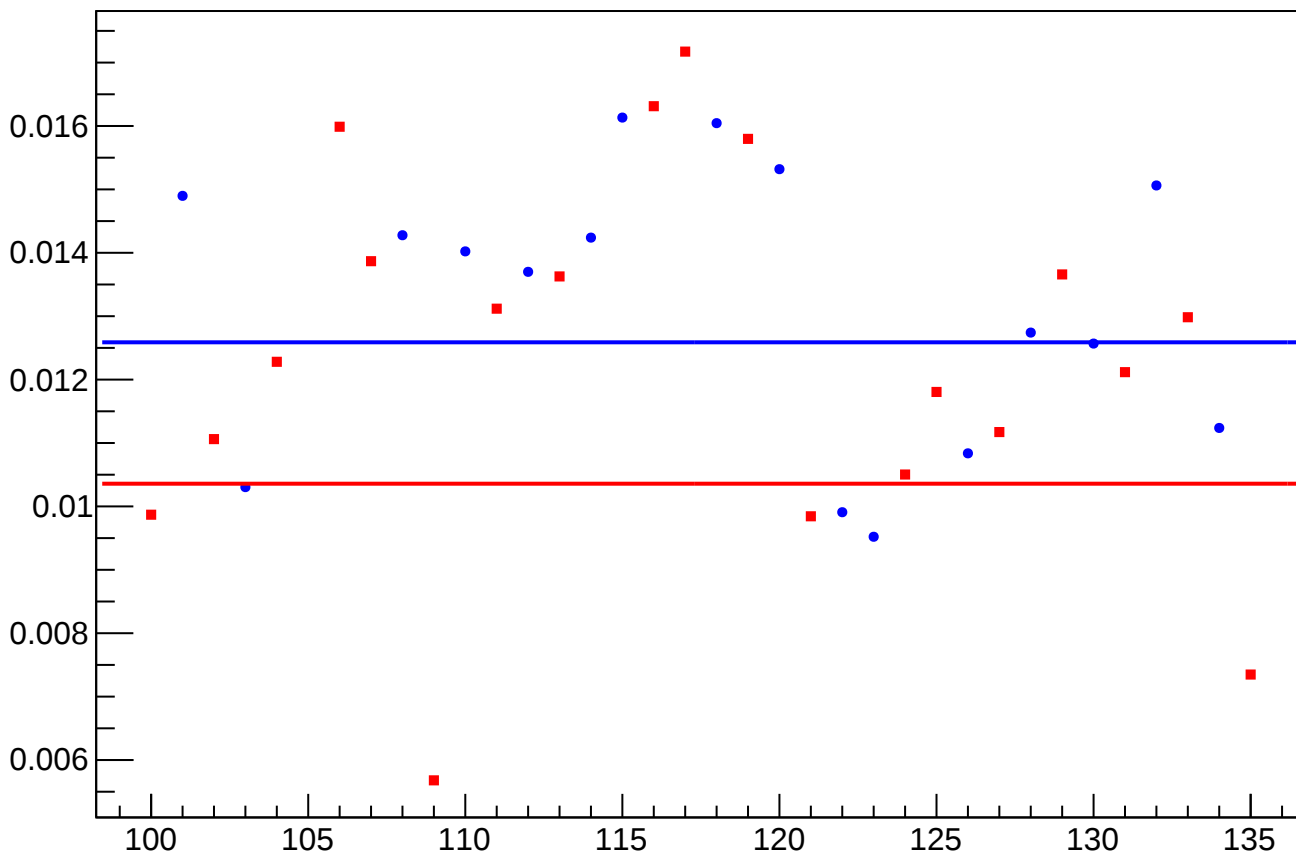
0.789+/-0.000 χ^2/NDF : 5631866080.4/15

Right Out: 0.929+/-0.000 χ^2/NDF : 9815324489.4/18

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

0.929+/-0.000 χ^2/NDF : 9815324489.4/18

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

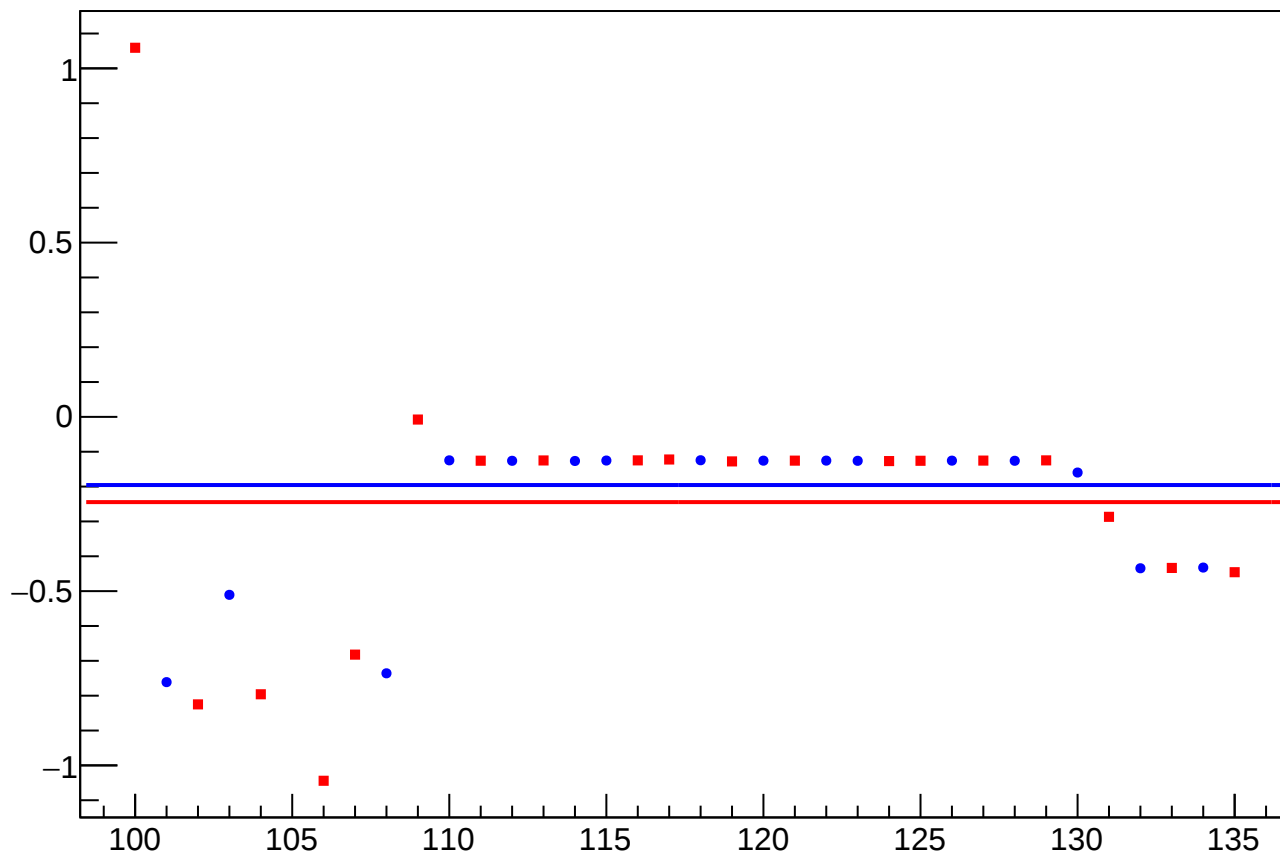
Right Out: 0.010+/-0.000 χ^2/NDF : 1102452.2/18

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

0.013+/-0.000 χ^2/NDF : 286530.8/15

0.010+/-0.000 χ^2/NDF : 1102452.2/18

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

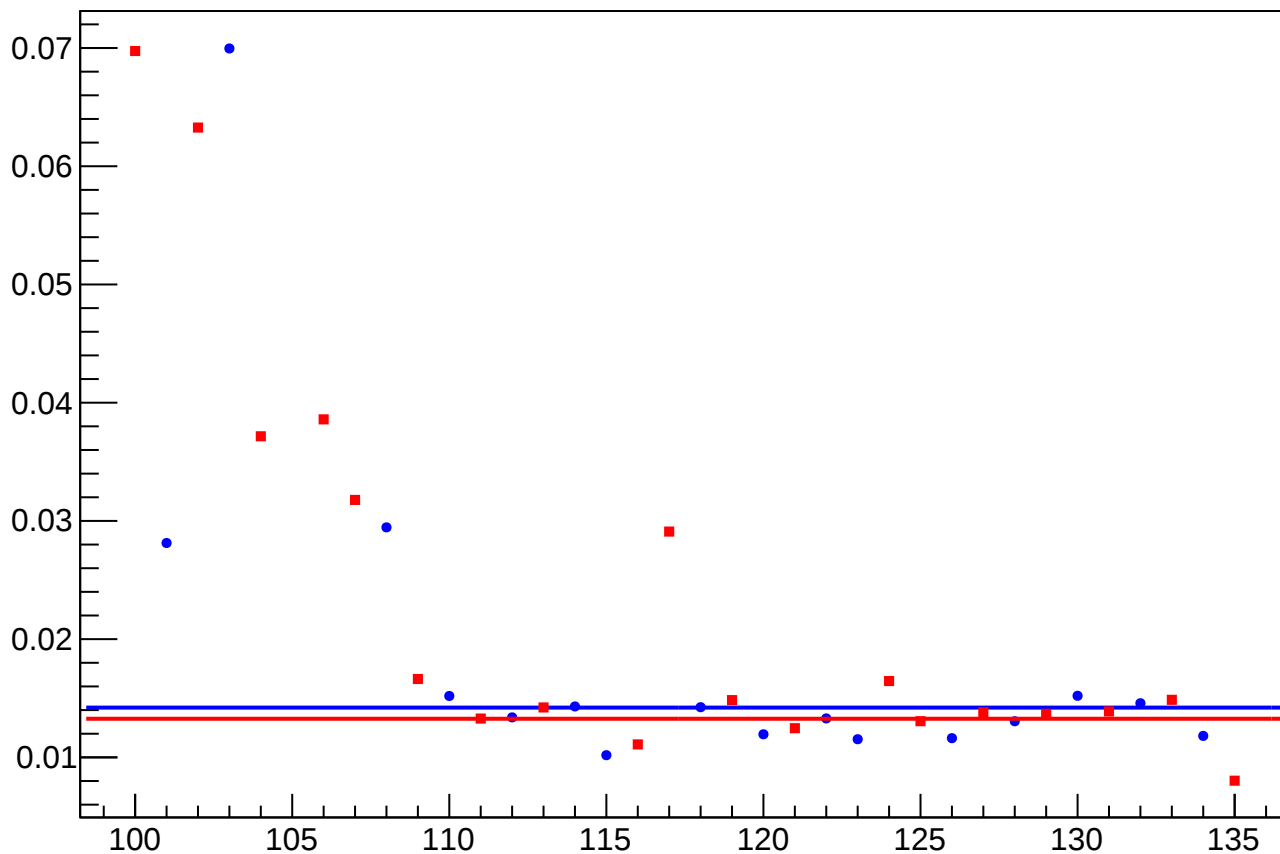
Right Out: -0.245+/-0.000 χ^2/NDF : 914978663.2/18

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

-0.196+/-0.000 χ^2/NDF : 527141771.2/15

-0.245+/-0.000 χ^2/NDF : 914978663.2/18

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

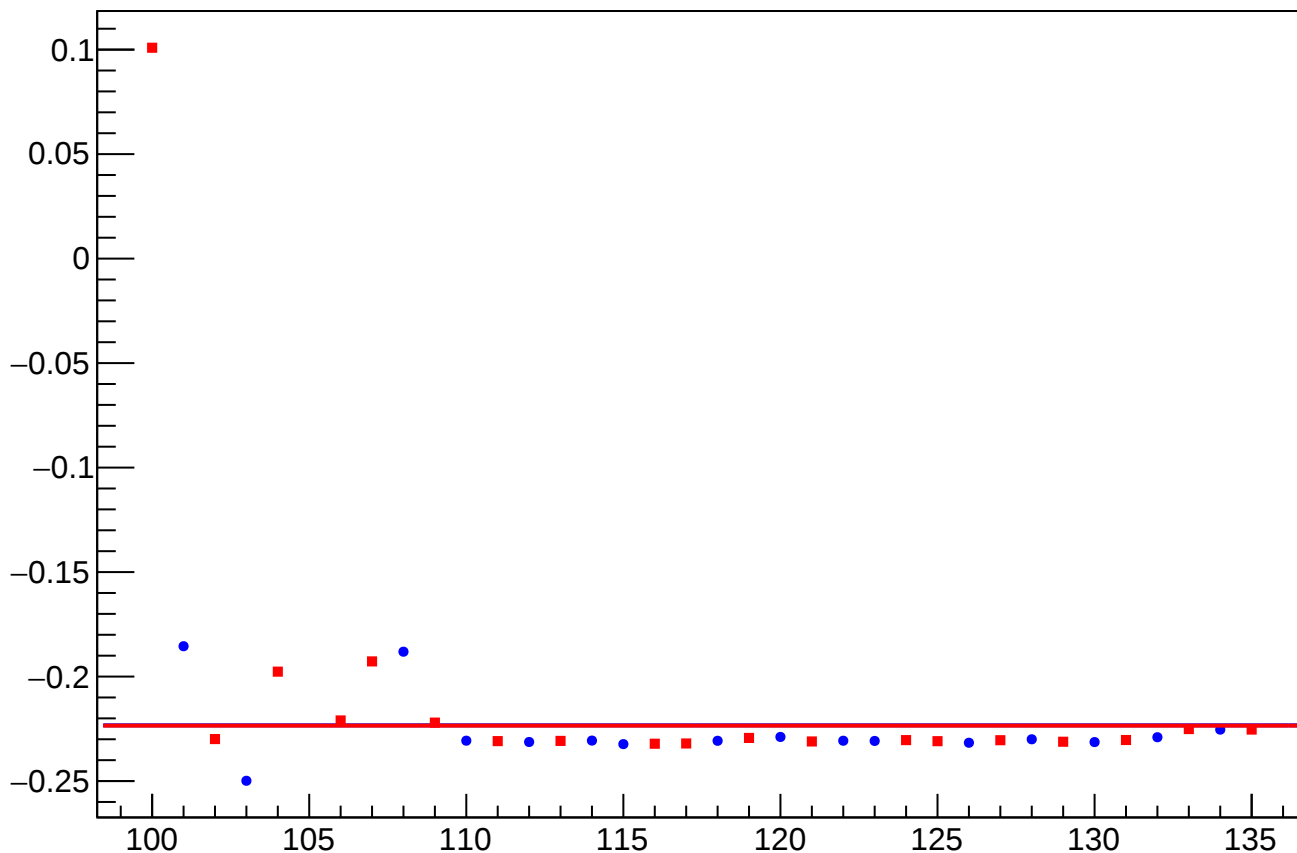
Right Out: 0.013+/-0.000 χ^2/NDF : 1842480.9/18

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

0.014+/-0.000 χ^2/NDF : 1197306.1/15

0.013+/-0.000 χ^2/NDF : 1842480.9/18

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

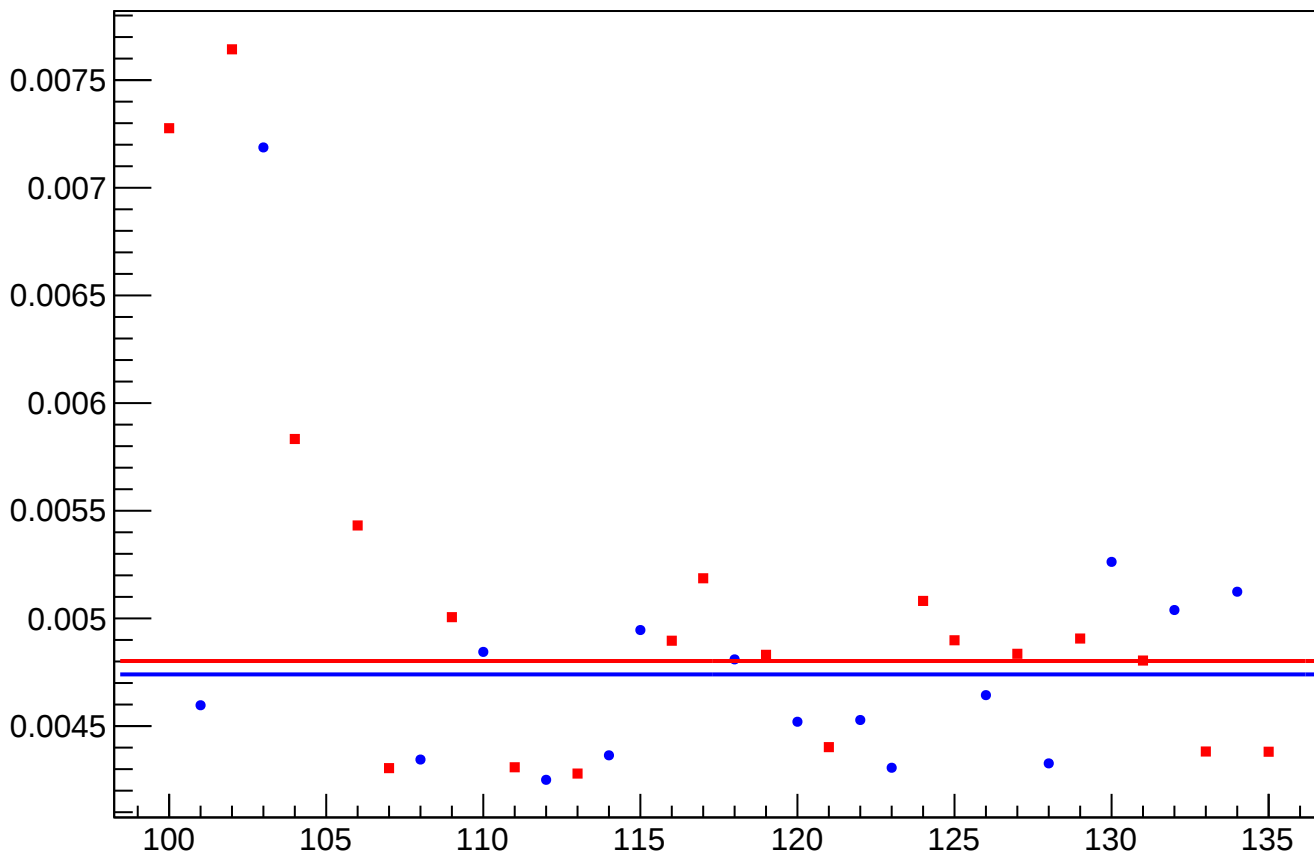
Right Out: -0.223+/-0.000 χ^2/NDF : 168123188.3/18

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 : 168123188.3/18

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

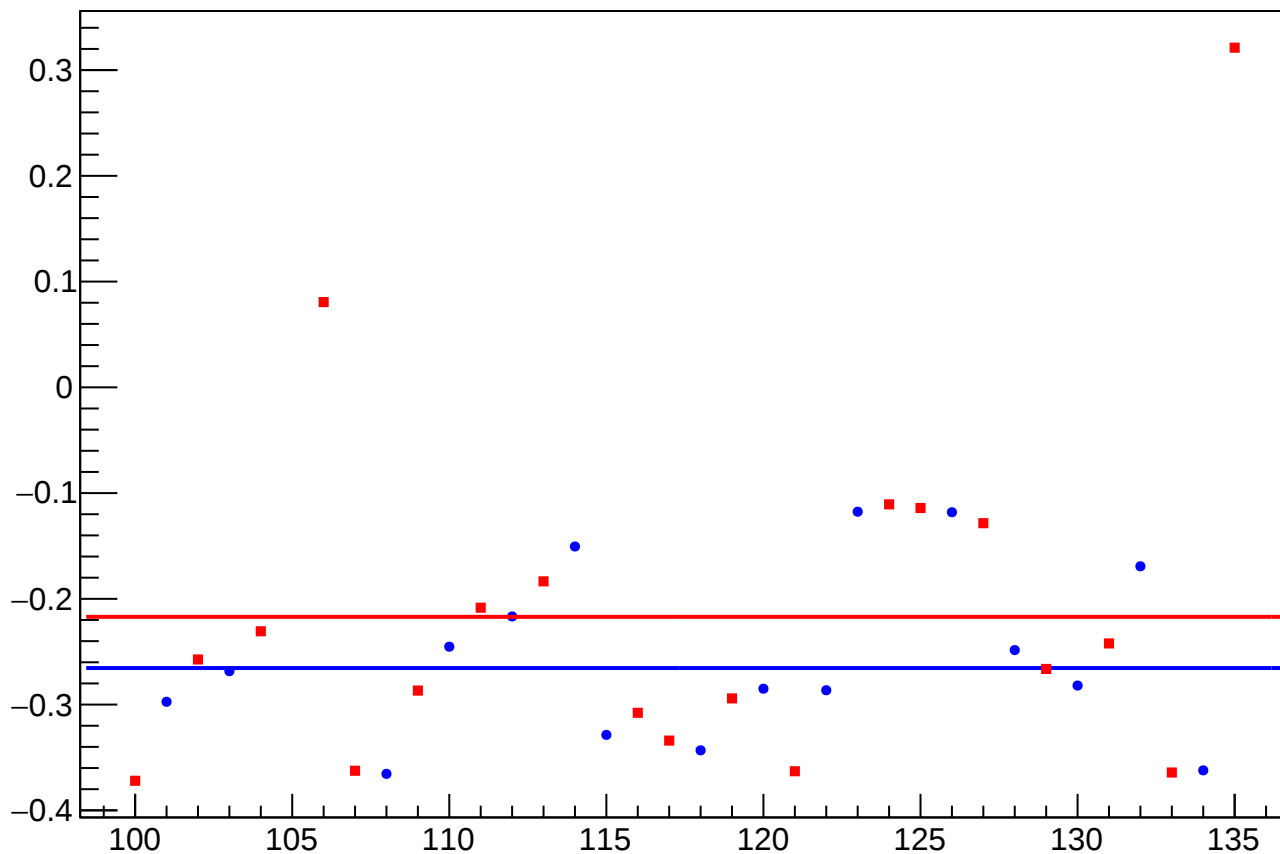
Right Out: 0.005+/-0.000 χ^2/NDF : 245407.4/18

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 : 245407.4/18

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

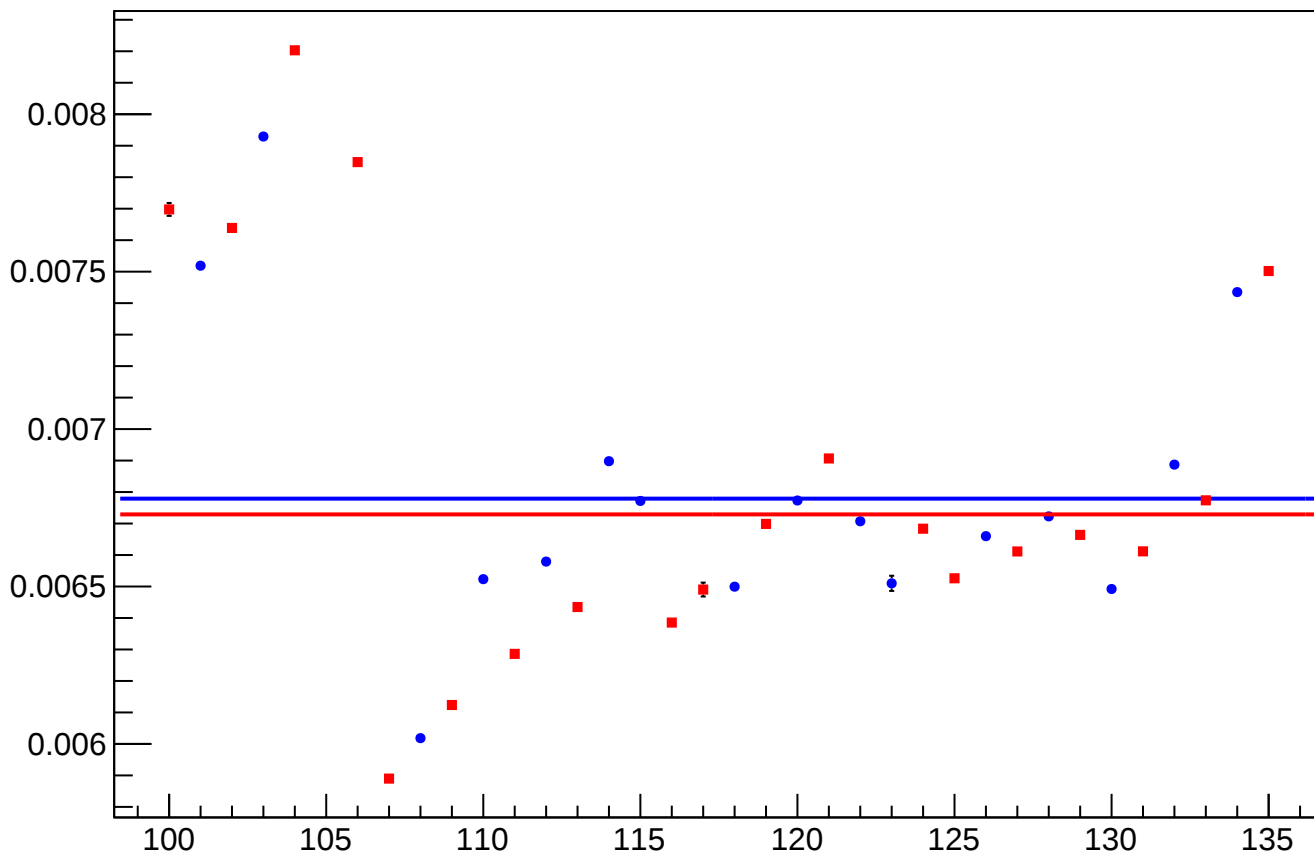
Right Out: -0.217+/-0.000 χ^2/NDF : 3715830920.6/18

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

-0.265+/-0.000 χ^2/NDF : 583504586.4/15

-0.217+/-0.000 χ^2/NDF : 3715830920.6/18

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

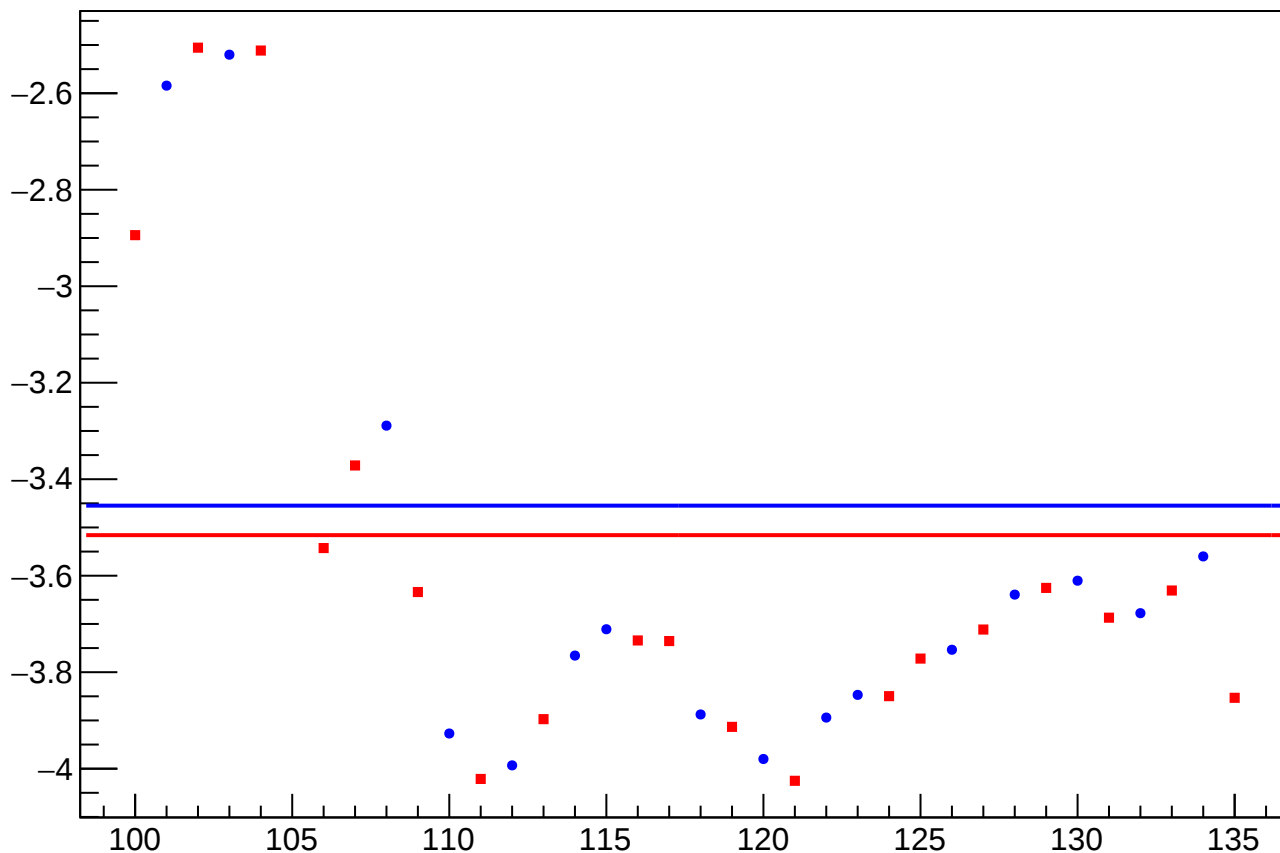
Right Out: 0.007+/-0.000 χ^2/NDF : 99817.3/18

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 : 99817.3/18

yield_bpm0i02Y_mean vs Slug



Right In: -3.455+/-0.000 χ^2/NDF : 26415934735.8/15

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

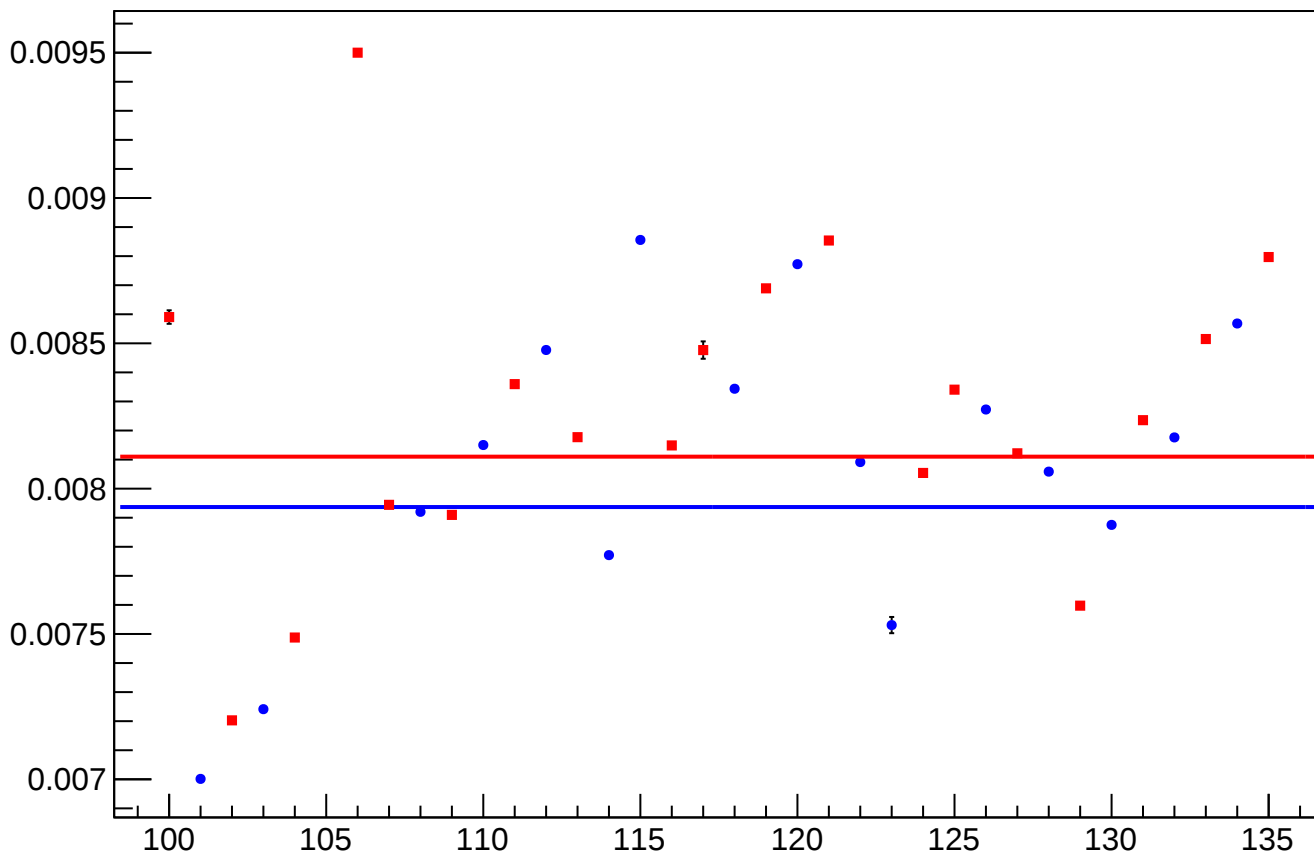
Right Out: -3.516+/-0.000 χ^2/NDF : 26310756641.9/18

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

-3.455+/-0.000 χ^2/NDF : 26415934735.8/15

-3.516+/-0.000 χ^2/NDF : 26310756641.9/18

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

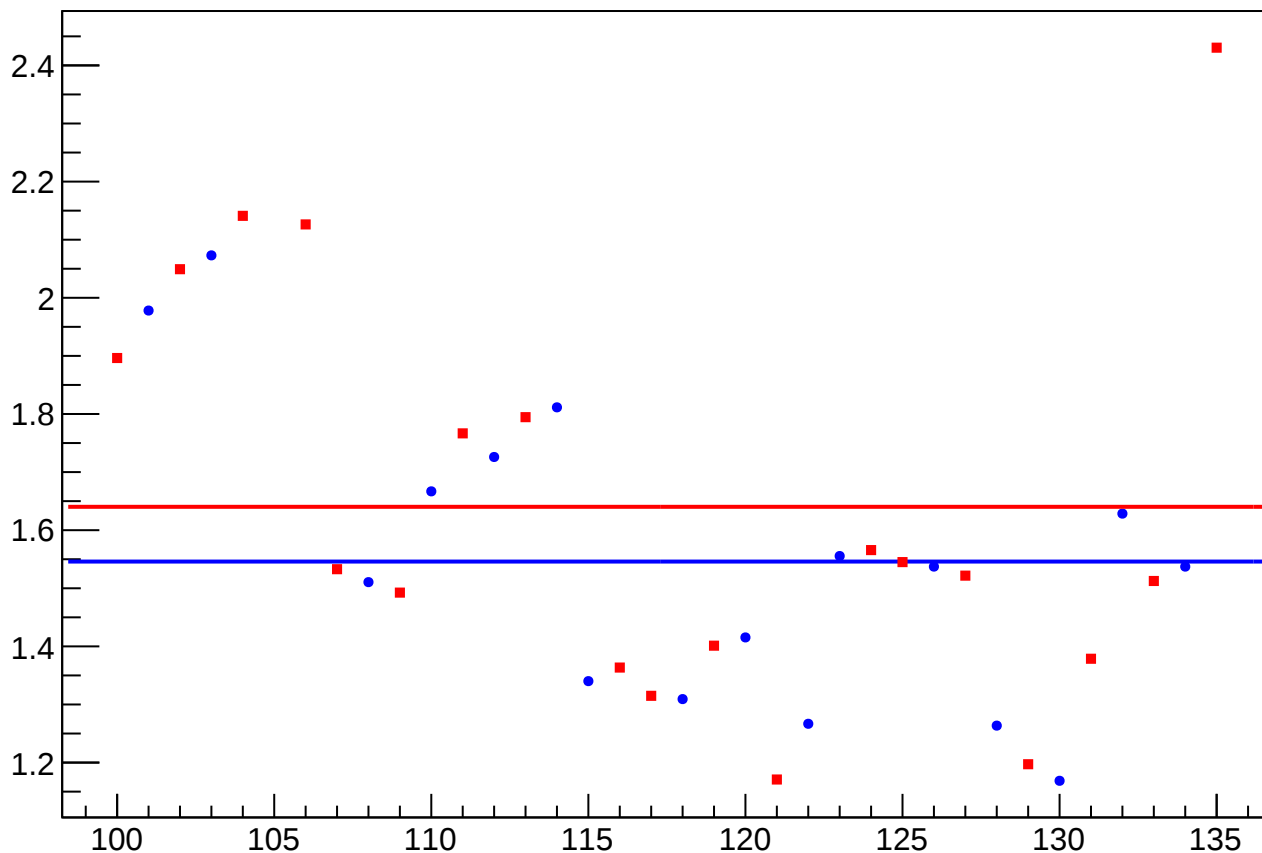
Right Out: 0.008+/-0.000 χ^2/NDF : 53673.2/18

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 : 53673.2/18

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

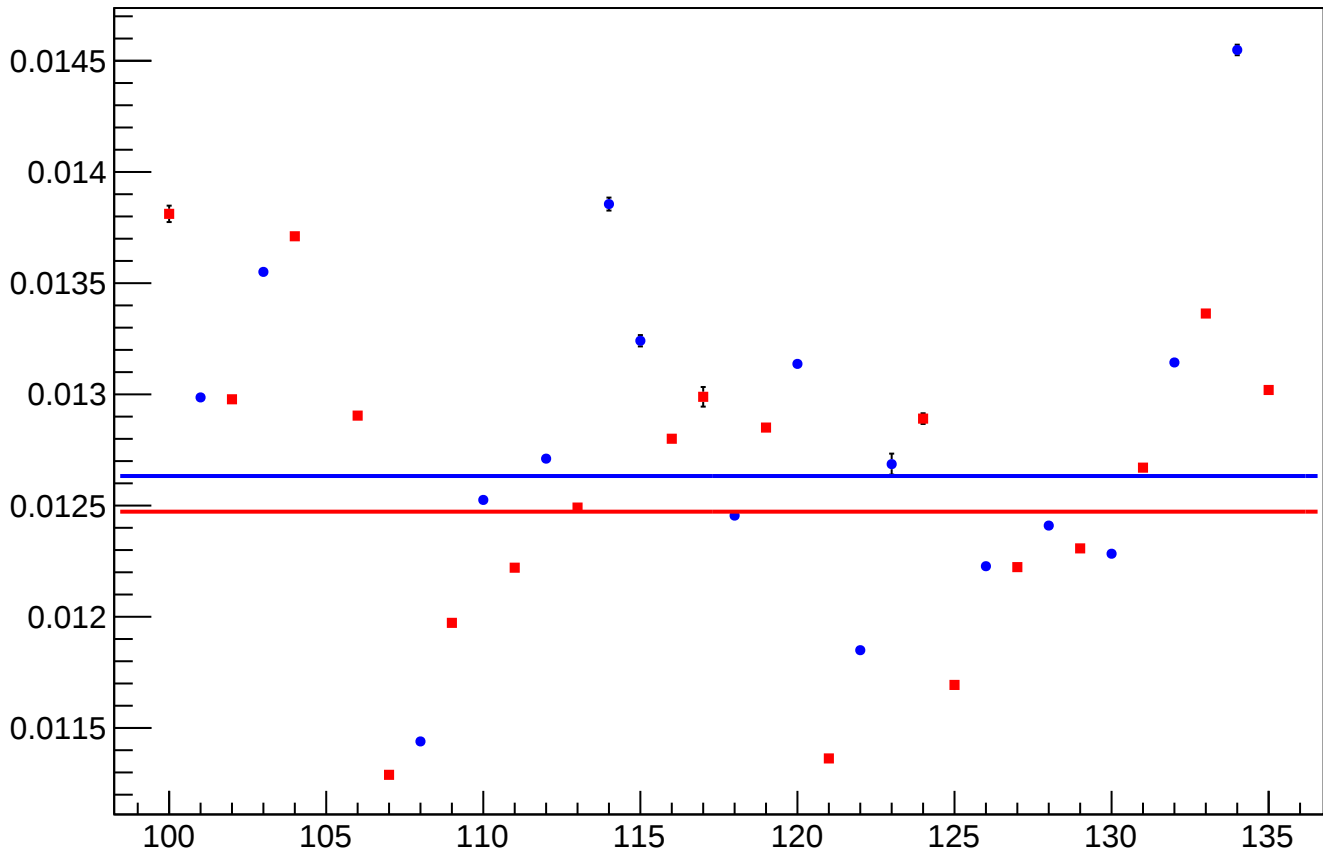
Right Out: 1.640+/-0.000 χ^2/NDF : 5172887233.3/18

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

1.546+/-0.000 χ^2/NDF : 2871996520.8/15

1.640+/-0.000 χ^2/NDF : 5172887233.3/18

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

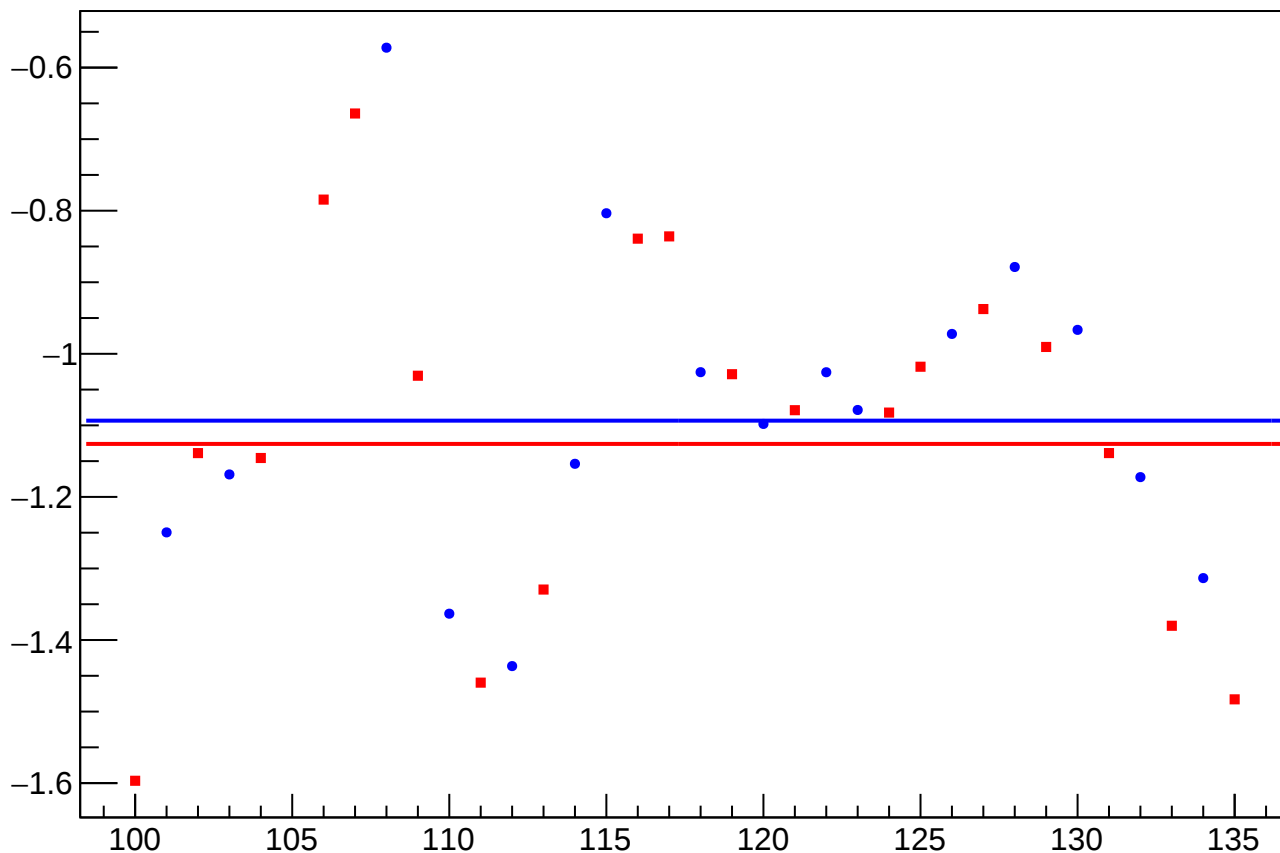
Right Out: 0.012+/-0.000 χ^2/NDF : 39121.5/18

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 : 39121.5/18

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

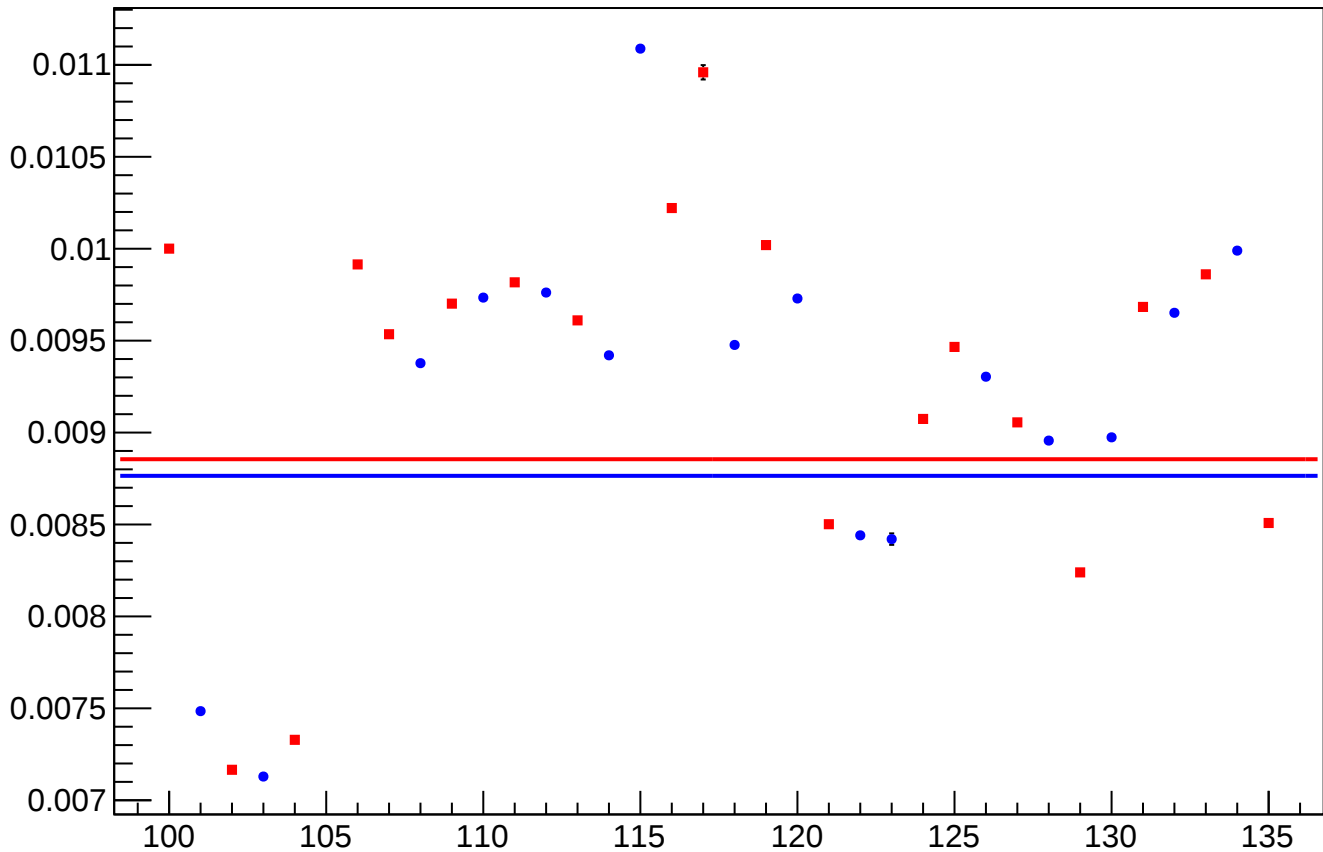
Right Out: -1.126+/-0.000 χ^2/NDF : 3529671801.1/18

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

-1.093+/-0.000 χ^2/NDF : 2931069222.2/15

-1.126+/-0.000 χ^2/NDF : 3529671801.1/18

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

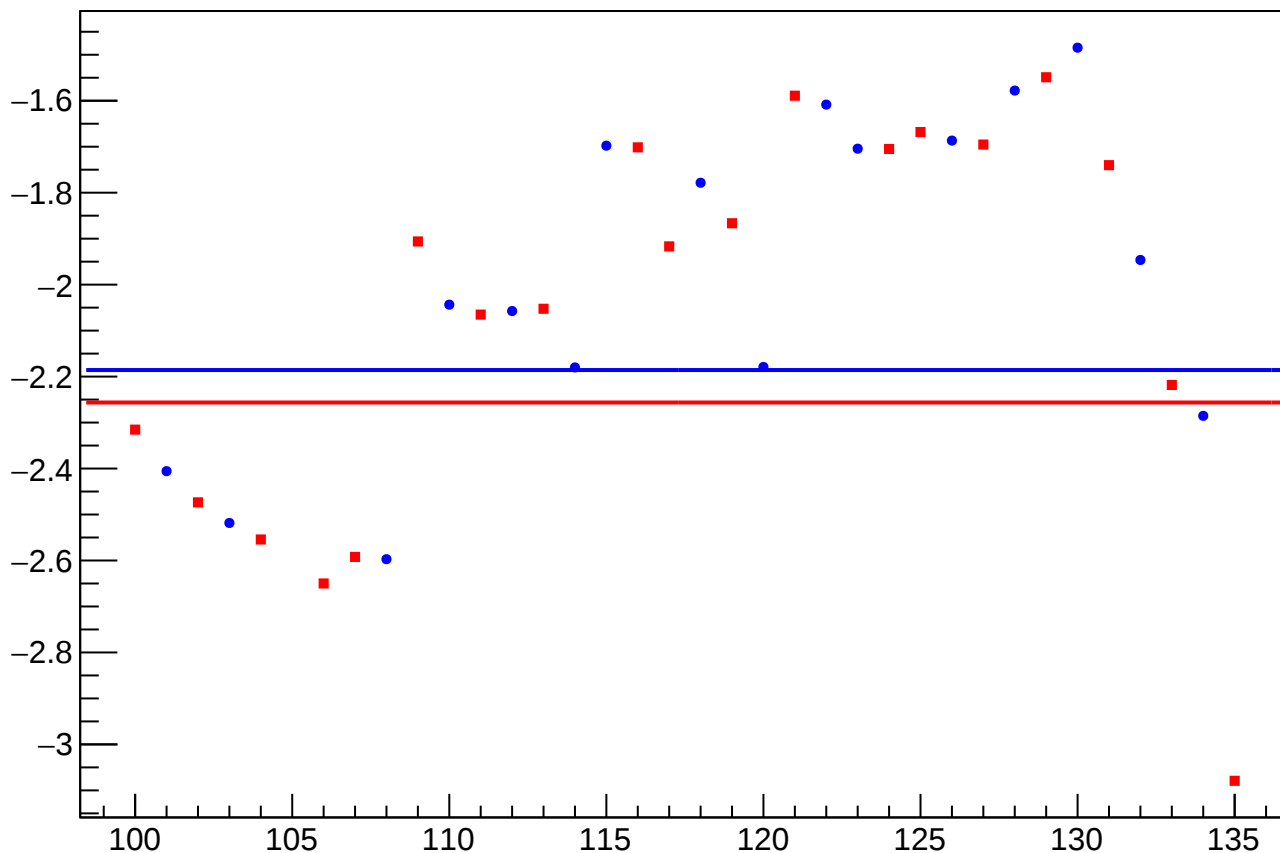
Right Out: 0.009+/-0.000 χ^2/NDF : 176779.1/18

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 : 176779.1/18

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

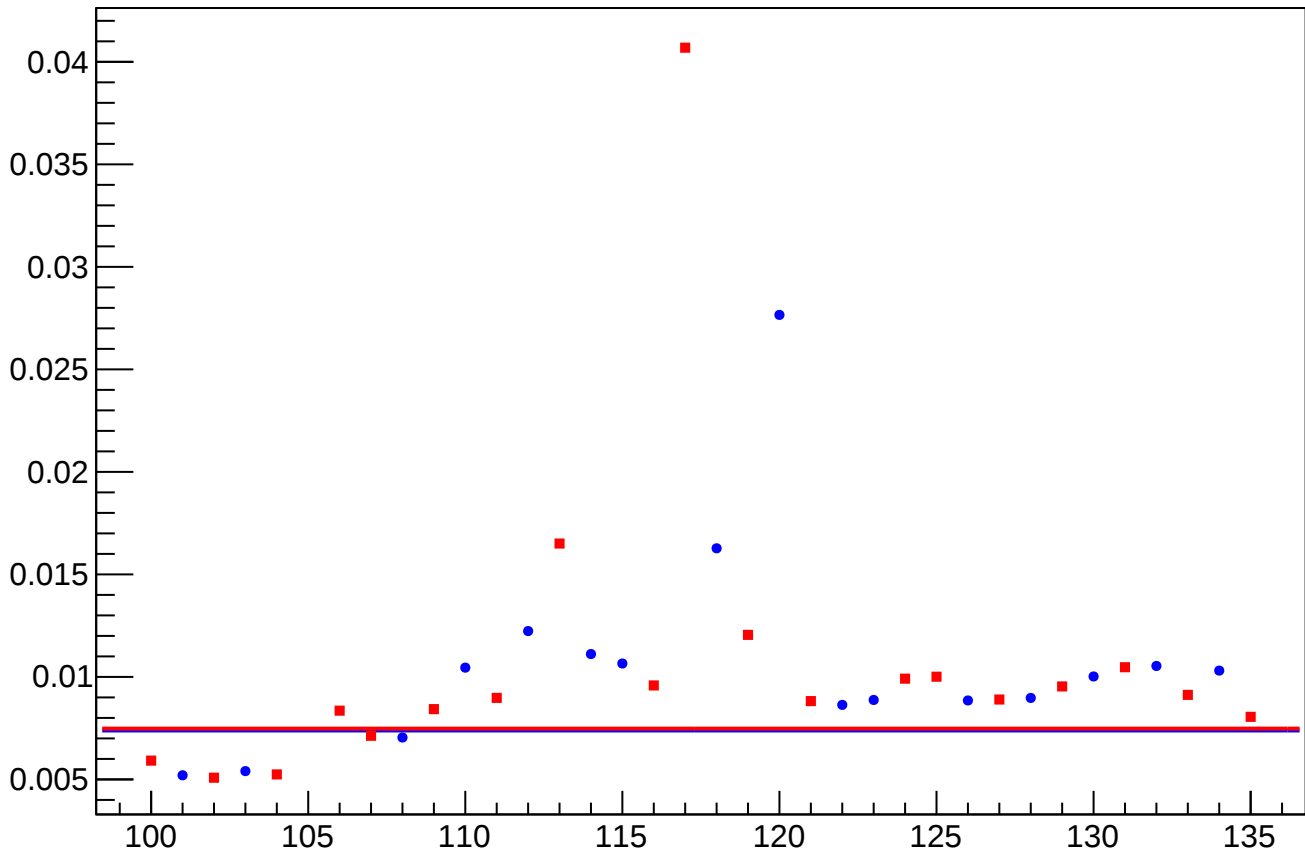
Right Out: -2.256+/-0.000 χ^2/NDF : 17996164949.9/18

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

-2.186+/-0.000 χ^2/NDF : 12163521094.8/15

-2.256+/-0.000 χ^2/NDF : 17996164949.9/18

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

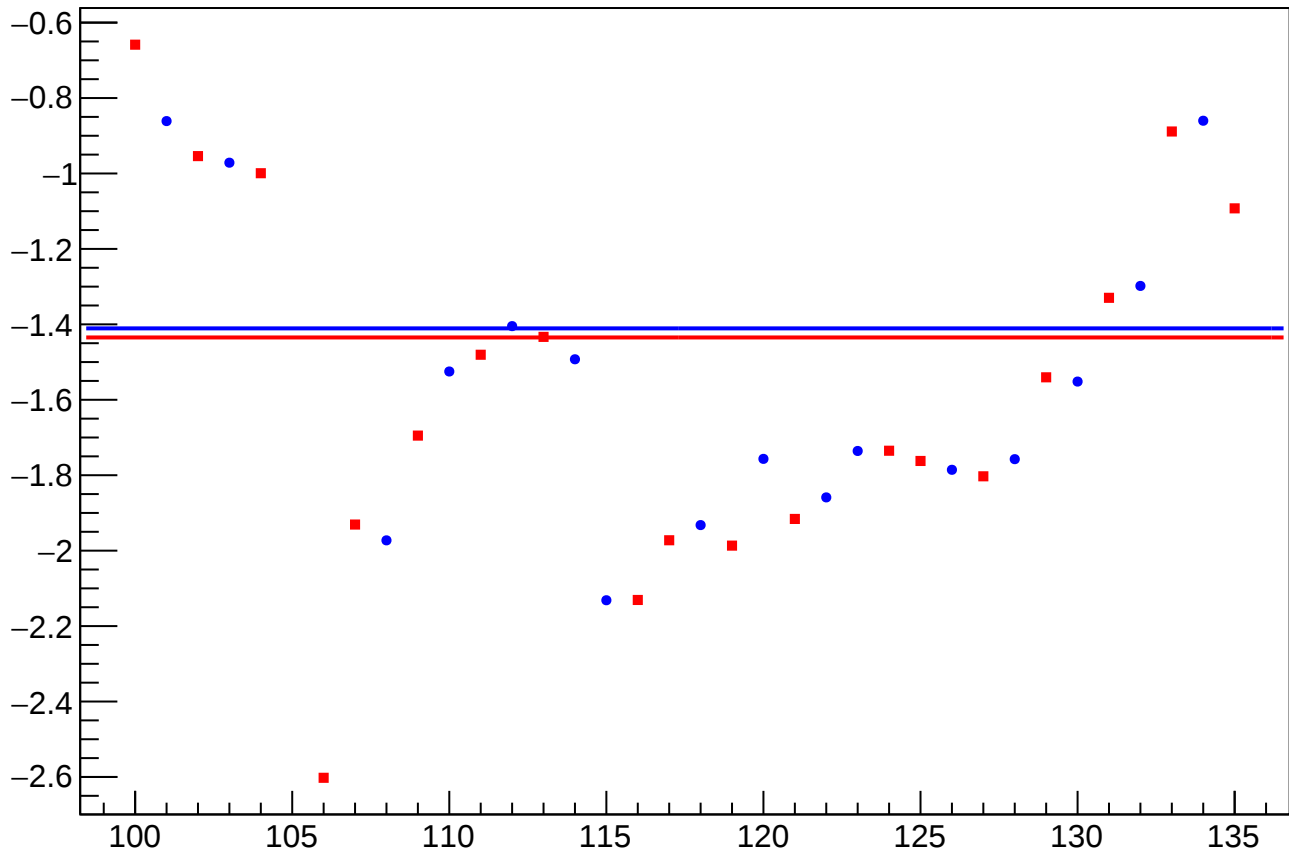
Right Out: 0.007+/-0.000 χ^2/NDF : 977707.8/18

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 : 977707.8/18

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

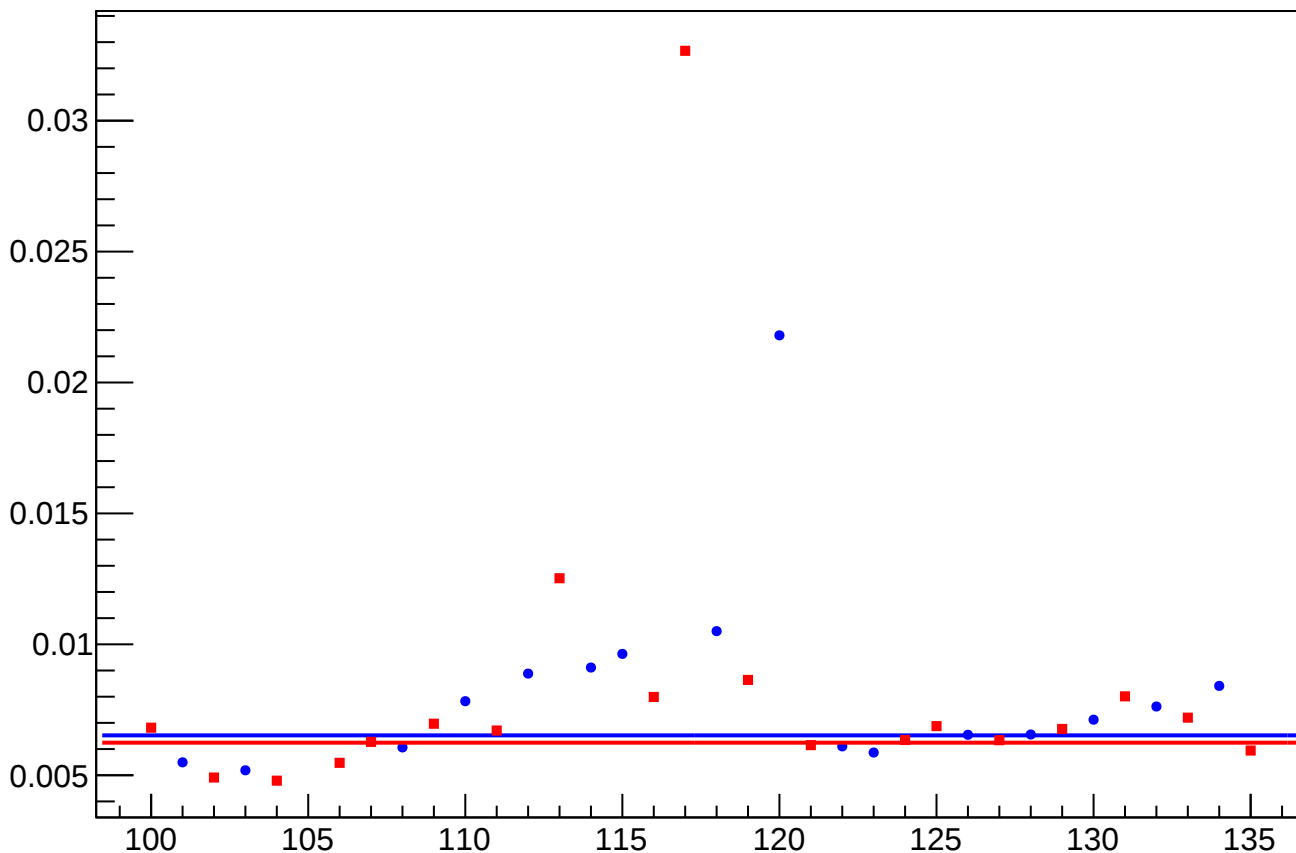
-1.411+/-0.000 χ^2/NDF : 19327714245.9/15

Right Out: -1.435+/-0.000 χ^2/NDF : 29396673550.9/18

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

-1.435+/-0.000 χ^2/NDF : 29396673550.9/18

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

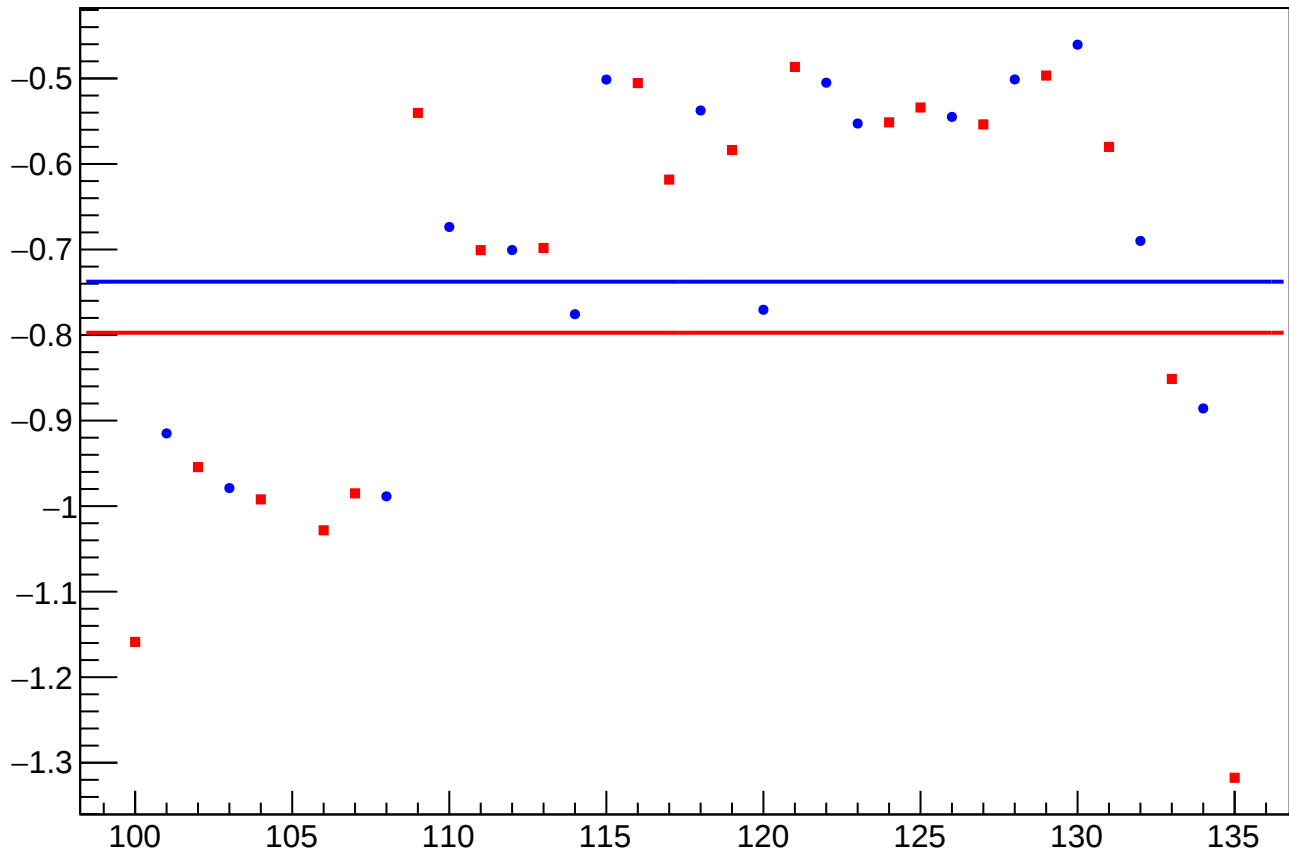
Right Out: 0.006+/-0.000 χ^2/NDF : 470439.4/18

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 : 470439.4/18

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

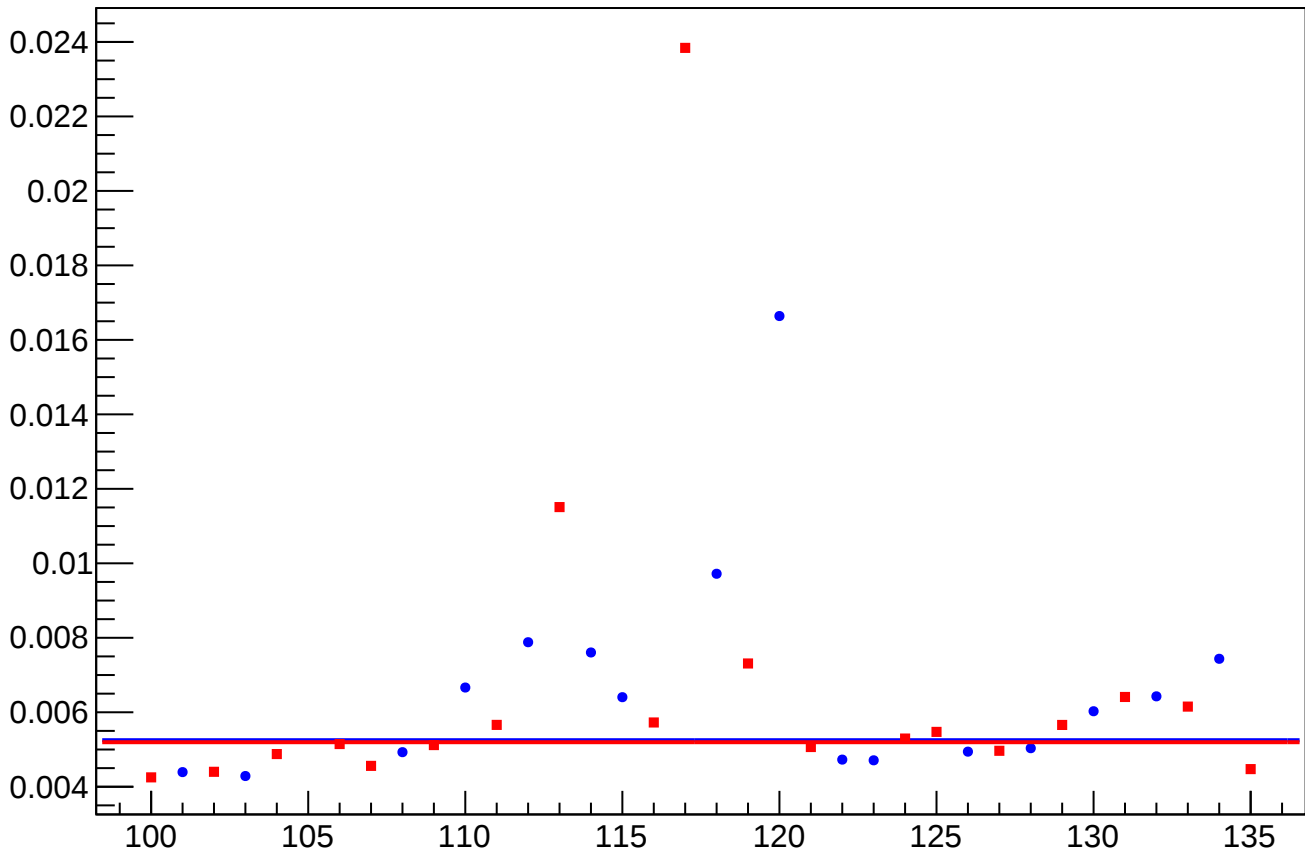
Right Out: -0.797+/-0.000 χ^2/NDF : 15399641574.0/18

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

-0.738+/-0.000 χ^2/NDF : 7409372612.6/15

-0.797+/-0.000 χ^2/NDF : 15399641574.0/18

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

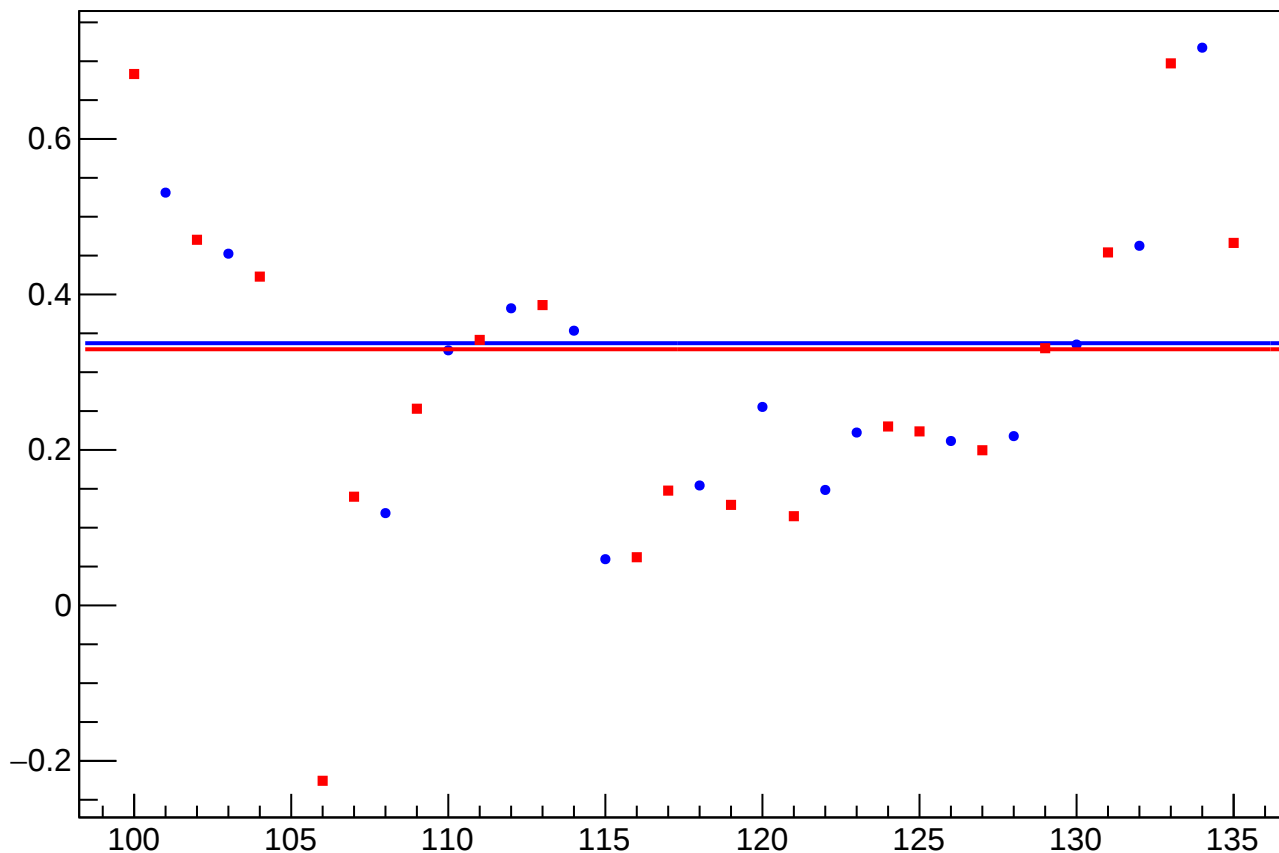
Right Out: 0.005+/-0.000 χ^2/NDF : 409129.5/18

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 : 409129.5/18

yield_bpm0i07Y_mean vs Slug



Right In: 0.337 $\pm$ 0.000 χ^2 /NDF: 7088467777.3/15

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

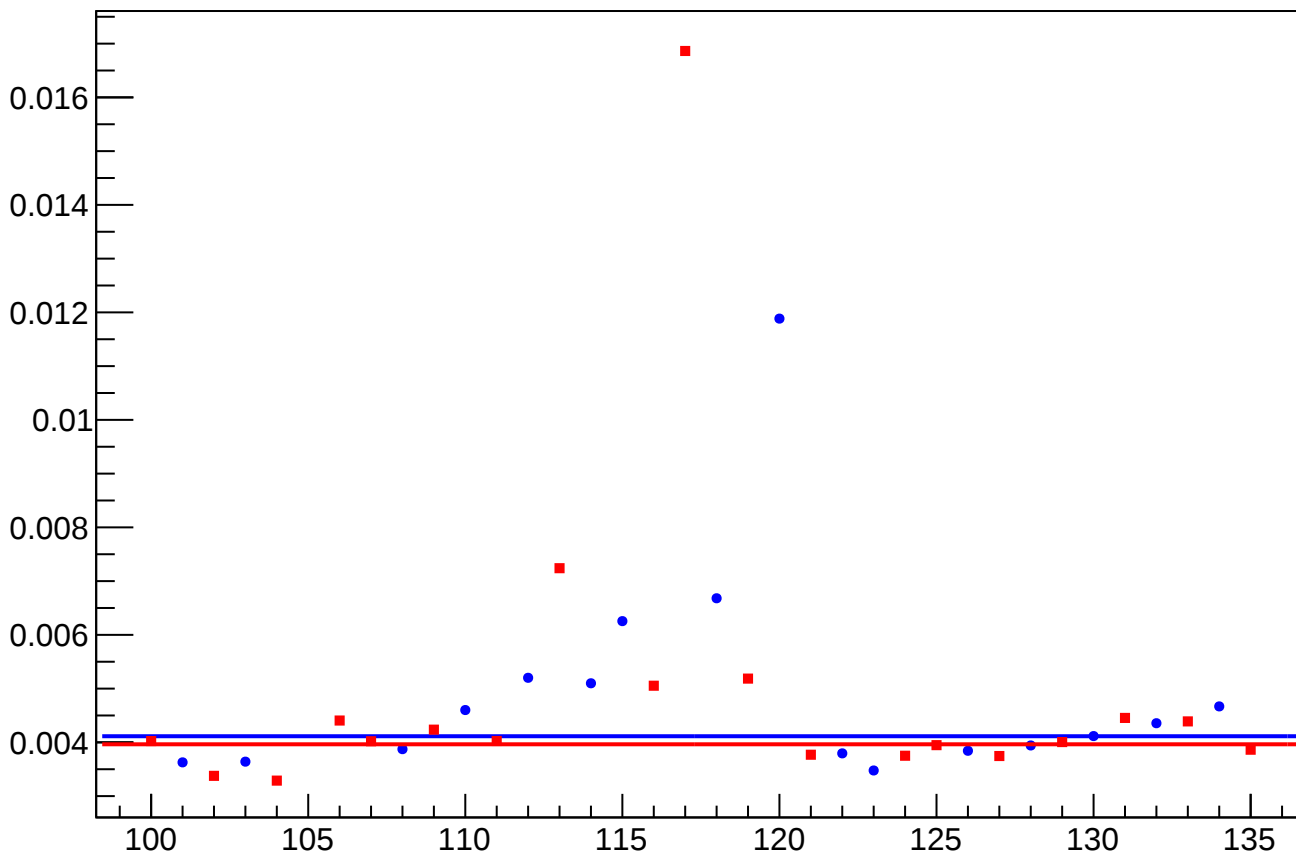
Right Out: 0.330 $\pm$ 0.000 χ^2 /NDF: 11734004288.5/18

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

0.337 $\pm$ 0.000 χ^2 /NDF: 7088467777.3/15

0.330 $\pm$ 0.000 χ^2 /NDF: 11734004288.5/18

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

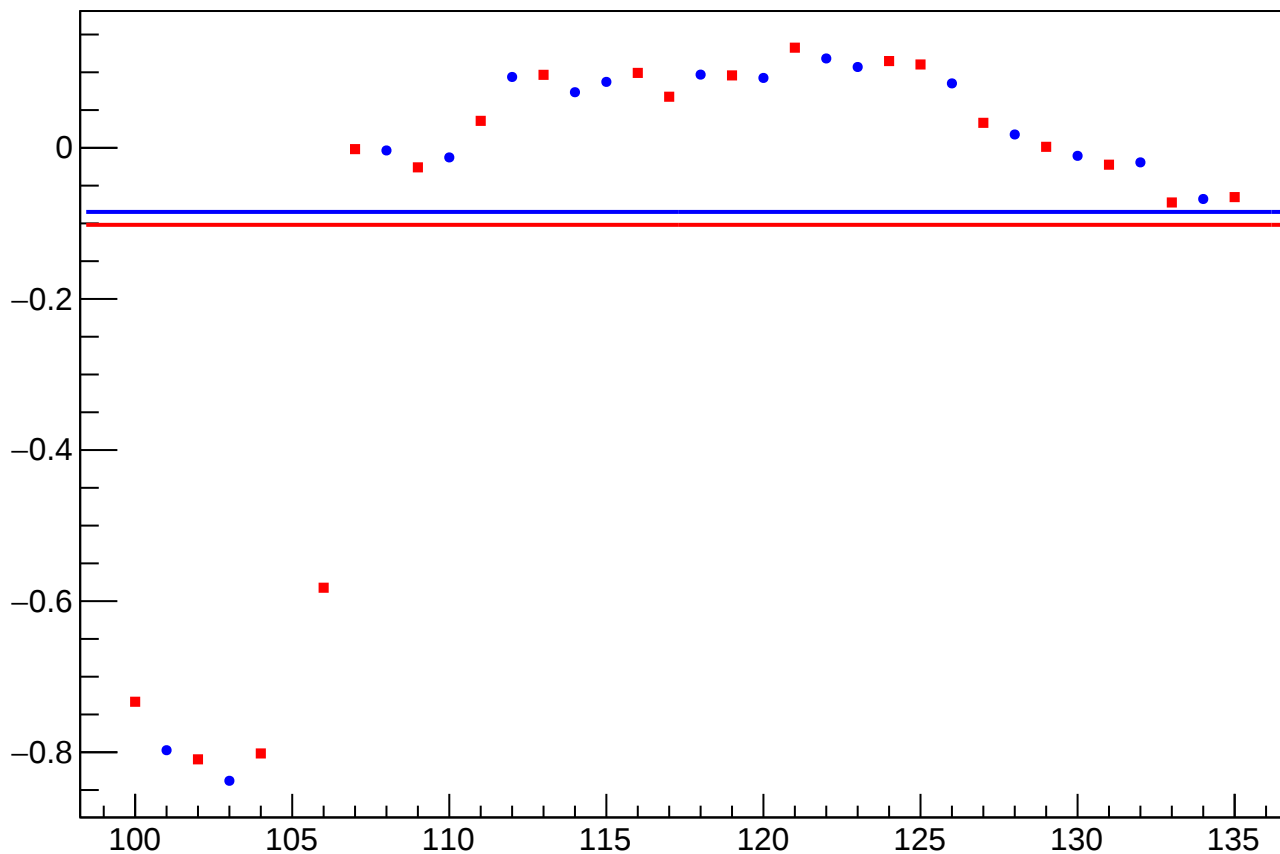
Right Out: 0.004+/-0.000 χ^2/NDF : 300744.7/18

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 : 300744.7/18

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

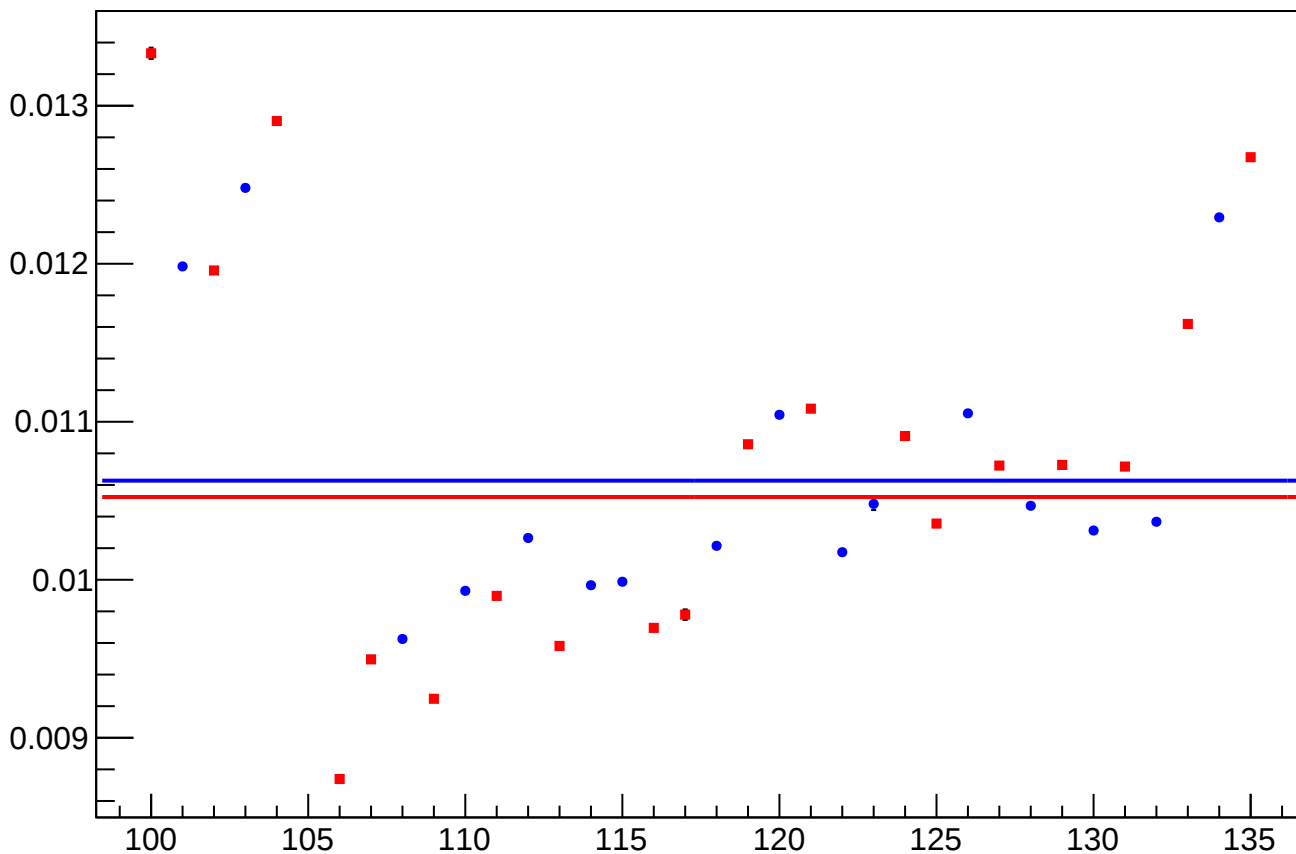
Right Out: -0.102+/-0.000 χ^2/NDF : 5565988848.6/18

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

-0.085+/-0.000 χ^2/NDF : 4988452374.8/15

-0.102+/-0.000 χ^2/NDF : 5565988848.6/18

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

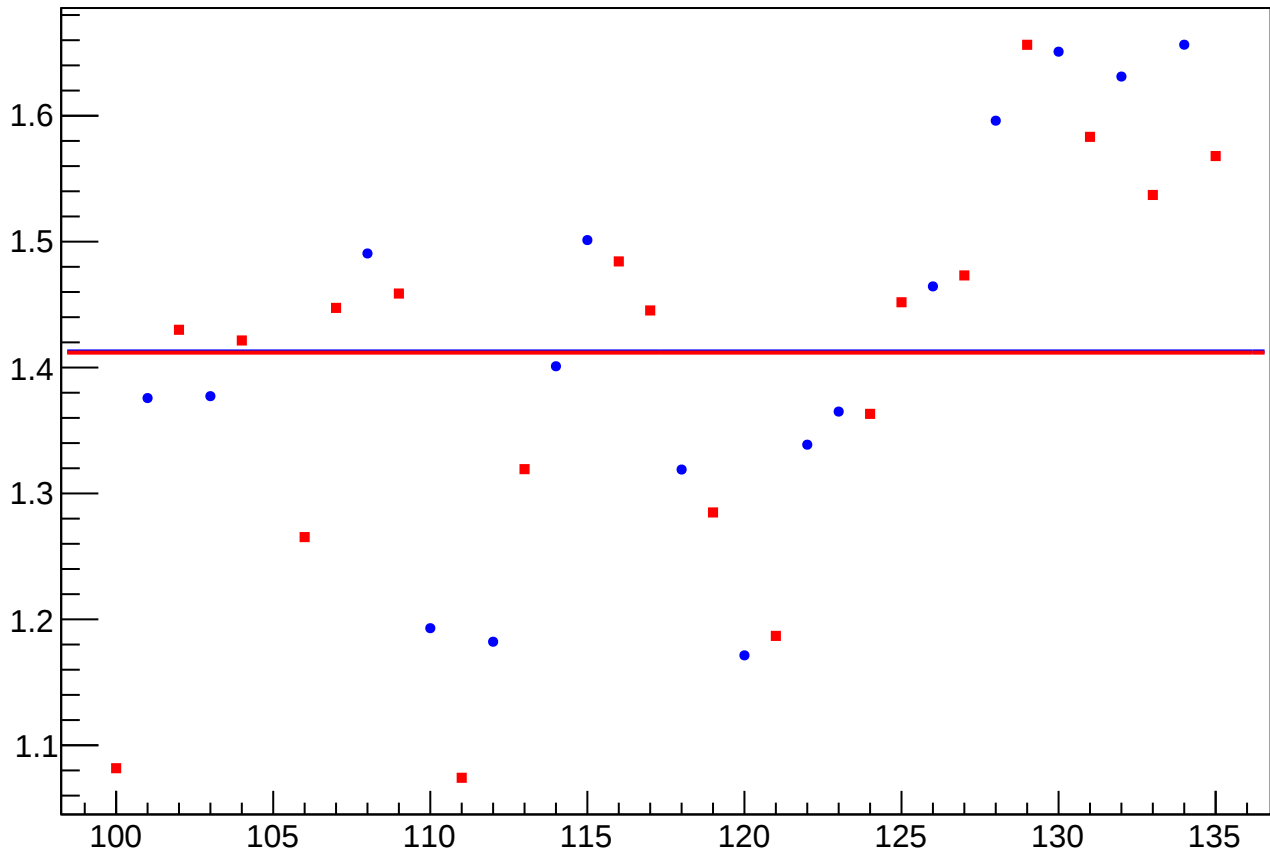
Right Out: 0.011+/-0.000 χ^2/NDF : 164038.8/18

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

0.011+/-0.000 χ^2/NDF : 68820.7/15

0.011+/-0.000 χ^2/NDF : 164038.8/18

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

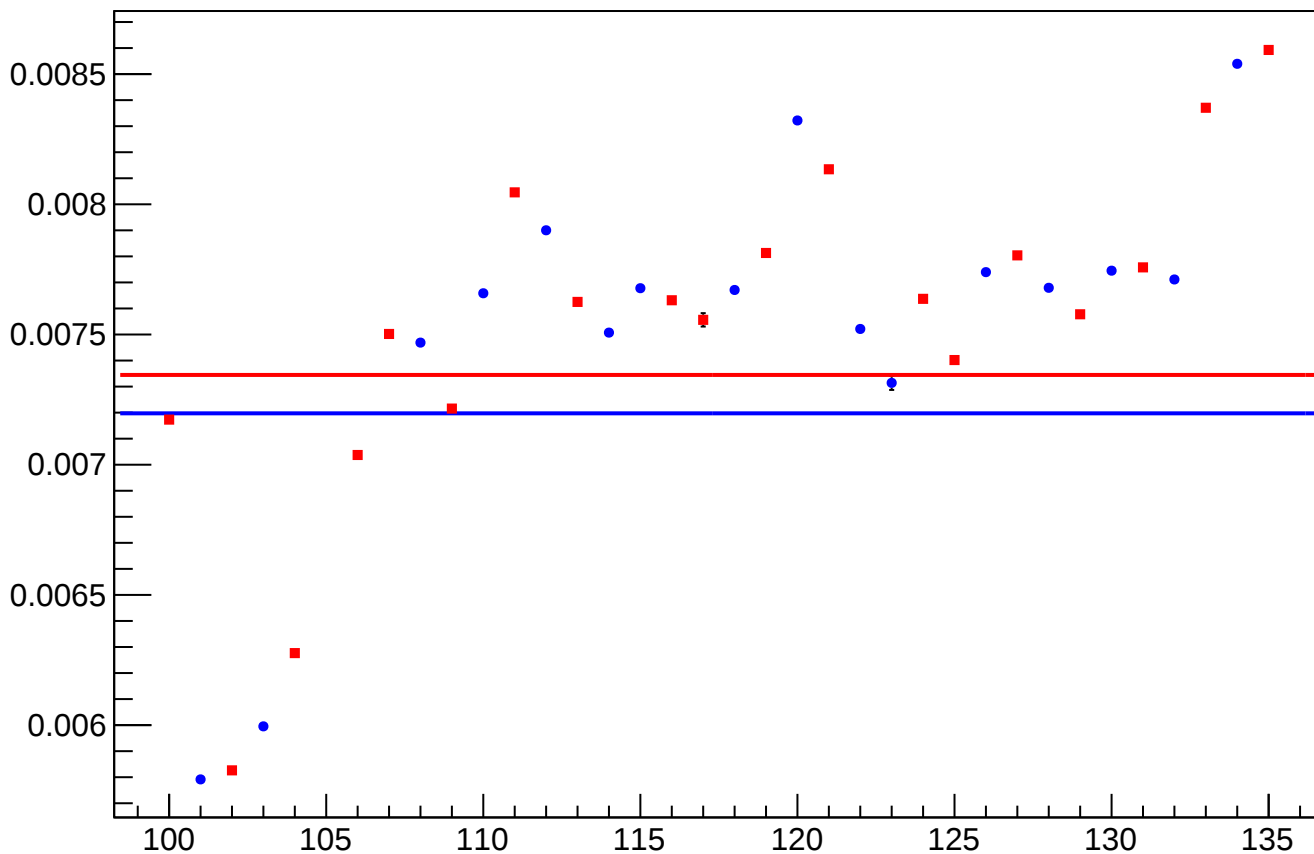
1.413+/-0.000 χ^2/NDF : 2464212868.5/15

Right Out: 1.412+/-0.000 χ^2/NDF : 2499262831.9/18

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

1.412+/-0.000 χ^2/NDF : 2499262831.9/18

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

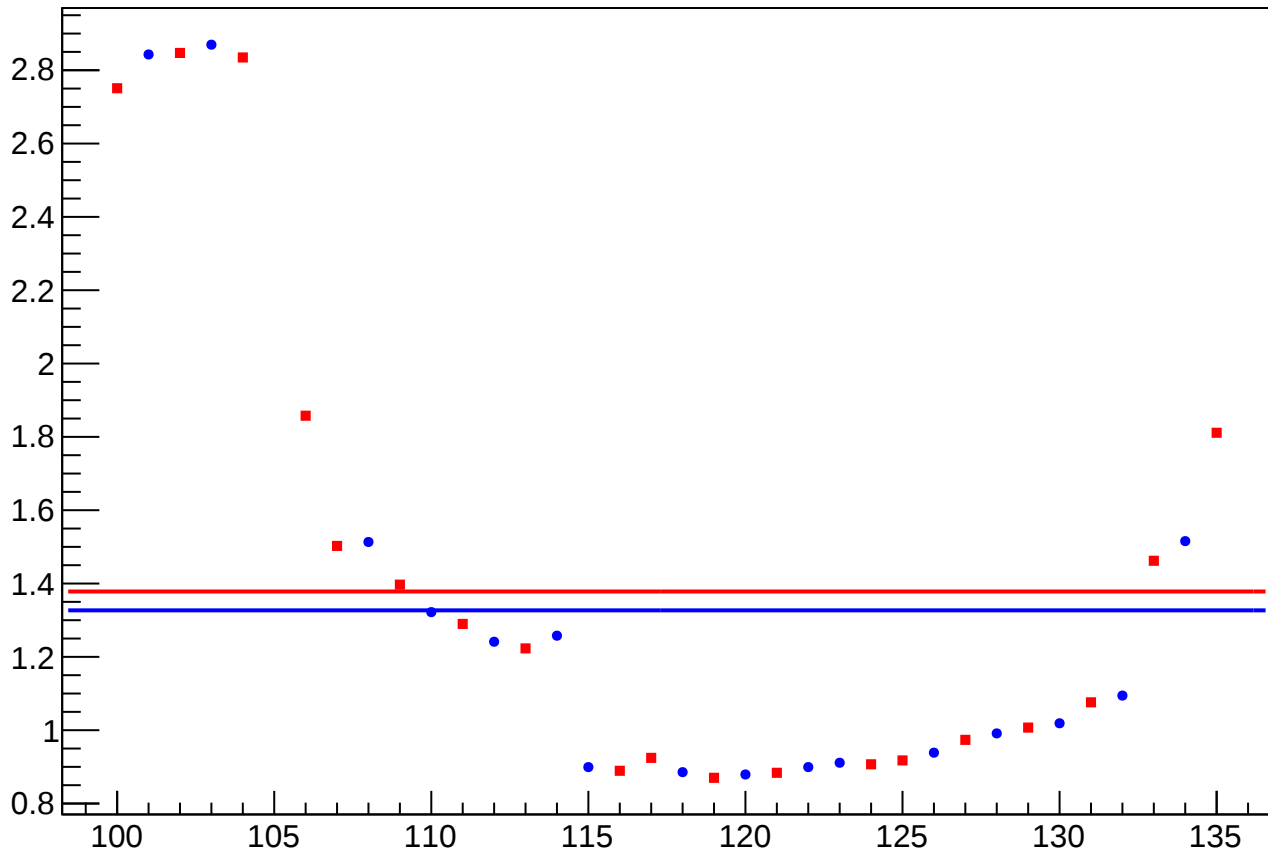
Right Out: 0.007+/-0.000 χ^2/NDF : 162318.1/18

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 : 162318.1/18

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

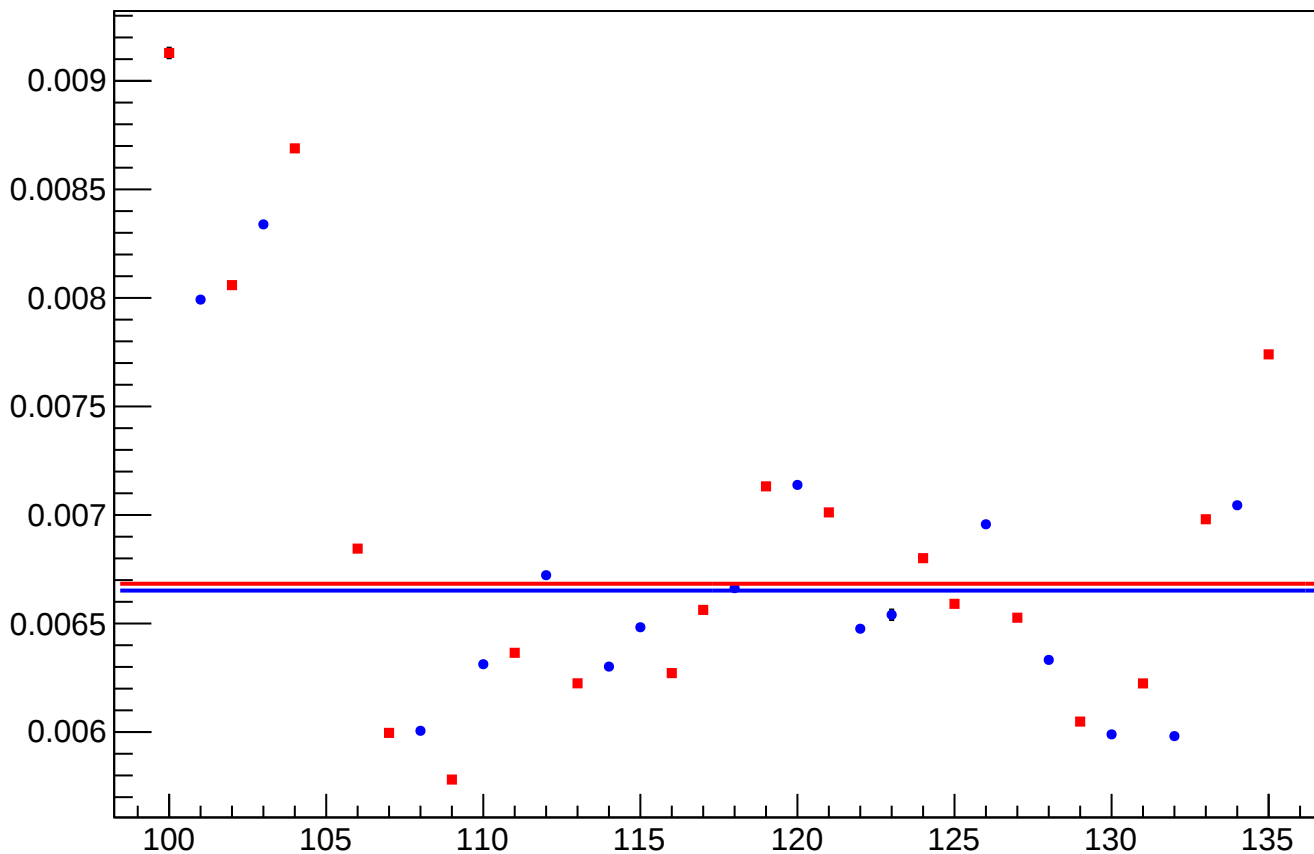
Right Out: 1.378+/-0.000 χ^2/NDF : 49731378678.6/18

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

1.327+/-0.000 χ^2/NDF : 51651719411.0/15

1.378+/-0.000 χ^2/NDF : 49731378678.6/18

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

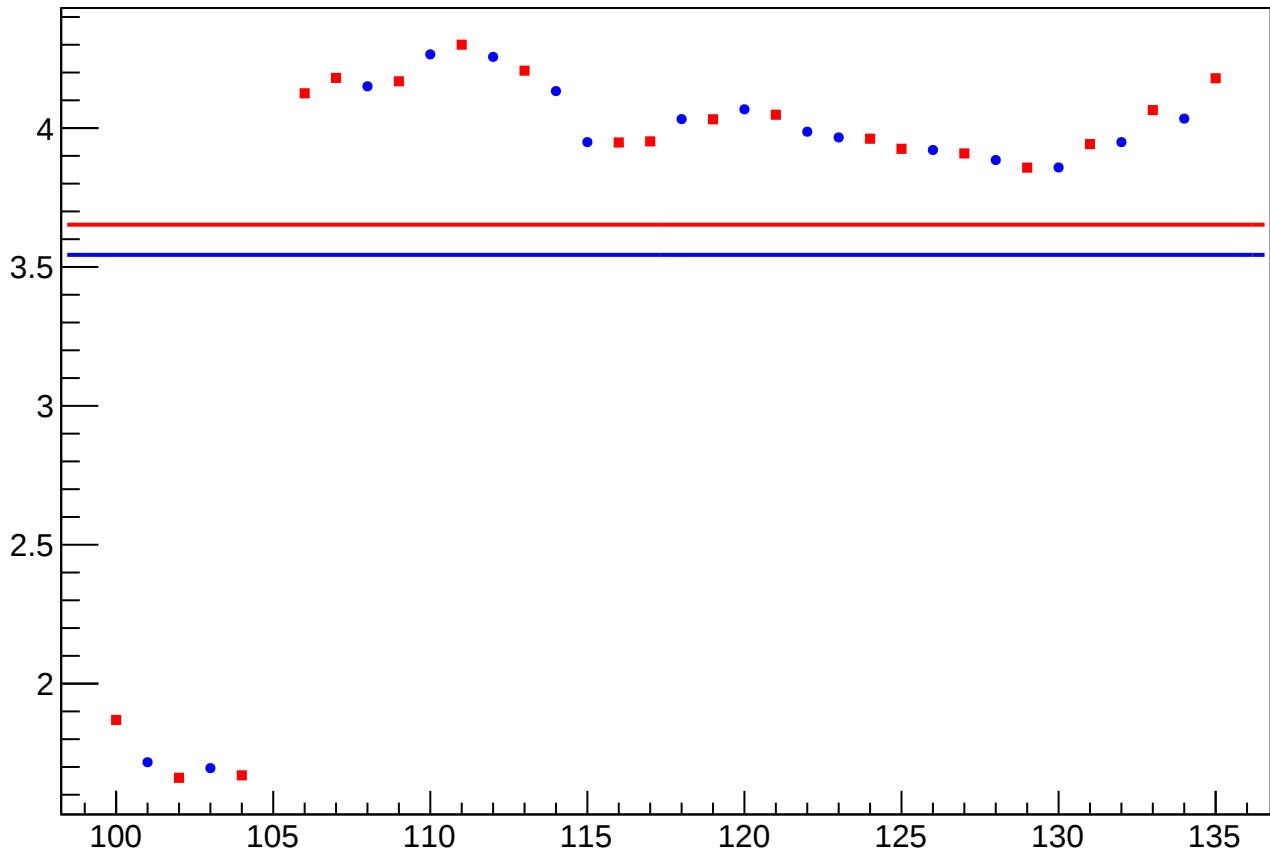
Right Out: 0.007+/-0.000 χ^2/NDF : 177222.3/18

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 : 177222.3/18

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

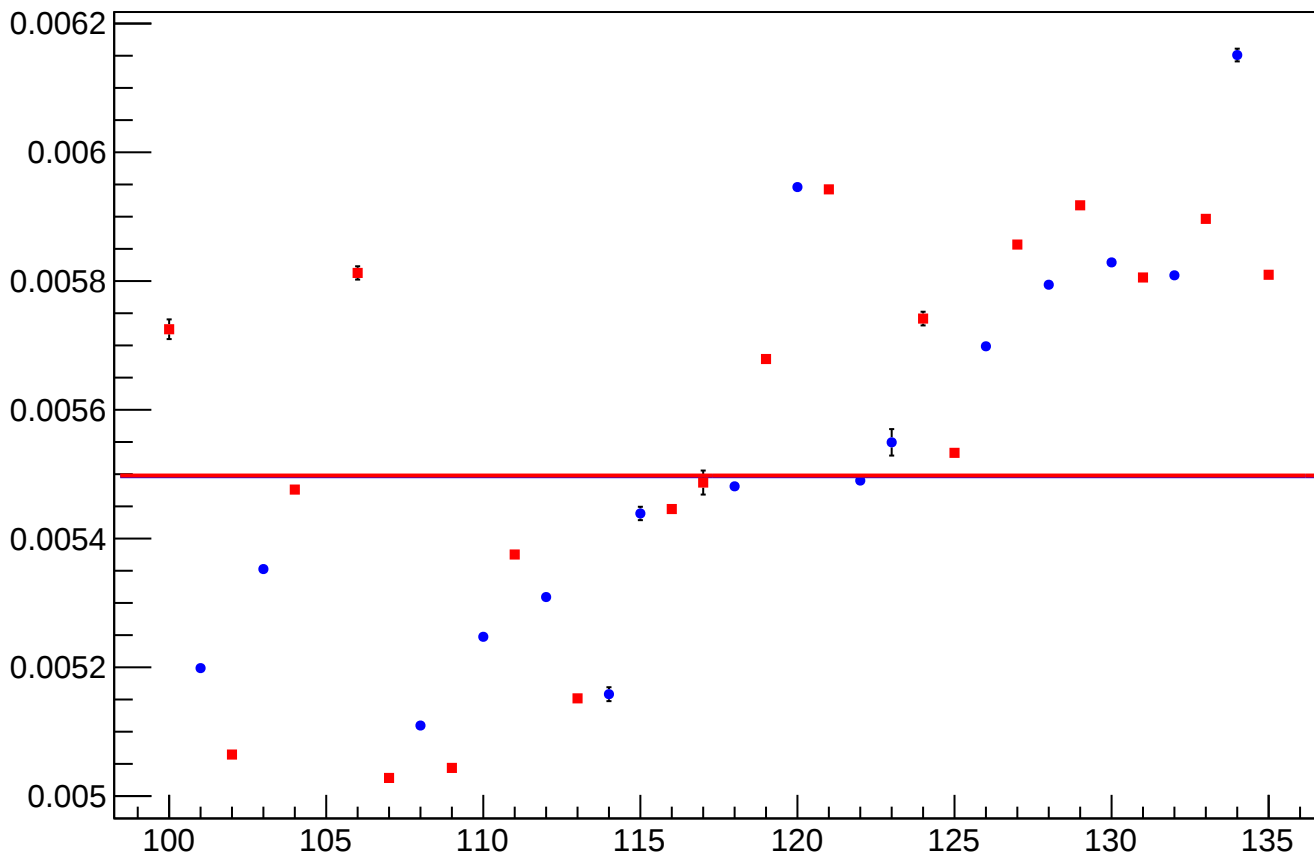
3.544+/-0.000 χ^2/NDF : 179447952948.0/15

Right Out: 3.652+/-0.000 χ^2/NDF : 191457039713.4/18

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

3.652+/-0.000 χ^2/NDF : 191457039713.4/18

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

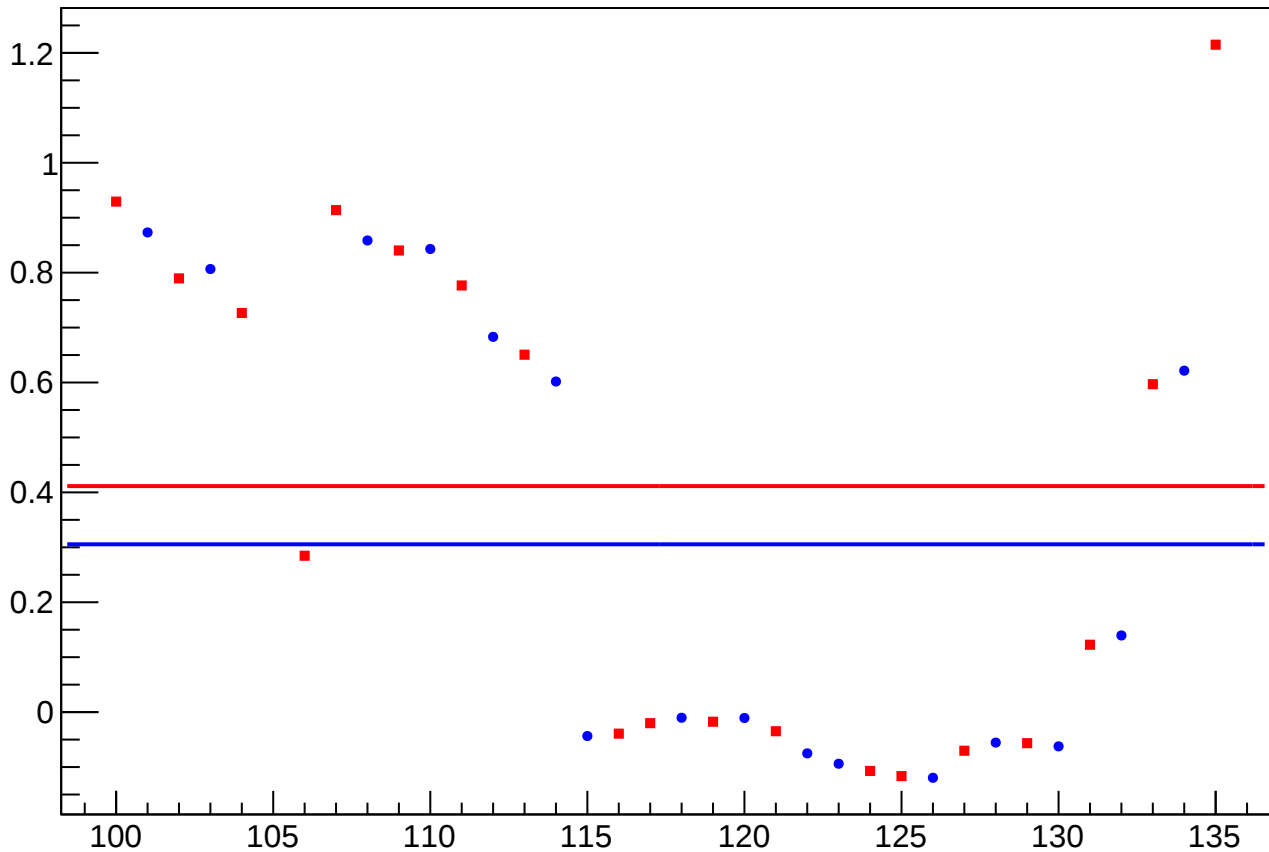
Right Out: 0.005+/-0.000 χ^2/NDF : 50509.4/18

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 : 50509.4/18

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

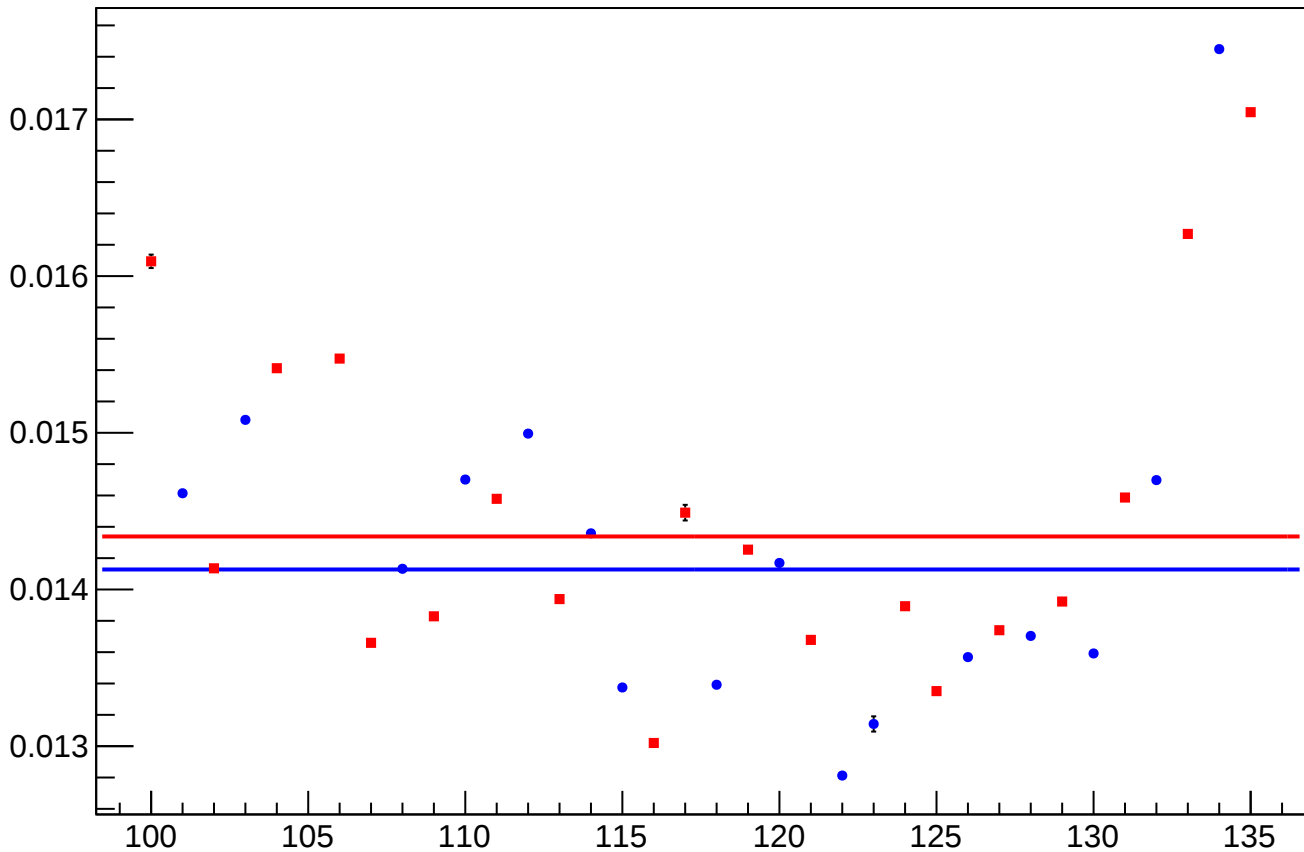
0.305+/-0.000 χ^2/NDF : 5027170822.8/15

Right Out: 0.411+/-0.000 χ^2/NDF : 6253920209.0/18

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

0.411+/-0.000 χ^2/NDF : 6253920209.0/18

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

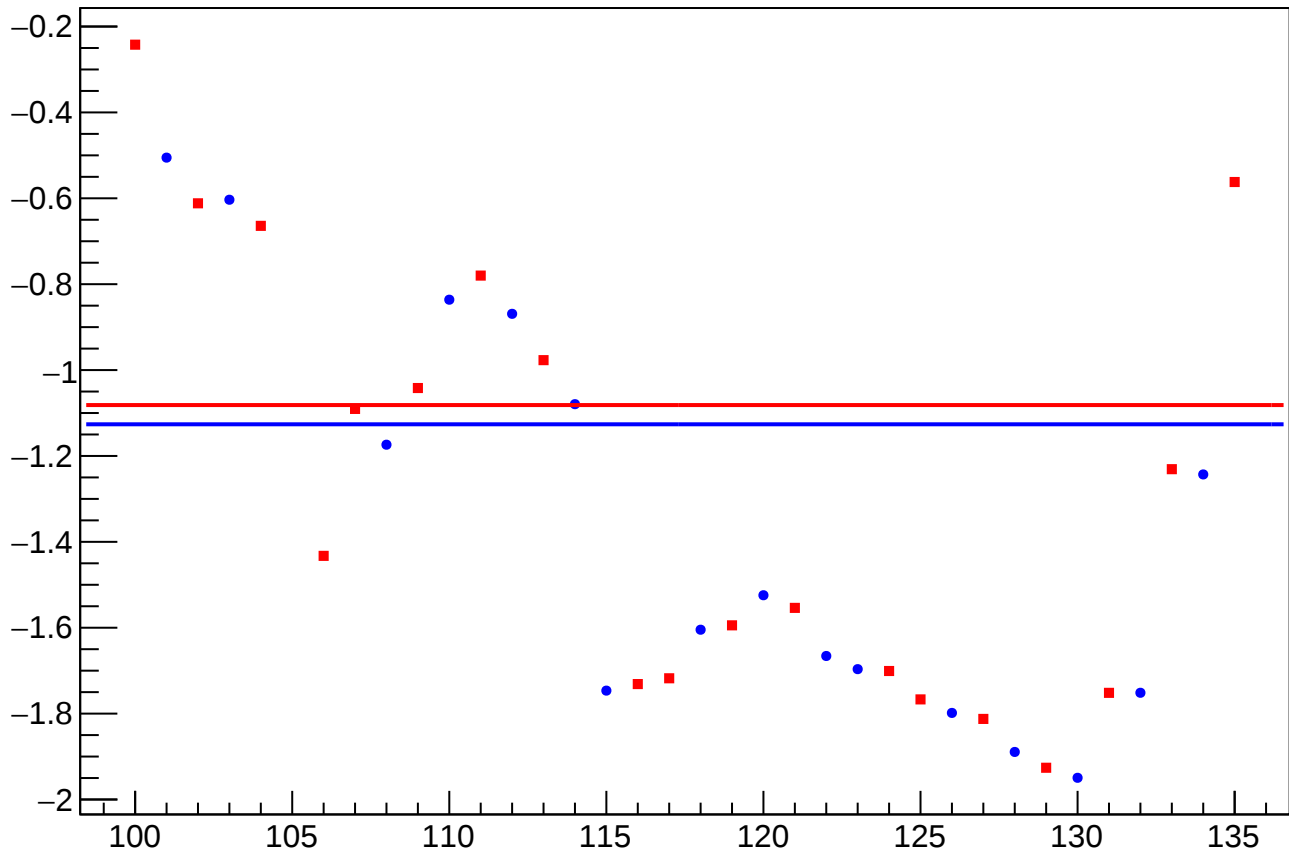
Right Out: 0.014+/-0.000 χ^2/NDF : 62402.9/18

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 : 62402.9/18

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

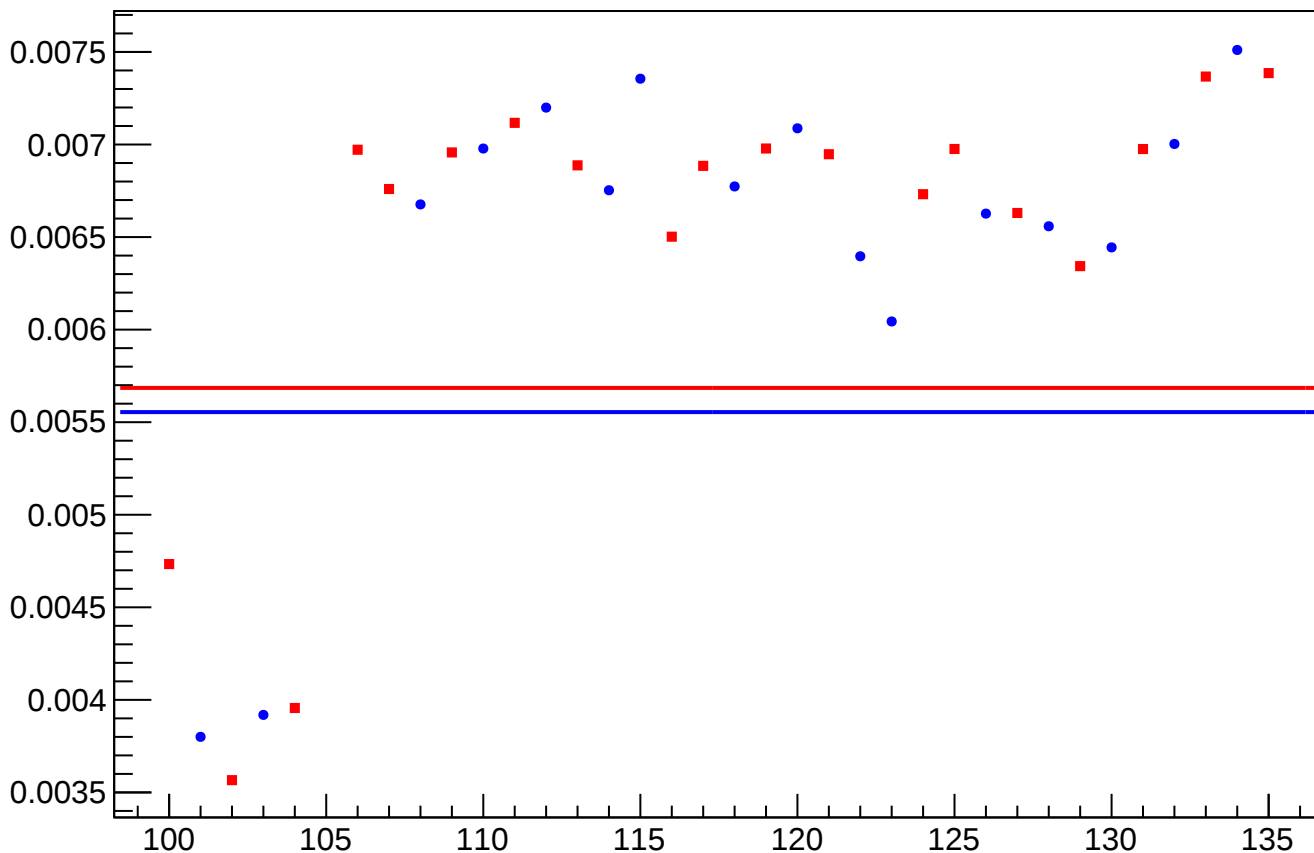
Right Out: -1.081+/-0.000 χ^2/NDF : 46607932358.1/18

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

-1.126+/-0.000 χ^2/NDF : 53501356975.5/15

-1.081+/-0.000 χ^2/NDF : 46607932358.1/18

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

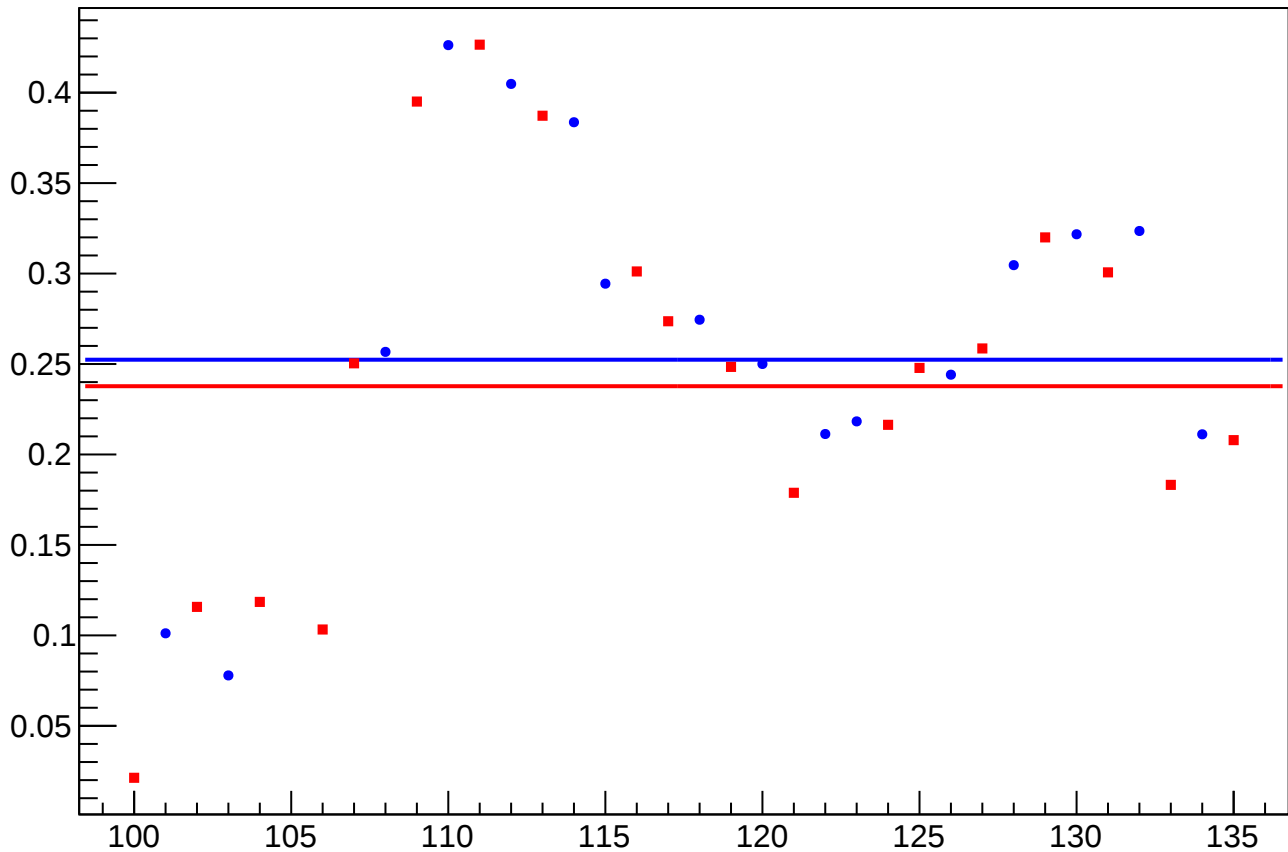
Right Out: 0.006+/-0.000 χ^2/NDF : 901059.3/18

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 : 901059.3/18

yield_bpm2i01X_mean vs Slug



Right In: 0.252 $\pm$ 0.000 χ^2 /NDF: 21168862001.3/15

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

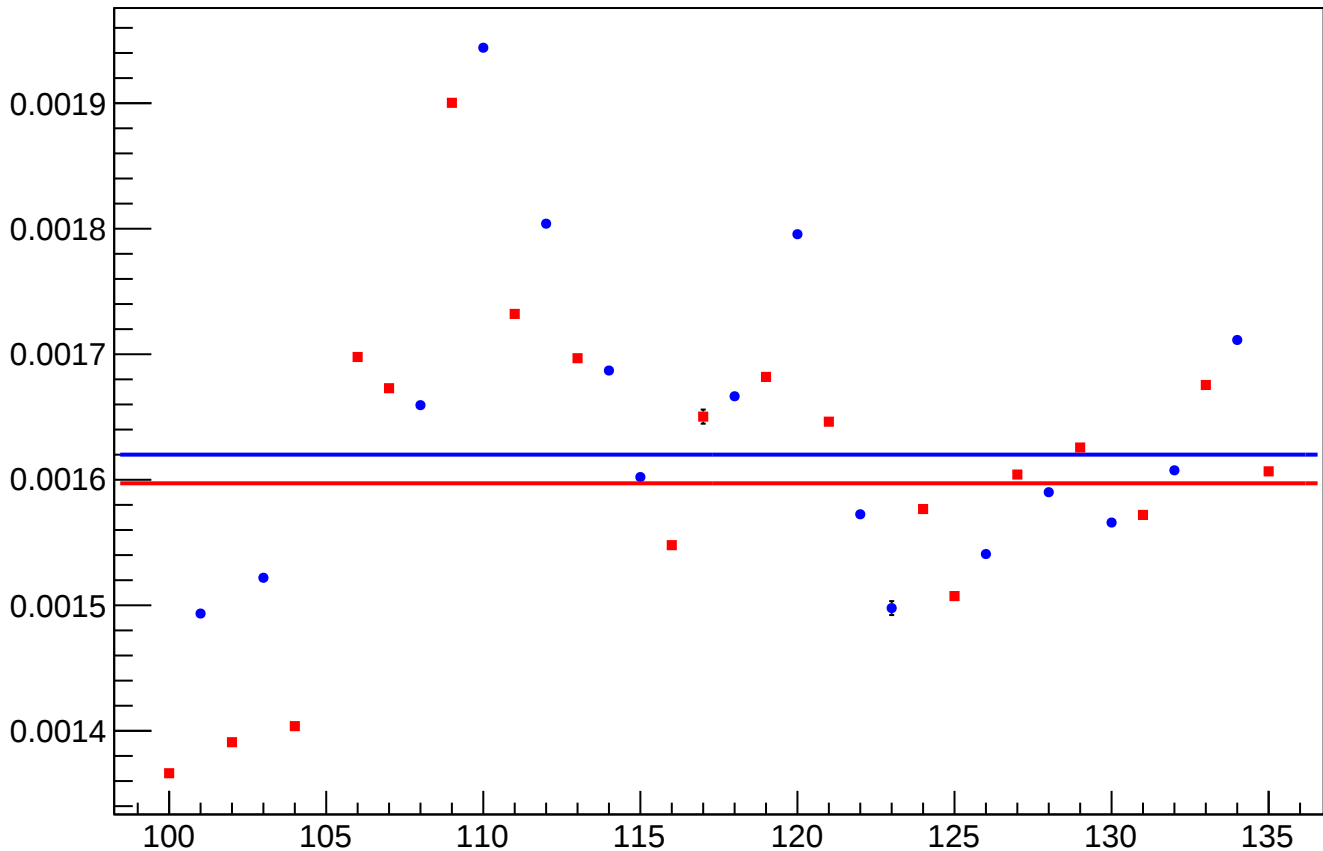
0.252 $\pm$ 0.000 χ^2 /NDF: 21168862001.3/15

Right Out: 0.238 $\pm$ 0.000 χ^2 /NDF: 26077731211.1/18

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

0.238 $\pm$ 0.000 χ^2 /NDF: 26077731211.1/18

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

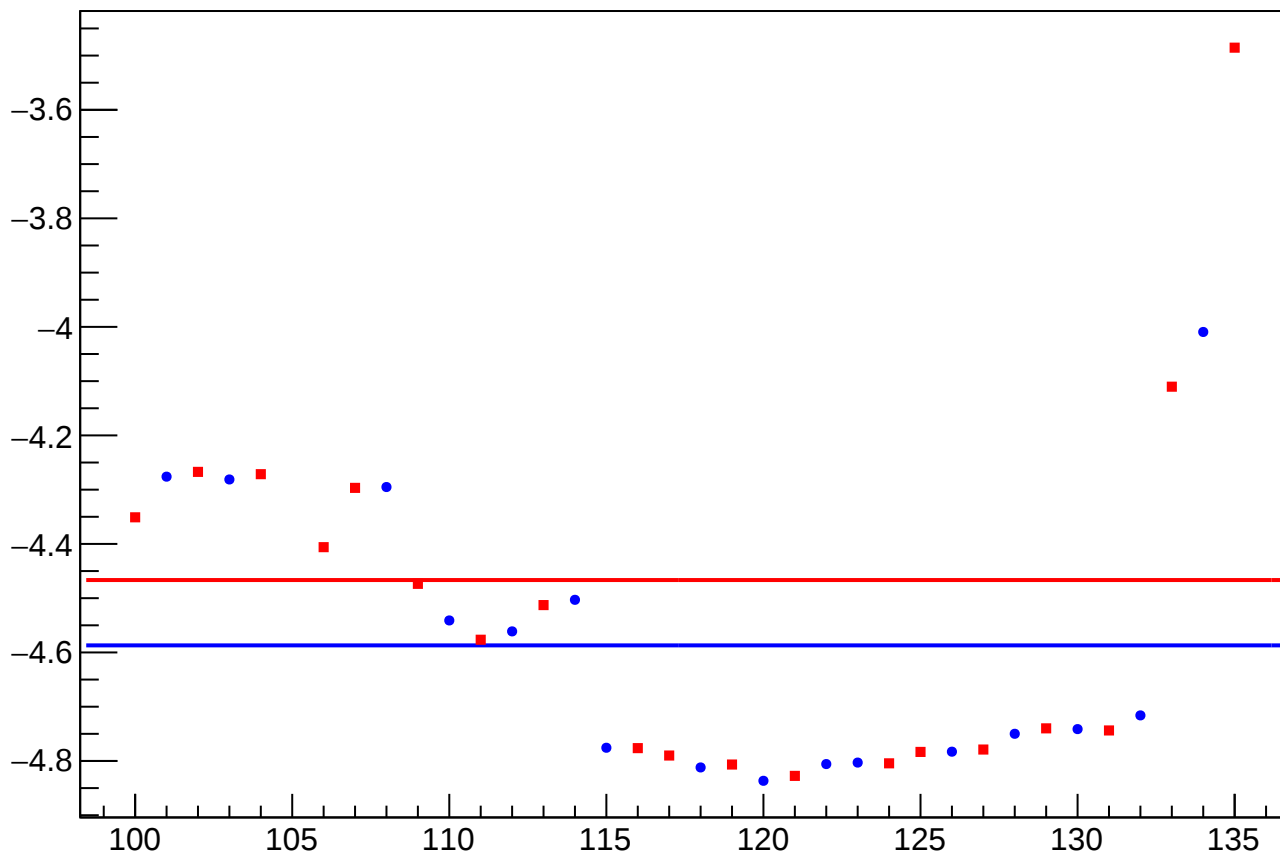
Right Out: 0.002+/-0.000 χ^2/NDF : 90499.7/18

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 : 90499.7/18

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

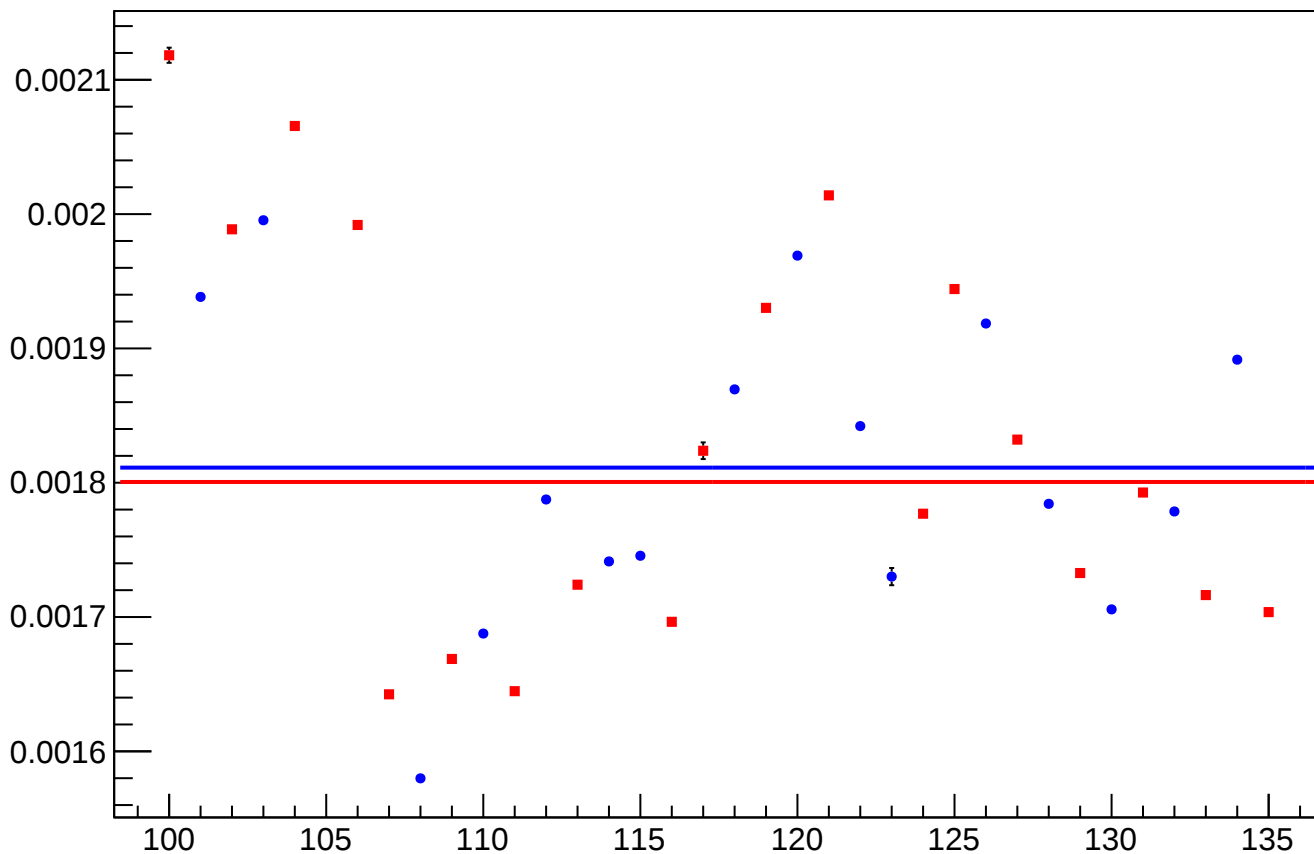
Right Out: -4.467+/-0.000 χ^2/NDF : 267458661940.8/18

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

-4.587+/-0.000 χ^2/NDF : 91993139158.7/15

-4.467+/-0.000 χ^2/NDF : 267458661940.8/18

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

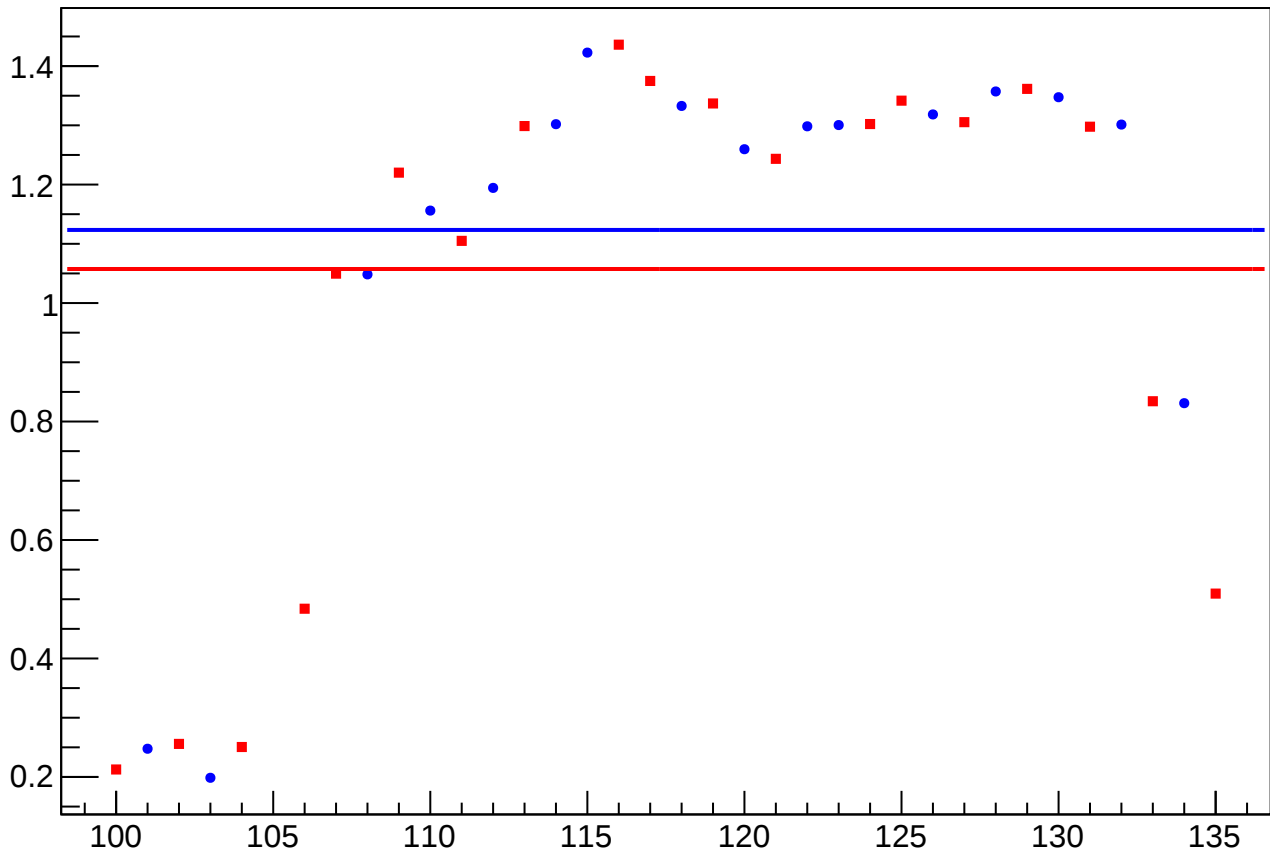
Right Out: 0.002+/-0.000 χ^2/NDF : 80511.2/18

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 : 80511.2/18

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

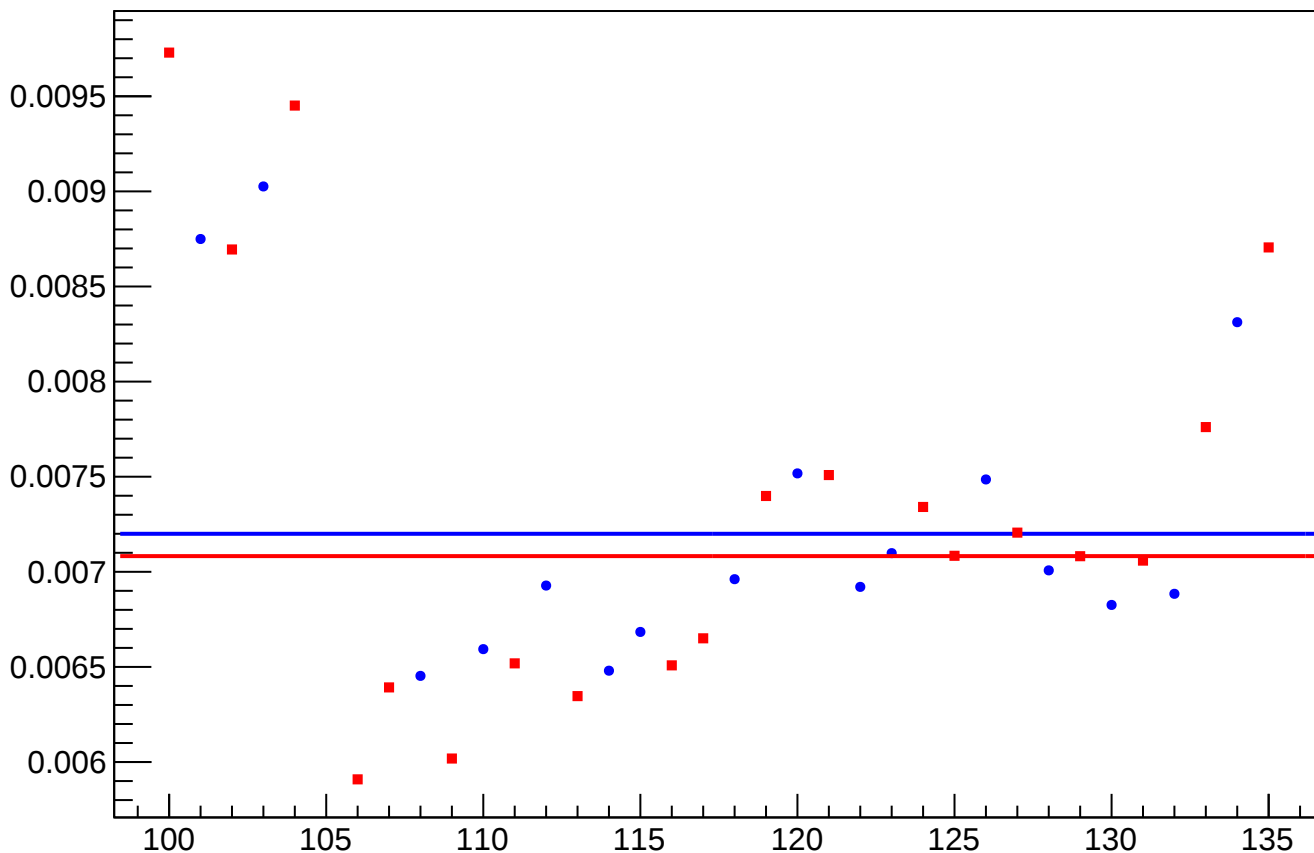
1.123+/-0.000 χ^2/NDF : 14997780807.2/15

Right Out: 1.057+/-0.000 χ^2/NDF : 19218328700.3/18

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

1.057+/-0.000 χ^2/NDF : 19218328700.3/18

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

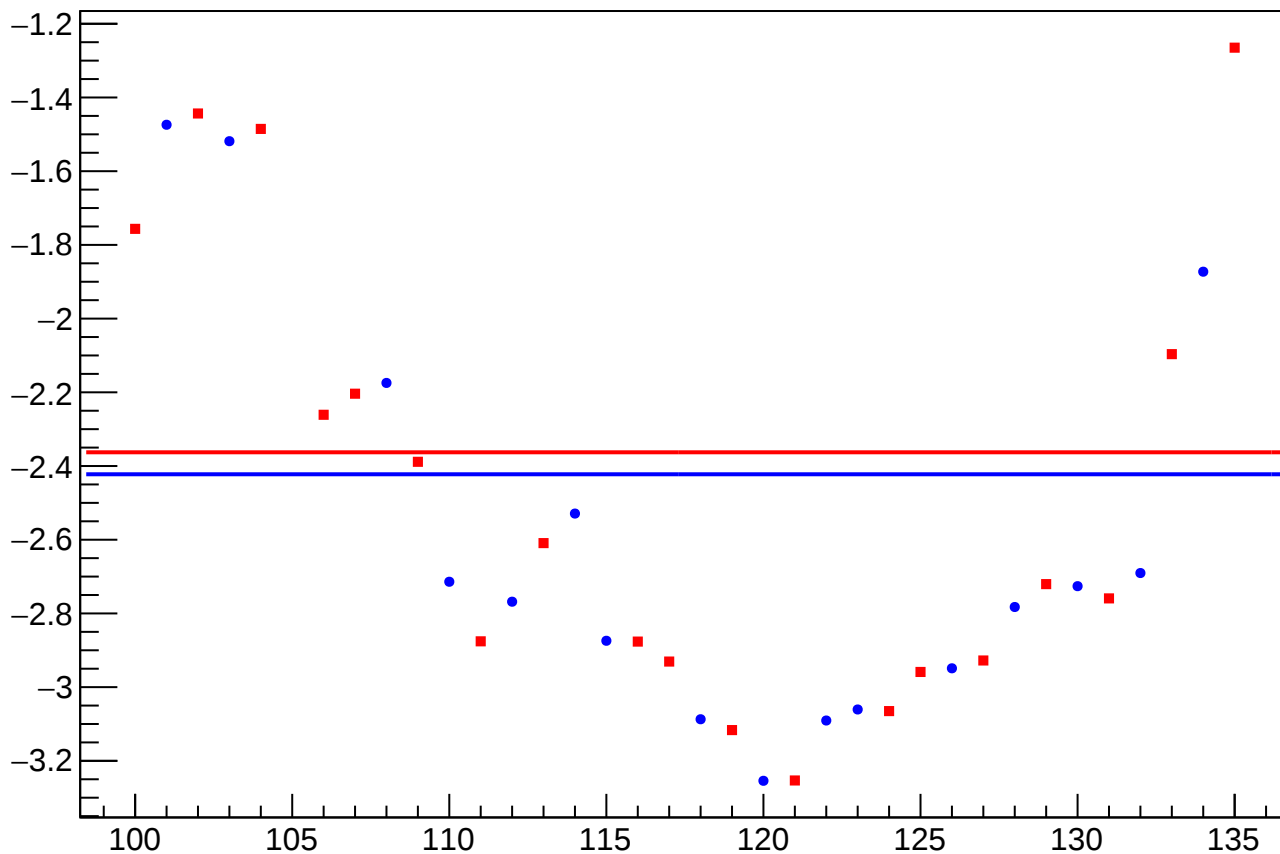
Right Out: 0.007+/-0.000 χ^2/NDF : 241433.9/18

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 : 241433.9/18

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

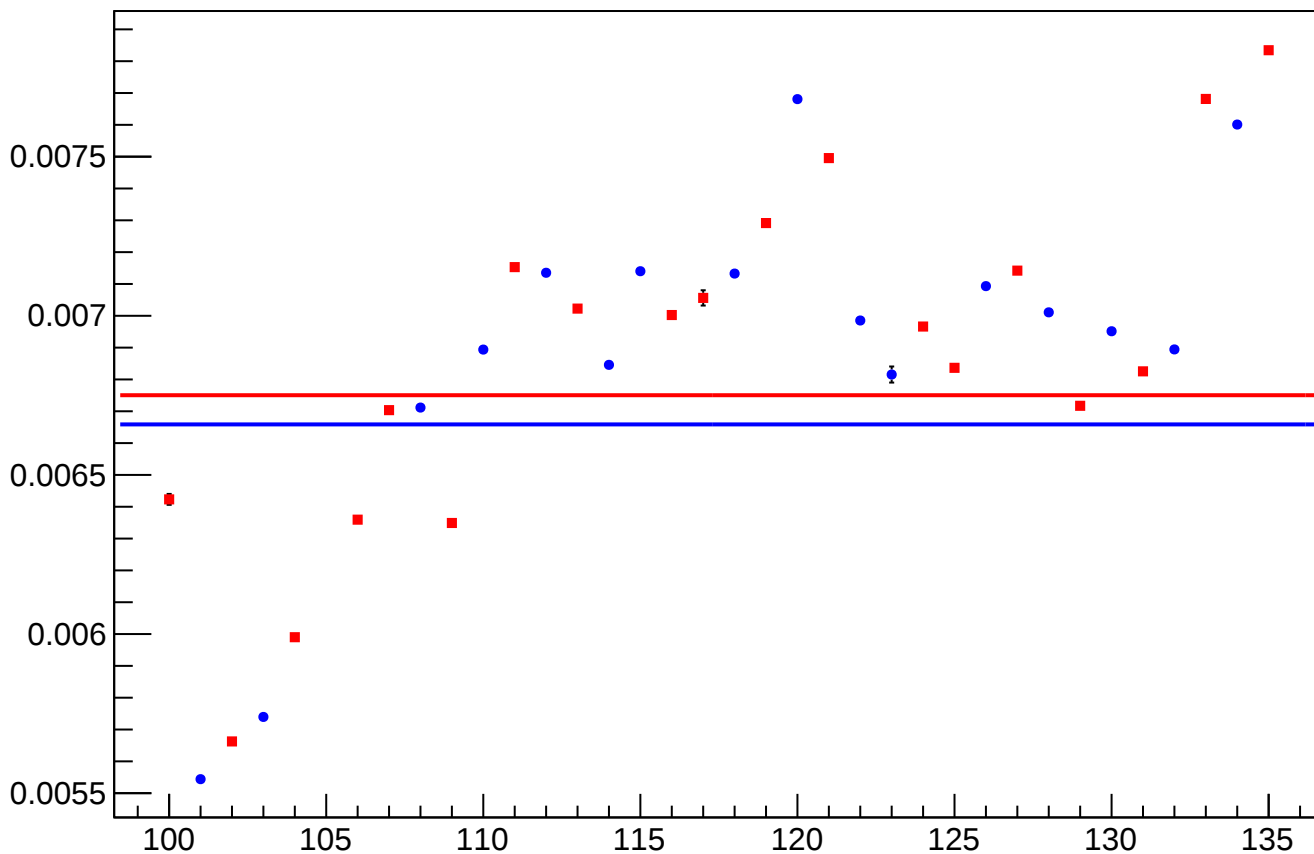
Right Out: -2.363+/-0.000 χ^2/NDF : 60327709075.9/18

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

-2.422+/-0.000 χ^2/NDF : 52272391791.6/15

-2.363+/-0.000 χ^2/NDF : 60327709075.9/18

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

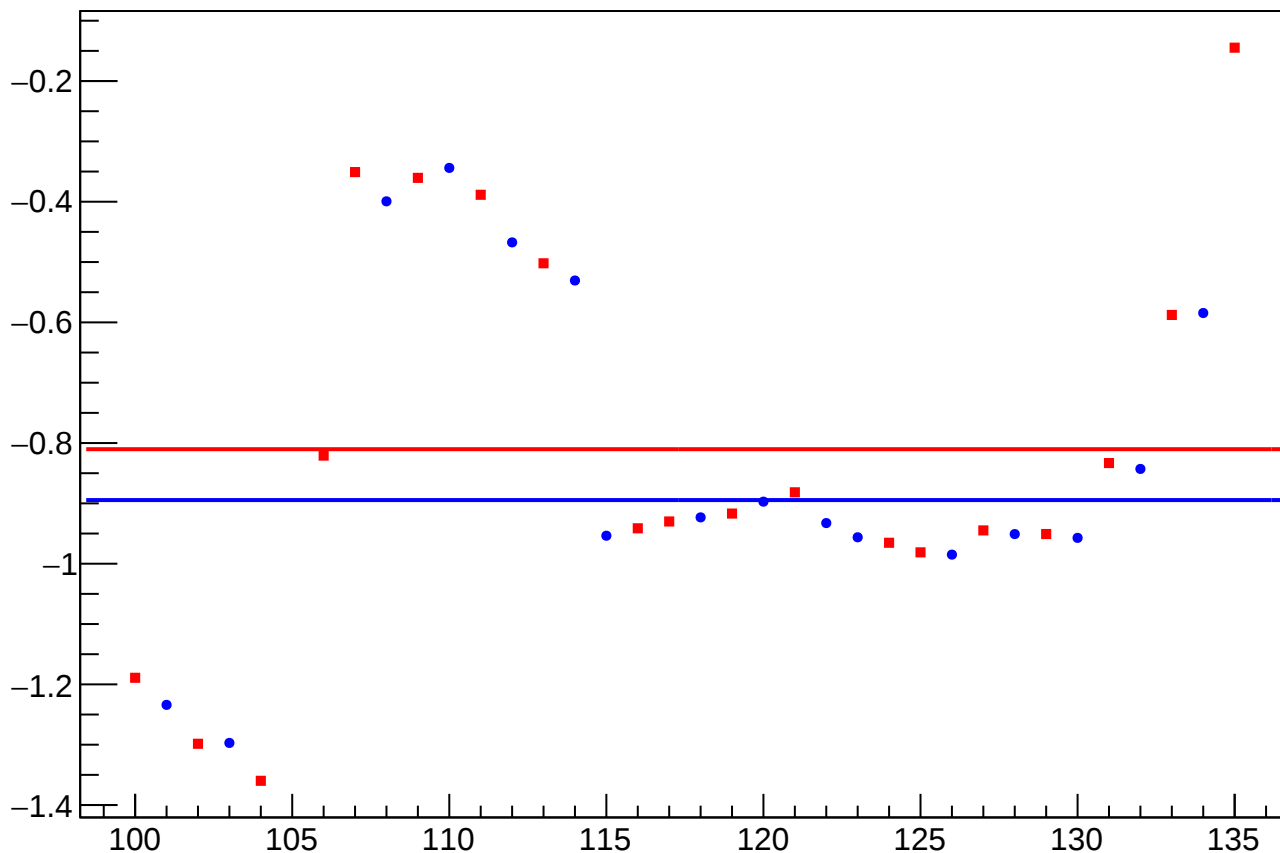
Right Out: 0.007+/-0.000 χ^2/NDF : 115036.5/18

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 : 115036.5/18

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

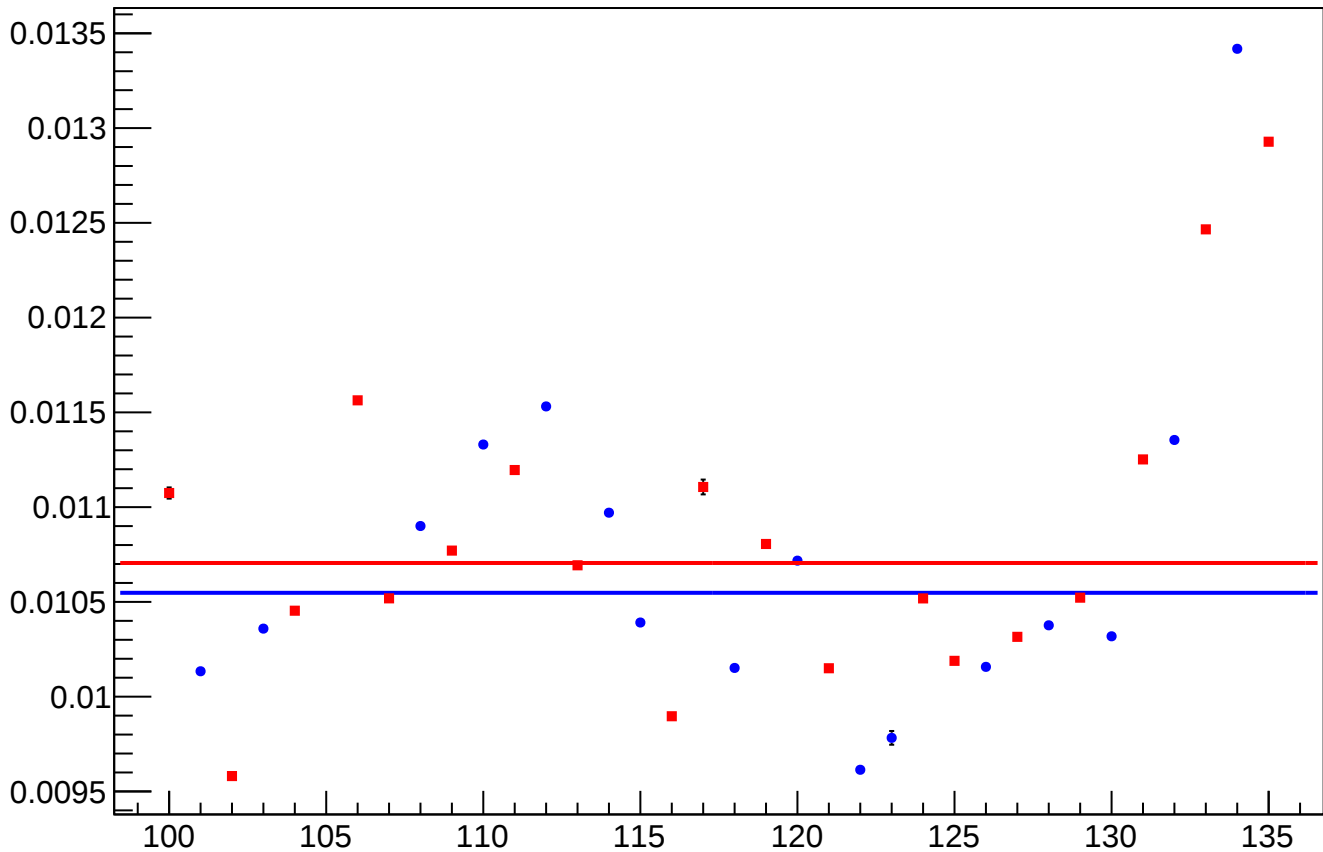
Right Out: -0.810+/-0.000 χ^2 /NDF: 7172810067.8/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.895+/-0.000 χ^2 /NDF: 4030543850.6/15

-0.810+/-0.000 χ^2 /NDF: 7172810067.8/18

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

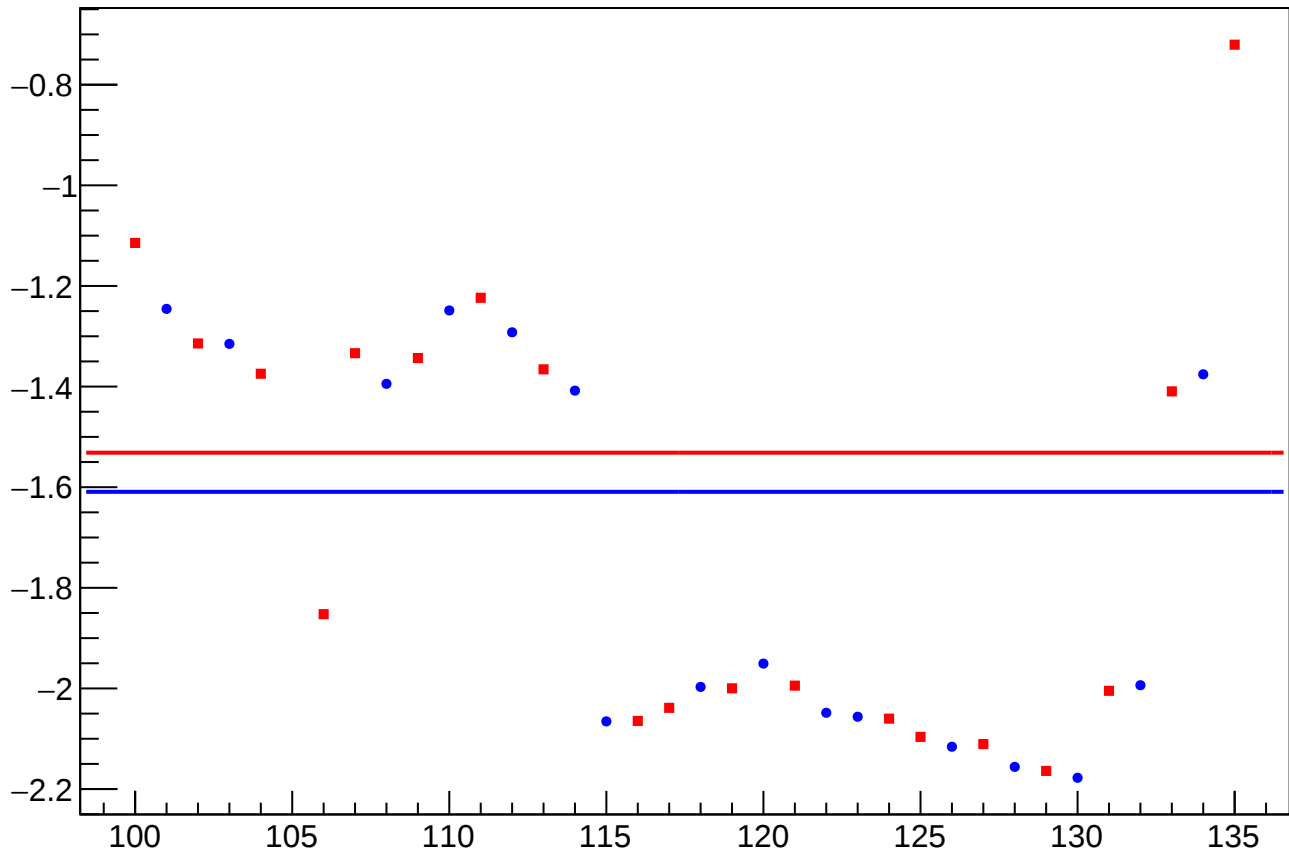
Right Out: 0.011+/-0.000 χ^2/NDF : 75750.3/18

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 : 75750.3/18

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

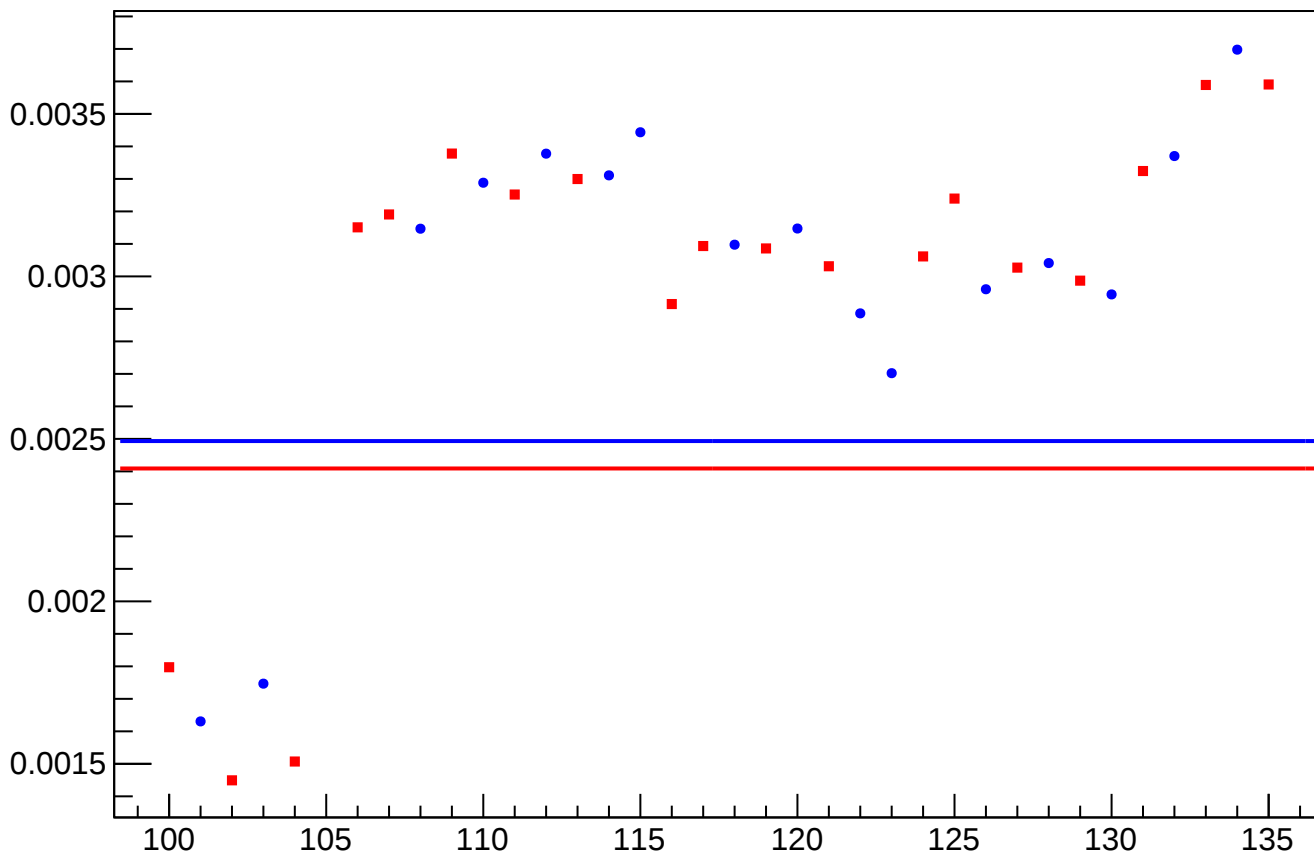
Right Out: -1.531+/-0.000 χ^2/NDF : 132613890066.4/18

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

-1.609+/-0.000 χ^2/NDF : 121113792272.3/15

-1.531+/-0.000 χ^2/NDF : 132613890066.4/18

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

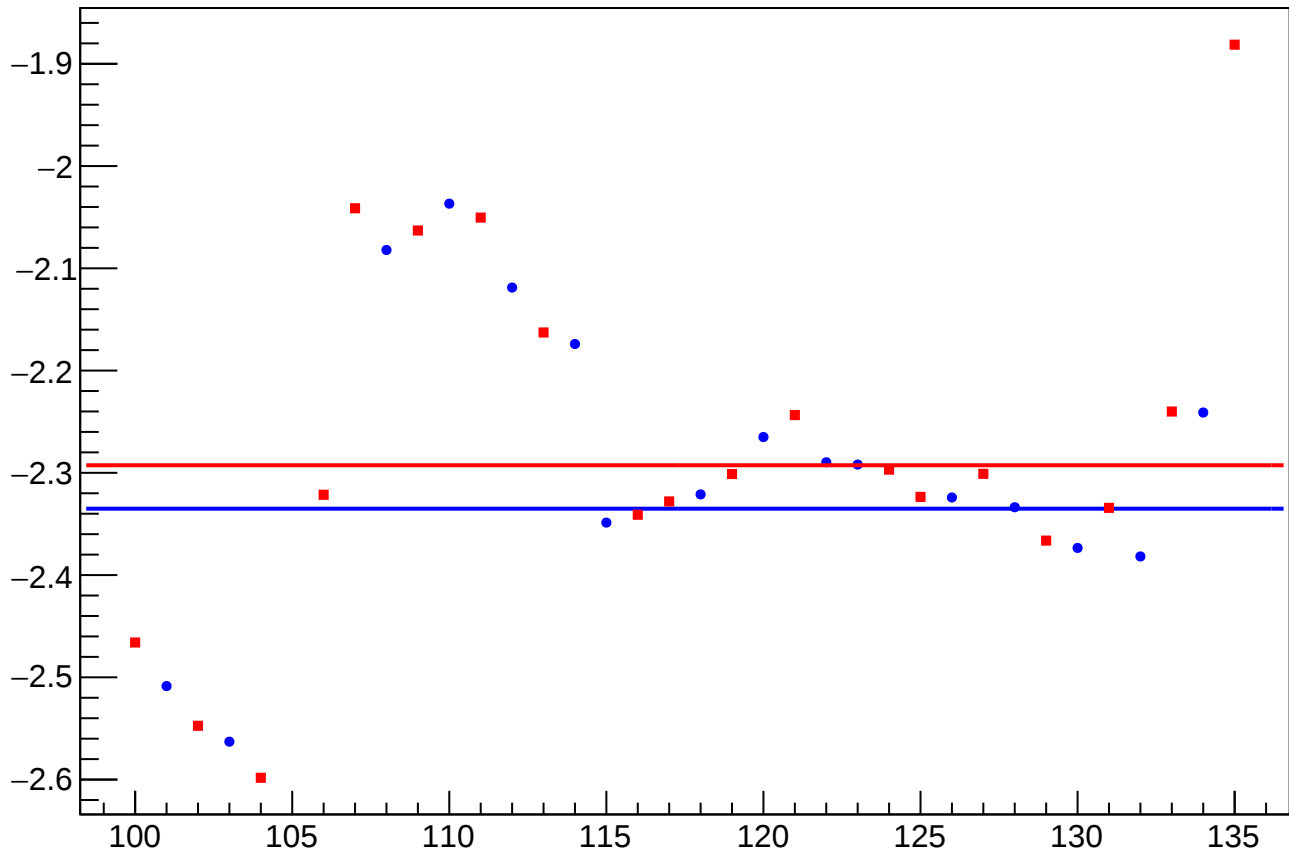
Right Out: 0.002+/-0.000 χ^2/NDF : 1453503.0/18

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 : 1453503.0/18

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

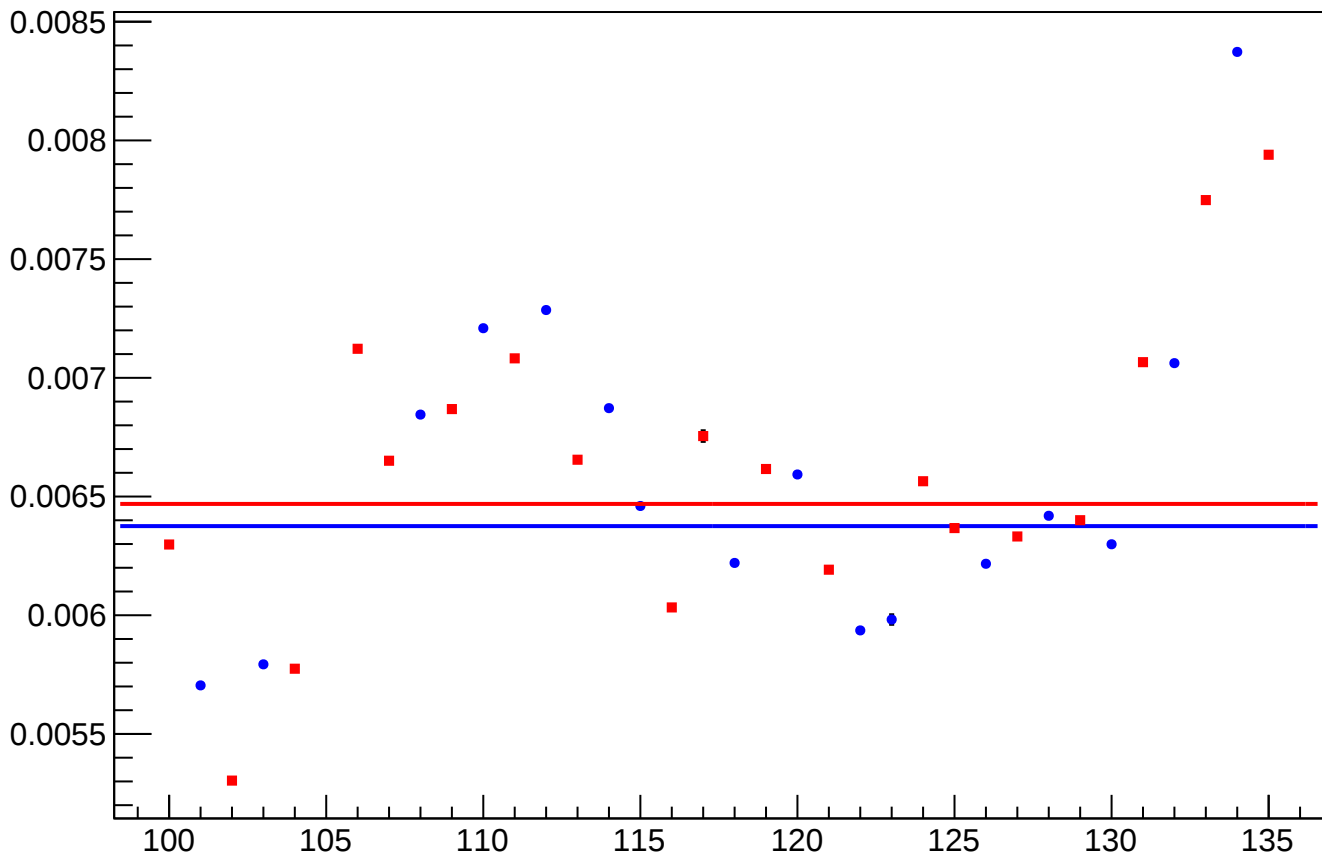
Right Out: -2.293+/-0.000 χ^2/NDF : 5795913669.2/18

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

-2.335+/-0.000 χ^2/NDF : 3060473182.1/15

-2.293+/-0.000 χ^2/NDF : 5795913669.2/18

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

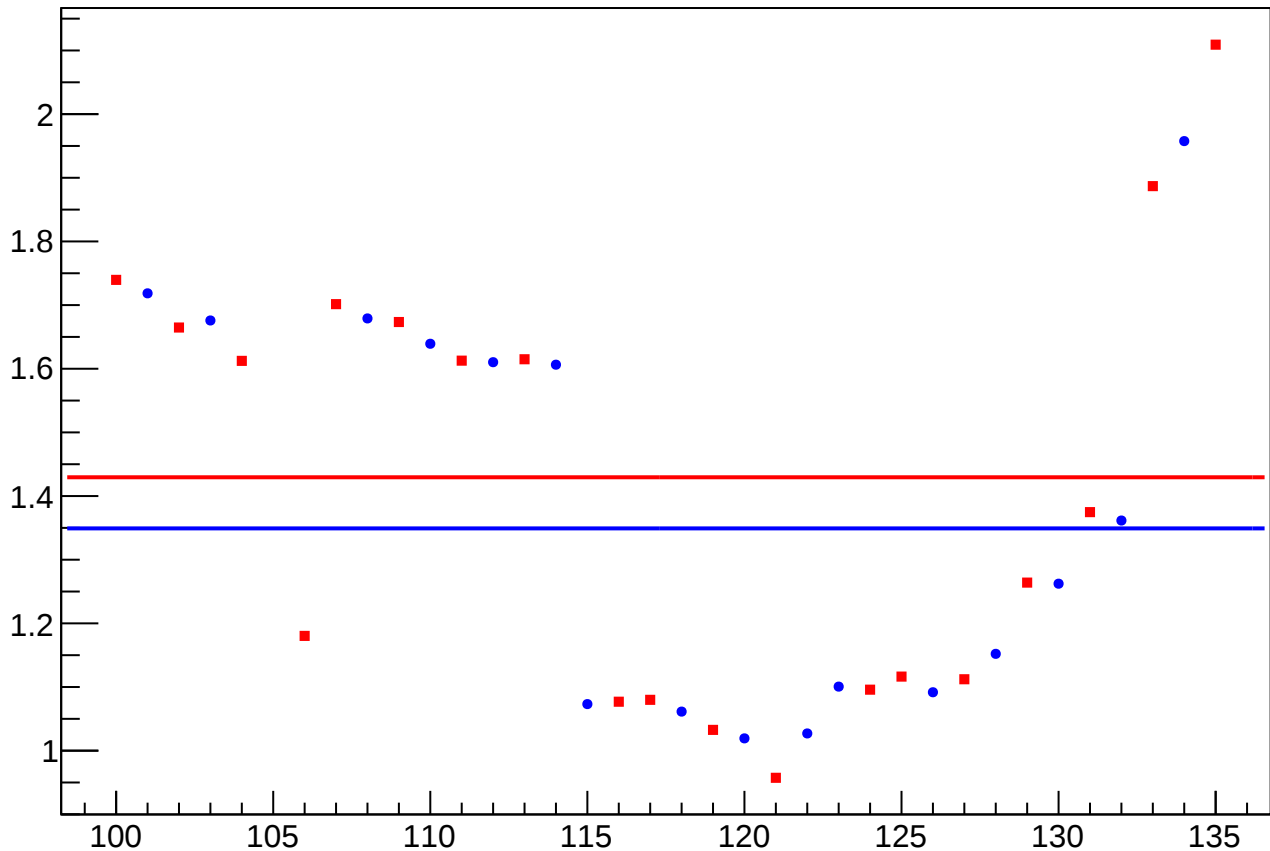
Right Out: 0.006+/-0.000 χ^2/NDF : 147108.5/18

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 : 147108.5/18

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

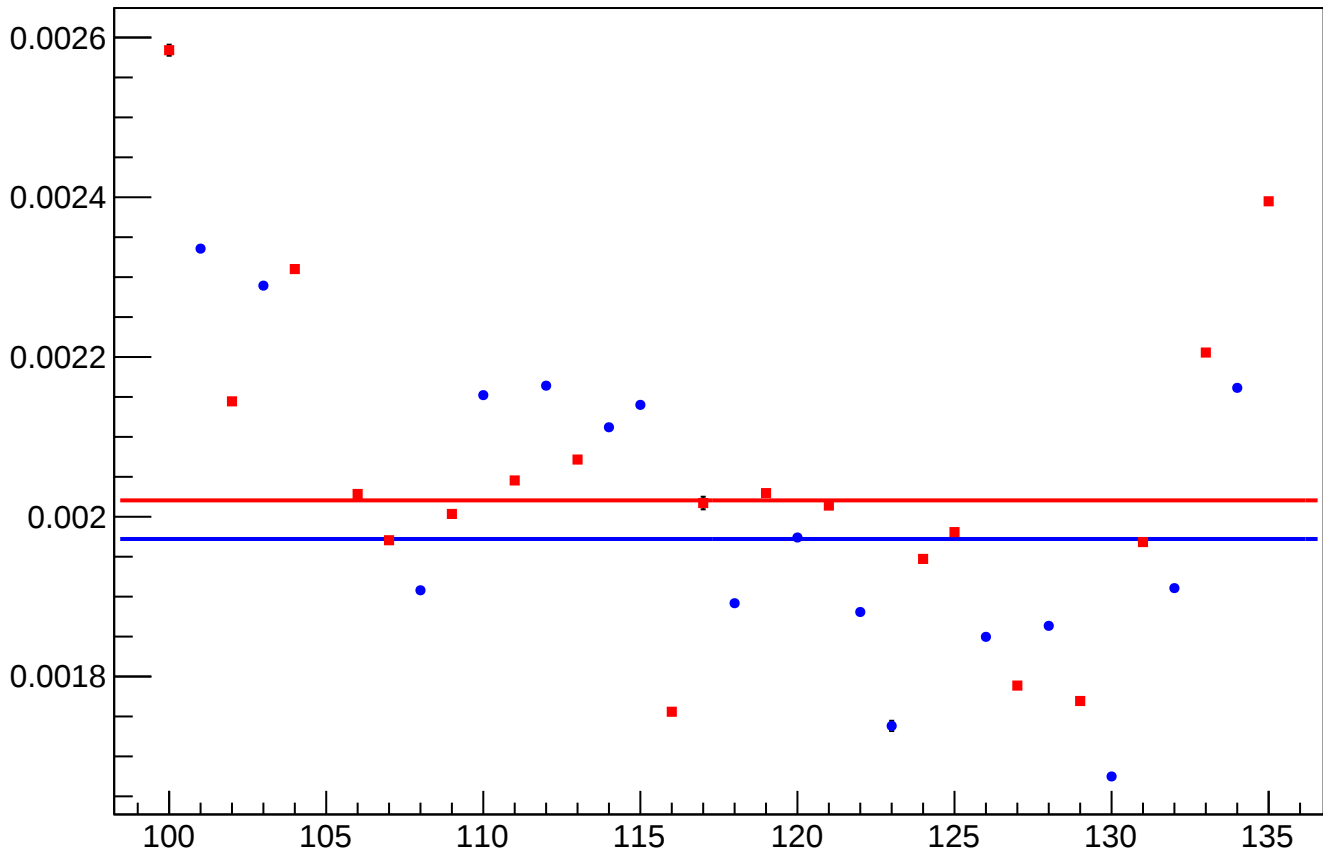
1.349+/-0.000 χ^2/NDF : 109826547108.2/15

Right Out: 1.429+/-0.000 χ^2/NDF : 163191552857.3/18

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

1.429+/-0.000 χ^2/NDF : 163191552857.3/18

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

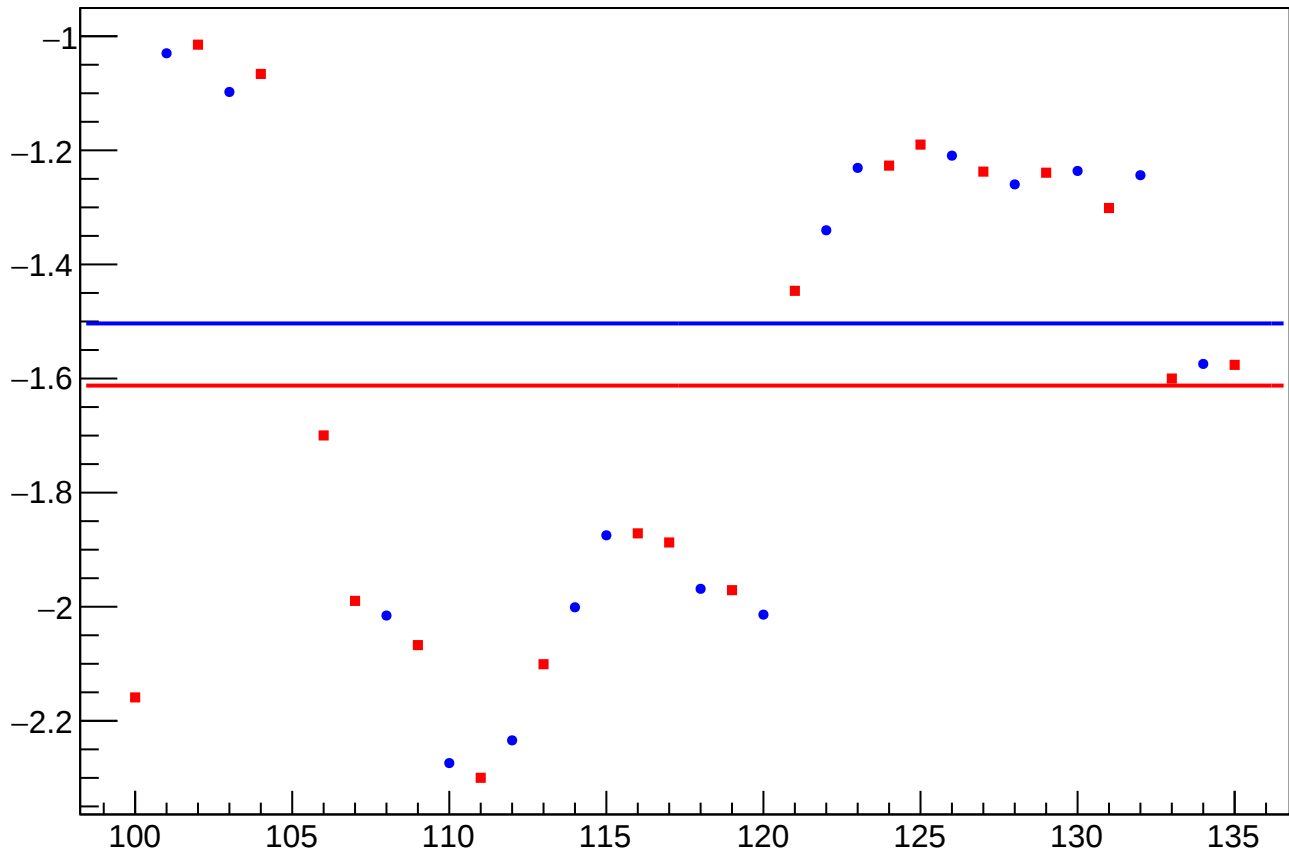
Right Out: 0.002+/-0.000 χ^2/NDF : 96930.2/18

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 : 96930.2/18

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

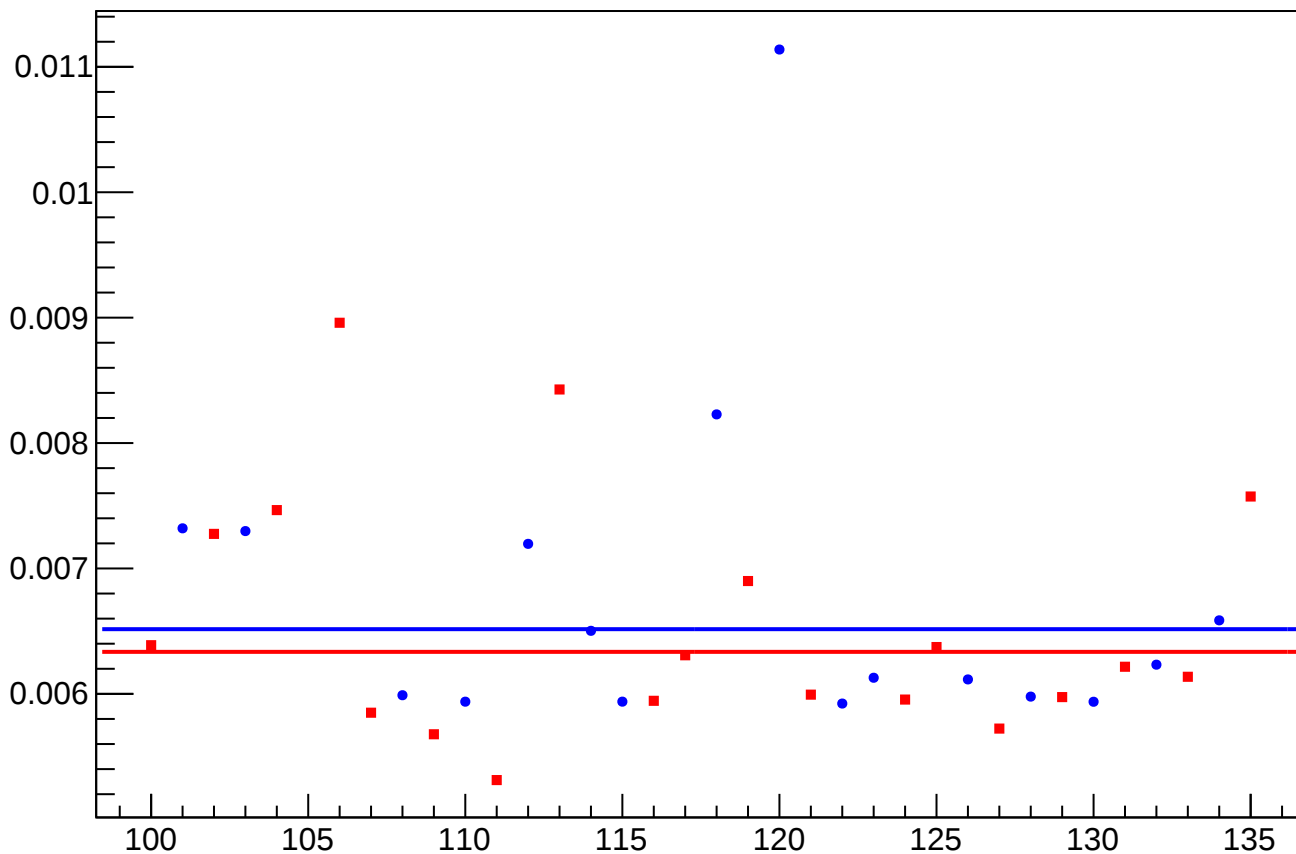
Right Out: -1.612+/-0.000 χ^2/NDF : 27860881485.6/18

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

-1.503+/-0.000 χ^2/NDF : 22459597861.1/15

-1.612+/-0.000 χ^2/NDF : 27860881485.6/18

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

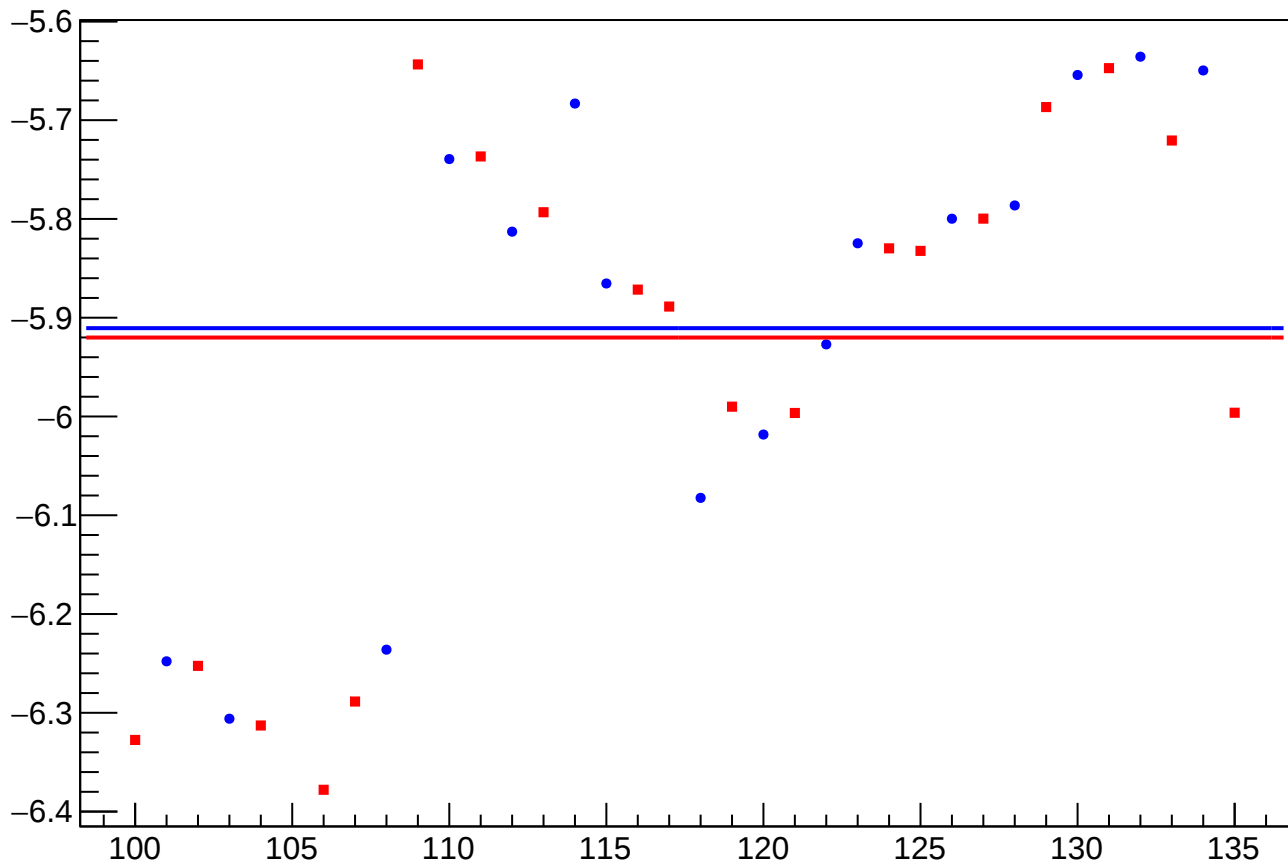
Right Out: 0.006+/-0.000 χ^2/NDF : 221992.5/18

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 : 221992.5/18

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

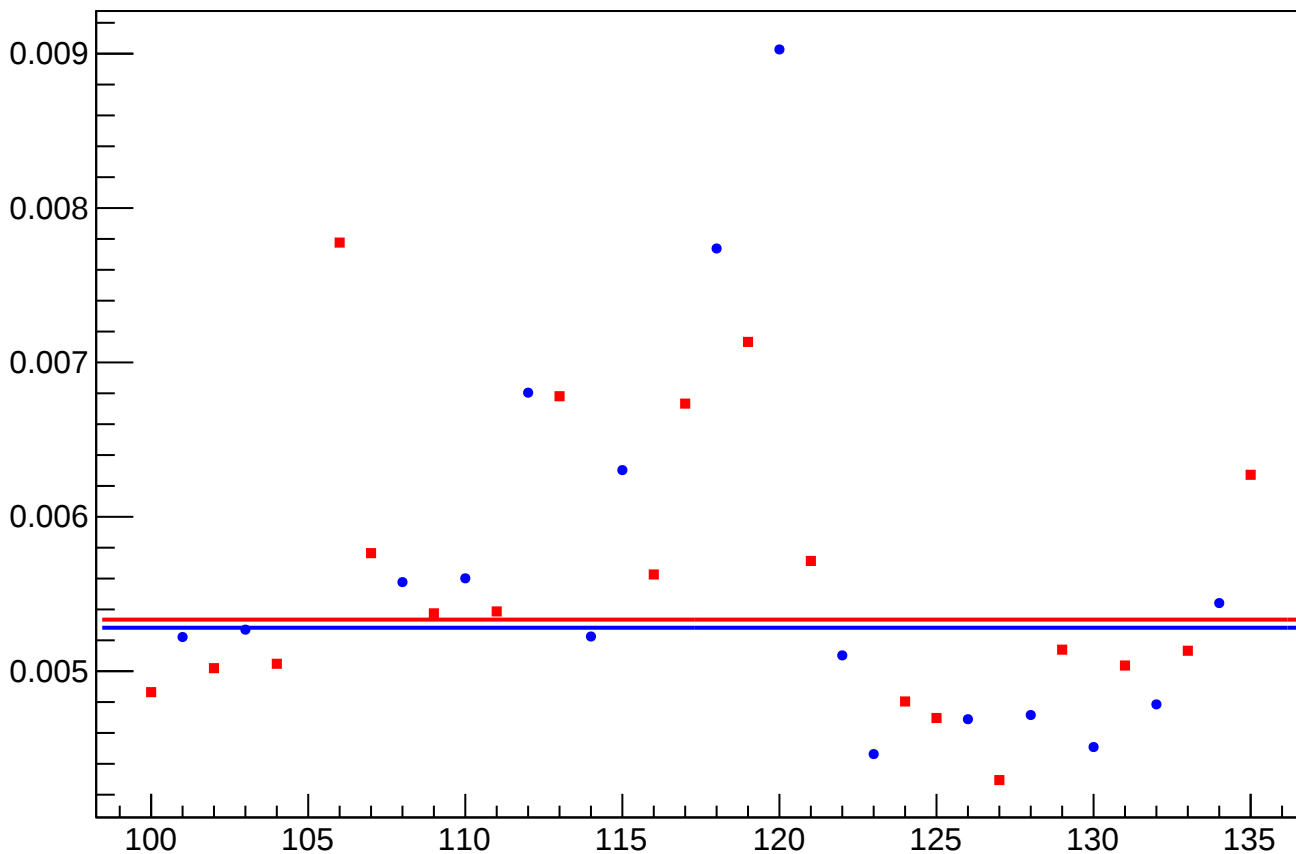
Right Out: -5.920+/-0.000 χ^2/NDF : 12785281807.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-5.911+/-0.000 χ^2/NDF : 11154089598.9/15

-5.920+/-0.000 χ^2/NDF : 12785281807.5/18

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

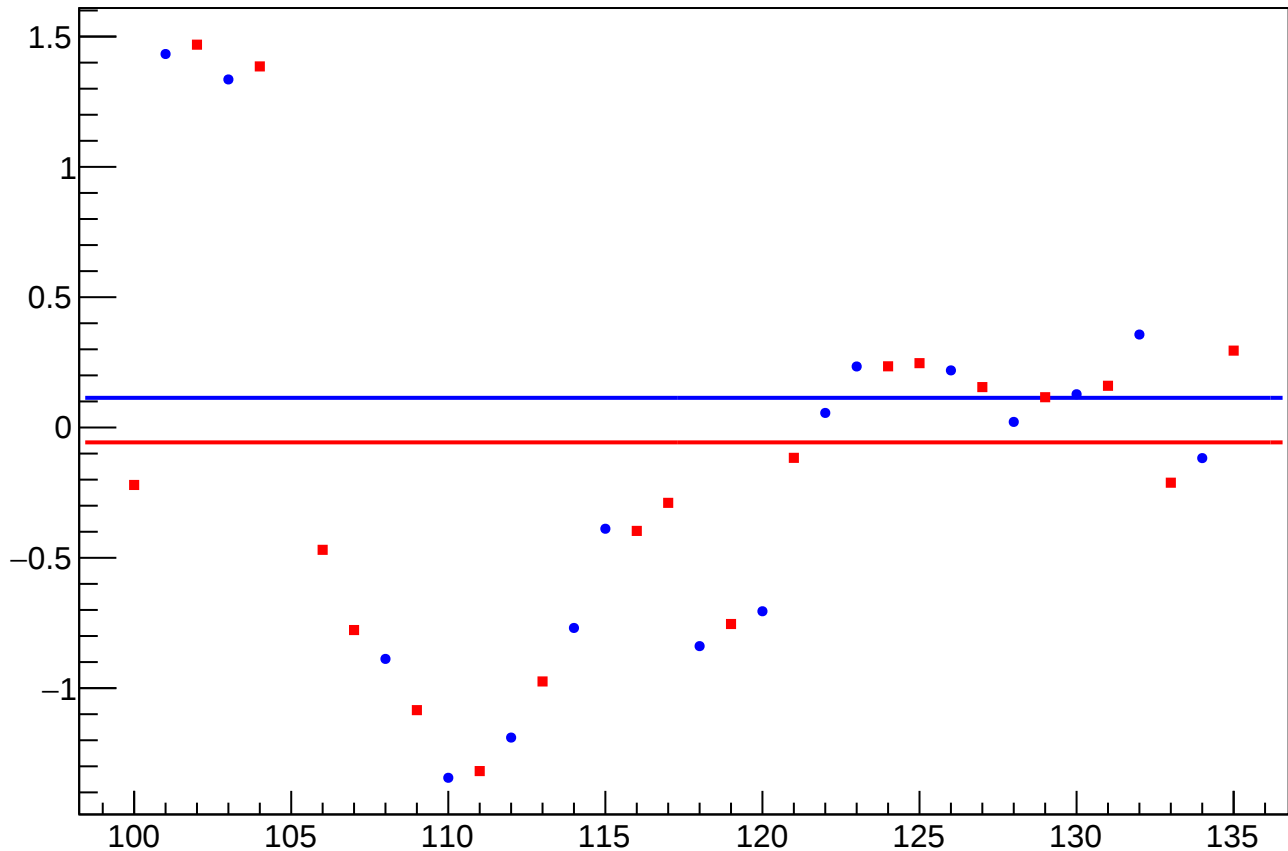
Right Out: 0.005+/-0.000 χ^2/NDF : 244735.5/18

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 : 244735.5/18

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

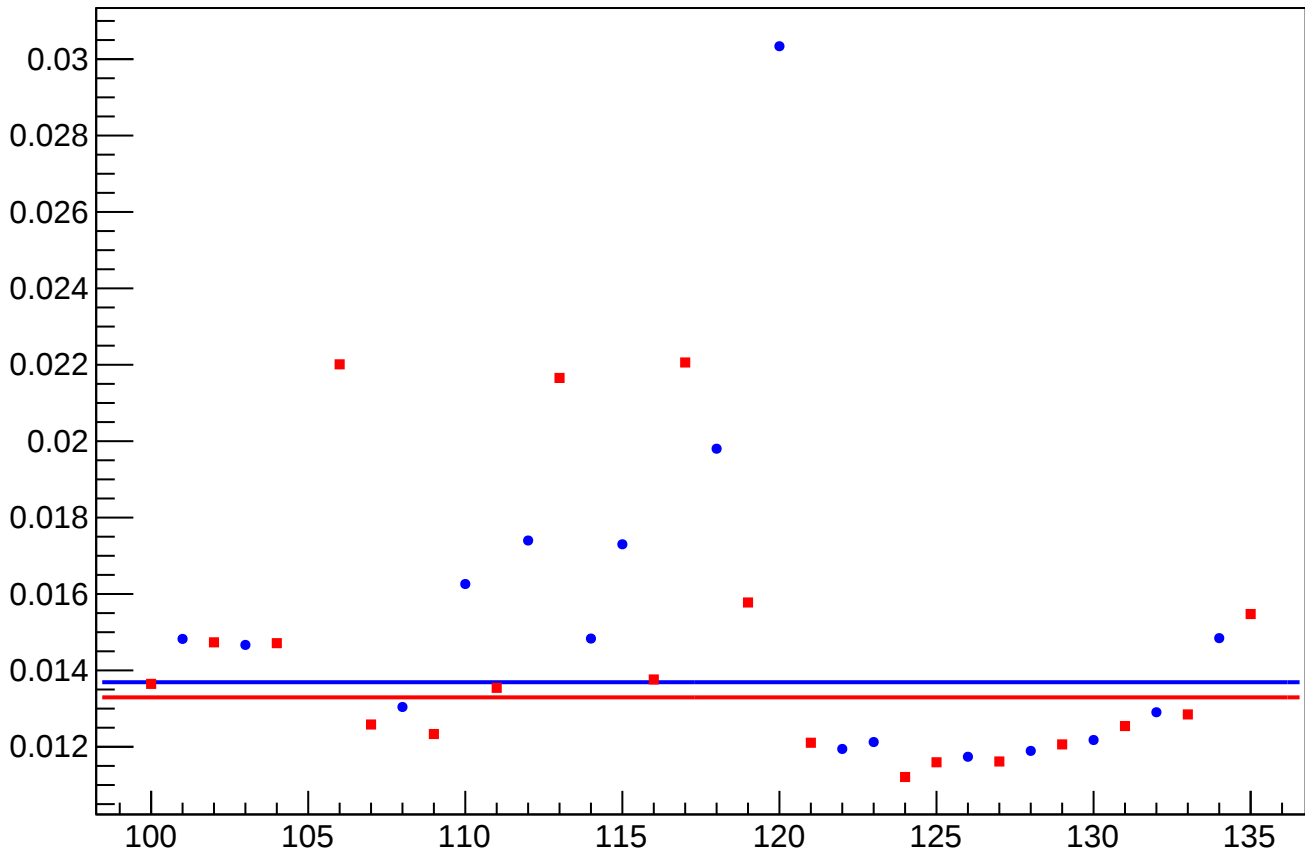
0.114+/-0.000 χ^2/NDF : 16575943097.0/15

Right Out: -0.057+/-0.000 χ^2/NDF : 21061014360.4/18

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

-0.057+/-0.000 χ^2/NDF : 21061014360.4/18

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

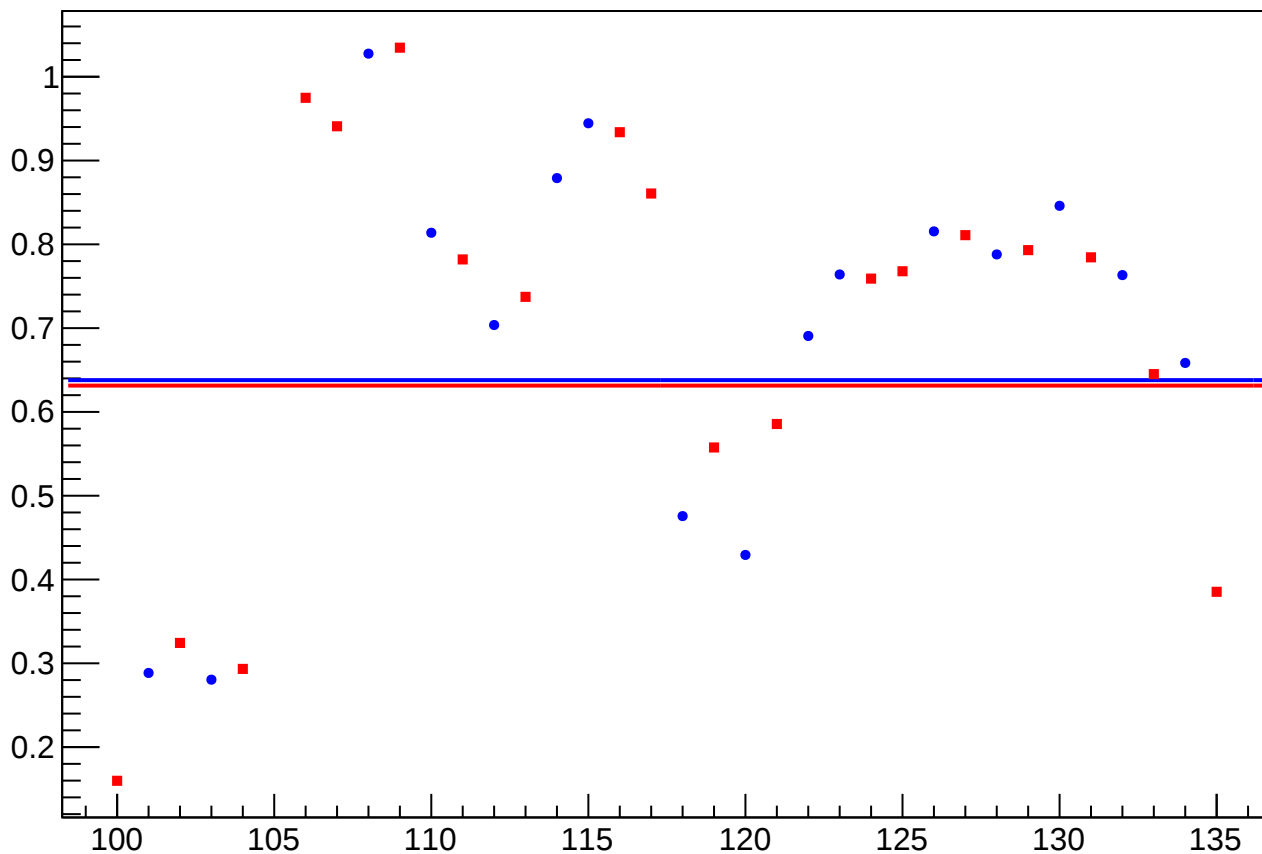
Right Out: 0.013+/-0.000 χ^2/NDF : 297708.7/18

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 : 297708.7/18

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

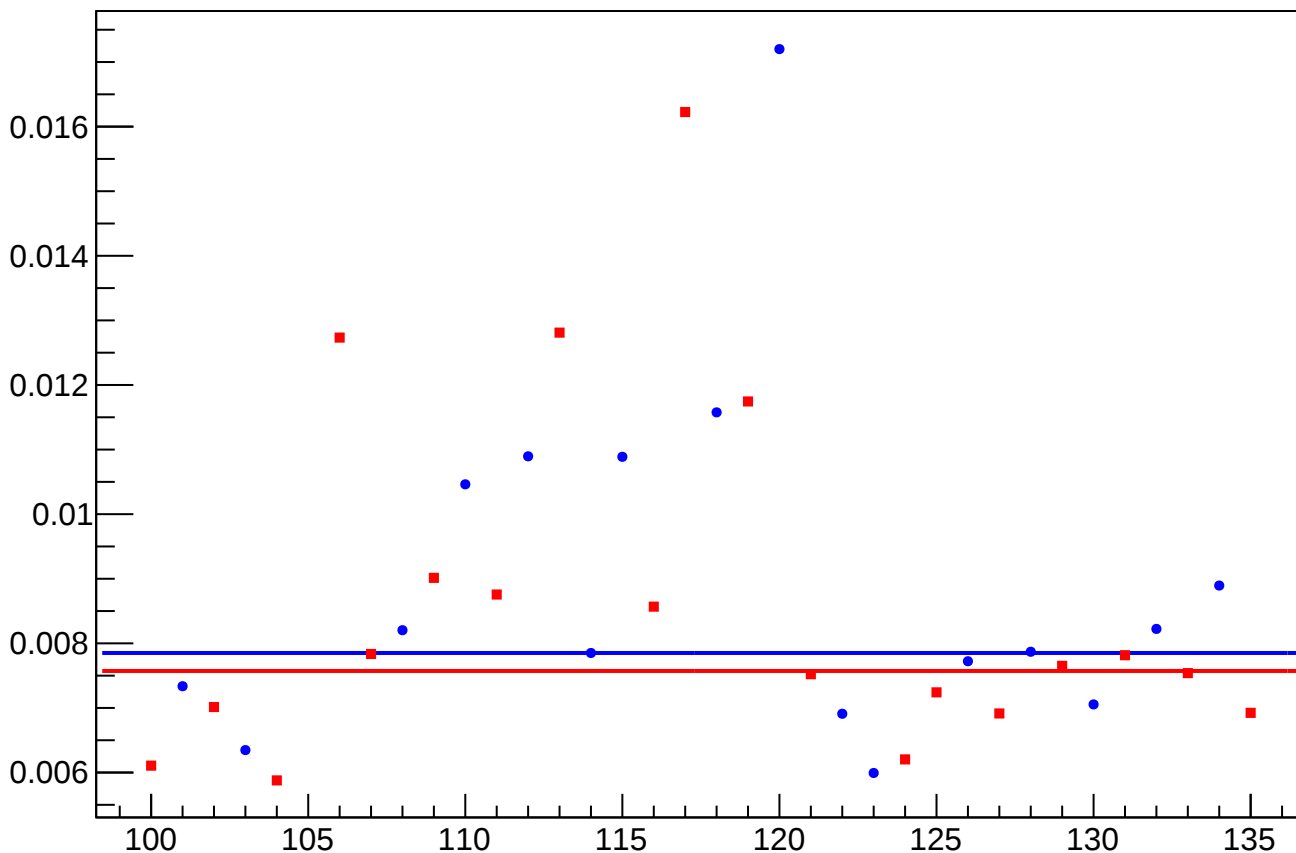
Right Out: 0.631+/-0.000 χ^2/NDF : 6291017661.4/18

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

0.638+/-0.000 χ^2/NDF : 5188796635.9/15

0.631+/-0.000 χ^2/NDF : 6291017661.4/18

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

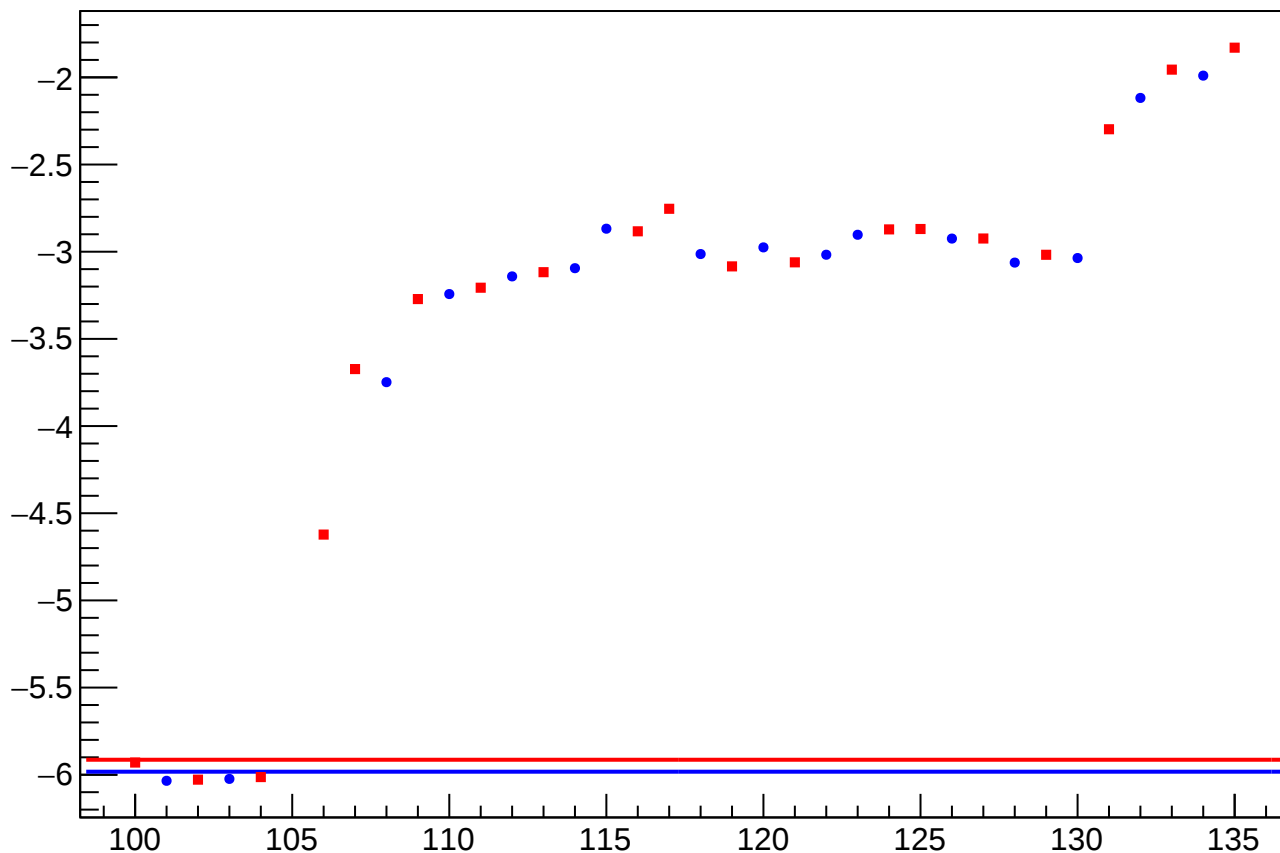
Right Out: 0.008+/-0.000 χ^2/NDF : 461866.9/18

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 : 461866.9/18

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

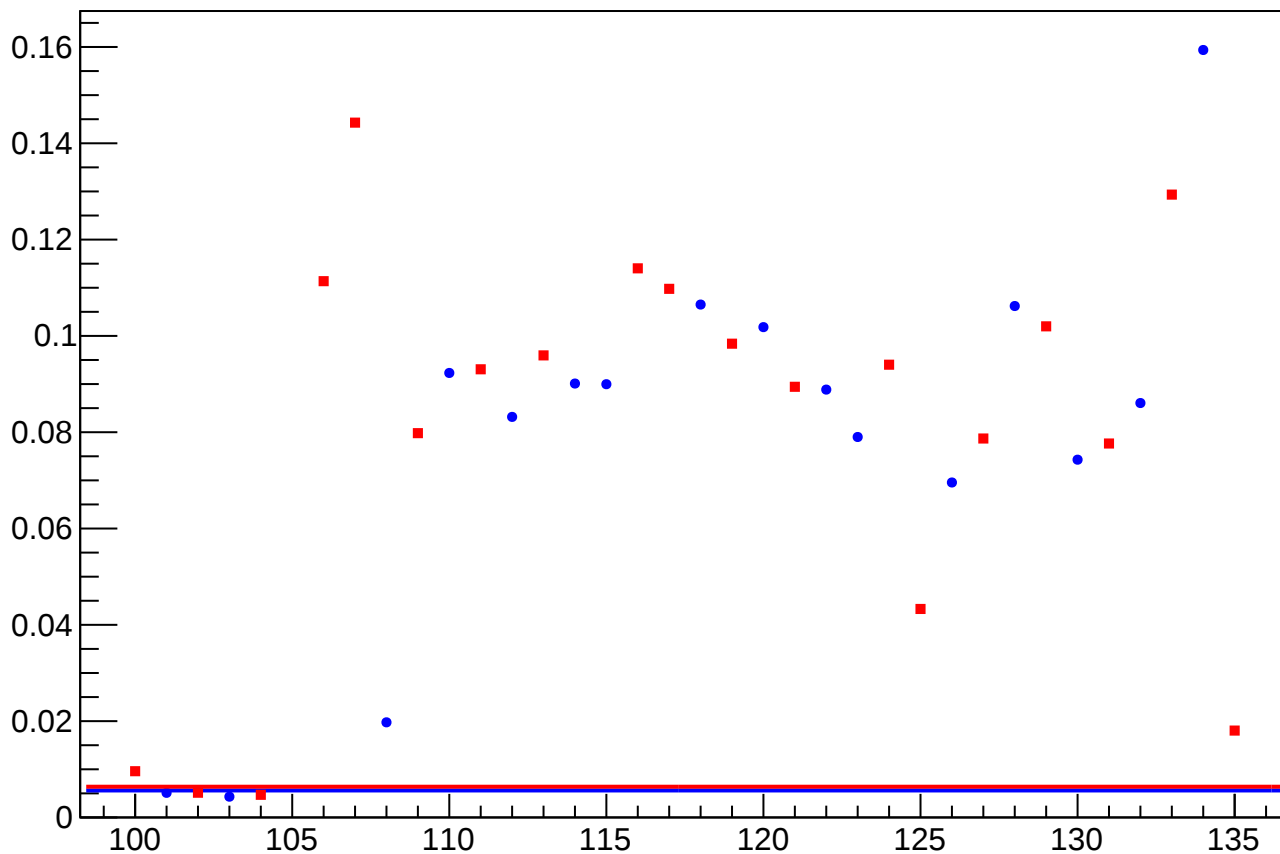
Right Out: -5.914+/-0.000 χ^2/NDF : 14376214574.6/18

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

-5.982+/-0.000 χ^2/NDF : 6119432599.1/15

-5.914+/-0.000 χ^2/NDF : 14376214574.6/18

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

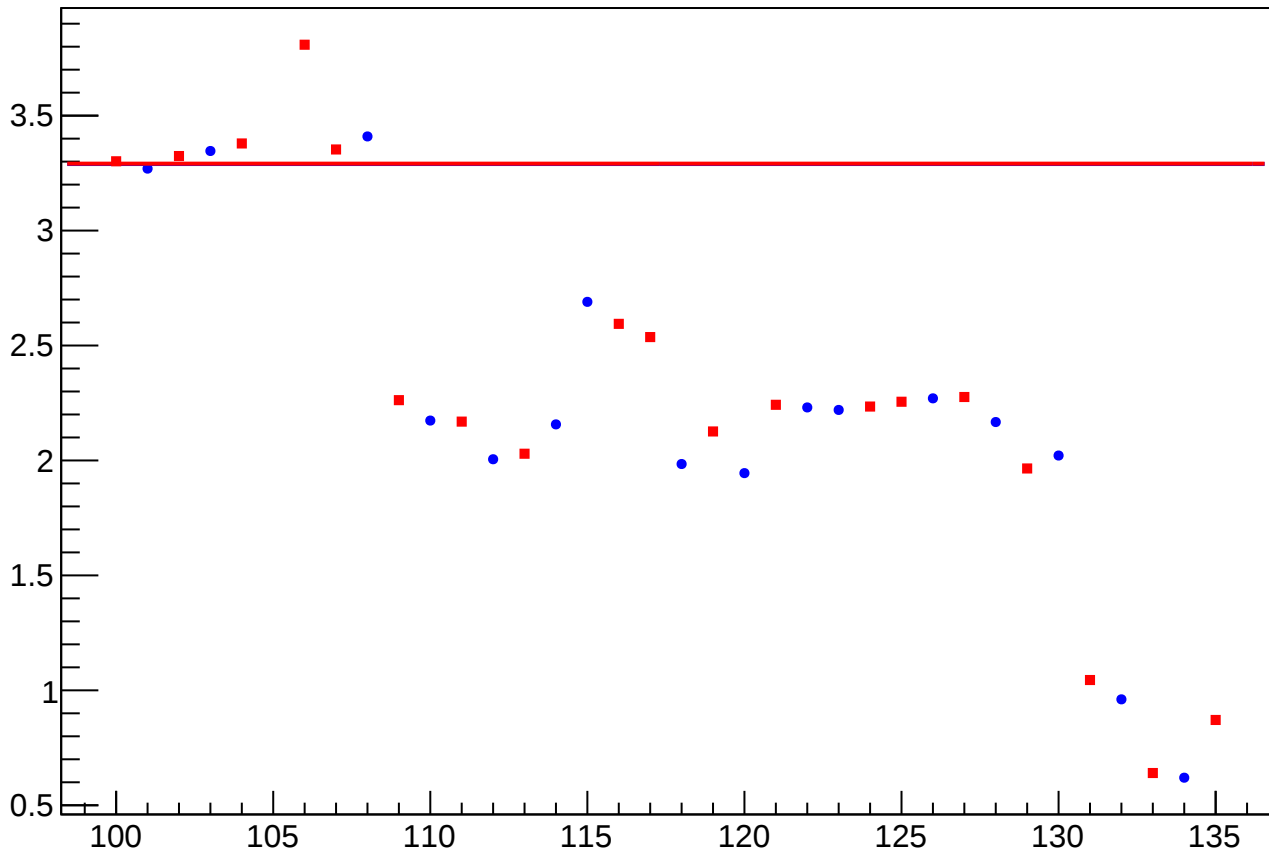
Right Out: 0.006+/-0.000 χ^2/NDF : 8267427.8/18

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 : 8267427.8/18

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

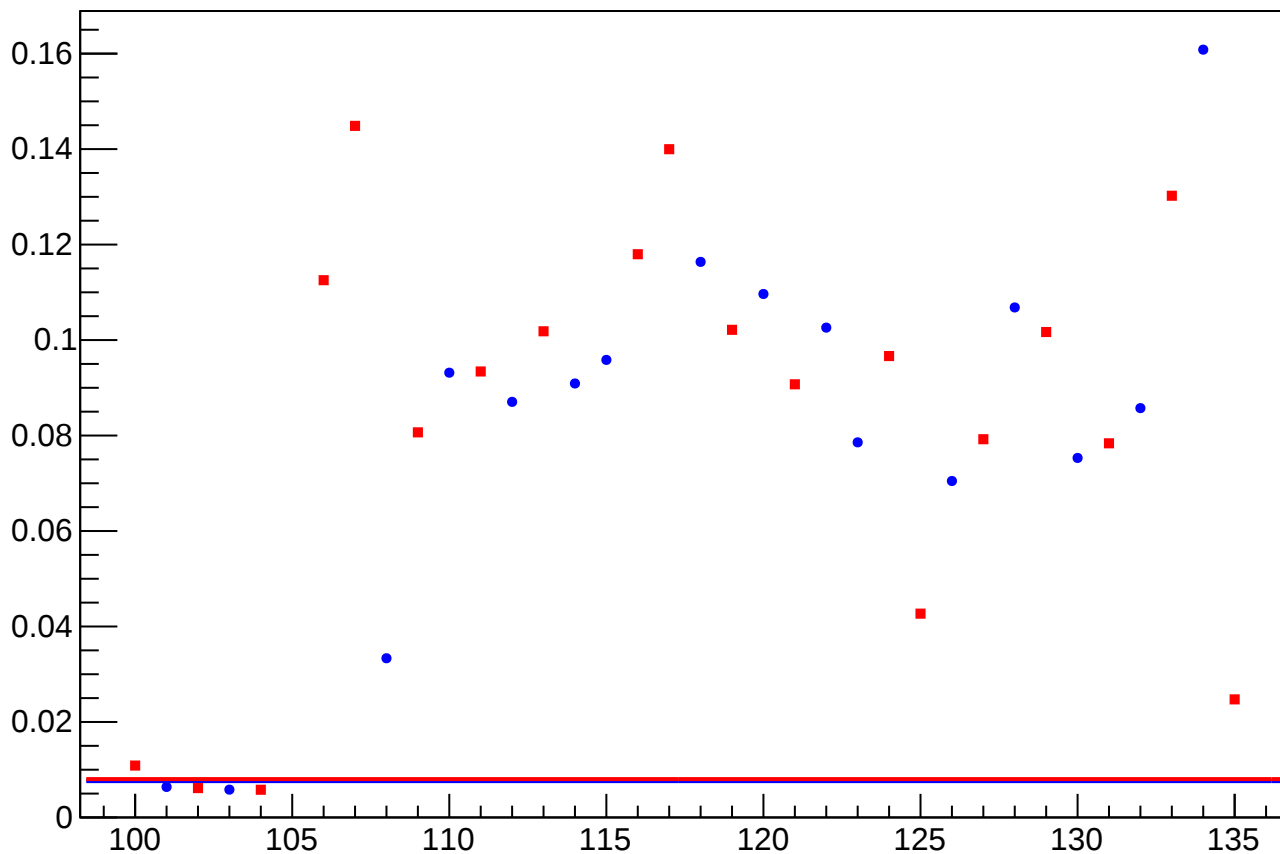
3.289+/-0.000 χ^2/NDF : 942888504.7/15

Right Out: 3.291+/-0.000 χ^2/NDF : 3183349620.2/18

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

3.291+/-0.000 χ^2/NDF : 3183349620.2/18

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

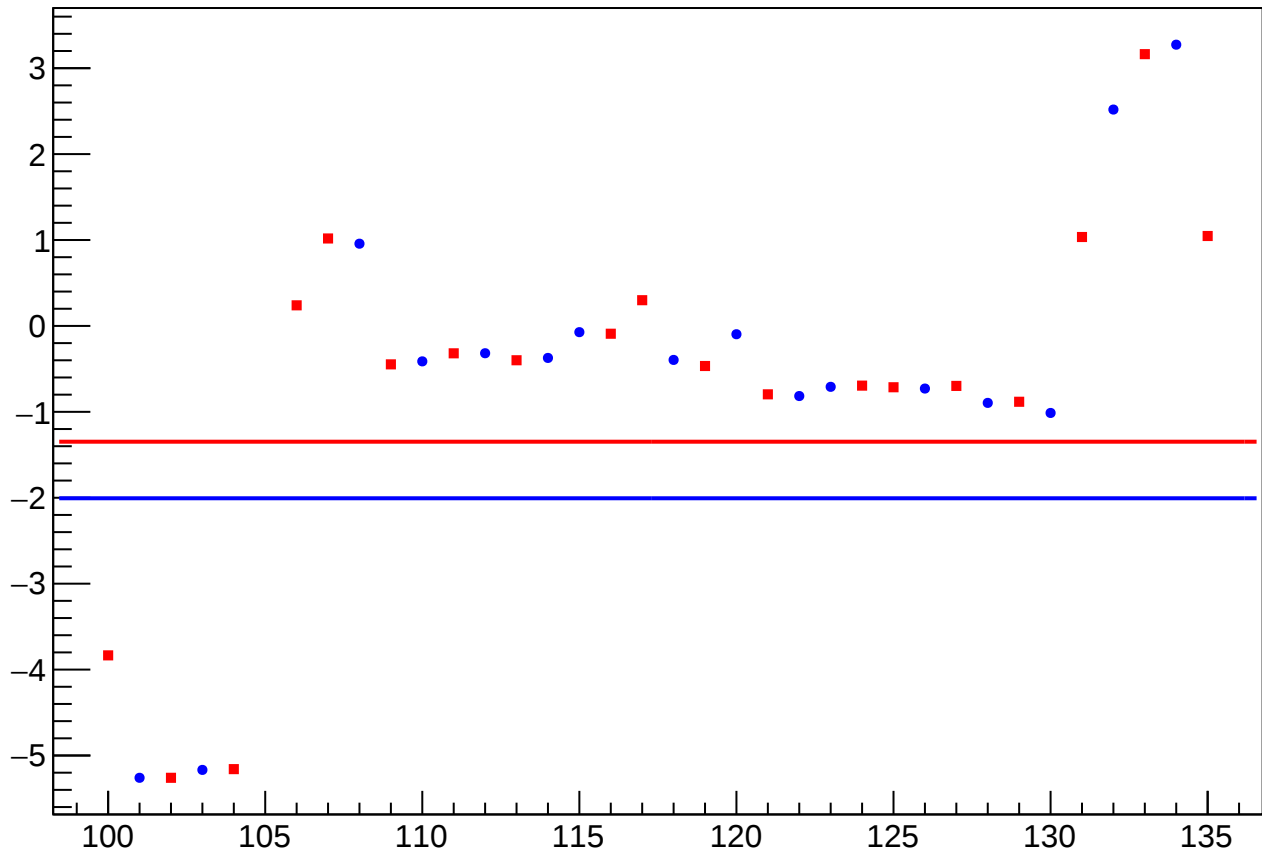
Right Out: 0.008+/-0.000 χ^2/NDF : 8087195.8/18

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 : 8087195.8/18

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

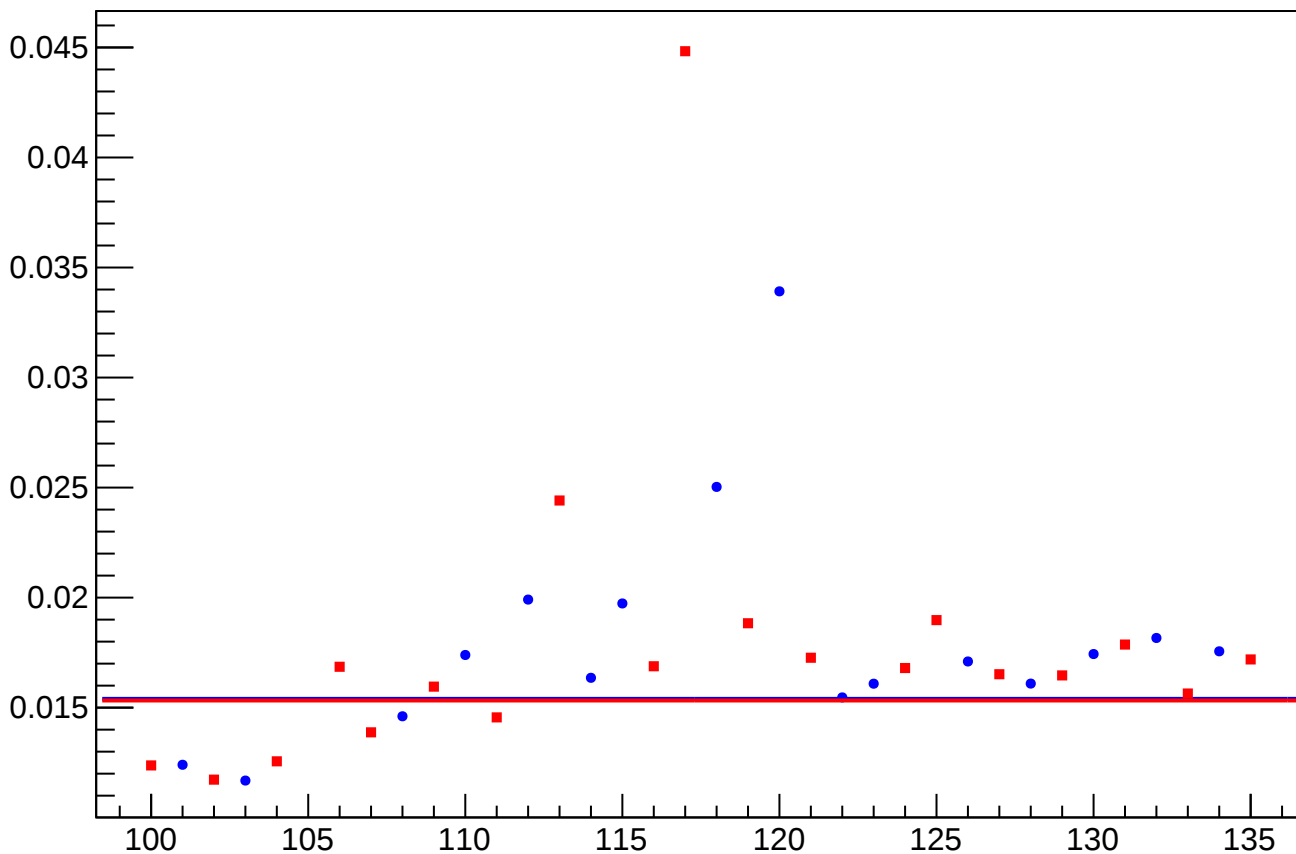
-2.006+/-0.000 χ^2/NDF : 148441563456.1/15

Right Out: -1.348+/-0.000 χ^2/NDF : 175236346805.3/18

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

-1.348+/-0.000 χ^2/NDF : 175236346805.3/18

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

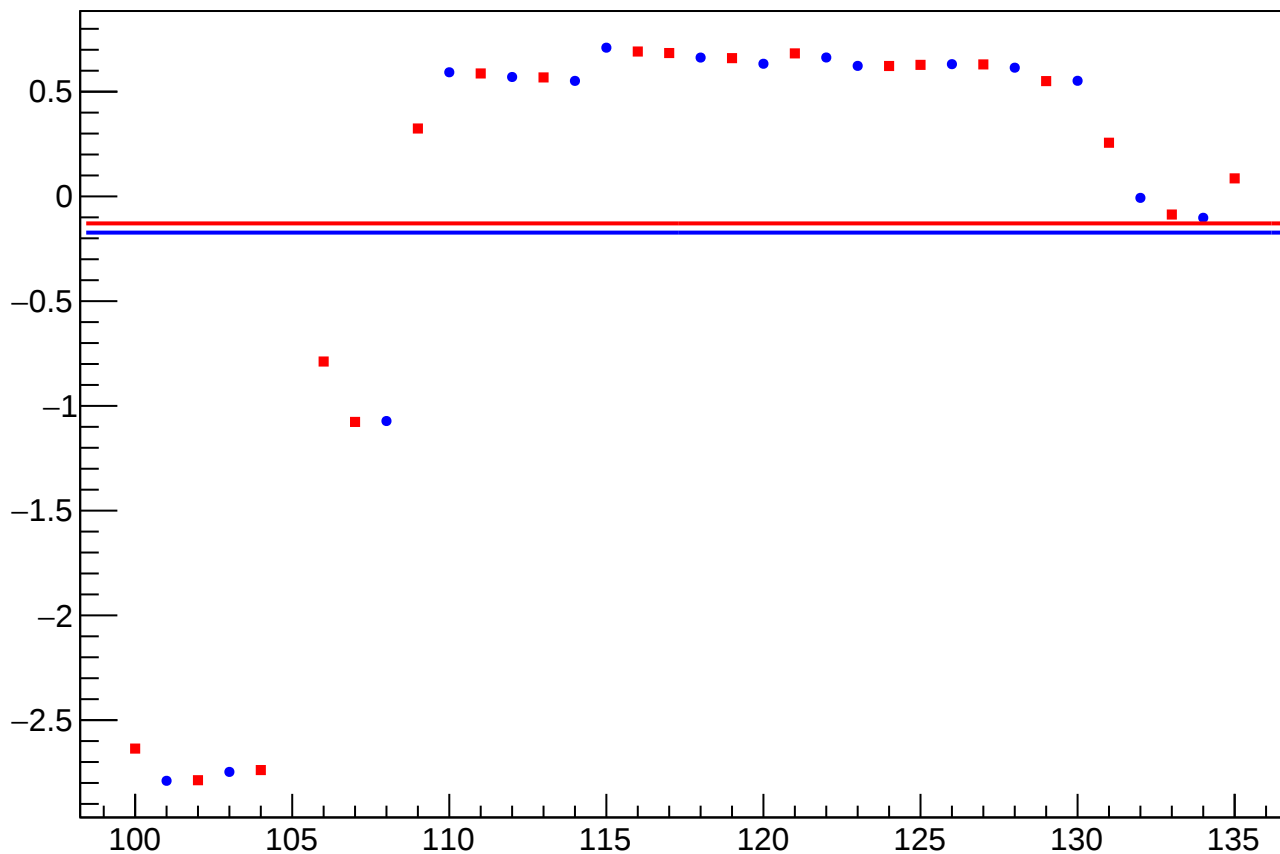
Right Out: 0.015+/-0.000 χ^2/NDF : 383866.4/18

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 : 383866.4/18

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

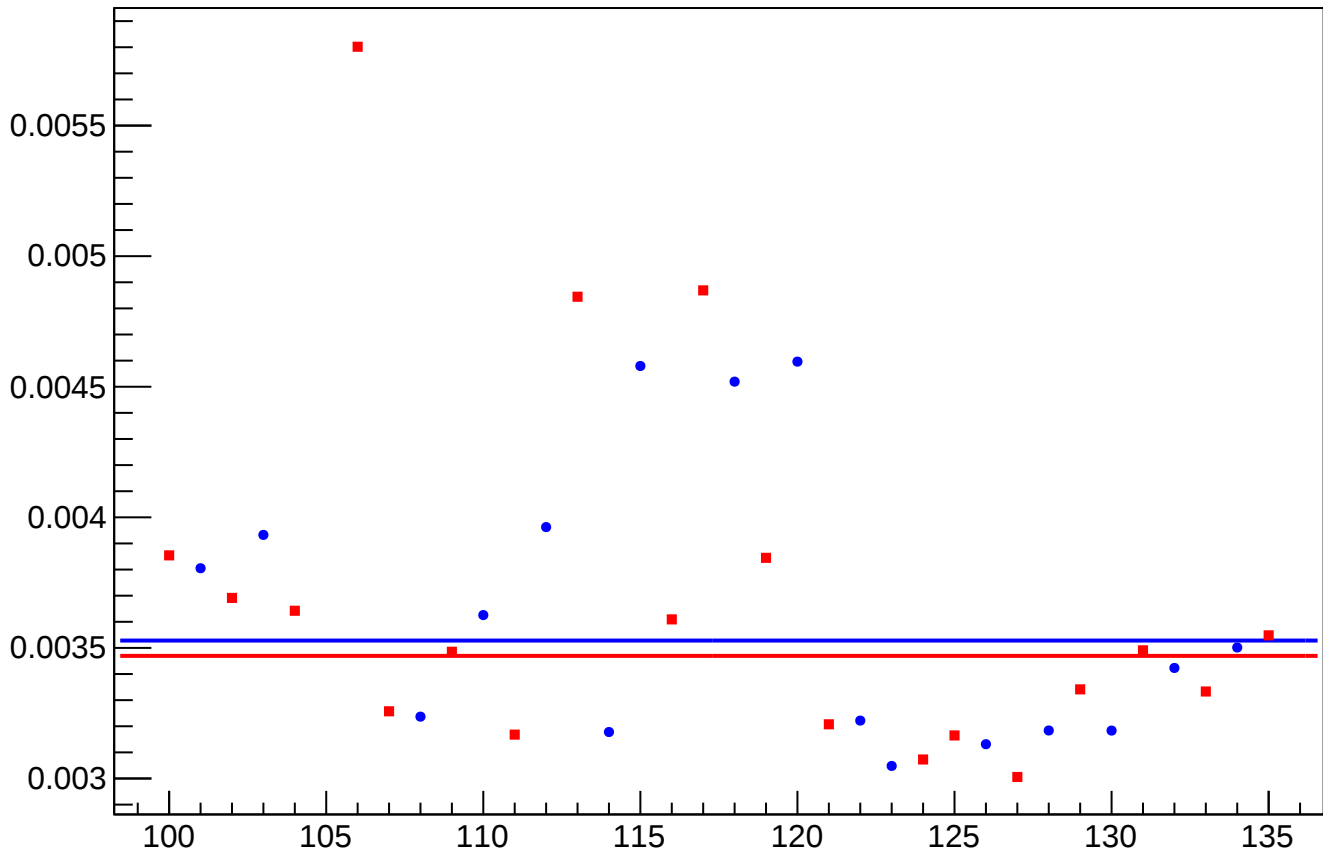
Right Out: -0.129+/-0.000 χ^2/NDF : 761873184054.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.173+/-0.000 χ^2/NDF : 711251330465.3/15

-0.129+/-0.000 χ^2/NDF : 761873184054.0/18

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

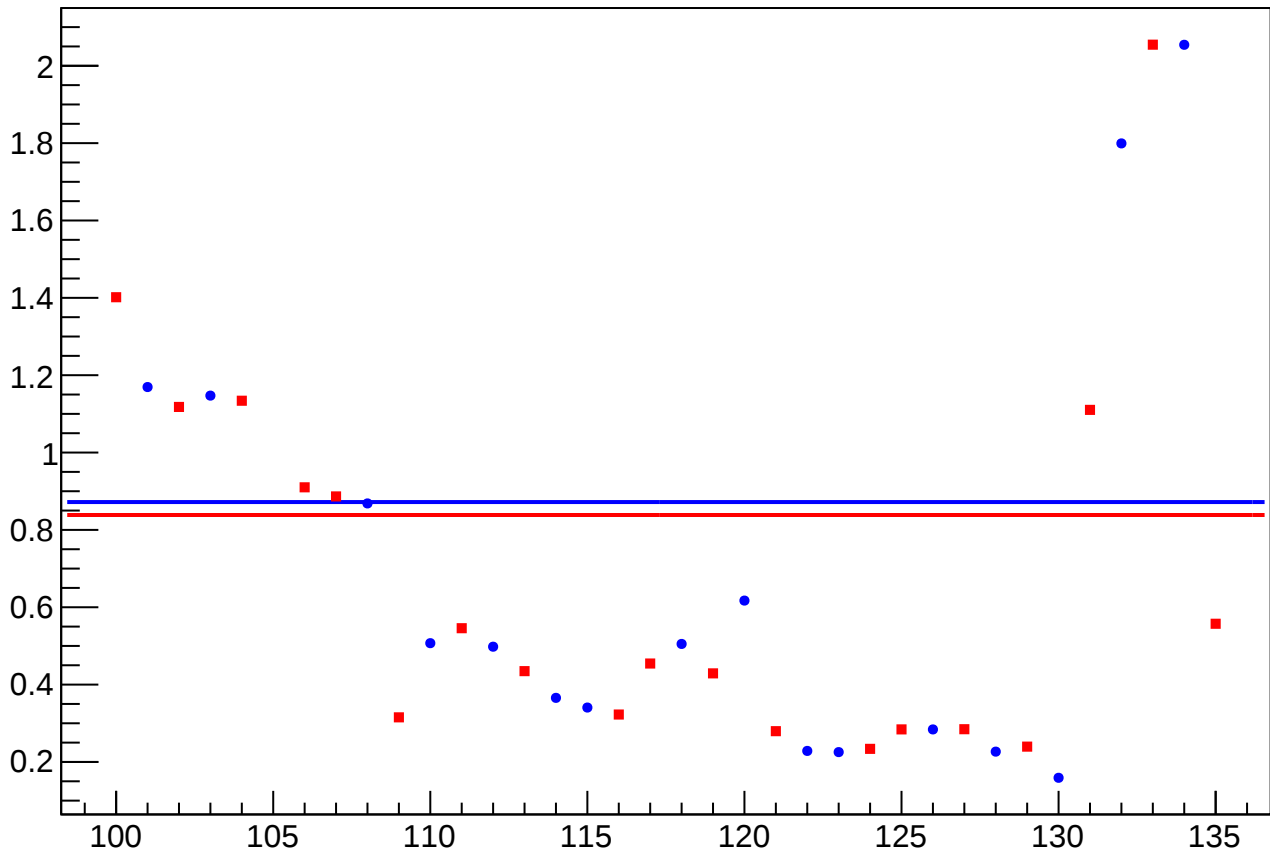
Right Out: 0.003+/-0.000 χ^2/NDF : 222034.2/18

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 : 222034.2/18

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

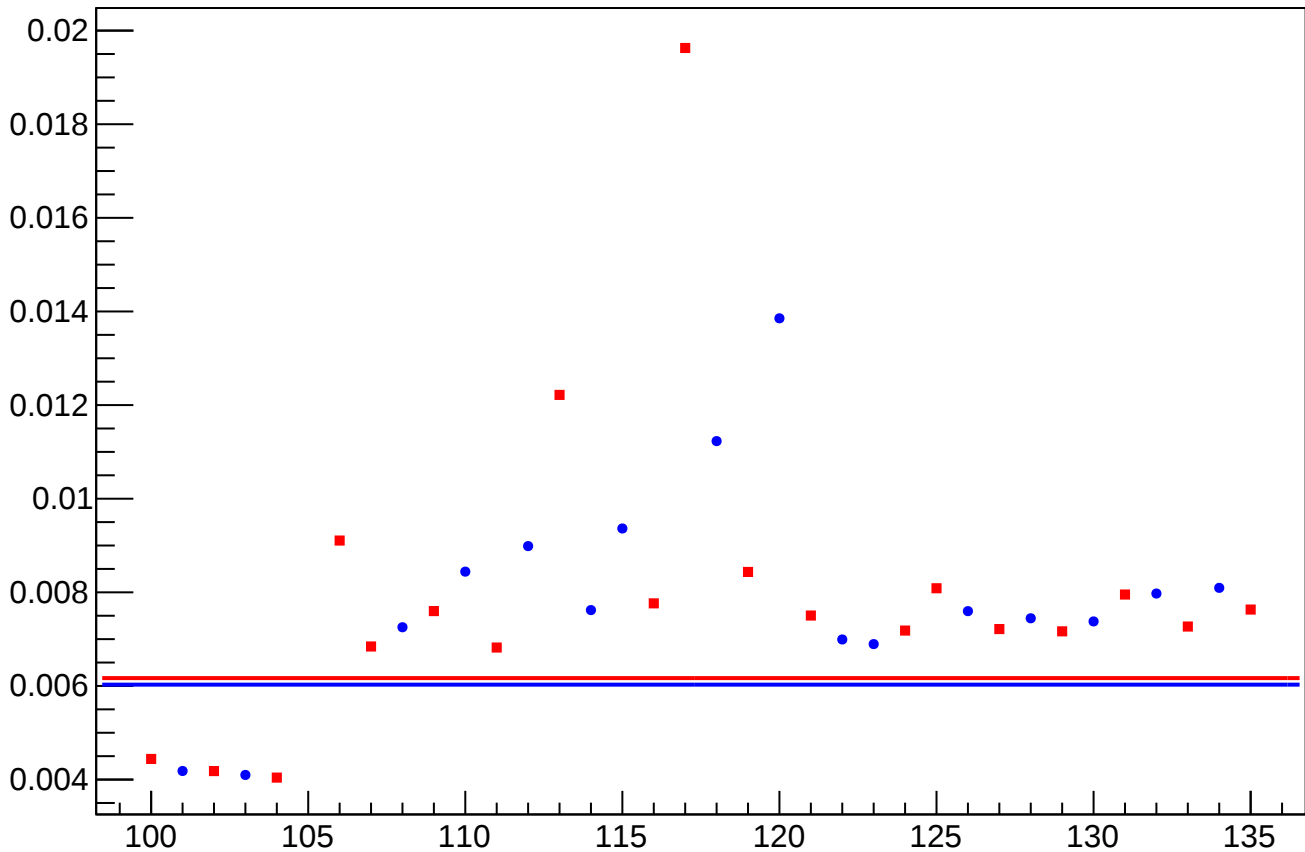
0.872+/-0.000 χ^2/NDF : 29123751092.0/15

Right Out: 0.839+/-0.000 χ^2/NDF : 32743665743.4/18

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

0.839+/-0.000 χ^2/NDF : 32743665743.4/18

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

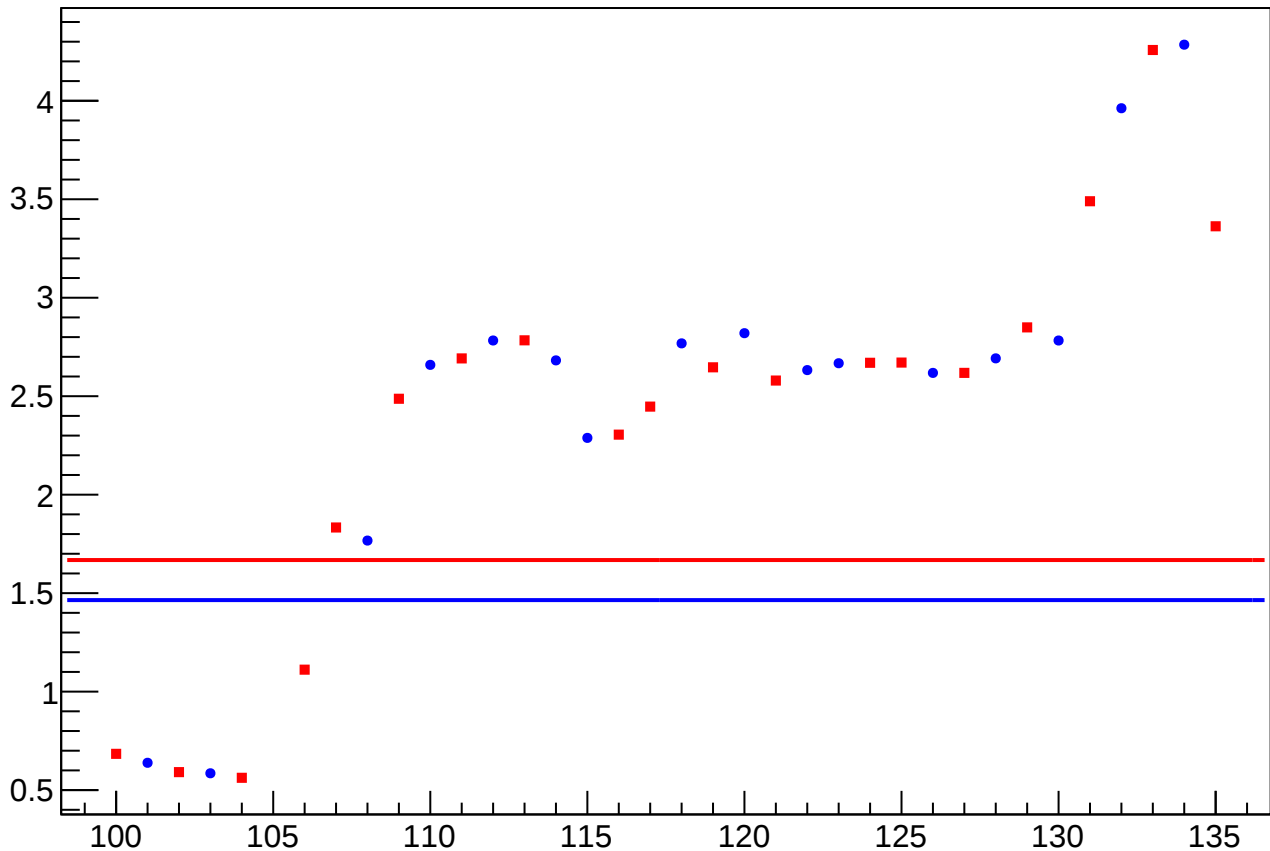
Right Out: 0.006+/-0.000 χ^2/NDF : 1053477.0/18

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

0.006+/-0.000 χ^2/NDF : 1160314.9/15

0.006+/-0.000 χ^2/NDF : 1053477.0/18

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

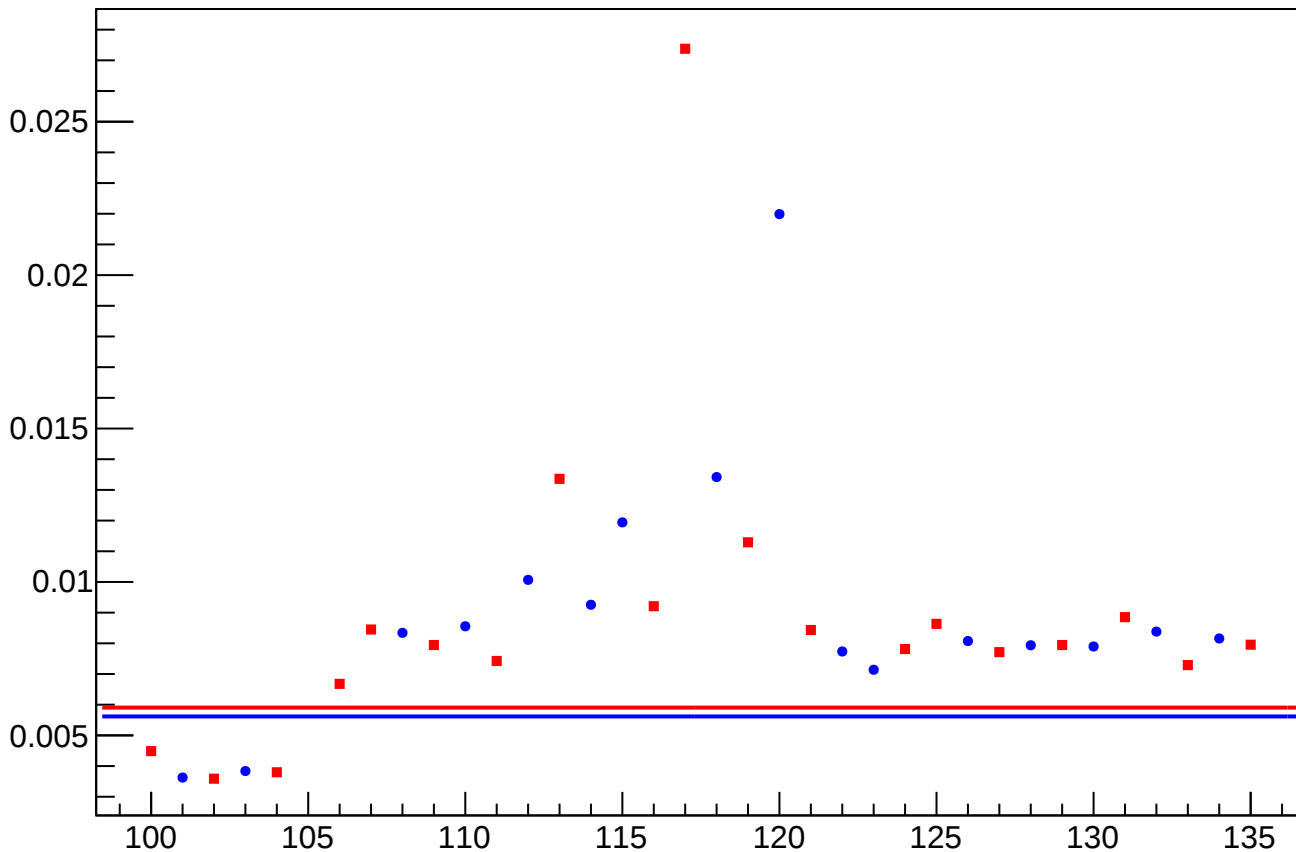
1.465+/-0.000 χ^2/NDF : 167090926732.0/15

Right Out: 1.668+/-0.000 χ^2/NDF : 220341860652.7/18

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

1.668+/-0.000 χ^2/NDF : 220341860652.7/18

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

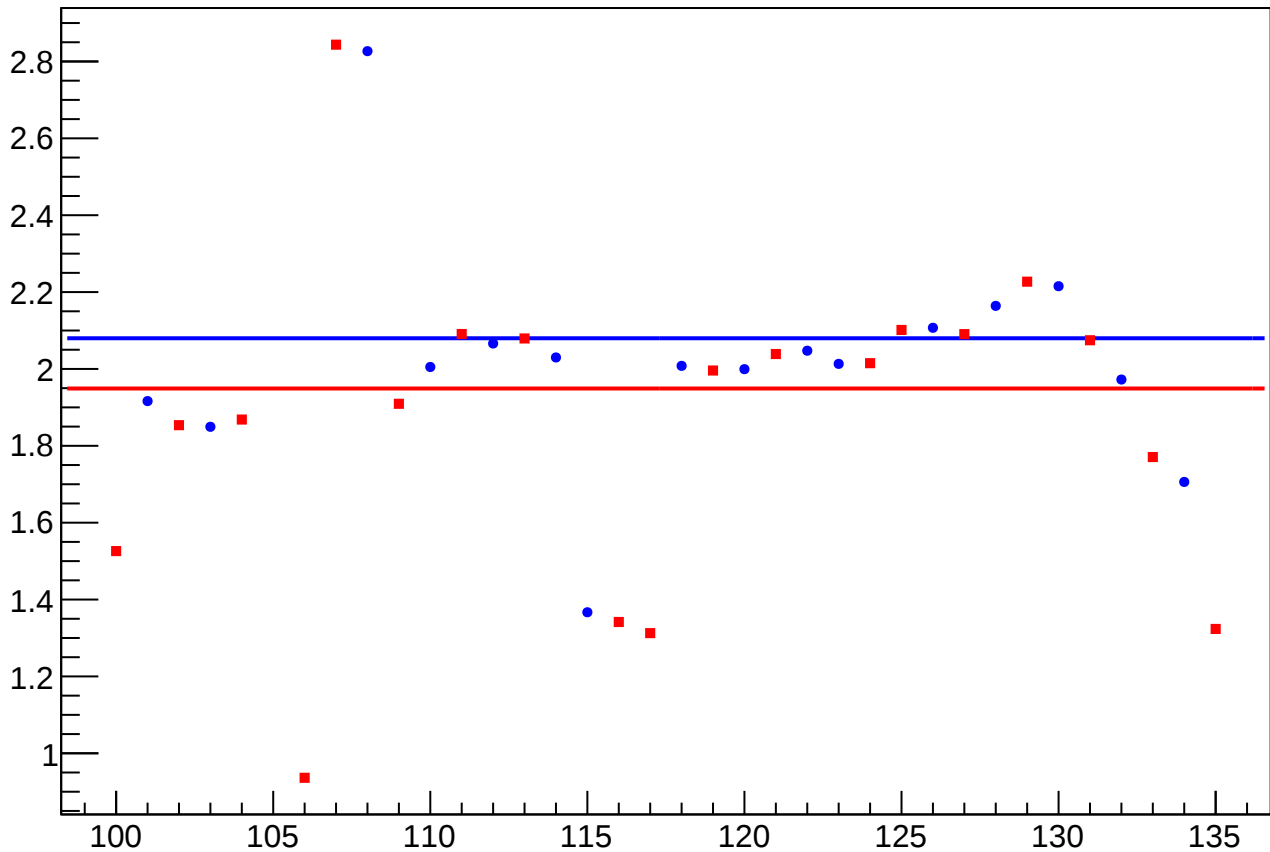
Right Out: 0.006+/-0.000 χ^2/NDF : 1715330.4/18

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 : 1715330.4/18

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

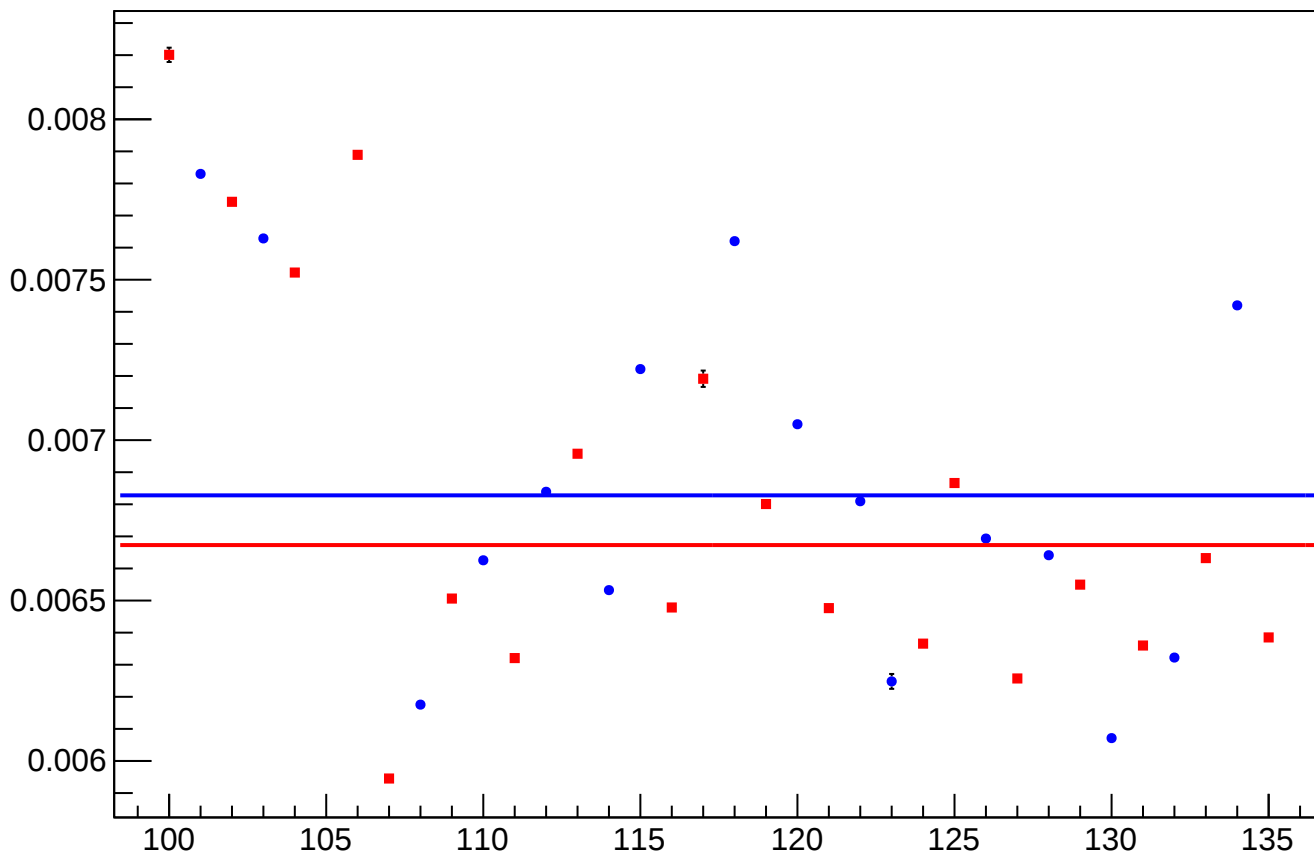
2.080 $\pm$ 0.000 χ^2 /NDF: 8304649141.3/15

Right Out: 1.949 $\pm$ 0.000 χ^2 /NDF: 21263047374.0/18

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

1.949 $\pm$ 0.000 χ^2 /NDF: 21263047374.0/18

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

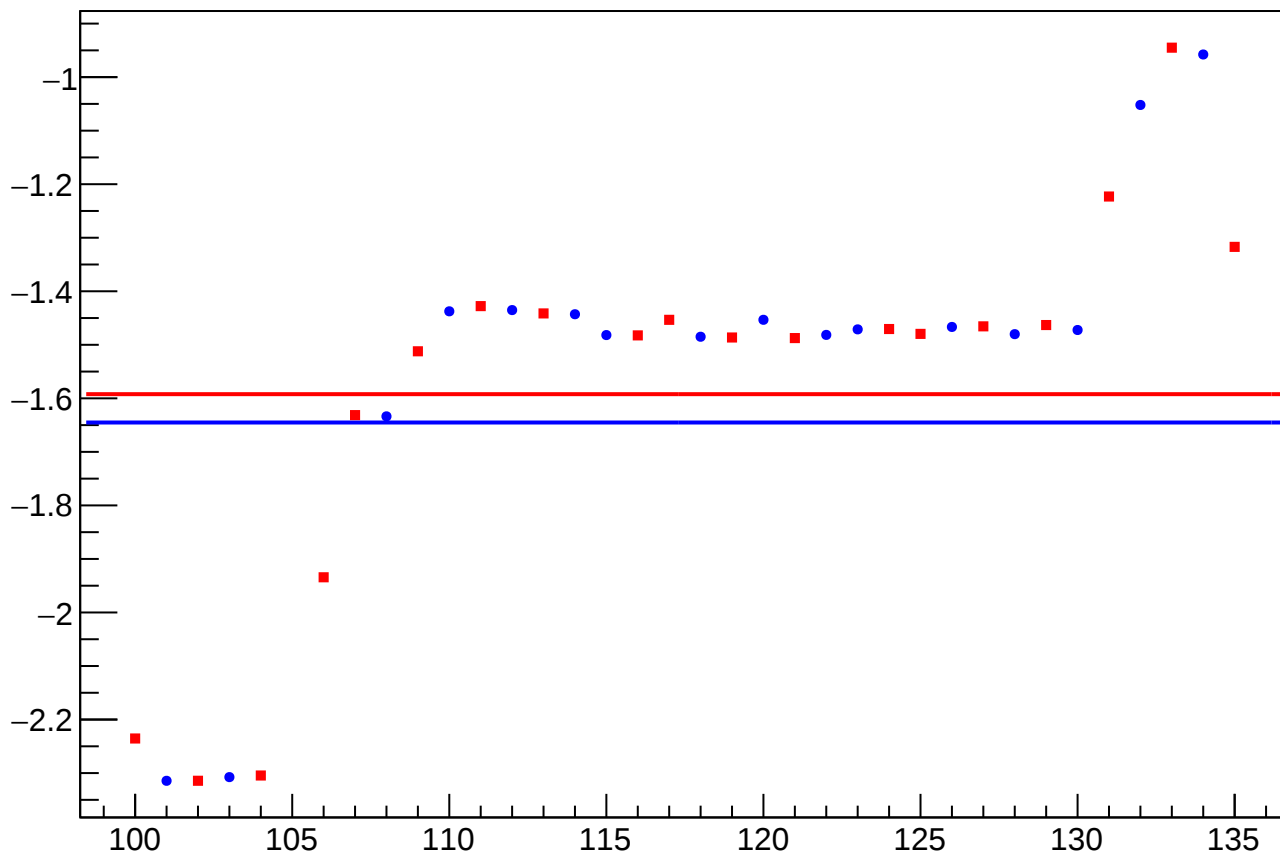
Right Out: 0.007+/-0.000 χ^2/NDF : 75266.2/18

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 : 75266.2/18

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

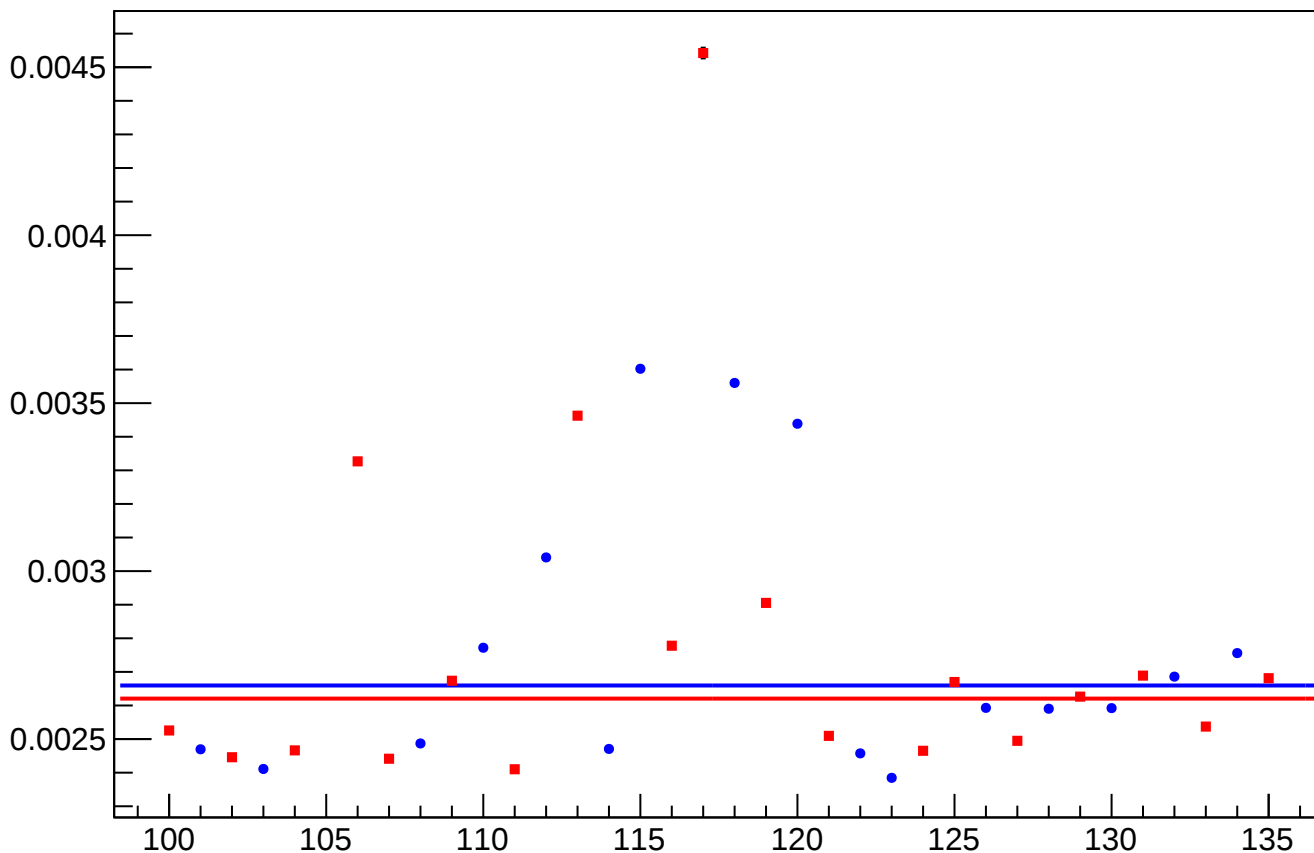
Right Out: -1.592+/-0.000 χ^2/NDF : 141519500105.8/18

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

-1.645+/-0.000 χ^2/NDF : 129739003968.2/15

-1.592+/-0.000 χ^2/NDF : 141519500105.8/18

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

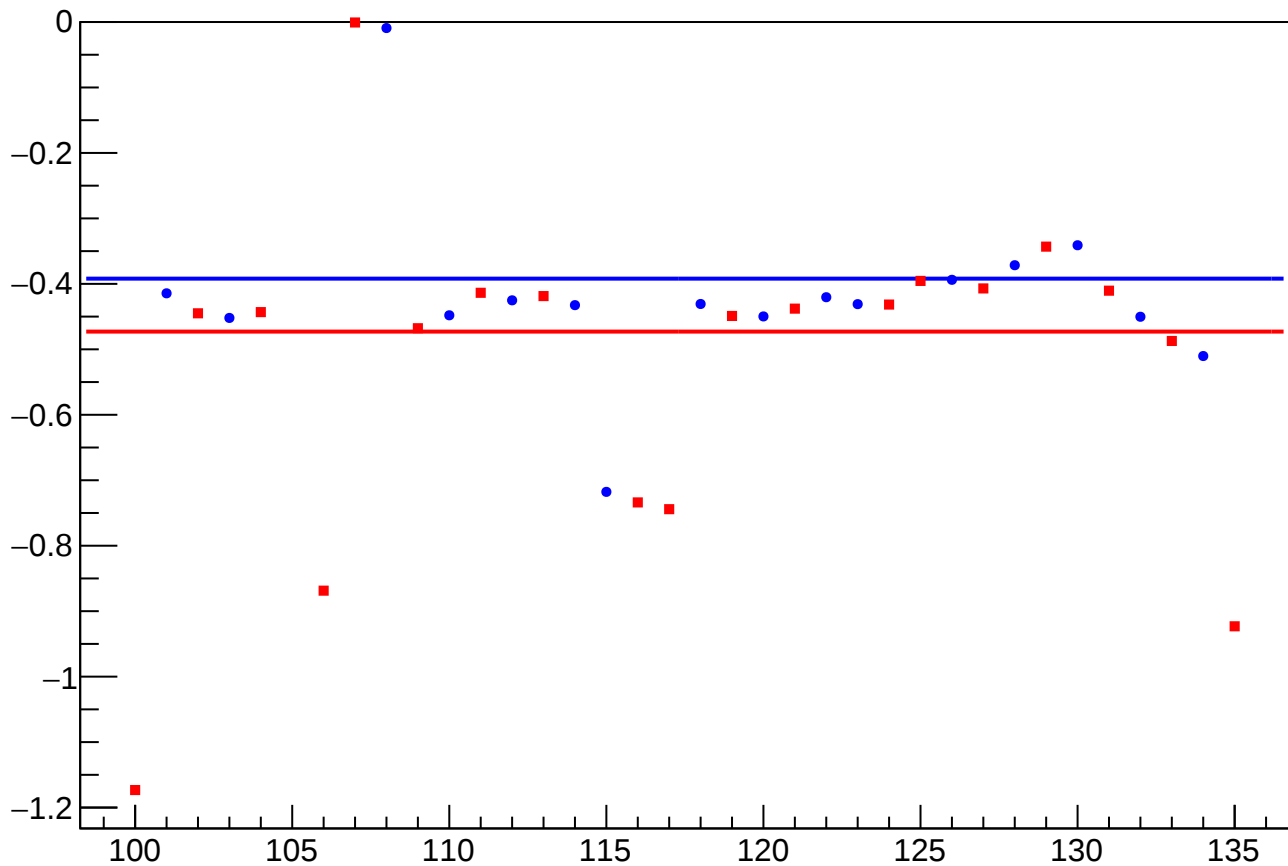
Right Out: 0.003+/-0.000 χ^2/NDF : 118789.5/18

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 : 118789.5/18

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

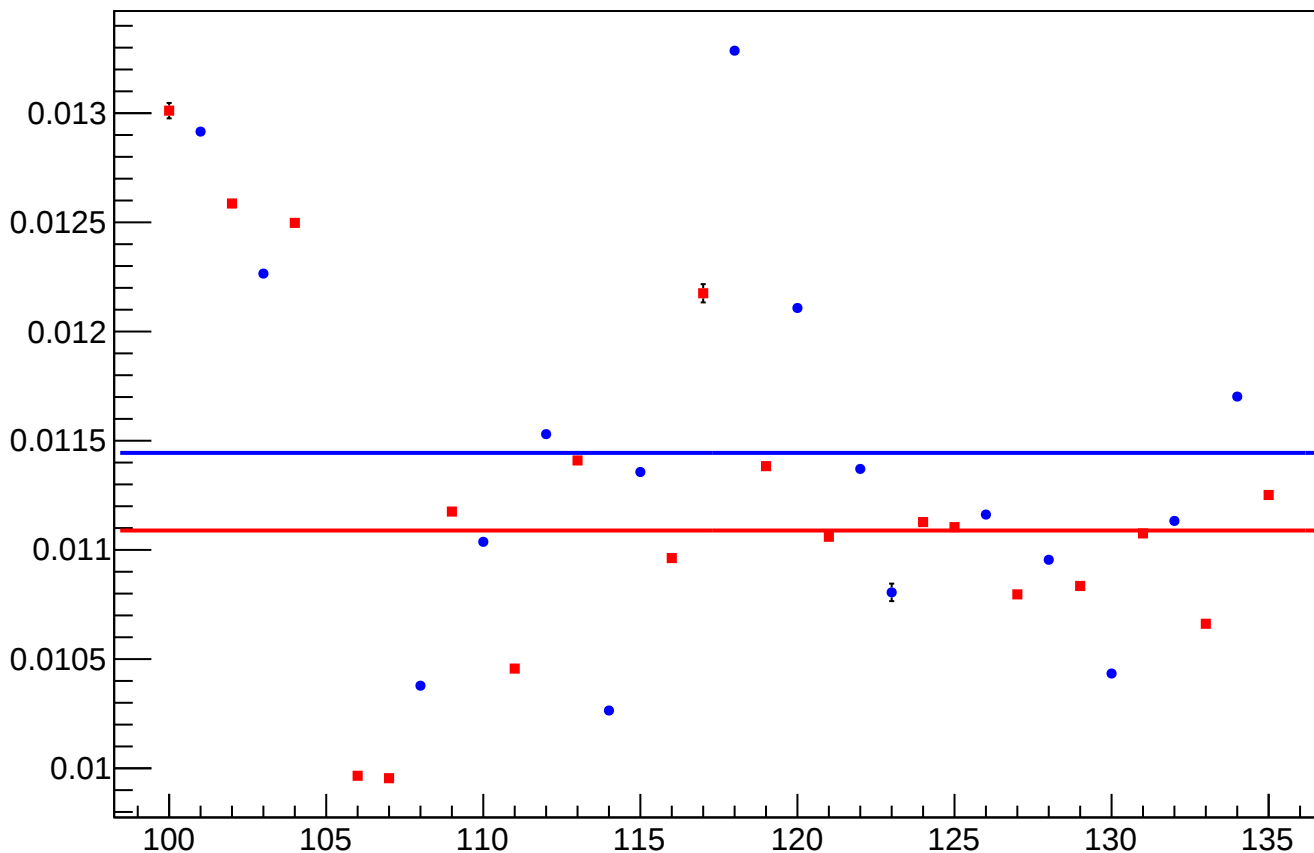
Right Out: -0.473+/-0.000 χ^2/NDF : 2447877183.9/18

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

-0.392+/-0.000 χ^2/NDF : 700389277.2/15

-0.473+/-0.000 χ^2/NDF : 2447877183.9/18

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

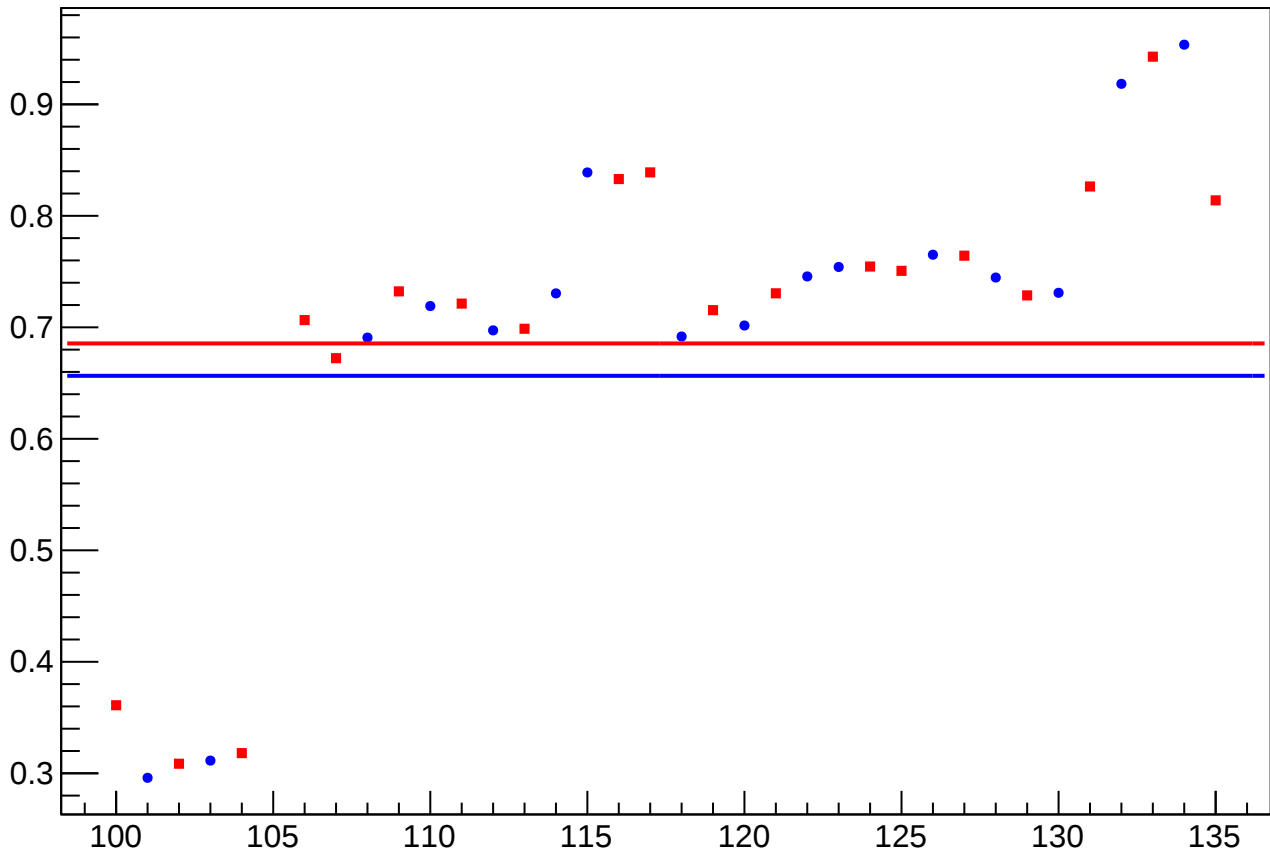
Right Out: 0.011+/-0.000 χ^2/NDF : 54598.6/18

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 : 54598.6/18

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

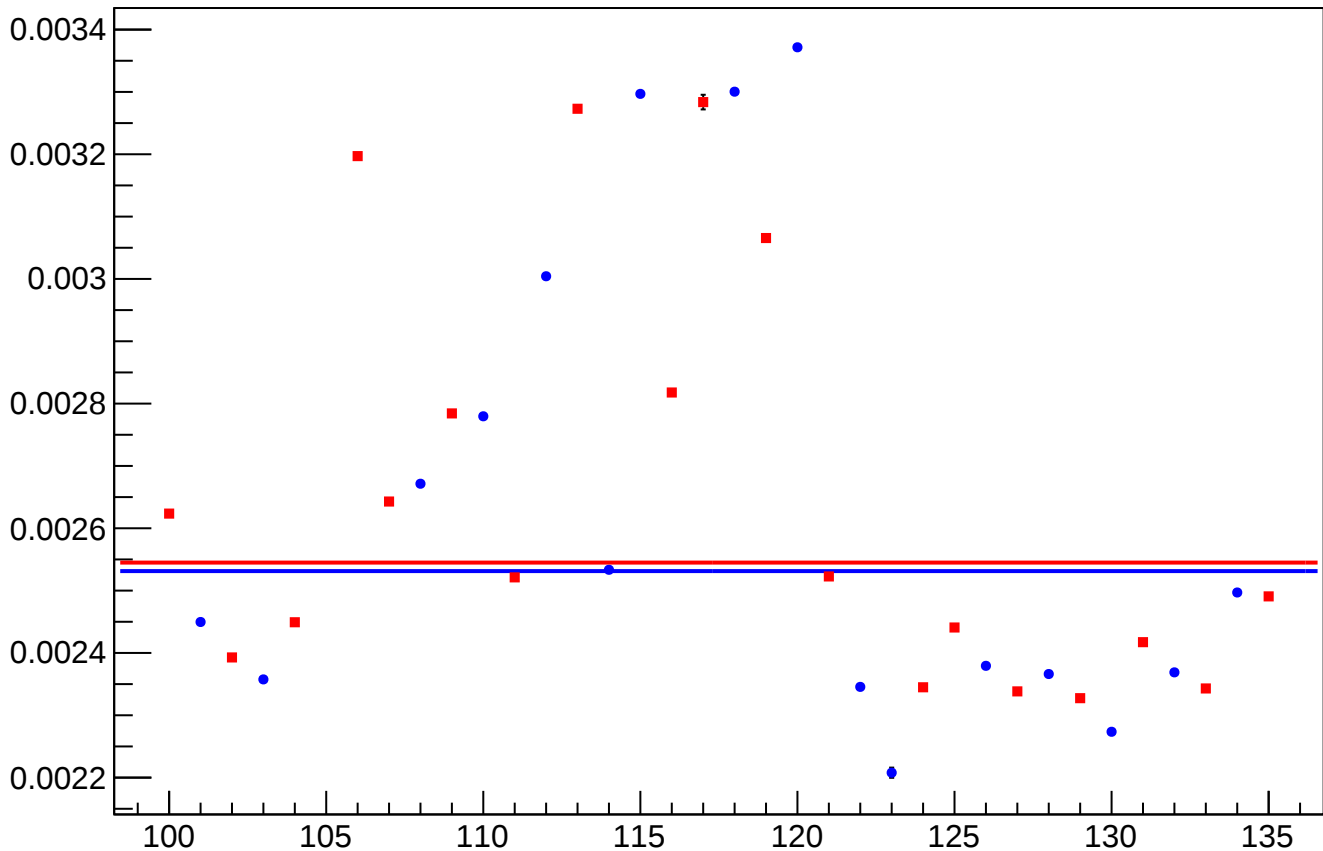
0.657+/-0.000 χ^2/NDF : 35625532376.0/15

Right Out: 0.686+/-0.000 χ^2/NDF : 34934045476.8/18

0.686+/-0.000 χ^2/NDF : 34934045476.8/18

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

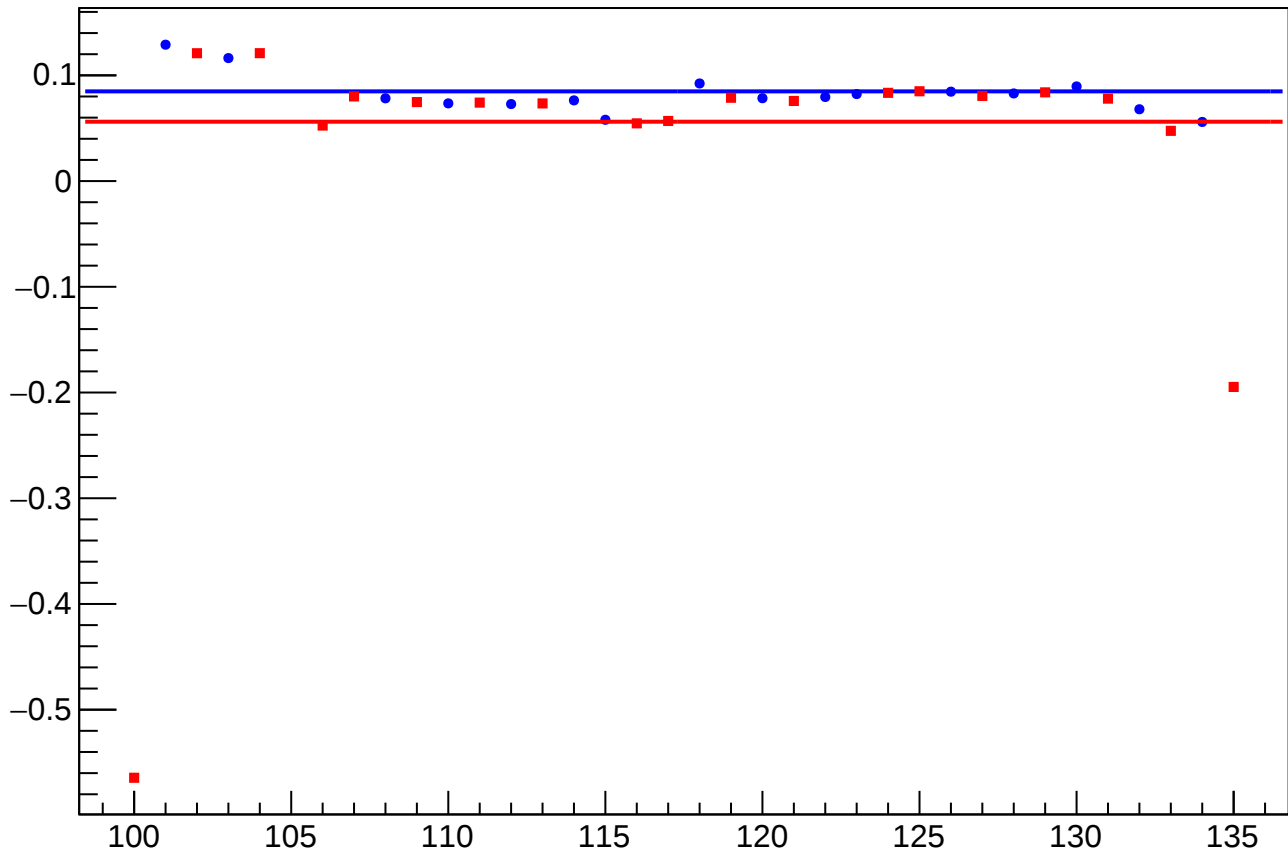
Right Out: 0.003+/-0.000 χ^2/NDF : 131932.9/18

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 : 131932.9/18

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

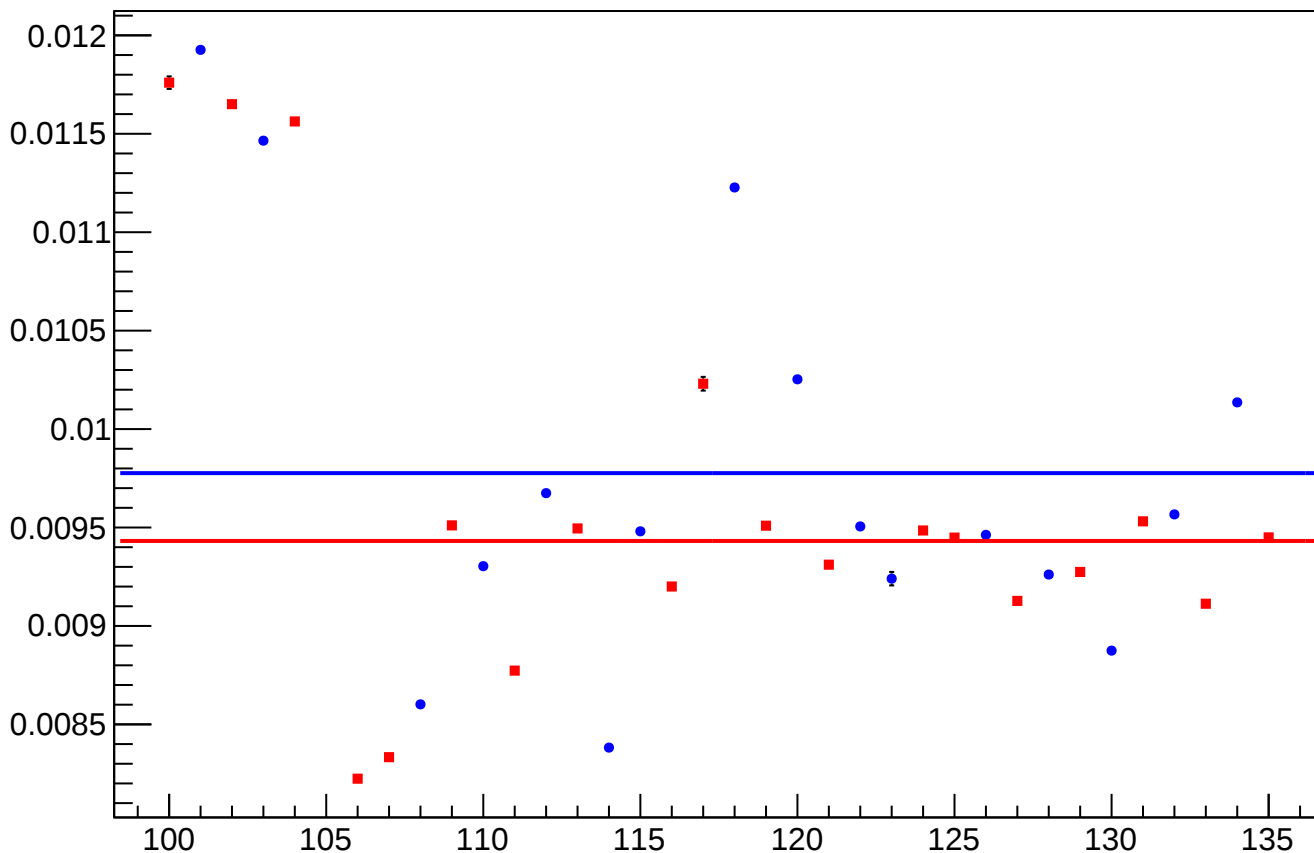
Right Out: 0.056+/-0.000 χ^2/NDF : 557295647.2/18

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

0.085+/-0.000 χ^2/NDF : 17988006.6/15

0.056+/-0.000 χ^2/NDF : 557295647.2/18

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

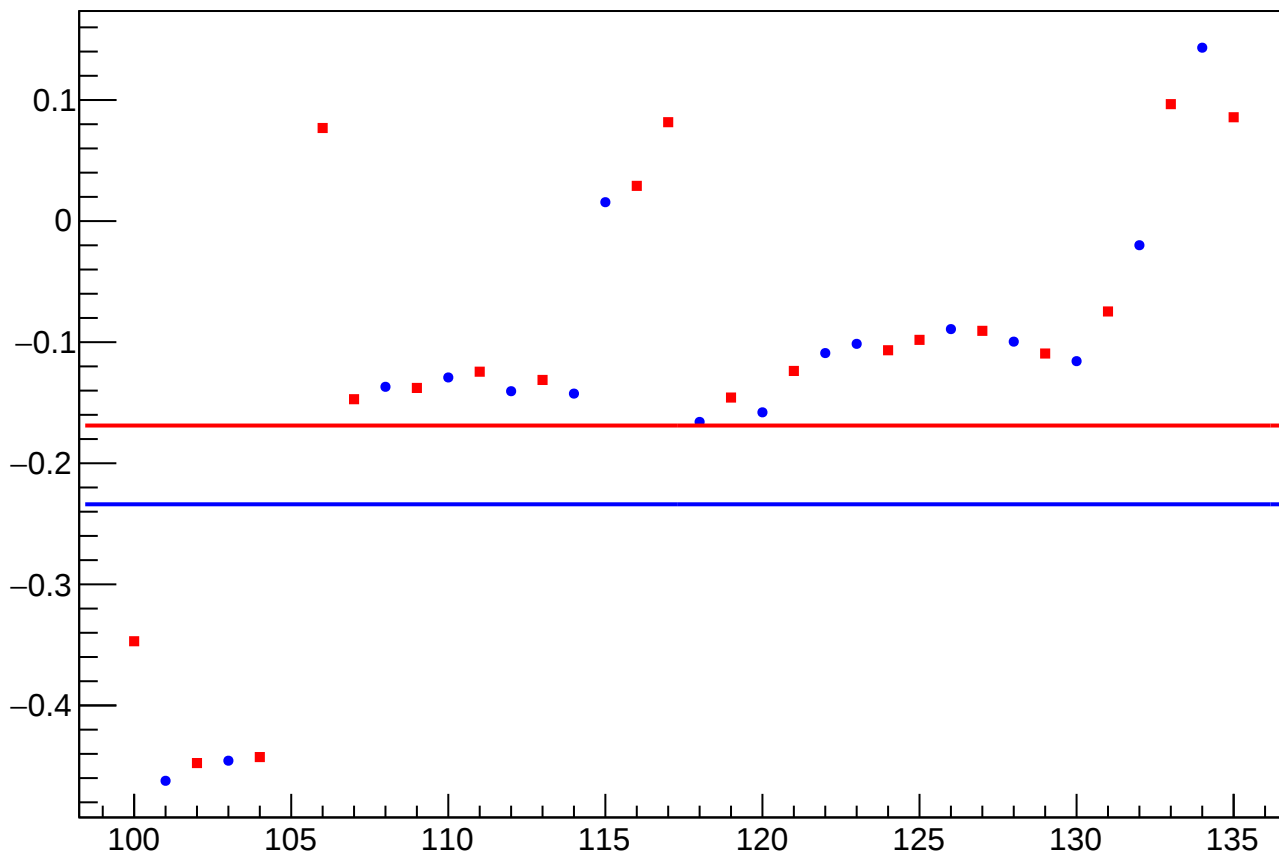
Right Out: 0.009+/-0.000 χ^2/NDF : 109448.9/18

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 : 109448.9/18

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

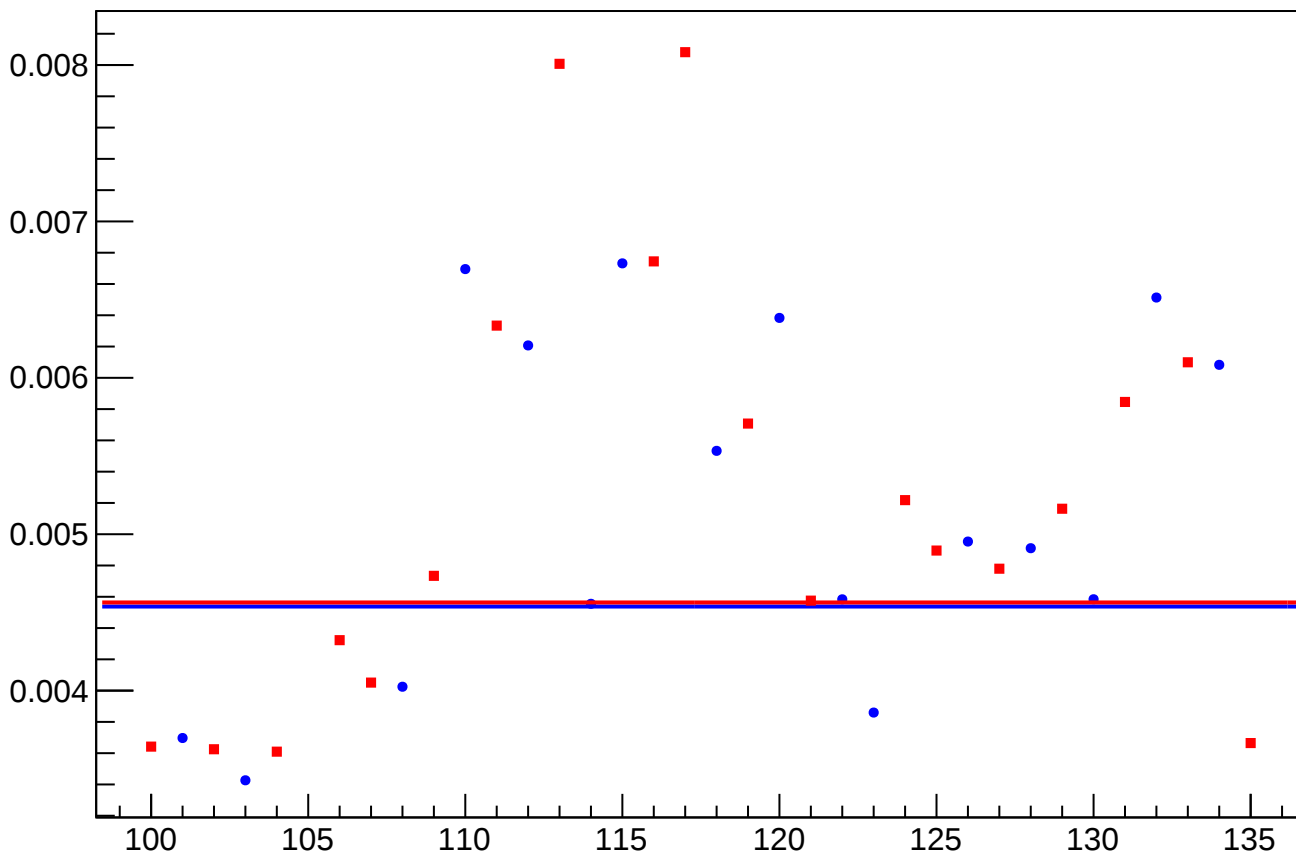
Right Out: -0.169+/-0.000 χ^2/NDF : 10151225360.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.234+/-0.000 χ^2/NDF : 7224930029.0/15

-0.169+/-0.000 χ^2/NDF : 10151225360.9/18

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

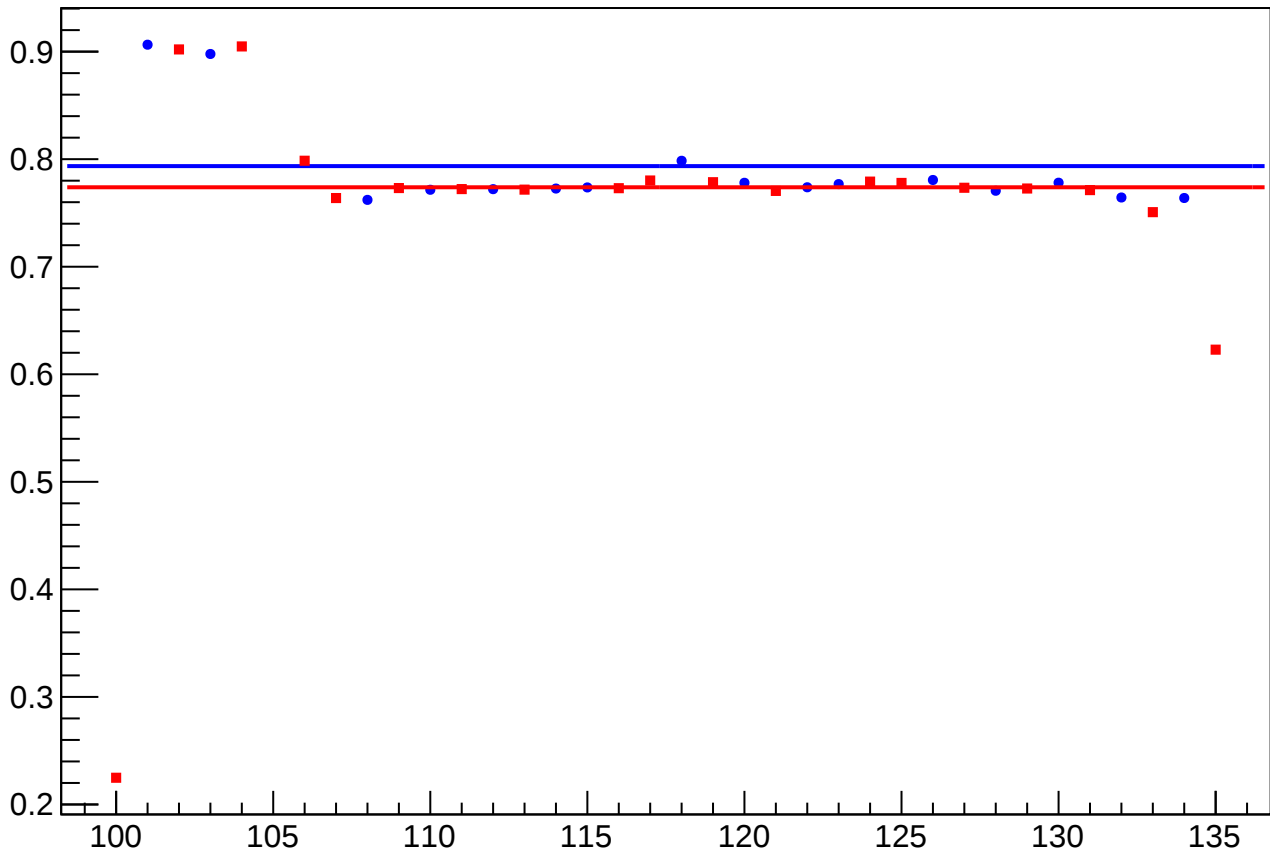
Right Out: 0.005+/-0.000 χ^2/NDF : 624682.5/18

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 : 624682.5/18

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

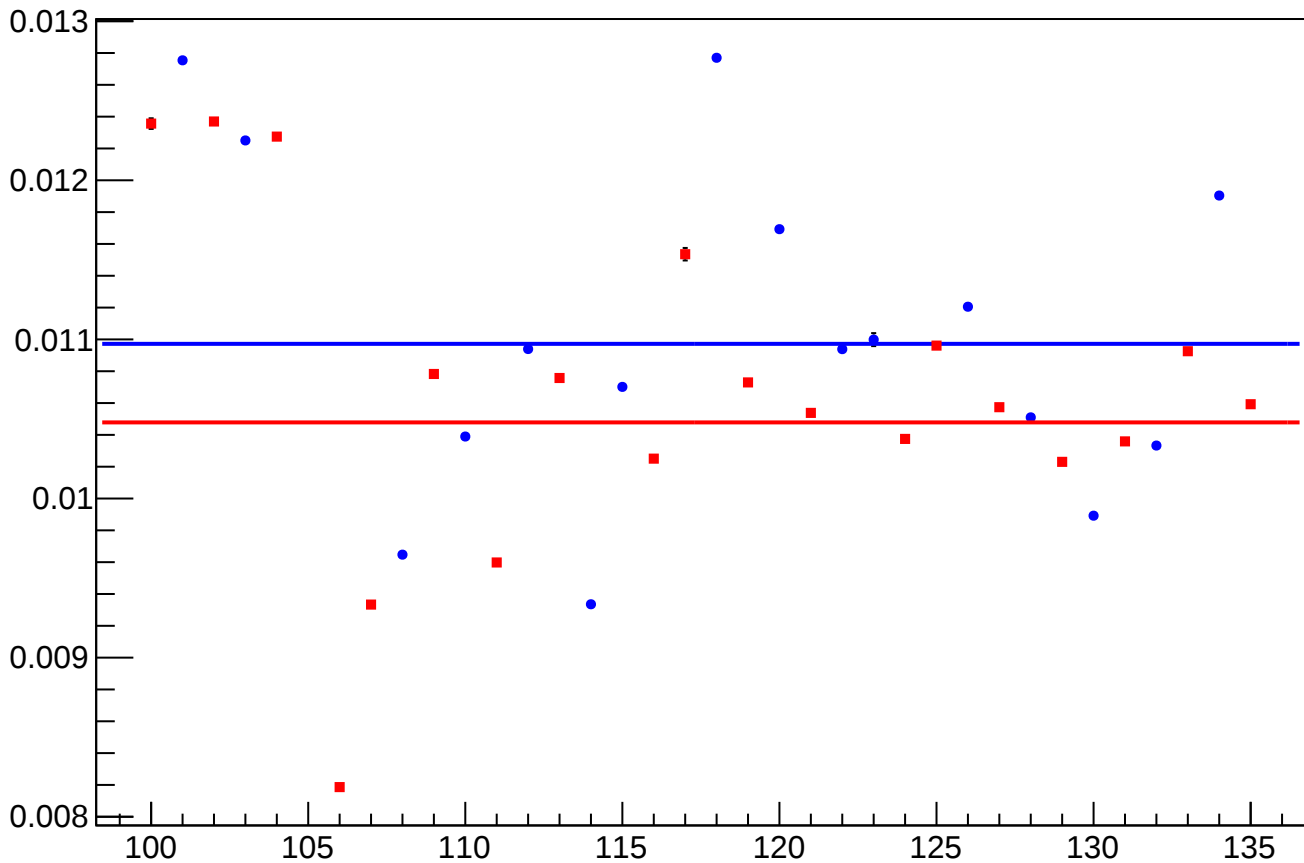
0.794+/-0.000 χ^2/NDF : 103704053.6/15

Right Out: 0.774+/-0.000 χ^2/NDF : 340379614.2/18

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

0.774+/-0.000 χ^2/NDF : 340379614.2/18

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

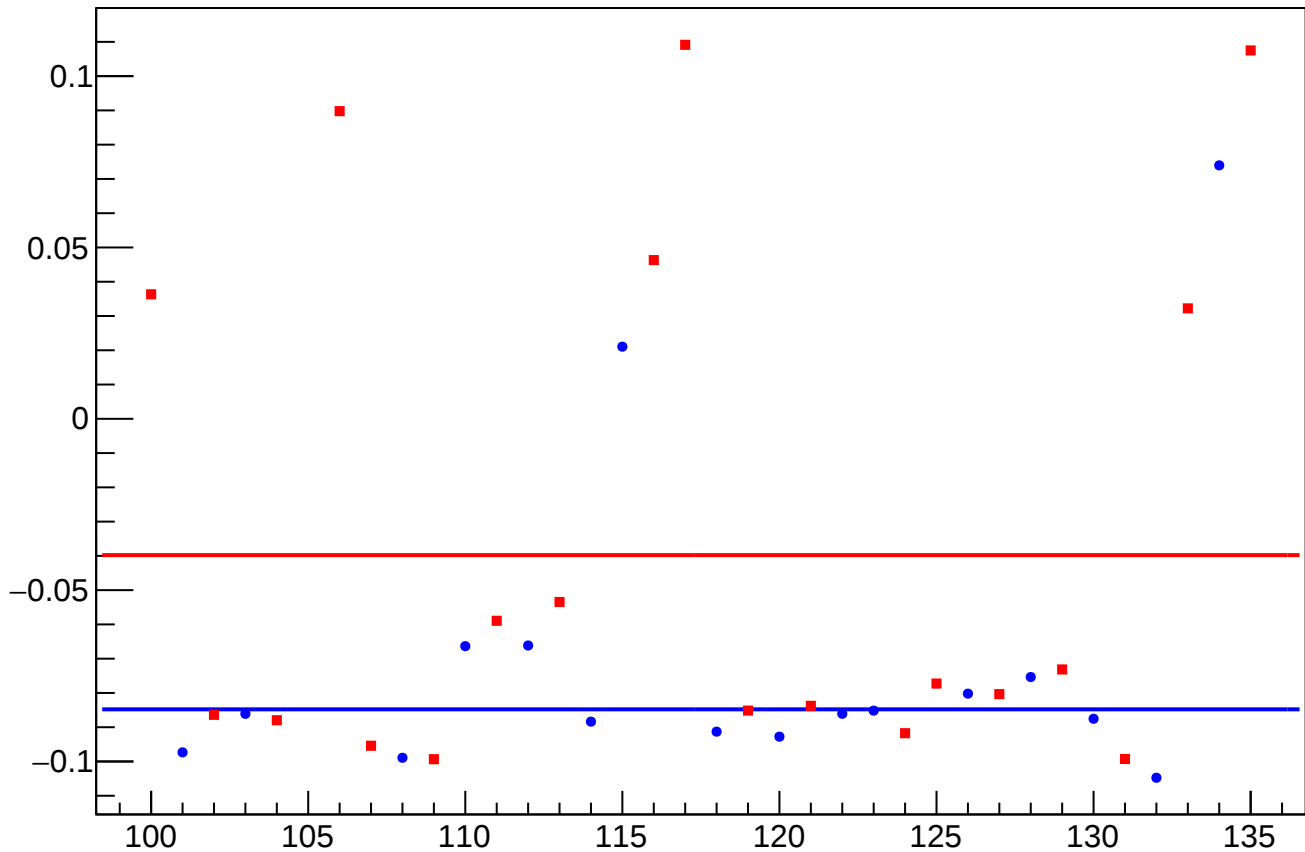
Right Out: 0.010+/-0.000 χ^2/NDF : 118395.1/18

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 : 118395.1/18

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

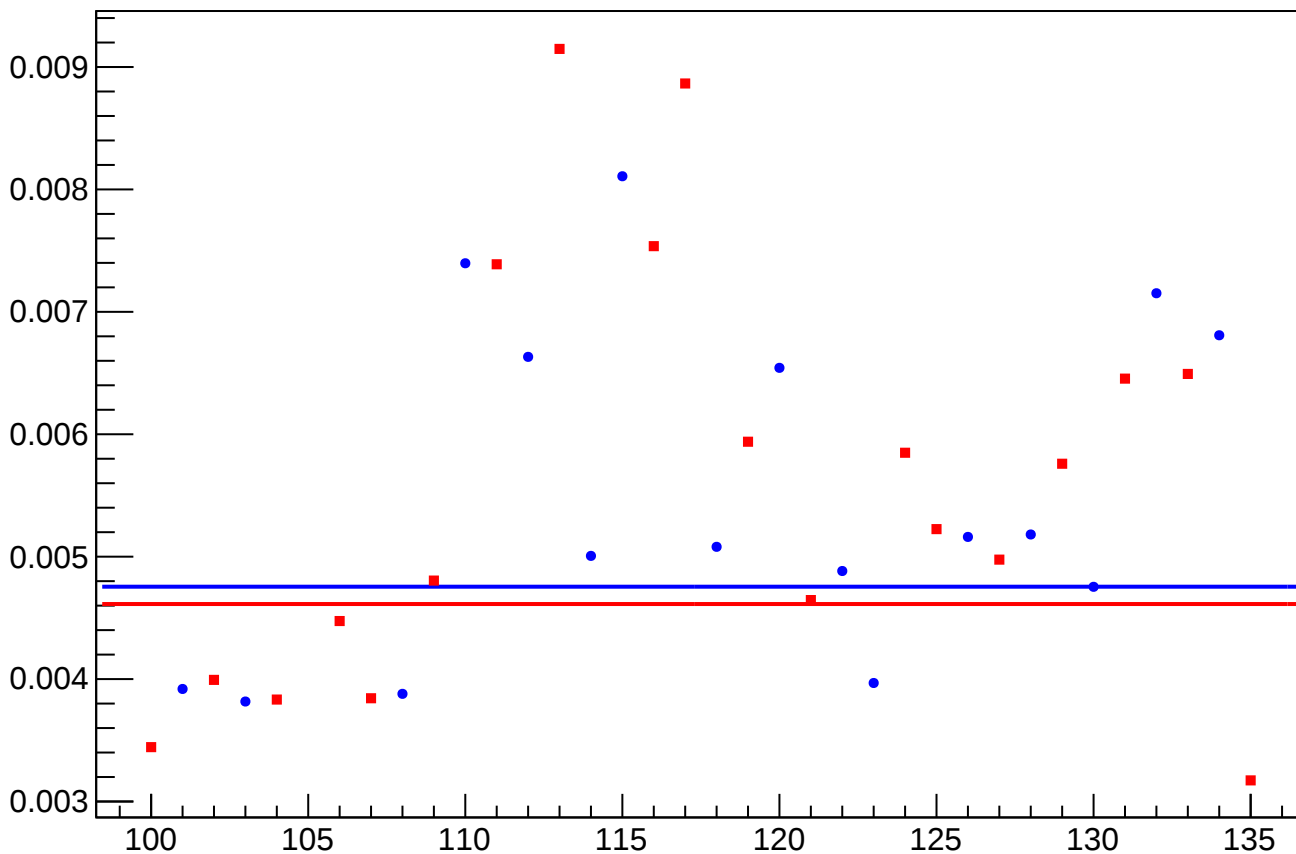
-0.085+/-0.000 χ^2/NDF : 125215161.1/15

Right Out: -0.040+/-0.000 χ^2/NDF : 1670013623.8/18

-0.040+/-0.000 χ^2/NDF : 1670013623.8/18

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

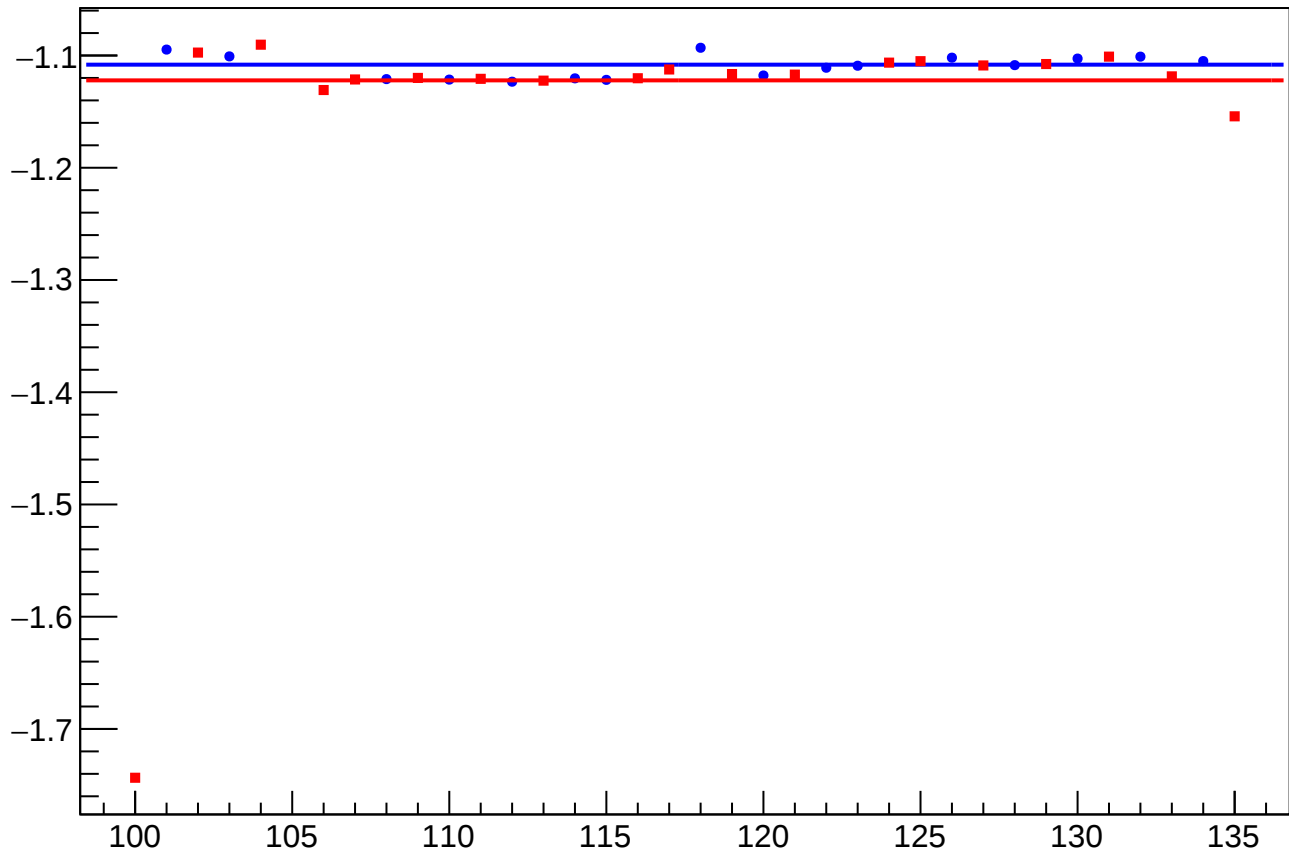
Right Out: 0.005+/-0.000 χ^2/NDF : 886639.2/18

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 : 886639.2/18

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

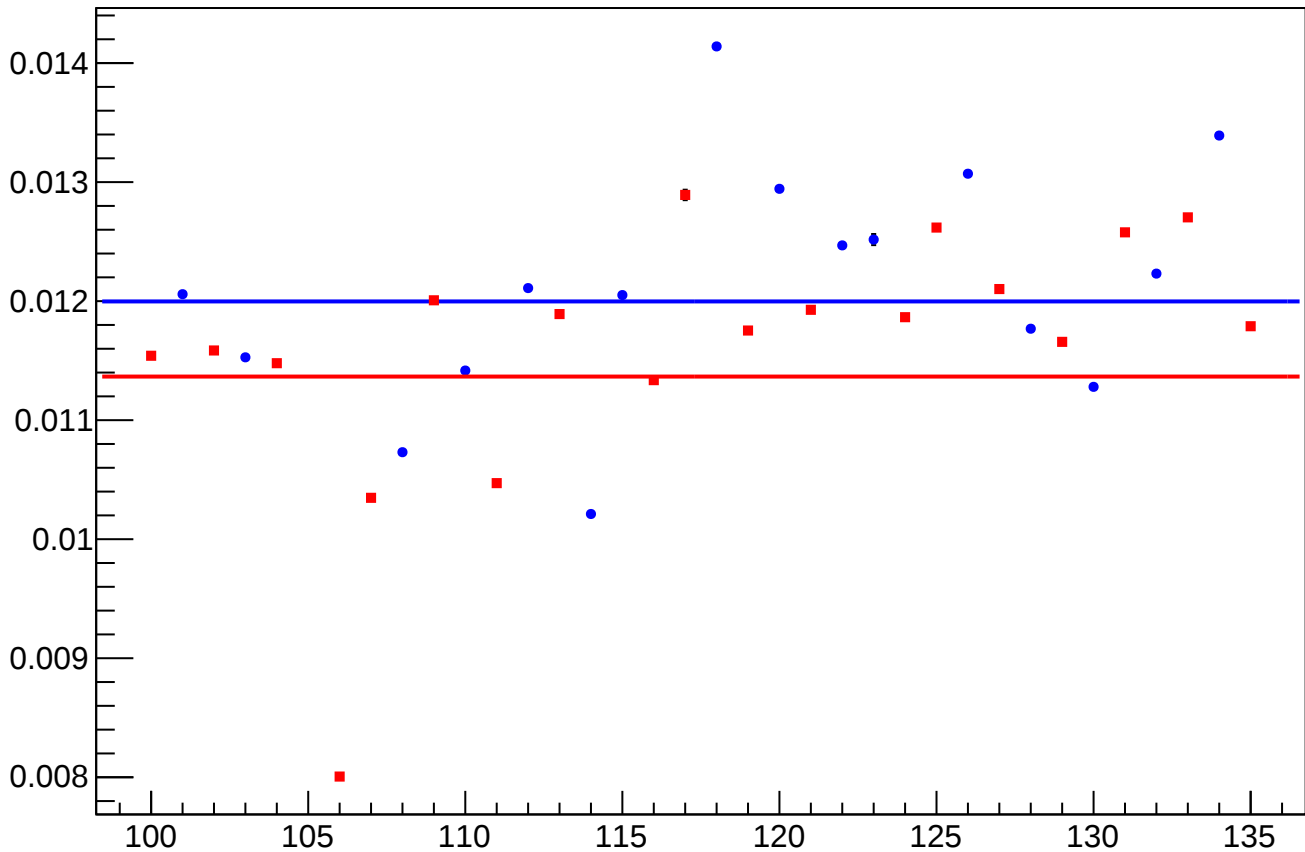
Right Out: -1.122+/-0.000 χ^2/NDF : 211640105.1/18

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

-1.108+/-0.000 χ^2/NDF : 4035639.9/15

-1.122+/-0.000 χ^2/NDF : 211640105.1/18

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 60335.8/15

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

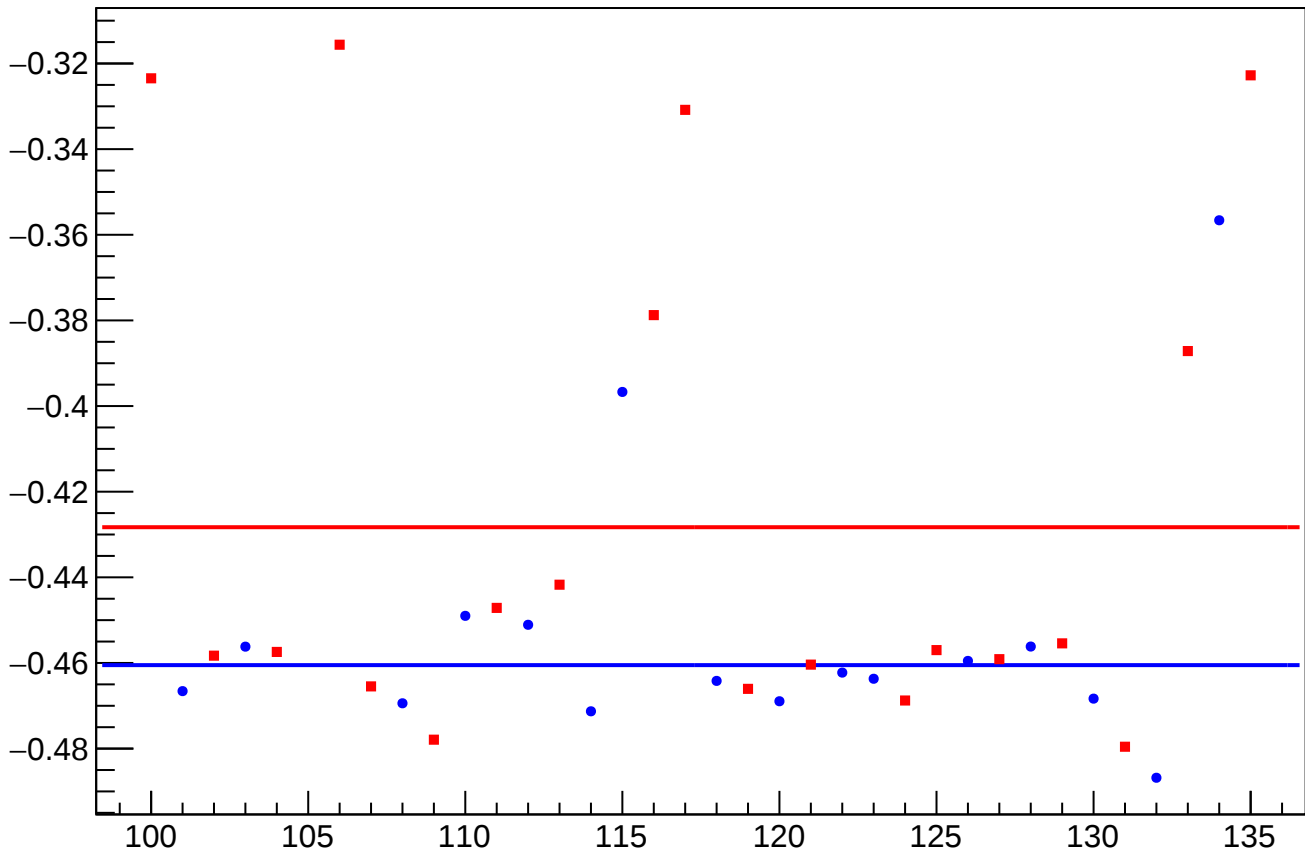
Right Out: 0.011+/-0.000 χ^2/NDF : 153283.3/18

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

0.012+/-0.000 χ^2/NDF : 60335.8/15

0.011+/-0.000 χ^2/NDF : 153283.3/18

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

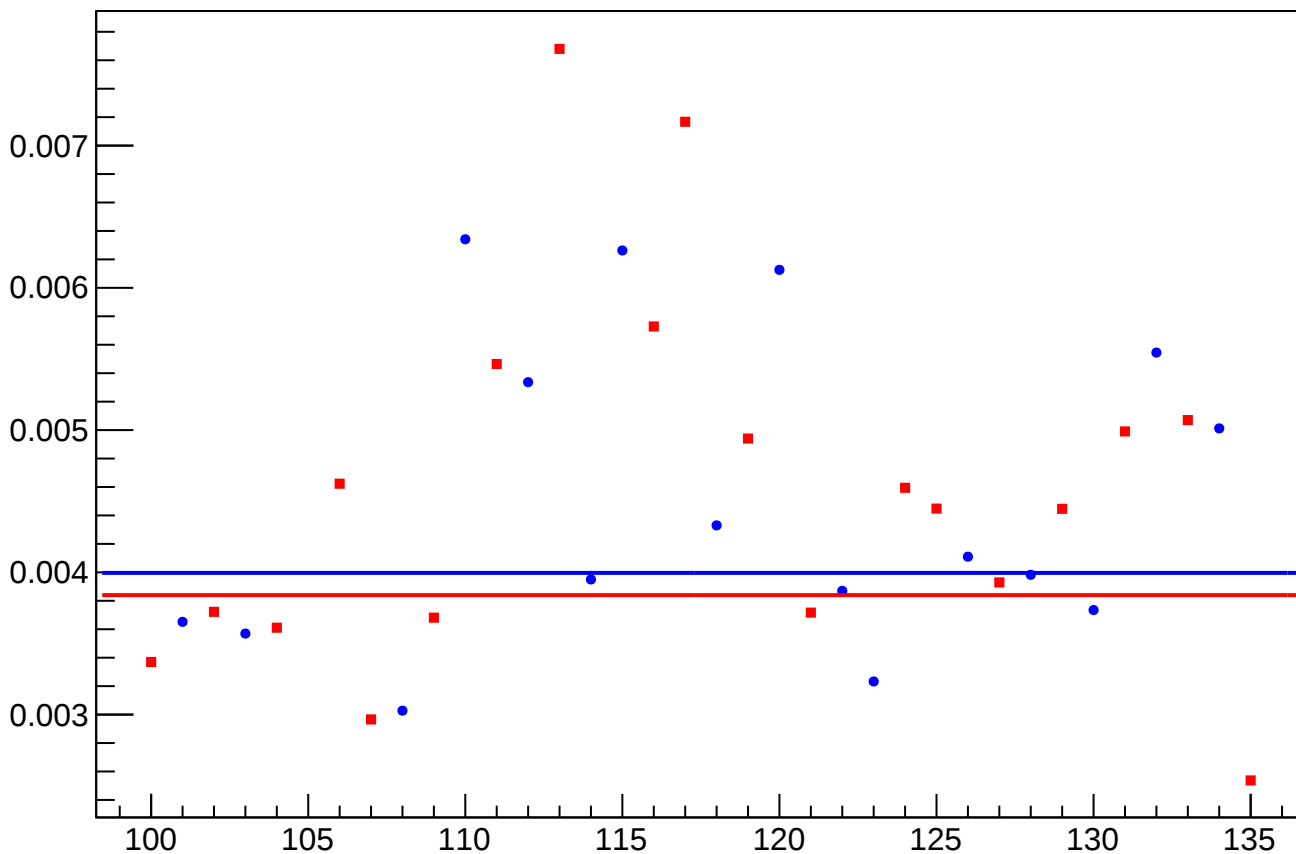
-0.461+/-0.000 χ^2/NDF : 95251809.3/15

Right Out: -0.428+/-0.000 χ^2/NDF : 1337567847.1/18

-0.428+/-0.000 χ^2/NDF : 1337567847.1/18

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

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

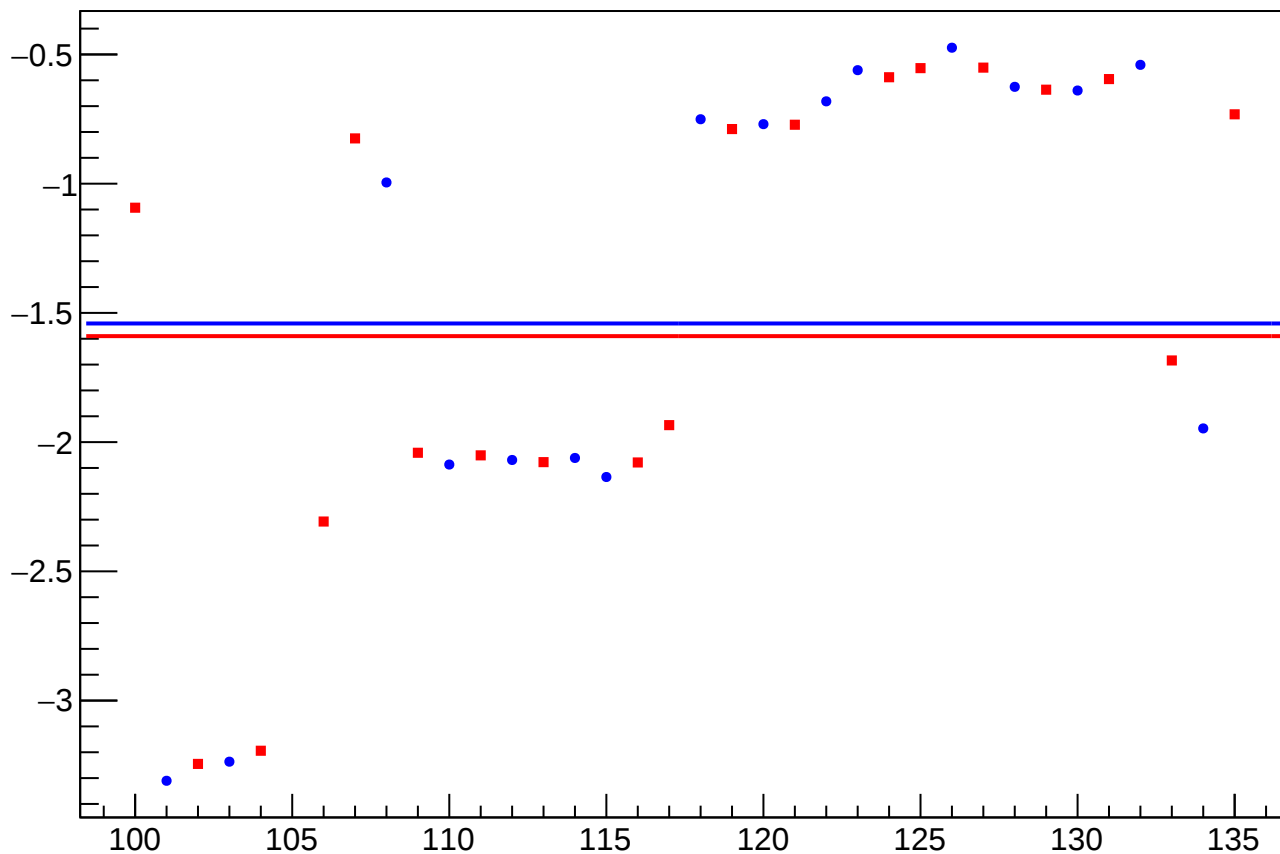
Right Out: 0.004+/-0.000 χ^2/NDF : 793359.3/18

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 : 793359.3/18

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

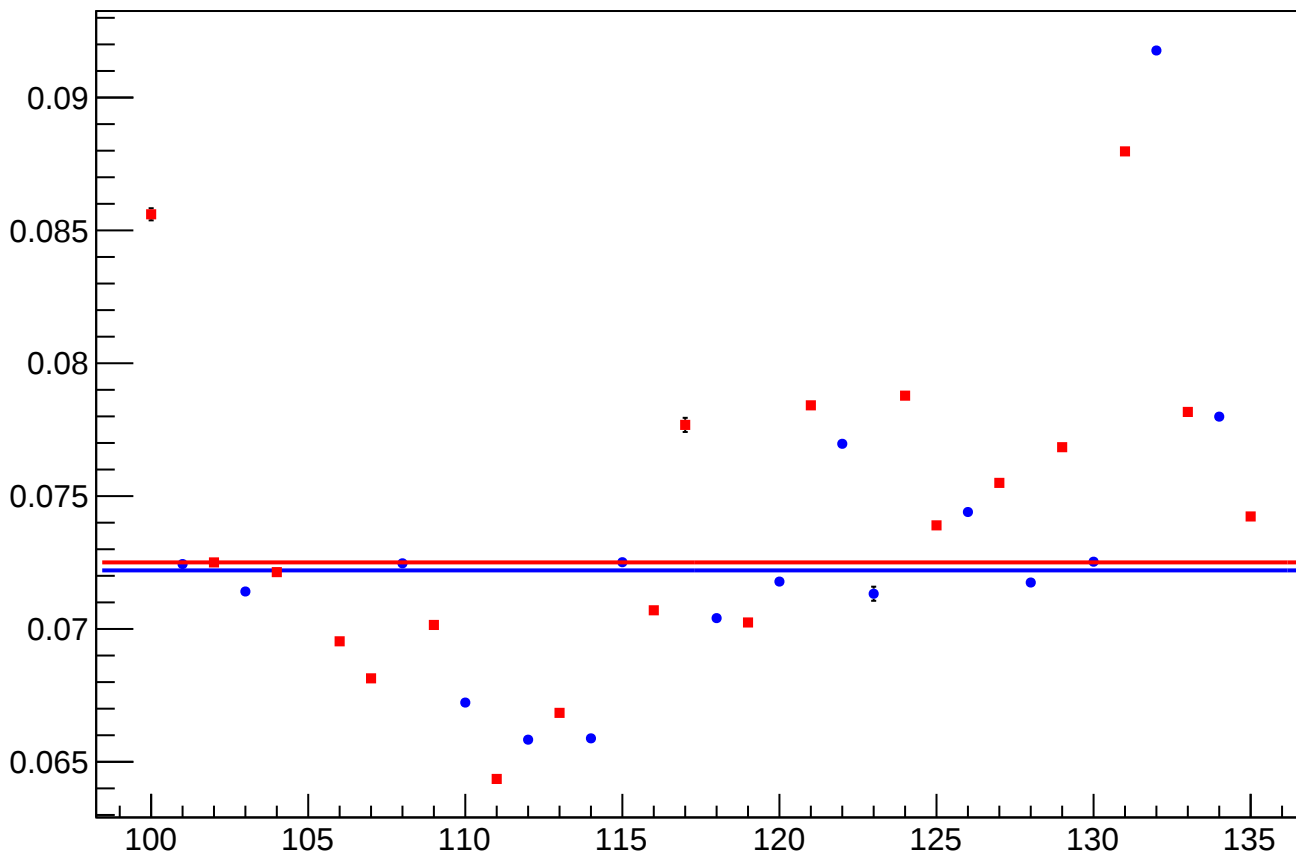
Right Out: -1.590 ± 0.000 χ^2/NDF : 1123053810.7/18

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

-1.541 ± 0.000 χ^2/NDF : 1201121012.0/15

-1.590 ± 0.000 χ^2/NDF : 1123053810.7/18

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

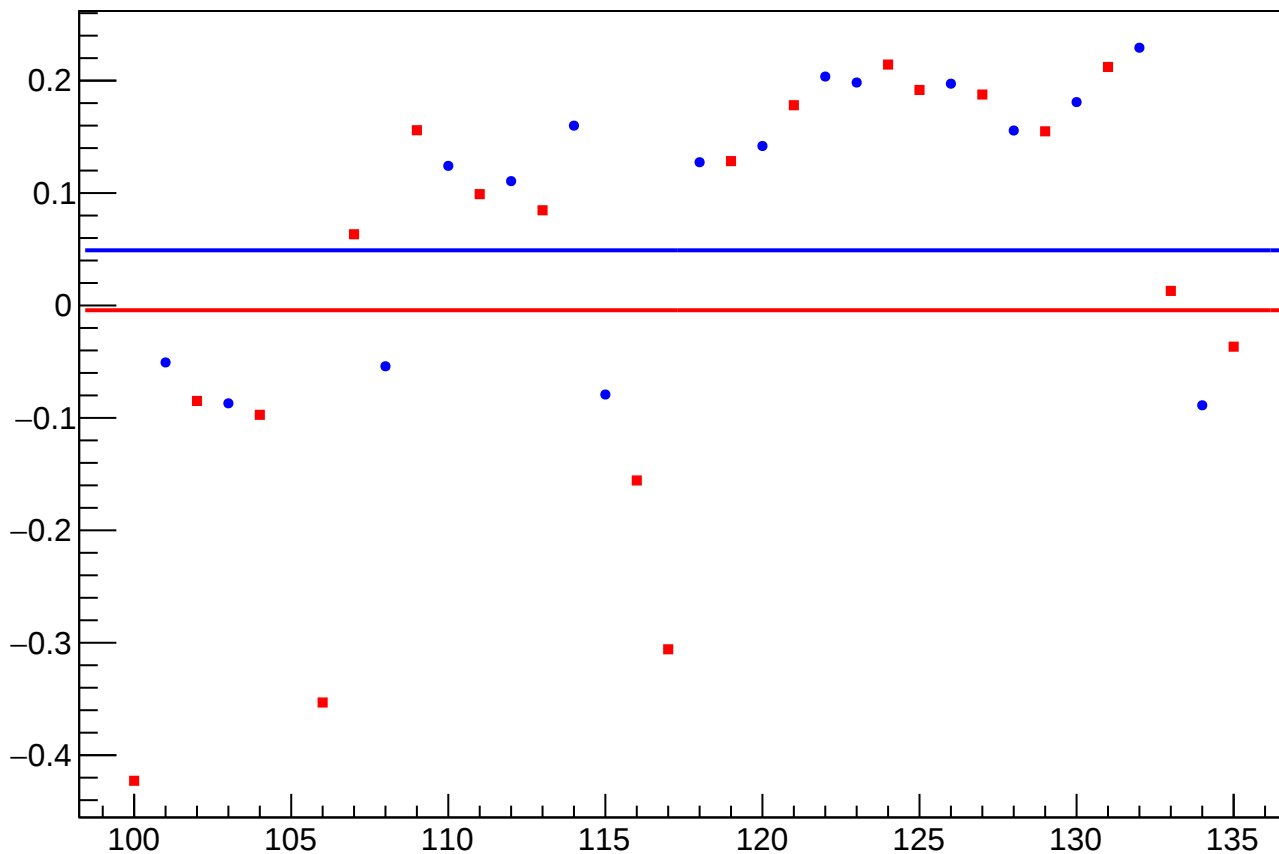
Right Out: 0.073+/-0.000 χ^2/NDF : 67580.8/18

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

0.072+/-0.000 χ^2/NDF : 55556.5/15

0.073+/-0.000 χ^2/NDF : 67580.8/18

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

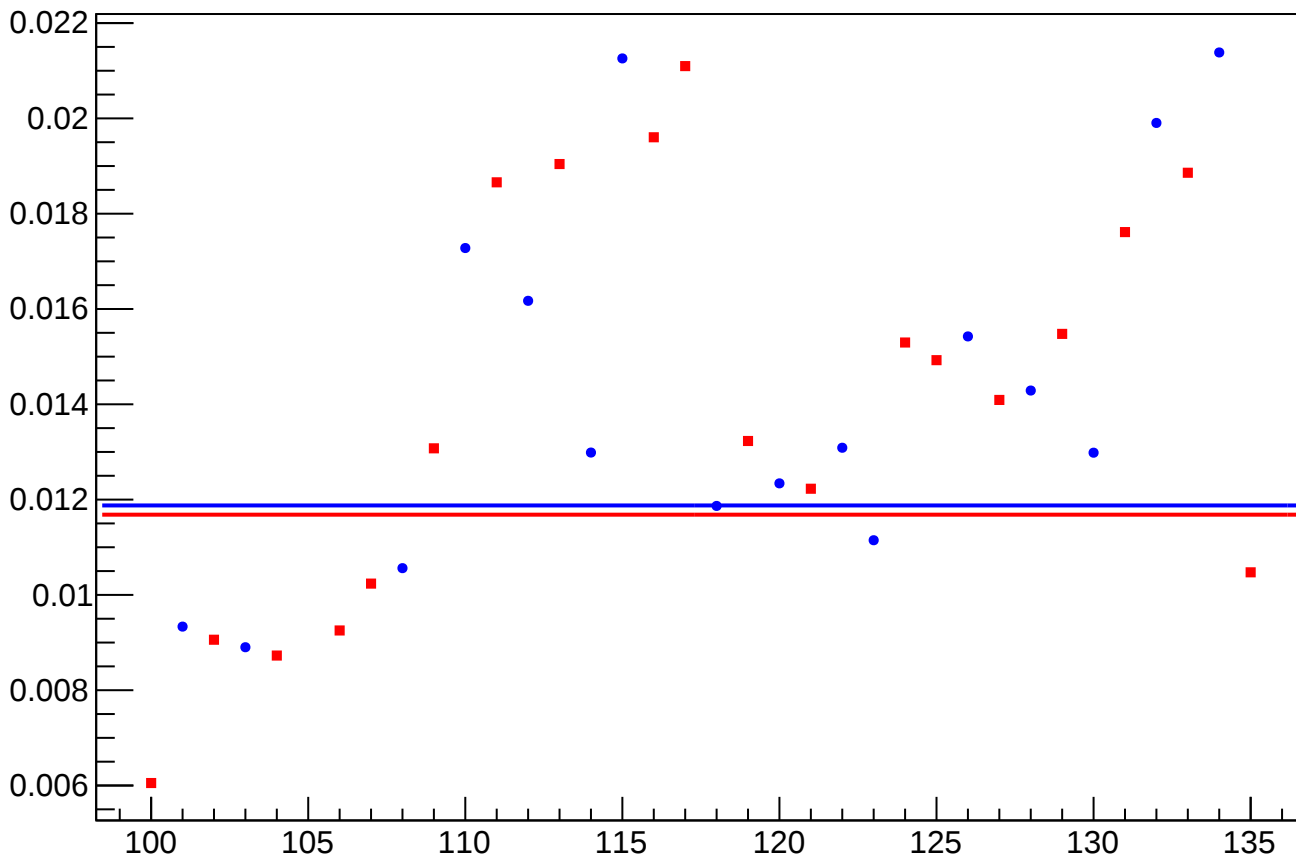
Right Out: -0.004+/-0.000 χ^2/NDF : 1199338884.4/18

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

0.049+/-0.000 χ^2/NDF : 478713395.2/15

-0.004+/-0.000 χ^2/NDF : 1199338884.4/18

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

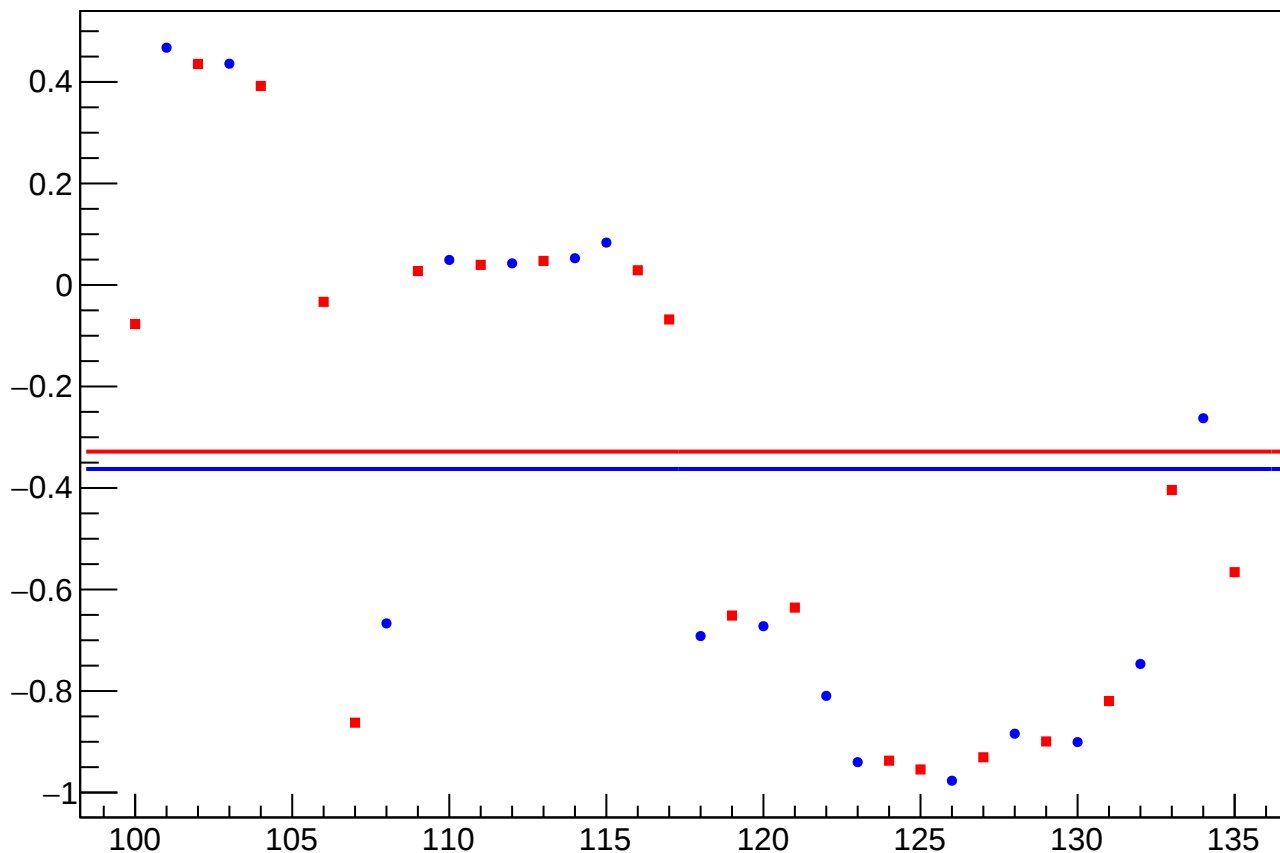
Right Out: 0.012+/-0.000 χ^2/NDF : 997490.9/18

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 : 997490.9/18

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

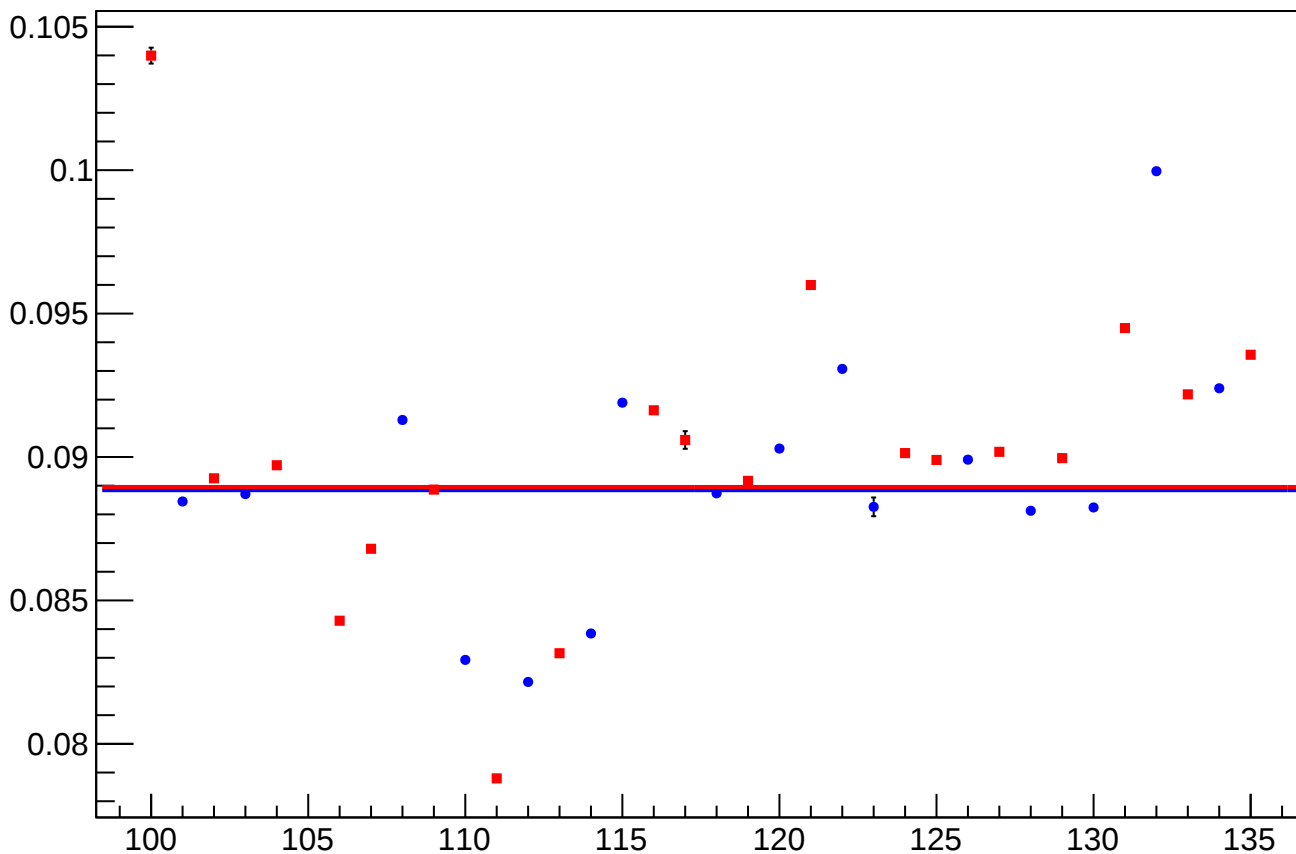
Right Out: -0.328+/-0.000 χ^2/NDF : 203482263.0/18

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

-0.363+/-0.000 χ^2/NDF : 210532329.0/15

-0.328+/-0.000 χ^2/NDF : 203482263.0/18

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

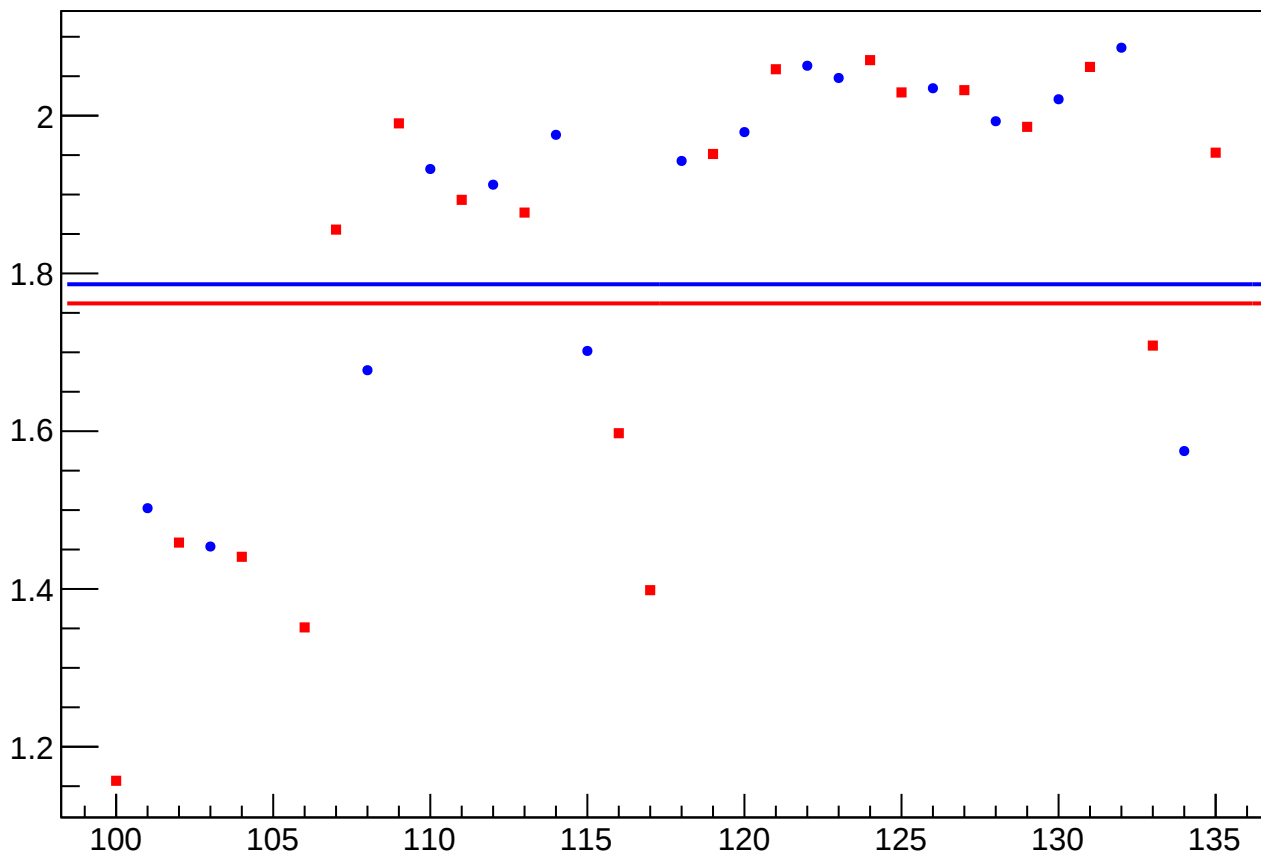
Right Out: 0.089+/-0.000 χ^2/NDF : 34928.7/18

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 : 34928.7/18

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

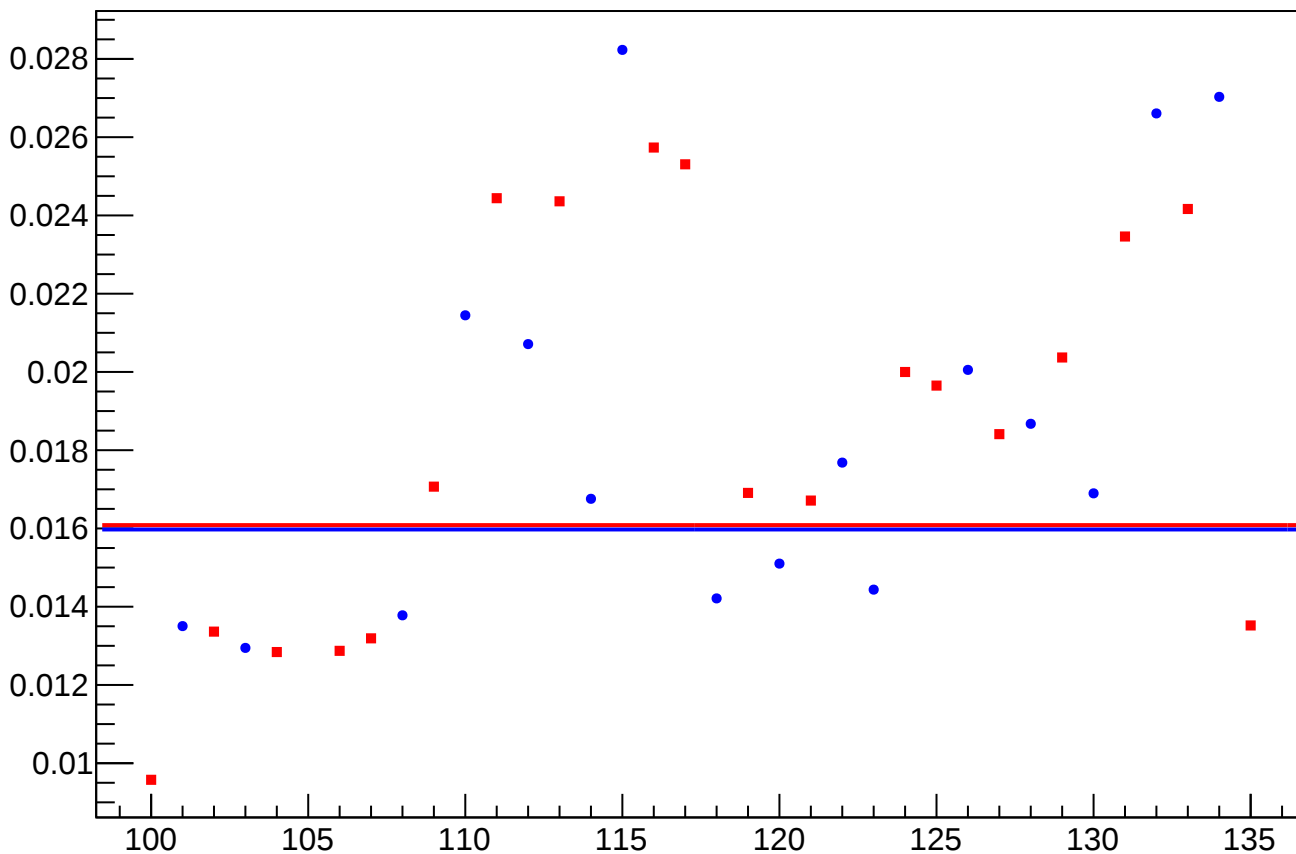
Right Out: 1.762+/-0.000 χ^2/NDF : 1711558076.9/18

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

1.786+/-0.000 χ^2/NDF : 1129165413.8/15

1.762+/-0.000 χ^2/NDF : 1711558076.9/18

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

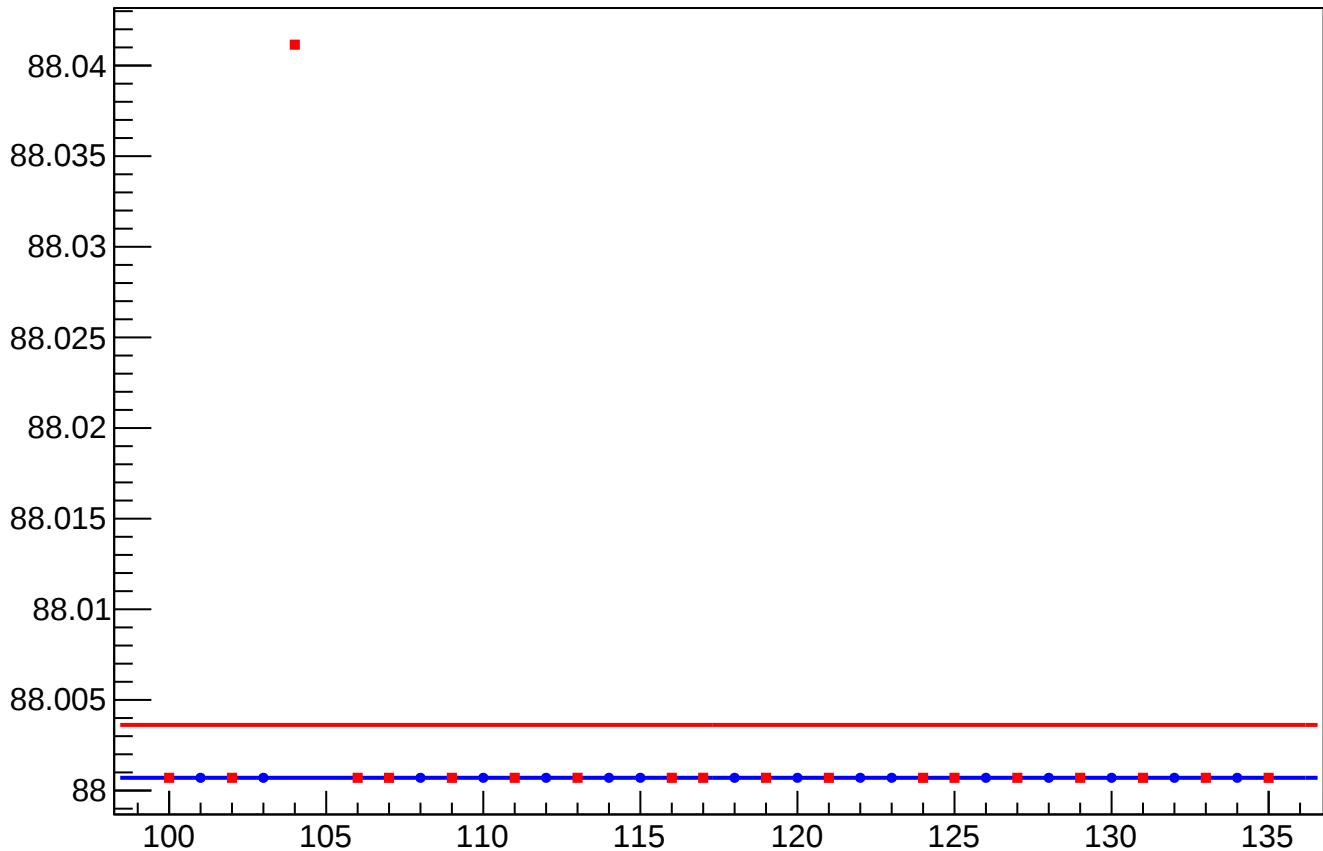
Right Out: 0.016+/-0.000 χ^2/NDF : 735345.1/18

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 : 735345.1/18

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

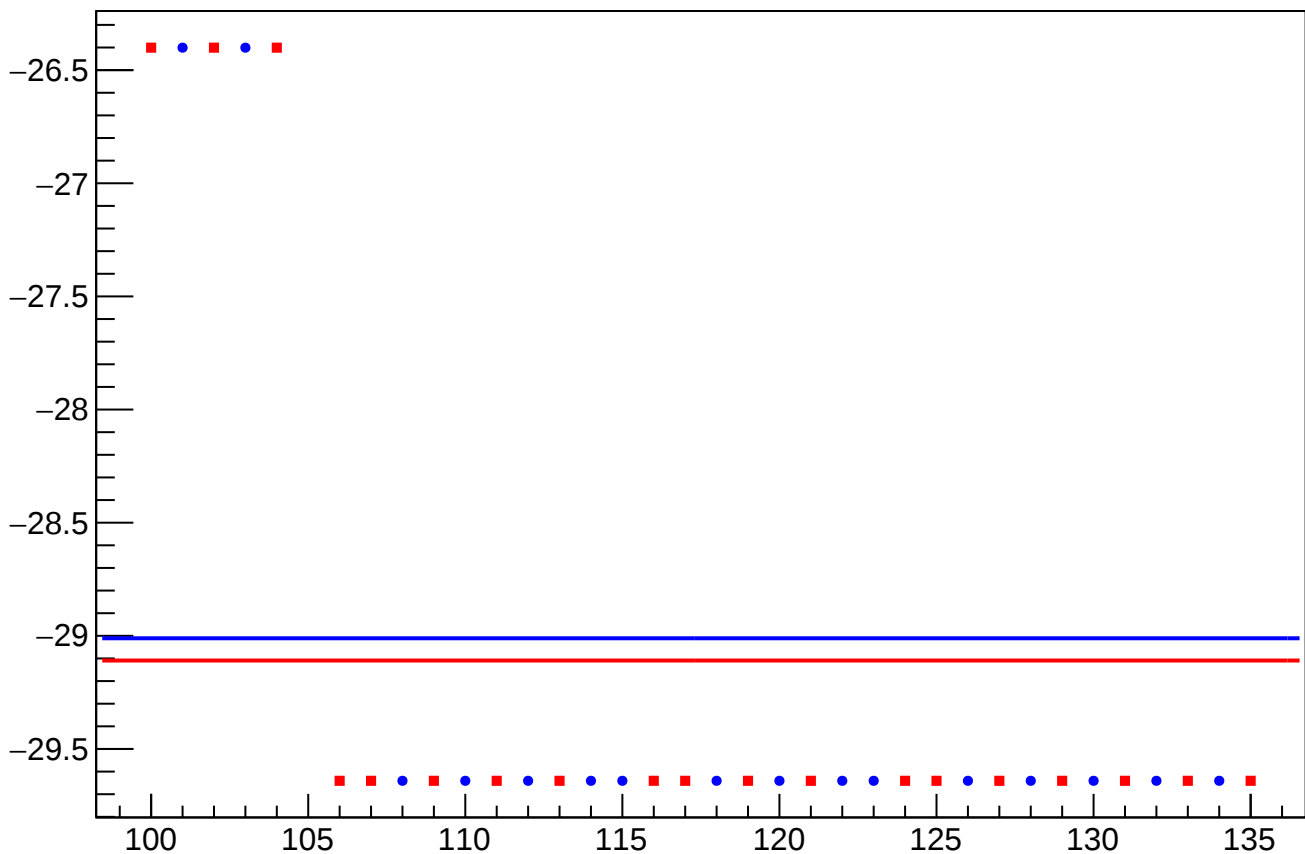
88.001+/-0.000 χ^2/NDF : 1415254.3/15

Right Out: 88.004+/-0.000 χ^2/NDF : 77420844410665340590884913152.0/18

88.004+/-0.000 χ^2/NDF : 77420844410665340590884913152.0/18

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

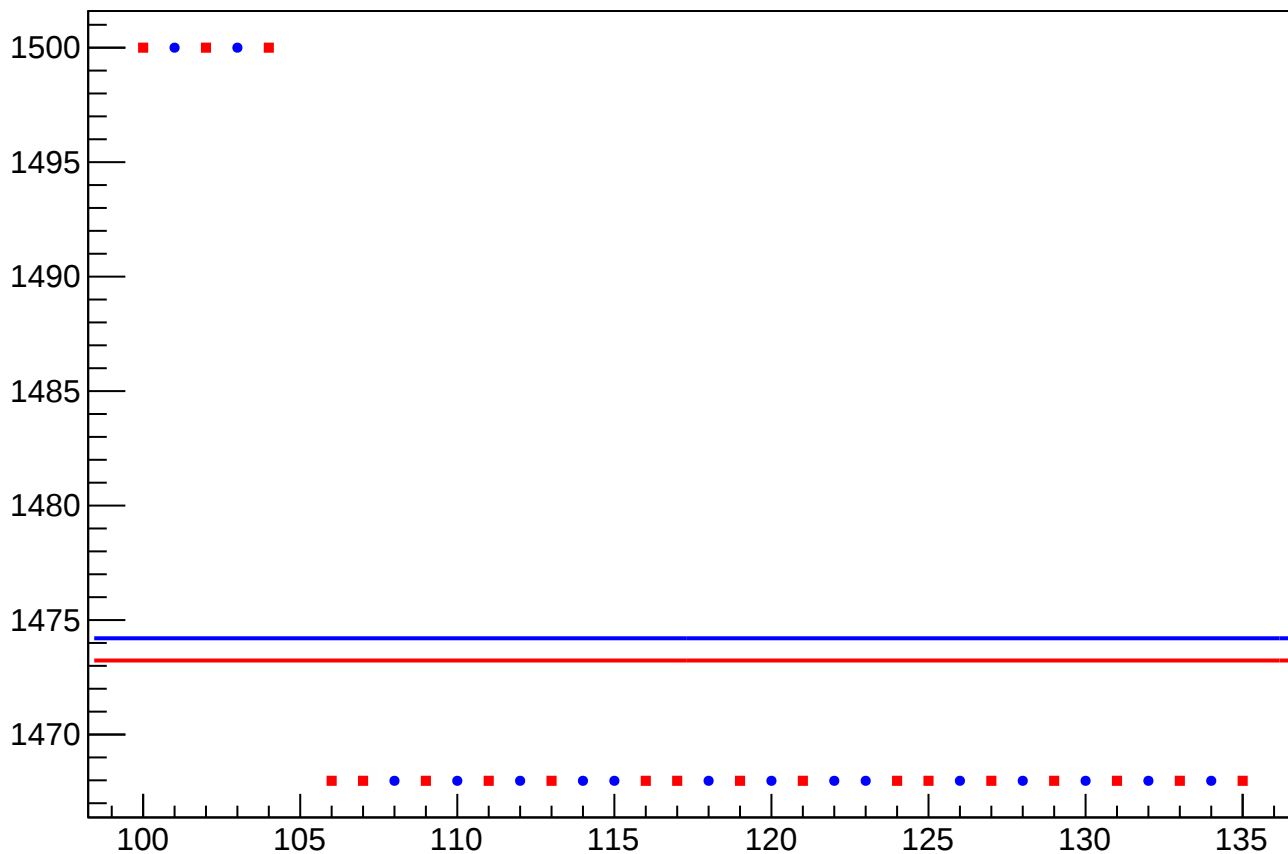
-29.011+/-0.000 χ^2/NDF : 99791188665570132

Right Out: -29.109+/-0.000 χ^2/NDF : 1017925693917970822754182727991296.0/18

-29.109+/-0.000 χ^2/NDF : 10179256939179708

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

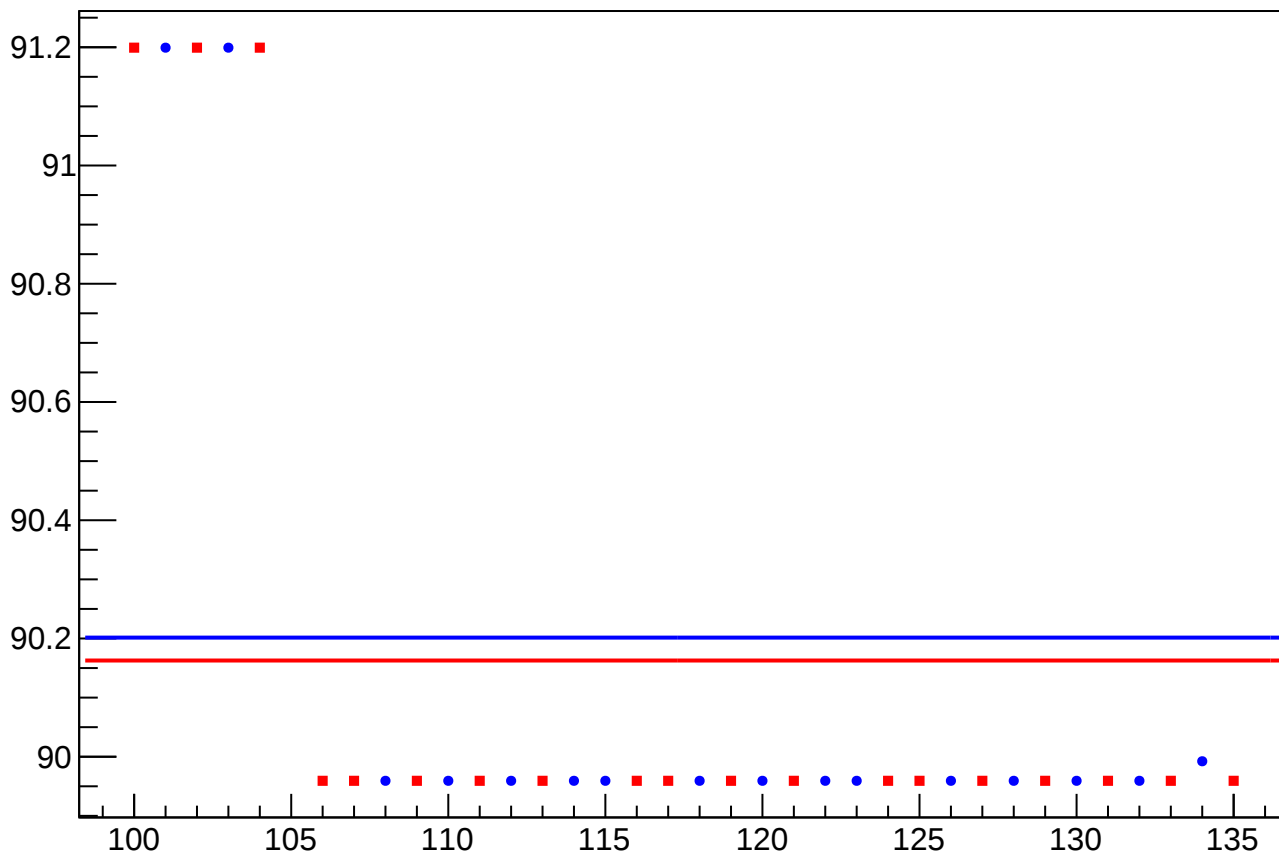
Right Out: 1473.233+/-0.000 χ^2/NDF : 99427577276154165802398425836158976.0/18

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

1474.204+/-0.000 χ^2/NDF : 9747269551999727

1473.233+/-0.000 χ^2/NDF : 9942757727615416

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

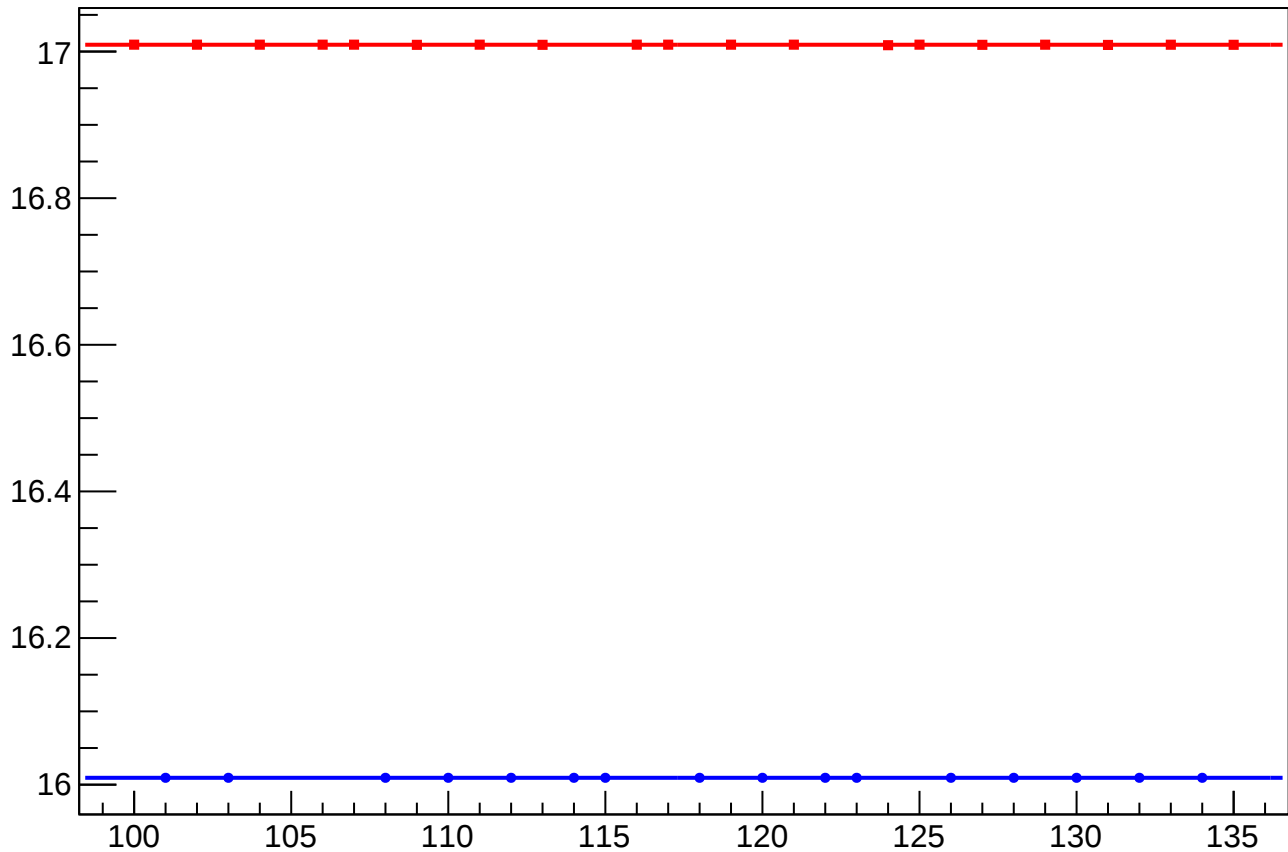
Right Out: 90.163+/-0.000 χ^2/NDF : 1490971790665090003823234091581440.0/18

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

90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

90.163+/-0.000 χ^2/NDF : 1490971790665090003823234091581440.0/18

epics_IGL1I00DI24_24Ms_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF : 37057.5/15

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

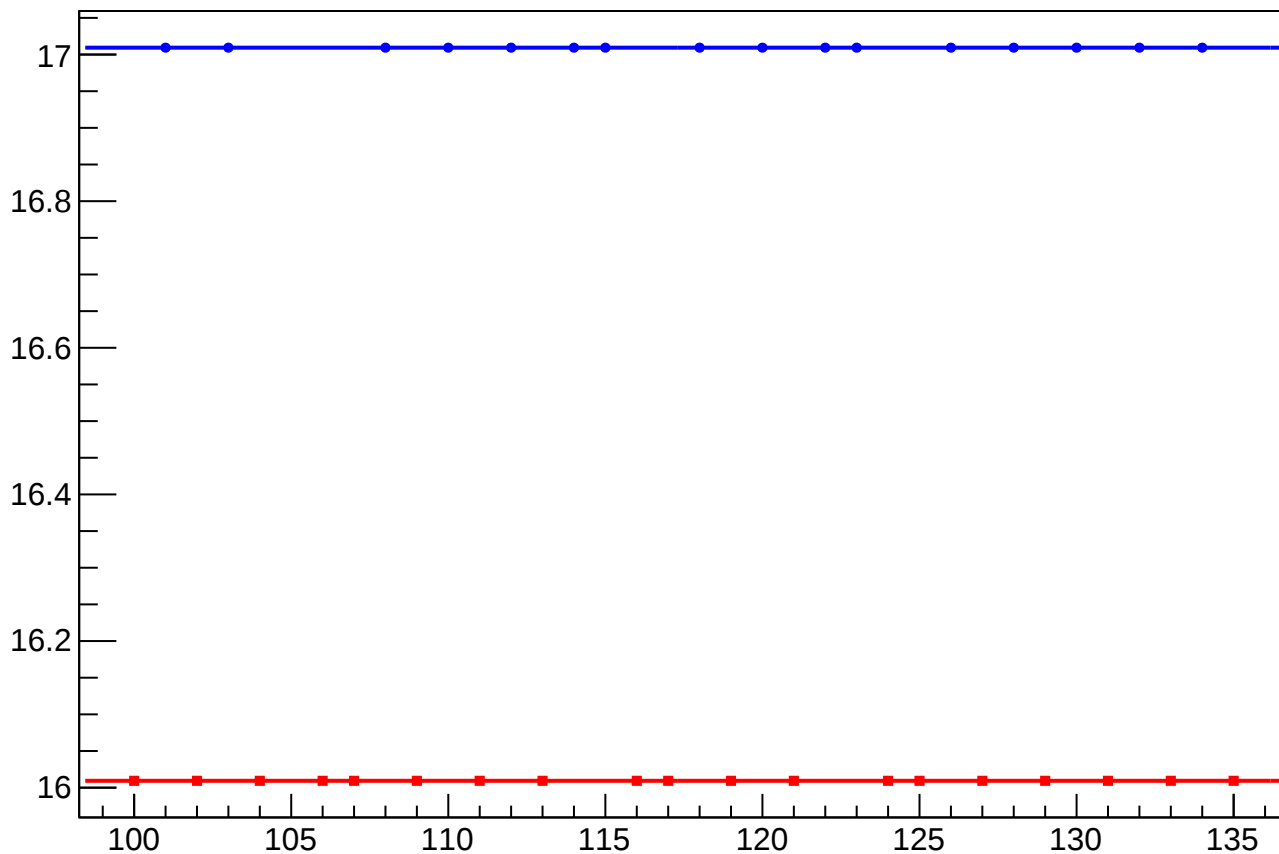
16.009+/-0.000 χ^2/NDF : 37057.5/15

Right Out: 17.009+/-0.000 χ^2/NDF : 12389476647225414836551680.0/18

17.009+/-0.000 χ^2/NDF : 12389476647225414836551680.0/18

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

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 61733.1/15

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

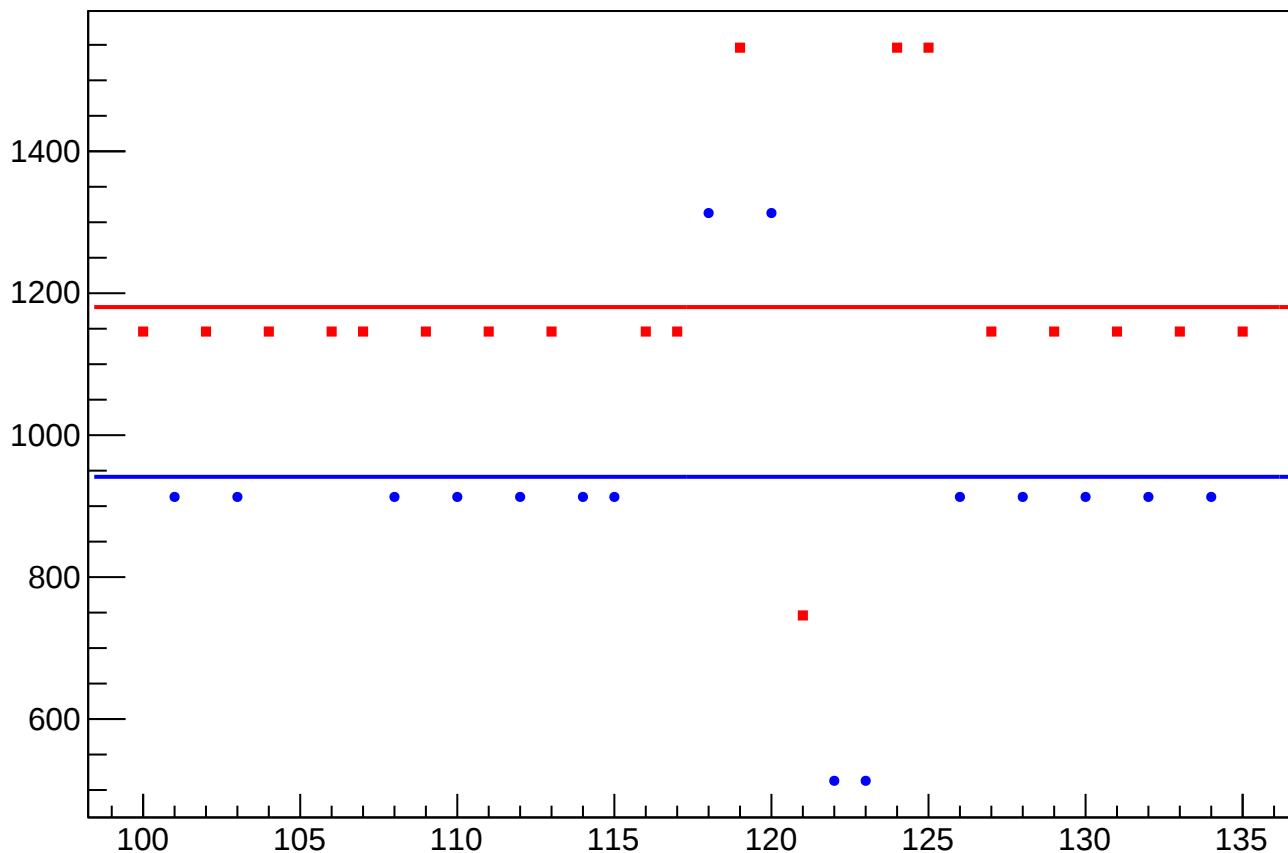
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 23337.7/18

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: 23337.7/18

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

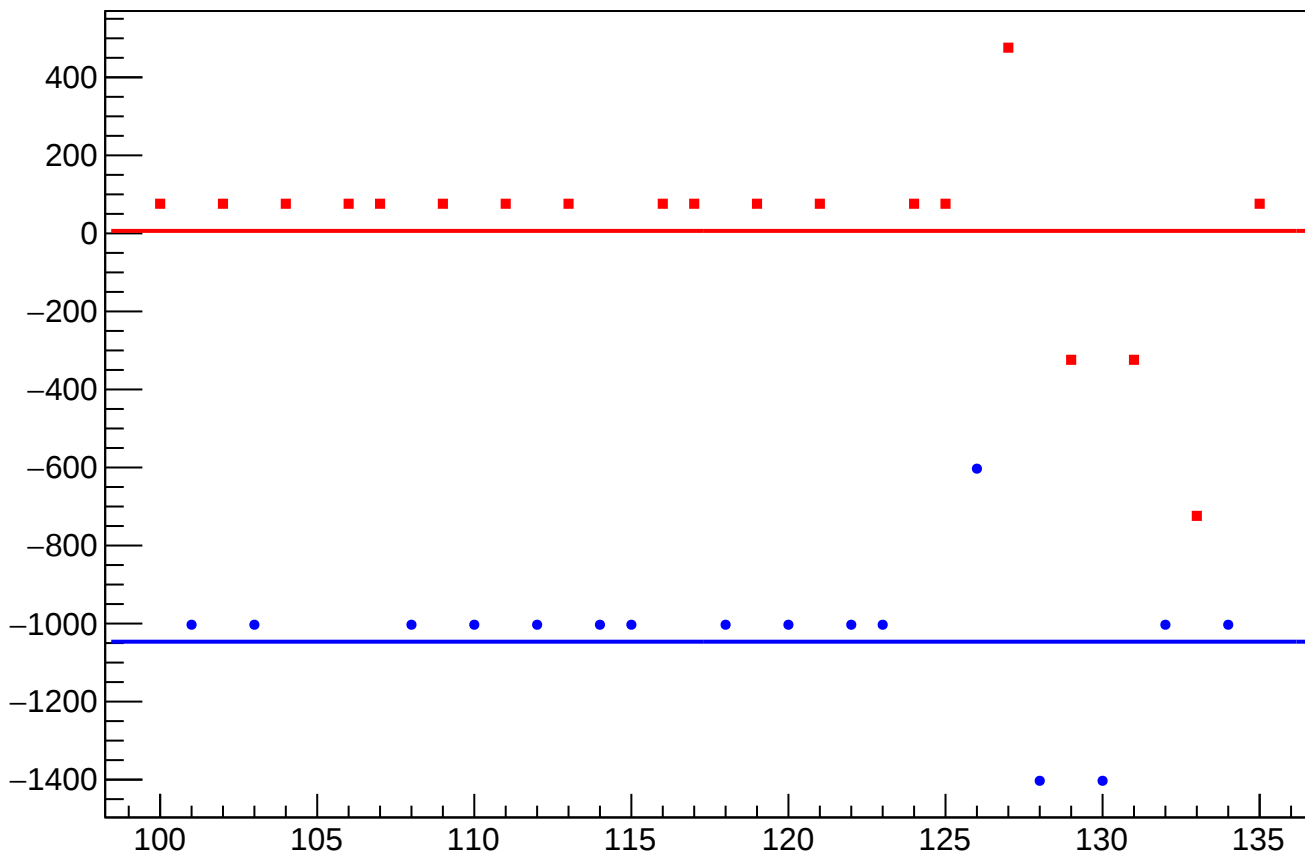
Right Out: 1180.522+/-0.000 χ^2/NDF : 21398620707516997563123126535953842176.0/18

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

941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

1180.522+/-0.000 χ^2/NDF : 21398620707516997563123126535953842176.0/18

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: 6.419+/-0.000 χ^2/NDF : 43775786851623464135037405036363644928.0/18

6.419+/-0.000 χ^2/NDF : 43775786851623464135037405036363644928.0/18

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