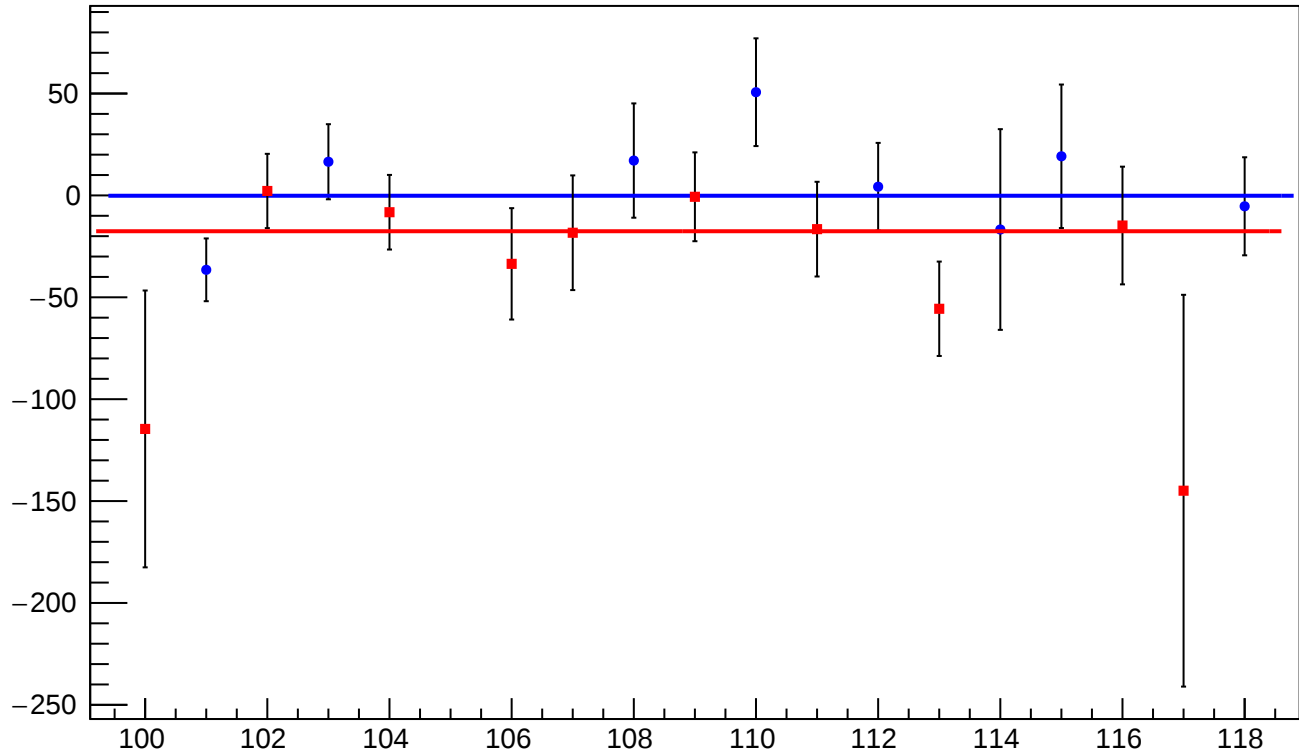


diff_bpm4aX_mean vs Slug



Right In: -0.163+/-8.173

χ^2/NDF : 11.0/7

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -17.579+/-7.921

χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

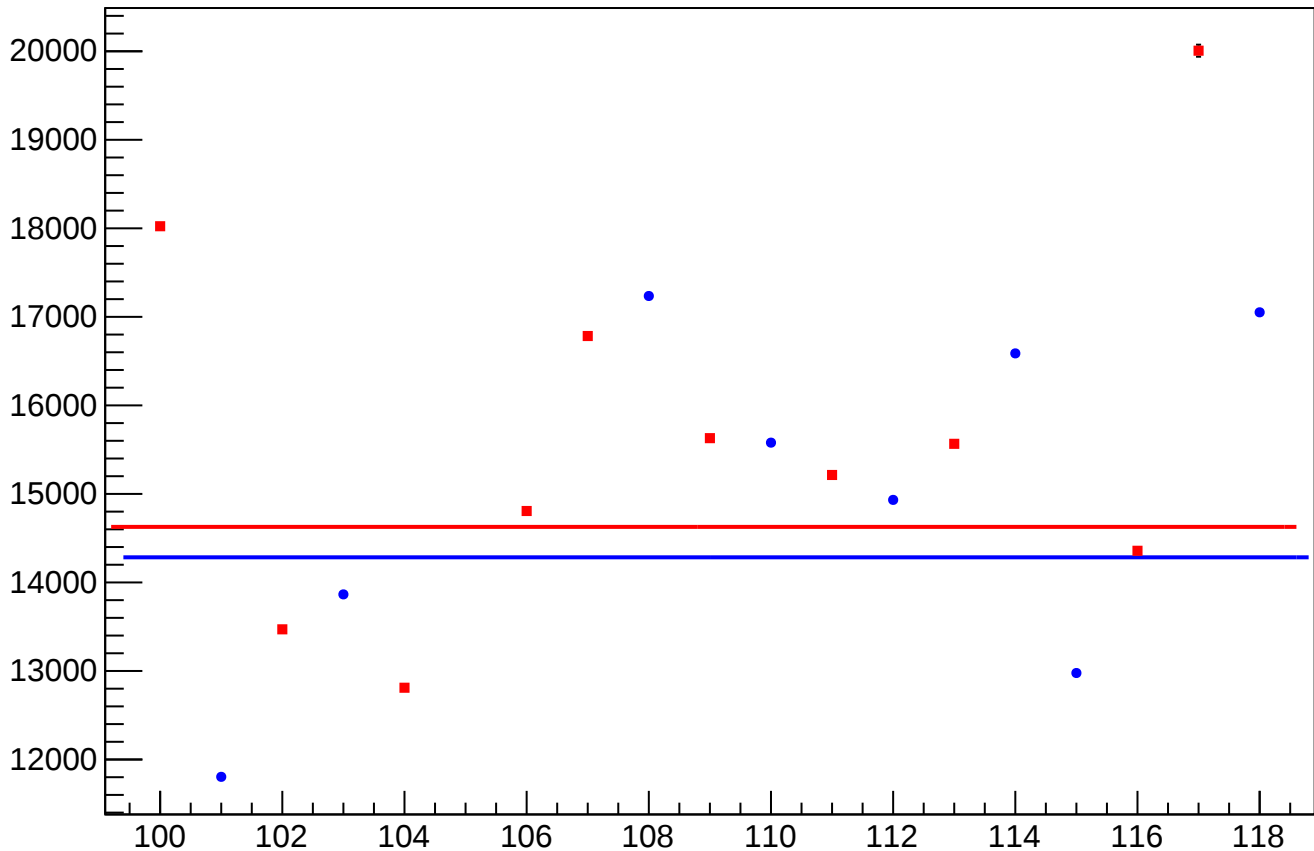
-0.163+/-8.173

χ^2/NDF : 11.0/7

-17.579+/-7.921

χ^2/NDF : 8.9/9

diff_bpm4aX_rms vs Slug



Right In: 14283.848+/-5.779 χ^2/NDF : 115244.5/7

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

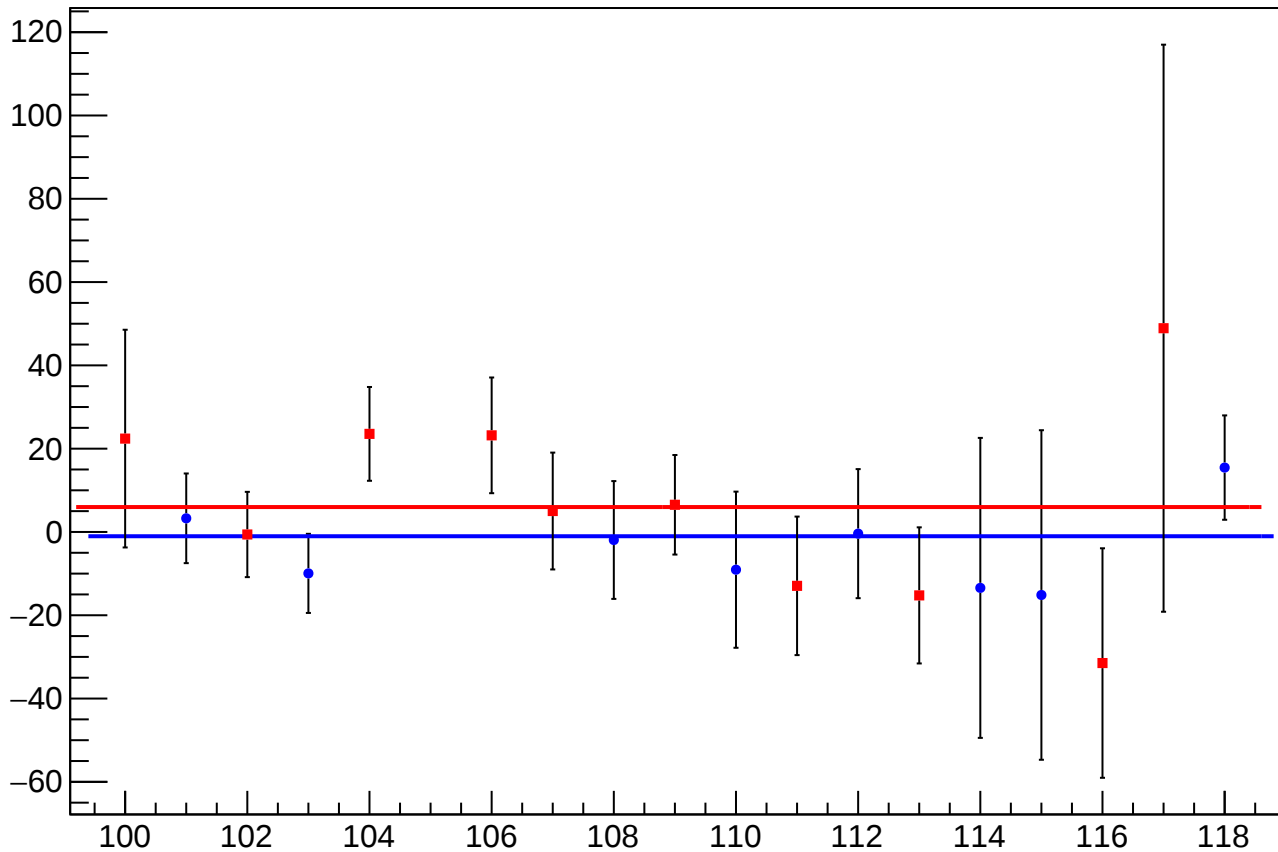
Right Out: 14627.634+/-5.601 χ^2/NDF : 59794.4/9

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

14283.848+/-5.779 χ^2/NDF : 115244.5/7

14627.634+/-5.601 χ^2/NDF : 59794.4/9

diff_bpm4aY_mean vs Slug



Right In: -1.027+/-5.032 χ^2/NDF : 3.2/7

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

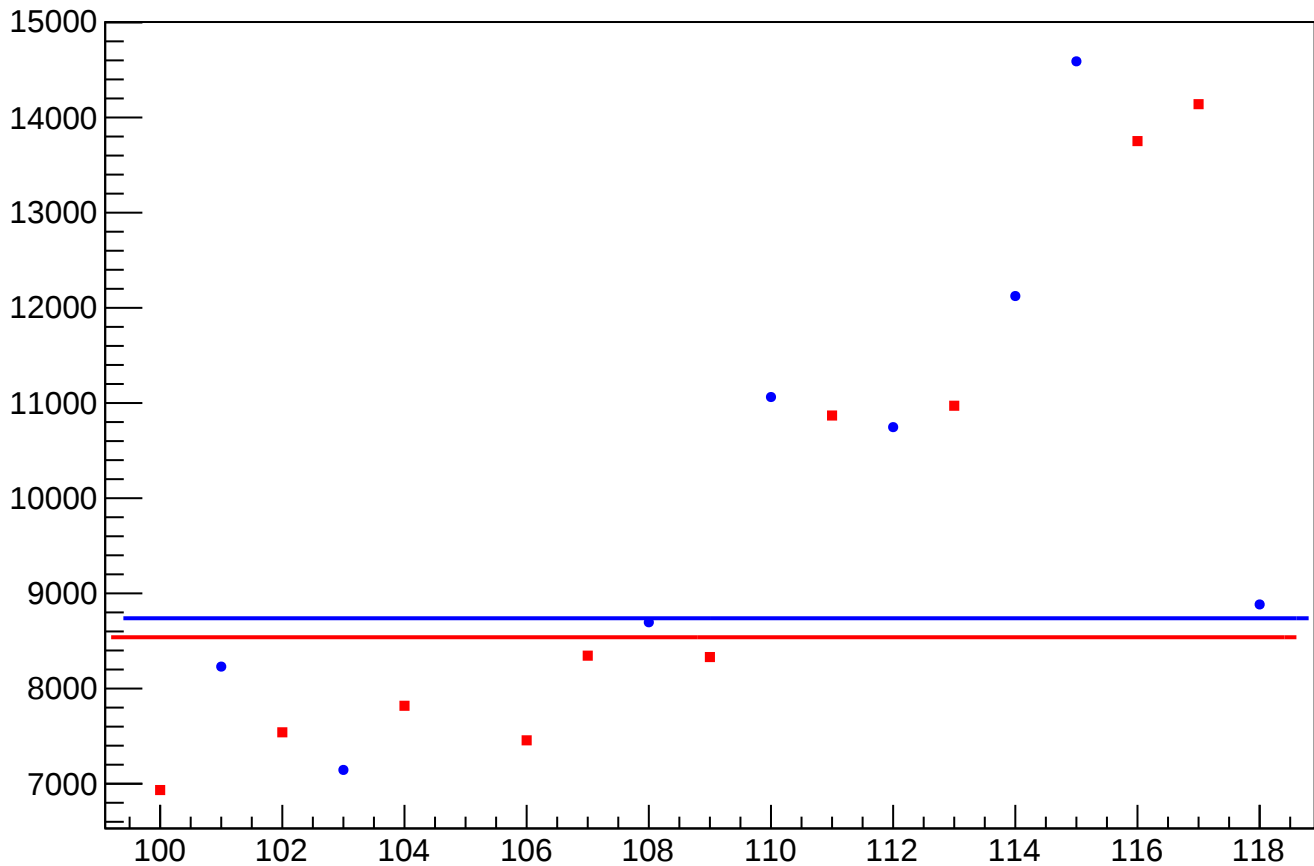
Right Out: 5.982+/-4.712 χ^2/NDF : 10.0/9

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

-1.027+/-5.032 χ^2/NDF : 3.2/7

5.982+/-4.712 χ^2/NDF : 10.0/9

diff_bpm4aY_rms vs Slug



Right In: 8738.603 $\pm$ 3.558 χ^2 /NDF: 186765.9/7

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

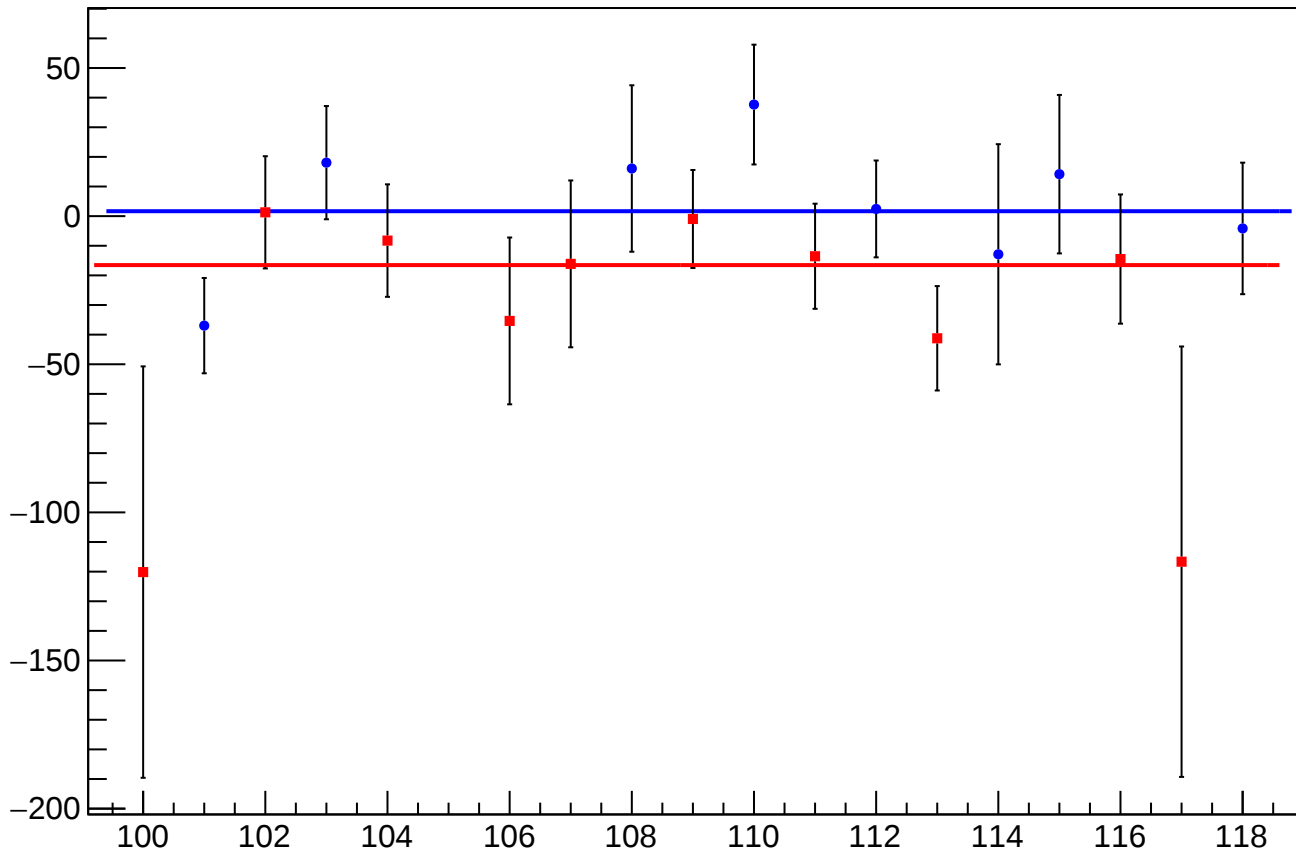
8738.603 $\pm$ 3.558 χ^2 /NDF: 186765.9/7

Right Out: 8539.060 $\pm$ 3.332 χ^2 /NDF: 216593.8/9

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

8539.060 $\pm$ 3.332 χ^2 /NDF: 216593.8/9

diff_bpm4eX_mean vs Slug



Right In: 1.663+/-7.410 χ^2/NDF : 10.4/7

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

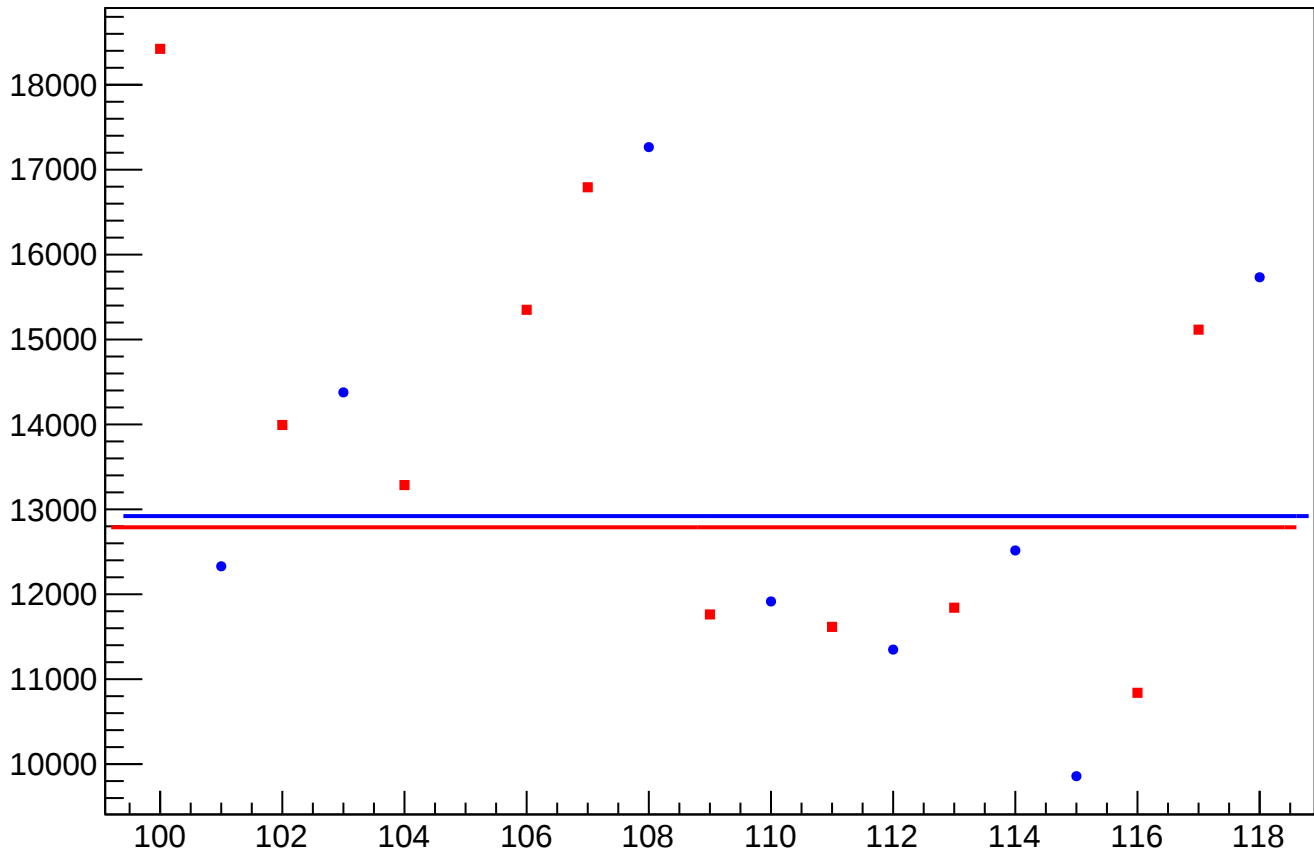
Right Out: -16.527+/-6.961 χ^2/NDF : 8.5/9

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

1.663+/-7.410 χ^2/NDF : 10.4/7

-16.527+/-6.961 χ^2/NDF : 8.5/9

diff_bpm4eX_rms vs Slug



Right In: 12920.573+/-5.240 χ^2/NDF : 144180.7/7

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

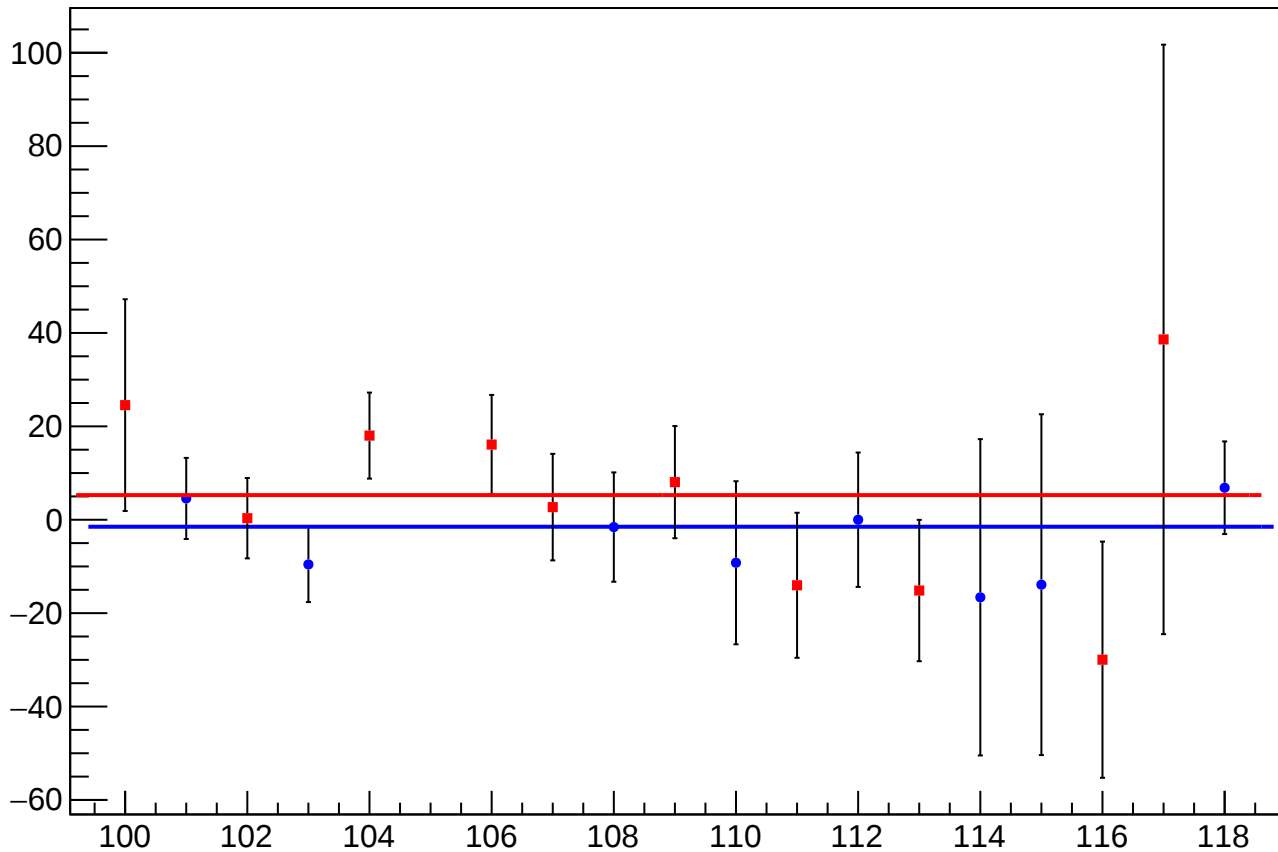
12920.573+/-5.240 χ^2/NDF : 144180.7/7

Right Out: 12788.902+/-4.922 χ^2/NDF : 119898.1/9

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

12788.902+/-4.922 χ^2/NDF : 119898.1/9

diff_bpm4eY_mean vs Slug



Right In: -1.493+/-4.232 χ^2/NDF : 2.7/7

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

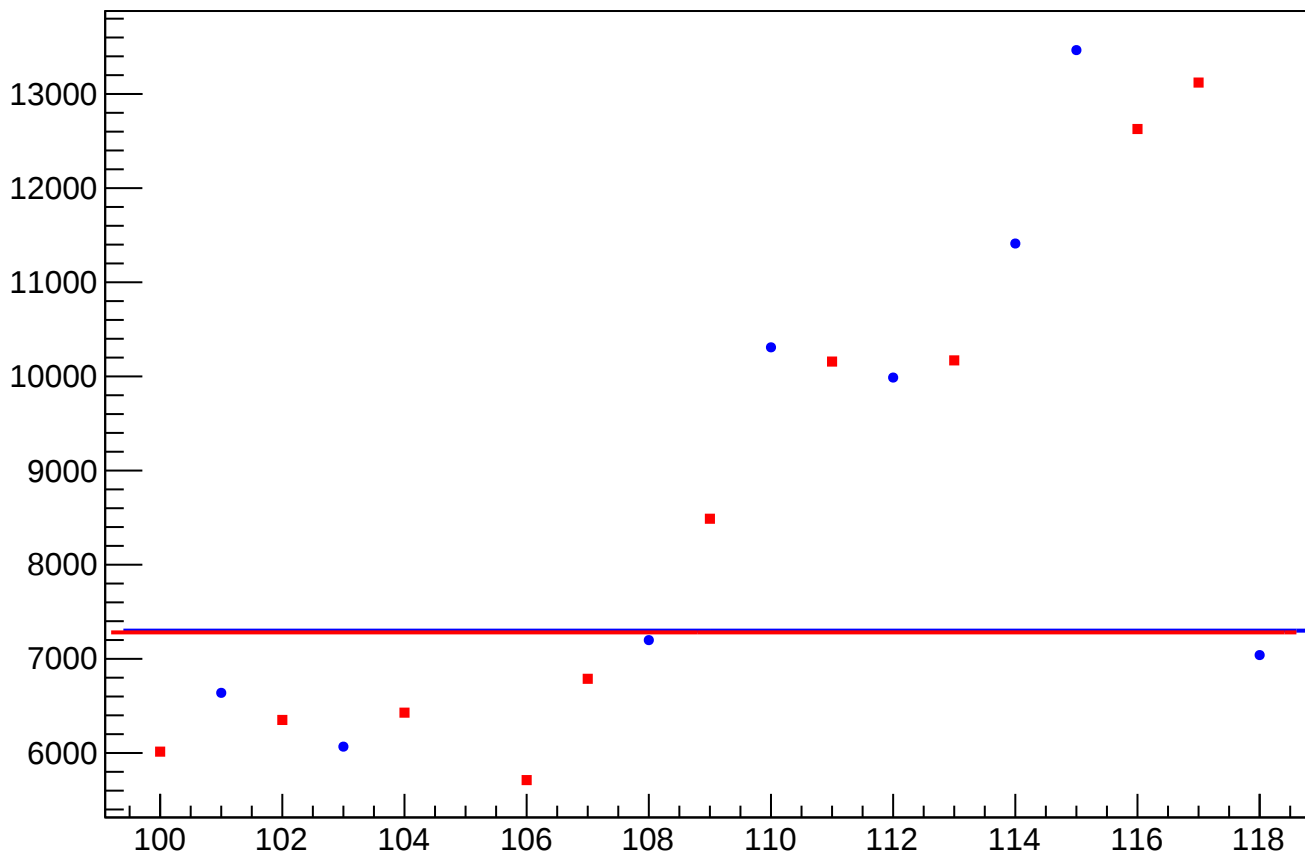
Right Out: 5.280+/-4.048 χ^2/NDF : 9.7/9

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

-1.493+/-4.232 χ^2/NDF : 2.7/7

5.280+/-4.048 χ^2/NDF : 9.7/9

diff_bpm4eY_rms vs Slug



Right In: 7299.702 $\pm$ 2.993 χ^2 /NDF: 275587.3/7

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

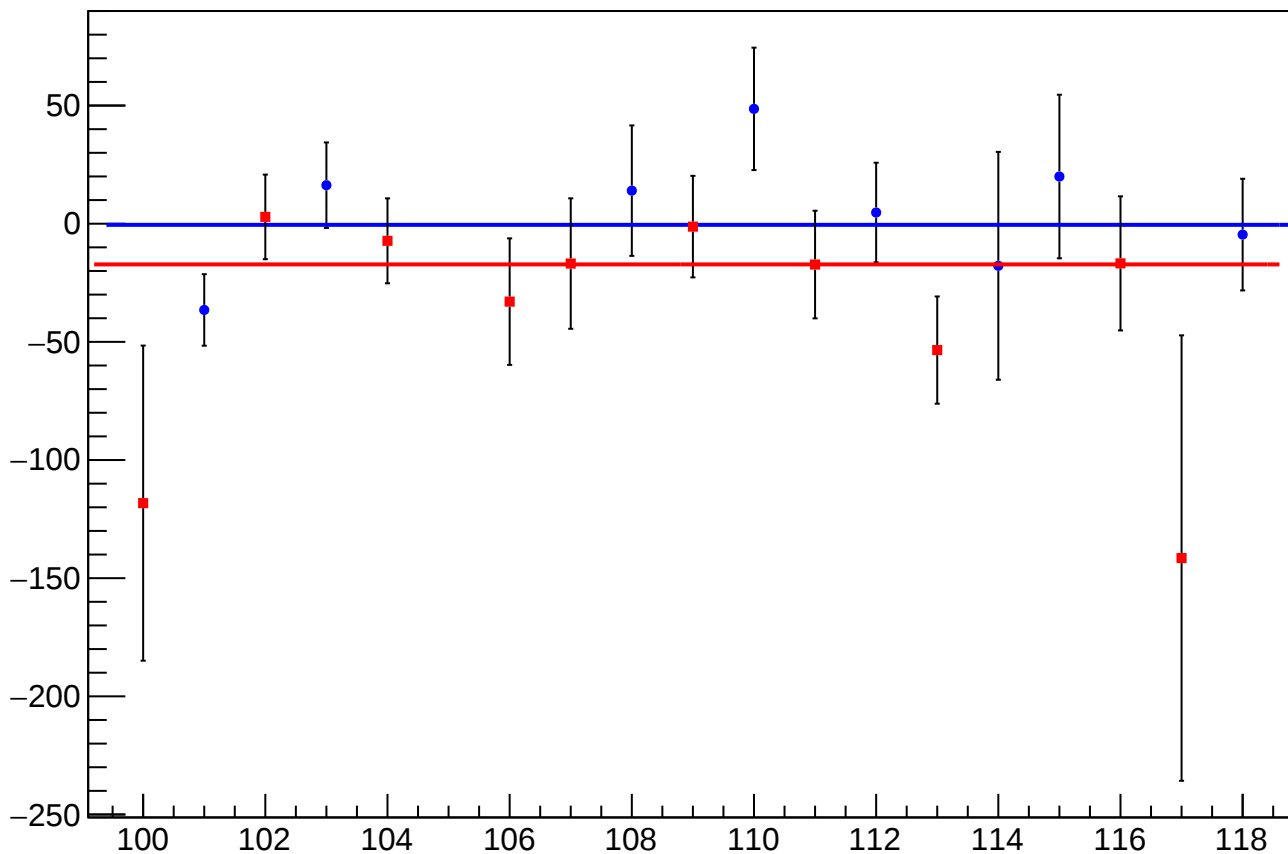
Right Out: 7280.999 $\pm$ 2.862 χ^2 /NDF: 362306.7/9

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

7299.702 $\pm$ 2.993 χ^2 /NDF: 275587.3/7

7280.999 $\pm$ 2.862 χ^2 /NDF: 362306.7/9

diff_bpm4acX_mean vs Slug



Right In: -0.477 ± 8.023 χ^2/NDF : 11.0/7

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

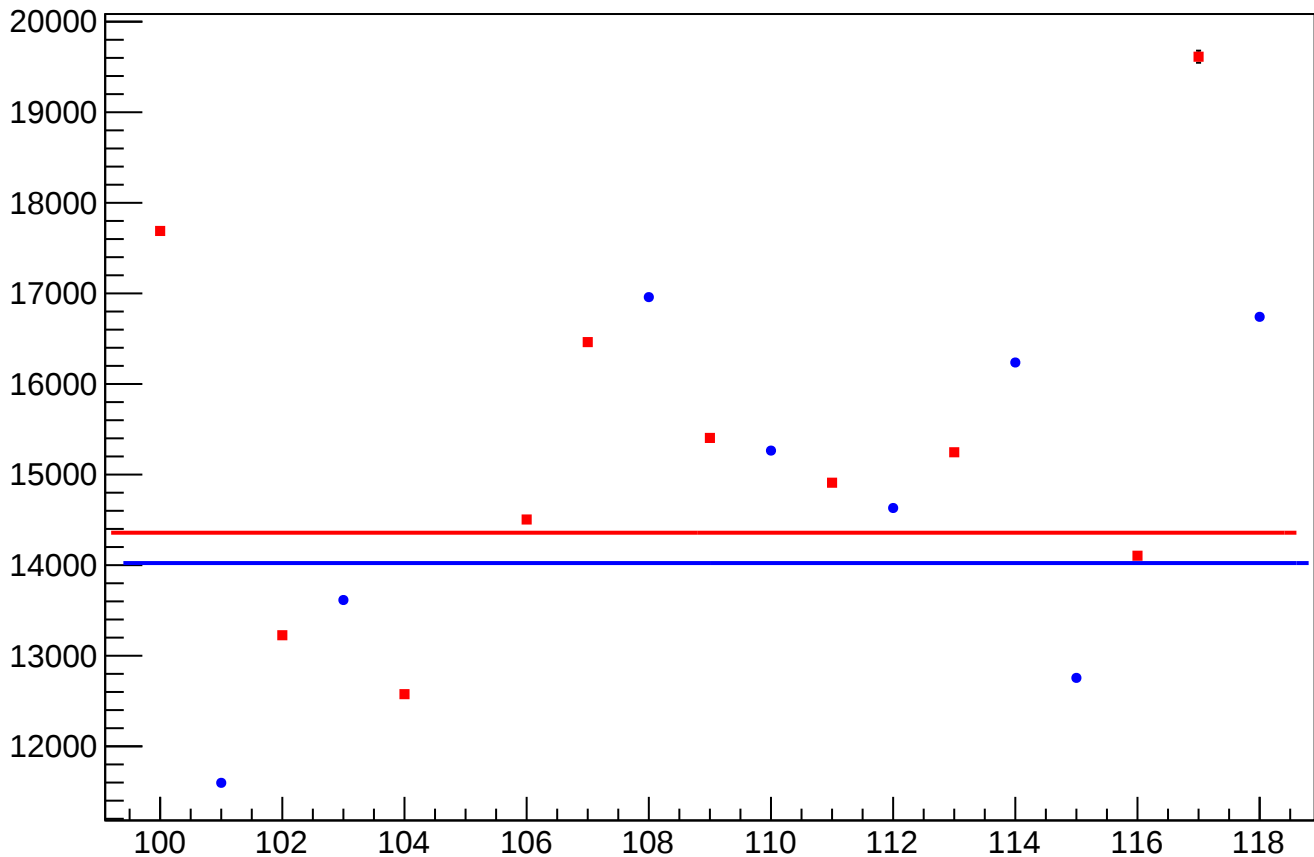
Right Out: -17.220 ± 7.775 χ^2/NDF : 9.1/9

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

-0.477 ± 8.023 χ^2/NDF : 11.0/7

-17.220 ± 7.775 χ^2/NDF : 9.1/9

diff_bpm4acX_rms vs Slug



Right In: 14023.075+/-5.673 χ^2/NDF : 114721.6/7

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

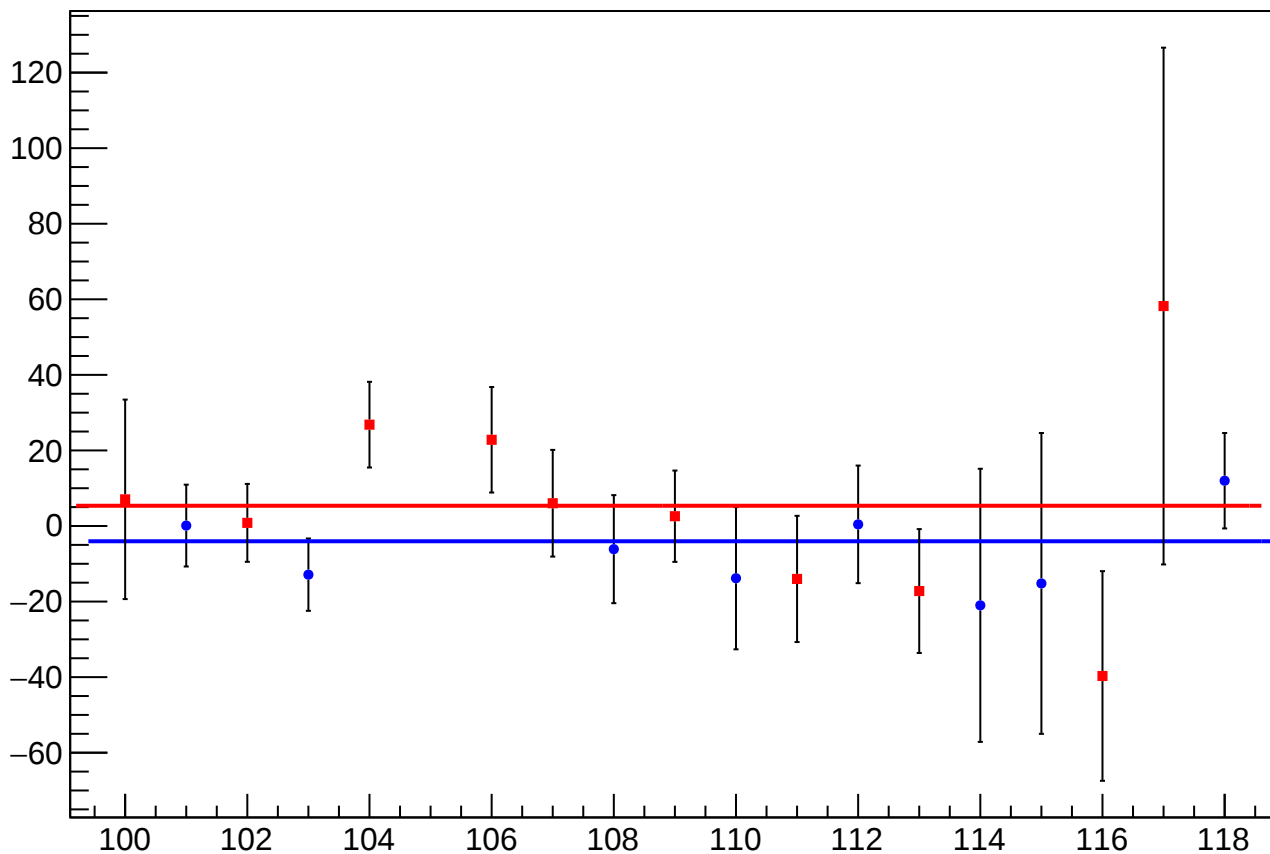
14023.075+/-5.673 χ^2/NDF : 114721.6/7

Right Out: 14358.109+/-5.498 χ^2/NDF : 59699.9/9

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

14358.109+/-5.498 χ^2/NDF : 59699.9/9

diff_bpm4acY_mean vs Slug



Right In: -4.039+/-5.066 χ^2/NDF : 3.3/7

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

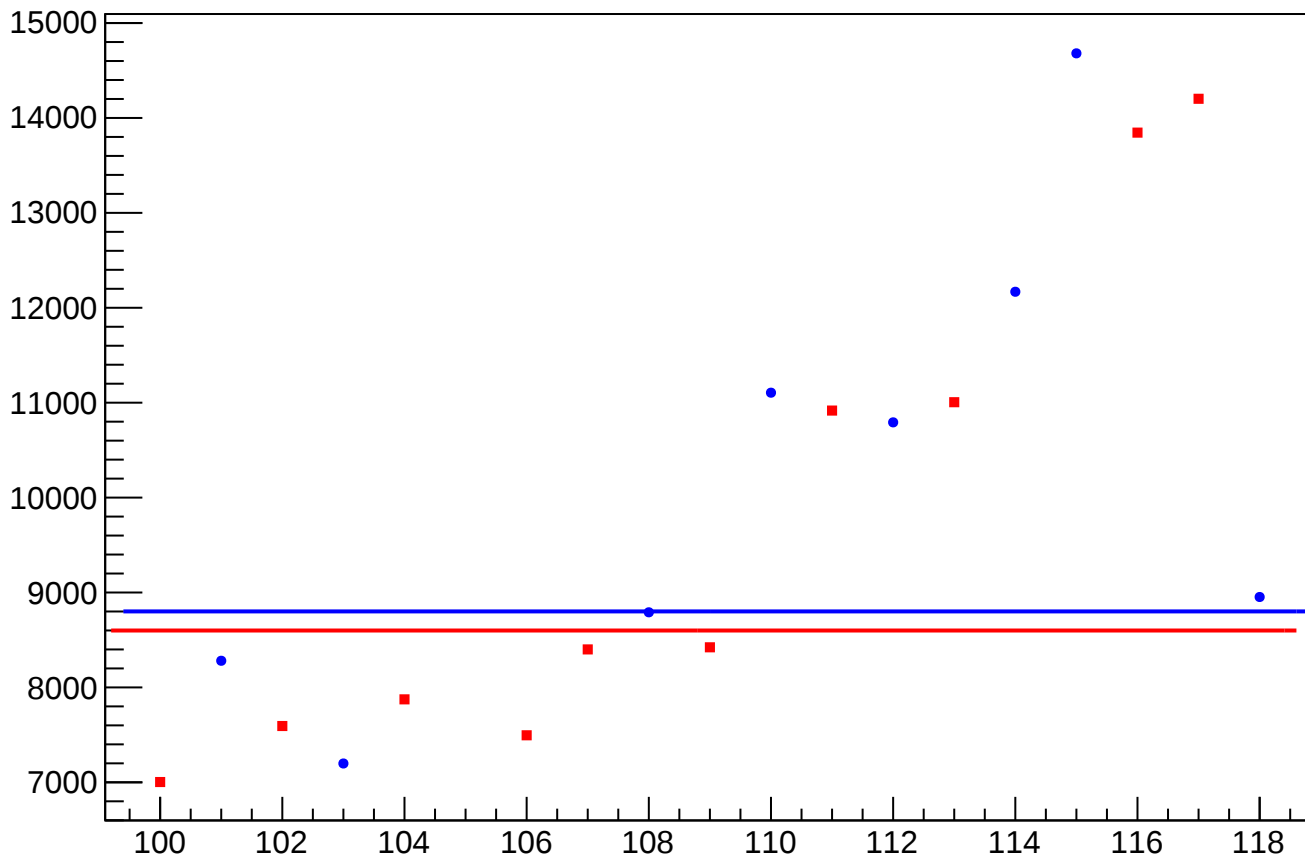
Right Out: 5.359+/-4.744 χ^2/NDF : 11.9/9

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

-4.039+/-5.066 χ^2/NDF : 3.3/7

5.359+/-4.744 χ^2/NDF : 11.9/9

diff_bpm4acY_rms vs Slug



Right In: 8800.824+/-3.583 χ^2/NDF : 184715.6/7

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

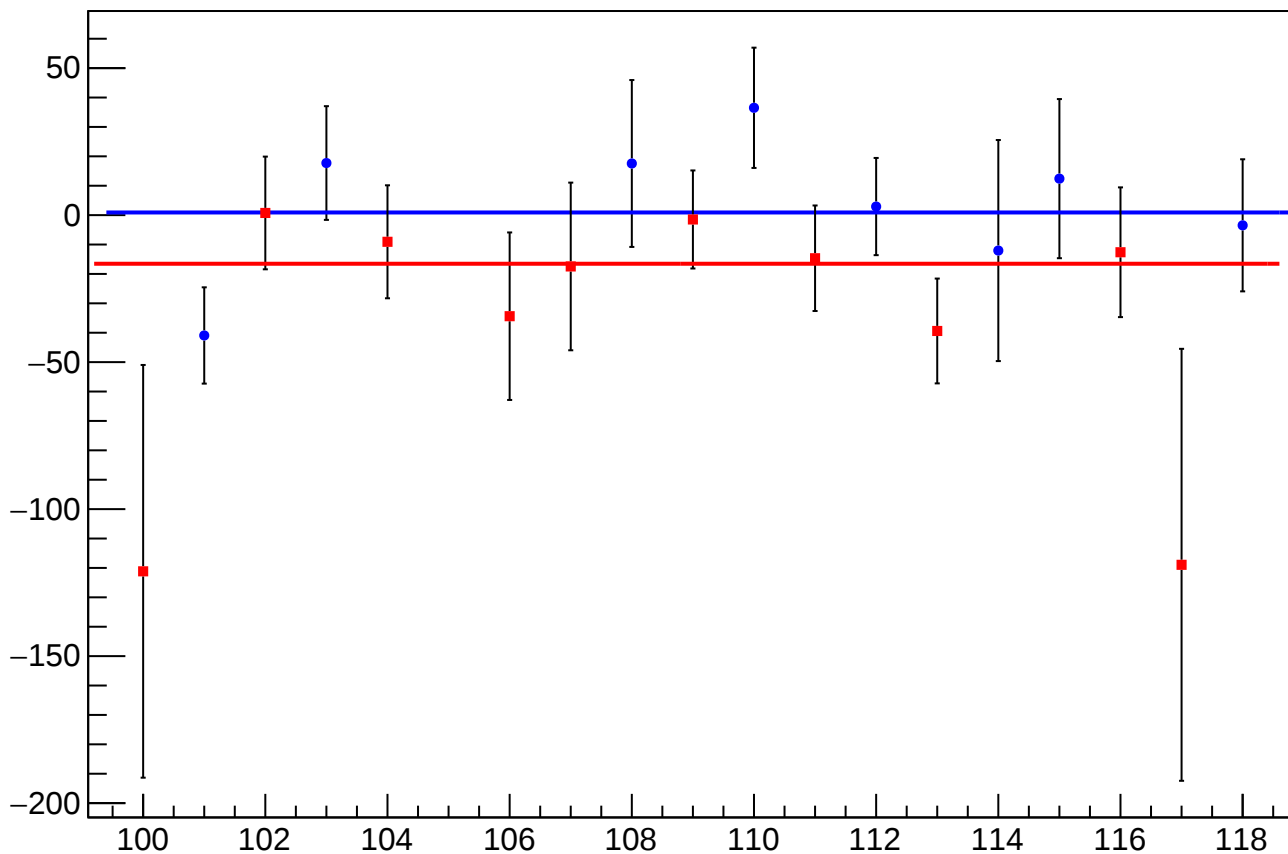
Right Out: 8599.539+/-3.354 χ^2/NDF : 214392.6/9

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

8800.824+/-3.583 χ^2/NDF : 184715.6/7

8599.539+/-3.354 χ^2/NDF : 214392.6/9

diff_bpm4ecX_mean vs Slug



Right In: 0.905 ± 7.506 χ^2/NDF : 11.0/7

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

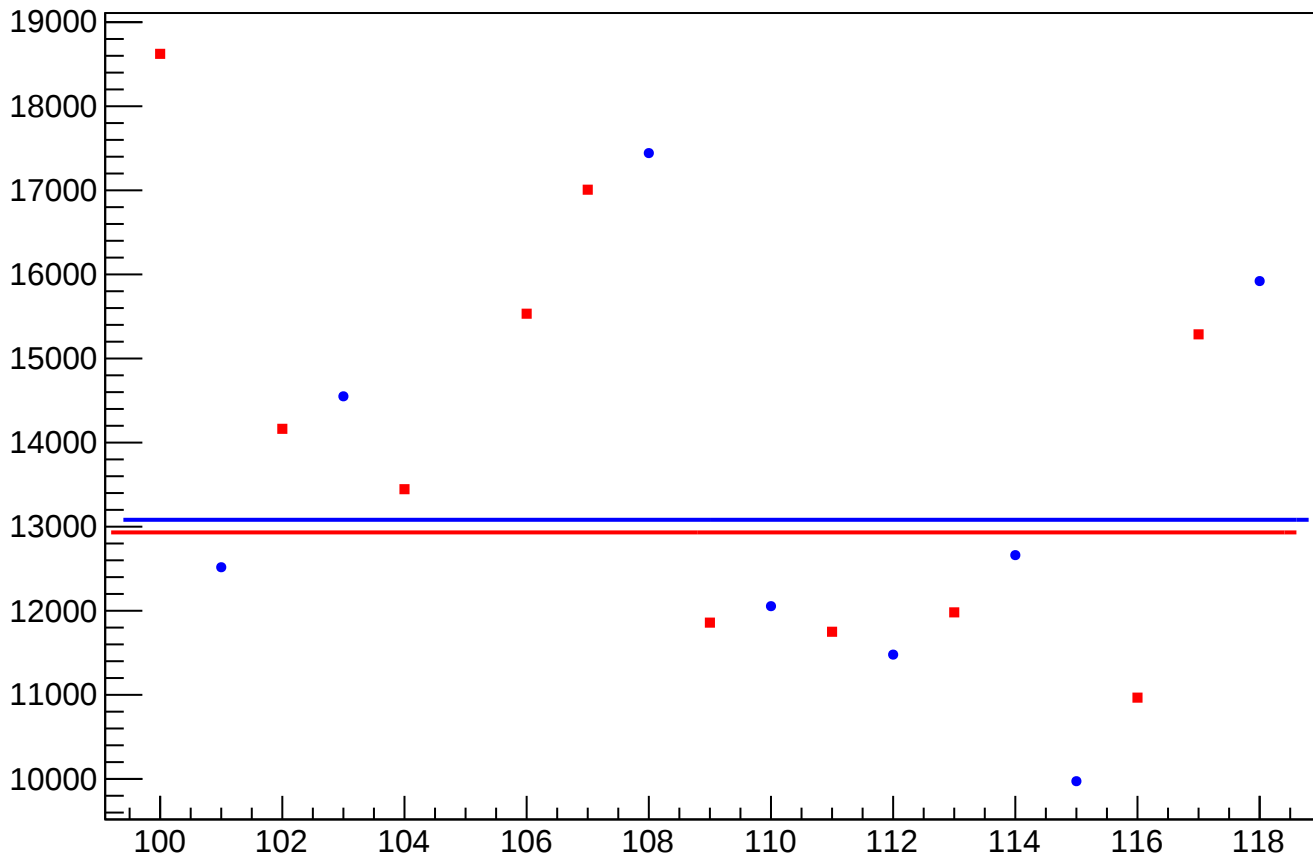
Right Out: -16.537 ± 7.039 χ^2/NDF : 8.0/9

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

0.905 ± 7.506 χ^2/NDF : 11.0/7

-16.537 ± 7.039 χ^2/NDF : 8.0/9

diff_bpm4ecX_rms vs Slug



Right In: 13081.890+/-5.308 χ^2/NDF : 143559.7/7

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

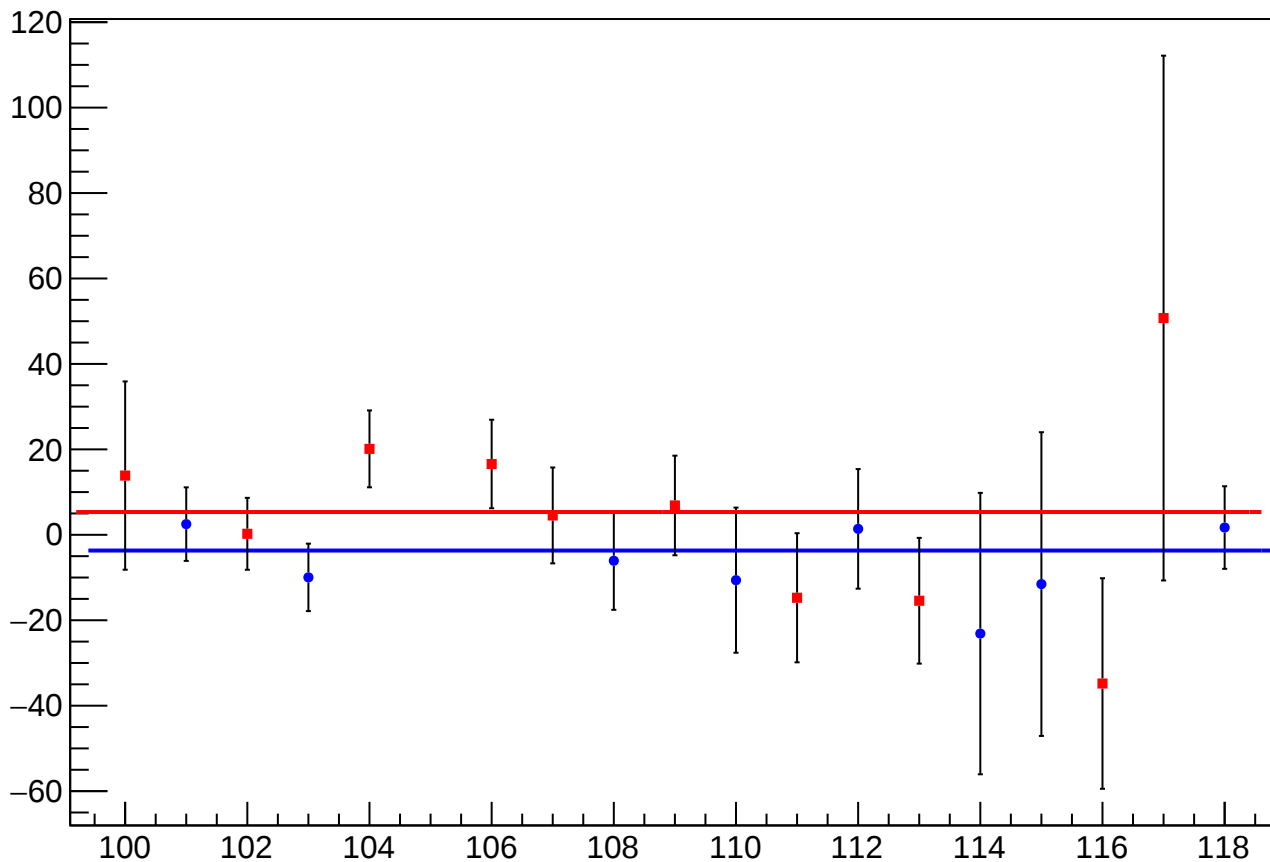
13081.890+/-5.308 χ^2/NDF : 143559.7/7

Right Out: 12931.760+/-4.977 χ^2/NDF : 120932.9/9

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

12931.760+/-4.977 χ^2/NDF : 120932.9/9

diff_bpm4ecY_mean vs Slug



Right In: -3.683+/-4.148 χ^2/NDF : 2.2/7

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

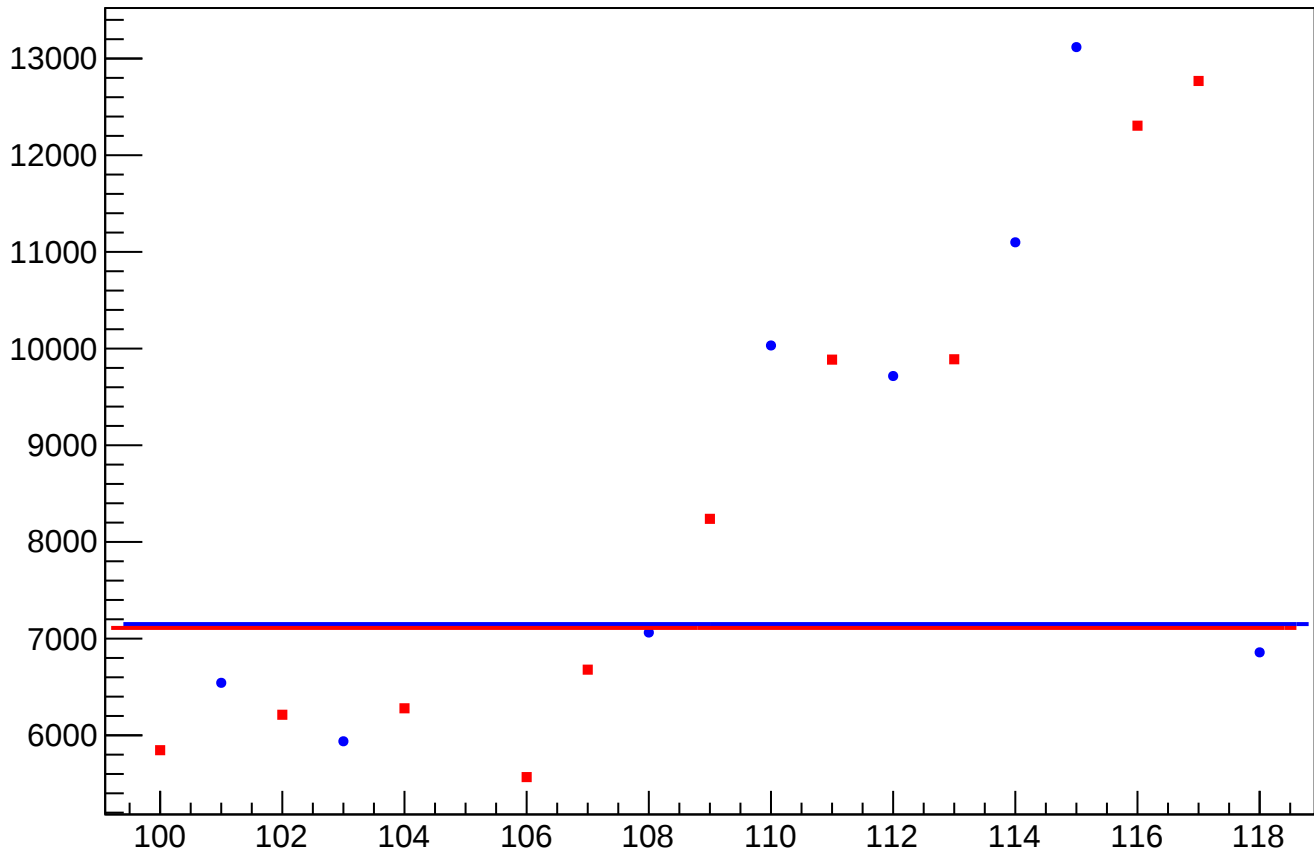
Right Out: 5.333+/-3.952 χ^2/NDF : 11.4/9

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

-3.683+/-4.148 χ^2/NDF : 2.2/7

5.333+/-3.952 χ^2/NDF : 11.4/9

diff_bpm4ecY_rms vs Slug



Right In: 7150.408 $\pm$ 2.933 χ^2 /NDF: 268898.0/7

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

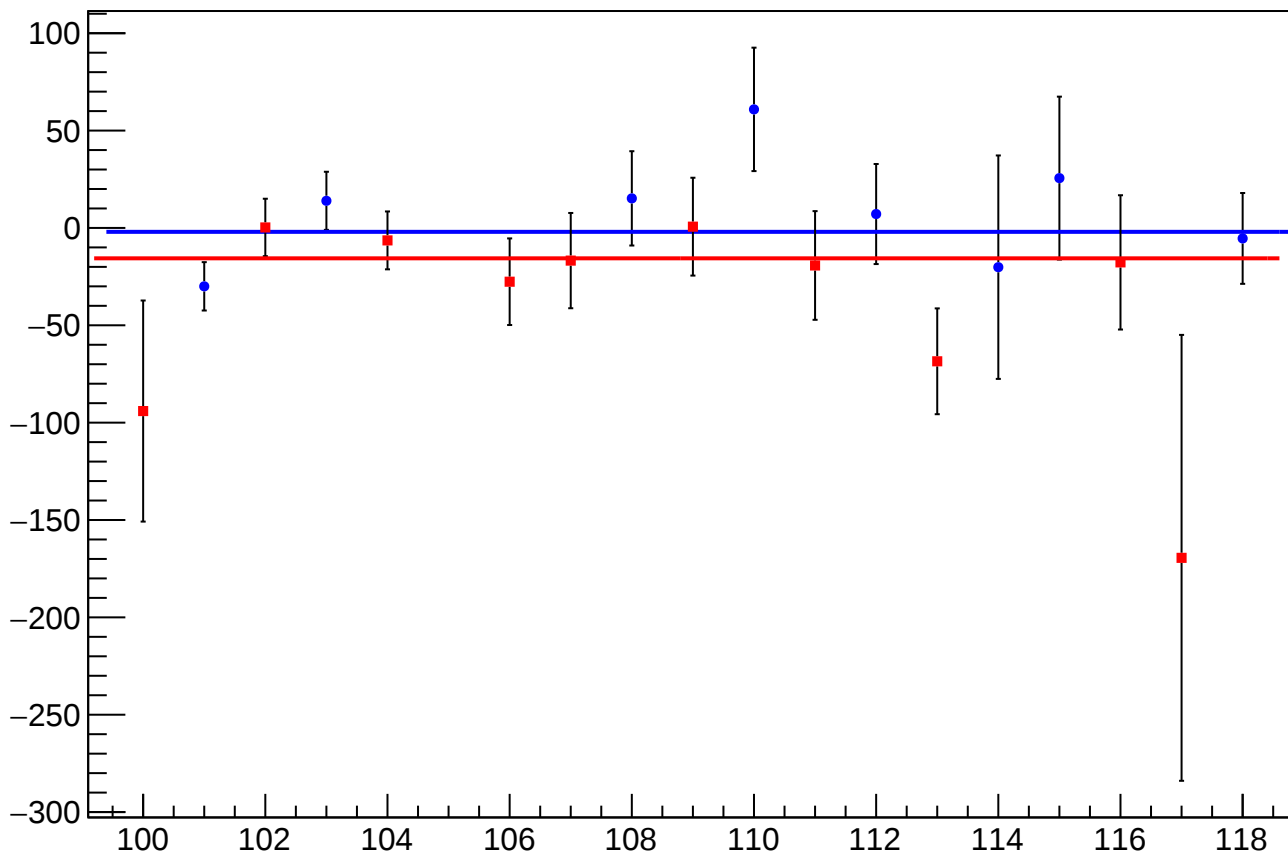
Right Out: 7110.686 $\pm$ 2.794 χ^2 /NDF: 356998.6/9

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

7150.408 $\pm$ 2.933 χ^2 /NDF: 268898.0/7

7110.686 $\pm$ 2.794 χ^2 /NDF: 356998.6/9

diff_bpm1X_mean vs Slug



Right In: -2.006+/-7.474 χ^2/NDF : 11.3/7

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

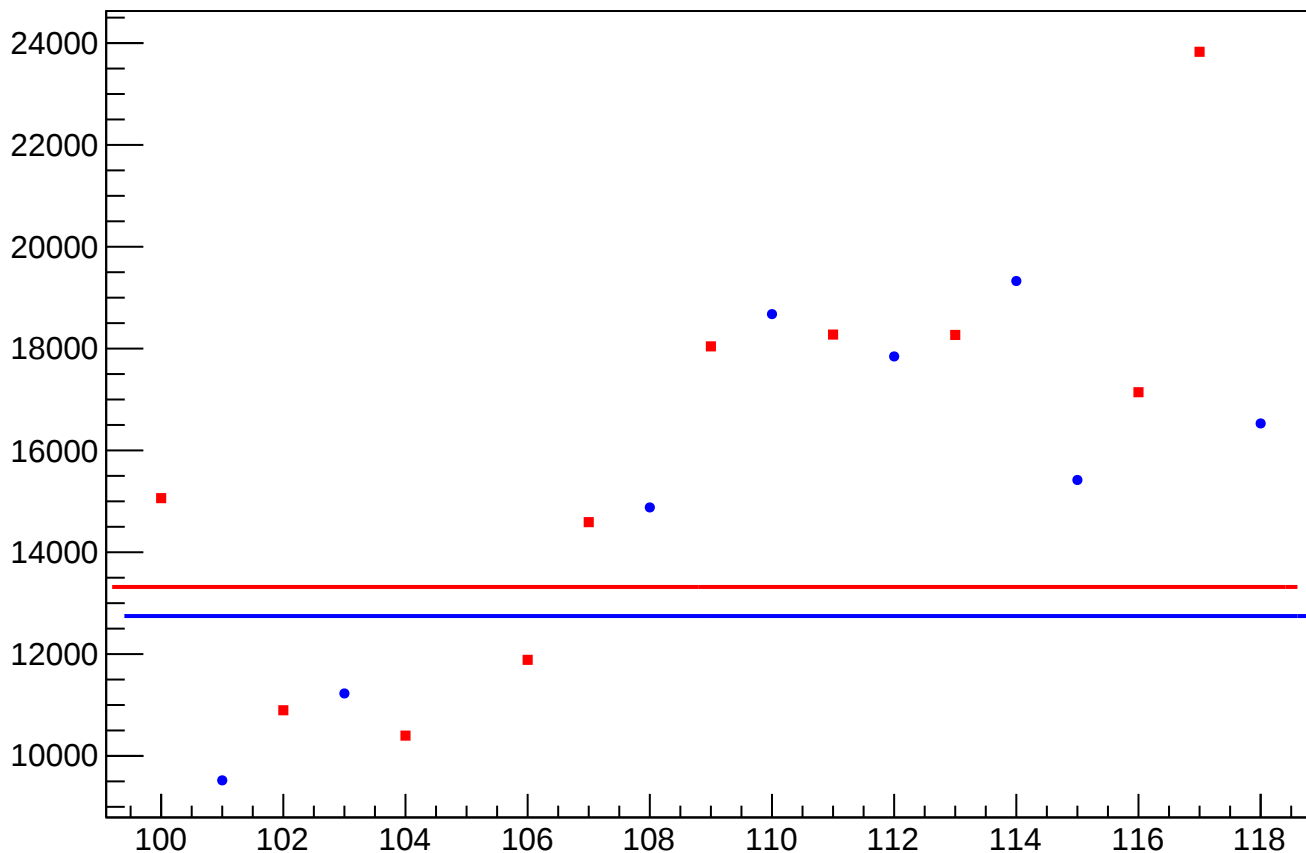
Right Out: -15.610+/-7.399 χ^2/NDF : 9.8/9

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

-2.006+/-7.474 χ^2/NDF : 11.3/7

-15.610+/-7.399 χ^2/NDF : 9.8/9

diff_bpm1X_rms vs Slug



Right In: 12747.143+/-5.285 χ^2/NDF : 407123.8/7

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

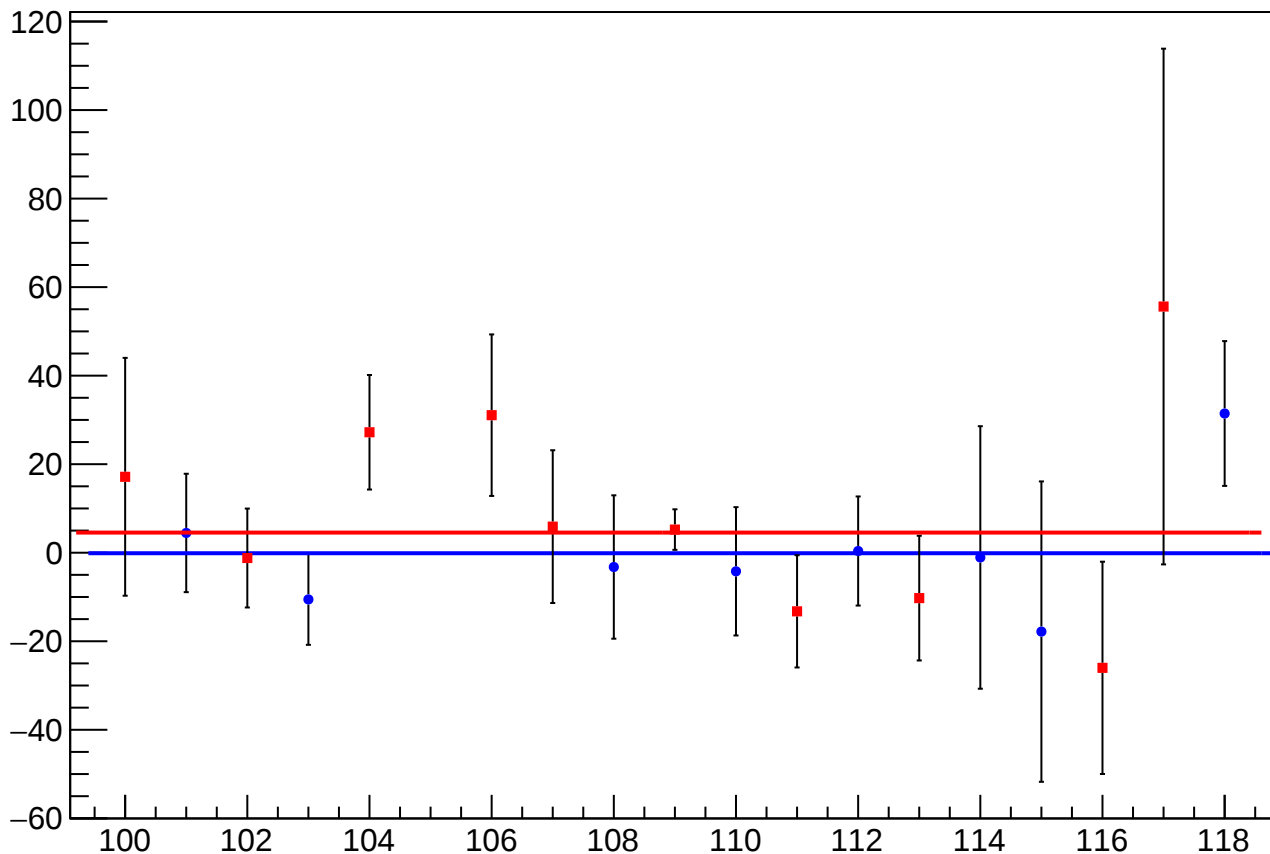
Right Out: 13318.314+/-5.232 χ^2/NDF : 388337.8/9

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

12747.143+/-5.285 χ^2/NDF : 407123.8/7

13318.314+/-5.232 χ^2/NDF : 388337.8/9

diff_bpm1Y_mean vs Slug



Right In: -0.115+/-5.271 χ^2/NDF : 5.3/7

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

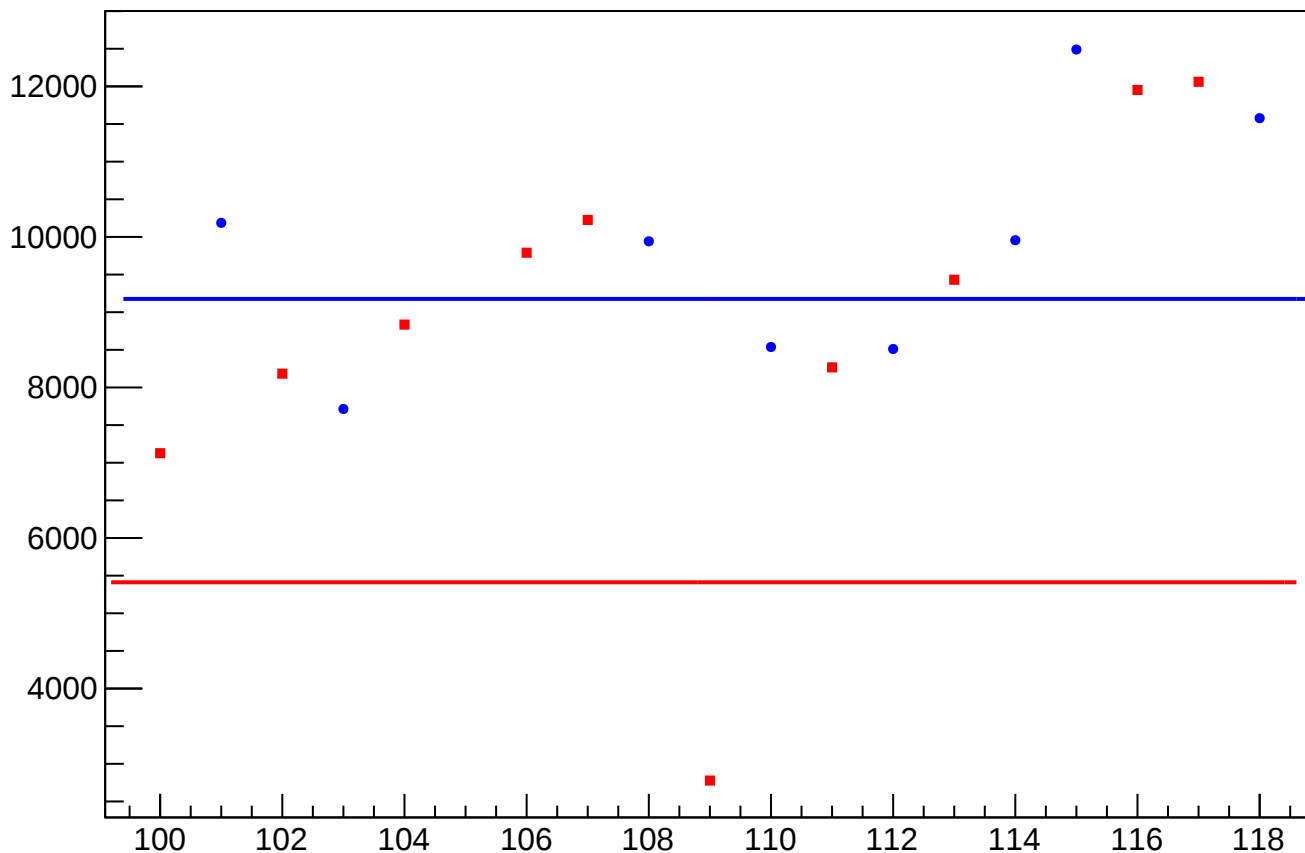
Right Out: 4.550+/-3.476 χ^2/NDF : 11.2/9

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

-0.115+/-5.271 χ^2/NDF : 5.3/7

4.550+/-3.476 χ^2/NDF : 11.2/9

diff_bpm1Y_rms vs Slug



Right In: 9176.561+/-3.727 χ^2/NDF : 129783.7/7

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

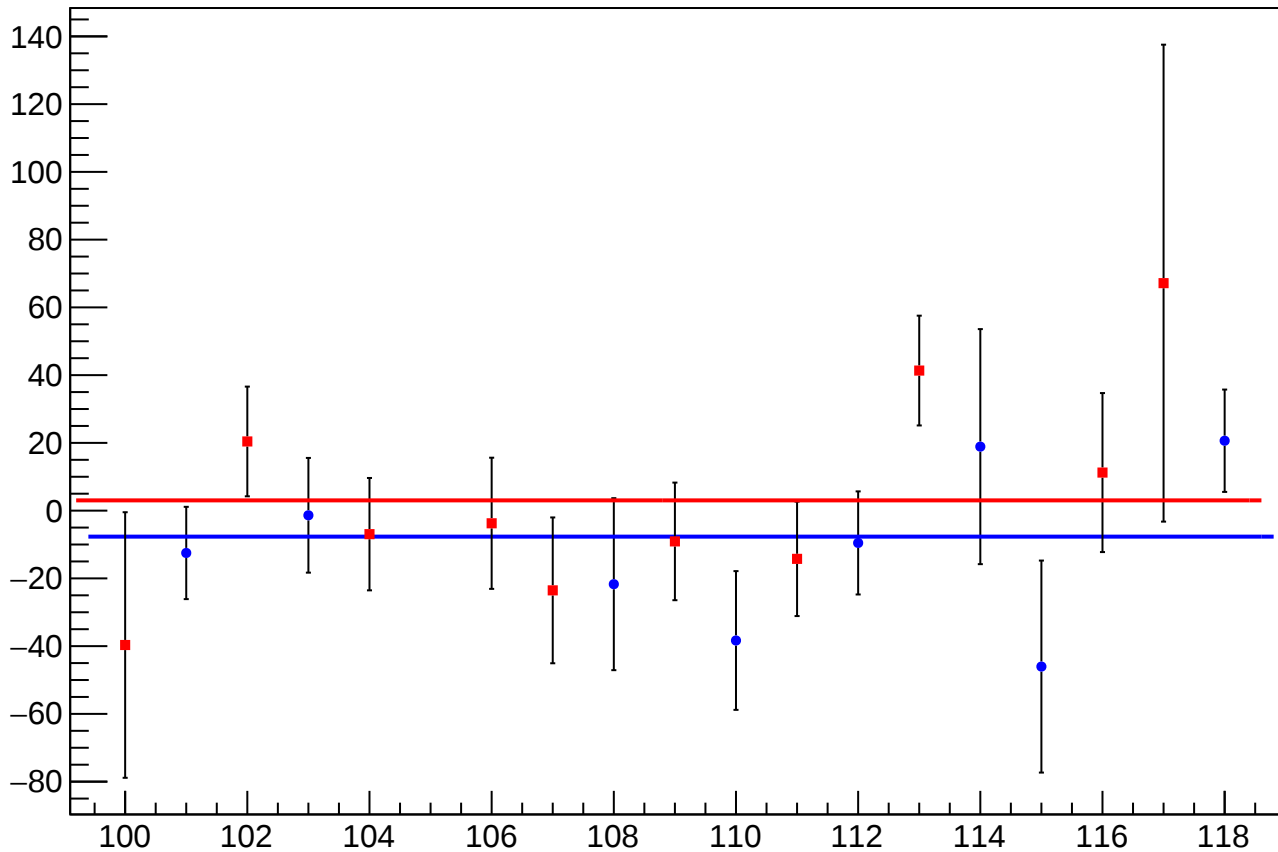
Right Out: 5411.727+/-2.458 χ^2/NDF : 1643465.7/9

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

9176.561+/-3.727 χ^2/NDF : 129783.7/7

5411.727+/-2.458 χ^2/NDF : 1643465.7/9

diff_bpm11X_mean vs Slug



Right In: -7.672+/-6.542 χ^2/NDF : 8.4/7

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

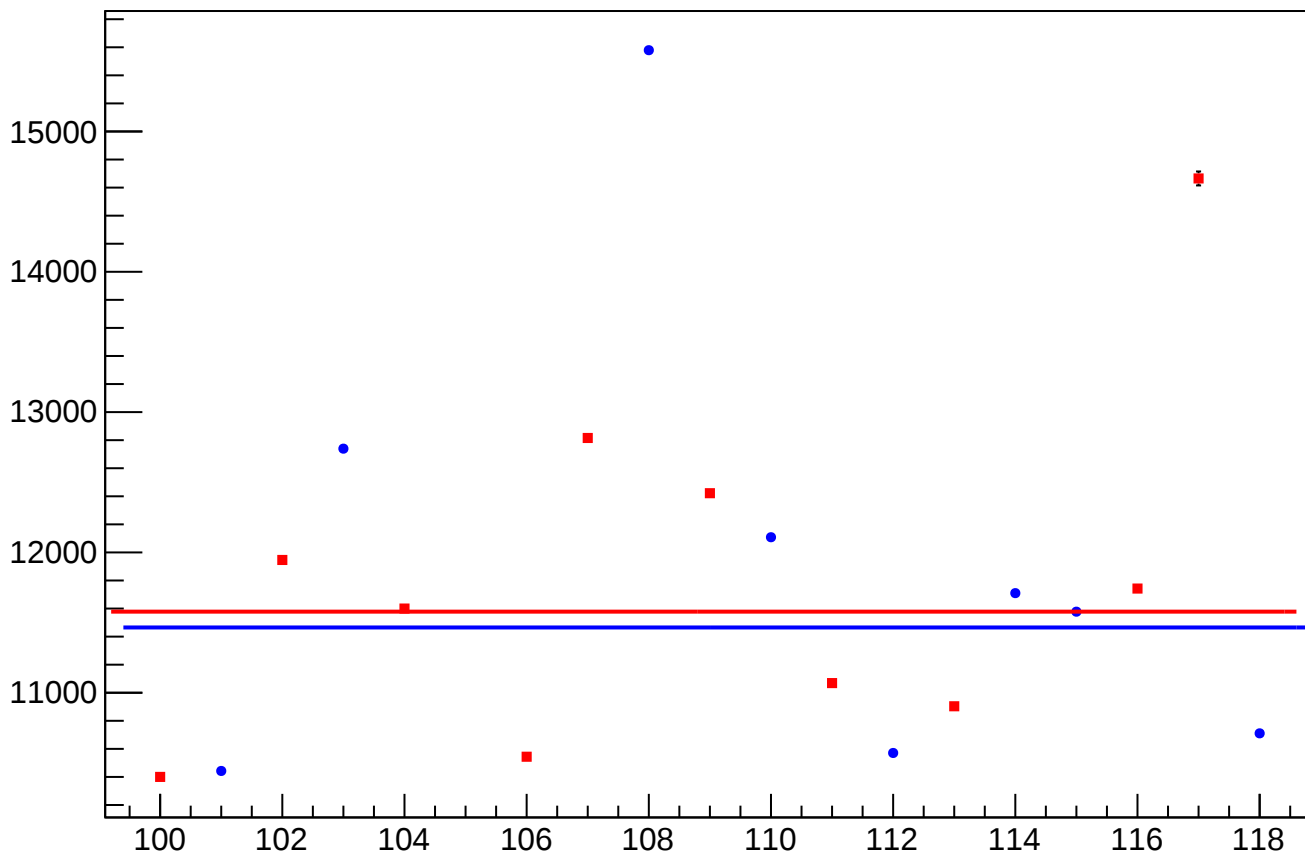
Right Out: 3.028+/-6.253 χ^2/NDF : 12.4/9

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

-7.672+/-6.542 χ^2/NDF : 8.4/7

3.028+/-6.253 χ^2/NDF : 12.4/9

diff_bpm11X_rms vs Slug



Right In: 11465.222+/-4.626 χ^2/NDF : 89126.2/7

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

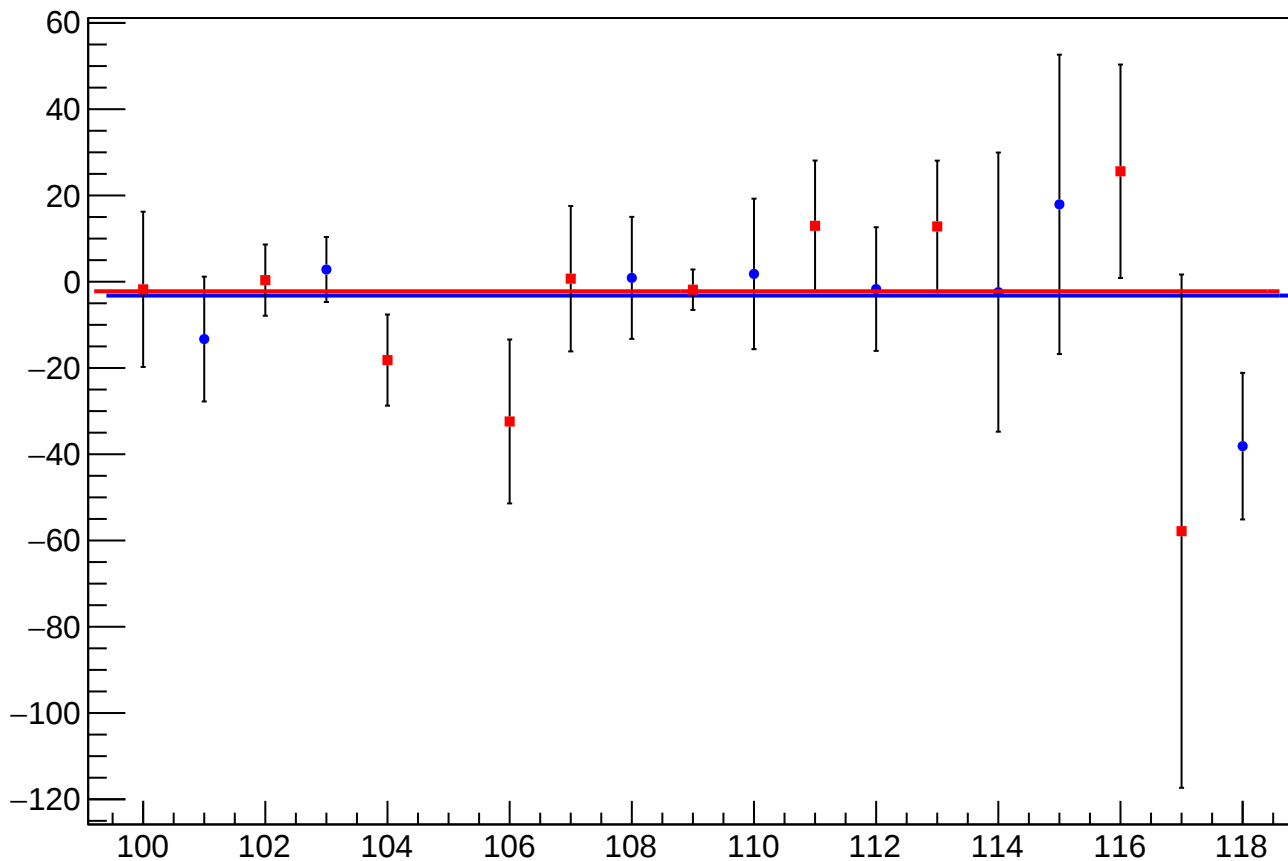
Right Out: 11578.009+/-4.421 χ^2/NDF : 29115.3/9

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

11465.222+/-4.626 χ^2/NDF : 89126.2/7

11578.009+/-4.421 χ^2/NDF : 29115.3/9

diff_bpm11Y_mean vs Slug



Right In: -3.213+/-4.952 χ^2/NDF : 5.9/7

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

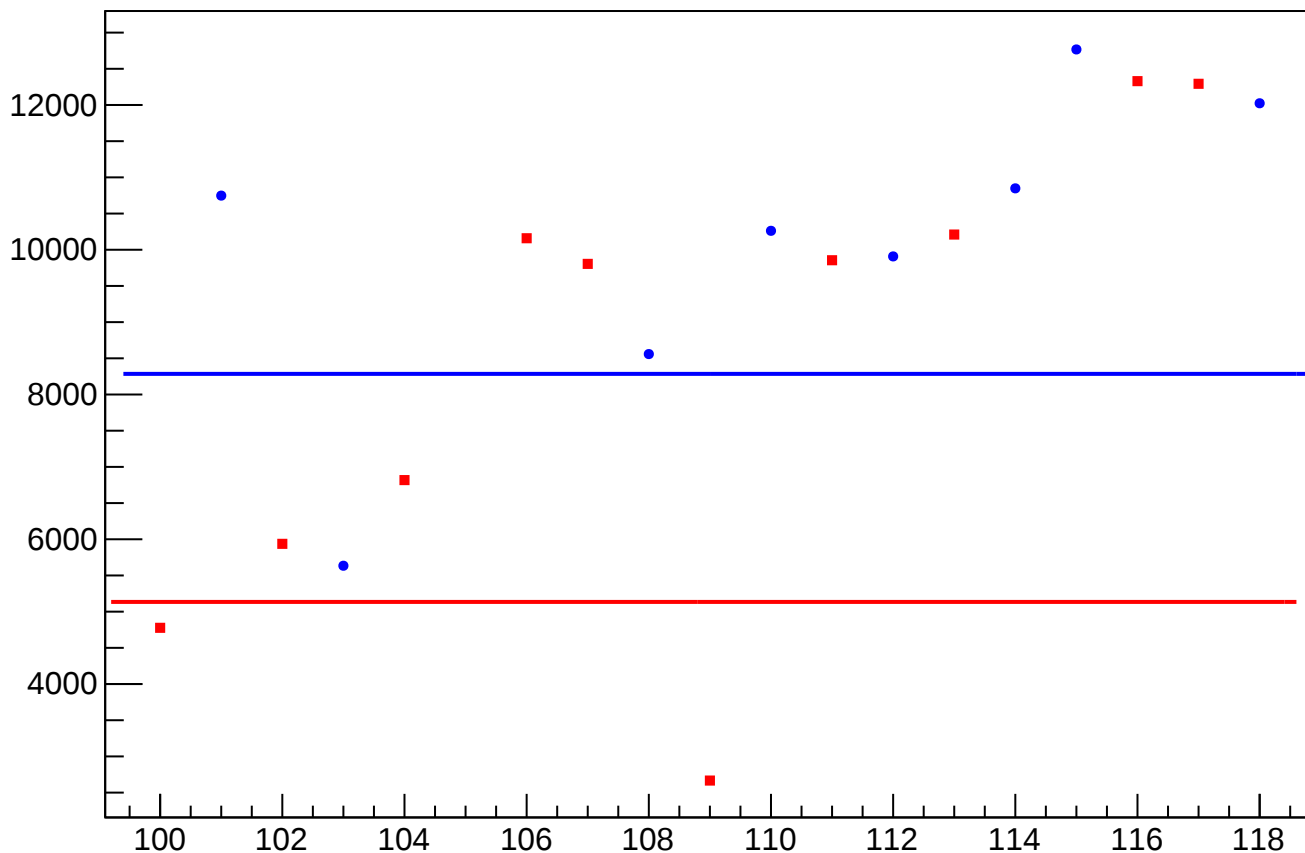
Right Out: -2.212+/-3.350 χ^2/NDF : 9.1/9

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

-3.213+/-4.952 χ^2/NDF : 5.9/7

-2.212+/-3.350 χ^2/NDF : 9.1/9

diff_bpm11Y_rms vs Slug



Right In: 8285.151+/-3.502 χ^2/NDF : 499963.1/7

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

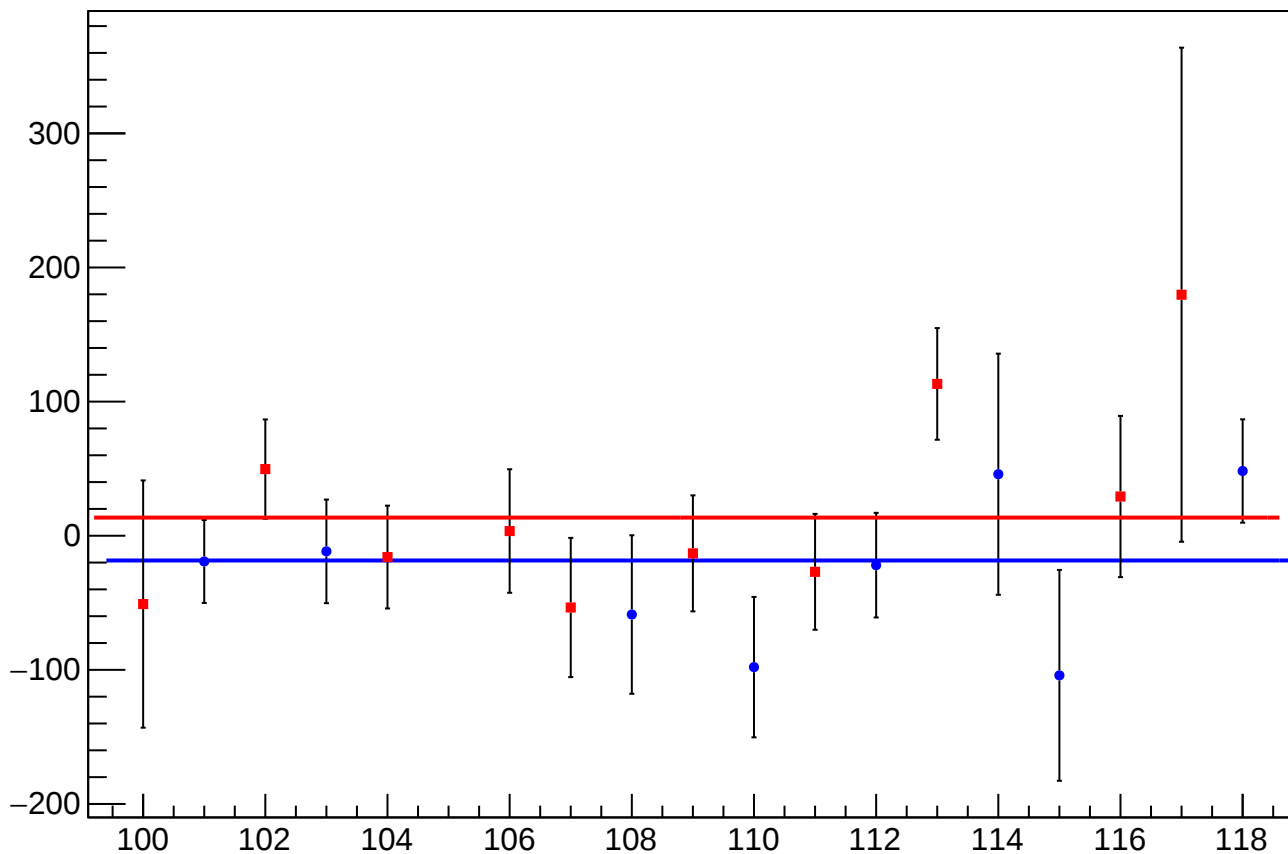
Right Out: 5134.517+/-2.369 χ^2/NDF : 1532373.2/9

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

8285.151+/-3.502 χ^2/NDF : 499963.1/7

5134.517+/-2.369 χ^2/NDF : 1532373.2/9

diff_bpm12X_mean vs Slug



Right In: -18.462 ± 15.845 χ^2/NDF : 7.5/7

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

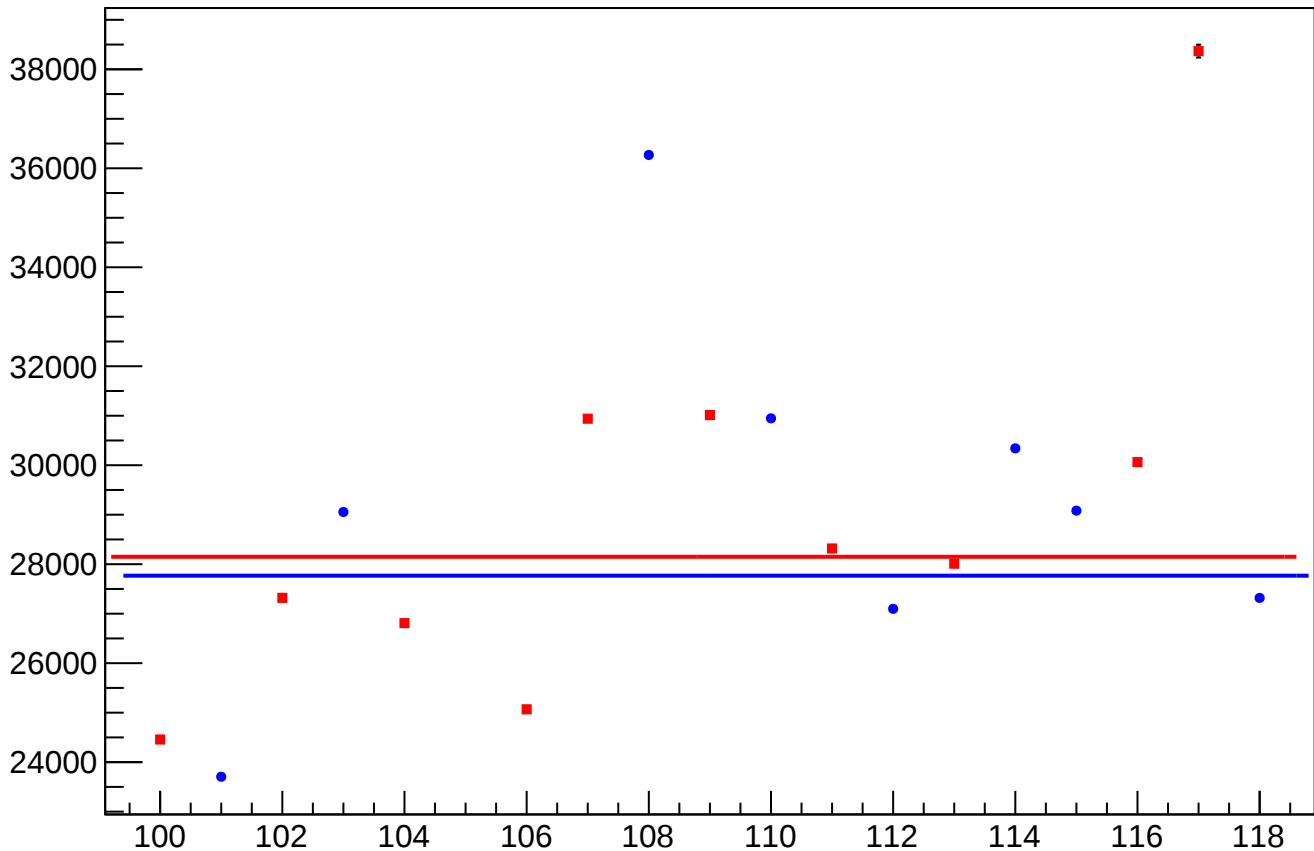
Right Out: 13.528 ± 15.208 χ^2/NDF : 11.6/9

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

-18.462 ± 15.845 χ^2/NDF : 7.5/7

13.528 ± 15.208 χ^2/NDF : 11.6/9

diff_bpm12X_rms vs Slug



Right In: 27767.654 $\pm$ 11.204 χ^2 /NDF: 88532.7/7

27767.654 $\pm$ 11.204 χ^2 /NDF: 88532.7/7

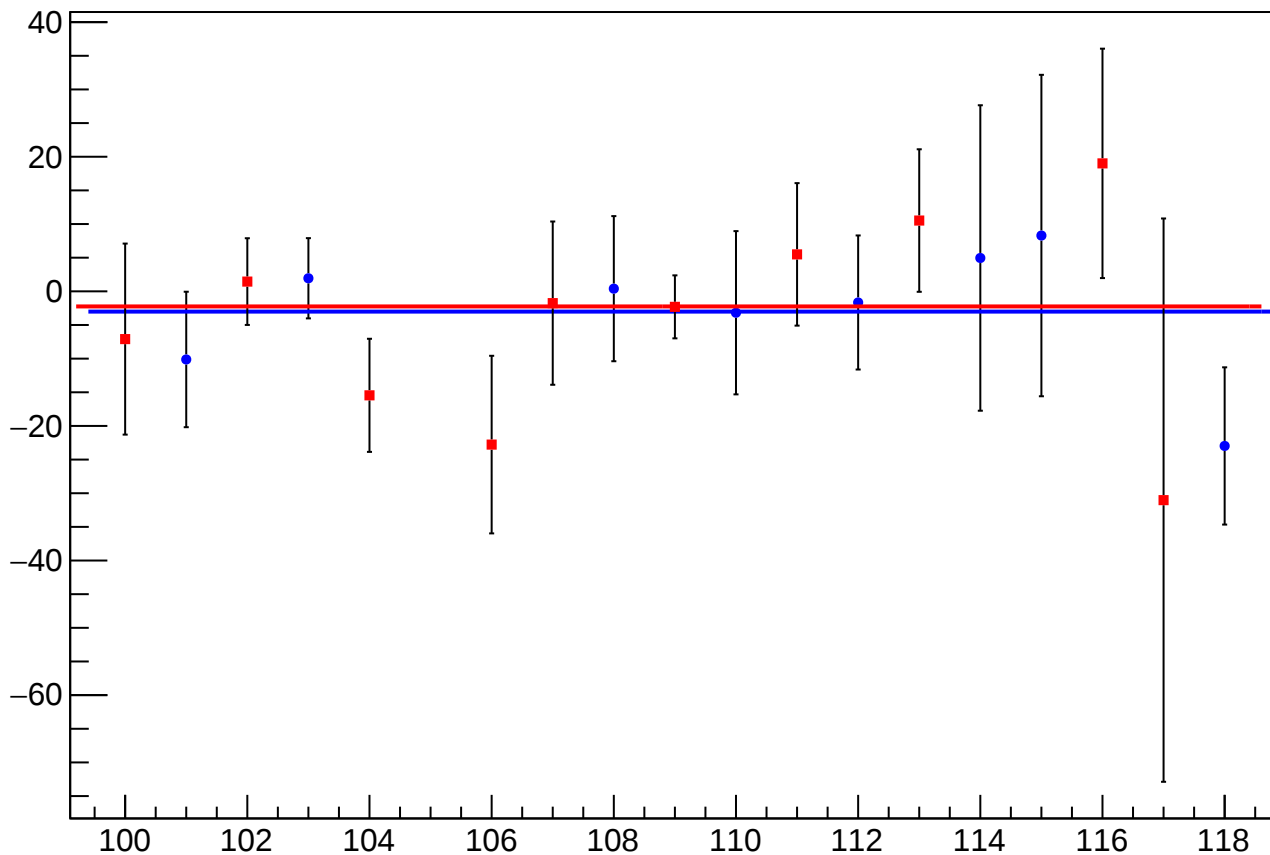
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28149.899 $\pm$ 10.754 χ^2 /NDF: 38390.0/9

28149.899 $\pm$ 10.754 χ^2 /NDF: 38390.0/9

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

diff_bpm12Y_mean vs Slug



Right In: -3.011+/-3.663 χ^2/NDF : 4.6/7

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

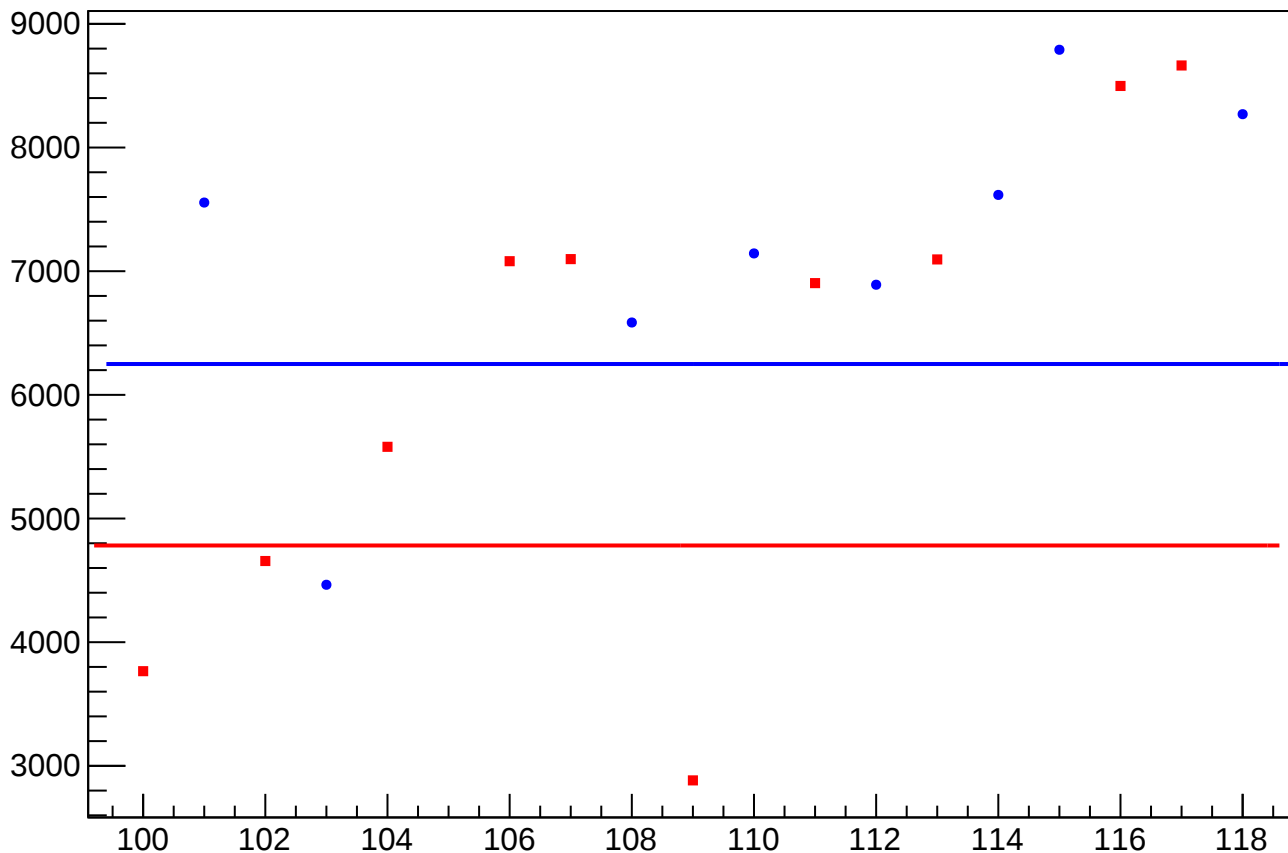
Right Out: -2.244+/-2.848 χ^2/NDF : 9.4/9

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

-3.011+/-3.663 χ^2/NDF : 4.6/7

-2.244+/-2.848 χ^2/NDF : 9.4/9

diff_bpm12Y_rms vs Slug



Right In: 6249.455+/-2.590 χ^2/NDF : 323795.2/7

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

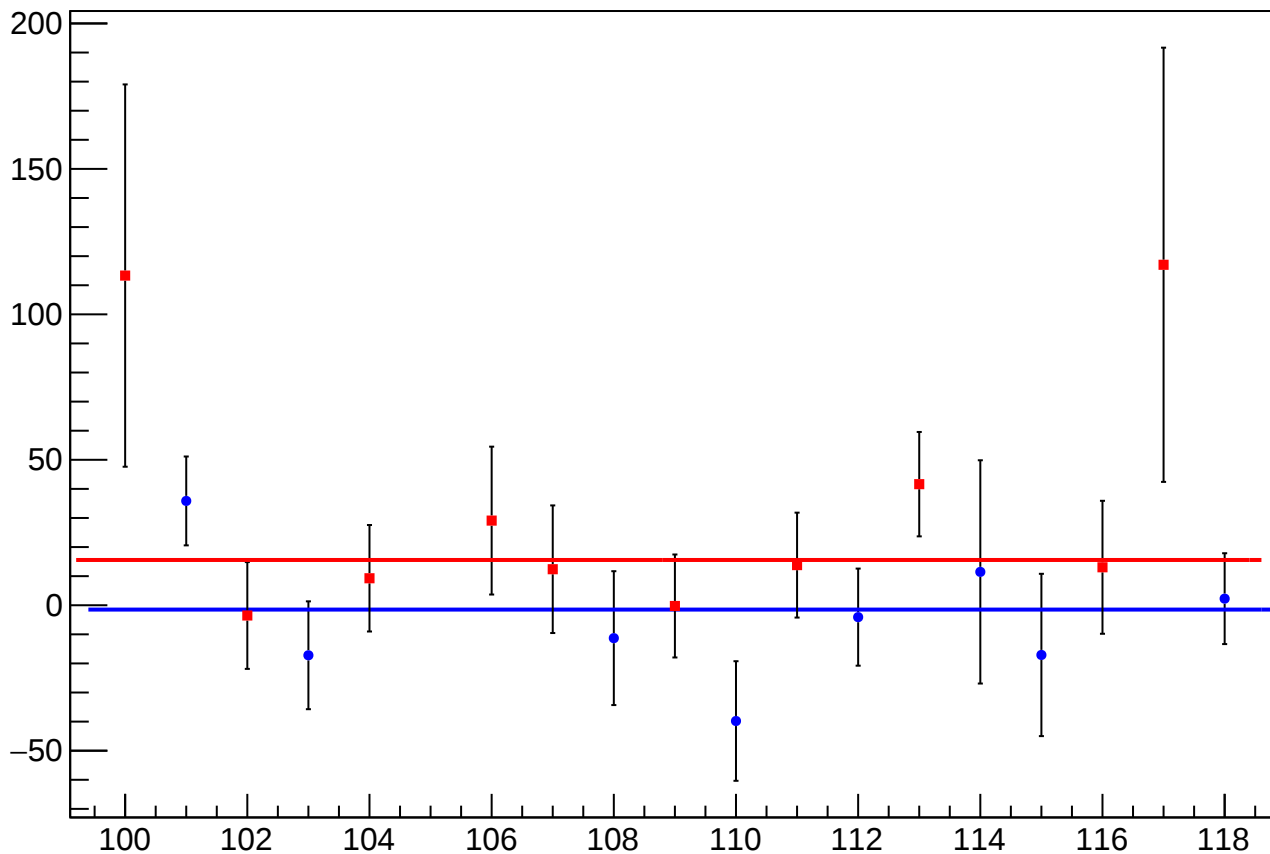
Right Out: 4782.024+/-2.014 χ^2/NDF : 780147.6/9

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

6249.455+/-2.590 χ^2/NDF : 323795.2/7

4782.024+/-2.014 χ^2/NDF : 780147.6/9

diff_bpm16X_mean vs Slug



Right In: -1.489+/-6.883 χ^2/NDF : 10.9/7

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

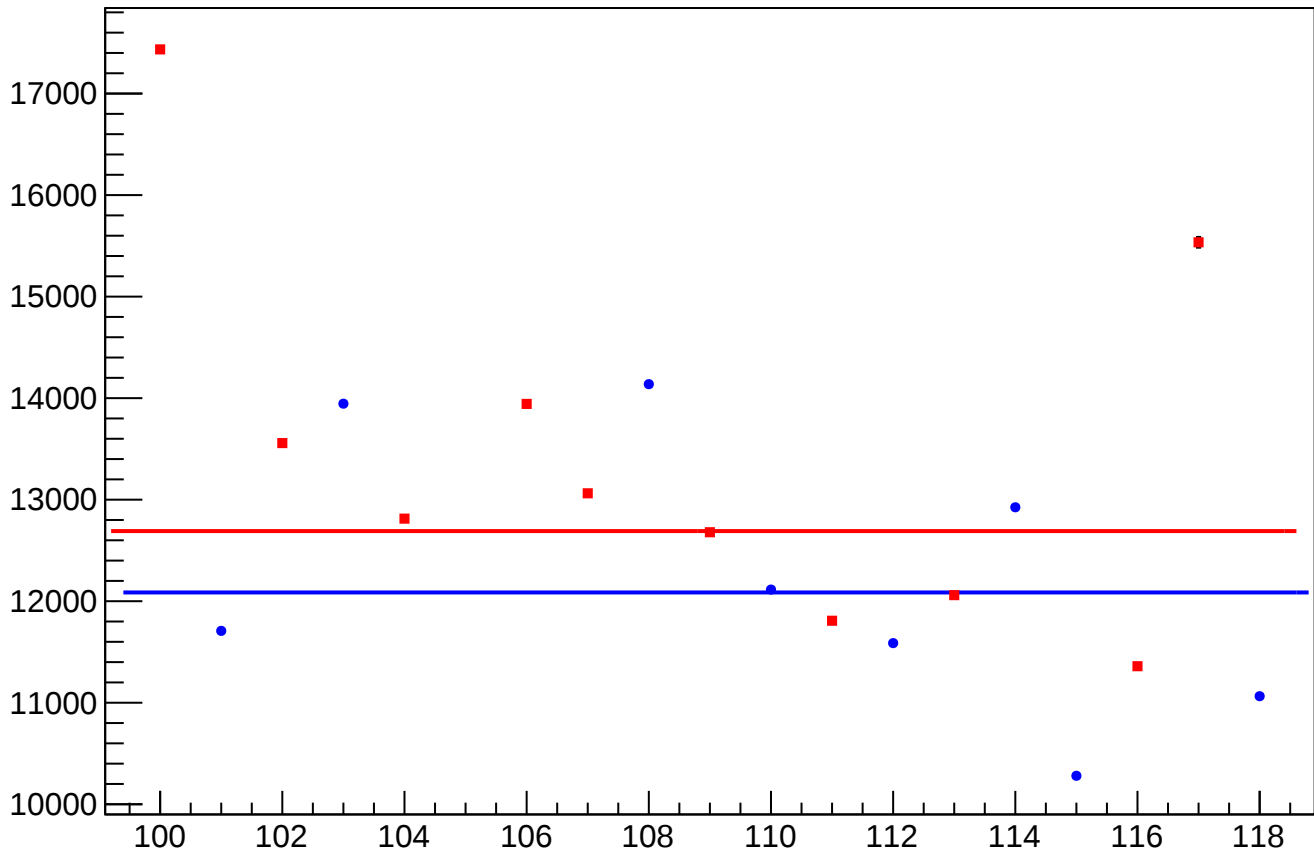
Right Out: 15.563+/-6.855 χ^2/NDF : 8.5/9

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

-1.489+/-6.883 χ^2/NDF : 10.9/7

15.563+/-6.855 χ^2/NDF : 8.5/9

diff_bpm16X_rms vs Slug



Right In: 12086.151+/-4.867 χ^2/NDF : 56942.7/7

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

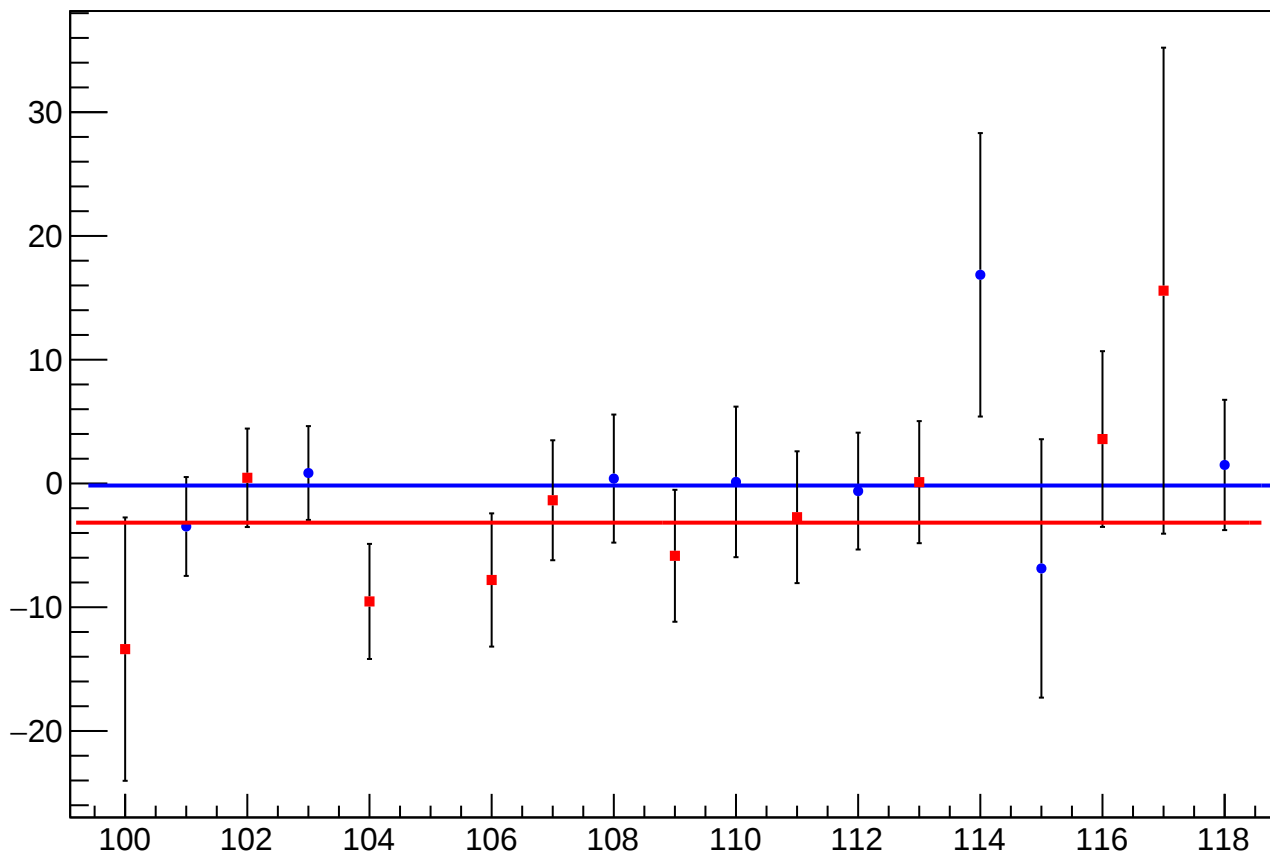
12086.151+/-4.867 χ^2/NDF : 56942.7/7

Right Out: 12690.770+/-4.847 χ^2/NDF : 37366.5/9

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

12690.770+/-4.847 χ^2/NDF : 37366.5/9

diff_bpm16Y_mean vs Slug



Right In: -0.166 ± 1.843 χ^2/NDF : 3.5/7

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

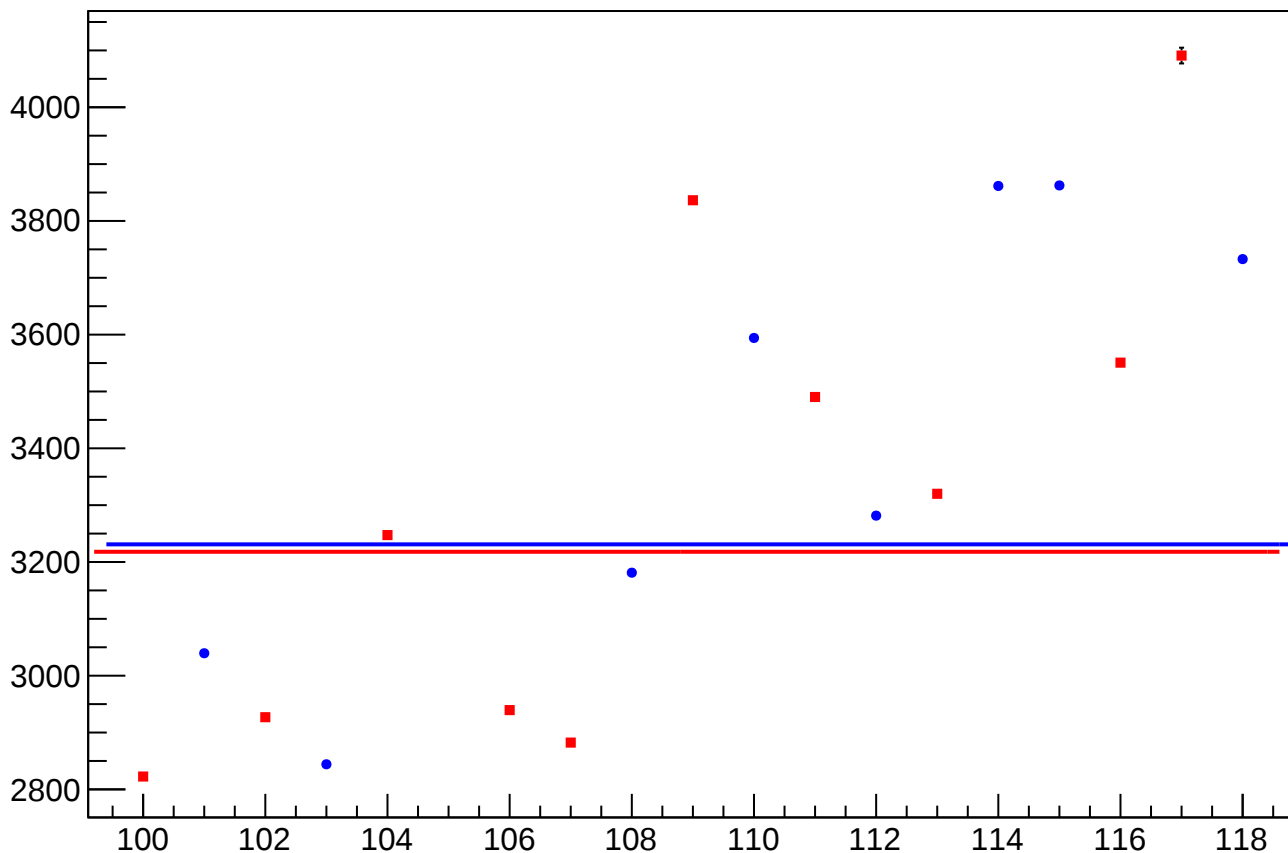
Right Out: -3.167 ± 1.742 χ^2/NDF : 7.0/9

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

-0.166 ± 1.843 χ^2/NDF : 3.5/7

-3.167 ± 1.742 χ^2/NDF : 7.0/9

diff_bpm16Y_rms vs Slug



Right In: 3231.056 $\pm$ 1.303 χ^2 /NDF: 64545.5/7

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

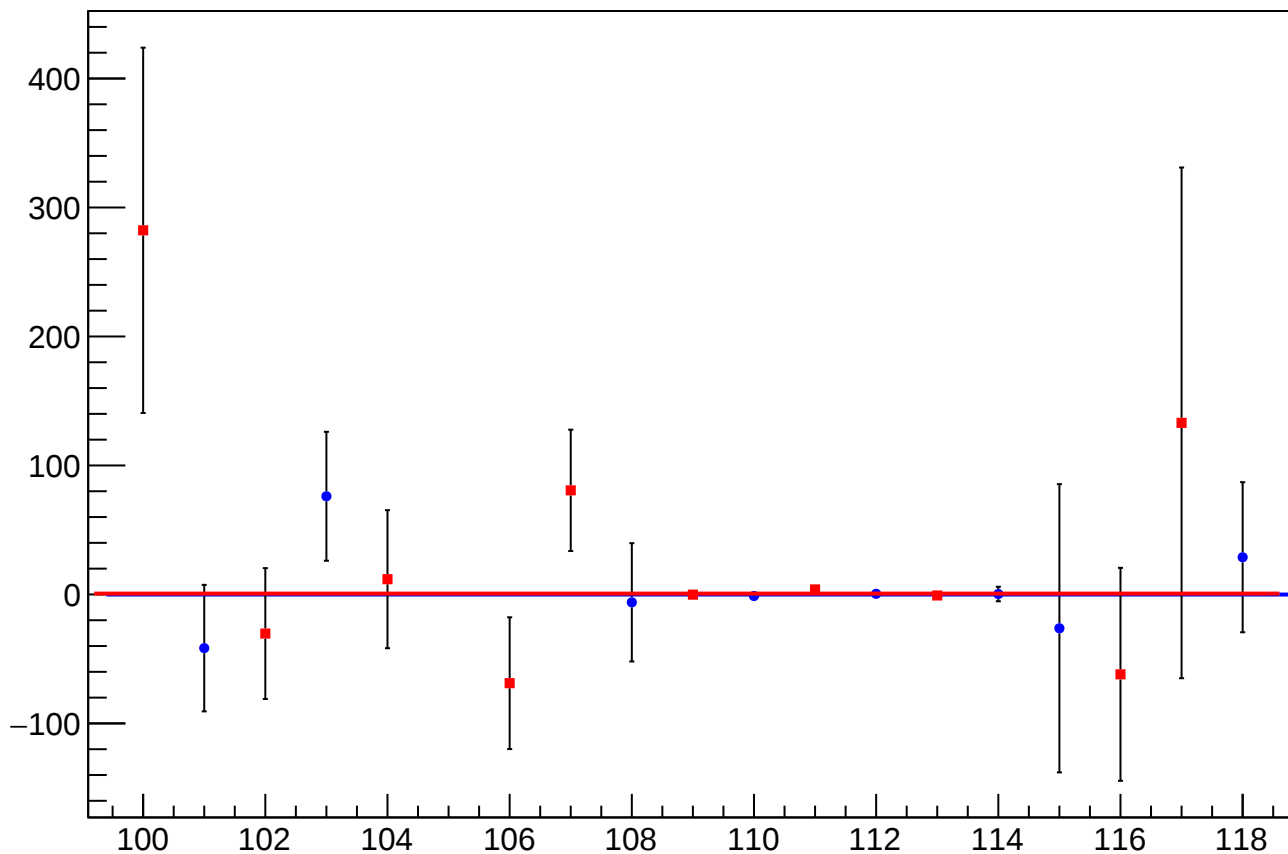
Right Out: 3218.002 $\pm$ 1.232 χ^2 /NDF: 69851.0/9

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

3231.056 $\pm$ 1.303 χ^2 /NDF: 64545.5/7

3218.002 $\pm$ 1.232 χ^2 /NDF: 69851.0/9

diff_bpm1p02bX_mean vs Slug



Right In: -0.085+/-1.874 χ^2 /NDF: 3.5/7

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

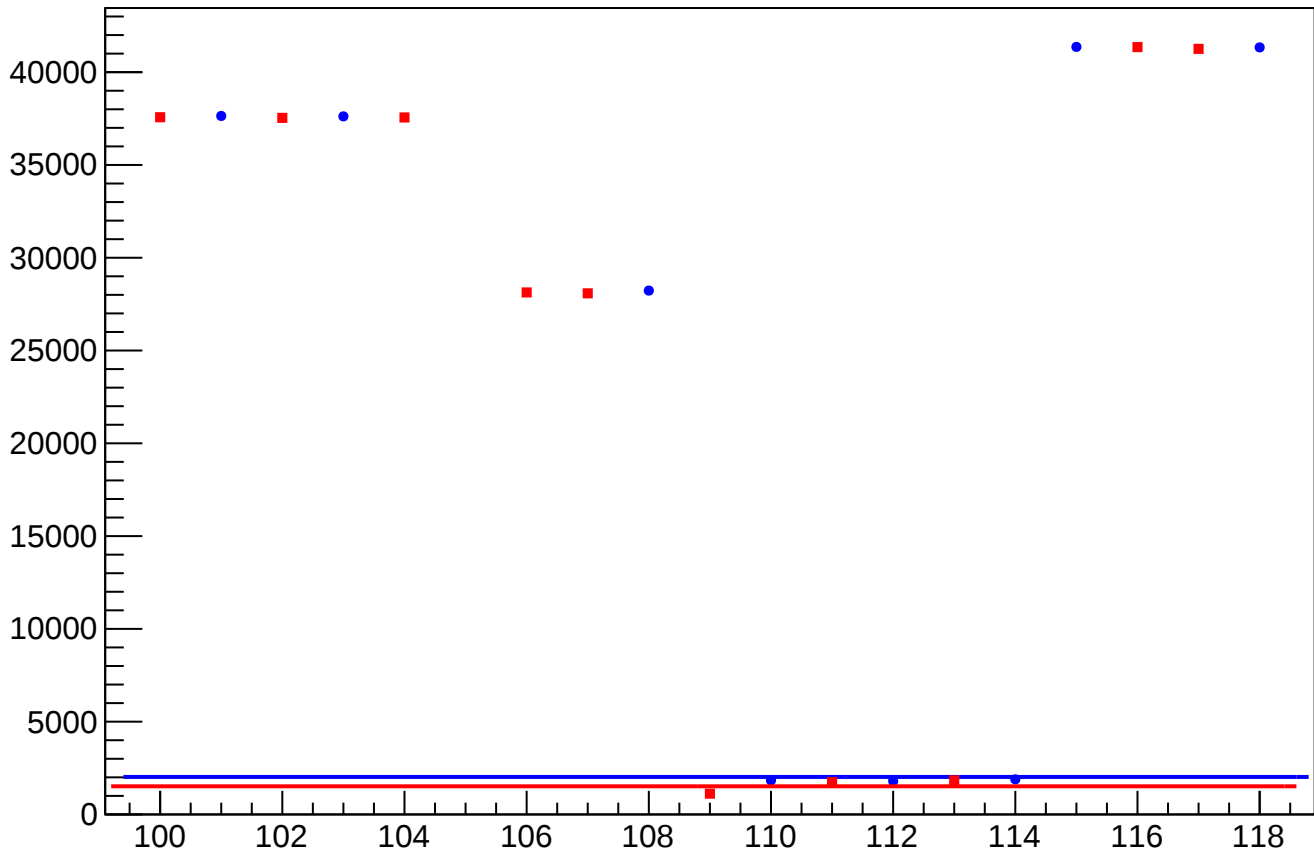
Right Out: 0.654+/-1.280 χ^2 /NDF: 12.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.085+/-1.874 χ^2 /NDF: 3.5/7

0.654+/-1.280 χ^2 /NDF: 12.1/9

diff_bpm1p02bX_rms vs Slug



Right In: 2021.169+/-1.325 χ^2/NDF : 3905909.6/7

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

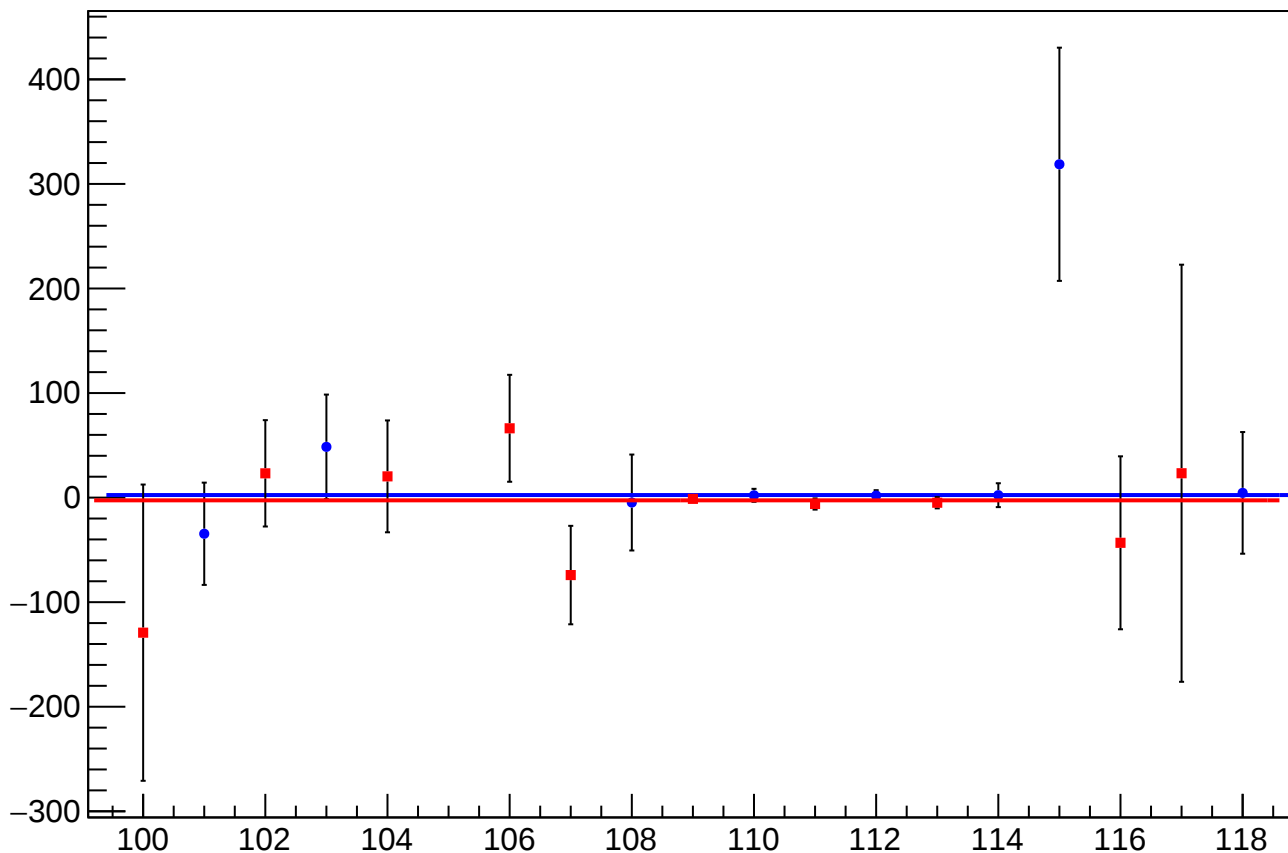
2021.169+/-1.325 χ^2/NDF : 3905909.6/7

Right Out: 1516.865+/-0.905 χ^2/NDF : 3918232.8/9

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

1516.865+/-0.905 χ^2/NDF : 3918232.8/9

diff_bpm1p02bY_mean vs Slug



Right In: 2.453+/-3.688 χ^2/NDF : 9.5/7

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

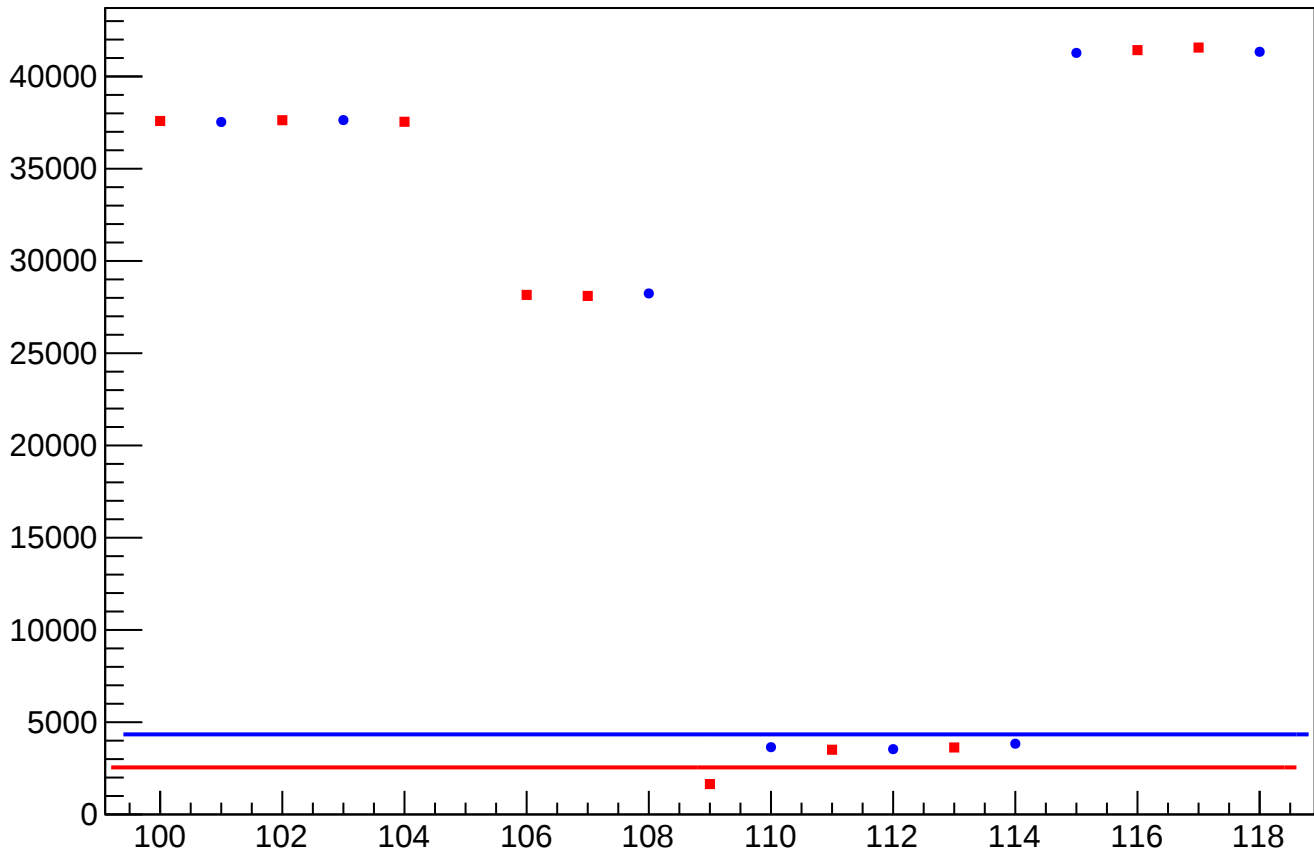
Right Out: -2.612+/-2.185 χ^2/NDF : 6.5/9

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

2.453+/-3.688 χ^2/NDF : 9.5/7

-2.612+/-2.185 χ^2/NDF : 6.5/9

diff_bpm1p02bY_rms vs Slug



Right In: 4340.051+/-2.608 χ^2/NDF : 3456130.9/7

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

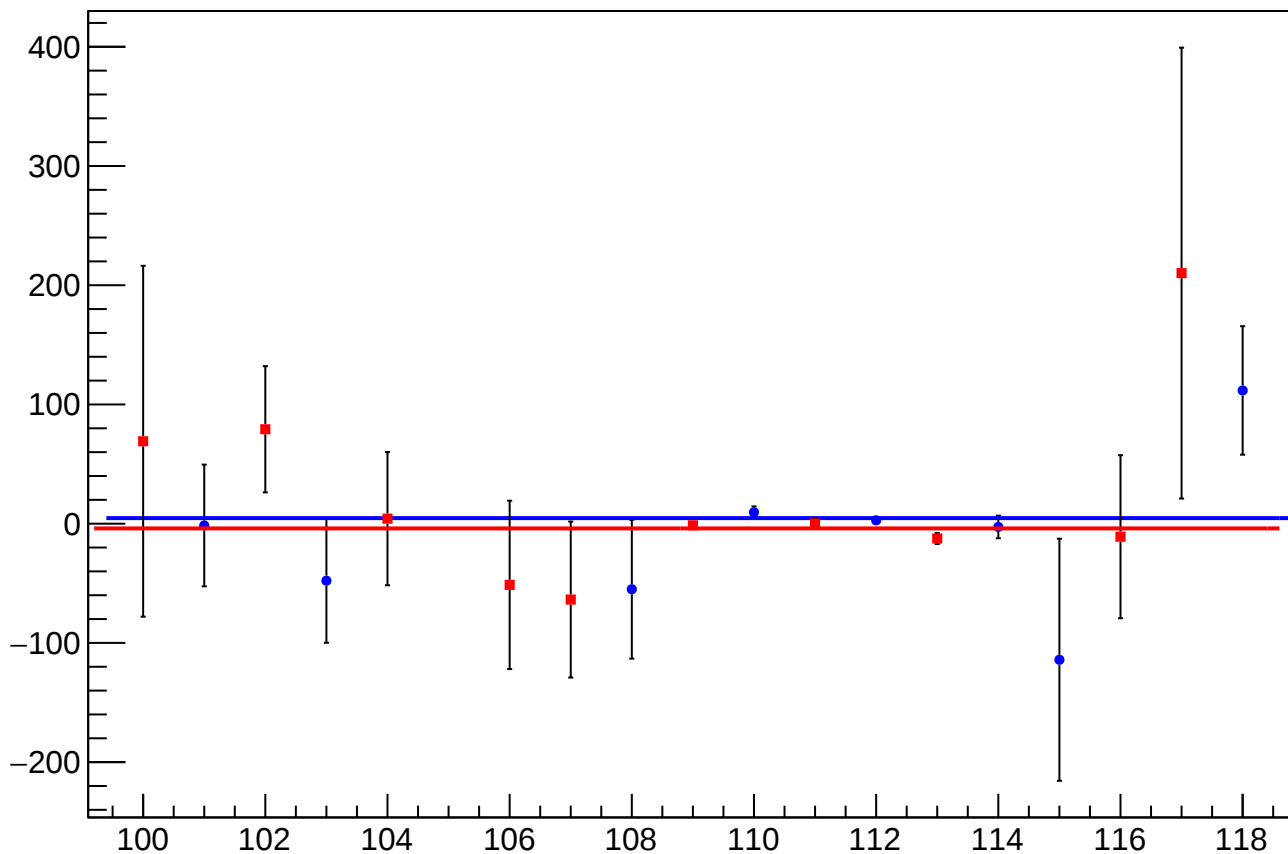
4340.051+/-2.608 χ^2/NDF : 3456130.9/7

Right Out: 2550.303+/-1.545 χ^2/NDF : 3908745.8/9

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

2550.303+/-1.545 χ^2/NDF : 3908745.8/9

diff_bpm1p03aX_mean vs Slug



Right In: 4.671+/-3.013 χ^2/NDF : 9.2/7

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

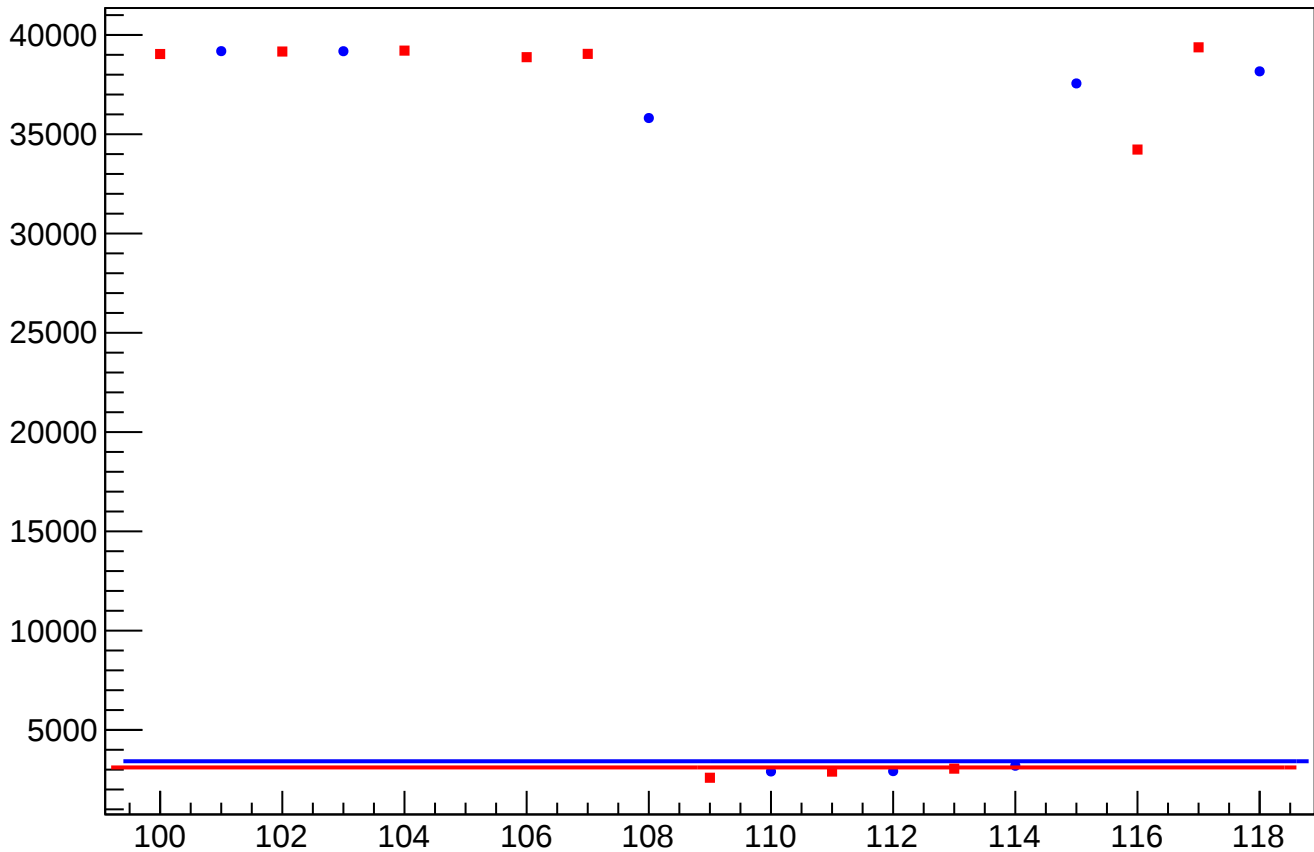
Right Out: -3.965+/-2.427 χ^2/NDF : 10.2/9

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

4.671+/-3.013 χ^2/NDF : 9.2/7

-3.965+/-2.427 χ^2/NDF : 10.2/9

diff_bpm1p03aX_rms vs Slug



Right In: 3422.203+/-2.130 χ^2/NDF : 3651858.5/7

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

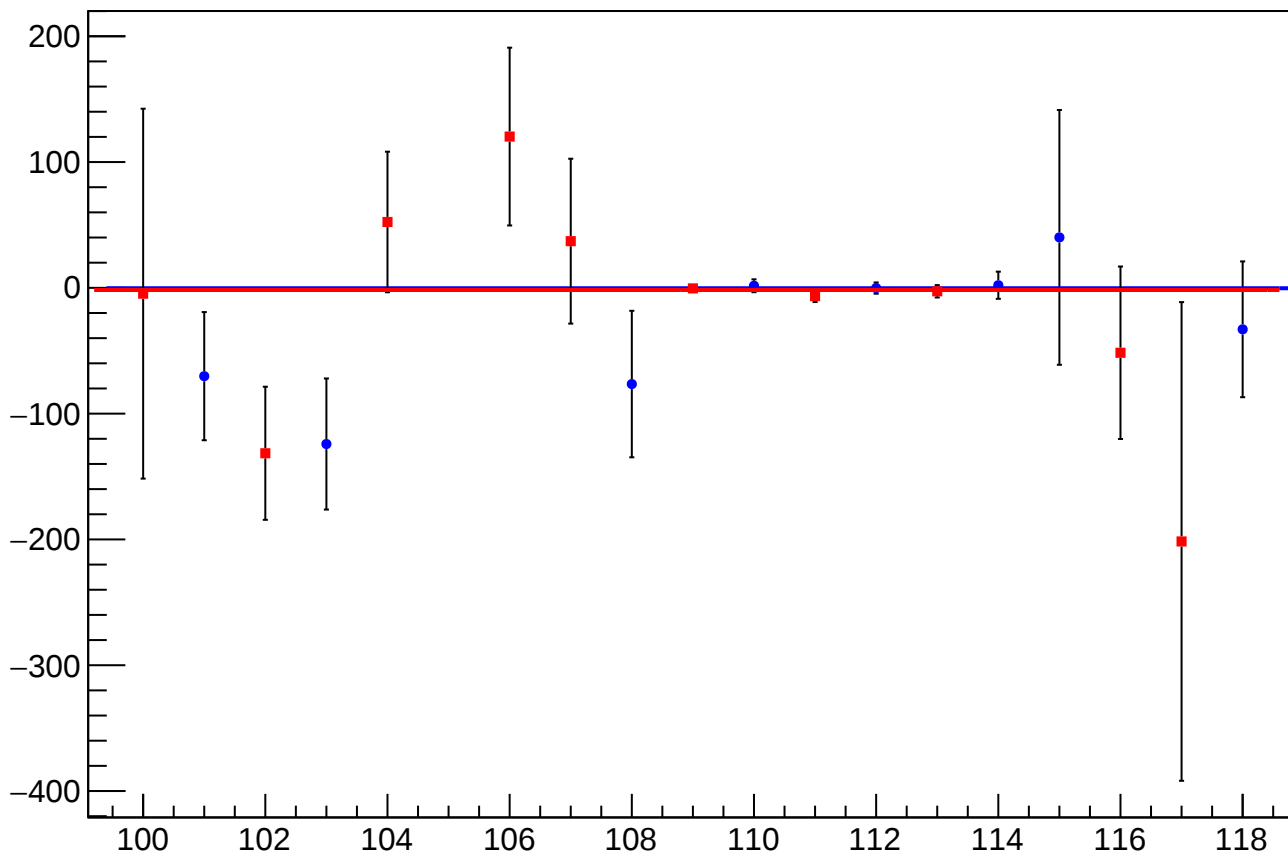
3422.203+/-2.130 χ^2/NDF : 3651858.5/7

Right Out: 3110.409+/-1.716 χ^2/NDF : 3528704.9/9

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

3110.409+/-1.716 χ^2/NDF : 3528704.9/9

diff_bpm1p03aY_mean vs Slug



Right In: -0.319+/-3.191 χ^2/NDF : 10.0/7

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

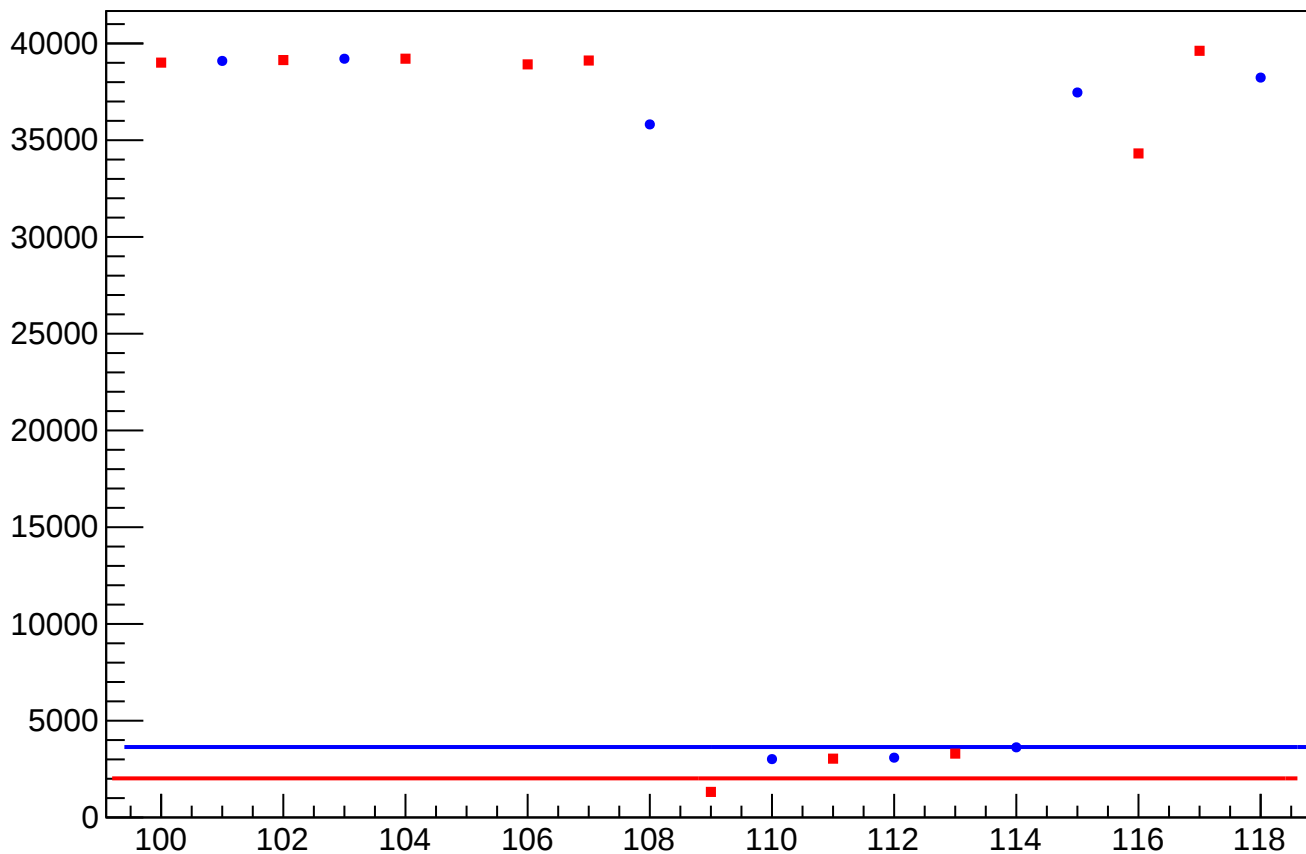
Right Out: -1.708+/-1.824 χ^2/NDF : 13.4/9

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

-0.319+/-3.191 χ^2/NDF : 10.0/7

-1.708+/-1.824 χ^2/NDF : 13.4/9

diff_bpm1p03aY_rms vs Slug



Right In: 3639.744+/-2.257 χ^2/NDF : 3615910.7/7

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

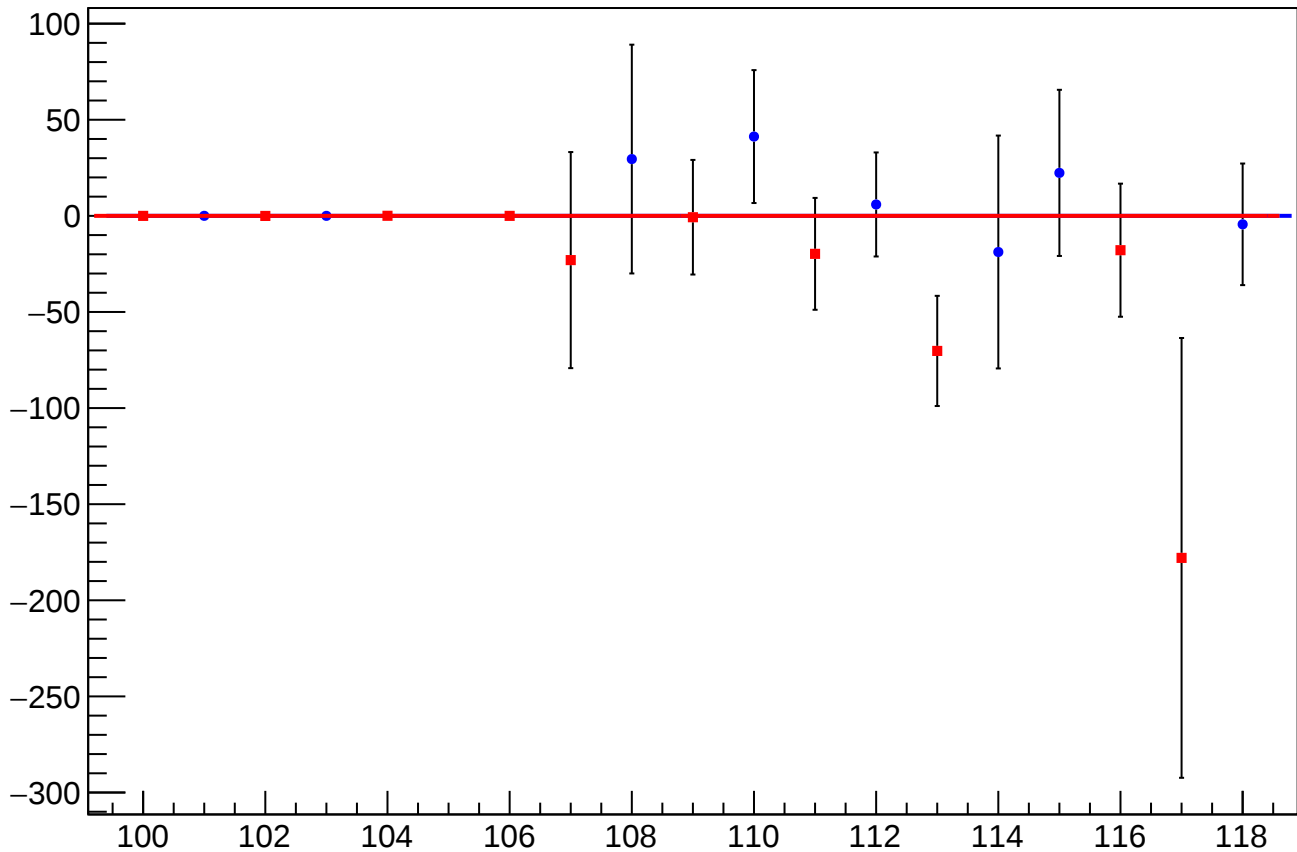
Right Out: 2019.695+/-1.290 χ^2/NDF : 4142029.8/9

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

3639.744+/-2.257 χ^2/NDF : 3615910.7/7

2019.695+/-1.290 χ^2/NDF : 4142029.8/9

diff_cav4bX_mean vs Slug



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/7

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

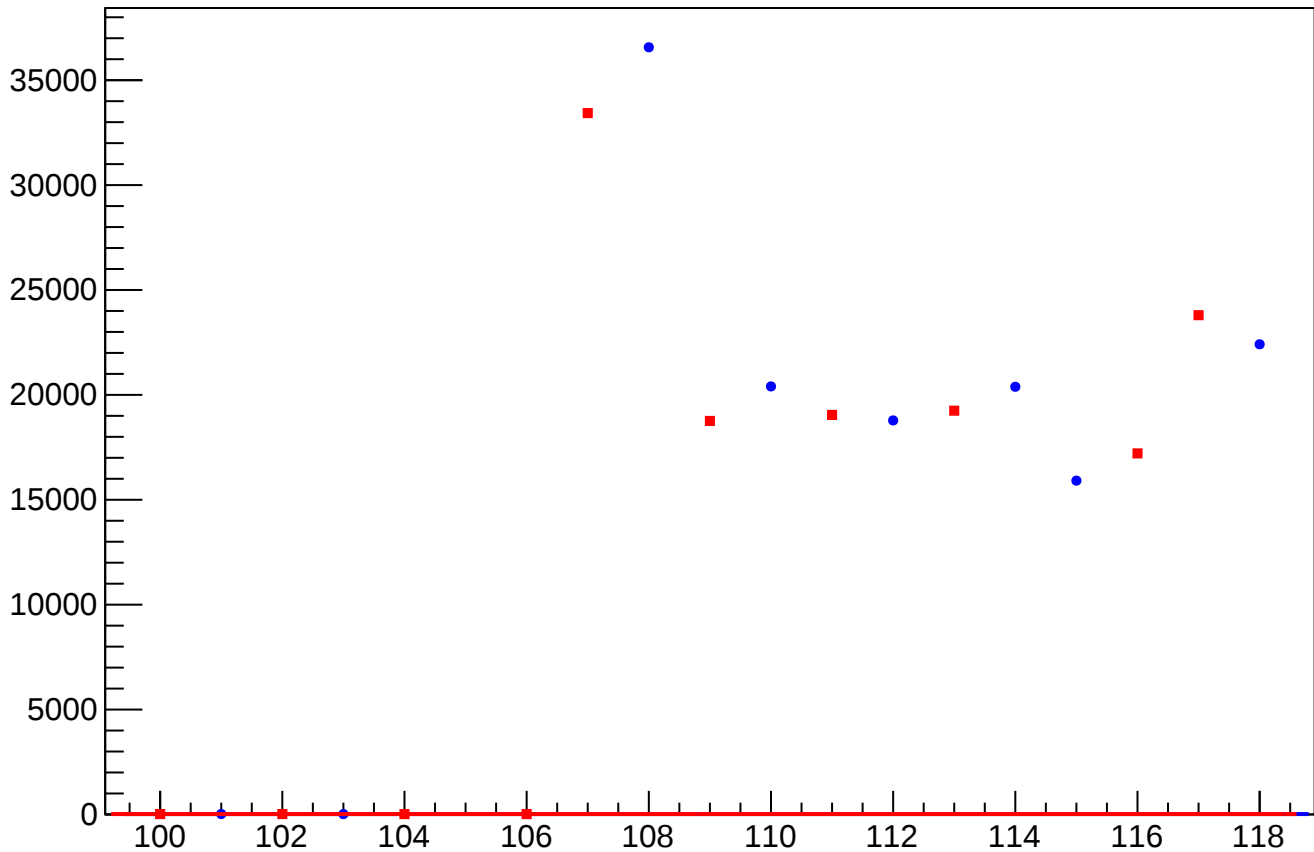
Right Out: 0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/9

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

0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/7

0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/9

diff_cav4bX_rms vs Slug



Right In: 18.587+/-0.012 χ^2/NDF : 3922328.8/7

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

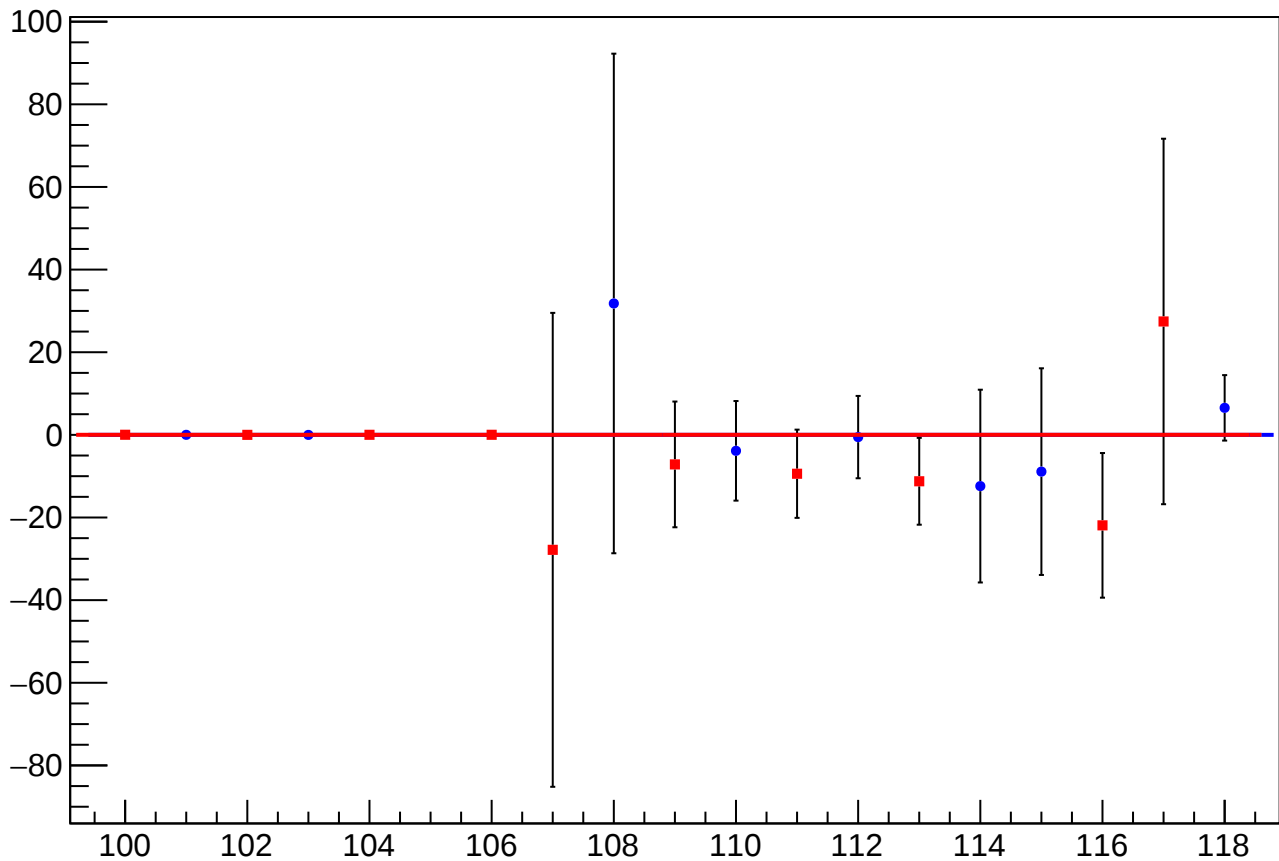
Right Out: 18.266+/-0.011 χ^2/NDF : 3844519.4/9

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

18.587+/-0.012 χ^2/NDF : 3922328.8/7

18.266+/-0.011 χ^2/NDF : 3844519.4/9

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 2.6/7

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

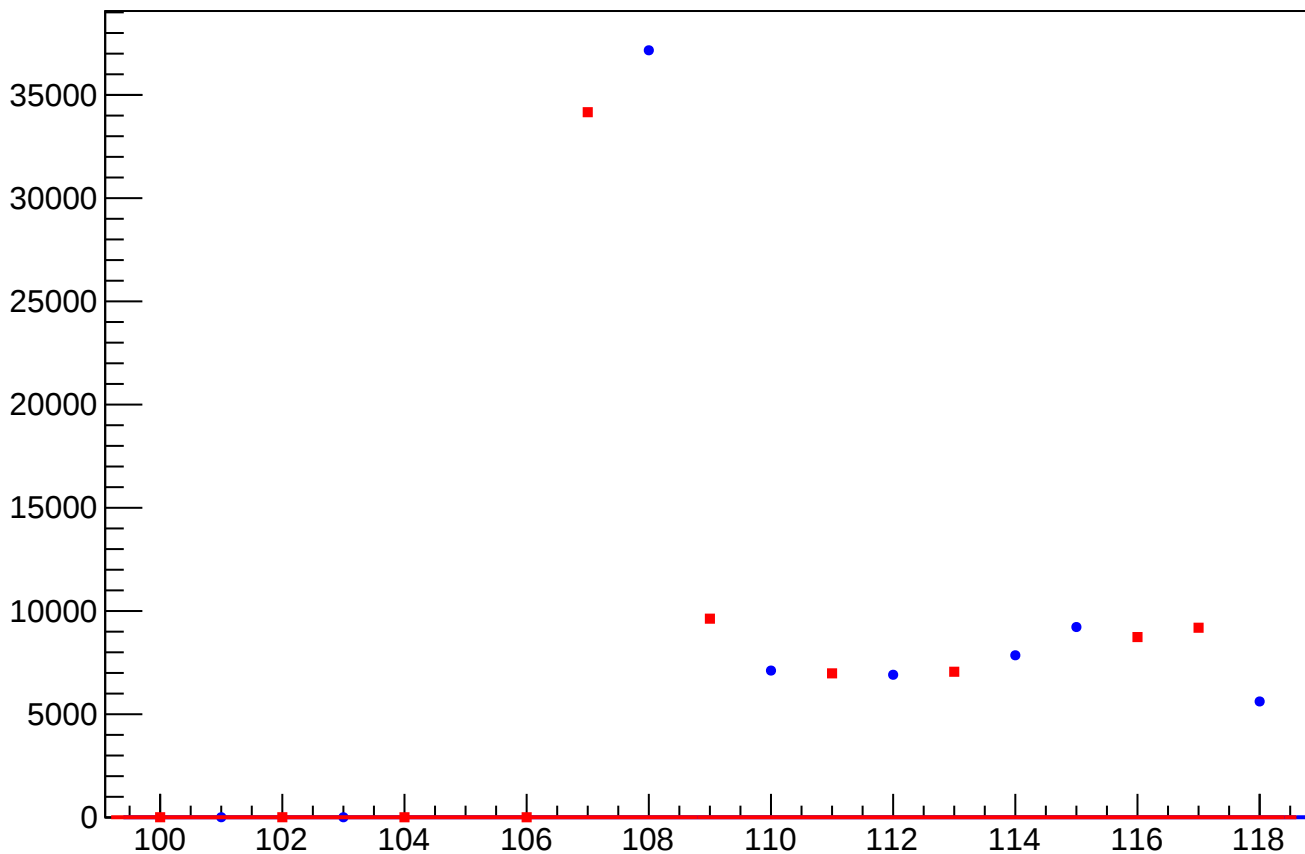
Right Out: 0.014+/-0.009 χ^2/NDF : 5.0/9

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

0.001+/-0.009 χ^2/NDF : 2.6/7

0.014+/-0.009 χ^2/NDF : 5.0/9

diff_cav4bY_rms vs Slug



Right In: 9.876+/-0.007 χ^2/NDF : 3921418.5/7

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

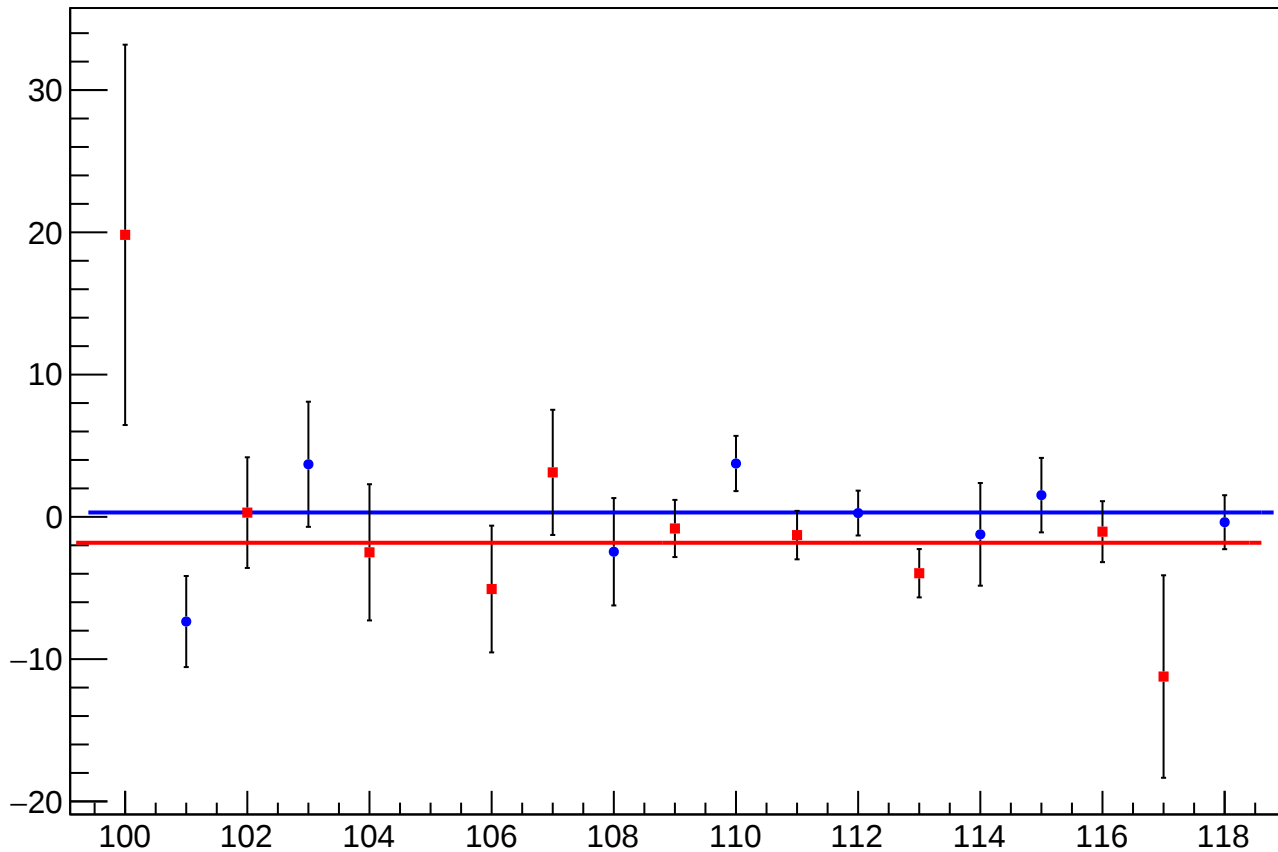
Right Out: 9.796+/-0.006 χ^2/NDF : 3858362.2/9

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

9.876+/-0.007 χ^2/NDF : 3921418.5/7

9.796+/-0.006 χ^2/NDF : 3858362.2/9

diff_cav4cX_mean vs Slug



Right In: 0.308 $\pm$ 0.849 χ^2 /NDF: 10.5/7

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

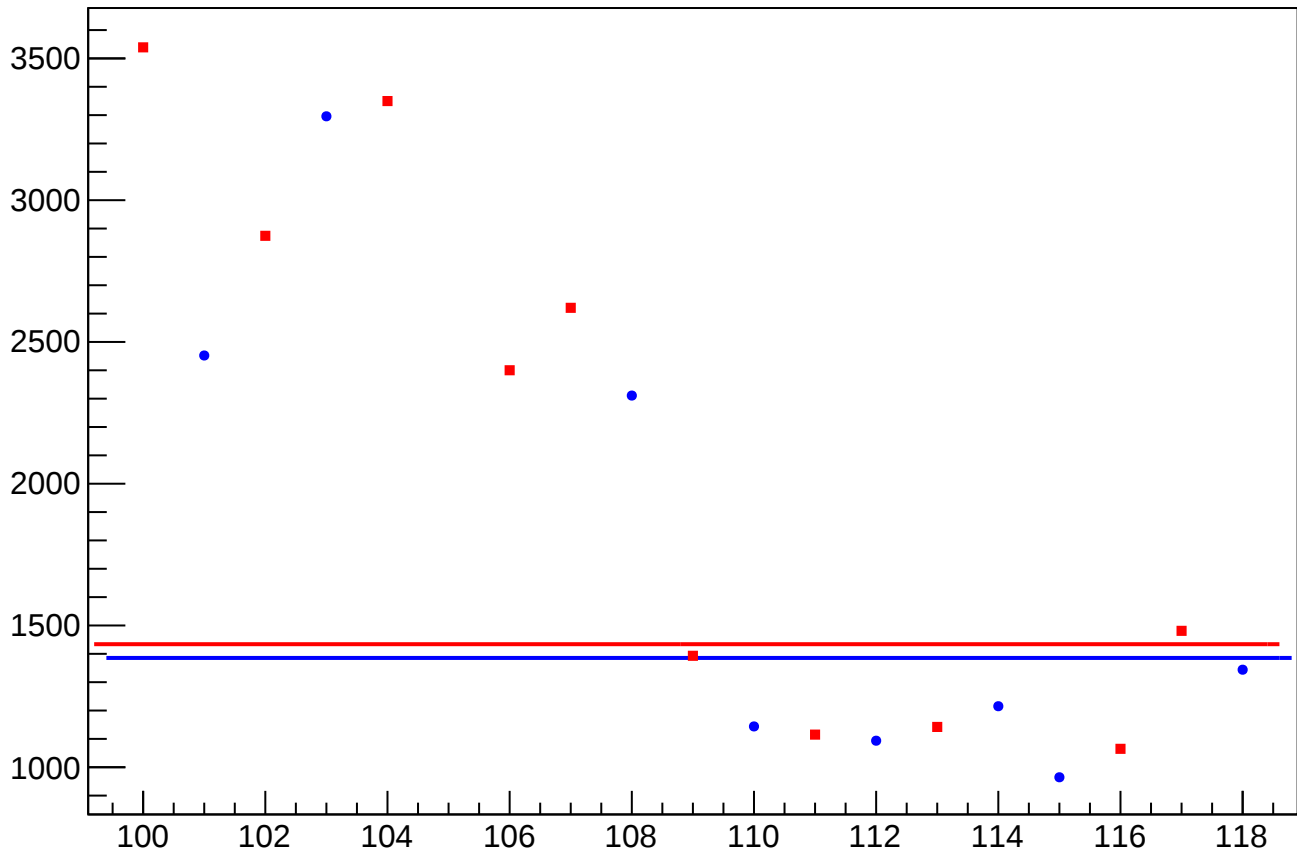
Right Out: -1.820 $\pm$ 0.847 χ^2 /NDF: 8.6/9

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

0.308 $\pm$ 0.849 χ^2 /NDF: 10.5/7

-1.820 $\pm$ 0.847 χ^2 /NDF: 8.6/9

diff_cav4cX_rms vs Slug



Right In: 1385.506 $\pm$ 0.600 χ^2 /NDF: 876382.8/7

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

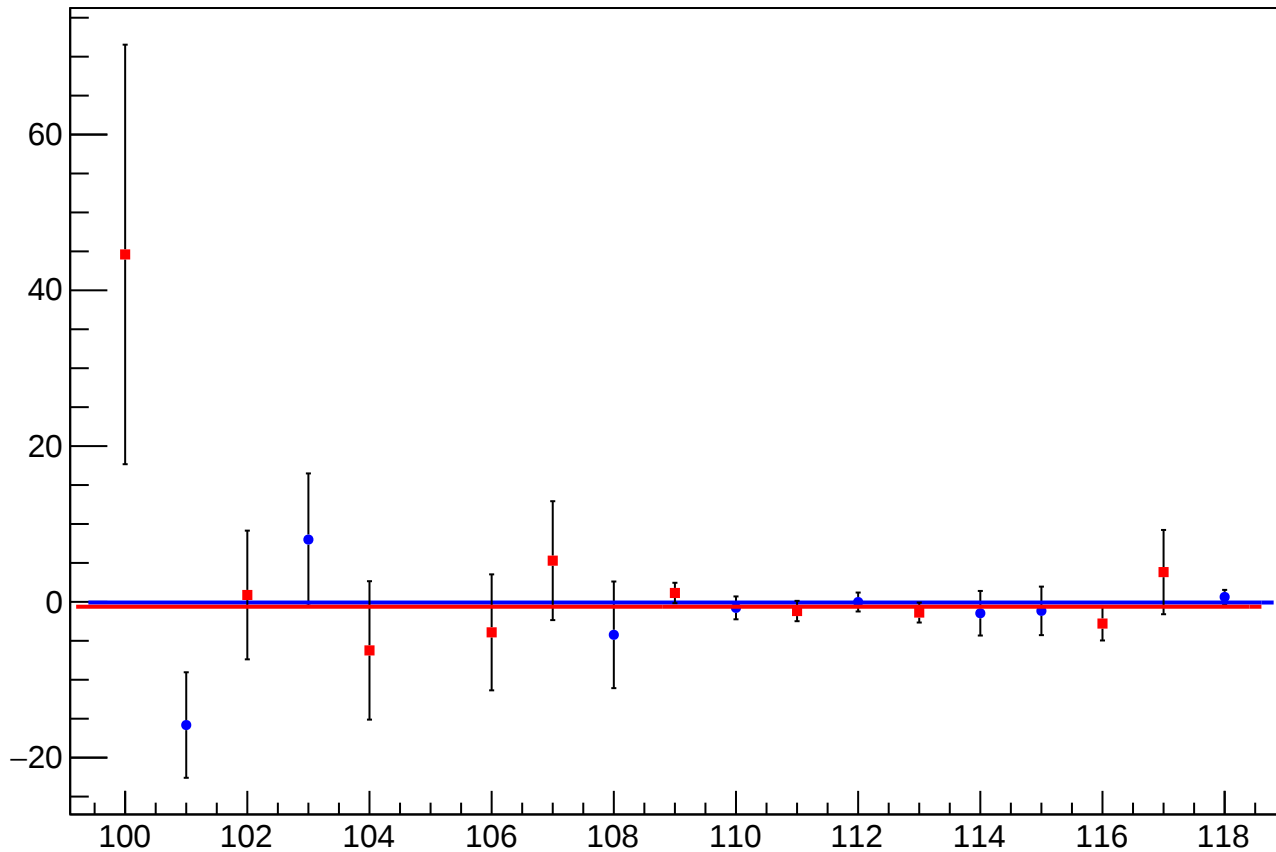
1385.506 $\pm$ 0.600 χ^2 /NDF: 876382.8/7

Right Out: 1433.994 $\pm$ 0.599 χ^2 /NDF: 1073113.8/9

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

1433.994 $\pm$ 0.599 χ^2 /NDF: 1073113.8/9

diff_cav4cY_mean vs Slug



Right In: -0.084+/-0.615 χ^2 /NDF: 7.9/7

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

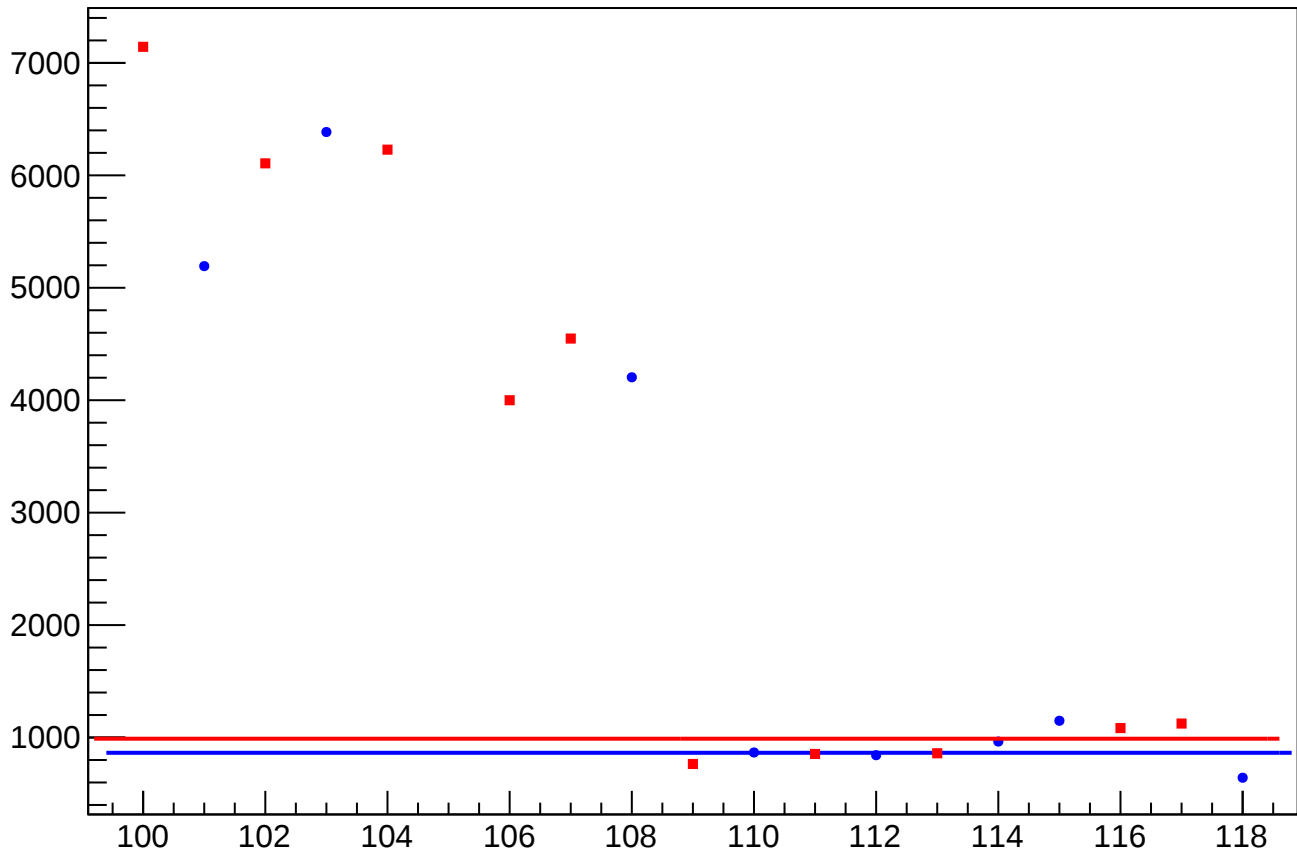
Right Out: -0.624+/-0.691 χ^2 /NDF: 8.1/9

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

-0.084+/-0.615 χ^2 /NDF: 7.9/7

-0.624+/-0.691 χ^2 /NDF: 8.1/9

diff_cav4cY_rms vs Slug



Right In: 864.124+/-0.435 χ^2/NDF : 2277536.7/7

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

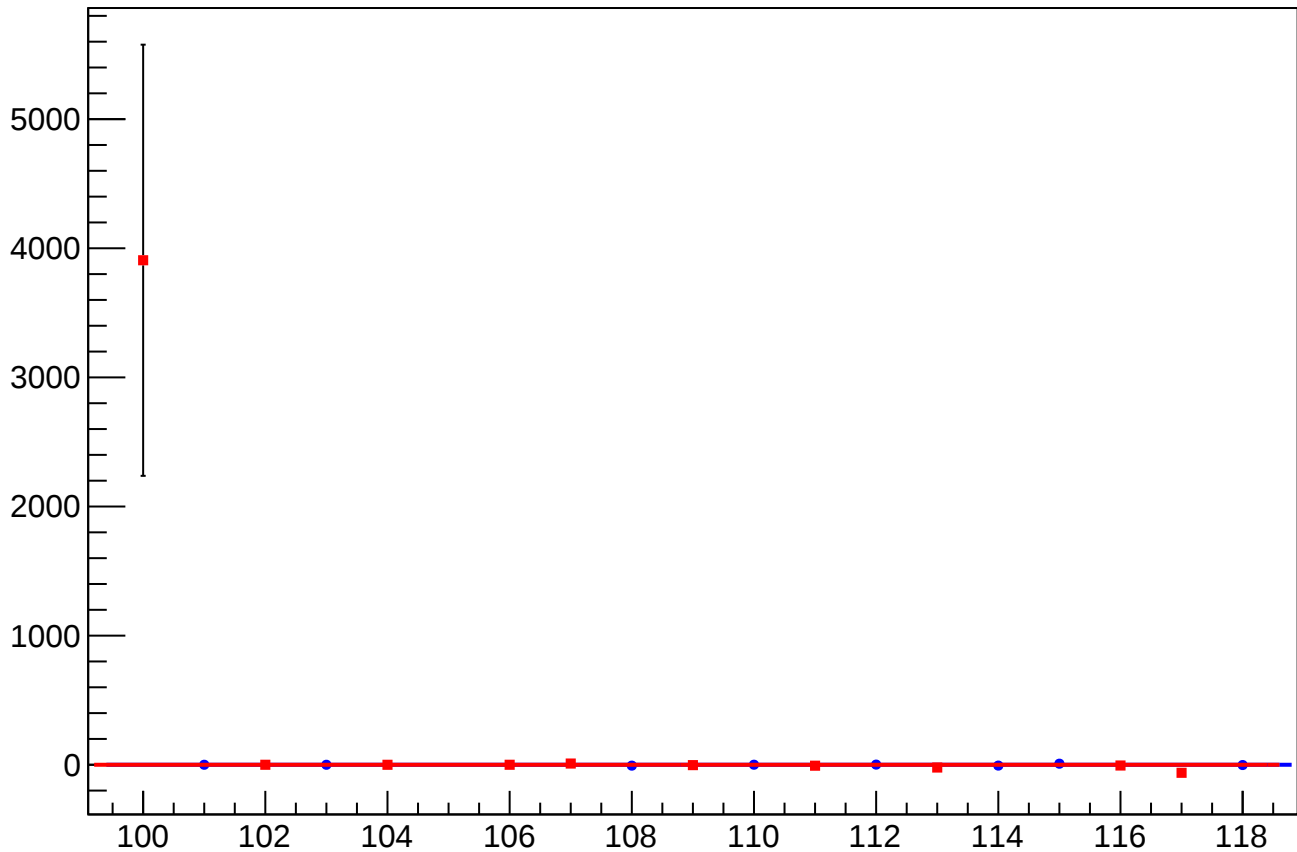
864.124+/-0.435 χ^2/NDF : 2277536.7/7

Right Out: 989.318+/-0.489 χ^2/NDF : 2434603.9/9

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

989.318+/-0.489 χ^2/NDF : 2434603.9/9

diff_cav4dX_mean vs Slug



Right In: -0.021+/-0.021 χ^2 /NDF: 1.5/7

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

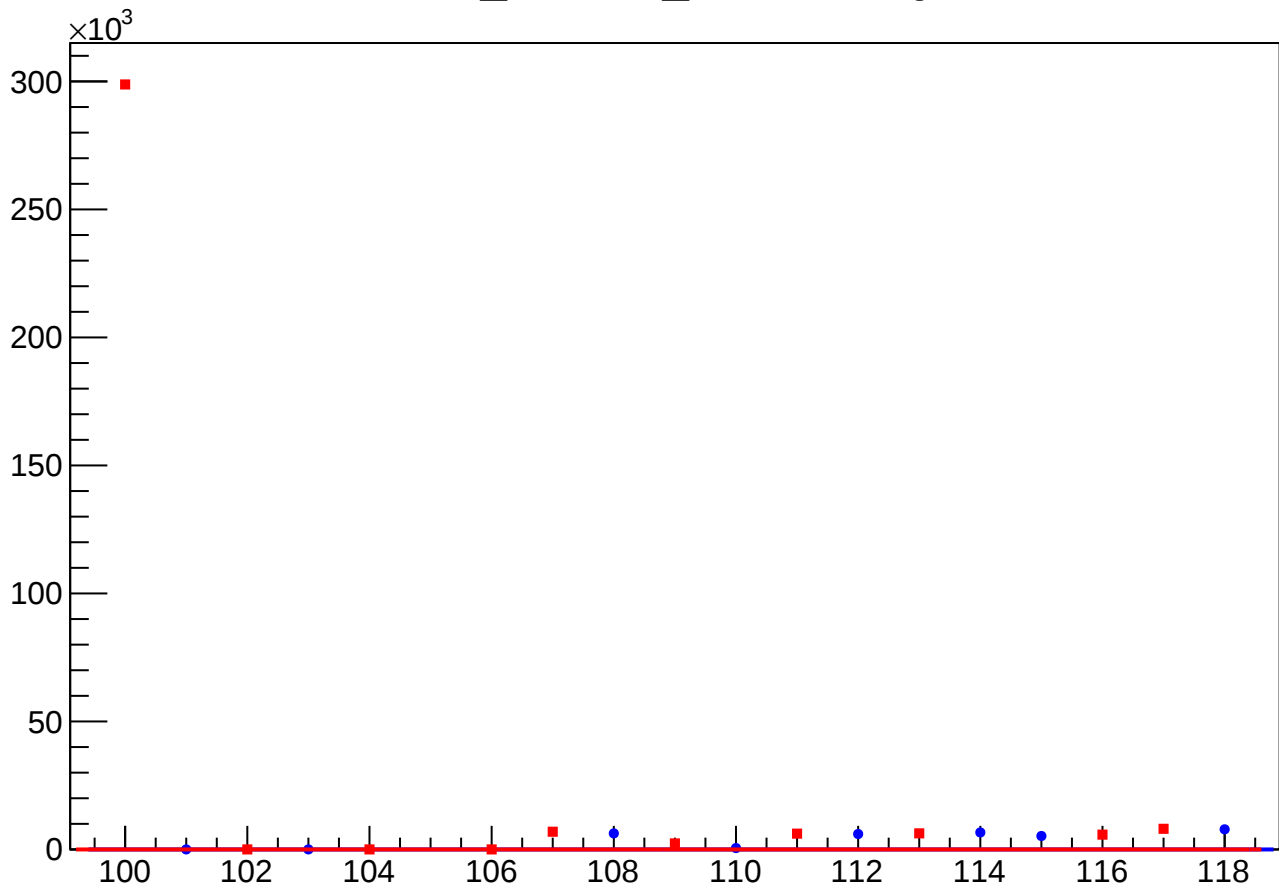
Right Out: -0.027+/-0.020 χ^2 /NDF: 16.0/9

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

-0.021+/-0.021 χ^2 /NDF: 1.5/7

-0.027+/-0.020 χ^2 /NDF: 16.0/9

diff_cav4dX_rms vs Slug



Right In: 17.107 $\pm$ 0.015 χ^2/NDF : 3448531.1/7

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

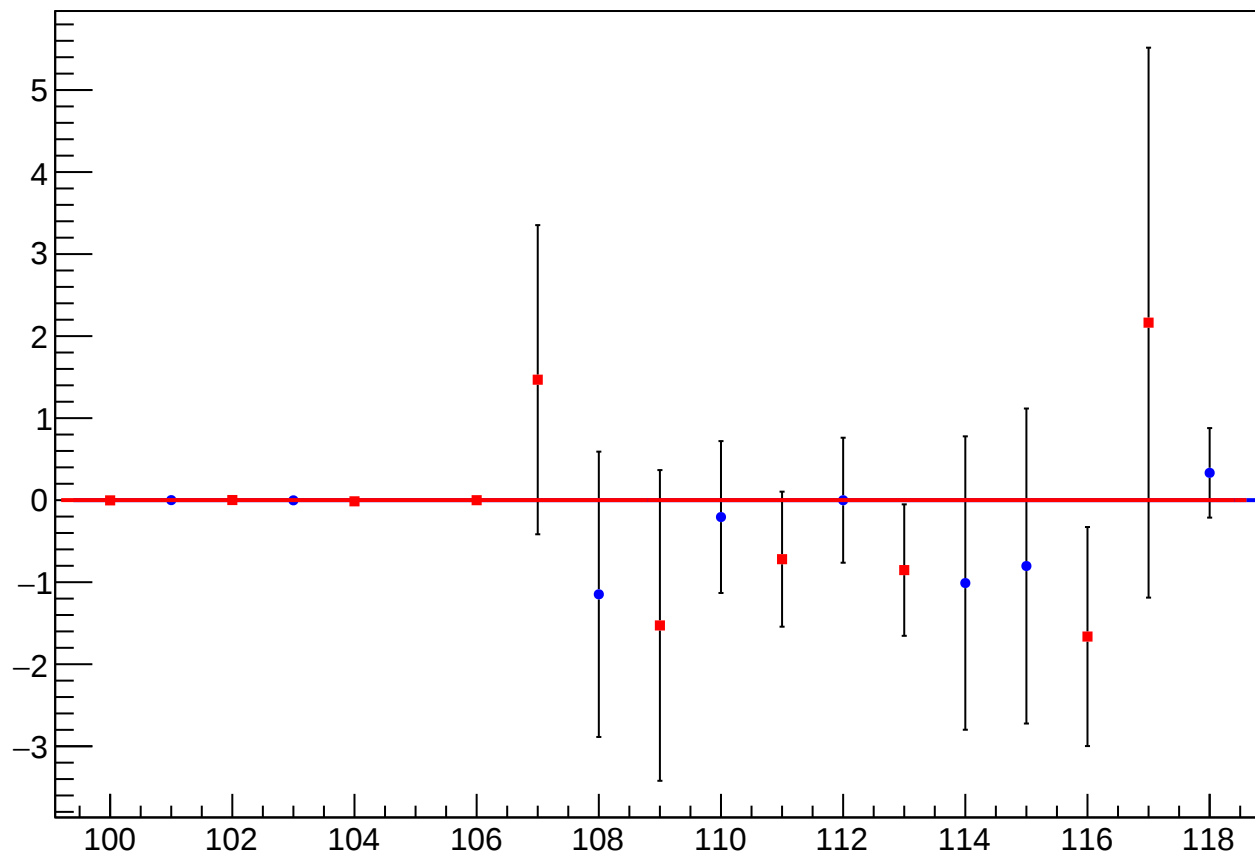
Right Out: 17.066 $\pm$ 0.014 χ^2/NDF : 3576970.6/9

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

17.107 $\pm$ 0.015 χ^2/NDF : 3448531.1/7

17.066 $\pm$ 0.014 χ^2/NDF : 3576970.6/9

diff_cav4dY_mean vs Slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 1.5/7

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

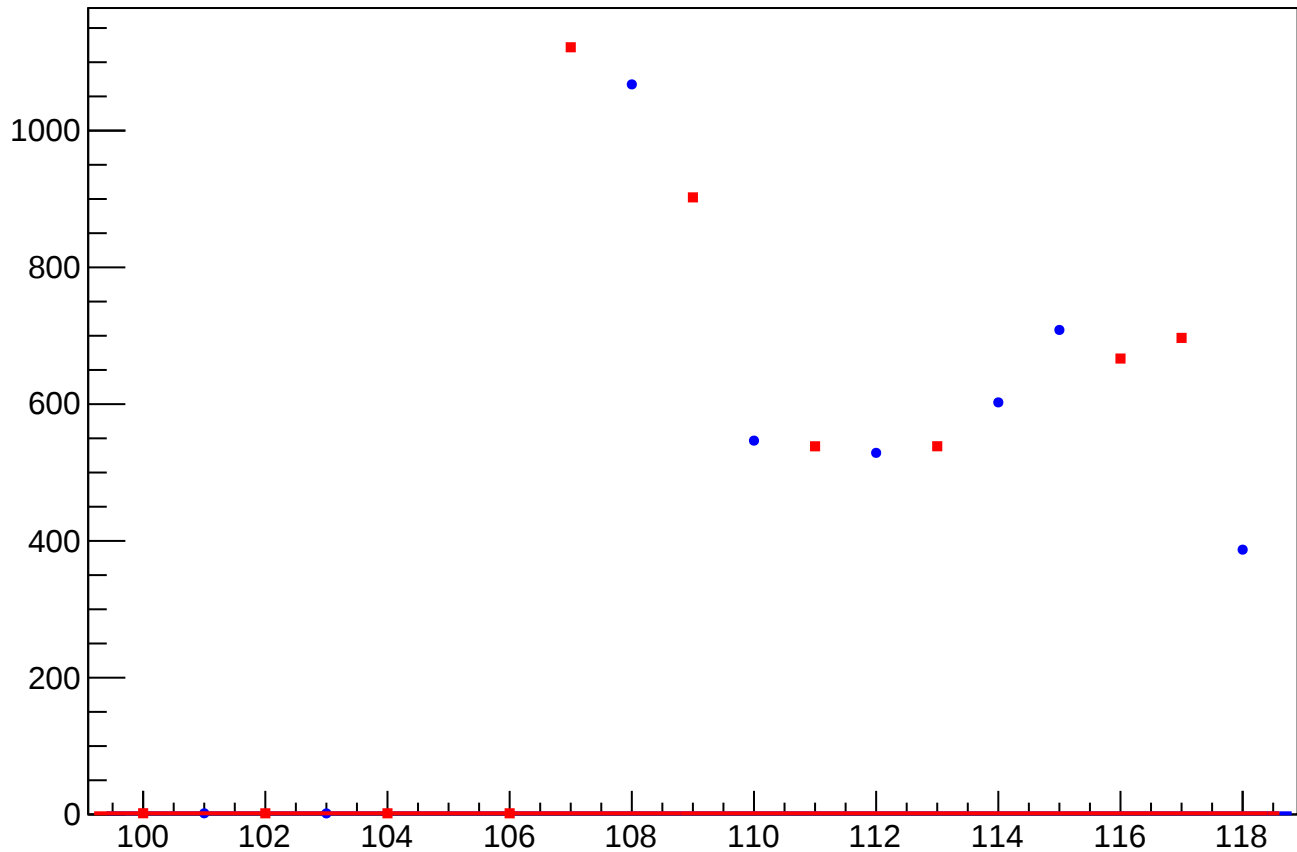
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 6.1/9

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

0.000 $\pm$ 0.002 χ^2 /NDF: 1.5/7

0.001 $\pm$ 0.002 χ^2 /NDF: 6.1/9

diff_cav4dY_rms vs Slug



Right In: 1.659+/-0.001 χ^2/NDF : 3897667.9/7

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

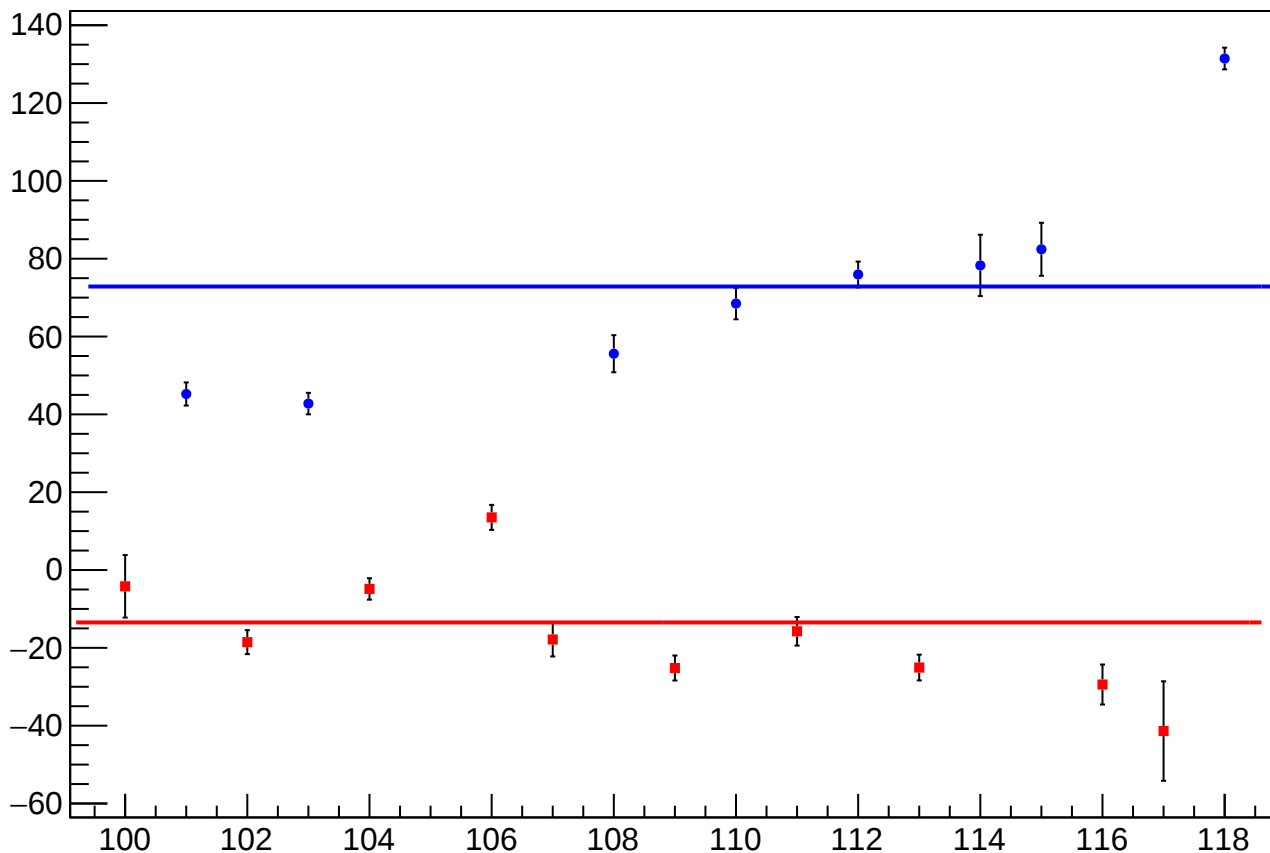
Right Out: 1.690+/-0.001 χ^2/NDF : 3488698.1/9

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

1.659+/-0.001 χ^2/NDF : 3897667.9/7

1.690+/-0.001 χ^2/NDF : 3488698.1/9

diff_bpm0i01X_mean vs Slug



Right In: 72.856+/-1.284 χ^2/NDF : 663.1/7

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

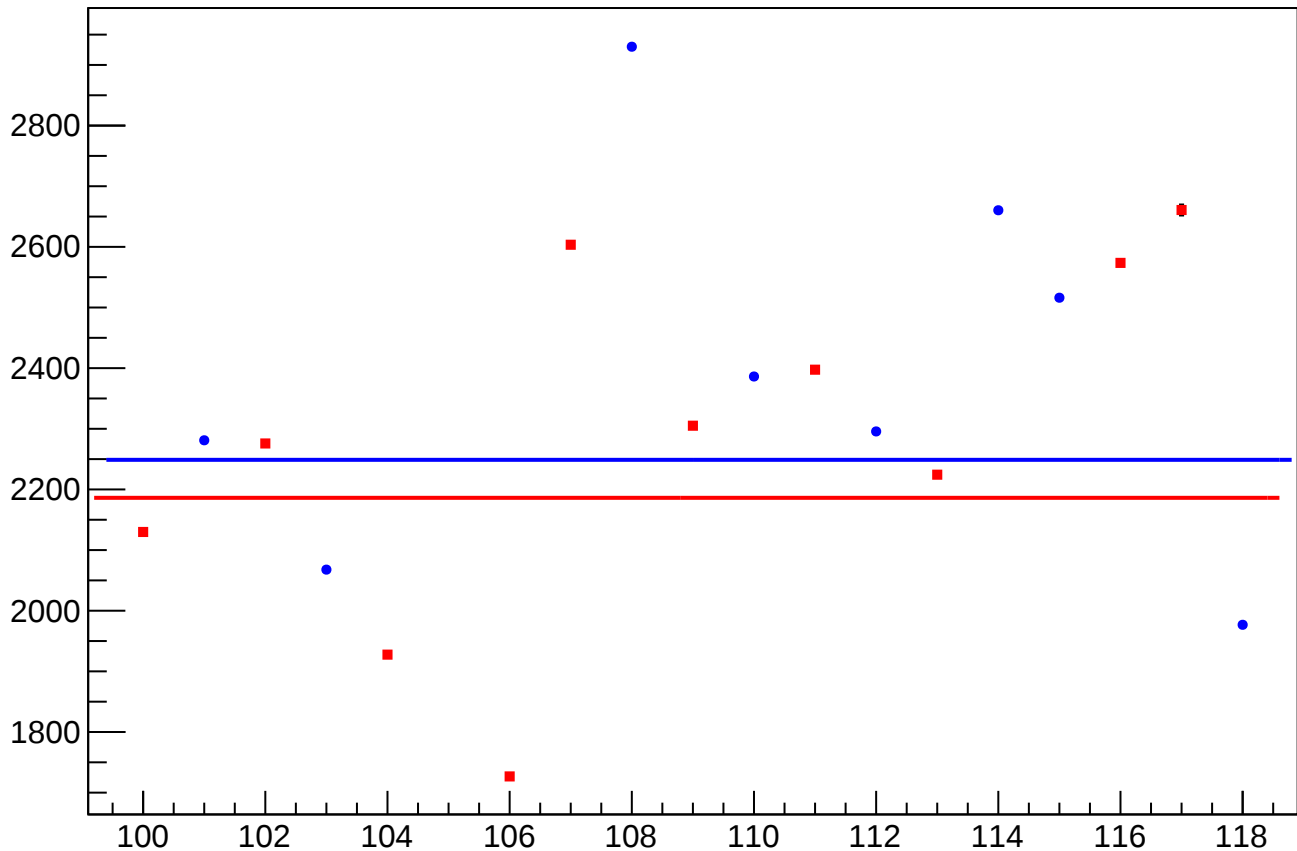
Right Out: -13.469+/-1.188 χ^2/NDF : 125.9/9

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

72.856+/-1.284 χ^2/NDF : 663.1/7

-13.469+/-1.188 χ^2/NDF : 125.9/9

diff_bpm0i01X_rms vs Slug



Right In: 2248.826 $\pm$ 0.908 χ^2 /NDF: 79946.1/7

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

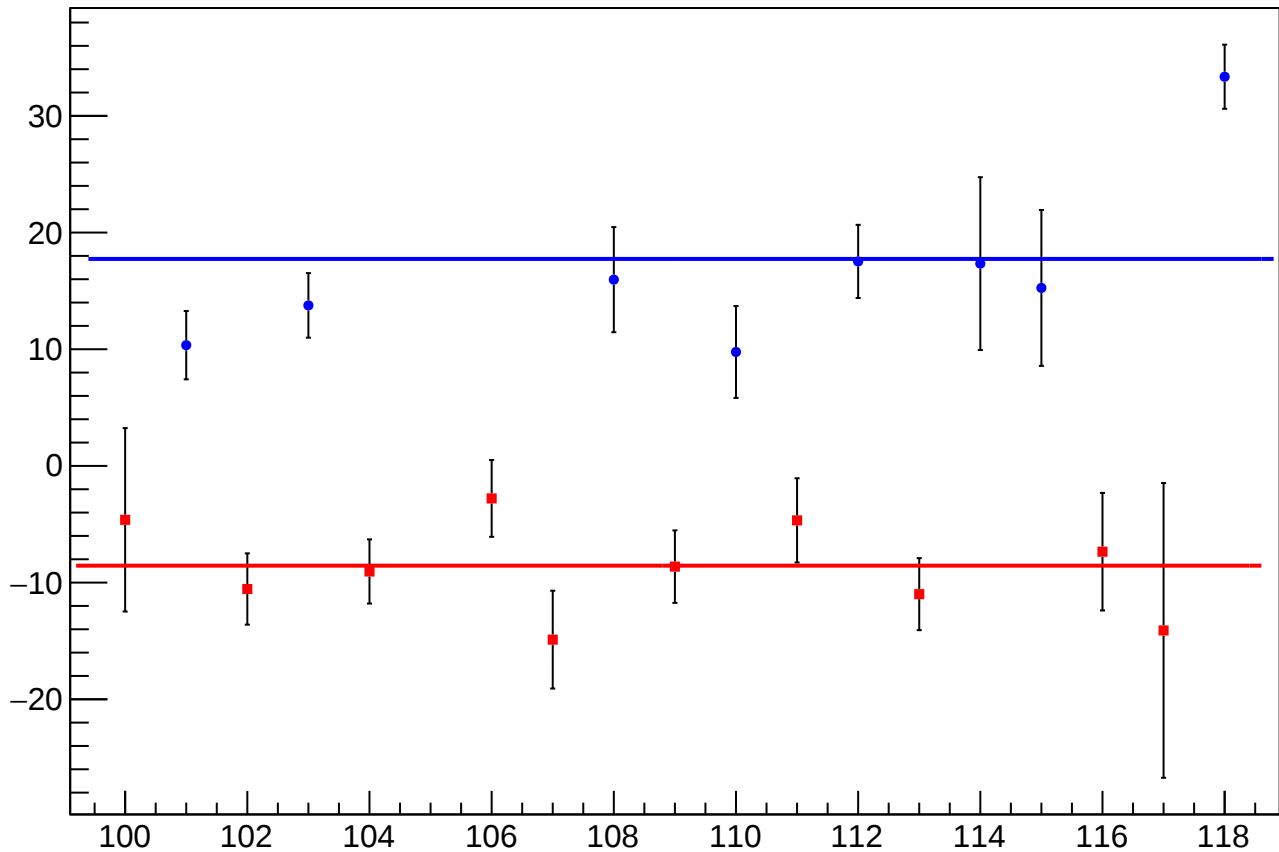
2248.826 $\pm$ 0.908 χ^2 /NDF: 79946.1/7

Right Out: 2186.178 $\pm$ 0.840 χ^2 /NDF: 102387.4/9

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

2186.178 $\pm$ 0.840 χ^2 /NDF: 102387.4/9

diff_bpm0i01Y_mean vs Slug



Right In: 17.741+/-1.254 χ^2/NDF : 45.1/7

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

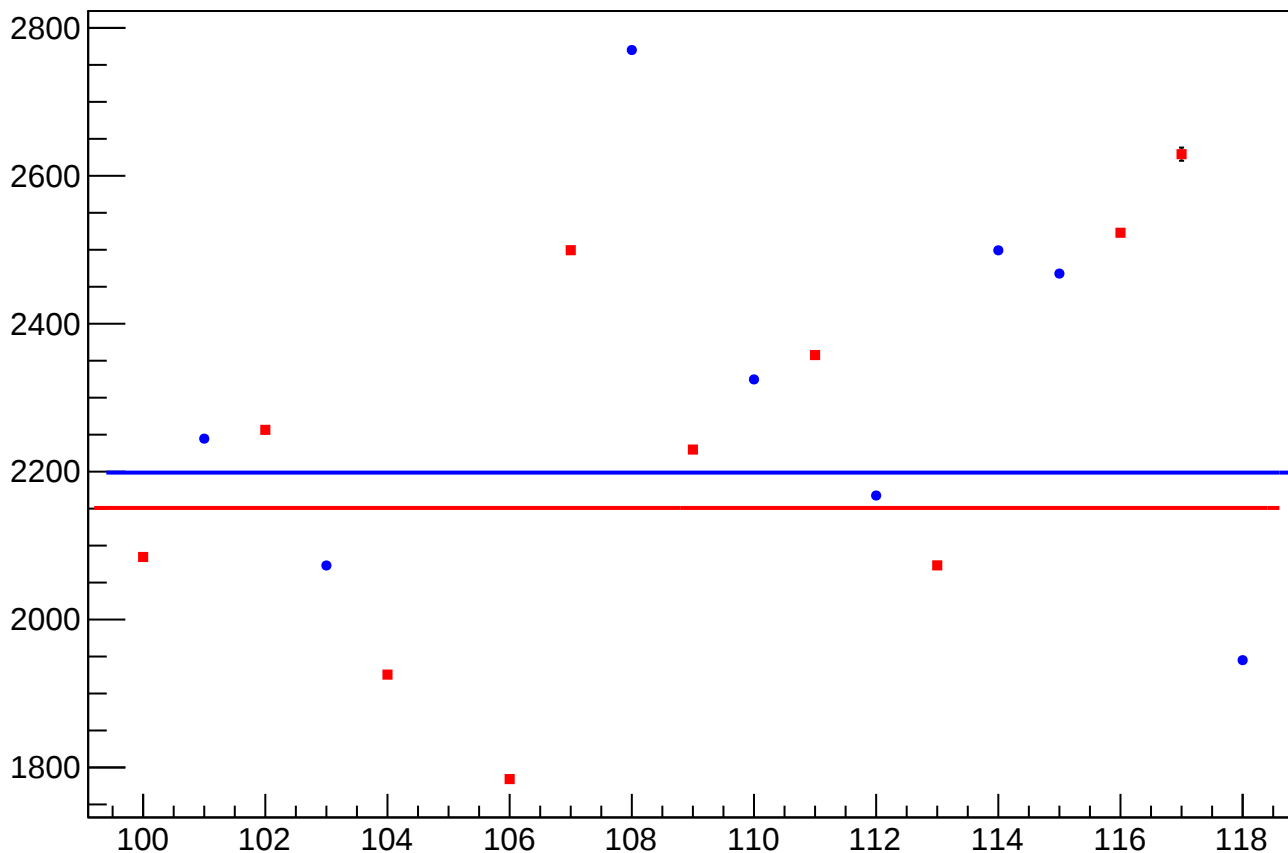
Right Out: -8.548+/-1.166 χ^2/NDF : 8.1/9

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

17.741+/-1.254 χ^2/NDF : 45.1/7

-8.548+/-1.166 χ^2/NDF : 8.1/9

diff_bpm0i01Y_rms vs Slug



Right In: 2198.701 $\pm$ 0.887 χ^2 /NDF: 62606.0/7

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

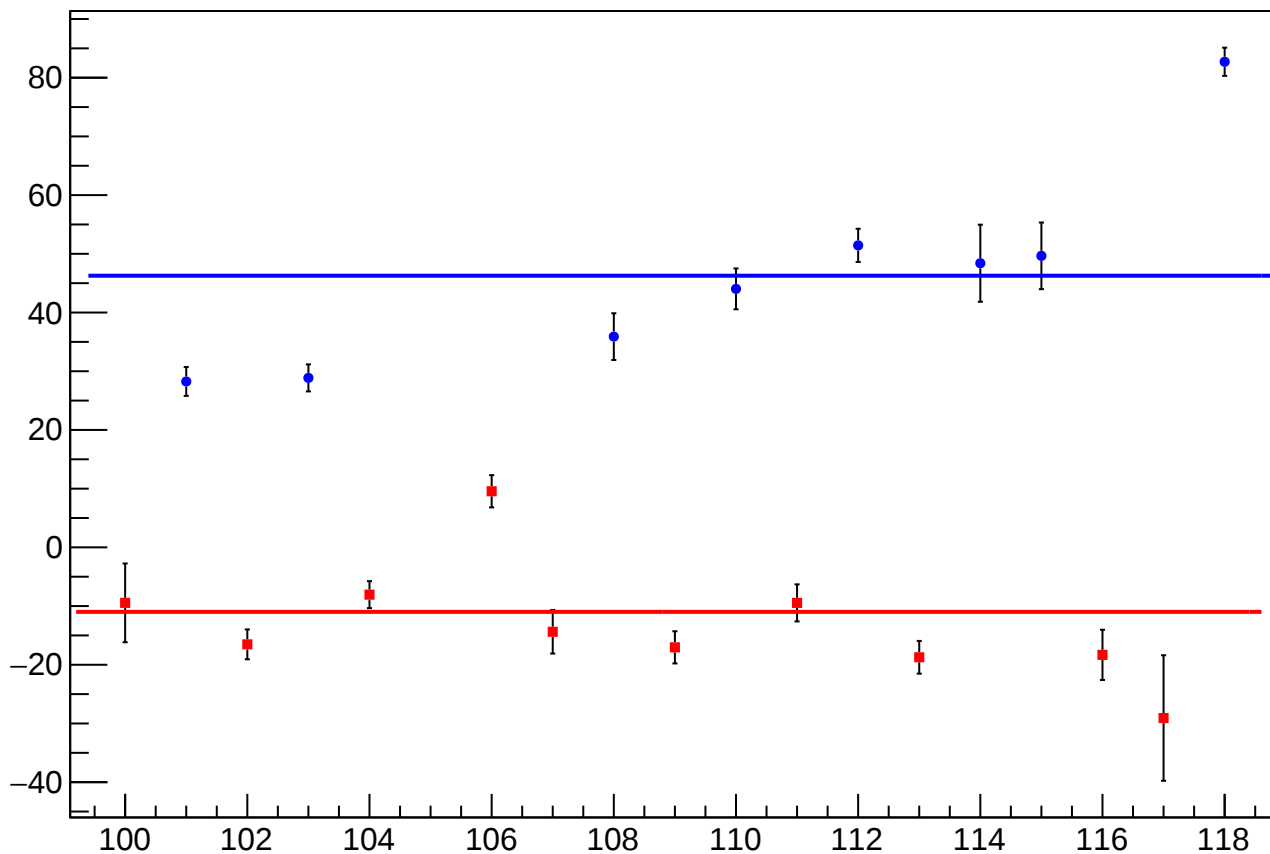
Right Out: 2150.914 $\pm$ 0.824 χ^2 /NDF: 77477.6/9

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

2198.701 $\pm$ 0.887 χ^2 /NDF: 62606.0/7

2150.914 $\pm$ 0.824 χ^2 /NDF: 77477.6/9

diff_bpm0i01aX_mean vs Slug



Right In: 46.272 $\pm$ 1.083 χ^2 /NDF: 351.6/7

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

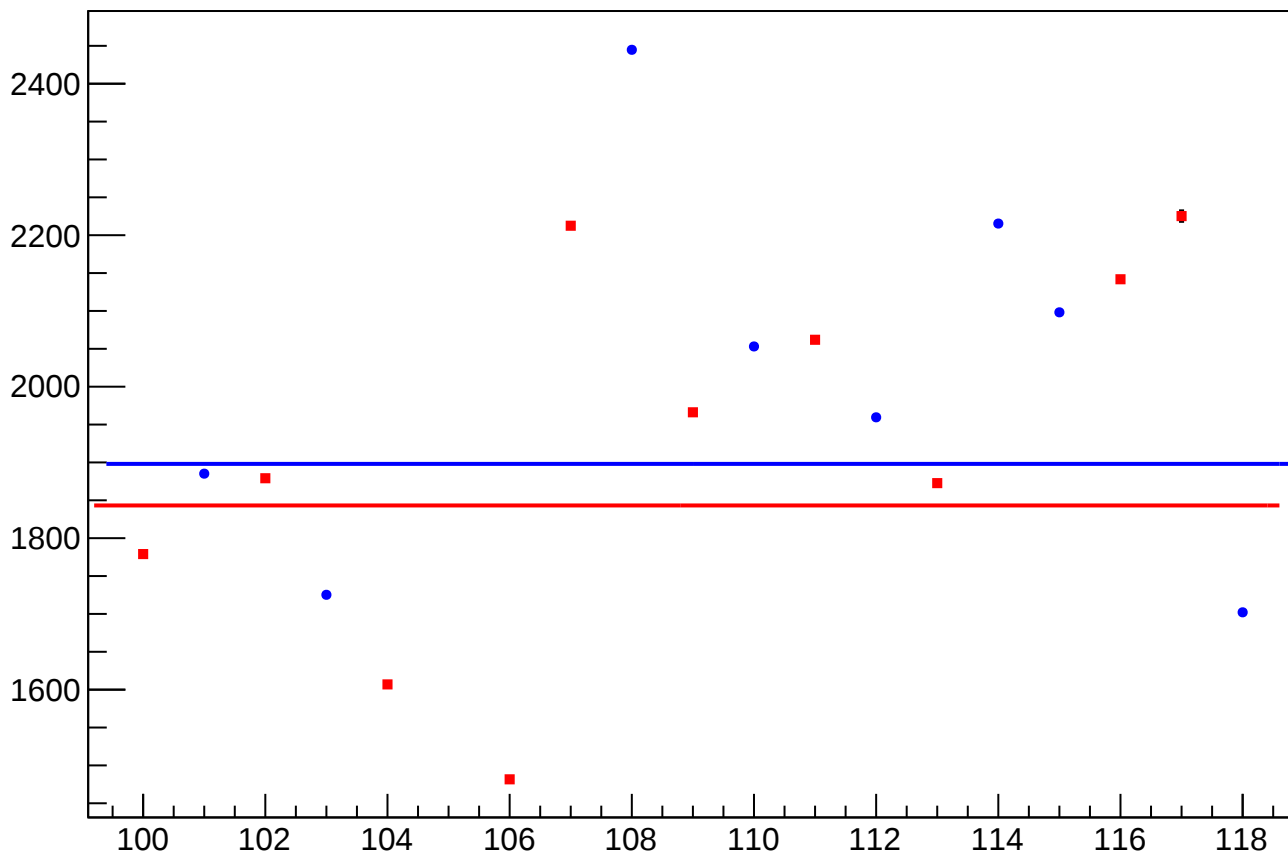
Right Out: -10.986 $\pm$ 1.001 χ^2 /NDF: 81.7/9

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

46.272 $\pm$ 1.083 χ^2 /NDF: 351.6/7

-10.986 $\pm$ 1.001 χ^2 /NDF: 81.7/9

diff_bpm0i01aX_rms vs Slug



Right In: 1898.073+/-0.766 χ^2/NDF : 74499.6/7

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

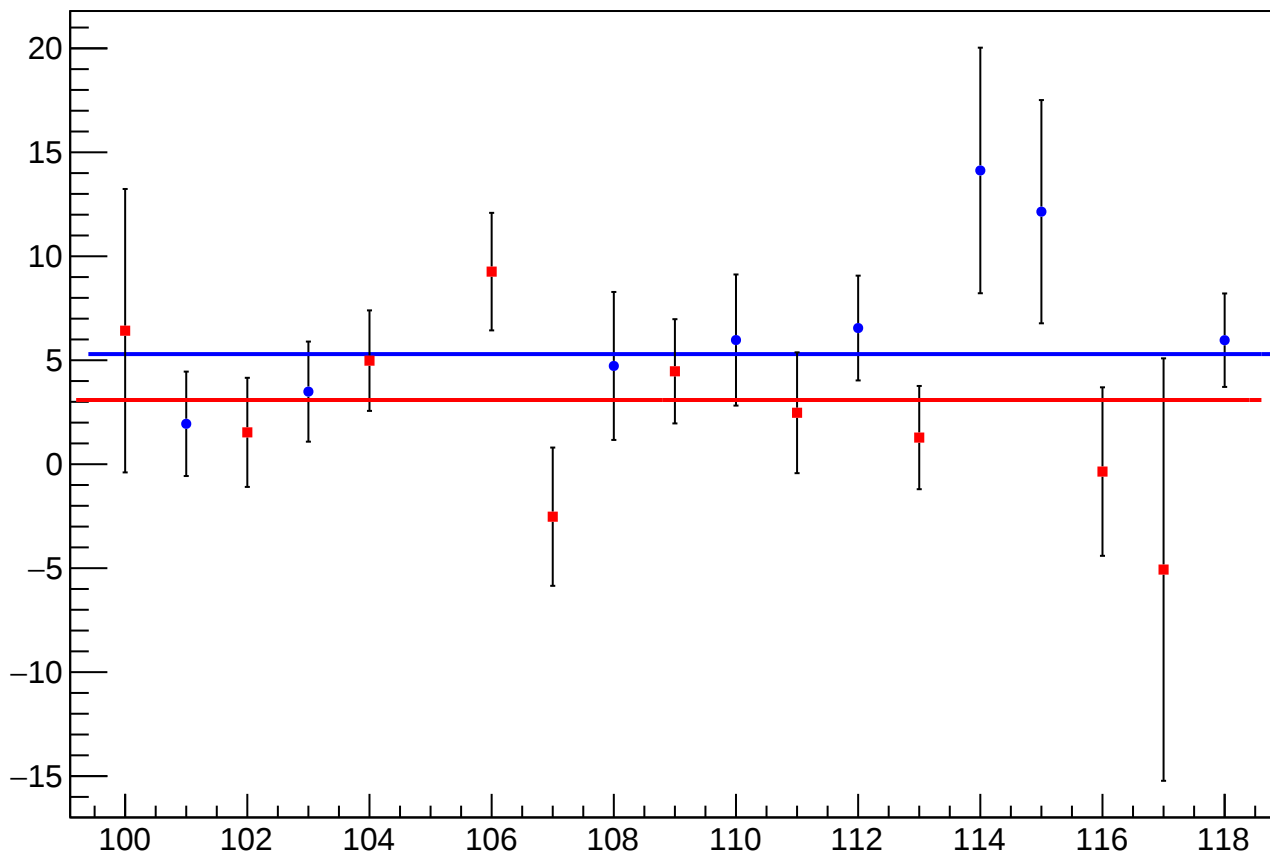
Right Out: 1843.196+/-0.708 χ^2/NDF : 102328.9/9

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

1898.073+/-0.766 χ^2/NDF : 74499.6/7

1843.196+/-0.708 χ^2/NDF : 102328.9/9

diff_bpm0i01aY_mean vs Slug



Right In: 5.296 $\pm$ 1.037 χ^2 /NDF: 6.6/7

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

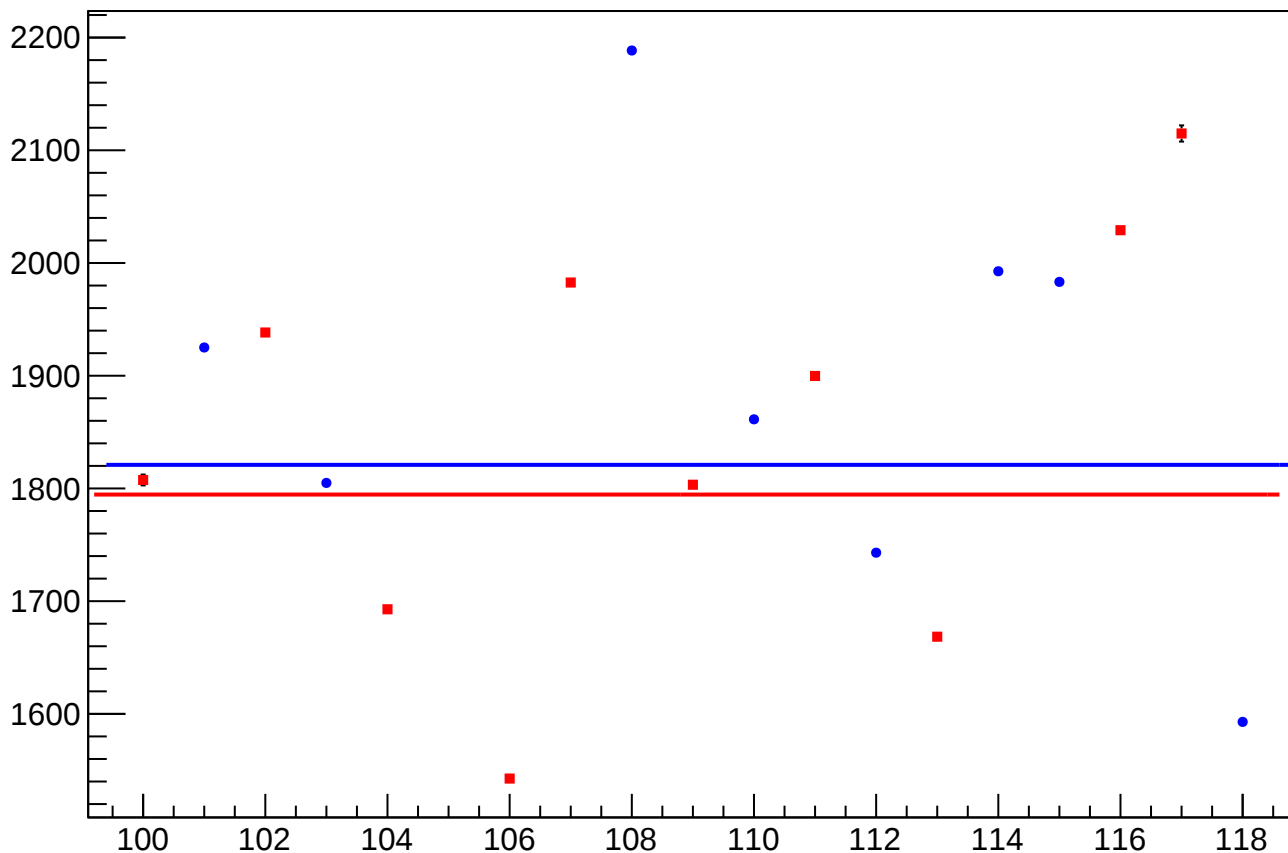
Right Out: 3.088 $\pm$ 0.969 χ^2 /NDF: 11.1/9

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

5.296 $\pm$ 1.037 χ^2 /NDF: 6.6/7

3.088 $\pm$ 0.969 χ^2 /NDF: 11.1/9

diff_bpm0i01aY_rms vs Slug



Right In: 1820.924 $\pm$ 0.733 χ^2 /NDF: 51223.7/7

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

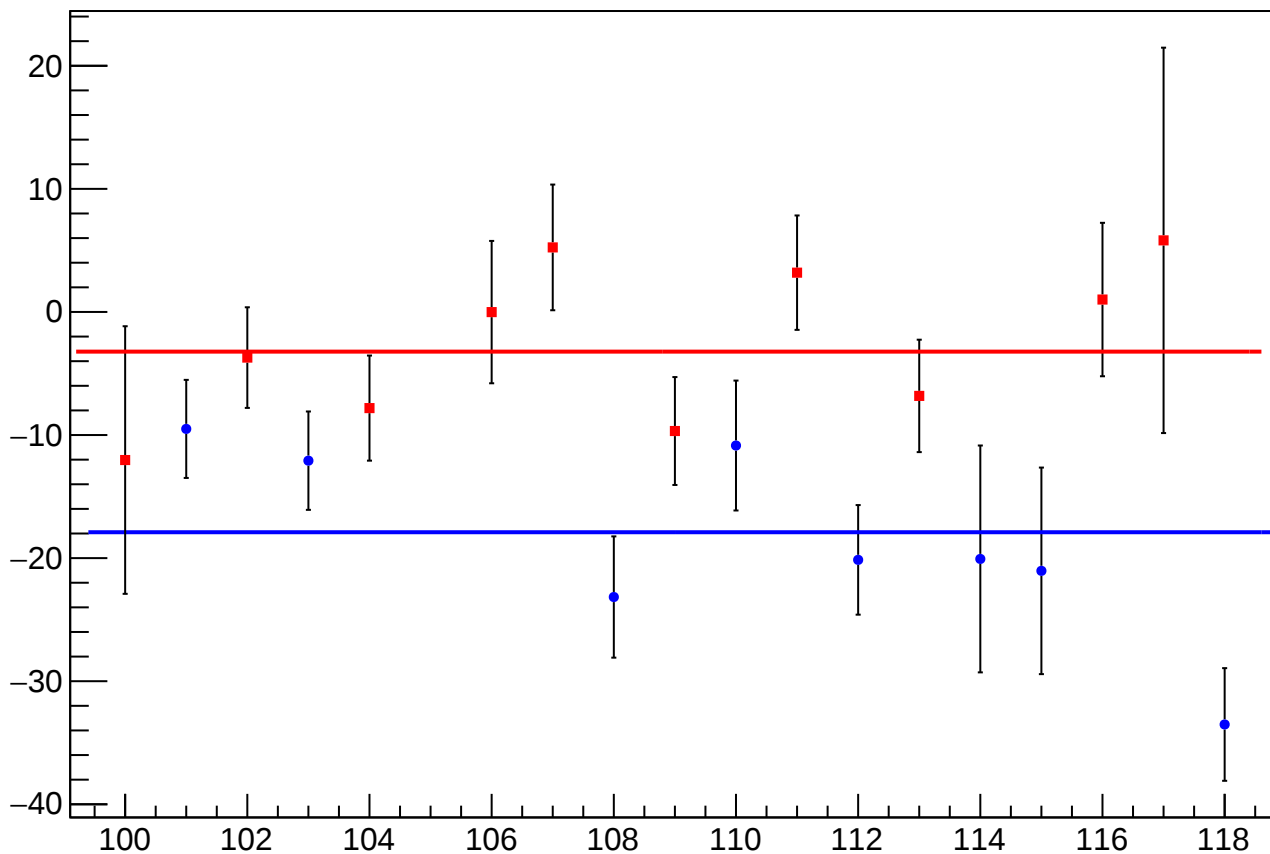
Right Out: 1794.573 $\pm$ 0.685 χ^2 /NDF: 48349.1/9

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

1820.924 $\pm$ 0.733 χ^2 /NDF: 51223.7/7

1794.573 $\pm$ 0.685 χ^2 /NDF: 48349.1/9

diff_bpm0l01X_mean vs Slug



Right In: -17.897 $\pm$ 1.749 χ^2 /NDF: 21.6/7

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

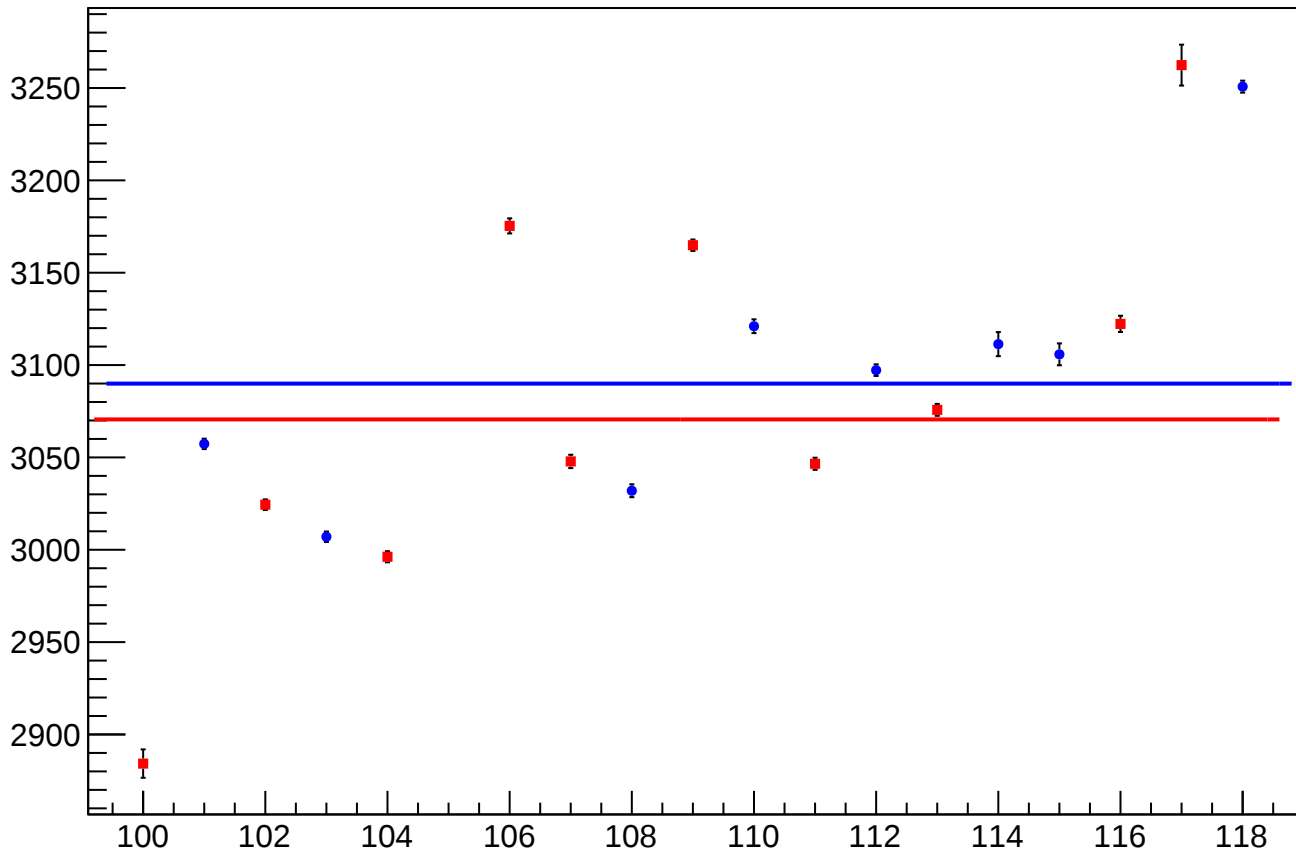
Right Out: -3.223 $\pm$ 1.649 χ^2 /NDF: 10.4/9

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

-17.897 $\pm$ 1.749 χ^2 /NDF: 21.6/7

-3.223 $\pm$ 1.649 χ^2 /NDF: 10.4/9

diff_bpm0l01X_rms vs Slug



Right In: 3089.954 $\pm$ 1.237 χ^2 /NDF: 3833.6/7

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

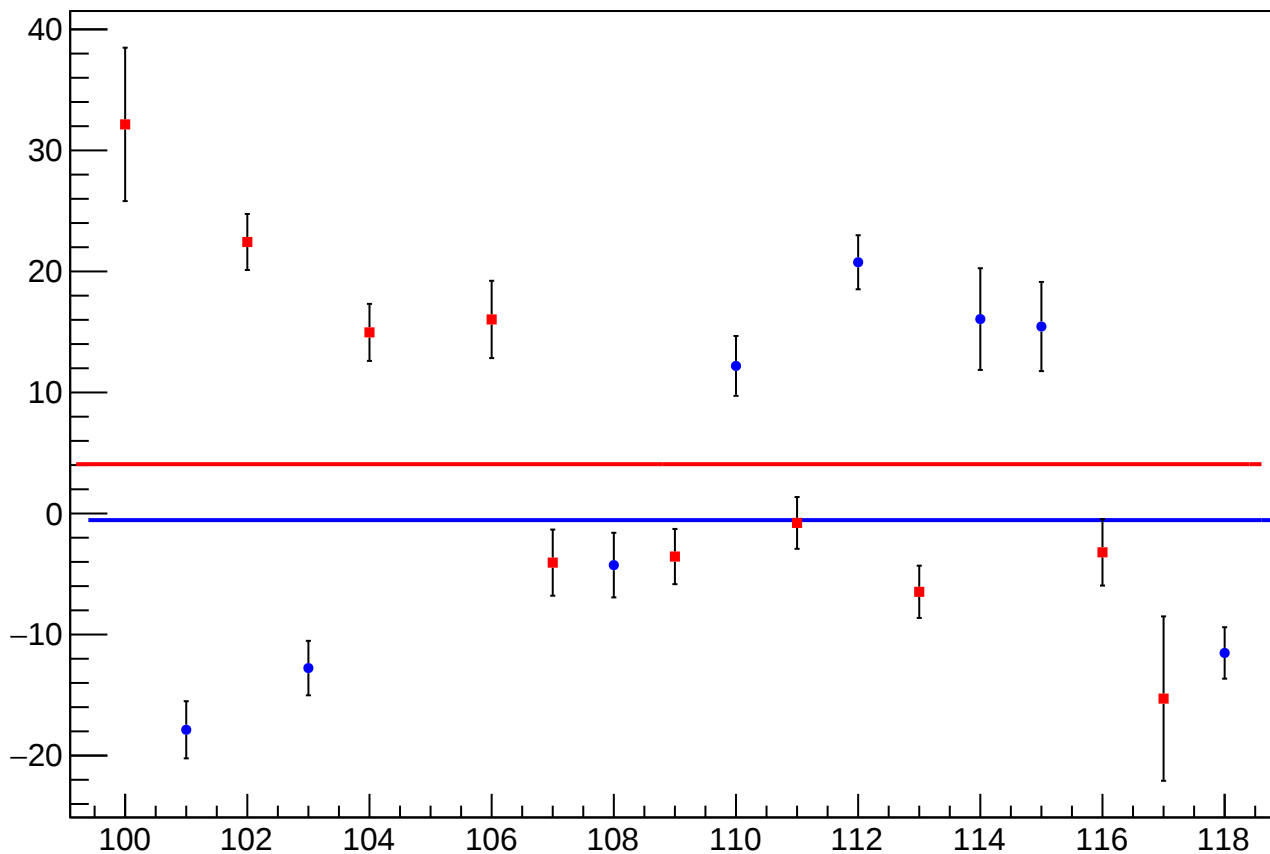
Right Out: 3070.573 $\pm$ 1.166 χ^2 /NDF: 3565.5/9

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

3089.954 $\pm$ 1.237 χ^2 /NDF: 3833.6/7

3070.573 $\pm$ 1.166 χ^2 /NDF: 3565.5/9

diff_bpm0l01Y_mean vs Slug



Right In: -0.546+/-0.901 χ^2 /NDF: 263.9/7

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

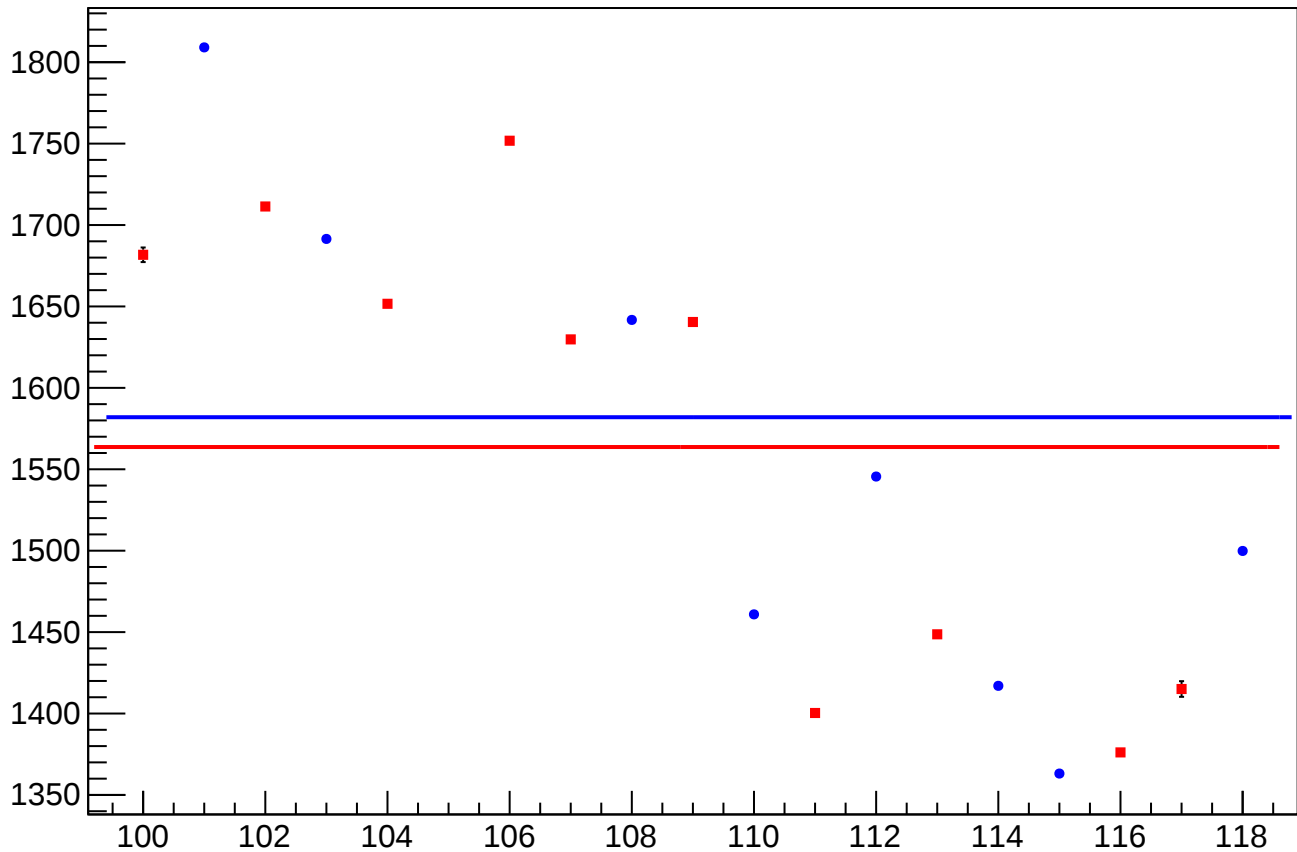
Right Out: 4.075+/-0.844 χ^2 /NDF: 182.1/9

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

-0.546+/-0.901 χ^2 /NDF: 263.9/7

4.075+/-0.844 χ^2 /NDF: 182.1/9

diff_bpm0l01Y_rms vs Slug



Right In: 1581.973+/-0.637 χ^2/NDF : 42685.6/7

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

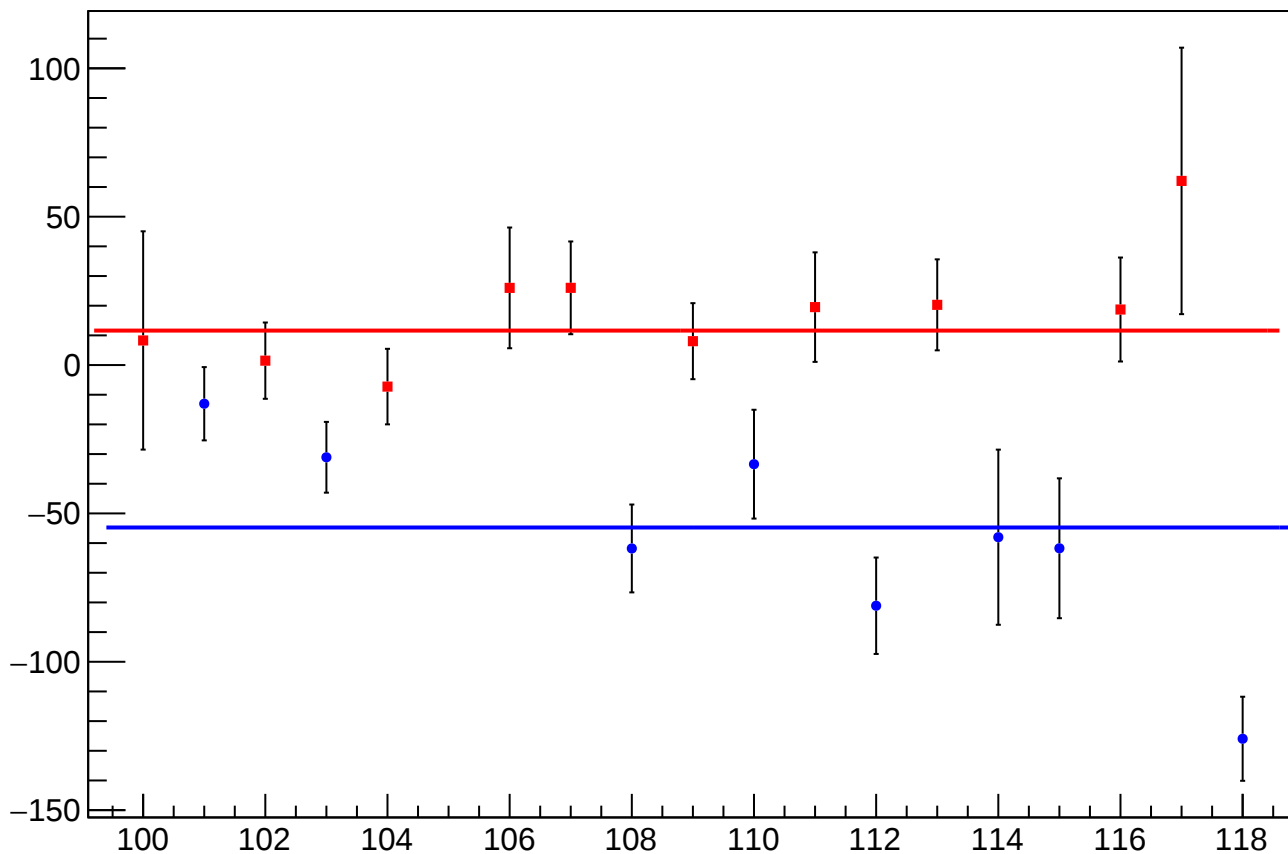
Right Out: 1563.669+/-0.597 χ^2/NDF : 49610.4/9

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

1581.973+/-0.637 χ^2/NDF : 42685.6/7

1563.669+/-0.597 χ^2/NDF : 49610.4/9

diff_bpm0l02X_mean vs Slug



Right In: -54.744+/-5.518 χ^2/NDF : 44.9/7

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

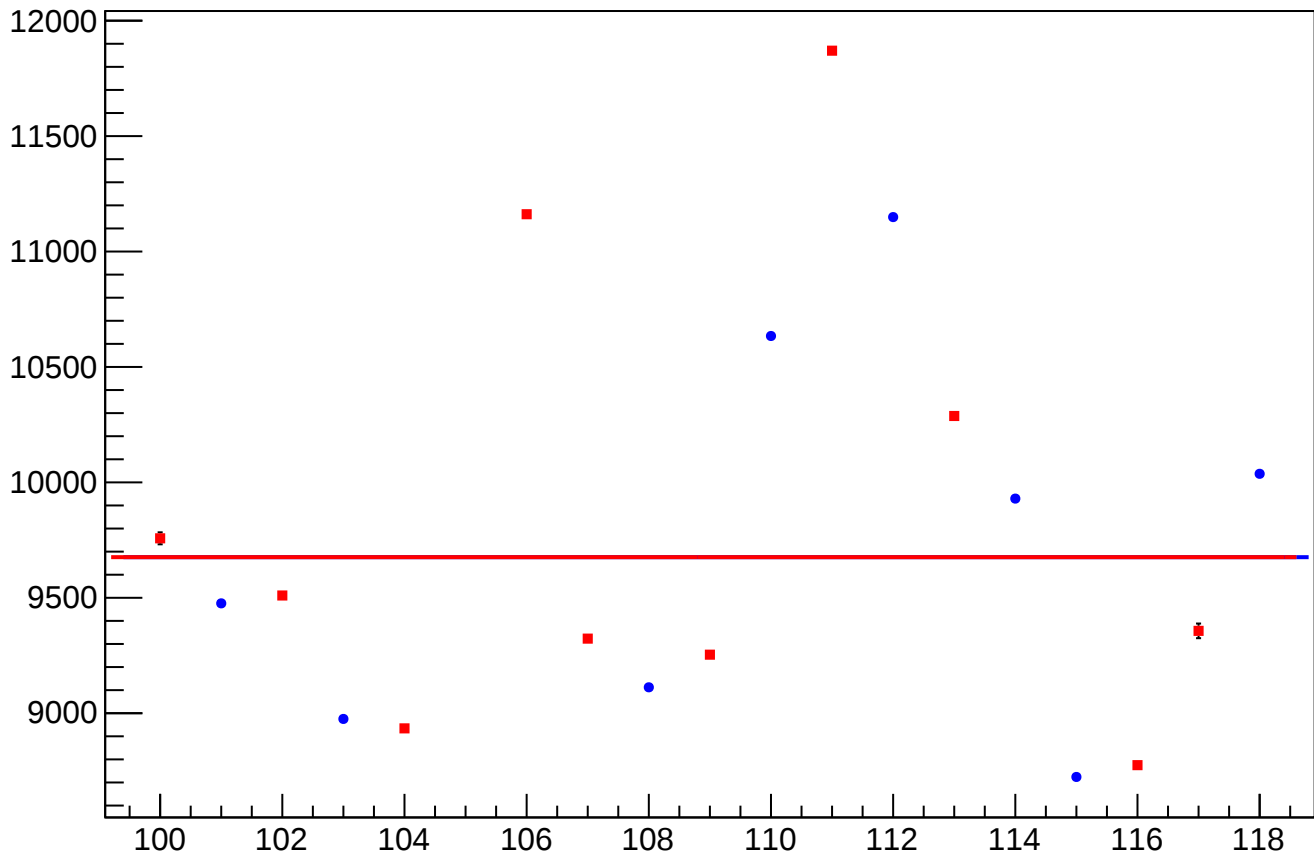
Right Out: 11.616+/-5.234 χ^2/NDF : 6.2/9

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

-54.744+/-5.518 χ^2/NDF : 44.9/7

11.616+/-5.234 χ^2/NDF : 6.2/9

diff_bpm0l02X_rms vs Slug



Right In: 9675.981 $\pm$ 3.902 χ^2 /NDF: 36943.8/7

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

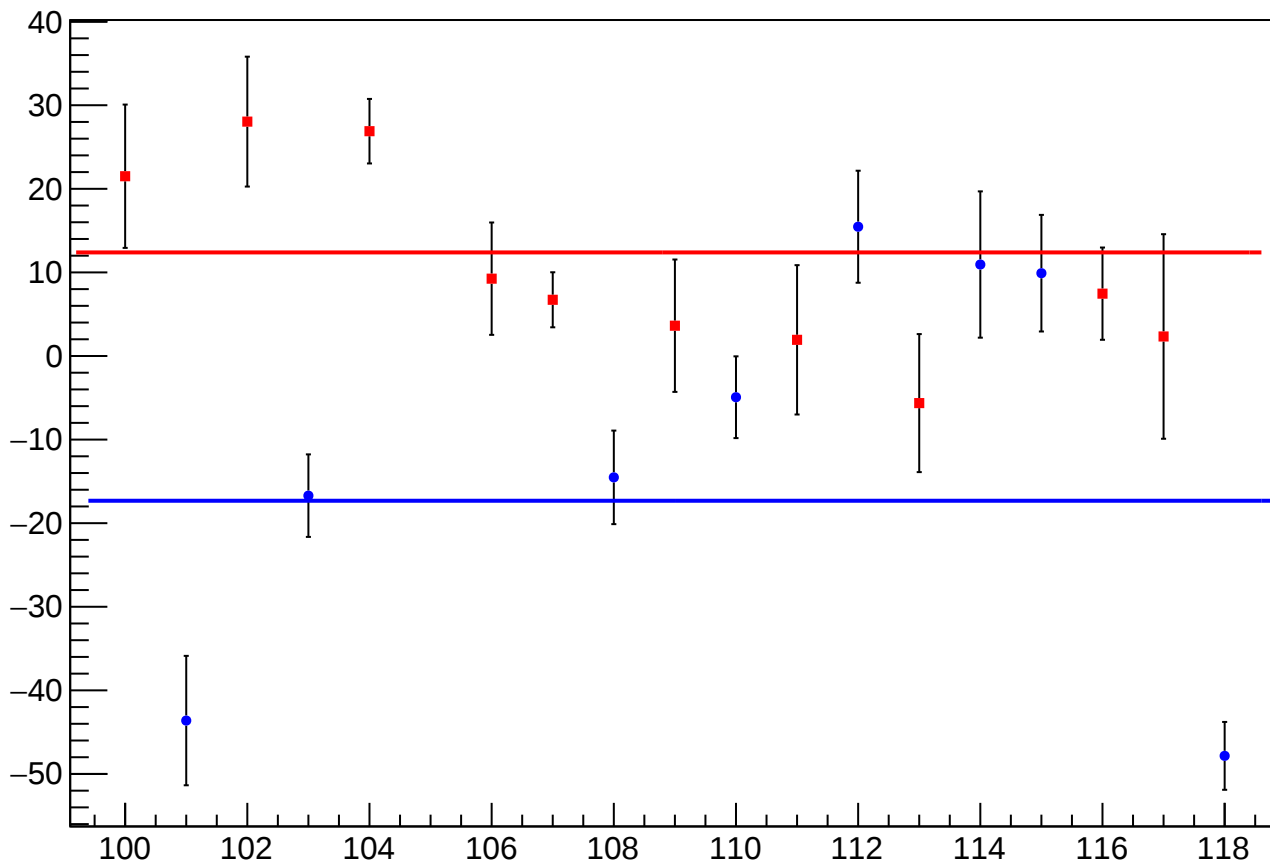
Right Out: 9676.026 $\pm$ 3.701 χ^2 /NDF: 57830.9/9

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

9675.981 $\pm$ 3.902 χ^2 /NDF: 36943.8/7

9676.026 $\pm$ 3.701 χ^2 /NDF: 57830.9/9

diff_bpm0l02Y_mean vs Slug



Right In: -17.317 ± 2.008 χ^2/NDF : 124.3/7

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

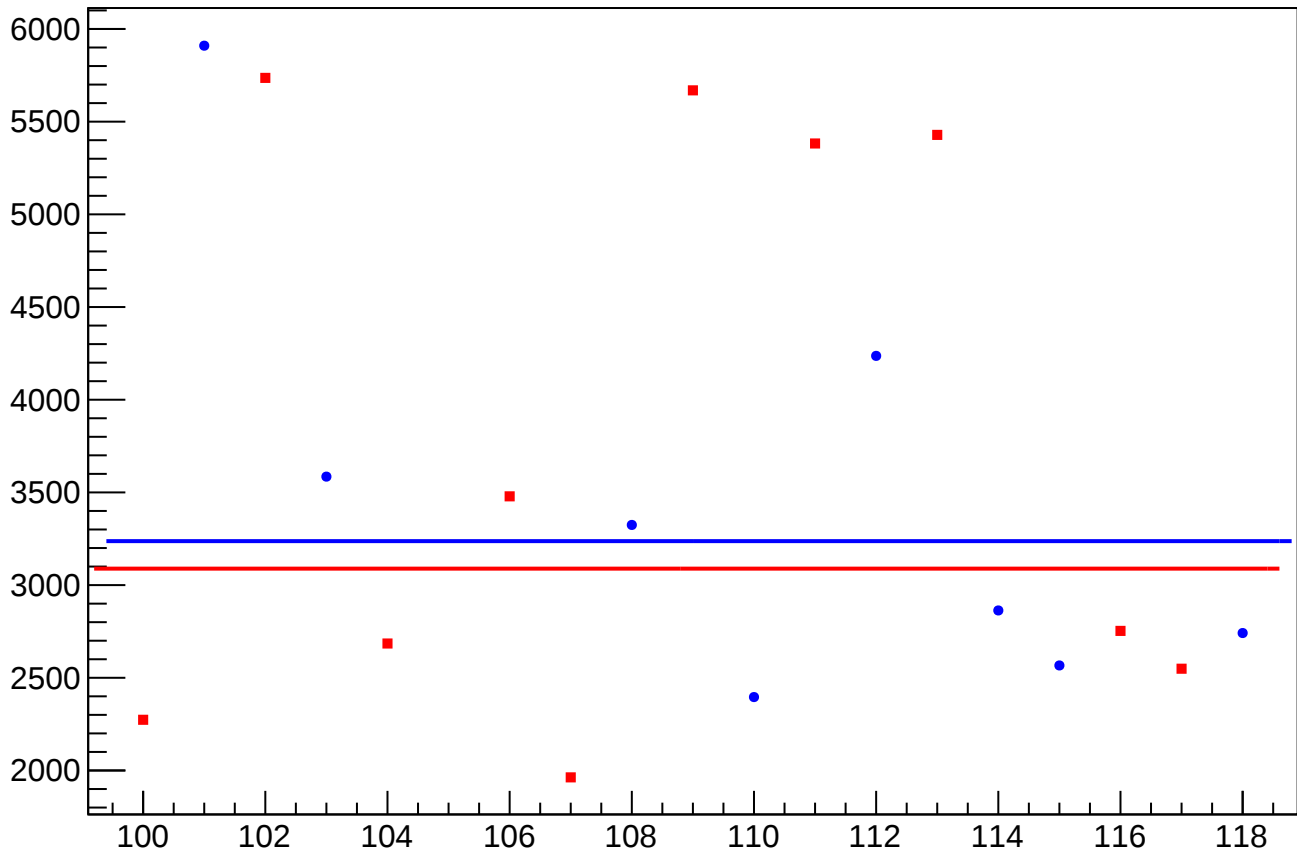
Right Out: 12.391 ± 1.843 χ^2/NDF : 31.3/9

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

-17.317 ± 2.008 χ^2/NDF : 124.3/7

12.391 ± 1.843 χ^2/NDF : 31.3/9

diff_bpm0l02Y_rms vs Slug



Right In: 3237.192+/-1.420 χ^2/NDF : 404468.7/7

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

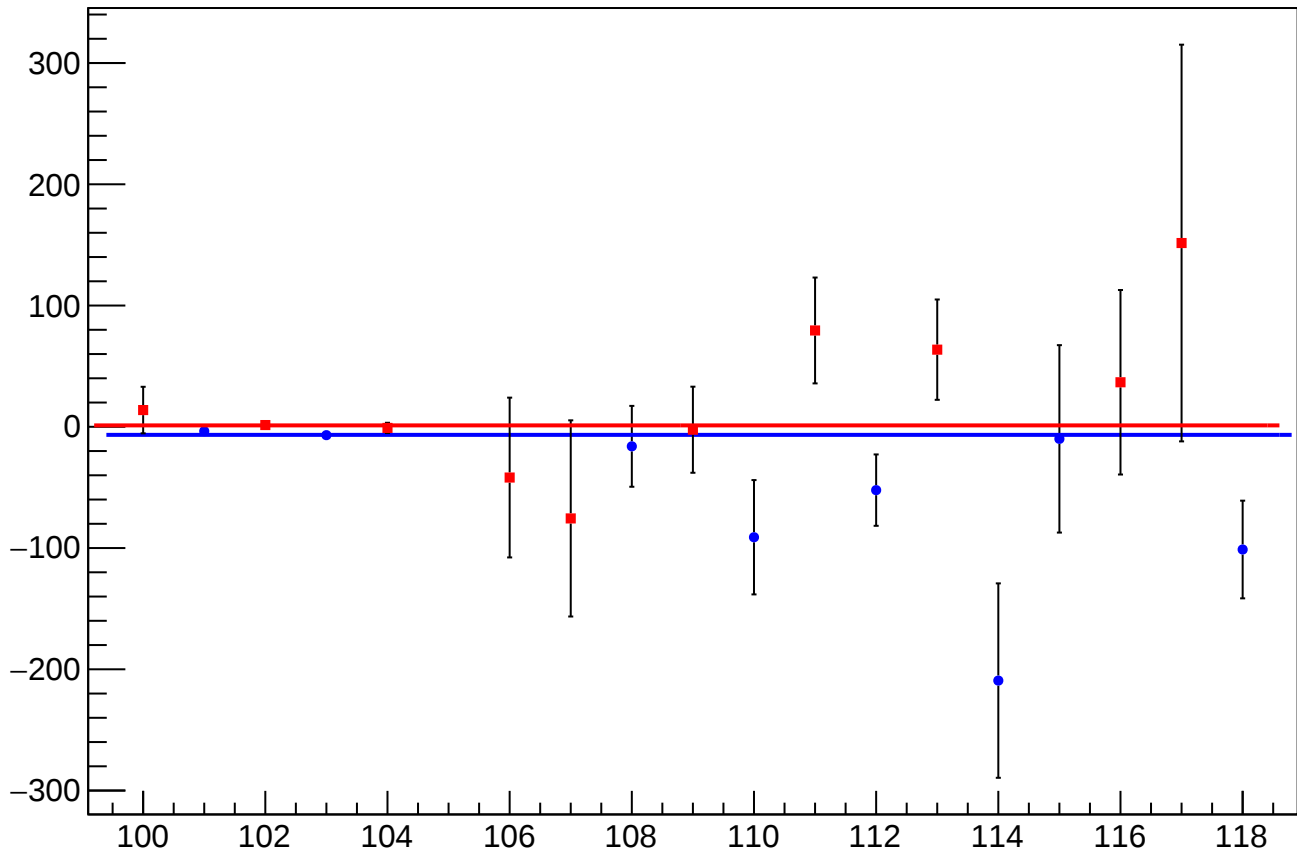
Right Out: 3088.827+/-1.303 χ^2/NDF : 1028827.8/9

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

3237.192+/-1.420 χ^2/NDF : 404468.7/7

3088.827+/-1.303 χ^2/NDF : 1028827.8/9

diff_bpm0l03X_mean vs Slug



Right In: -6.657+/-2.681 χ^2/NDF : 18.2/7

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

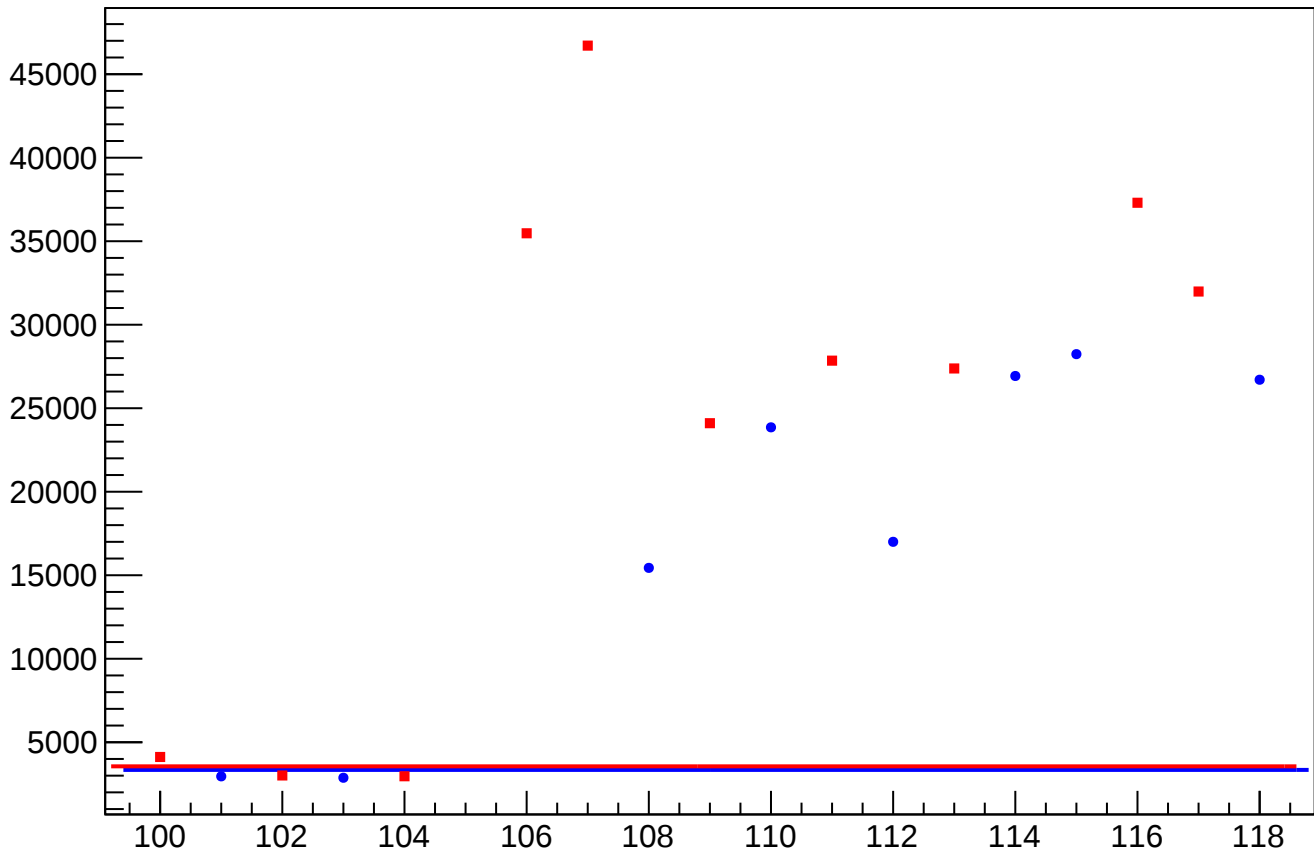
Right Out: 1.158+/-2.888 χ^2/NDF : 8.6/9

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

-6.657+/-2.681 χ^2/NDF : 18.2/7

1.158+/-2.888 χ^2/NDF : 8.6/9

diff_bpm0l03X_rms vs Slug



Right In: 3344.132+/-1.896 χ^2/NDF : 2175959.5/7

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

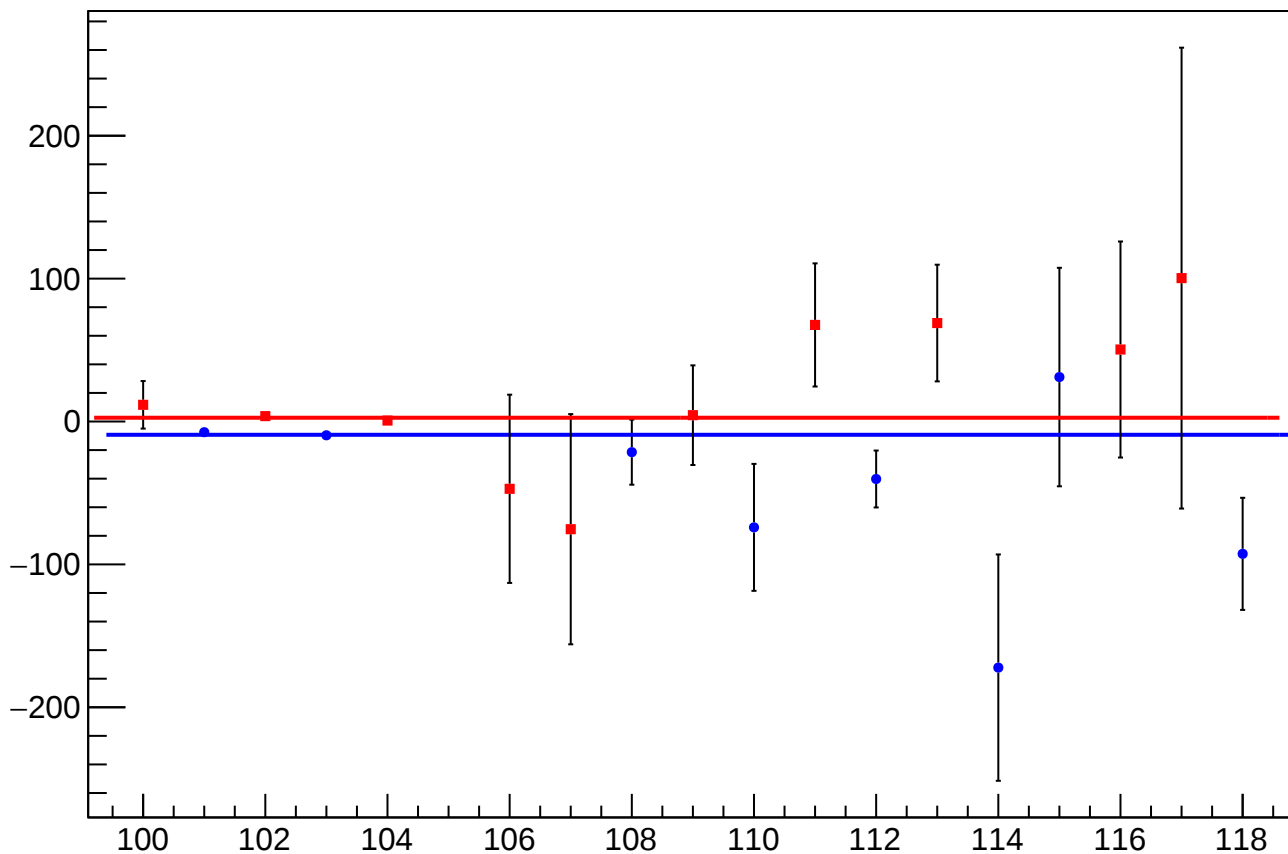
3344.132+/-1.896 χ^2/NDF : 2175959.5/7

Right Out: 3557.731+/-2.042 χ^2/NDF : 3521046.1/9

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

3557.731+/-2.042 χ^2/NDF : 3521046.1/9

diff_bpm0l03Y_mean vs Slug



Right In: -9.294+/-1.838 χ^2/NDF : 14.3/7

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

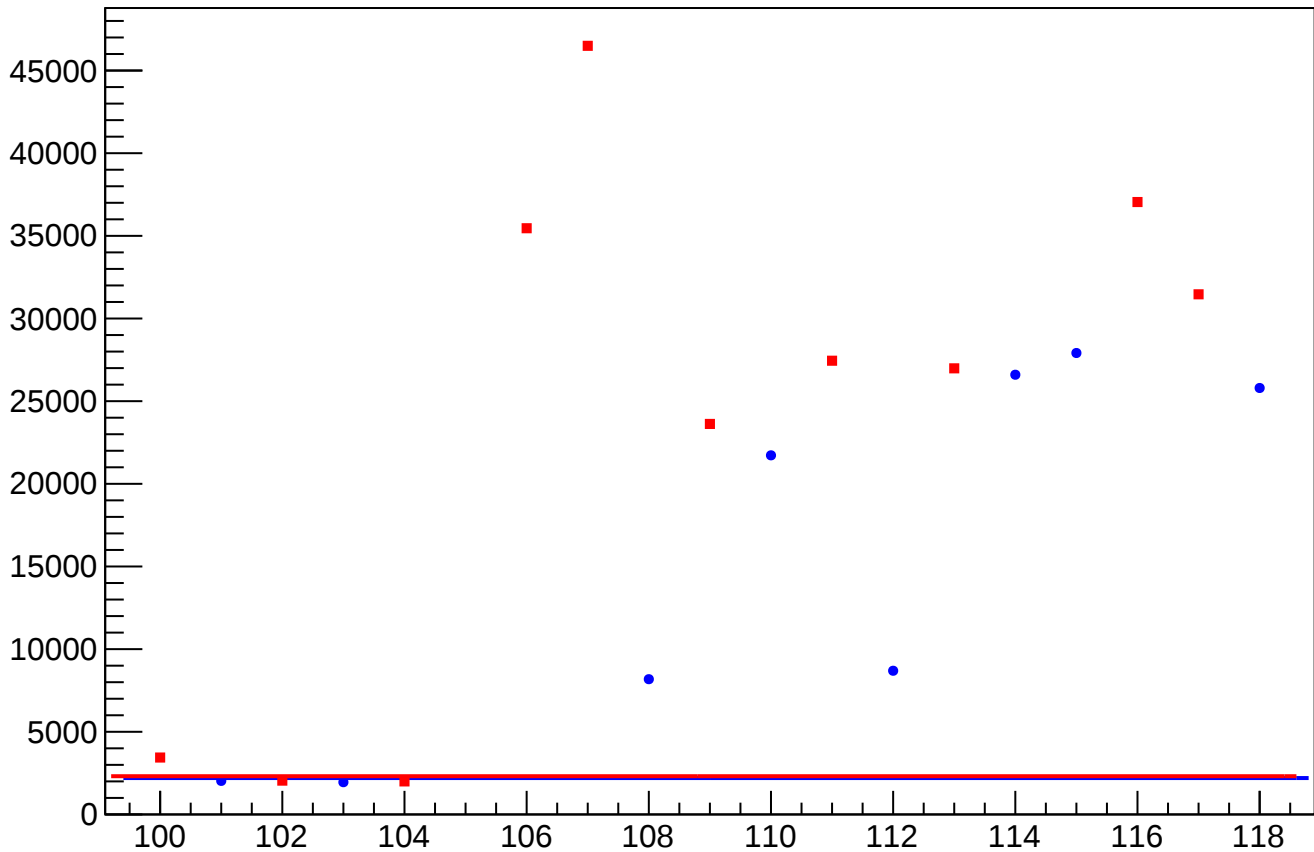
Right Out: 2.643+/-1.988 χ^2/NDF : 8.1/9

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

-9.294+/-1.838 χ^2/NDF : 14.3/7

2.643+/-1.988 χ^2/NDF : 8.1/9

diff_bpm0l03Y_rms vs Slug



Right In: 2202.008+/-1.300 χ^2/NDF : 1903067.9/7

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

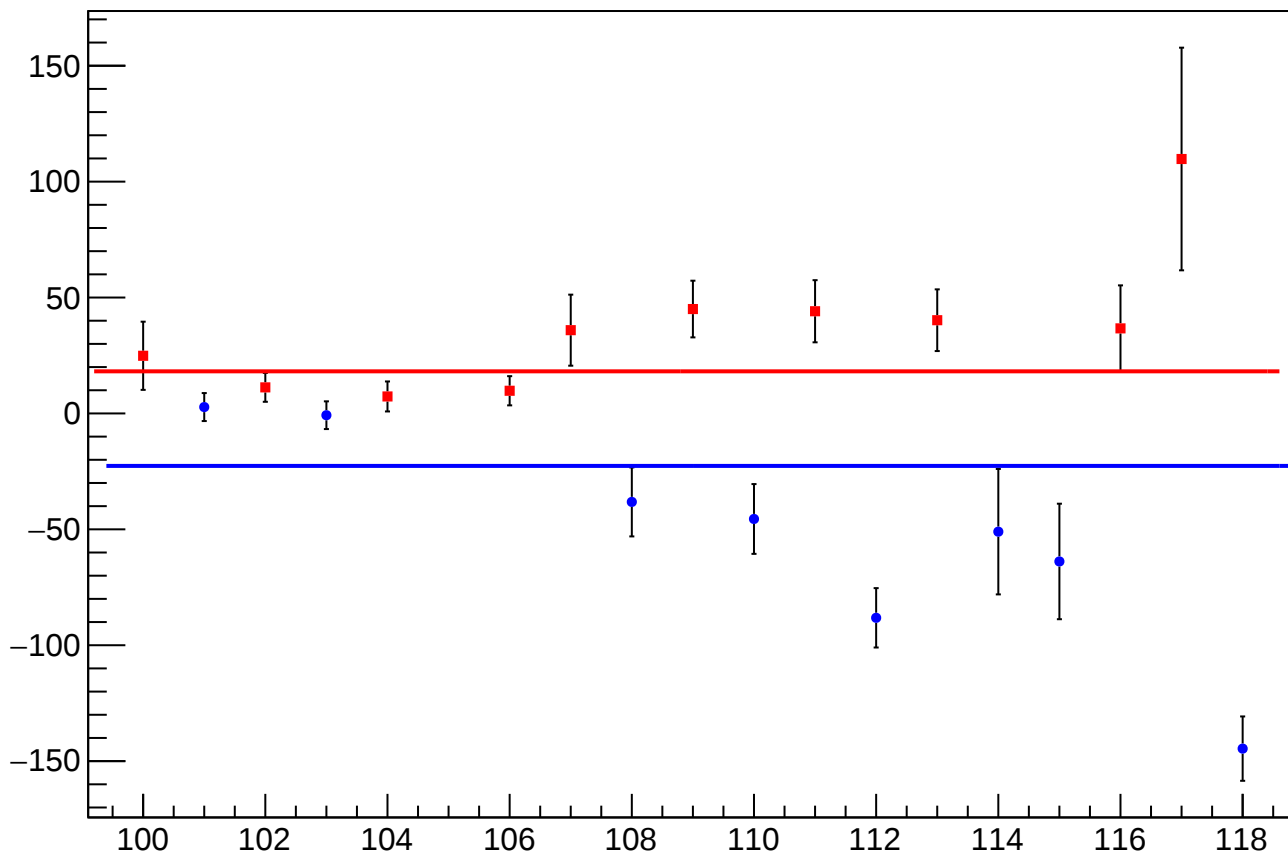
Right Out: 2313.187+/-1.406 χ^2/NDF : 3804546.8/9

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

2202.008+/-1.300 χ^2/NDF : 1903067.9/7

2313.187+/-1.406 χ^2/NDF : 3804546.8/9

diff_bpm0l04X_mean vs Slug



Right In: -22.637 $\pm$ 3.566 χ^2 /NDF: 141.7/7

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

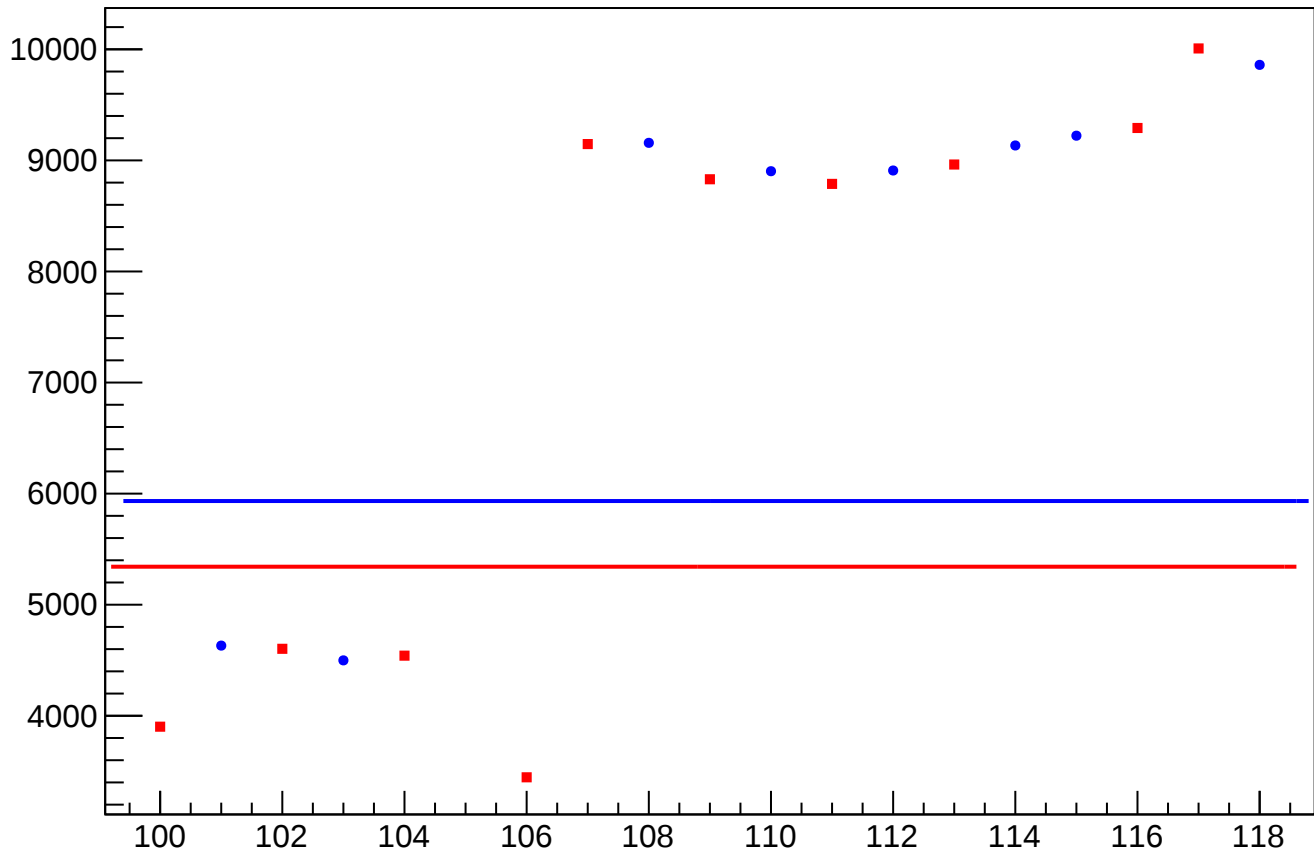
Right Out: 18.162 $\pm$ 3.086 χ^2 /NDF: 23.3/9

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

-22.637 $\pm$ 3.566 χ^2 /NDF: 141.7/7

18.162 $\pm$ 3.086 χ^2 /NDF: 23.3/9

diff_bpm0l04X_rms vs Slug



Right In: 5933.326+/-2.522 χ^2/NDF : 710745.6/7

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

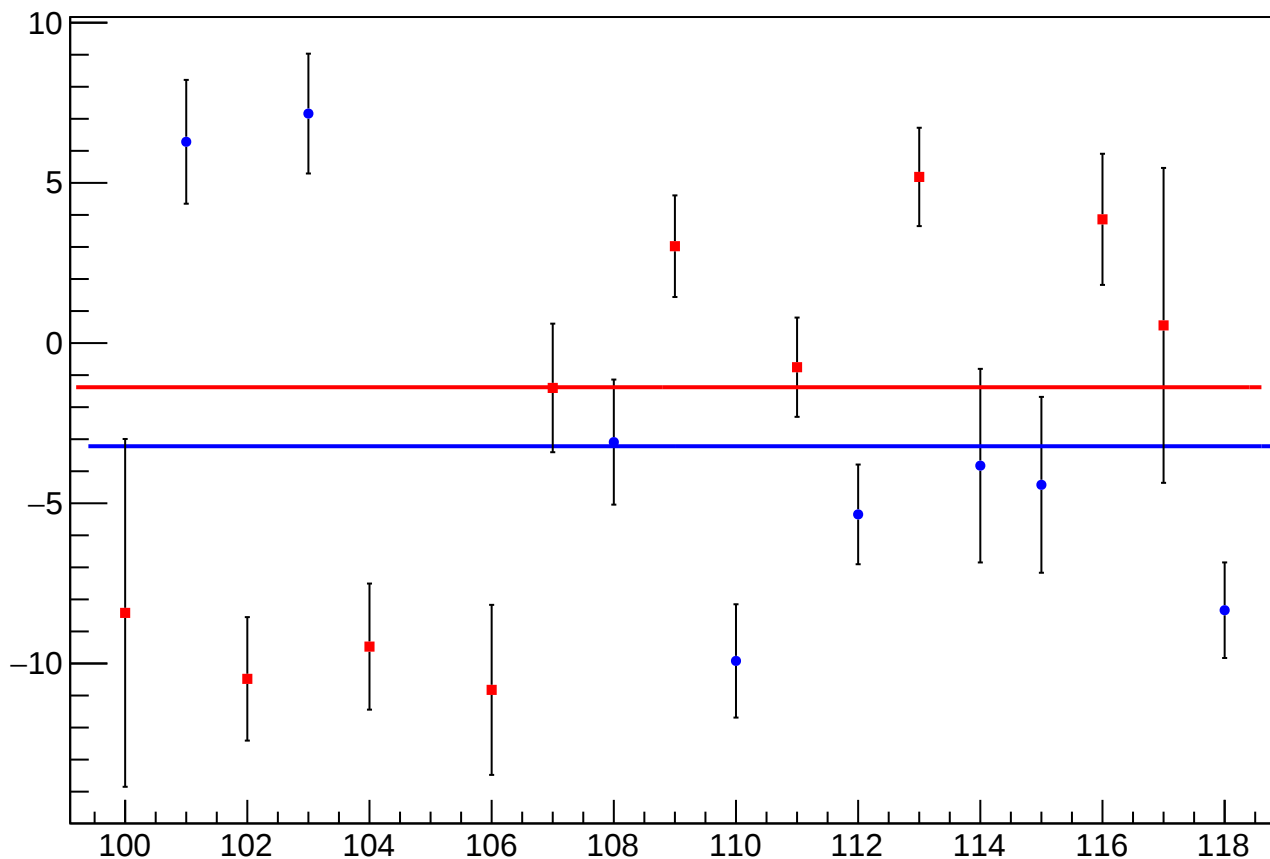
5933.326+/-2.522 χ^2/NDF : 710745.6/7

Right Out: 5342.117+/-2.182 χ^2/NDF : 935032.2/9

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

5342.117+/-2.182 χ^2/NDF : 935032.2/9

diff_bpm0l04Y_mean vs Slug



Right In: -3.219+/-0.668 χ^2/NDF : 83.3/7

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

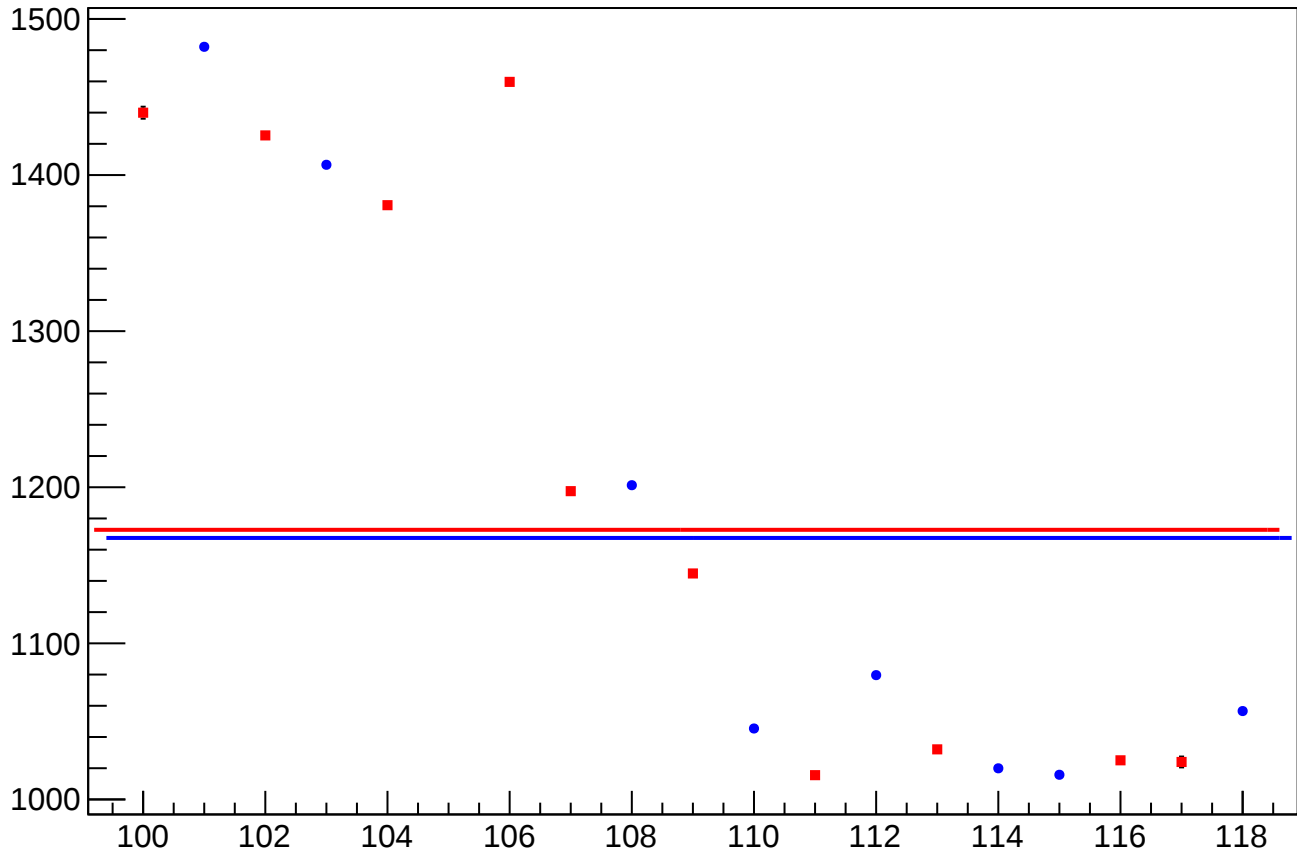
Right Out: -1.378+/-0.636 χ^2/NDF : 86.5/9

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

-3.219+/-0.668 χ^2/NDF : 83.3/7

-1.378+/-0.636 χ^2/NDF : 86.5/9

diff_bpm0l04Y_rms vs Slug



Right In: 1167.526 $\pm$ 0.472 χ^2 /NDF: 124184.2/7

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

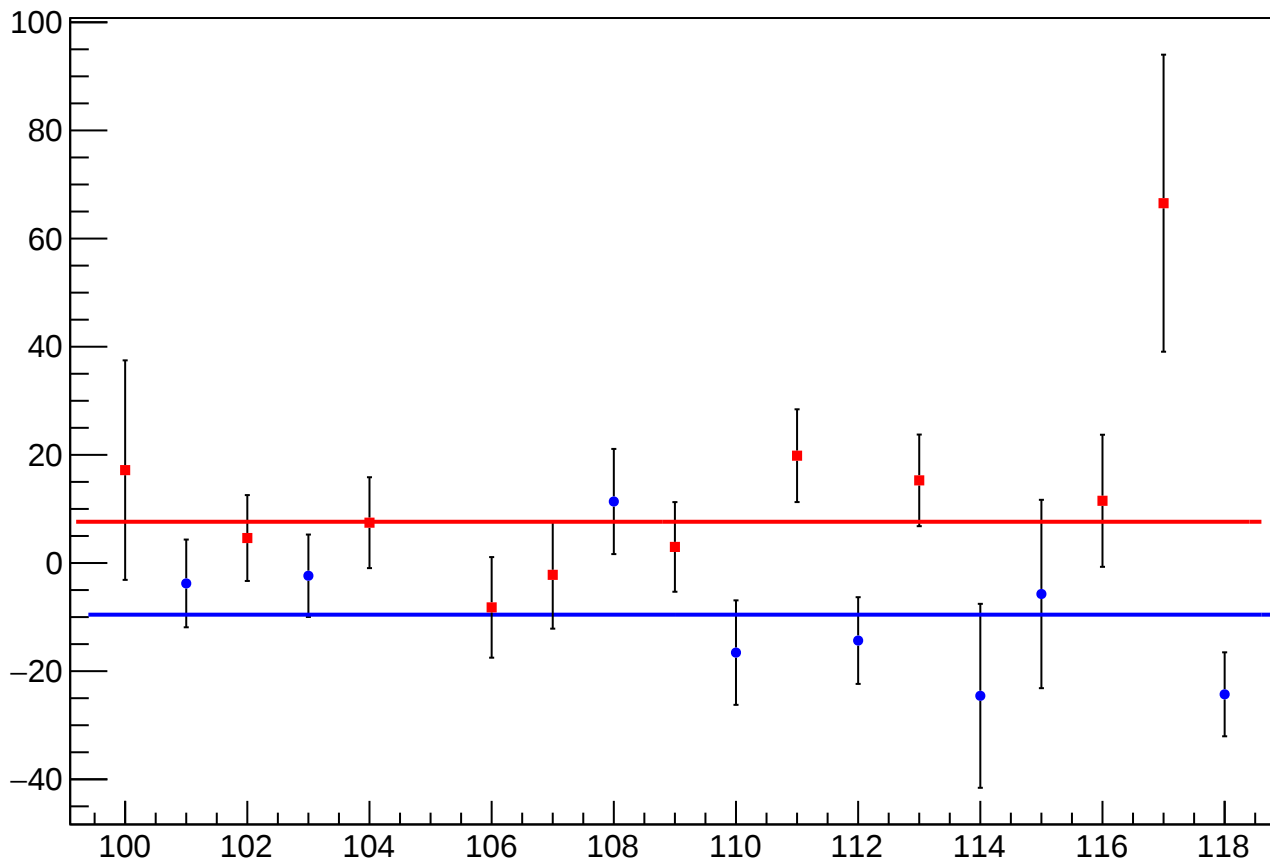
Right Out: 1172.730 $\pm$ 0.450 χ^2 /NDF: 135517.8/9

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

1167.526 $\pm$ 0.472 χ^2 /NDF: 124184.2/7

1172.730 $\pm$ 0.450 χ^2 /NDF: 135517.8/9

diff_bpm0l05X_mean vs Slug



Right In: -9.554+/-3.286 χ^2/NDF : 11.3/7

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

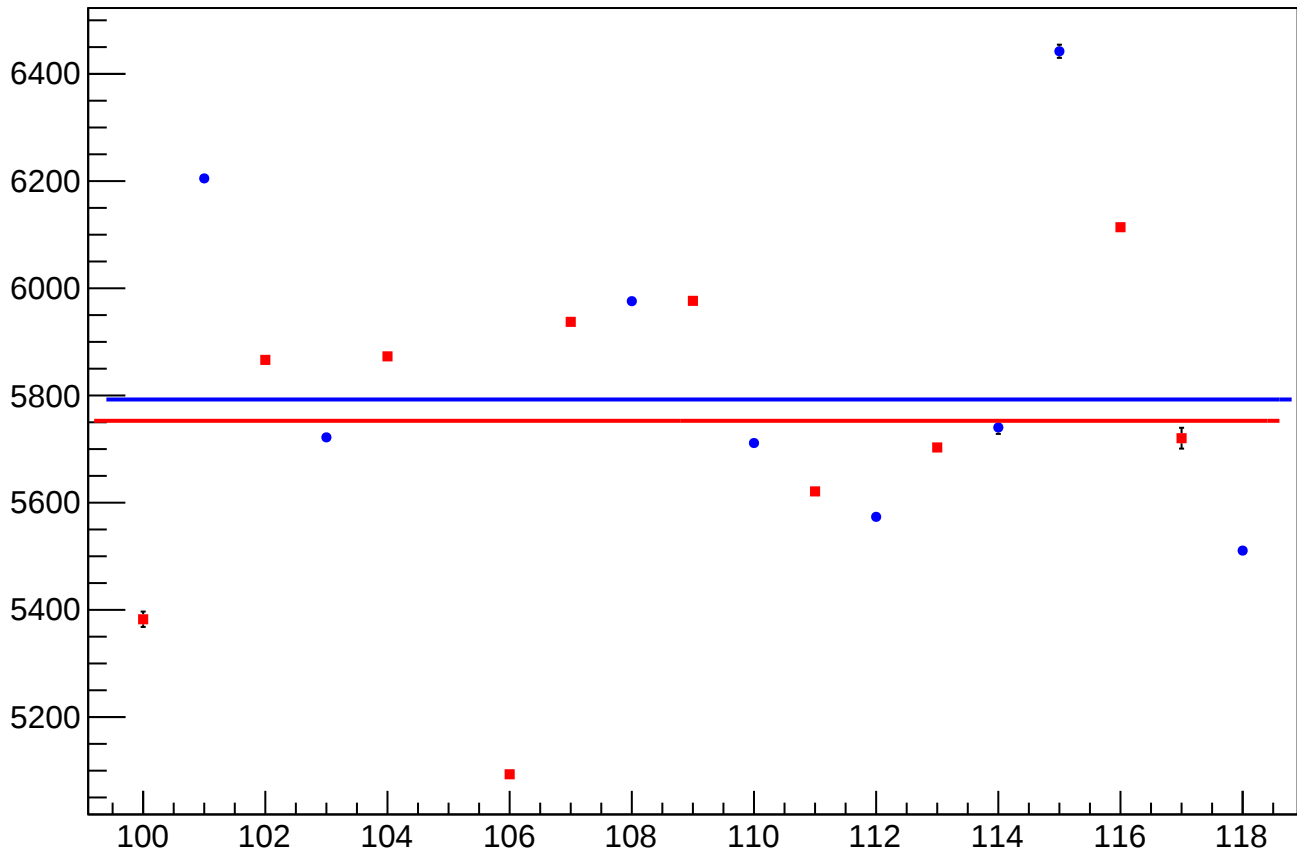
Right Out: 7.629+/-3.098 χ^2/NDF : 12.1/9

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

-9.554+/-3.286 χ^2/NDF : 11.3/7

7.629+/-3.098 χ^2/NDF : 12.1/9

diff_bpm0l05X_rms vs Slug



Right In: 5792.524+/-2.324 χ^2/NDF : 13126.6/7

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

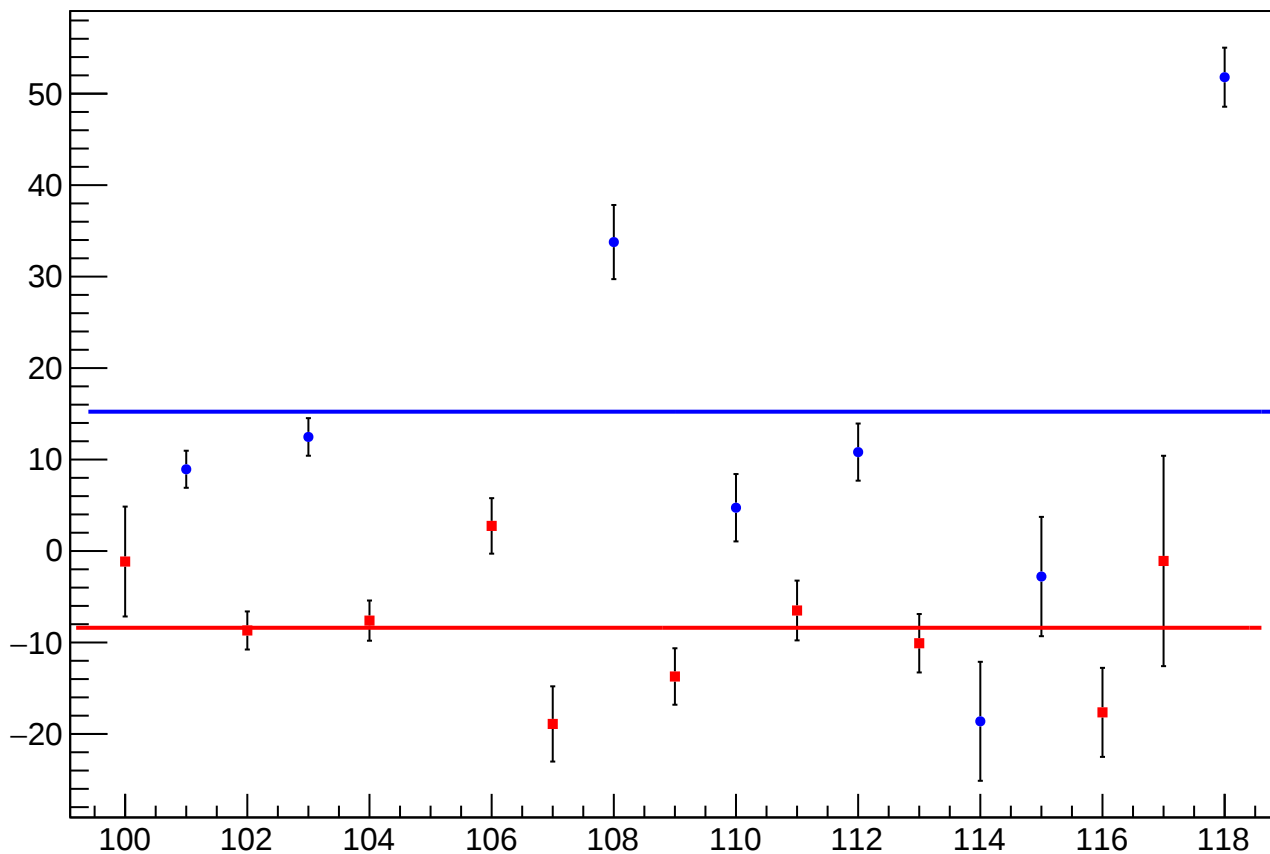
Right Out: 5752.757+/-2.191 χ^2/NDF : 15975.5/9

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

5792.524+/-2.324 χ^2/NDF : 13126.6/7

5752.757+/-2.191 χ^2/NDF : 15975.5/9

diff_bpm0l05Y_mean vs Slug



Right In: 15.232 $\pm$ 1.078 χ^2 /NDF: 205.6/7

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

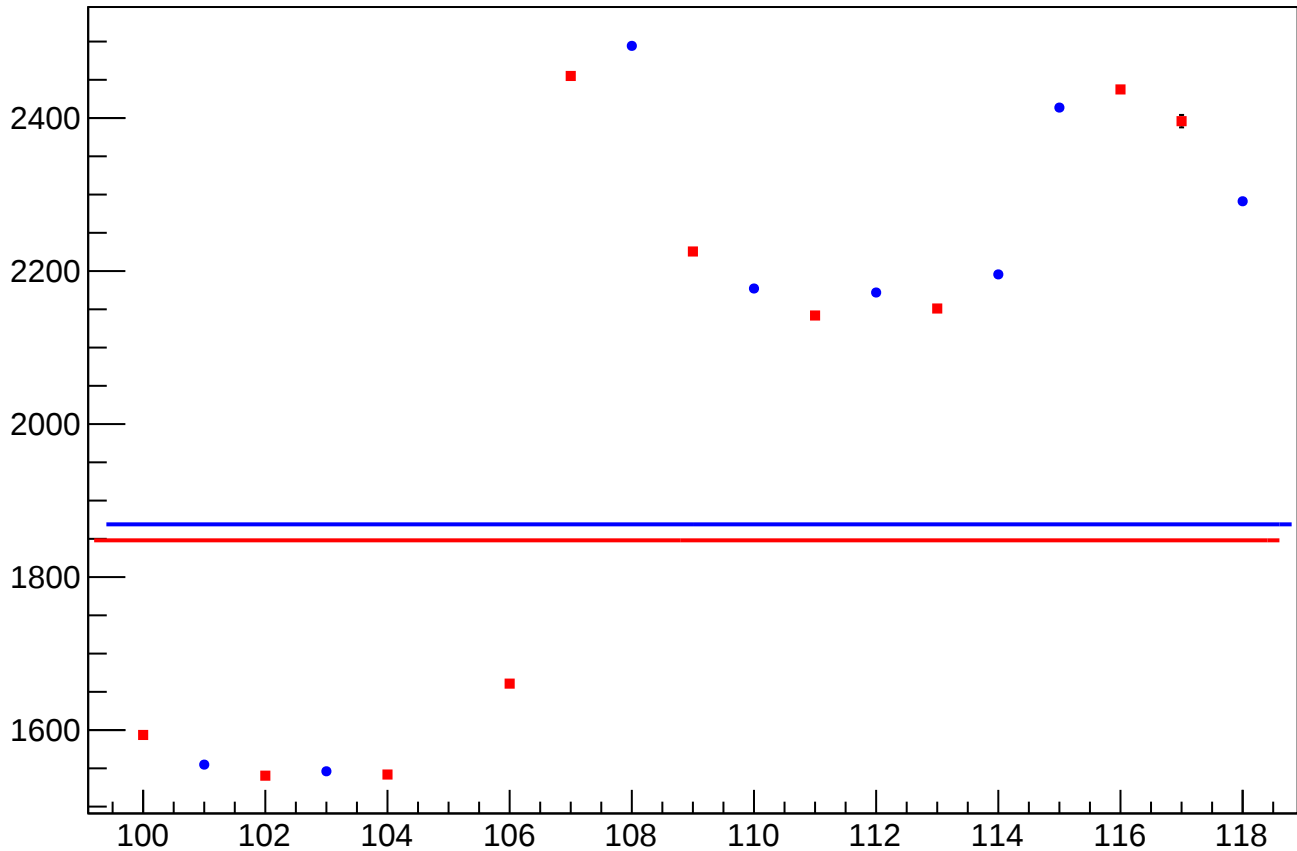
Right Out: -8.391 $\pm$ 1.010 χ^2 /NDF: 29.2/9

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

15.232 $\pm$ 1.078 χ^2 /NDF: 205.6/7

-8.391 $\pm$ 1.010 χ^2 /NDF: 29.2/9

diff_bpm0l05Y_rms vs Slug



Right In: 1868.934+/-0.762 χ^2/NDF : 231119.0/7

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

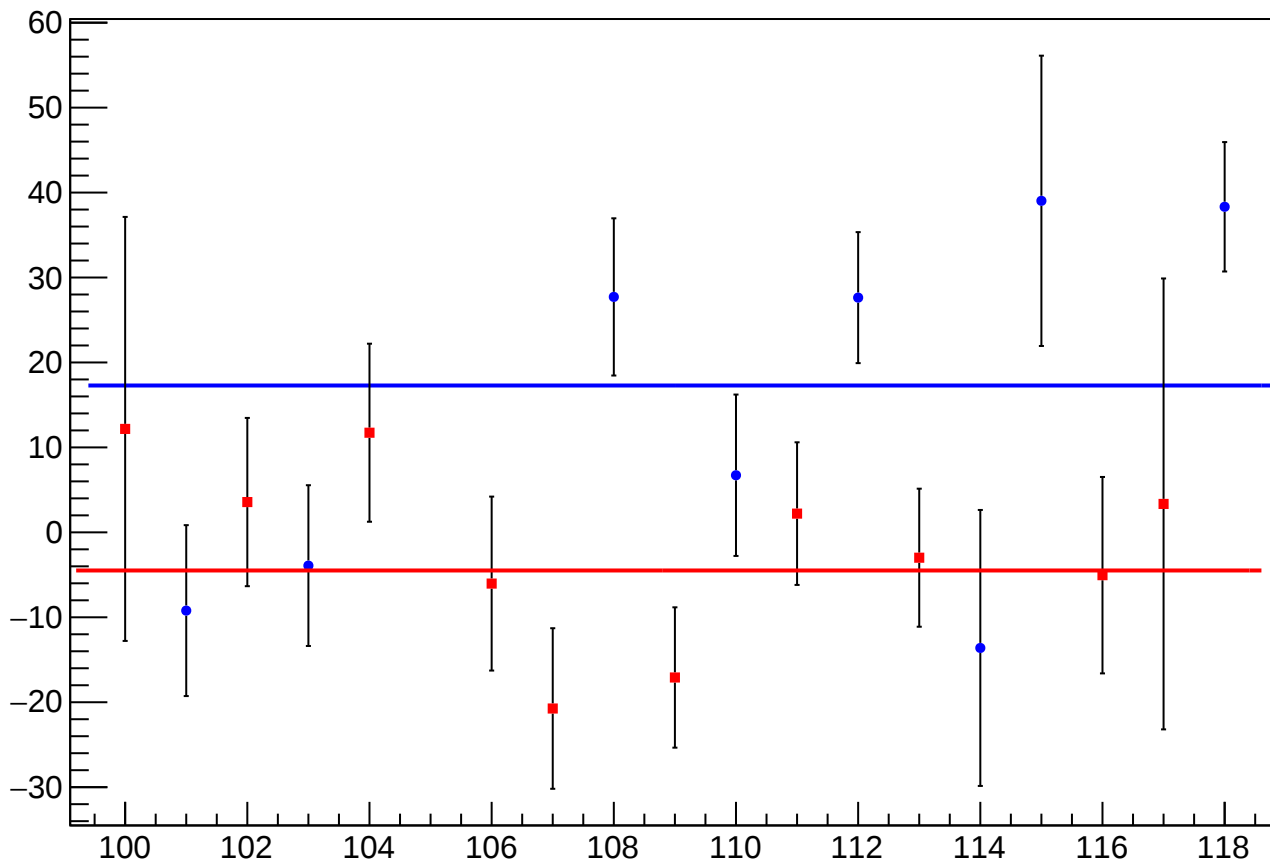
Right Out: 1848.039+/-0.714 χ^2/NDF : 235235.6/9

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

1868.934+/-0.762 χ^2/NDF : 231119.0/7

1848.039+/-0.714 χ^2/NDF : 235235.6/9

diff_bpm0l06X_mean vs Slug



Right In: 17.287+/-3.429 χ^2/NDF : 29.1/7

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

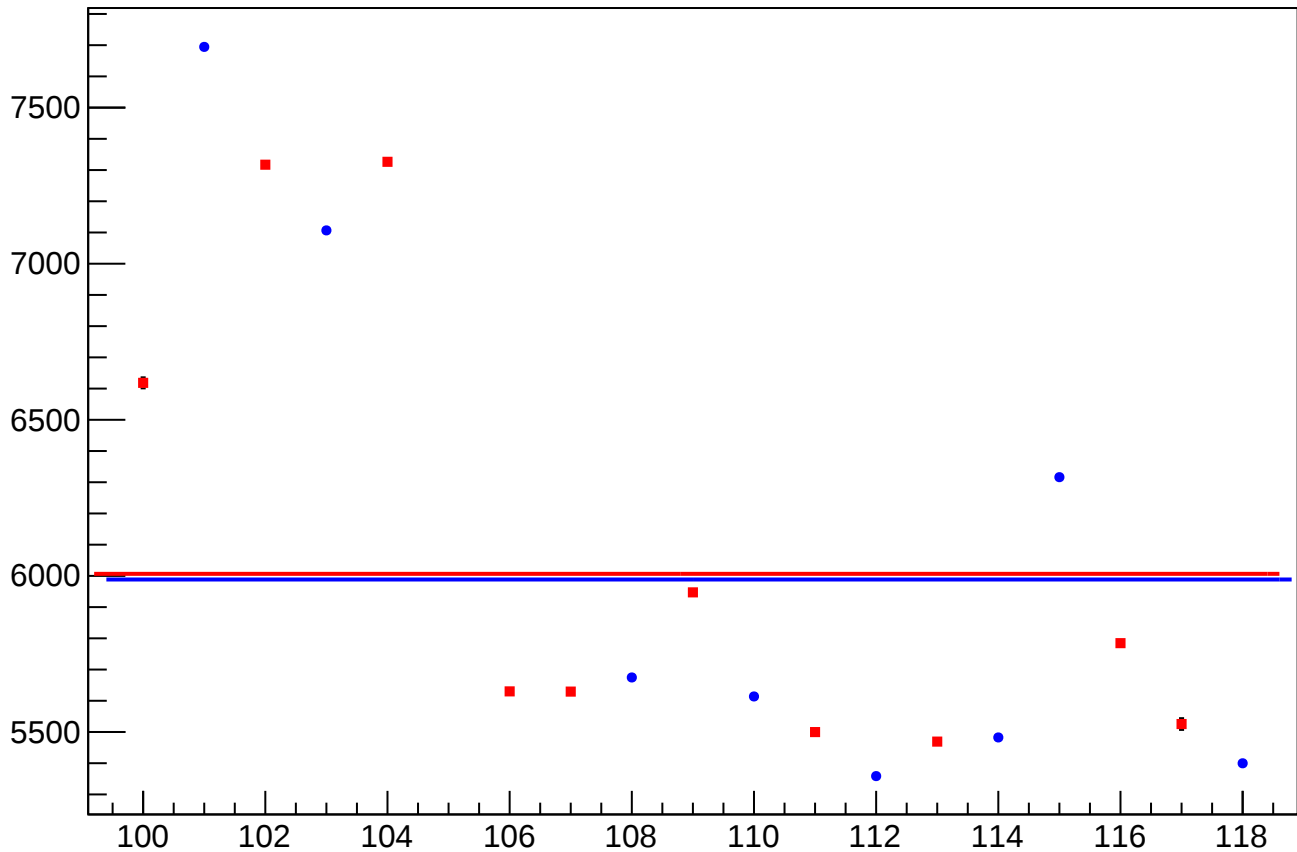
Right Out: -4.489+/-3.253 χ^2/NDF : 9.6/9

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

17.287+/-3.429 χ^2/NDF : 29.1/7

-4.489+/-3.253 χ^2/NDF : 9.6/9

diff_bpm0l06X_rms vs Slug



Right In: 5988.454 $\pm$ 2.424 χ^2 /NDF: 118817.0/7

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

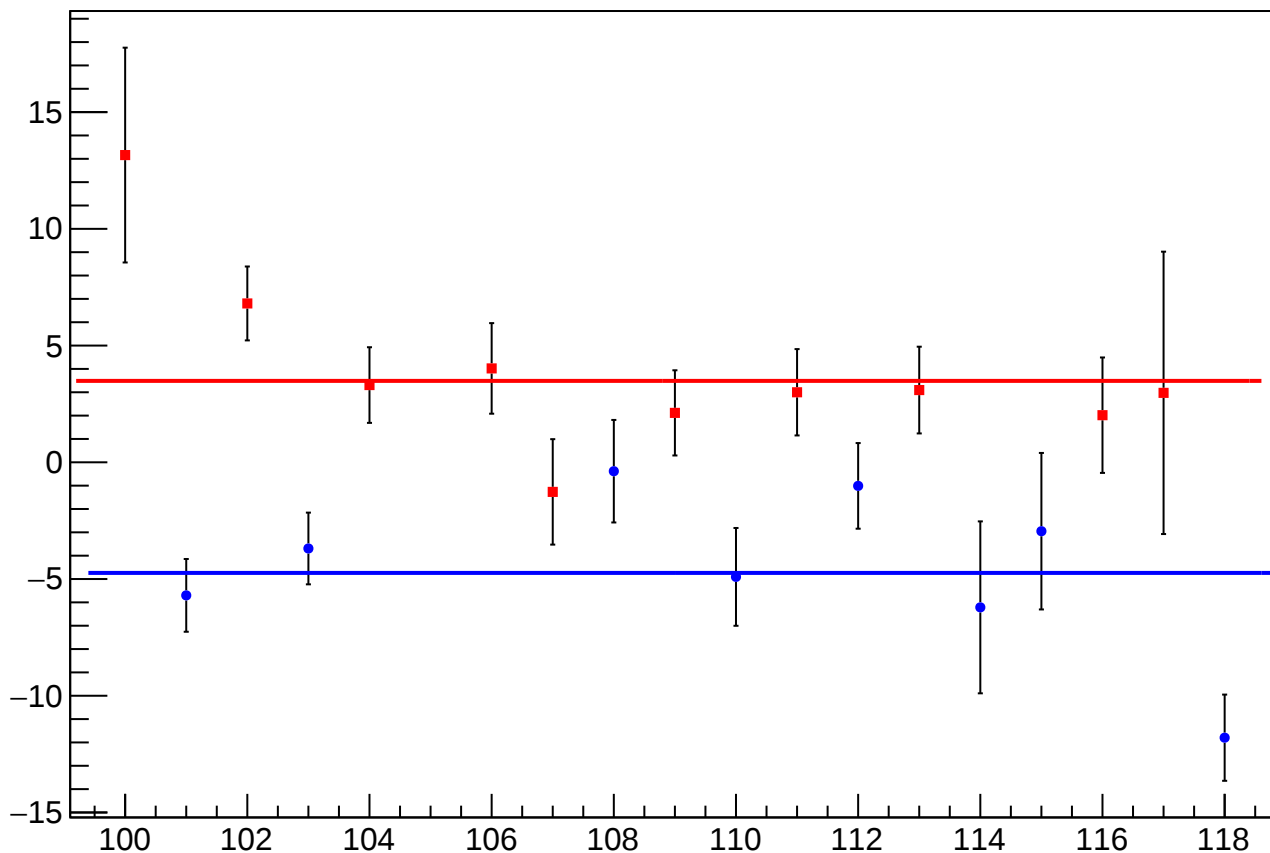
Right Out: 6006.590 $\pm$ 2.300 χ^2 /NDF: 91357.1/9

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

5988.454 $\pm$ 2.424 χ^2 /NDF: 118817.0/7

6006.590 $\pm$ 2.300 χ^2 /NDF: 91357.1/9

diff_bpm0l06Y_mean vs Slug



Right In: -4.738 $\pm$ 0.703 χ^2 /NDF: 24.0/7

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

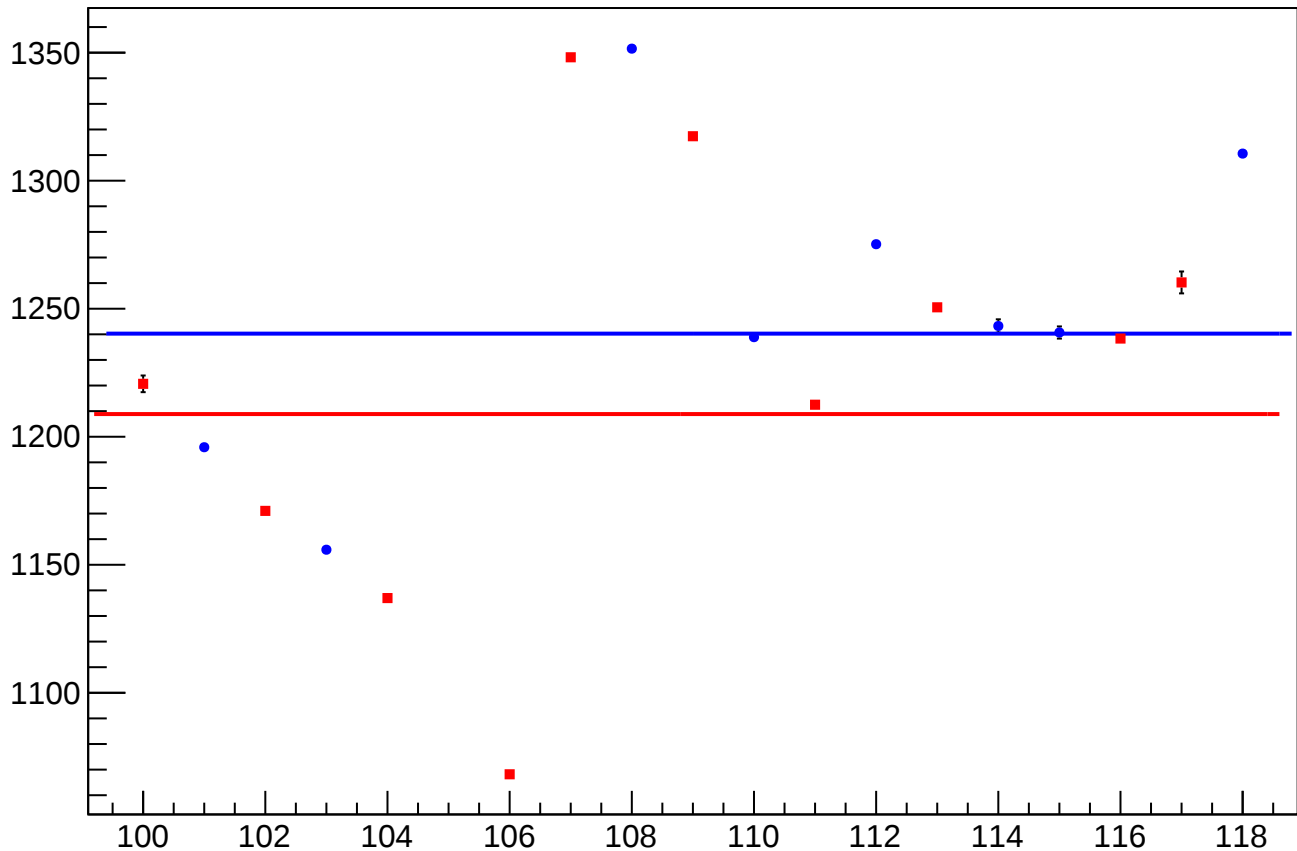
Right Out: 3.487 $\pm$ 0.651 χ^2 /NDF: 14.4/9

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

-4.738 $\pm$ 0.703 χ^2 /NDF: 24.0/7

3.487 $\pm$ 0.651 χ^2 /NDF: 14.4/9

diff_bpm0l06Y_rms vs Slug



Right In: 1240.270 $\pm$ 0.497 χ^2 /NDF: 16423.0/7

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

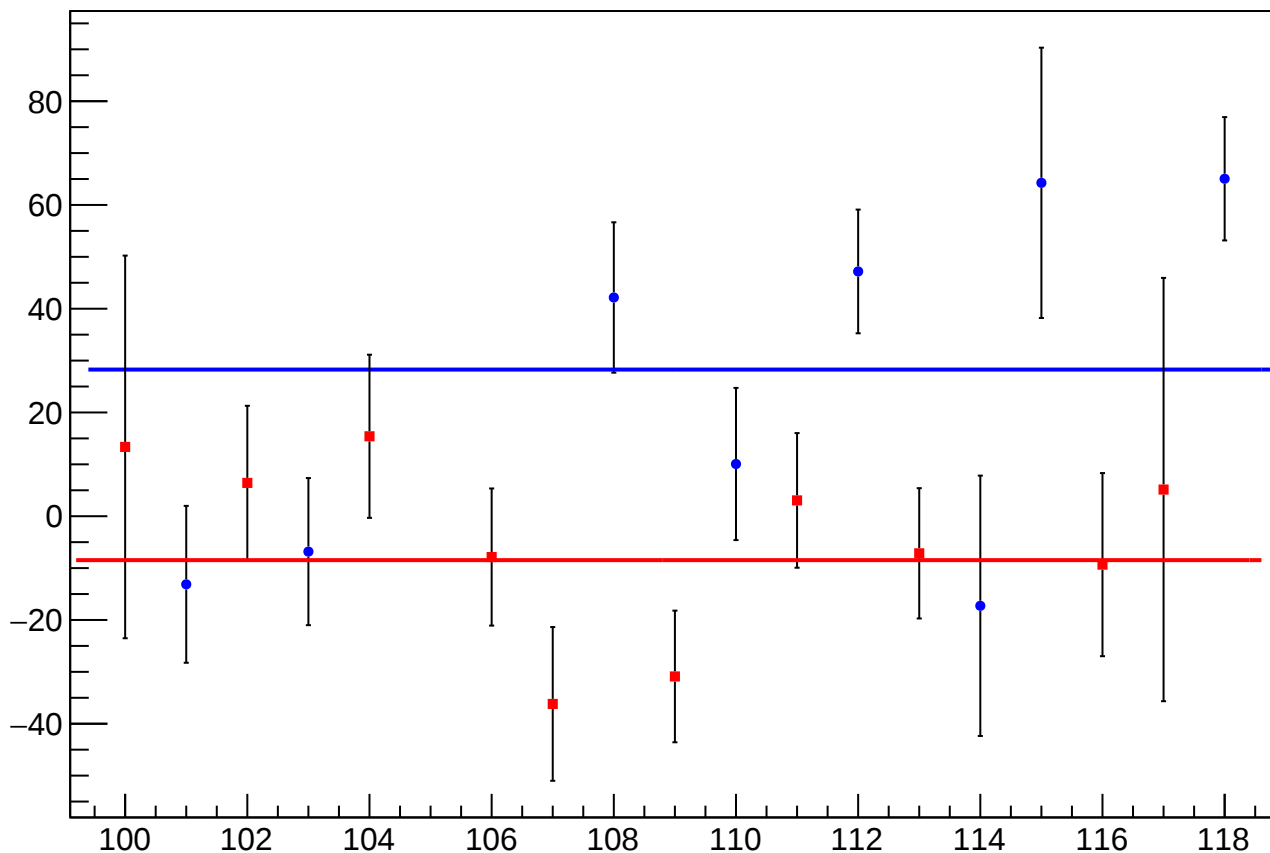
Right Out: 1208.858 $\pm$ 0.460 χ^2 /NDF: 31735.4/9

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

1240.270 $\pm$ 0.497 χ^2 /NDF: 16423.0/7

1208.858 $\pm$ 0.460 χ^2 /NDF: 31735.4/9

diff_bpm0l07X_mean vs Slug



Right In: 28.270 $\pm$ 5.276 χ^2 /NDF: 33.4/7

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

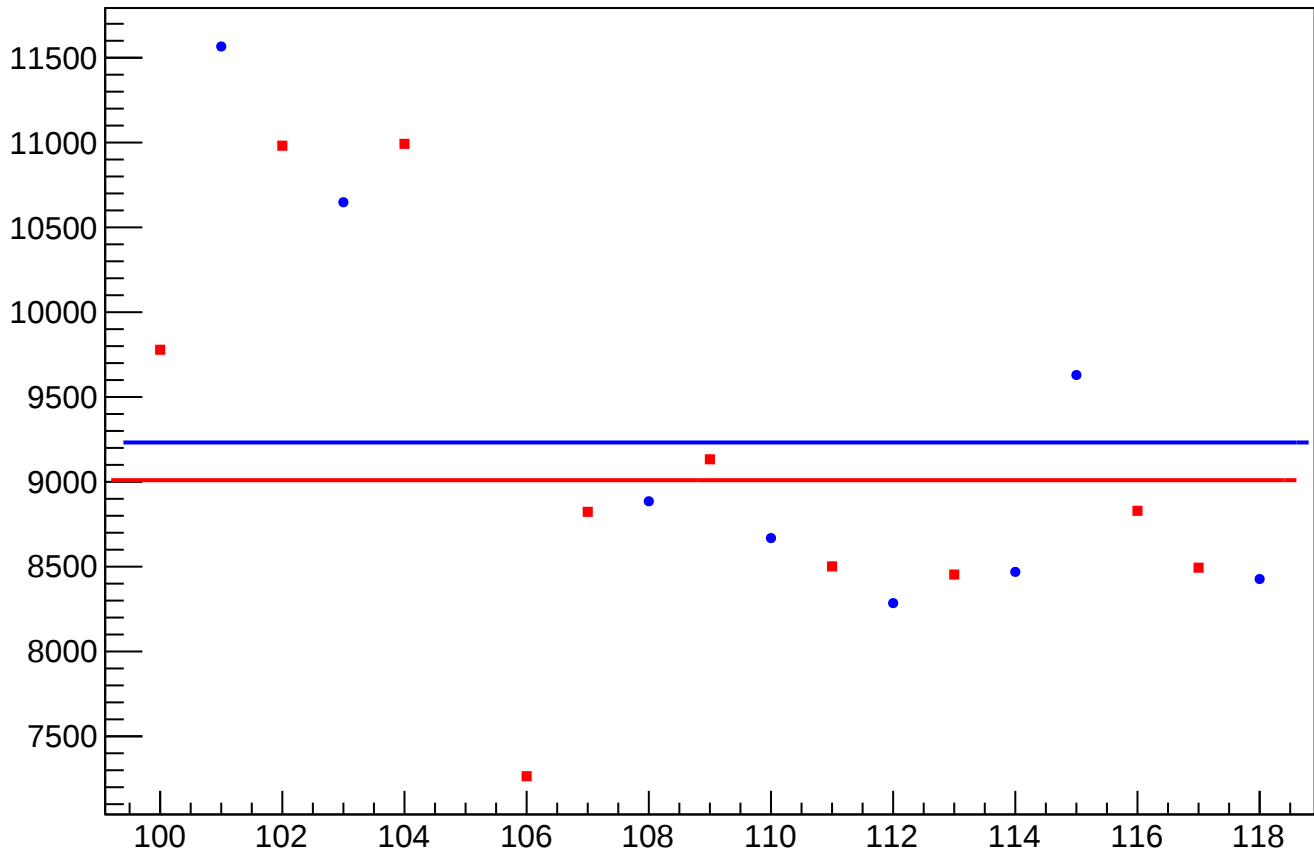
Right Out: -8.467 $\pm$ 4.886 χ^2 /NDF: 11.2/9

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

28.270 $\pm$ 5.276 χ^2 /NDF: 33.4/7

-8.467 $\pm$ 4.886 χ^2 /NDF: 11.2/9

diff_bpm0l07X_rms vs Slug



Right In: 9232.072 $\pm$ 3.730 χ^2 /NDF: 95799.6/7

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

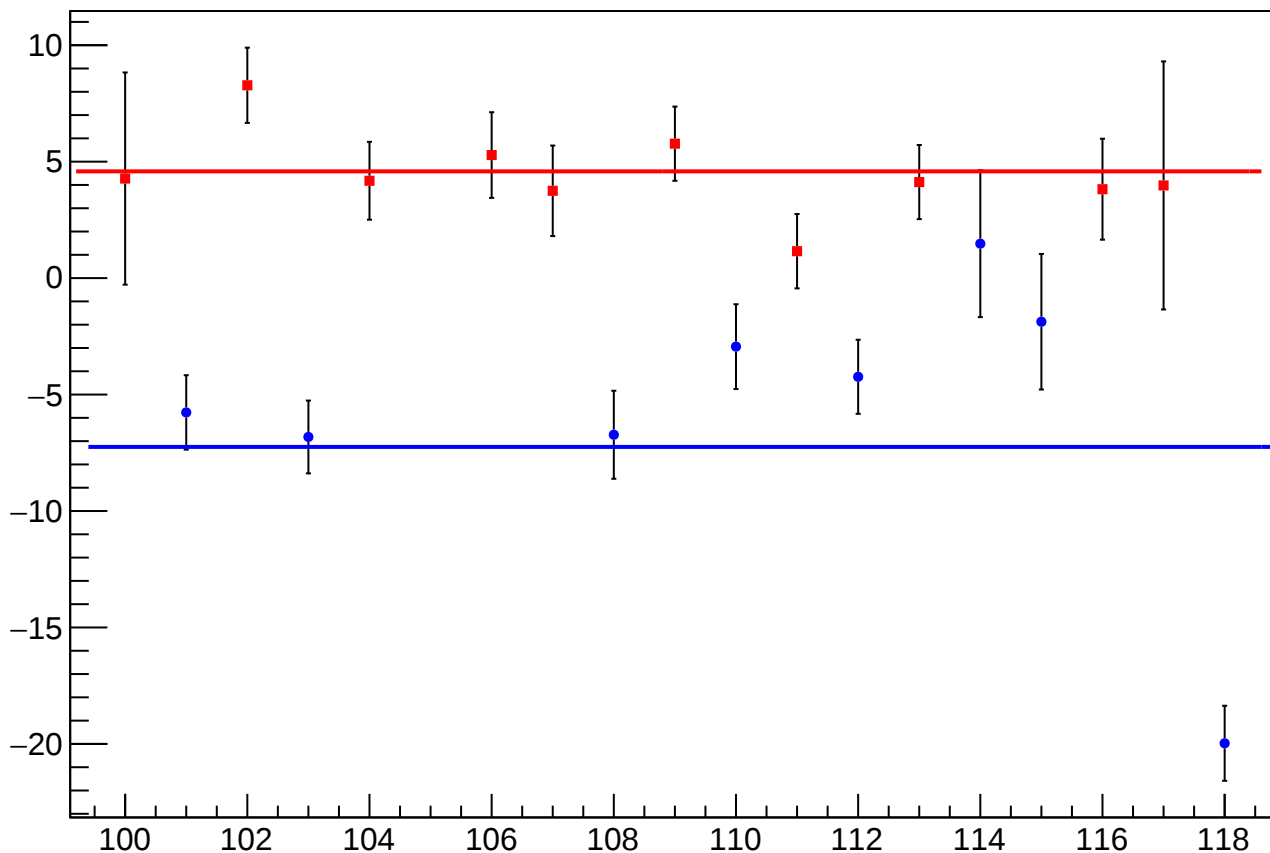
Right Out: 9009.807 $\pm$ 3.455 χ^2 /NDF: 110731.7/9

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

9232.072 $\pm$ 3.730 χ^2 /NDF: 95799.6/7

9009.807 $\pm$ 3.455 χ^2 /NDF: 110731.7/9

diff_bpm0l07Y_mean vs Slug



Right In: -7.247+/-0.648 χ^2 /NDF: 83.6/7

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

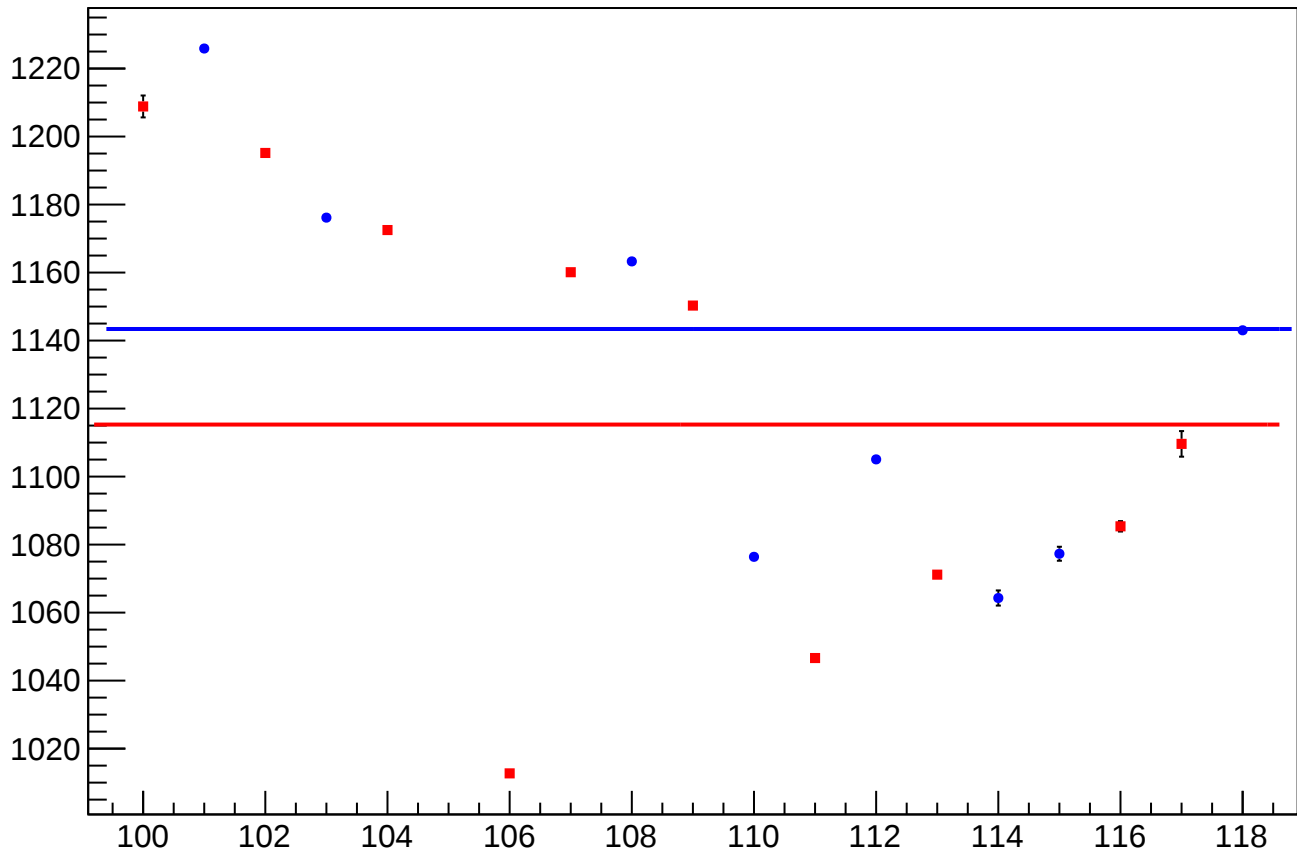
Right Out: 4.583+/-0.600 χ^2 /NDF: 11.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.247+/-0.648 χ^2 /NDF: 83.6/7

4.583+/-0.600 χ^2 /NDF: 11.0/9

diff_bpm0l07Y_rms vs Slug



Right In: 1143.404 $\pm$ 0.458 χ^2 /NDF: 12594.9/7

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

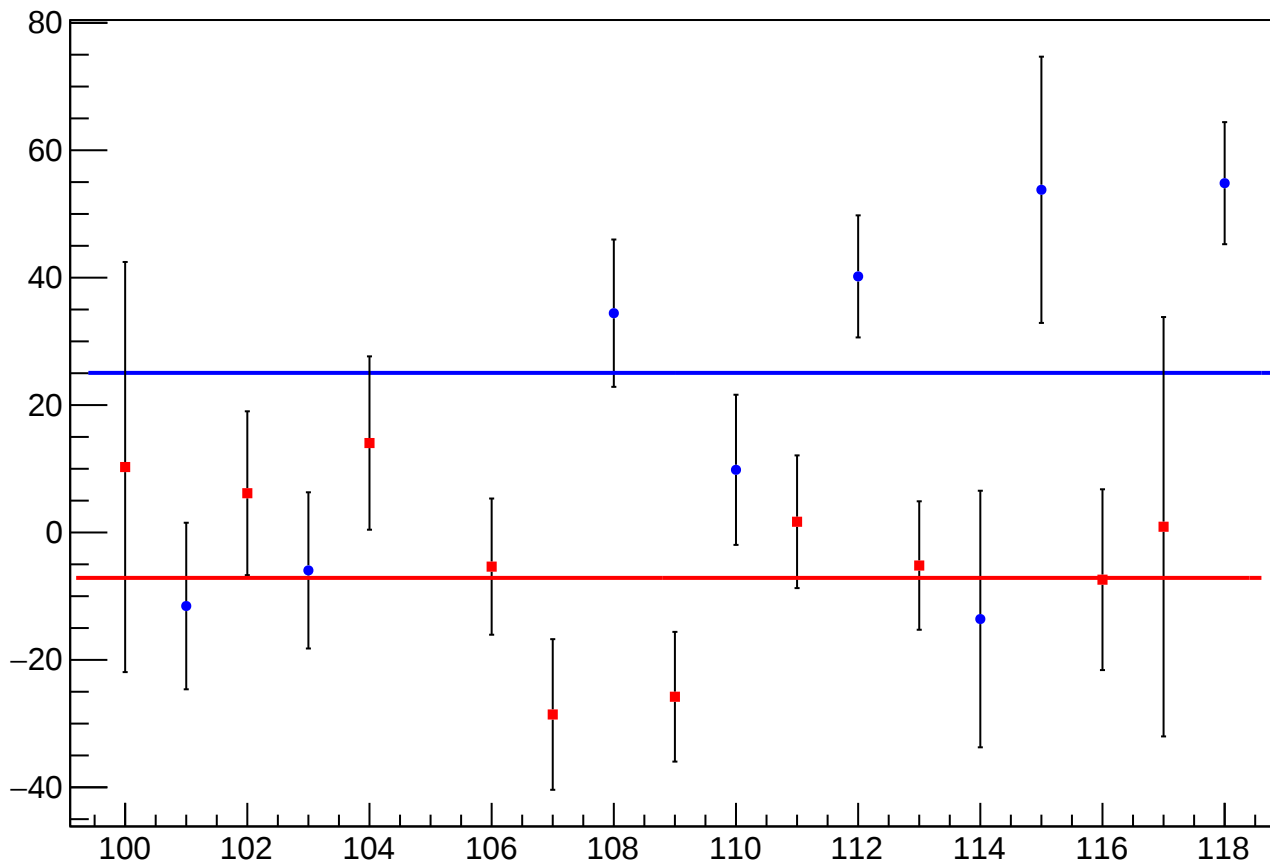
Right Out: 1115.299 $\pm$ 0.424 χ^2 /NDF: 21945.8/9

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

1143.404 $\pm$ 0.458 χ^2 /NDF: 12594.9/7

1115.299 $\pm$ 0.424 χ^2 /NDF: 21945.8/9

diff_bpm0l08X_mean vs Slug



Right In: 25.054+/-4.314 χ^2/NDF : 34.3/7

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

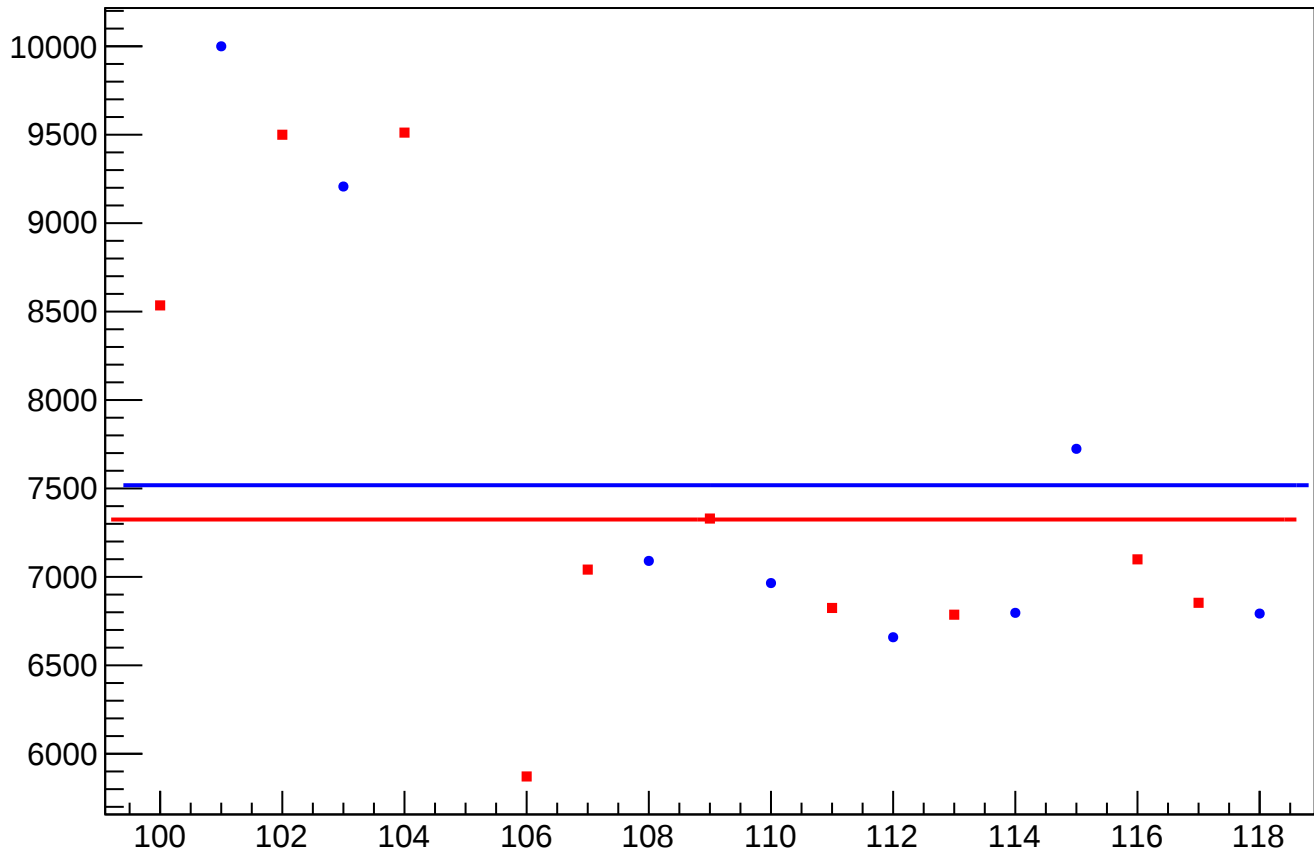
Right Out: -7.128+/-3.987 χ^2/NDF : 11.3/9

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

25.054+/-4.314 χ^2/NDF : 34.3/7

-7.128+/-3.987 χ^2/NDF : 11.3/9

diff_bpm0l08X_rms vs Slug



Right In: 7518.285 $\pm$ 3.051 χ^2 /NDF: 147484.3/7

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

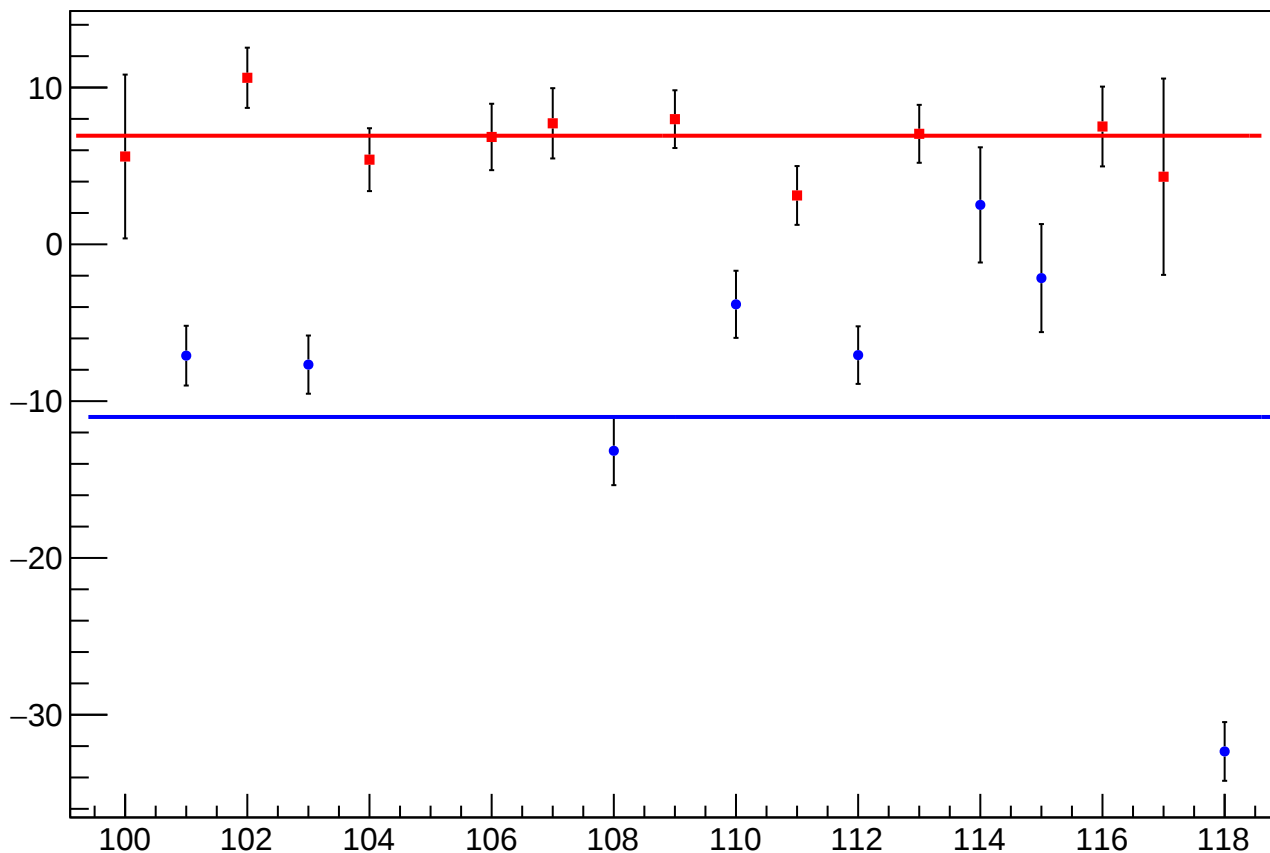
Right Out: 7324.437 $\pm$ 2.819 χ^2 /NDF: 161060.5/9

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

7518.285 $\pm$ 3.051 χ^2 /NDF: 147484.3/7

7324.437 $\pm$ 2.819 χ^2 /NDF: 161060.5/9

diff_bpm0l08Y_mean vs Slug



Right In: -11.010 ± 0.760 $\chi^2/\text{NDF}: 174.3/7$

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

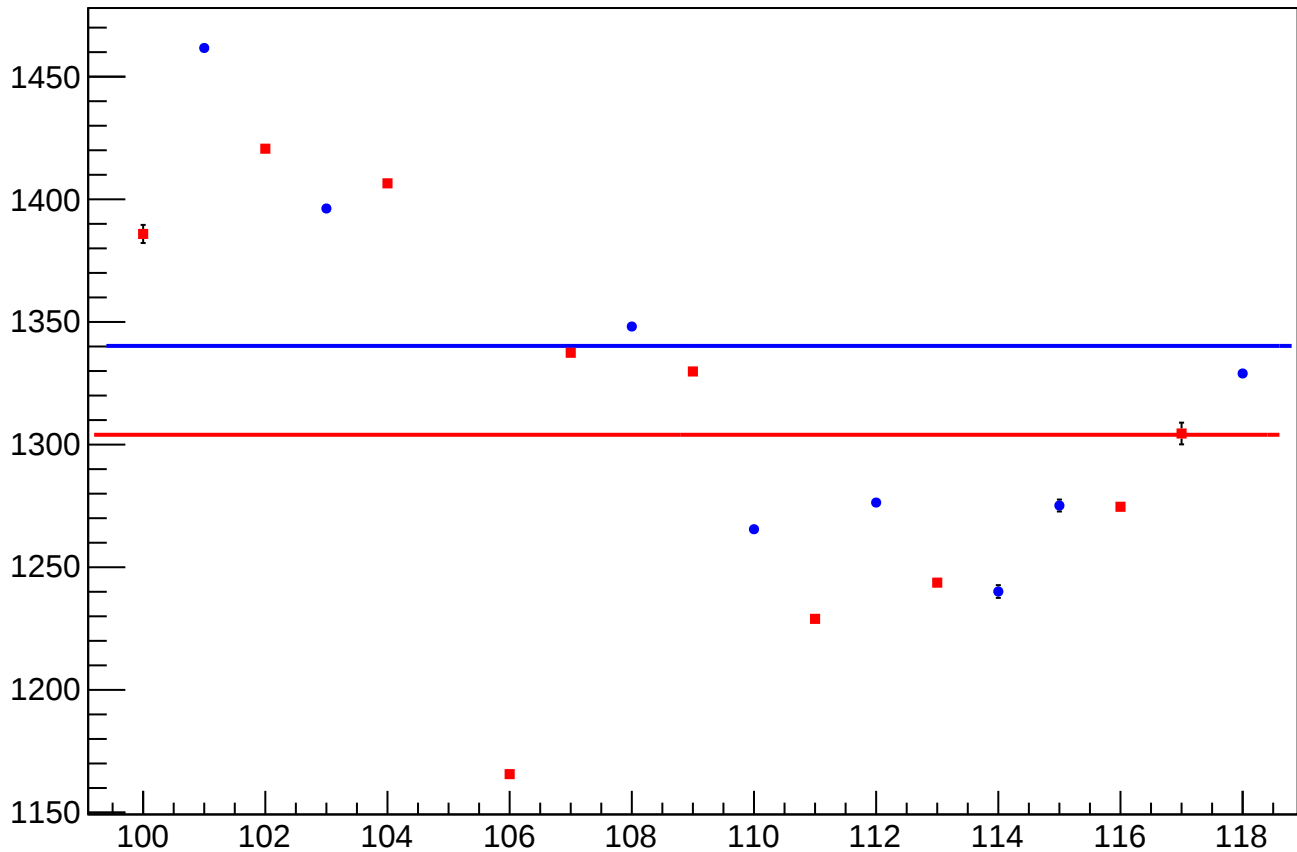
Right Out: 6.927 ± 0.702 $\chi^2/\text{NDF}: 9.2/9$

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

-11.010 ± 0.760 $\chi^2/\text{NDF}: 174.3/7$

6.927 ± 0.702 $\chi^2/\text{NDF}: 9.2/9$

diff_bpm0l08Y_rms vs Slug



Right In: 1340.239 $\pm$ 0.537 χ^2 /NDF: 17110.3/7

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

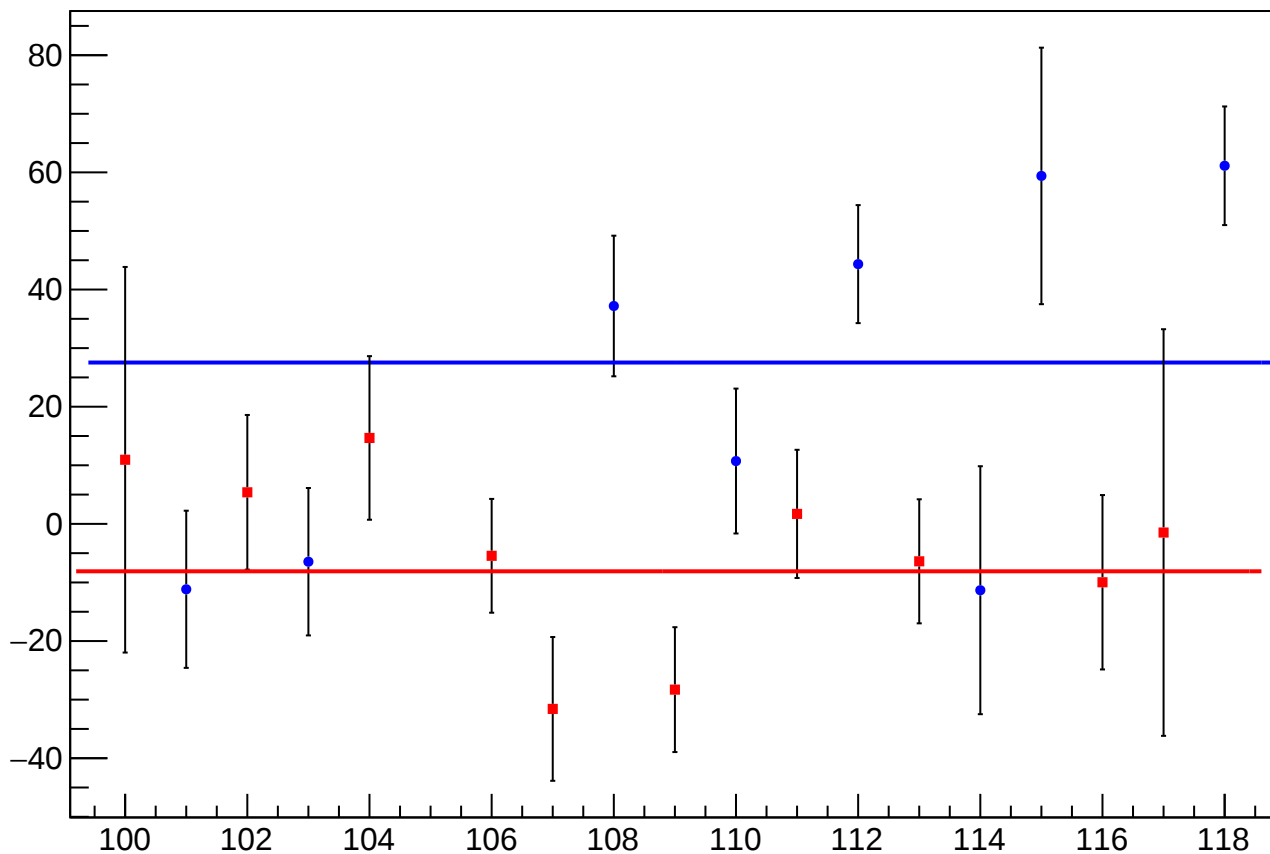
Right Out: 1304.007 $\pm$ 0.496 χ^2 /NDF: 28077.0/9

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

1340.239 $\pm$ 0.537 χ^2 /NDF: 17110.3/7

1304.007 $\pm$ 0.496 χ^2 /NDF: 28077.0/9

diff_bpm0l09X_mean vs Slug



Right In: 27.541 $\pm$ 4.504 χ^2 /NDF: 37.4/7

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

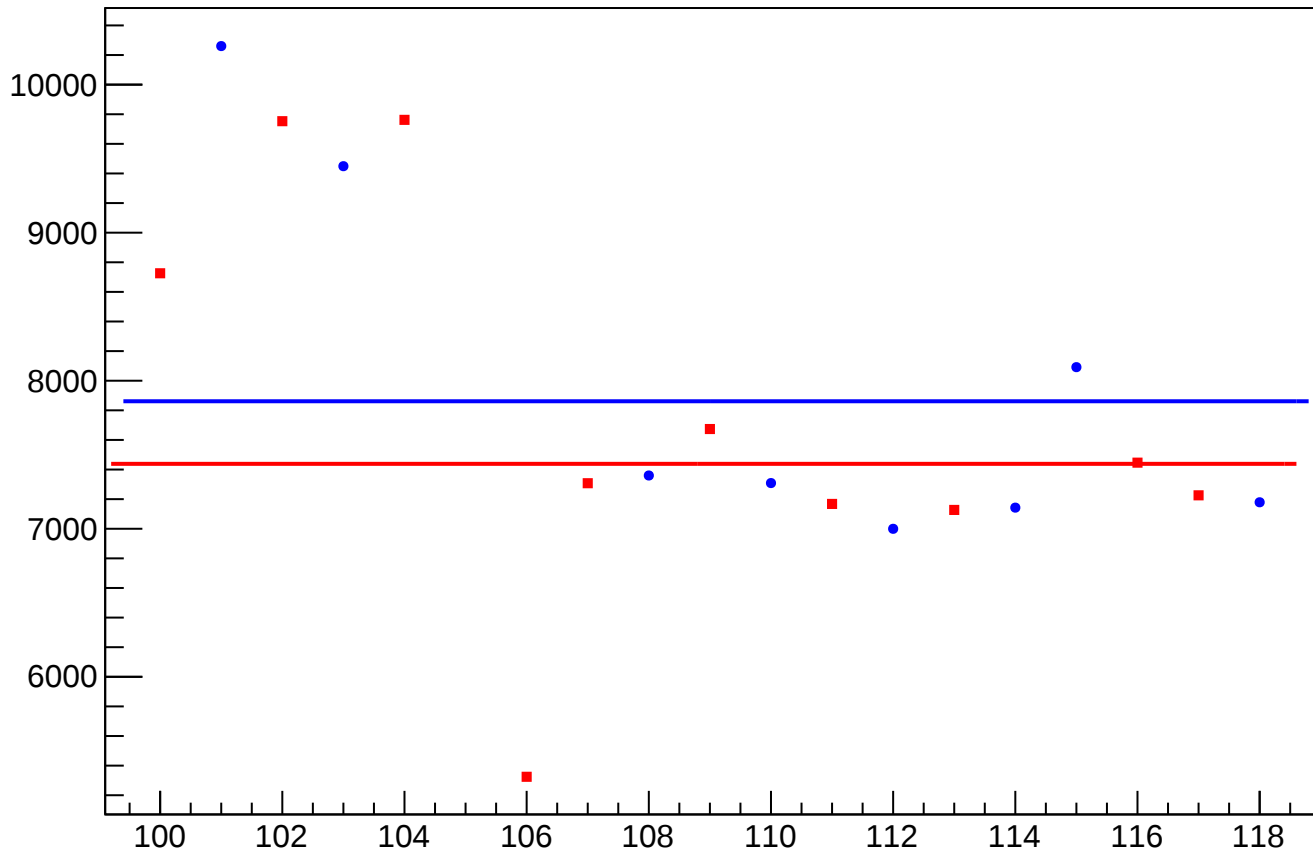
Right Out: -8.095 $\pm$ 4.067 χ^2 /NDF: 12.2/9

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

27.541 $\pm$ 4.504 χ^2 /NDF: 37.4/7

-8.095 $\pm$ 4.067 χ^2 /NDF: 12.2/9

diff_bpm0l09X_rms vs Slug



Right In: 7861.228 $\pm$ 3.185 χ^2 /NDF: 129577.9/7

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

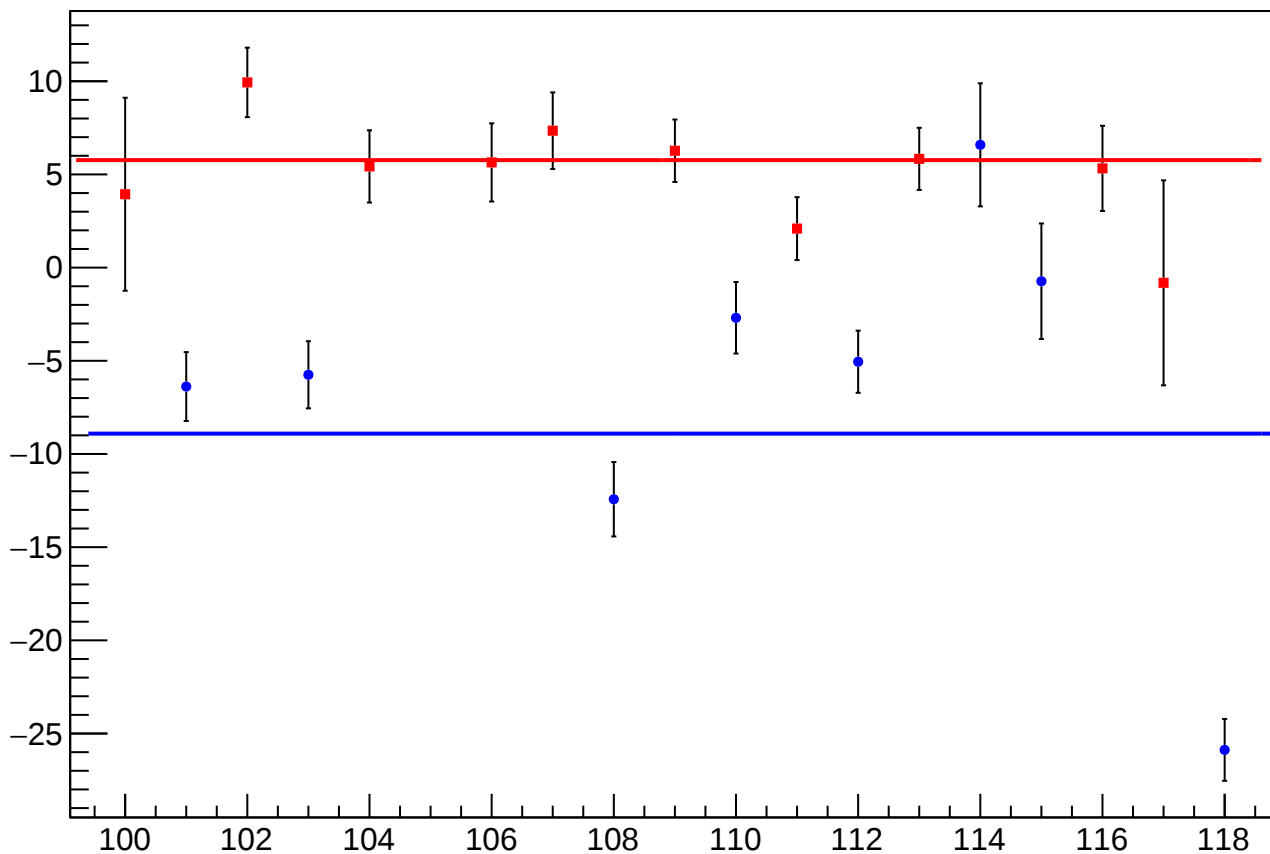
Right Out: 7438.509 $\pm$ 2.876 χ^2 /NDF: 218888.7/9

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

7861.228 $\pm$ 3.185 χ^2 /NDF: 129577.9/7

7438.509 $\pm$ 2.876 χ^2 /NDF: 218888.7/9

diff_bpm0l09Y_mean vs Slug



Right In: -8.908+/-0.700 χ^2 /NDF: 157.7/7

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

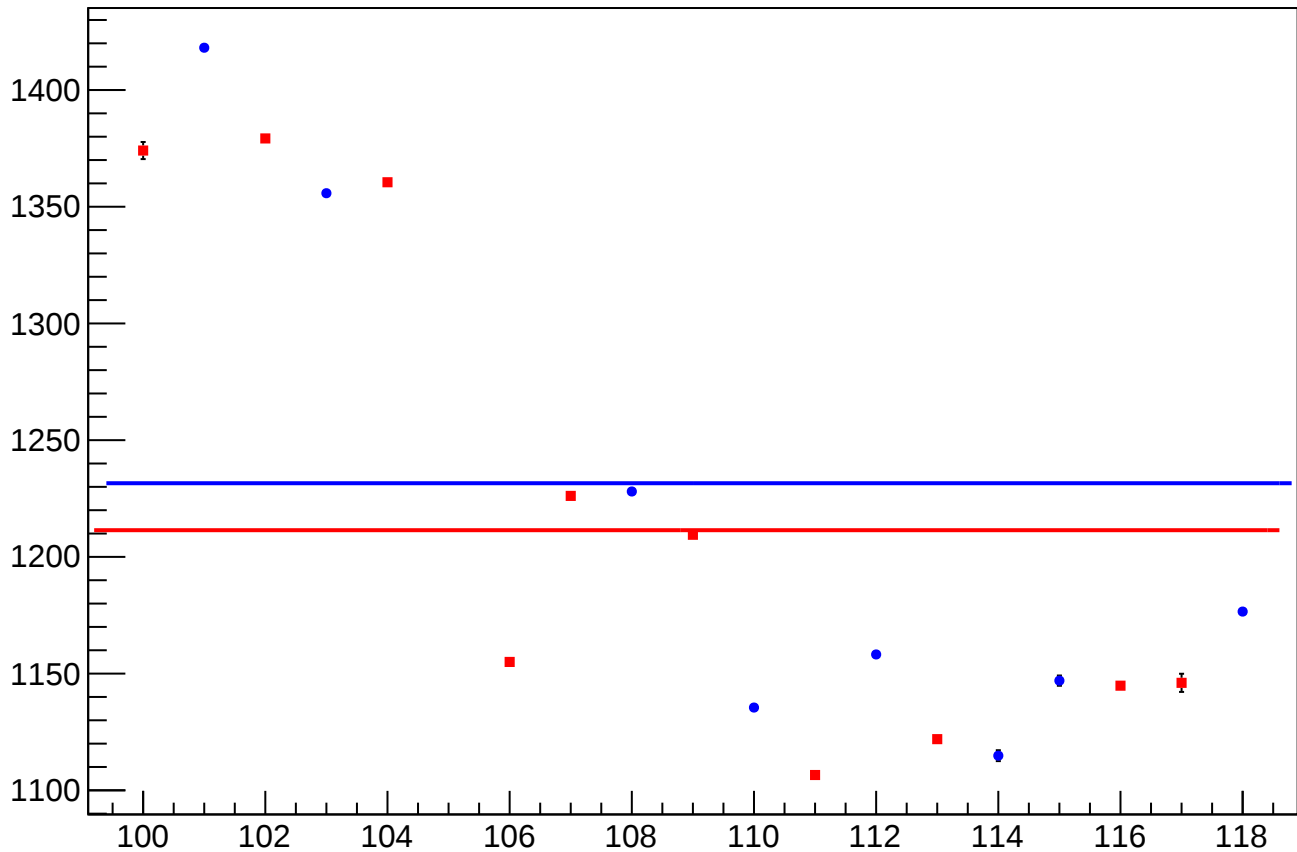
Right Out: 5.767+/-0.653 χ^2 /NDF: 12.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.908+/-0.700 χ^2 /NDF: 157.7/7

5.767+/-0.653 χ^2 /NDF: 12.1/9

diff_bpm0l09Y_rms vs Slug



Right In: 1231.554 $\pm$ 0.495 χ^2 /NDF: 44964.3/7

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

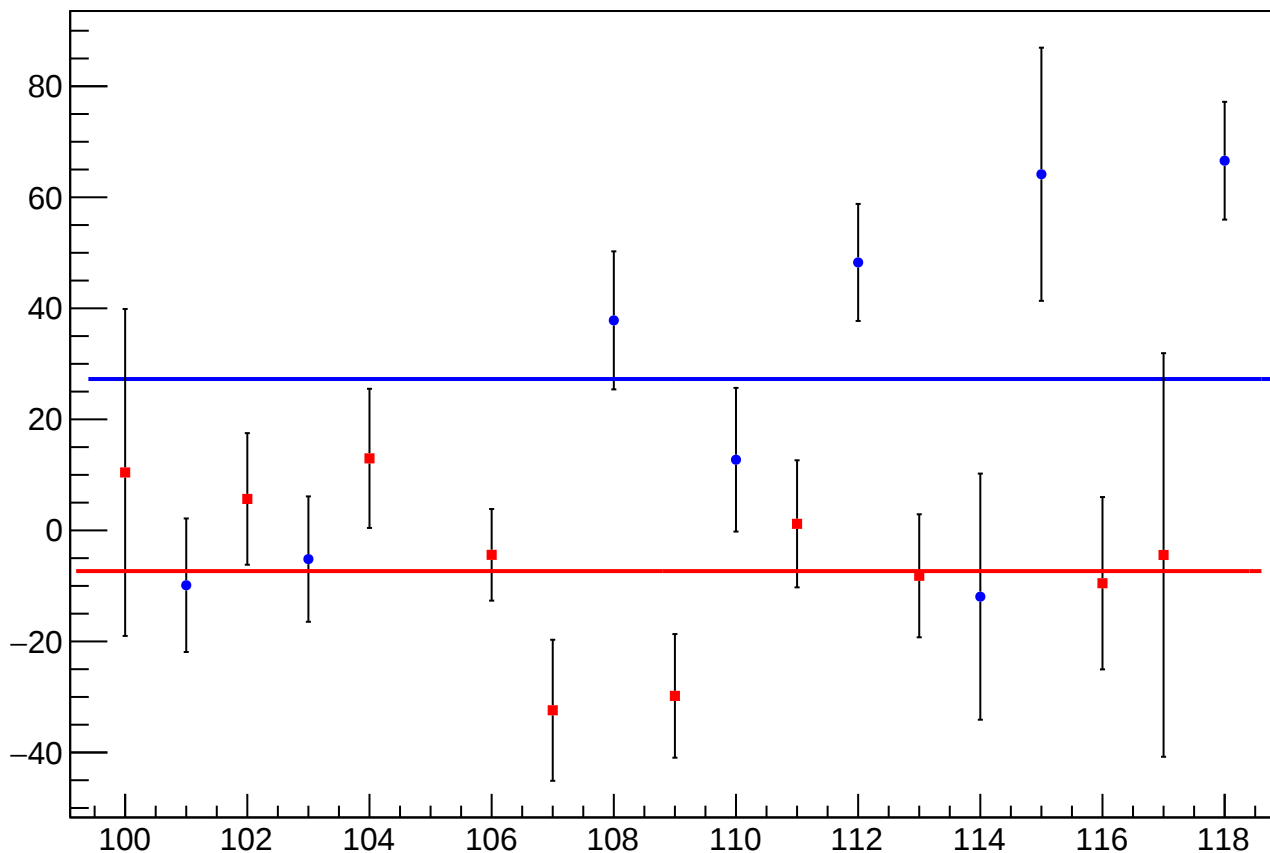
Right Out: 1211.433 $\pm$ 0.462 χ^2 /NDF: 47016.4/9

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

1231.554 $\pm$ 0.495 χ^2 /NDF: 44964.3/7

1211.433 $\pm$ 0.462 χ^2 /NDF: 47016.4/9

diff_bpm0l10X_mean vs Slug



Right In: 27.266+/-4.516 χ^2/NDF : 43.2/7

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

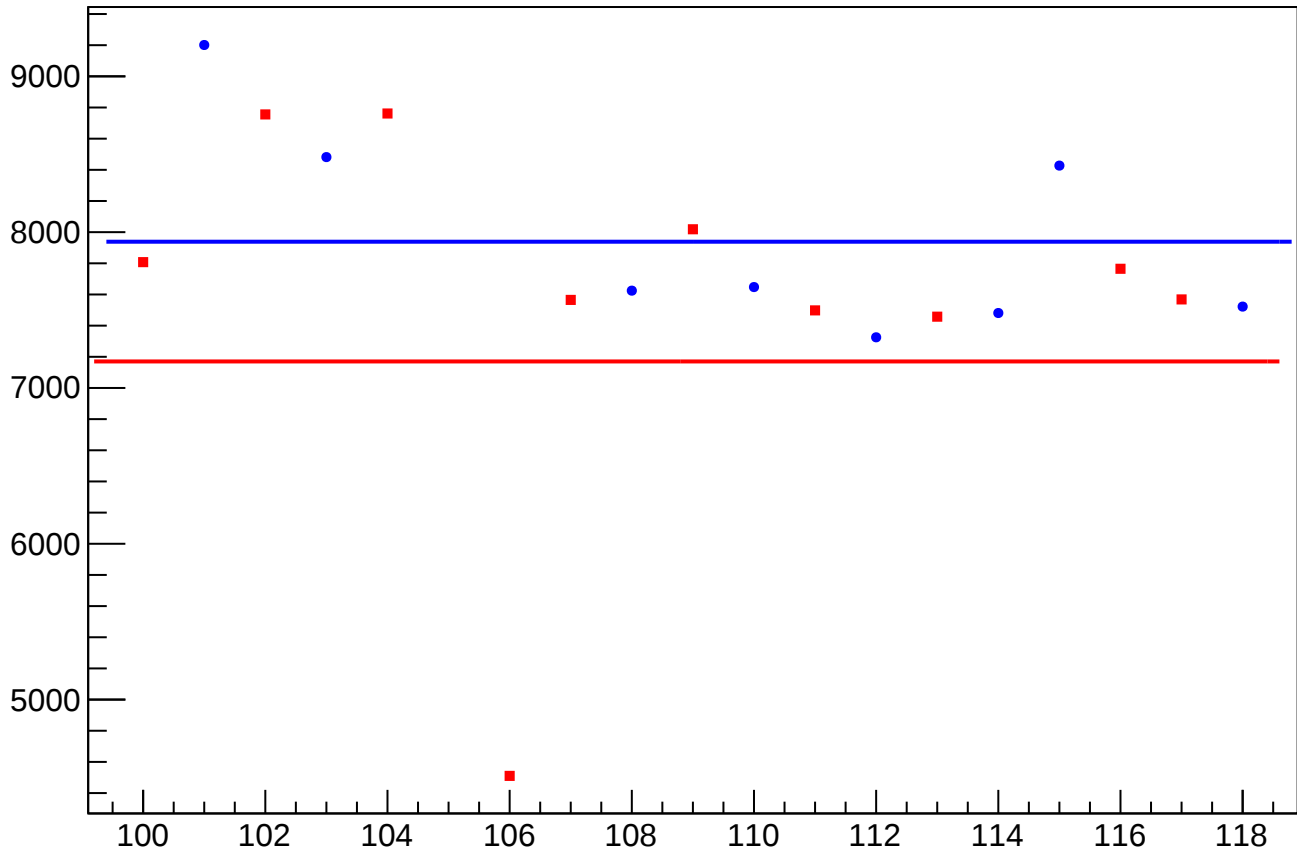
Right Out: -7.331+/-3.944 χ^2/NDF : 12.9/9

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

27.266+/-4.516 χ^2/NDF : 43.2/7

-7.331+/-3.944 χ^2/NDF : 12.9/9

diff_bpm0l10X_rms vs Slug



Right In: 7938.674 $\pm$ 3.193 χ^2 /NDF: 40579.4/7

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

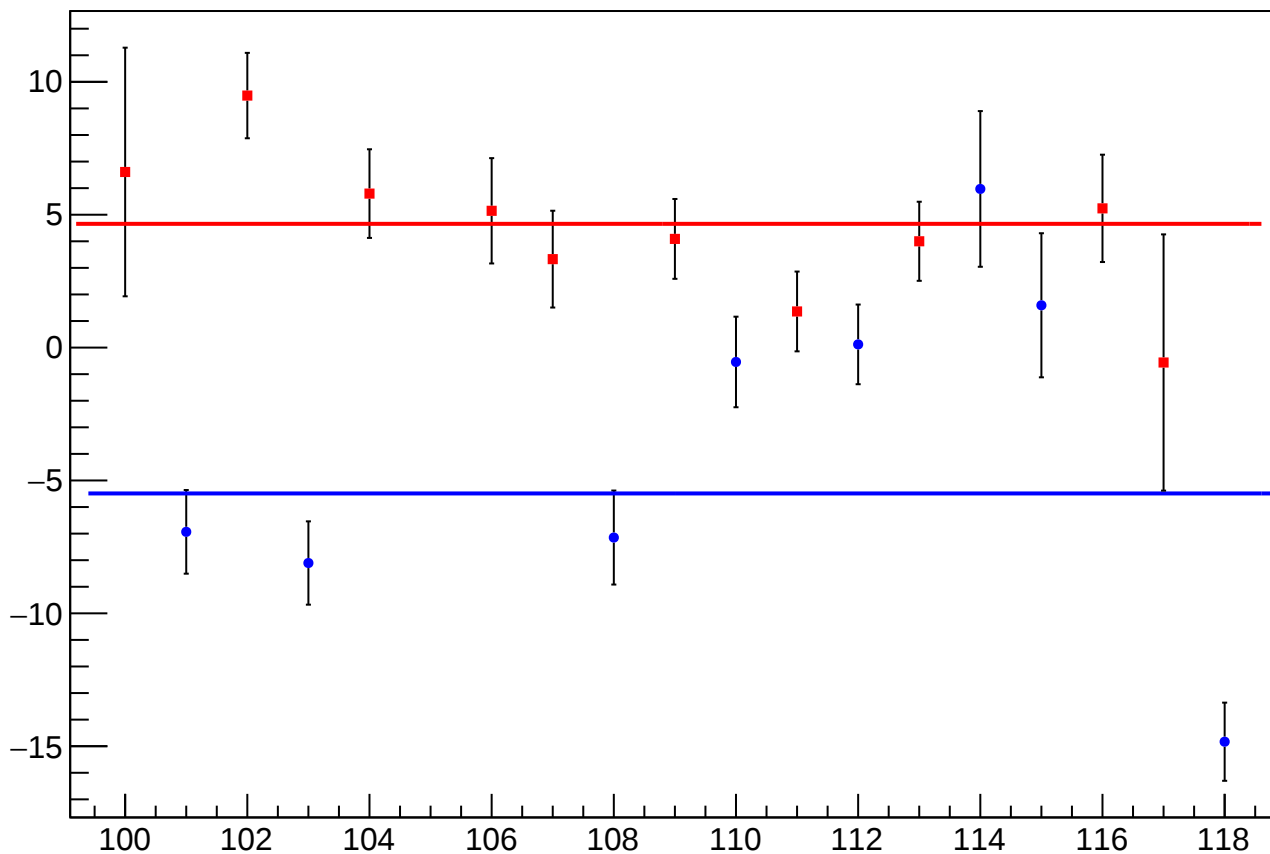
7938.674 $\pm$ 3.193 χ^2 /NDF: 40579.4/7

Right Out: 7170.204 $\pm$ 2.789 χ^2 /NDF: 296505.9/9

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

7170.204 $\pm$ 2.789 χ^2 /NDF: 296505.9/9

diff_bpm0l10Y_mean vs Slug



Right In: -5.489+/-0.616 χ^2/NDF : 89.4/7

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

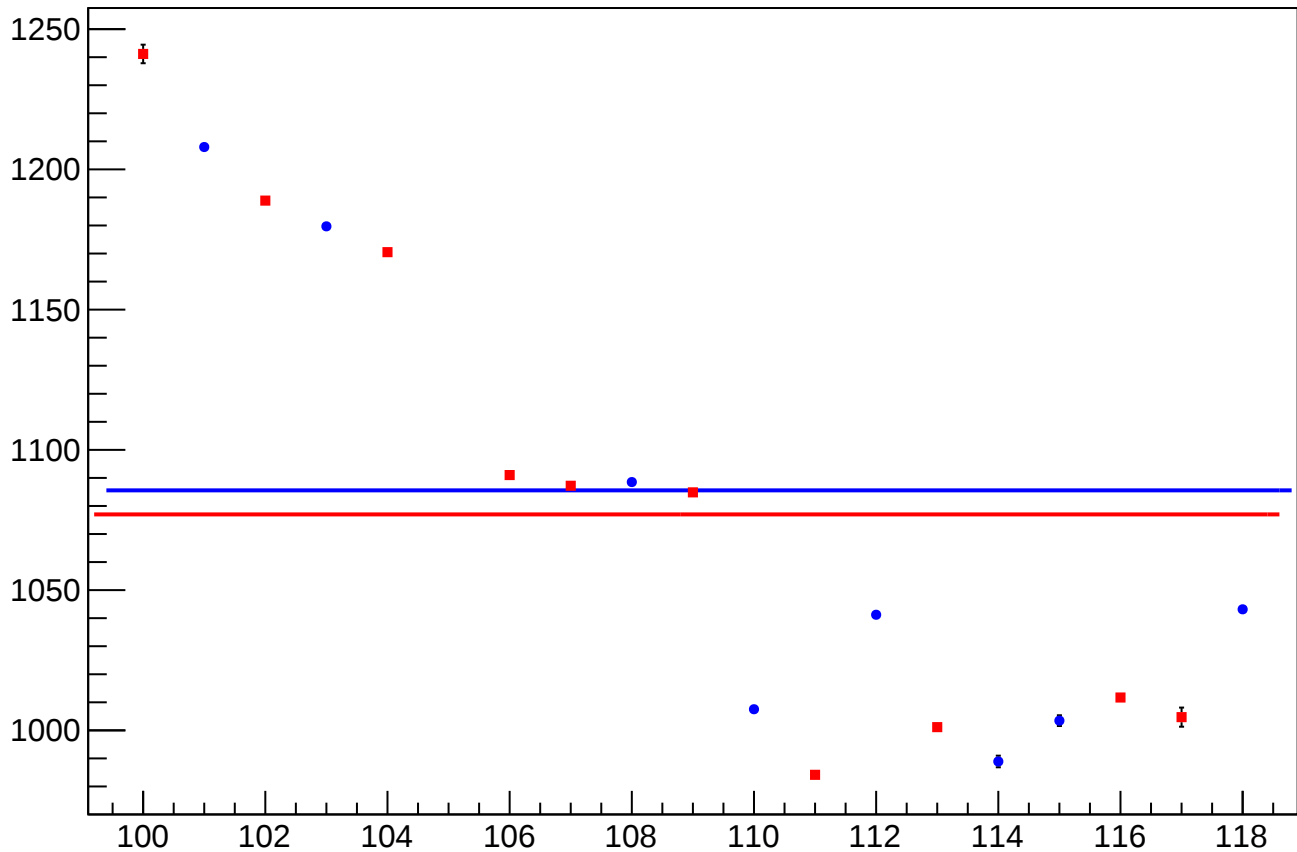
Right Out: 4.657+/-0.580 χ^2/NDF : 16.7/9

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

-5.489+/-0.616 χ^2/NDF : 89.4/7

4.657+/-0.580 χ^2/NDF : 16.7/9

diff_bpm0l10Y_rms vs Slug



Right In: 1085.565+/-0.436 χ^2/NDF : 30928.4/7

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

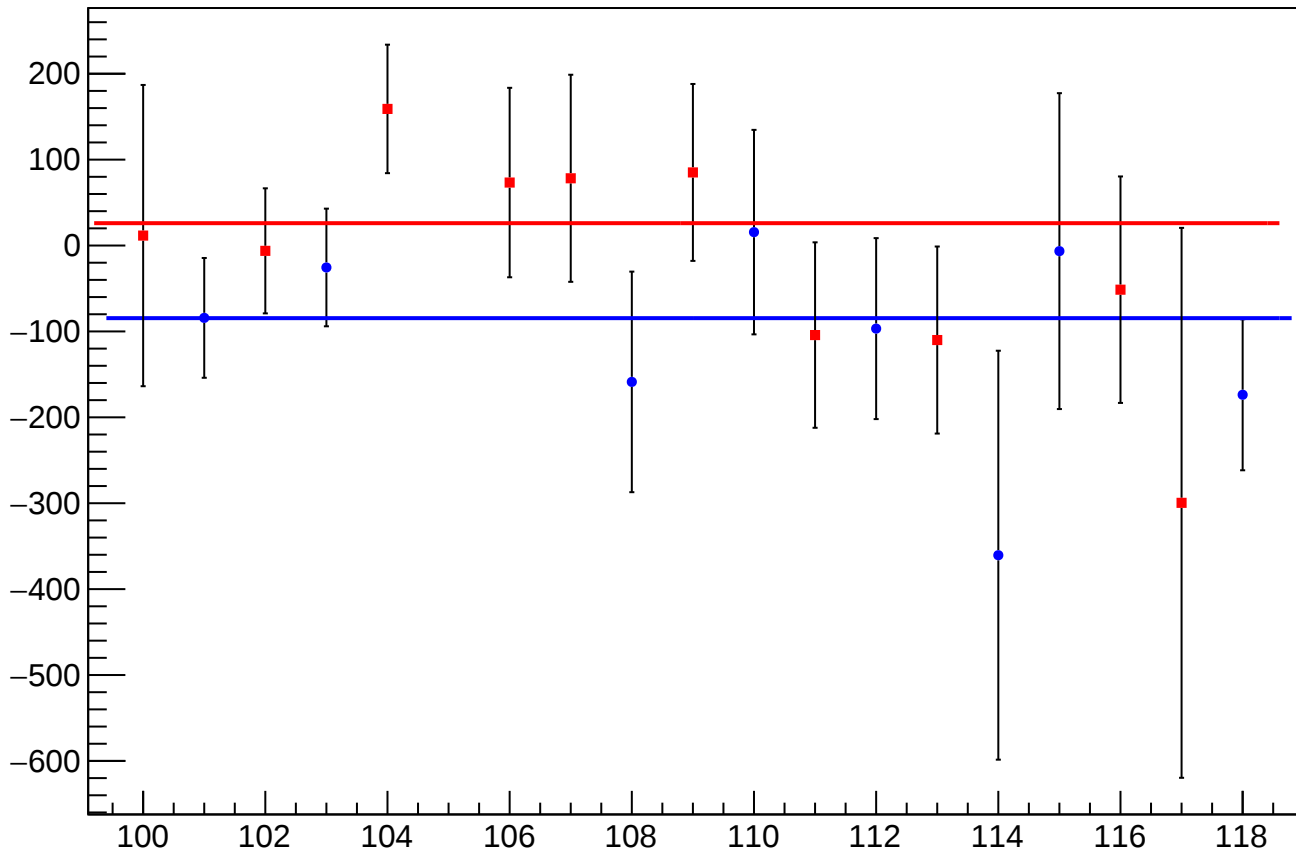
Right Out: 1076.994+/-0.410 χ^2/NDF : 34044.7/9

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

1085.565+/-0.436 χ^2/NDF : 30928.4/7

1076.994+/-0.410 χ^2/NDF : 34044.7/9

diff_bpm0r03X_mean vs Slug



Right In: -84.538 $\pm$ 34.989 χ^2 /NDF: 4.4/7

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

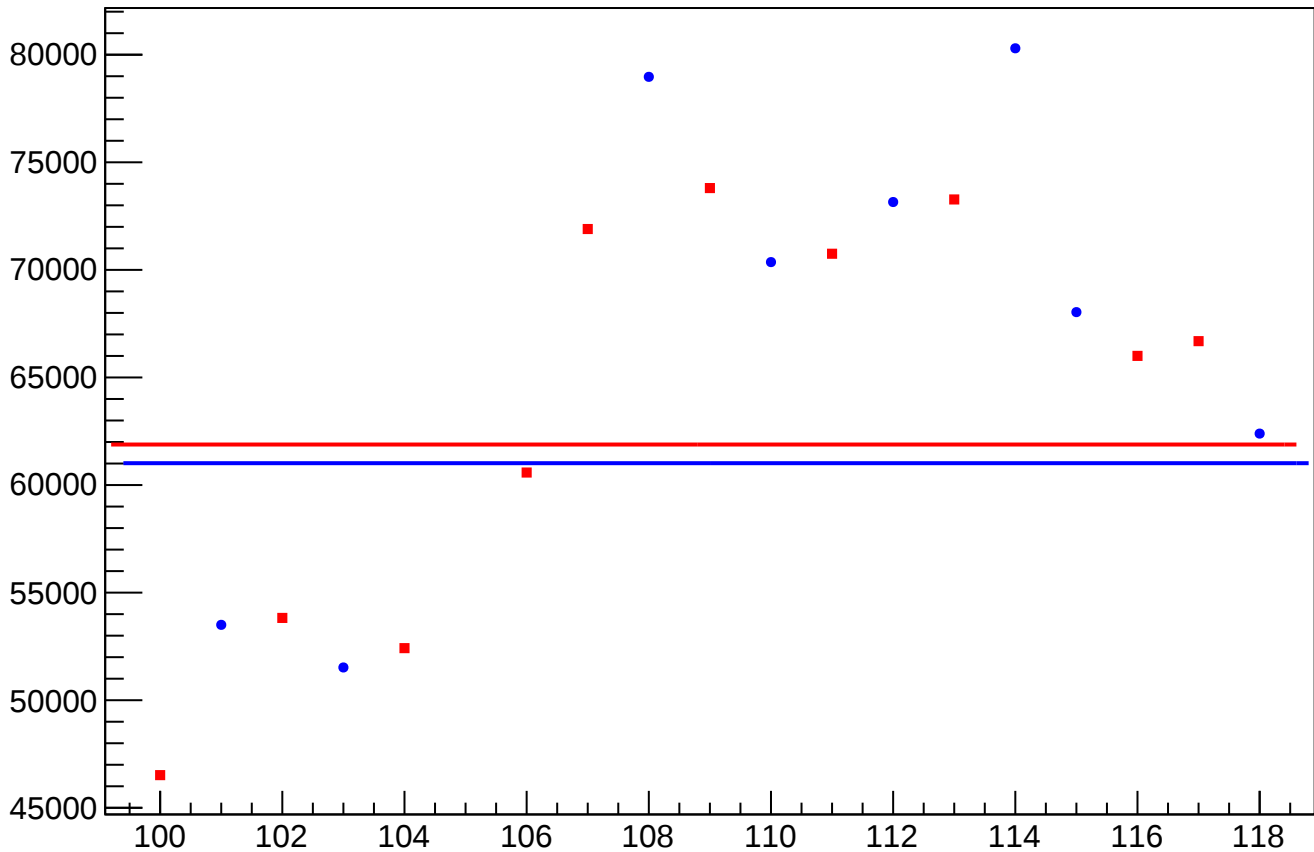
Right Out: 26.022 $\pm$ 33.657 χ^2 /NDF: 8.5/9

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

-84.538 $\pm$ 34.989 χ^2 /NDF: 4.4/7

26.022 $\pm$ 33.657 χ^2 /NDF: 8.5/9

diff_bpm0r03X_rms vs Slug



Right In: 61015.940 $\pm$ 24.741 χ^2 /NDF: 156183.8/7

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

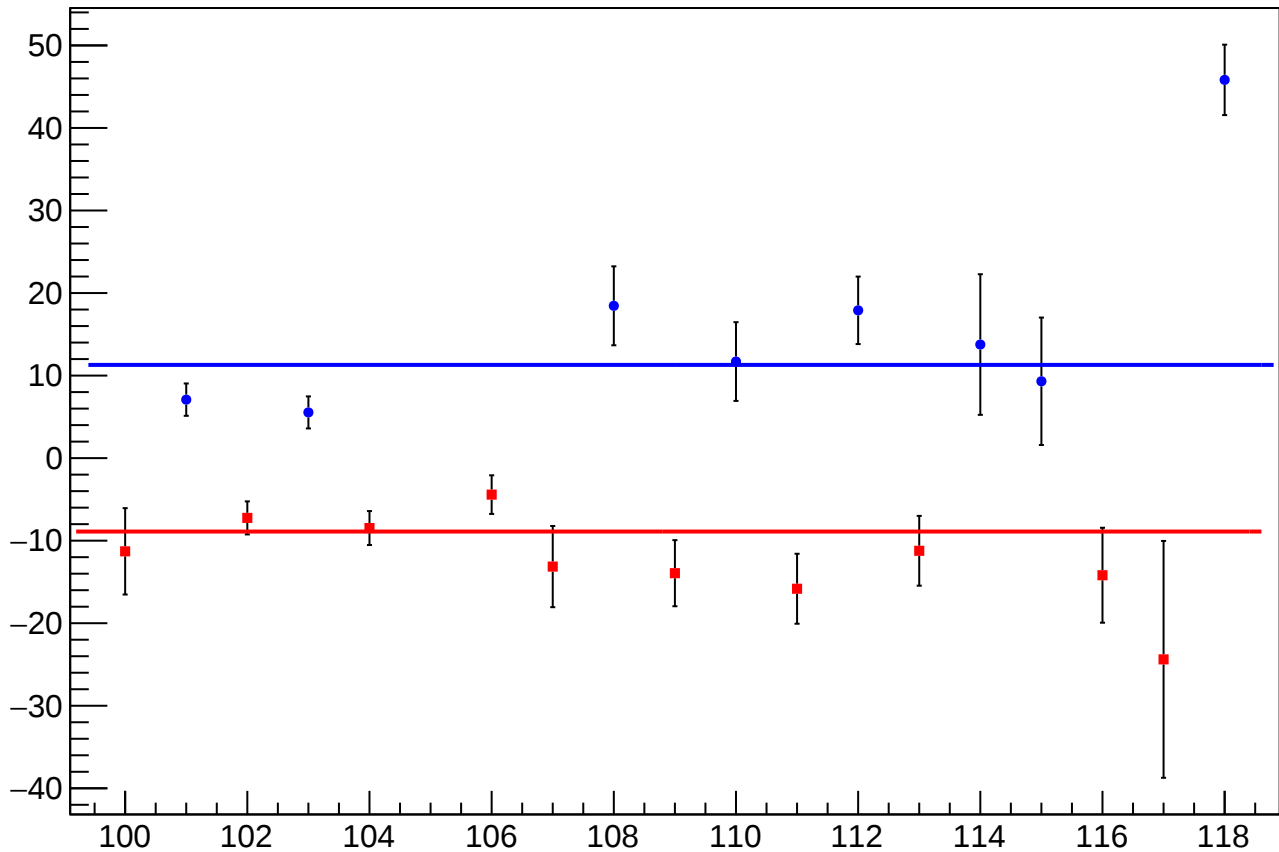
61015.940 $\pm$ 24.741 χ^2 /NDF: 156183.8/7

Right Out: 61883.347 $\pm$ 23.799 χ^2 /NDF: 150540.5/9

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

61883.347 $\pm$ 23.799 χ^2 /NDF: 150540.5/9

diff_bpm0r03Y_mean vs Slug



Right In: 11.295+/-1.148 χ^2/NDF : 84.0/7

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

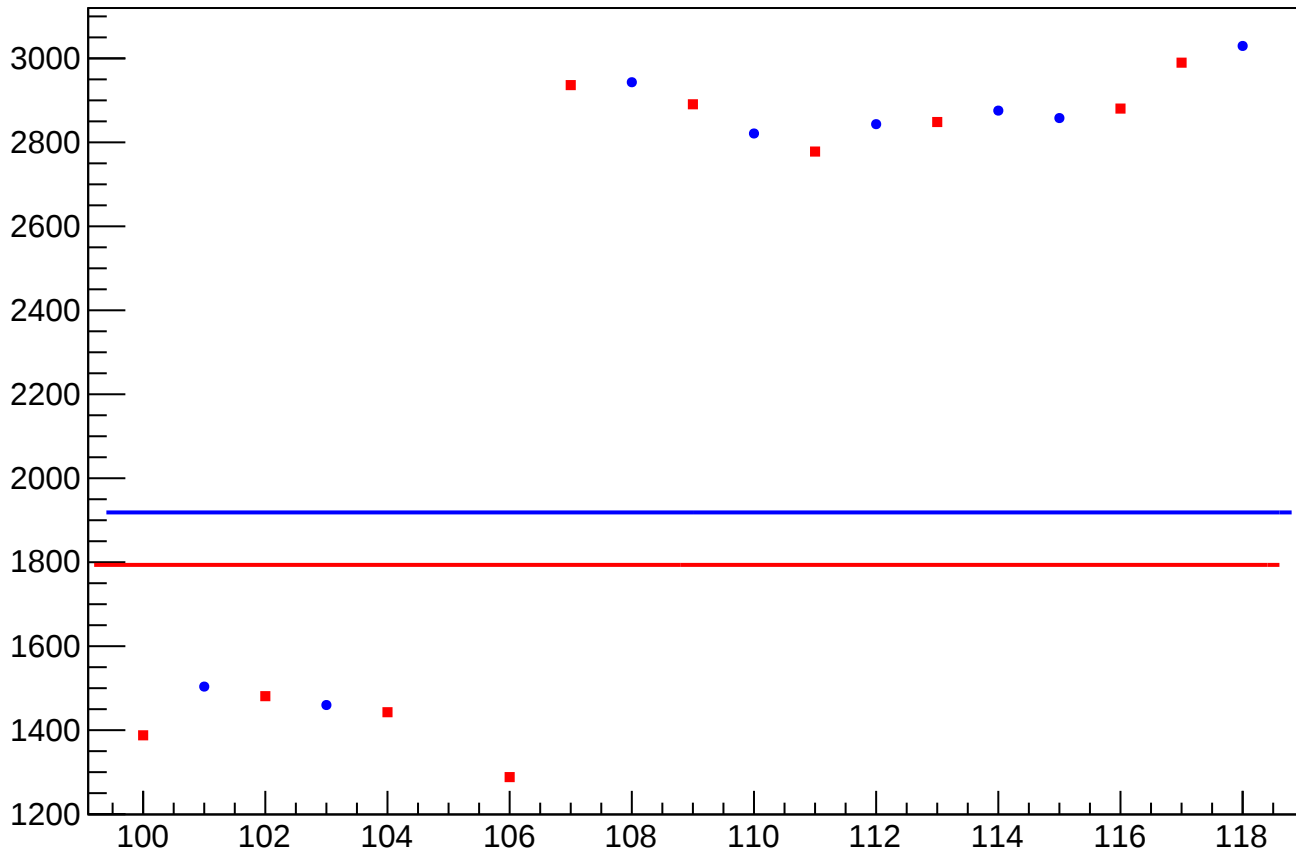
Right Out: -8.894+/-1.023 χ^2/NDF : 11.9/9

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

11.295+/-1.148 χ^2/NDF : 84.0/7

-8.894+/-1.023 χ^2/NDF : 11.9/9

diff_bpm0r03Y_rms vs Slug



Right In: 1918.595 $\pm$ 0.812 χ^2 /NDF: 657685.4/7

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

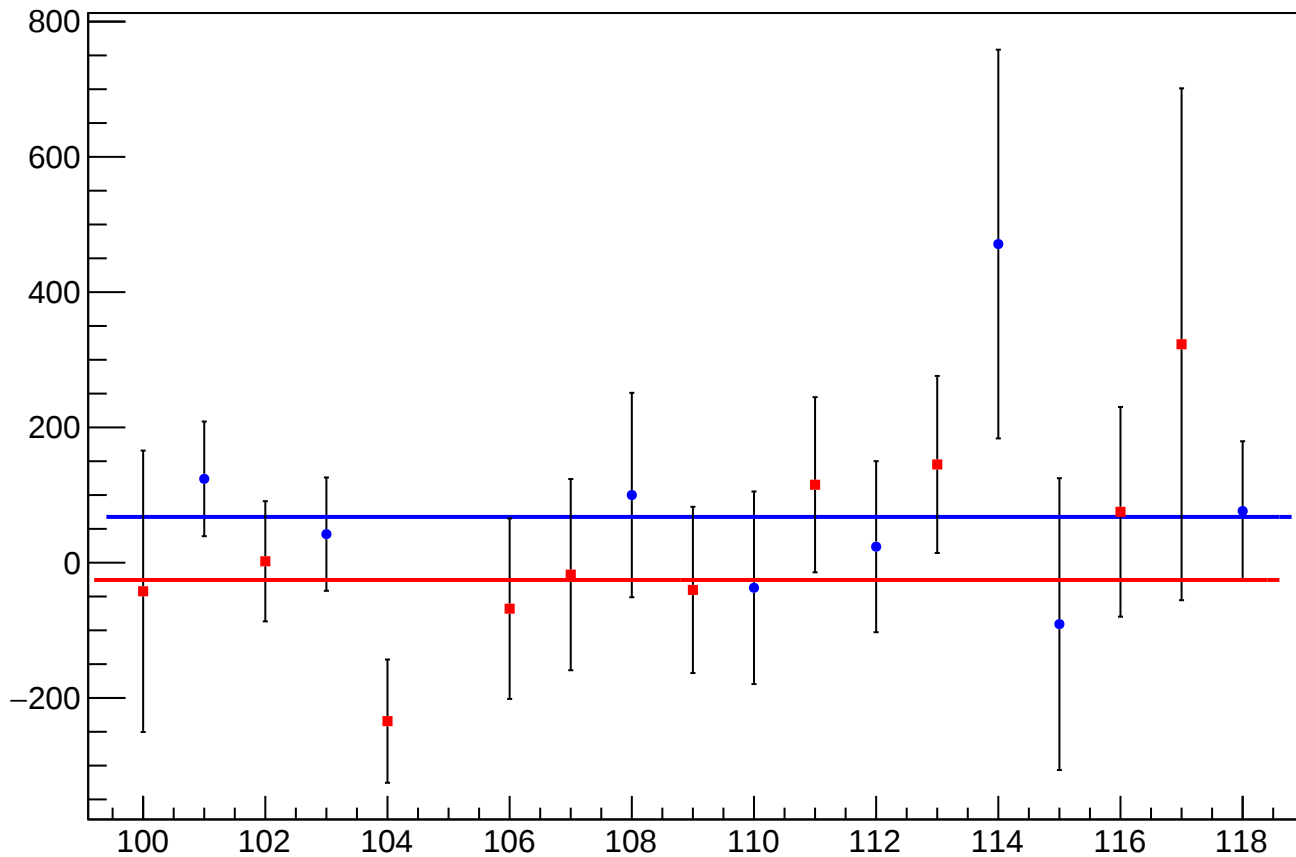
Right Out: 1793.642 $\pm$ 0.723 χ^2 /NDF: 788099.3/9

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

1918.595 $\pm$ 0.812 χ^2 /NDF: 657685.4/7

1793.642 $\pm$ 0.723 χ^2 /NDF: 788099.3/9

diff_bpm0r05X_mean vs Slug



Right In: 67.676+/-42.075 χ^2/NDF : 3.8/7

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

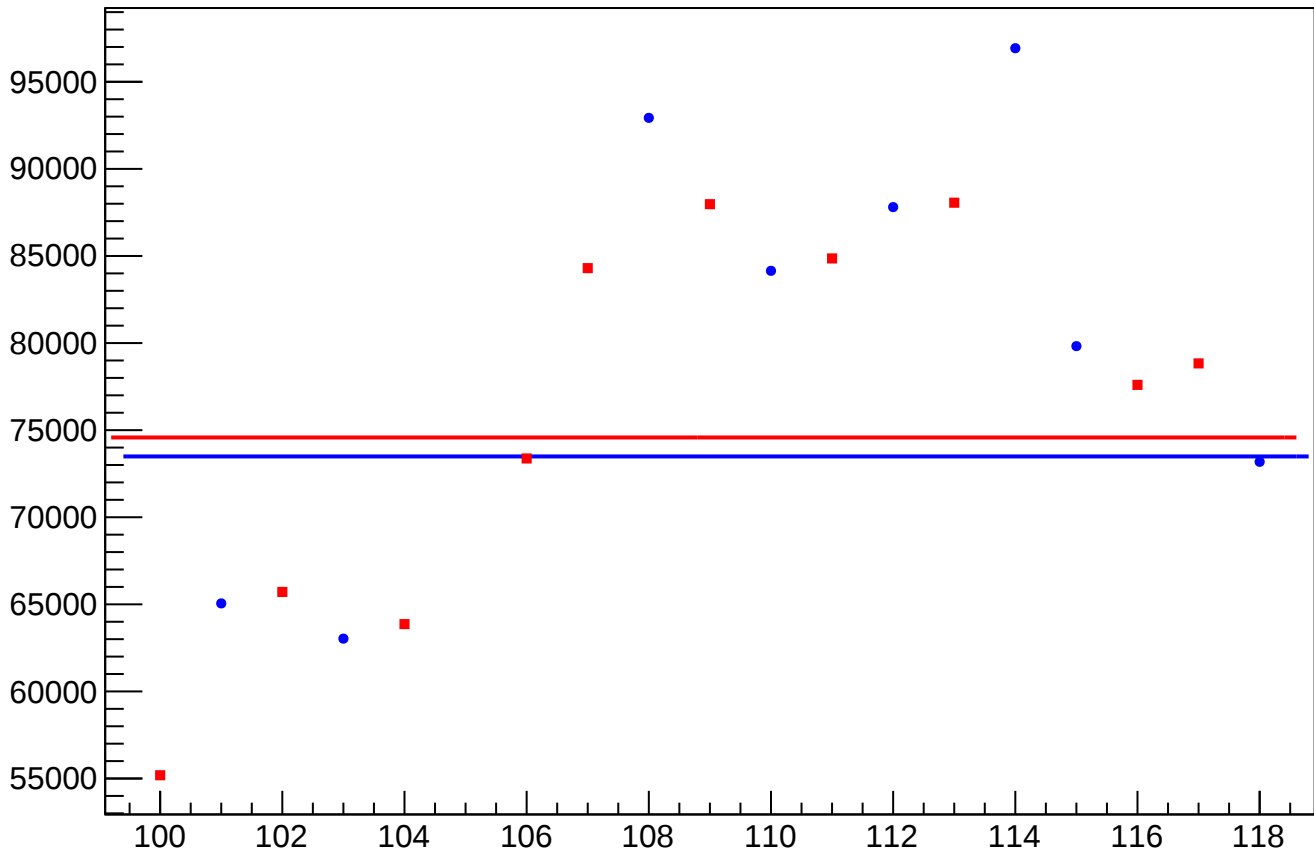
Right Out: -25.529+/-40.517 χ^2/NDF : 9.6/9

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

67.676+/-42.075 χ^2/NDF : 3.8/7

-25.529+/-40.517 χ^2/NDF : 9.6/9

diff_bpm0r05X_rms vs Slug



Right In: 73490.883 $\pm$ 29.752 χ^2 /NDF: 135962.3/7

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

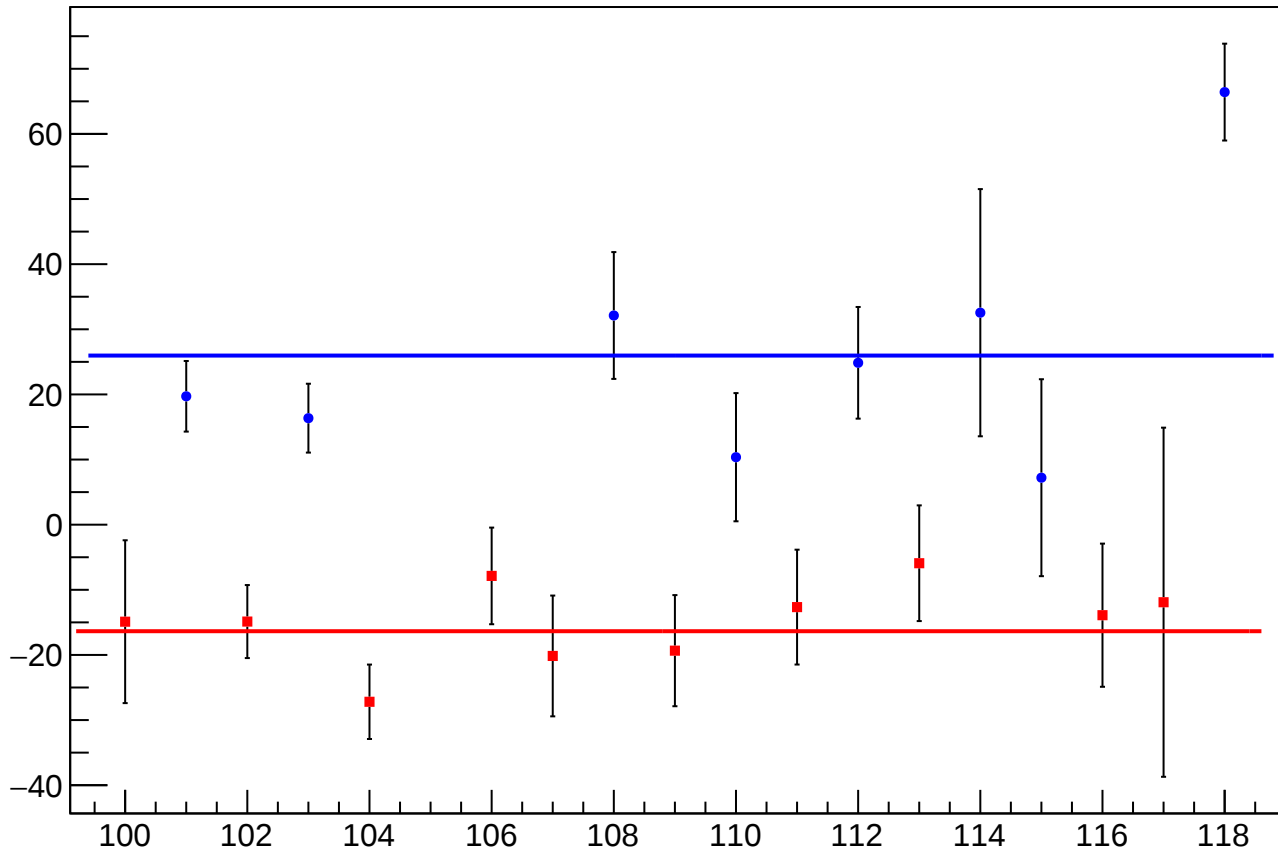
73490.883 $\pm$ 29.752 χ^2 /NDF: 135962.3/7

Right Out: 74580.715 $\pm$ 28.650 χ^2 /NDF: 133142.2/9

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

74580.715 $\pm$ 28.650 χ^2 /NDF: 133142.2/9

diff_bpm0r05Y_mean vs Slug



Right In: 25.966 $\pm$ 2.779 χ^2 /NDF: 38.8/7

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

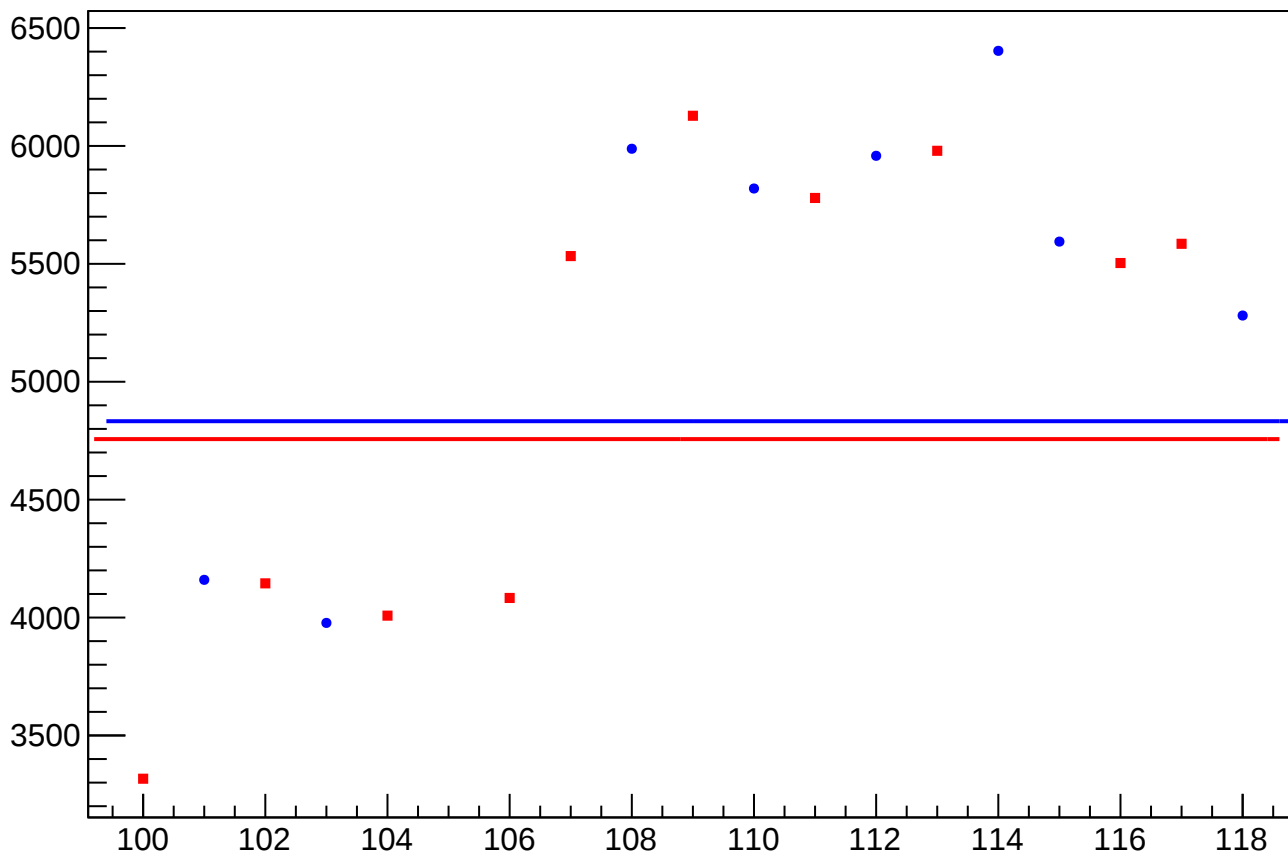
Right Out: -16.356 $\pm$ 2.603 χ^2 /NDF: 6.9/9

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

25.966 $\pm$ 2.779 χ^2 /NDF: 38.8/7

-16.356 $\pm$ 2.603 χ^2 /NDF: 6.9/9

diff_bpm0r05Y_rms vs Slug



Right In: 4832.674+/-1.965 χ^2/NDF : 191935.0/7

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

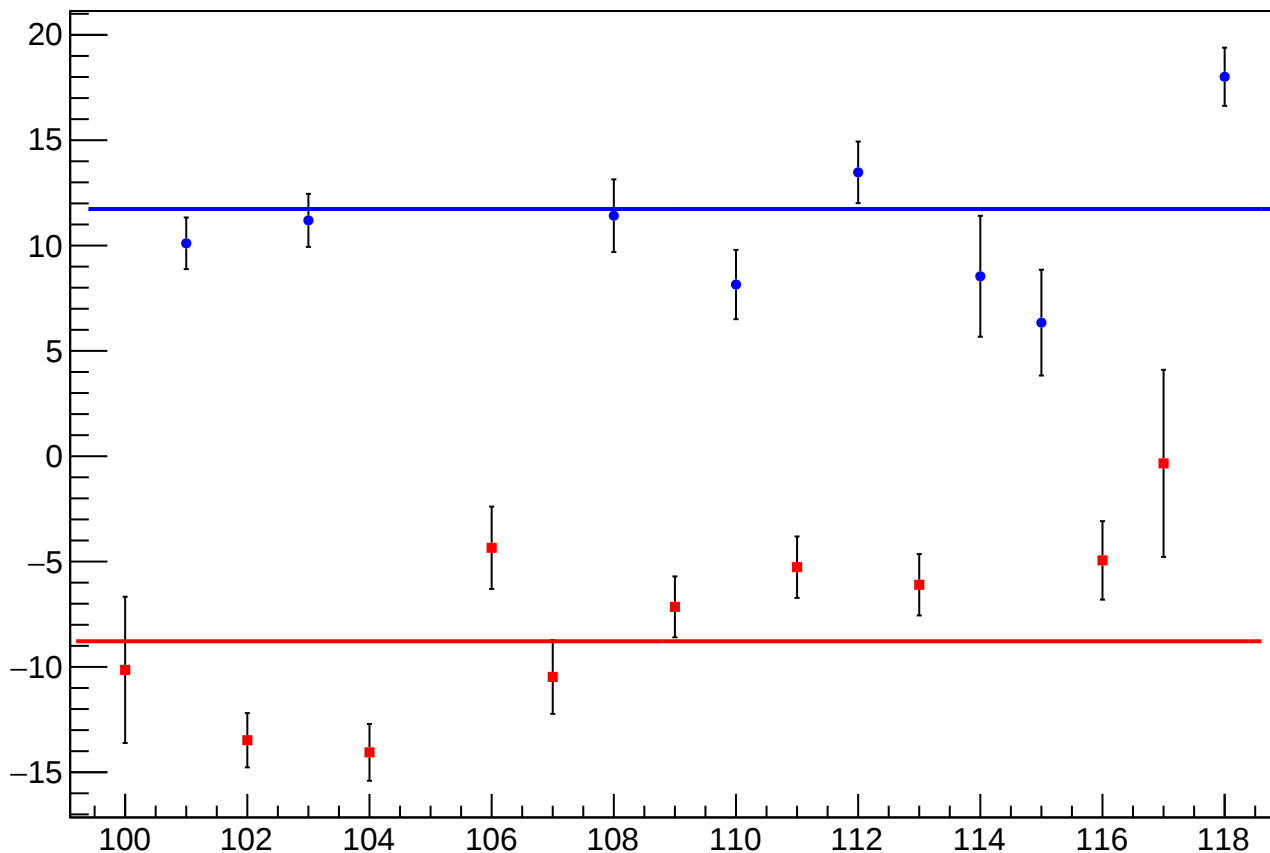
Right Out: 4756.750+/-1.841 χ^2/NDF : 242791.3/9

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

4832.674+/-1.965 χ^2/NDF : 191935.0/7

4756.750+/-1.841 χ^2/NDF : 242791.3/9

diff_bpm2i01X_mean vs Slug



Right In: 11.736 $\pm$ 0.552 χ^2 /NDF: 34.7/7

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

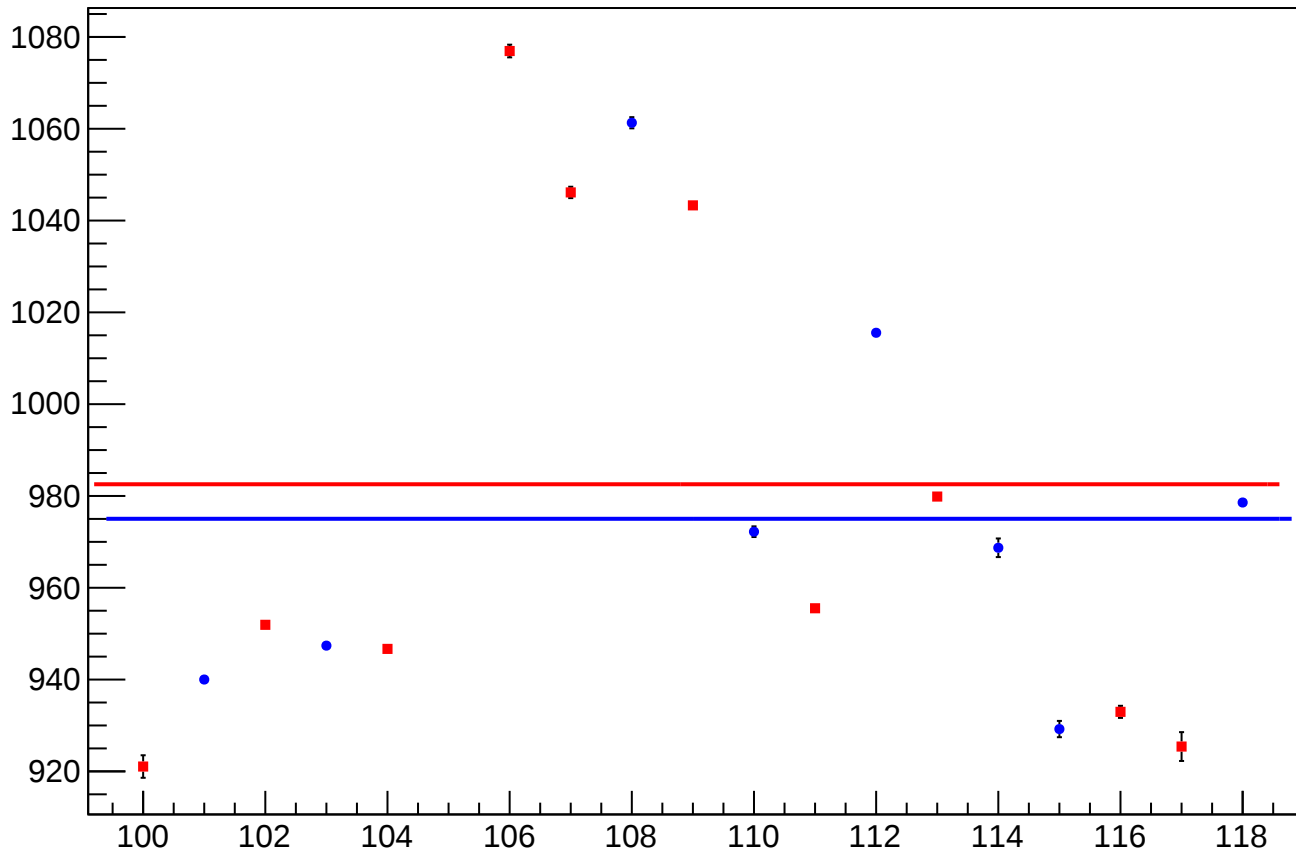
Right Out: -8.783 $\pm$ 0.528 χ^2 /NDF: 53.2/9

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

11.736 $\pm$ 0.552 χ^2 /NDF: 34.7/7

-8.783 $\pm$ 0.528 χ^2 /NDF: 53.2/9

diff_bpm2i01X_rms vs Slug



Right In: 975.028+/-0.391 χ^2/NDF : 9838.2/7

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

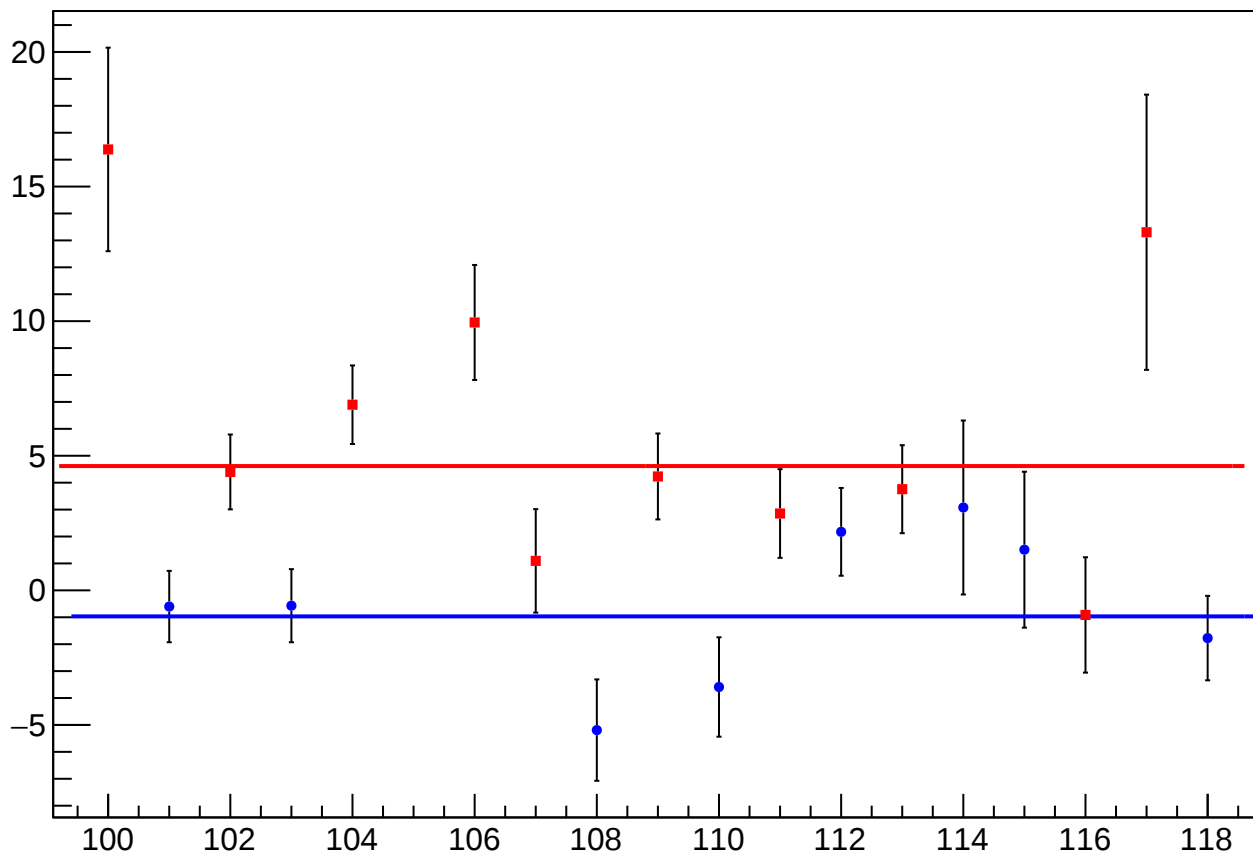
Right Out: 982.551+/-0.374 χ^2/NDF : 16443.0/9

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

975.028+/-0.391 χ^2/NDF : 9838.2/7

982.551+/-0.374 χ^2/NDF : 16443.0/9

diff_bpm2i01Y_mean vs Slug



Right In: -0.967 $\pm$ 0.610 χ^2 /NDF: 13.5/7

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

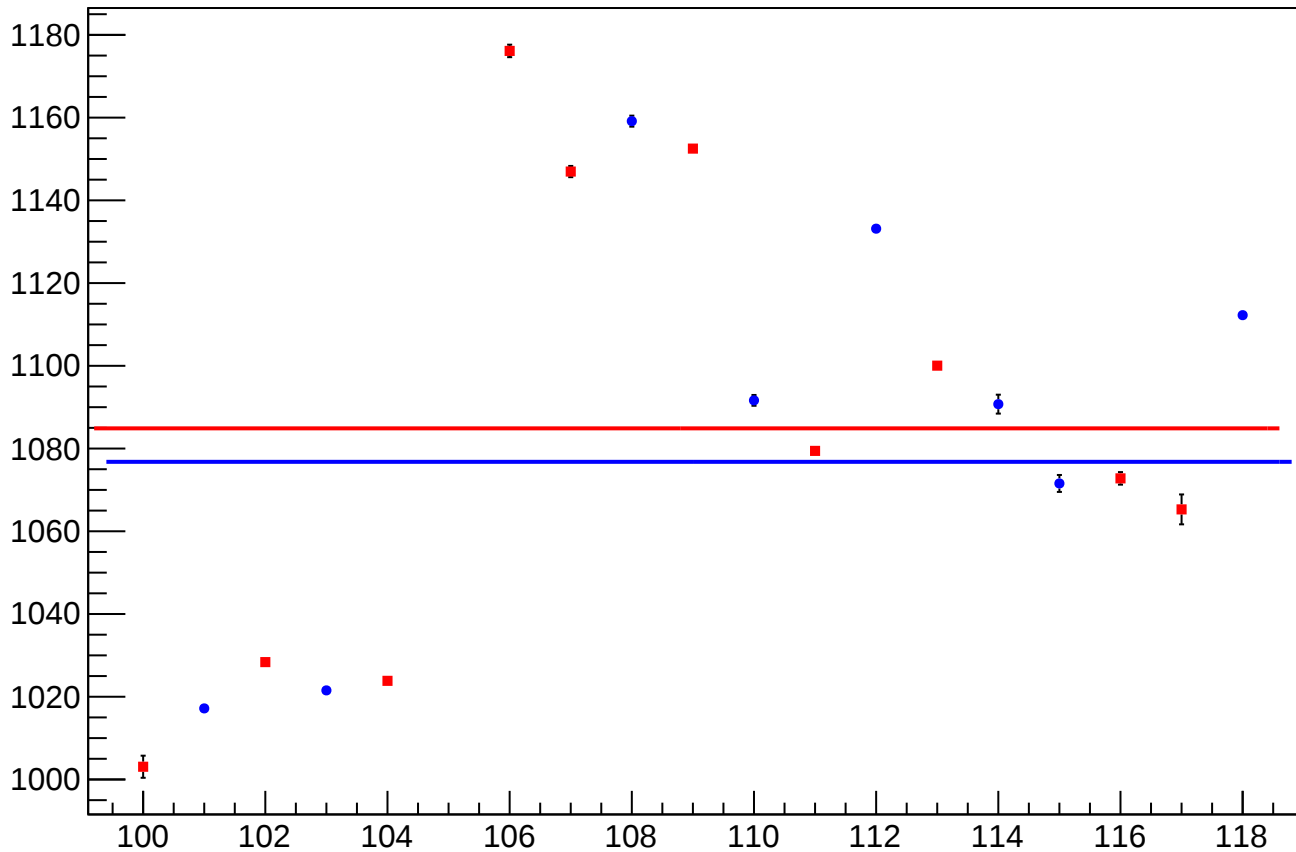
Right Out: 4.617 $\pm$ 0.583 χ^2 /NDF: 32.8/9

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

-0.967 $\pm$ 0.610 χ^2 /NDF: 13.5/7

4.617 $\pm$ 0.583 χ^2 /NDF: 32.8/9

diff_bpm2i01Y_rms vs Slug



Right In: 1076.789 $\pm$ 0.432 χ^2 /NDF: 14767.3/7

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

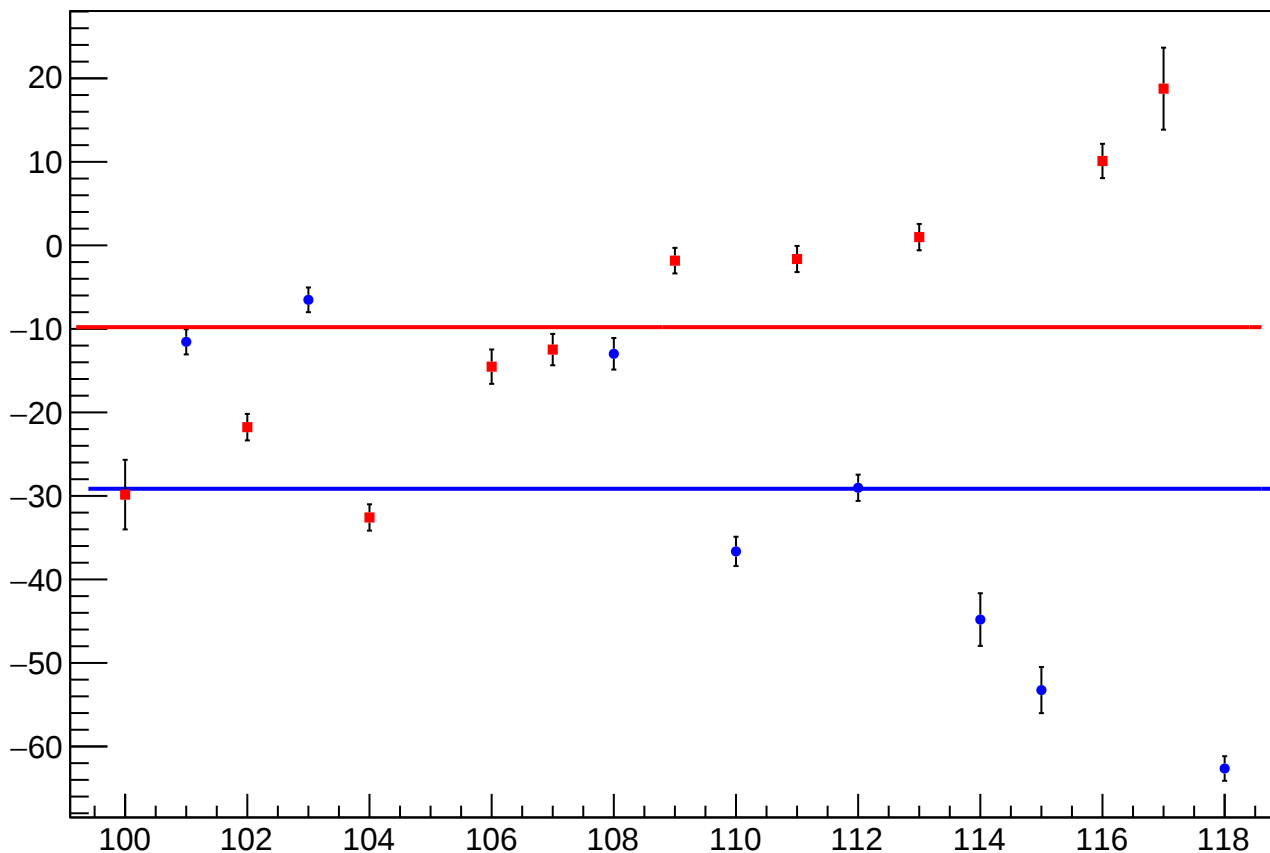
Right Out: 1084.880 $\pm$ 0.412 χ^2 /NDF: 17355.4/9

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

1076.789 $\pm$ 0.432 χ^2 /NDF: 14767.3/7

1084.880 $\pm$ 0.412 χ^2 /NDF: 17355.4/9

diff_bpm2i02X_mean vs Slug



Right In: -29.144 ± 0.620 χ^2/NDF : 1079.1/7

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

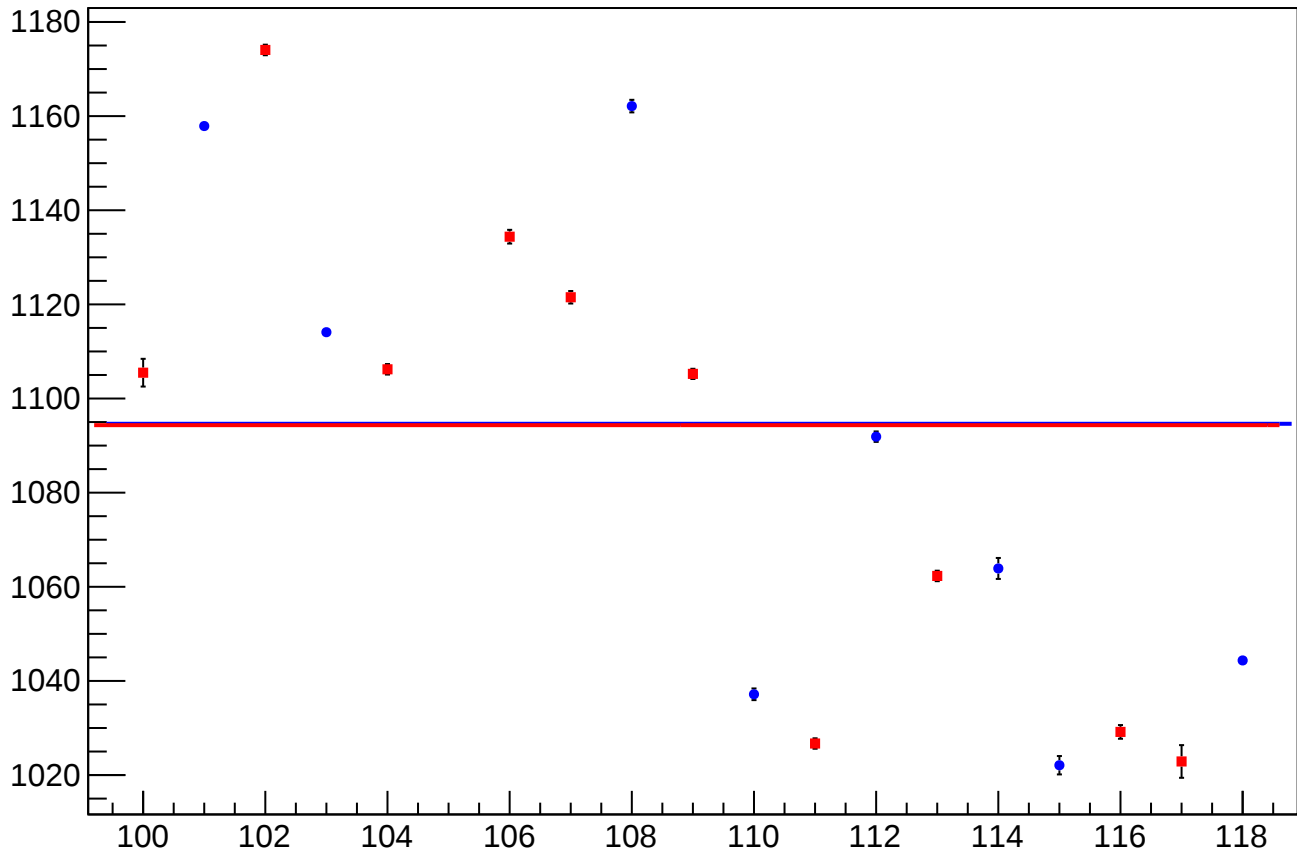
Right Out: -9.793 ± 0.588 χ^2/NDF : 524.8/9

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

-29.144 ± 0.620 χ^2/NDF : 1079.1/7

-9.793 ± 0.588 χ^2/NDF : 524.8/9

diff_bpm2i02X_rms vs Slug



Right In: 1094.633 $\pm$ 0.439 χ^2 /NDF: 12471.1/7

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

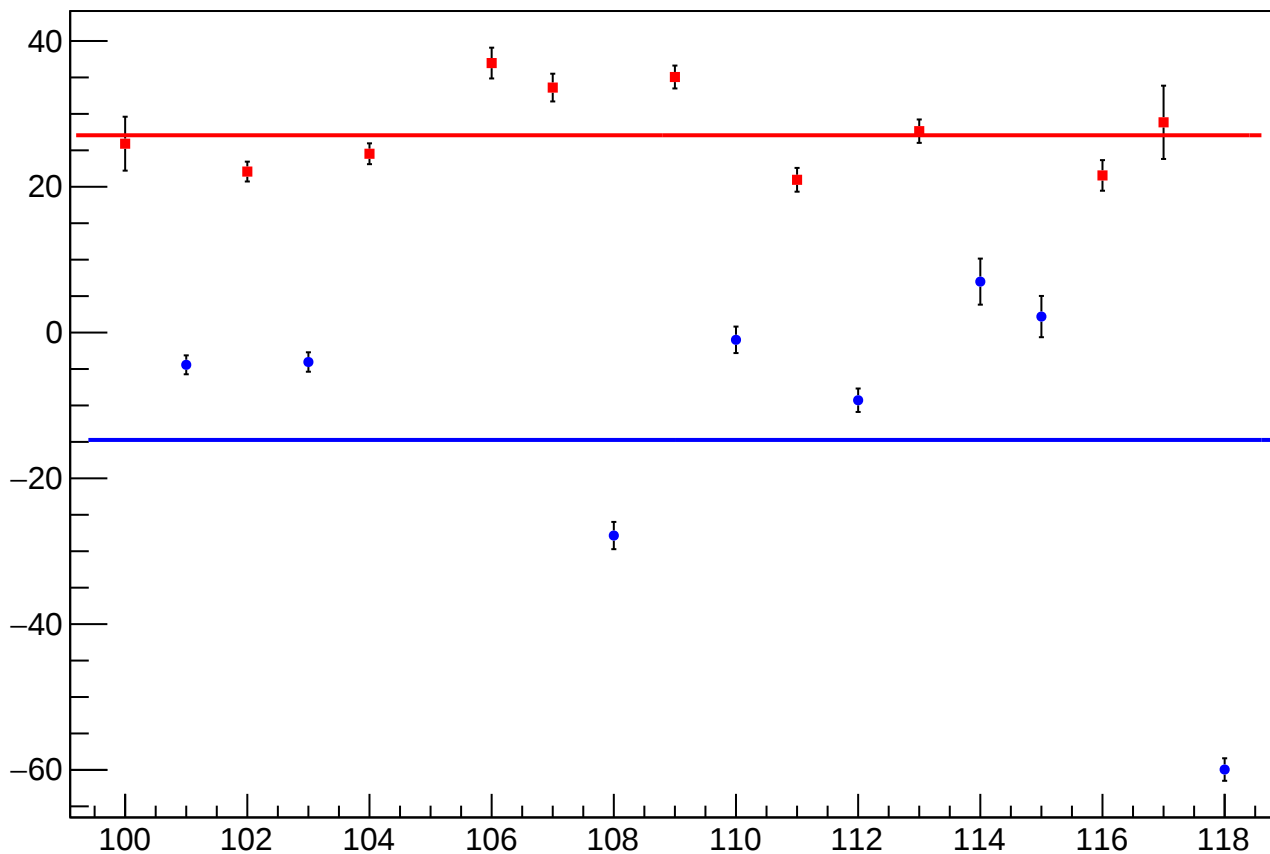
Right Out: 1094.341 $\pm$ 0.416 χ^2 /NDF: 13437.7/9

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

1094.633 $\pm$ 0.439 χ^2 /NDF: 12471.1/7

1094.341 $\pm$ 0.416 χ^2 /NDF: 13437.7/9

diff_bpm2i02Y_mean vs Slug



Right In: -14.731 $\pm$ 0.600 χ^2 /NDF: 1185.0/7

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

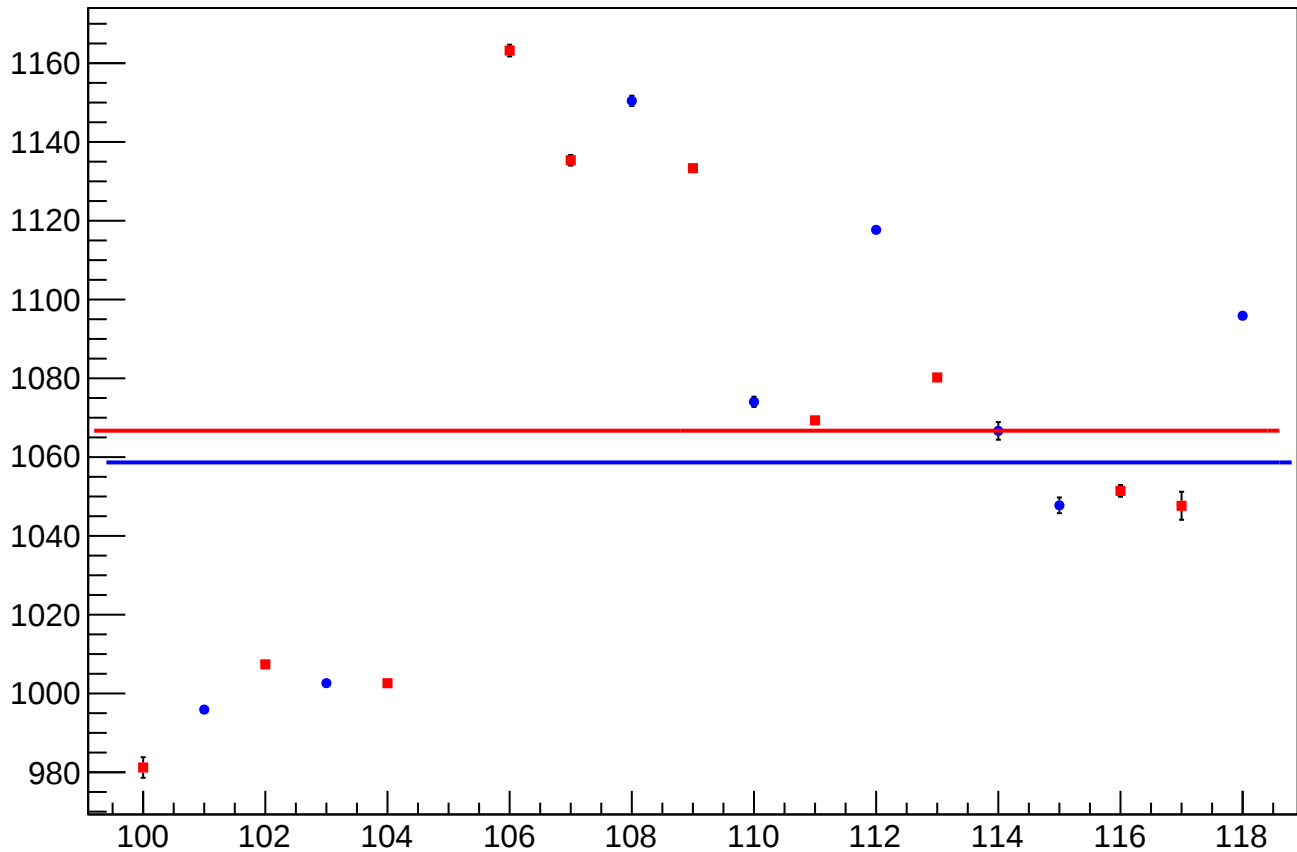
Right Out: 27.067 $\pm$ 0.574 χ^2 /NDF: 97.5/9

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

-14.731 $\pm$ 0.600 χ^2 /NDF: 1185.0/7

27.067 $\pm$ 0.574 χ^2 /NDF: 97.5/9

diff_bpm2i02Y_rms vs Slug



Right In: 1058.647 $\pm$ 0.424 χ^2 /NDF: 17077.2/7

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

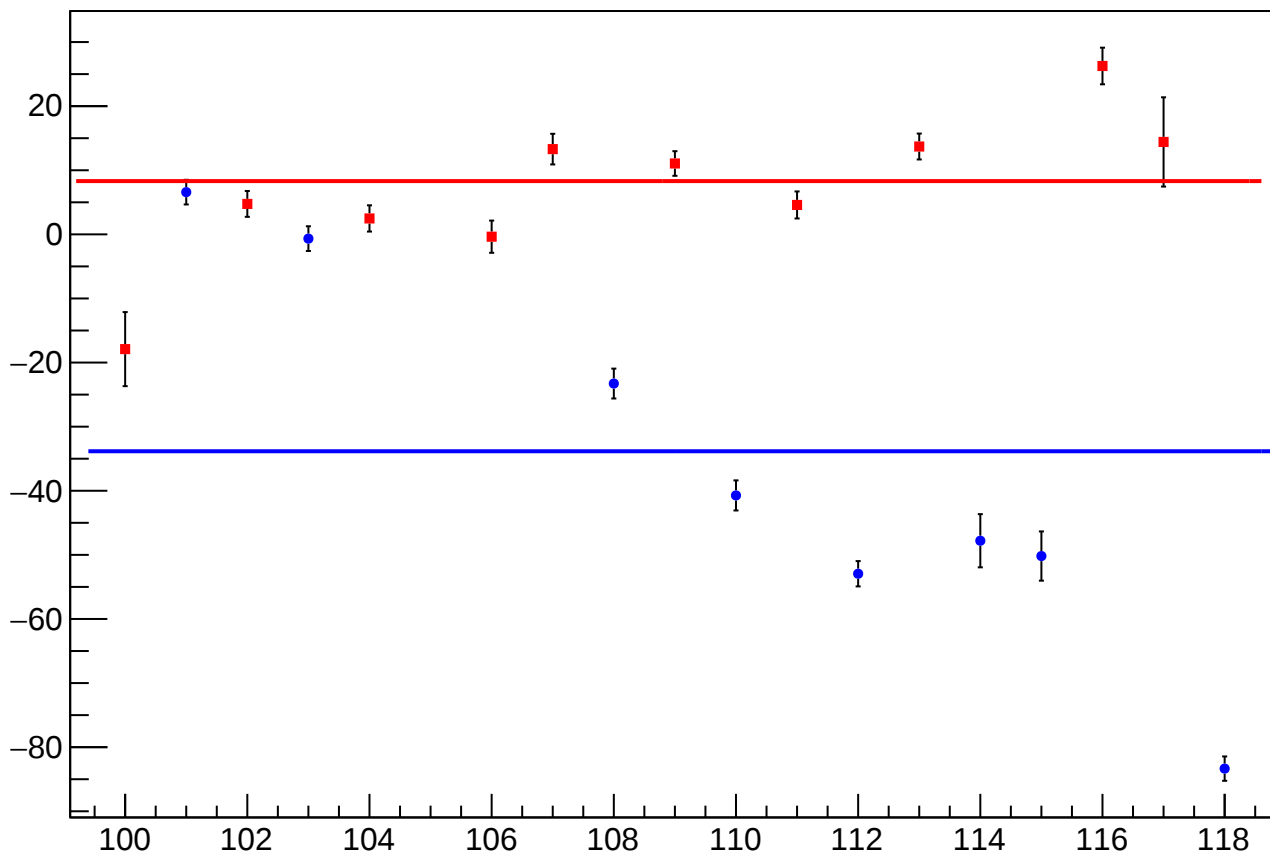
Right Out: 1066.711 $\pm$ 0.406 χ^2 /NDF: 19557.4/9

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

1058.647 $\pm$ 0.424 χ^2 /NDF: 17077.2/7

1066.711 $\pm$ 0.406 χ^2 /NDF: 19557.4/9

diff_bpm0i02X_mean vs Slug



Right In: -33.836 ± 0.799 $\chi^2/\text{NDF}: 1569.8/7$

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

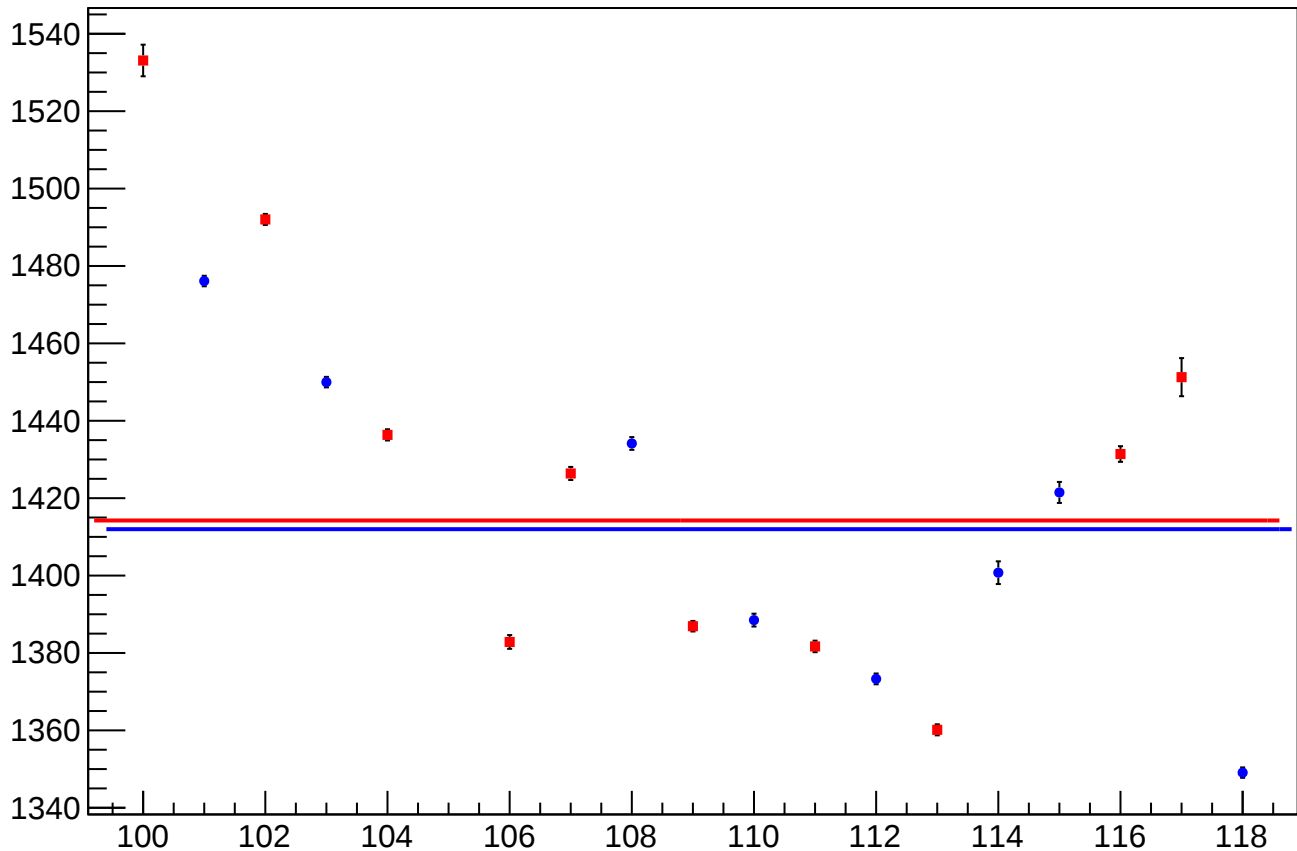
Right Out: 8.309 ± 0.760 $\chi^2/\text{NDF}: 100.6/9$

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

-33.836 ± 0.799 $\chi^2/\text{NDF}: 1569.8/7$

8.309 ± 0.760 $\chi^2/\text{NDF}: 100.6/9$

diff_bpm0i02X_rms vs Slug



Right In: 1411.989 $\pm$ 0.565 χ^2 /NDF: 6370.0/7

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

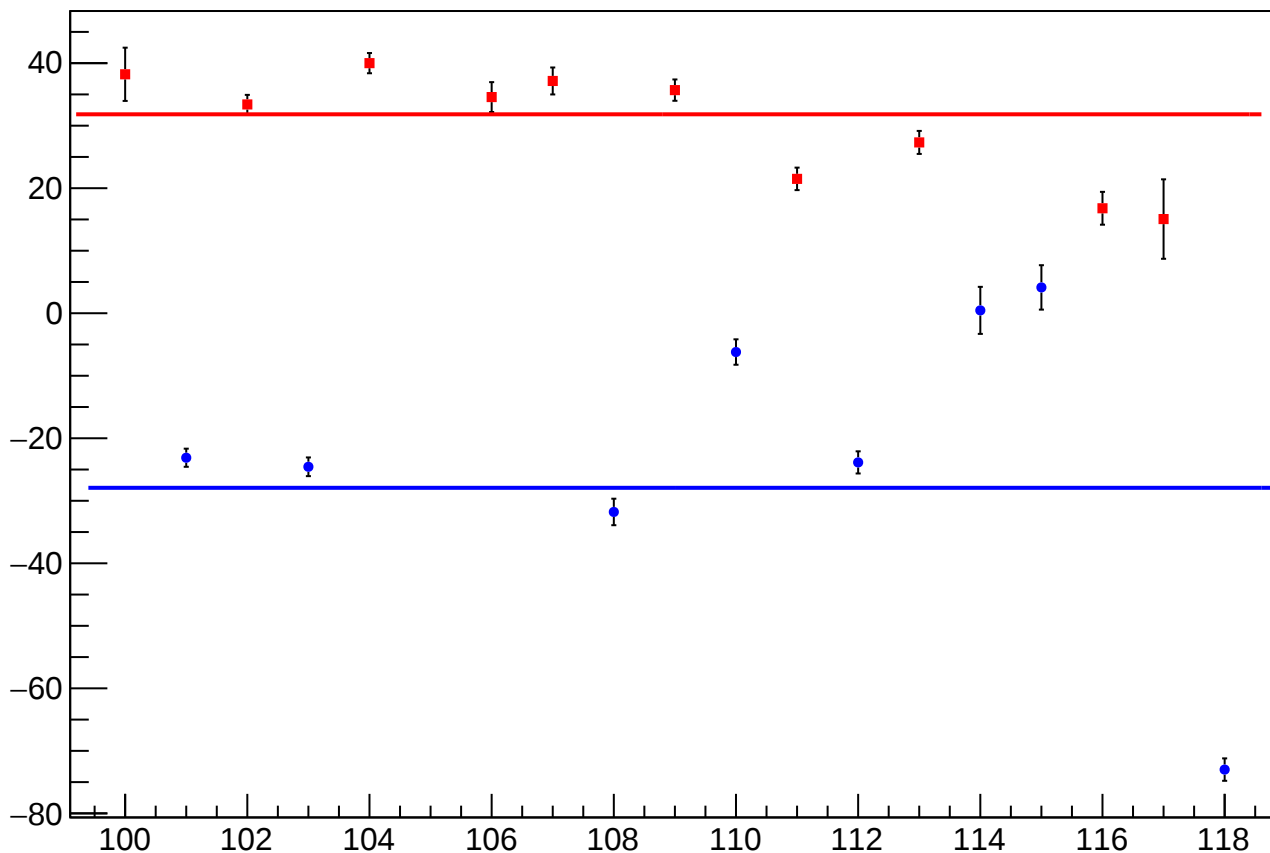
Right Out: 1414.235 $\pm$ 0.537 χ^2 /NDF: 6864.1/9

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

1411.989 $\pm$ 0.565 χ^2 /NDF: 6370.0/7

1414.235 $\pm$ 0.537 χ^2 /NDF: 6864.1/9

diff_bpm0i02Y_mean vs Slug



Right In: -27.924 ± 0.679 $\chi^2/\text{NDF}: 908.9/7$

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

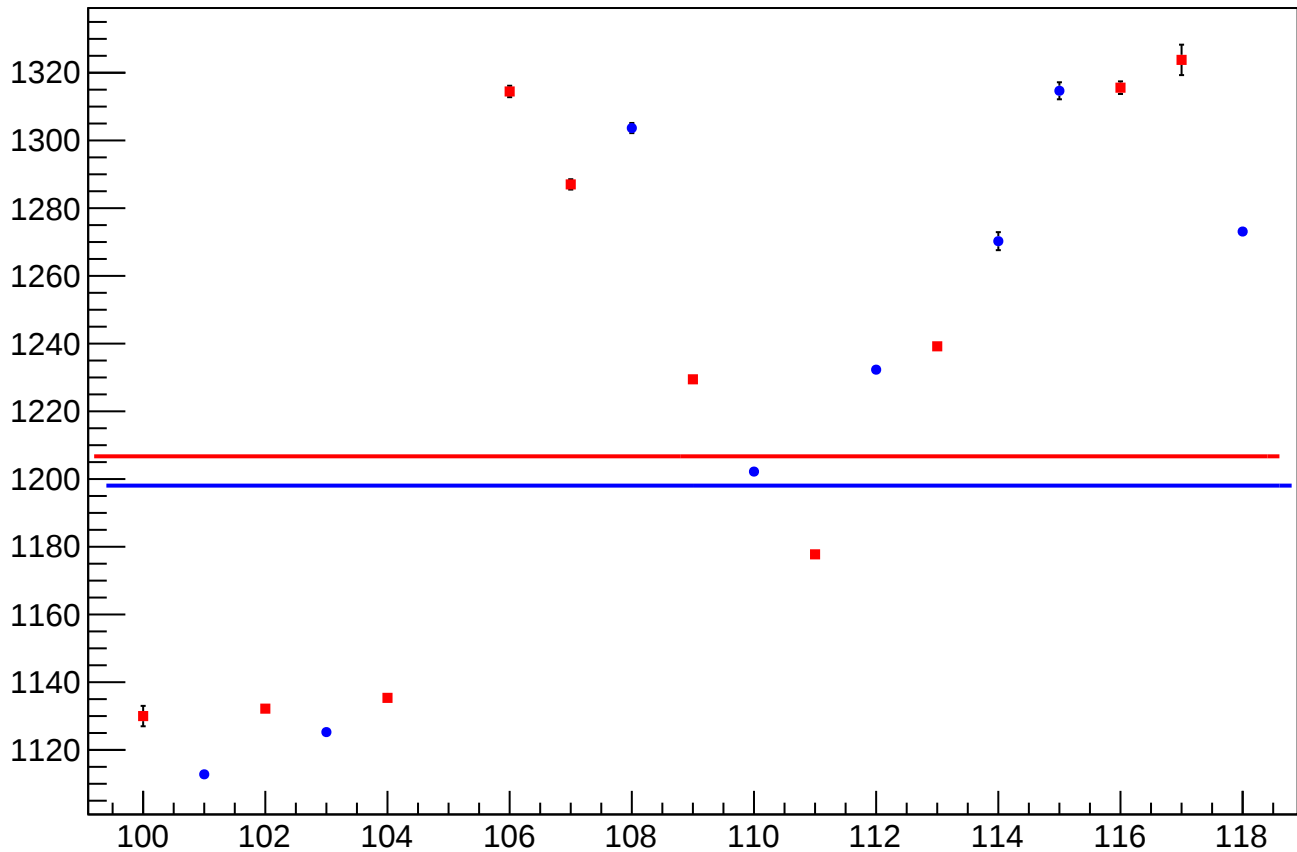
Right Out: 31.820 ± 0.649 $\chi^2/\text{NDF}: 120.2/9$

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

-27.924 ± 0.679 $\chi^2/\text{NDF}: 908.9/7$

31.820 ± 0.649 $\chi^2/\text{NDF}: 120.2/9$

diff_bpm0i02Y_rms vs Slug



Right In: 1198.061 $\pm$ 0.480 χ^2 /NDF: 23773.2/7

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

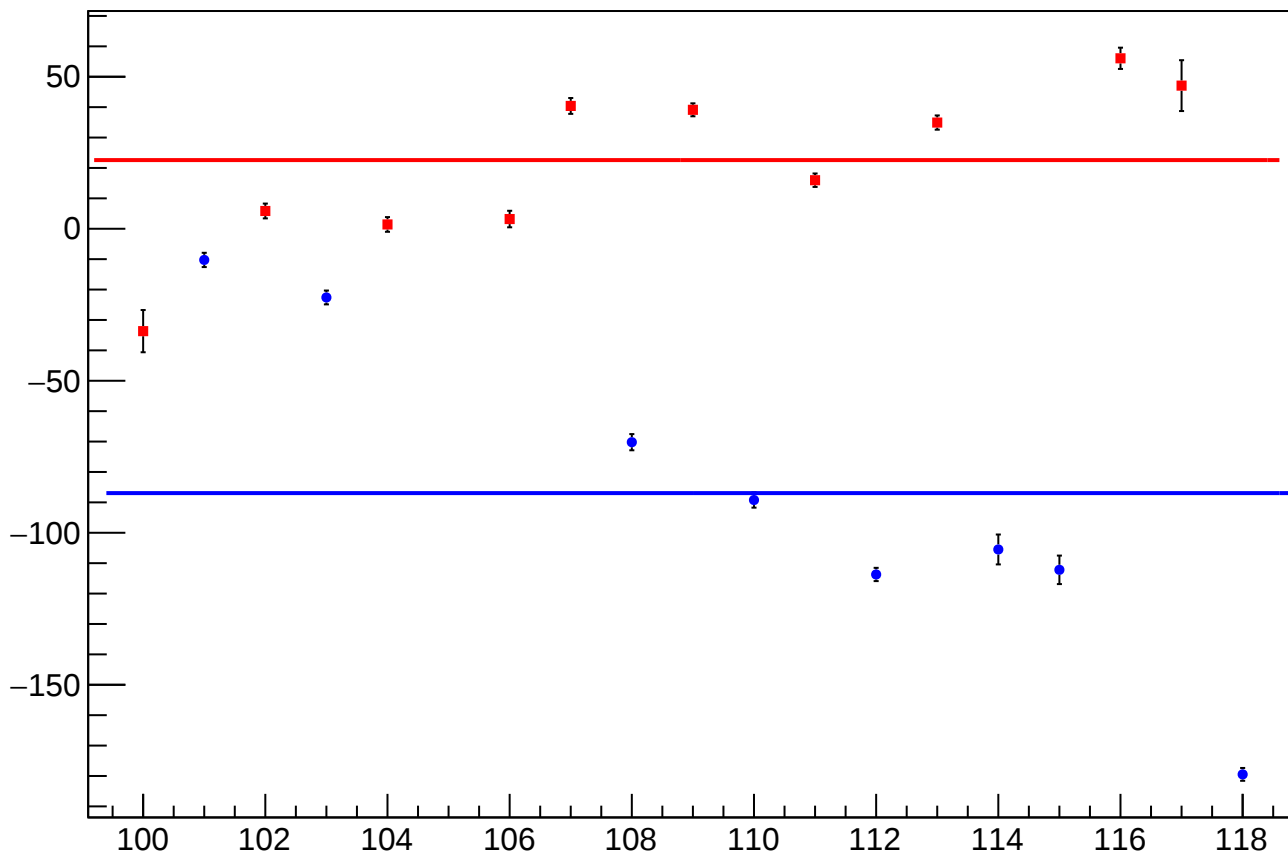
Right Out: 1206.712 $\pm$ 0.459 χ^2 /NDF: 21740.8/9

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

1198.061 $\pm$ 0.480 χ^2 /NDF: 23773.2/7

1206.712 $\pm$ 0.459 χ^2 /NDF: 21740.8/9

diff_bpm0i02aX_mean vs Slug



Right In: -86.952 $\pm$ 0.915 χ^2 /NDF: 4021.4/7

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

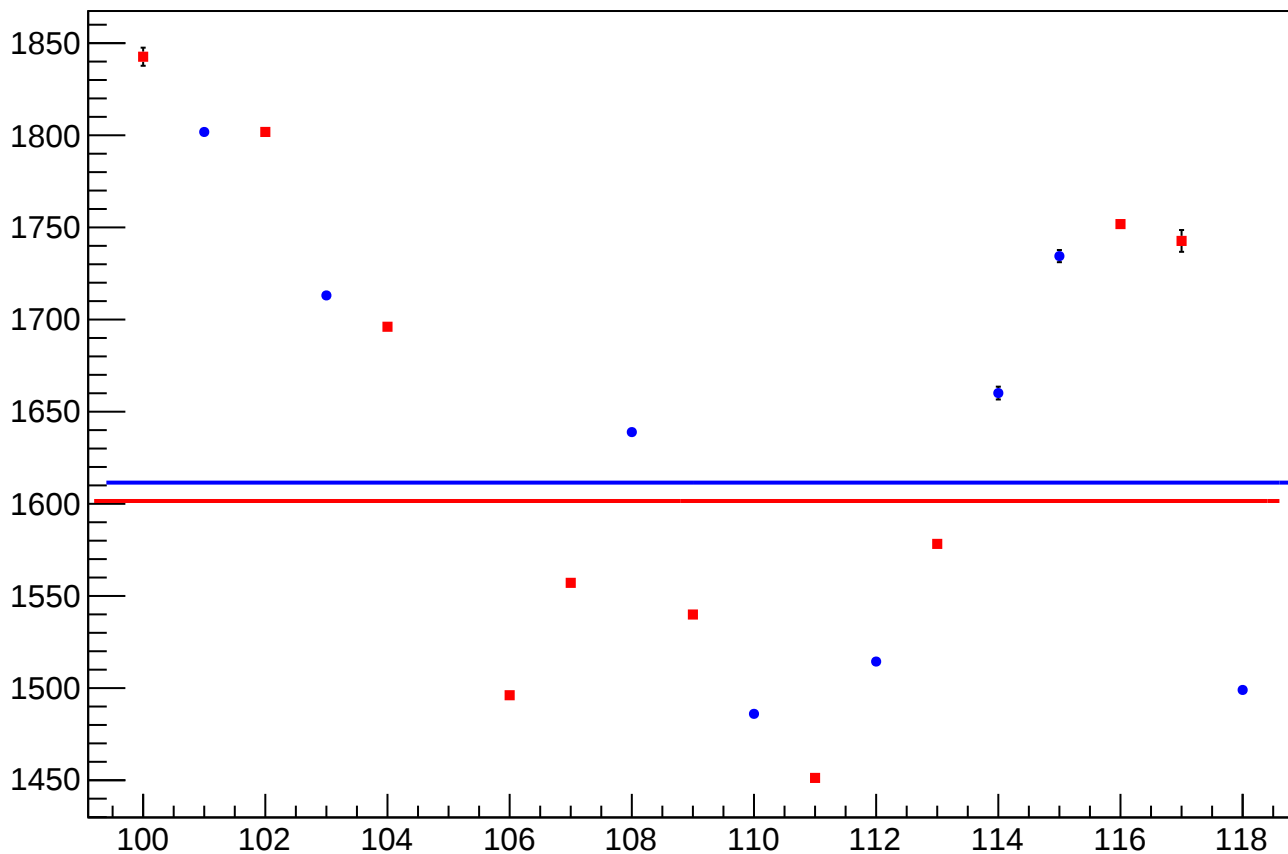
Right Out: 22.587 $\pm$ 0.862 χ^2 /NDF: 484.1/9

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

-86.952 $\pm$ 0.915 χ^2 /NDF: 4021.4/7

22.587 $\pm$ 0.862 χ^2 /NDF: 484.1/9

diff_bpm0i02aX_rms vs Slug



Right In: 1611.510 $\pm$ 0.647 χ^2 /NDF: 33537.5/7

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

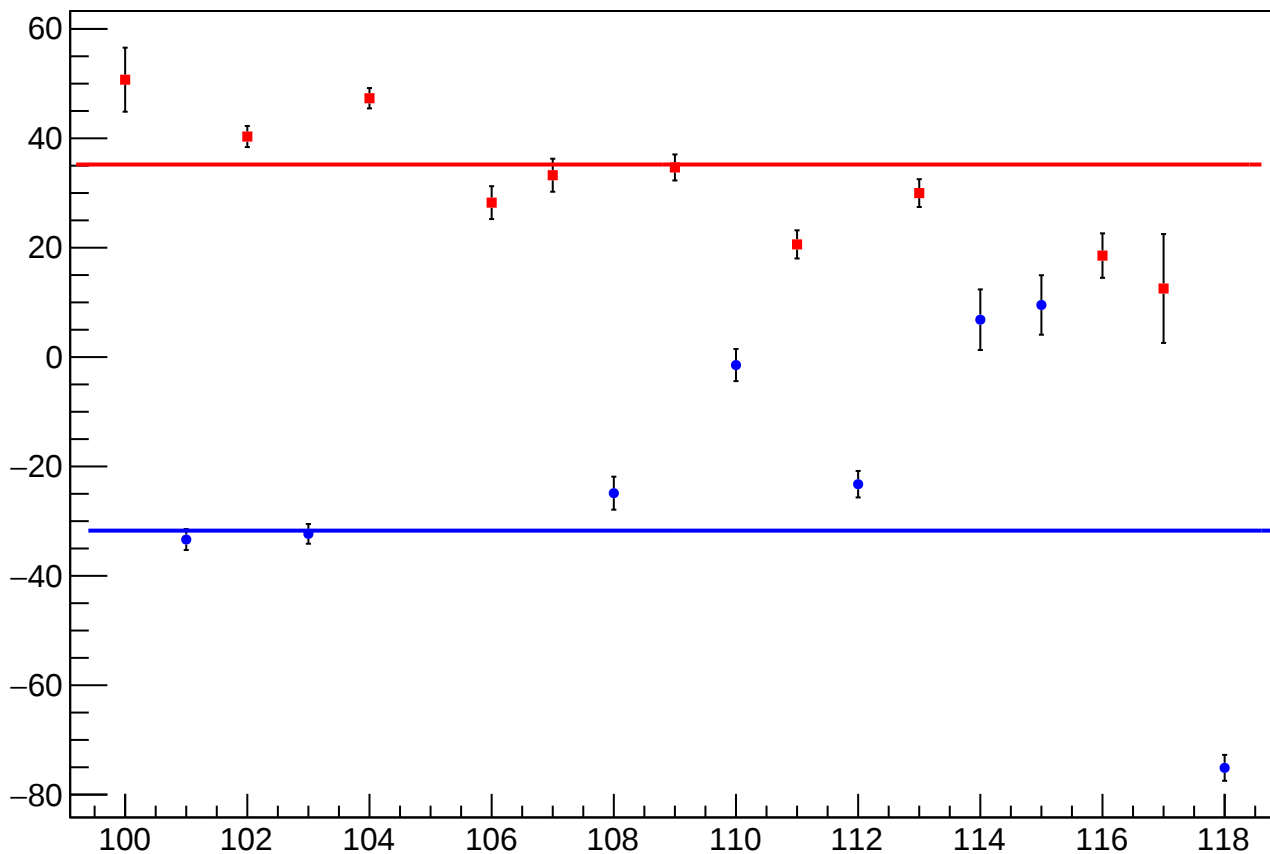
Right Out: 1601.538 $\pm$ 0.610 χ^2 /NDF: 37917.3/9

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

1611.510 $\pm$ 0.647 χ^2 /NDF: 33537.5/7

1601.538 $\pm$ 0.610 χ^2 /NDF: 37917.3/9

diff_bpm0i02aY_mean vs Slug



Right In: -31.731 ± 0.904 χ^2/NDF : 566.7/7

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

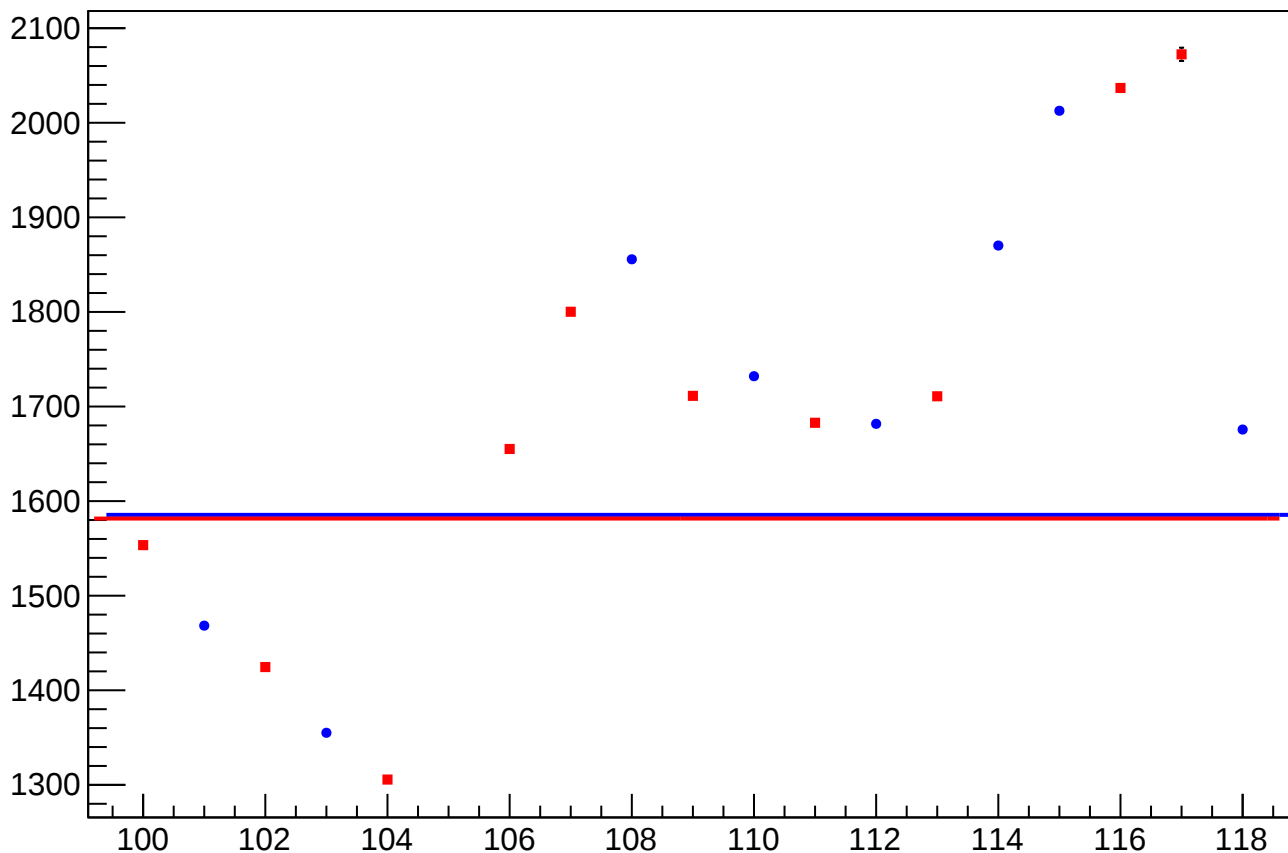
Right Out: 35.211 ± 0.857 χ^2/NDF : 120.7/9

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

-31.731 ± 0.904 χ^2/NDF : 566.7/7

35.211 ± 0.857 χ^2/NDF : 120.7/9

diff_bpm0i02aY_rms vs Slug



Right In: 1585.465+/-0.639 χ^2/NDF : 84914.6/7

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

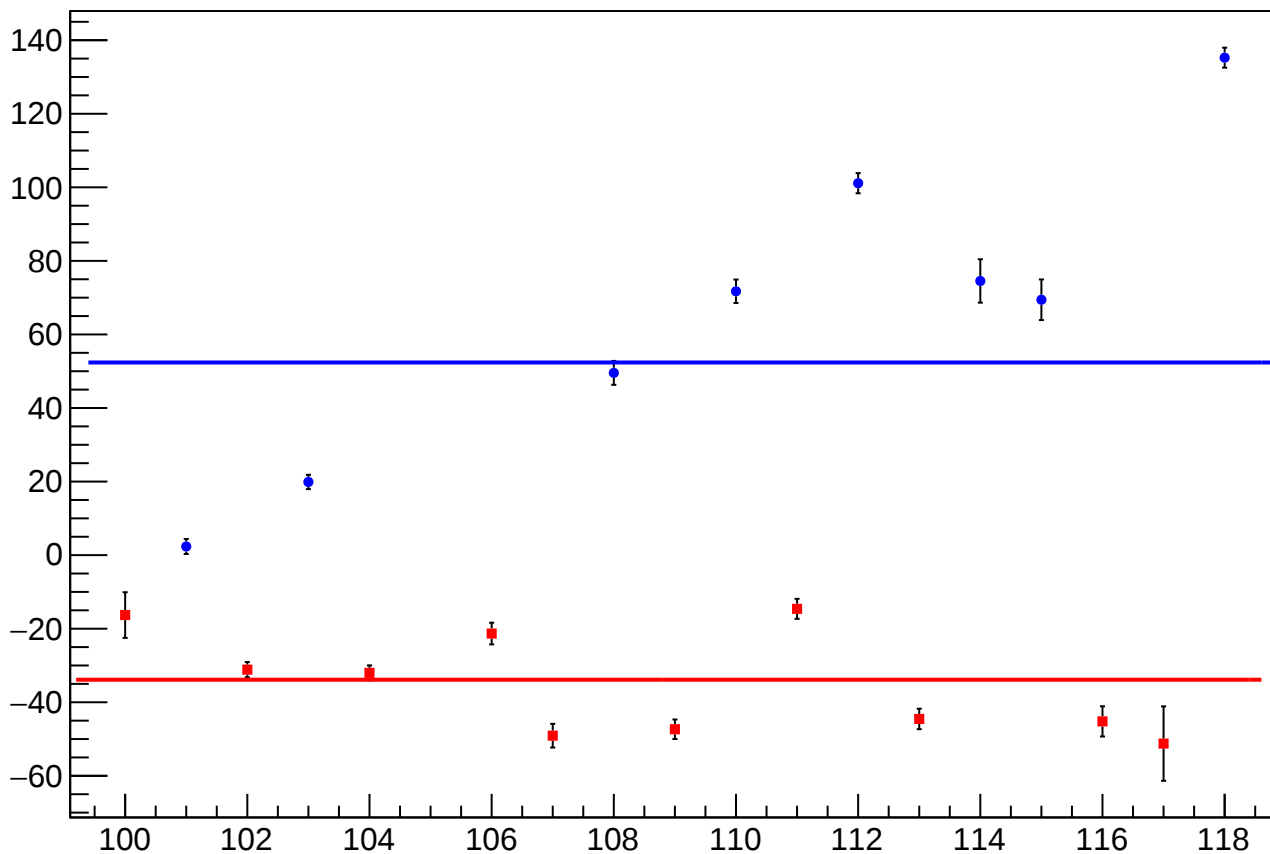
Right Out: 1581.554+/-0.606 χ^2/NDF : 113124.5/9

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

1585.465+/-0.639 χ^2/NDF : 84914.6/7

1581.554+/-0.606 χ^2/NDF : 113124.5/9

diff_bpm0i05X_mean vs Slug



Right In: 52.377+/-0.987 χ^2 /NDF: 2184.7/7

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

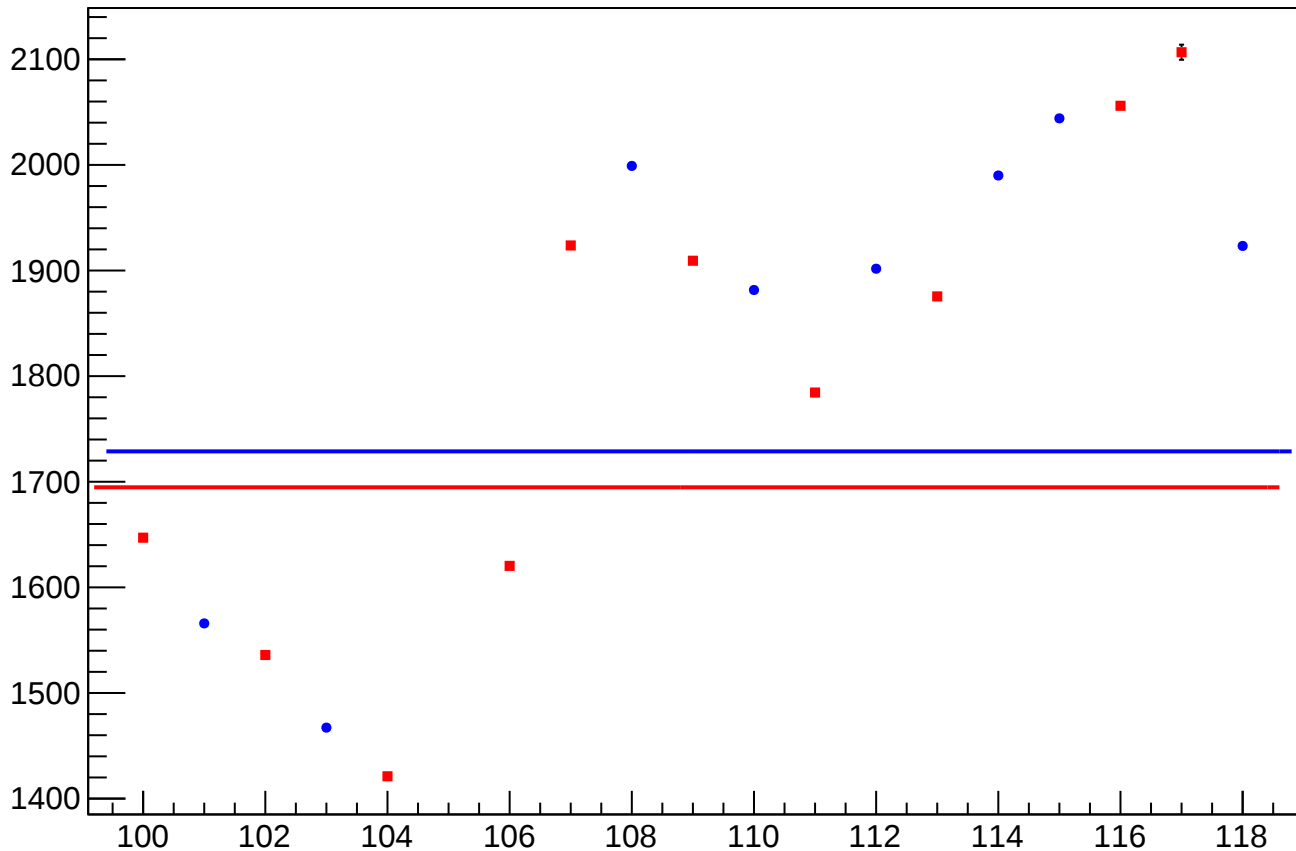
Right Out: -33.873+/-0.918 χ^2 /NDF: 152.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

52.377+/-0.987 χ^2 /NDF: 2184.7/7

-33.873+/-0.918 χ^2 /NDF: 152.0/9

diff_bpm0i05X_rms vs Slug



Right In: 1728.761 $\pm$ 0.698 χ^2 /NDF: 95756.7/7

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

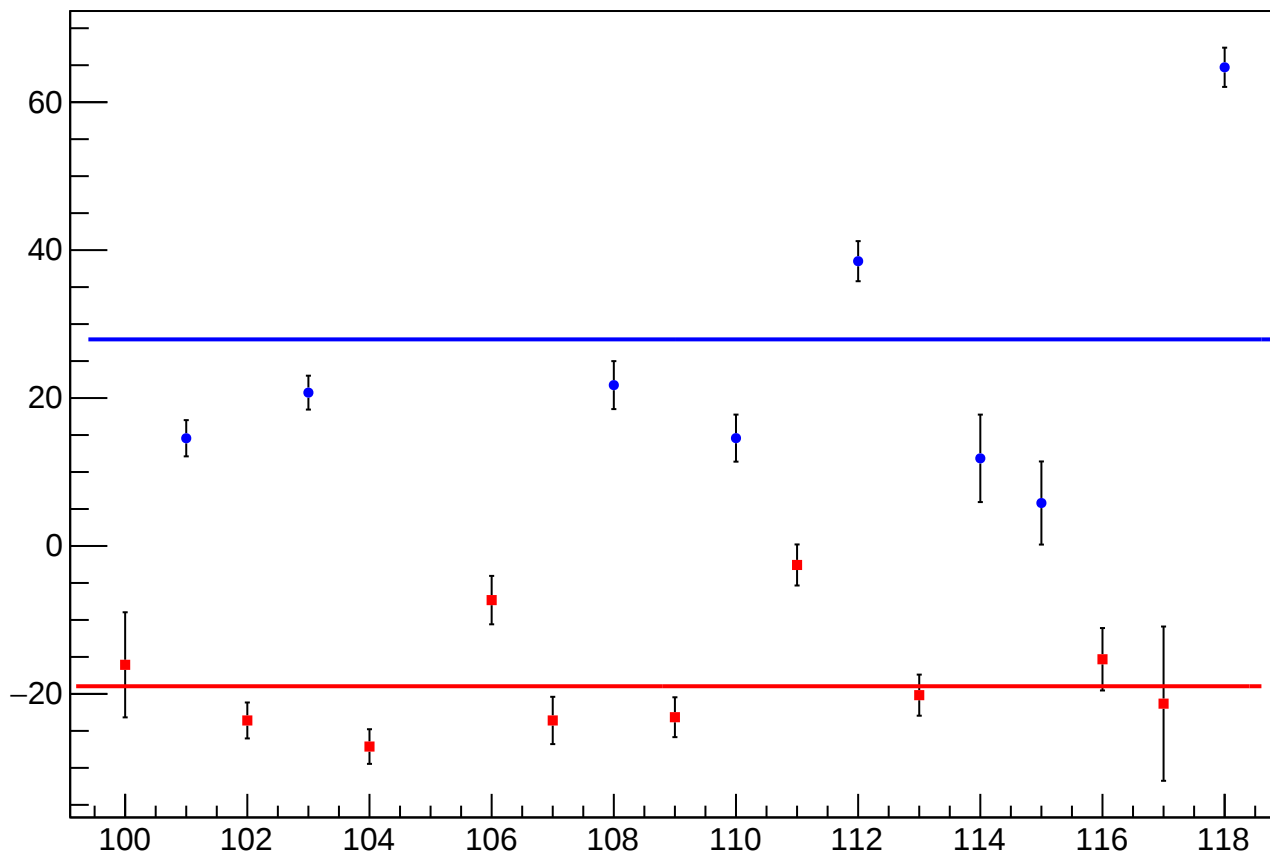
Right Out: 1694.744 $\pm$ 0.649 χ^2 /NDF: 102092.7/9

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

1728.761 $\pm$ 0.698 χ^2 /NDF: 95756.7/7

1694.744 $\pm$ 0.649 χ^2 /NDF: 102092.7/9

diff_bpm0i05Y_mean vs Slug



Right In: 27.931+/-1.060 χ^2 /NDF: 291.3/7

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

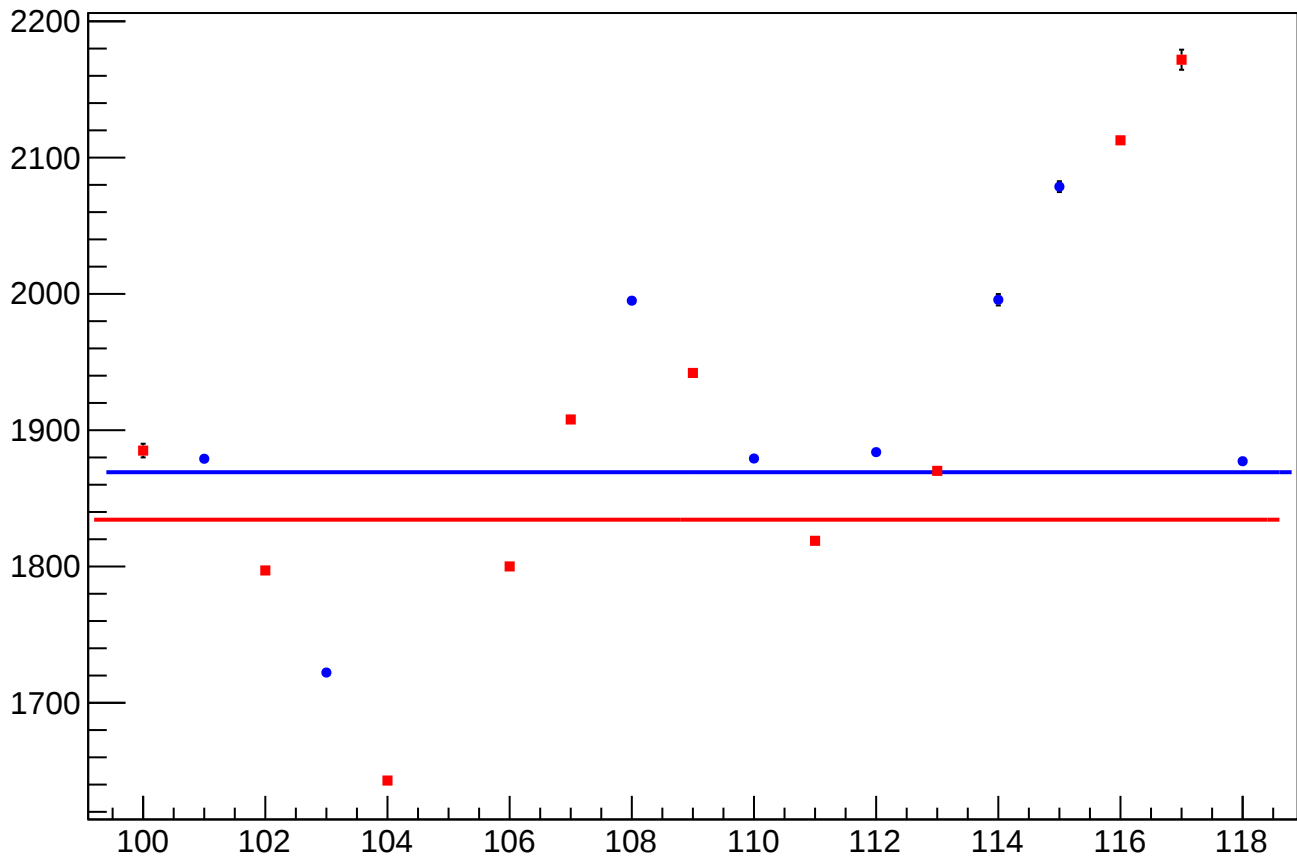
Right Out: -18.964+/-0.988 χ^2 /NDF: 68.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.931+/-1.060 χ^2 /NDF: 291.3/7

-18.964+/-0.988 χ^2 /NDF: 68.9/9

diff_bpm0i05Y_rms vs Slug



Right In: 1869.180 $\pm$ 0.750 χ^2 /NDF: 15076.1/7

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

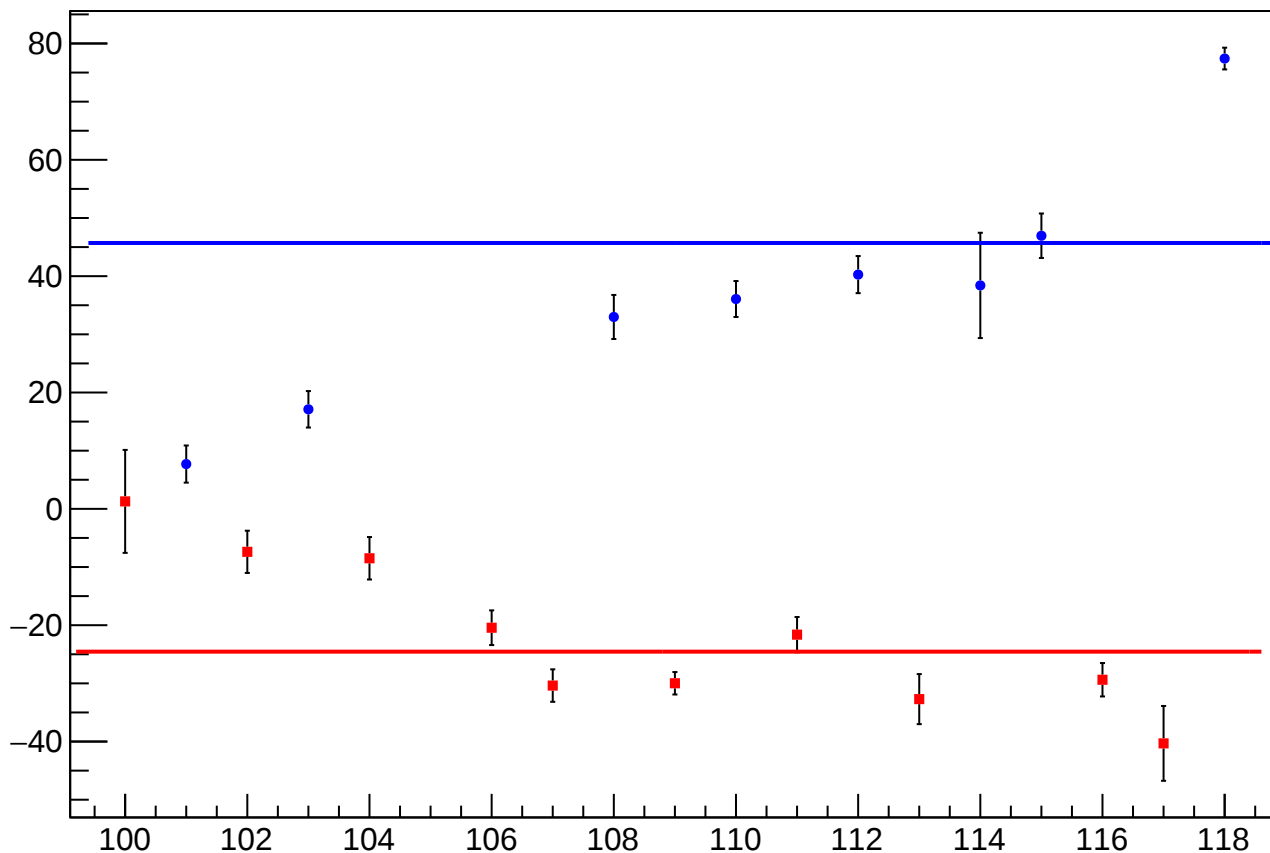
Right Out: 1834.346 $\pm$ 0.698 χ^2 /NDF: 29588.3/9

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

1869.180 $\pm$ 0.750 χ^2 /NDF: 15076.1/7

1834.346 $\pm$ 0.698 χ^2 /NDF: 29588.3/9

diff_bpm0i07X_mean vs Slug



Right In: 45.707 $\pm$ 1.092 χ^2 /NDF: 536.9/7

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

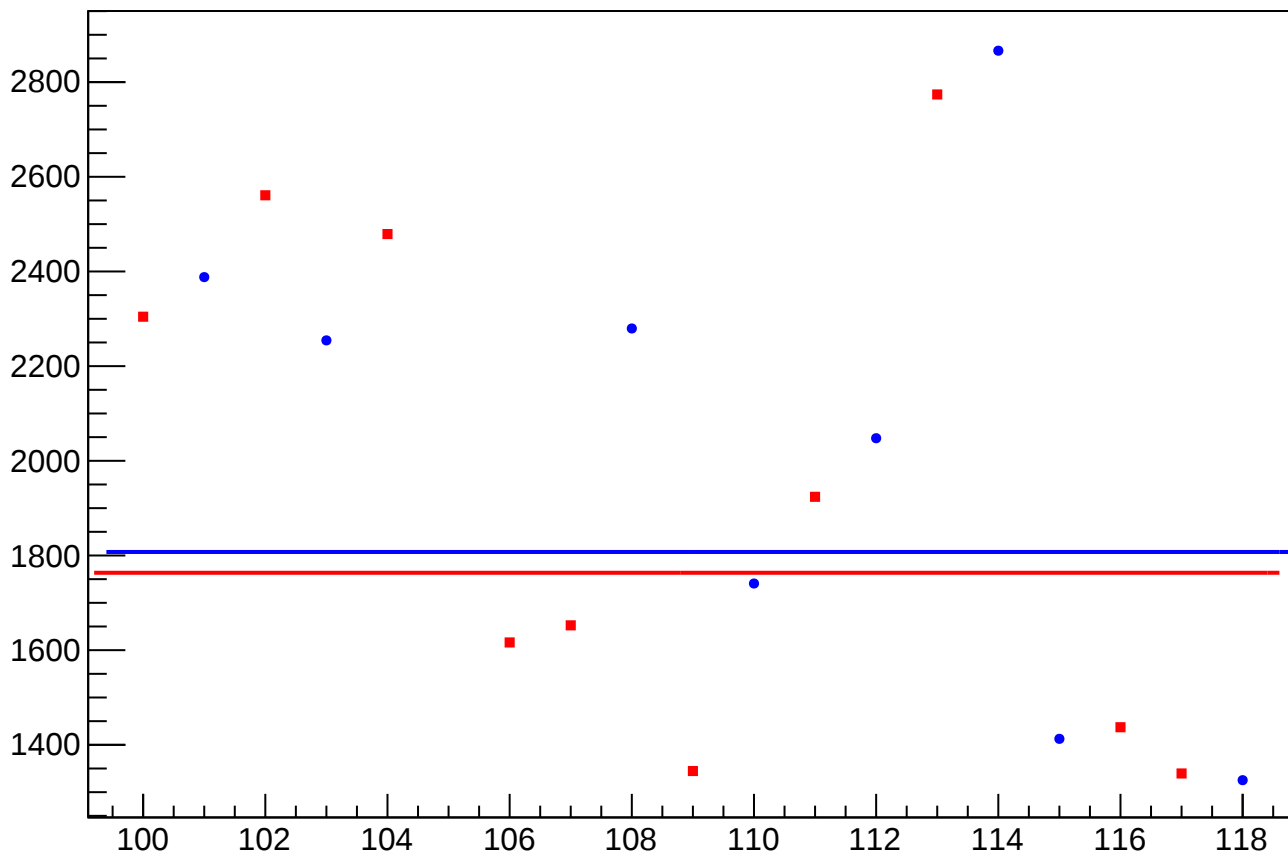
Right Out: -24.546 $\pm$ 1.009 χ^2 /NDF: 77.7/9

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

45.707 $\pm$ 1.092 χ^2 /NDF: 536.9/7

-24.546 $\pm$ 1.009 χ^2 /NDF: 77.7/9

diff_bpm0i07X_rms vs Slug



Right In: 1807.436 $\pm$ 0.772 χ^2 /NDF: 331803.8/7

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

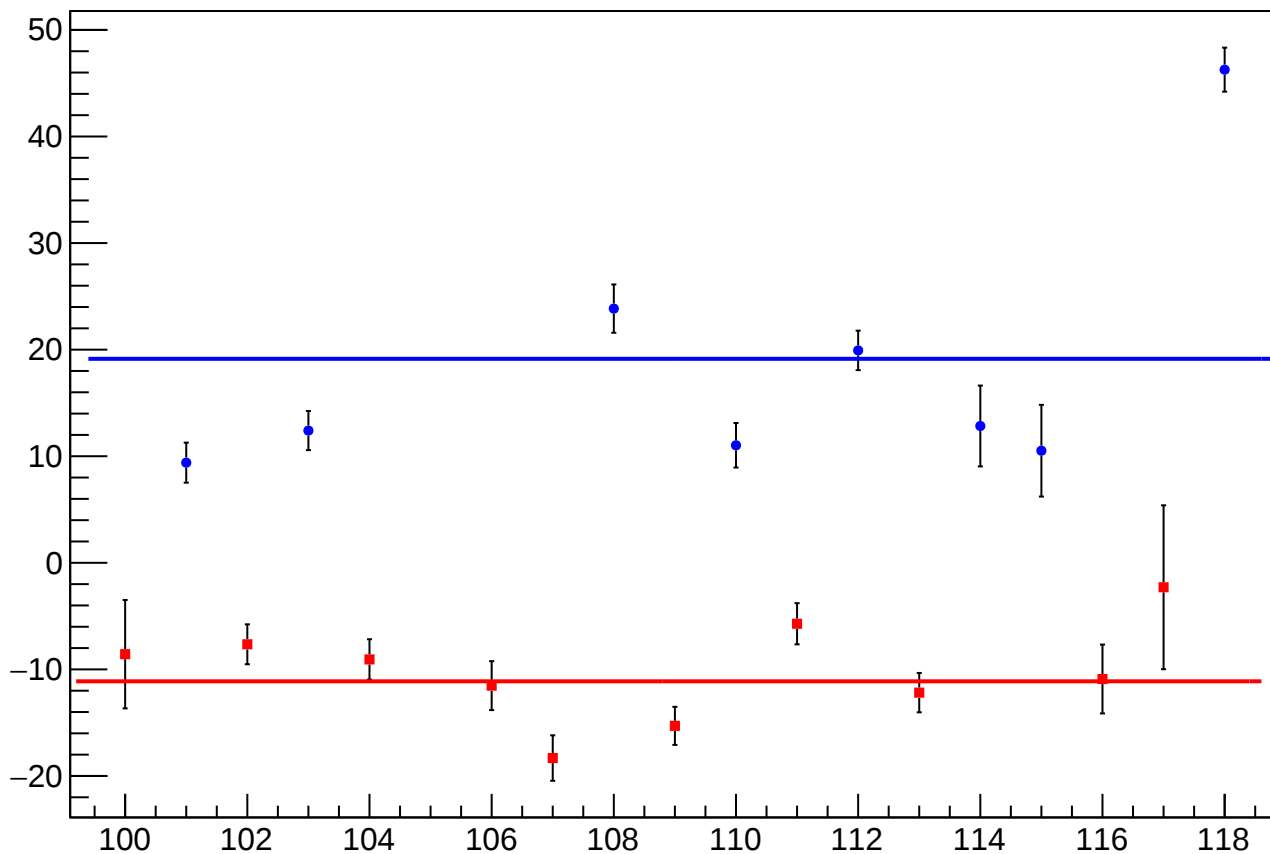
Right Out: 1763.516 $\pm$ 0.714 χ^2 /NDF: 433378.7/9

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

1807.436 $\pm$ 0.772 χ^2 /NDF: 331803.8/7

1763.516 $\pm$ 0.714 χ^2 /NDF: 433378.7/9

diff_bpm0i07Y_mean vs Slug



Right In: 19.140+/-0.778 χ^2/NDF : 239.6/7

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

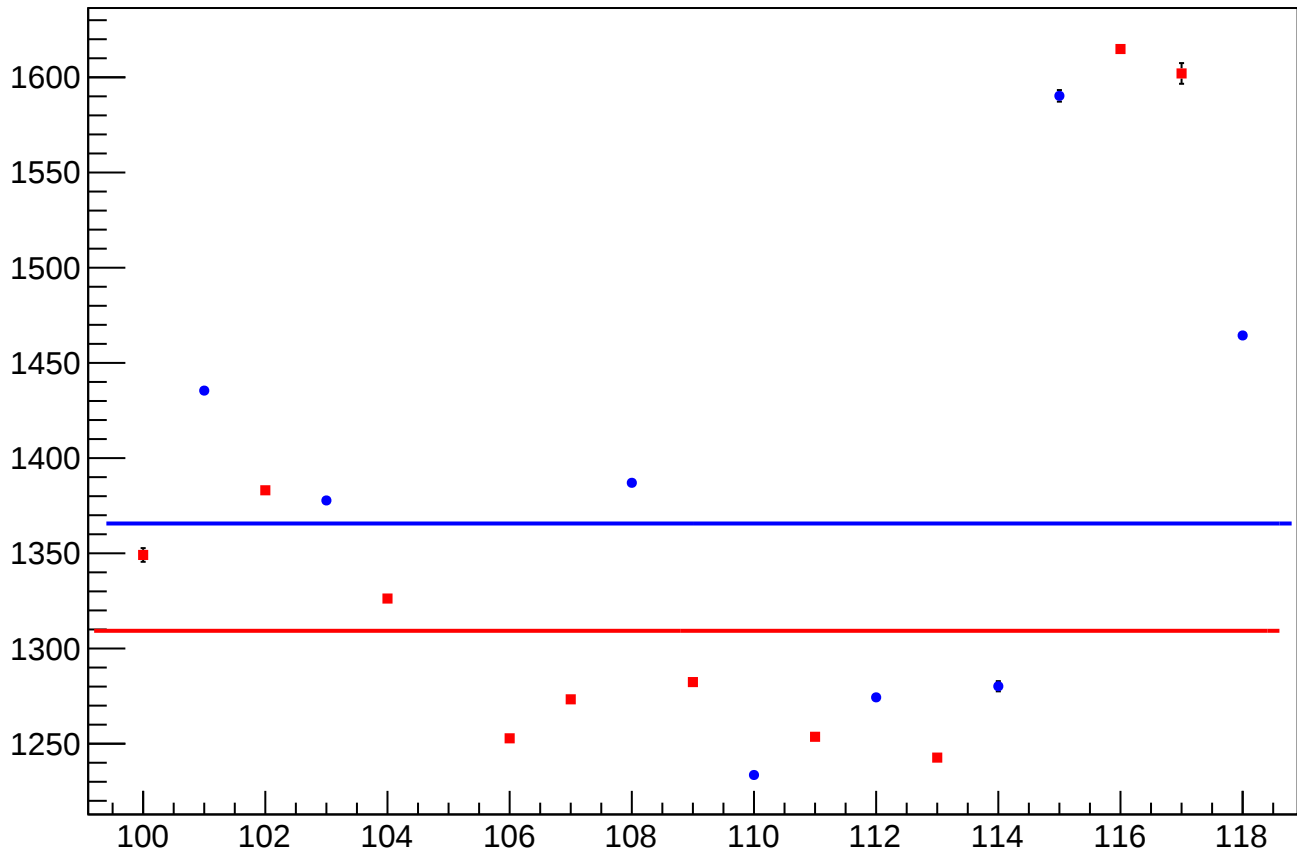
Right Out: -11.118+/-0.707 χ^2/NDF : 31.2/9

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

19.140+/-0.778 χ^2/NDF : 239.6/7

-11.118+/-0.707 χ^2/NDF : 31.2/9

diff_bpm0i07Y_rms vs Slug



Right In: 1365.655 $\pm$ 0.550 χ^2 /NDF: 26932.2/7

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

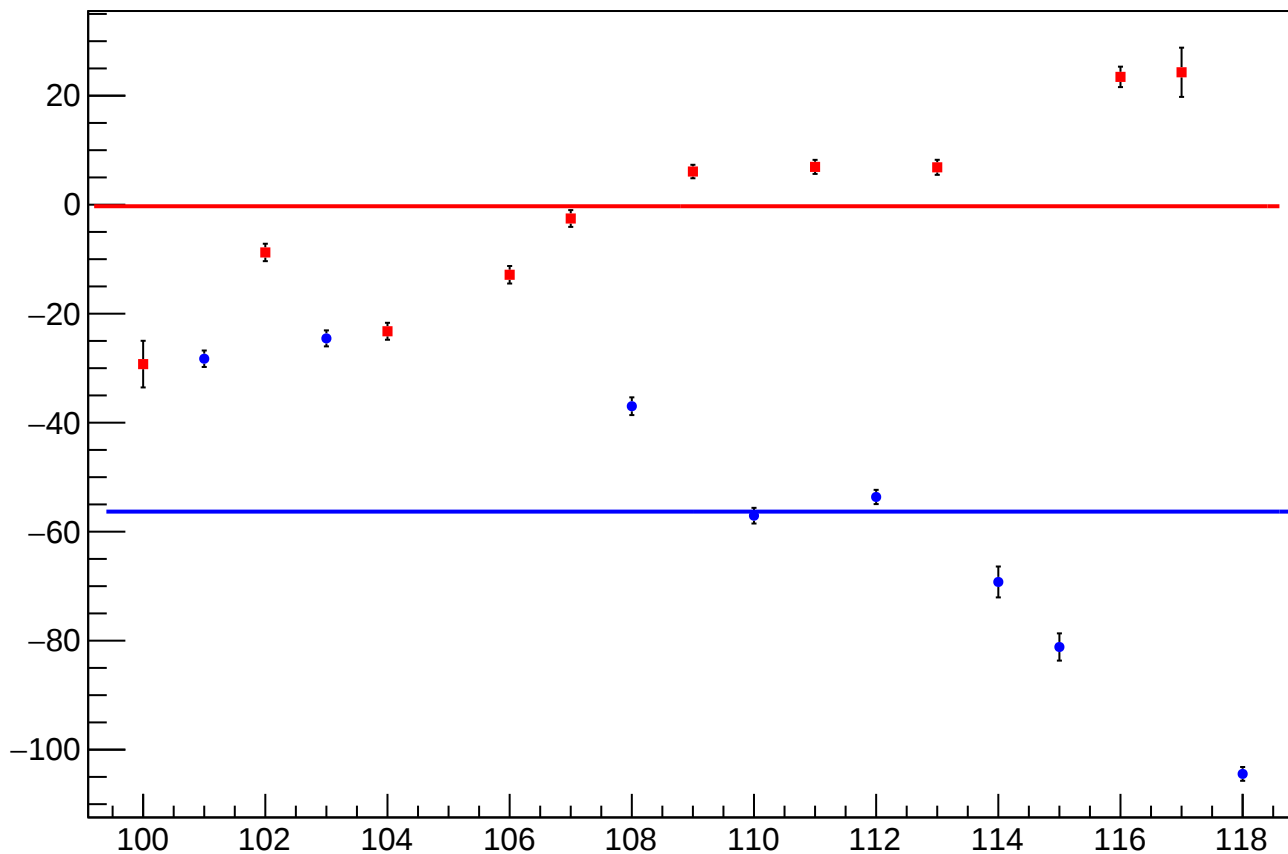
Right Out: 1309.297 $\pm$ 0.500 χ^2 /NDF: 30686.1/9

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

1365.655 $\pm$ 0.550 χ^2 /NDF: 26932.2/7

1309.297 $\pm$ 0.500 χ^2 /NDF: 30686.1/9

diff_bpm1i02X_mean vs Slug



Right In: -56.319+/-0.554 χ^2/NDF : 2523.8/7

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

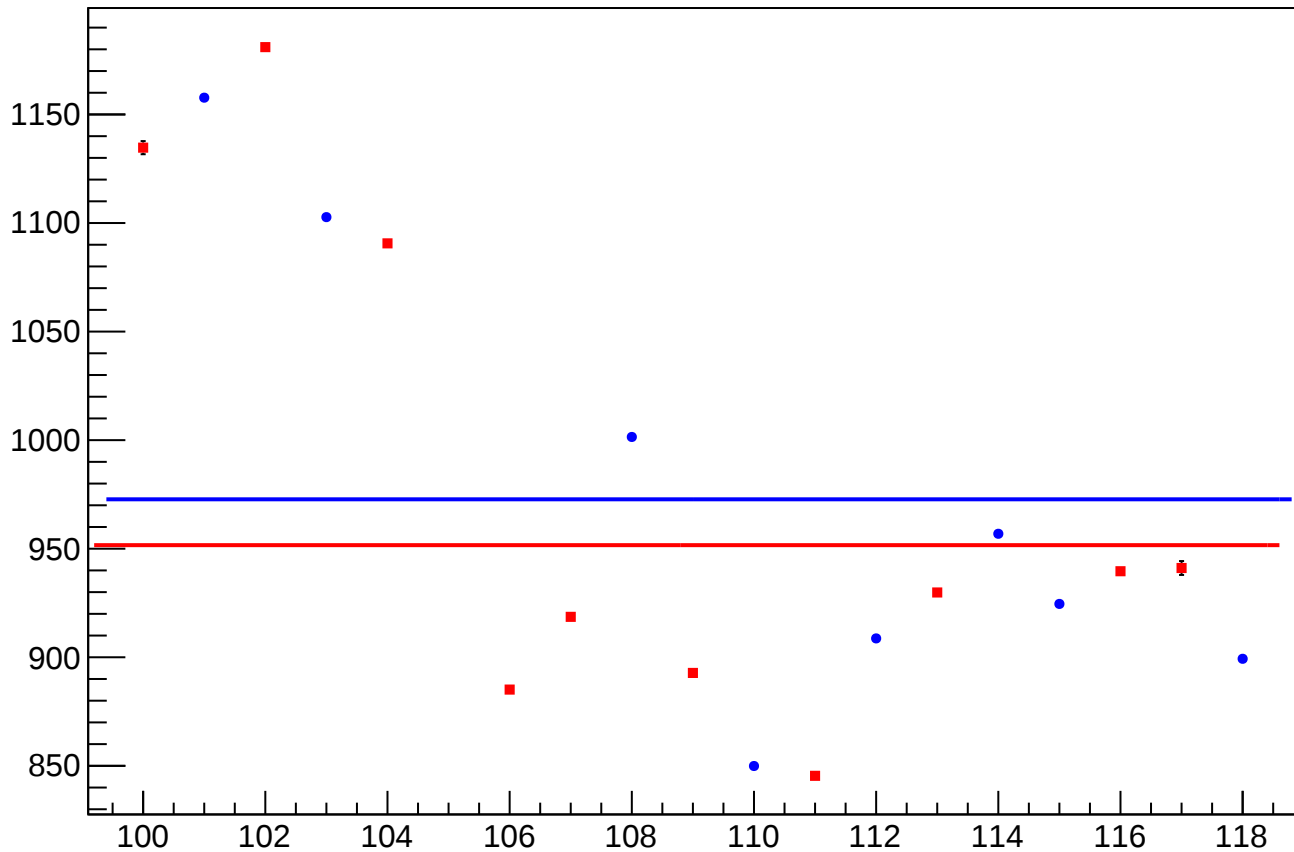
Right Out: -0.286+/-0.514 χ^2/NDF : 629.1/9

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

-56.319+/-0.554 χ^2/NDF : 2523.8/7

-0.286+/-0.514 χ^2/NDF : 629.1/9

diff_bpm1i02X_rms vs Slug



Right In: 972.751+/-0.392 χ^2/NDF : 73275.5/7

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

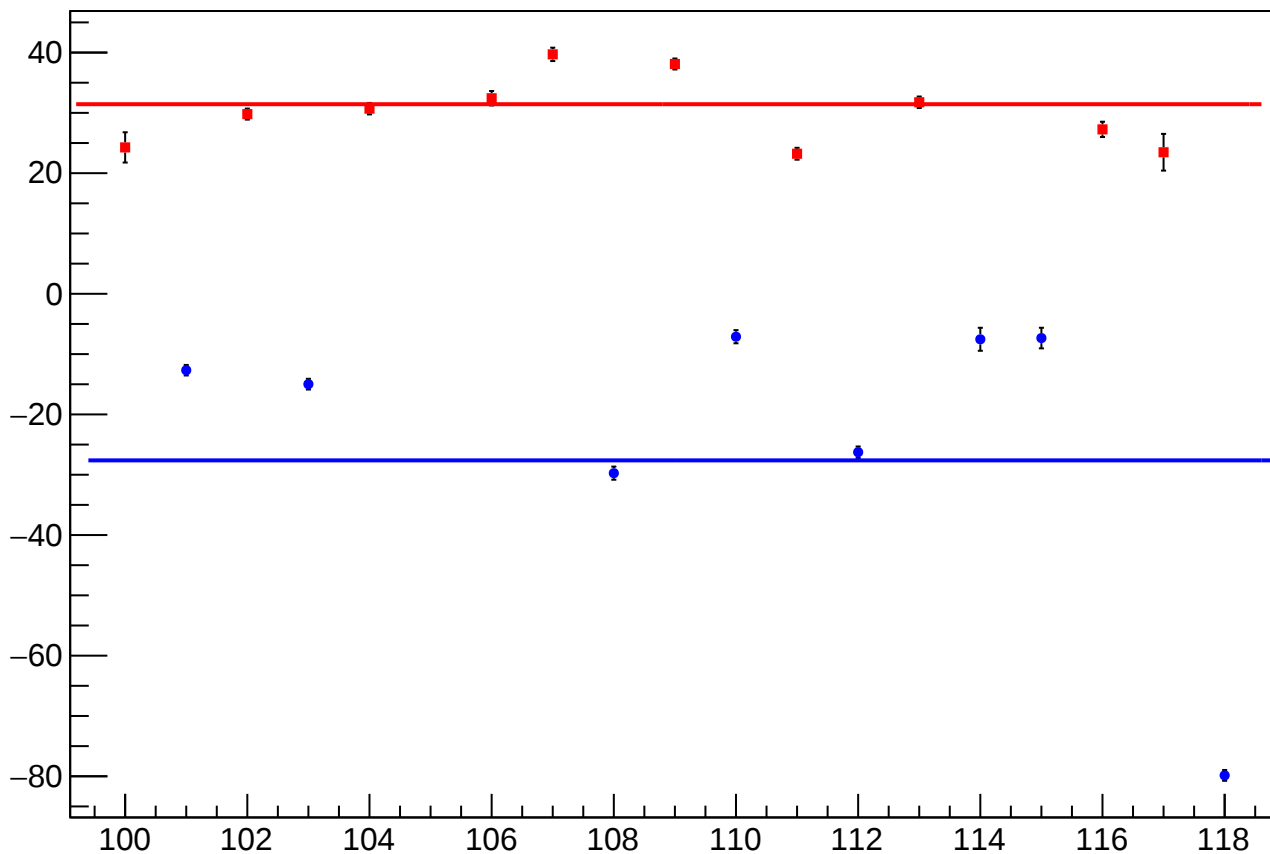
Right Out: 951.635+/-0.364 χ^2/NDF : 83871.6/9

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

972.751+/-0.392 χ^2/NDF : 73275.5/7

951.635+/-0.364 χ^2/NDF : 83871.6/9

diff_bpm1i02Y_mean vs Slug



Right In: -27.620 ± 0.371 $\chi^2/\text{NDF}: 4503.5/7$

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

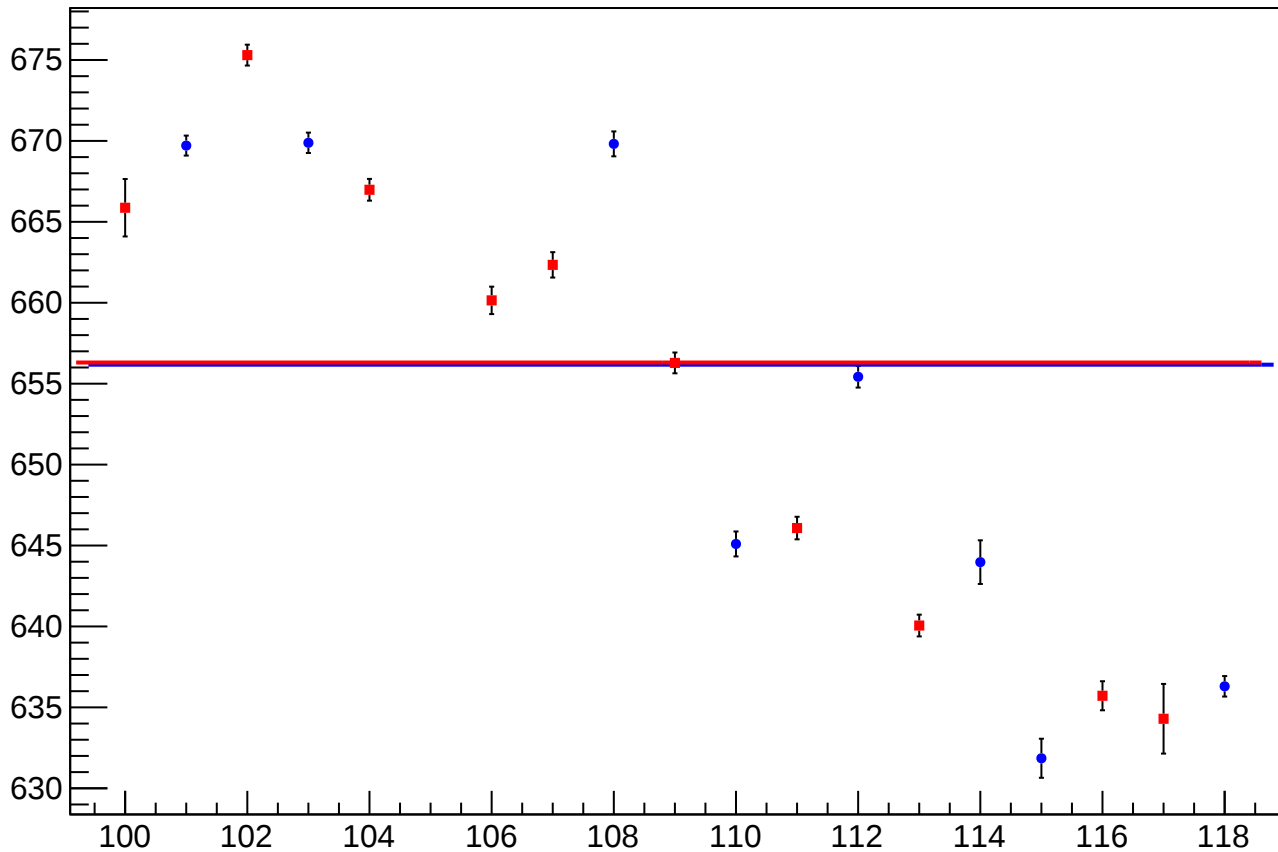
Right Out: 31.436 ± 0.352 $\chi^2/\text{NDF}: 209.2/9$

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

-27.620 ± 0.371 $\chi^2/\text{NDF}: 4503.5/7$

31.436 ± 0.352 $\chi^2/\text{NDF}: 209.2/9$

diff_bpm1i02Y_rms vs Slug



Right In: 656.174+/-0.263 χ^2/NDF : 2948.7/7

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

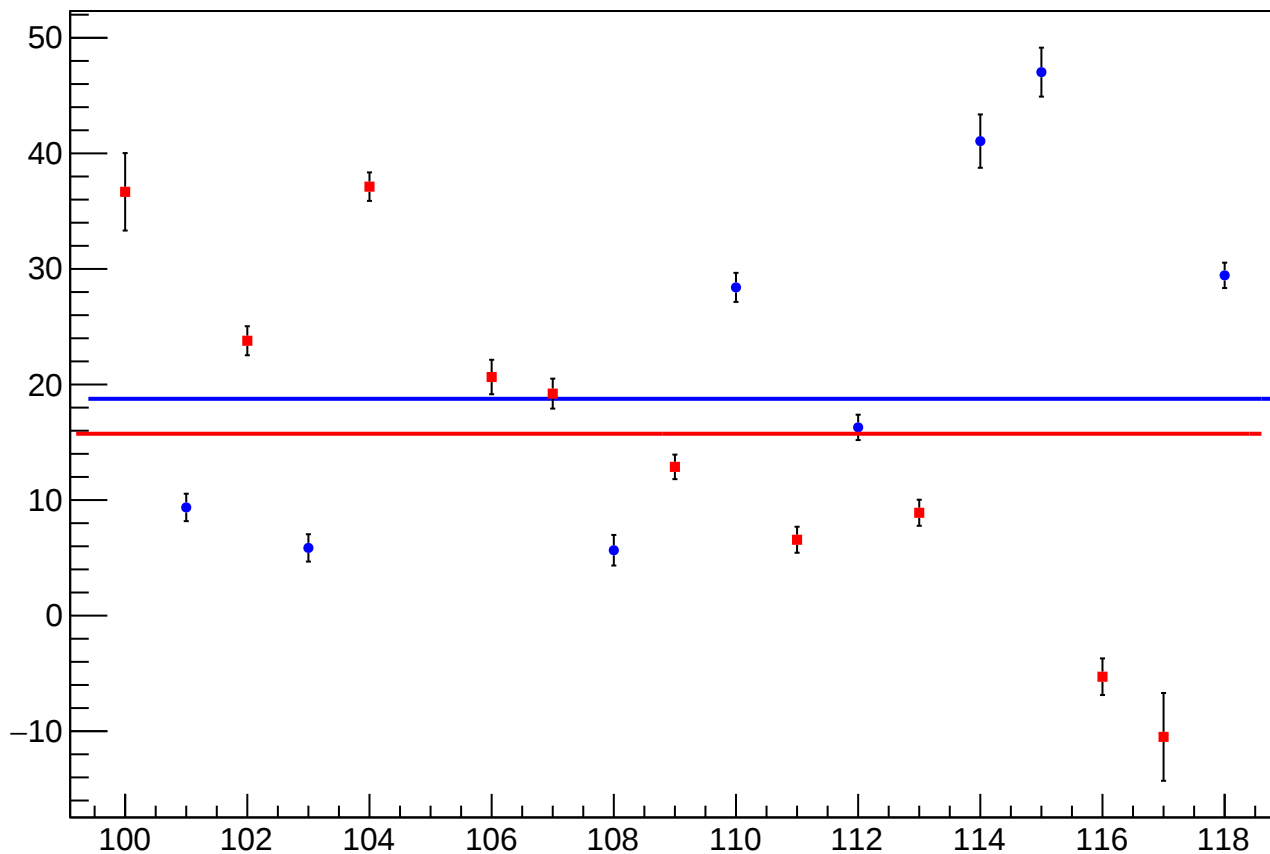
Right Out: 656.308+/-0.249 χ^2/NDF : 2658.0/9

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

656.174+/-0.263 χ^2/NDF : 2948.7/7

656.308+/-0.249 χ^2/NDF : 2658.0/9

diff_bpm1i04X_mean vs Slug



Right In: 18.763 $\pm$ 0.461 χ^2 /NDF: 709.6/7

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

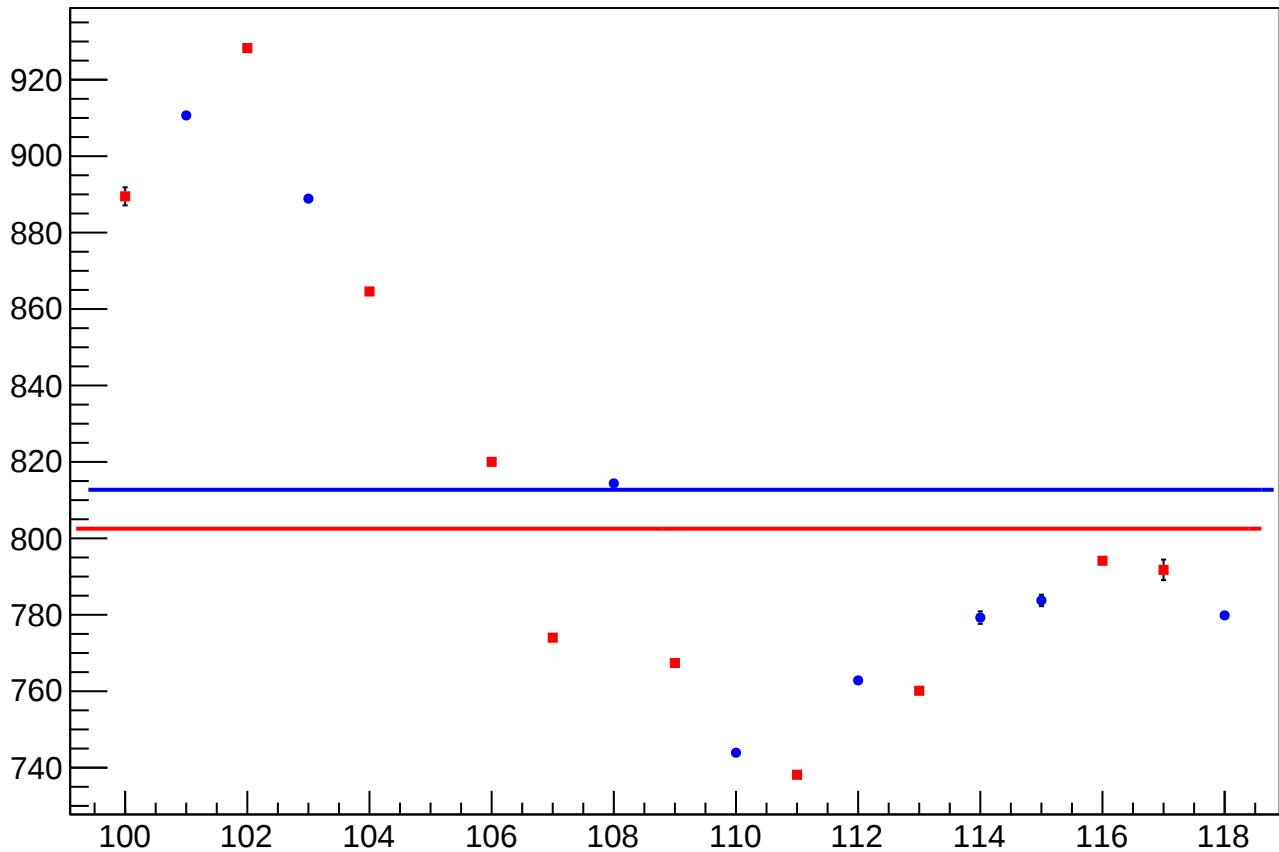
Right Out: 15.739 $\pm$ 0.432 χ^2 /NDF: 732.9/9

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

18.763 $\pm$ 0.461 χ^2 /NDF: 709.6/7

15.739 $\pm$ 0.432 χ^2 /NDF: 732.9/9

diff_bpm1i04X_rms vs Slug



Right In: 812.710 $\pm$ 0.326 χ^2 /NDF: 34621.1/7

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

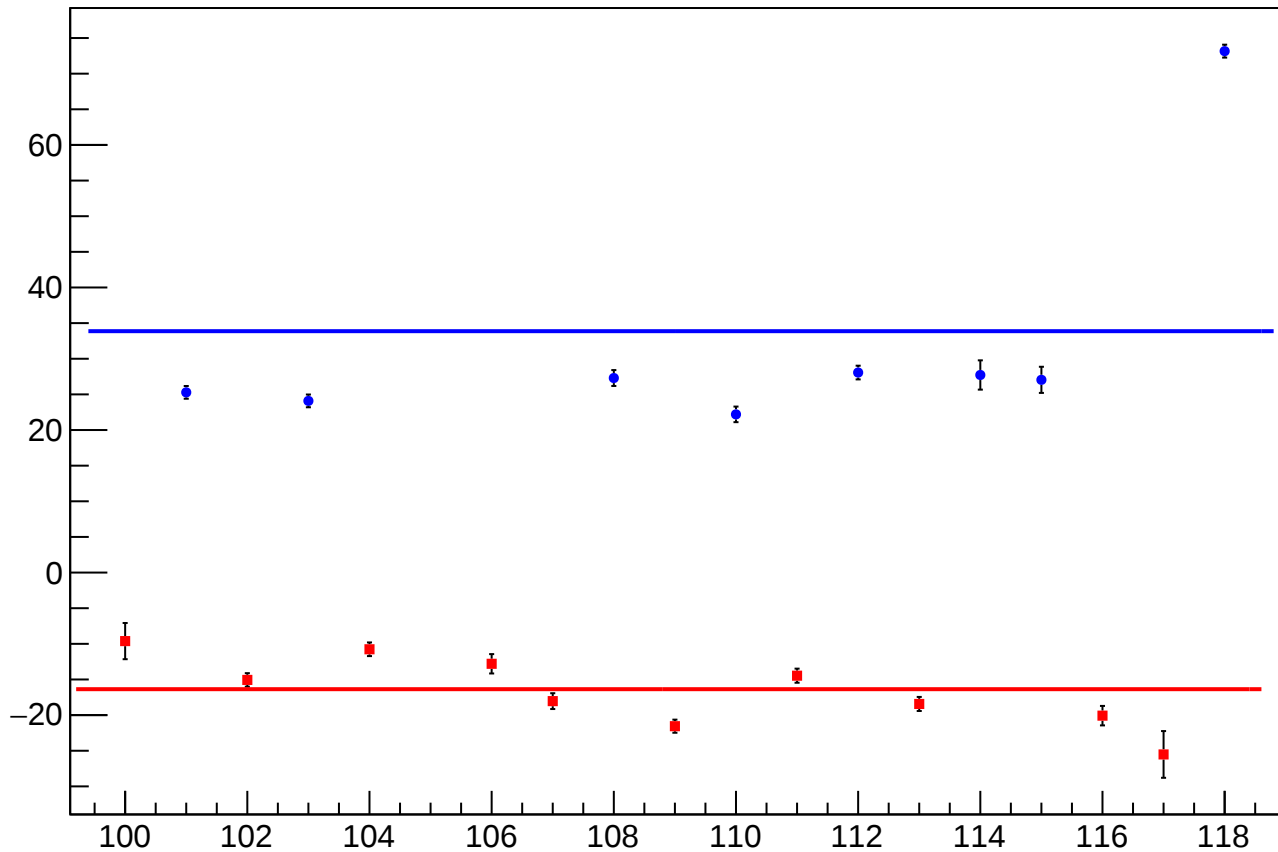
Right Out: 802.531 $\pm$ 0.306 χ^2 /NDF: 39334.7/9

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

812.710 $\pm$ 0.326 χ^2 /NDF: 34621.1/7

802.531 $\pm$ 0.306 χ^2 /NDF: 39334.7/9

diff_bpm1i04Y_mean vs Slug



Right In: 33.869+/-0.379 χ^2/NDF : 2295.0/7

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

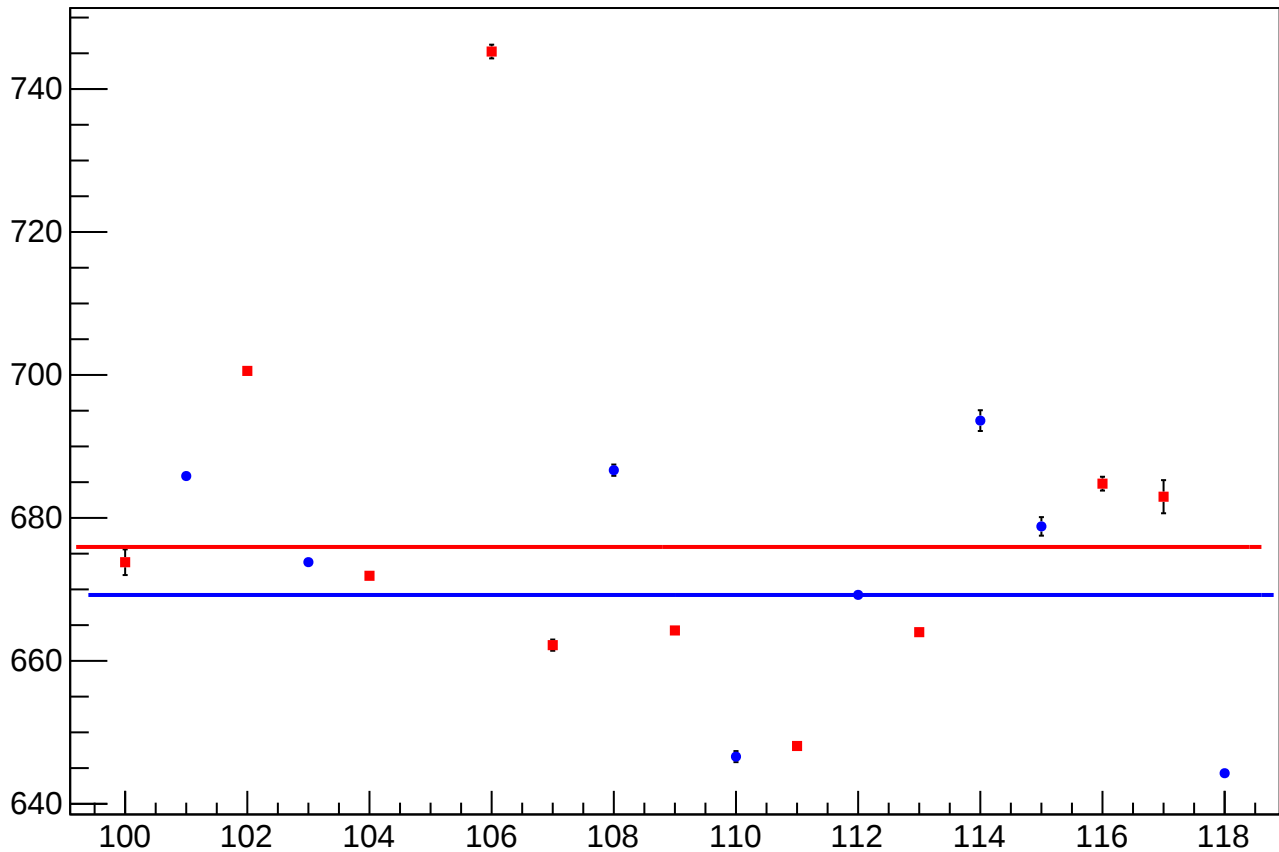
Right Out: -16.362+/-0.363 χ^2/NDF : 107.4/9

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

33.869+/-0.379 χ^2/NDF : 2295.0/7

-16.362+/-0.363 χ^2/NDF : 107.4/9

diff_bpm1i04Y_rms vs Slug



Right In: 669.220 $\pm$ 0.268 χ^2 /NDF: 3938.2/7

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

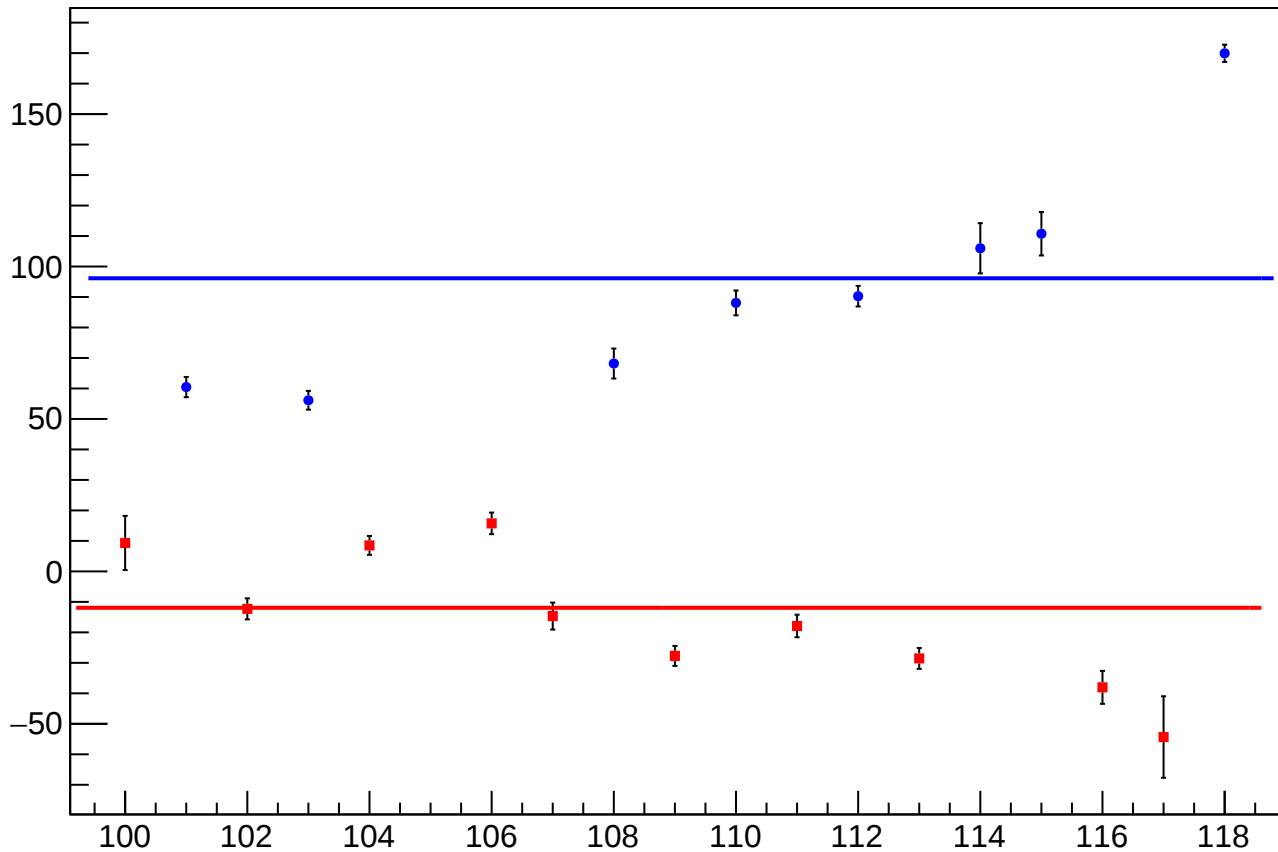
Right Out: 675.938 $\pm$ 0.257 χ^2 /NDF: 9197.8/9

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

669.220 $\pm$ 0.268 χ^2 /NDF: 3938.2/7

675.938 $\pm$ 0.257 χ^2 /NDF: 9197.8/9

diff_bpm1i06X_mean vs Slug



Right In: 96.145+/-1.355 χ^2/NDF : 1008.1/7

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

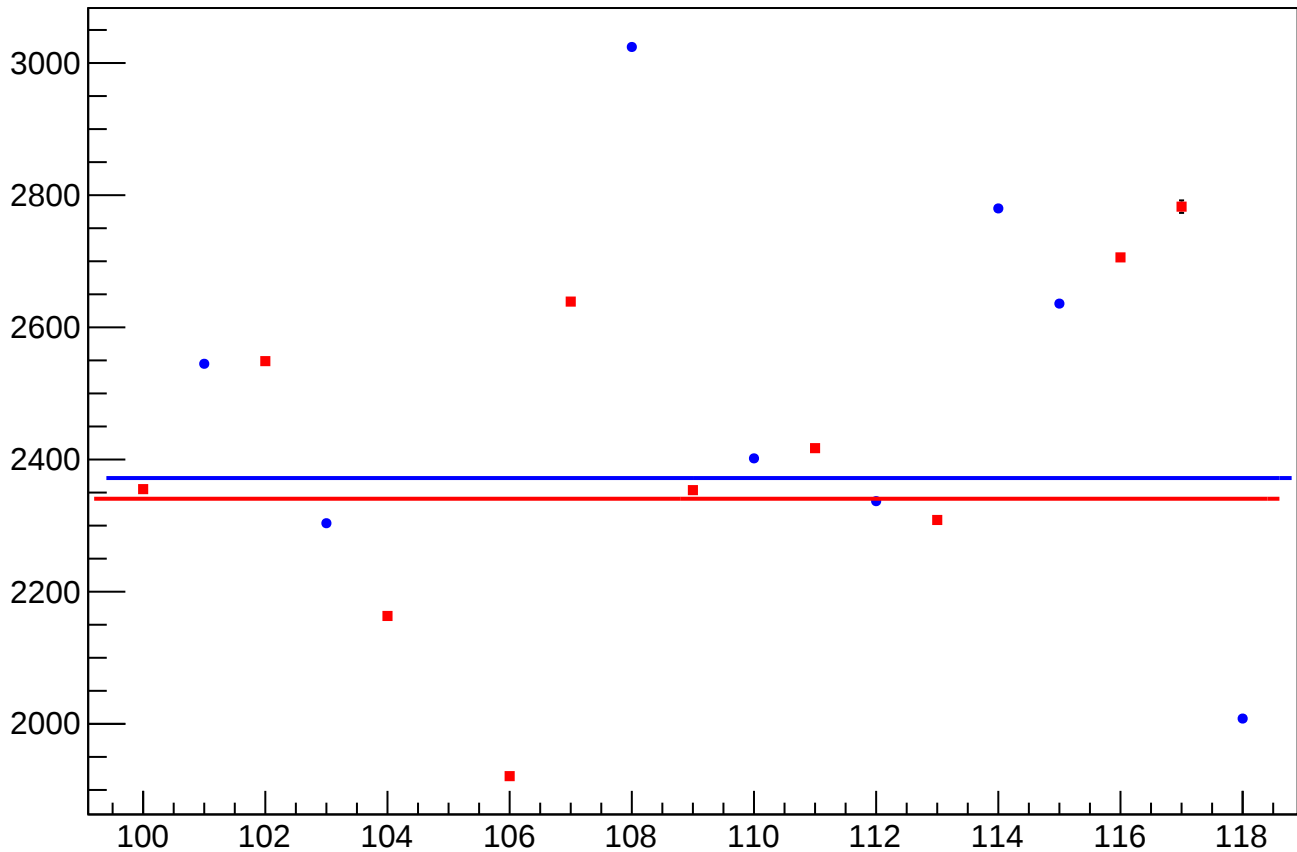
Right Out: -11.937+/-1.268 χ^2/NDF : 193.3/9

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

96.145+/-1.355 χ^2/NDF : 1008.1/7

-11.937+/-1.268 χ^2/NDF : 193.3/9

diff_bpm1i06X_rms vs Slug



Right In: 2371.971+/-0.958 χ^2/NDF : 82546.6/7

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

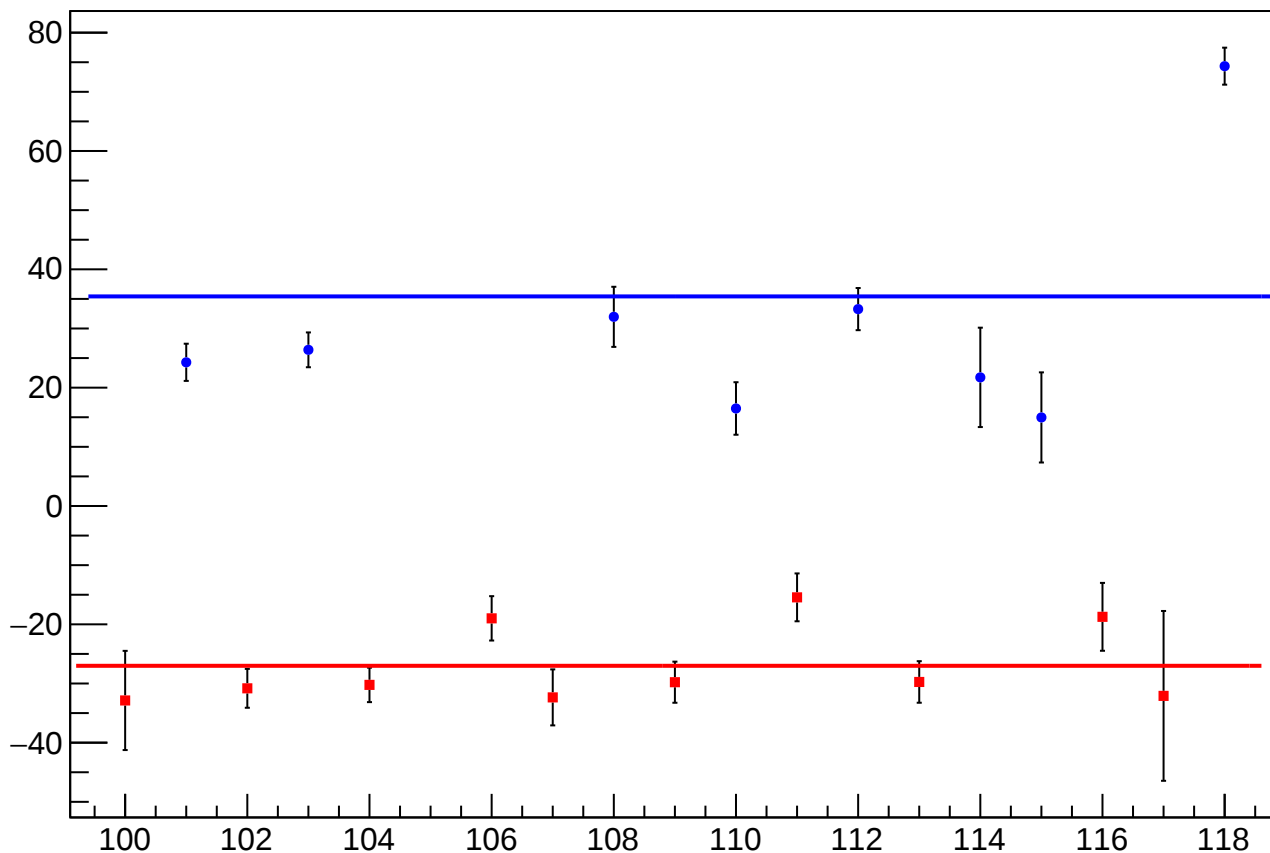
Right Out: 2340.663+/-0.896 χ^2/NDF : 63342.7/9

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

2371.971+/-0.958 χ^2/NDF : 82546.6/7

2340.663+/-0.896 χ^2/NDF : 63342.7/9

diff_bpm1i06Y_mean vs Slug



Right In: 35.422+/-1.388 χ^2/NDF : 205.8/7

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

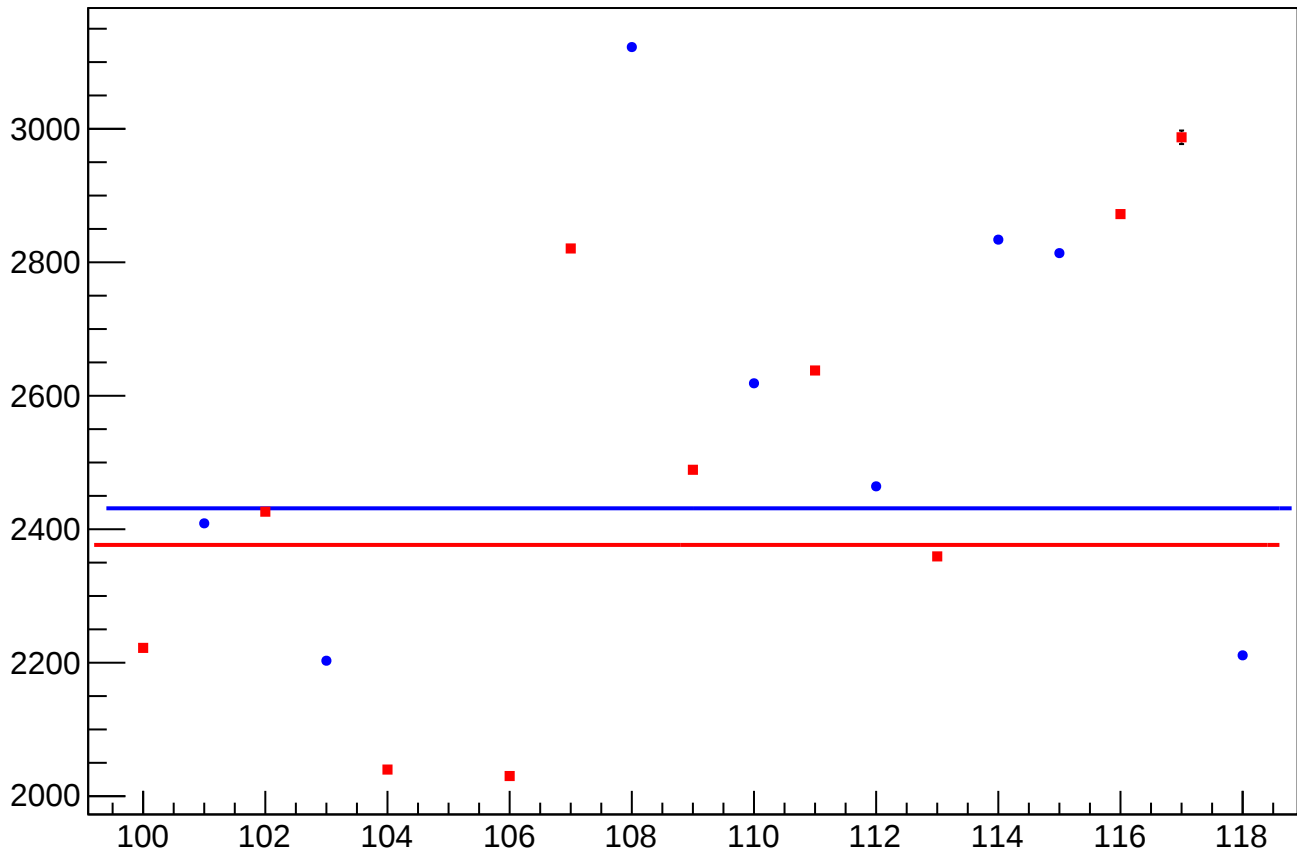
Right Out: -27.008+/-1.290 χ^2/NDF : 20.5/9

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

35.422+/-1.388 χ^2/NDF : 205.8/7

-27.008+/-1.290 χ^2/NDF : 20.5/9

diff_bpm1i06Y_rms vs Slug



Right In: 2431.371+/-0.982 χ^2/NDF : 72489.2/7

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

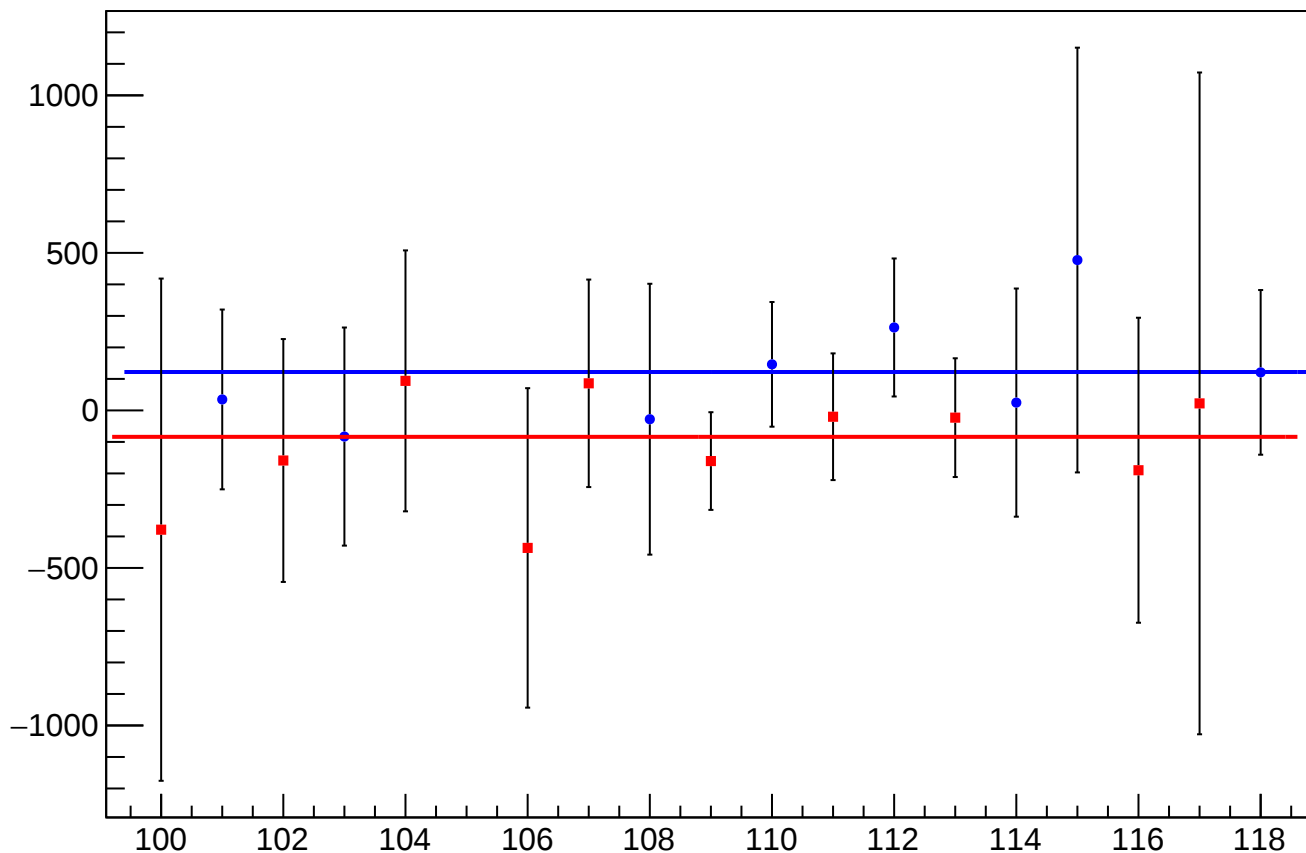
Right Out: 2376.506+/-0.912 χ^2/NDF : 91532.5/9

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

2431.371+/-0.982 χ^2/NDF : 72489.2/7

2376.506+/-0.912 χ^2/NDF : 91532.5/9

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 121.911 $\pm$ 101.588 χ^2 /NDF: 1.3/7

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

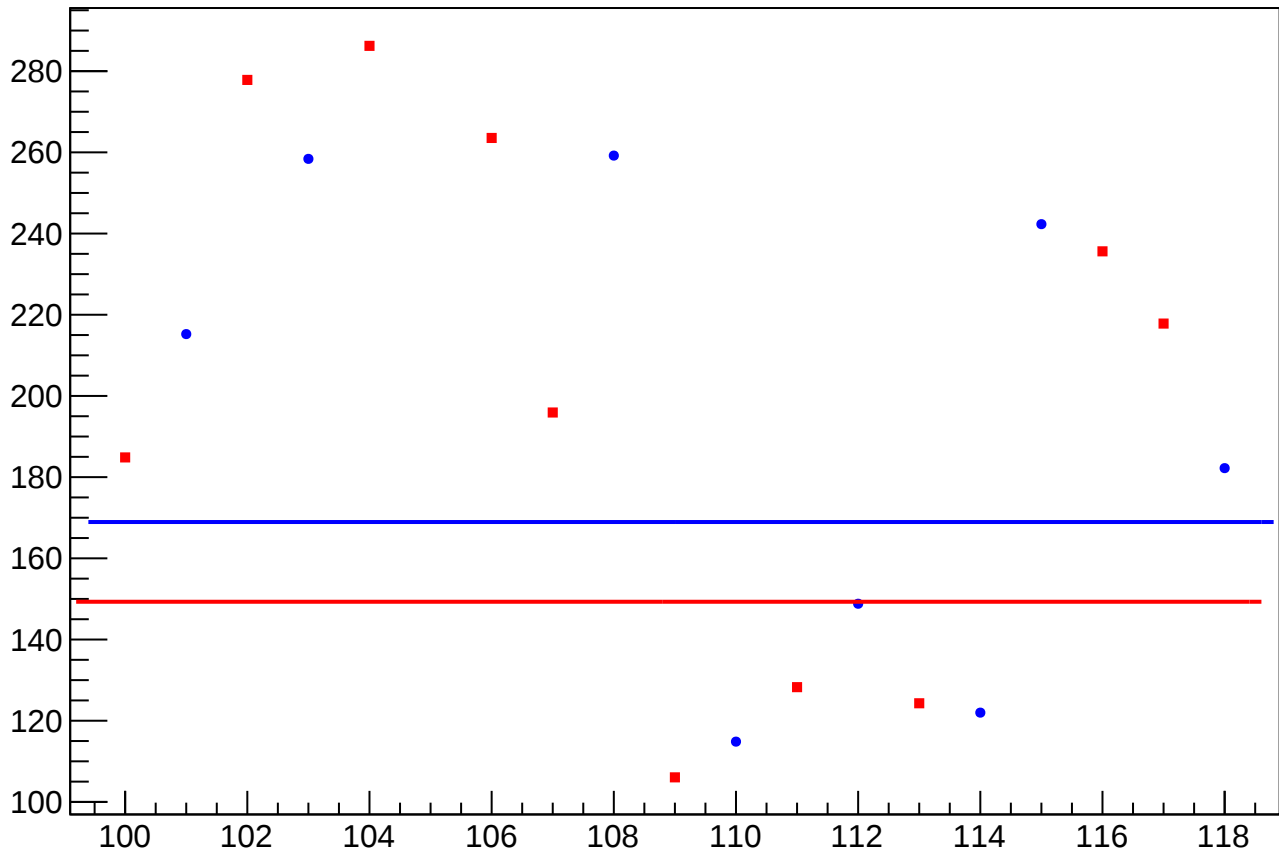
Right Out: -83.884 $\pm$ 88.764 χ^2 /NDF: 1.6/9

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

121.911 $\pm$ 101.588 χ^2 /NDF: 1.3/7

-83.884 $\pm$ 88.764 χ^2 /NDF: 1.6/9

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 168.945+/-0.072 χ^2/NDF : 503250.9/7

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

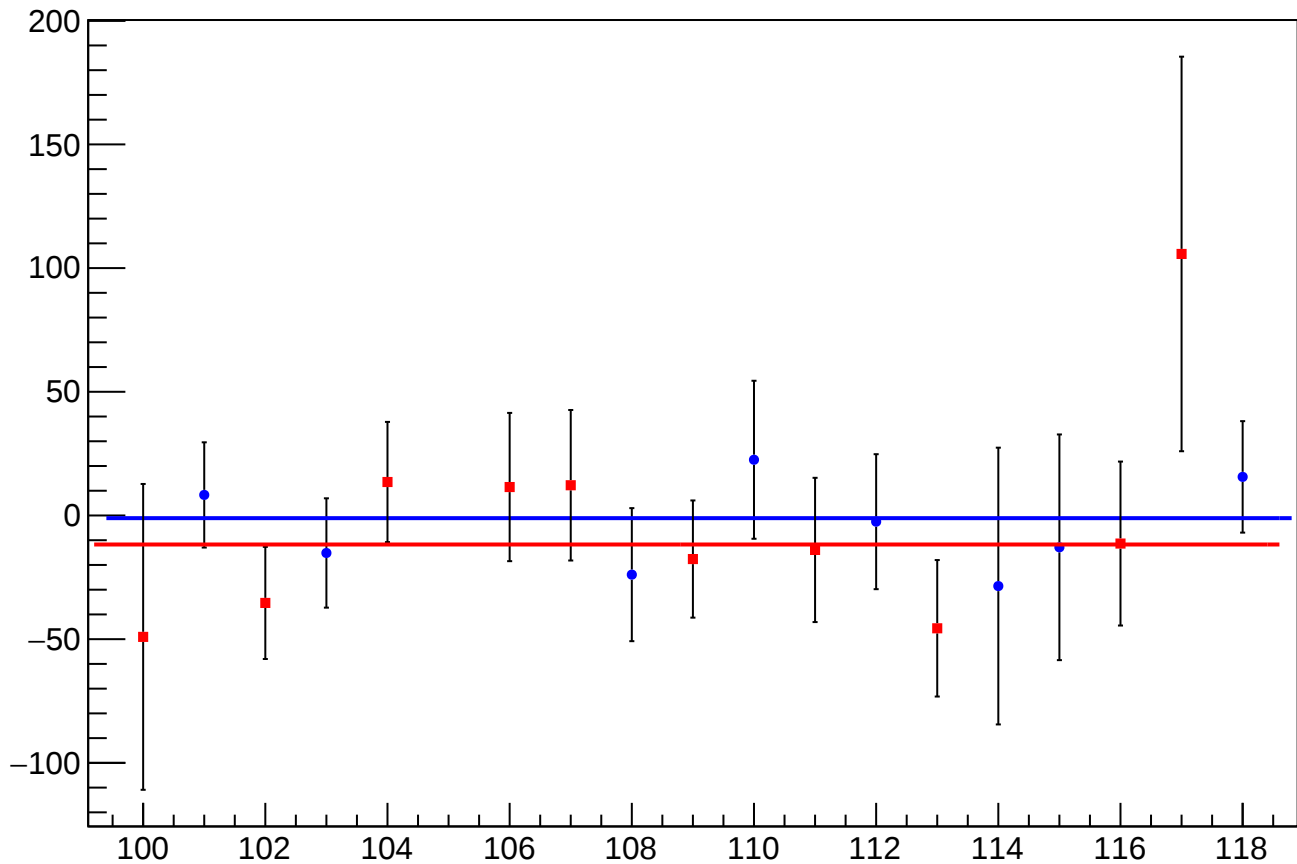
Right Out: 149.306+/-0.063 χ^2/NDF : 871532.9/9

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

168.945+/-0.072 χ^2/NDF : 503250.9/7

149.306+/-0.063 χ^2/NDF : 871532.9/9

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -1.082+/-9.651 χ^2/NDF : 2.7/7

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

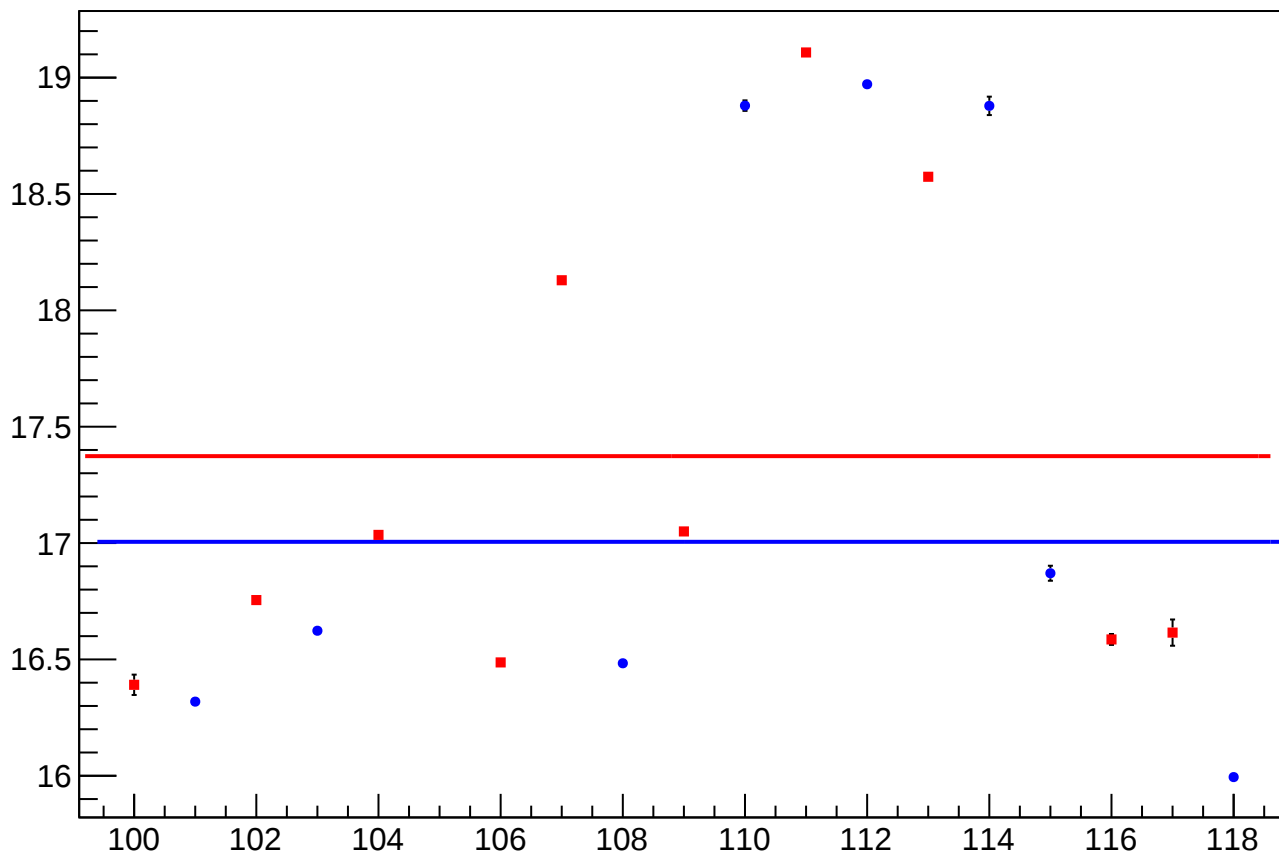
Right Out: -11.731+/-9.350 χ^2/NDF : 7.5/9

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

-1.082+/-9.651 χ^2/NDF : 2.7/7

-11.731+/-9.350 χ^2/NDF : 7.5/9

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 17.005+/-0.007 χ^2/NDF : 27004.9/7

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

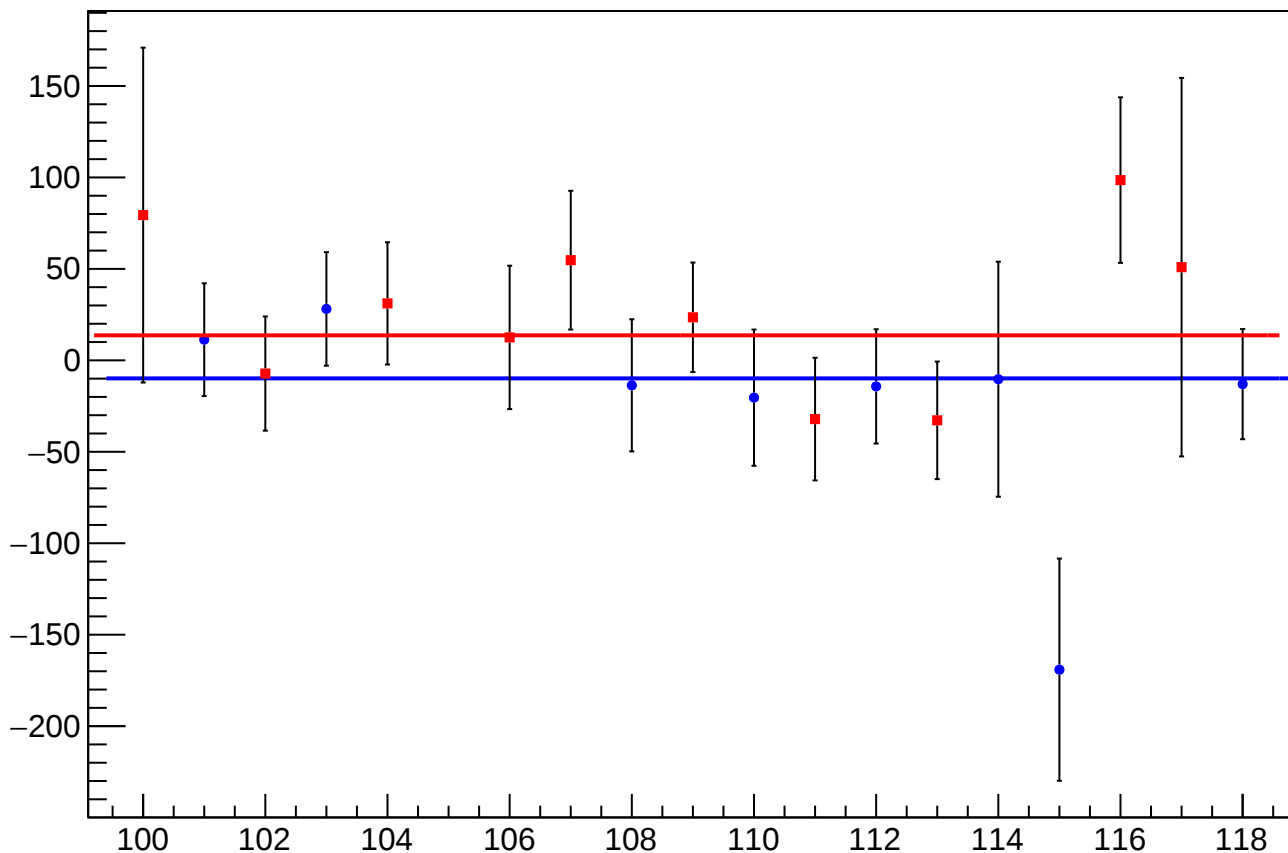
Right Out: 17.374+/-0.007 χ^2/NDF : 17918.2/9

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

17.005+/-0.007 χ^2/NDF : 27004.9/7

17.374+/-0.007 χ^2/NDF : 17918.2/9

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -9.868 $\pm$ 12.683 χ^2 /NDF: 9.0/7

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

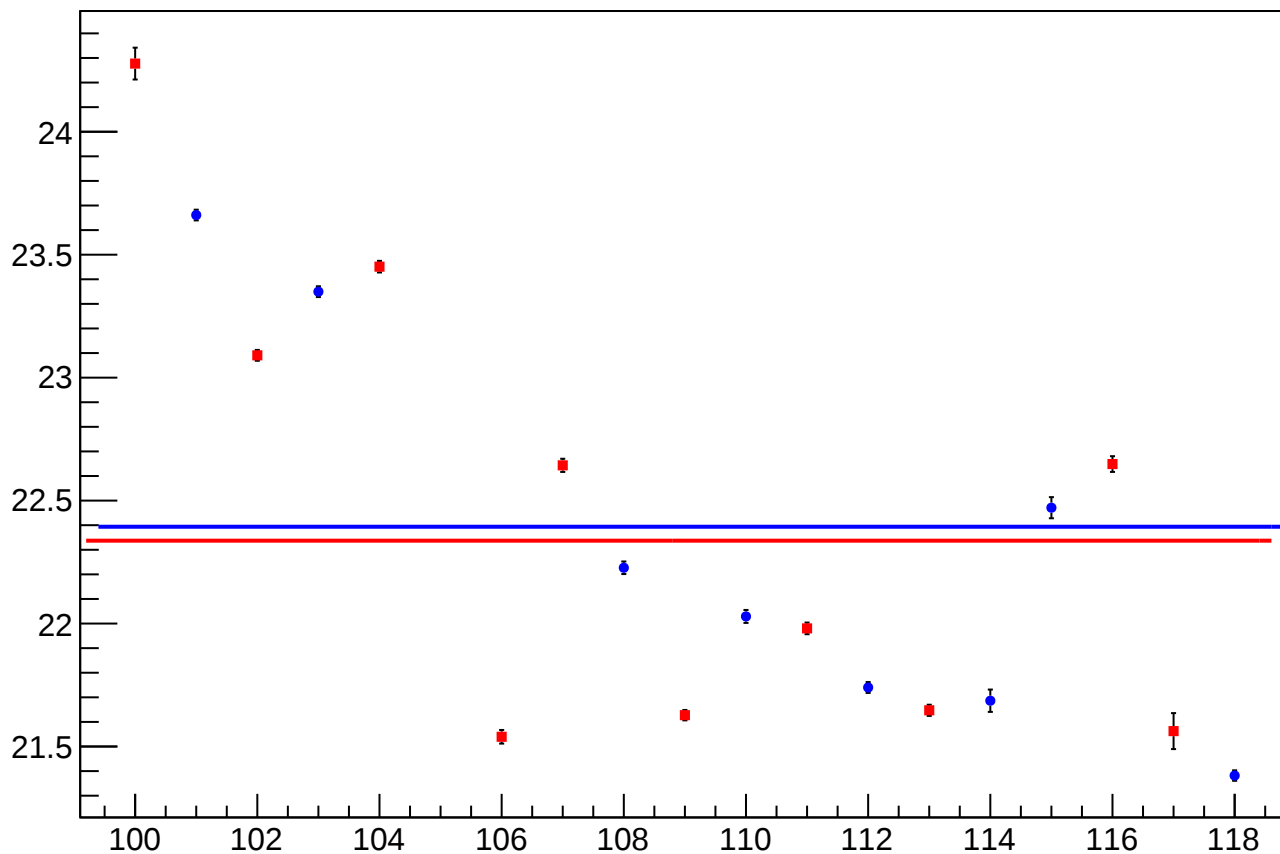
Right Out: 13.683 $\pm$ 12.003 χ^2 /NDF: 10.1/9

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

-9.868 $\pm$ 12.683 χ^2 /NDF: 9.0/7

13.683 $\pm$ 12.003 χ^2 /NDF: 10.1/9

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.394+/-0.009 χ^2/NDF : 8889.9/7

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

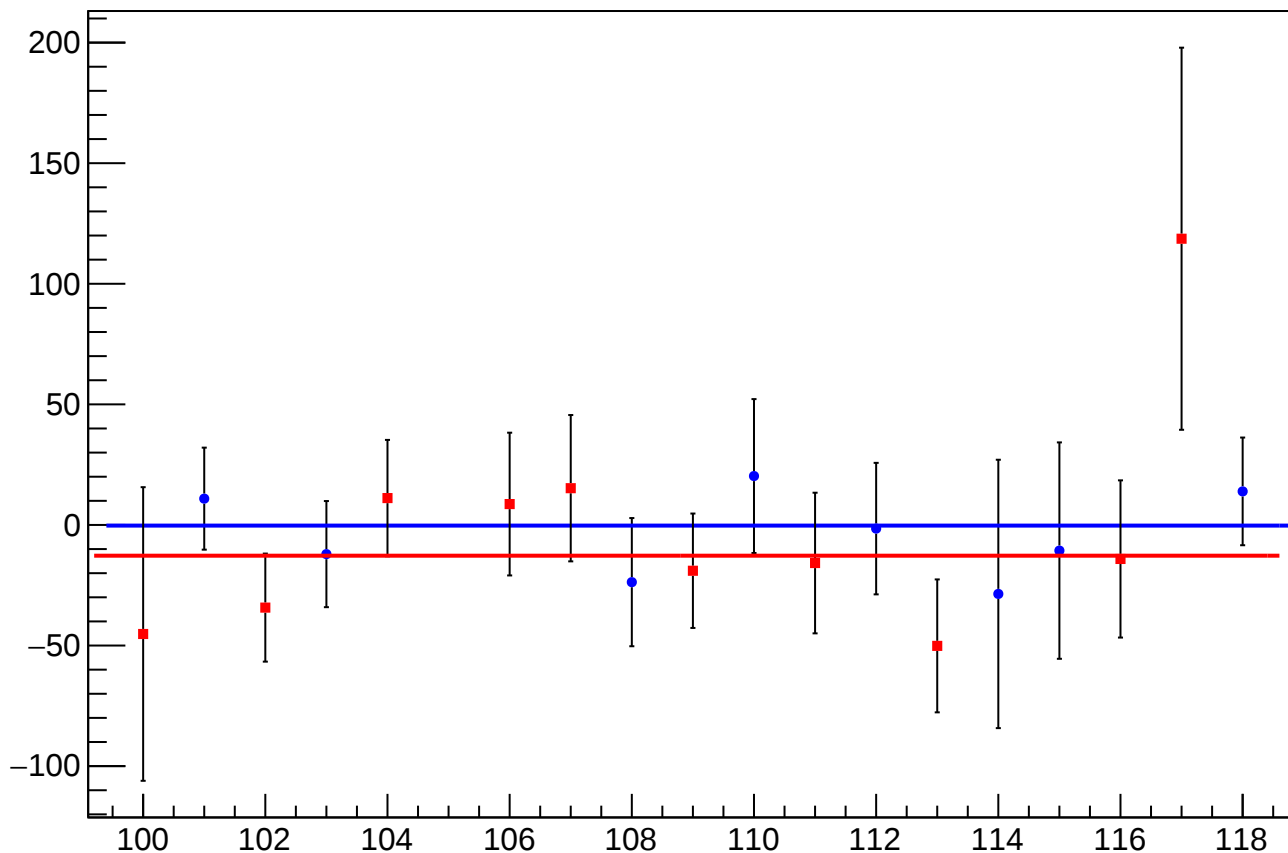
Right Out: 22.337+/-0.008 χ^2/NDF : 7723.3/9

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

22.394+/-0.009 χ^2/NDF : 8889.9/7

22.337+/-0.008 χ^2/NDF : 7723.3/9

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -0.267+/-9.591 χ^2/NDF : 2.5/7

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

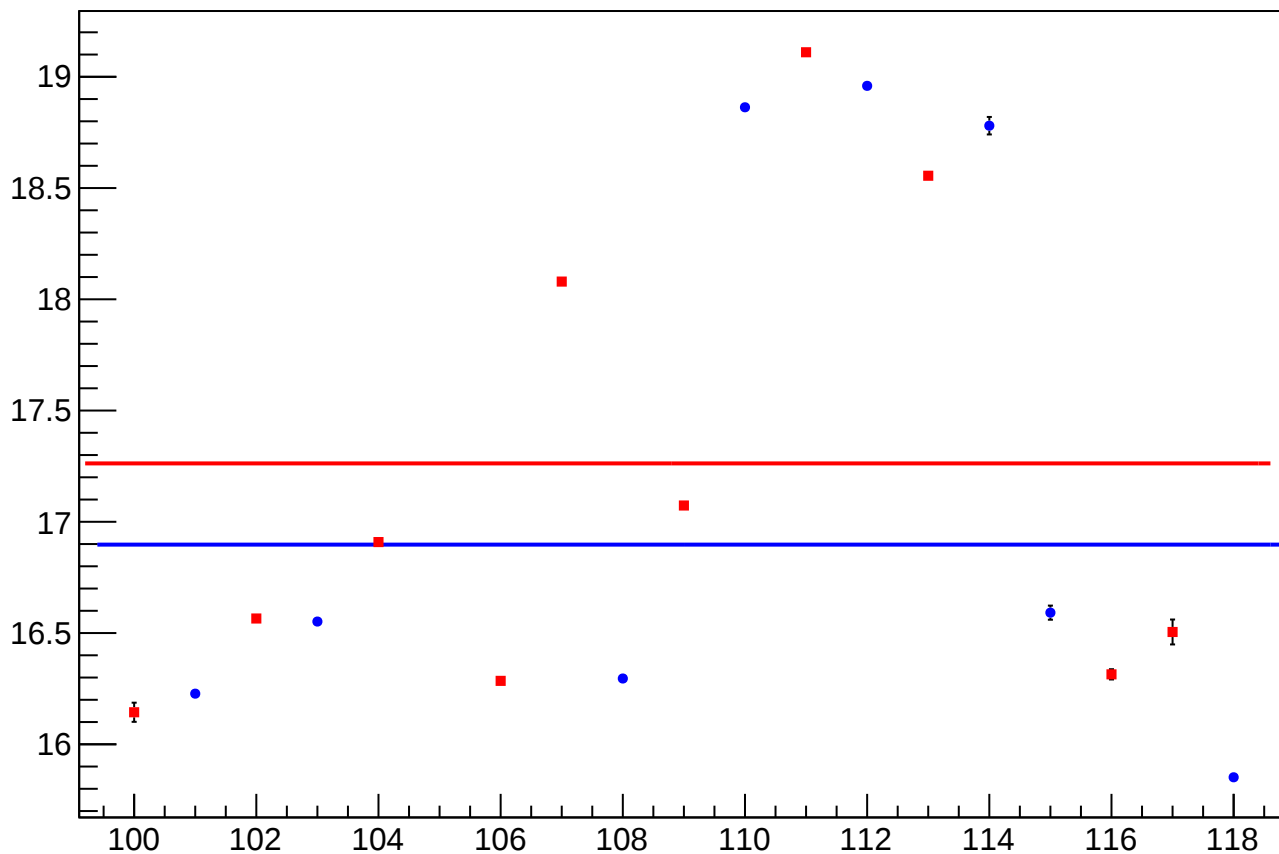
Right Out: -12.746+/-9.292 χ^2/NDF : 8.2/9

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

-0.267+/-9.591 χ^2/NDF : 2.5/7

-12.746+/-9.292 χ^2/NDF : 8.2/9

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.897+/-0.007 χ^2/NDF : 29327.4/7

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

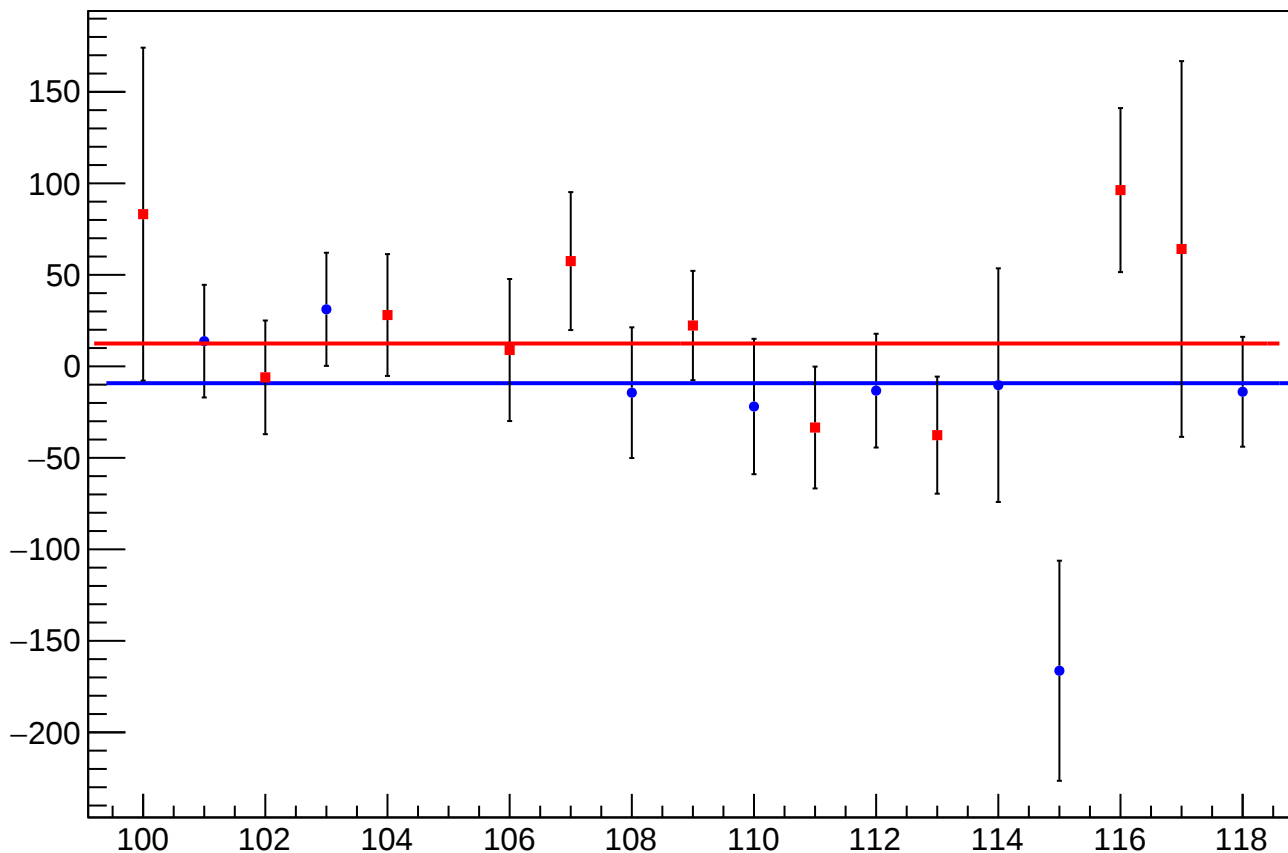
Right Out: 17.262+/-0.007 χ^2/NDF : 21110.7/9

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

16.897+/-0.007 χ^2/NDF : 29327.4/7

17.262+/-0.007 χ^2/NDF : 21110.7/9

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -9.205+/-12.614 χ^2/NDF : 9.3/7

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

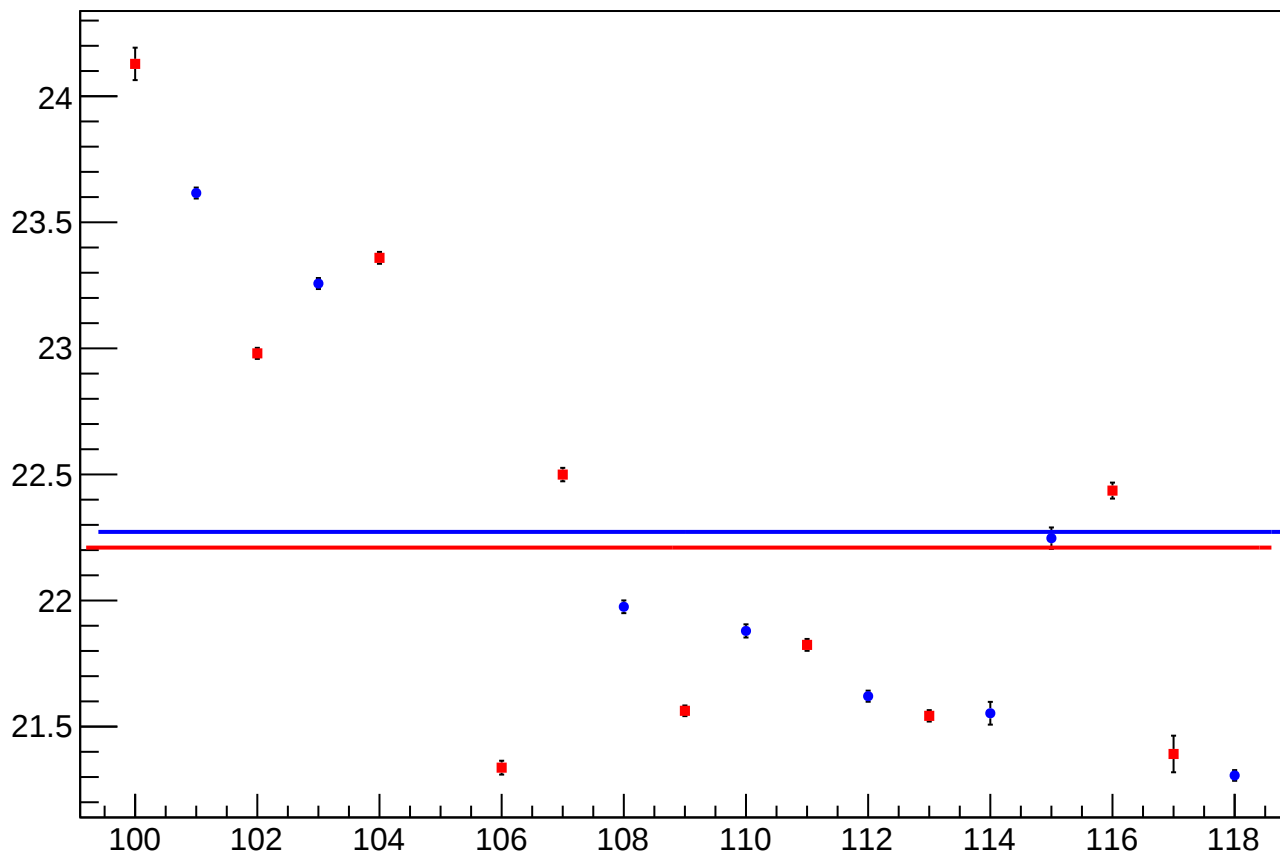
Right Out: 12.487+/-11.935 χ^2/NDF : 10.8/9

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

-9.205+/-12.614 χ^2/NDF : 9.3/7

12.487+/-11.935 χ^2/NDF : 10.8/9

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.272 $\pm$ 0.009 χ^2 /NDF: 9413.1/7

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

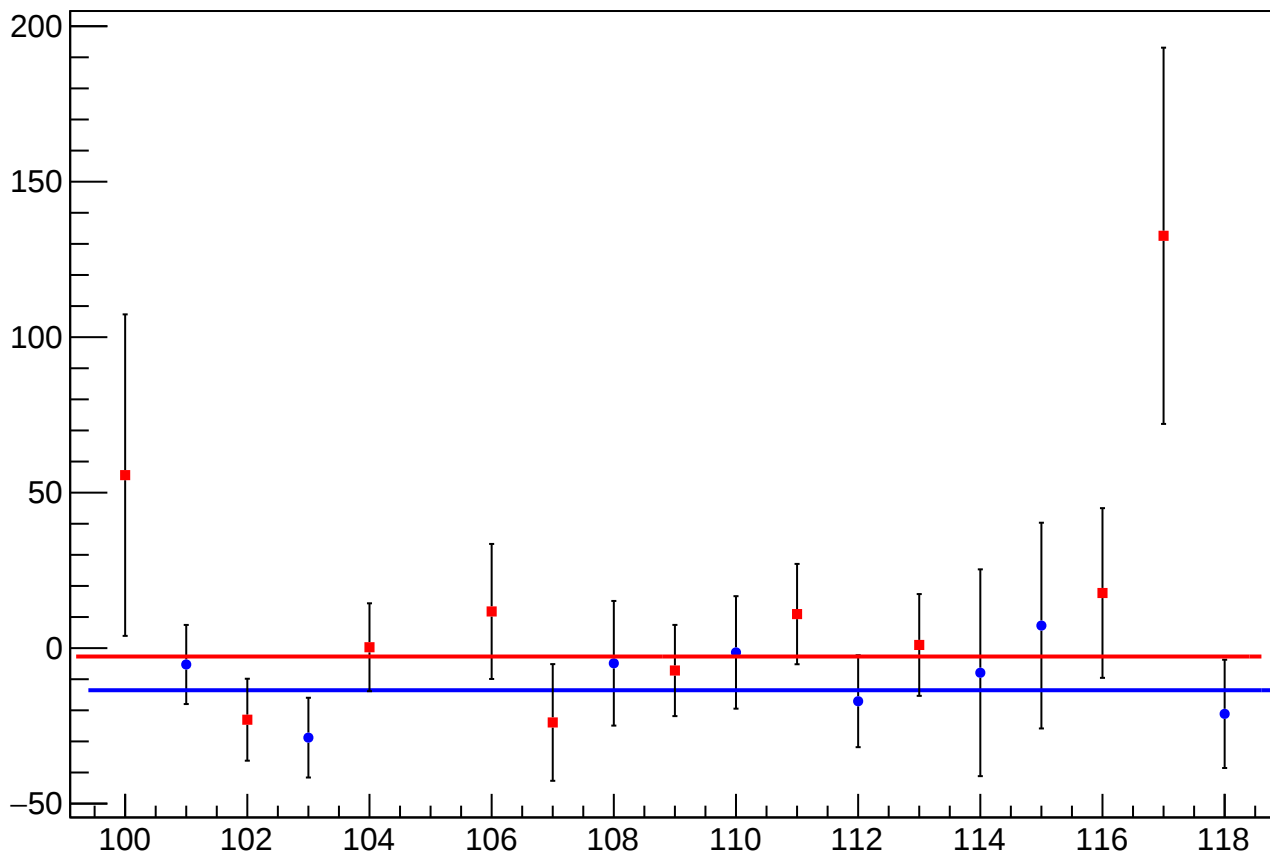
Right Out: 22.210 $\pm$ 0.008 χ^2 /NDF: 7888.1/9

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

22.272 $\pm$ 0.009 χ^2 /NDF: 9413.1/7

22.210 $\pm$ 0.008 χ^2 /NDF: 7888.1/9

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -13.540 $\pm$ 6.030 χ^2 /NDF: 3.1/7

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

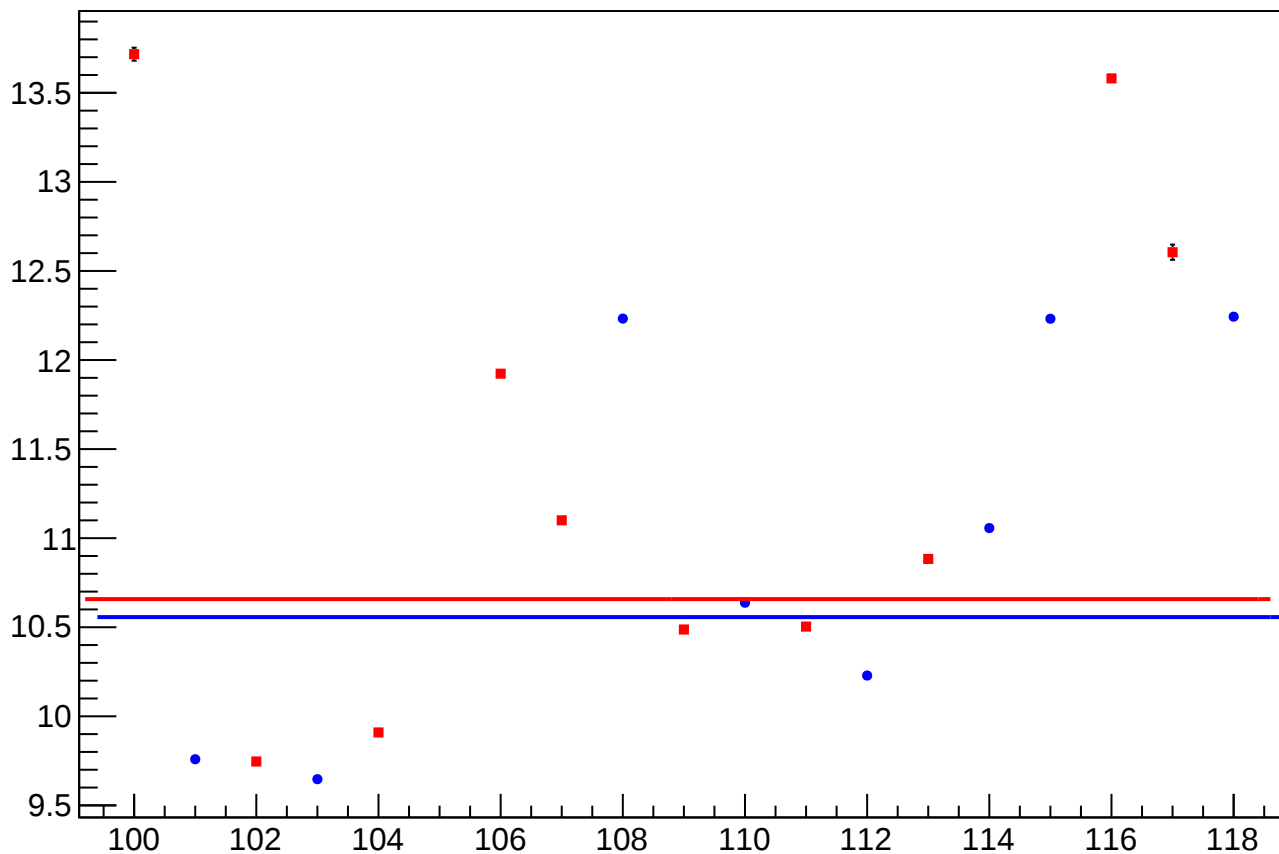
Right Out: -2.698 $\pm$ 5.779 χ^2 /NDF: 11.8/9

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

-13.540 $\pm$ 6.030 χ^2 /NDF: 3.1/7

-2.698 $\pm$ 5.779 χ^2 /NDF: 11.8/9

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.557+/-0.004 χ^2/NDF : 57283.9/7

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

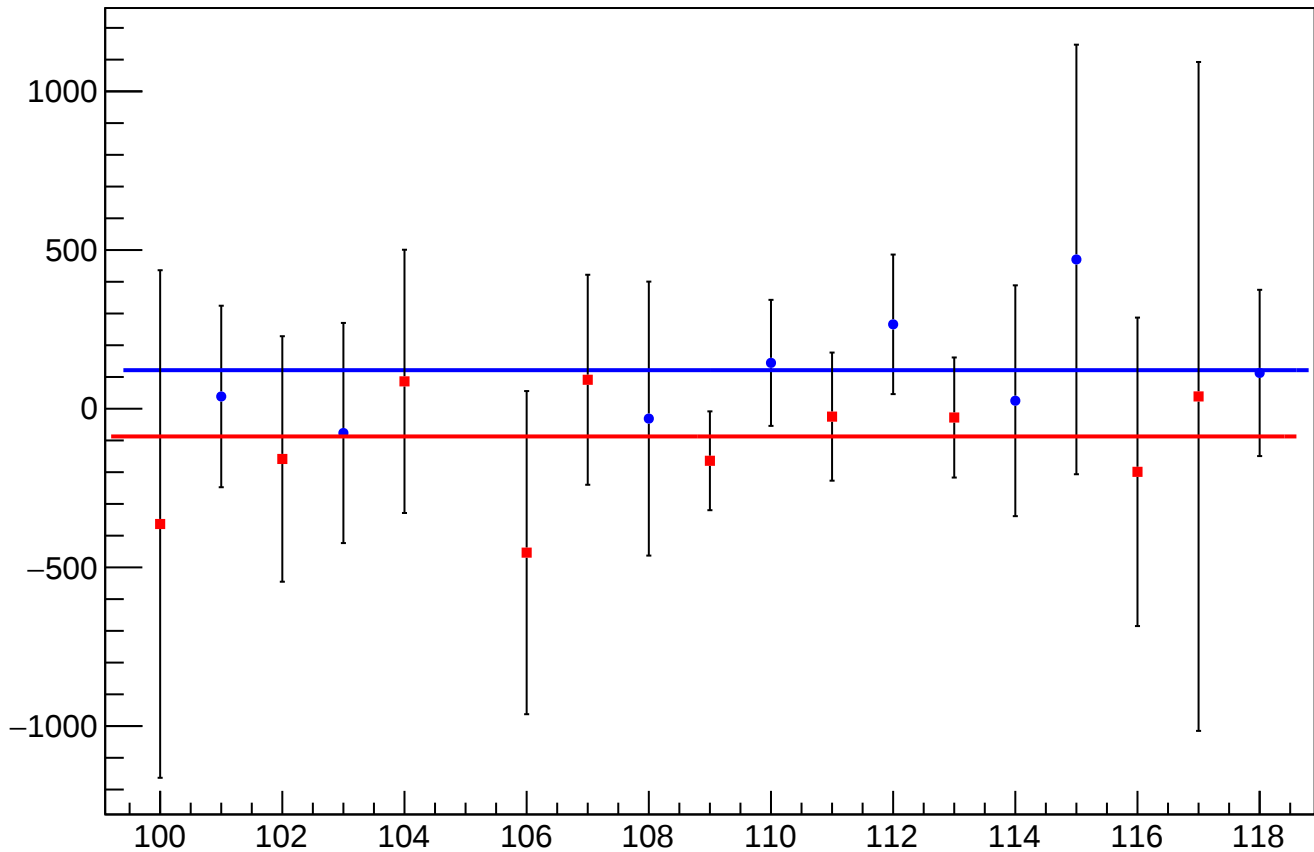
Right Out: 10.658+/-0.004 χ^2/NDF : 55950.3/9

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

10.557+/-0.004 χ^2/NDF : 57283.9/7

10.658+/-0.004 χ^2/NDF : 55950.3/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 121.449 $\pm$ 101.917 χ^2 /NDF: 1.3/7

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

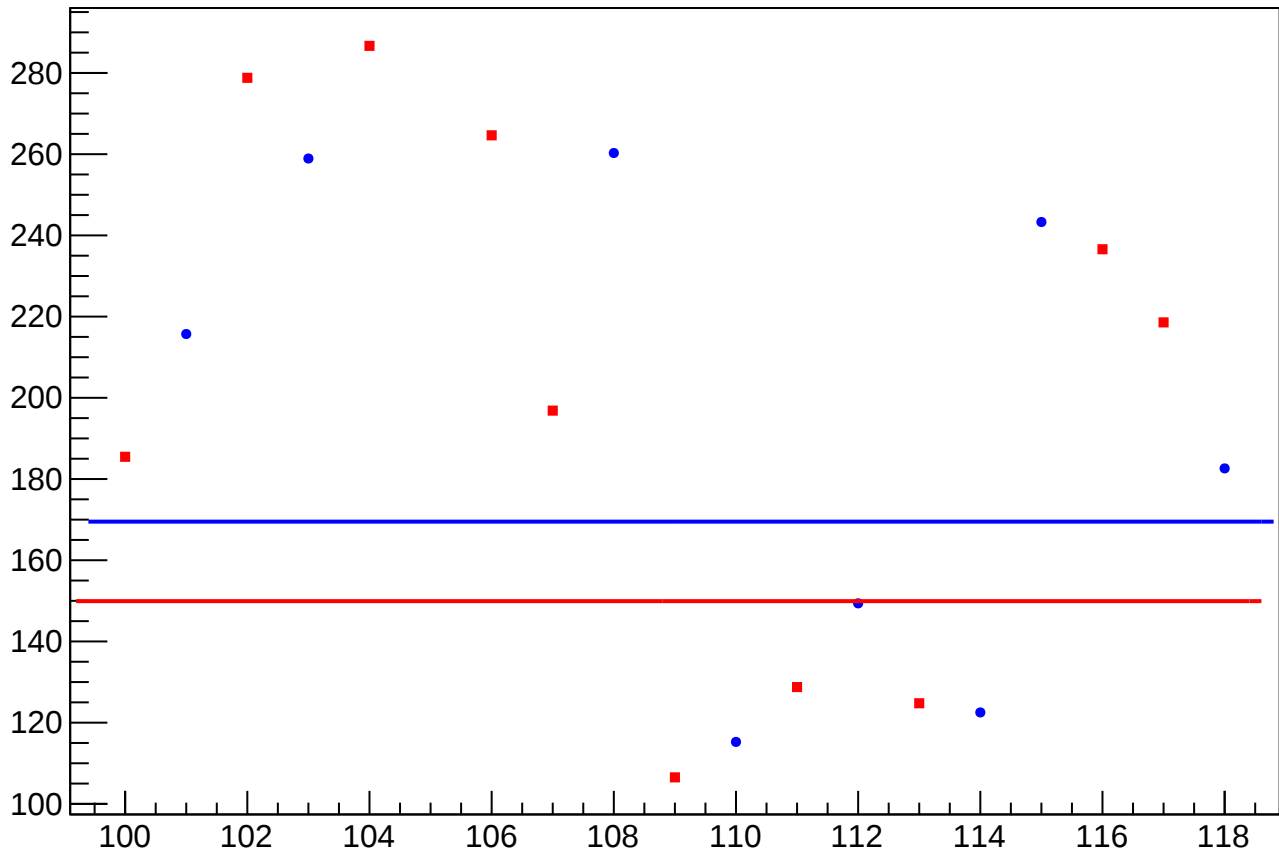
Right Out: -87.370 $\pm$ 89.121 χ^2 /NDF: 1.6/9

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

121.449 $\pm$ 101.917 χ^2 /NDF: 1.3/7

-87.370 $\pm$ 89.121 χ^2 /NDF: 1.6/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 169.508 $\pm$ 0.072 χ^2 /NDF: 501796.5/7

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

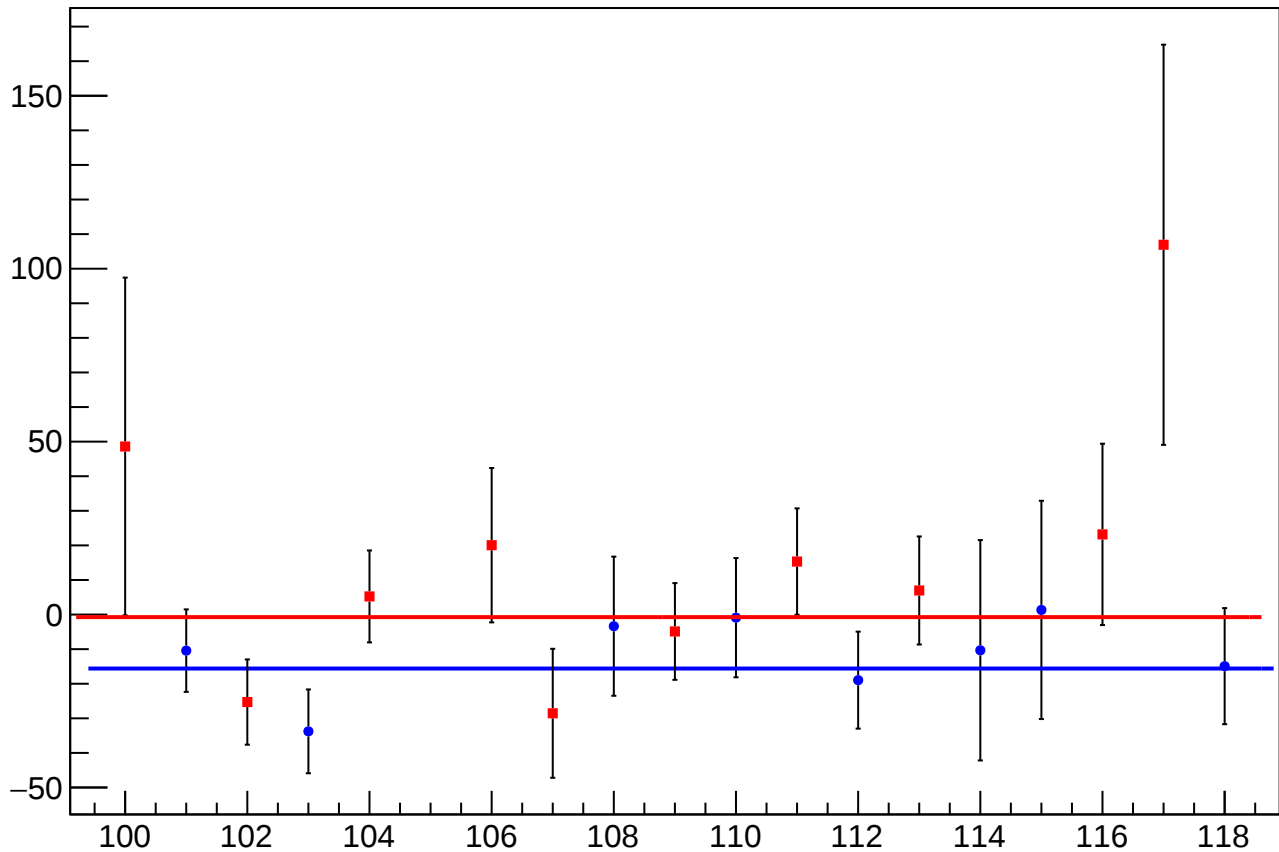
Right Out: 149.928 $\pm$ 0.063 χ^2 /NDF: 869844.1/9

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

169.508 $\pm$ 0.072 χ^2 /NDF: 501796.5/7

149.928 $\pm$ 0.063 χ^2 /NDF: 869844.1/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -15.602 $\pm$ 5.745 χ^2 /NDF: 3.9/7

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

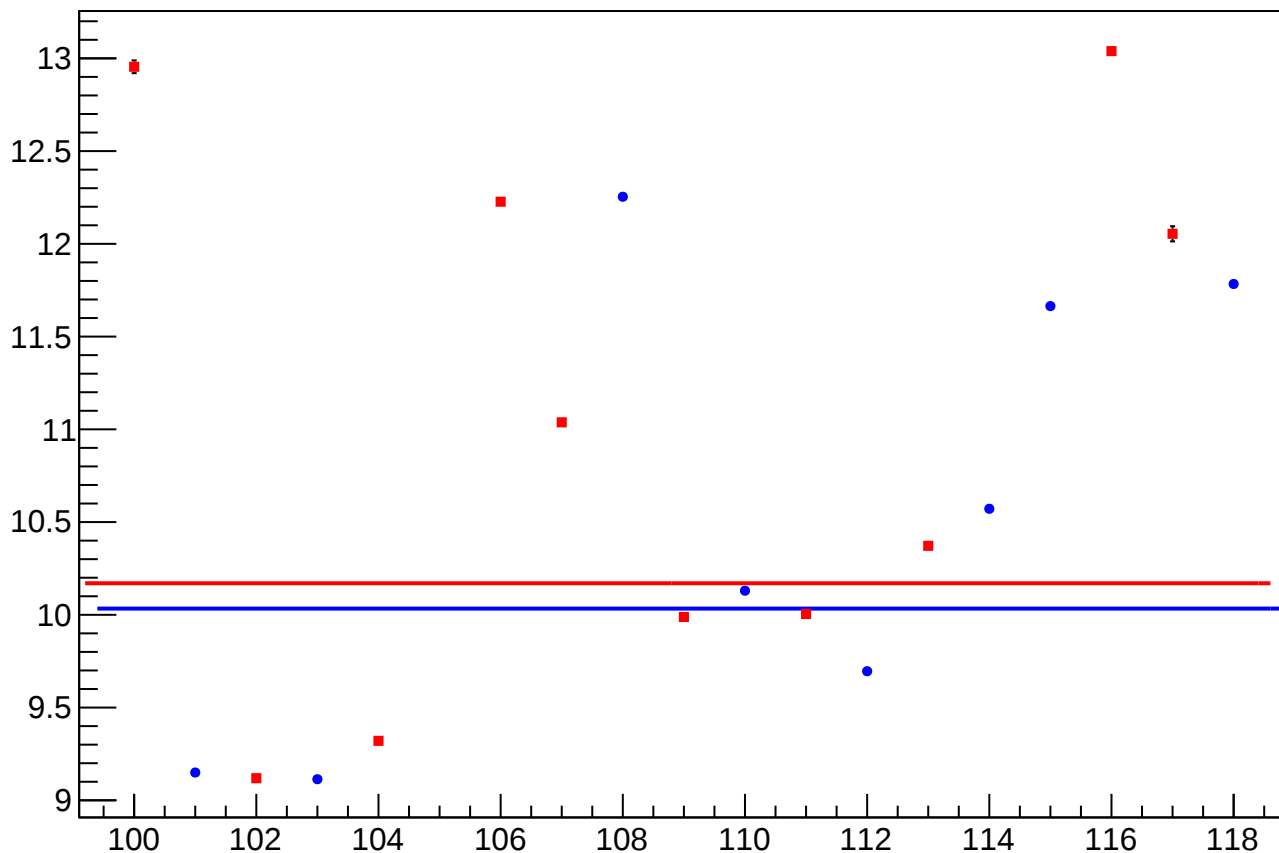
Right Out: -0.740 $\pm$ 5.527 χ^2 /NDF: 14.0/9

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

-15.602 $\pm$ 5.745 χ^2 /NDF: 3.9/7

-0.740 $\pm$ 5.527 χ^2 /NDF: 14.0/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.034+/-0.004 χ^2/NDF : 75770.5/7

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

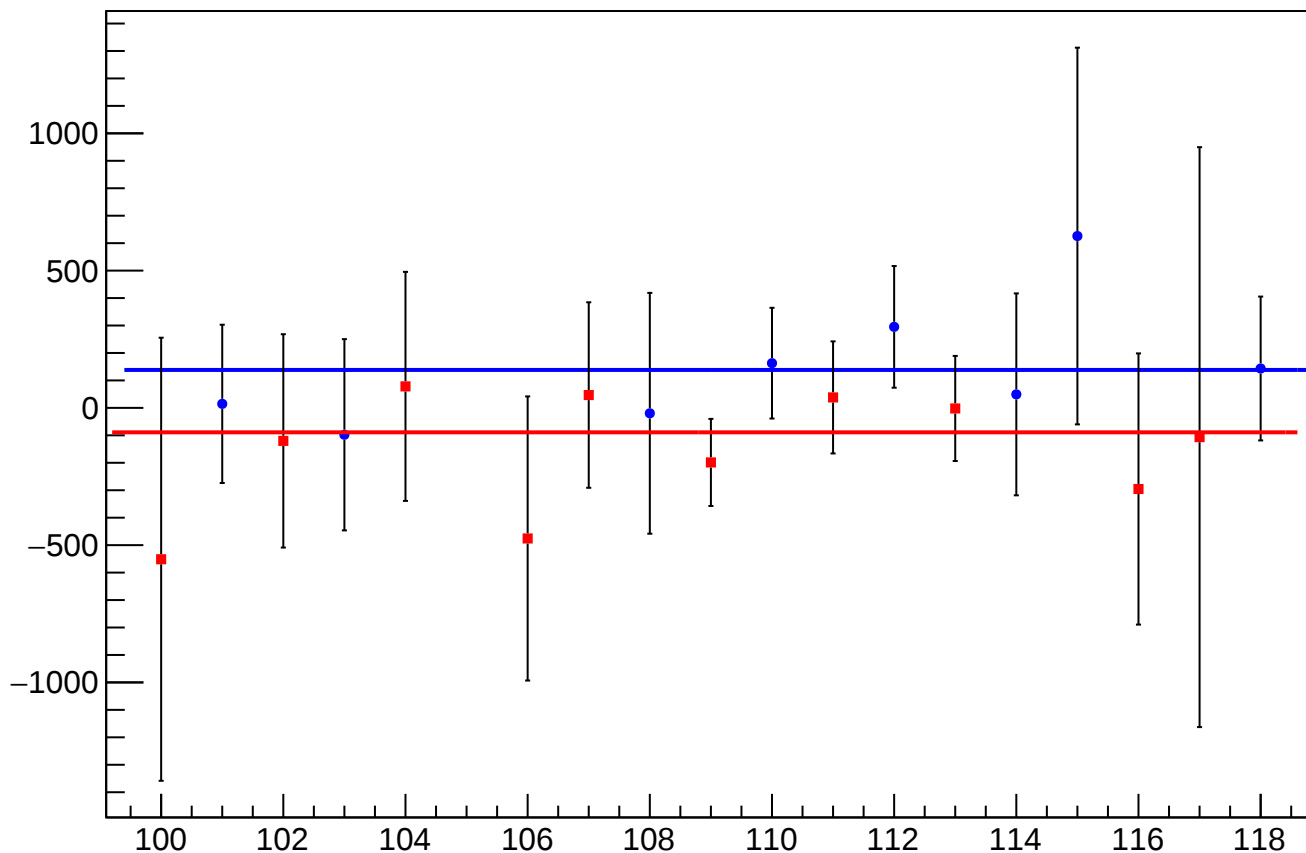
Right Out: 10.170+/-0.004 χ^2/NDF : 77500.1/9

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

10.034+/-0.004 χ^2/NDF : 75770.5/7

10.170+/-0.004 χ^2/NDF : 77500.1/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 138.201 $\pm$ 102.862 χ^2 /NDF: 1.9/7

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

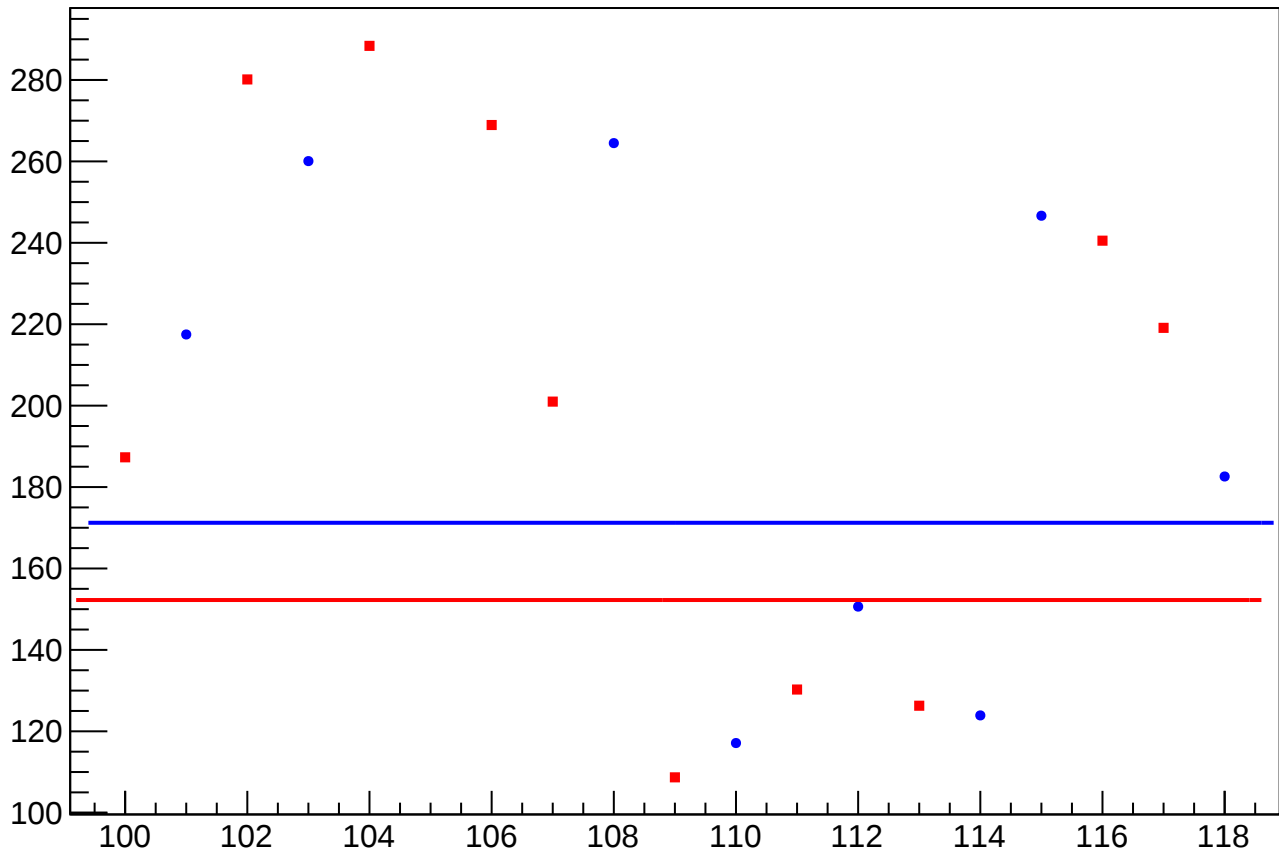
Right Out: -89.090 $\pm$ 90.373 χ^2 /NDF: 2.5/9

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

138.201 $\pm$ 102.862 χ^2 /NDF: 1.9/7

-89.090 $\pm$ 90.373 χ^2 /NDF: 2.5/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 171.227+/-0.073 χ^2/NDF : 494328.9/7

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

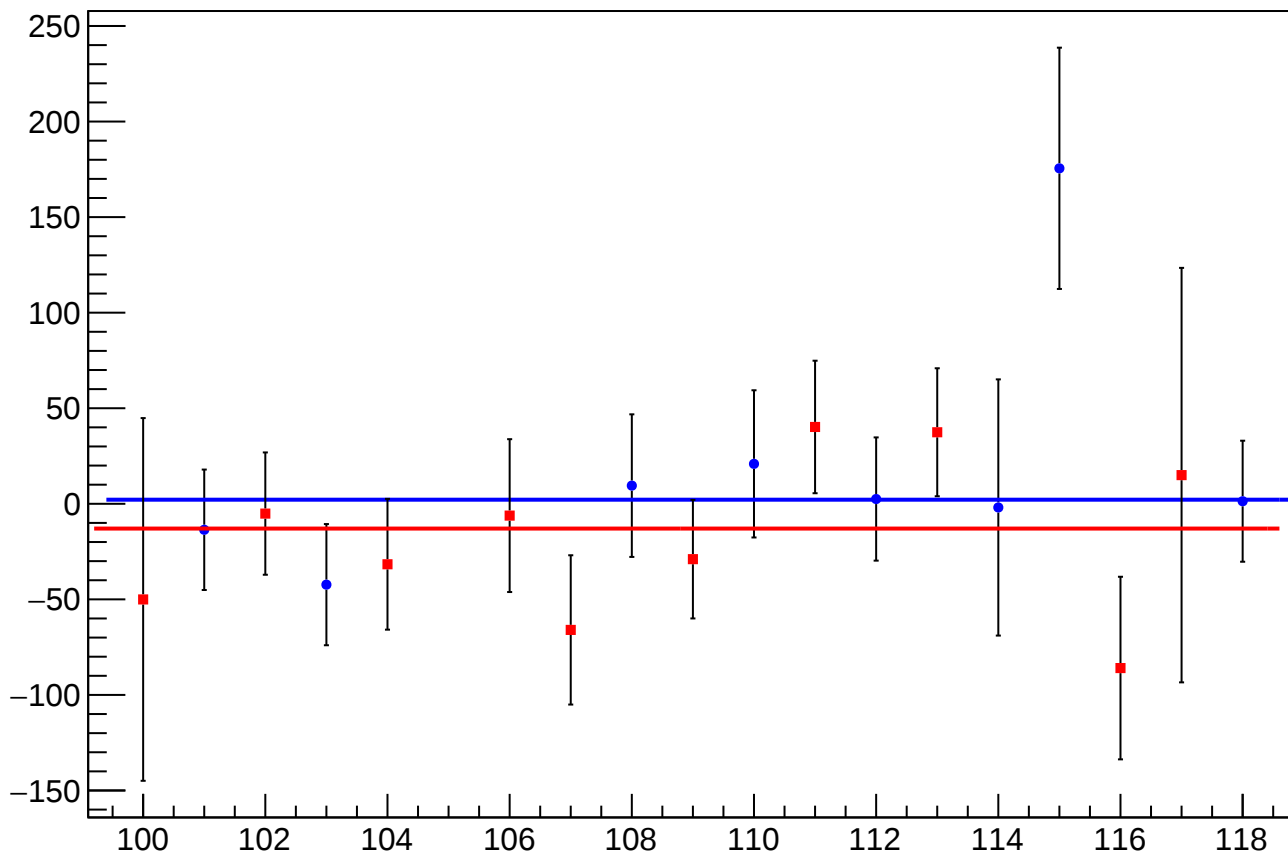
Right Out: 152.252+/-0.064 χ^2/NDF : 859406.0/9

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

171.227+/-0.073 χ^2/NDF : 494328.9/7

152.252+/-0.064 χ^2/NDF : 859406.0/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: 2.146 $\pm$ 13.099 χ^2 /NDF: 10.0/7

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

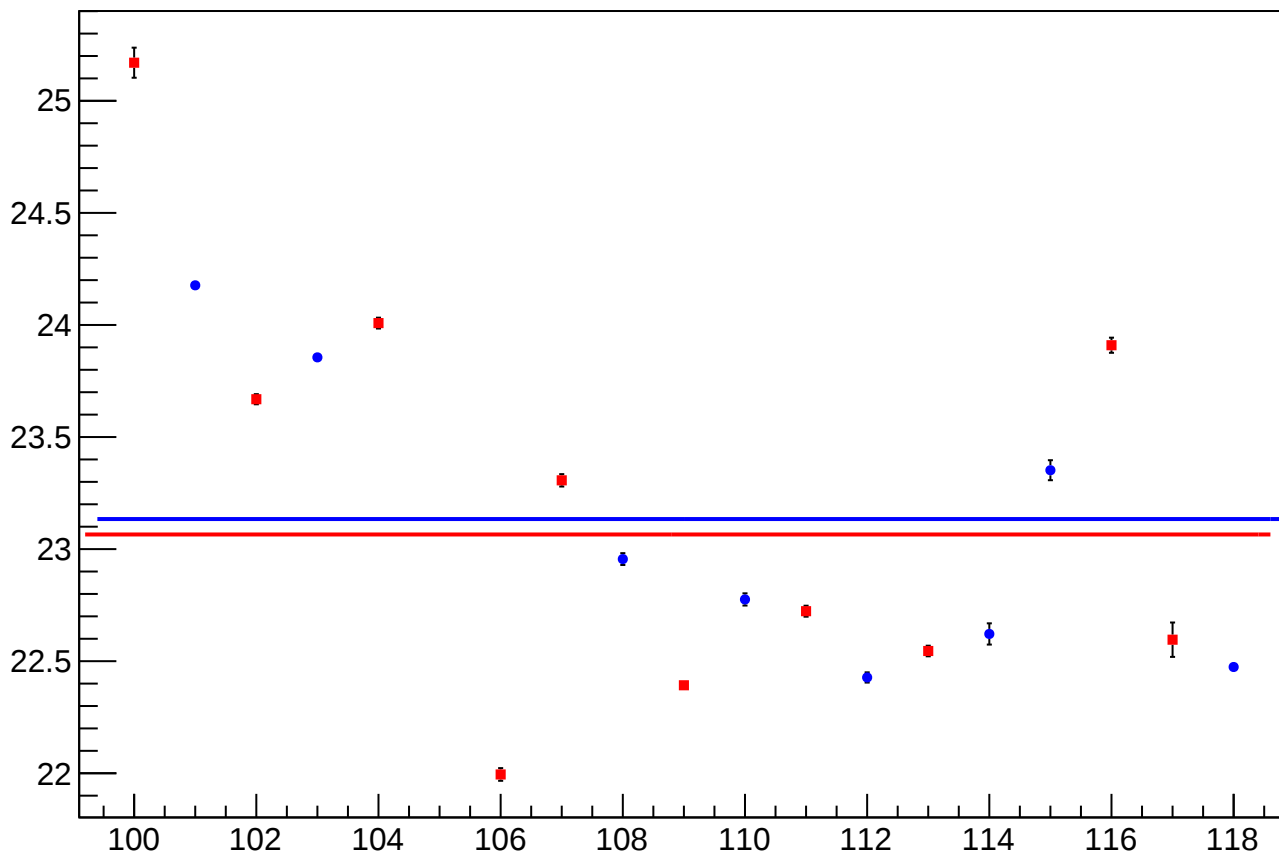
Right Out: -12.960 $\pm$ 12.394 χ^2 /NDF: 9.7/9

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

2.146 $\pm$ 13.099 χ^2 /NDF: 10.0/7

-12.960 $\pm$ 12.394 χ^2 /NDF: 9.7/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 23.134+/-0.009 χ^2/NDF : 5416.7/7

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

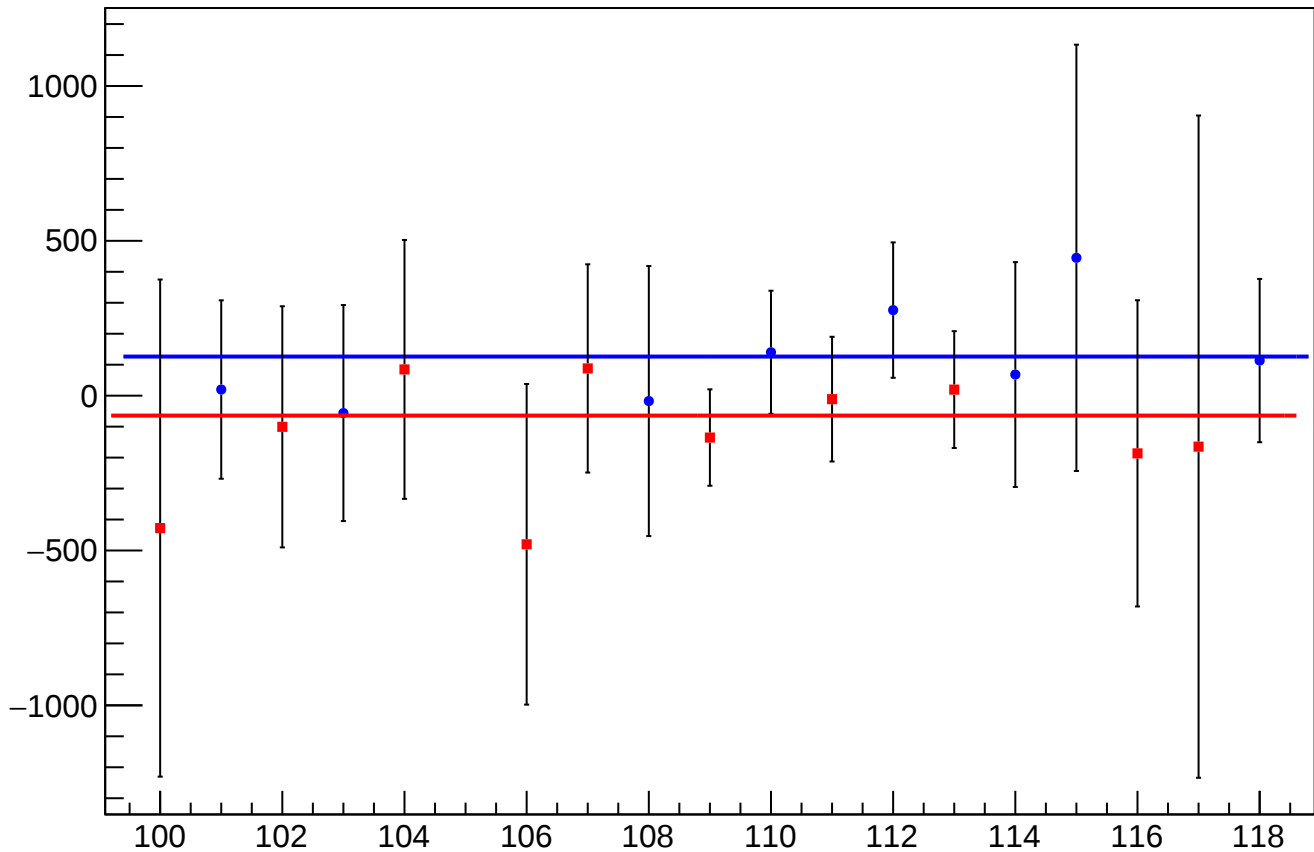
Right Out: 23.065+/-0.009 χ^2/NDF : 7005.1/9

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

23.134+/-0.009 χ^2/NDF : 5416.7/7

23.065+/-0.009 χ^2/NDF : 7005.1/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 126.292 $\pm$ 102.136 χ^2 /NDF: 1.2/7

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

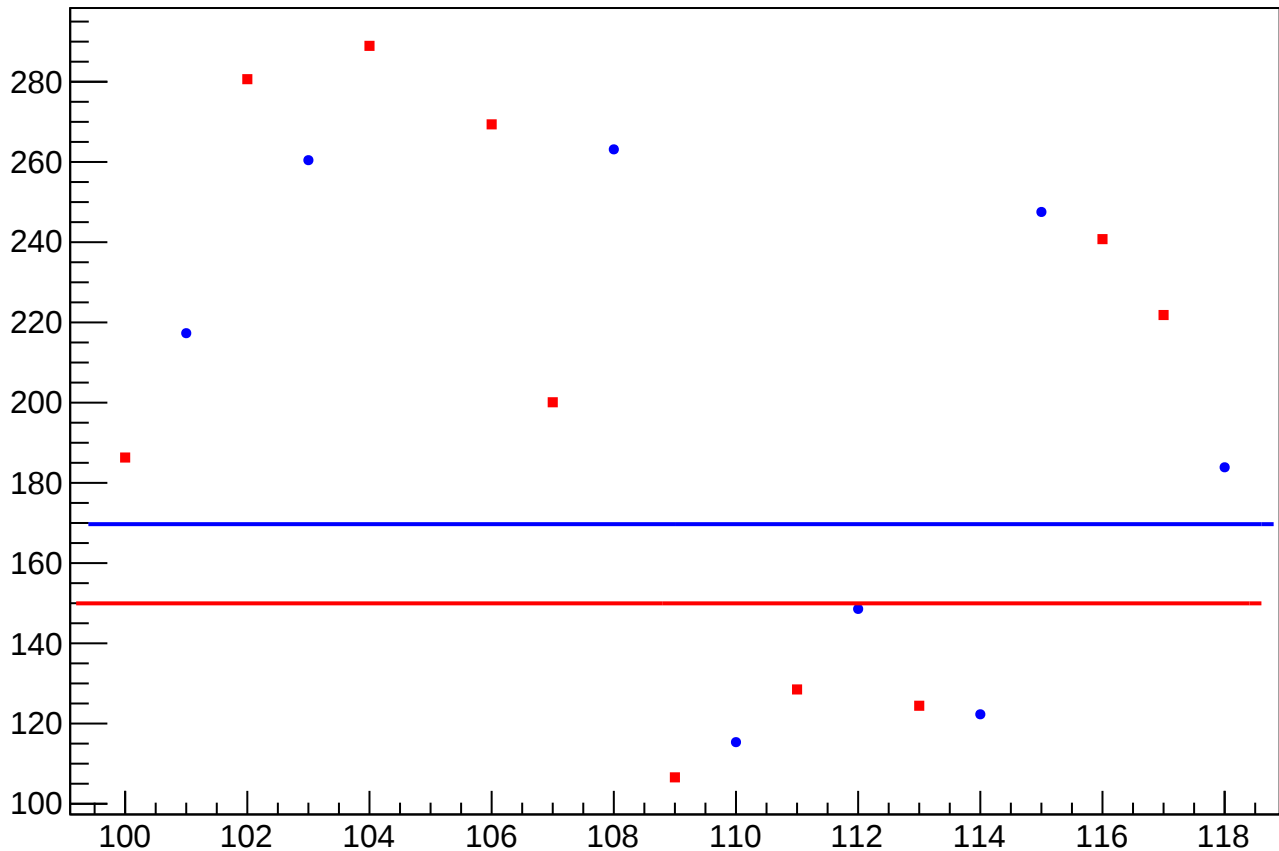
Right Out: -64.322 $\pm$ 89.281 χ^2 /NDF: 1.7/9

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

126.292 $\pm$ 102.136 χ^2 /NDF: 1.2/7

-64.322 $\pm$ 89.281 χ^2 /NDF: 1.7/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 169.708+/-0.072 χ^2/NDF : 515531.5/7

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

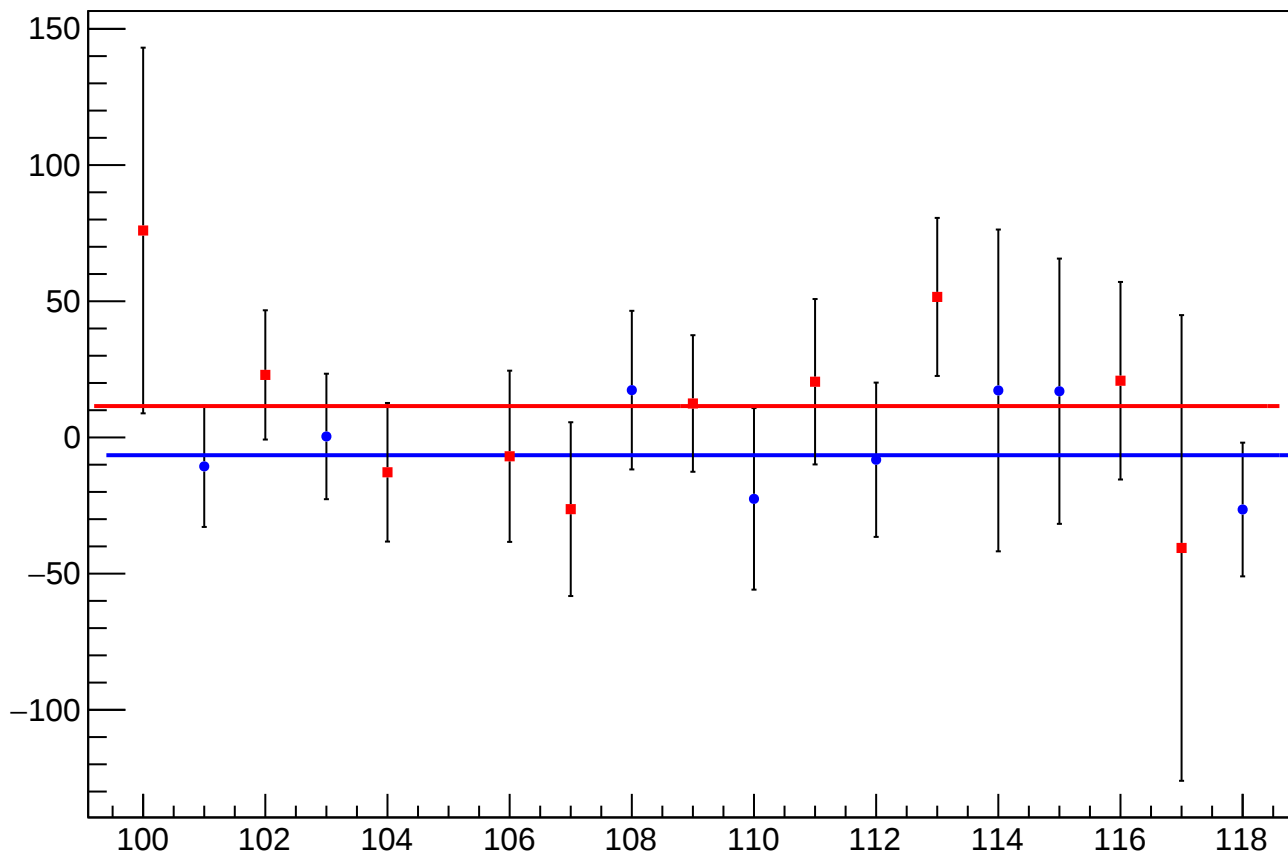
Right Out: 149.964+/-0.063 χ^2/NDF : 892499.6/9

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

169.708+/-0.072 χ^2/NDF : 515531.5/7

149.964+/-0.063 χ^2/NDF : 892499.6/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -6.520+/-10.205 χ^2/NDF : 2.1/7

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

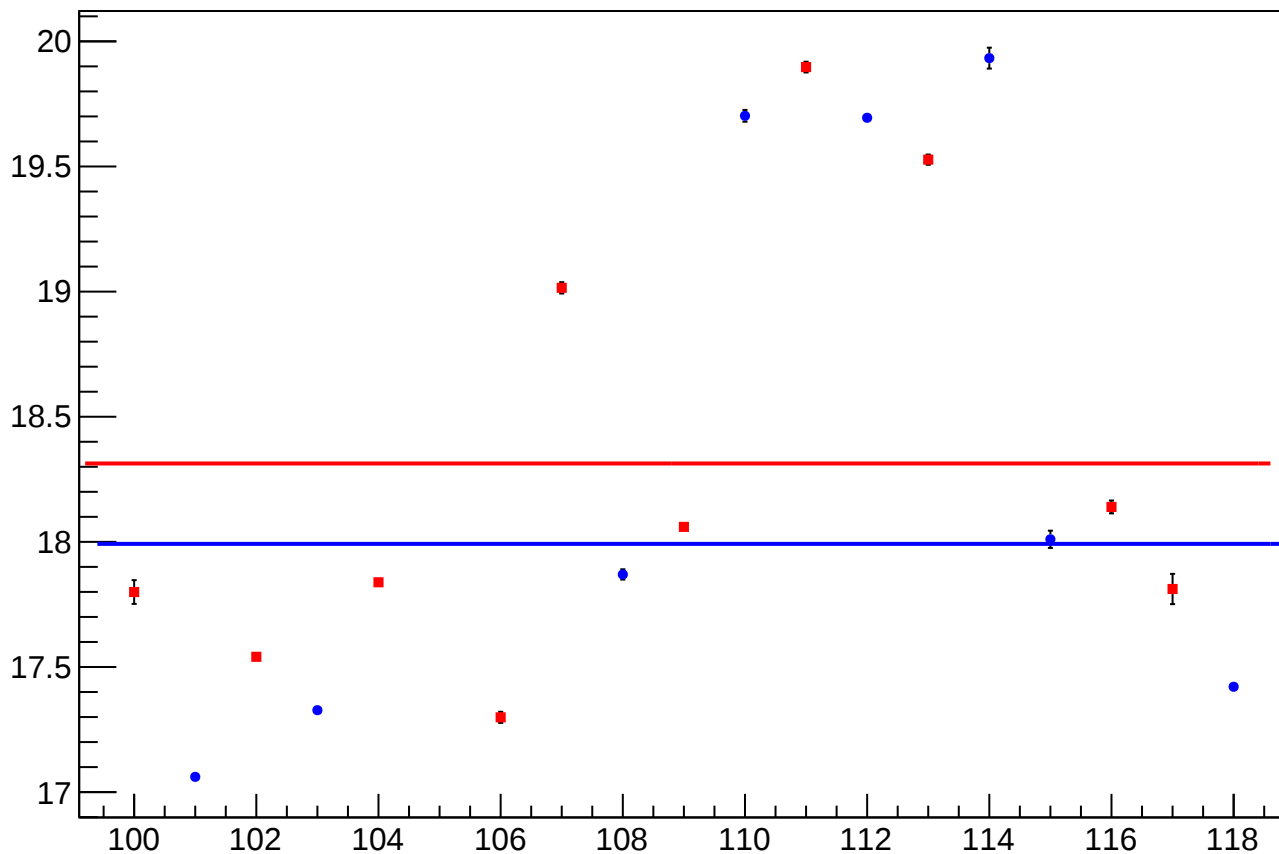
Right Out: 11.520+/-9.854 χ^2/NDF : 6.3/9

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

-6.520+/-10.205 χ^2/NDF : 2.1/7

11.520+/-9.854 χ^2/NDF : 6.3/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.992+/-0.007 χ^2/NDF : 20944.3/7

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

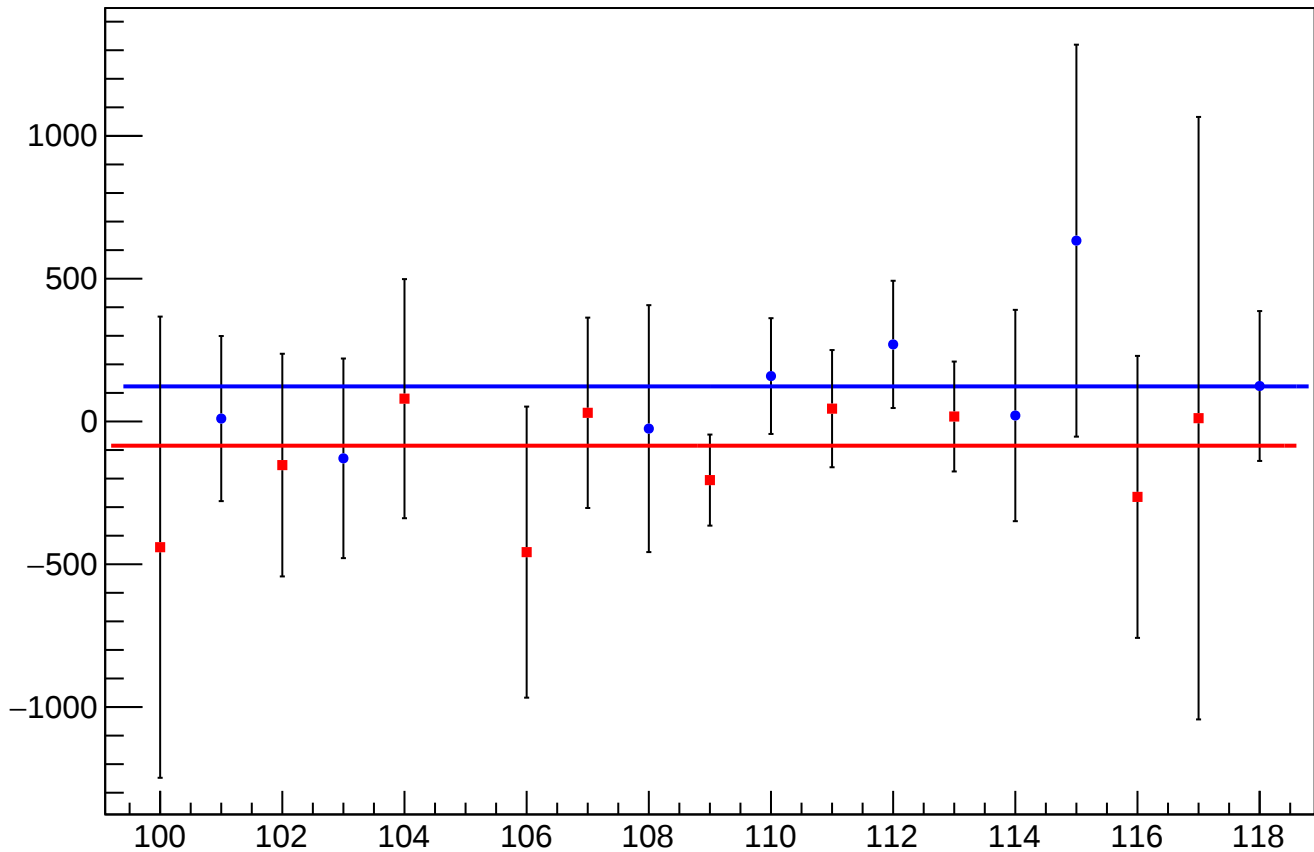
Right Out: 18.313+/-0.007 χ^2/NDF : 15249.1/9

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

17.992+/-0.007 χ^2/NDF : 20944.3/7

18.313+/-0.007 χ^2/NDF : 15249.1/9

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 122.826+/-103.180 χ^2/NDF : 1.9/7

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

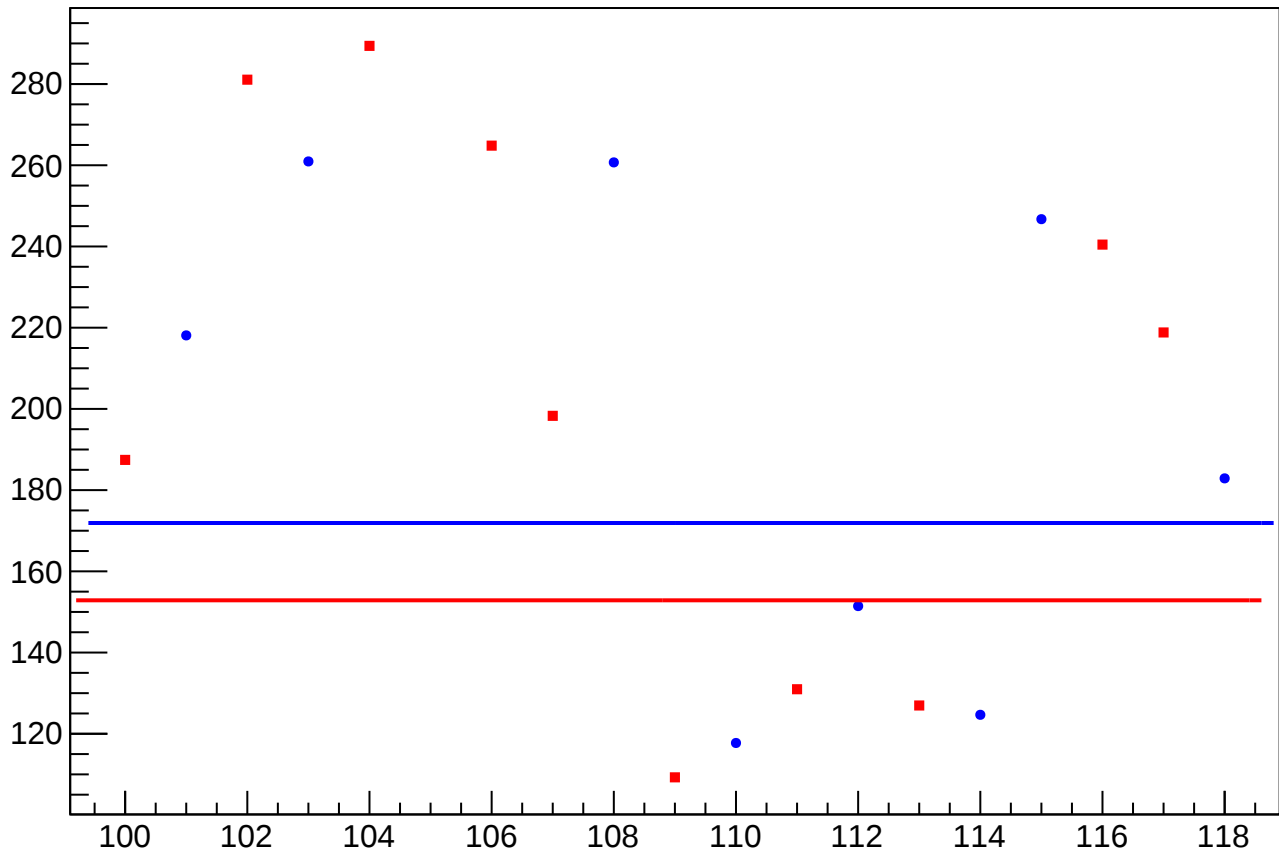
Right Out: -84.808+/-90.627 χ^2/NDF : 2.4/9

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

122.826+/-103.180 χ^2/NDF : 1.9/7

-84.808+/-90.627 χ^2/NDF : 2.4/9

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.904+/-0.073 χ^2/NDF : 484805.7/7

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

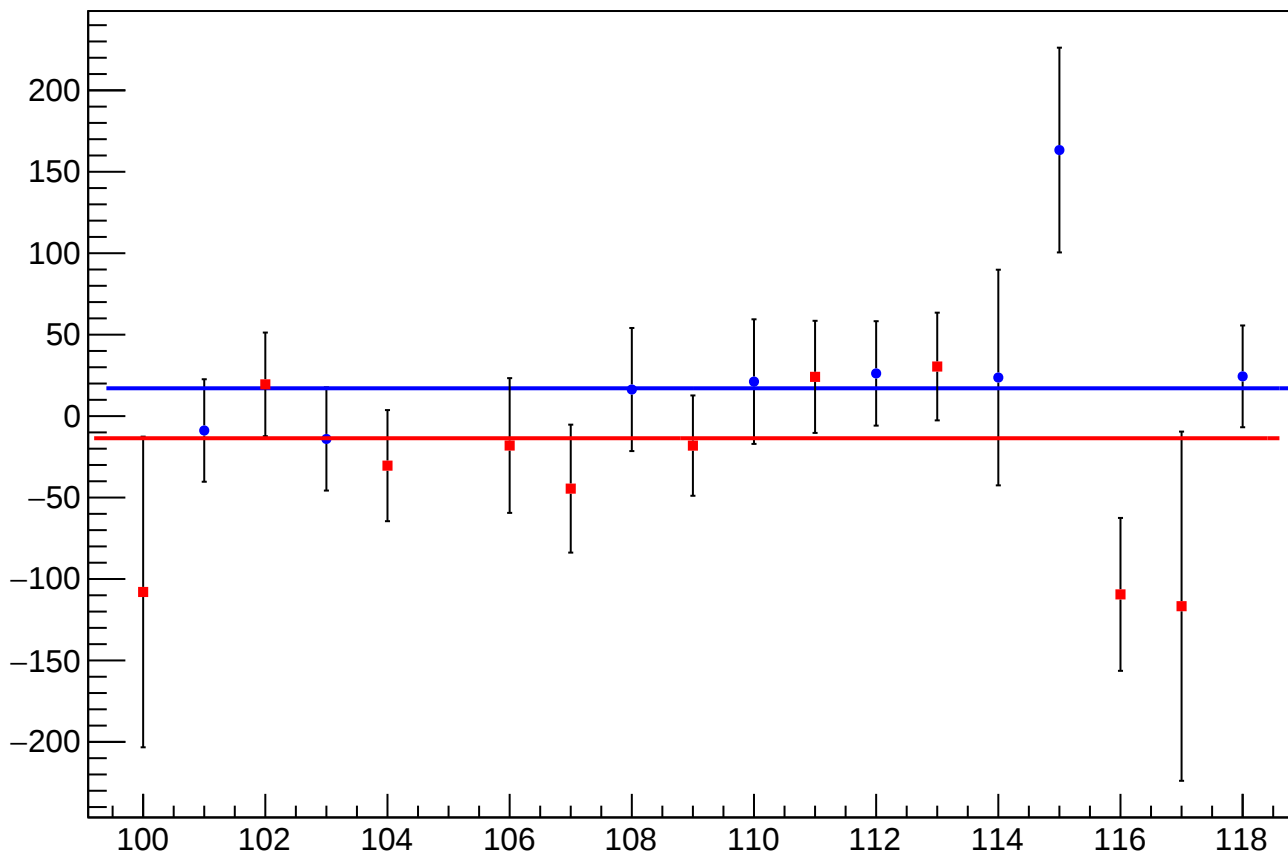
Right Out: 152.864+/-0.064 χ^2/NDF : 845632.2/9

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

171.904+/-0.073 χ^2/NDF : 484805.7/7

152.864+/-0.064 χ^2/NDF : 845632.2/9

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 17.084+/-13.053 χ^2/NDF : 7.2/7

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

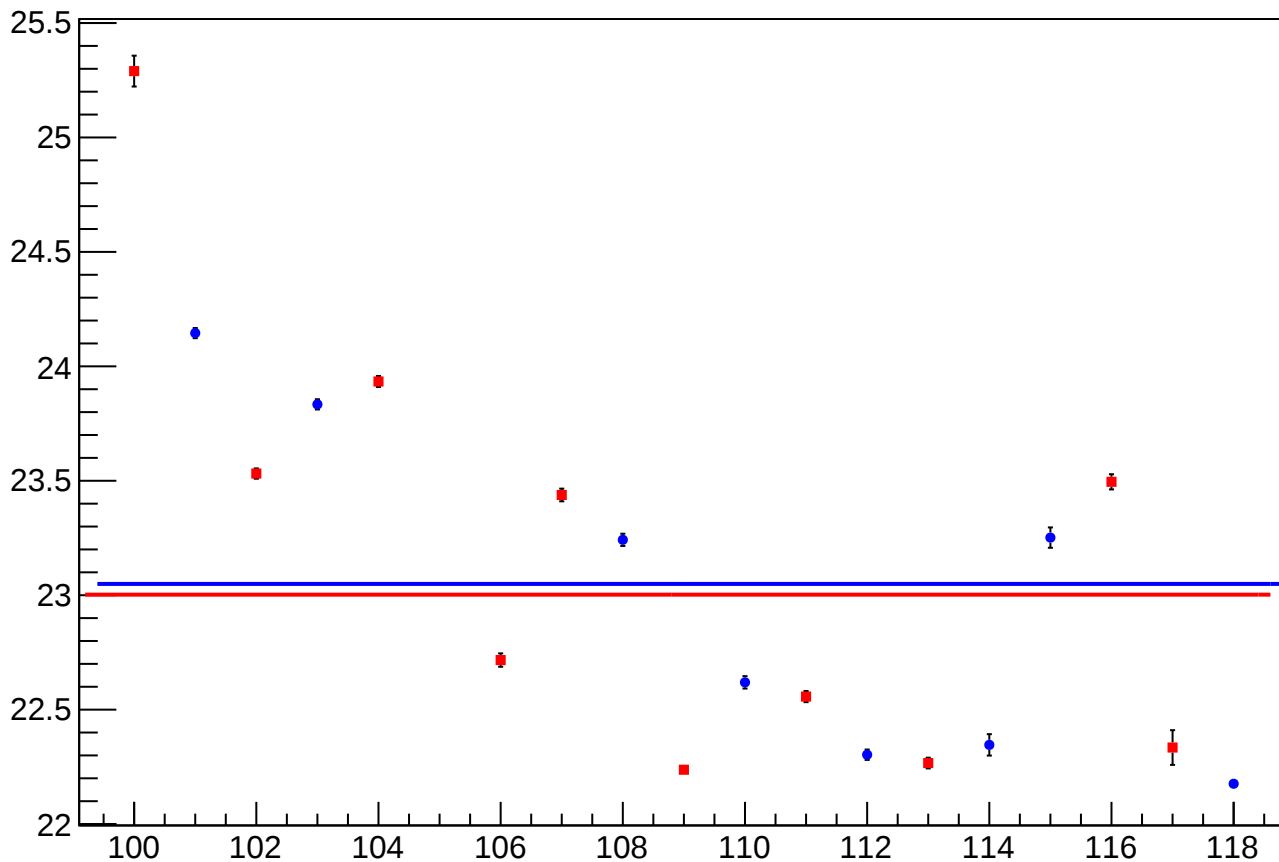
Right Out: -13.582+/-12.360 χ^2/NDF : 11.0/9

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

17.084+/-13.053 χ^2/NDF : 7.2/7

-13.582+/-12.360 χ^2/NDF : 11.0/9

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 23.049+/-0.009 χ^2/NDF : 6850.0/7

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

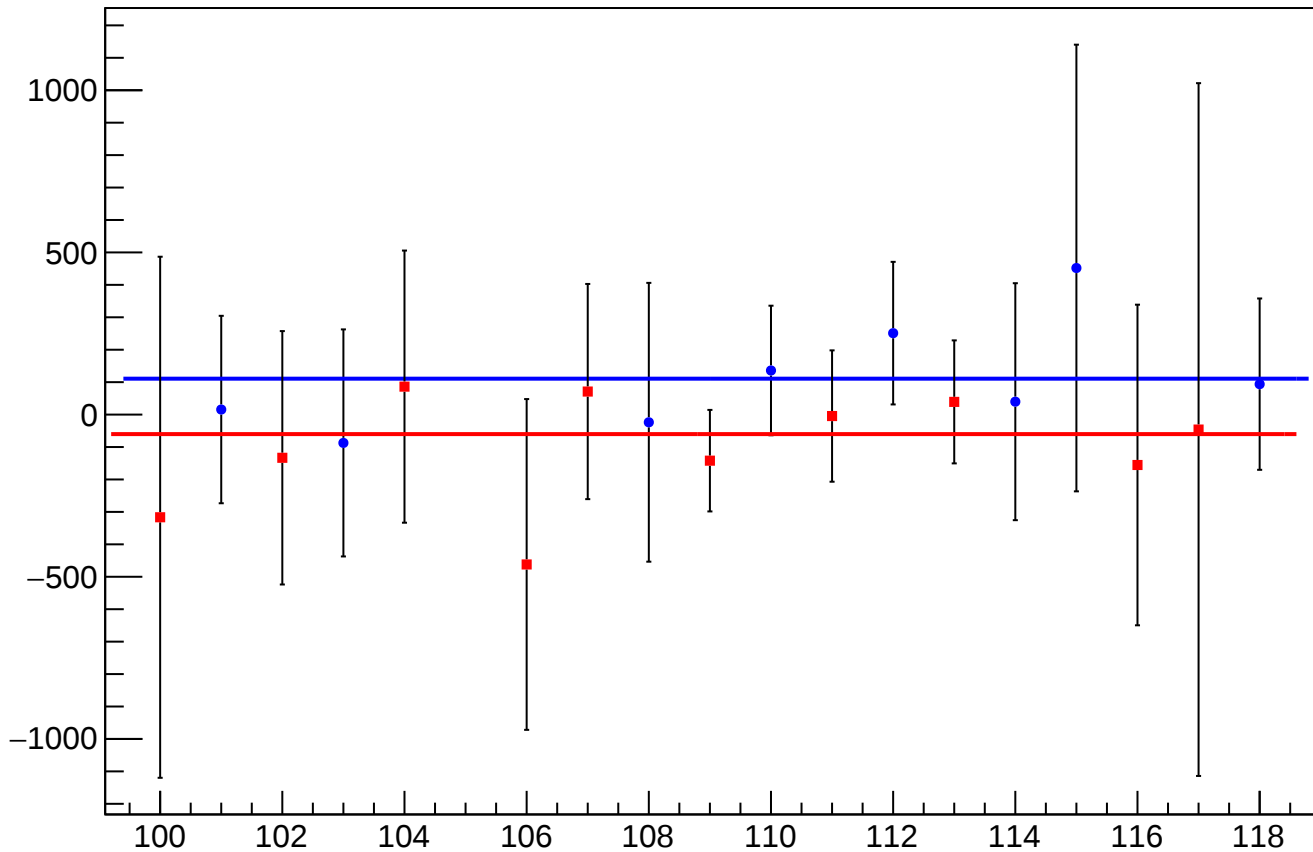
Right Out: 23.002+/-0.009 χ^2/NDF : 6394.7/9

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

23.049+/-0.009 χ^2/NDF : 6850.0/7

23.002+/-0.009 χ^2/NDF : 6394.7/9

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 110.743+/-102.459 χ^2/NDF : 1.2/7

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

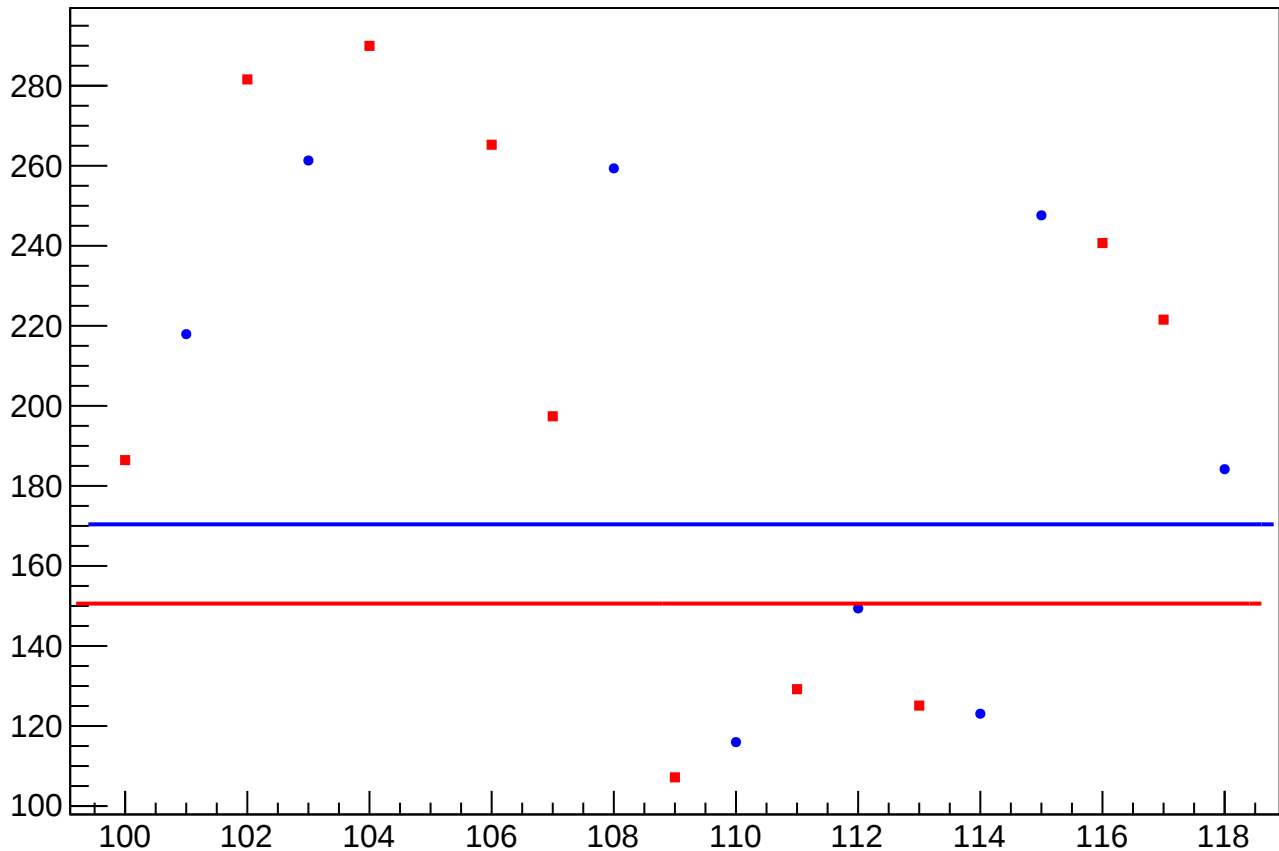
Right Out: -60.141+/-89.541 χ^2/NDF : 1.7/9

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

110.743+/-102.459 χ^2/NDF : 1.2/7

-60.141+/-89.541 χ^2/NDF : 1.7/9

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 170.396+/-0.072 χ^2/NDF : 505647.4/7

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

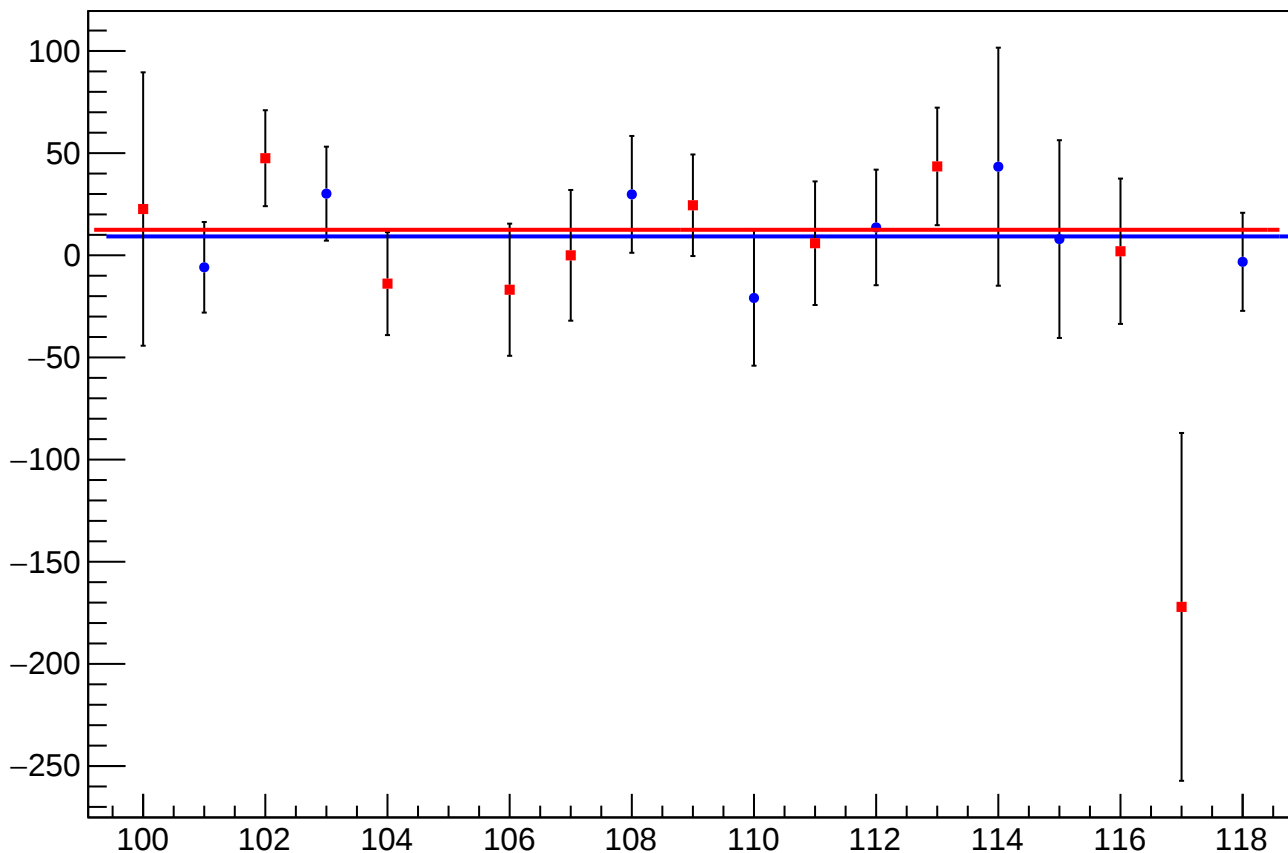
170.396+/-0.072 χ^2/NDF : 505647.4/7

Right Out: 150.591+/-0.063 χ^2/NDF : 878297.4/9

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

150.591+/-0.063 χ^2/NDF : 878297.4/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 9.234+/-10.119 χ^2/NDF : 3.3/7

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

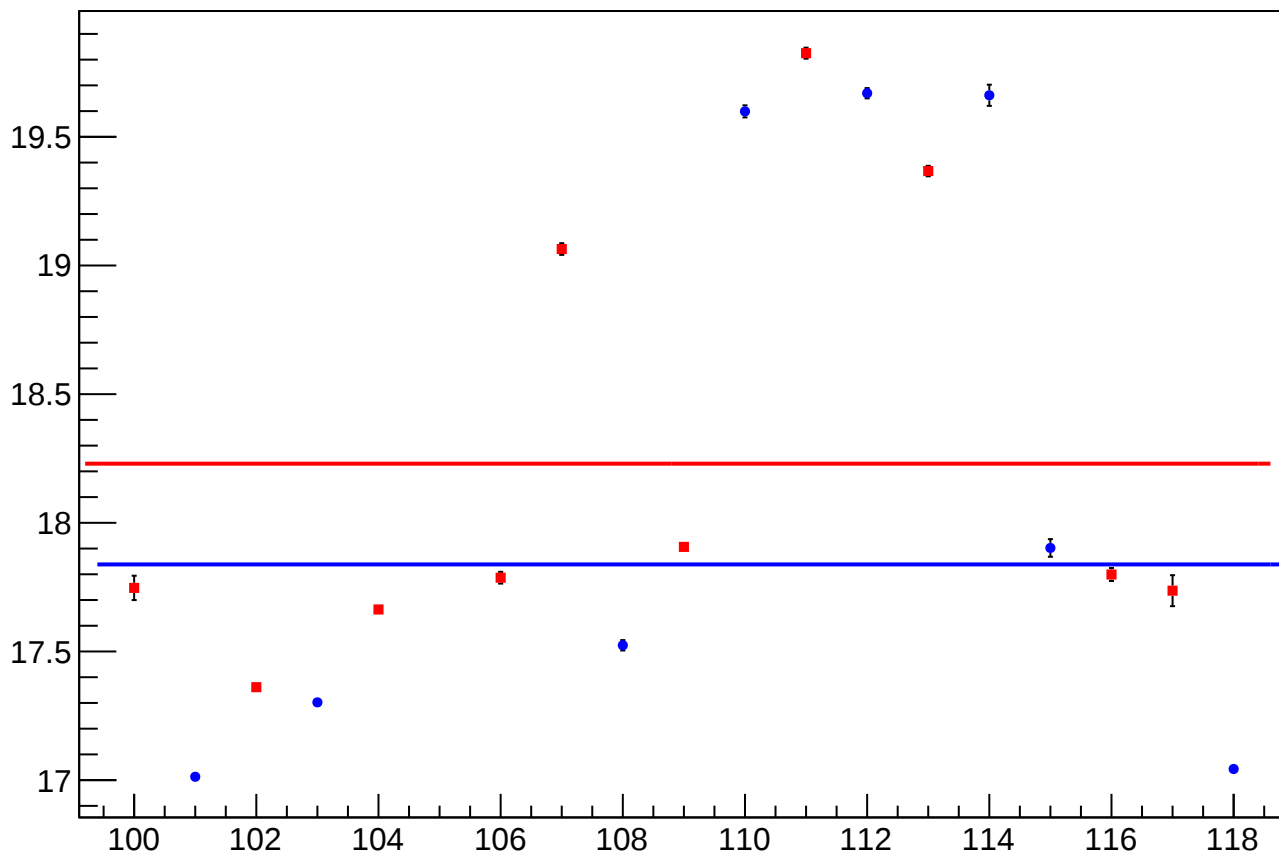
Right Out: 12.482+/-9.808 χ^2/NDF : 10.6/9

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

9.234+/-10.119 χ^2/NDF : 3.3/7

12.482+/-9.808 χ^2/NDF : 10.6/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.838+/-0.007 χ^2/NDF : 22280.2/7

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

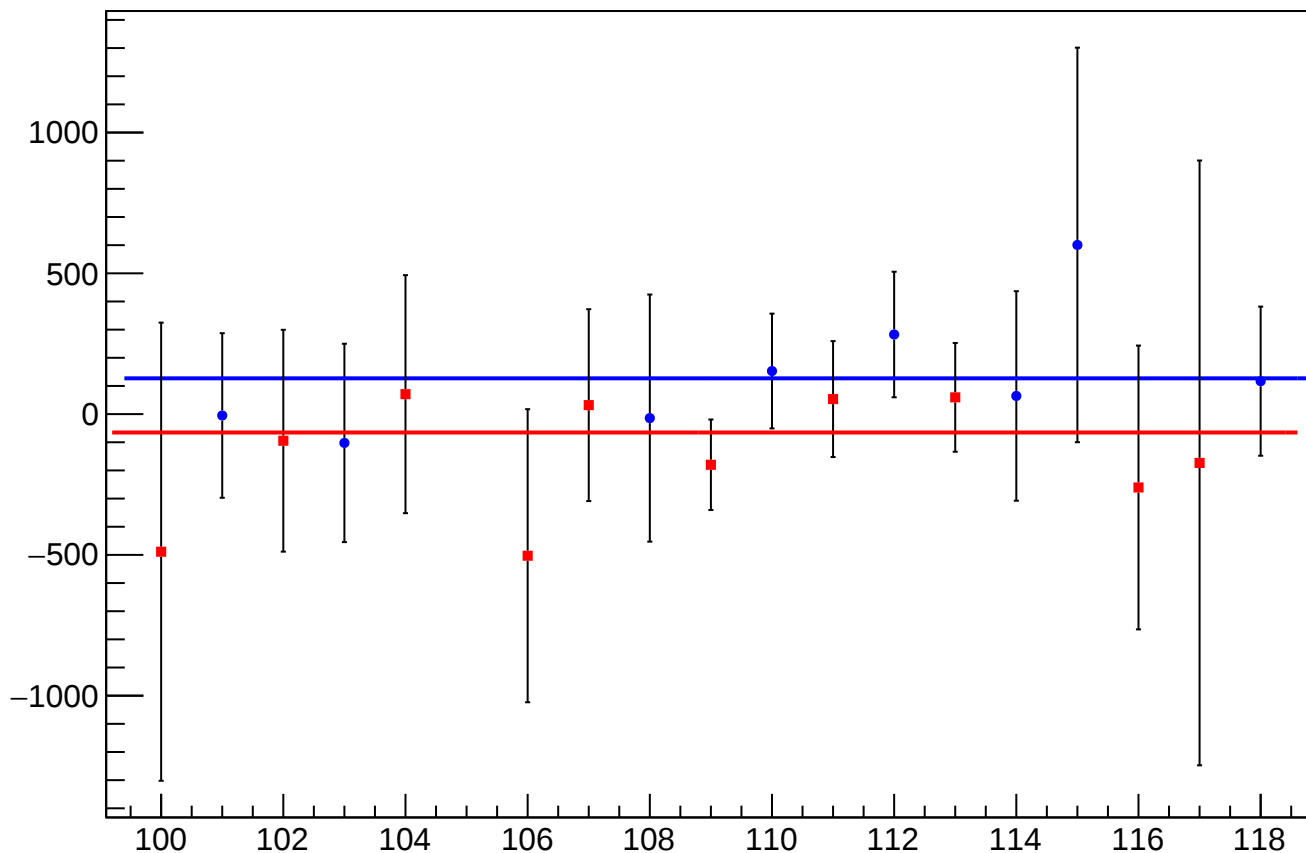
Right Out: 18.230+/-0.007 χ^2/NDF : 14976.6/9

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

17.838+/-0.007 χ^2/NDF : 22280.2/7

18.230+/-0.007 χ^2/NDF : 14976.6/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 127.049+/-103.886 χ^2/NDF : 1.7/7

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

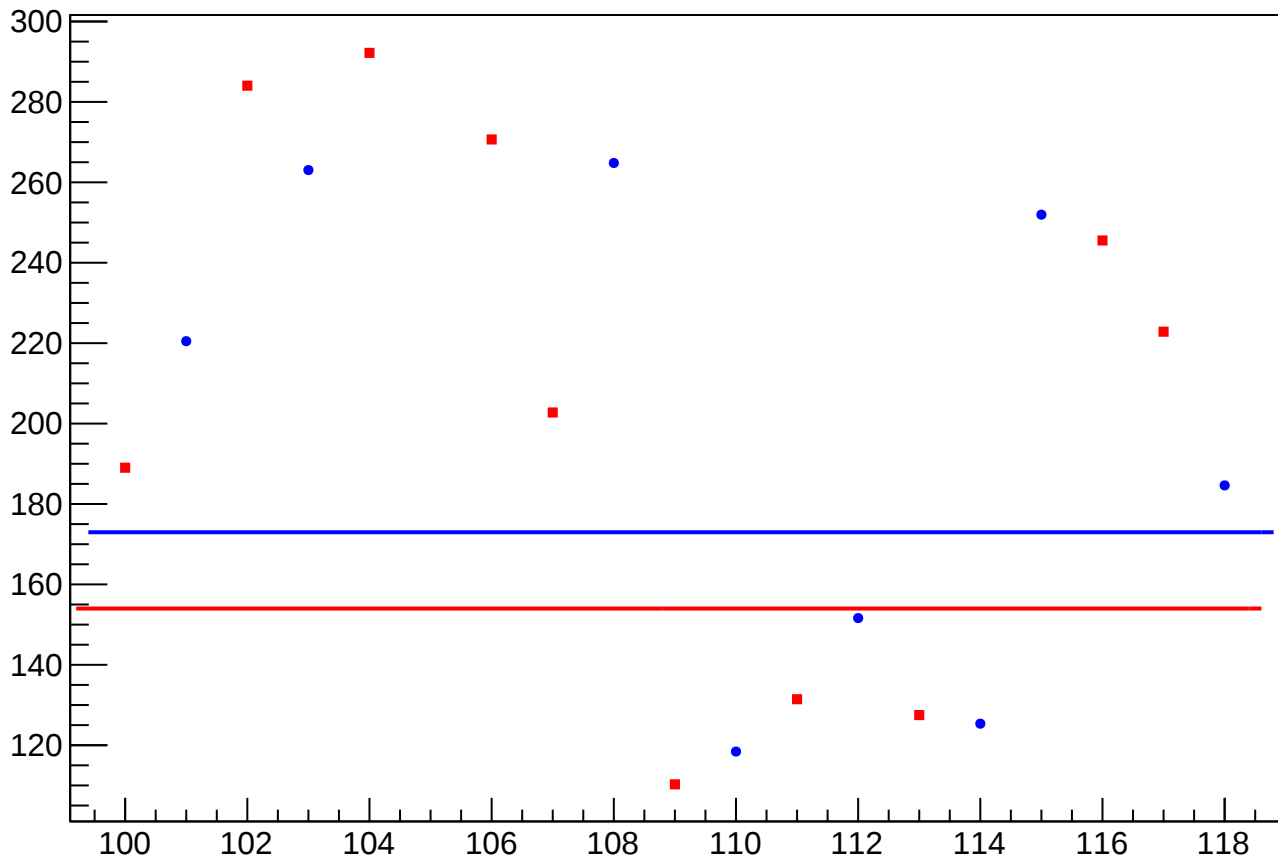
Right Out: -65.313+/-91.373 χ^2/NDF : 2.6/9

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

127.049+/-103.886 χ^2/NDF : 1.7/7

-65.313+/-91.373 χ^2/NDF : 2.6/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 172.972 $\pm$ 0.073 χ^2 /NDF: 494841.4/7

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

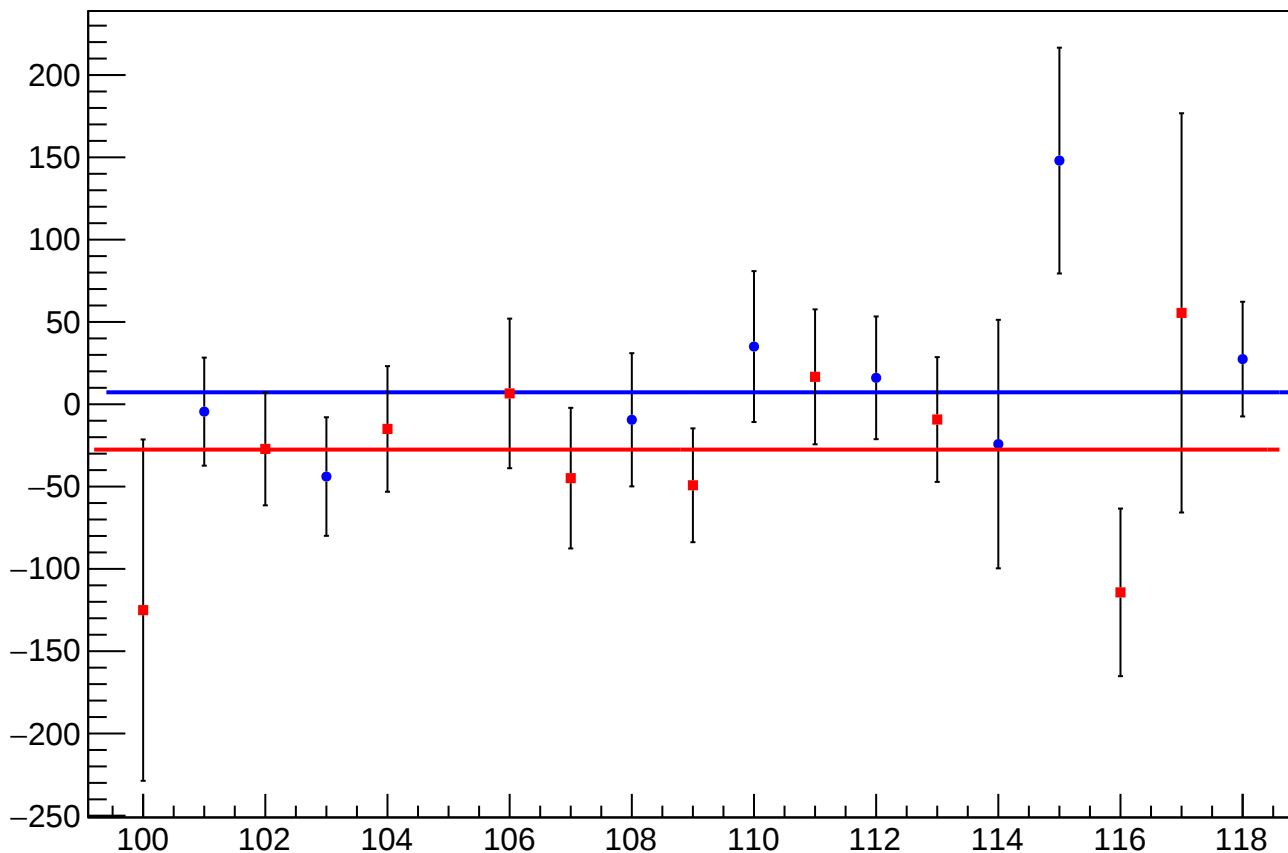
Right Out: 153.997 $\pm$ 0.065 χ^2 /NDF: 860792.1/9

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

172.972 $\pm$ 0.073 χ^2 /NDF: 494841.4/7

153.997 $\pm$ 0.065 χ^2 /NDF: 860792.1/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 7.272 $\pm$ 14.557 χ^2/NDF : 7.5/7

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

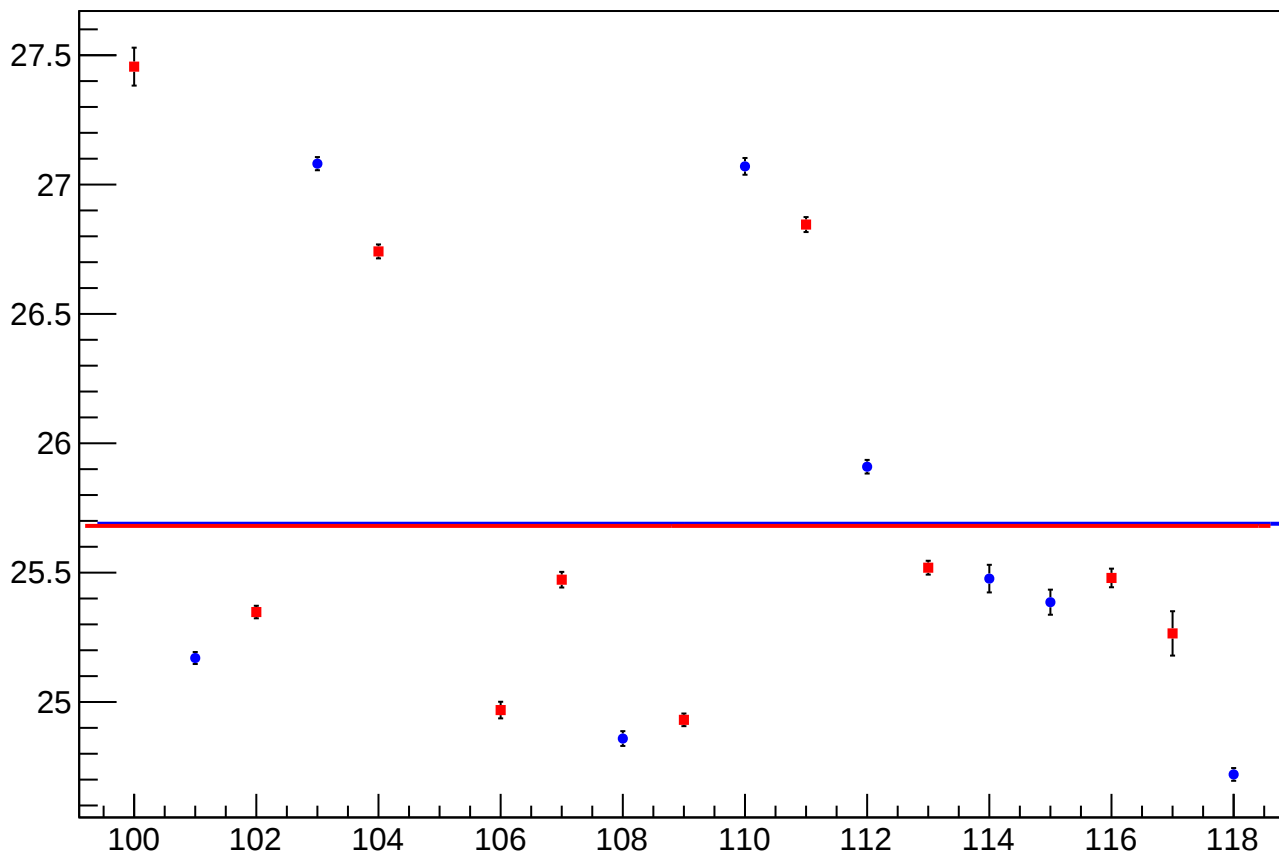
Right Out: -27.537 $\pm$ 13.808 χ^2/NDF : 6.9/9

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

7.272 $\pm$ 14.557 χ^2/NDF : 7.5/7

-27.537 $\pm$ 13.808 χ^2/NDF : 6.9/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.689+/-0.010 χ^2/NDF : 7819.5/7

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

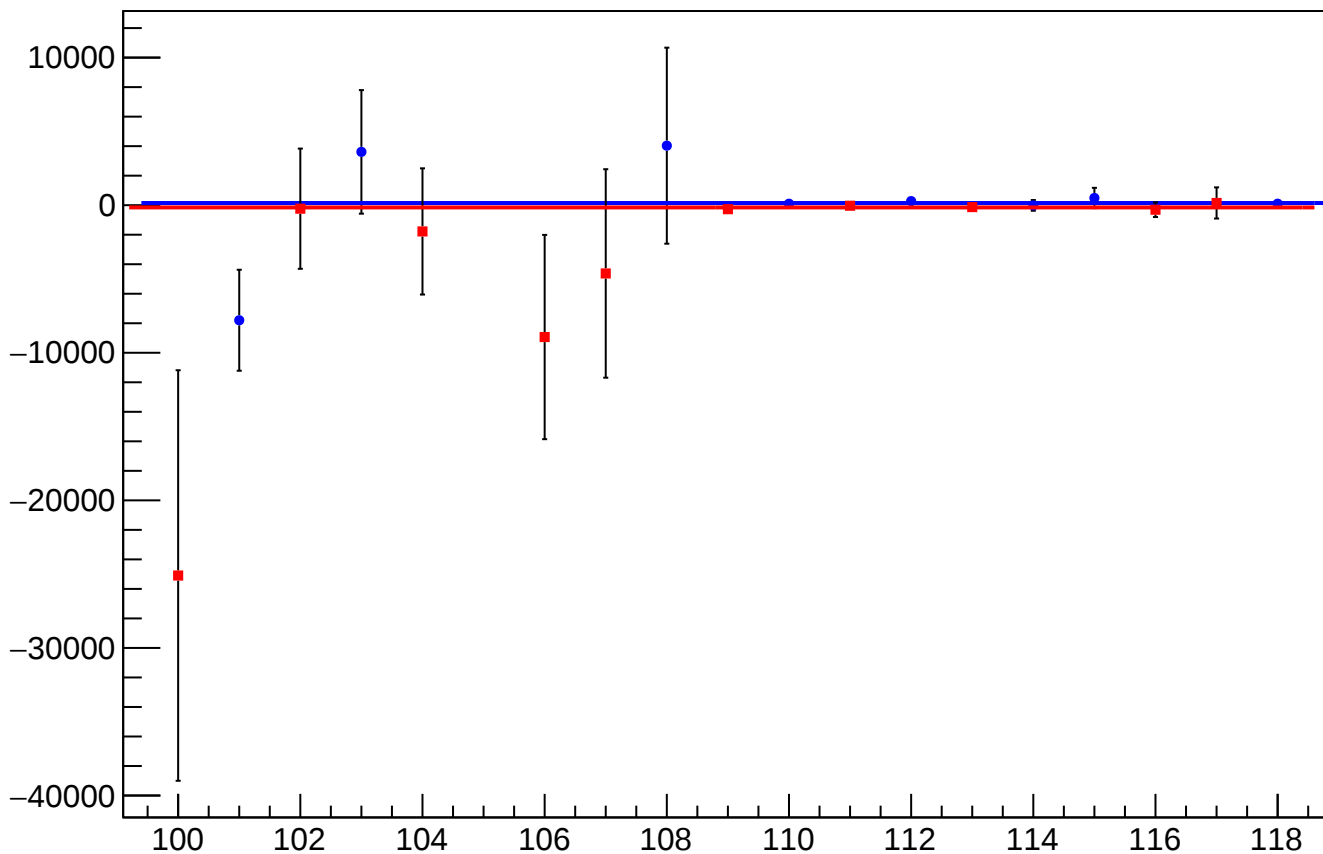
Right Out: 25.681+/-0.010 χ^2/NDF : 5505.8/9

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

25.689+/-0.010 χ^2/NDF : 7819.5/7

25.681+/-0.010 χ^2/NDF : 5505.8/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 147.180+/-120.019 χ^2/NDF : 7.3/7

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

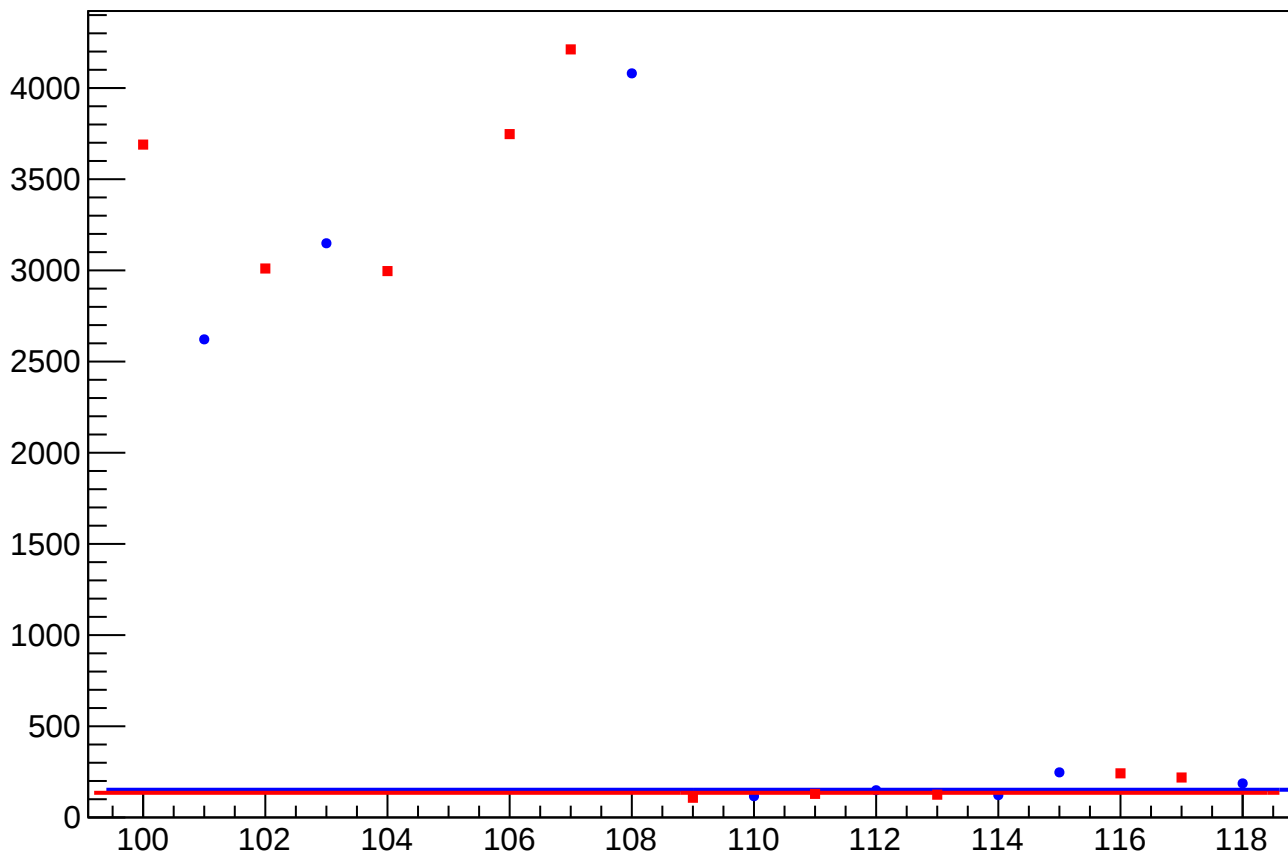
Right Out: -152.052+/-112.570 χ^2/NDF : 6.2/9

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

147.180+/-120.019 χ^2/NDF : 7.3/7

-152.052+/-112.570 χ^2/NDF : 6.2/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 151.951+/-0.085 χ^2/NDF : 2915572.2/7

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

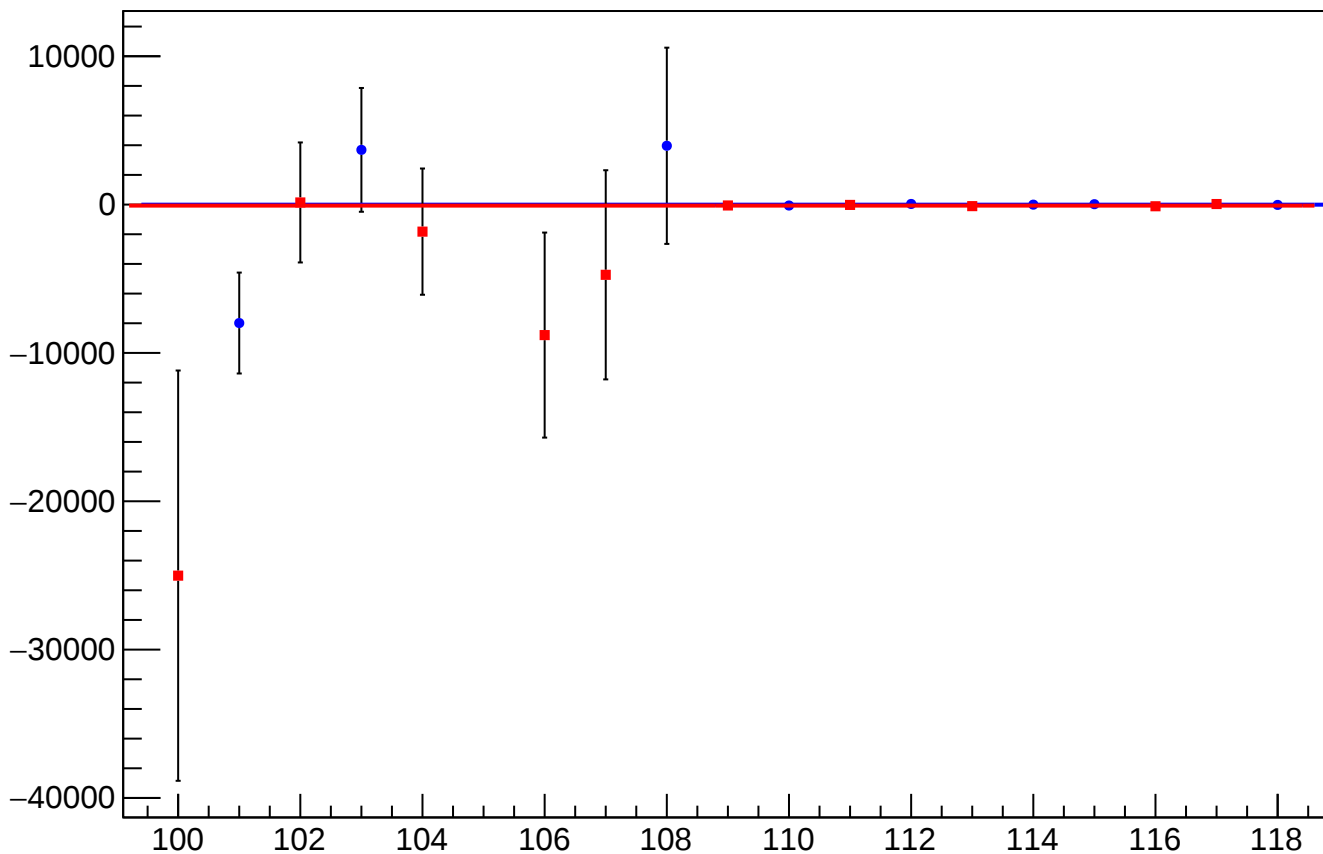
Right Out: 135.189+/-0.080 χ^2/NDF : 3378158.1/9

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

151.951+/-0.085 χ^2/NDF : 2915572.2/7

135.189+/-0.080 χ^2/NDF : 3378158.1/9

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -6.340+/-21.815 χ^2/NDF : 10.2/7

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

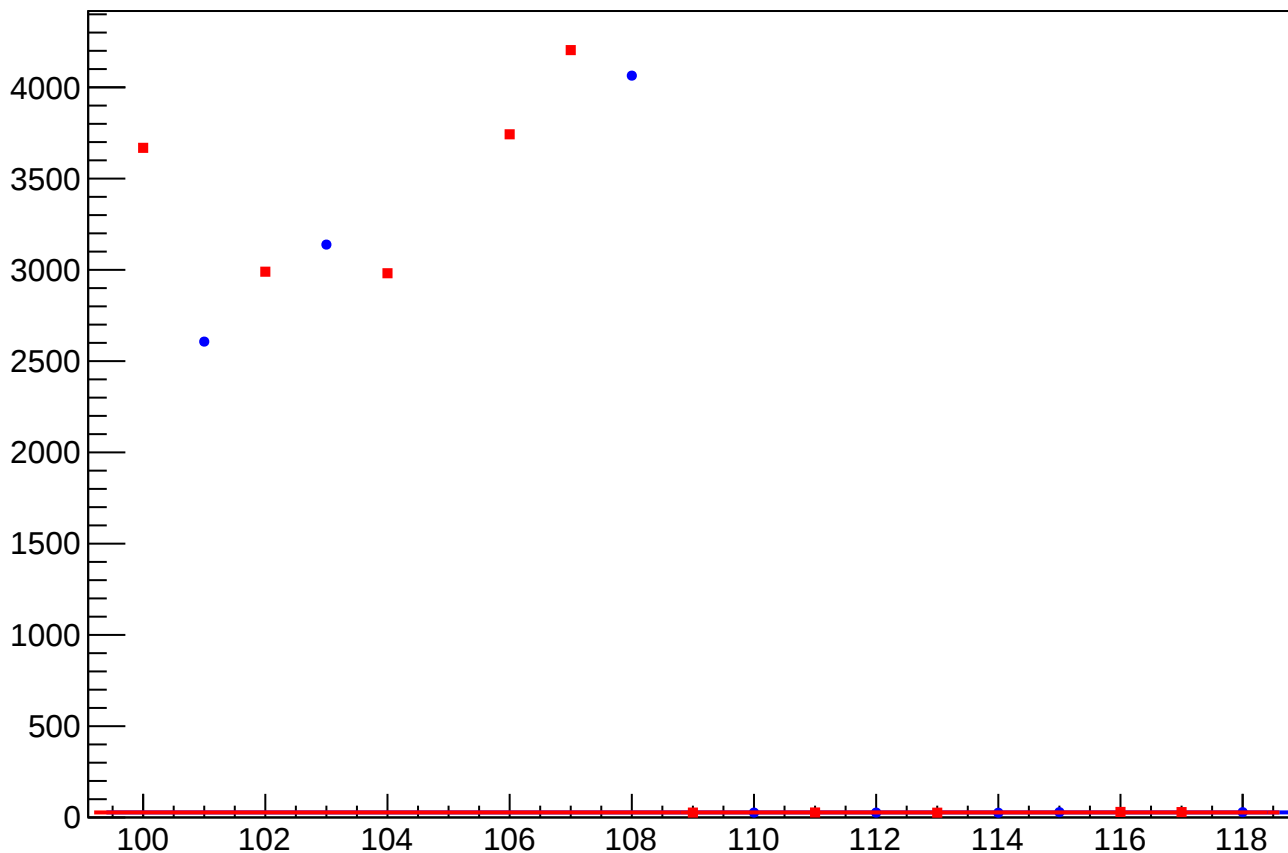
Right Out: -69.705+/-22.715 χ^2/NDF : 8.7/9

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

-6.340+/-21.815 χ^2/NDF : 10.2/7

-69.705+/-22.715 χ^2/NDF : 8.7/9

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.686+/-0.015 χ^2/NDF : 3013207.5/7

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

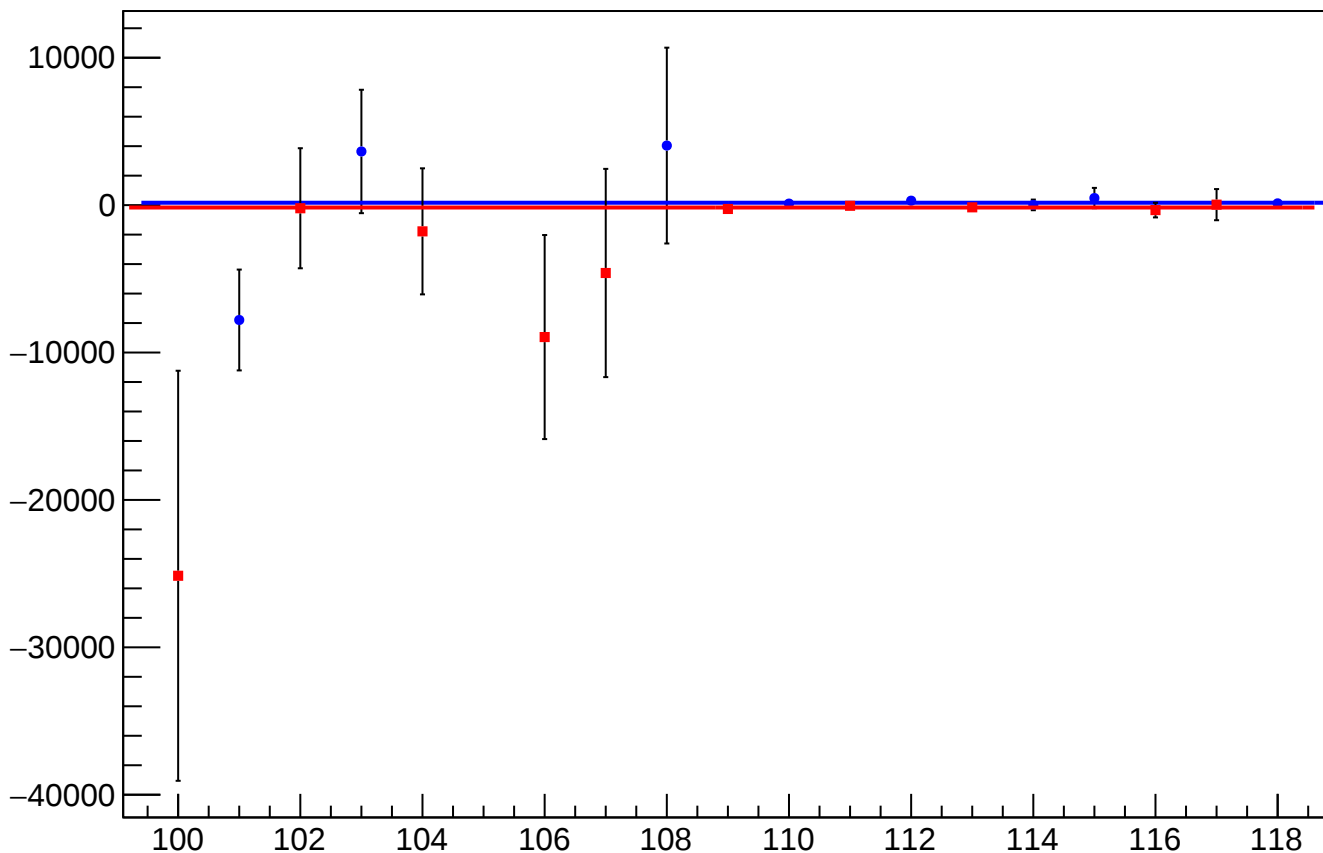
Right Out: 27.467+/-0.016 χ^2/NDF : 3462561.5/9

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

27.686+/-0.015 χ^2/NDF : 3013207.5/7

27.467+/-0.016 χ^2/NDF : 3462561.5/9

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 162.810+/-119.480 χ^2/NDF : 7.3/7

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

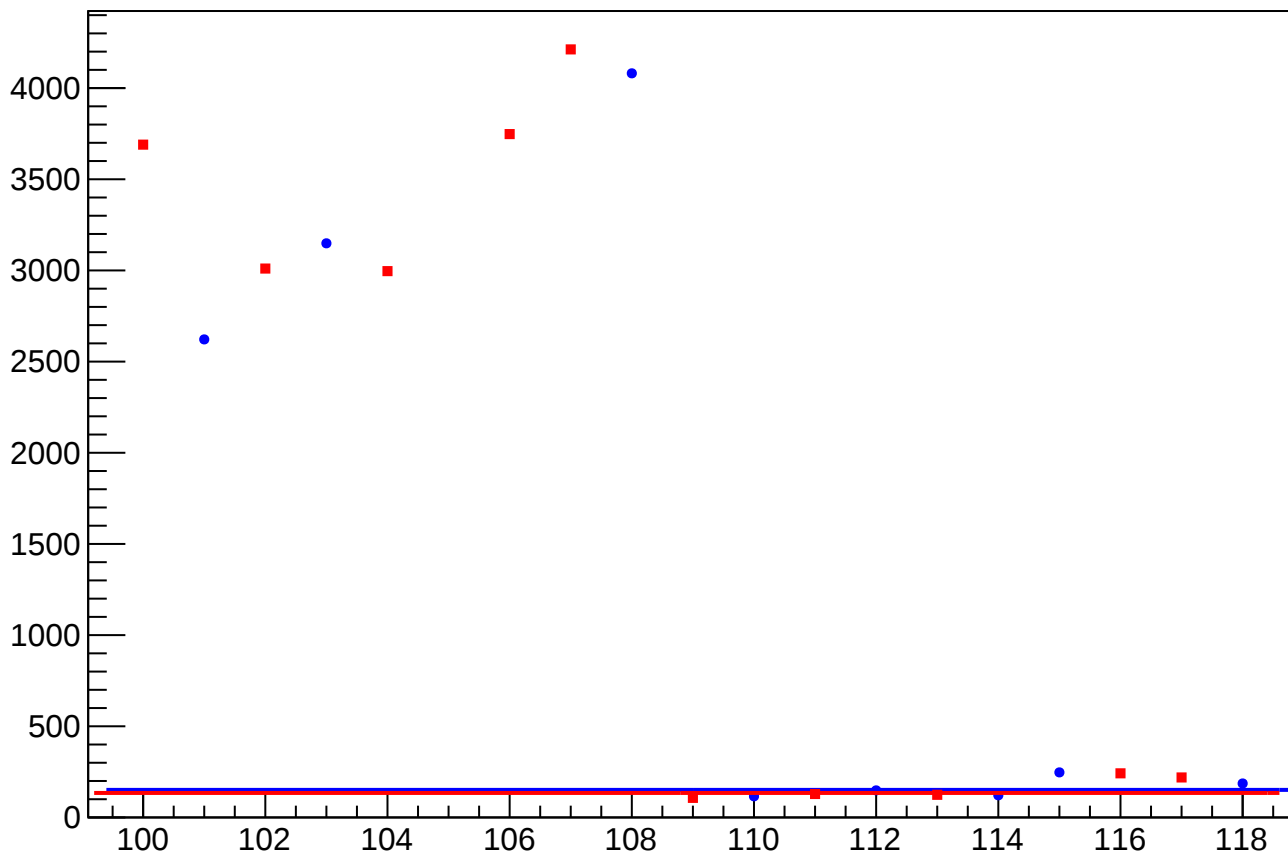
Right Out: -161.239+/-112.000 χ^2/NDF : 6.1/9

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

162.810+/-119.480 χ^2/NDF : 7.3/7

-161.239+/-112.000 χ^2/NDF : 6.1/9

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 151.187+/-0.084 χ^2/NDF : 2918951.5/7

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

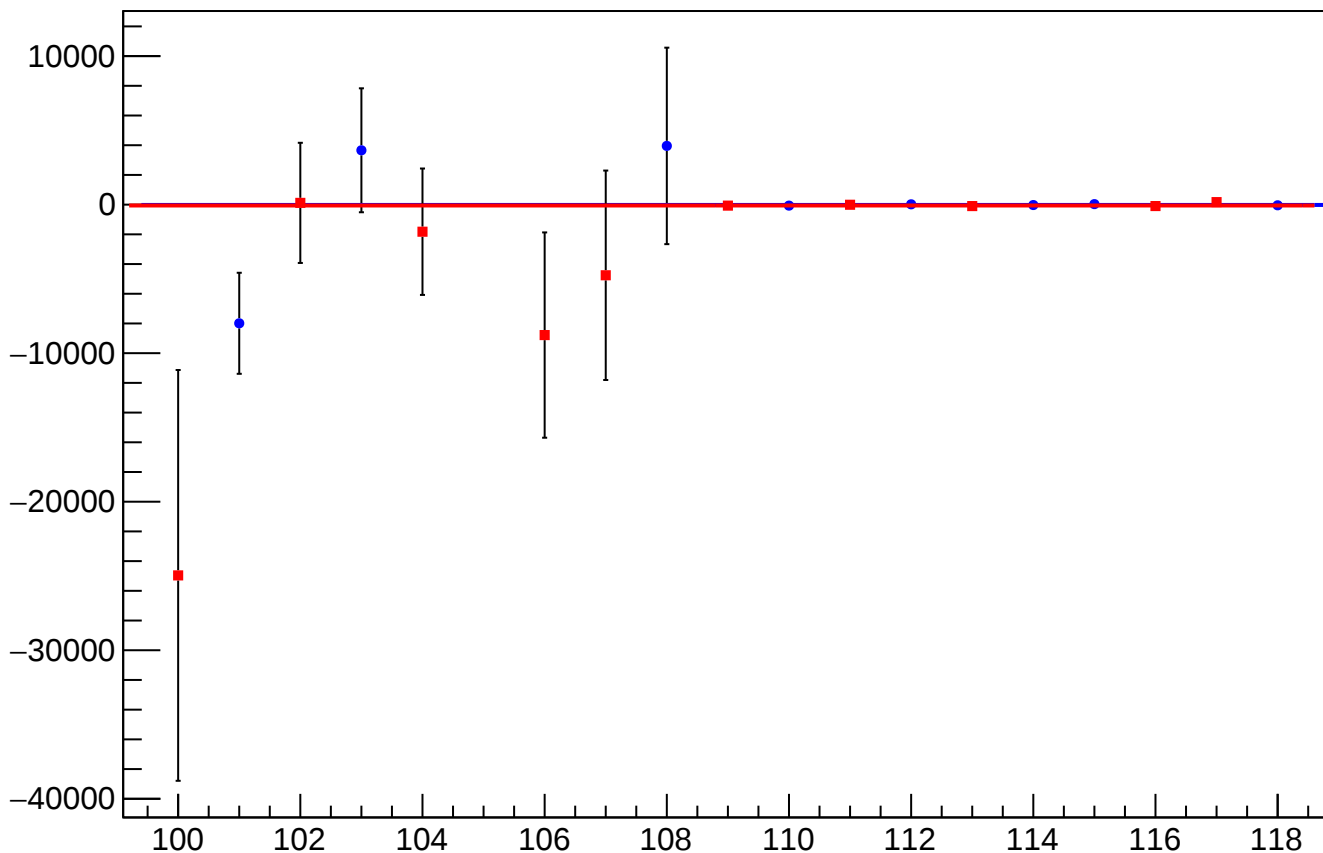
Right Out: 134.422+/-0.079 χ^2/NDF : 3381353.5/9

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

151.187+/-0.084 χ^2/NDF : 2918951.5/7

134.422+/-0.079 χ^2/NDF : 3381353.5/9

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -20.892 $\pm$ 21.903 χ^2 /NDF: 9.7/7

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

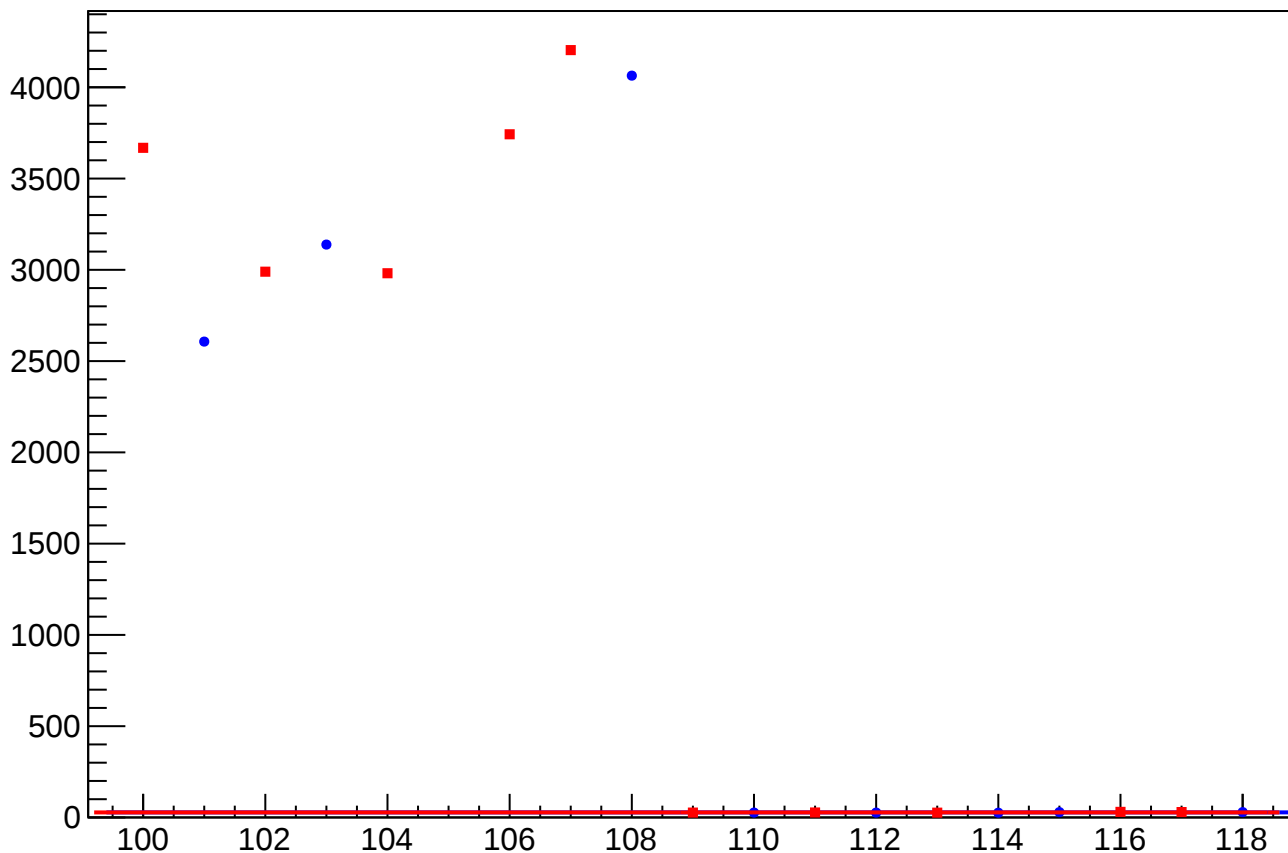
Right Out: -57.431 $\pm$ 22.805 χ^2 /NDF: 10.9/9

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

-20.892 $\pm$ 21.903 χ^2 /NDF: 9.7/7

-57.431 $\pm$ 22.805 χ^2 /NDF: 10.9/9

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.794+/-0.015 χ^2/NDF : 3013820.2/7

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

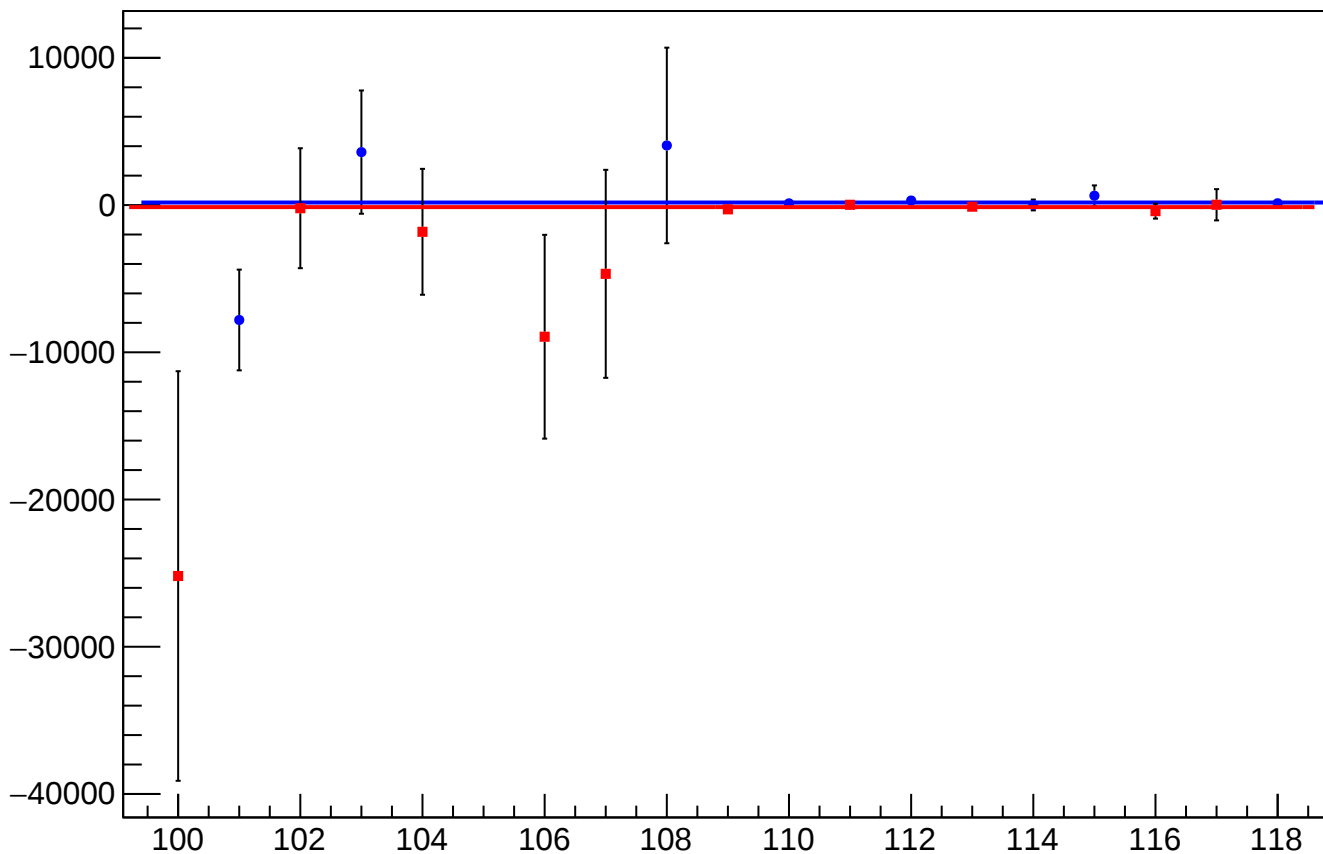
Right Out: 27.574+/-0.016 χ^2/NDF : 3463016.5/9

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

27.794+/-0.015 χ^2/NDF : 3013820.2/7

27.574+/-0.016 χ^2/NDF : 3463016.5/9

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 173.912 $\pm$ 121.565 χ^2 /NDF: 7.6/7

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

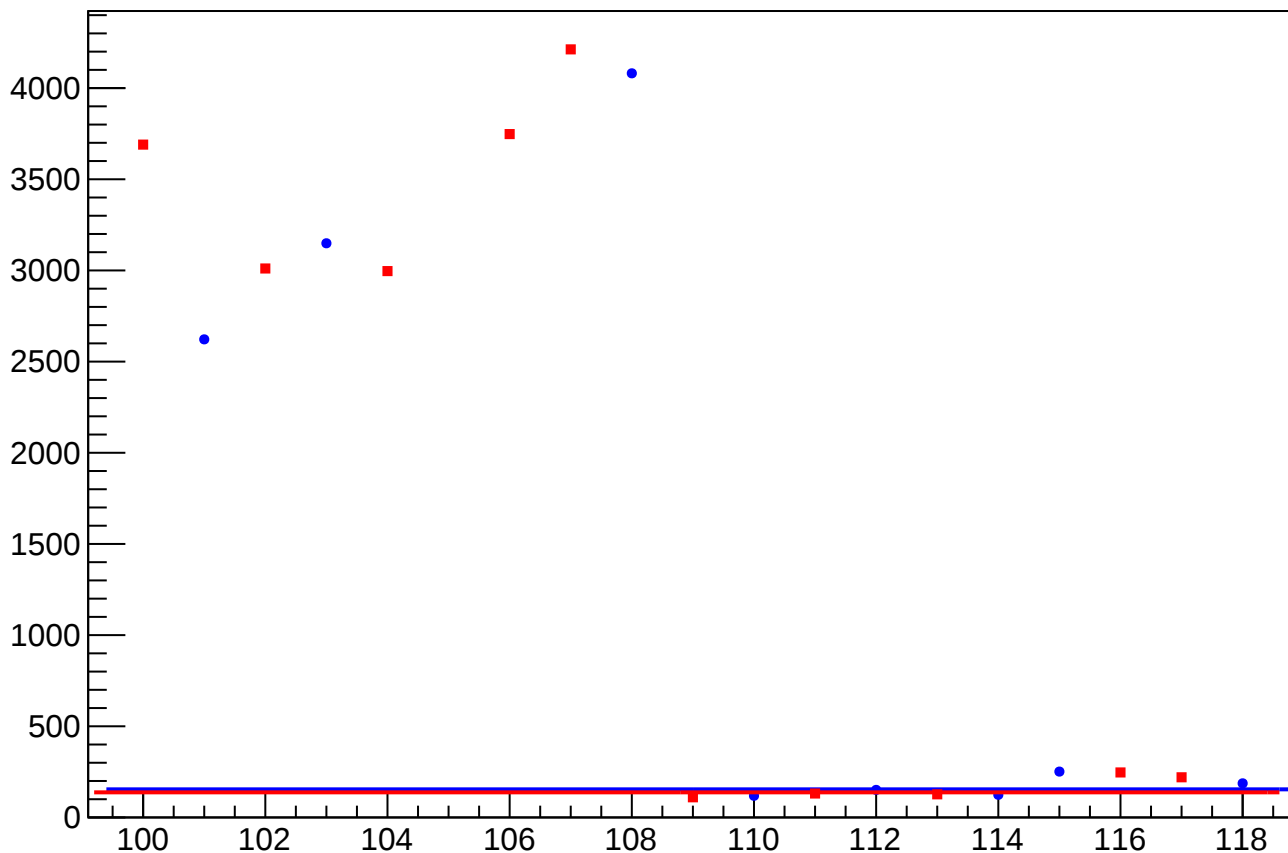
Right Out: -138.236 $\pm$ 114.466 χ^2 /NDF: 6.8/9

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

173.912 $\pm$ 121.565 χ^2 /NDF: 7.6/7

-138.236 $\pm$ 114.466 χ^2 /NDF: 6.8/9

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 154.164+/-0.086 χ^2/NDF : 2905781.5/7

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

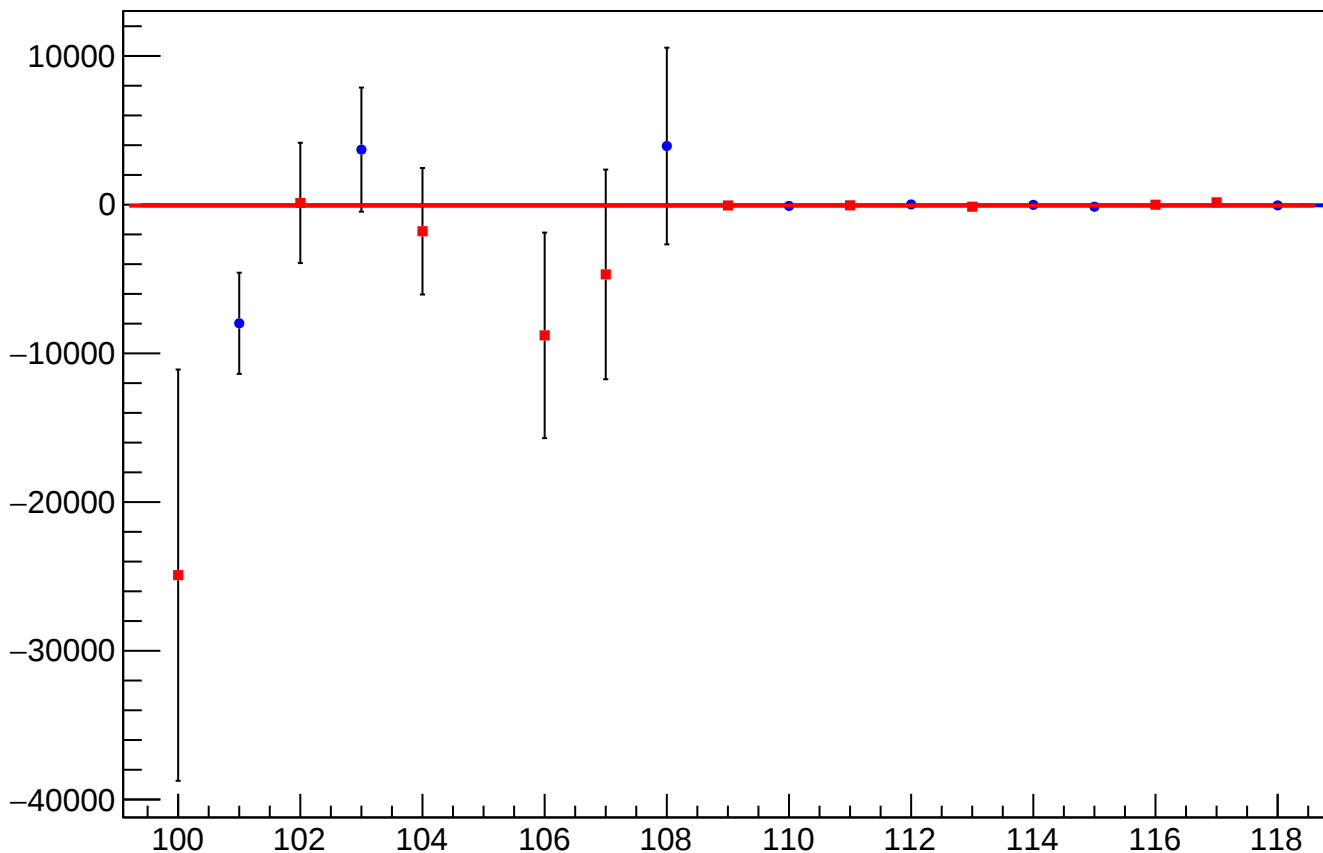
Right Out: 137.695+/-0.081 χ^2/NDF : 3372400.3/9

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

154.164+/-0.086 χ^2/NDF : 2905781.5/7

137.695+/-0.081 χ^2/NDF : 3372400.3/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -40.891+/-26.794 χ^2 /NDF: 9.9/7

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

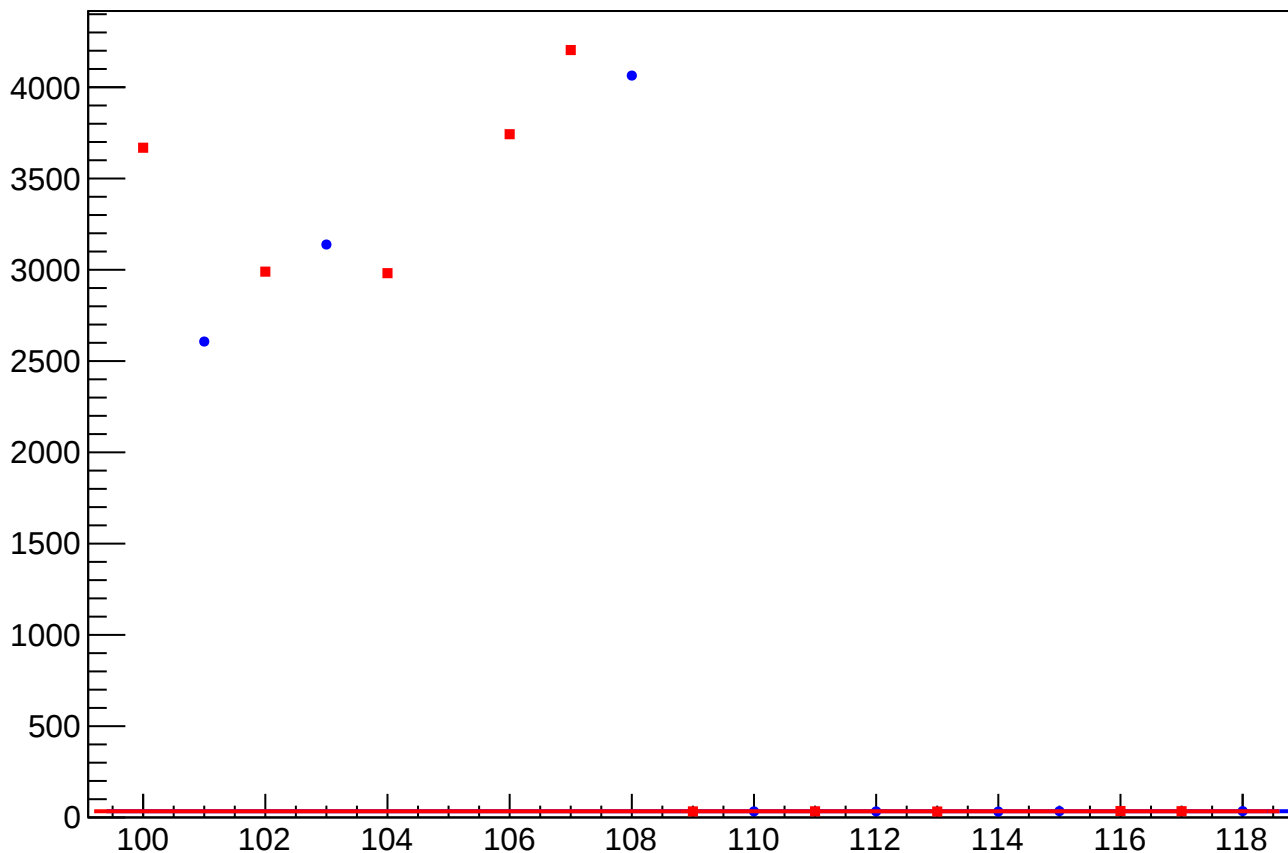
Right Out: -64.912+/-27.921 χ^2 /NDF: 10.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-40.891+/-26.794 χ^2 /NDF: 9.9/7

-64.912+/-27.921 χ^2 /NDF: 10.4/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.107+/-0.019 χ^2/NDF : 2996265.1/7

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

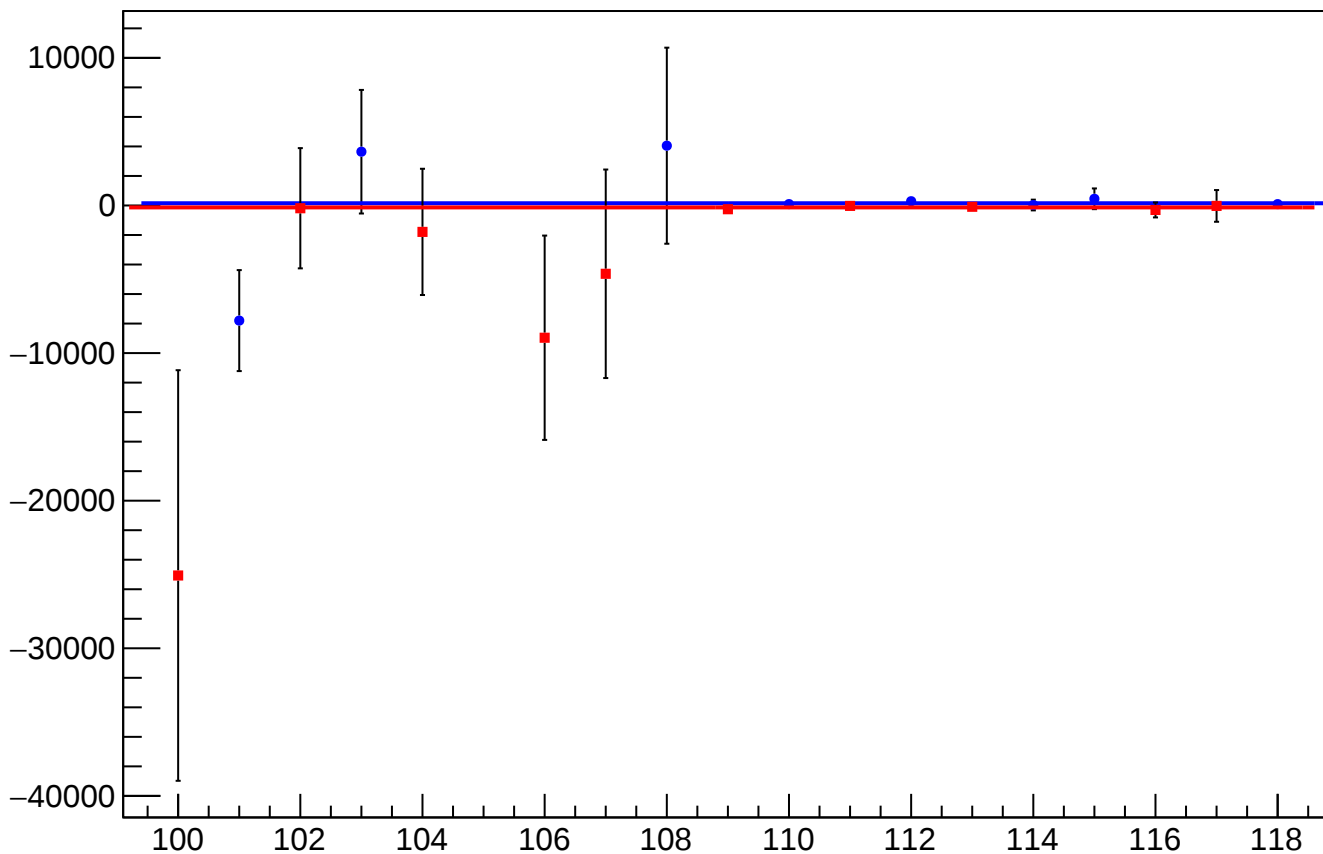
Right Out: 33.882+/-0.020 χ^2/NDF : 3444279.6/9

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

34.107+/-0.019 χ^2/NDF : 2996265.1/7

33.882+/-0.020 χ^2/NDF : 3444279.6/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 151.053+/-120.450 χ^2/NDF : 7.3/7

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

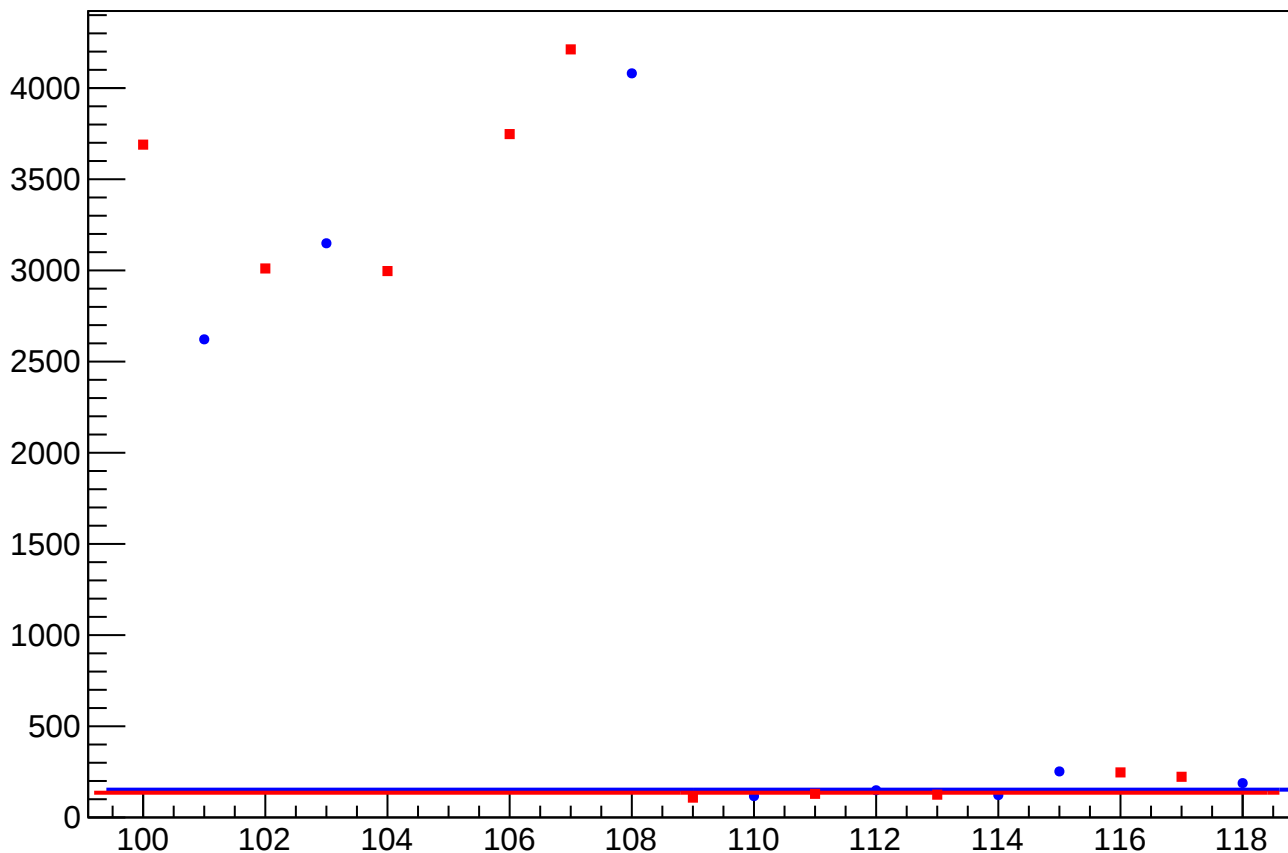
Right Out: -131.066+/-112.965 χ^2/NDF : 6.2/9

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

151.053+/-120.450 χ^2/NDF : 7.3/7

-131.066+/-112.965 χ^2/NDF : 6.2/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 152.473+/-0.085 χ^2/NDF : 2917905.0/7

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

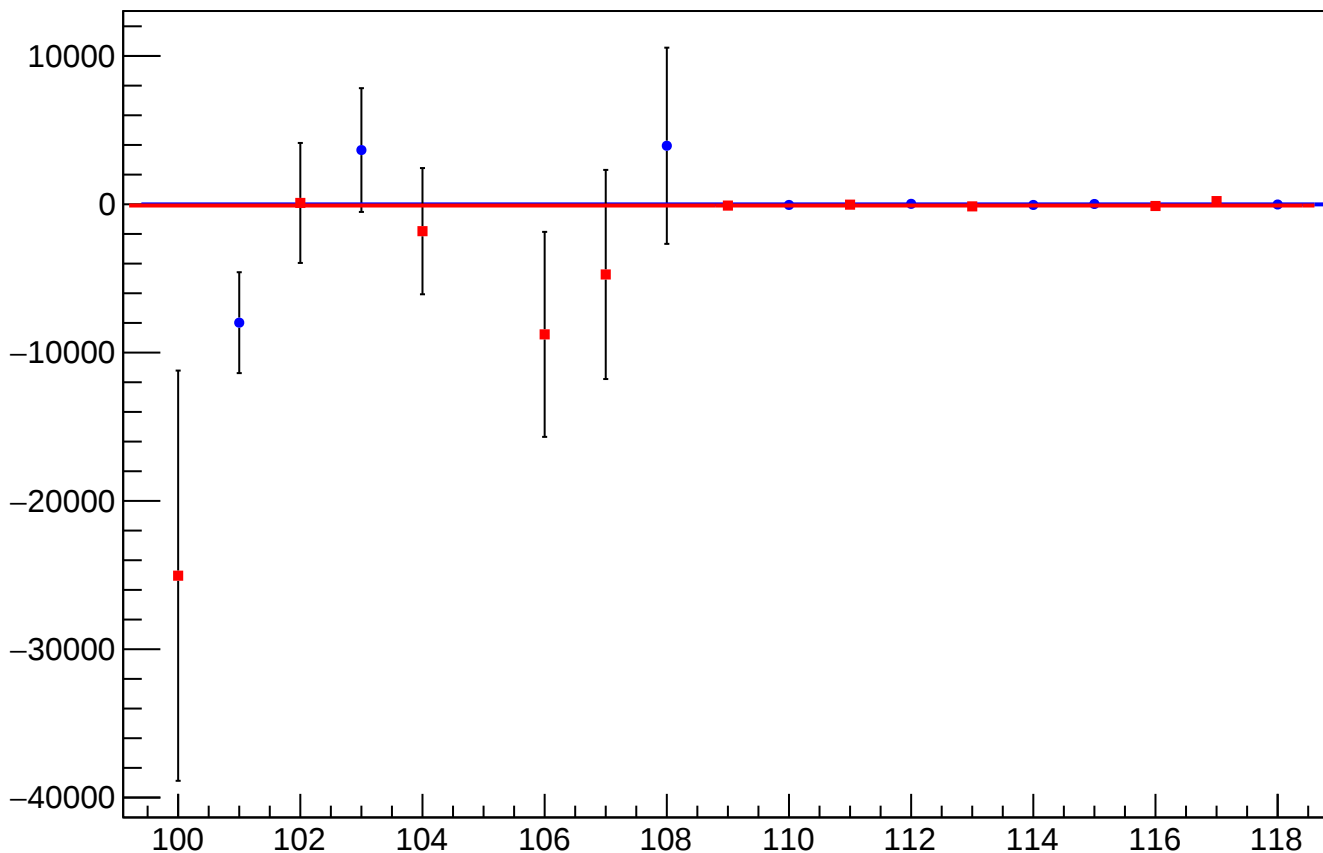
Right Out: 135.649+/-0.080 χ^2/NDF : 3381528.4/9

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

152.473+/-0.085 χ^2/NDF : 2917905.0/7

135.649+/-0.080 χ^2/NDF : 3381528.4/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -7.549+/-24.842 χ^2/NDF : 8.1/7

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

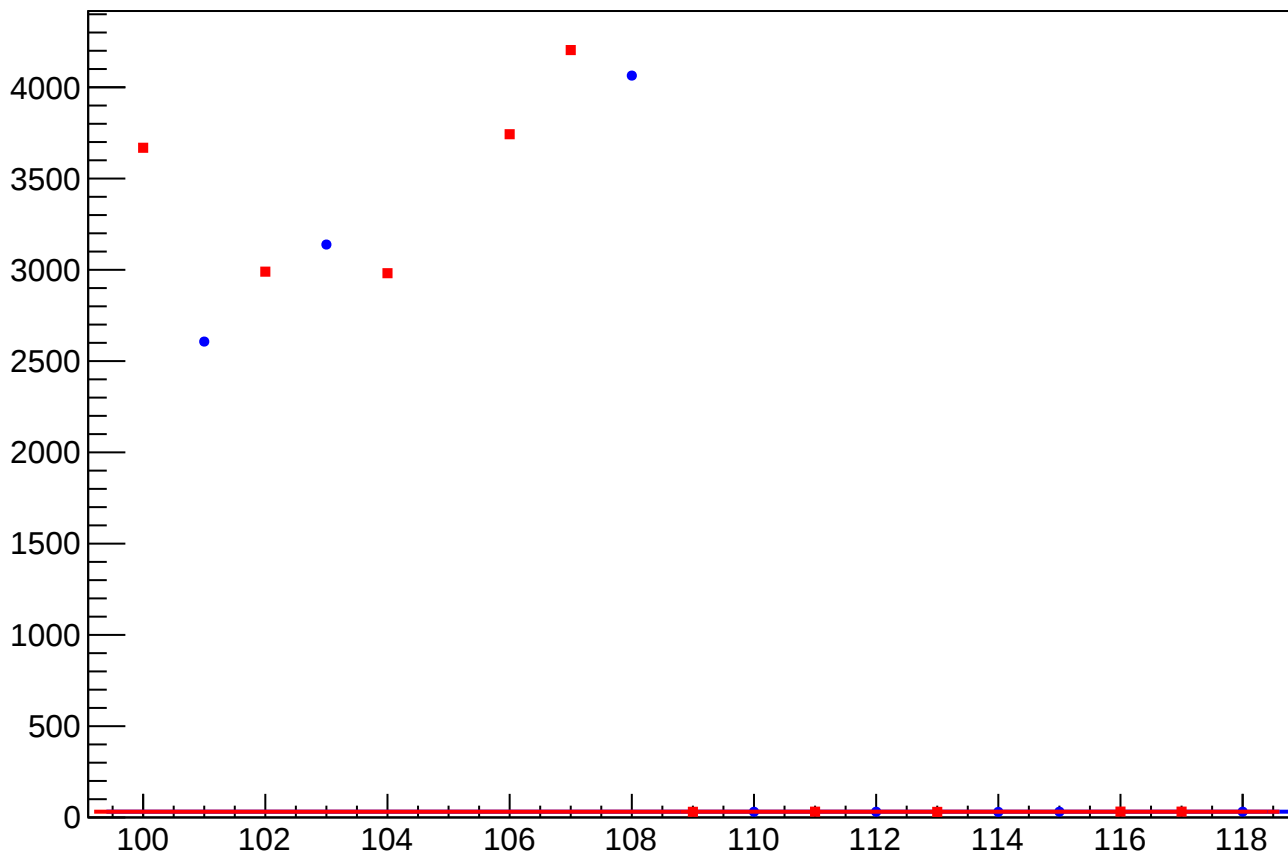
Right Out: -83.661+/-26.027 χ^2/NDF : 12.6/9

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

-7.549+/-24.842 χ^2/NDF : 8.1/7

-83.661+/-26.027 χ^2/NDF : 12.6/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.606 $\pm$ 0.018 χ^2 /NDF: 2999618.4/7

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

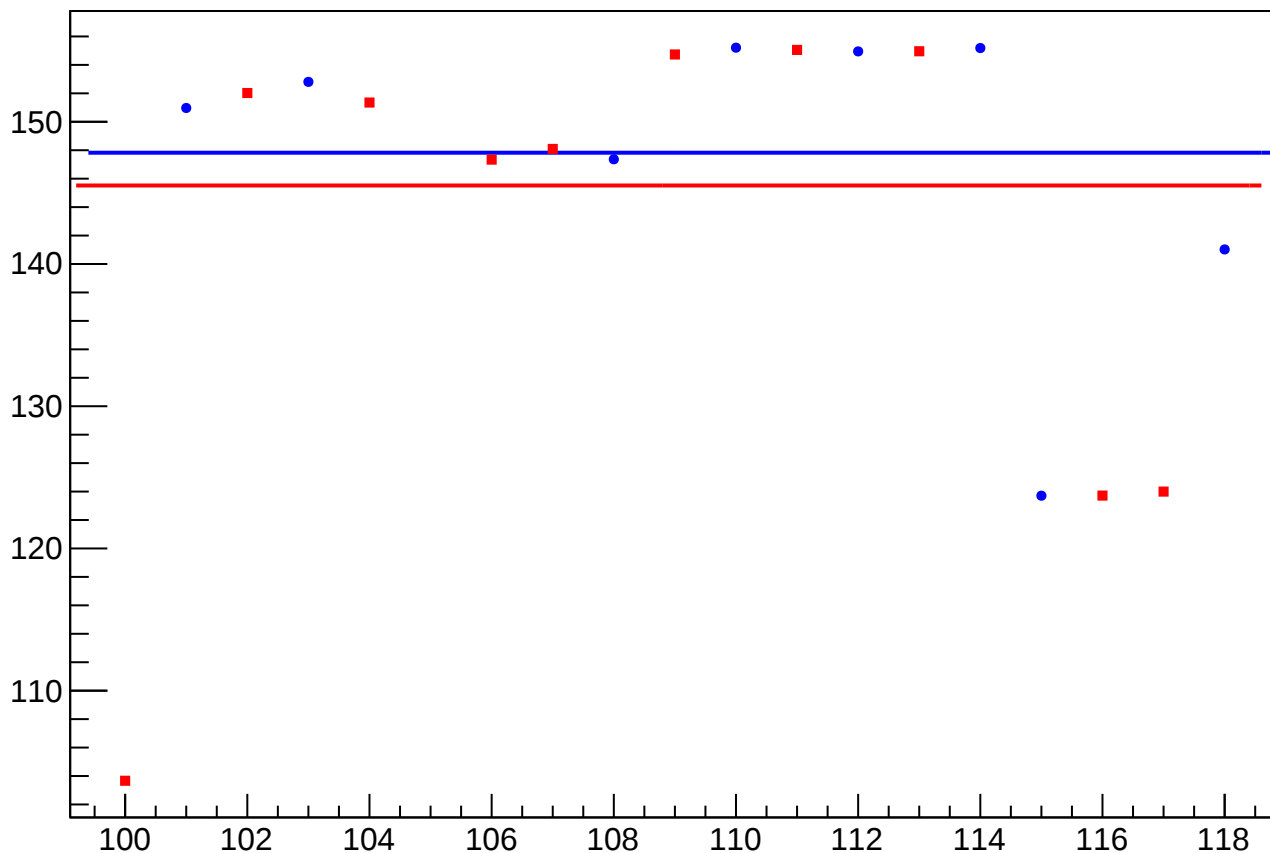
Right Out: 31.563 $\pm$ 0.018 χ^2 /NDF: 3447959.5/9

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

31.606 $\pm$ 0.018 χ^2 /NDF: 2999618.4/7

31.563 $\pm$ 0.018 χ^2 /NDF: 3447959.5/9

yield_bcm_an_ds_mean vs Slug



Right In: 147.826+/-0.000 χ^2/NDF : 1794792789.8/7

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

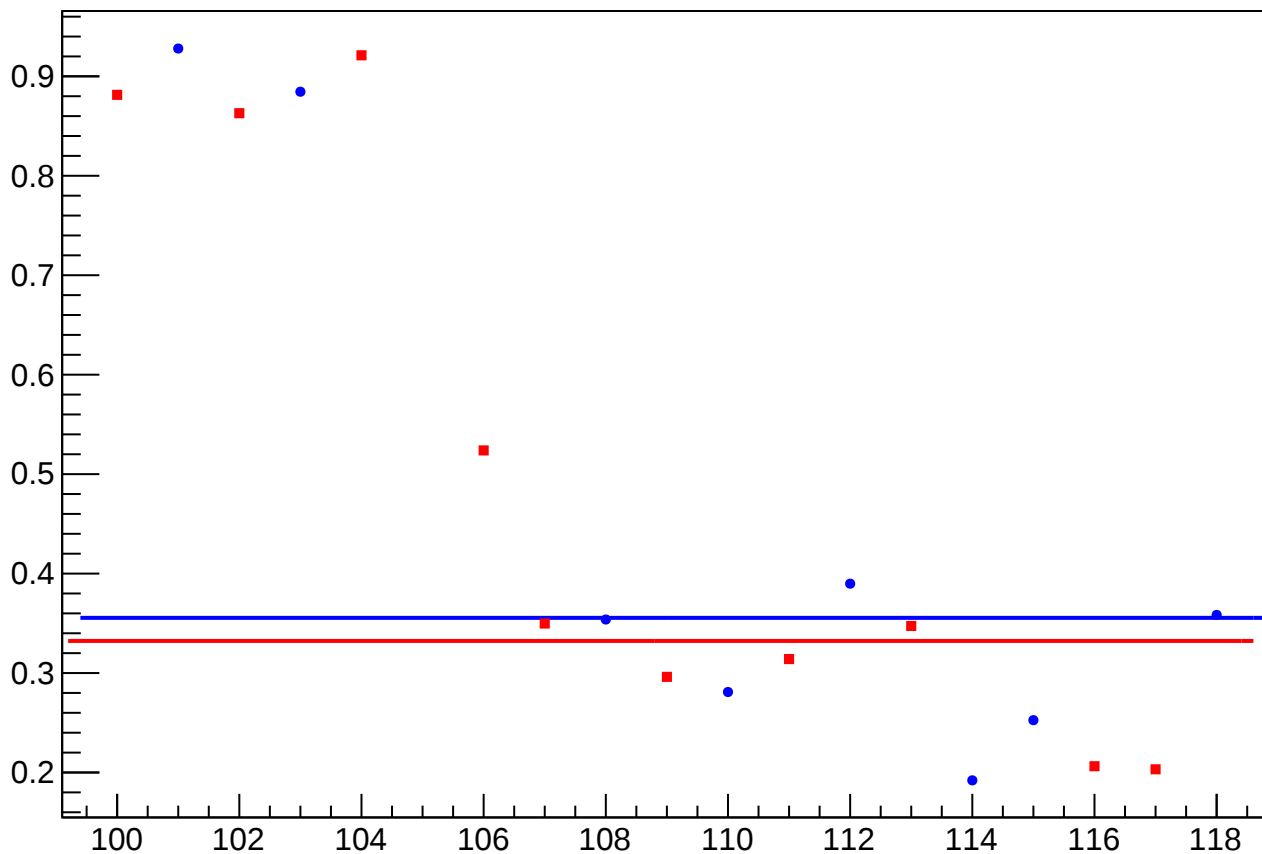
Right Out: 145.521+/-0.000 χ^2/NDF : 4221836857.0/9

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

147.826+/-0.000 χ^2/NDF : 1794792789.8/7

145.521+/-0.000 χ^2/NDF : 4221836857.0/9

yield_bcm_an_ds_rms vs Slug



Right In: 0.355+/-0.000 χ^2/NDF : 1053866.6/7

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

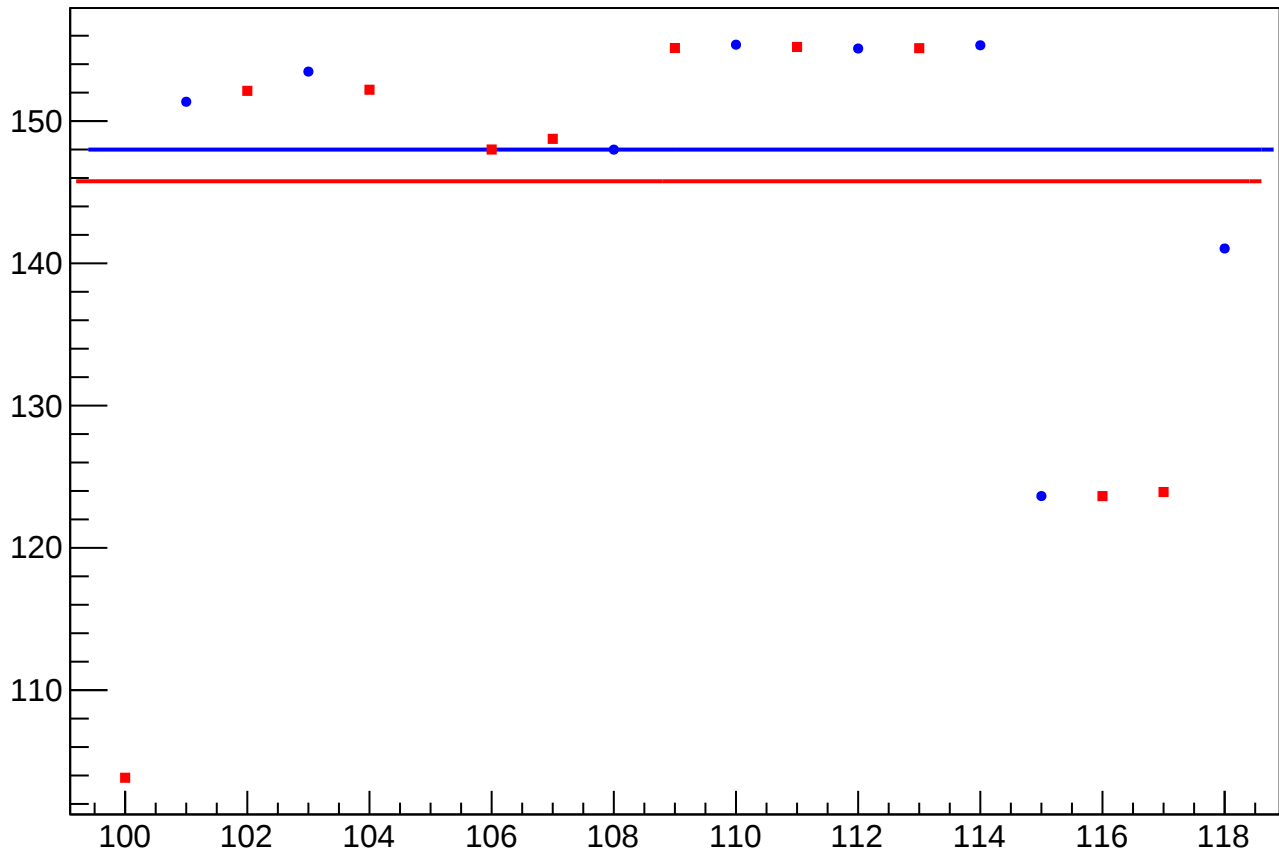
Right Out: 0.332+/-0.000 χ^2/NDF : 1124909.3/9

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

0.355+/-0.000 χ^2/NDF : 1053866.6/7

0.332+/-0.000 χ^2/NDF : 1124909.3/9

yield_bcm_an_ds3_mean vs Slug



Right In: 147.996+/-0.000 χ^2/NDF : 1802660569.7/7

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

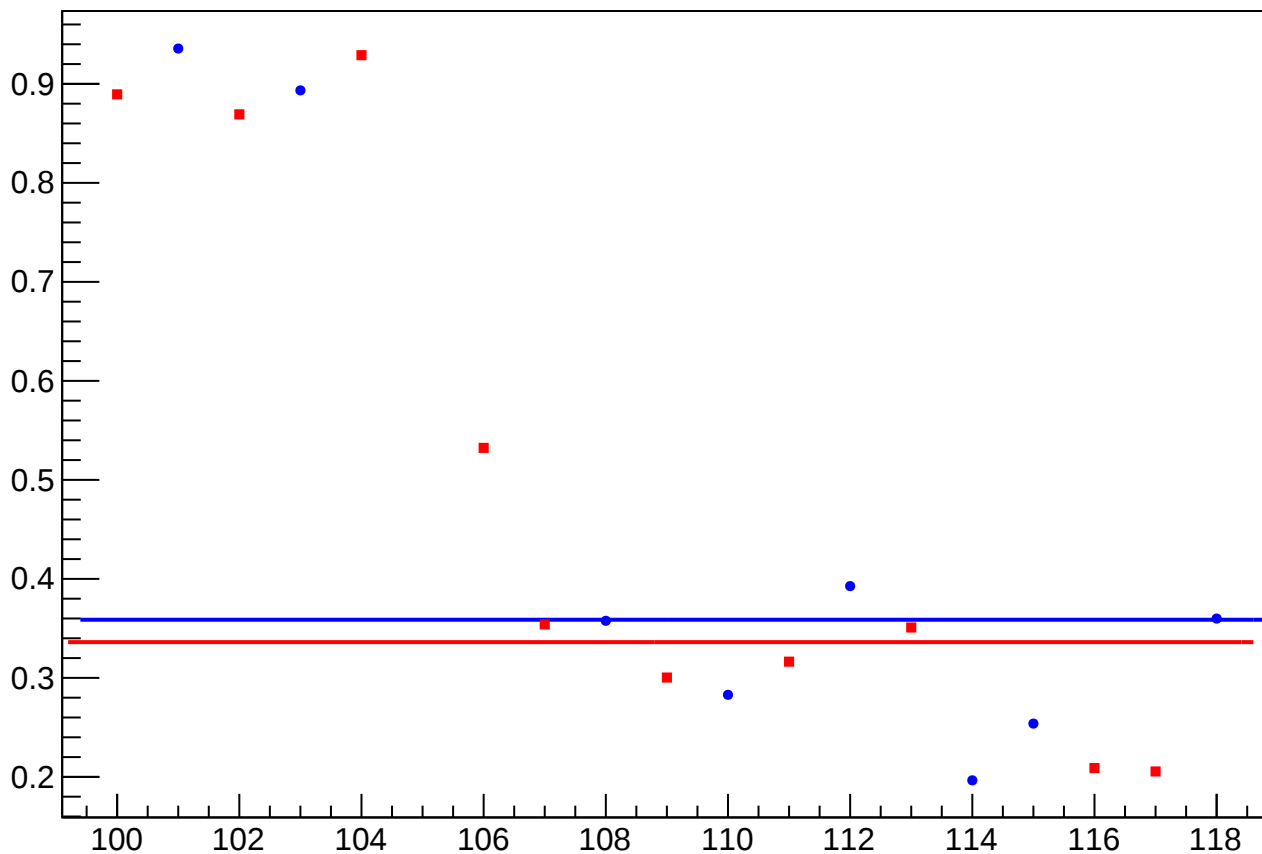
147.996+/-0.000 χ^2/NDF : 1802660569.7/7

Right Out: 145.769+/-0.000 χ^2/NDF : 4229074194.7/9

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

145.769+/-0.000 χ^2/NDF : 4229074194.7/9

yield_bcm_an_ds3_rms vs Slug



Right In: 0.359+/-0.000 χ^2/NDF : 1049420.2/7

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

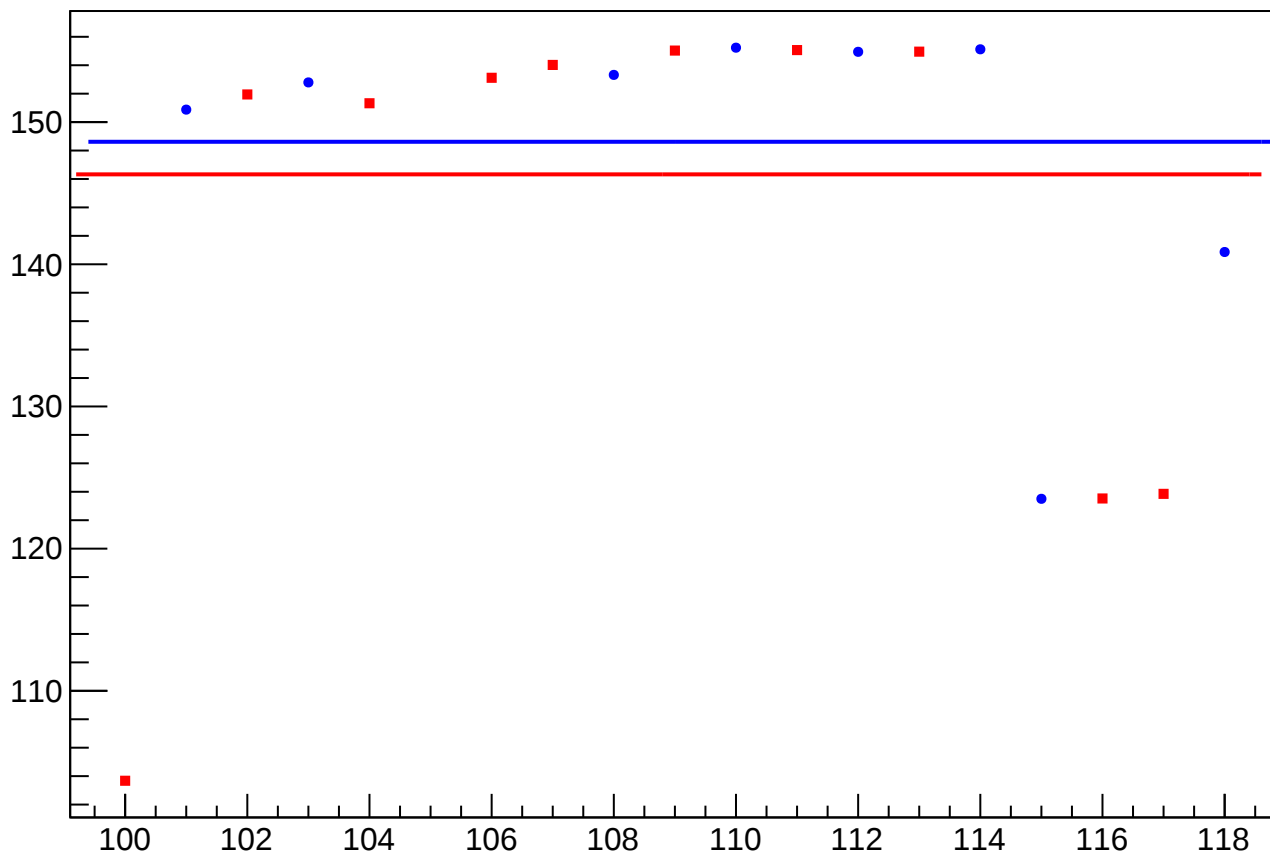
Right Out: 0.336+/-0.000 χ^2/NDF : 1121841.9/9

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

0.359+/-0.000 χ^2/NDF : 1049420.2/7

0.336+/-0.000 χ^2/NDF : 1121841.9/9

yield_bcm_an_us_mean vs Slug



Right In: 148.616+/-0.000 χ^2/NDF : 1881098632.8/7

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

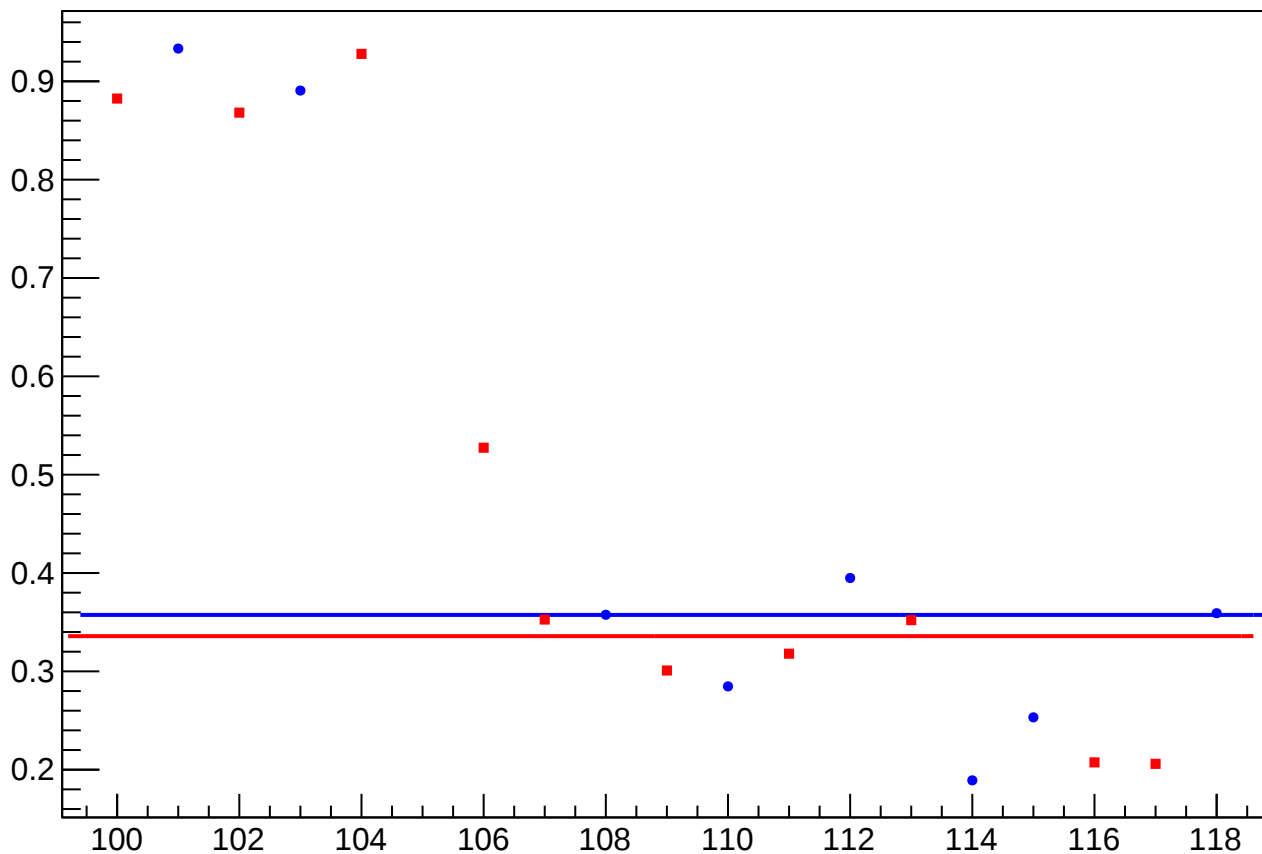
Right Out: 146.325+/-0.000 χ^2/NDF : 4447407925.0/9

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

148.616+/-0.000 χ^2/NDF : 1881098632.8/7

146.325+/-0.000 χ^2/NDF : 4447407925.0/9

yield_bcm_an_us_rms vs Slug



Right In: 0.357+/-0.000 χ^2/NDF : 1062976.3/7

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

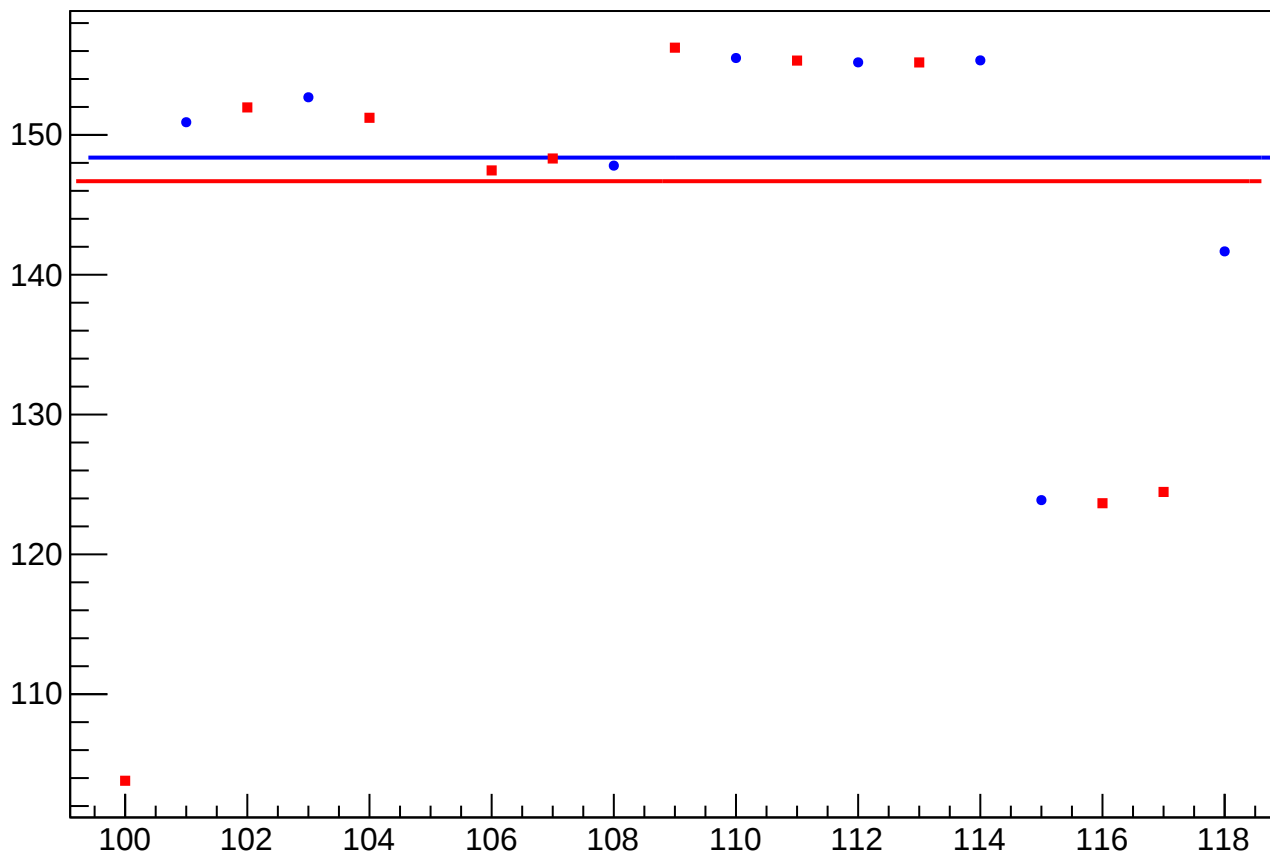
Right Out: 0.336+/-0.000 χ^2/NDF : 1123268.4/9

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

0.357+/-0.000 χ^2/NDF : 1062976.3/7

0.336+/-0.000 χ^2/NDF : 1123268.4/9

yield_bcm_dg_us_mean vs Slug



Right In: 148.378+/-0.000 χ^2/NDF : 1591737683.1/7

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

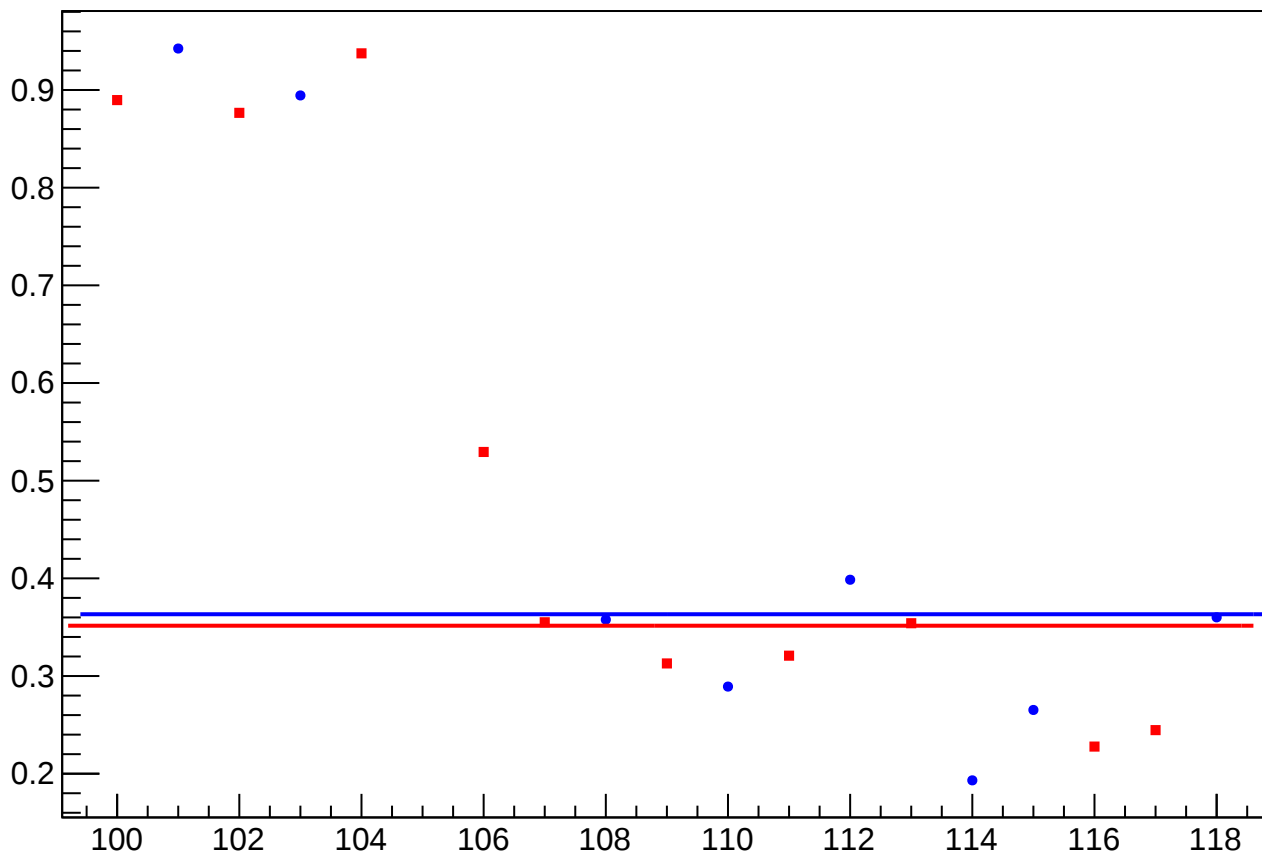
Right Out: 146.690+/-0.000 χ^2/NDF : 3759031026.4/9

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

148.378+/-0.000 χ^2/NDF : 1591737683.1/7

146.690+/-0.000 χ^2/NDF : 3759031026.4/9

yield_bcm_dg_us_rms vs Slug



Right In: 0.363+/-0.000 χ^2/NDF : 1040905.7/7

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

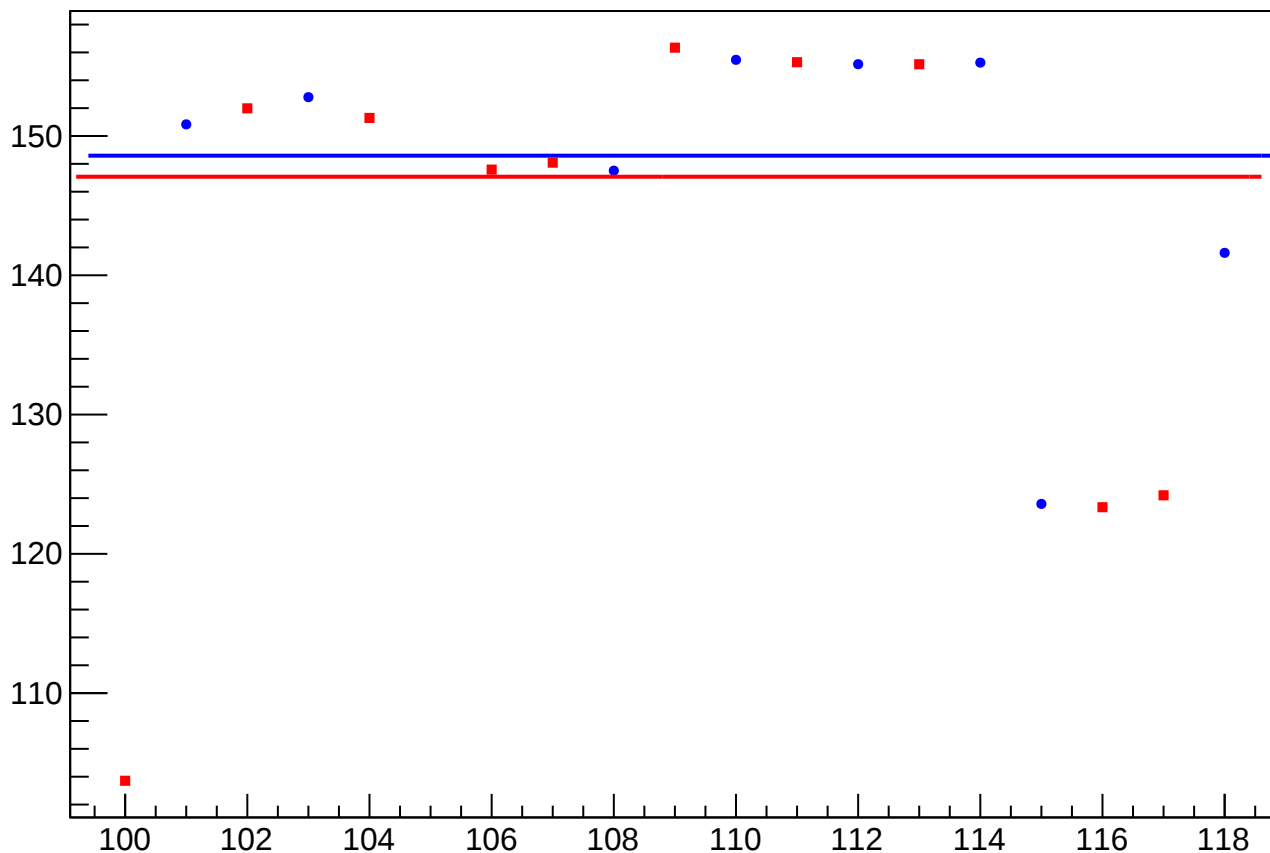
Right Out: 0.352+/-0.000 χ^2/NDF : 1028644.4/9

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

0.363+/-0.000 χ^2/NDF : 1040905.7/7

0.352+/-0.000 χ^2/NDF : 1028644.4/9

yield_bcm_dg_ds_mean vs Slug



Right In: 148.587+/-0.000 χ^2/NDF : 1597022198.7/7

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

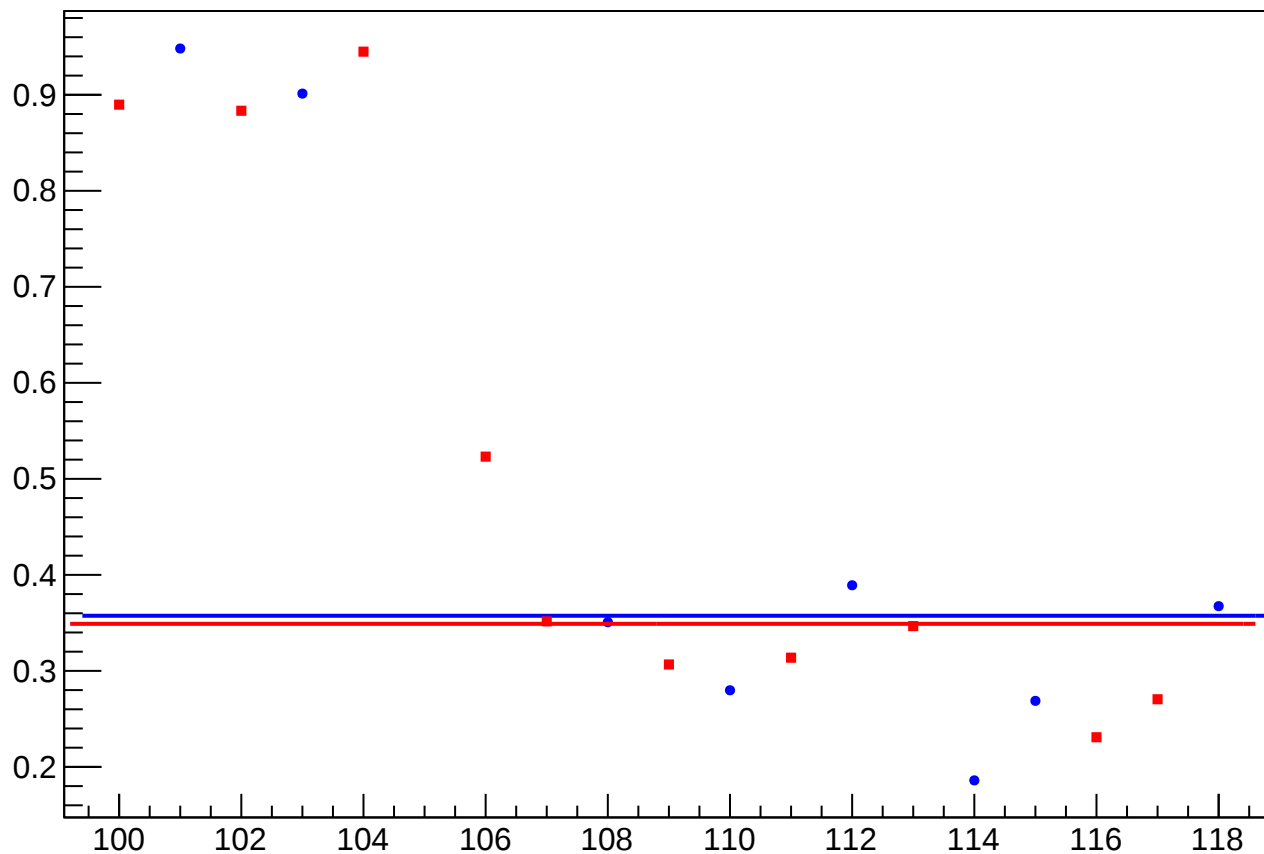
Right Out: 147.077+/-0.000 χ^2/NDF : 3739891521.5/9

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

148.587+/-0.000 χ^2/NDF : 1597022198.7/7

147.077+/-0.000 χ^2/NDF : 3739891521.5/9

yield_bcm_dg_ds_rms vs Slug



Right In: 0.357+/-0.000 χ^2/NDF : 1076333.5/7

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

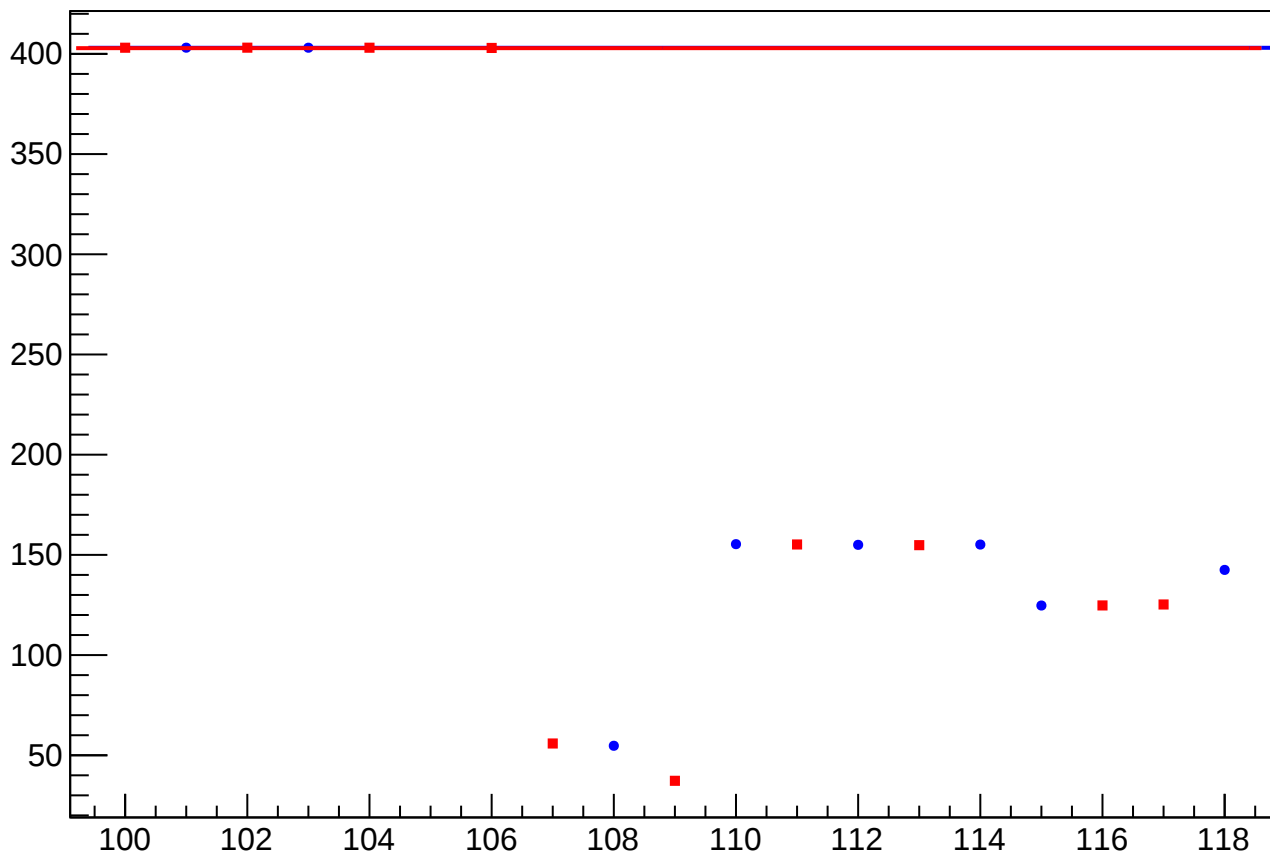
Right Out: 0.349+/-0.000 χ^2/NDF : 1025326.8/9

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

0.357+/-0.000 χ^2/NDF : 1076333.5/7

0.349+/-0.000 χ^2/NDF : 1025326.8/9

yield_cav4bQ_mean vs Slug



Right In: 403.040 $\pm$ 0.000 χ^2 /NDF: 434352389601.9/7

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

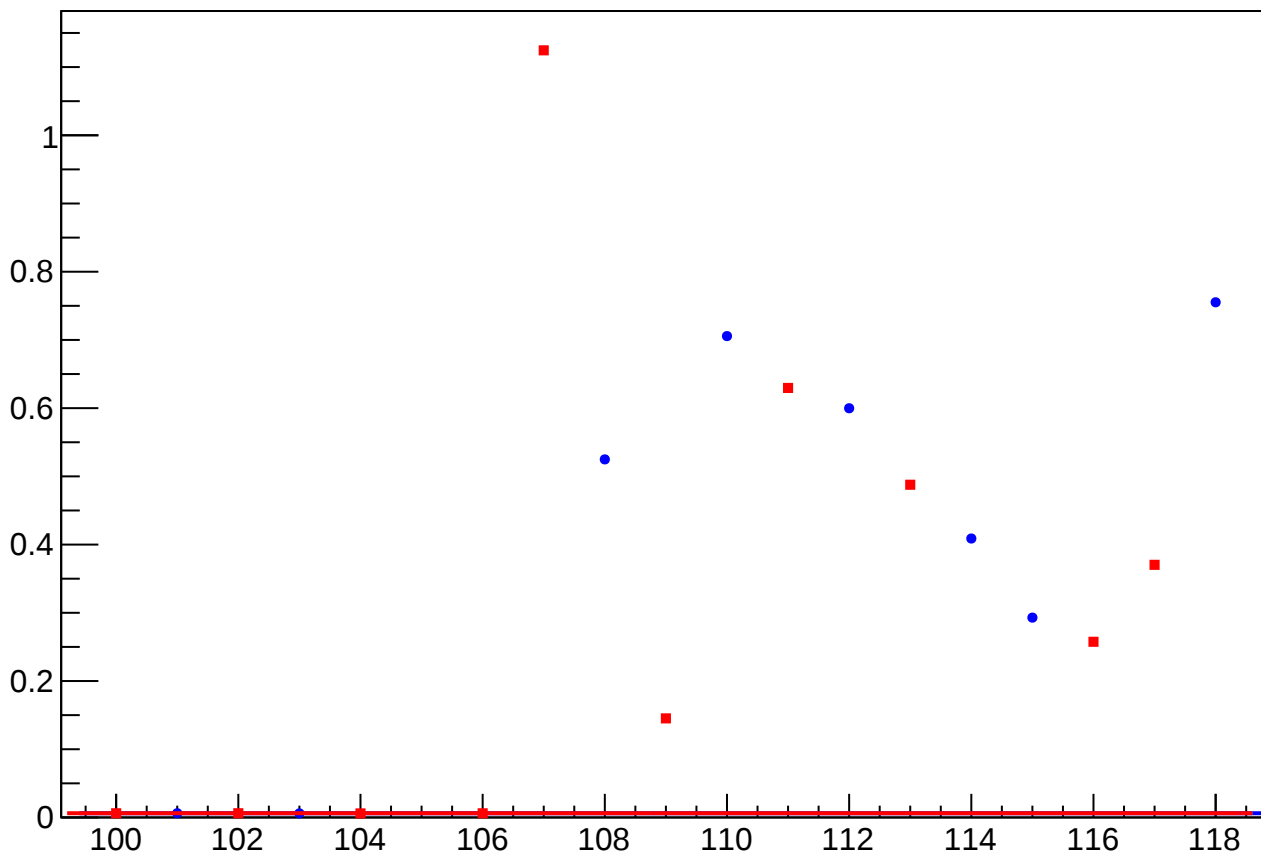
403.040 $\pm$ 0.000 χ^2 /NDF: 434352389601.9/7

Right Out: 402.859 $\pm$ 0.000 χ^2 /NDF: 2550436057640.6/9

402.859 $\pm$ 0.000 χ^2 /NDF: 2550436057640.6/9

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

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 3183775.2/7

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

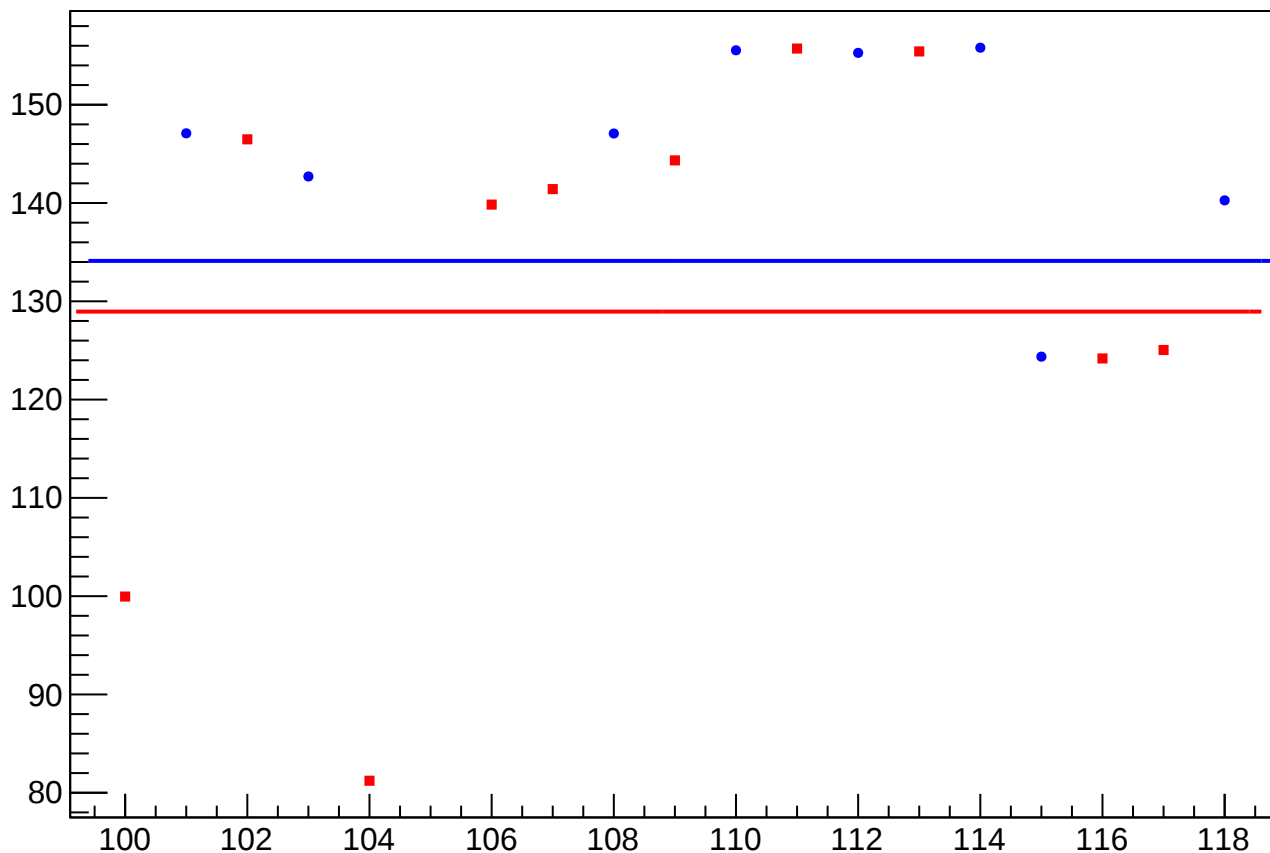
Right Out: 0.006+/-0.000 χ^2/NDF : 3193325.2/9

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

0.006+/-0.000 χ^2/NDF : 3183775.2/7

0.006+/-0.000 χ^2/NDF : 3193325.2/9

yield_cav4cQ_mean vs Slug



Right In: 134.111 $\pm$ 0.001 χ^2 /NDF: 427886244.0/7

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

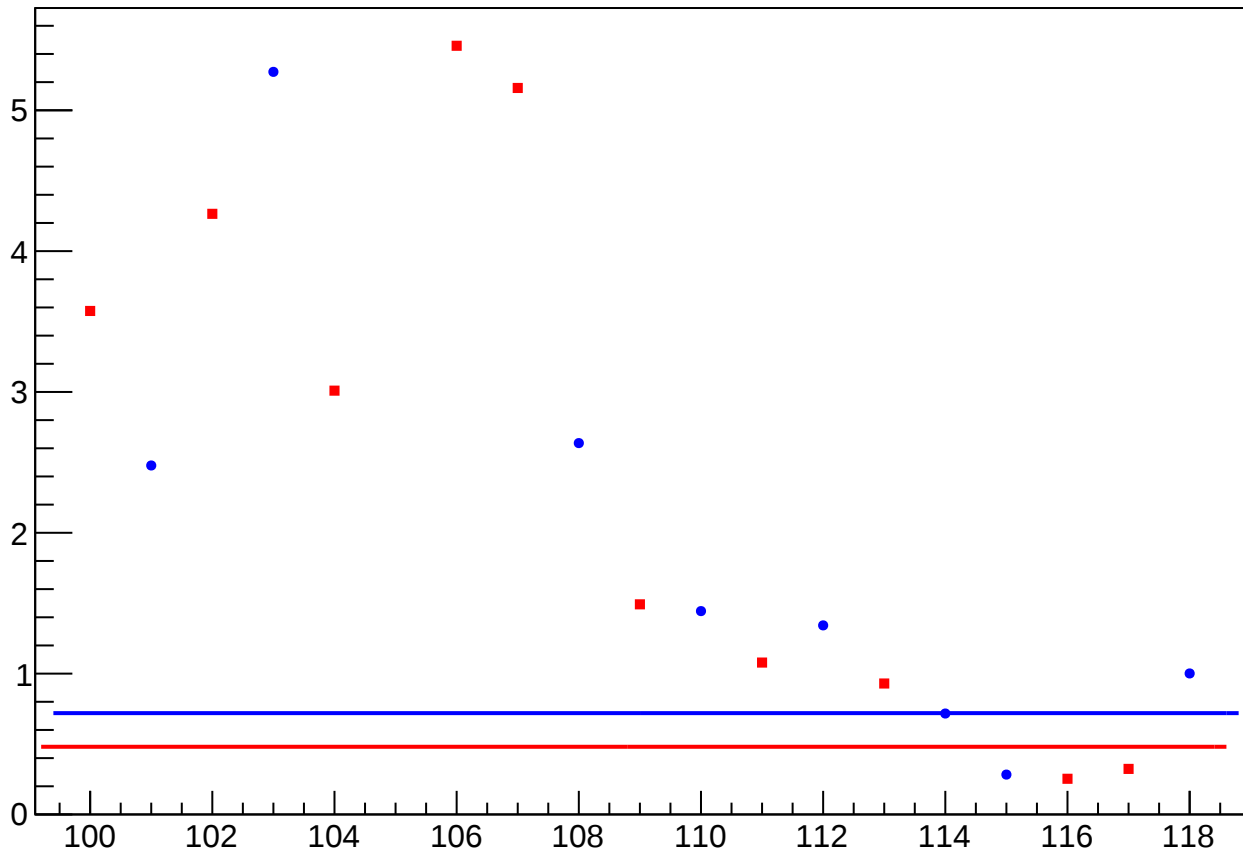
Right Out: 128.954 $\pm$ 0.000 χ^2 /NDF: 720718061.8/9

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

134.111 $\pm$ 0.001 χ^2 /NDF: 427886244.0/7

128.954 $\pm$ 0.000 χ^2 /NDF: 720718061.8/9

yield_cav4cQ_rms vs Slug



Right In: 0.719+/-0.000 χ^2/NDF : 2675195.0/7

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

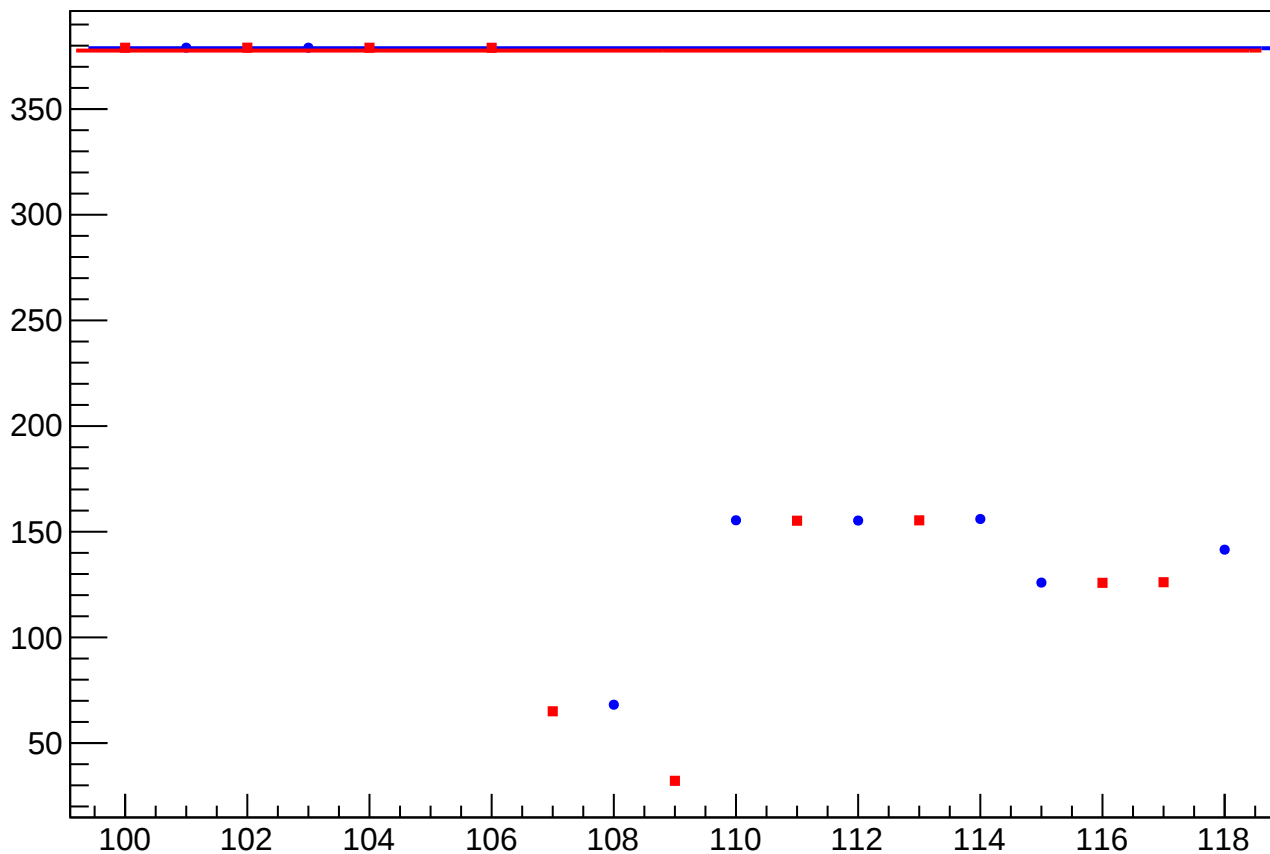
Right Out: 0.481+/-0.000 χ^2/NDF : 3650739.1/9

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

0.719+/-0.000 χ^2/NDF : 2675195.0/7

0.481+/-0.000 χ^2/NDF : 3650739.1/9

yield_cav4dQ_mean vs Slug



Right In: 378.790 $\pm$ 0.000 χ^2 /NDF: 915458060569.2/7

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

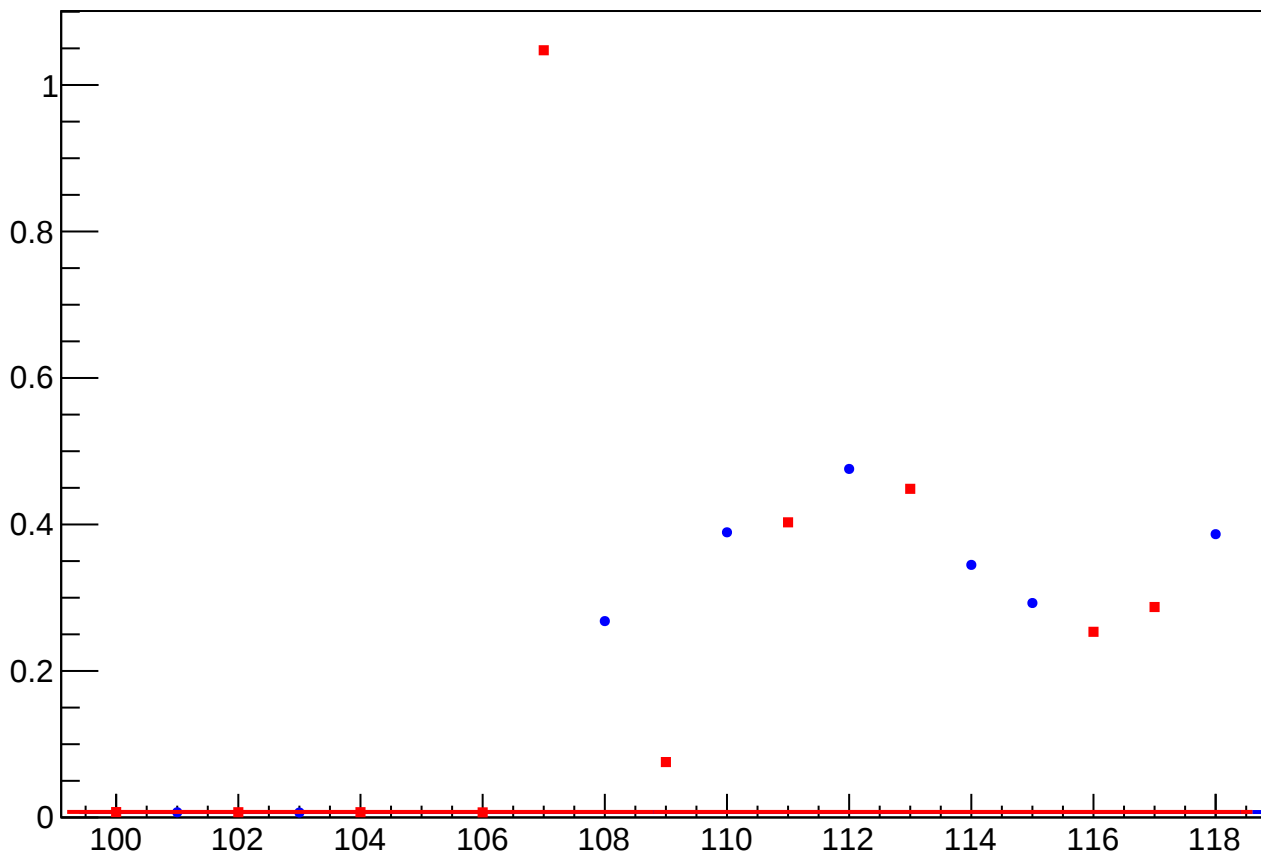
Right Out: 377.689 $\pm$ 0.000 χ^2 /NDF: 6862456996611.6/9

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

378.790 $\pm$ 0.000 χ^2 /NDF: 915458060569.2/7

377.689 $\pm$ 0.000 χ^2 /NDF: 6862456996611.6/9

yield_cav4dQ_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 3340488.8/7

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

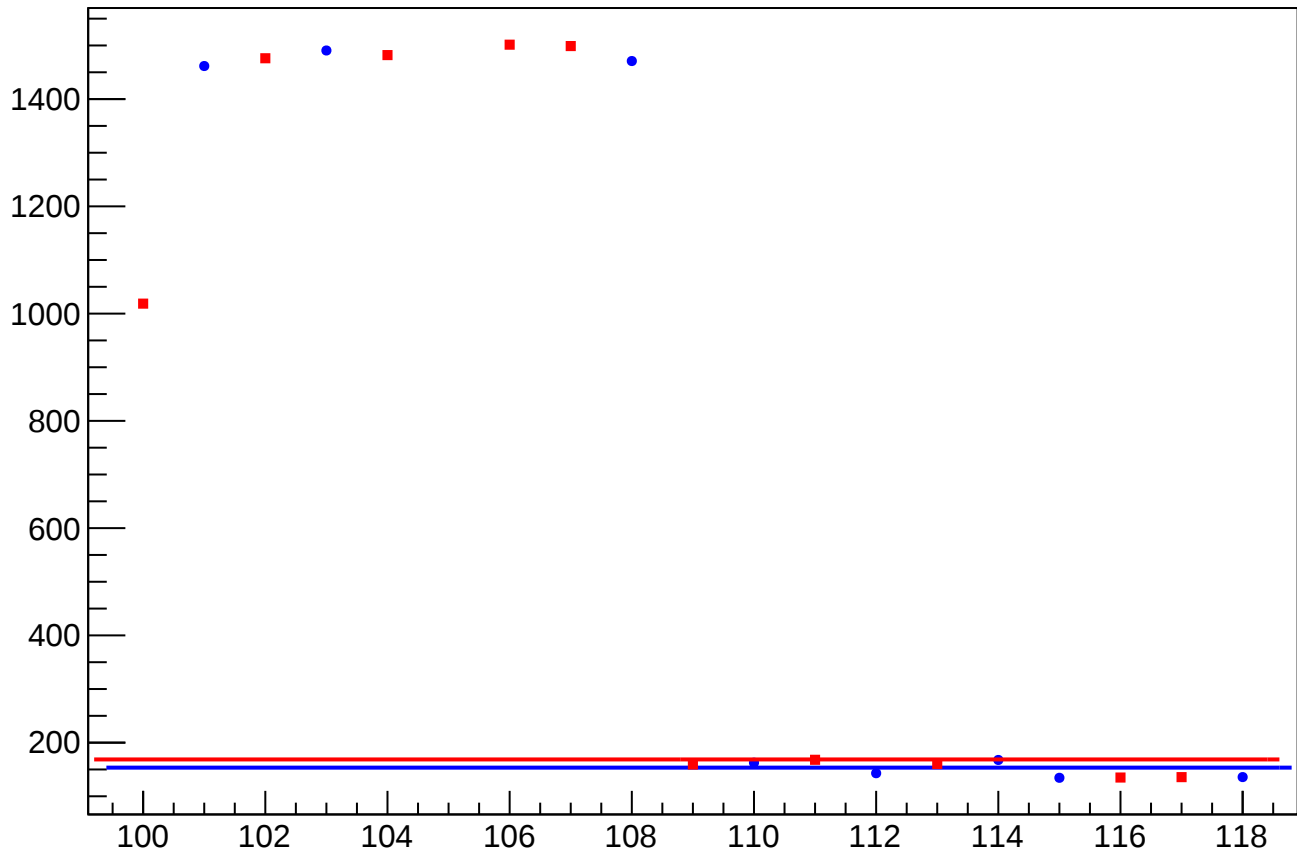
Right Out: 0.008+/-0.000 χ^2/NDF : 3124439.8/9

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

0.007+/-0.000 χ^2/NDF : 3340488.8/7

0.008+/-0.000 χ^2/NDF : 3124439.8/9

yield_bcm0l02_mean vs Slug



Right In: 153.413 $\pm$ 0.001 χ^2 /NDF: 24057320166.8/7

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

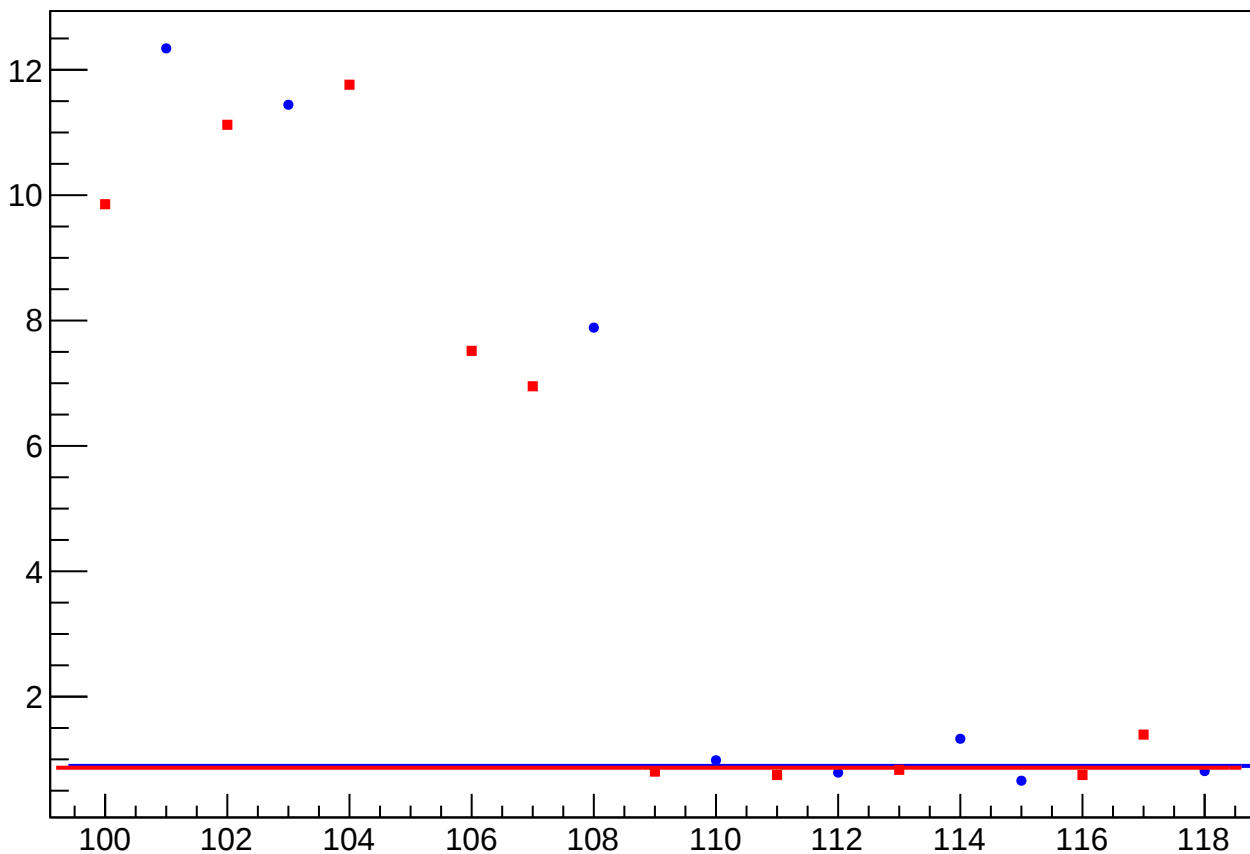
Right Out: 168.695 $\pm$ 0.001 χ^2 /NDF: 32730422605.9/9

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

153.413 $\pm$ 0.001 χ^2 /NDF: 24057320166.8/7

168.695 $\pm$ 0.001 χ^2 /NDF: 32730422605.9/9

yield_bcm0l02_rms vs Slug



Right In: 0.896+/-0.001 χ^2/NDF : 2526864.0/7

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

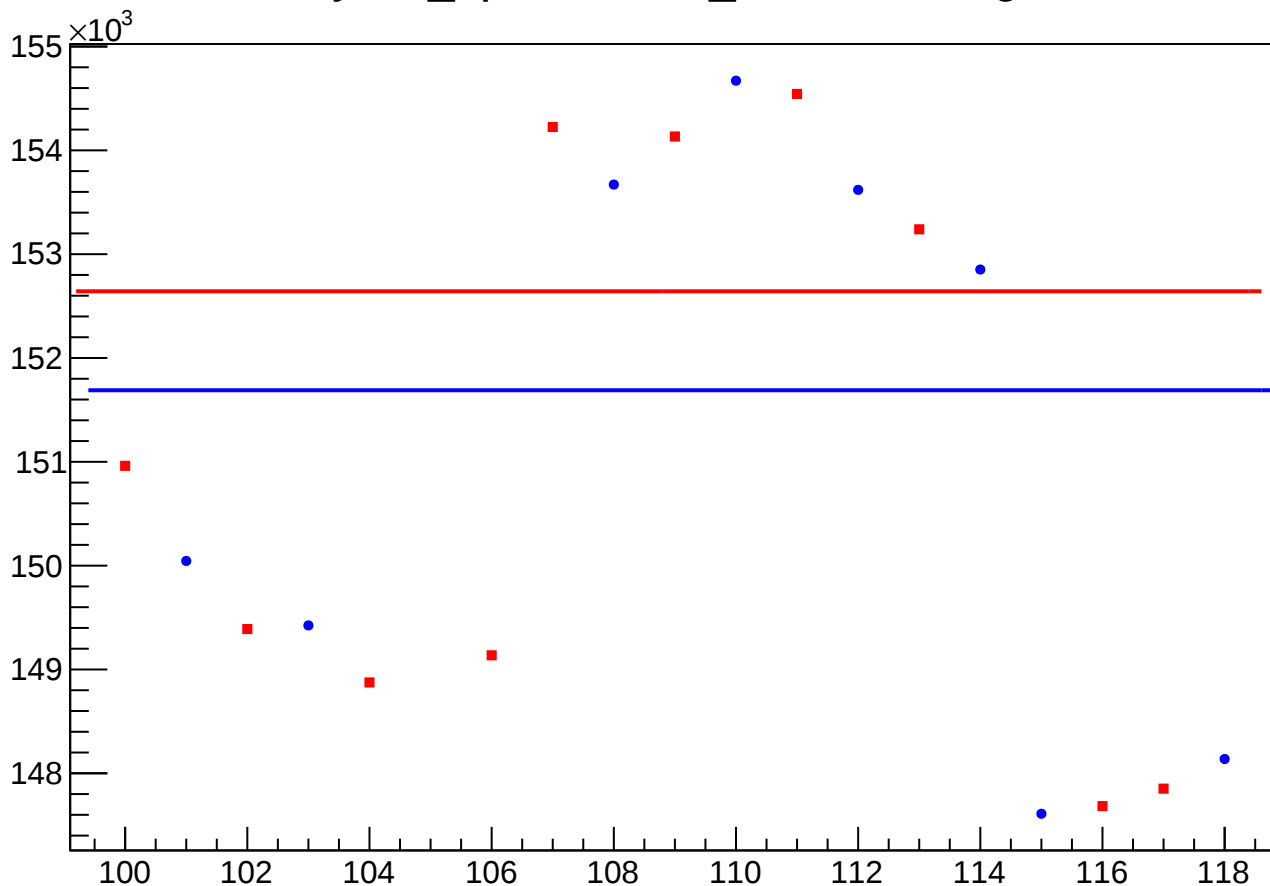
Right Out: 0.866+/-0.000 χ^2/NDF : 2677795.8/9

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

0.896+/-0.001 χ^2/NDF : 2526864.0/7

0.866+/-0.000 χ^2/NDF : 2677795.8/9

yield_bpm0i01WS_mean vs Slug



Right In: 151689.379 $\pm$ 0.090 χ^2 /NDF: 961170298.4/7

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

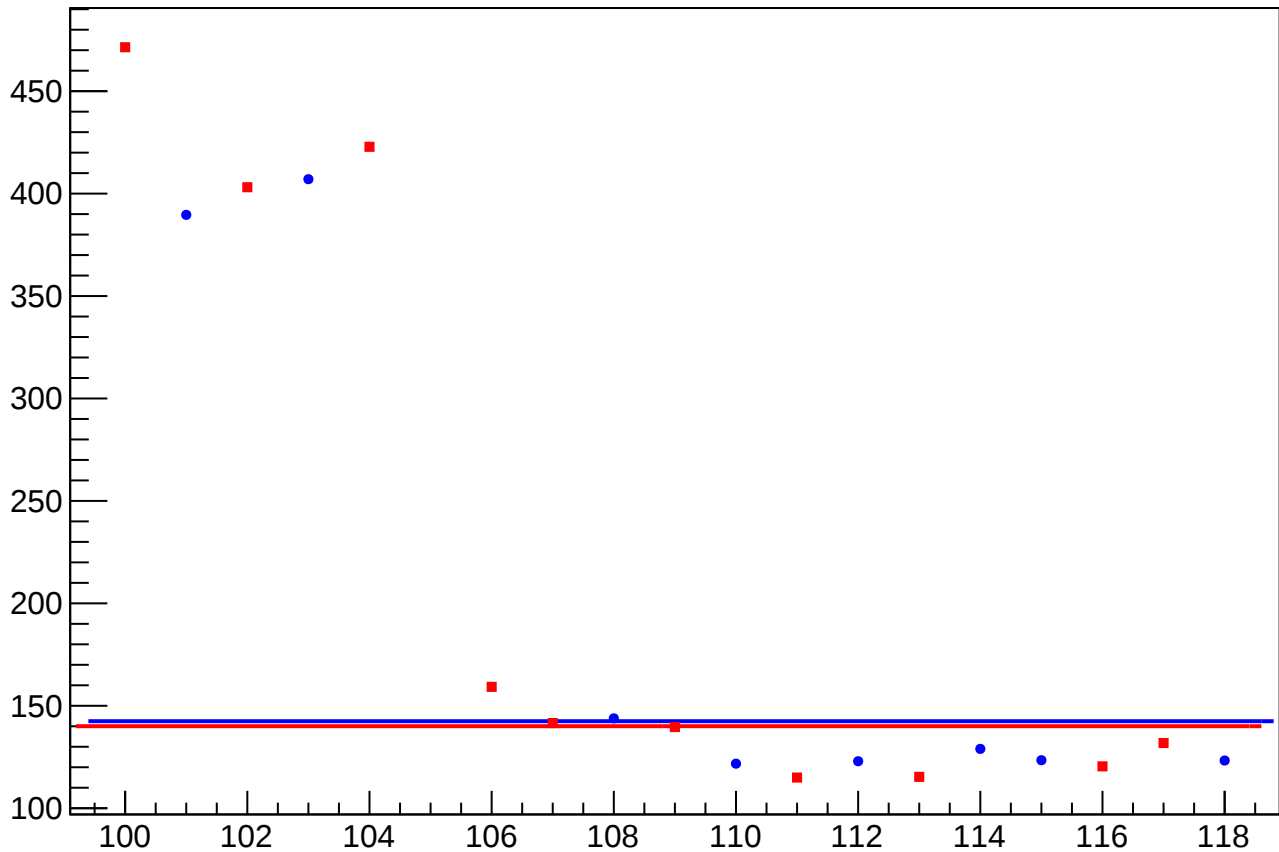
151689.379 $\pm$ 0.090 χ^2 /NDF: 961170298.4/7

Right Out: 152642.518 $\pm$ 0.085 χ^2 /NDF: 858038453.2/9

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

152642.518 $\pm$ 0.085 χ^2 /NDF: 858038453.2/9

yield_bpm0i01WS_rms vs Slug



Right In: 142.476+/-0.064 χ^2/NDF : 1023321.4/7

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

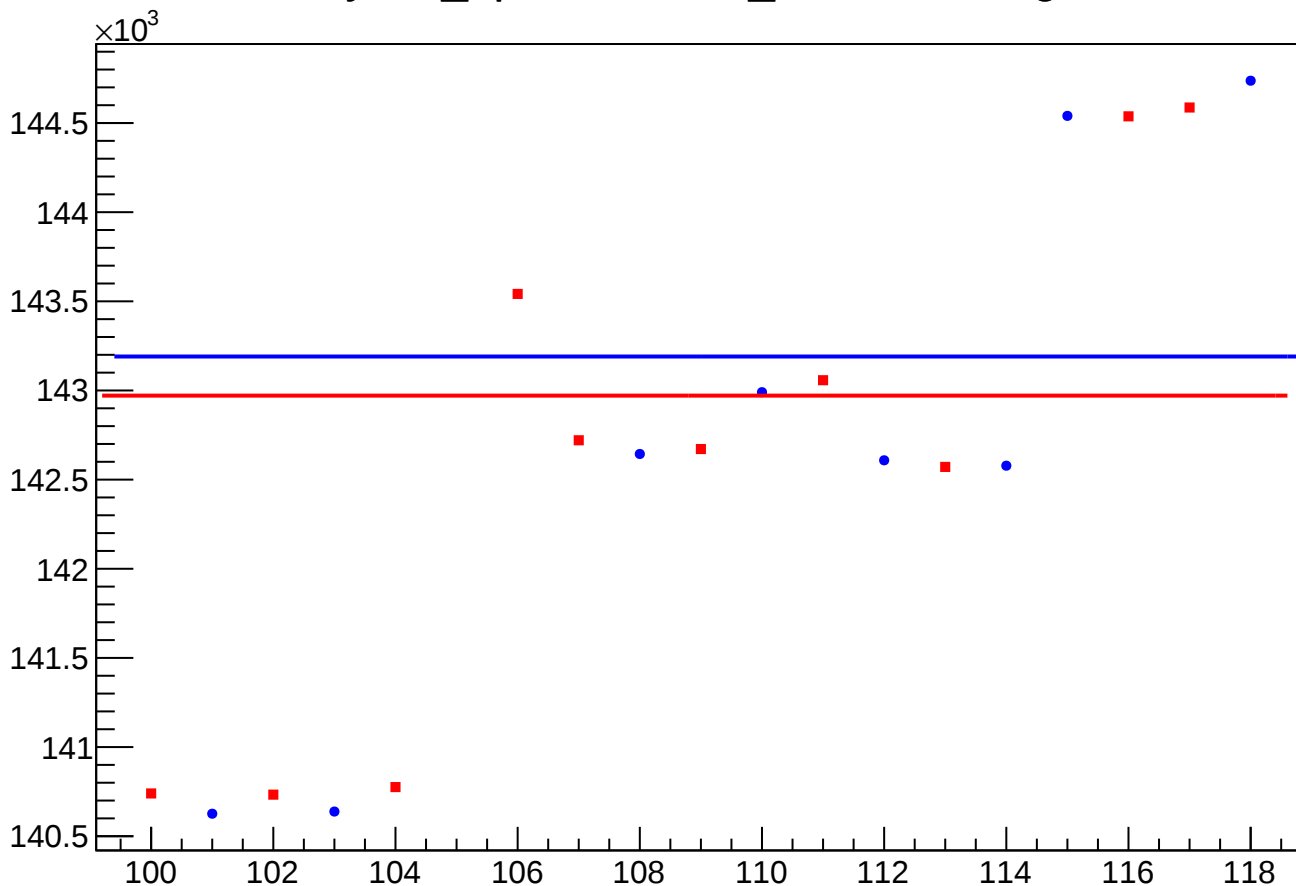
142.476+/-0.064 χ^2/NDF : 1023321.4/7

Right Out: 140.030+/-0.060 χ^2/NDF : 1071980.7/9

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

140.030+/-0.060 χ^2/NDF : 1071980.7/9

yield_bpm0i01aWS_mean vs Slug



Right In: 143190.496 $\pm$ 0.072 χ^2 /NDF: 209443987.9/7

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

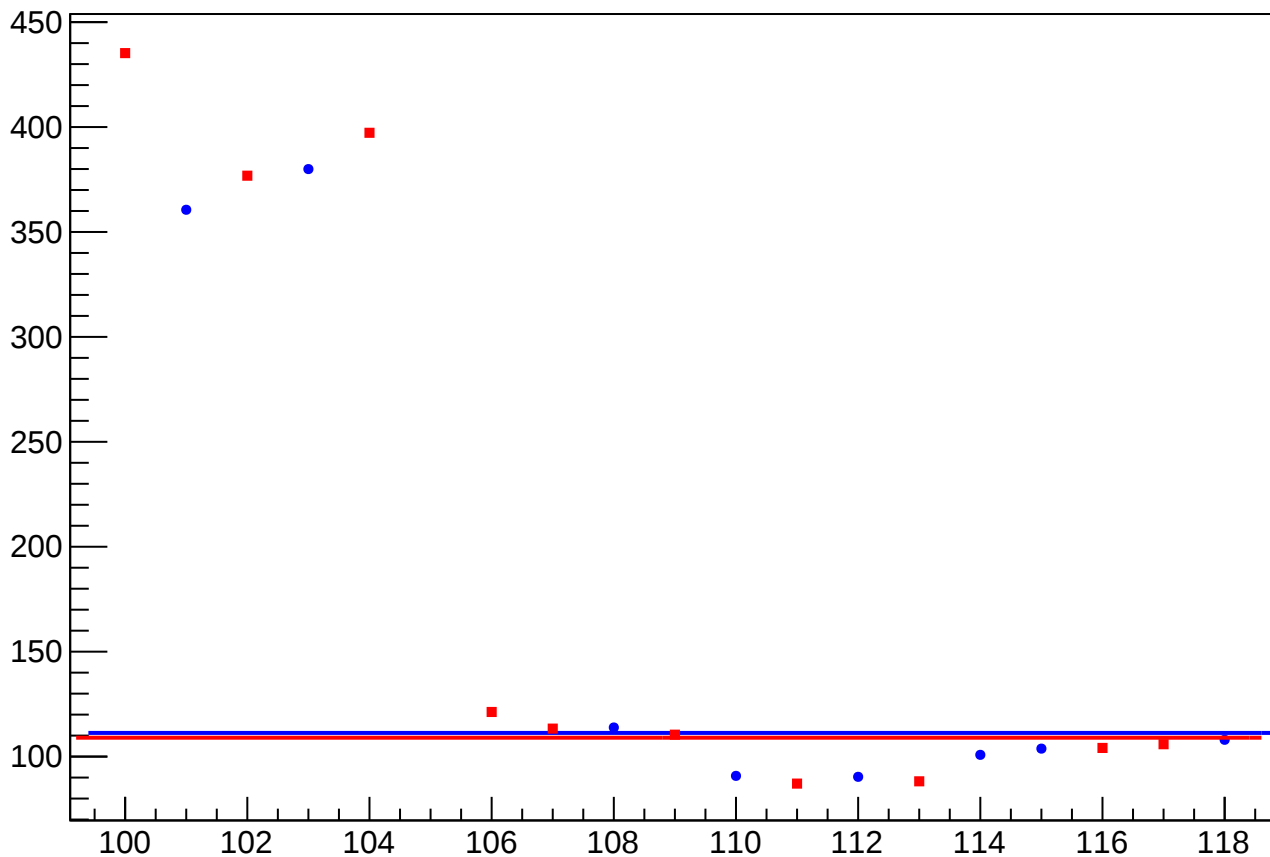
143190.496 $\pm$ 0.072 χ^2 /NDF: 209443987.9/7

Right Out: 142971.177 $\pm$ 0.066 χ^2 /NDF: 122031126.5/9

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

142971.177 $\pm$ 0.066 χ^2 /NDF: 122031126.5/9

yield_bpm0i01aWS_rms vs Slug



Right In: 111.281+/-0.051 χ^2/NDF : 1210791.2/7

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

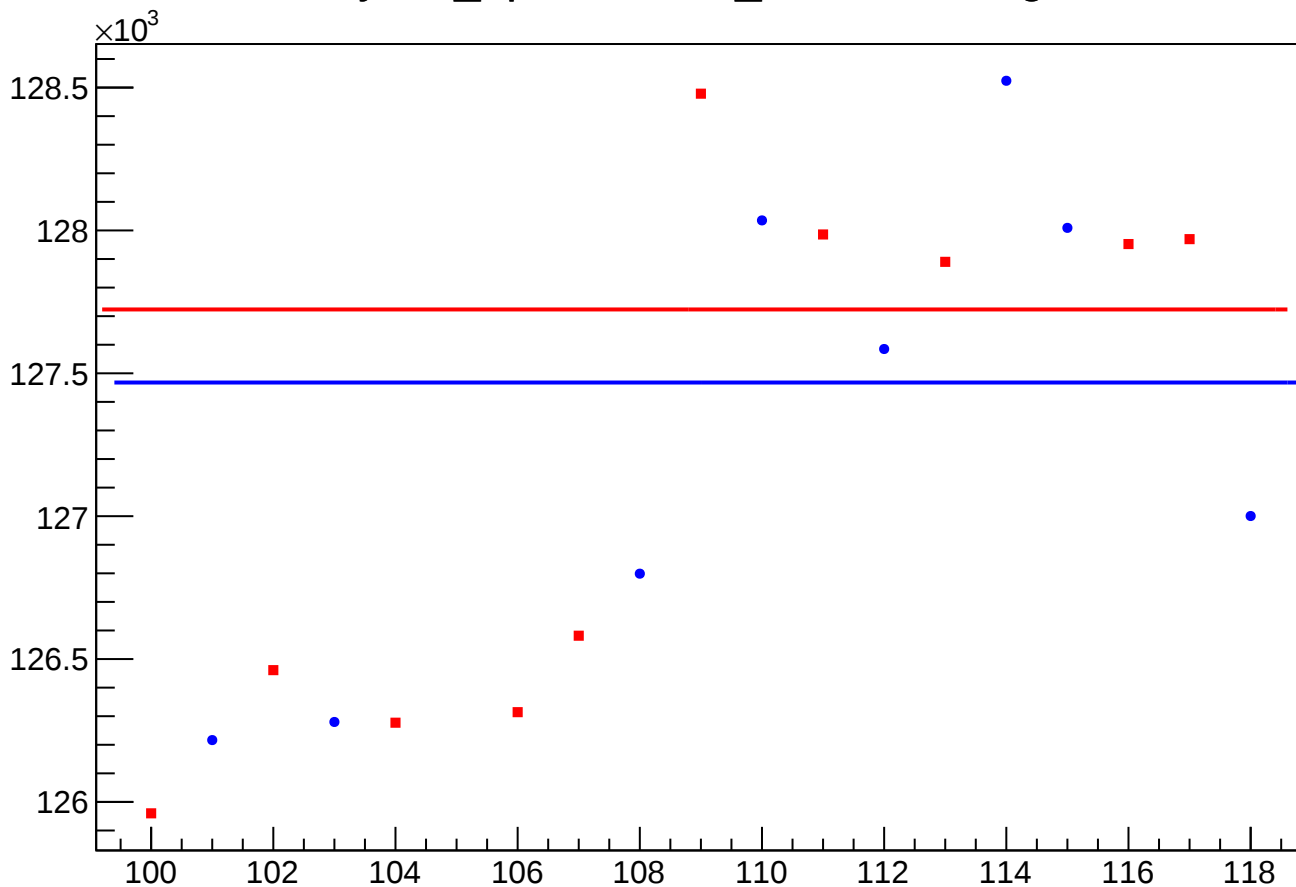
Right Out: 109.001+/-0.047 χ^2/NDF : 1256370.0/9

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

111.281+/-0.051 χ^2/NDF : 1210791.2/7

109.001+/-0.047 χ^2/NDF : 1256370.0/9

yield_bpm0l01WS_mean vs Slug



Right In: 127467.777 $\pm$ 0.089 χ^2 /NDF: 54764850.8/7

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

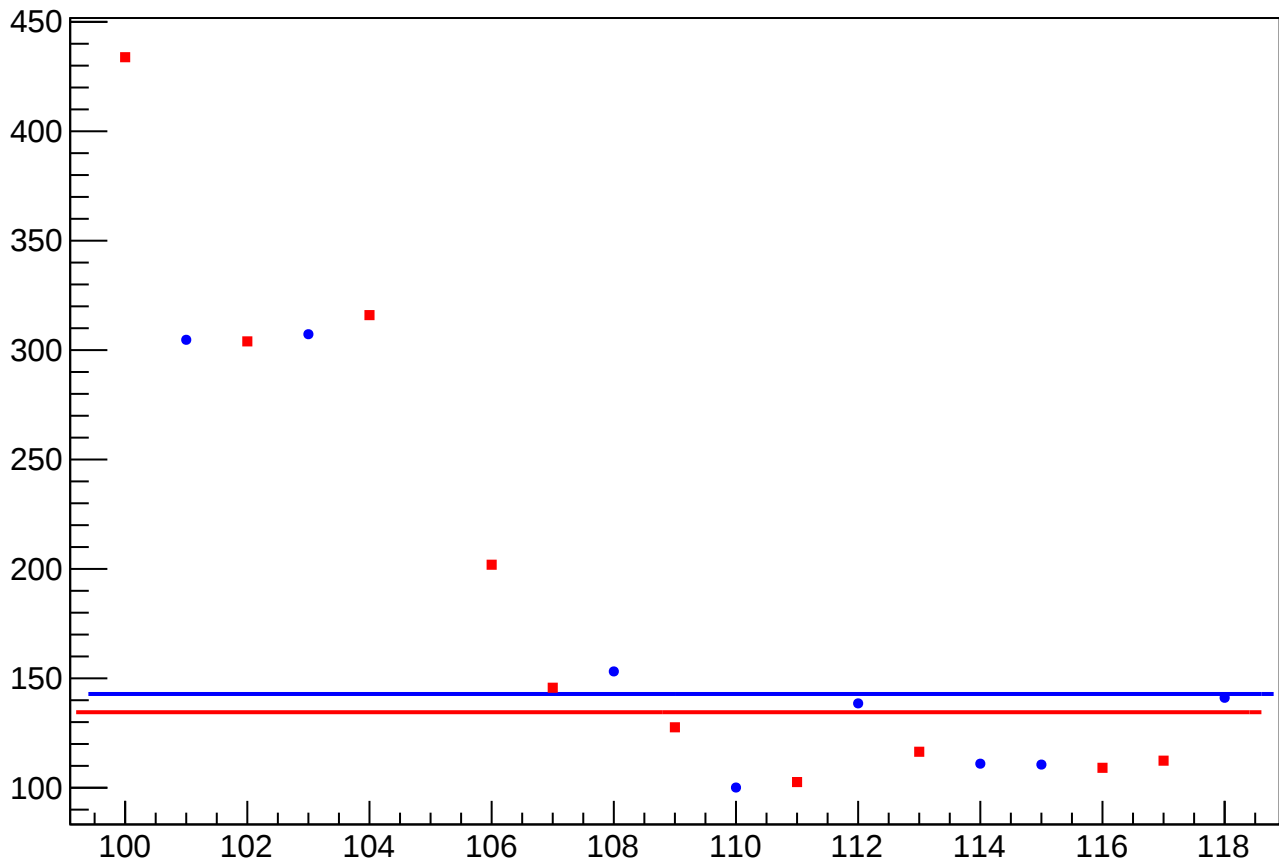
127467.777 $\pm$ 0.089 χ^2 /NDF: 54764850.8/7

Right Out: 127723.469 $\pm$ 0.080 χ^2 /NDF: 76706029.5/9

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

127723.469 $\pm$ 0.080 χ^2 /NDF: 76706029.5/9

yield_bpm0l01WS_rms vs Slug



Right In: 142.852 $\pm$ 0.063 χ^2 /NDF: 820113.0/7

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

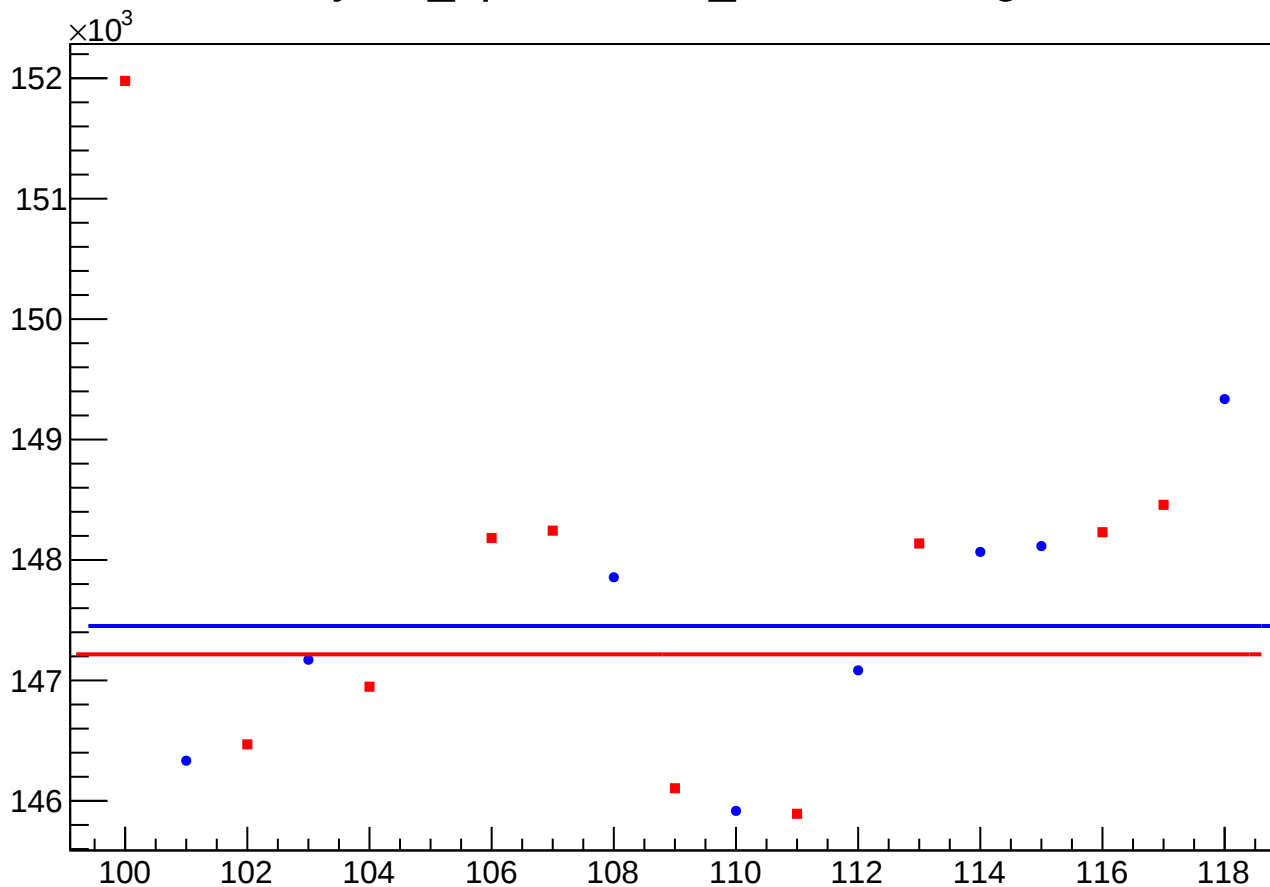
142.852 $\pm$ 0.063 χ^2 /NDF: 820113.0/7

Right Out: 134.520 $\pm$ 0.056 χ^2 /NDF: 924410.1/9

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

134.520 $\pm$ 0.056 χ^2 /NDF: 924410.1/9

yield_bpm0l02WS_mean vs Slug



Right In: 147451.948 $\pm$ 0.137 χ^2 /NDF: 52803805.1/7

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

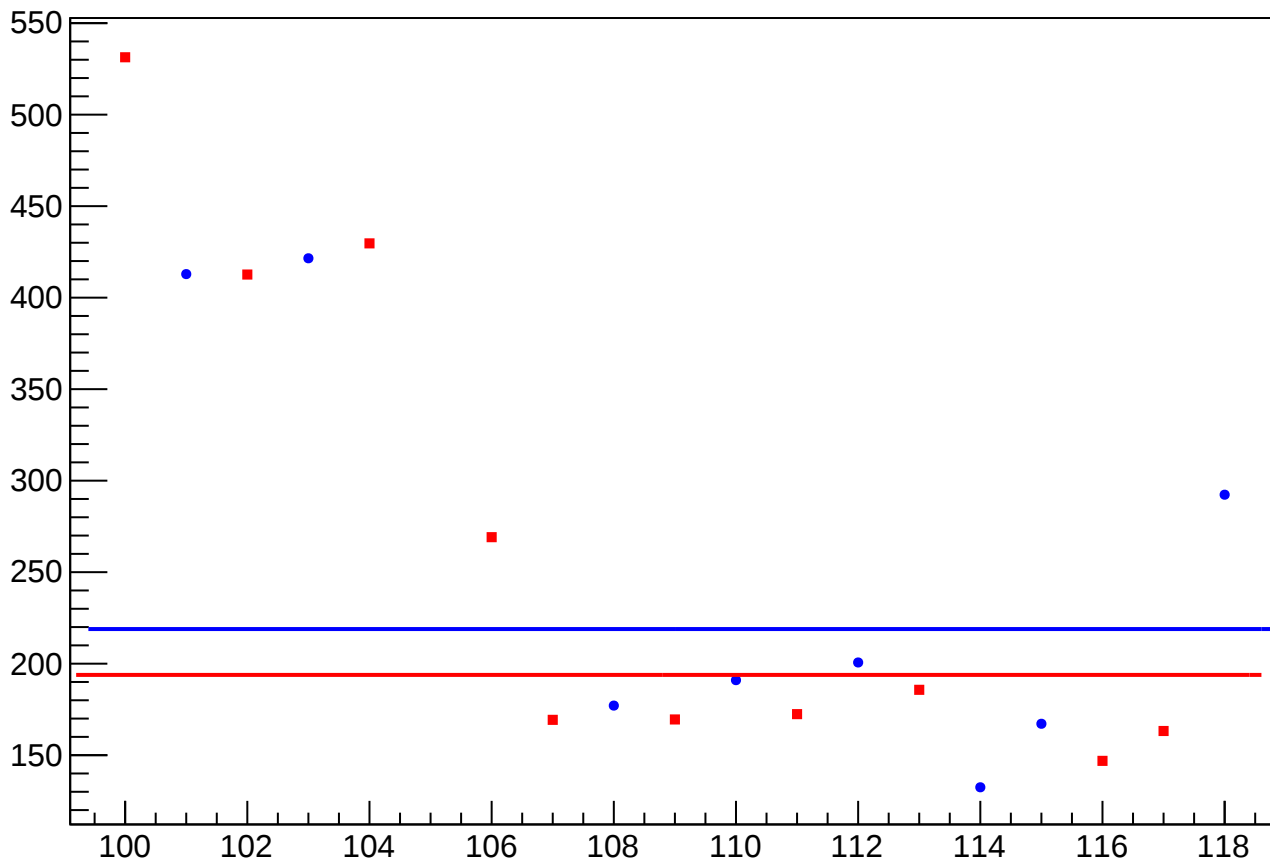
147451.948 $\pm$ 0.137 χ^2 /NDF: 52803805.1/7

Right Out: 147216.634 $\pm$ 0.115 χ^2 /NDF: 91860566.3/9

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

147216.634 $\pm$ 0.115 χ^2 /NDF: 91860566.3/9

yield_bpm0l02WS_rms vs Slug



Right In: 218.920 $\pm$ 0.097 χ^2 /NDF: 762317.2/7

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

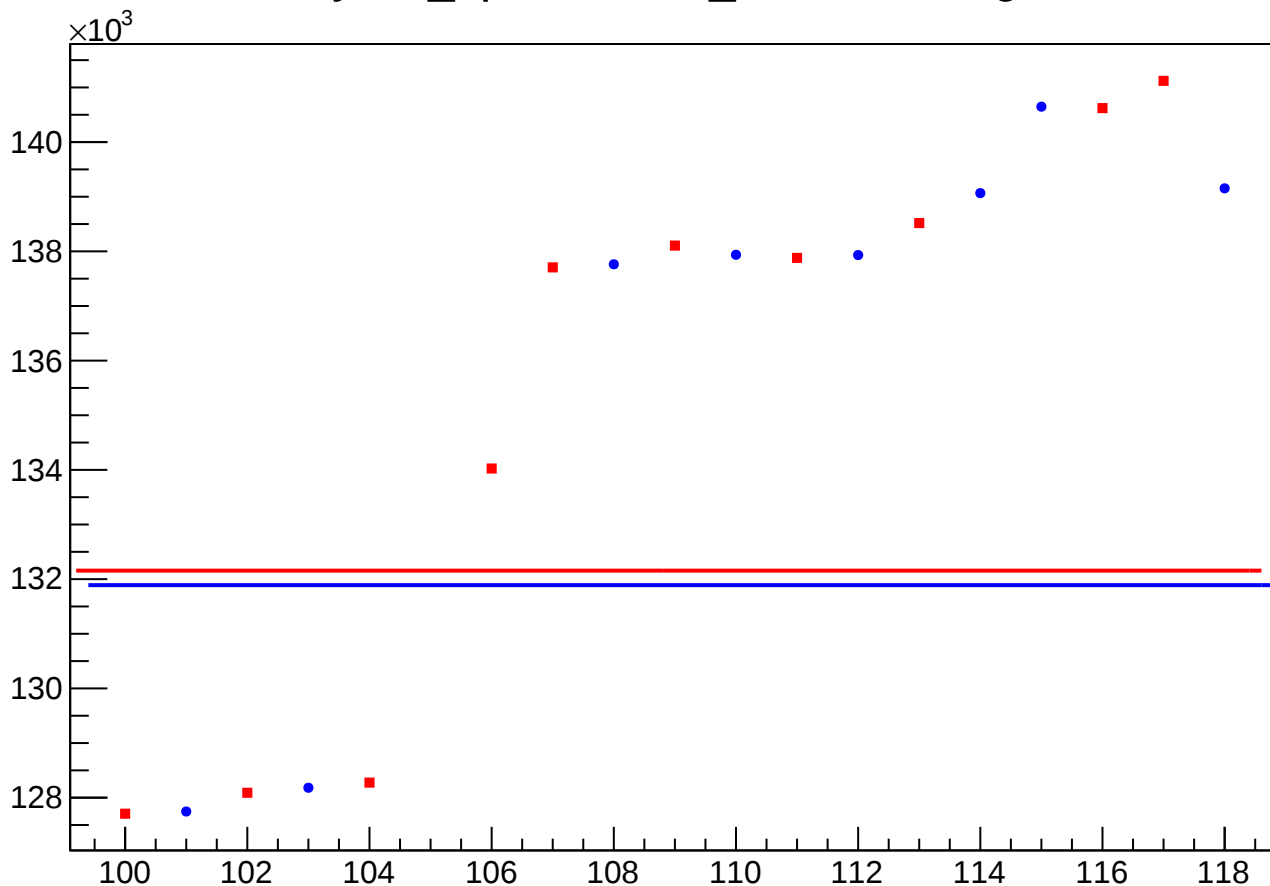
Right Out: 193.862 $\pm$ 0.081 χ^2 /NDF: 795345.7/9

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

218.920 $\pm$ 0.097 χ^2 /NDF: 762317.2/7

193.862 $\pm$ 0.081 χ^2 /NDF: 795345.7/9

yield_bpm0l03WS_mean vs Slug



Right In: 131890.353 $\pm$ 0.232 χ^2 /NDF: 480230404.9/7

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

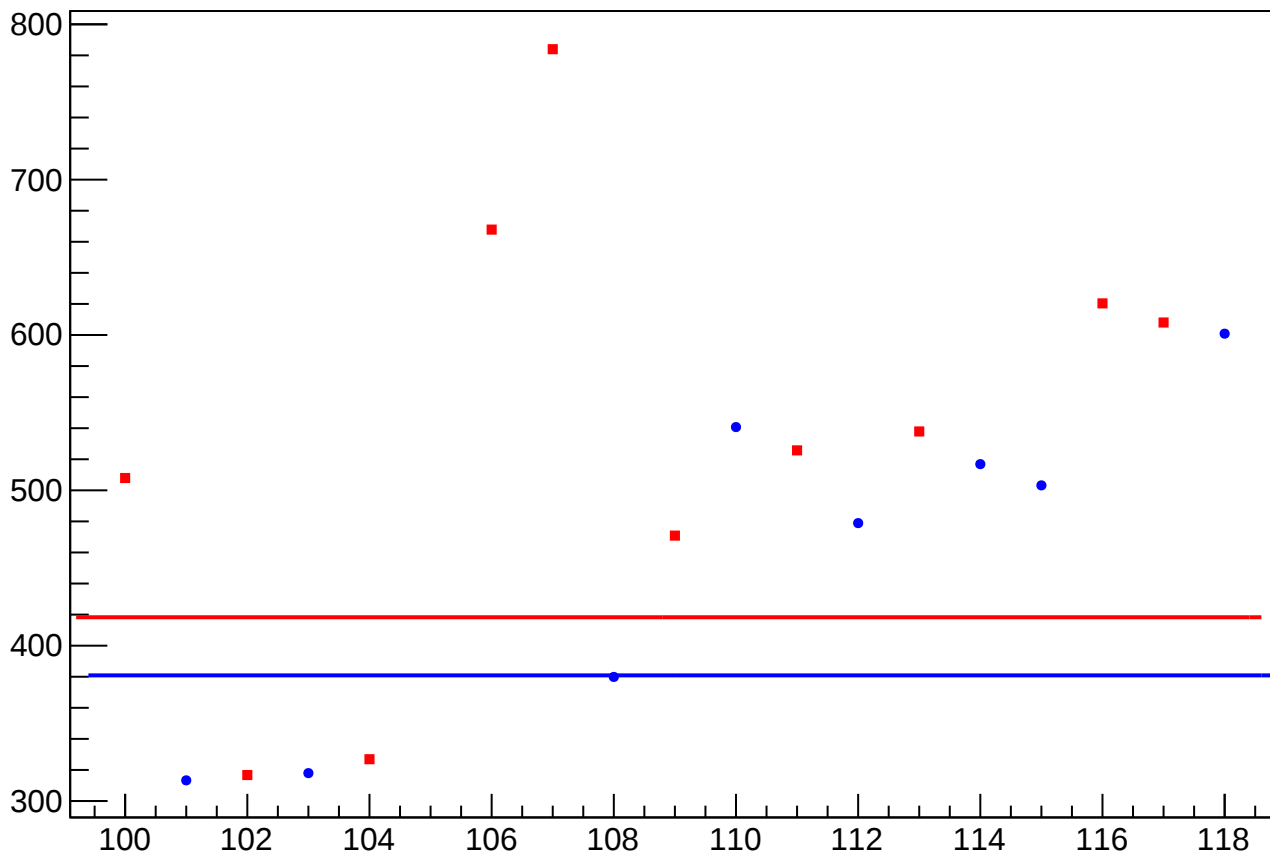
131890.353 $\pm$ 0.232 χ^2 /NDF: 480230404.9/7

Right Out: 132156.040 $\pm$ 0.241 χ^2 /NDF: 419351710.4/9

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

132156.040 $\pm$ 0.241 χ^2 /NDF: 419351710.4/9

yield_bpm0l03WS_rms vs Slug



Right In: 380.879+/-0.164 χ^2/NDF : 345477.7/7

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

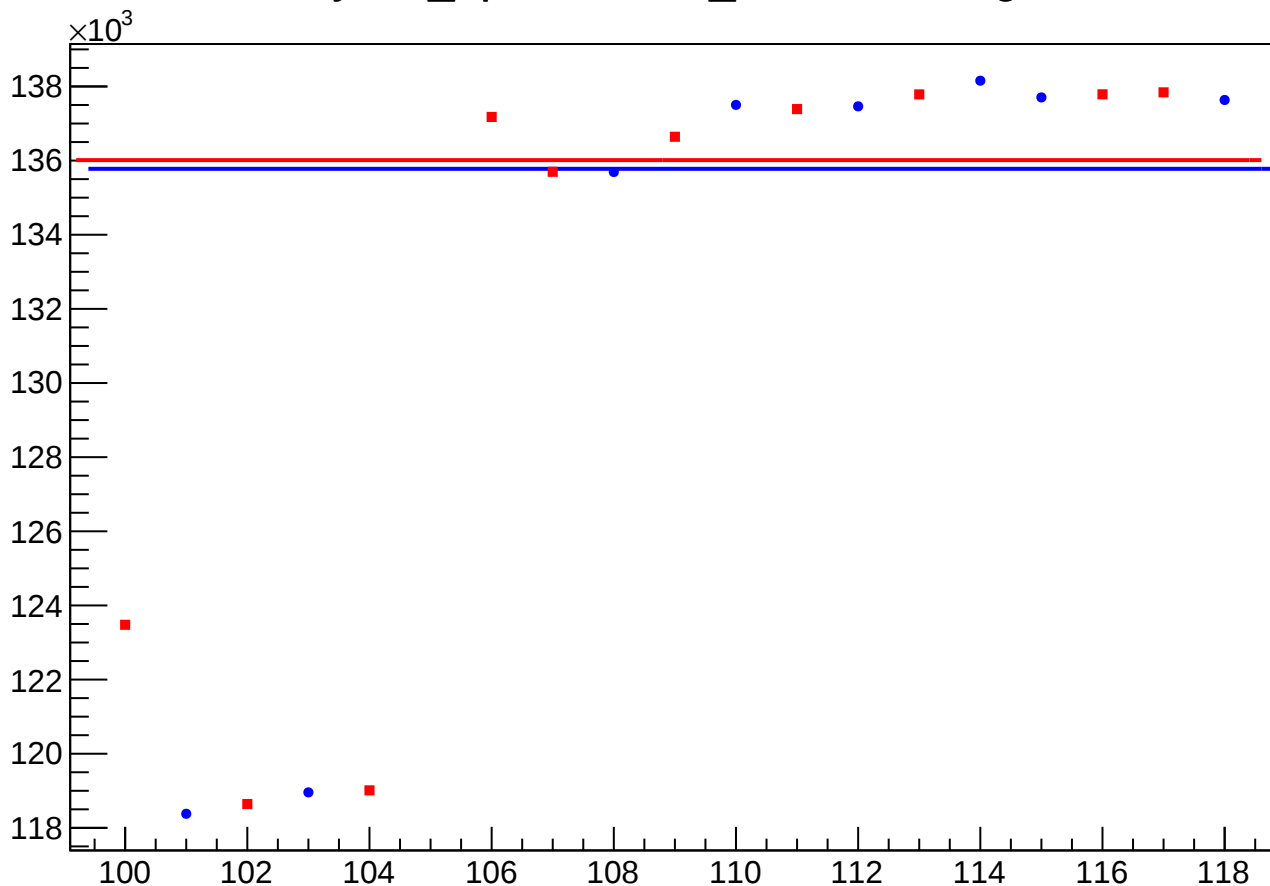
Right Out: 418.296+/-0.170 χ^2/NDF : 557700.5/9

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

380.879+/-0.164 χ^2/NDF : 345477.7/7

418.296+/-0.170 χ^2/NDF : 557700.5/9

yield_bpm0l04WS_mean vs Slug



Right In: 135778.184 $\pm$ 0.090 χ^2 /NDF: 3355745314.9/7

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

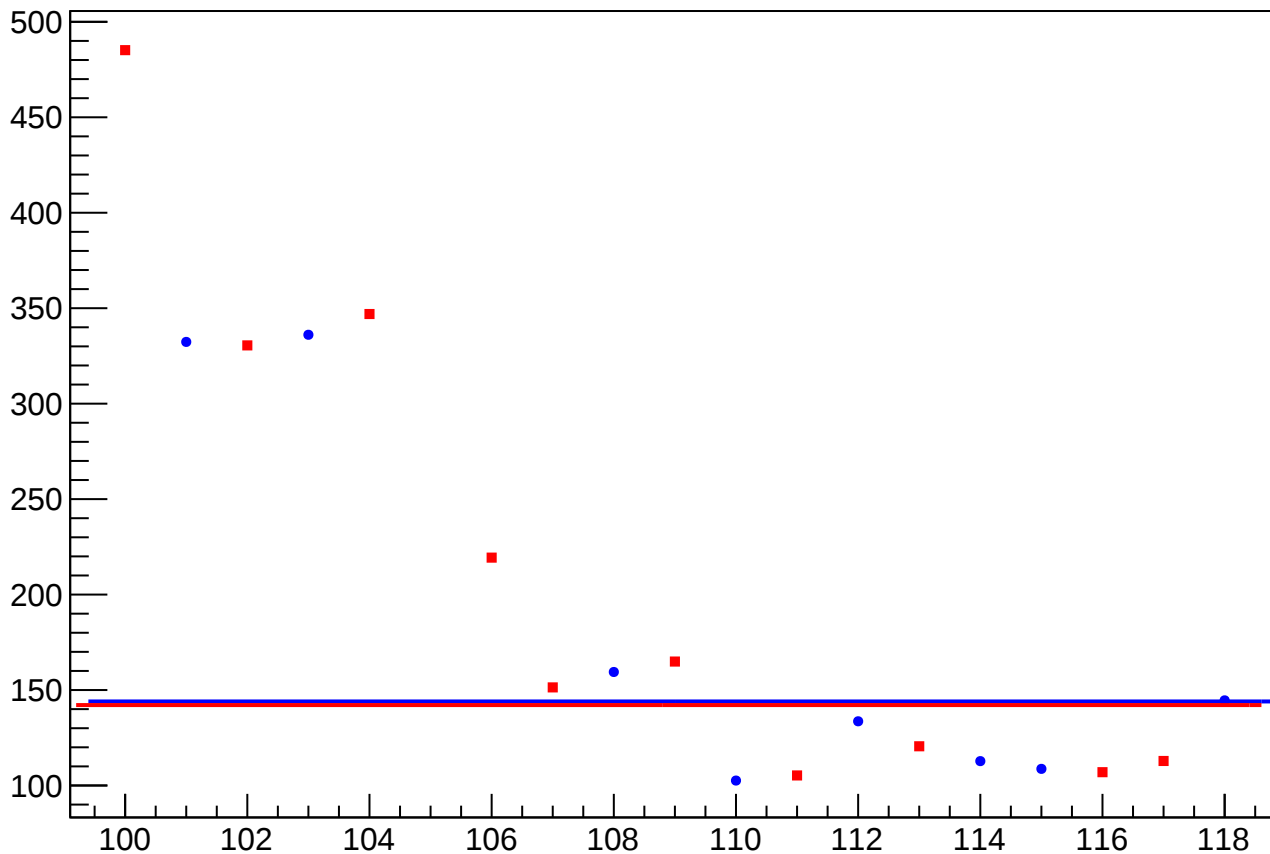
135778.184 $\pm$ 0.090 χ^2 /NDF: 3355745314.9/7

Right Out: 136013.077 $\pm$ 0.085 χ^2 /NDF: 2992535154.6/9

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

136013.077 $\pm$ 0.085 χ^2 /NDF: 2992535154.6/9

yield_bpm0l04WS_rms vs Slug



Right In: 144.020 $\pm$ 0.064 χ^2 /NDF: 910456.6/7

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

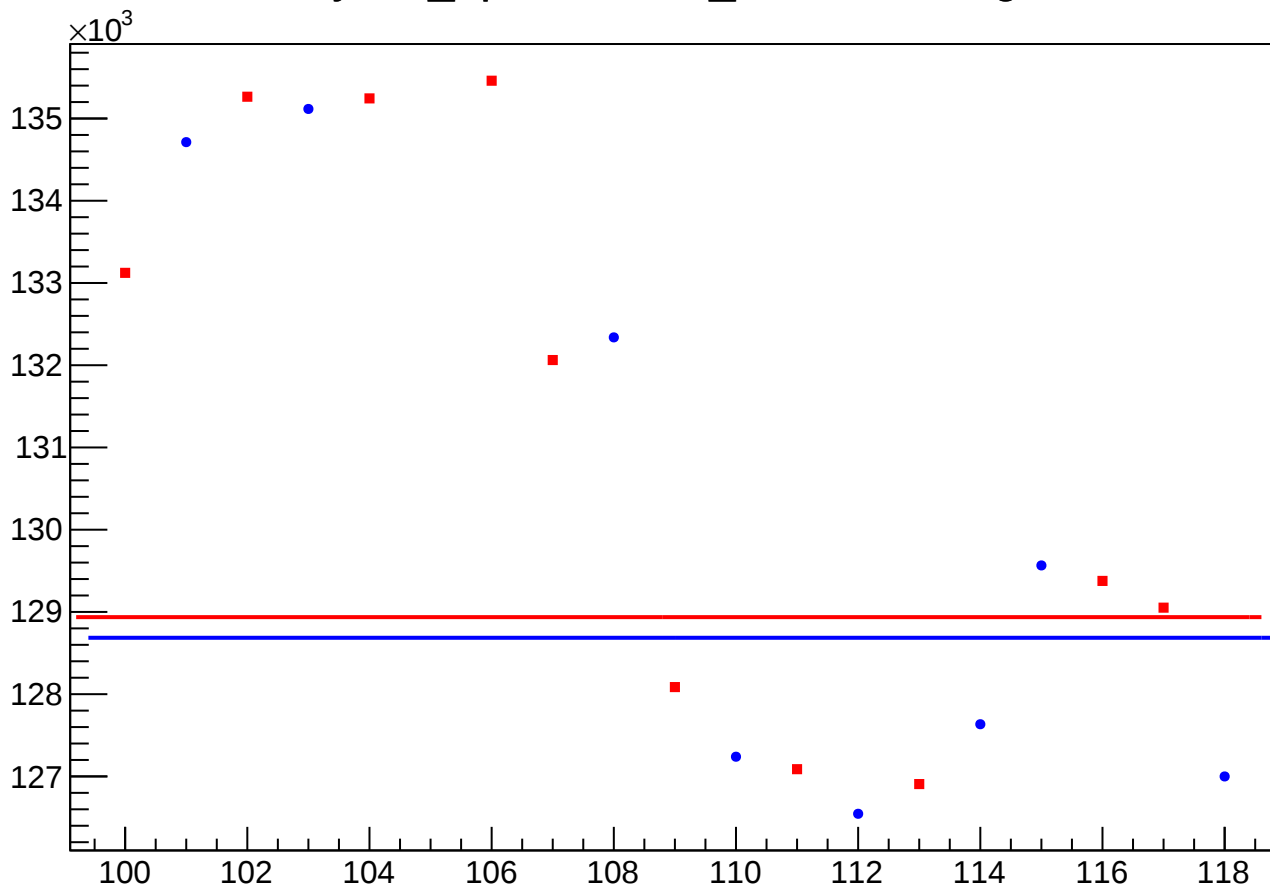
144.020 $\pm$ 0.064 χ^2 /NDF: 910456.6/7

Right Out: 142.123 $\pm$ 0.060 χ^2 /NDF: 1041695.7/9

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

142.123 $\pm$ 0.060 χ^2 /NDF: 1041695.7/9

yield_bpm0l05WS_mean vs Slug



Right In: 128685.848 $\pm$ 0.105 χ^2 /NDF: 696286733.1/7

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

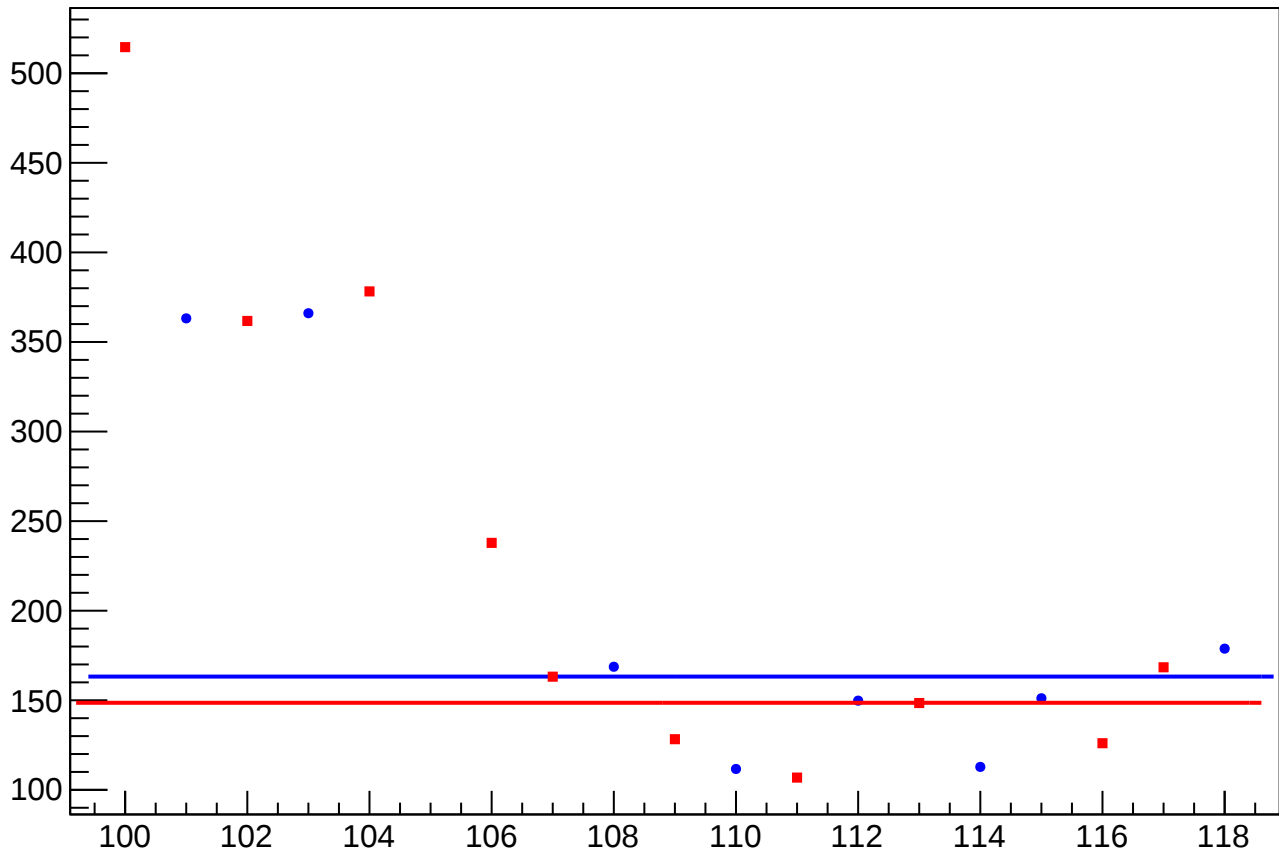
128685.848 $\pm$ 0.105 χ^2 /NDF: 696286733.1/7

Right Out: 128936.743 $\pm$ 0.091 χ^2 /NDF: 844606013.4/9

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

128936.743 $\pm$ 0.091 χ^2 /NDF: 844606013.4/9

yield_bpm0l05WS_rms vs Slug



Right In: 163.231+/-0.074 χ^2/NDF : 896110.4/7

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

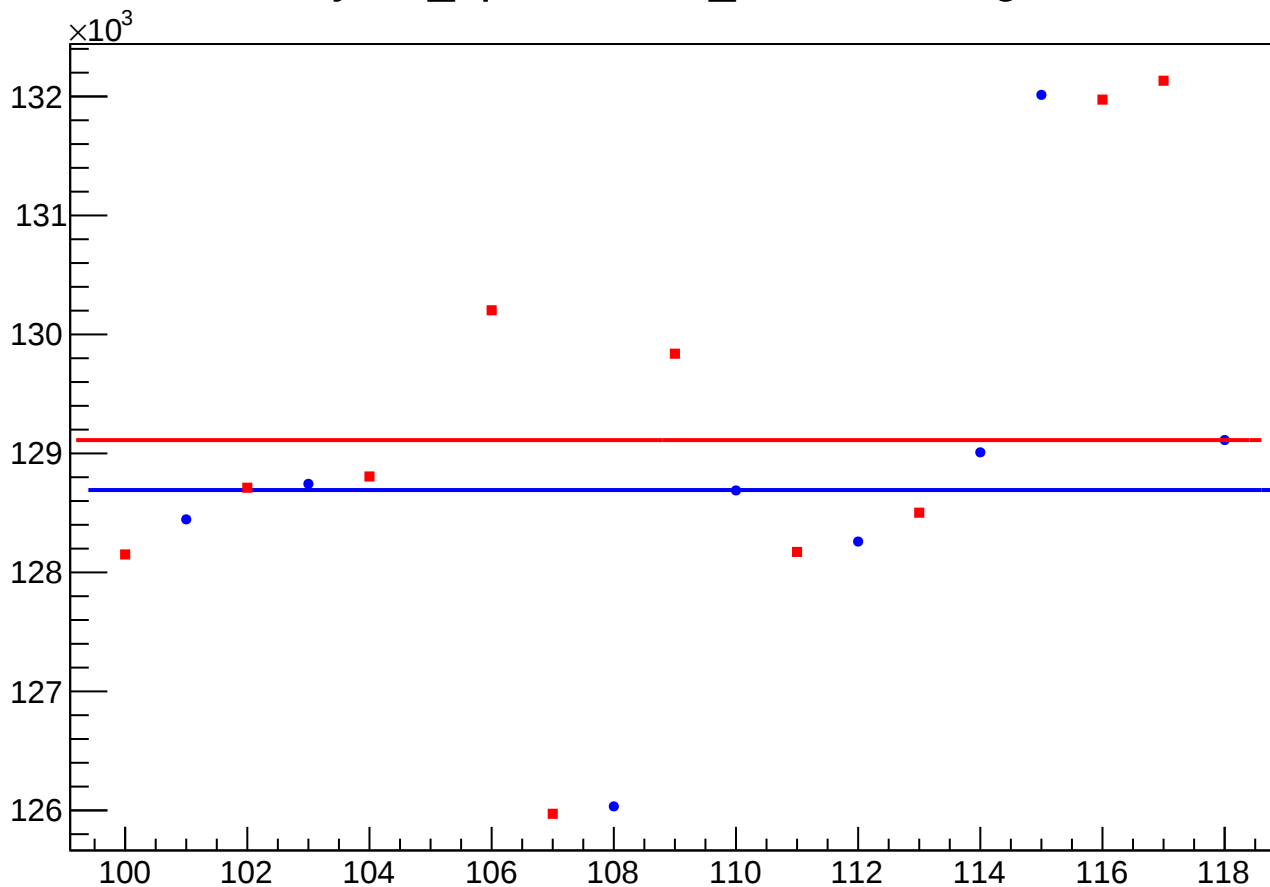
163.231+/-0.074 χ^2/NDF : 896110.4/7

Right Out: 148.598+/-0.064 χ^2/NDF : 1053091.6/9

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

148.598+/-0.064 χ^2/NDF : 1053091.6/9

yield_bpm0l06WS_mean vs Slug



Right In: 128692.268 $\pm$ 0.087 χ^2 /NDF: 274815029.8/7

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

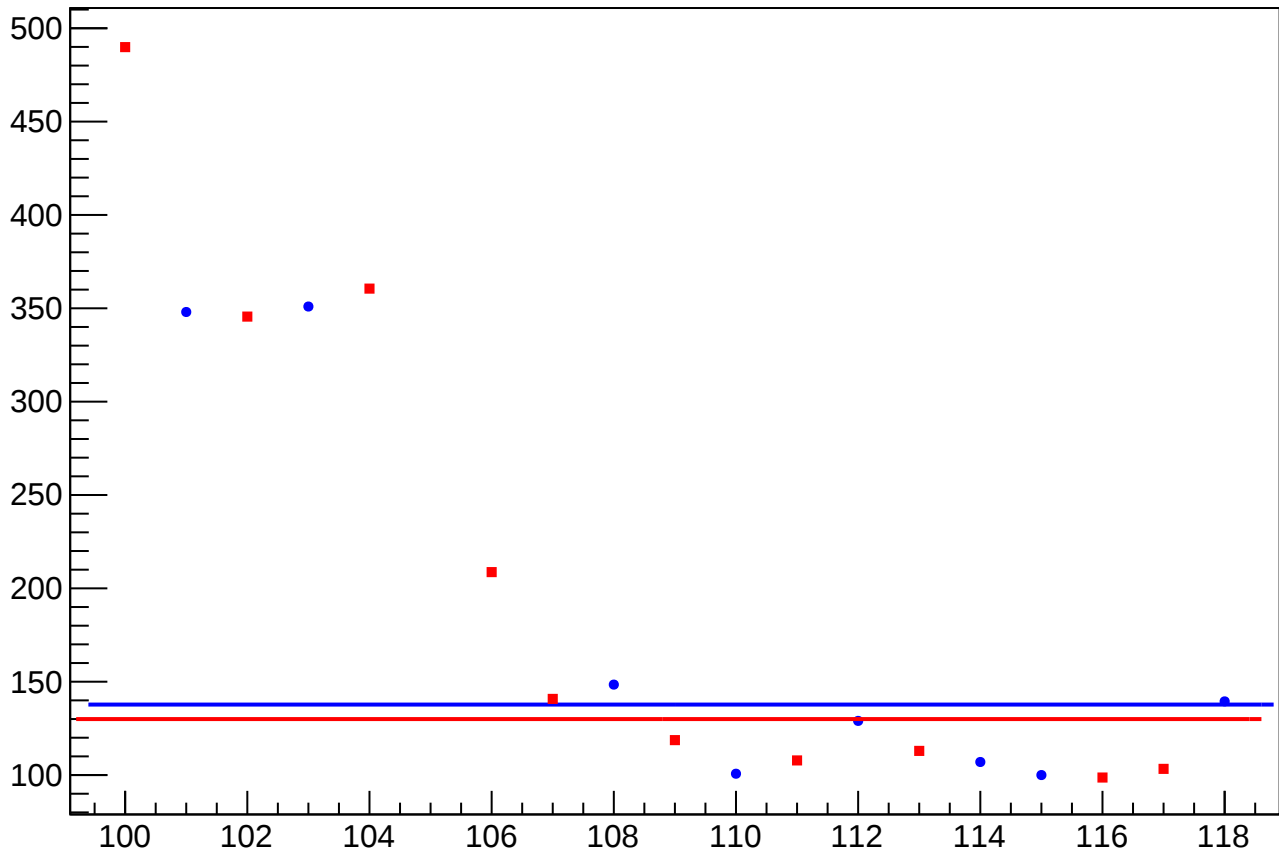
128692.268 $\pm$ 0.087 χ^2 /NDF: 274815029.8/7

Right Out: 129111.936 $\pm$ 0.078 χ^2 /NDF: 485176006.0/9

129111.936 $\pm$ 0.078 χ^2 /NDF: 485176006.0/9

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

yield_bpm0l06WS_rms vs Slug



Right In: 137.752 $\pm$ 0.062 χ^2 /NDF: 999013.3/7

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

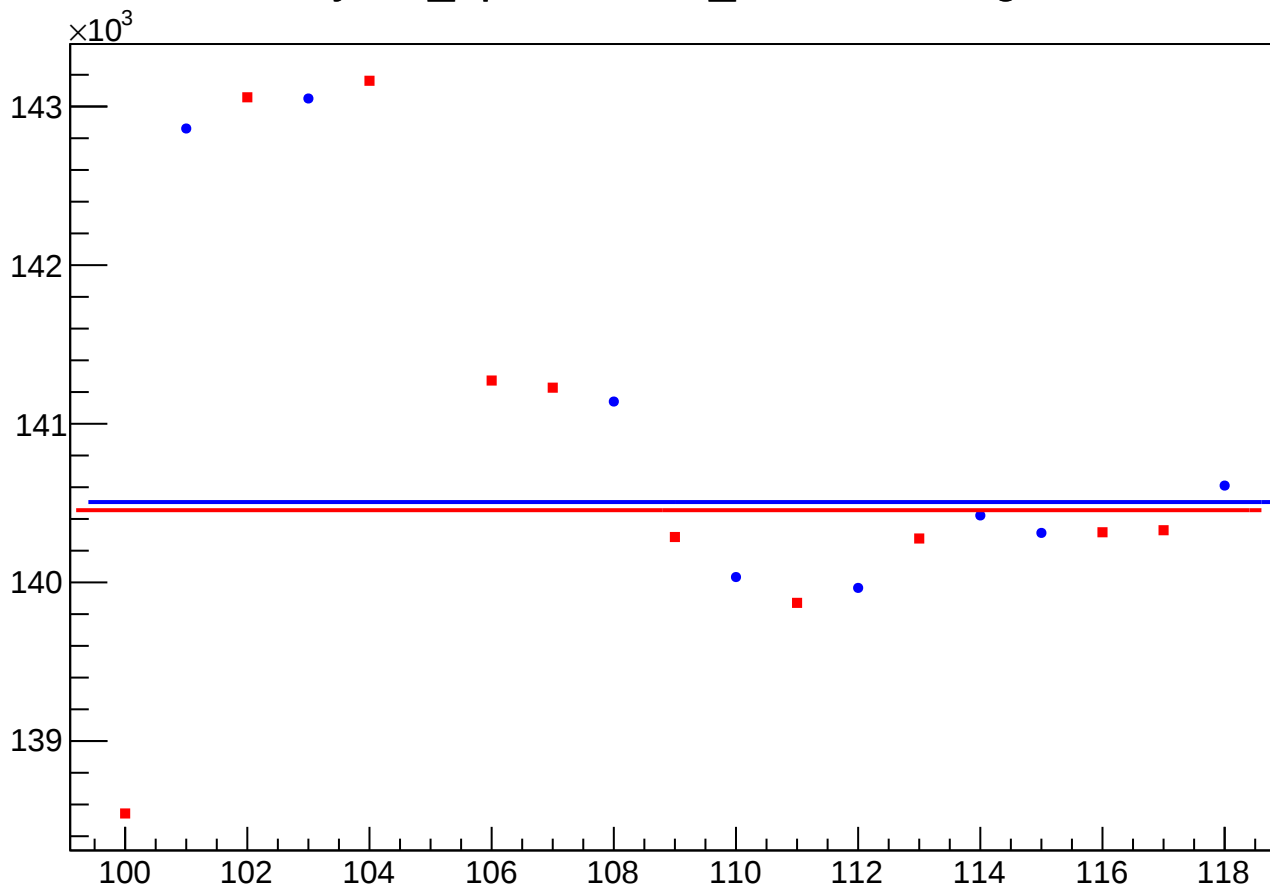
137.752 $\pm$ 0.062 χ^2 /NDF: 999013.3/7

Right Out: 129.984 $\pm$ 0.055 χ^2 /NDF: 1096990.5/9

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

129.984 $\pm$ 0.055 χ^2 /NDF: 1096990.5/9

yield_bpm0l07WS_mean vs Slug



Right In: 140506.545 $\pm$ 0.093 χ^2 /NDF: 62668859.7/7

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

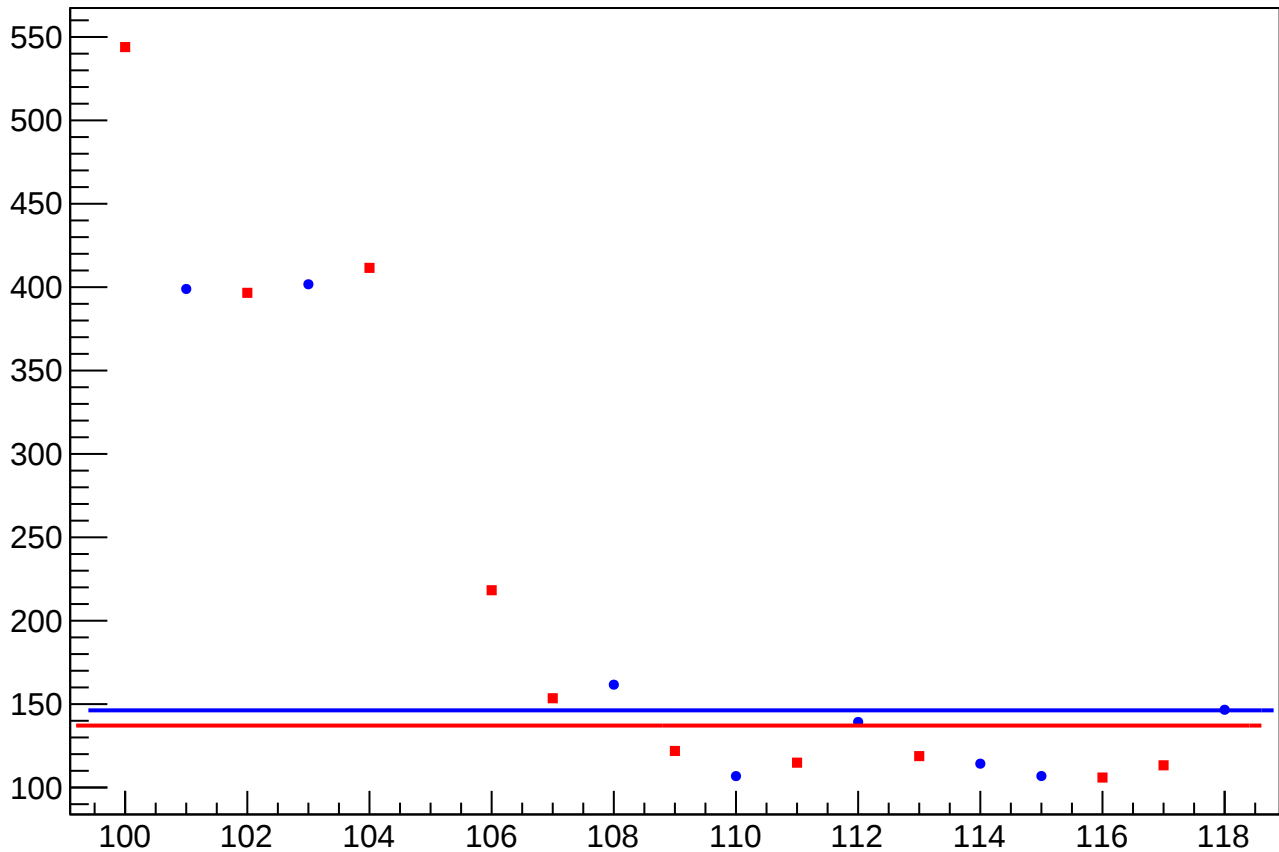
140506.545 $\pm$ 0.093 χ^2 /NDF: 62668859.7/7

Right Out: 140455.270 $\pm$ 0.083 χ^2 /NDF: 71499922.8/9

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

140455.270 $\pm$ 0.083 χ^2 /NDF: 71499922.8/9

yield_bpm0l07WS_rms vs Slug



Right In: 146.256+/-0.066 χ^2/NDF : 1083220.3/7

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

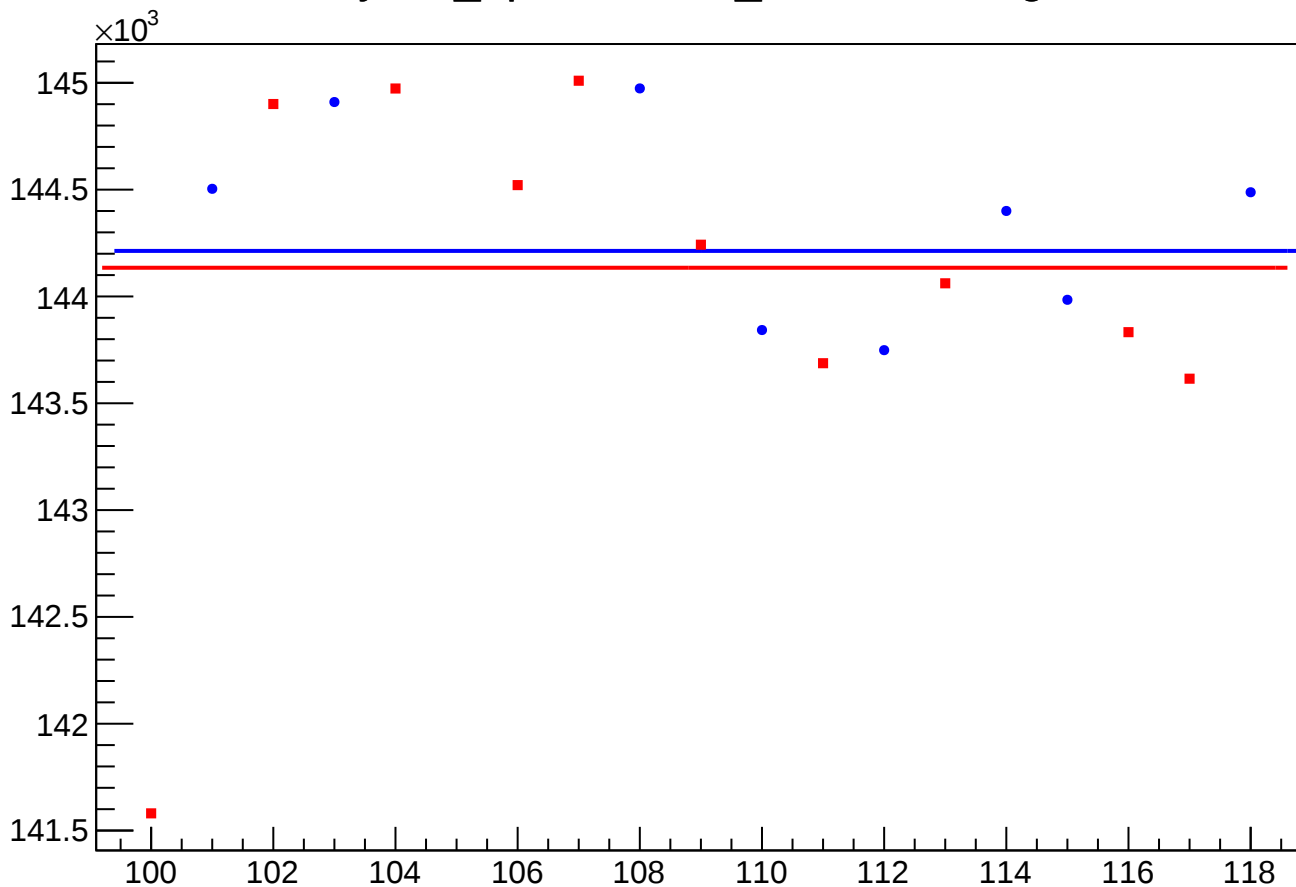
146.256+/-0.066 χ^2/NDF : 1083220.3/7

Right Out: 137.138+/-0.058 χ^2/NDF : 1177340.3/9

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

137.138+/-0.058 χ^2/NDF : 1177340.3/9

yield_bpm0l08WS_mean vs Slug



Right In: 144213.190 $\pm$ 0.097 χ^2 /NDF: 20396128.8/7

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

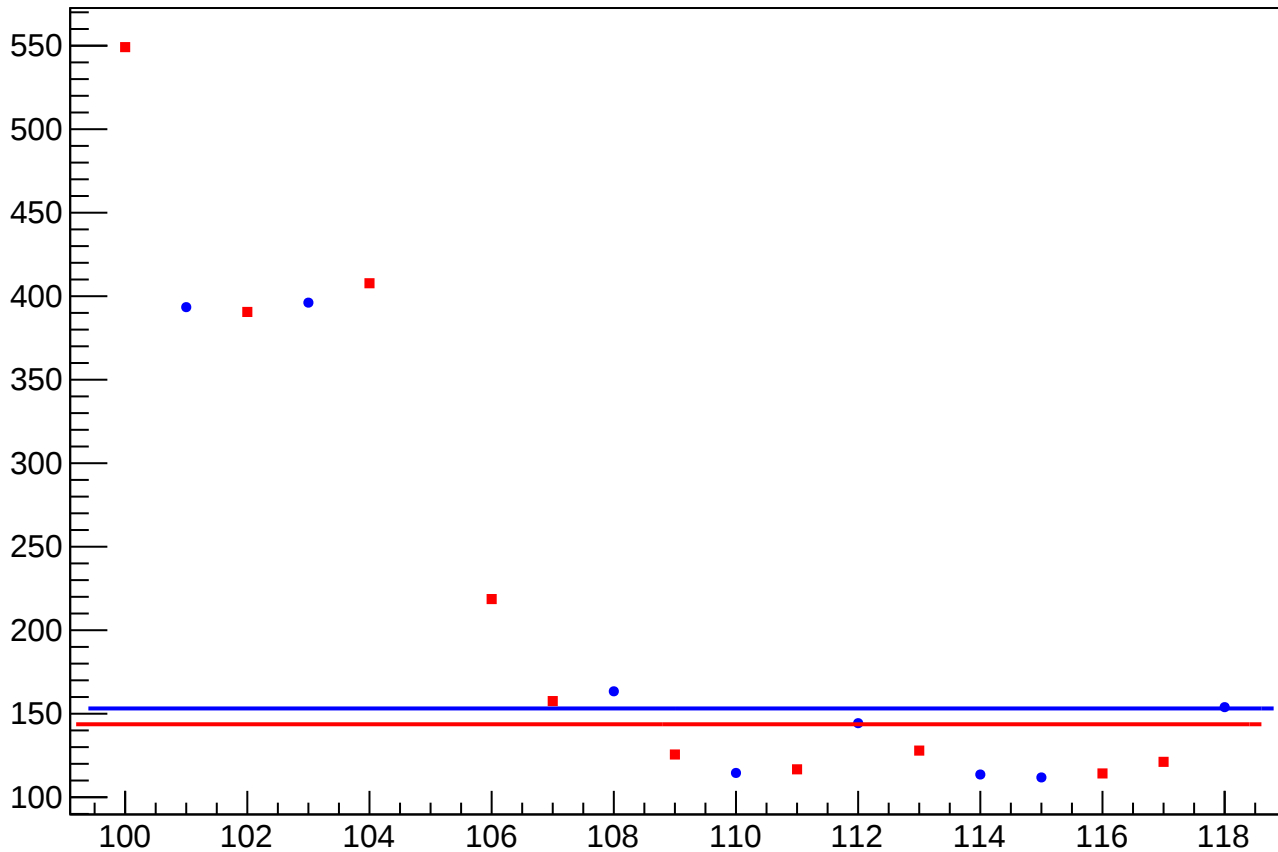
Right Out: 144134.393 $\pm$ 0.086 χ^2 /NDF: 26537363.2/9

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

144213.190 $\pm$ 0.097 χ^2 /NDF: 20396128.8/7

144134.393 $\pm$ 0.086 χ^2 /NDF: 26537363.2/9

yield_bpm0l08WS_rms vs Slug



Right In: 153.155+/-0.069 χ^2/NDF : 1009329.6/7

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

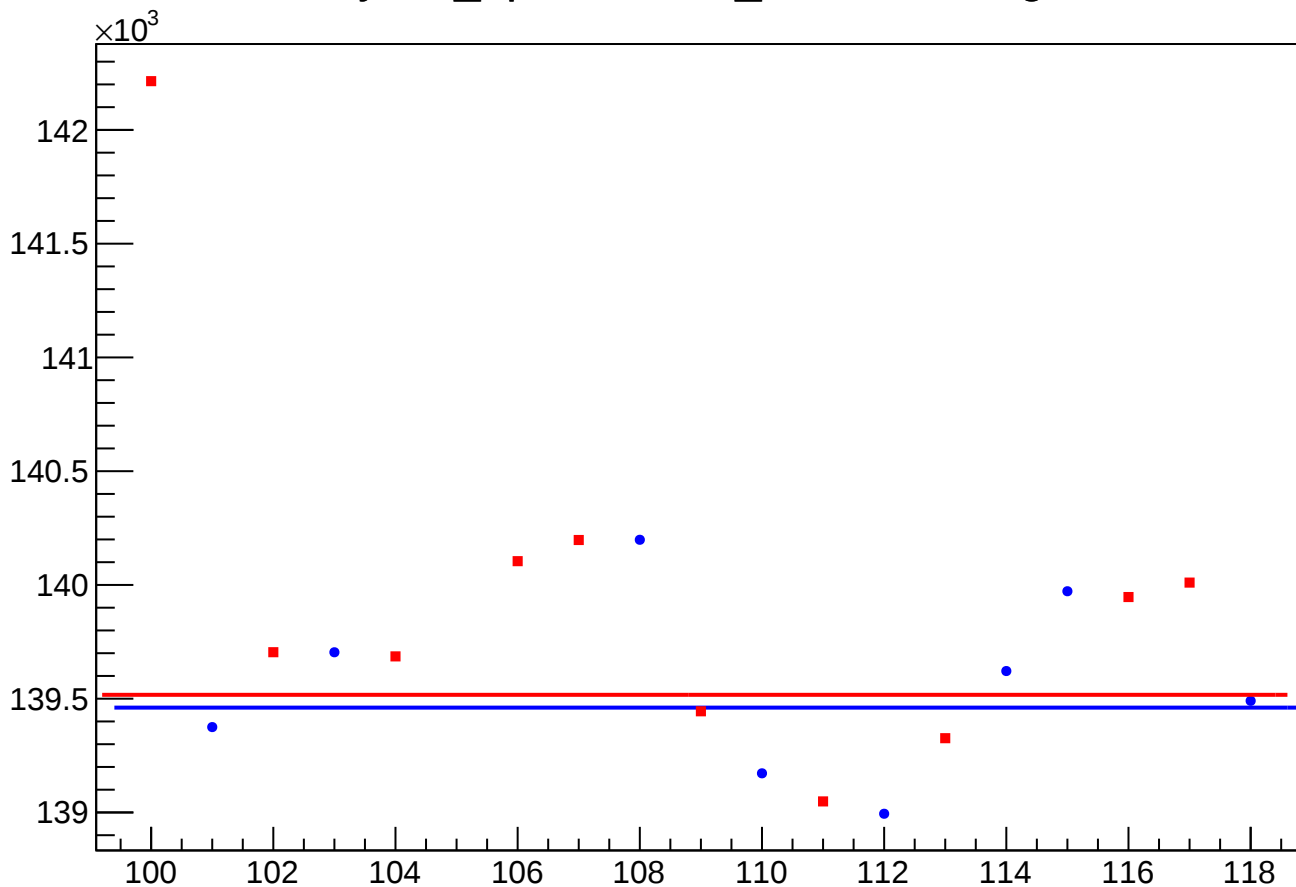
Right Out: 143.685+/-0.061 χ^2/NDF : 1107006.5/9

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

153.155+/-0.069 χ^2/NDF : 1009329.6/7

143.685+/-0.061 χ^2/NDF : 1107006.5/9

yield_bpm0l09WS_mean vs Slug



Right In: 139460.804 $\pm$ 0.098 χ^2 /NDF: 16581635.1/7

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

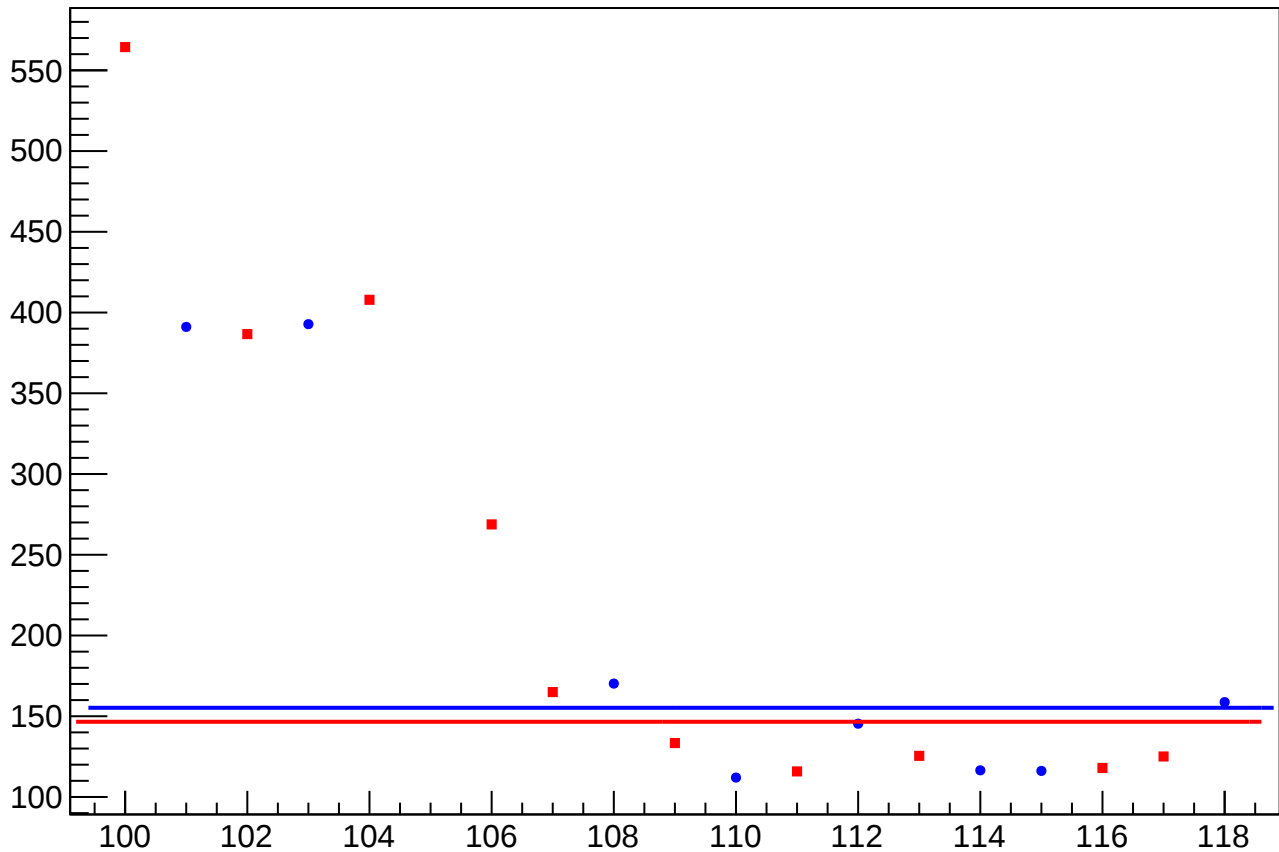
Right Out: 139517.033 $\pm$ 0.088 χ^2 /NDF: 20900654.6/9

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

139460.804 $\pm$ 0.098 χ^2 /NDF: 16581635.1/7

139517.033 $\pm$ 0.088 χ^2 /NDF: 20900654.6/9

yield_bpm0l09WS_rms vs Slug



Right In: 155.238+/-0.070 χ^2/NDF : 1003515.2/7

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

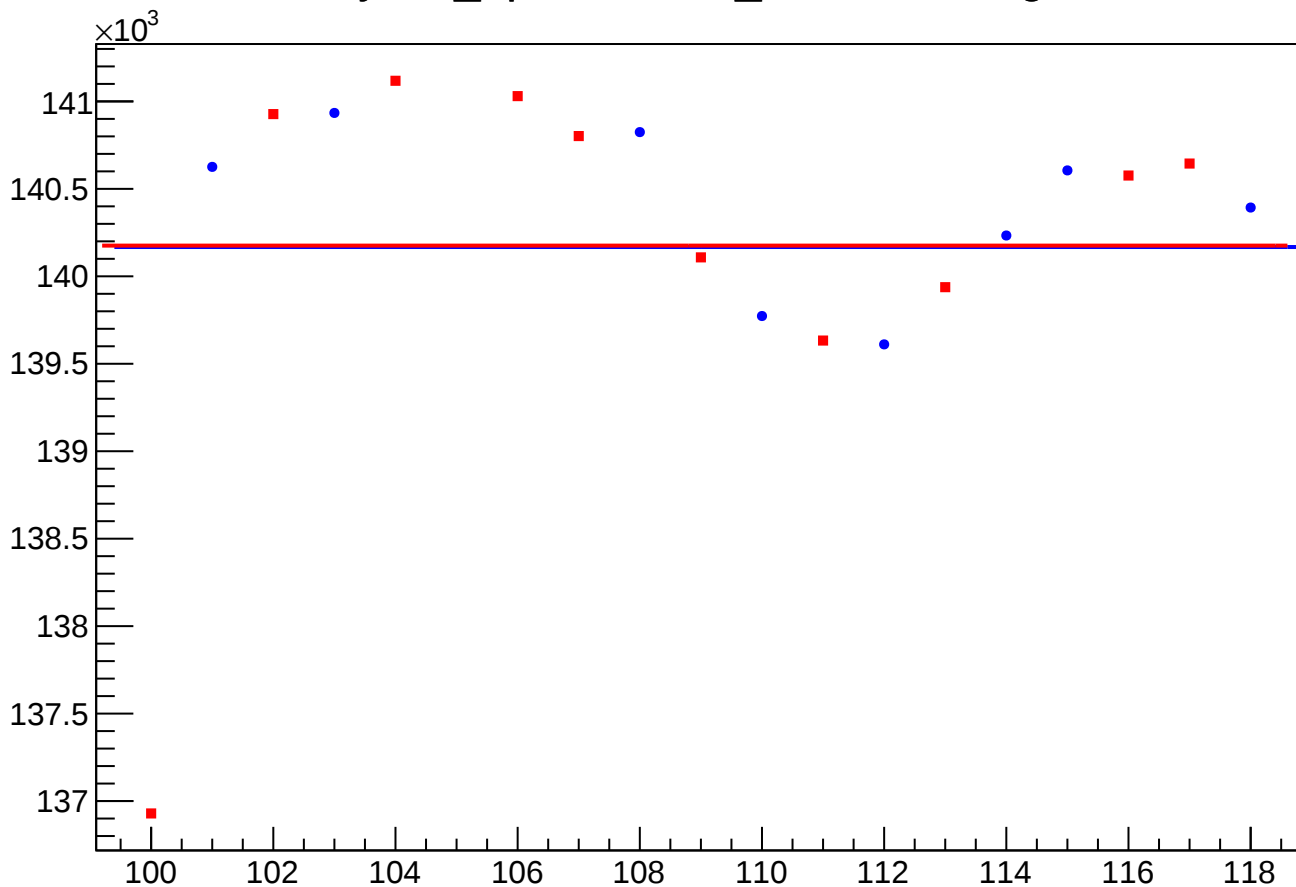
155.238+/-0.070 χ^2/NDF : 1003515.2/7

Right Out: 146.580+/-0.062 χ^2/NDF : 1143643.1/9

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

146.580+/-0.062 χ^2/NDF : 1143643.1/9

yield_bpm0l10WS_mean vs Slug



Right In: 140167.508 $\pm$ 0.099 χ^2 /NDF: 21753046.0/7

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

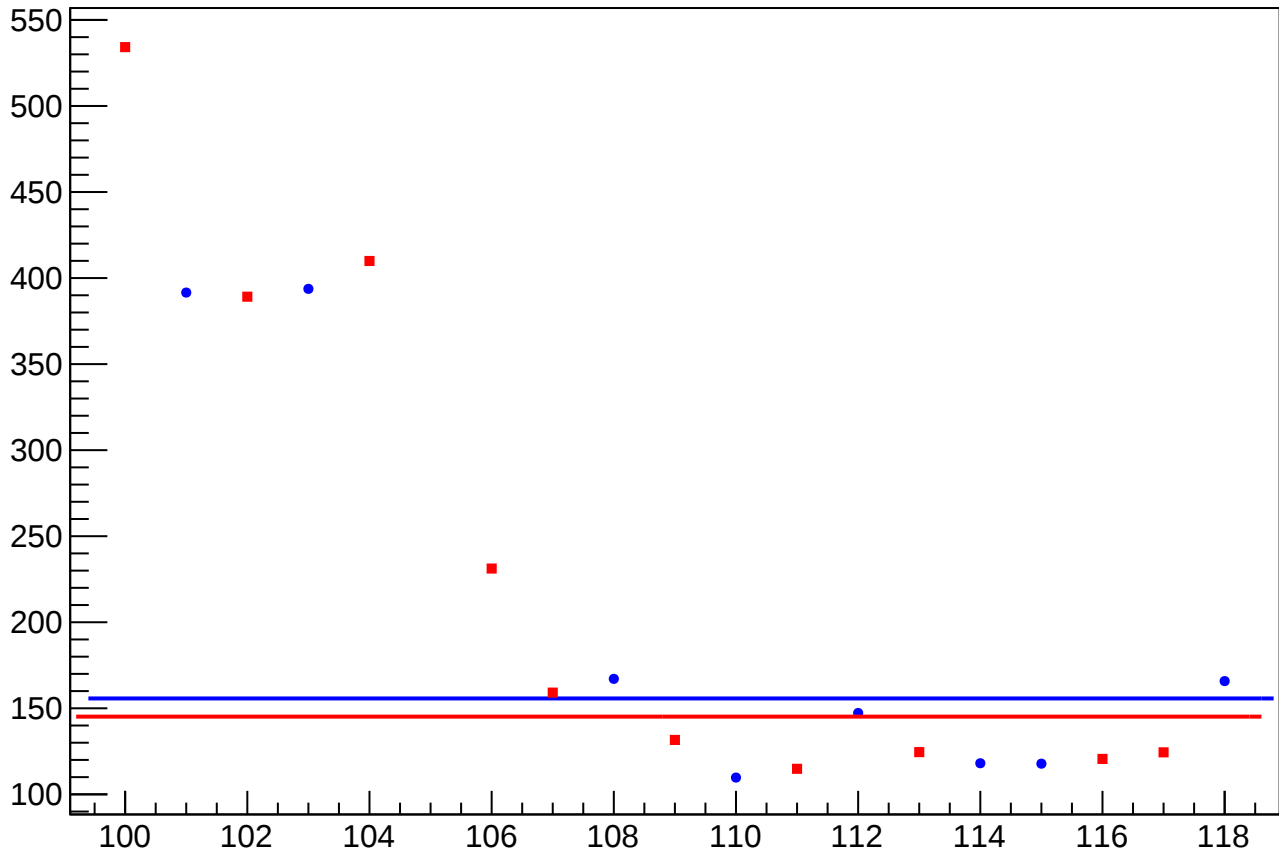
140167.508 $\pm$ 0.099 χ^2 /NDF: 21753046.0/7

Right Out: 140175.546 $\pm$ 0.087 χ^2 /NDF: 30556827.7/9

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

140175.546 $\pm$ 0.087 χ^2 /NDF: 30556827.7/9

yield_bpm0l10WS_rms vs Slug



Right In: 155.721+/-0.070 χ^2/NDF : 1015564.4/7

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

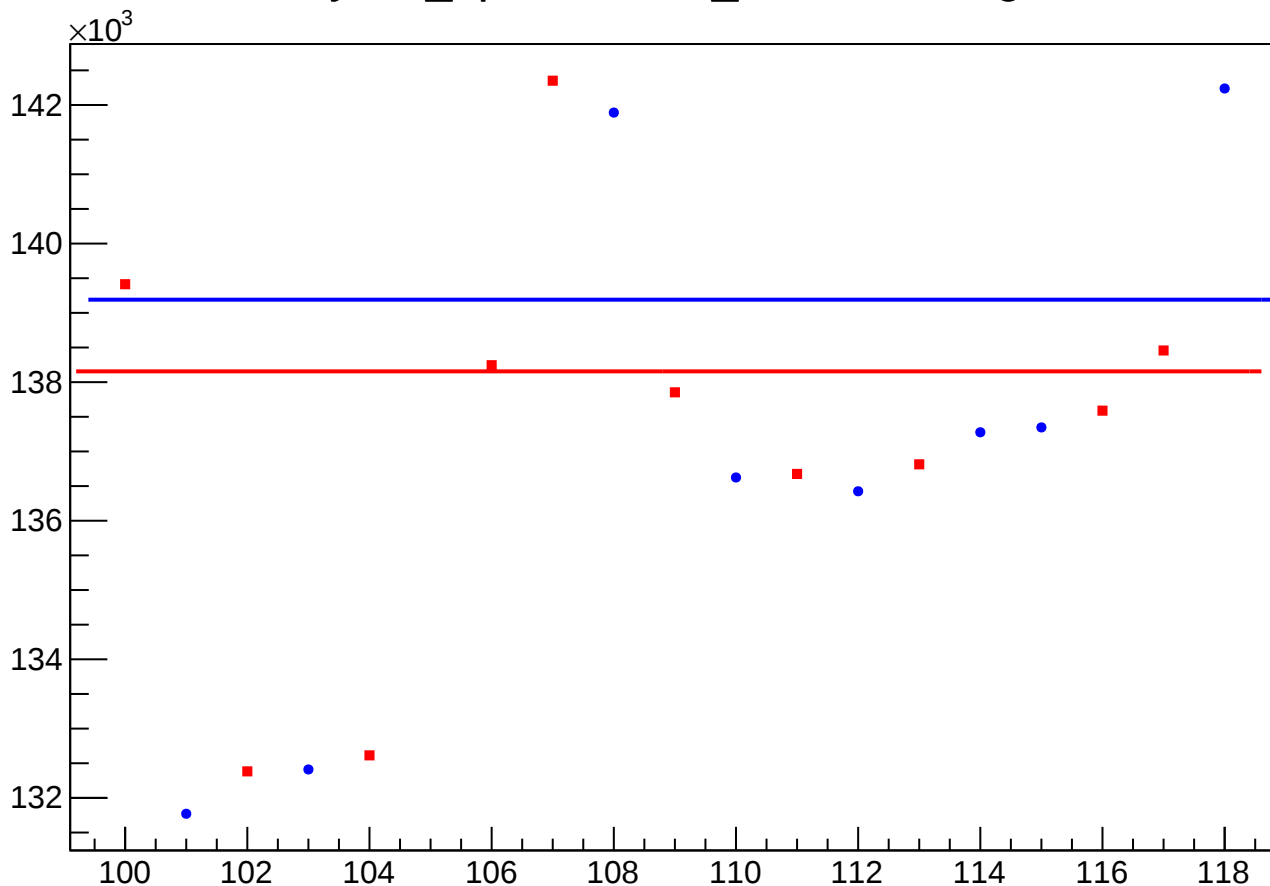
155.721+/-0.070 χ^2/NDF : 1015564.4/7

Right Out: 145.161+/-0.062 χ^2/NDF : 1104471.6/9

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

145.161+/-0.062 χ^2/NDF : 1104471.6/9

yield_bpm0r03WS_mean vs Slug



Right In: 139190.310 $\pm$ 0.164 χ^2 /NDF: 516108699.7/7

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

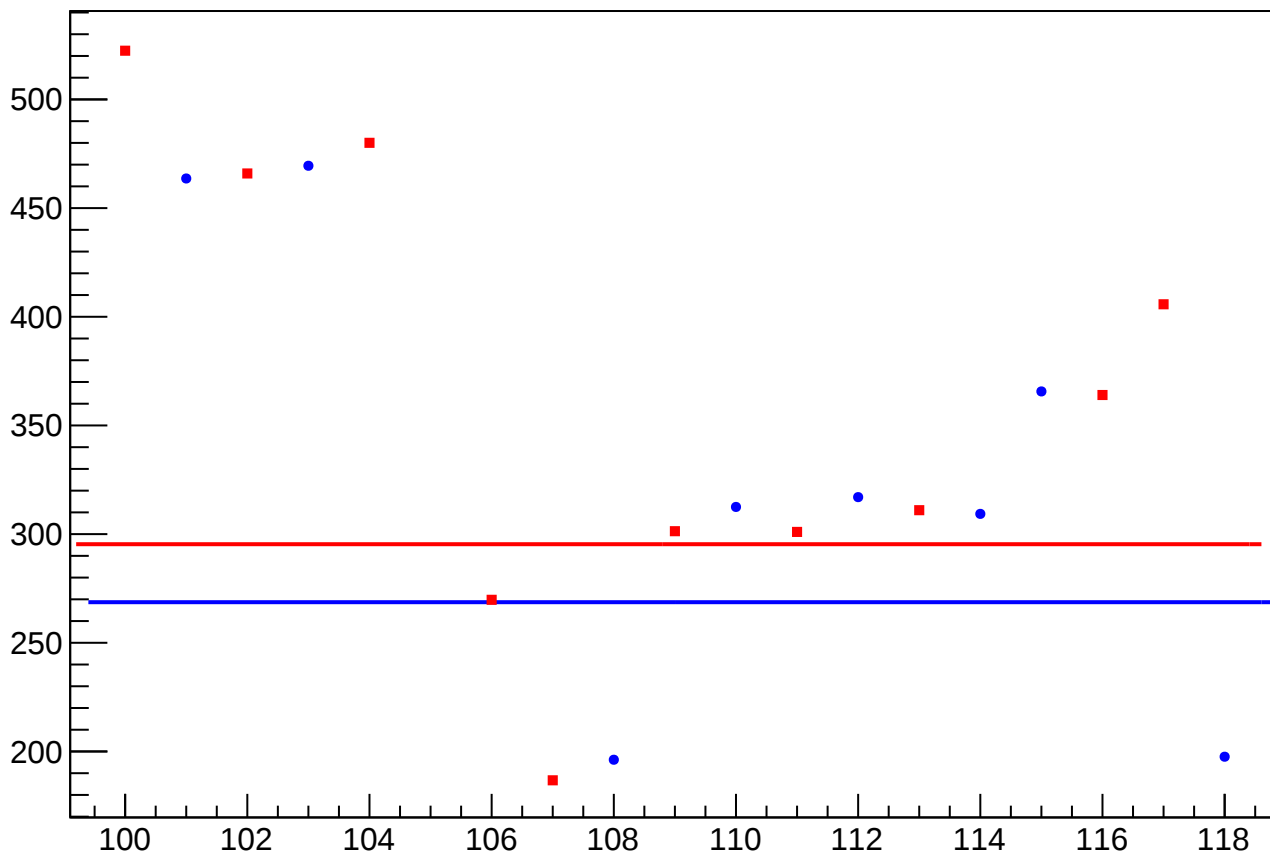
139190.310 $\pm$ 0.164 χ^2 /NDF: 516108699.7/7

Right Out: 138155.698 $\pm$ 0.169 χ^2 /NDF: 339647986.7/9

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

138155.698 $\pm$ 0.169 χ^2 /NDF: 339647986.7/9

yield_bpm0r03WS_rms vs Slug



Right In: 268.678+/-0.116 χ^2/NDF : 695009.7/7

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

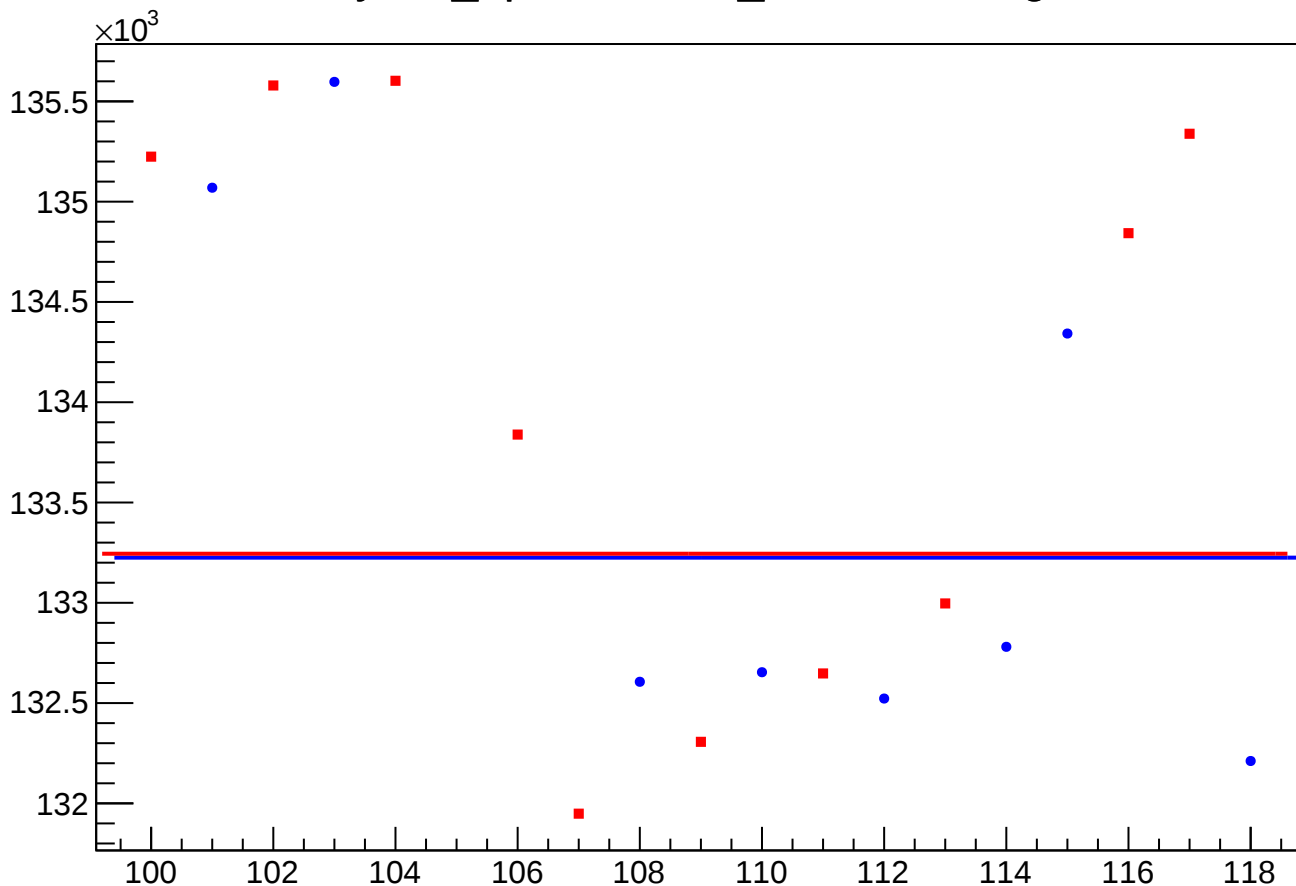
Right Out: 295.361+/-0.119 χ^2/NDF : 576729.7/9

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

268.678+/-0.116 χ^2/NDF : 695009.7/7

295.361+/-0.119 χ^2/NDF : 576729.7/9

yield_bpm0r05WS_mean vs Slug



Right In: 133225.087 $\pm$ 0.151 χ^2 /NDF: 55648347.6/7

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

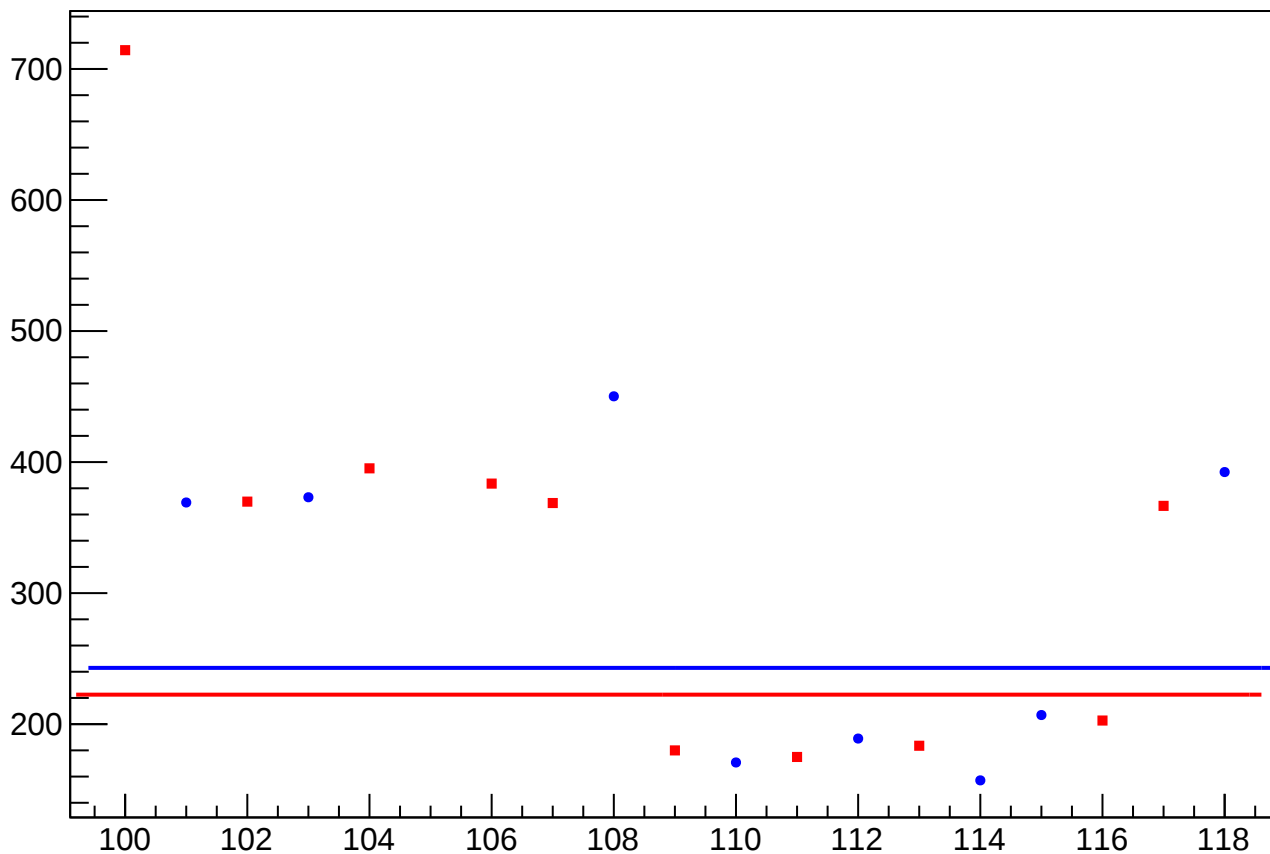
Right Out: 133244.653 $\pm$ 0.131 χ^2 /NDF: 78723433.9/9

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

133225.087 $\pm$ 0.151 χ^2 /NDF: 55648347.6/7

133244.653 $\pm$ 0.131 χ^2 /NDF: 78723433.9/9

yield_bpm0r05WS_rms vs Slug



Right In: 242.949+/-0.107 χ^2/NDF : 836131.9/7

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

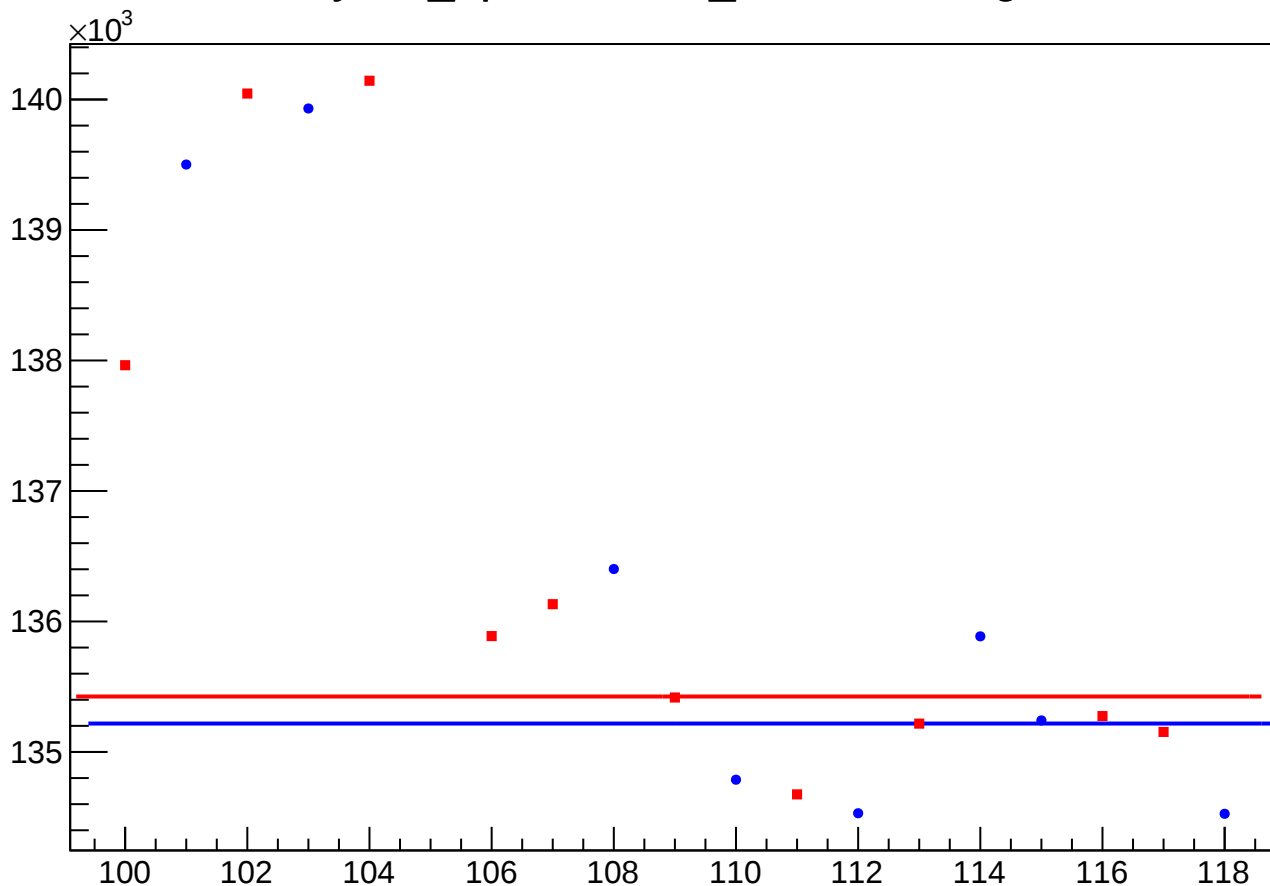
242.949+/-0.107 χ^2/NDF : 836131.9/7

Right Out: 222.517+/-0.093 χ^2/NDF : 783032.1/9

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

222.517+/-0.093 χ^2/NDF : 783032.1/9

yield_bpm0i02WS_mean vs Slug



Right In: 135217.811 $\pm$ 0.075 χ^2 /NDF: 250792692.3/7

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

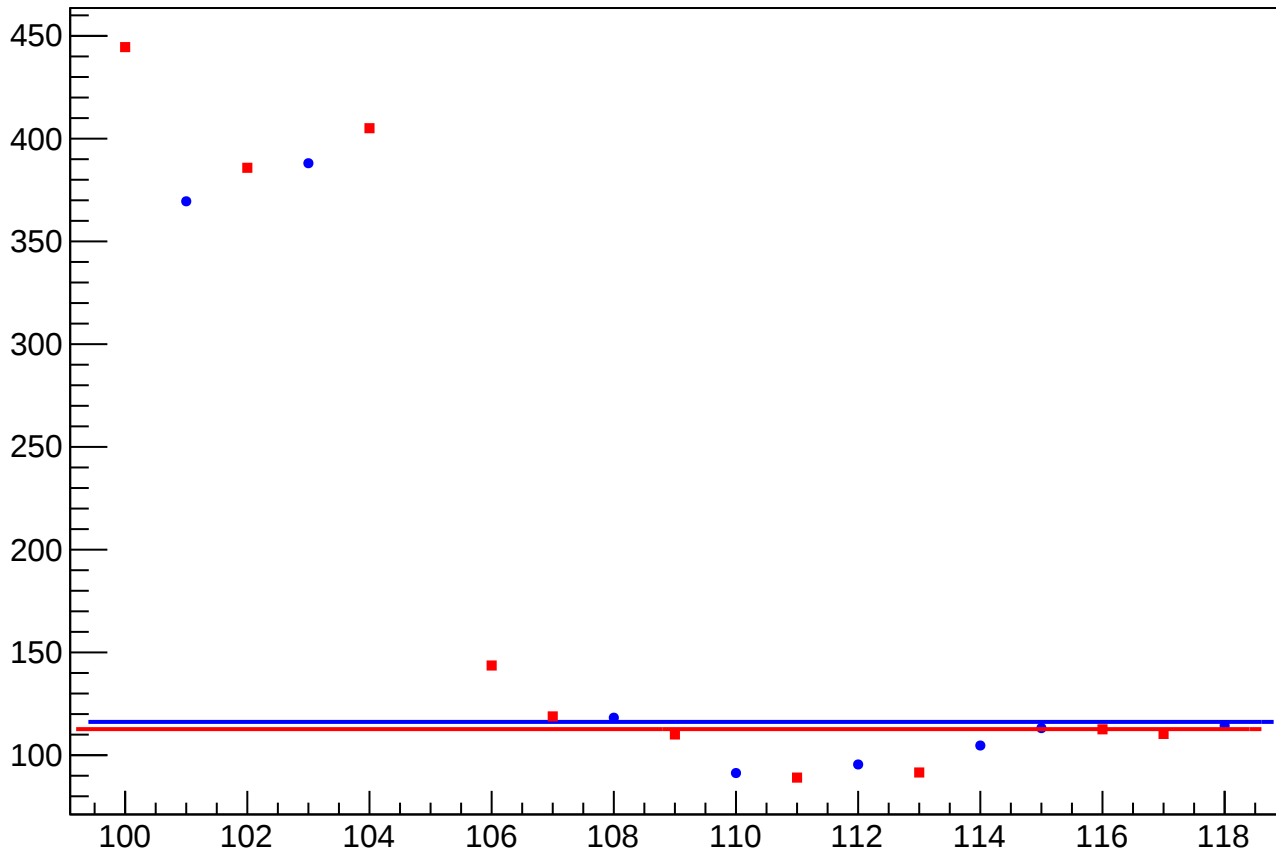
135217.811 $\pm$ 0.075 χ^2 /NDF: 250792692.3/7

Right Out: 135424.931 $\pm$ 0.069 χ^2 /NDF: 194002293.0/9

135424.931 $\pm$ 0.069 χ^2 /NDF: 194002293.0/9

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

yield_bpm0i02WS_rms vs Slug



Right In: 116.196 $\pm$ 0.053 χ^2 /NDF: 1199359.4/7

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

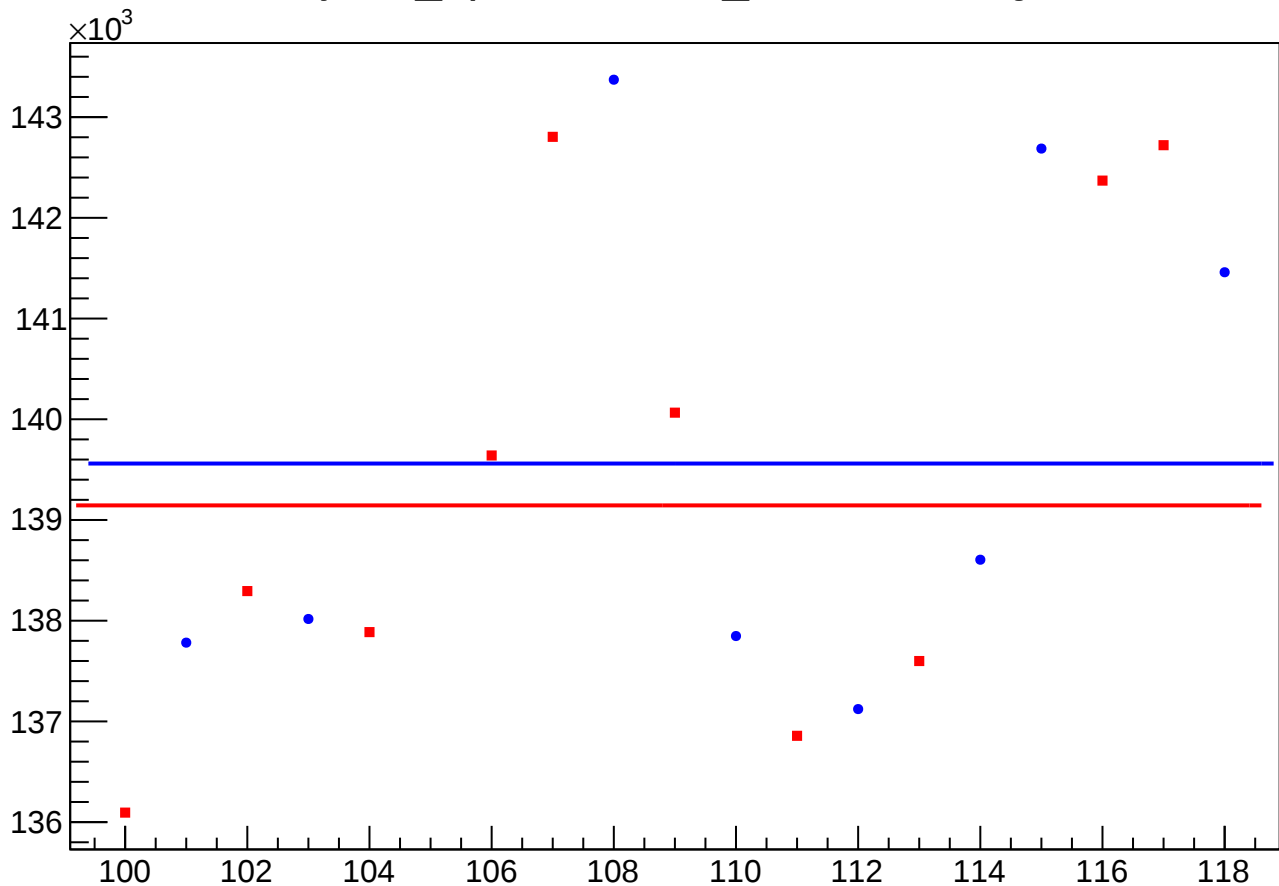
116.196 $\pm$ 0.053 χ^2 /NDF: 1199359.4/7

Right Out: 112.678 $\pm$ 0.049 χ^2 /NDF: 1262033.3/9

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

112.678 $\pm$ 0.049 χ^2 /NDF: 1262033.3/9

yield_bpm0i02aWS_mean vs Slug



Right In: 139560.372 $\pm$ 0.089 χ^2 /NDF: 664860524.4/7

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

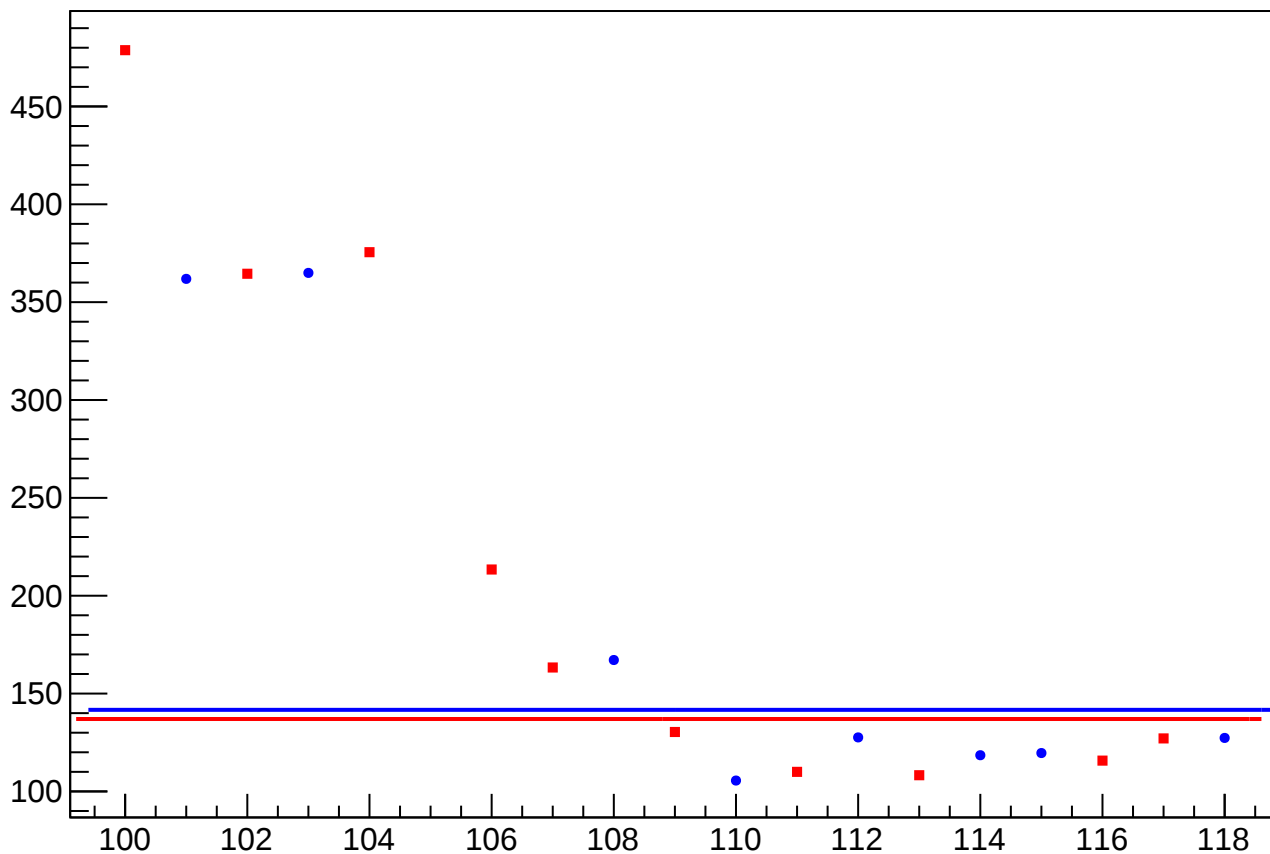
139560.372 $\pm$ 0.089 χ^2 /NDF: 664860524.4/7

Right Out: 139144.844 $\pm$ 0.083 χ^2 /NDF: 700880950.4/9

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

139144.844 $\pm$ 0.083 χ^2 /NDF: 700880950.4/9

yield_bpm0i02aWS_rms vs Slug



Right In: 141.688+/-0.063 χ^2/NDF : 994566.9/7

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

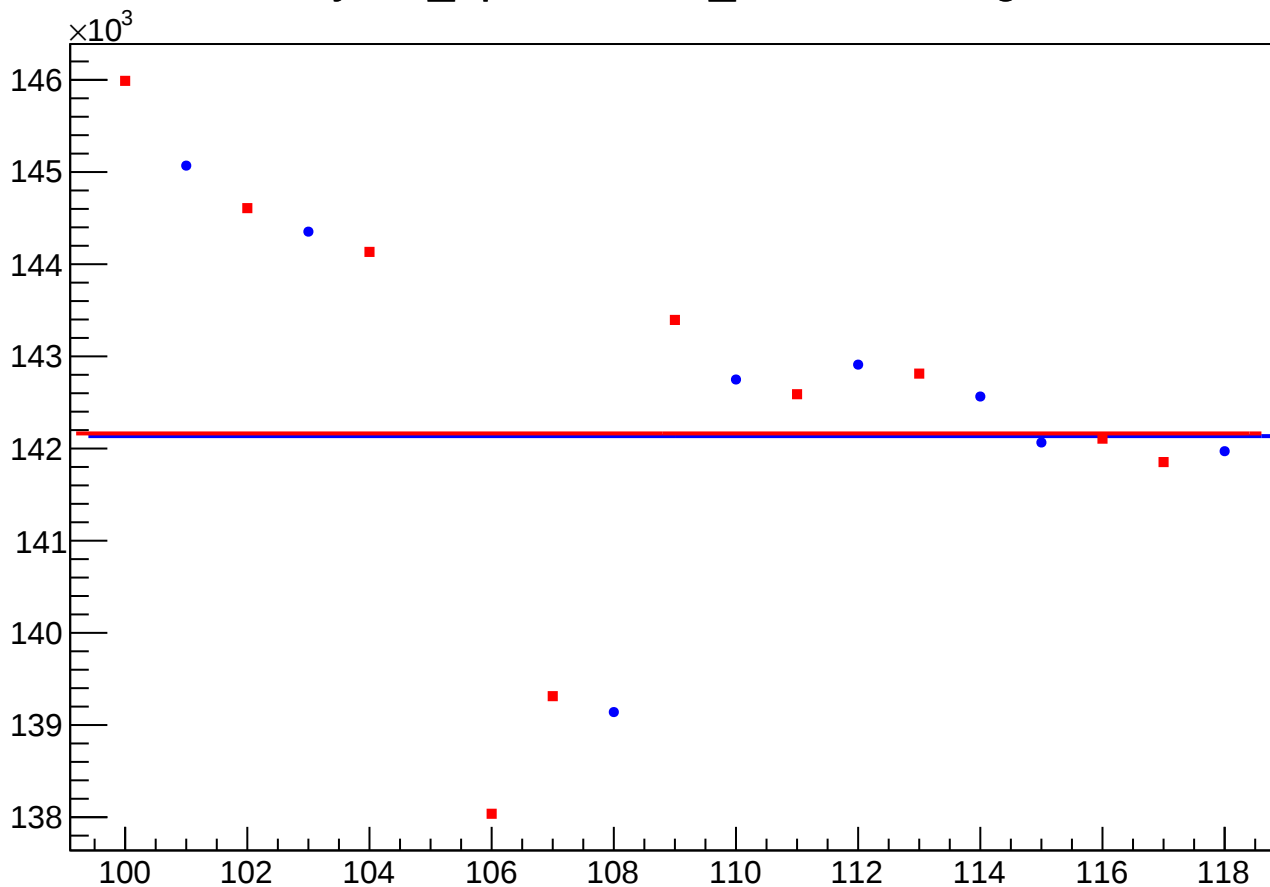
Right Out: 137.003+/-0.059 χ^2/NDF : 1096745.4/9

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

141.688+/-0.063 χ^2/NDF : 994566.9/7

137.003+/-0.059 χ^2/NDF : 1096745.4/9

yield_bpm0i05WS_mean vs Slug



Right In: 142134.724 $\pm$ 0.098 χ^2 /NDF: 236515549.9/7

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

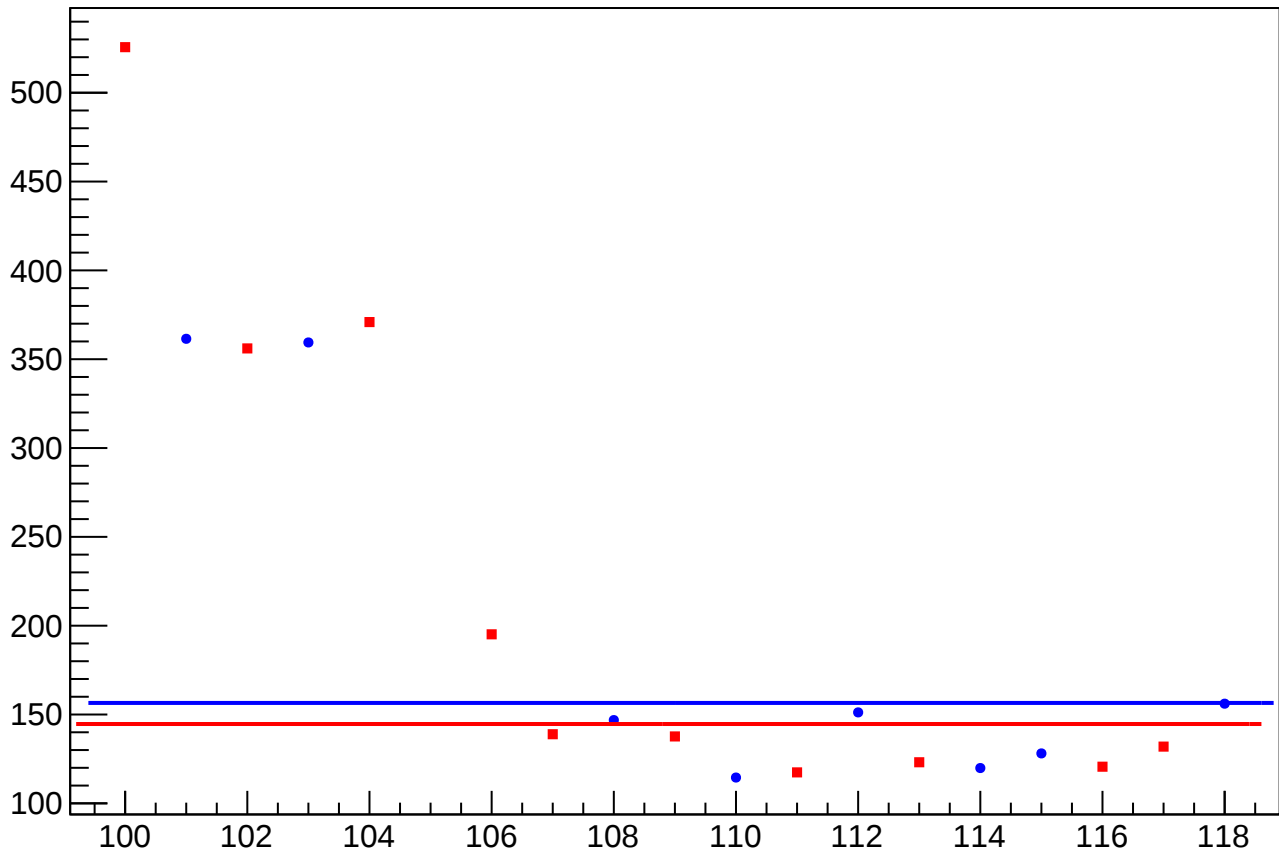
142134.724 $\pm$ 0.098 χ^2 /NDF: 236515549.9/7

Right Out: 142163.864 $\pm$ 0.086 χ^2 /NDF: 351776191.3/9

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

142163.864 $\pm$ 0.086 χ^2 /NDF: 351776191.3/9

yield_bpm0i05WS_rms vs Slug



Right In: 156.520+/-0.069 χ^2/NDF : 862333.7/7

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

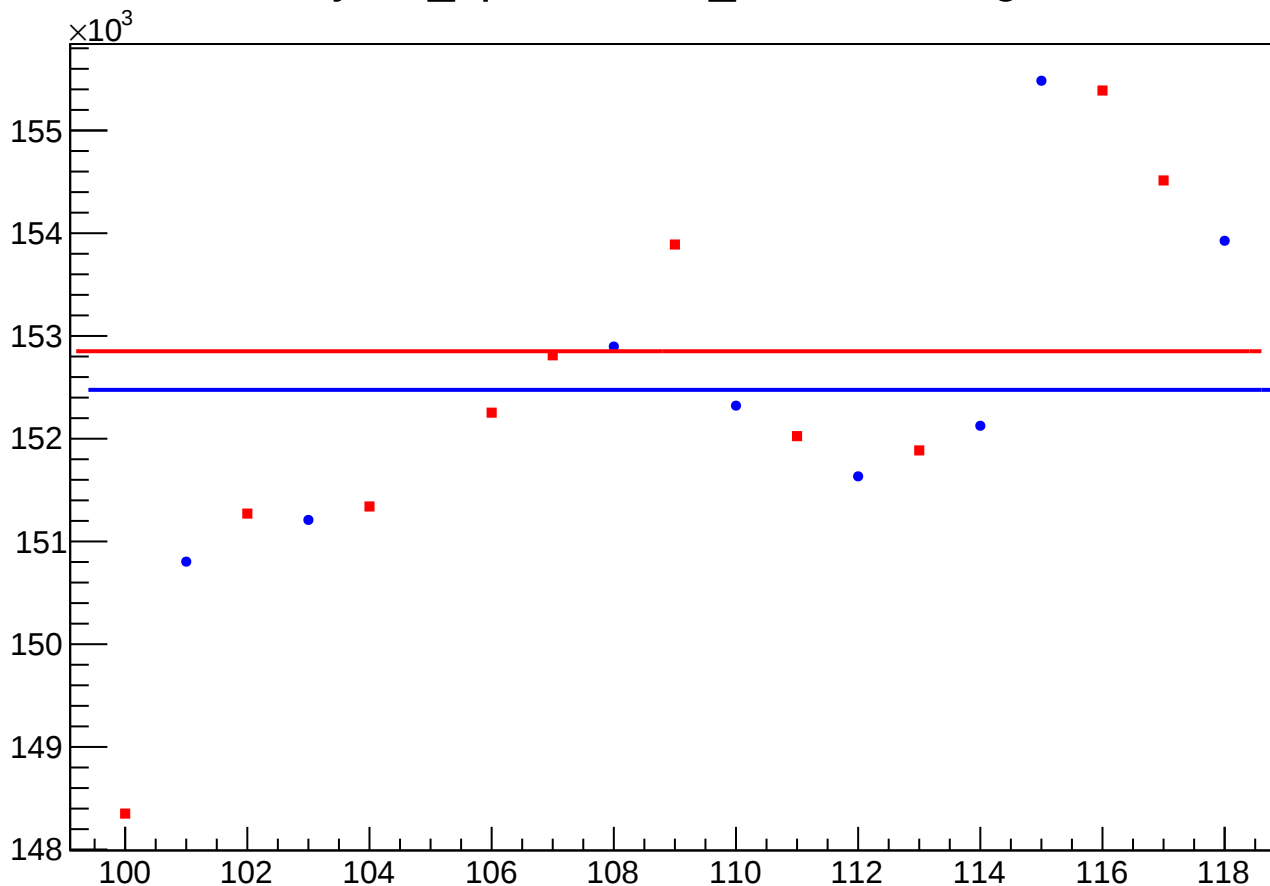
Right Out: 144.656+/-0.061 χ^2/NDF : 949080.5/9

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

156.520+/-0.069 χ^2/NDF : 862333.7/7

144.656+/-0.061 χ^2/NDF : 949080.5/9

yield_bpm0i07WS_mean vs Slug



Right In: 152475.506 $\pm$ 0.115 χ^2 /NDF: 81770468.6/7

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

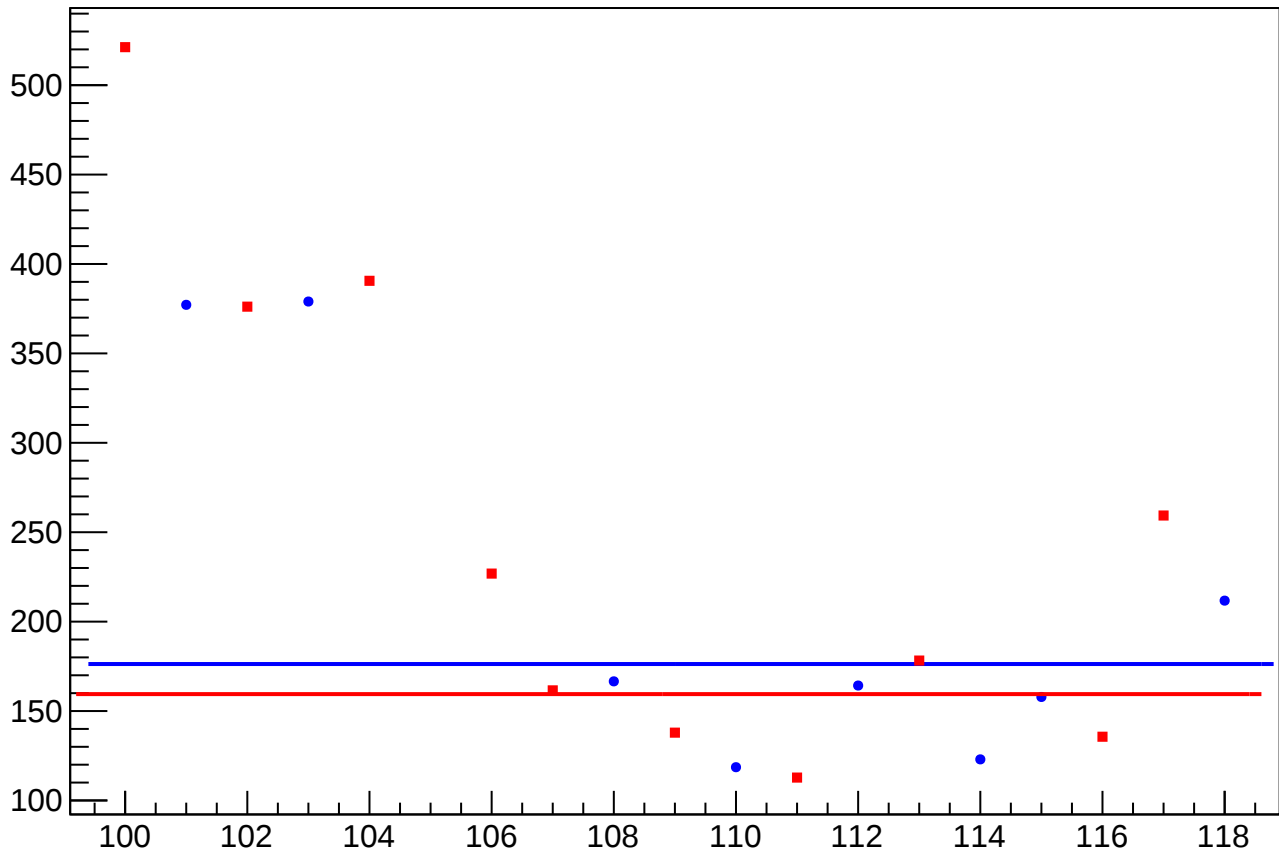
152475.506 $\pm$ 0.115 χ^2 /NDF: 81770468.6/7

Right Out: 152851.449 $\pm$ 0.098 χ^2 /NDF: 151468979.6/9

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

152851.449 $\pm$ 0.098 χ^2 /NDF: 151468979.6/9

yield_bpm0i07WS_rms vs Slug



Right In: 176.291+/-0.081 χ^2/NDF : 866646.4/7

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

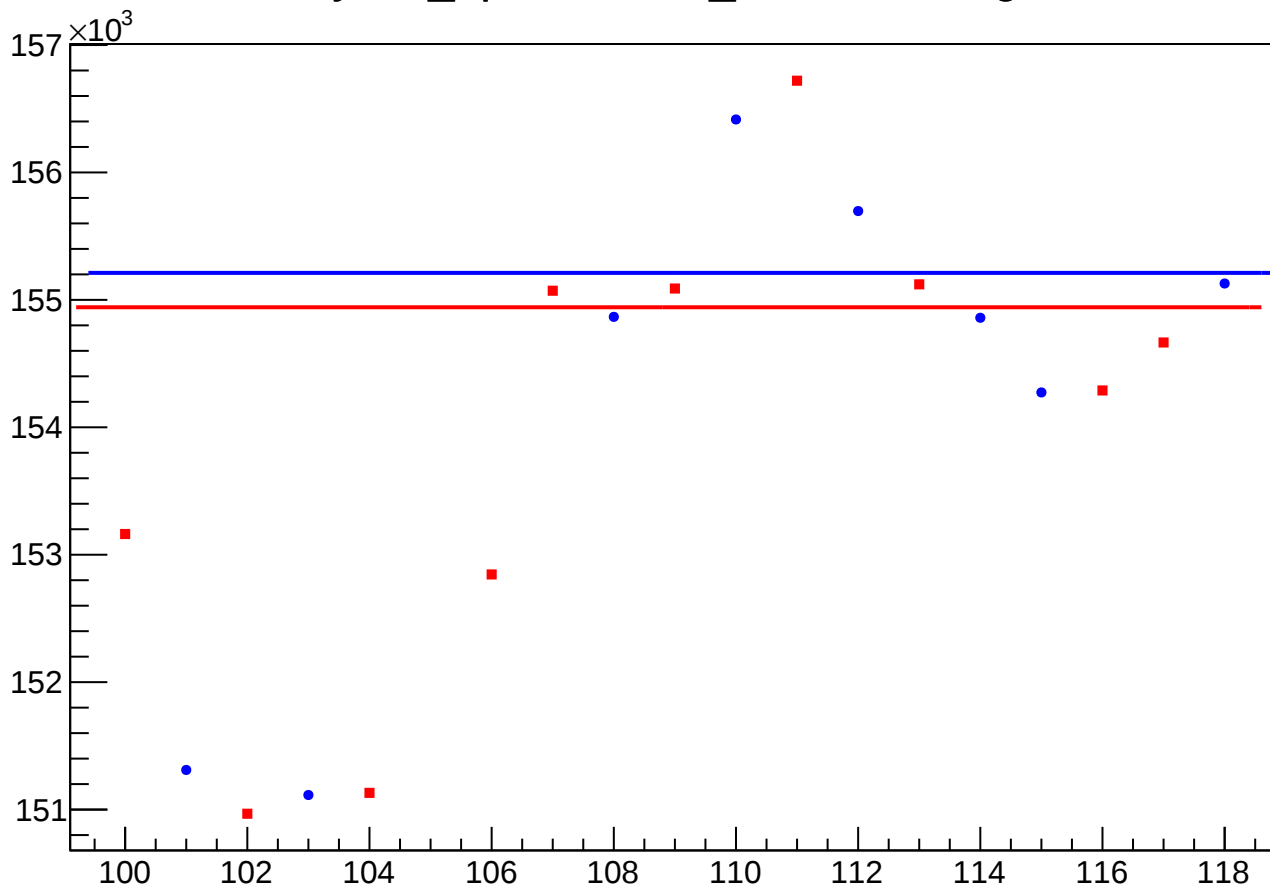
176.291+/-0.081 χ^2/NDF : 866646.4/7

Right Out: 159.471+/-0.069 χ^2/NDF : 1011072.2/9

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

159.471+/-0.069 χ^2/NDF : 1011072.2/9

yield_bpm1i02WS_mean vs Slug



Right In: 155211.894 $\pm$ 0.093 χ^2 /NDF: 161348717.1/7

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

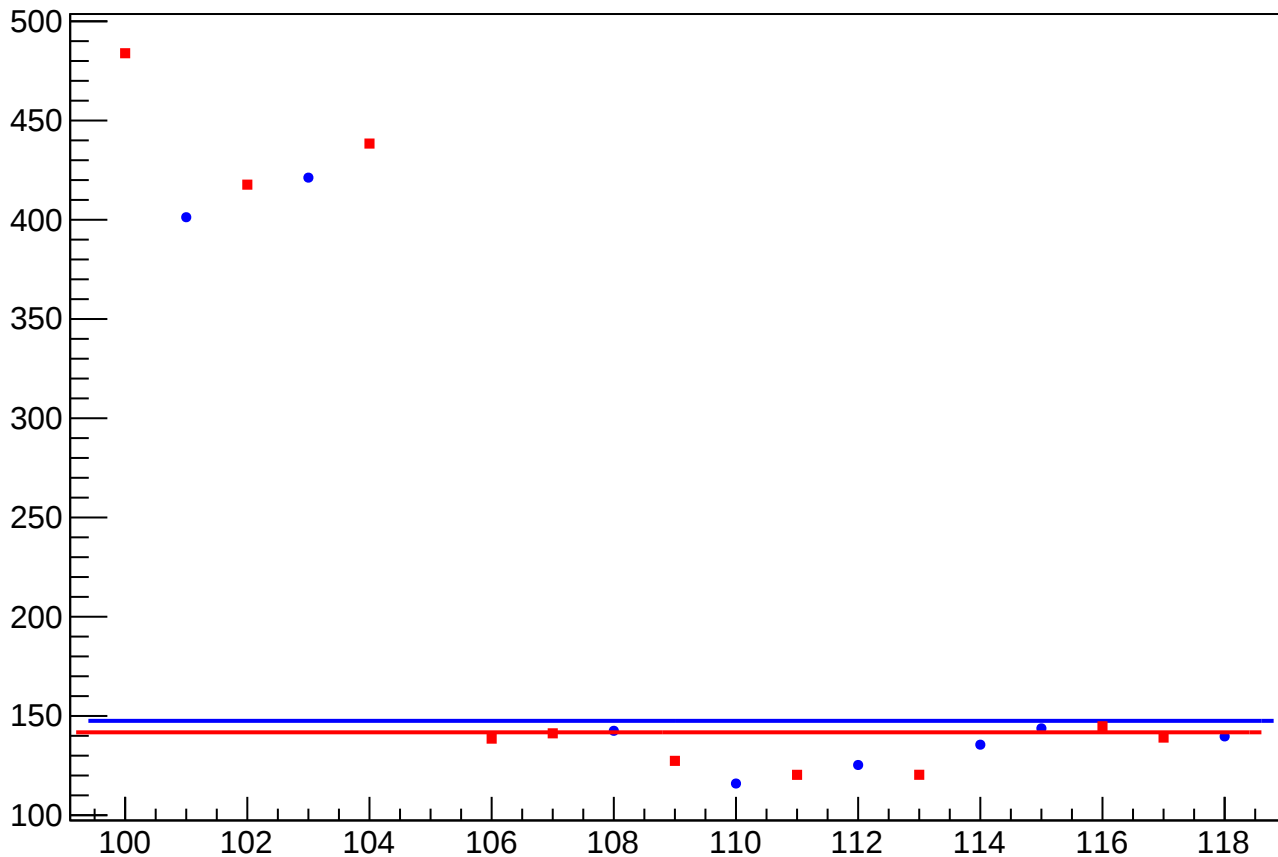
155211.894 $\pm$ 0.093 χ^2 /NDF: 161348717.1/7

Right Out: 154942.054 $\pm$ 0.084 χ^2 /NDF: 253540284.2/9

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

154942.054 $\pm$ 0.084 χ^2 /NDF: 253540284.2/9

yield_bpm1i02WS_rms vs Slug



Right In: 147.540+/-0.066 χ^2/NDF : 1030717.5/7

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

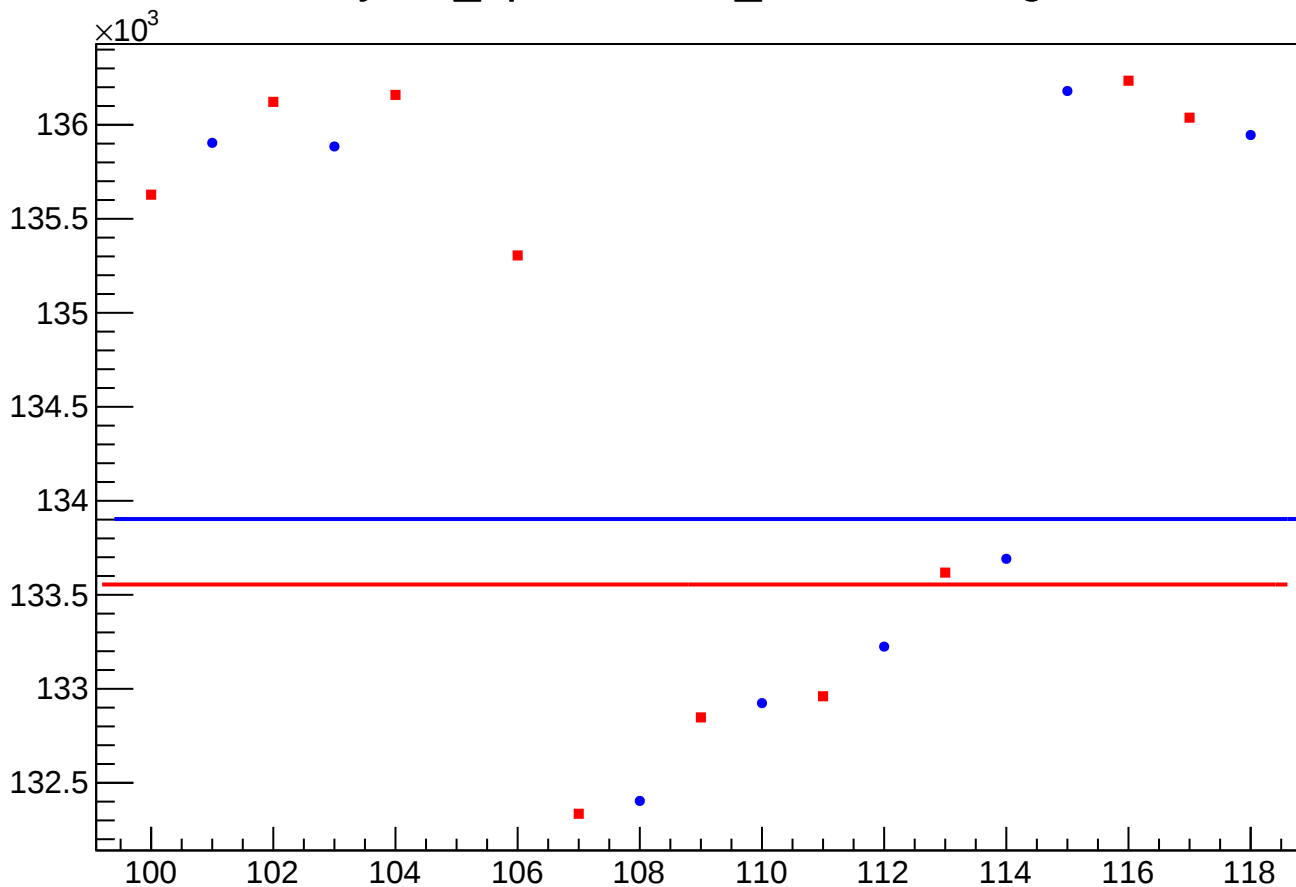
147.540+/-0.066 χ^2/NDF : 1030717.5/7

Right Out: 141.761+/-0.059 χ^2/NDF : 1063714.4/9

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

141.761+/-0.059 χ^2/NDF : 1063714.4/9

yield_bpm1i04WS_mean vs Slug



Right In: 133903.111 $\pm$ 0.070 χ^2 /NDF: 409163285.4/7

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

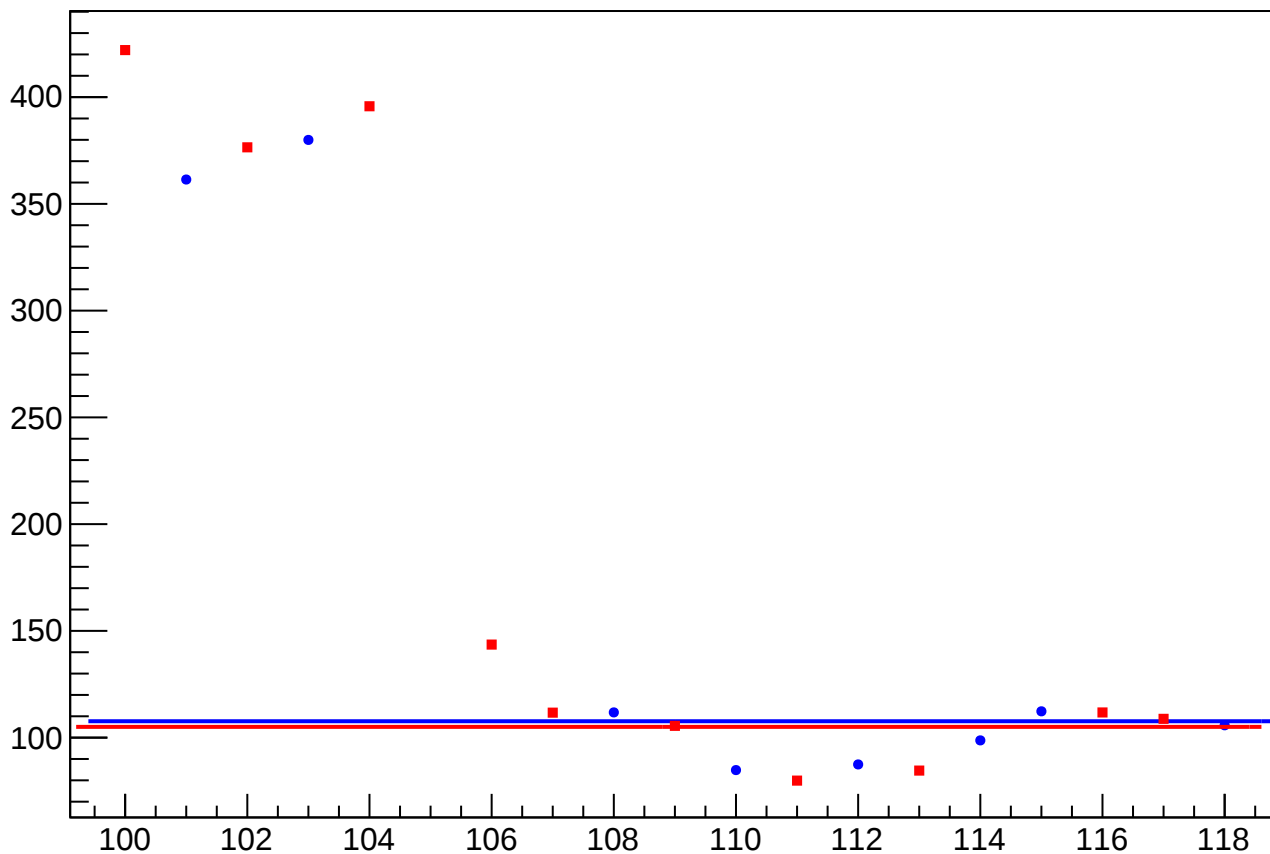
133903.111 $\pm$ 0.070 χ^2 /NDF: 409163285.4/7

Right Out: 133554.846 $\pm$ 0.065 χ^2 /NDF: 331577404.7/9

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

133554.846 $\pm$ 0.065 χ^2 /NDF: 331577404.7/9

yield_bpm1i04WS_rms vs Slug



Right In: 107.675+/-0.049 χ^2/NDF : 1257775.8/7

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

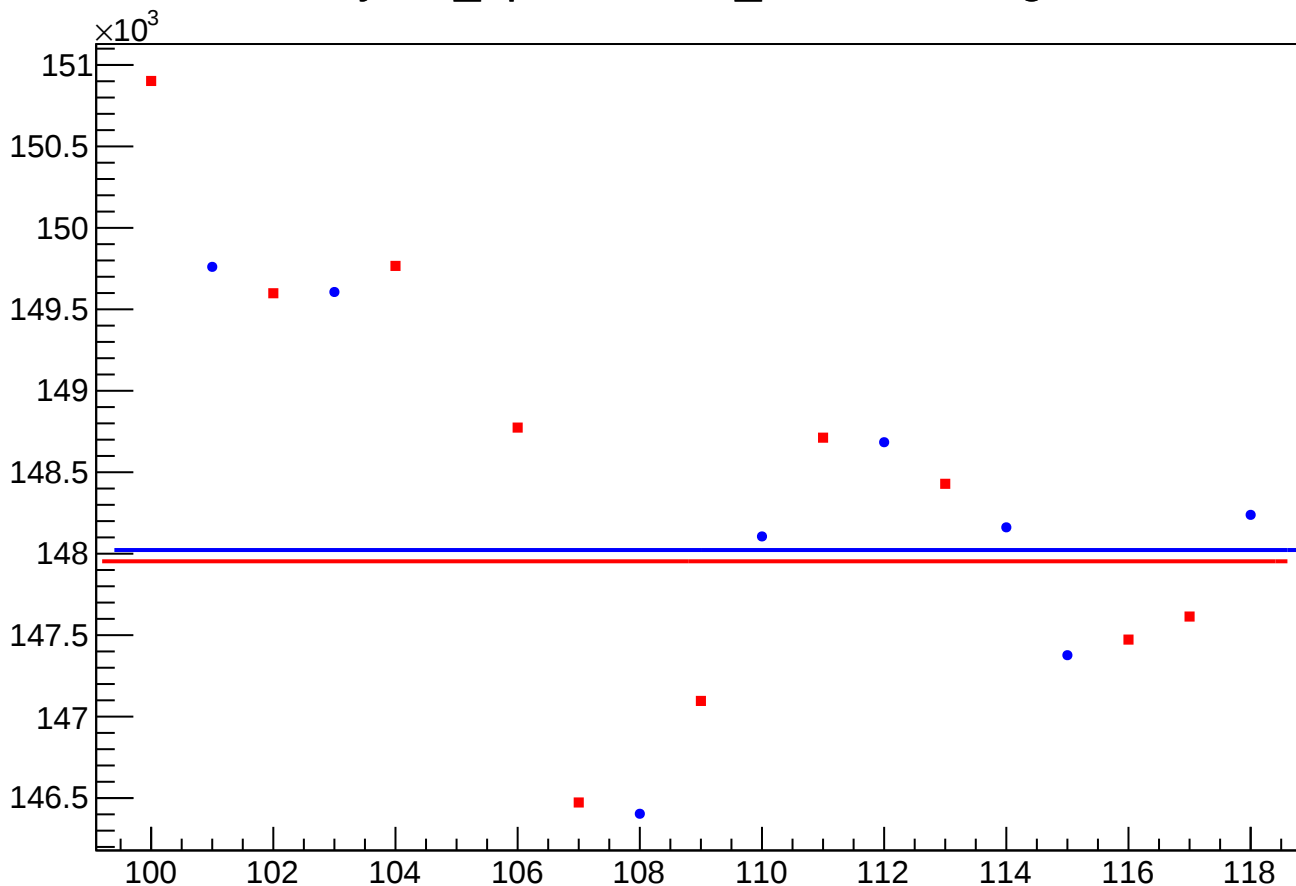
107.675+/-0.049 χ^2/NDF : 1257775.8/7

Right Out: 105.041+/-0.046 χ^2/NDF : 1347695.1/9

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

105.041+/-0.046 χ^2/NDF : 1347695.1/9

yield_bpm1i06WS_mean vs Slug



Right In: 148022.530 $\pm$ 0.087 χ^2 /NDF: 100524224.2/7

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

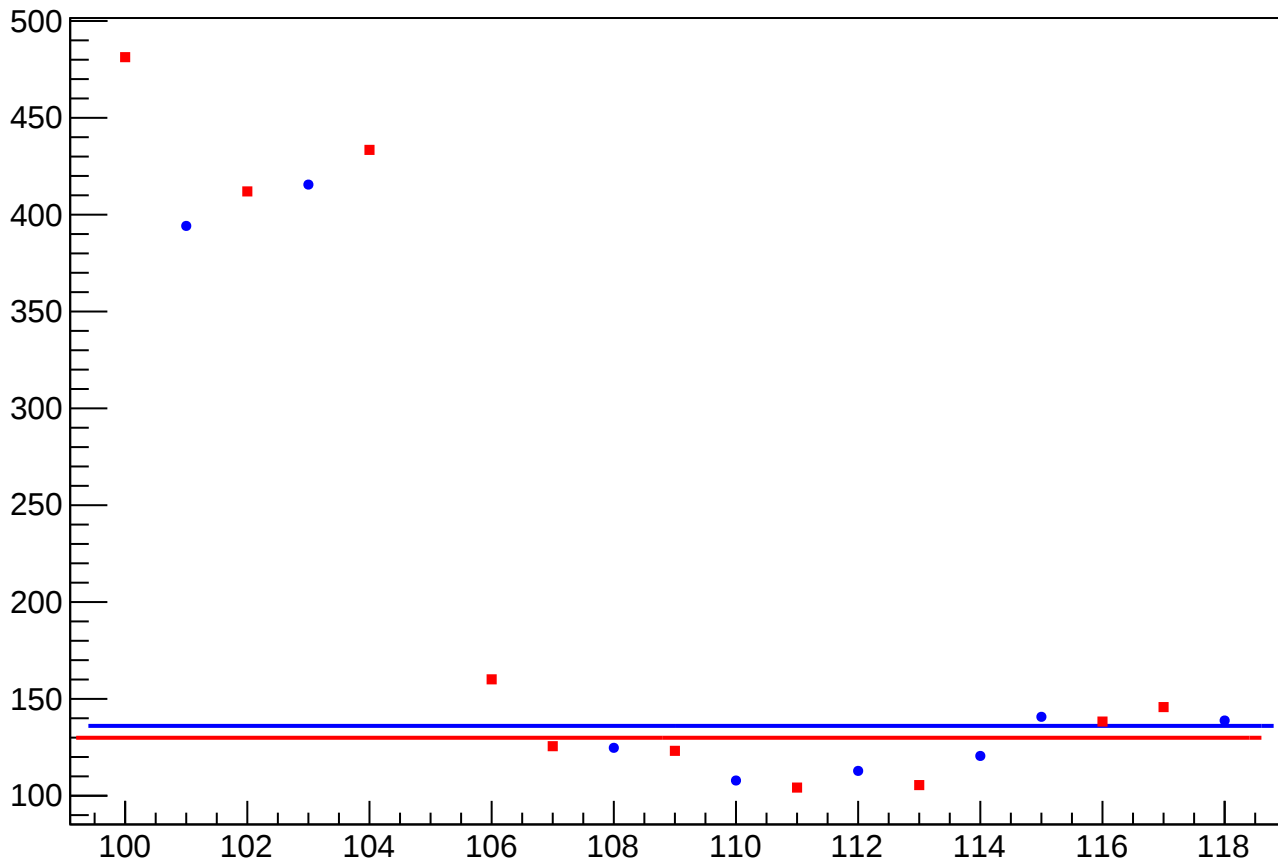
Right Out: 147953.330 $\pm$ 0.078 χ^2 /NDF: 133726372.2/9

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

148022.530 $\pm$ 0.087 χ^2 /NDF: 100524224.2/7

147953.330 $\pm$ 0.078 χ^2 /NDF: 133726372.2/9

yield_bpm1i06WS_rms vs Slug



Right In: 136.066 $\pm$ 0.061 χ^2 /NDF: 1108323.4/7

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

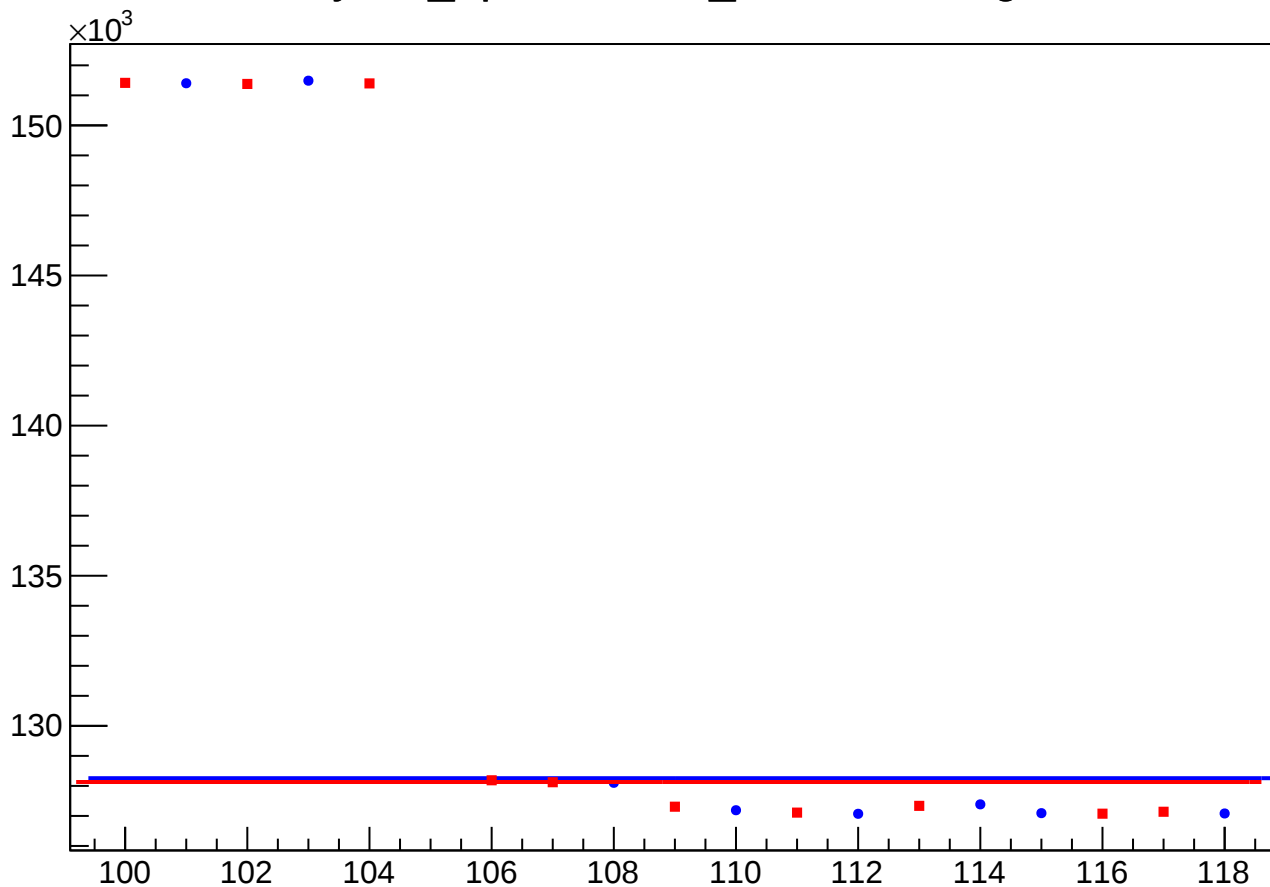
136.066 $\pm$ 0.061 χ^2 /NDF: 1108323.4/7

Right Out: 129.933 $\pm$ 0.055 χ^2 /NDF: 1191922.4/9

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

129.933 $\pm$ 0.055 χ^2 /NDF: 1191922.4/9

yield_bpm2i01WS_mean vs Slug



Right In: 128256.851 $\pm$ 0.075 χ^2 /NDF: 4113337956.9/7

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

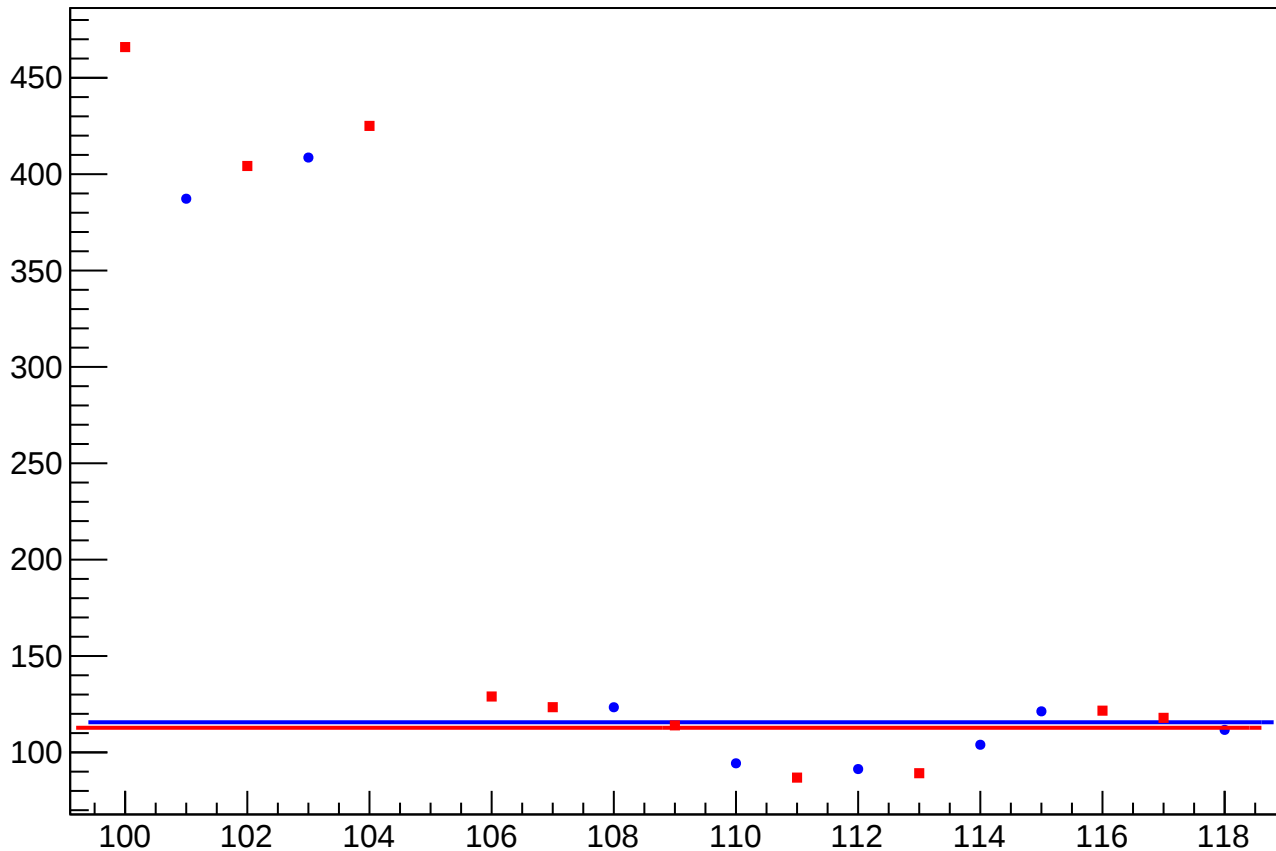
Right Out: 128130.116 $\pm$ 0.069 χ^2 /NDF: 3591182271.5/9

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

128256.851 $\pm$ 0.075 χ^2 /NDF: 4113337956.9/7

128130.116 $\pm$ 0.069 χ^2 /NDF: 3591182271.5/9

yield_bpm2i01WS_rms vs Slug



Right In: 115.623+/-0.053 χ^2/NDF : 1259821.4/7

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

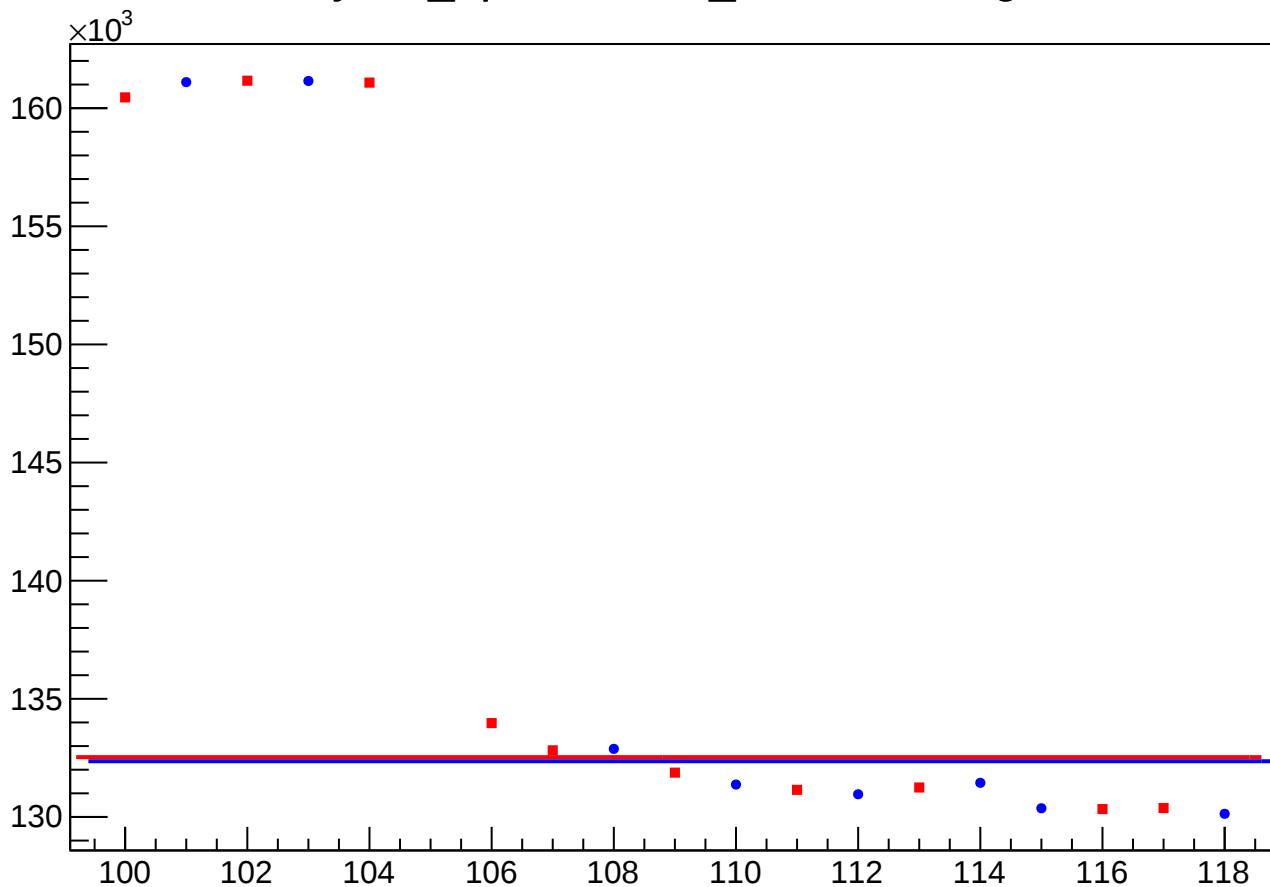
115.623+/-0.053 χ^2/NDF : 1259821.4/7

Right Out: 112.770+/-0.049 χ^2/NDF : 1329328.9/9

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

112.770+/-0.049 χ^2/NDF : 1329328.9/9

yield_bpm2i02WS_mean vs Slug



Right In: 132358.239 $\pm$ 0.079 χ^2 /NDF: 5769935071.1/7

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

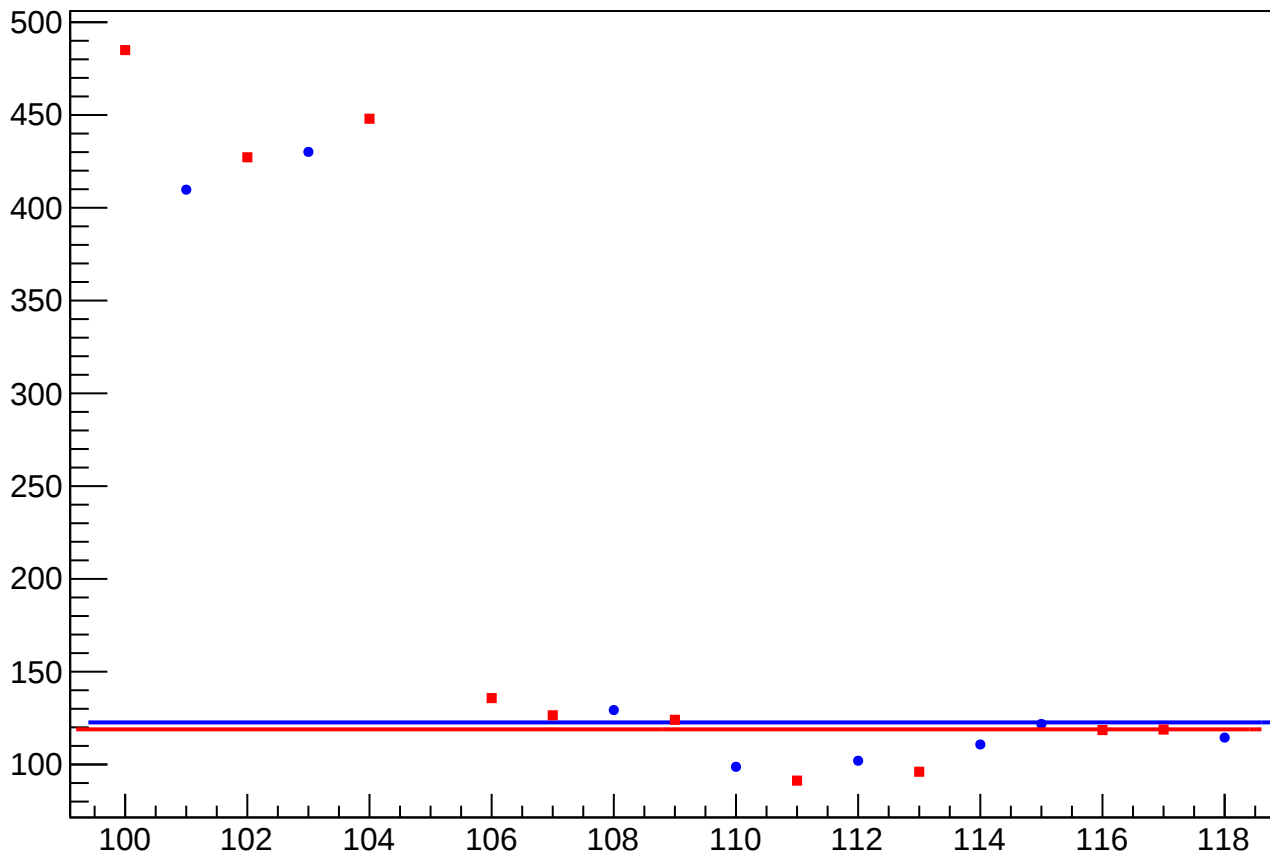
132358.239 $\pm$ 0.079 χ^2 /NDF: 5769935071.1/7

Right Out: 132532.117 $\pm$ 0.072 χ^2 /NDF: 4998209995.5/9

132532.117 $\pm$ 0.072 χ^2 /NDF: 4998209995.5/9

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

yield_bpm2i02WS_rms vs Slug



Right In: 122.671+/-0.056 χ^2/NDF : 1238223.7/7

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

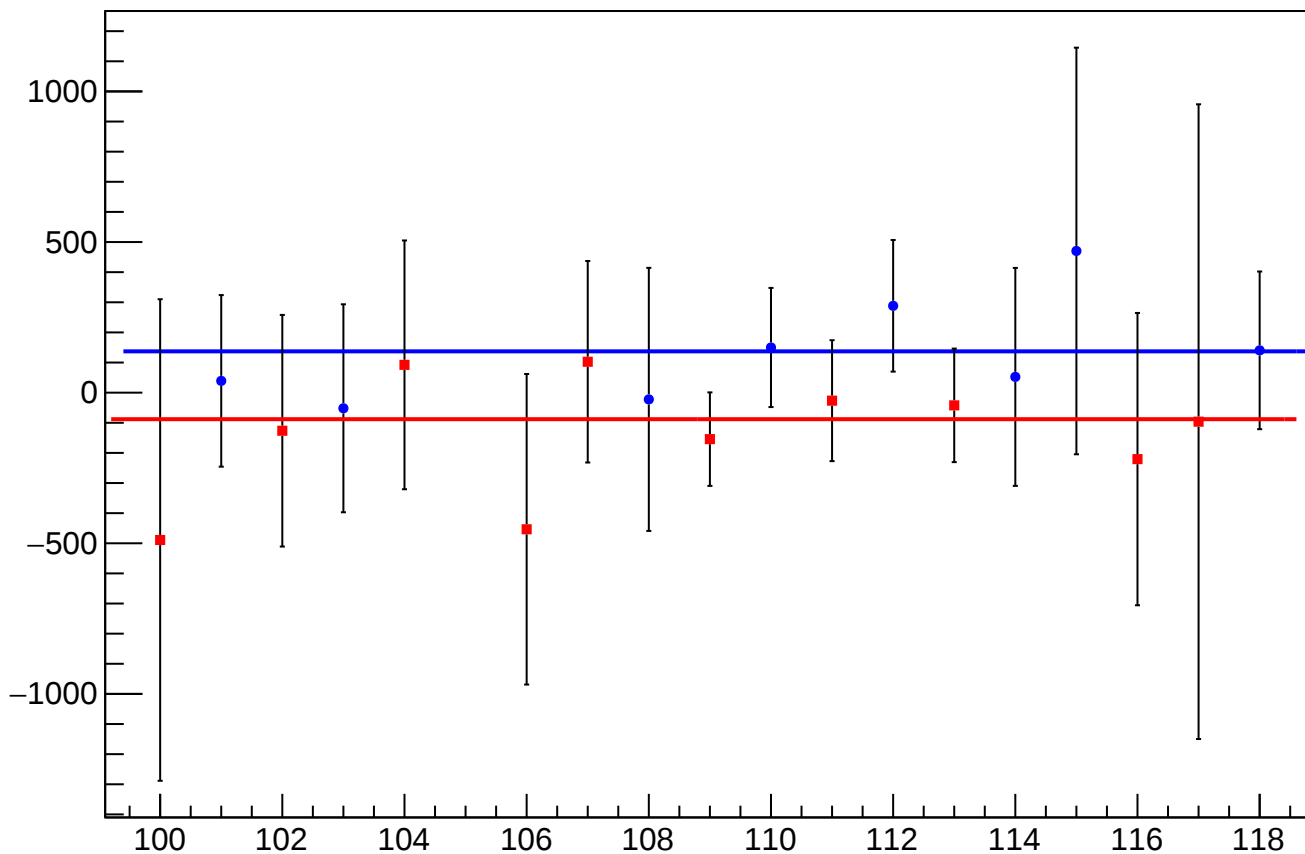
Right Out: 118.936+/-0.051 χ^2/NDF : 1316026.2/9

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

122.671+/-0.056 χ^2/NDF : 1238223.7/7

118.936+/-0.051 χ^2/NDF : 1316026.2/9

asym_bcm_an_ds_mean vs Slug



Right In: 137.123+/-101.572 χ^2/NDF : 1.3/7

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

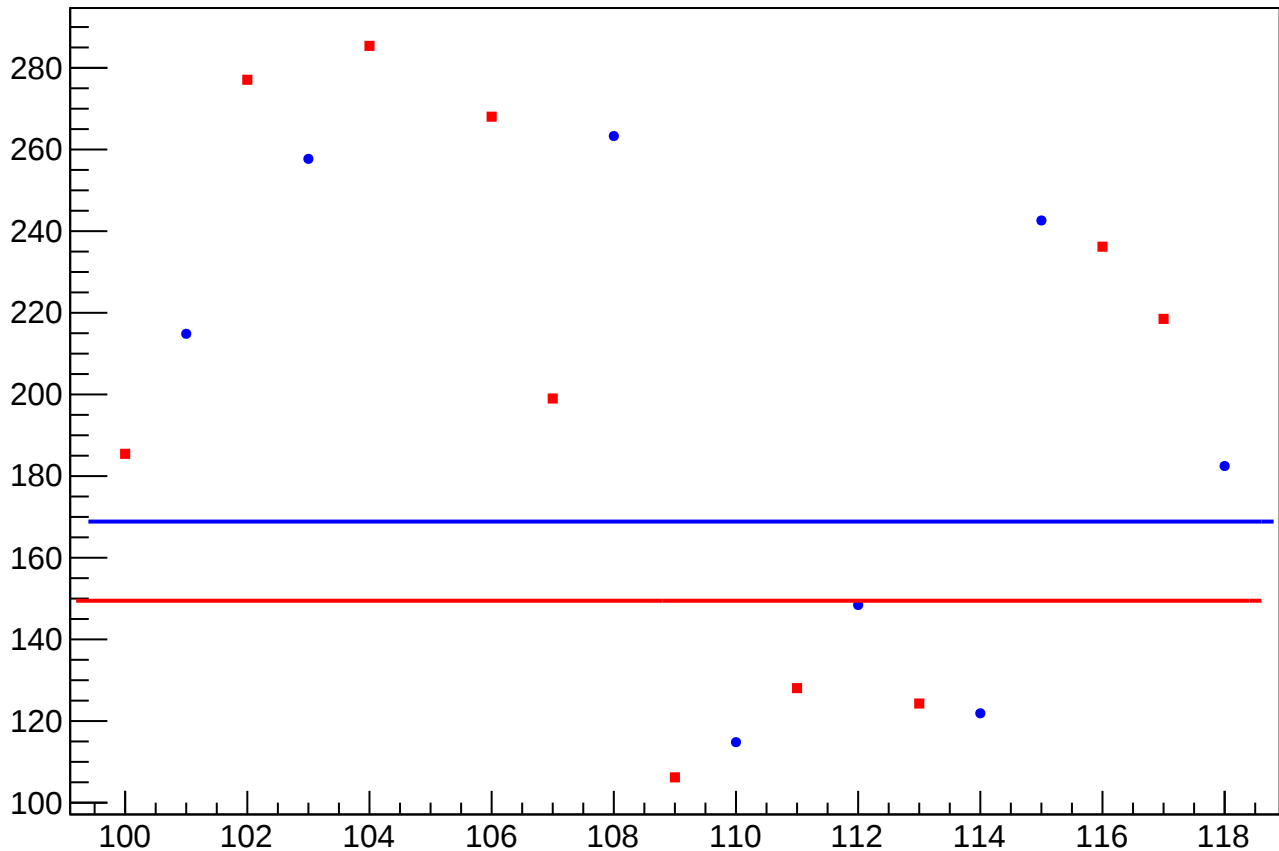
Right Out: -88.058+/-88.892 χ^2/NDF : 1.7/9

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

137.123+/-101.572 χ^2/NDF : 1.3/7

-88.058+/-88.892 χ^2/NDF : 1.7/9

asym_bcm_an_ds_rms vs Slug



Right In: 168.862+/-0.072 χ^2/NDF : 508024.8/7

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

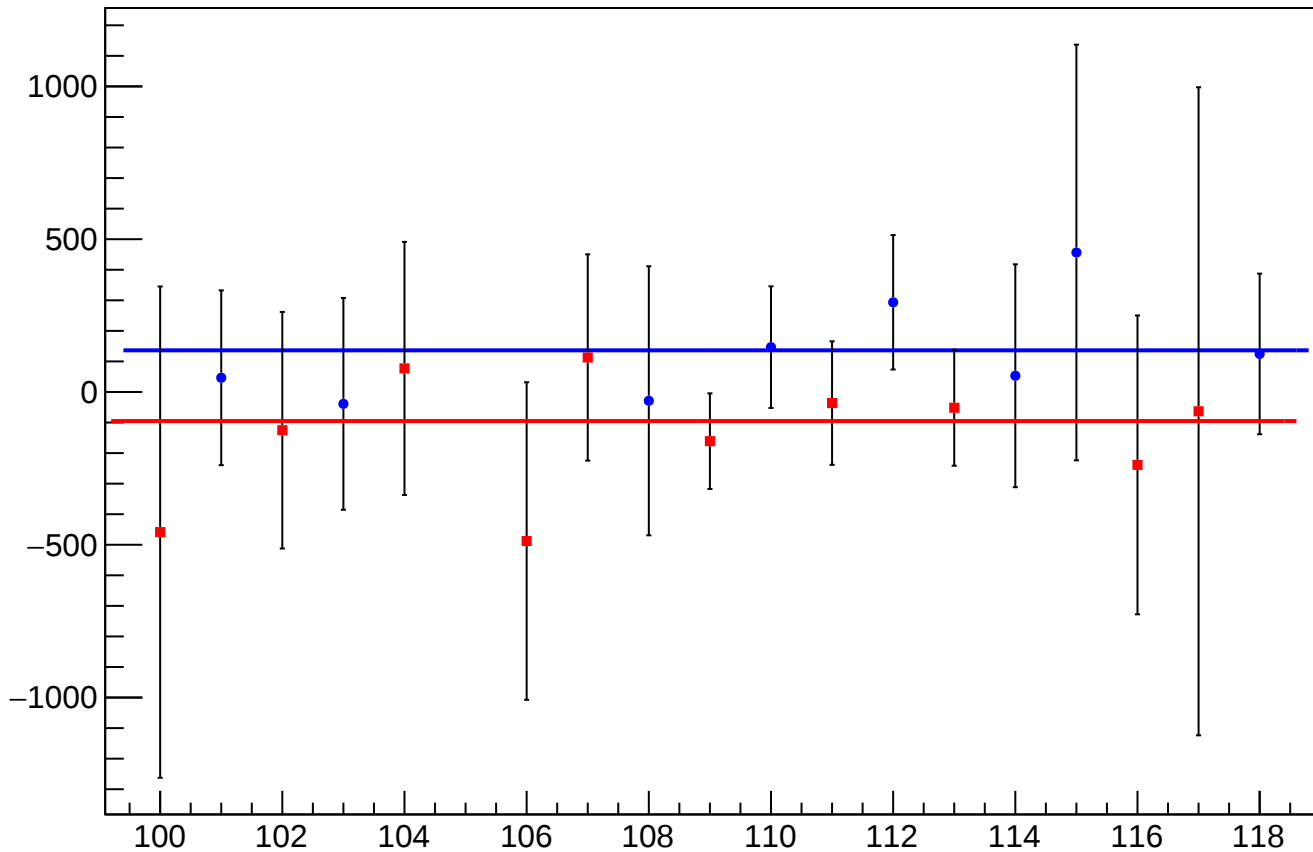
168.862+/-0.072 χ^2/NDF : 508024.8/7

Right Out: 149.471+/-0.063 χ^2/NDF : 877277.0/9

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

149.471+/-0.063 χ^2/NDF : 877277.0/9

asym_bcm_an_ds3_mean vs Slug



Right In: 136.300 $\pm$ 102.181 χ^2 /NDF: 1.3/7

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

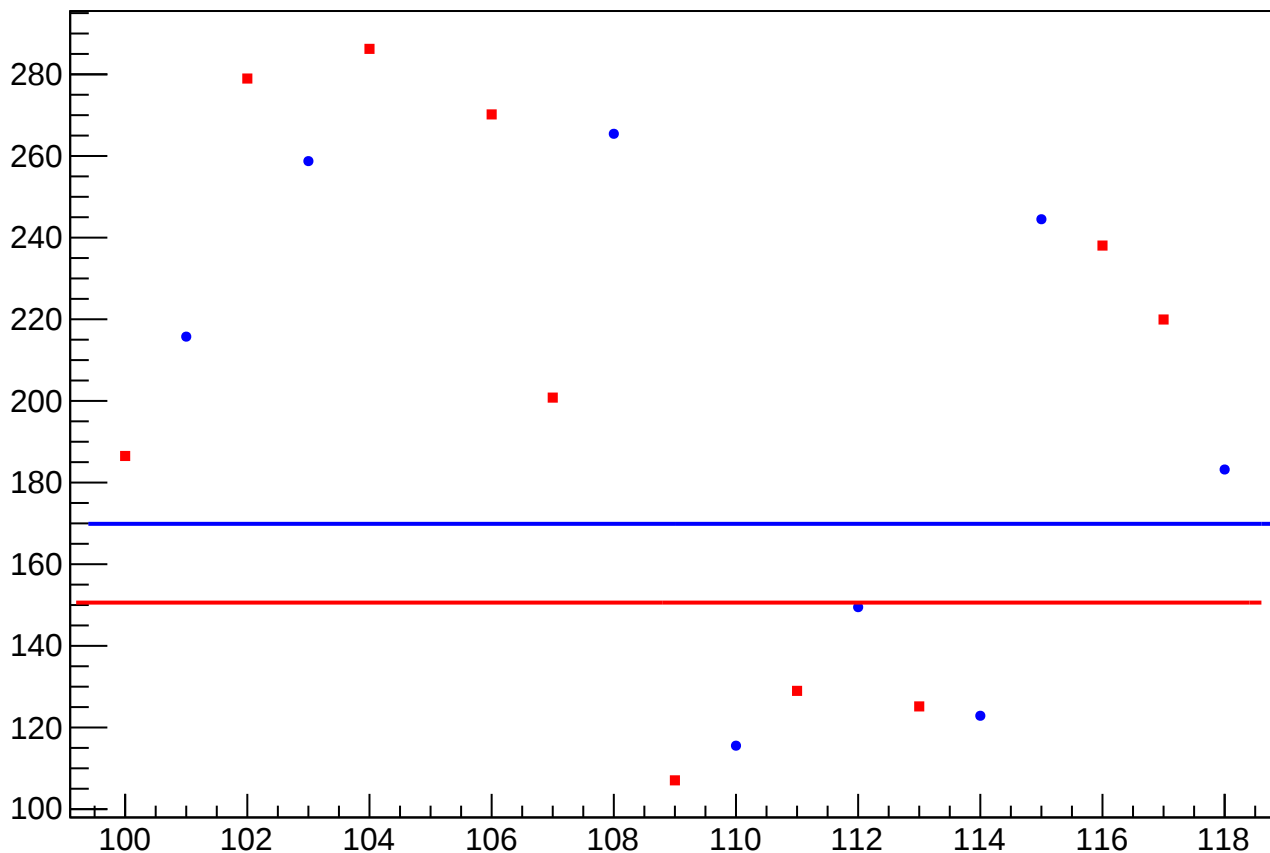
Right Out: -95.088 $\pm$ 89.549 χ^2 /NDF: 1.7/9

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

136.300 $\pm$ 102.181 χ^2 /NDF: 1.3/7

-95.088 $\pm$ 89.549 χ^2 /NDF: 1.7/9

asym_bcm_an_ds3_rms vs Slug



Right In: 169.891+/-0.072 χ^2/NDF : 505837.3/7

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

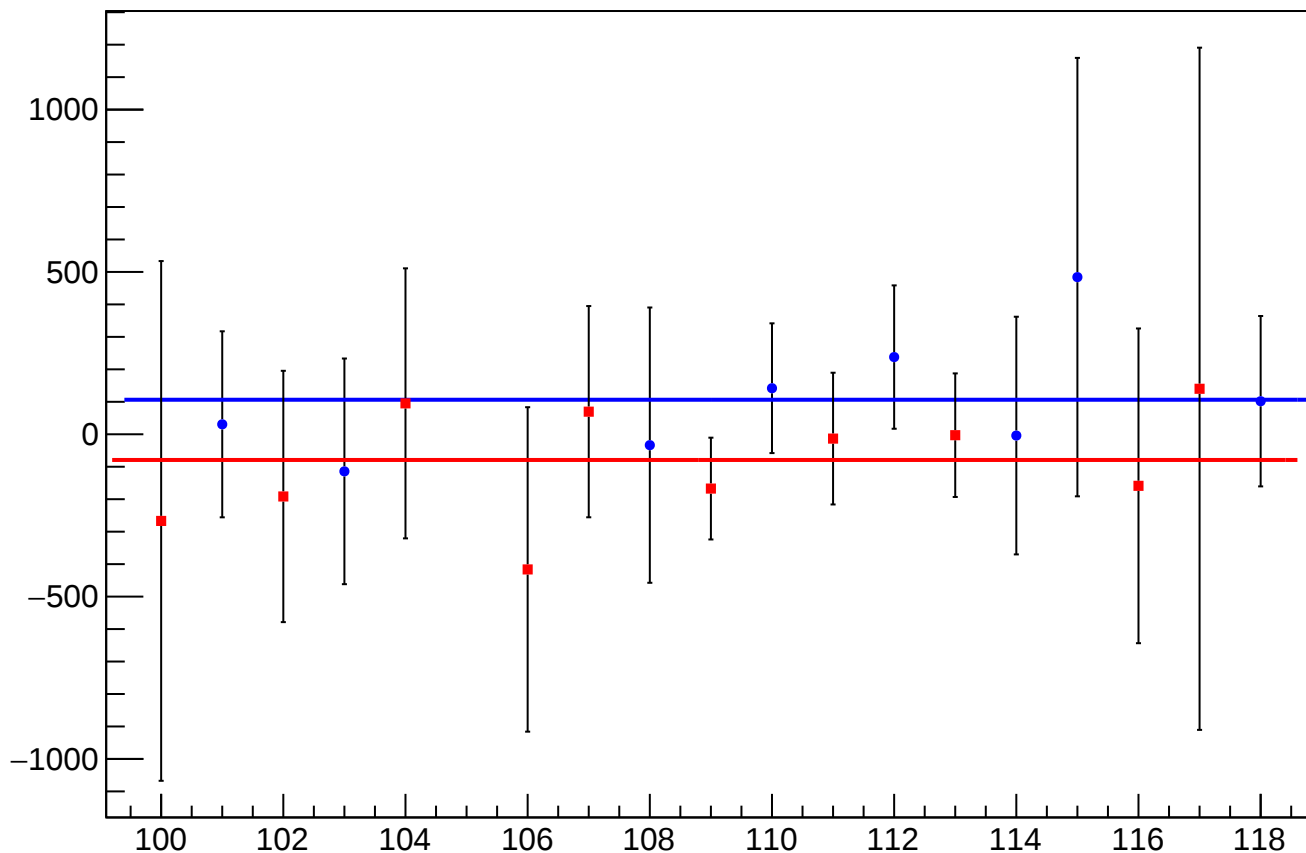
Right Out: 150.597+/-0.063 χ^2/NDF : 875042.8/9

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

169.891+/-0.072 χ^2/NDF : 505837.3/7

150.597+/-0.063 χ^2/NDF : 875042.8/9

asym_bcm_an_us_mean vs Slug



Right In: 106.352+/-102.187 χ^2/NDF : 1.4/7

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

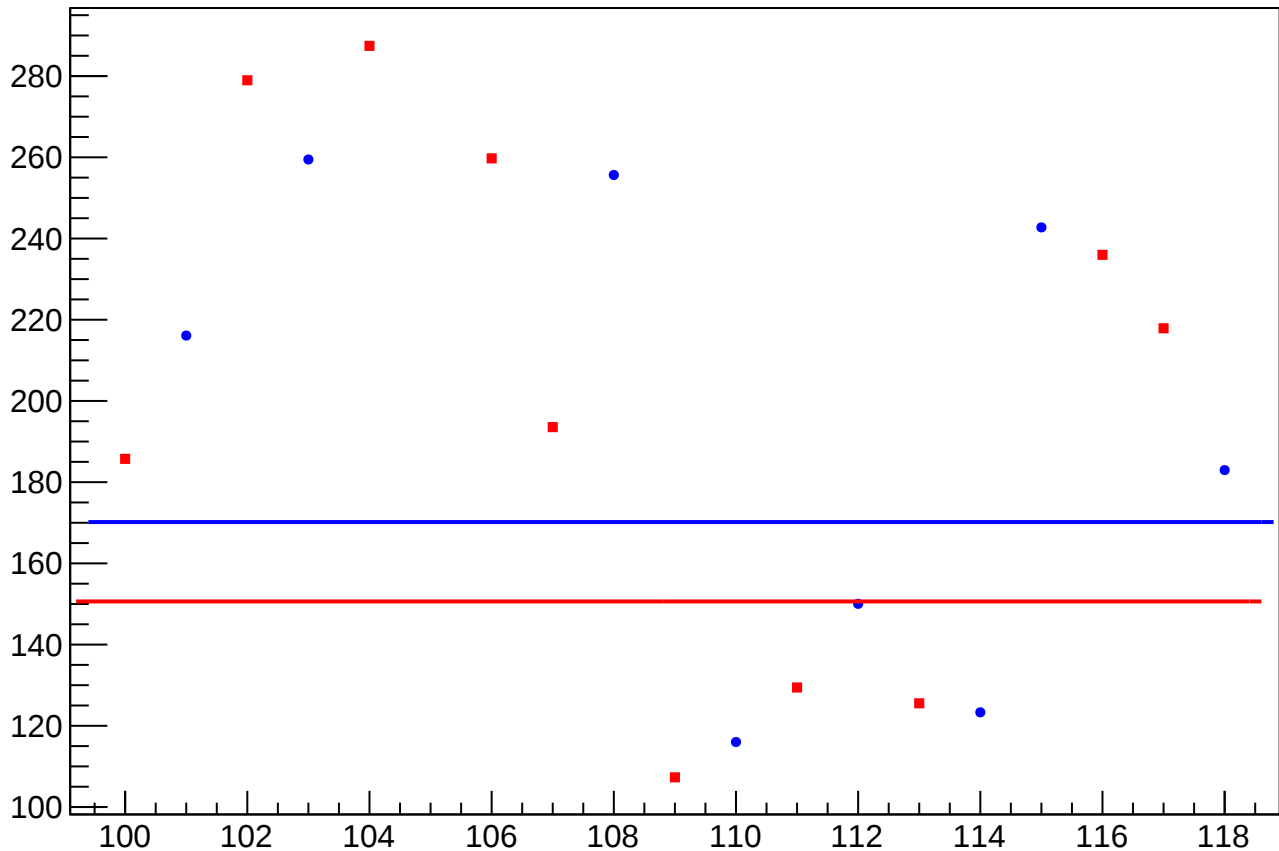
Right Out: -79.146+/-89.363 χ^2/NDF : 1.6/9

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

106.352+/-102.187 χ^2/NDF : 1.4/7

-79.146+/-89.363 χ^2/NDF : 1.6/9

asym_bcm_an_us_rms vs Slug



Right In: 170.176+/-0.072 χ^2/NDF : 488896.1/7

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

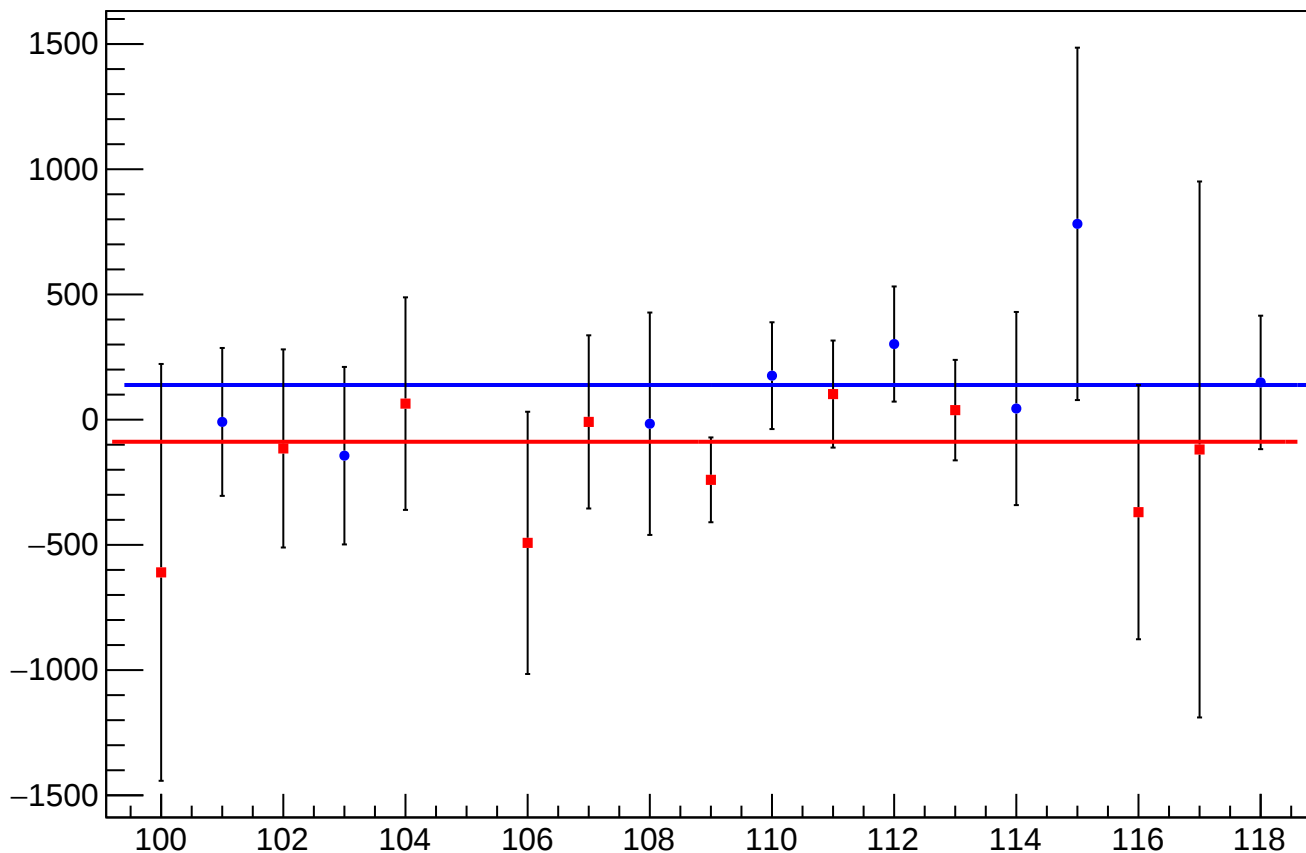
170.176+/-0.072 χ^2/NDF : 488896.1/7

Right Out: 150.624+/-0.063 χ^2/NDF : 849935.6/9

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

150.624+/-0.063 χ^2/NDF : 849935.6/9

asym_bcm_dg_us_mean vs Slug



Right In: 138.480 $\pm$ 106.460 χ^2 /NDF: 2.4/7

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

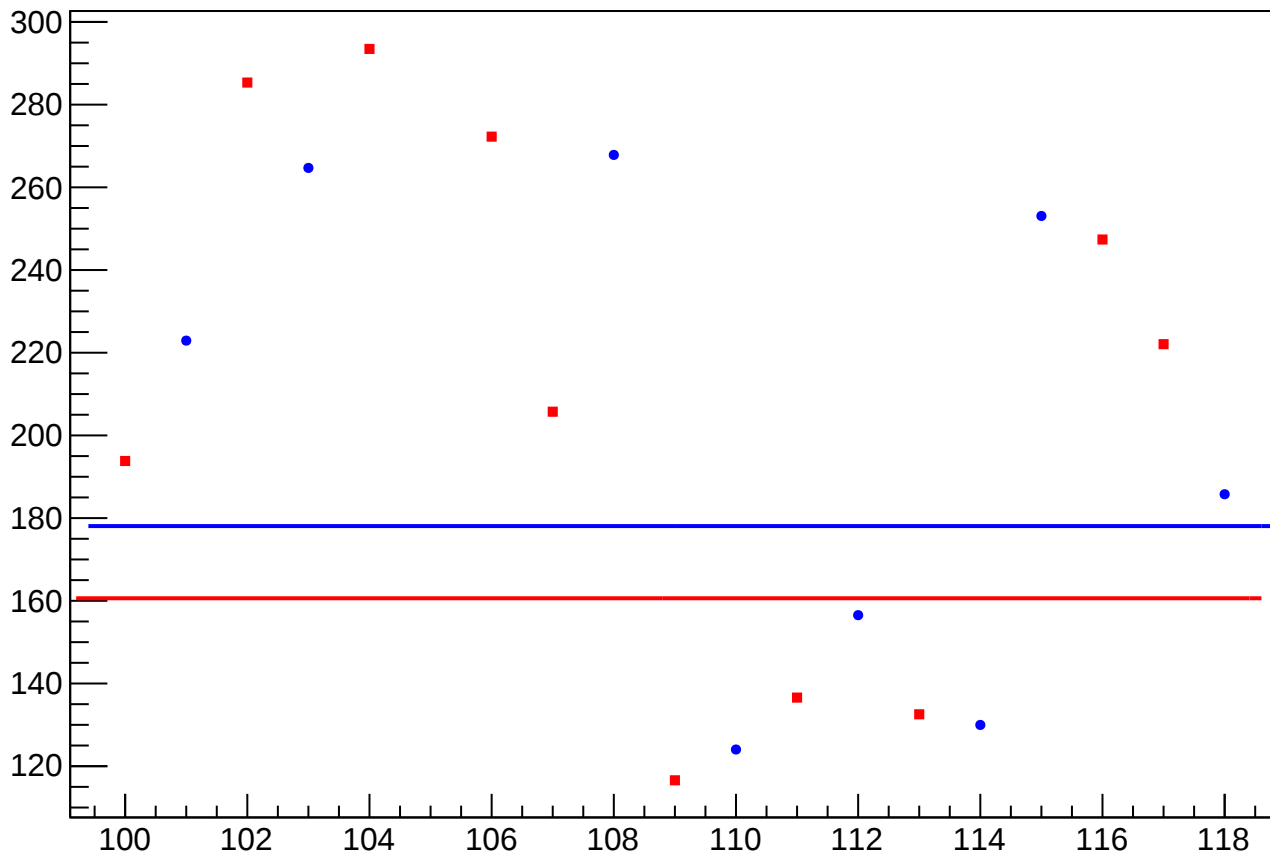
Right Out: -88.231 $\pm$ 94.596 χ^2 /NDF: 3.5/9

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

138.480 $\pm$ 106.460 χ^2 /NDF: 2.4/7

-88.231 $\pm$ 94.596 χ^2 /NDF: 3.5/9

asym_bcm_dg_us_rms vs Slug



Right In: 178.071+/-0.075 χ^2/NDF : 448833.6/7

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

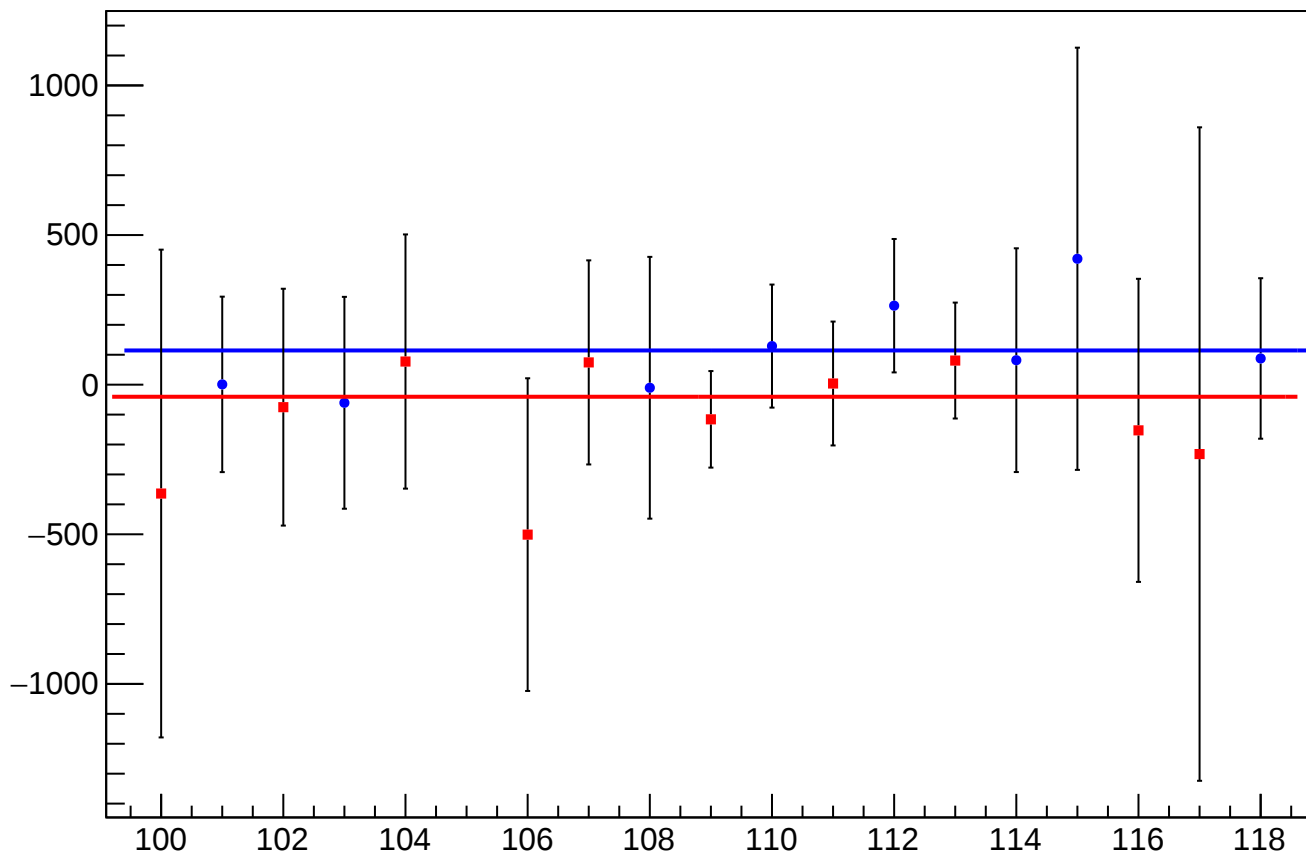
Right Out: 160.611+/-0.067 χ^2/NDF : 787620.0/9

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

178.071+/-0.075 χ^2/NDF : 448833.6/7

160.611+/-0.067 χ^2/NDF : 787620.0/9

asym_bcm_dg_ds_mean vs Slug



Right In: 114.342 $\pm$ 104.440 χ^2 /NDF: 1.1/7

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

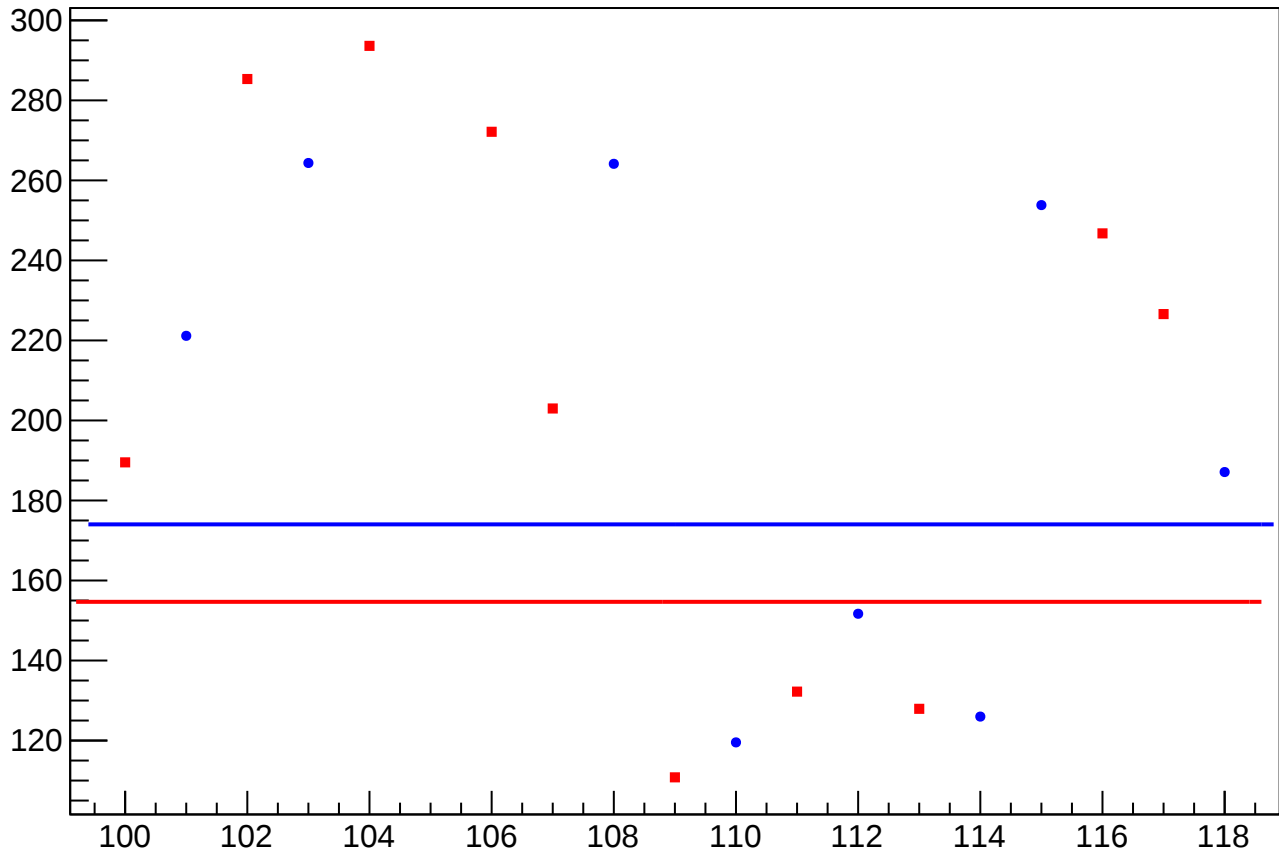
Right Out: -40.366 $\pm$ 91.726 χ^2 /NDF: 1.9/9

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

114.342 $\pm$ 104.440 χ^2 /NDF: 1.1/7

-40.366 $\pm$ 91.726 χ^2 /NDF: 1.9/9

asym_bcm_dg_ds_rms vs Slug



Right In: 174.029+/-0.074 χ^2/NDF : 490632.7/7

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

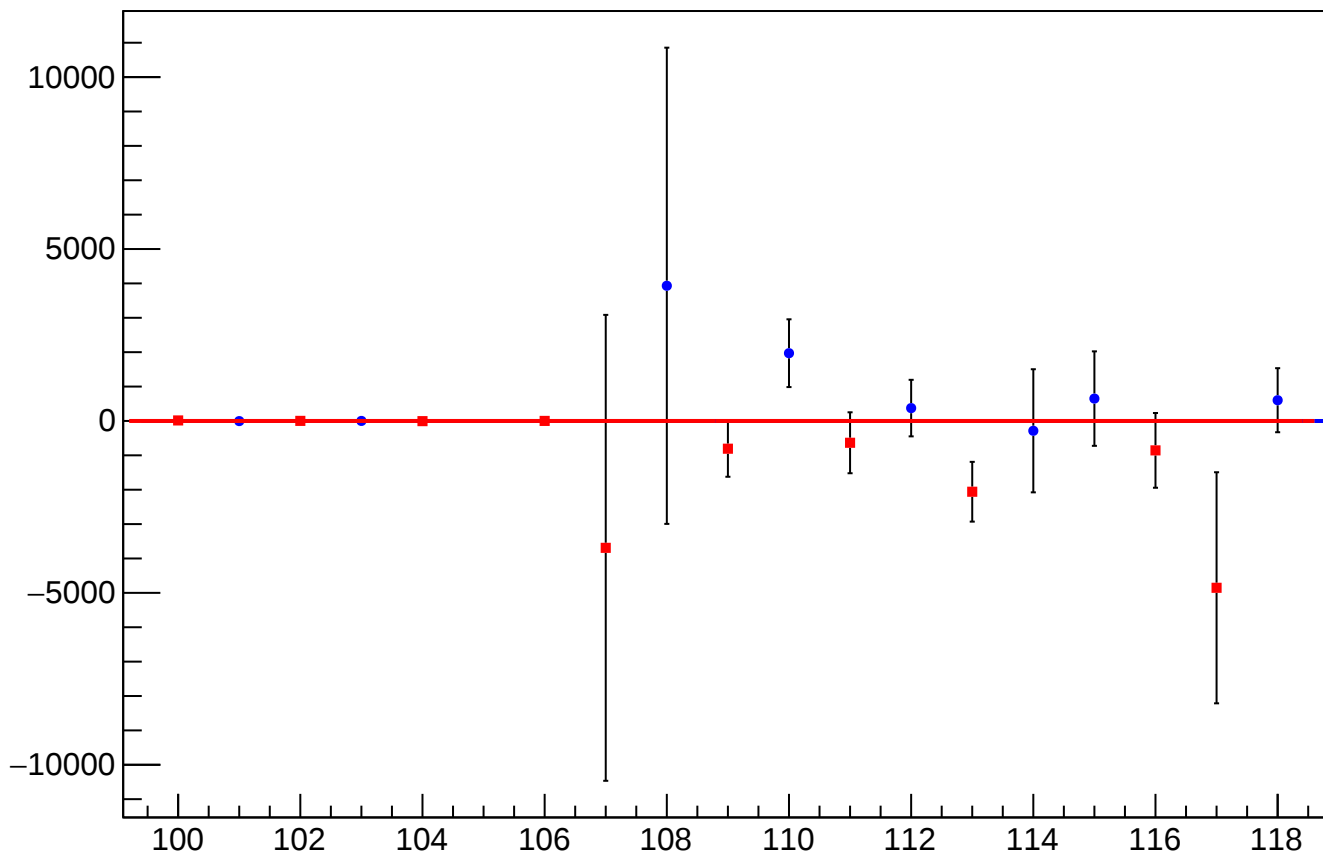
Right Out: 154.670+/-0.065 χ^2/NDF : 861314.5/9

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

174.029+/-0.074 χ^2/NDF : 490632.7/7

154.670+/-0.065 χ^2/NDF : 861314.5/9

asym_cav4bQ_mean vs Slug



Right In: -1.502±2.252 χ^2 /NDF: 6.5/7

Left Out: 0.000±0.000 χ^2 /NDF: 0.0/0

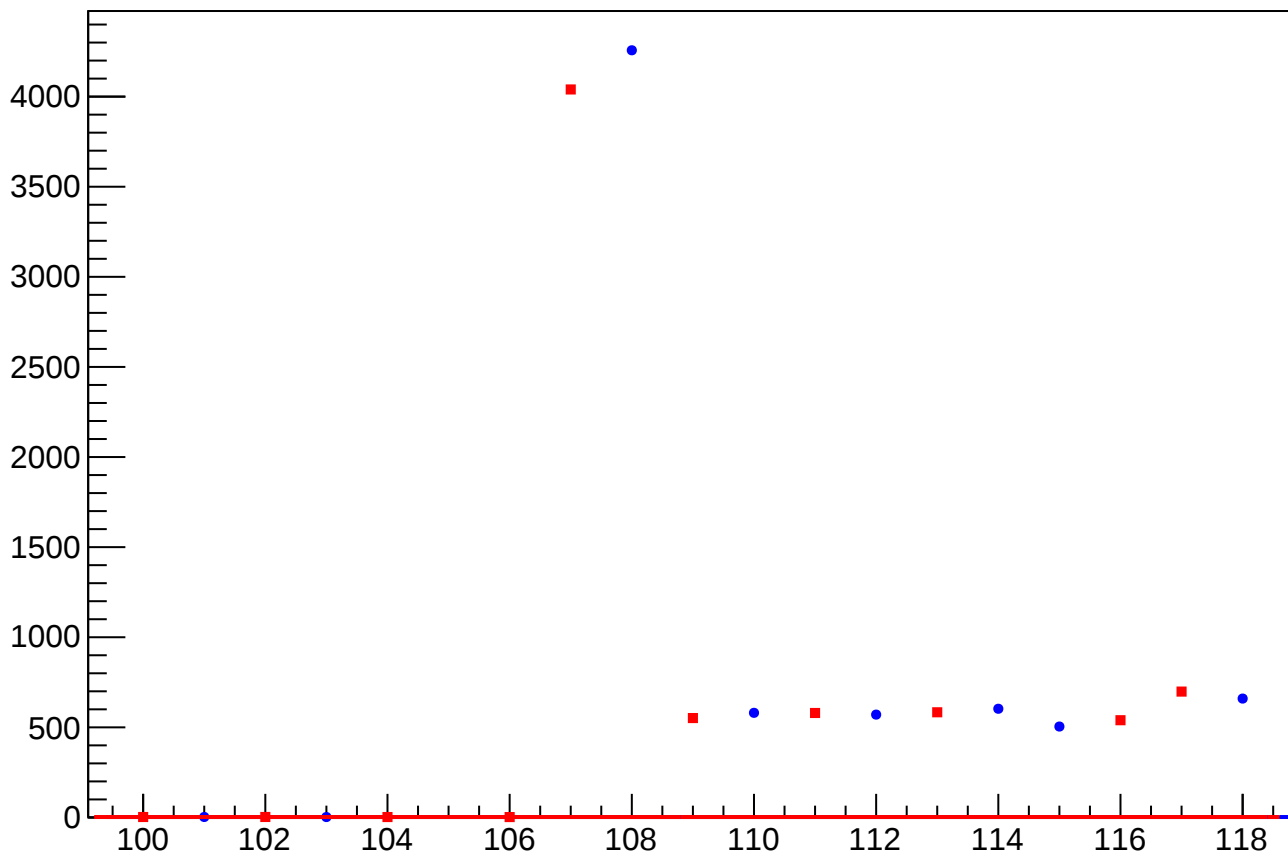
Right Out: -0.738±2.111 χ^2 /NDF: 16.0/9

Left In: 0.000±0.000 χ^2 /NDF: 0.0/0

-1.502±2.252 χ^2 /NDF: 6.5/7

-0.738±2.111 χ^2 /NDF: 16.0/9

asym_cav4bQ_rms vs Slug



Right In: 2.424+/-0.002 χ^2/NDF : 3900084.6/7

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

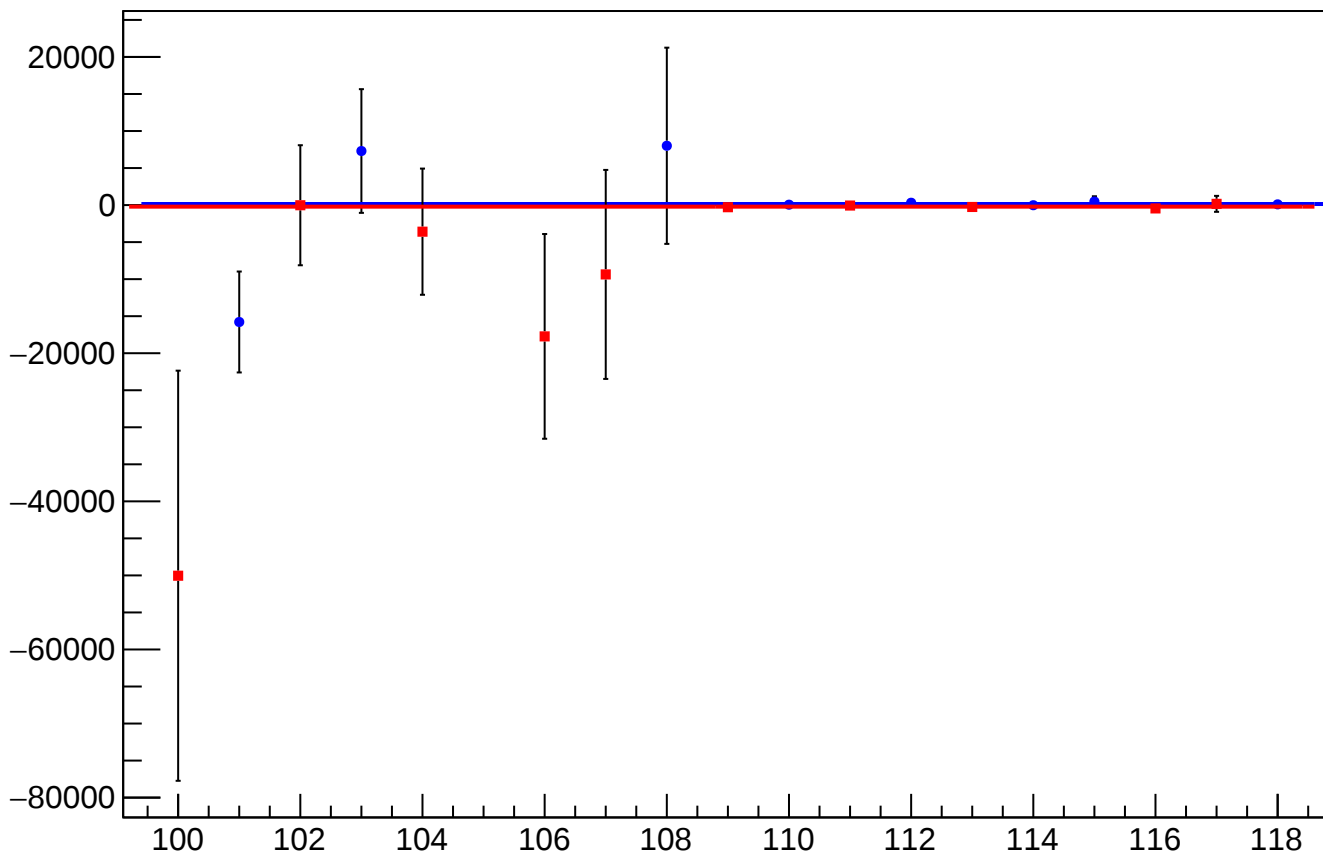
Right Out: 2.409+/-0.001 χ^2/NDF : 3944699.4/9

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

2.424+/-0.002 χ^2/NDF : 3900084.6/7

2.409+/-0.001 χ^2/NDF : 3944699.4/9

asym_cav4cQ_mean vs Slug



Right In: 145.265+/-125.197 χ^2/NDF : 7.8/7

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

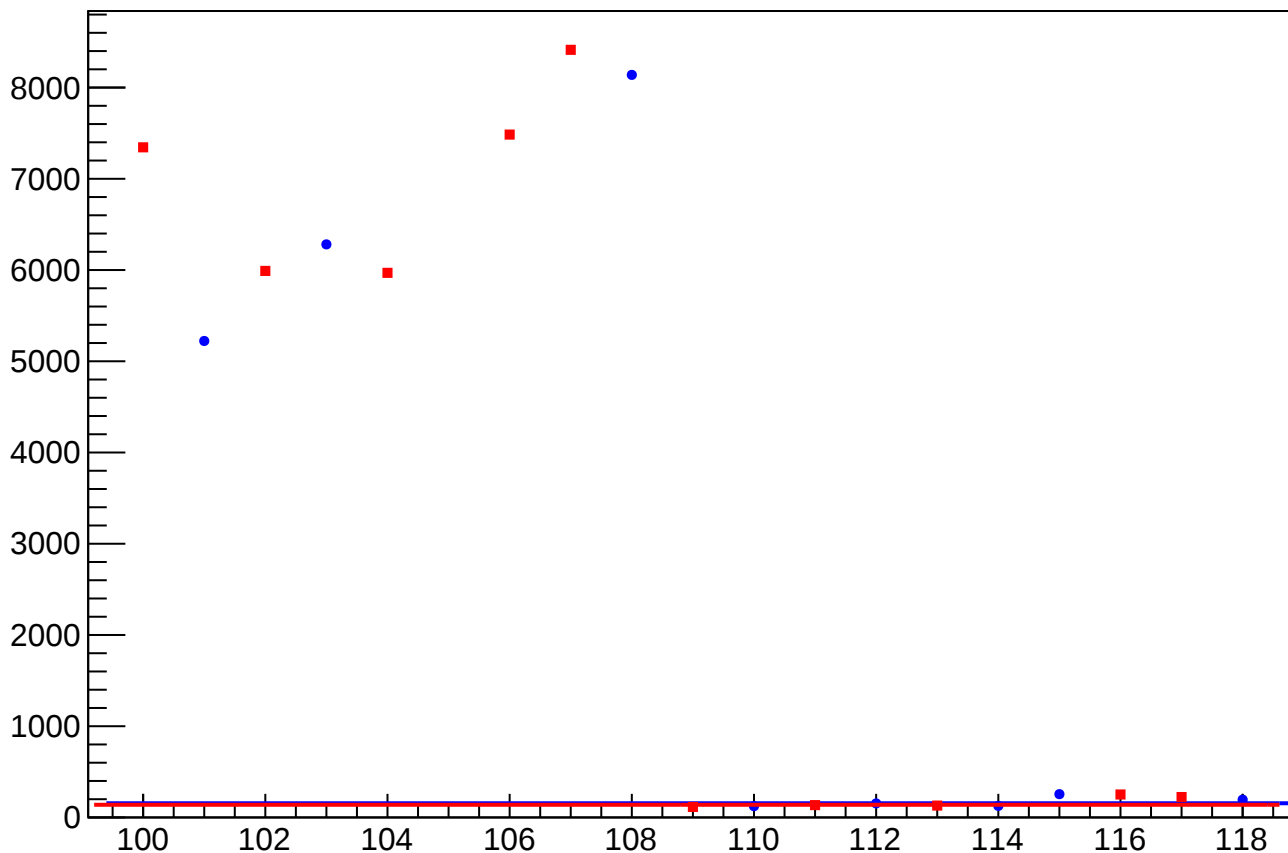
Right Out: -211.543+/-118.285 χ^2/NDF : 6.4/9

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

145.265+/-125.197 χ^2/NDF : 7.8/7

-211.543+/-118.285 χ^2/NDF : 6.4/9

asym_cav4cQ_rms vs Slug



Right In: 155.532 $\pm$ 0.089 χ^2 /NDF: 3045851.6/7

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

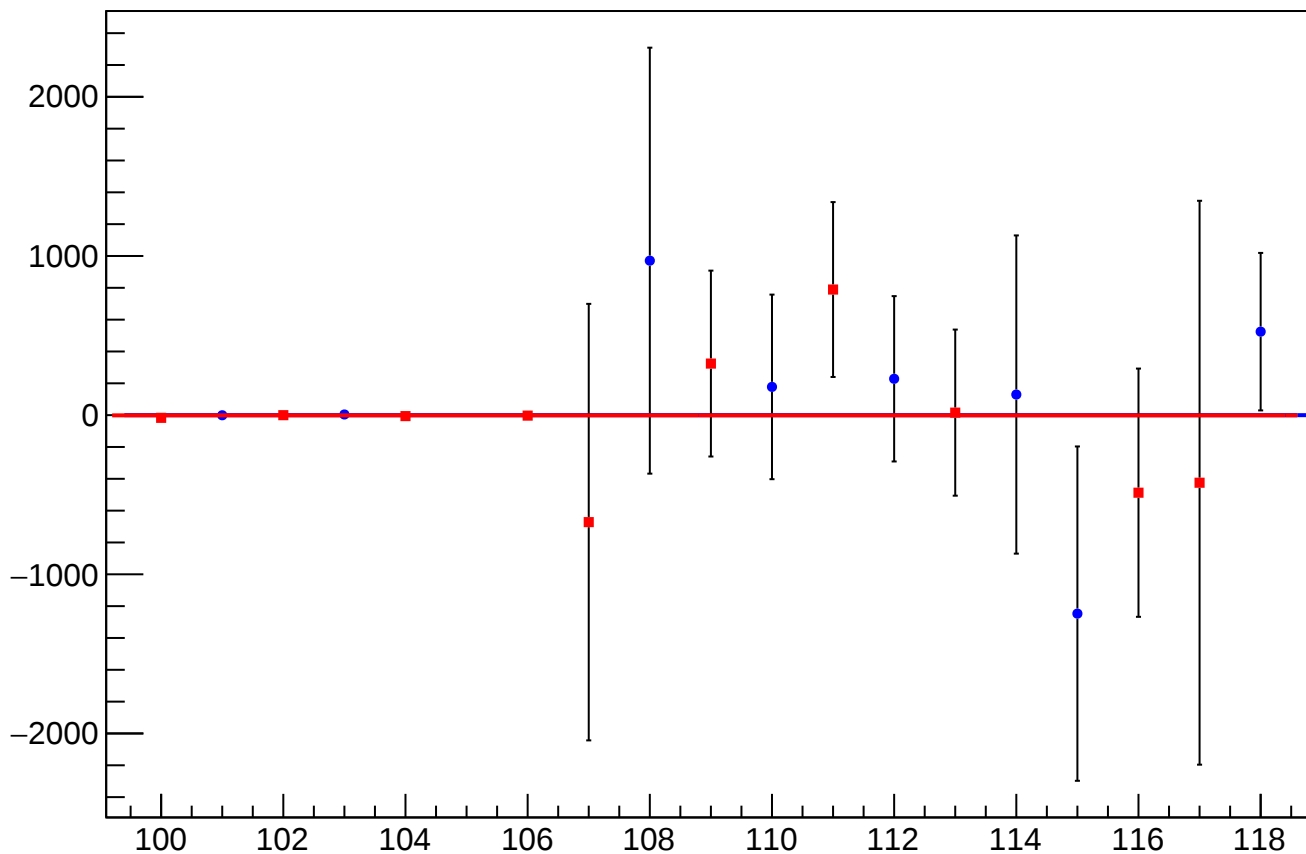
Right Out: 138.999 $\pm$ 0.084 χ^2 /NDF: 3501258.1/9

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

155.532 $\pm$ 0.089 χ^2 /NDF: 3045851.6/7

138.999 $\pm$ 0.084 χ^2 /NDF: 3501258.1/9

asym_cav4dQ_mean vs Slug



Right In: -0.151+/-1.737 χ^2/NDF : 4.2/7

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

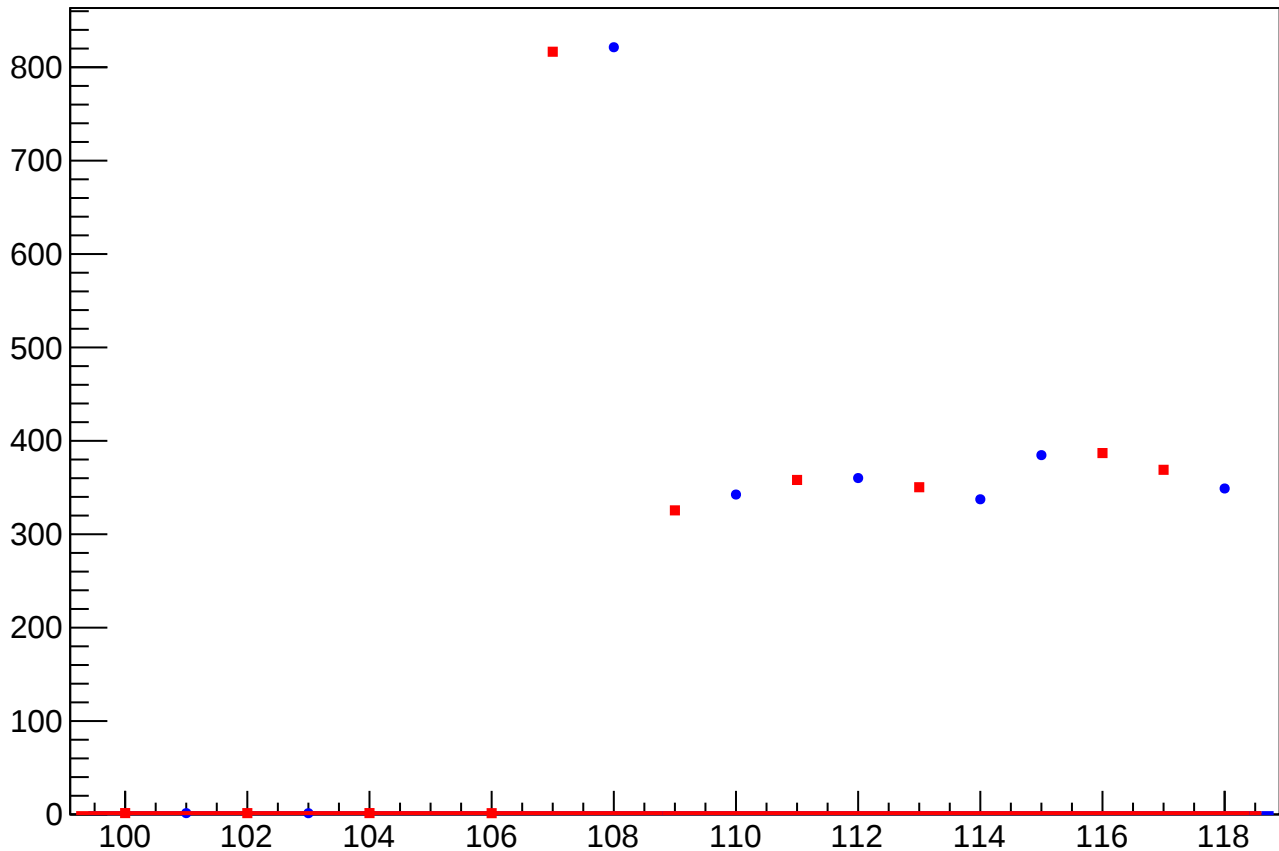
Right Out: -1.328+/-1.623 χ^2/NDF : 5.8/9

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

-0.151+/-1.737 χ^2/NDF : 4.2/7

-1.328+/-1.623 χ^2/NDF : 5.8/9

asym_cav4dQ_rms vs Slug



Right In: 1.426+/-0.001 χ^2/NDF : 3876803.9/7

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

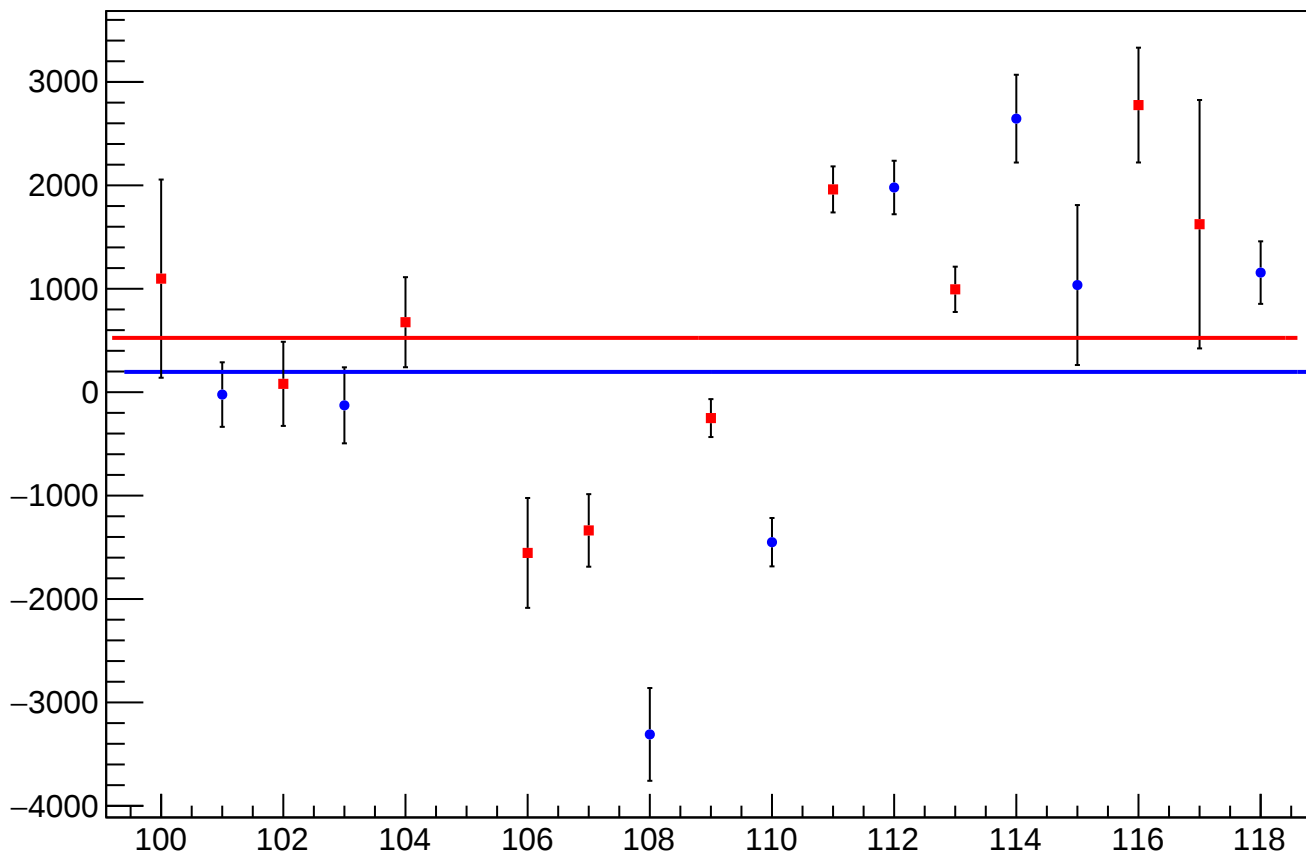
Right Out: 1.426+/-0.001 χ^2/NDF : 3635636.5/9

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

1.426+/-0.001 χ^2/NDF : 3876803.9/7

1.426+/-0.001 χ^2/NDF : 3635636.5/9

asym_bcm0l02_mean vs Slug



Right In: 196.121+/-116.239 χ^2/NDF : 203.9/7

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

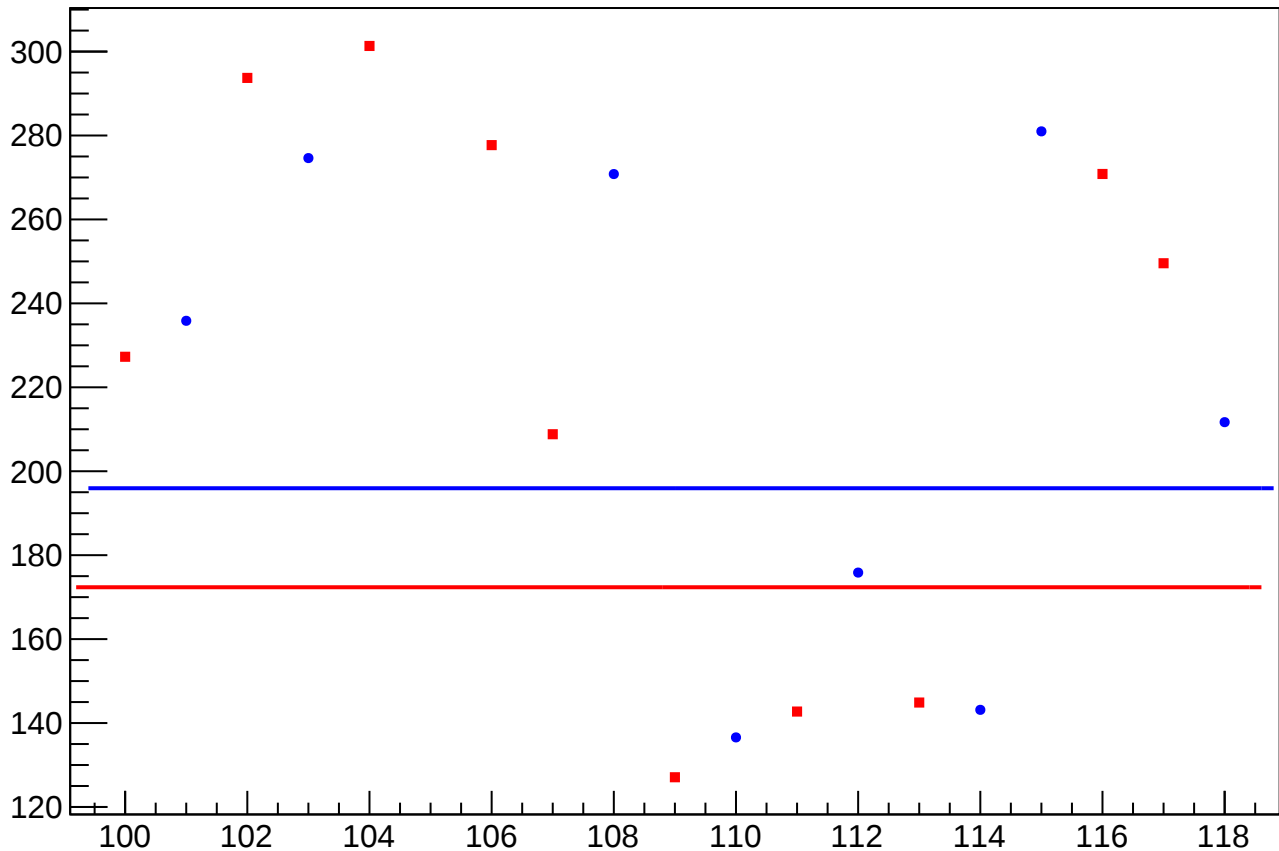
Right Out: 525.039+/-100.631 χ^2/NDF : 126.5/9

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

196.121+/-116.239 χ^2/NDF : 203.9/7

525.039+/-100.631 χ^2/NDF : 126.5/9

asym_bcm0l02_rms vs Slug



Right In: 195.950+/-0.082 χ^2/NDF : 381450.2/7

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

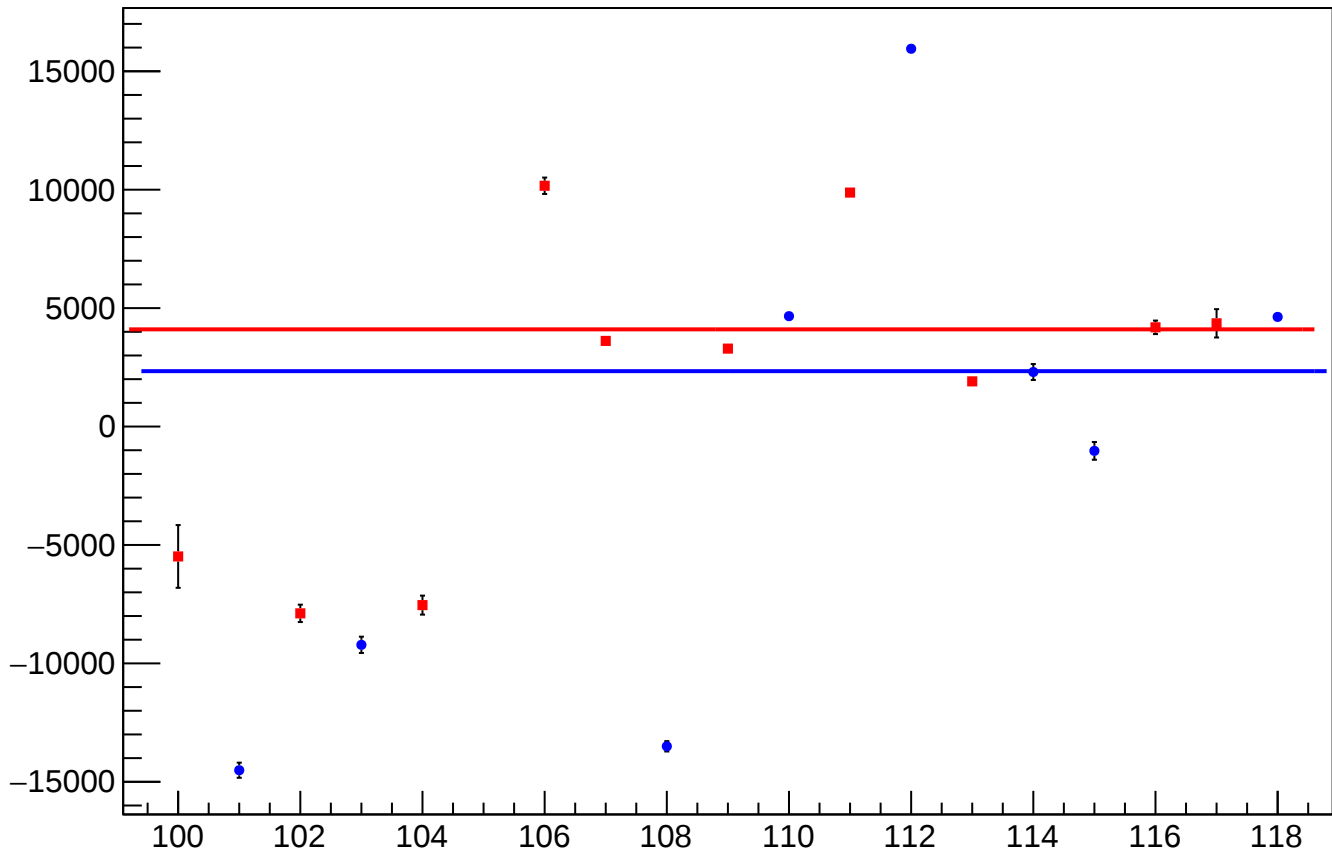
Right Out: 172.357+/-0.071 χ^2/NDF : 720195.8/9

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

195.950+/-0.082 χ^2/NDF : 381450.2/7

172.357+/-0.071 χ^2/NDF : 720195.8/9

asym_bpm0i02WS_mean vs Slug



Right In: 2338.316+/-79.500 χ^2/NDF : 15822.6/7

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

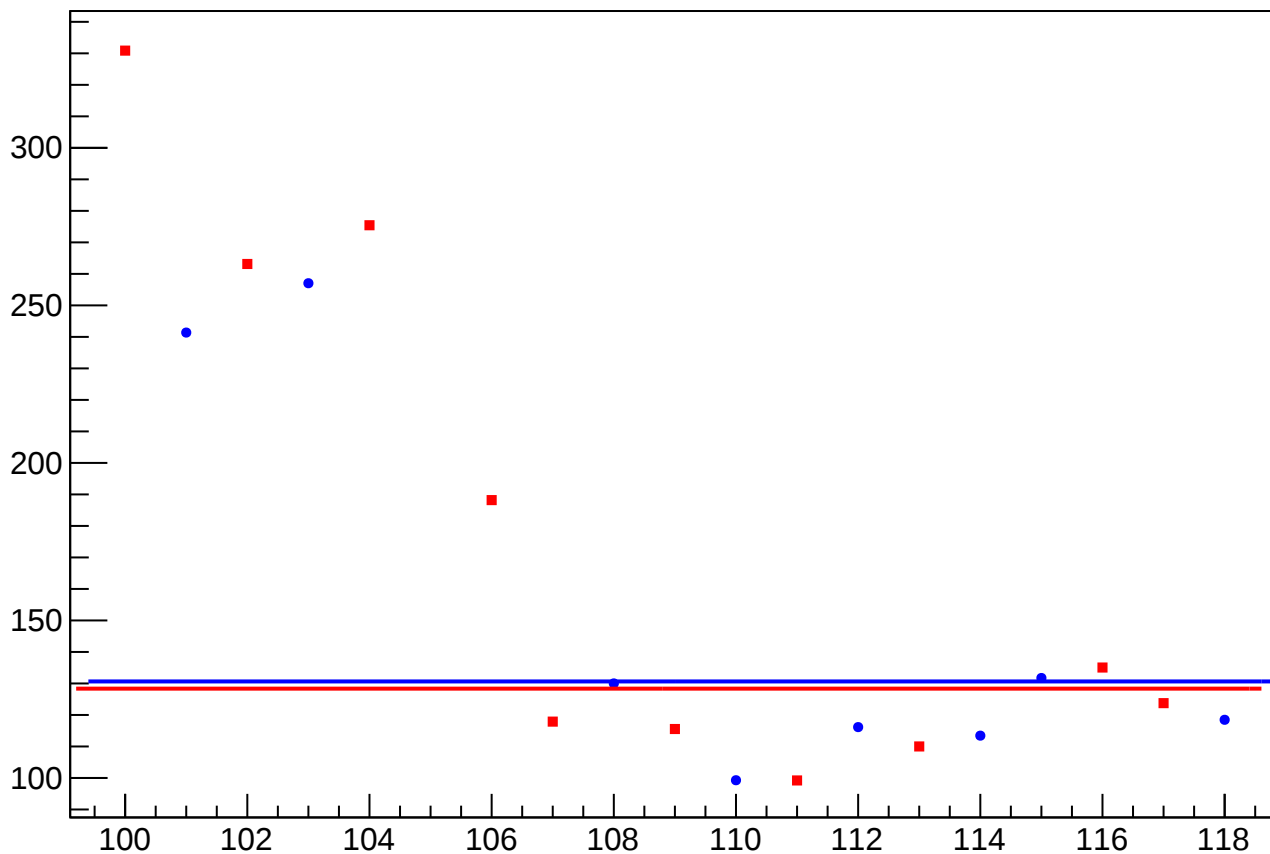
Right Out: 4103.286+/-75.033 χ^2/NDF : 3843.8/9

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

2338.316+/-79.500 χ^2/NDF : 15822.6/7

4103.286+/-75.033 χ^2/NDF : 3843.8/9

asym_bpm0i02WS_rms vs Slug



Right In: 130.642 $\pm$ 0.056 χ^2 /NDF: 606853.5/7

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

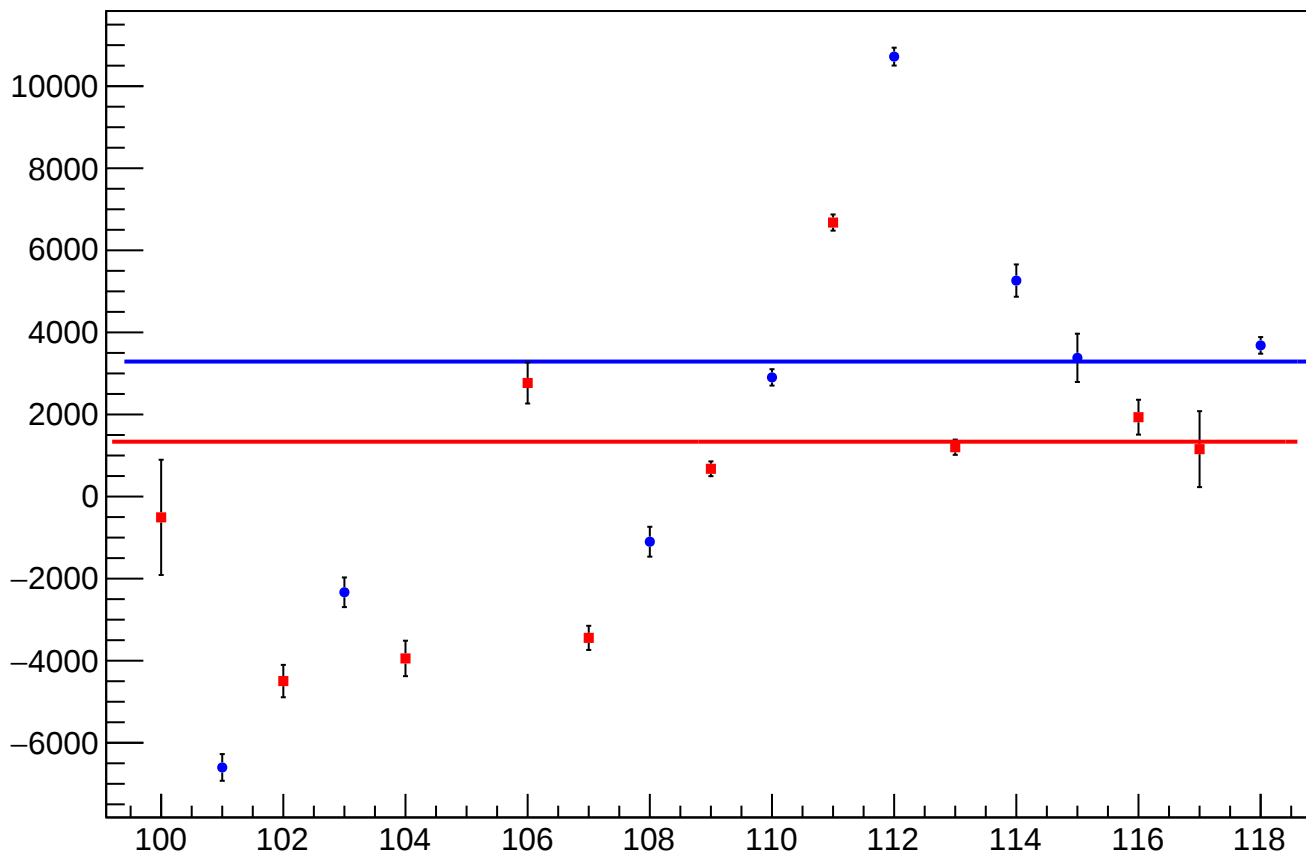
Right Out: 128.356 $\pm$ 0.053 χ^2 /NDF: 758977.5/9

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

130.642 $\pm$ 0.056 χ^2 /NDF: 606853.5/7

128.356 $\pm$ 0.053 χ^2 /NDF: 758977.5/9

asym_bpm0i02aWS_mean vs Slug



Right In: 3289.673+/-97.813 χ^2/NDF : 2506.9/7

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

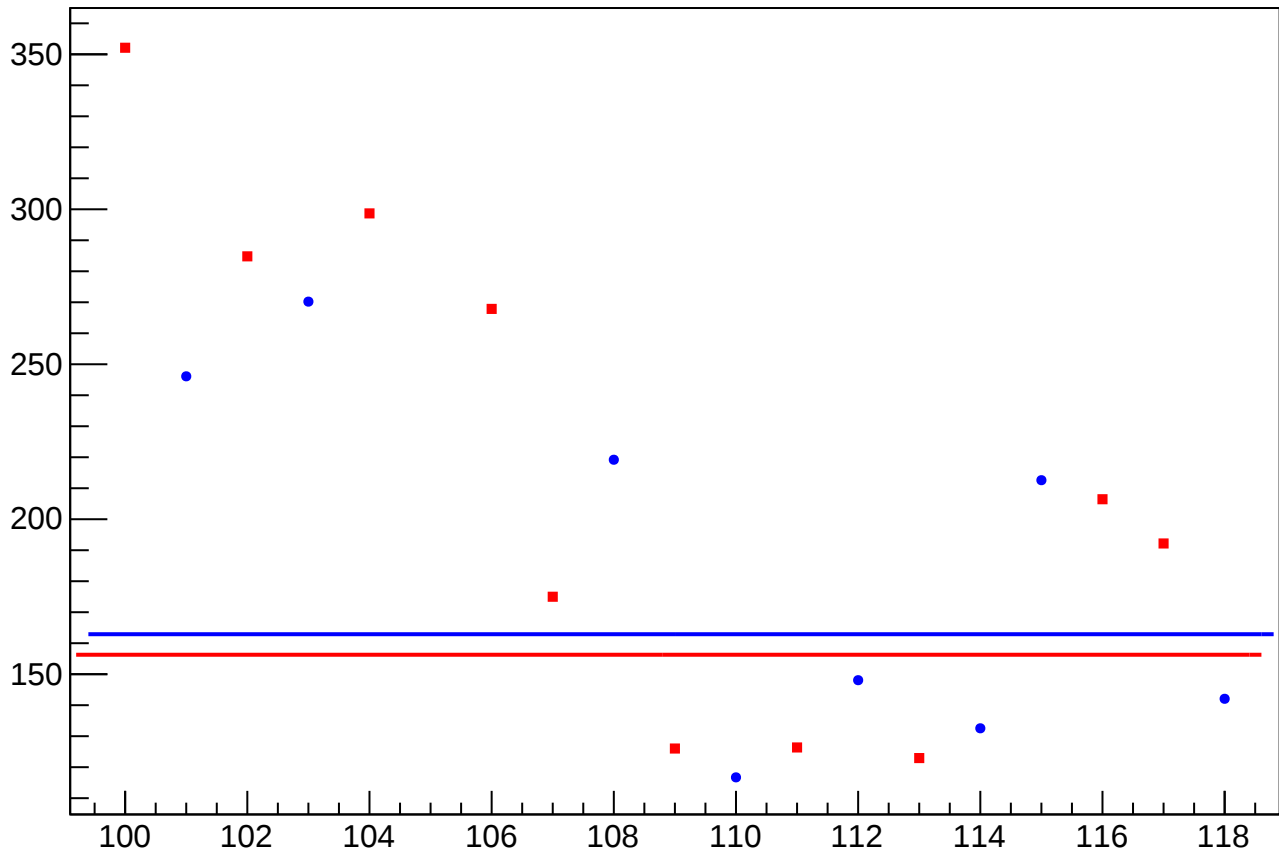
Right Out: 1336.719+/-91.239 χ^2/NDF : 1391.6/9

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

3289.673+/-97.813 χ^2/NDF : 2506.9/7

1336.719+/-91.239 χ^2/NDF : 1391.6/9

asym_bpm0i02aWS_rms vs Slug



Right In: 162.903+/-0.069 χ^2/NDF : 518460.7/7

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

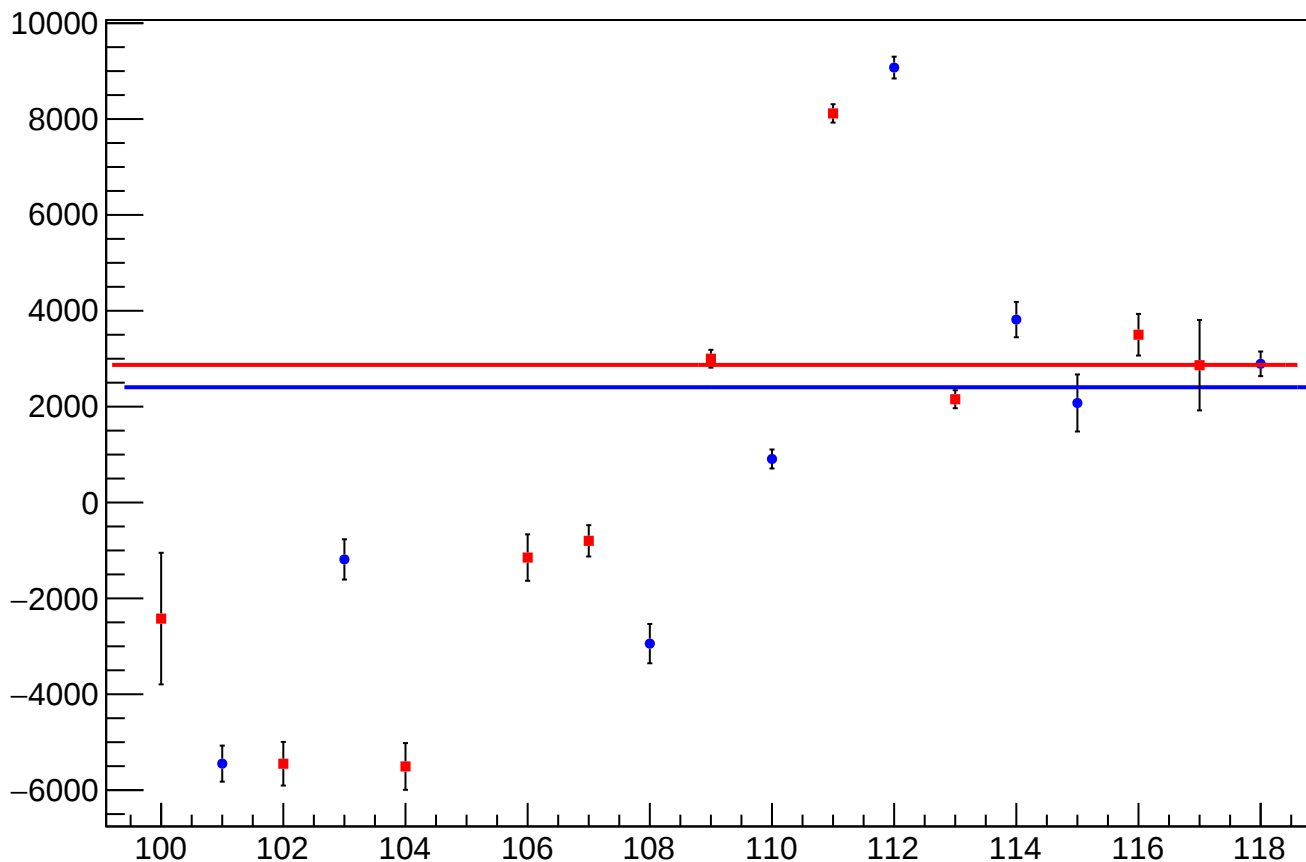
Right Out: 156.278+/-0.065 χ^2/NDF : 773655.1/9

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

162.903+/-0.069 χ^2/NDF : 518460.7/7

156.278+/-0.065 χ^2/NDF : 773655.1/9

asym_bpm0i05WS_mean vs Slug



Right In: 2404.798+/-106.112 χ^2/NDF : 1615.6/7

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

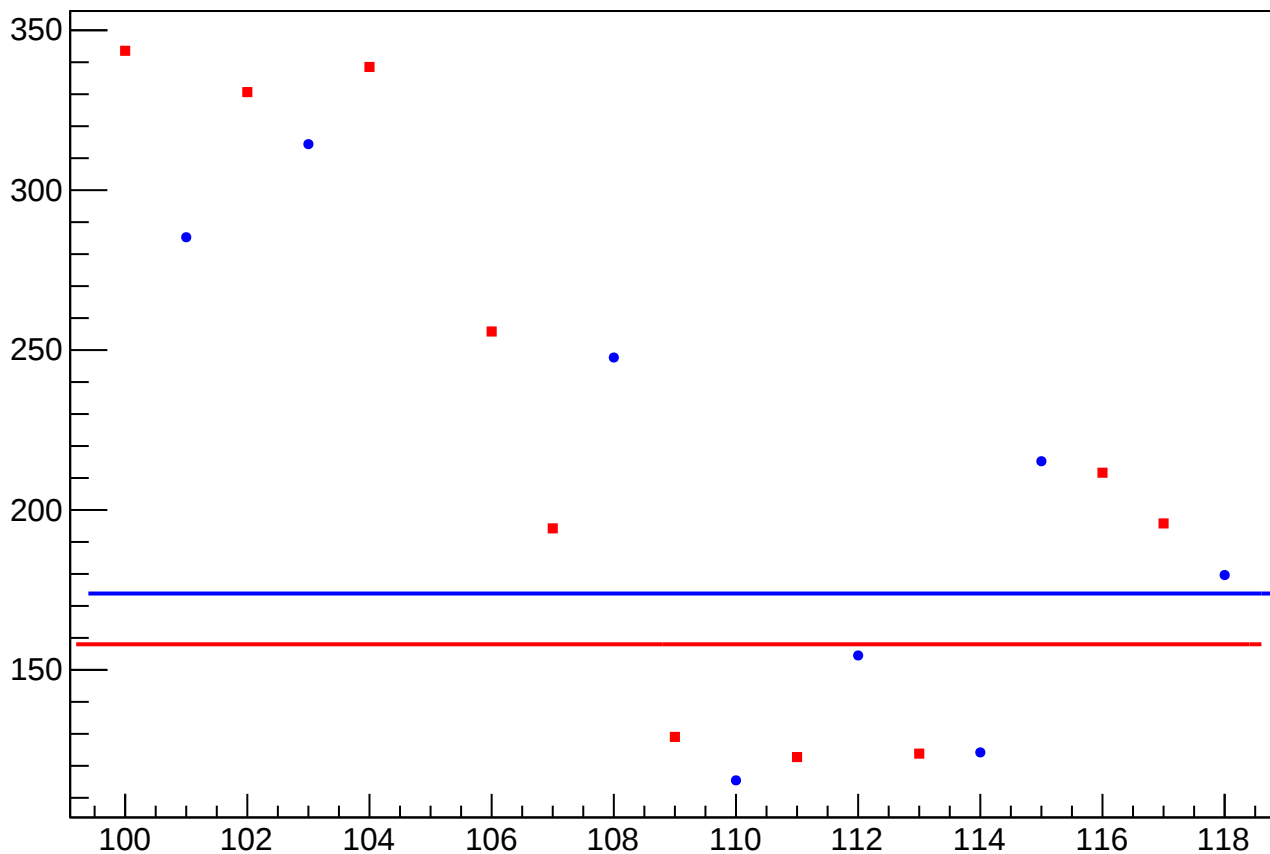
Right Out: 2871.033+/-93.492 χ^2/NDF : 1607.7/9

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

2404.798+/-106.112 χ^2/NDF : 1615.6/7

2871.033+/-93.492 χ^2/NDF : 1607.7/9

asym_bpm0i05WS_rms vs Slug



Right In: 173.880 $\pm$ 0.075 χ^2 /NDF: 699818.2/7

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

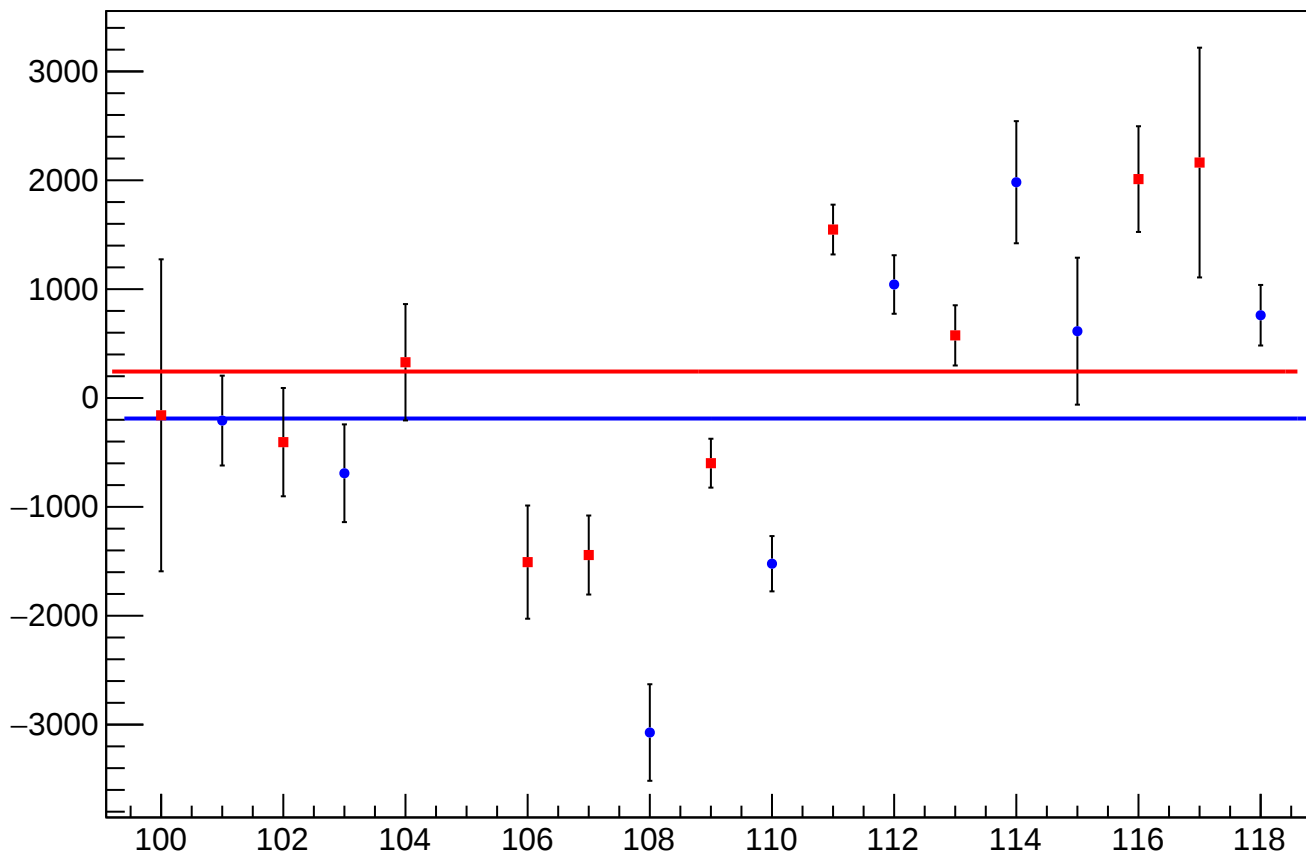
Right Out: 158.009 $\pm$ 0.066 χ^2 /NDF: 921676.0/9

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

173.880 $\pm$ 0.075 χ^2 /NDF: 699818.2/7

158.009 $\pm$ 0.066 χ^2 /NDF: 921676.0/9

asym_bpm0i07WS_mean vs Slug



Right In: -188.398+/-125.438 χ^2/NDF : 120.1/7

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

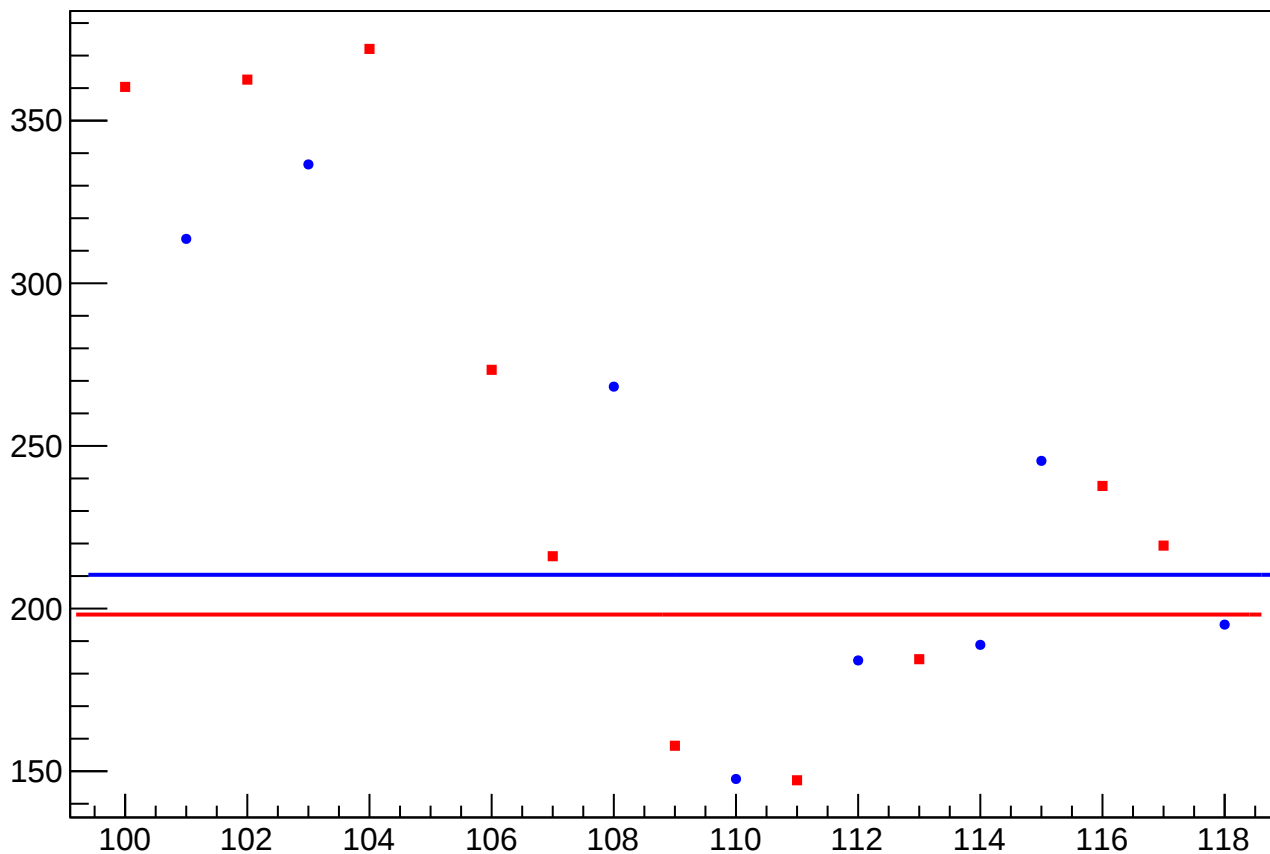
Right Out: 243.280+/-114.341 χ^2/NDF : 99.3/9

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

-188.398+/-125.438 χ^2/NDF : 120.1/7

243.280+/-114.341 χ^2/NDF : 99.3/9

asym_bpm0i07WS_rms vs Slug



Right In: 210.382+/-0.089 χ^2/NDF : 472973.7/7

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

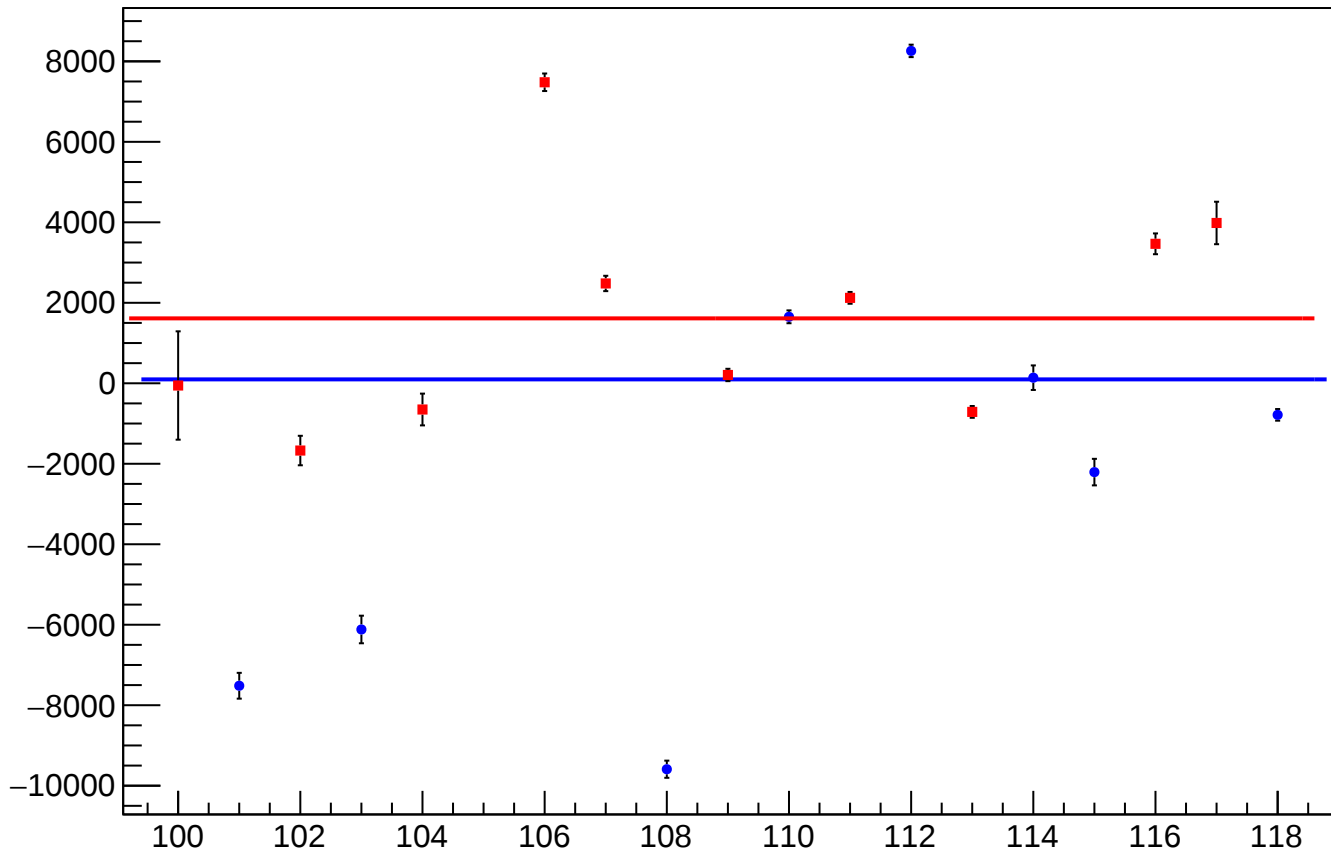
Right Out: 198.162+/-0.081 χ^2/NDF : 685466.3/9

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

210.382+/-0.089 χ^2/NDF : 472973.7/7

198.162+/-0.081 χ^2/NDF : 685466.3/9

asym_bpm1i02WS_mean vs Slug



Right In: 96.876+/-72.743 χ^2/NDF : 5925.8/7

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

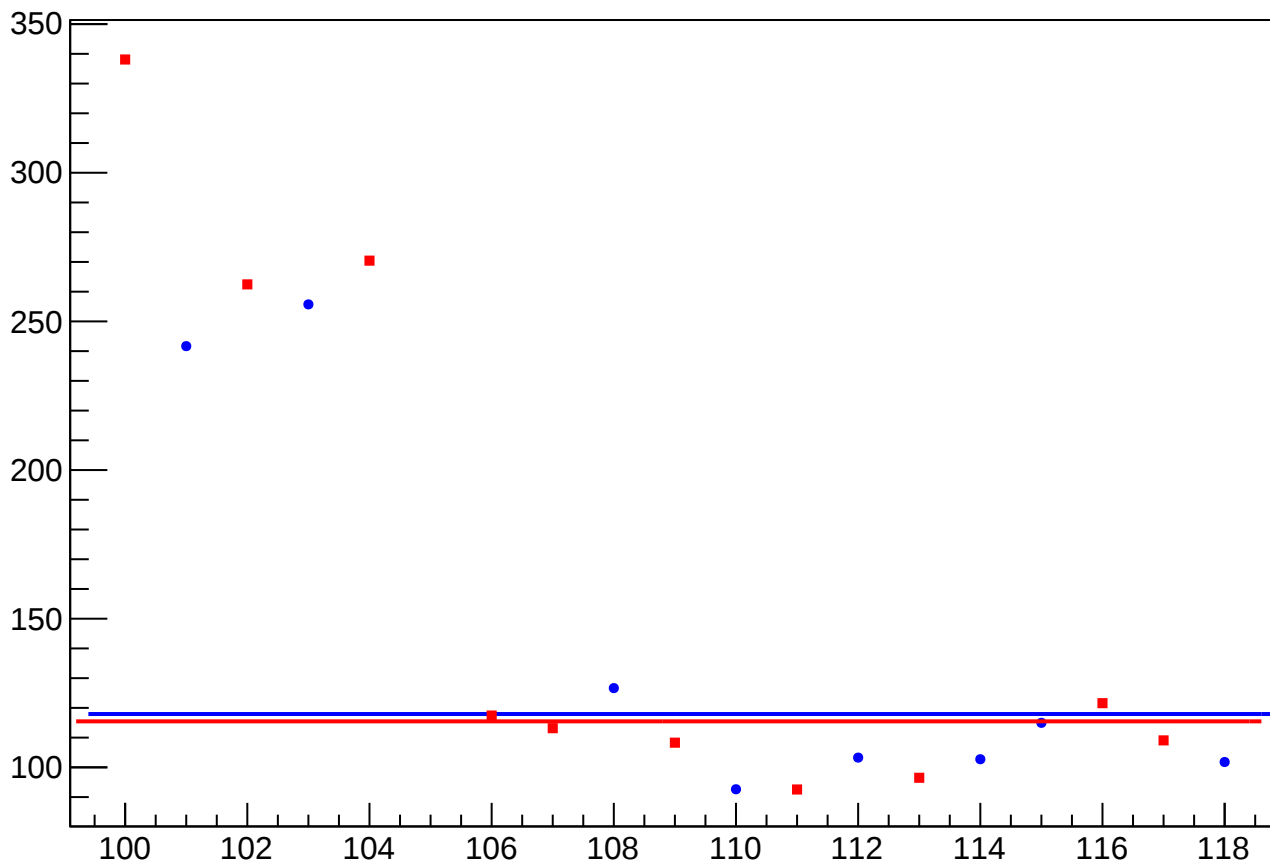
96.876+/-72.743 χ^2/NDF : 5925.8/7

Right Out: 1612.901+/-67.837 χ^2/NDF : 1279.6/9

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

1612.901+/-67.837 χ^2/NDF : 1279.6/9

asym_bpm1i02WS_rms vs Slug



Right In: 117.937 $\pm$ 0.051 χ^2 /NDF: 722509.9/7

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

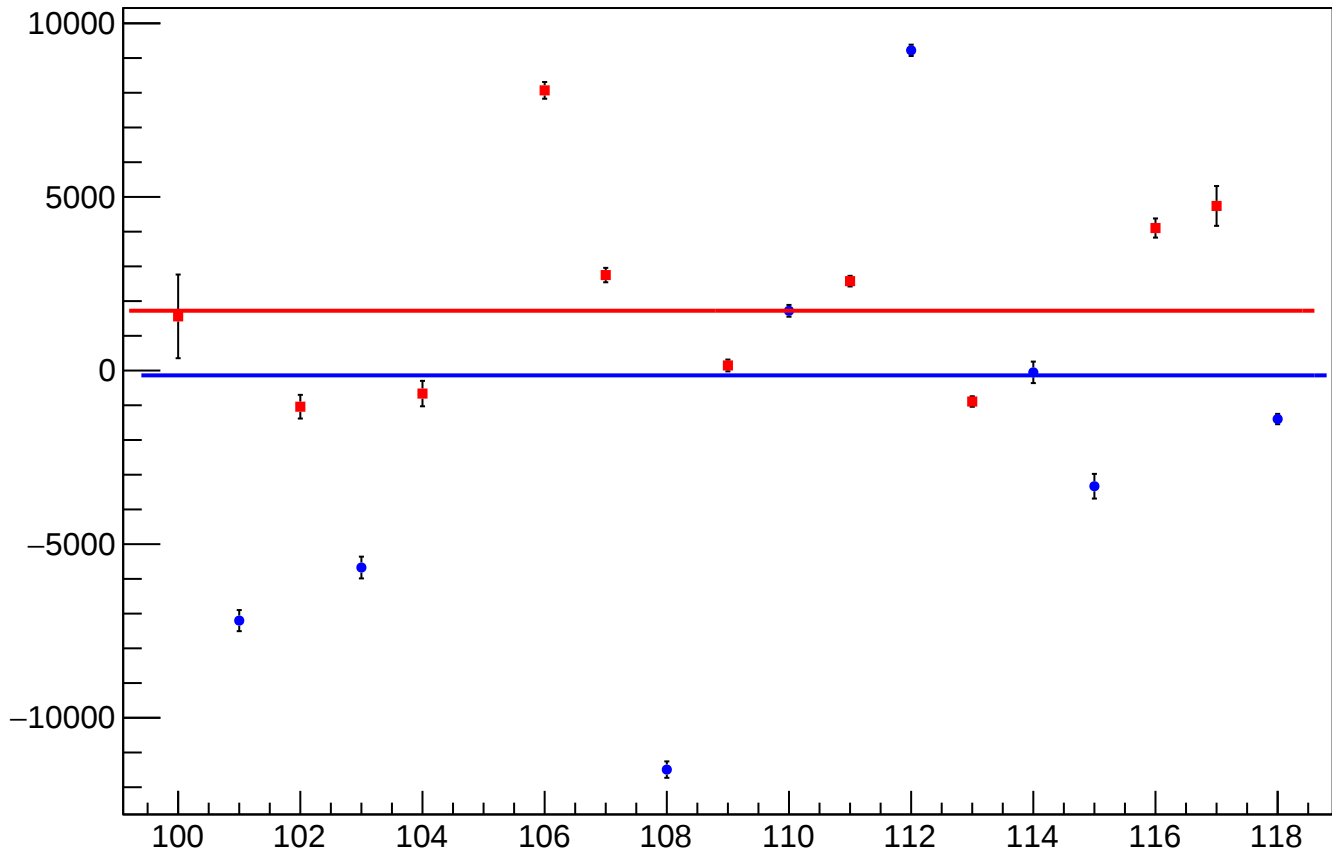
Right Out: 115.470 $\pm$ 0.048 χ^2 /NDF: 773580.1/9

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

117.937 $\pm$ 0.051 χ^2 /NDF: 722509.9/7

115.470 $\pm$ 0.048 χ^2 /NDF: 773580.1/9

asym_bpm2i01WS_mean vs Slug



Right In: -138.830+/-75.630 χ^2/NDF : 6735.5/7

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

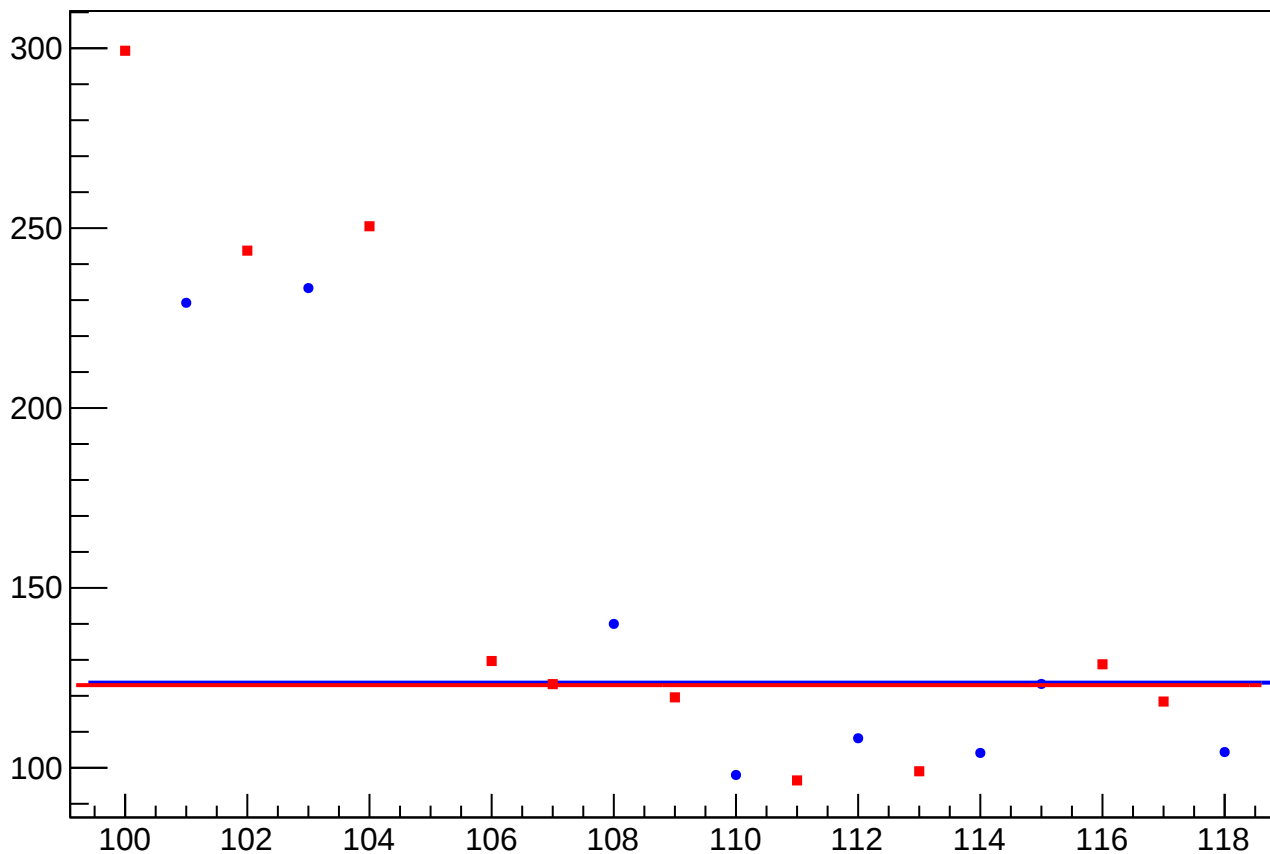
Right Out: 1723.044+/-71.741 χ^2/NDF : 1344.6/9

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

-138.830+/-75.630 χ^2/NDF : 6735.5/7

1723.044+/-71.741 χ^2/NDF : 1344.6/9

asym_bpm2i01WS_rms vs Slug



Right In: 123.674+/-0.053 χ^2/NDF : 601058.2/7

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

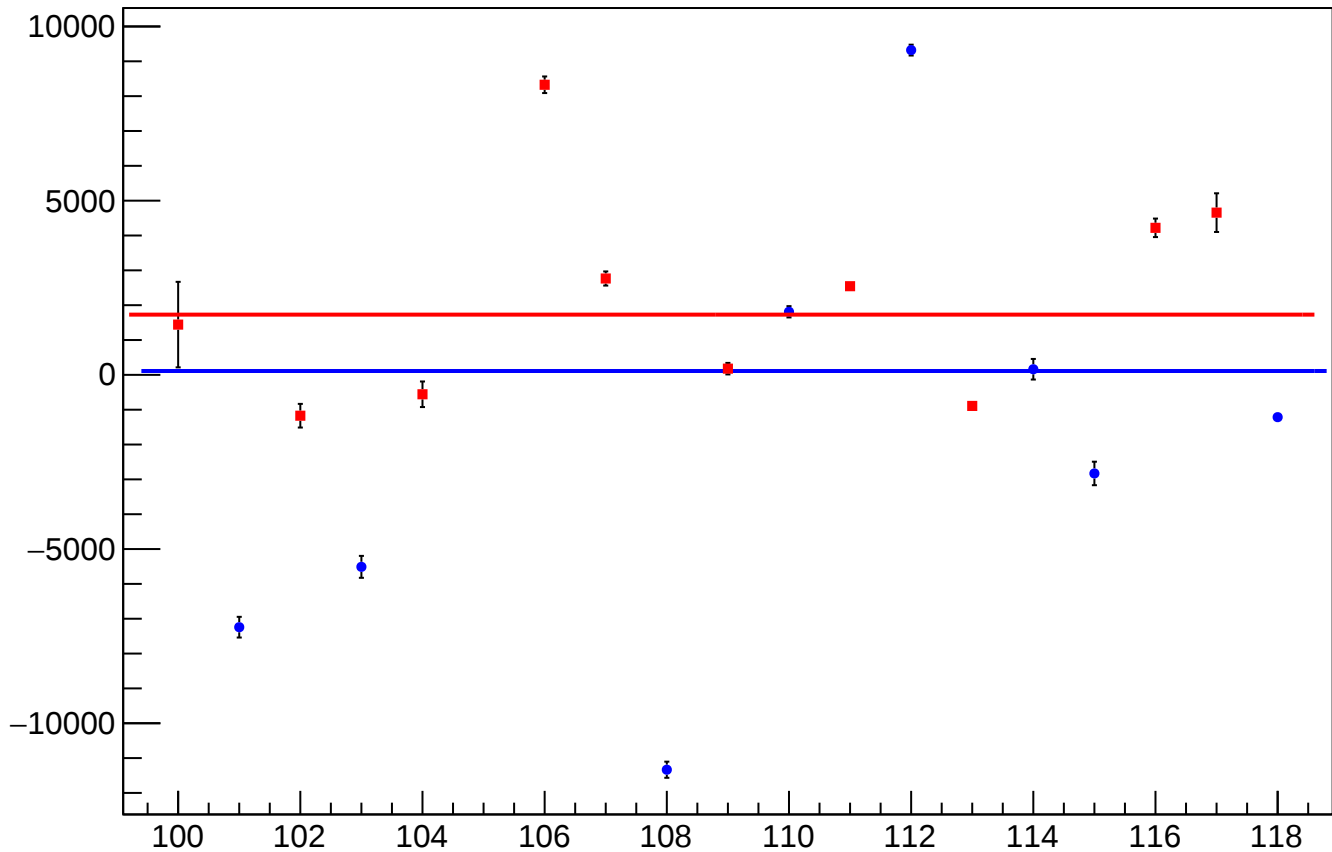
Right Out: 122.977+/-0.051 χ^2/NDF : 649221.5/9

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

123.674+/-0.053 χ^2/NDF : 601058.2/7

122.977+/-0.051 χ^2/NDF : 649221.5/9

asym_bpm2i02WS_mean vs Slug



Right In: 110.828 $\pm$ 72.768 χ^2 /NDF: 7138.8/7

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

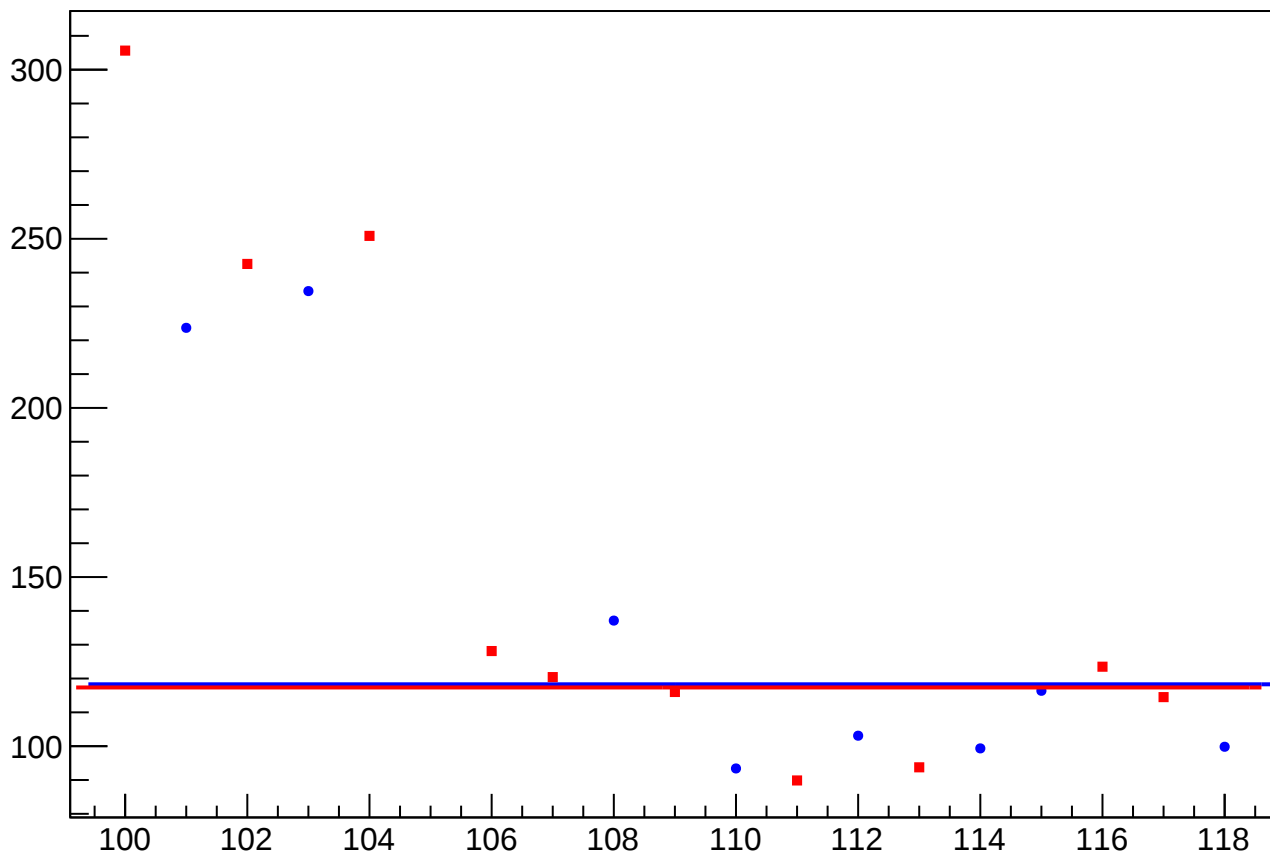
Right Out: 1728.760 $\pm$ 68.978 χ^2 /NDF: 1475.0/9

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

110.828 $\pm$ 72.768 χ^2 /NDF: 7138.8/7

1728.760 $\pm$ 68.978 χ^2 /NDF: 1475.0/9

asym_bpm2i02WS_rms vs Slug



Right In: 118.292 $\pm$ 0.051 χ^2 /NDF: 645530.5/7

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

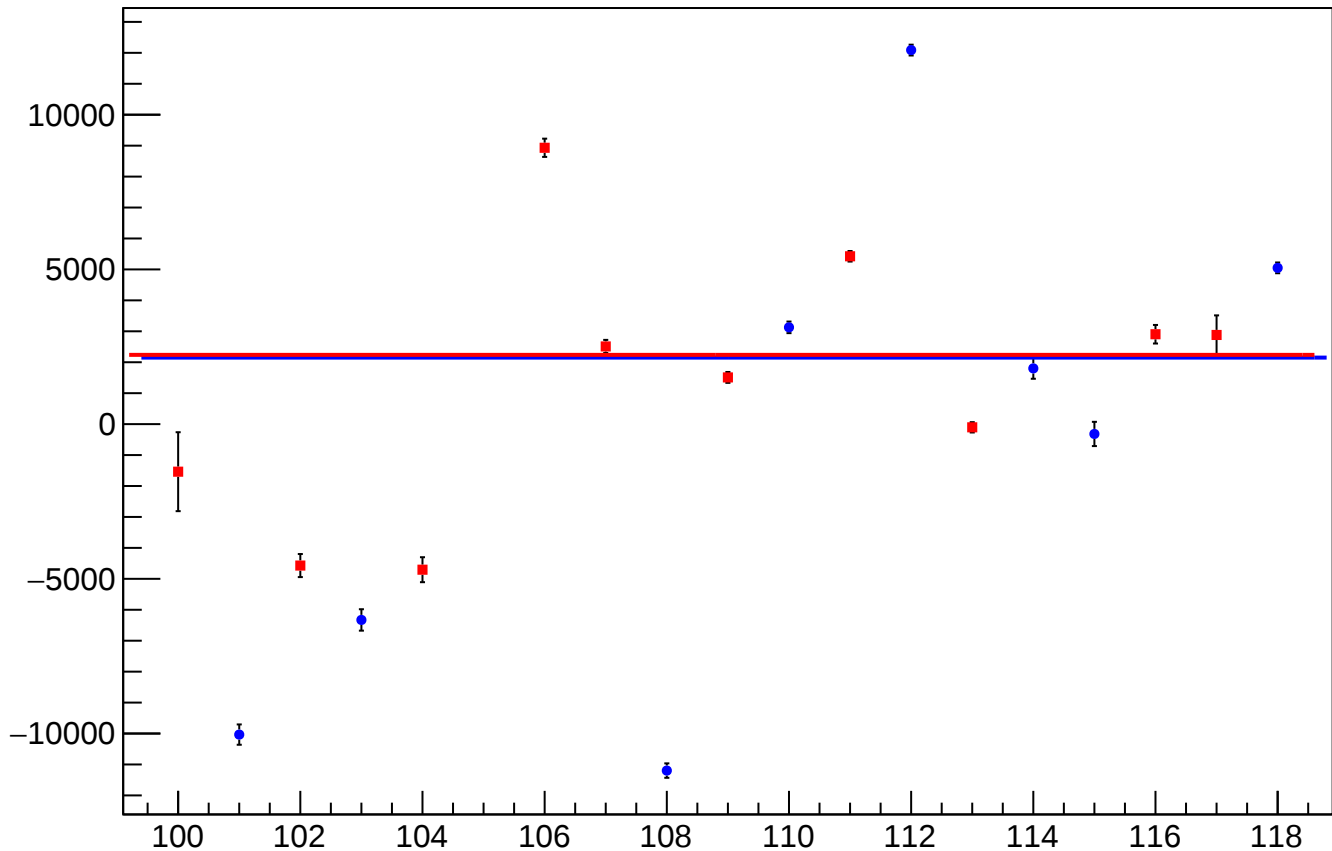
Right Out: 117.359 $\pm$ 0.049 χ^2 /NDF: 717458.8/9

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

118.292 $\pm$ 0.051 χ^2 /NDF: 645530.5/7

117.359 $\pm$ 0.049 χ^2 /NDF: 717458.8/9

asym_bpm0i01WS_mean vs Slug



Right In: 2150.048 $\pm$ 82.858 χ^2 /NDF: 8823.8/7

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

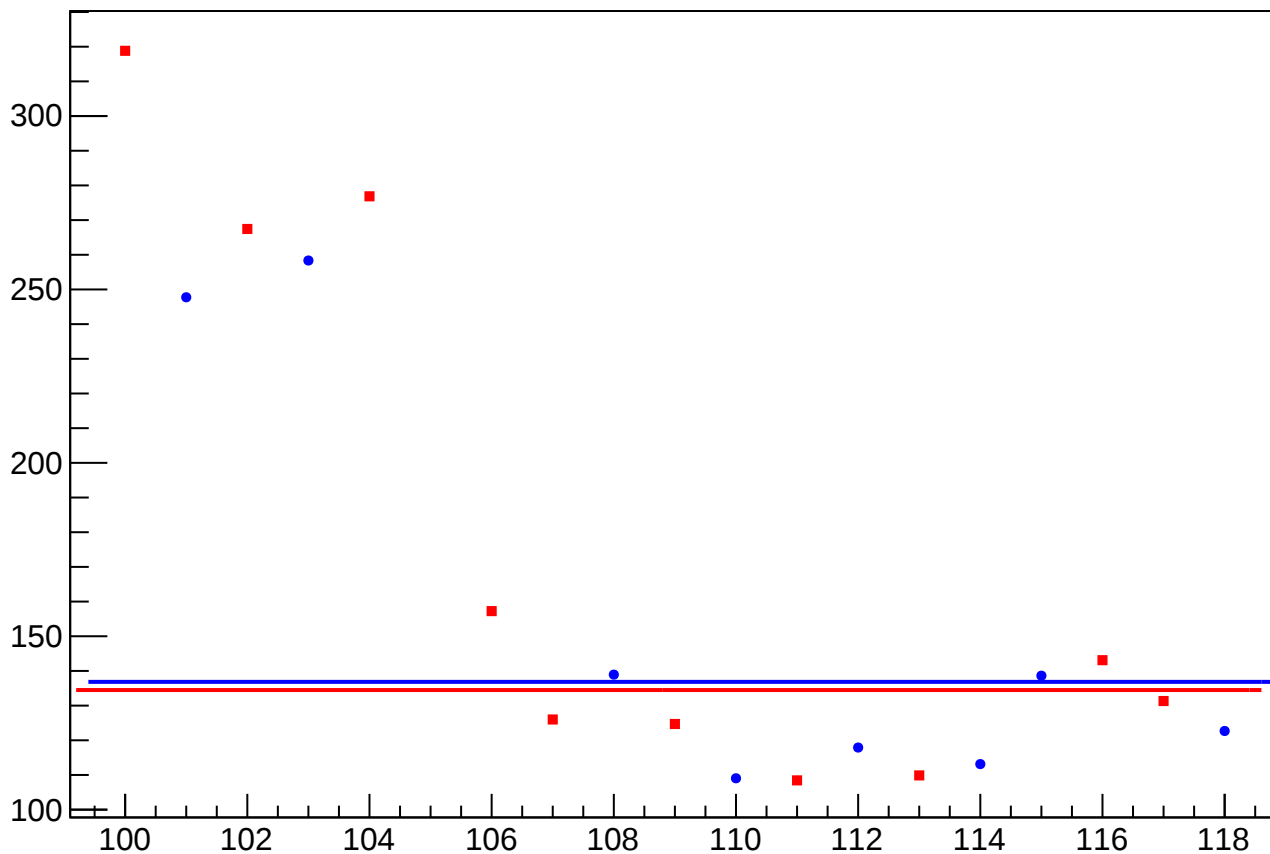
Right Out: 2238.462 $\pm$ 78.010 χ^2 /NDF: 1727.1/9

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

2150.048 $\pm$ 82.858 χ^2 /NDF: 8823.8/7

2238.462 $\pm$ 78.010 χ^2 /NDF: 1727.1/9

asym_bpm0i01WS_rms vs Slug



Right In: 136.849 $\pm$ 0.059 χ^2 /NDF: 565314.2/7

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

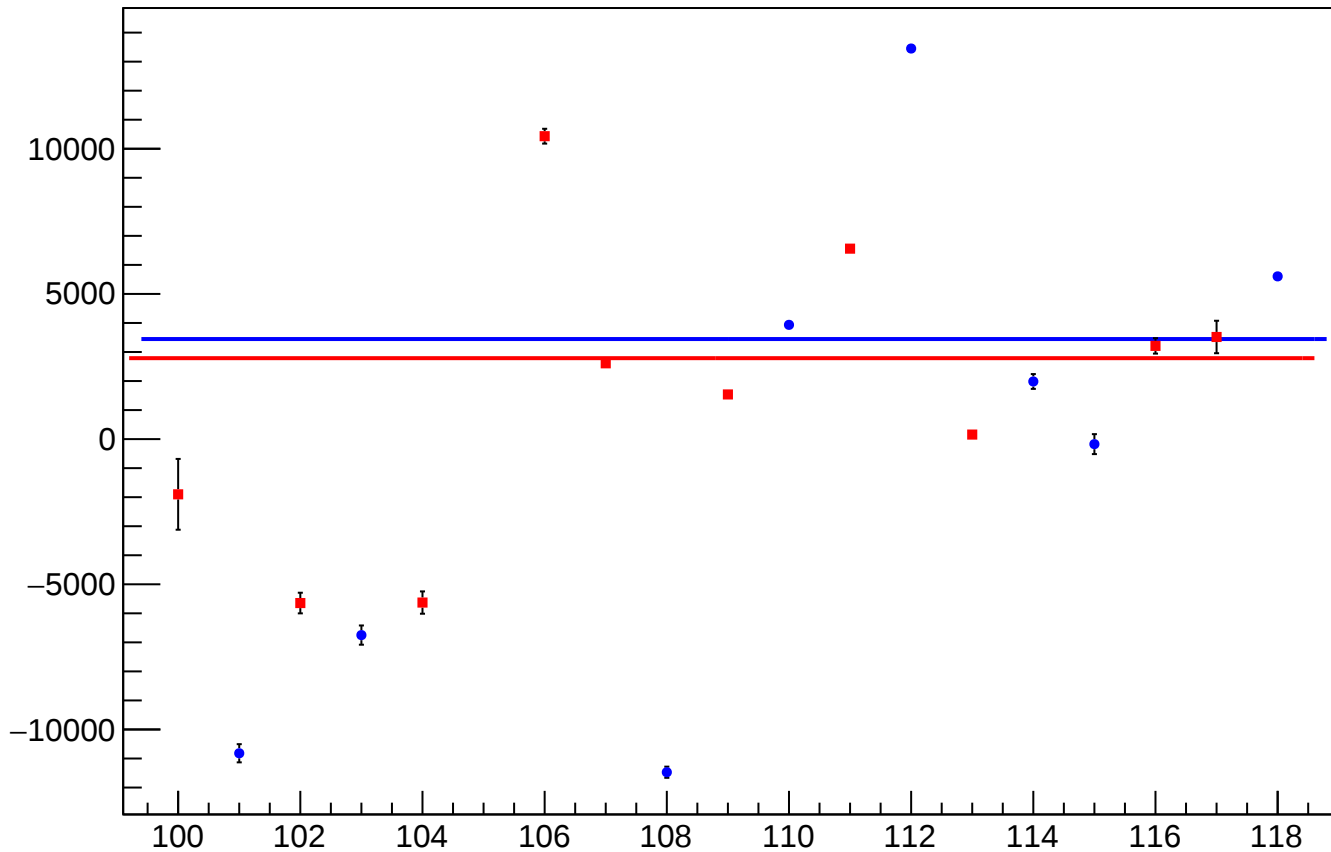
Right Out: 134.489 $\pm$ 0.055 χ^2 /NDF: 658595.4/9

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

136.849 $\pm$ 0.059 χ^2 /NDF: 565314.2/7

134.489 $\pm$ 0.055 χ^2 /NDF: 658595.4/9

asym_bpm0i01aWS_mean vs Slug



Right In: 3446.472+/-66.305 χ^2/NDF : 15117.0/7

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

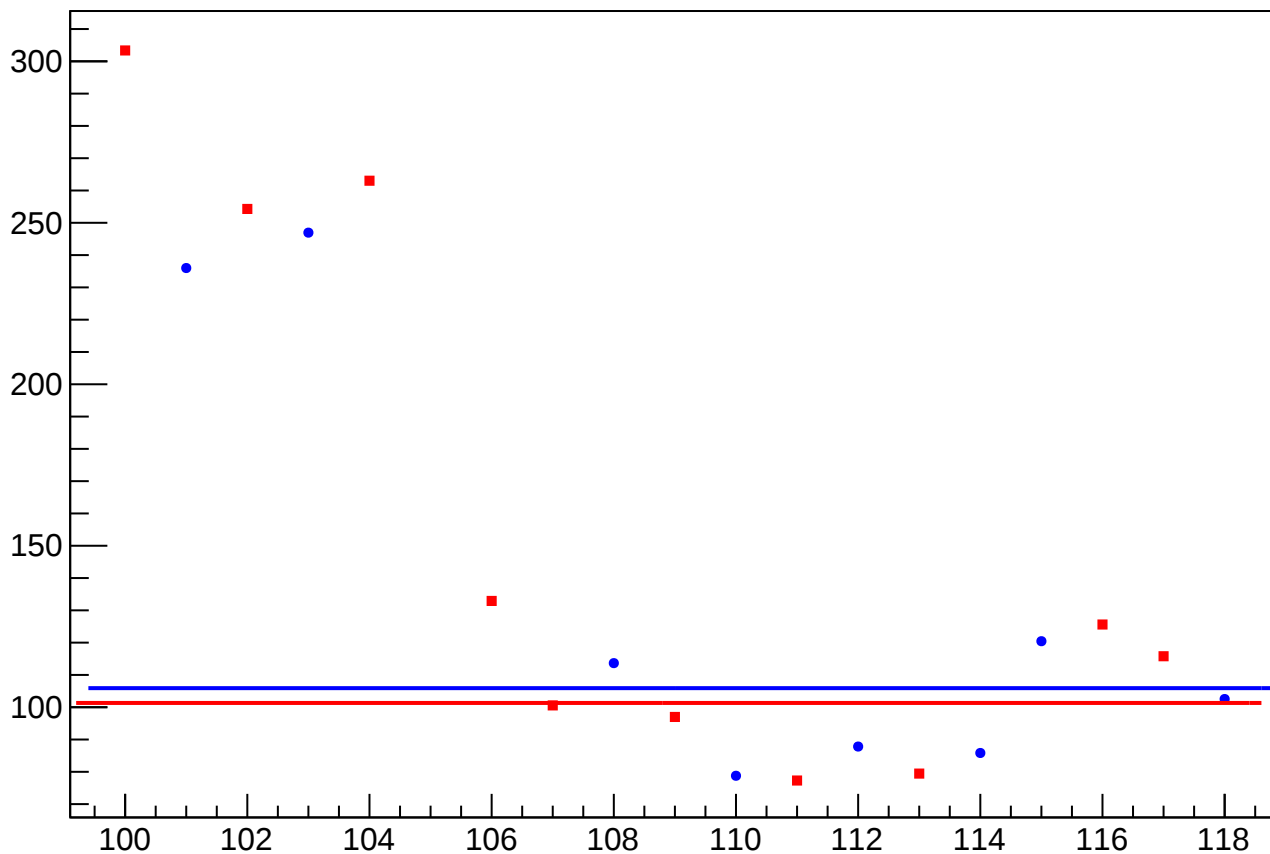
Right Out: 2787.653+/-60.993 χ^2/NDF : 3451.9/9

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

3446.472+/-66.305 χ^2/NDF : 15117.0/7

2787.653+/-60.993 χ^2/NDF : 3451.9/9

asym_bpm0i01aWS_rms vs Slug



Right In: 105.907 $\pm$ 0.047 χ^2 /NDF: 843456.2/7

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

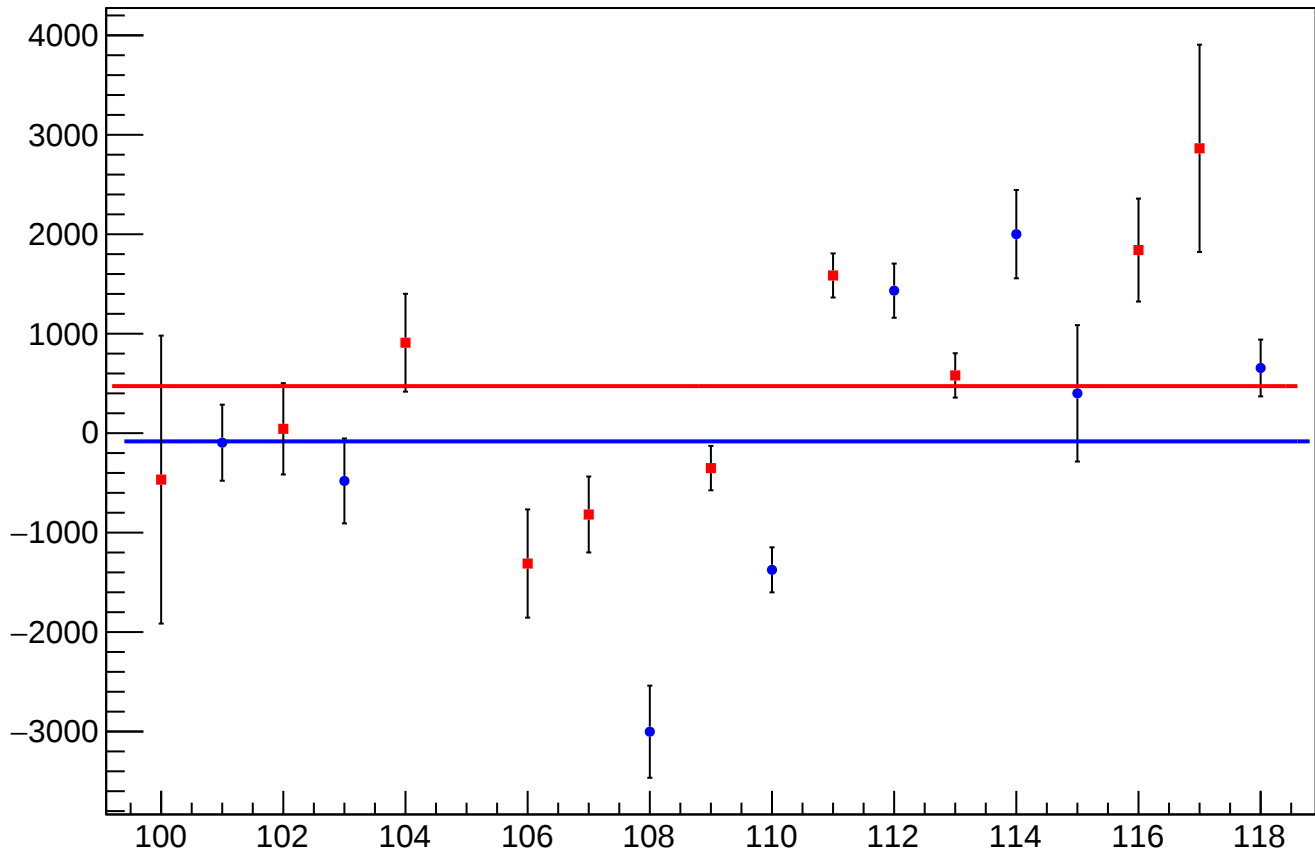
Right Out: 101.323 $\pm$ 0.043 χ^2 /NDF: 971370.8/9

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

105.907 $\pm$ 0.047 χ^2 /NDF: 843456.2/7

101.323 $\pm$ 0.043 χ^2 /NDF: 971370.8/9

asym_bpm0l01WS_mean vs Slug



Right In: -82.546 $\pm$ 120.027 χ^2 /NDF: 133.2/7

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

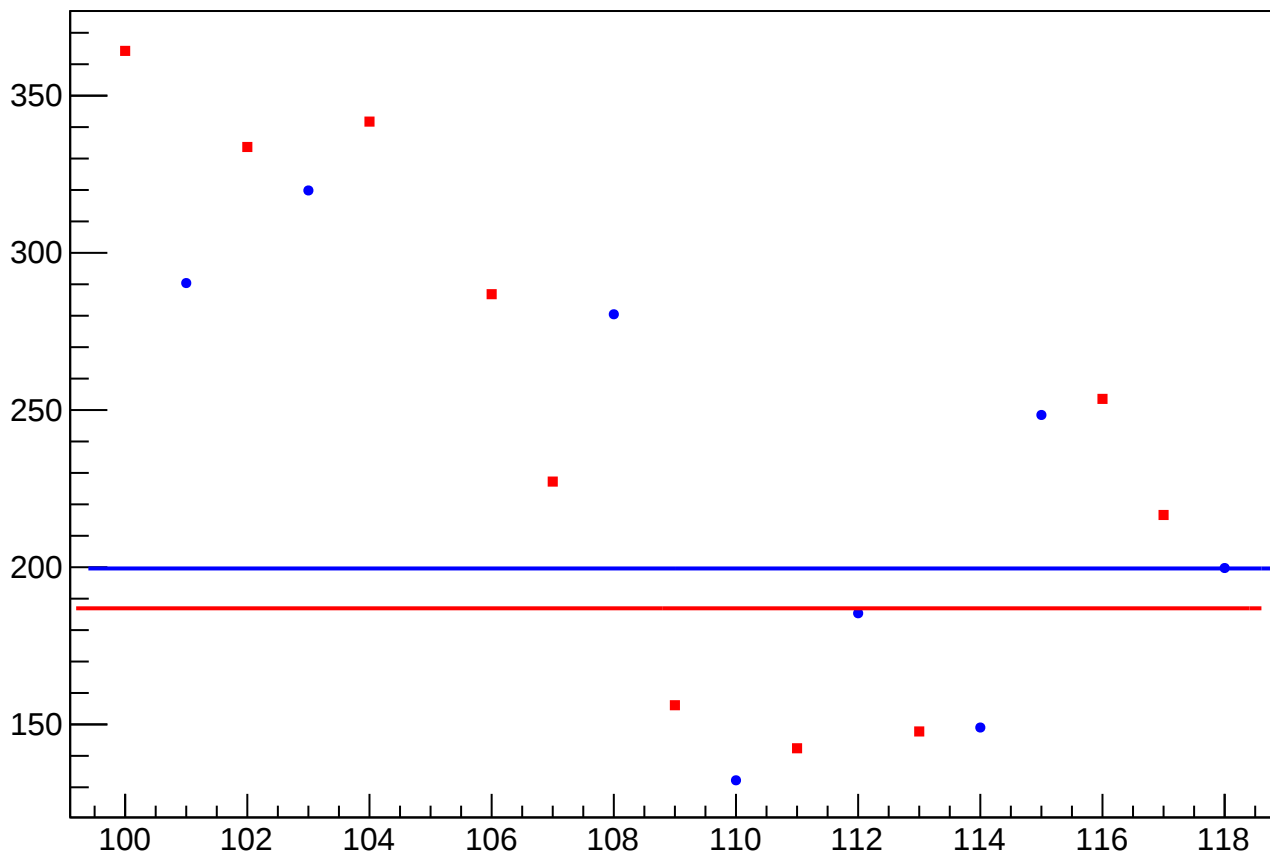
Right Out: 472.927 $\pm$ 108.633 χ^2 /NDF: 75.6/9

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

-82.546 $\pm$ 120.027 χ^2 /NDF: 133.2/7

472.927 $\pm$ 108.633 χ^2 /NDF: 75.6/9

asym_bpm0l01WS_rms vs Slug



Right In: 199.608+/-0.085 χ^2/NDF : 550869.0/7

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

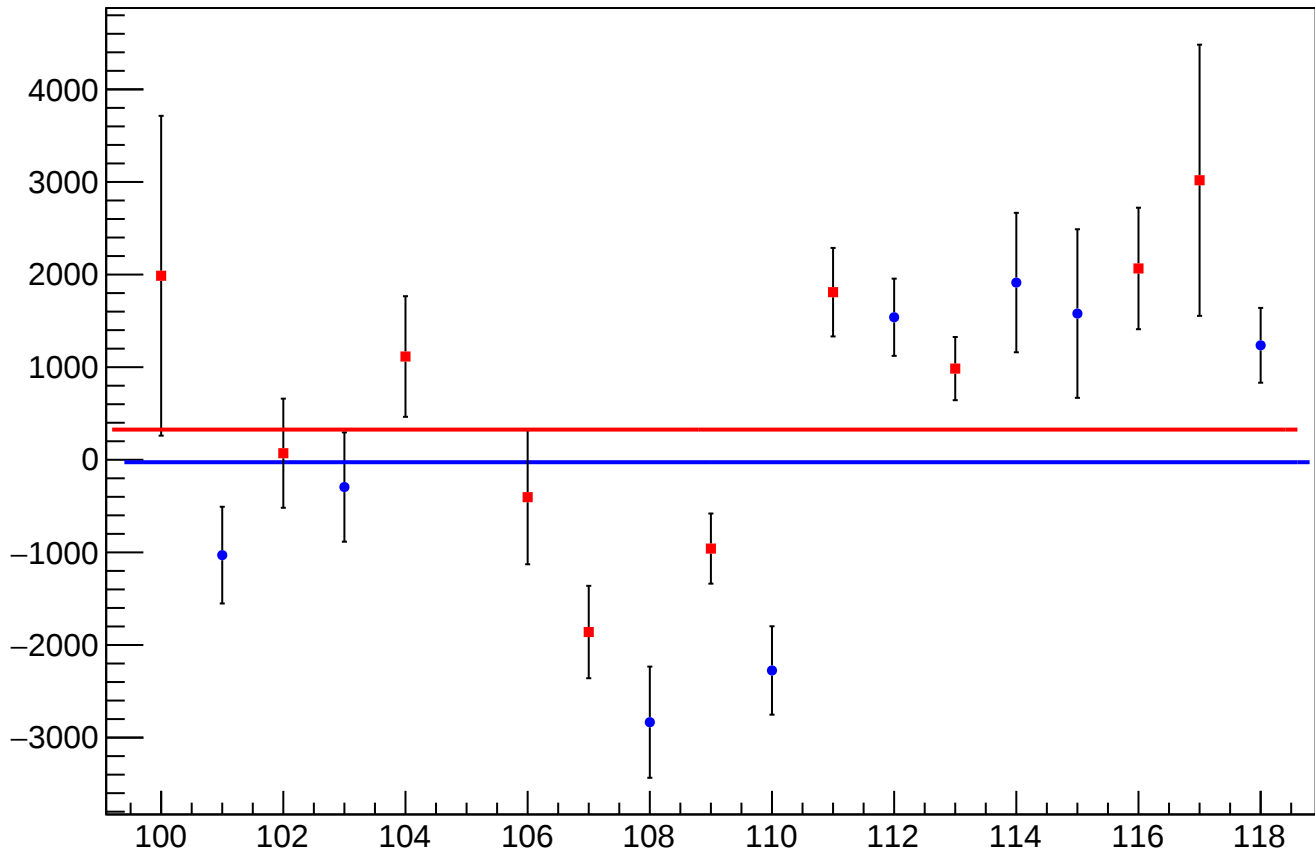
Right Out: 186.932+/-0.077 χ^2/NDF : 737442.1/9

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

199.608+/-0.085 χ^2/NDF : 550869.0/7

186.932+/-0.077 χ^2/NDF : 737442.1/9

asym_bpm0l02WS_mean vs Slug



Right In: -26.210 $\pm$ 187.132 χ^2 /NDF: 81.6/7

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

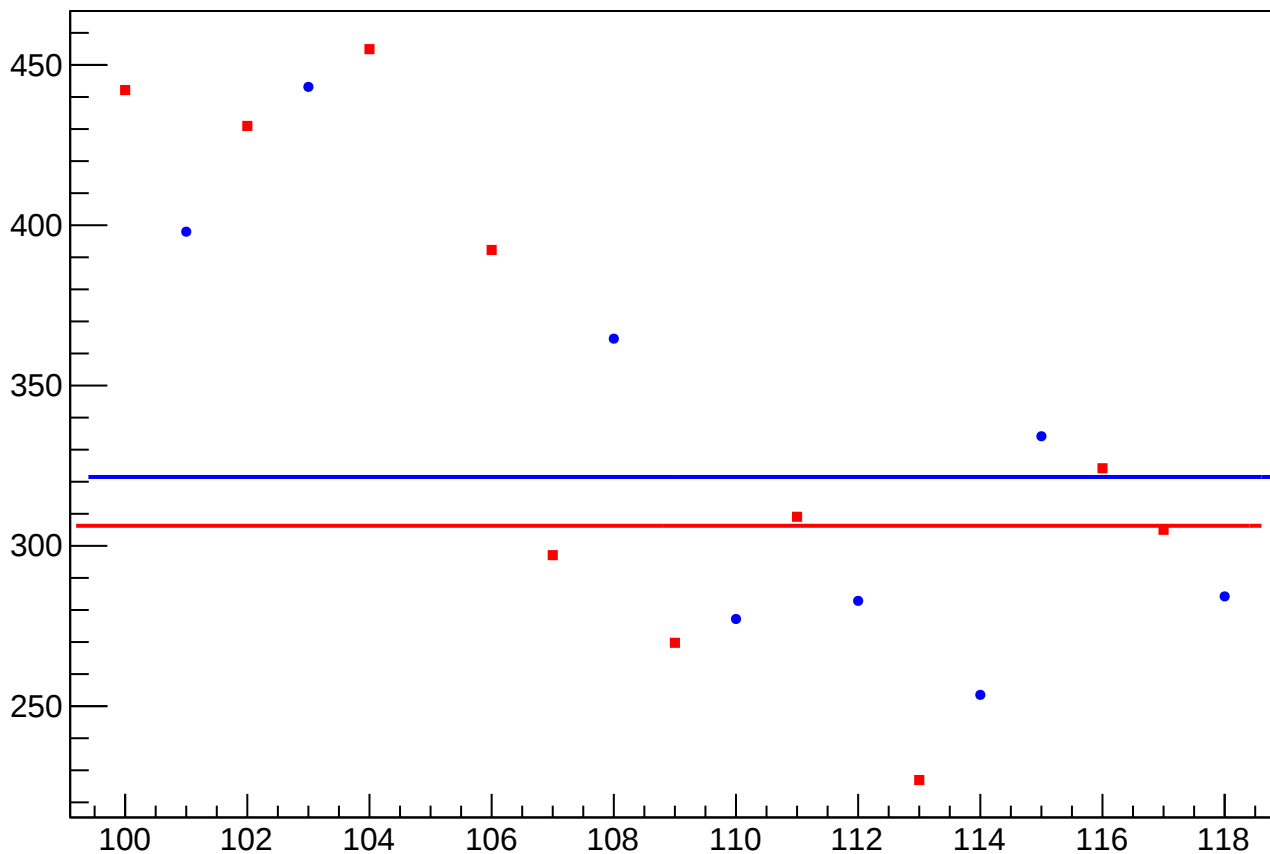
Right Out: 326.076 $\pm$ 170.926 χ^2 /NDF: 58.1/9

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

-26.210 $\pm$ 187.132 χ^2 /NDF: 81.6/7

326.076 $\pm$ 170.926 χ^2 /NDF: 58.1/9

asym_bpm0l02WS_rms vs Slug



Right In: 321.481+/-0.132 χ^2/NDF : 206330.2/7

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

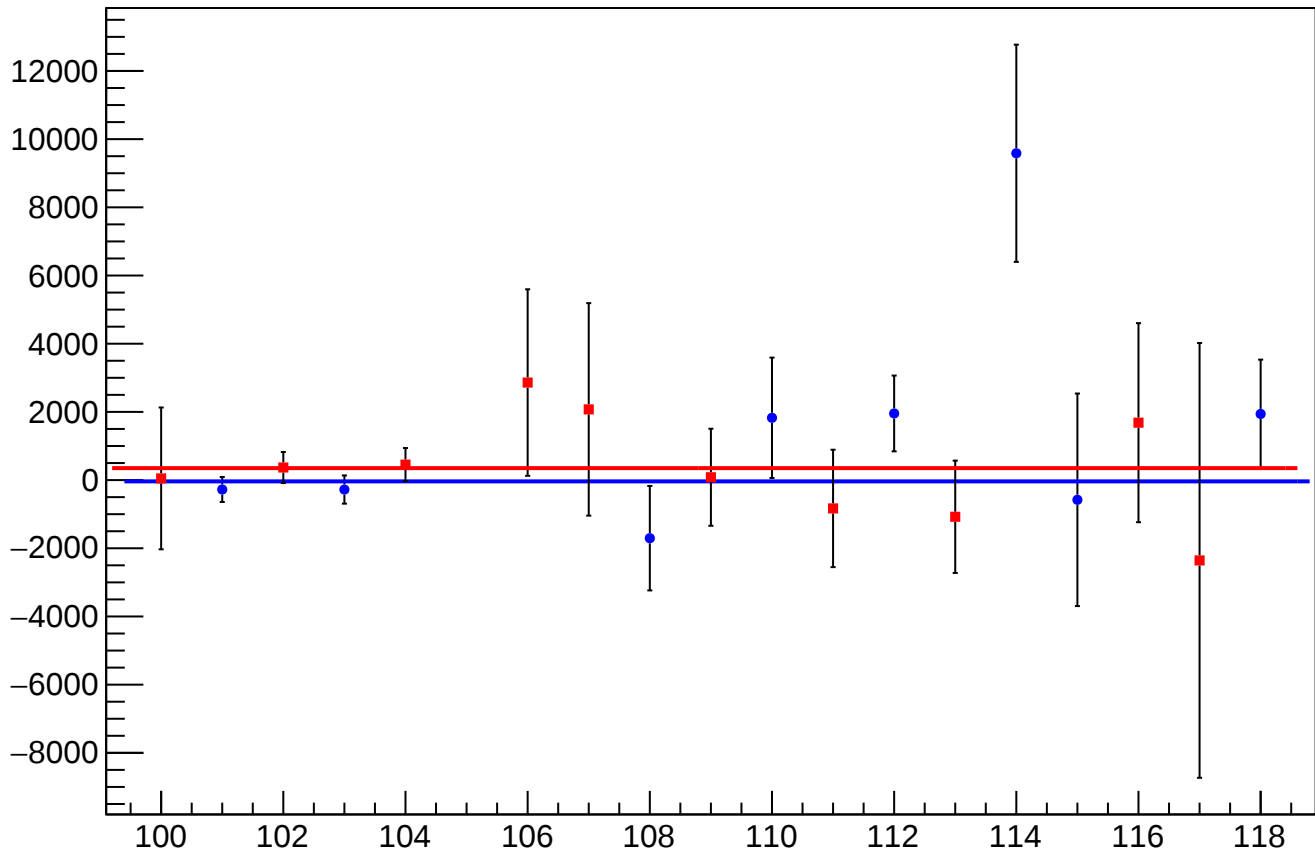
Right Out: 306.266+/-0.121 χ^2/NDF : 363230.3/9

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

321.481+/-0.132 χ^2/NDF : 206330.2/7

306.266+/-0.121 χ^2/NDF : 363230.3/9

asym_bpm0l03WS_mean vs Slug



Right In: -37.720 $\pm$ 254.520 χ^2 /NDF: 17.0/7

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

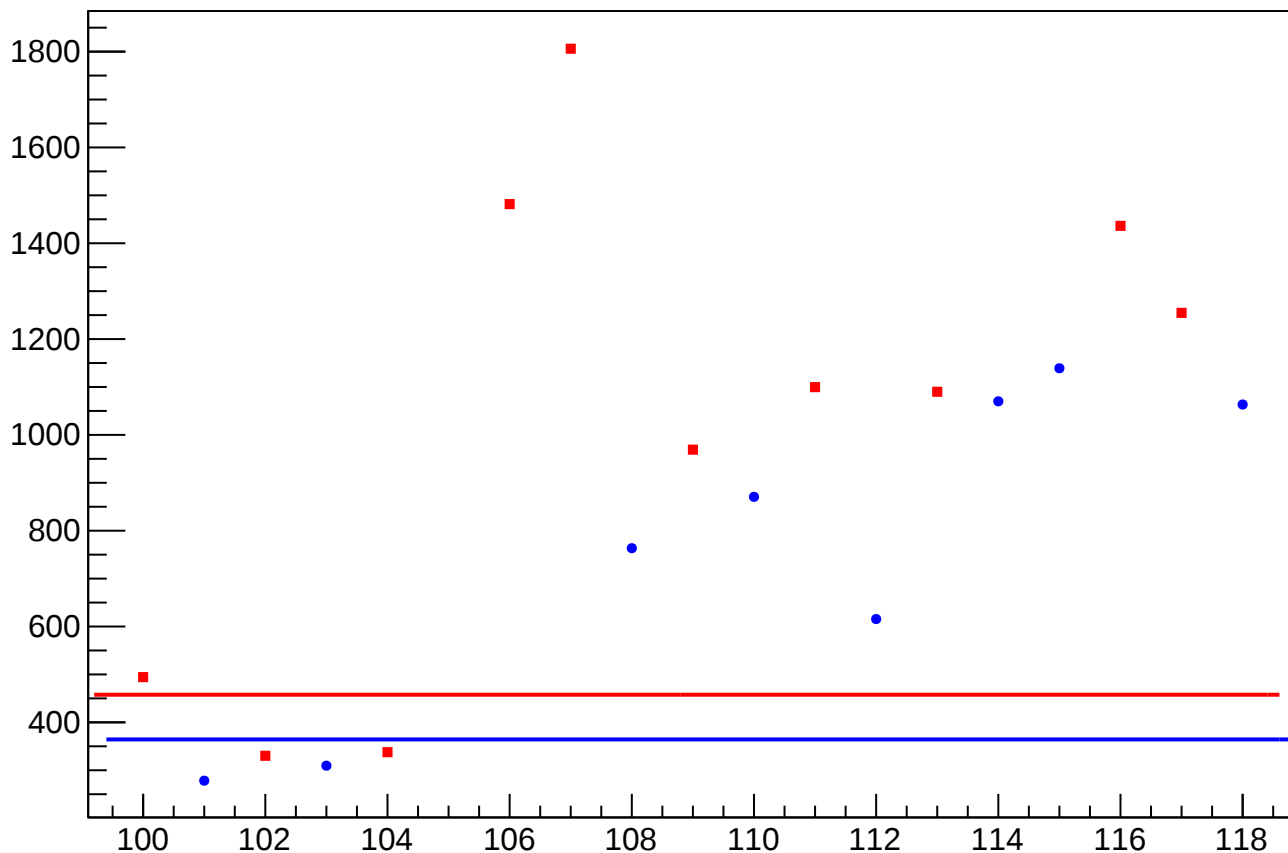
Right Out: 350.786 $\pm$ 303.519 χ^2 /NDF: 2.9/9

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

-37.720 $\pm$ 254.520 χ^2 /NDF: 17.0/7

350.786 $\pm$ 303.519 χ^2 /NDF: 2.9/9

asym_bpm0l03WS_rms vs Slug



Right In: 364.300+/-0.180 χ^2/NDF : 1154289.7/7

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

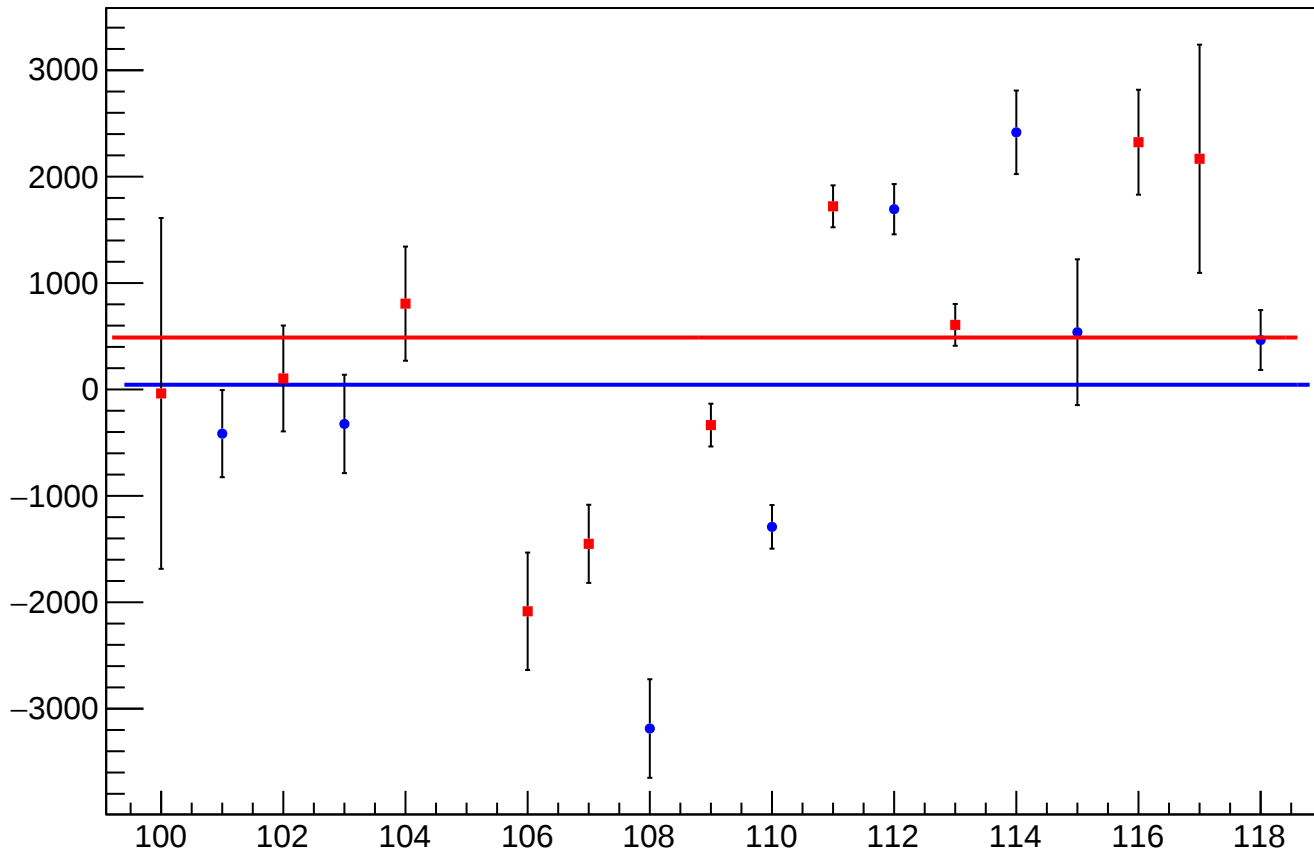
Right Out: 457.628+/-0.215 χ^2/NDF : 2020851.5/9

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

364.300+/-0.180 χ^2/NDF : 1154289.7/7

457.628+/-0.215 χ^2/NDF : 2020851.5/9

asym_bpm0l04WS_mean vs Slug



Right In: 44.329+/-113.024 χ^2/NDF : 181.1/7

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

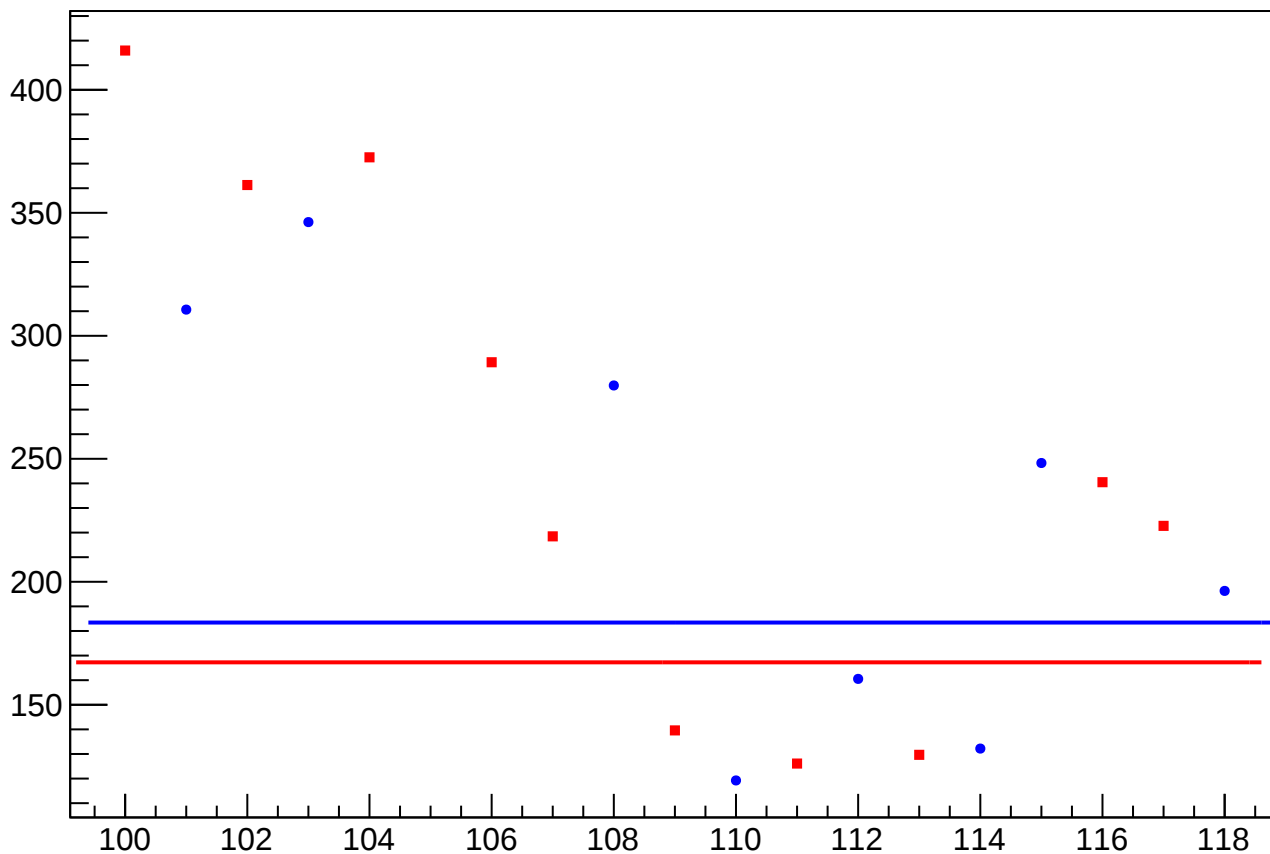
Right Out: 488.306+/-99.994 χ^2/NDF : 123.3/9

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

44.329+/-113.024 χ^2/NDF : 181.1/7

488.306+/-99.994 χ^2/NDF : 123.3/9

asym_bpm0l04WS_rms vs Slug



Right In: 183.430+/-0.080 χ^2/NDF : 798792.1/7

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

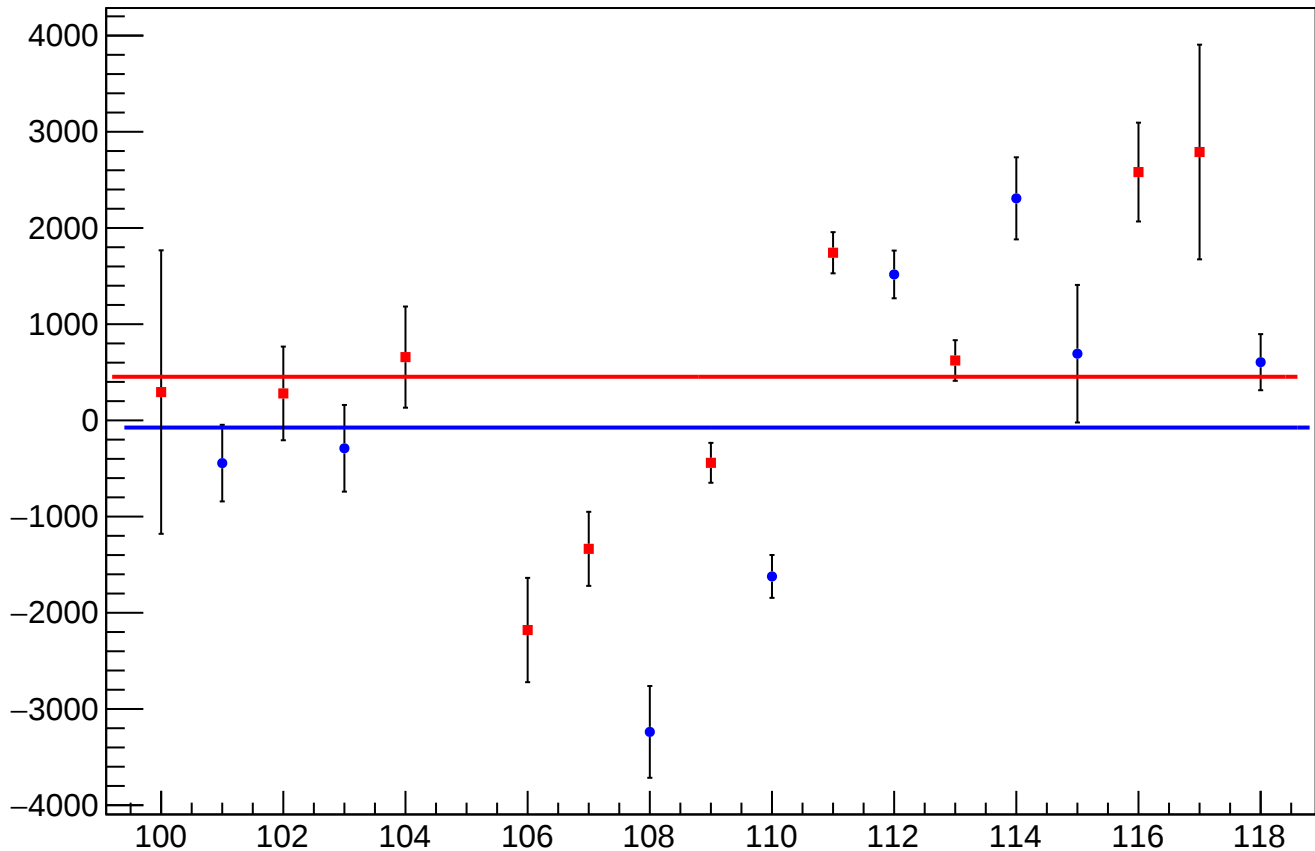
Right Out: 167.253+/-0.071 χ^2/NDF : 1027525.2/9

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

183.430+/-0.080 χ^2/NDF : 798792.1/7

167.253+/-0.071 χ^2/NDF : 1027525.2/9

asym_bpm0l05WS_mean vs Slug



Right In: -74.495+/-118.469 χ^2/NDF : 172.3/7

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

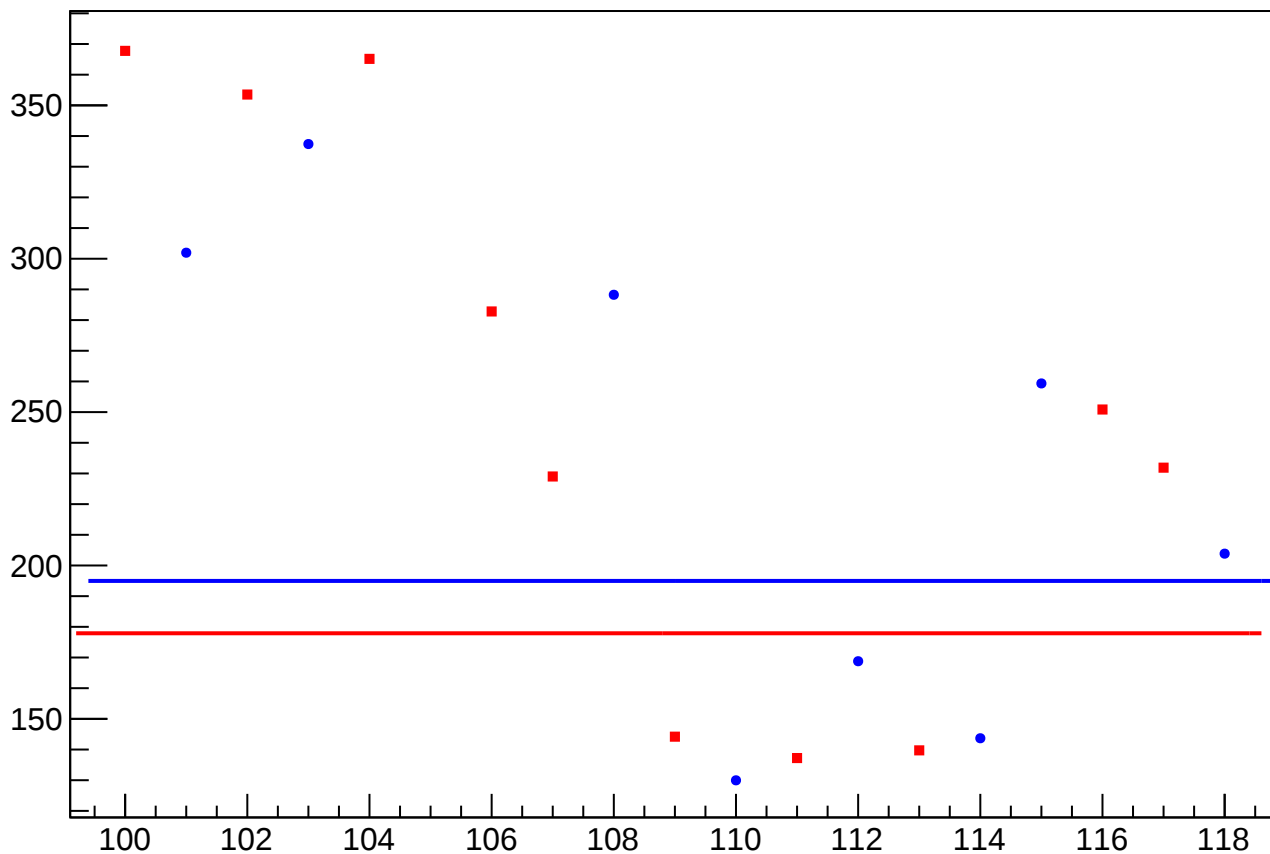
Right Out: 453.364+/-105.091 χ^2/NDF : 122.5/9

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

-74.495+/-118.469 χ^2/NDF : 172.3/7

453.364+/-105.091 χ^2/NDF : 122.5/9

asym_bpm0l05WS_rms vs Slug



Right In: 194.967+/-0.084 χ^2/NDF : 660208.4/7

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

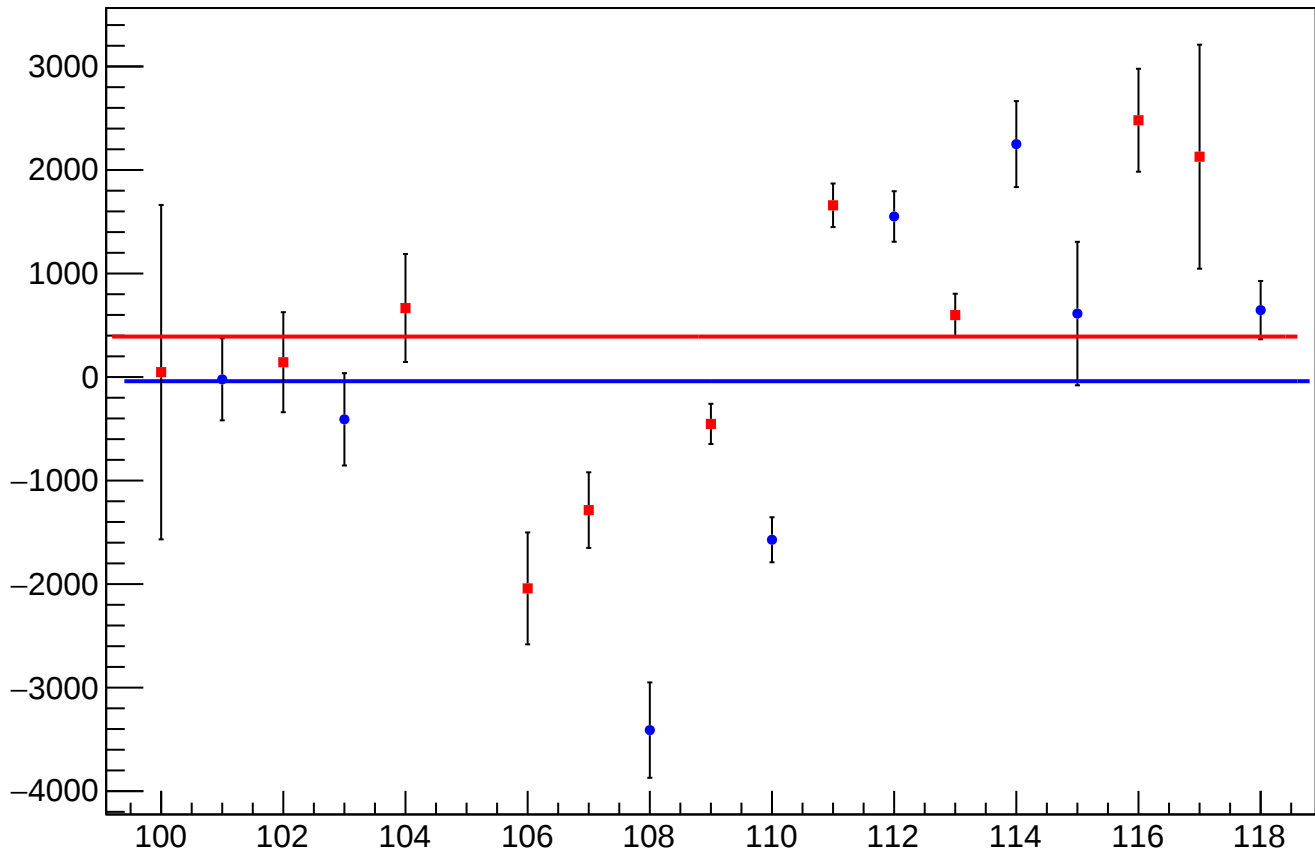
Right Out: 177.900+/-0.074 χ^2/NDF : 892723.6/9

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

194.967+/-0.084 χ^2/NDF : 660208.4/7

177.900+/-0.074 χ^2/NDF : 892723.6/9

asym_bpm0l06WS_mean vs Slug



Right In: -40.232 ± 115.839 χ^2/NDF : 183.5/7

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

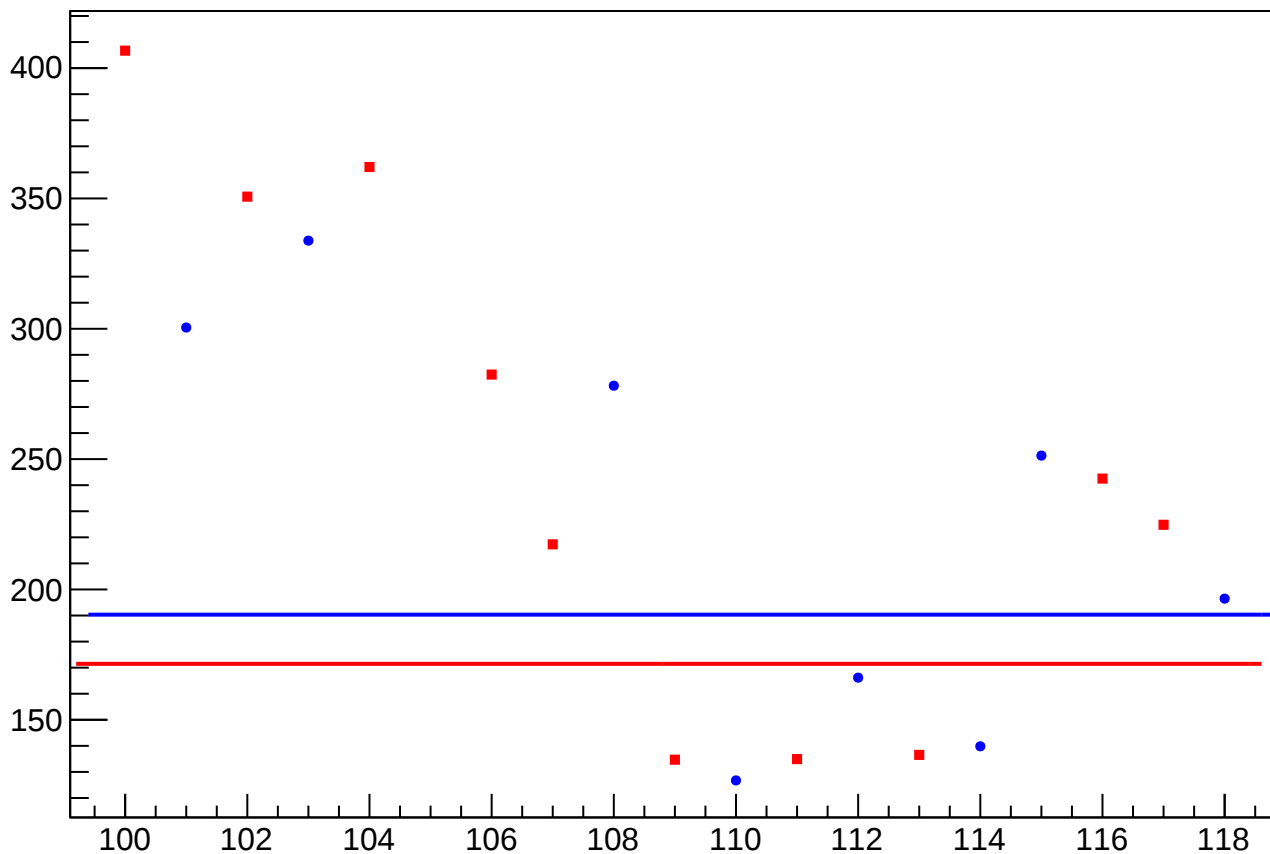
Right Out: 391.061 ± 101.733 χ^2/NDF : 118.2/9

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

-40.232 ± 115.839 χ^2/NDF : 183.5/7

391.061 ± 101.733 χ^2/NDF : 118.2/9

asym_bpm0l06WS_rms vs Slug



Right In: 190.332+/-0.082 χ^2/NDF : 670919.4/7

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

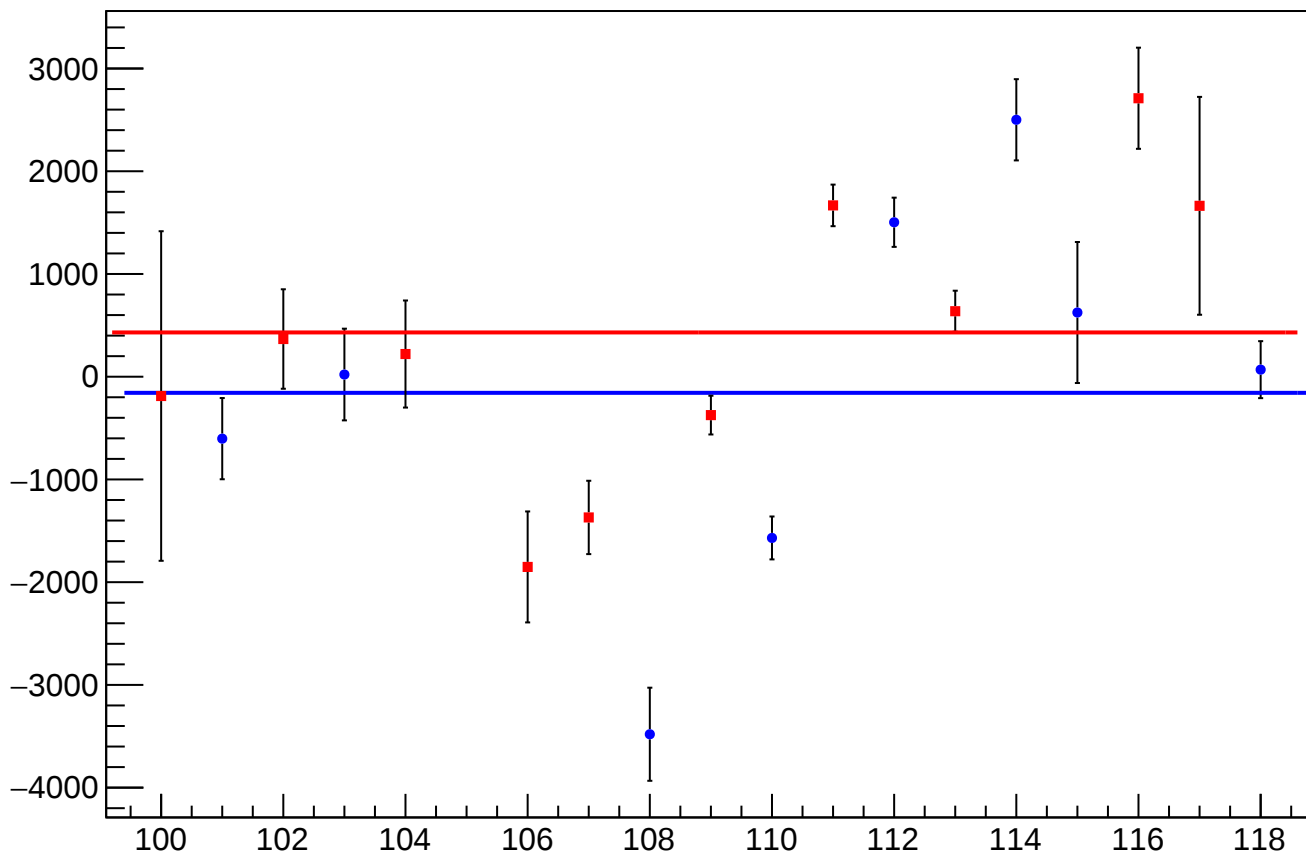
Right Out: 171.465+/-0.072 χ^2/NDF : 935437.3/9

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

190.332+/-0.082 χ^2/NDF : 670919.4/7

171.465+/-0.072 χ^2/NDF : 935437.3/9

asym_bpm0l07WS_mean vs Slug



Right In: -156.912+/-113.095 χ^2 /NDF: 196.2/7

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

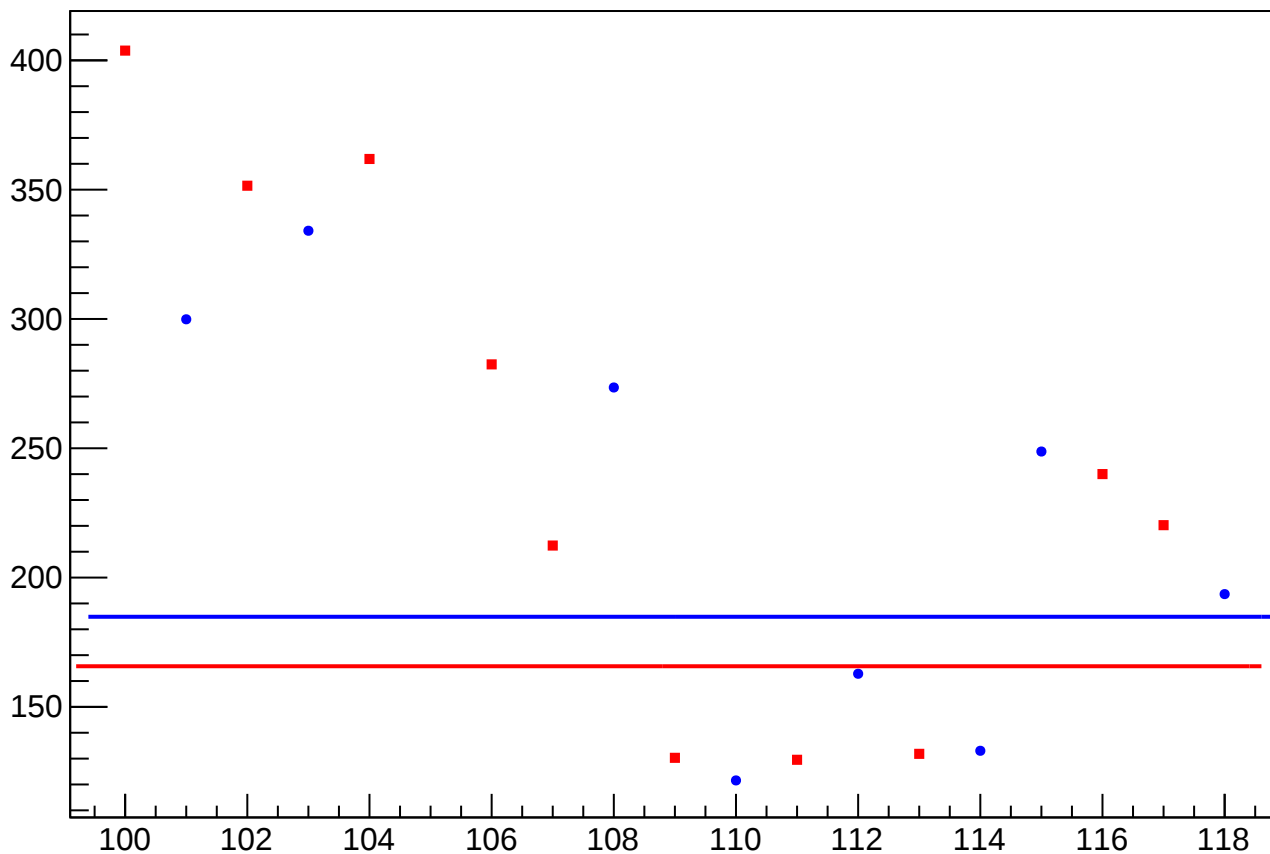
Right Out: 430.943+/-98.886 χ^2 /NDF: 123.0/9

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

-156.912+/-113.095 χ^2 /NDF: 196.2/7

430.943+/-98.886 χ^2 /NDF: 123.0/9

asym_bpm0l07WS_rms vs Slug



Right In: 184.847+/-0.080 χ^2/NDF : 723953.2/7

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

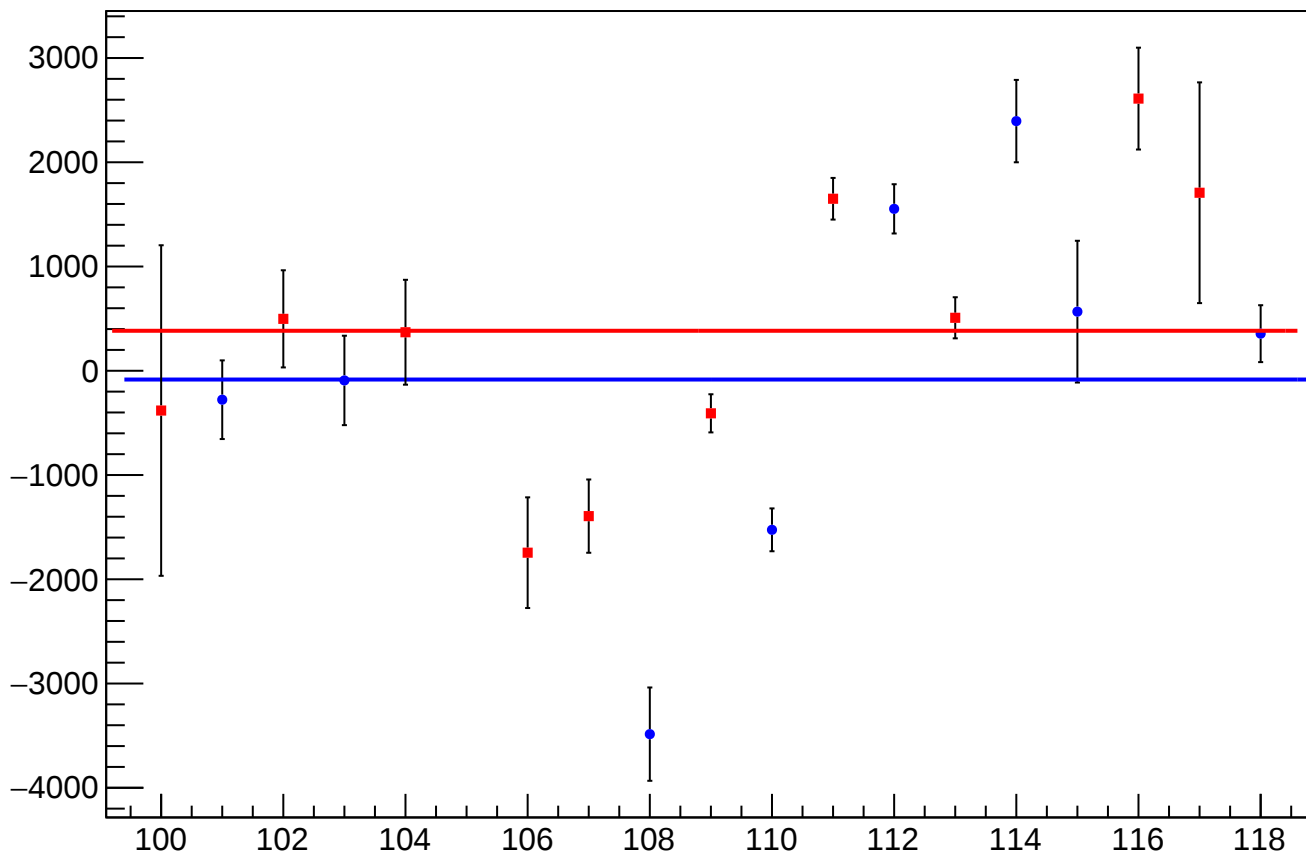
Right Out: 165.715+/-0.070 χ^2/NDF : 992453.9/9

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

184.847+/-0.080 χ^2/NDF : 723953.2/7

165.715+/-0.070 χ^2/NDF : 992453.9/9

asym_bpm0l08WS_mean vs Slug



Right In: -84.057 ± 111.077 χ^2/NDF : 198.2/7

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

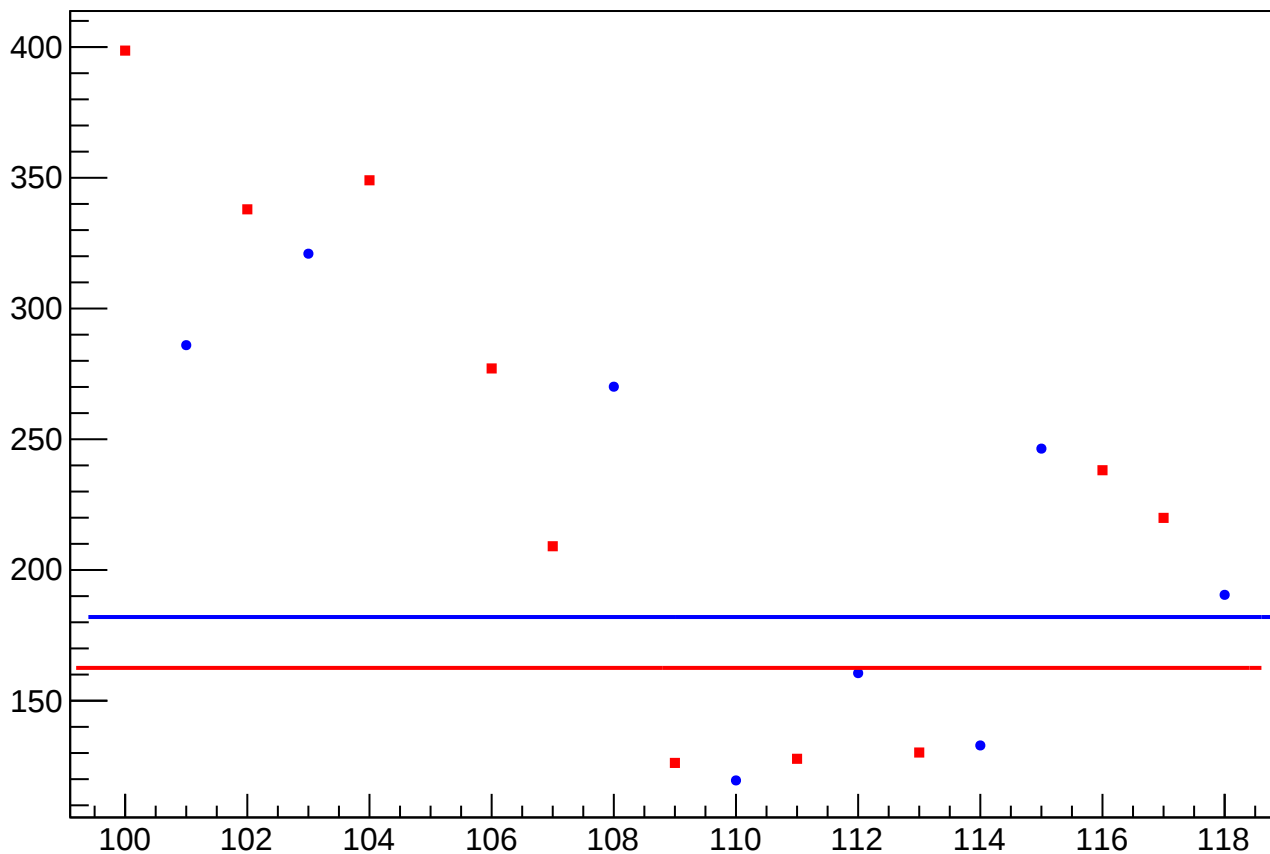
Right Out: 383.627 ± 96.964 χ^2/NDF : 123.6/9

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

-84.057 ± 111.077 χ^2/NDF : 198.2/7

383.627 ± 96.964 χ^2/NDF : 123.6/9

asym_bpm0l08WS_rms vs Slug



Right In: 182.012 $\pm$ 0.079 χ^2 /NDF: 691619.4/7

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

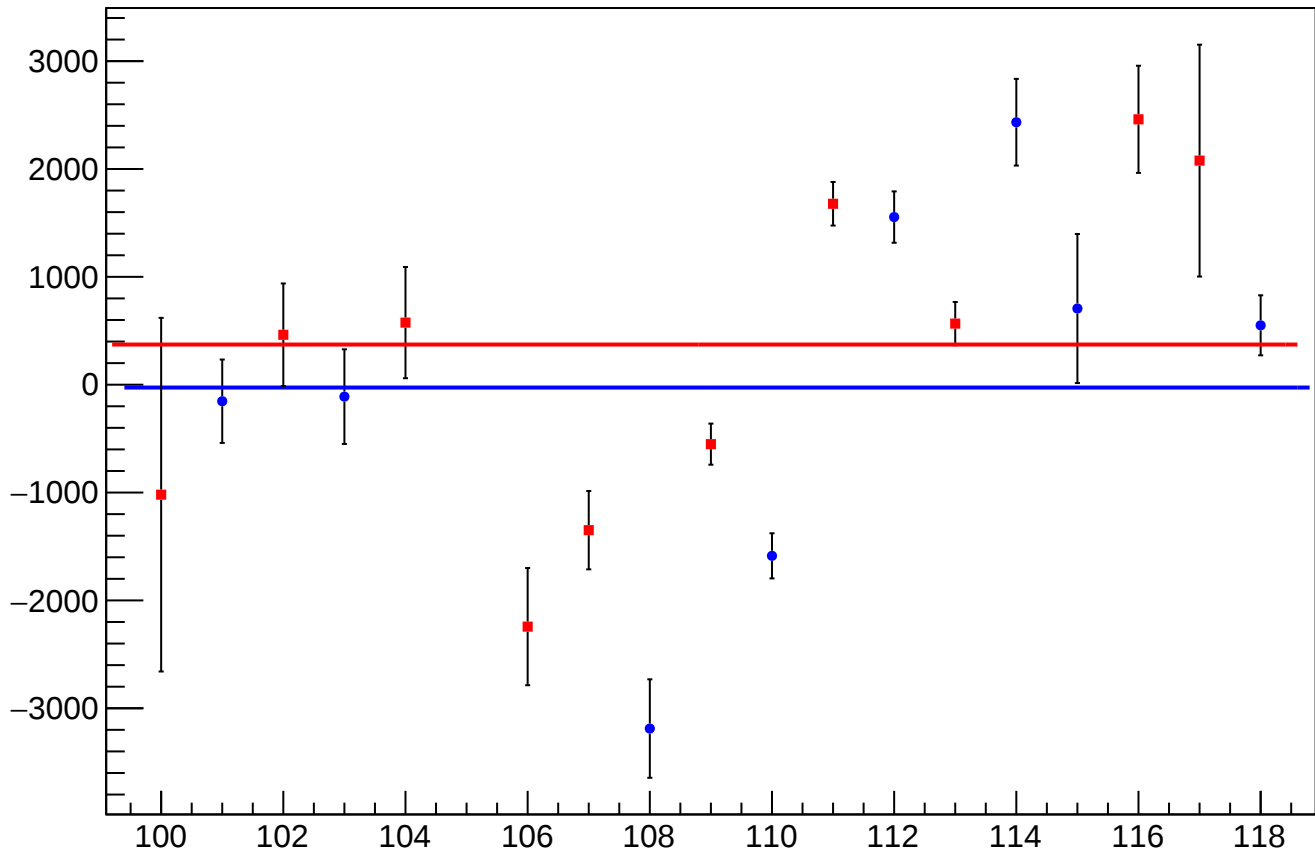
Right Out: 162.554 $\pm$ 0.069 χ^2 /NDF: 977994.6/9

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

182.012 $\pm$ 0.079 χ^2 /NDF: 691619.4/7

162.554 $\pm$ 0.069 χ^2 /NDF: 977994.6/9

asym_bpm0l09WS_mean vs Slug



Right In: -26.383+/-112.952 χ^2/NDF : 190.7/7

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

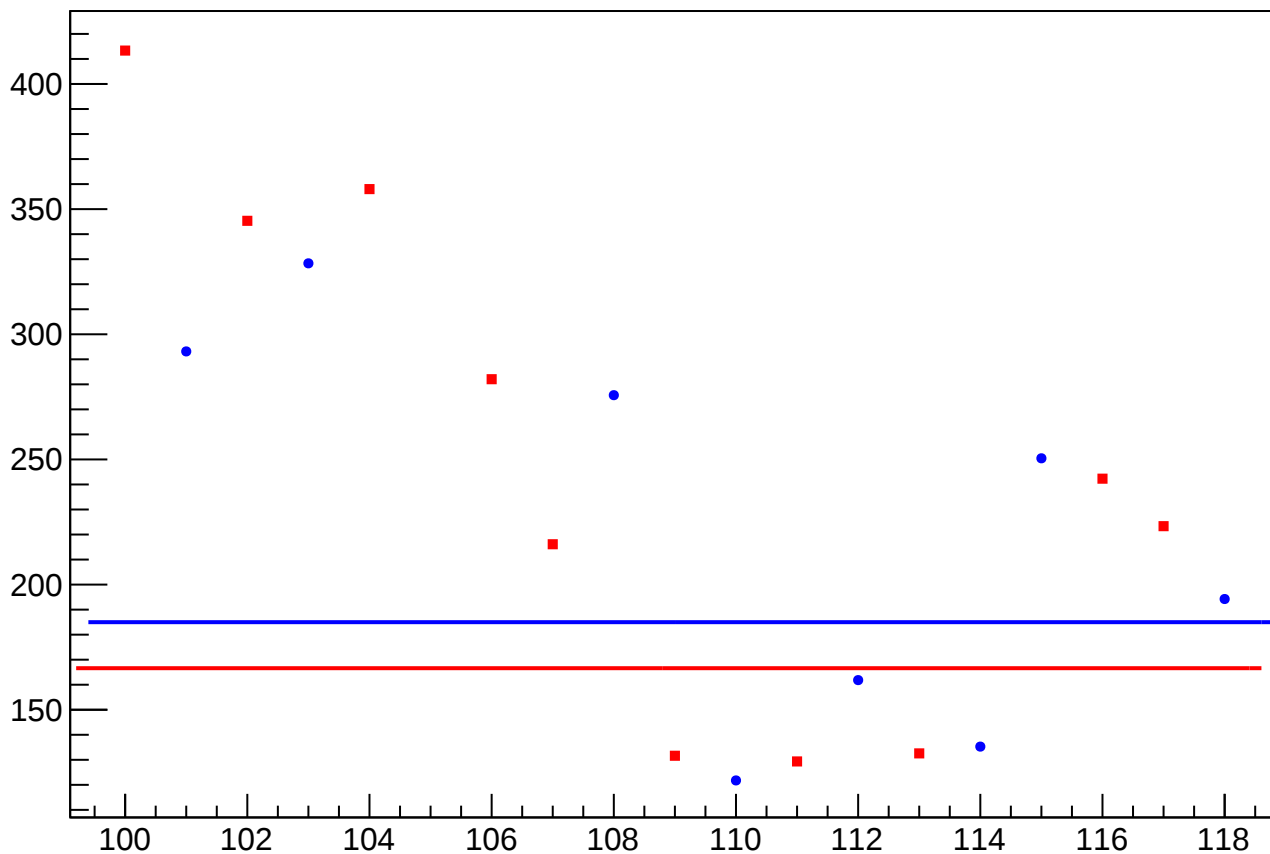
Right Out: 372.355+/-99.321 χ^2/NDF : 132.9/9

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

-26.383+/-112.952 χ^2/NDF : 190.7/7

372.355+/-99.321 χ^2/NDF : 132.9/9

asym_bpm0l09WS_rms vs Slug



Right In: 184.986+/-0.080 χ^2/NDF : 701455.3/7

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

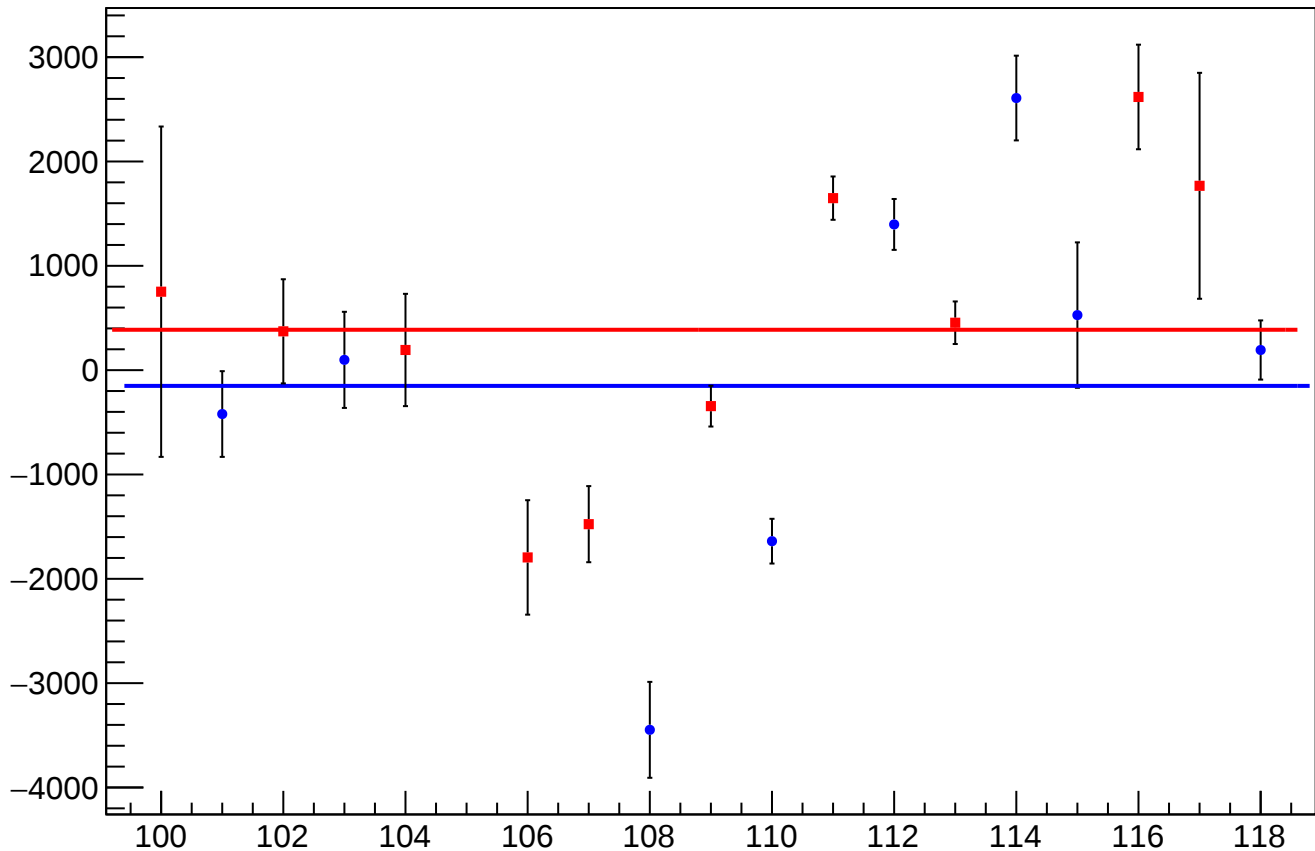
Right Out: 166.602+/-0.070 χ^2/NDF : 975647.8/9

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

184.986+/-0.080 χ^2/NDF : 701455.3/7

166.602+/-0.070 χ^2/NDF : 975647.8/9

asym_bpm0l10WS_mean vs Slug



Right In: -150.806 ± 115.855 χ^2/NDF : 189.2/7

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

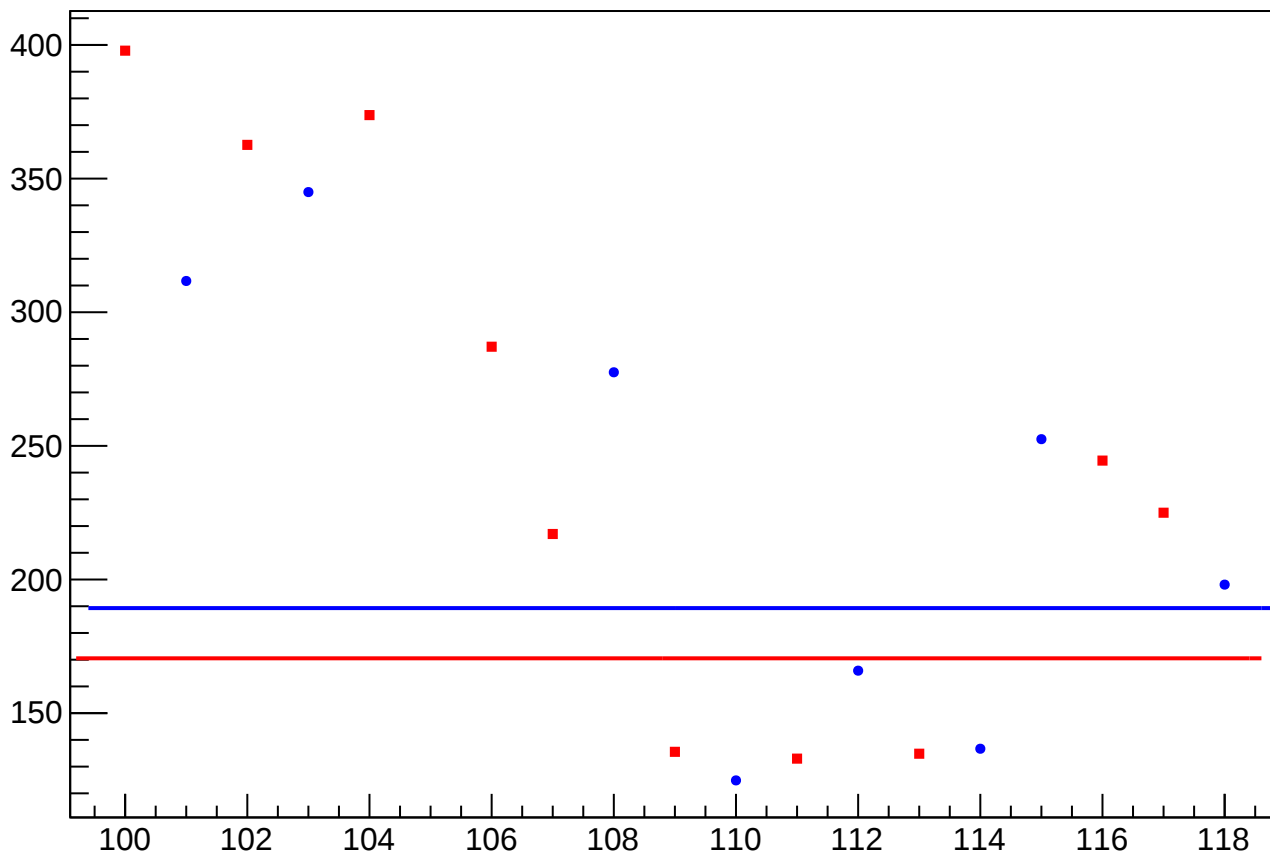
Right Out: 387.134 ± 101.597 χ^2/NDF : 114.6/9

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

-150.806 ± 115.855 χ^2/NDF : 189.2/7

387.134 ± 101.597 χ^2/NDF : 114.6/9

asym_bpm0l10WS_rms vs Slug



Right In: 189.307 $\pm$ 0.082 χ^2 /NDF: 730834.8/7

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

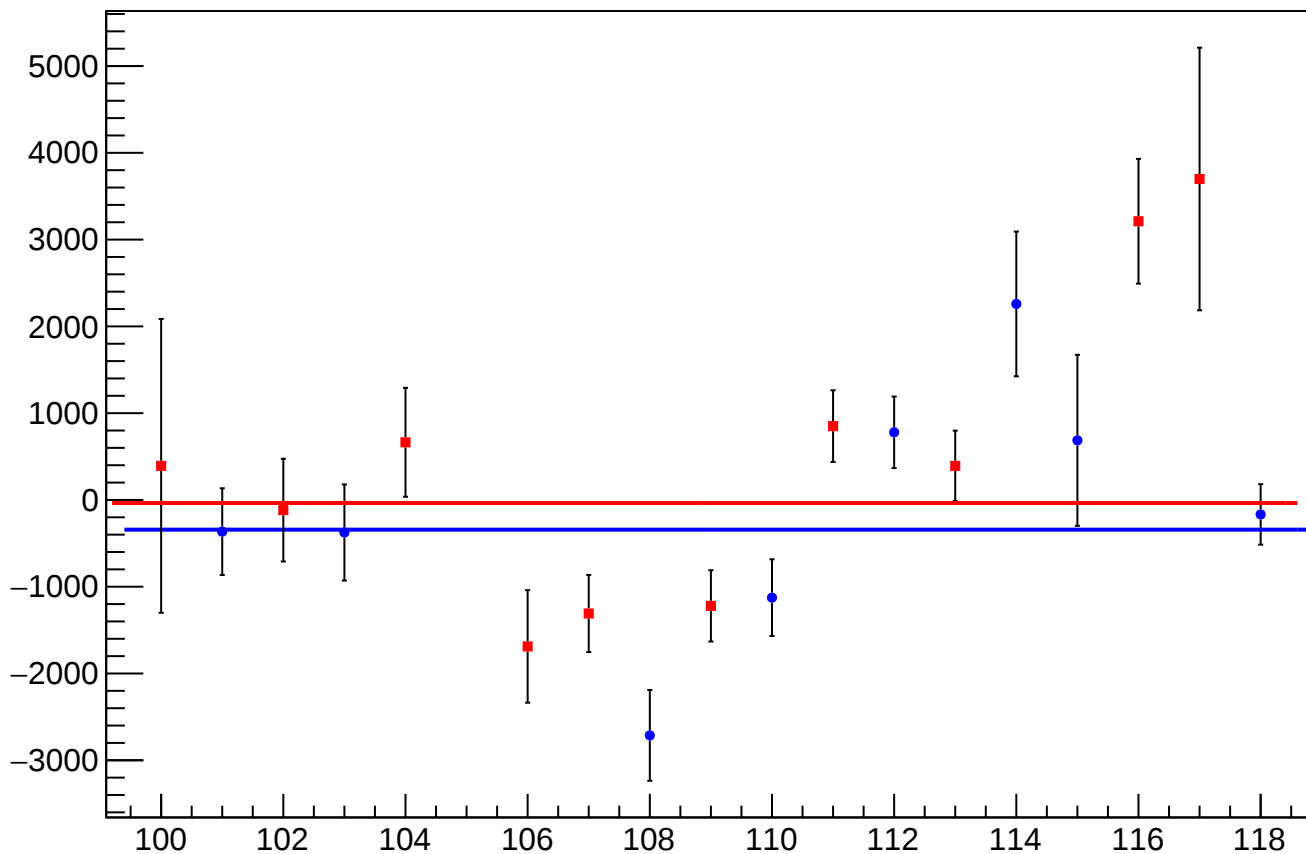
Right Out: 170.516 $\pm$ 0.072 χ^2 /NDF: 984867.4/9

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

189.307 $\pm$ 0.082 χ^2 /NDF: 730834.8/7

170.516 $\pm$ 0.072 χ^2 /NDF: 984867.4/9

asym_bpm0r03WS_mean vs Slug



Right In: -342.458+/-175.113 χ^2/NDF : 42.1/7

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

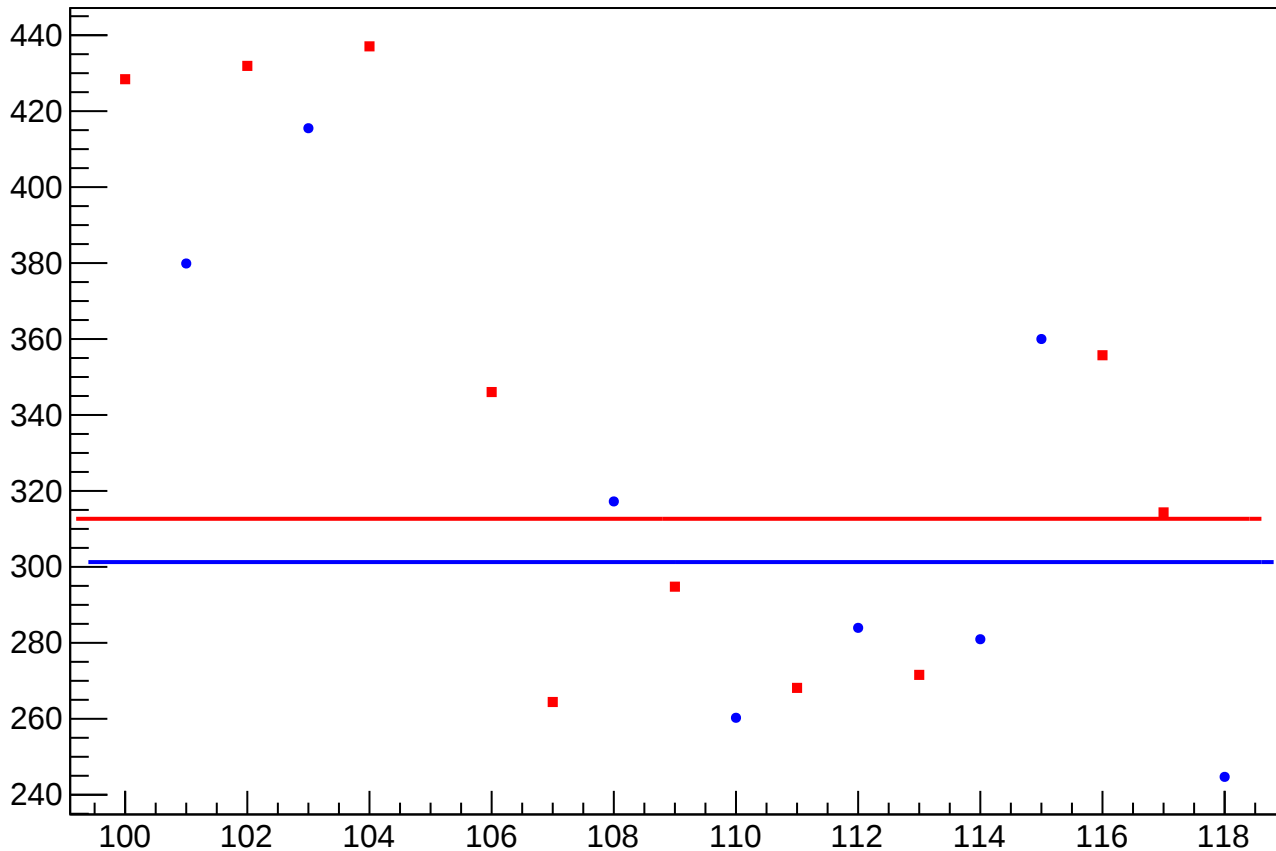
Right Out: -35.010+/-173.038 χ^2/NDF : 56.5/9

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

-342.458+/-175.113 χ^2/NDF : 42.1/7

-35.010+/-173.038 χ^2/NDF : 56.5/9

asym_bpm0r03WS_rms vs Slug



Right In: 301.268 $\pm$ 0.124 χ^2 /NDF: 218035.8/7

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

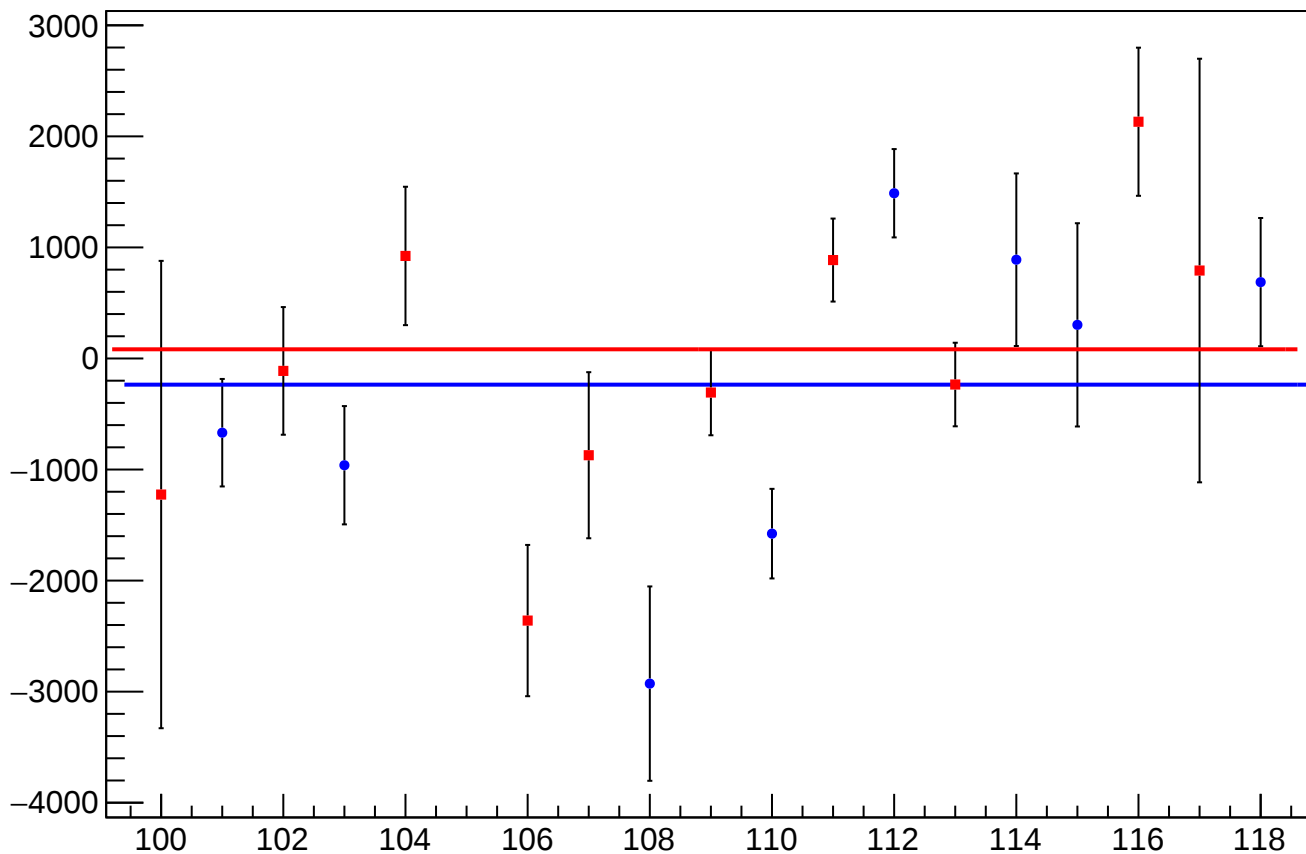
Right Out: 312.664 $\pm$ 0.122 χ^2 /NDF: 252670.8/9

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

301.268 $\pm$ 0.124 χ^2 /NDF: 218035.8/7

312.664 $\pm$ 0.122 χ^2 /NDF: 252670.8/9

asym_bpm0r05WS_mean vs Slug



Right In: -235.696+/-190.980 χ^2 /NDF: 47.0/7

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

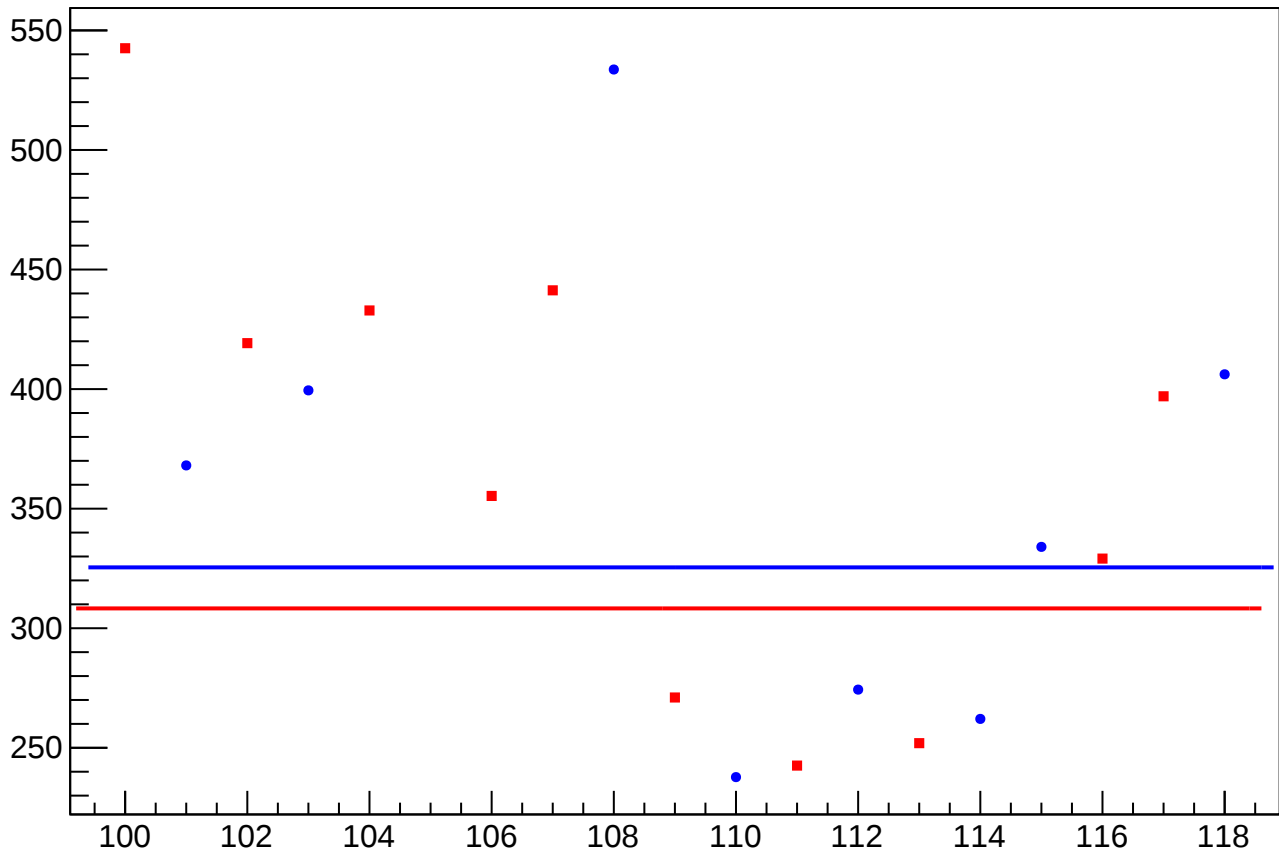
Right Out: 82.575+/-173.373 χ^2 /NDF: 32.7/9

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

-235.696+/-190.980 χ^2 /NDF: 47.0/7

82.575+/-173.373 χ^2 /NDF: 32.7/9

asym_bpm0r05WS_rms vs Slug



Right In: 325.449+/-0.135 χ^2/NDF : 347549.7/7

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

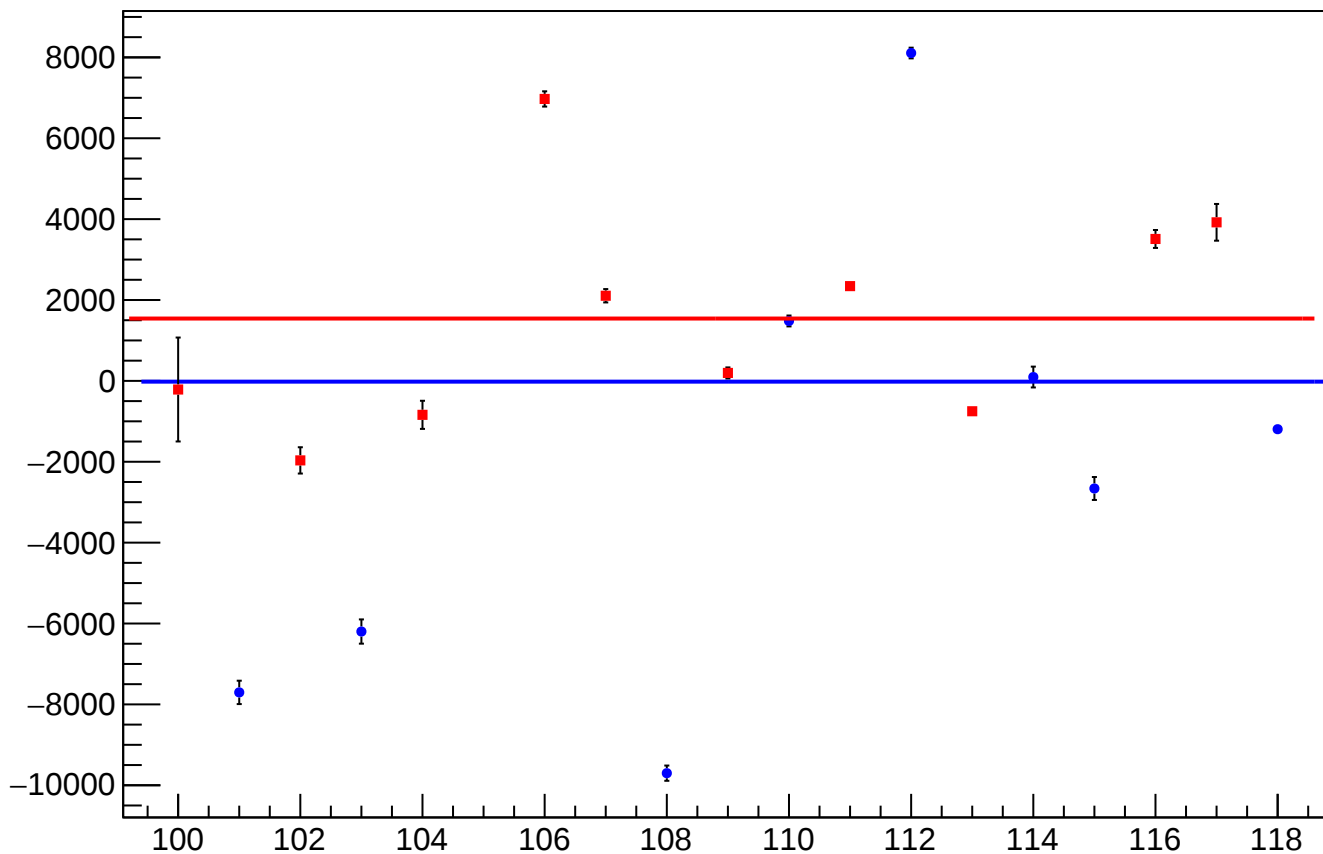
Right Out: 308.289+/-0.123 χ^2/NDF : 383825.4/9

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

325.449+/-0.135 χ^2/NDF : 347549.7/7

308.289+/-0.123 χ^2/NDF : 383825.4/9

asym_bpm1i04WS_mean vs Slug



Right In: -18.765 ± 61.988 χ^2/NDF : 7837.2/7

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

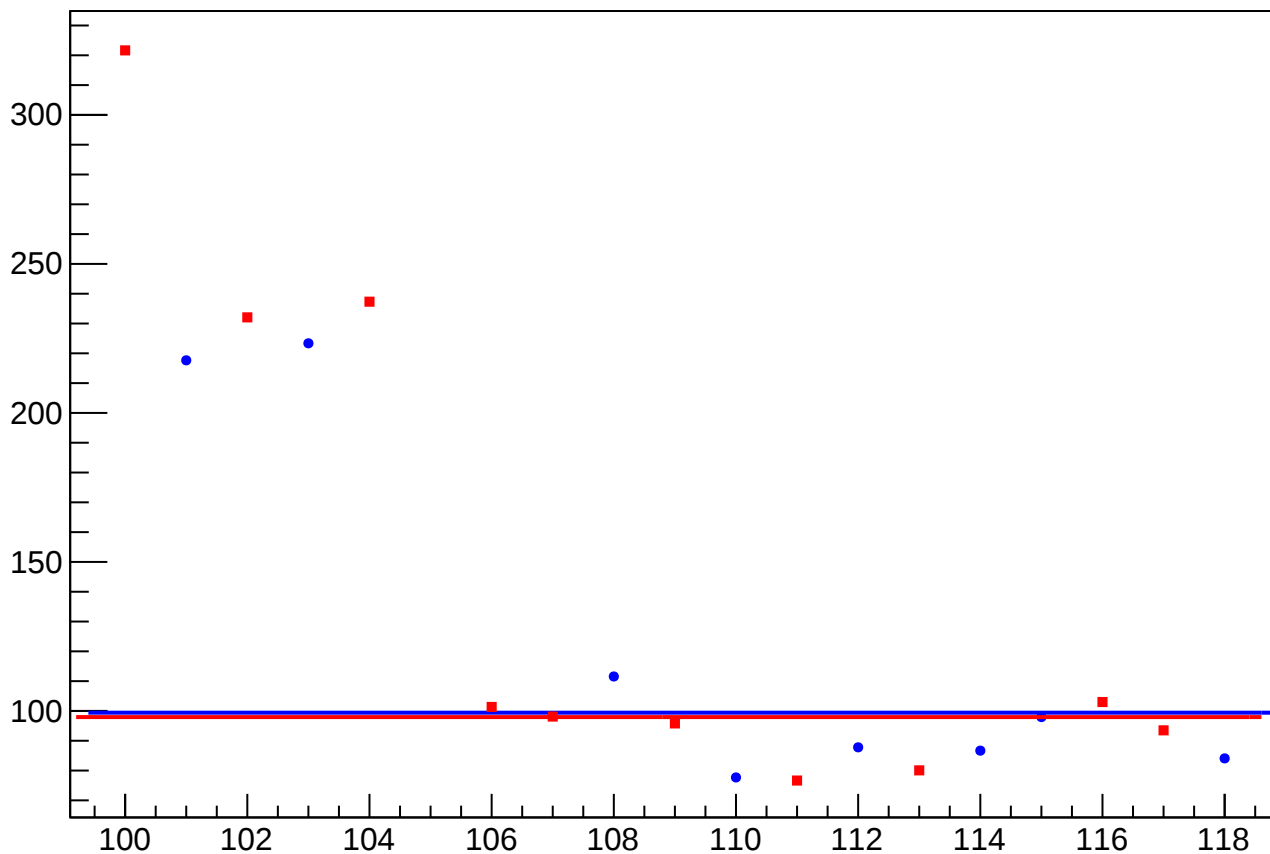
Right Out: 1541.713 ± 58.137 χ^2/NDF : 1601.5/9

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

-18.765 ± 61.988 χ^2/NDF : 7837.2/7

1541.713 ± 58.137 χ^2/NDF : 1601.5/9

asym_bpm1i04WS_rms vs Slug



Right In: 99.418 $\pm$ 0.044 χ^2 /NDF: 789857.0/7

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

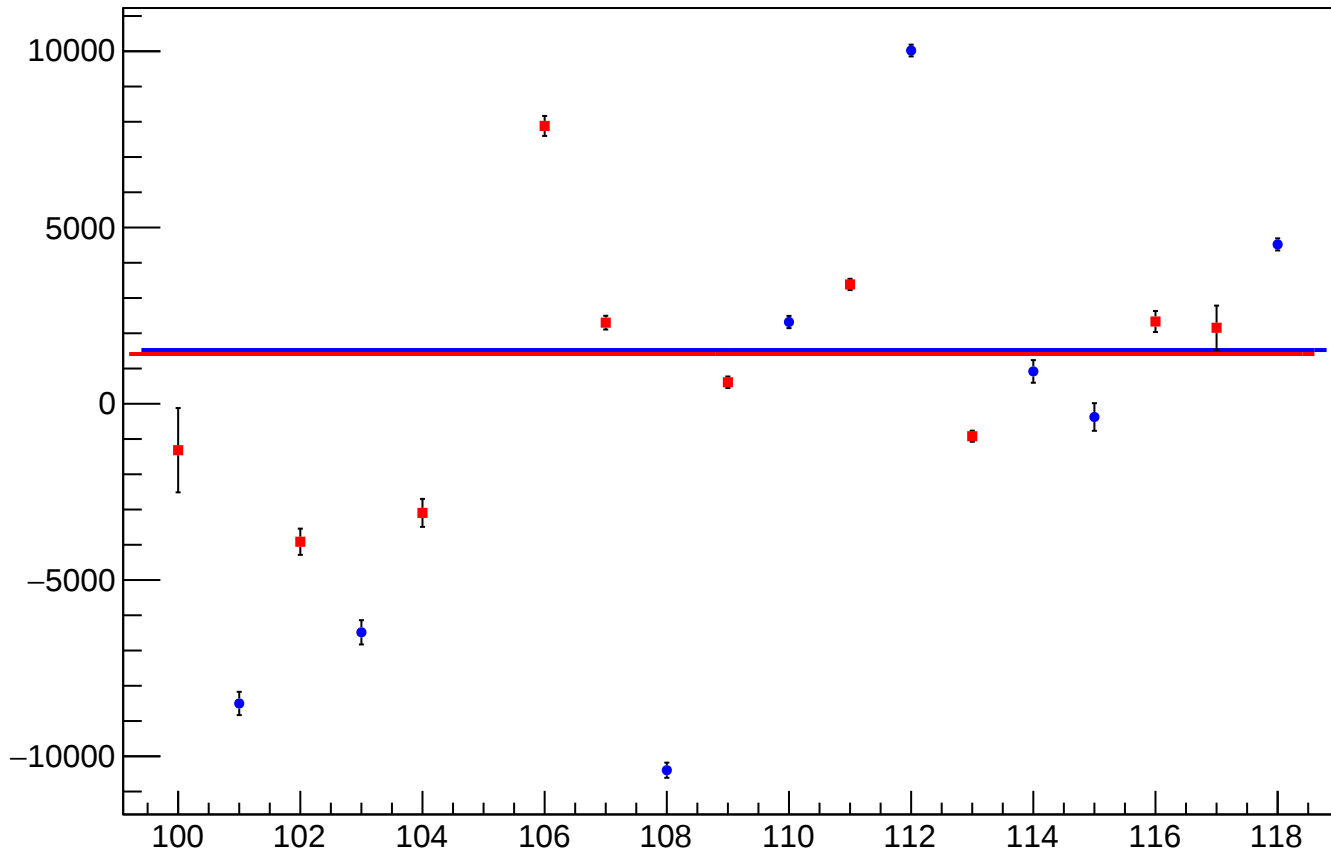
Right Out: 97.942 $\pm$ 0.041 χ^2 /NDF: 828140.2/9

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

99.418 $\pm$ 0.044 χ^2 /NDF: 789857.0/7

97.942 $\pm$ 0.041 χ^2 /NDF: 828140.2/9

asym_bpm1i06WS_mean vs Slug



Right In: 1524.579 $\pm$ 79.377 χ^2 /NDF: 7488.2/7

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

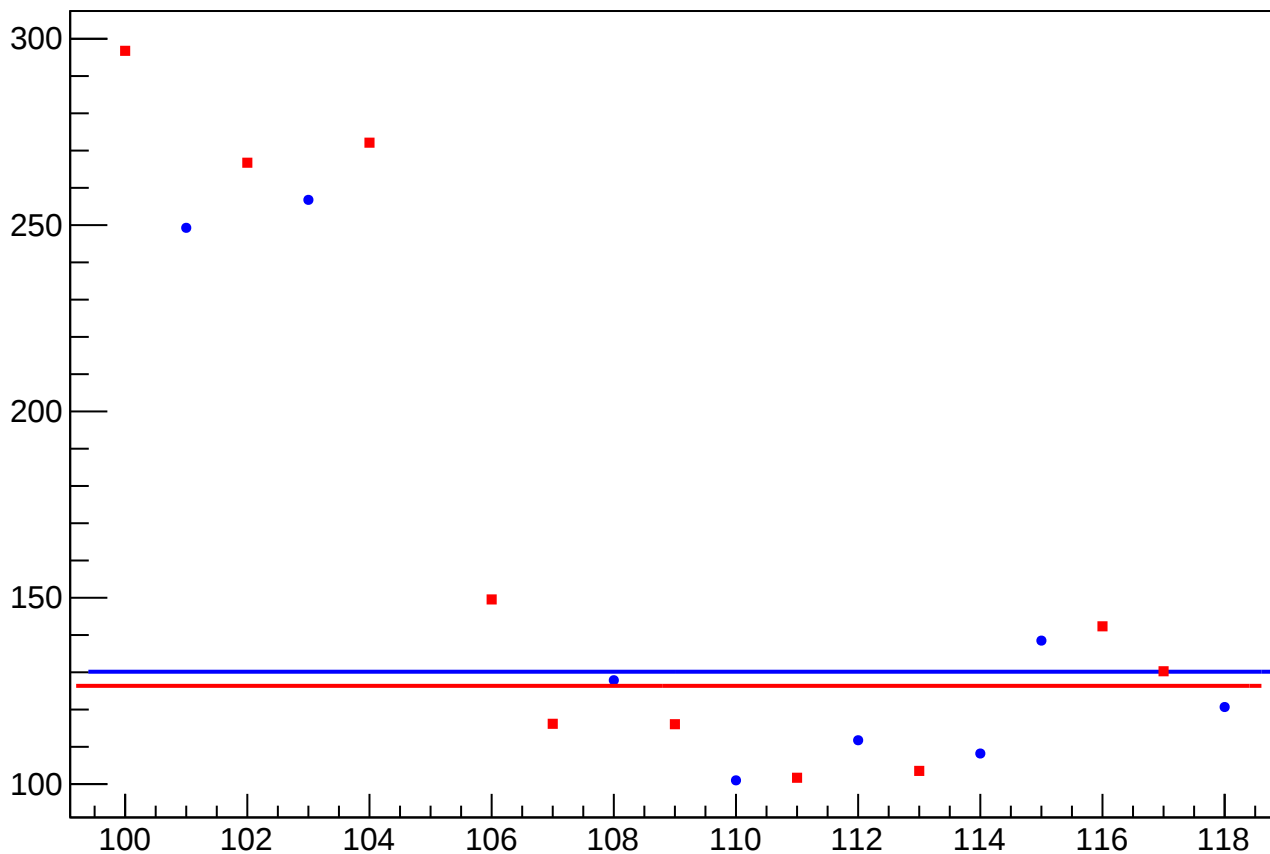
Right Out: 1411.722 $\pm$ 73.857 χ^2 /NDF: 1287.9/9

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

1524.579 $\pm$ 79.377 χ^2 /NDF: 7488.2/7

1411.722 $\pm$ 73.857 χ^2 /NDF: 1287.9/9

asym_bpm1i06WS_rms vs Slug



Right In: 130.153+/-0.056 χ^2/NDF : 628017.0/7

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

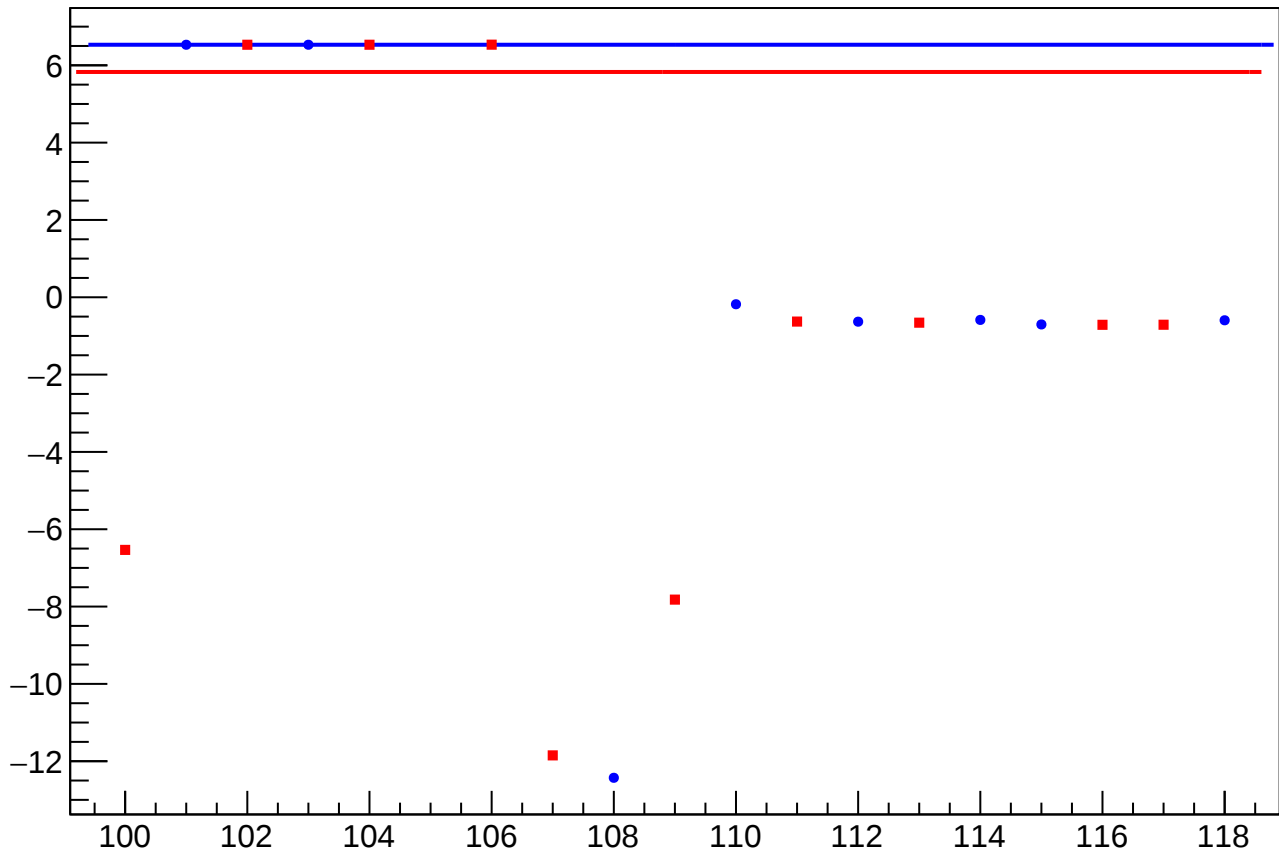
Right Out: 126.362+/-0.052 χ^2/NDF : 717035.9/9

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

130.153+/-0.056 χ^2/NDF : 628017.0/7

126.362+/-0.052 χ^2/NDF : 717035.9/9

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 44358395157.4/7

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

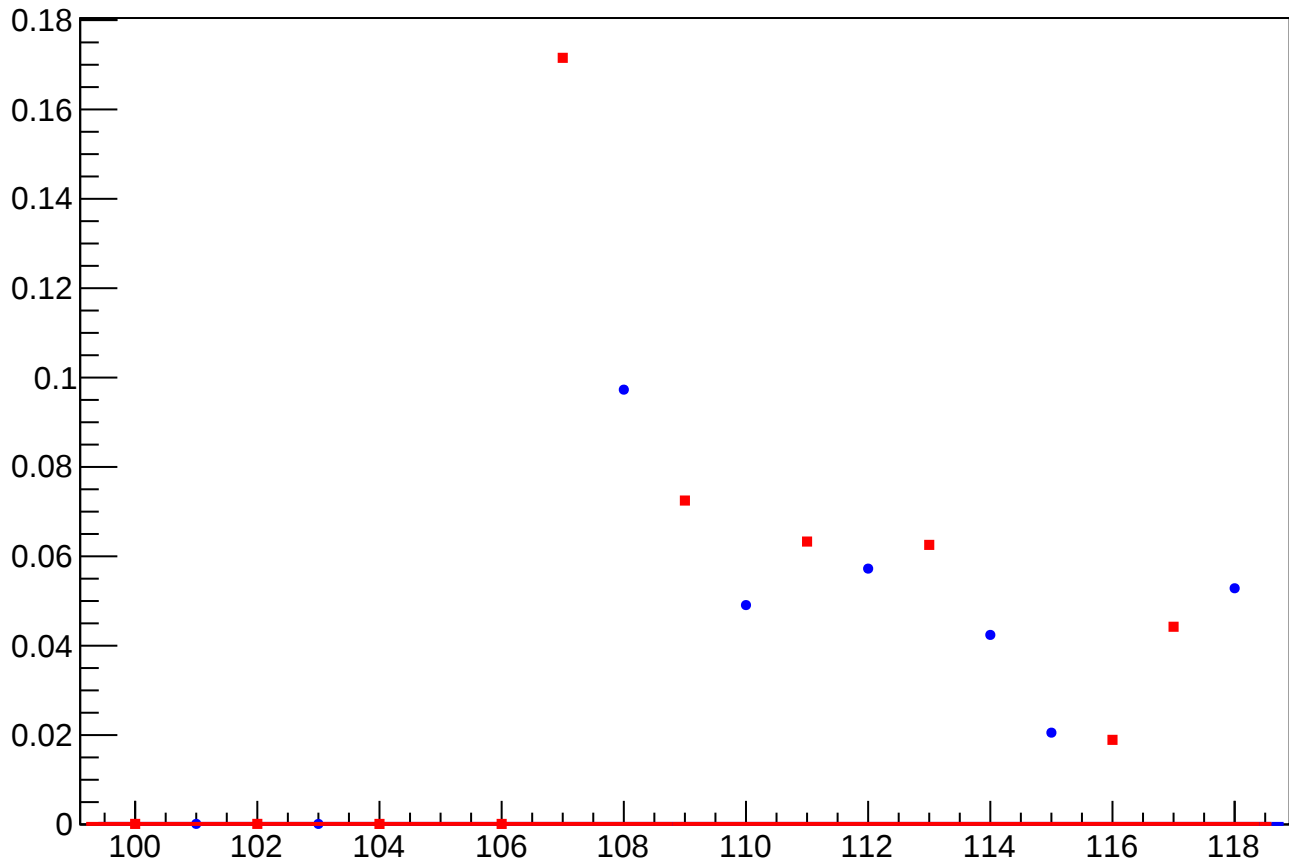
6.532 $\pm$ 0.000 χ^2 /NDF: 44358395157.4/7

Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755885495855449.6/9

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

5.828 $\pm$ 0.000 χ^2 /NDF: 755885495855449.6/9

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3190453.8/7

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

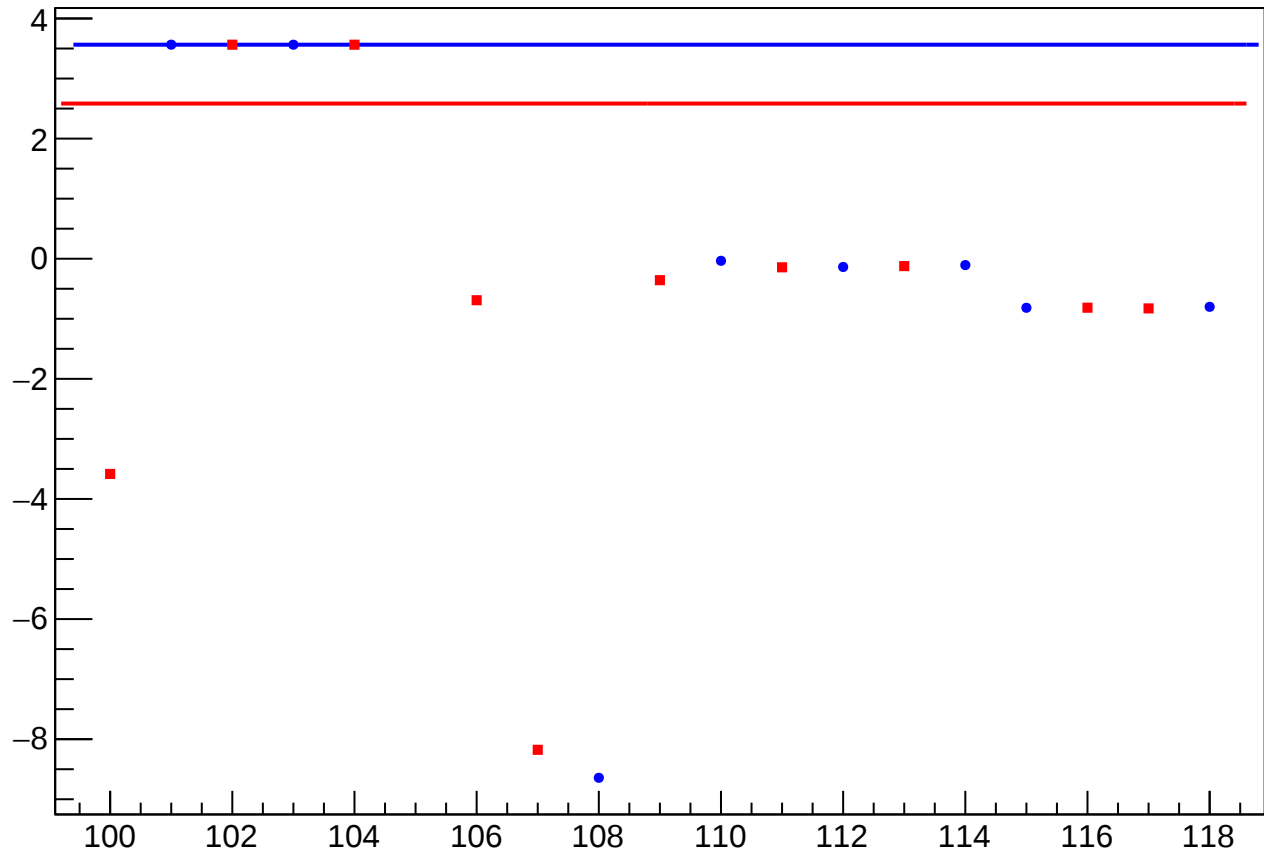
Right Out: 0.000+/-0.000 χ^2/NDF : 3231203.6/9

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

0.000+/-0.000 χ^2/NDF : 3190453.8/7

0.000+/-0.000 χ^2/NDF : 3231203.6/9

yield_cav4bY_mean vs Slug



Right In: 3.564+/-0.000 χ^2/NDF : 60846188118.5/7

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

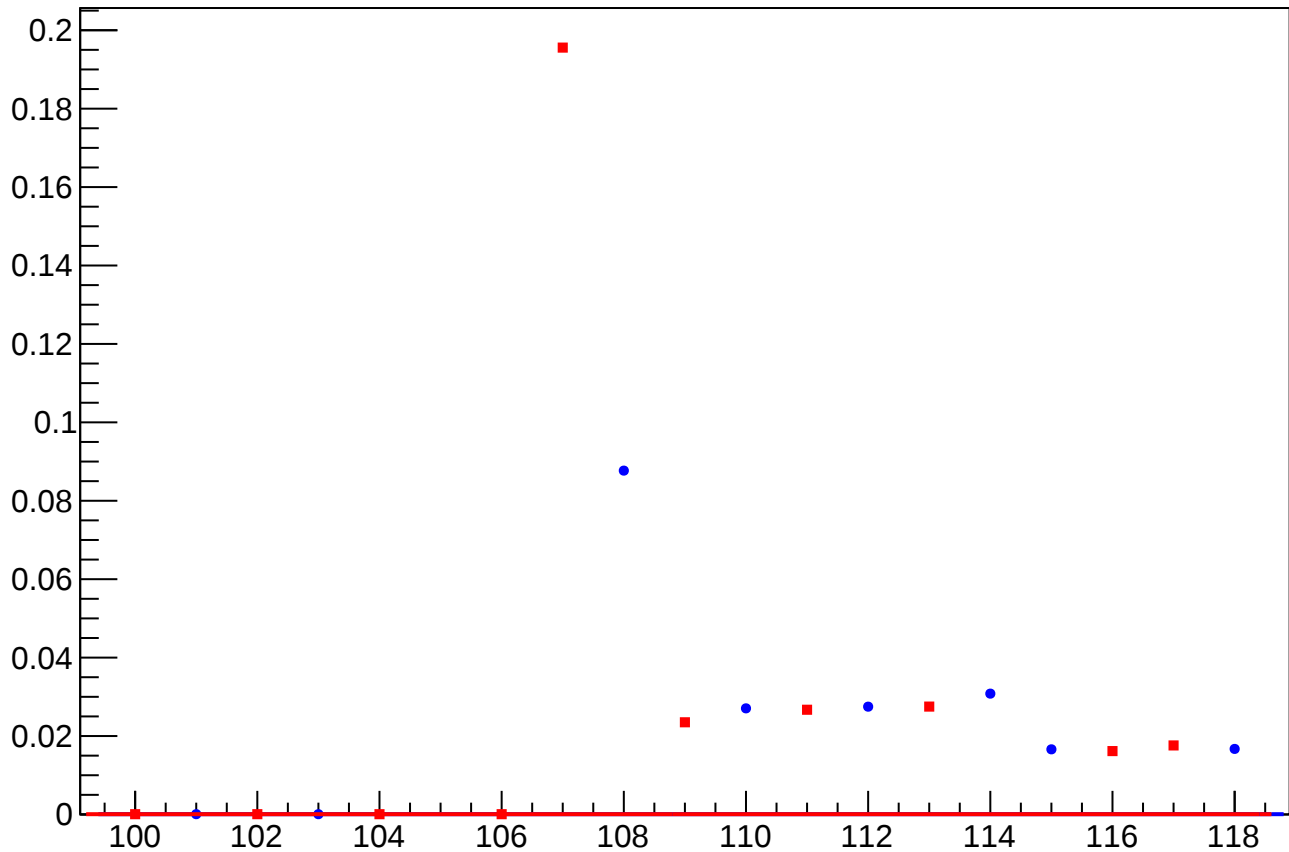
Right Out: 2.584+/-0.000 χ^2/NDF : 1253264247546255.8/9

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

3.564+/-0.000 χ^2/NDF : 60846188118.5/7

2.584+/-0.000 χ^2/NDF : 1253264247546255.8/9

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3461375.3/7

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

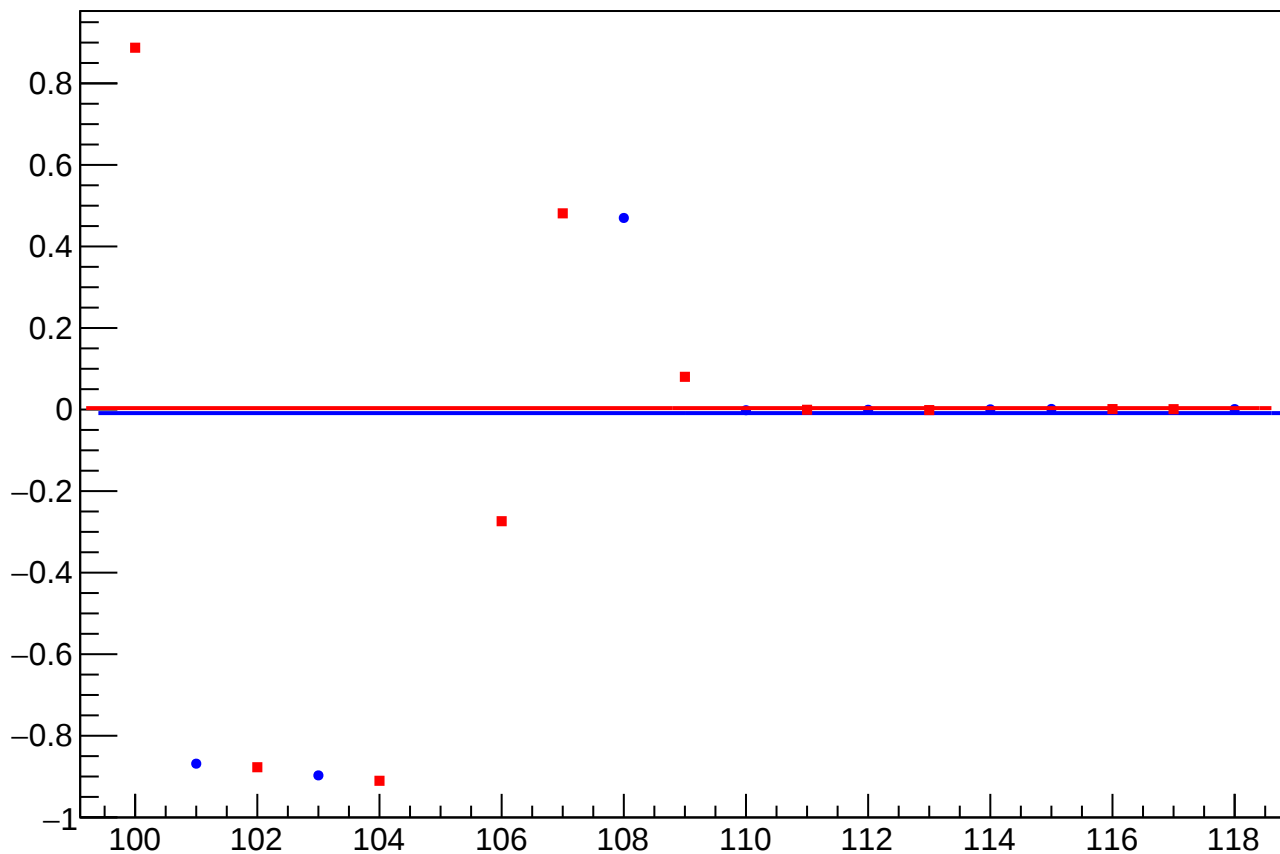
Right Out: 0.000+/-0.000 χ^2/NDF : 3235883.4/9

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

0.000+/-0.000 χ^2/NDF : 3461375.3/7

0.000+/-0.000 χ^2/NDF : 3235883.4/9

yield_cav4cX_mean vs Slug



Right In: -0.009+/-0.000 χ^2/NDF : 9765264635.4/7

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

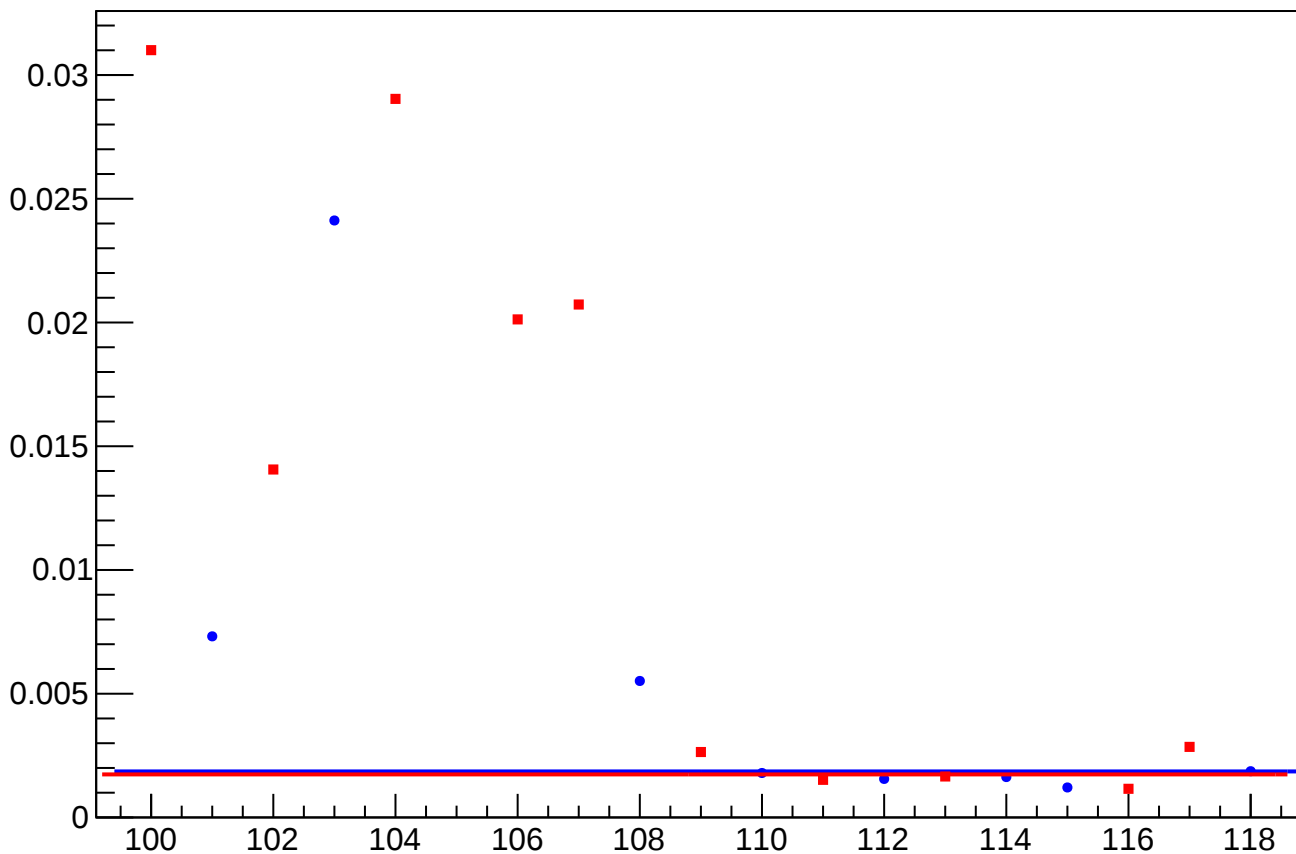
Right Out: 0.004+/-0.000 χ^2/NDF : 3037198057.6/9

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

-0.009+/-0.000 χ^2/NDF : 9765264635.4/7

0.004+/-0.000 χ^2/NDF : 3037198057.6/9

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1692571.3/7

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

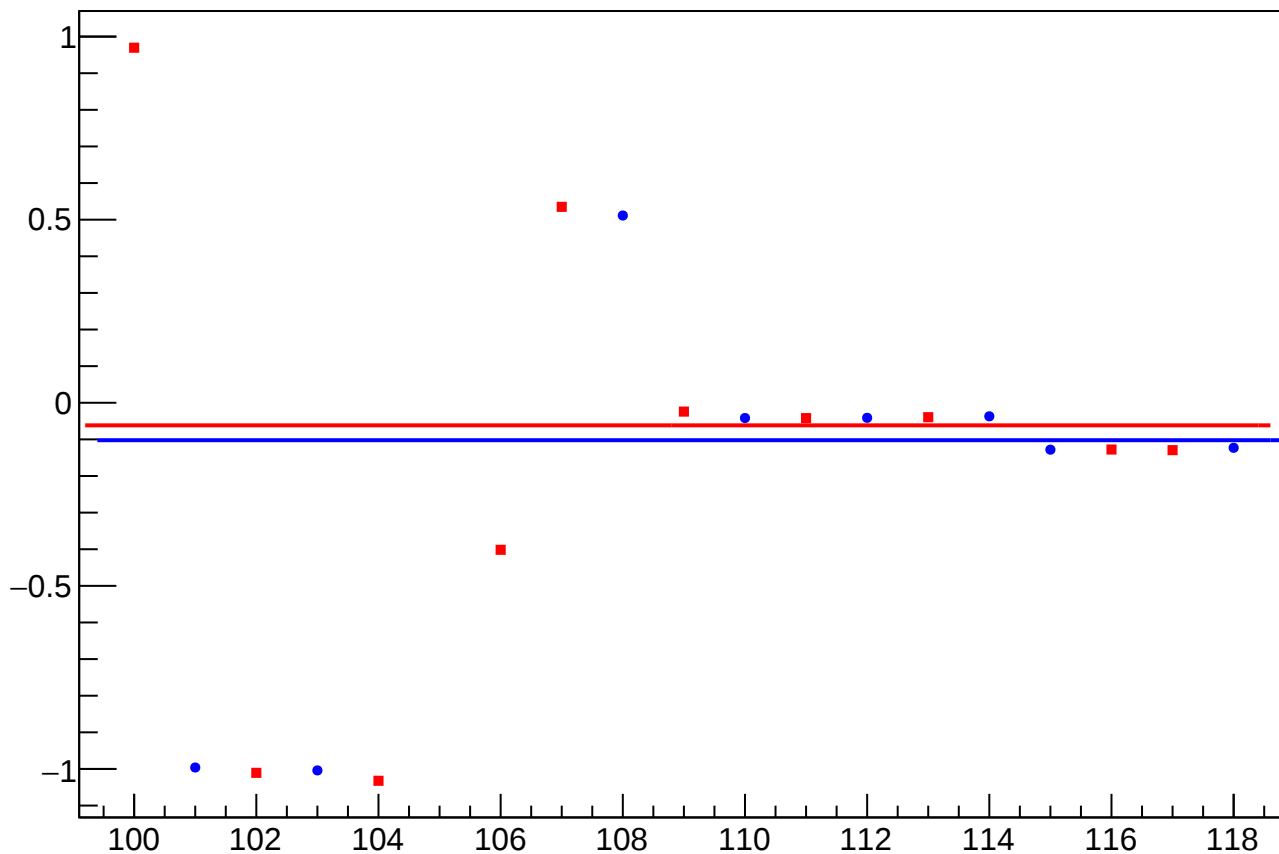
Right Out: 0.002+/-0.000 χ^2/NDF : 2836008.9/9

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

0.002+/-0.000 χ^2/NDF : 1692571.3/7

0.002+/-0.000 χ^2/NDF : 2836008.9/9

yield_cav4cY_mean vs Slug



Right In: -0.102+/-0.000 χ^2/NDF : 3816274858.3/7

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

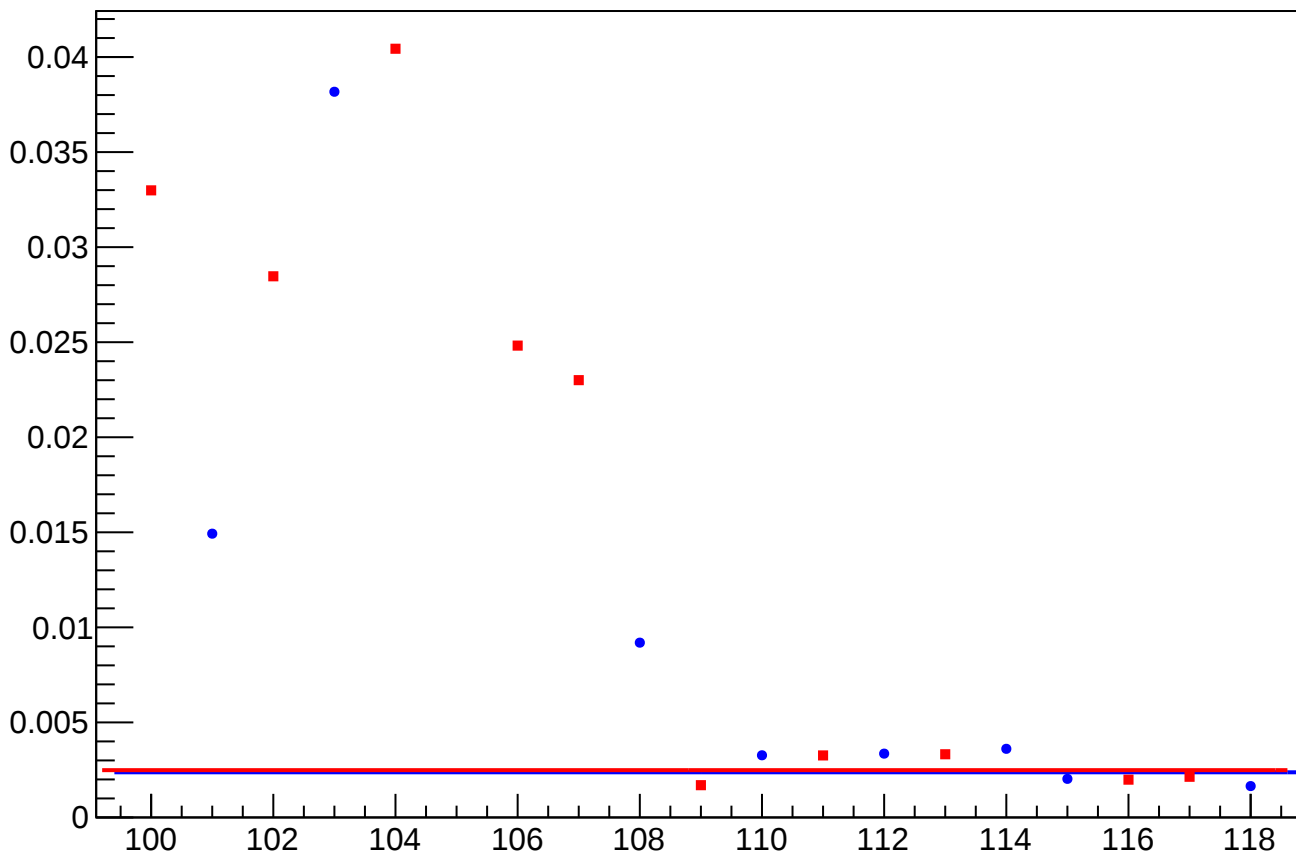
Right Out: -0.062+/-0.000 χ^2/NDF : 1632400810.8/9

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

-0.102+/-0.000 χ^2/NDF : 3816274858.3/7

-0.062+/-0.000 χ^2/NDF : 1632400810.8/9

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2353307.5/7

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

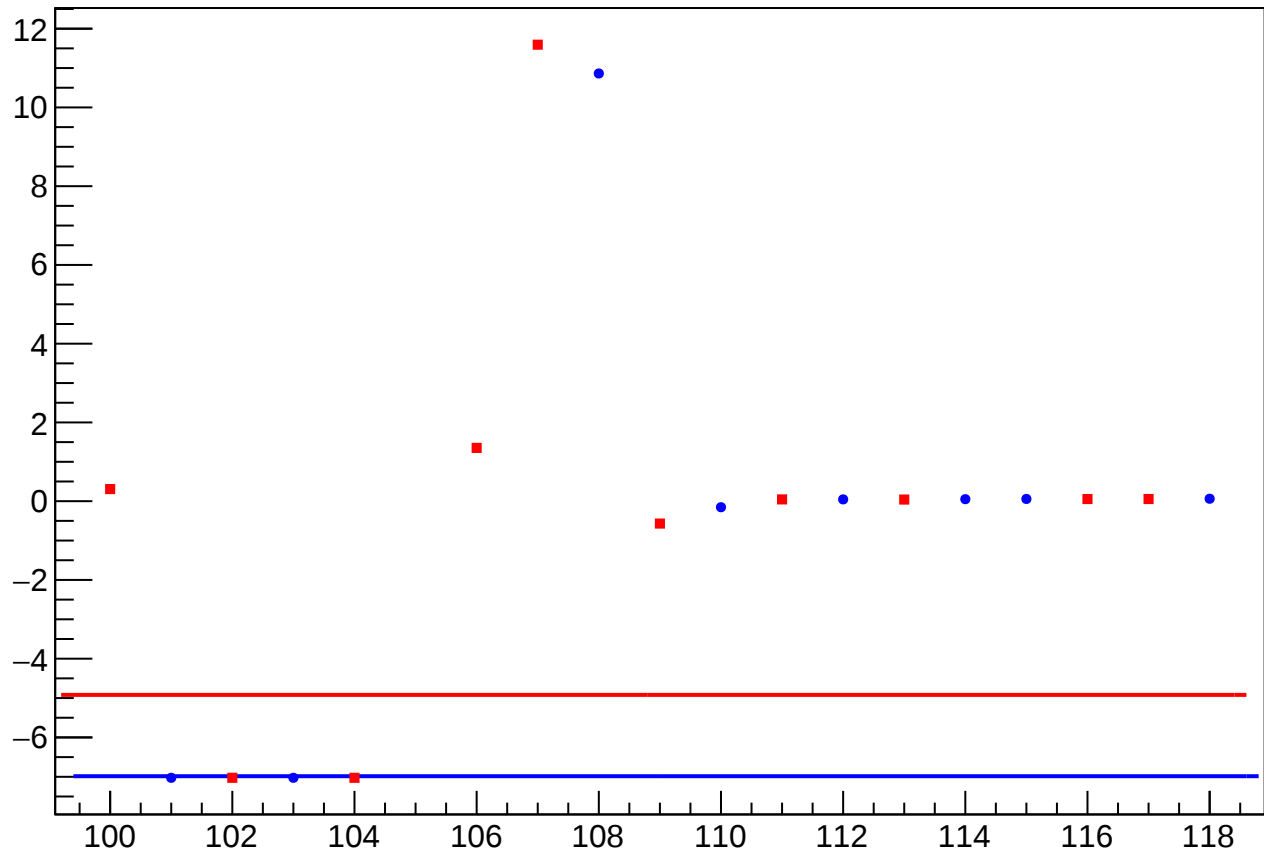
Right Out: 0.002+/-0.000 χ^2/NDF : 2911185.7/9

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

0.002+/-0.000 χ^2/NDF : 2353307.5/7

0.002+/-0.000 χ^2/NDF : 2911185.7/9

yield_cav4dX_mean vs Slug



Right In: -6.985+/-0.000 χ^2/NDF : 6981025826172.5/7

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

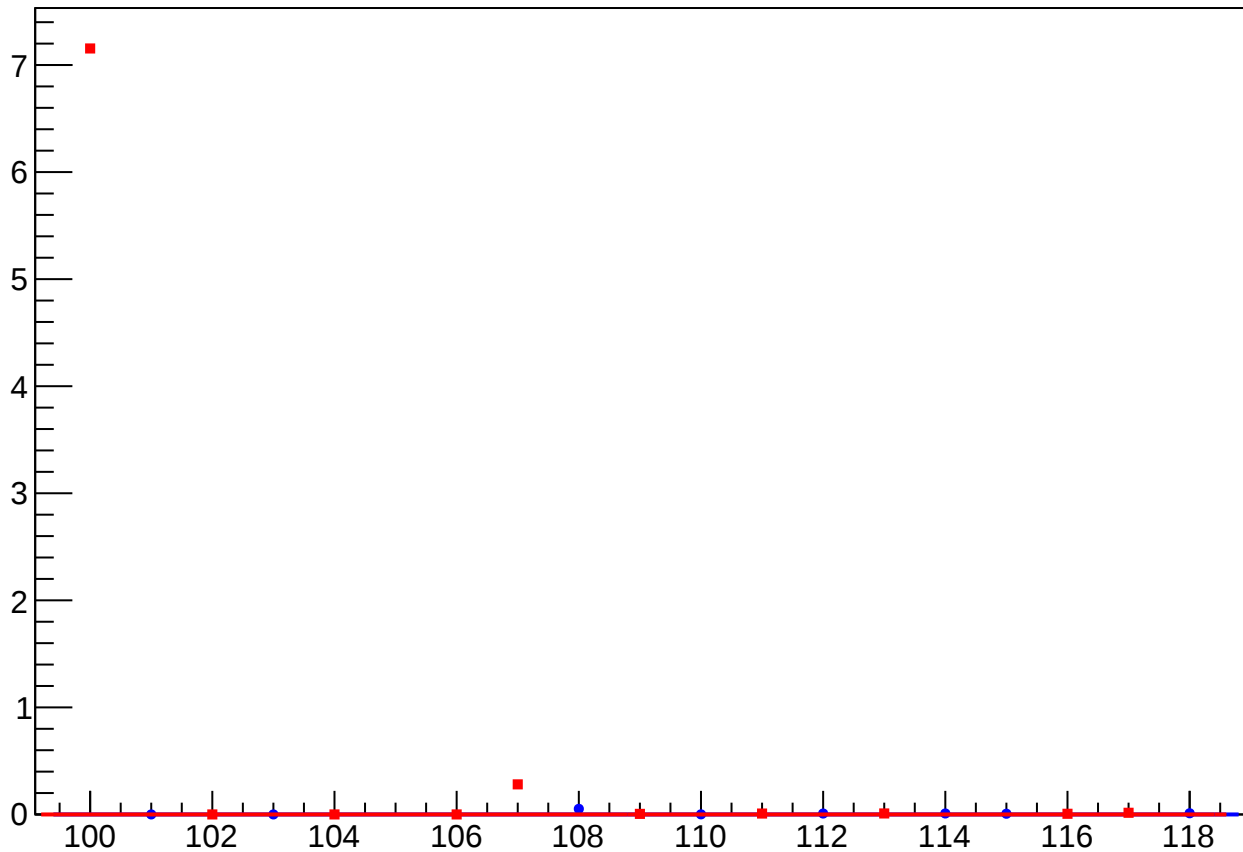
Right Out: -4.920+/-0.000 χ^2/NDF : 364571481293324.6/9

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

-6.985+/-0.000 χ^2/NDF : 6981025826172.5/7

-4.920+/-0.000 χ^2/NDF : 364571481293324.6/9

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2766046.3/7

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

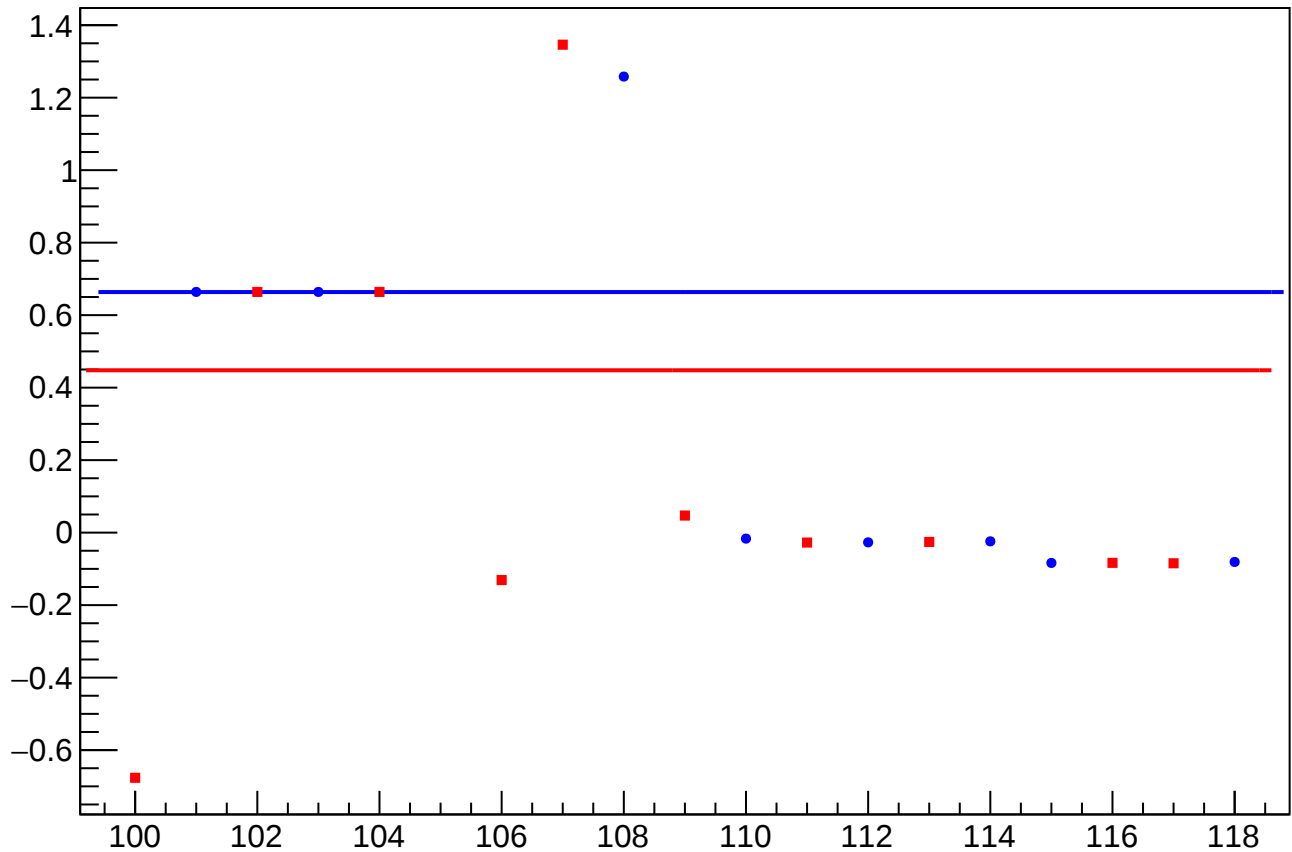
Right Out: 0.000+/-0.000 χ^2/NDF : 2938643.5/9

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

0.000+/-0.000 χ^2/NDF : 2766046.3/7

0.000+/-0.000 χ^2/NDF : 2938643.5/9

yield_cav4dY_mean vs Slug



Right In: 0.664 $\pm$ 0.000 χ^2 /NDF: 751890396011.4/7

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

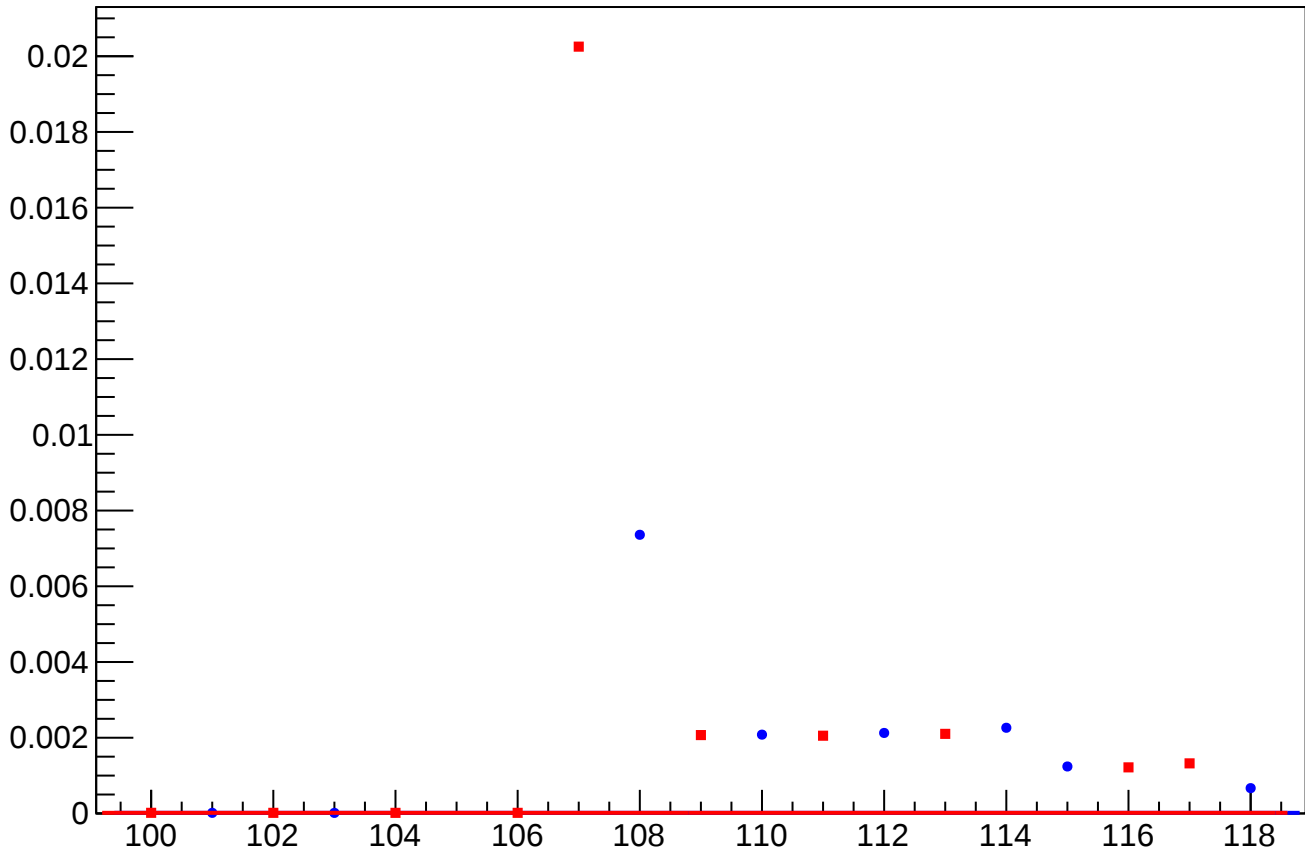
0.664 $\pm$ 0.000 χ^2 /NDF: 751890396011.4/7

Right Out: 0.448 $\pm$ 0.000 χ^2 /NDF: 402970011498152.1/9

0.448 $\pm$ 0.000 χ^2 /NDF: 402970011498152.1/9

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

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3543785.6/7

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

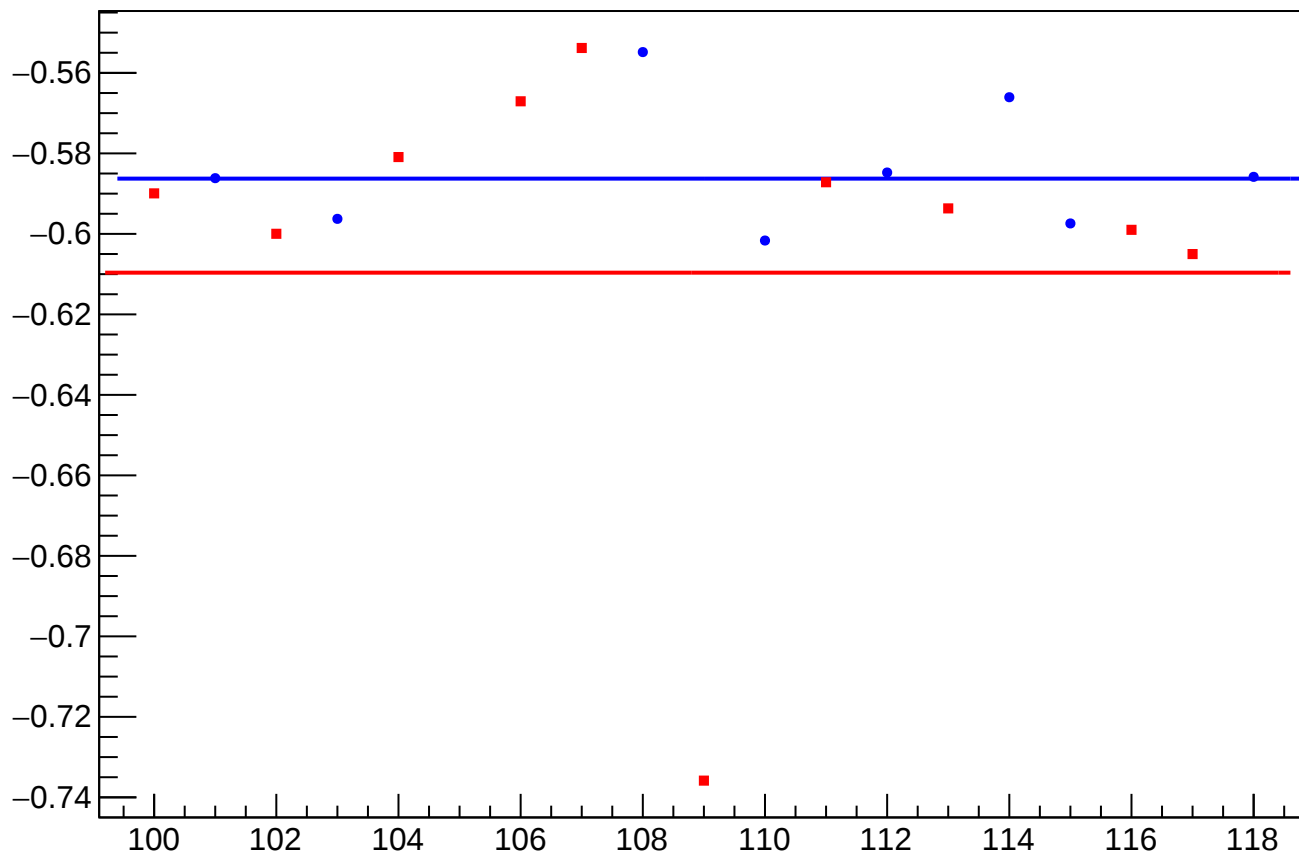
Right Out: 0.000+/-0.000 χ^2/NDF : 2921838.2/9

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

0.000+/-0.000 χ^2/NDF : 3543785.6/7

0.000+/-0.000 χ^2/NDF : 2921838.2/9

yield_bpm4aX_mean vs Slug



Right In: -0.586+/-0.000 χ^2/NDF : 481069.6/7

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

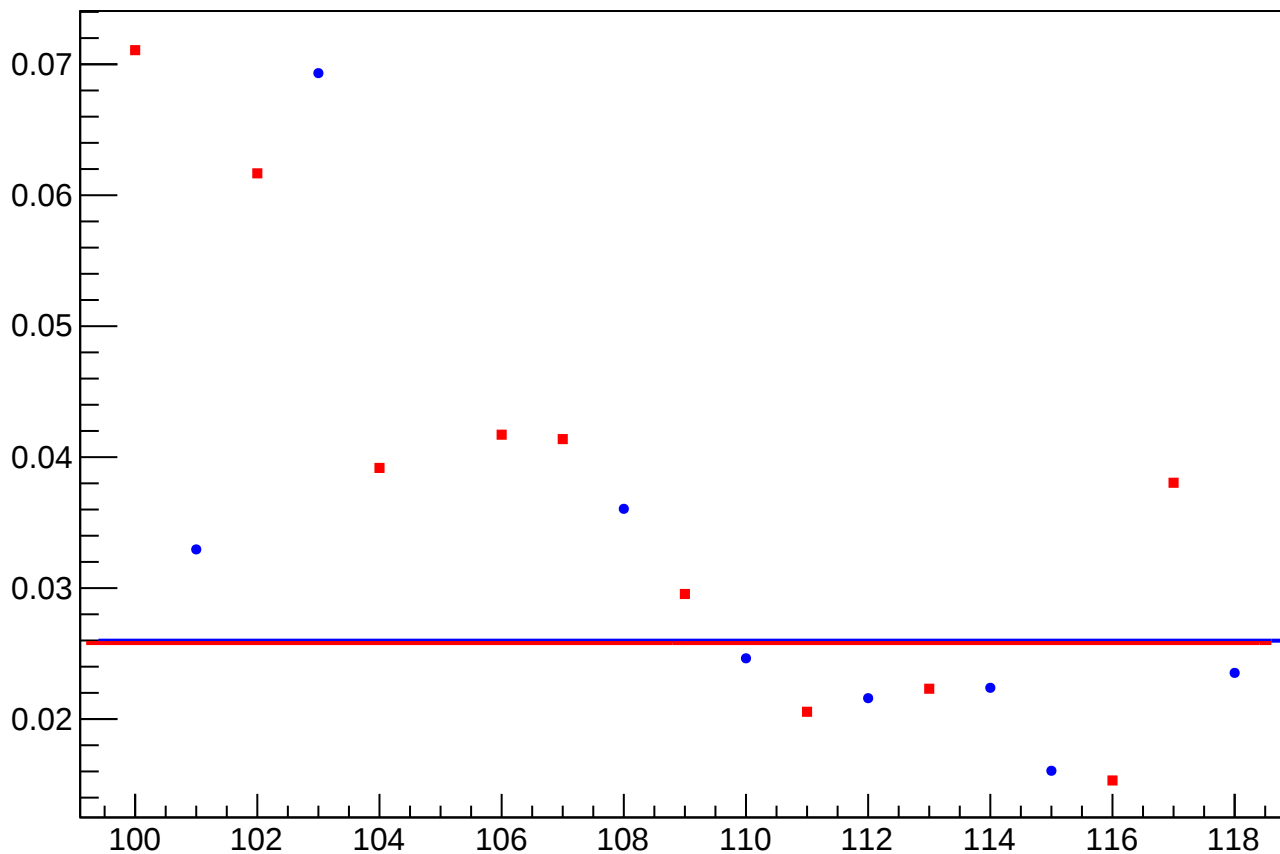
Right Out: -0.610+/-0.000 χ^2/NDF : 9712647.8/9

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

-0.586+/-0.000 χ^2/NDF : 481069.6/7

-0.610+/-0.000 χ^2/NDF : 9712647.8/9

yield_bpm4aX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 651006.9/7

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

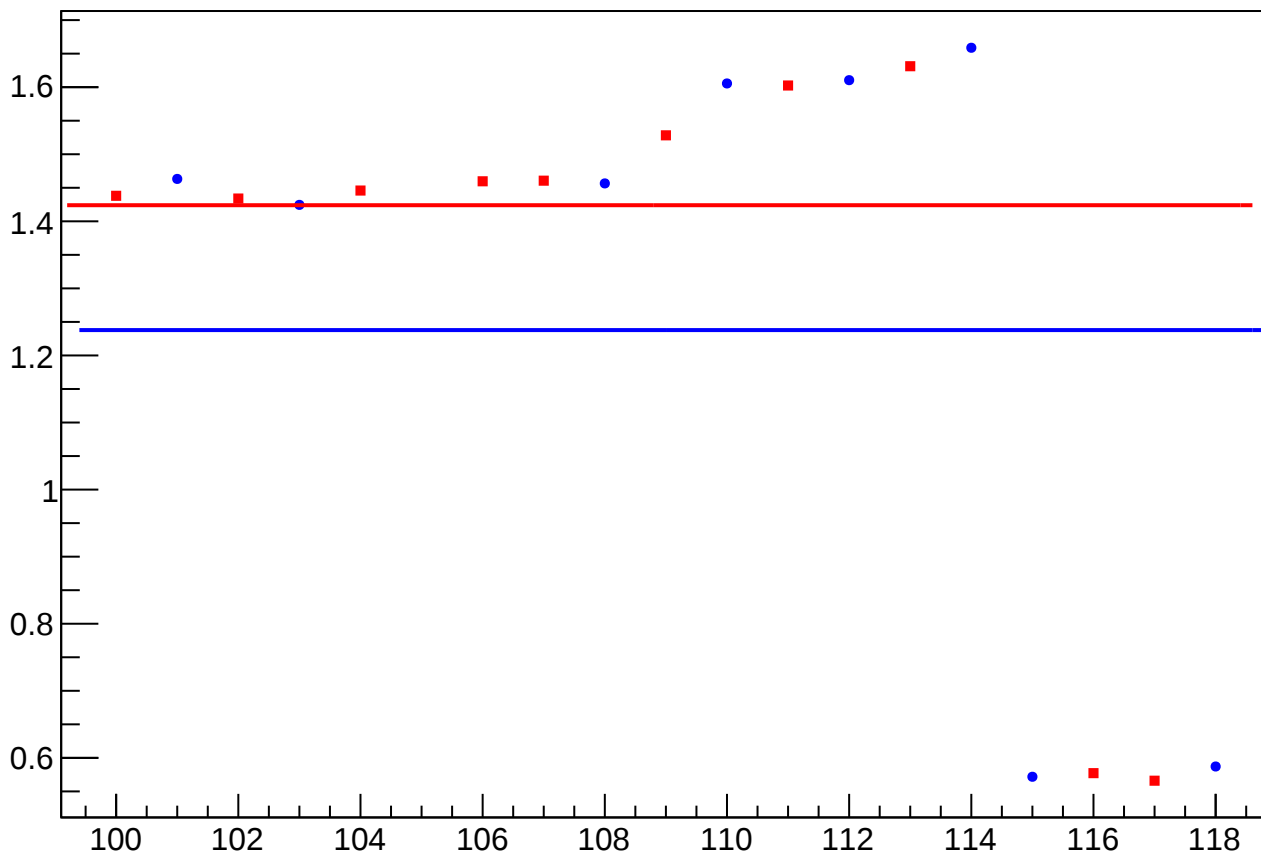
Right Out: 0.026+/-0.000 χ^2/NDF : 890678.6/9

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

0.026+/-0.000 χ^2/NDF : 651006.9/7

0.026+/-0.000 χ^2/NDF : 890678.6/9

yield_bpm4aY_mean vs Slug



Right In: 1.238+/-0.000 χ^2/NDF : 1226905091.3/7

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

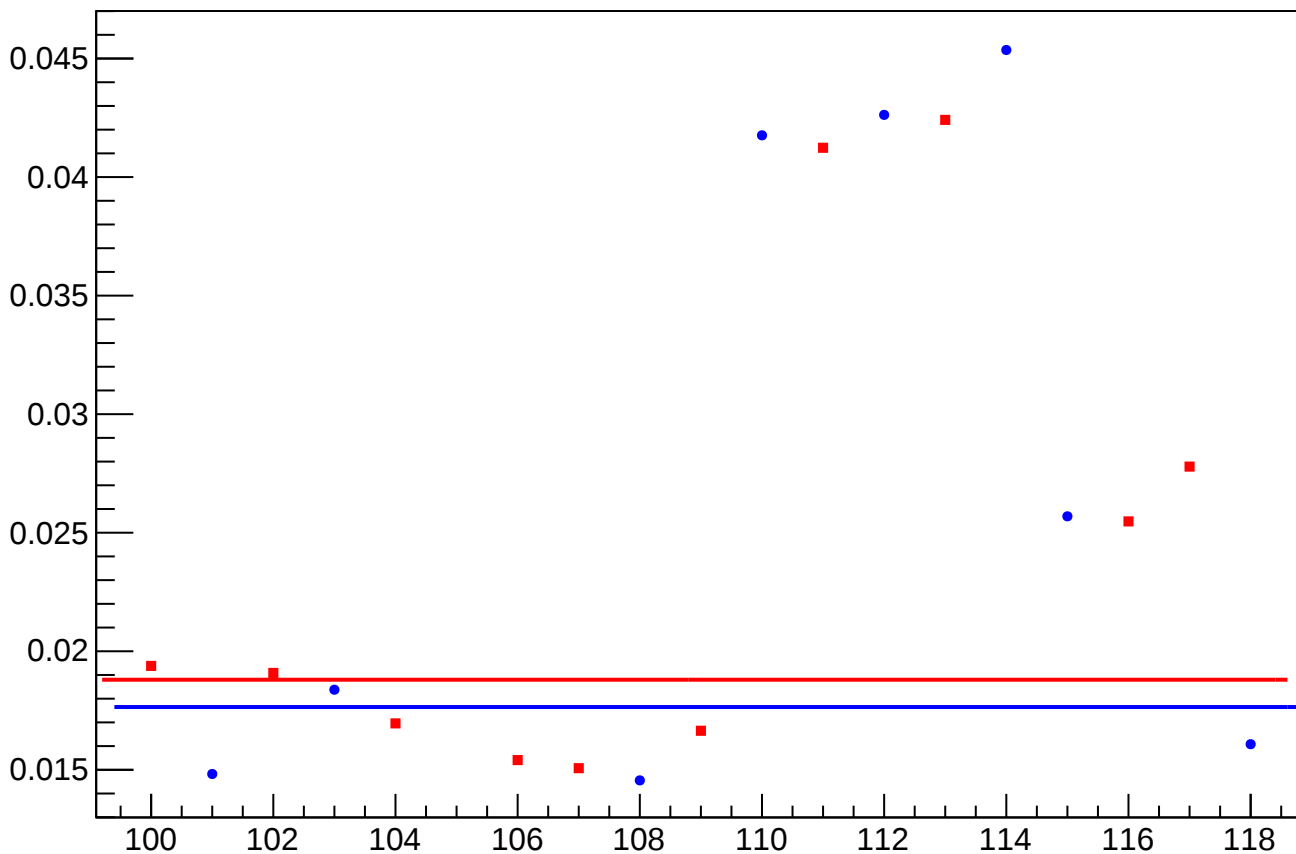
Right Out: 1.424+/-0.000 χ^2/NDF : 348008701.0/9

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

1.238+/-0.000 χ^2/NDF : 1226905091.3/7

1.424+/-0.000 χ^2/NDF : 348008701.0/9

yield_bpm4aY_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 706402.1/7

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

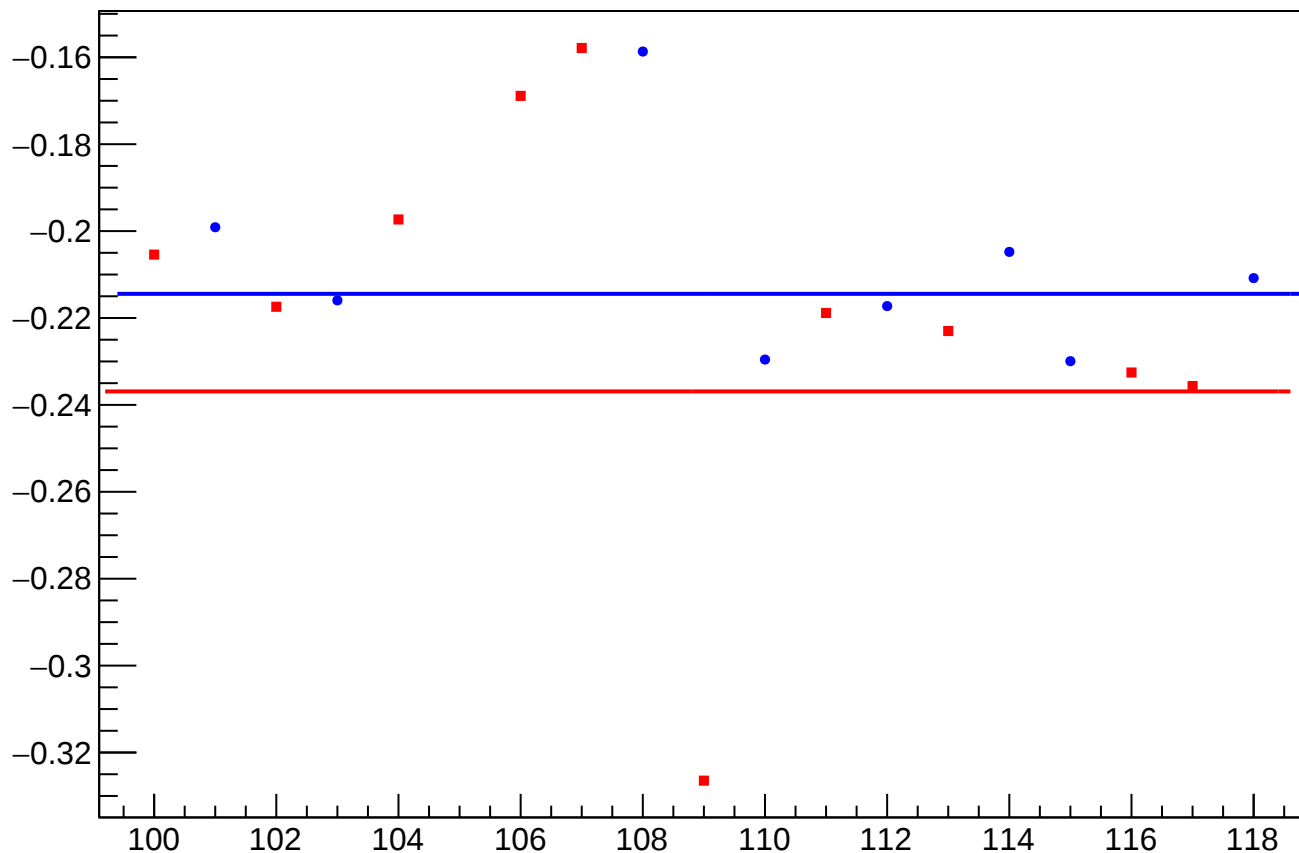
Right Out: 0.019+/-0.000 χ^2/NDF : 632745.1/9

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

0.018+/-0.000 χ^2/NDF : 706402.1/7

0.019+/-0.000 χ^2/NDF : 632745.1/9

yield_bpm4eX_mean vs Slug



Right In: -0.214+/-0.000 χ^2/NDF : 1217508.3/7

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

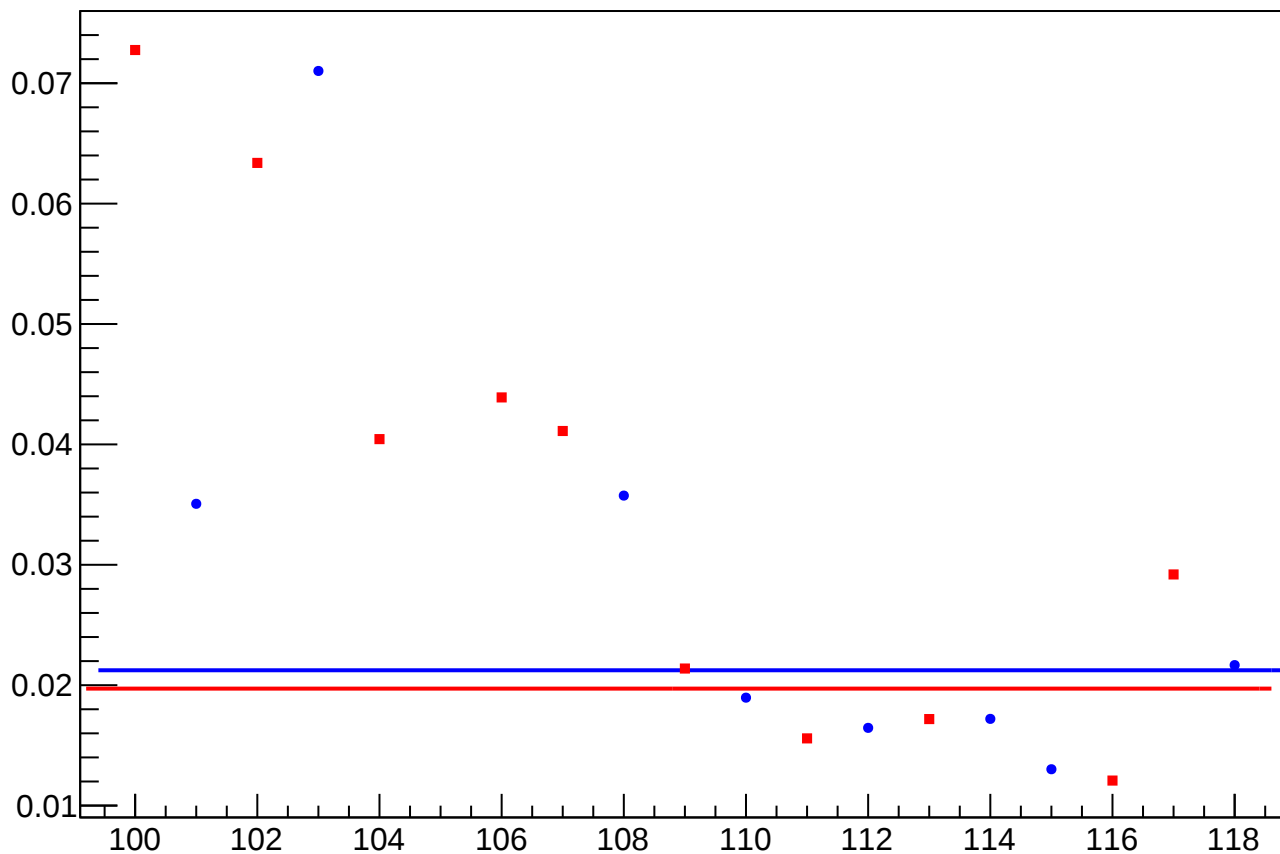
Right Out: -0.237+/-0.000 χ^2/NDF : 10347388.3/9

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

-0.214+/-0.000 χ^2/NDF : 1217508.3/7

-0.237+/-0.000 χ^2/NDF : 10347388.3/9

yield_bpm4eX_rms vs Slug



Right In: 0.021+/-0.000 χ^2/NDF : 971399.7/7

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

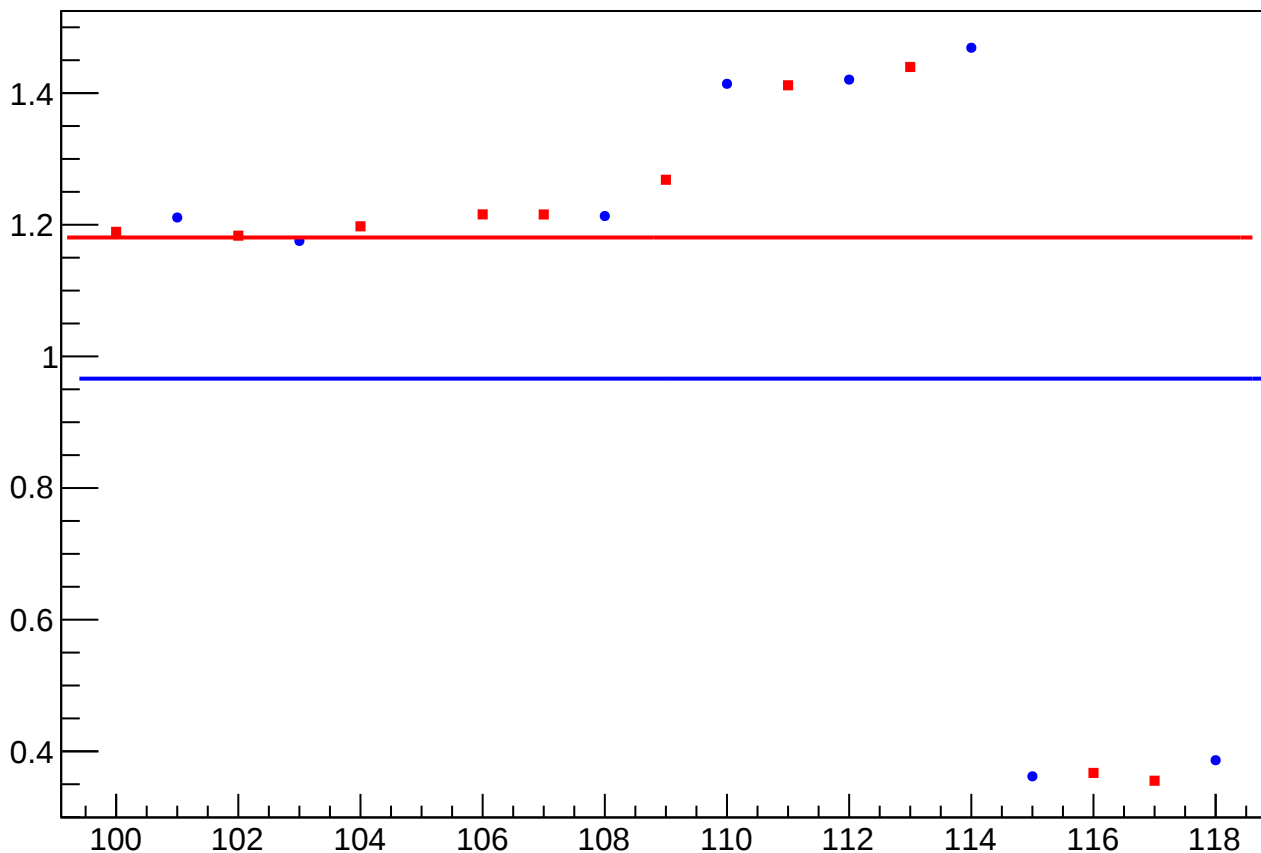
Right Out: 0.020+/-0.000 χ^2/NDF : 1272727.8/9

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

0.021+/-0.000 χ^2/NDF : 971399.7/7

0.020+/-0.000 χ^2/NDF : 1272727.8/9

yield_bpm4eY_mean vs Slug



Right In: 0.966+/-0.000 χ^2/NDF : 1890119129.4/7

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

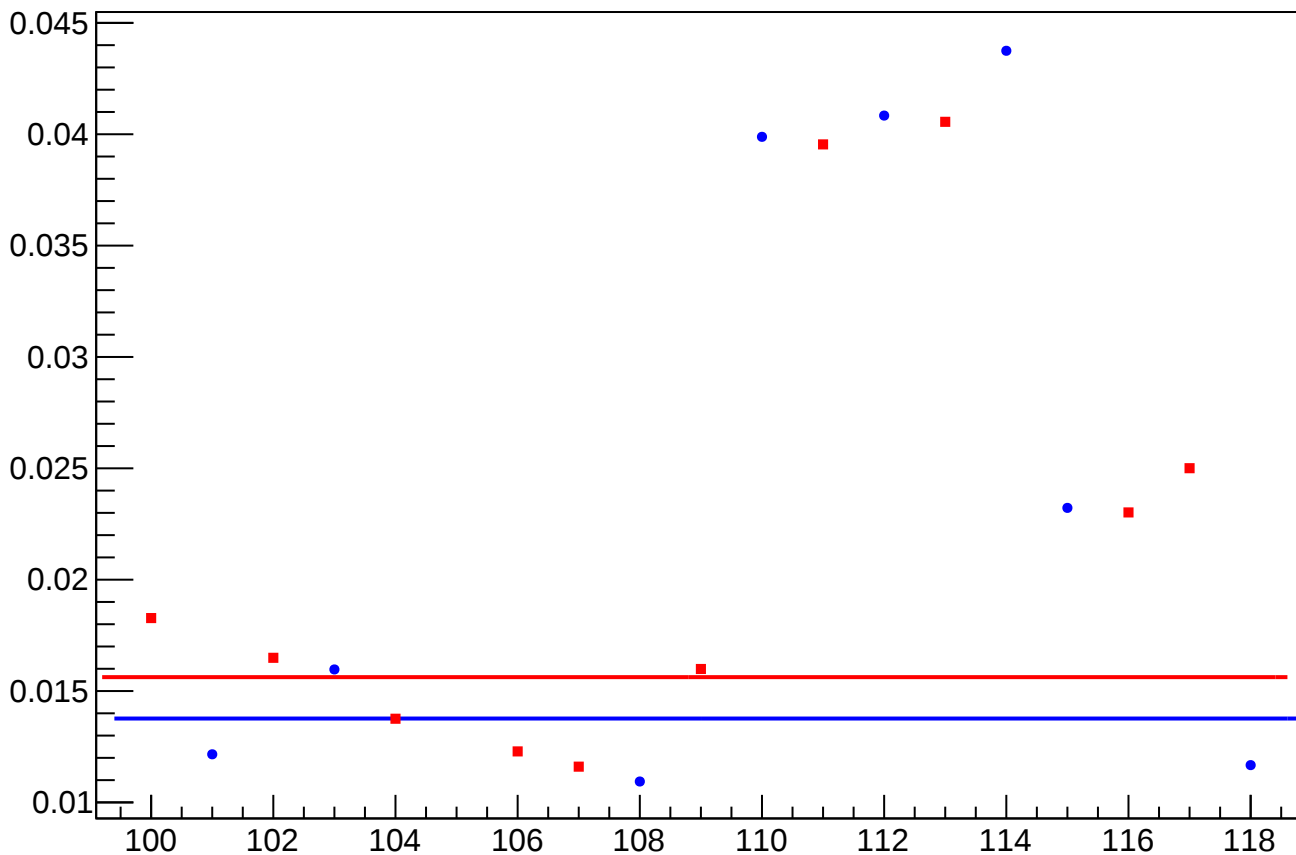
Right Out: 1.181+/-0.000 χ^2/NDF : 400665945.4/9

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

0.966+/-0.000 χ^2/NDF : 1890119129.4/7

1.181+/-0.000 χ^2/NDF : 400665945.4/9

yield_bpm4eY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 919809.0/7

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

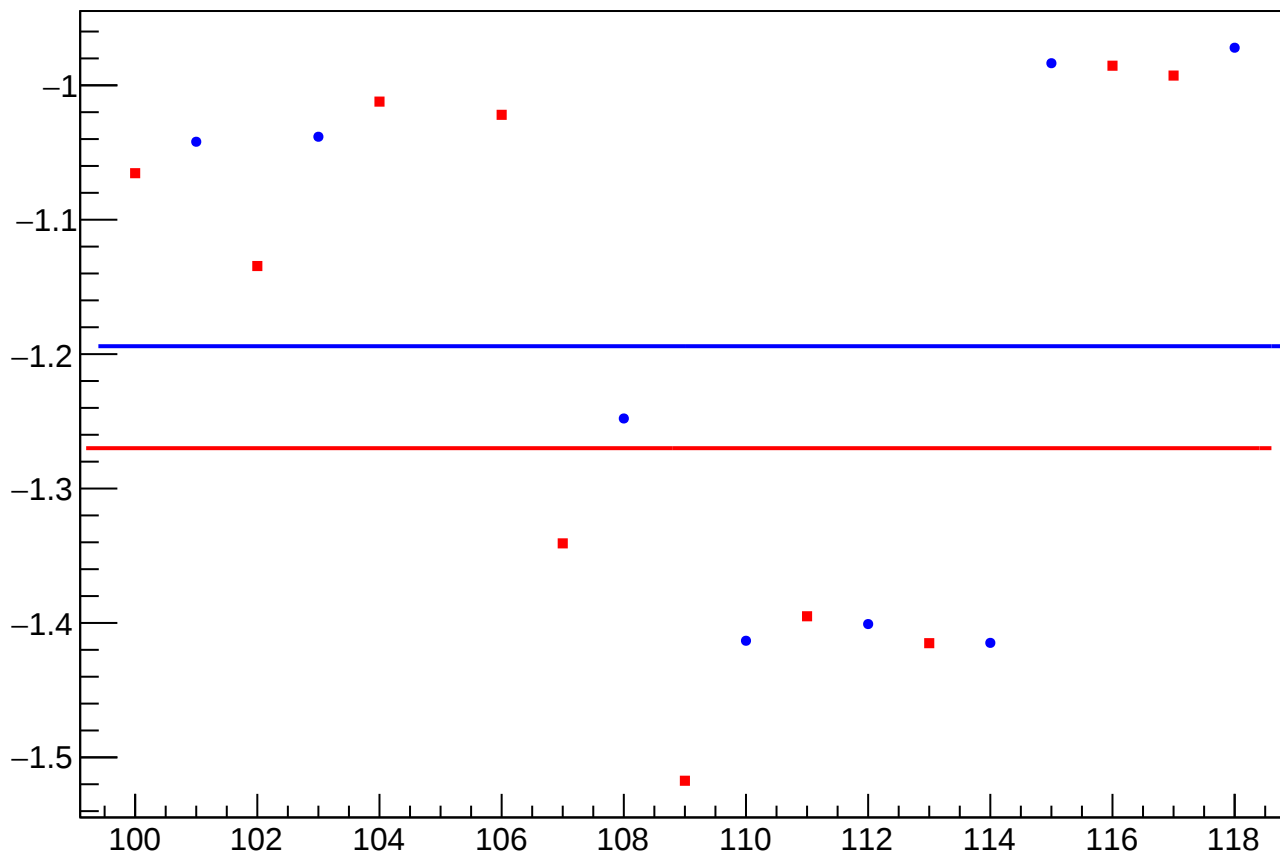
Right Out: 0.016+/-0.000 χ^2/NDF : 813156.4/9

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

0.014+/-0.000 χ^2/NDF : 919809.0/7

0.016+/-0.000 χ^2/NDF : 813156.4/9

yield_bpm4acX_mean vs Slug



Right In: -1.194+/-0.000 χ^2/NDF : 142164452.8/7

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

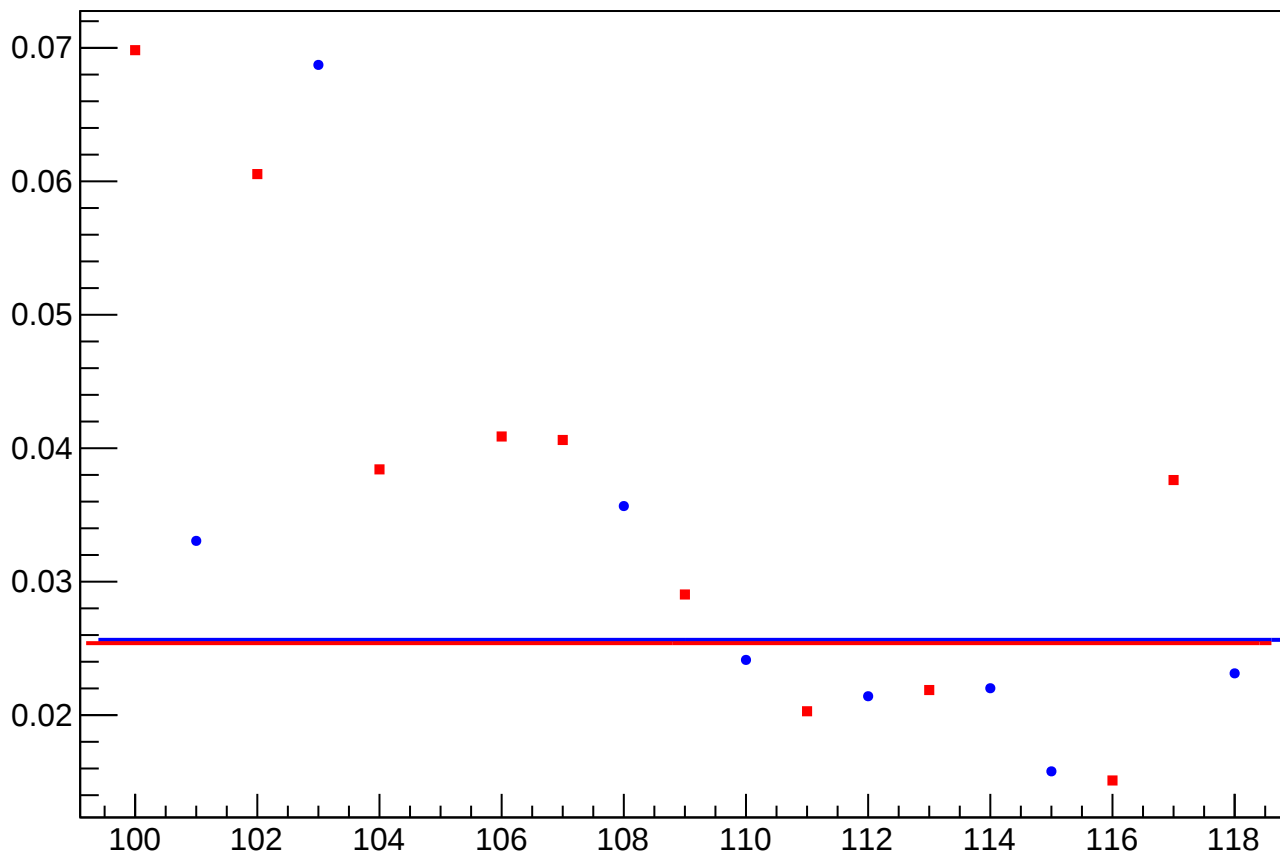
Right Out: -1.270+/-0.000 χ^2/NDF : 160337789.7/9

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

-1.194+/-0.000 χ^2/NDF : 142164452.8/7

-1.270+/-0.000 χ^2/NDF : 160337789.7/9

yield_bpm4acX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 658847.0/7

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

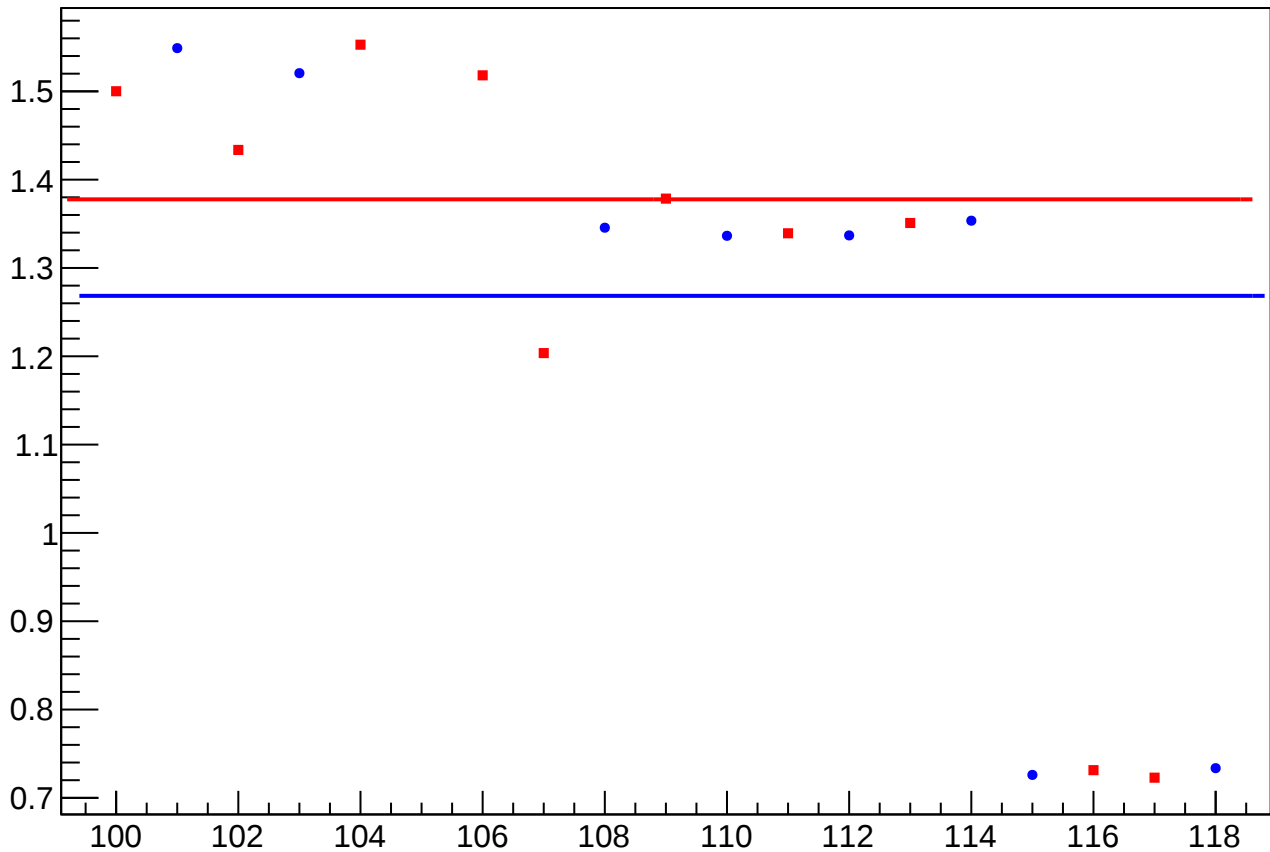
Right Out: 0.025+/-0.000 χ^2/NDF : 883927.7/9

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

0.026+/-0.000 χ^2/NDF : 658847.0/7

0.025+/-0.000 χ^2/NDF : 883927.7/9

yield_bpm4acY_mean vs Slug



Right In: 1.268+/-0.000 χ^2/NDF : 870636727.2/7

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

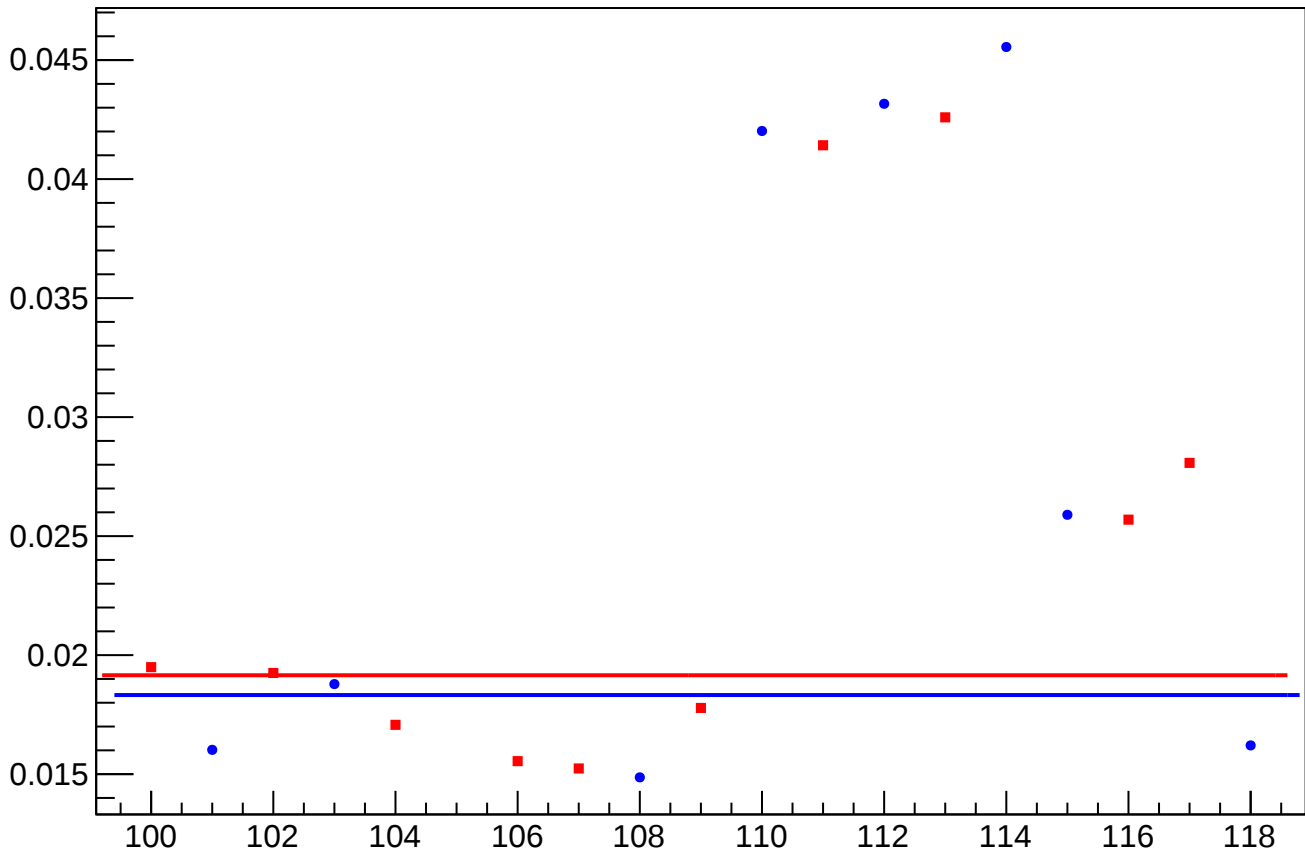
1.268+/-0.000 χ^2/NDF : 870636727.2/7

Right Out: 1.378+/-0.000 χ^2/NDF : 295828856.8/9

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

1.378+/-0.000 χ^2/NDF : 295828856.8/9

yield_bpm4acY_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 673976.6/7

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

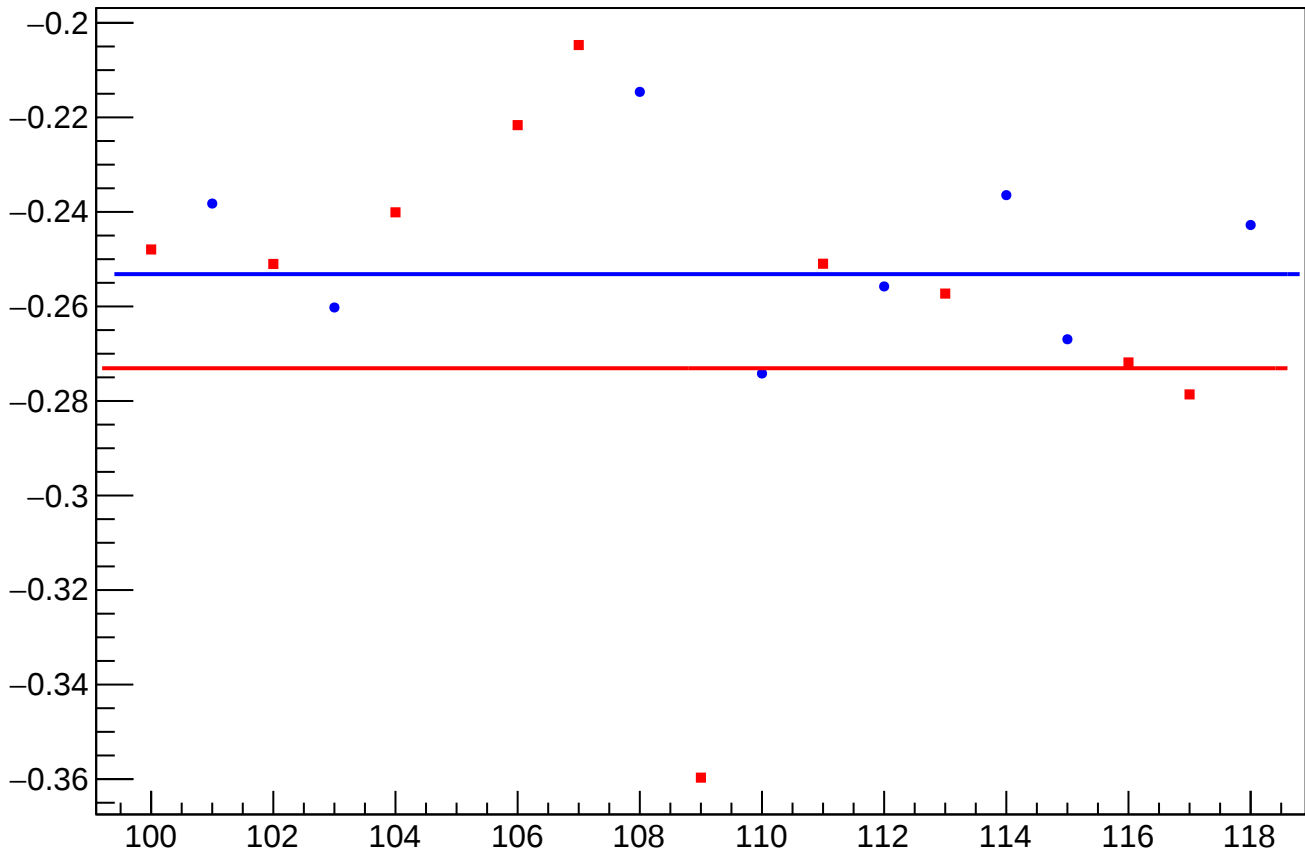
Right Out: 0.019+/-0.000 χ^2/NDF : 619158.8/9

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

0.018+/-0.000 χ^2/NDF : 673976.6/7

0.019+/-0.000 χ^2/NDF : 619158.8/9

yield_bpm4ecX_mean vs Slug



Right In: -0.253+/-0.000 χ^2/NDF : 1098039.7/7

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

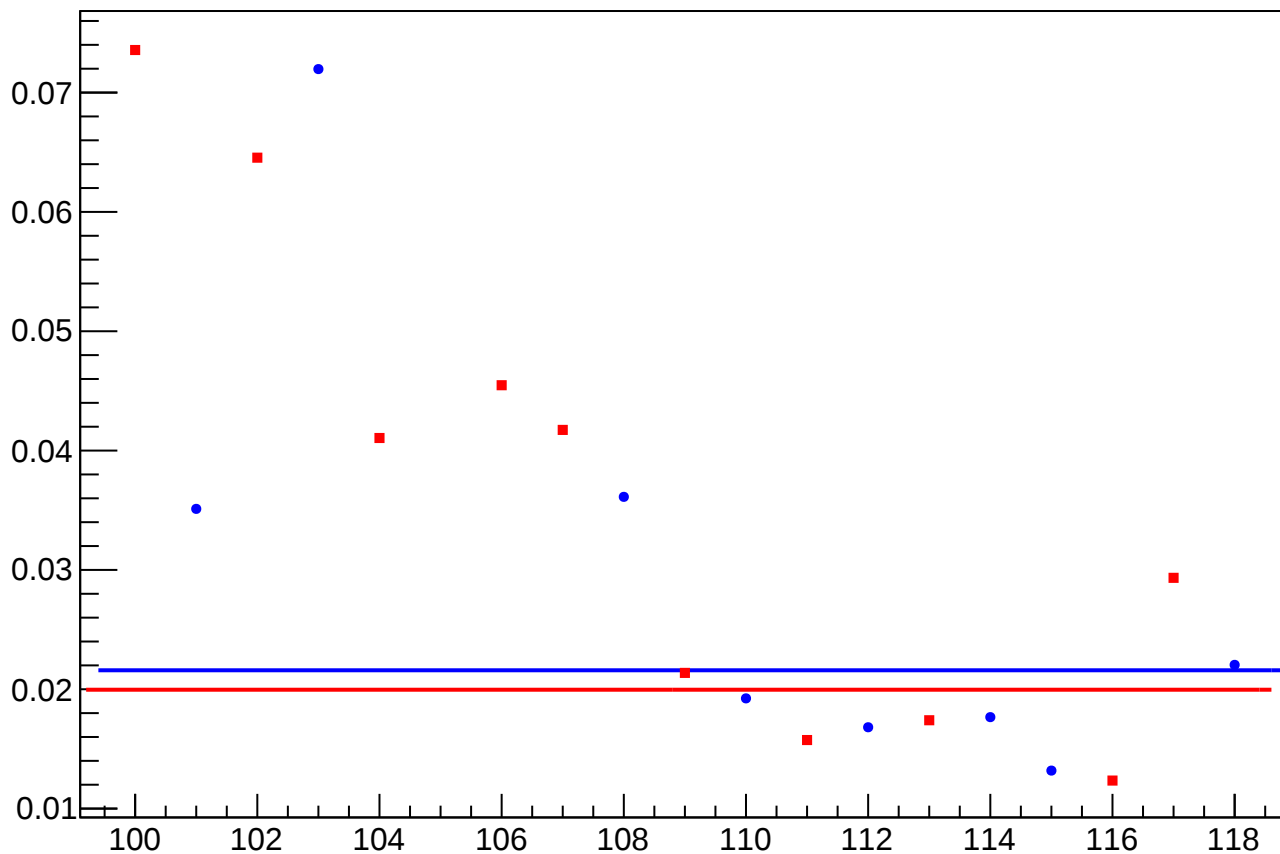
Right Out: -0.273+/-0.000 χ^2/NDF : 9439209.1/9

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

-0.253+/-0.000 χ^2/NDF : 1098039.7/7

-0.273+/-0.000 χ^2/NDF : 9439209.1/9

yield_bpm4ecX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 956709.1/7

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

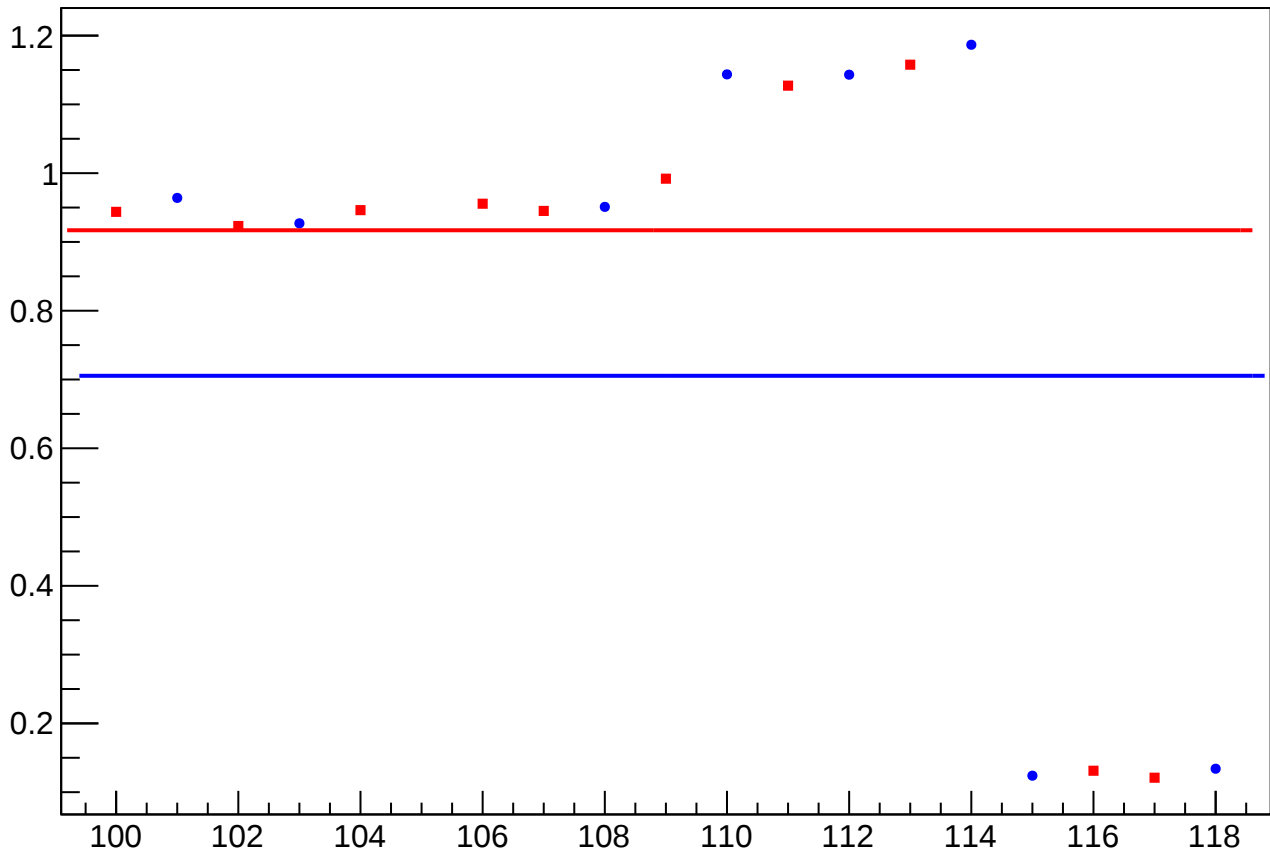
Right Out: 0.020+/-0.000 χ^2/NDF : 1278243.4/9

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

0.022+/-0.000 χ^2/NDF : 956709.1/7

0.020+/-0.000 χ^2/NDF : 1278243.4/9

yield_bpm4ecY_mean vs Slug



Right In: 0.705+/-0.000 χ^2/NDF : 1926663748.3/7

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

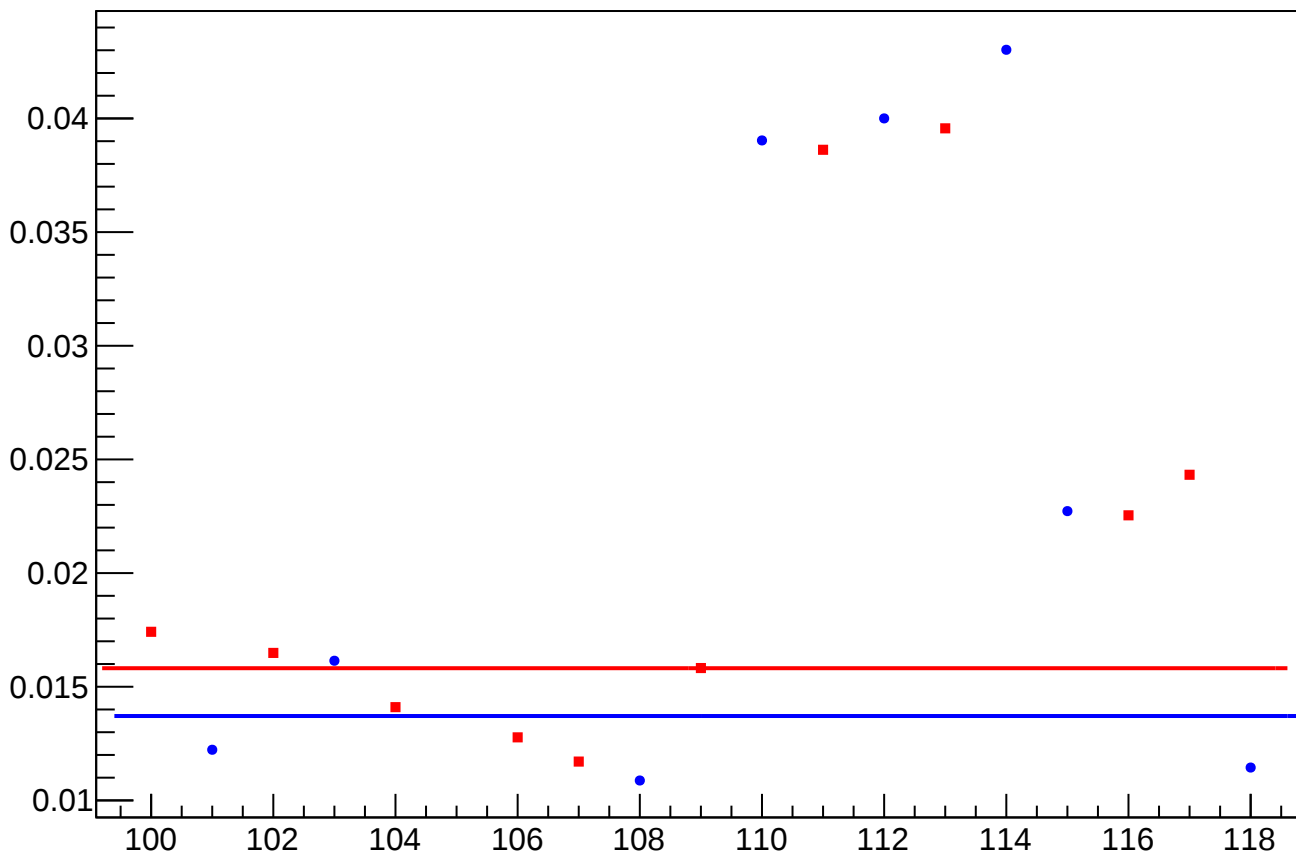
0.705+/-0.000 χ^2/NDF : 1926663748.3/7

Right Out: 0.917+/-0.000 χ^2/NDF : 386086799.5/9

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

0.917+/-0.000 χ^2/NDF : 386086799.5/9

yield_bpm4ecY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 914182.6/7

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

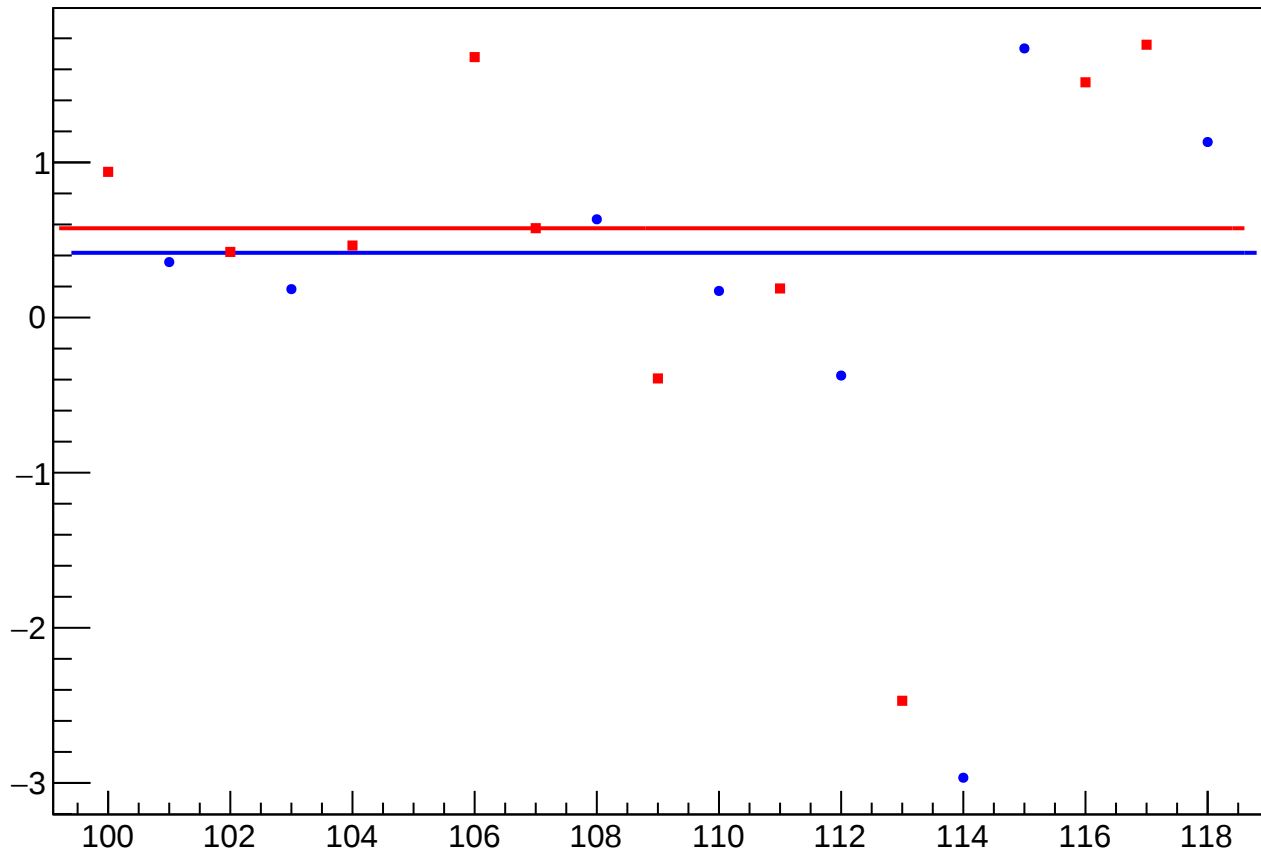
Right Out: 0.016+/-0.000 χ^2/NDF : 763805.1/9

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

0.014+/-0.000 χ^2/NDF : 914182.6/7

0.016+/-0.000 χ^2/NDF : 763805.1/9

yield_bpm1X_mean vs Slug



Right In: 0.417+/-0.000 χ^2/NDF : 179891900.2/7

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

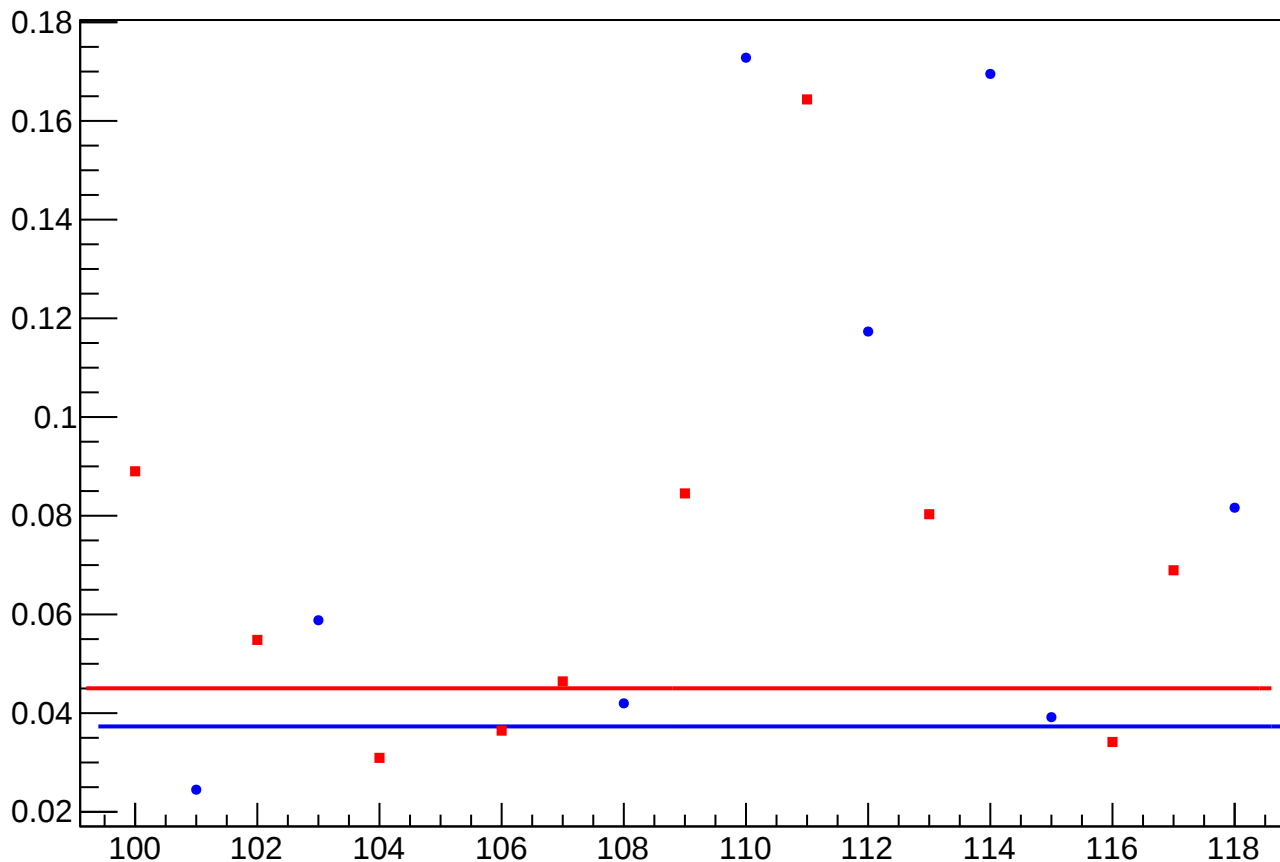
Right Out: 0.576+/-0.000 χ^2/NDF : 851854416.4/9

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

0.417+/-0.000 χ^2/NDF : 179891900.2/7

0.576+/-0.000 χ^2/NDF : 851854416.4/9

yield_bpm1X_rms vs Slug



Right In: 0.037+/-0.000 χ^2/NDF : 1489723.6/7

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

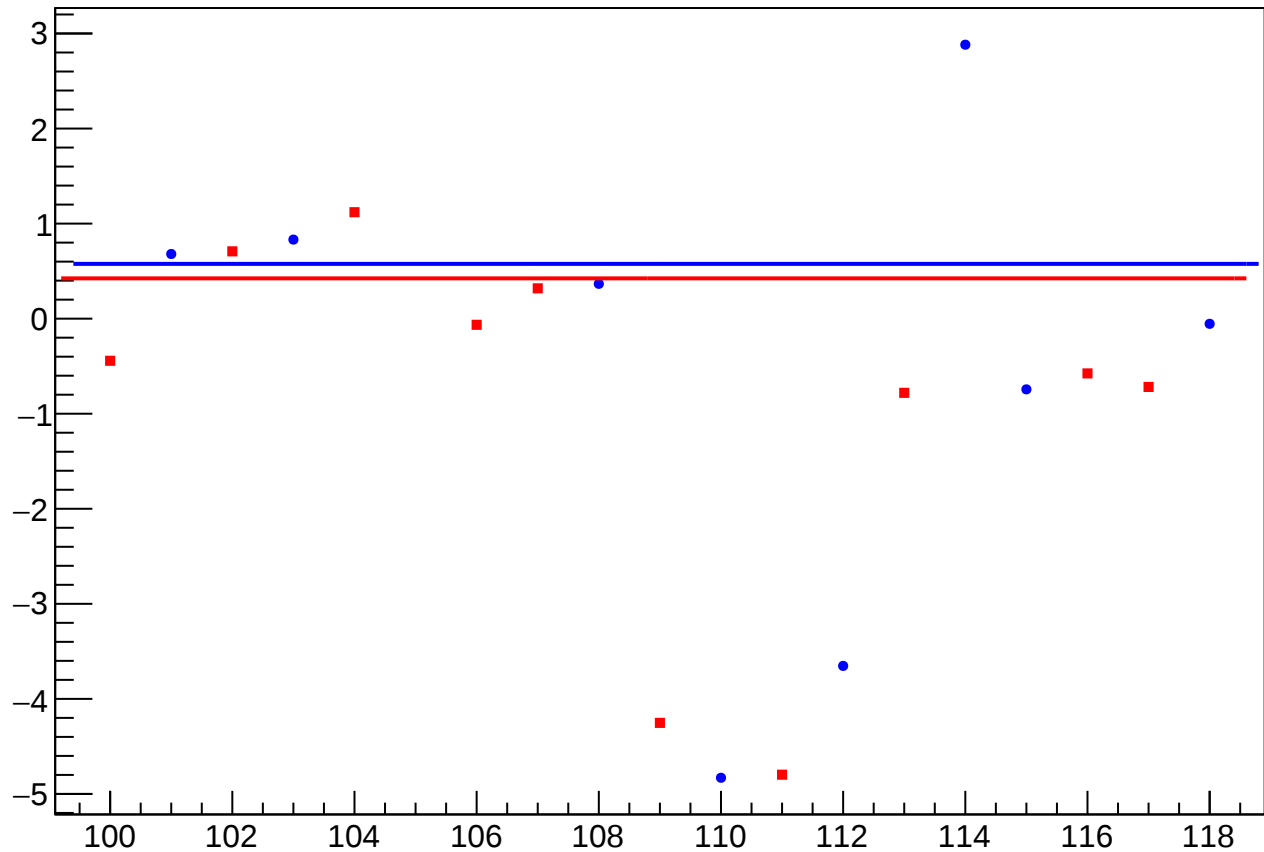
Right Out: 0.045+/-0.000 χ^2/NDF : 1009895.5/9

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

0.037+/-0.000 χ^2/NDF : 1489723.6/7

0.045+/-0.000 χ^2/NDF : 1009895.5/9

yield_bpm1Y_mean vs Slug



Right In: 0.576+/-0.000 χ^2/NDF : 1596590887.0/7

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

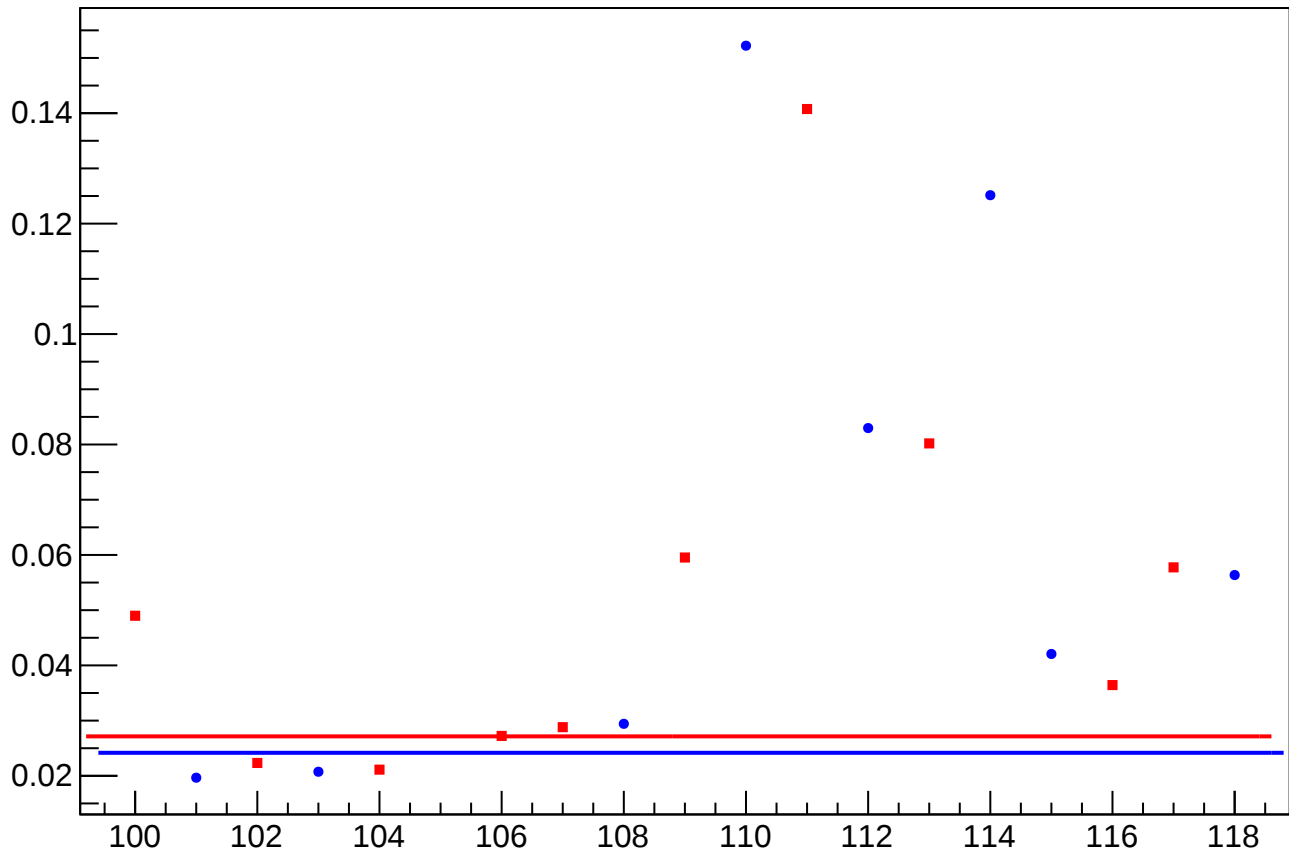
Right Out: 0.424+/-0.000 χ^2/NDF : 3618282792.7/9

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

0.576+/-0.000 χ^2/NDF : 1596590887.0/7

0.424+/-0.000 χ^2/NDF : 3618282792.7/9

yield_bpm1Y_rms vs Slug



Right In: 0.024+/-0.000 χ^2/NDF : 1252354.0/7

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

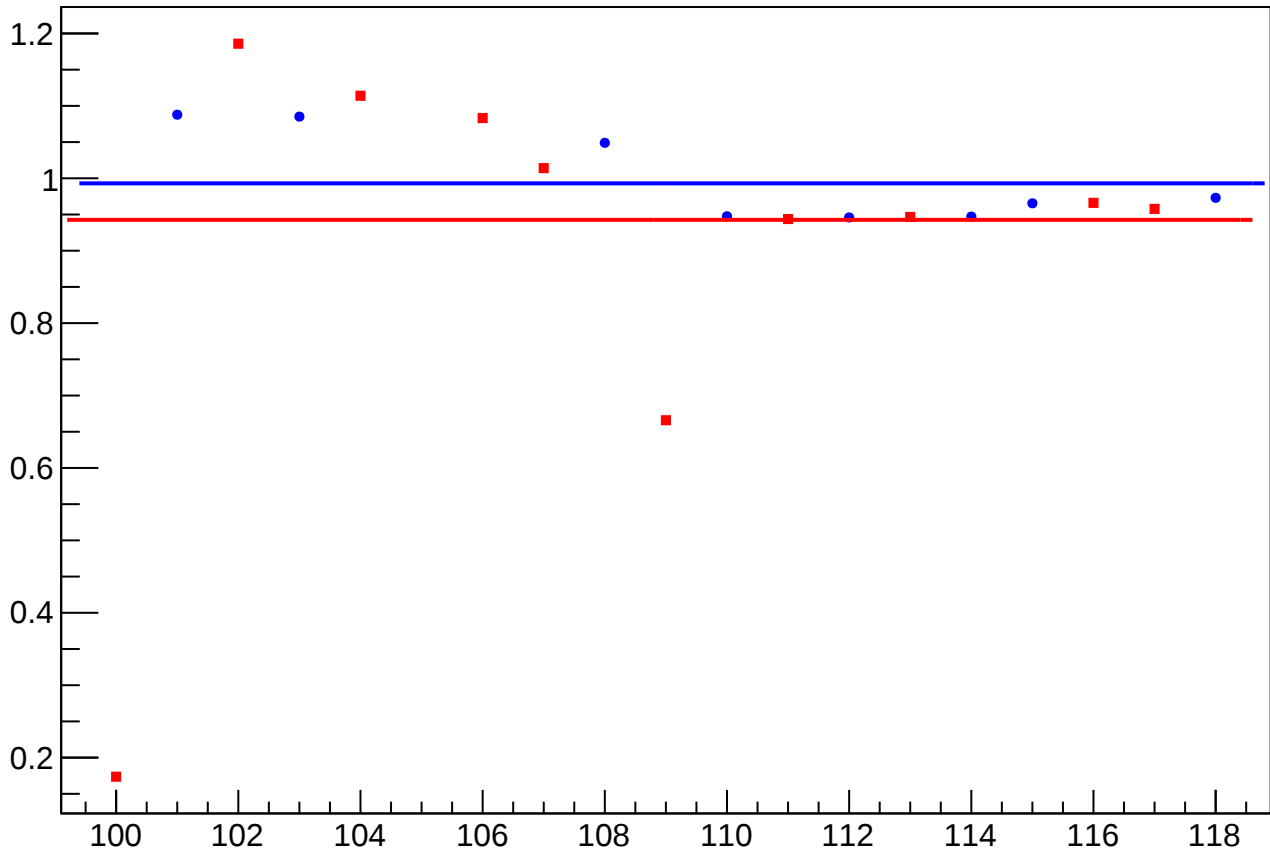
Right Out: 0.027+/-0.000 χ^2/NDF : 1247925.6/9

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

0.024+/-0.000 χ^2/NDF : 1252354.0/7

0.027+/-0.000 χ^2/NDF : 1247925.6/9

yield_bpm11X_mean vs Slug



Right In: 0.993+/-0.000 χ^2/NDF : 39750476.1/7

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

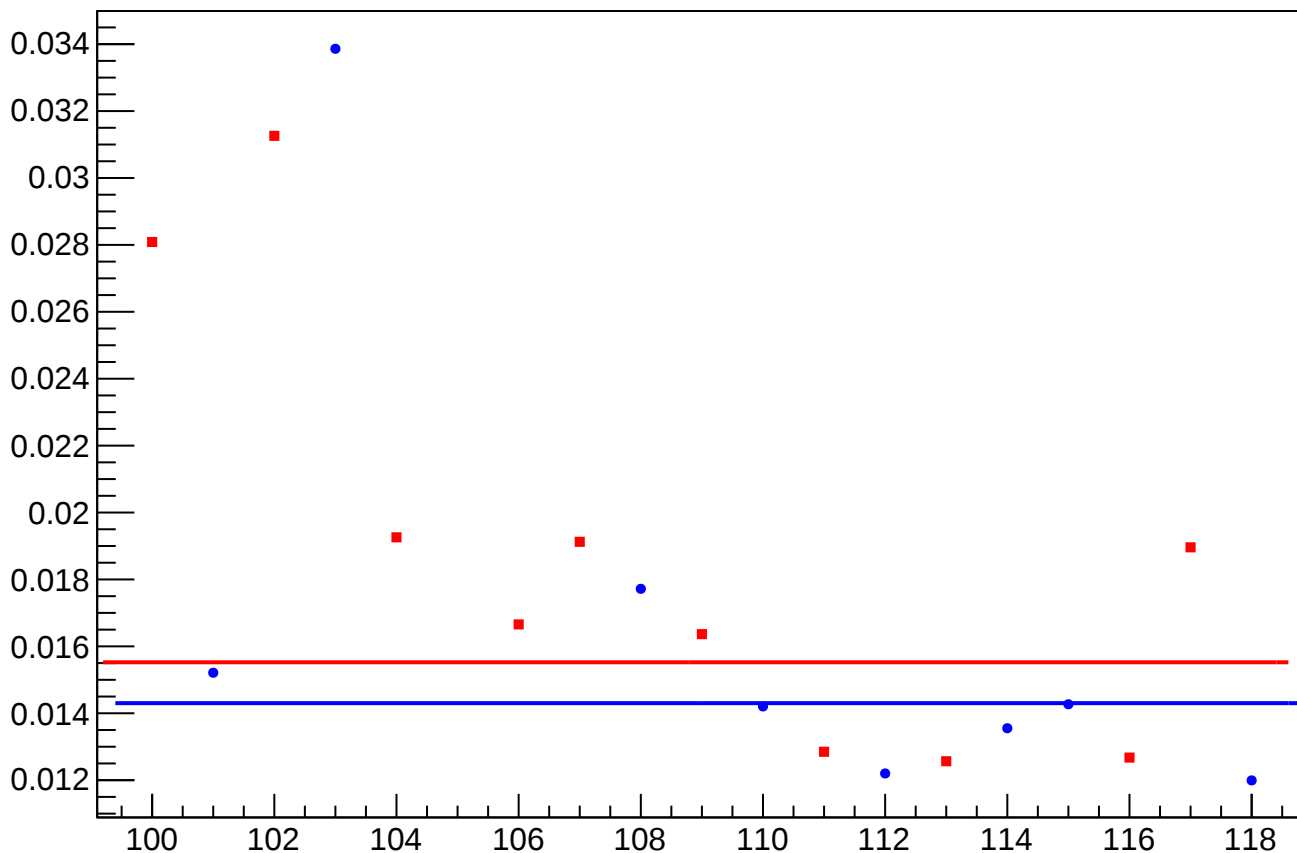
0.993+/-0.000 χ^2/NDF : 39750476.1/7

Right Out: 0.943+/-0.000 χ^2/NDF : 256588608.9/9

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

0.943+/-0.000 χ^2/NDF : 256588608.9/9

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 436329.5/7

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

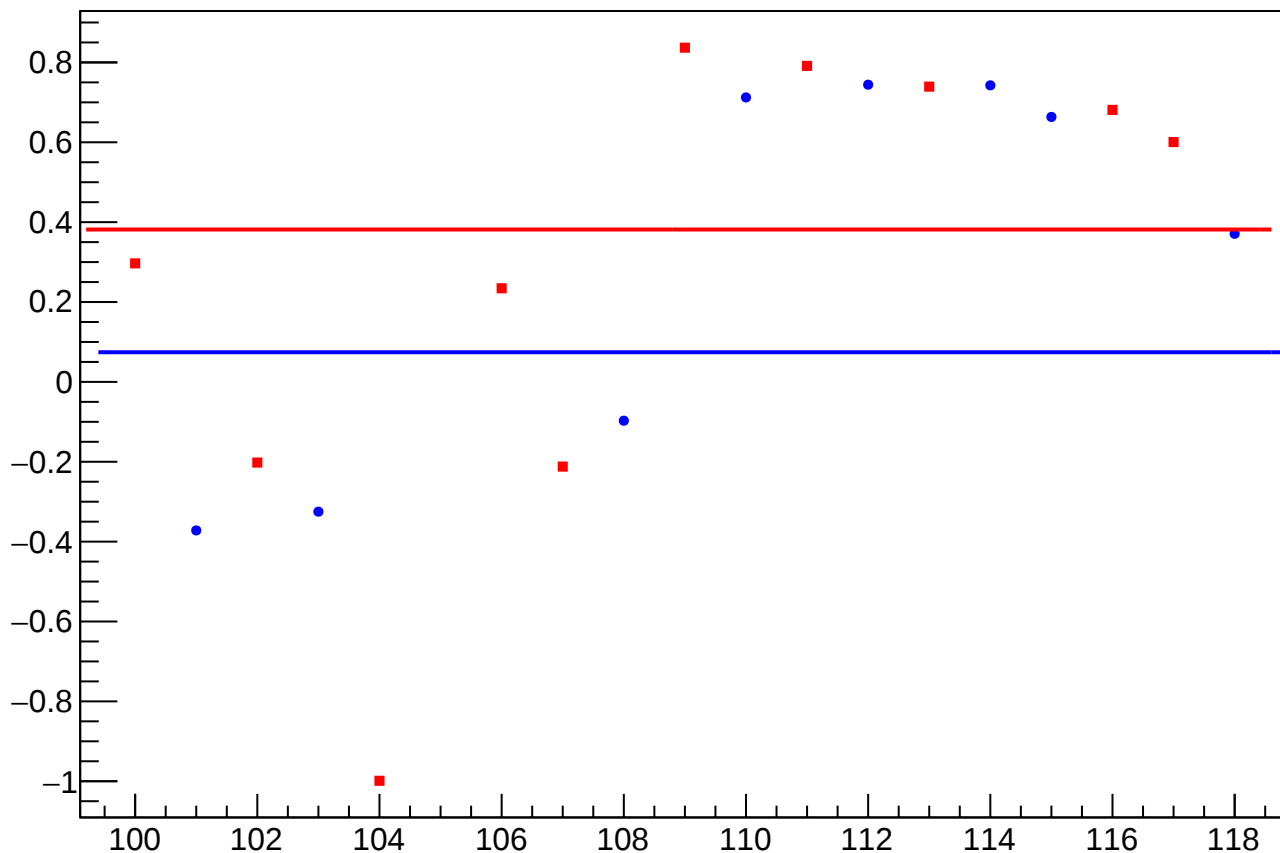
Right Out: 0.016+/-0.000 χ^2/NDF : 430364.9/9

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

0.014+/-0.000 χ^2/NDF : 436329.5/7

0.016+/-0.000 χ^2/NDF : 430364.9/9

yield_bpm11Y_mean vs Slug



Right In: 0.074+/-0.000 χ^2/NDF : 1731606388.0/7

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

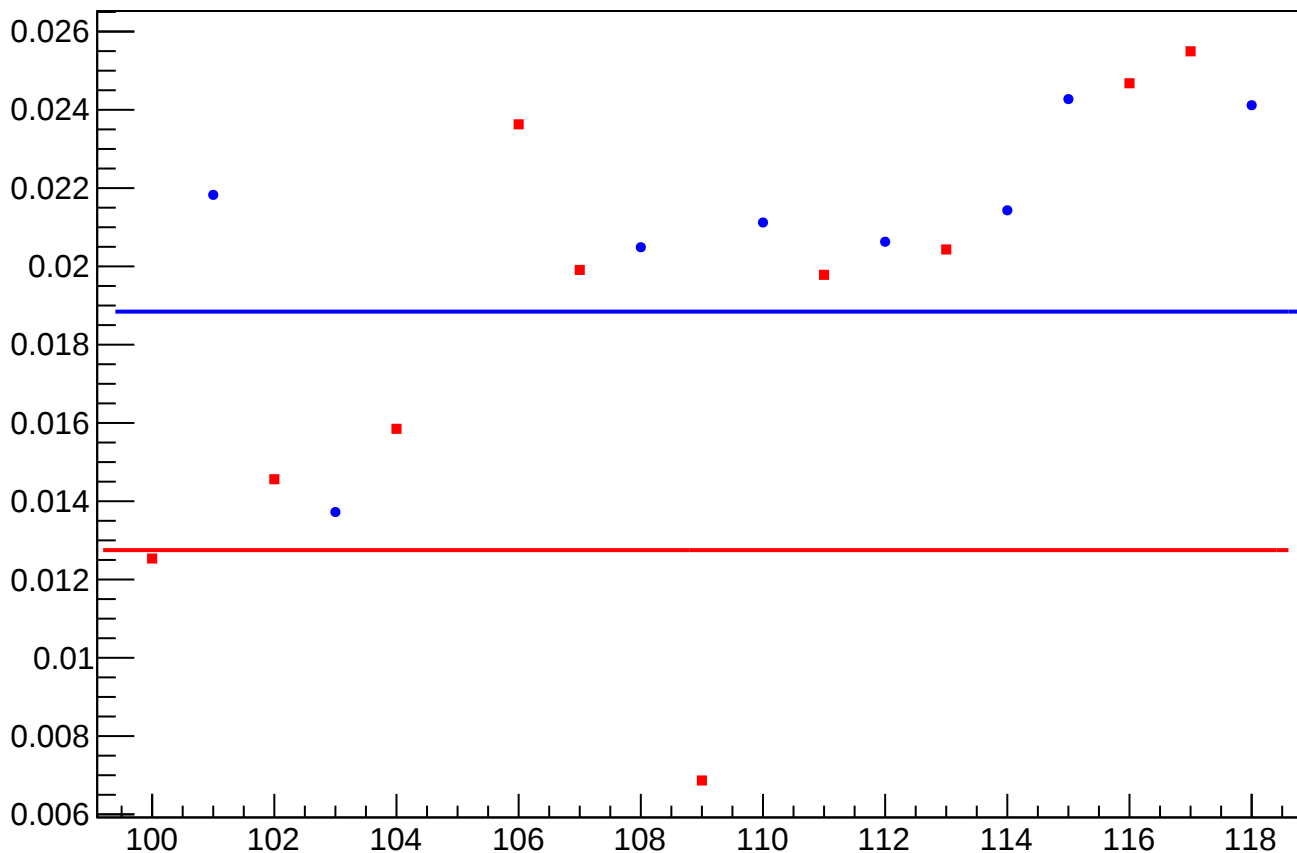
Right Out: 0.382+/-0.000 χ^2/NDF : 5901827254.3/9

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

0.074+/-0.000 χ^2/NDF : 1731606388.0/7

0.382+/-0.000 χ^2/NDF : 5901827254.3/9

yield_bpm11Y_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 248441.1/7

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

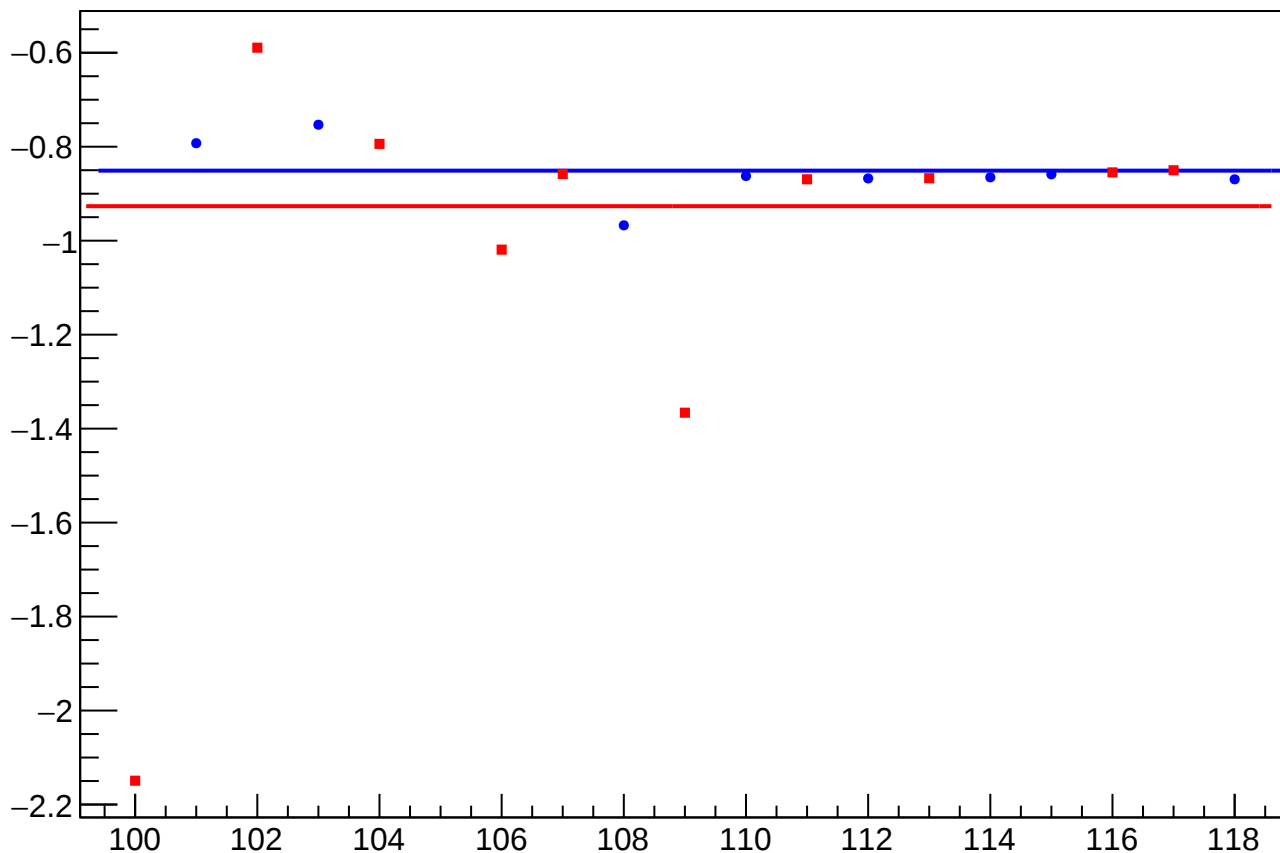
Right Out: 0.013+/-0.000 χ^2/NDF : 1057291.1/9

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

0.019+/-0.000 χ^2/NDF : 248441.1/7

0.013+/-0.000 χ^2/NDF : 1057291.1/9

yield_bpm12X_mean vs Slug



Right In: -0.851+/-0.000 χ^2/NDF : 6123013.4/7

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

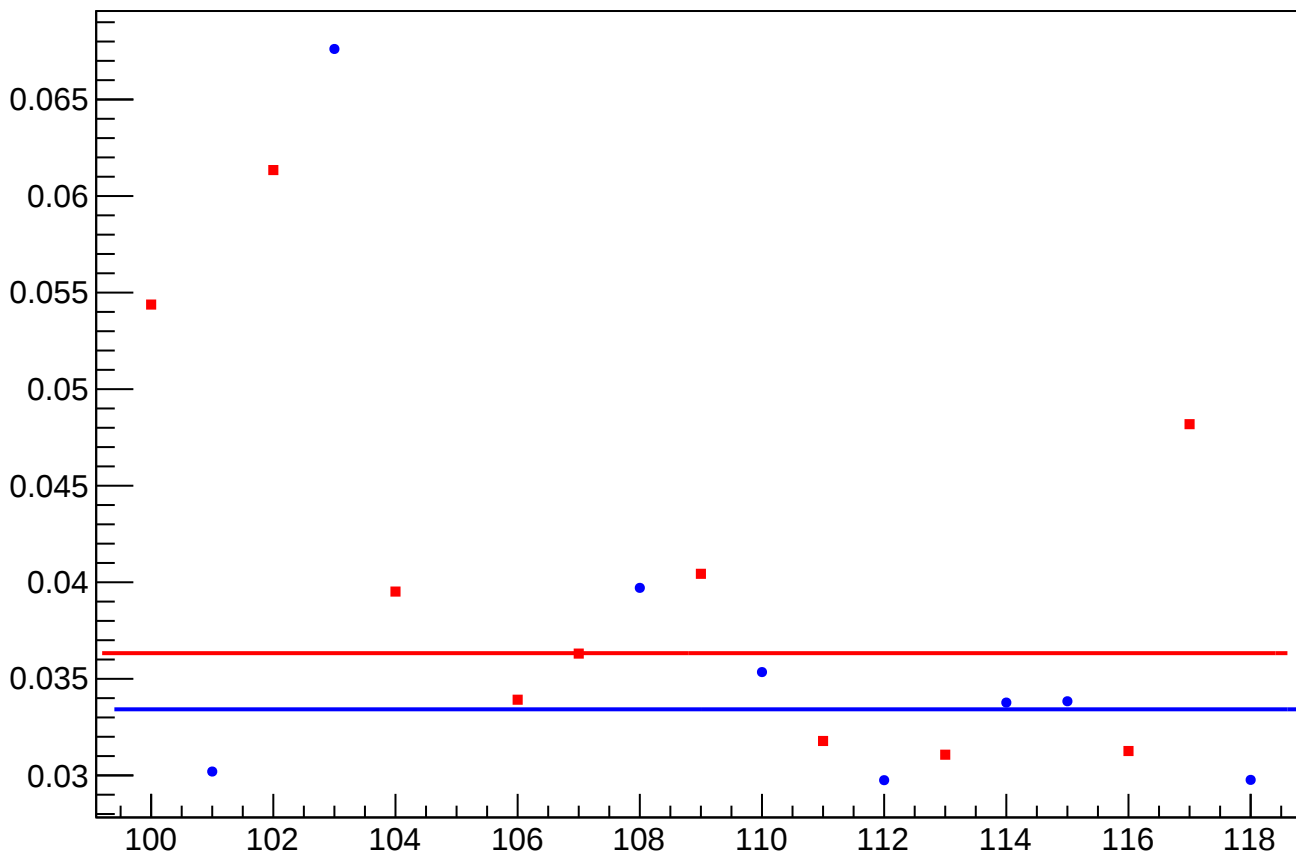
Right Out: -0.927+/-0.000 χ^2/NDF : 107012766.2/9

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

-0.851+/-0.000 χ^2/NDF : 6123013.4/7

-0.927+/-0.000 χ^2/NDF : 107012766.2/9

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 318487.5/7

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

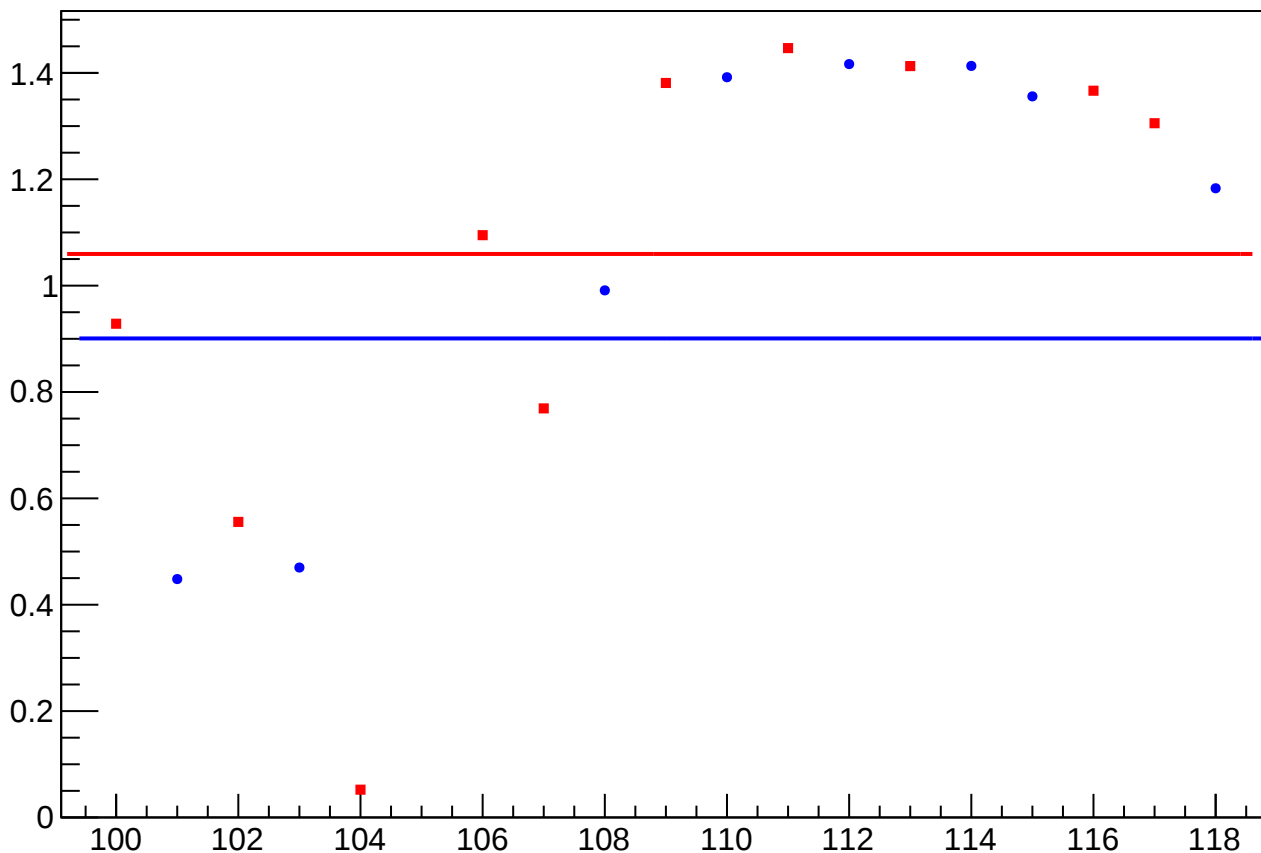
Right Out: 0.036+/-0.000 χ^2/NDF : 244870.1/9

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

0.033+/-0.000 χ^2/NDF : 318487.5/7

0.036+/-0.000 χ^2/NDF : 244870.1/9

yield_bpm12Y_mean vs Slug



Right In: 0.901 $\pm$ 0.000 χ^2 /NDF: 2887443270.4/7

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

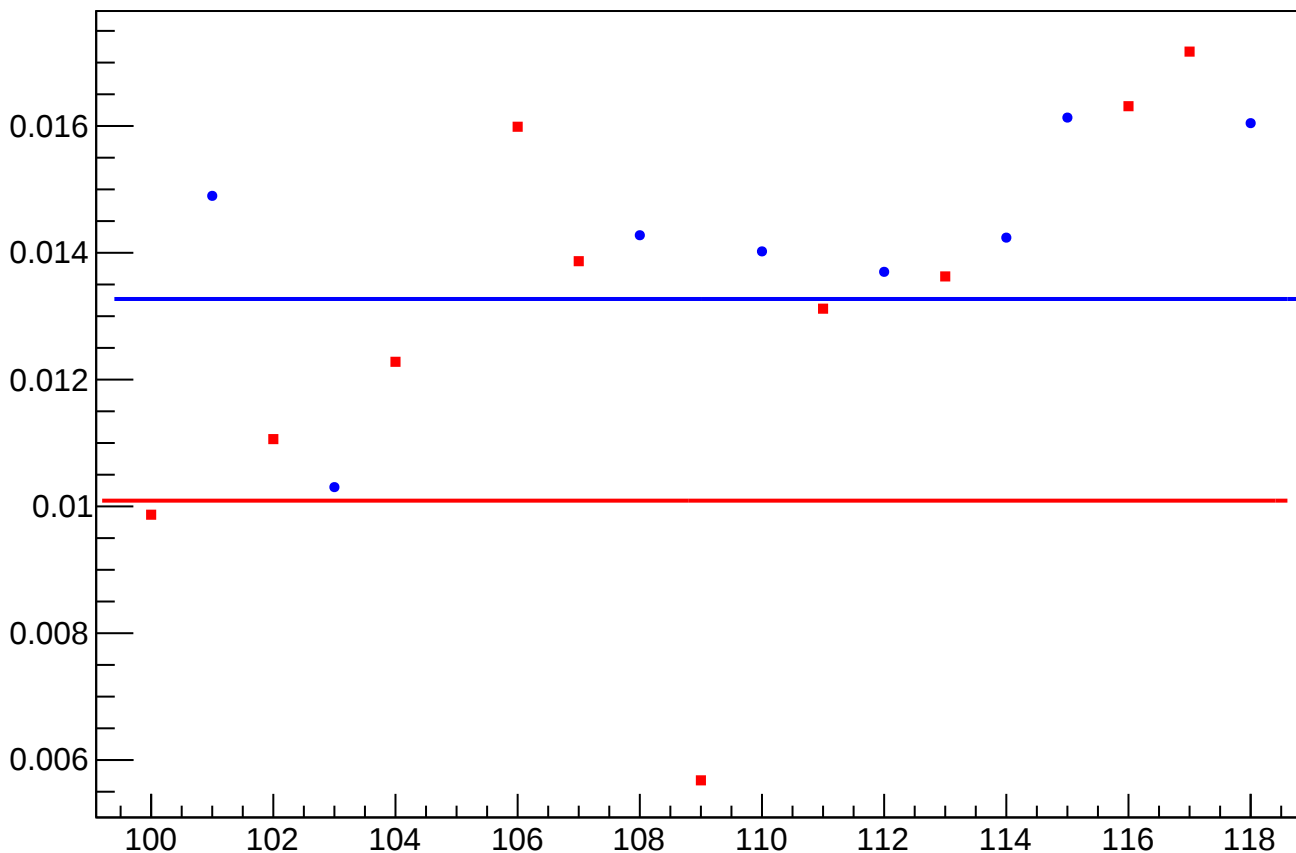
Right Out: 1.060 $\pm$ 0.000 χ^2 /NDF: 5814619206.1/9

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

0.901 $\pm$ 0.000 χ^2 /NDF: 2887443270.4/7

1.060 $\pm$ 0.000 χ^2 /NDF: 5814619206.1/9

yield_bpm12Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 144606.5/7

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

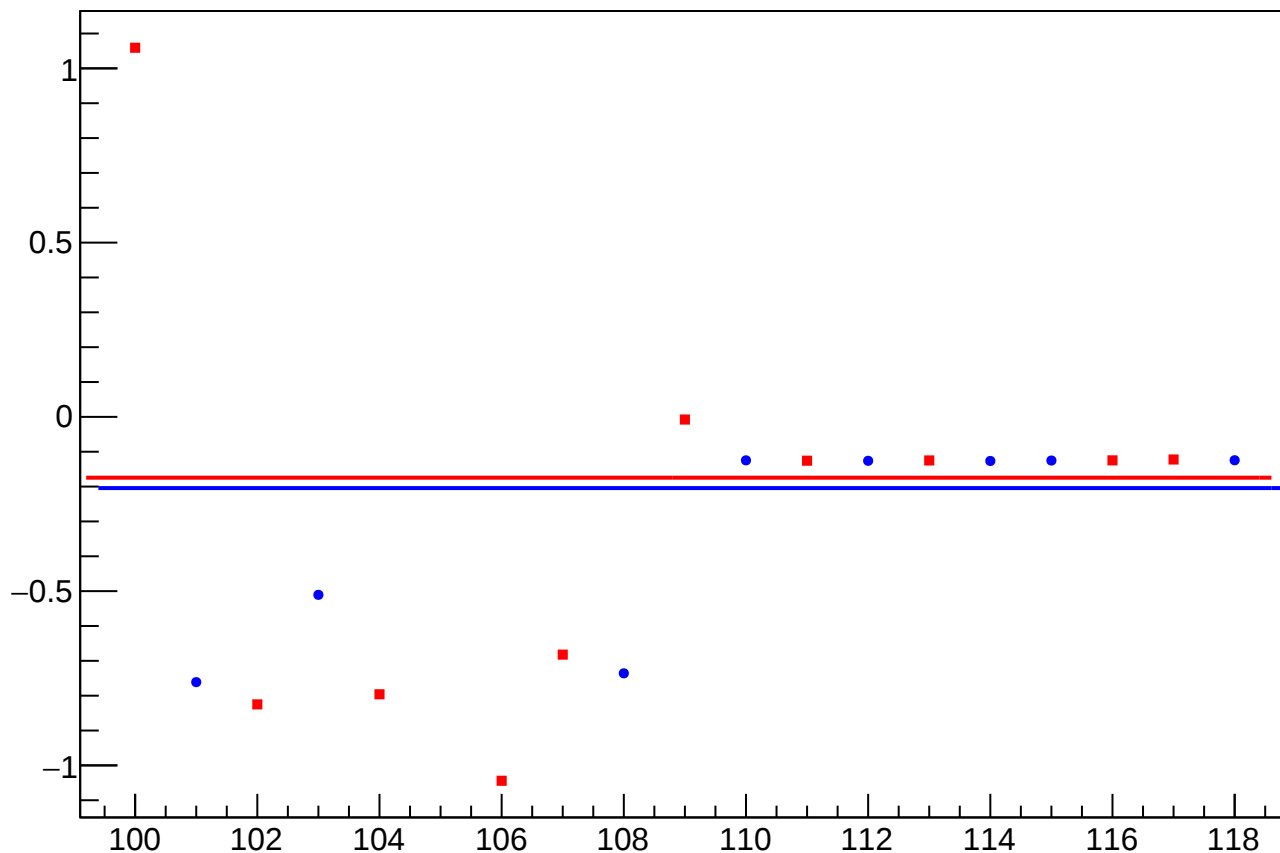
Right Out: 0.010+/-0.000 χ^2/NDF : 716095.4/9

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

0.013+/-0.000 χ^2/NDF : 144606.5/7

0.010+/-0.000 χ^2/NDF : 716095.4/9

yield_bpm16X_mean vs Slug



Right In: -0.204+/-0.000 χ^2/NDF : 336947293.4/7

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

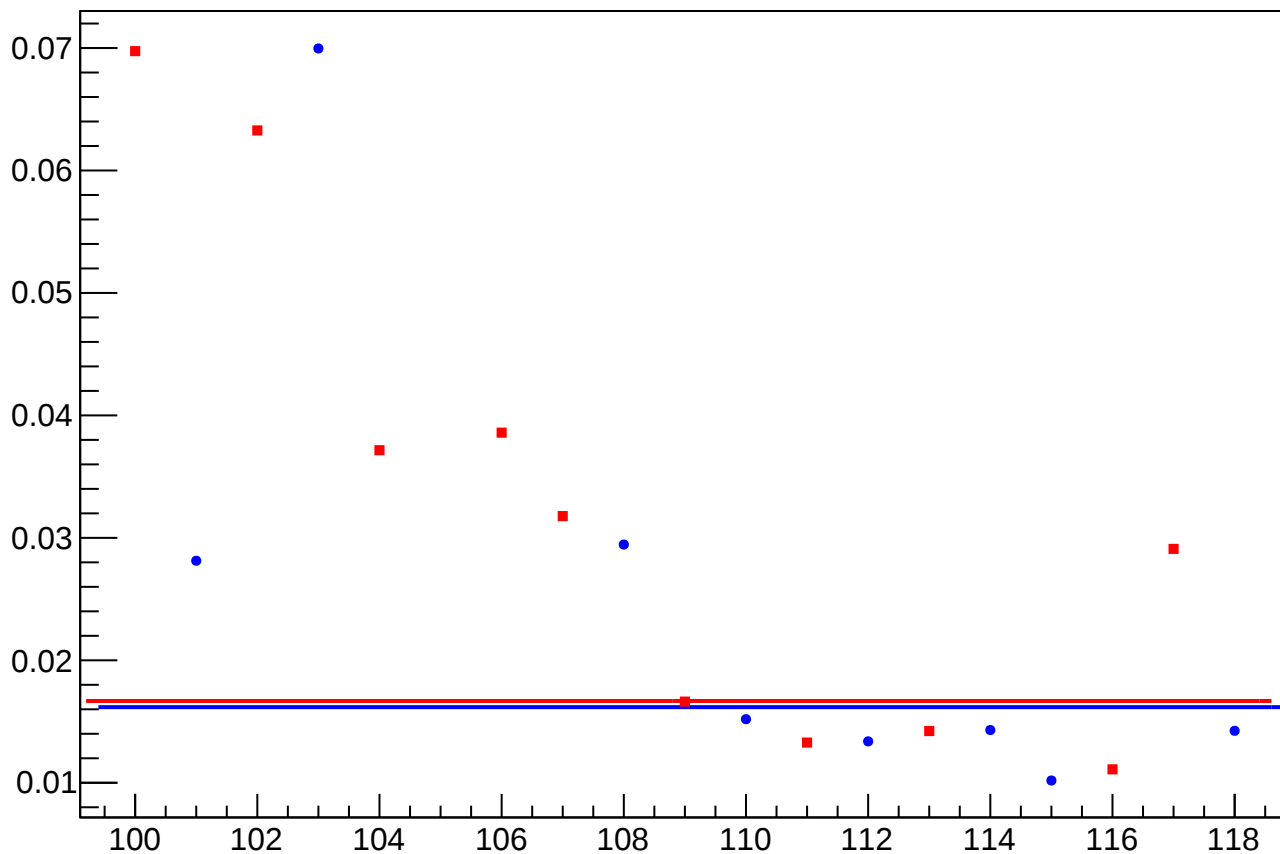
Right Out: -0.175+/-0.000 χ^2/NDF : 413367086.5/9

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

-0.204+/-0.000 χ^2/NDF : 336947293.4/7

-0.175+/-0.000 χ^2/NDF : 413367086.5/9

yield_bpm16X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 1055909.9/7

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

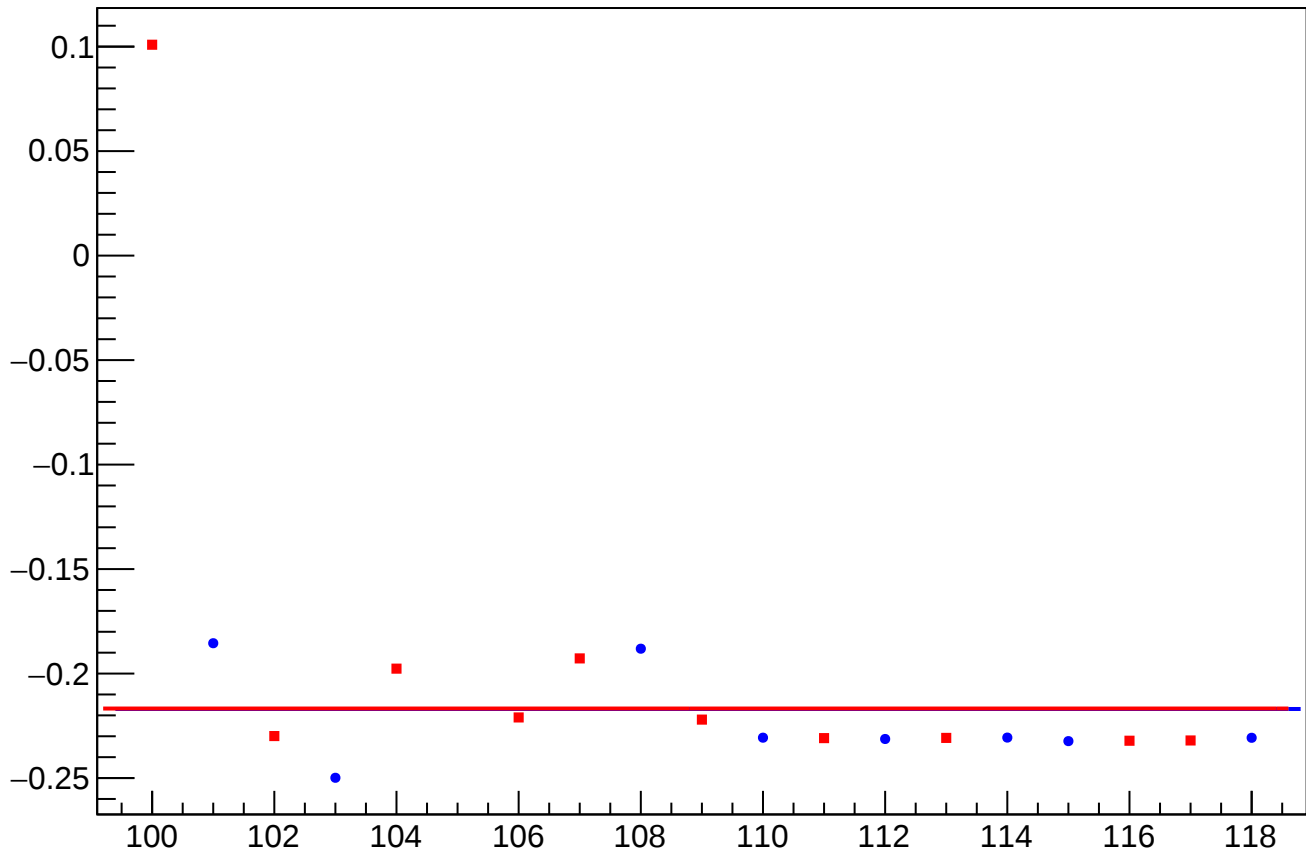
Right Out: 0.017+/-0.000 χ^2/NDF : 1270182.7/9

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

0.016+/-0.000 χ^2/NDF : 1055909.9/7

0.017+/-0.000 χ^2/NDF : 1270182.7/9

yield_bpm16Y_mean vs Slug



Right In: -0.217+/-0.000 χ^2/NDF : 63785412.2/7

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

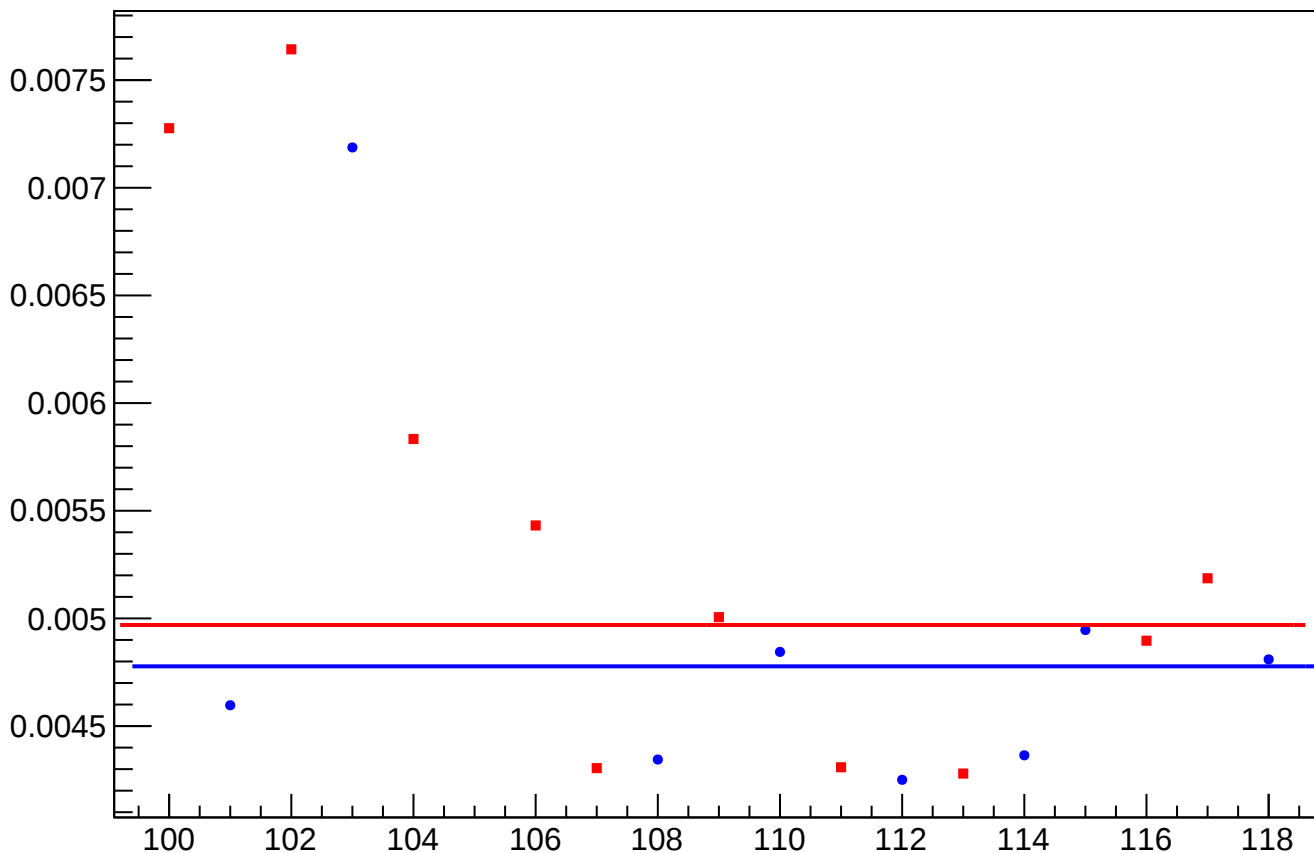
-0.217+/-0.000 χ^2/NDF : 63785412.2/7

Right Out: -0.217+/-0.000 χ^2/NDF : 157220389.6/9

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

-0.217+/-0.000 χ^2/NDF : 157220389.6/9

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 142517.0/7

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

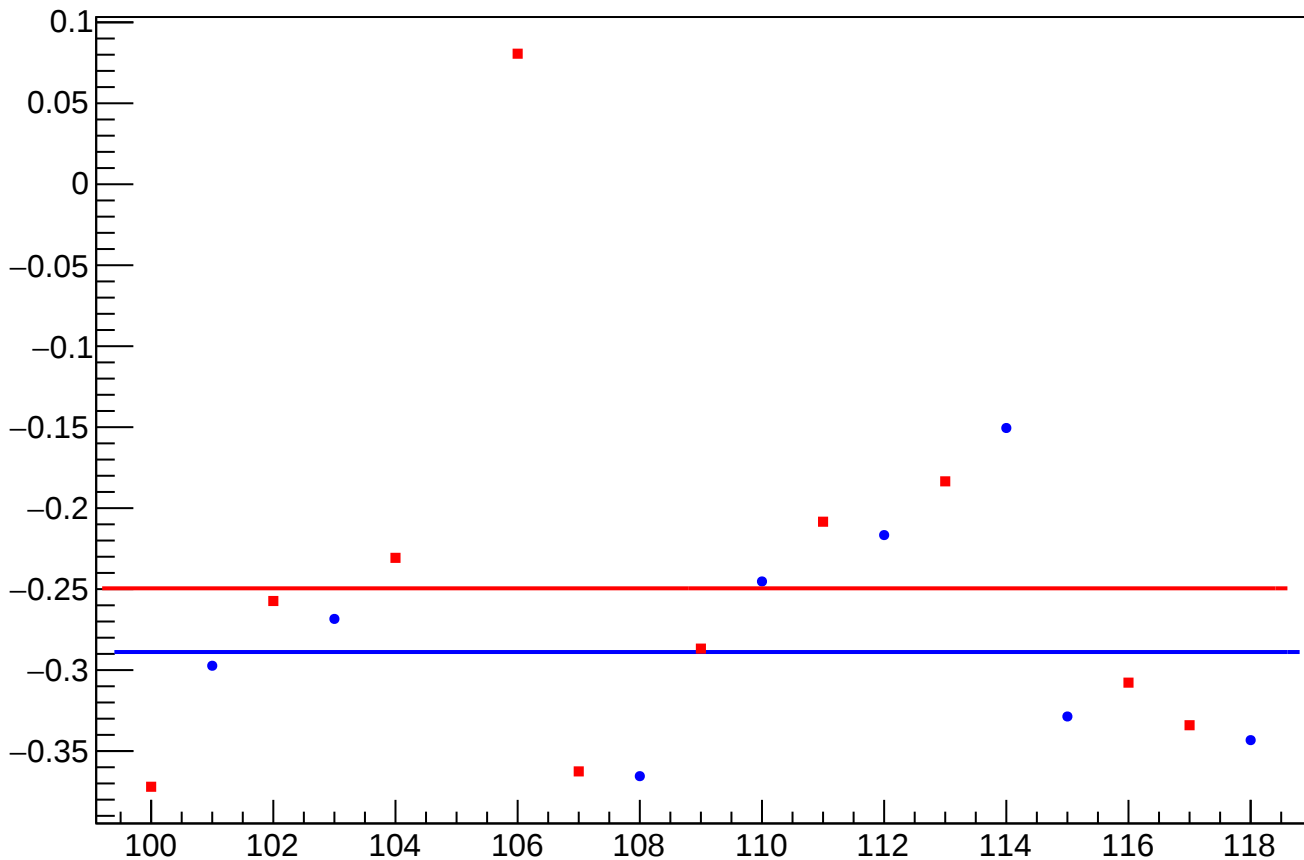
Right Out: 0.005+/-0.000 χ^2/NDF : 215601.3/9

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

0.005+/-0.000 χ^2/NDF : 142517.0/7

0.005+/-0.000 χ^2/NDF : 215601.3/9

yield_bpm0i02X_mean vs Slug



Right In: -0.289+/-0.000 χ^2/NDF : 221573968.0/7

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

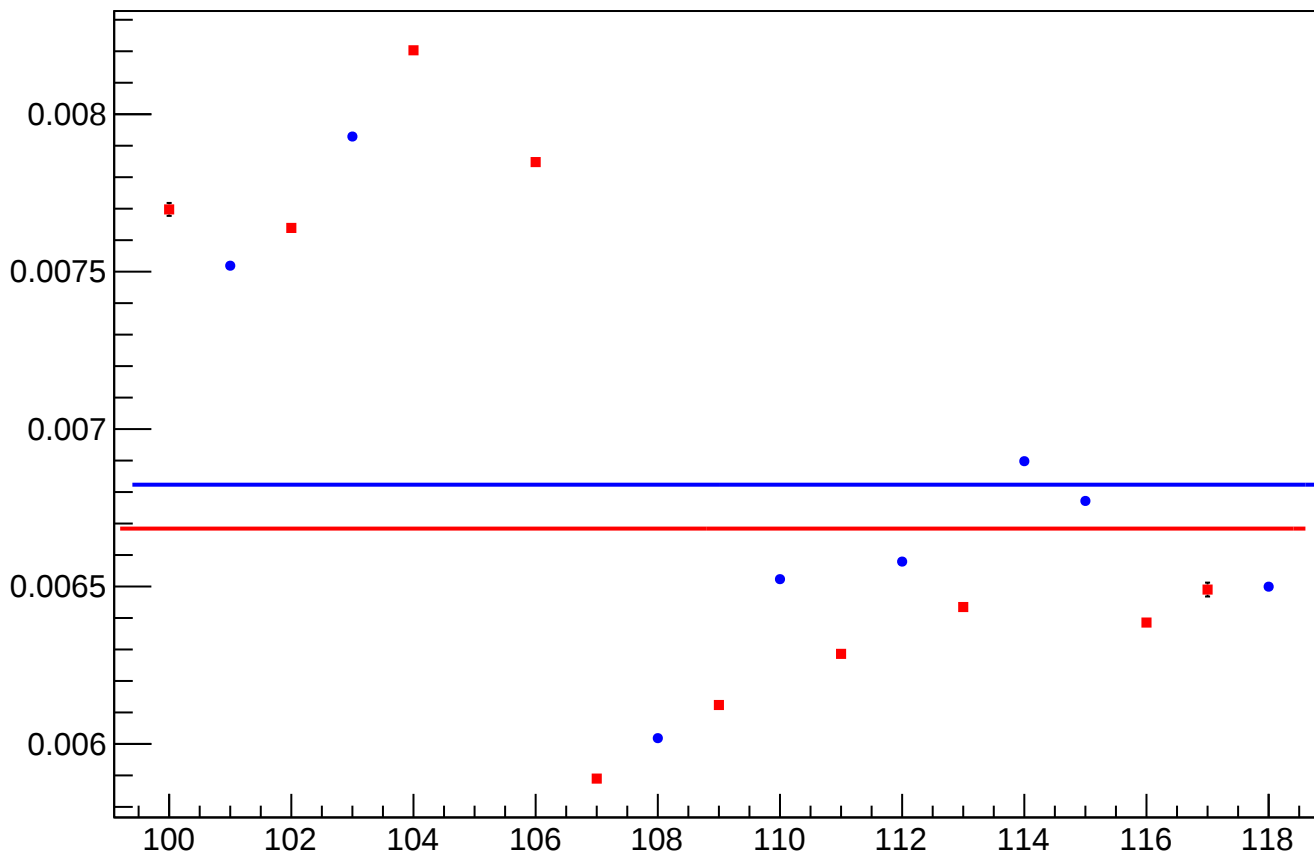
Right Out: -0.250+/-0.000 χ^2/NDF : 597469944.8/9

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

-0.289+/-0.000 χ^2/NDF : 221573968.0/7

-0.250+/-0.000 χ^2/NDF : 597469944.8/9

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 50520.5/7

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

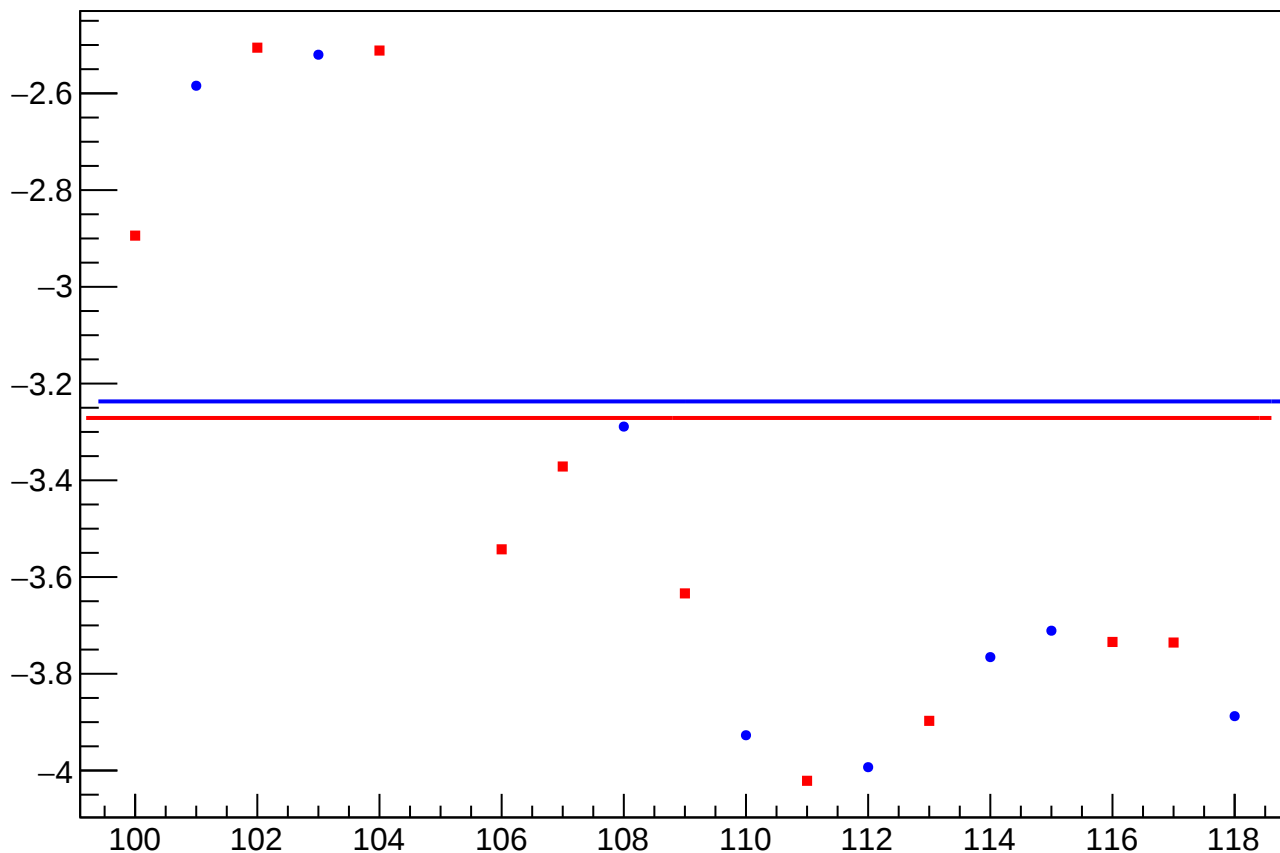
Right Out: 0.007+/-0.000 χ^2/NDF : 87899.8/9

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

0.007+/-0.000 χ^2/NDF : 50520.5/7

0.007+/-0.000 χ^2/NDF : 87899.8/9

yield_bpm0i02Y_mean vs Slug



Right In: -3.237+/-0.000 χ^2/NDF : 20375939635.9/7

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

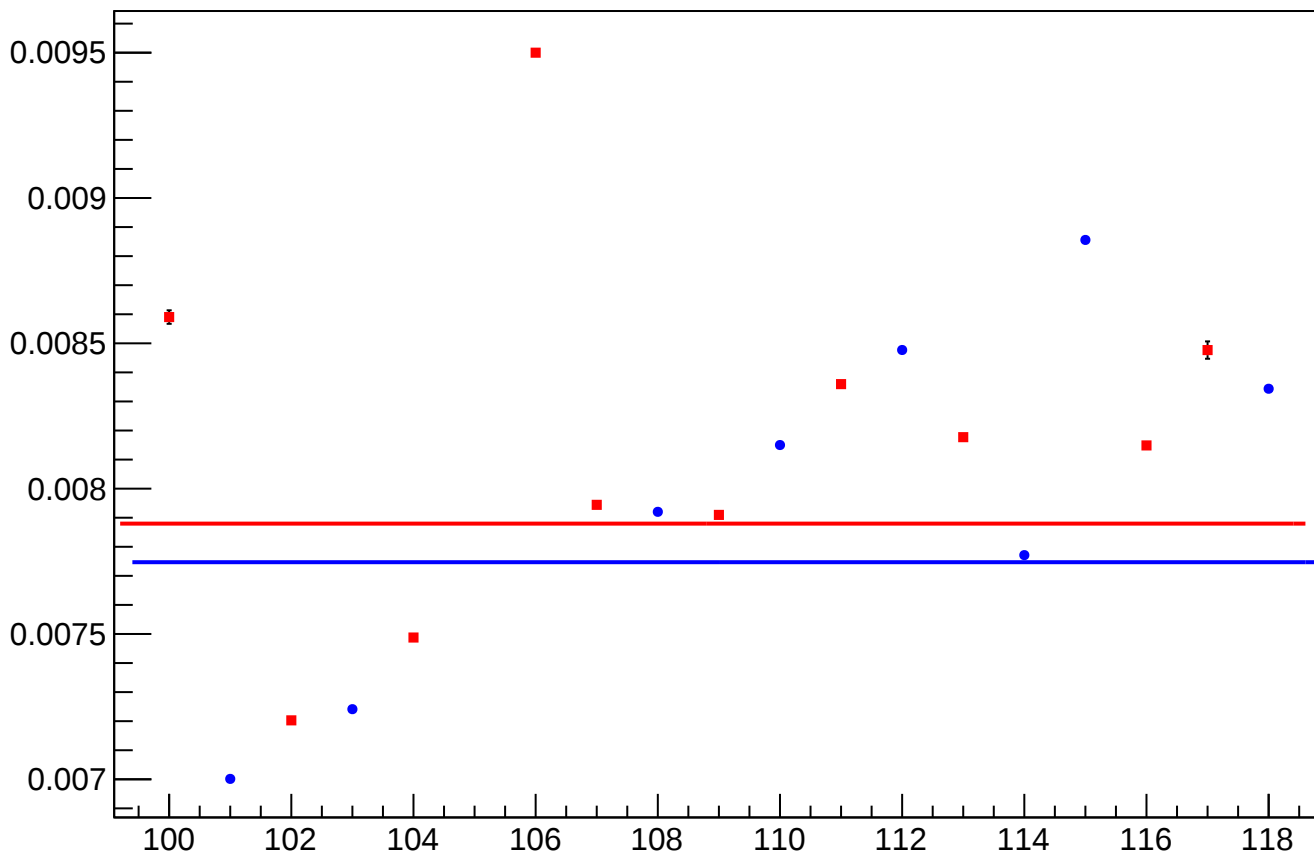
Right Out: -3.271+/-0.000 χ^2/NDF : 19142375307.7/9

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

-3.237+/-0.000 χ^2/NDF : 20375939635.9/7

-3.271+/-0.000 χ^2/NDF : 19142375307.7/9

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 36378.2/7

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

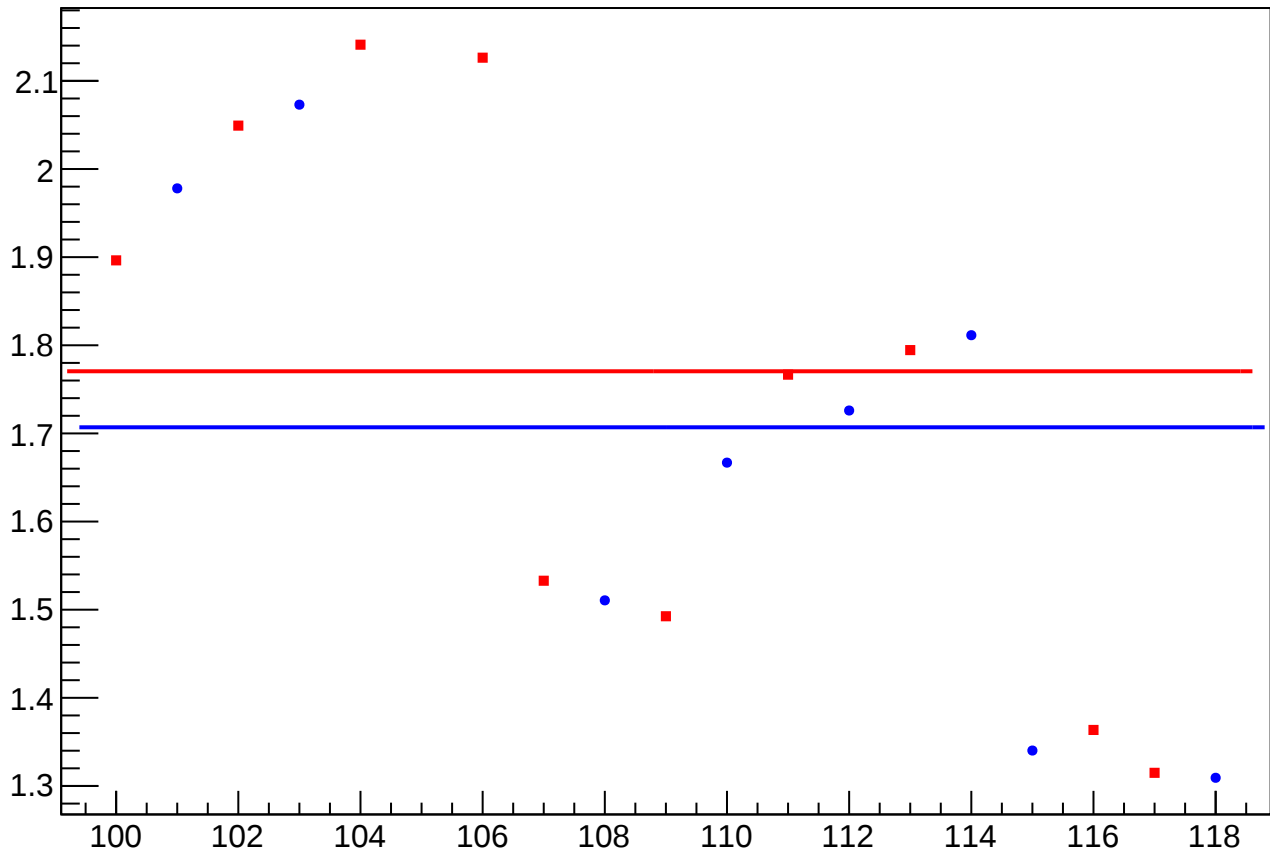
Right Out: 0.008+/-0.000 χ^2/NDF : 26550.0/9

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

0.008+/-0.000 χ^2/NDF : 36378.2/7

0.008+/-0.000 χ^2/NDF : 26550.0/9

yield_bpm0i02aX_mean vs Slug



Right In: 1.707 $\pm$ 0.000 χ^2 /NDF: 1387051826.3/7

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

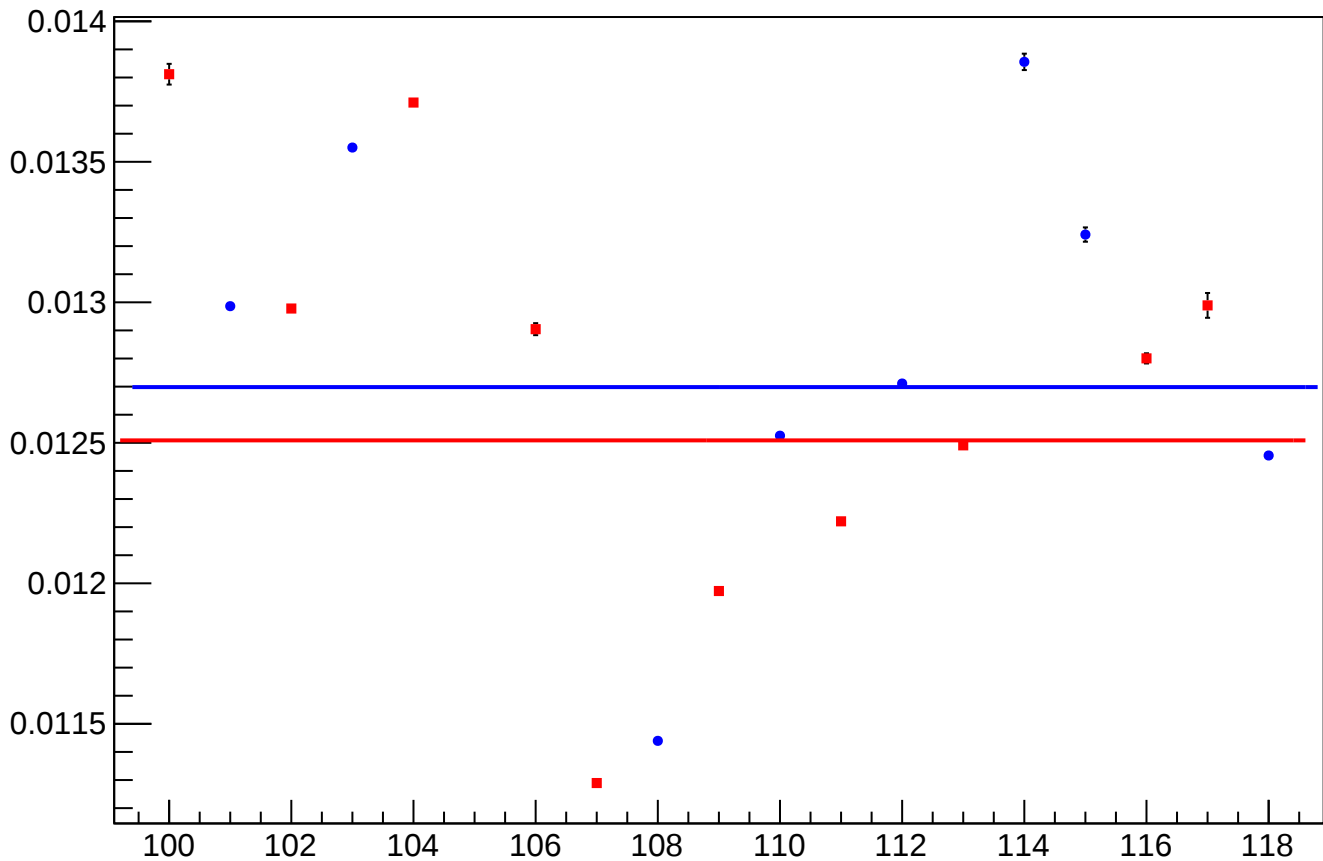
1.707 $\pm$ 0.000 χ^2 /NDF: 1387051826.3/7

Right Out: 1.771 $\pm$ 0.000 χ^2 /NDF: 1472750233.1/9

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

1.771 $\pm$ 0.000 χ^2 /NDF: 1472750233.1/9

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 16692.4/7

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

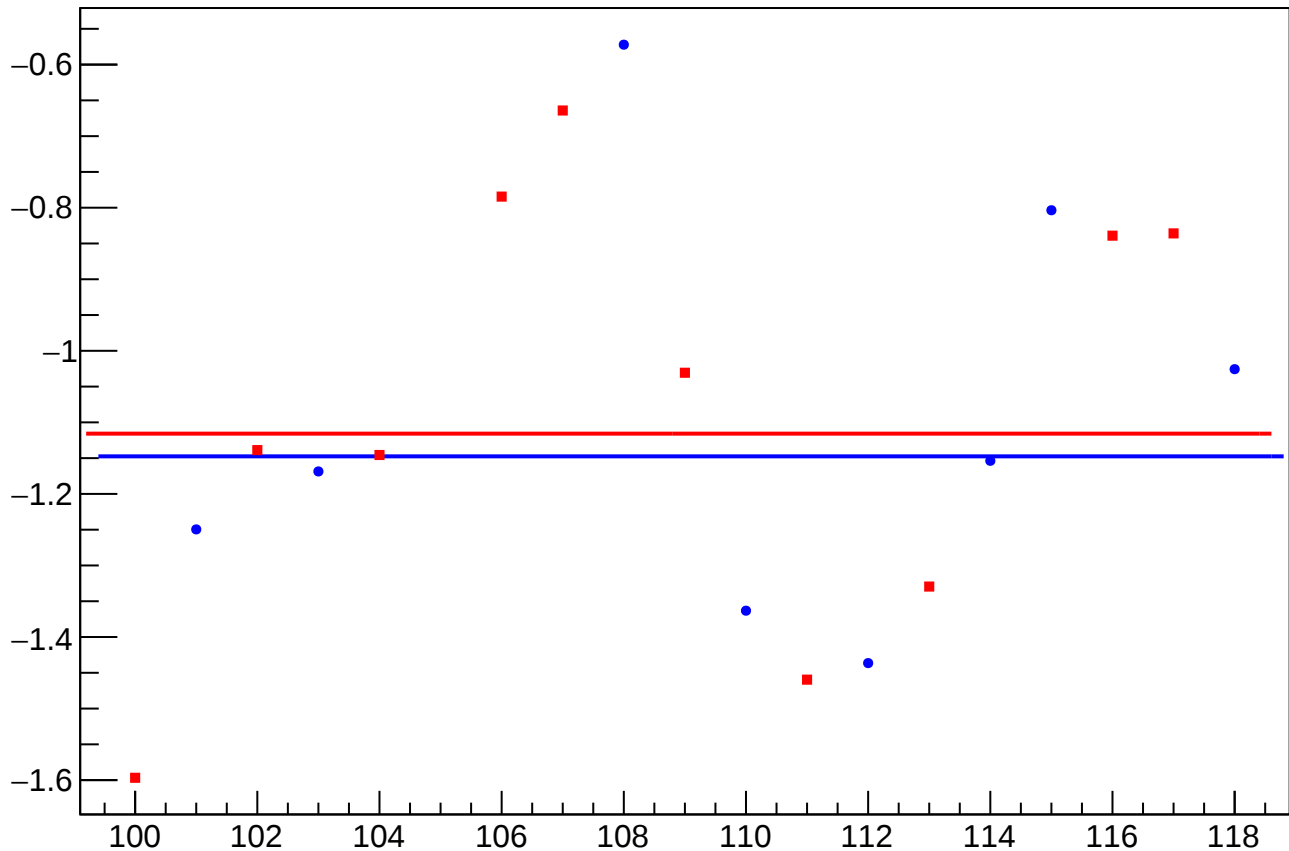
Right Out: 0.013+/-0.000 χ^2/NDF : 21522.2/9

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

0.013+/-0.000 χ^2/NDF : 16692.4/7

0.013+/-0.000 χ^2/NDF : 21522.2/9

yield_bpm0i02aY_mean vs Slug



Right In: -1.148+/-0.000 χ^2/NDF : 2230394626.8/7

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

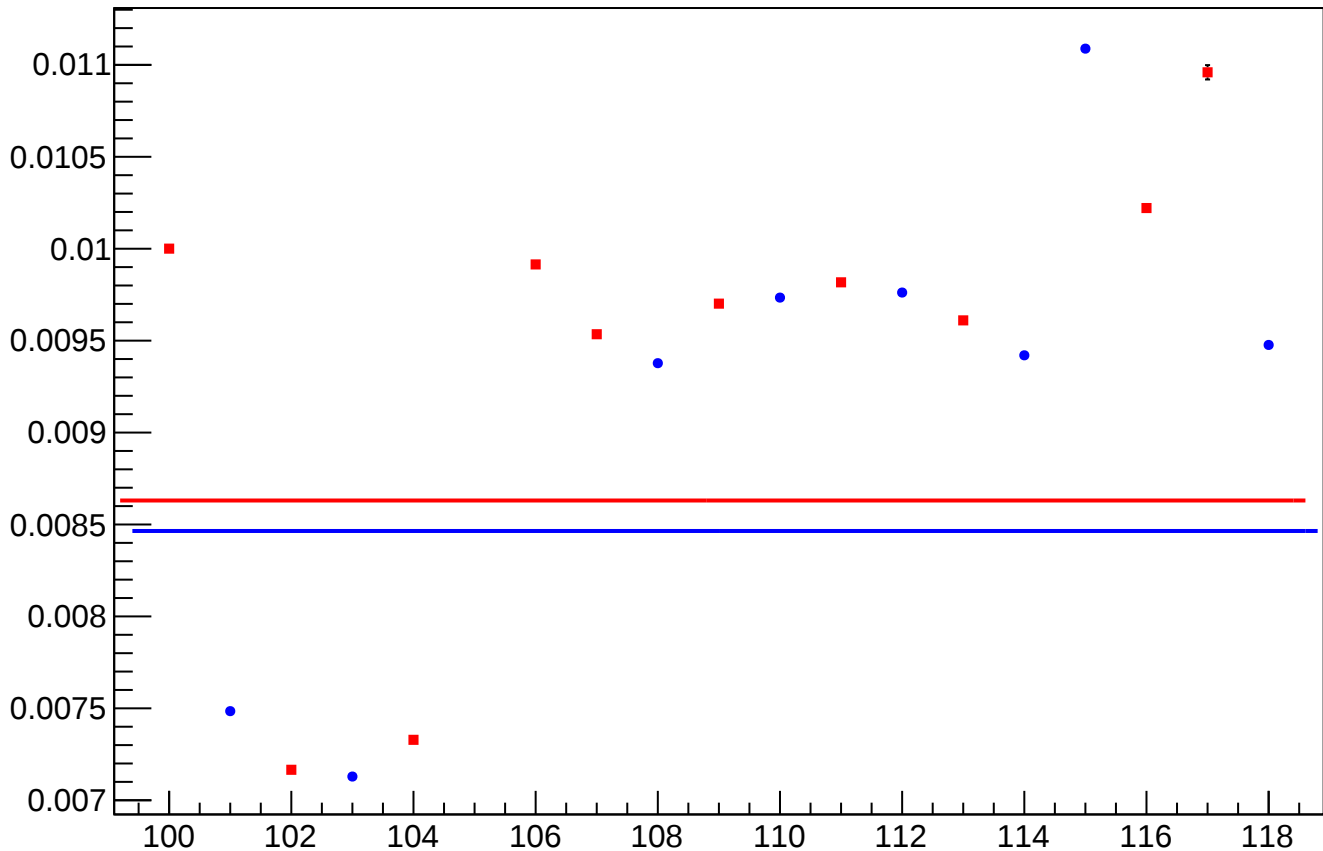
Right Out: -1.116+/-0.000 χ^2/NDF : 2045884636.7/9

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

-1.148+/-0.000 χ^2/NDF : 2230394626.8/7

-1.116+/-0.000 χ^2/NDF : 2045884636.7/9

yield_bpm0i02aY_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 119528.7/7

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

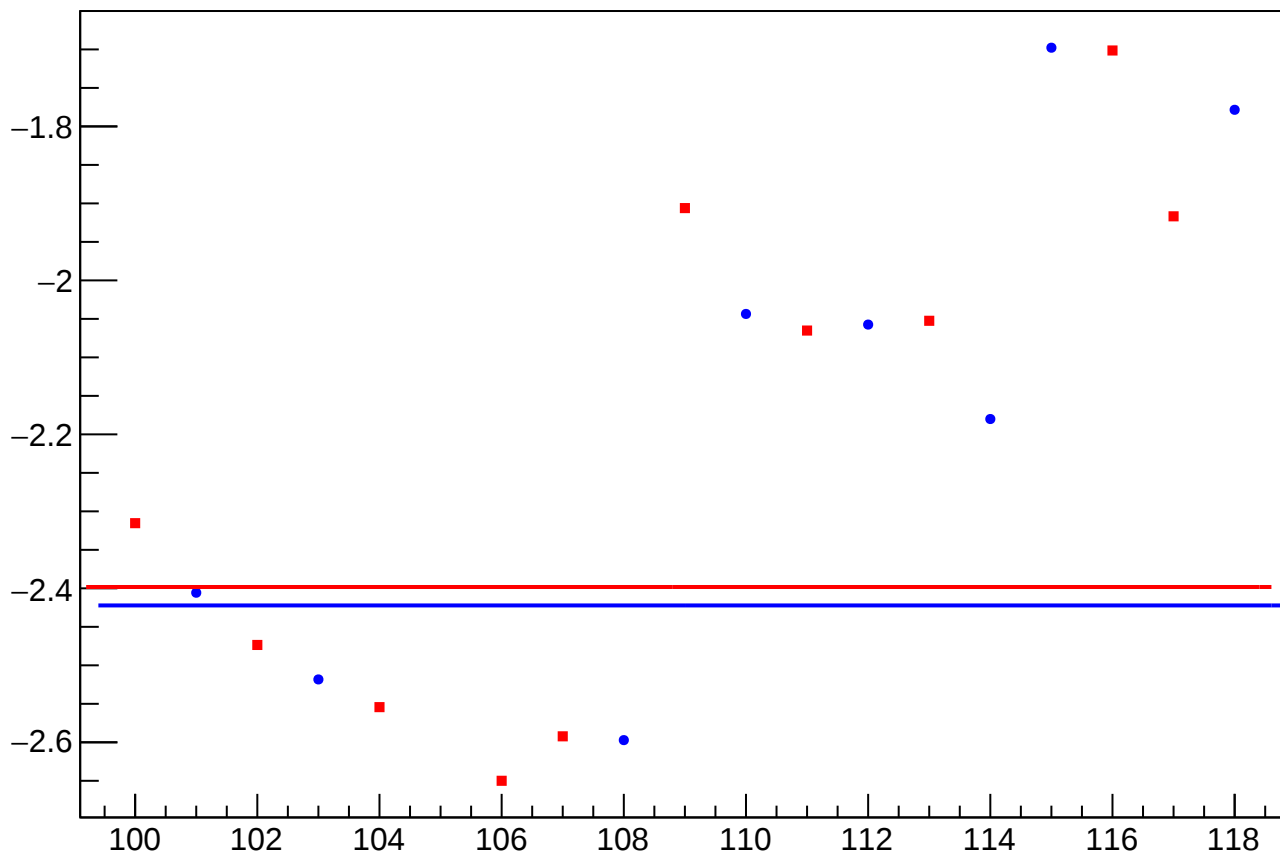
Right Out: 0.009+/-0.000 χ^2/NDF : 134441.7/9

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

0.008+/-0.000 χ^2/NDF : 119528.7/7

0.009+/-0.000 χ^2/NDF : 134441.7/9

yield_bpm0i05X_mean vs Slug



Right In: -2.422+/-0.000 χ^2/NDF : 1701129199.7/7

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

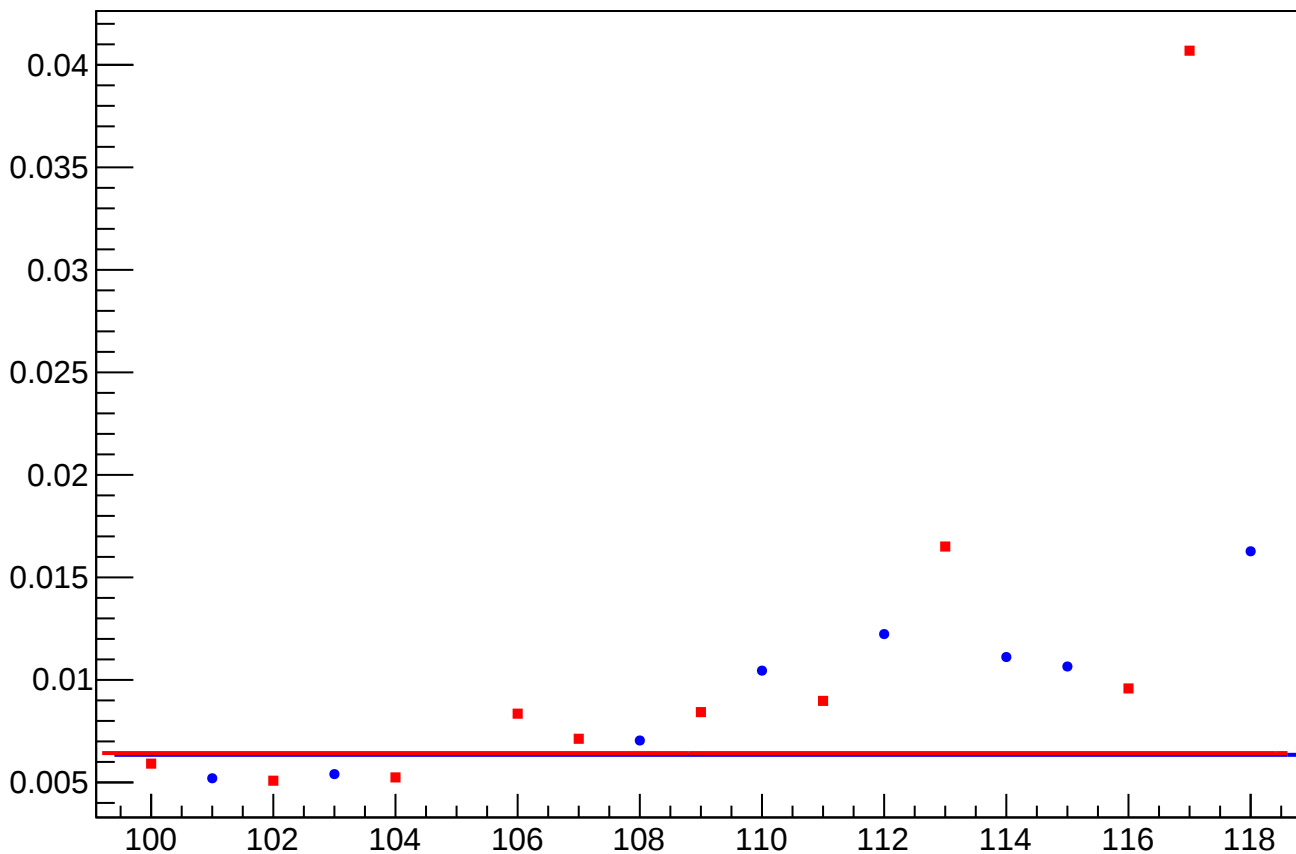
Right Out: -2.398+/-0.000 χ^2/NDF : 3811444010.5/9

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

-2.422+/-0.000 χ^2/NDF : 1701129199.7/7

-2.398+/-0.000 χ^2/NDF : 3811444010.5/9

yield_bpm0i05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 557021.2/7

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

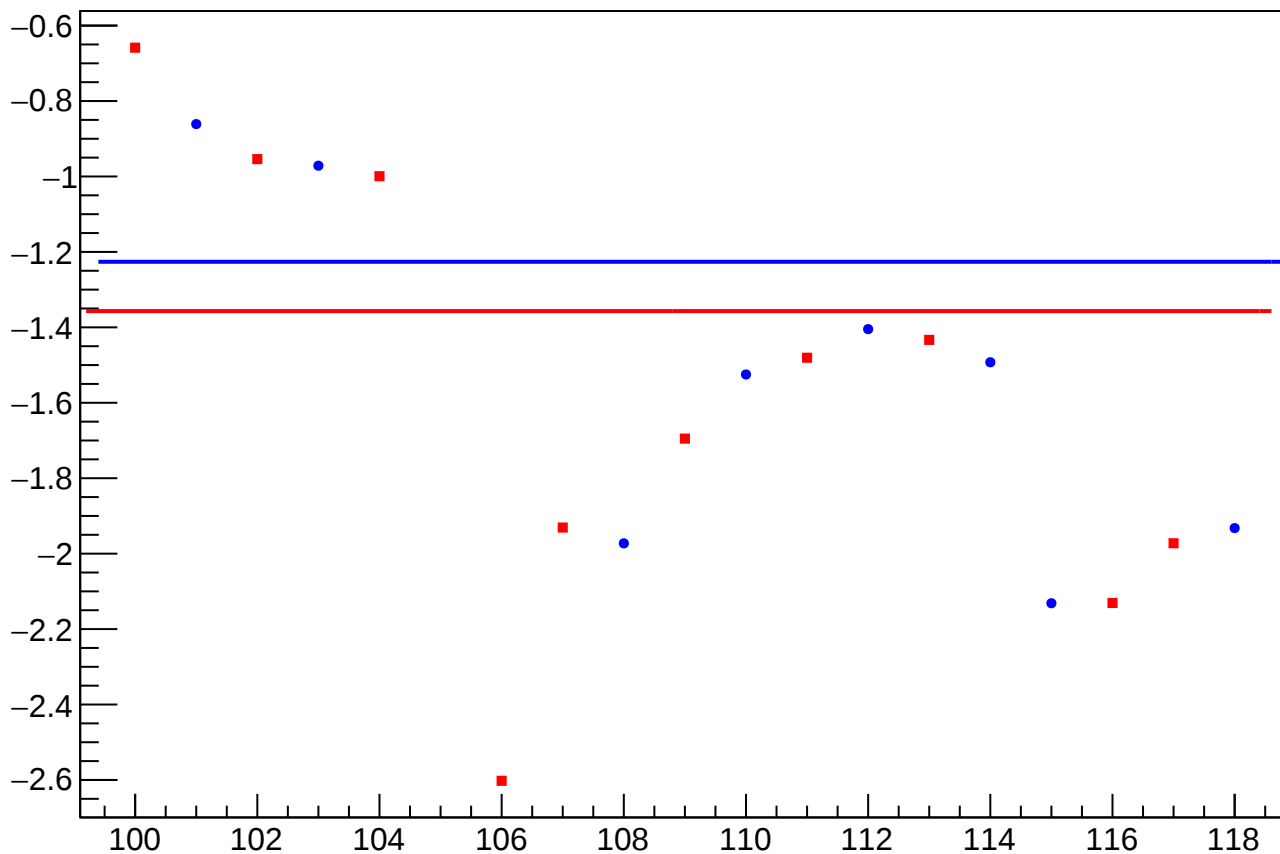
Right Out: 0.006+/-0.000 χ^2/NDF : 532170.9/9

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

0.006+/-0.000 χ^2/NDF : 557021.2/7

0.006+/-0.000 χ^2/NDF : 532170.9/9

yield_bpm0i05Y_mean vs Slug



Right In: -1.226+/-0.000 χ^2/NDF : 11546767590.2/7

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

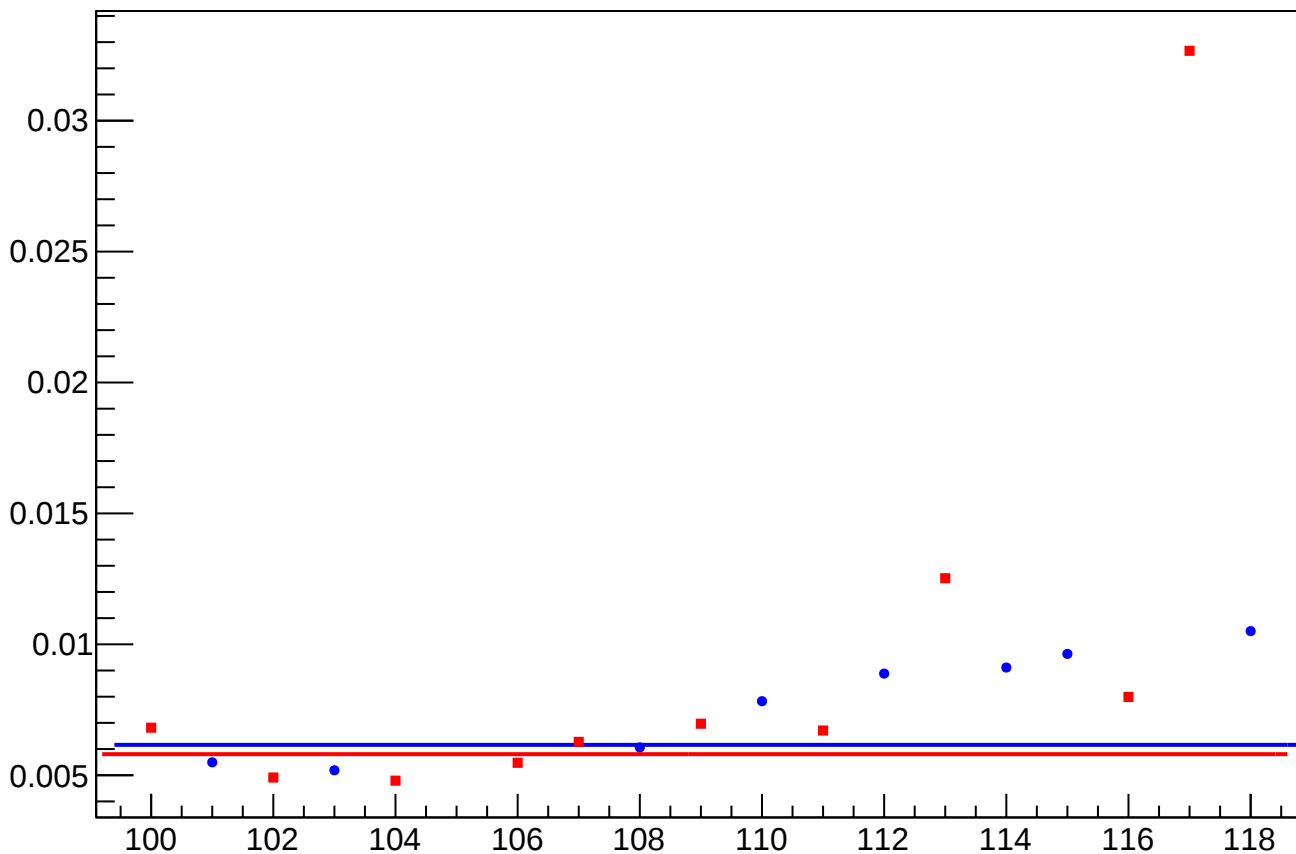
Right Out: -1.357+/-0.000 χ^2/NDF : 18895308764.3/9

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

-1.226+/-0.000 χ^2/NDF : 11546767590.2/7

-1.357+/-0.000 χ^2/NDF : 18895308764.3/9

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 256652.2/7

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

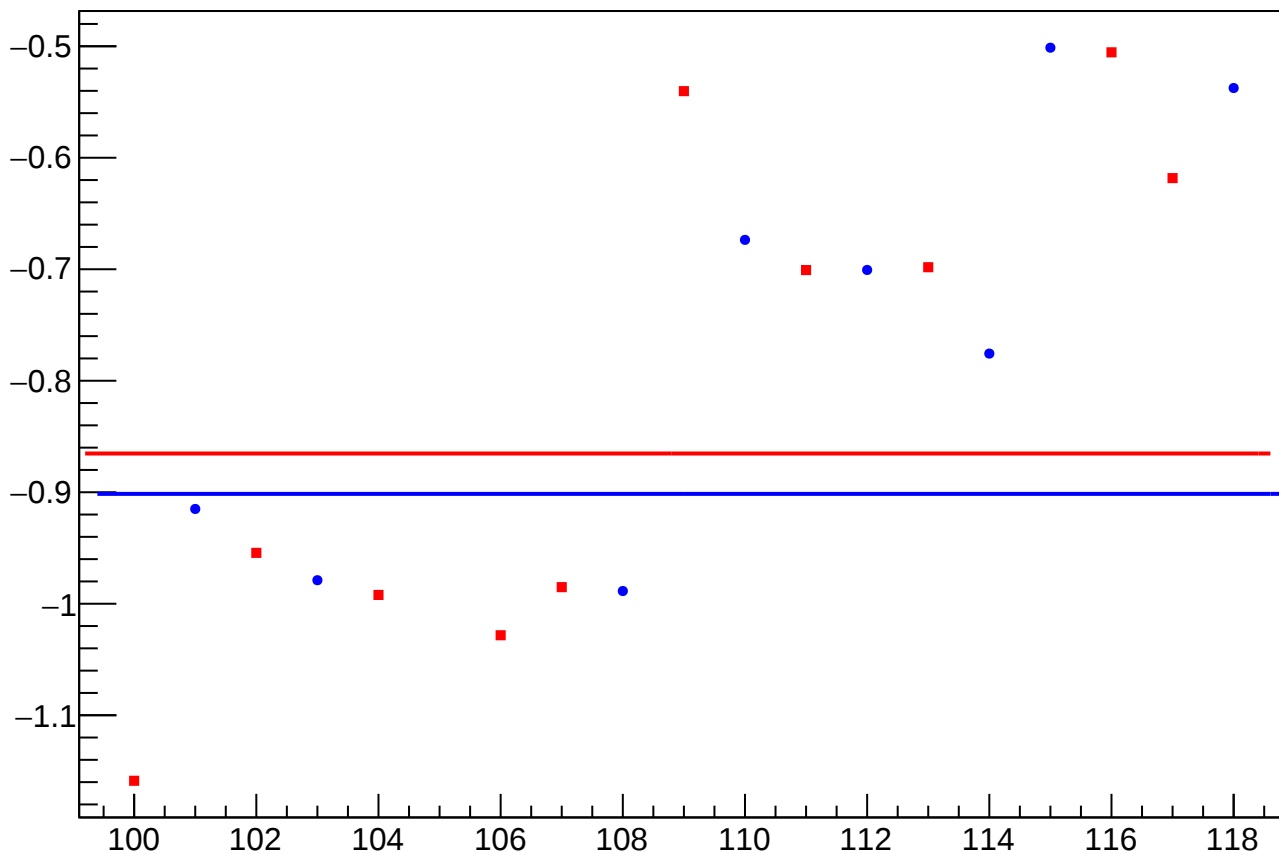
Right Out: 0.006+/-0.000 χ^2/NDF : 326613.5/9

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

0.006+/-0.000 χ^2/NDF : 256652.2/7

0.006+/-0.000 χ^2/NDF : 326613.5/9

yield_bpm0i07X_mean vs Slug



Right In: -0.901+/-0.000 χ^2/NDF : 1400629057.6/7

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

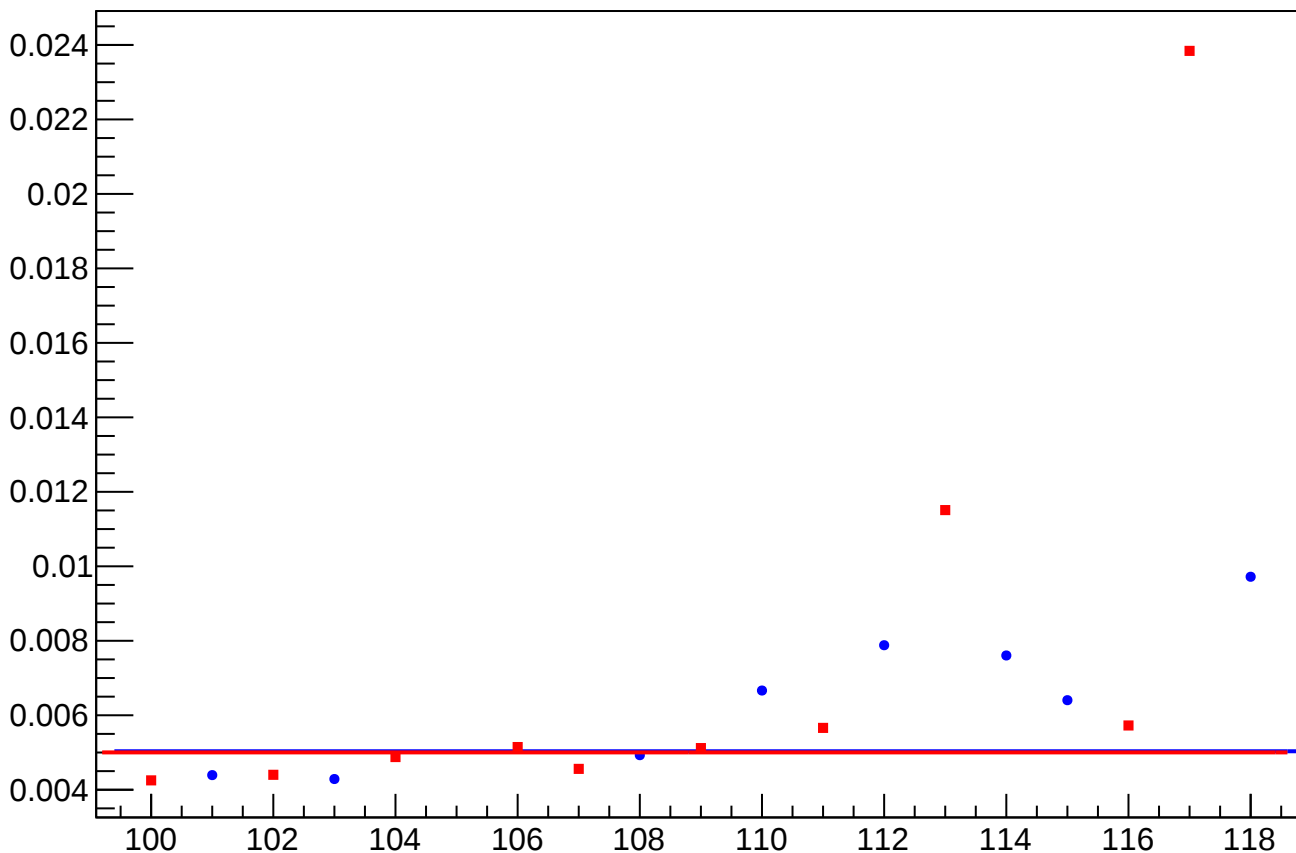
Right Out: -0.865+/-0.000 χ^2/NDF : 3912255431.1/9

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

-0.901+/-0.000 χ^2/NDF : 1400629057.6/7

-0.865+/-0.000 χ^2/NDF : 3912255431.1/9

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 317632.6/7

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

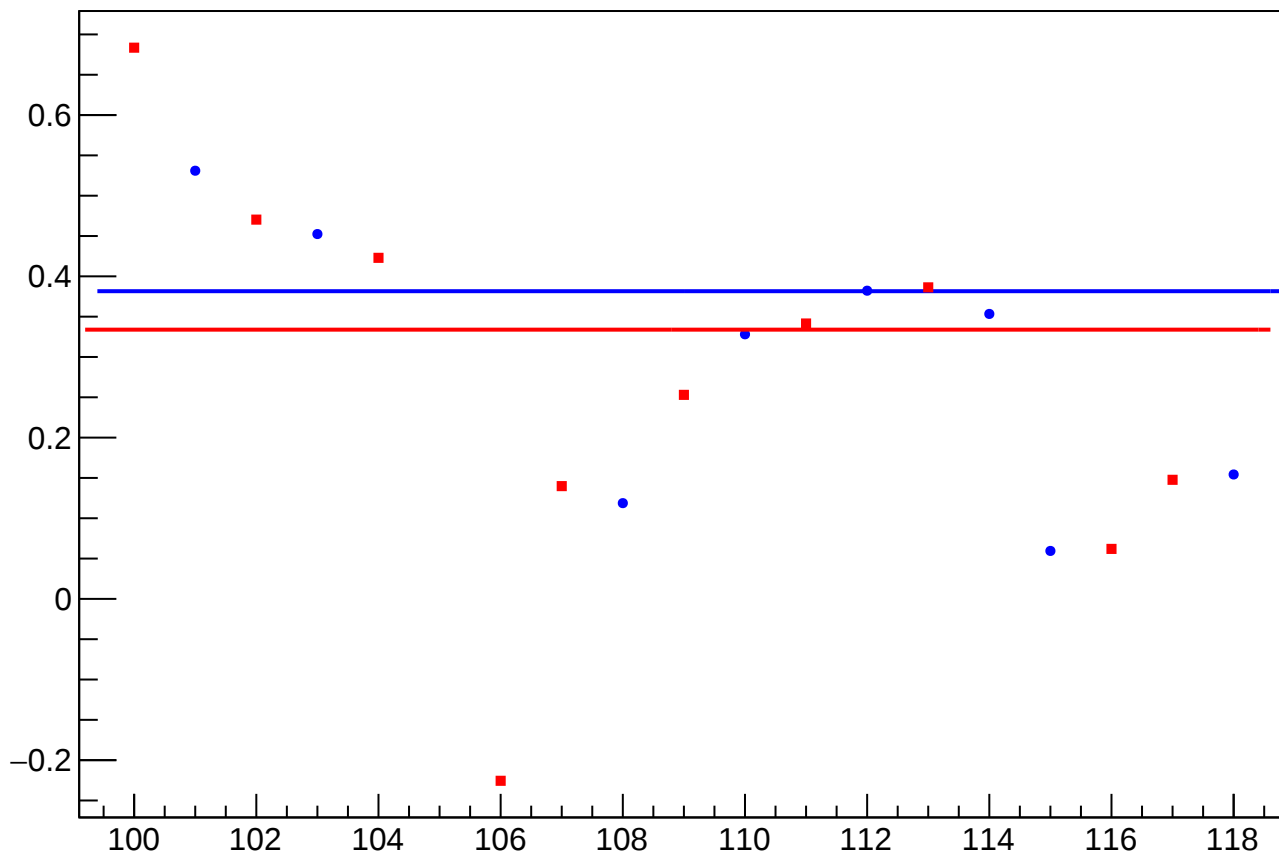
Right Out: 0.005+/-0.000 χ^2/NDF : 269167.7/9

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

0.005+/-0.000 χ^2/NDF : 317632.6/7

0.005+/-0.000 χ^2/NDF : 269167.7/9

yield_bpm0i07Y_mean vs Slug



Right In: 0.382+/-0.000 χ^2/NDF : 3405641468.6/7

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

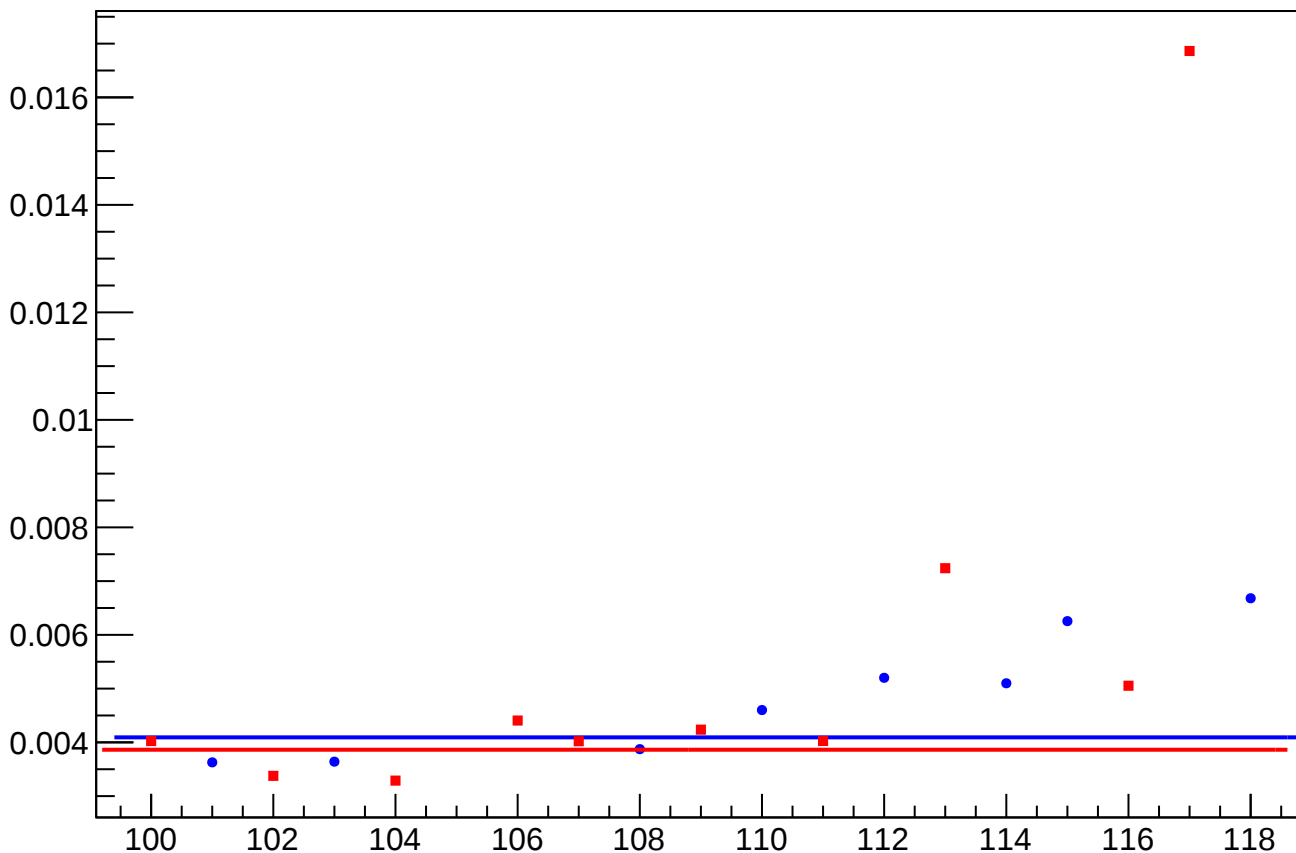
Right Out: 0.334+/-0.000 χ^2/NDF : 5351346750.2/9

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

0.382+/-0.000 χ^2/NDF : 3405641468.6/7

0.334+/-0.000 χ^2/NDF : 5351346750.2/9

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 182653.5/7

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

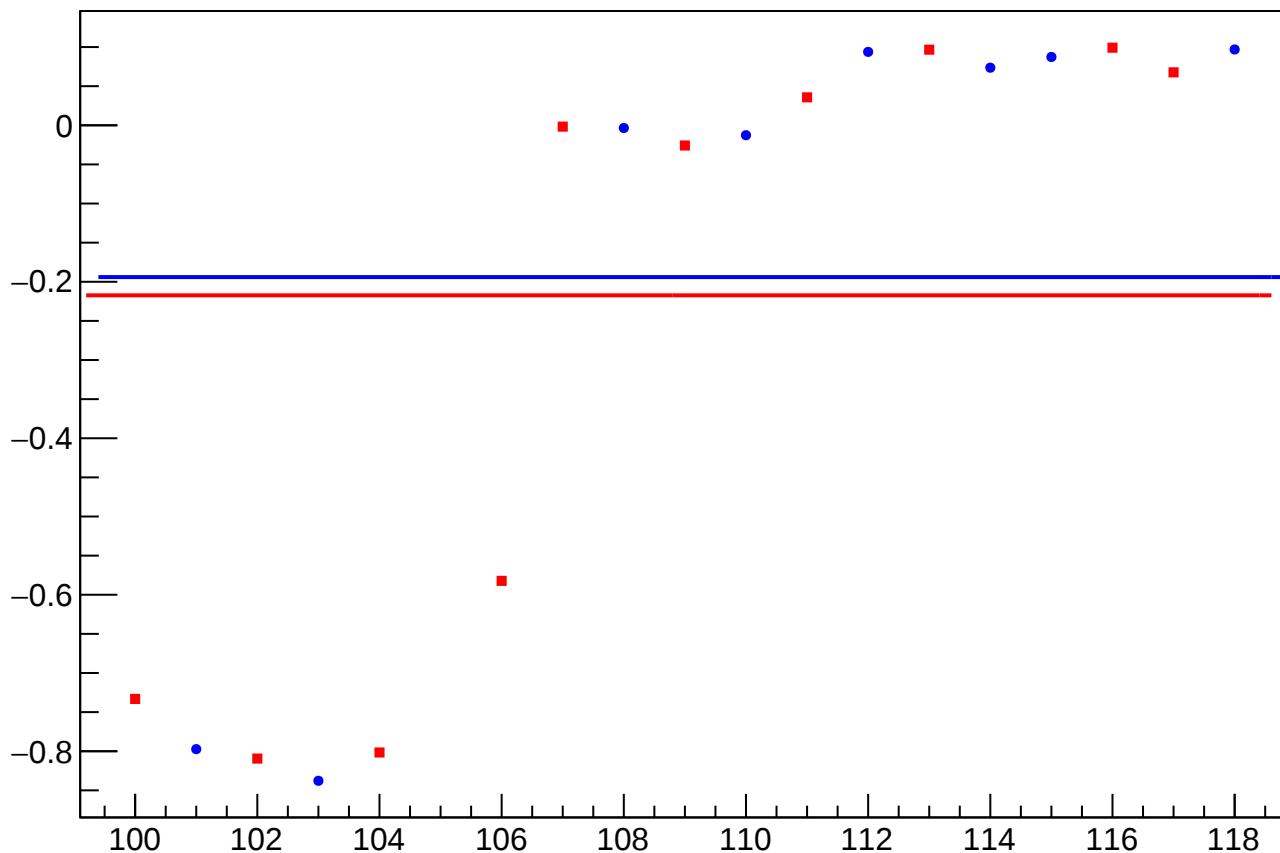
Right Out: 0.004+/-0.000 χ^2/NDF : 234323.8/9

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

0.004+/-0.000 χ^2/NDF : 182653.5/7

0.004+/-0.000 χ^2/NDF : 234323.8/9

yield_bpm1i02X_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 4225338412.5/7

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

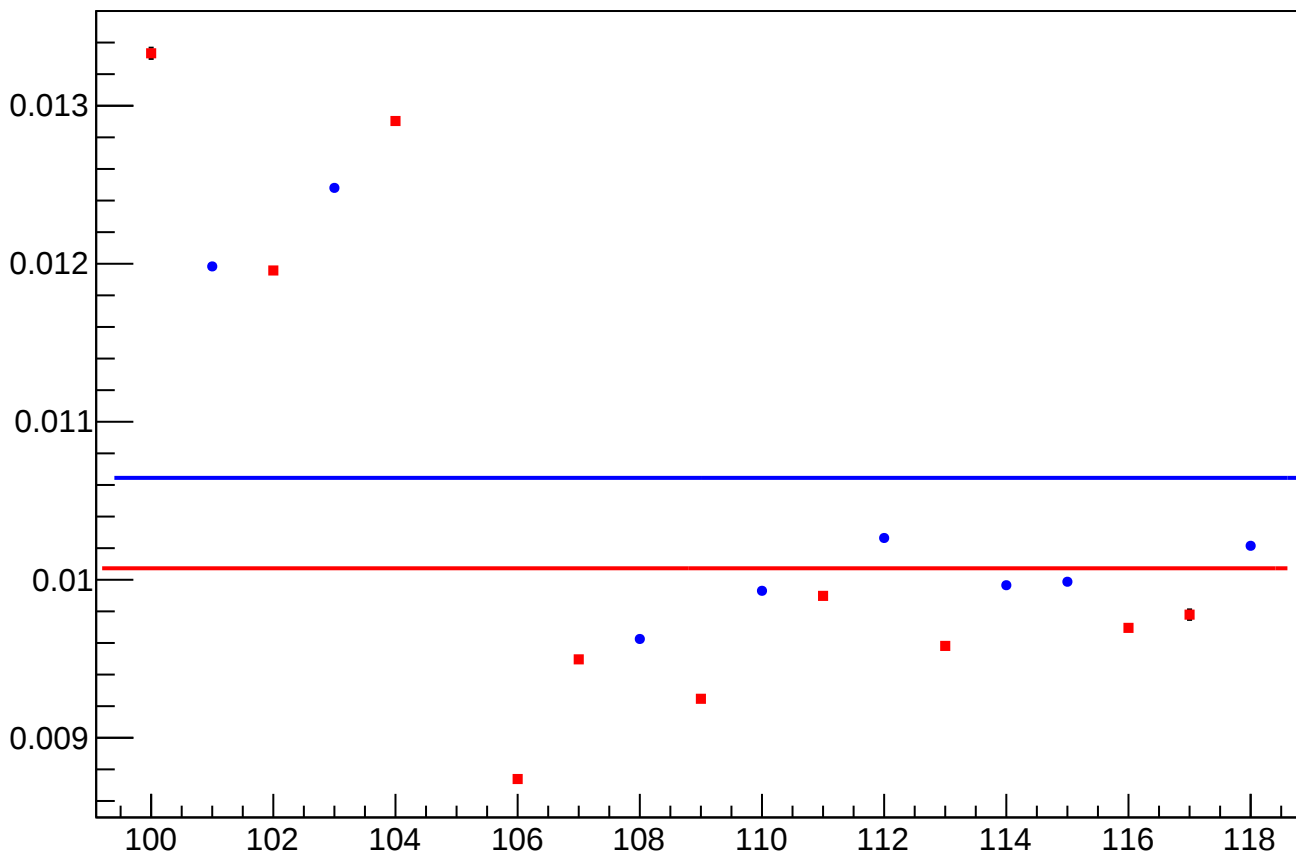
Right Out: -0.217+/-0.000 χ^2/NDF : 4446561391.5/9

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

-0.194+/-0.000 χ^2/NDF : 4225338412.5/7

-0.217+/-0.000 χ^2/NDF : 4446561391.5/9

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 56455.7/7

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

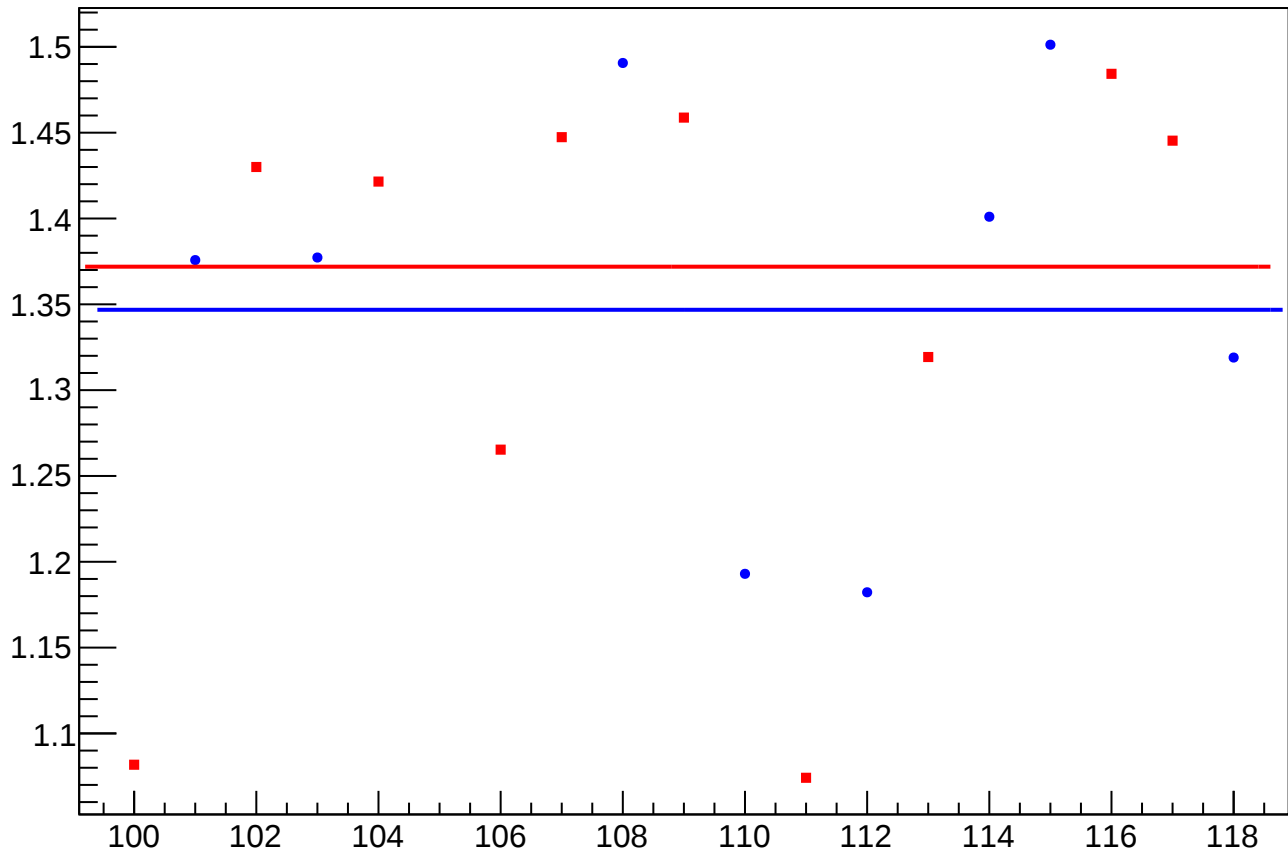
Right Out: 0.010+/-0.000 χ^2/NDF : 111102.9/9

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

0.011+/-0.000 χ^2/NDF : 56455.7/7

0.010+/-0.000 χ^2/NDF : 111102.9/9

yield_bpm1i02Y_mean vs Slug



Right In: 1.347+/-0.000 χ^2/NDF : 584653316.0/7

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

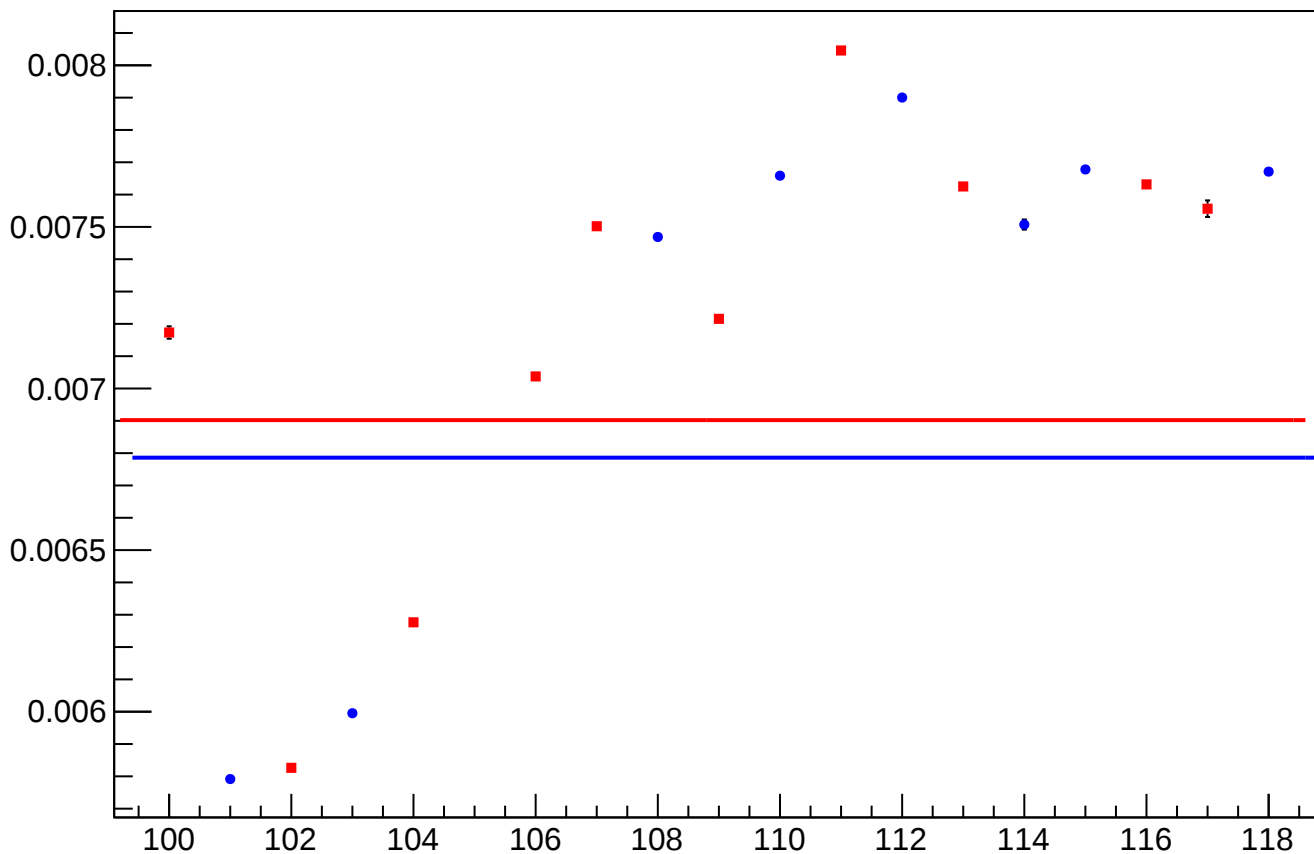
1.347+/-0.000 χ^2/NDF : 584653316.0/7

Right Out: 1.372+/-0.000 χ^2/NDF : 1042600440.1/9

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

1.372+/-0.000 χ^2/NDF : 1042600440.1/9

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 107007.1/7

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

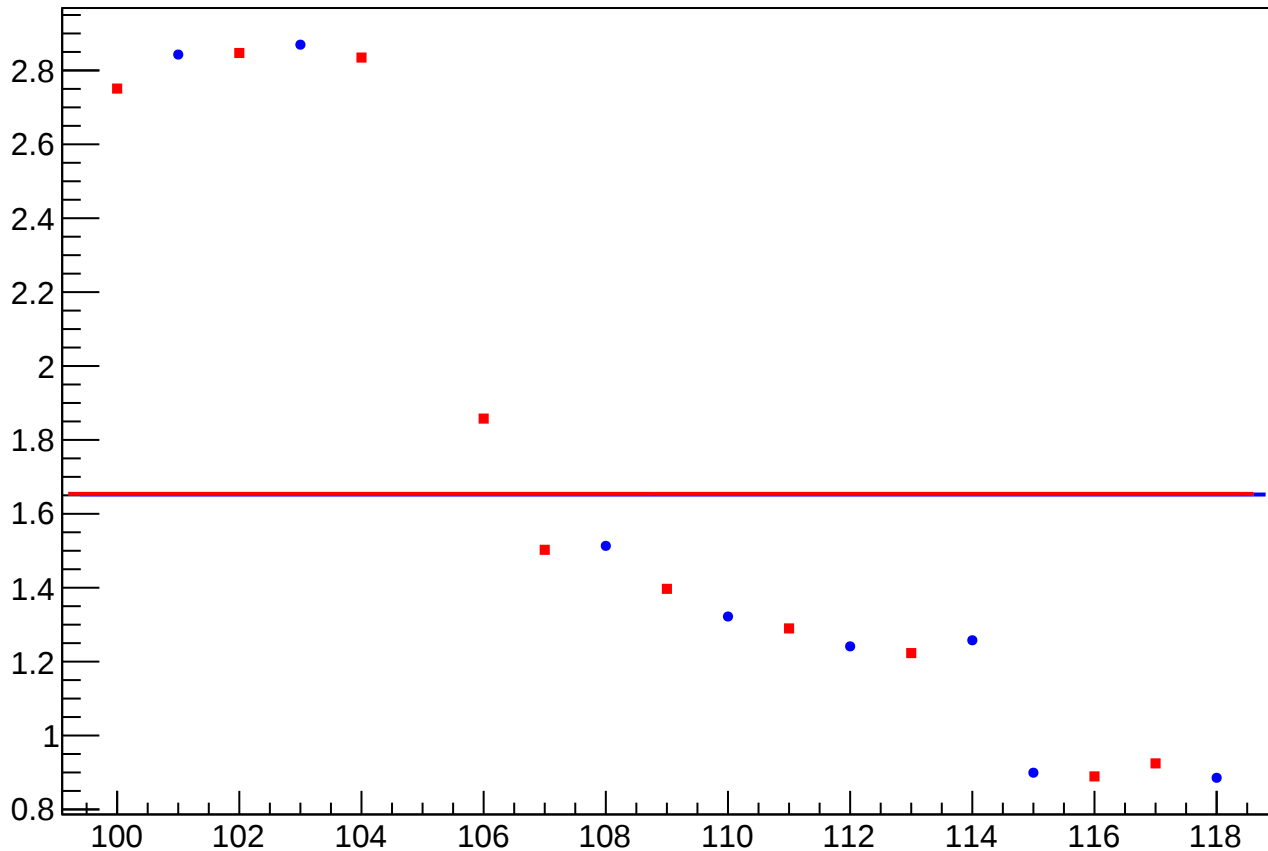
Right Out: 0.007+/-0.000 χ^2/NDF : 83981.9/9

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

0.007+/-0.000 χ^2/NDF : 107007.1/7

0.007+/-0.000 χ^2/NDF : 83981.9/9

yield_bpm1i04X_mean vs Slug



Right In: 1.652+/-0.000 χ^2/NDF : 36926980795.0/7

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

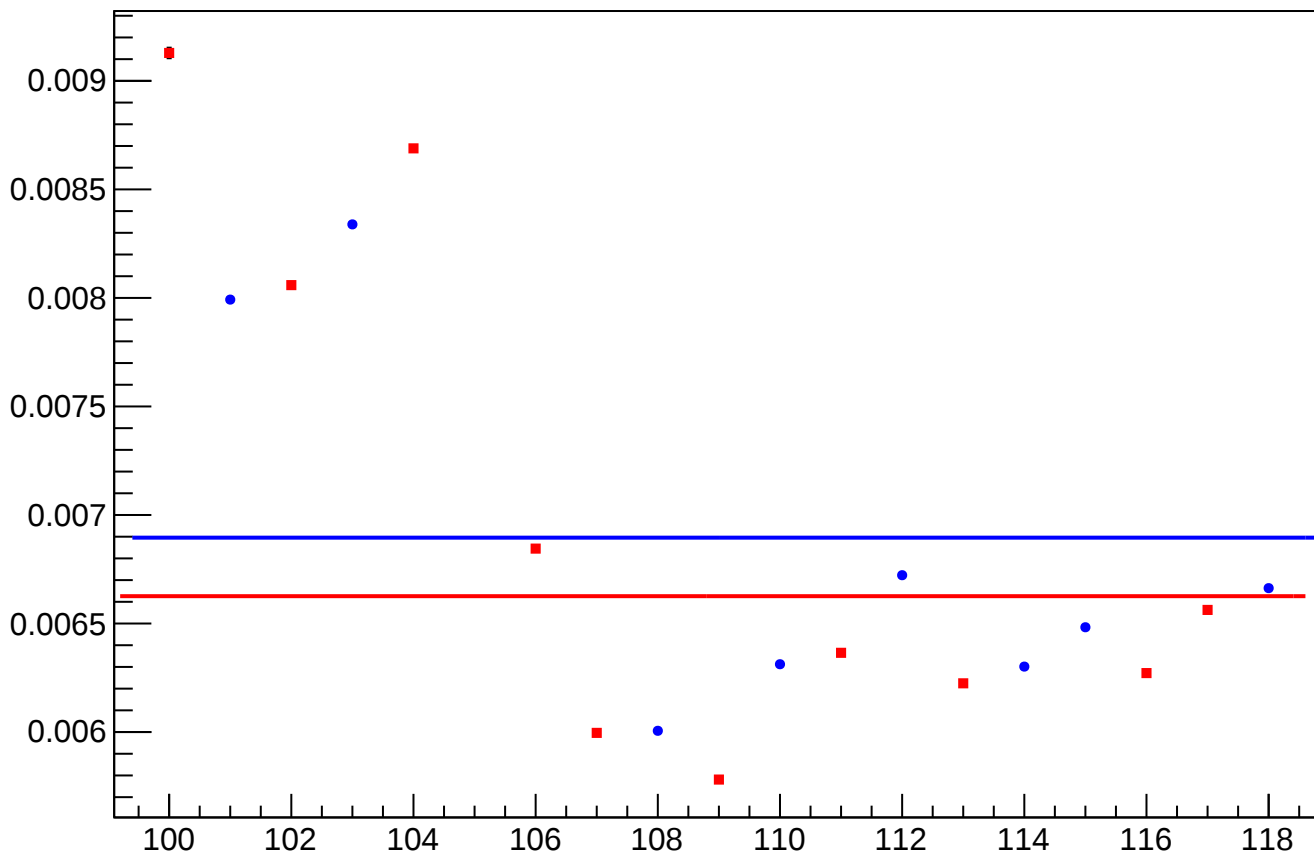
Right Out: 1.654+/-0.000 χ^2/NDF : 31373240007.1/9

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

1.652+/-0.000 χ^2/NDF : 36926980795.0/7

1.654+/-0.000 χ^2/NDF : 31373240007.1/9

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 83394.2/7

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

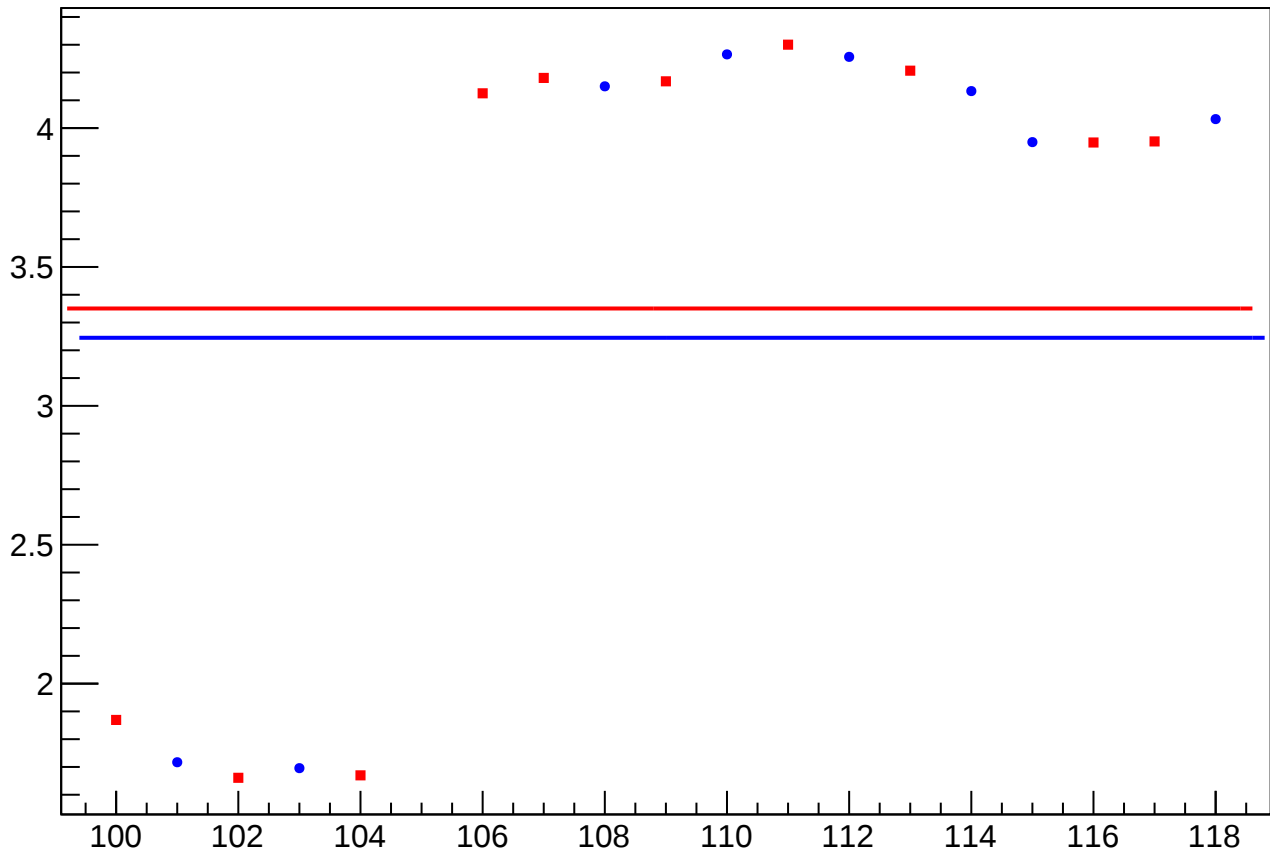
Right Out: 0.007+/-0.000 χ^2/NDF : 137651.3/9

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

0.007+/-0.000 χ^2/NDF : 83394.2/7

0.007+/-0.000 χ^2/NDF : 137651.3/9

yield_bpm1i04Y_mean vs Slug



Right In: 3.245+/-0.000 χ^2/NDF : 155986380908.6/7

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

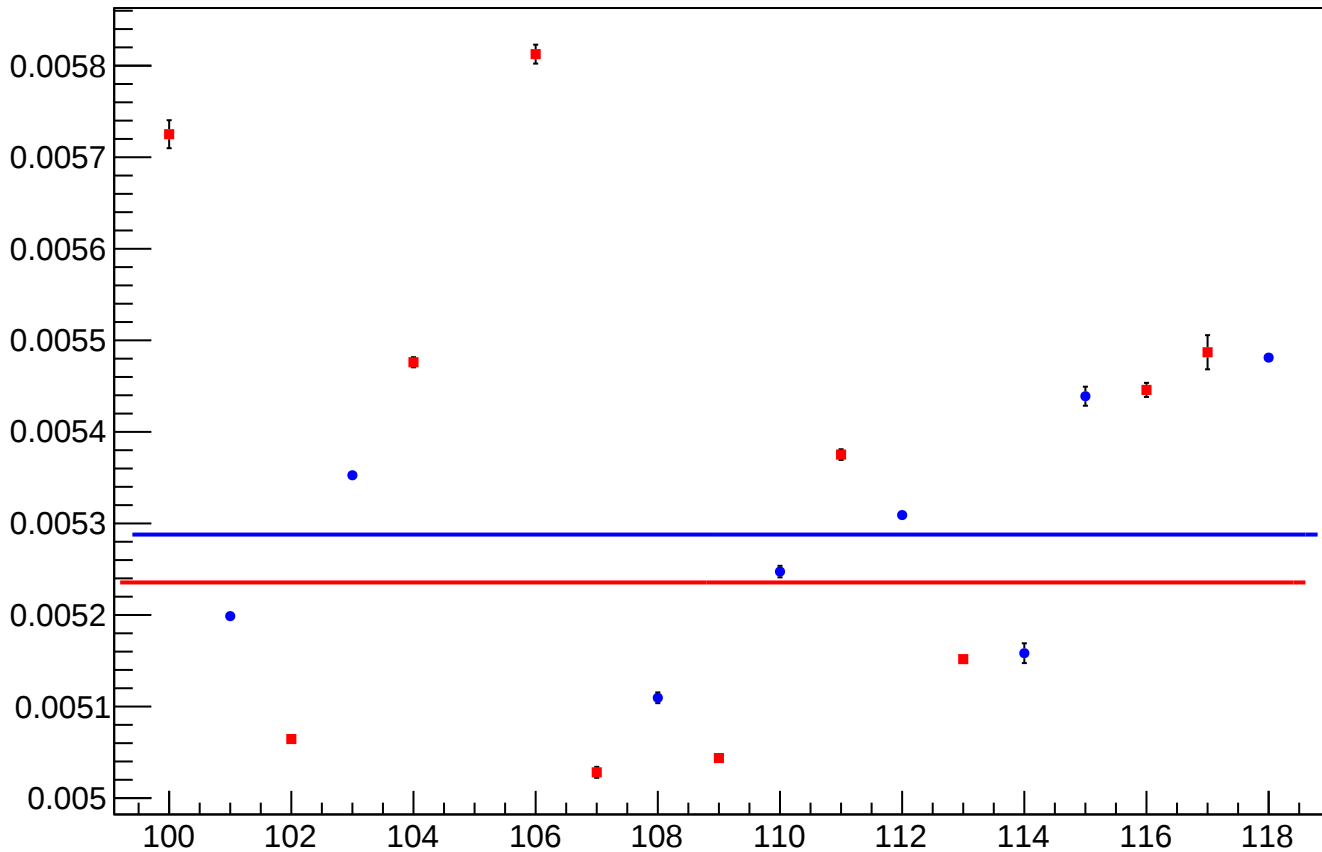
3.245+/-0.000 χ^2/NDF : 155986380908.6/7

Right Out: 3.351+/-0.000 χ^2/NDF : 166889601112.6/9

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

3.351+/-0.000 χ^2/NDF : 166889601112.6/9

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 3085.4/7

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

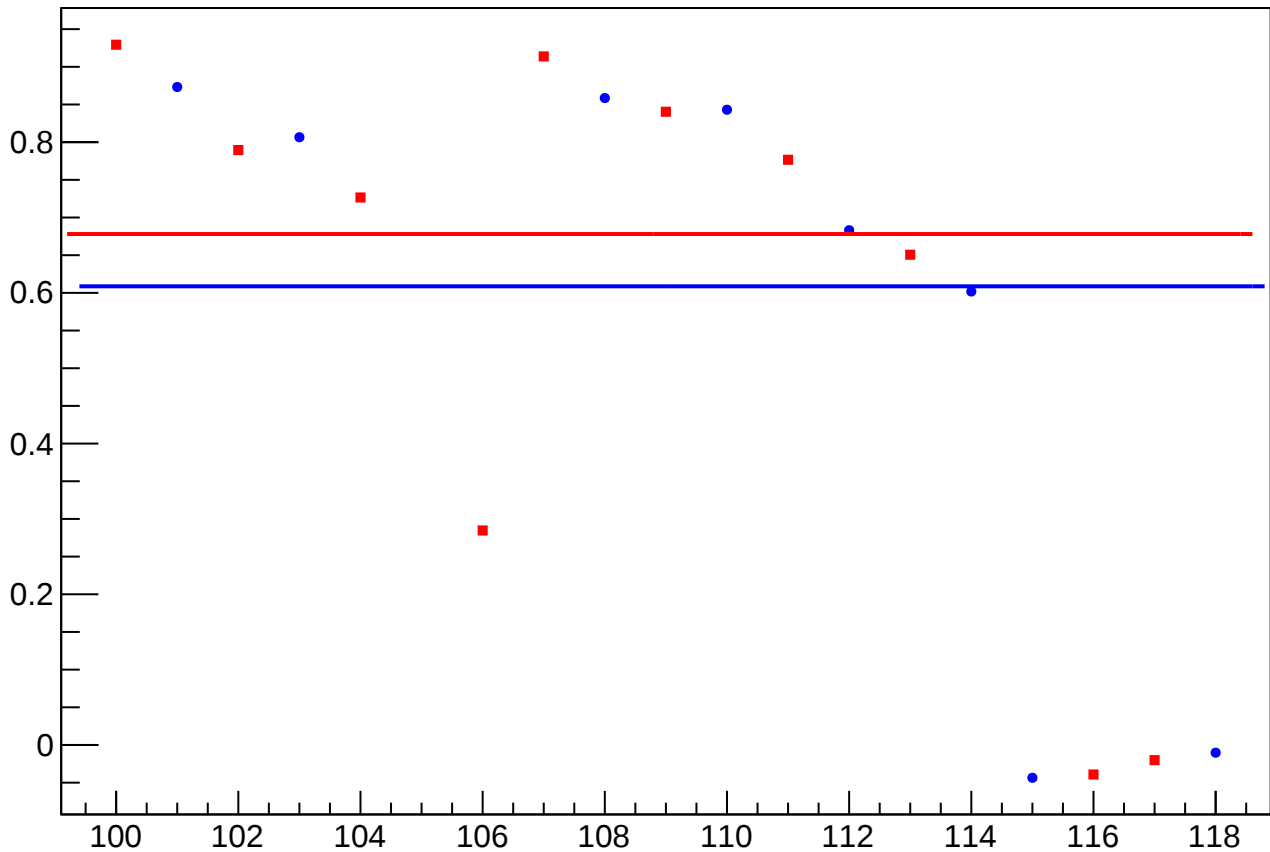
Right Out: 0.005+/-0.000 χ^2/NDF : 11715.9/9

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

0.005+/-0.000 χ^2/NDF : 3085.4/7

0.005+/-0.000 χ^2/NDF : 11715.9/9

yield_bpm1i06X_mean vs Slug



Right In: 0.609+/-0.000 χ^2/NDF : 1890915528.2/7

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

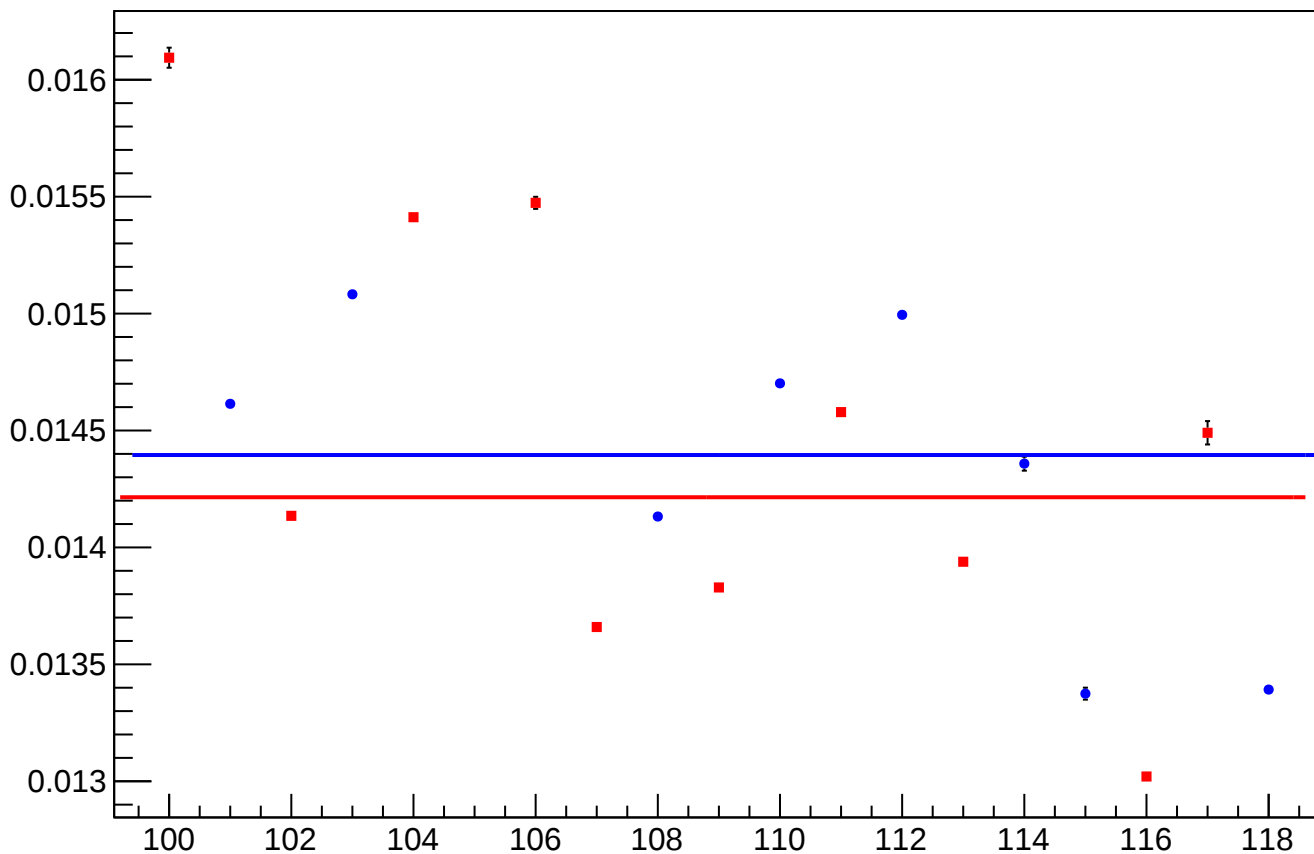
0.609+/-0.000 χ^2/NDF : 1890915528.2/7

Right Out: 0.678+/-0.000 χ^2/NDF : 1225188810.1/9

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

0.678+/-0.000 χ^2/NDF : 1225188810.1/9

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 11860.4/7

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

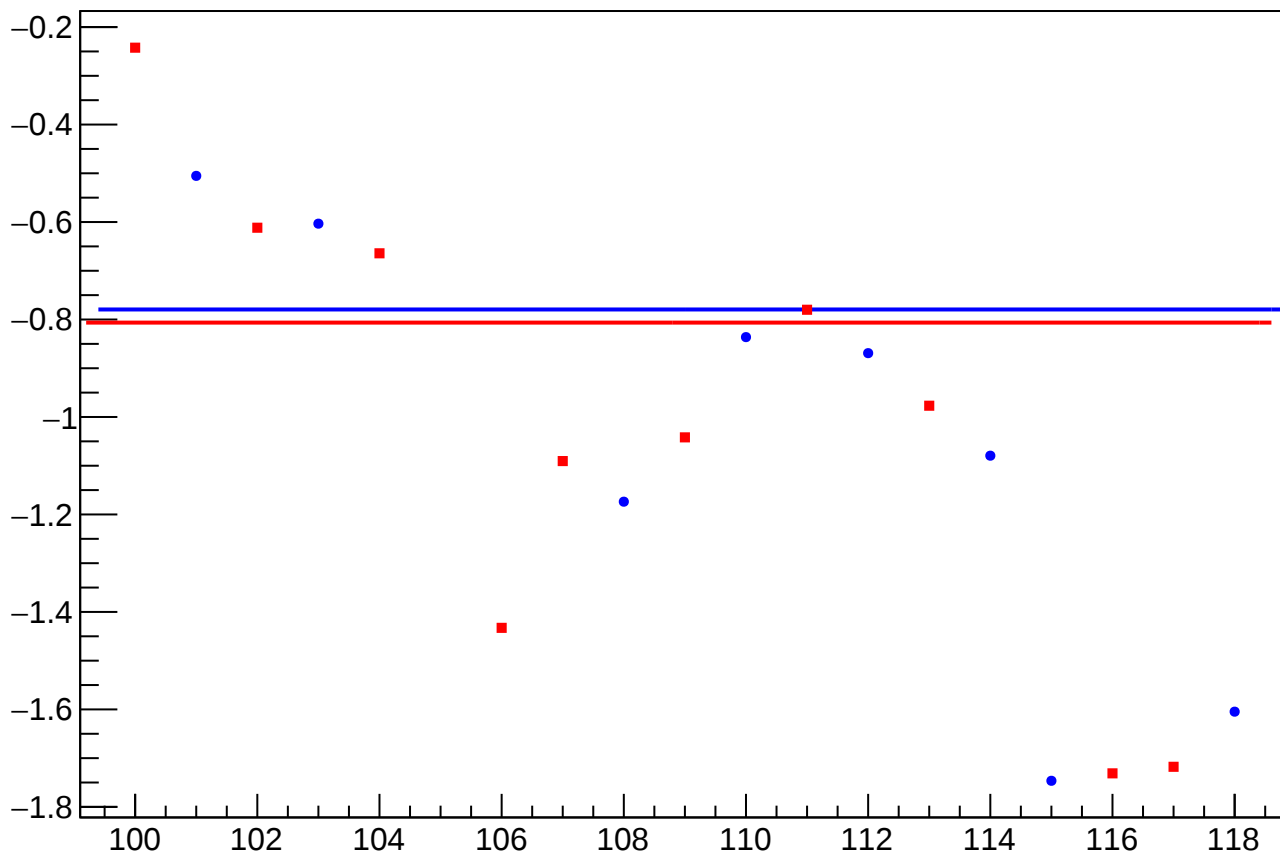
Right Out: 0.014+/-0.000 χ^2/NDF : 17329.4/9

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

0.014+/-0.000 χ^2/NDF : 11860.4/7

0.014+/-0.000 χ^2/NDF : 17329.4/9

yield_bpm1i06Y_mean vs Slug



Right In: -0.779+/-0.000 χ^2/NDF : 14667636341.9/7

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

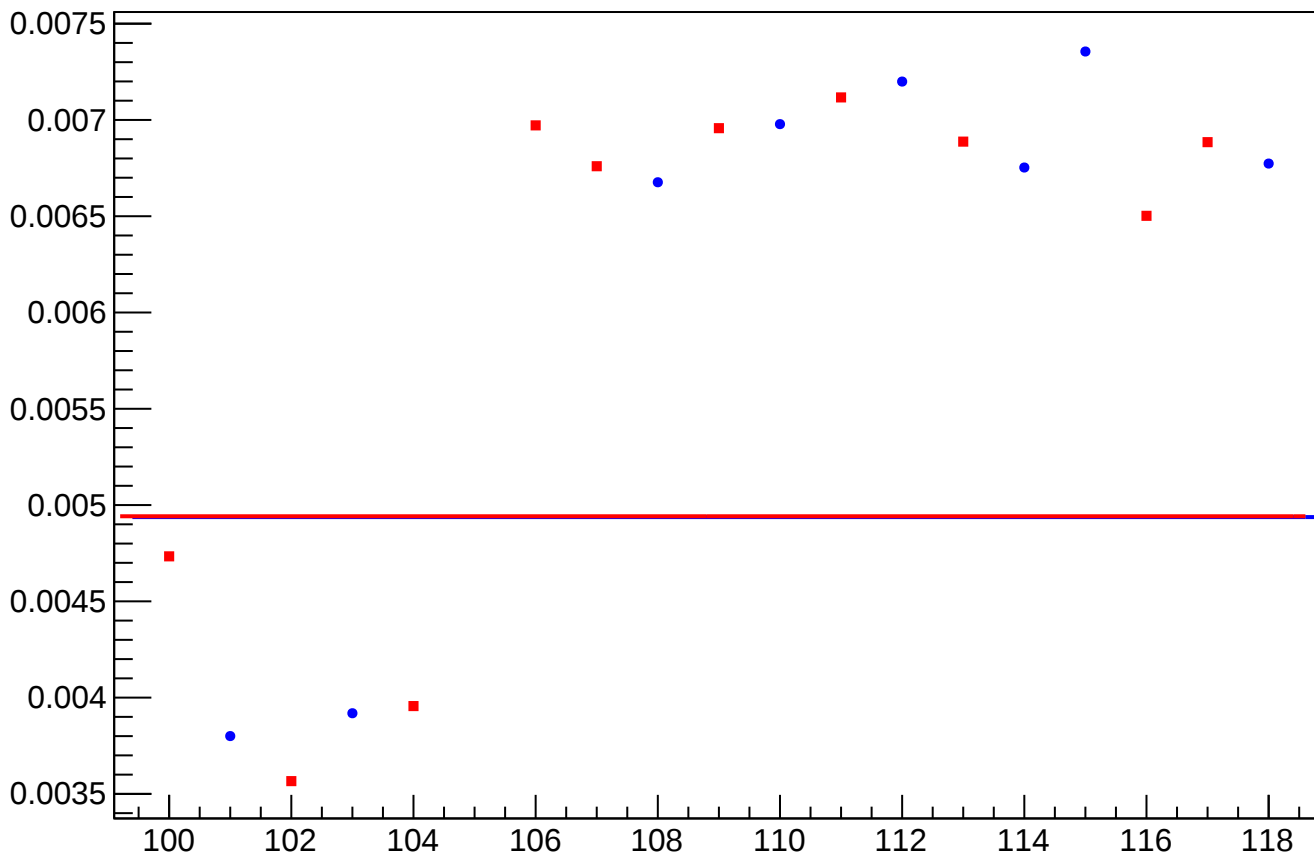
Right Out: -0.806+/-0.000 χ^2/NDF : 11169070161.5/9

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

-0.779+/-0.000 χ^2/NDF : 14667636341.9/7

-0.806+/-0.000 χ^2/NDF : 11169070161.5/9

yield_bpm1i06Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 469109.7/7

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

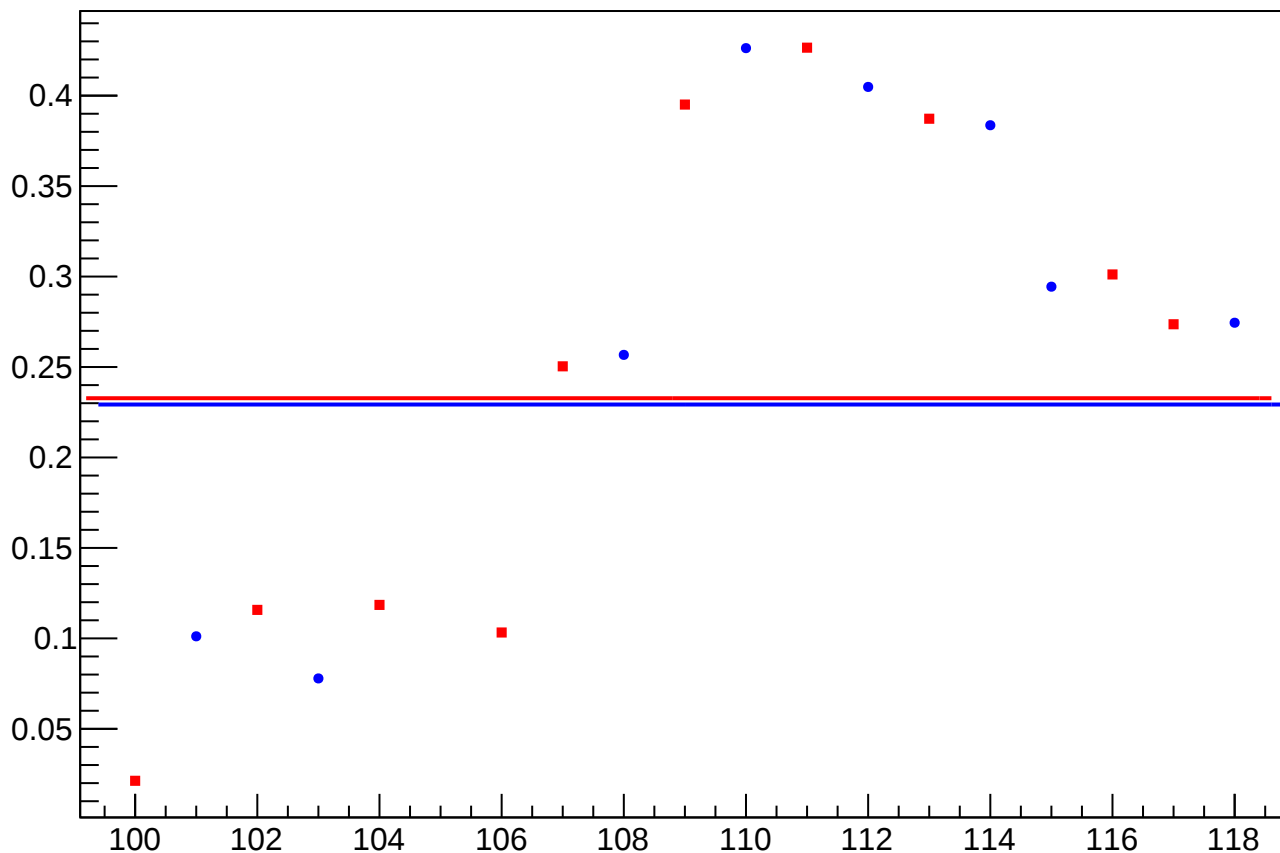
Right Out: 0.005+/-0.000 χ^2/NDF : 543492.8/9

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

0.005+/-0.000 χ^2/NDF : 469109.7/7

0.005+/-0.000 χ^2/NDF : 543492.8/9

yield_bpm2i01X_mean vs Slug



Right In: 0.229+/-0.000 χ^2/NDF : 17845217911.1/7

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

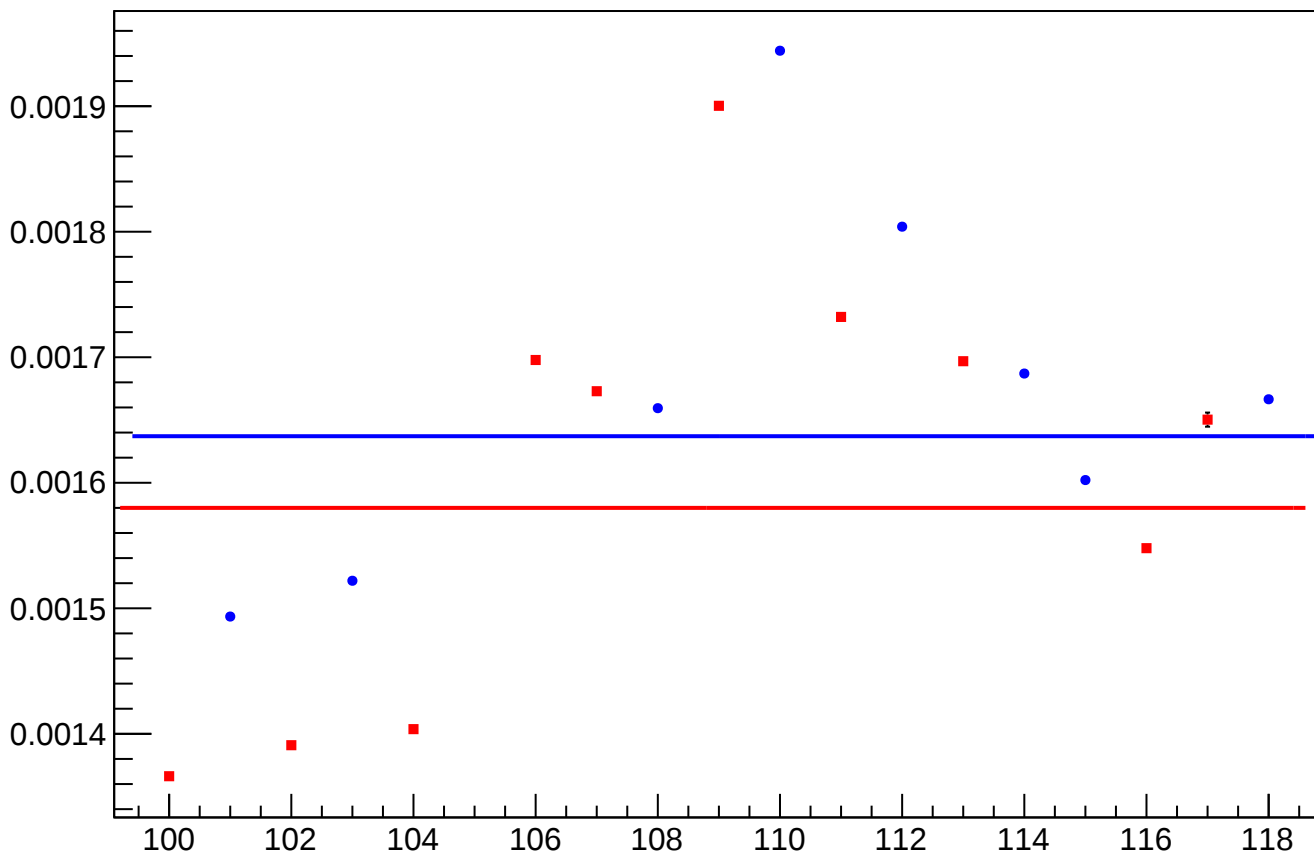
Right Out: 0.233+/-0.000 χ^2/NDF : 23130456889.7/9

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

0.229+/-0.000 χ^2/NDF : 17845217911.1/7

0.233+/-0.000 χ^2/NDF : 23130456889.7/9

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 39377.9/7

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

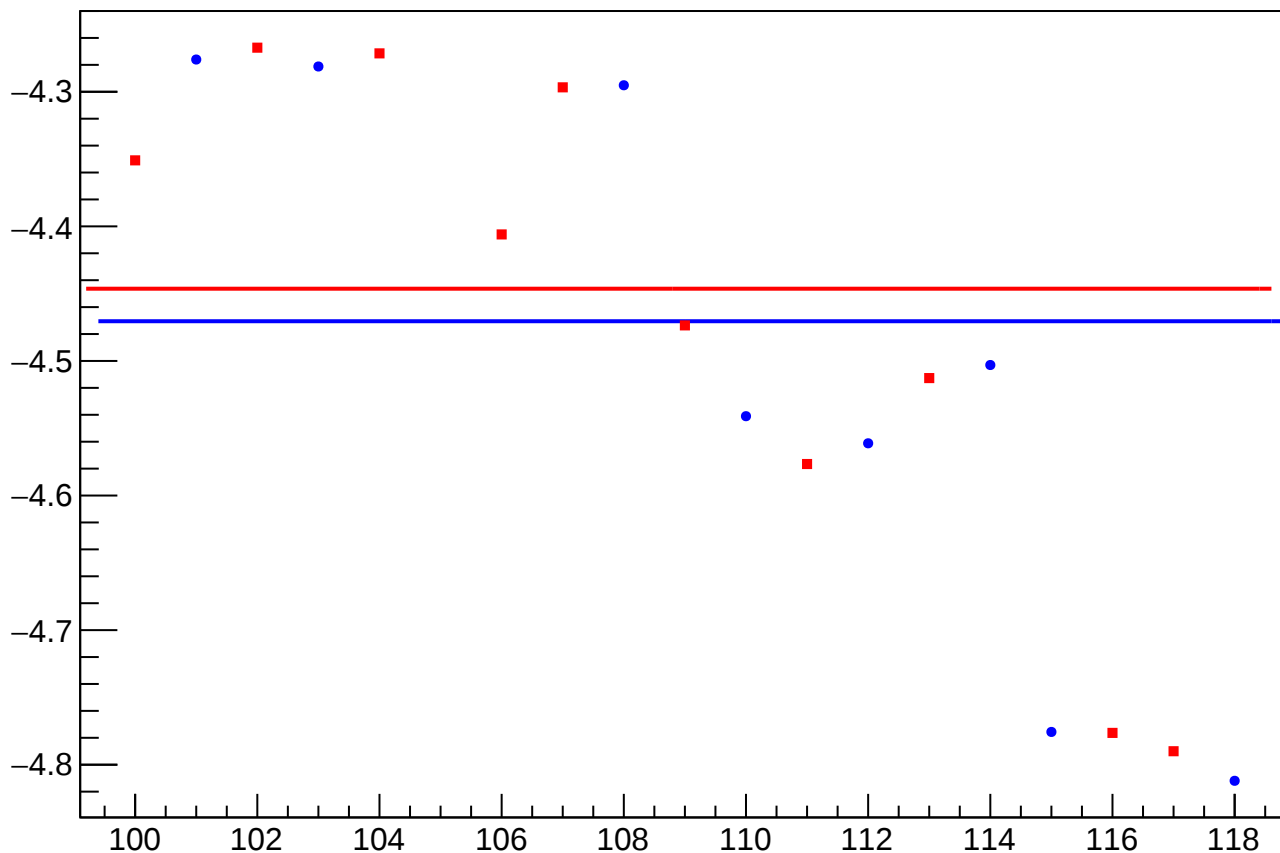
Right Out: 0.002+/-0.000 χ^2/NDF : 81644.4/9

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

0.002+/-0.000 χ^2/NDF : 39377.9/7

0.002+/-0.000 χ^2/NDF : 81644.4/9

yield_bpm2i01Y_mean vs Slug



Right In: -4.470+/-0.000 χ^2/NDF : 37653144030.2/7

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

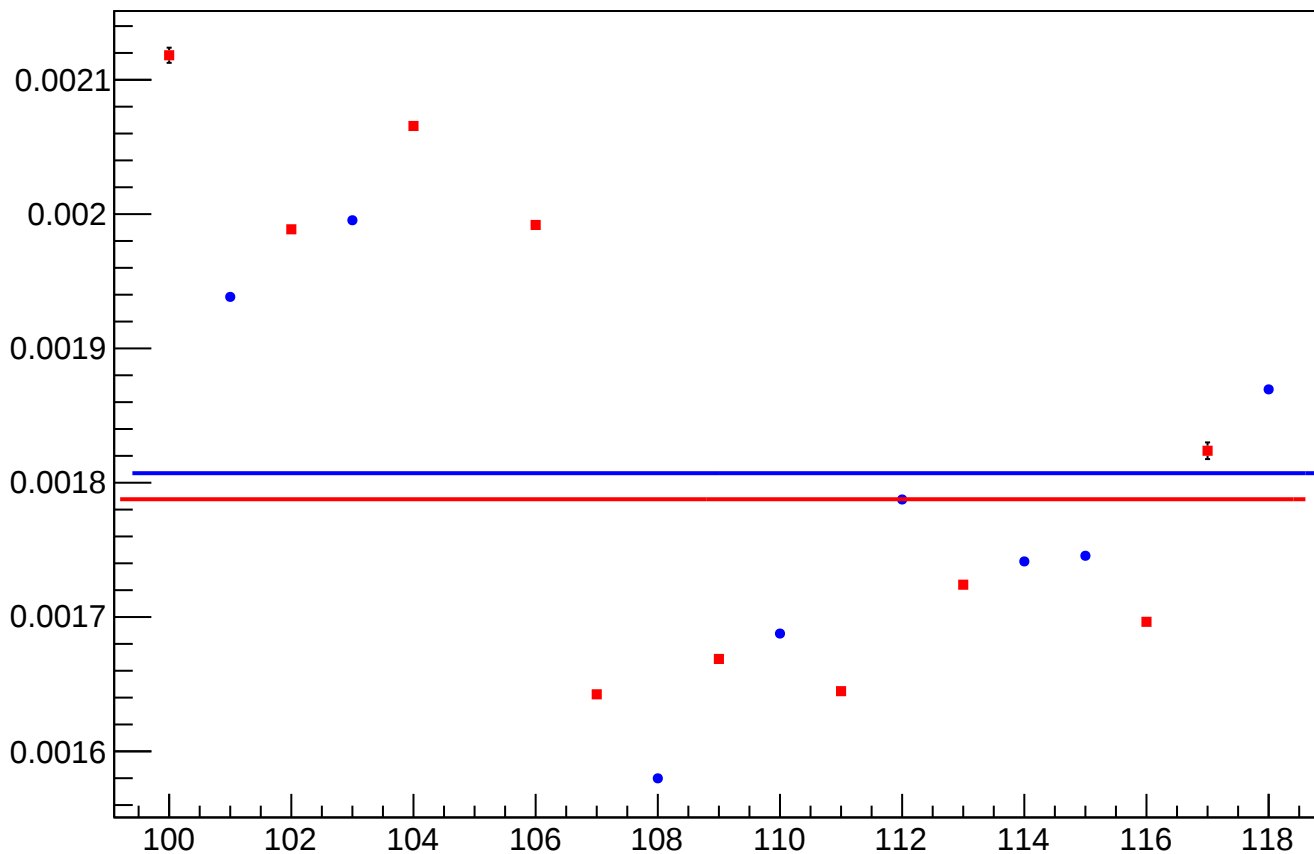
Right Out: -4.446+/-0.000 χ^2/NDF : 25539976484.1/9

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

-4.470+/-0.000 χ^2/NDF : 37653144030.2/7

-4.446+/-0.000 χ^2/NDF : 25539976484.1/9

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 36006.9/7

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

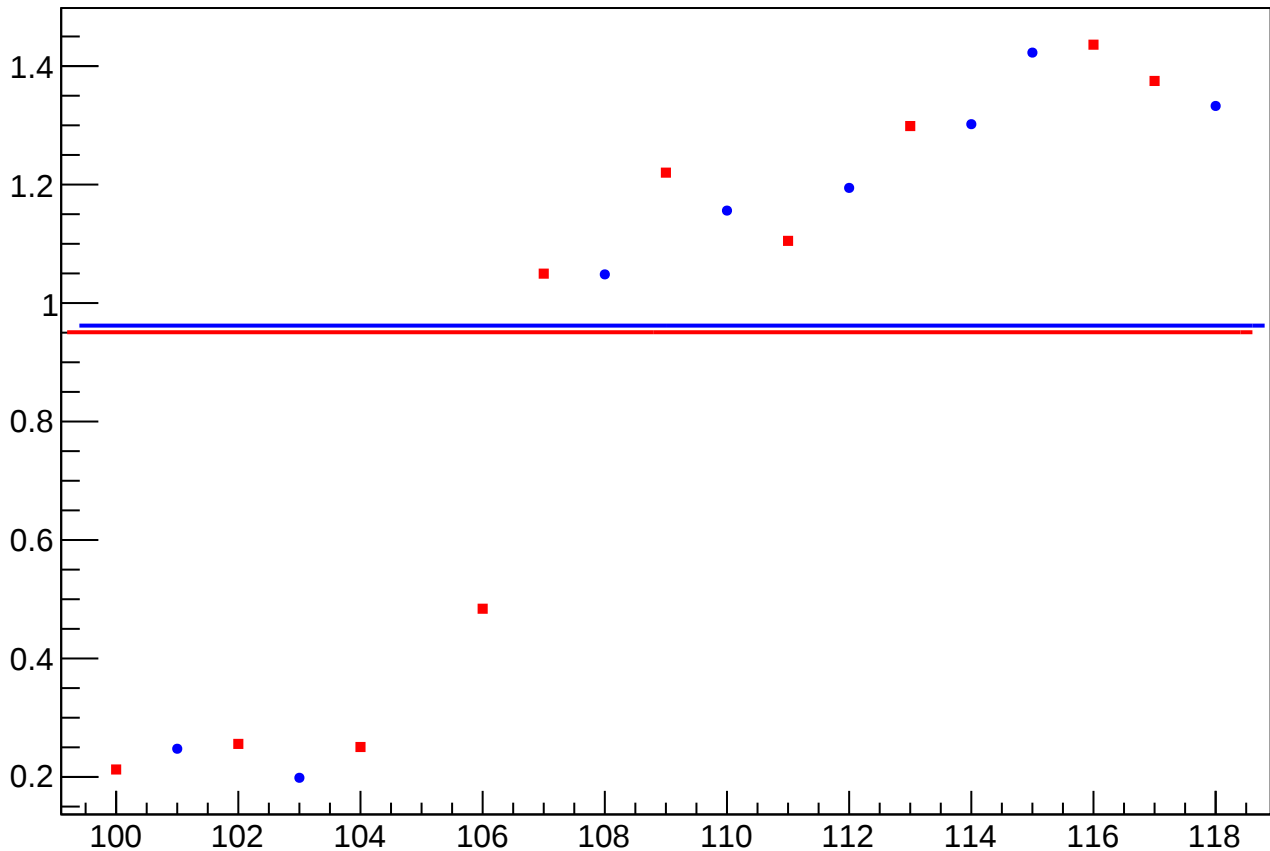
Right Out: 0.002+/-0.000 χ^2/NDF : 57729.5/9

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

0.002+/-0.000 χ^2/NDF : 36006.9/7

0.002+/-0.000 χ^2/NDF : 57729.5/9

yield_bpm2i02X_mean vs Slug



Right In: 0.962+/-0.000 χ^2/NDF : 11228633717.3/7

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

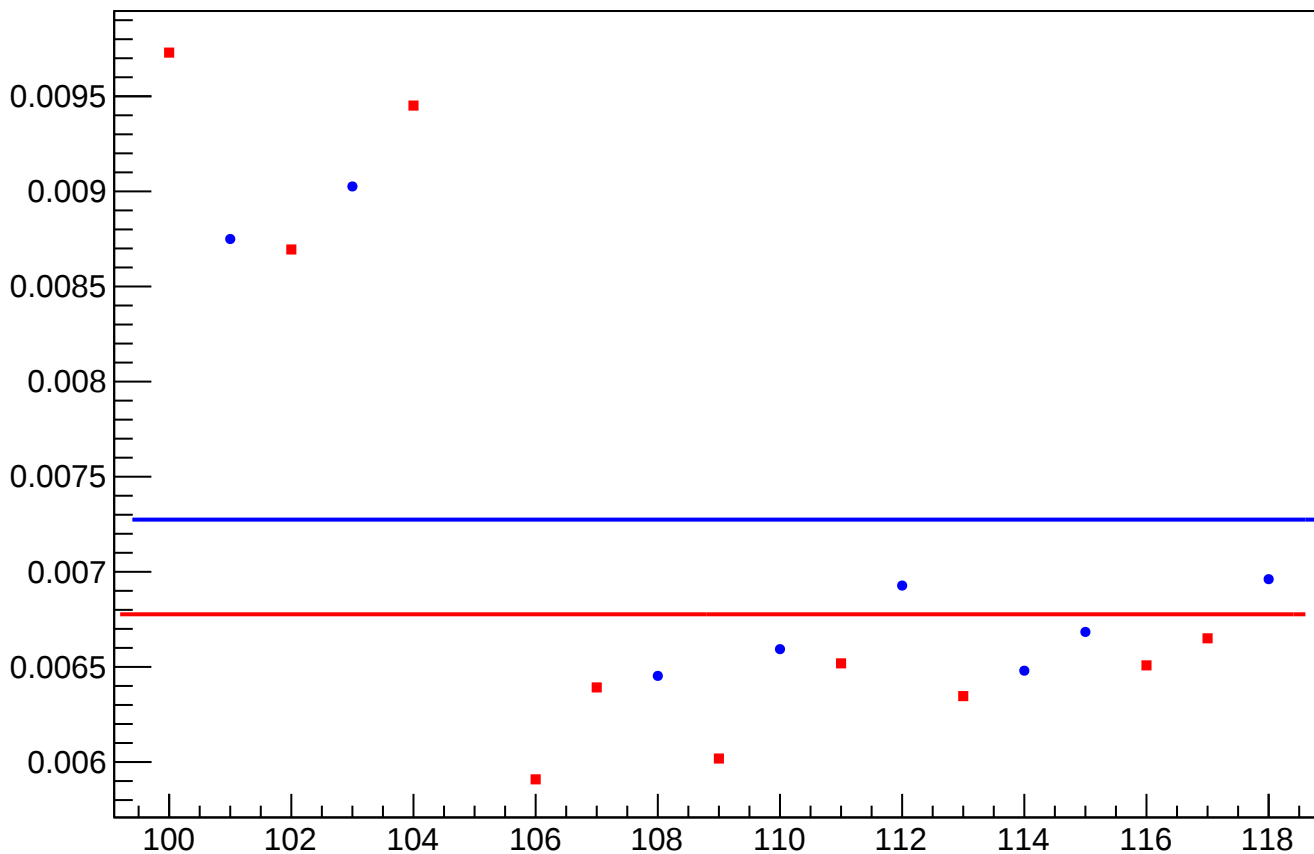
0.962+/-0.000 χ^2/NDF : 11228633717.3/7

Right Out: 0.951+/-0.000 χ^2/NDF : 12761191193.8/9

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

0.951+/-0.000 χ^2/NDF : 12761191193.8/9

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 105436.8/7

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

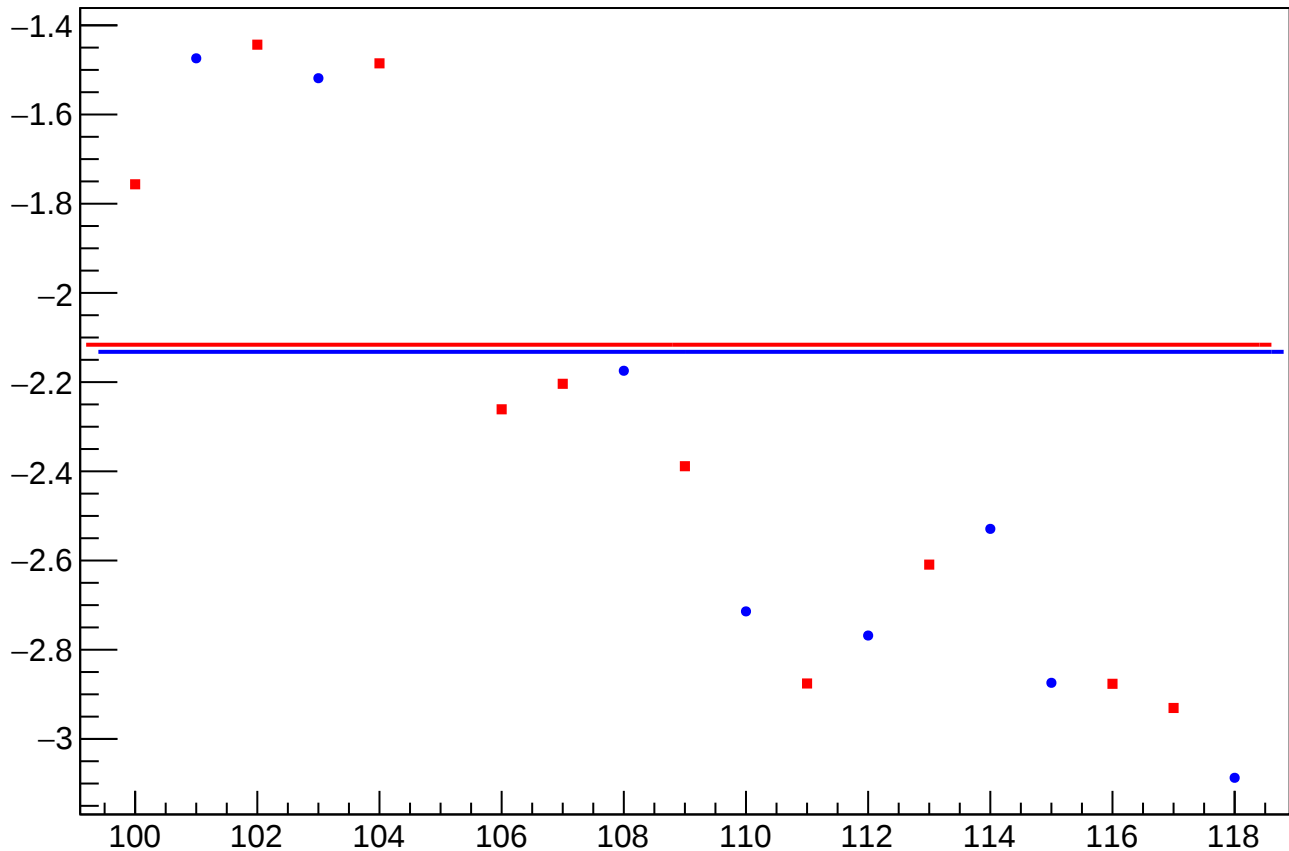
Right Out: 0.007+/-0.000 χ^2/NDF : 183157.3/9

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

0.007+/-0.000 χ^2/NDF : 105436.8/7

0.007+/-0.000 χ^2/NDF : 183157.3/9

yield_bpm2i02Y_mean vs Slug



Right In: -2.132+/-0.000 χ^2/NDF : 31867657978.0/7

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

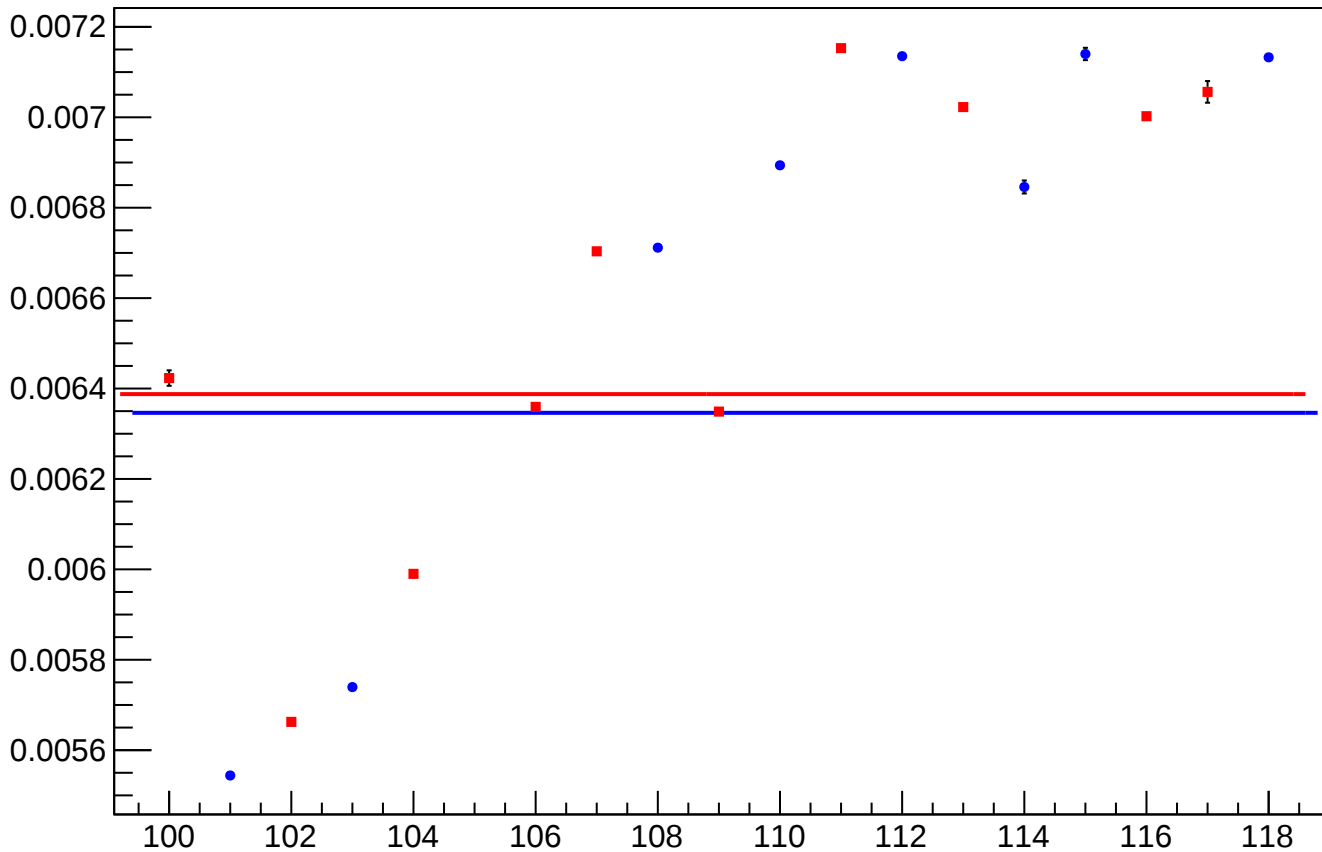
Right Out: -2.116+/-0.000 χ^2/NDF : 25123345467.9/9

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

-2.132+/-0.000 χ^2/NDF : 31867657978.0/7

-2.116+/-0.000 χ^2/NDF : 25123345467.9/9

yield_bpm2i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 72269.6/7

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

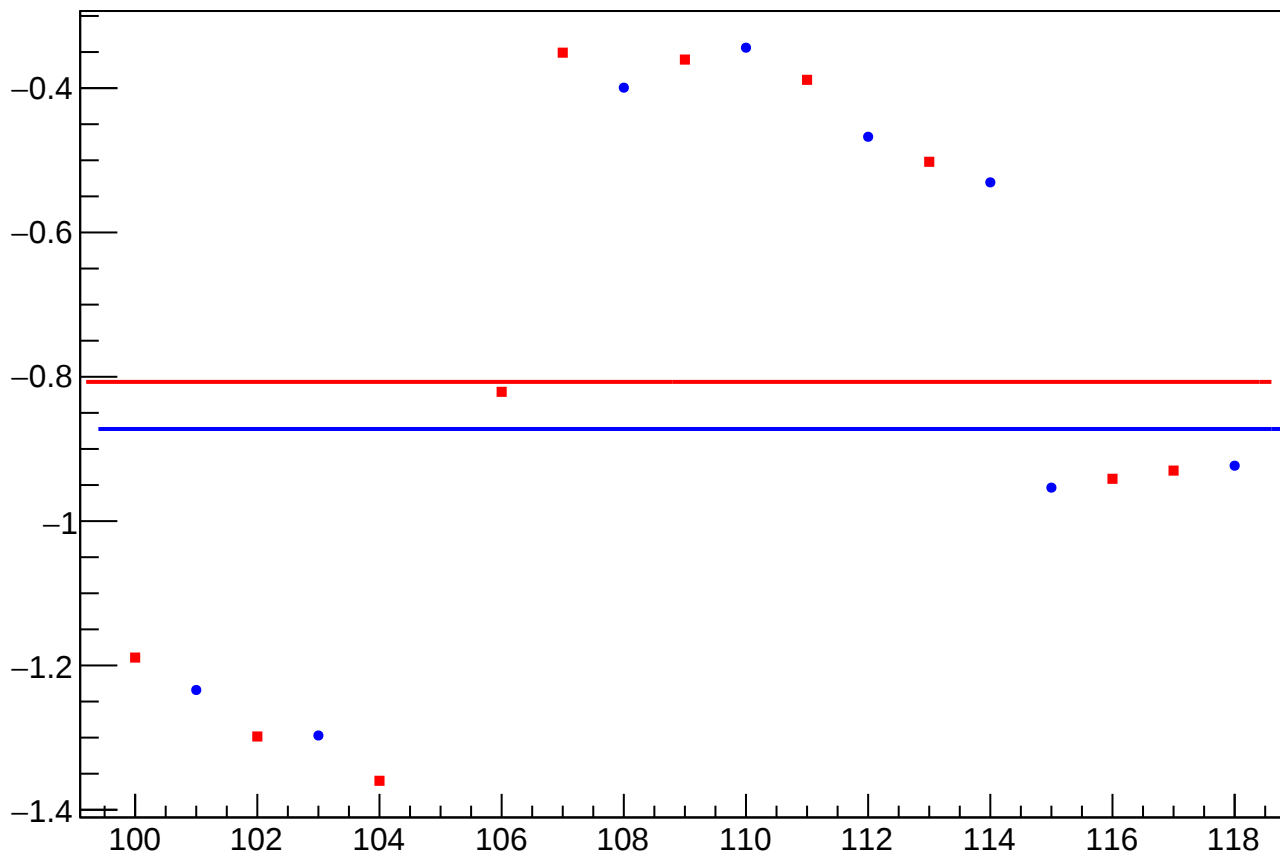
Right Out: 0.006+/-0.000 χ^2/NDF : 45671.7/9

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

0.006+/-0.000 χ^2/NDF : 72269.6/7

0.006+/-0.000 χ^2/NDF : 45671.7/9

yield_bpm0i01X_mean vs Slug



Right In: -0.872+/-0.000 χ^2/NDF : 3835967629.7/7

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

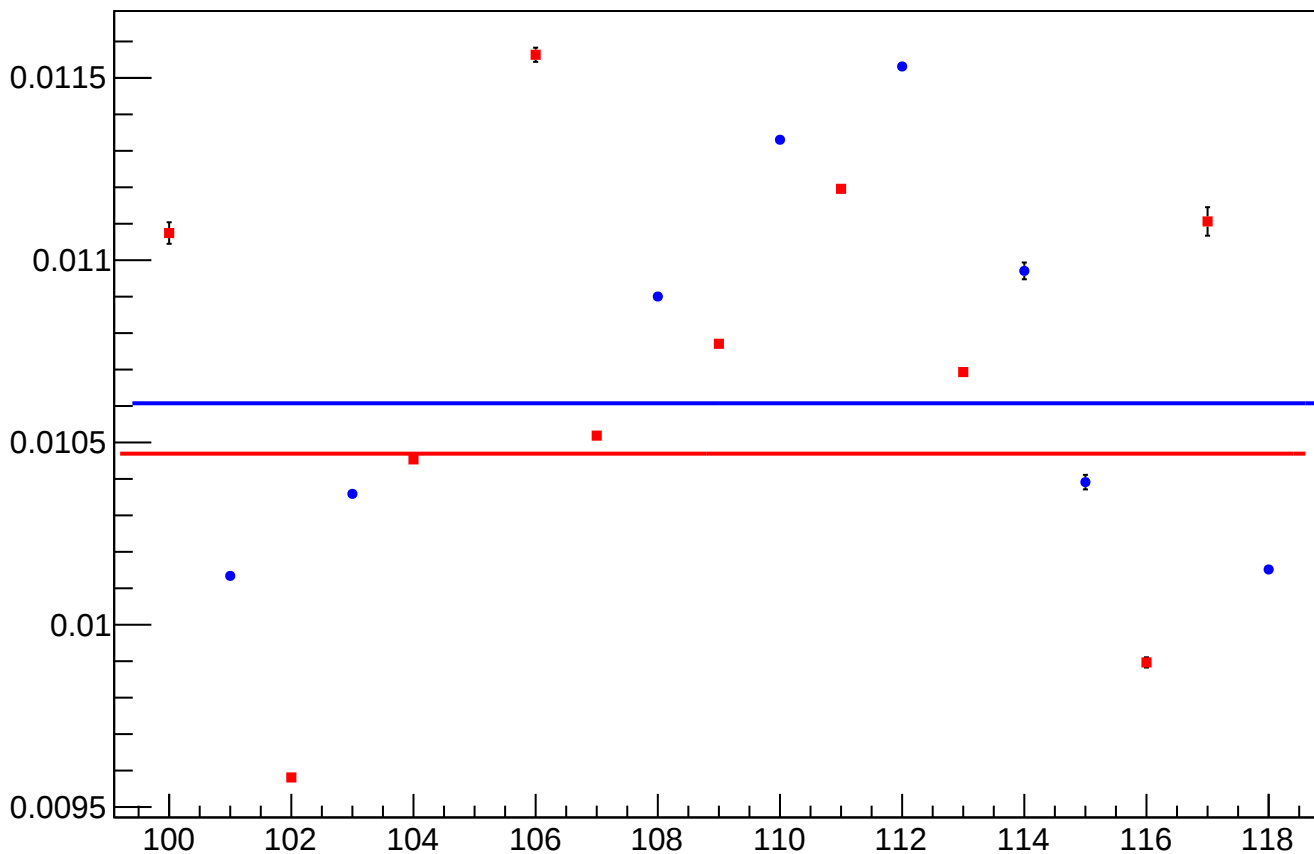
Right Out: -0.807+/-0.000 χ^2/NDF : 5429582765.9/9

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

-0.872+/-0.000 χ^2/NDF : 3835967629.7/7

-0.807+/-0.000 χ^2/NDF : 5429582765.9/9

yield_bpm0i01X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 14936.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

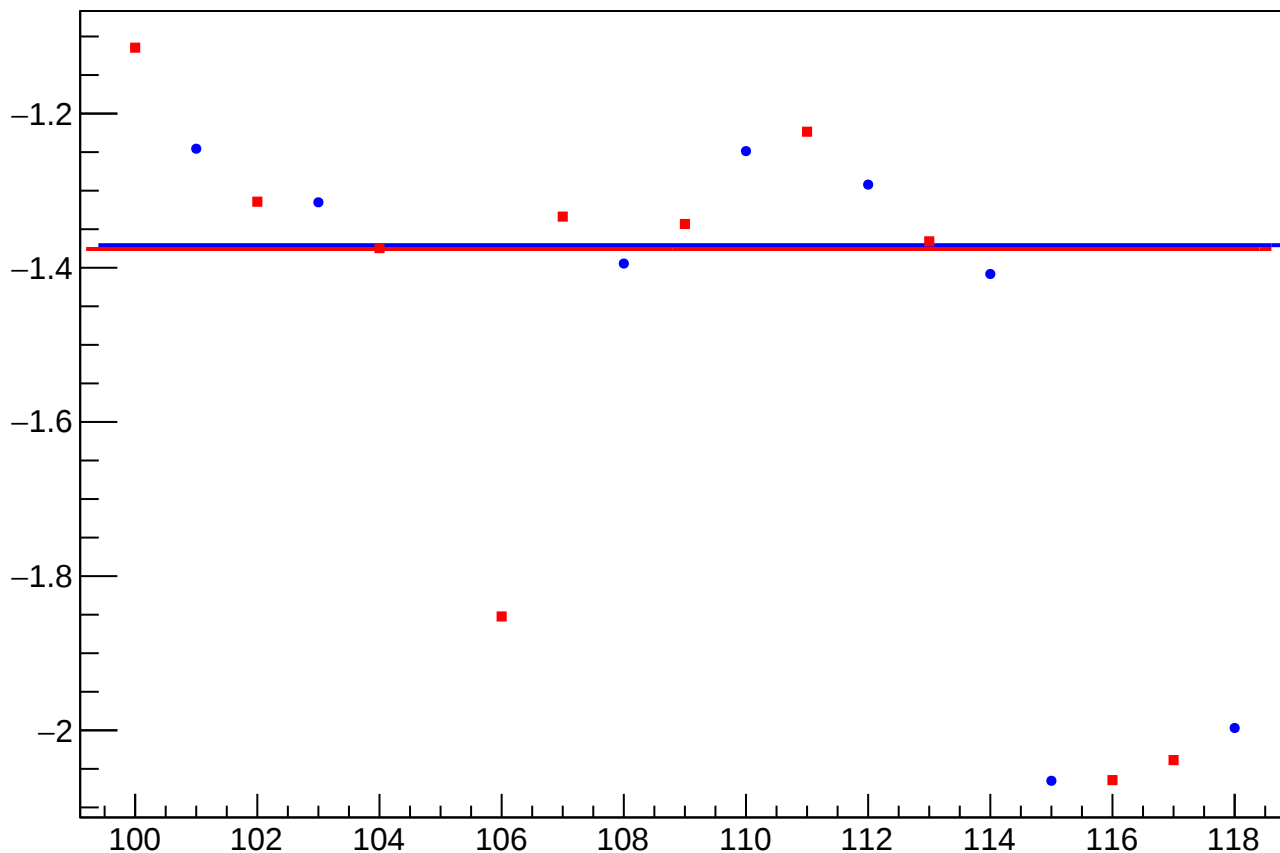
Right Out: 0.010+/-0.000 χ^2/NDF : 19679.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 14936.2/7

0.010+/-0.000 χ^2/NDF : 19679.4/9

yield_bpm0i01Y_mean vs Slug



Right In: -1.371+/-0.000 χ^2/NDF : 28149499462.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

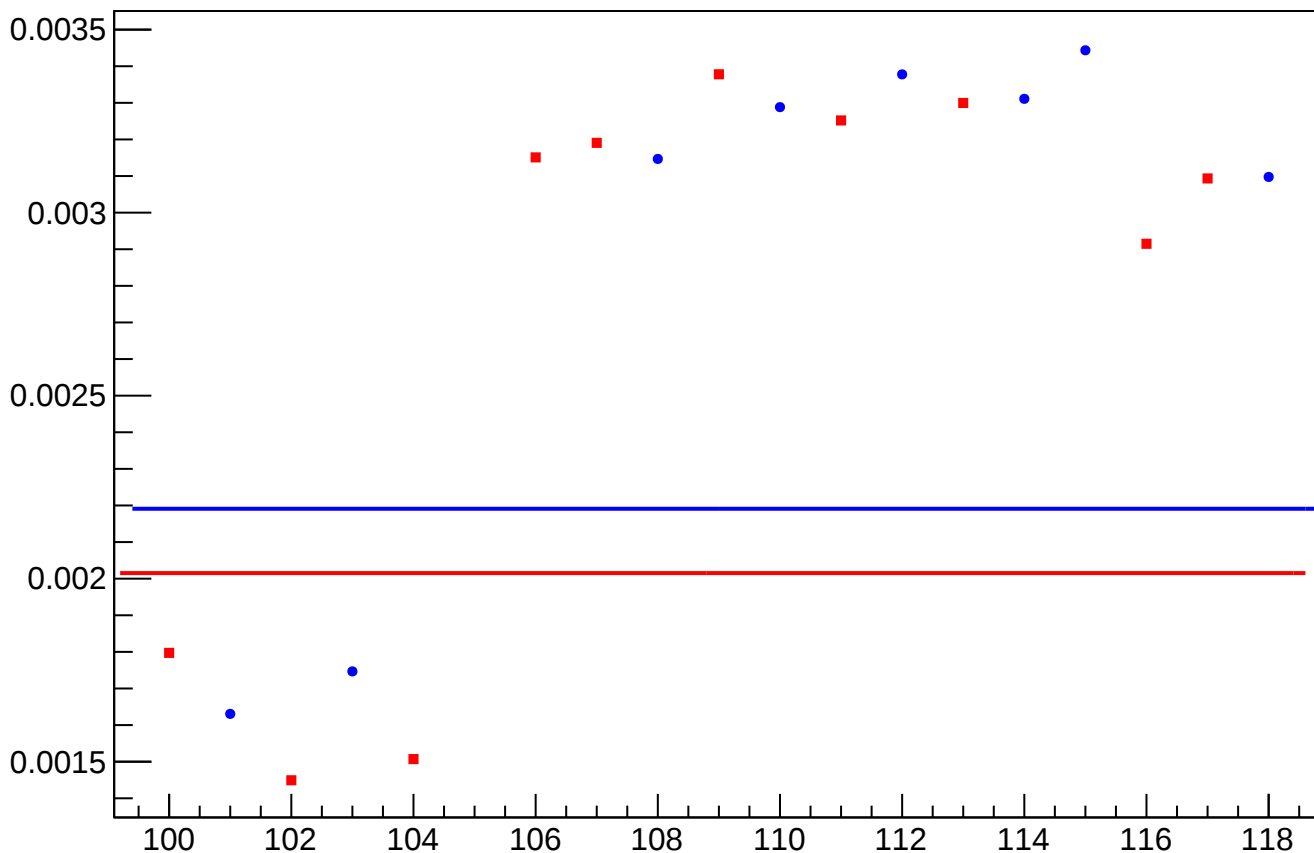
Right Out: -1.376+/-0.000 χ^2/NDF : 21201723221.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.371+/-0.000 χ^2/NDF : 28149499462.7/7

-1.376+/-0.000 χ^2/NDF : 21201723221.4/9

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 556017.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

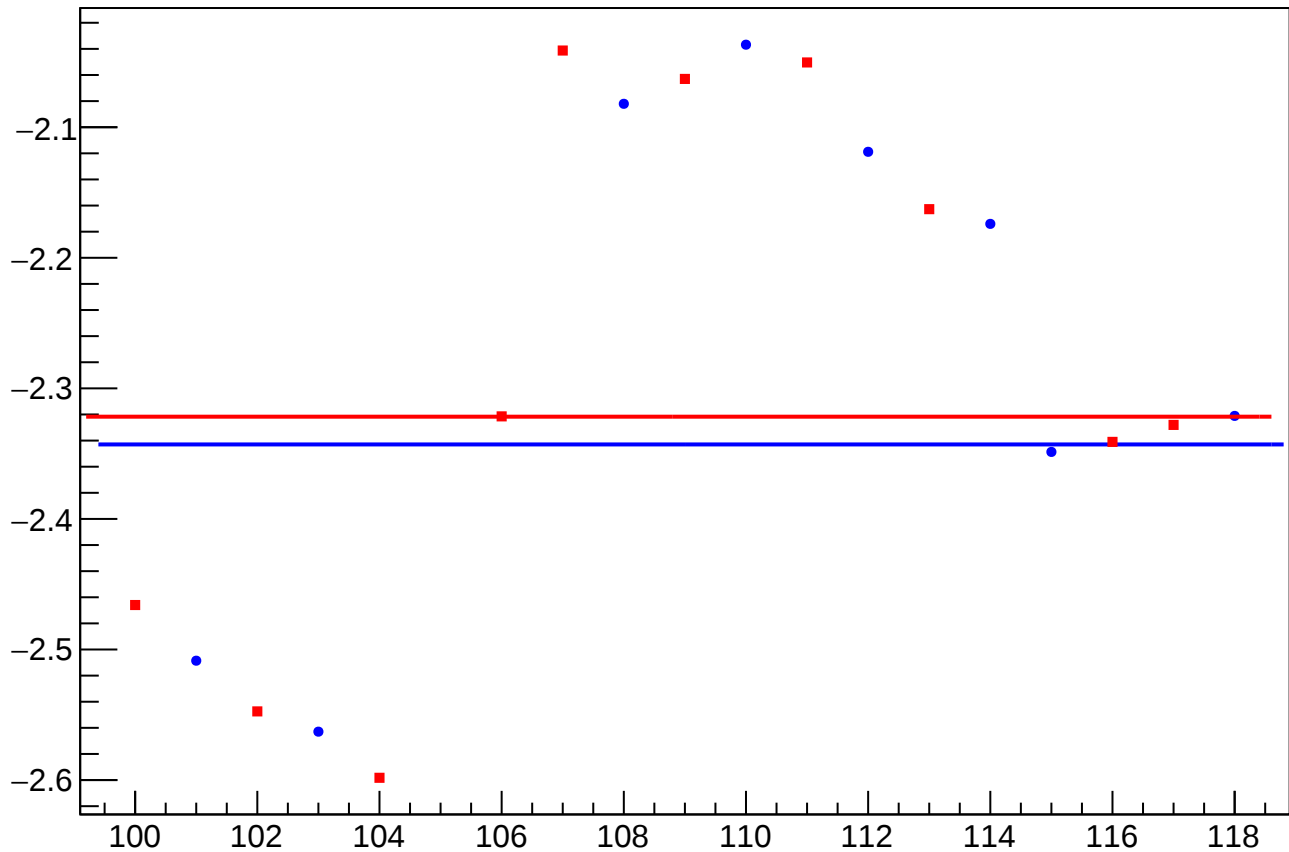
Right Out: 0.002+/-0.000 χ^2/NDF : 824347.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 556017.0/7

0.002+/-0.000 χ^2/NDF : 824347.6/9

yield_bpm0i01aX_mean vs Slug



Right In: -2.343+/-0.000 χ^2/NDF : 2933462755.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

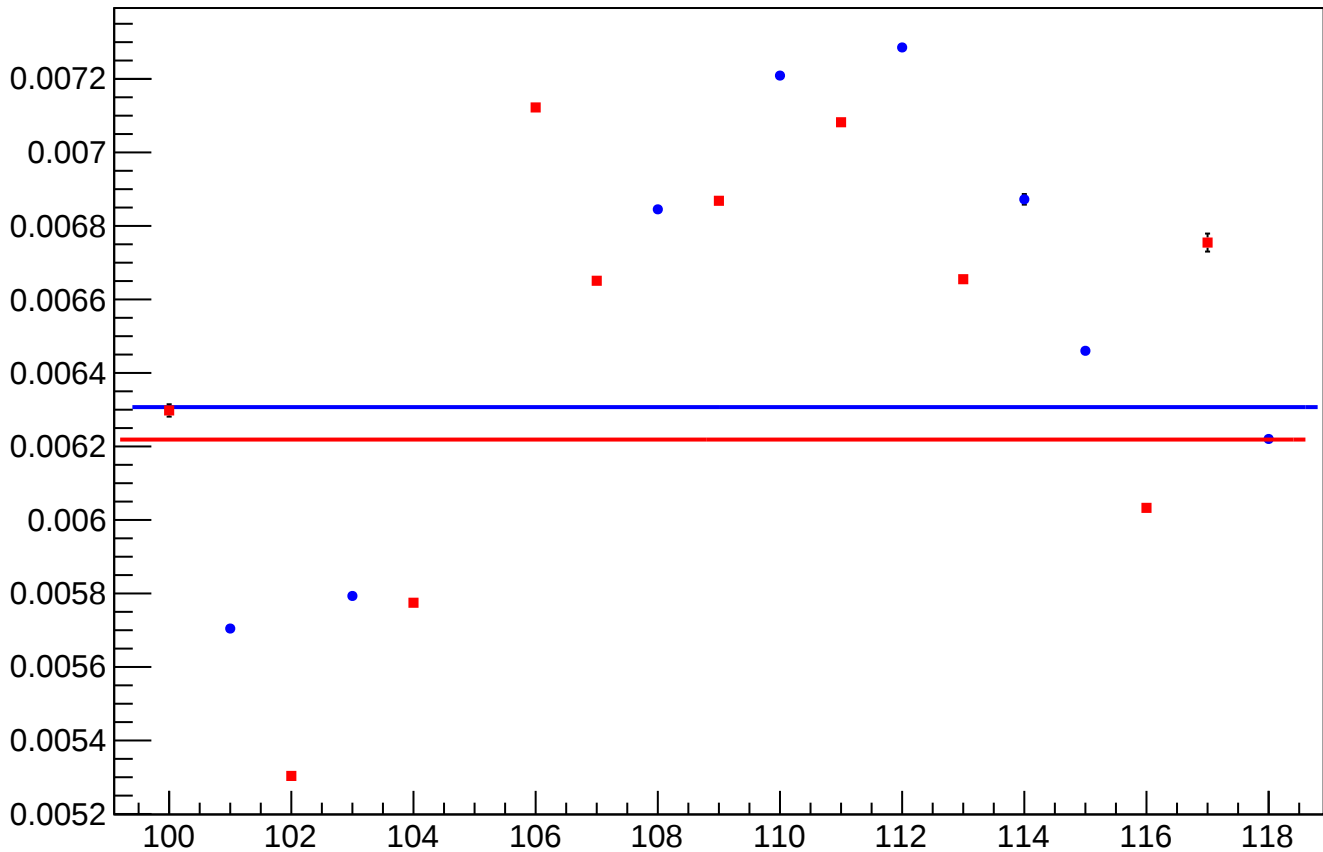
Right Out: -2.322+/-0.000 χ^2/NDF : 4337846020.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.343+/-0.000 χ^2/NDF : 2933462755.0/7

-2.322+/-0.000 χ^2/NDF : 4337846020.6/9

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 55260.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

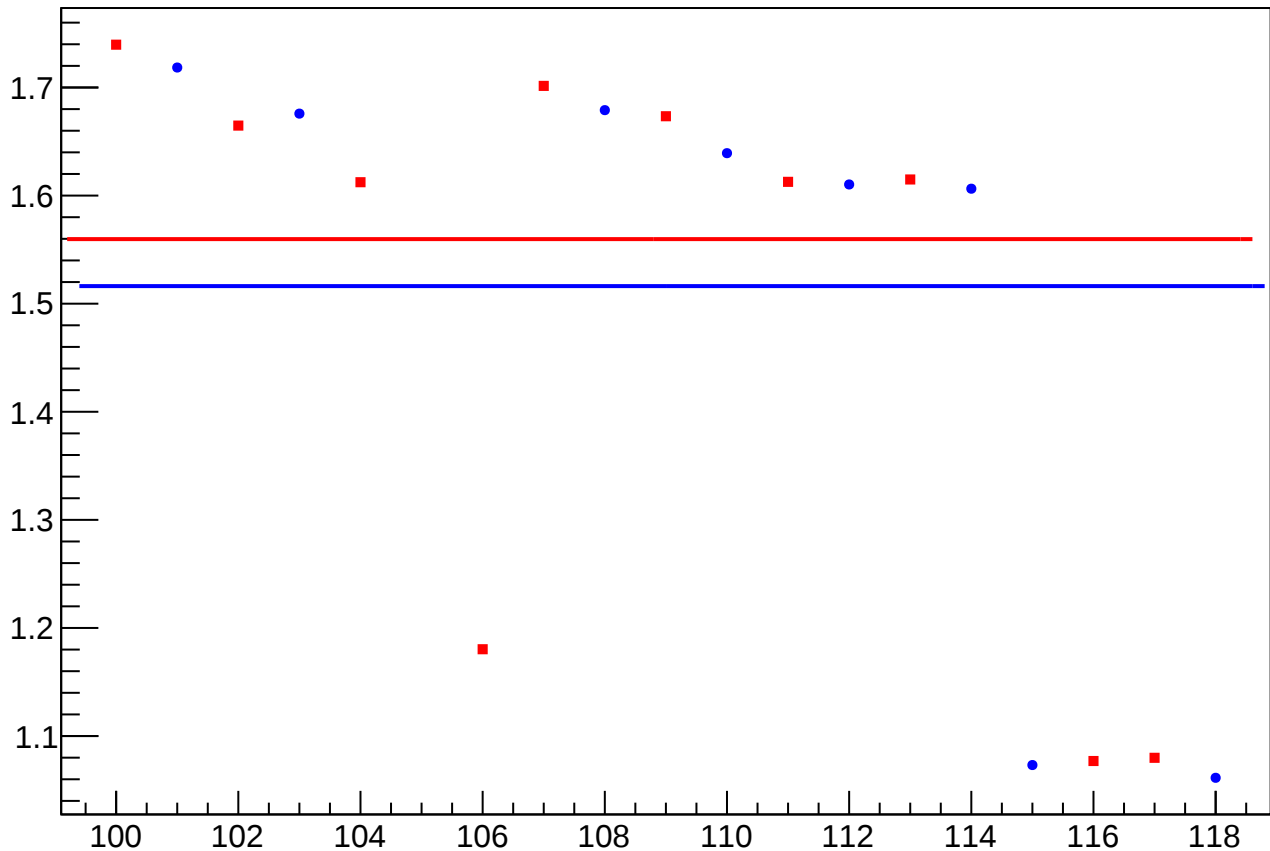
Right Out: 0.006+/-0.000 χ^2/NDF : 72887.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 55260.1/7

0.006+/-0.000 χ^2/NDF : 72887.0/9

yield_bpm0i01aY_mean vs Slug



Right In: 1.516+/-0.000 χ^2/NDF : 43798074206.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

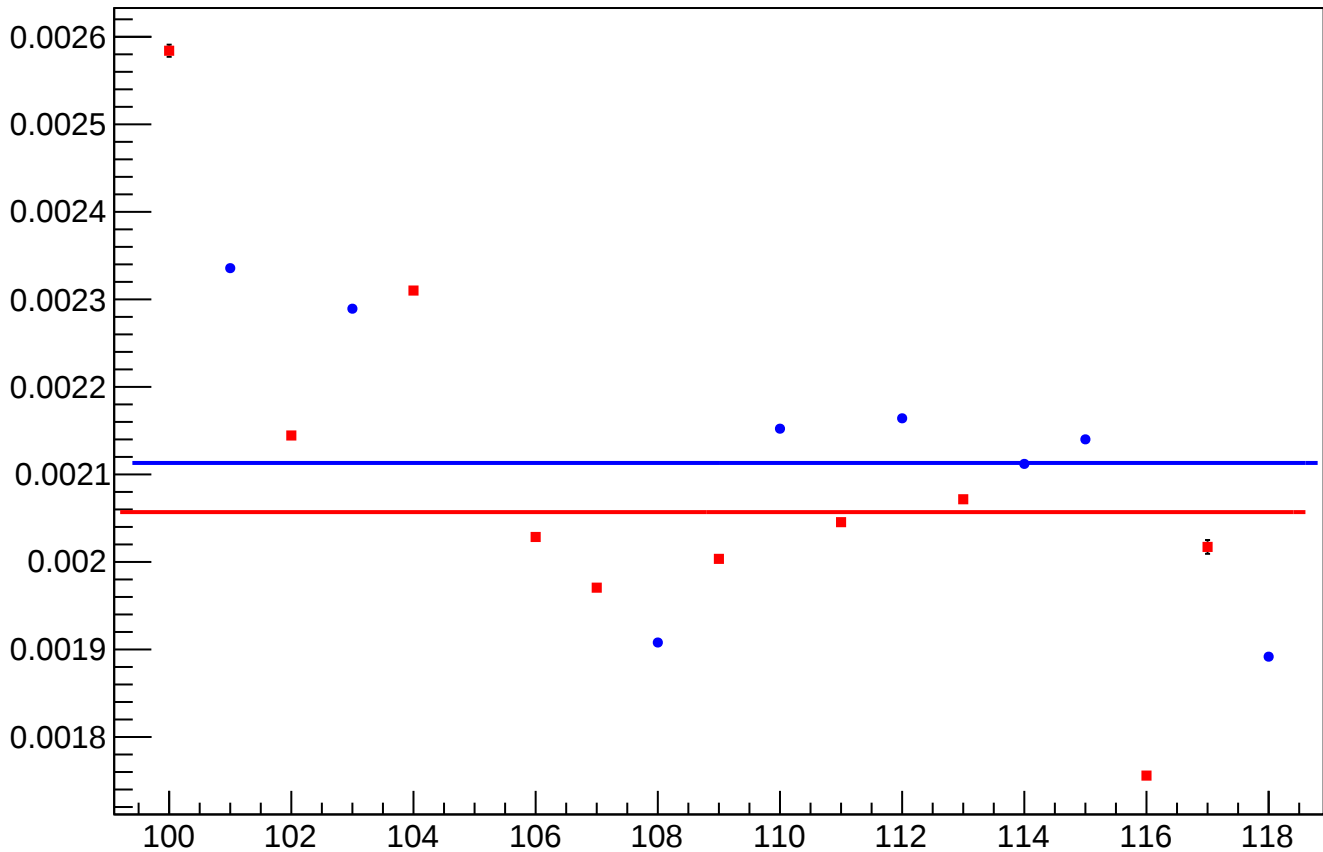
Right Out: 1.560+/-0.000 χ^2/NDF : 30716224082.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.516+/-0.000 χ^2/NDF : 43798074206.6/7

1.560+/-0.000 χ^2/NDF : 30716224082.1/9

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 38139.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

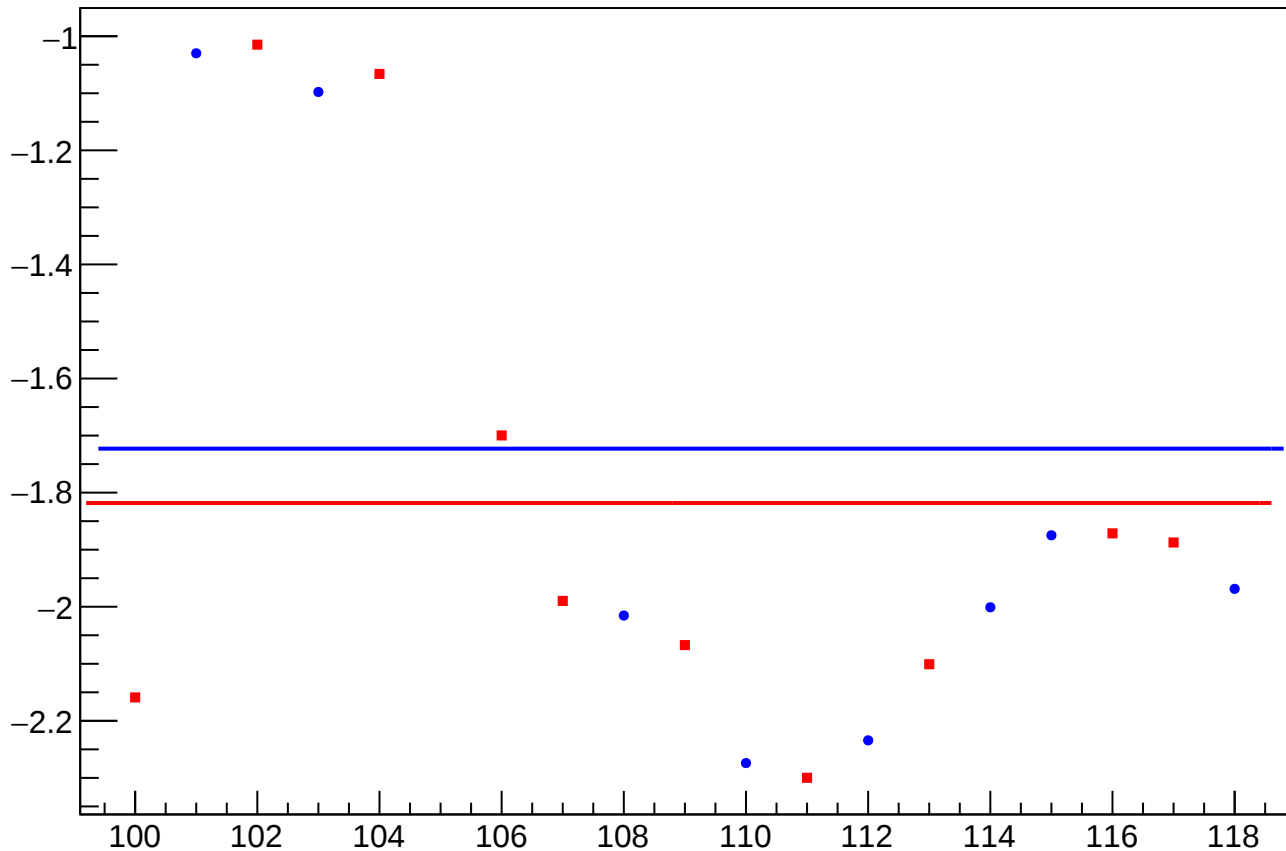
Right Out: 0.002+/-0.000 χ^2/NDF : 35375.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 38139.9/7

0.002+/-0.000 χ^2/NDF : 35375.8/9

yield_bpm0l01X_mean vs Slug



Right In: -1.723+/-0.000 χ^2/NDF : 15327329854.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

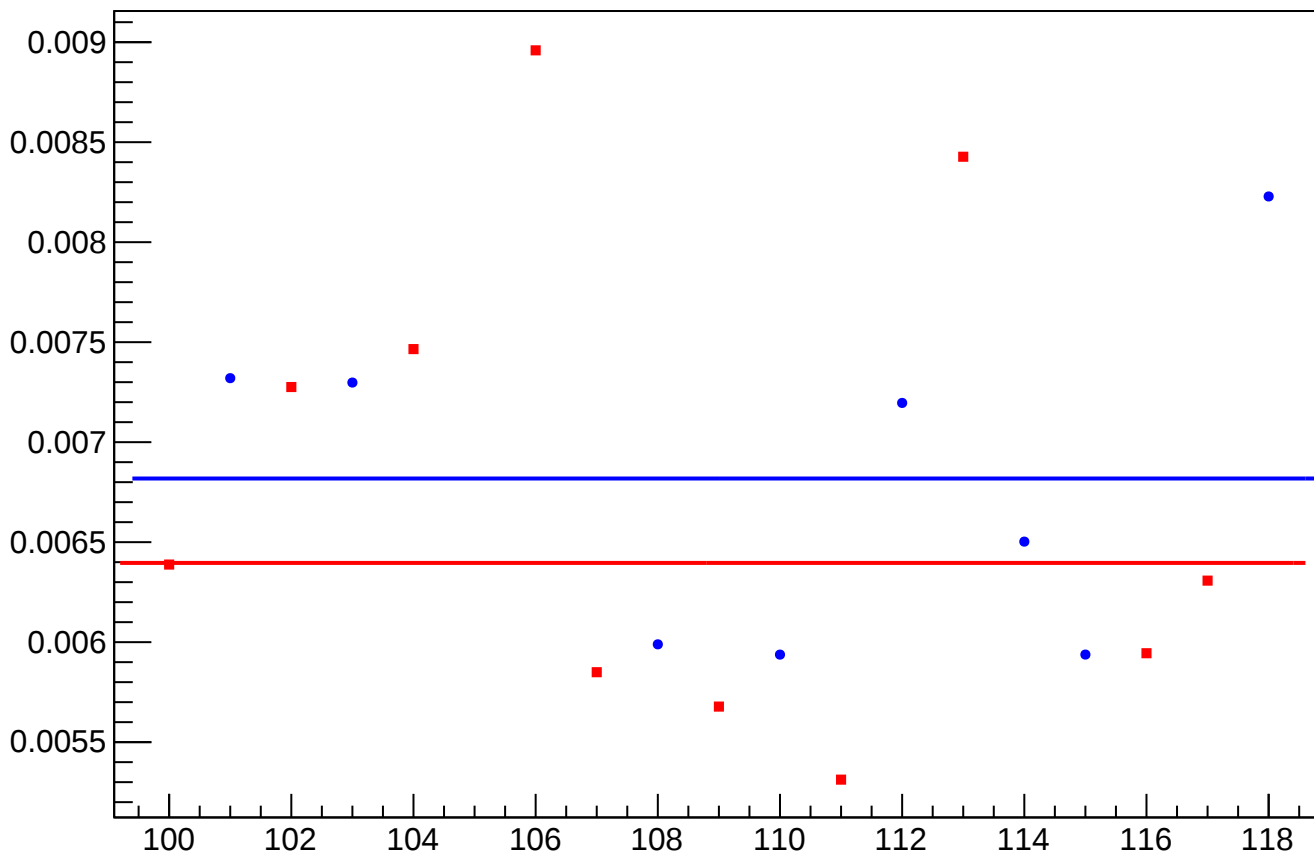
Right Out: -1.818+/-0.000 χ^2/NDF : 16838426082.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.723+/-0.000 χ^2/NDF : 15327329854.2/7

-1.818+/-0.000 χ^2/NDF : 16838426082.9/9

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 67272.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

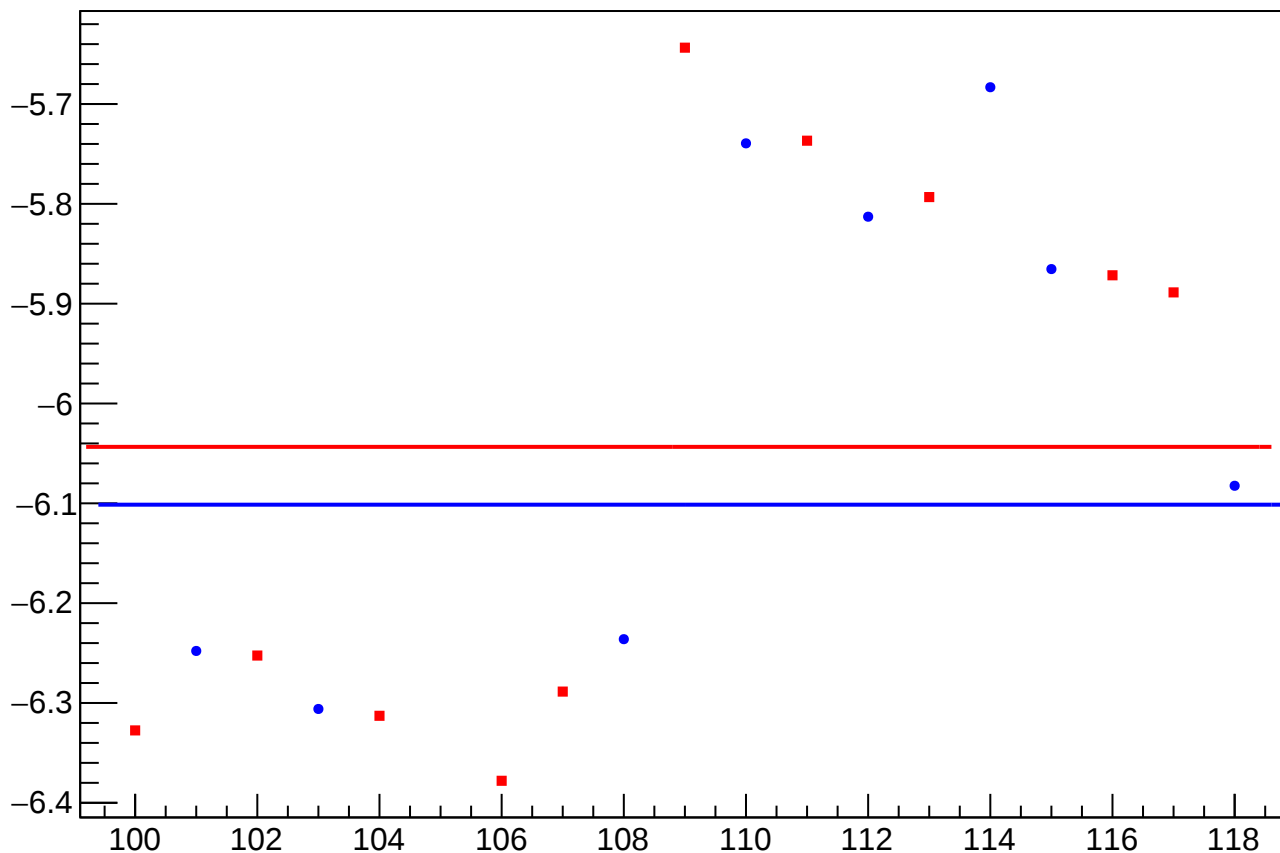
Right Out: 0.006+/-0.000 χ^2/NDF : 173074.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 67272.6/7

0.006+/-0.000 χ^2/NDF : 173074.4/9

yield_bpm0l01Y_mean vs Slug



Right In: -6.101+/-0.000 χ^2/NDF : 4337905257.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

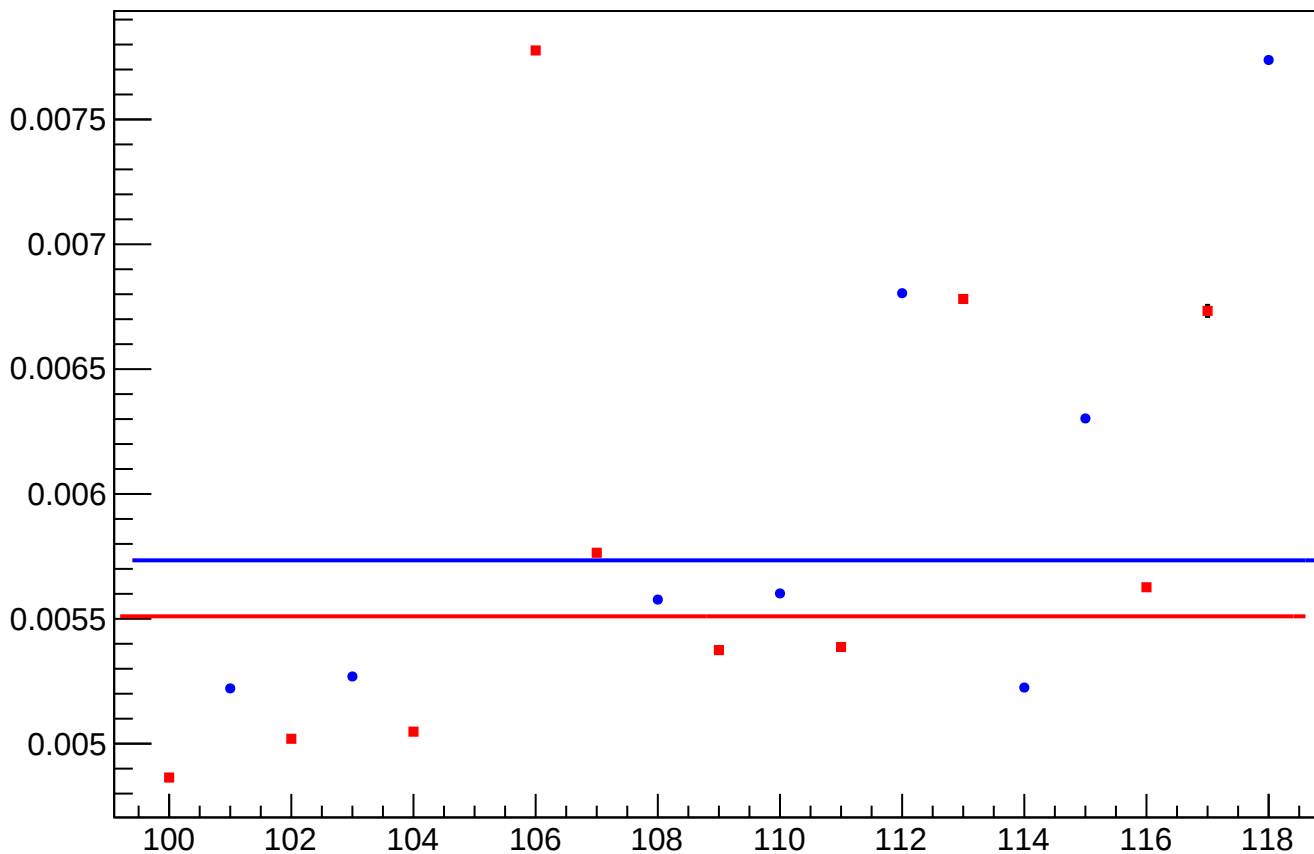
Right Out: -6.043+/-0.000 χ^2/NDF : 8121244789.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.101+/-0.000 χ^2/NDF : 4337905257.3/7

-6.043+/-0.000 χ^2/NDF : 8121244789.0/9

yield_bpm0l01Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 98434.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

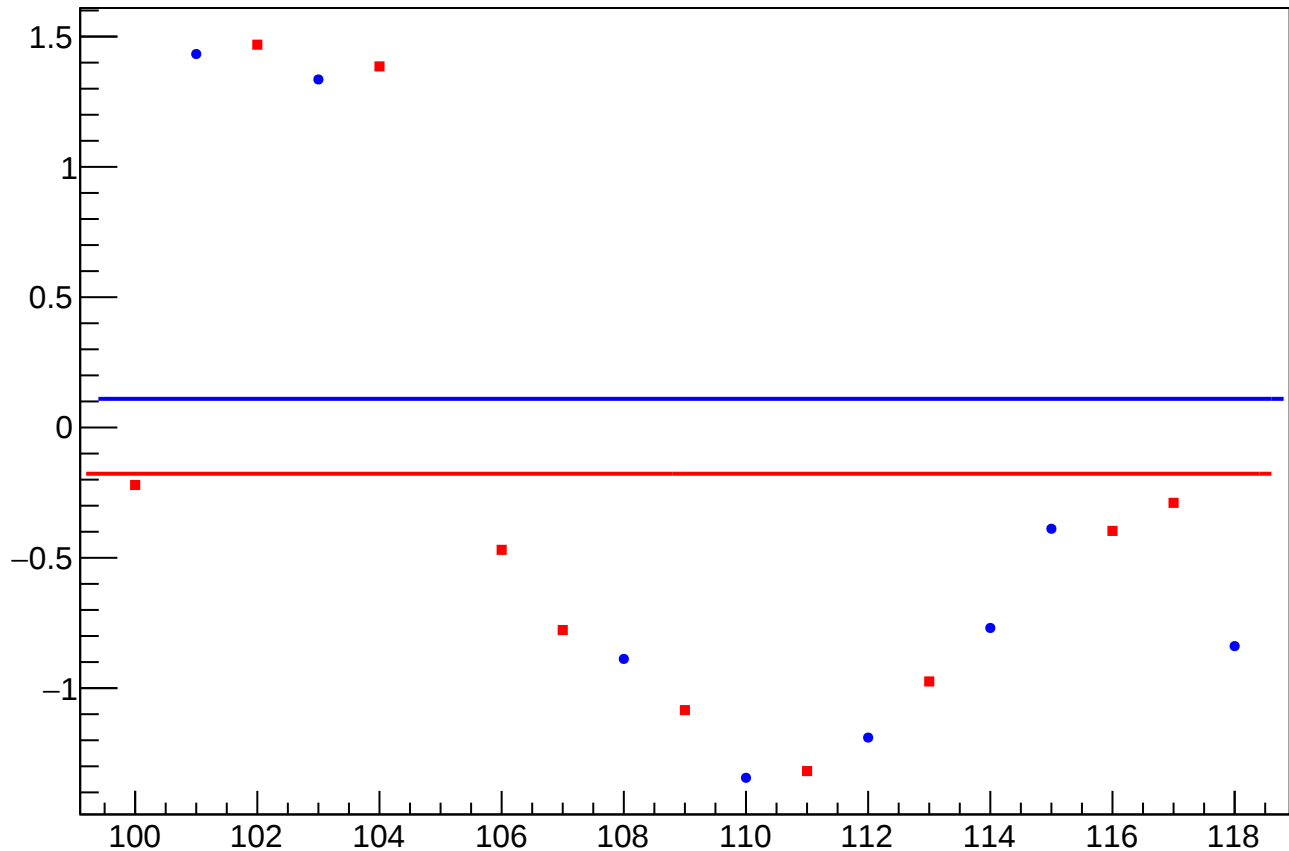
Right Out: 0.006+/-0.000 χ^2/NDF : 94284.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 98434.2/7

0.006+/-0.000 χ^2/NDF : 94284.8/9

yield_bpm0l02X_mean vs Slug



Right In: 0.110 $\pm$ 0.000 χ^2 /NDF: 16115963857.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

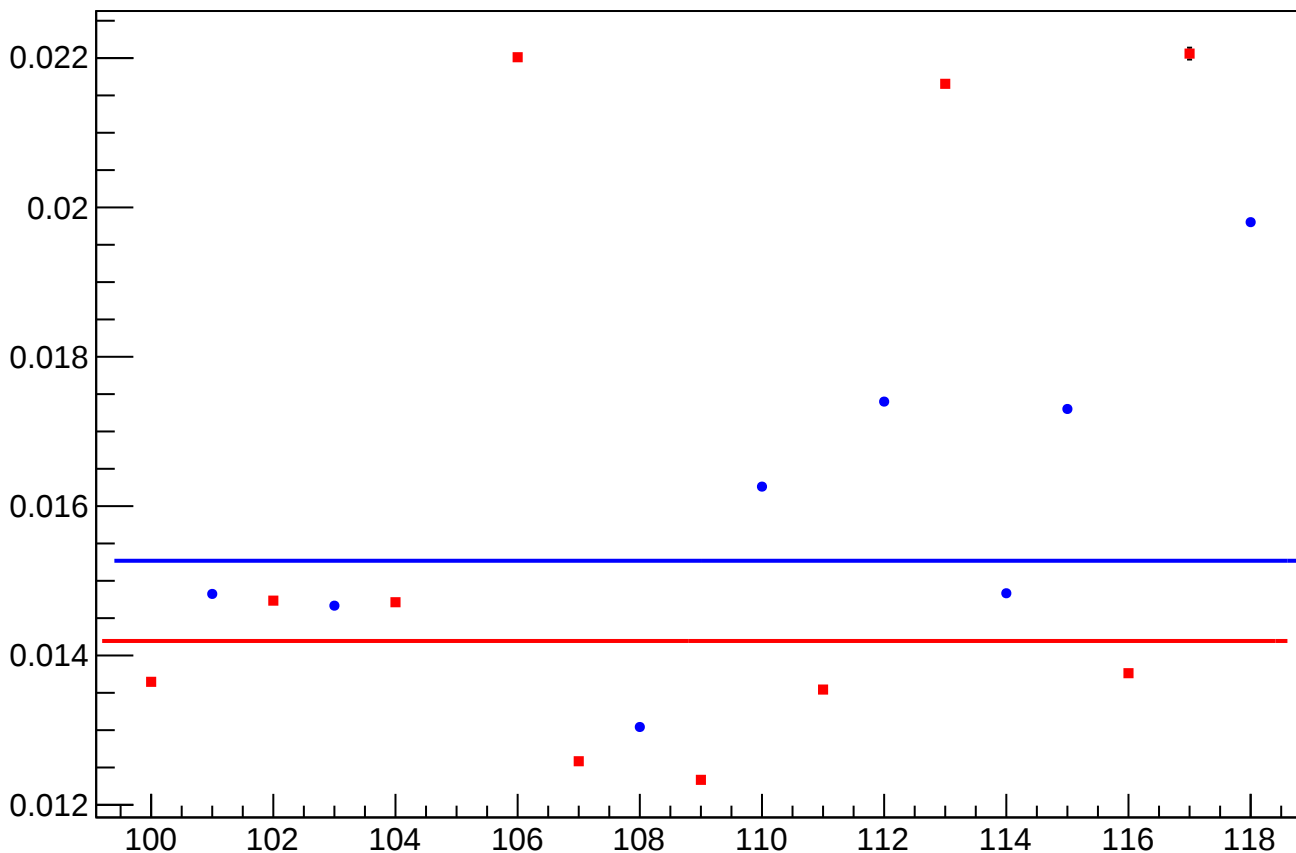
Right Out: -0.177 $\pm$ 0.000 χ^2 /NDF: 19080410106.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.110 $\pm$ 0.000 χ^2 /NDF: 16115963857.8/7

-0.177 $\pm$ 0.000 χ^2 /NDF: 19080410106.5/9

yield_bpm0l02X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 73683.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

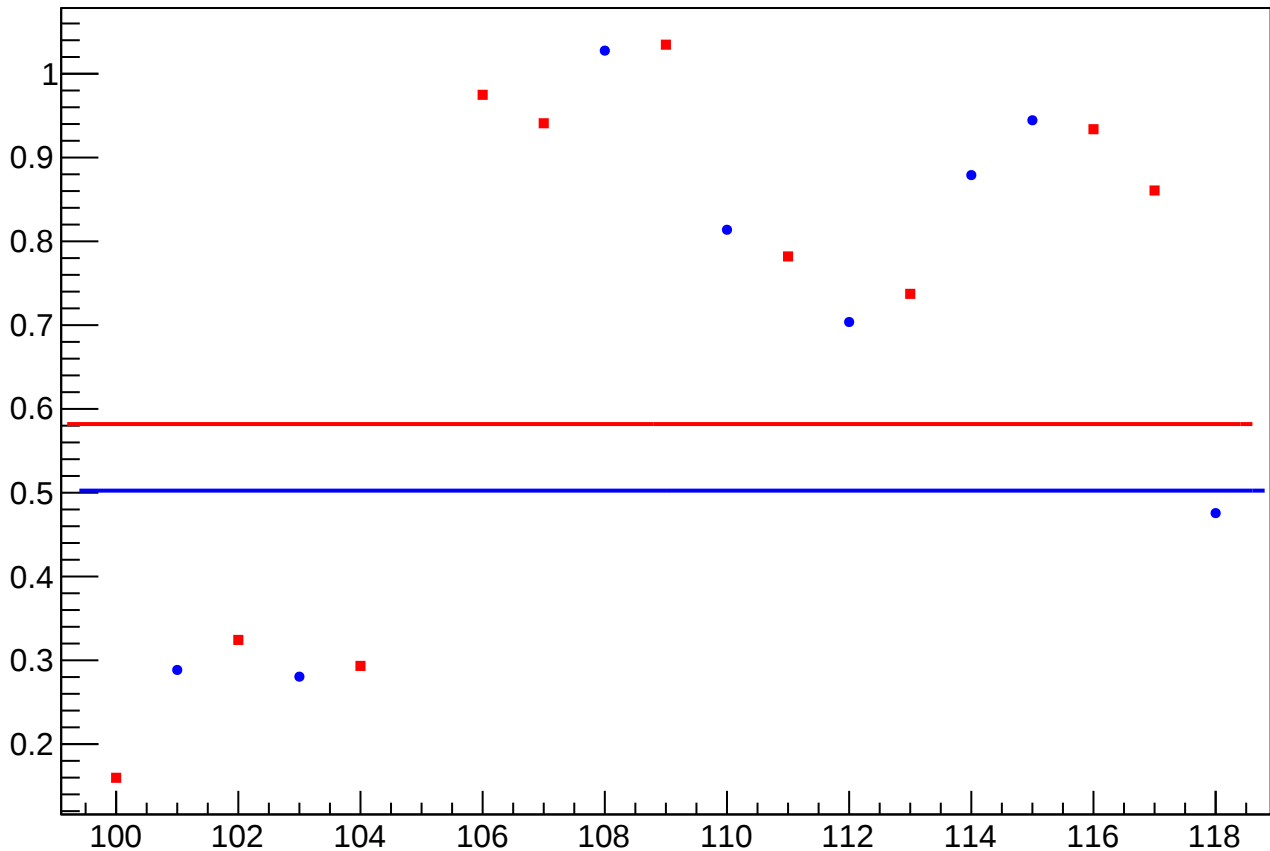
Right Out: 0.014+/-0.000 χ^2/NDF : 173364.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 73683.5/7

0.014+/-0.000 χ^2/NDF : 173364.7/9

yield_bpm0l02Y_mean vs Slug



Right In: 0.503+/-0.000 χ^2/NDF : 3458703027.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

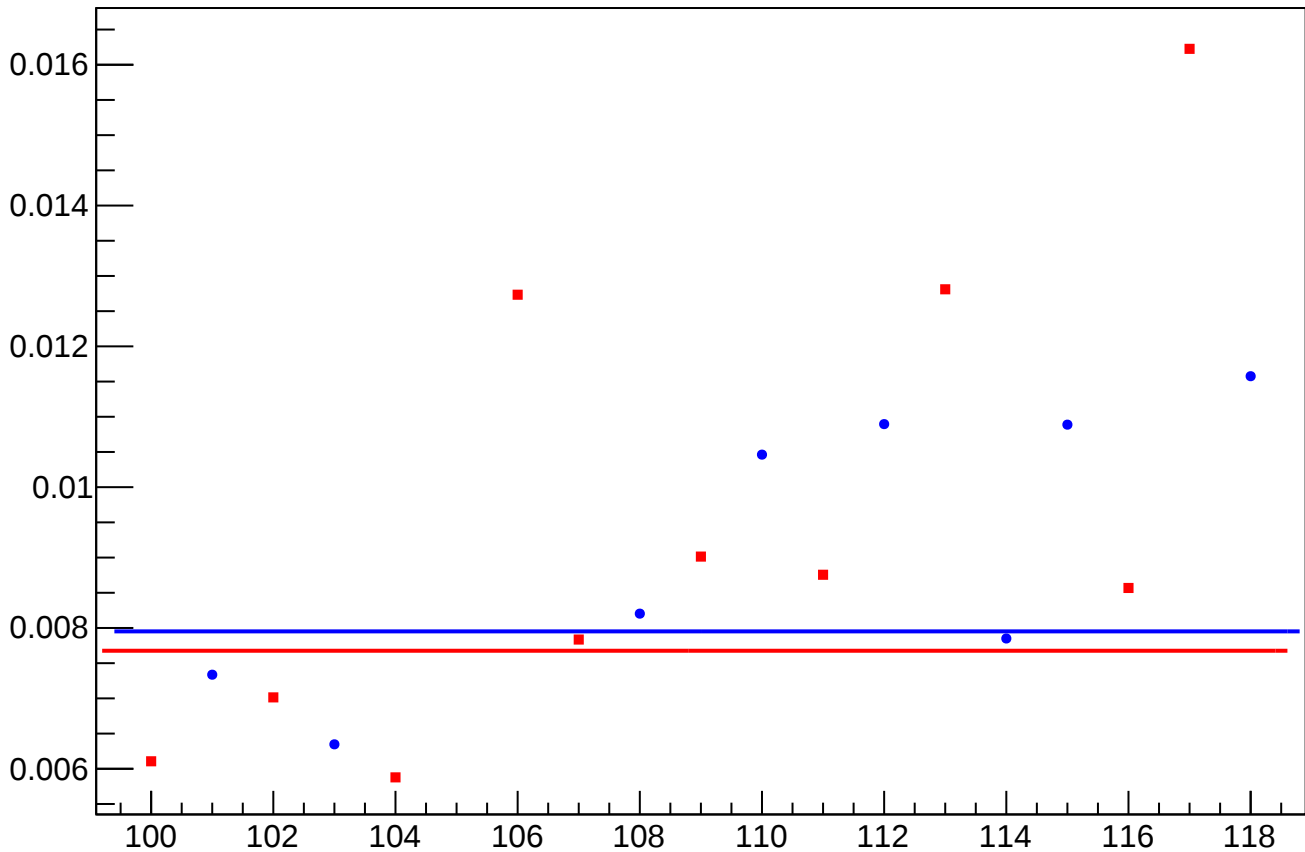
0.503+/-0.000 χ^2/NDF : 3458703027.4/7

Right Out: 0.582+/-0.000 χ^2/NDF : 4834569079.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.582+/-0.000 χ^2/NDF : 4834569079.8/9

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 244592.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

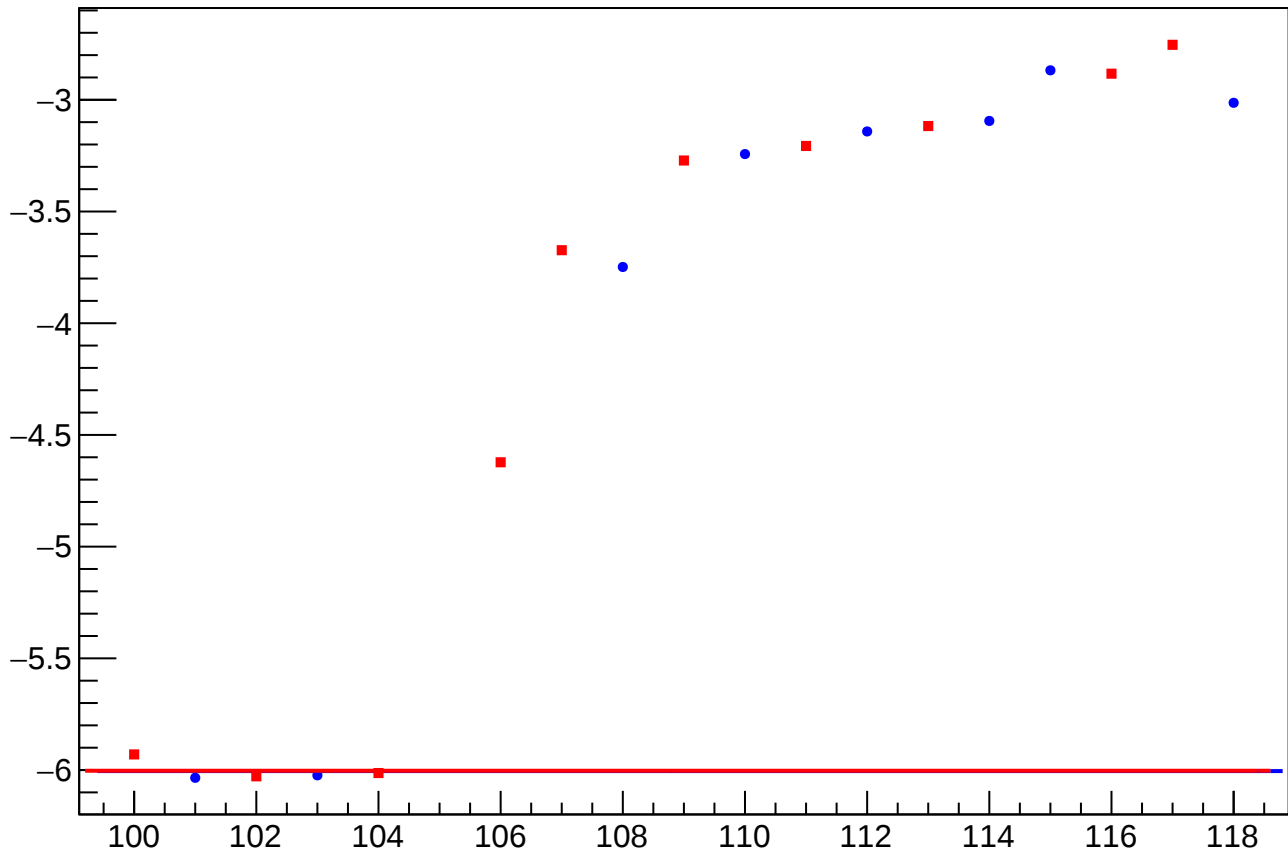
Right Out: 0.008+/-0.000 χ^2/NDF : 328863.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 244592.4/7

0.008+/-0.000 χ^2/NDF : 328863.4/9

yield_bpm0l03X_mean vs Slug



Right In: -6.005+/-0.000 χ^2/NDF : 2808873099.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

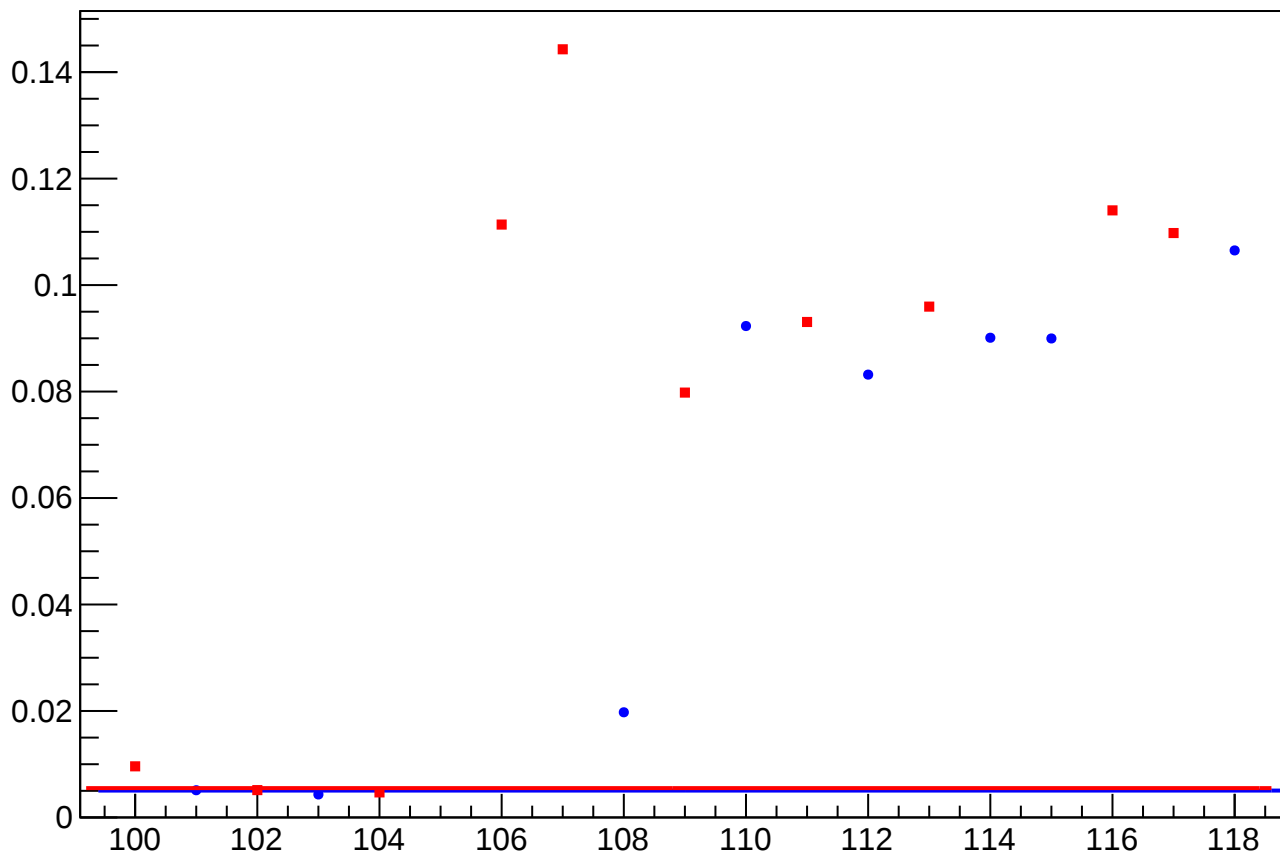
-6.005+/-0.000 χ^2/NDF : 2808873099.3/7

Right Out: -6.003+/-0.000 χ^2/NDF : 1657956541.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.003+/-0.000 χ^2/NDF : 1657956541.5/9

yield_bpm0l03X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 2735955.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

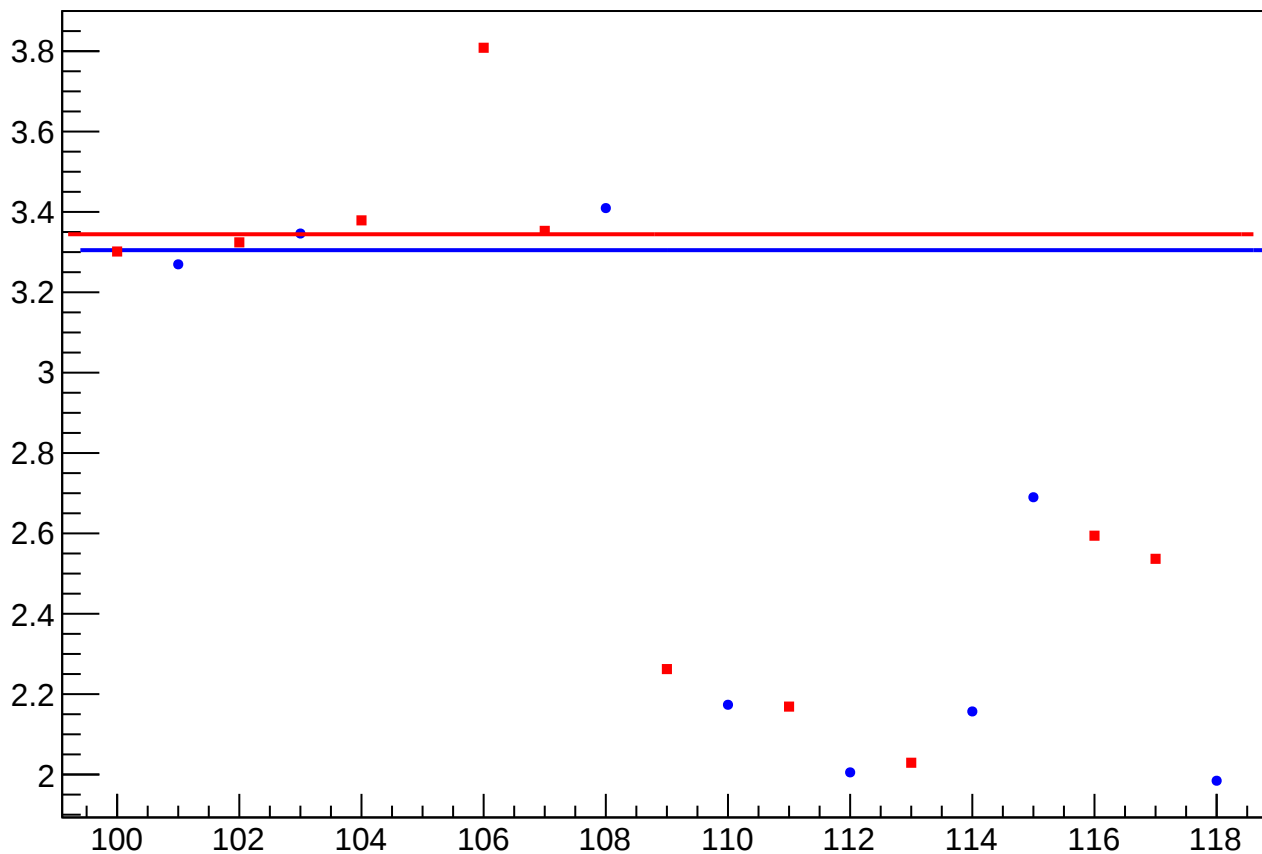
Right Out: 0.006+/-0.000 χ^2/NDF : 3929232.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 2735955.8/7

0.006+/-0.000 χ^2/NDF : 3929232.6/9

yield_bpm0l03Y_mean vs Slug



Right In: 3.305+/-0.000 χ^2/NDF : 271360334.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

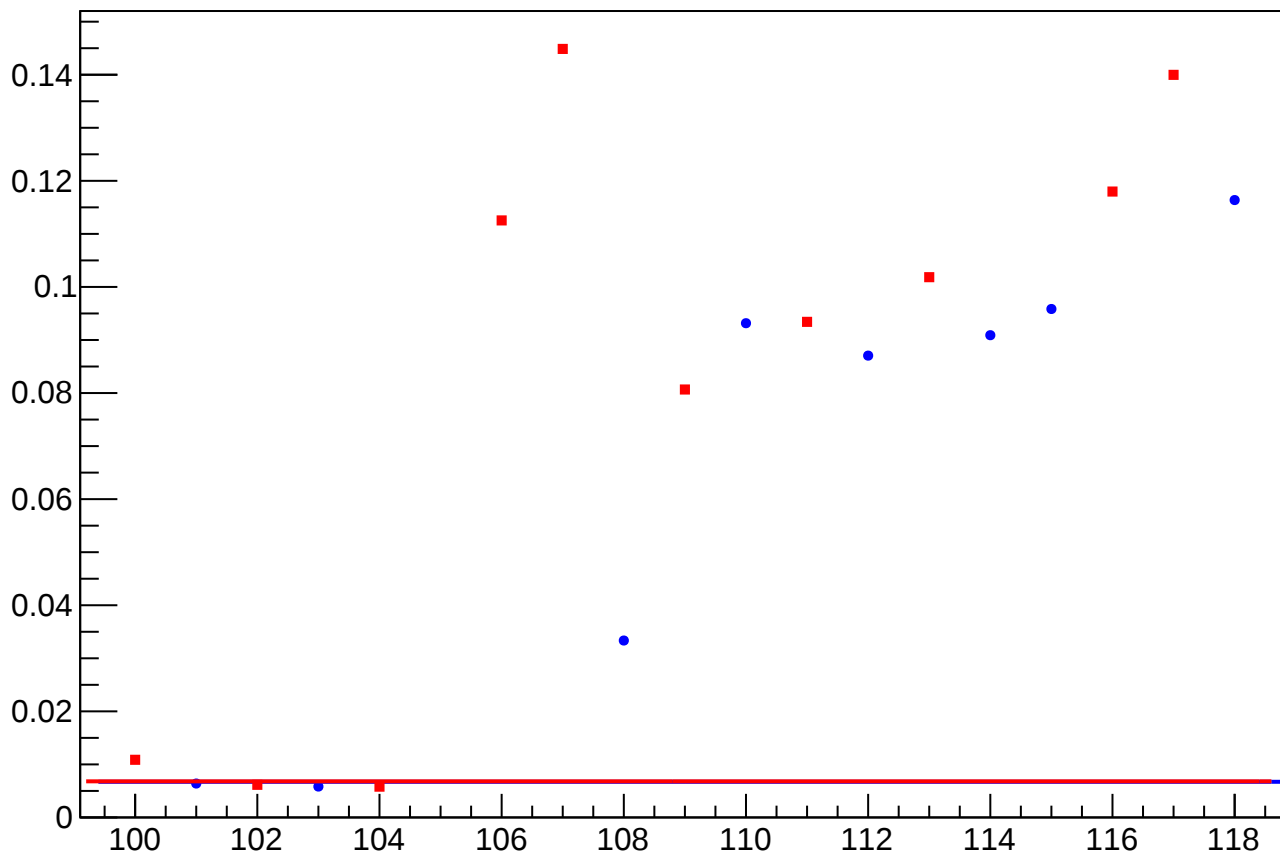
Right Out: 3.344+/-0.000 χ^2/NDF : 257289995.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.305+/-0.000 χ^2/NDF : 271360334.3/7

3.344+/-0.000 χ^2/NDF : 257289995.3/9

yield_bpm0l03Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 2751347.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

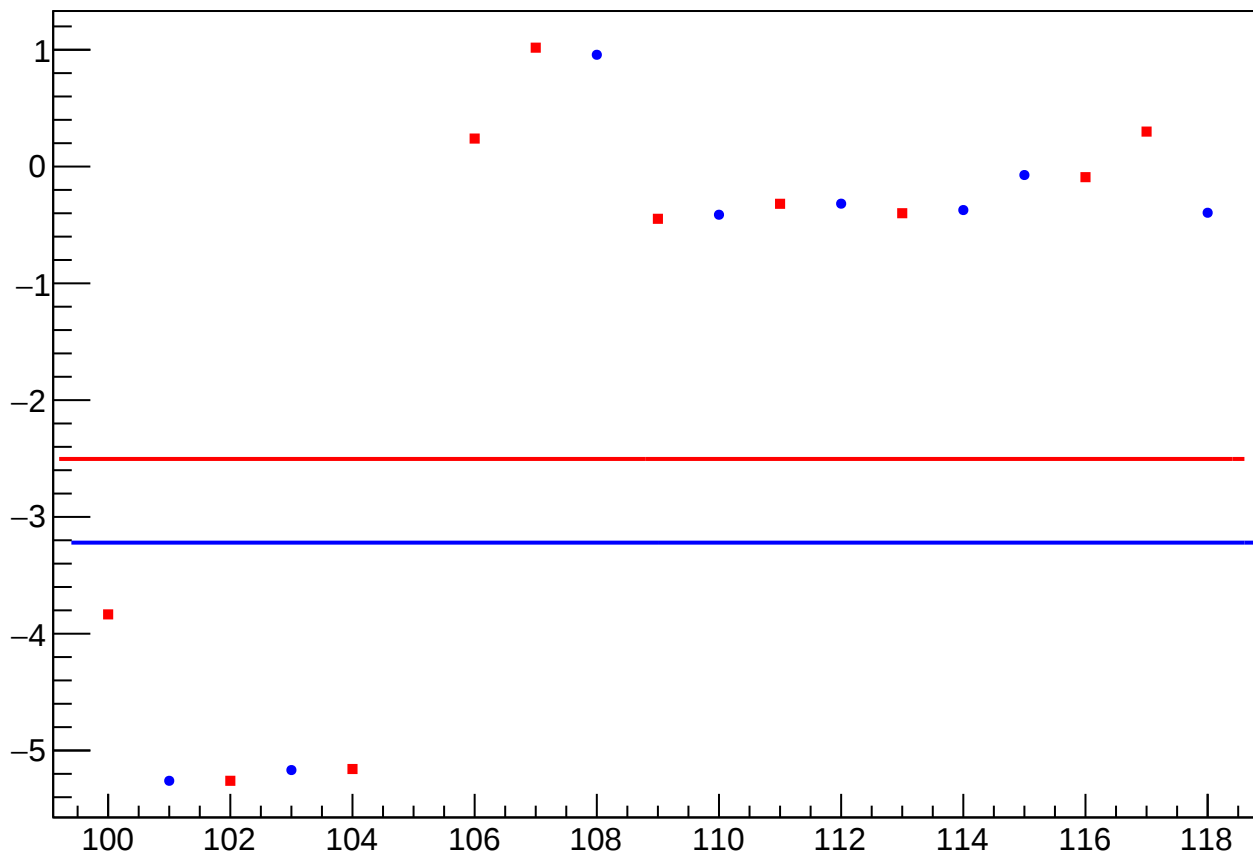
Right Out: 0.007+/-0.000 χ^2/NDF : 3829523.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 2751347.7/7

0.007+/-0.000 χ^2/NDF : 3829523.8/9

yield_bpm0l04X_mean vs Slug



Right In: -3.220+/-0.000 χ^2 /NDF: 85065812462.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

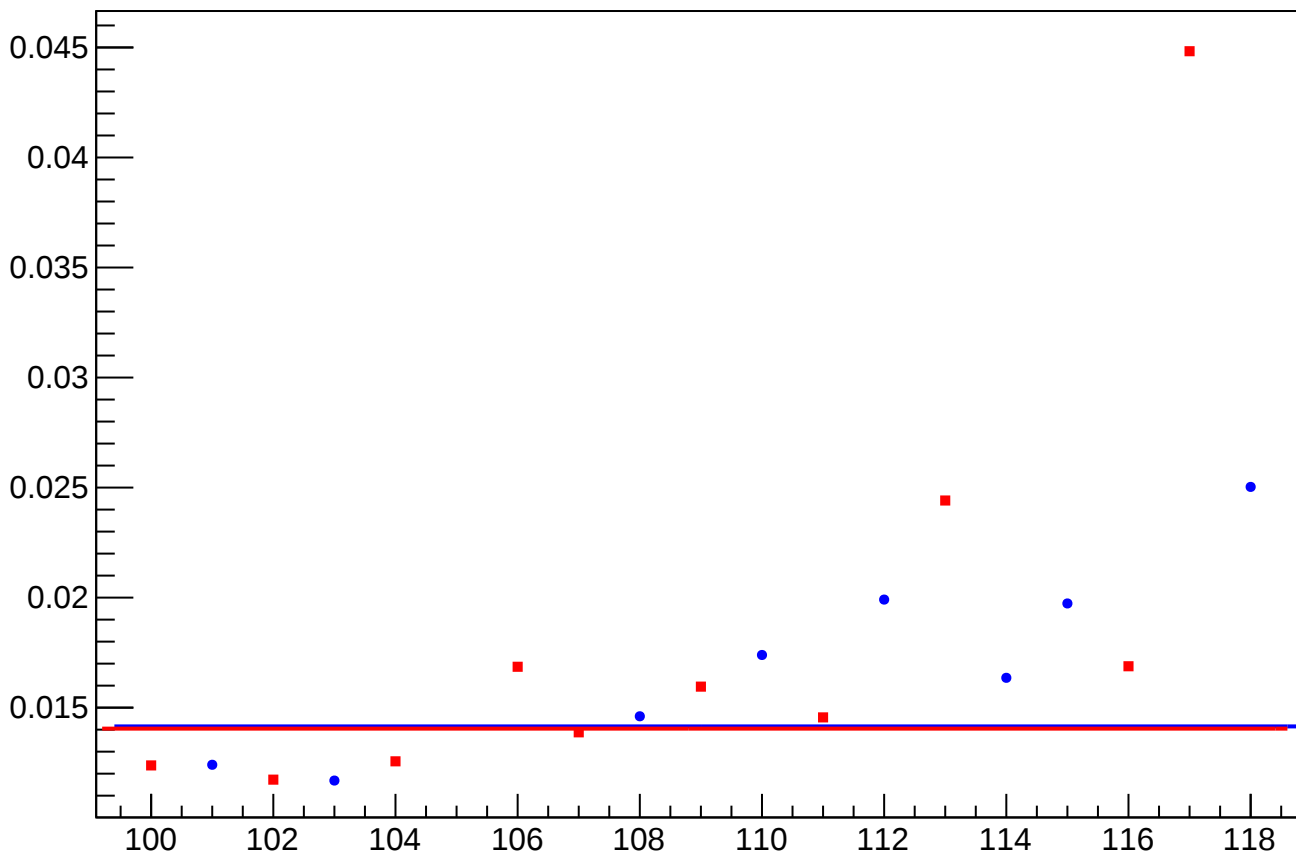
Right Out: -2.504+/-0.000 χ^2 /NDF: 104588763980.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.220+/-0.000 χ^2 /NDF: 85065812462.3/7

-2.504+/-0.000 χ^2 /NDF: 104588763980.6/9

yield_bpm0l04X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 292722.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

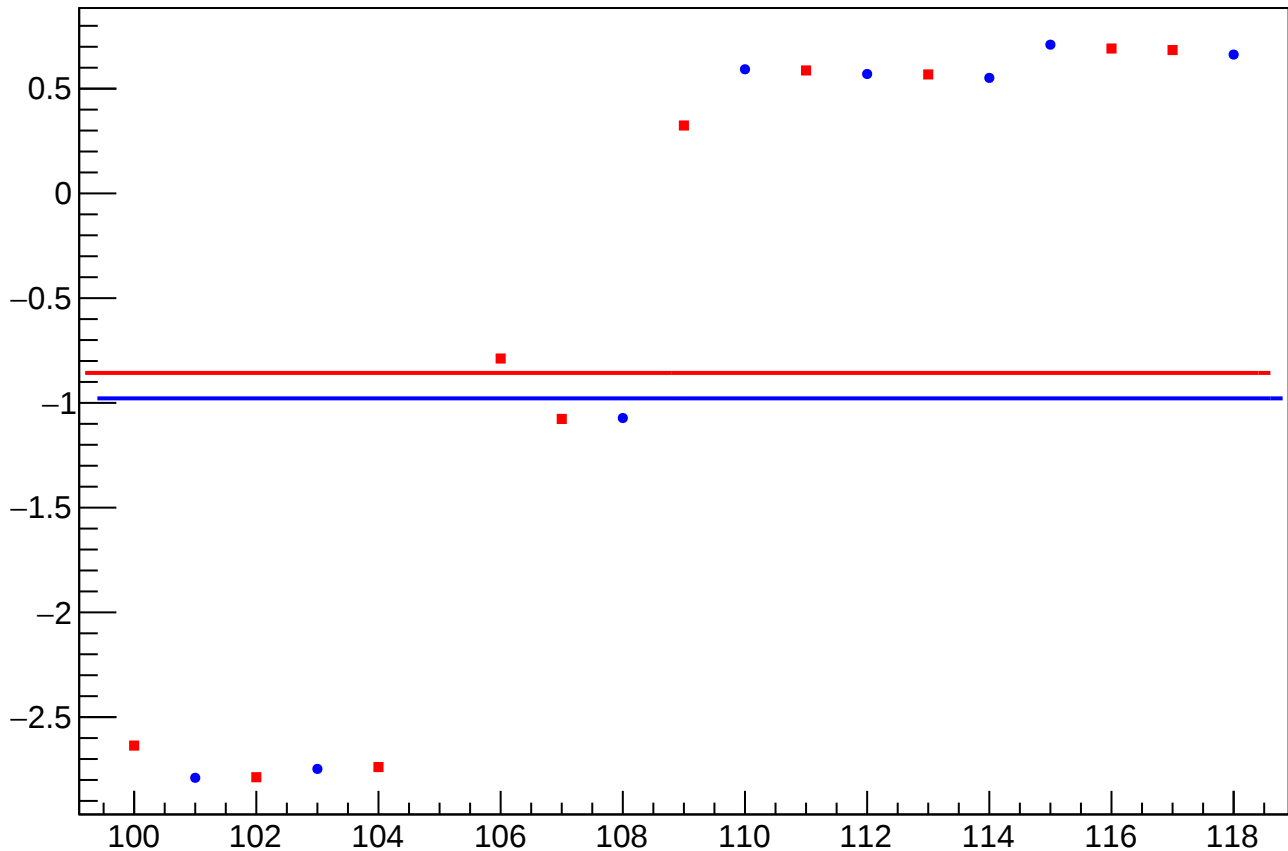
Right Out: 0.014+/-0.000 χ^2/NDF : 241218.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 292722.0/7

0.014+/-0.000 χ^2/NDF : 241218.3/9

yield_bpm0l04Y_mean vs Slug



Right In: -0.978+/-0.000 χ^2/NDF : 460775152434.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

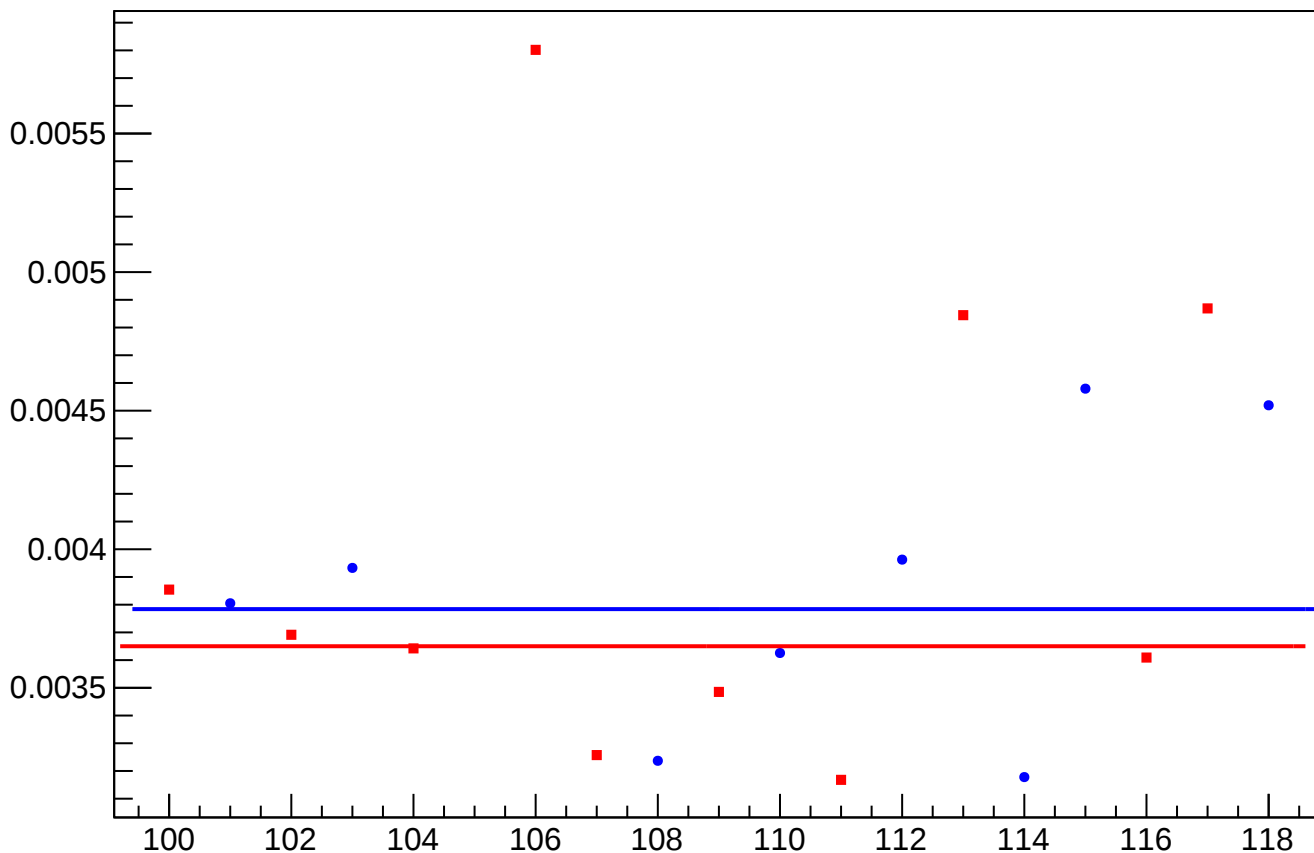
-0.978+/-0.000 χ^2/NDF : 460775152434.5/7

Right Out: -0.857+/-0.000 χ^2/NDF : 513053079857.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.857+/-0.000 χ^2/NDF : 513053079857.7/9

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 62953.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

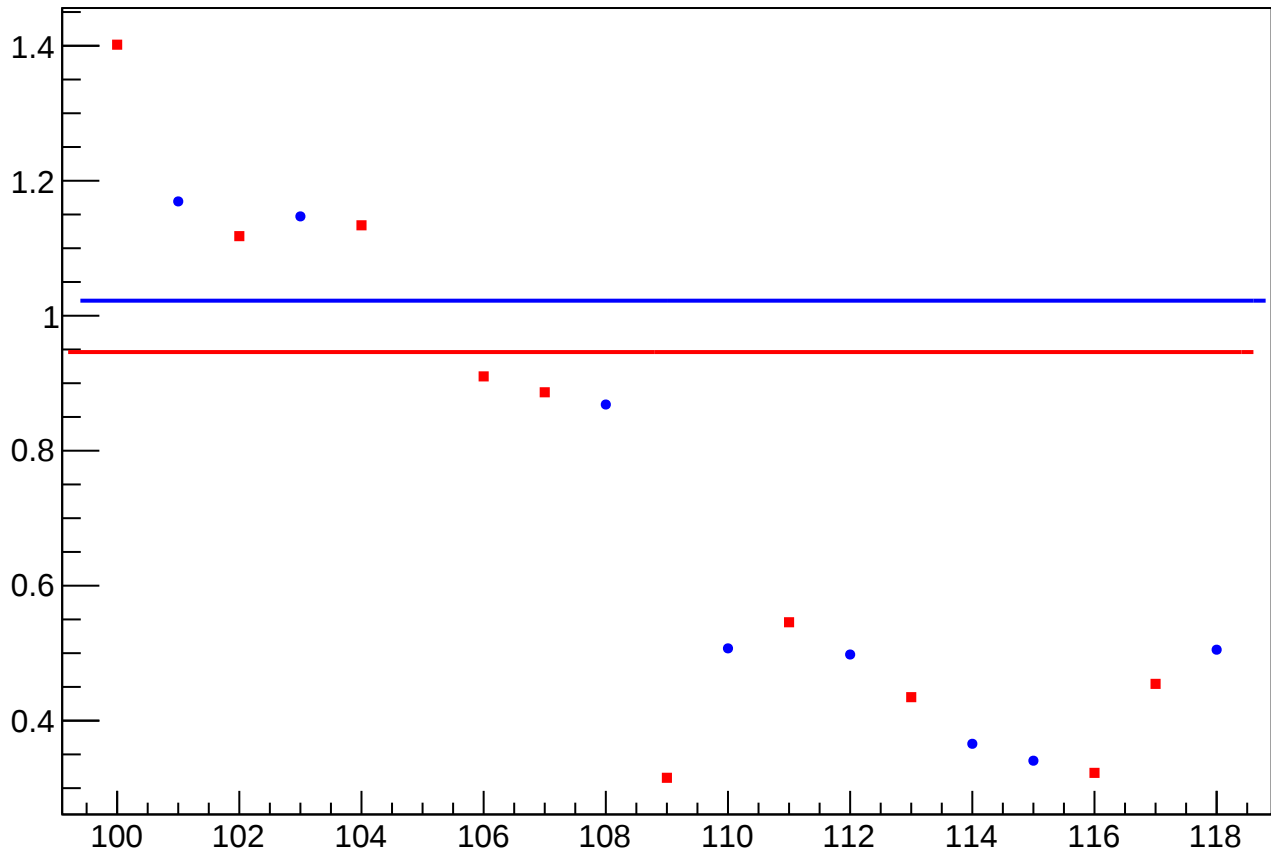
Right Out: 0.004+/-0.000 χ^2/NDF : 157900.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 62953.9/7

0.004+/-0.000 χ^2/NDF : 157900.1/9

yield_bpm0l05X_mean vs Slug



Right In: 1.022+/-0.000 χ^2/NDF : 5608361770.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

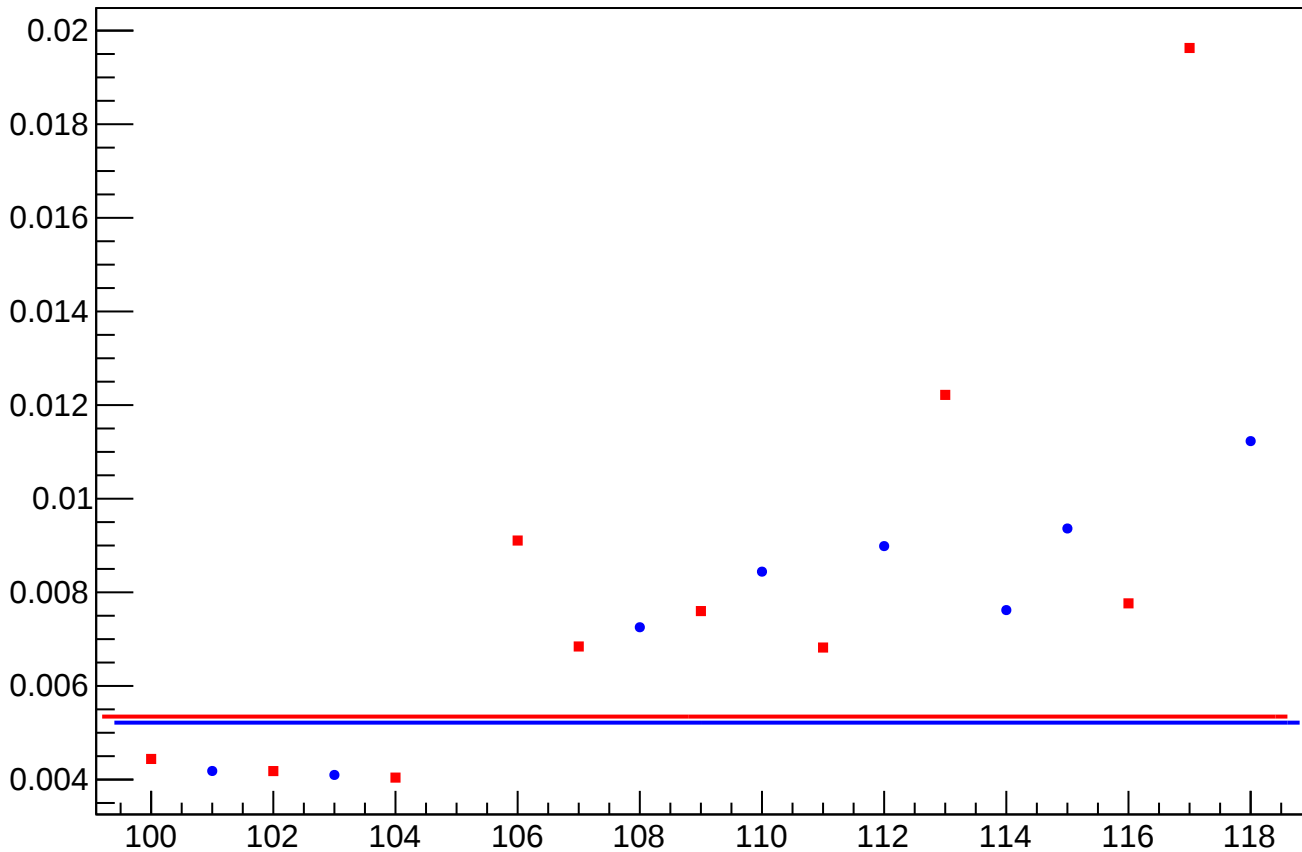
Right Out: 0.946+/-0.000 χ^2/NDF : 8908681682.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.022+/-0.000 χ^2/NDF : 5608361770.0/7

0.946+/-0.000 χ^2/NDF : 8908681682.5/9

yield_bpm0l05X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 676762.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

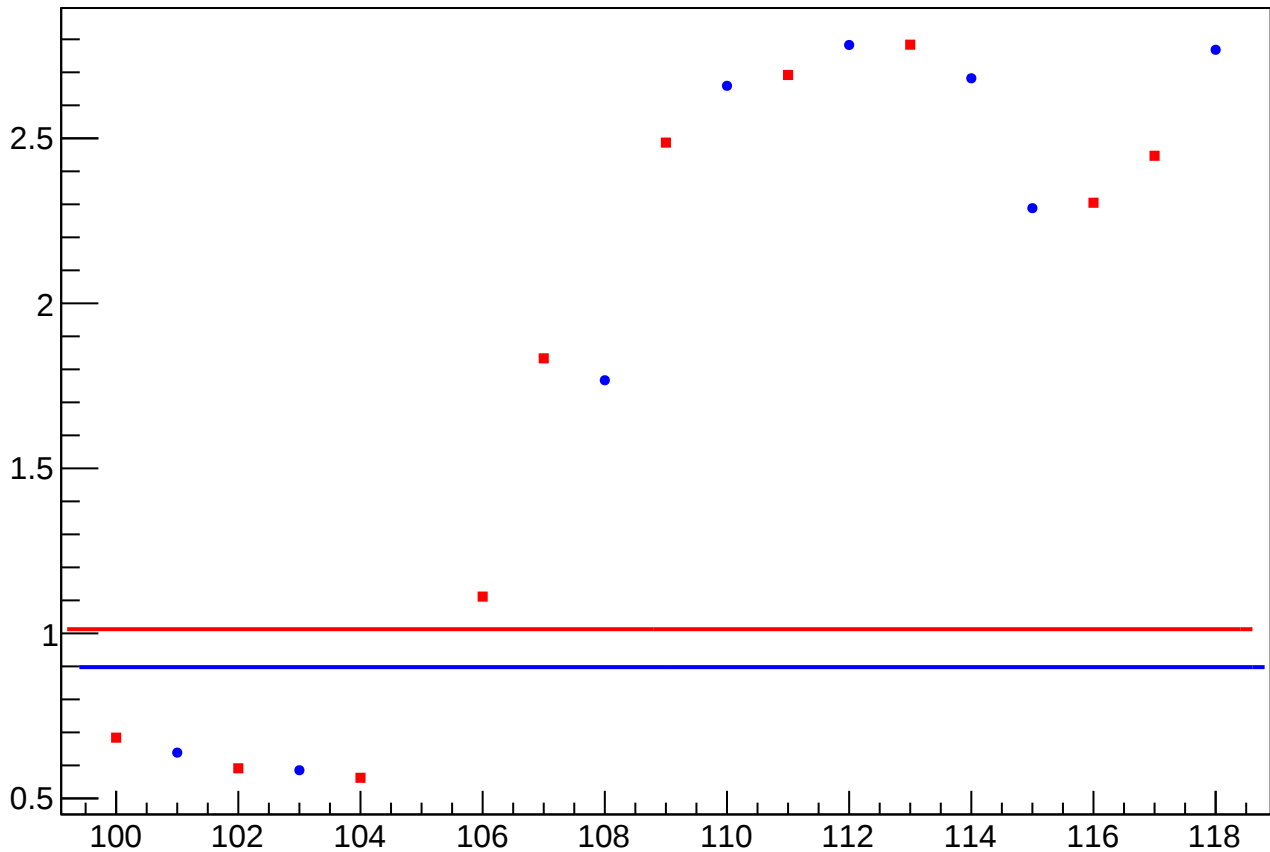
Right Out: 0.005+/-0.000 χ^2/NDF : 689018.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 676762.2/7

0.005+/-0.000 χ^2/NDF : 689018.7/9

yield_bpm0l05Y_mean vs Slug



Right In: 0.898+/-0.000 χ^2/NDF : 43218544603.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

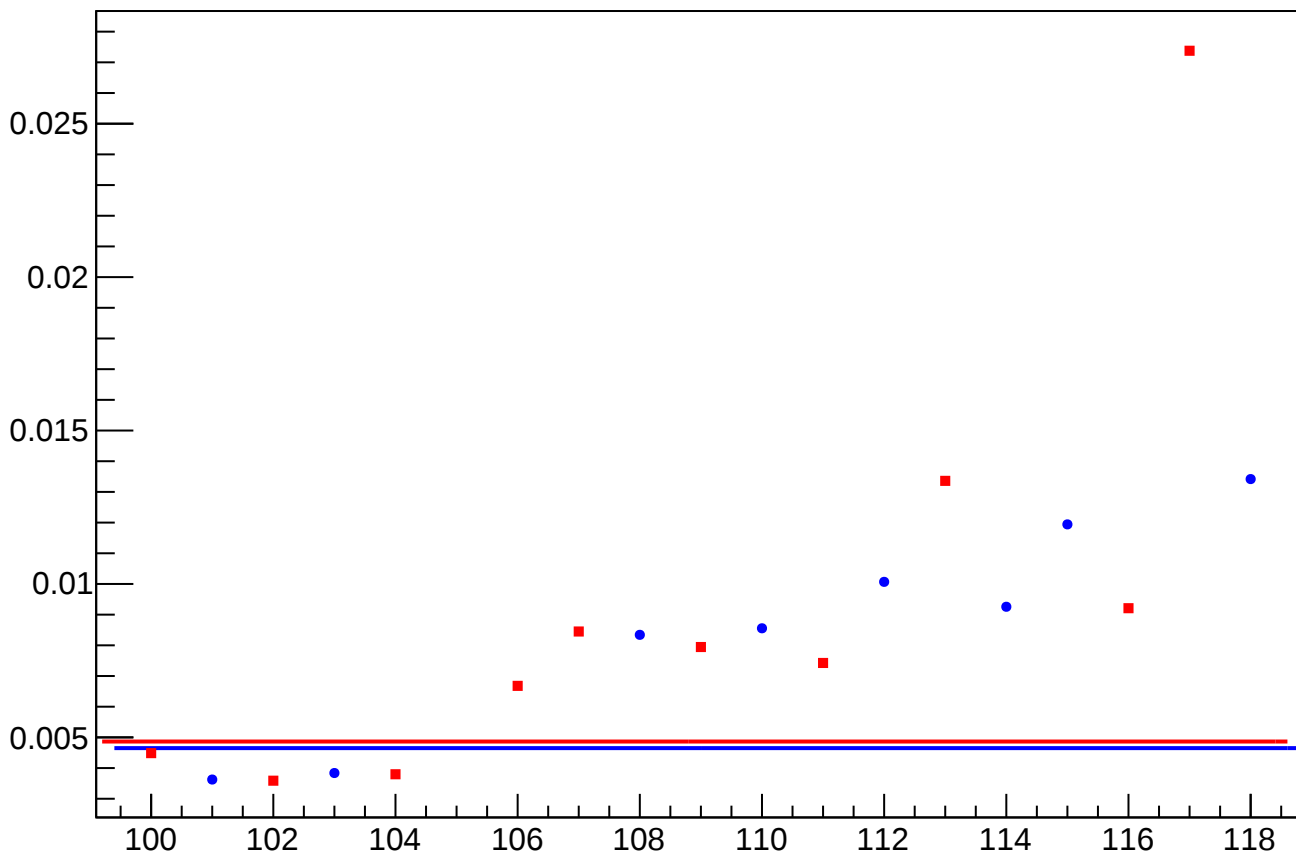
0.898+/-0.000 χ^2/NDF : 43218544603.7/7

Right Out: 1.013+/-0.000 χ^2/NDF : 62038277278.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.013+/-0.000 χ^2/NDF : 62038277278.6/9

yield_bpm0l05Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 930902.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

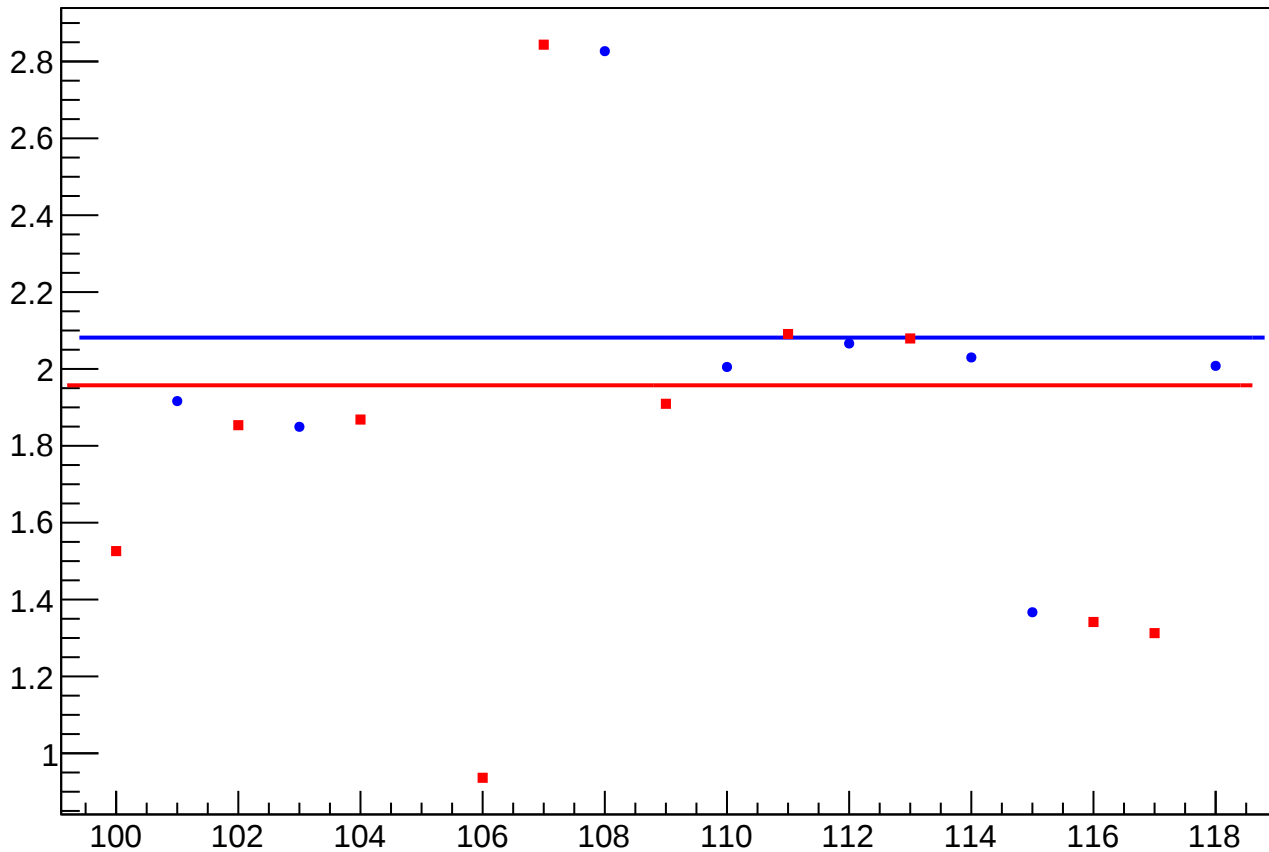
Right Out: 0.005+/-0.000 χ^2/NDF : 923906.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 930902.4/7

0.005+/-0.000 χ^2/NDF : 923906.7/9

yield_bpm0l06X_mean vs Slug



Right In: 2.082 $\pm$ 0.000 χ^2 /NDF: 7344422173.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

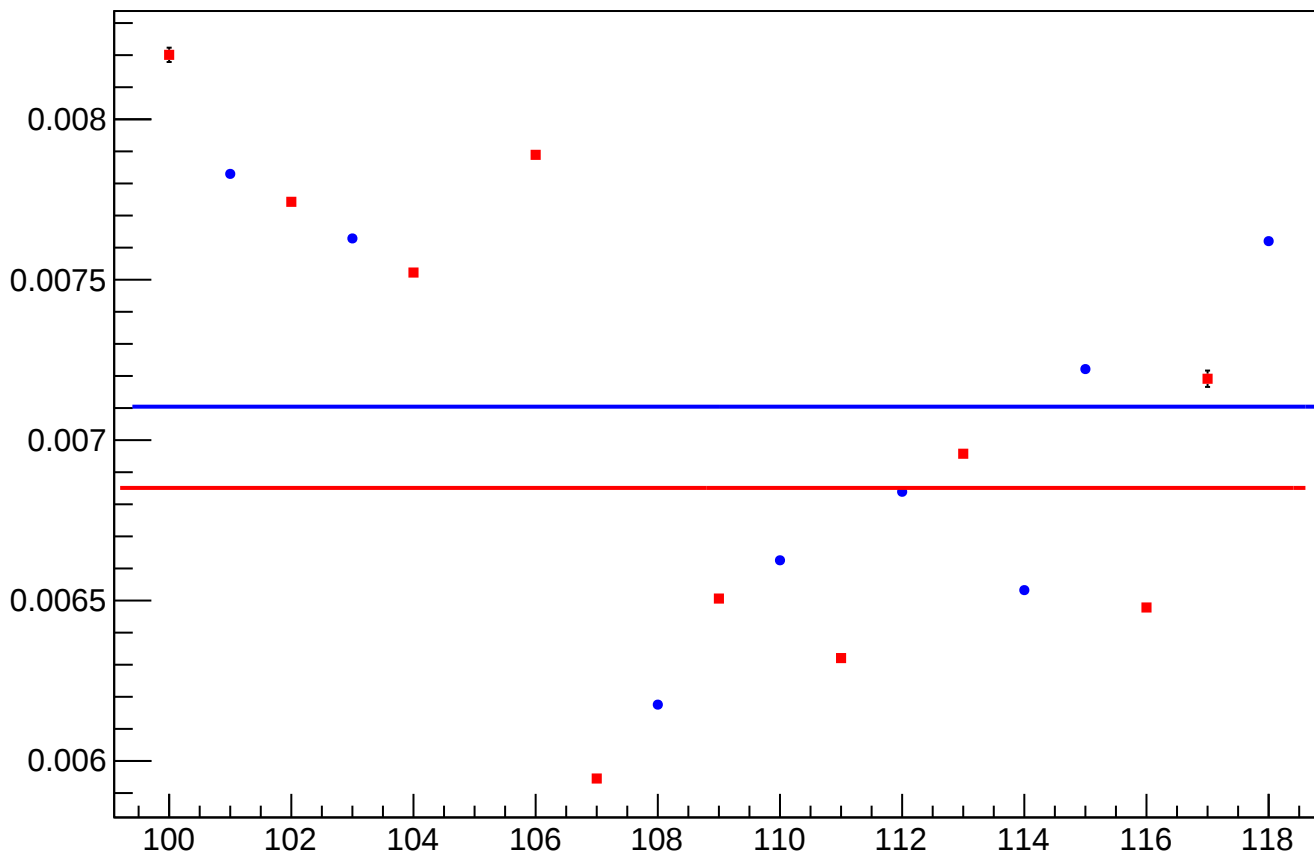
2.082 $\pm$ 0.000 χ^2 /NDF: 7344422173.0/7

Right Out: 1.957 $\pm$ 0.000 χ^2 /NDF: 15336000119.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.957 $\pm$ 0.000 χ^2 /NDF: 15336000119.4/9

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 41385.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

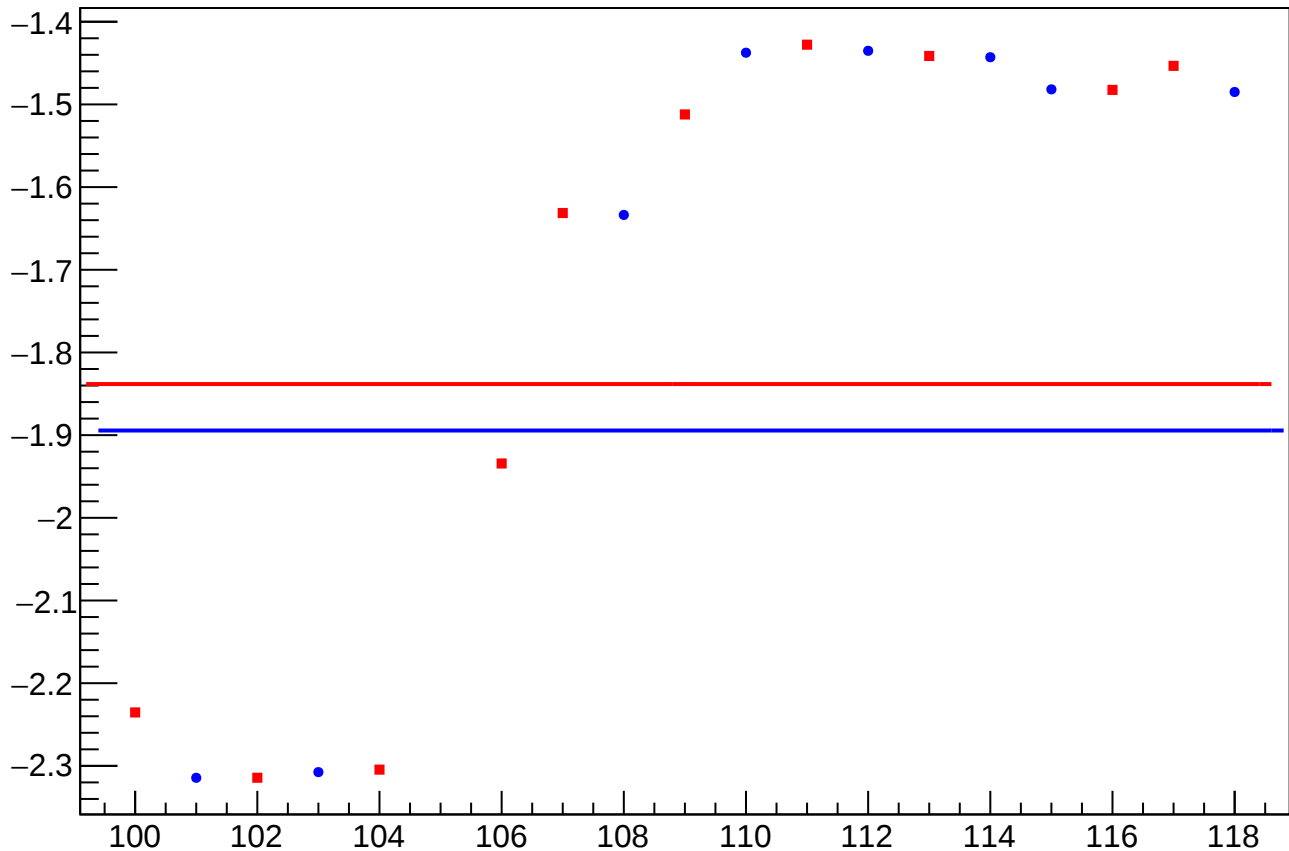
Right Out: 0.007+/-0.000 χ^2/NDF : 60944.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 41385.0/7

0.007+/-0.000 χ^2/NDF : 60944.6/9

yield_bpm0l06Y_mean vs Slug



Right In: -1.894+/-0.000 χ^2/NDF : 66148776775.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

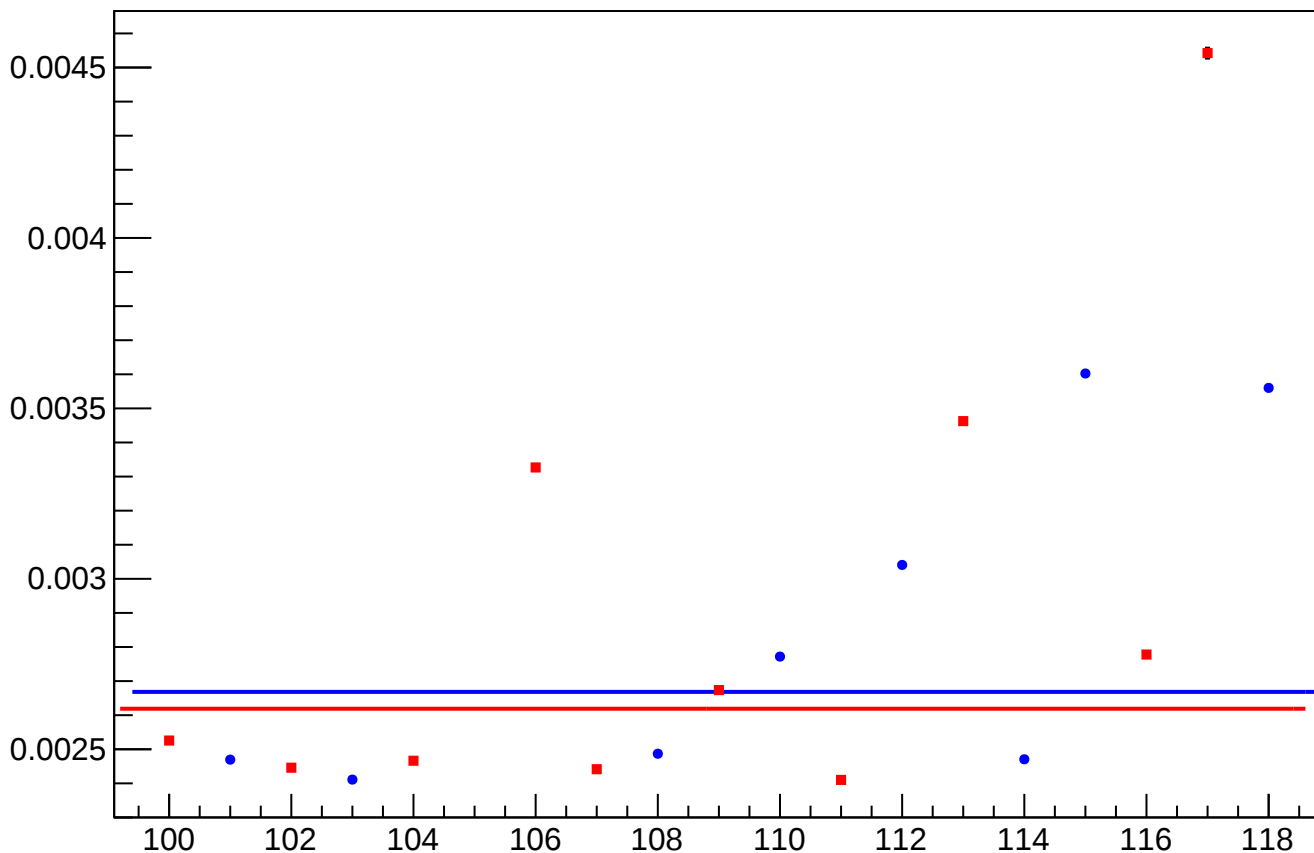
-1.894+/-0.000 χ^2/NDF : 66148776775.1/7

Right Out: -1.838+/-0.000 χ^2/NDF : 70324572536.5/9

-1.838+/-0.000 χ^2/NDF : 70324572536.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 107074.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

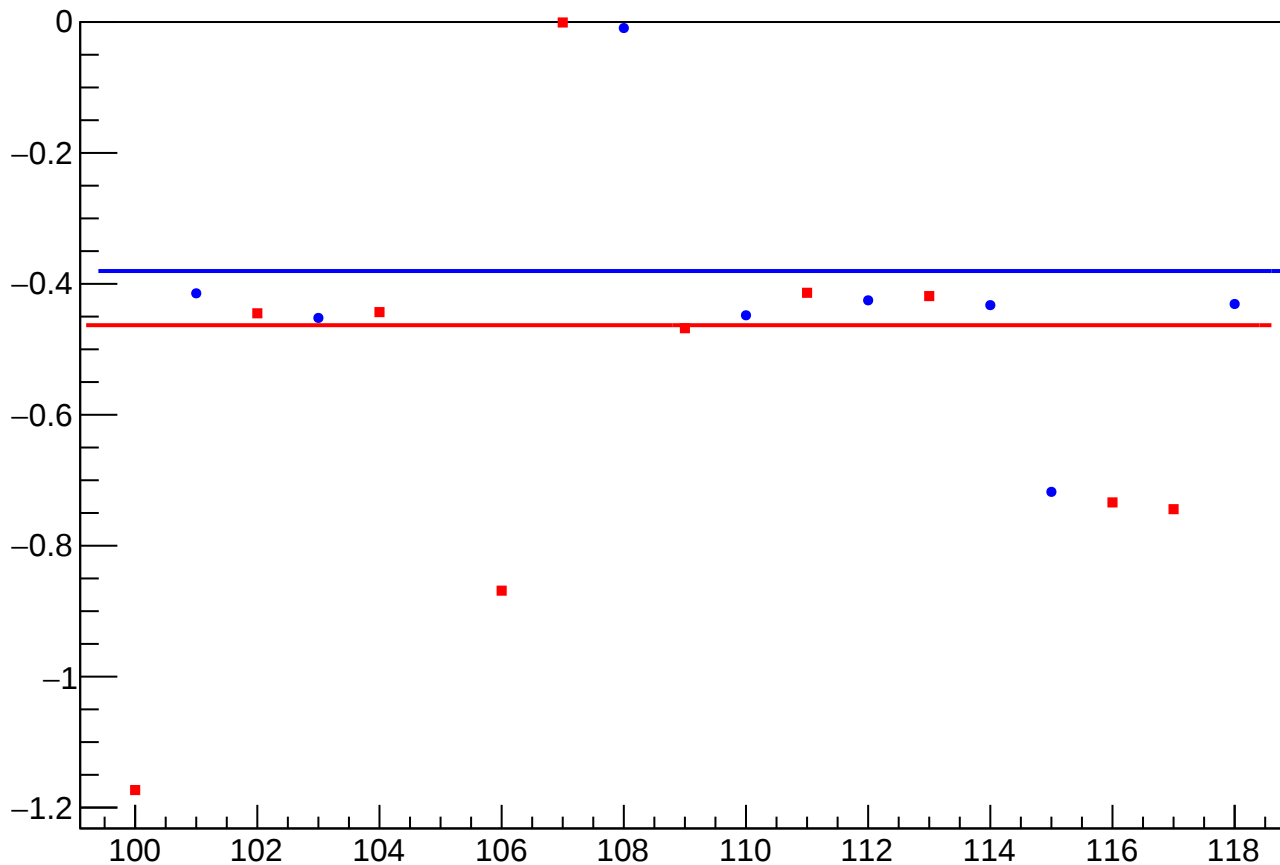
Right Out: 0.003+/-0.000 χ^2/NDF : 103220.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.003+/-0.000 χ^2/NDF : 107074.8/7

0.003+/-0.000 χ^2/NDF : 103220.6/9

yield_bpm0l07X_mean vs Slug



Right In: -0.380+/-0.000 χ^2/NDF : 644086102.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

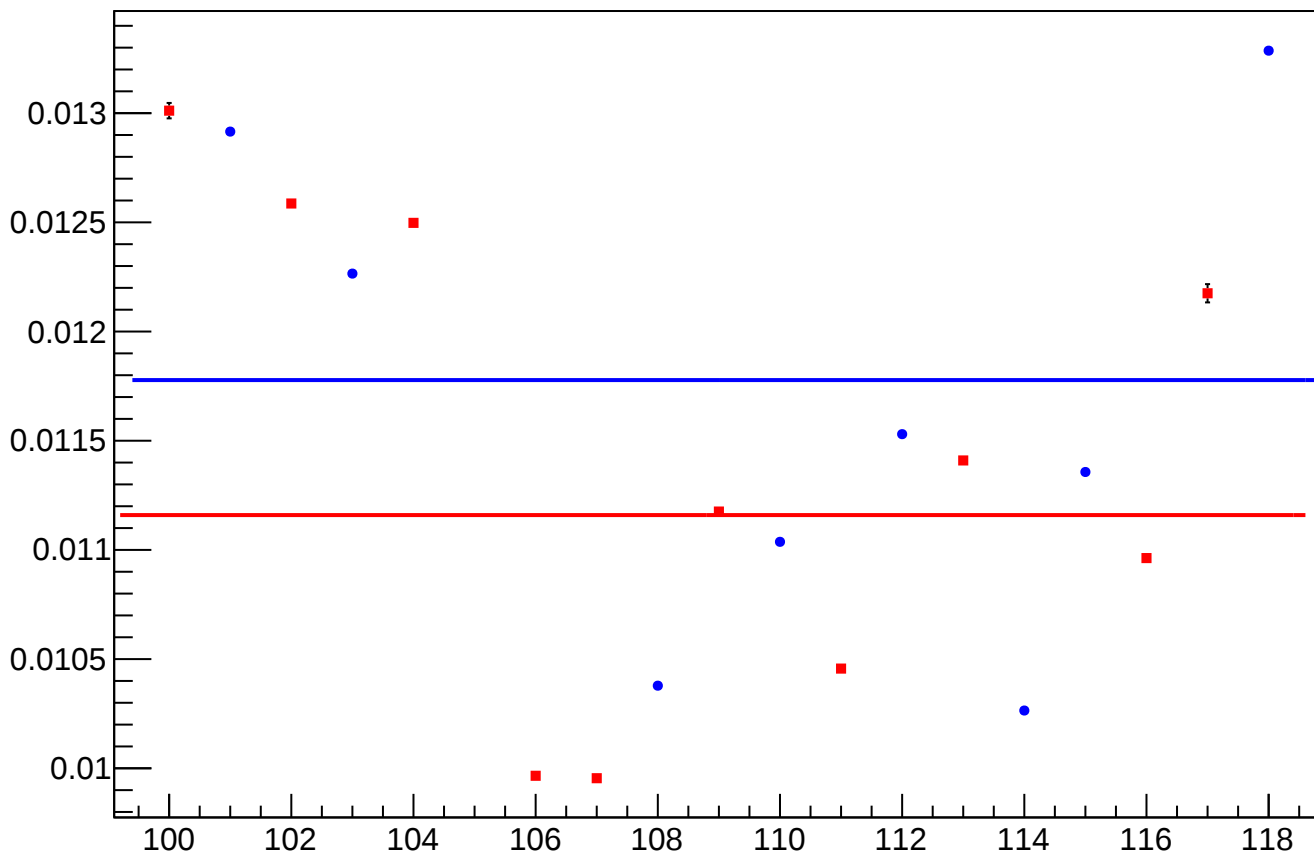
Right Out: -0.463+/-0.000 χ^2/NDF : 1628769974.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.380+/-0.000 χ^2/NDF : 644086102.2/7

-0.463+/-0.000 χ^2/NDF : 1628769974.4/9

yield_bpm0l07X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 44845.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

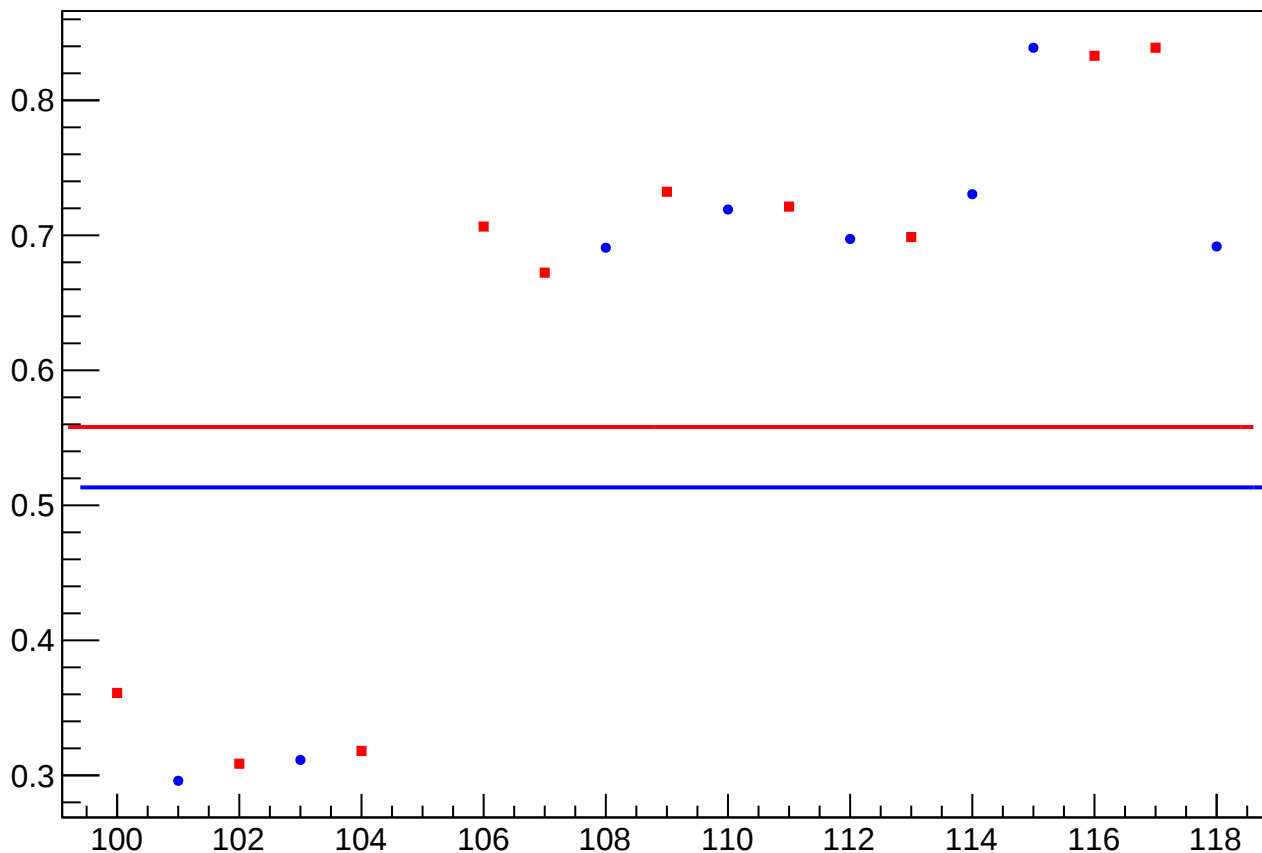
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 51021.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 44845.1/7

0.011 $\pm$ 0.000 χ^2 /NDF: 51021.8/9

yield_bpm0l07Y_mean vs Slug



Right In: 0.513+/-0.000 χ^2/NDF : 16980114062.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

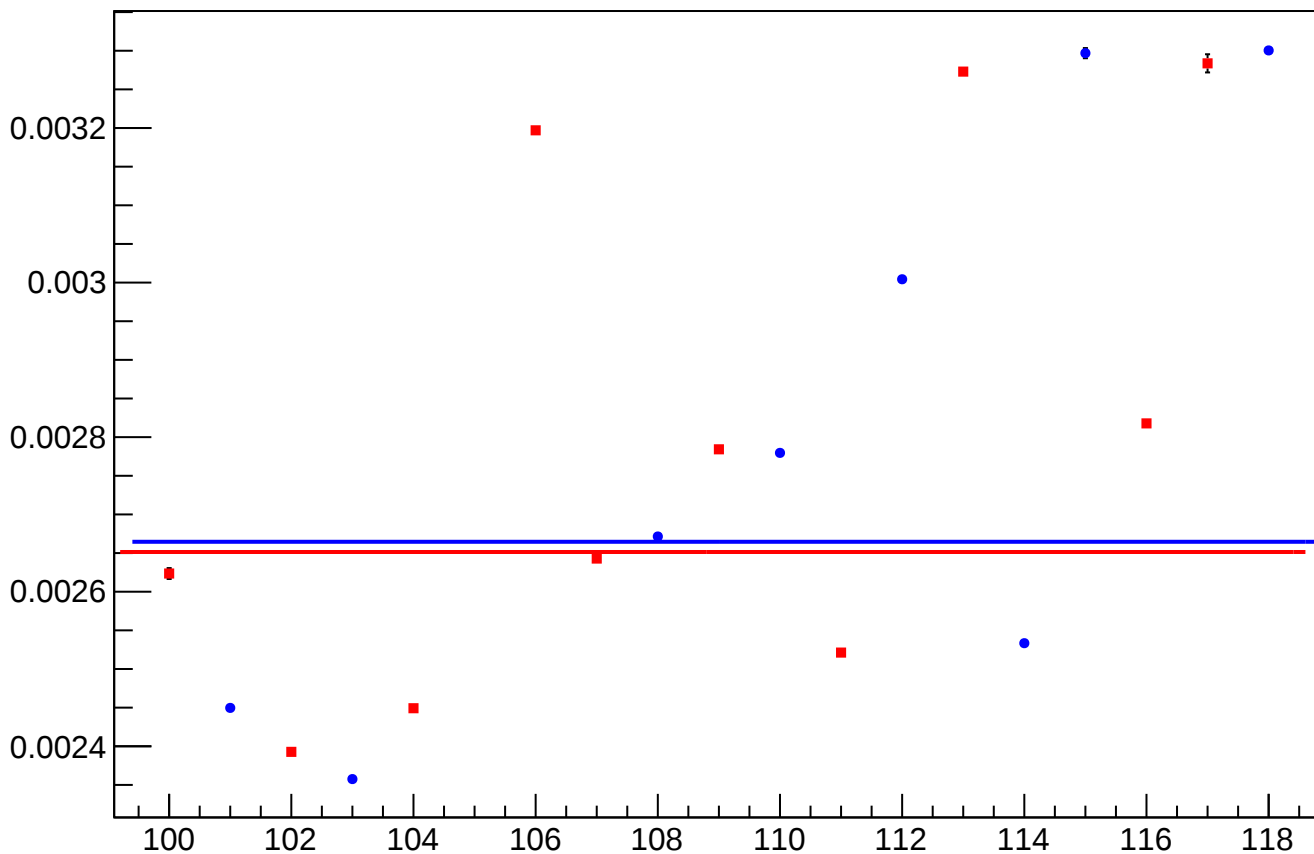
Right Out: 0.558+/-0.000 χ^2/NDF : 18788778365.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.513+/-0.000 χ^2/NDF : 16980114062.1/7

0.558+/-0.000 χ^2/NDF : 18788778365.6/9

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 81834.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

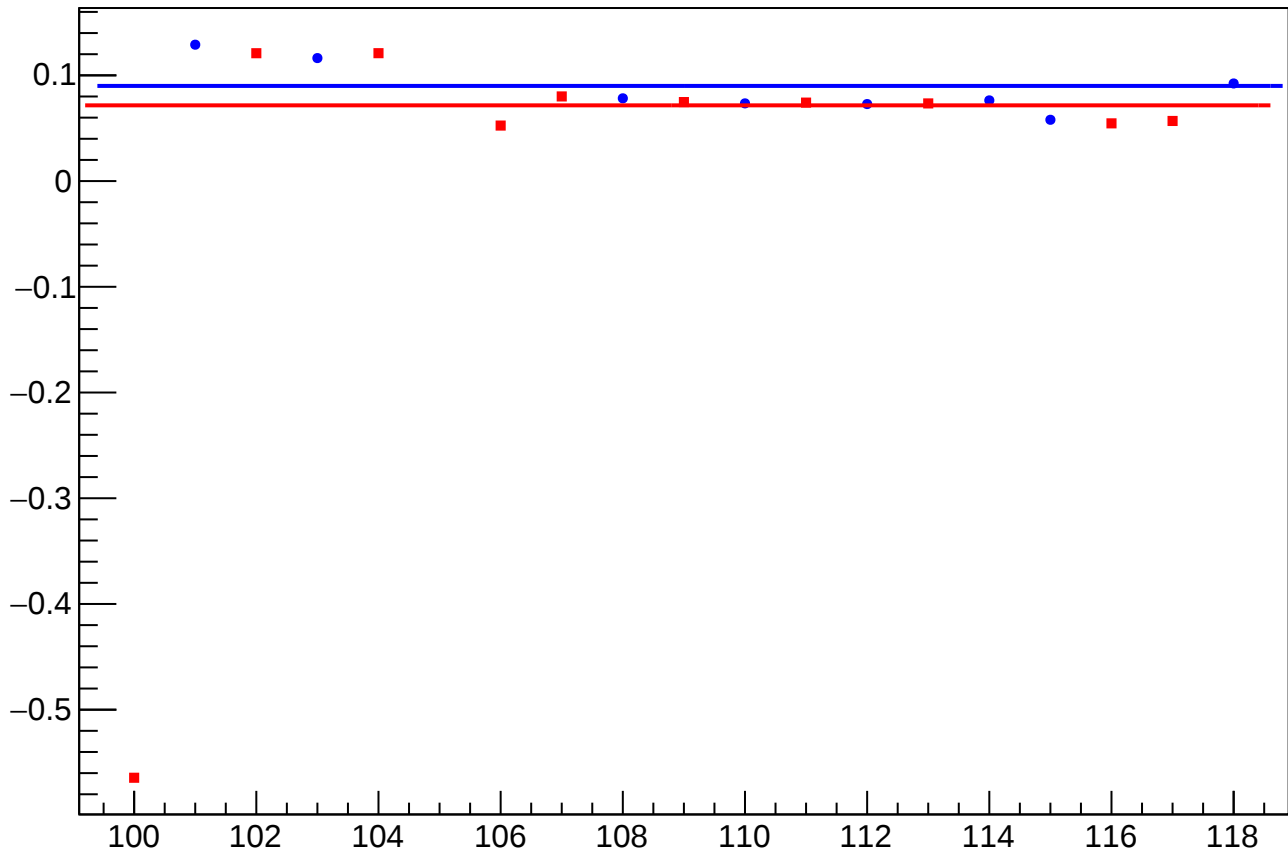
Right Out: 0.003+/-0.000 χ^2/NDF : 69074.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 81834.4/7

0.003+/-0.000 χ^2/NDF : 69074.1/9

yield_bpm0l08X_mean vs Slug



Right In: 0.090+/-0.000 χ^2/NDF : 14123743.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

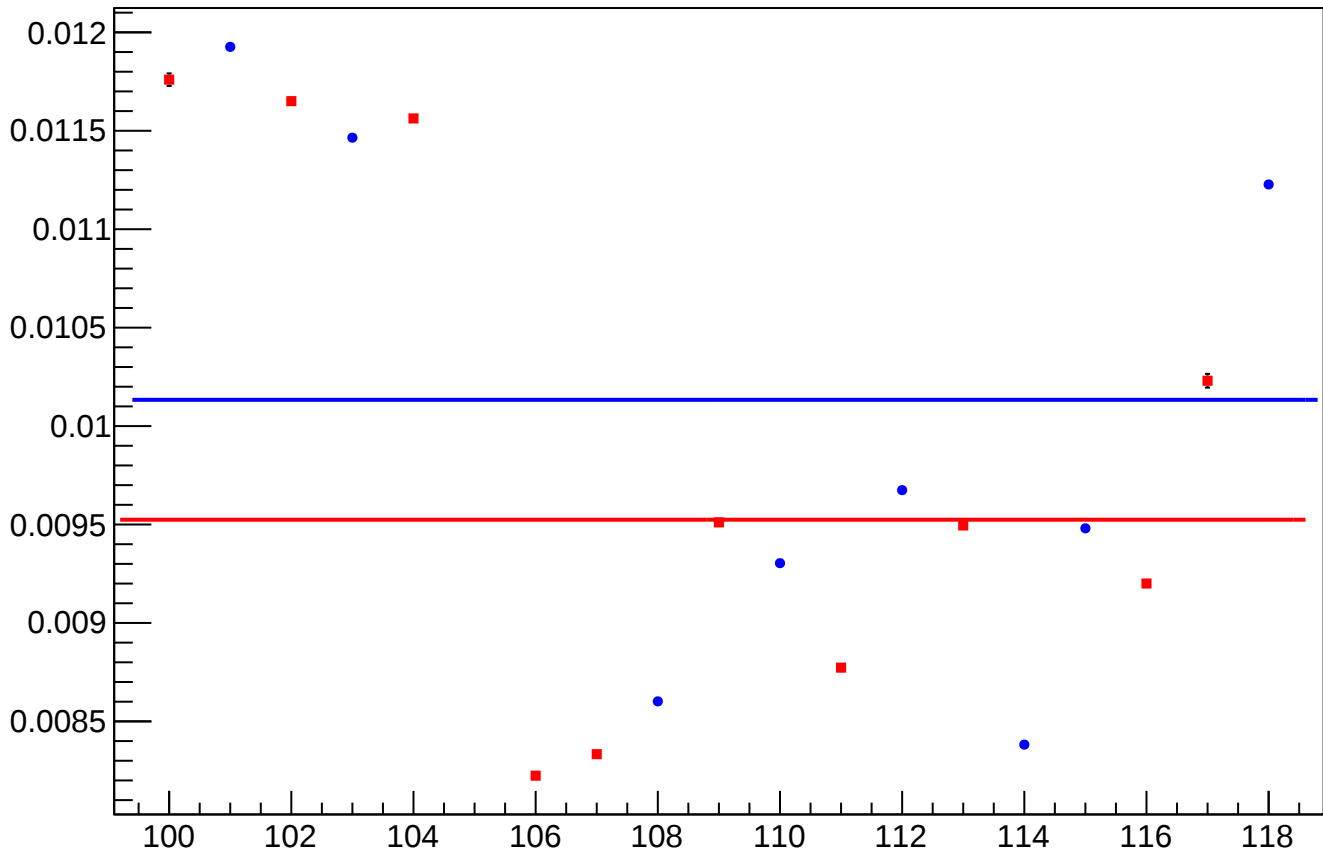
0.090+/-0.000 χ^2/NDF : 14123743.7/7

Right Out: 0.072+/-0.000 χ^2/NDF : 220532914.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 220532914.3/9

yield_bpm0l08X_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 91749.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

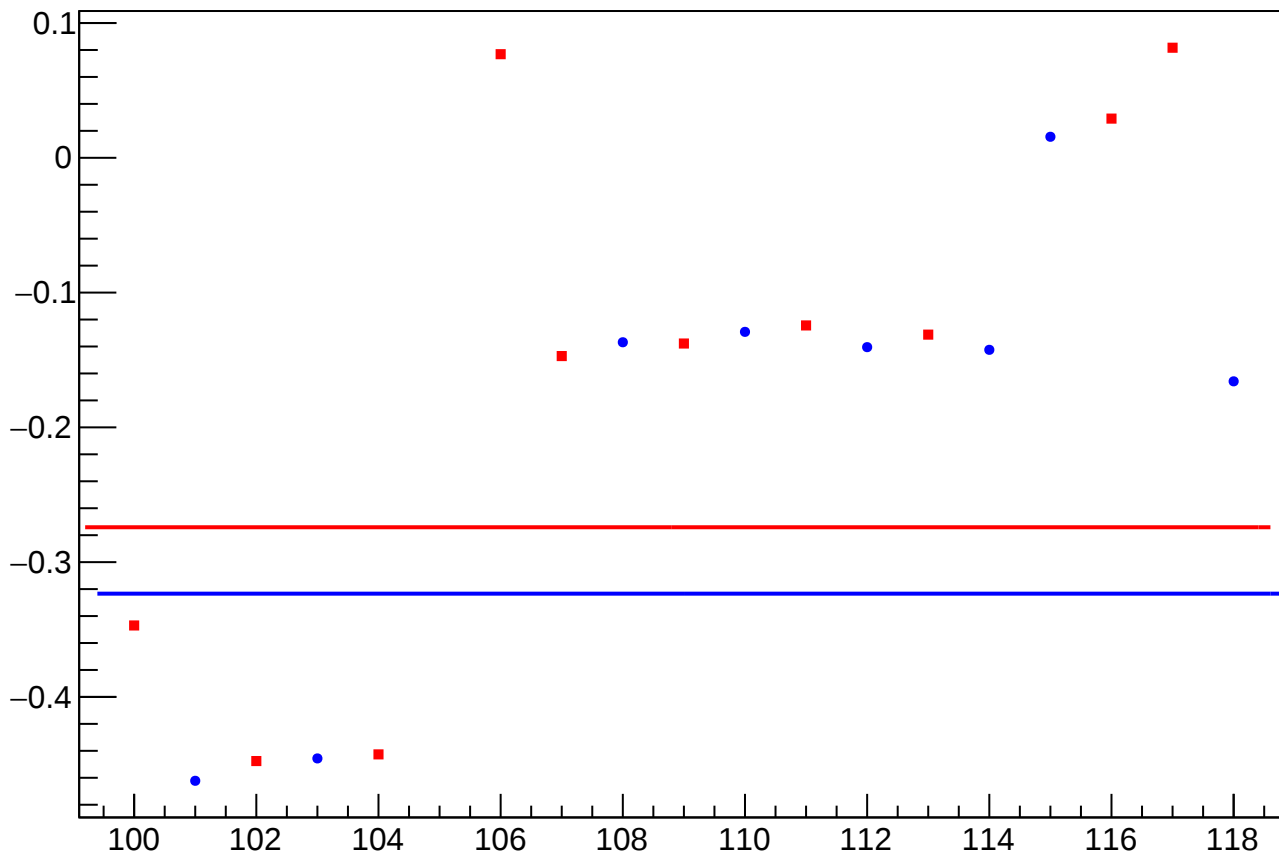
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 106299.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.010 $\pm$ 0.000 χ^2 /NDF: 91749.3/7

0.010 $\pm$ 0.000 χ^2 /NDF: 106299.4/9

yield_bpm0l08Y_mean vs Slug



Right In: -0.323+/-0.000 χ^2/NDF : 3755554977.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

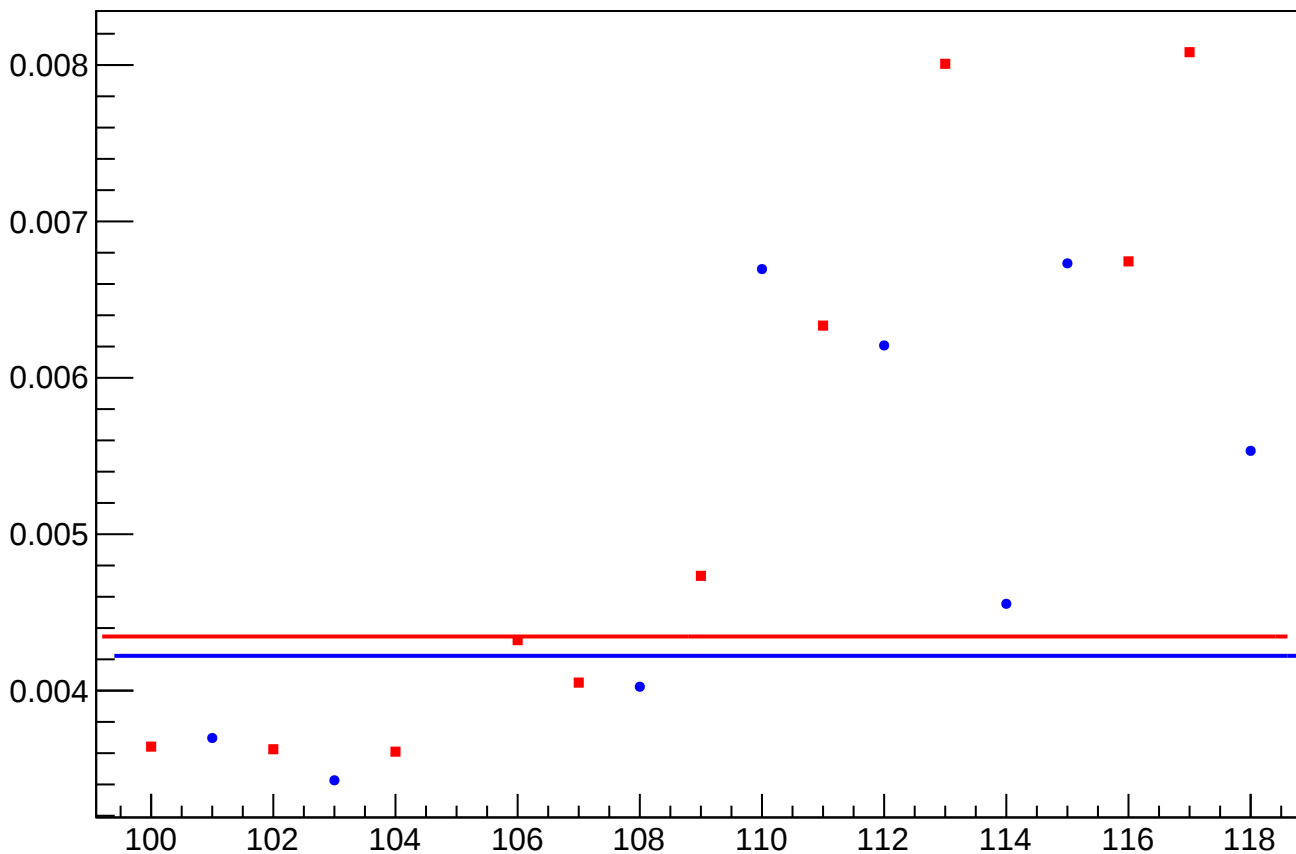
Right Out: -0.274+/-0.000 χ^2/NDF : 5190267365.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.323+/-0.000 χ^2/NDF : 3755554977.8/7

-0.274+/-0.000 χ^2/NDF : 5190267365.6/9

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 335133.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

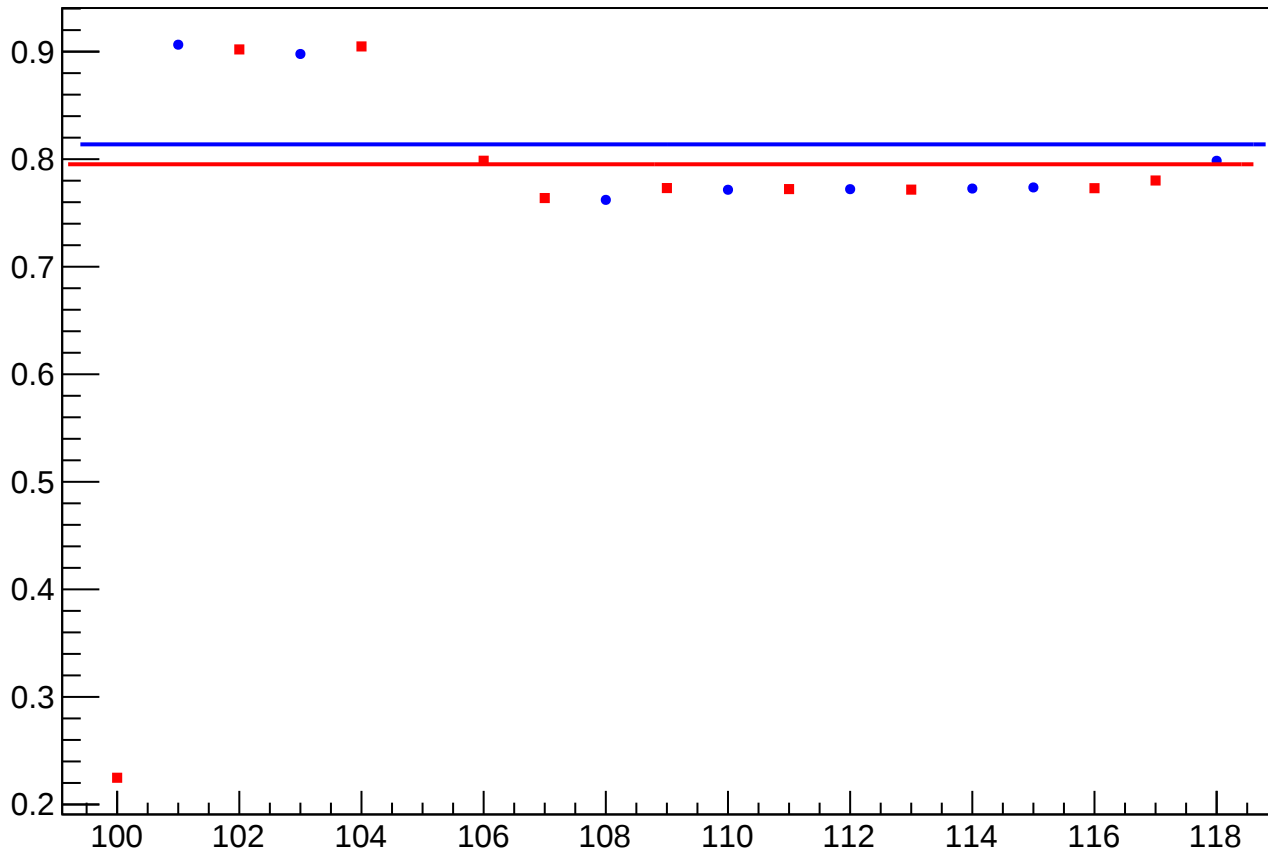
Right Out: 0.004+/-0.000 χ^2/NDF : 422055.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 335133.4/7

0.004+/-0.000 χ^2/NDF : 422055.7/9

yield_bpm0l09X_mean vs Slug



Right In: 0.814+/-0.000 χ^2/NDF : 83836687.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

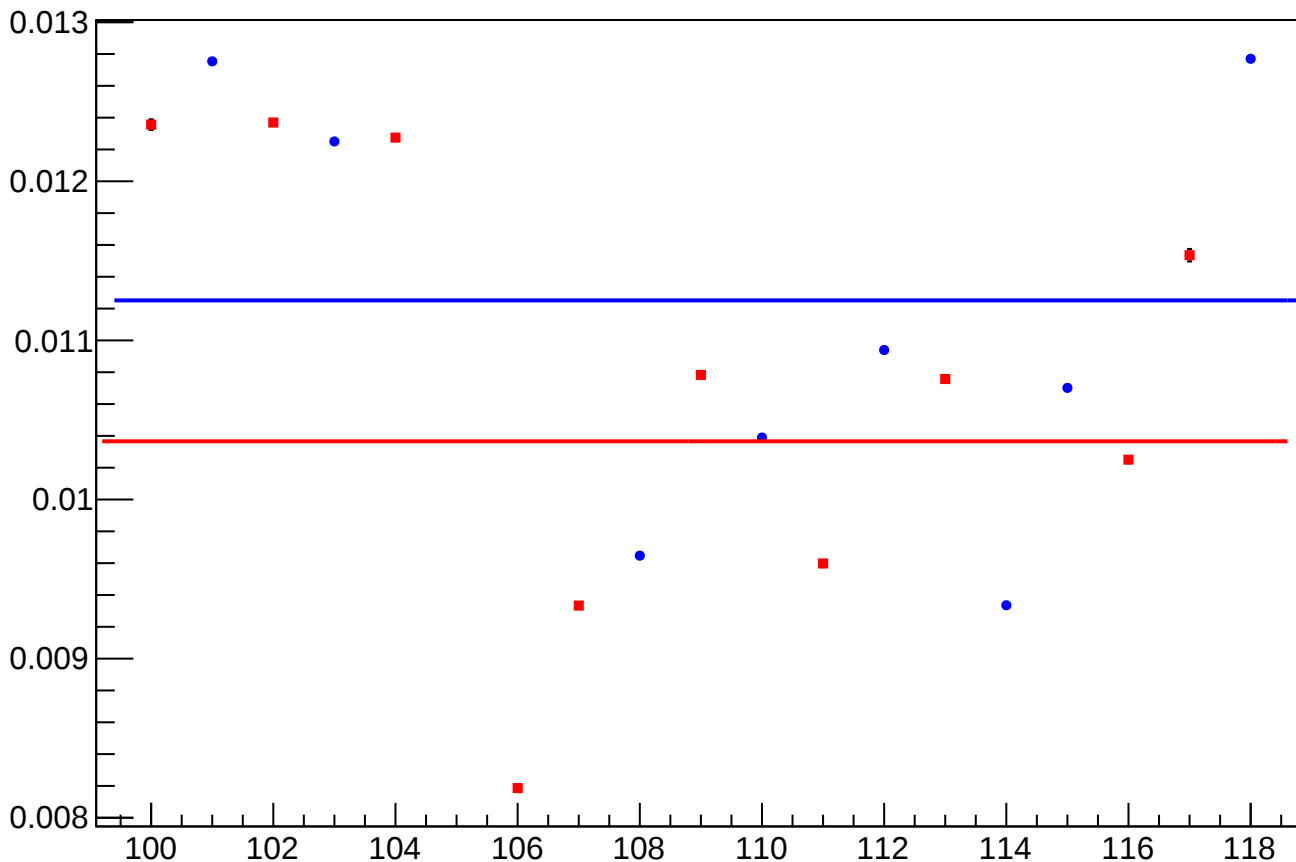
Right Out: 0.795+/-0.000 χ^2/NDF : 234988212.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.814+/-0.000 χ^2/NDF : 83836687.1/7

0.795+/-0.000 χ^2/NDF : 234988212.1/9

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 72424.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

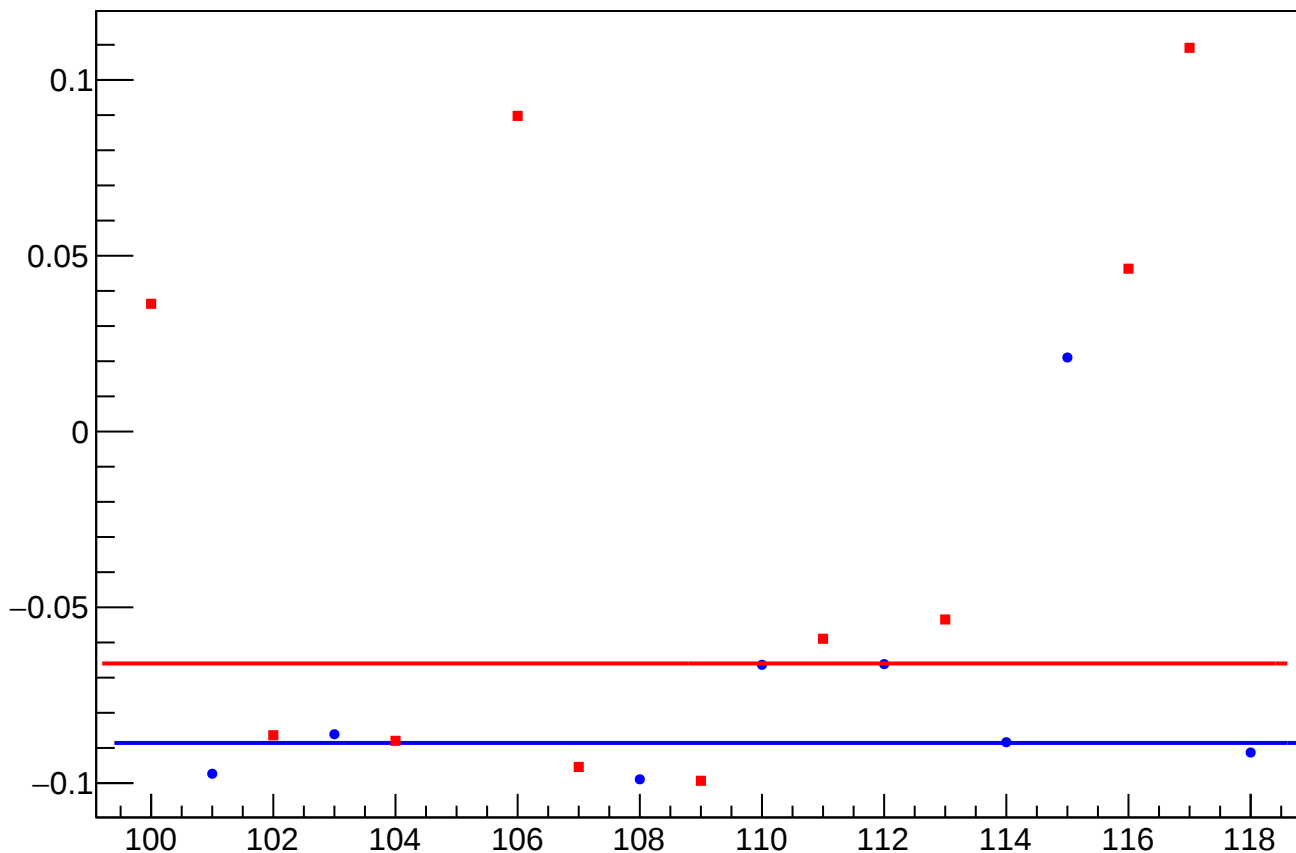
Right Out: 0.010+/-0.000 χ^2/NDF : 113563.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 72424.9/7

0.010+/-0.000 χ^2/NDF : 113563.3/9

yield_bpm0l09Y_mean vs Slug



Right In: -0.089+/-0.000 χ^2/NDF : 34952977.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

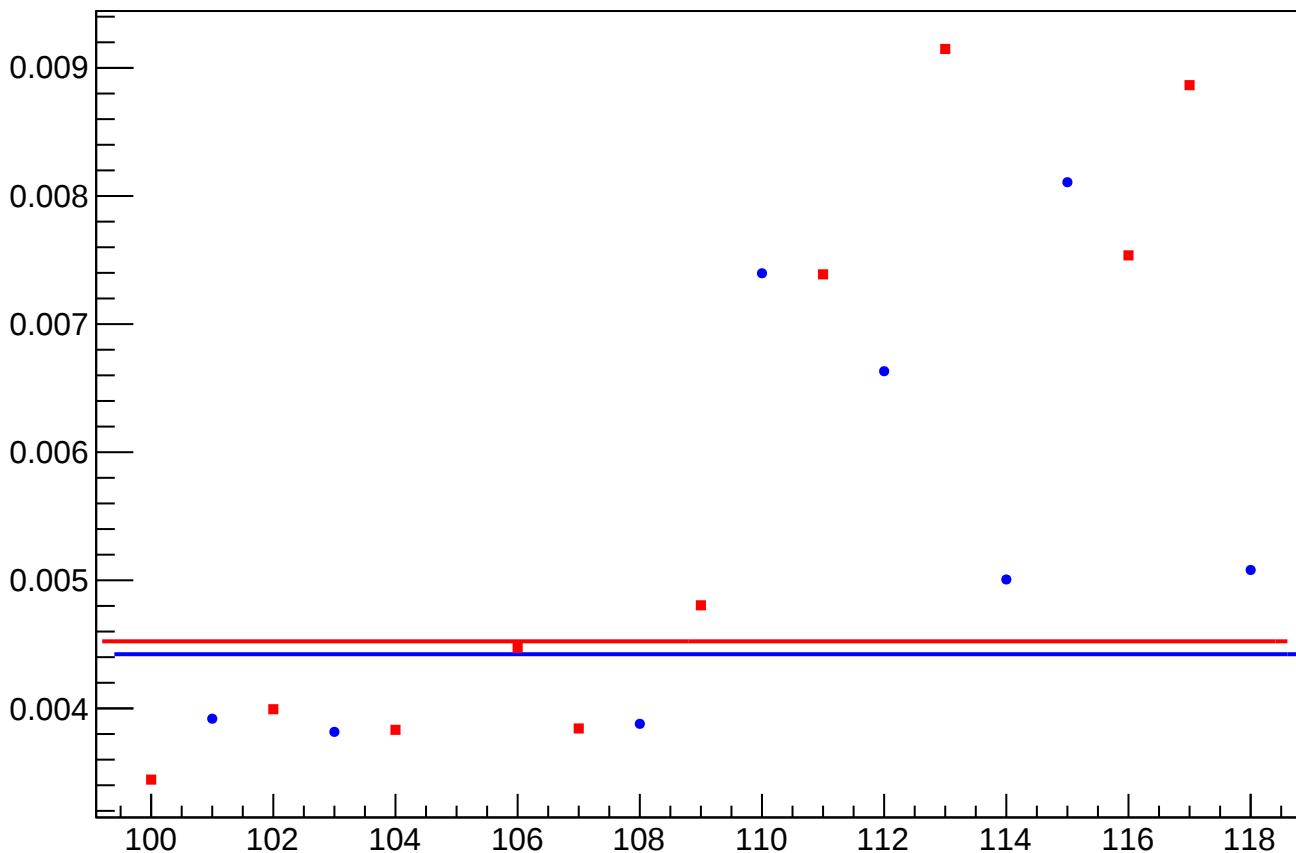
Right Out: -0.066+/-0.000 χ^2/NDF : 432506043.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.089+/-0.000 χ^2/NDF : 34952977.2/7

-0.066+/-0.000 χ^2/NDF : 432506043.6/9

yield_bpm0l09Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 307899.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

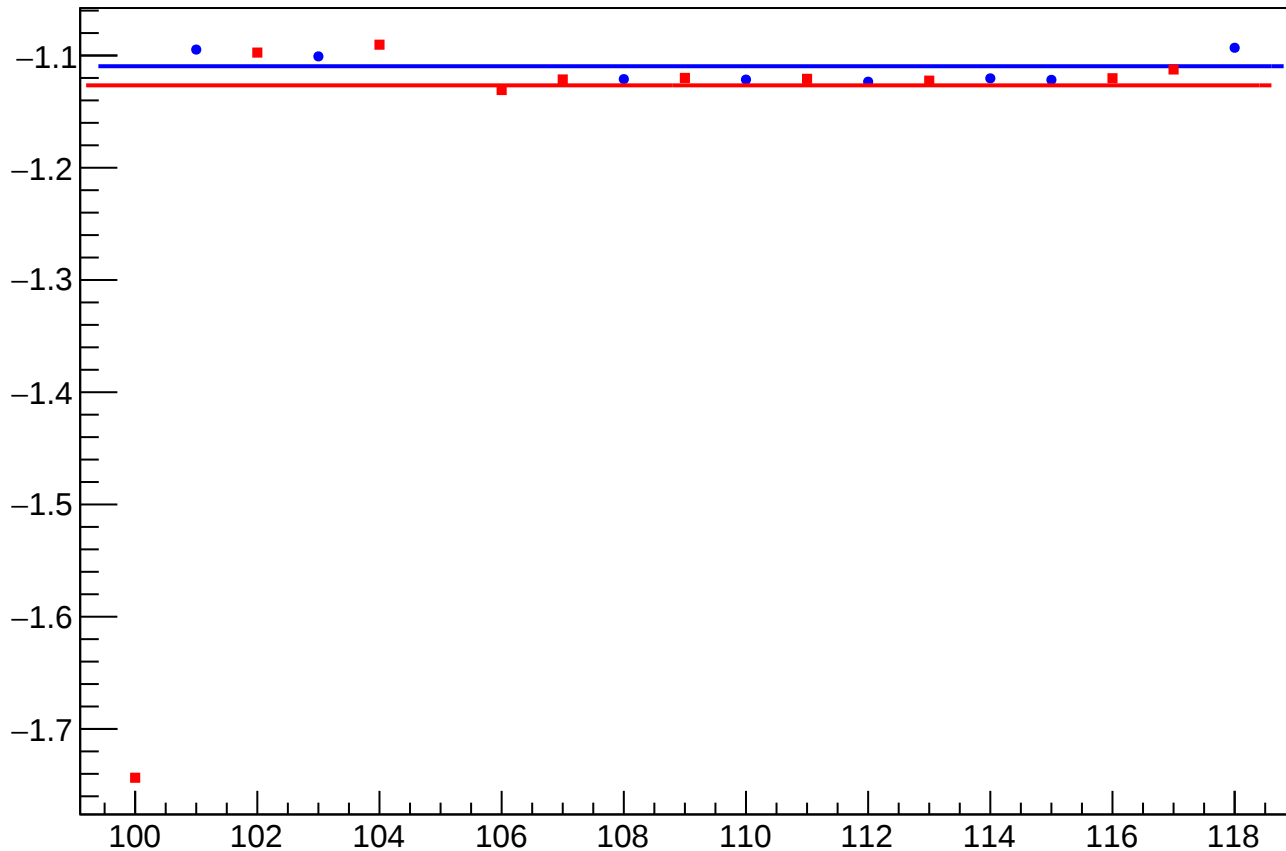
Right Out: 0.005+/-0.000 χ^2/NDF : 499720.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 307899.8/7

0.005+/-0.000 χ^2/NDF : 499720.2/9

yield_bpm0l10X_mean vs Slug



Right In: -1.110+/-0.000 χ^2/NDF : 3448467.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

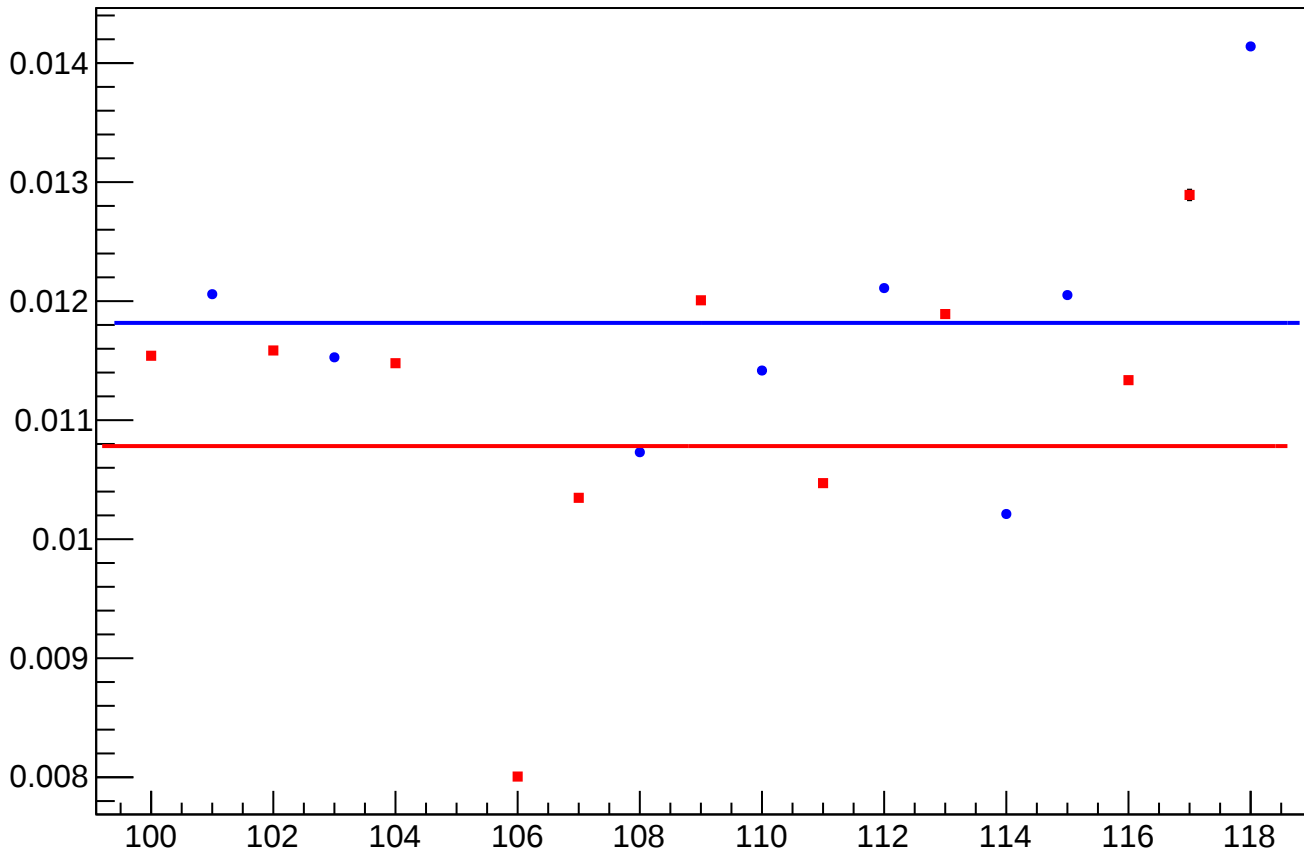
Right Out: -1.127+/-0.000 χ^2/NDF : 204551919.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.110+/-0.000 χ^2/NDF : 3448467.4/7

-1.127+/-0.000 χ^2/NDF : 204551919.0/9

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 40625.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

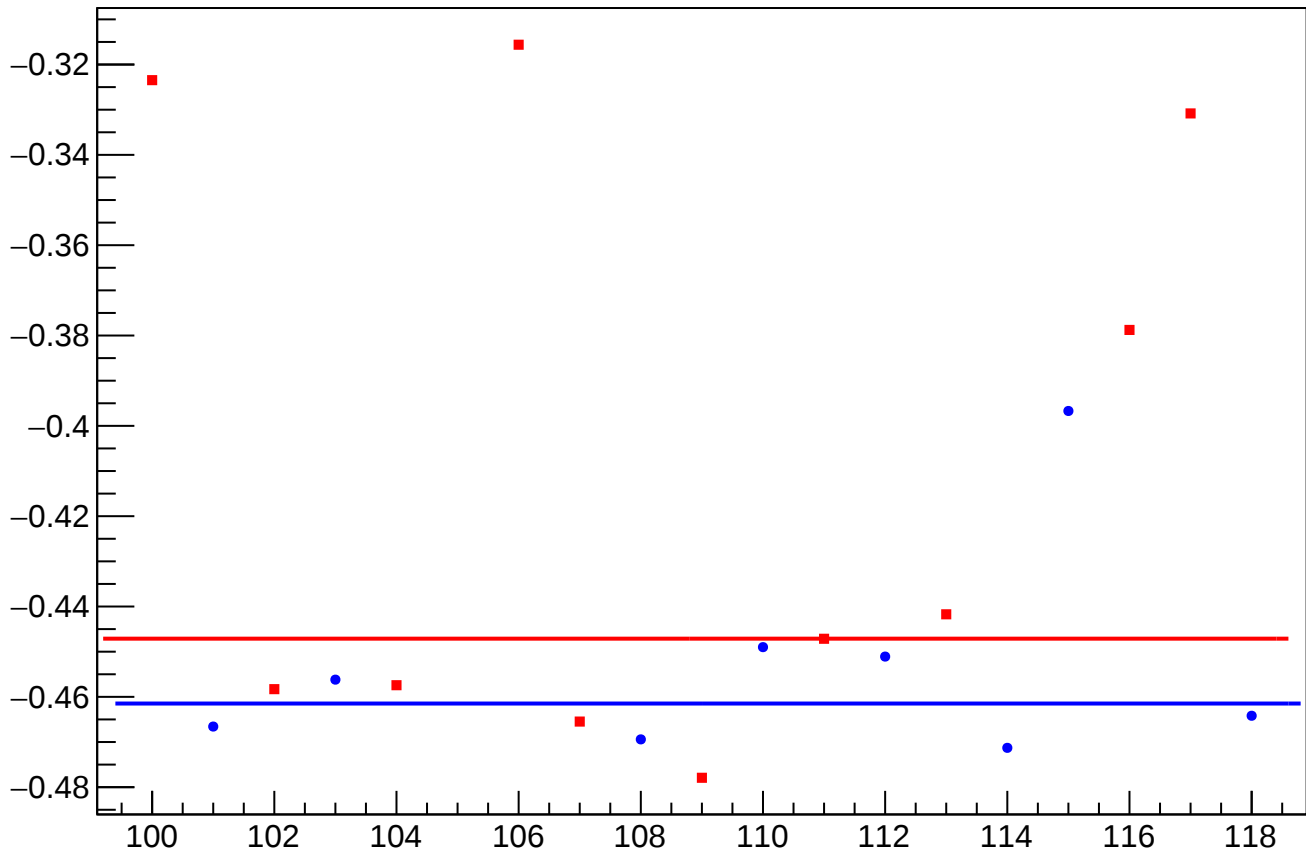
Right Out: 0.011+/-0.000 χ^2/NDF : 103182.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 40625.5/7

0.011+/-0.000 χ^2/NDF : 103182.3/9

yield_bpm0l10Y_mean vs Slug



Right In: -0.461+/-0.000 χ^2/NDF : 20892111.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

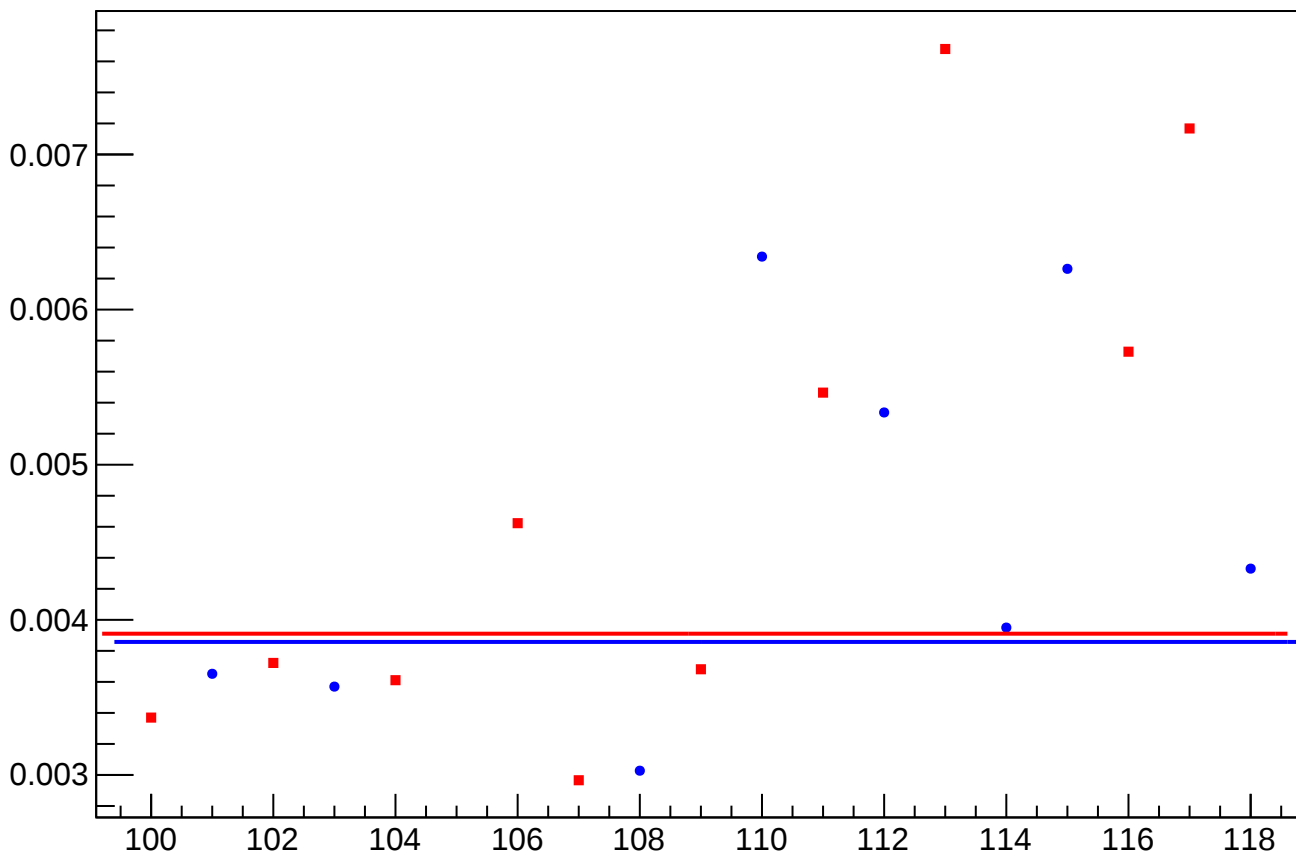
Right Out: -0.447+/-0.000 χ^2/NDF : 350422054.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.461+/-0.000 χ^2/NDF : 20892111.6/7

-0.447+/-0.000 χ^2/NDF : 350422054.7/9

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 259119.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

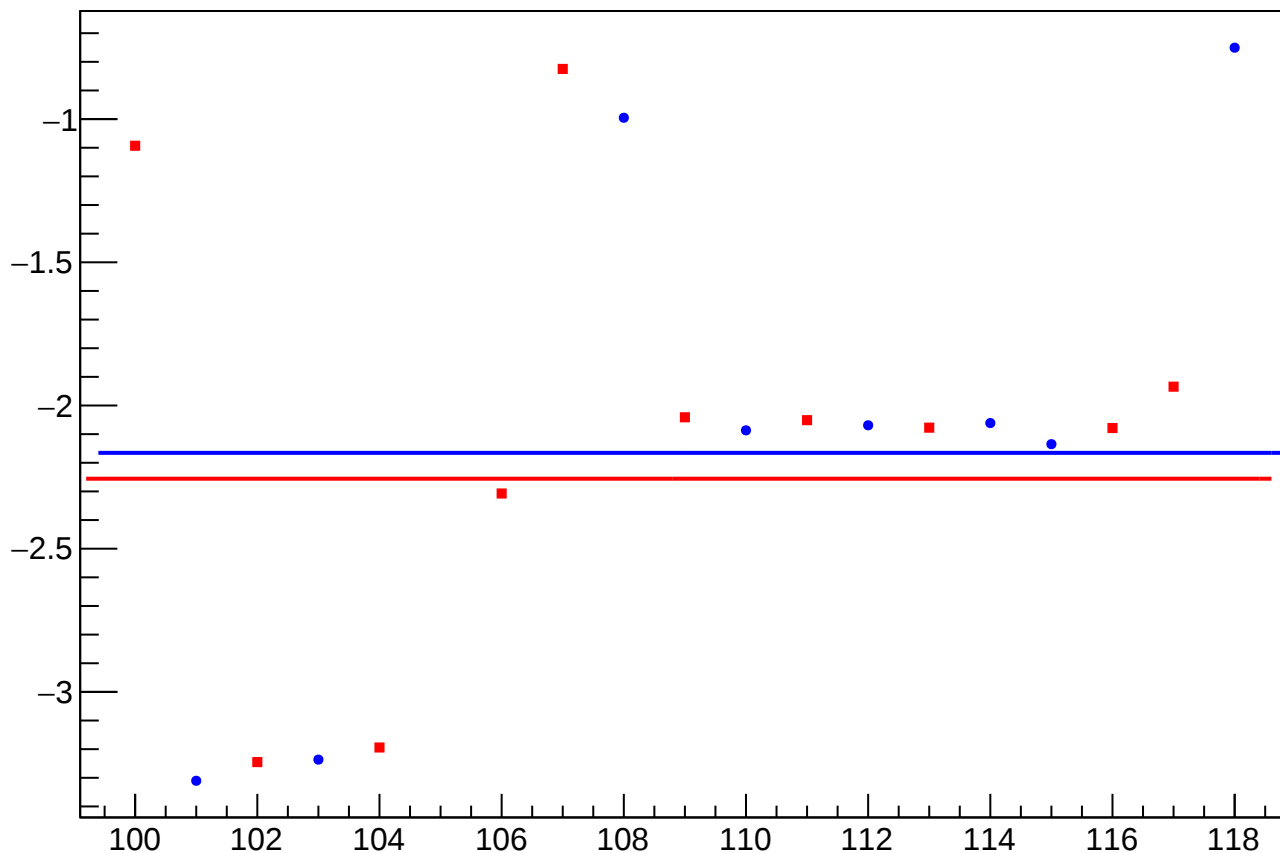
Right Out: 0.004+/-0.000 χ^2/NDF : 412638.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 259119.8/7

0.004+/-0.000 χ^2/NDF : 412638.5/9

yield_bpm0r03X_mean vs Slug



Right In: -2.165+/-0.000 χ^2/NDF : 572281715.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

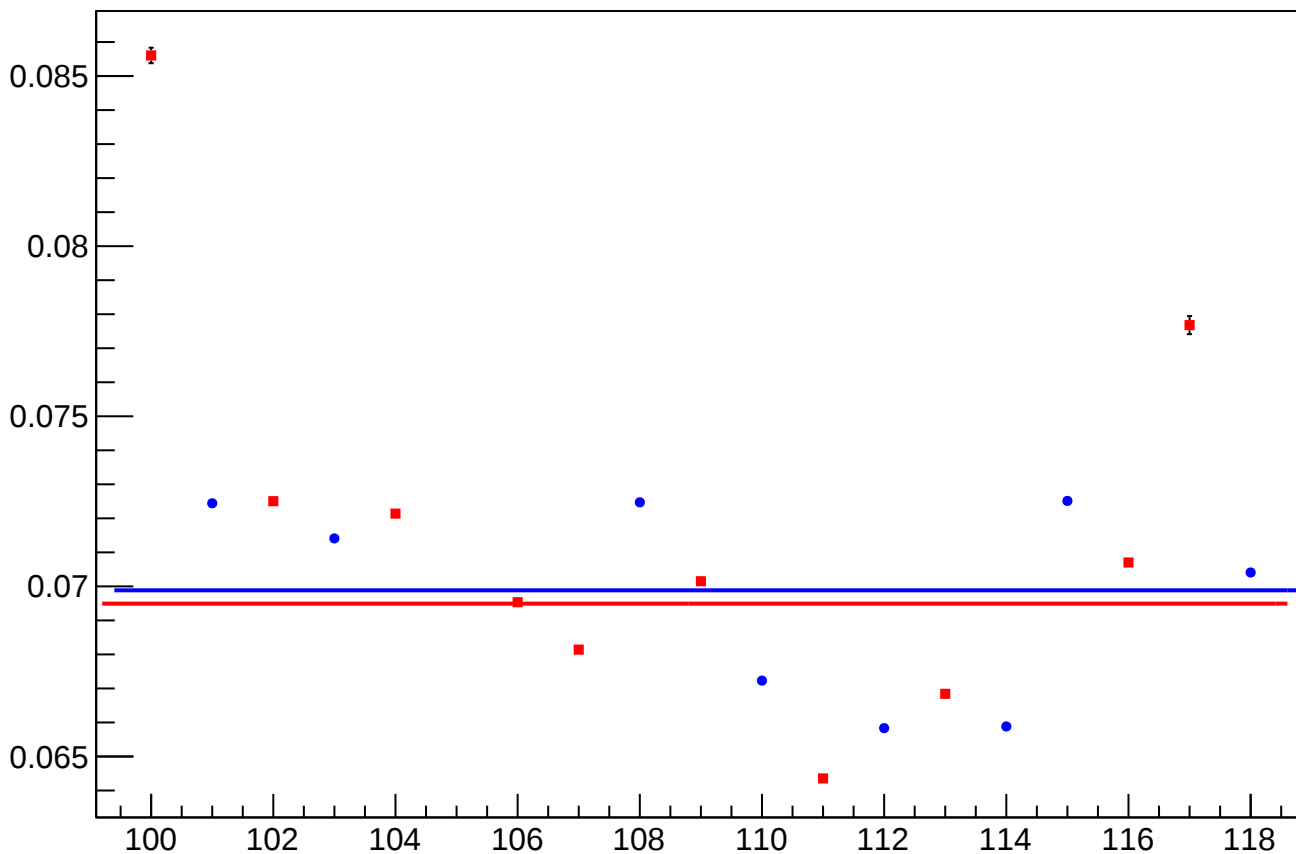
Right Out: -2.256+/-0.000 χ^2/NDF : 363936060.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.165+/-0.000 χ^2/NDF : 572281715.3/7

-2.256+/-0.000 χ^2/NDF : 363936060.2/9

yield_bpm0r03X_rms vs Slug



Right In: 0.070+/-0.000 χ^2/NDF : 8908.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

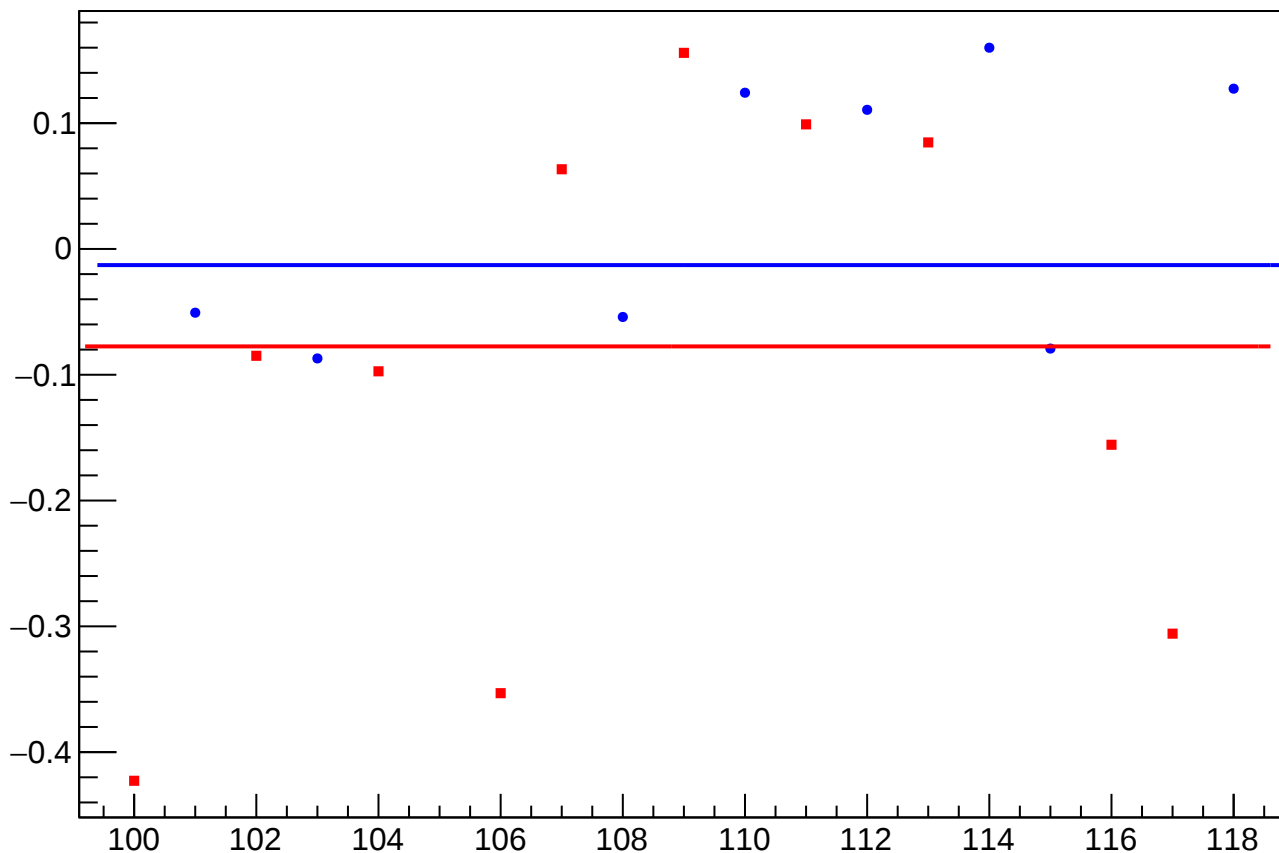
Right Out: 0.069+/-0.000 χ^2/NDF : 16451.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.070+/-0.000 χ^2/NDF : 8908.5/7

0.069+/-0.000 χ^2/NDF : 16451.2/9

yield_bpm0r03Y_mean vs Slug



Right In: -0.013+/-0.000 χ^2/NDF : 181045306.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

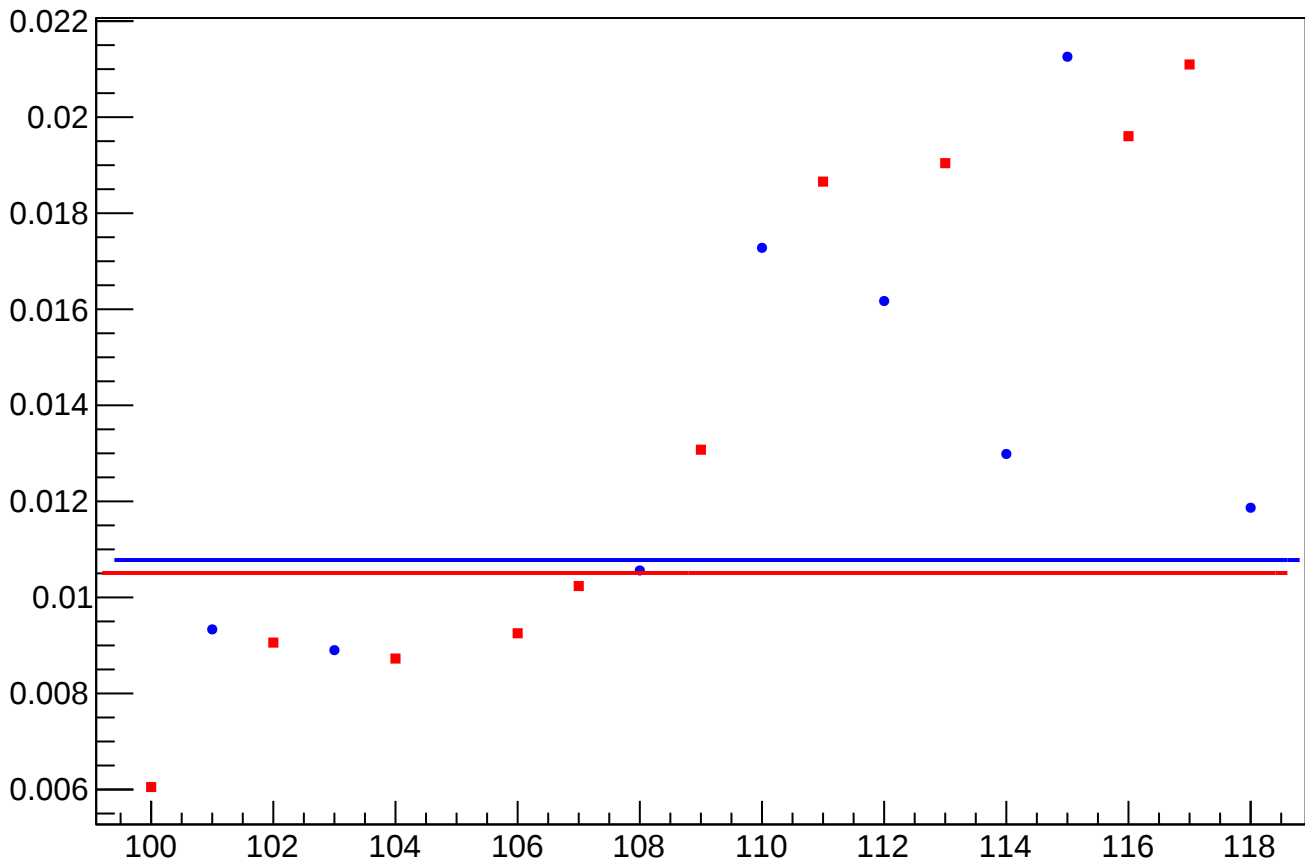
Right Out: -0.077+/-0.000 χ^2/NDF : 696400516.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.013+/-0.000 χ^2/NDF : 181045306.4/7

-0.077+/-0.000 χ^2/NDF : 696400516.4/9

yield_bpm0r03Y_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 327599.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

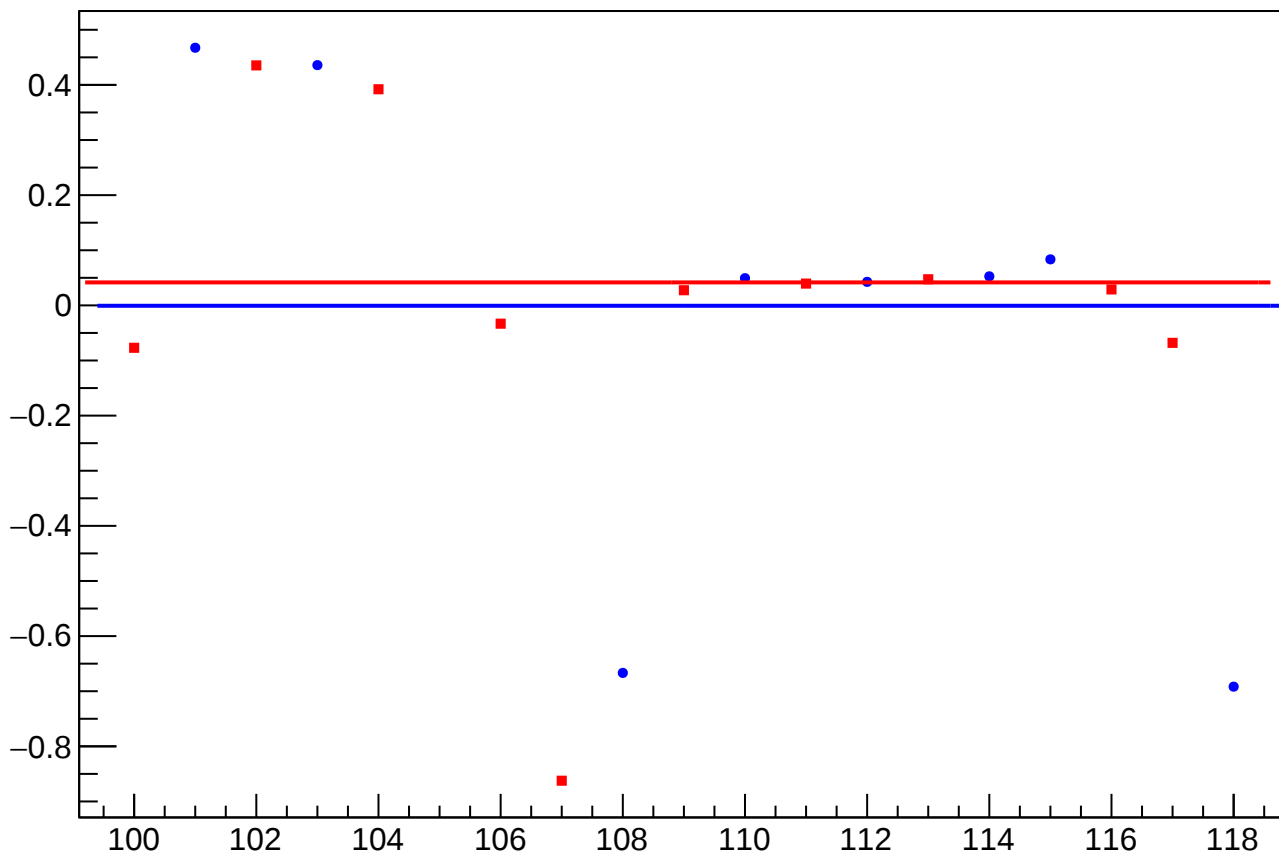
Right Out: 0.011+/-0.000 χ^2/NDF : 618981.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 327599.0/7

0.011+/-0.000 χ^2/NDF : 618981.9/9

yield_bpm0r05X_mean vs Slug



Right In: -0.001+/-0.000 χ^2 /NDF: 80976152.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

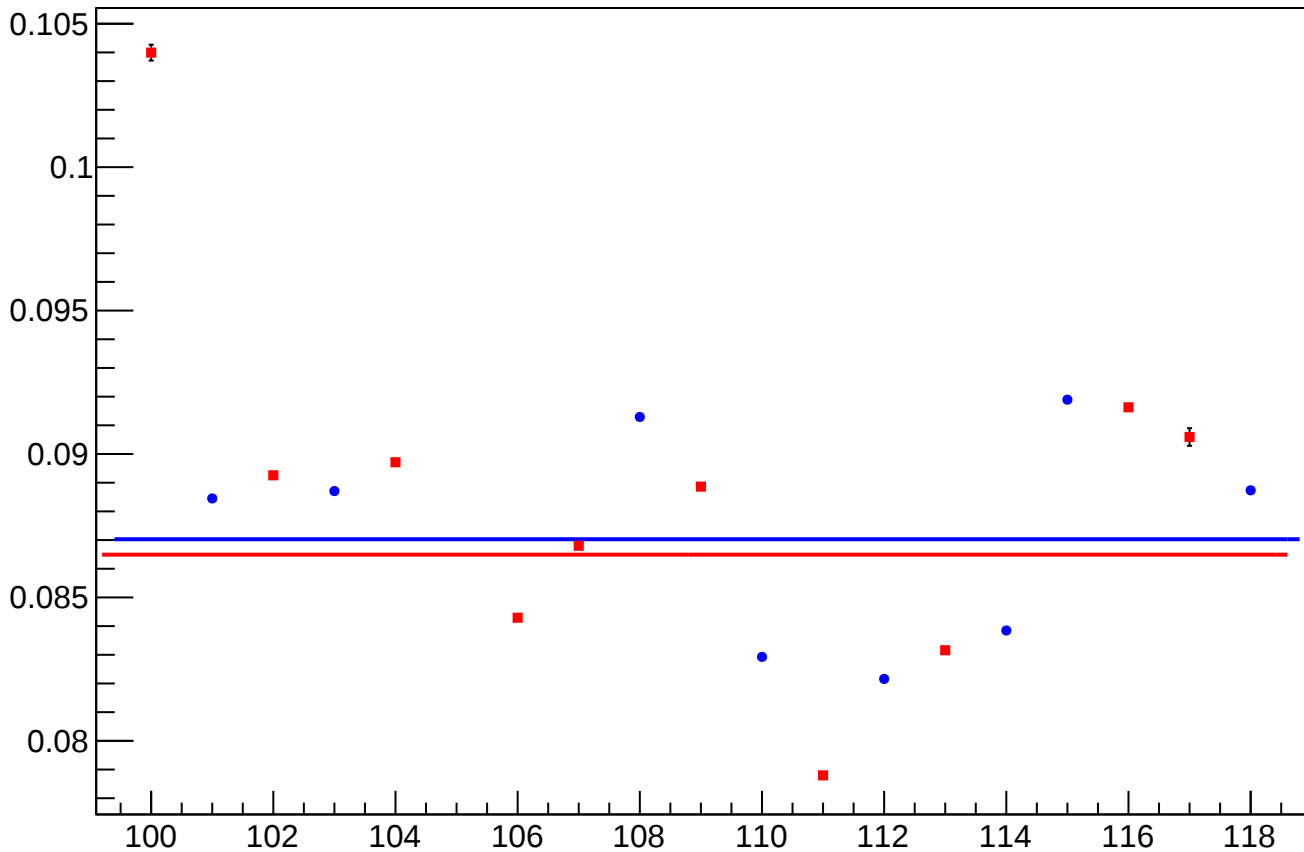
Right Out: 0.042+/-0.000 χ^2 /NDF: 56755620.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.001+/-0.000 χ^2 /NDF: 80976152.1/7

0.042+/-0.000 χ^2 /NDF: 56755620.4/9

yield_bpm0r05X_rms vs Slug



Right In: 0.087+/-0.000 χ^2/NDF : 8916.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

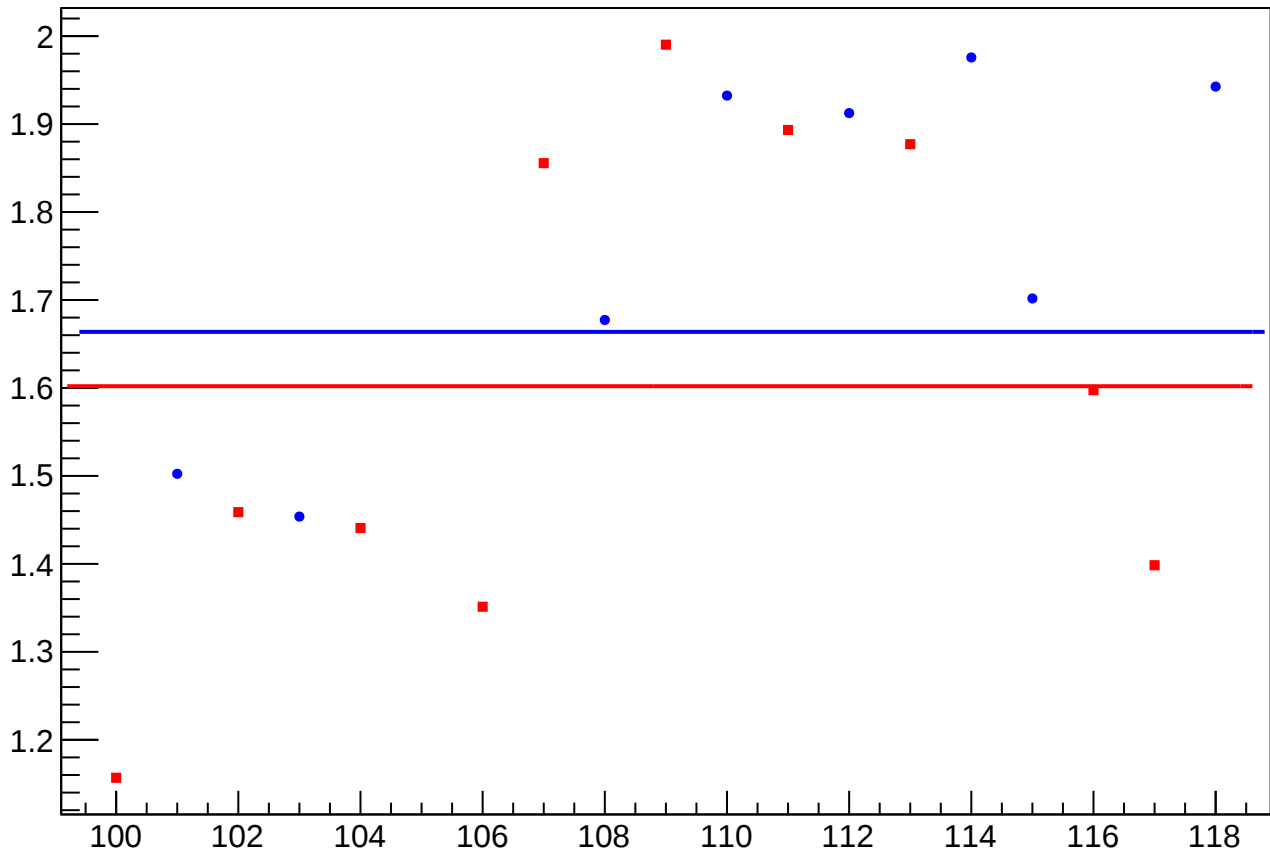
Right Out: 0.086+/-0.000 χ^2/NDF : 18837.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 8916.4/7

0.086+/-0.000 χ^2/NDF : 18837.4/9

yield_bpm0r05Y_mean vs Slug



Right In: 1.664+/-0.000 χ^2/NDF : 546565148.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

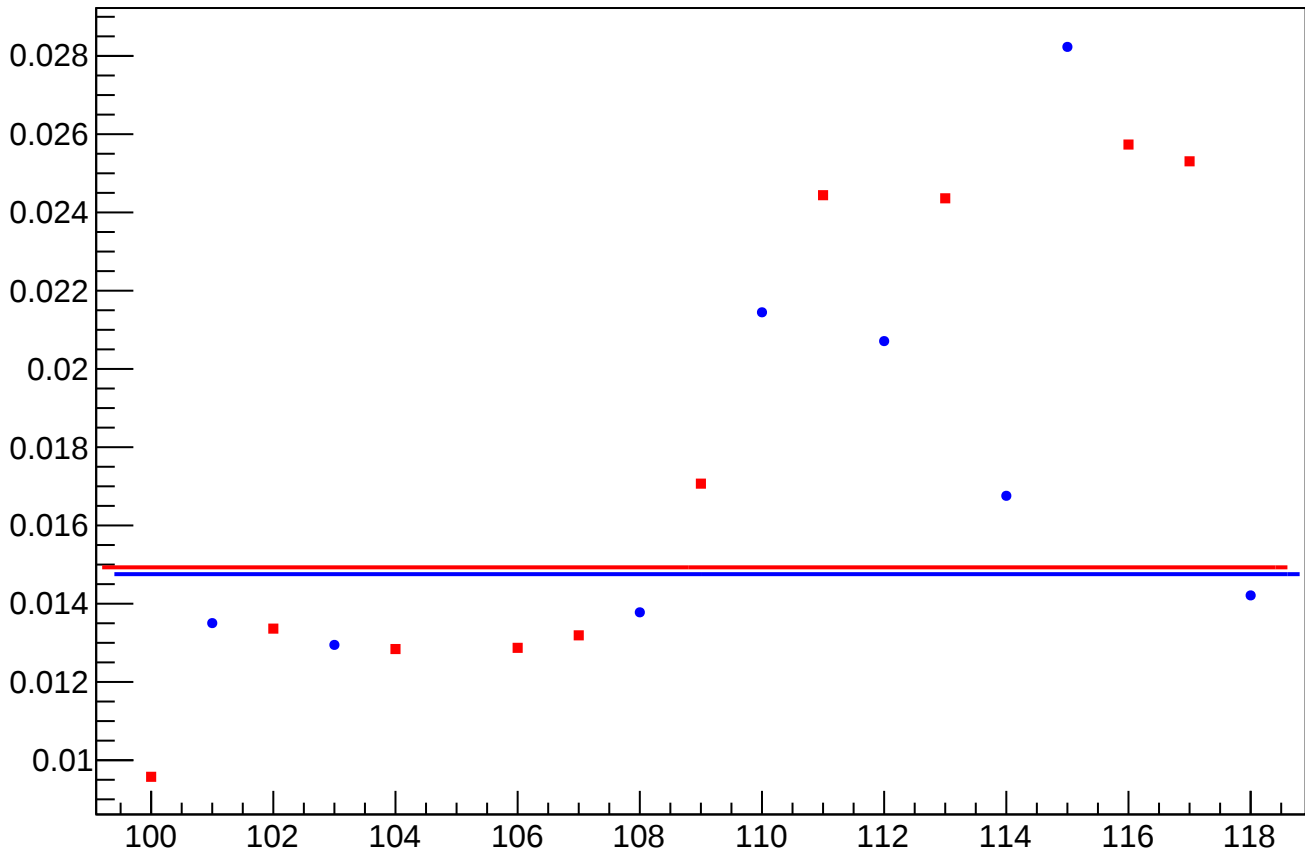
1.664+/-0.000 χ^2/NDF : 546565148.0/7

Right Out: 1.602+/-0.000 χ^2/NDF : 849060908.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.602+/-0.000 χ^2/NDF : 849060908.7/9

yield_bpm0r05Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 221079.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

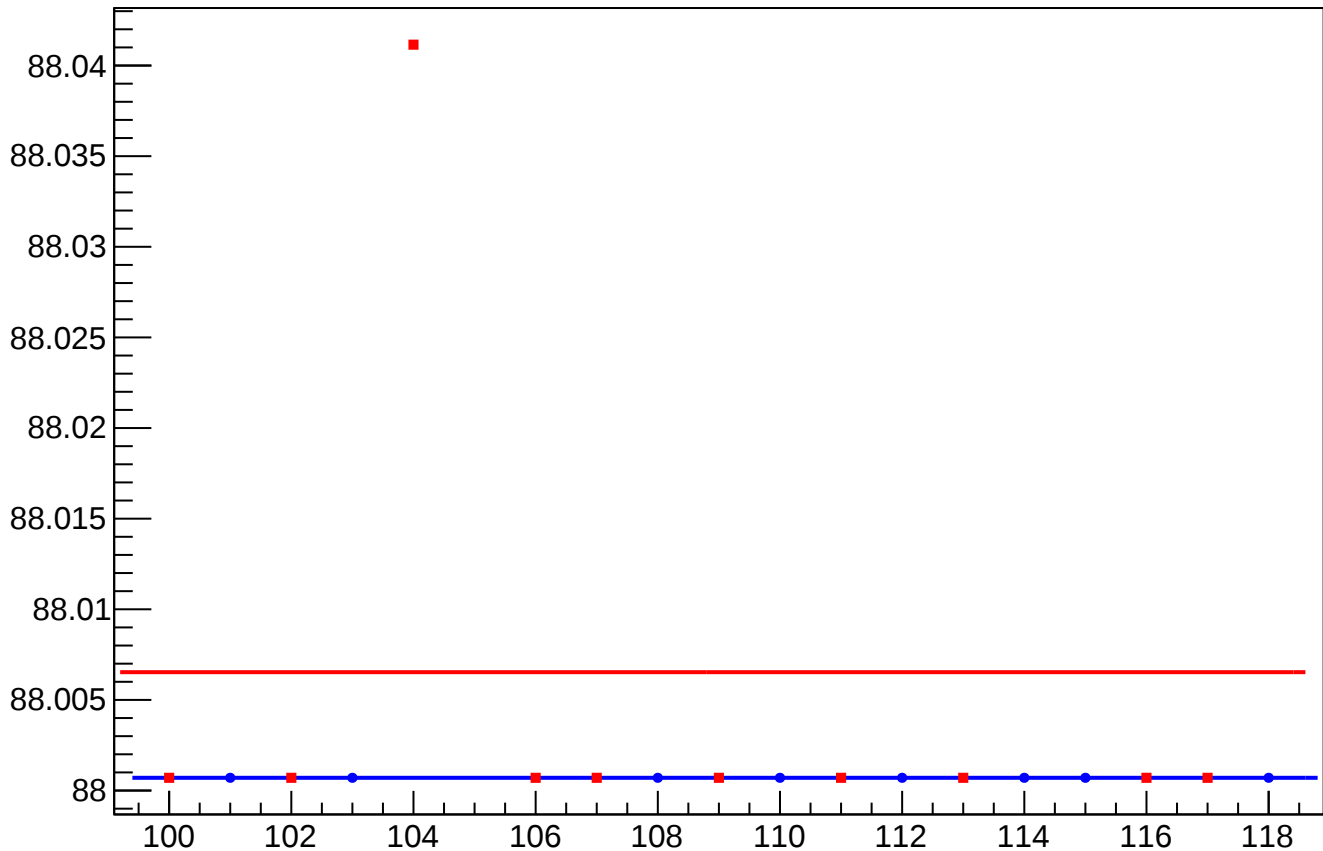
Right Out: 0.015+/-0.000 χ^2/NDF : 452845.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 221079.4/7

0.015+/-0.000 χ^2/NDF : 452845.6/9

epics_VWienAngles_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 882716.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

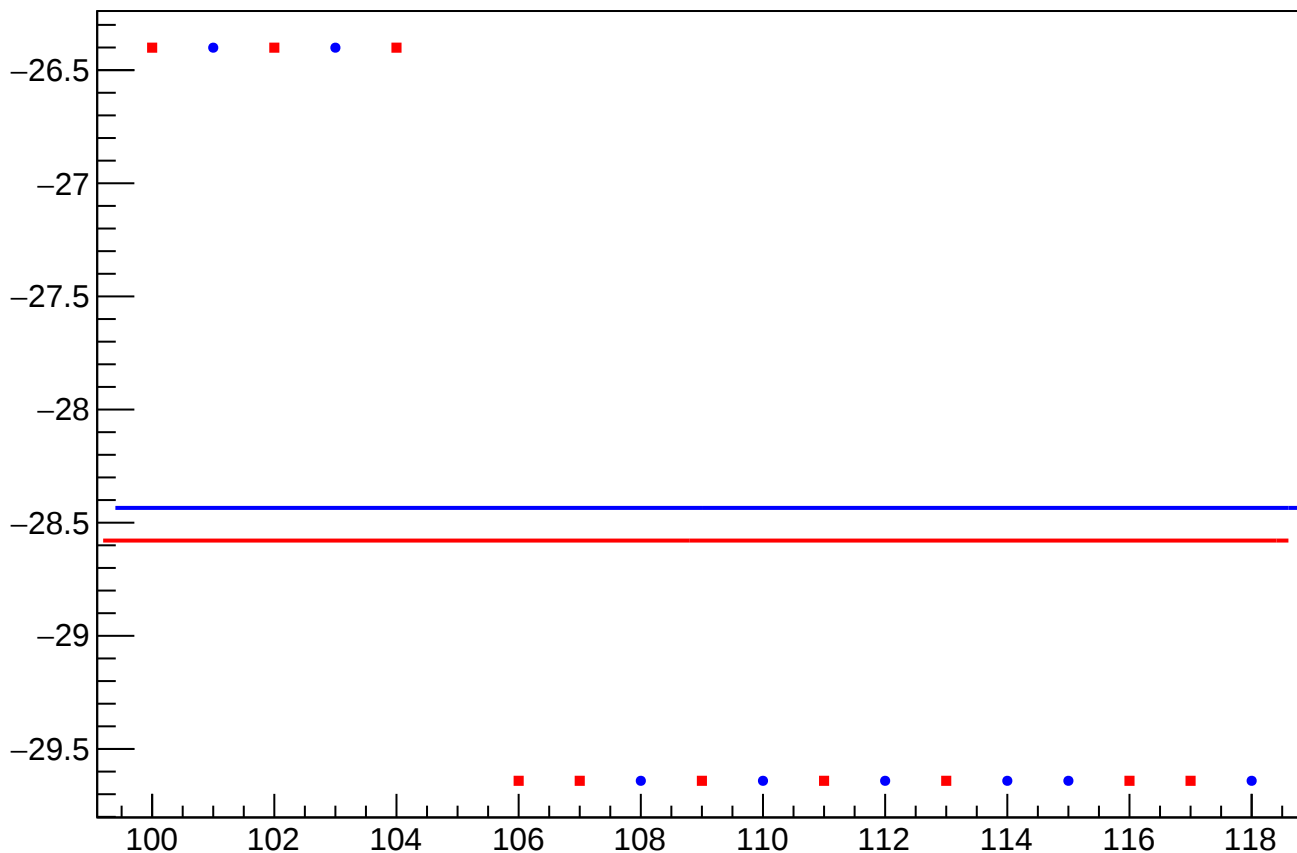
88.001+/-0.000 χ^2/NDF : 882716.4/7

Right Out: 88.007+/-0.000 χ^2/NDF : 71418848656916499344935354368.0/9

88.007+/-0.000 χ^2/NDF : 714188486569164993

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs Slug



Right In: -28.435+/-0.000 χ^2/NDF : 777617170977930520397337103171584.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

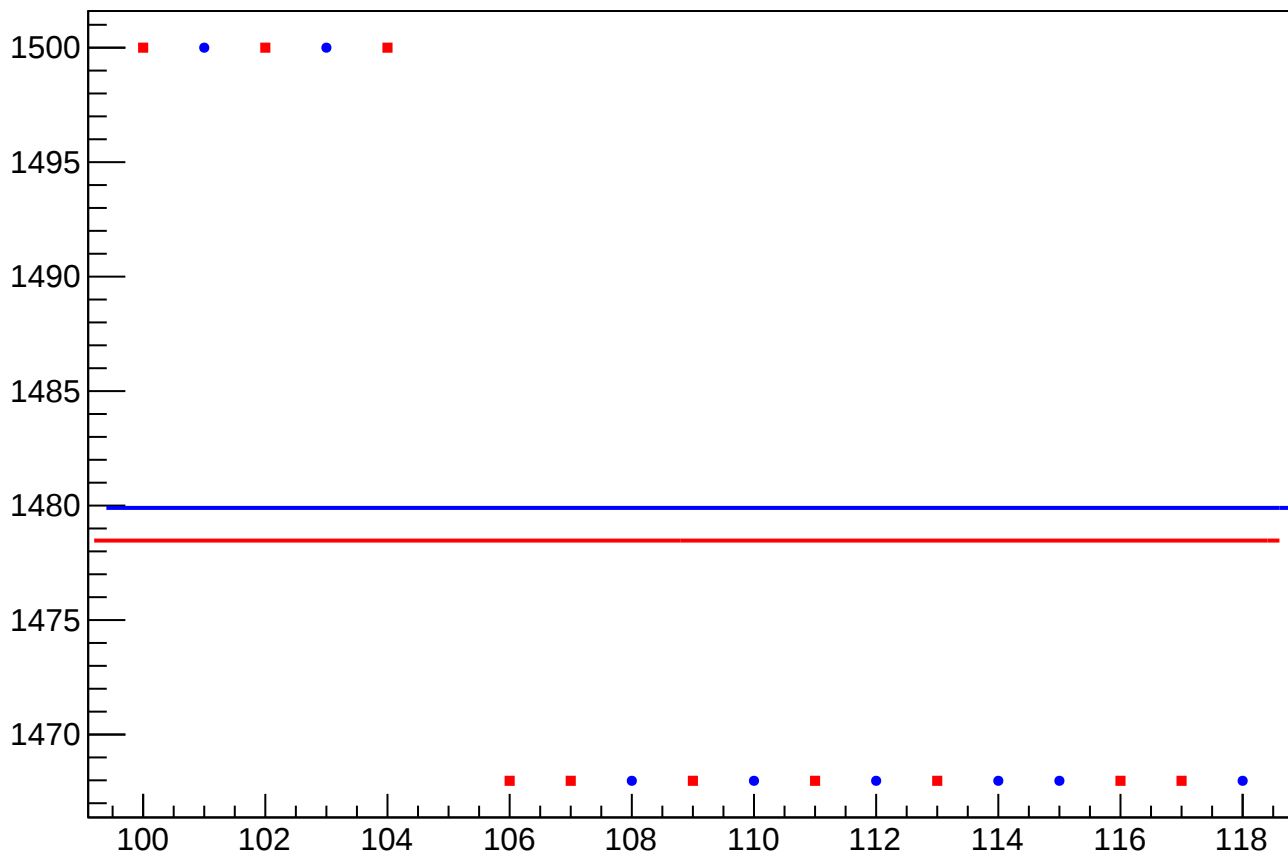
Right Out: -28.579+/-0.000 χ^2/NDF : 818694183050853804720750241775616.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.435+/-0.000 χ^2/NDF : 77761717097793052

-28.579+/-0.000 χ^2/NDF : 81869418305085380

epics_psub_pl_poss_mean vs Slug



Right In: 1479.899+/-0.000 χ^2/NDF : 75955044479799565573849458826805248.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

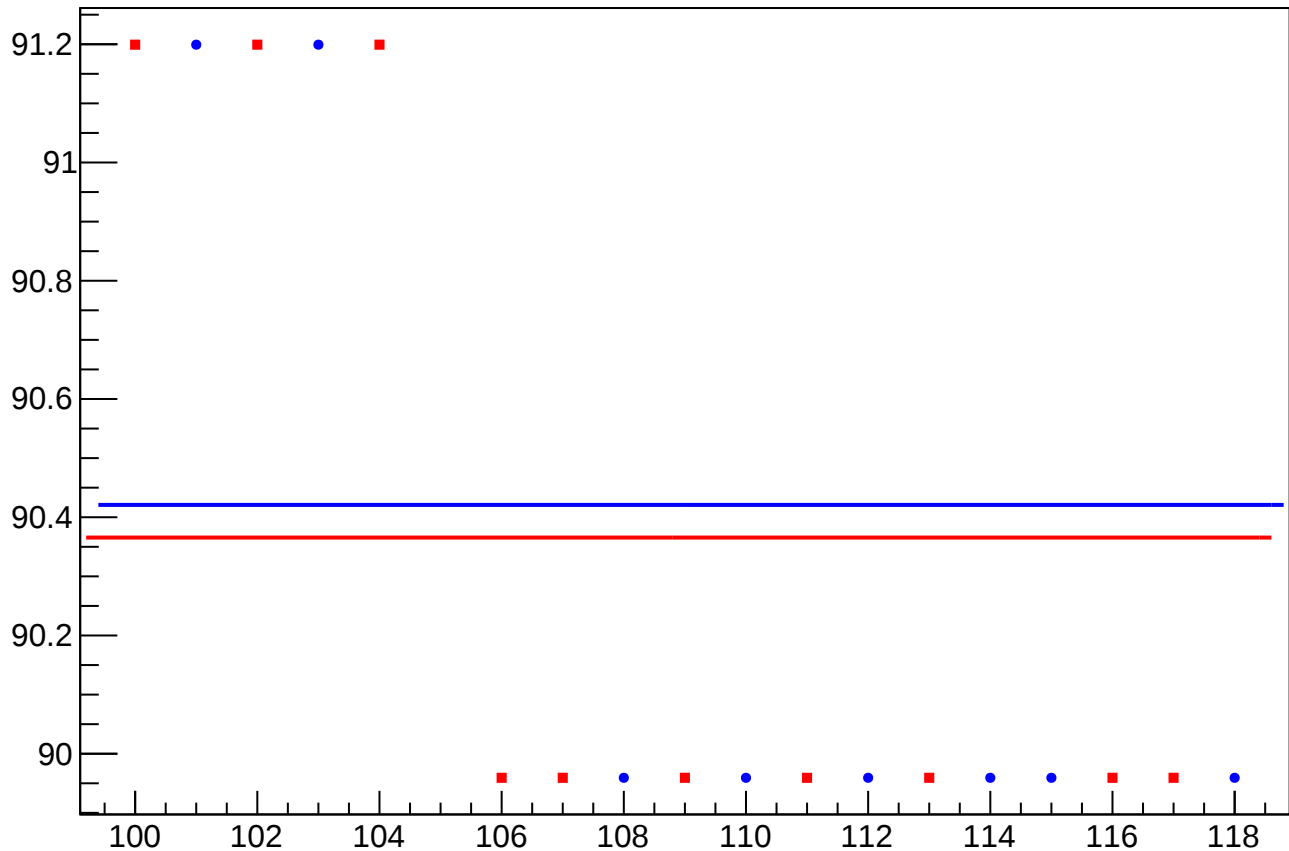
Right Out: 1478.472+/-0.000 χ^2/NDF : 79967309634868483363105133020839936.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1479.899+/-0.000 χ^2/NDF : 7595504447979956

1478.472+/-0.000 χ^2/NDF : 7996730963486848

epics_Phi_FGs_mean vs Slug



Right In: 90.421+/-0.000 χ^2/NDF : 113898811356487697136800057262080.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

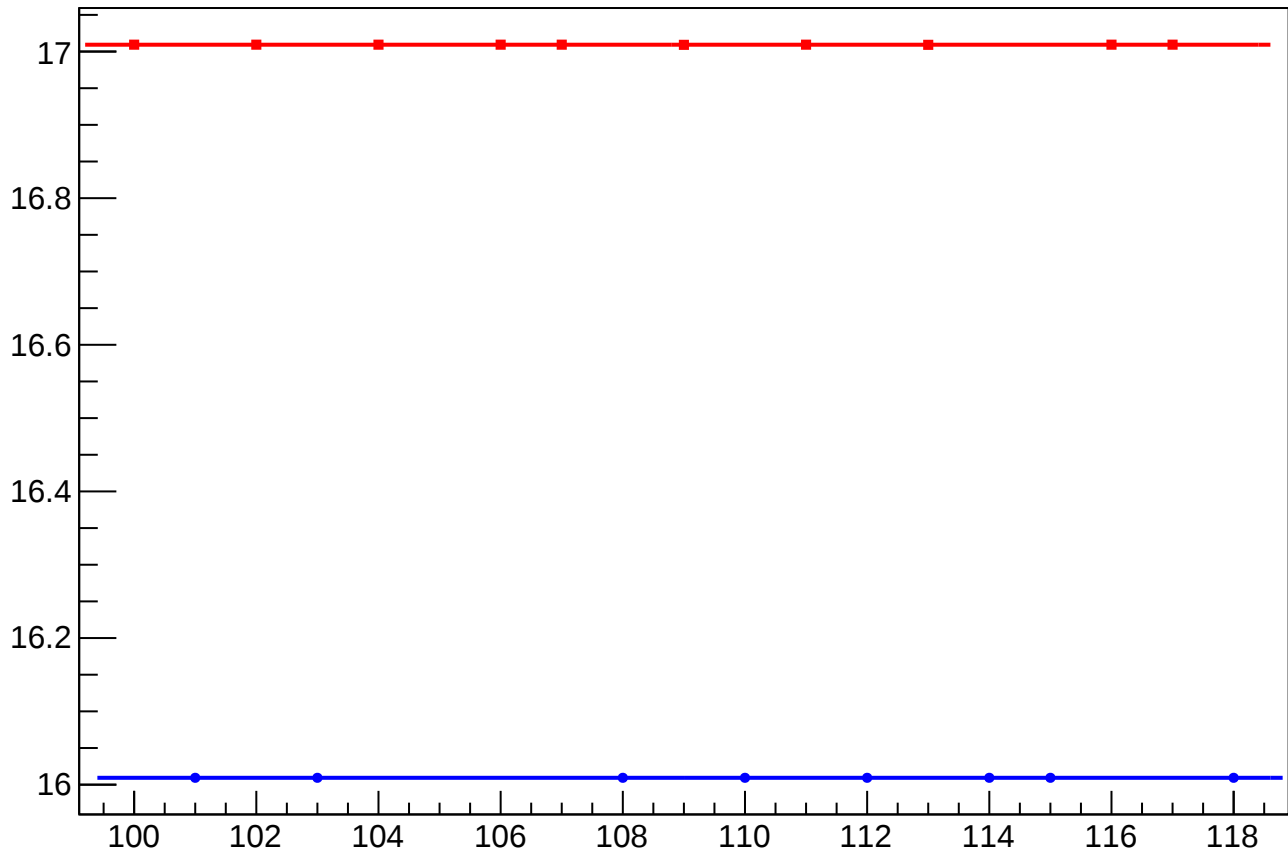
Right Out: 90.366+/-0.000 χ^2/NDF : 119915425988724106252603879325696.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.421+/-0.000 χ^2/NDF : 113898811356487697

90.366+/-0.000 χ^2/NDF : 119915425988724106

epics_IGL1I00DI24_24Ms_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 19223.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

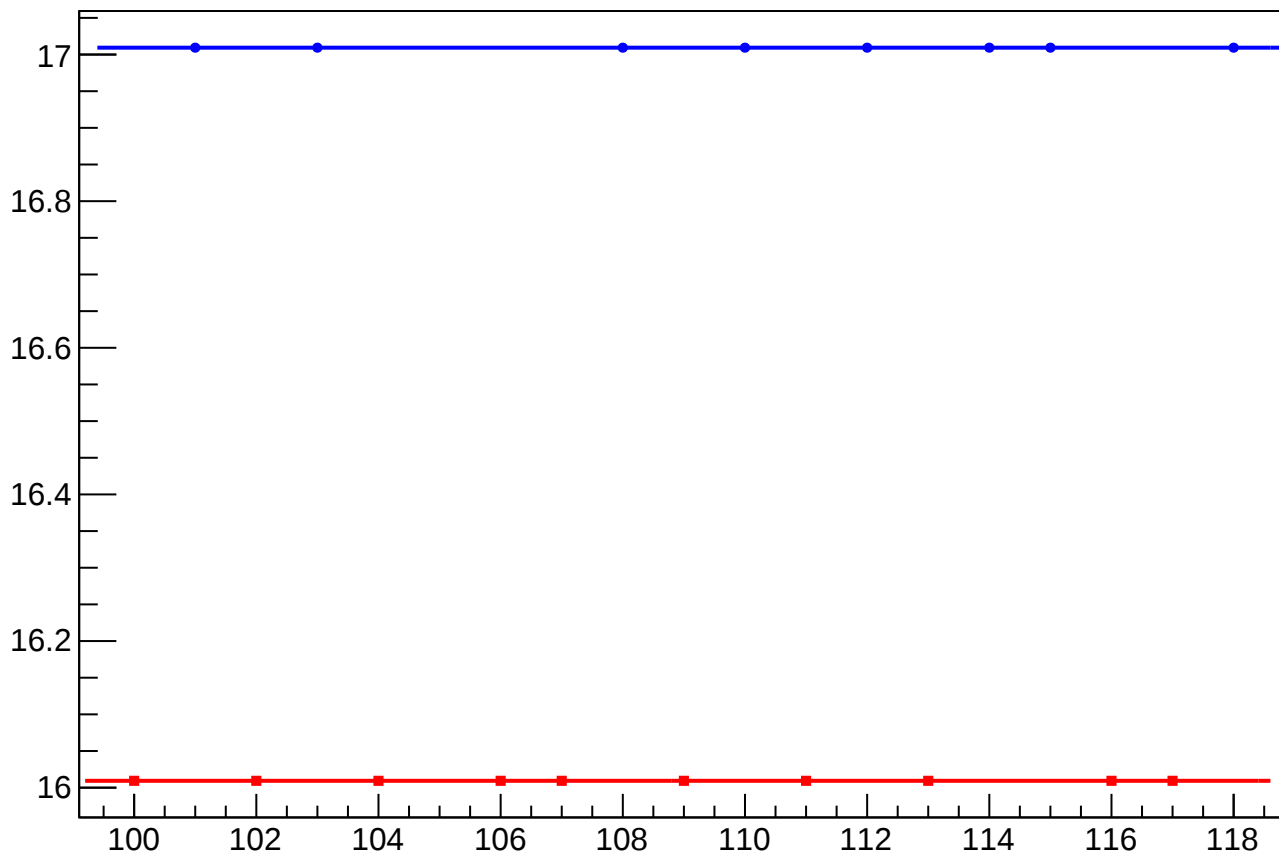
16.009 $\pm$ 0.000 χ^2 /NDF: 19223.0/7

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 2981595420607817862610944.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 2981595420607817862610944.0/9

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 19424.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

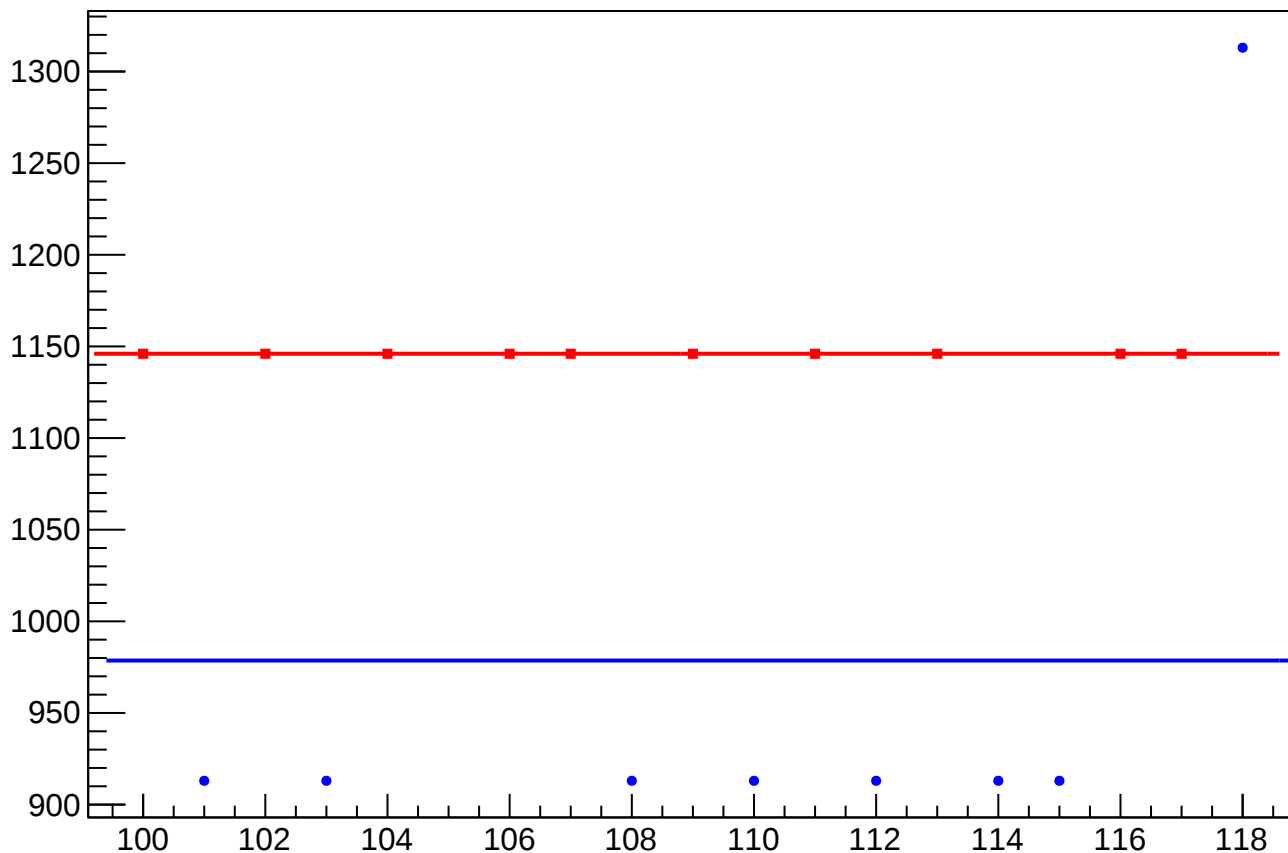
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 9567.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 19424.9/7

16.009 $\pm$ 0.000 χ^2 /NDF: 9567.3/9

epics_RTPAPOSUCNTs_mean vs Slug



Right In: 978.611+/-0.000 χ^2/NDF : 6955747918286603491358569717022326784.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

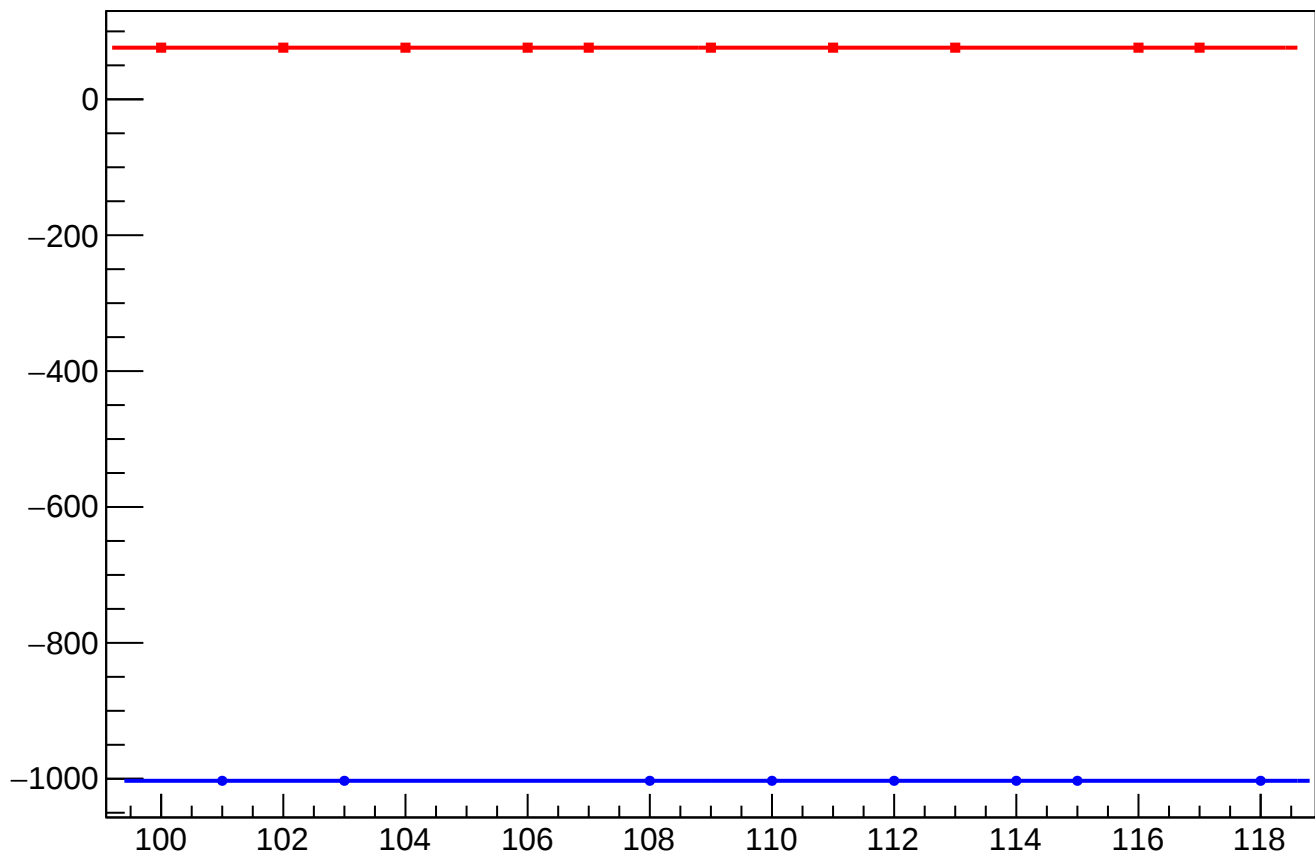
Right Out: 1146.010+/-0.000 χ^2/NDF : 1085321360092404593979293696.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

978.611+/-0.000 χ^2/NDF : 6955747918286603491358569717022326784.0/7

1146.010+/-0.000 χ^2/NDF : 1085321360092404593979293696.0/9

epics_RTPAPOSVCNTs_mean vs Slug



Right In: -1002.989+/-0.000 χ^2/NDF : 1412343025659190942164320256.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.009+/-0.000 χ^2/NDF : 2733725610466809772769280.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1002.989+/-0.000 χ^2/NDF : 141234302565919

76.009+/-0.000 χ^2/NDF : 273372561046680977