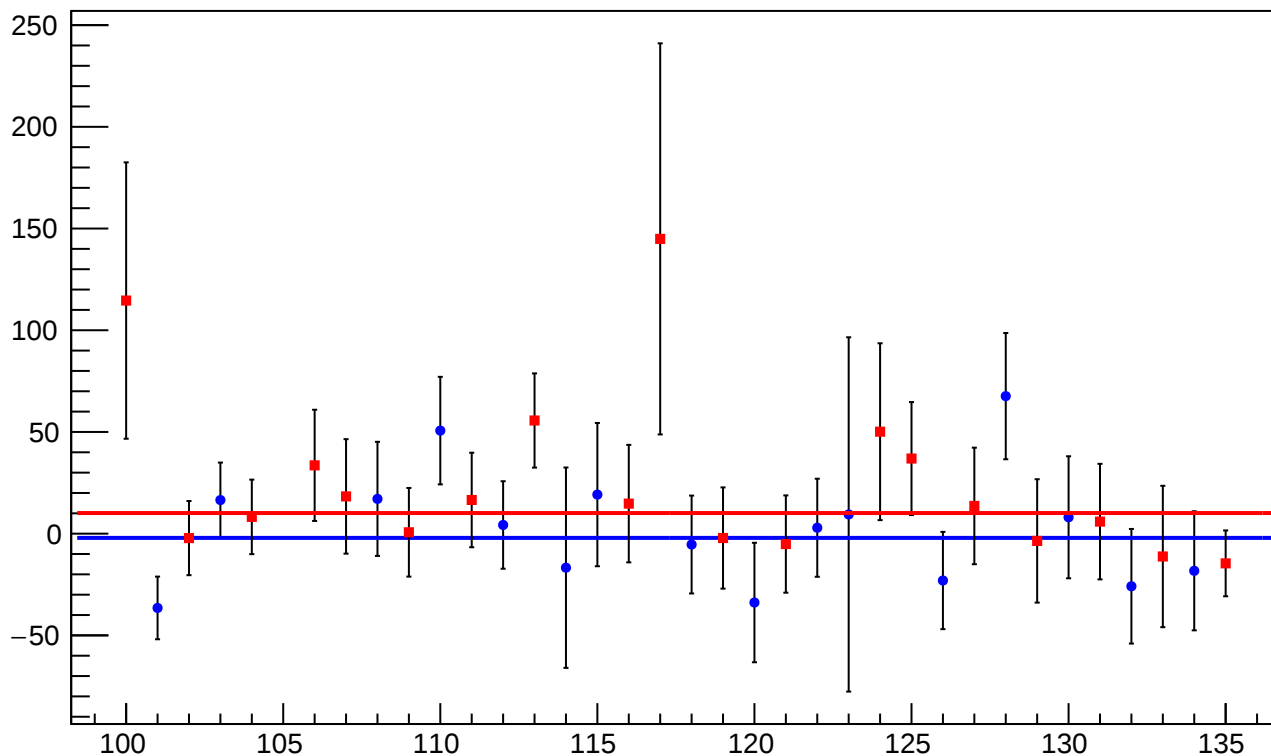


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.075+/-6.414

χ^2/NDF : 19.2/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 10.140+/-5.840

χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

-2.075+/-6.414

χ^2/NDF : 19.2/15

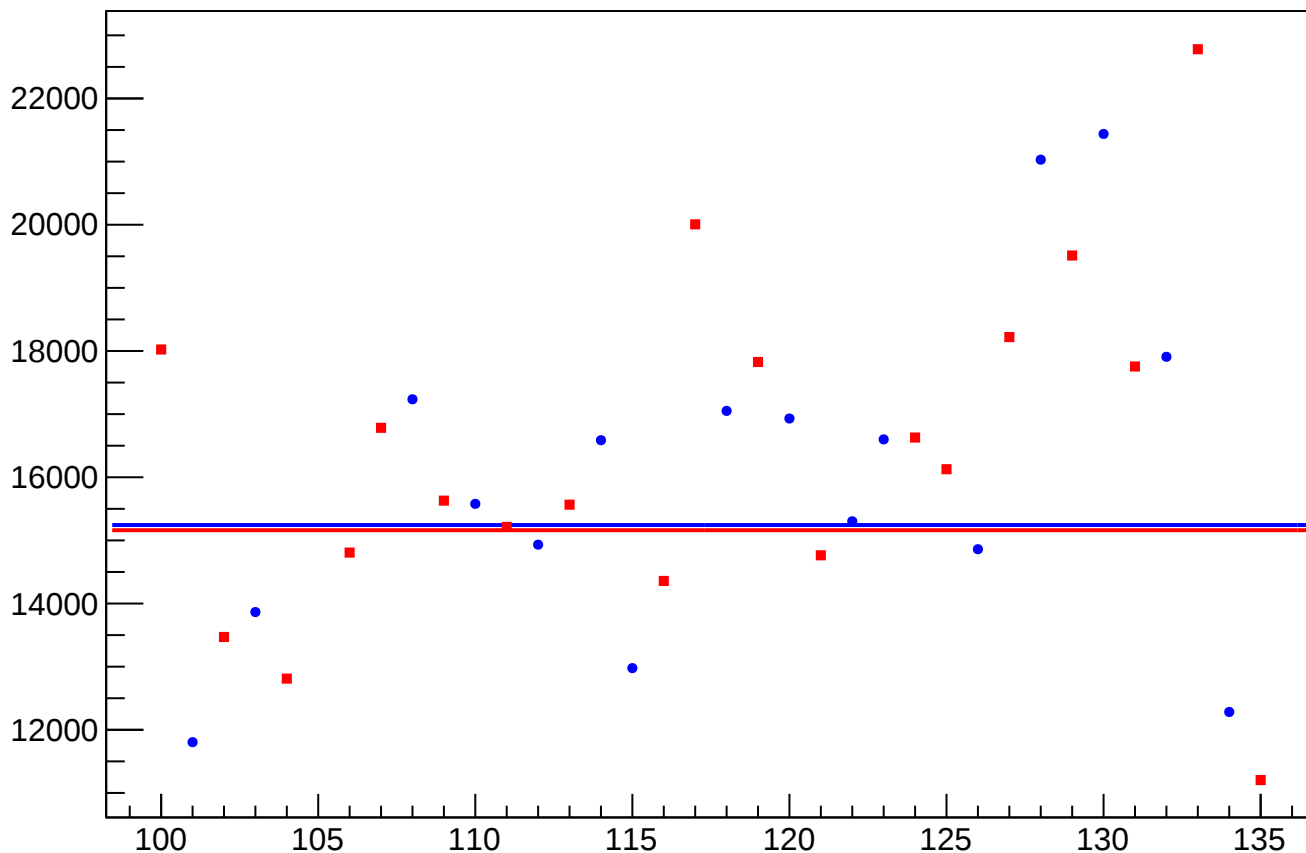
4.603+/-4.318

χ^2/NDF : 36.3/34

10.140+/-5.840

χ^2/NDF : 15.1/18

diff_bpm4aX_rms vs Slug, Sign Corrected



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

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

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

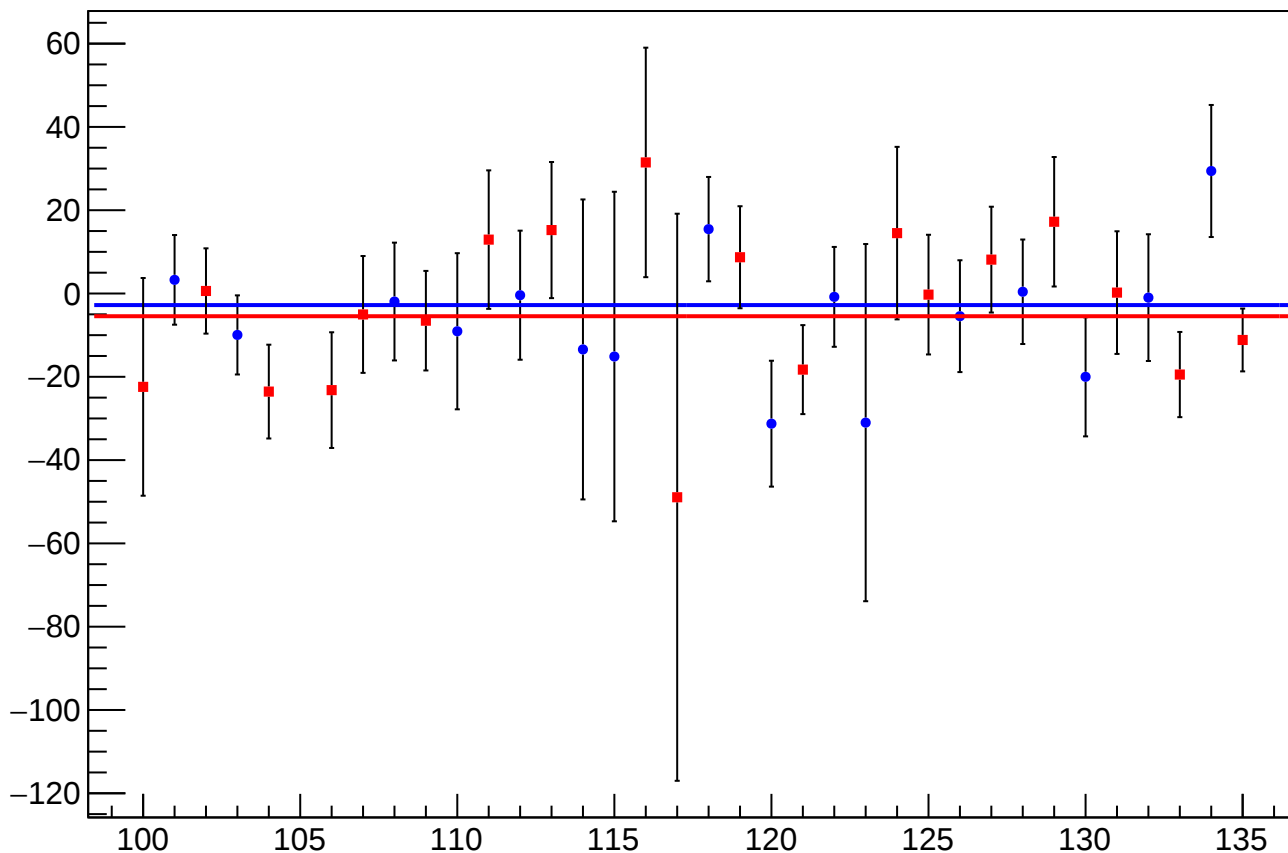
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

15198.654+/-3.053 χ^2/NDF : 737310.5/34

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

diff_bpm4aY_mean vs Slug, Sign Corrected



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

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

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

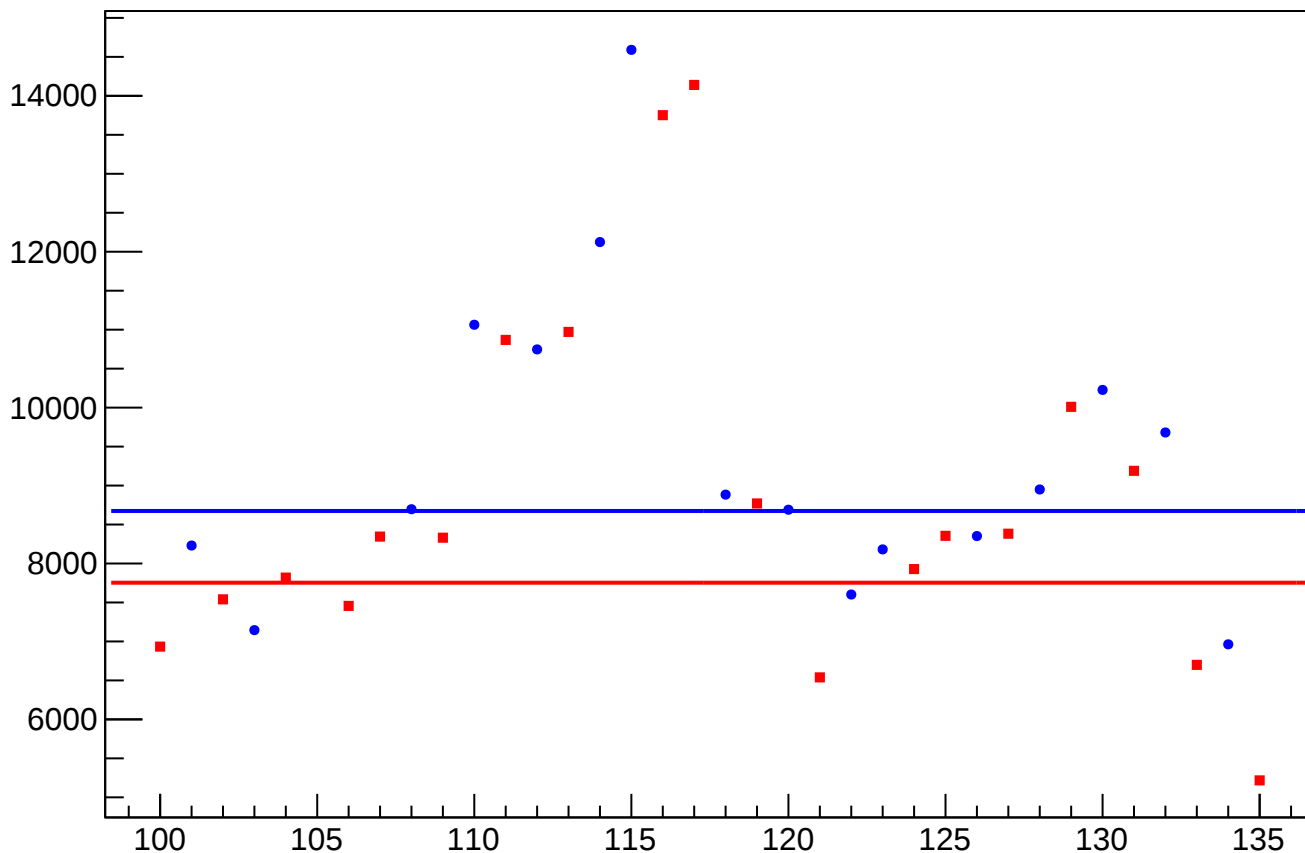
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.779+/-3.616 χ^2 /NDF: 13.0/15

-4.355+/-2.317 χ^2 /NDF: 33.1/34

-5.453+/-3.019 χ^2 /NDF: 19.7/18

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8674.072+/-2.557 χ^2/NDF : 261120.3/15

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

Right Out: 7753.832+/-2.135 χ^2/NDF : 628971.6/18

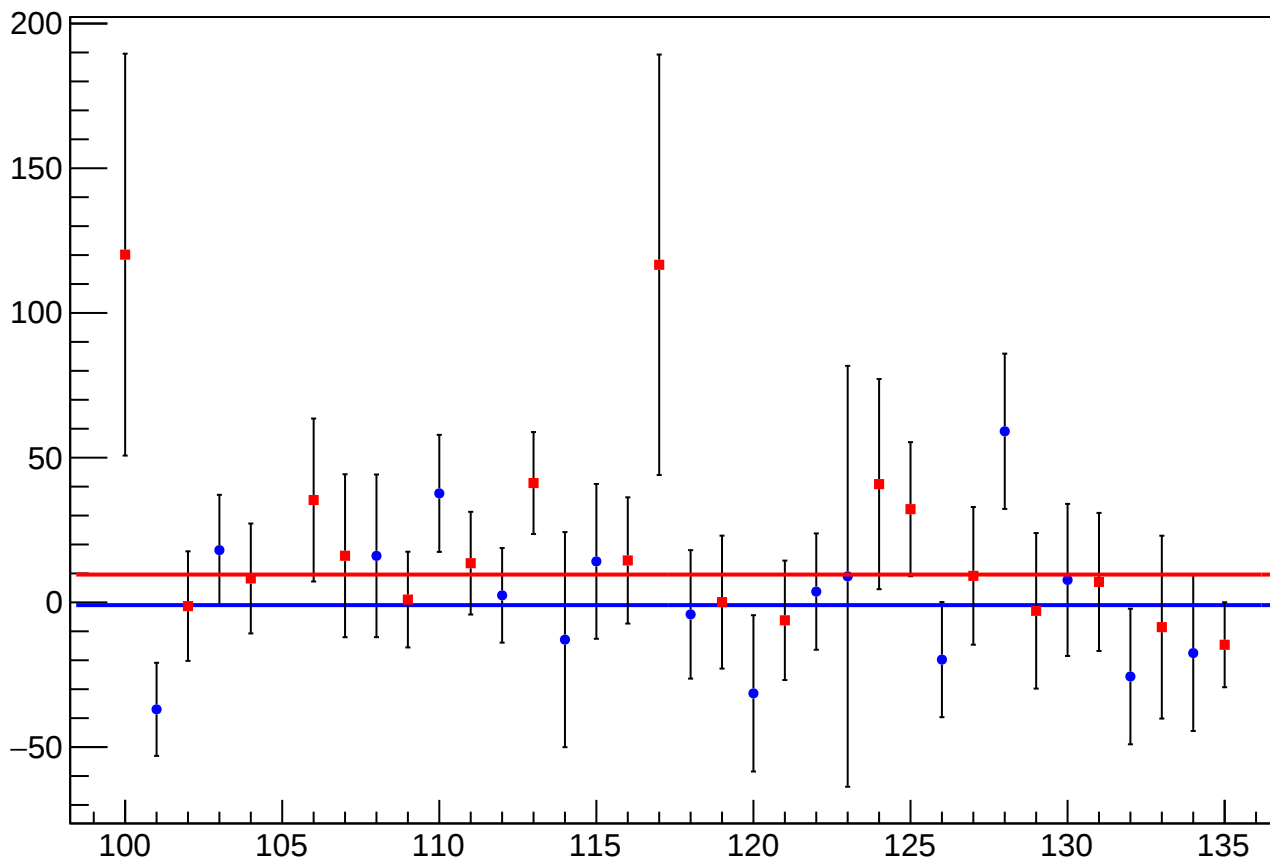
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8674.072+/-2.557 χ^2/NDF : 261120.3/15

8131.738+/-1.639 χ^2/NDF : 966418.0/34

7753.832+/-2.135 χ^2/NDF : 628971.6/18

diff_bpm4eX_mean vs Slug, Sign Corrected



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

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

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

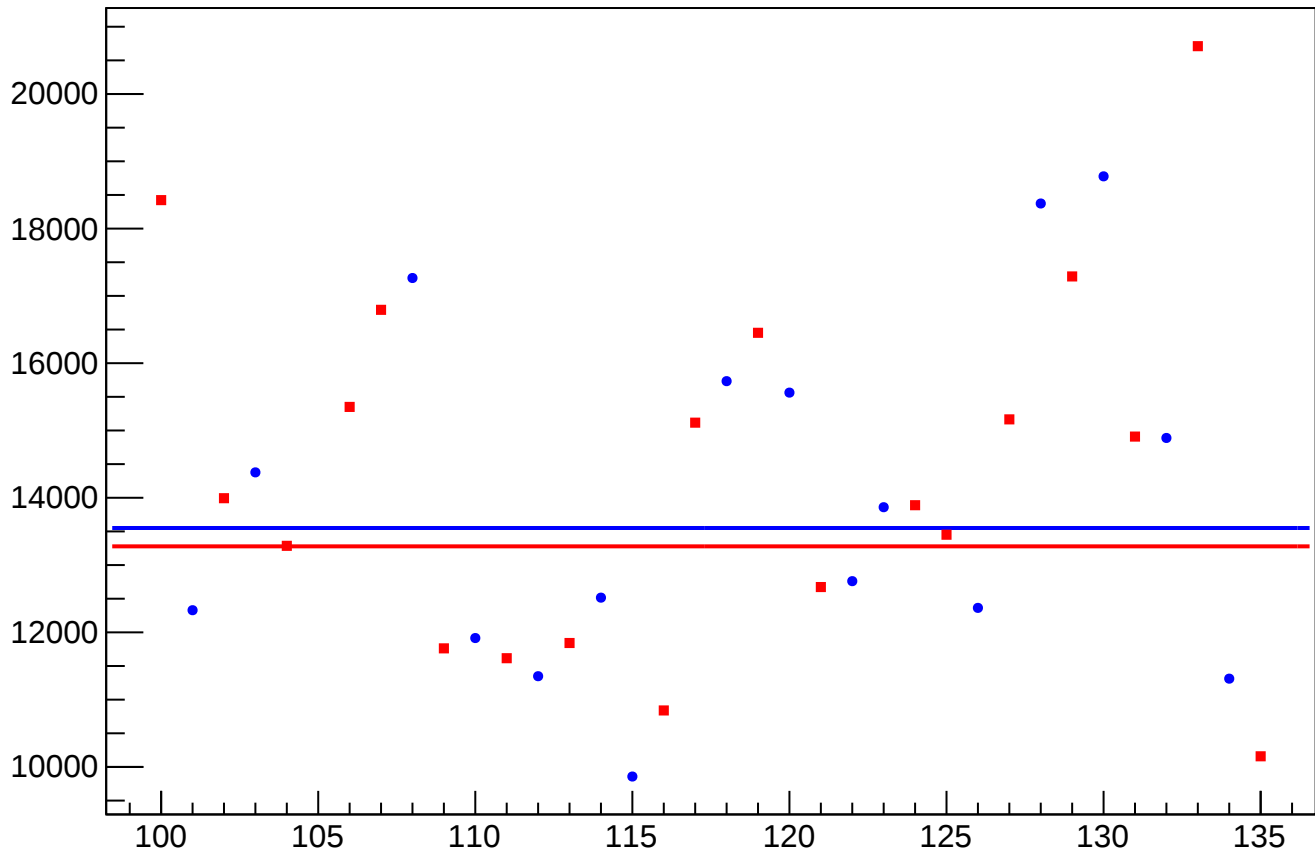
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.952+/-5.697 χ^2/NDF : 19.4/15

4.884+/-3.810 χ^2/NDF : 36.5/34

9.608+/-5.126 χ^2/NDF : 15.3/18

diff_bpm4eX_rms vs Slug, Sign Corrected



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

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

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

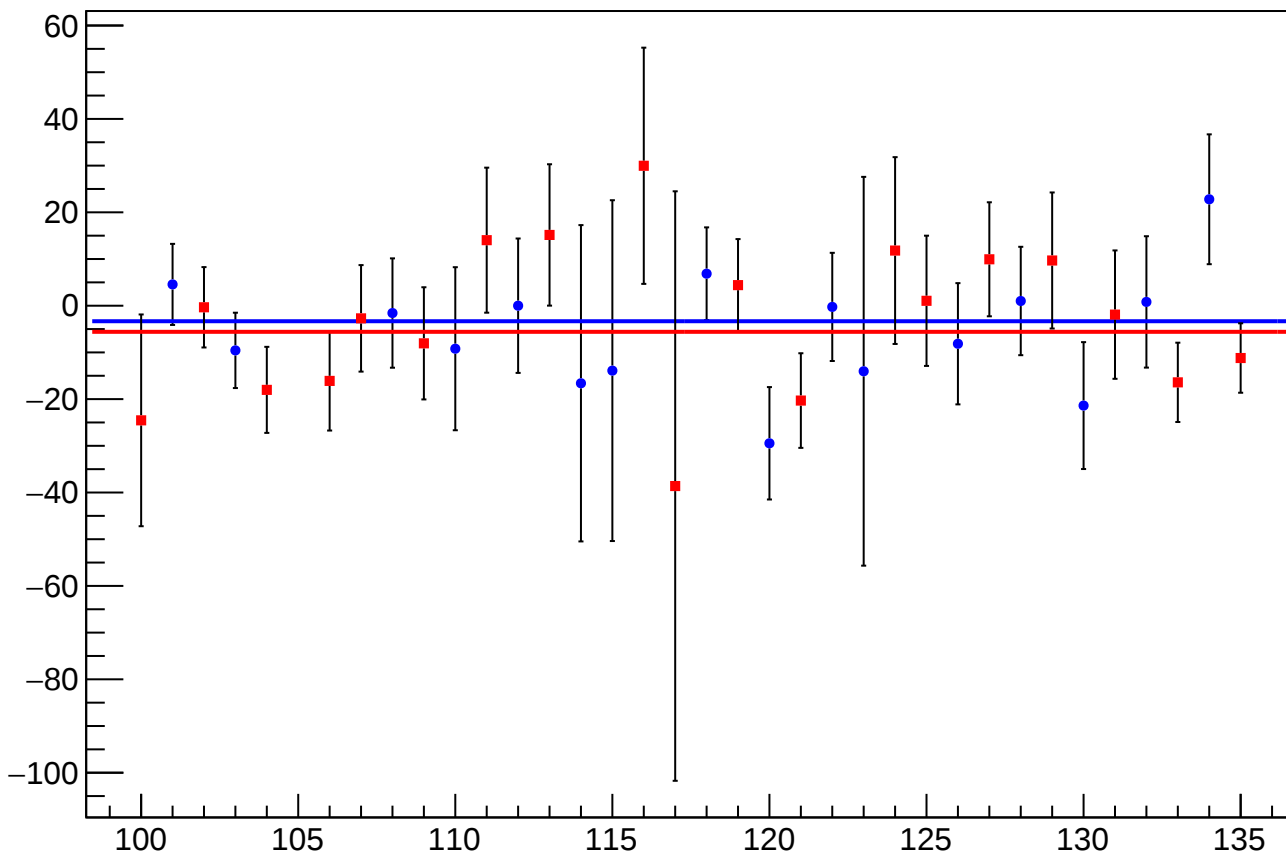
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13400.095+/-2.694 χ^2/NDF : 784584.1/34

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

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.322+/-3.166 χ^2 /NDF: 13.4/15

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

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

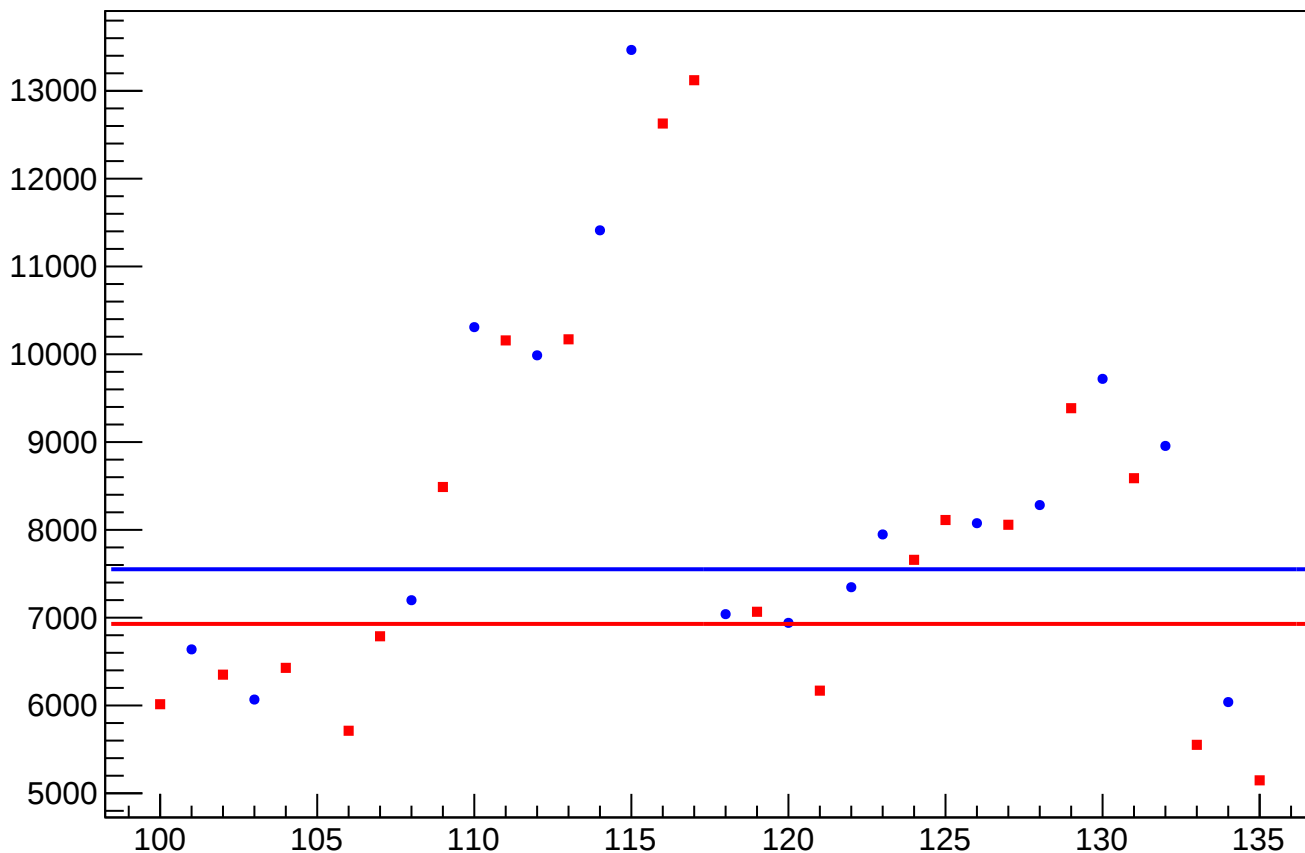
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.322+/-3.166 χ^2 /NDF: 13.4/15

-4.635+/-2.053 χ^2 /NDF: 32.5/34

-5.589+/-2.698 χ^2 /NDF: 18.8/18

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7551.462+/-2.239 χ^2/NDF : 394408.2/15

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

Right Out: 6929.036+/-1.908 χ^2/NDF : 676778.8/18

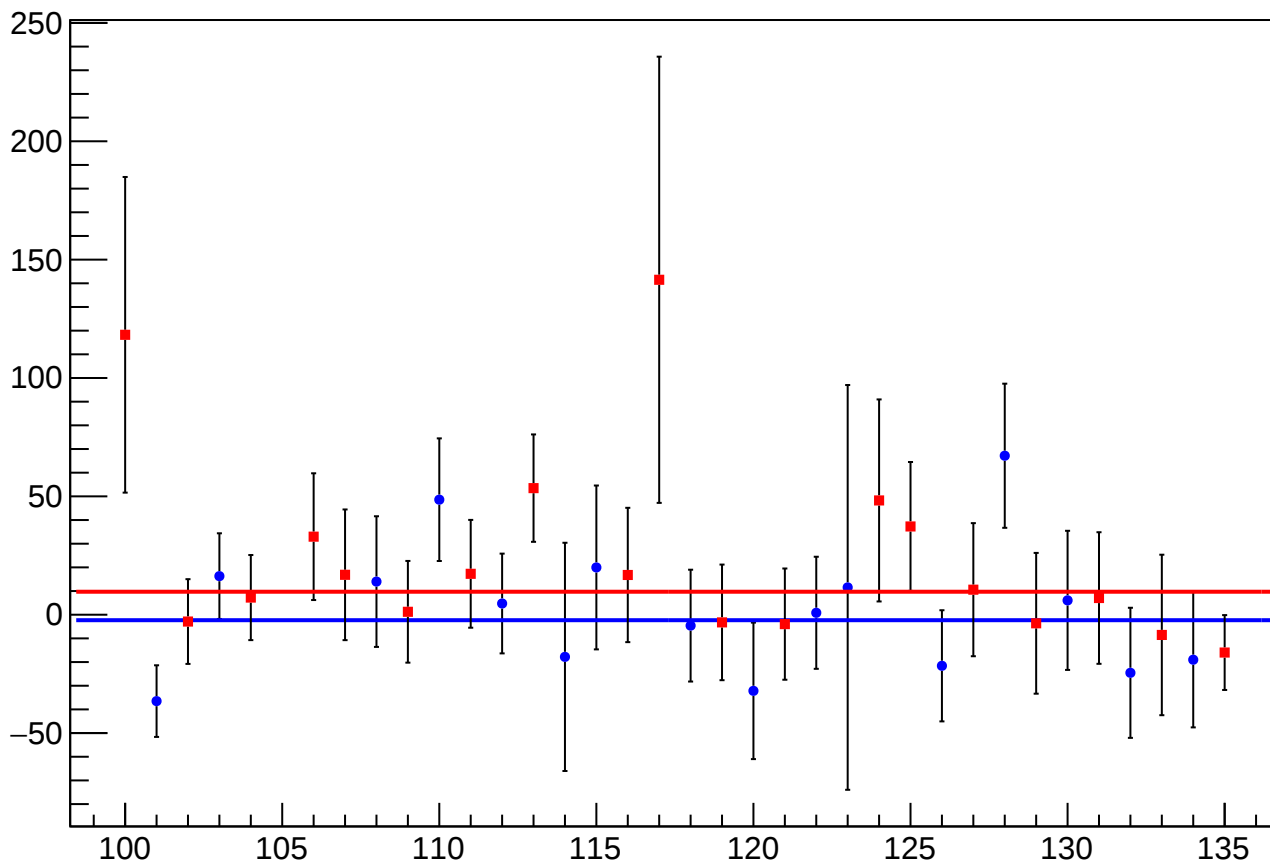
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7551.462+/-2.239 χ^2/NDF : 394408.2/15

7190.889+/-1.452 χ^2/NDF : 1115968.6/34

6929.036+/-1.908 χ^2/NDF : 676778.8/18

diff_bpm4acX_mean vs Slug, Sign Corrected



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

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

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

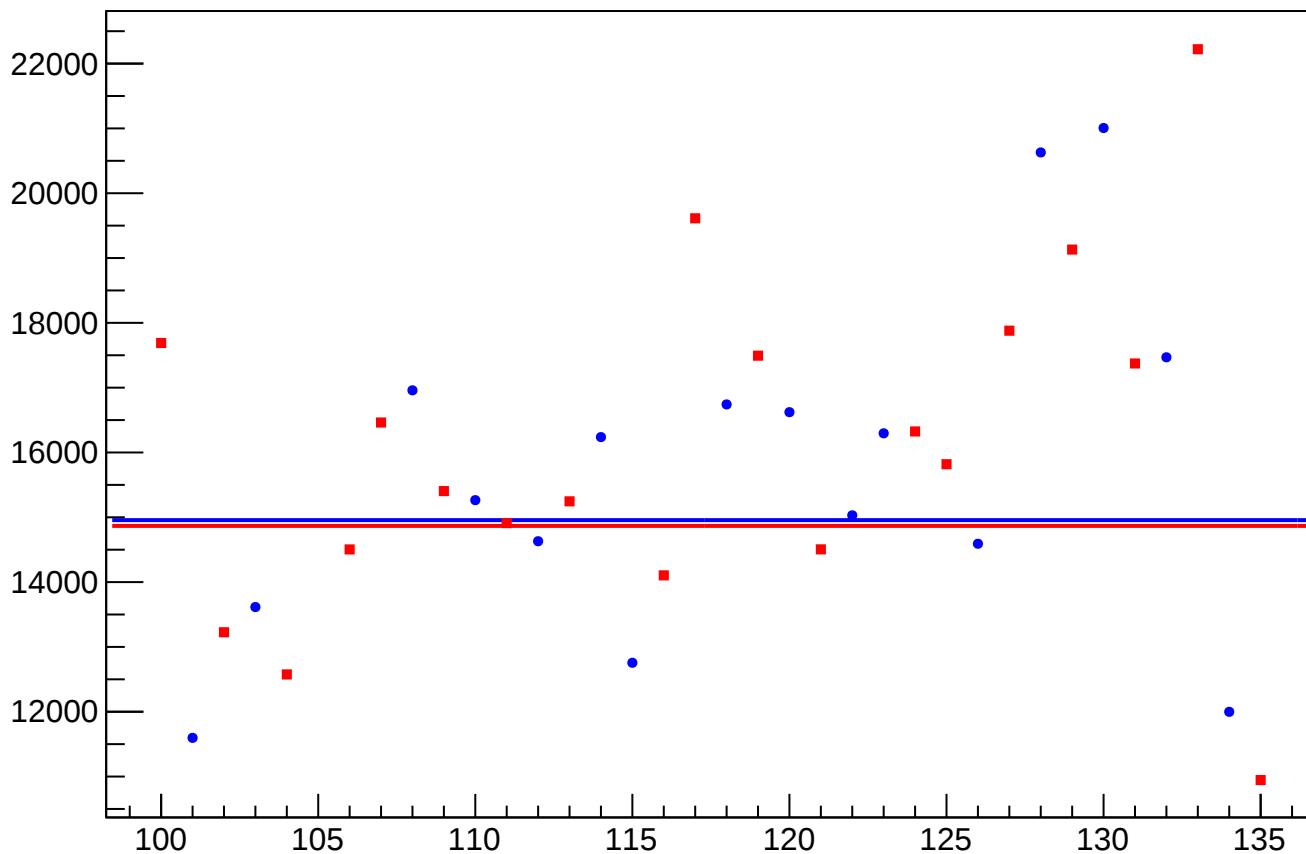
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.317+/-6.292 χ^2/NDF : 19.1/15

4.261+/-4.235 χ^2/NDF : 36.7/34

9.711+/-5.727 χ^2/NDF : 15.6/18

diff_bpm4acX_rms vs Slug, Sign Corrected



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

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

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

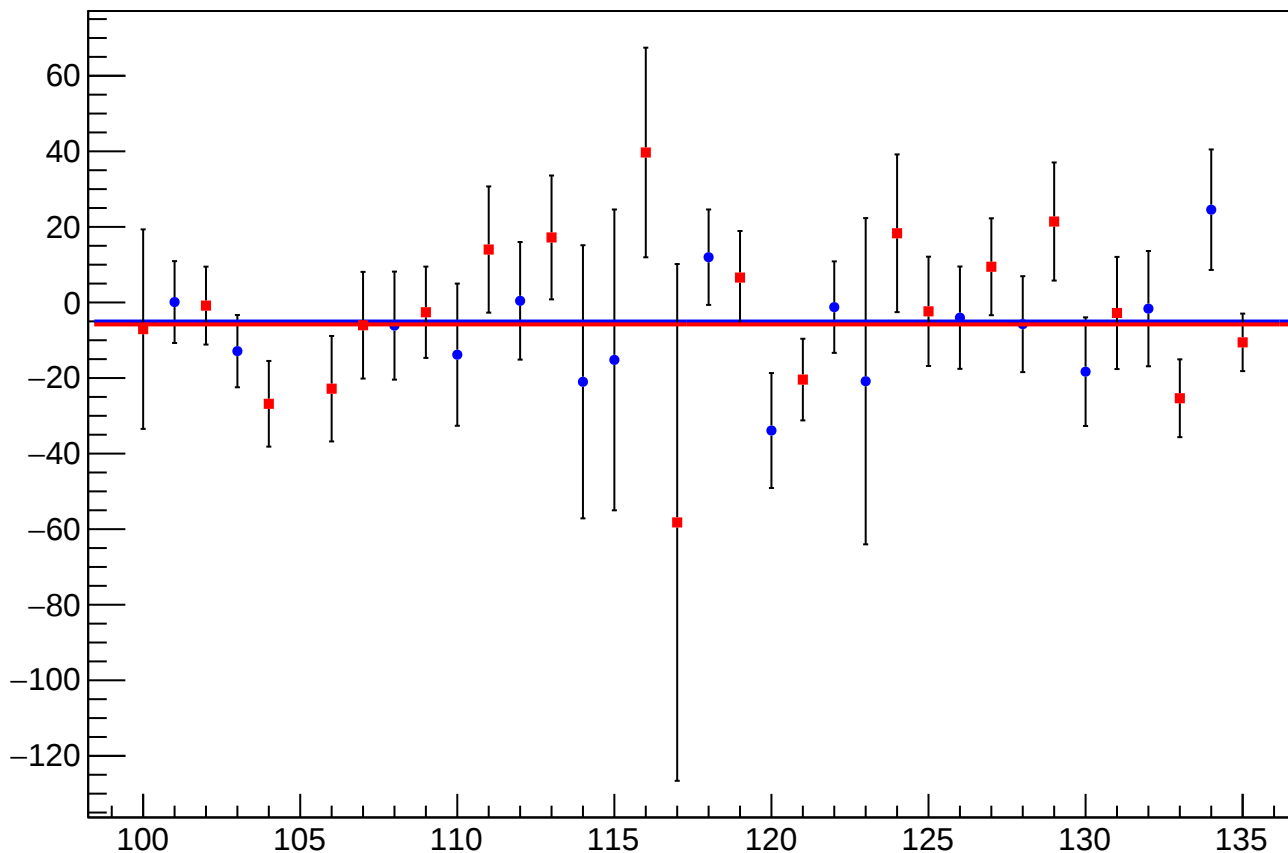
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

14907.474+/-2.995 χ^2/NDF : 736180.4/34

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

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.043+/-3.643 χ^2 /NDF: 11.5/15

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

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

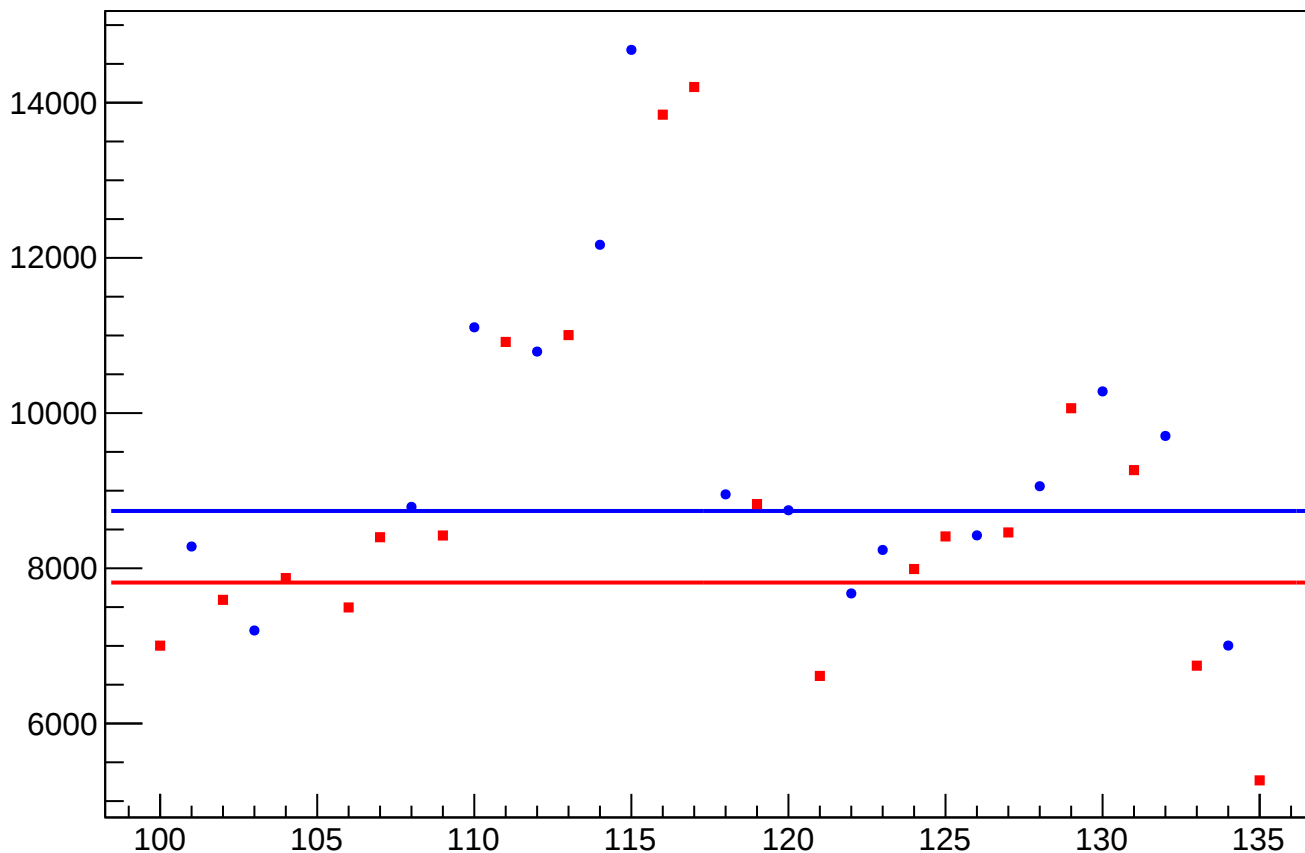
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.043+/-3.643 χ^2 /NDF: 11.5/15

-5.493+/-2.335 χ^2 /NDF: 36.1/34

-5.807+/-3.042 χ^2 /NDF: 24.6/18

diff_bpm4acY_rms vs Slug, Sign Corrected



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

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

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

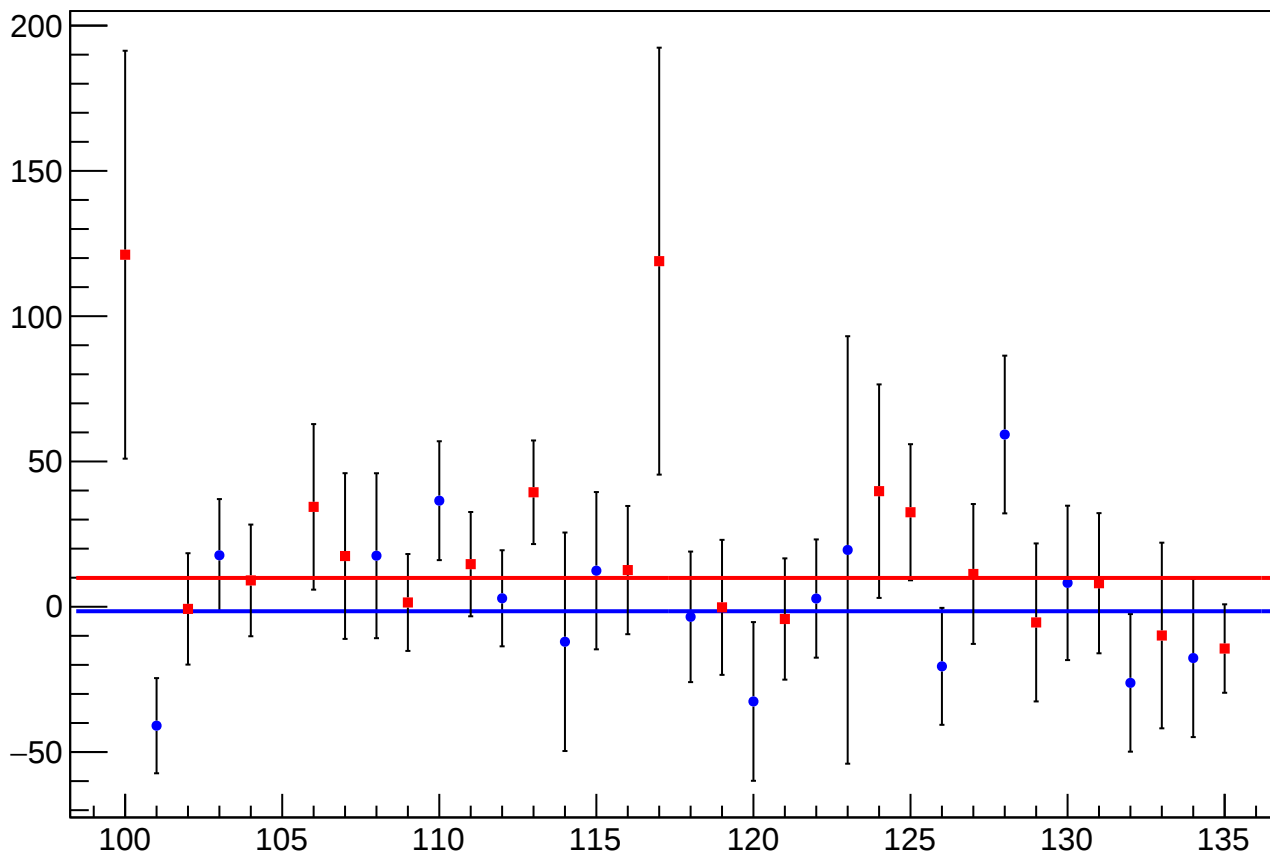
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

8195.246 $\pm$ 1.651 χ^2 /NDF: 955384.6/34

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

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

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

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

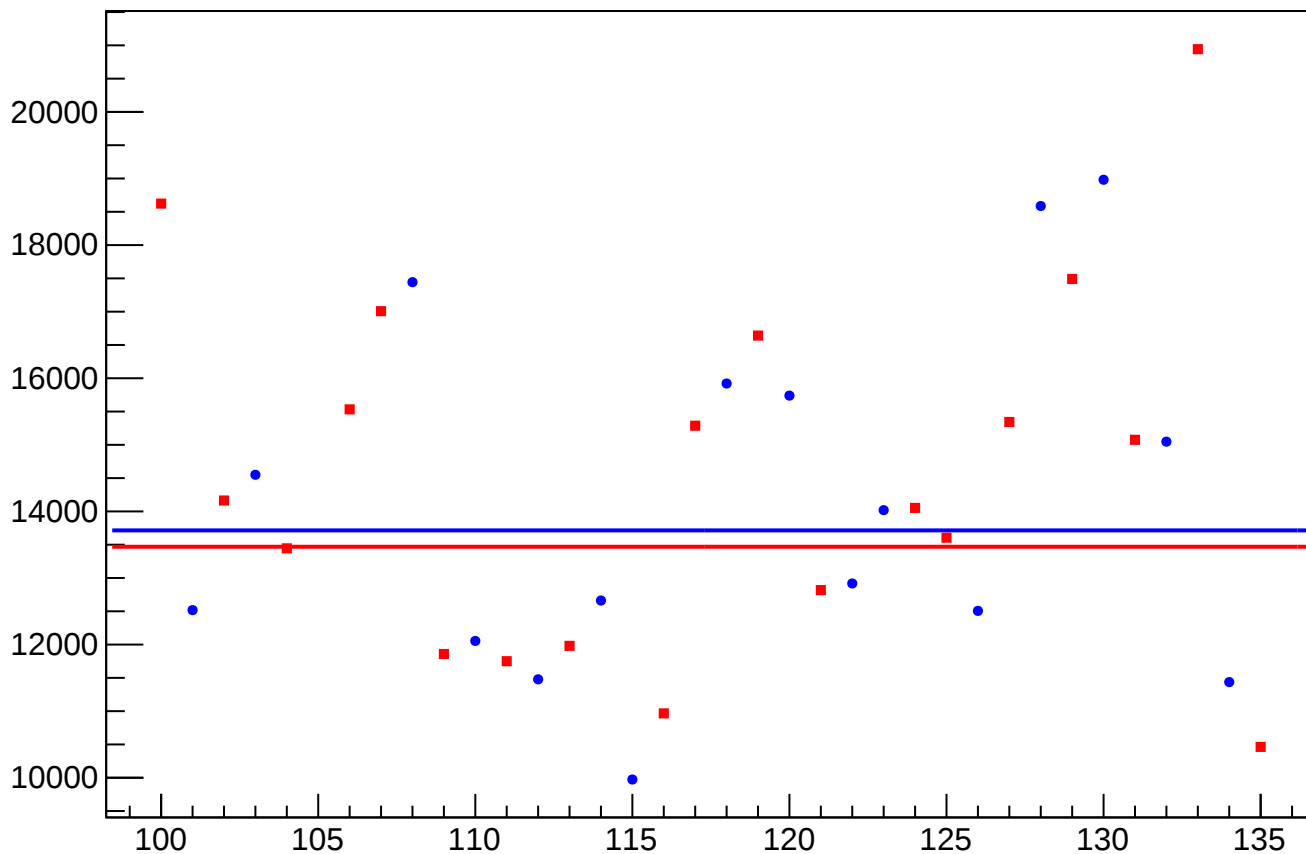
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.539+/-5.767 χ^2/NDF : 20.0/15

4.781+/-3.862 χ^2/NDF : 36.6/34

9.918+/-5.199 χ^2/NDF : 14.4/18

diff_bpm4ecX_rms vs Slug, Sign Corrected



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

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

Right Out: 13469.354+/-3.677 χ^2/NDF : 424630.5/18

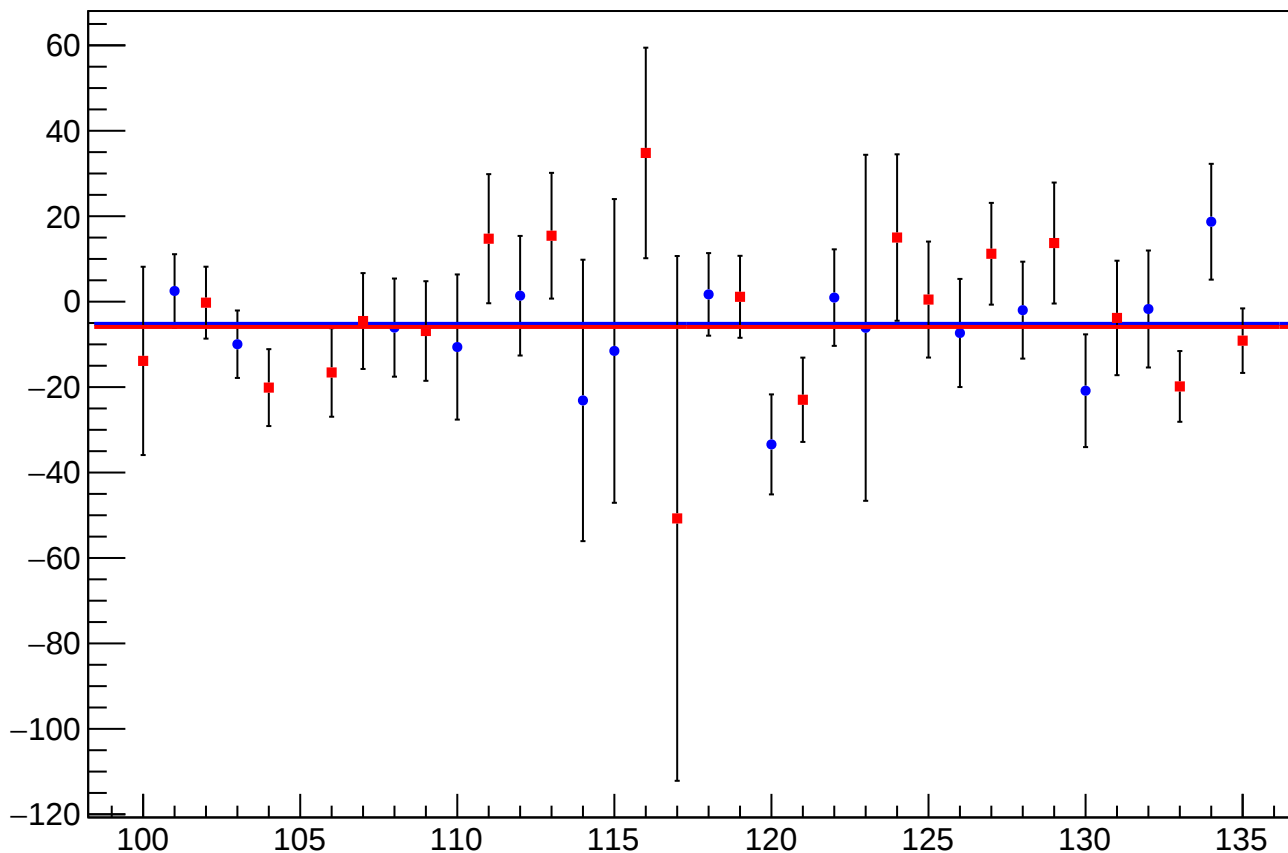
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13579.508+/-2.731 χ^2/NDF : 769139.1/34

13469.354+/-3.677 χ^2/NDF : 424630.5/18

diff_bpm4ecY_mean vs Slug, Sign Corrected



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

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

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

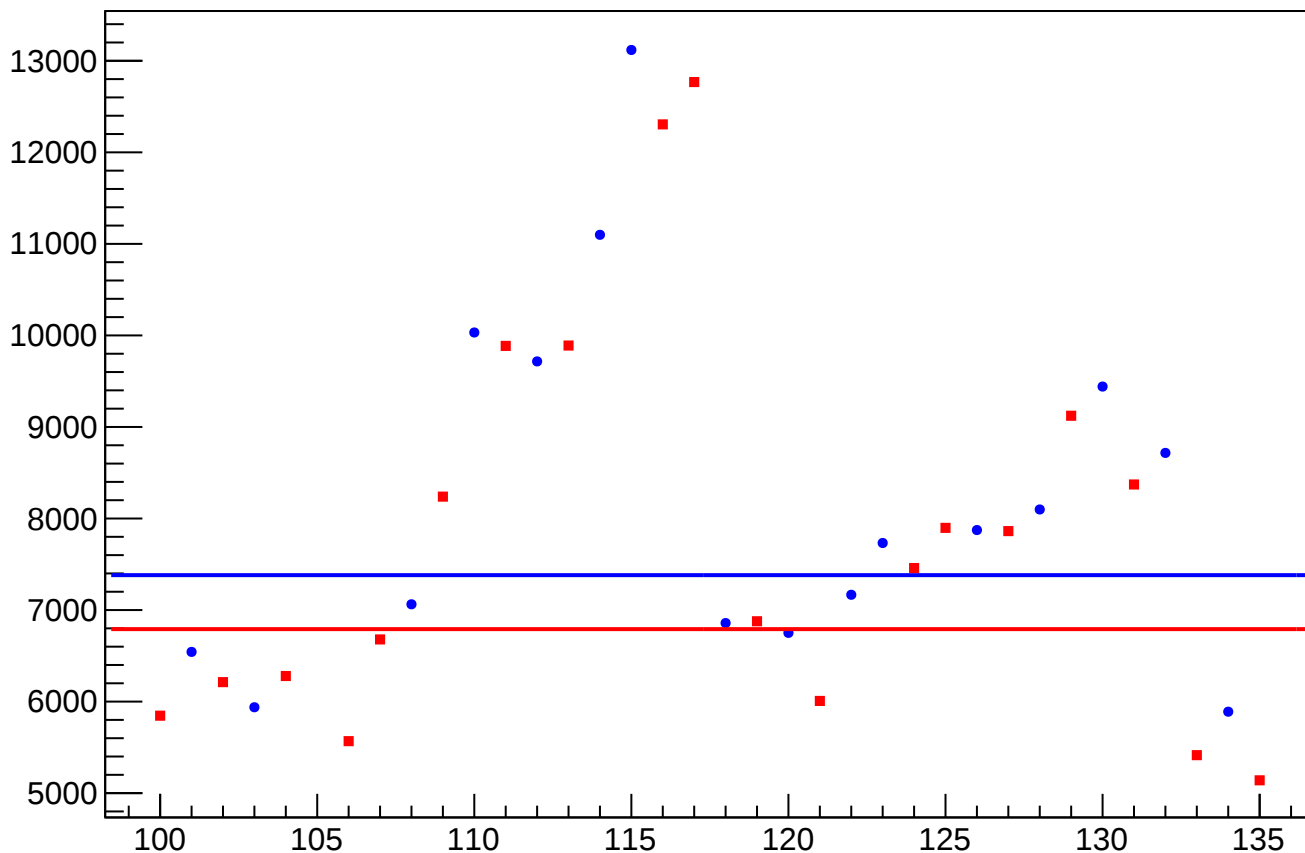
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.197+/-3.095 χ^2/NDF : 13.1/15

-5.614+/-2.011 χ^2/NDF : 36.5/34

-5.918+/-2.645 χ^2/NDF : 23.3/18

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

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

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

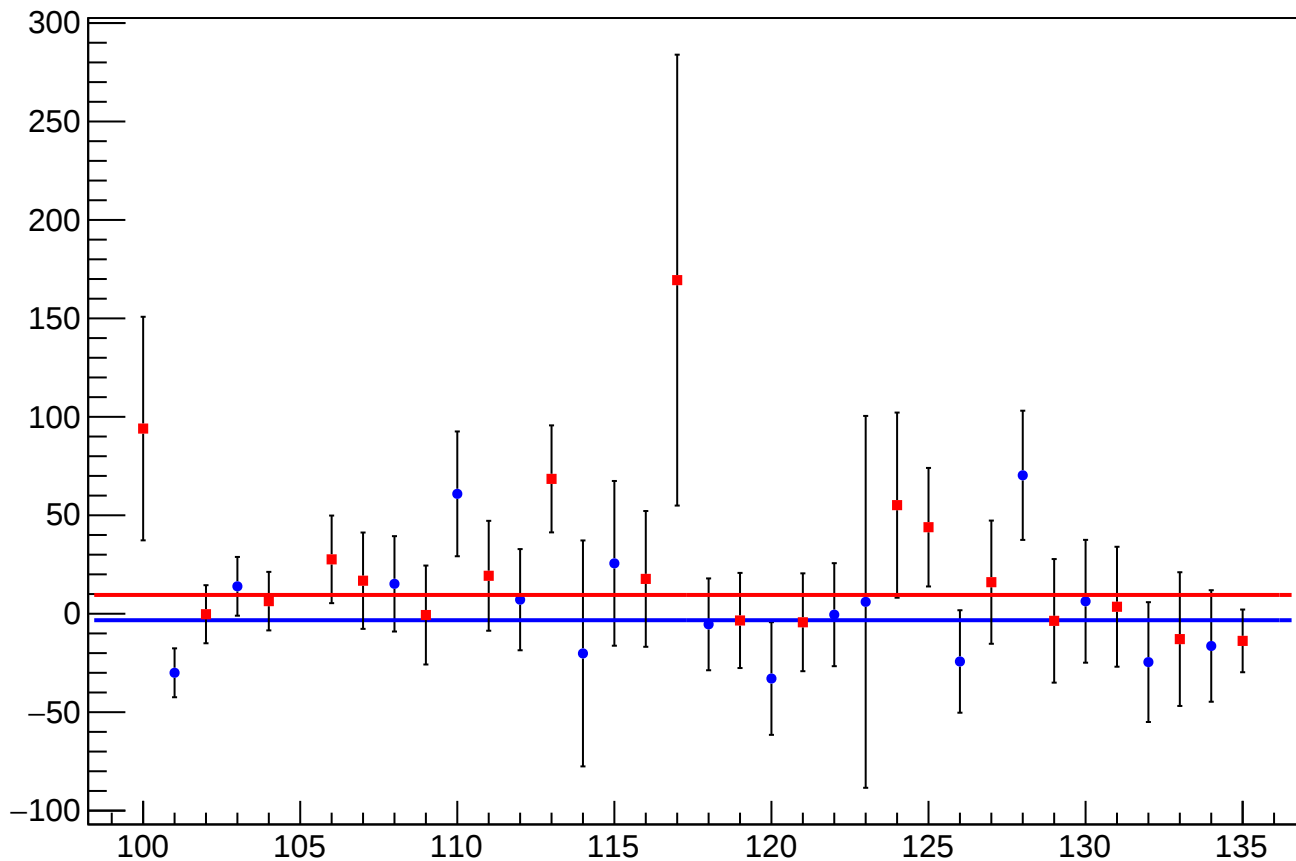
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7040.514+/-1.422 χ^2/NDF : 1074305.2/34

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

diff_bpm1X_mean vs Slug, Sign Corrected



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

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

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

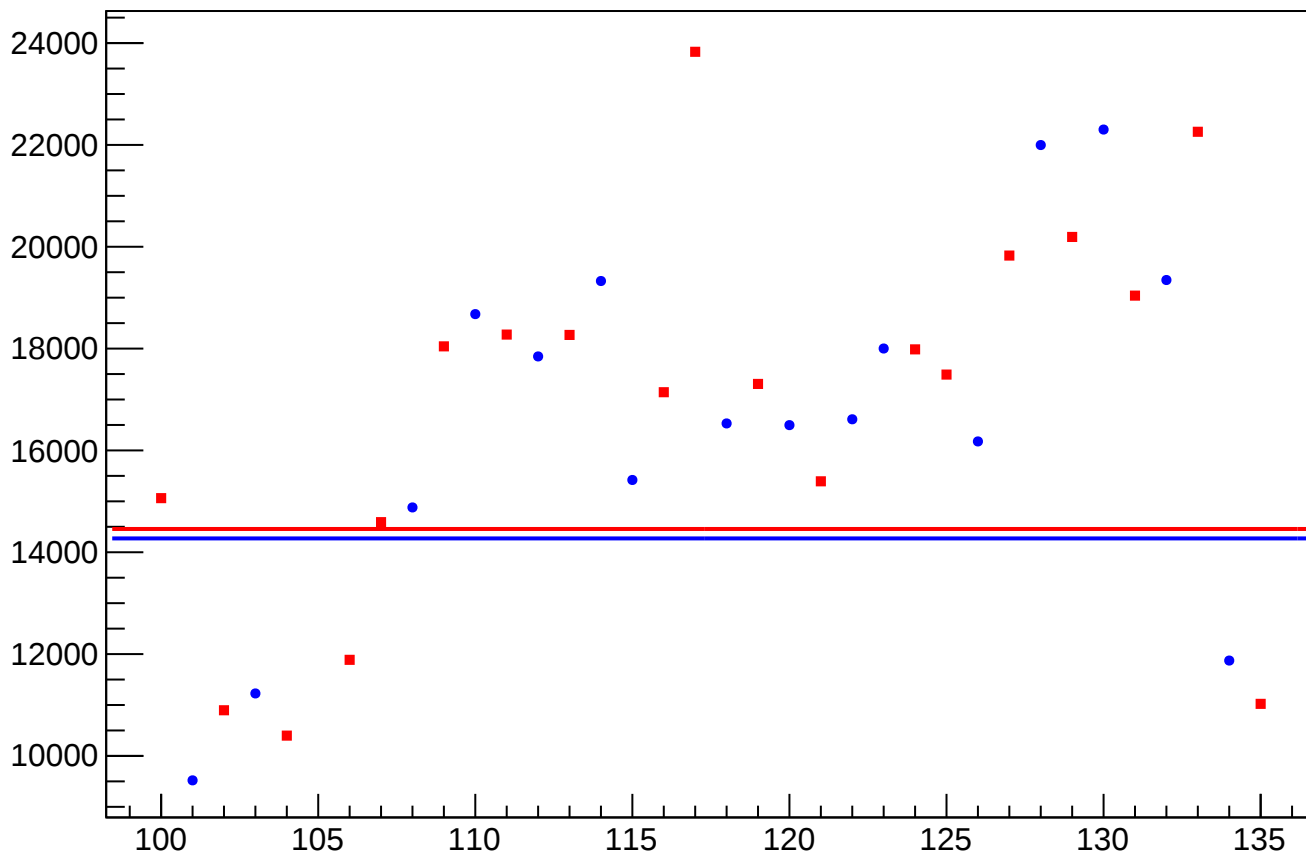
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.289+/-6.148 χ^2/NDF : 18.9/15

3.644+/-4.169 χ^2/NDF : 37.4/34

9.546+/-5.672 χ^2/NDF : 16.1/18

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14271.653 $\pm$ 4.347 χ^2 /NDF: 845747.2/15

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

Right Out: 14457.276 $\pm$ 4.011 χ^2 /NDF: 867533.3/18

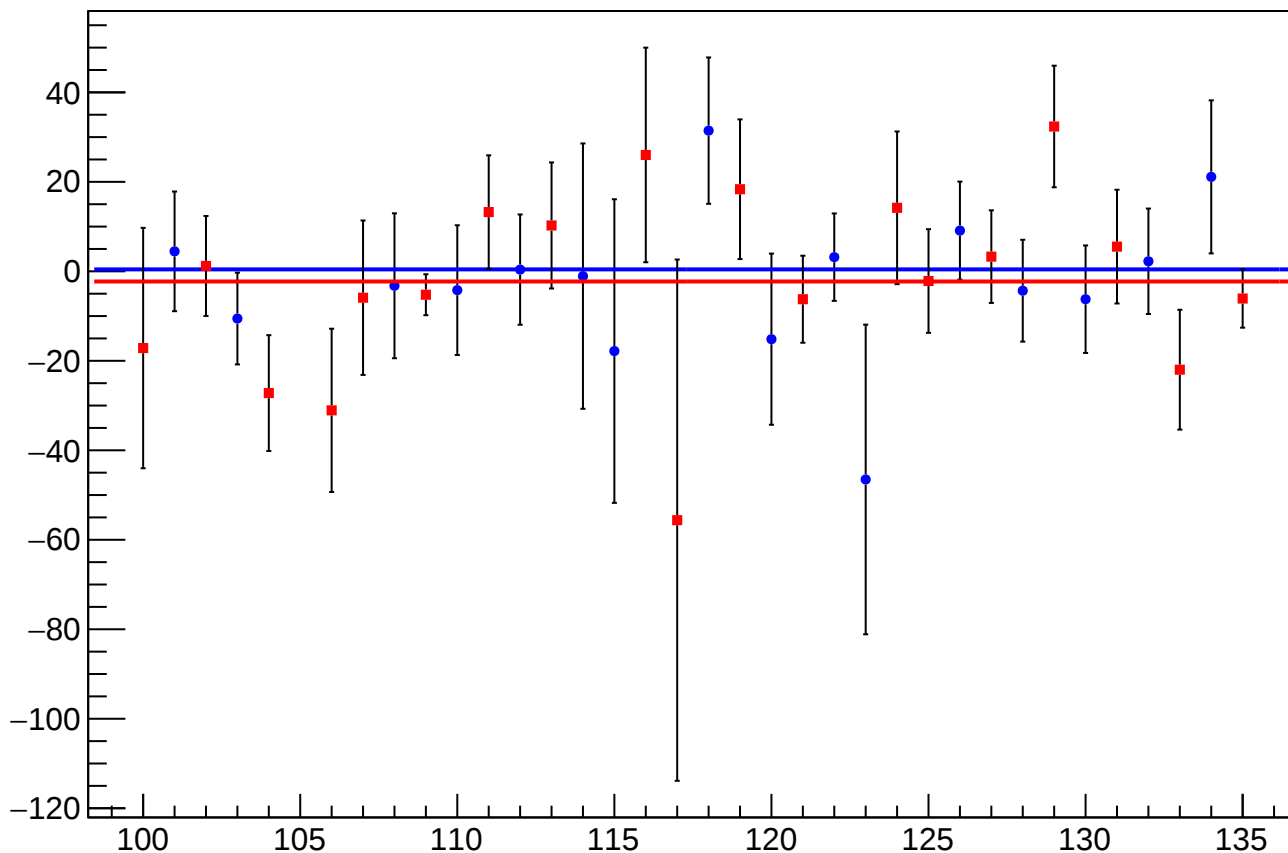
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14271.653 $\pm$ 4.347 χ^2 /NDF: 845747.2/15

14371.924 $\pm$ 2.948 χ^2 /NDF: 1714265.3/3

14457.276 $\pm$ 4.011 χ^2 /NDF: 867533.3/18

diff_bpm1Y_mean vs Slug, Sign Corrected



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

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

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

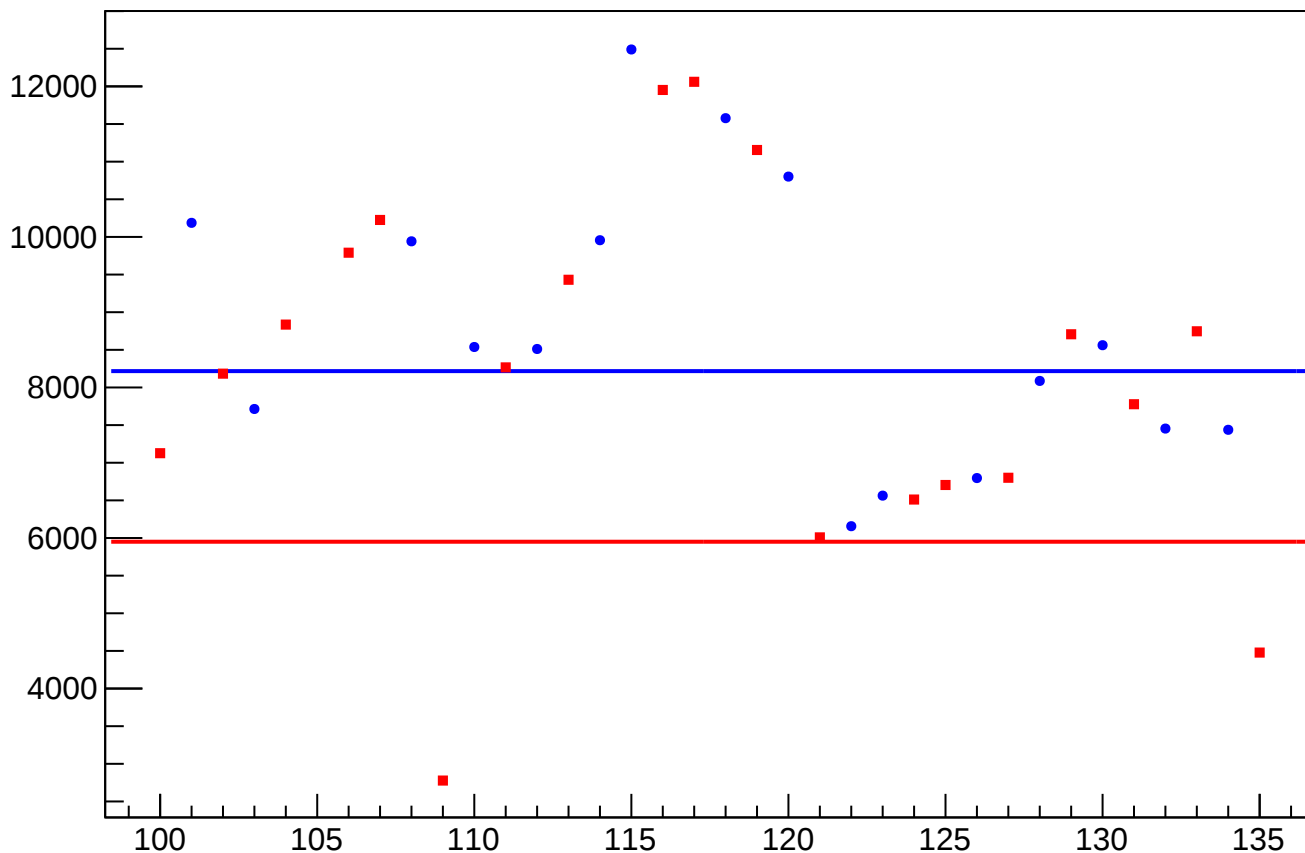
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.434+/-3.458 χ^2/NDF : 10.5/15

-1.338+/-2.033 χ^2/NDF : 35.0/34

-2.273+/-2.513 χ^2/NDF : 24.1/18

diff_bpm1Y_rms vs Slug, Sign Corrected



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

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

Right Out: 5950.606+/-1.777 χ^2/NDF : 2250977.7/18

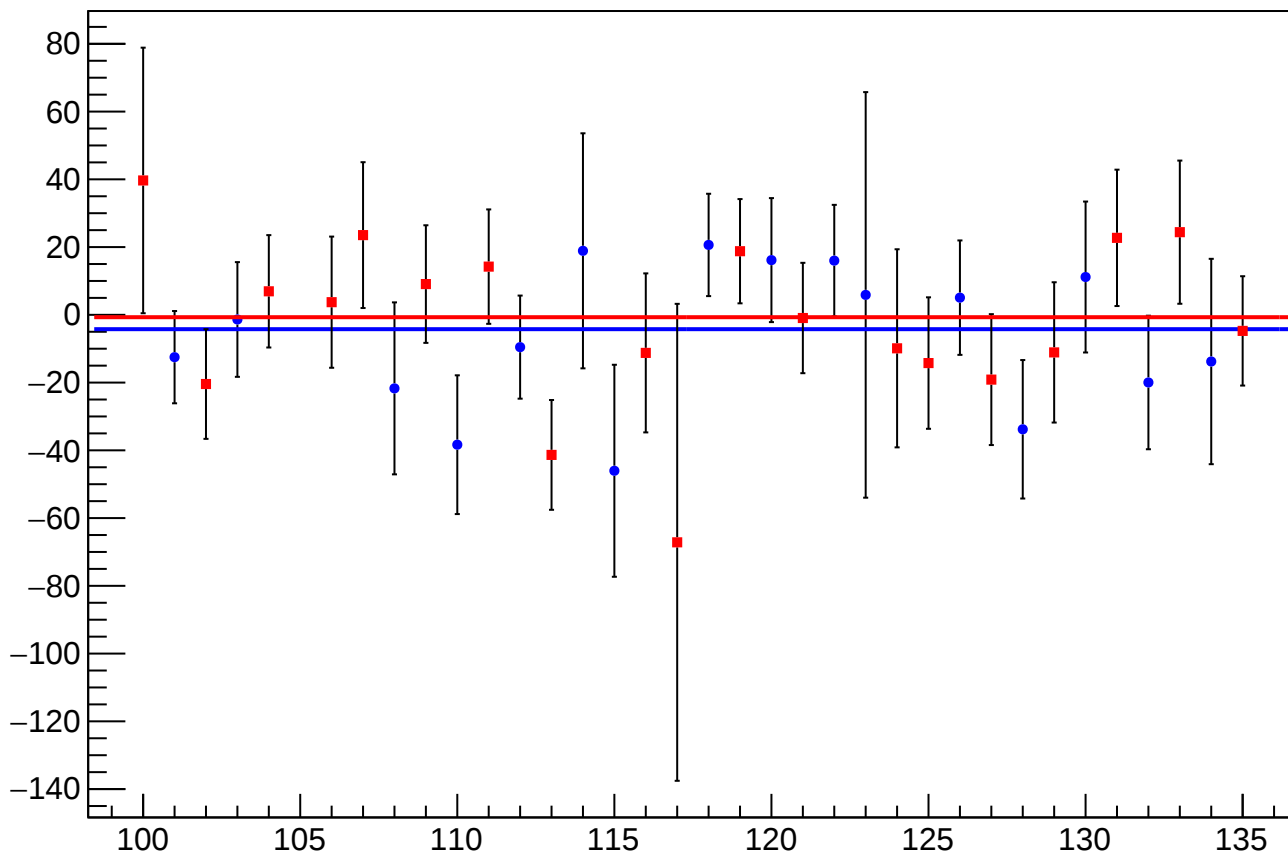
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6733.907+/-1.437 χ^2/NDF : 3187587.0/34

5950.606+/-1.777 χ^2/NDF : 2250977.7/18

diff_bpm11X_mean vs Slug, Sign Corrected



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

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

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

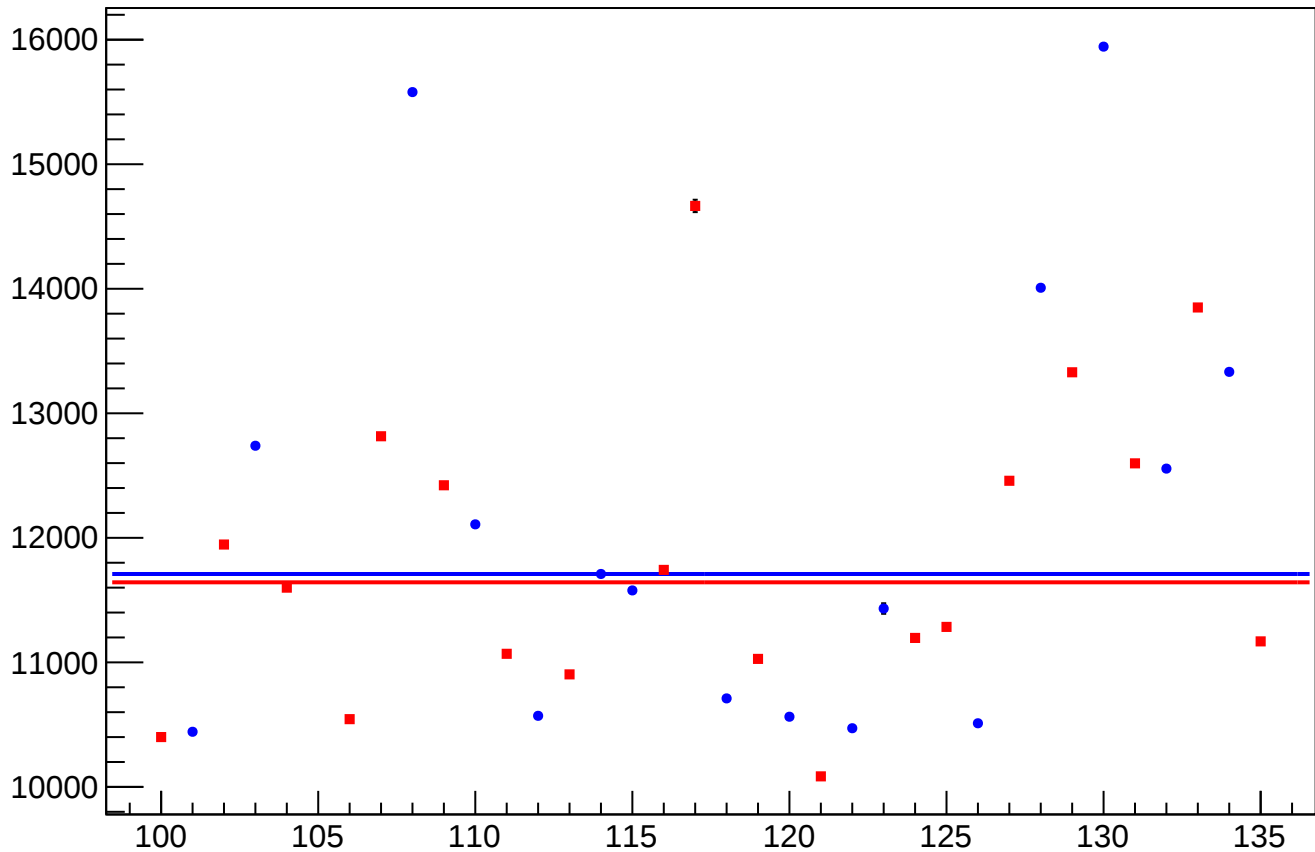
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.234+/-4.886 χ^2 /NDF: 15.1/15

-2.294+/-3.282 χ^2 /NDF: 34.1/34

-0.699+/-4.430 χ^2 /NDF: 18.7/18

diff_bpm11X_rms vs Slug, Sign Corrected



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

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

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

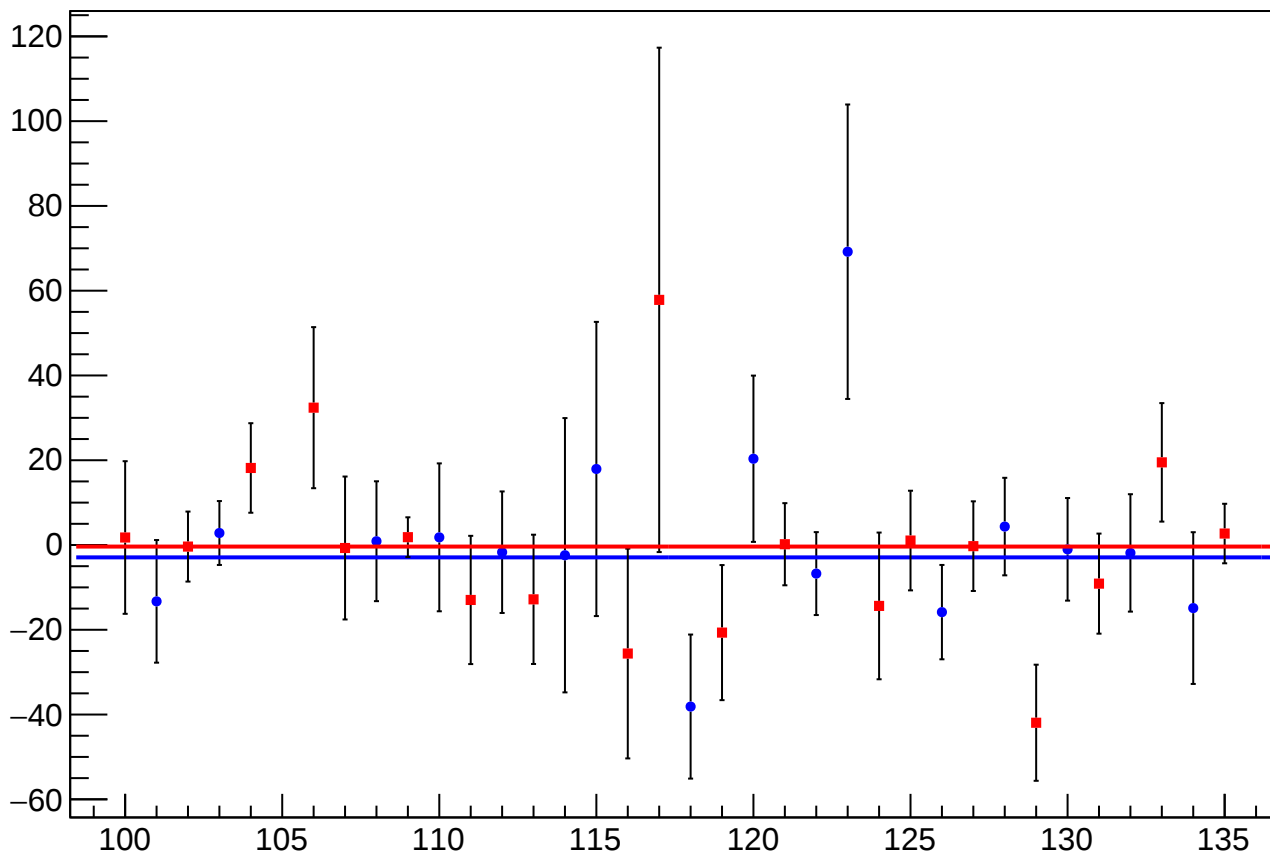
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

11672.924 $\pm$ 2.321 χ^2 /NDF: 325205.5/34

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

diff_bpm11Y_mean vs Slug, Sign Corrected



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

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

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

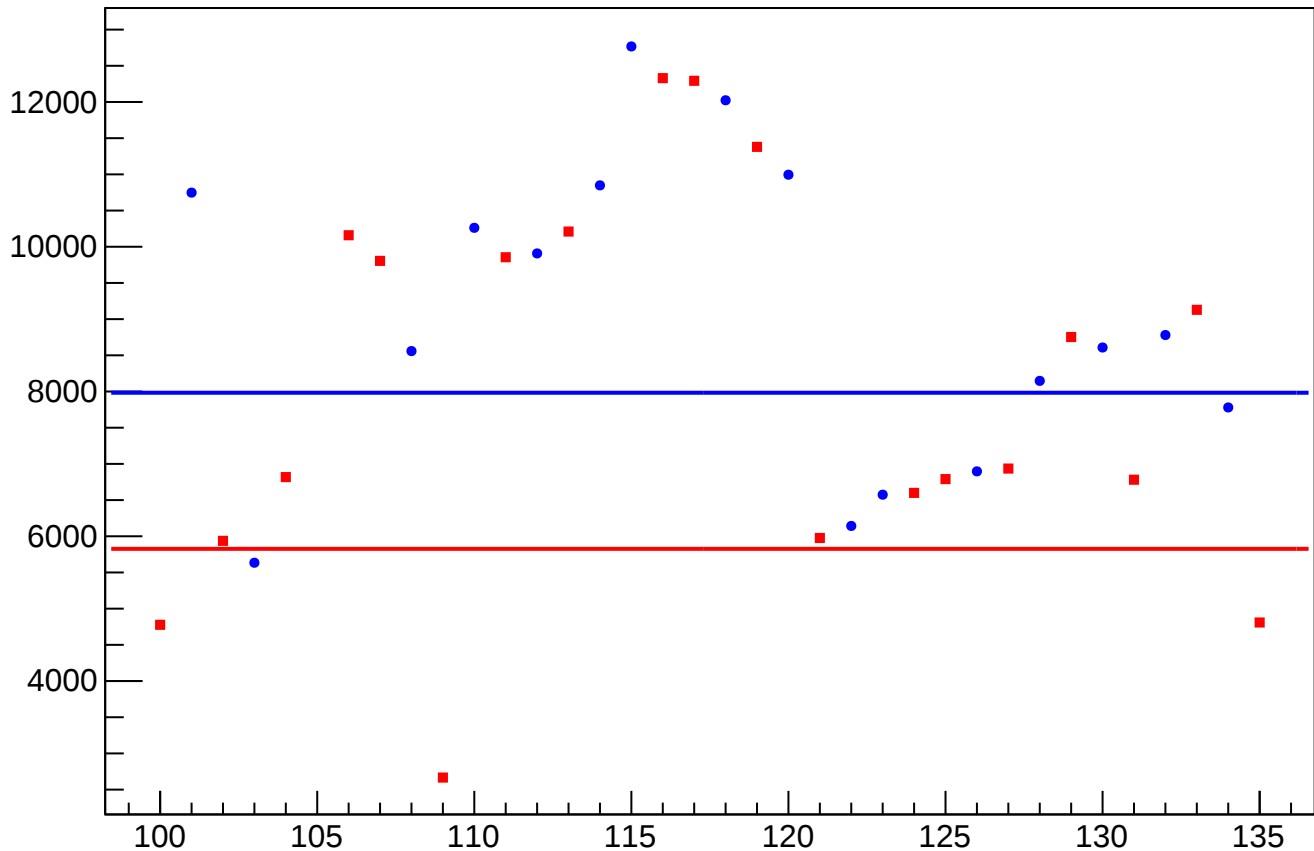
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.919 ± 3.421 χ^2/NDF : 14.0/15

-1.253 ± 2.014 χ^2/NDF : 38.3/34

-0.369 ± 2.491 χ^2/NDF : 23.9/18

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7983.132+/-2.419 χ^2/NDF : 660303.4/15

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

Right Out: 5826.478+/-1.762 χ^2/NDF : 2158508.7/18

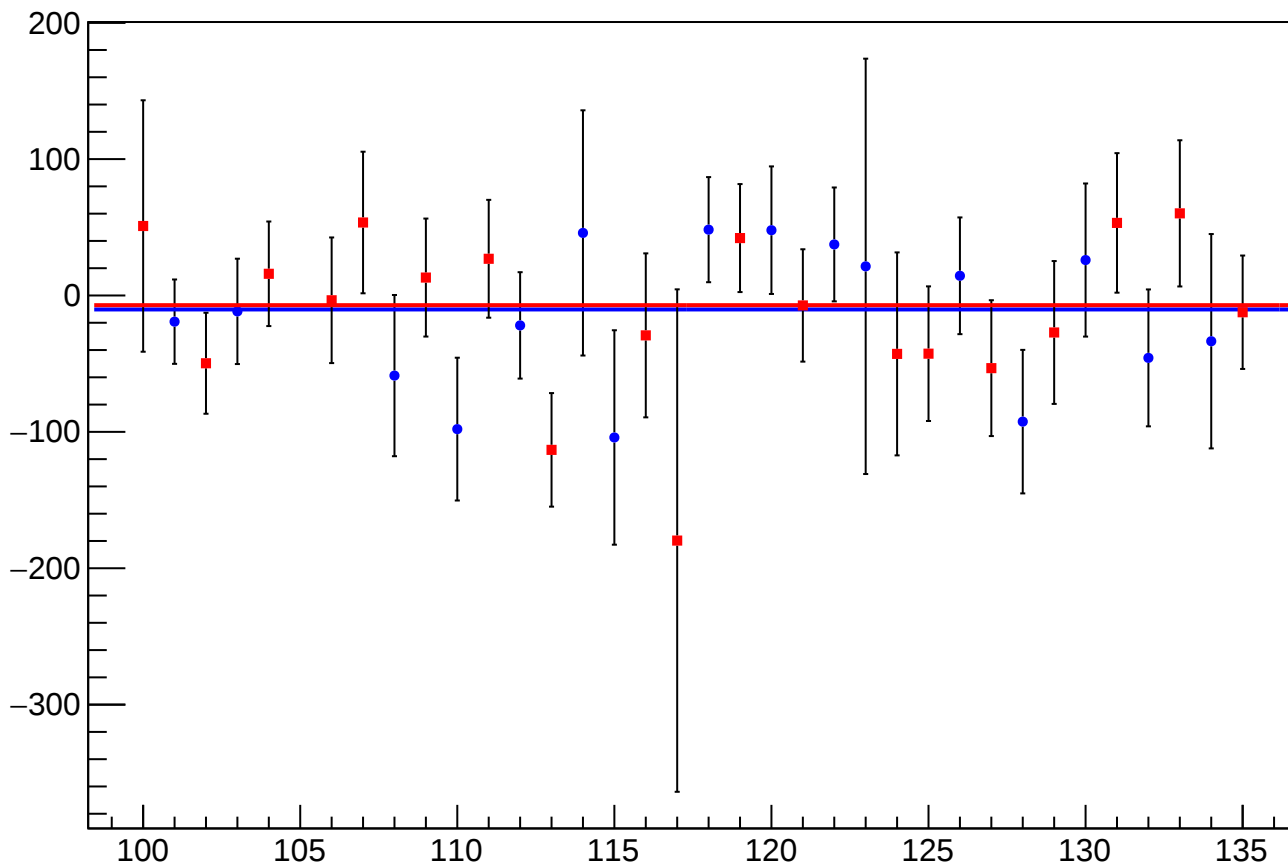
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7983.132+/-2.419 χ^2/NDF : 660303.4/15

6573.890+/-1.424 χ^2/NDF : 3338154.2/34

5826.478+/-1.762 χ^2/NDF : 2158508.7/18

diff_bpm12X_mean vs Slug, Sign Corrected



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

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

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

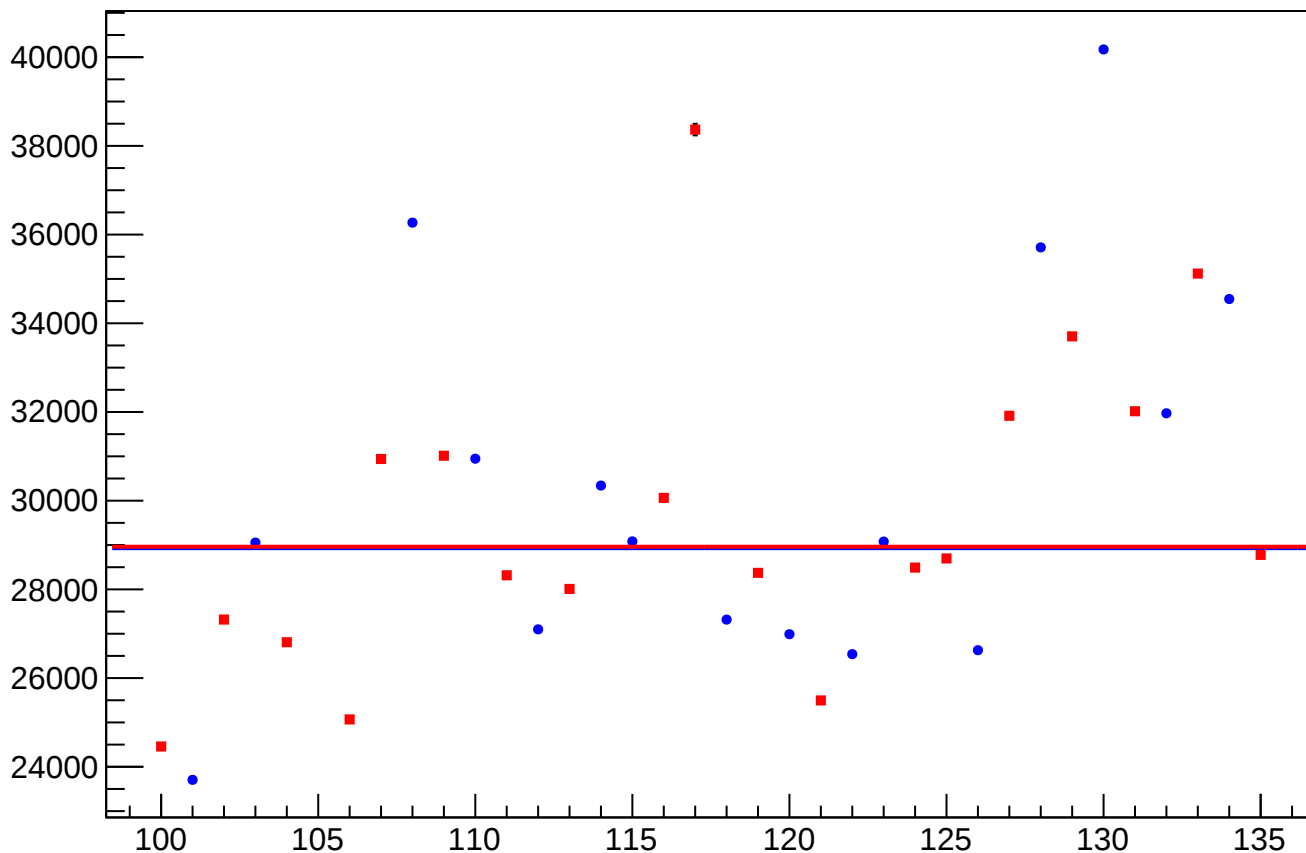
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

-8.532 $\pm$ 8.149 χ^2 /NDF: 32.6/34

-7.103 $\pm$ 11.031 χ^2 /NDF: 18.1/18

diff_bpm12X_rms vs Slug, Sign Corrected



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

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

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

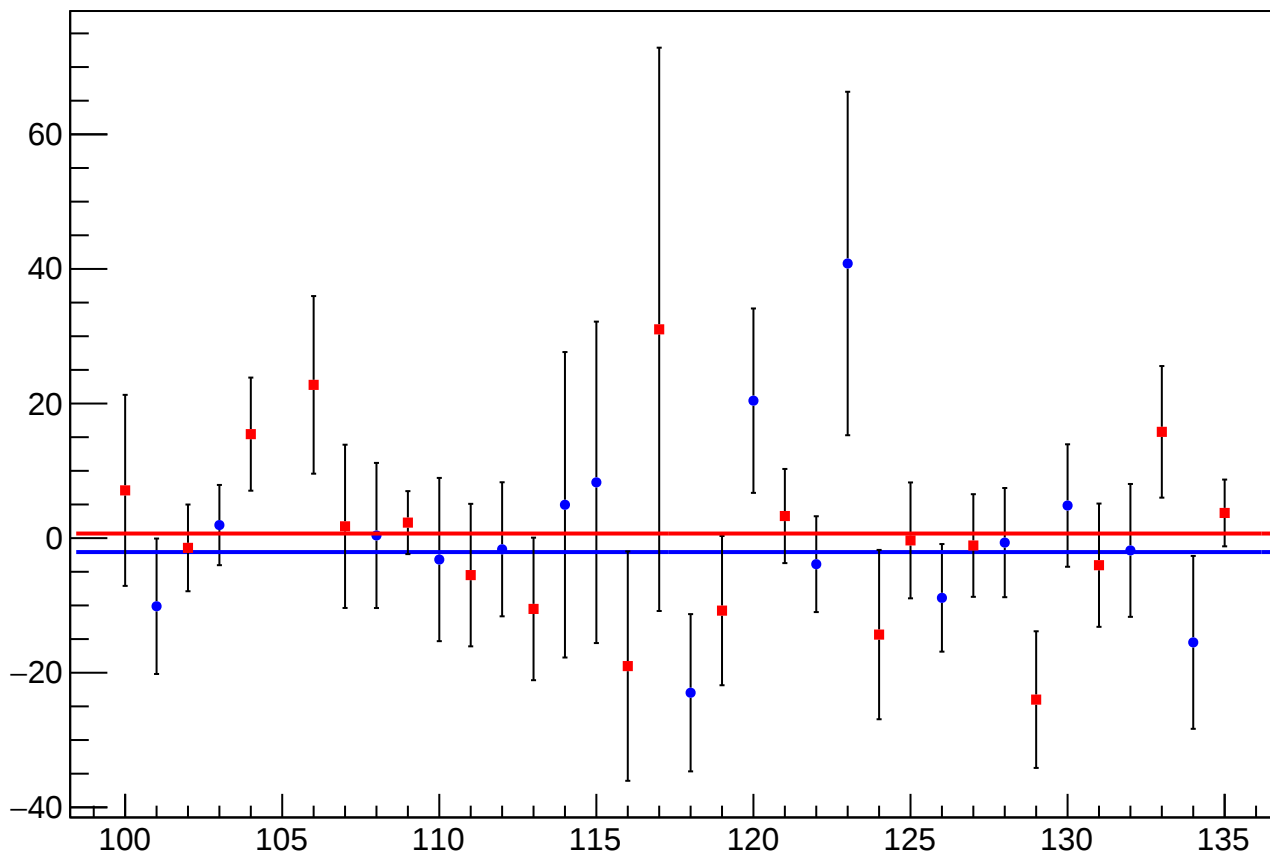
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

28947.263+/-5.762 χ^2/NDF : 361970.6/34

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

diff_bpm12Y_mean vs Slug, Sign Corrected



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

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

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

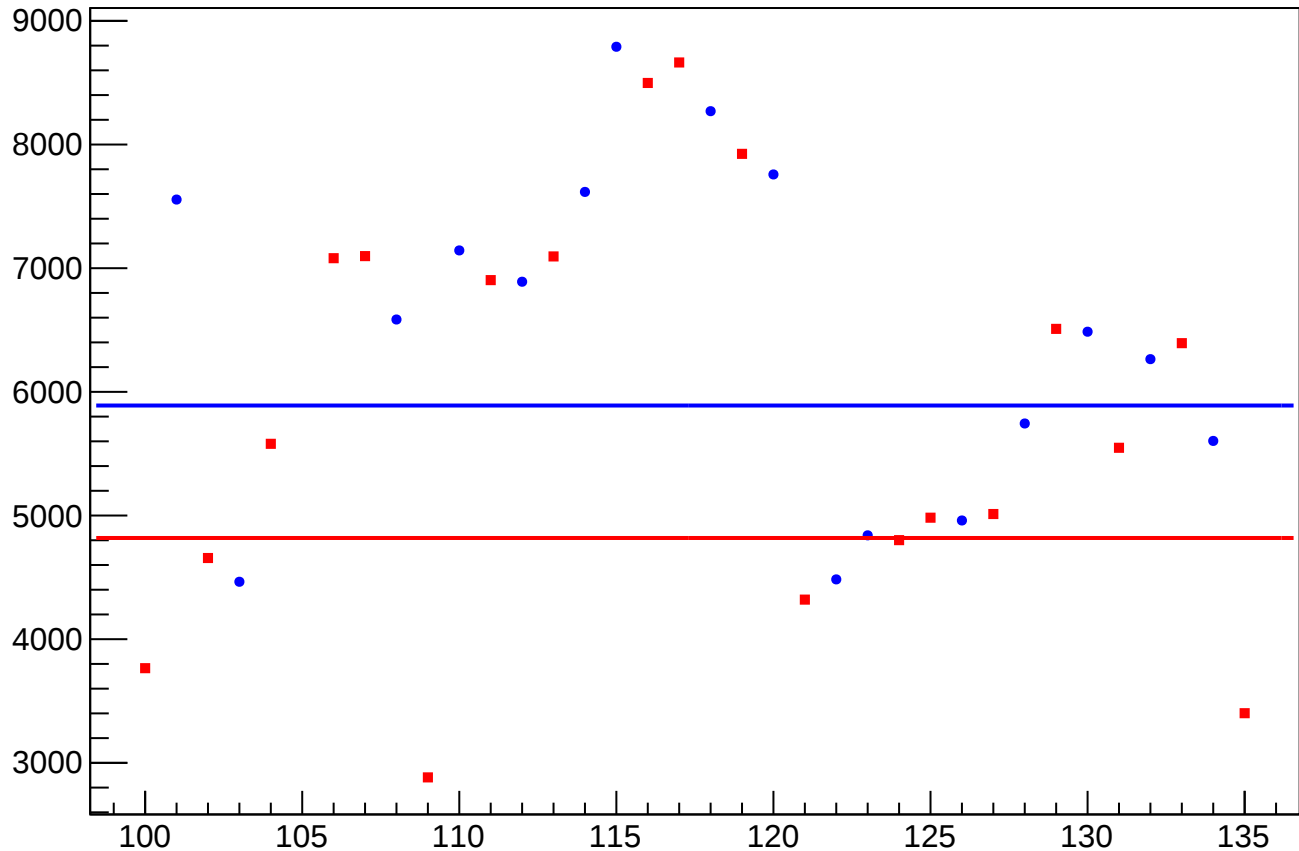
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.071+/-2.497 χ^2/NDF : 12.6/15

-0.364+/-1.540 χ^2/NDF : 34.7/34

0.683+/-1.955 χ^2/NDF : 21.3/18

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5889.581 $\pm$ 1.766 χ^2 /NDF: 501816.5/15

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

Right Out: 4818.405 $\pm$ 1.383 χ^2 /NDF: 1232887.6/18

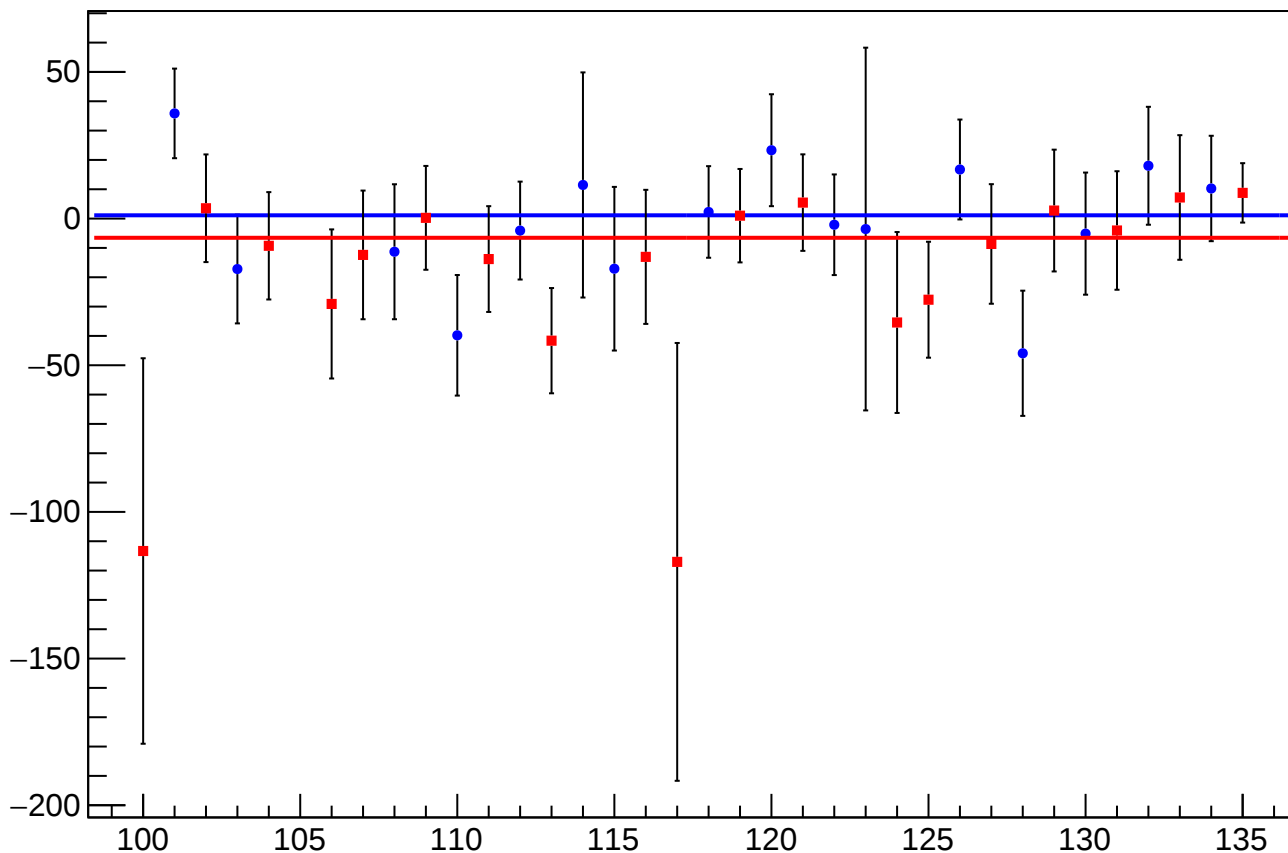
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5889.581 $\pm$ 1.766 χ^2 /NDF: 501816.5/15

5225.472 $\pm$ 1.089 χ^2 /NDF: 1962816.6/34

4818.405 $\pm$ 1.383 χ^2 /NDF: 1232887.6/18

diff_bpm16X_mean vs Slug, Sign Corrected



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

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

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

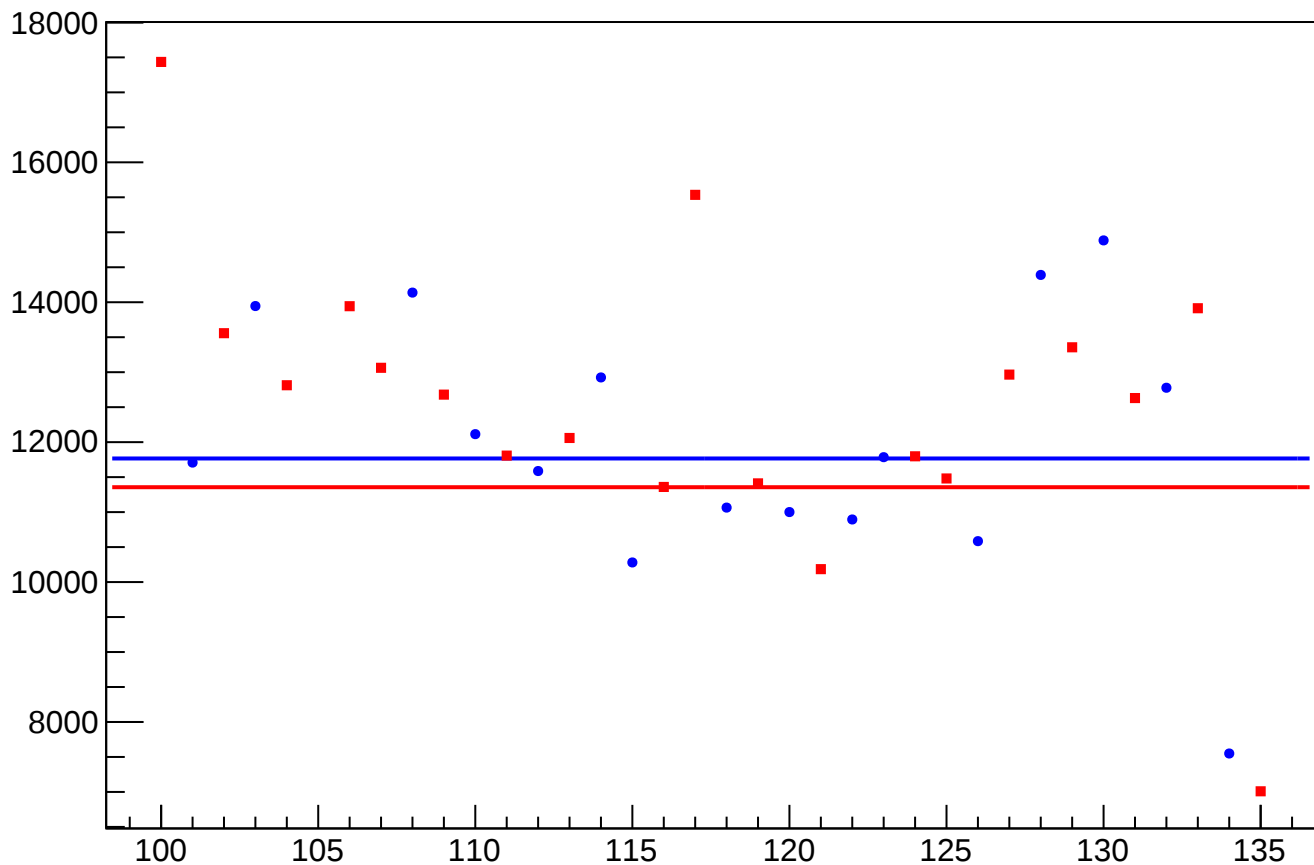
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.120+/-4.936 χ^2/NDF : 19.1/15

-3.152+/-3.284 χ^2/NDF : 36.4/34

-6.544+/-4.399 χ^2/NDF : 15.9/18

diff_bpm16X_rms vs Slug, Sign Corrected



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

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

Right Out: 11355.921+/-3.111 χ^2/NDF : 560310.9/18

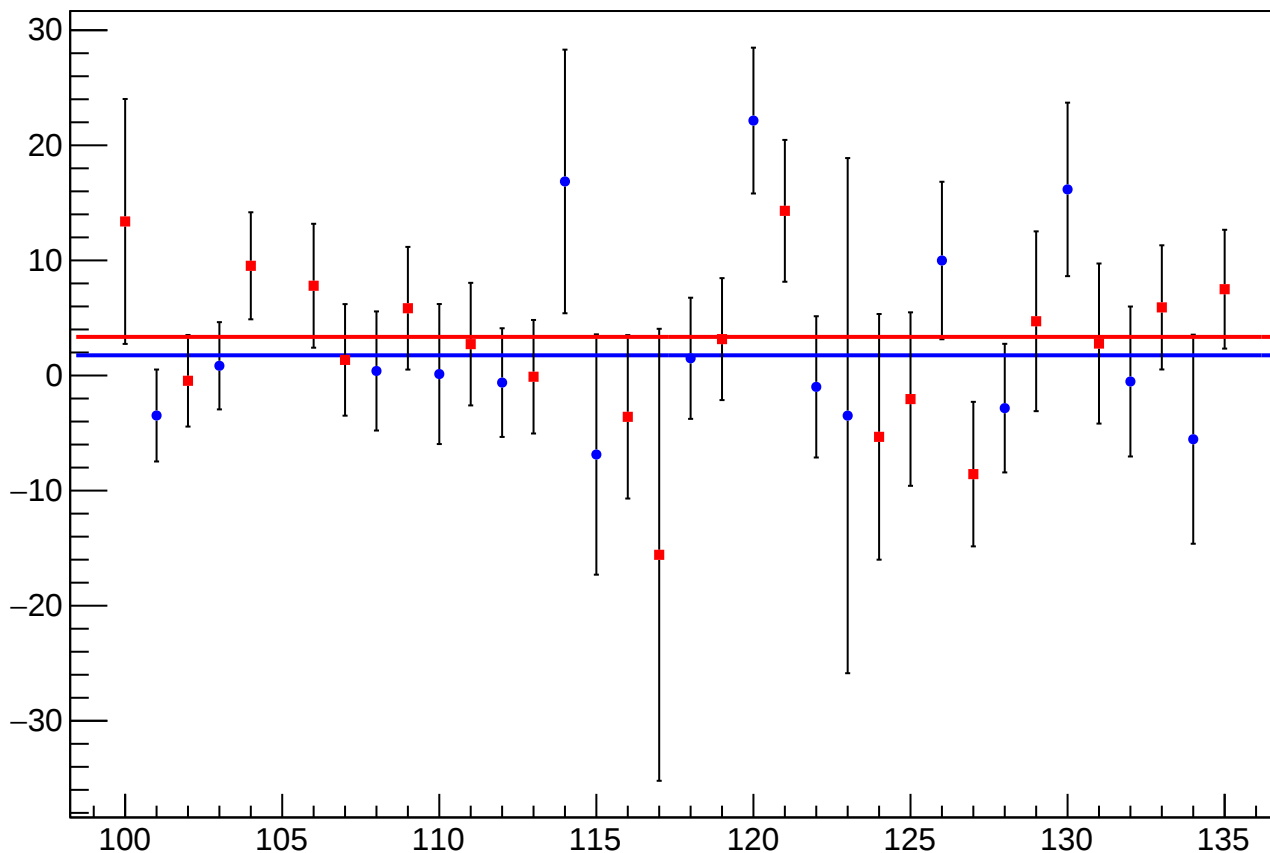
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

11537.730+/-2.322 χ^2/NDF : 837598.3/34

11355.921+/-3.111 χ^2/NDF : 560310.9/18

diff_bpm16Y_mean vs Slug, Sign Corrected



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

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

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

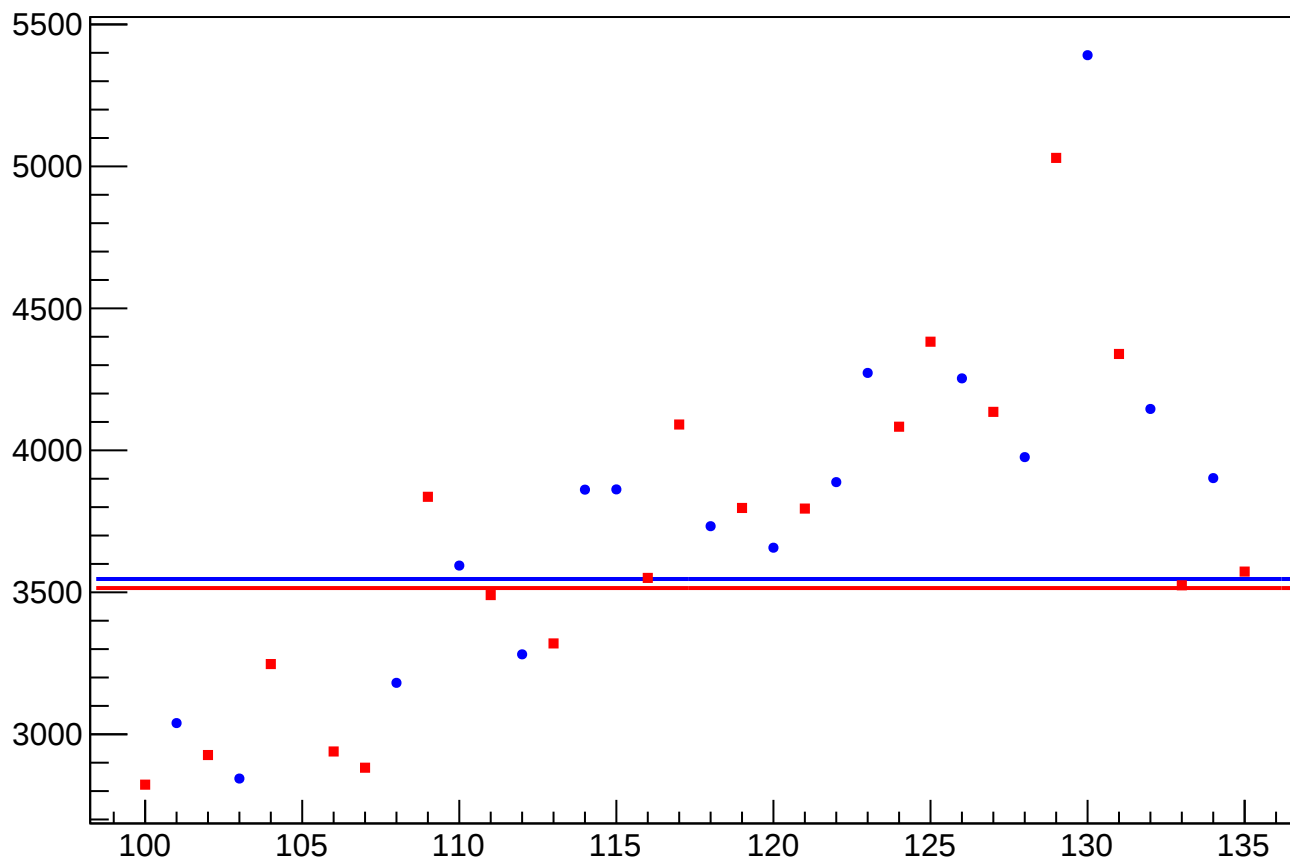
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.755+/-1.483 χ^2/NDF : 21.8/15

2.632+/-0.997 χ^2/NDF : 38.3/34

3.355+/-1.346 χ^2/NDF : 15.9/18

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3546.912 $\pm$ 1.049 χ^2 /NDF: 305095.9/15

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

Right Out: 3515.011 $\pm$ 0.952 χ^2 /NDF: 293076.8/18

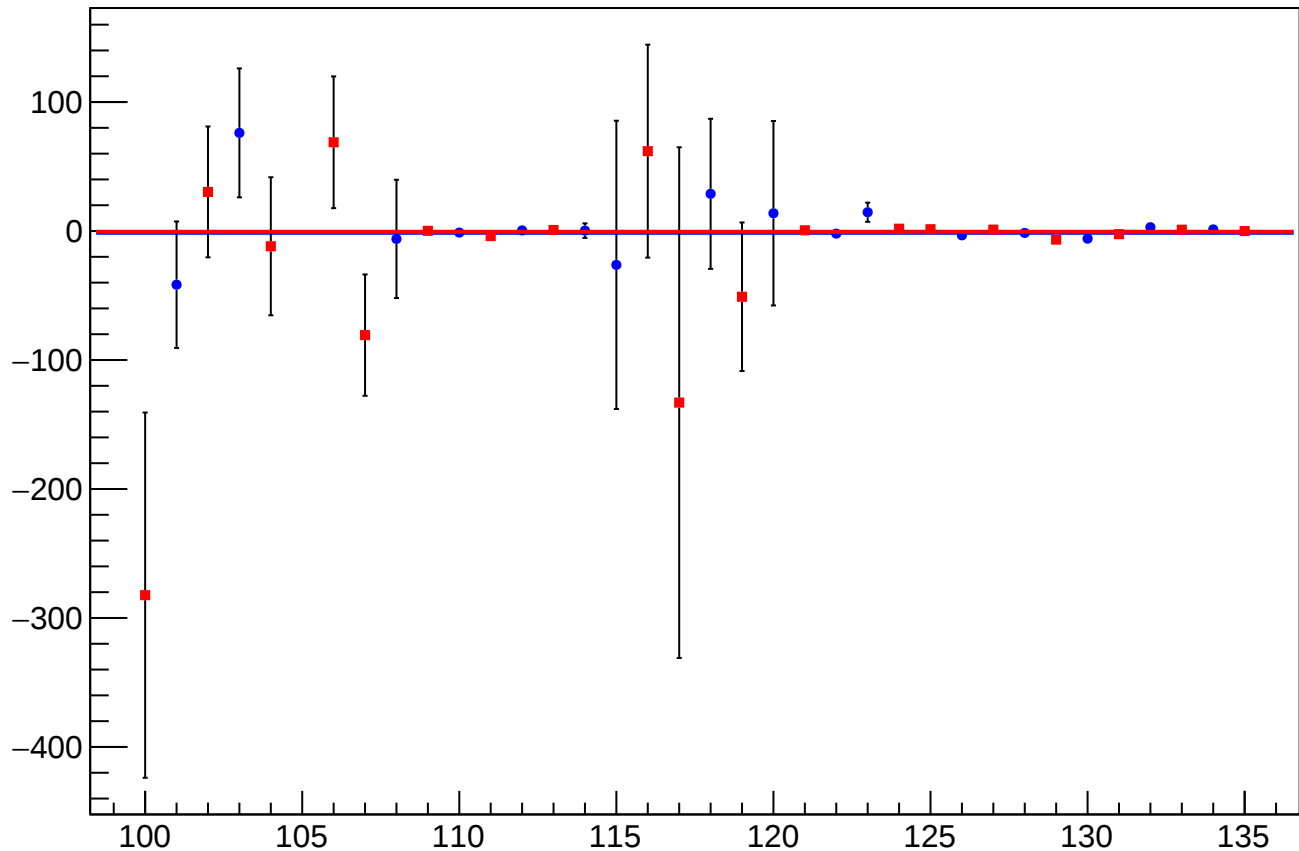
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3546.912 $\pm$ 1.049 χ^2 /NDF: 305095.9/15

3529.417 $\pm$ 0.705 χ^2 /NDF: 598680.1/34

3515.011 $\pm$ 0.952 χ^2 /NDF: 293076.8/18

diff_bpm1p02bX_mean vs Slug, Sign Corrected



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

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

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

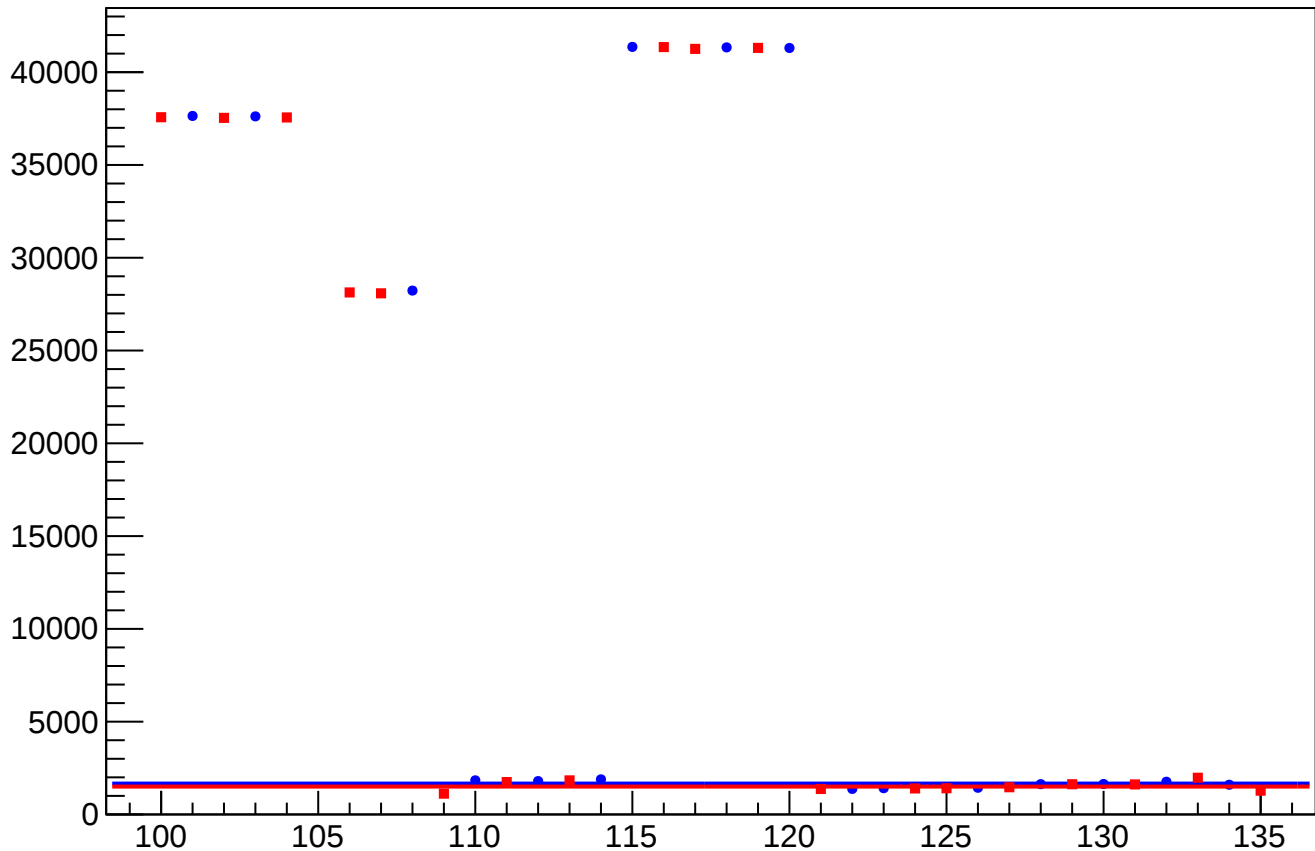
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.337+/-0.882 χ^2 /NDF: 16.3/15

-0.873+/-0.562 χ^2 /NDF: 38.1/34

-0.555+/-0.729 χ^2 /NDF: 21.3/18

diff_bpm1p02bX_rms vs Slug, Sign Corrected



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

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

Right Out: 1502.485+/-0.516 χ^2/NDF : 4969641.2/18

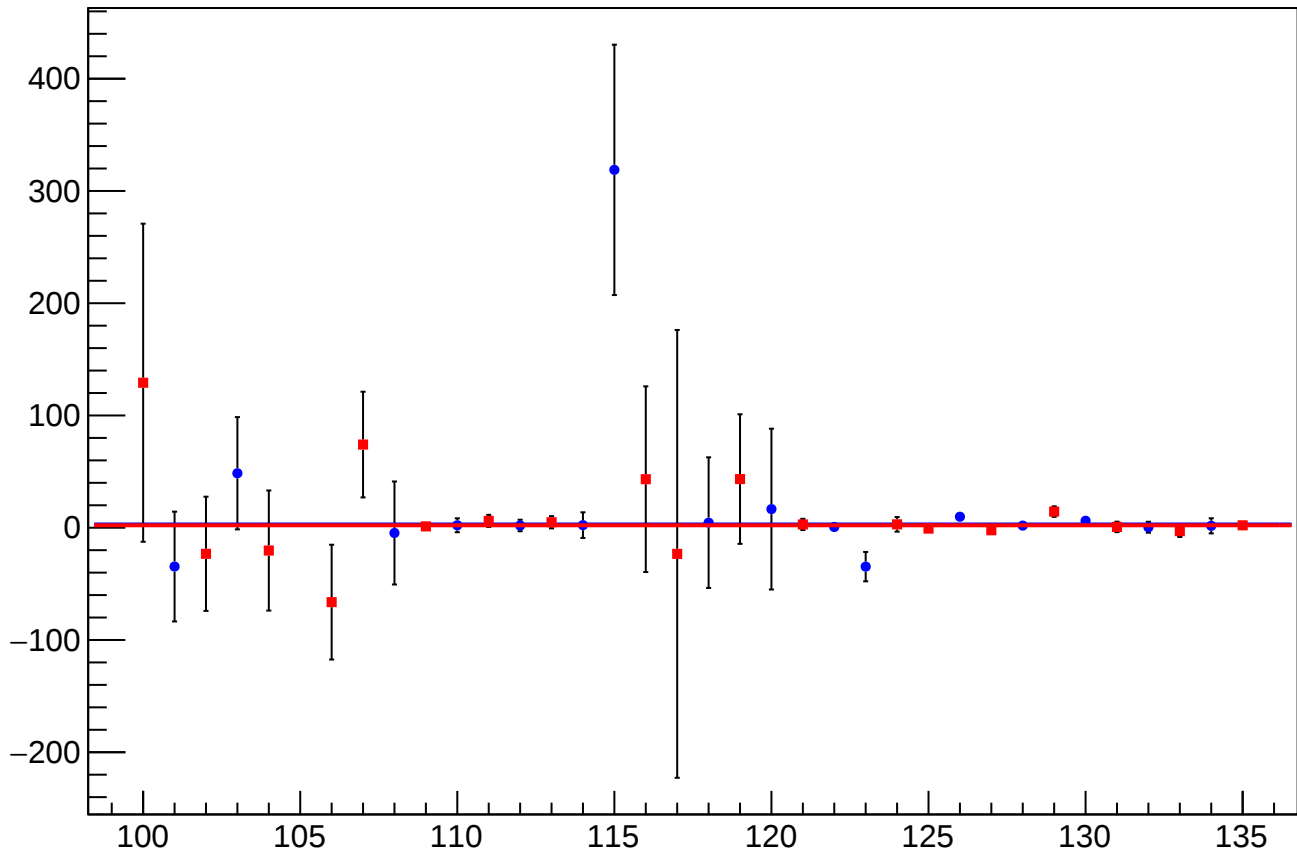
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1567.966+/-0.397 χ^2/NDF : 9662683.2/34

1502.485+/-0.516 χ^2/NDF : 4969641.2/18

diff_bpm1p02bY_mean vs Slug, Sign Corrected



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

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

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

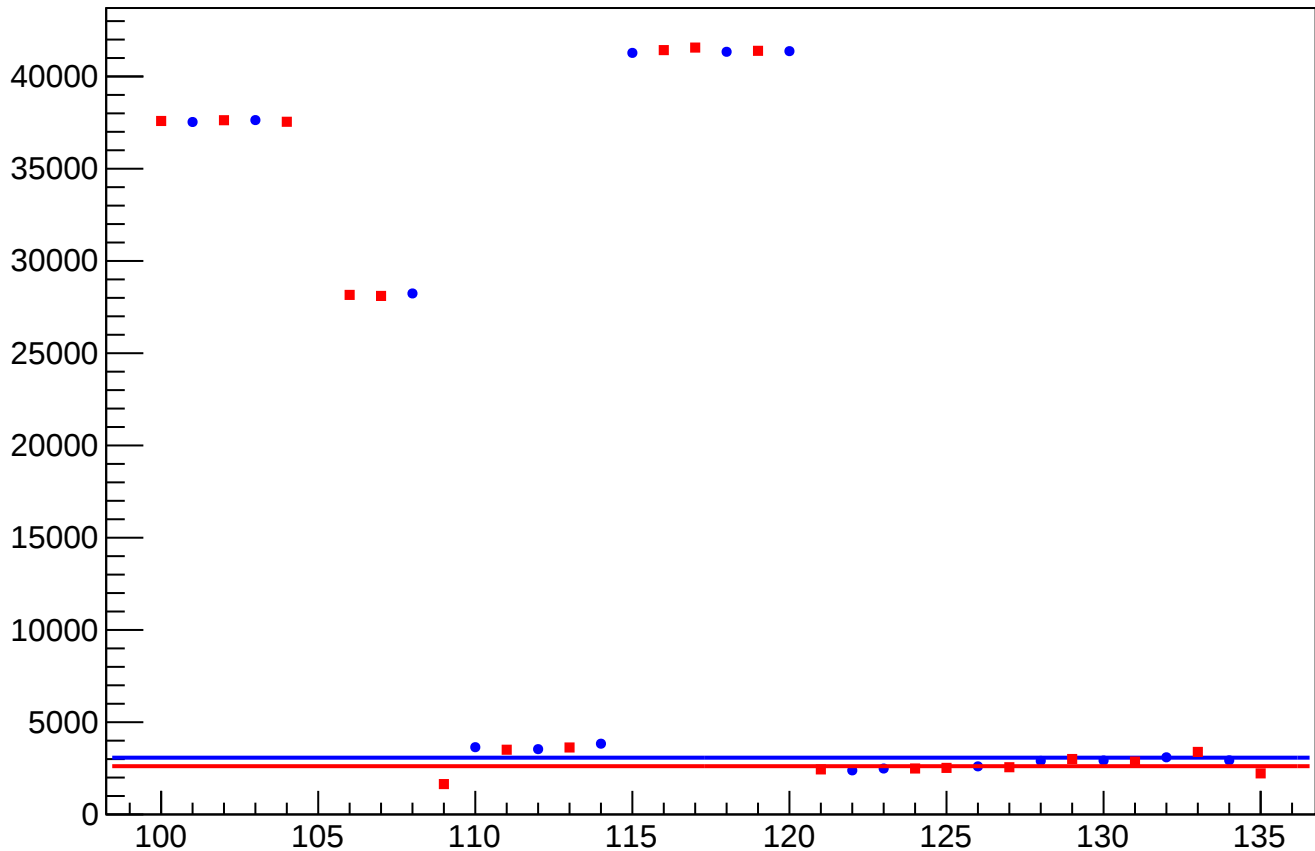
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.880+/-1.601 χ^2/NDF : 21.8/15

2.444+/-0.996 χ^2/NDF : 38.7/34

2.169+/-1.272 χ^2/NDF : 16.7/18

diff_bpm1p02bY_rms vs Slug, Sign Corrected



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

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

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

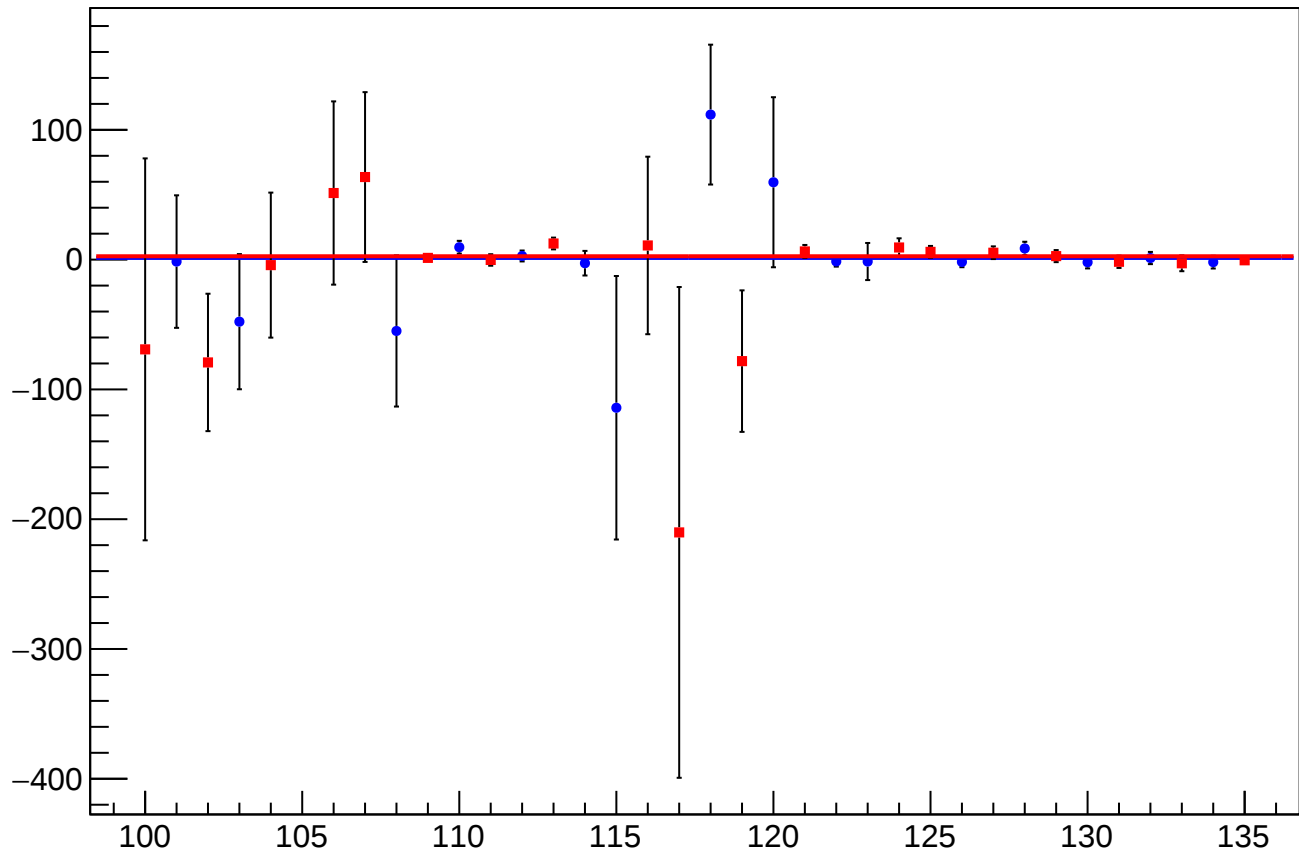
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3077.783 ± 1.132 χ^2/NDF : 4365149.5/15

2794.756 ± 0.704 χ^2/NDF : 9378604.2/34

2616.065 ± 0.900 χ^2/NDF : 4911527.3/18

diff_bpm1p03aX_mean vs Slug, Sign Corrected



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

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

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

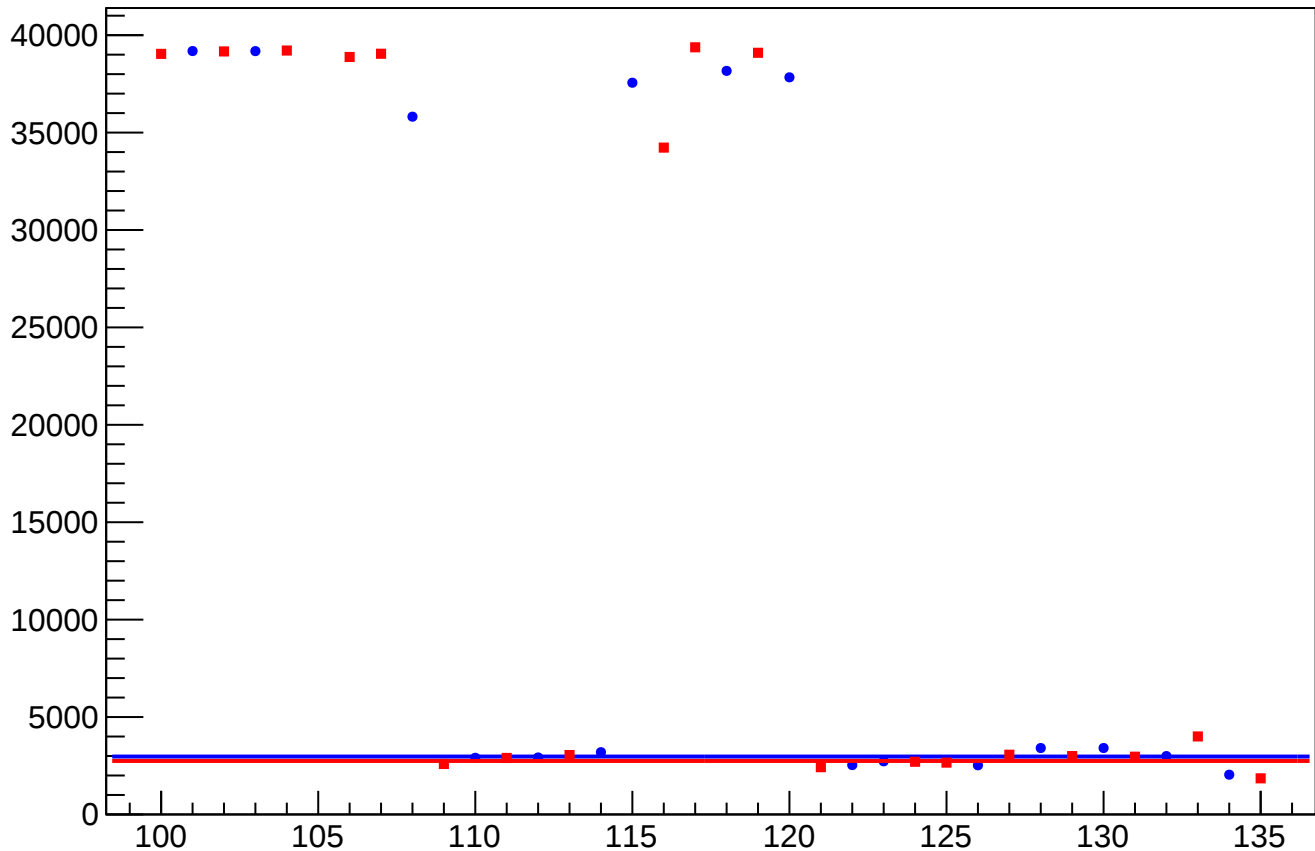
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.315+/-1.567 χ^2/NDF : 15.2/15

2.066+/-1.008 χ^2/NDF : 33.6/34

2.597+/-1.316 χ^2/NDF : 18.0/18

diff_bpm1p03aX_rms vs Slug, Sign Corrected



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

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

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

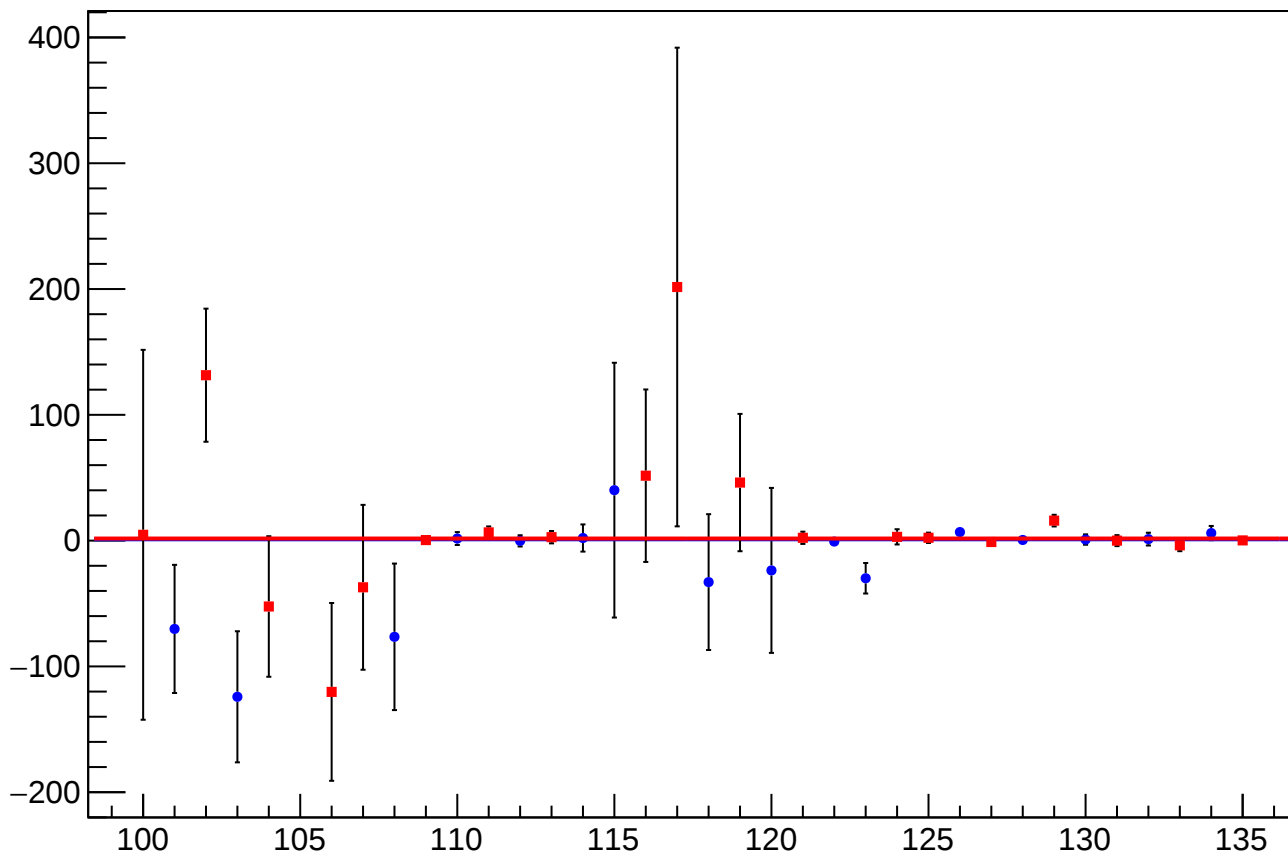
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2839.803+/-0.713 χ^2/NDF : 9237741.5/34

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

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.062+/-1.500 χ^2/NDF : 20.1/15

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

Right Out: 1.666+/-1.107 χ^2/NDF : 25.9/18

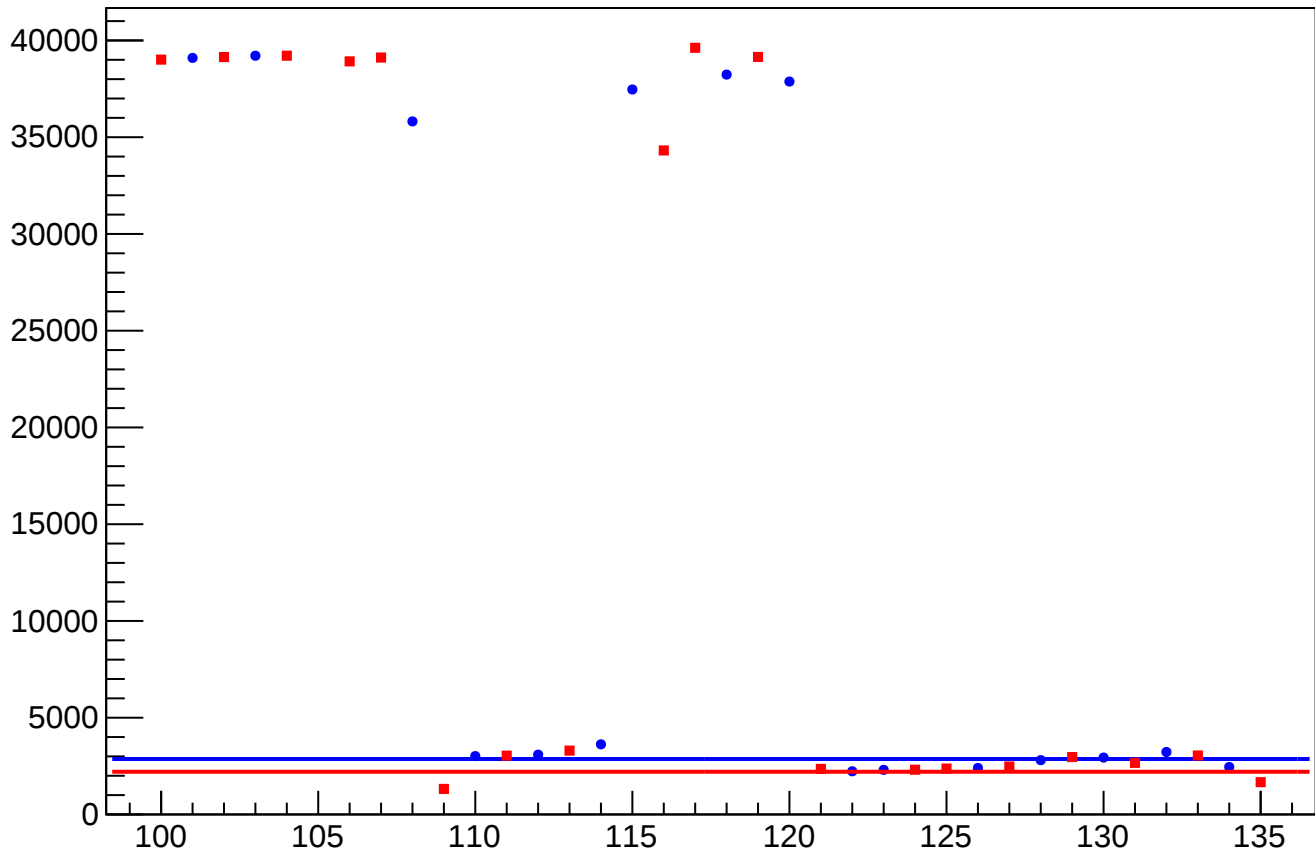
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.062+/-1.500 χ^2/NDF : 20.1/15

1.453+/-0.891 χ^2/NDF : 46.1/34

1.666+/-1.107 χ^2/NDF : 25.9/18

diff_bpm1p03aY_rms vs Slug, Sign Corrected



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

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

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

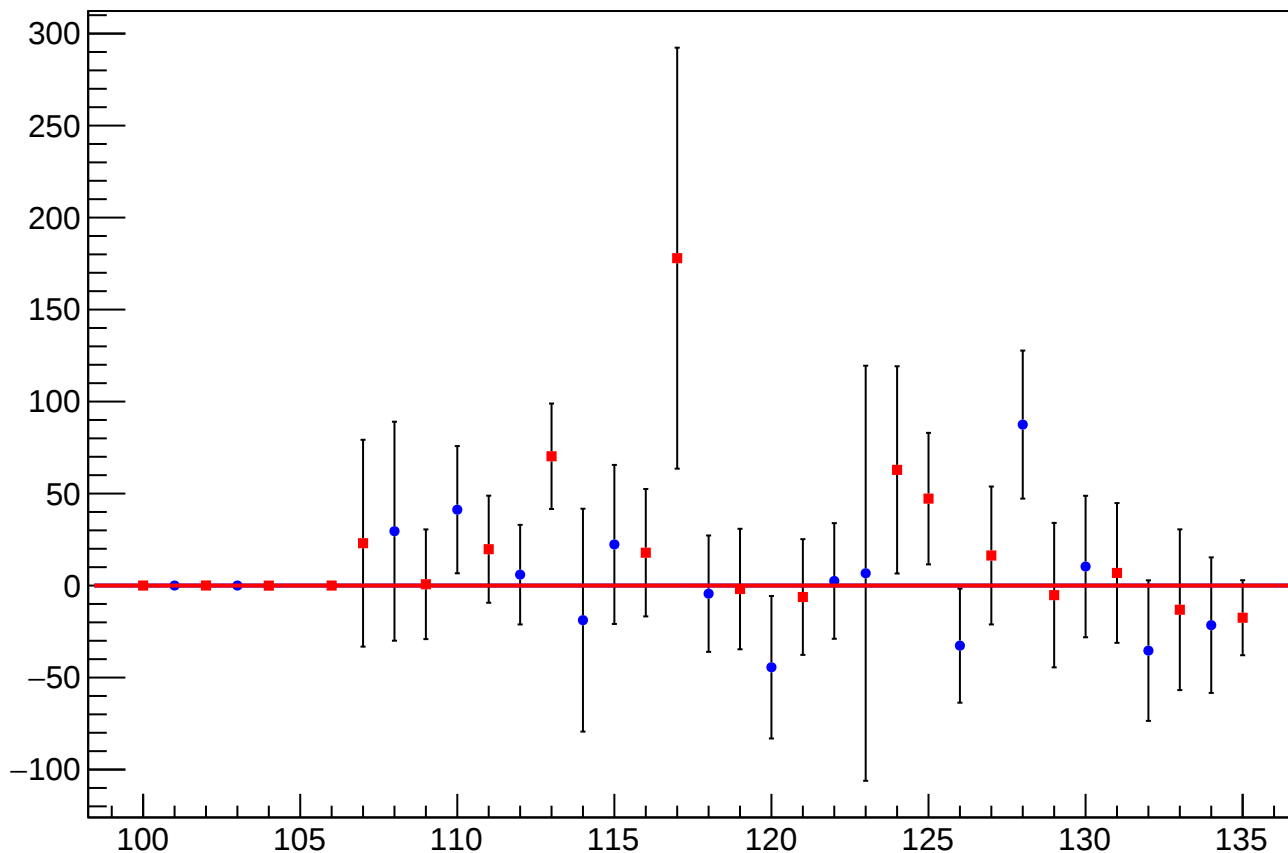
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2439.341+/-0.630 χ^2/NDF : 10008342.9/3

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

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 10.7/15

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

Right Out: -0.003+/-0.016 χ^2/NDF : 18.3/18

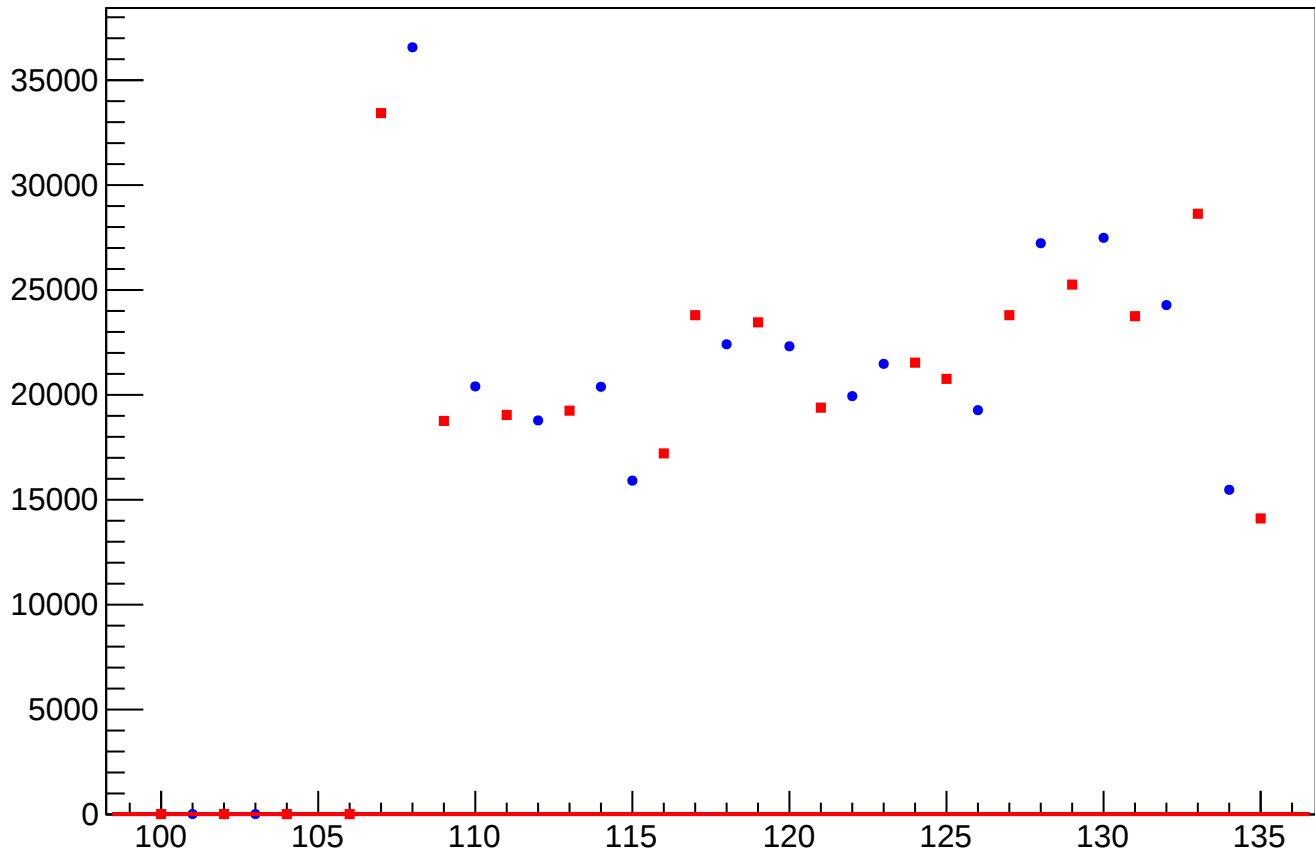
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 10.7/15

0.004+/-0.012 χ^2/NDF : 29.4/34

-0.003+/-0.016 χ^2/NDF : 18.3/18

diff_cav4bX_rms vs Slug, Sign Corrected



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

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

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

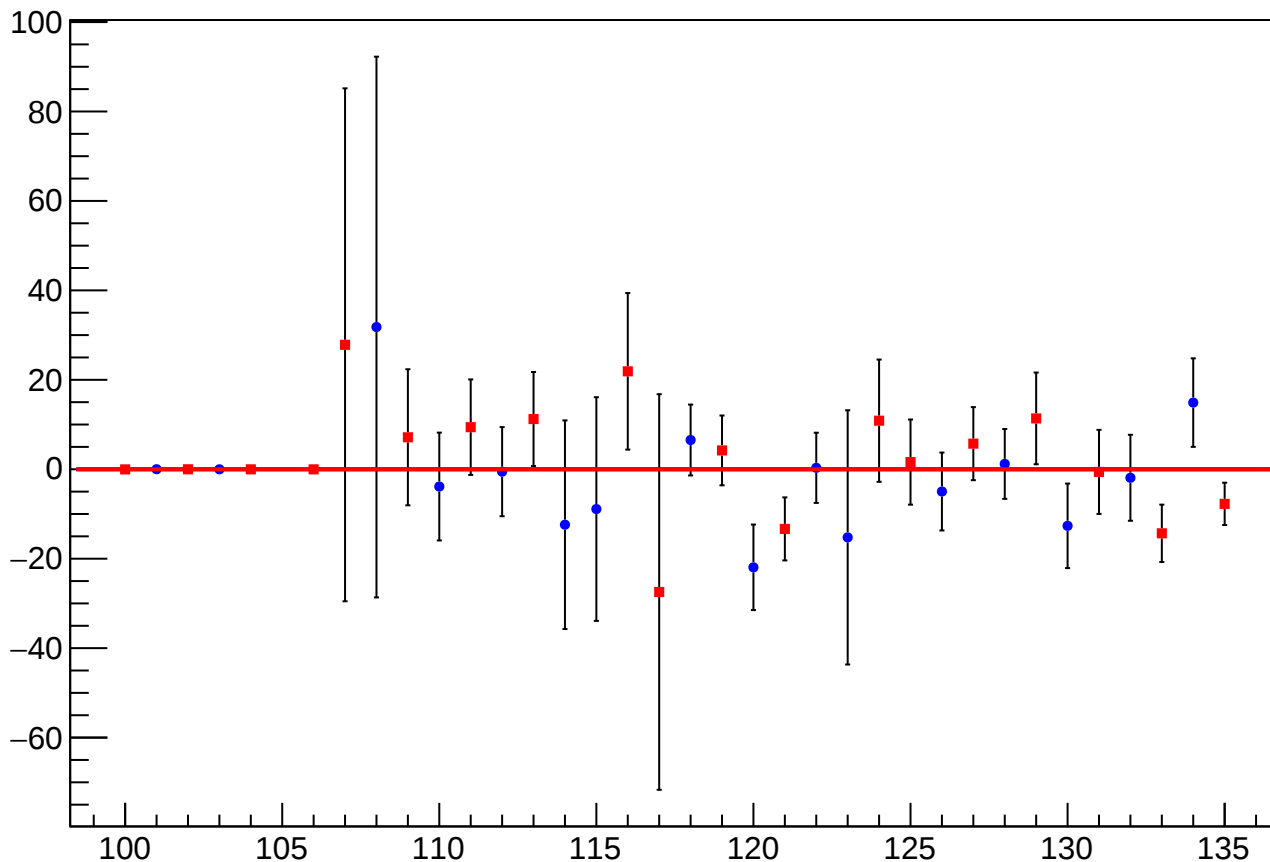
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.623+/-0.012 χ^2/NDF : 9327057.8/15

18.454+/-0.008 χ^2/NDF : 20148115.2/34

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

diff_cav4bY_mean vs Slug, Sign Corrected



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

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

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

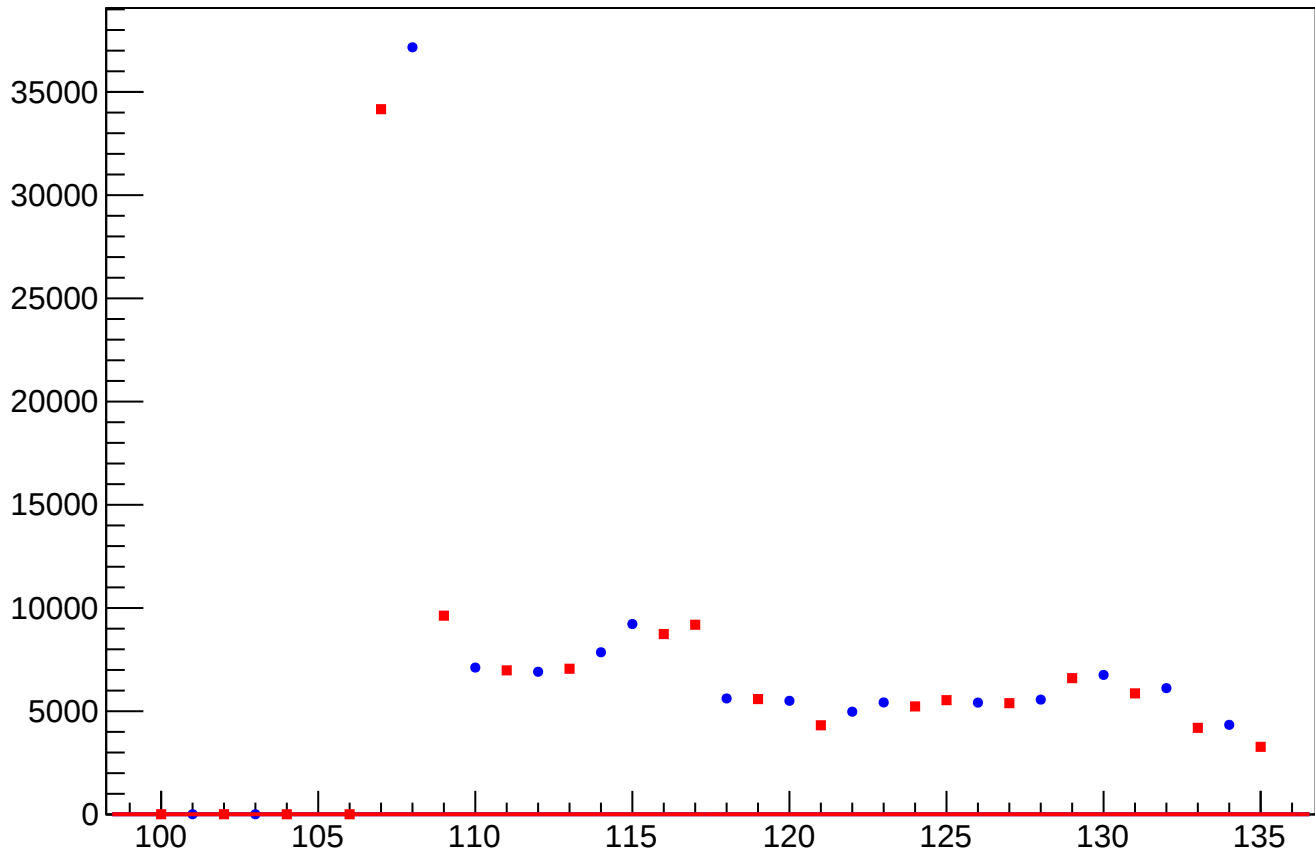
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 12.6/15

-0.007+/-0.006 χ^2/NDF : 32.9/34

-0.014+/-0.009 χ^2/NDF : 18.9/18

diff_cav4bY_rms vs Slug, Sign Corrected



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

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

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

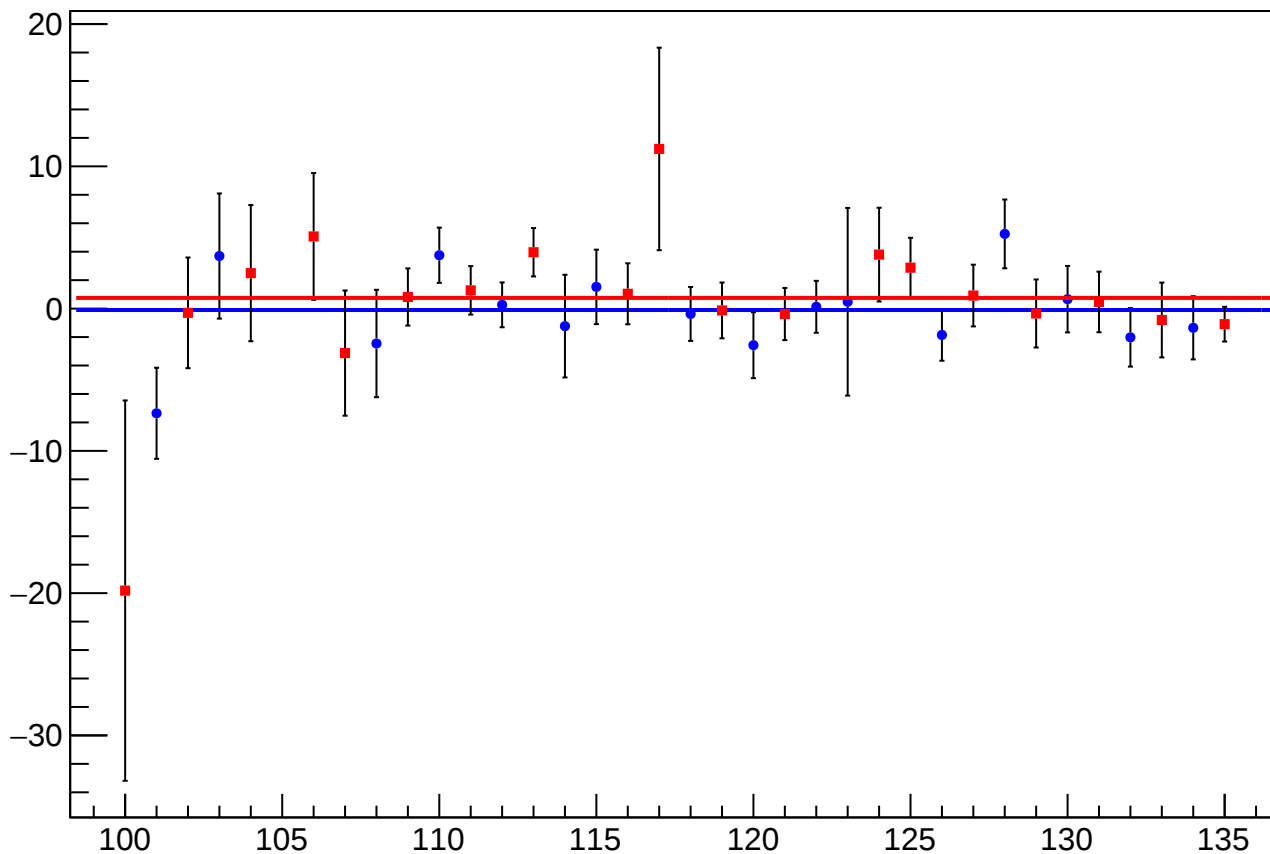
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.918+/-0.007 χ^2/NDF : 9449887.4/15

9.882+/-0.004 χ^2/NDF : 20320657.3/34

9.851+/-0.006 χ^2/NDF : 10870712.9/18

diff_cav4cX_mean vs Slug, Sign Corrected



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

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

Right Out: 0.752+/-0.520 χ^2 /NDF: 15.5/18

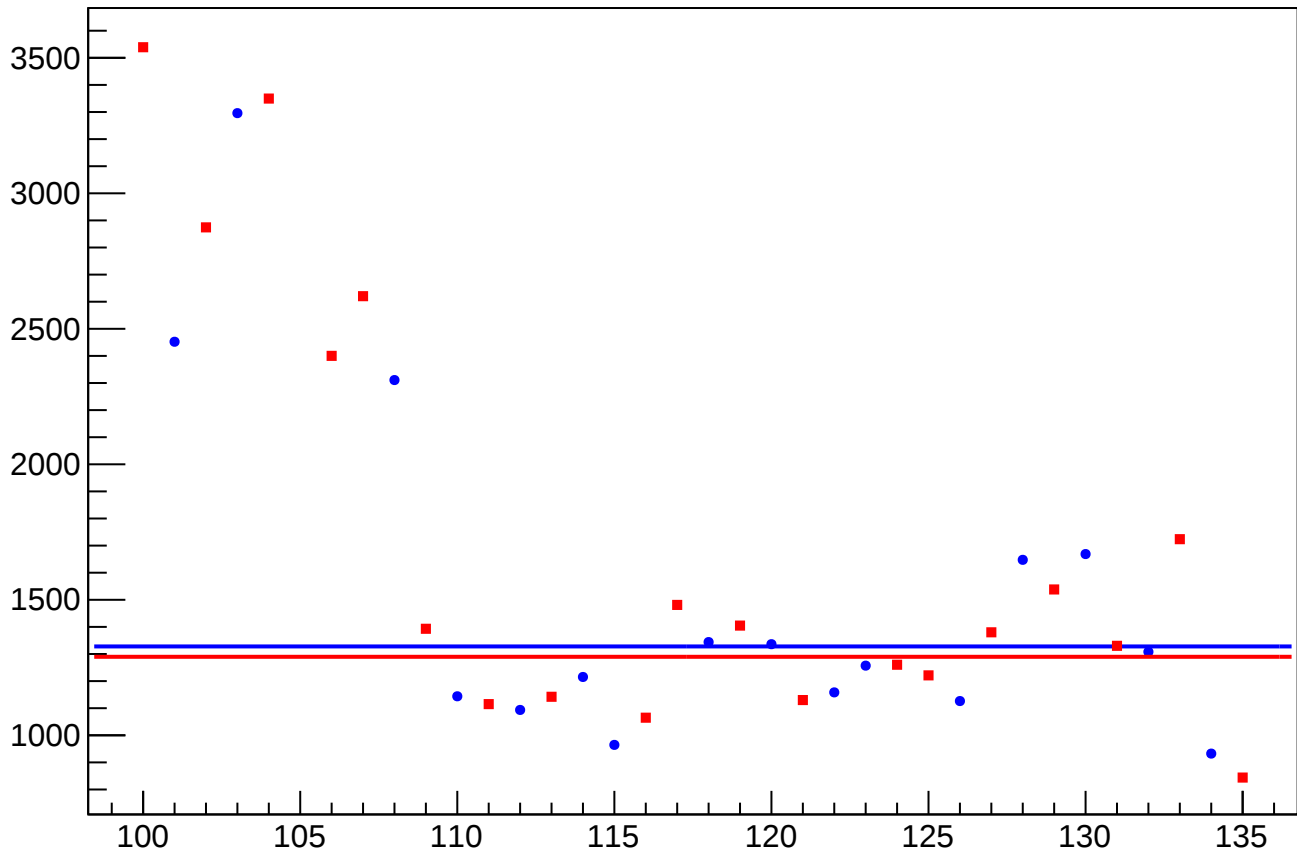
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.098+/-0.578 χ^2 /NDF: 19.1/15

0.371+/-0.387 χ^2 /NDF: 35.7/34

0.752+/-0.520 χ^2 /NDF: 15.5/18

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1327.903+/-0.409 χ^2/NDF : 1069051.1/15

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

Right Out: 1289.680+/-0.368 χ^2/NDF : 1502992.4/18

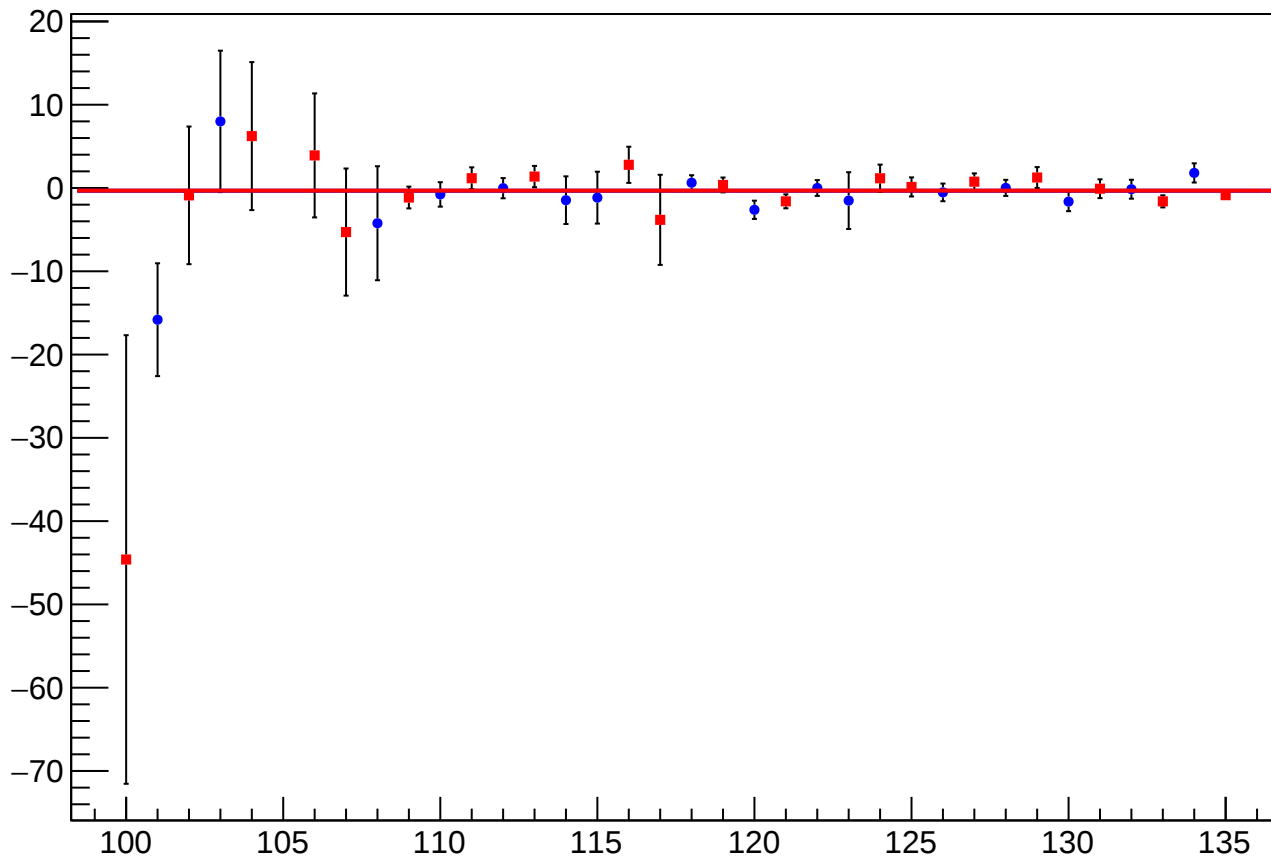
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1327.903+/-0.409 χ^2/NDF : 1069051.1/15

1306.796+/-0.273 χ^2/NDF : 2576878.0/34

1289.680+/-0.368 χ^2/NDF : 1502992.4/18

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.332 $\pm$ 0.335 χ^2 /NDF: 17.5/15

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

Right Out: -0.313 $\pm$ 0.274 χ^2 /NDF: 20.7/18

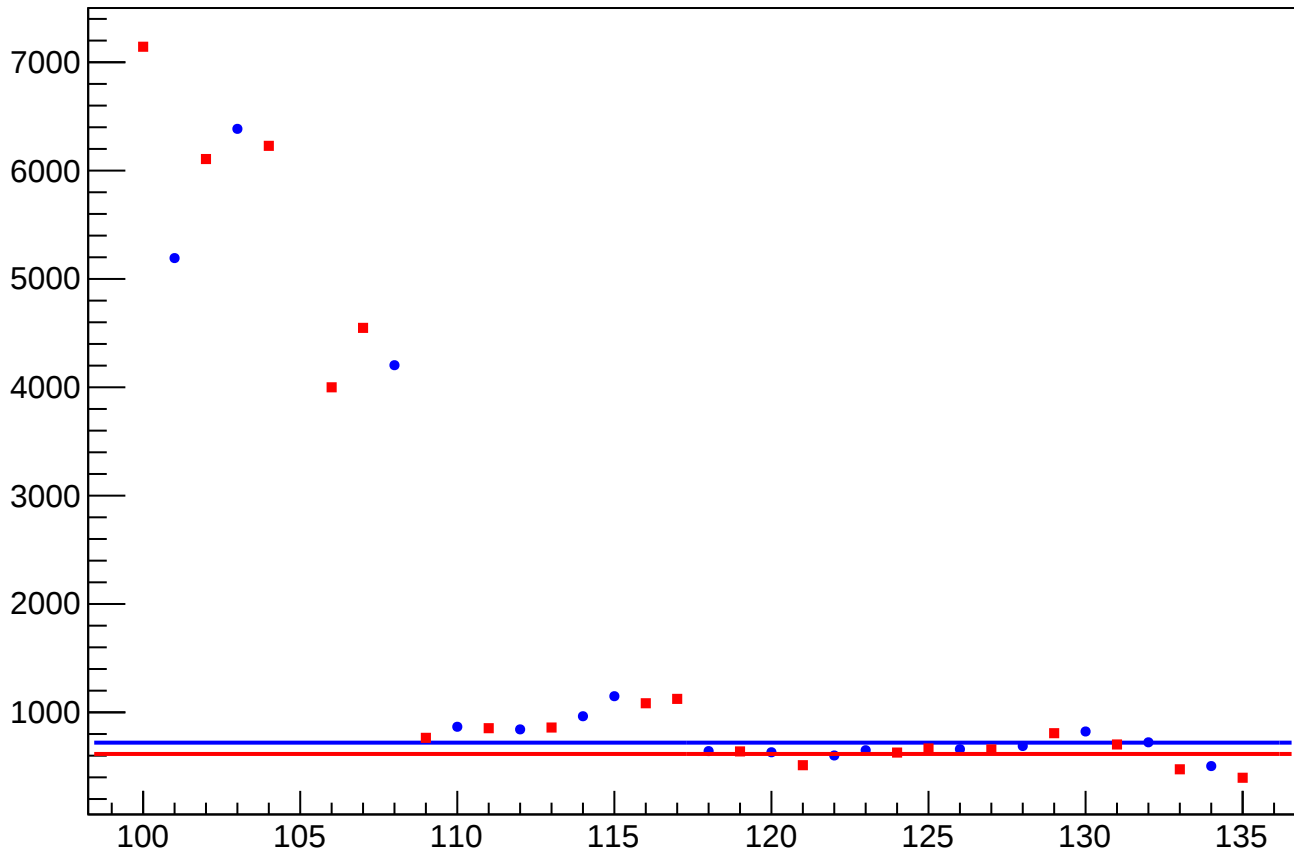
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.332 $\pm$ 0.335 χ^2 /NDF: 17.5/15

-0.321 $\pm$ 0.212 χ^2 /NDF: 38.2/34

-0.313 $\pm$ 0.274 χ^2 /NDF: 20.7/18

diff_cav4cY_rms vs Slug, Sign Corrected



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

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

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

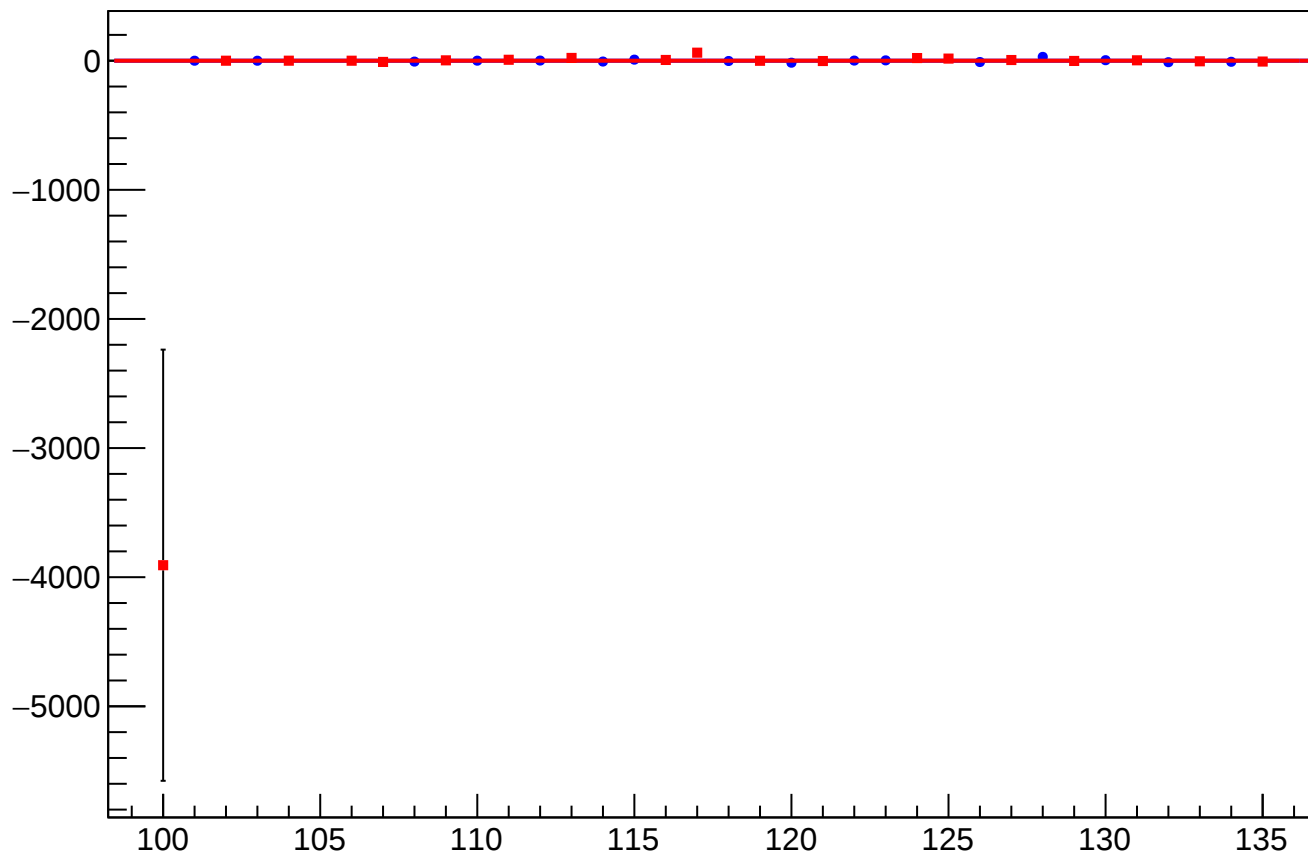
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

657.791+/-0.150 χ^2/NDF : 6130091.4/34

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

diff_cav4dX_mean vs Slug, Sign Corrected



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

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

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

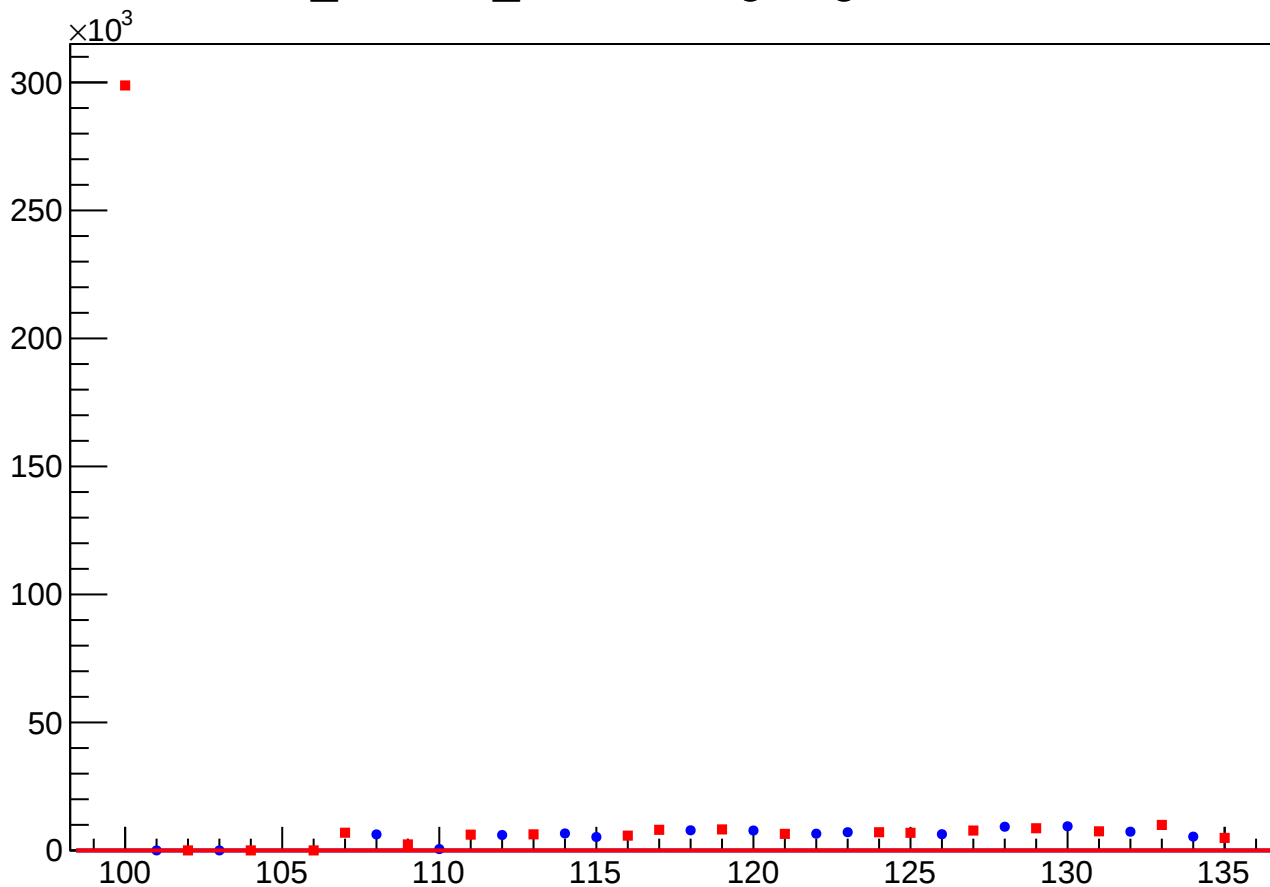
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 10.0/15

0.004+/-0.014 χ^2/NDF : 33.3/34

0.027+/-0.020 χ^2/NDF : 20.4/18

diff_cav4dX_rms vs Slug, Sign Corrected



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

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

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

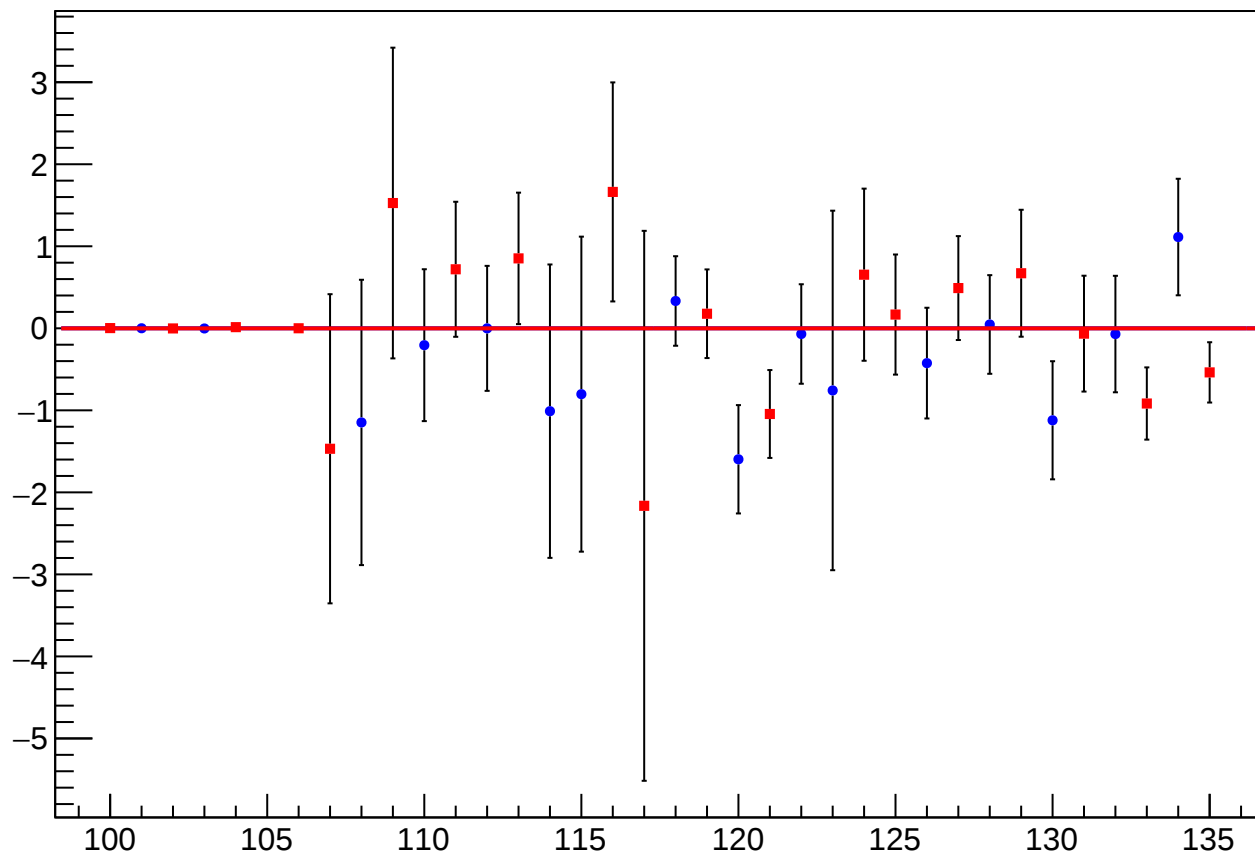
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

17.259 $\pm$ 0.010 χ^2 /NDF: 19383672.6/34

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

diff_cav4dY_mean vs Slug, Sign Corrected



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

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

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

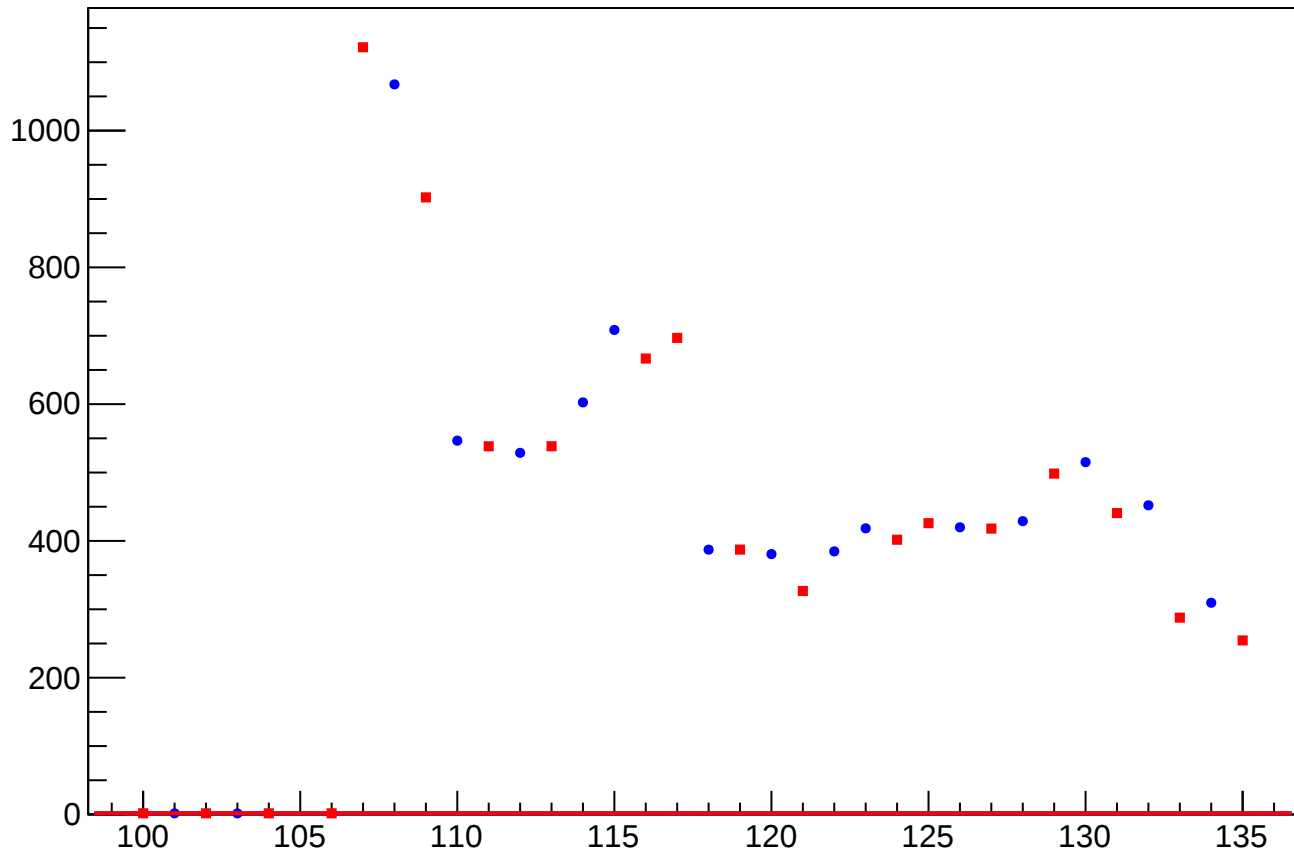
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.002 χ^2/NDF : 12.8/15

-0.000+/-0.001 χ^2/NDF : 31.2/34

-0.001+/-0.002 χ^2/NDF : 18.3/18

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.686 $\pm$ 0.001 χ^2 /NDF: 9402040.5/15

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

Right Out: 1.726 $\pm$ 0.001 χ^2 /NDF: 10457358.2/18

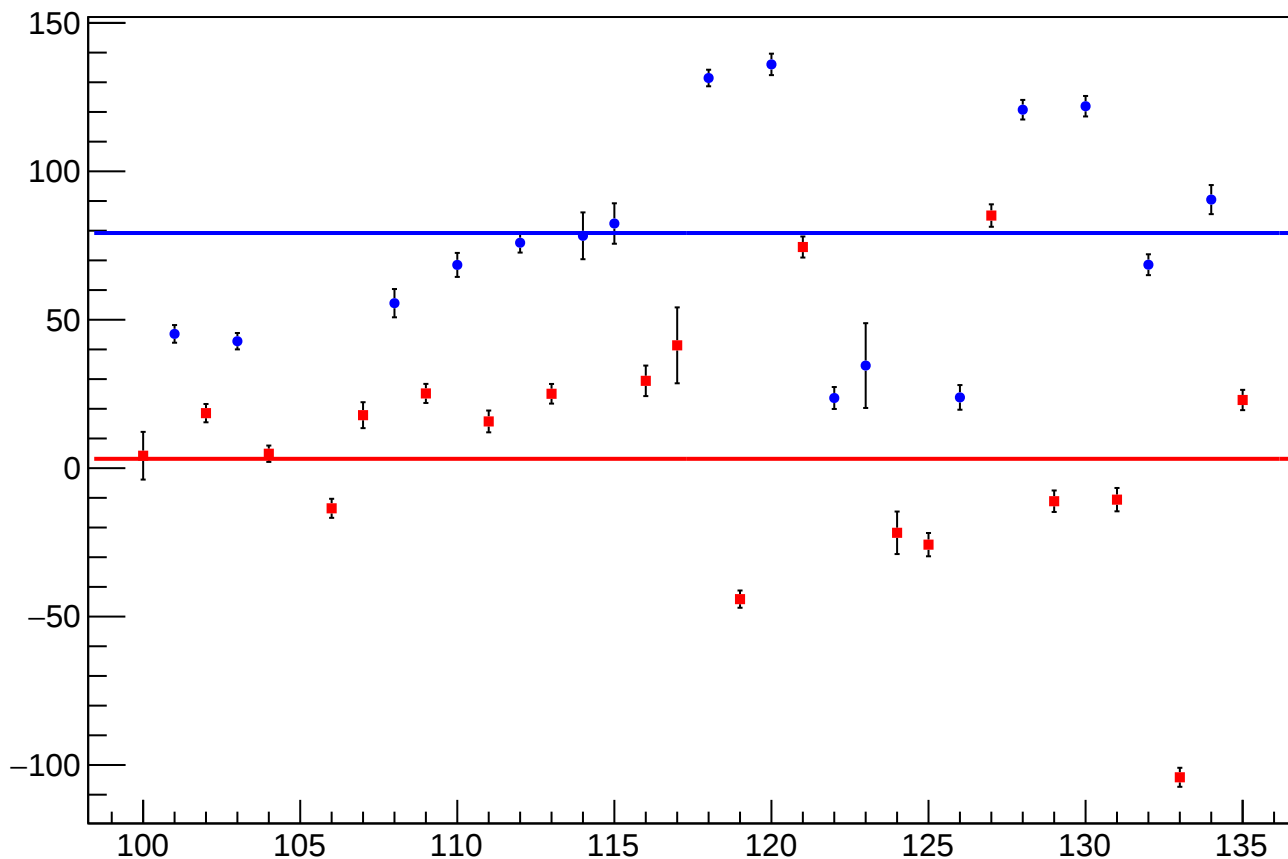
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.686 $\pm$ 0.001 χ^2 /NDF: 9402040.5/15

1.707 $\pm$ 0.001 χ^2 /NDF: 19859798.4/34

1.726 $\pm$ 0.001 χ^2 /NDF: 10457358.2/18

diff_bpm0i01X_mean vs Slug, Sign Corrected



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

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

Right Out: 3.149 $\pm$ 0.850 χ^2 /NDF: 2590.2/18

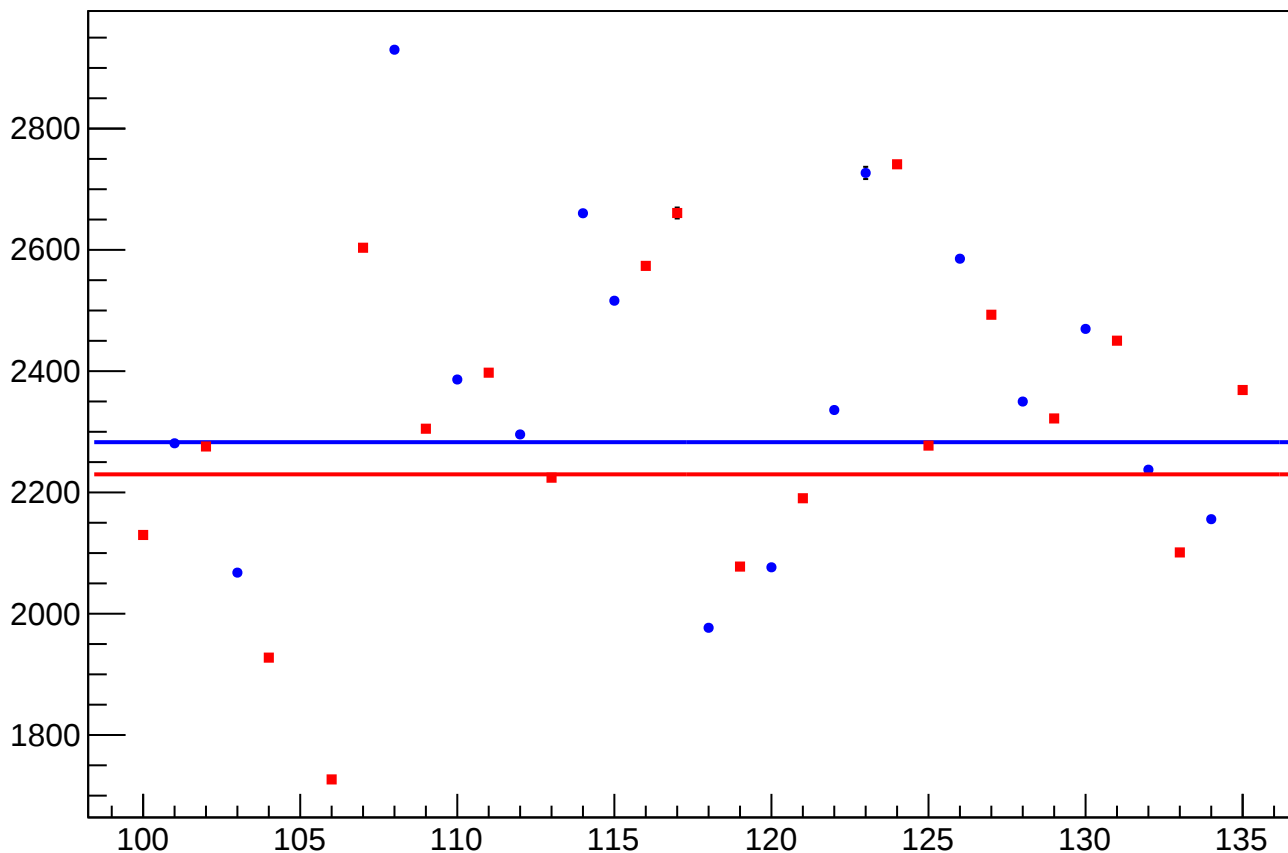
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

37.123 $\pm$ 0.632 χ^2 /NDF: 7842.5/34

3.149 $\pm$ 0.850 χ^2 /NDF: 2590.2/18

diff_bpm0i01X_rms vs Slug, Sign Corrected



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

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

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

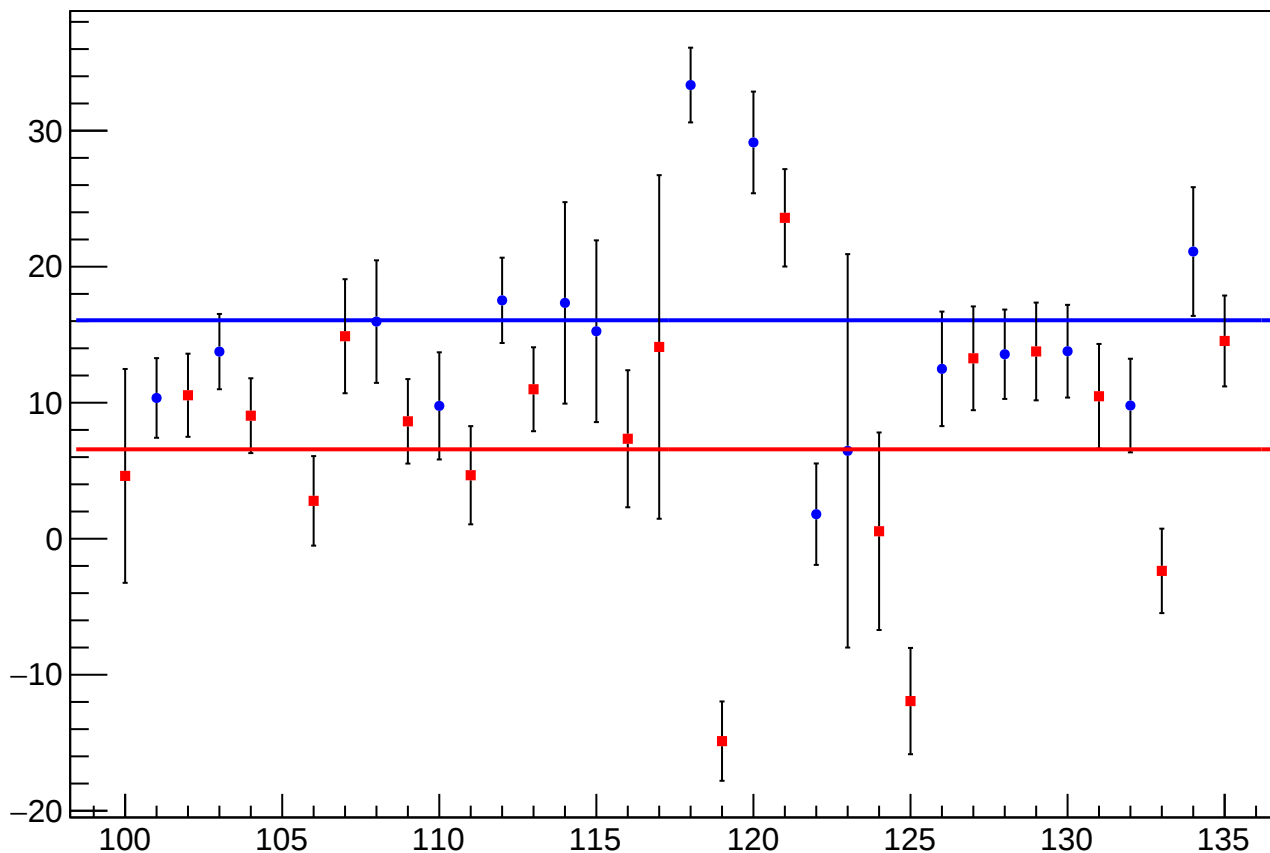
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2253.523 $\pm$ 0.447 χ^2 /NDF: 257753.9/34

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

diff_bpm0i01Y_mean vs Slug, Sign Corrected



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

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

Right Out: 6.573+/-0.838 χ^2/NDF : 132.9/18

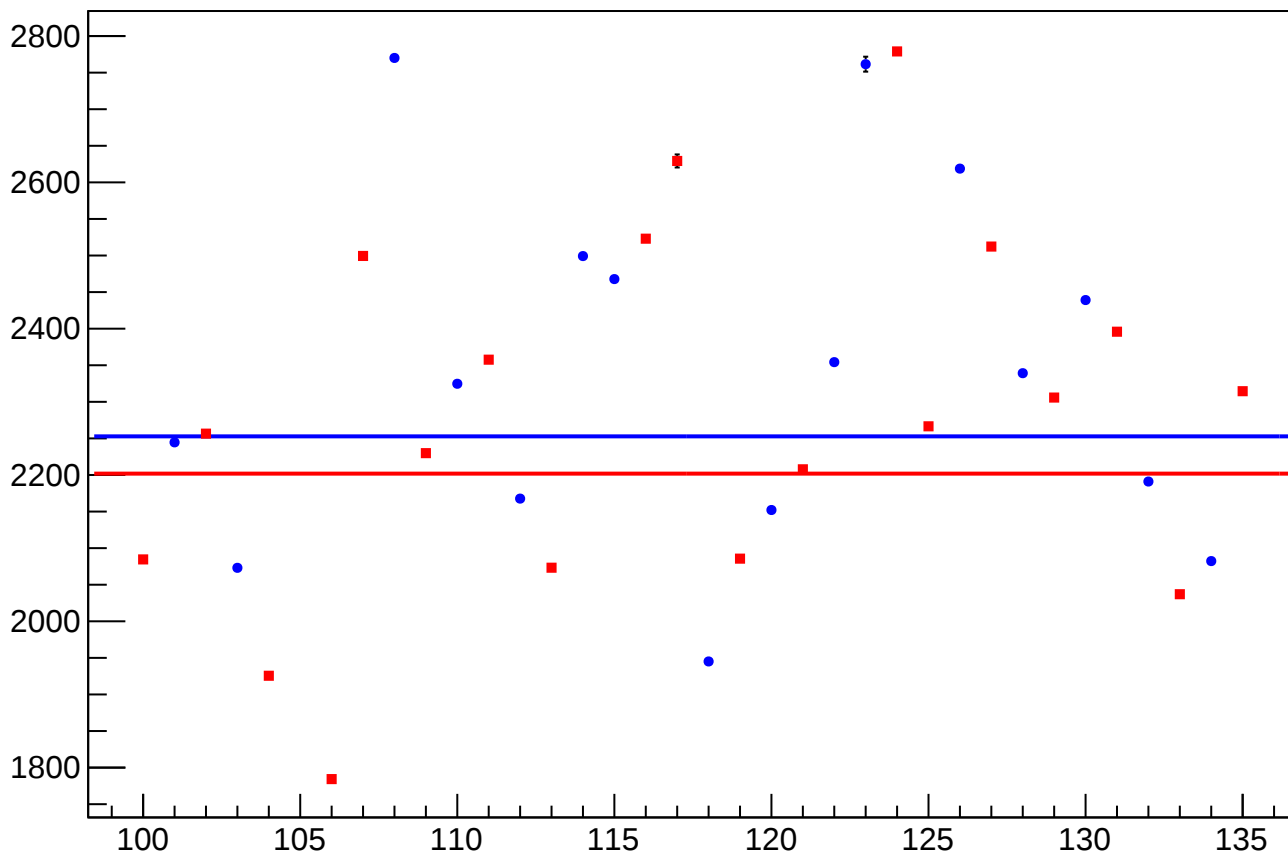
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.061+/-0.933 χ^2/NDF : 80.4/15

10.811+/-0.624 χ^2/NDF : 270.5/34

6.573+/-0.838 χ^2/NDF : 132.9/18

diff_bpm0i01Y_rms vs Slug, Sign Corrected



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

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

Right Out: 2201.856 $\pm$ 0.593 χ^2 /NDF: 125578.4/18

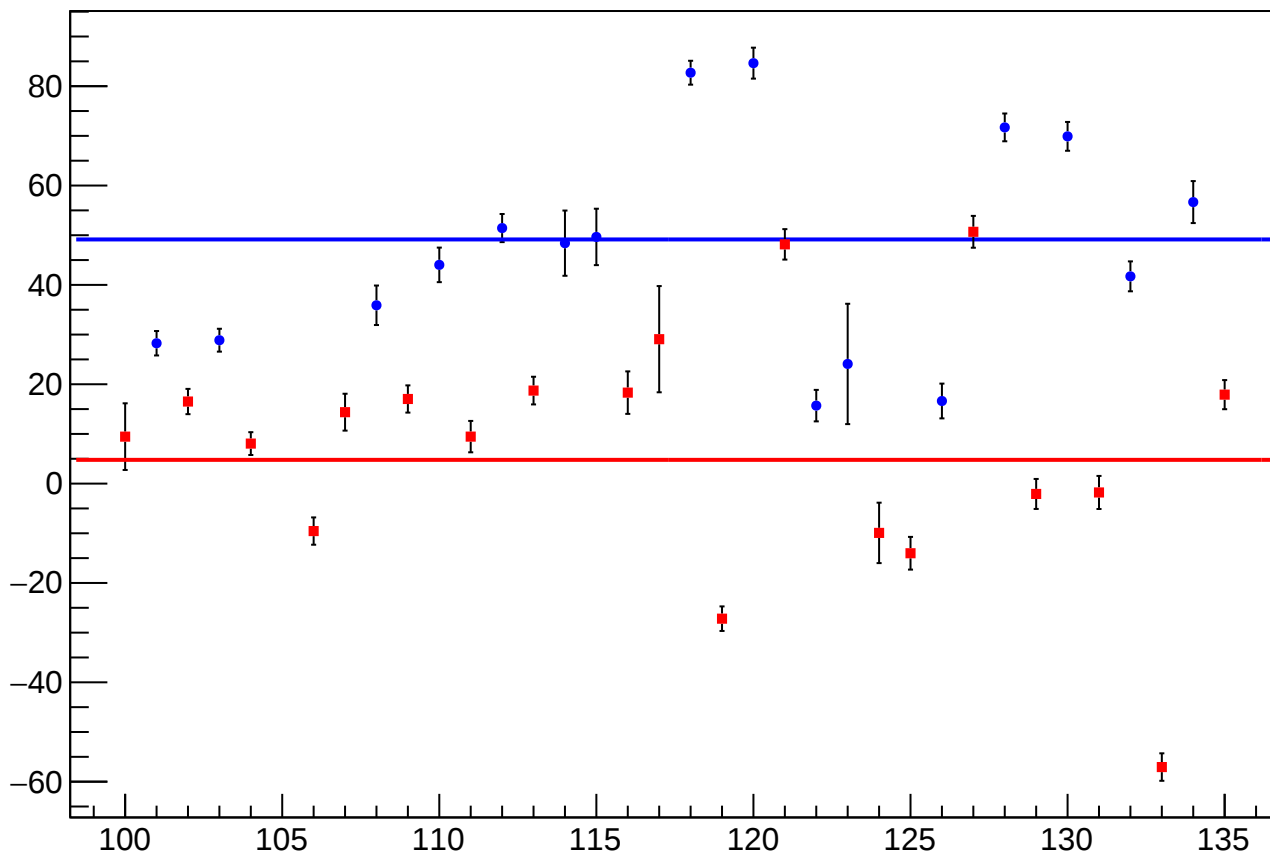
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2224.611 $\pm$ 0.441 χ^2 /NDF: 226331.2/34

2201.856 $\pm$ 0.593 χ^2 /NDF: 125578.4/18

diff_bpm0i01aX_mean vs Slug, Sign Corrected



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

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

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

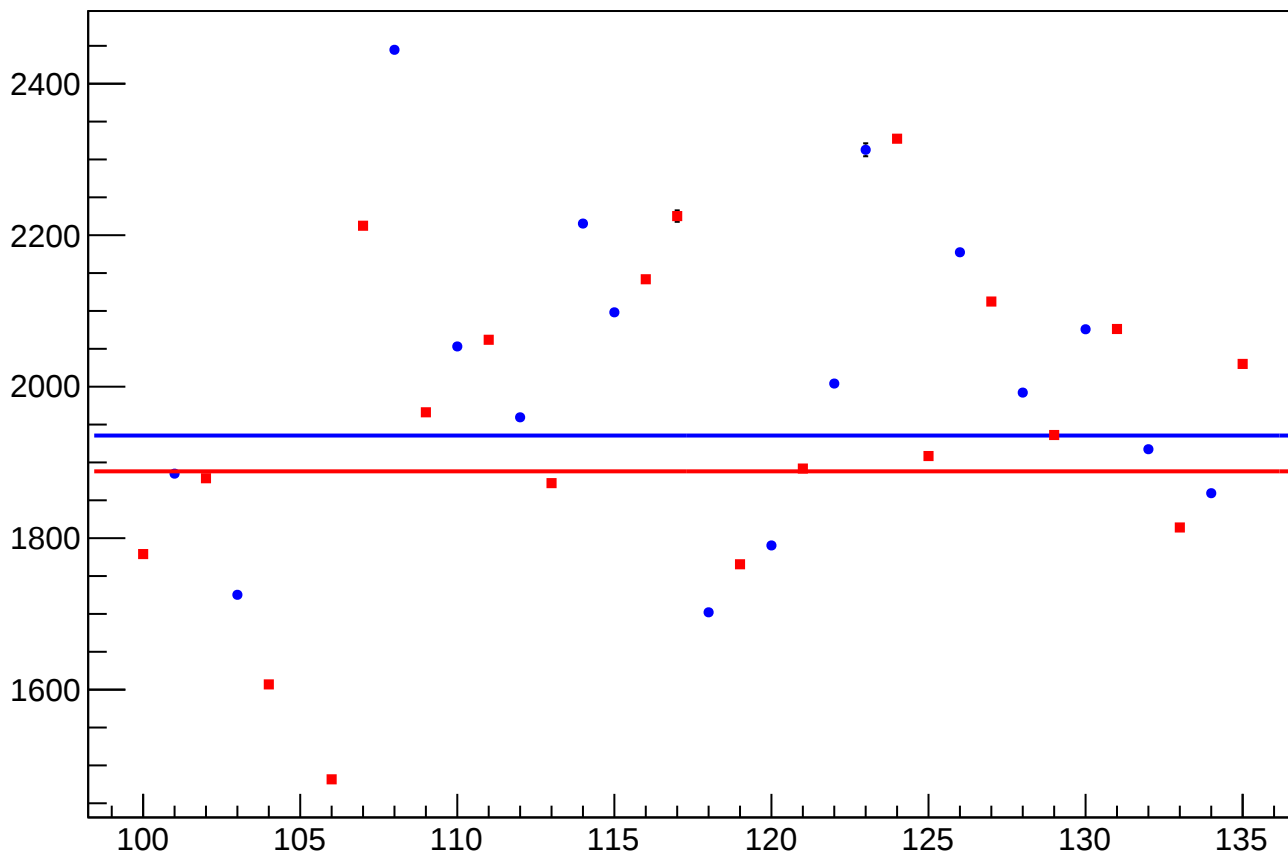
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.150+/-0.802 χ^2/NDF : 815.9/15

24.580+/-0.536 χ^2/NDF : 3772.6/34

4.781+/-0.720 χ^2/NDF : 1260.4/18

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1935.499 $\pm$ 0.567 χ^2 /NDF: 99885.6/15

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

Right Out: 1888.237 $\pm$ 0.509 χ^2 /NDF: 144597.1/18

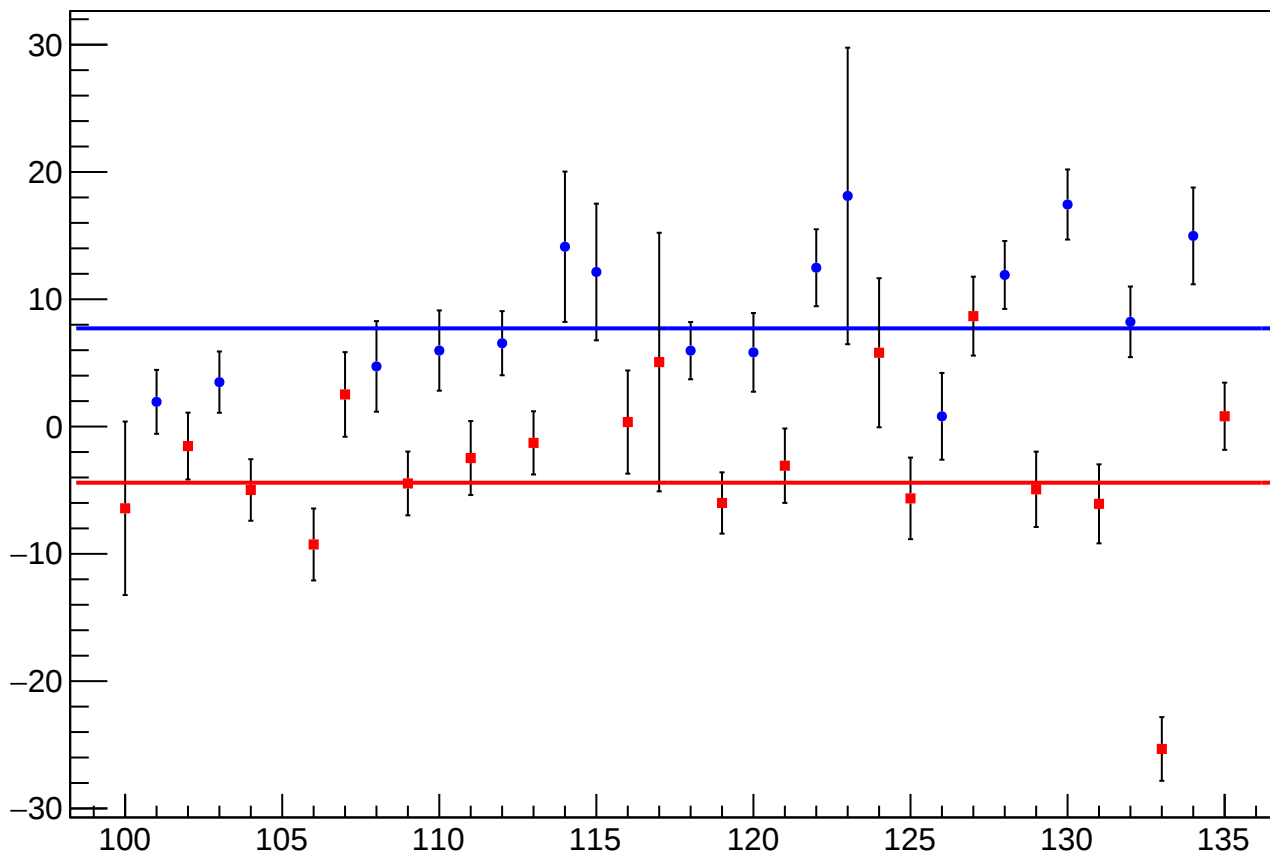
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1935.499 $\pm$ 0.567 χ^2 /NDF: 99885.6/15

1909.328 $\pm$ 0.379 χ^2 /NDF: 248332.3/34

1888.237 $\pm$ 0.509 χ^2 /NDF: 144597.1/18

diff_bpm0i01aY_mean vs Slug, Sign Corrected



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

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

Right Out: -4.409+/-0.689 χ^2/NDF : 108.7/18

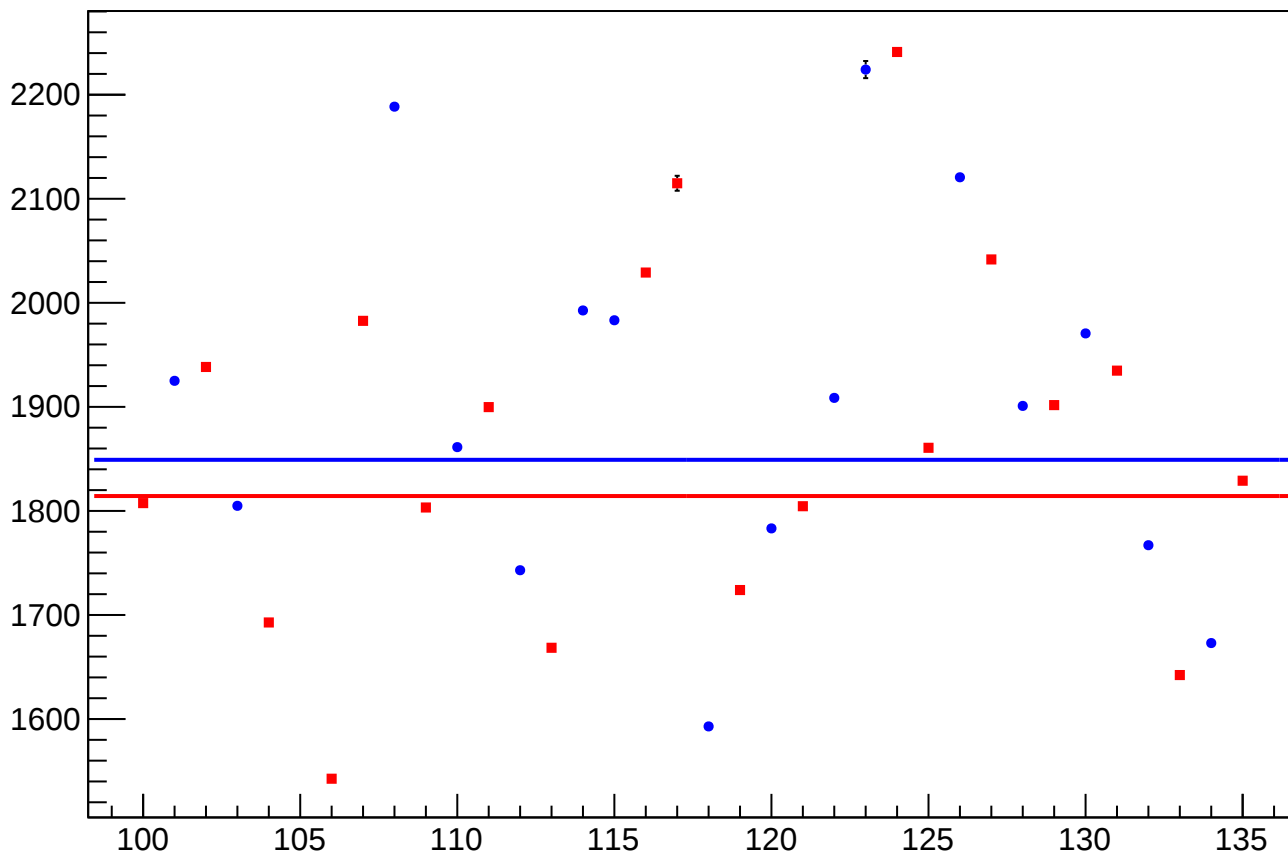
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.714+/-0.765 χ^2/NDF : 38.5/15

1.022+/-0.512 χ^2/NDF : 285.8/34

-4.409+/-0.689 χ^2/NDF : 108.7/18

diff_bpm0i01aY_rms vs Slug, Sign Corrected



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

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

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

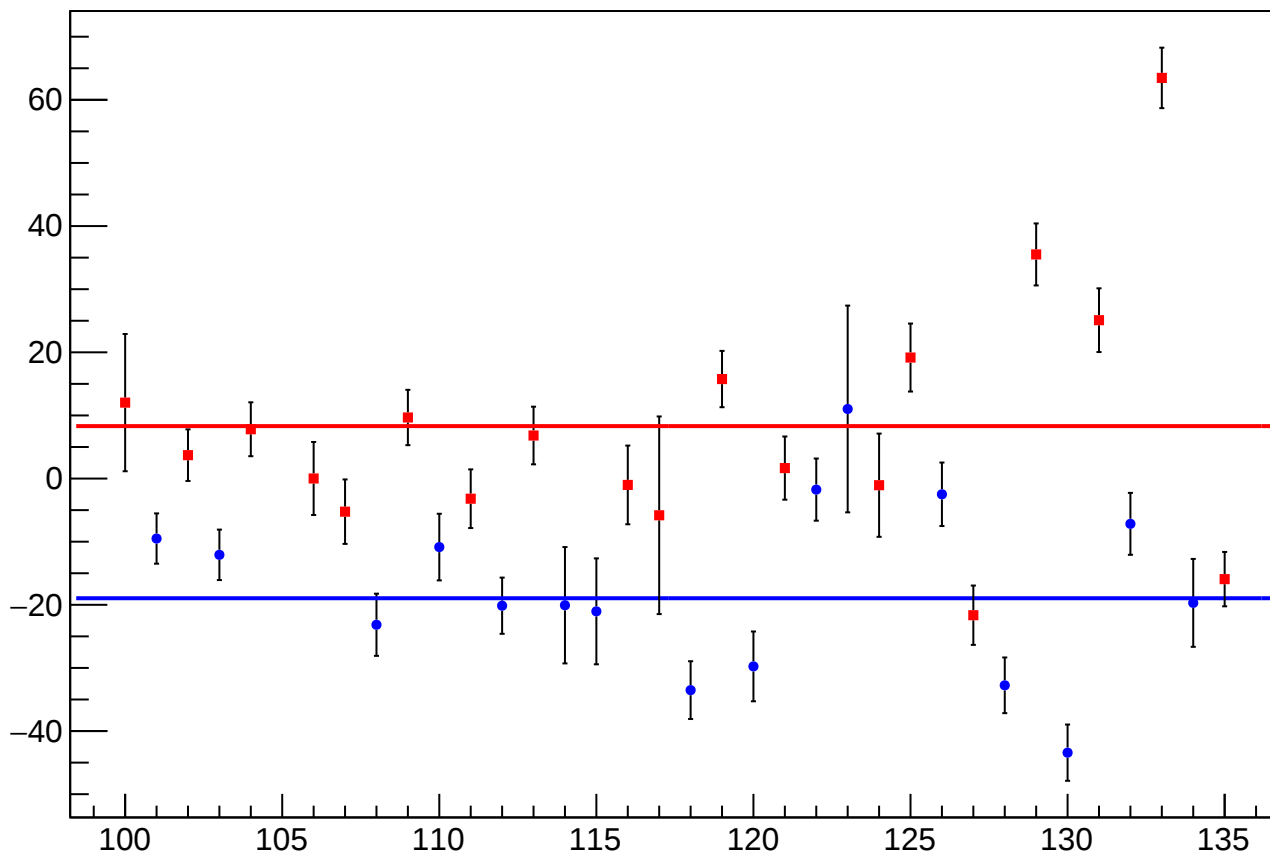
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1849.124+/-0.541 χ^2/NDF : 79842.0/15

1829.906+/-0.362 χ^2/NDF : 170229.9/34

1814.312+/-0.487 χ^2/NDF : 88101.7/18

diff_bpm0l01X_mean vs Slug, Sign Corrected



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

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

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

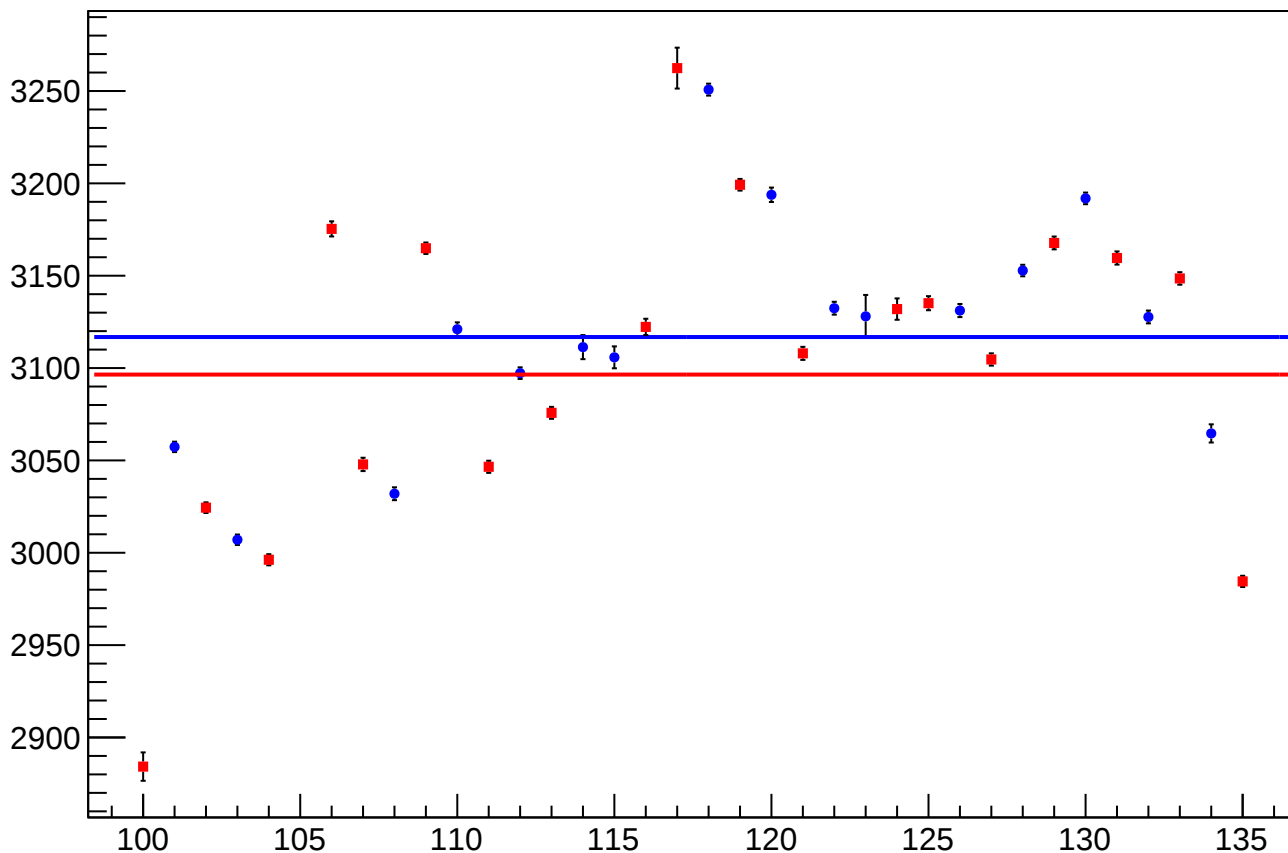
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.959+/-1.282 χ^2/NDF : 97.7/15

-4.075+/-0.864 χ^2/NDF : 621.0/34

8.310+/-1.170 χ^2/NDF : 276.5/18

diff_bpm0l01X_rms vs Slug, Sign Corrected



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

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

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

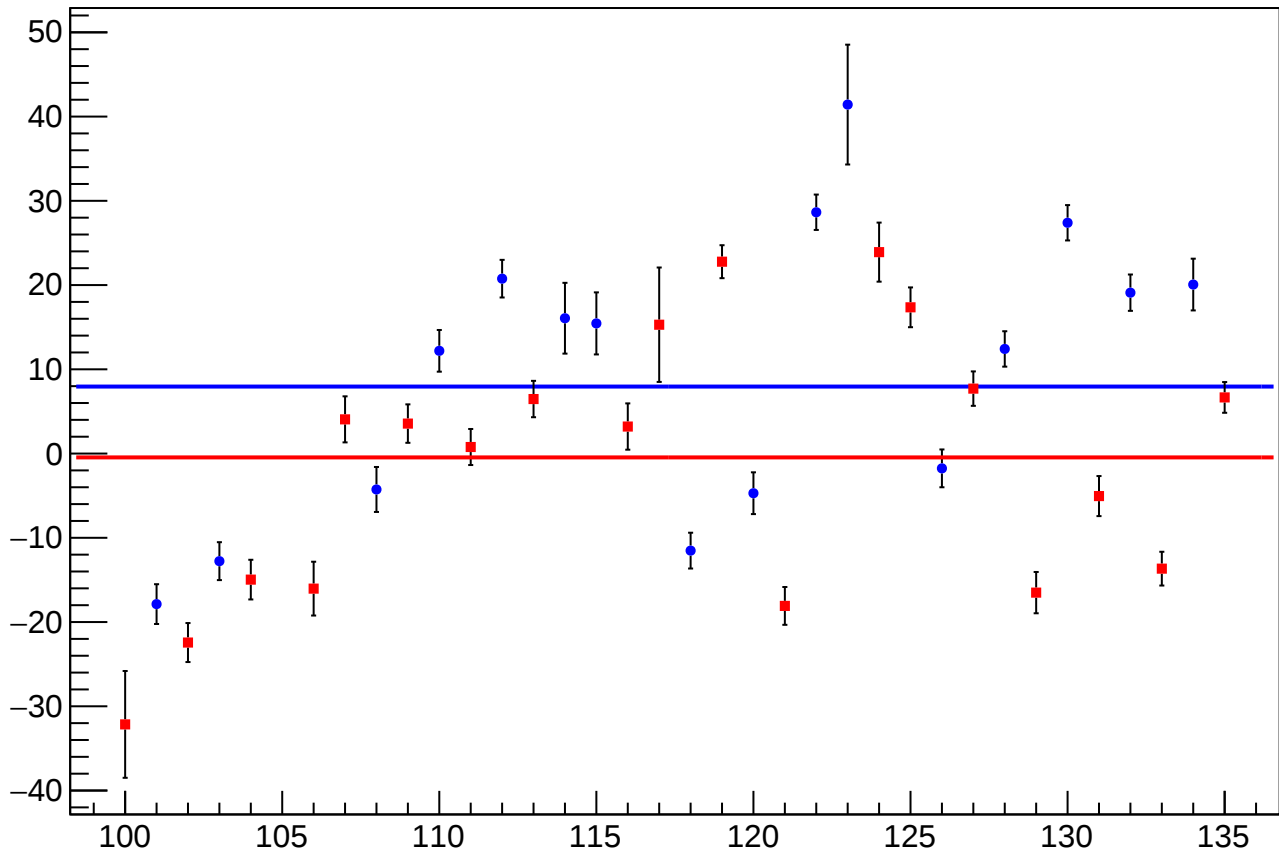
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

3105.705 $\pm$ 0.611 χ^2 /NDF: 13427.1/34

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

diff_bpm0l01Y_mean vs Slug, Sign Corrected



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

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

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

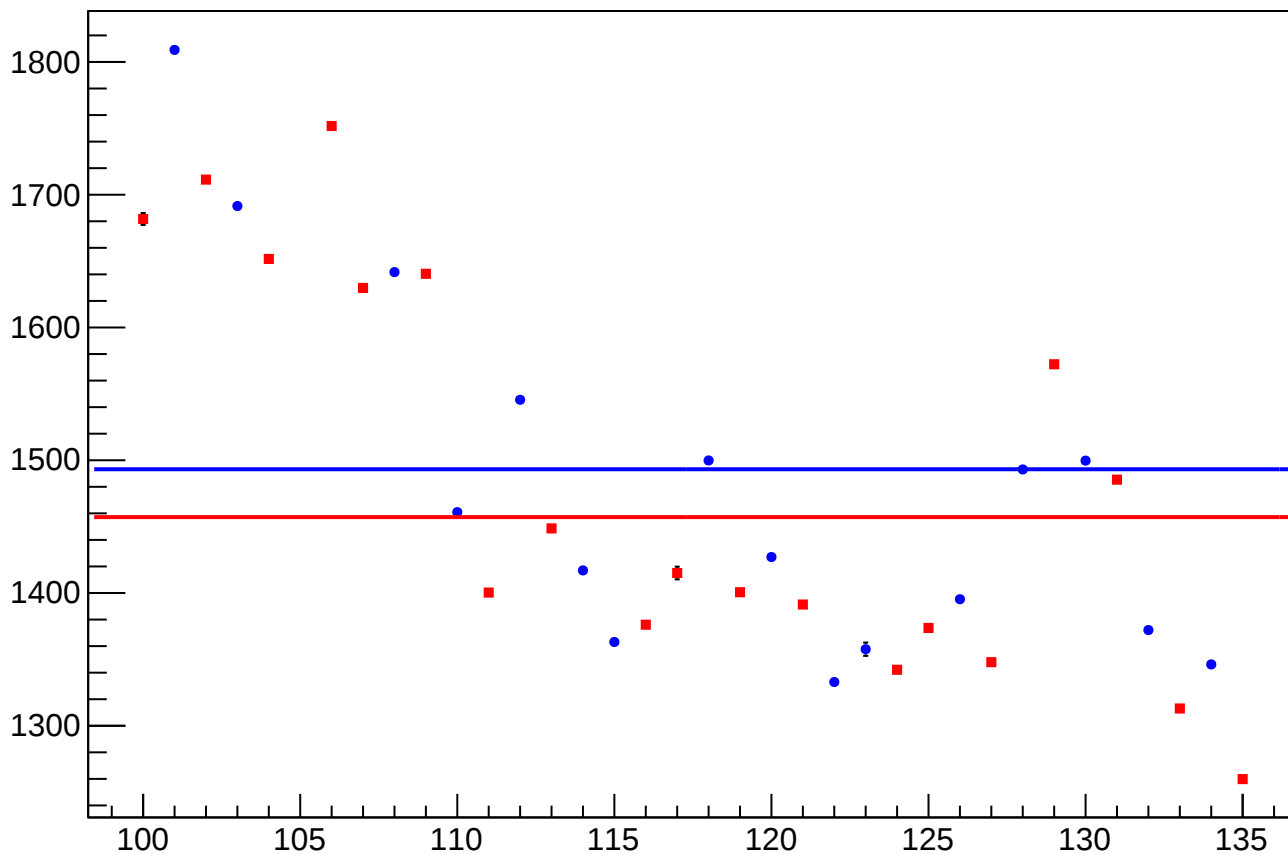
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.952+/-0.618 χ^2/NDF : 649.7/15

3.289+/-0.413 χ^2/NDF : 1381.9/34

-0.457+/-0.554 χ^2/NDF : 629.6/18

diff_bpm0l01Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1457.170+/-0.392 χ^2/NDF : 133654.8/18

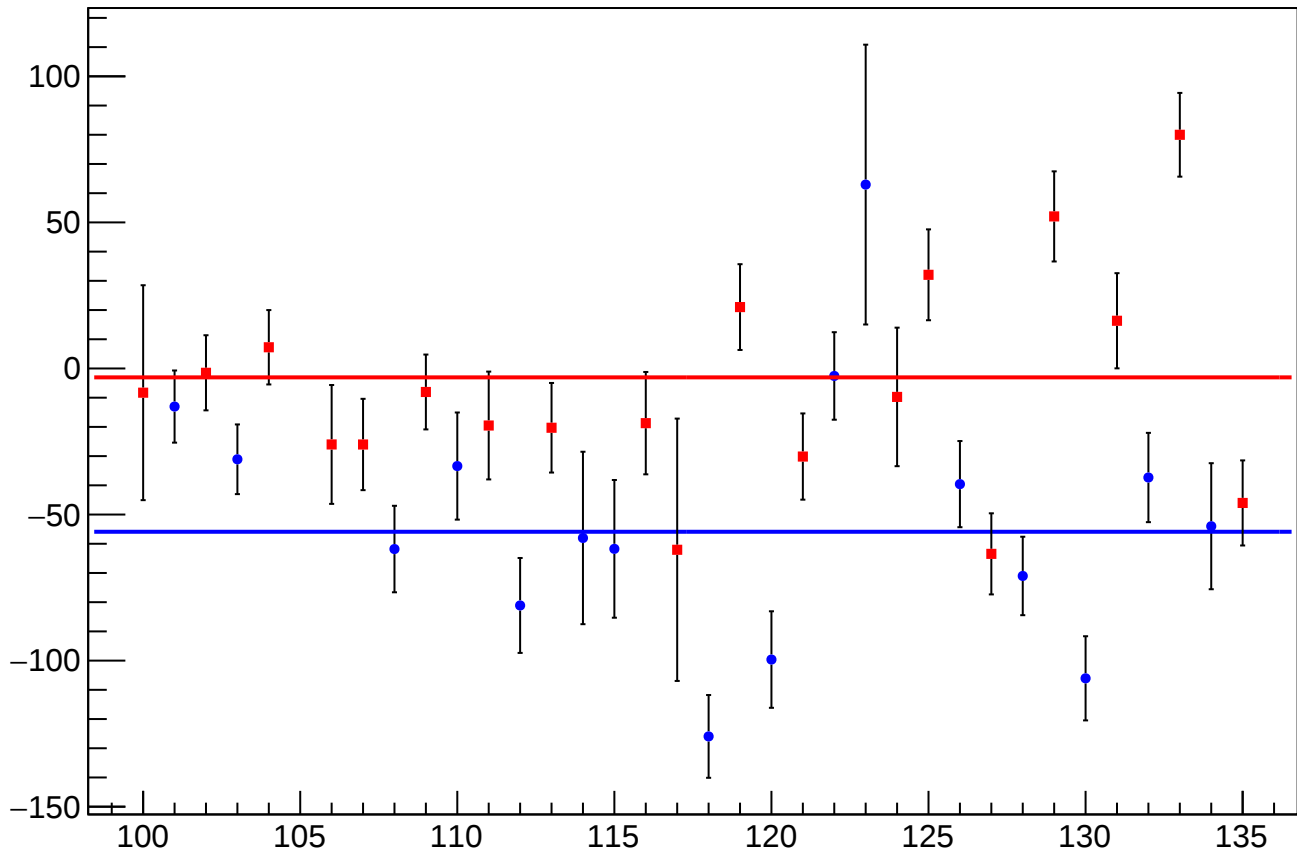
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1493.222+/-0.437 χ^2/NDF : 90617.4/15

1473.228+/-0.292 χ^2/NDF : 228042.2/34

1457.170+/-0.392 χ^2/NDF : 133654.8/18

diff_bpm0l02X_mean vs Slug, Sign Corrected



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

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

Right Out: -3.045+/-3.666 χ^2/NDF : 95.5/18

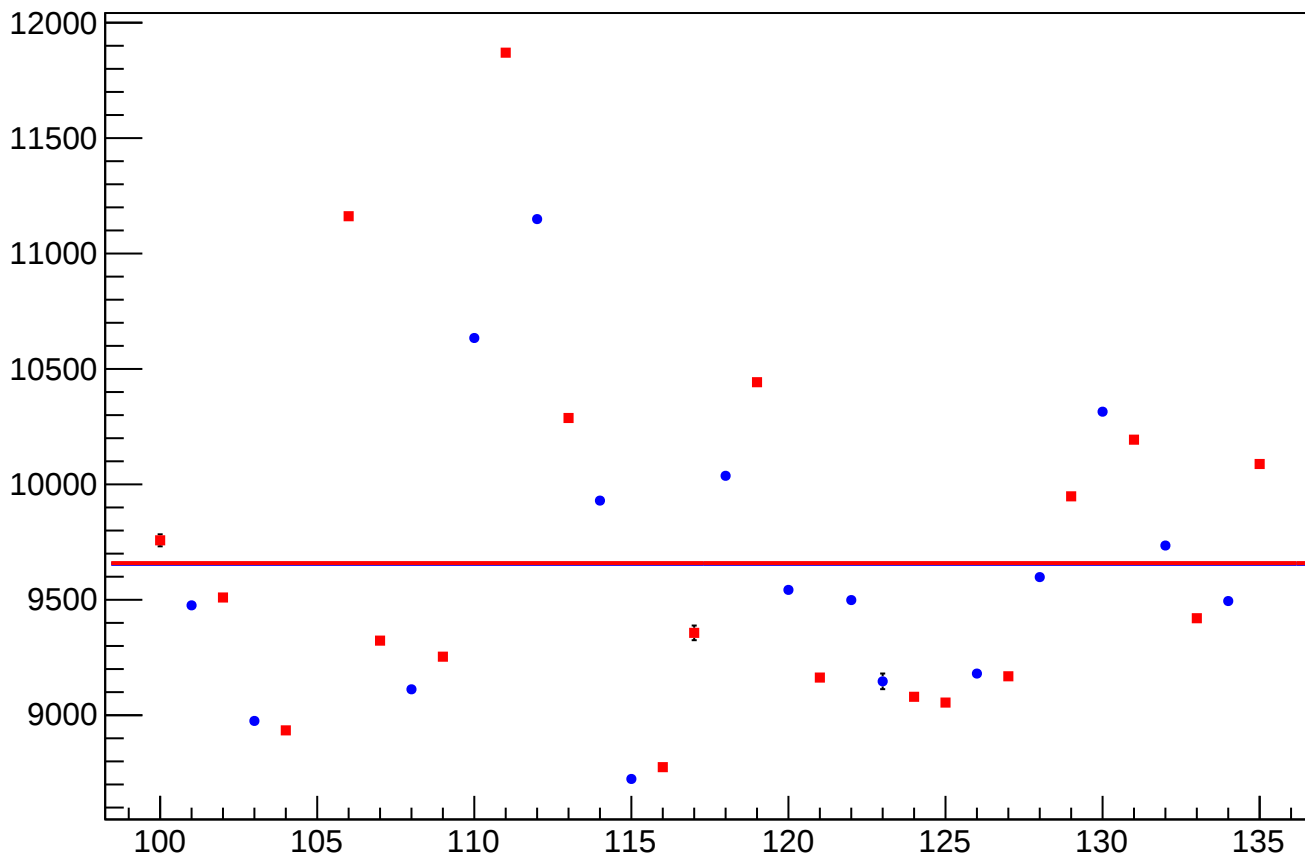
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-55.894+/-3.991 χ^2/NDF : 86.9/15

-27.234+/-2.700 χ^2/NDF : 277.5/34

-3.045+/-3.666 χ^2/NDF : 95.5/18

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9655.690 $\pm$ 2.822 χ^2 /NDF: 43976.4/15

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

Right Out: 9659.005 $\pm$ 2.592 χ^2 /NDF: 77665.3/18

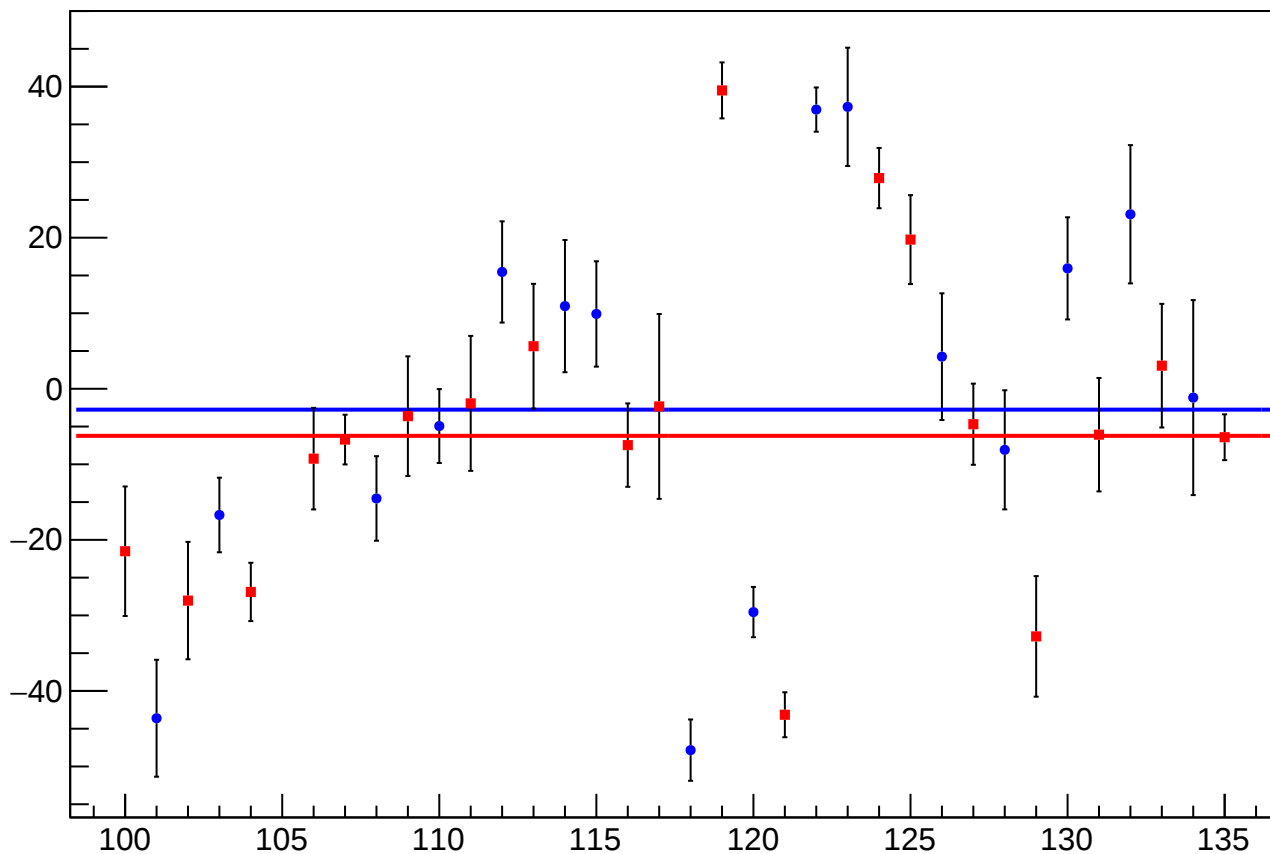
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9655.690 $\pm$ 2.822 χ^2 /NDF: 43976.4/15

9657.488 $\pm$ 1.909 χ^2 /NDF: 121642.4/34

9659.005 $\pm$ 2.592 χ^2 /NDF: 77665.3/18

diff_bpm0l02Y_mean vs Slug, Sign Corrected



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

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

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

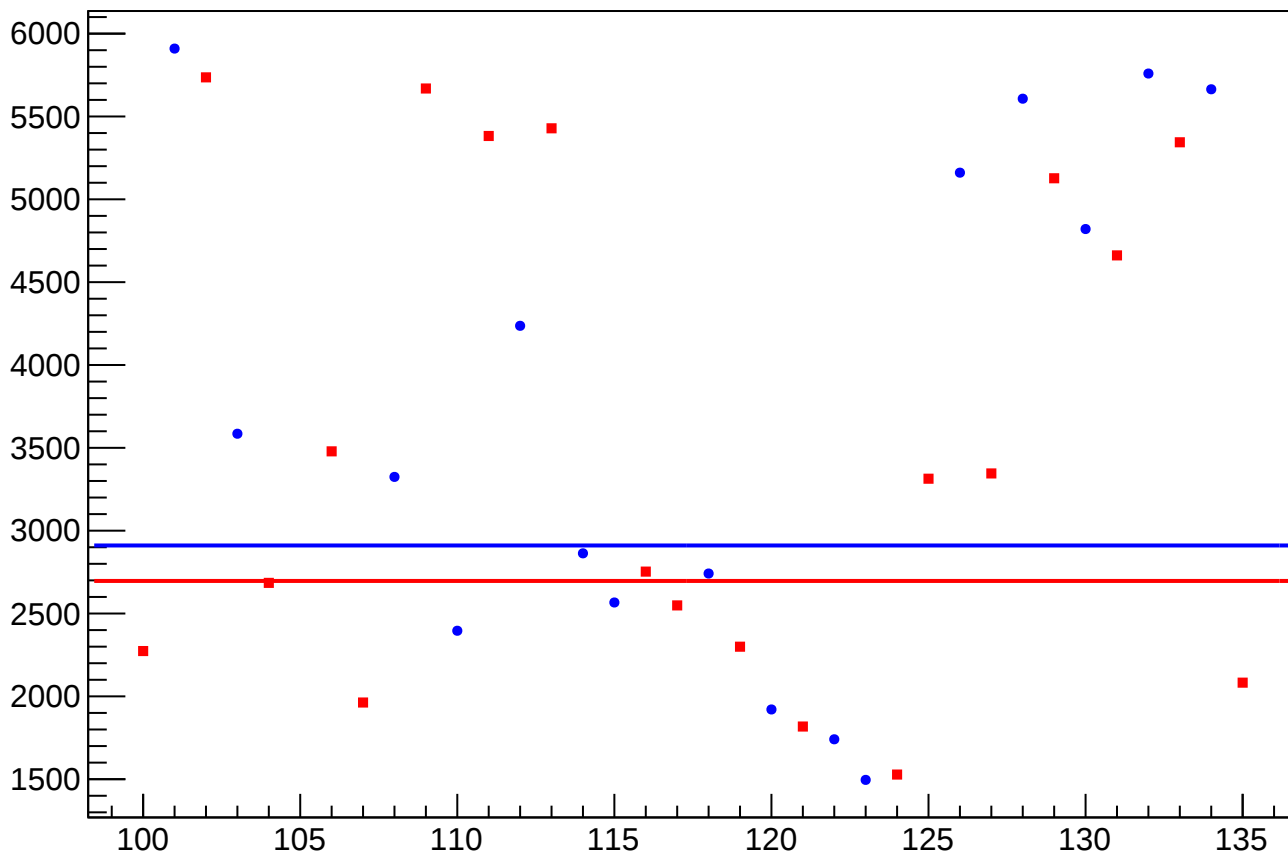
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.763+/-1.359 χ^2/NDF : 468.6/15

-4.792+/-0.875 χ^2/NDF : 926.2/34

-6.230+/-1.144 χ^2/NDF : 453.8/18

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

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

Right Out: 2696.583 $\pm$ 0.809 χ^2 /NDF: 2153055.8/18

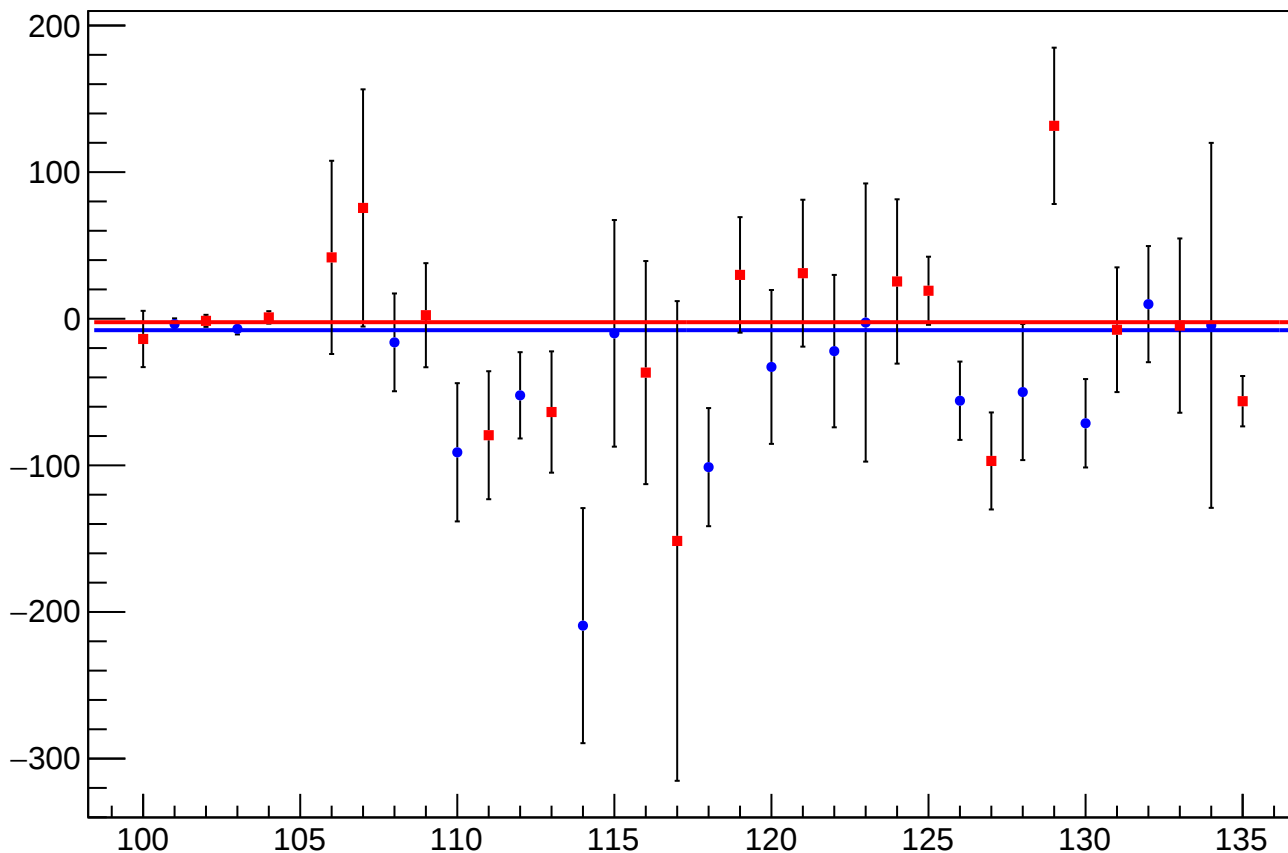
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2785.390 $\pm$ 0.619 χ^2 /NDF: 4022743.1/34

2696.583 $\pm$ 0.809 χ^2 /NDF: 2153055.8/18

diff_bpm0l03X_mean vs Slug, Sign Corrected



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

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

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

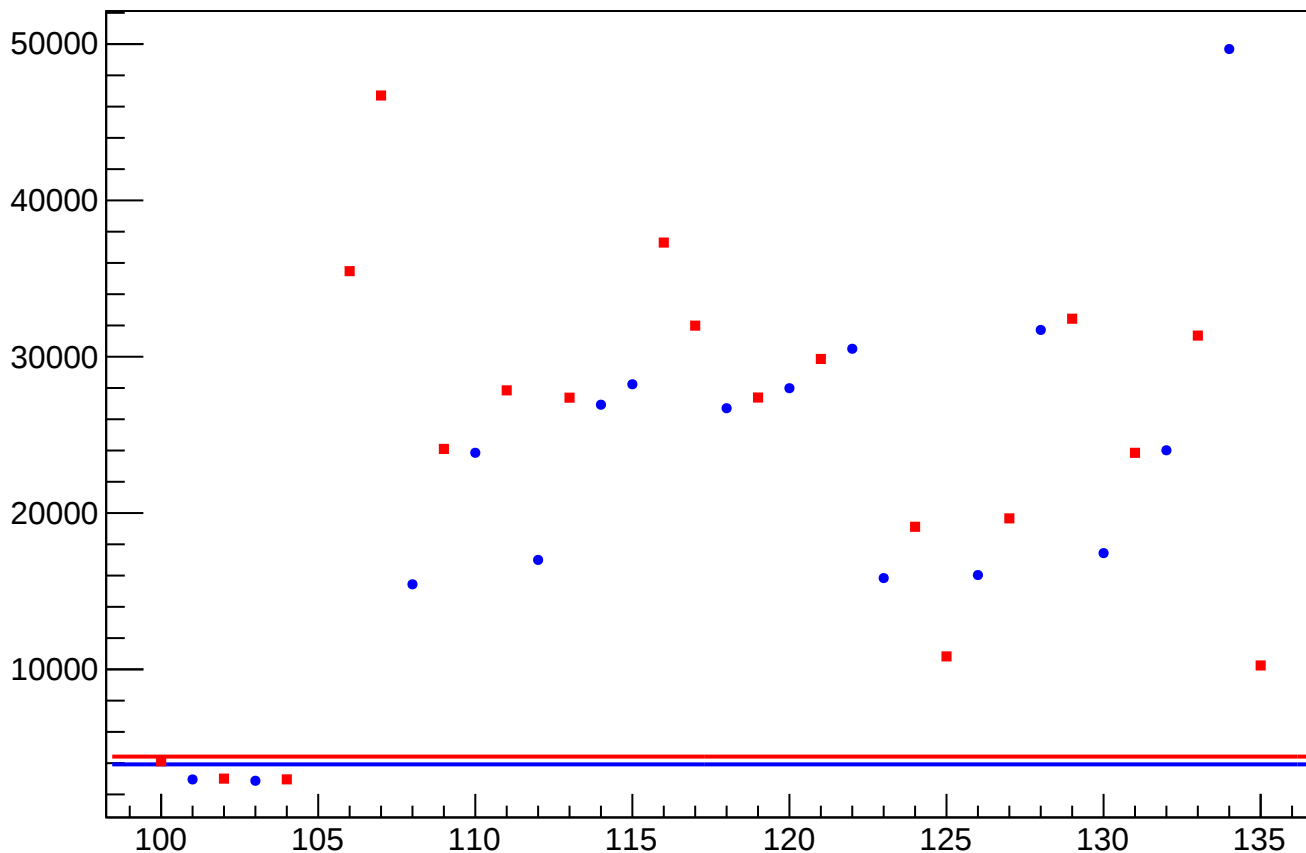
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.801+/-2.639 χ^2 /NDF: 27.4/15

-5.225+/-1.916 χ^2 /NDF: 64.7/34

-2.349+/-2.788 χ^2 /NDF: 35.3/18

diff_bpm0l03X_rms vs Slug, Sign Corrected



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

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

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

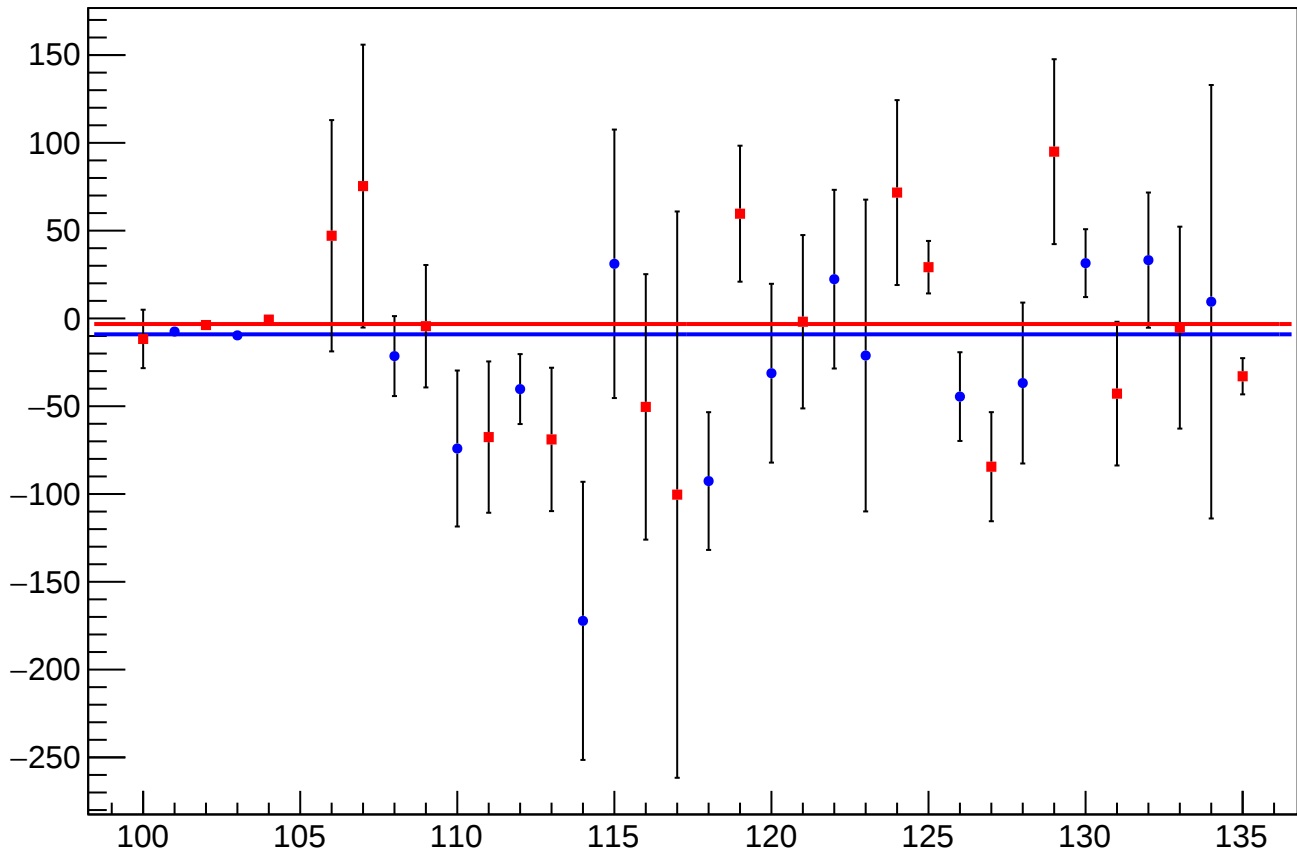
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

4157.284+/-1.355 χ^2/NDF : 12812754.7/3

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

diff_bpm0l03Y_mean vs Slug, Sign Corrected



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

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

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

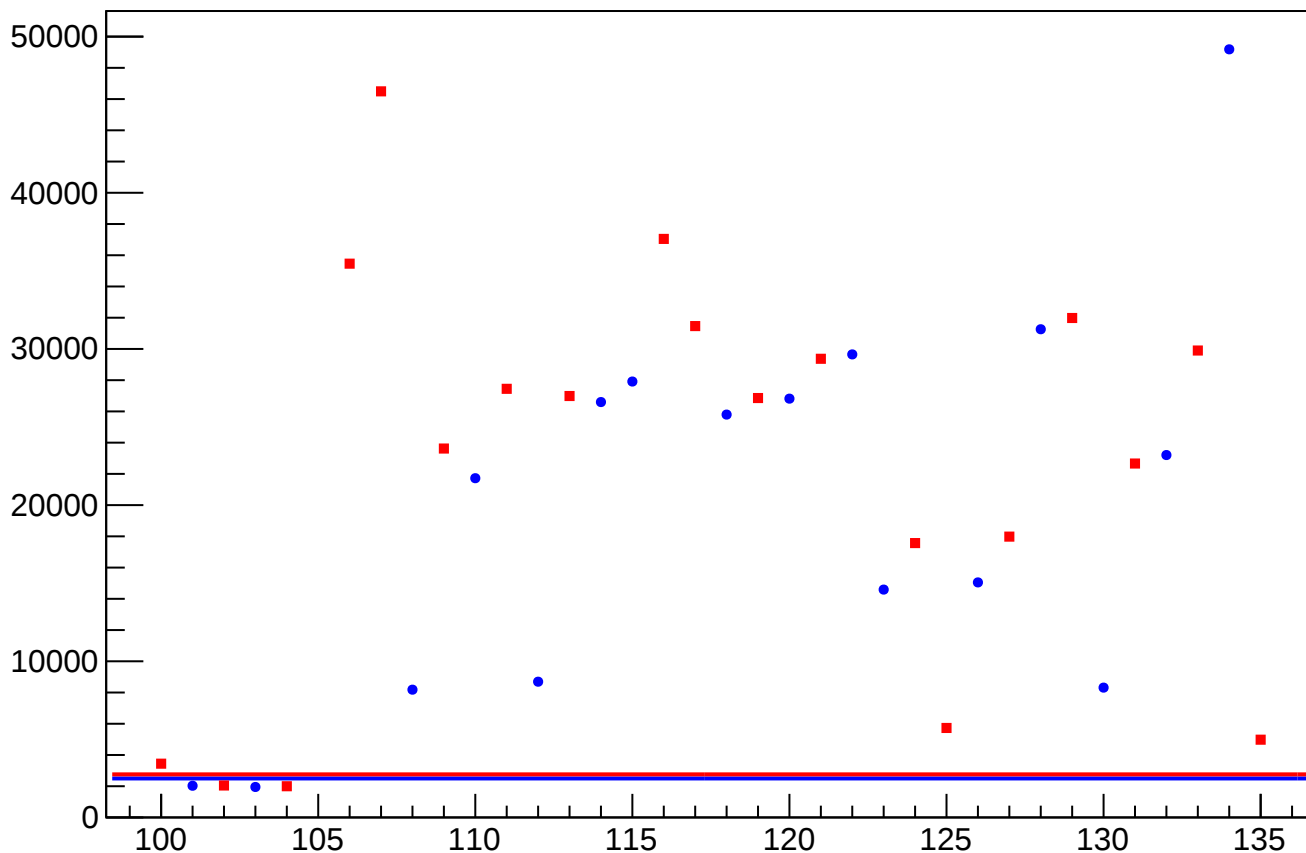
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-9.053+/-1.818 χ^2 /NDF: 22.9/15

-6.285+/-1.321 χ^2 /NDF: 64.9/34

-3.191+/-1.923 χ^2 /NDF: 37.1/18

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2497.077 $\pm$ 1.286 χ^2/NDF : 5345151.0/15

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

Right Out: 2759.580 $\pm$ 1.360 χ^2/NDF : 7605652.6/18

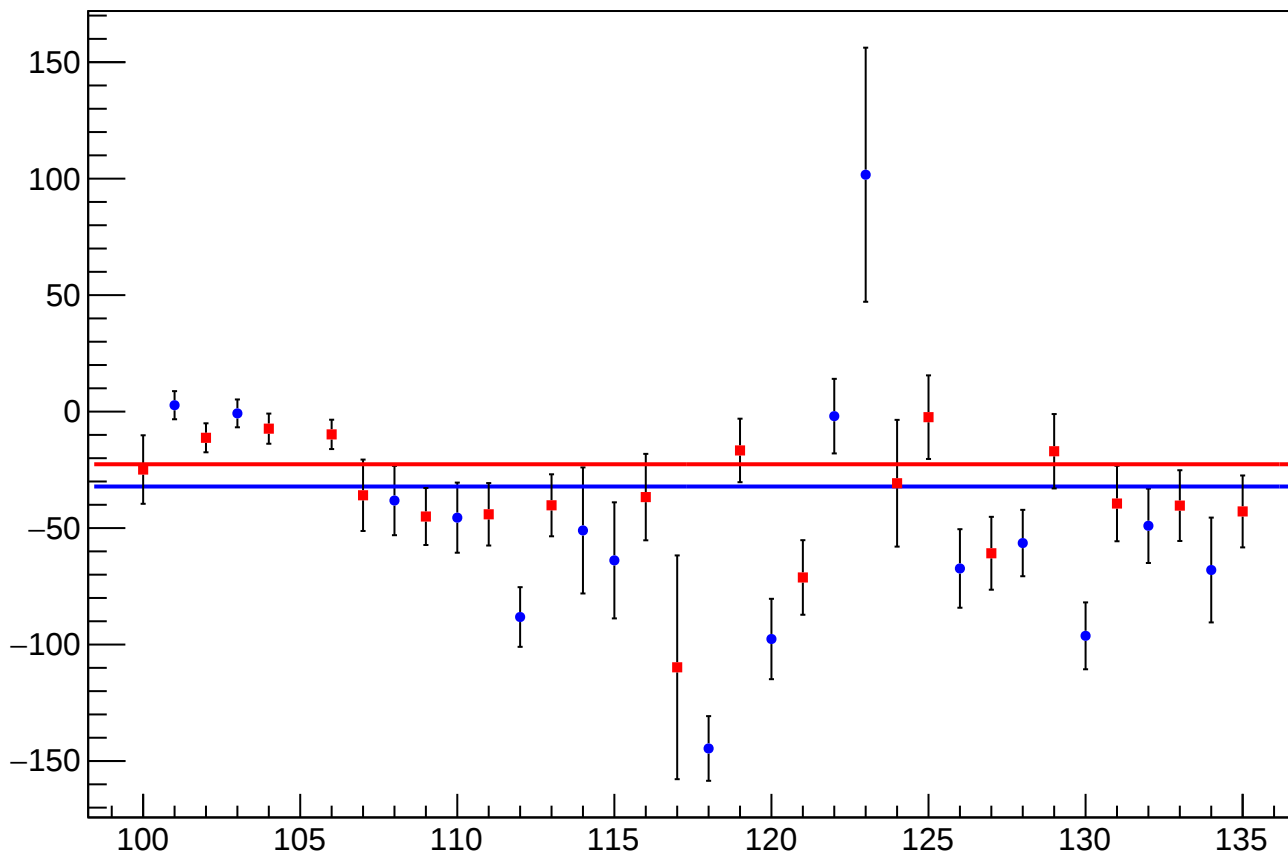
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2497.077 $\pm$ 1.286 χ^2/NDF : 5345151.0/15

2621.017 $\pm$ 0.934 χ^2/NDF : 12970482.5/3

2759.580 $\pm$ 1.360 χ^2/NDF : 7605652.6/18

diff_bpm0l04X_mean vs Slug, Sign Corrected



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

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

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

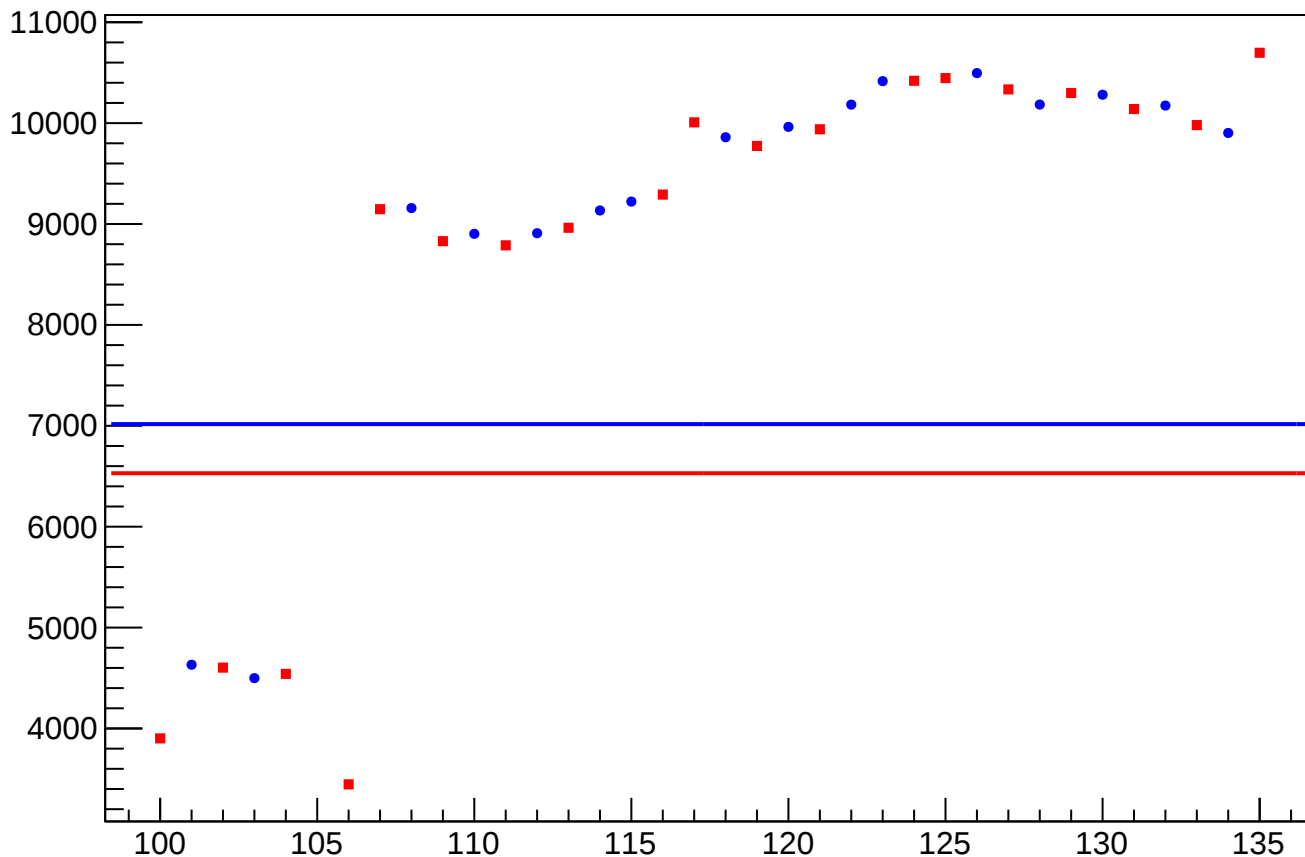
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.156+/-3.080 χ^2/NDF : 203.7/15

-26.721+/-2.022 χ^2/NDF : 255.5/34

-22.603+/-2.681 χ^2/NDF : 46.4/18

diff_bpm0l04X_rms vs Slug, Sign Corrected



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

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

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

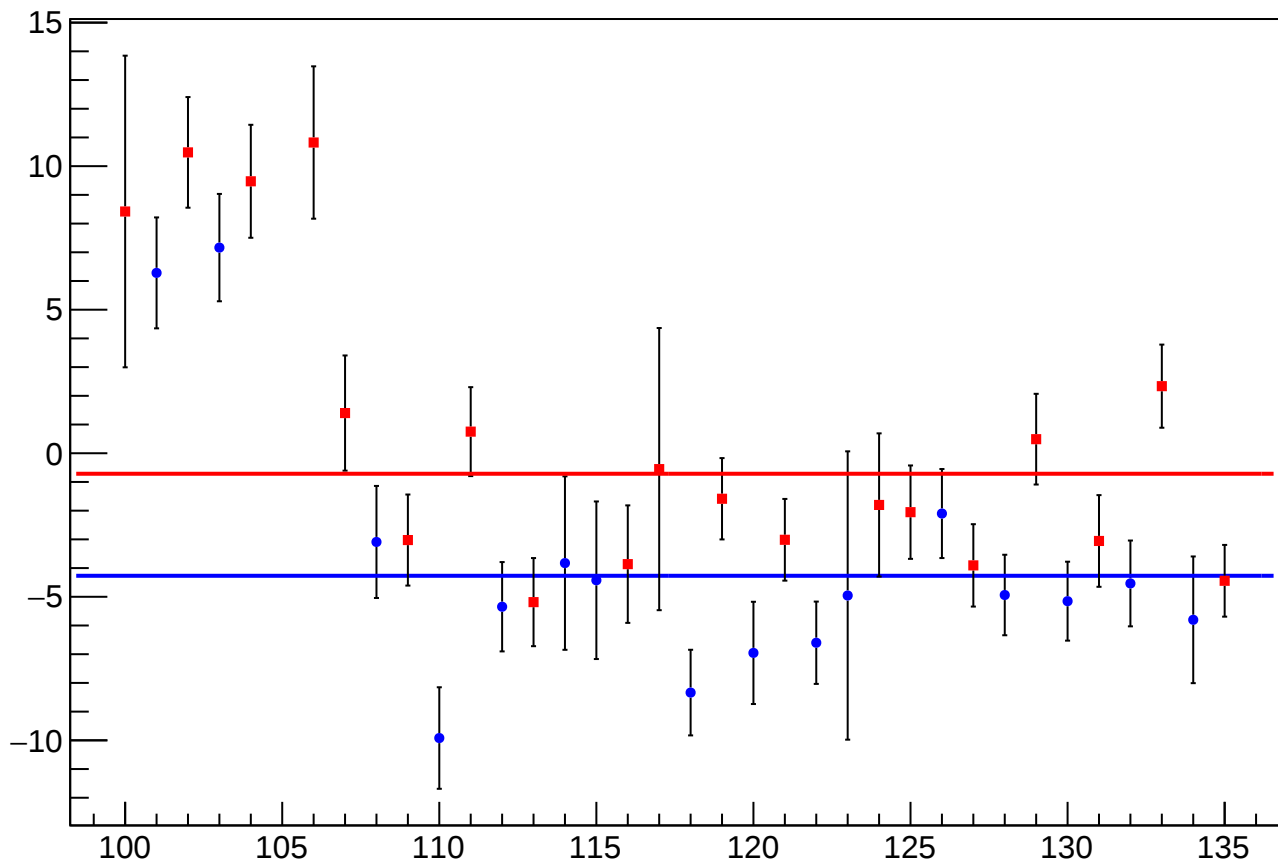
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

6739.674 $\pm$ 1.430 χ^2 /NDF: 3616463.0/34

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

diff_bpm0l04Y_mean vs Slug, Sign Corrected



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

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

Right Out: -0.714 ± 0.395 χ^2/NDF : 122.2/18

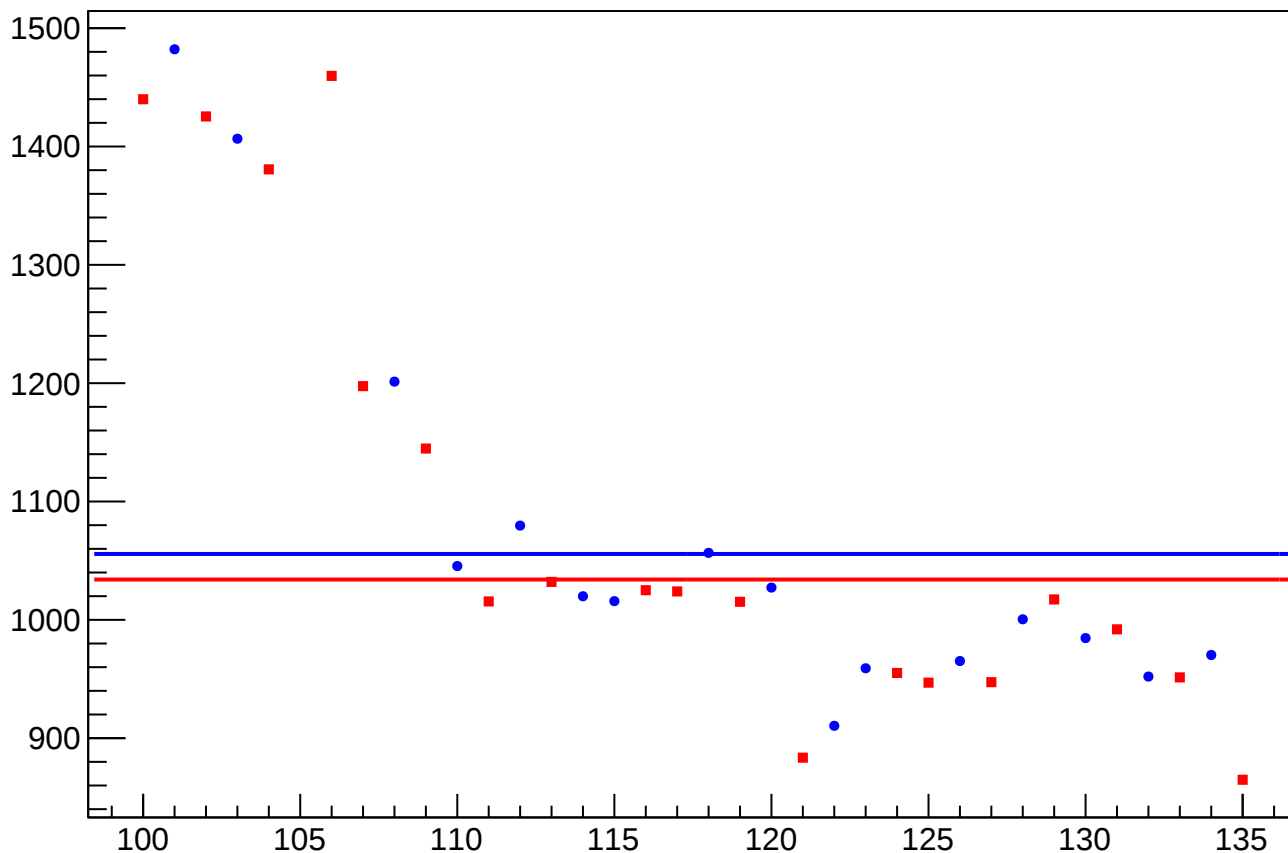
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.268 ± 0.439 χ^2/NDF : 93.8/15

-2.306 ± 0.294 χ^2/NDF : 252.1/34

-0.714 ± 0.395 χ^2/NDF : 122.2/18

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1055.679 $\pm$ 0.310 χ^2 /NDF: 229888.4/15

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

Right Out: 1034.078 $\pm$ 0.280 χ^2 /NDF: 313149.1/18

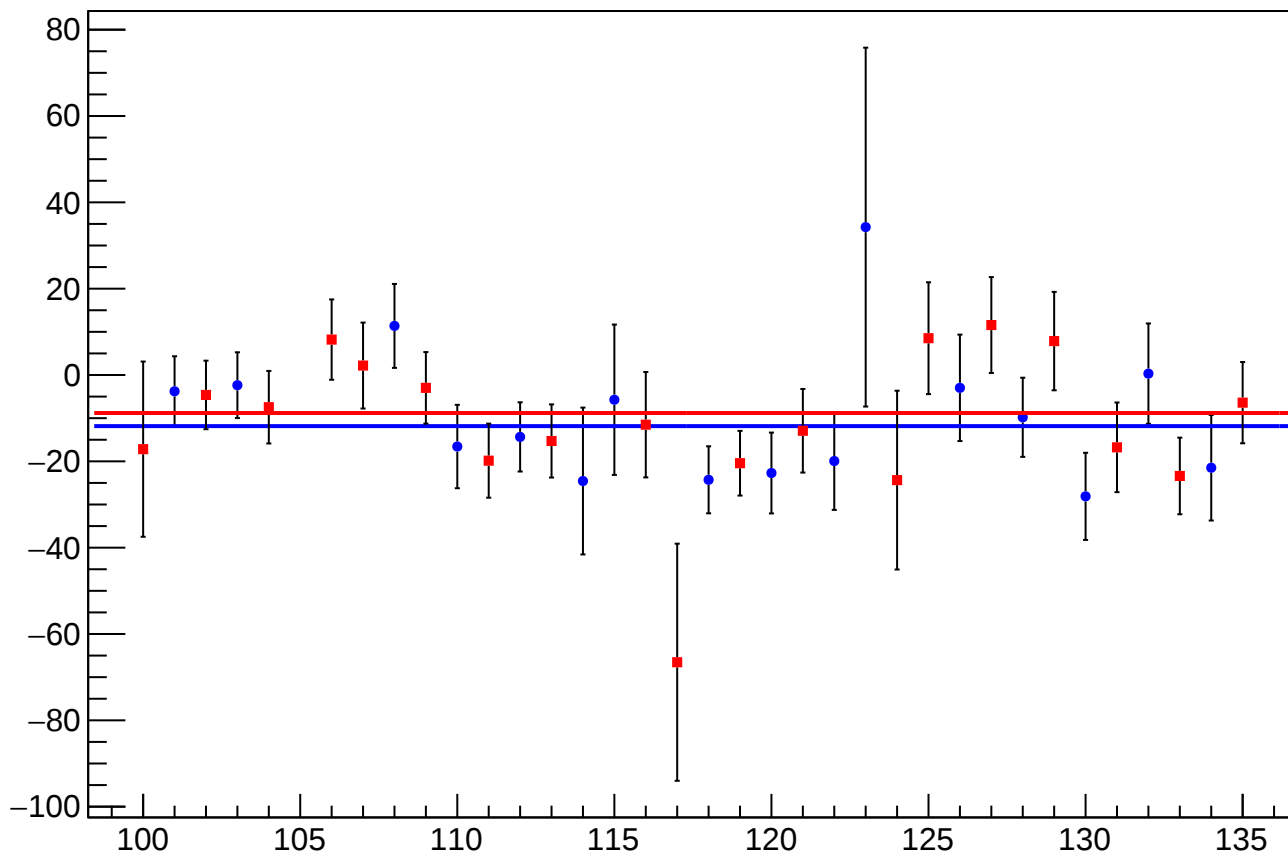
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1055.679 $\pm$ 0.310 χ^2 /NDF: 229888.4/15

1043.752 $\pm$ 0.208 χ^2 /NDF: 545711.4/34

1034.078 $\pm$ 0.280 χ^2 /NDF: 313149.1/18

diff_bpm0l05X_mean vs Slug, Sign Corrected



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

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

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

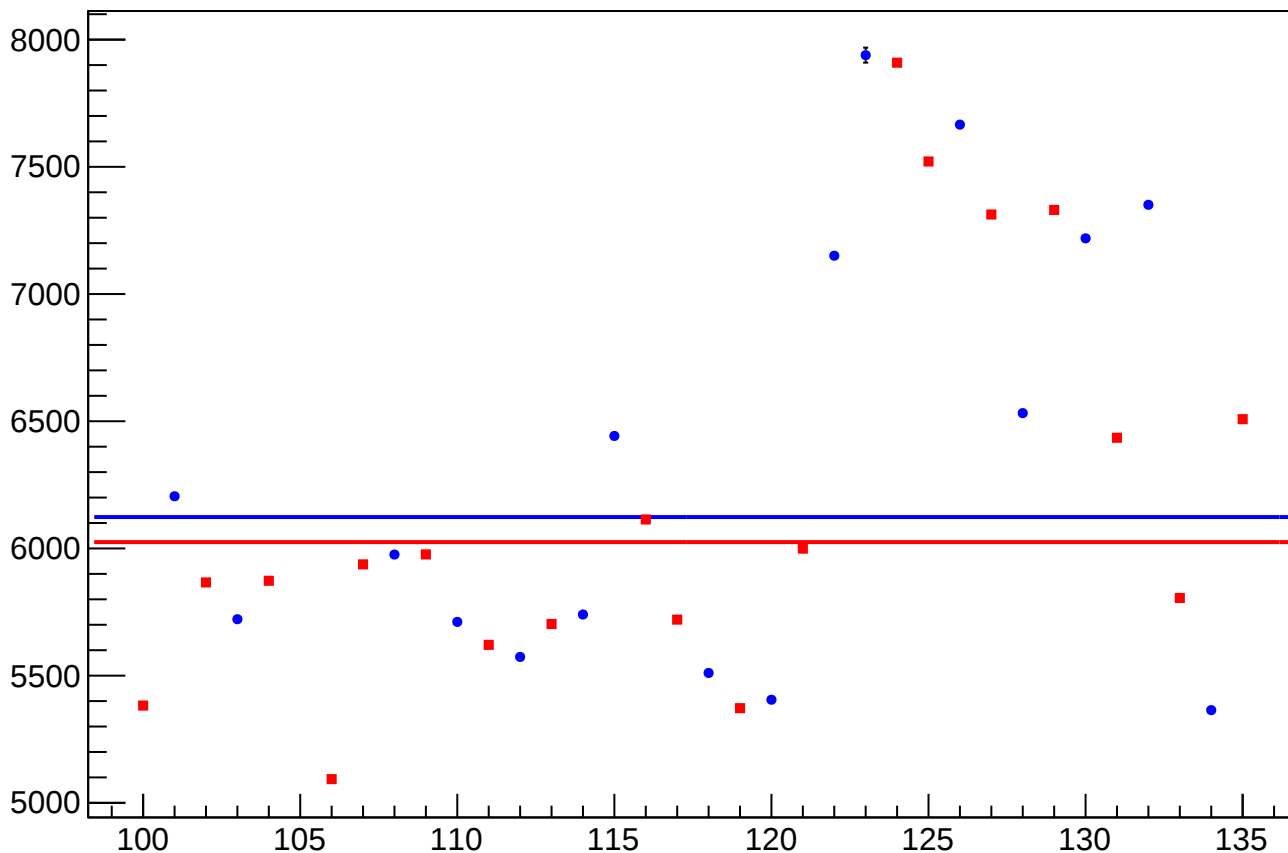
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.842+/-2.542 χ^2/NDF : 19.8/15

-10.168+/-1.703 χ^2/NDF : 46.6/34

-8.804+/-2.294 χ^2/NDF : 26.0/18

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6123.427 $\pm$ 1.797 χ^2 /NDF: 154268.2/15

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

Right Out: 6024.958 $\pm$ 1.622 χ^2 /NDF: 152554.7/18

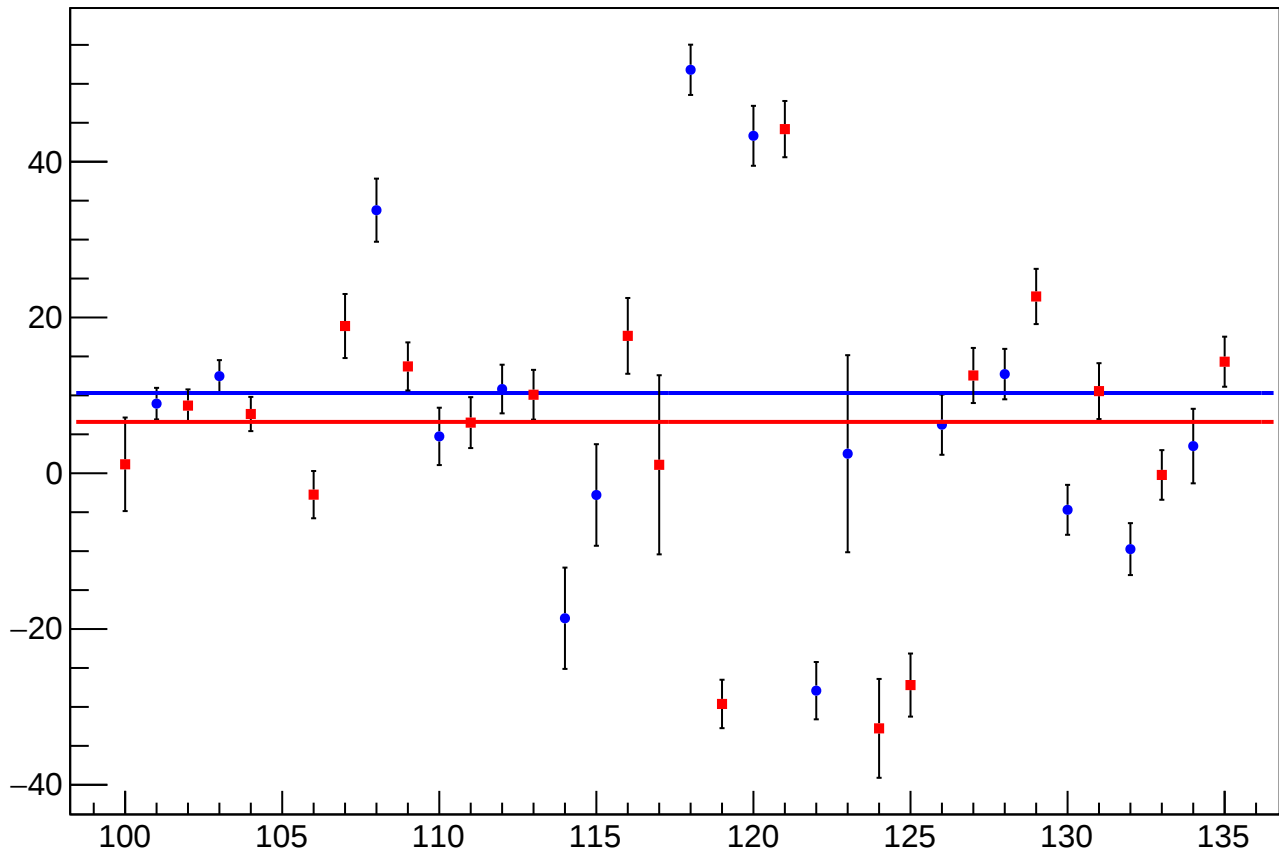
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6123.427 $\pm$ 1.797 χ^2 /NDF: 154268.2/15

6069.159 $\pm$ 1.204 χ^2 /NDF: 308476.9/34

6024.958 $\pm$ 1.622 χ^2 /NDF: 152554.7/18

diff_bpm0l05Y_mean vs Slug, Sign Corrected



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

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

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

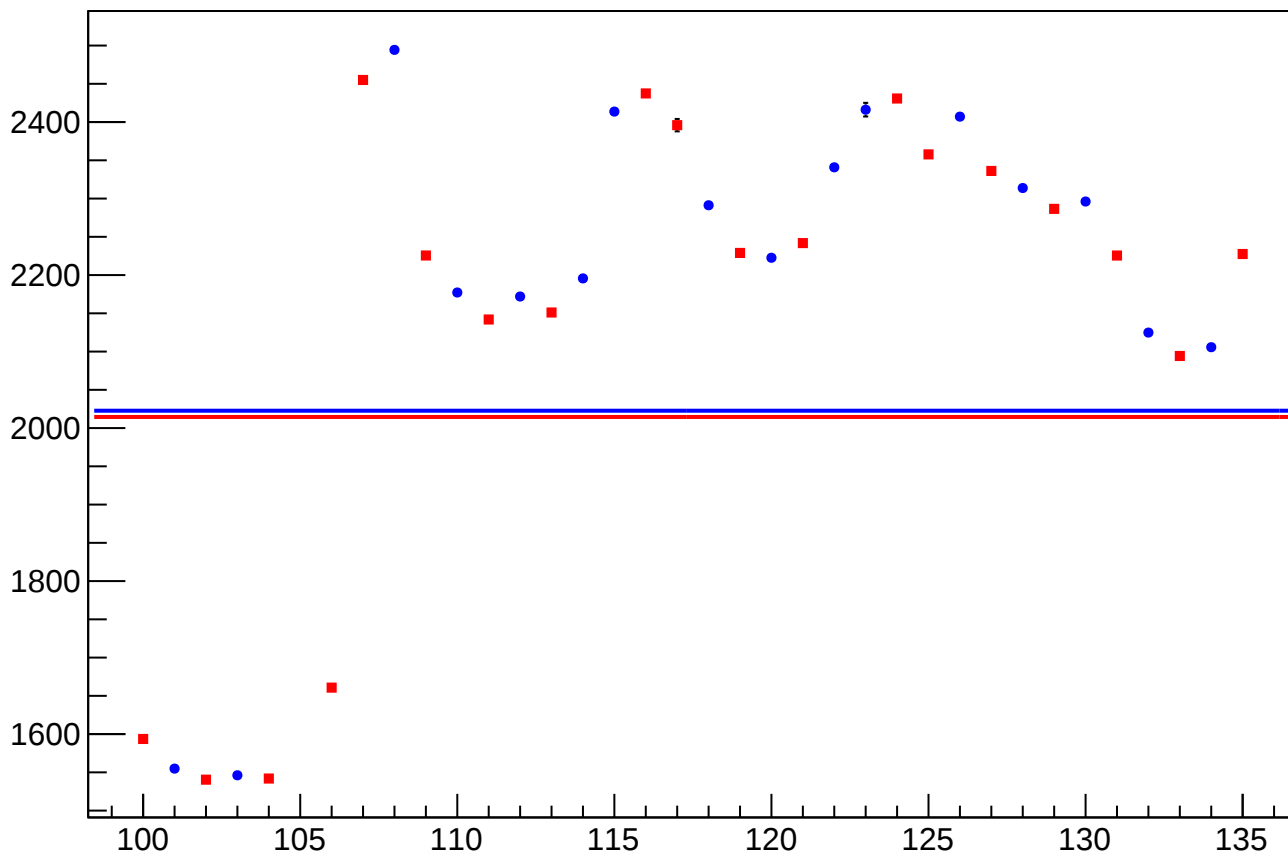
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.305+/-0.845 χ^2/NDF : 470.0/15

8.282+/-0.570 χ^2/NDF : 900.2/34

6.593+/-0.772 χ^2/NDF : 419.6/18

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 2022.698 $\pm$ 0.597 χ^2 /NDF: 347064.0/15

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

Right Out: 2014.510 $\pm$ 0.546 χ^2 /NDF: 375214.2/18

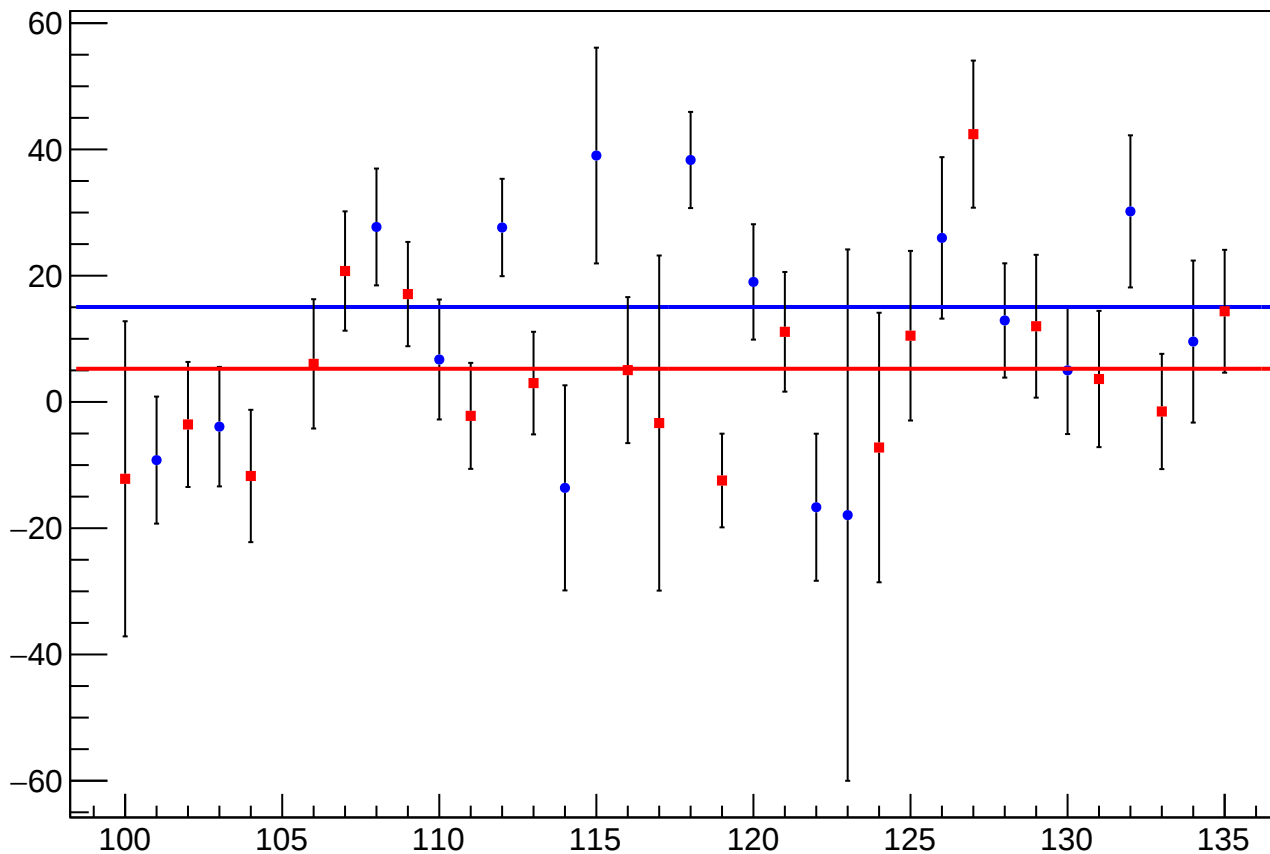
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2022.698 $\pm$ 0.597 χ^2 /NDF: 347064.0/15

2018.236 $\pm$ 0.403 χ^2 /NDF: 722380.6/34

2014.510 $\pm$ 0.546 χ^2 /NDF: 375214.2/18

diff_bpm0l06X_mean vs Slug, Sign Corrected



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

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

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

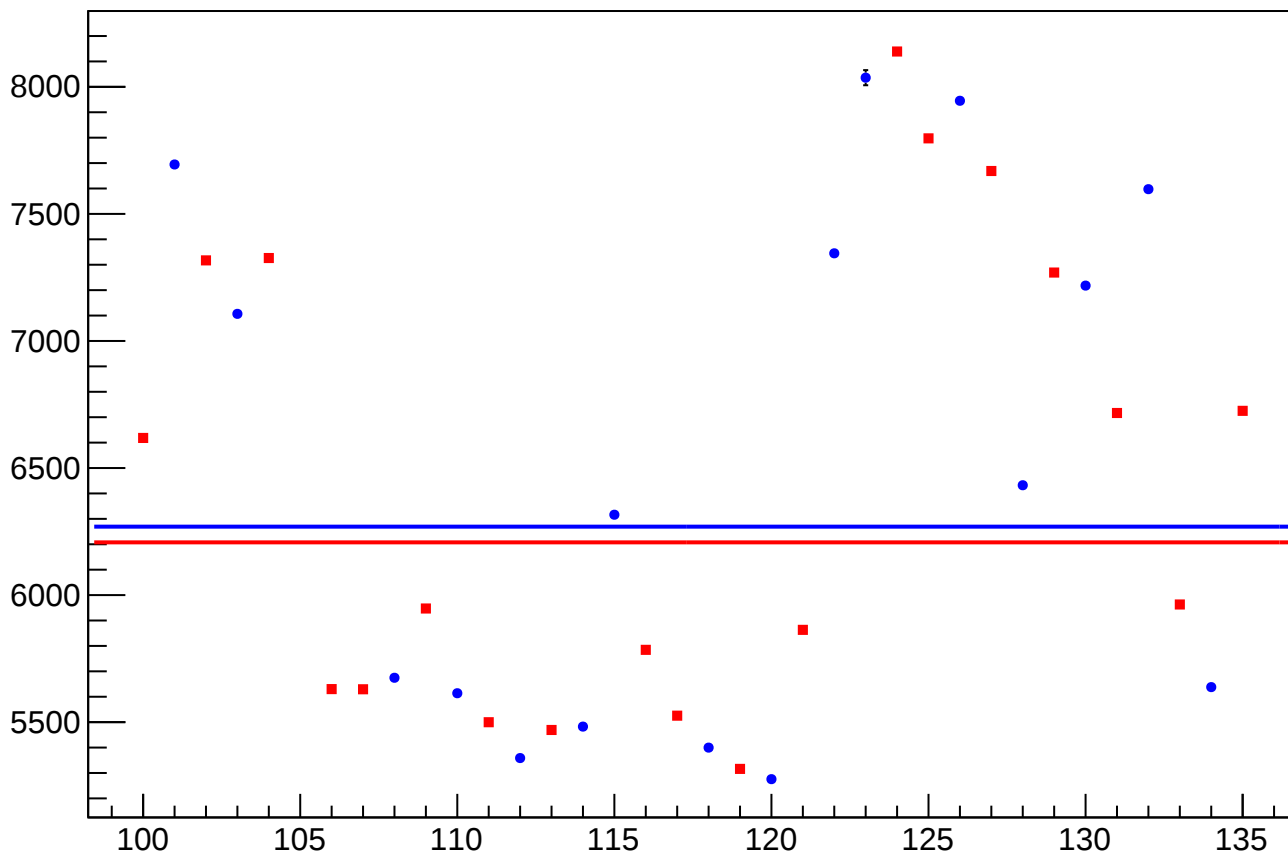
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

15.038+/-2.616 χ^2 /NDF: 41.3/15

9.667+/-1.757 χ^2 /NDF: 77.2/34

5.257+/-2.371 χ^2 /NDF: 28.2/18

diff_bpm0l06X_rms vs Slug, Sign Corrected



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

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

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

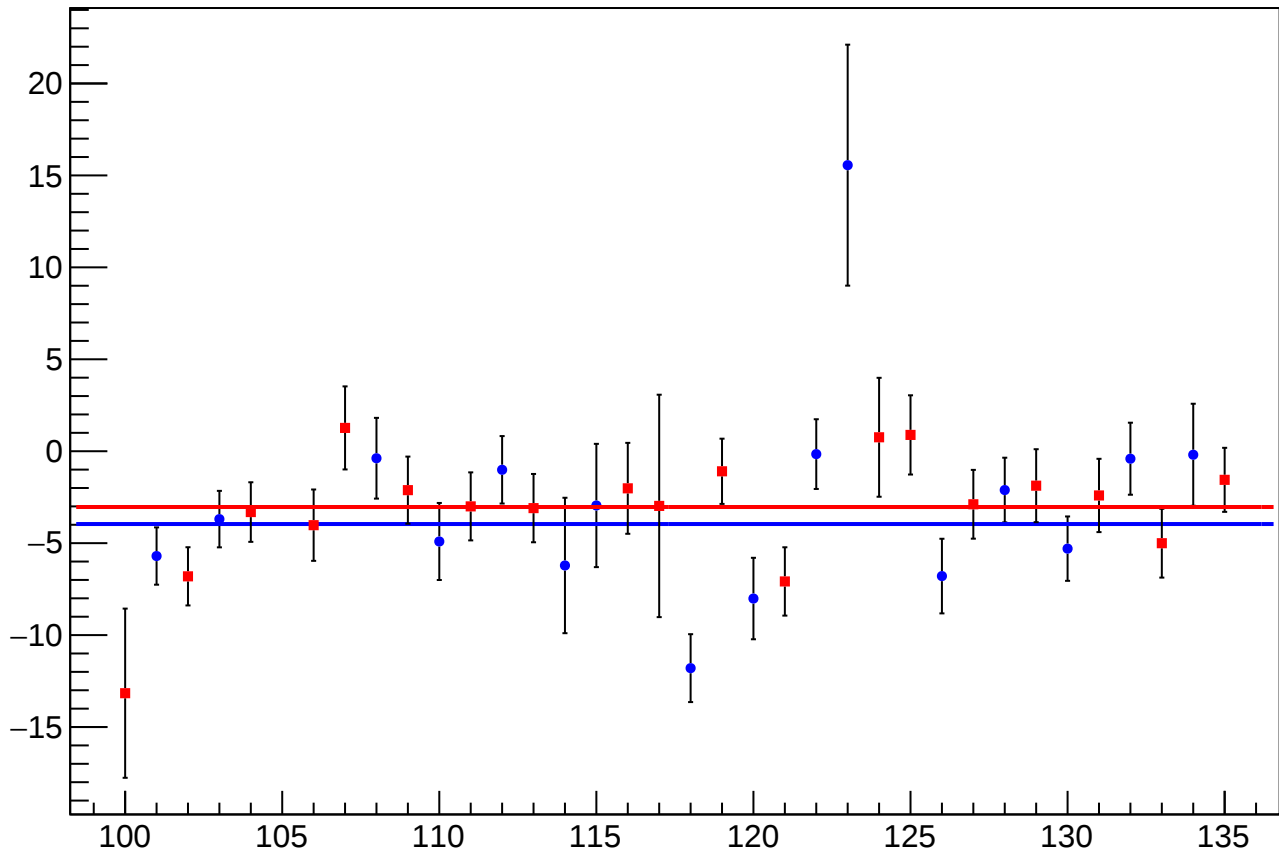
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

6235.379 $\pm$ 1.242 χ^2 /NDF: 494393.1/34

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

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.960 $\pm$ 0.512 χ^2 /NDF: 50.2/15

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

Right Out: -3.034 $\pm$ 0.462 χ^2 /NDF: 27.8/18

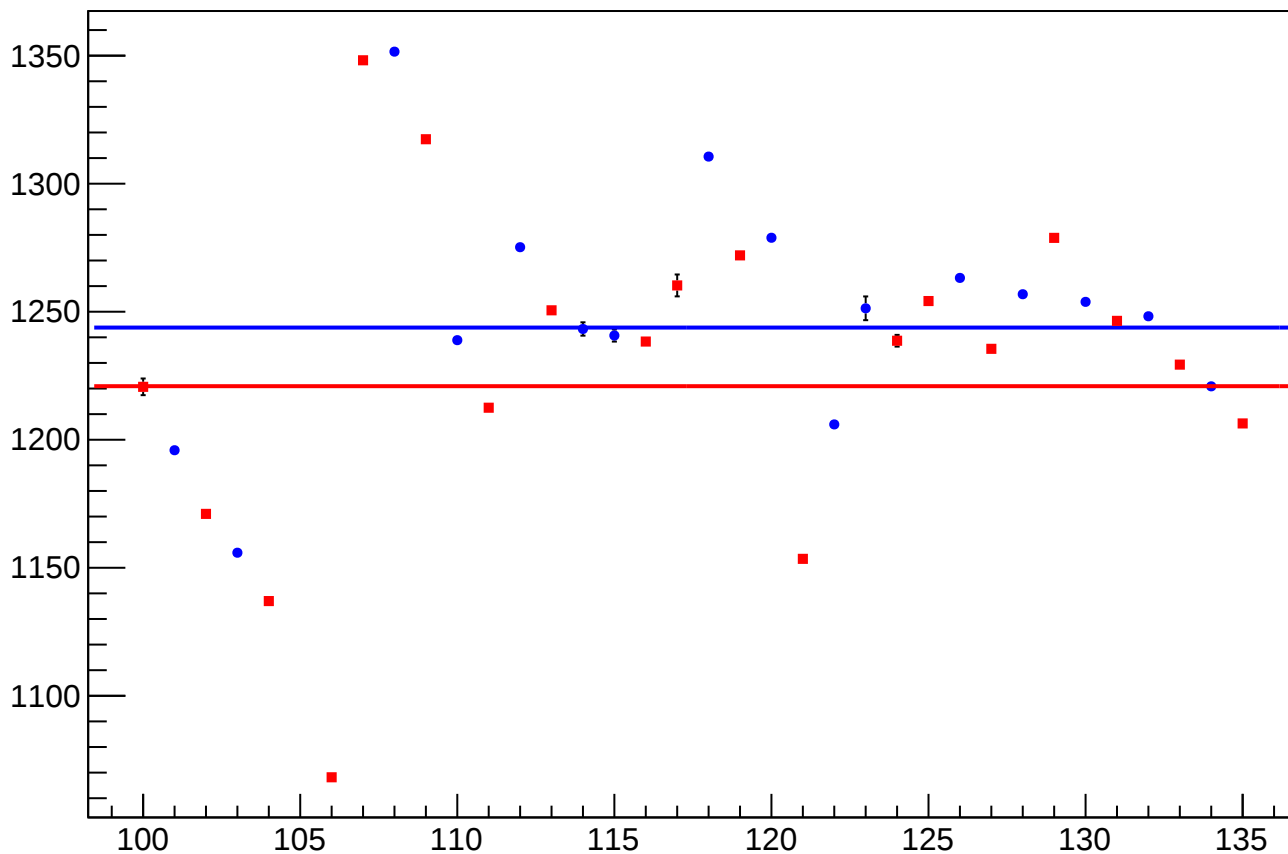
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-3.960 $\pm$ 0.512 χ^2 /NDF: 50.2/15

-3.449 $\pm$ 0.343 χ^2 /NDF: 79.8/34

-3.034 $\pm$ 0.462 χ^2 /NDF: 27.8/18

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1243.811 $\pm$ 0.362 χ^2 /NDF: 18278.8/15

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

Right Out: 1220.917 $\pm$ 0.327 χ^2 /NDF: 39587.7/18

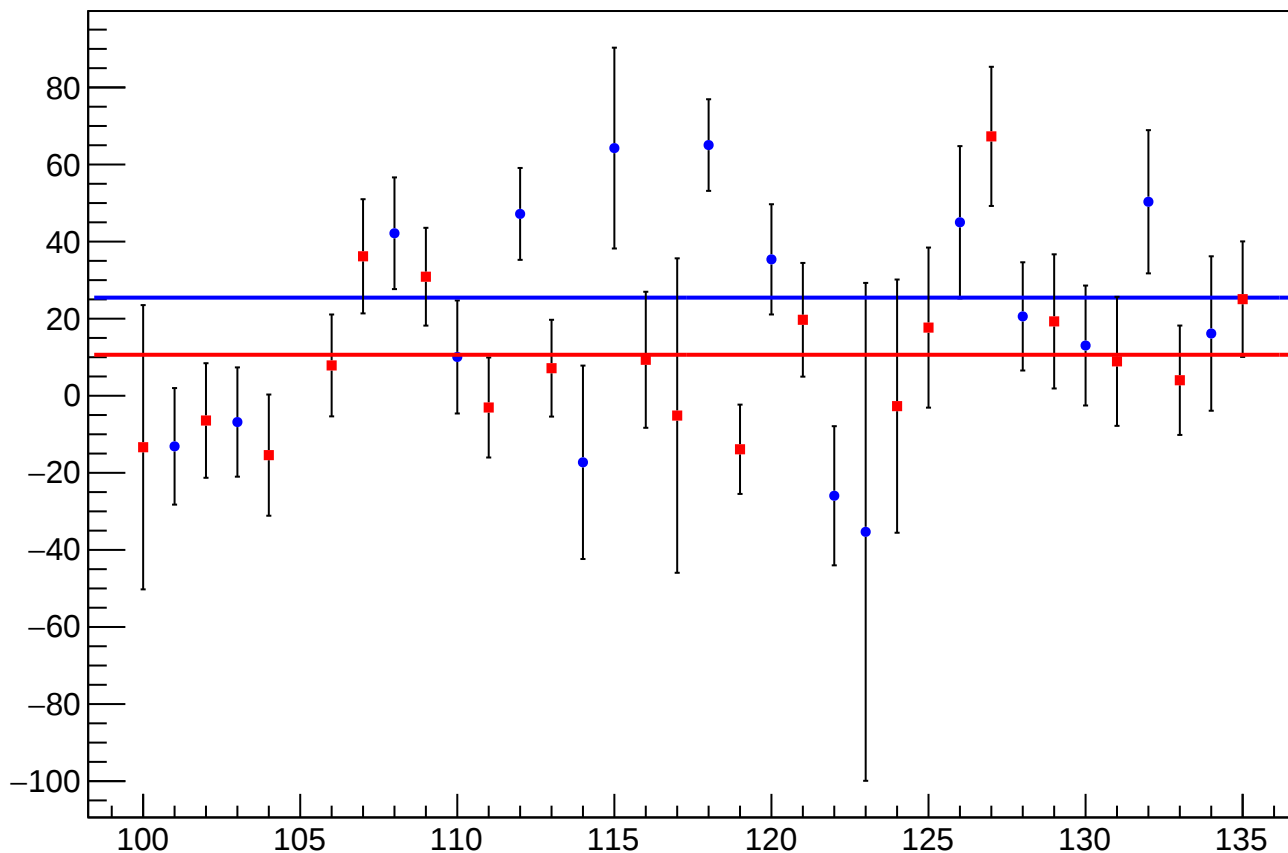
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1243.811 $\pm$ 0.362 χ^2 /NDF: 18278.8/15

1231.185 $\pm$ 0.243 χ^2 /NDF: 60070.6/34

1220.917 $\pm$ 0.327 χ^2 /NDF: 39587.7/18

diff_bpm0l07X_mean vs Slug, Sign Corrected



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

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

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

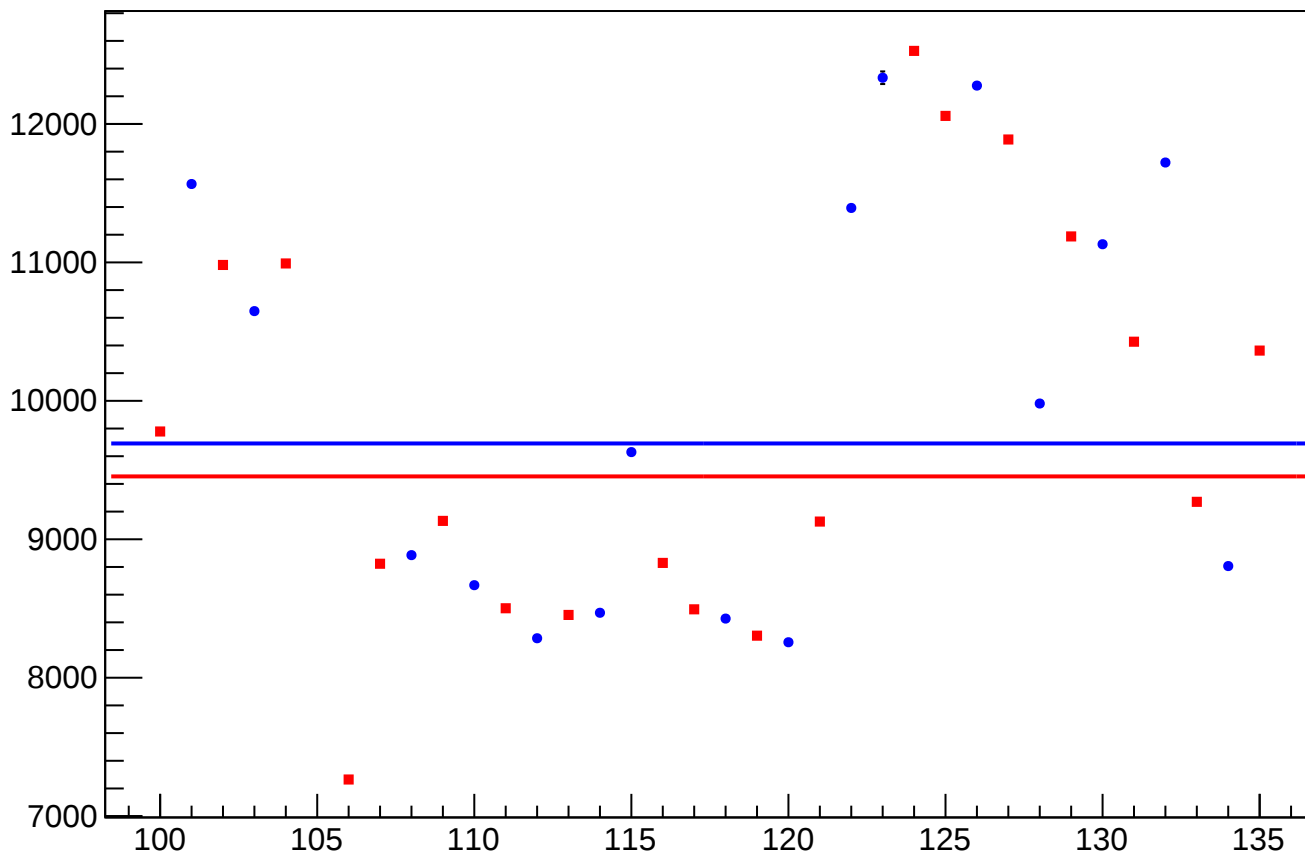
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

25.462 $\pm$ 4.040 χ^2 /NDF: 46.9/15

17.227 $\pm$ 2.694 χ^2 /NDF: 82.1/34

10.634 $\pm$ 3.615 χ^2 /NDF: 27.8/18

diff_bpm0l07X_rms vs Slug, Sign Corrected



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

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

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

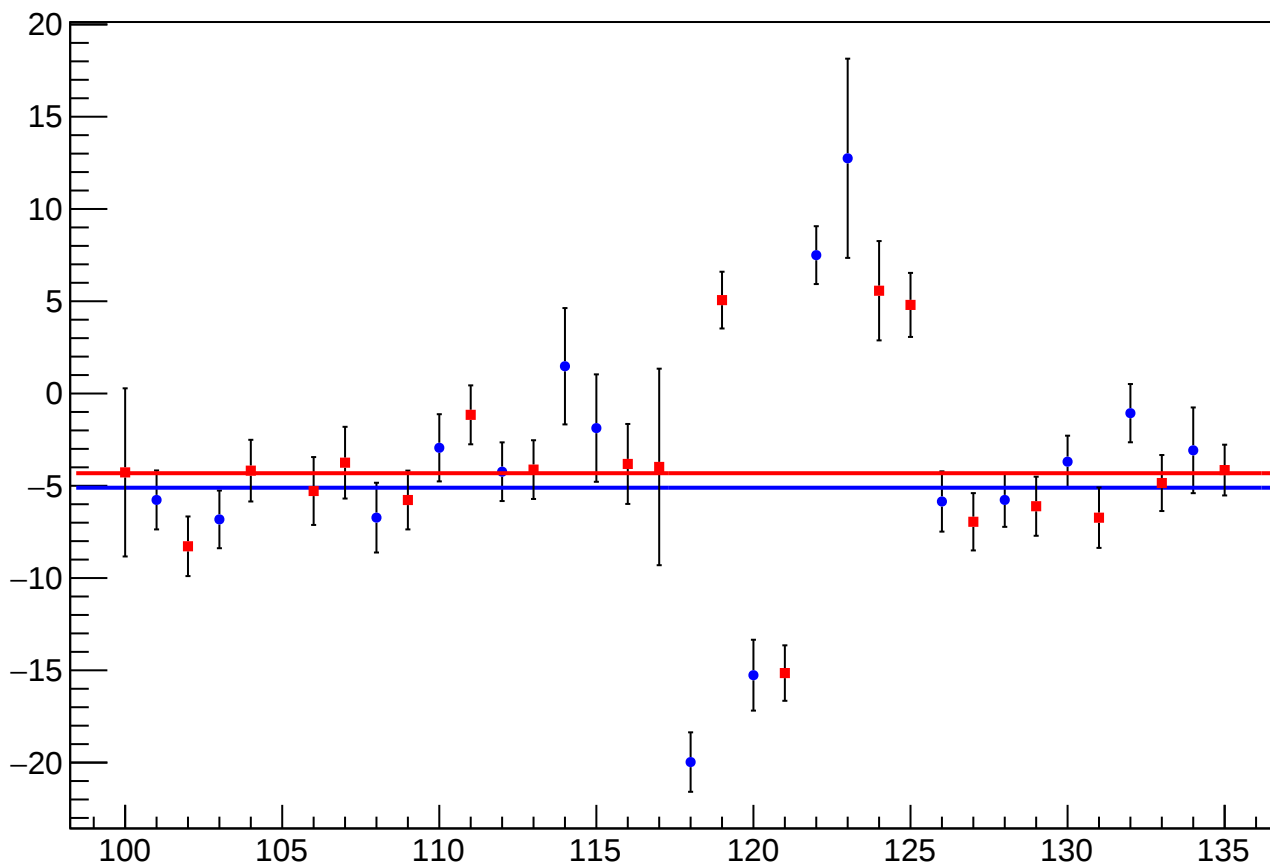
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

9559.994 $\pm$ 1.905 χ^2 /NDF: 503608.6/34

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

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.105+/-0.446 χ^2/NDF : 206.9/15

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

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

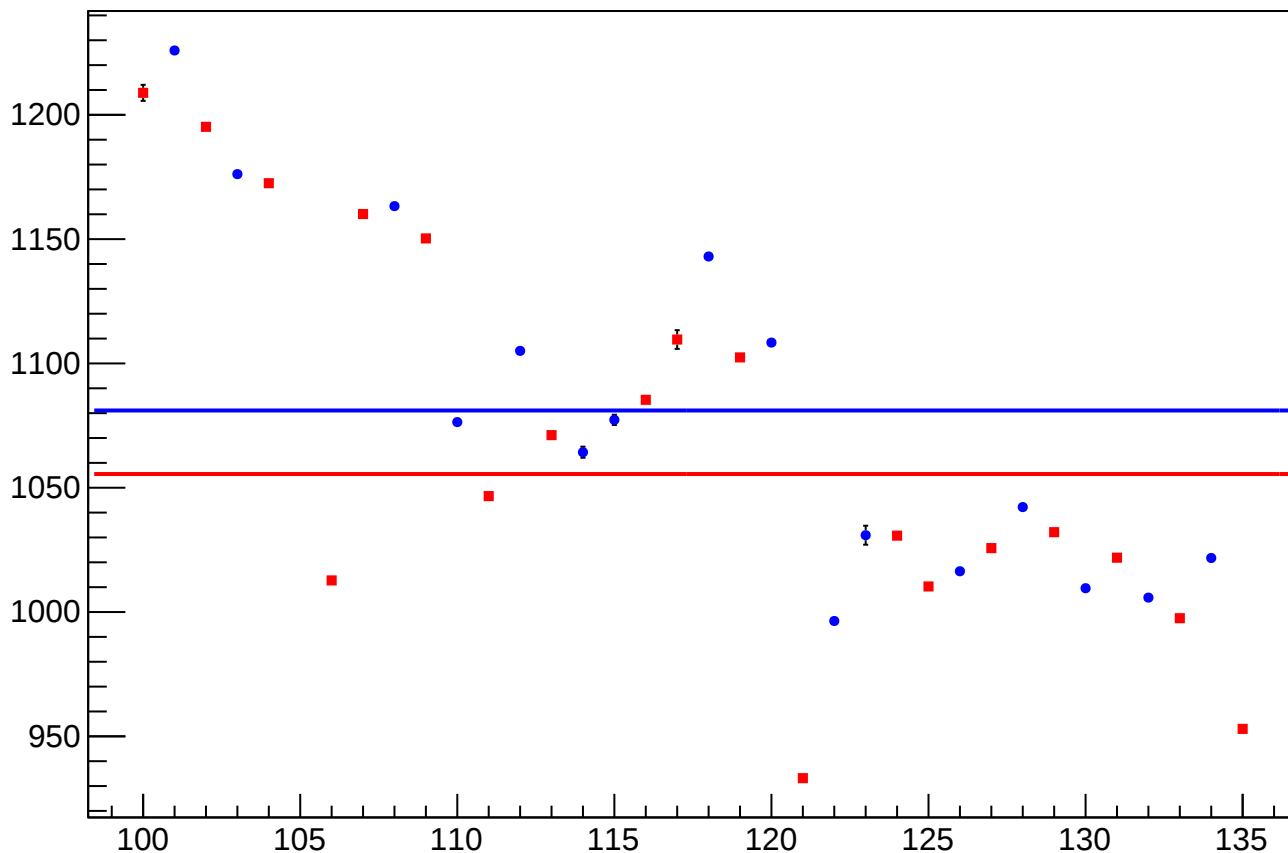
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.105+/-0.446 χ^2/NDF : 206.9/15

-4.669+/-0.298 χ^2/NDF : 356.5/34

-4.319+/-0.400 χ^2/NDF : 147.9/18

diff_bpm0l07Y_rms vs Slug, Sign Corrected



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

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

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

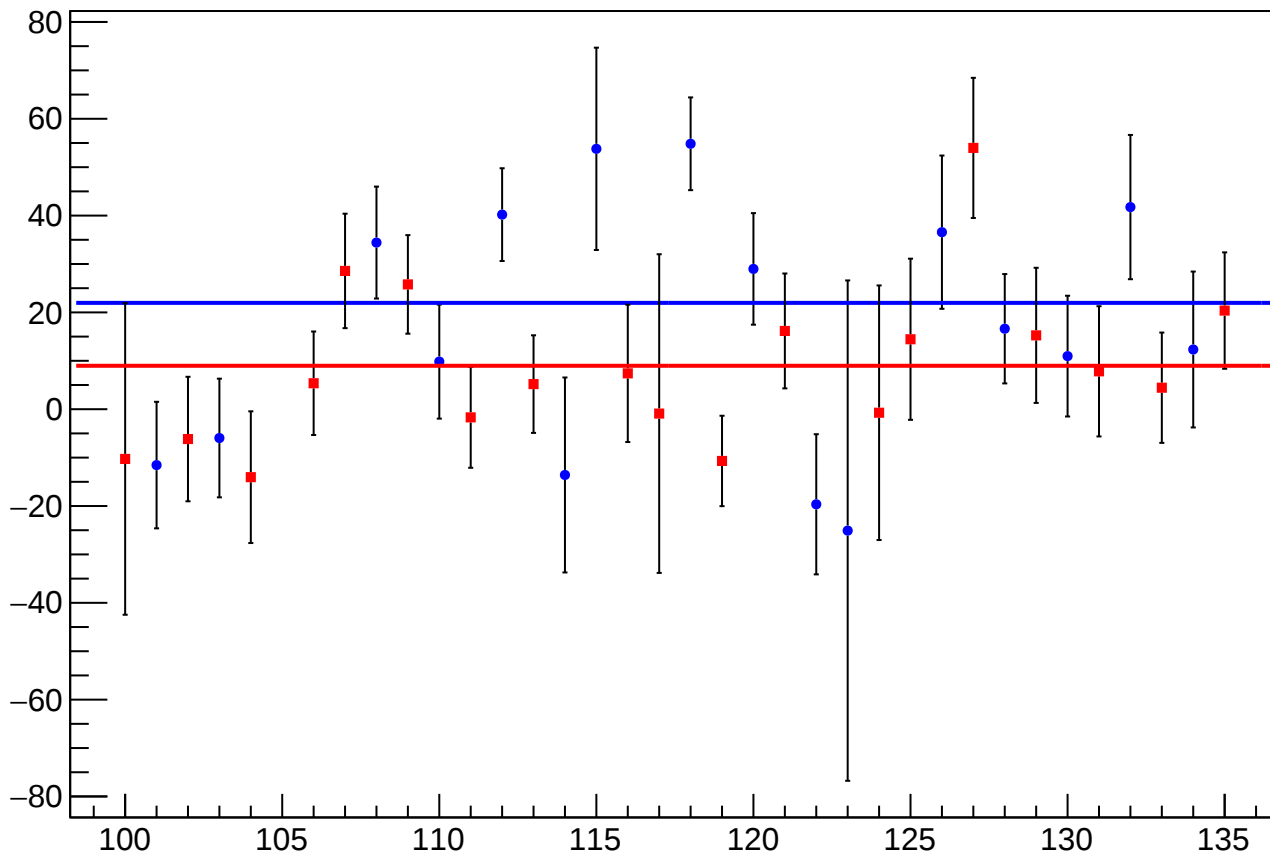
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1066.906 $\pm$ 0.210 χ^2 /NDF: 131212.6/34

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

diff_bpm0l08X_mean vs Slug, Sign Corrected



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

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

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

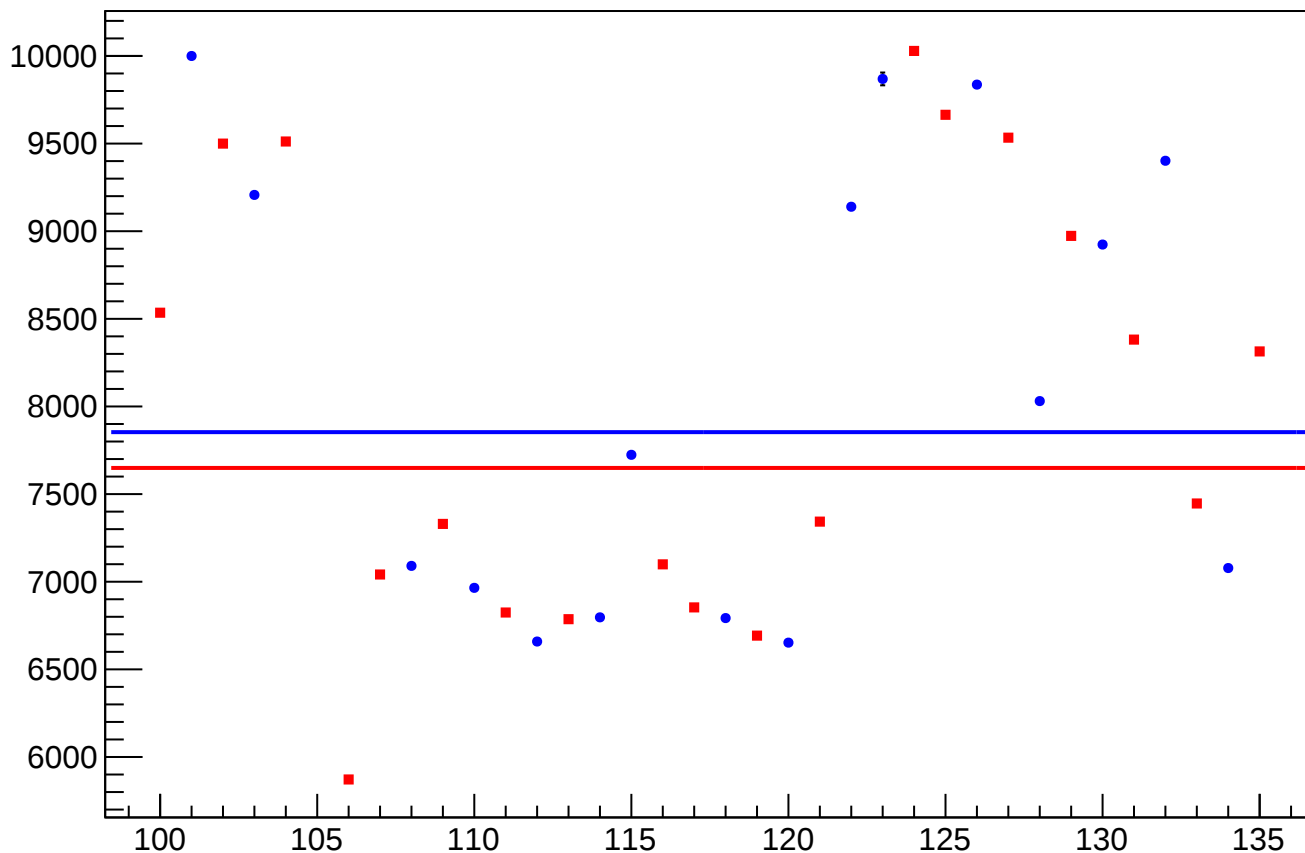
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

21.970+/-3.279 χ^2 /NDF: 48.2/15

14.740+/-2.184 χ^2 /NDF: 84.4/34

8.972+/-2.929 χ^2 /NDF: 27.5/18

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

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

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

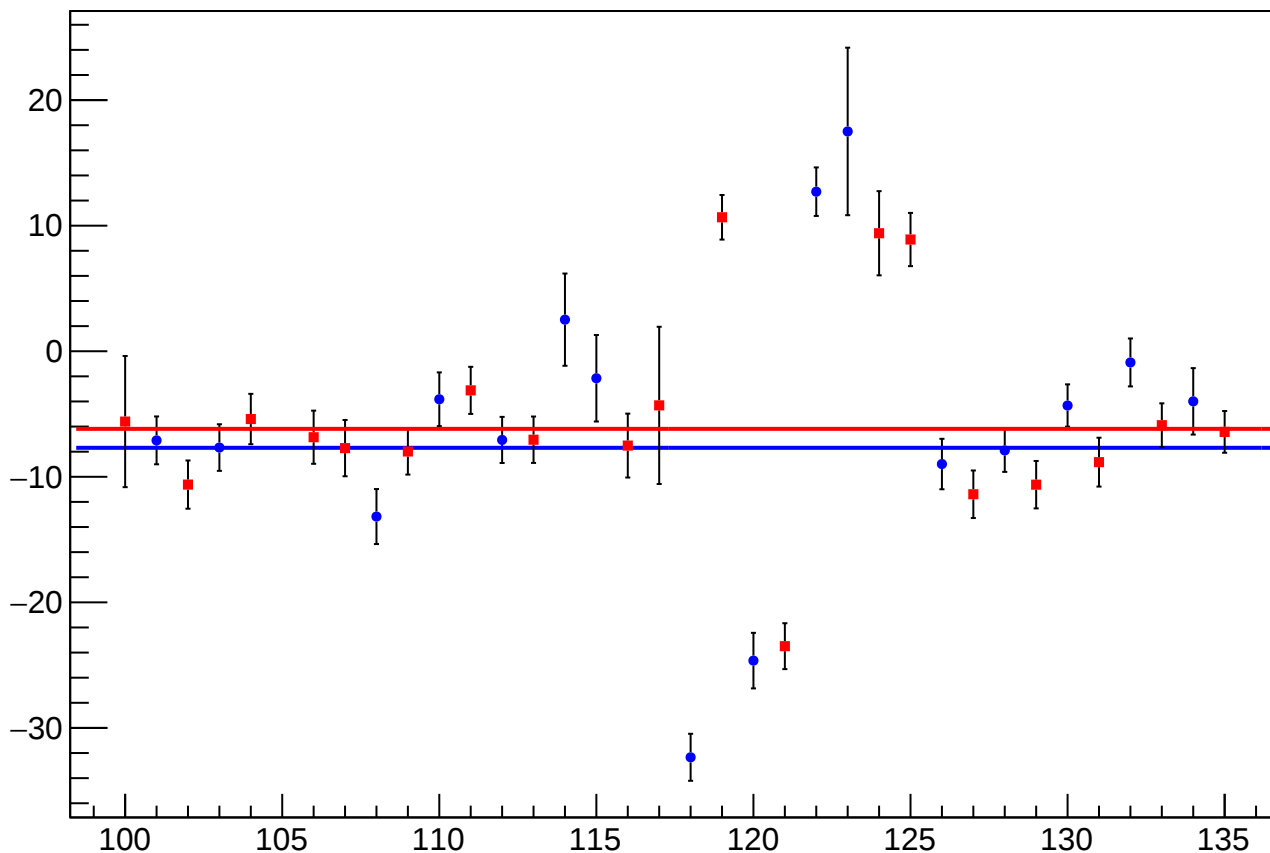
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7739.911+/-1.544 χ^2/NDF : 584160.9/34

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

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.691+/-0.528 χ^2 /NDF: 396.7/15

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

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

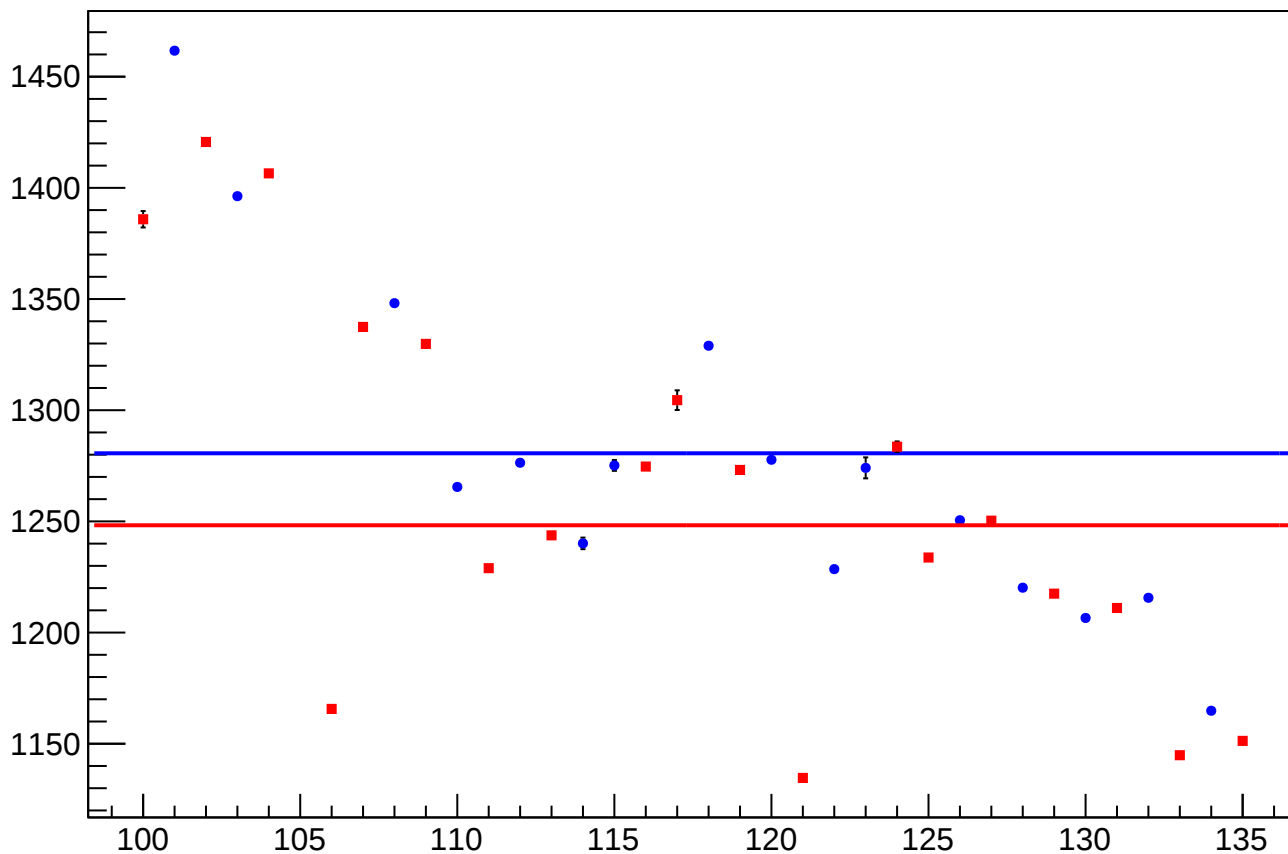
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7.691+/-0.528 χ^2 /NDF: 396.7/15

-6.853+/-0.352 χ^2 /NDF: 678.5/34

-6.182+/-0.473 χ^2 /NDF: 277.3/18

diff_bpm0l08Y_rms vs Slug, Sign Corrected



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

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

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

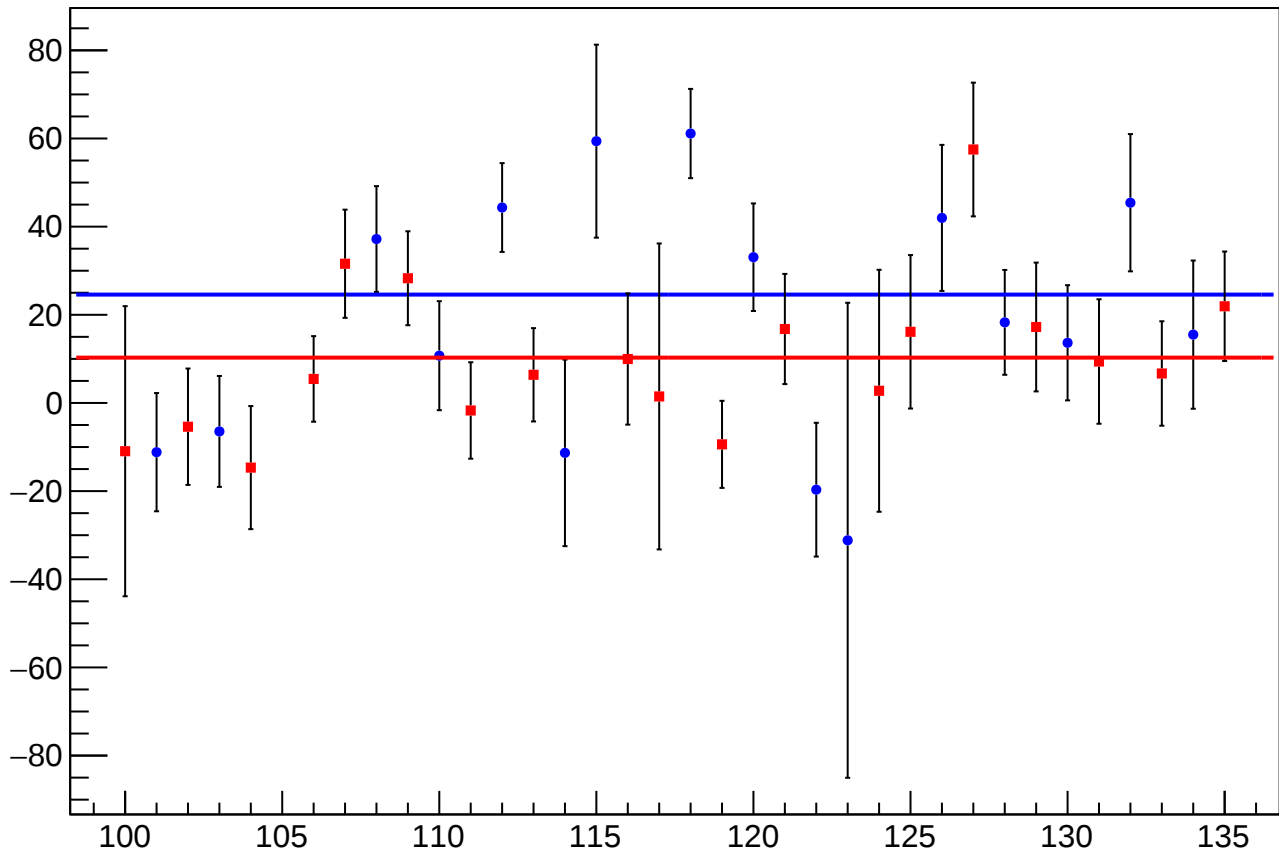
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1262.657 $\pm$ 0.249 χ^2 /NDF: 112287.2/34

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

diff_bpm0l09X_mean vs Slug, Sign Corrected



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

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

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

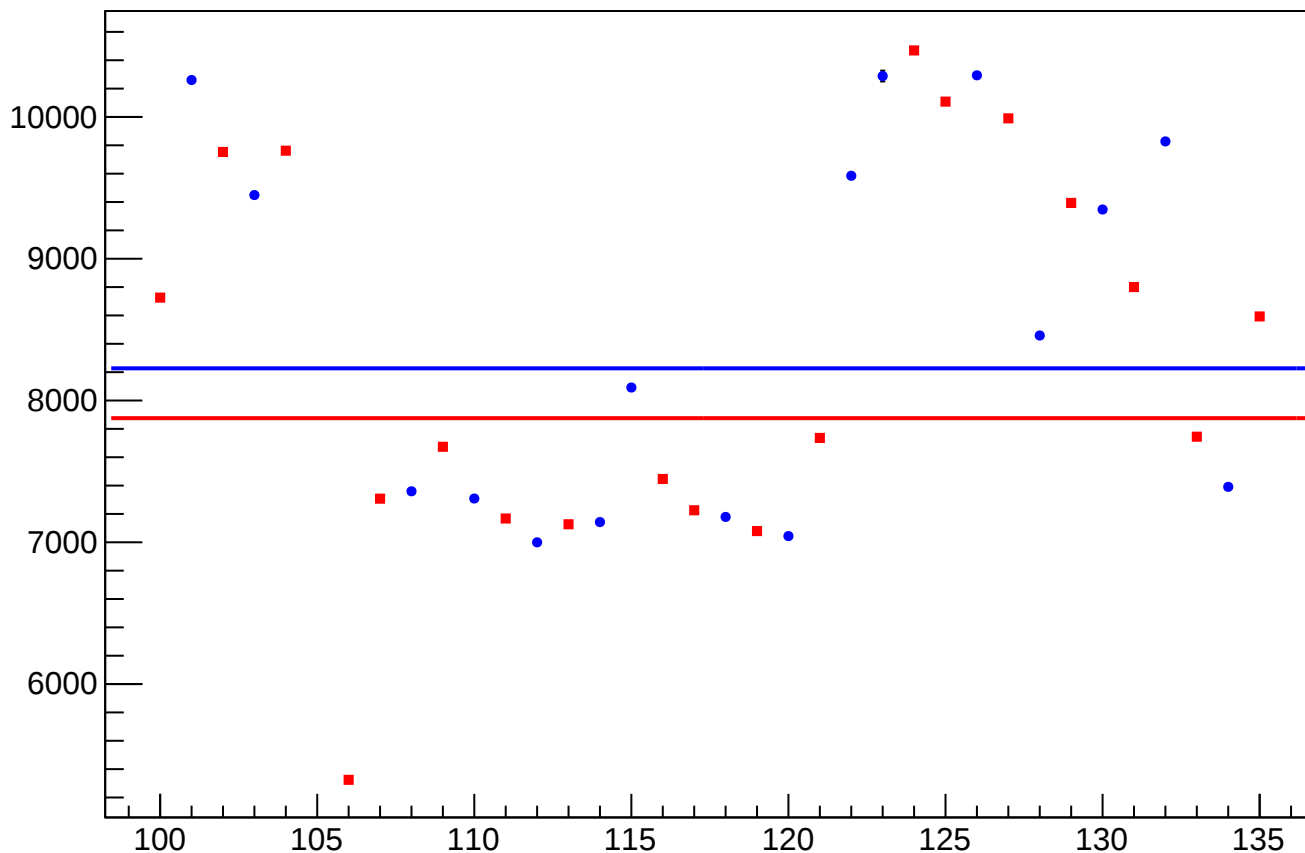
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

24.584+/-3.431 χ^2 /NDF: 52.1/15

16.534+/-2.268 χ^2 /NDF: 89.7/34

10.285+/-3.023 χ^2 /NDF: 27.9/18

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8227.065+/-2.426 χ^2/NDF : 253194.0/15

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

Right Out: 7875.514+/-2.138 χ^2/NDF : 381970.3/18

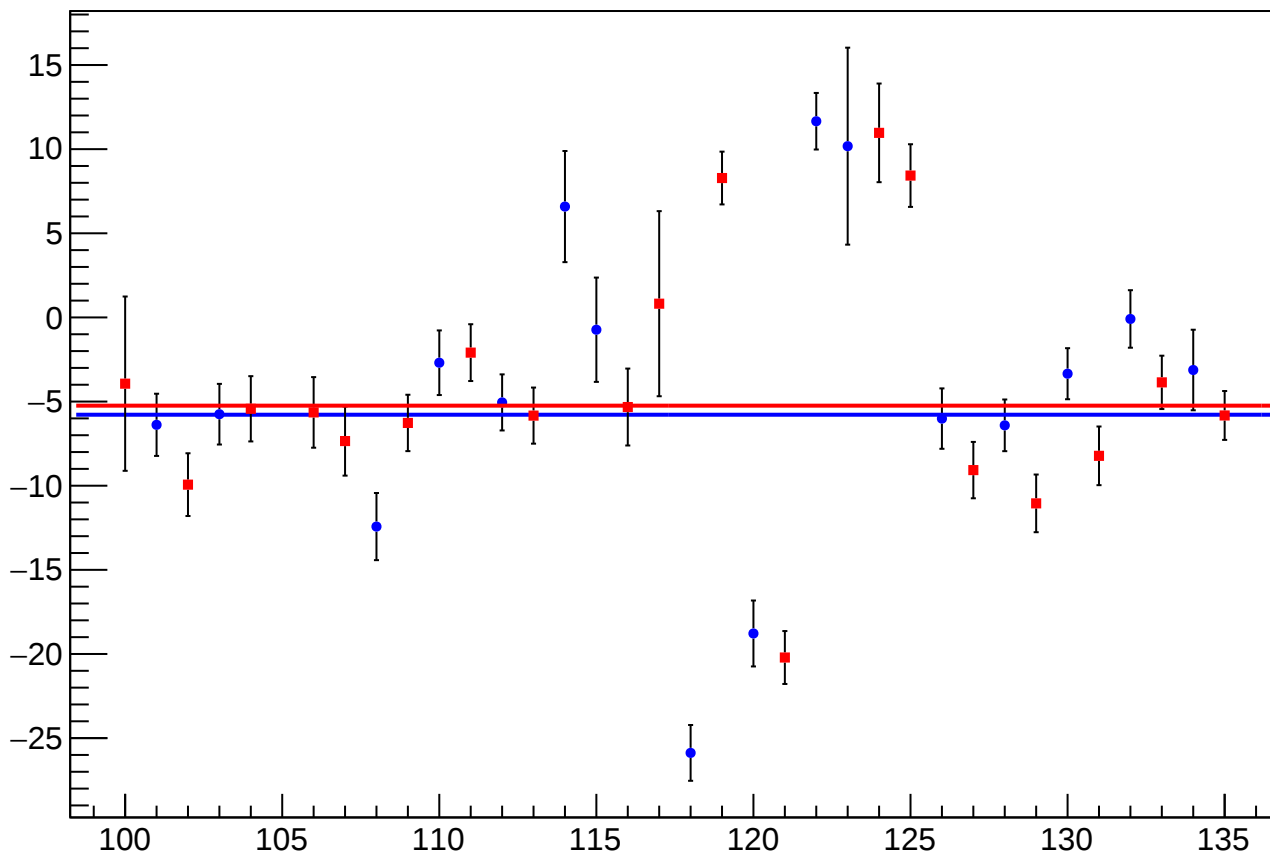
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8227.065+/-2.426 χ^2/NDF : 253194.0/15

8029.161+/-1.604 χ^2/NDF : 646981.9/34

7875.514+/-2.138 χ^2/NDF : 381970.3/18

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.782+/-0.478 χ^2 /NDF: 351.9/15

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

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

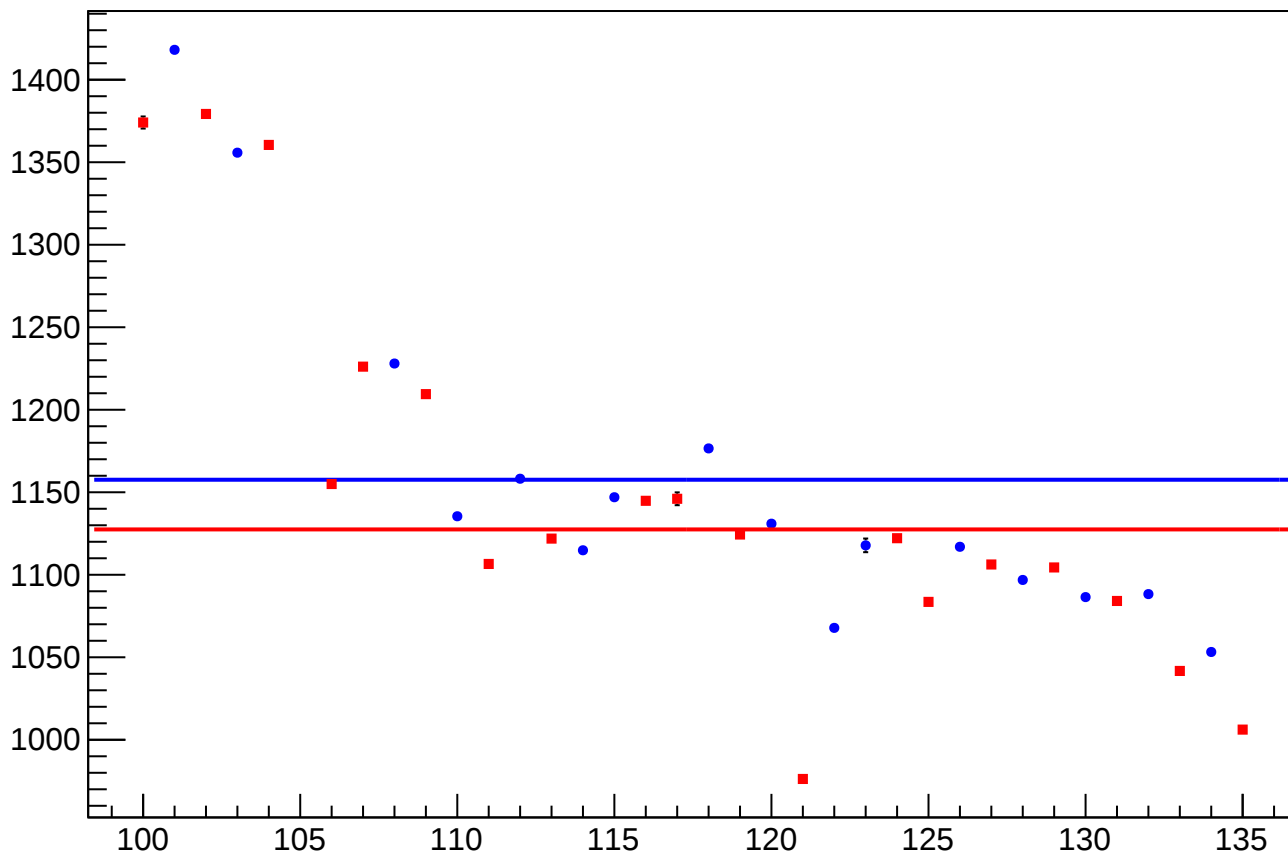
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5.782+/-0.478 χ^2 /NDF: 351.9/15

-5.483+/-0.319 χ^2 /NDF: 635.3/34

-5.243+/-0.428 χ^2 /NDF: 282.8/18

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1157.589+/-0.338 χ^2/NDF : 89125.4/15

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

Right Out: 1127.482+/-0.303 χ^2/NDF : 121449.8/18

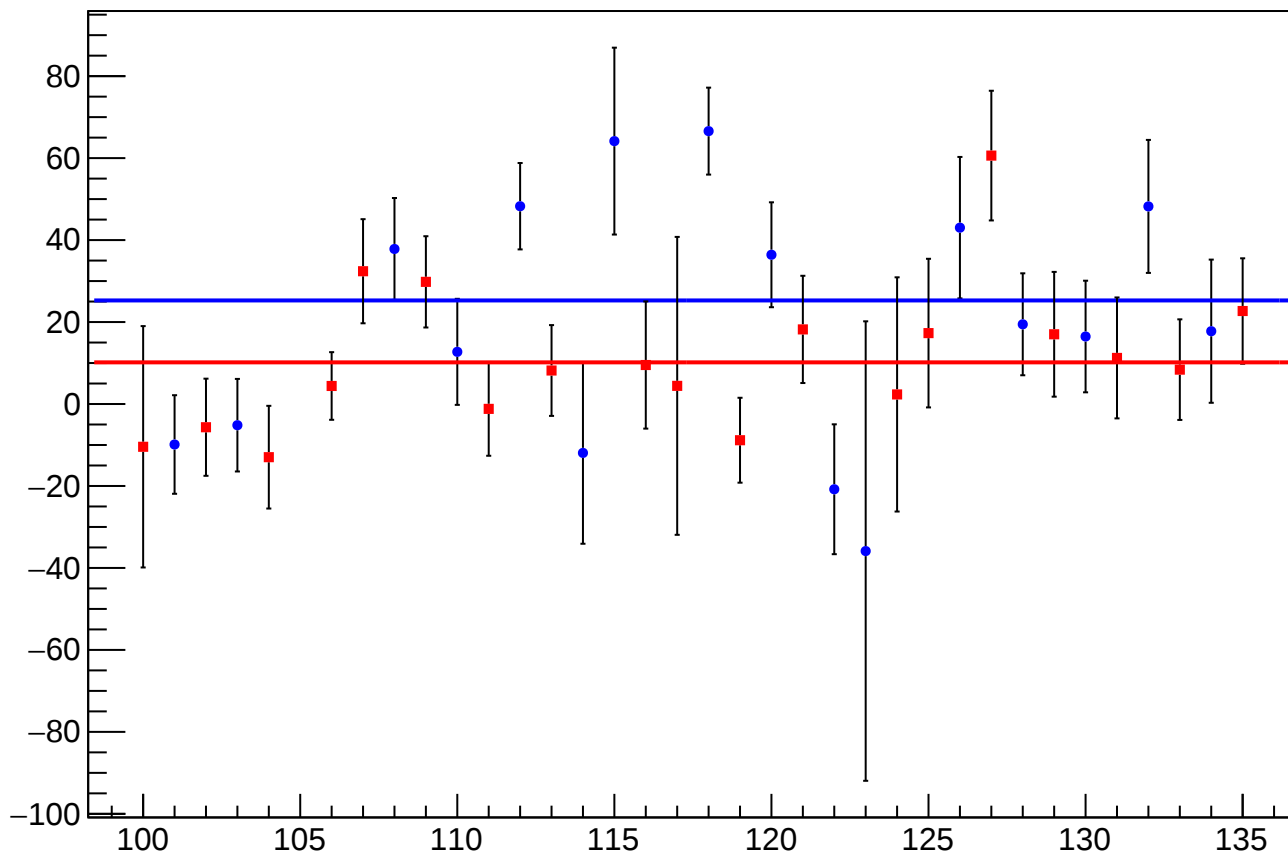
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1157.589+/-0.338 χ^2/NDF : 89125.4/15

1140.870+/-0.225 χ^2/NDF : 214977.5/34

1127.482+/-0.303 χ^2/NDF : 121449.8/18

diff_bpm0l10X_mean vs Slug, Sign Corrected



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

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

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

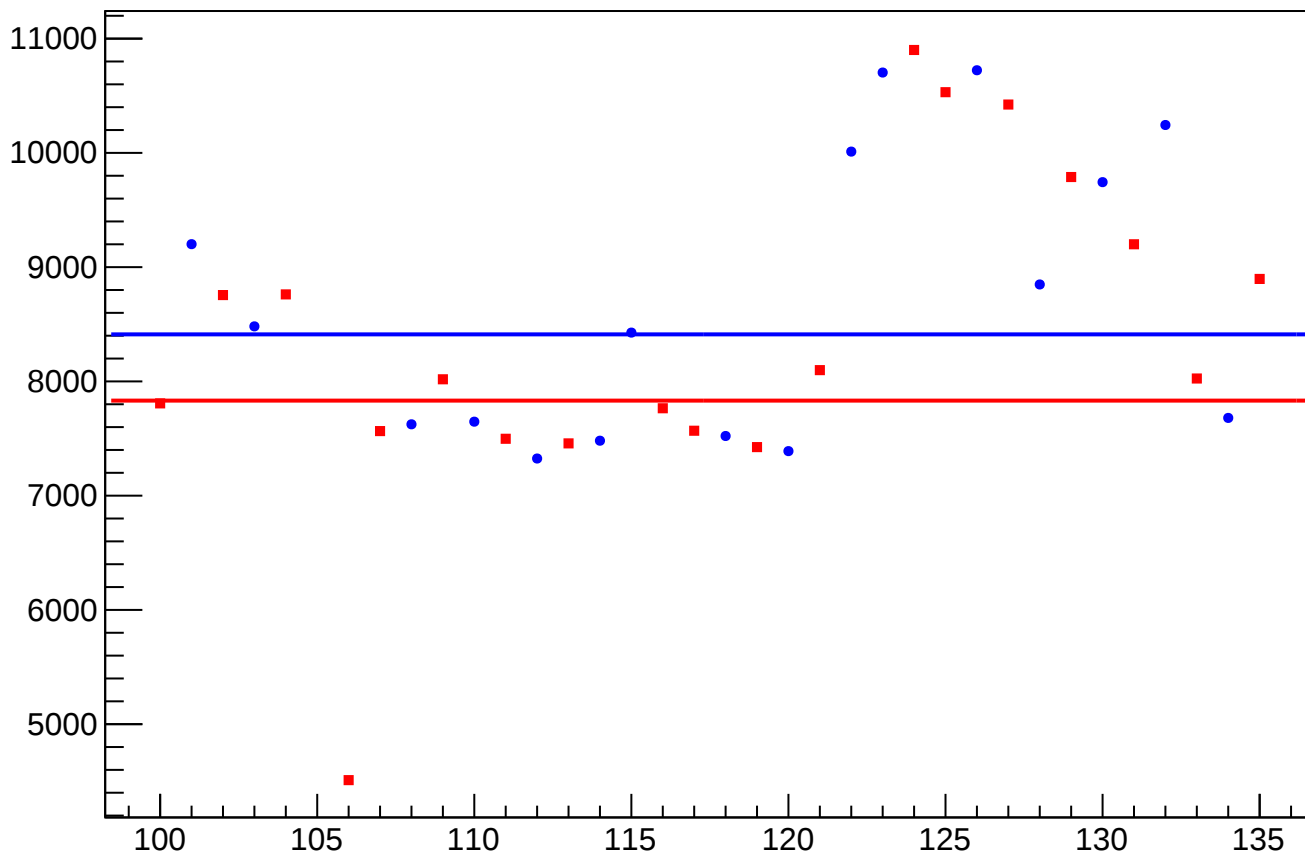
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.271+/-3.498 χ^2 /NDF: 57.7/15

16.627+/-2.288 χ^2 /NDF: 97.1/34

10.163+/-3.025 χ^2 /NDF: 28.7/18

diff_bpm0l10X_rms vs Slug, Sign Corrected



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

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

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

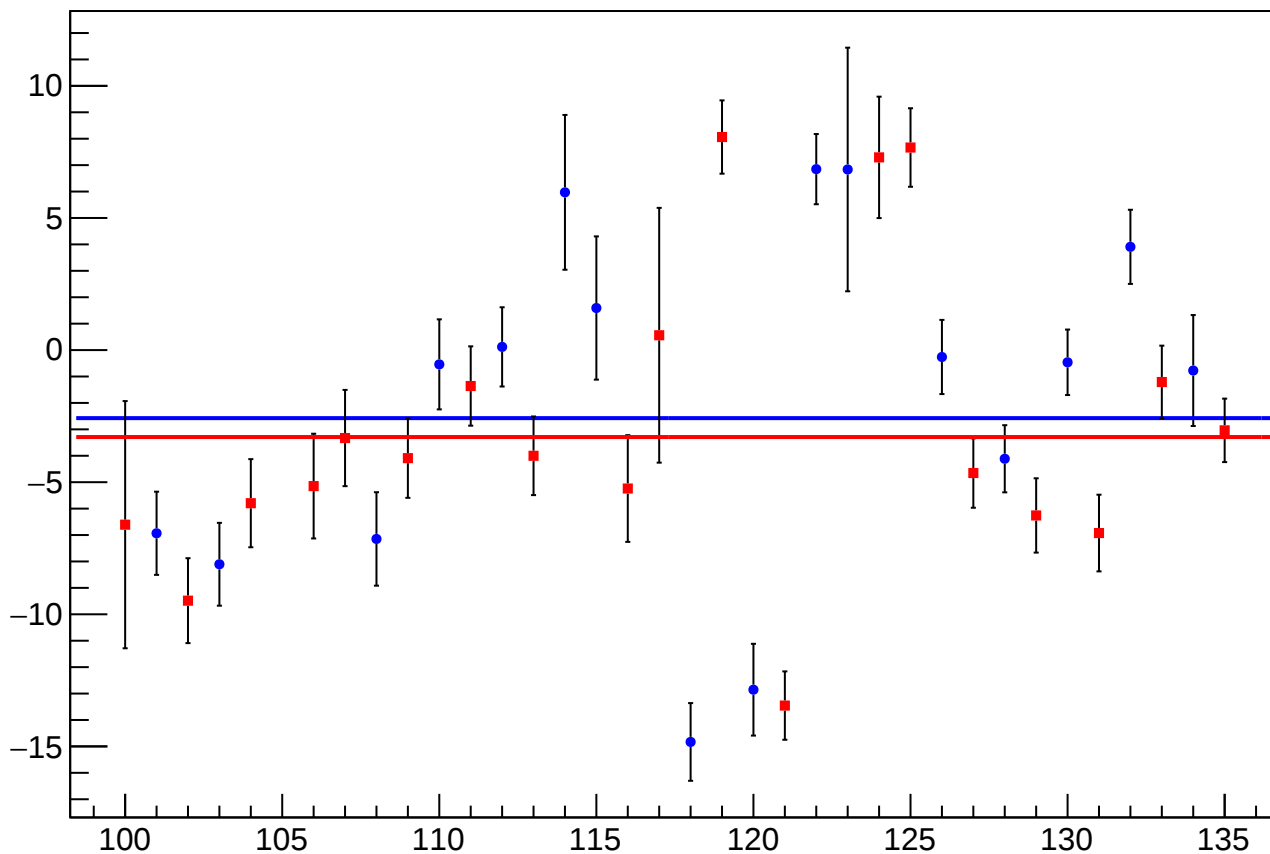
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

8079.970 $\pm$ 1.618 χ^2 /NDF: 759166.5/34

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

diff_bpm0l10Y_mean vs Slug, Sign Corrected



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

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

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

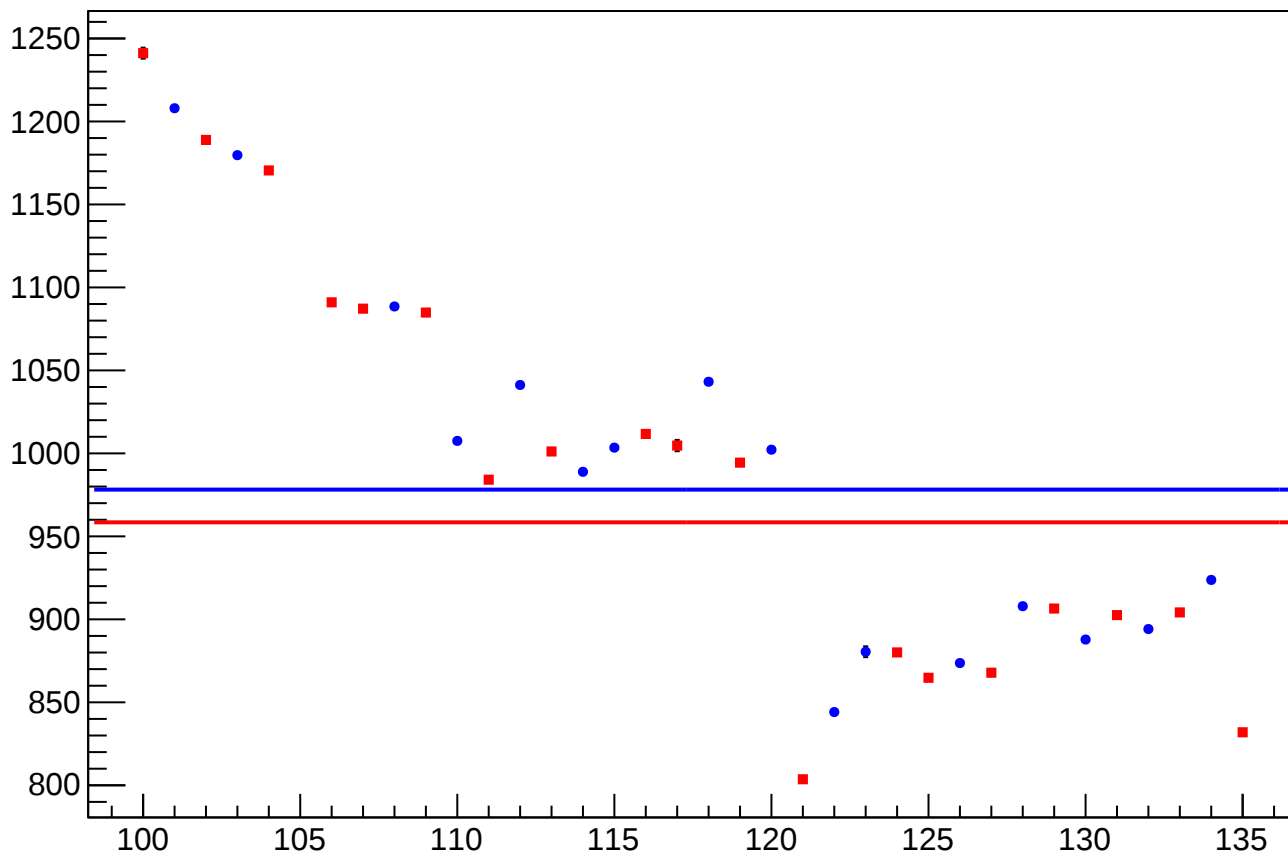
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.576+/-0.405 χ^2/NDF : 230.5/15

-2.971+/-0.271 χ^2/NDF : 472.9/34

-3.291+/-0.365 χ^2/NDF : 240.7/18

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

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

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

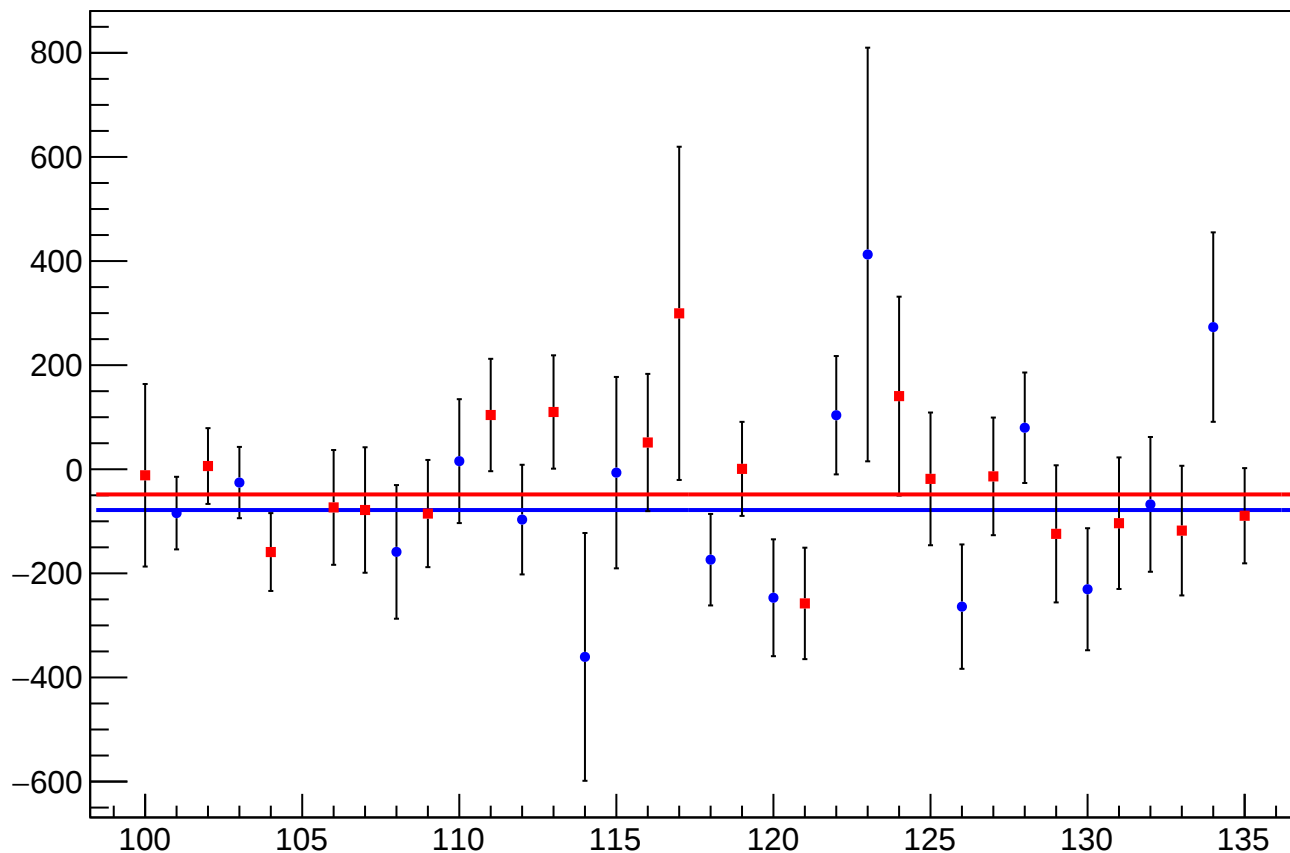
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

978.173+/-0.286 χ^2/NDF : 149671.3/15

967.280+/-0.192 χ^2/NDF : 350706.8/34

958.450+/-0.258 χ^2/NDF : 198418.0/18

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -78.345 $\pm$ 27.721 χ^2 /NDF: 20.8/15

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

Right Out: -48.362 $\pm$ 25.286 χ^2 /NDF: 15.2/18

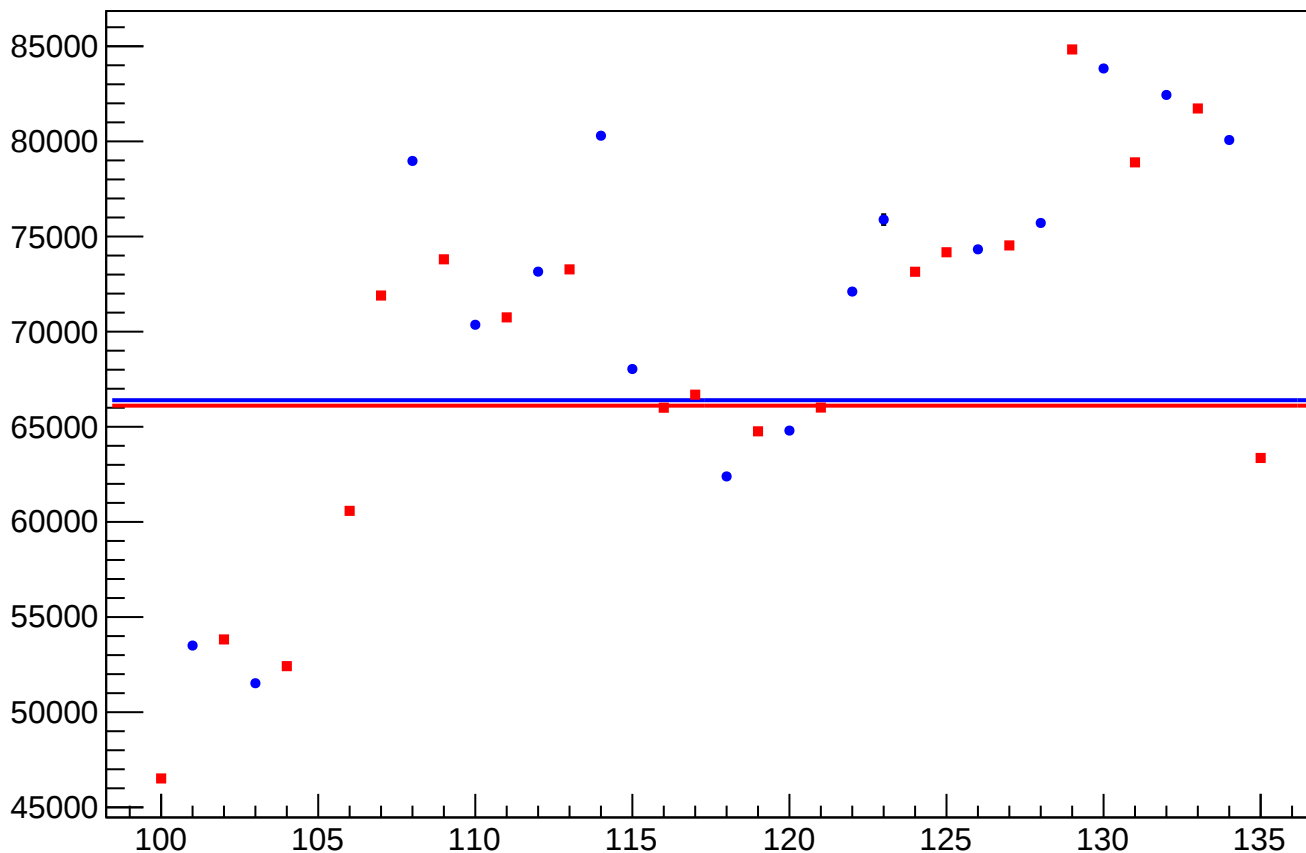
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-78.345 $\pm$ 27.721 χ^2 /NDF: 20.8/15

-61.979 $\pm$ 18.682 χ^2 /NDF: 36.6/34

-48.362 $\pm$ 25.286 χ^2 /NDF: 15.2/18

diff_bpm0r03X_rms vs Slug, Sign Corrected



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

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

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

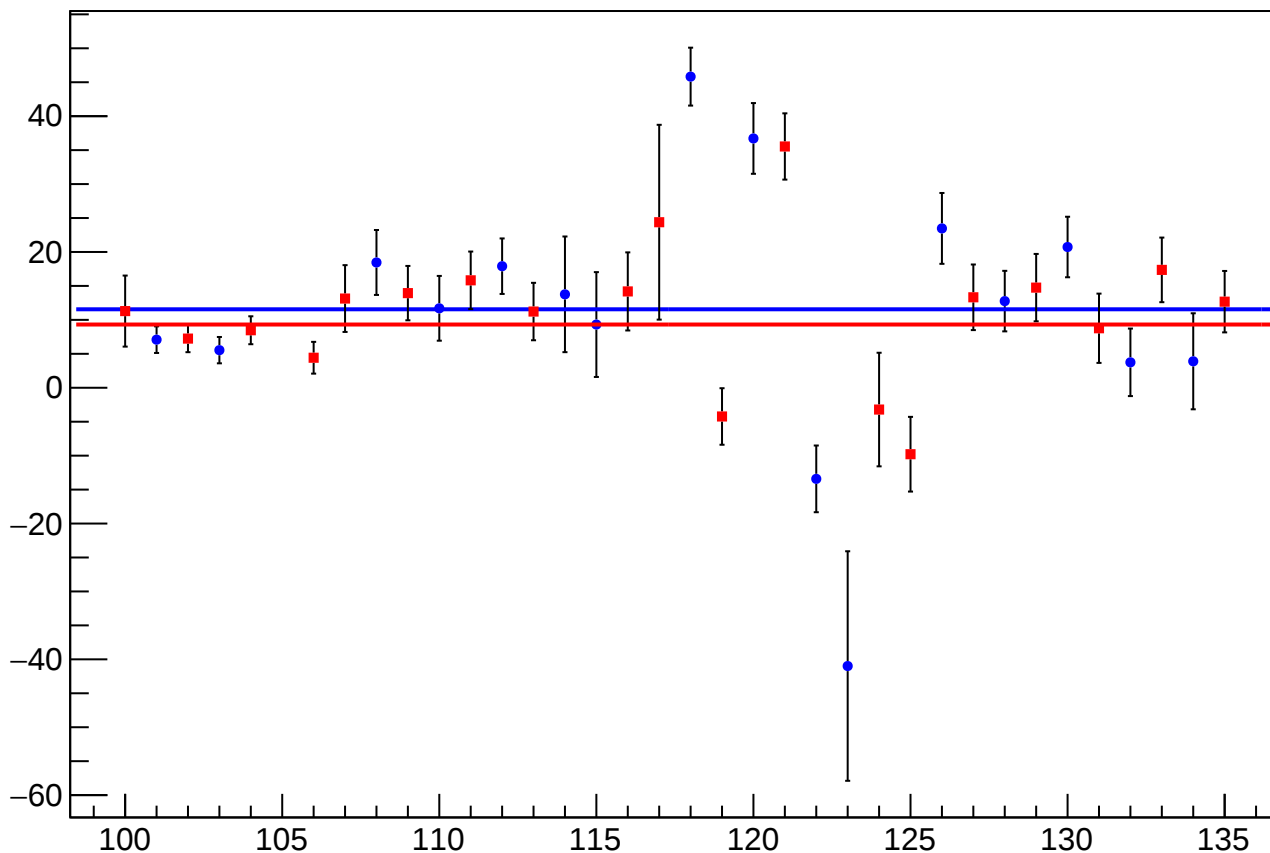
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

66241.009 $\pm$ 13.210 χ^2 /NDF: 619141.3/3

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

diff_bpm0r03Y_mean vs Slug, Sign Corrected



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

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

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

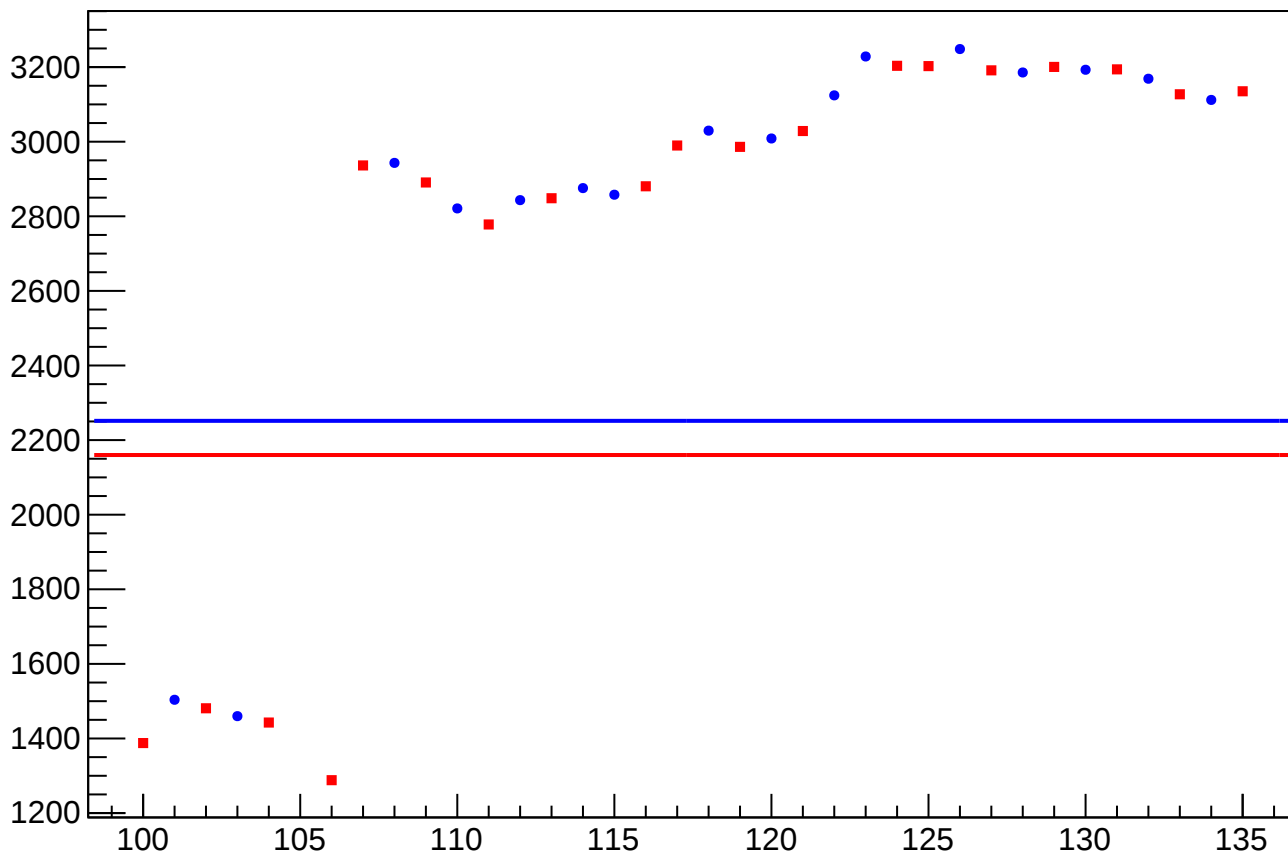
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

11.558+/-0.981 χ^2 /NDF: 156.0/15

10.303+/-0.651 χ^2 /NDF: 230.1/34

9.314+/-0.871 χ^2 /NDF: 71.2/18

diff_bpm0r03Y_rms vs Slug, Sign Corrected



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

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

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

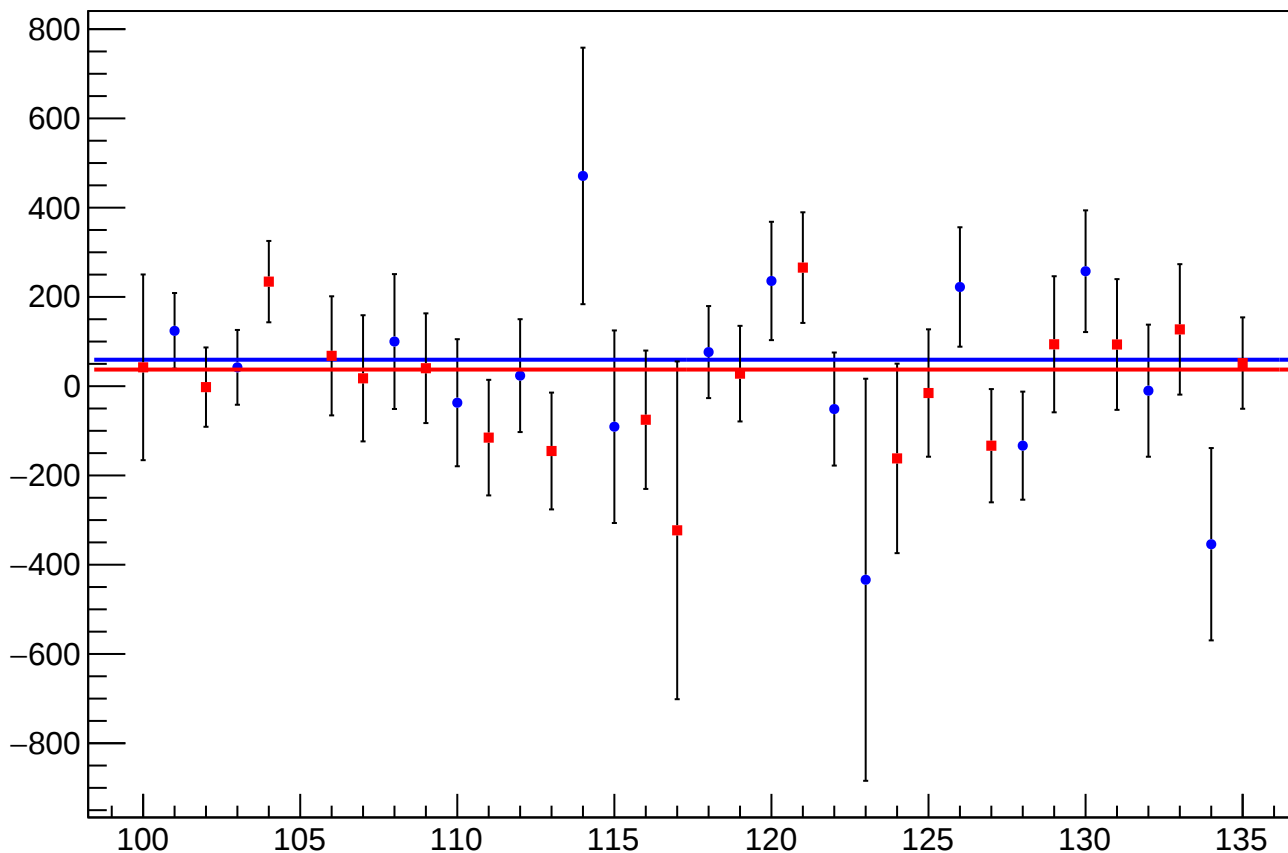
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2200.375 $\pm$ 0.461 χ^2 /NDF: 3021853.0/34

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

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 59.318 $\pm$ 32.720 χ^2 /NDF: 17.6/15

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

Right Out: 37.245 $\pm$ 29.793 χ^2 /NDF: 16.6/18

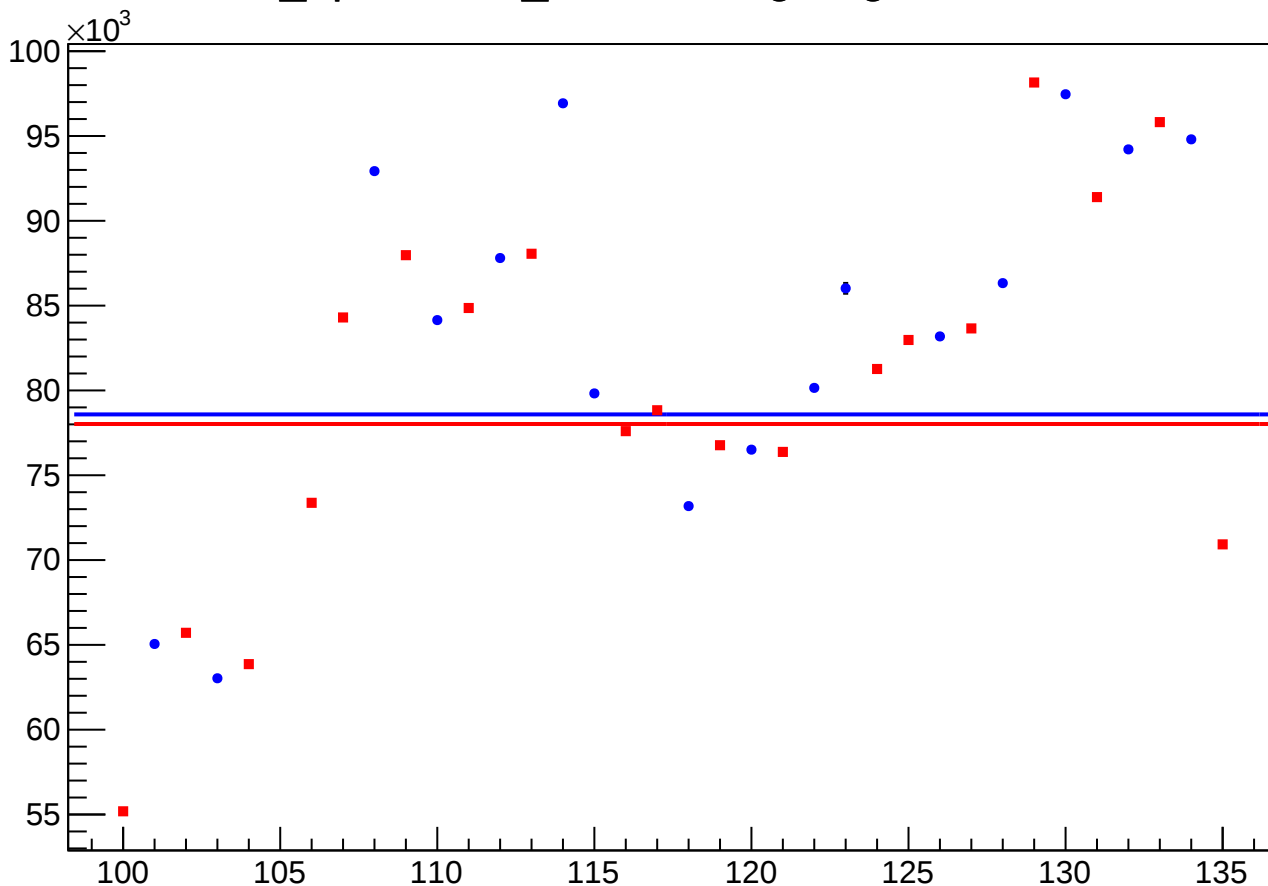
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

59.318 $\pm$ 32.720 χ^2 /NDF: 17.6/15

47.250 $\pm$ 22.029 χ^2 /NDF: 34.4/34

37.245 $\pm$ 29.793 χ^2 /NDF: 16.6/18

diff_bpm0r05X_rms vs Slug, Sign Corrected



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

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

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

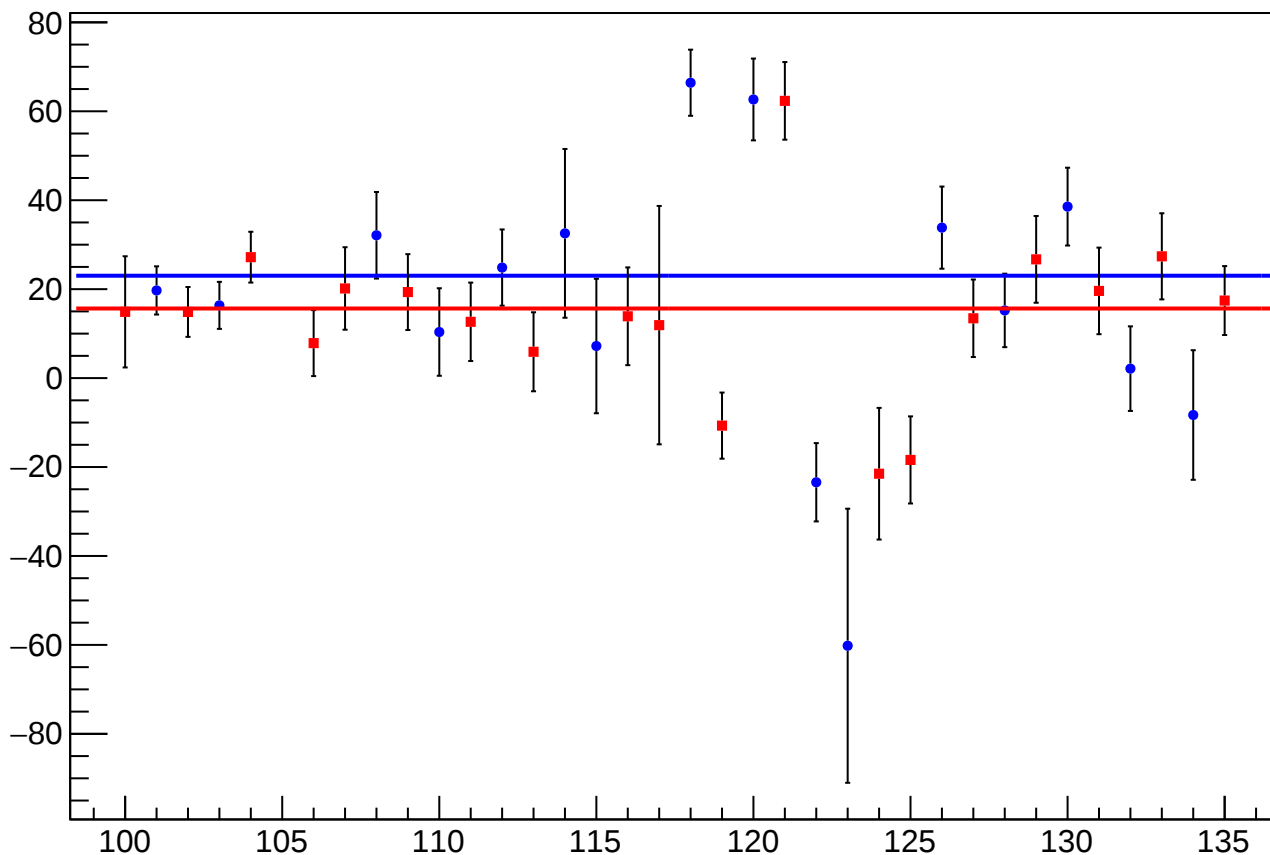
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

78277.527 $\pm$ 15.577 χ^2 /NDF: 495278.1/3

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

diff_bpm0r05Y_mean vs Slug, Sign Corrected



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

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

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

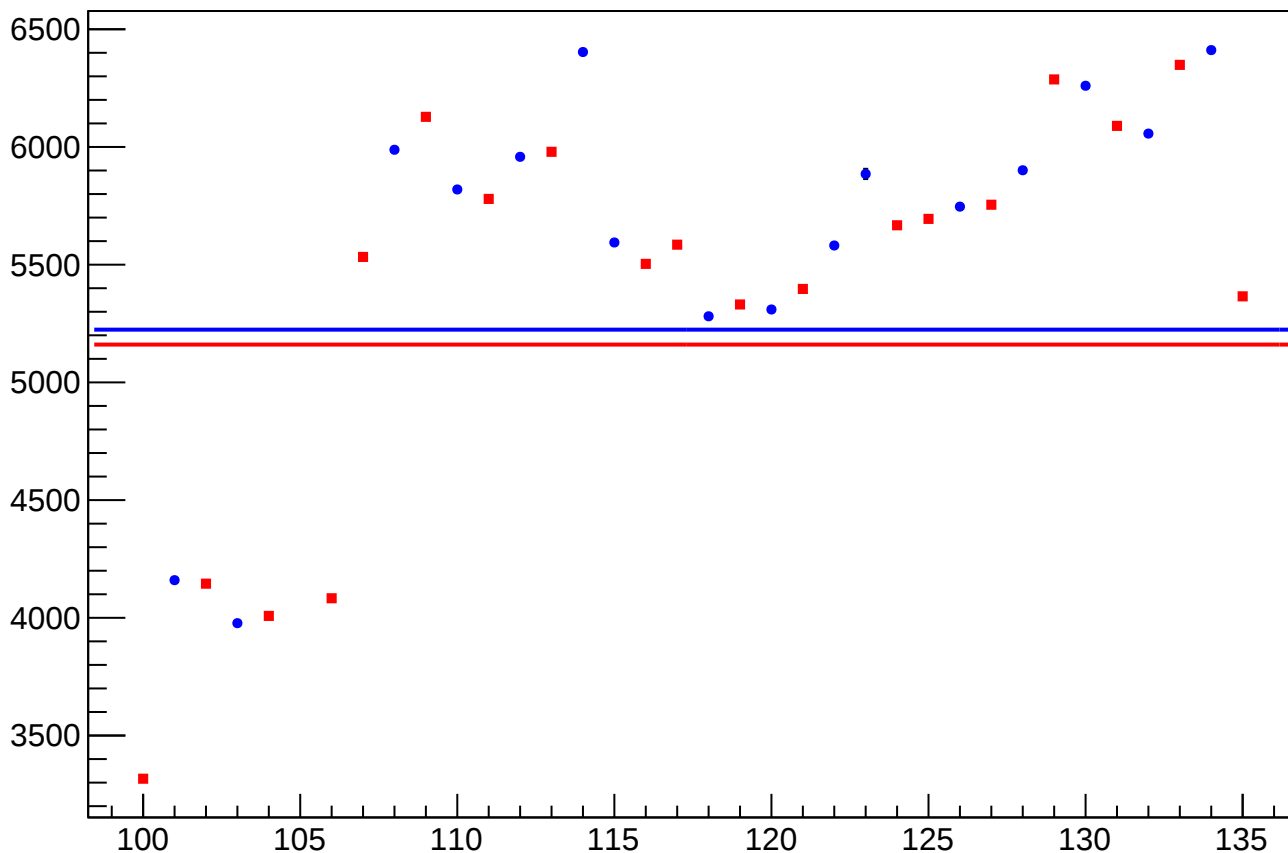
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

23.023+/-2.180 χ^2/NDF : 108.5/15

18.981+/-1.465 χ^2/NDF : 184.3/34

15.648+/-1.979 χ^2/NDF : 69.6/18

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 5224.066 $\pm$ 1.541 χ^2 /NDF: 312492.4/15

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

Right Out: 5160.601 $\pm$ 1.399 χ^2 /NDF: 387412.1/18

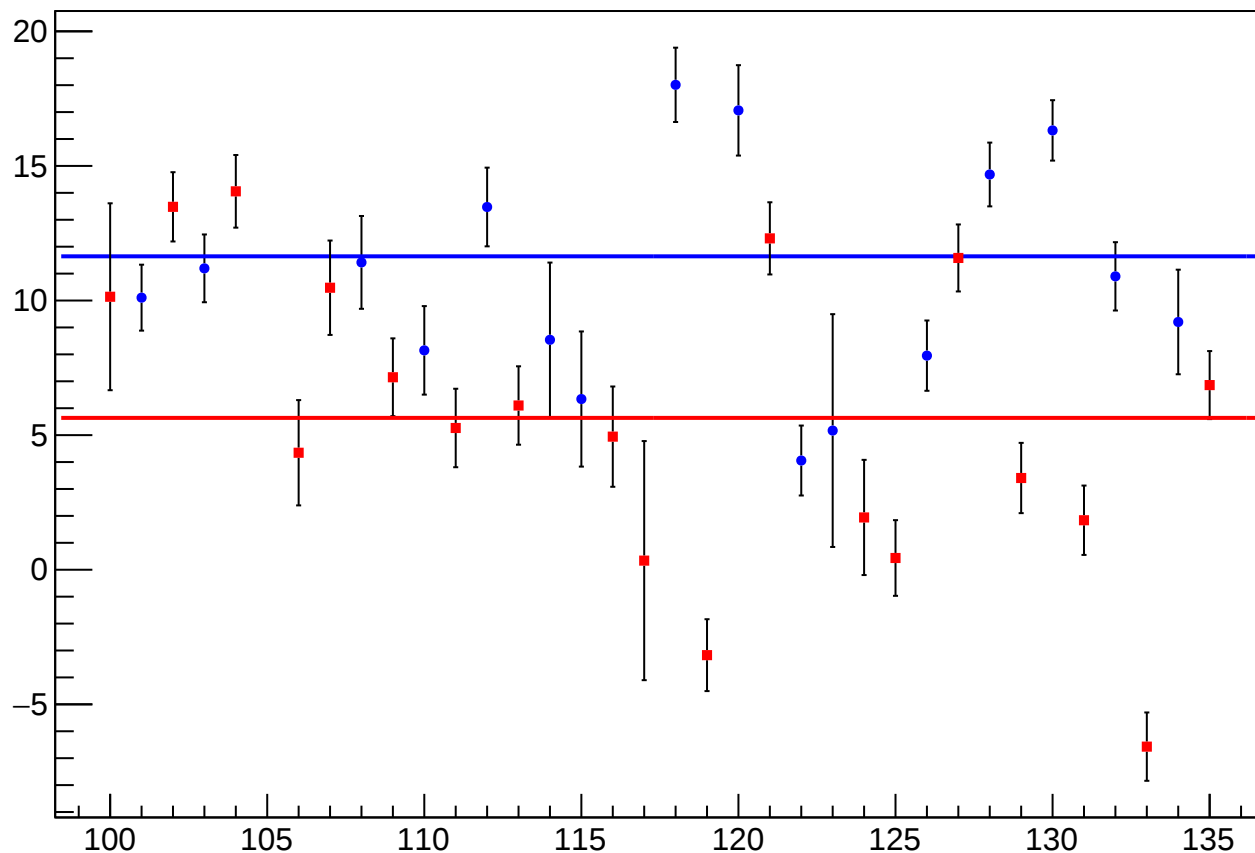
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5224.066 $\pm$ 1.541 χ^2 /NDF: 312492.4/15

5189.278 $\pm$ 1.036 χ^2 /NDF: 700833.9/34

5160.601 $\pm$ 1.399 χ^2 /NDF: 387412.1/18

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.642+/-0.371 χ^2 /NDF: 115.3/15

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

Right Out: 5.641+/-0.343 χ^2 /NDF: 301.5/18

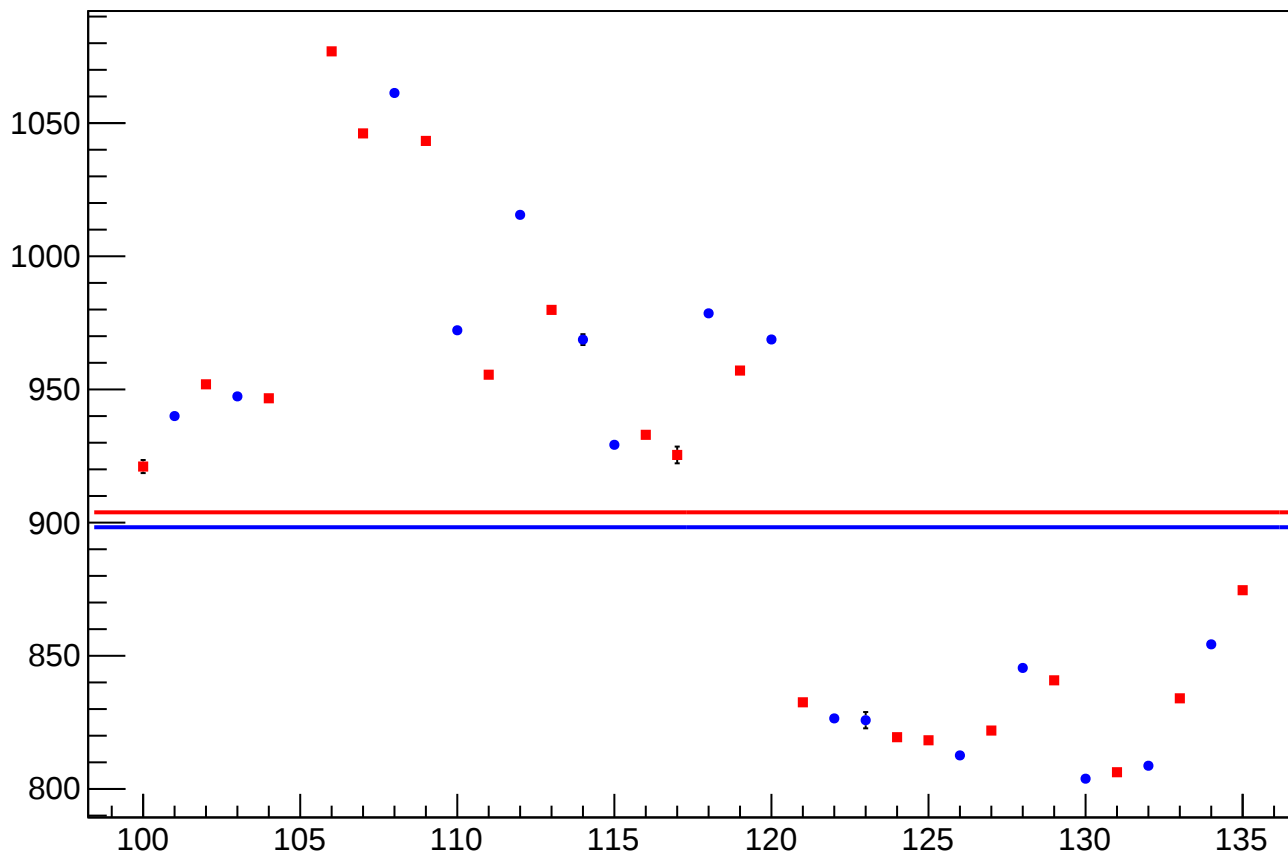
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

11.642+/-0.371 χ^2 /NDF: 115.3/15

8.403+/-0.252 χ^2 /NDF: 557.9/34

5.641+/-0.343 χ^2 /NDF: 301.5/18

diff_bpm2i01X_rms vs Slug, Sign Corrected



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

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

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

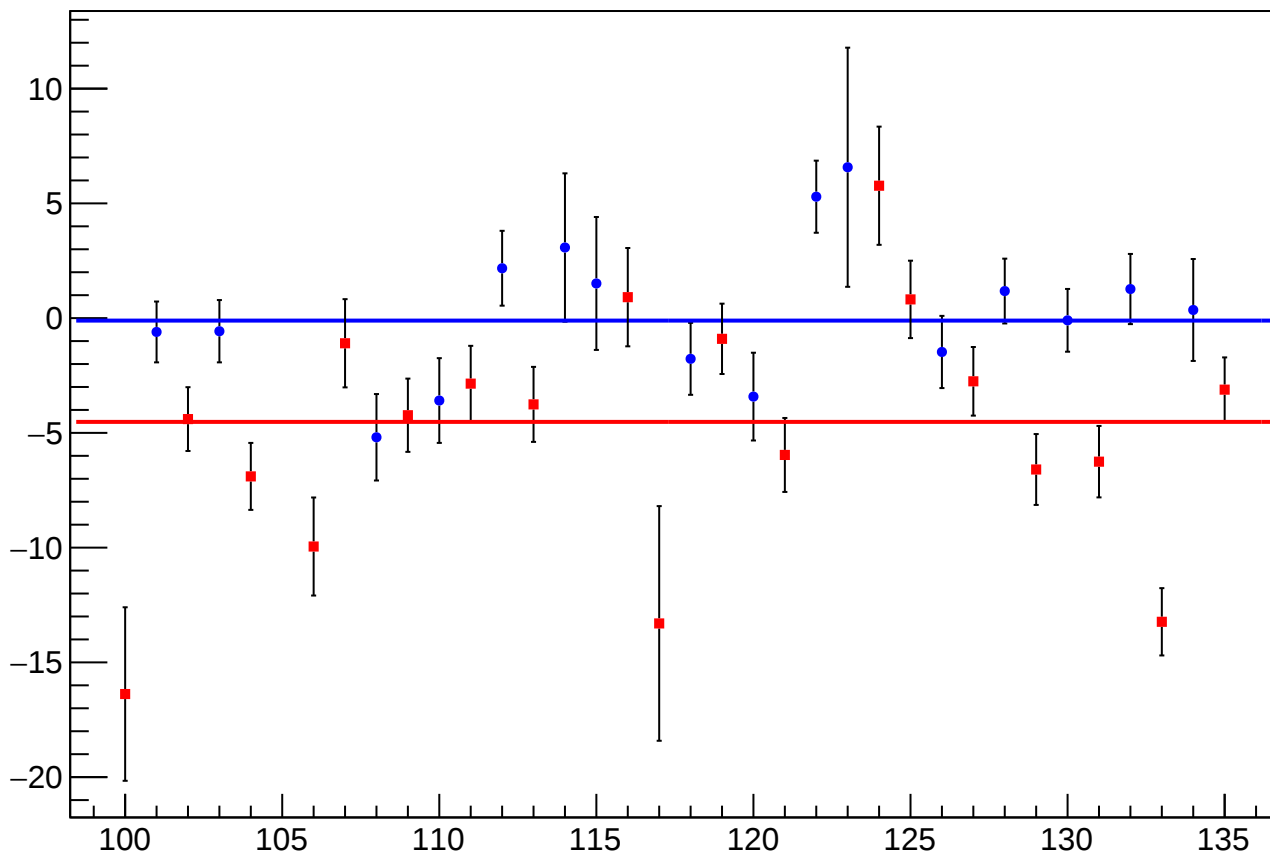
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

901.288 $\pm$ 0.178 χ^2 /NDF: 208736.4/34

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

diff_bpm2i01Y_mean vs Slug, Sign Corrected



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

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

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

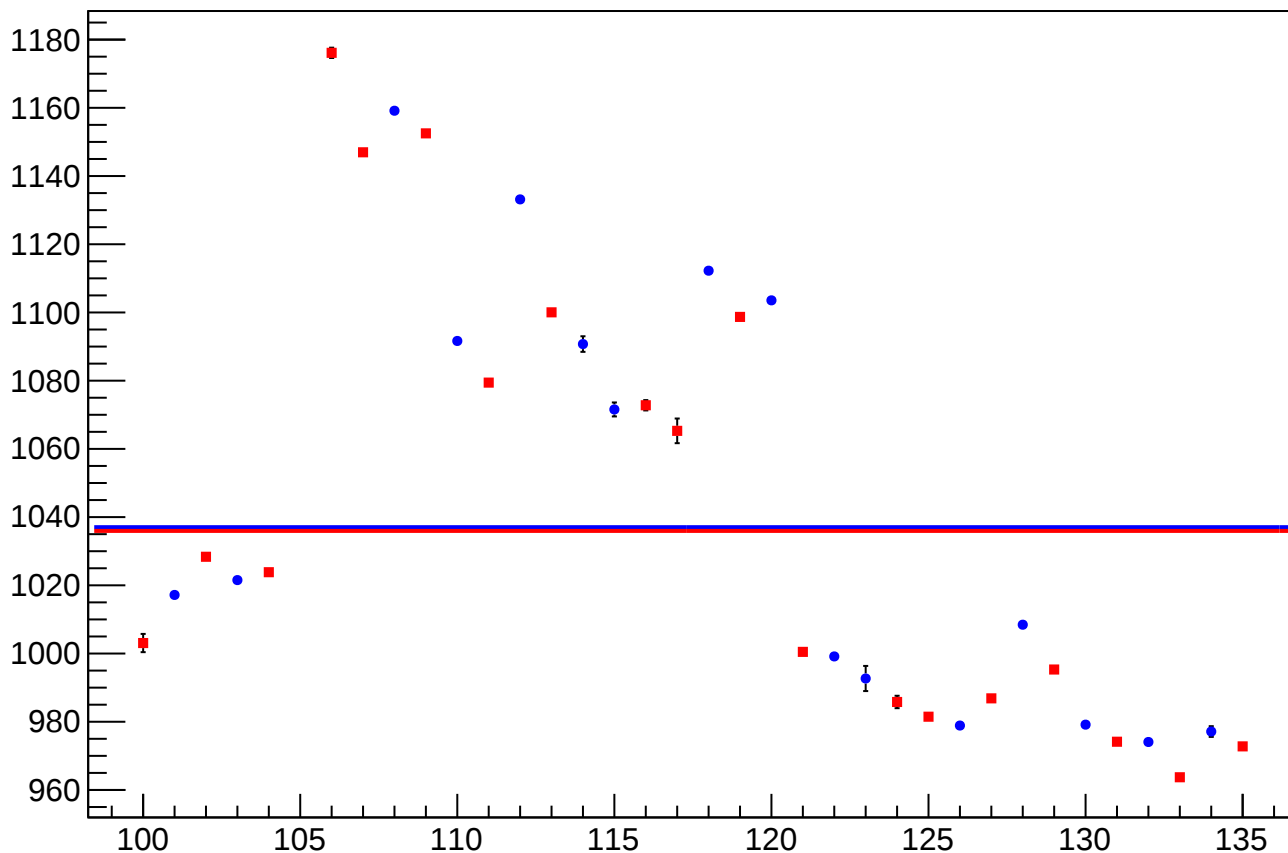
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.107 ± 0.428 χ^2/NDF : 34.4/15

-2.504 ± 0.289 χ^2/NDF : 198.1/34

-4.521 ± 0.392 χ^2/NDF : 105.9/18

diff_bpm2i01Y_rms vs Slug, Sign Corrected



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

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

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

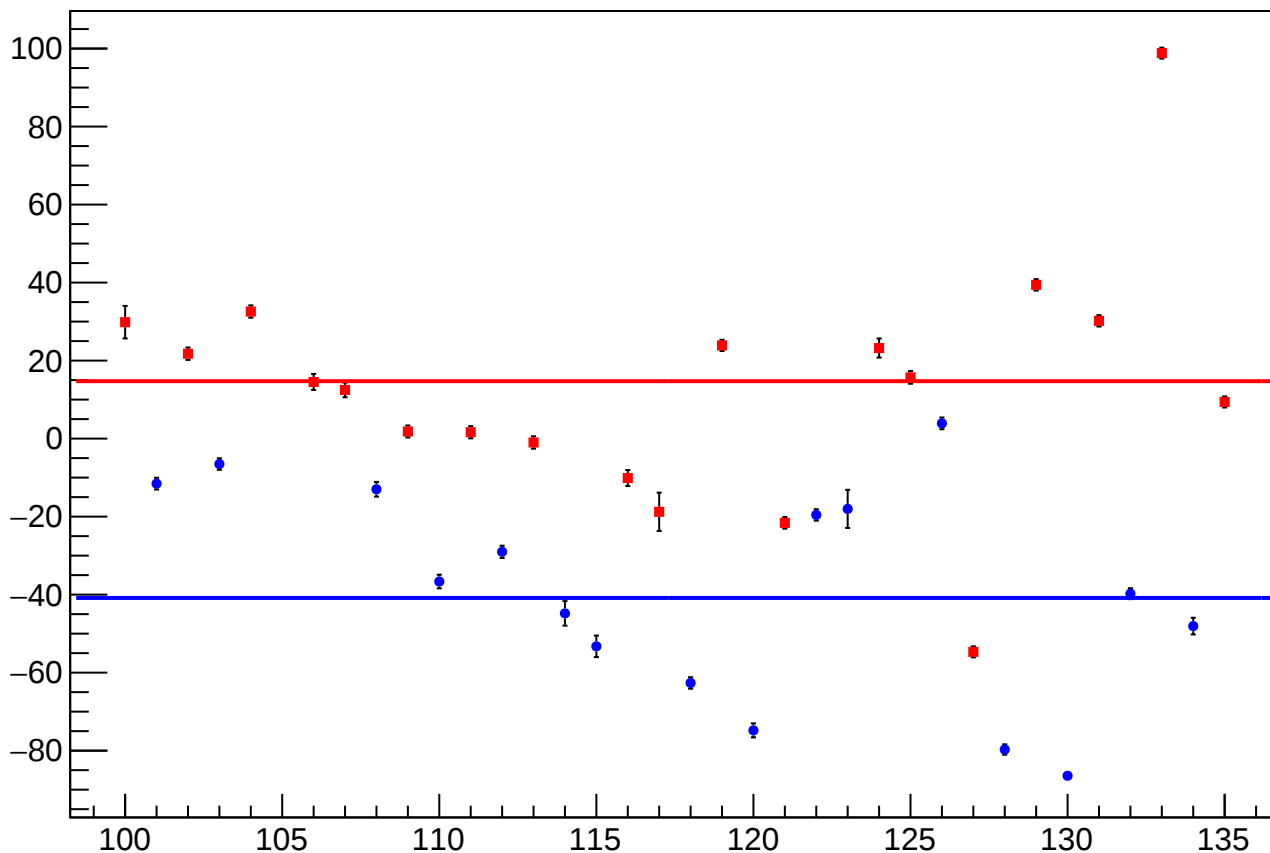
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1036.453 $\pm$ 0.204 χ^2 /NDF: 93158.5/34

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

diff_bpm2i02X_mean vs Slug, Sign Corrected



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

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

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

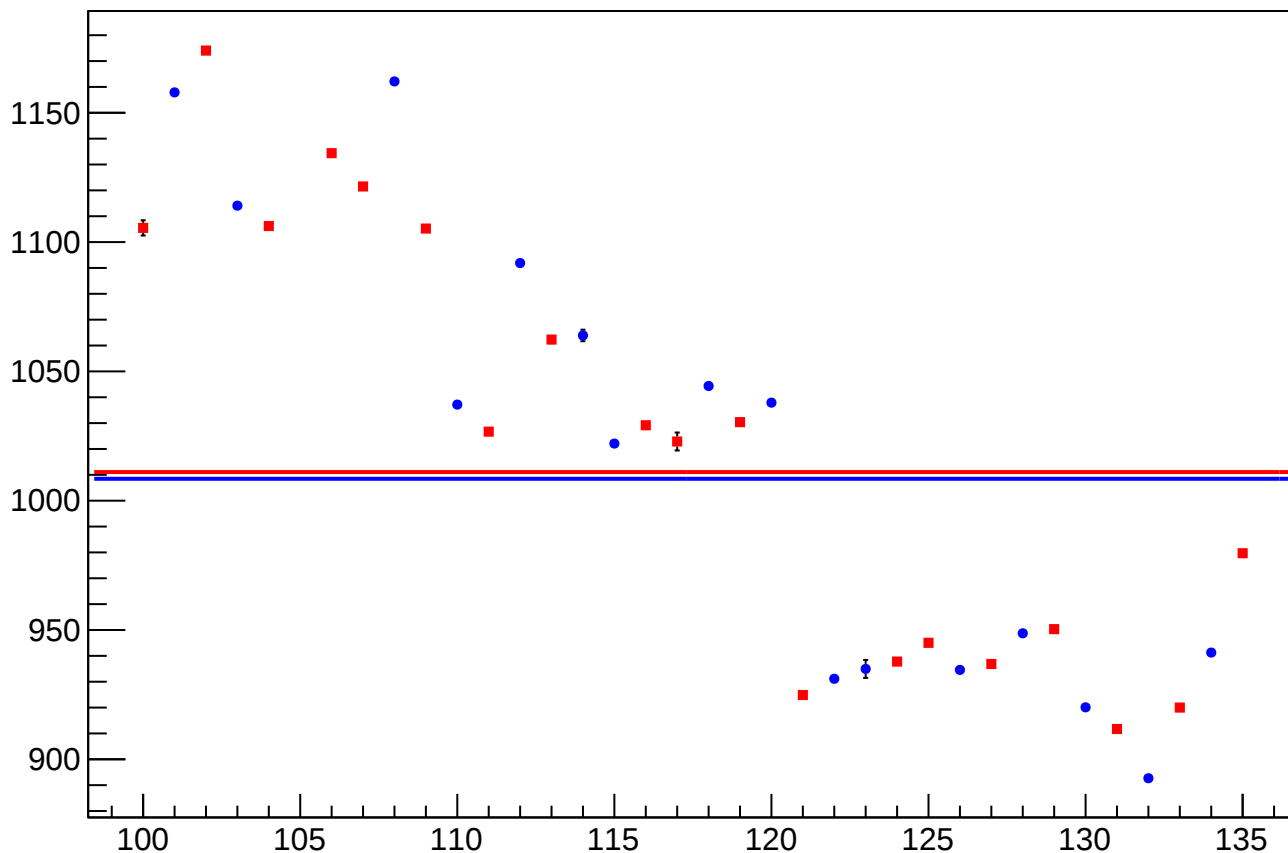
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.846 ± 0.417 χ^2/NDF : 5040.3/15

-10.742 ± 0.282 χ^2/NDF : 22329.6/34

14.724 ± 0.383 χ^2/NDF : 7653.0/18

diff_bpm2i02X_rms vs Slug, Sign Corrected



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

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

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

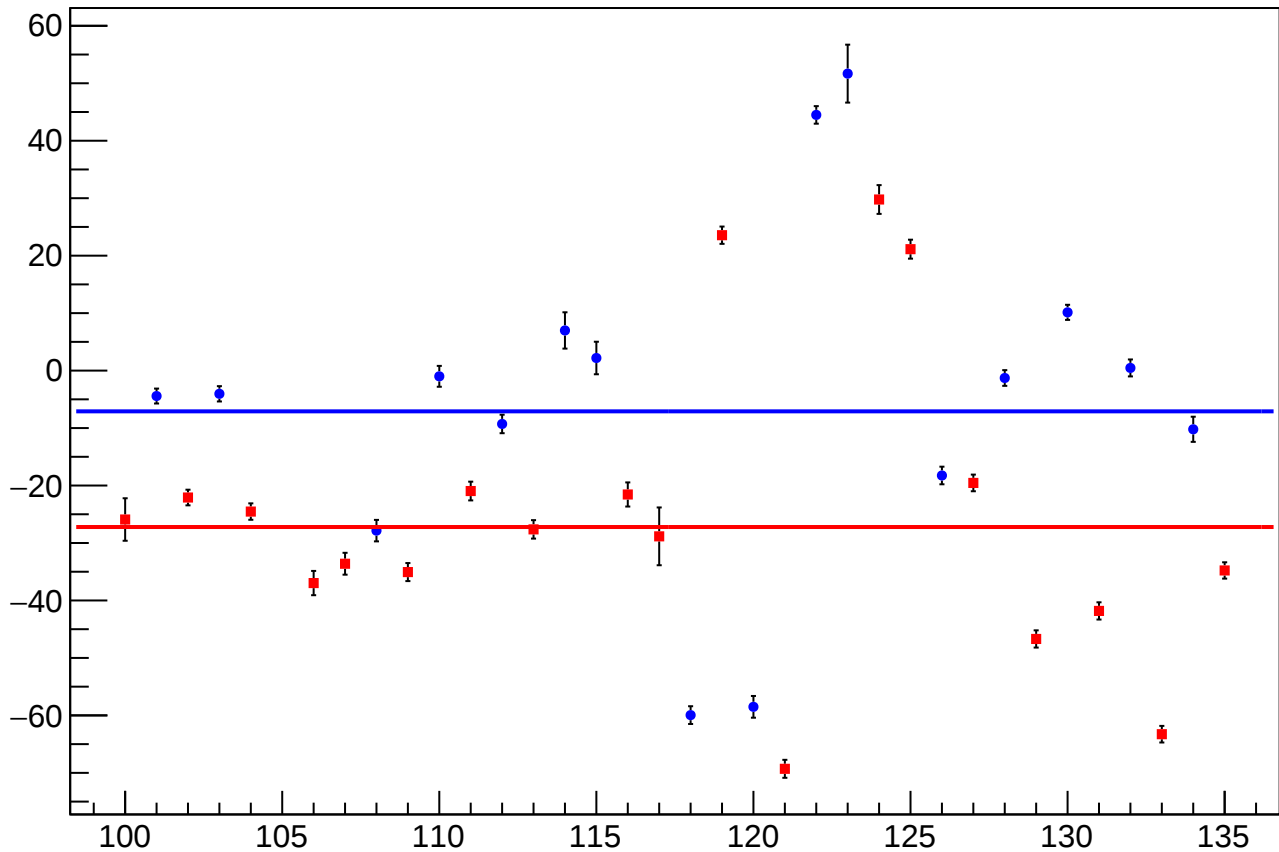
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1008.474+/-0.295 χ^2/NDF : 91620.1/15

1009.887+/-0.199 χ^2/NDF : 184958.4/34

1011.083+/-0.271 χ^2/NDF : 93295.8/18

diff_bpm2i02Y_mean vs Slug, Sign Corrected



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

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

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

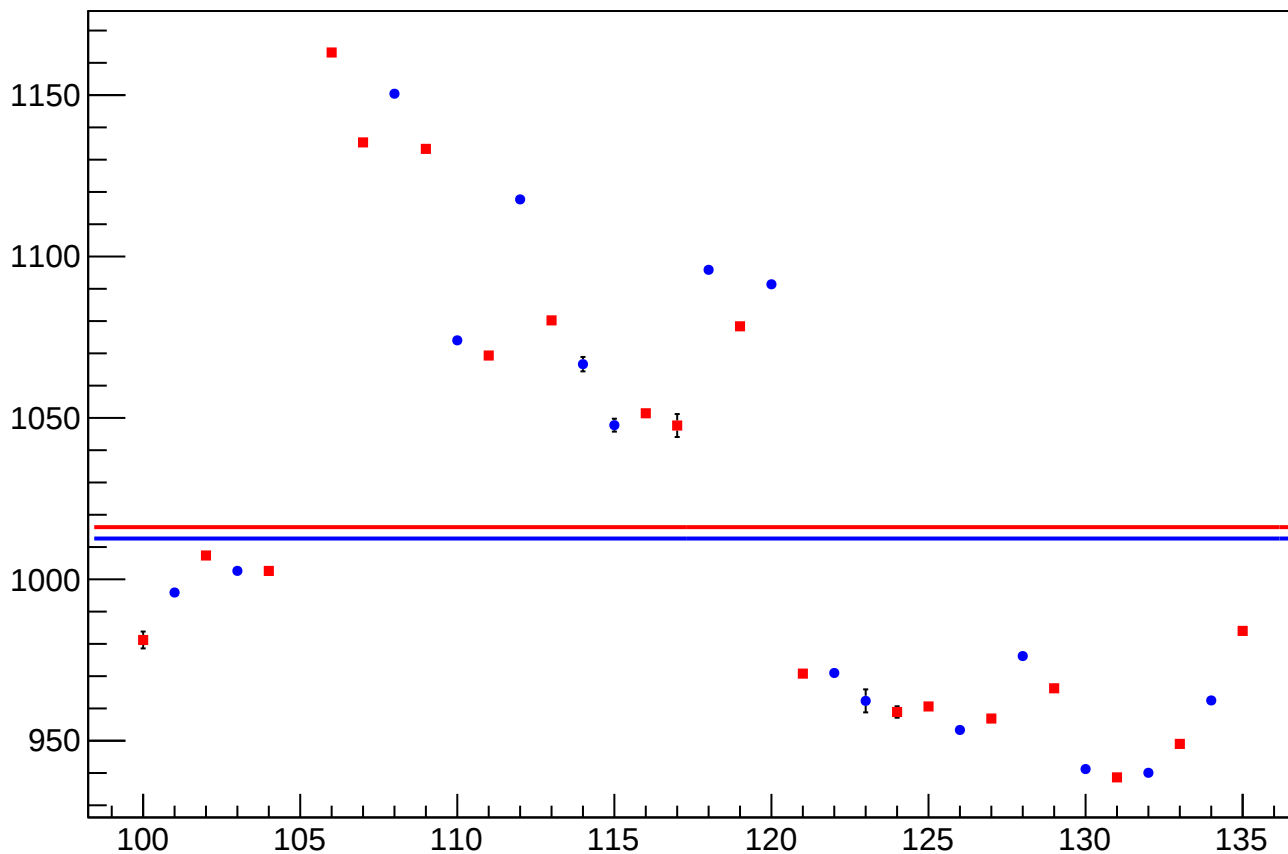
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.091 ± 0.418 χ^2/NDF : 3636.3/15

-17.980 ± 0.283 χ^2/NDF : 9175.0/34

-27.219 ± 0.385 χ^2/NDF : 4281.8/18

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1012.640+/-0.295 χ^2/NDF : 50206.1/15

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

Right Out: 1016.162+/-0.272 χ^2/NDF : 59767.9/18

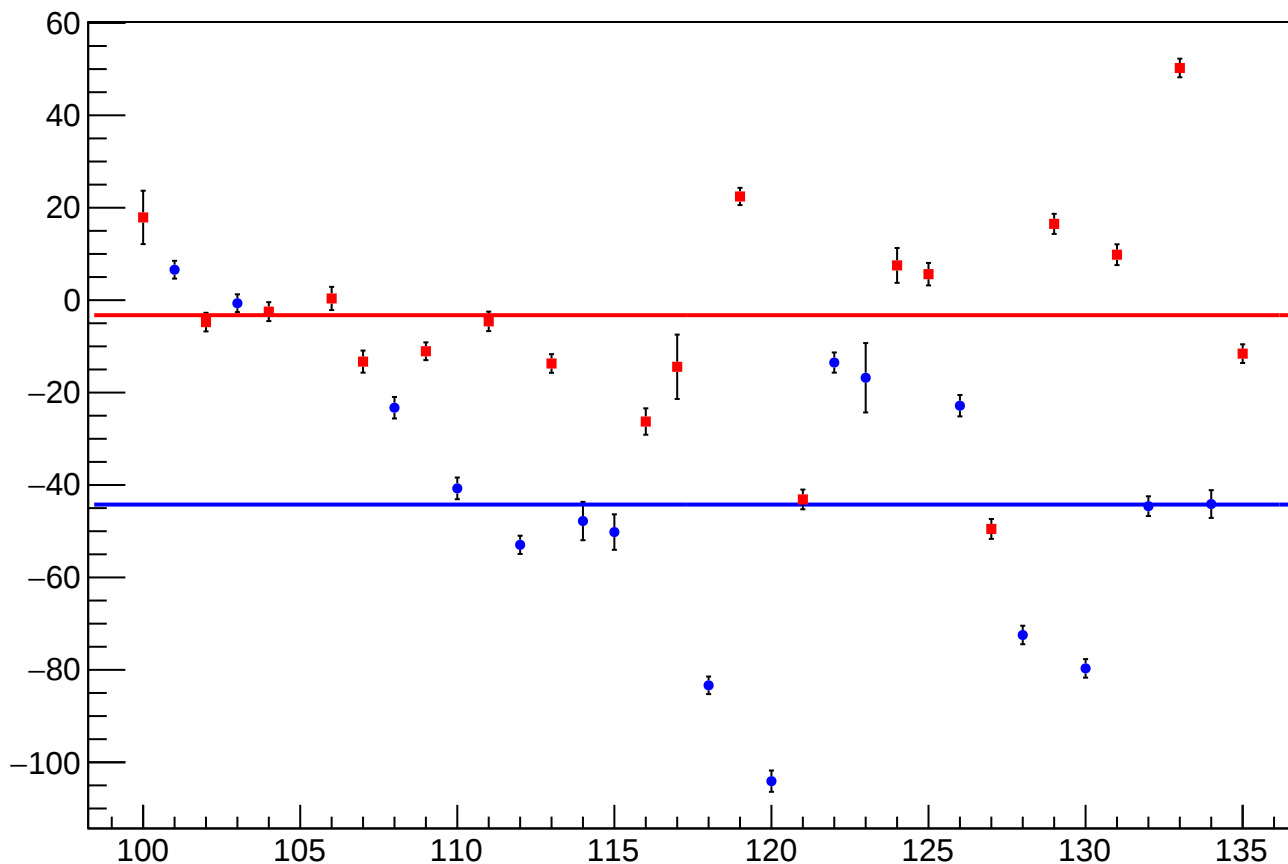
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1012.640+/-0.295 χ^2/NDF : 50206.1/15

1014.546+/-0.200 χ^2/NDF : 110051.0/34

1016.162+/-0.272 χ^2/NDF : 59767.9/18

diff_bpm0i02X_mean vs Slug, Sign Corrected



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

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

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

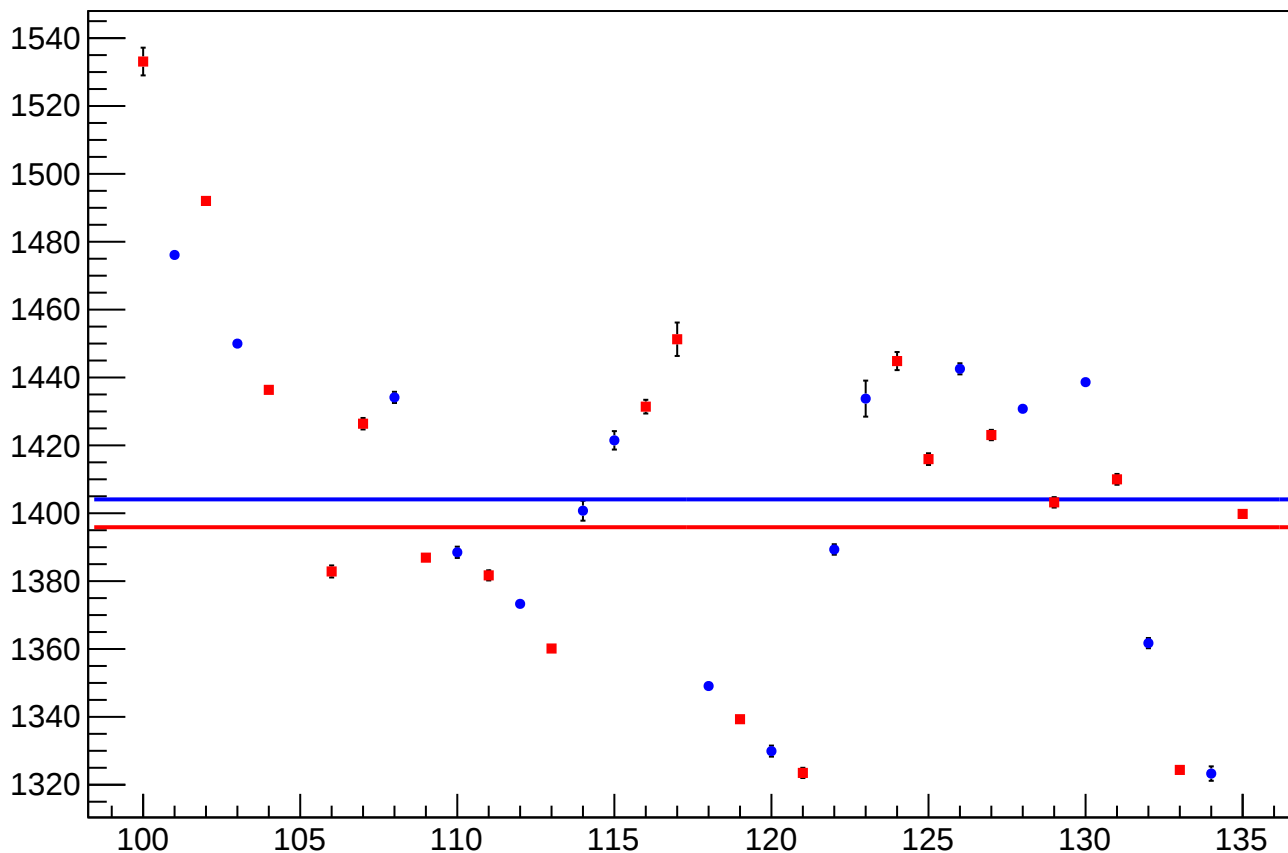
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-44.230+/-0.578 χ^2/NDF : 3221.2/15

-21.875+/-0.390 χ^2/NDF : 7968.5/34

-3.250+/-0.528 χ^2/NDF : 2004.4/18

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1404.083 $\pm$ 0.409 χ^2 /NDF: 12491.5/15

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

Right Out: 1395.883 $\pm$ 0.373 χ^2 /NDF: 15591.8/18

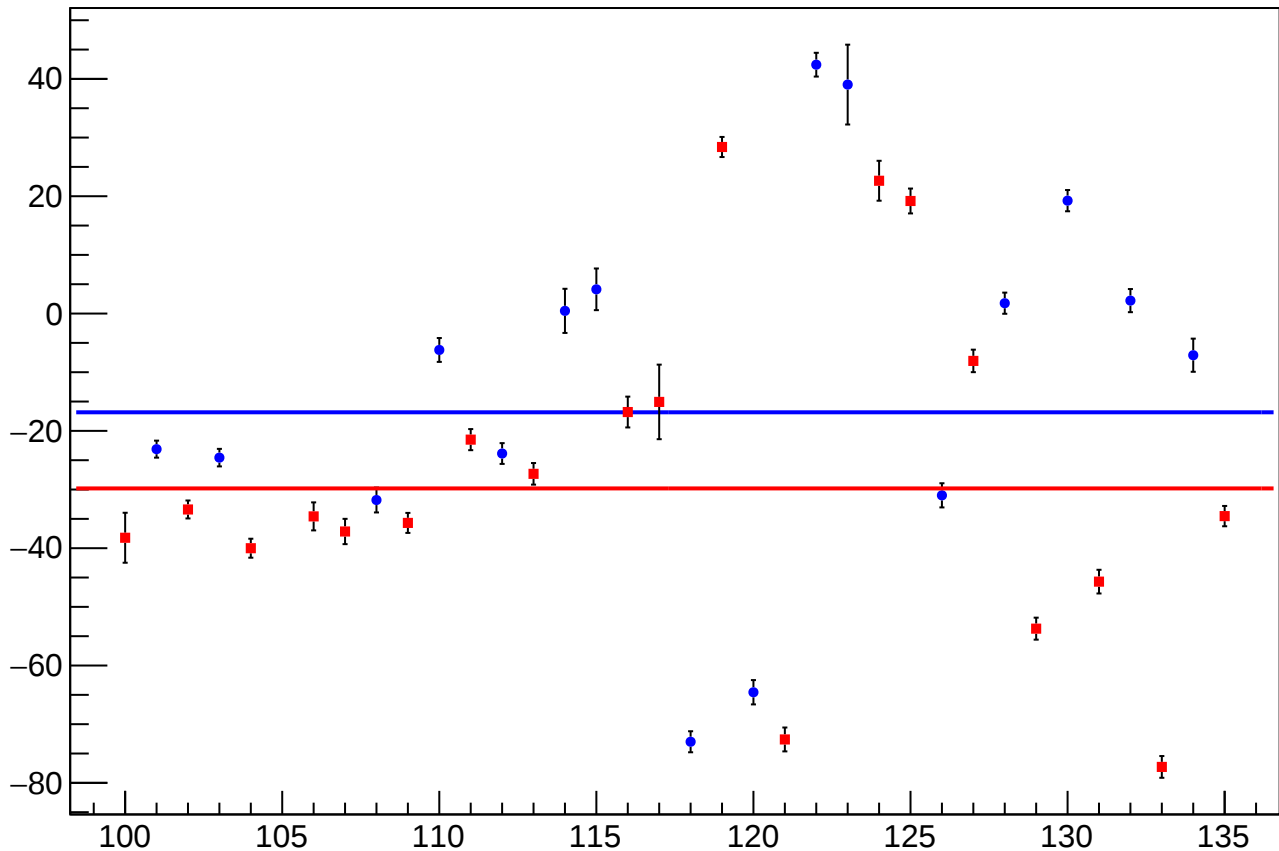
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1404.083 $\pm$ 0.409 χ^2 /NDF: 12491.5/15

1399.610 $\pm$ 0.275 χ^2 /NDF: 28302.9/34

1395.883 $\pm$ 0.373 χ^2 /NDF: 15591.8/18

diff_bpm0i02Y_mean vs Slug, Sign Corrected



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

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

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

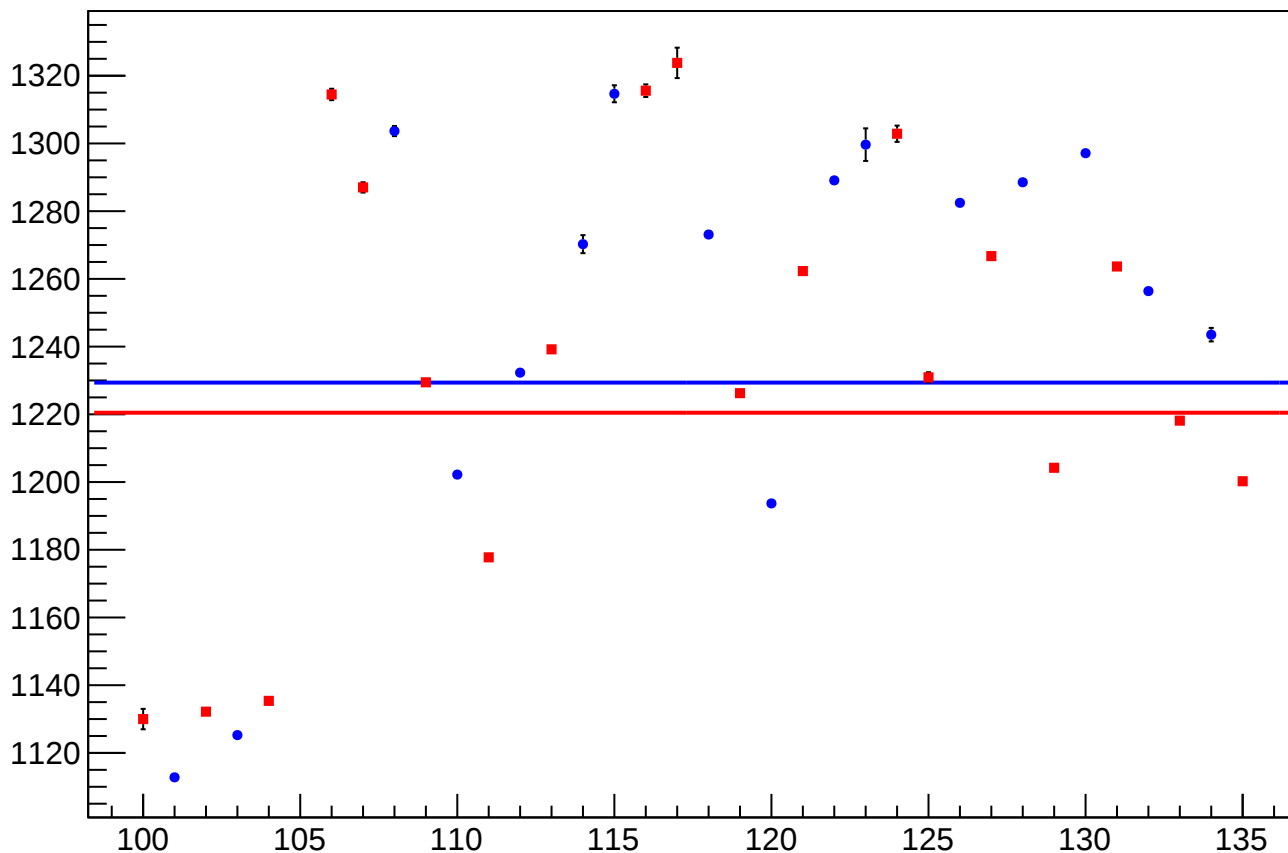
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.834+/-0.507 χ^2/NDF : 3283.8/15

-23.923+/-0.341 χ^2/NDF : 7156.8/34

-29.811+/-0.462 χ^2/NDF : 3514.6/18

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1229.371+/-0.358 χ^2/NDF : 37270.7/15

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

Right Out: 1220.470+/-0.327 χ^2/NDF : 27235.8/18

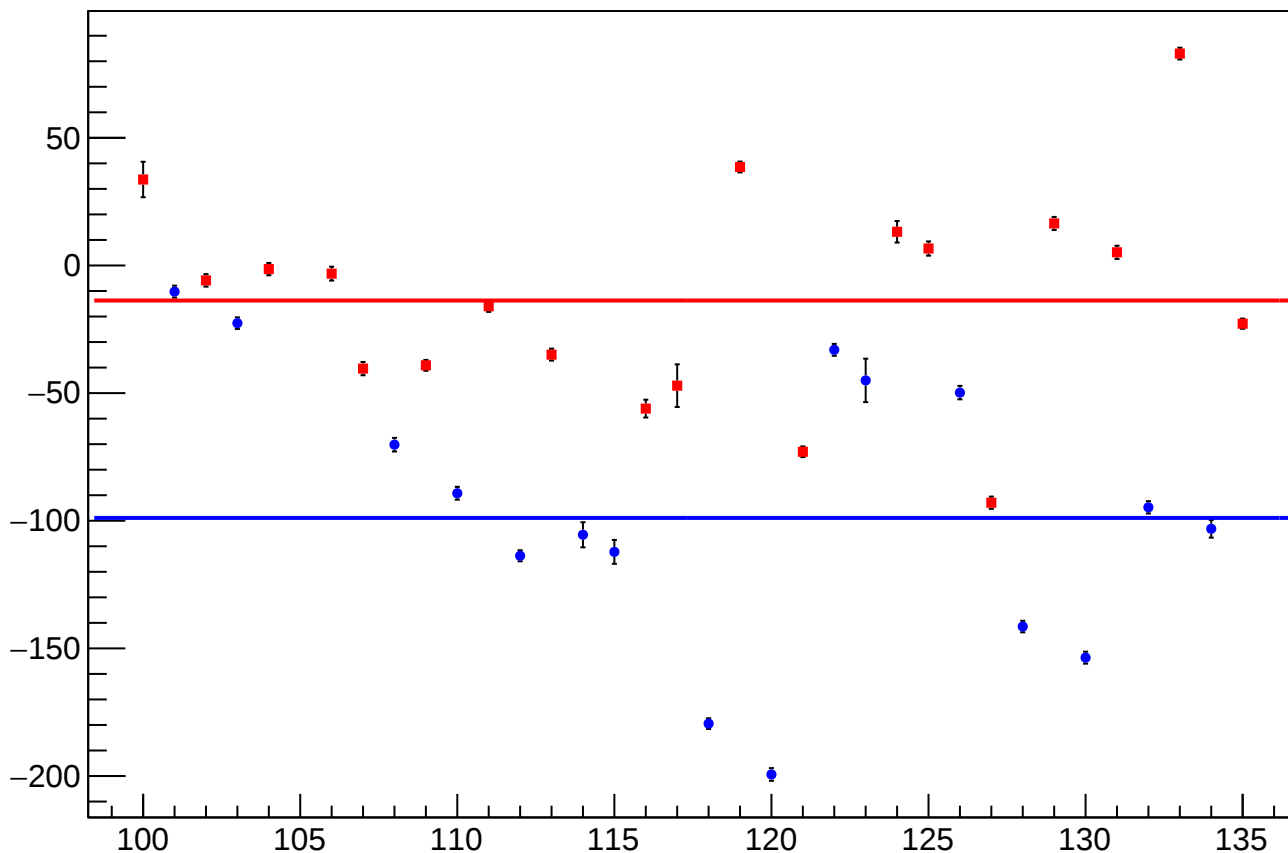
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1229.371+/-0.358 χ^2/NDF : 37270.7/15

1224.508+/-0.241 χ^2/NDF : 64843.6/34

1220.470+/-0.327 χ^2/NDF : 27235.8/18

diff_bpm0i02aX_mean vs Slug, Sign Corrected



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

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

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

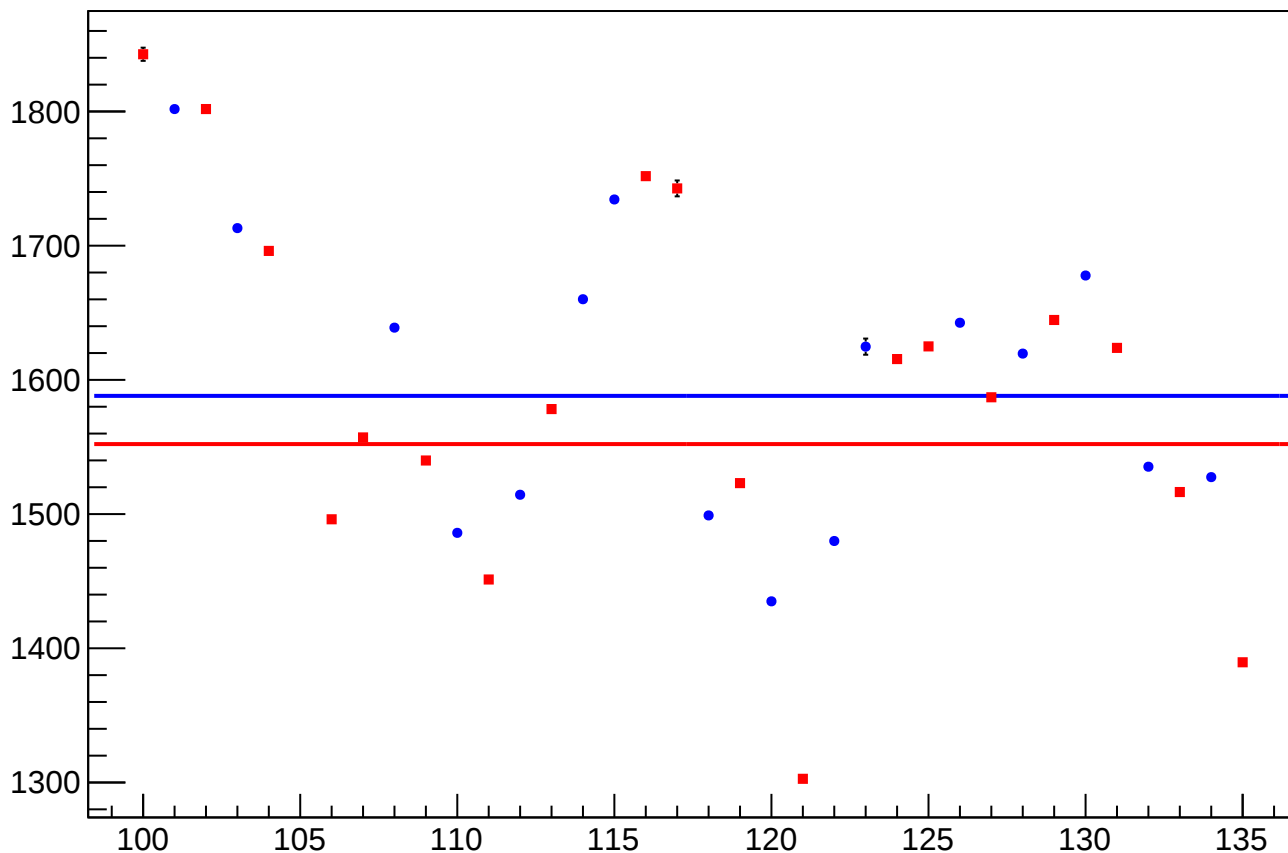
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-98.886 ± 0.655 χ^2/NDF : 7914.2/15

-51.754 ± 0.438 χ^2/NDF : 22413.8/34

-13.728 ± 0.588 χ^2/NDF : 5144.1/18

diff_bpm0i02aX_rms vs Slug, Sign Corrected



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

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

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

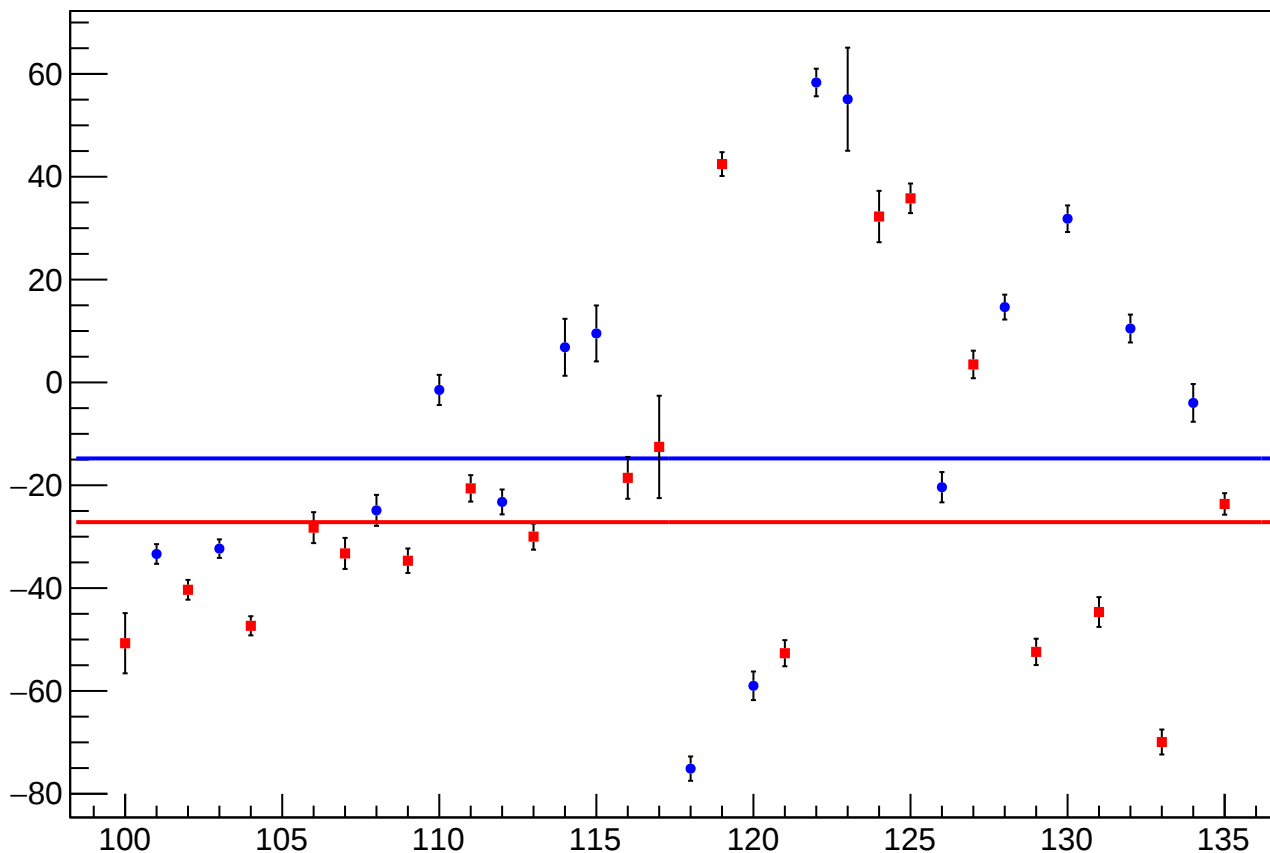
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1568.204 $\pm$ 0.309 χ^2 /NDF: 148931.1/34

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

diff_bpm0i02aY_mean vs Slug, Sign Corrected



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

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

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

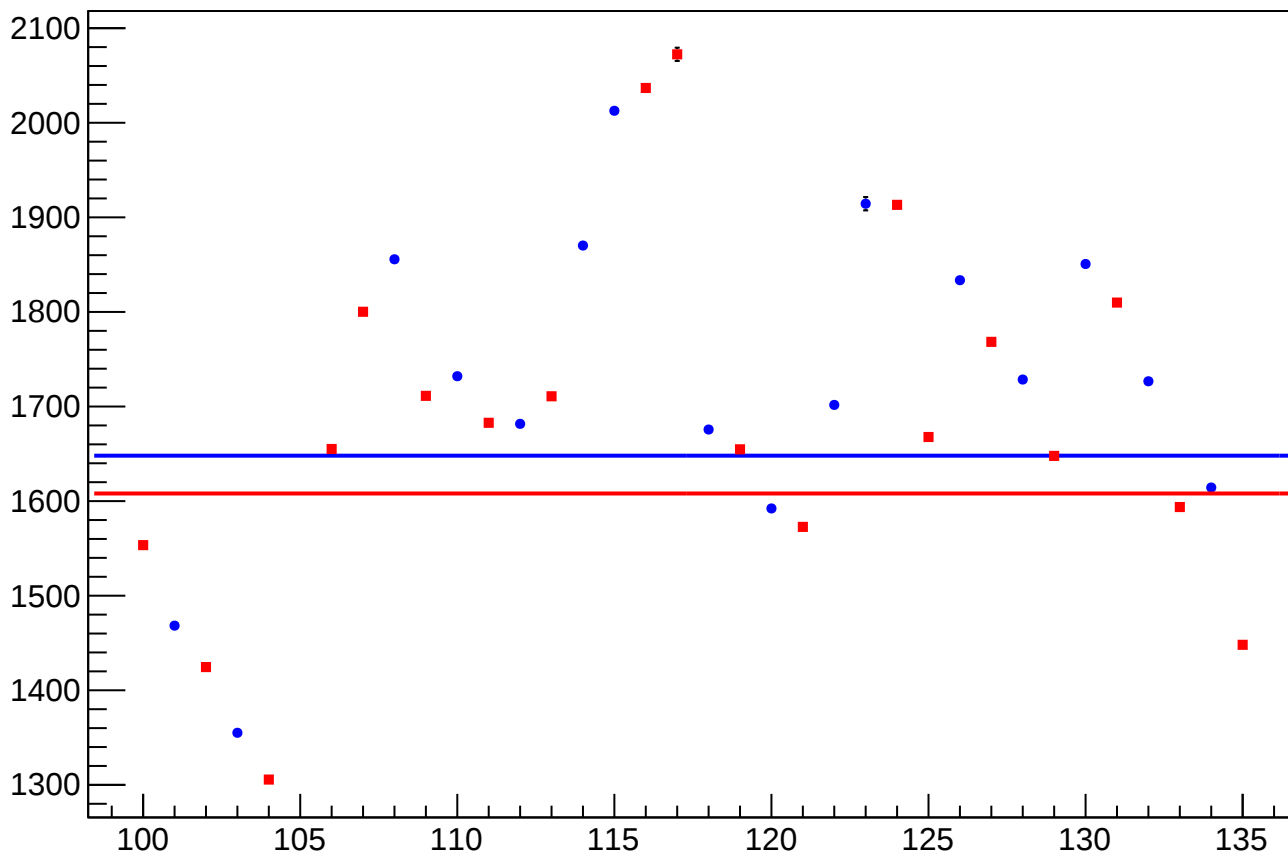
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.781+/-0.683 χ^2/NDF : 2533.8/15

-21.652+/-0.456 χ^2/NDF : 5128.9/34

-27.171+/-0.612 χ^2/NDF : 2412.3/18

diff_bpm0i02aY_rms vs Slug, Sign Corrected



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

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

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

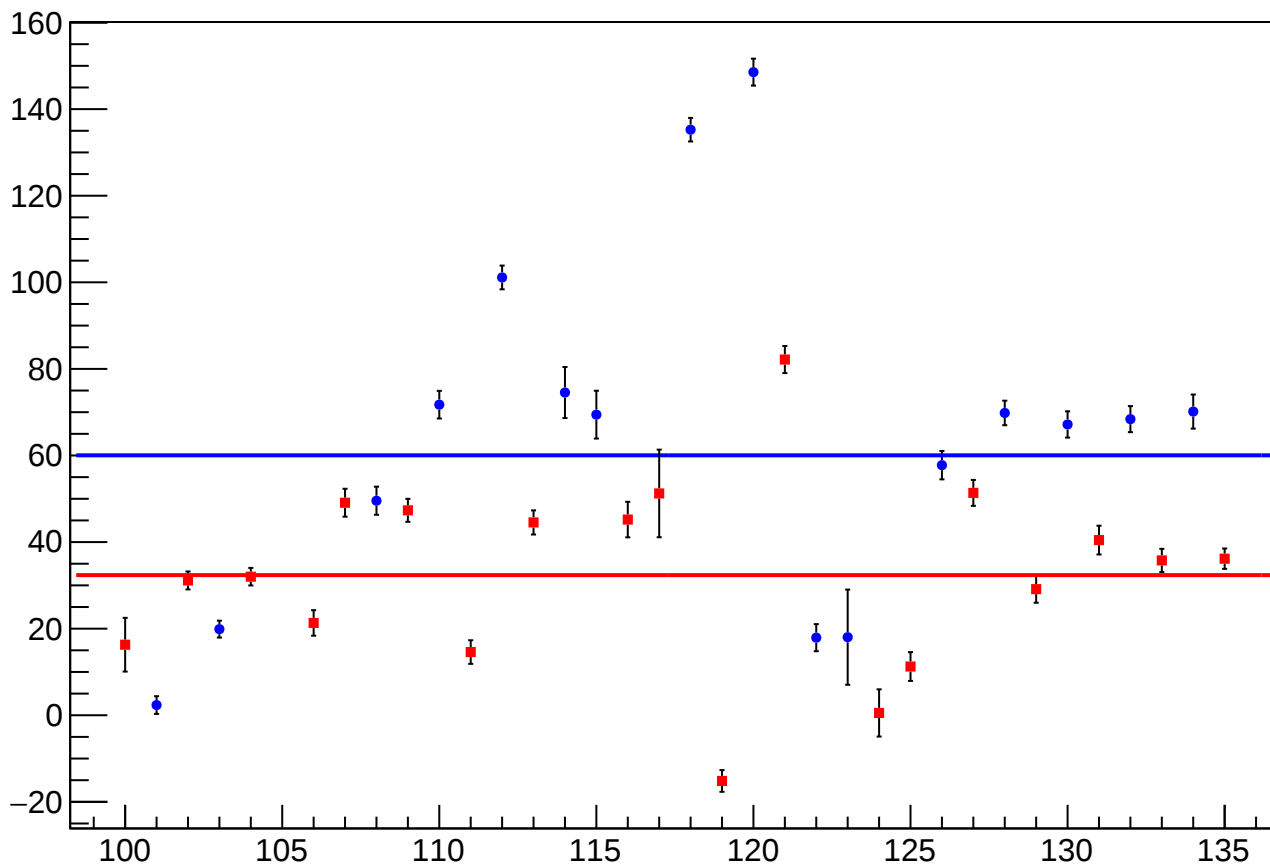
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1625.871 $\pm$ 0.322 χ^2 /NDF: 279282.6/34

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

diff_bpm0i05X_mean vs Slug, Sign Corrected



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

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

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

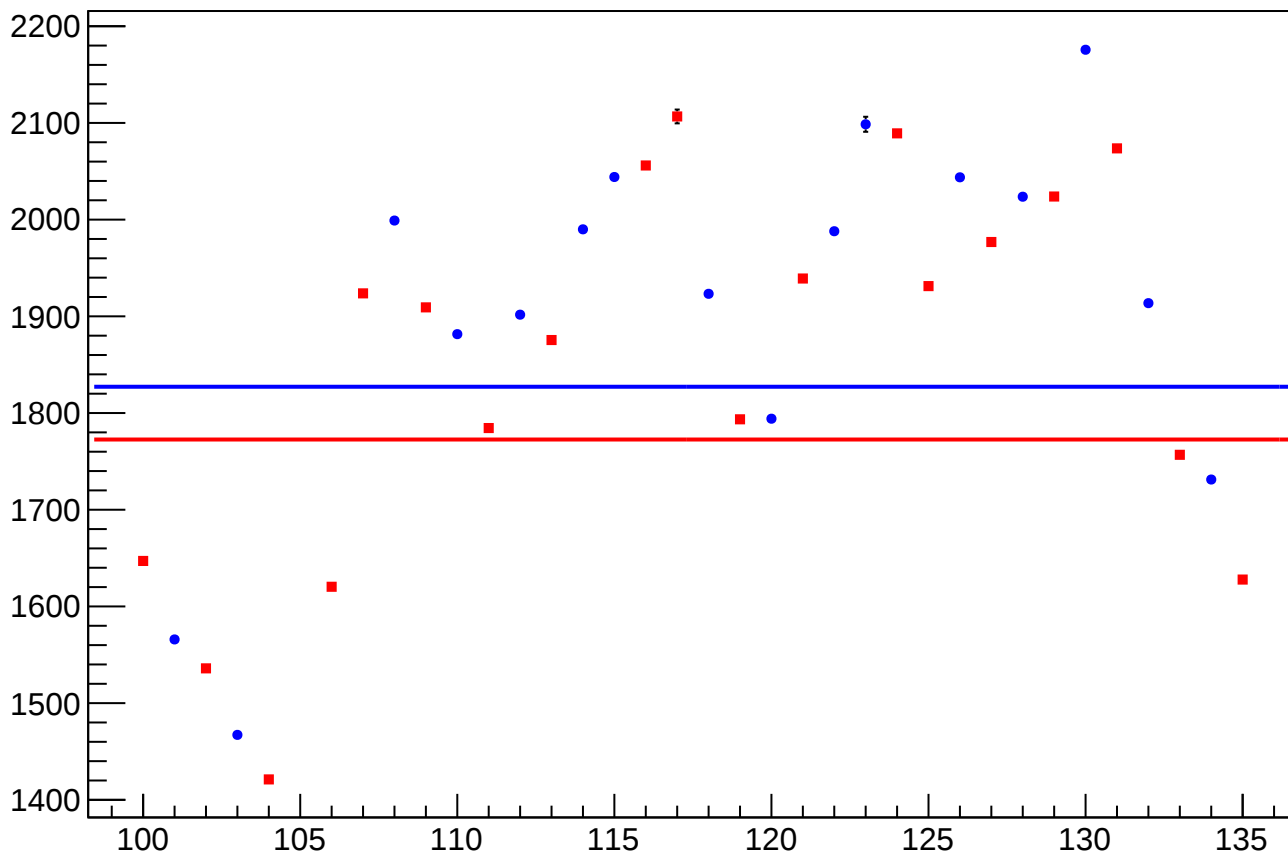
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

60.037+/-0.758 χ^2 /NDF: 3282.9/15

44.598+/-0.504 χ^2 /NDF: 4920.5/34

32.371+/-0.675 χ^2 /NDF: 894.2/18

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1827.185+/-0.536 χ^2/NDF : 169819.2/15

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

Right Out: 1772.615+/-0.477 χ^2/NDF : 179801.3/18

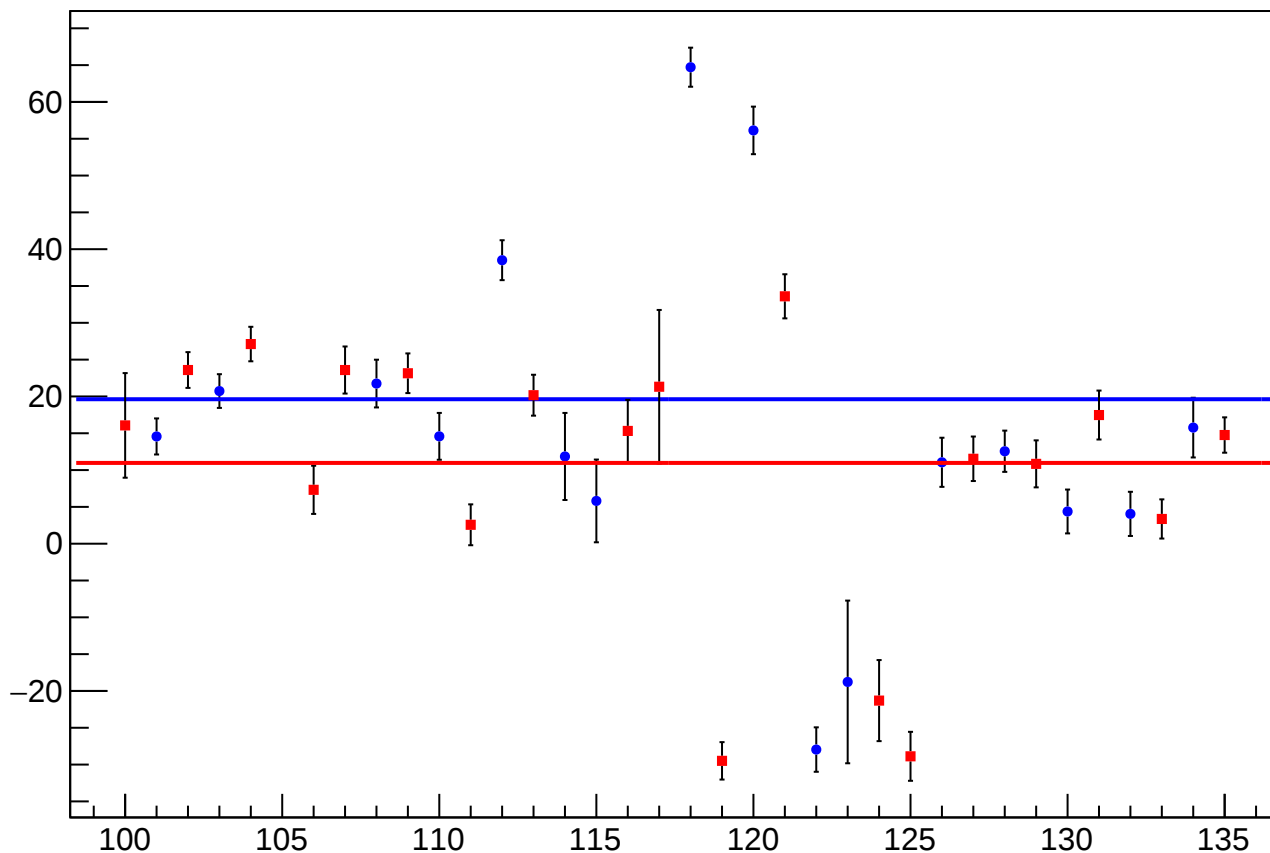
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1827.185+/-0.536 χ^2/NDF : 169819.2/15

1796.733+/-0.356 χ^2/NDF : 355404.6/34

1772.615+/-0.477 χ^2/NDF : 179801.3/18

diff_bpm0i05Y_mean vs Slug, Sign Corrected



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

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

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

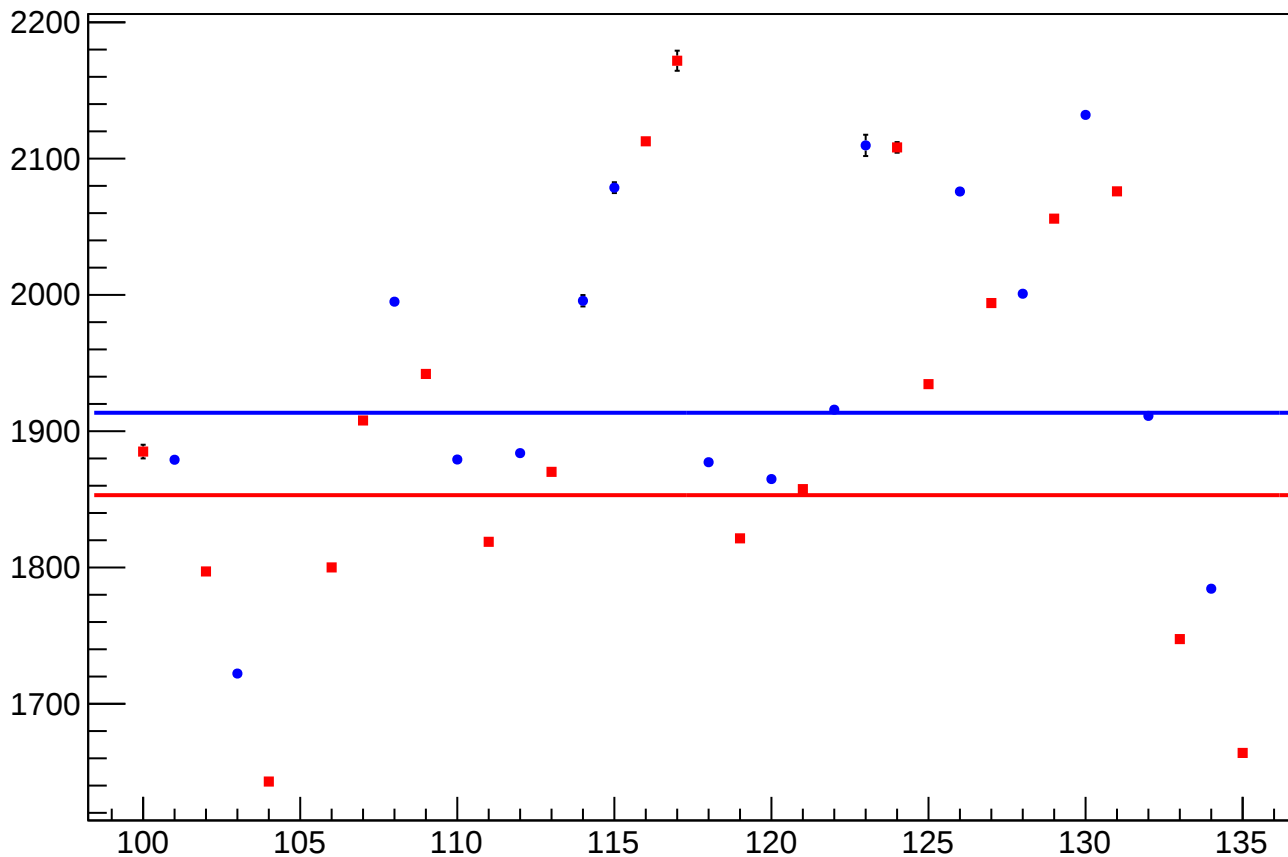
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.622+/-0.789 χ^2 /NDF: 808.2/15

14.794+/-0.525 χ^2 /NDF: 1512.7/34

10.971+/-0.702 χ^2 /NDF: 637.5/18

diff_bpm0i05Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1853.078 $\pm$ 0.497 χ^2 /NDF: 73101.8/18

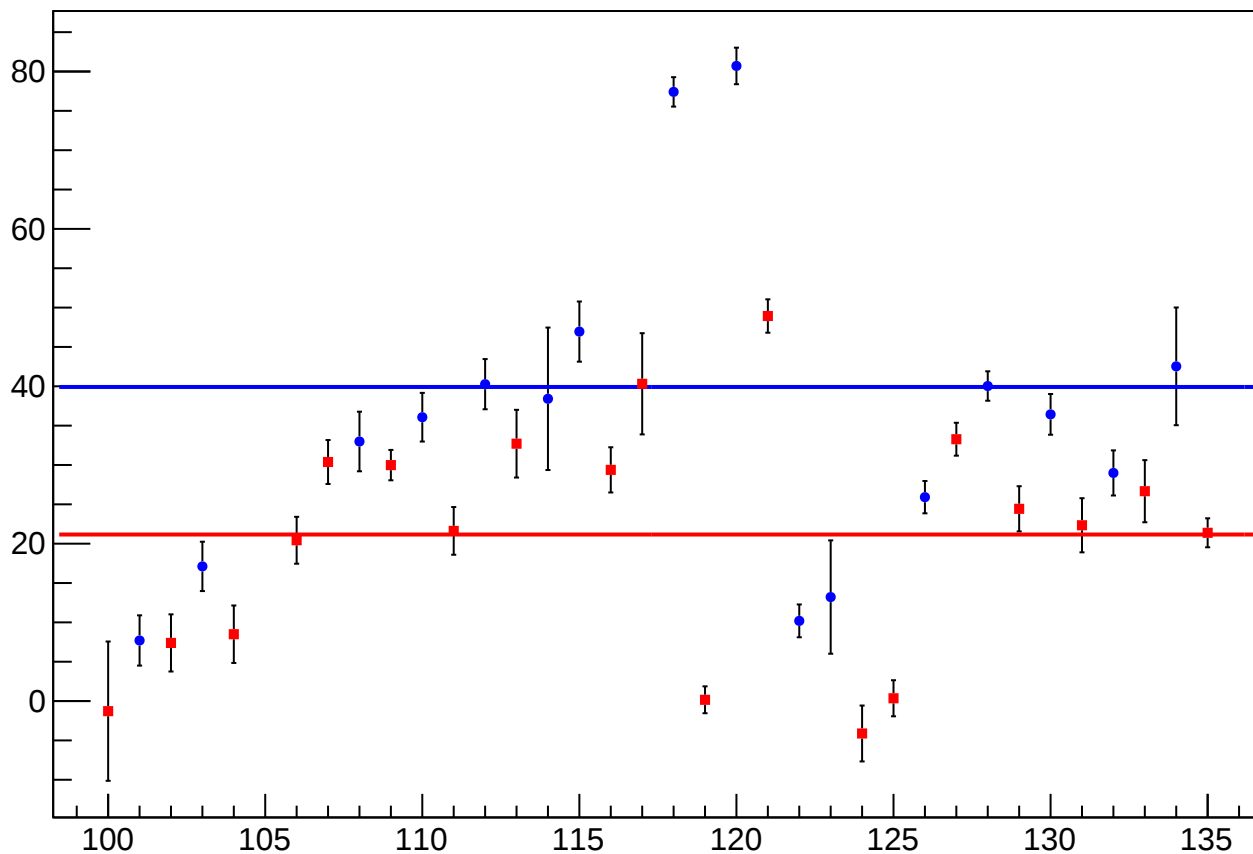
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1879.792 $\pm$ 0.371 χ^2 /NDF: 118793.4/34

1853.078 $\pm$ 0.497 χ^2 /NDF: 73101.8/18

diff_bpm0i07X_mean vs Slug, Sign Corrected



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

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

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

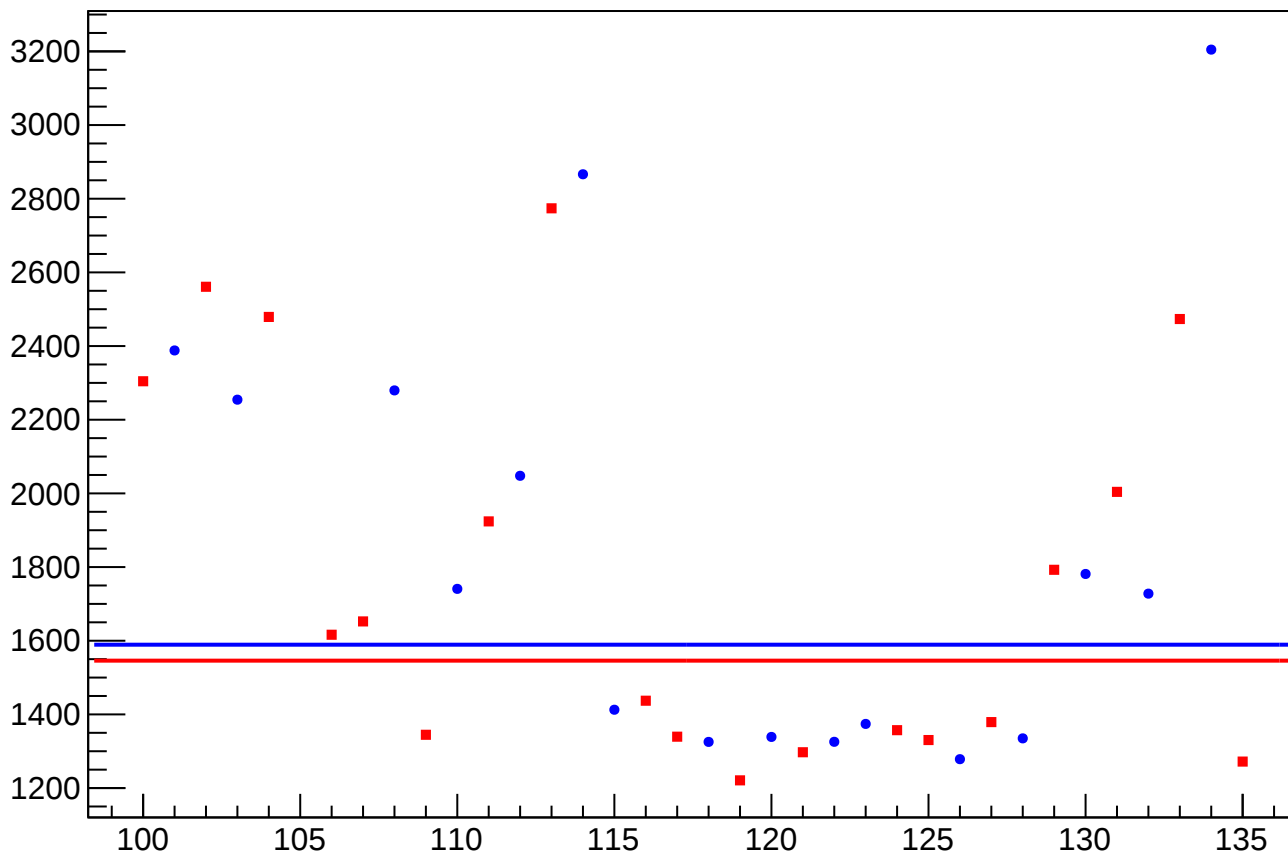
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

39.914+/-0.693 χ^2 /NDF: 1153.2/15

29.491+/-0.462 χ^2 /NDF: 2142.1/34

21.164+/-0.619 χ^2 /NDF: 581.4/18

diff_bpm0i07X_rms vs Slug, Sign Corrected



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

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

Right Out: 1545.932 $\pm$ 0.438 χ^2 /NDF: 867235.4/18

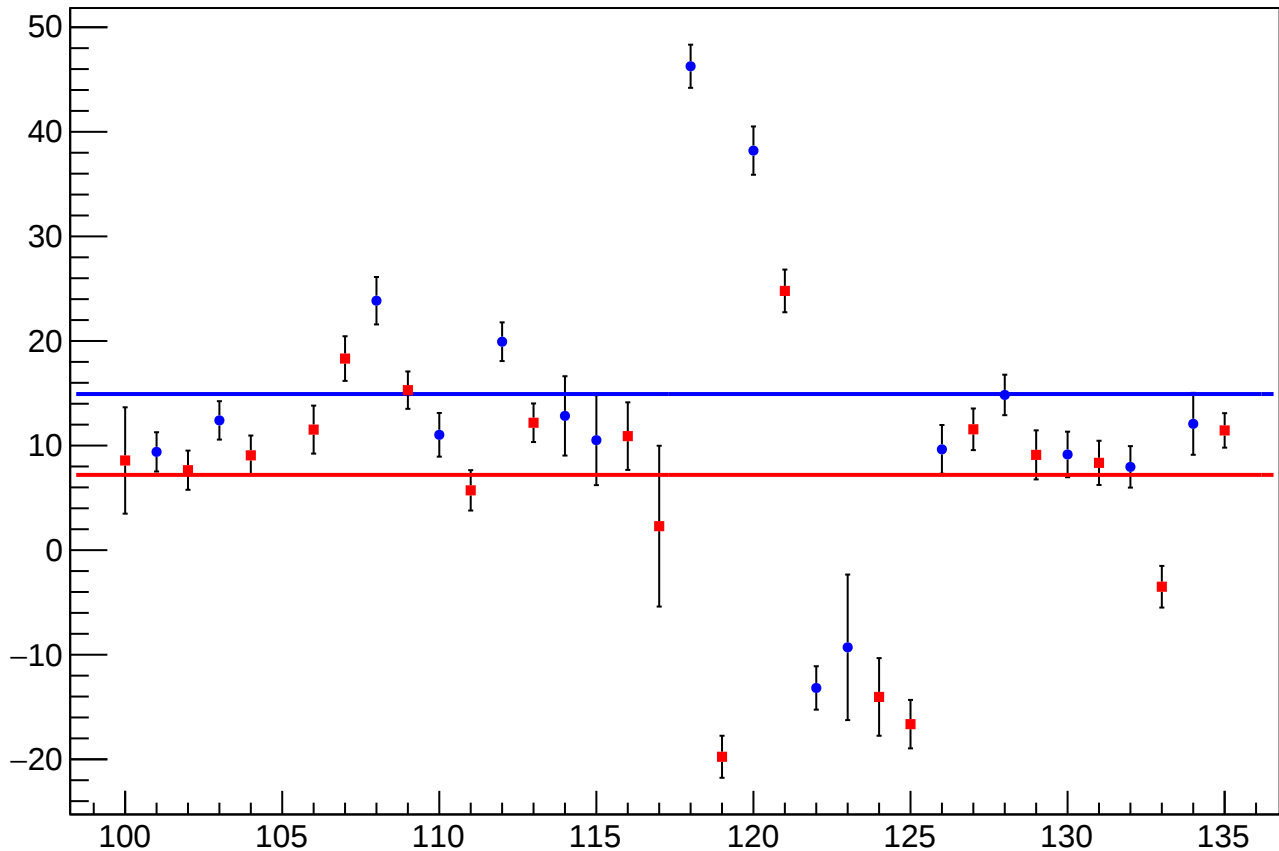
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1565.164 $\pm$ 0.326 χ^2 /NDF: 1531951.1/34

1545.932 $\pm$ 0.438 χ^2 /NDF: 867235.4/18

diff_bpm0i07Y_mean vs Slug, Sign Corrected



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

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

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

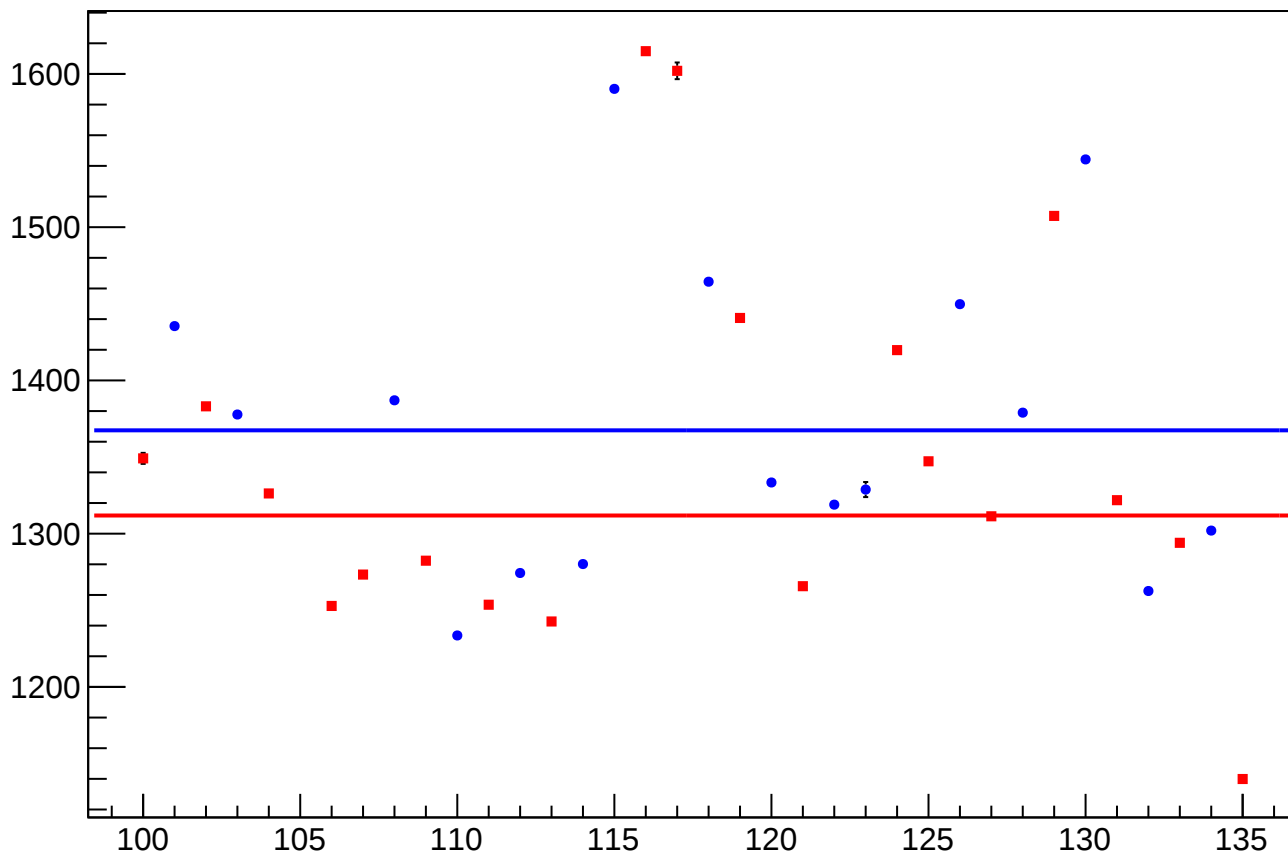
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.927+/-0.566 χ^2/NDF : 591.3/15

10.574+/-0.374 χ^2/NDF : 1192.2/34

7.196+/-0.498 χ^2/NDF : 495.8/18

diff_bpm0i07Y_rms vs Slug, Sign Corrected



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

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

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

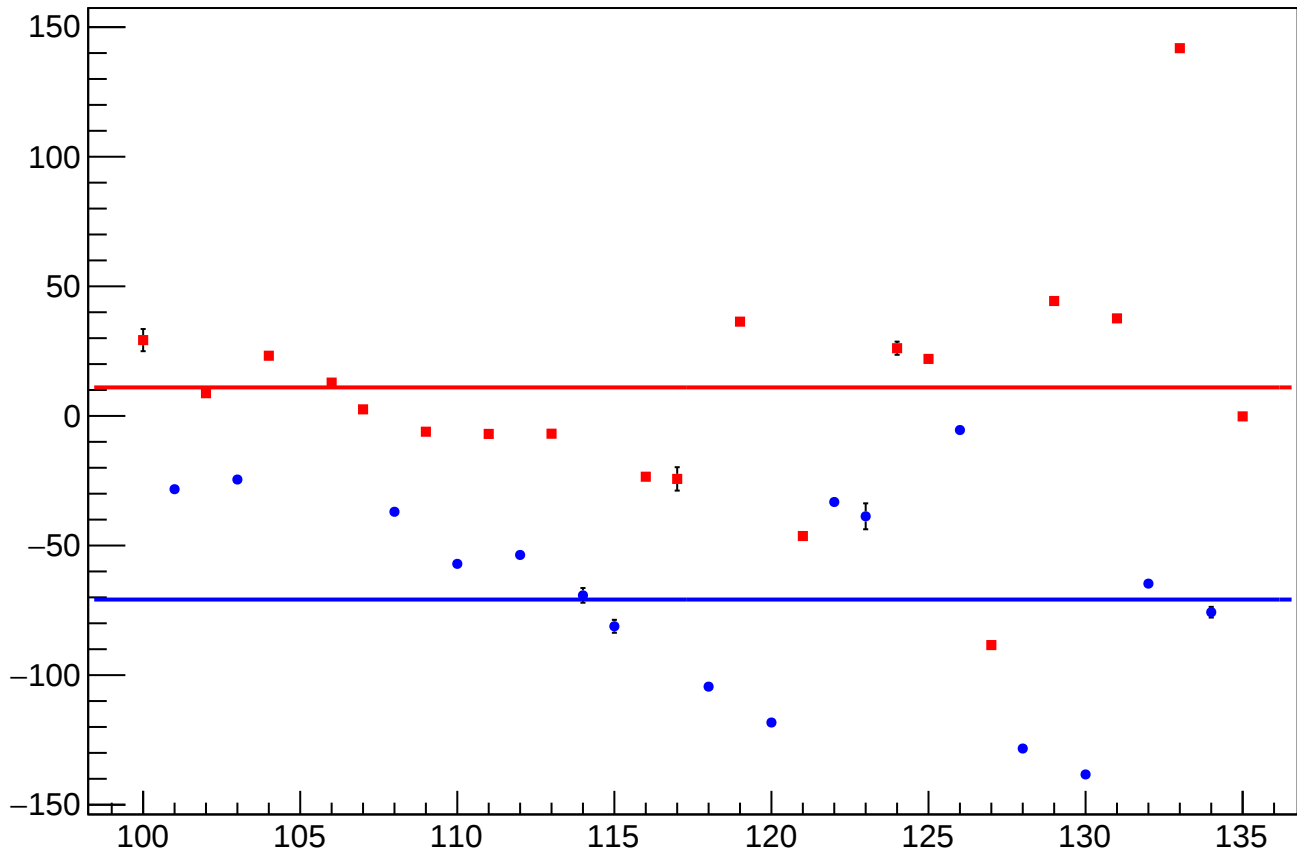
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1367.431+/-0.400 χ^2/NDF : 50835.3/15

1336.139+/-0.264 χ^2/NDF : 139693.9/34

1311.852+/-0.352 χ^2/NDF : 77992.7/18

diff_bpm1i02X_mean vs Slug, Sign Corrected



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

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

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

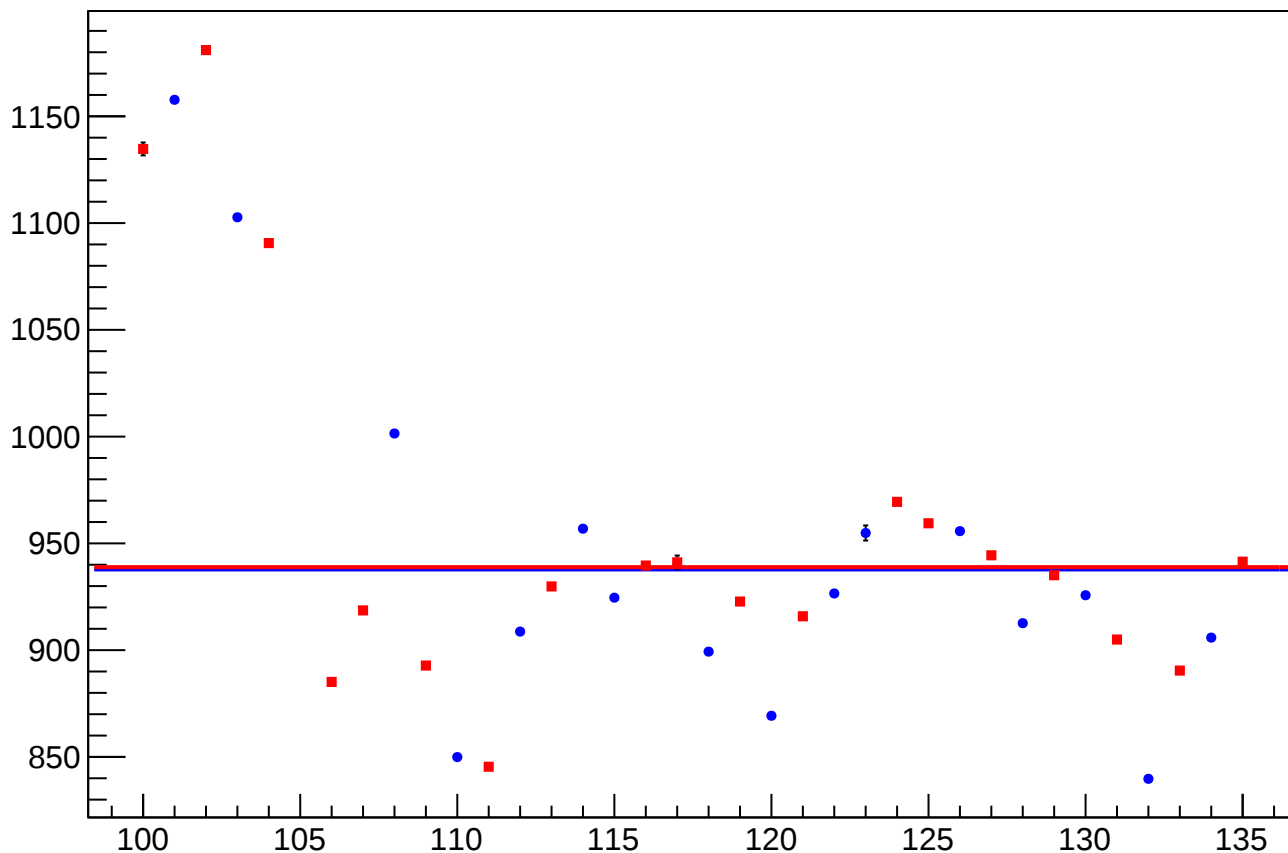
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-70.841 ± 0.388 χ^2/NDF : 11499.7/15

-26.436 ± 0.262 χ^2/NDF : 53831.2/34

11.002 ± 0.356 χ^2/NDF : 18140.6/18

diff_bpm1i02X_rms vs Slug, Sign Corrected



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

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

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

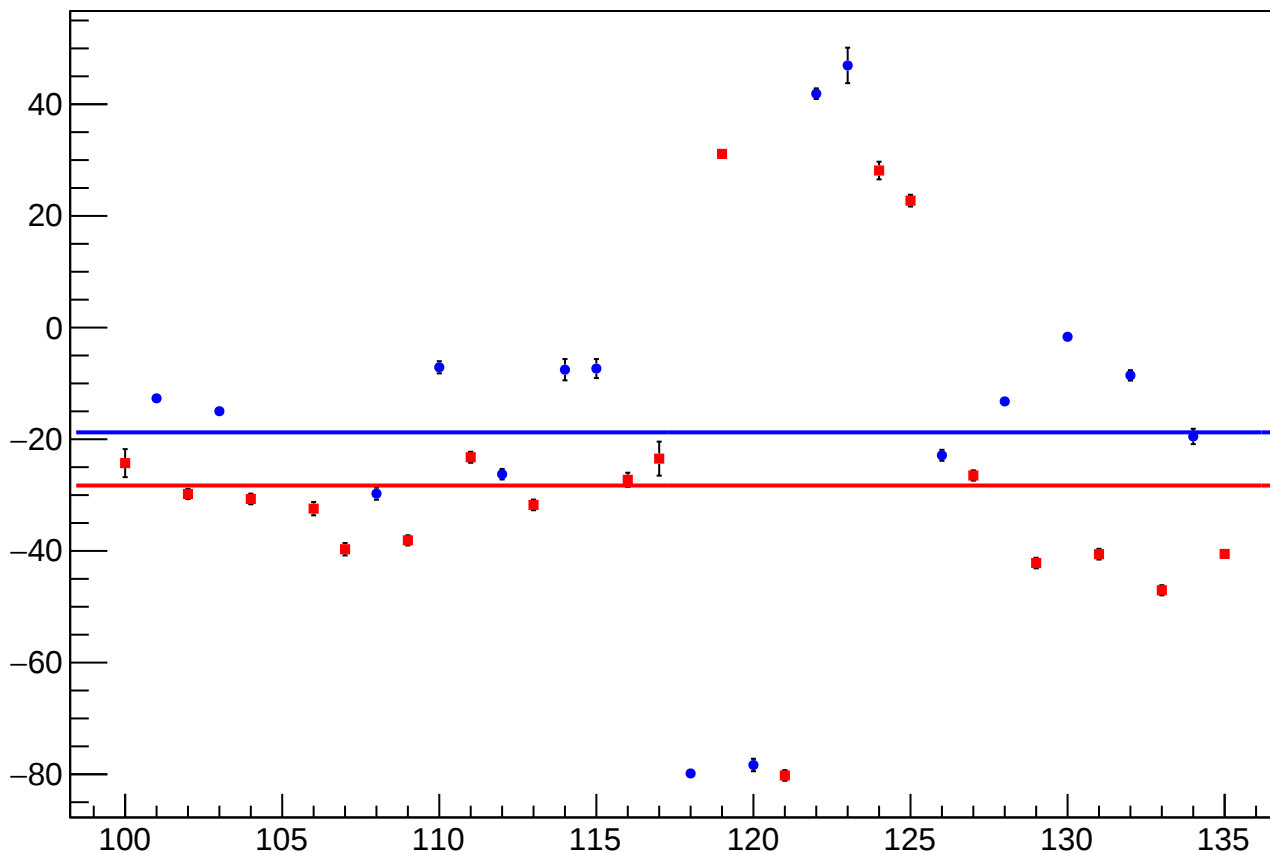
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

938.384 $\pm$ 0.185 χ^2 /NDF: 188511.1/34

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

diff_bpm1i02Y_mean vs Slug, Sign Corrected



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

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

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

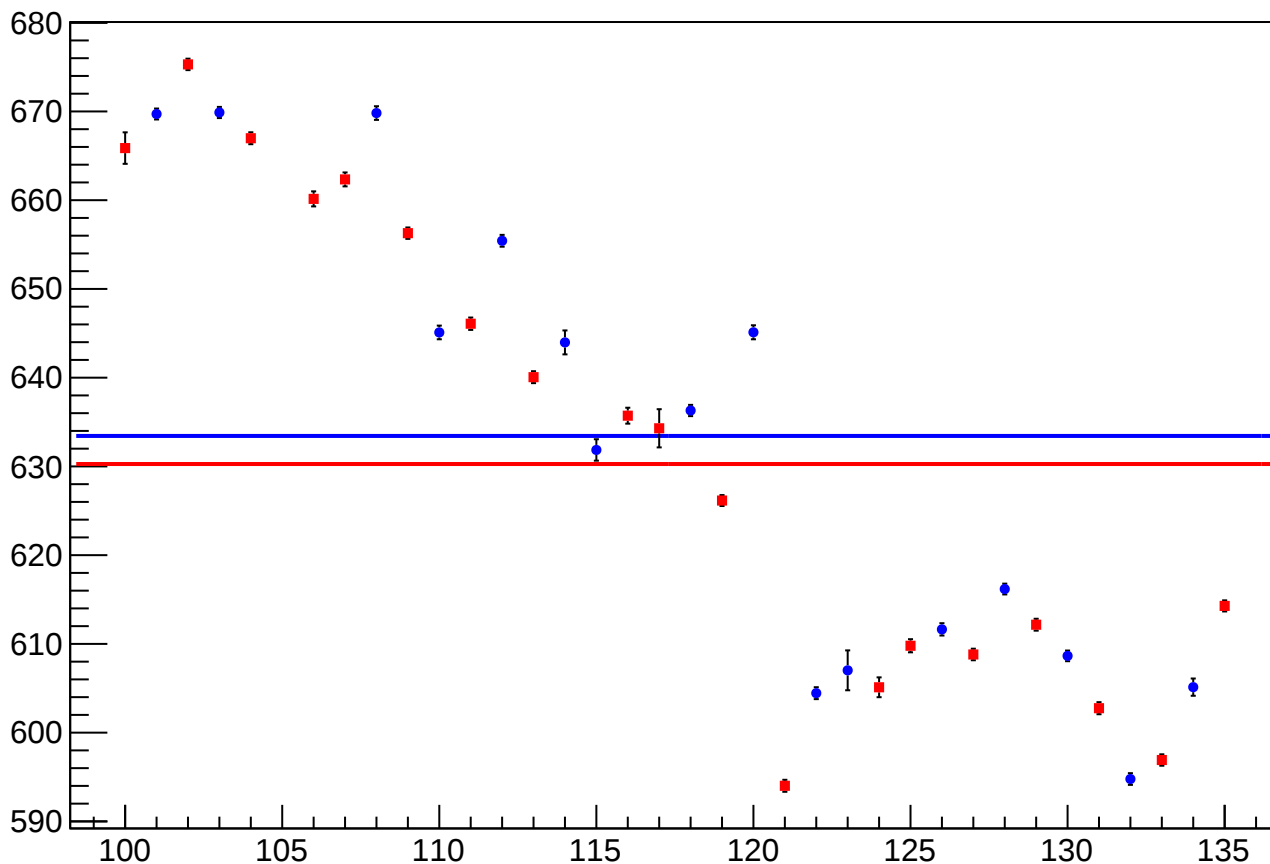
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.763+/-0.261 χ^2/NDF : 13005.5/15

-23.954+/-0.176 χ^2/NDF : 26242.0/34

-28.285+/-0.238 χ^2/NDF : 12510.0/18

diff_bpm1i02Y_rms vs Slug, Sign Corrected



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

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

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

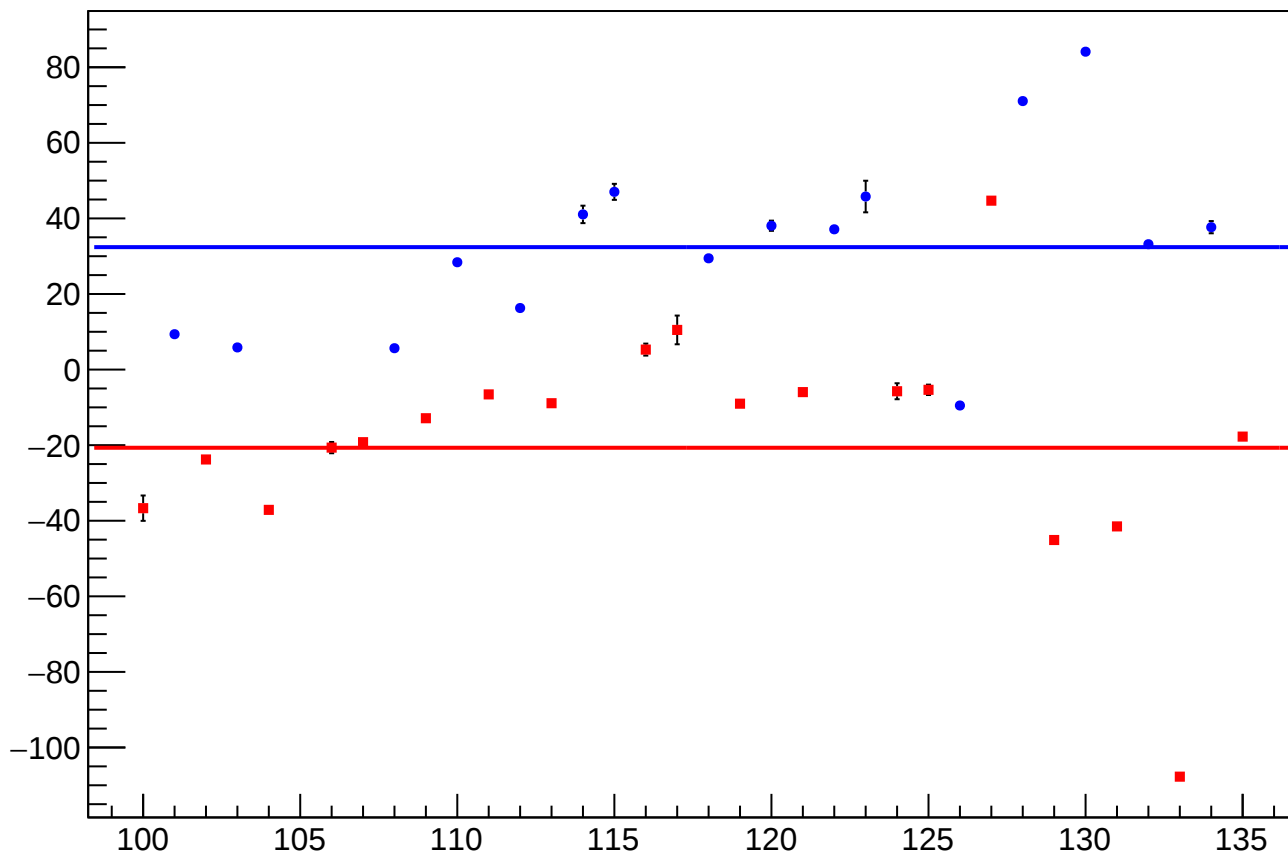
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

633.435+/-0.184 χ^2/NDF : 20430.0/15

631.710+/-0.124 χ^2/NDF : 45148.8/34

630.271+/-0.168 χ^2/NDF : 24558.3/18

diff_bpm1i04X_mean vs Slug, Sign Corrected



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

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

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

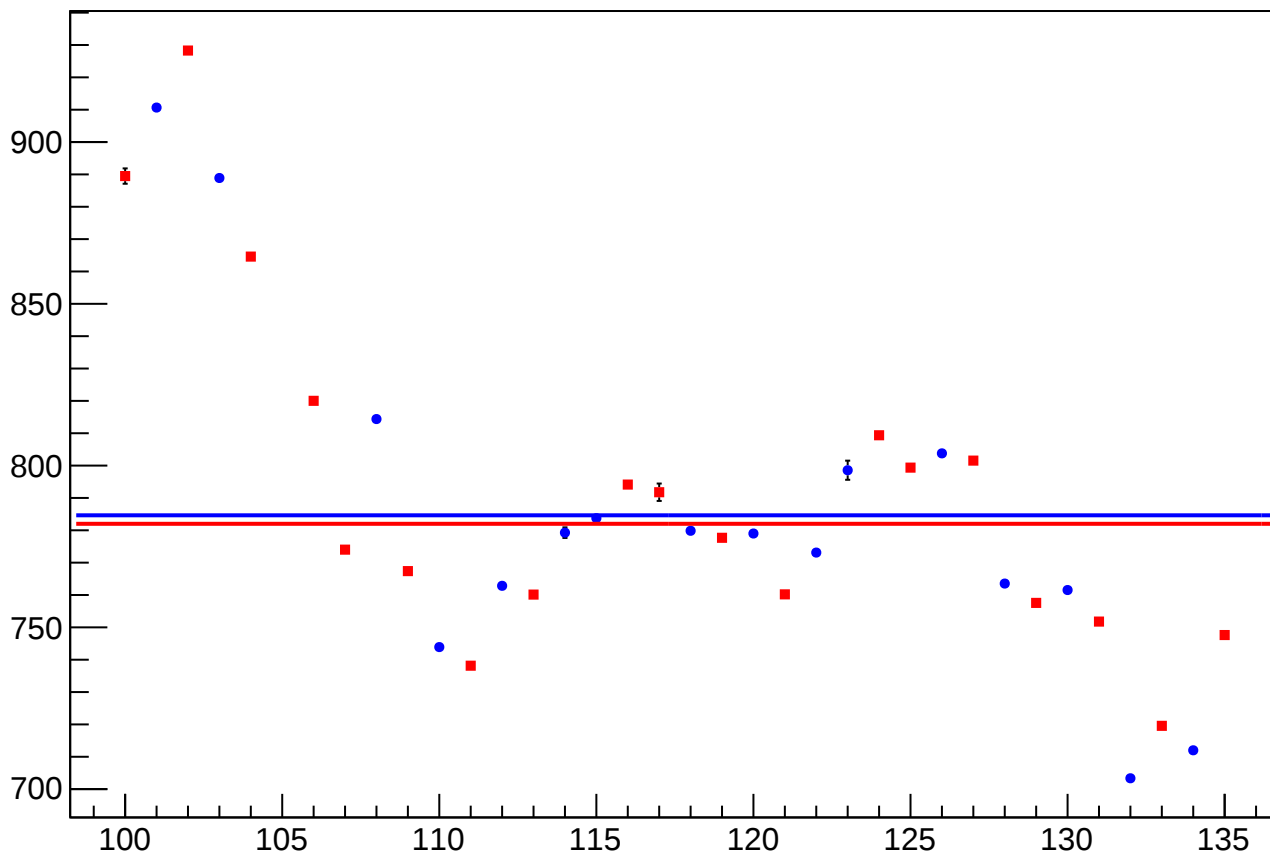
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.401+/-0.324 χ^2/NDF : 6361.1/15

3.490+/-0.218 χ^2/NDF : 32266.2/34

-20.687+/-0.296 χ^2/NDF : 11257.9/18

diff_bpm1i04X_rms vs Slug, Sign Corrected



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

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

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

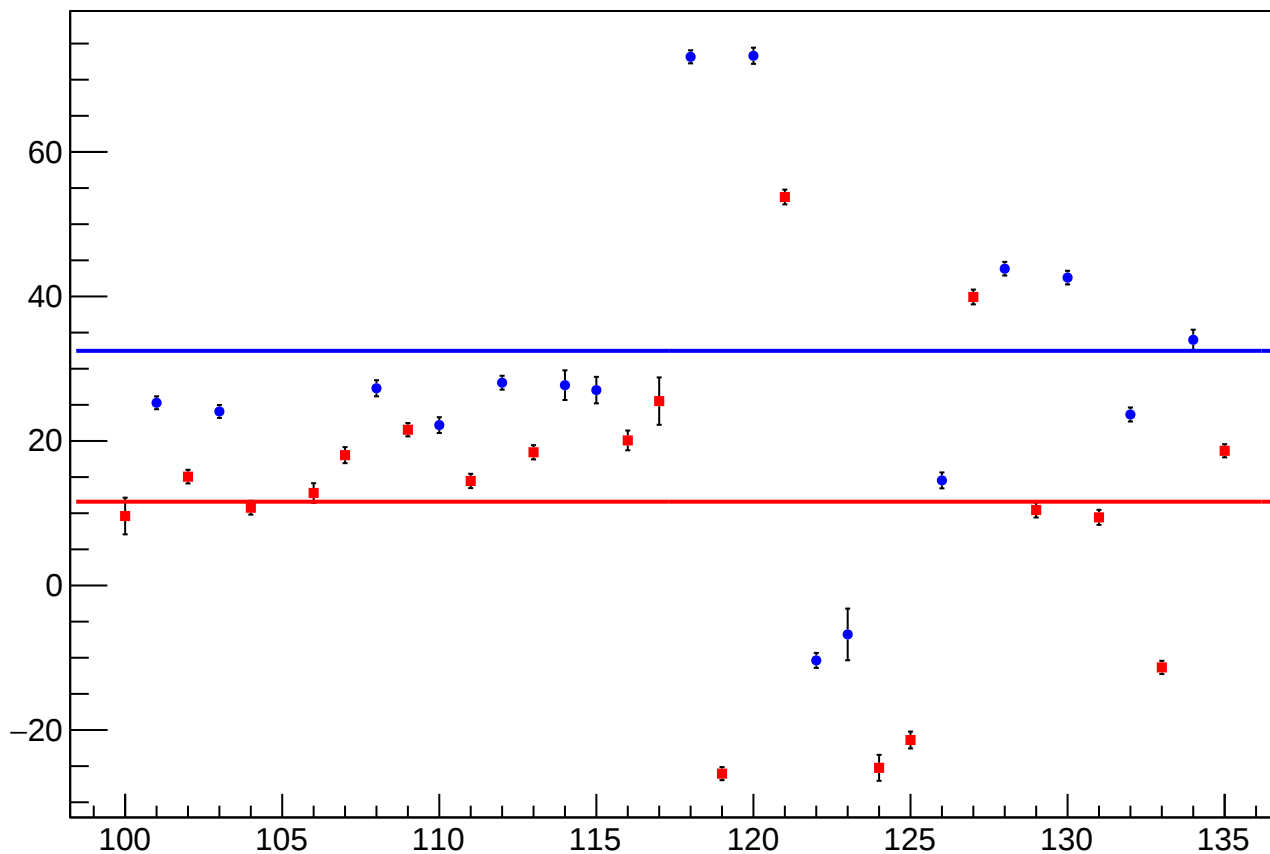
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

783.203 $\pm$ 0.154 χ^2 /NDF: 115721.5/34

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

diff_bpm1i04Y_mean vs Slug, Sign Corrected



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

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

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

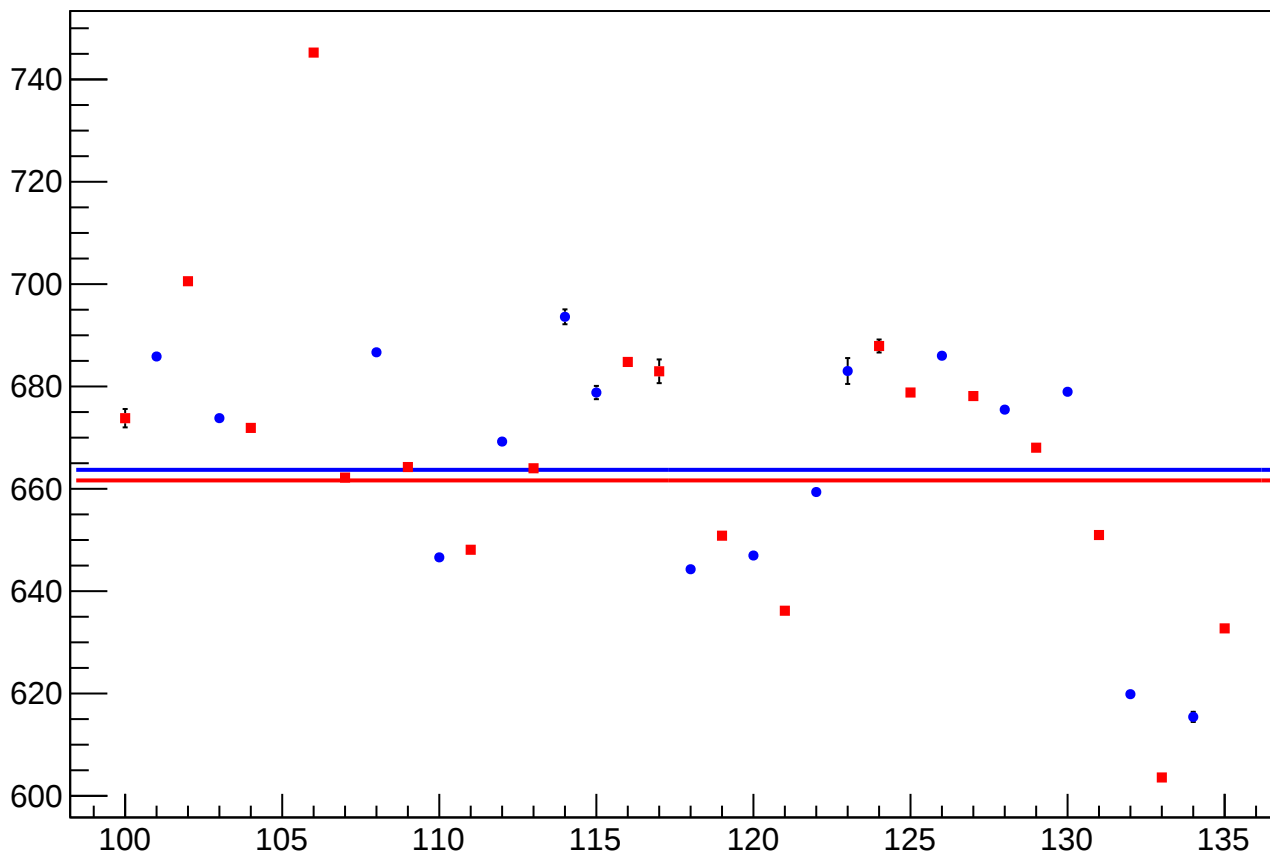
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

32.475+/-0.273 χ^2 /NDF: 6072.4/15

21.120+/-0.185 χ^2 /NDF: 15611.2/34

11.596+/-0.250 χ^2 /NDF: 6363.0/18

diff_bpm1i04Y_rms vs Slug, Sign Corrected



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

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

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

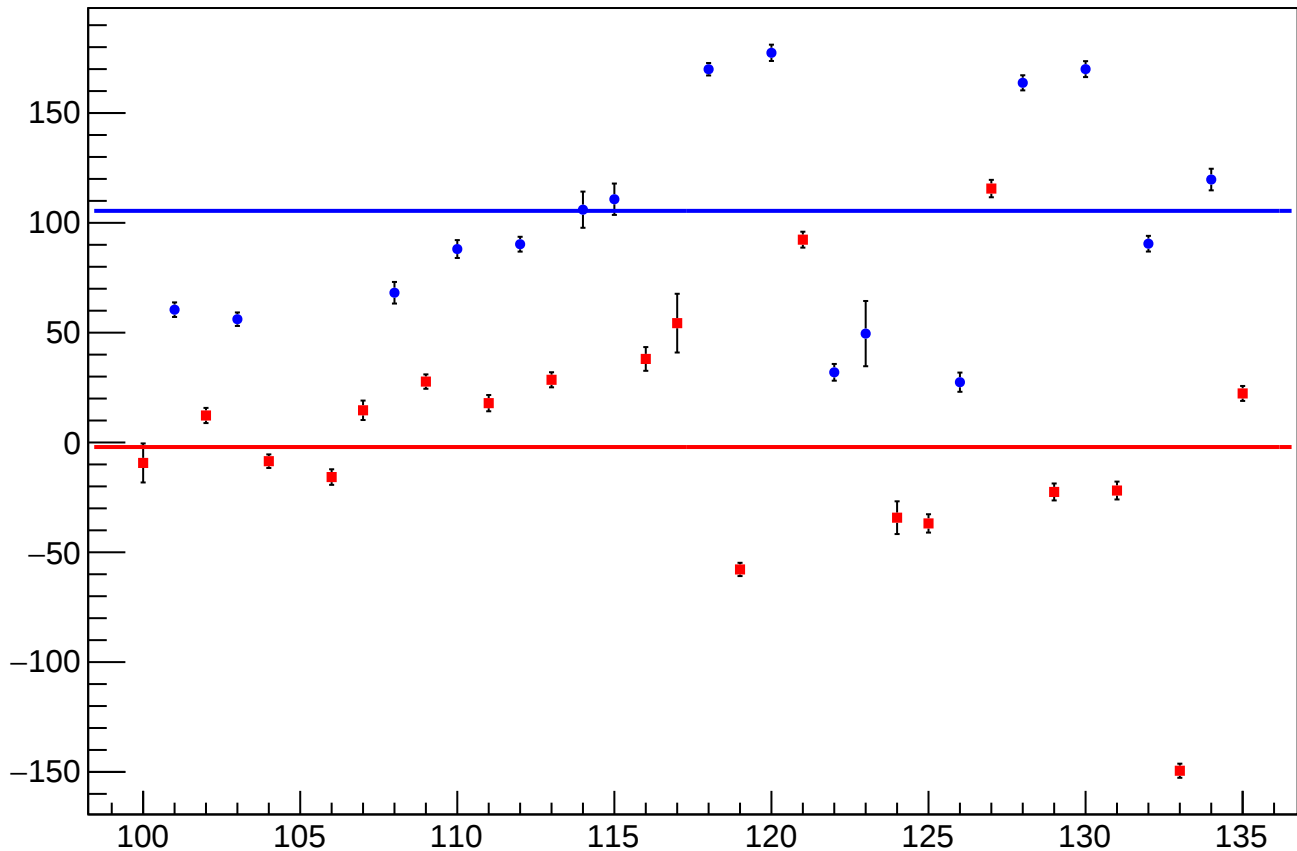
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

663.710+/-0.193 χ^2/NDF : 12992.8/15

662.584+/-0.130 χ^2/NDF : 38523.8/34

661.641+/-0.177 χ^2/NDF : 25468.6/18

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 105.455+/-0.989 χ^2/NDF : 2764.2/15

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

Right Out: -2.073+/-0.892 χ^2/NDF : 4508.5/18

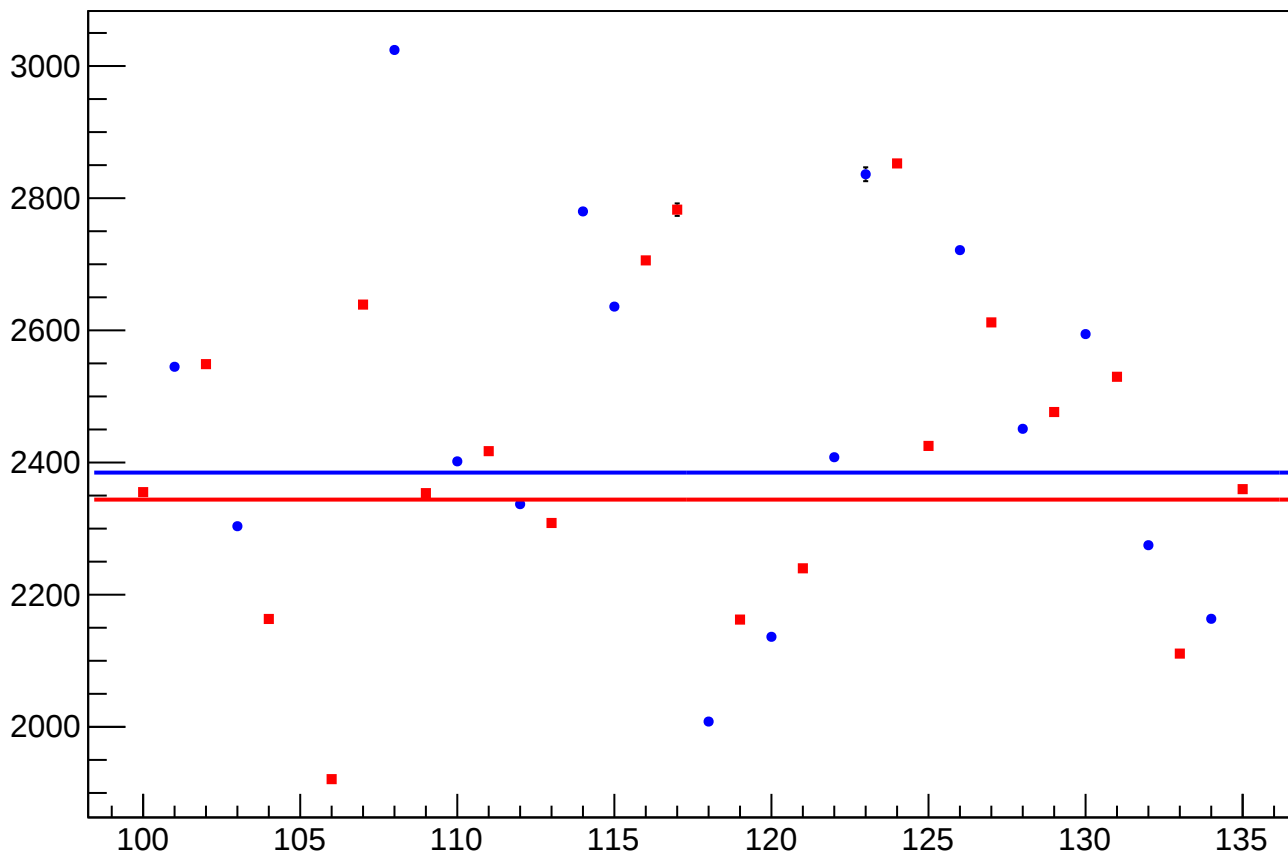
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.455+/-0.989 χ^2/NDF : 2764.2/15

46.160+/-0.662 χ^2/NDF : 13794.8/34

-2.073+/-0.892 χ^2/NDF : 4508.5/18

diff_bpm1i06X_rms vs Slug, Sign Corrected



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

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

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

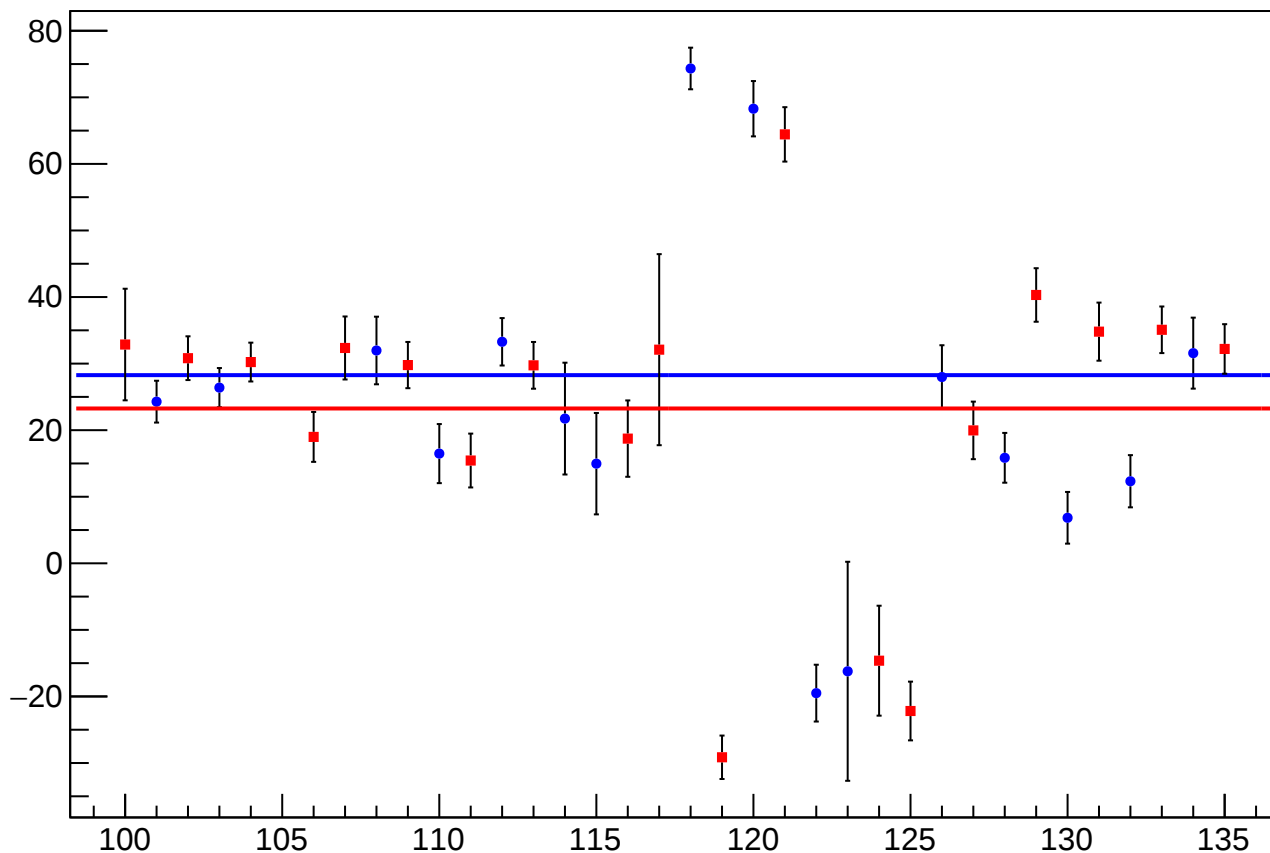
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2362.231 $\pm$ 0.468 χ^2 /NDF: 229220.8/34

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

diff_bpm1i06Y_mean vs Slug, Sign Corrected



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

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

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

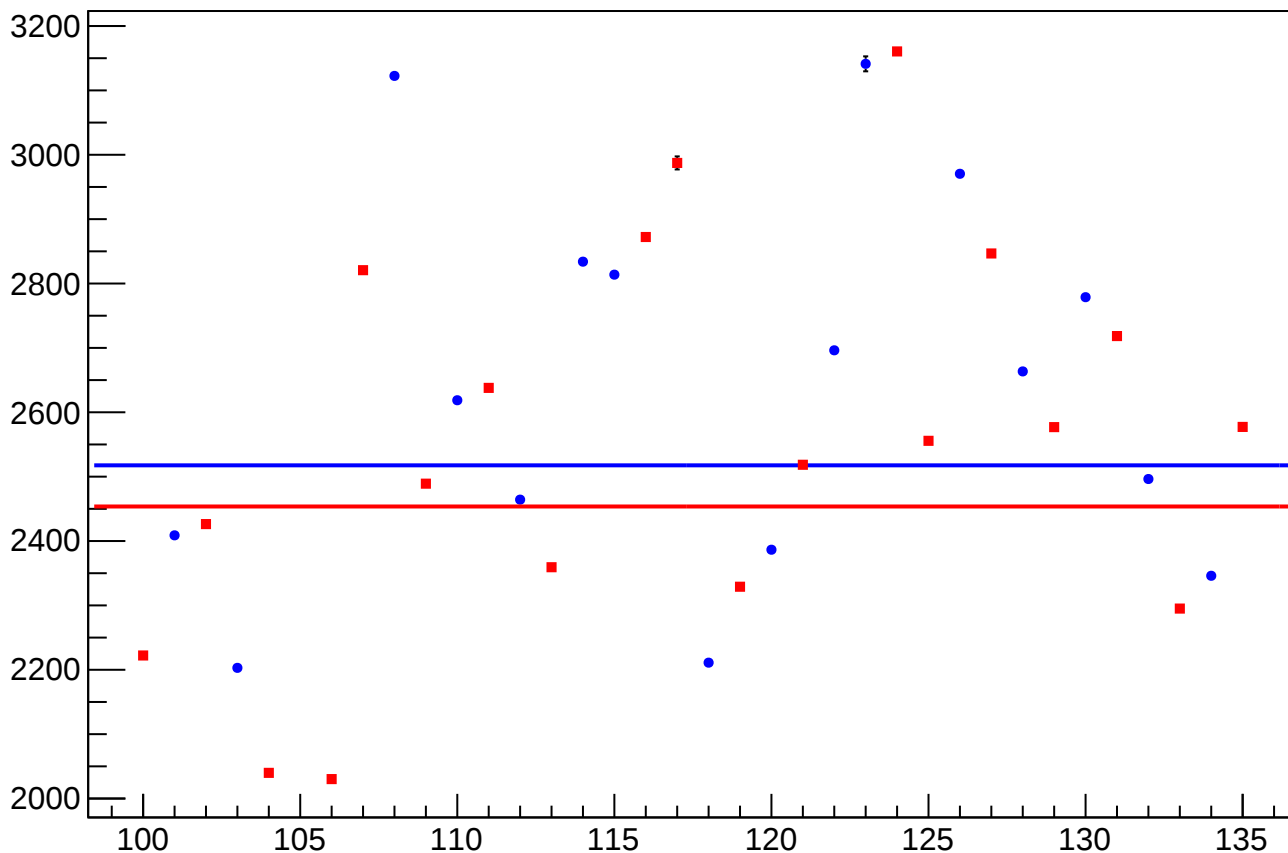
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.268+/-1.044 χ^2 /NDF: 516.1/15

25.490+/-0.697 χ^2 /NDF: 1087.1/34

23.259+/-0.936 χ^2 /NDF: 558.2/18

diff_bpm1i06Y_rms vs Slug, Sign Corrected



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

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

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

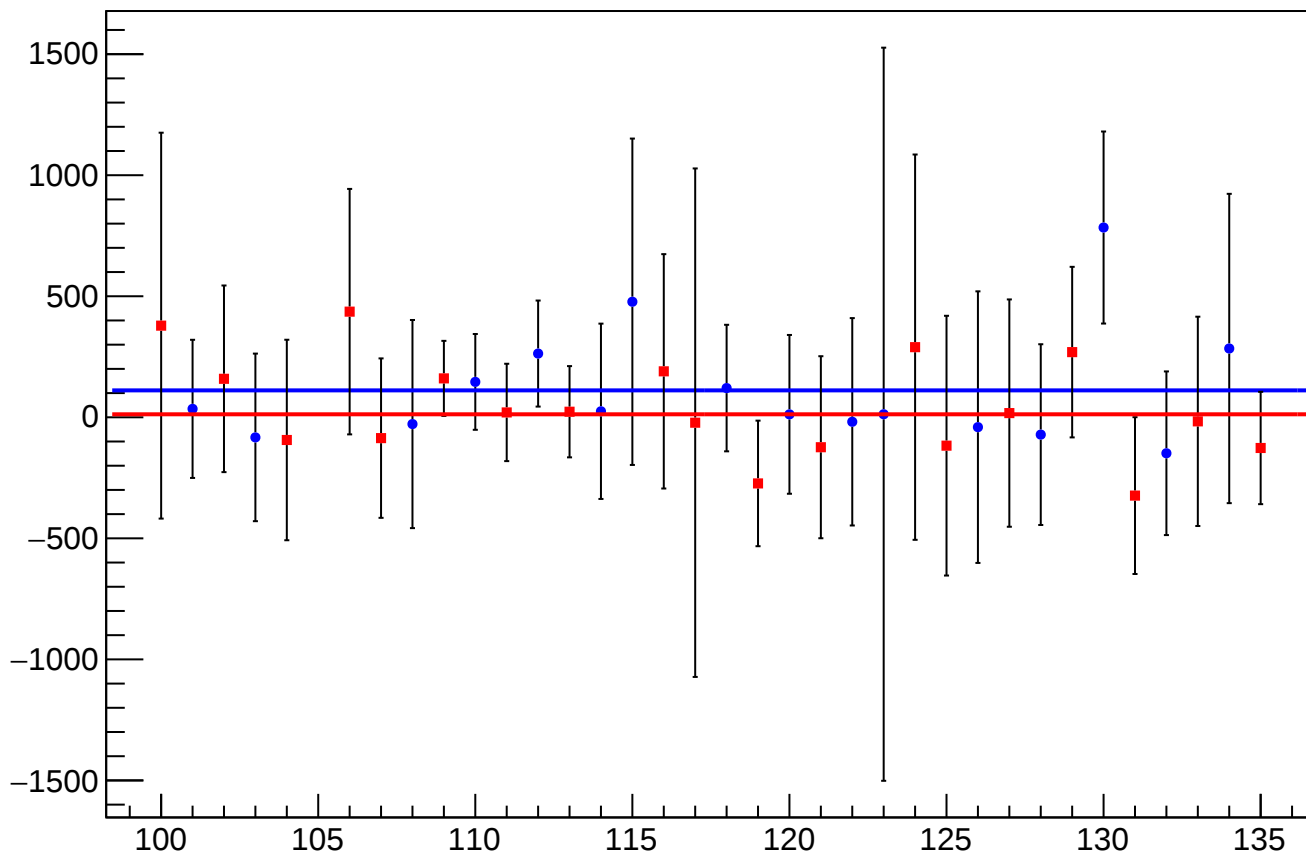
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2482.126 $\pm$ 0.493 χ^2 /NDF: 274863.3/34

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 12.404 $\pm$ 70.716 χ^2 /NDF: 5.8/18

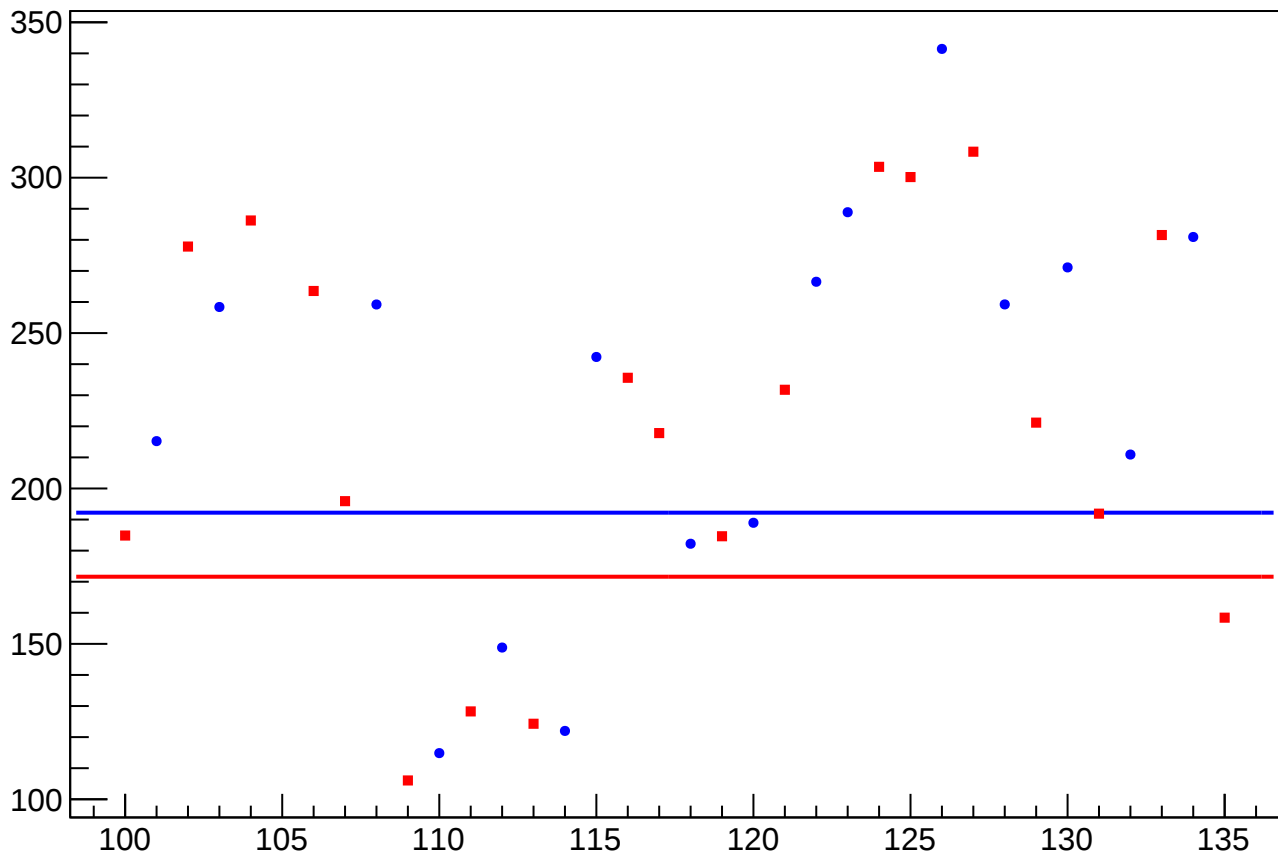
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

111.194 $\pm$ 84.517 χ^2 /NDF: 5.4/15

53.085 $\pm$ 54.235 χ^2 /NDF: 12.0/34

12.404 $\pm$ 70.716 χ^2 /NDF: 5.8/18

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

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

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

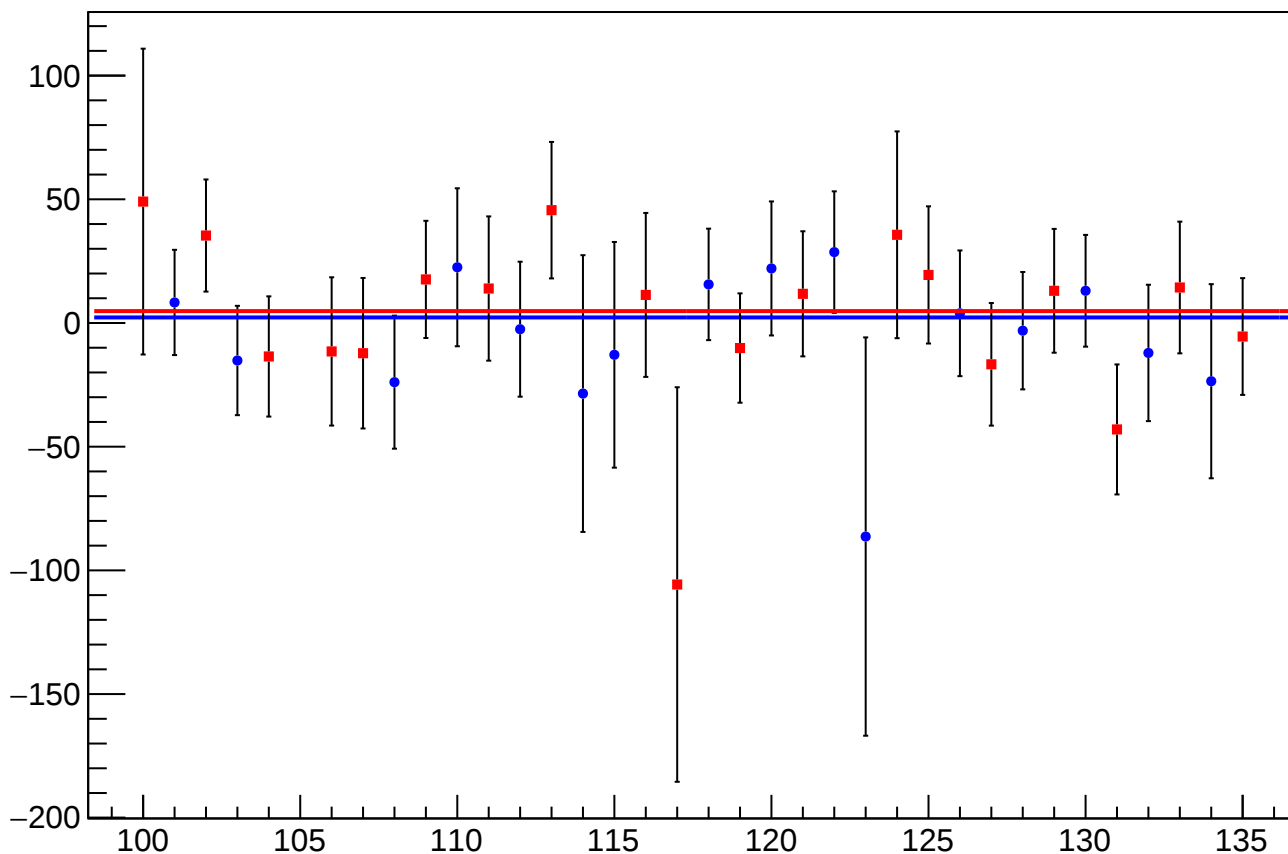
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

180.094+/-0.038 χ^2/NDF : 2653260.2/34

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

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

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

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

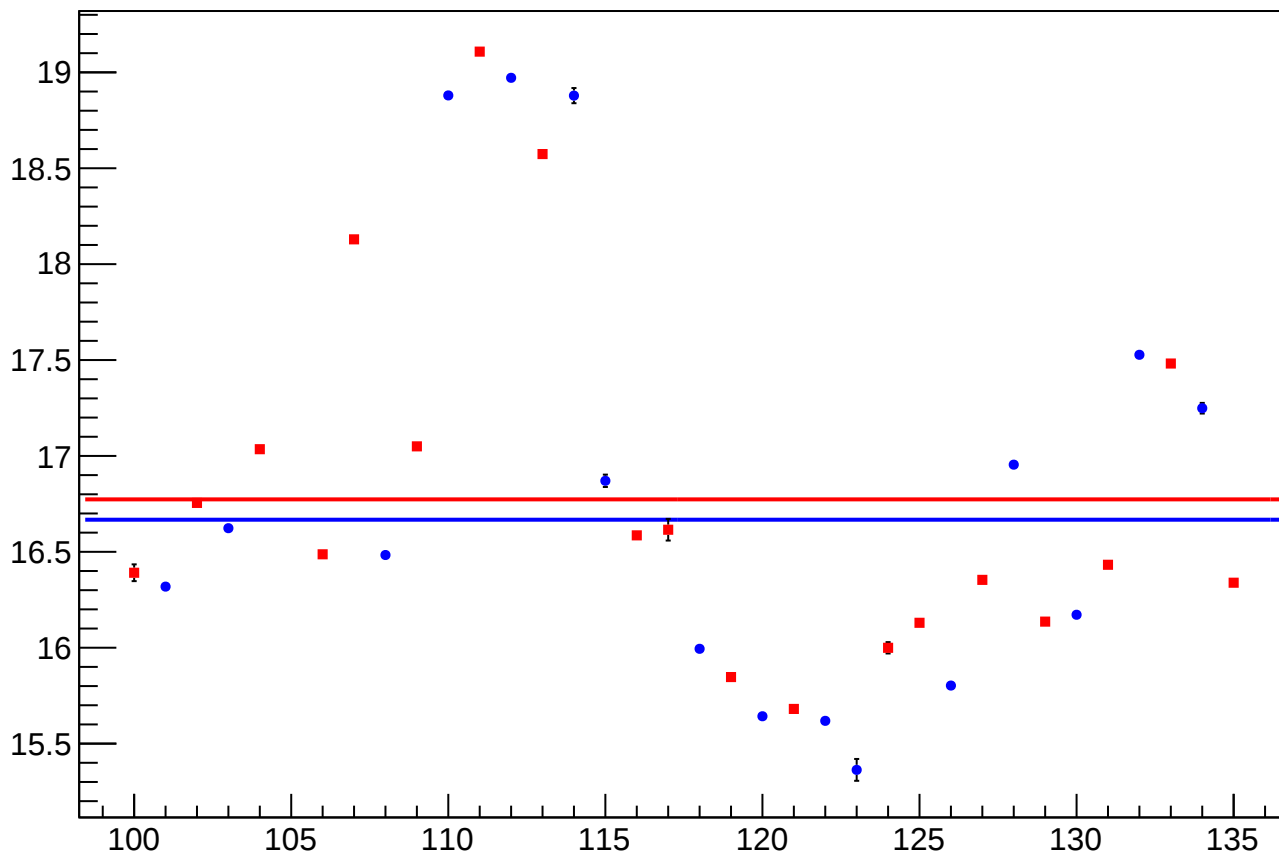
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.243+/-6.874 χ^2/NDF : 6.7/15

3.627+/-4.664 χ^2/NDF : 20.7/34

4.808+/-6.350 χ^2/NDF : 13.9/18

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.667 $\pm$ 0.005 χ^2 /NDF: 42447.4/15

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

Right Out: 16.773 $\pm$ 0.004 χ^2 /NDF: 39470.0/18

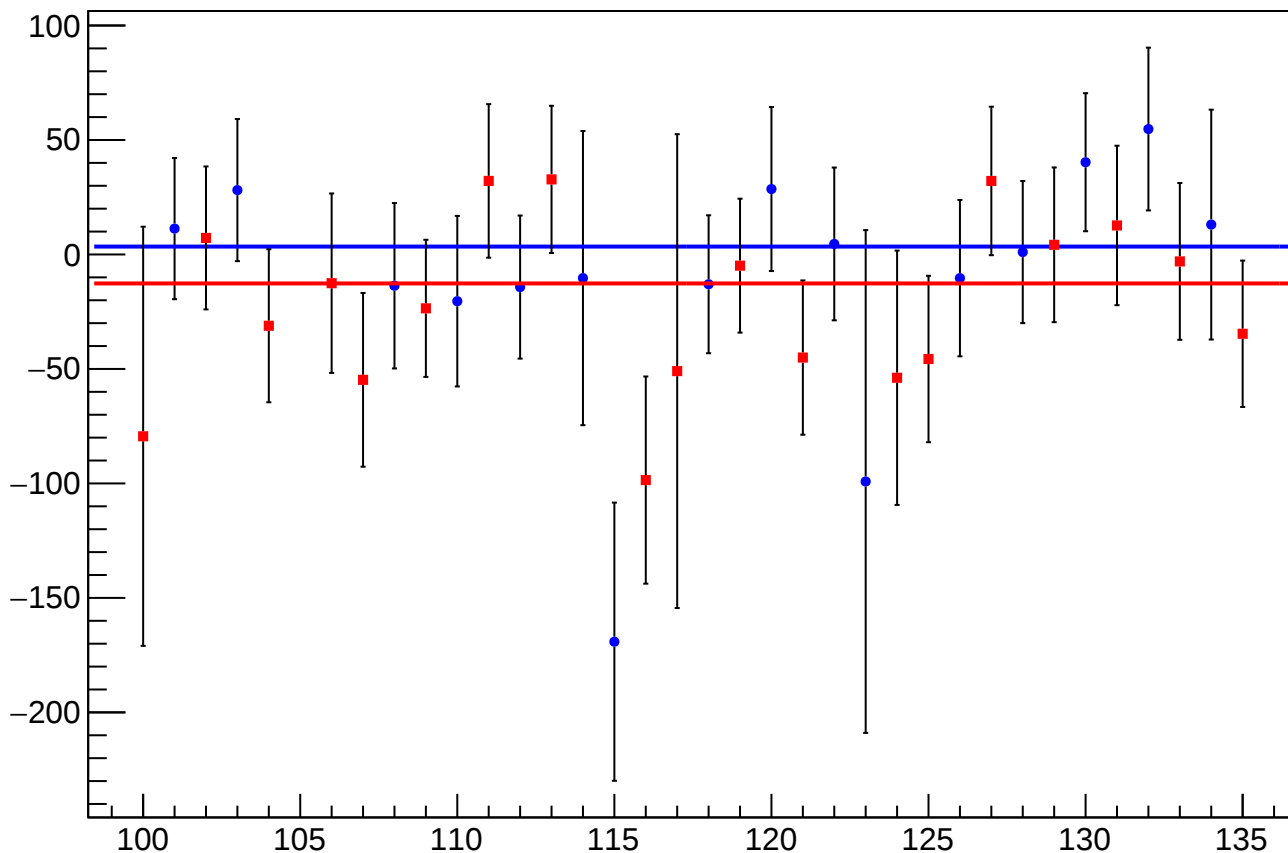
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.667 $\pm$ 0.005 χ^2 /NDF: 42447.4/15

16.725 $\pm$ 0.003 χ^2 /NDF: 82174.1/34

16.773 $\pm$ 0.004 χ^2 /NDF: 39470.0/18

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.448+/-9.068 χ^2/NDF : 15.2/15

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

Right Out: -12.653+/-8.289 χ^2/NDF : 15.7/18

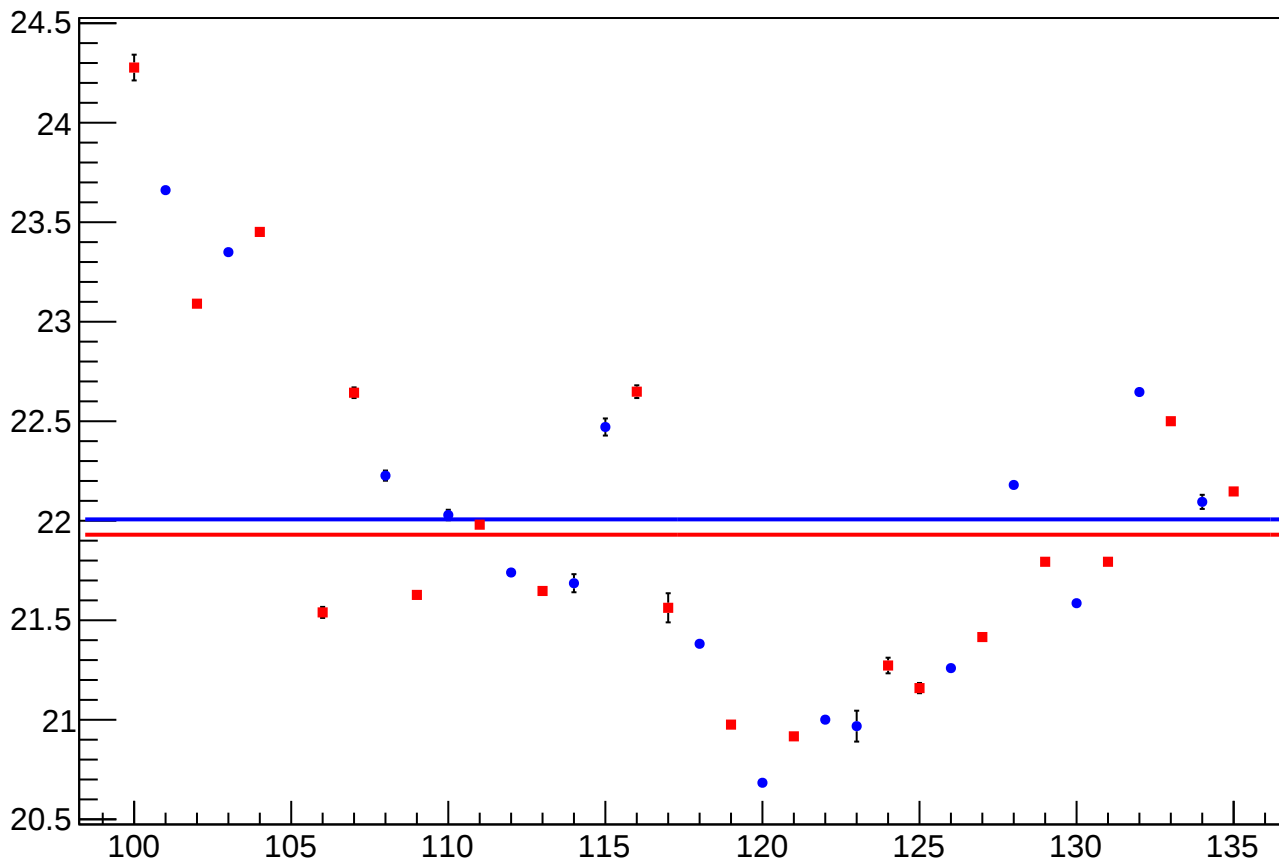
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.448+/-9.068 χ^2/NDF : 15.2/15

-5.324+/-6.118 χ^2/NDF : 32.7/34

-12.653+/-8.289 χ^2/NDF : 15.7/18

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.007 ± 0.006 χ^2/NDF : 17543.4/15

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

Right Out: 21.930 ± 0.006 χ^2/NDF : 16353.3/18

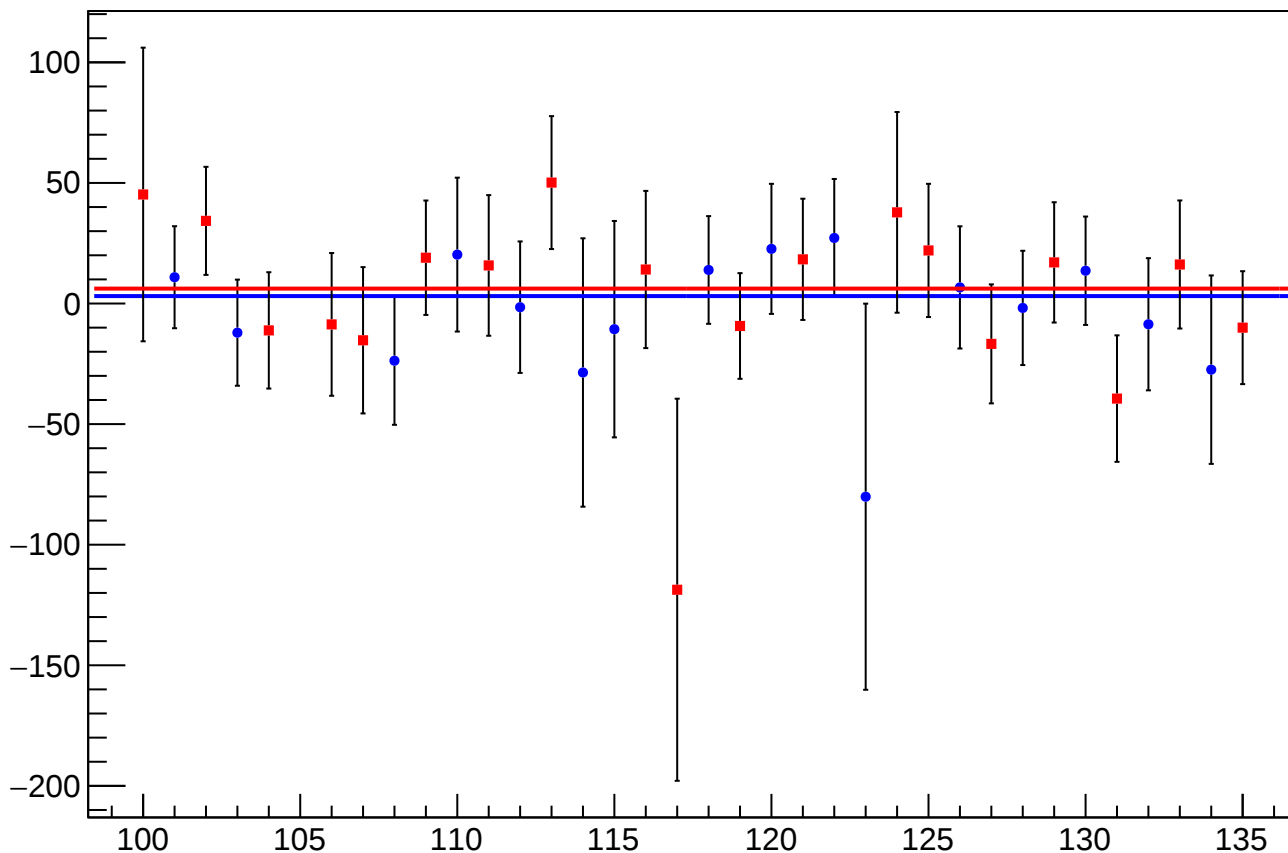
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

22.007 ± 0.006 χ^2/NDF : 17543.4/15

21.965 ± 0.004 χ^2/NDF : 33975.2/34

21.930 ± 0.006 χ^2/NDF : 16353.3/18

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.081+/-6.839 χ^2/NDF : 6.3/15

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

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

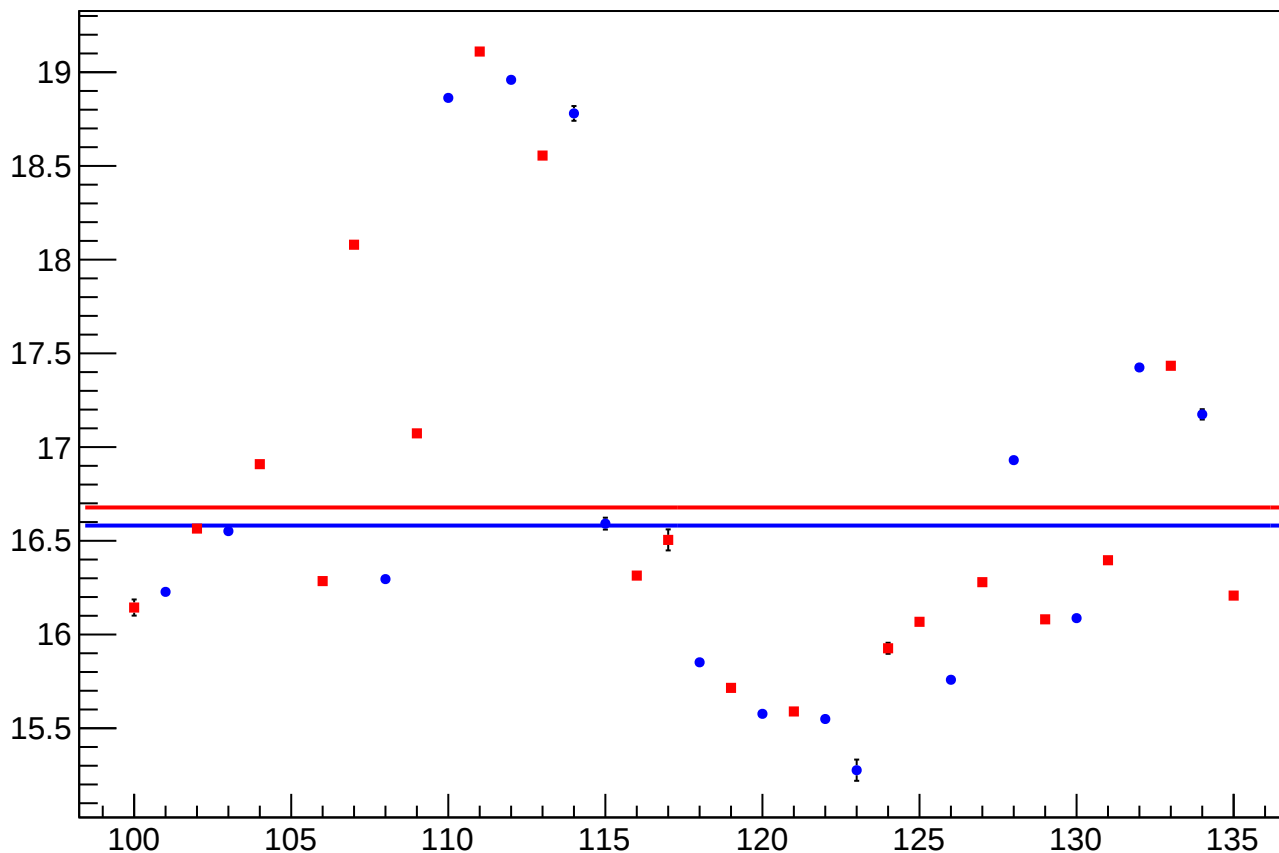
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.081+/-6.839 χ^2/NDF : 6.3/15

4.758+/-4.639 χ^2/NDF : 21.4/34

6.187+/-6.314 χ^2/NDF : 15.1/18

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



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

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

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

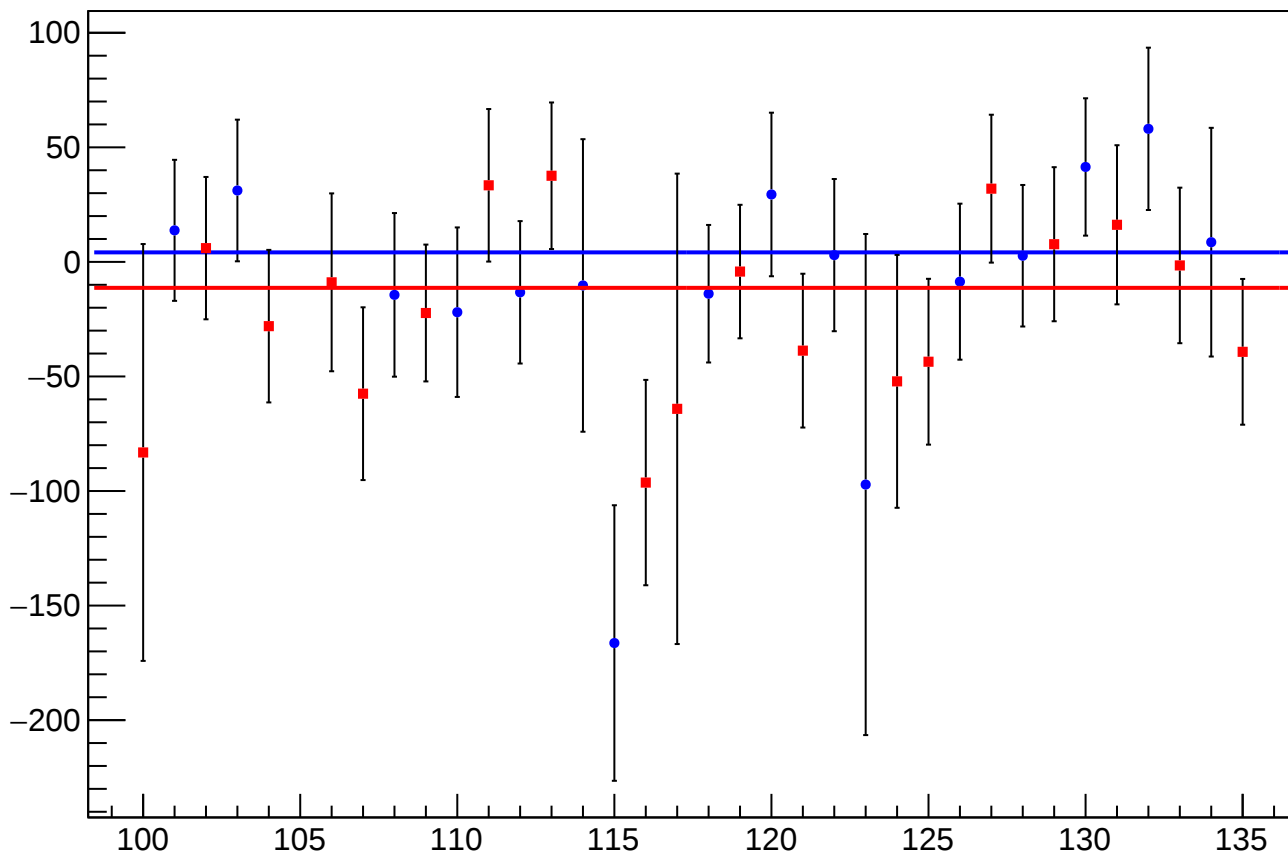
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.581+/-0.005 χ^2/NDF : 44231.3/15

16.633+/-0.003 χ^2/NDF : 87033.0/34

16.678+/-0.004 χ^2/NDF : 42586.7/18

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.155+/-9.023 χ^2/NDF : 15.8/15

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

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

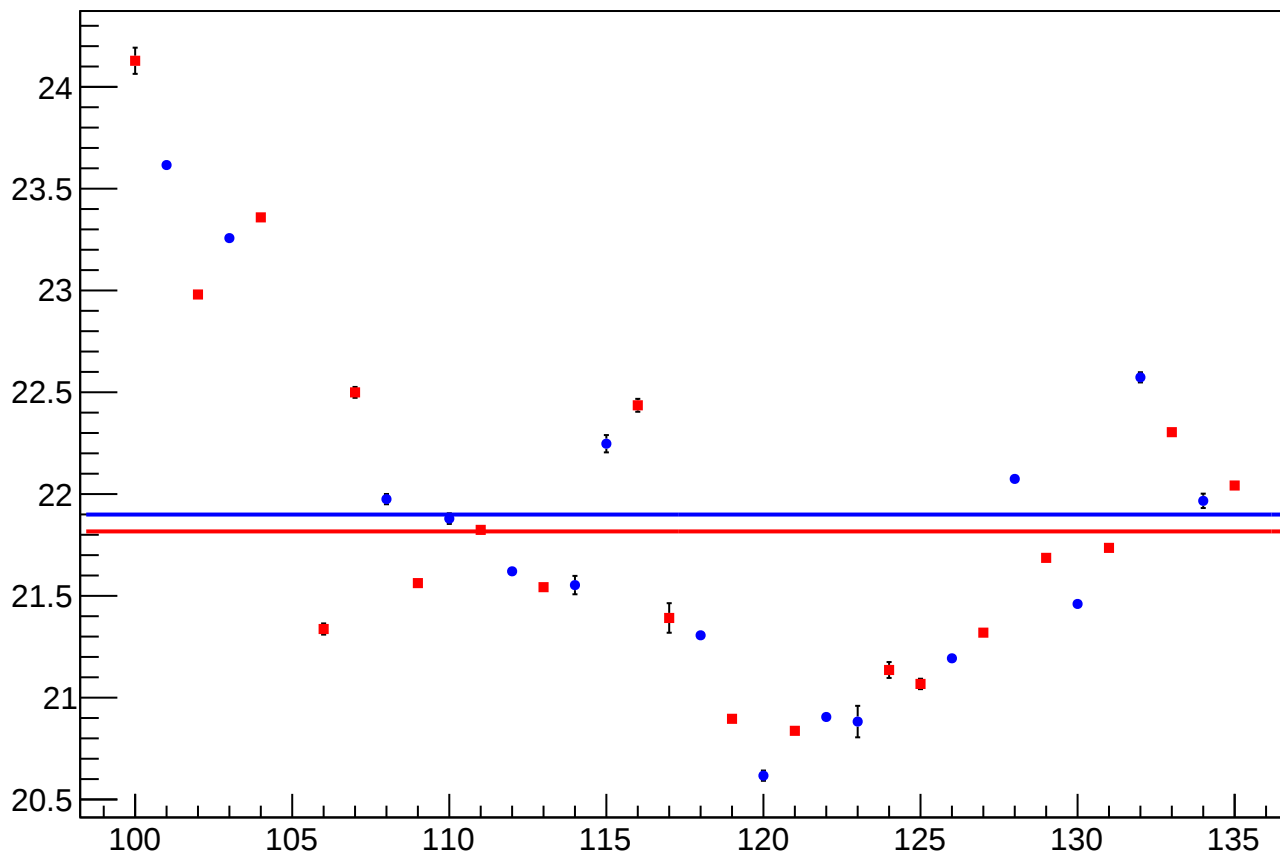
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.155+/-9.023 χ^2/NDF : 15.8/15

-4.282+/-6.087 χ^2/NDF : 33.9/34

-11.328+/-8.246 χ^2/NDF : 16.5/18

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.899 ± 0.006 $\chi^2/\text{NDF}: 17787.5/15$

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

Right Out: 21.817 ± 0.006 $\chi^2/\text{NDF}: 15949.6/18$

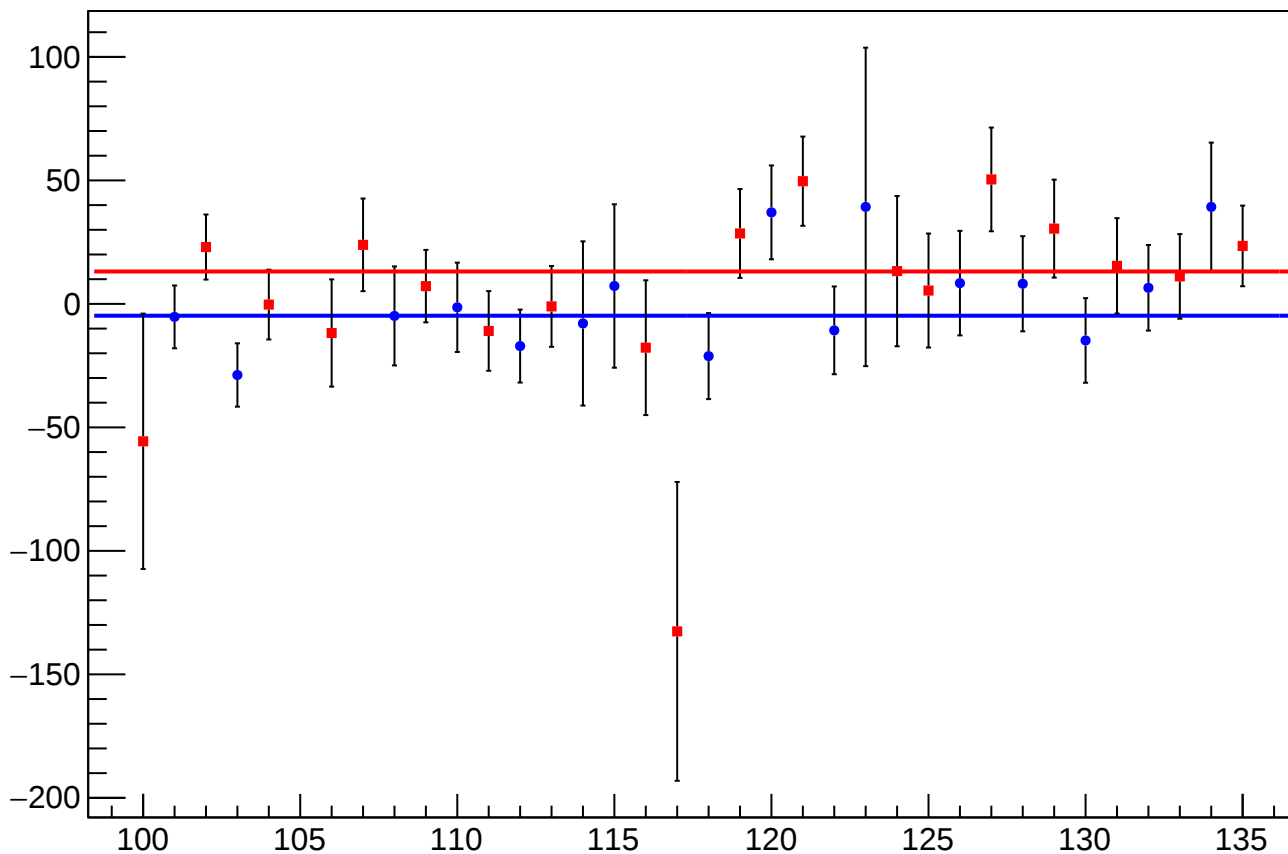
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

21.899 ± 0.006 $\chi^2/\text{NDF}: 17787.5/15$

21.854 ± 0.004 $\chi^2/\text{NDF}: 33829.1/34$

21.817 ± 0.006 $\chi^2/\text{NDF}: 15949.6/18$

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

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

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

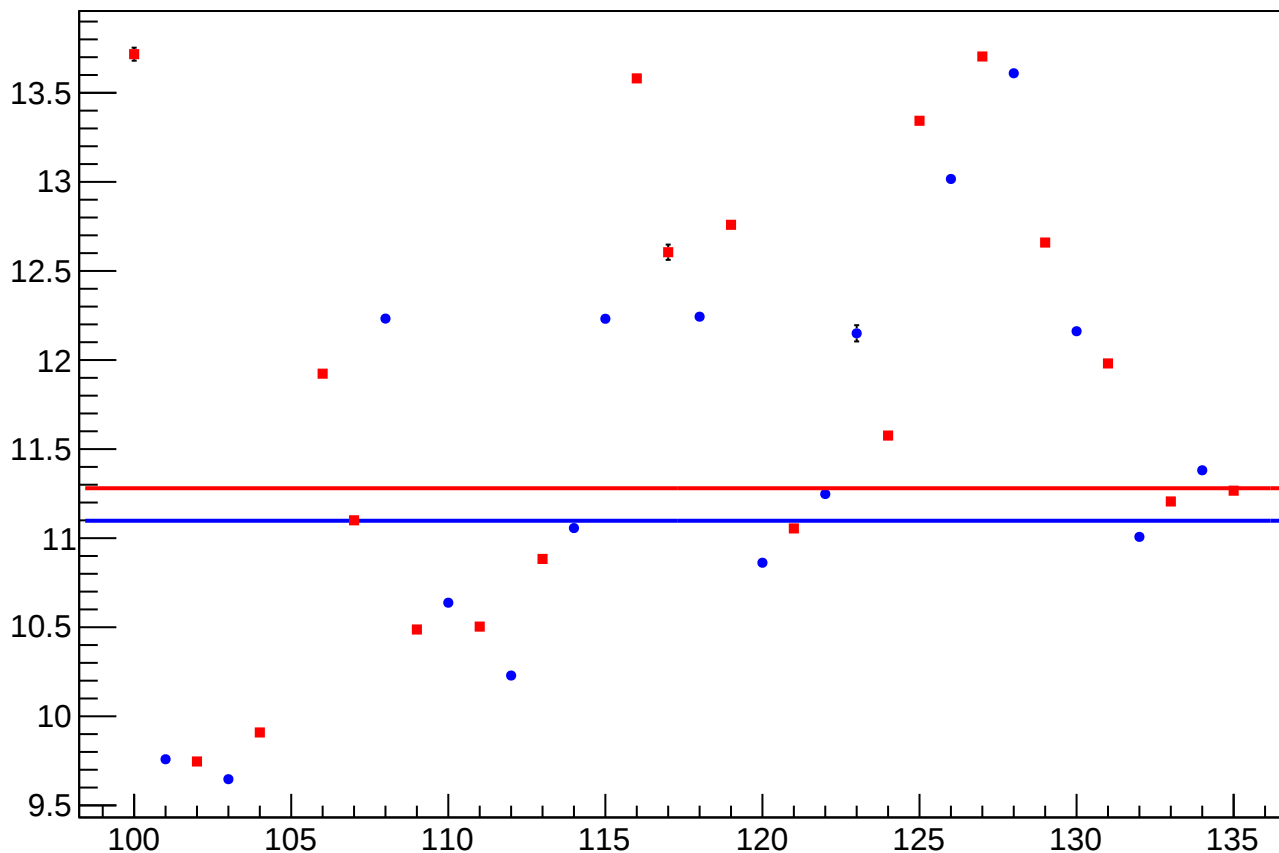
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.789+/-4.621 χ^2/NDF : 15.2/15

4.778+/-3.154 χ^2/NDF : 47.6/34

13.119+/-4.315 χ^2/NDF : 24.4/18

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

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

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

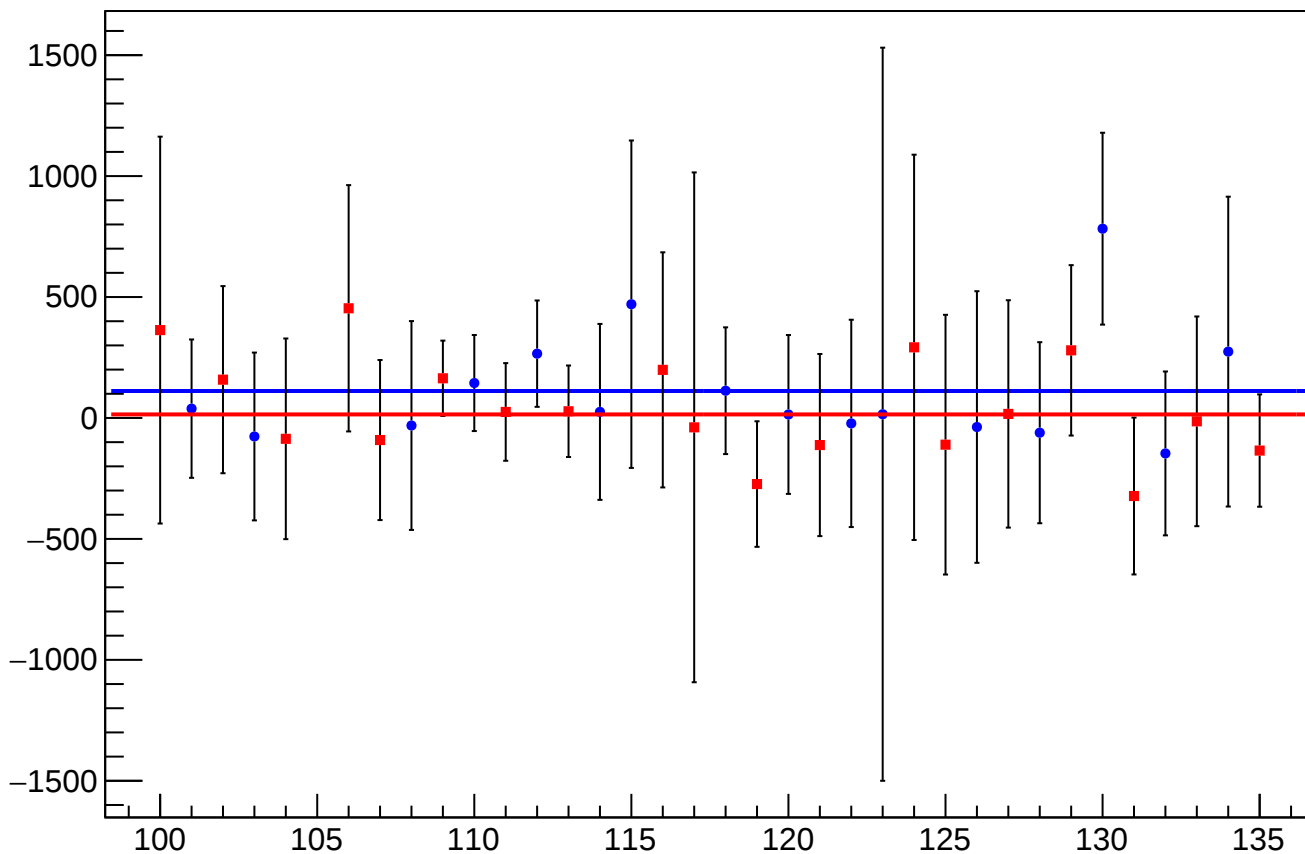
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.098+/-0.003 χ^2/NDF : 132830.7/15

11.195+/-0.002 χ^2/NDF : 282605.1/34

11.280+/-0.003 χ^2/NDF : 148107.9/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 111.485 $\pm$ 84.744 χ^2 /NDF: 5.3/15

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

Right Out: 14.685 $\pm$ 70.922 χ^2 /NDF: 5.9/18

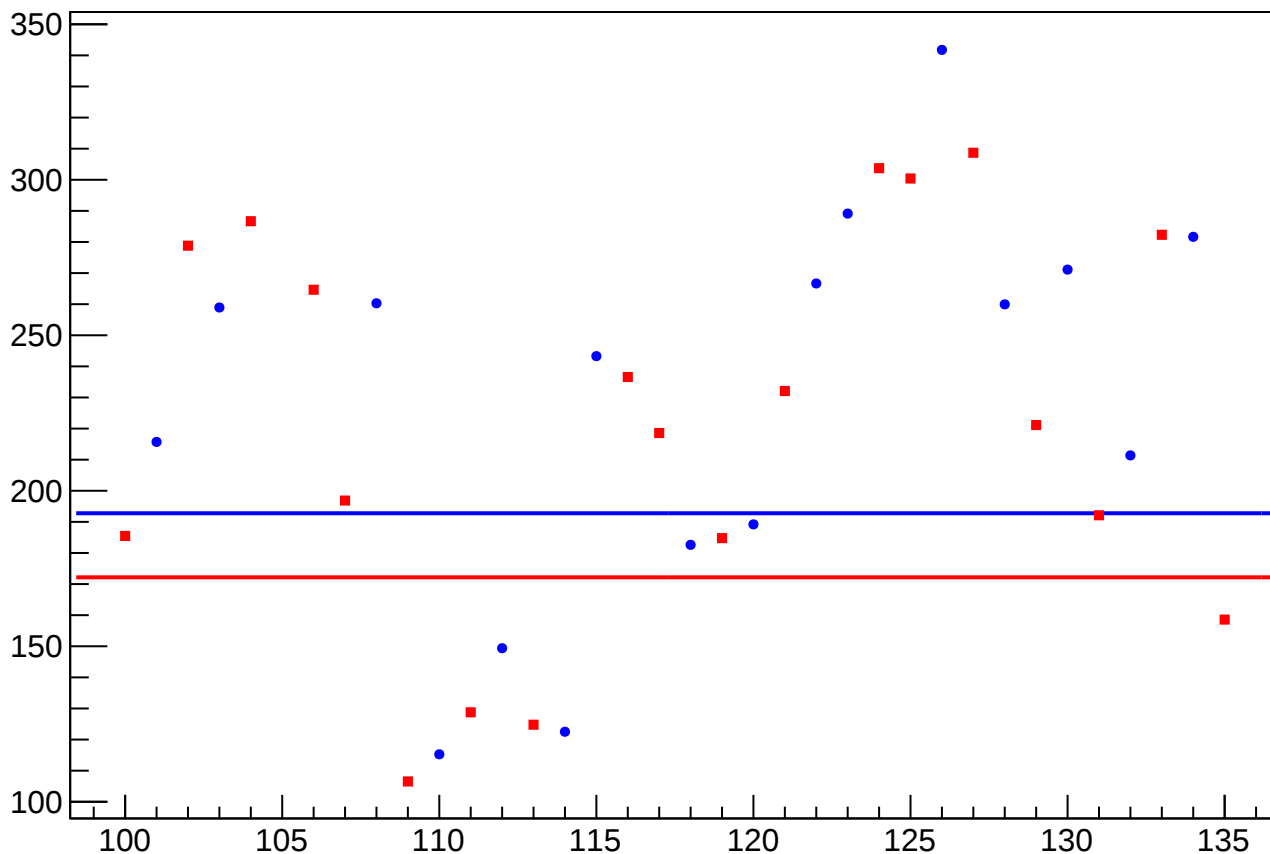
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

111.485 $\pm$ 84.744 χ^2 /NDF: 5.3/15

54.557 $\pm$ 54.388 χ^2 /NDF: 12.0/34

14.685 $\pm$ 70.922 χ^2 /NDF: 5.9/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



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

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

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

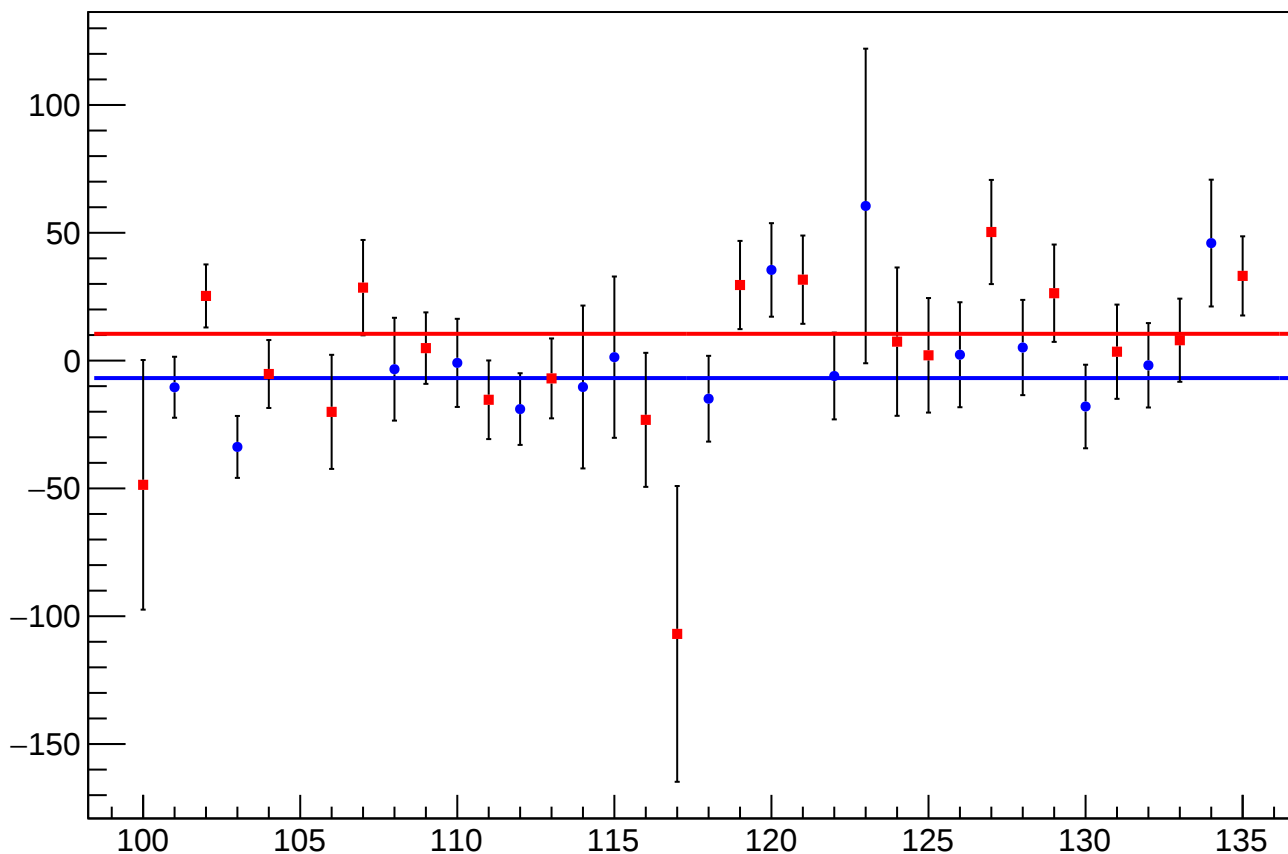
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

180.653+/-0.038 χ^2/NDF : 2640622.7/34

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

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



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

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

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

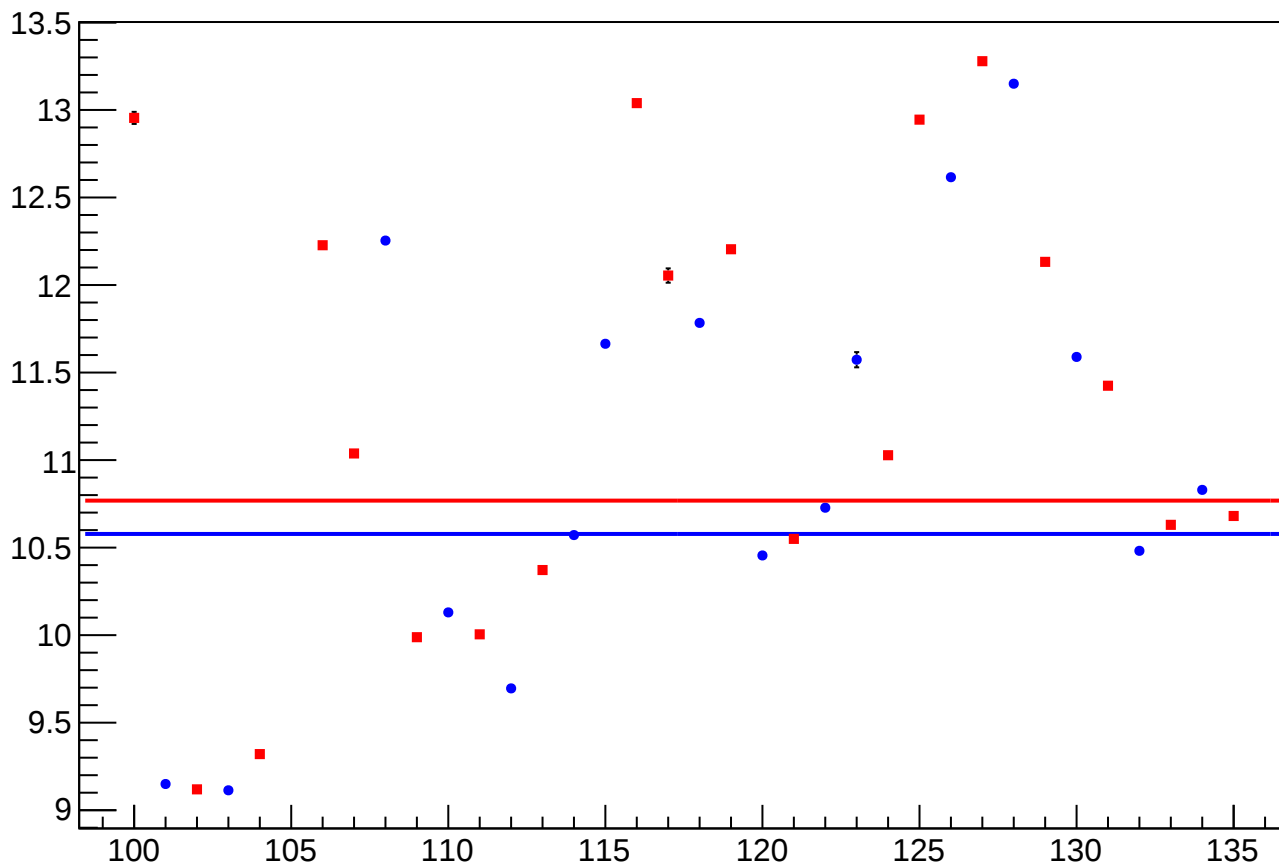
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.836+/-4.414 χ^2/NDF : 18.5/15

2.403+/-3.015 χ^2/NDF : 53.5/34

10.481+/-4.128 χ^2/NDF : 26.8/18

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



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

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

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

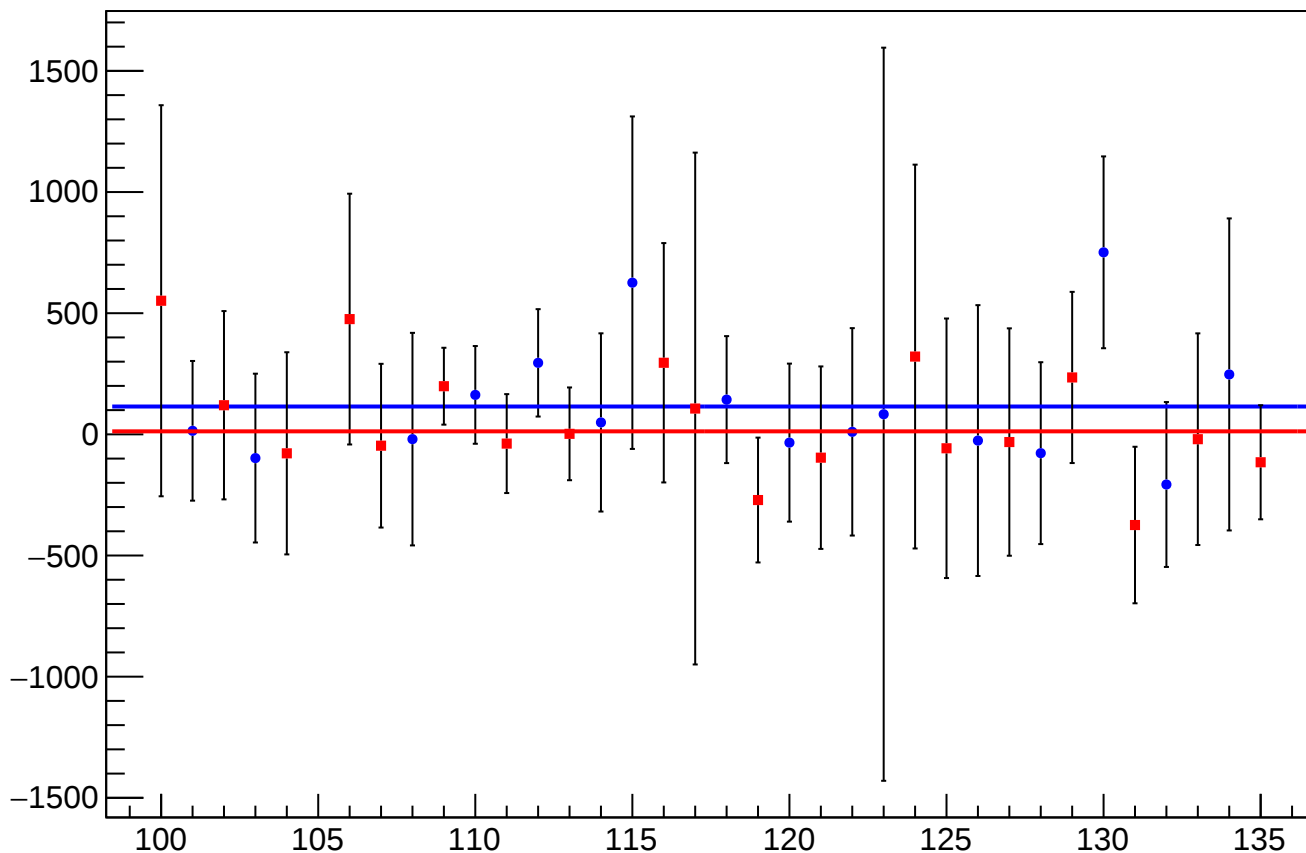
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.578+/-0.003 χ^2/NDF : 160230.3/15

10.680+/-0.002 χ^2/NDF : 339707.3/34

10.768+/-0.003 χ^2/NDF : 177491.6/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 12.426 $\pm$ 71.598 χ^2 /NDF: 6.8/18

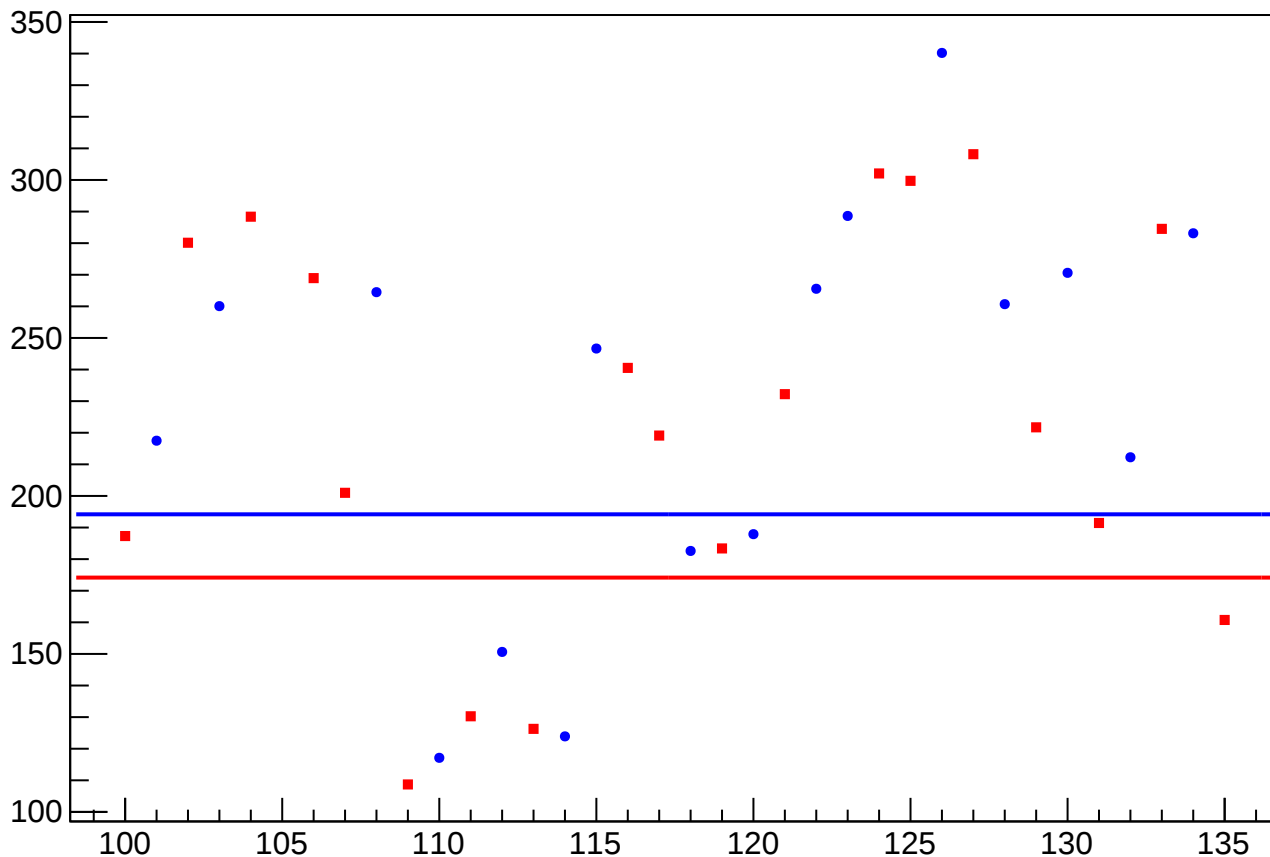
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

114.902 $\pm$ 85.265 χ^2 /NDF: 6.0/15

54.803 $\pm$ 54.831 χ^2 /NDF: 13.7/34

12.426 $\pm$ 71.598 χ^2 /NDF: 6.8/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

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

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

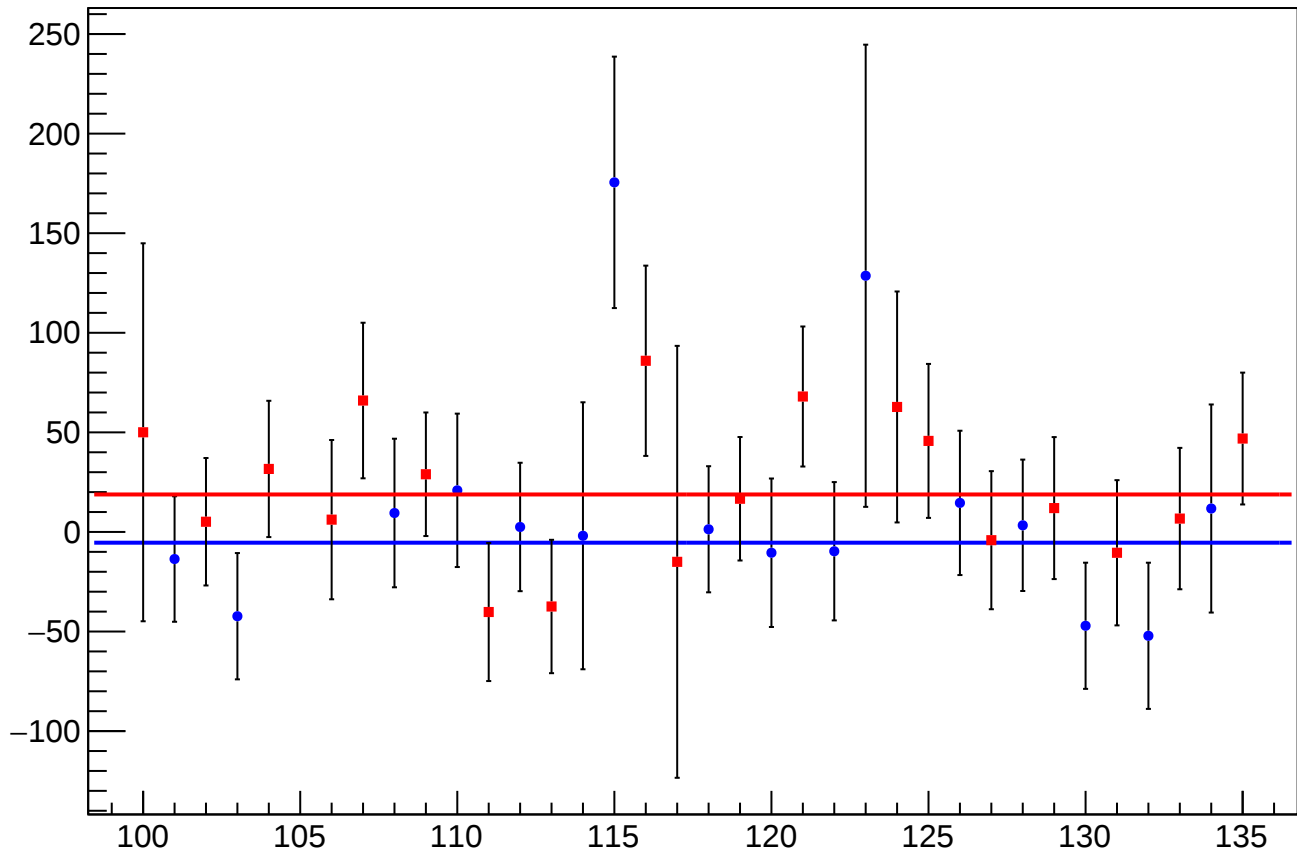
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.186+/-0.060 χ^2/NDF : 975842.6/15

182.440+/-0.039 χ^2/NDF : 2568988.8/34

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

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.398+/-9.433 χ^2/NDF : 15.6/15

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

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

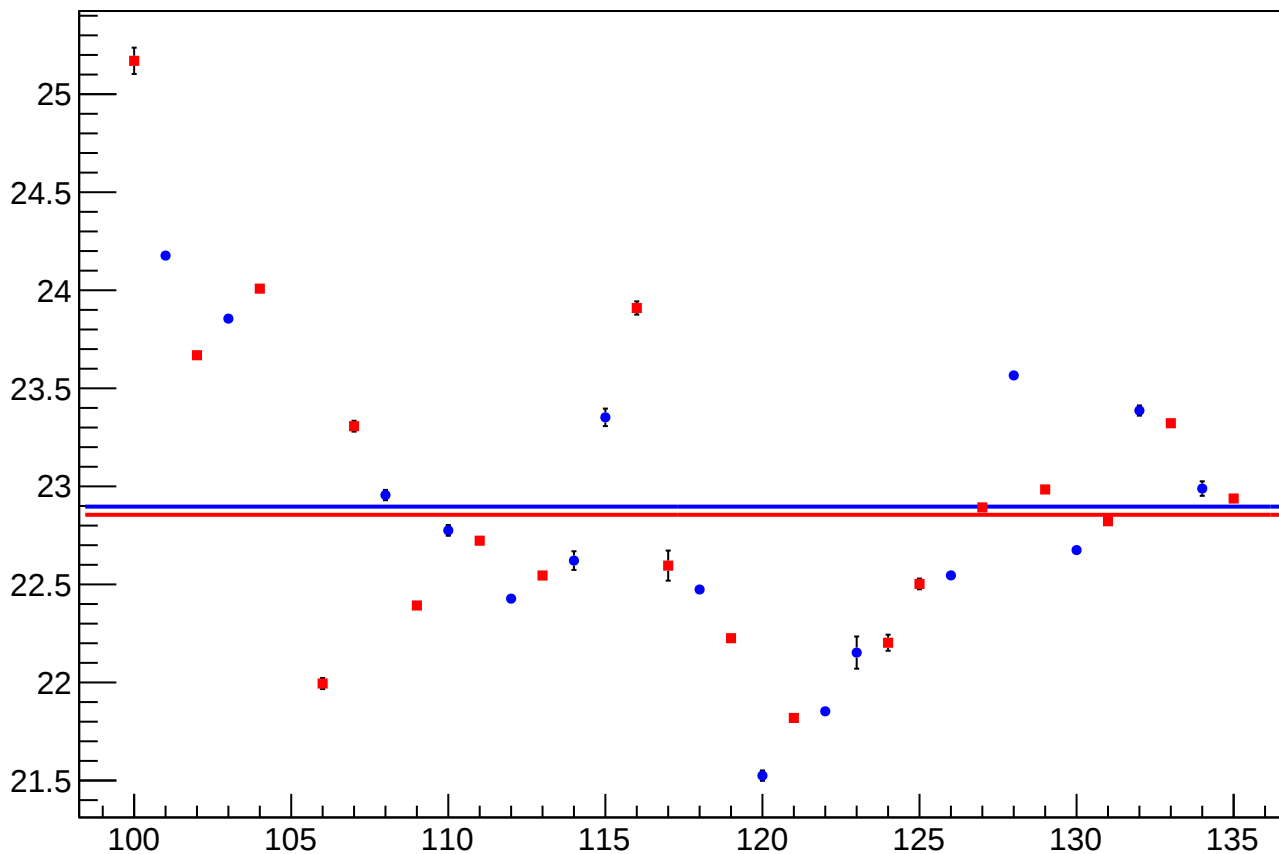
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.398+/-9.433 χ^2/NDF : 15.6/15

7.774+/-6.370 χ^2/NDF : 34.0/34

18.819+/-8.638 χ^2/NDF : 14.9/18

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

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

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

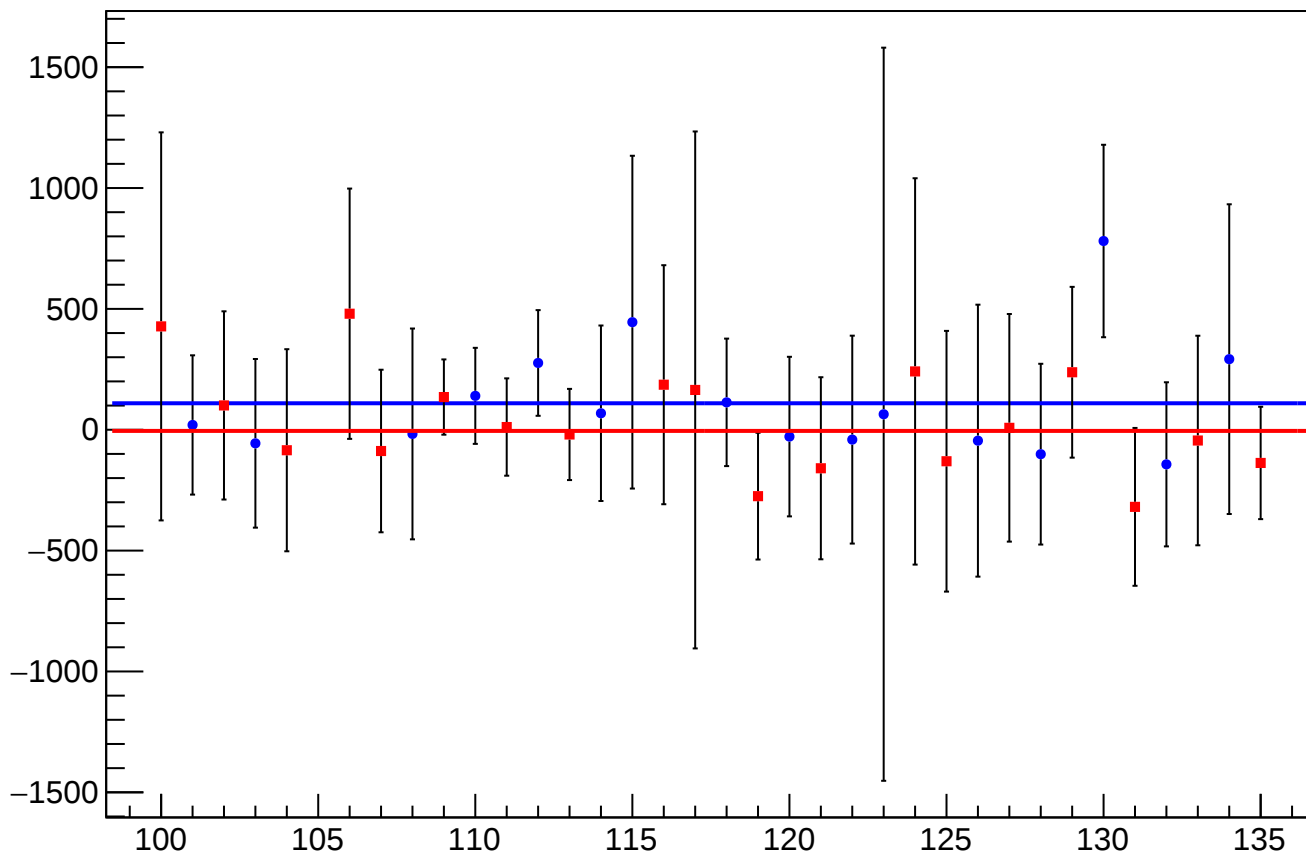
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.897+/-0.007 χ^2/NDF : 12142.8/15

22.874+/-0.005 χ^2/NDF : 23114.1/34

22.855+/-0.006 χ^2/NDF : 10950.1/18

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

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

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

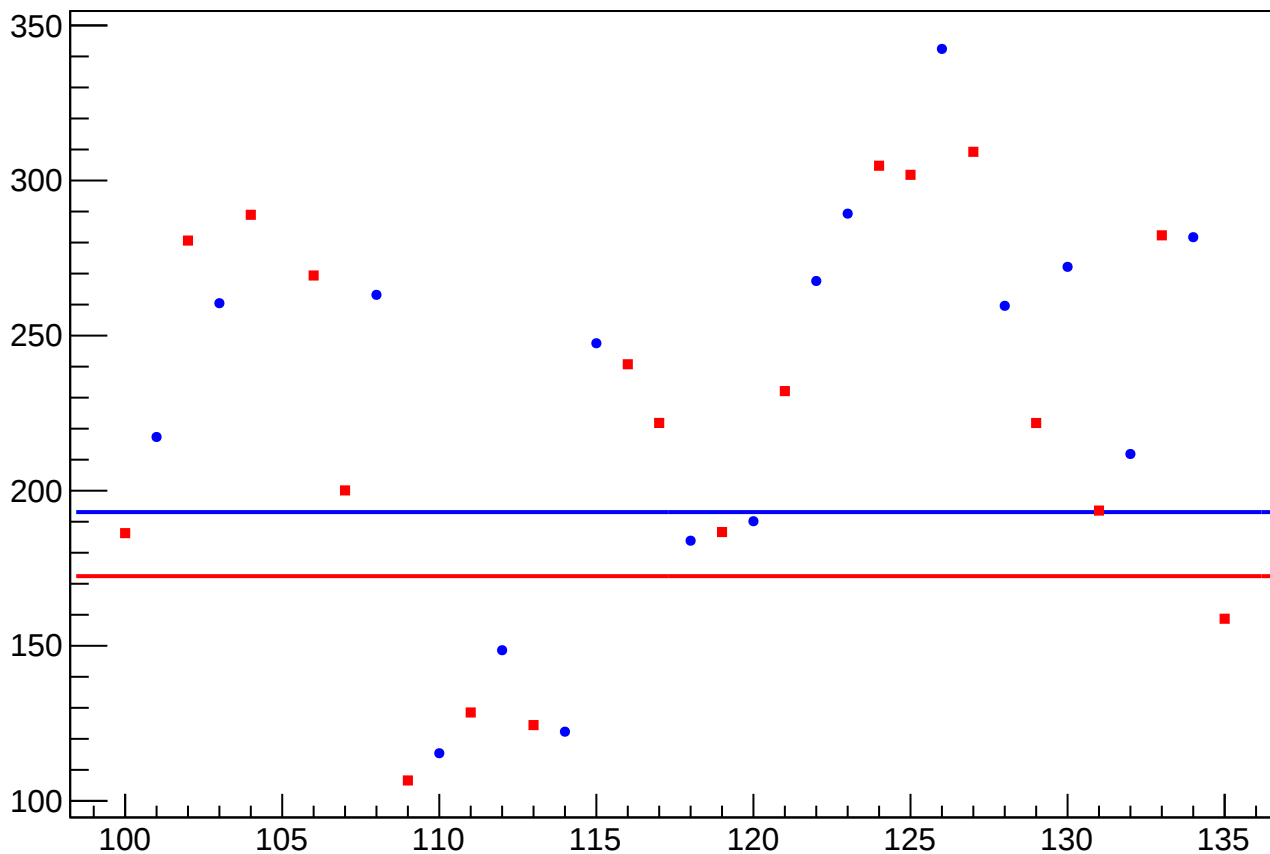
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

109.544 $\pm$ 84.937 χ^2 /NDF: 5.4/15

42.301 $\pm$ 54.521 χ^2 /NDF: 11.9/34

-4.824 $\pm$ 71.103 χ^2 /NDF: 5.4/18

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

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

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

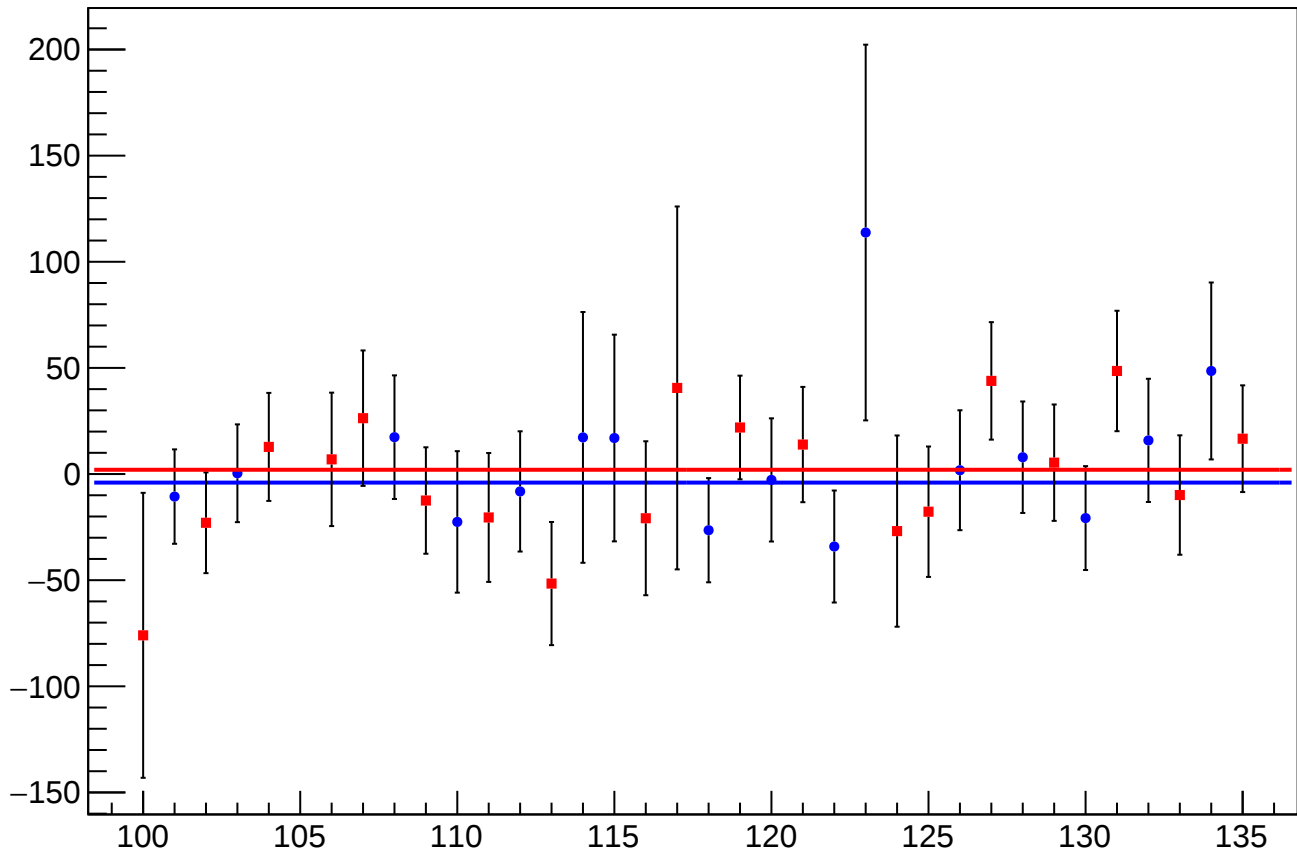
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

180.960+/-0.039 χ^2/NDF : 2682836.7/34

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

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

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

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

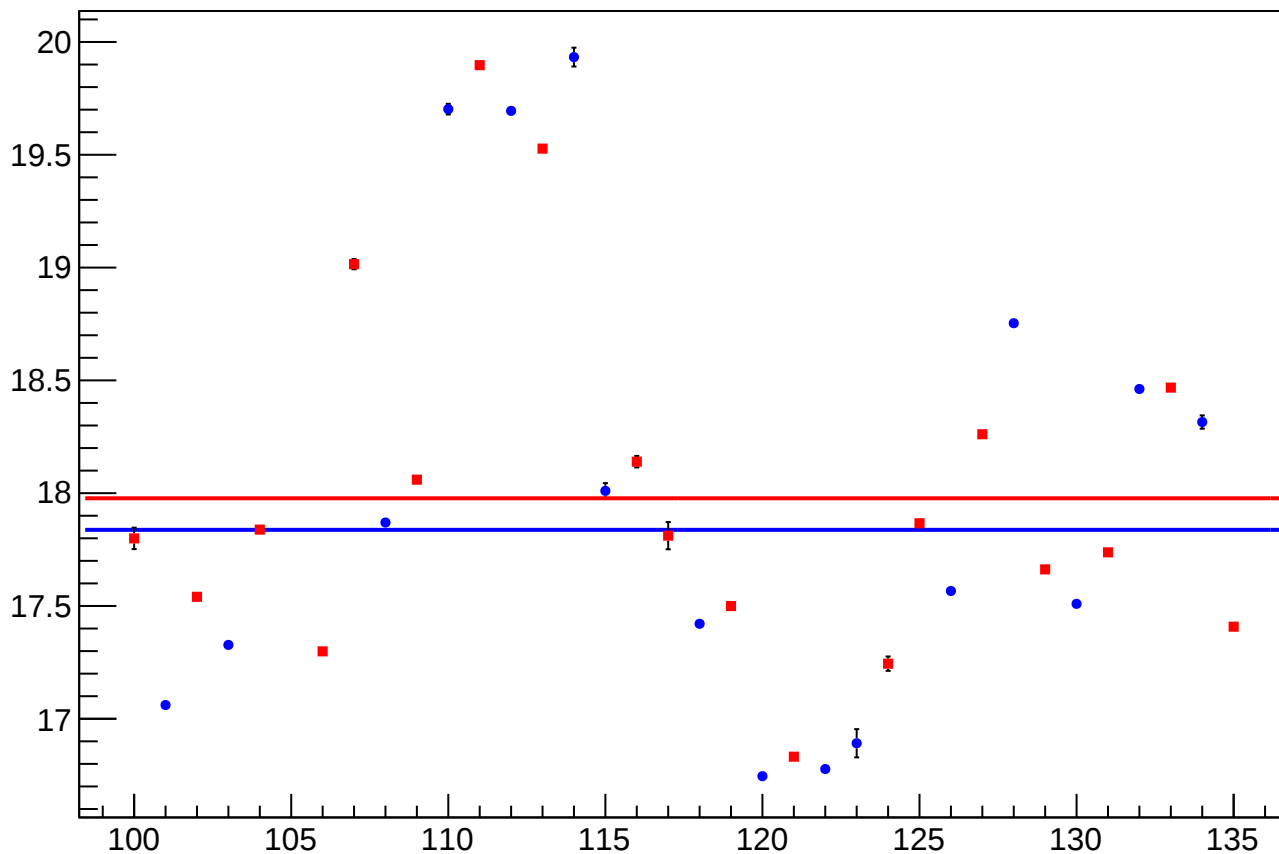
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.031+/-7.354 χ^2 /NDF: 8.0/15

-0.773+/-4.994 χ^2 /NDF: 23.7/34

2.015+/-6.803 χ^2 /NDF: 15.3/18

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

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

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

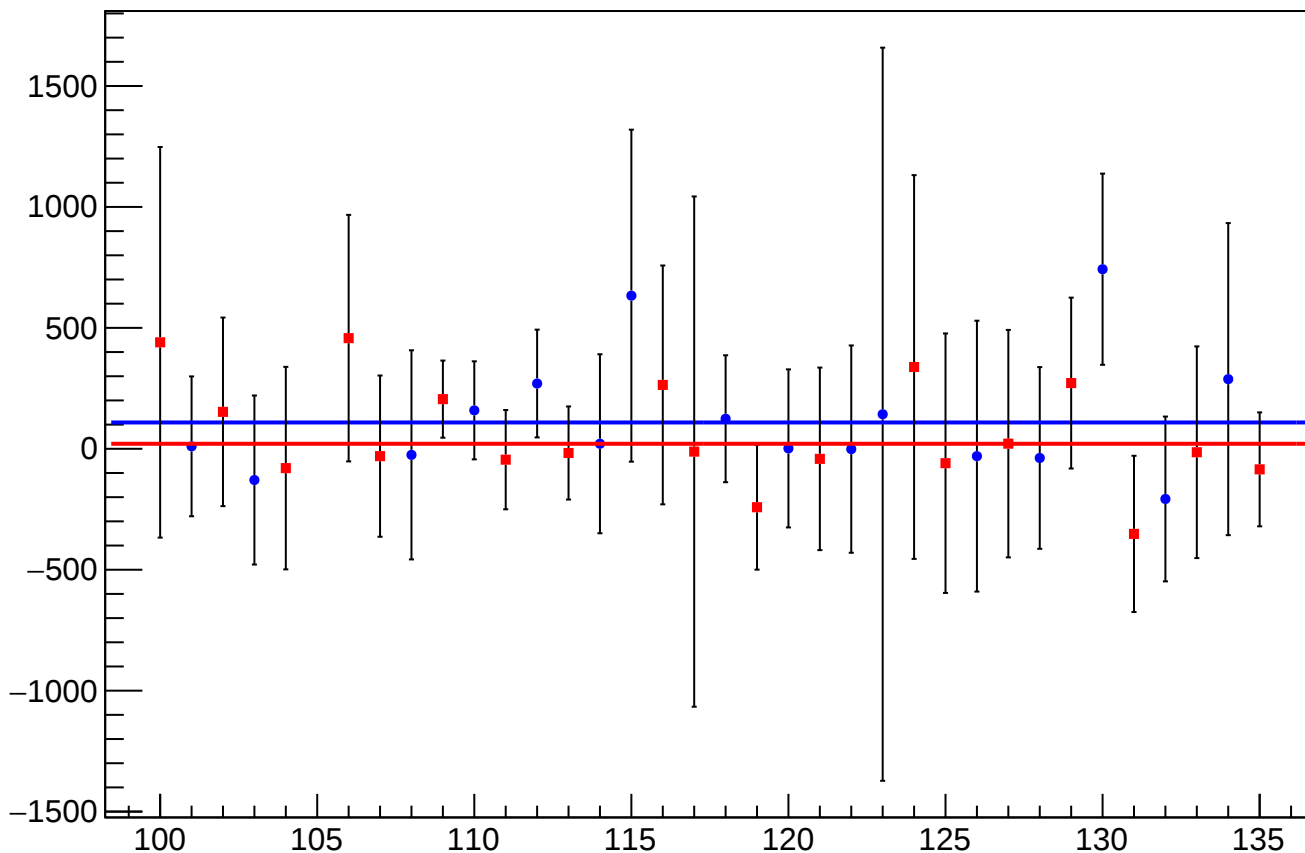
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.837+/-0.005 χ^2/NDF : 31859.9/15

17.913+/-0.004 χ^2/NDF : 56952.0/34

17.977+/-0.005 χ^2/NDF : 24702.0/18

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 108.871 $\pm$ 85.475 χ^2 /NDF: 5.8/15

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

Right Out: 20.762 $\pm$ 71.755 χ^2 /NDF: 6.2/18

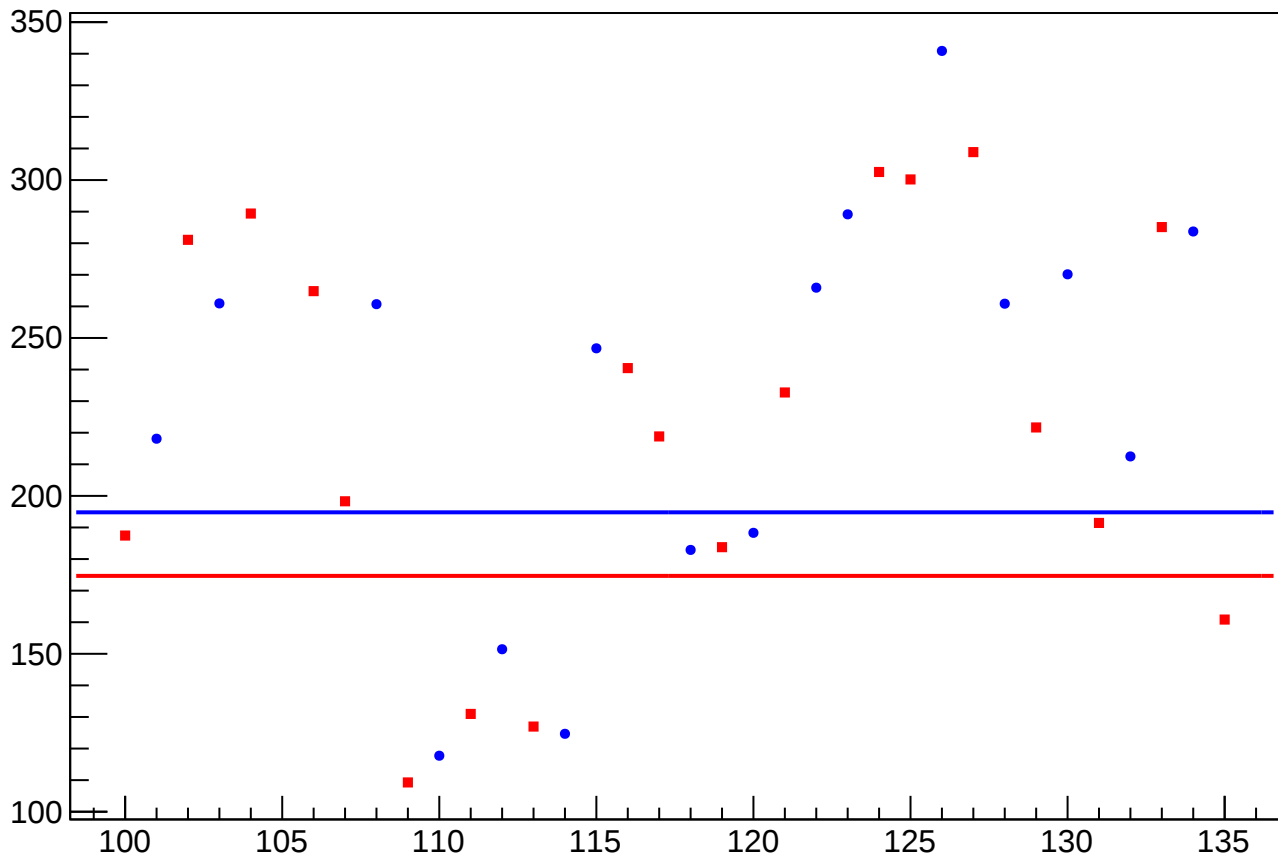
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.871 $\pm$ 85.475 χ^2 /NDF: 5.8/15

57.186 $\pm$ 54.957 χ^2 /NDF: 12.6/34

20.762 $\pm$ 71.755 χ^2 /NDF: 6.2/18

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

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

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

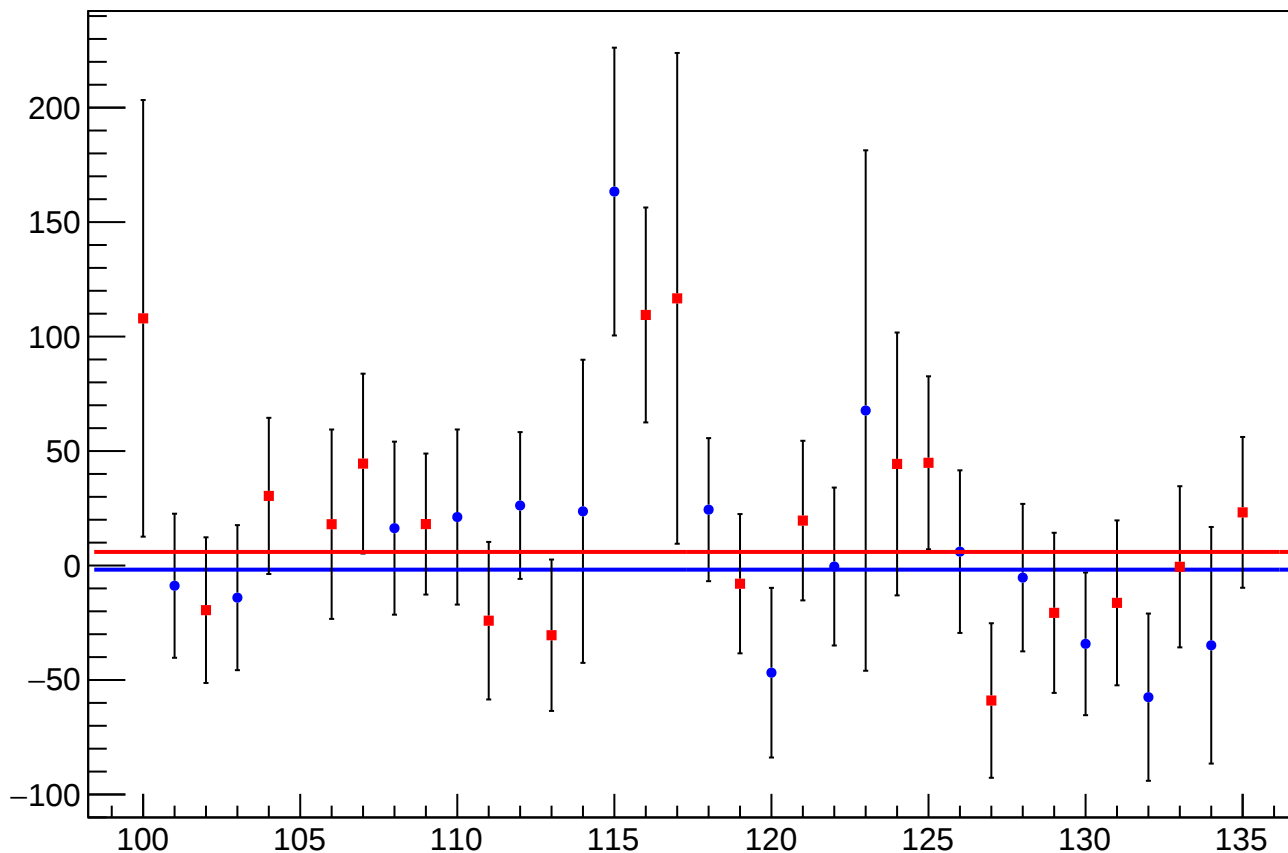
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

182.991 $\pm$ 0.039 χ^2 /NDF: 2536673.4/34

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

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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

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

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

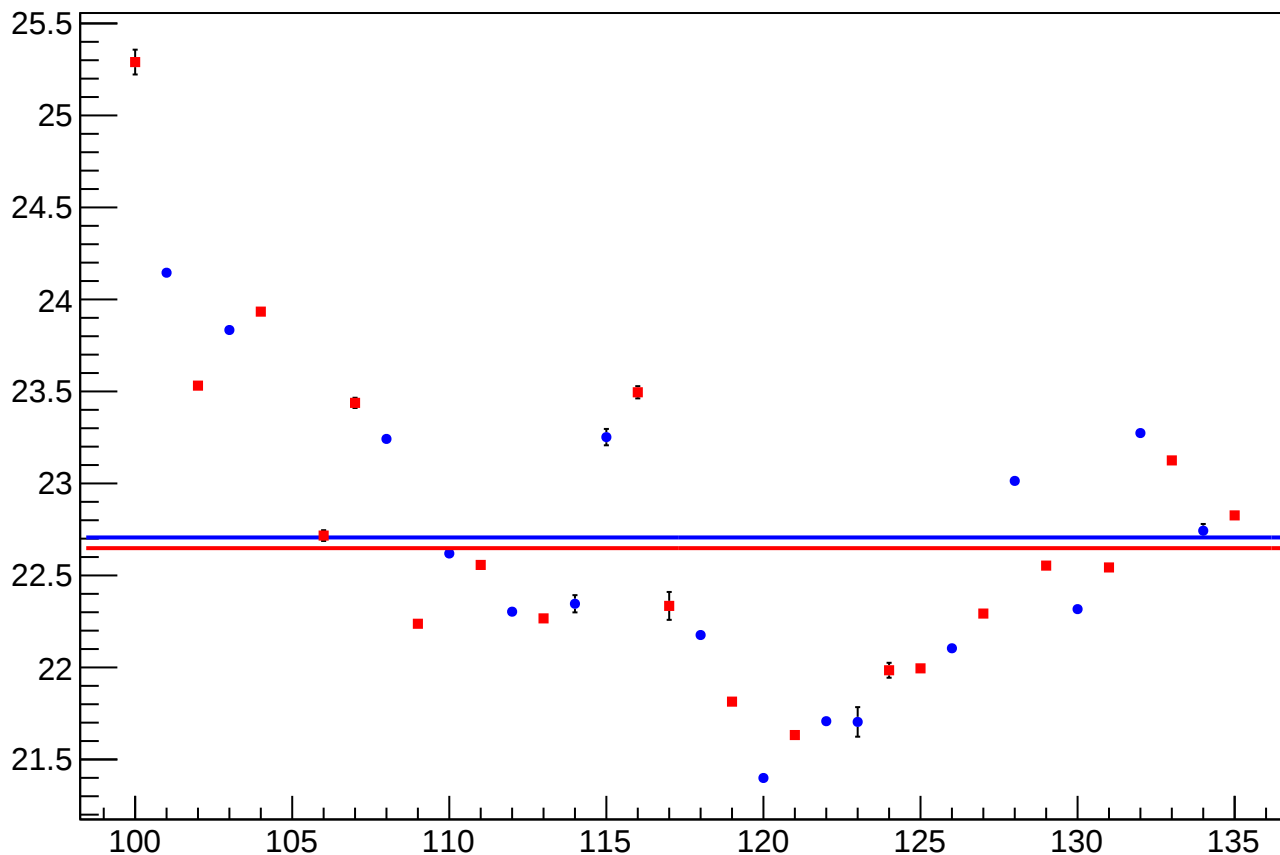
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.802+/-9.355 χ^2/NDF : 15.0/15

2.413+/-6.315 χ^2/NDF : 33.7/34

5.941+/-8.559 χ^2/NDF : 18.2/18

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



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

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

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

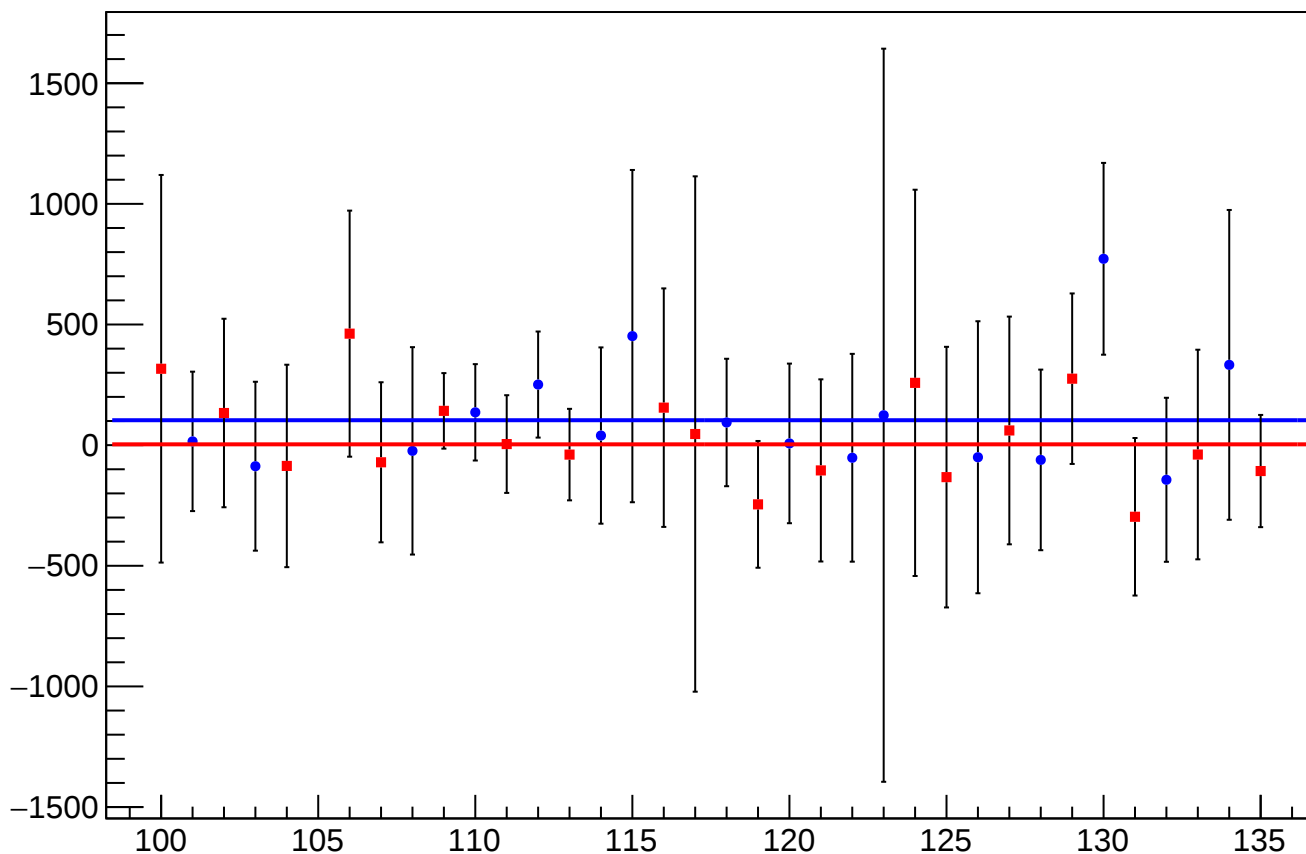
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.706+/-0.007 χ^2/NDF : 14104.6/15

22.675+/-0.004 χ^2/NDF : 26929.8/34

22.648+/-0.006 χ^2/NDF : 12783.2/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

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

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

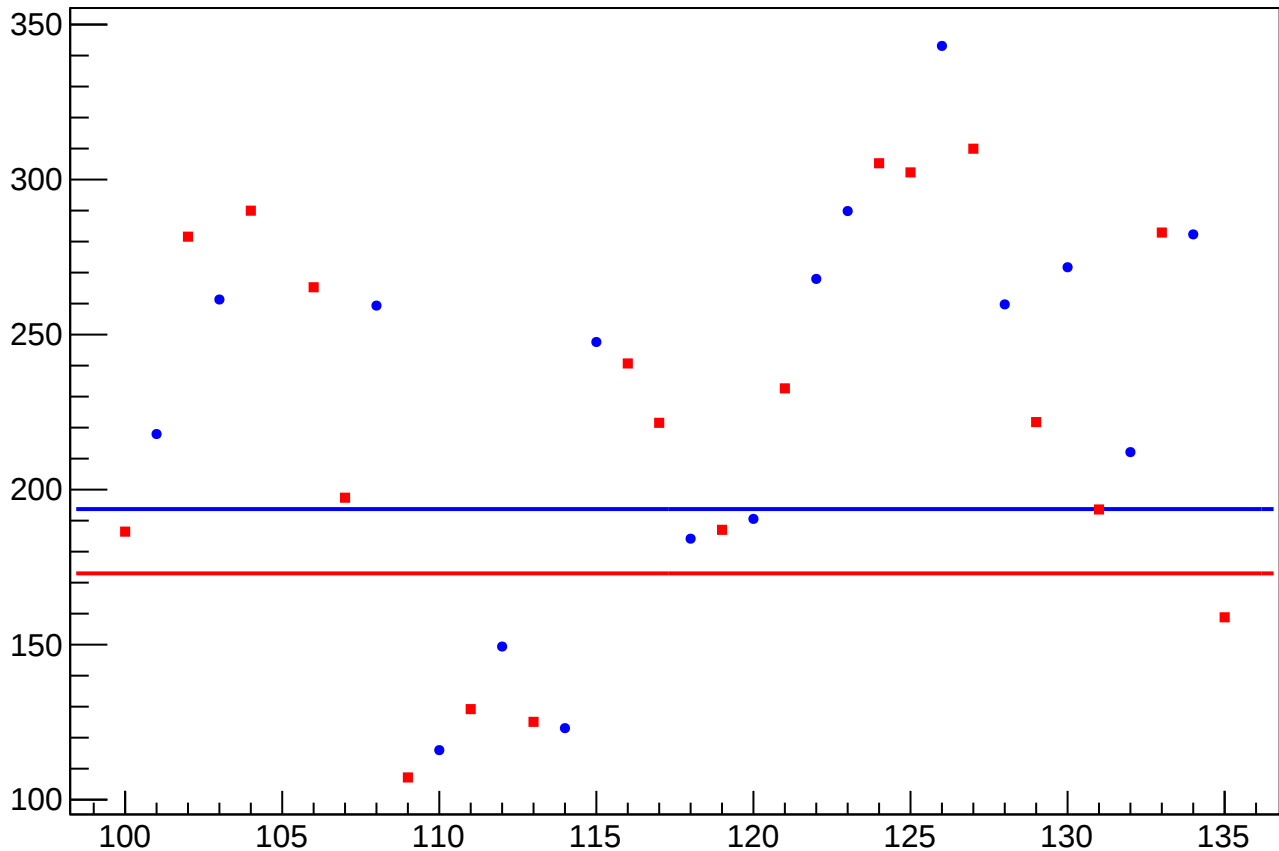
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.277 $\pm$ 85.150 χ^2 /NDF: 5.2/15

44.514 $\pm$ 54.651 χ^2 /NDF: 11.0/34

3.353 $\pm$ 71.265 χ^2 /NDF: 4.9/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

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

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

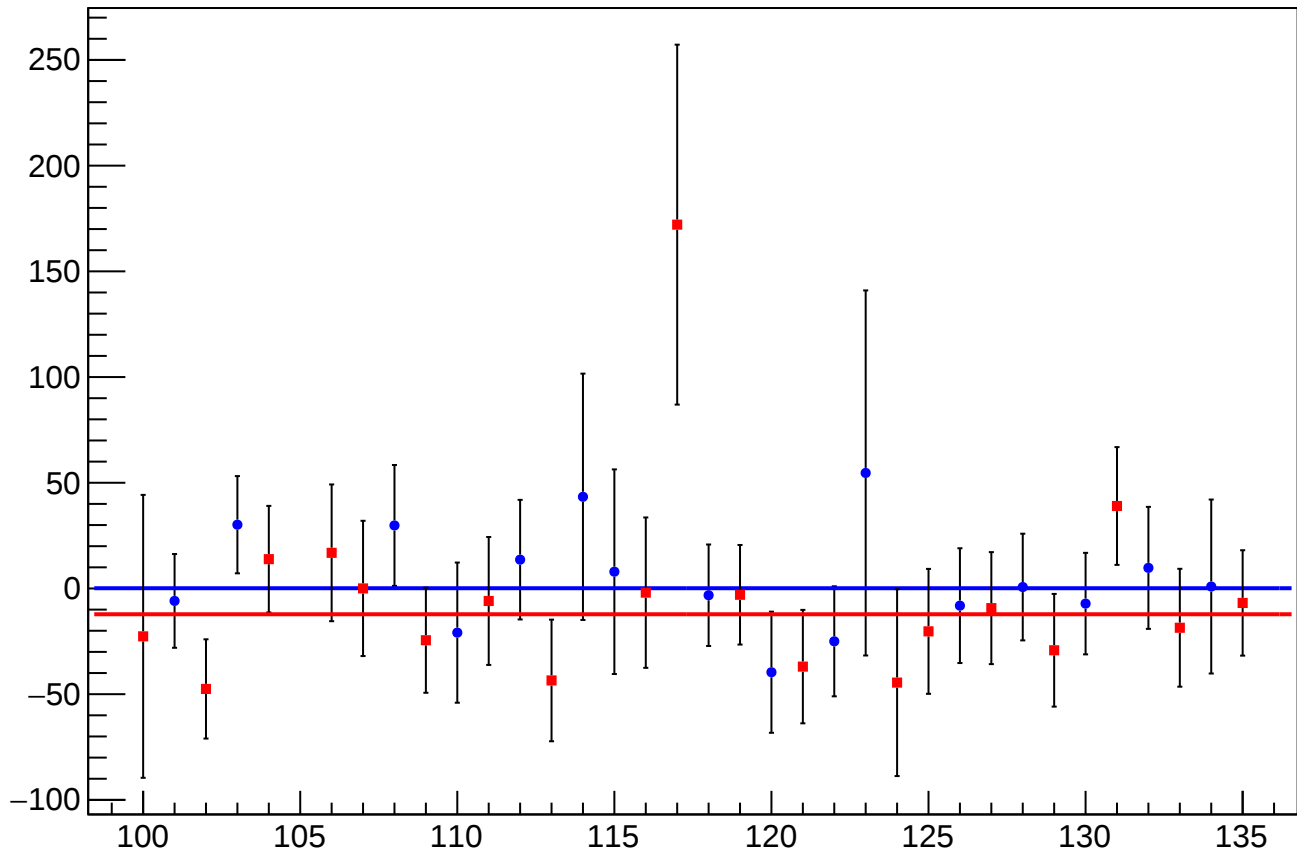
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

181.526+/-0.039 χ^2/NDF : 2648916.3/34

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

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -12.195+/-6.702 χ^2/NDF : 16.1/18

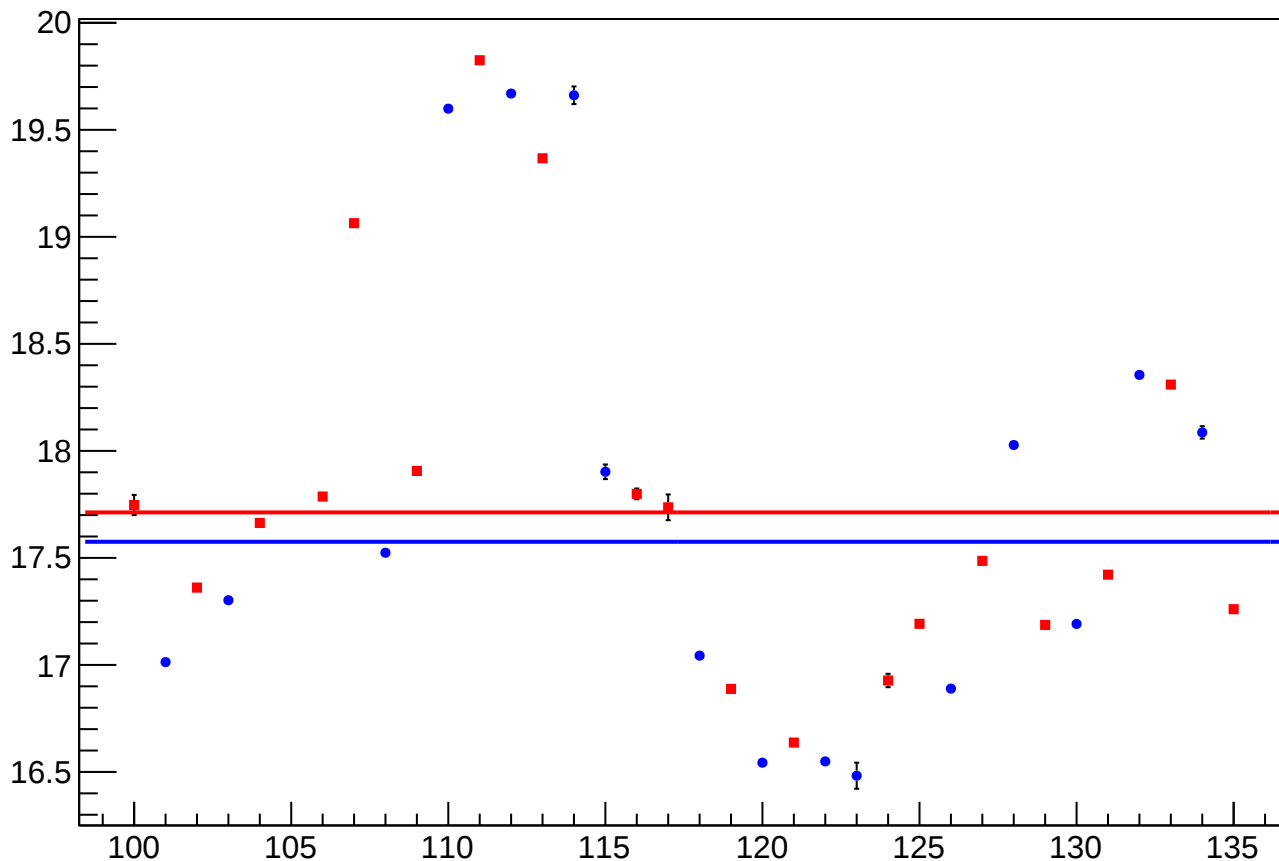
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.115+/-7.245 χ^2/NDF : 7.6/15

-6.519+/-4.920 χ^2/NDF : 25.3/34

-12.195+/-6.702 χ^2/NDF : 16.1/18

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



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

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

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

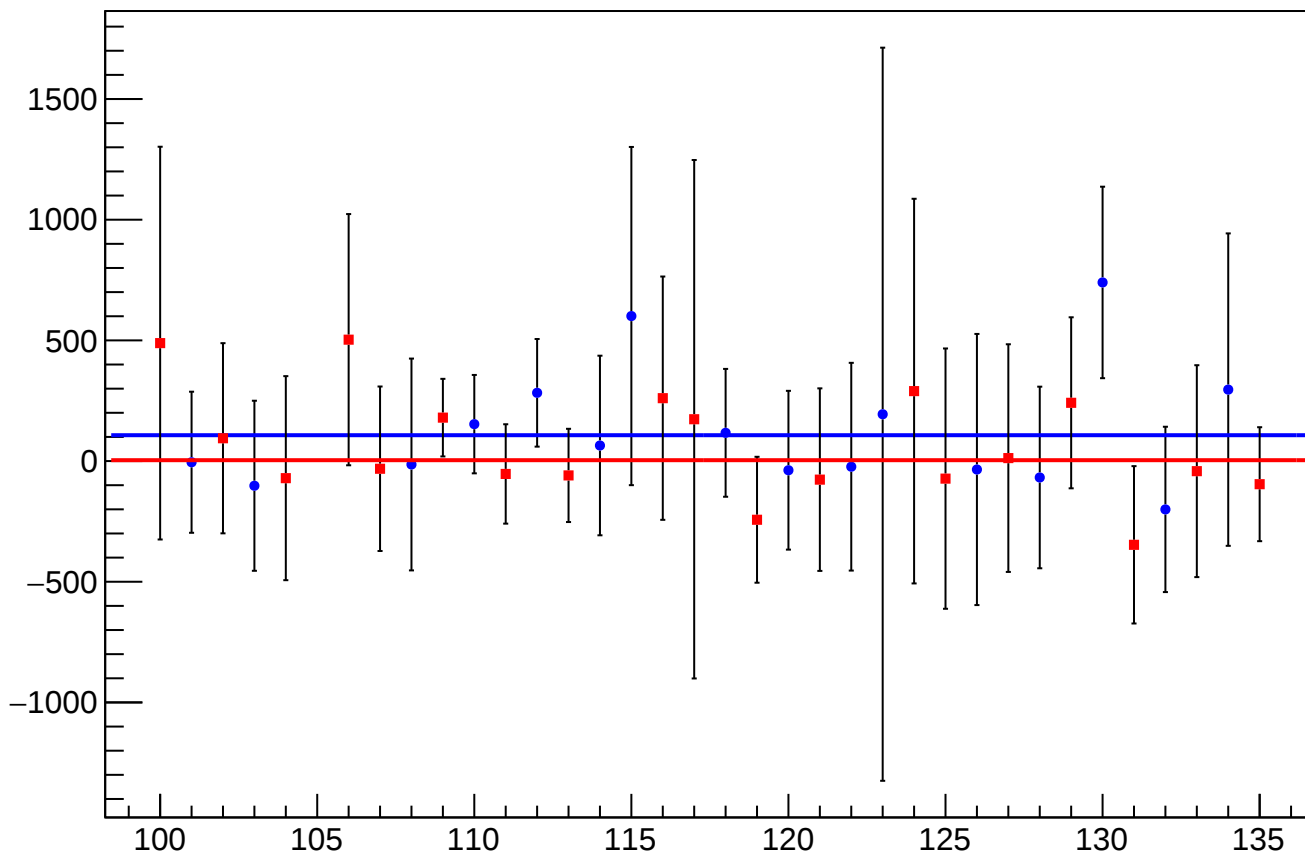
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.575+/-0.005 χ^2/NDF : 33856.3/15

17.649+/-0.003 χ^2/NDF : 64421.0/34

17.713+/-0.005 χ^2/NDF : 30178.0/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



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

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

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

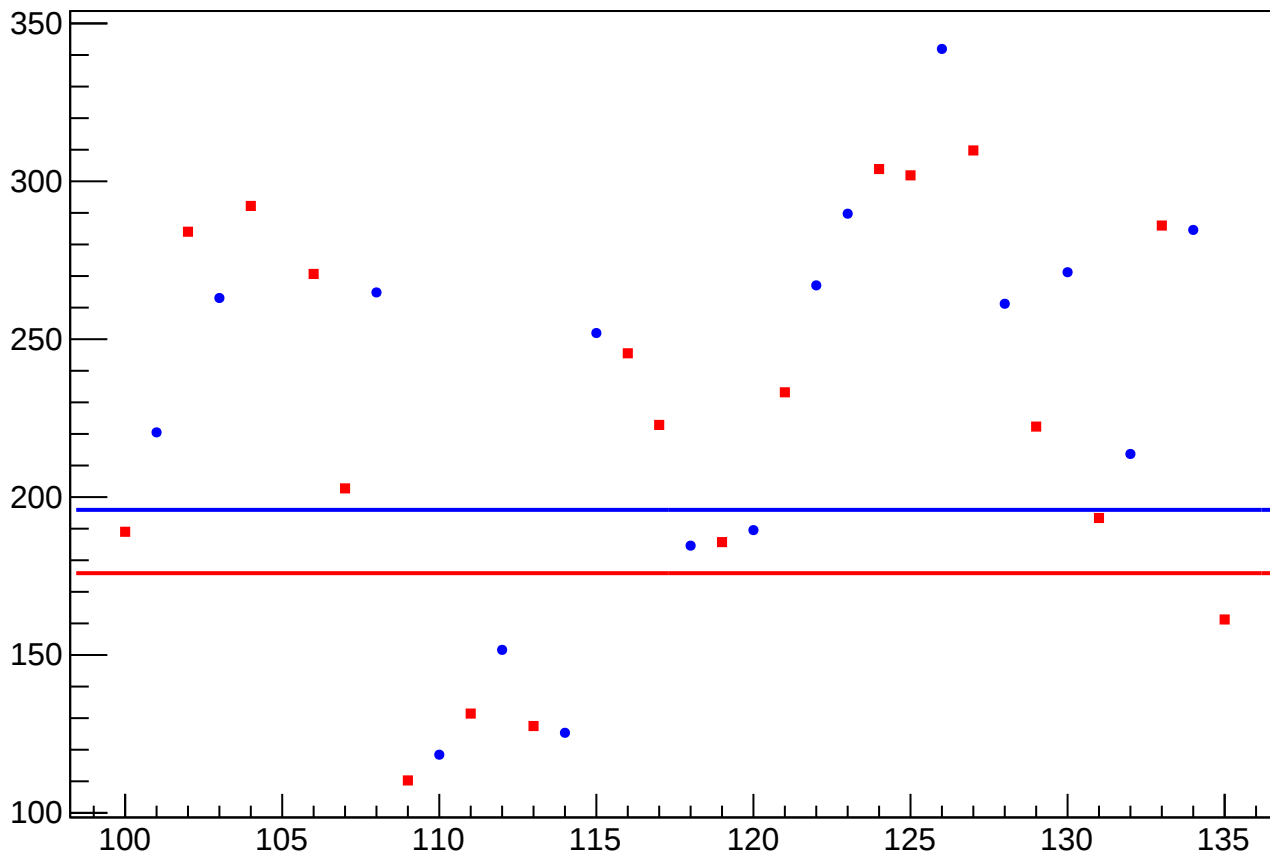
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.150 $\pm$ 85.991 χ^2 /NDF: 5.8/15

46.476 $\pm$ 55.324 χ^2 /NDF: 12.5/34

3.626 $\pm$ 72.266 χ^2 /NDF: 5.9/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.957+/-0.061 χ^2/NDF : 965834.0/15

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

Right Out: 175.907+/-0.051 χ^2/NDF : 1519978.5/18

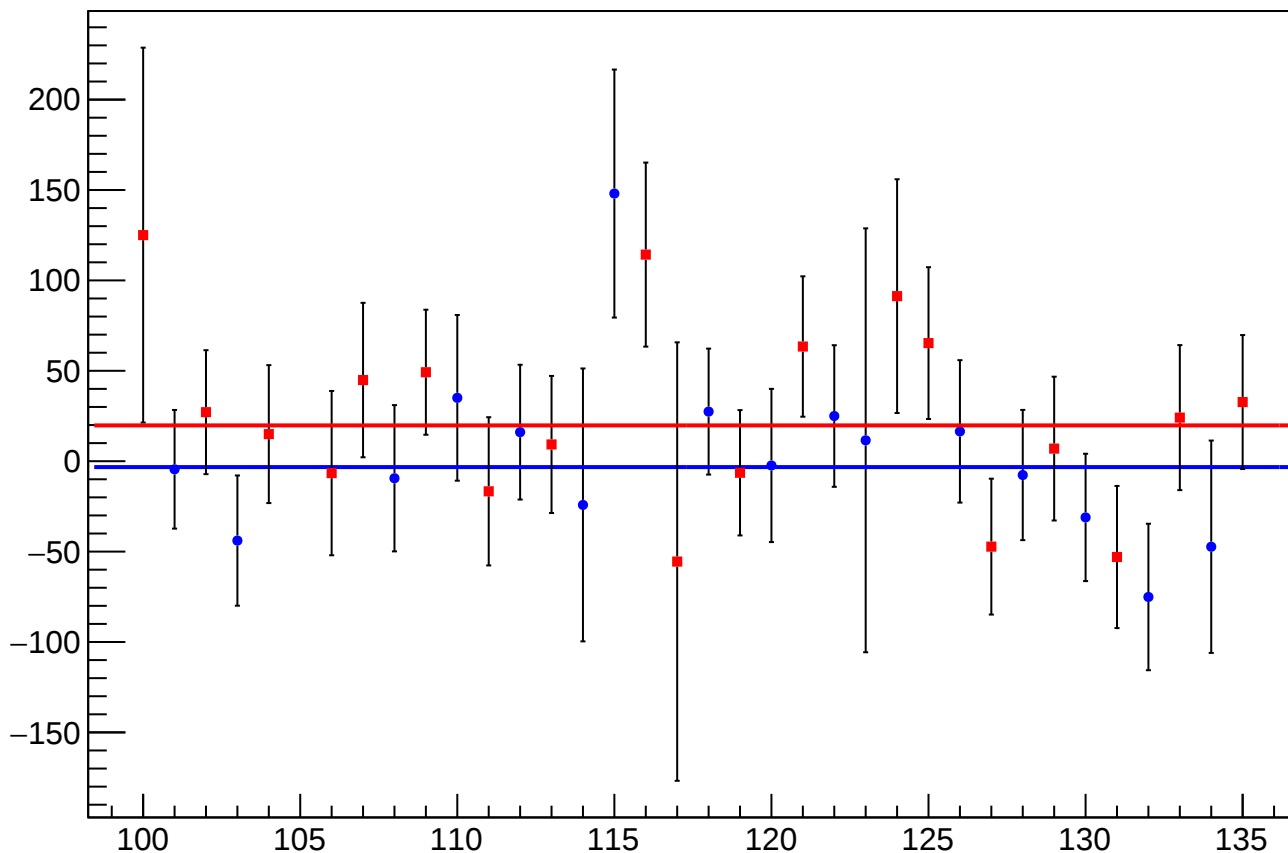
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.957+/-0.061 χ^2/NDF : 965834.0/15

184.206+/-0.039 χ^2/NDF : 2549537.5/34

175.907+/-0.051 χ^2/NDF : 1519978.5/18

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.254 ± 10.471 $\chi^2/\text{NDF}: 13.1/15$

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

Right Out: 19.804 ± 9.585 $\chi^2/\text{NDF}: 18.3/18$

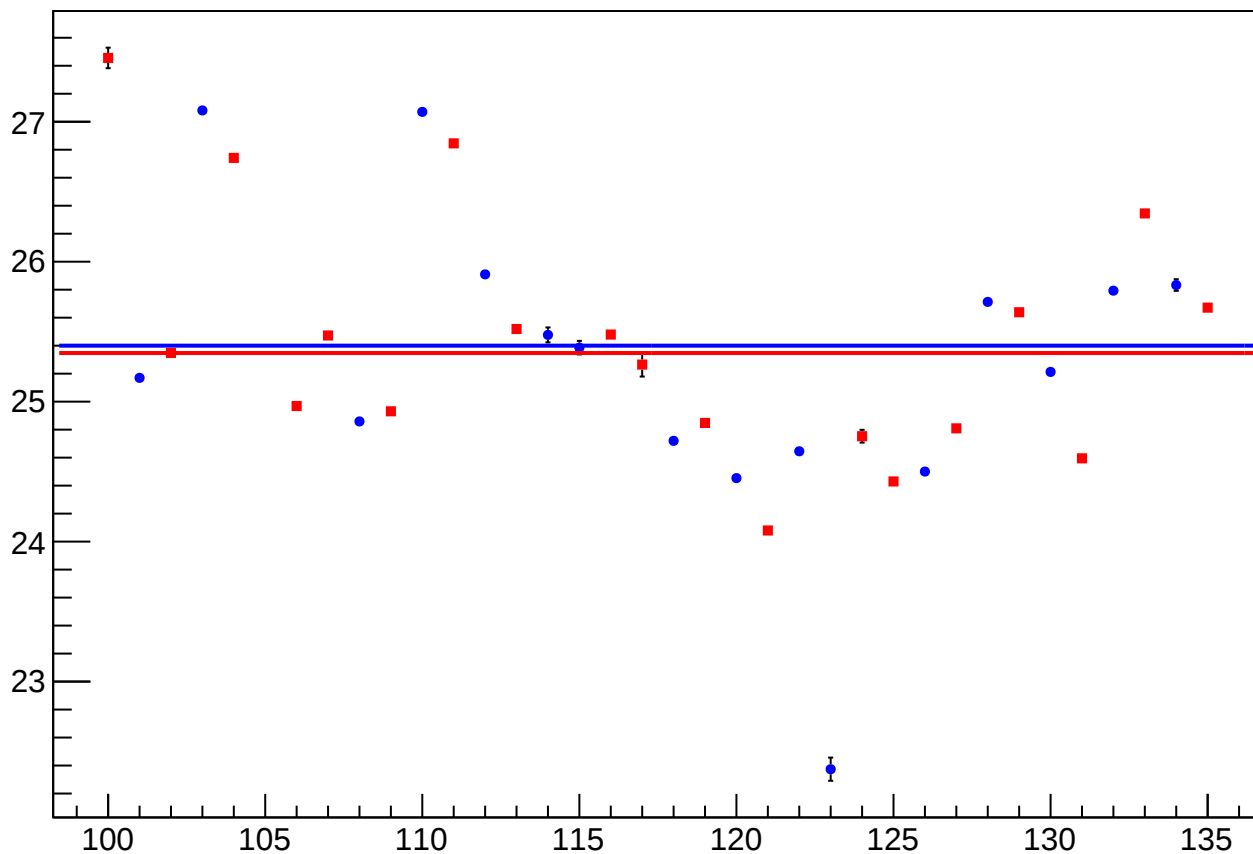
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.254 ± 10.471 $\chi^2/\text{NDF}: 13.1/15$

9.291 ± 7.070 $\chi^2/\text{NDF}: 34.0/34$

19.804 ± 9.585 $\chi^2/\text{NDF}: 18.3/18$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.400 $\pm$ 0.007 χ^2 /NDF: 13227.4/15

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

Right Out: 25.347 $\pm$ 0.007 χ^2 /NDF: 12983.8/18

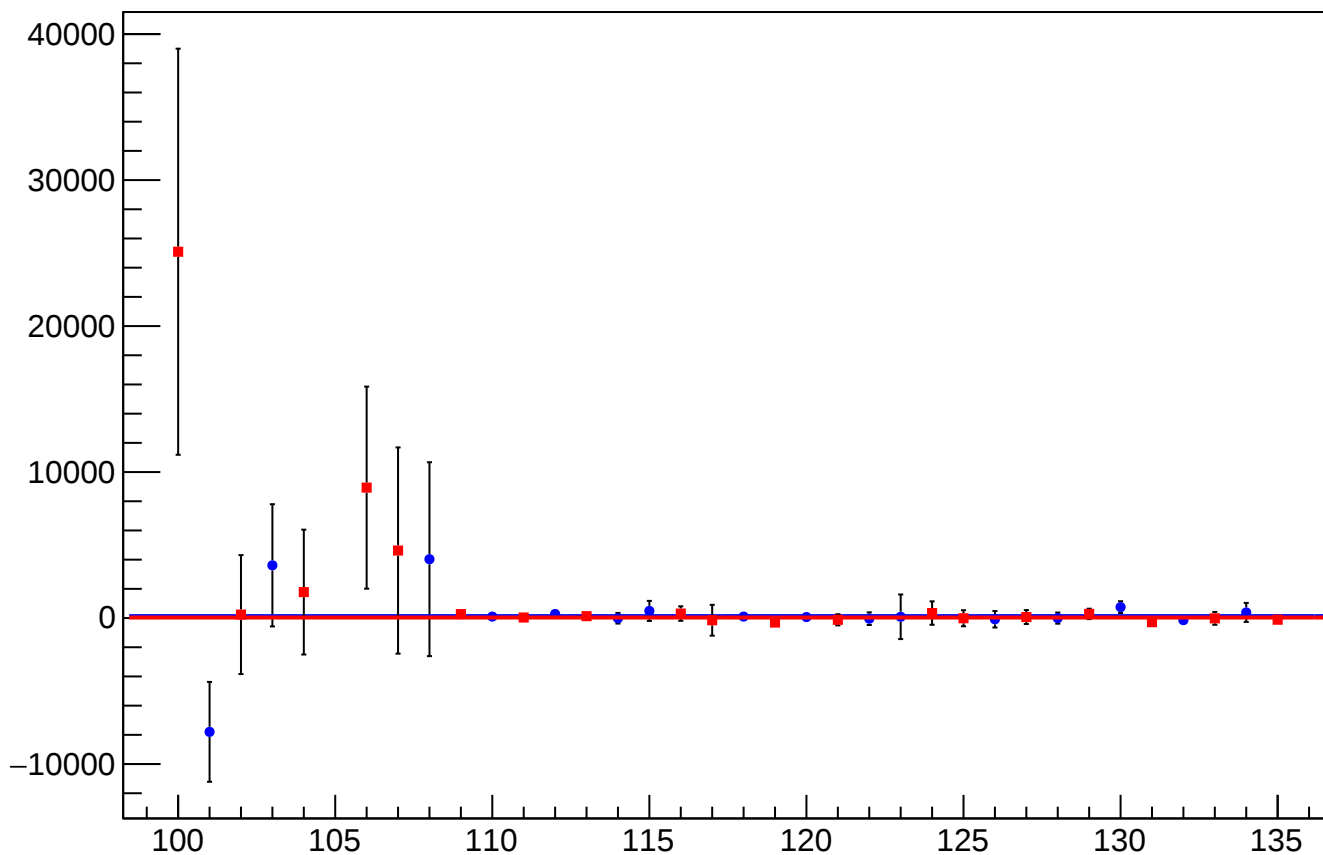
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

25.400 $\pm$ 0.007 χ^2 /NDF: 13227.4/15

25.371 $\pm$ 0.005 χ^2 /NDF: 26238.6/34

25.347 $\pm$ 0.007 χ^2 /NDF: 12983.8/18

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 132.218+/-94.896 χ^2/NDF : 10.9/15

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

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

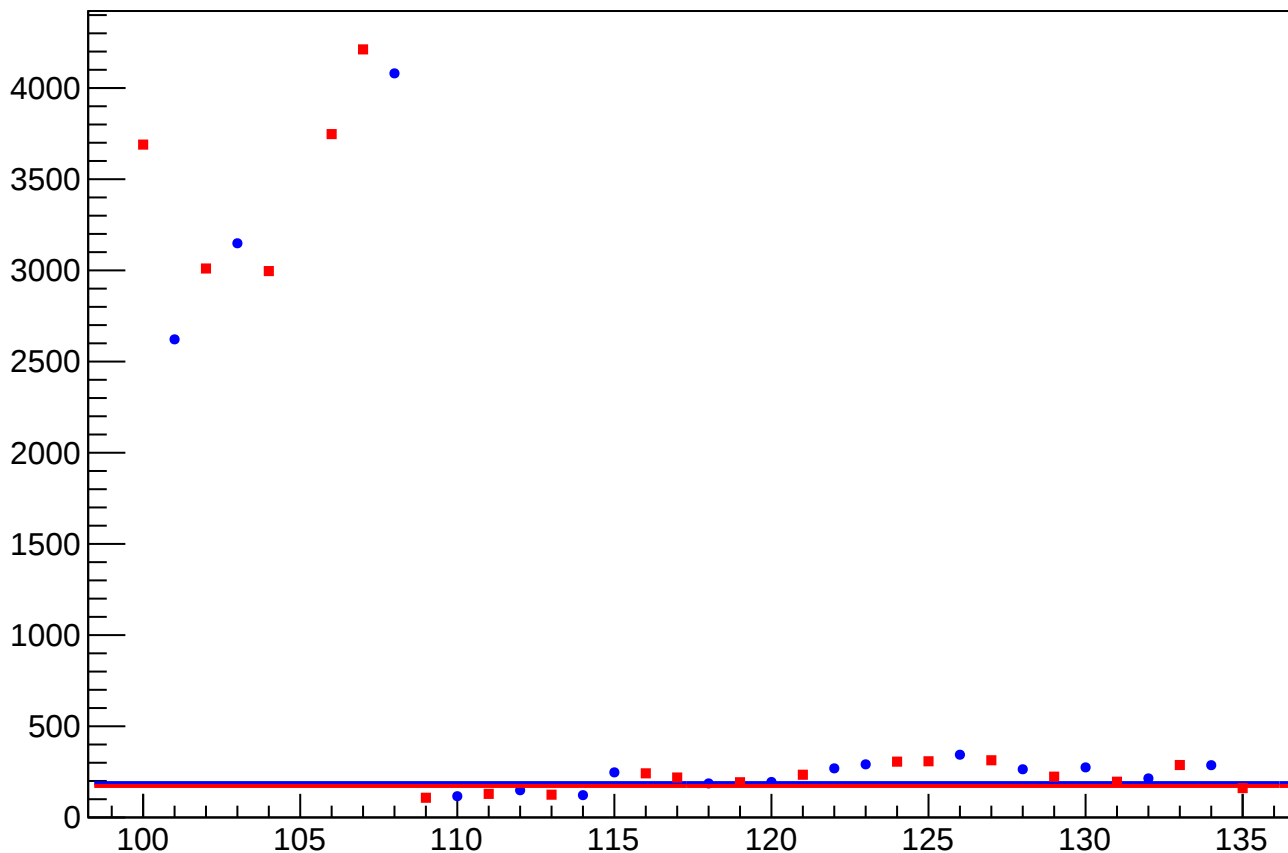
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.218+/-94.896 χ^2/NDF : 10.9/15

76.780+/-62.031 χ^2/NDF : 22.5/34

35.419+/-81.967 χ^2/NDF : 11.0/18

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

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

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

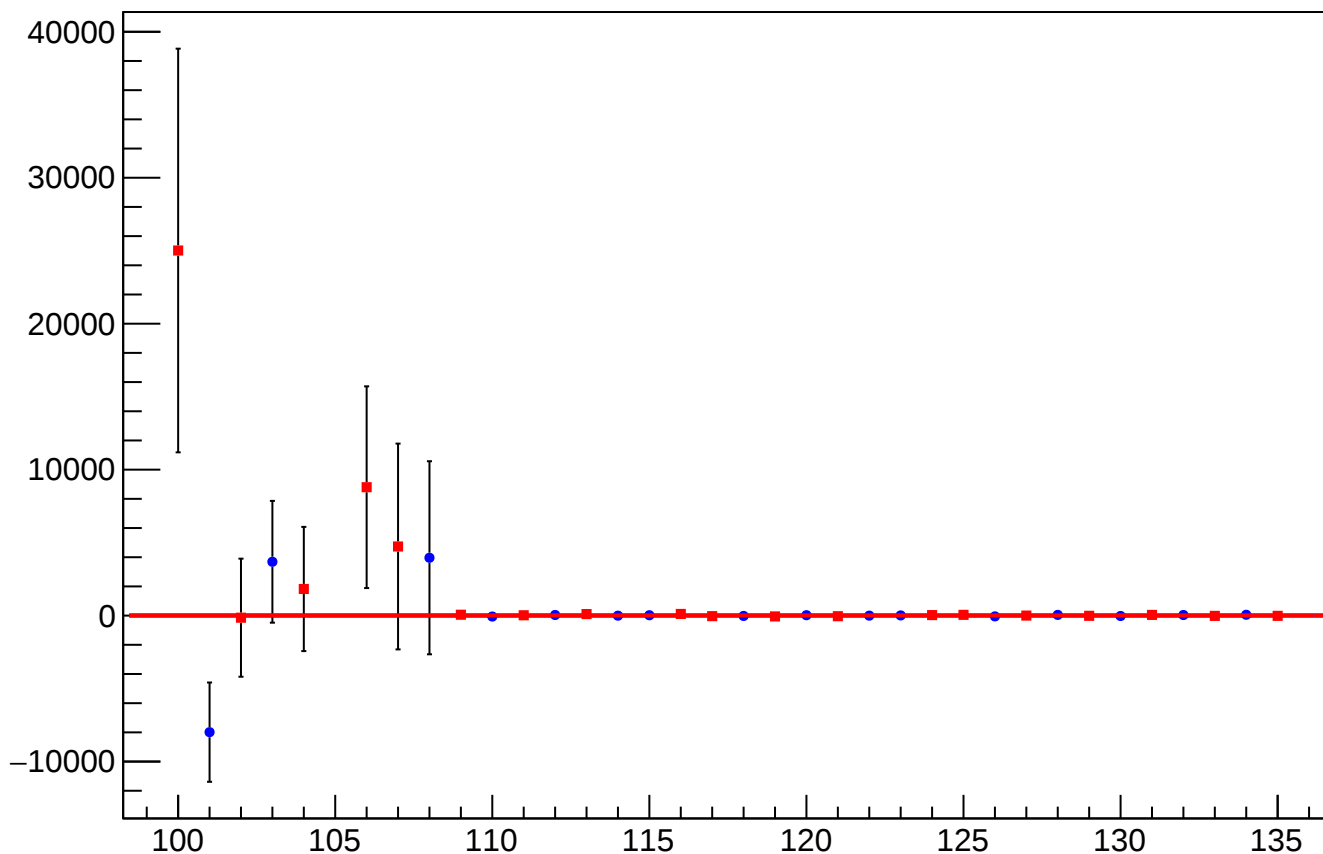
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

179.431+/-0.044 χ^2/NDF : 7795923.3/34

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

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.022+/-13.241 χ^2 /NDF: 15.6/15

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

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

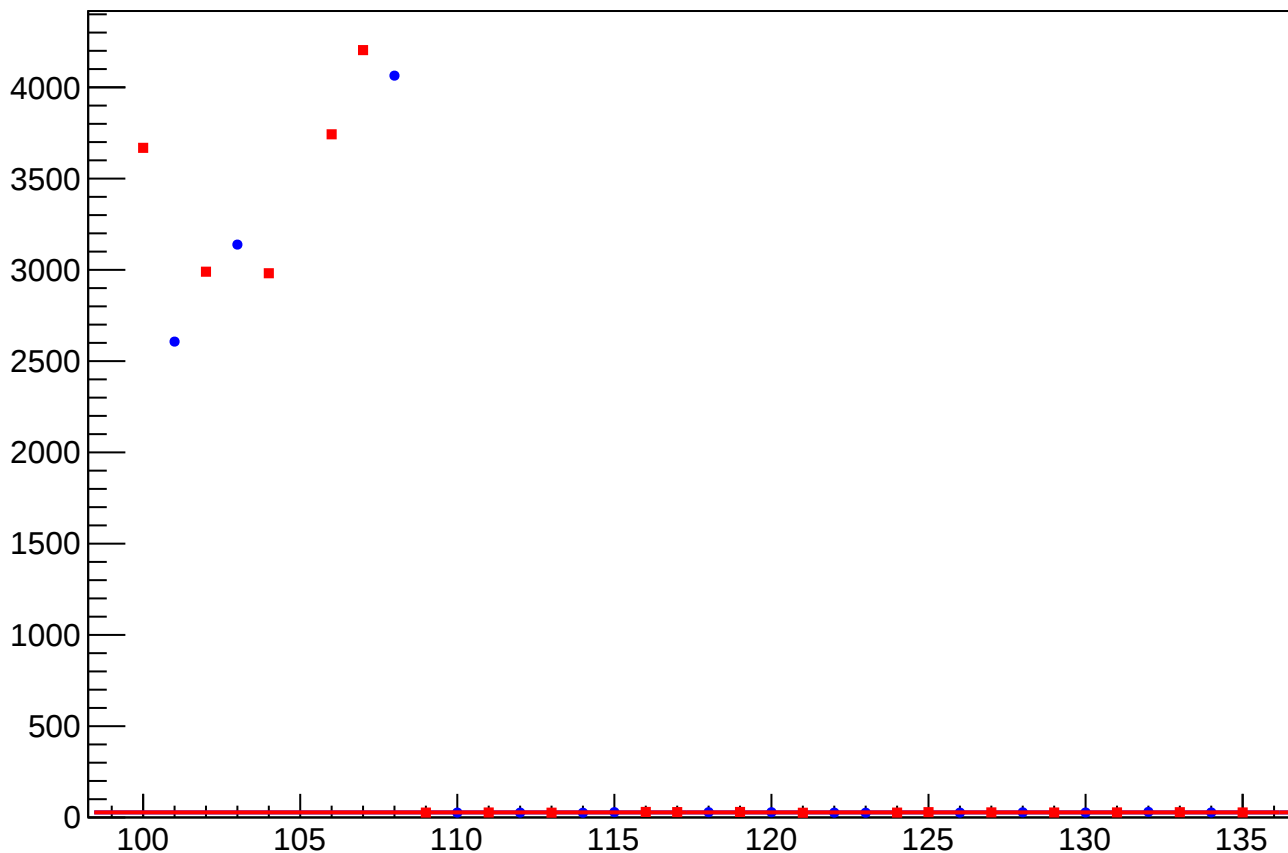
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.022+/-13.241 χ^2 /NDF: 15.6/15

9.544+/-9.053 χ^2 /NDF: 38.5/34

16.147+/-12.406 χ^2 /NDF: 22.2/18

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.711+/-0.009 χ^2/NDF : 3025712.6/15

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

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

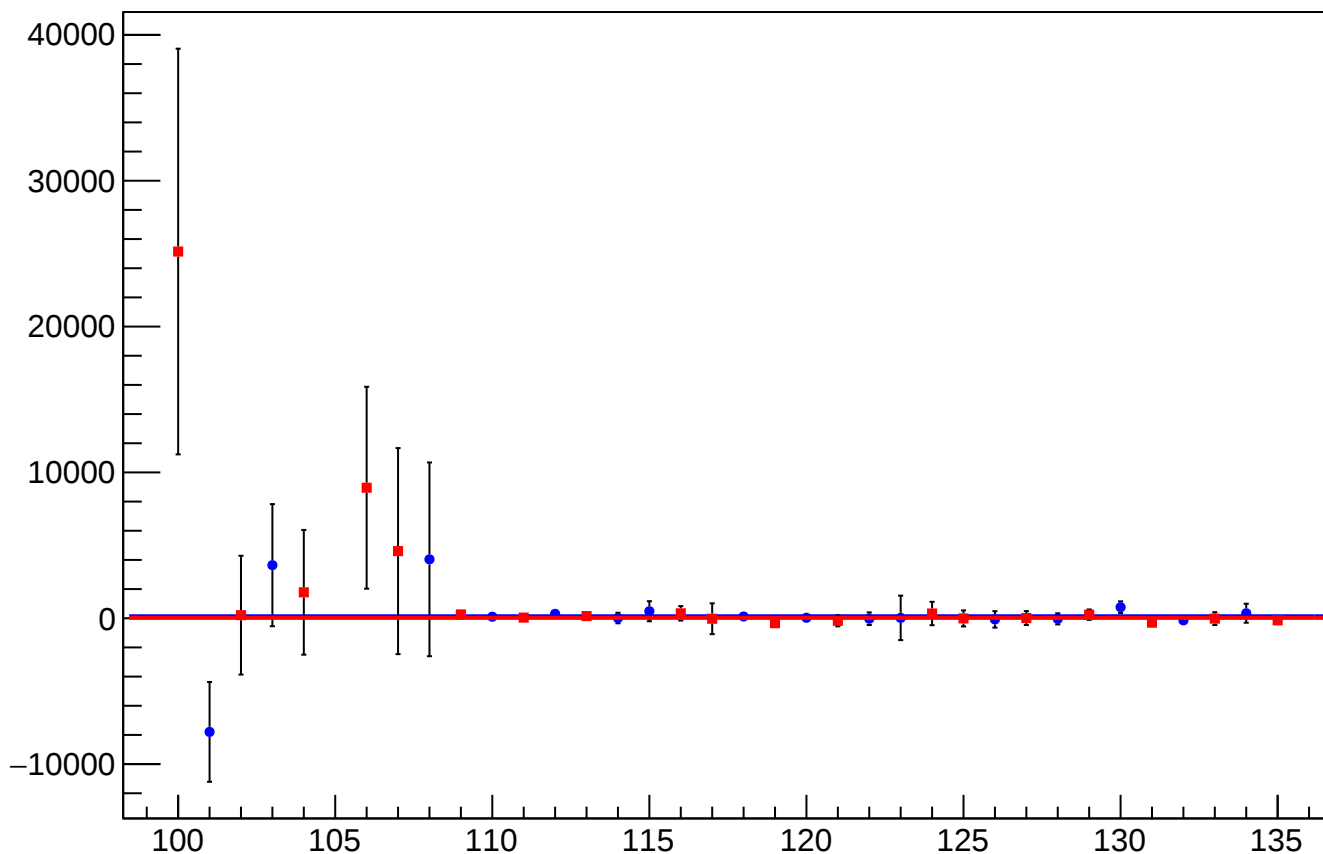
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.711+/-0.009 χ^2/NDF : 3025712.6/15

27.704+/-0.006 χ^2/NDF : 6502770.3/34

27.698+/-0.009 χ^2/NDF : 3477056.7/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 136.835 $\pm$ 94.593 χ^2 /NDF: 11.1/15

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

Right Out: 26.712 $\pm$ 81.703 χ^2 /NDF: 11.7/18

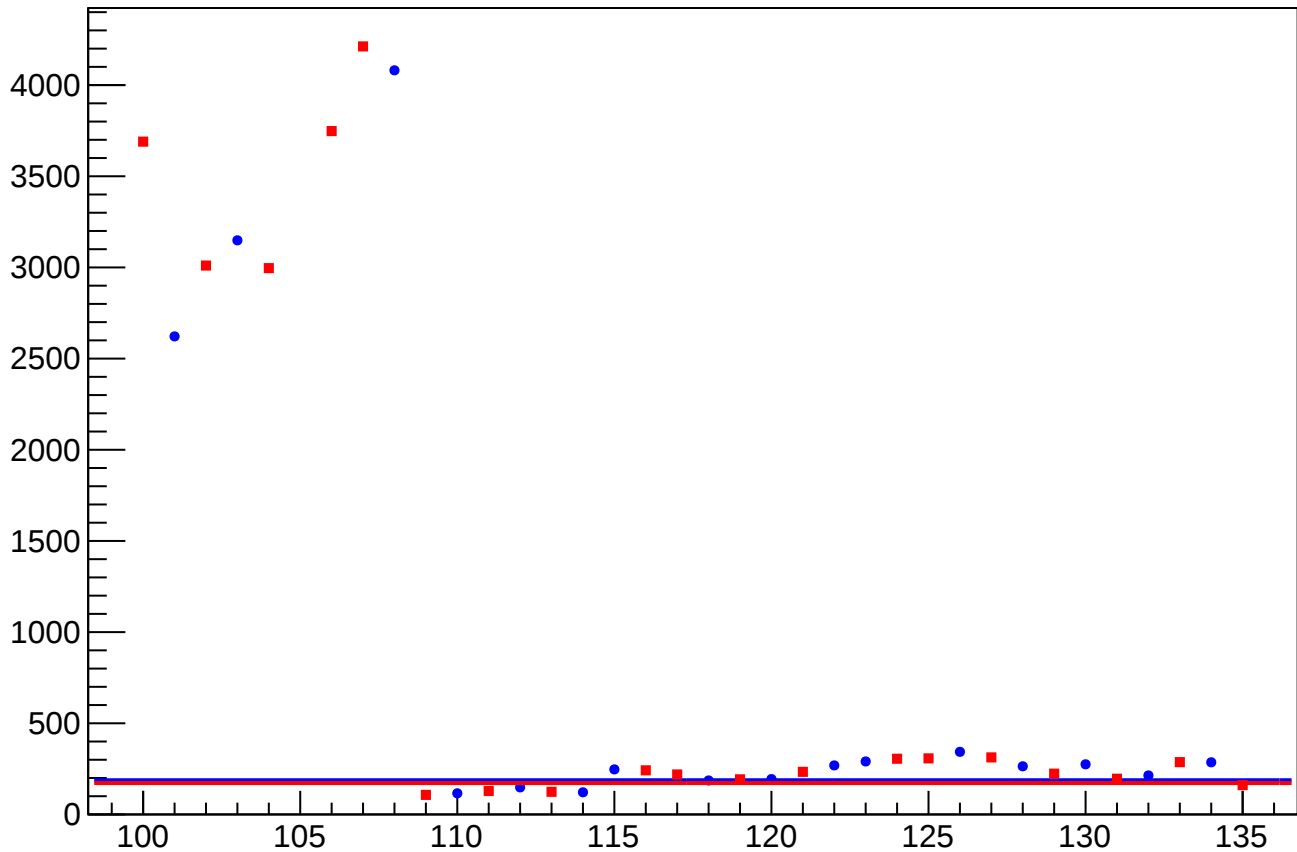
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

136.835 $\pm$ 94.593 χ^2 /NDF: 11.1/15

73.765 $\pm$ 61.832 χ^2 /NDF: 23.6/34

26.712 $\pm$ 81.703 χ^2 /NDF: 11.7/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

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

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

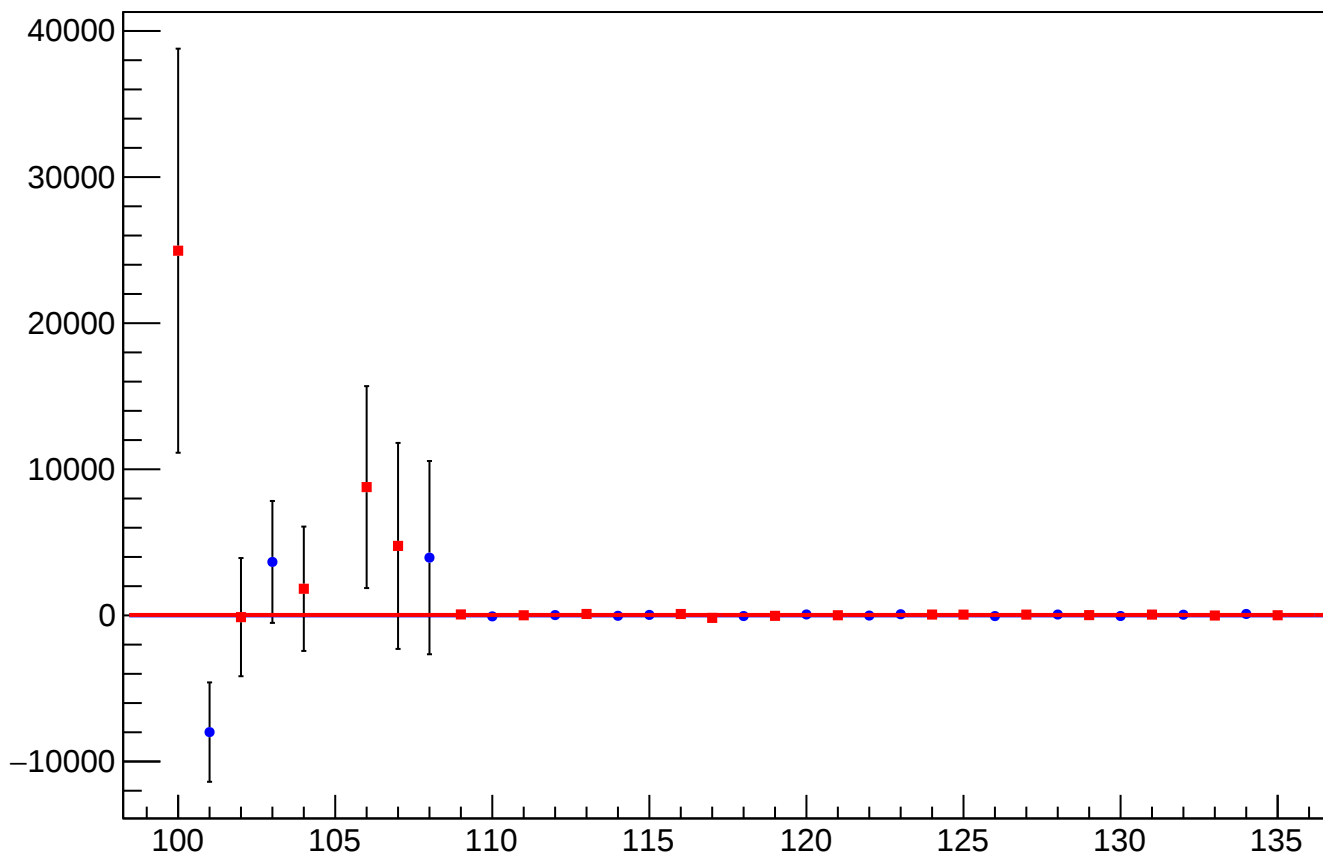
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

178.736+/-0.044 χ^2/NDF : 7818624.7/34

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

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.126+/-13.331 χ^2 /NDF: 20.6/15

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

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

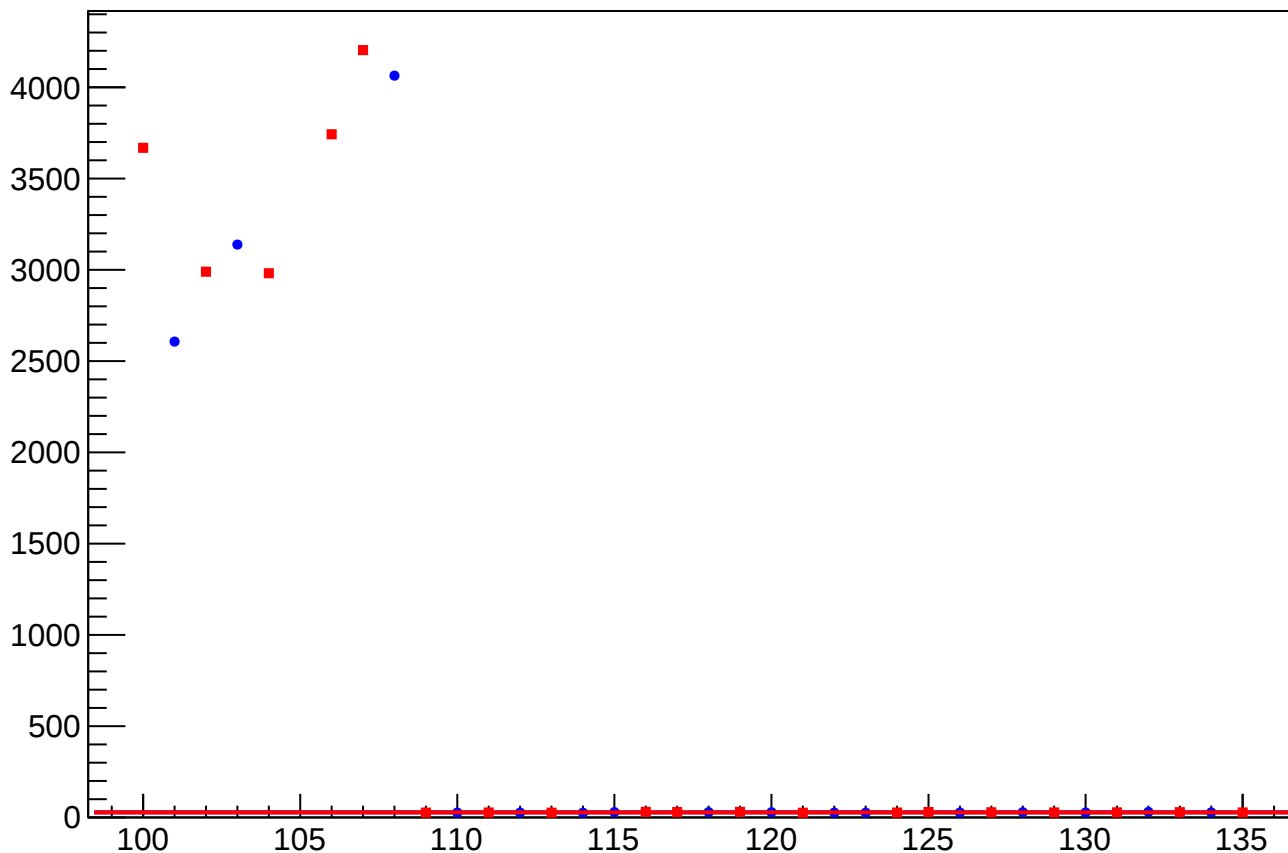
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.126+/-13.331 χ^2 /NDF: 20.6/15

17.186+/-9.122 χ^2 /NDF: 40.0/34

31.328+/-12.510 χ^2 /NDF: 16.7/18

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.896+/-0.009 χ^2/NDF : 3025810.5/15

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

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

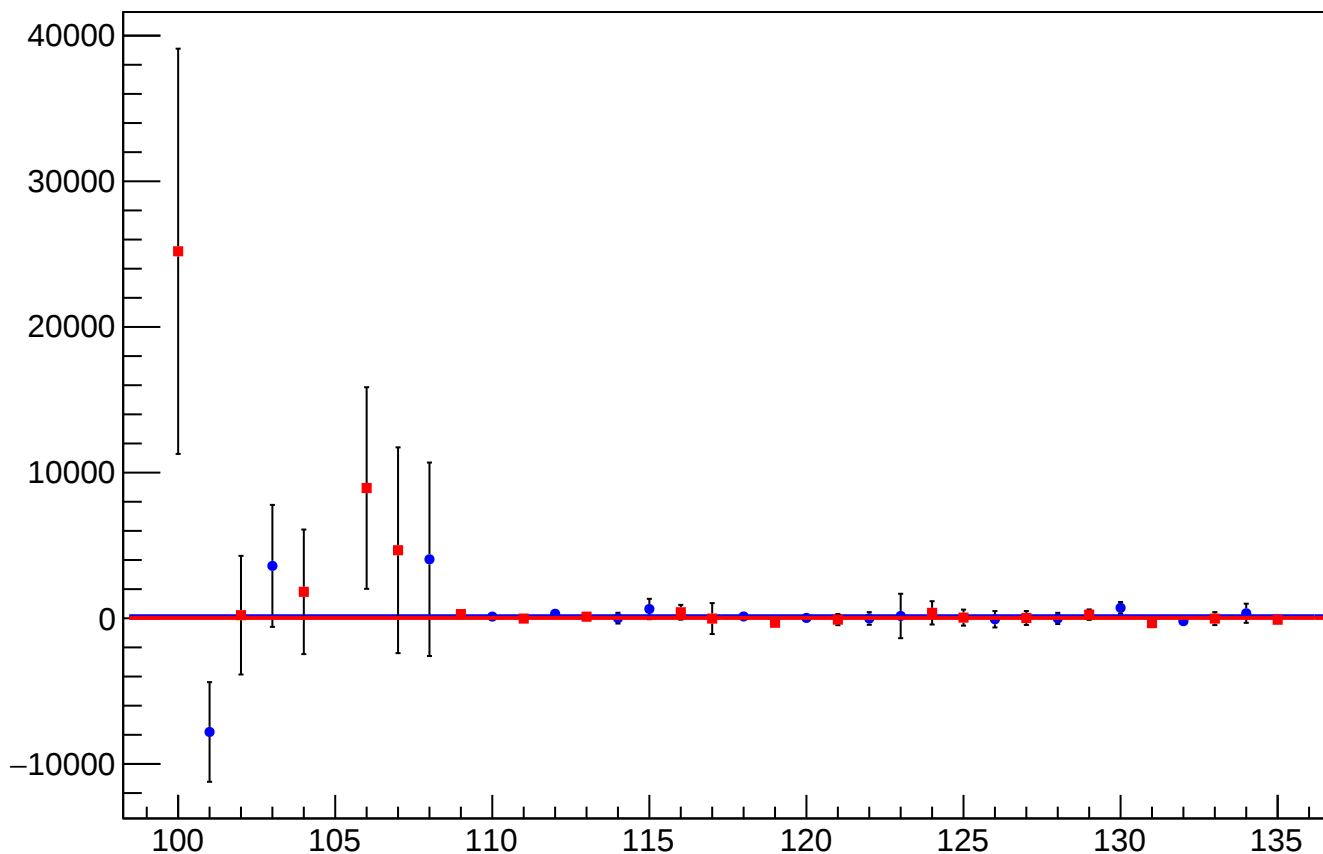
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.896+/-0.009 χ^2/NDF : 3025810.5/15

27.910+/-0.006 χ^2/NDF : 6505671.0/34

27.923+/-0.009 χ^2/NDF : 3479856.0/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



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

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

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

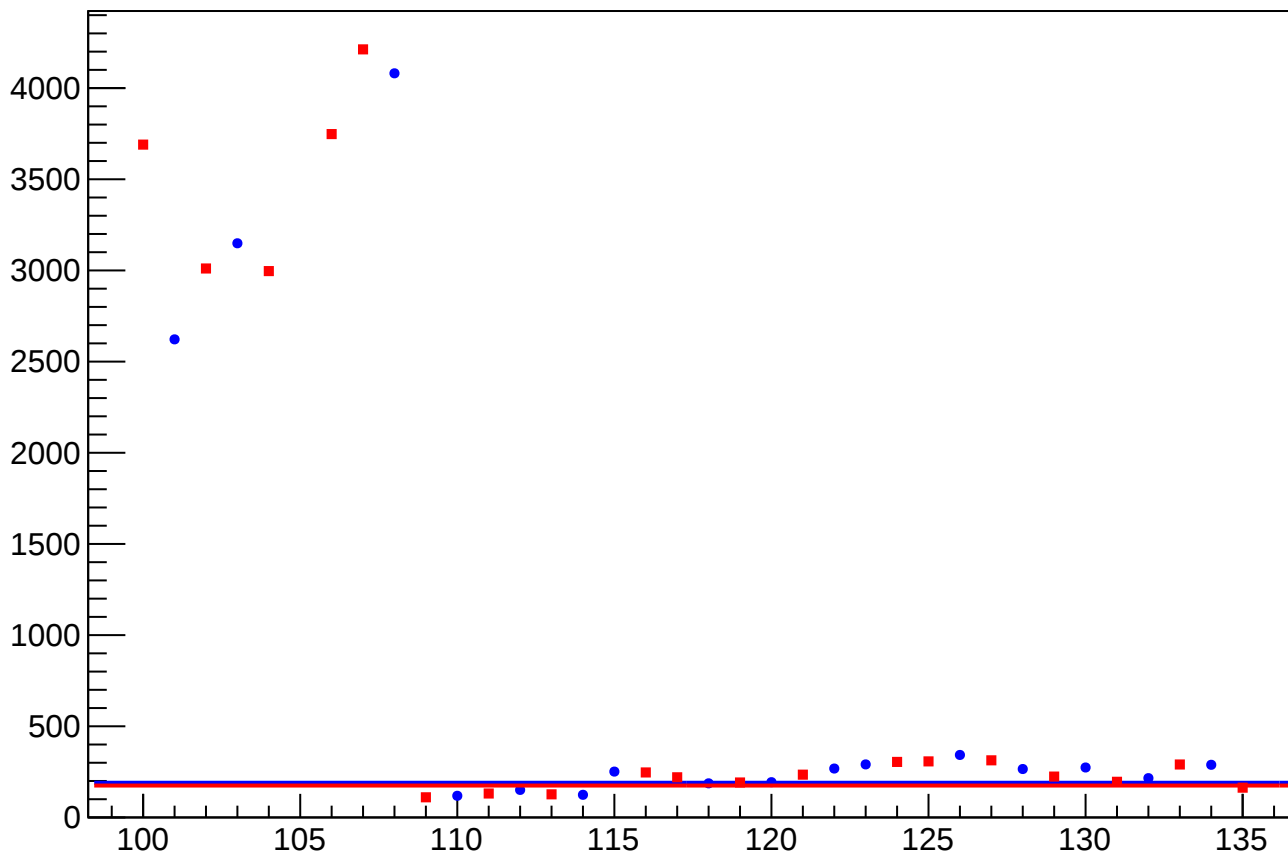
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

73.598 $\pm$ 62.610 χ^2 /NDF: 23.6/34

24.012 $\pm$ 82.797 χ^2 /NDF: 11.5/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



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

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

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

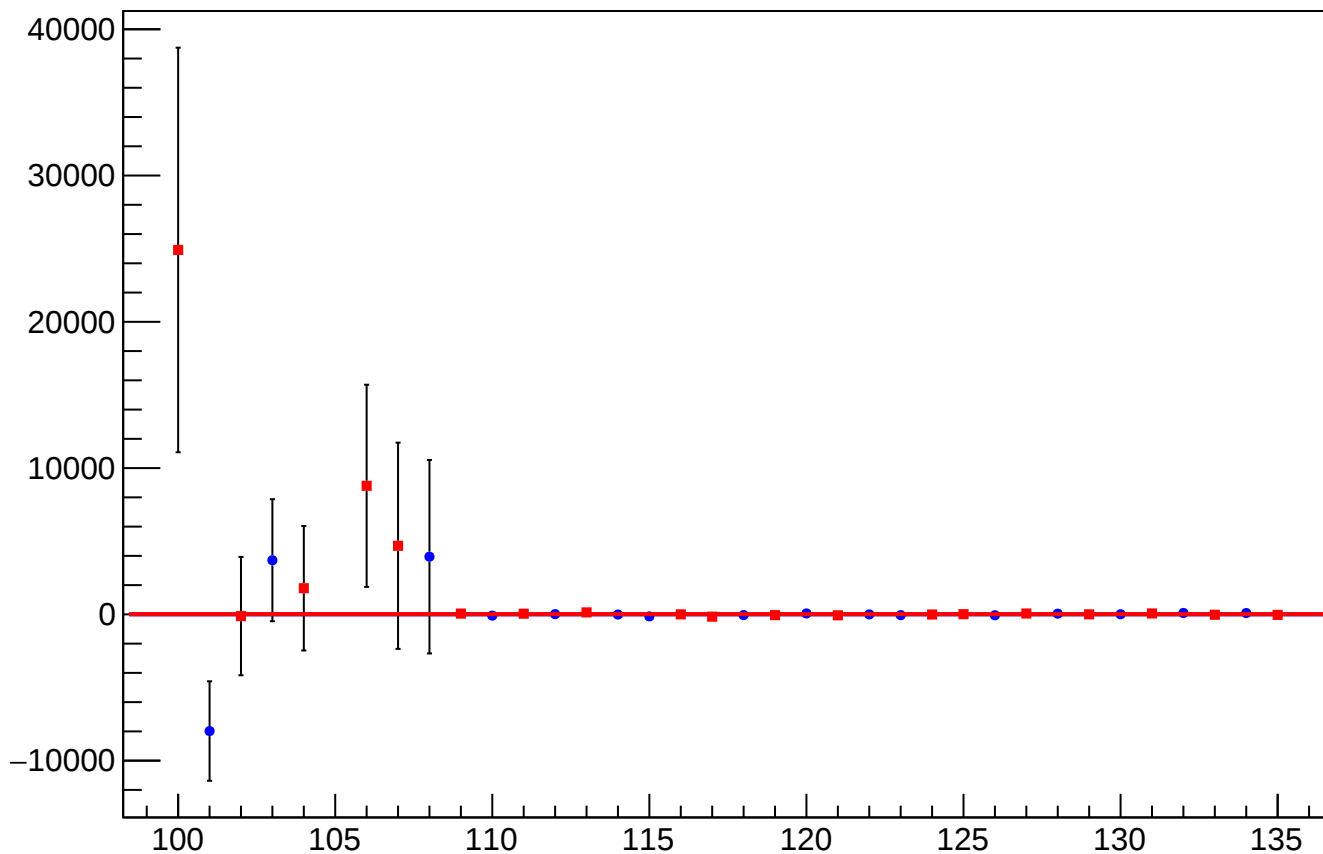
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

181.550+/-0.044 χ^2/NDF : 7716696.4/34

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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.195+/-16.232 χ^2 /NDF: 20.1/15

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

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

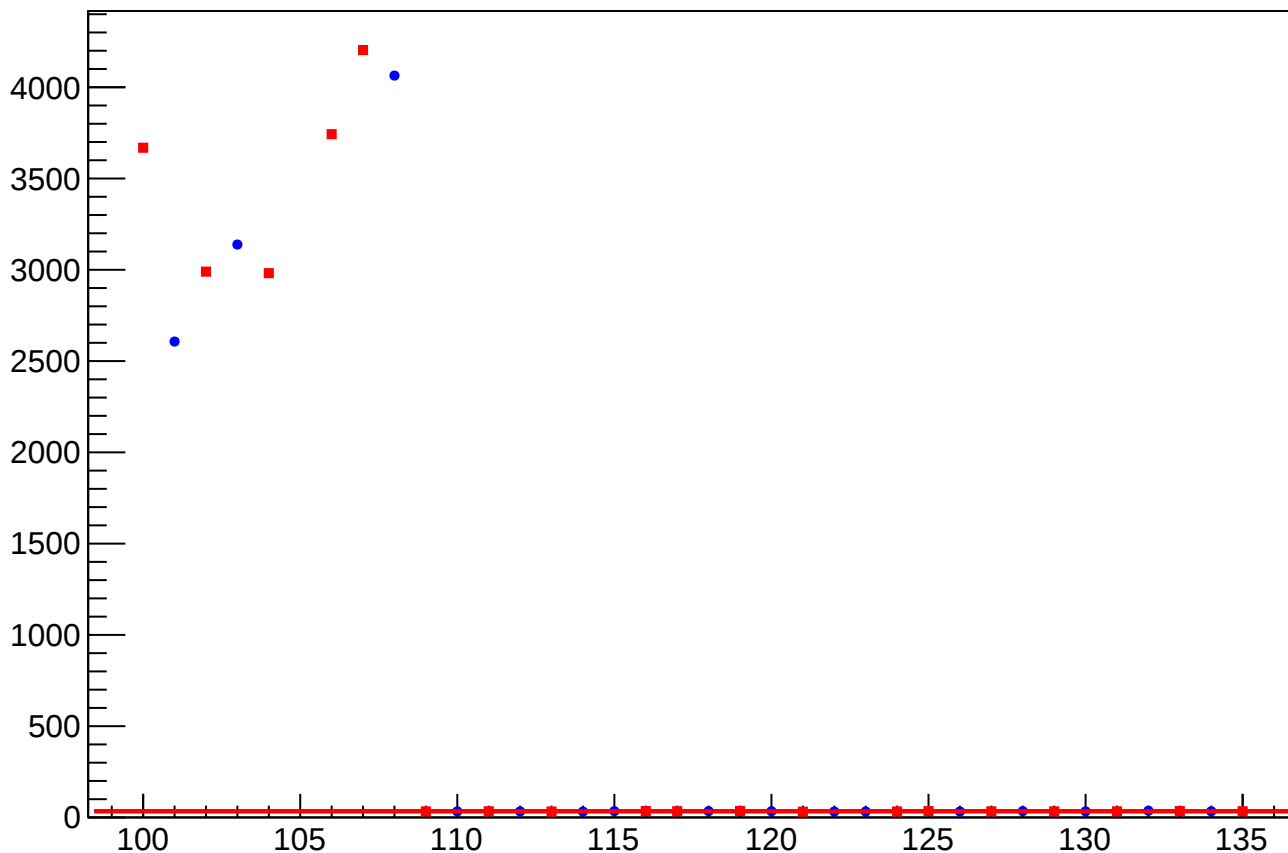
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1.195+/-16.232 χ^2 /NDF: 20.1/15

8.388+/-11.076 χ^2 /NDF: 41.6/34

14.655+/-15.152 χ^2 /NDF: 21.1/18

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.998+/-0.011 χ^2 /NDF: 3005293.0/15

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

Right Out: 33.889+/-0.011 χ^2 /NDF: 3451727.5/18

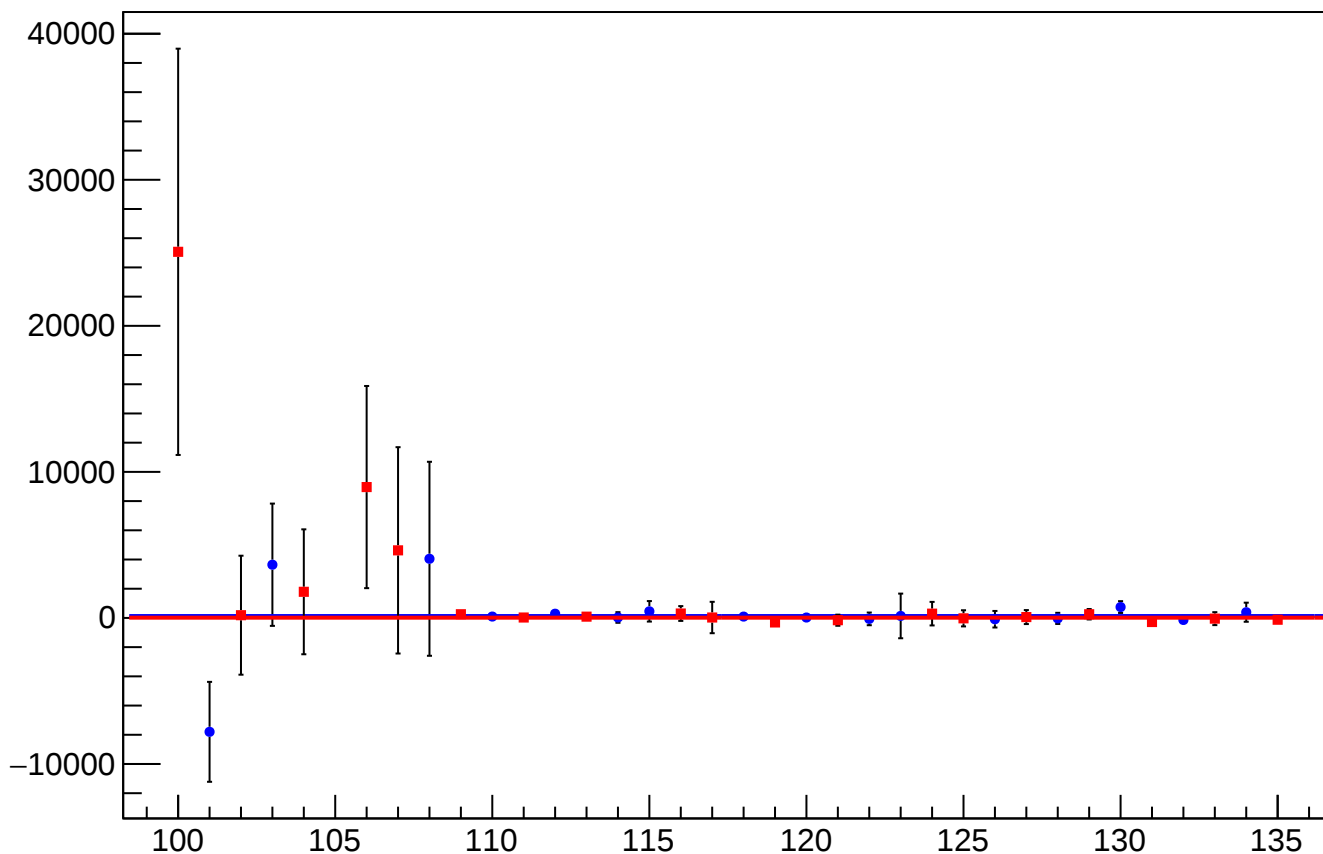
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

33.998+/-0.011 χ^2 /NDF: 3005293.0/15

33.940+/-0.008 χ^2 /NDF: 6457068.8/34

33.889+/-0.011 χ^2 /NDF: 3451727.5/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 128.997 $\pm$ 95.242 χ^2 /NDF: 11.0/15

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

Right Out: 18.161 $\pm$ 82.287 χ^2 /NDF: 10.5/18

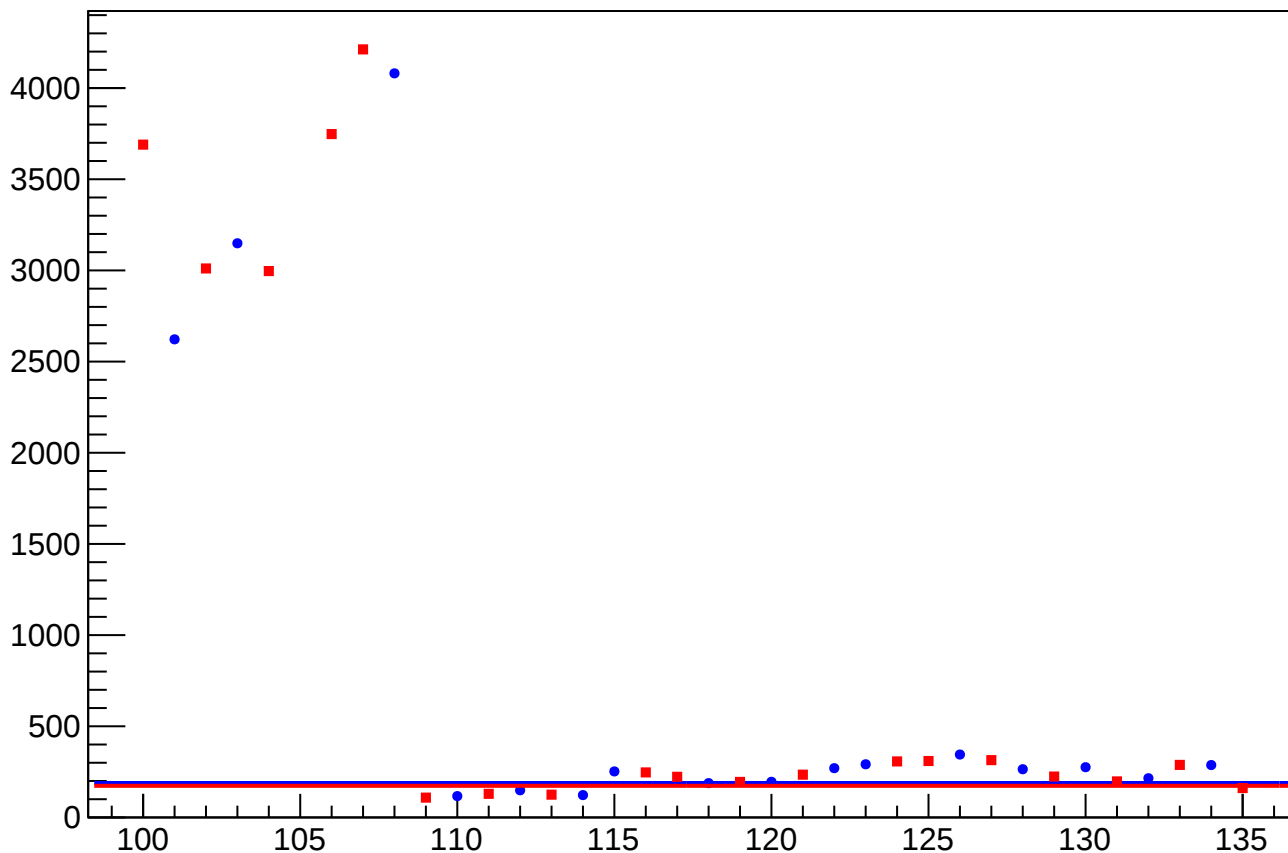
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128.997 $\pm$ 95.242 χ^2 /NDF: 11.0/15

65.534 $\pm$ 62.266 χ^2 /NDF: 22.3/34

18.161 $\pm$ 82.287 χ^2 /NDF: 10.5/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



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

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

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

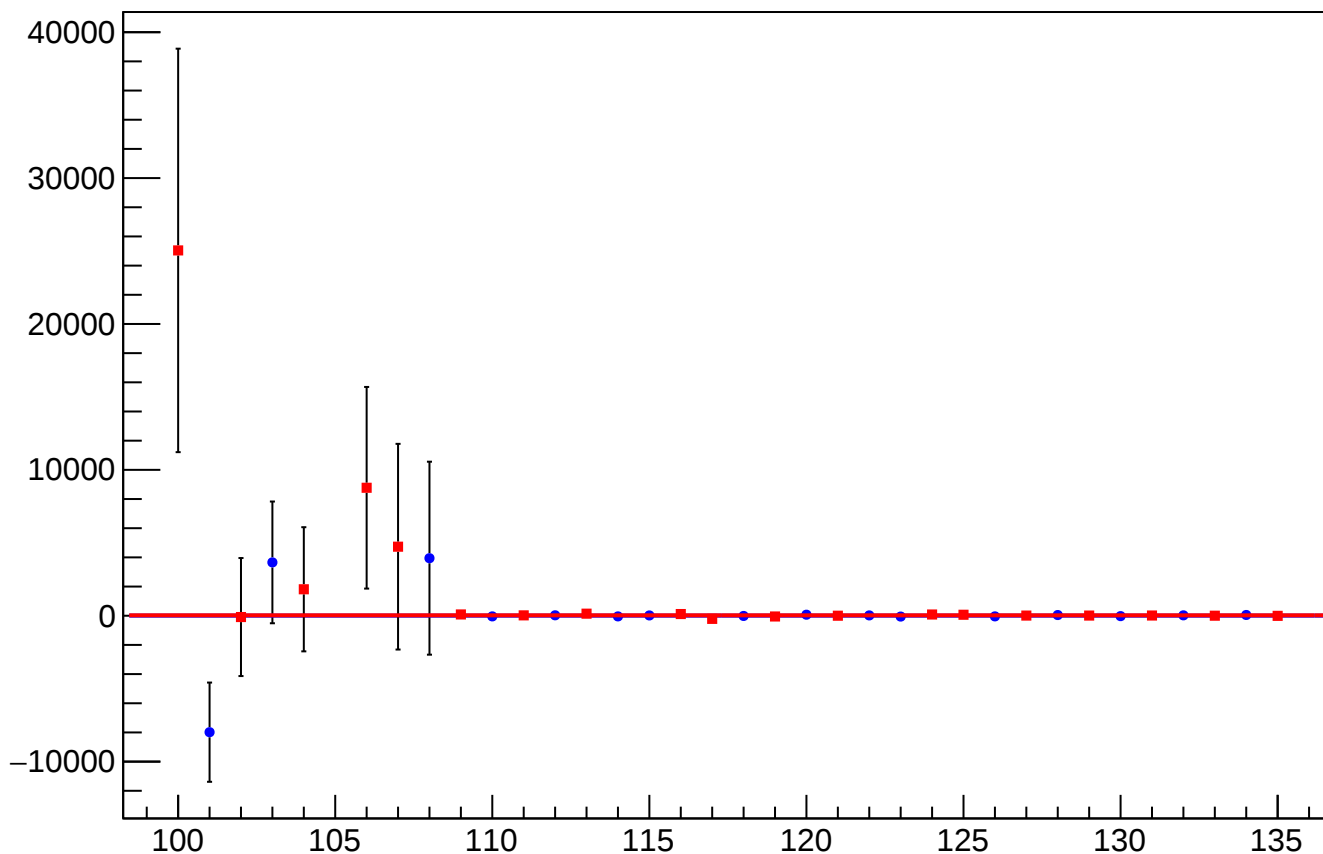
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

180.110+/-0.044 χ^2/NDF : 7801768.6/34

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.299+/-14.804 χ^2 /NDF: 13.4/15

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

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

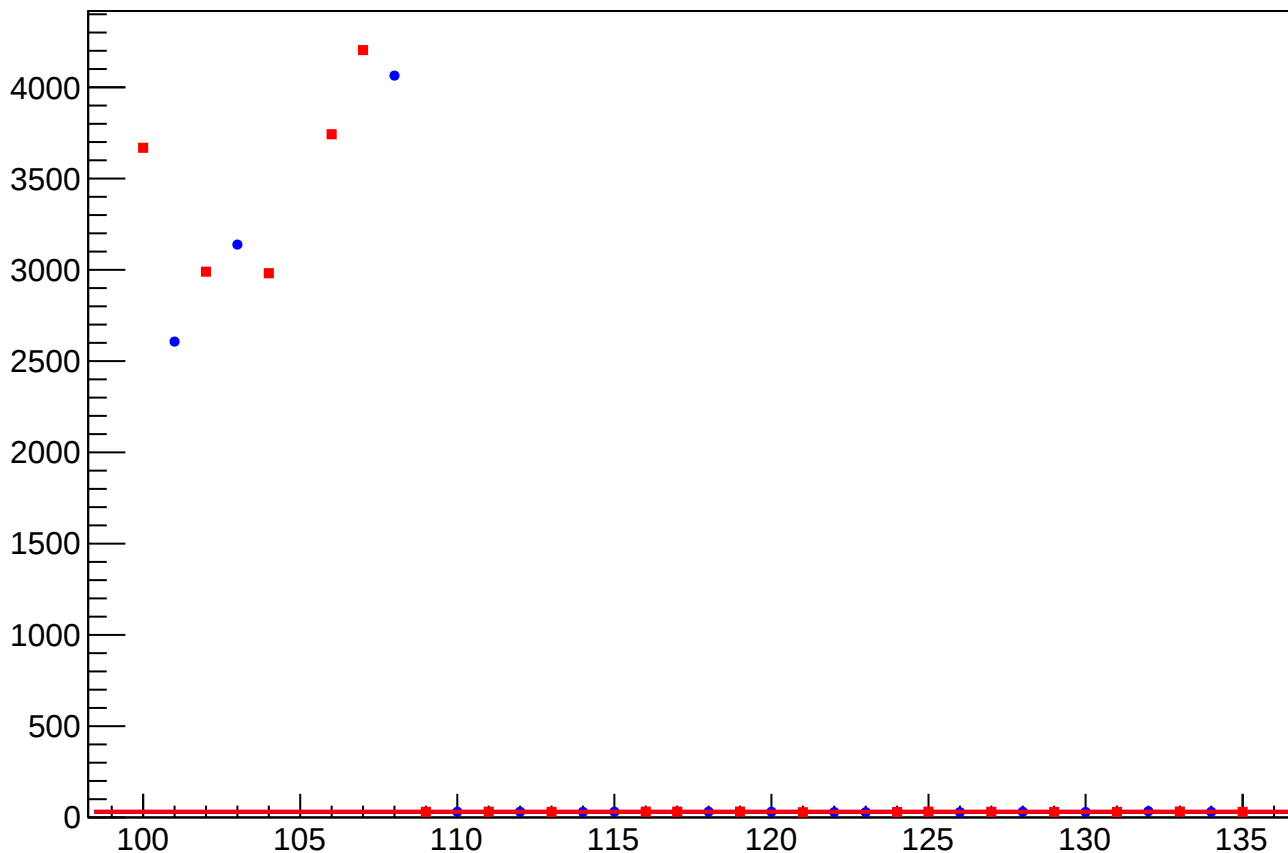
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

6.299+/-14.804 χ^2 /NDF: 13.4/15

18.093+/-10.116 χ^2 /NDF: 37.6/34

28.423+/-13.855 χ^2 /NDF: 23.0/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



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

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

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

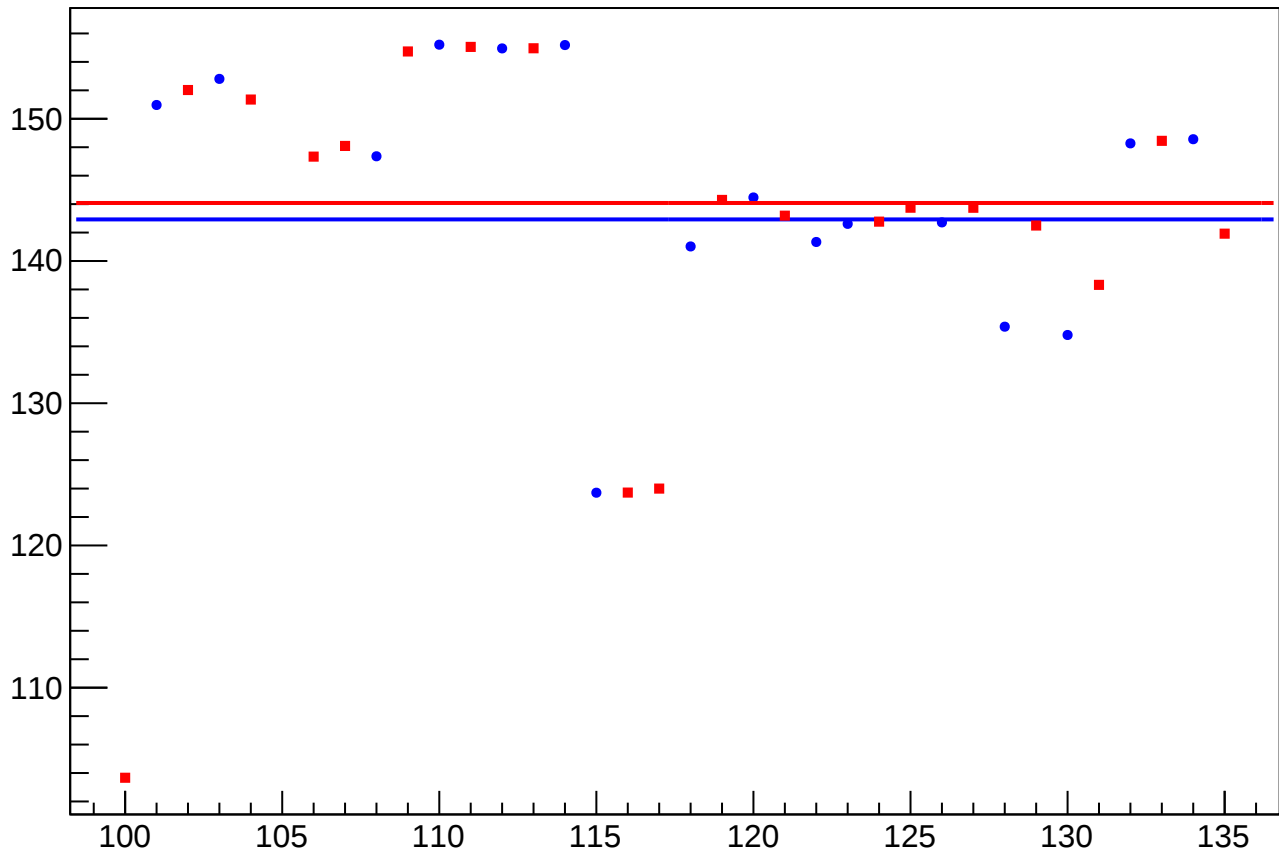
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

30.989 $\pm$ 0.007 χ^2 /NDF: 6472674.6/34

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

yield_bcm_an_ds_mean vs Slug, Sign Corrected



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

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

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

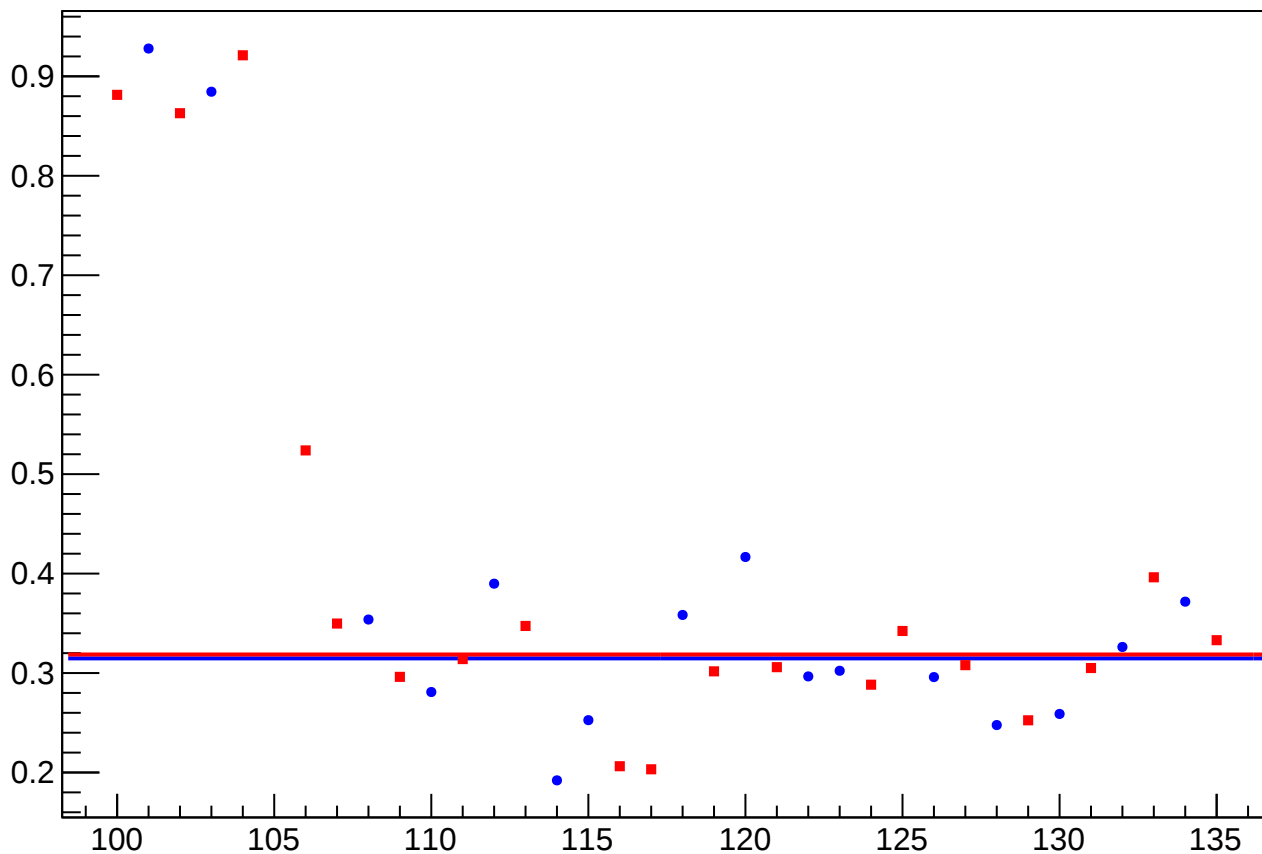
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

142.924 ± 0.000 χ^2/NDF : 3275825097.1/15

143.546 ± 0.000 χ^2/NDF : 7801110138.9/15

144.080 ± 0.000 χ^2/NDF : 4490654542.0/18

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1275487.1/15

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

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

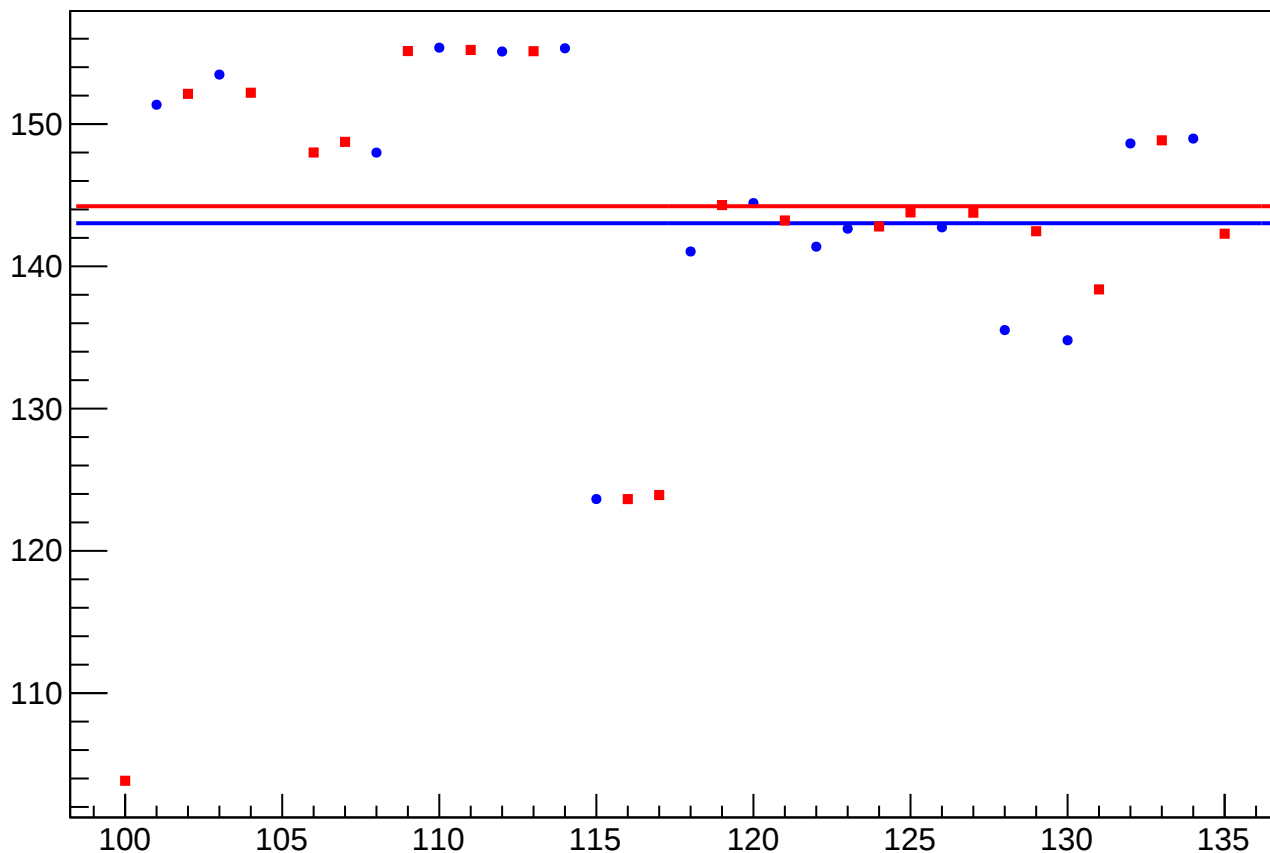
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1275487.1/15

0.317+/-0.000 χ^2/NDF : 2504809.7/34

0.319+/-0.000 χ^2/NDF : 1228525.5/18

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.031 ± 0.000 χ^2/NDF : 3303800250.7/15

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

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

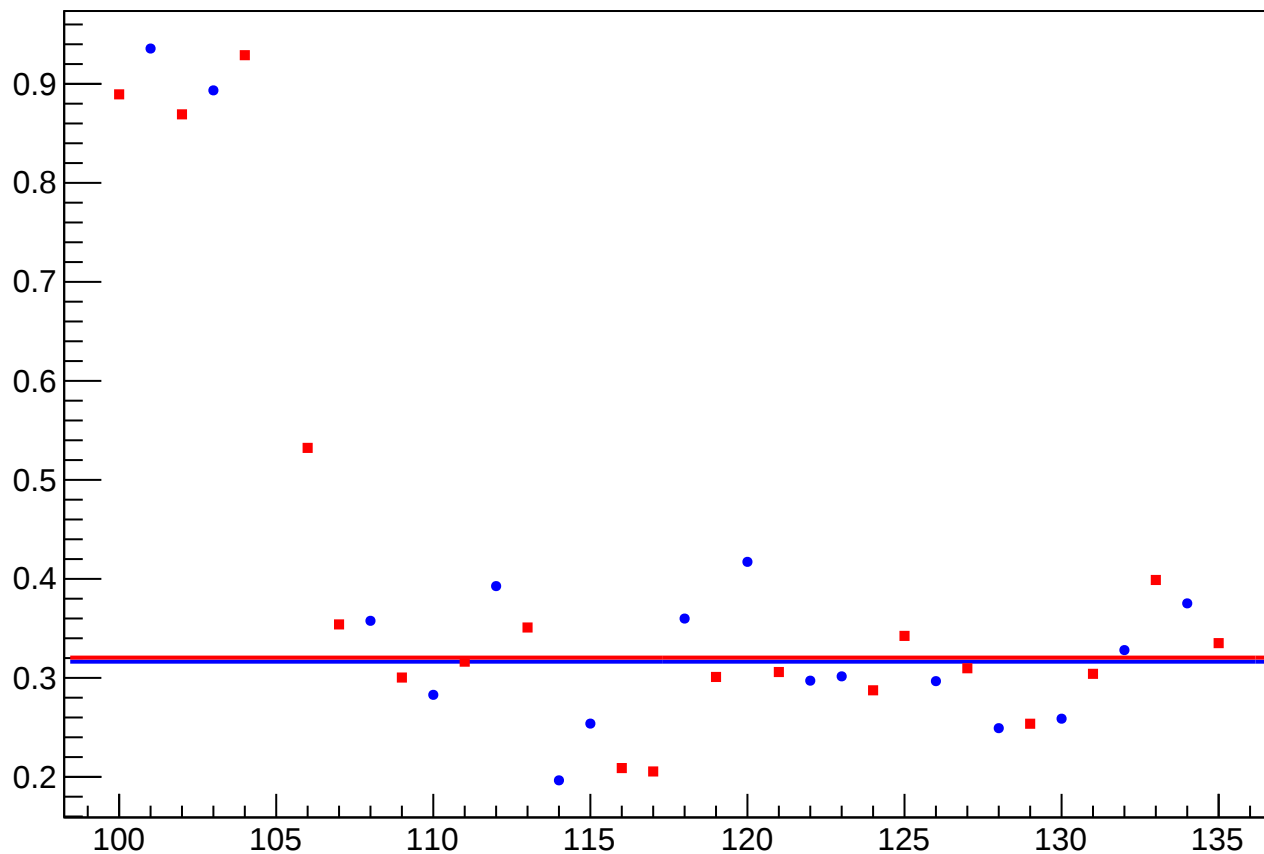
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

143.031 ± 0.000 χ^2/NDF : 3303800250.7/15

143.673 ± 0.000 χ^2/NDF : 7855332337.4/15

144.225 ± 0.000 χ^2/NDF : 4514973737.2/18

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1277206.0/15

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

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

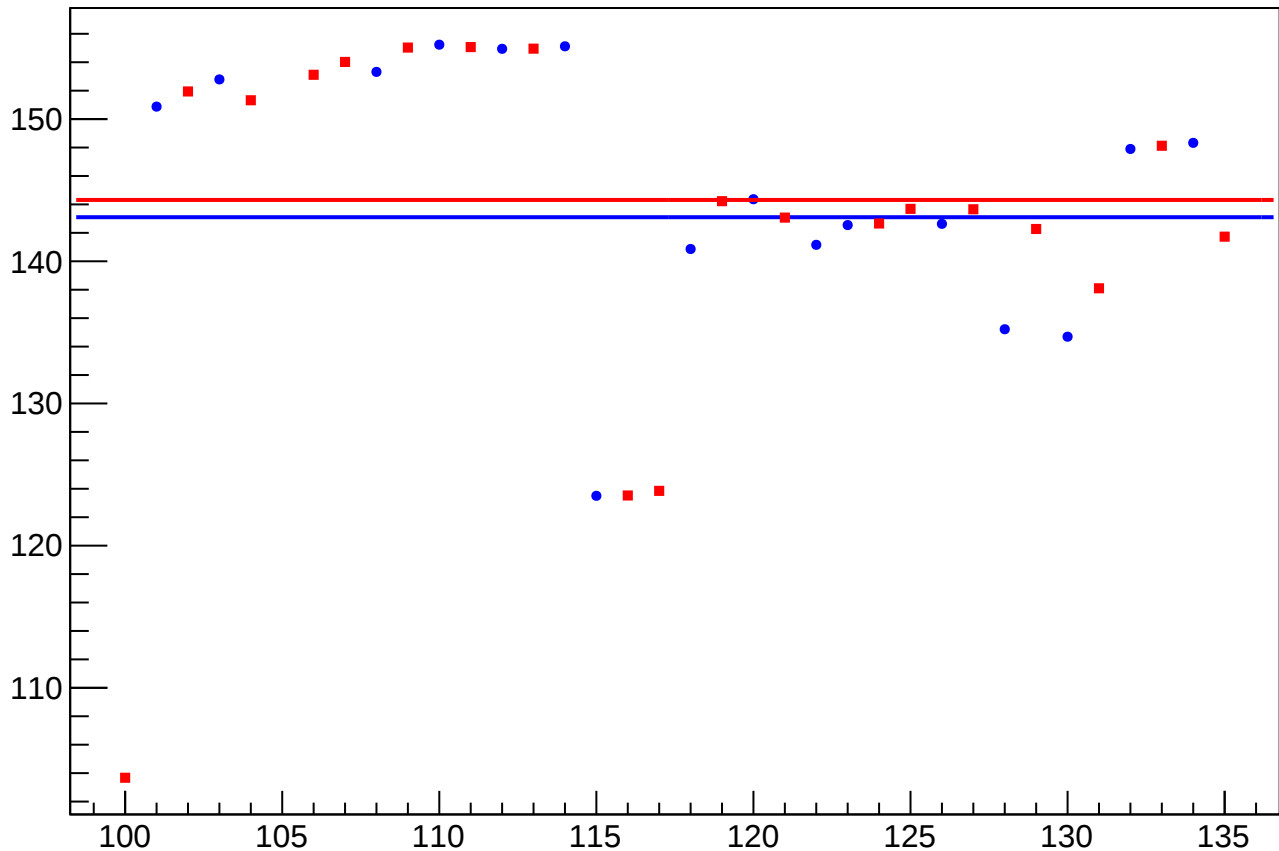
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.316+/-0.000 χ^2/NDF : 1277206.0/15

0.319+/-0.000 χ^2/NDF : 2508975.7/34

0.320+/-0.000 χ^2/NDF : 1230898.6/18

yield_bcm_an_us_mean vs Slug, Sign Corrected



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

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

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

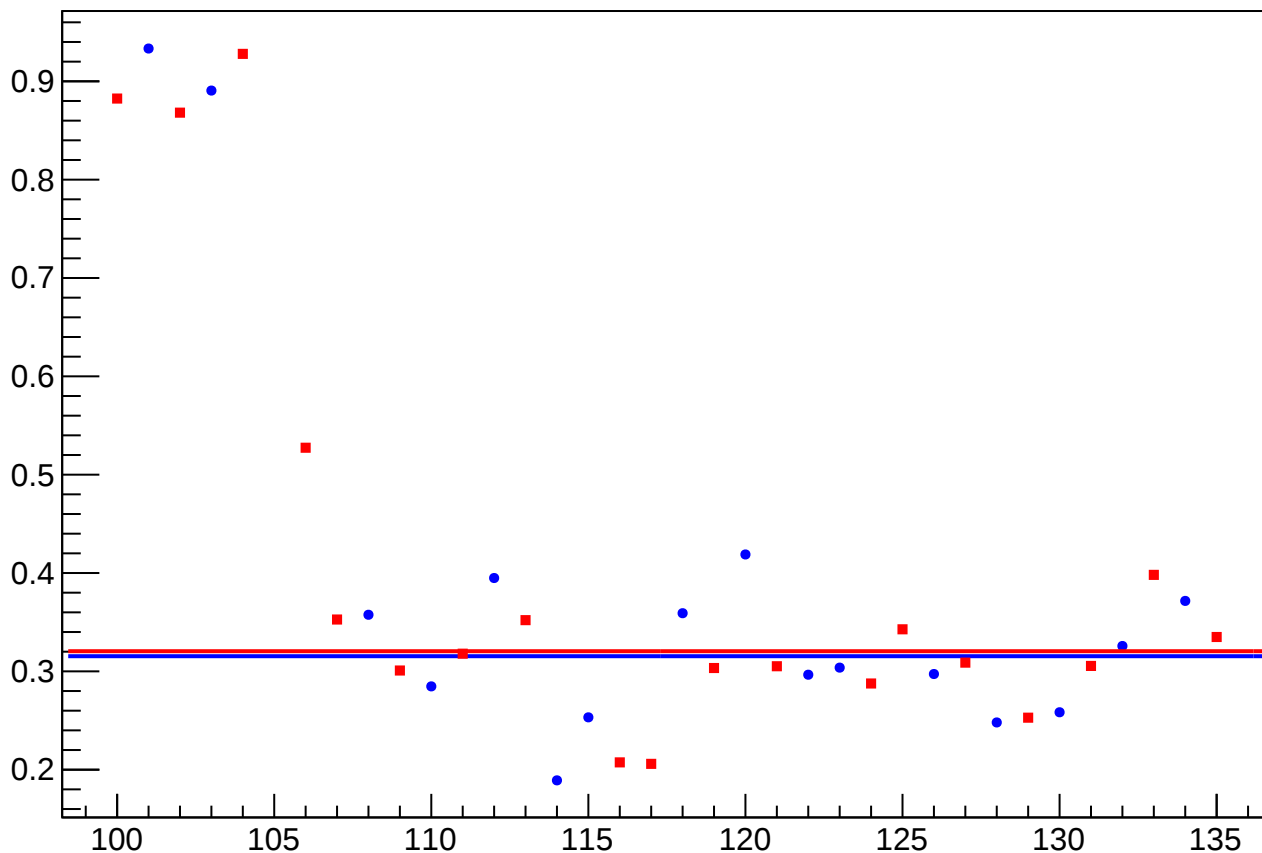
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

143.752+/-0.000 χ^2/NDF : 8351938473.6/15

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1290046.4/15

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

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

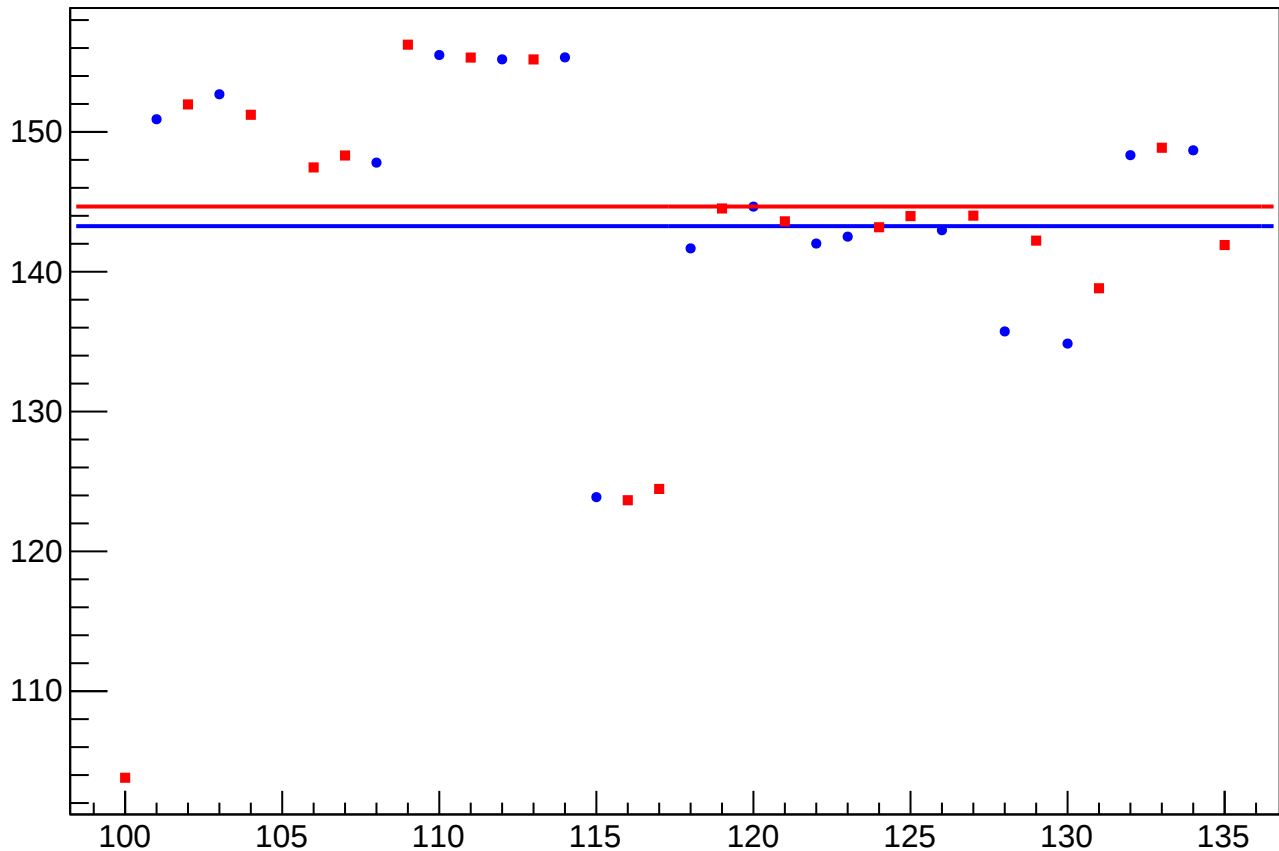
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.000 χ^2/NDF : 1290046.4/15

0.318+/-0.000 χ^2/NDF : 2523202.3/34

0.320+/-0.000 χ^2/NDF : 1231826.5/18

yield_bcm_dg_us_mean vs Slug, Sign Corrected



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

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

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

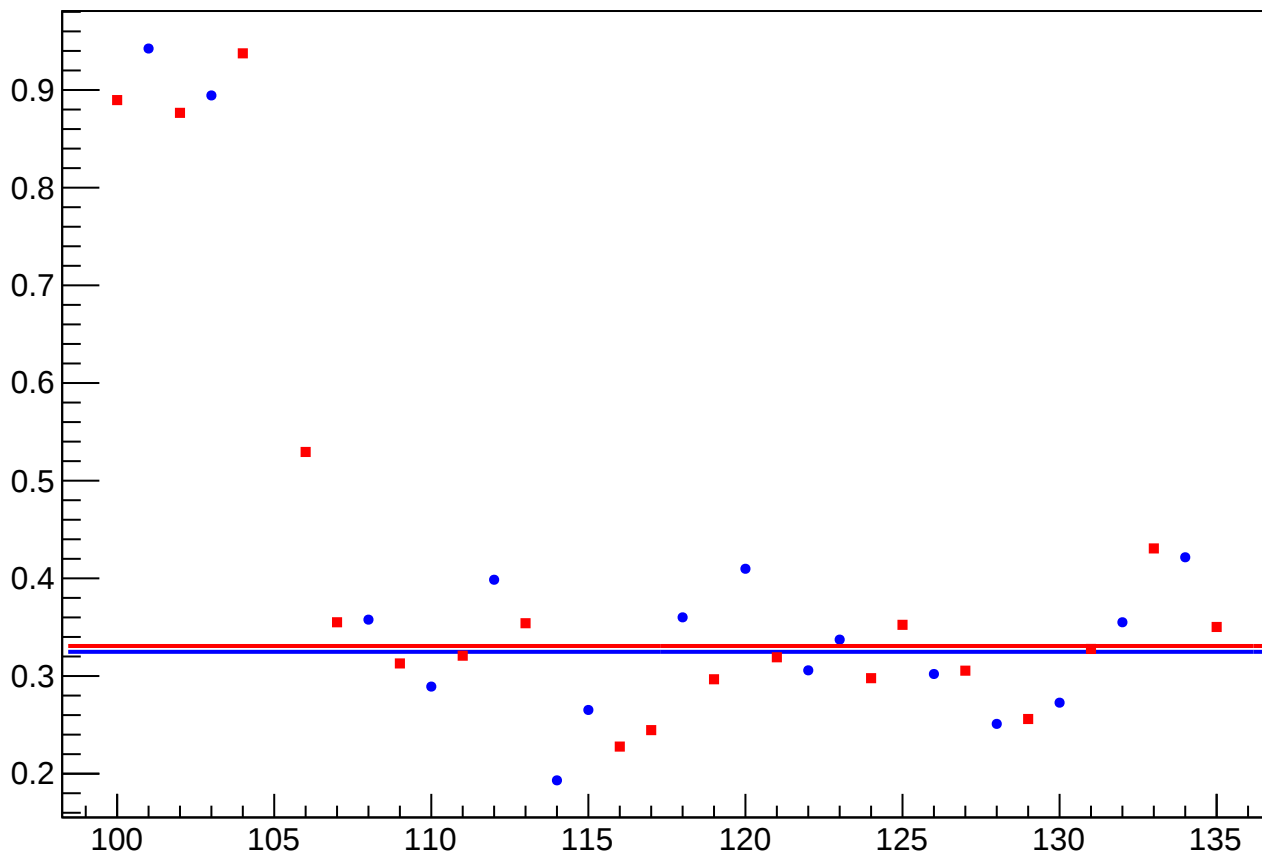
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

144.013+/-0.000 χ^2/NDF : 7144664361.5/15

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

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.325+/-0.000 χ^2/NDF : 1263052.5/15

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

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

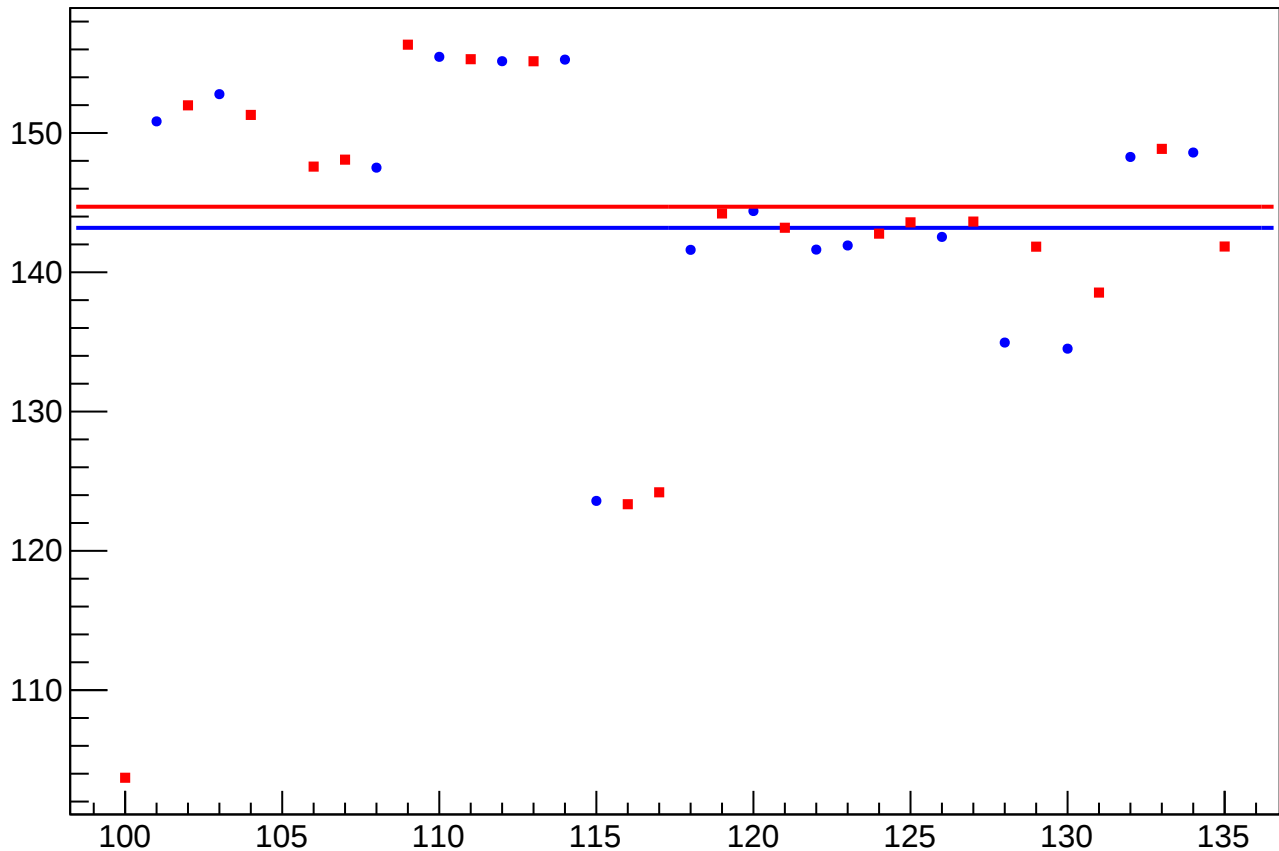
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.325+/-0.000 χ^2/NDF : 1263052.5/15

0.328+/-0.000 χ^2/NDF : 2444197.1/34

0.331+/-0.000 χ^2/NDF : 1179409.2/18

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



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

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

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

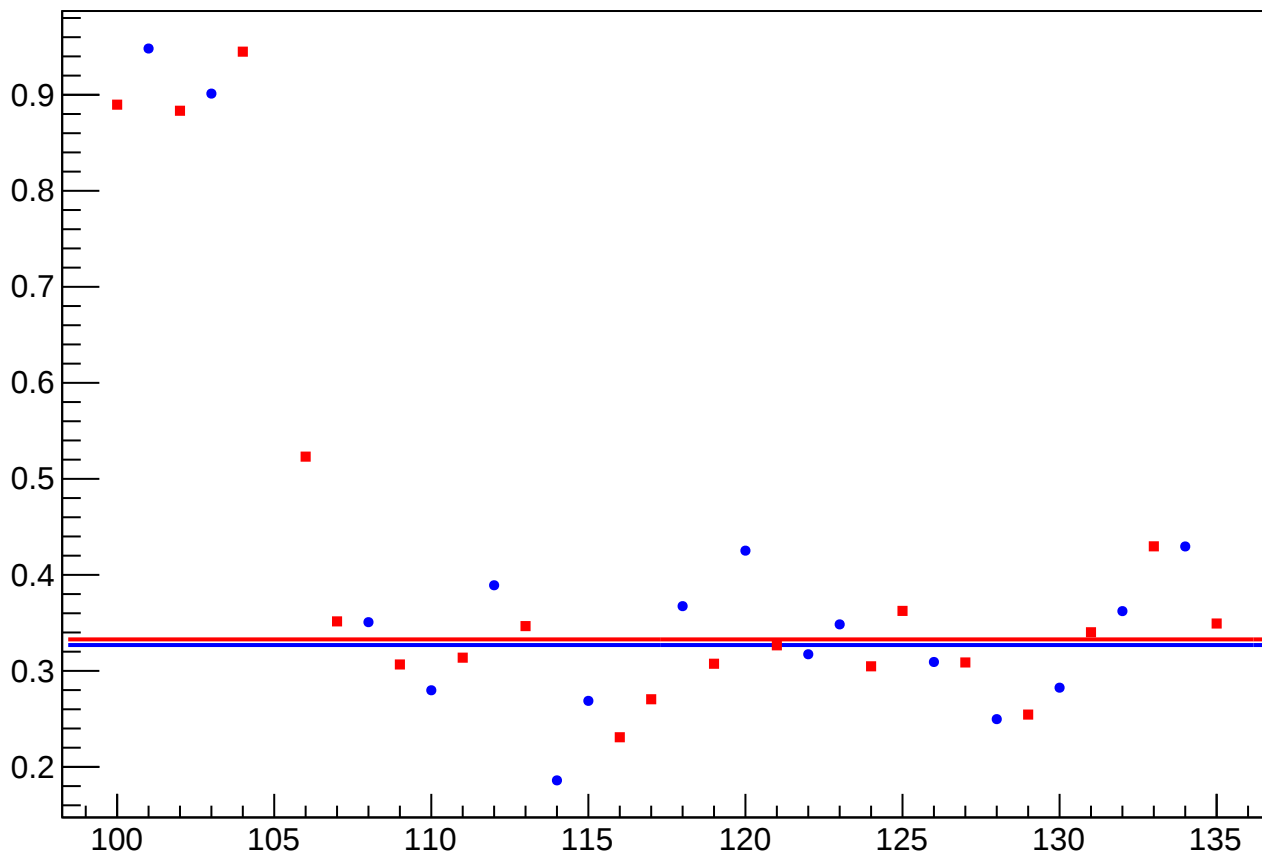
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

144.004+/-0.000 χ^2/NDF : 7341950045.5/15

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

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.327+/-0.000 χ^2/NDF : 1282370.2/15

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

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

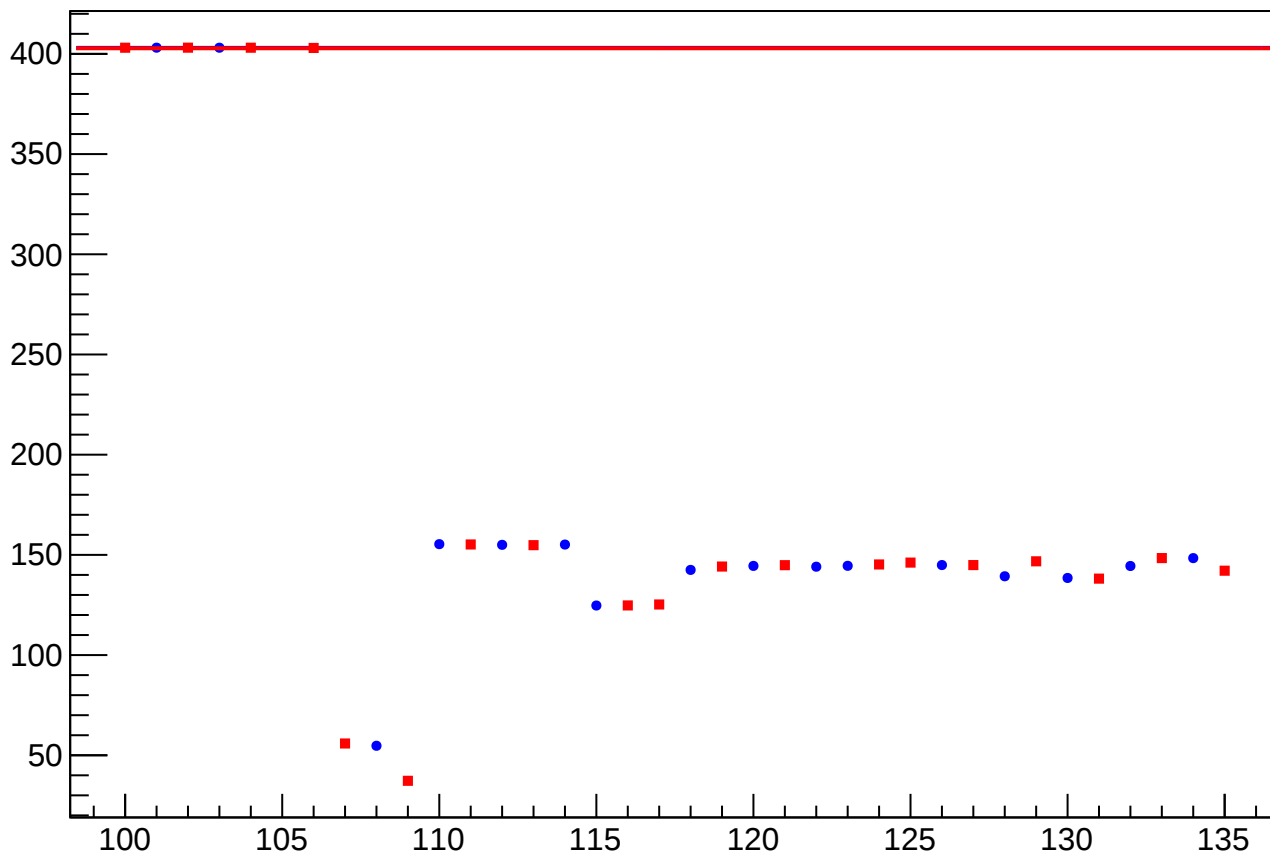
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.327+/-0.000 χ^2/NDF : 1282370.2/15

0.330+/-0.000 χ^2/NDF : 2449730.7/34

0.333+/-0.000 χ^2/NDF : 1165710.0/18

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.989+/-0.000 χ^2/NDF : 845084228599.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 402.803+/-0.000 χ^2/NDF : 3065452763904.2/18

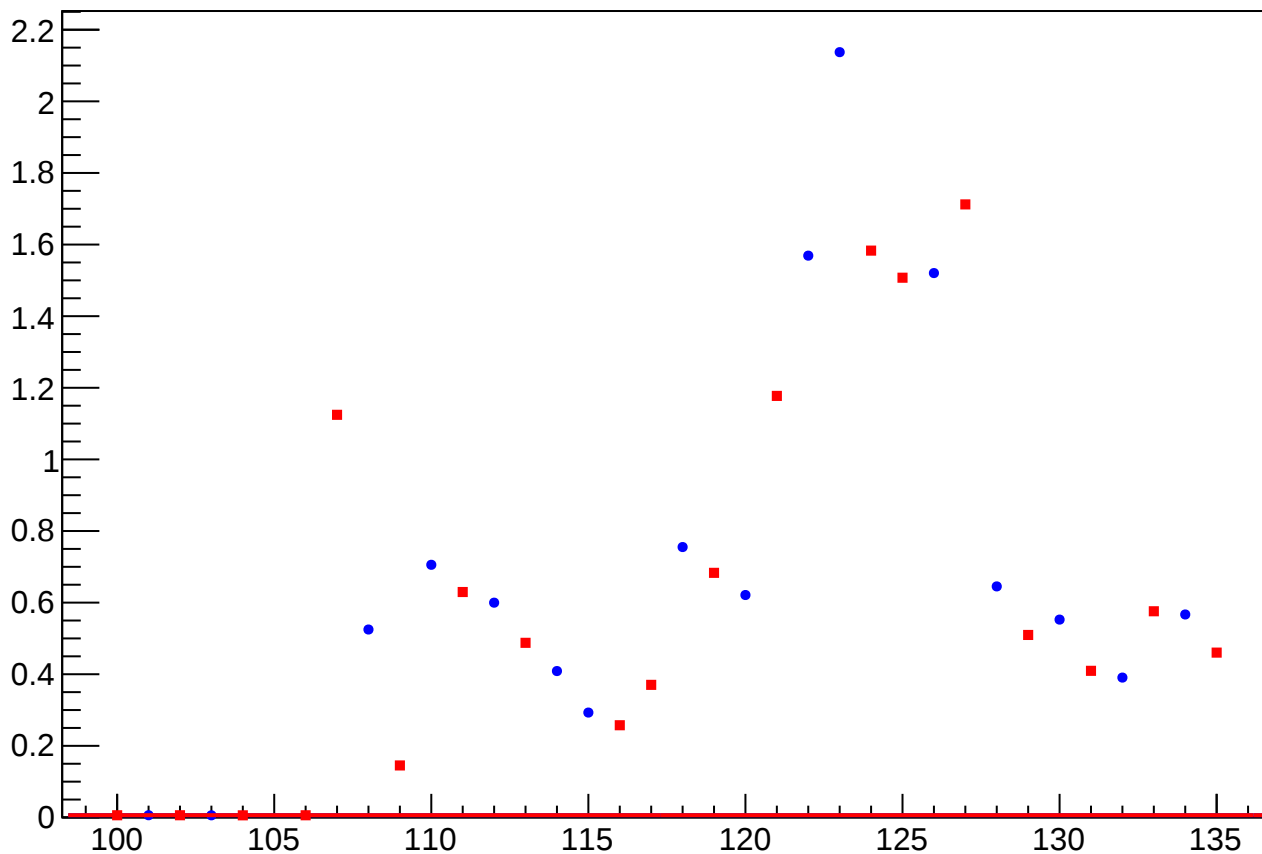
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.989+/-0.000 χ^2/NDF : 845084228599.9/15

402.890+/-0.000 χ^2/NDF : 391110940439

402.803+/-0.000 χ^2/NDF : 3065452763904.2/18

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7617299.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 8918425.1/18

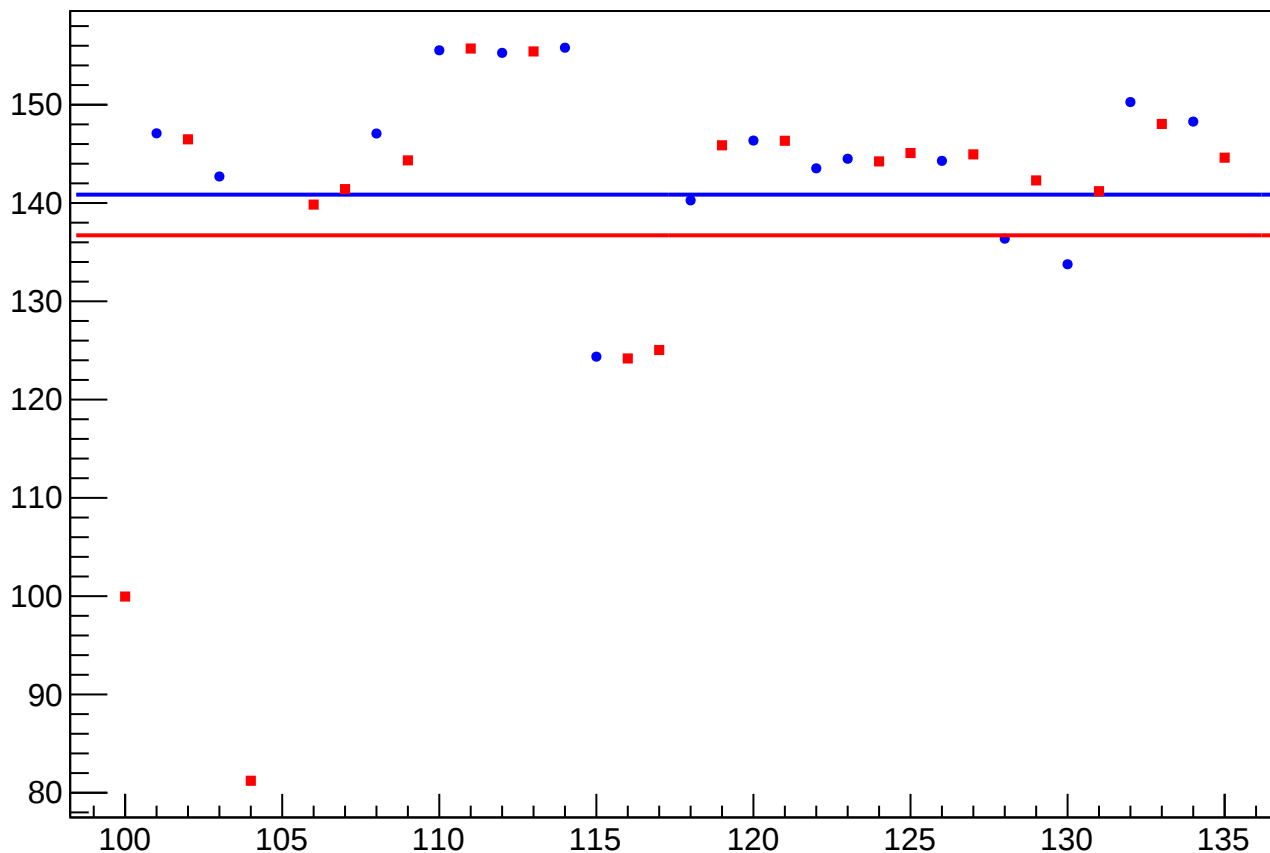
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7617299.9/15

0.006+/-0.000 χ^2/NDF : 16535766.9/34

0.006+/-0.000 χ^2/NDF : 8918425.1/18

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 140.852+/-0.000 χ^2/NDF : 921369140.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.713+/-0.000 χ^2/NDF : 1303311697.1/18

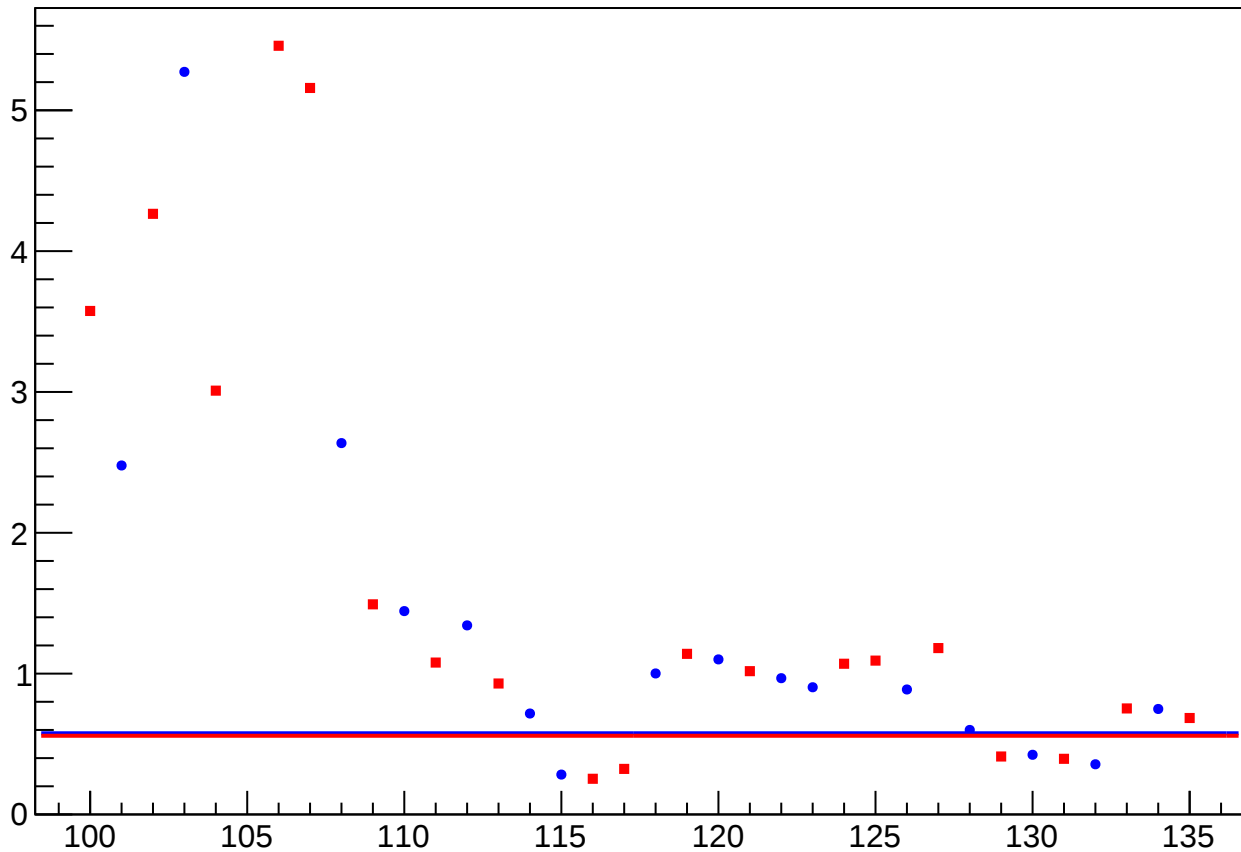
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.852+/-0.000 χ^2/NDF : 921369140.3/15

138.639+/-0.000 χ^2/NDF : 2309019681.3/15

136.713+/-0.000 χ^2/NDF : 1303311697.1/18

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.576+/-0.000 χ^2/NDF : 3470339.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.559+/-0.000 χ^2/NDF : 4719867.7/18

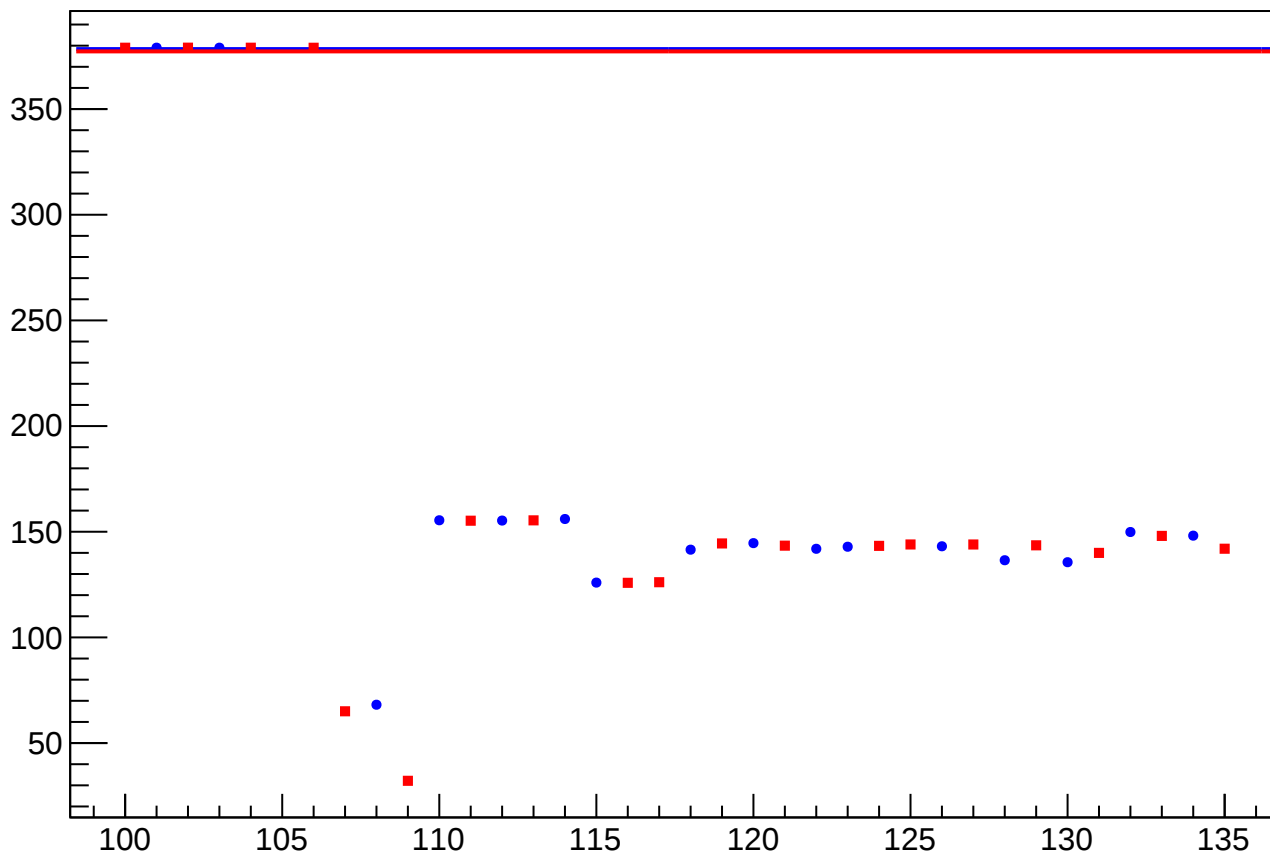
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.576+/-0.000 χ^2/NDF : 3470339.8/15

0.567+/-0.000 χ^2/NDF : 8193257.6/34

0.559+/-0.000 χ^2/NDF : 4719867.7/18

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.296+/-0.000 χ^2/NDF : 8258179086552.6/18

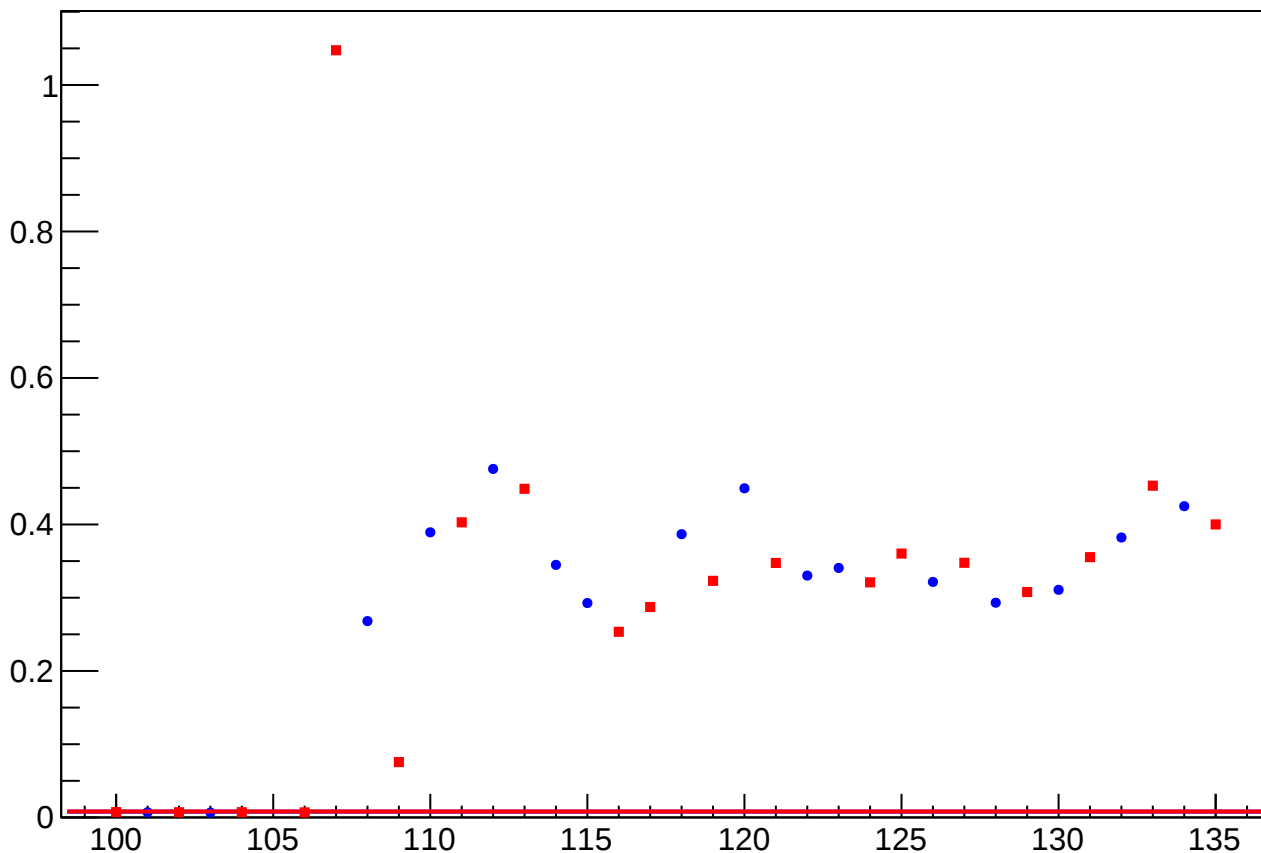
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.379+/-0.000 χ^2/NDF : 2214086811662.3/15

377.802+/-0.000 χ^2/NDF : 104805855593

377.296+/-0.000 χ^2/NDF : 8258179086552.6/18

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 8323867.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 9243189.3/18

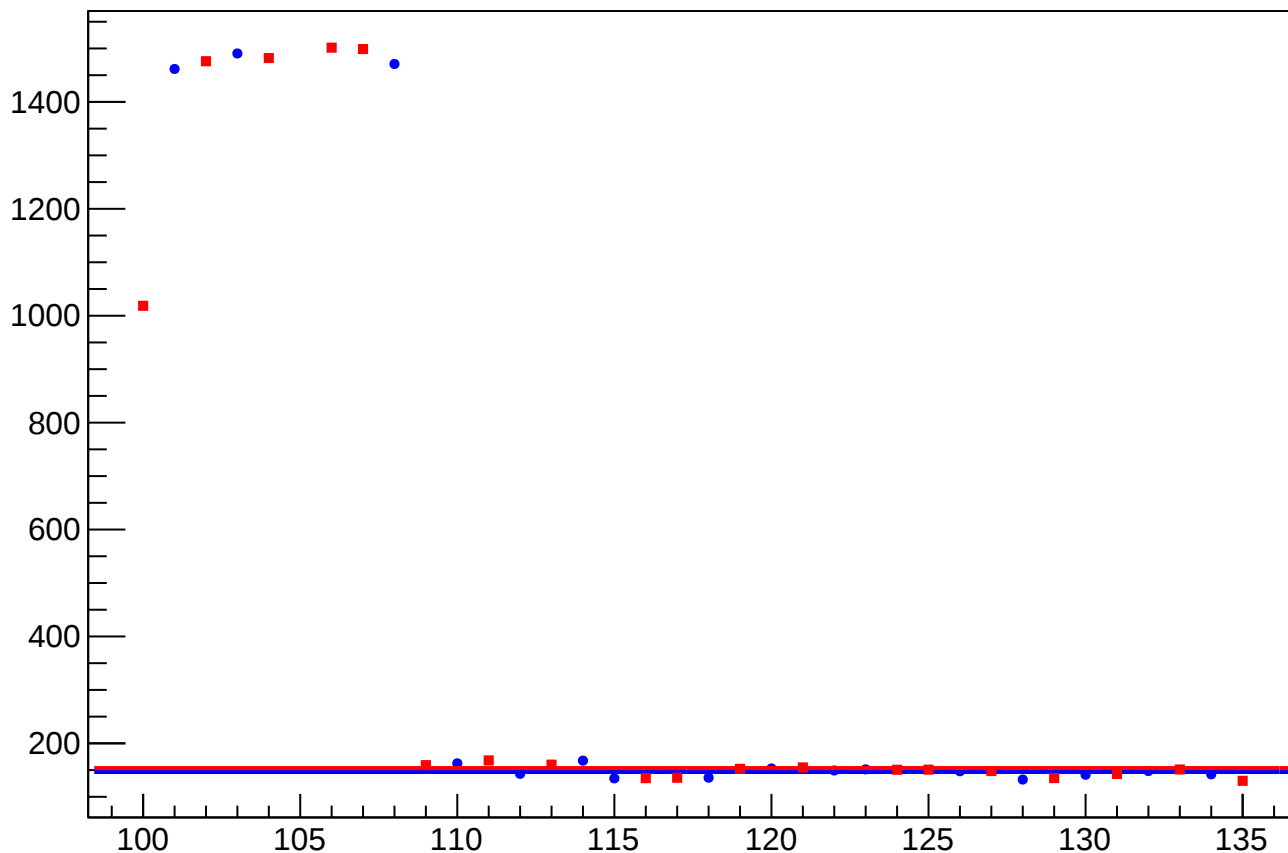
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 8323867.5/15

0.008+/-0.000 χ^2/NDF : 17567413.8/34

0.008+/-0.000 χ^2/NDF : 9243189.3/18

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.431+/-0.000 χ^2/NDF : 24348022123.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.807+/-0.000 χ^2/NDF : 33744744158.5/18

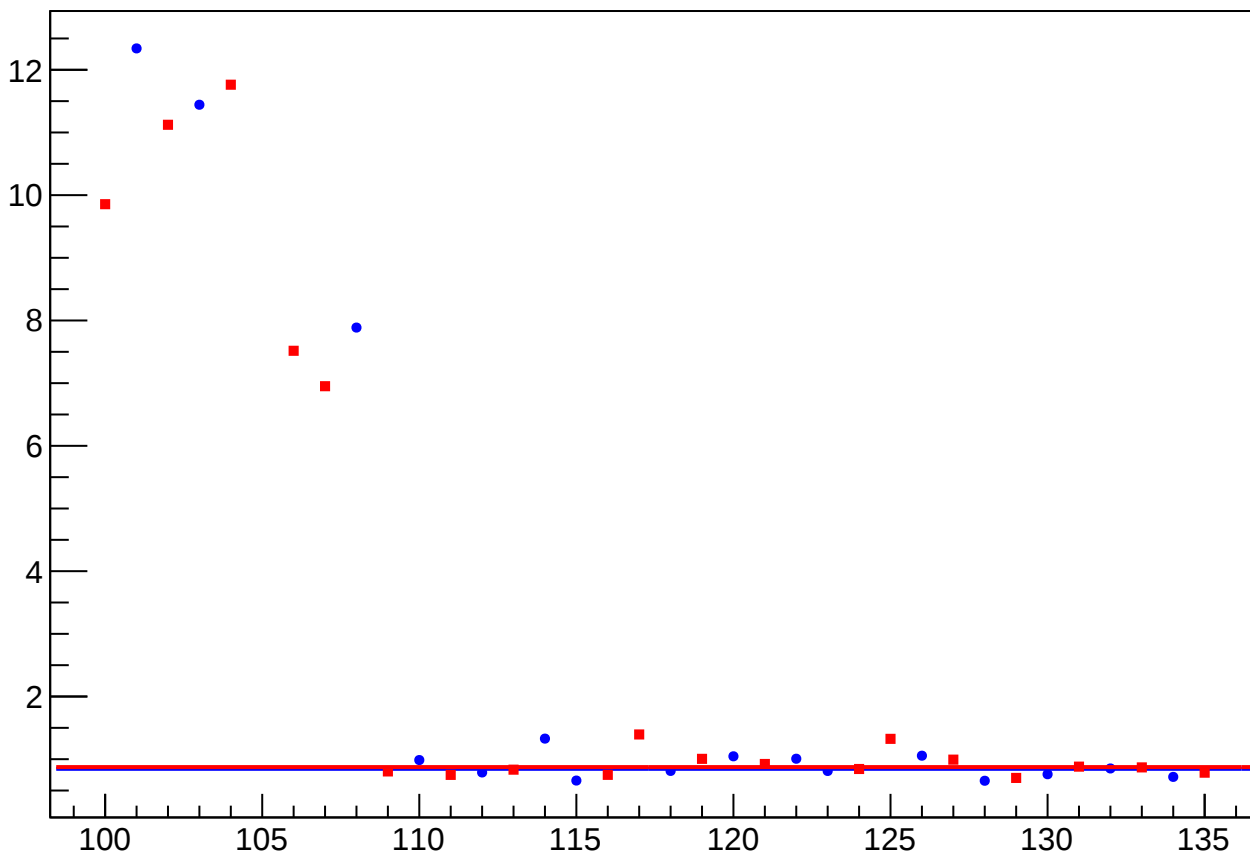
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.431+/-0.000 χ^2/NDF : 24348022123.6/15

150.348+/-0.000 χ^2/NDF : 58226102985.9

153.807+/-0.000 χ^2/NDF : 33744744158.5/18

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.846+/-0.000 χ^2/NDF : 2670004.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.874+/-0.000 χ^2/NDF : 2797227.8/18

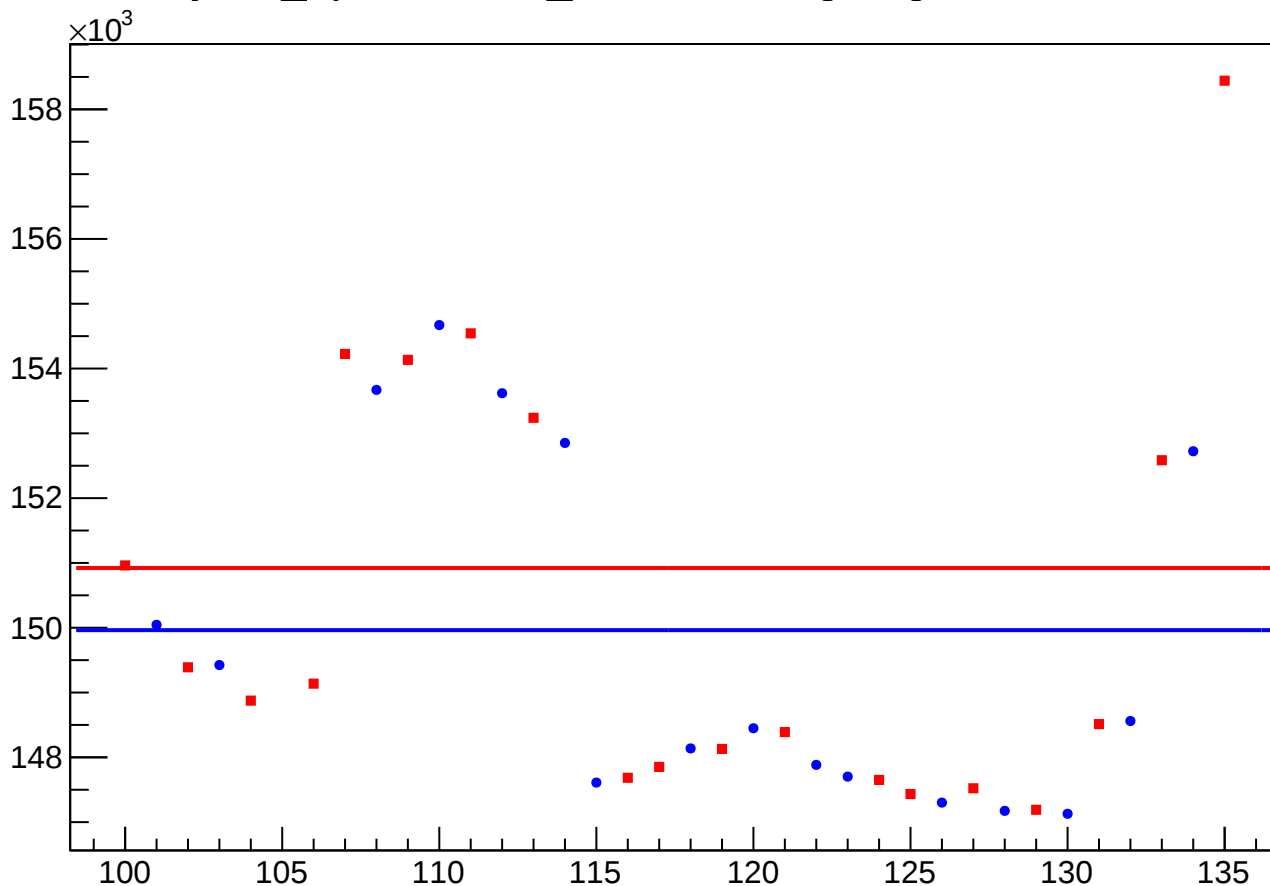
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.846+/-0.000 χ^2/NDF : 2670004.1/15

0.861+/-0.000 χ^2/NDF : 5470969.5/34

0.874+/-0.000 χ^2/NDF : 2797227.8/18

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150922.077 $\pm$ 0.060 χ^2 /NDF: 3025749057.0/18

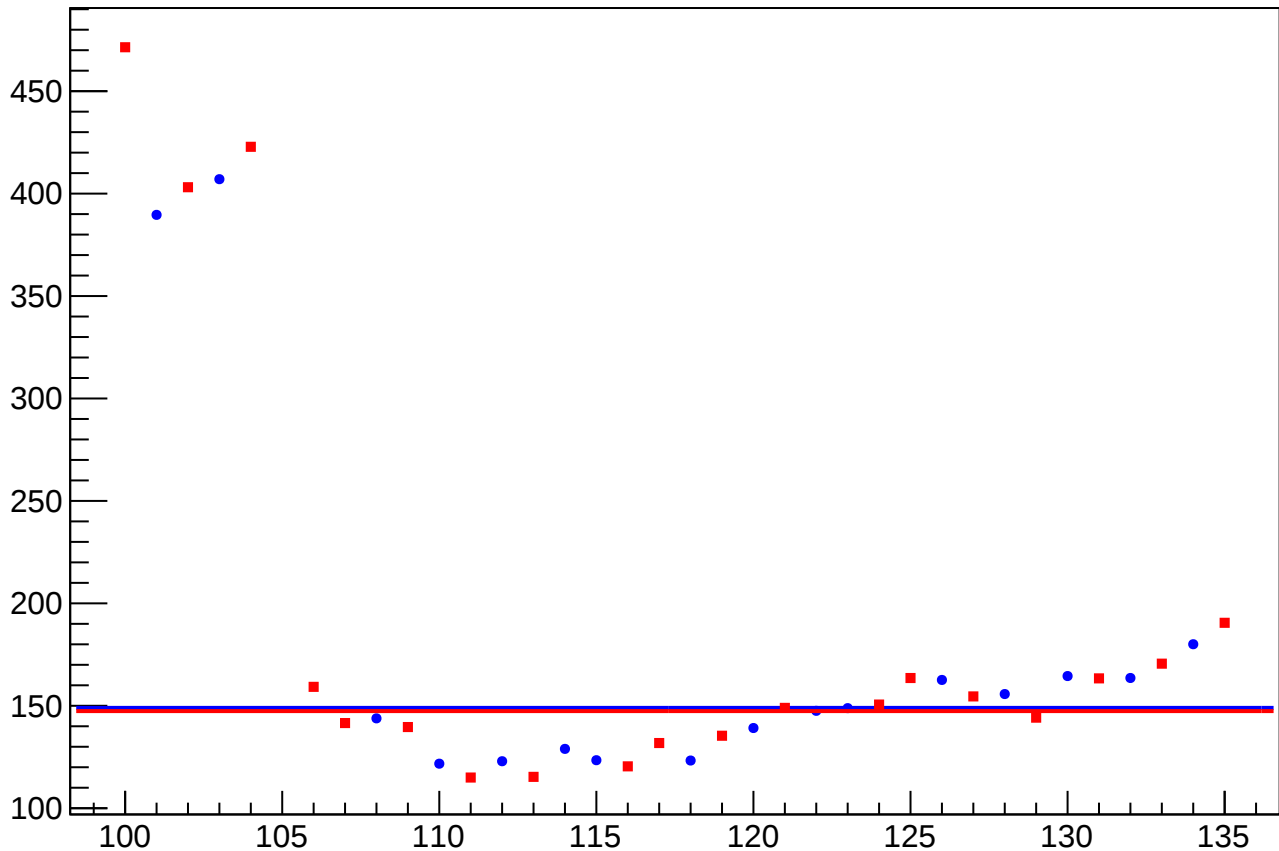
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149962.803 $\pm$ 0.066 χ^2 /NDF: 1914398457.1/15

150486.928 $\pm$ 0.044 χ^2 /NDF: 505632668

150922.077 $\pm$ 0.060 χ^2 /NDF: 3025749057.0/18

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.980+/-0.047 χ^2/NDF : 1070248.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.408+/-0.042 χ^2/NDF : 1167579.3/18

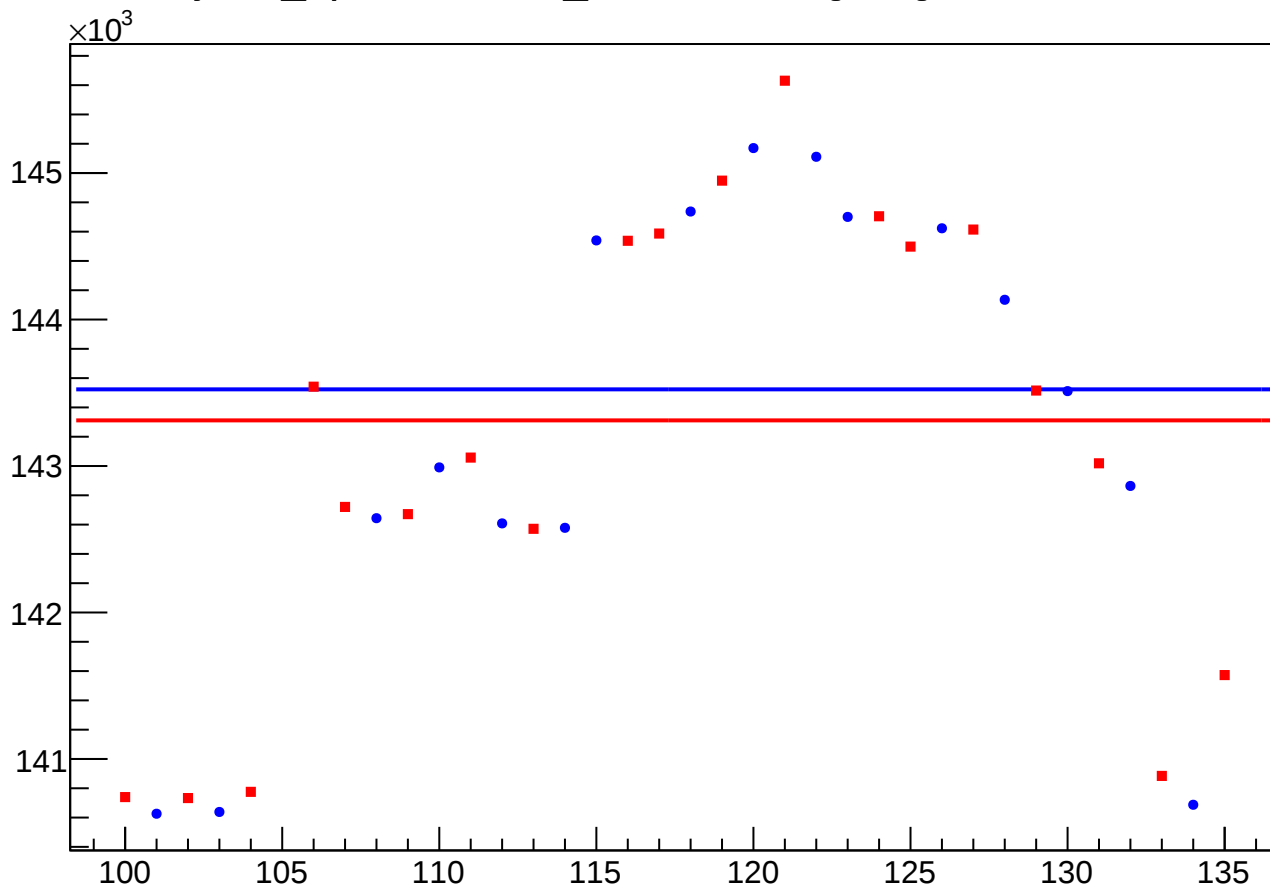
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.980+/-0.047 χ^2/NDF : 1070248.9/15

148.121+/-0.031 χ^2/NDF : 2238451.9/34

147.408+/-0.042 χ^2/NDF : 1167579.3/18

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143523.346 $\pm$ 0.055 χ^2 /NDF: 454436628.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143311.517 $\pm$ 0.049 χ^2 /NDF: 610028577.2/18

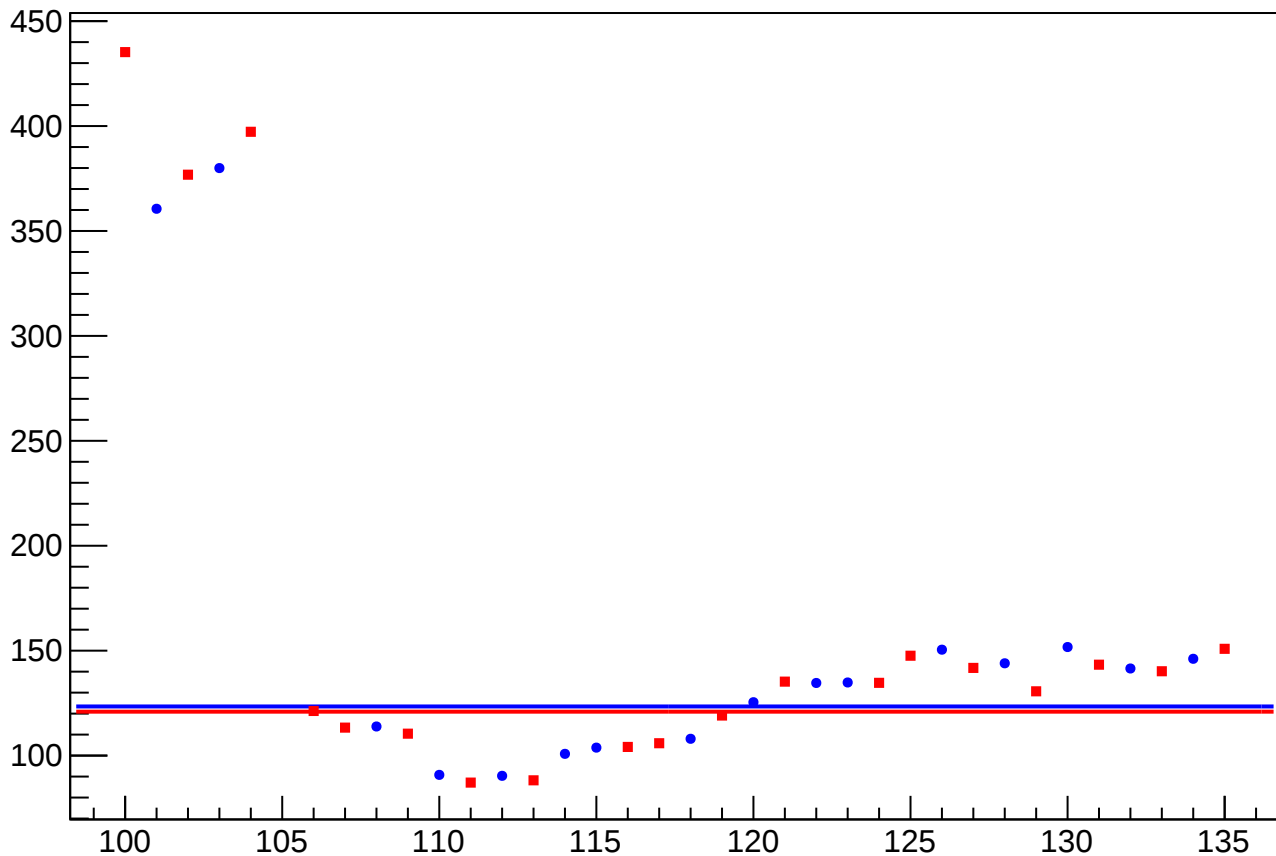
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143523.346 $\pm$ 0.055 χ^2 /NDF: 454436628.1/15

143405.345 $\pm$ 0.037 χ^2 /NDF: 107264074

143311.517 $\pm$ 0.049 χ^2 /NDF: 610028577.2/18

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 123.408 $\pm$ 0.039 χ^2 /NDF: 1372176.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.933 $\pm$ 0.035 χ^2 /NDF: 1443179.5/18

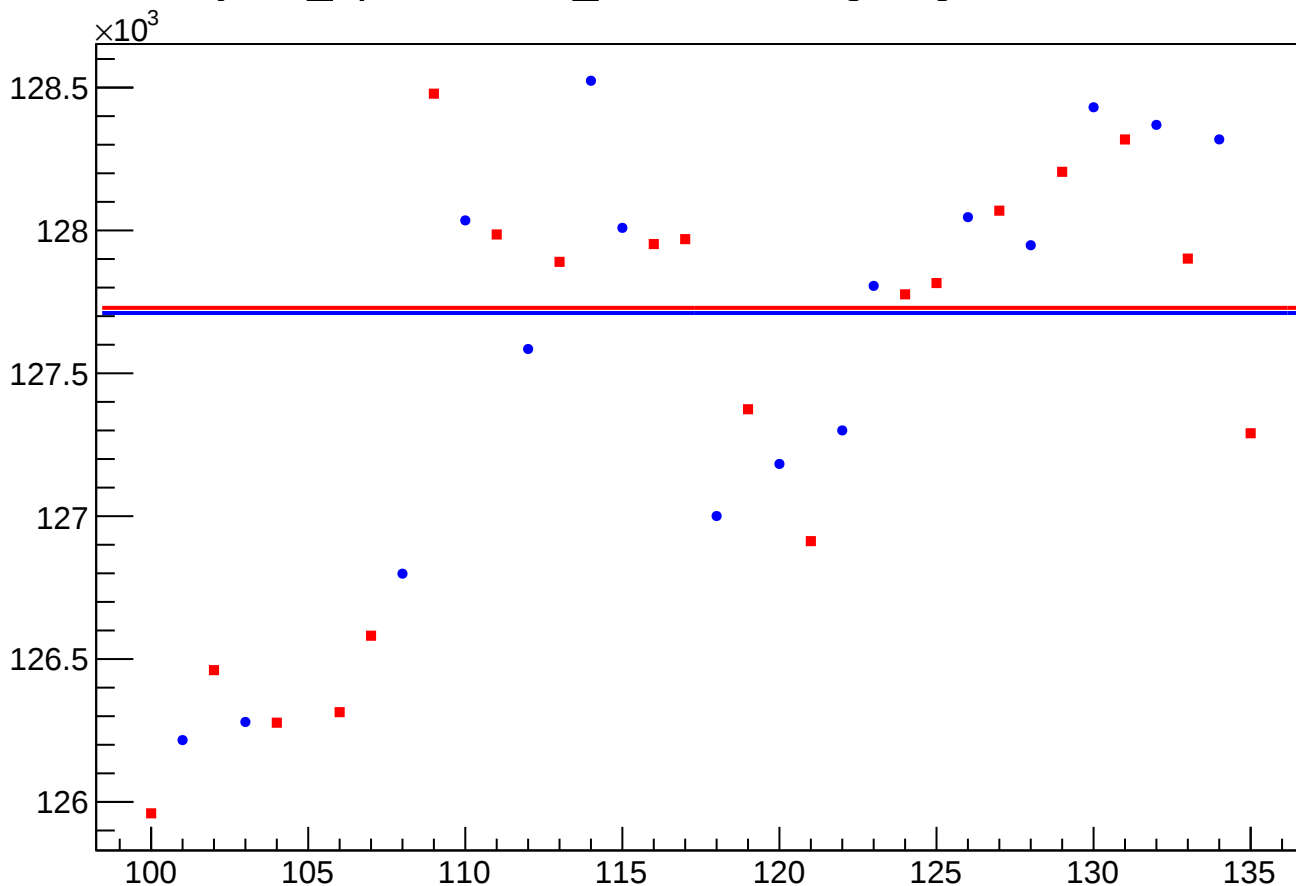
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

123.408 $\pm$ 0.039 χ^2 /NDF: 1372176.3/15

122.029 $\pm$ 0.026 χ^2 /NDF: 2817587.9/34

120.933 $\pm$ 0.035 χ^2 /NDF: 1443179.5/18

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127729.111 $\pm$ 0.055 χ^2 /NDF: 112740941.7/18

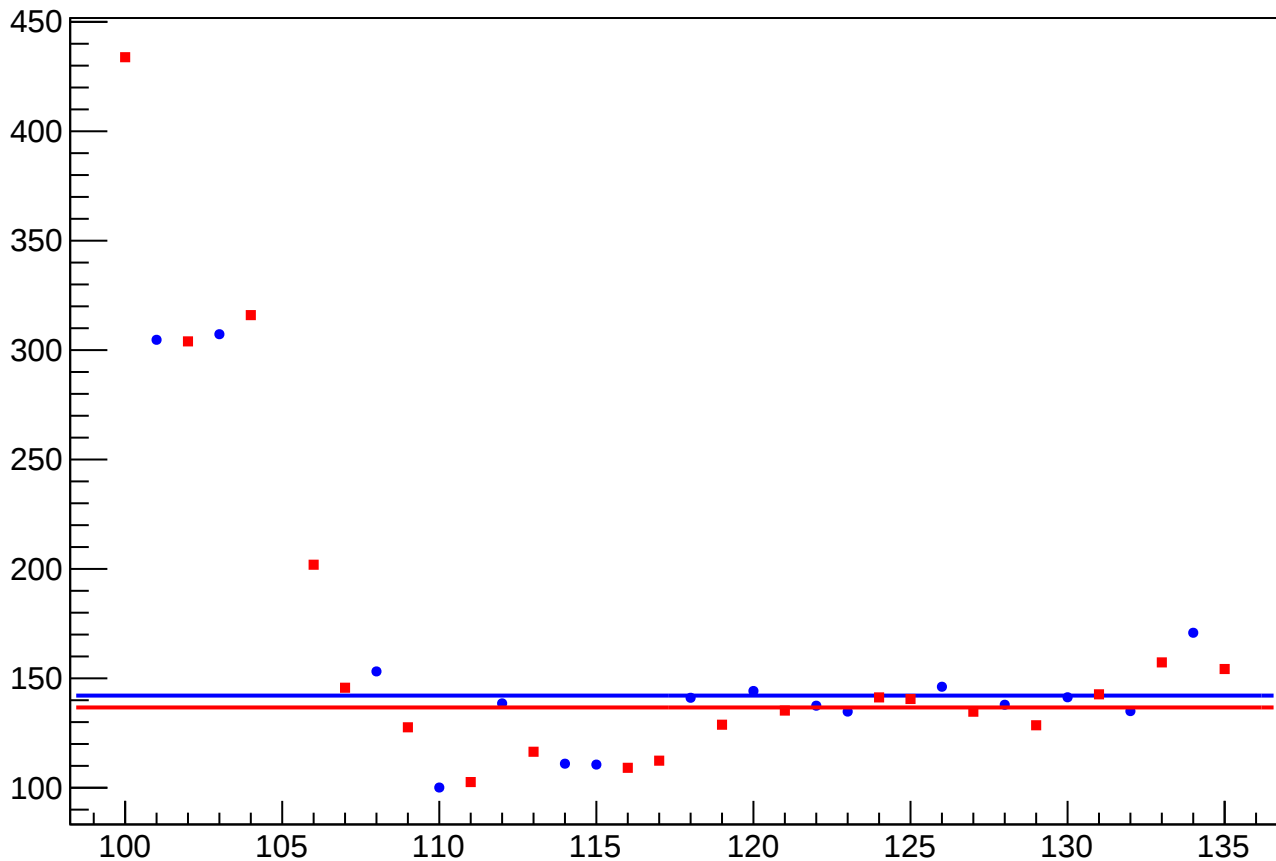
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127711.004 $\pm$ 0.062 χ^2 /NDF: 97815168.4/15

127721.187 $\pm$ 0.041 χ^2 /NDF: 210603626

127729.111 $\pm$ 0.055 χ^2 /NDF: 112740941.7/18

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.116 $\pm$ 0.044 χ^2 /NDF: 835681.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.694 $\pm$ 0.039 χ^2 /NDF: 959563.2/18

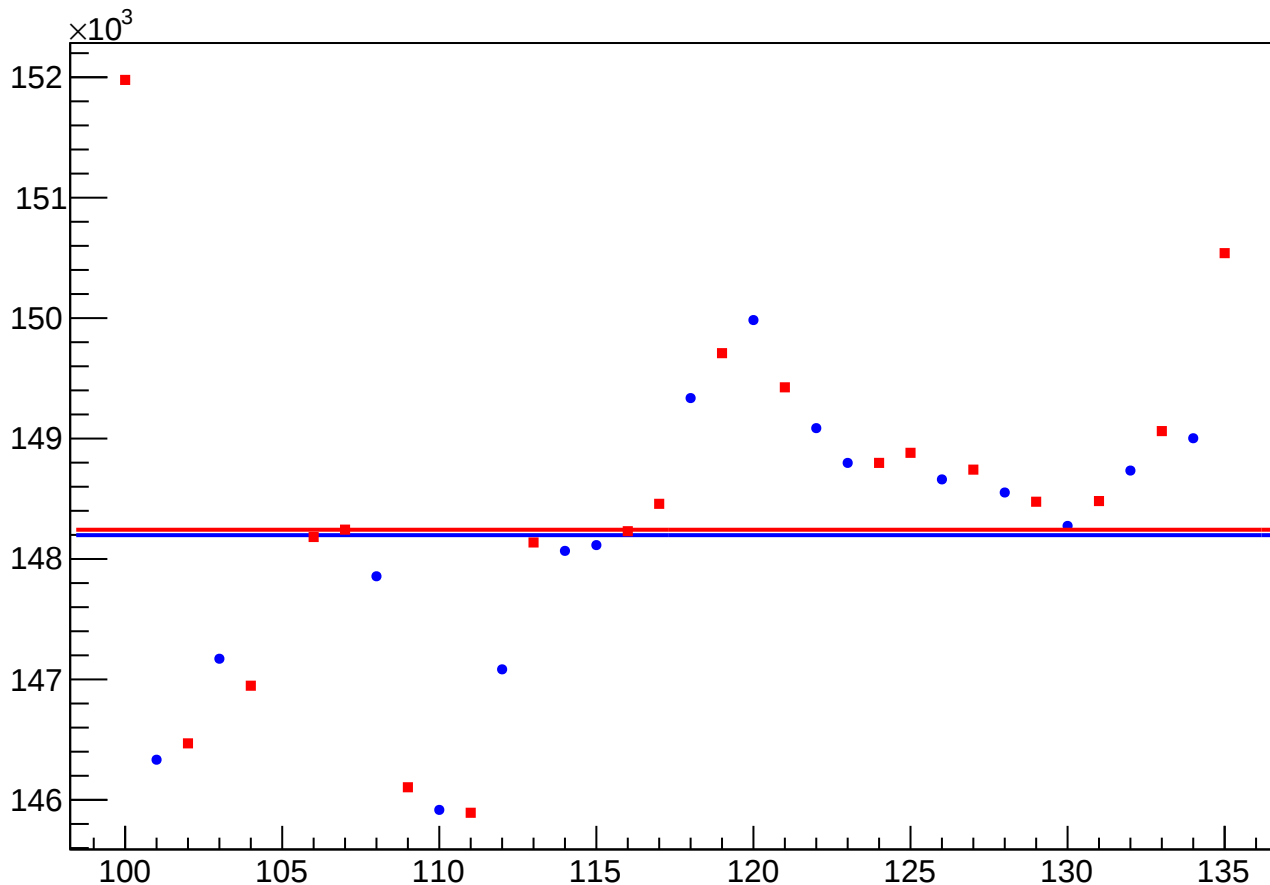
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

142.116 $\pm$ 0.044 χ^2 /NDF: 835681.9/15

139.067 $\pm$ 0.029 χ^2 /NDF: 1803766.9/34

136.694 $\pm$ 0.039 χ^2 /NDF: 959563.2/18

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 148197.841+/-0.089 χ^2/NDF : 115921787.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148242.913+/-0.077 χ^2/NDF : 273900341.8/18

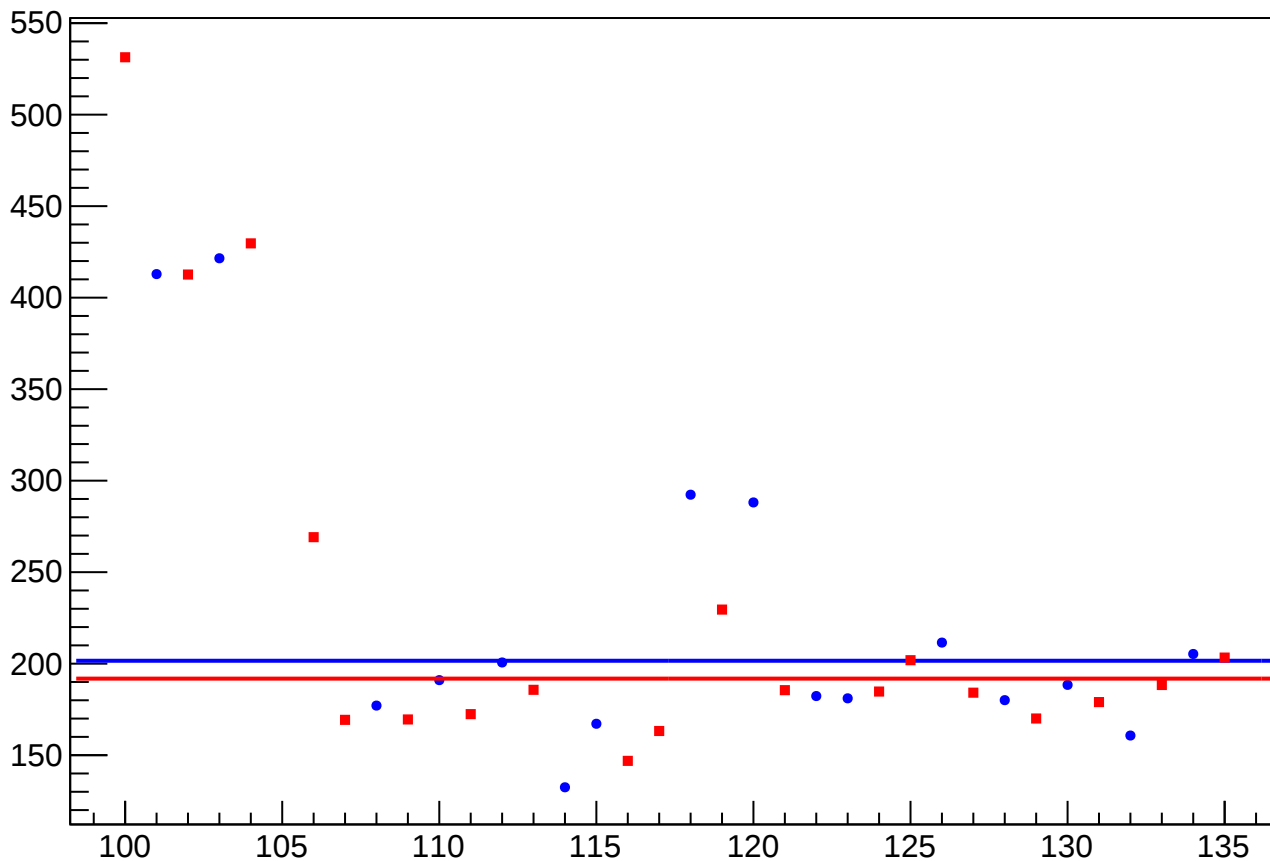
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148197.841+/-0.089 χ^2/NDF : 115921787.0/15

148223.559+/-0.058 χ^2/NDF : 389968847

148242.913+/-0.077 χ^2/NDF : 273900341.8/18

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 201.595 $\pm$ 0.063 χ^2 /NDF: 934382.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 191.837 $\pm$ 0.055 χ^2 /NDF: 846615.5/18

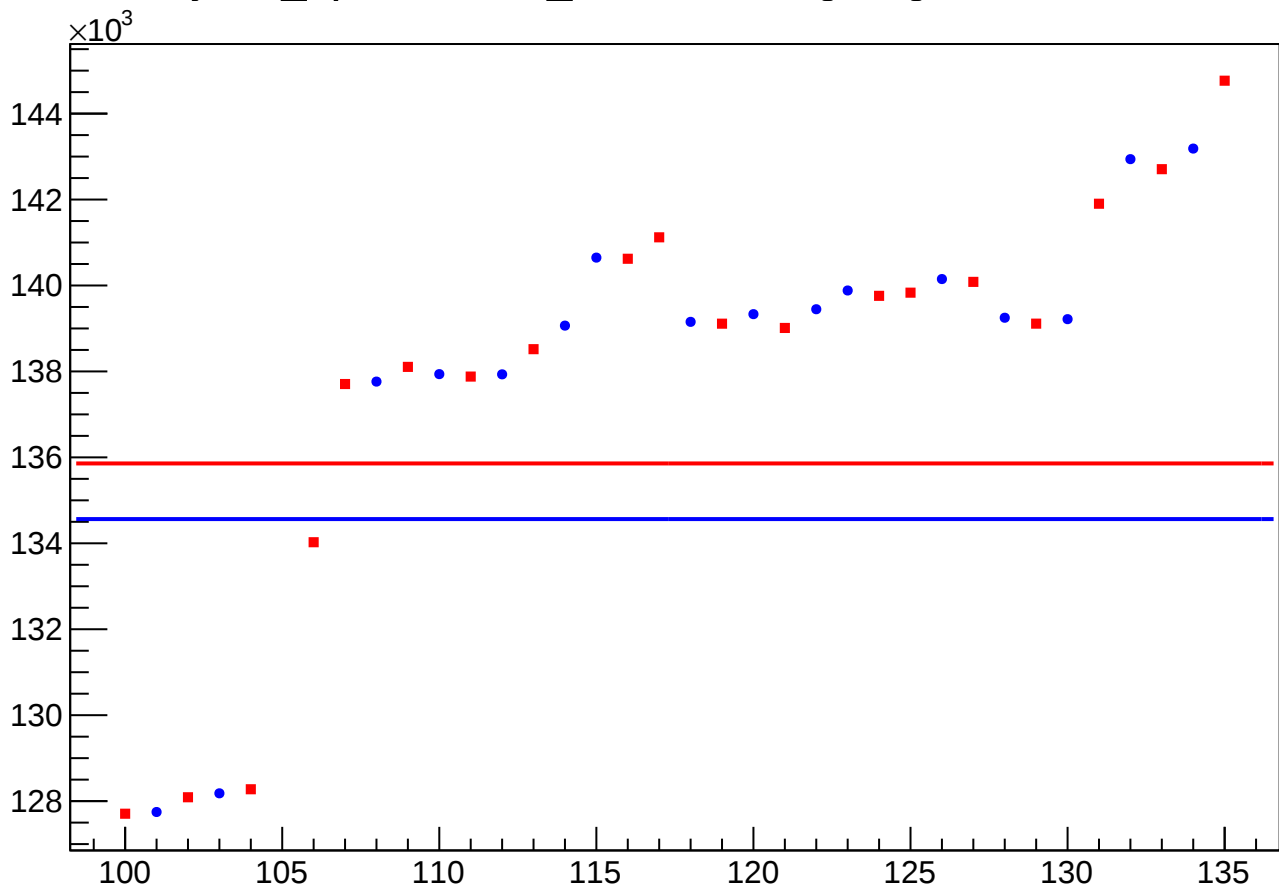
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

201.595 $\pm$ 0.063 χ^2 /NDF: 934382.2/15

196.027 $\pm$ 0.041 χ^2 /NDF: 1794752.1/34

191.837 $\pm$ 0.055 χ^2 /NDF: 846615.5/18

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135858.509 $\pm$ 0.184 χ^2 /NDF: 1047350138.3/18

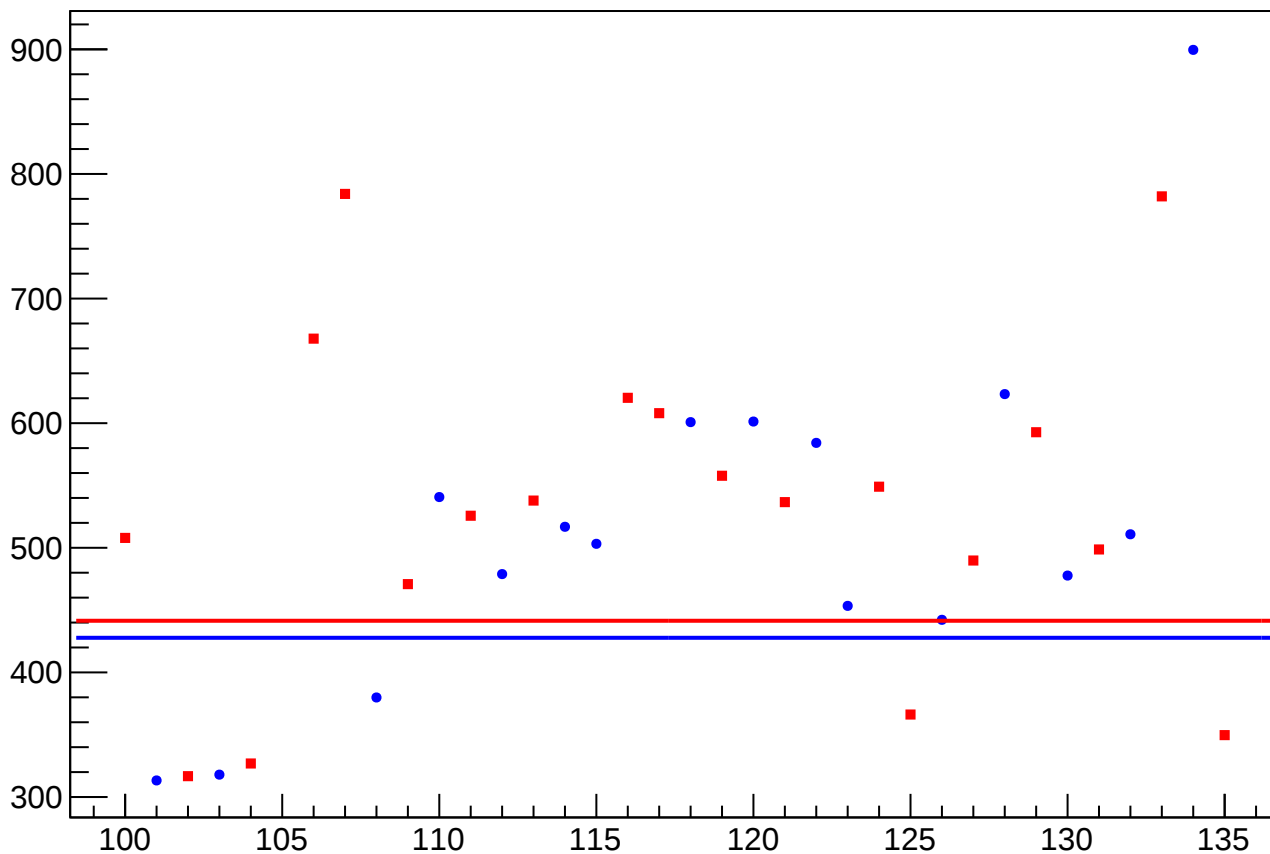
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

134563.757 $\pm$ 0.191 χ^2 /NDF: 909200213.8/15

135236.137 $\pm$ 0.132 χ^2 /NDF: 198039541

135858.509 $\pm$ 0.184 χ^2 /NDF: 1047350138.3/18

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.781+/-0.135 χ^2/NDF : 721279.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.443+/-0.130 χ^2/NDF : 896955.7/18

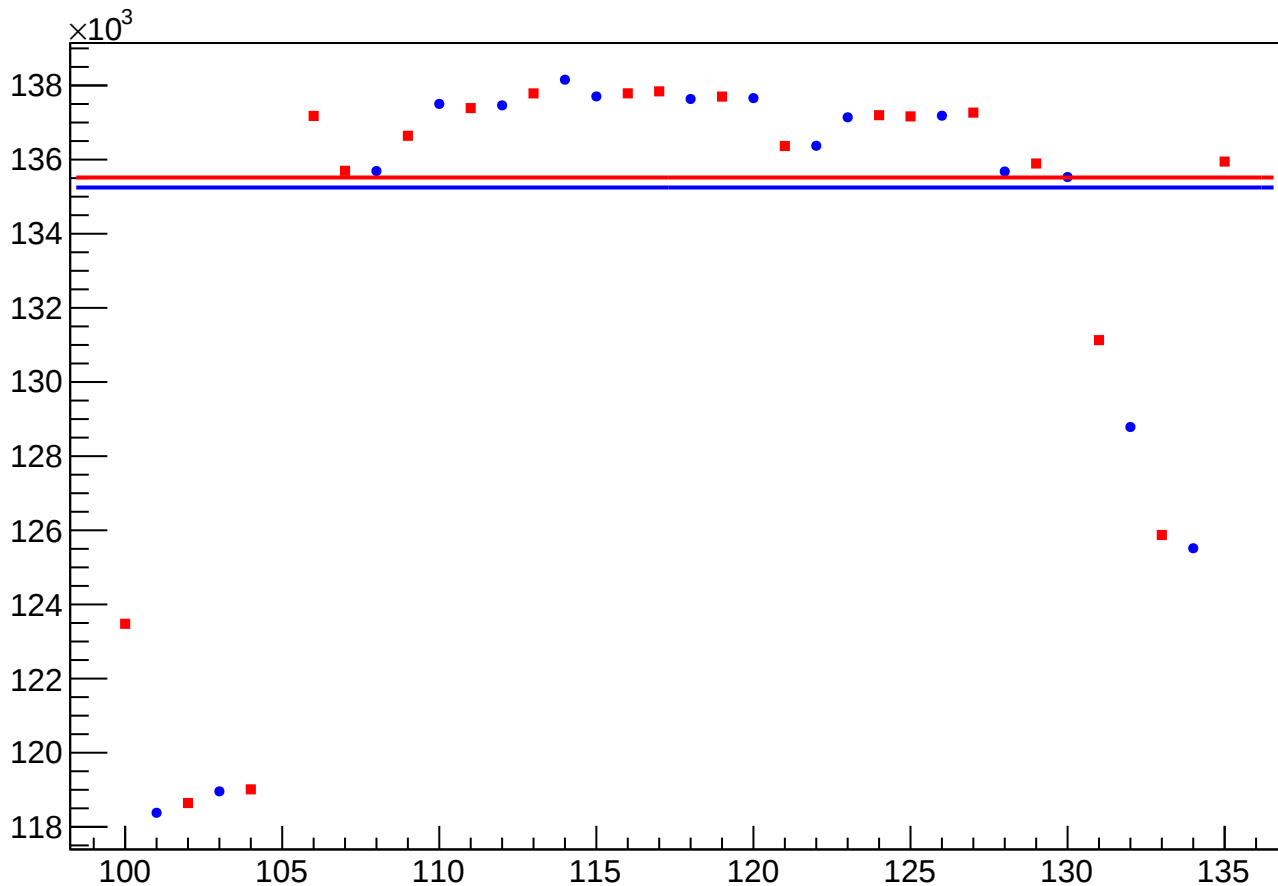
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.781+/-0.135 χ^2/NDF : 721279.9/15

434.876+/-0.094 χ^2/NDF : 1623545.6/34

441.443+/-0.130 χ^2/NDF : 896955.7/18

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135516.942 $\pm$ 0.065 χ^2 /NDF: 4743480475.0/18

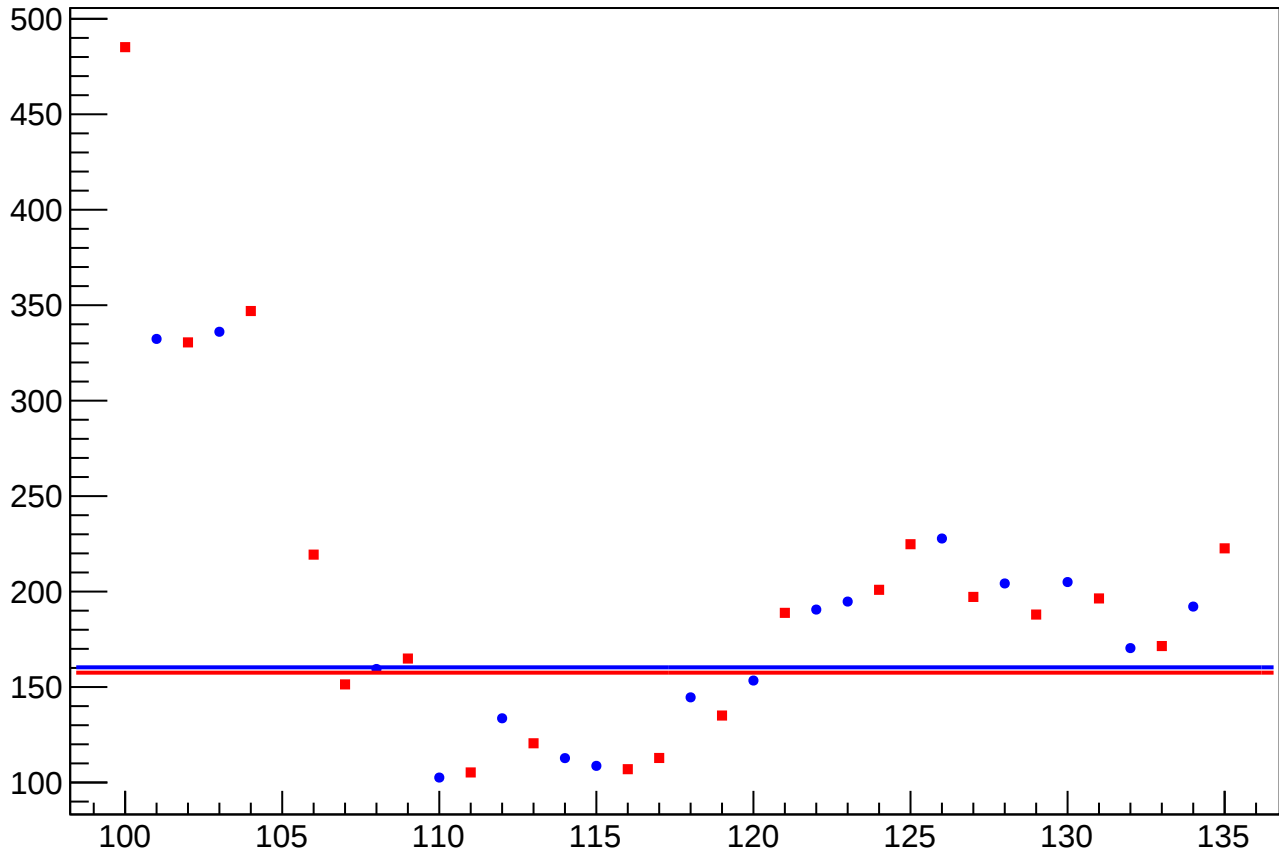
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135247.324 $\pm$ 0.072 χ^2 /NDF: 4534996820.5/15

135396.028 $\pm$ 0.048 χ^2 /NDF: 928630597

135516.942 $\pm$ 0.065 χ^2 /NDF: 4743480475.0/18

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 160.322+/-0.051 χ^2/NDF : 1161517.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.524+/-0.046 χ^2/NDF : 1380861.9/18

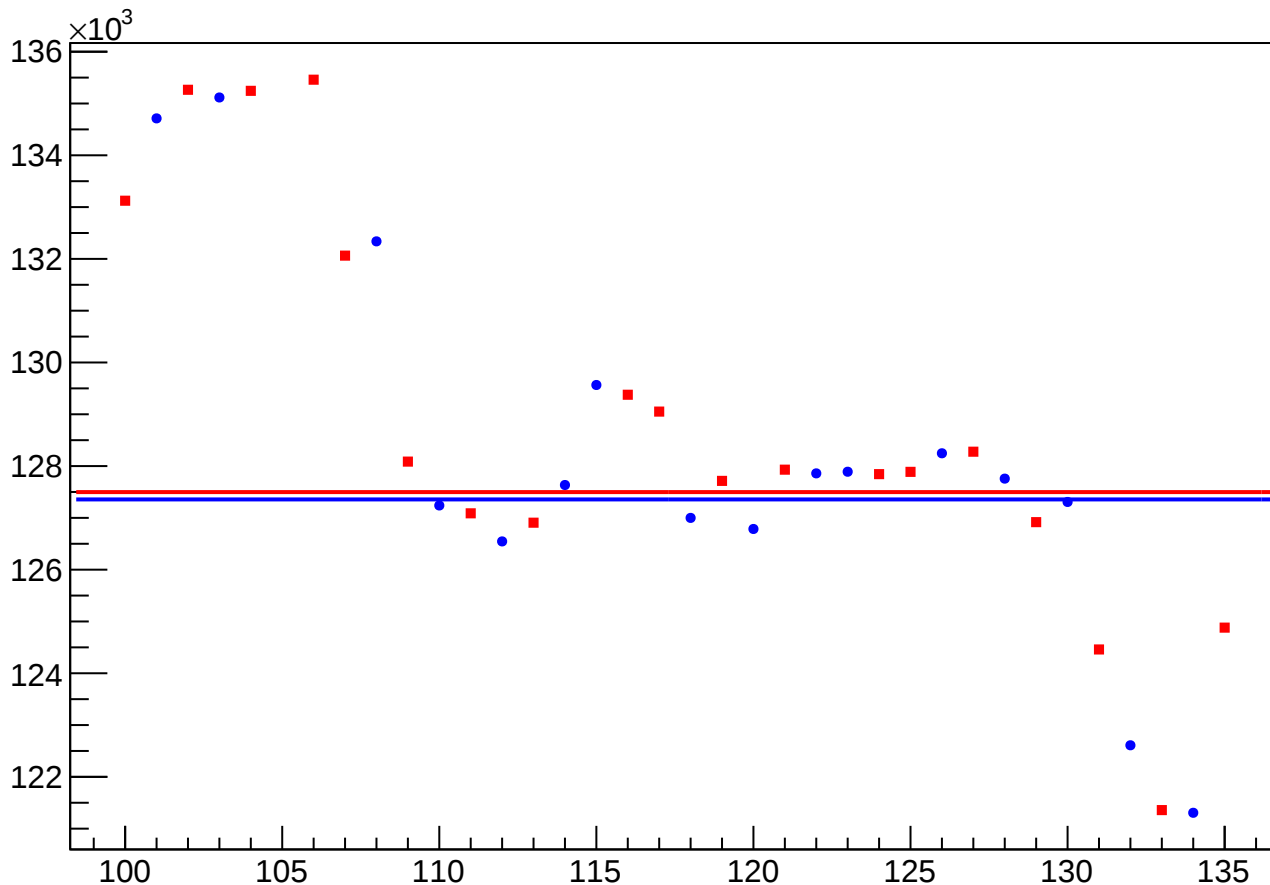
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.322+/-0.051 χ^2/NDF : 1161517.5/15

158.779+/-0.034 χ^2/NDF : 2544066.5/34

157.524+/-0.046 χ^2/NDF : 1380861.9/18

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127497.800 $\pm$ 0.062 χ^2 /NDF: 2053995113.6/18

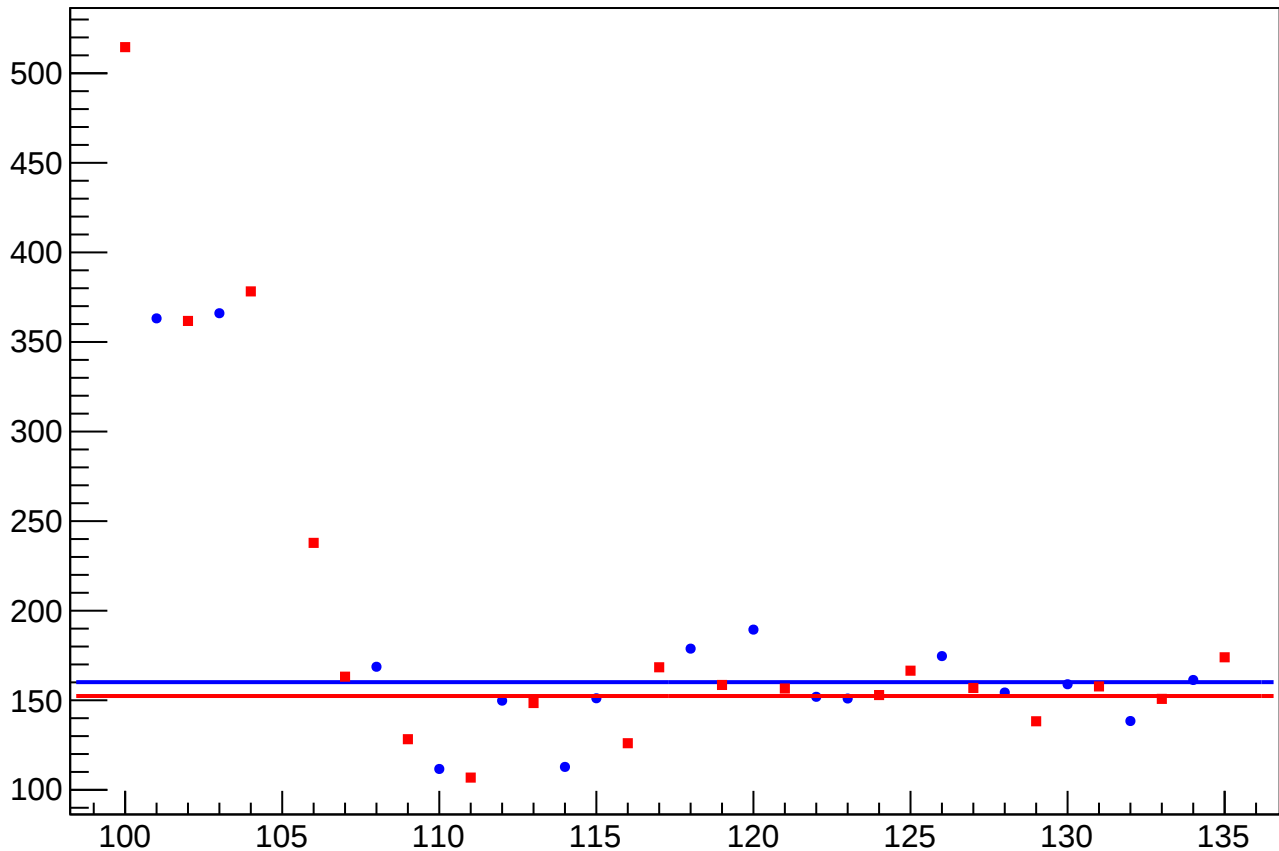
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127356.144 $\pm$ 0.071 χ^2 /NDF: 1614900372.0/15

127436.576 $\pm$ 0.047 χ^2 /NDF: 367113801

127497.800 $\pm$ 0.062 χ^2 /NDF: 2053995113.6/18

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.121+/-0.050 χ^2/NDF : 942173.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.379+/-0.044 χ^2/NDF : 1084974.3/18

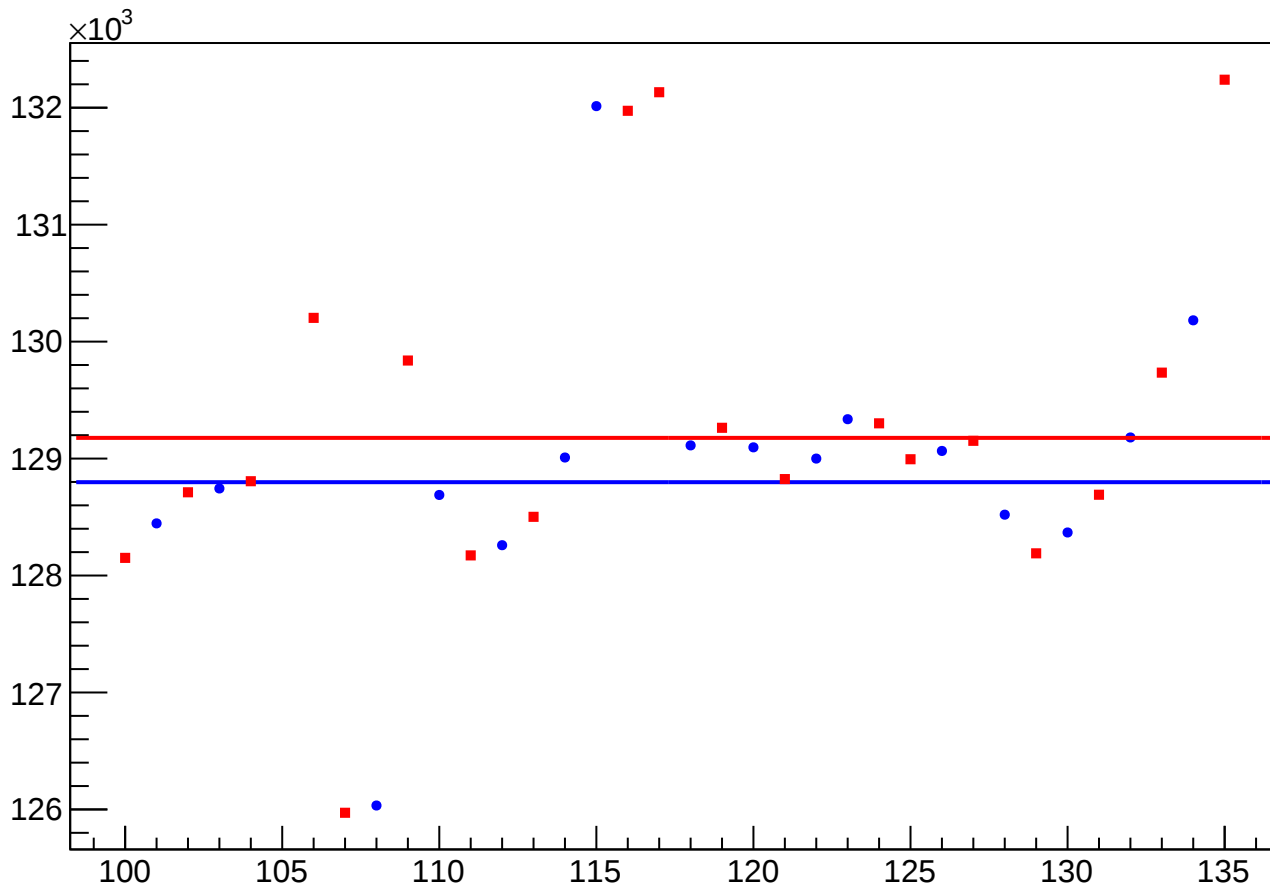
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.121+/-0.050 χ^2/NDF : 942173.4/15

155.725+/-0.033 χ^2/NDF : 2040543.9/34

152.379+/-0.044 χ^2/NDF : 1084974.3/18

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129176.935 $\pm$ 0.056 χ^2 /NDF: 632941733.7/18

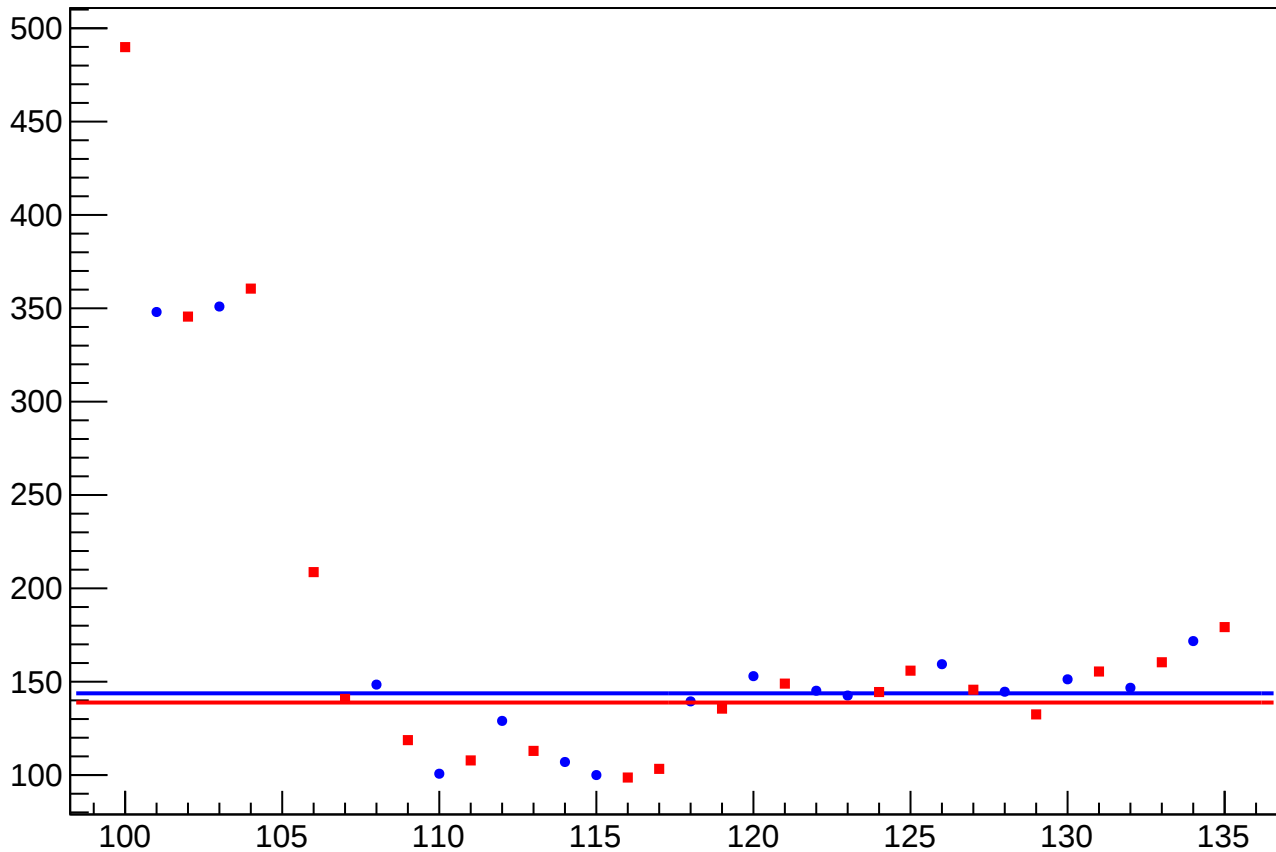
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

128798.113 $\pm$ 0.064 χ^2 /NDF: 300214255.7/15

129010.307 $\pm$ 0.042 χ^2 /NDF: 953061463

129176.935 $\pm$ 0.056 χ^2 /NDF: 632941733.7/18

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 143.774+/-0.045 χ^2/NDF : 1030847.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.842+/-0.040 χ^2/NDF : 1202186.4/18

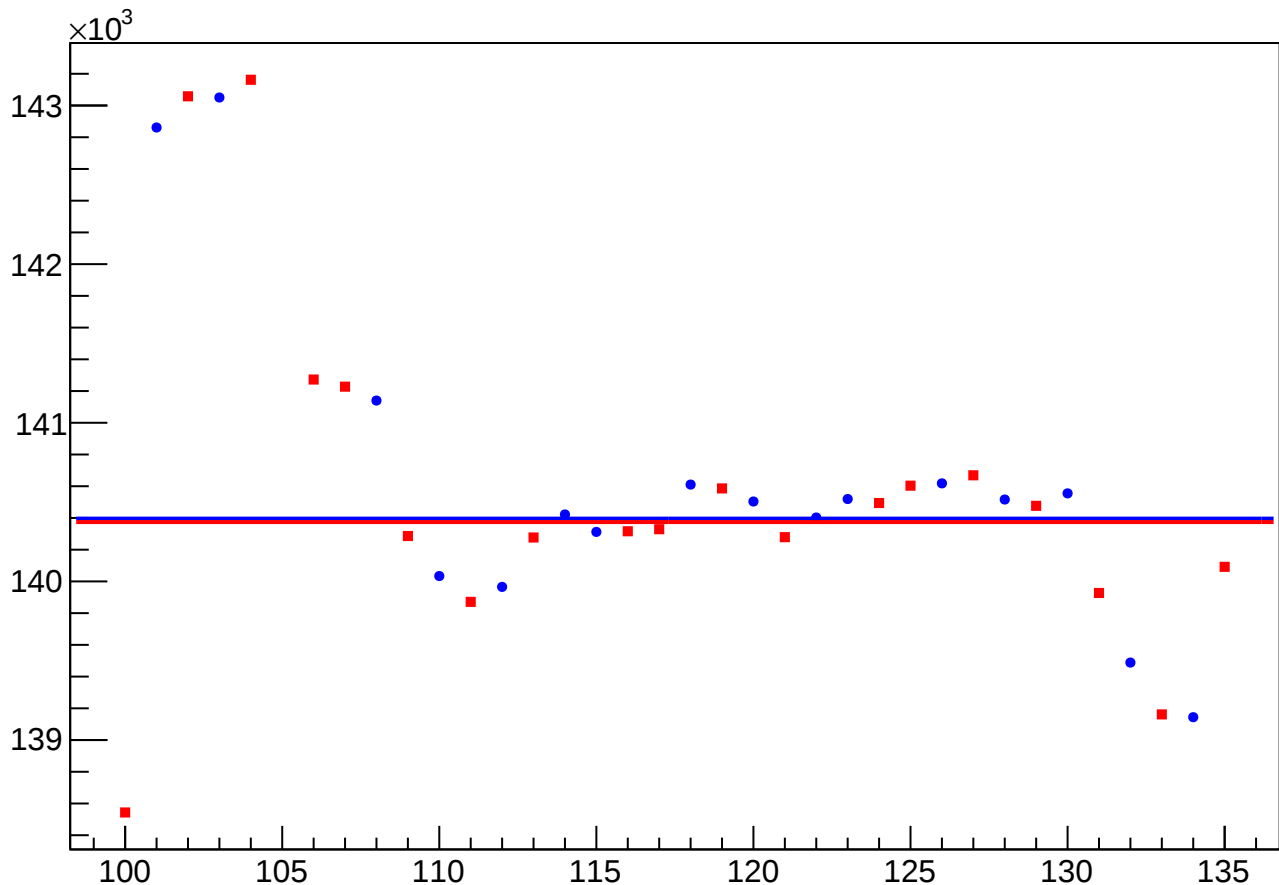
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.774+/-0.045 χ^2/NDF : 1030847.9/15

141.012+/-0.030 χ^2/NDF : 2239782.6/34

138.842+/-0.040 χ^2/NDF : 1202186.4/18

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140395.845 $\pm$ 0.068 χ^2 /NDF: 87995181.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140374.037 $\pm$ 0.060 χ^2 /NDF: 99833148.6/18

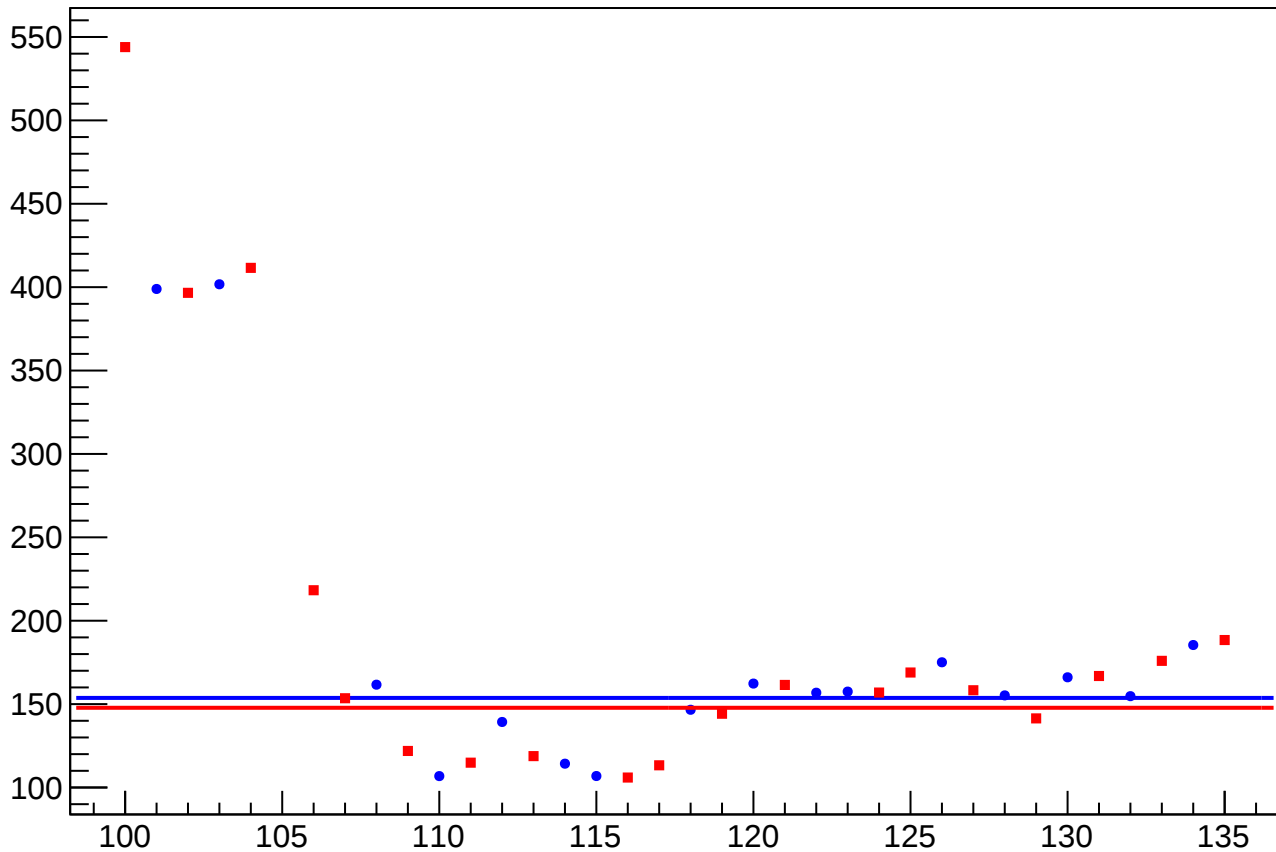
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140395.845 $\pm$ 0.068 χ^2 /NDF: 87995181.2/15

140383.583 $\pm$ 0.045 χ^2 /NDF: 187885999

140374.037 $\pm$ 0.060 χ^2 /NDF: 99833148.6/18

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 153.717+/-0.048 χ^2/NDF : 1125928.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.801+/-0.042 χ^2/NDF : 1301235.0/18

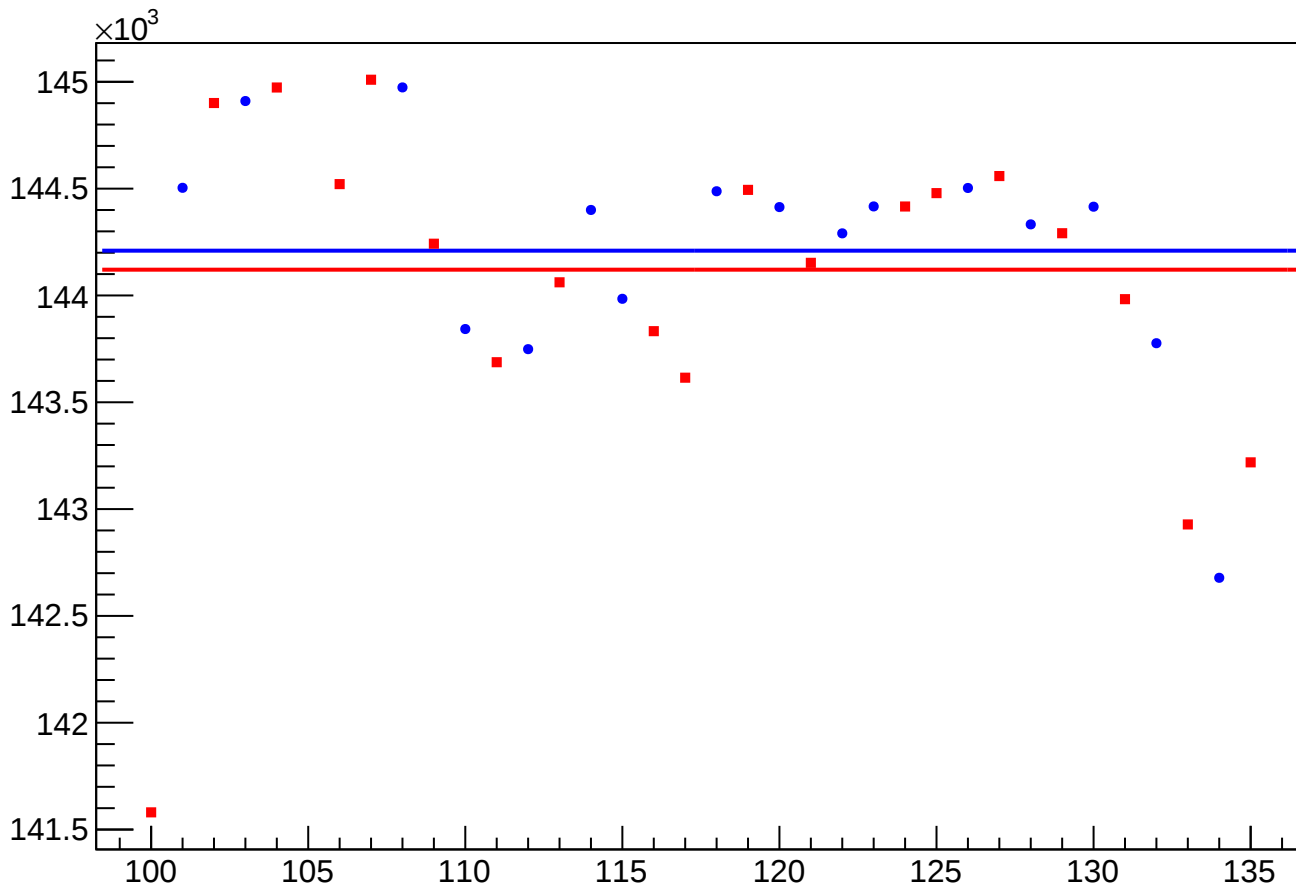
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.717+/-0.048 χ^2/NDF : 1125928.3/15

150.390+/-0.032 χ^2/NDF : 2435651.9/34

147.801+/-0.042 χ^2/NDF : 1301235.0/18

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144209.626 $\pm$ 0.071 χ^2/NDF : 37494096.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

144209.626 $\pm$ 0.071 χ^2/NDF : 37494096.4/15

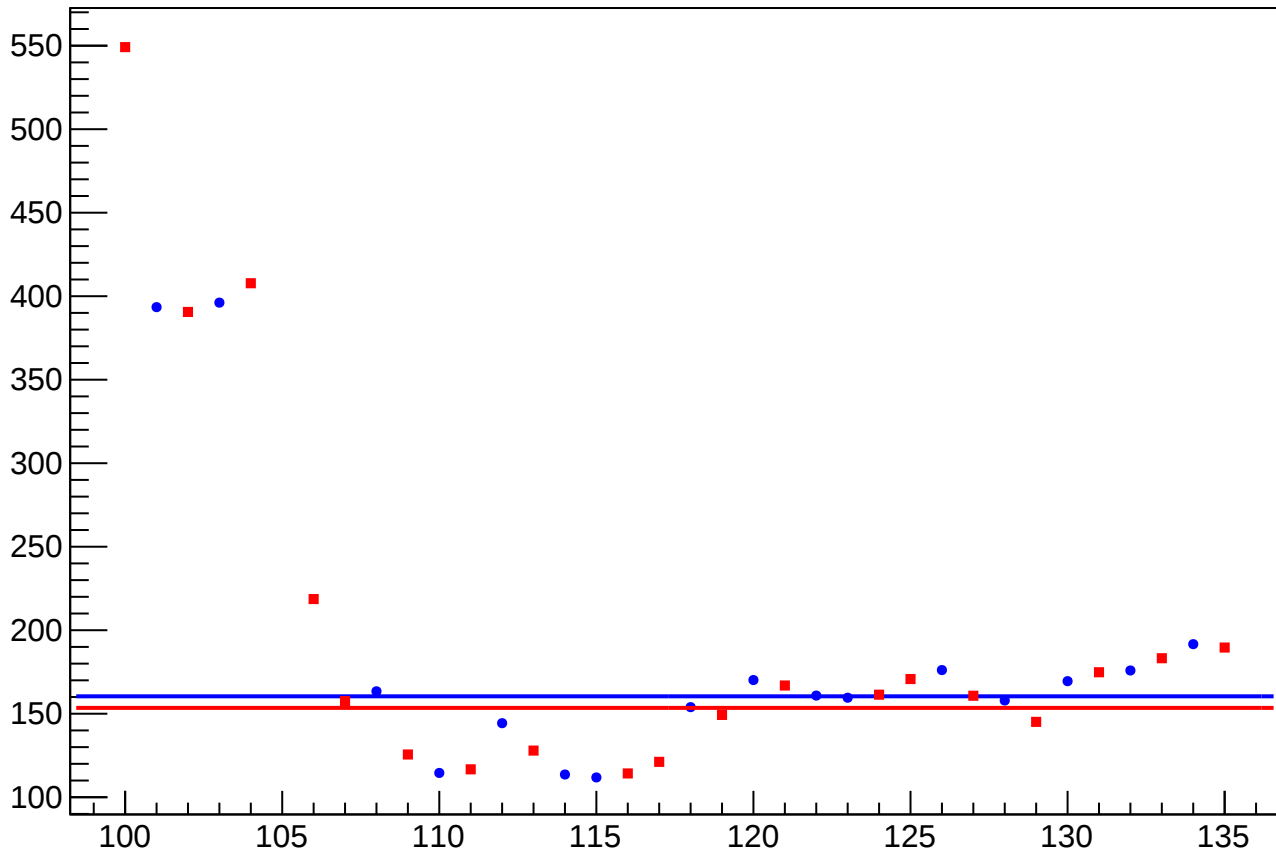
144159.343 $\pm$ 0.047 χ^2/NDF : 100809875

Right Out: 144120.657 $\pm$ 0.062 χ^2/NDF : 62425052.5/18

144120.657 $\pm$ 0.062 χ^2/NDF : 62425052.5/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 160.424+/-0.050 χ^2/NDF : 1047889.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.498+/-0.044 χ^2/NDF : 1212501.5/18

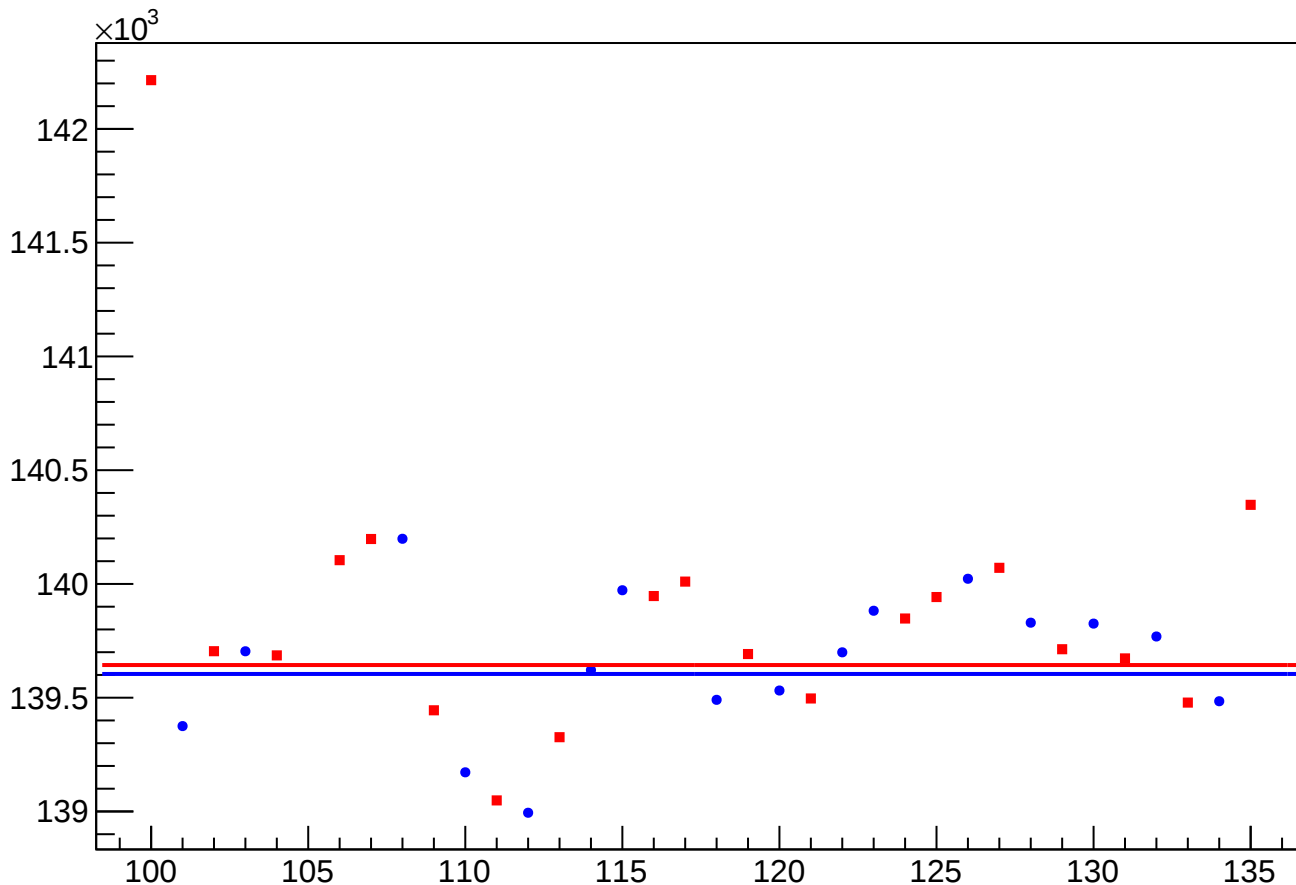
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.424+/-0.050 χ^2/NDF : 1047889.2/15

156.510+/-0.033 χ^2/NDF : 2271184.3/34

153.498+/-0.044 χ^2/NDF : 1212501.5/18

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139643.549 $\pm$ 0.063 χ^2 /NDF: 32652016.4/18

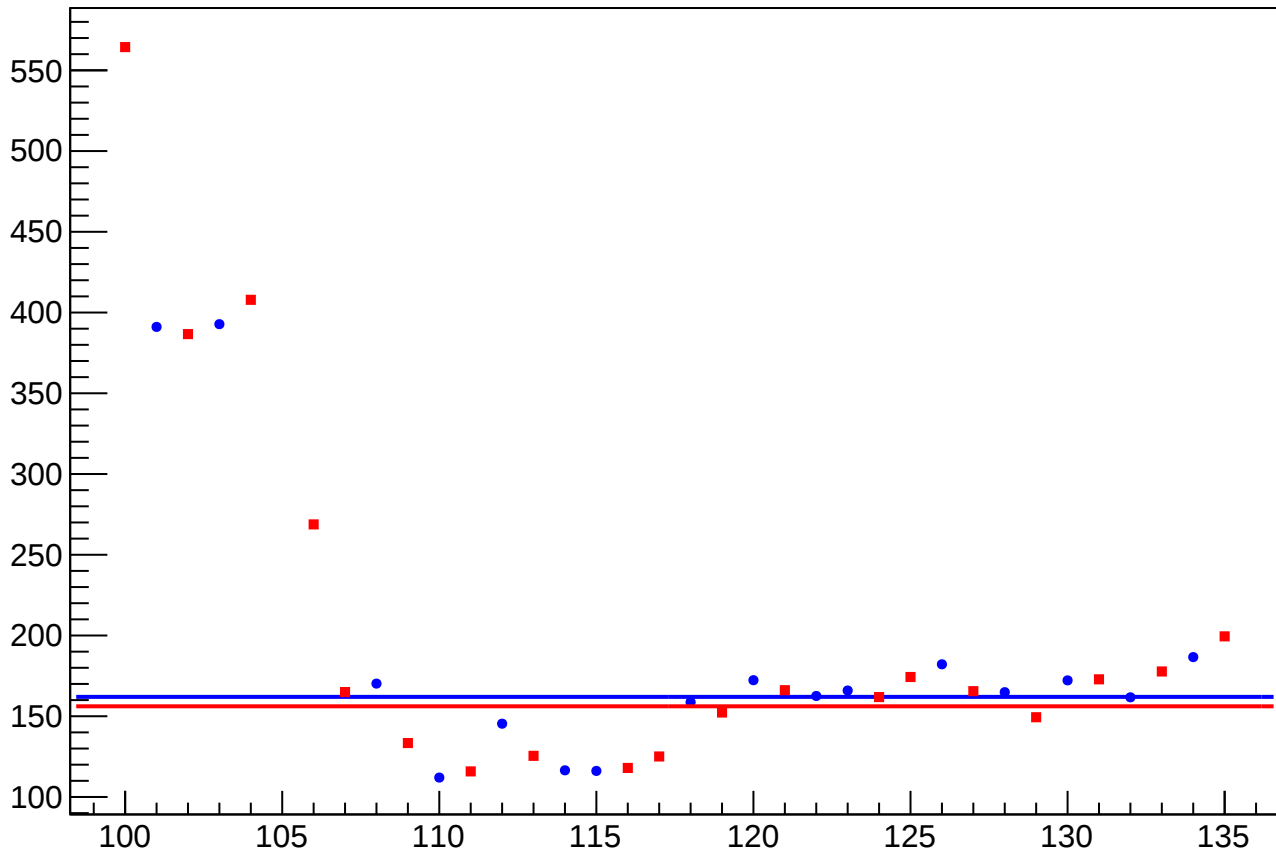
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139604.312 $\pm$ 0.072 χ^2 /NDF: 23103932.7/15

139626.318 $\pm$ 0.047 χ^2 /NDF: 55924463.1

139643.549 $\pm$ 0.063 χ^2 /NDF: 32652016.4/18

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.154 $\pm$ 0.045 χ^2 /NDF: 1238416.7/18

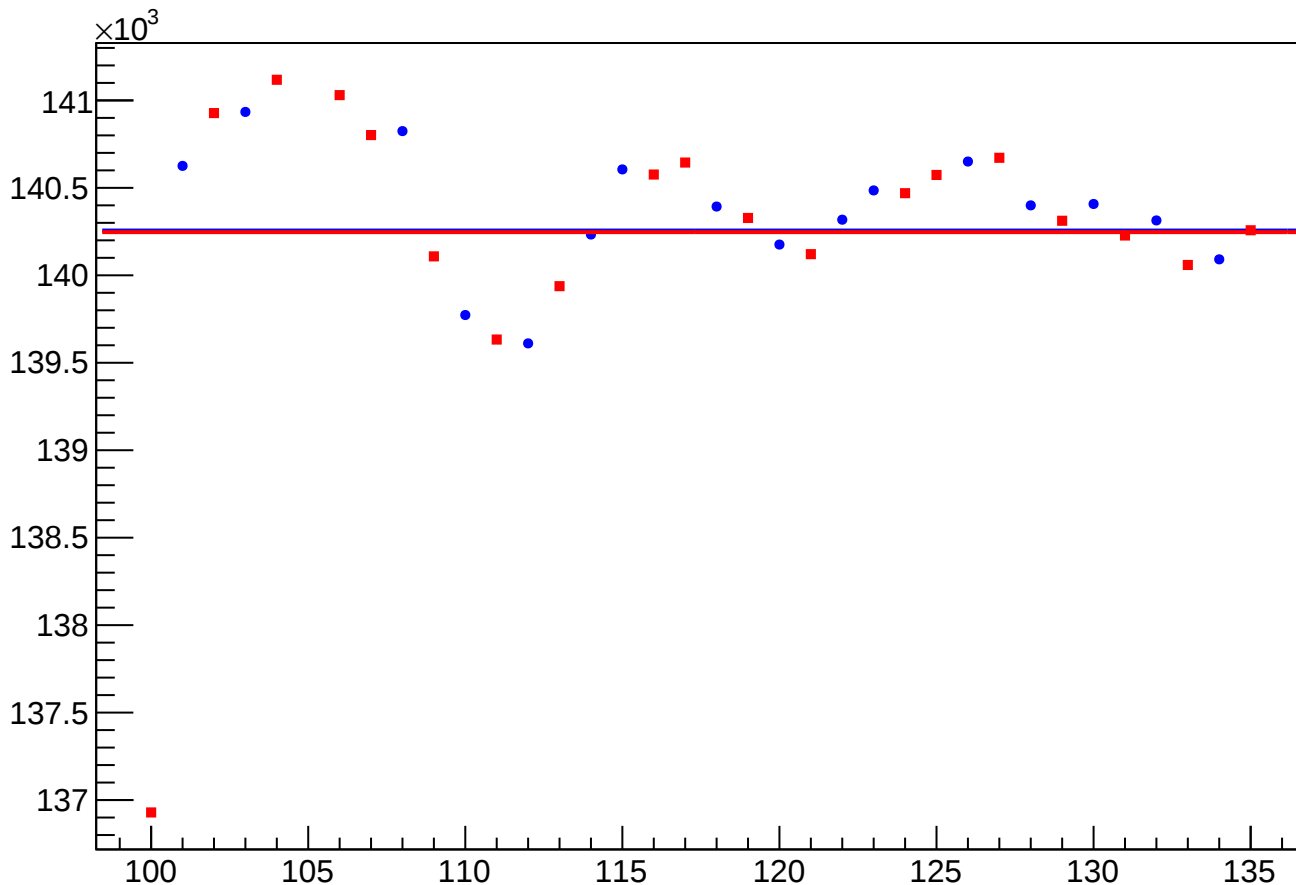
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.997 $\pm$ 0.051 χ^2 /NDF: 1034838.5/15

158.720 $\pm$ 0.034 χ^2 /NDF: 2280730.4/34

156.154 $\pm$ 0.045 χ^2 /NDF: 1238416.7/18

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140255.887 $\pm$ 0.072 χ^2 /NDF: 25251692.5/15

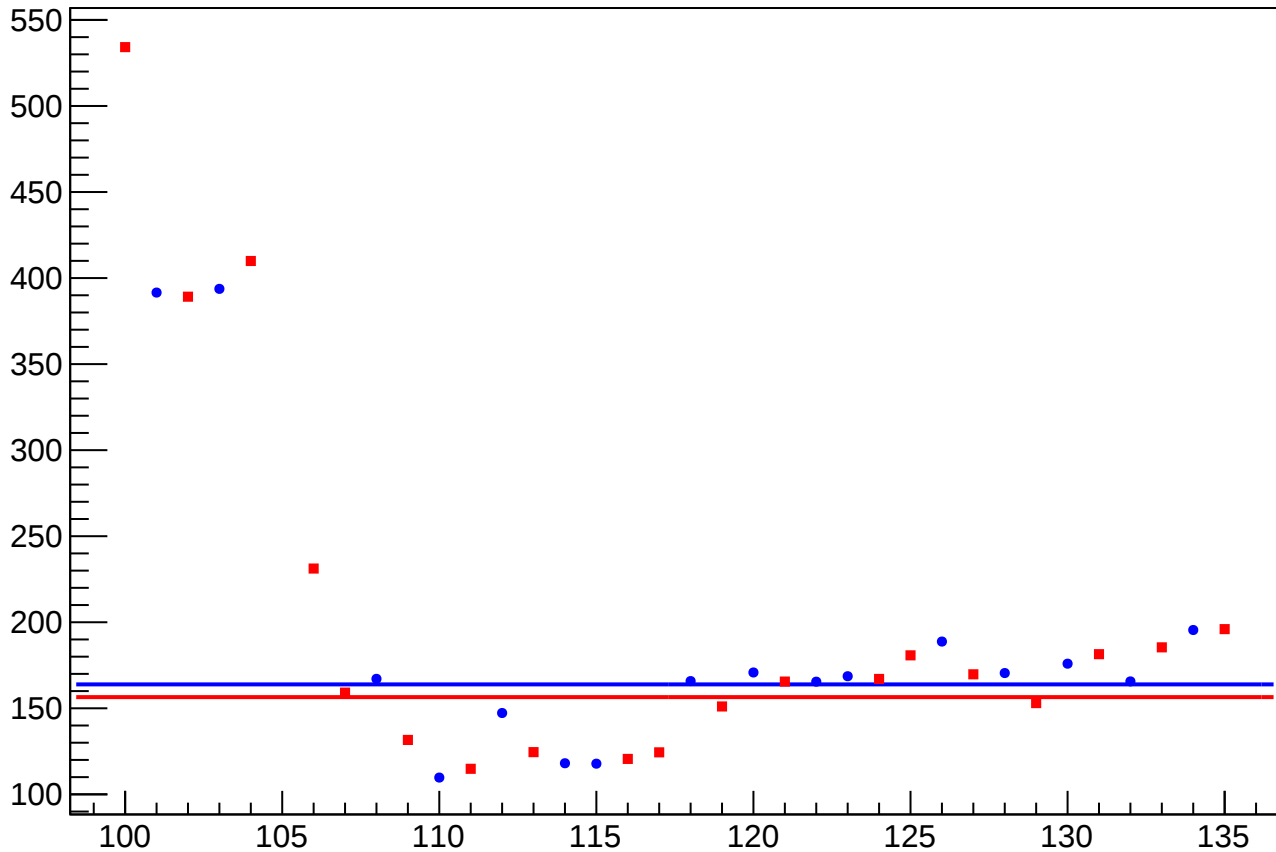
140250.790 $\pm$ 0.048 χ^2 /NDF: 61371785.9

Right Out: 140246.878 $\pm$ 0.063 χ^2 /NDF: 36111349.1/18

140246.878 $\pm$ 0.063 χ^2 /NDF: 36111349.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 163.891+/-0.051 χ^2/NDF : 1059238.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.493+/-0.045 χ^2/NDF : 1227214.8/18

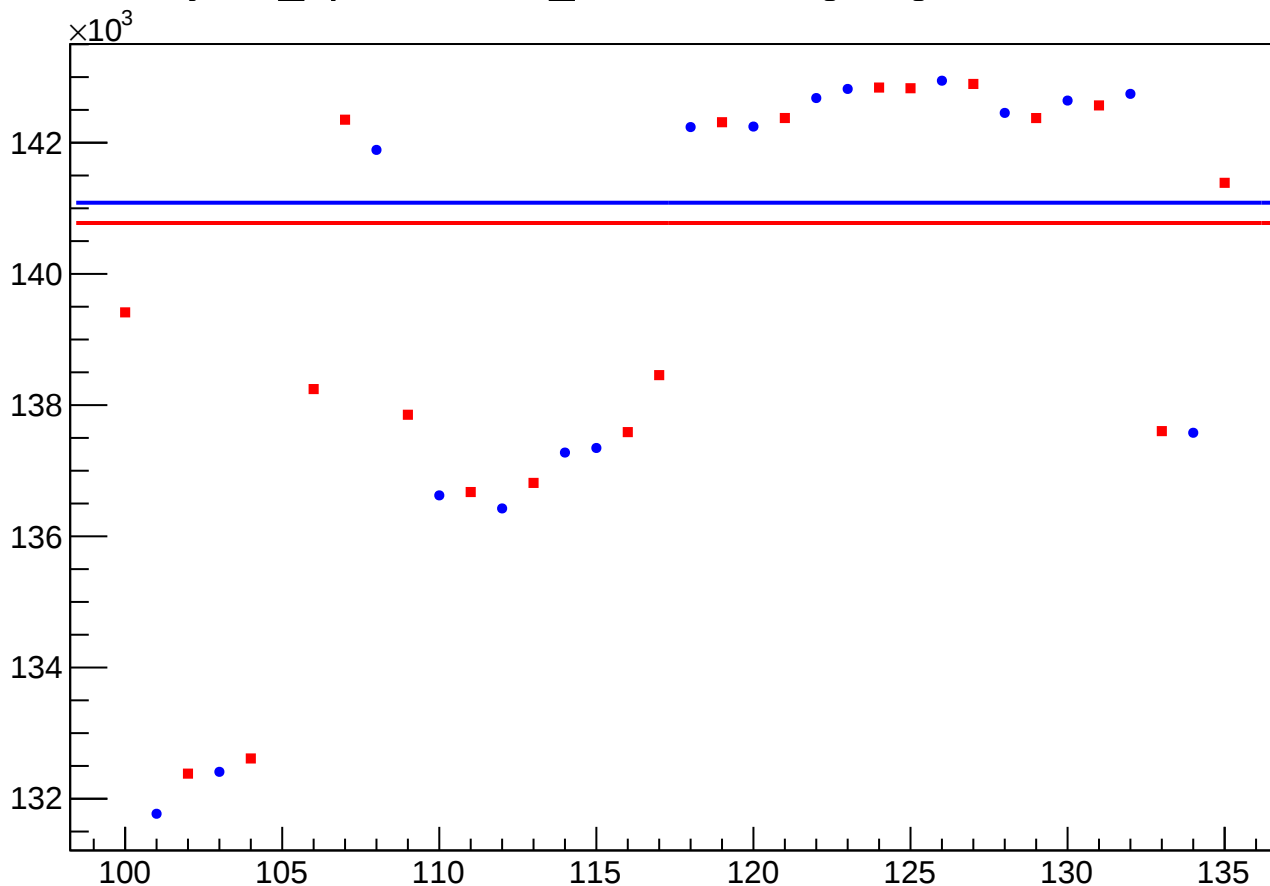
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.891+/-0.051 χ^2/NDF : 1059238.6/15

159.706+/-0.034 χ^2/NDF : 2298247.2/34

156.493+/-0.045 χ^2/NDF : 1227214.8/18

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140776.063 $\pm$ 0.100 χ^2 /NDF: 784296155.0/18

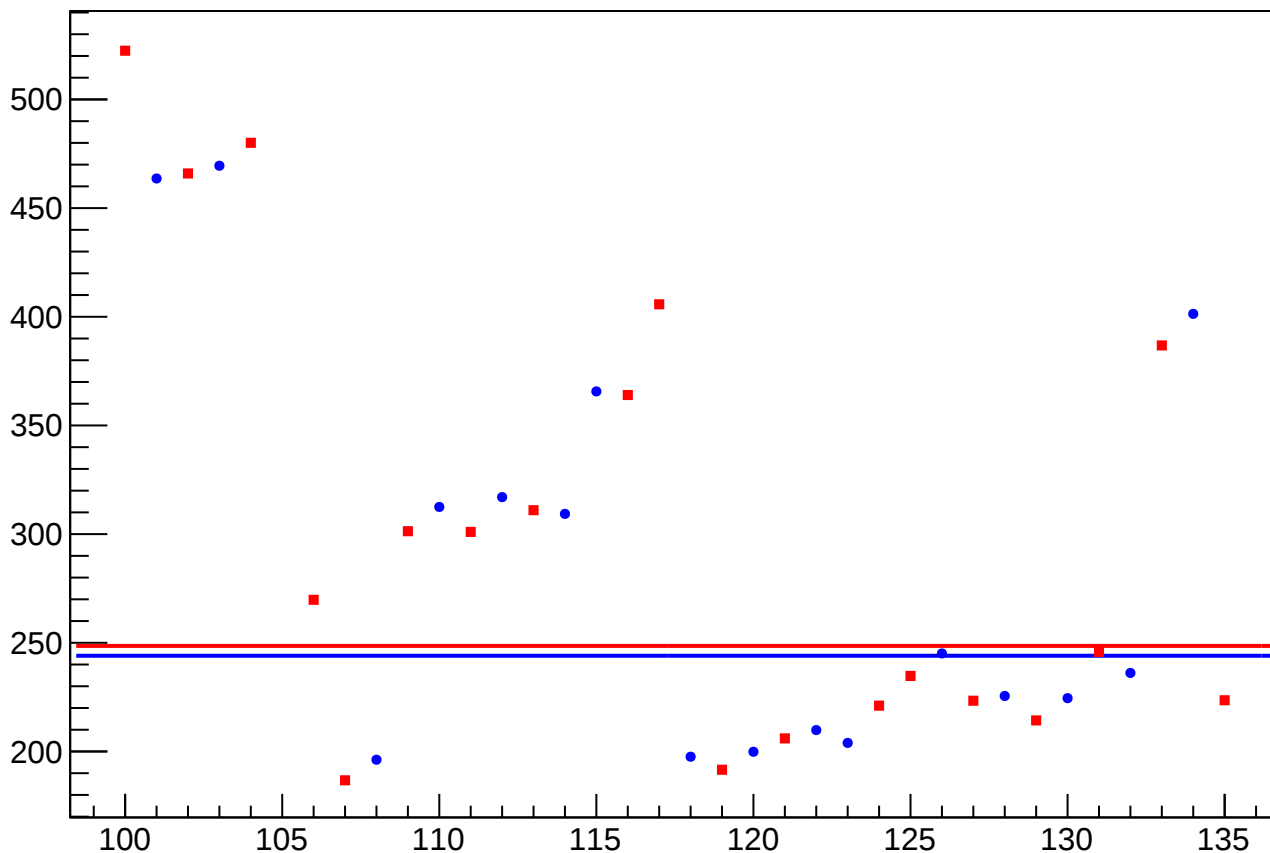
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141085.212 $\pm$ 0.107 χ^2 /NDF: 779853595.6/15

140920.267 $\pm$ 0.073 χ^2 /NDF: 156861645

140776.063 $\pm$ 0.100 χ^2 /NDF: 784296155.0/18

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 244.037+/-0.076 χ^2/NDF : 867710.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.570+/-0.071 χ^2/NDF : 1006122.8/18

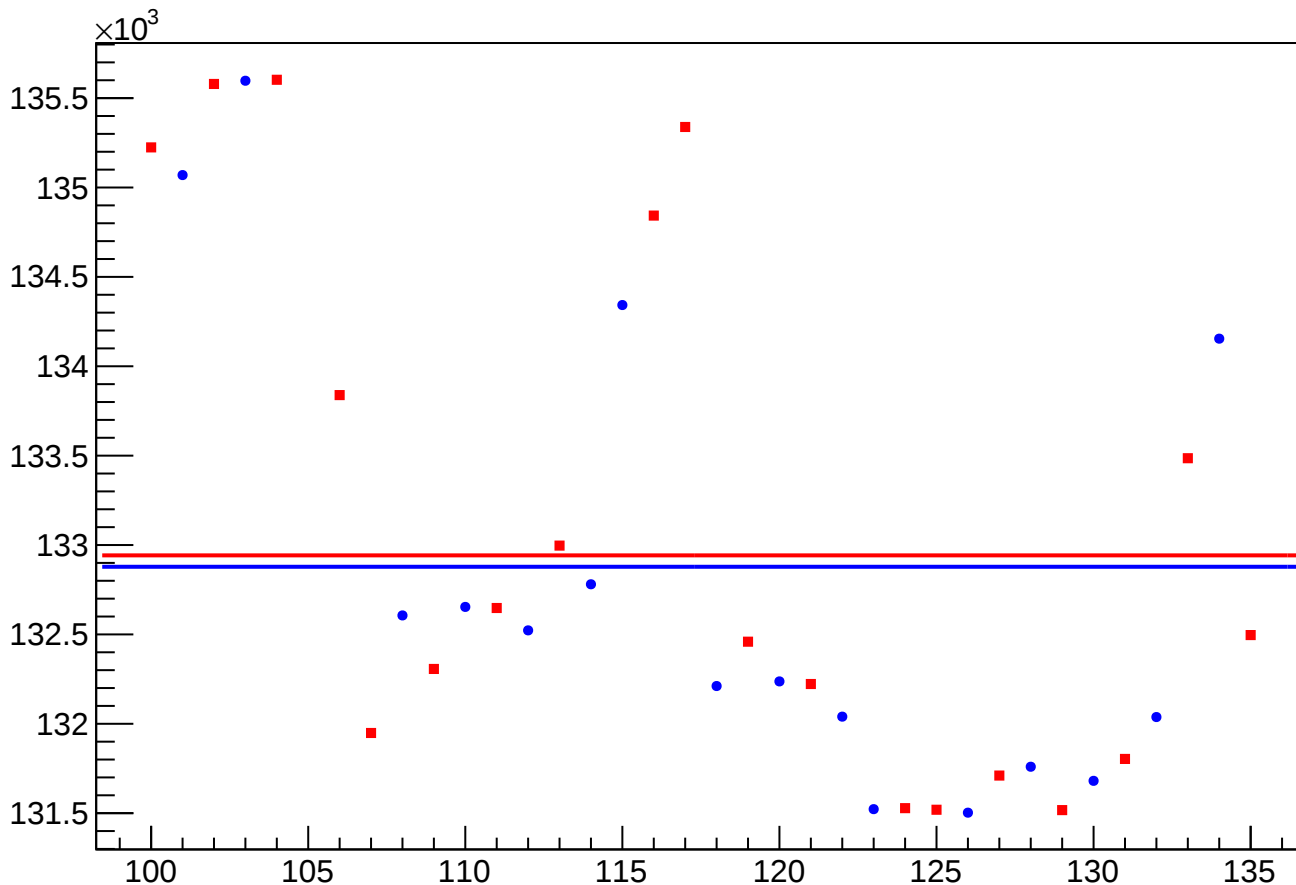
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

244.037+/-0.076 χ^2/NDF : 867710.2/15

246.455+/-0.052 χ^2/NDF : 1875753.7/34

248.570+/-0.071 χ^2/NDF : 1006122.8/18

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132878.390 $\pm$ 0.125 χ^2 /NDF: 81722350.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

132878.390 $\pm$ 0.125 χ^2 /NDF: 81722350.8/15

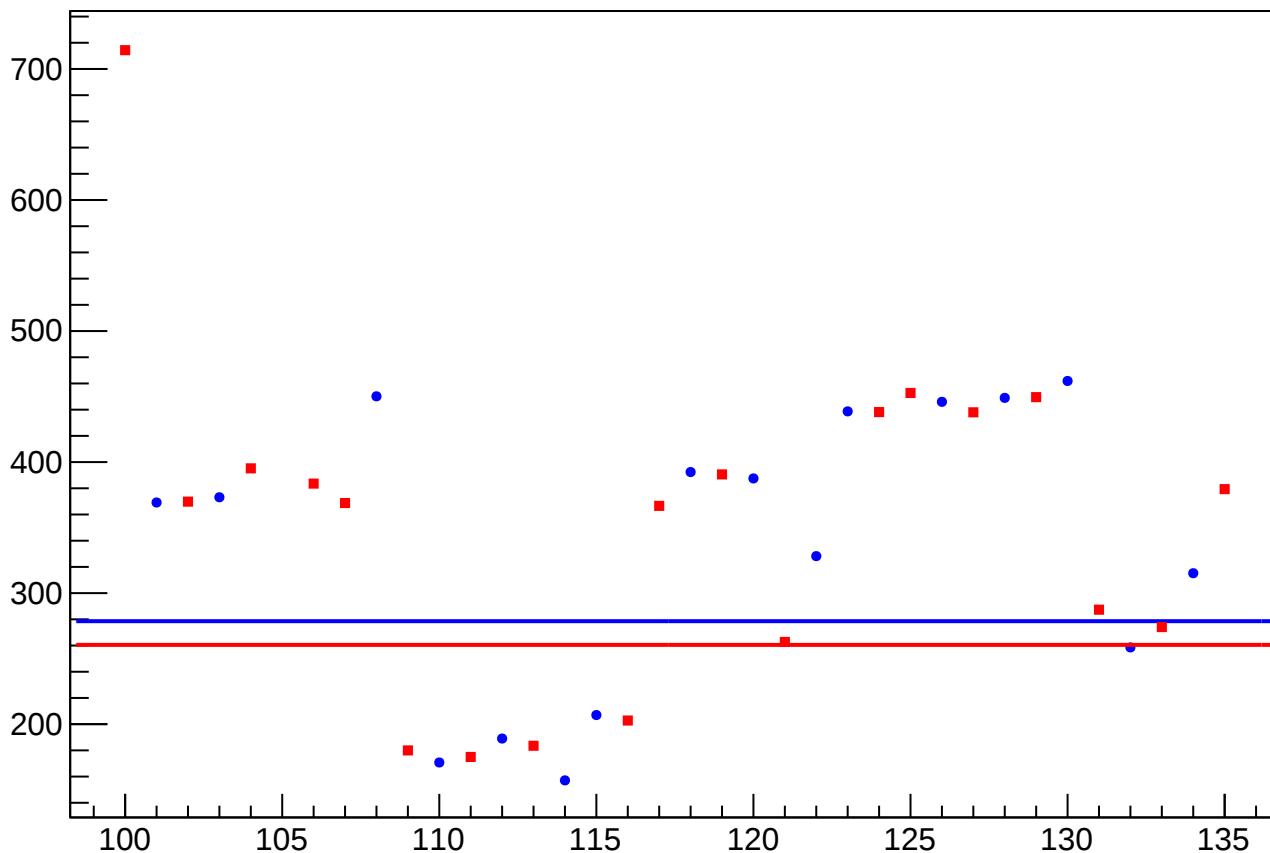
Right Out: 132942.162 $\pm$ 0.108 χ^2 /NDF: 107603134.1/18

132914.940 $\pm$ 0.082 χ^2 /NDF: 189474735

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

132942.162 $\pm$ 0.108 χ^2 /NDF: 107603134.1/18

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 278.589+/-0.088 χ^2/NDF : 1442275.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.500+/-0.076 χ^2/NDF : 1605959.3/18

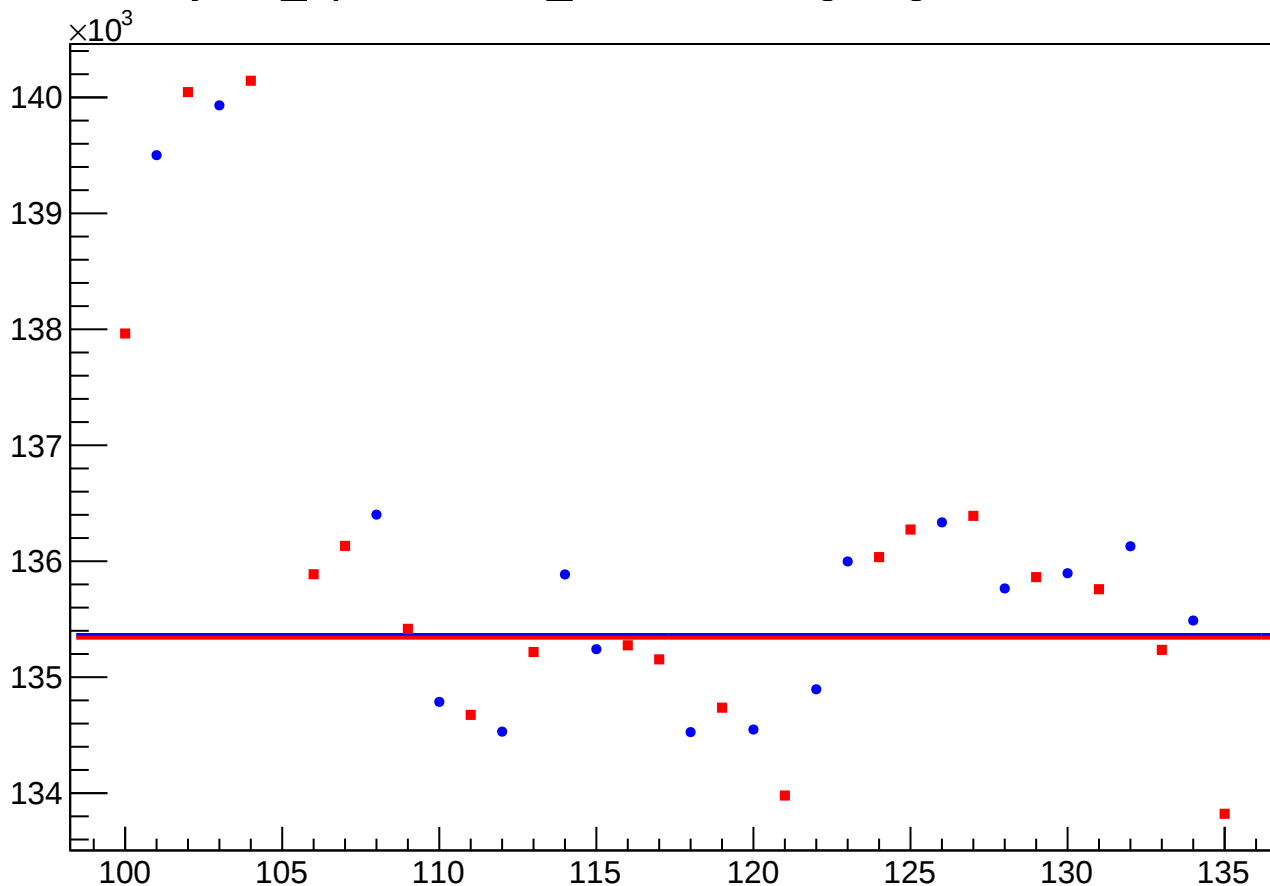
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

278.589+/-0.088 χ^2/NDF : 1442275.9/15

268.222+/-0.058 χ^2/NDF : 3072250.8/34

260.500+/-0.076 χ^2/NDF : 1605959.3/18

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135363.633 $\pm$ 0.057 χ^2 /NDF: 307719904.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135340.791 $\pm$ 0.051 χ^2 /NDF: 330894922.2/18

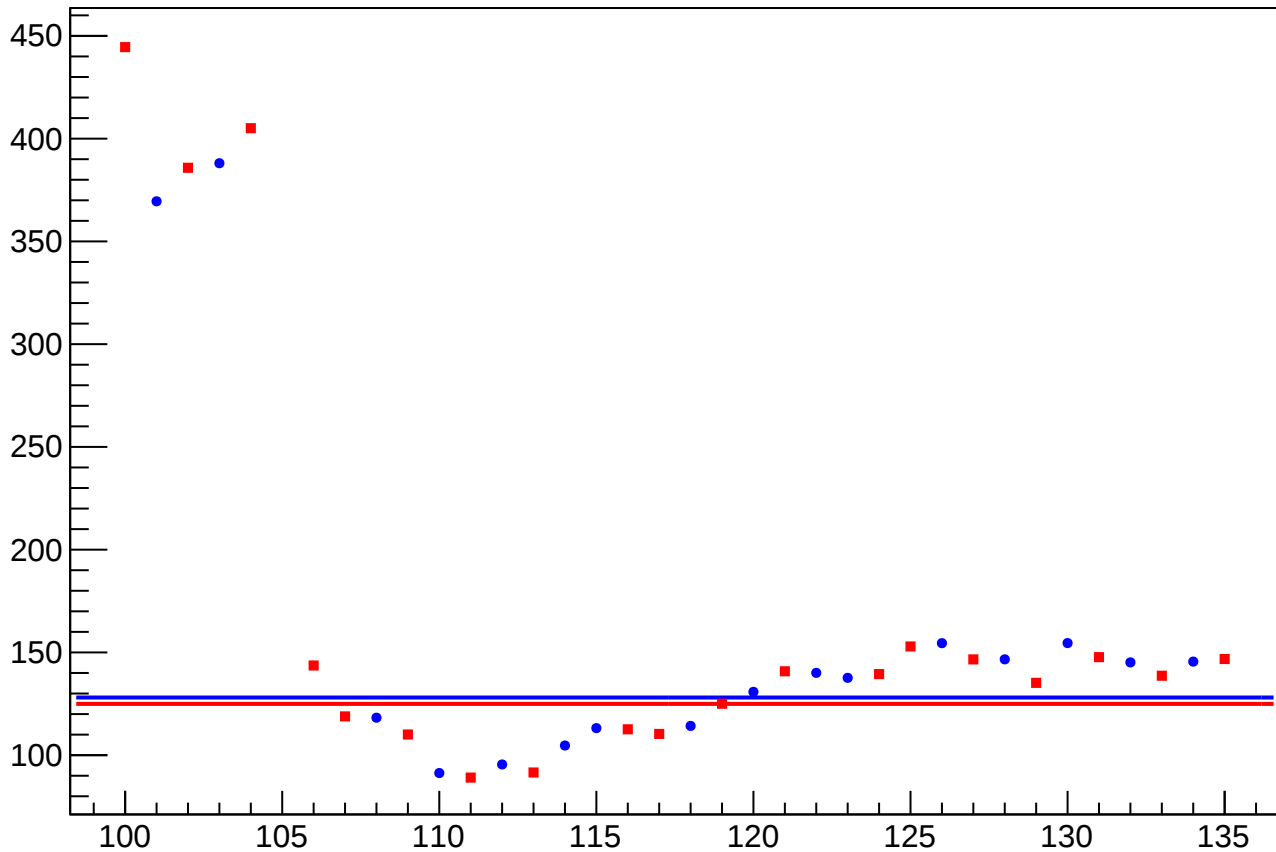
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

135363.633 $\pm$ 0.057 χ^2 /NDF: 307719904.8/15

135350.958 $\pm$ 0.038 χ^2 /NDF: 638702713

135340.791 $\pm$ 0.051 χ^2 /NDF: 330894922.2/18

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 128.063+/-0.041 χ^2/NDF : 1336660.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.956+/-0.036 χ^2/NDF : 1425288.3/18

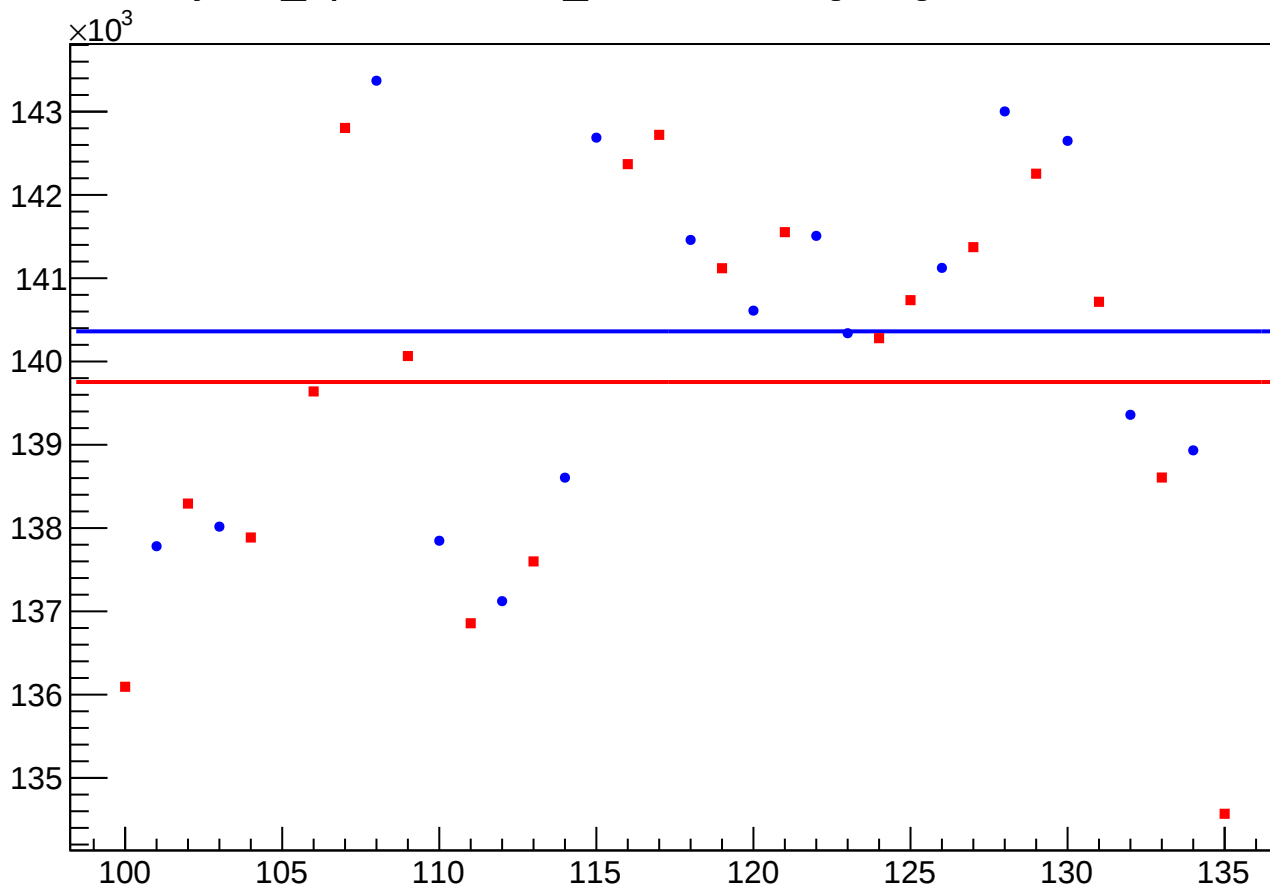
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.063+/-0.041 χ^2/NDF : 1336660.4/15

126.339+/-0.027 χ^2/NDF : 2765201.5/34

124.956+/-0.036 χ^2/NDF : 1425288.3/18

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140361.900 $\pm$ 0.066 χ^2 /NDF: 1036179647.4/15

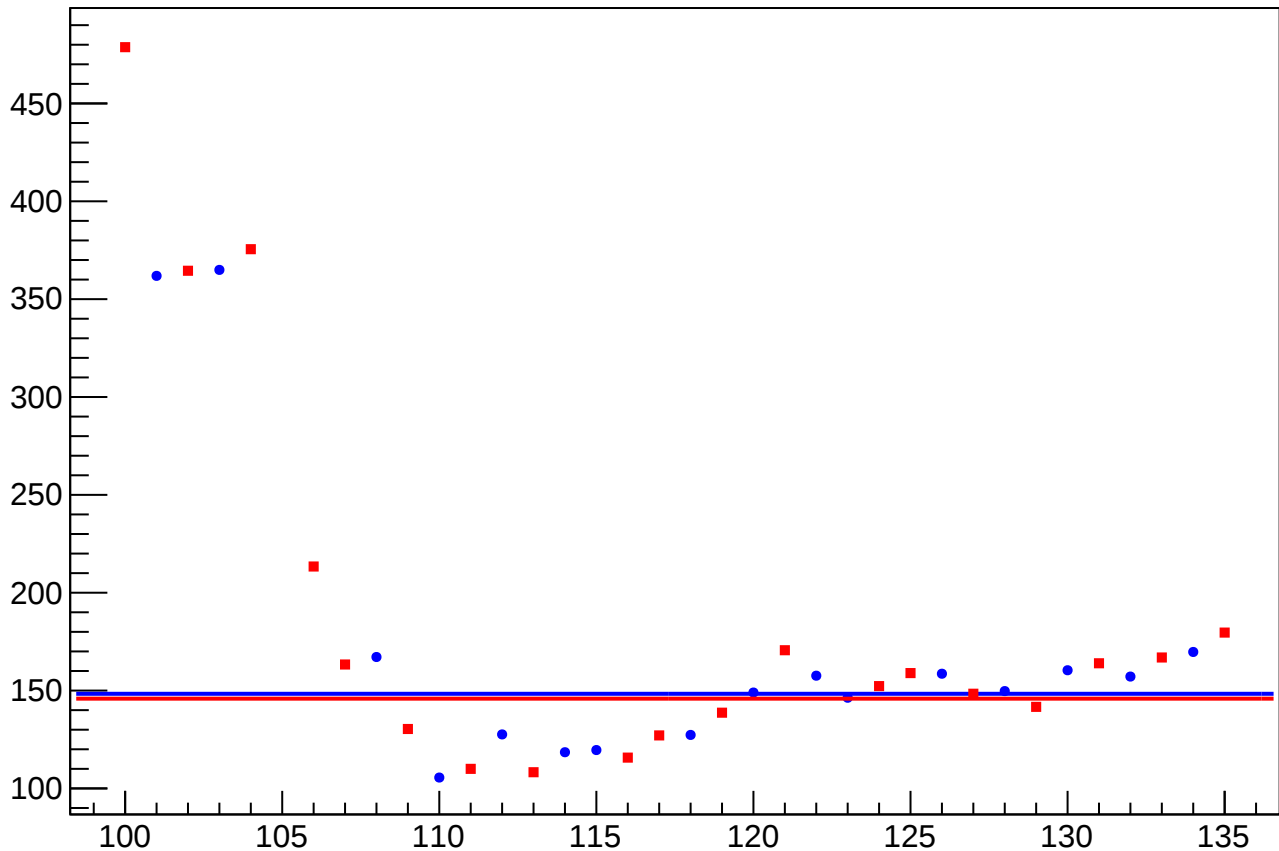
140027.803 $\pm$ 0.044 χ^2 /NDF: 247238038

Right Out: 139753.611 $\pm$ 0.059 χ^2 /NDF: 1388874459.7/18

139753.611 $\pm$ 0.059 χ^2 /NDF: 1388874459.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 148.355+/-0.046 χ^2/NDF : 1025464.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.872+/-0.042 χ^2/NDF : 1194098.5/18

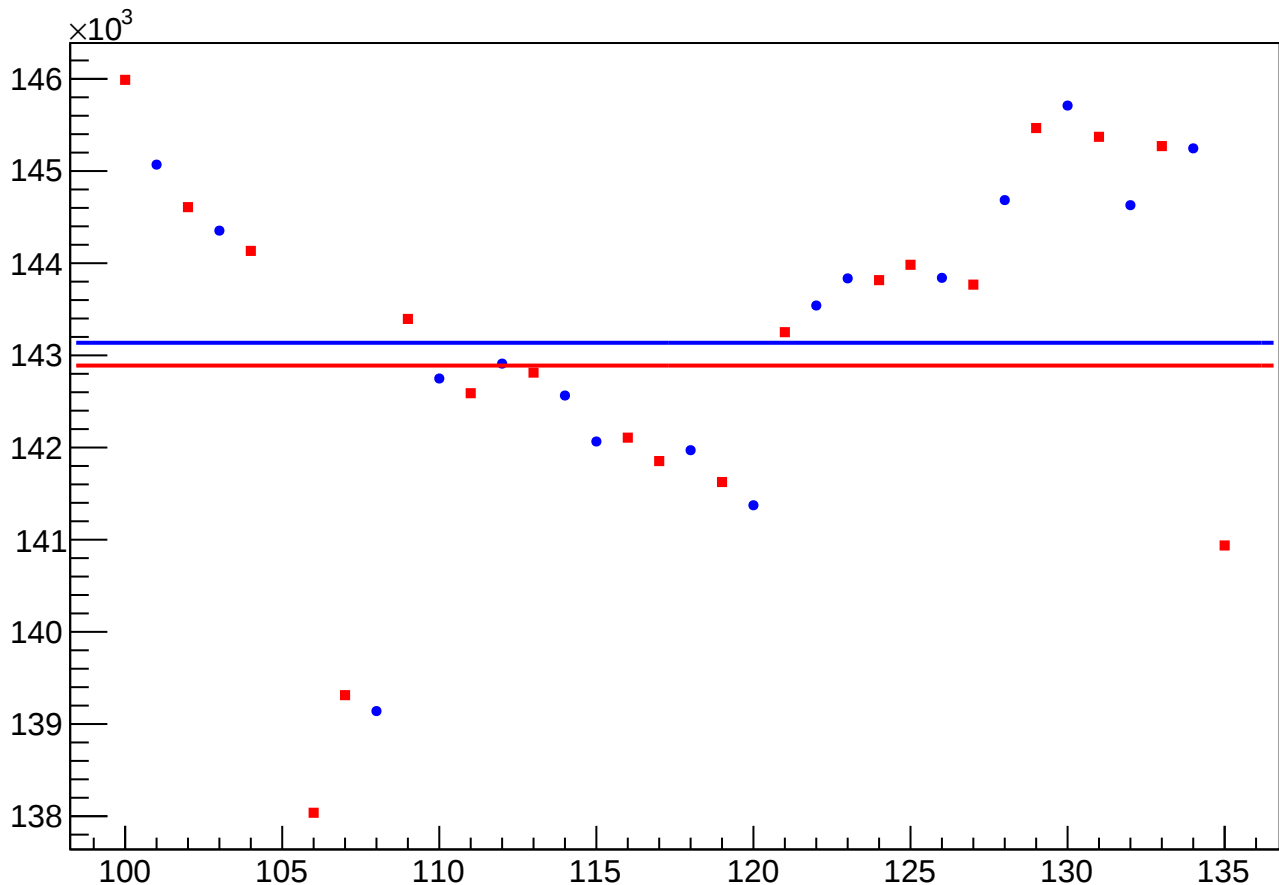
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.355+/-0.046 χ^2/NDF : 1025464.5/15

146.991+/-0.031 χ^2/NDF : 2221139.9/34

145.872+/-0.042 χ^2/NDF : 1194098.5/18

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 143136.681 $\pm$ 0.069 χ^2 /NDF: 616418025.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142889.359 $\pm$ 0.061 χ^2 /NDF: 828259046.8/18

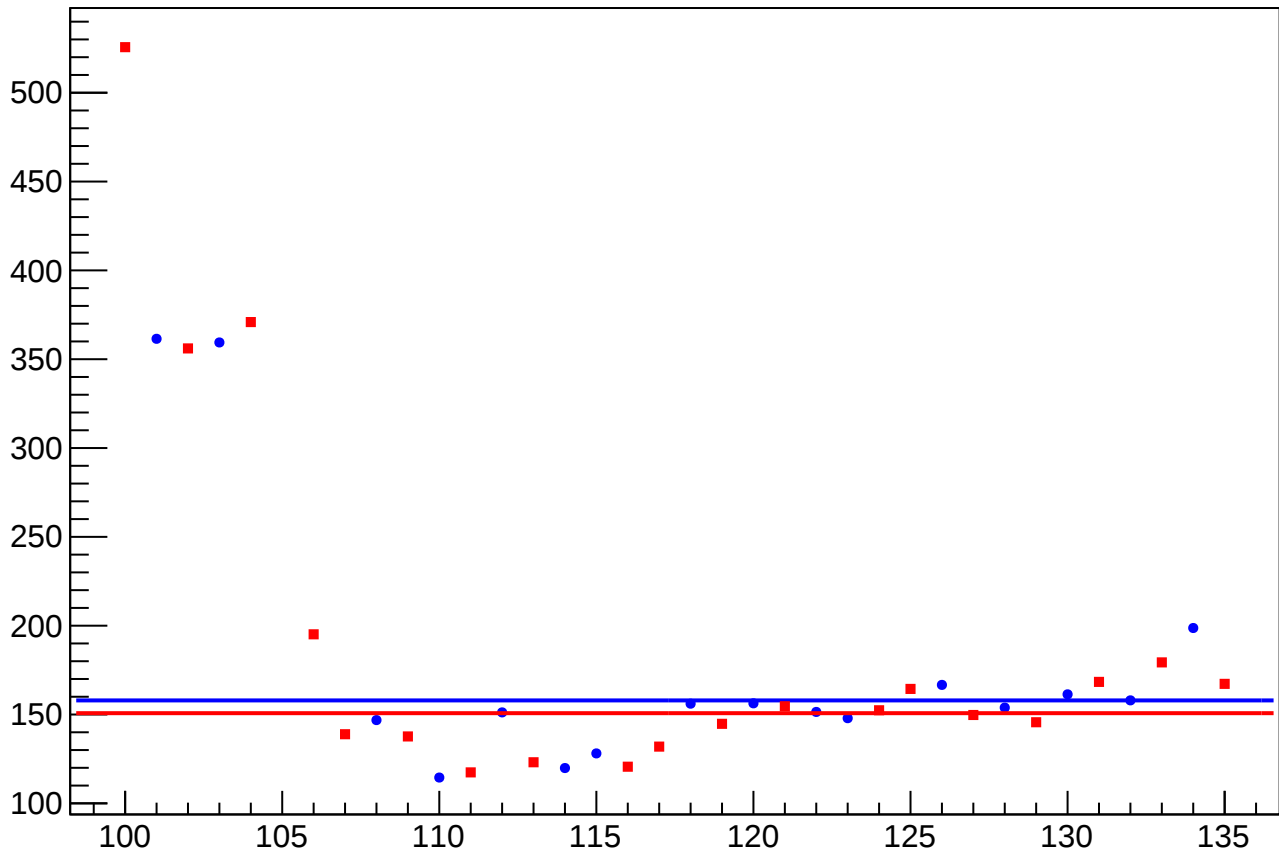
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143136.681 $\pm$ 0.069 χ^2 /NDF: 616418025.8/15

142996.931 $\pm$ 0.046 χ^2 /NDF: 145184088

142889.359 $\pm$ 0.061 χ^2 /NDF: 828259046.8/18

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 157.939+/-0.049 χ^2/NDF : 883245.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.755+/-0.043 χ^2/NDF : 1003850.7/18

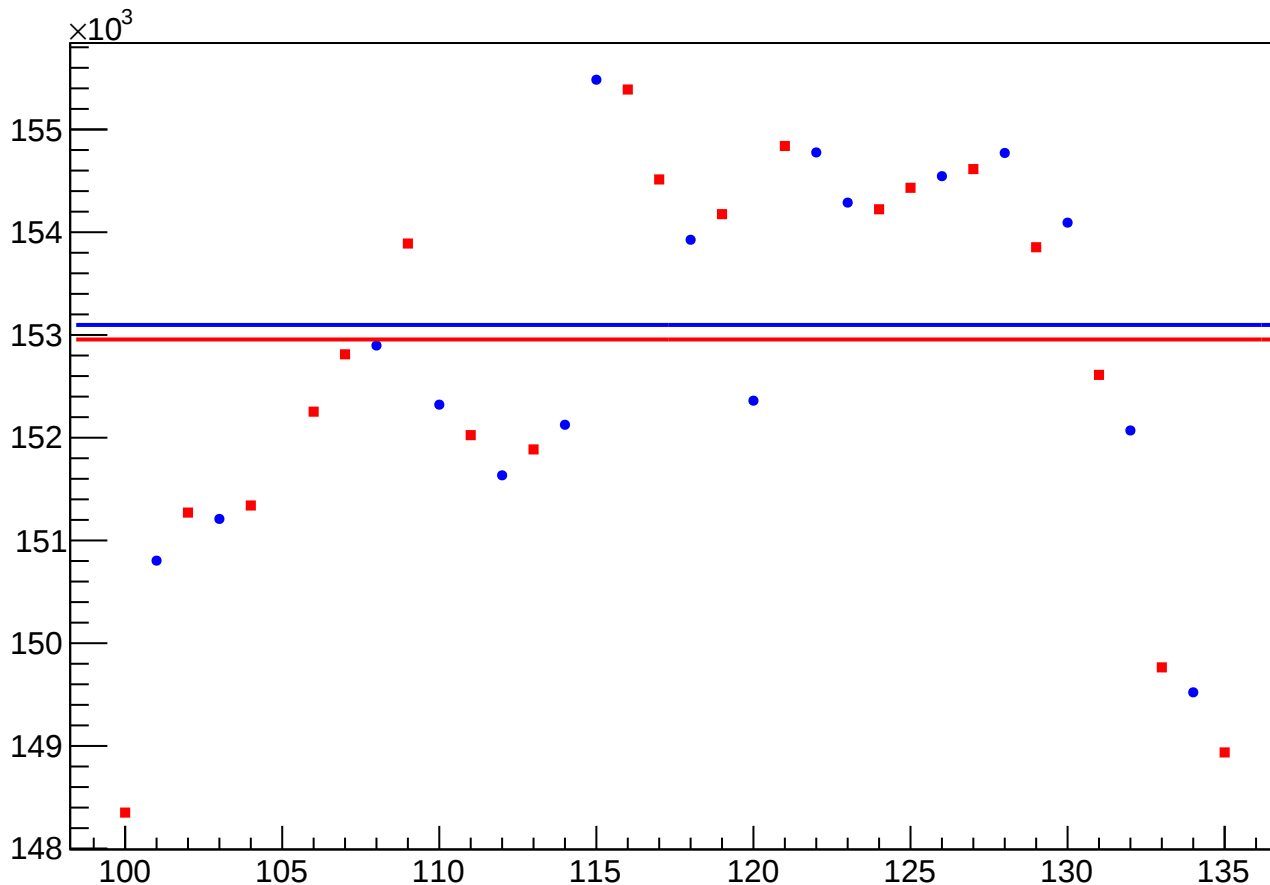
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

157.939+/-0.049 χ^2/NDF : 883245.2/15

153.879+/-0.032 χ^2/NDF : 1899185.6/34

150.755+/-0.043 χ^2/NDF : 1003850.7/18

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153097.500 $\pm$ 0.078 χ^2 /NDF: 340515335.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152956.097 $\pm$ 0.067 χ^2 /NDF: 659601542.6/18

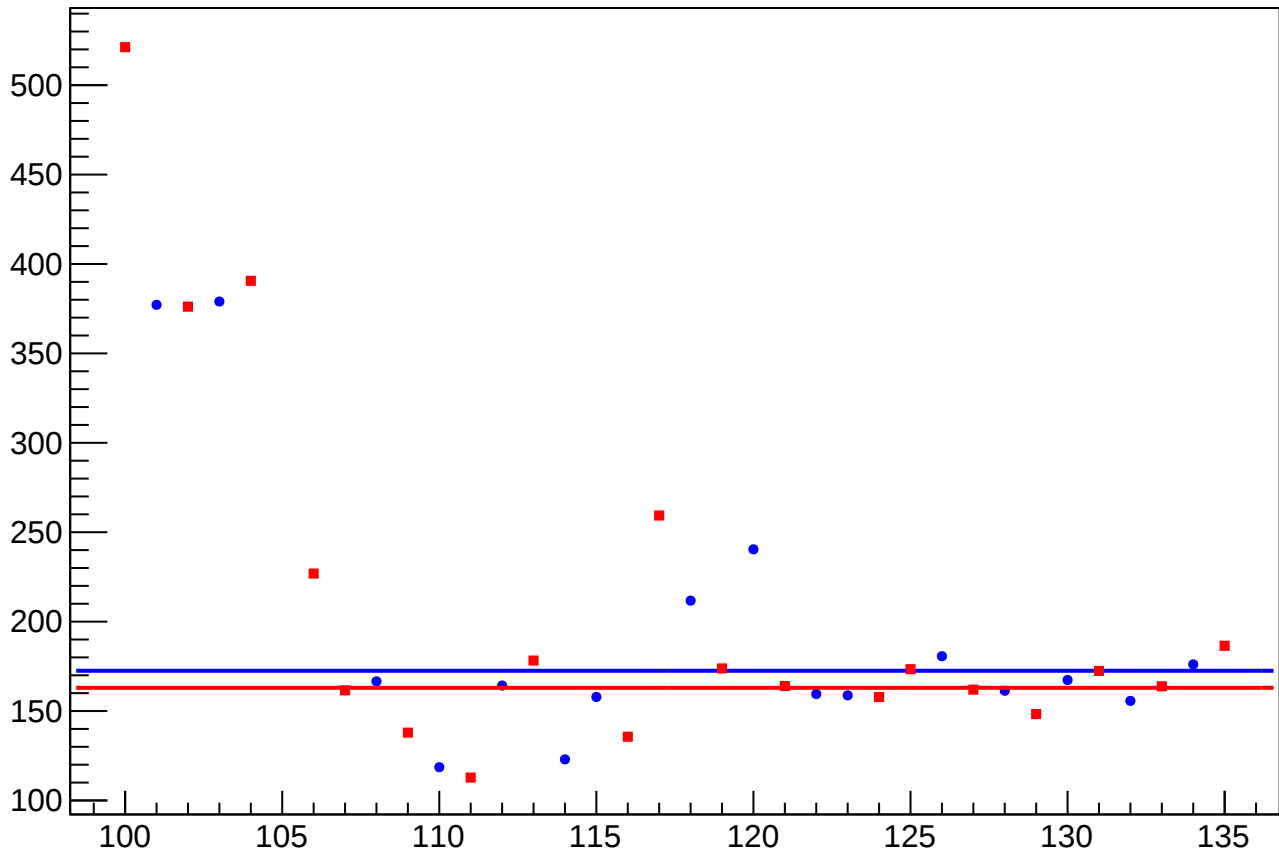
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153097.500 $\pm$ 0.078 χ^2 /NDF: 340515335.1/15

153016.366 $\pm$ 0.051 χ^2 /NDF: 100201473

152956.097 $\pm$ 0.067 χ^2 /NDF: 659601542.6/18

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.525+/-0.055 χ^2/NDF : 941580.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.009+/-0.047 χ^2/NDF : 1042054.6/18

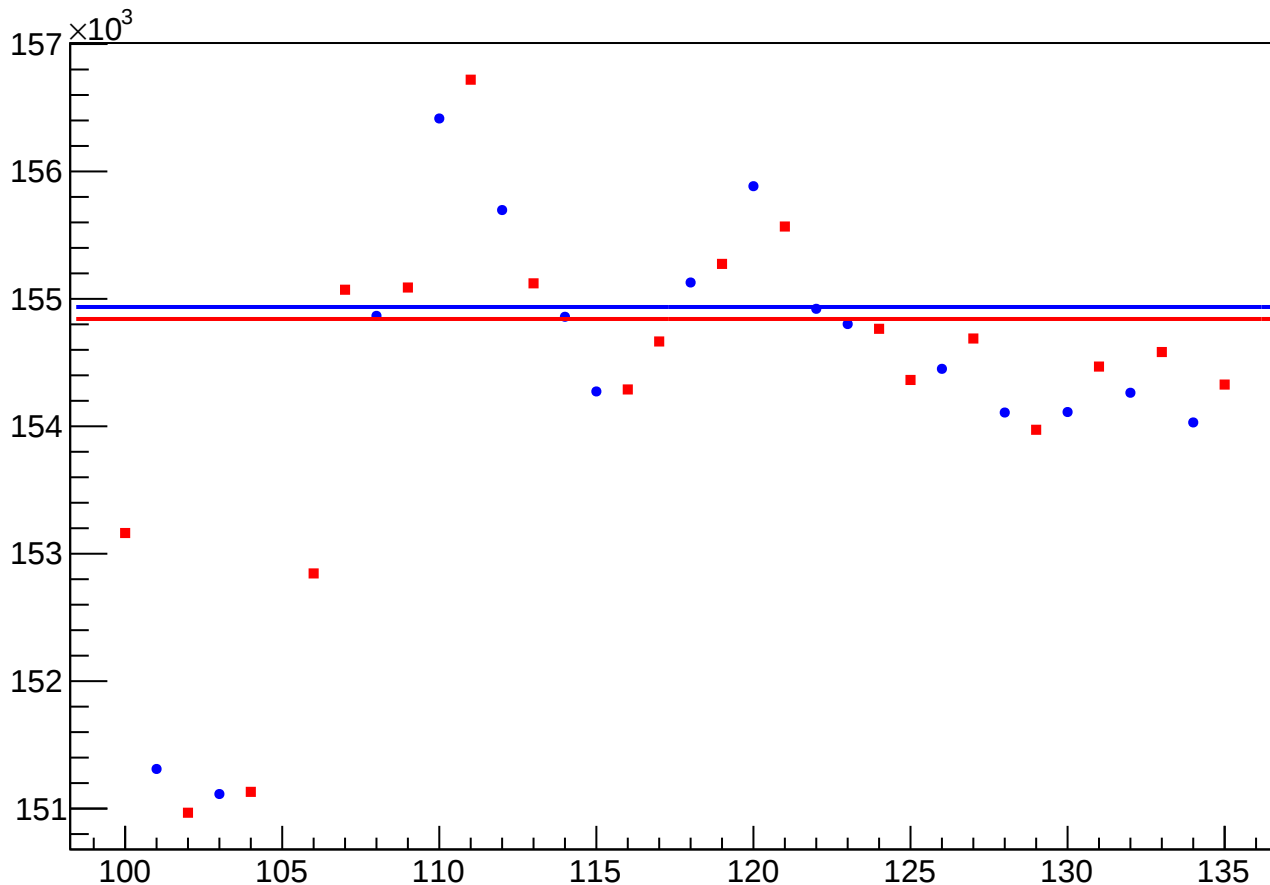
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.525+/-0.055 χ^2/NDF : 941580.3/15

167.065+/-0.036 χ^2/NDF : 2000827.5/34

163.009+/-0.047 χ^2/NDF : 1042054.6/18

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154842.185 $\pm$ 0.061 χ^2 /NDF: 287647721.3/18

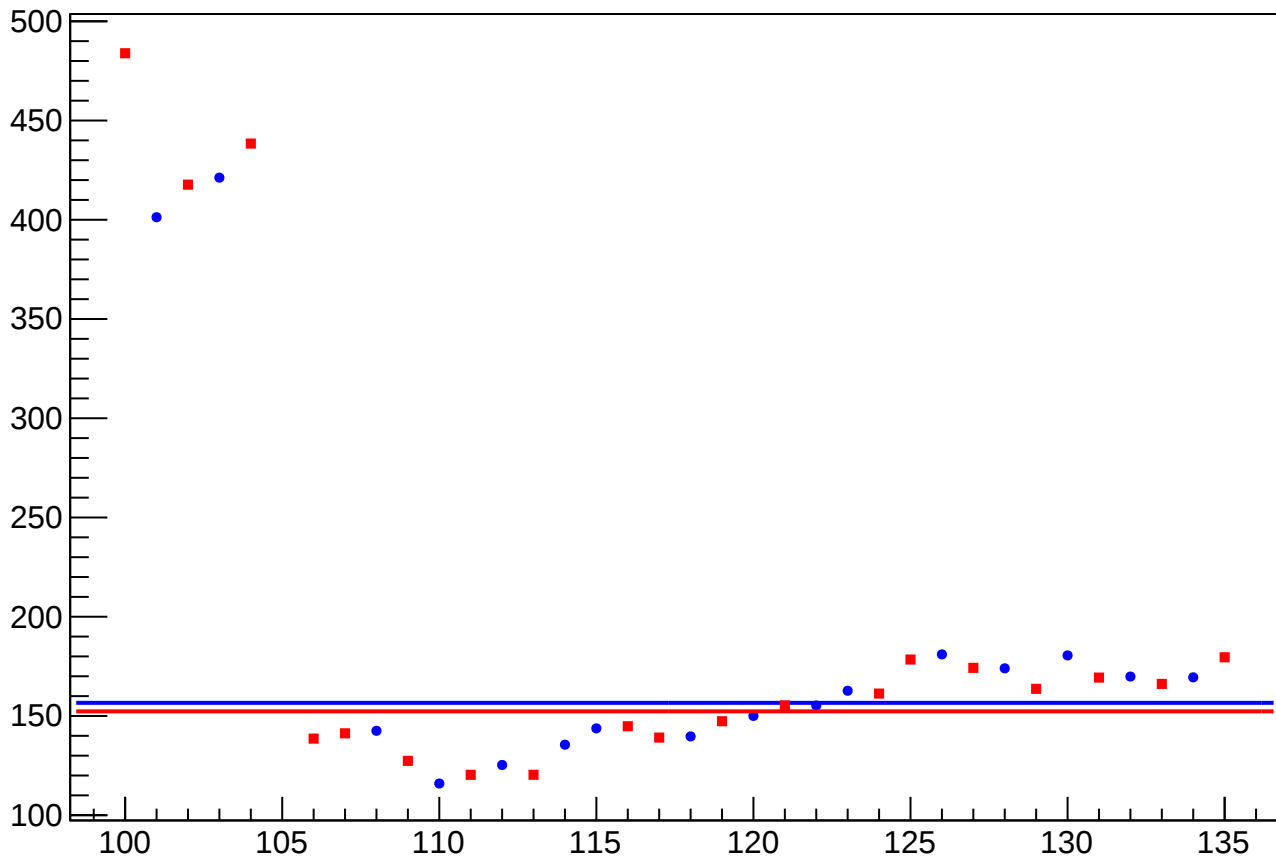
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154936.281 $\pm$ 0.069 χ^2 /NDF: 218103091.8/15

154883.639 $\pm$ 0.046 χ^2 /NDF: 506791069

154842.185 $\pm$ 0.061 χ^2 /NDF: 287647721.3/18

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 156.618+/-0.049 χ^2/NDF : 1097778.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.329+/-0.043 χ^2/NDF : 1160844.1/18

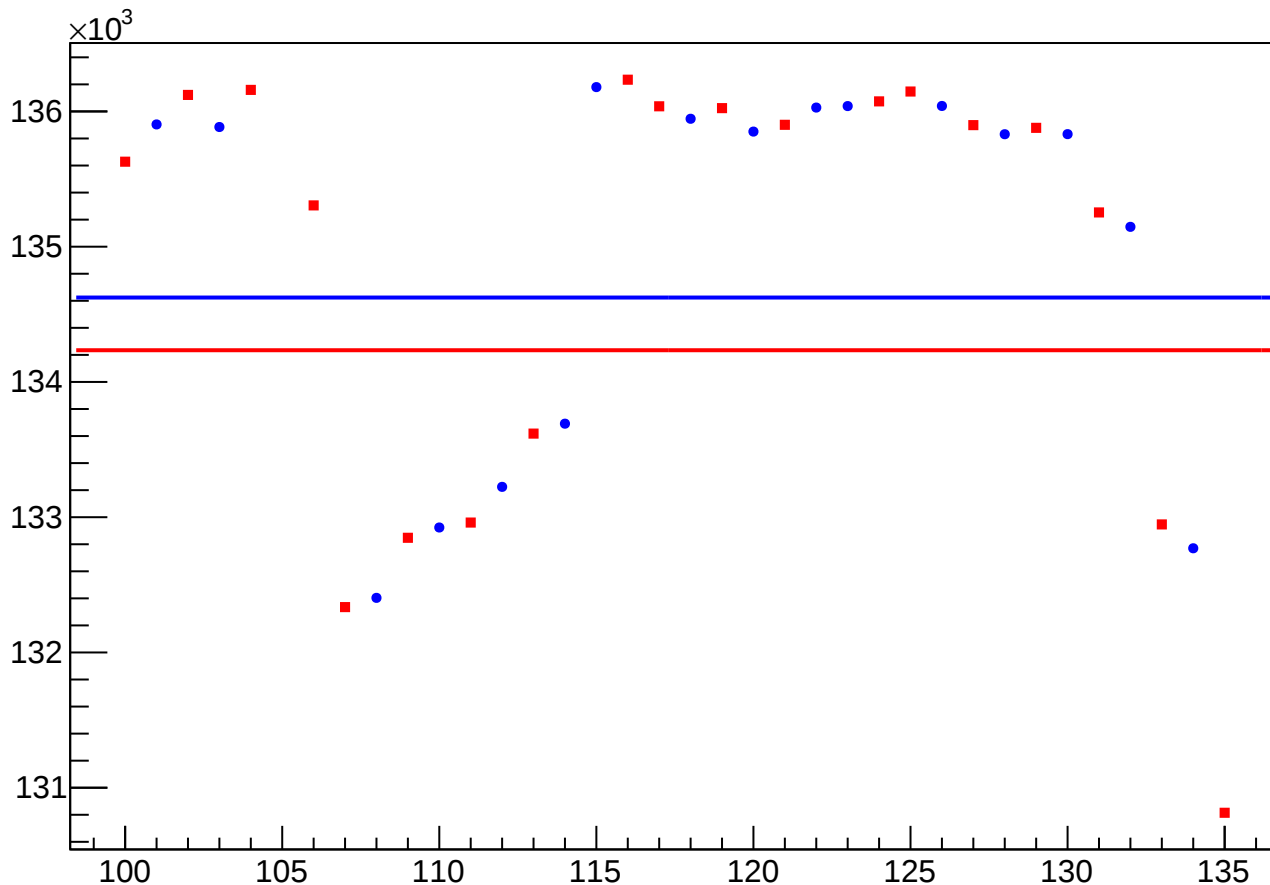
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.618+/-0.049 χ^2/NDF : 1097778.3/15

154.219+/-0.032 χ^2/NDF : 2262945.4/34

152.329+/-0.043 χ^2/NDF : 1160844.1/18

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134234.484 $\pm$ 0.048 χ^2 /NDF: 1155920043.6/18

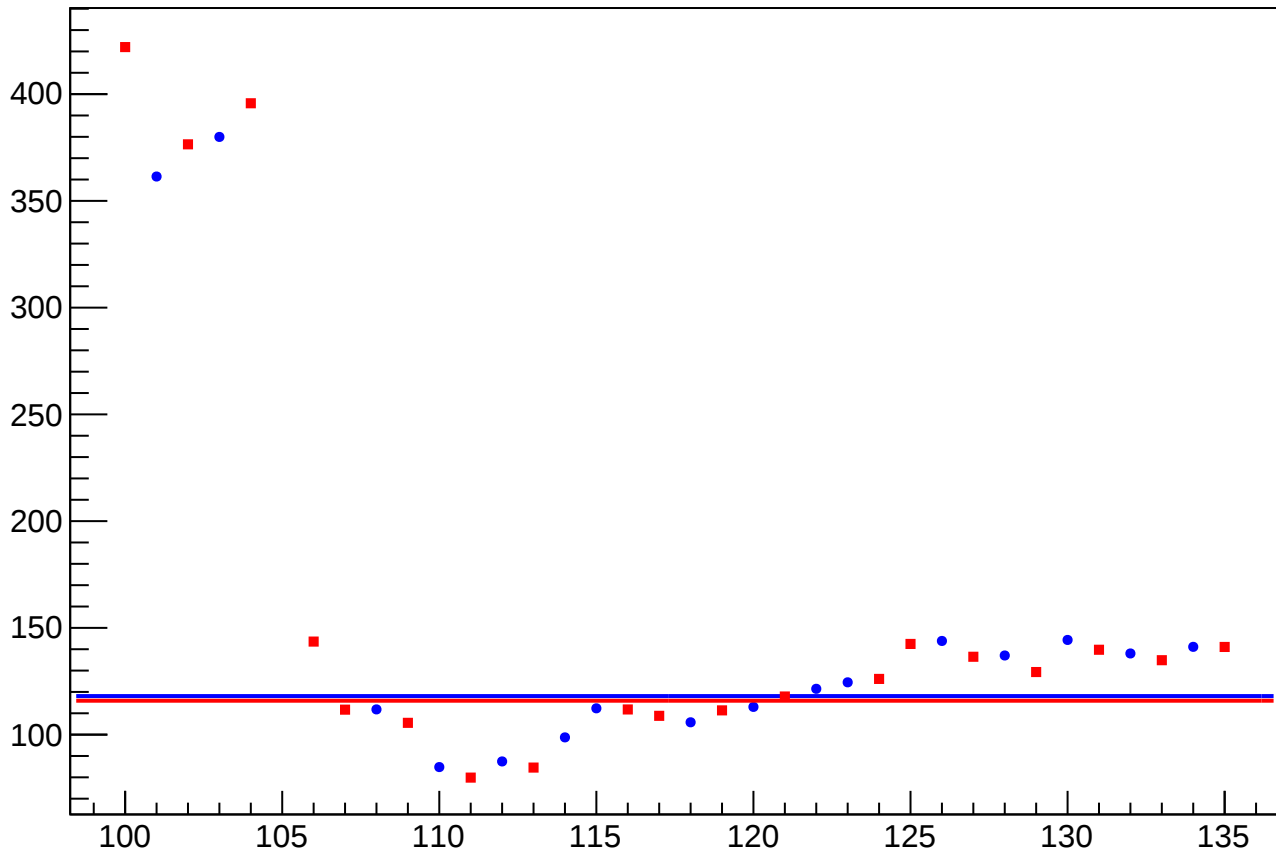
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134624.077 $\pm$ 0.053 χ^2 /NDF: 756297686.0/15

134408.865 $\pm$ 0.035 χ^2 /NDF: 194214803

134234.484 $\pm$ 0.048 χ^2 /NDF: 1155920043.6/18

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 118.057+/-0.037 χ^2/NDF : 1404374.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.889+/-0.034 χ^2/NDF : 1522177.5/18

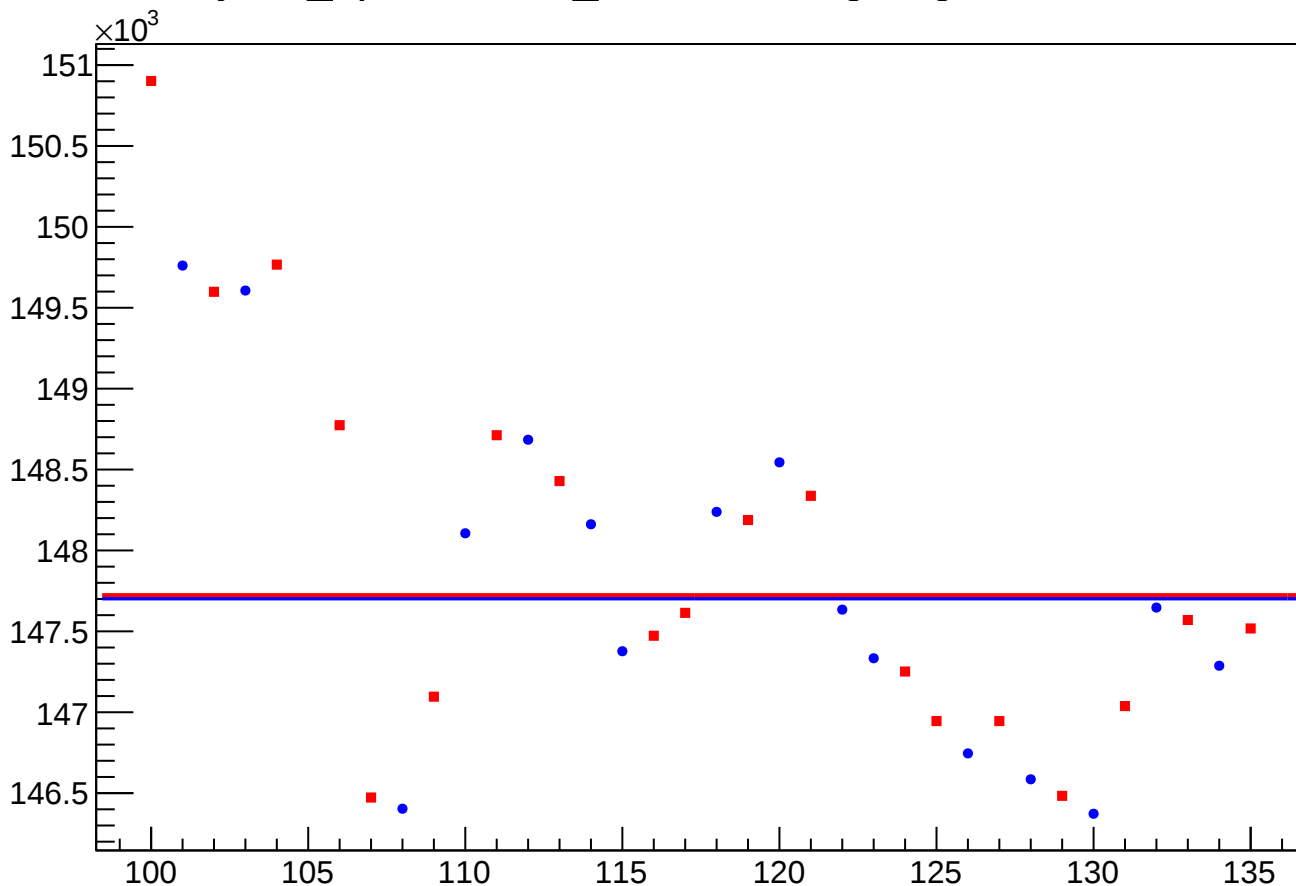
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.057+/-0.037 χ^2/NDF : 1404374.0/15

116.860+/-0.025 χ^2/NDF : 2928406.0/34

115.889+/-0.034 χ^2/NDF : 1522177.5/18

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147703.414 $\pm$ 0.066 χ^2 /NDF: 182356243.0/15

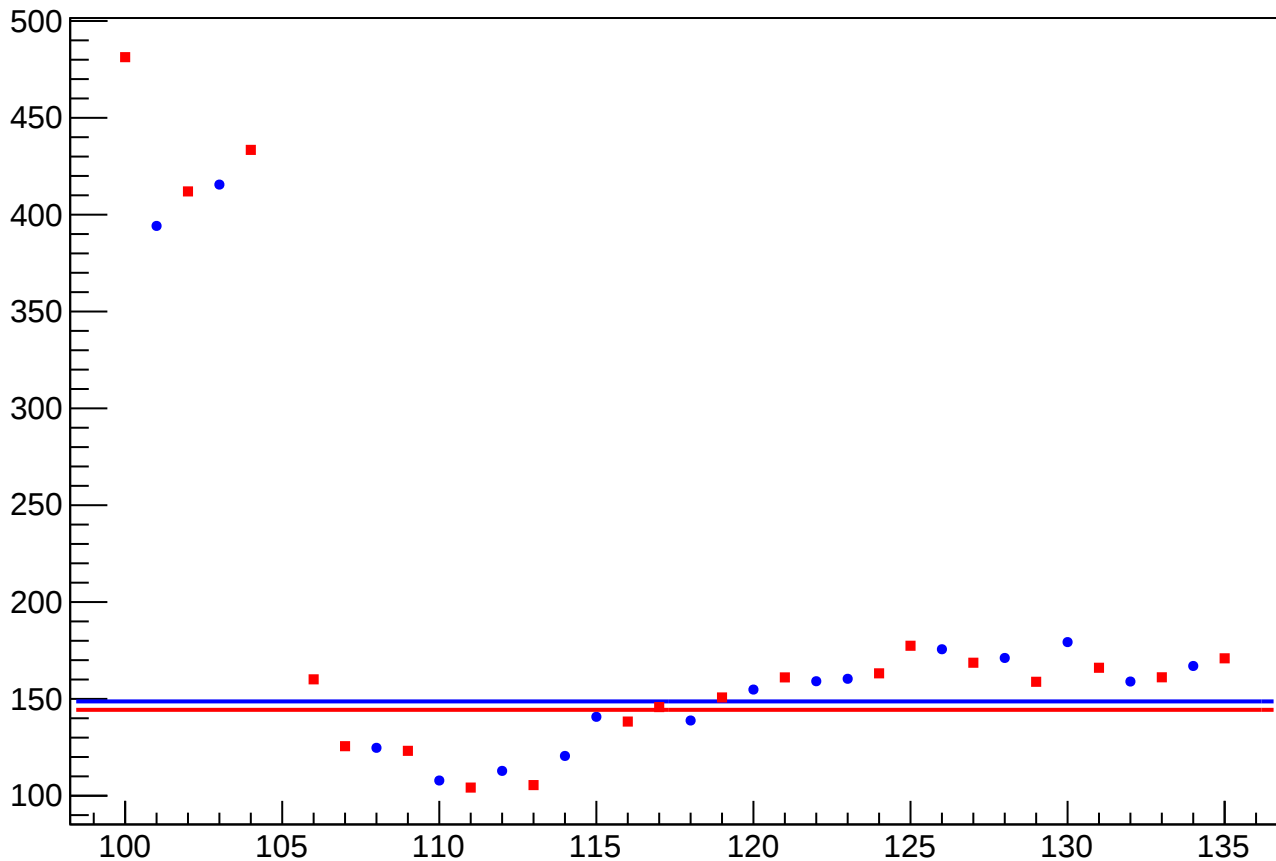
147714.821 $\pm$ 0.044 χ^2 /NDF: 383135366

Right Out: 147723.853 $\pm$ 0.059 χ^2 /NDF: 200725579.3/18

147723.853 $\pm$ 0.059 χ^2 /NDF: 200725579.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.352 $\pm$ 0.042 χ^2 /NDF: 1361892.1/18

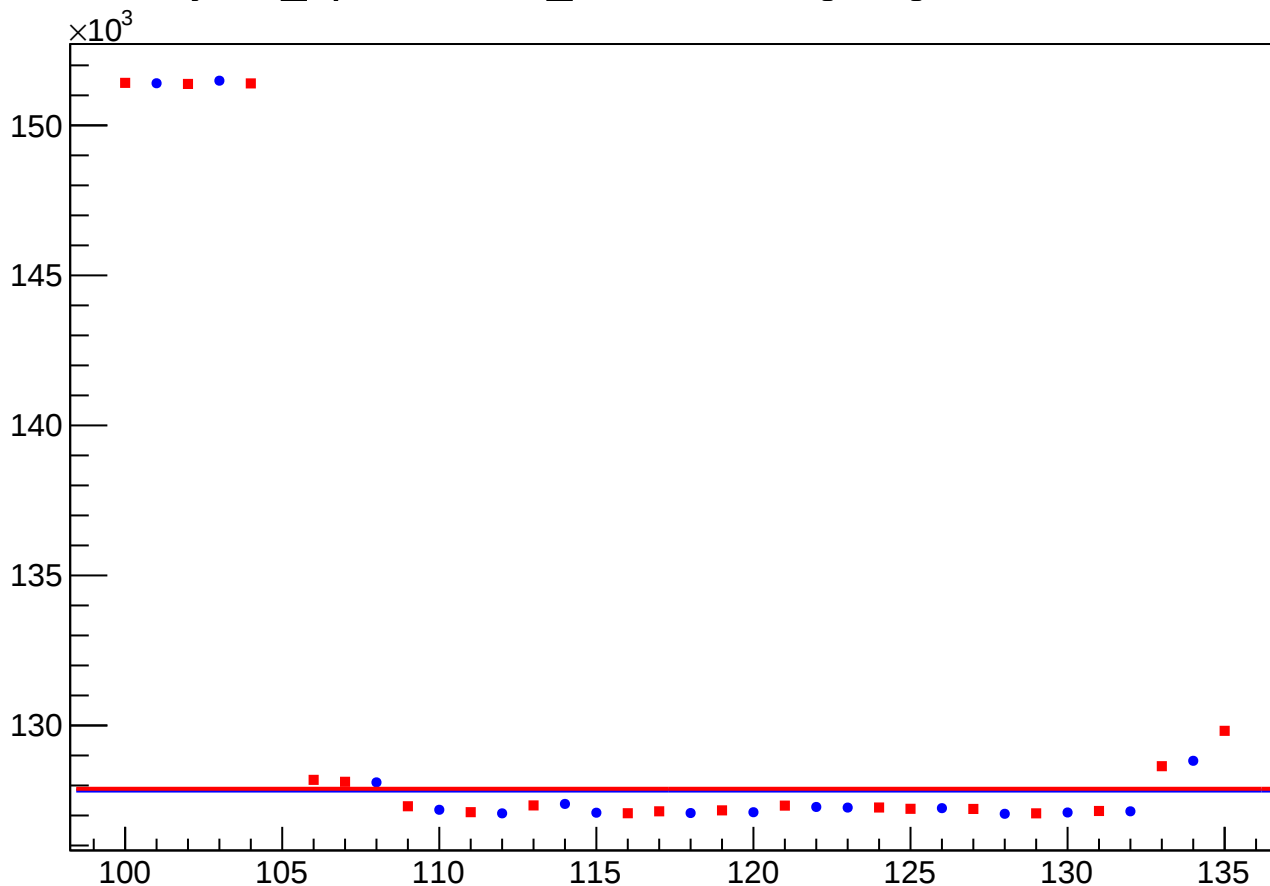
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.704 $\pm$ 0.047 χ^2 /NDF: 1224981.4/15

146.275 $\pm$ 0.031 χ^2 /NDF: 2591728.0/34

144.352 $\pm$ 0.042 χ^2 /NDF: 1361892.1/18

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127890.230 $\pm$ 0.051 χ^2 /NDF: 3743967629.7/18

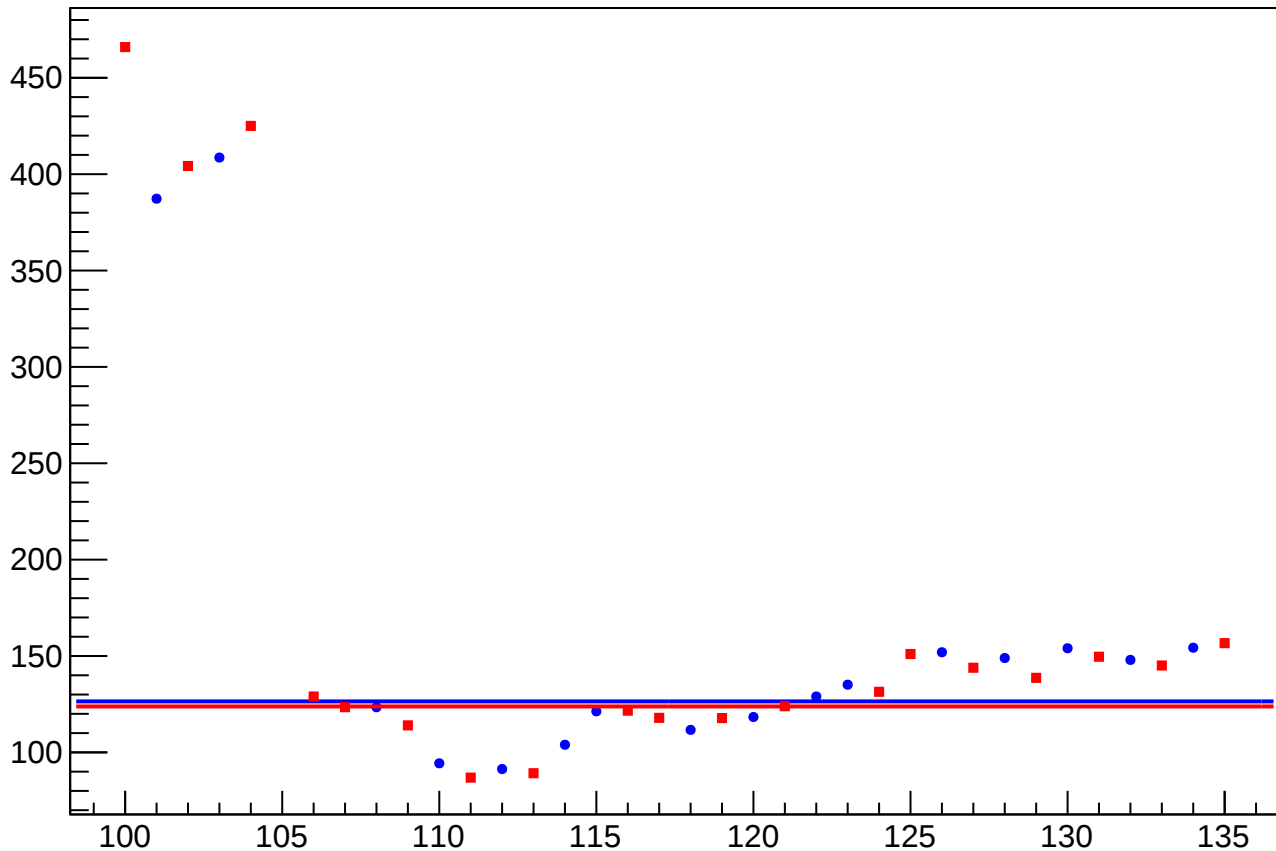
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127830.590 $\pm$ 0.057 χ^2 /NDF: 4210921949.6/15

127863.788 $\pm$ 0.038 χ^2 /NDF: 795550515

127890.230 $\pm$ 0.051 χ^2 /NDF: 3743967629.7/18

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.835 $\pm$ 0.036 χ^2 /NDF: 1507105.6/18

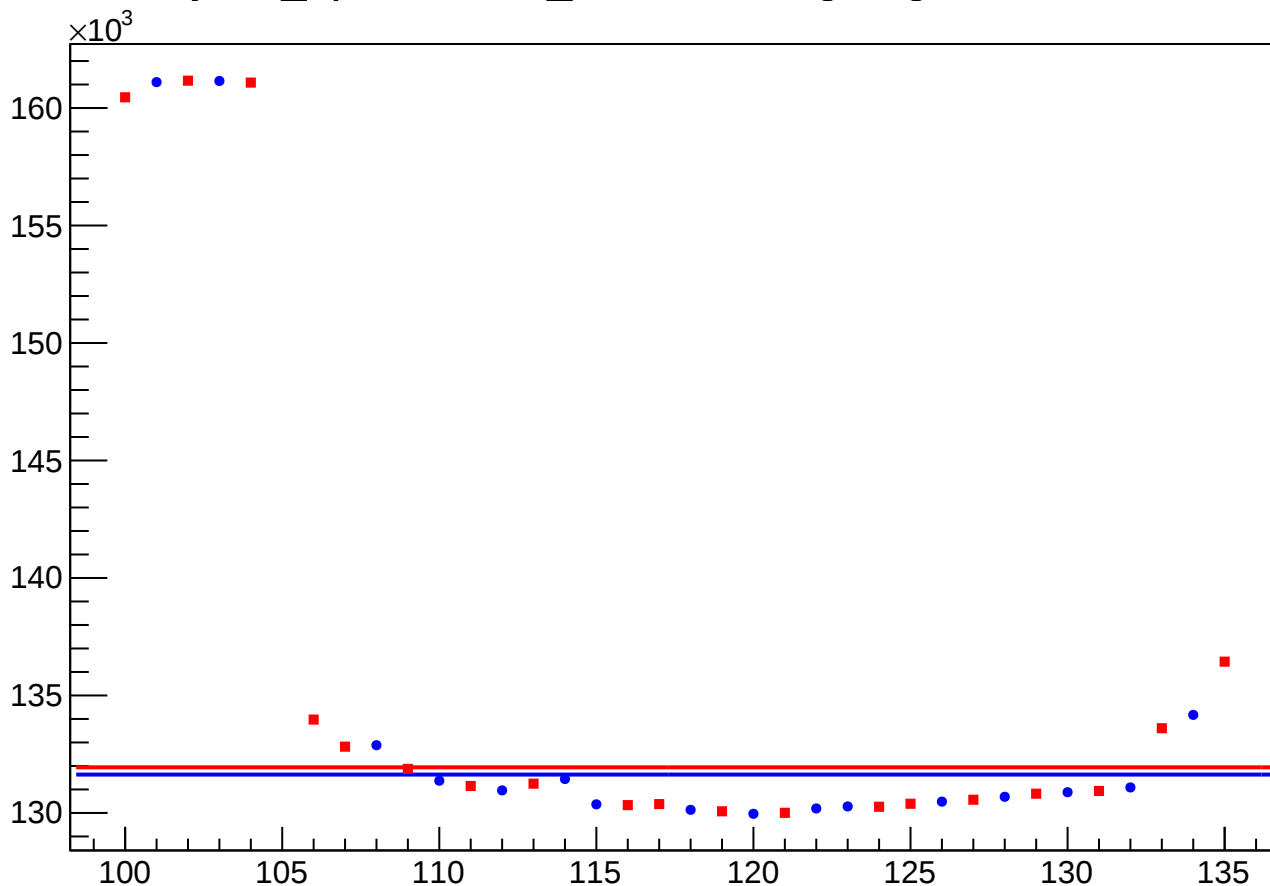
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

126.442 $\pm$ 0.040 χ^2 /NDF: 1406932.1/15

124.991 $\pm$ 0.027 χ^2 /NDF: 2916391.1/34

123.835 $\pm$ 0.036 χ^2 /NDF: 1507105.6/18

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131942.544 $\pm$ 0.053 χ^2 /NDF: 5750769810.7/18

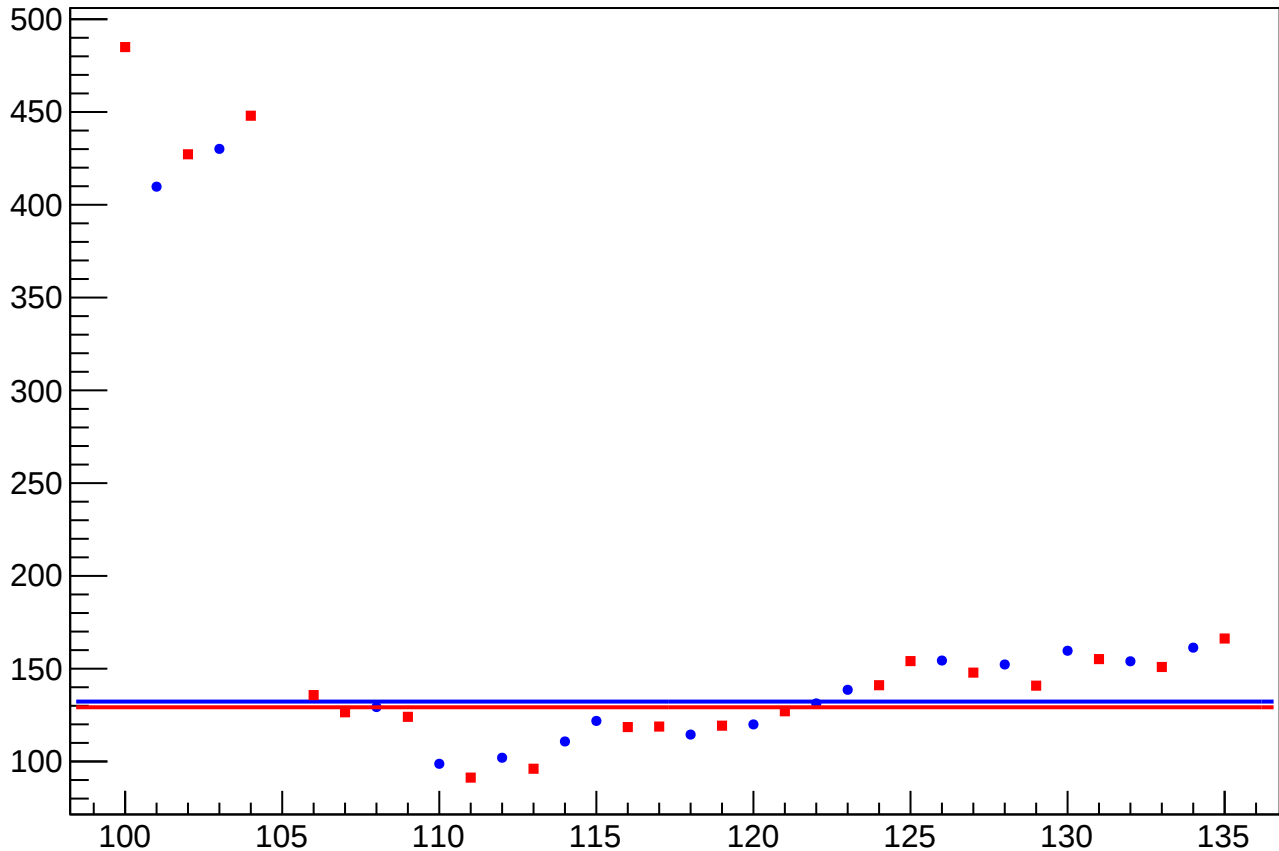
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131633.572 $\pm$ 0.059 χ^2 /NDF: 6069877247.2/15

131805.785 $\pm$ 0.039 χ^2 /NDF: 118358290

131942.544 $\pm$ 0.053 χ^2 /NDF: 5750769810.7/18

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 132.276 $\pm$ 0.042 χ^2 /NDF: 1361857.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.206 $\pm$ 0.037 χ^2 /NDF: 1479619.7/18

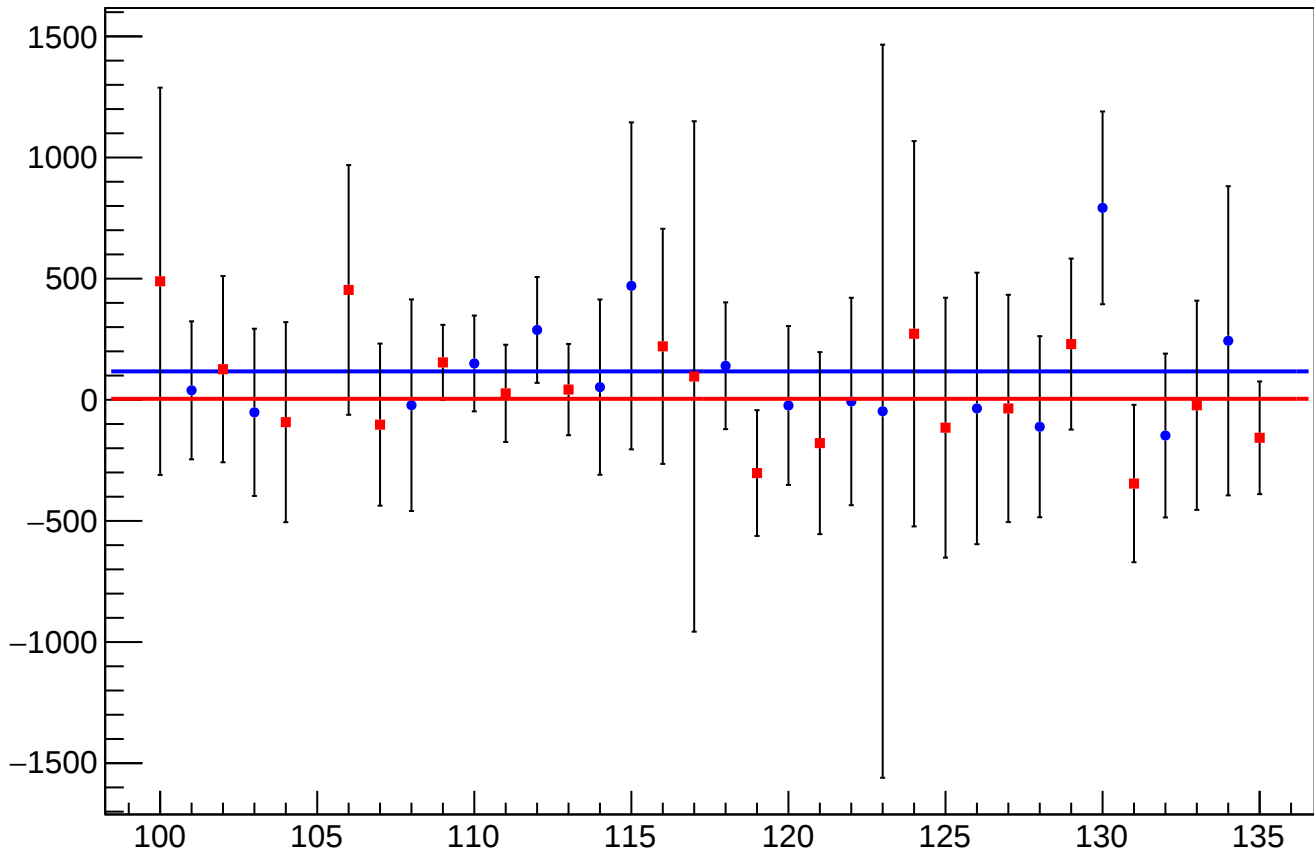
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132.276 $\pm$ 0.042 χ^2 /NDF: 1361857.5/15

130.565 $\pm$ 0.028 χ^2 /NDF: 2844474.4/34

129.206 $\pm$ 0.037 χ^2 /NDF: 1479619.7/18

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.053 $\pm$ 70.811 χ^2 /NDF: 6.4/18

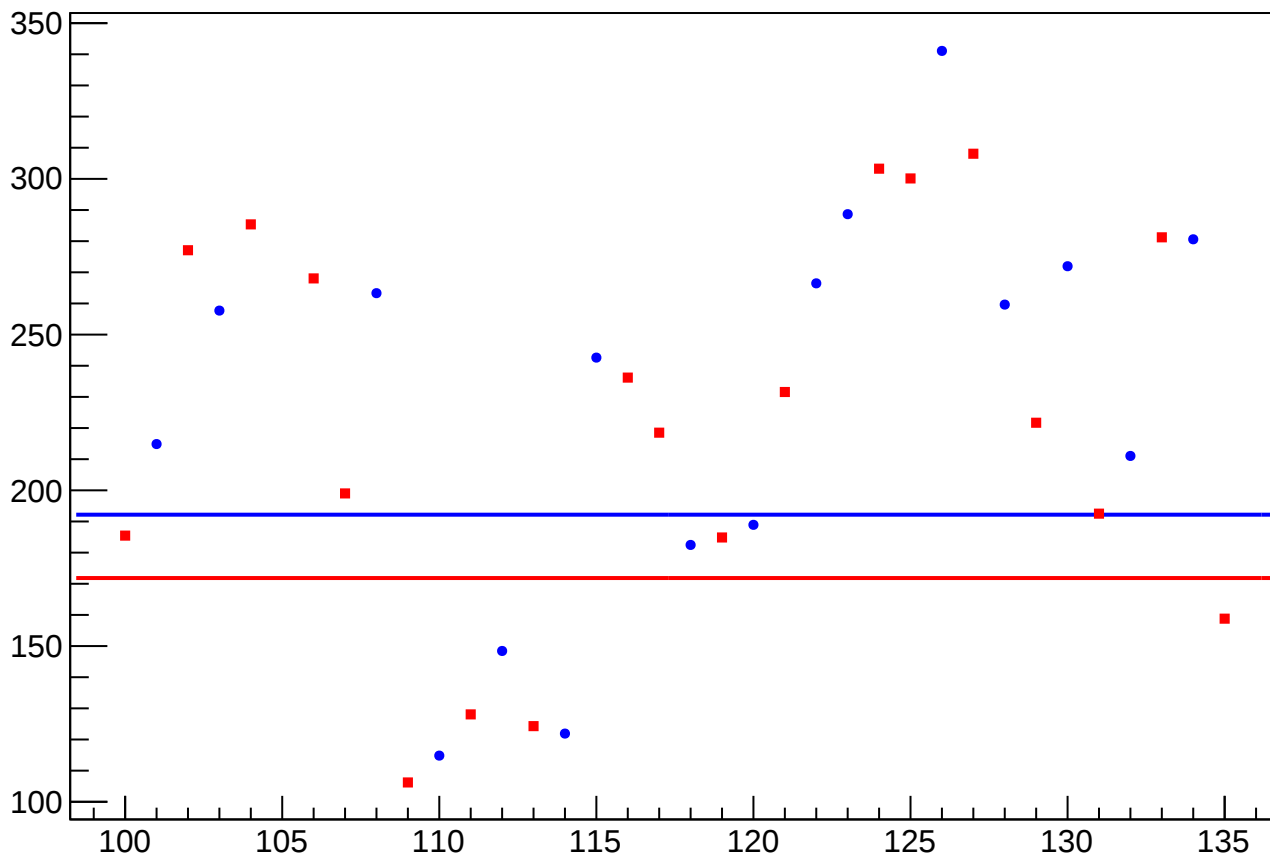
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.296 $\pm$ 84.520 χ^2 /NDF: 5.6/15

50.757 $\pm$ 54.279 χ^2 /NDF: 13.1/34

4.053 $\pm$ 70.811 χ^2 /NDF: 6.4/18

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 192.182+/-0.060 χ^2/NDF : 1013403.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.841+/-0.050 χ^2/NDF : 1579967.4/18

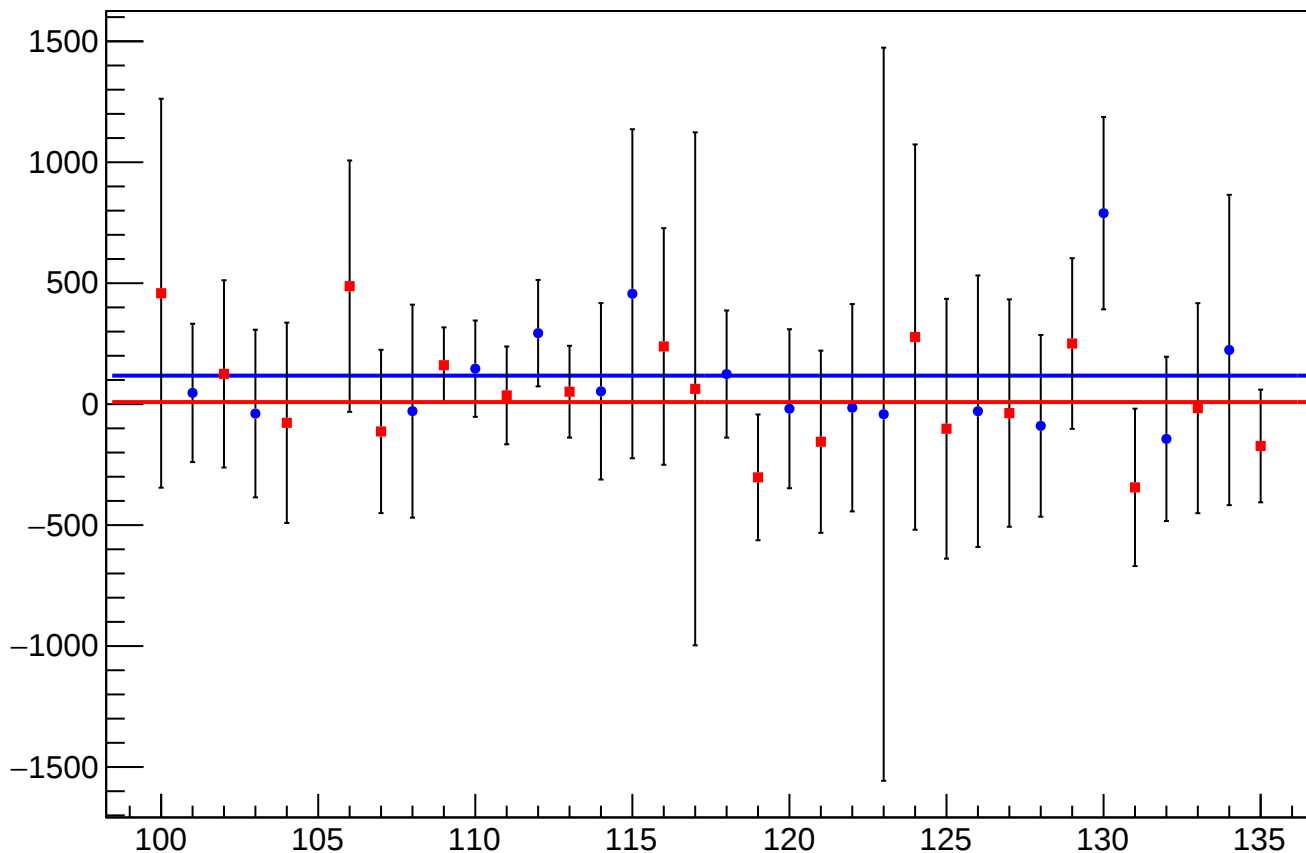
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.182+/-0.060 χ^2/NDF : 1013403.3/15

180.230+/-0.038 χ^2/NDF : 2661430.2/34

171.841+/-0.050 χ^2/NDF : 1579967.4/18

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.577 $\pm$ 71.185 χ^2 /NDF: 6.7/18

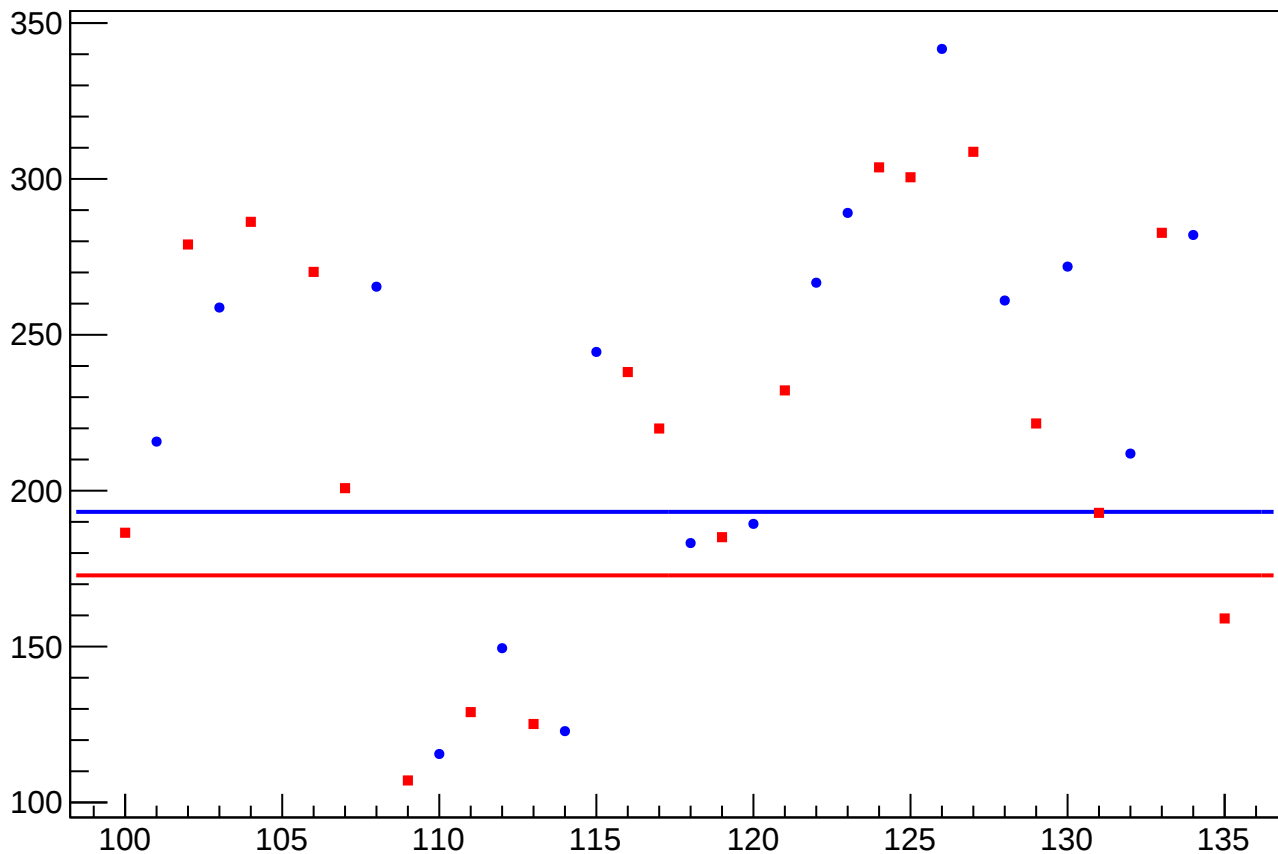
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.917 $\pm$ 84.940 χ^2 /NDF: 5.4/15

53.688 $\pm$ 54.559 χ^2 /NDF: 13.1/34

8.577 $\pm$ 71.185 χ^2 /NDF: 6.7/18

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 193.210+/-0.060 χ^2/NDF : 1004877.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.834+/-0.050 χ^2/NDF : 1567610.8/18

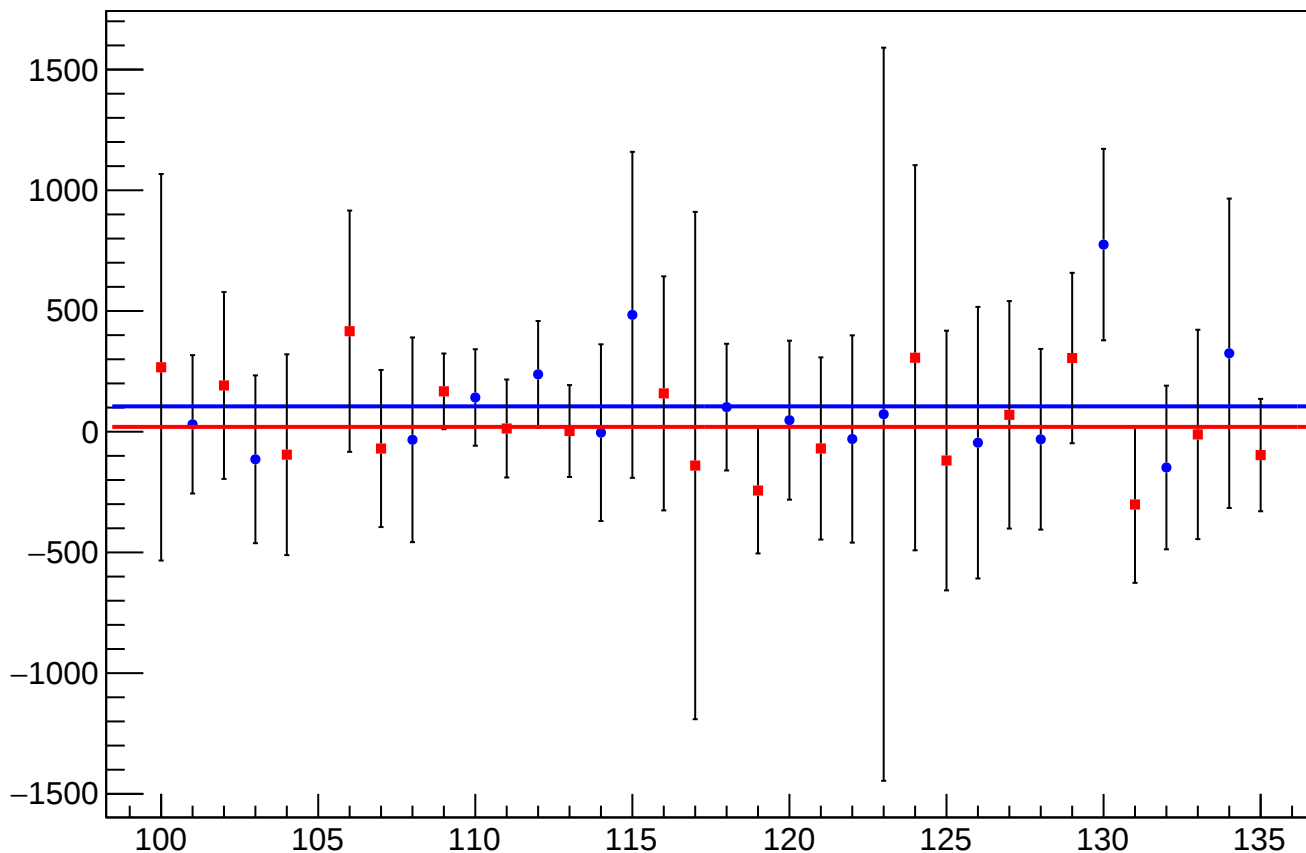
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.210+/-0.060 χ^2/NDF : 1004877.6/15

181.241+/-0.039 χ^2/NDF : 2640093.6/34

172.834+/-0.050 χ^2/NDF : 1567610.8/18

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.024 $\pm$ 71.101 χ^2 /NDF: 5.2/18

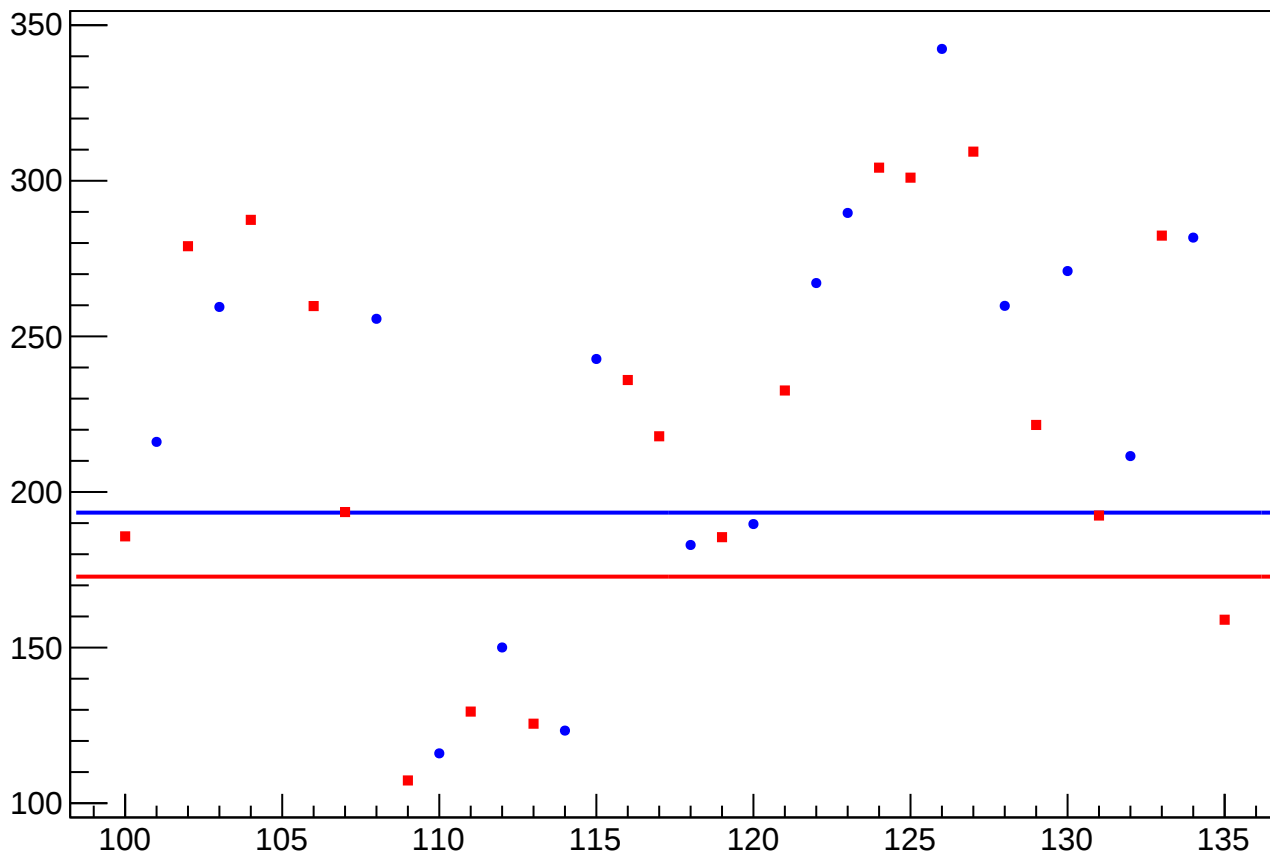
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

105.002 $\pm$ 84.925 χ^2 /NDF: 5.2/15

55.043 $\pm$ 54.517 χ^2 /NDF: 11.1/34

20.024 $\pm$ 71.101 χ^2 /NDF: 5.2/18

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 193.368+/-0.060 χ^2/NDF : 983166.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.802+/-0.050 χ^2/NDF : 1544419.6/18

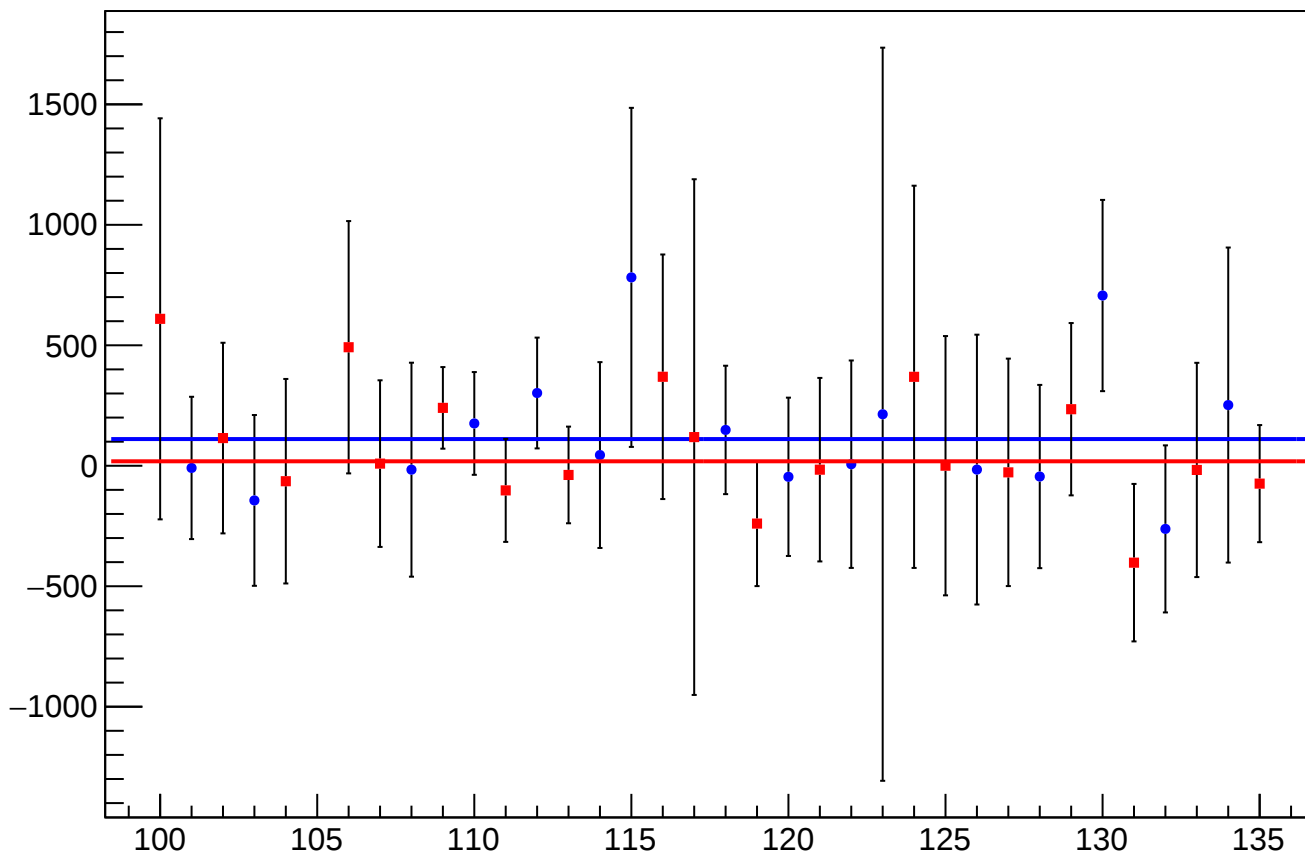
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.368+/-0.060 χ^2/NDF : 983166.5/15

181.277+/-0.039 χ^2/NDF : 2596540.7/34

172.802+/-0.050 χ^2/NDF : 1544419.6/18

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.545 $\pm$ 74.084 χ^2 /NDF: 7.4/18

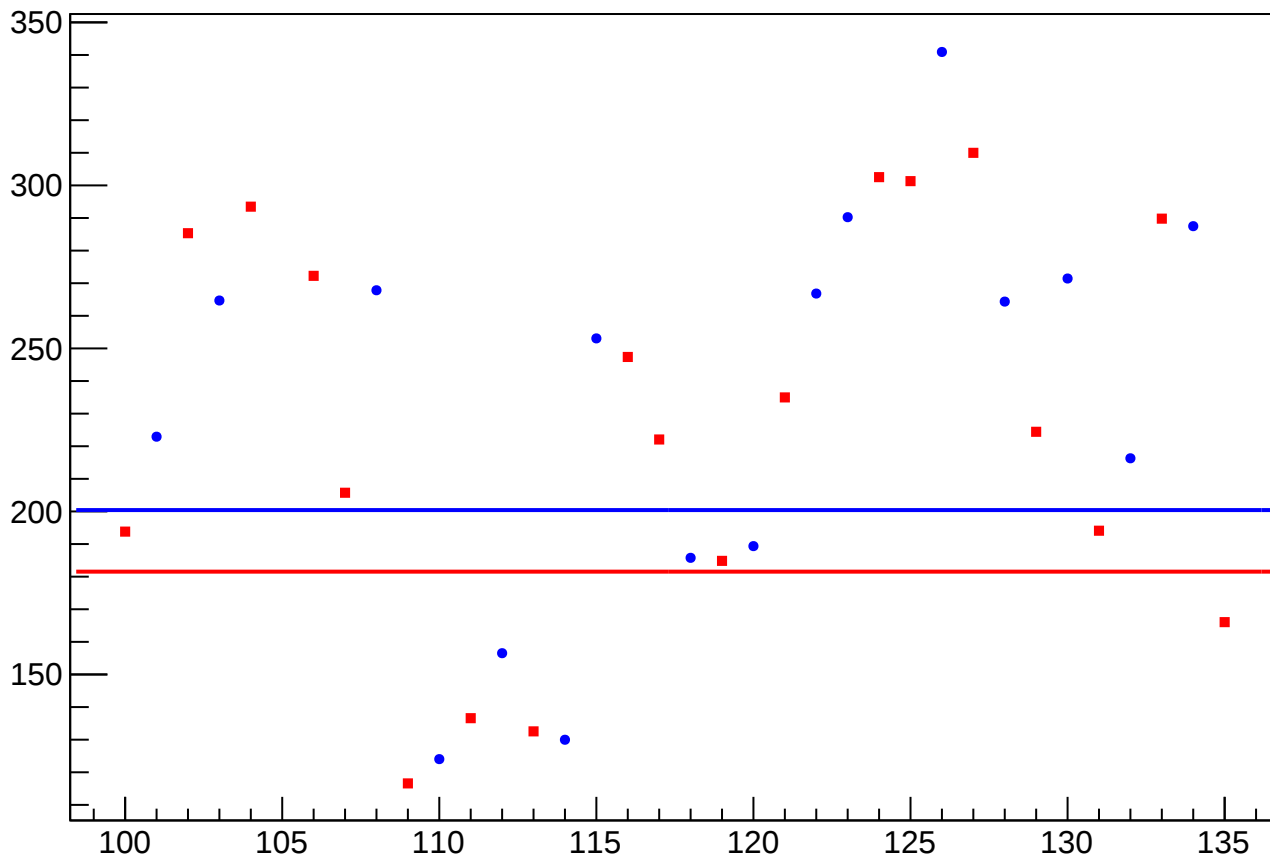
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

110.837 $\pm$ 87.559 χ^2 /NDF: 6.5/15

57.050 $\pm$ 56.556 χ^2 /NDF: 14.5/34

18.545 $\pm$ 74.084 χ^2 /NDF: 7.4/18

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 200.420 $\pm$ 0.062 χ^2 /NDF: 880014.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 181.538 $\pm$ 0.052 χ^2 /NDF: 1377393.3/18

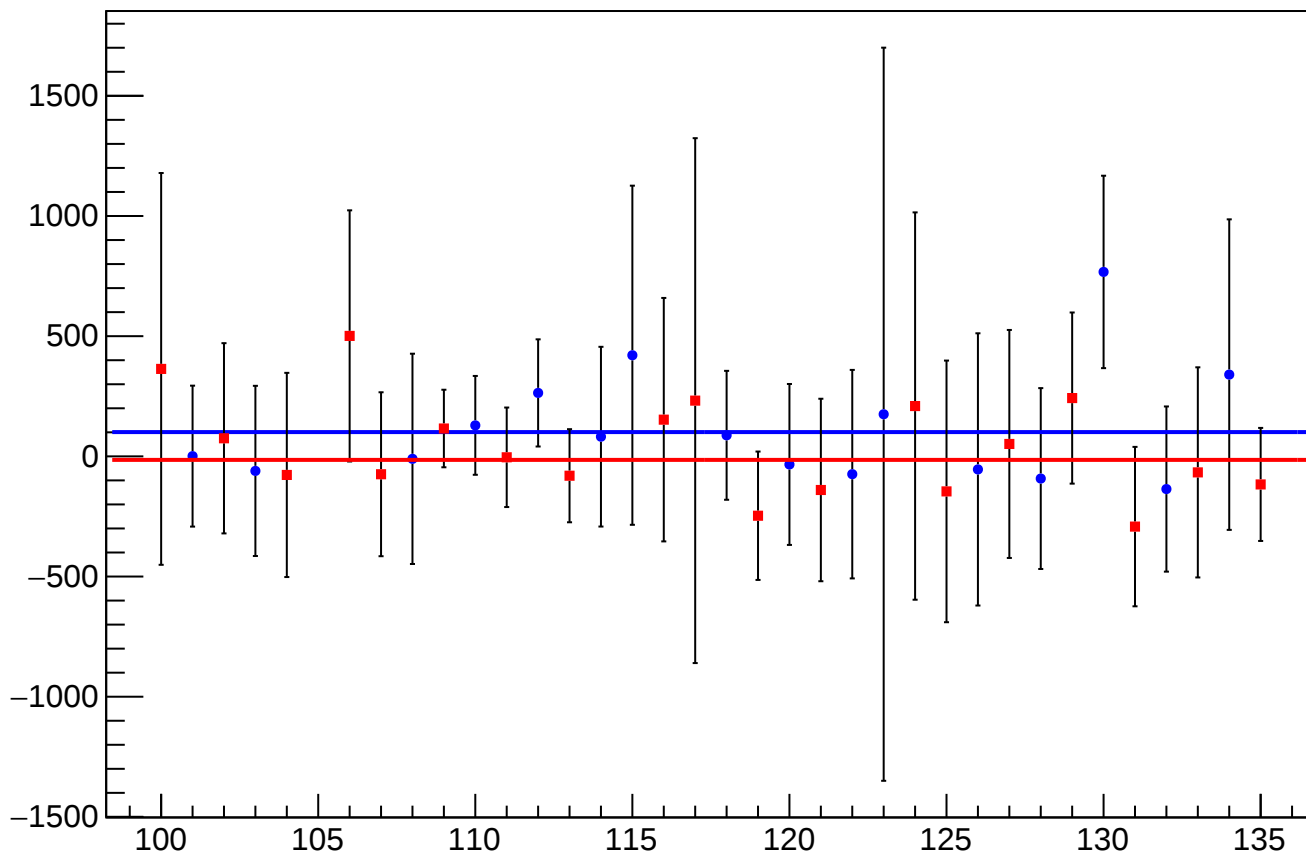
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

200.420 $\pm$ 0.062 χ^2 /NDF: 880014.3/15

189.416 $\pm$ 0.040 χ^2 /NDF: 2311608.8/34

181.538 $\pm$ 0.052 χ^2 /NDF: 1377393.3/18

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.686 $\pm$ 72.648 χ^2 /NDF: 4.7/18

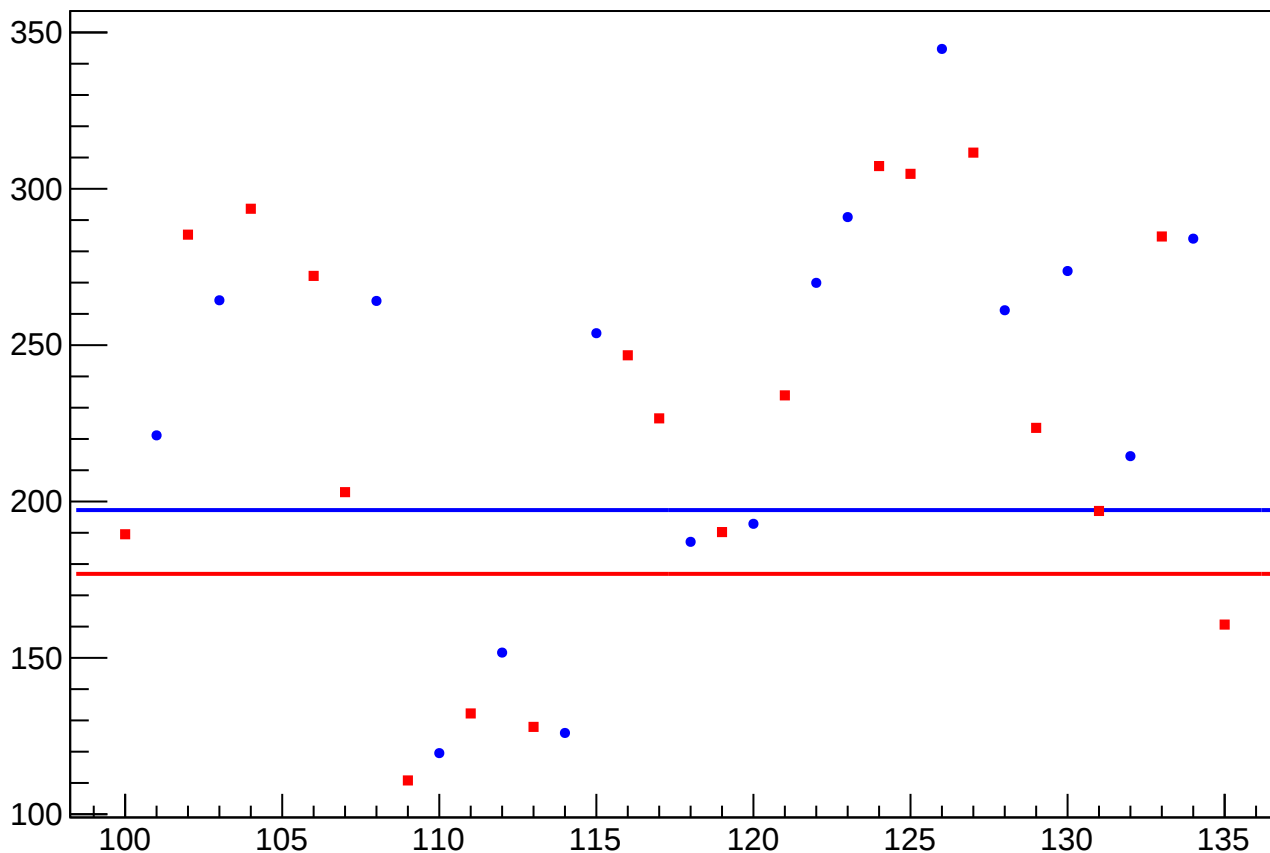
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

100.982 $\pm$ 86.504 χ^2 /NDF: 5.2/15

33.153 $\pm$ 55.632 χ^2 /NDF: 10.9/34

-14.686 $\pm$ 72.648 χ^2 /NDF: 4.7/18

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 197.261+/-0.061 χ^2/NDF : 961053.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.862+/-0.051 χ^2/NDF : 1525900.3/18

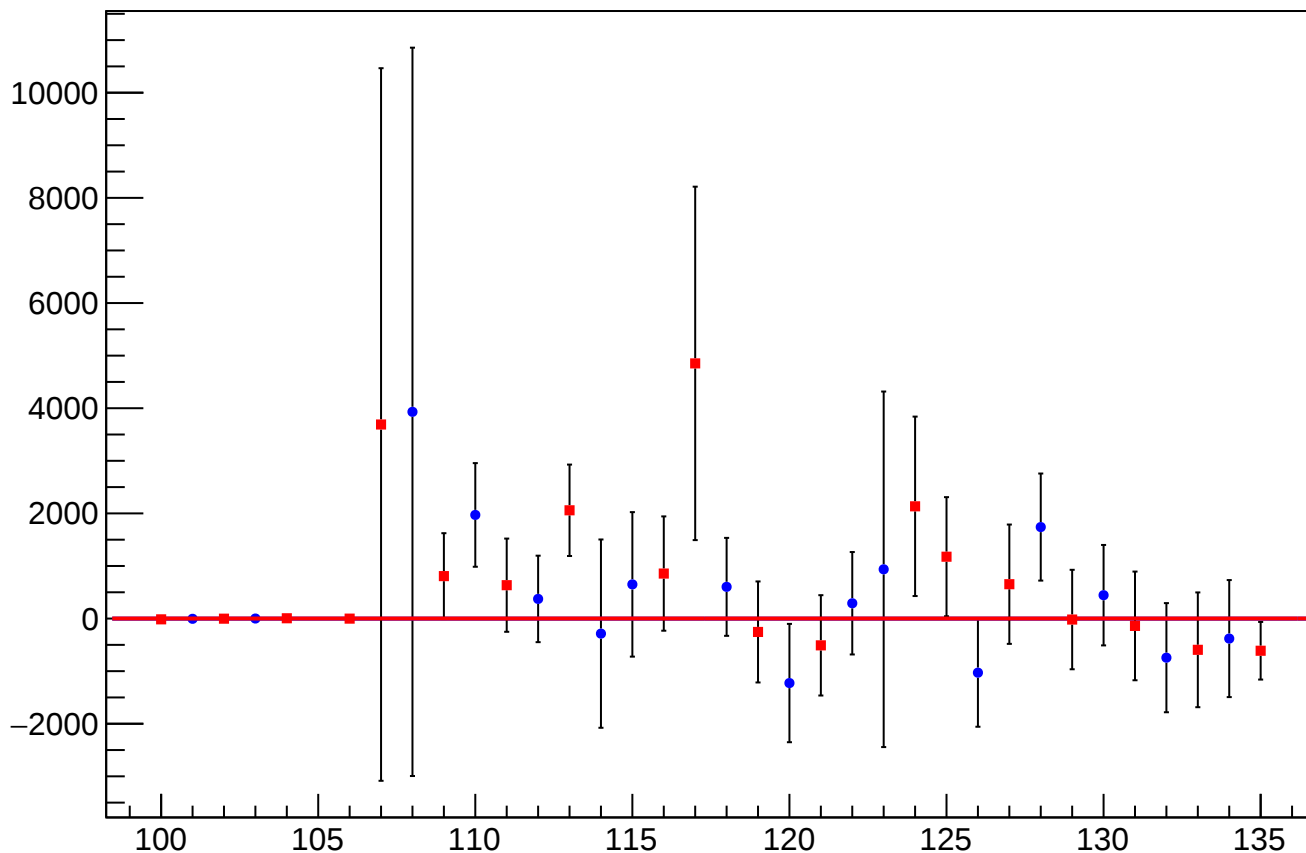
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.261+/-0.061 χ^2/NDF : 961053.1/15

185.299+/-0.039 χ^2/NDF : 2552169.7/34

176.862+/-0.051 χ^2/NDF : 1525900.3/18

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.504+/-2.251 χ^2/NDF : 12.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.732+/-2.111 χ^2/NDF : 20.9/18

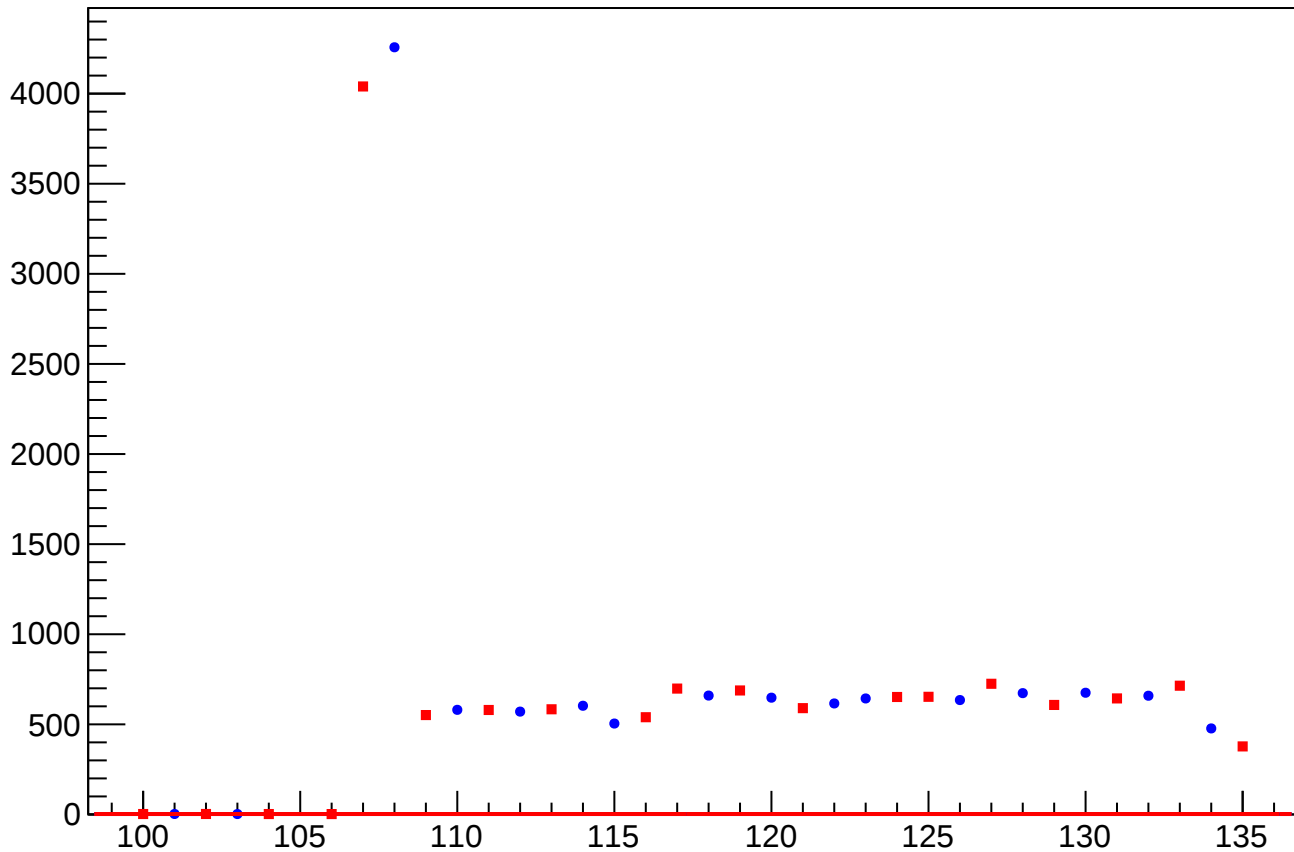
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.504+/-2.251 χ^2/NDF : 12.6/15

-0.314+/-1.540 χ^2/NDF : 34.1/34

0.732+/-2.111 χ^2/NDF : 20.9/18

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.445+/-0.002 χ^2/NDF : 9206597.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.435+/-0.001 χ^2/NDF : 10862146.0/18

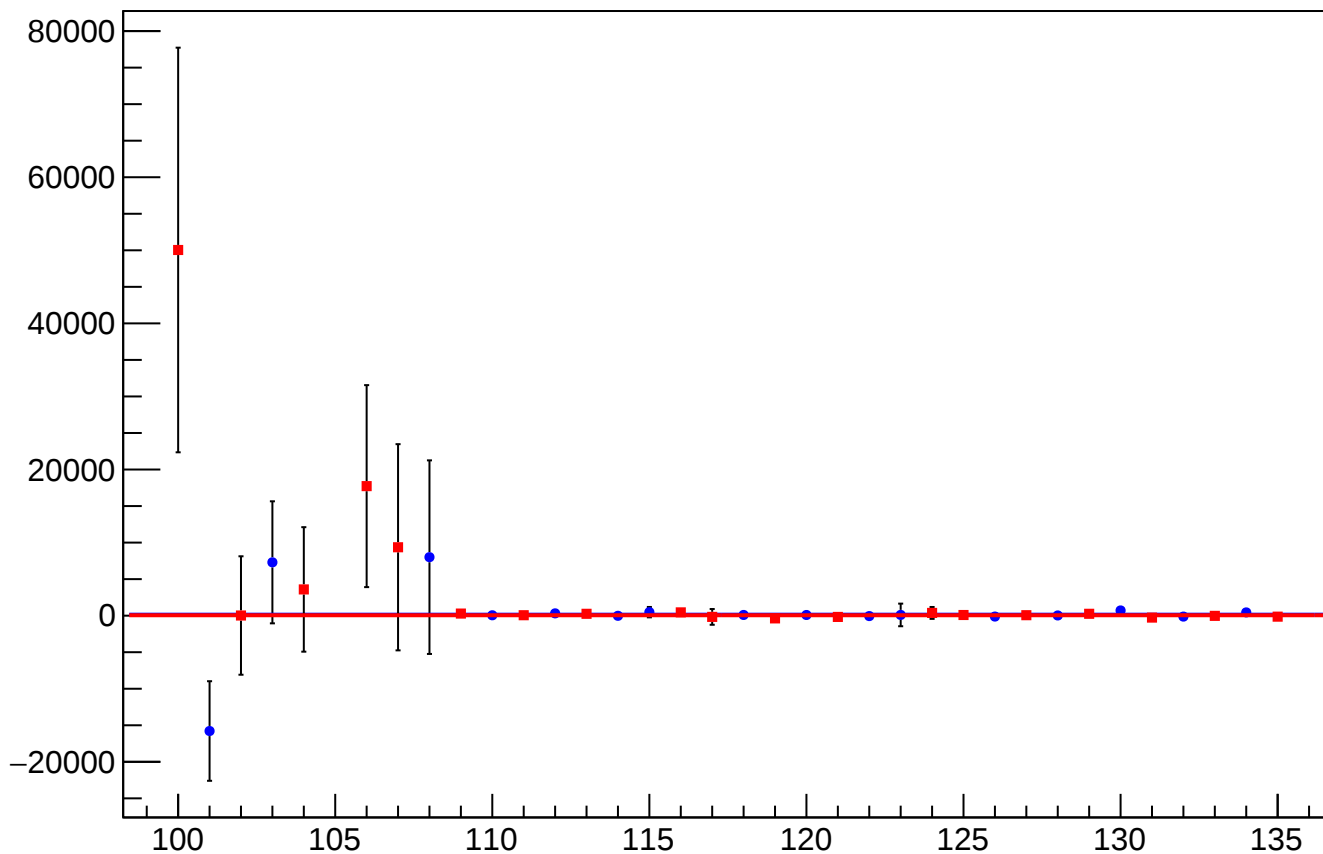
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.445+/-0.002 χ^2/NDF : 9206597.5/15

2.440+/-0.001 χ^2/NDF : 20068768.1/34

2.435+/-0.001 χ^2/NDF : 10862146.0/18

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 133.466+/-98.388 χ^2/NDF : 11.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.191+/-85.602 χ^2/NDF : 12.7/18

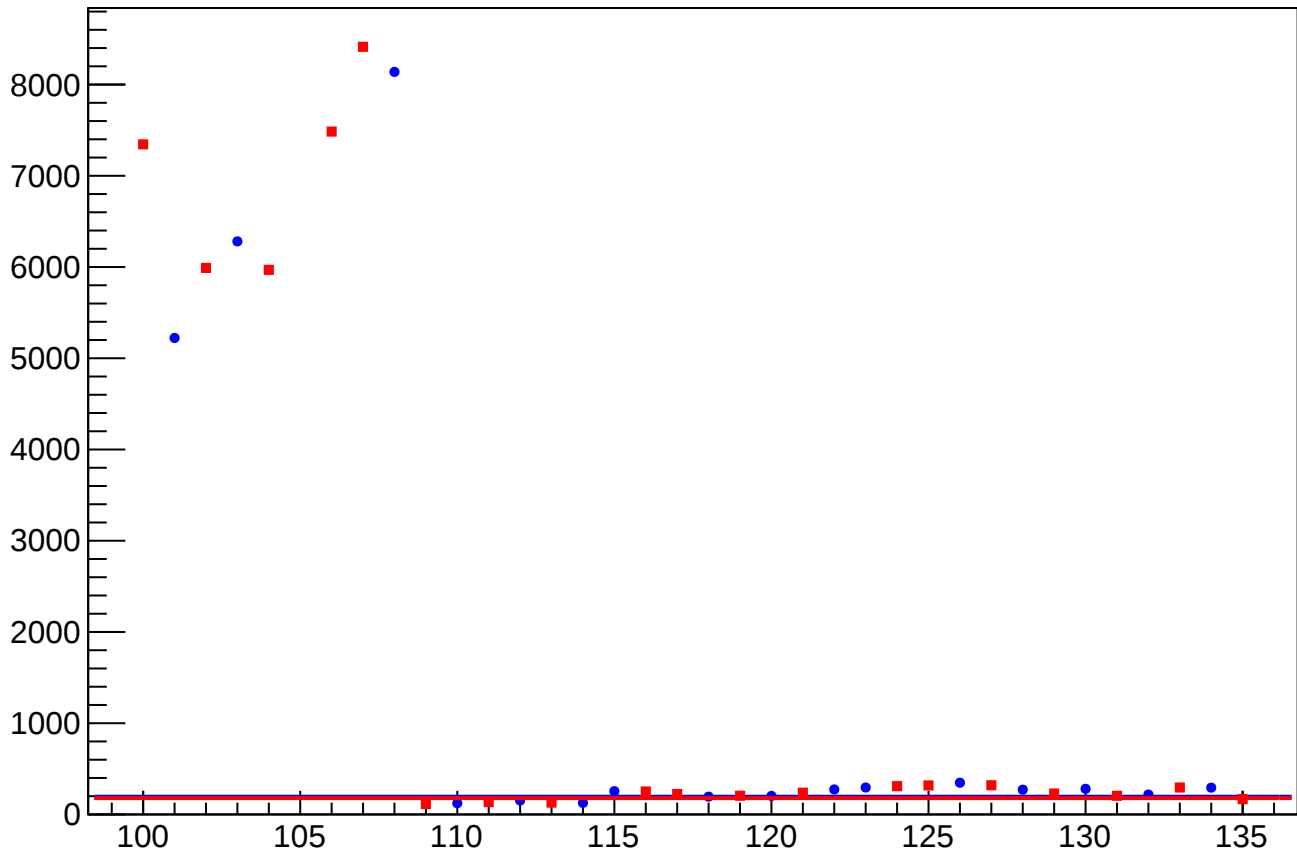
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.466+/-98.388 χ^2/NDF : 11.0/15

90.623+/-64.581 χ^2/NDF : 24.0/34

58.191+/-85.602 χ^2/NDF : 12.7/18

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 193.952+/-0.070 χ^2/NDF : 3679833.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.402+/-0.061 χ^2/NDF : 4318734.0/18

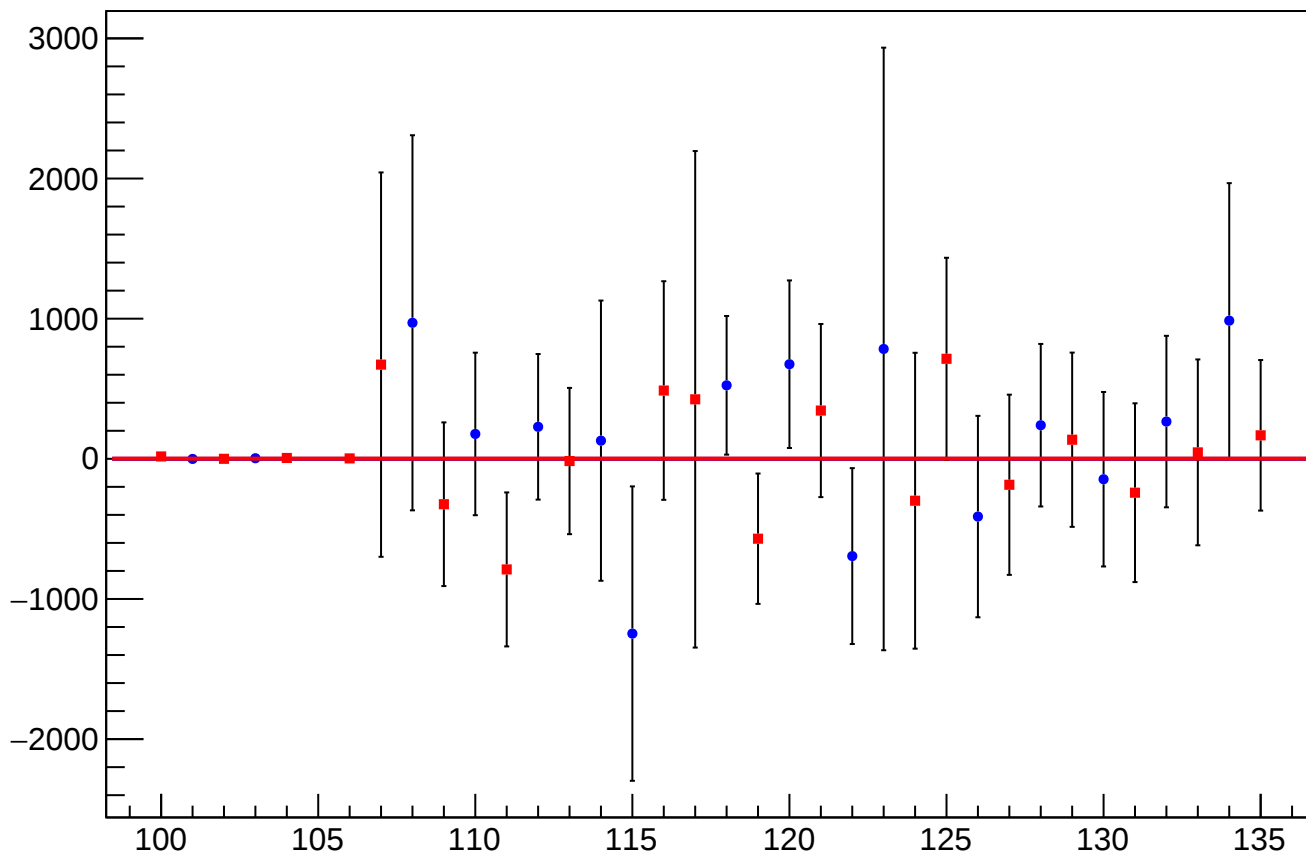
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.952+/-0.070 χ^2/NDF : 3679833.3/15

185.671+/-0.046 χ^2/NDF : 8023461.5/34

179.402+/-0.061 χ^2/NDF : 4318734.0/18

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.146 ± 1.737 χ^2/NDF : 8.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.326 ± 1.623 χ^2/NDF : 9.0/18

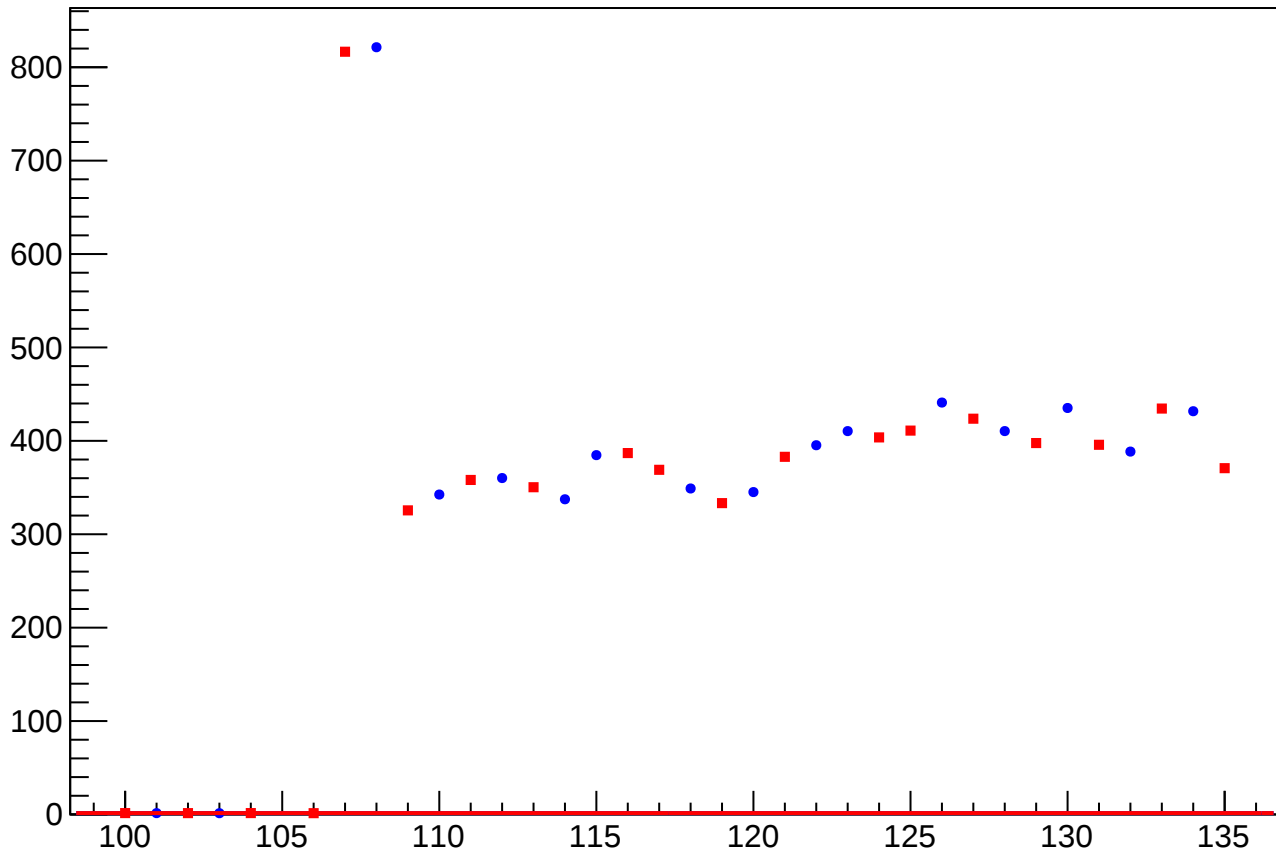
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.146 ± 1.737 χ^2/NDF : 8.6/15

0.640 ± 1.186 χ^2/NDF : 18.0/34

1.326 ± 1.623 χ^2/NDF : 9.0/18

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.446 $\pm$ 0.001 χ^2 /NDF: 9297686.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.450 $\pm$ 0.001 χ^2 /NDF: 10591898.0/18

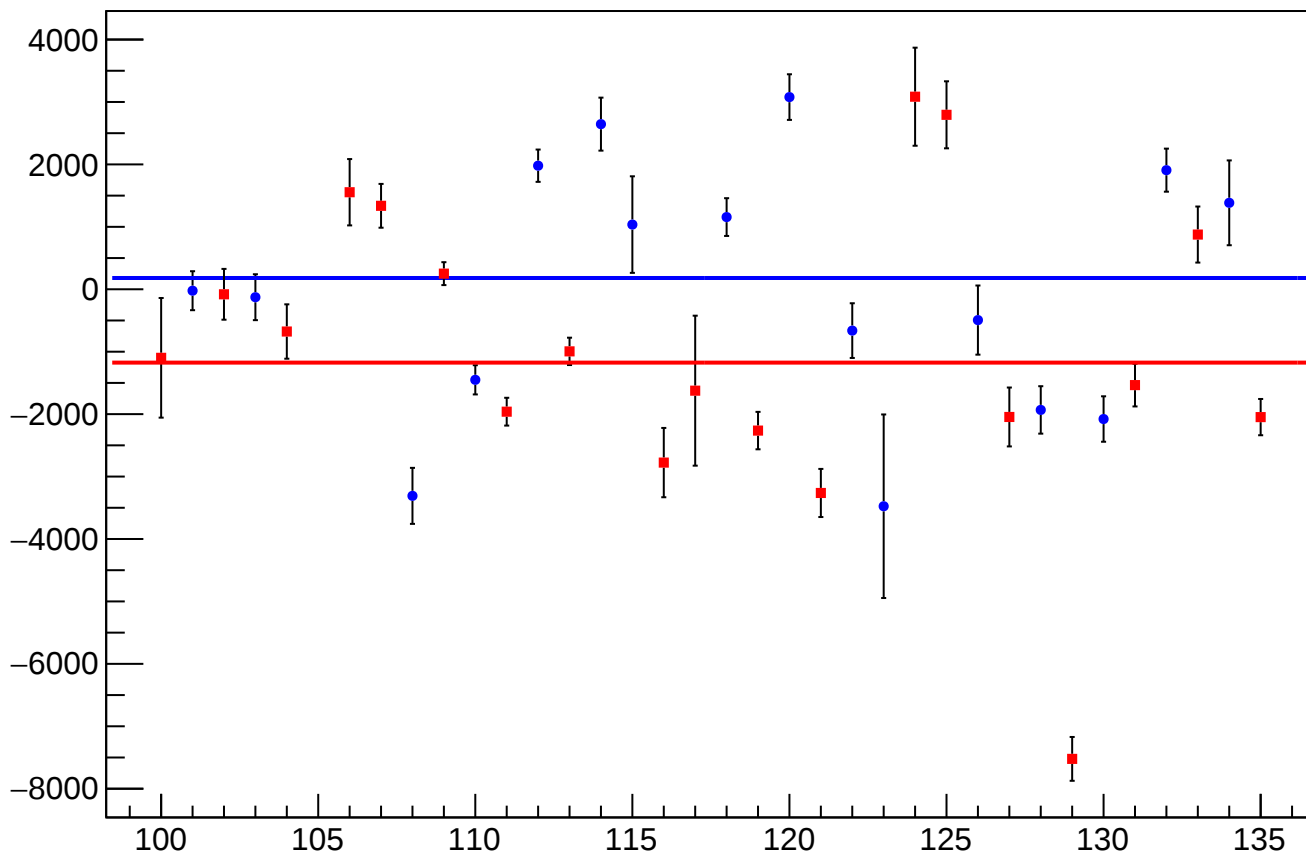
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.446 $\pm$ 0.001 χ^2 /NDF: 9297686.8/15

1.448 $\pm$ 0.001 χ^2 /NDF: 19889590.0/34

1.450 $\pm$ 0.001 χ^2 /NDF: 10591898.0/18

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 180.614 $\pm$ 93.053 χ^2 /NDF: 375.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1174.811 $\pm$ 79.136 χ^2 /NDF: 656.2/18

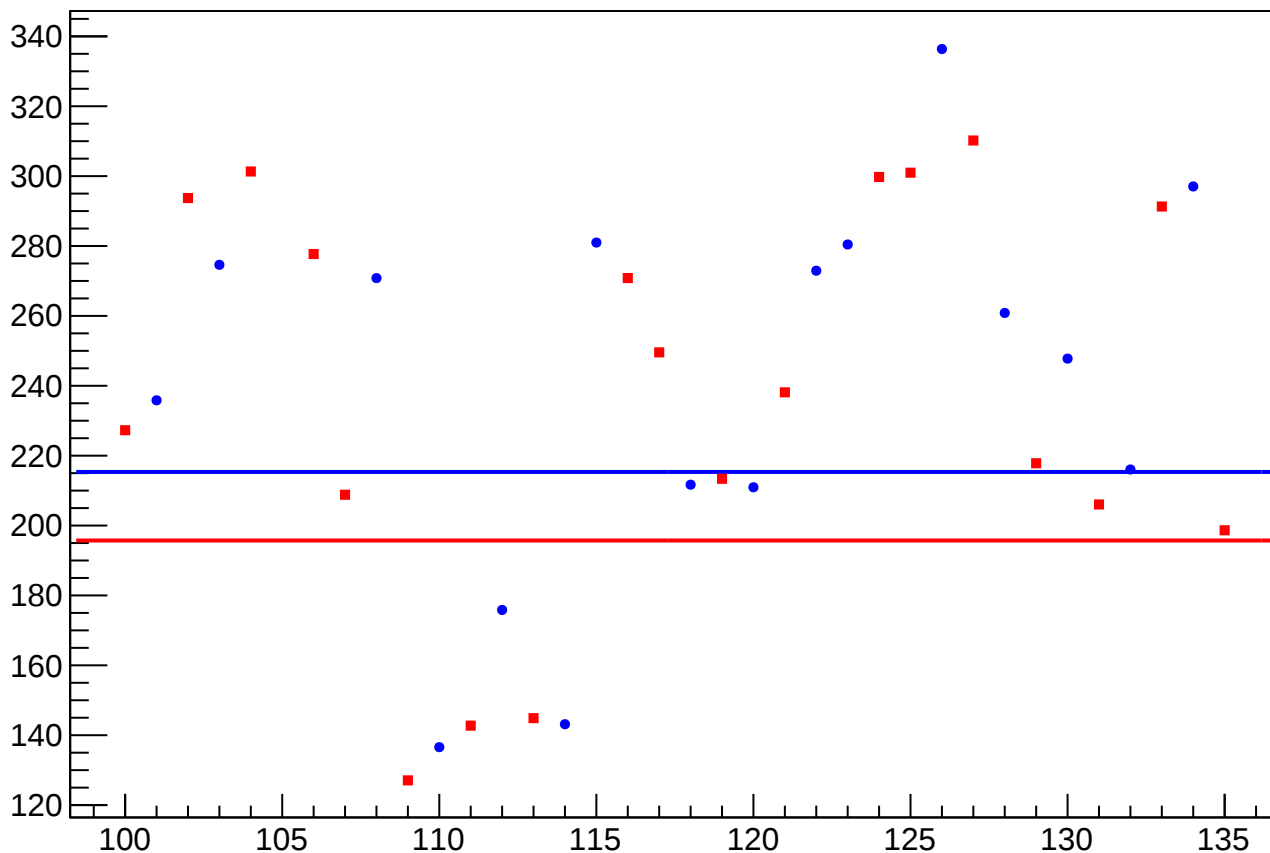
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

180.614 $\pm$ 93.053 χ^2 /NDF: 375.9/15

-605.941 $\pm$ 60.284 χ^2 /NDF: 1155.2/34

-1174.811 $\pm$ 79.136 χ^2 /NDF: 656.2/18

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.721 $\pm$ 0.056 χ^2 /NDF: 1189585.6/18

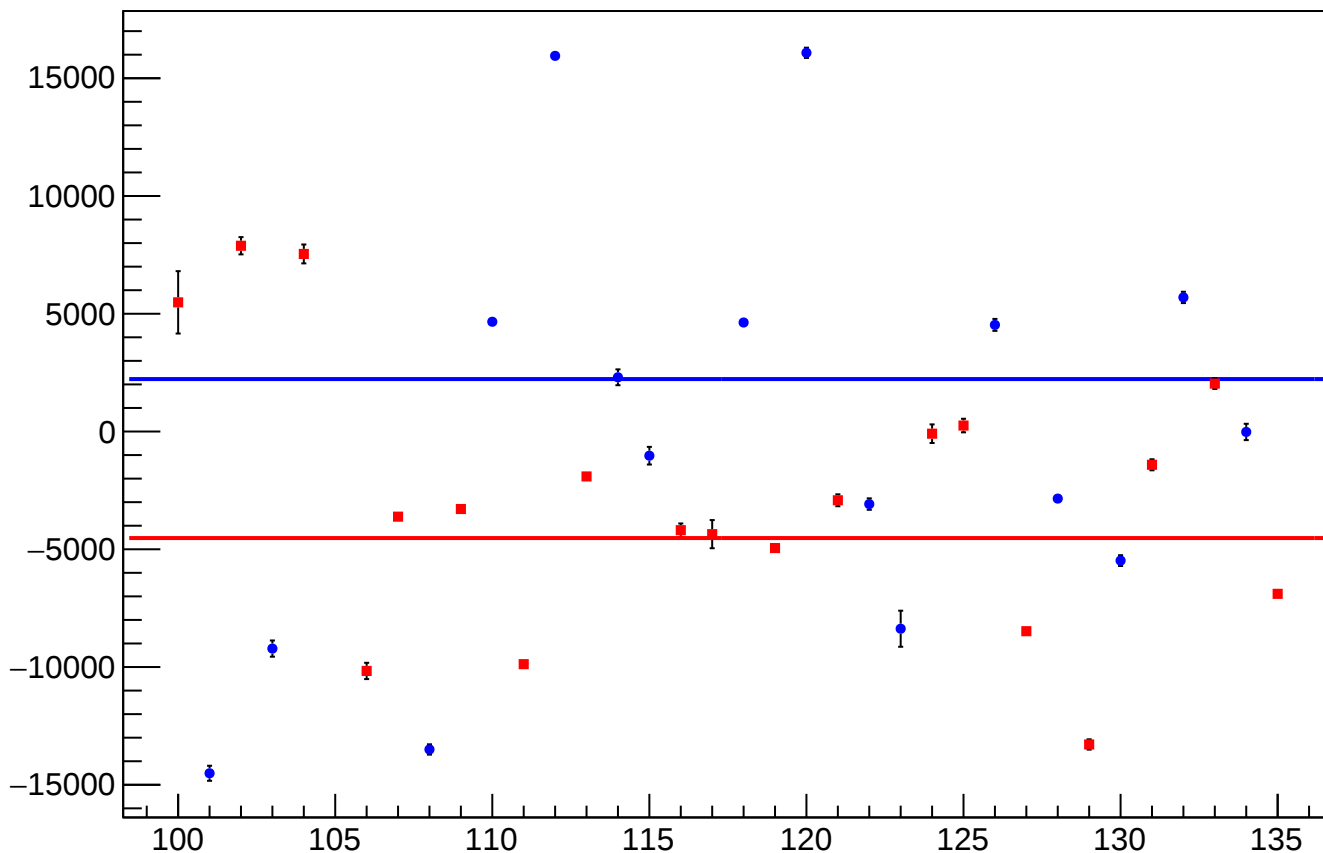
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

215.342 $\pm$ 0.066 χ^2 /NDF: 644939.5/15

203.955 $\pm$ 0.043 χ^2 /NDF: 1886126.0/34

195.721 $\pm$ 0.056 χ^2 /NDF: 1189585.6/18

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2226.767+/-59.315 χ^2/NDF : 22665.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4523.728+/-52.867 χ^2/NDF : 7476.0/18

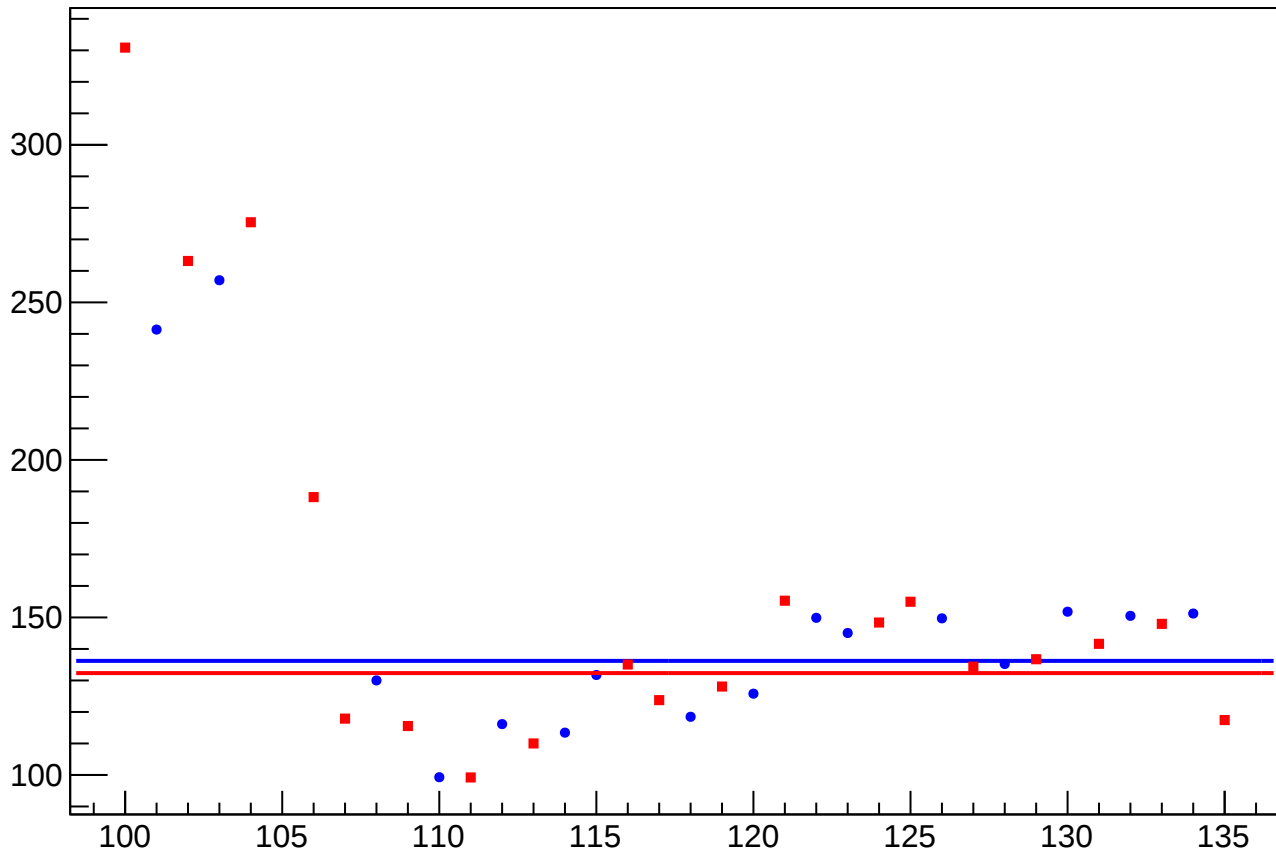
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2226.767+/-59.315 χ^2/NDF : 22665.2/15

-1535.220+/-39.466 χ^2/NDF : 37359.2/34

-4523.728+/-52.867 χ^2/NDF : 7476.0/18

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 136.213+/-0.042 χ^2/NDF : 653653.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.339+/-0.037 χ^2/NDF : 826428.0/18

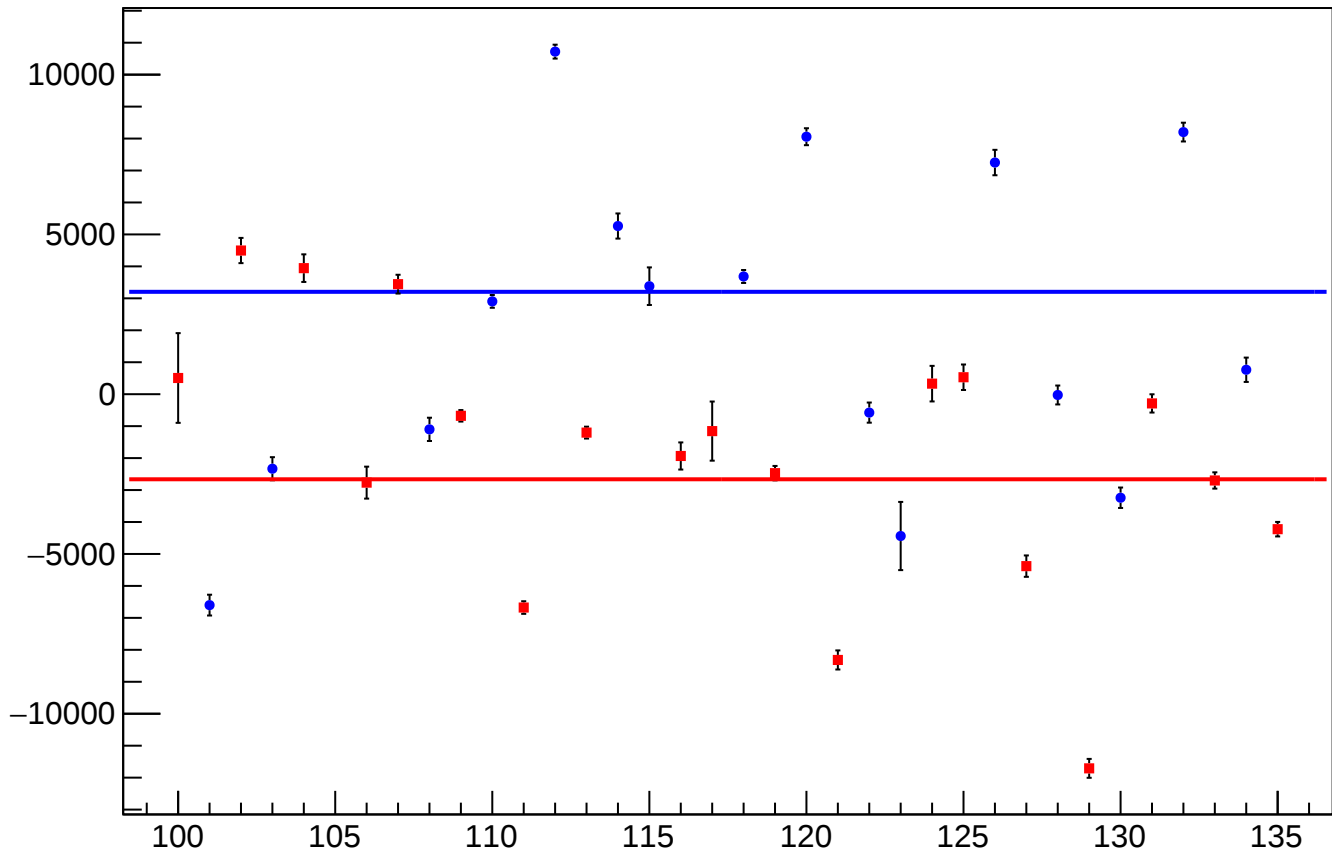
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.213+/-0.042 χ^2/NDF : 653653.5/15

134.054+/-0.028 χ^2/NDF : 1484834.3/34

132.339+/-0.037 χ^2/NDF : 826428.0/18

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3203.737+/-75.445 χ^2/NDF : 3997.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2663.043+/-66.244 χ^2/NDF : 3173.2/18

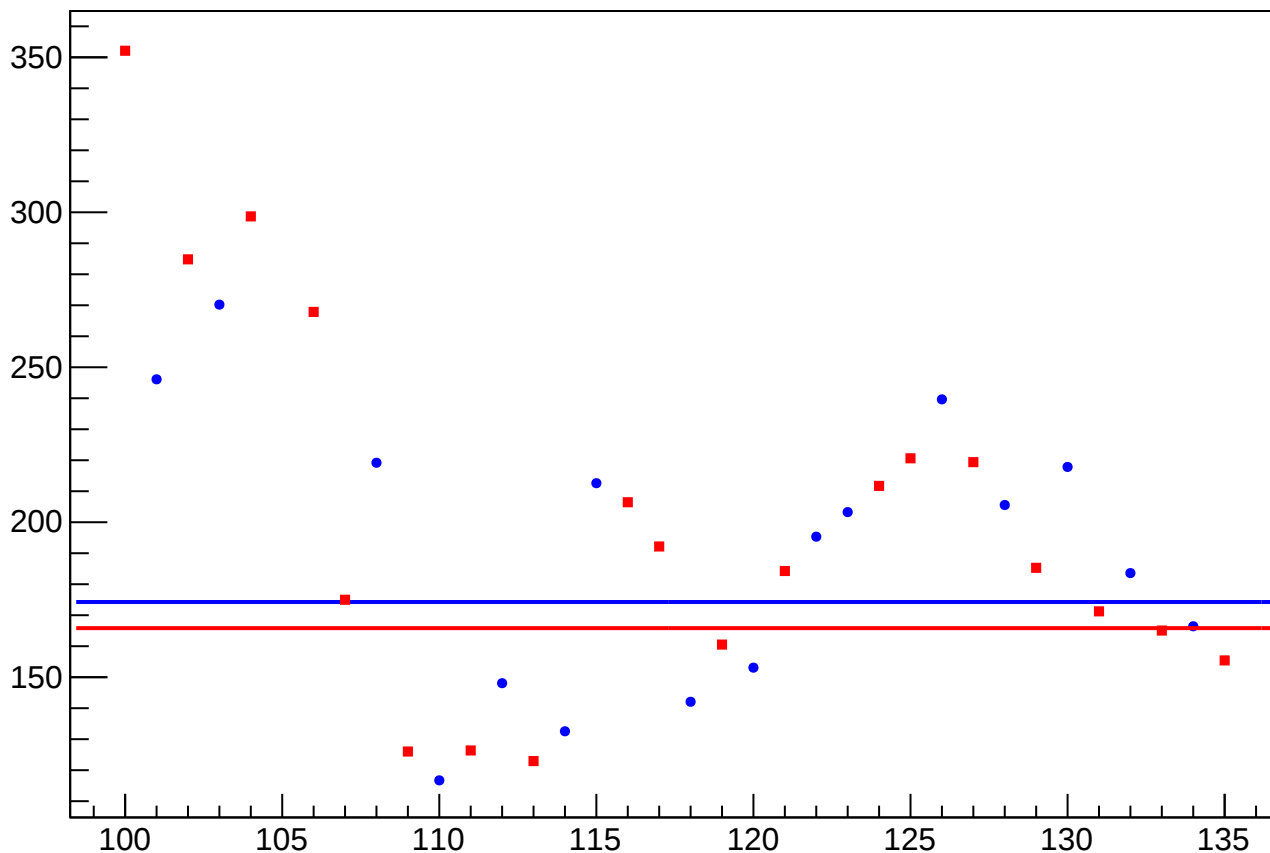
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3203.737+/-75.445 χ^2/NDF : 3997.2/15

-109.031+/-49.779 χ^2/NDF : 10584.9/34

-2663.043+/-66.244 χ^2/NDF : 3173.2/18

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 174.263+/-0.053 χ^2/NDF : 685080.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.834+/-0.047 χ^2/NDF : 920475.2/18

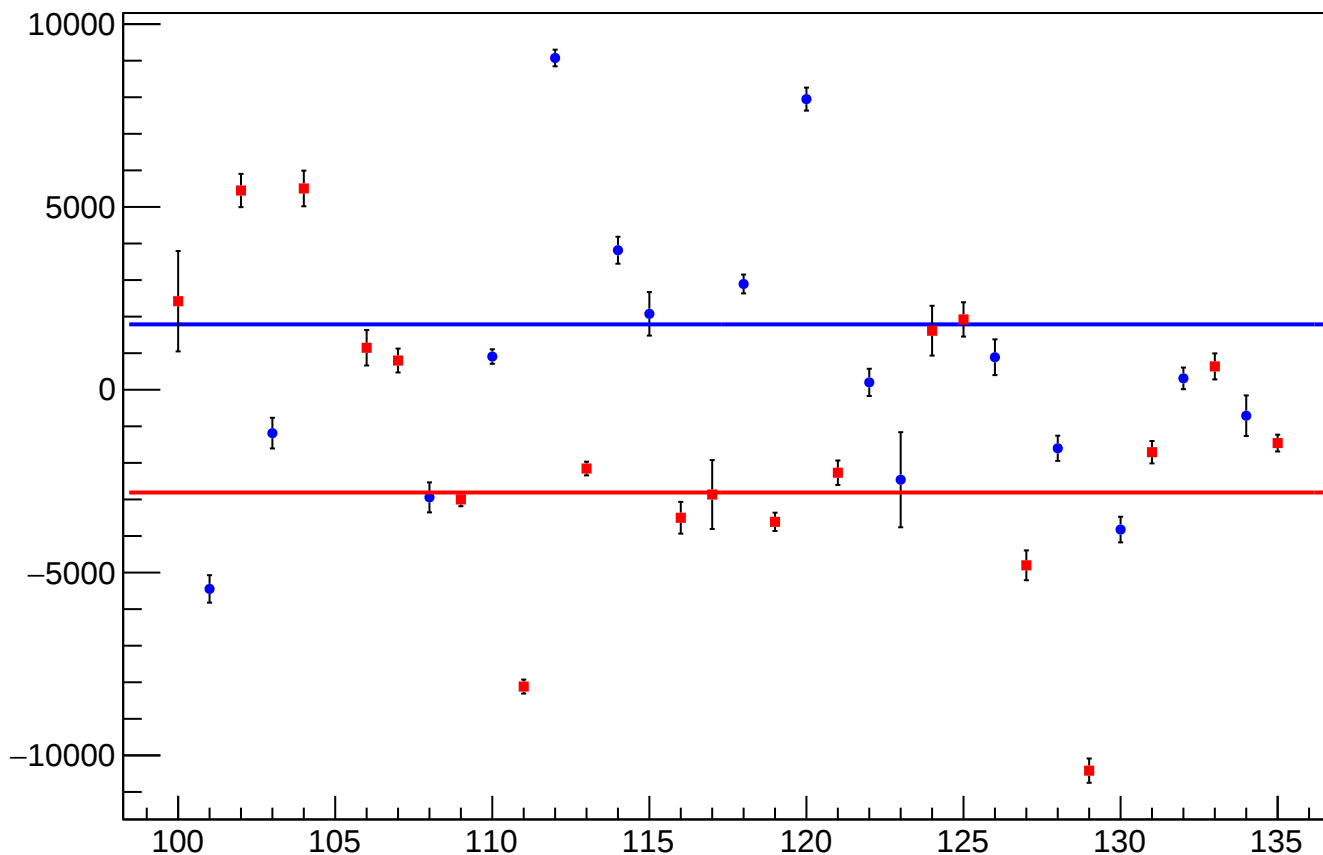
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.263+/-0.053 χ^2/NDF : 685080.5/15

169.503+/-0.035 χ^2/NDF : 1619654.8/34

165.834+/-0.047 χ^2/NDF : 920475.2/18

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1788.316+/-83.876 χ^2/NDF : 2463.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2810.103+/-70.942 χ^2/NDF : 2453.2/18

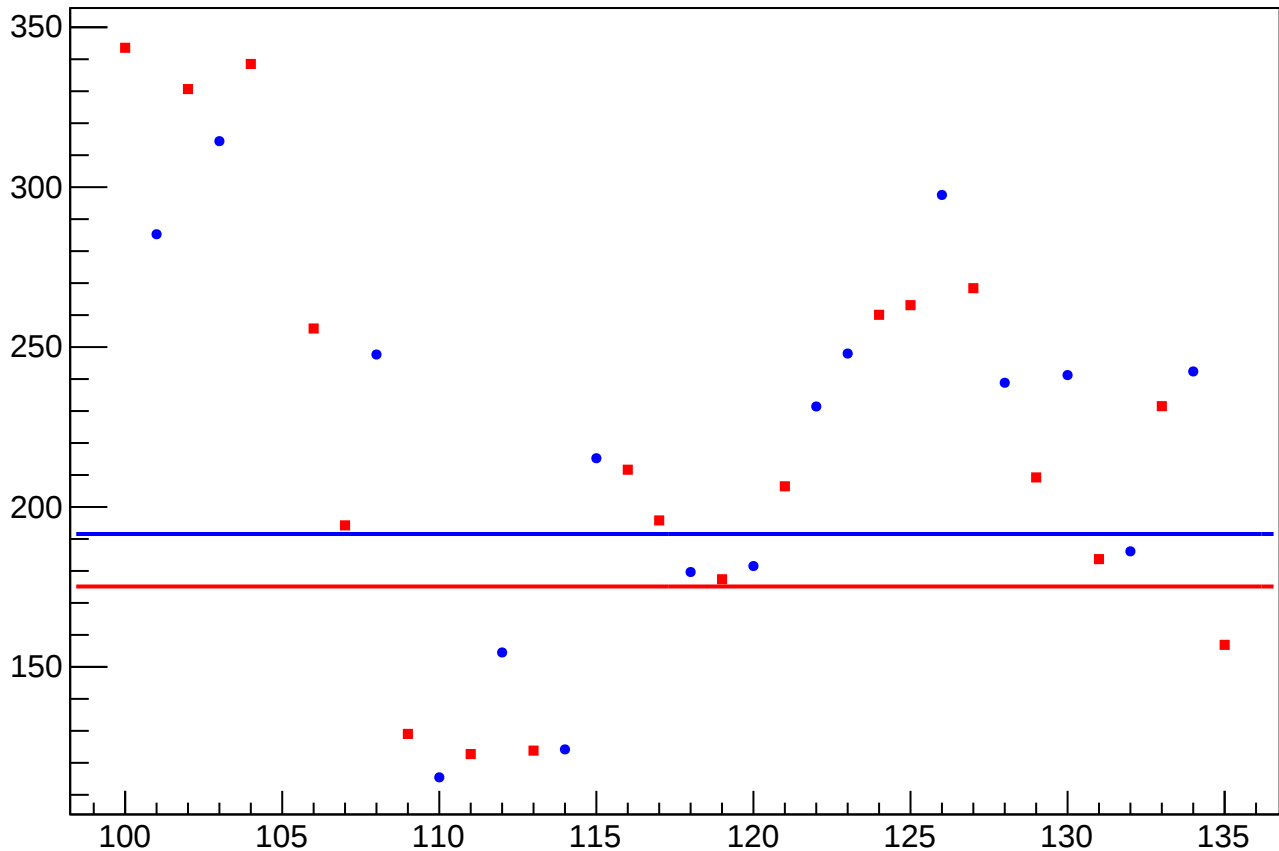
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1788.316+/-83.876 χ^2/NDF : 2463.8/15

-892.398+/-54.166 χ^2/NDF : 6669.2/34

-2810.103+/-70.942 χ^2/NDF : 2453.2/18

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 191.553+/-0.059 χ^2/NDF : 973301.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.140+/-0.050 χ^2/NDF : 1297993.9/18

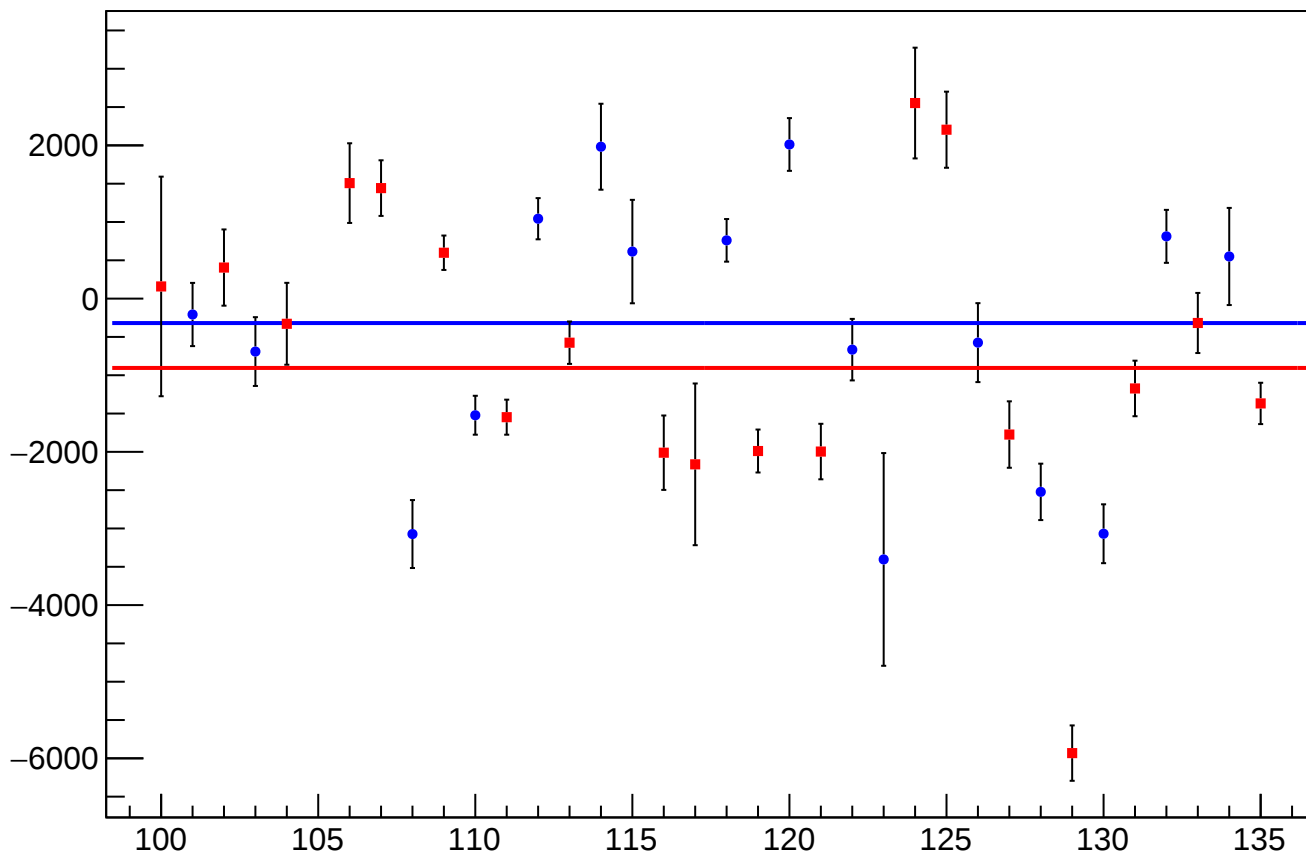
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.553+/-0.059 χ^2/NDF : 973301.2/15

181.985+/-0.038 χ^2/NDF : 2315940.0/34

175.140+/-0.050 χ^2/NDF : 1297993.9/18

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -319.044+/-96.450 χ^2/NDF : 272.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -904.828+/-83.439 χ^2/NDF : 422.1/18

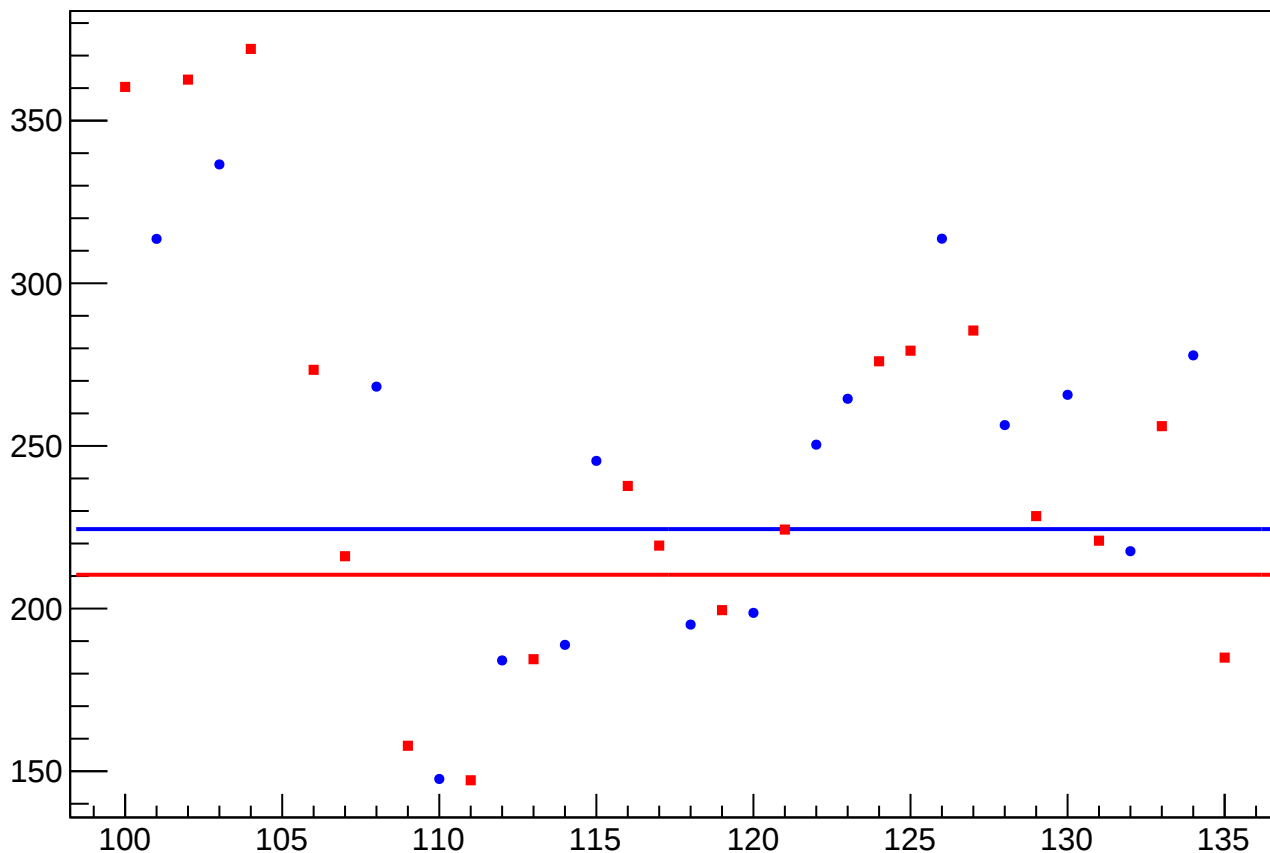
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-319.044+/-96.450 χ^2/NDF : 272.7/15

-654.083+/-63.103 χ^2/NDF : 715.9/34

-904.828+/-83.439 χ^2/NDF : 422.1/18

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 224.429+/-0.068 χ^2/NDF : 632501.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.397+/-0.059 χ^2/NDF : 880843.7/18

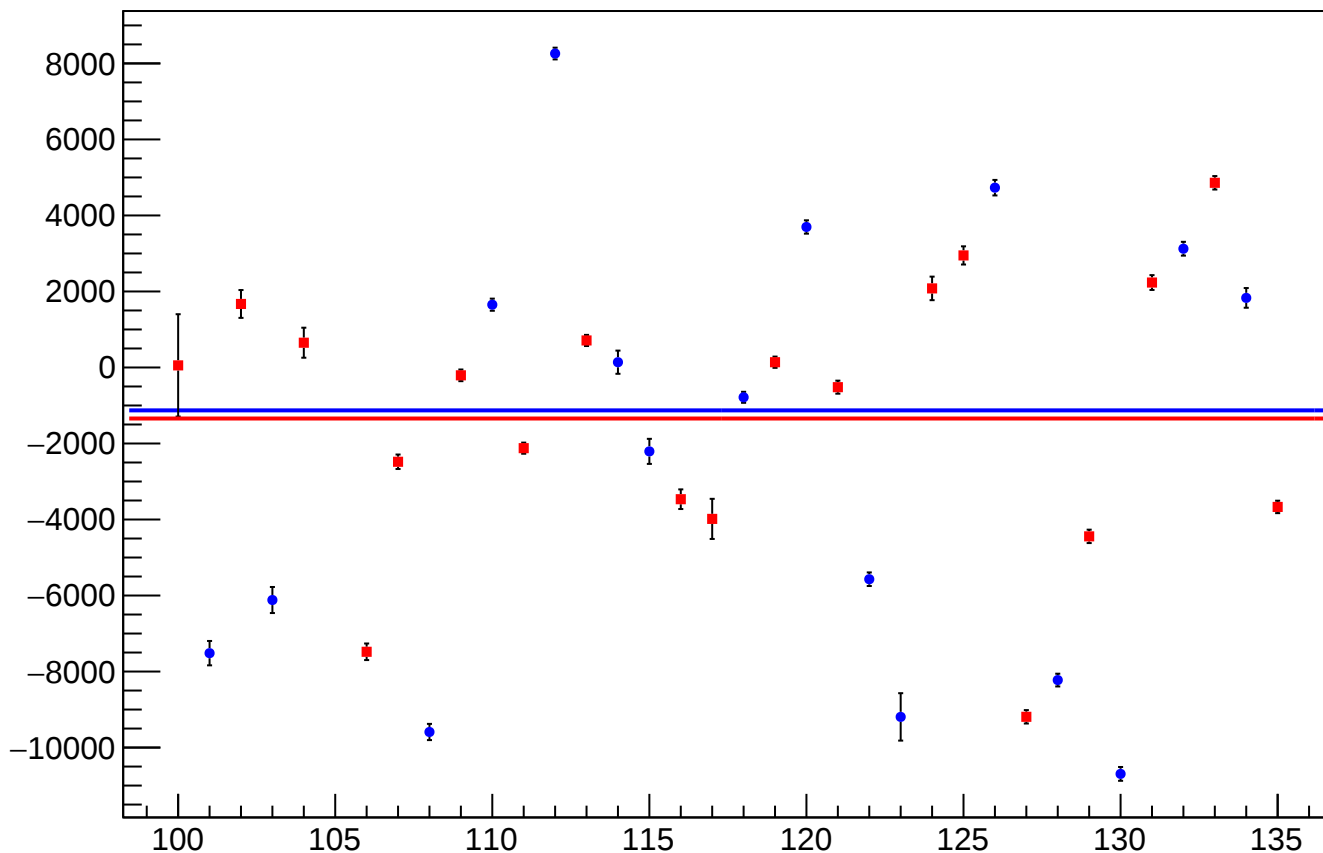
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

224.429+/-0.068 χ^2/NDF : 632501.8/15

216.403+/-0.045 χ^2/NDF : 1537558.0/34

210.397+/-0.059 χ^2/NDF : 880843.7/18

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1128.390+/-50.616 χ^2/NDF : 13813.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1342.733+/-45.424 χ^2/NDF : 5915.7/18

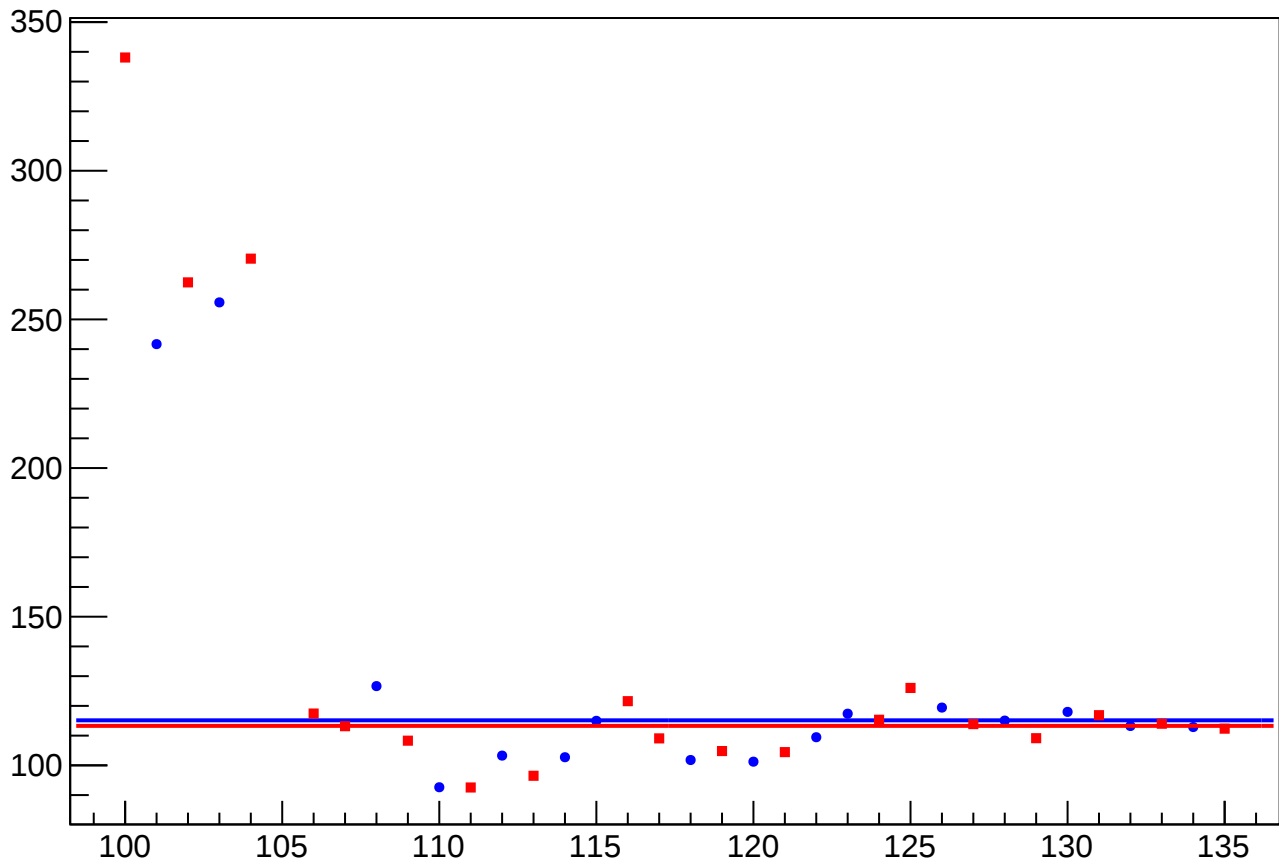
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1128.390+/-50.616 χ^2/NDF : 13813.2/15

-1247.117+/-33.807 χ^2/NDF : 19738.8/34

-1342.733+/-45.424 χ^2/NDF : 5915.7/18

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.142+/-0.036 χ^2/NDF : 741793.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.283+/-0.032 χ^2/NDF : 795200.0/18

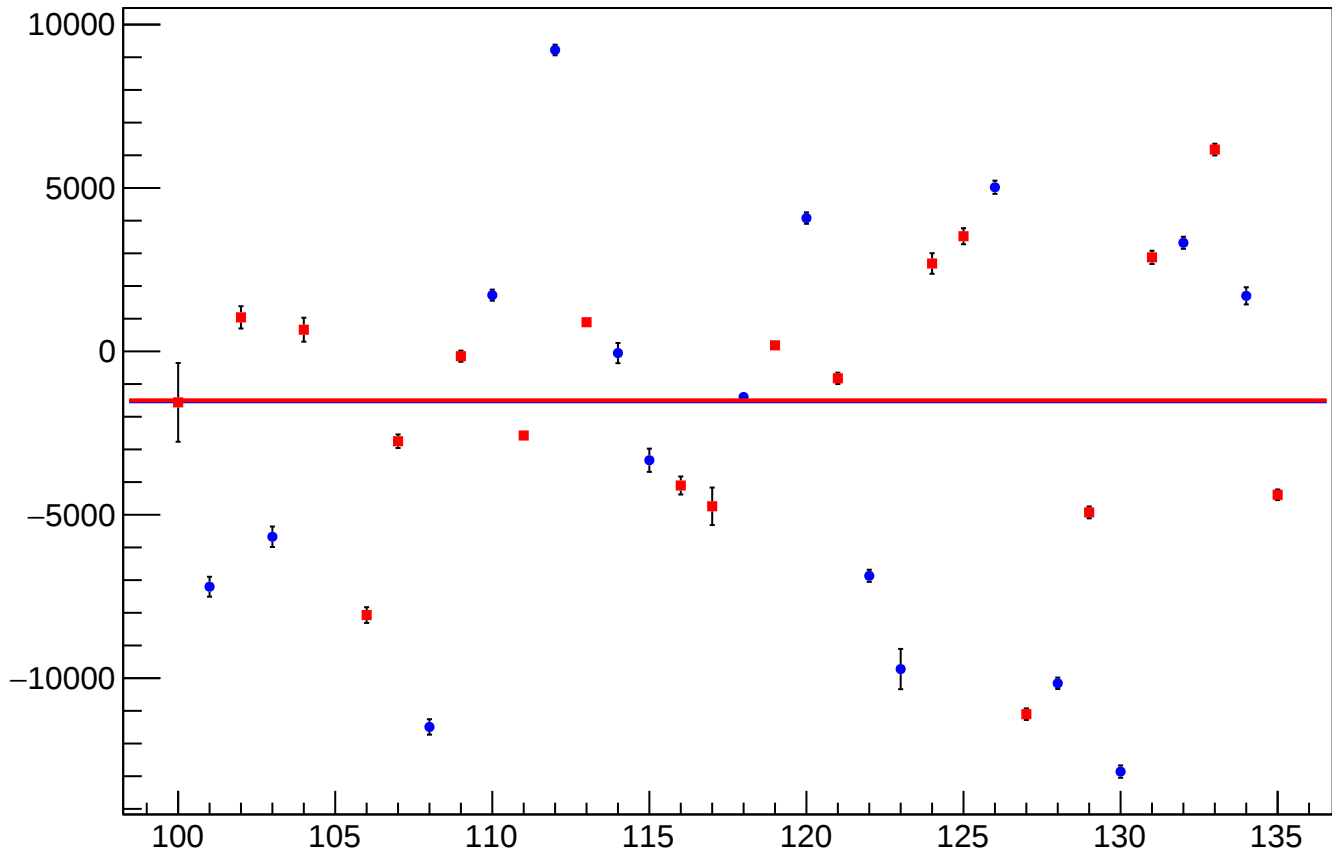
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.142+/-0.036 χ^2/NDF : 741793.9/15

114.112+/-0.024 χ^2/NDF : 1538488.3/34

113.283+/-0.032 χ^2/NDF : 795200.0/18

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1527.485+/-52.130 χ^2/NDF : 17009.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1498.632+/-46.952 χ^2/NDF : 8034.8/18

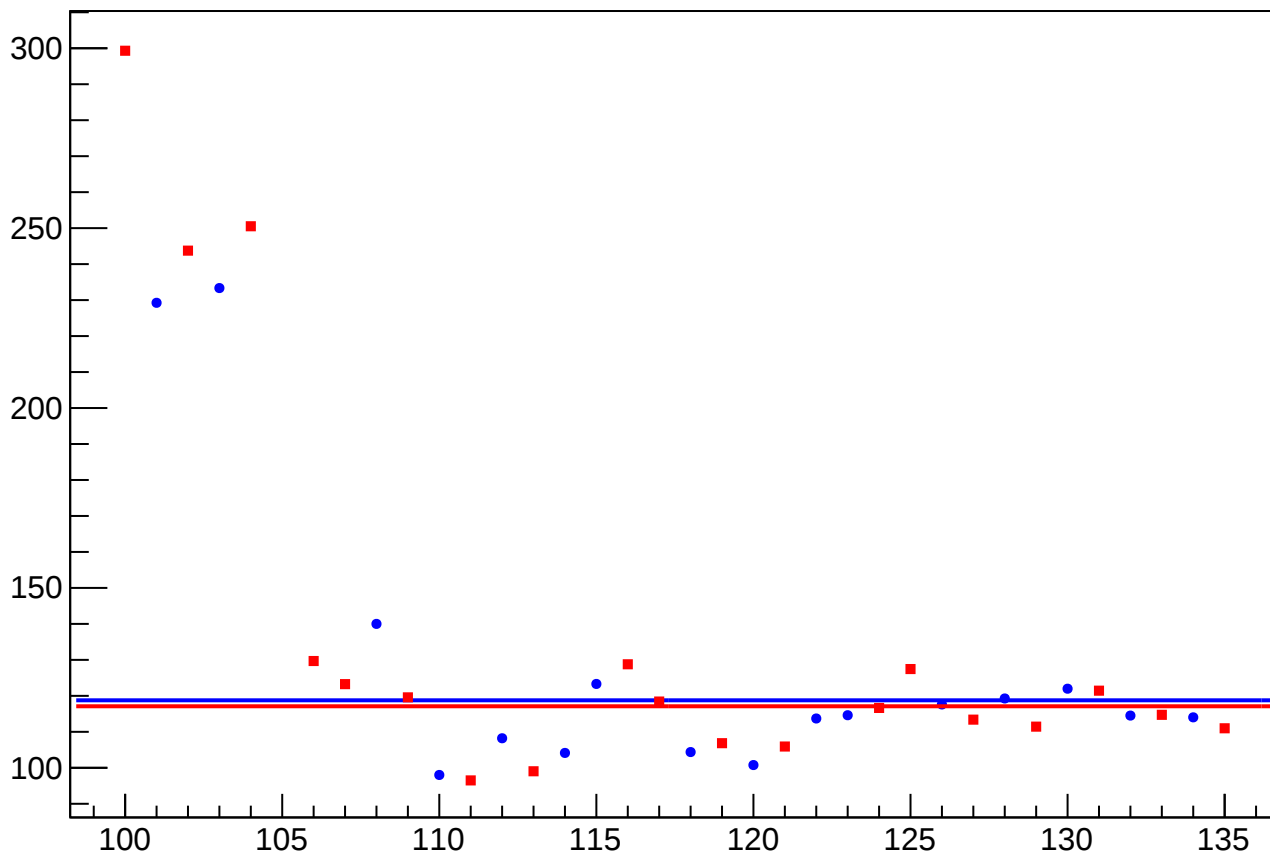
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1527.485+/-52.130 χ^2/NDF : 17009.8/15

-1511.554+/-34.887 χ^2/NDF : 25044.8/34

-1498.632+/-46.952 χ^2/NDF : 8034.8/18

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.762 $\pm$ 0.037 χ^2 /NDF: 634547.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.102 $\pm$ 0.033 χ^2 /NDF: 690577.7/18

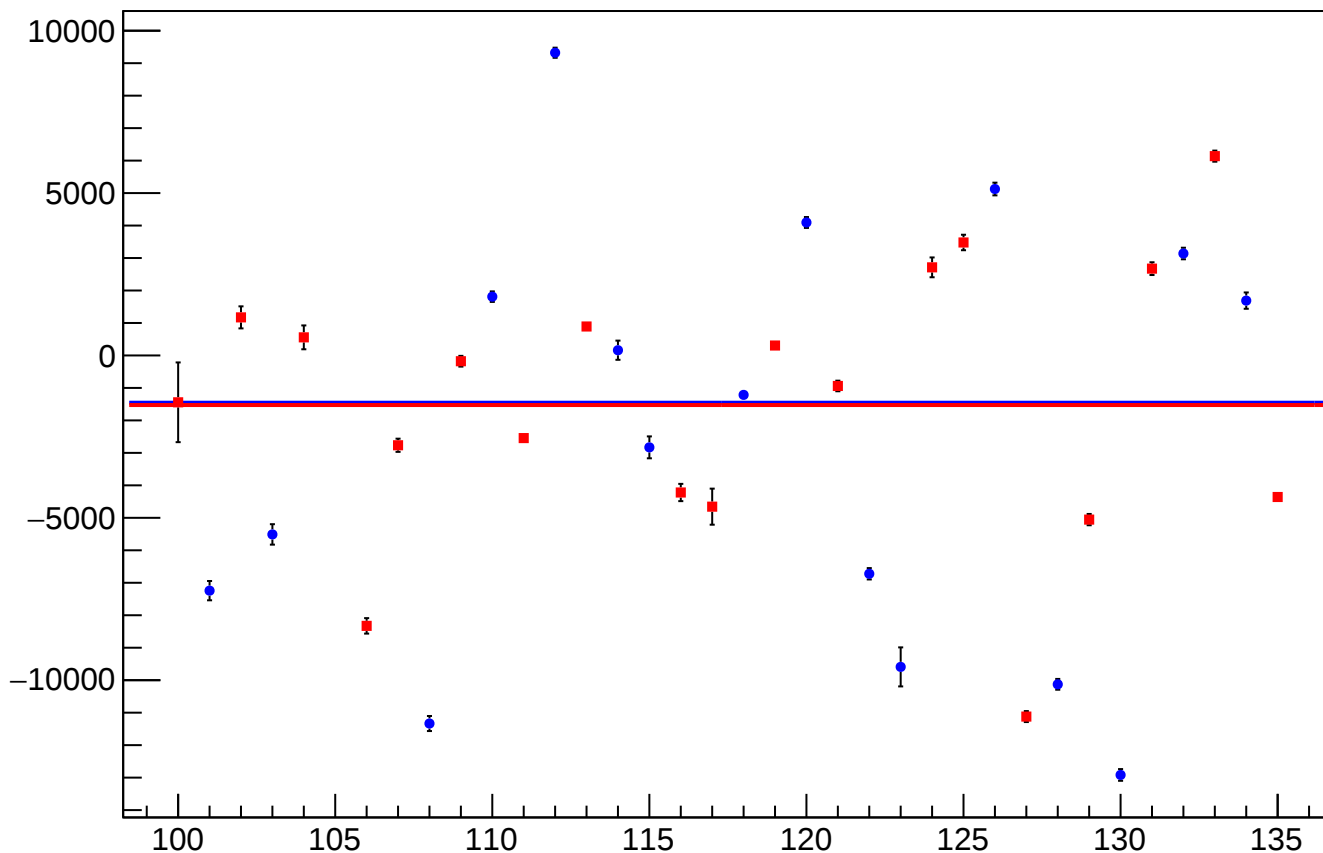
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.762 $\pm$ 0.037 χ^2 /NDF: 634547.3/15

117.846 $\pm$ 0.025 χ^2 /NDF: 1326244.4/34

117.102 $\pm$ 0.033 χ^2 /NDF: 690577.7/18

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1455.654+/-49.993 χ^2 /NDF: 18492.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1526.874+/-44.962 χ^2 /NDF: 8747.3/18

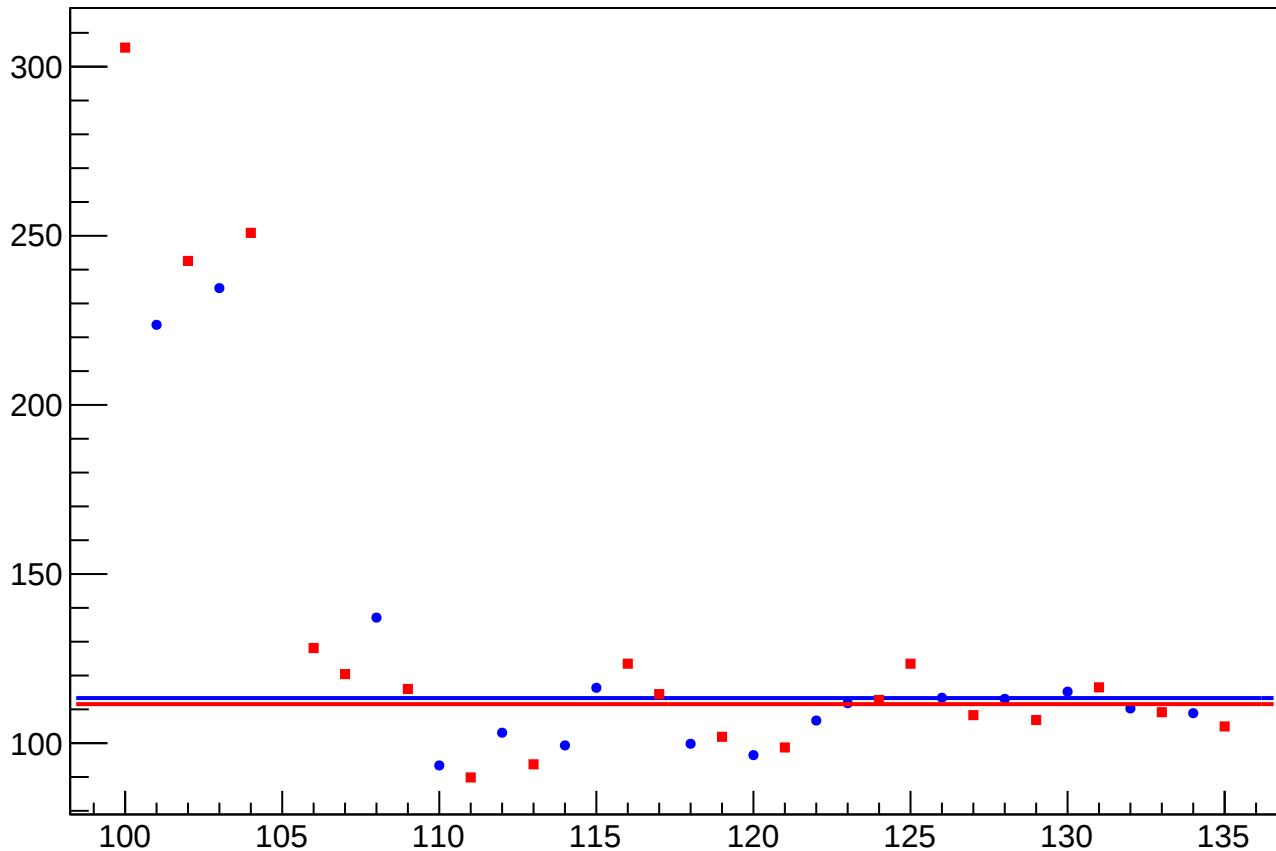
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1455.654+/-49.993 χ^2 /NDF: 18492.0/15

-1495.026+/-33.431 χ^2 /NDF: 27240.4/34

-1526.874+/-44.962 χ^2 /NDF: 8747.3/18

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.337+/-0.035 χ^2/NDF : 679389.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.546+/-0.032 χ^2/NDF : 765550.5/18

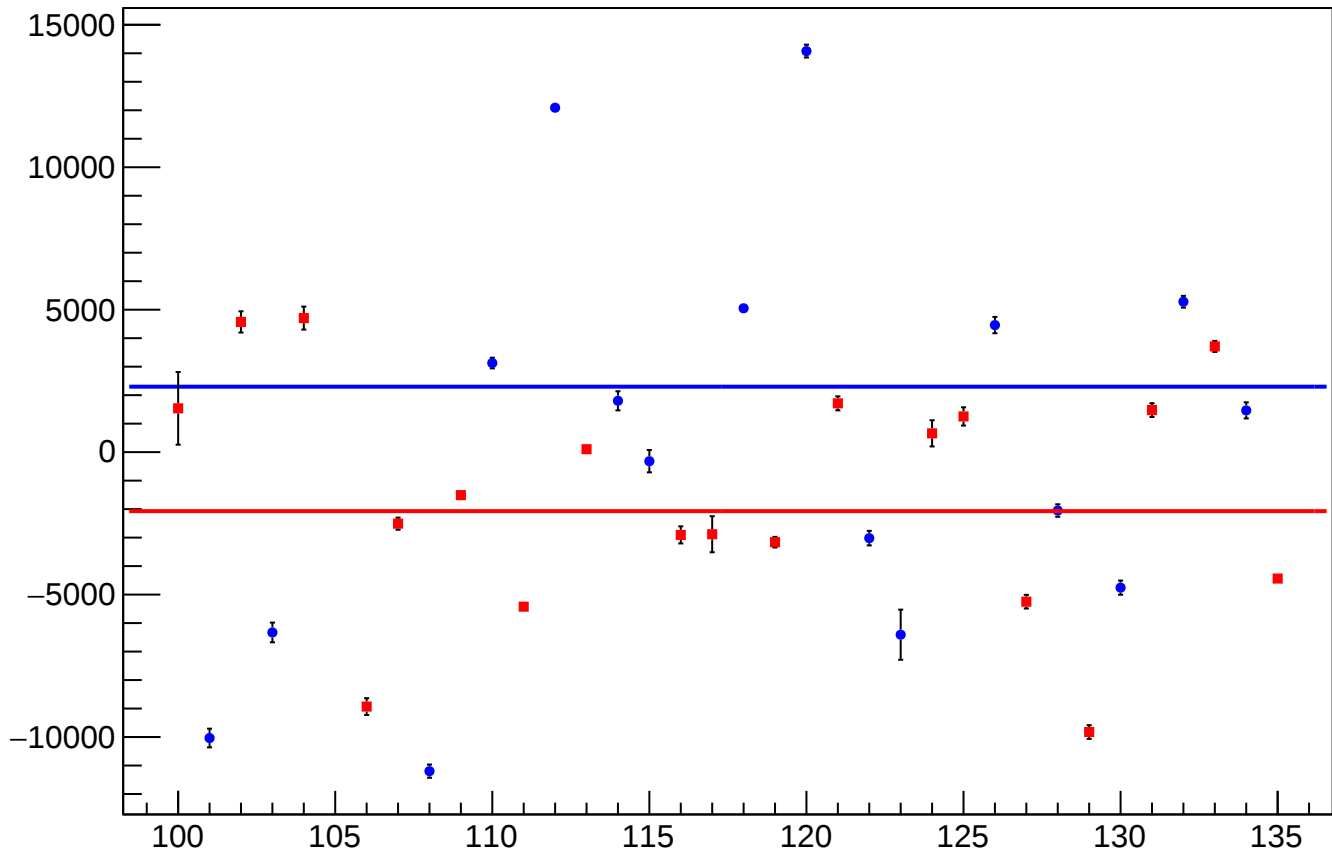
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.337+/-0.035 χ^2/NDF : 679389.5/15

112.347+/-0.024 χ^2/NDF : 1446357.6/34

111.546+/-0.032 χ^2/NDF : 765550.5/18

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2297.930+/-61.228 χ^2/NDF : 13555.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2070.567+/-54.666 χ^2/NDF : 4644.3/18

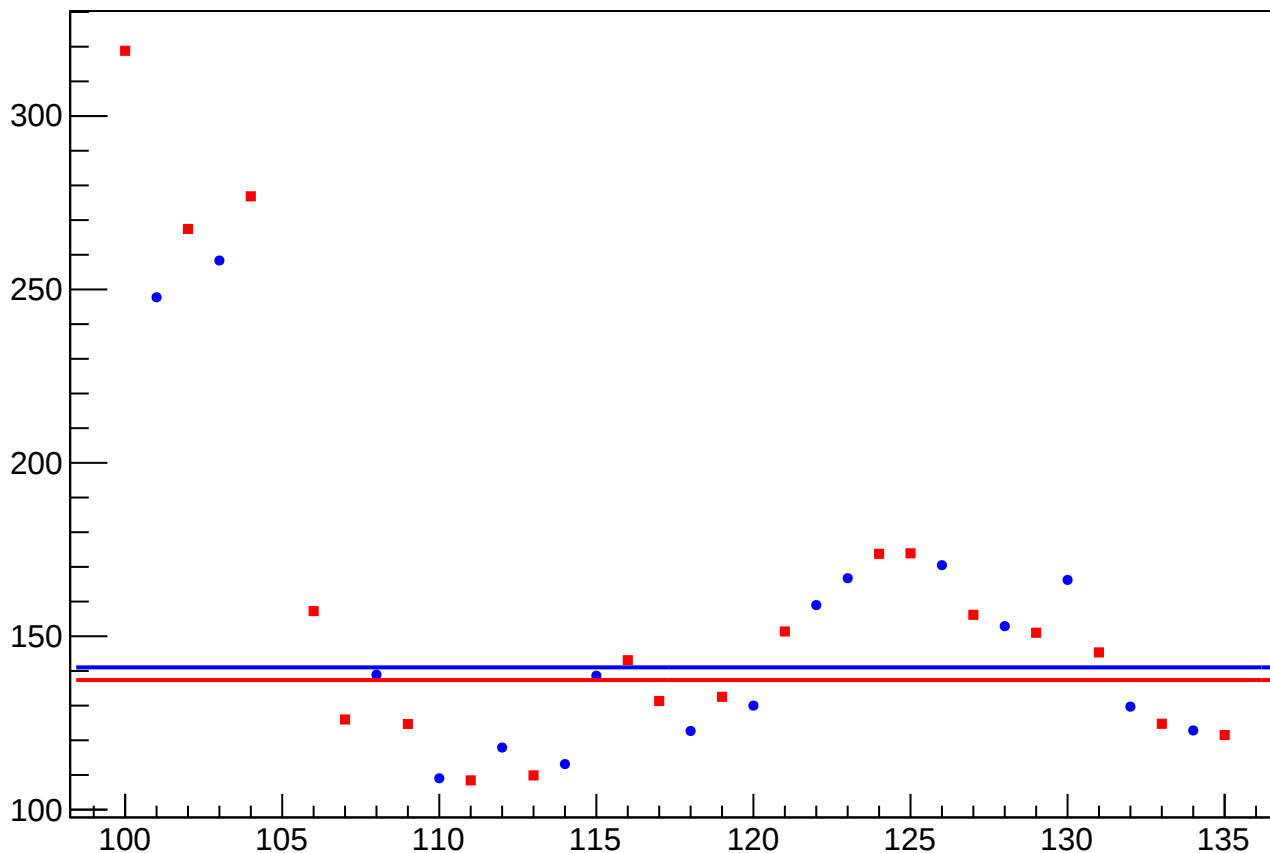
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2297.930+/-61.228 χ^2/NDF : 13555.7/15

-132.856+/-40.778 χ^2/NDF : 21032.6/34

-2070.567+/-54.666 χ^2/NDF : 4644.3/18

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.030+/-0.043 χ^2/NDF : 648510.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.377+/-0.039 χ^2/NDF : 753124.0/18

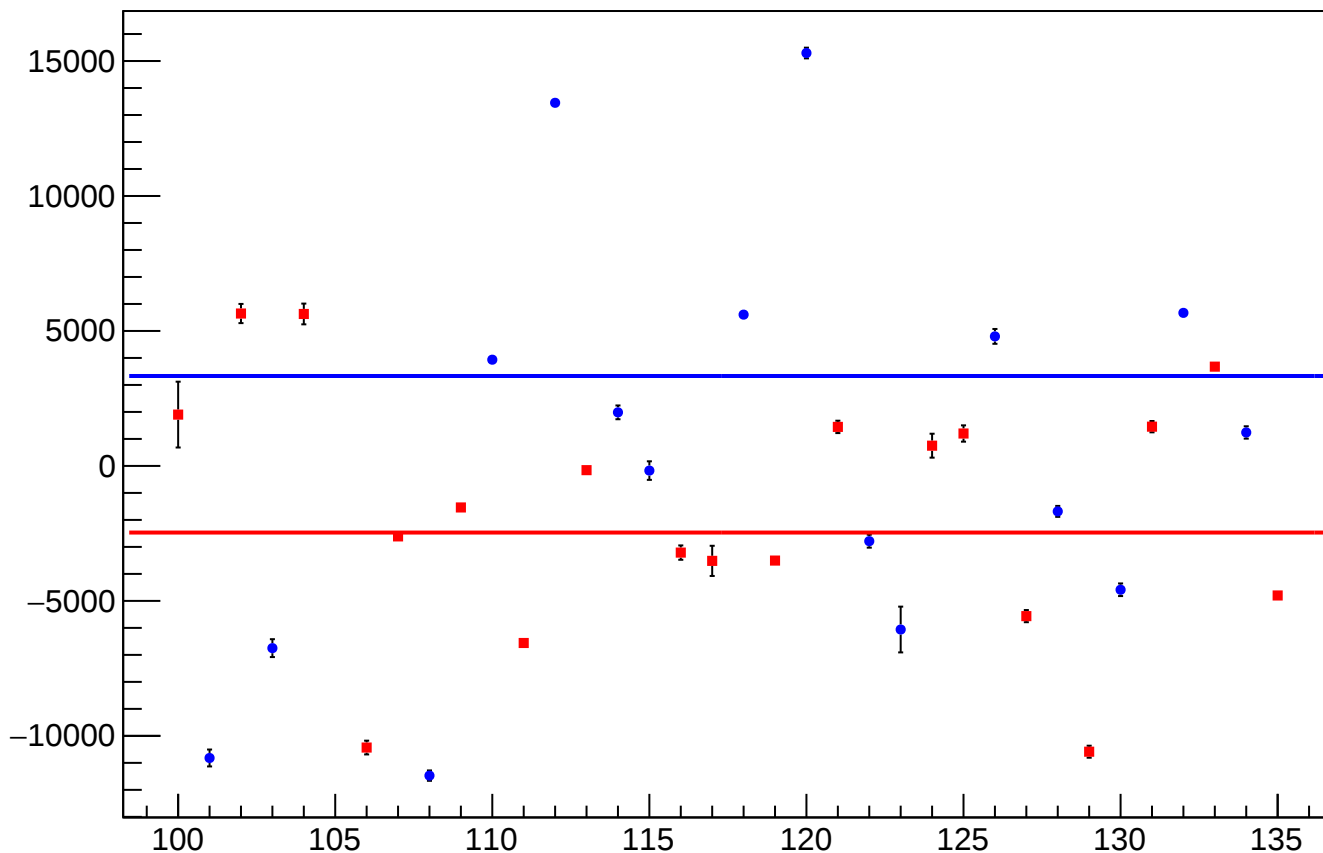
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.030+/-0.043 χ^2/NDF : 648510.5/15

138.997+/-0.029 χ^2/NDF : 1405596.0/34

137.377+/-0.039 χ^2/NDF : 753124.0/18

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3331.558 ± 51.352 χ^2/NDF : 21574.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2468.039 ± 44.972 χ^2/NDF : 7675.2/18

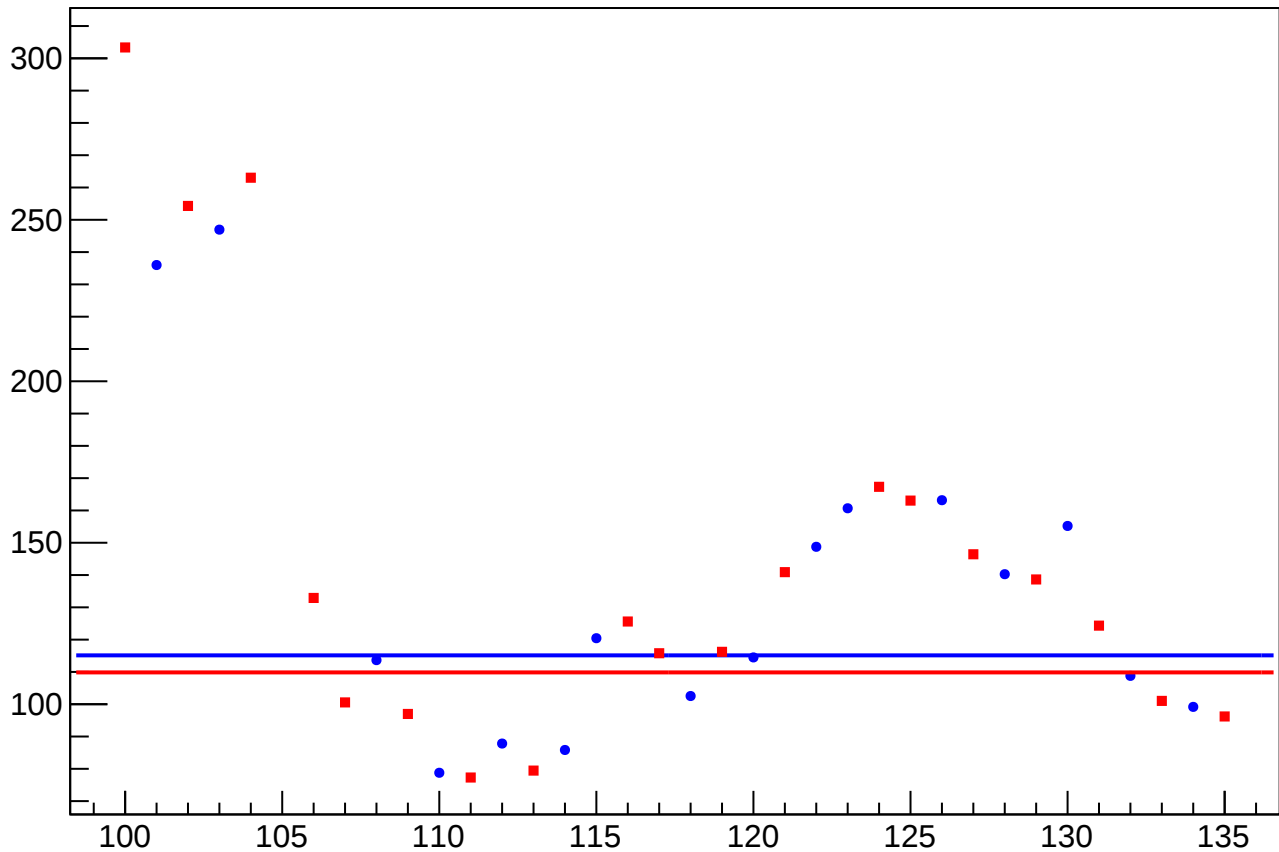
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3331.558 ± 51.352 χ^2/NDF : 21574.2/15

49.293 ± 33.832 χ^2/NDF : 36468.1/34

-2468.039 ± 44.972 χ^2/NDF : 7675.2/18

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 115.131+/-0.036 χ^2/NDF : 1090090.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.852+/-0.032 χ^2/NDF : 1266505.8/18

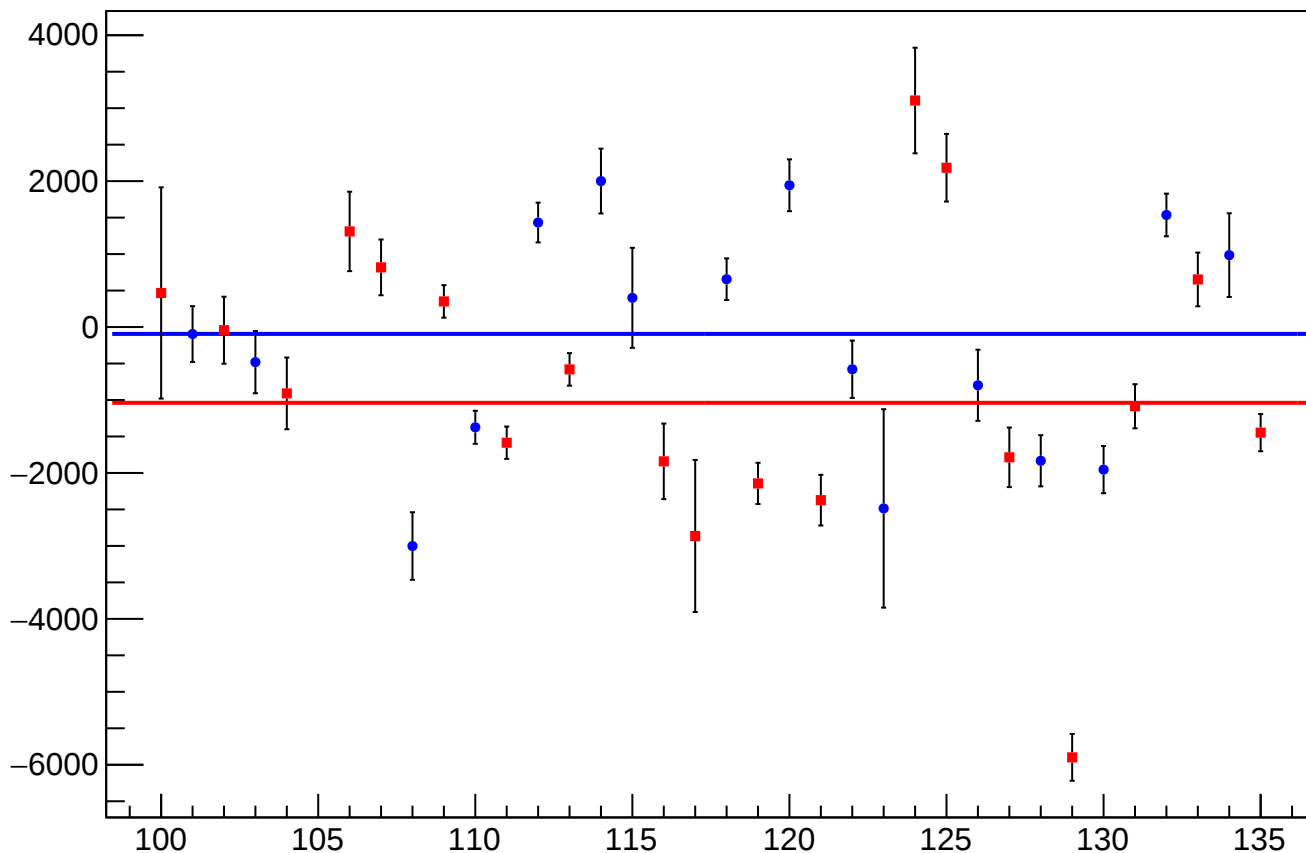
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.131+/-0.036 χ^2/NDF : 1090090.9/15

112.143+/-0.024 χ^2/NDF : 2368557.8/34

109.852+/-0.032 χ^2/NDF : 1266505.8/18

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -93.991+/-90.909 χ^2 /NDF: 265.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1038.545+/-78.673 χ^2 /NDF: 470.0/18

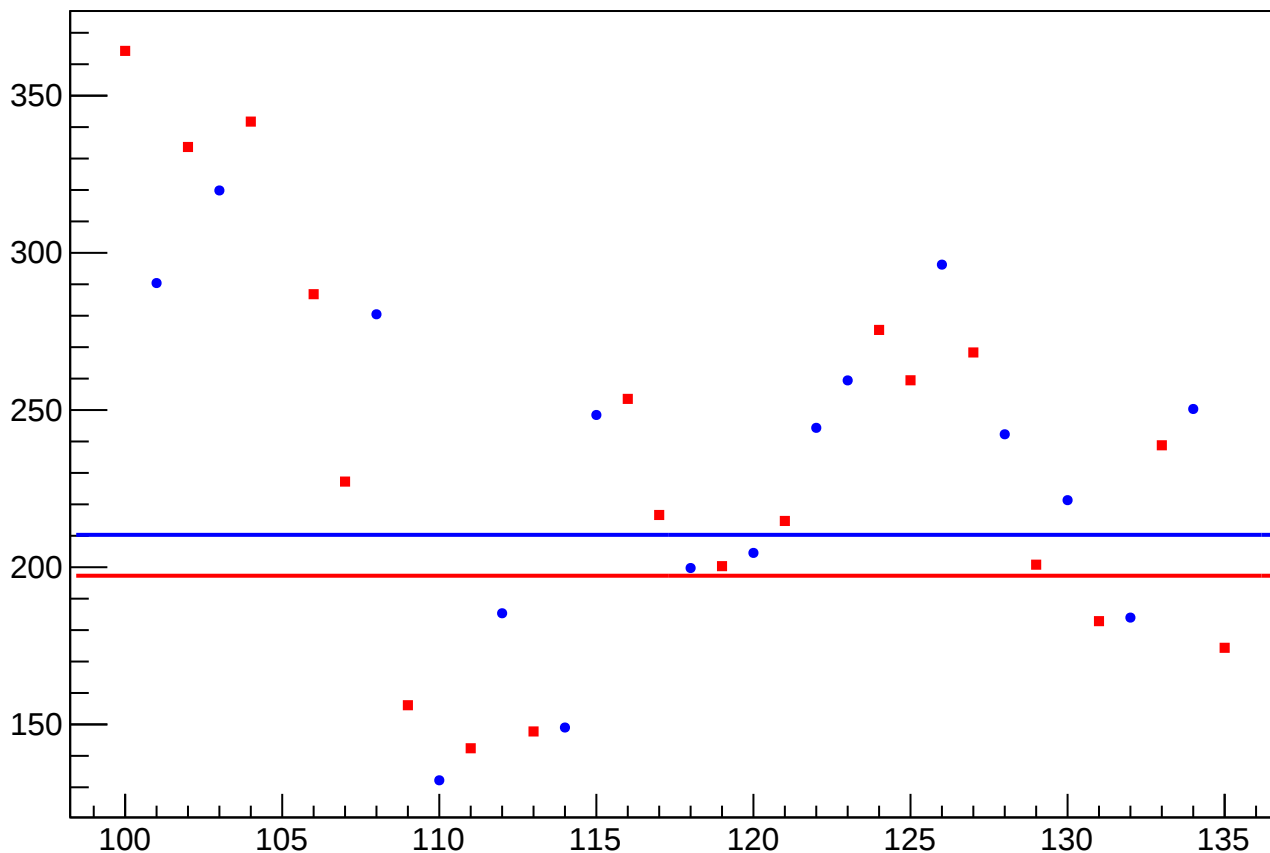
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-93.991+/-90.909 χ^2 /NDF: 265.1/15

-634.067+/-59.489 χ^2 /NDF: 796.9/34

-1038.545+/-78.673 χ^2 /NDF: 470.0/18

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 210.300 $\pm$ 0.064 χ^2 /NDF: 691943.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 197.296 $\pm$ 0.056 χ^2 /NDF: 927288.7/18

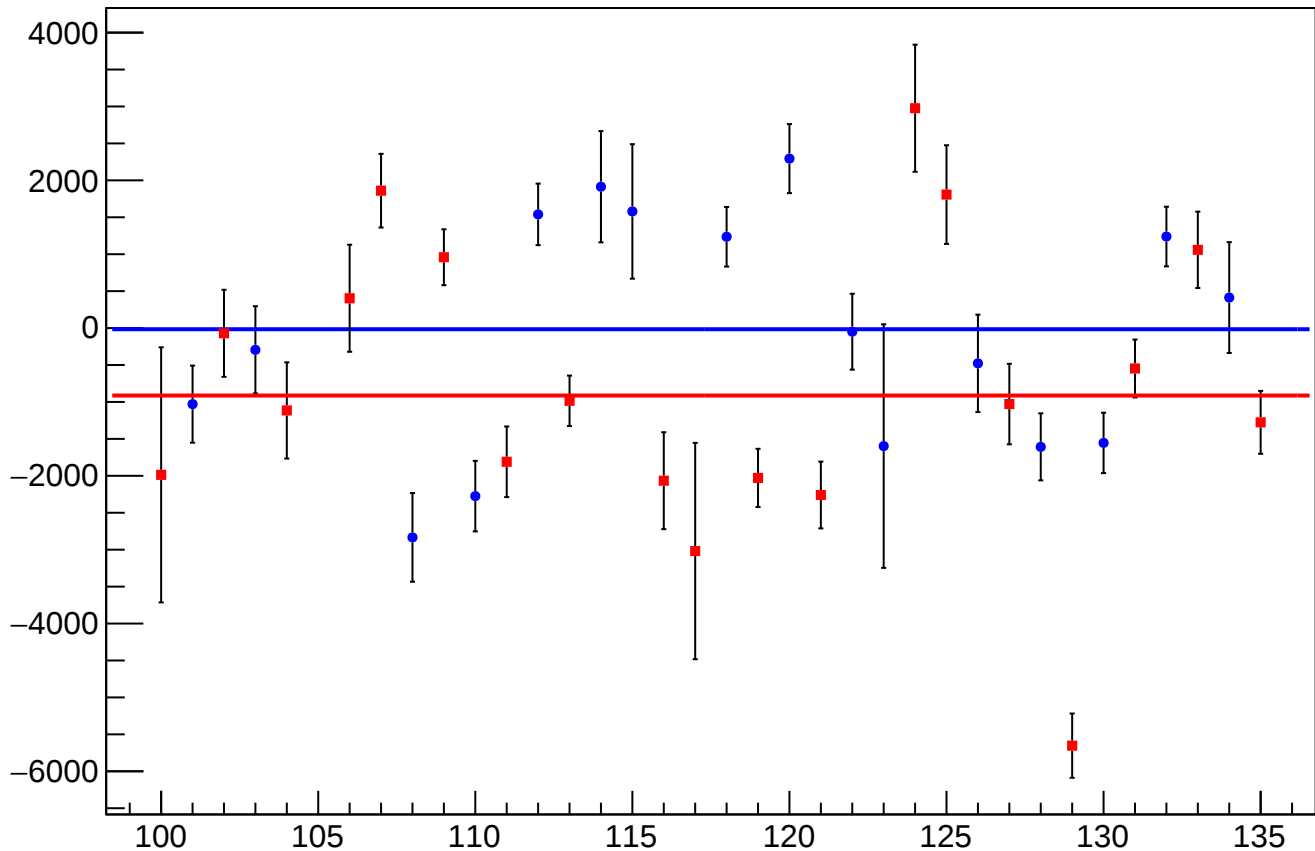
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

210.300 $\pm$ 0.064 χ^2 /NDF: 691943.3/15

202.865 $\pm$ 0.042 χ^2 /NDF: 1642632.3/34

197.296 $\pm$ 0.056 χ^2 /NDF: 927288.7/18

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -15.514 ± 130.915 χ^2/NDF : 143.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -912.890 ± 116.591 χ^2/NDF : 258.7/18

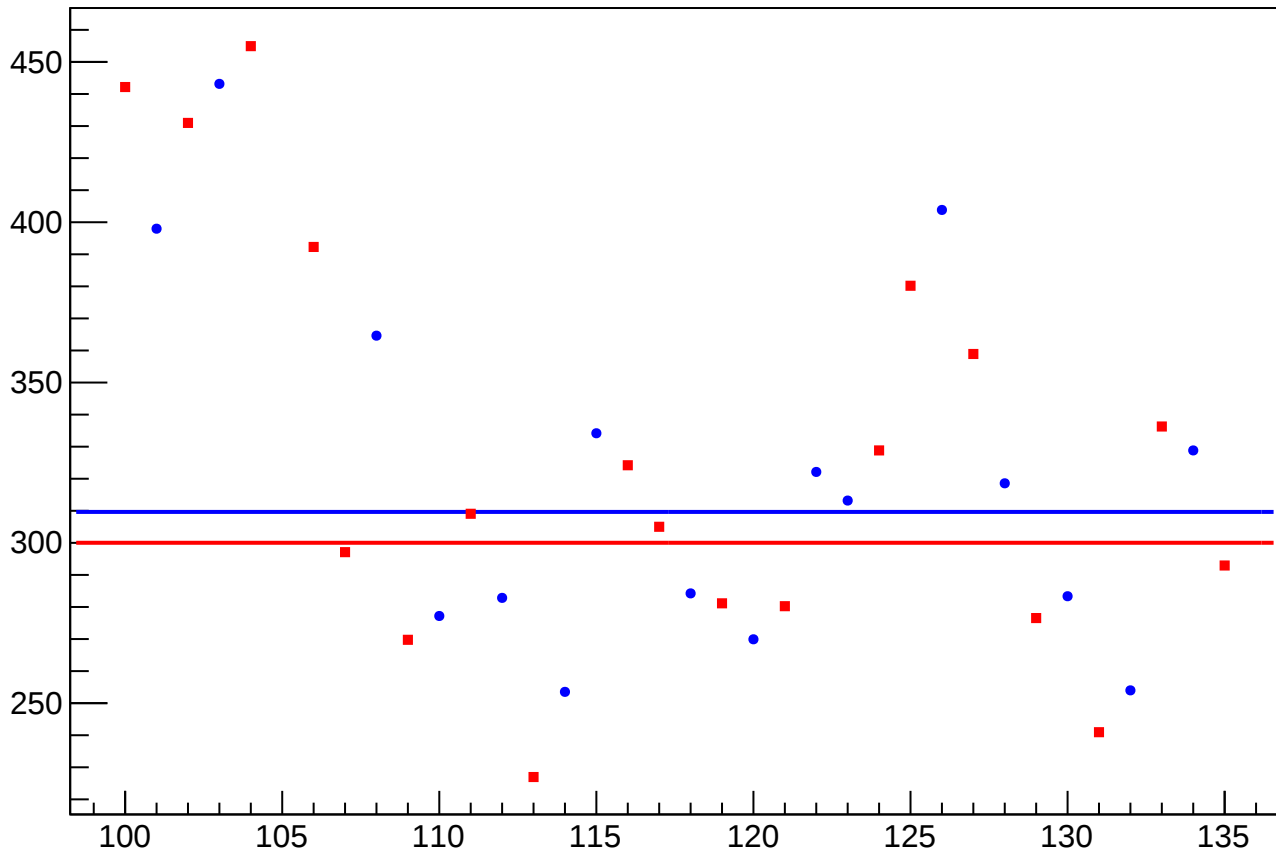
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.514 ± 130.915 χ^2/NDF : 143.9/15

-515.963 ± 87.068 χ^2/NDF : 428.8/34

-912.890 ± 116.591 χ^2/NDF : 258.7/18

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 309.650+/-0.093 χ^2/NDF : 319158.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.026+/-0.082 χ^2/NDF : 490392.0/18

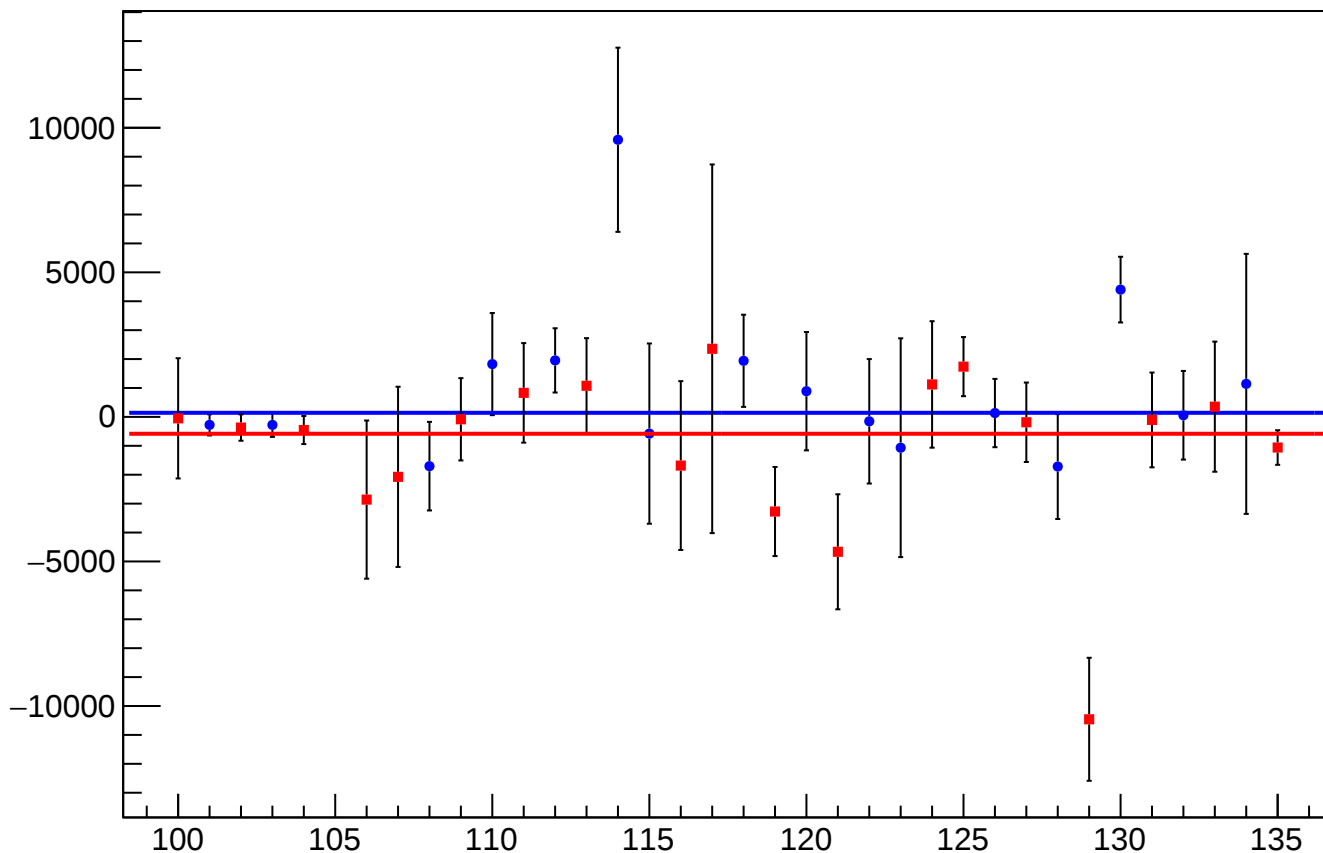
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

309.650+/-0.093 χ^2/NDF : 319158.7/15

304.283+/-0.062 χ^2/NDF : 815578.8/34

300.026+/-0.082 χ^2/NDF : 490392.0/18

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 141.945+/-234.200 χ^2/NDF : 32.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -583.478+/-243.887 χ^2/NDF : 39.0/18

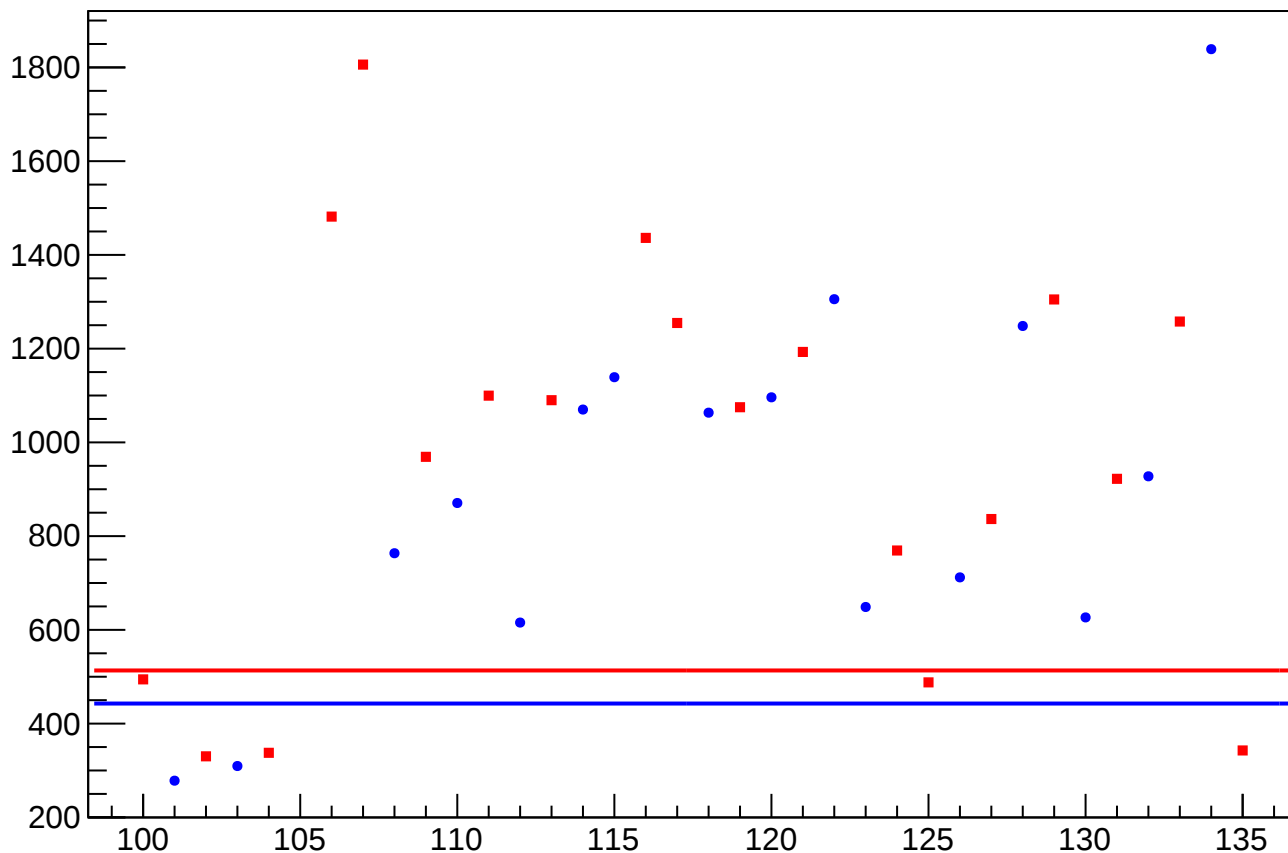
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.945+/-234.200 χ^2/NDF : 32.9/15

-206.074+/-168.925 χ^2/NDF : 76.5/34

-583.478+/-243.887 χ^2/NDF : 39.0/18

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 442.814+/-0.166 χ^2/NDF : 2818993.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.393+/-0.172 χ^2/NDF : 3509824.7/18

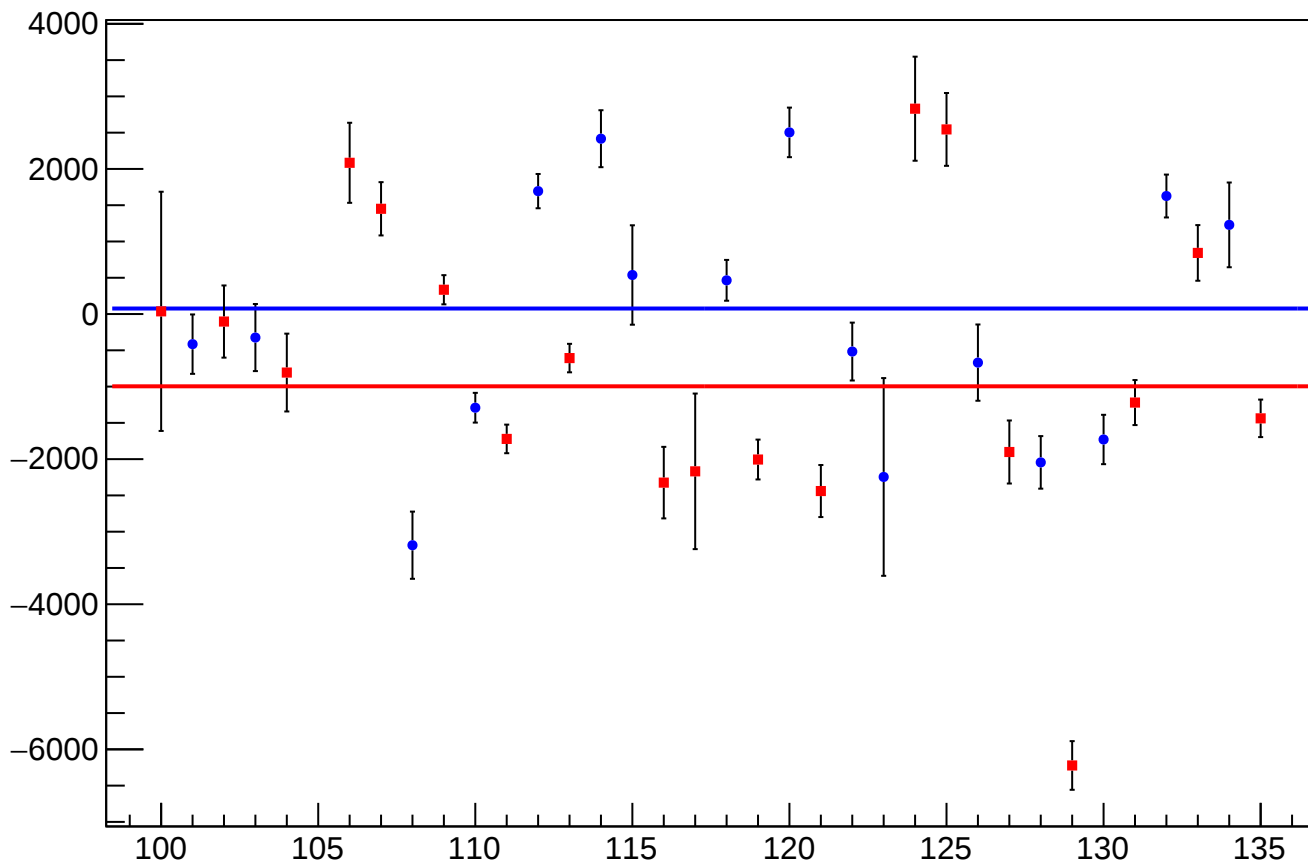
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

442.814+/-0.166 χ^2/NDF : 2818993.4/15

476.674+/-0.119 χ^2/NDF : 6415956.9/34

513.393+/-0.172 χ^2/NDF : 3509824.7/18

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 76.099+/-88.410 χ^2 /NDF: 332.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -996.165+/-75.965 χ^2 /NDF: 530.6/18

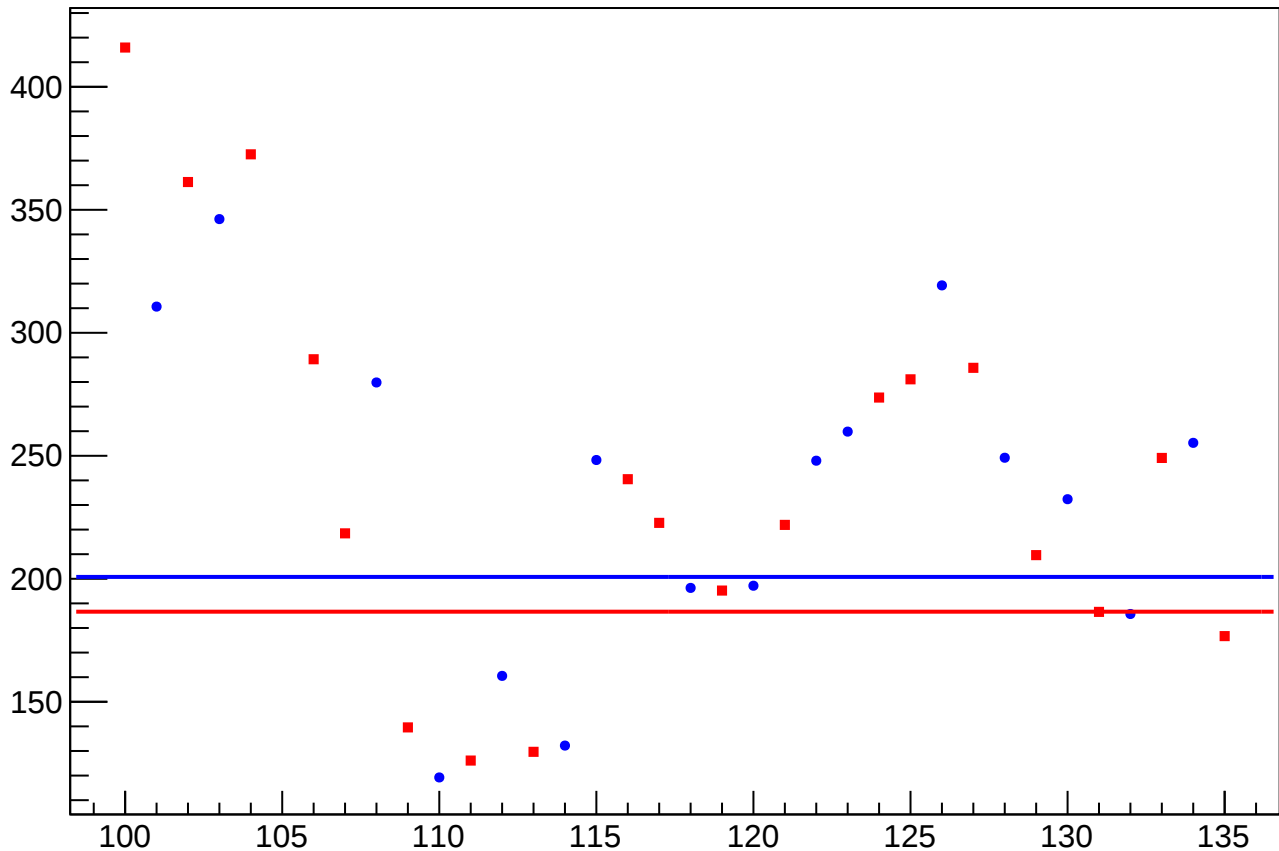
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

76.099+/-88.410 χ^2 /NDF: 332.6/15

-540.755+/-57.617 χ^2 /NDF: 947.8/34

-996.165+/-75.965 χ^2 /NDF: 530.6/18

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.625 $\pm$ 0.054 χ^2 /NDF: 1393821.1/18

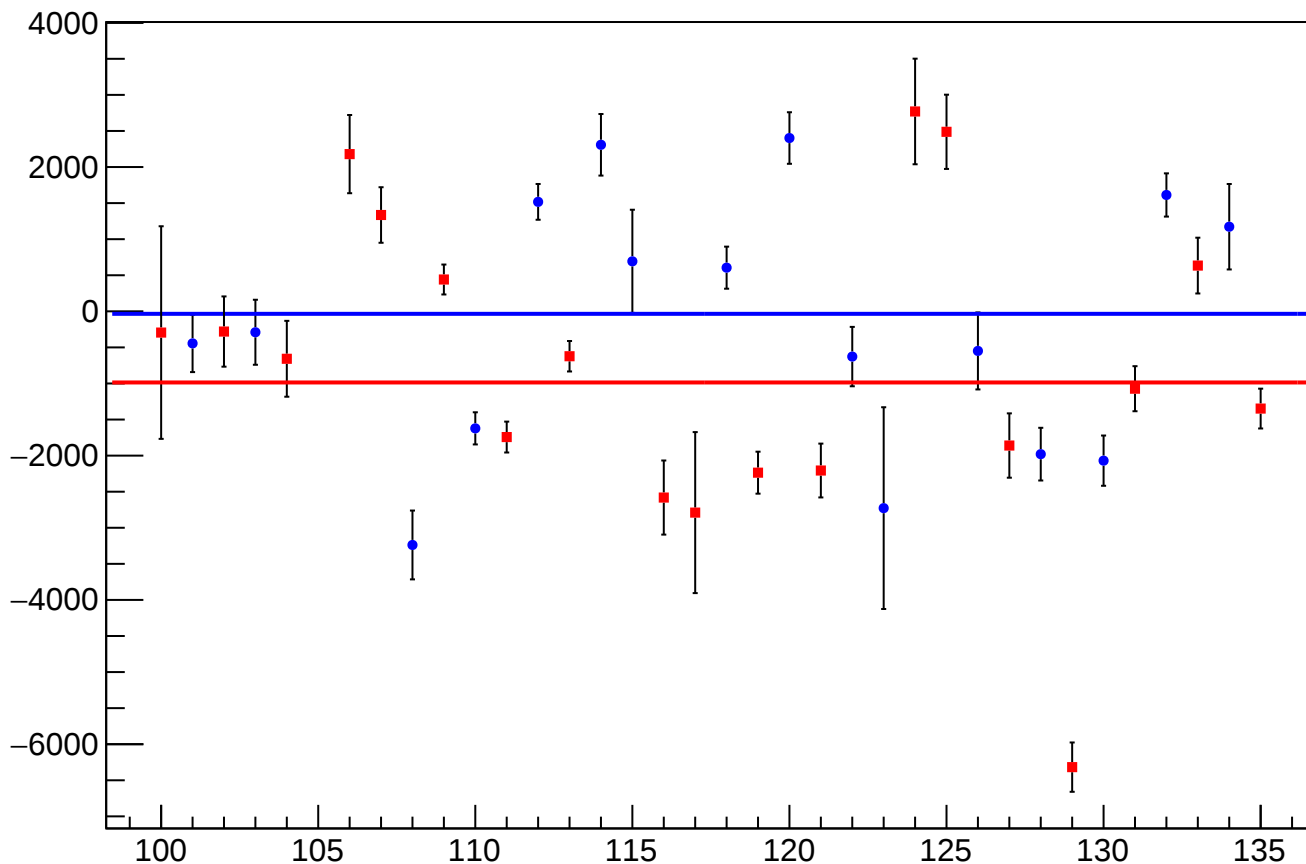
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

200.762 $\pm$ 0.063 χ^2 /NDF: 1055212.2/15

192.629 $\pm$ 0.041 χ^2 /NDF: 2478449.1/34

186.625 $\pm$ 0.054 χ^2 /NDF: 1393821.1/18

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -34.655+/-91.770 χ^2 /NDF: 322.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -986.000+/-79.340 χ^2 /NDF: 515.8/18

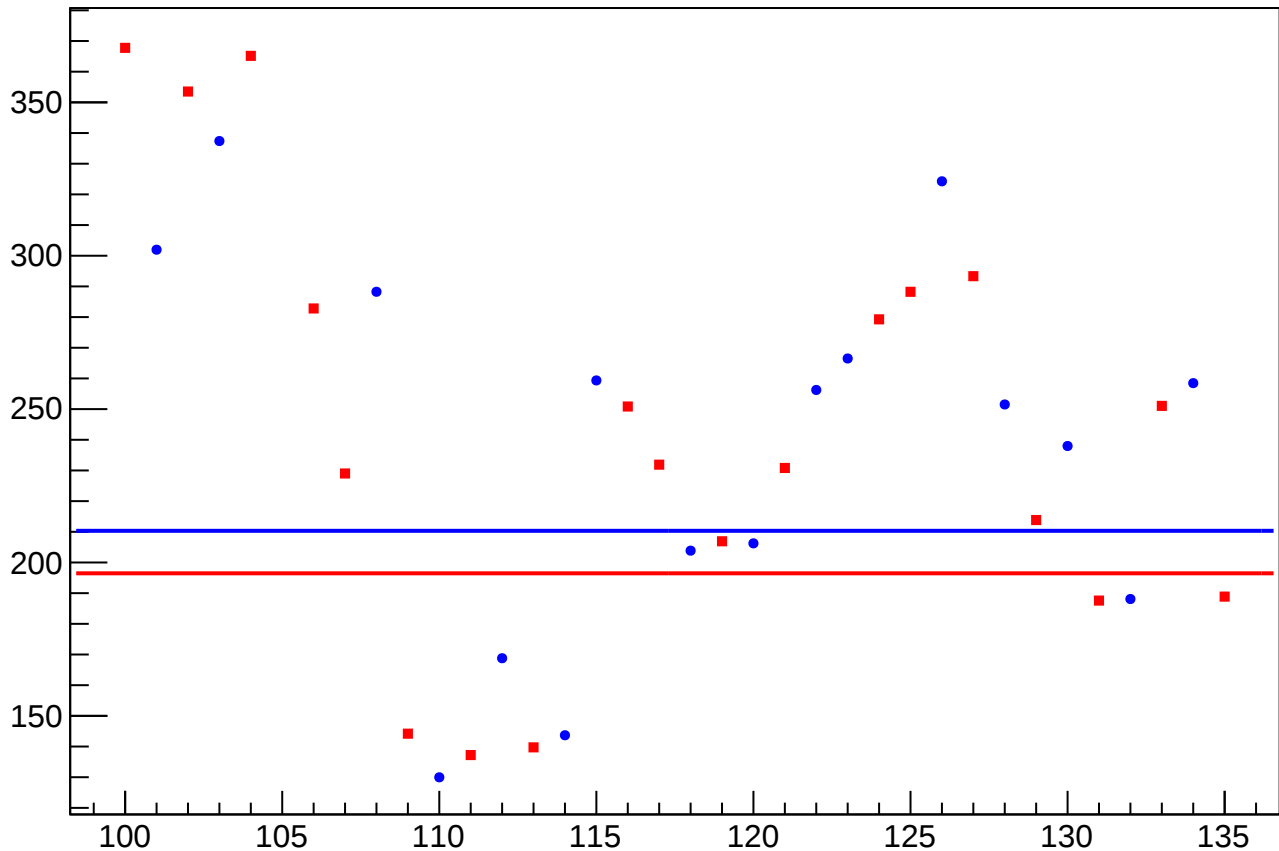
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-34.655+/-91.770 χ^2 /NDF: 322.5/15

-579.074+/-60.019 χ^2 /NDF: 899.8/34

-986.000+/-79.340 χ^2 /NDF: 515.8/18

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.324 ± 0.065 χ^2/NDF : 875603.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 196.471 ± 0.056 χ^2/NDF : 1206471.4/18

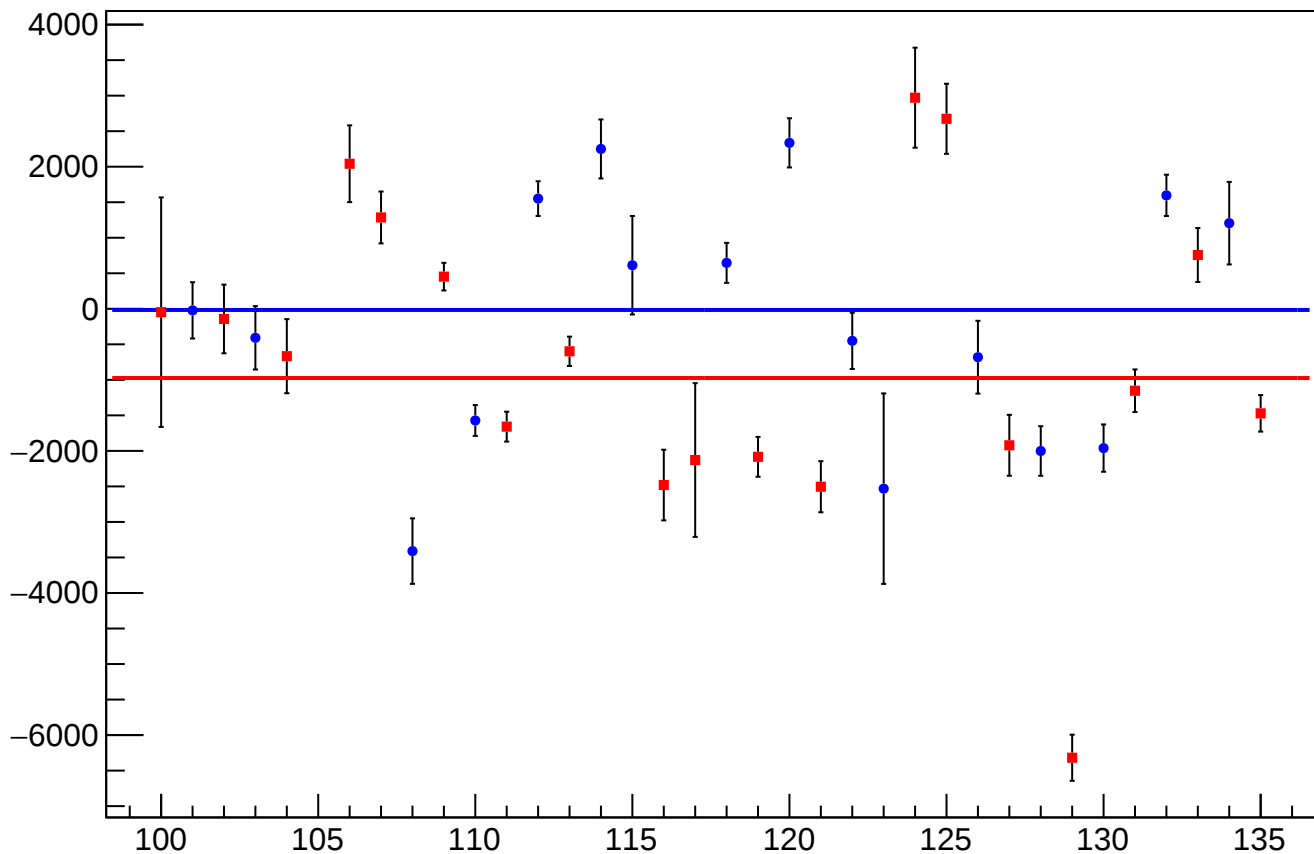
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

210.324 ± 0.065 χ^2/NDF : 875603.1/15

202.396 ± 0.042 χ^2/NDF : 2108155.3/34

196.471 ± 0.056 χ^2/NDF : 1206471.4/18

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -16.371+/-89.216 χ^2 /NDF: 337.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -974.325+/-76.407 χ^2 /NDF: 571.9/18

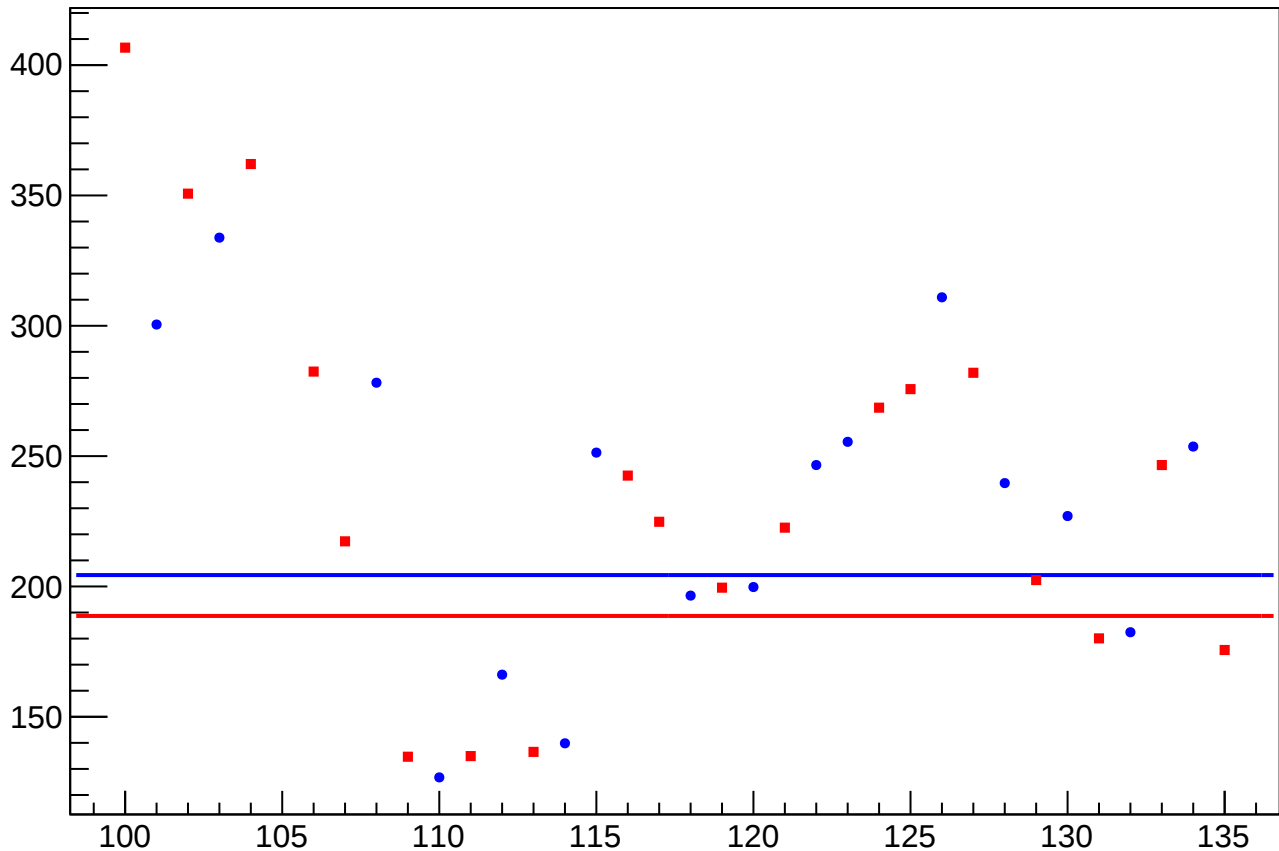
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-16.371+/-89.216 χ^2 /NDF: 337.8/15

-568.995+/-58.033 χ^2 /NDF: 976.2/34

-974.325+/-76.407 χ^2 /NDF: 571.9/18

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.367+/-0.063 χ^2/NDF : 868242.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.687+/-0.054 χ^2/NDF : 1252983.4/18

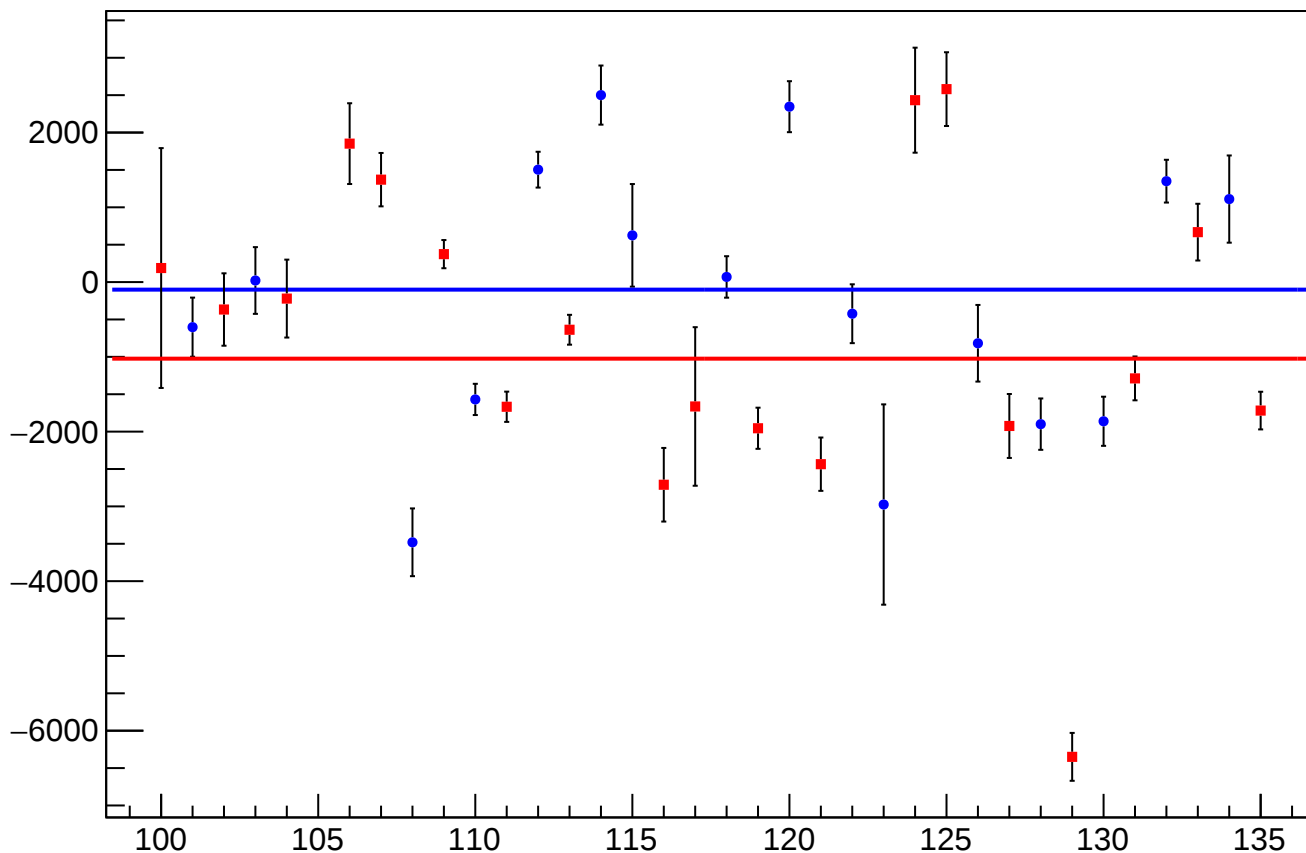
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.367+/-0.063 χ^2/NDF : 868242.4/15

195.322+/-0.041 χ^2/NDF : 2156862.4/34

188.687+/-0.054 χ^2/NDF : 1252983.4/18

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -101.040+/-87.536 χ^2/NDF : 341.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.246+/-74.737 χ^2/NDF : 573.0/18

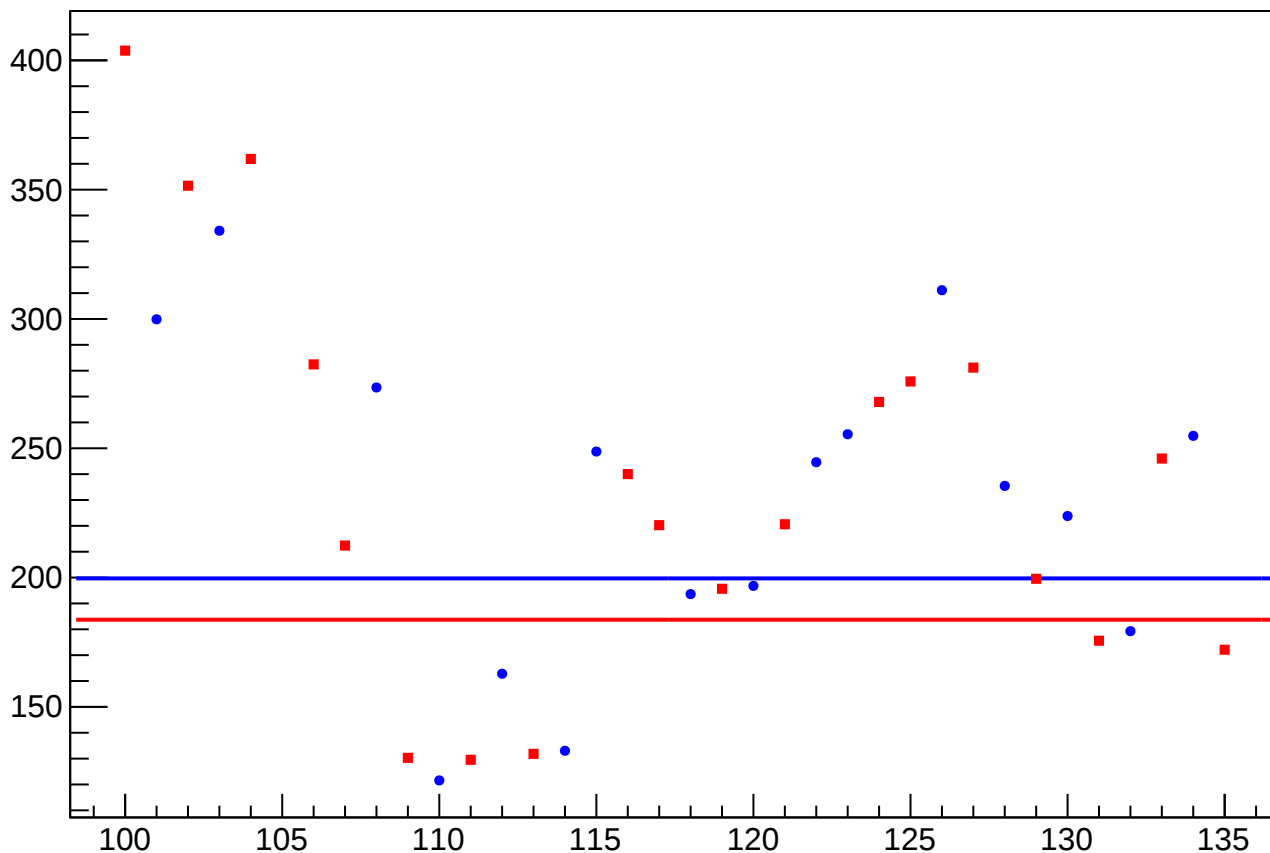
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-101.040+/-87.536 χ^2/NDF : 341.3/15

-635.008+/-56.839 χ^2/NDF : 978.7/34

-1024.246+/-74.737 χ^2/NDF : 573.0/18

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.683+/-0.062 χ^2/NDF : 943154.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.710+/-0.053 χ^2/NDF : 1350989.4/18

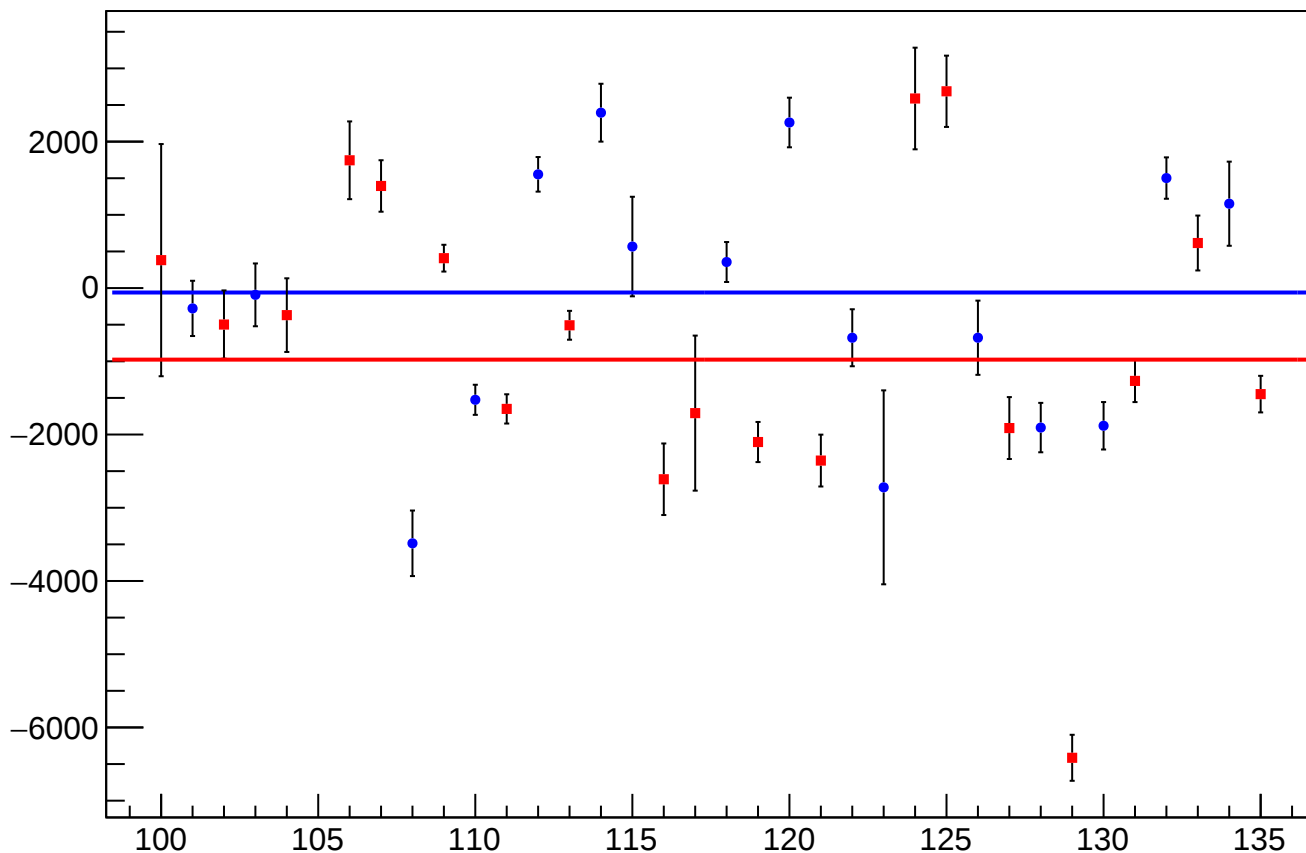
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.683+/-0.062 χ^2/NDF : 943154.7/15

190.445+/-0.040 χ^2/NDF : 2332662.4/34

183.710+/-0.053 χ^2/NDF : 1350989.4/18

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -60.571+/-86.165 χ^2 /NDF: 349.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -977.170+/-73.563 χ^2 /NDF: 603.2/18

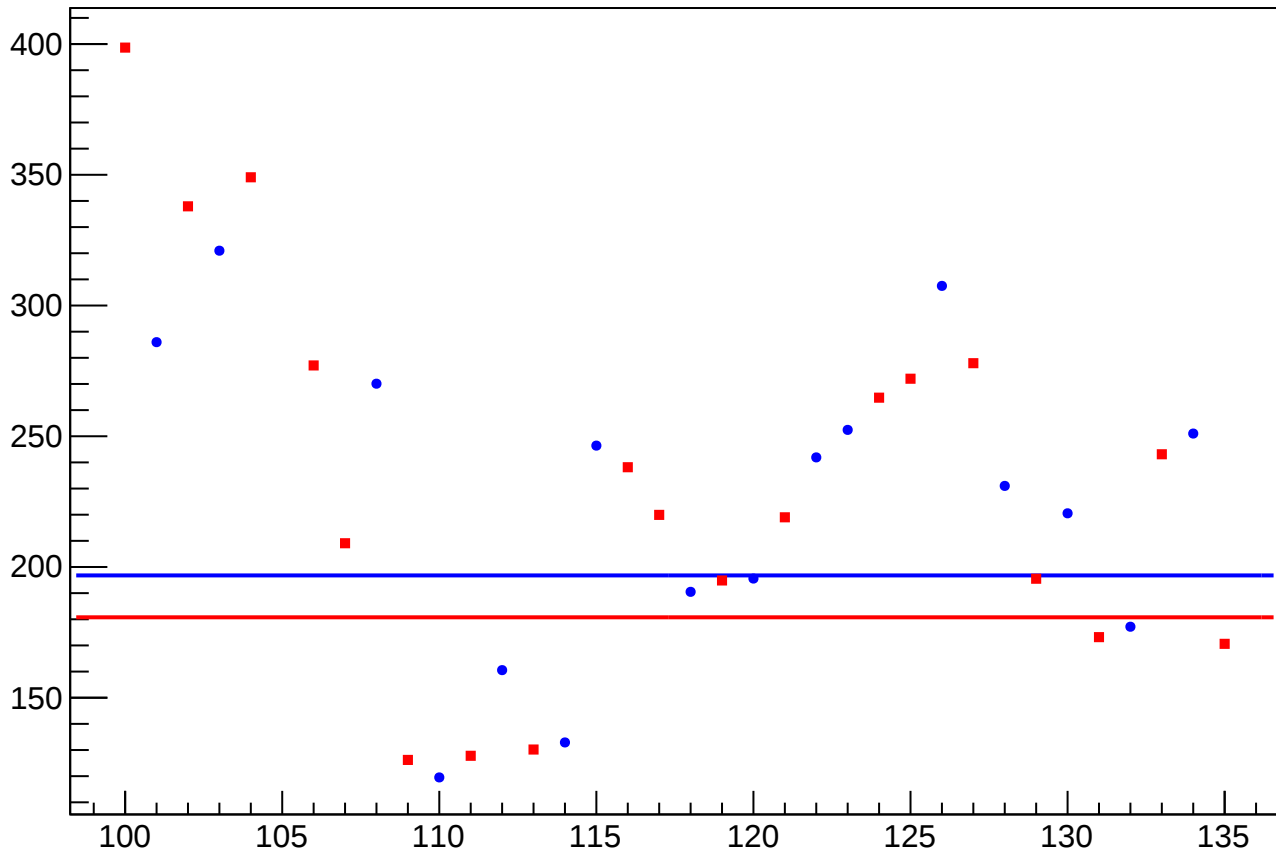
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-60.571+/-86.165 χ^2 /NDF: 349.7/15

-590.738+/-55.947 χ^2 /NDF: 1018.4/34

-977.170+/-73.563 χ^2 /NDF: 603.2/18

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 196.777 $\pm$ 0.061 χ^2 /NDF: 911812.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 180.756 $\pm$ 0.052 χ^2 /NDF: 1346840.5/18

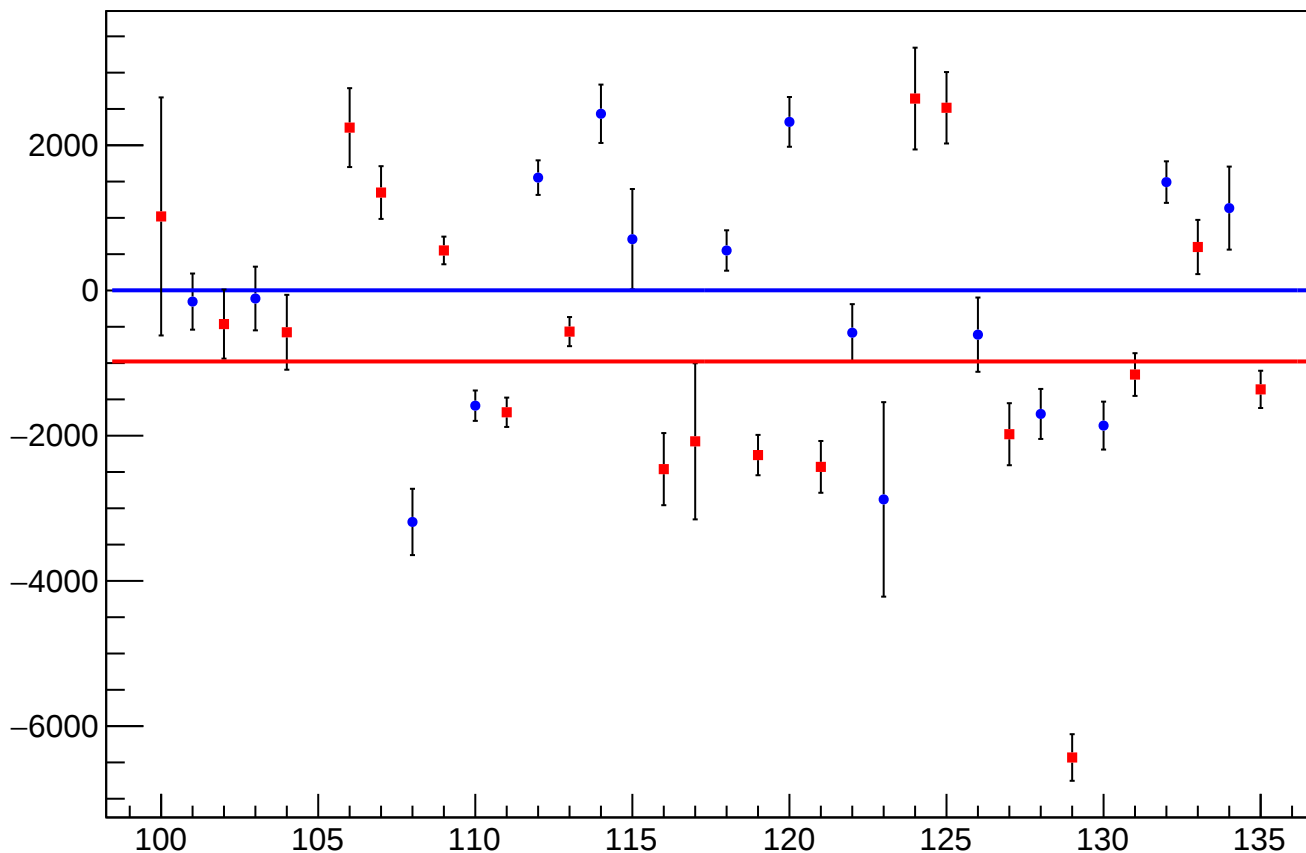
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.777 $\pm$ 0.061 χ^2 /NDF: 911812.1/15

187.510 $\pm$ 0.040 χ^2 /NDF: 2298649.6/34

180.756 $\pm$ 0.052 χ^2 /NDF: 1346840.5/18

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 2.212 ± 87.500 χ^2/NDF : 332.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -977.637 ± 75.068 χ^2/NDF : 600.0/18

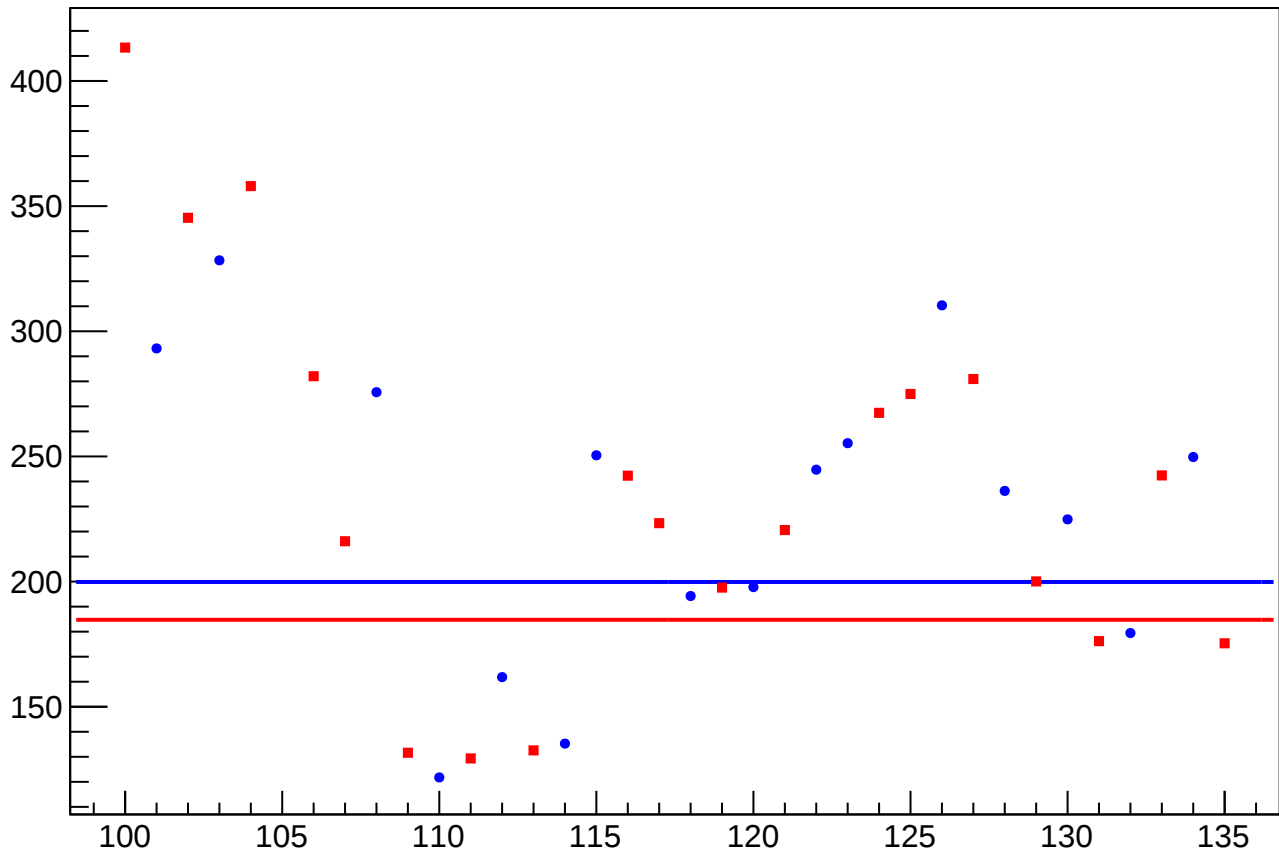
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.212 ± 87.500 χ^2/NDF : 332.2/15

-562.207 ± 56.974 χ^2/NDF : 1004.4/34

-977.637 ± 75.068 χ^2/NDF : 600.0/18

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 199.854+/-0.062 χ^2/NDF : 918211.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.737+/-0.053 χ^2/NDF : 1319997.2/18

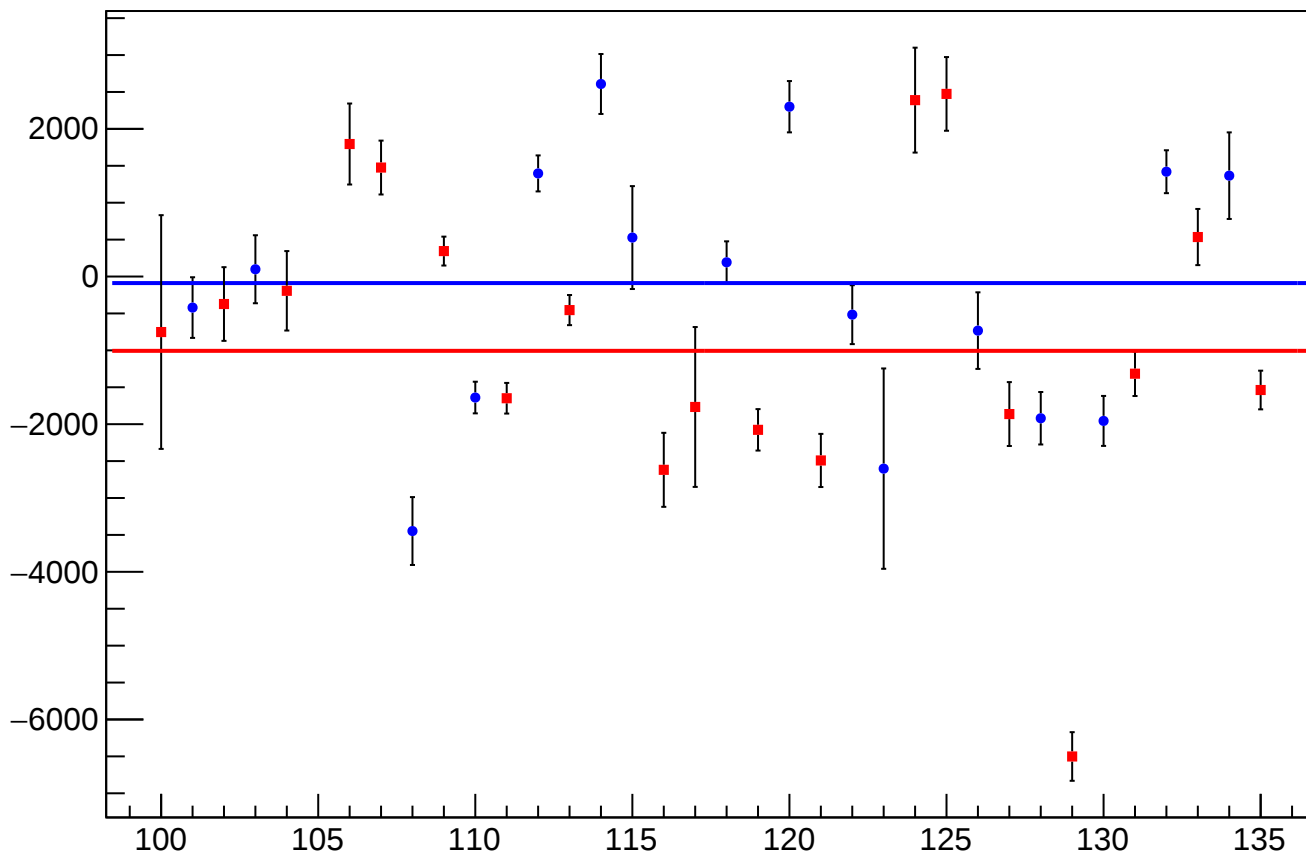
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.854+/-0.062 χ^2/NDF : 918211.3/15

191.146+/-0.040 χ^2/NDF : 2272594.5/34

184.737+/-0.053 χ^2/NDF : 1319997.2/18

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -88.632 $\pm$ 89.544 χ^2 /NDF: 332.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1006.588 $\pm$ 76.641 χ^2 /NDF: 558.5/18

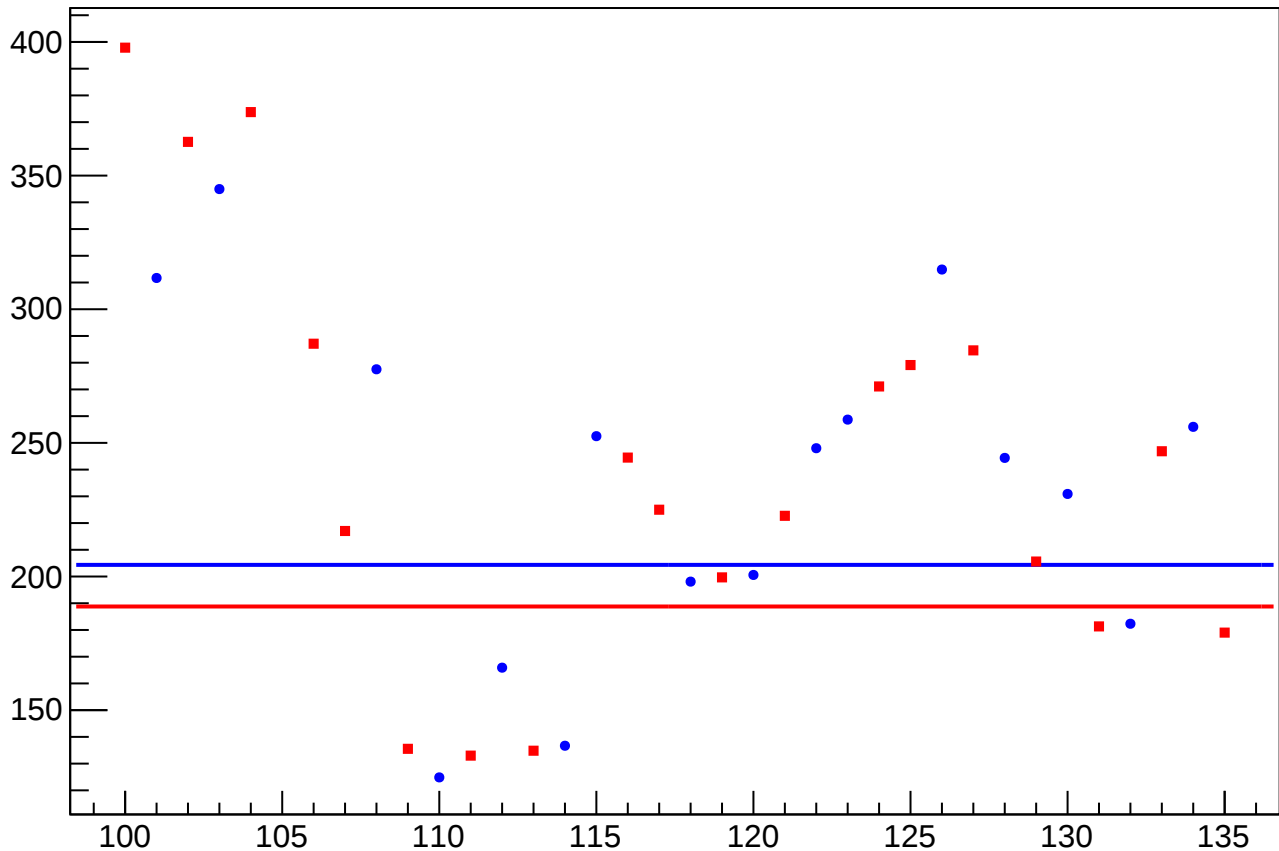
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-88.632 $\pm$ 89.544 χ^2 /NDF: 332.9/15

-618.458 $\pm$ 58.226 χ^2 /NDF: 952.1/34

-1006.588 $\pm$ 76.641 χ^2 /NDF: 558.5/18

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.355+/-0.063 χ^2/NDF : 947379.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.783+/-0.054 χ^2/NDF : 1316552.5/18

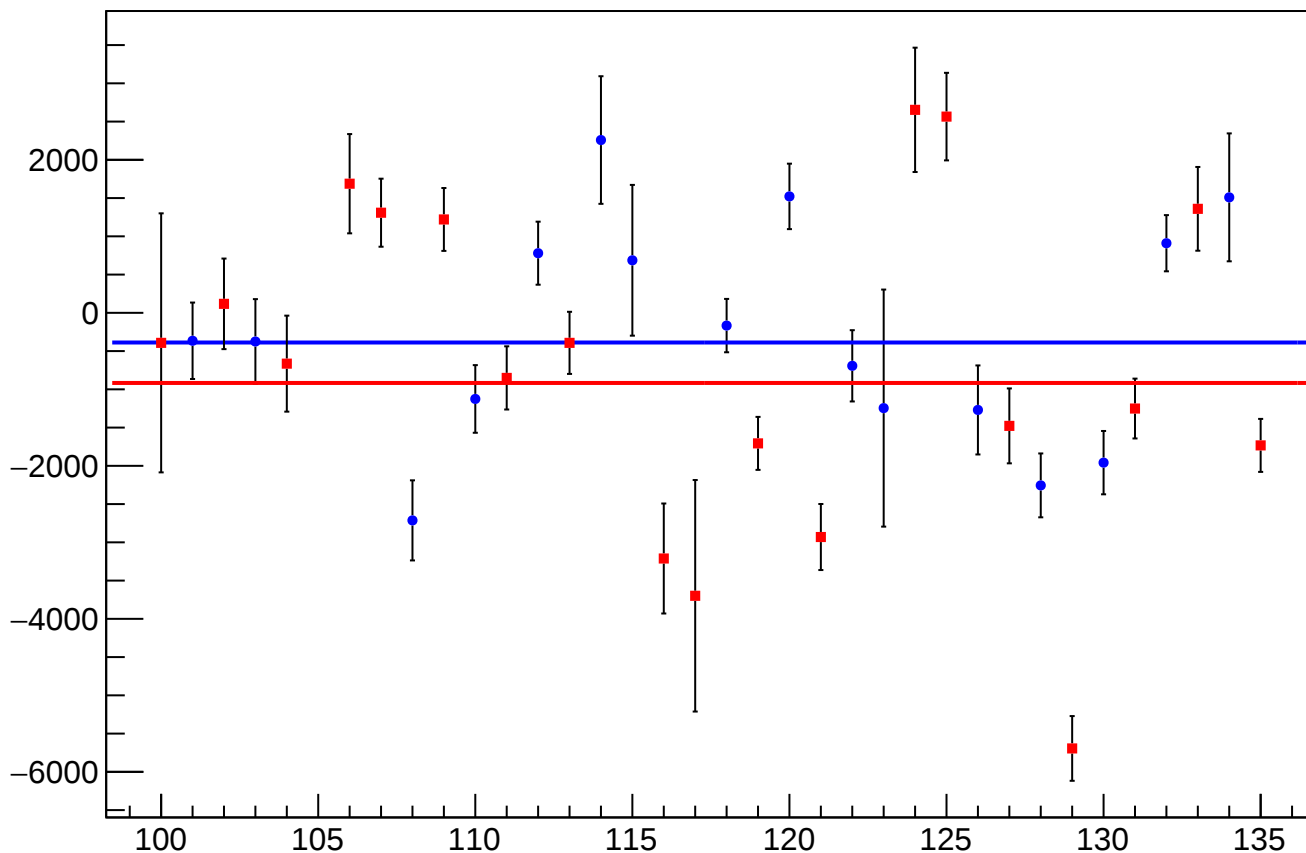
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.355+/-0.063 χ^2/NDF : 947379.8/15

195.367+/-0.041 χ^2/NDF : 2298844.8/34

188.783+/-0.054 χ^2/NDF : 1316552.5/18

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -387.841+/-122.655 χ^2/NDF : 117.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -916.661+/-112.052 χ^2/NDF : 322.5/18

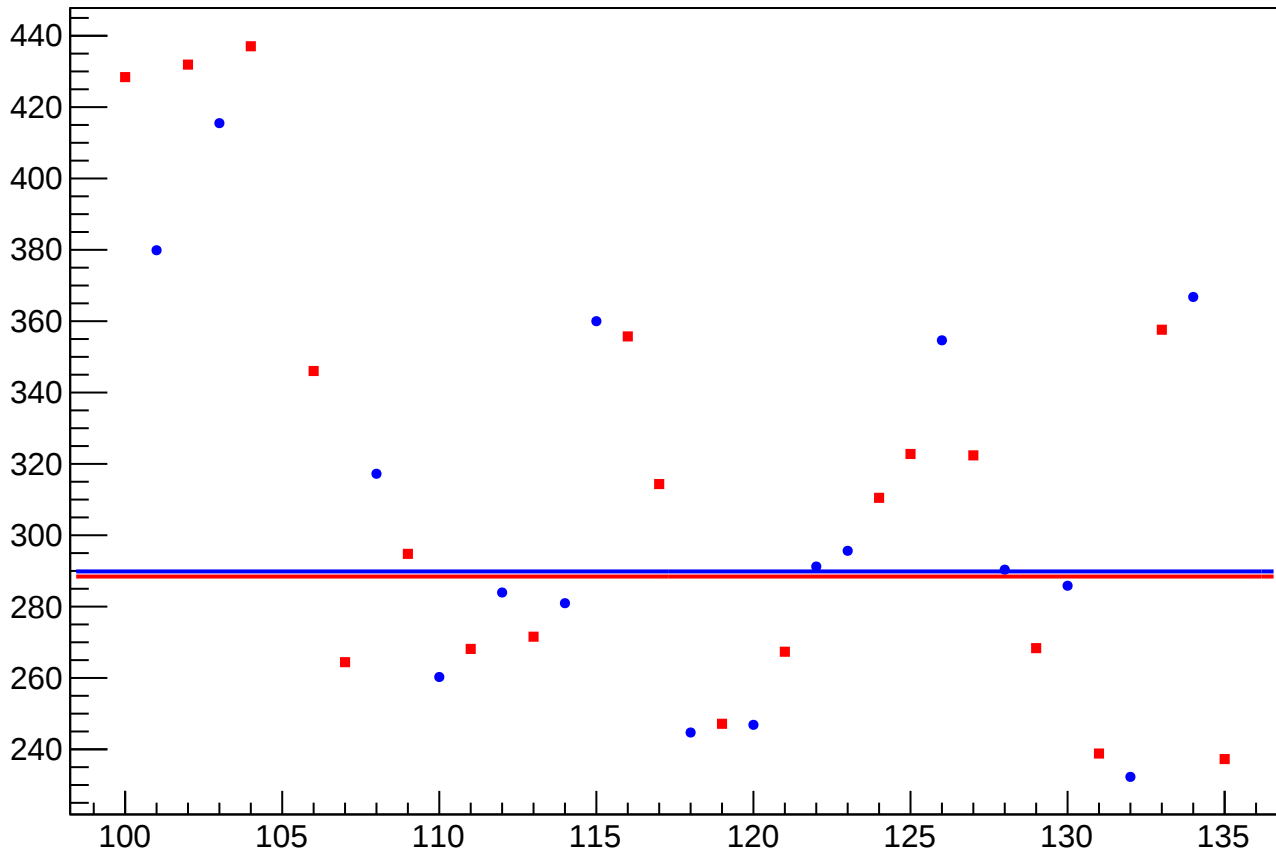
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-387.841+/-122.655 χ^2/NDF : 117.2/15

-676.093+/-82.728 χ^2/NDF : 449.8/34

-916.661+/-112.052 χ^2/NDF : 322.5/18

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 289.858+/-0.087 χ^2/NDF : 337834.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.429+/-0.079 χ^2/NDF : 455664.1/18

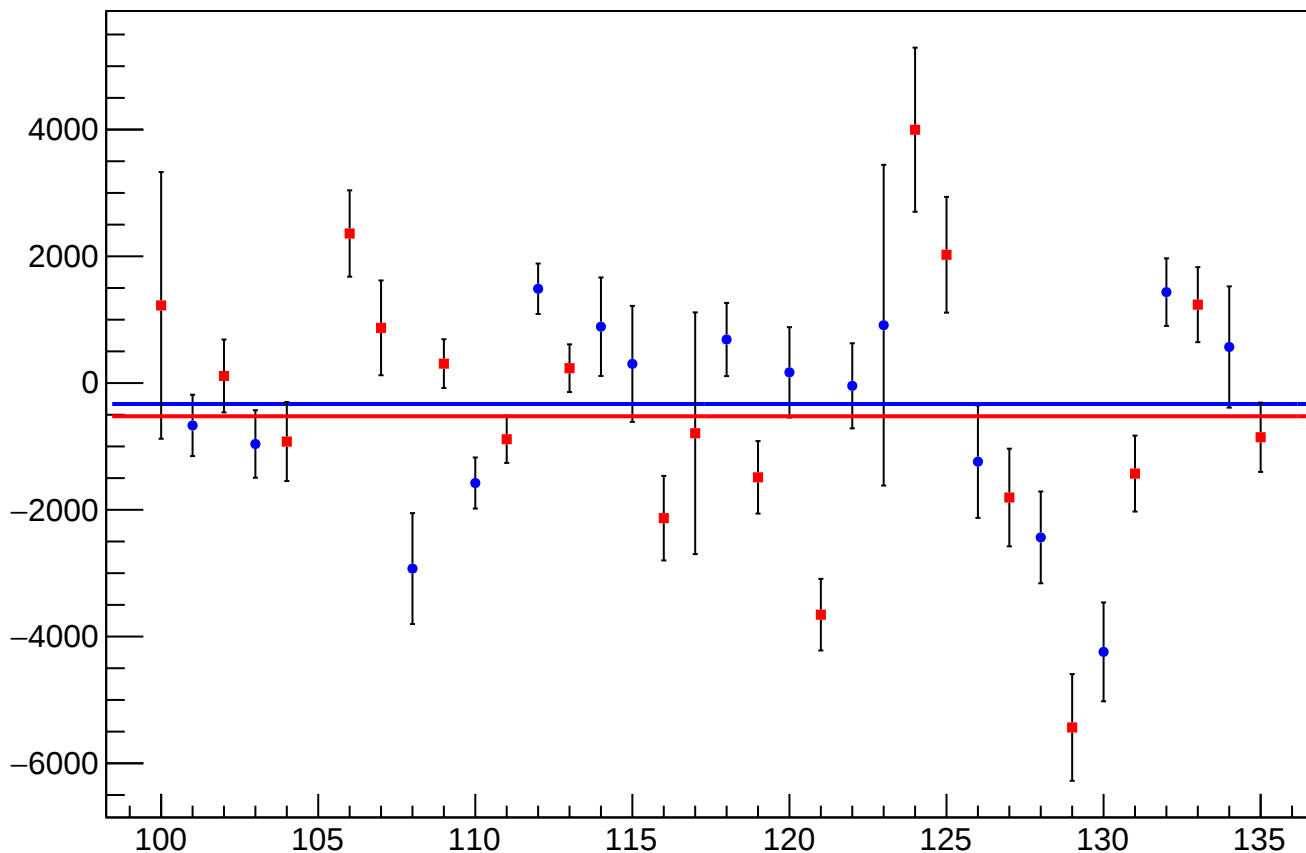
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

289.858+/-0.087 χ^2/NDF : 337834.5/15

289.079+/-0.058 χ^2/NDF : 793646.7/34

288.429+/-0.079 χ^2/NDF : 455664.1/18

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -330.299+/-155.810 χ^2 /NDF: 94.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -523.947+/-136.931 χ^2 /NDF: 141.0/18

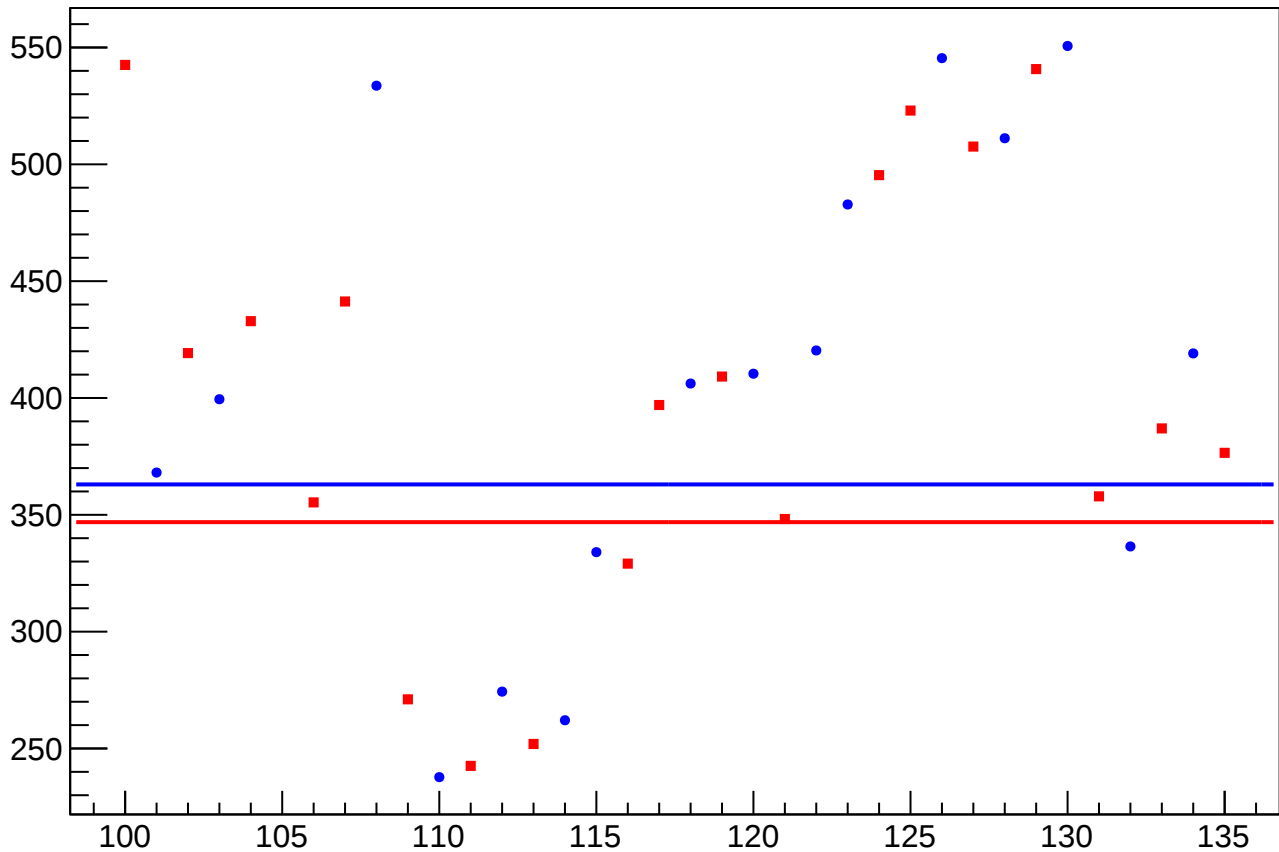
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-330.299+/-155.810 χ^2 /NDF: 94.6/15

-439.560+/-102.856 χ^2 /NDF: 236.5/34

-523.947+/-136.931 χ^2 /NDF: 141.0/18

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 363.011+/-0.110 χ^2/NDF : 748655.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.866+/-0.097 χ^2/NDF : 816201.2/18

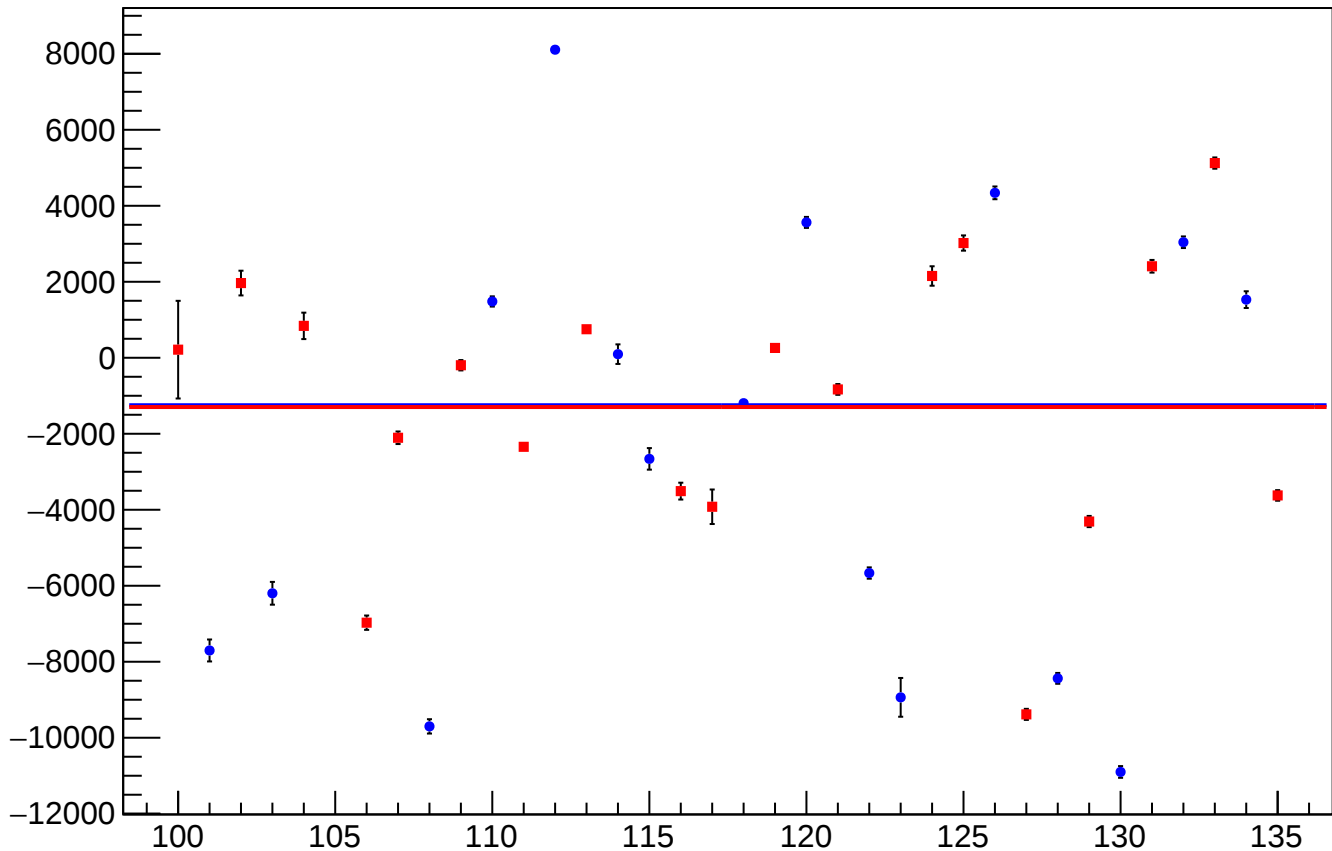
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

363.011+/-0.110 χ^2/NDF : 748655.2/15

353.901+/-0.073 χ^2/NDF : 1576973.0/34

346.866+/-0.097 χ^2/NDF : 816201.2/18

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1249.154+/-42.746 χ^2/NDF : 18974.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1296.575+/-38.413 χ^2/NDF : 8580.7/18

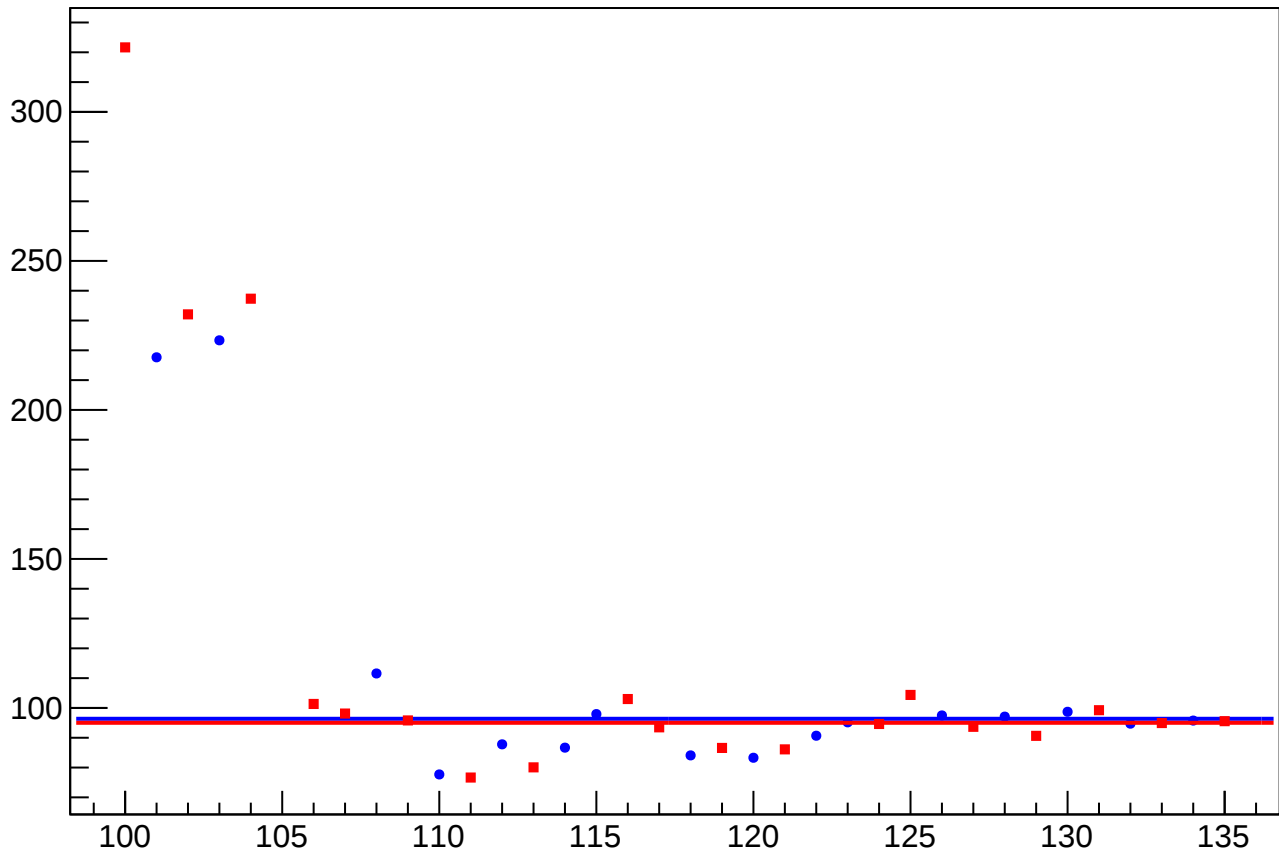
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1249.154+/-42.746 χ^2/NDF : 18974.0/15

-1275.389+/-28.572 χ^2/NDF : 27555.4/34

-1296.575+/-38.413 χ^2/NDF : 8580.7/18

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.367 $\pm$ 0.030 χ^2 /NDF: 814828.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.020 $\pm$ 0.027 χ^2 /NDF: 858109.4/18

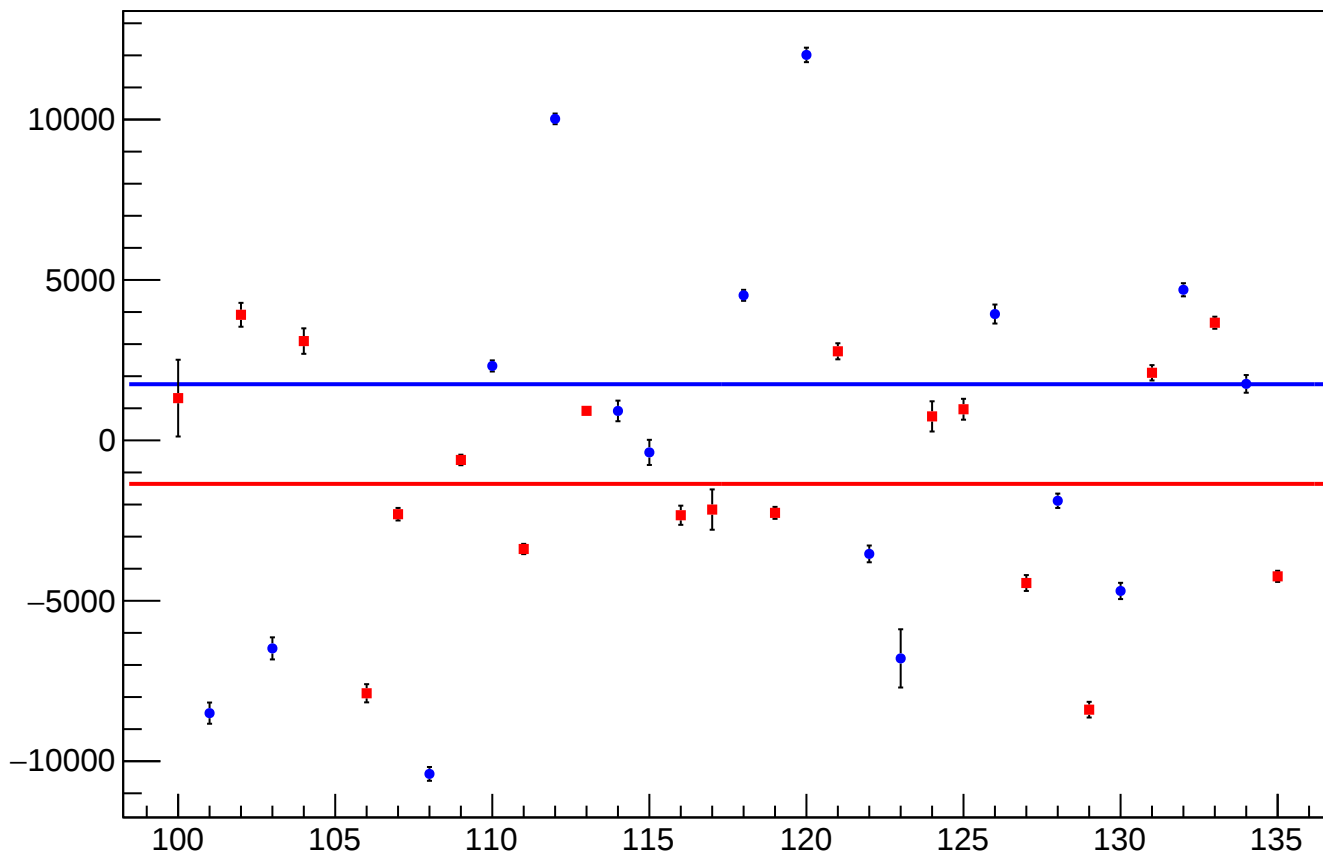
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

96.367 $\pm$ 0.030 χ^2 /NDF: 814828.9/15

95.622 $\pm$ 0.020 χ^2 /NDF: 1674035.9/34

95.020 $\pm$ 0.027 χ^2 /NDF: 858109.4/18

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1750.268+/-59.974 χ^2/NDF : 11231.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1355.869+/-53.153 χ^2/NDF : 3838.7/18

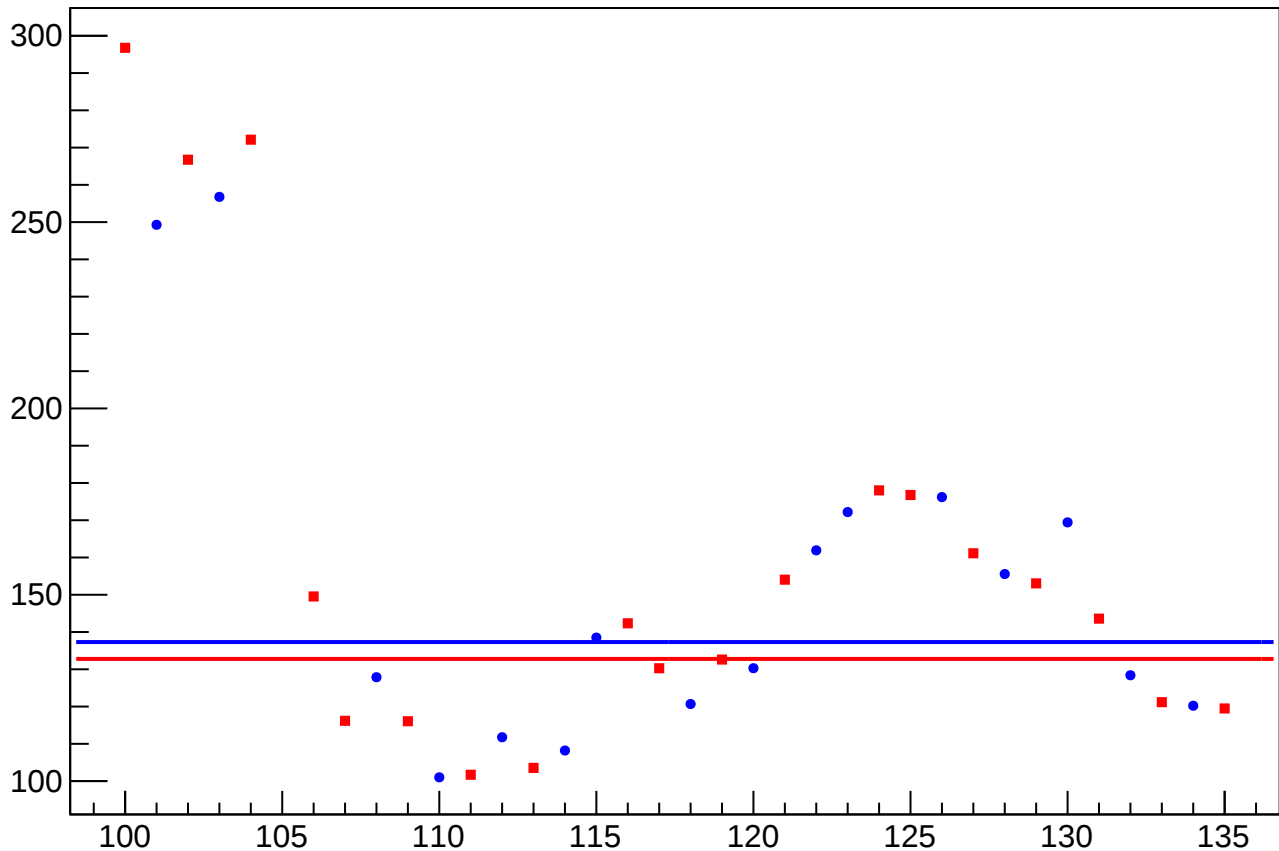
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1750.268+/-59.974 χ^2/NDF : 11231.4/15

10.616+/-39.779 χ^2/NDF : 16572.4/34

-1355.869+/-53.153 χ^2/NDF : 3838.7/18

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 137.313+/-0.042 χ^2/NDF : 758289.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.785+/-0.038 χ^2/NDF : 865062.5/18

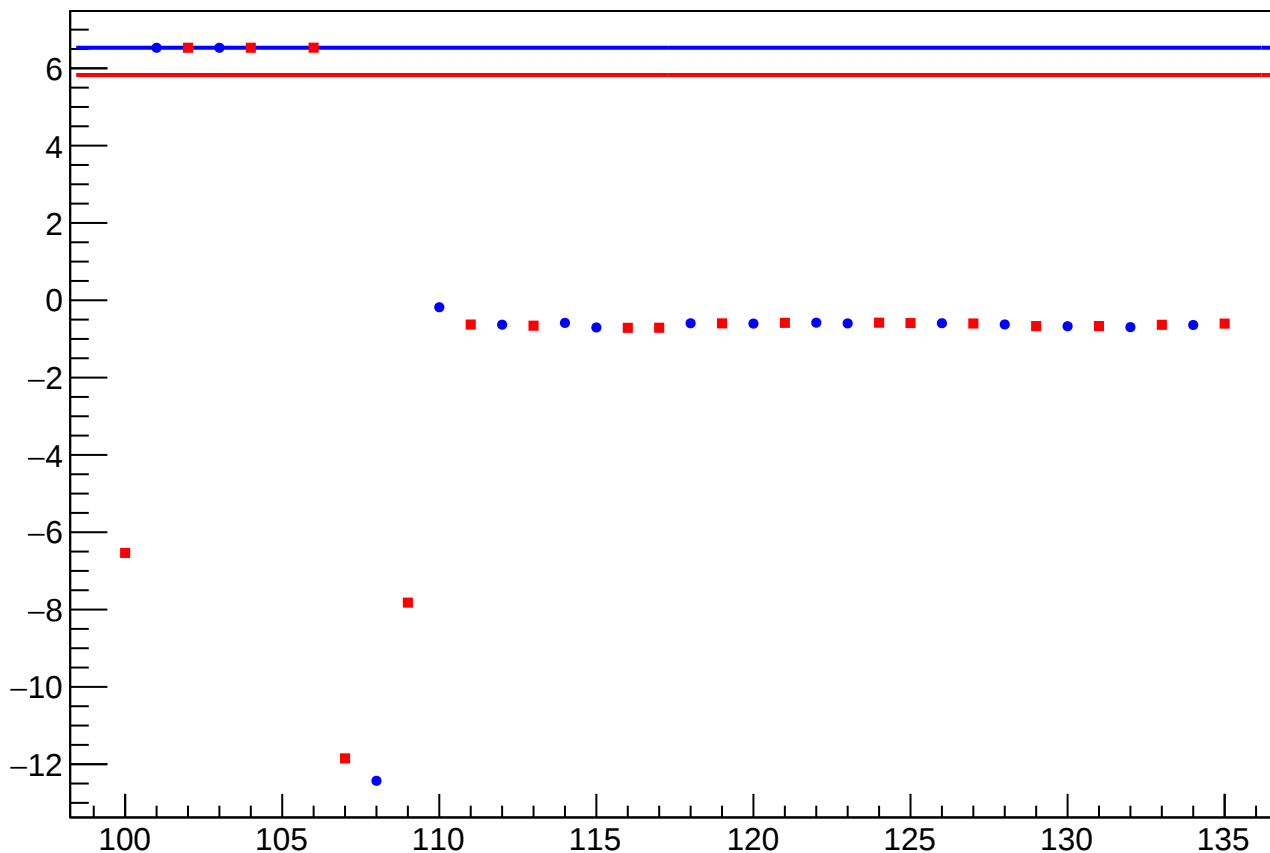
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.313+/-0.042 χ^2/NDF : 758289.4/15

134.777+/-0.028 χ^2/NDF : 1629735.1/34

132.785+/-0.038 χ^2/NDF : 865062.5/18

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 102381350603.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.827+/-0.000 χ^2/NDF : 755942999633876.4/18

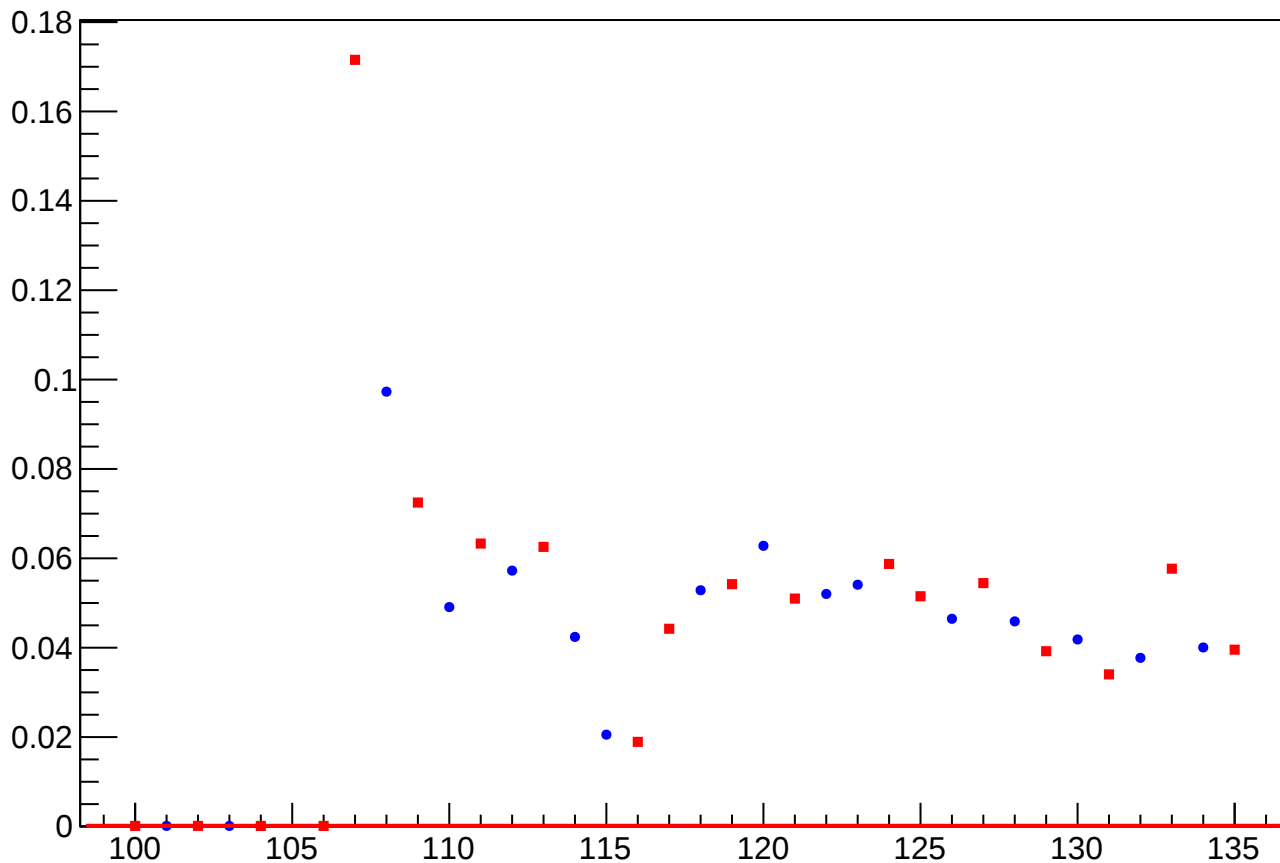
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 102381350603.6/15

6.155+/-0.000 χ^2/NDF : 77605067310536

5.827+/-0.000 χ^2/NDF : 755942999633876.4/18

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7836669.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9175789.6/18

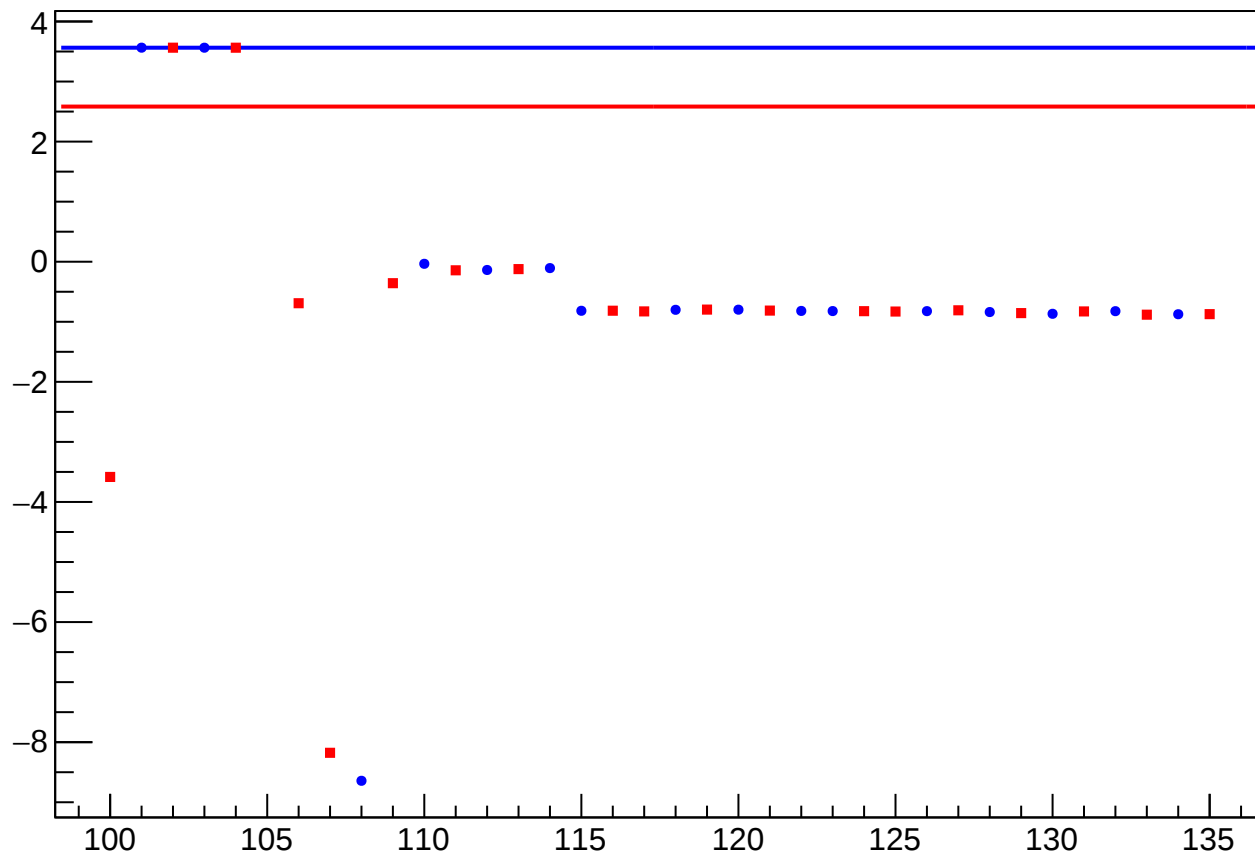
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7836669.4/15

0.000+/-0.000 χ^2/NDF : 17012658.2/34

0.000+/-0.000 χ^2/NDF : 9175789.6/18

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 348418830739.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.583+/-0.000 χ^2/NDF : 1253476454091711.2/18

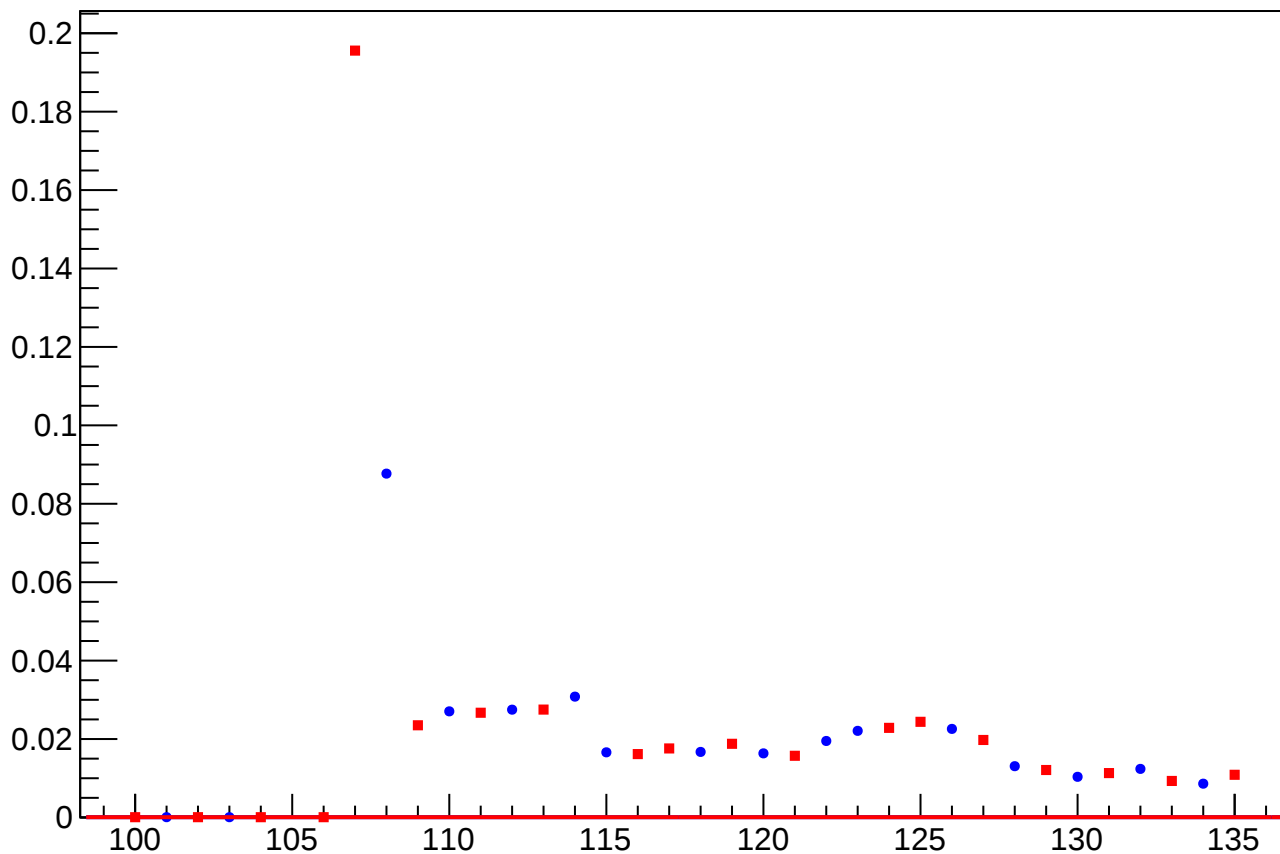
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 348418830739.3/15

3.040+/-0.000 χ^2/NDF : 13821184452450

2.583+/-0.000 χ^2/NDF : 1253476454091711.2/18

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8504344.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9640267.2/18

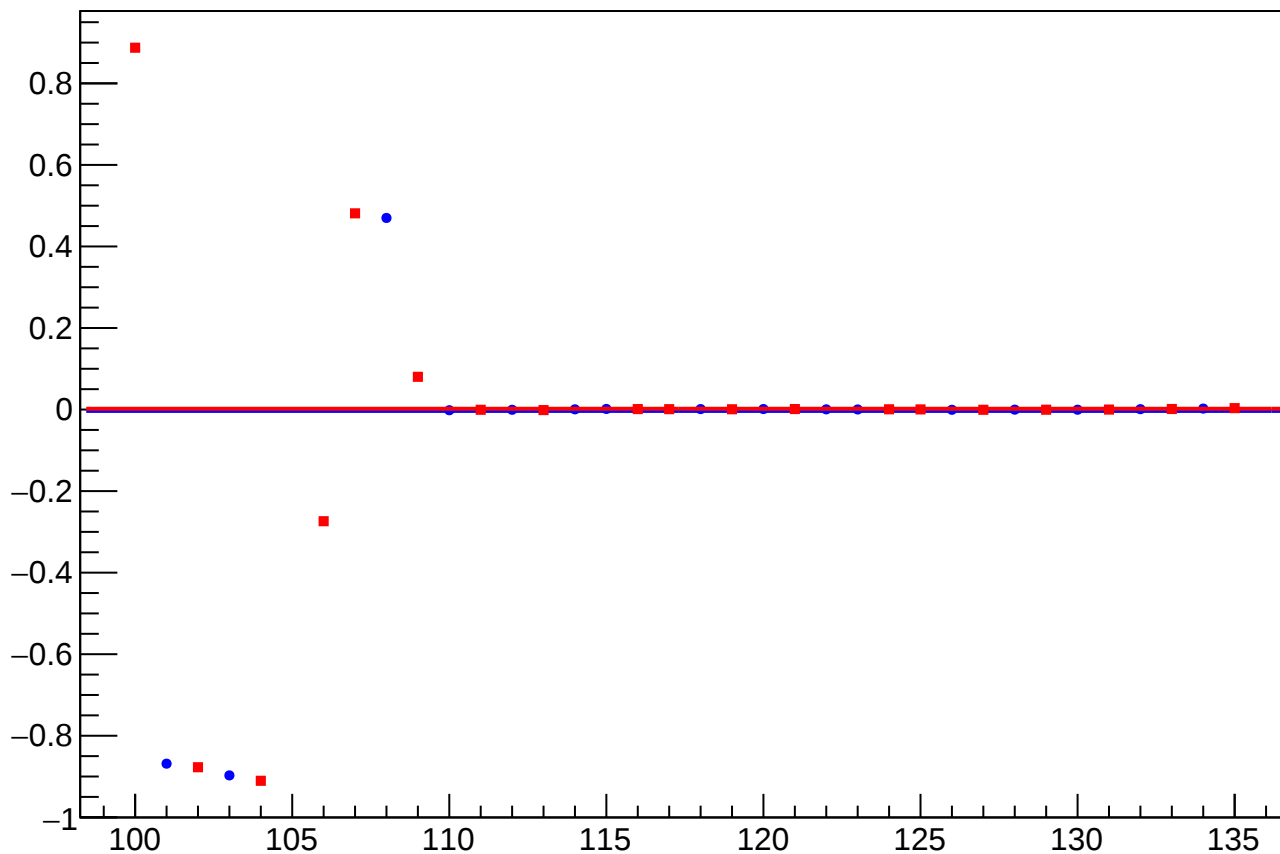
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8504344.9/15

0.000+/-0.000 χ^2/NDF : 18144789.1/34

0.000+/-0.000 χ^2/NDF : 9640267.2/18

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.000 χ^2/NDF : 9790375600.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3041203439.6/18

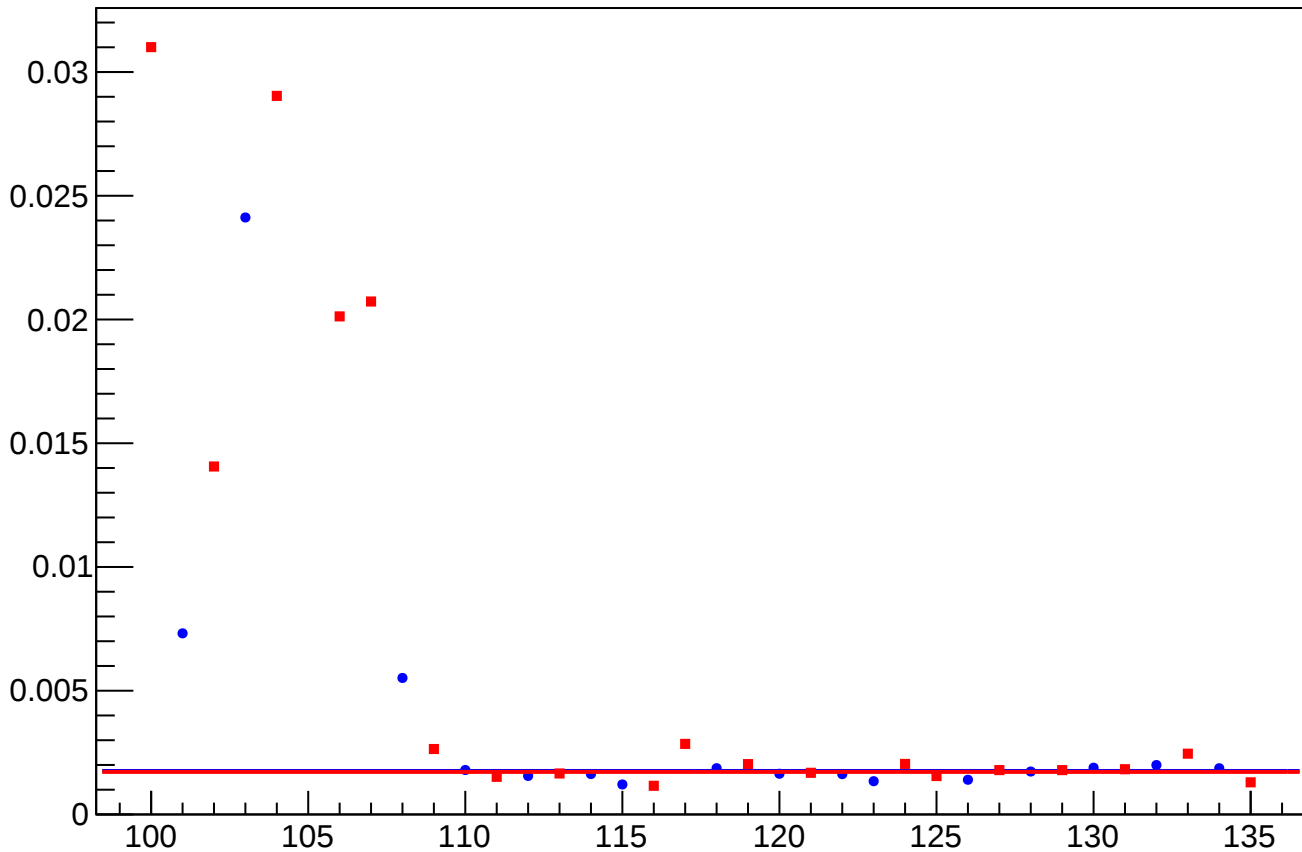
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.000 χ^2/NDF : 9790375600.8/15

-0.000+/-0.000 χ^2/NDF : 12849944547.6/15

0.002+/-0.000 χ^2/NDF : 3041203439.6/18

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1767887.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3022077.9/18

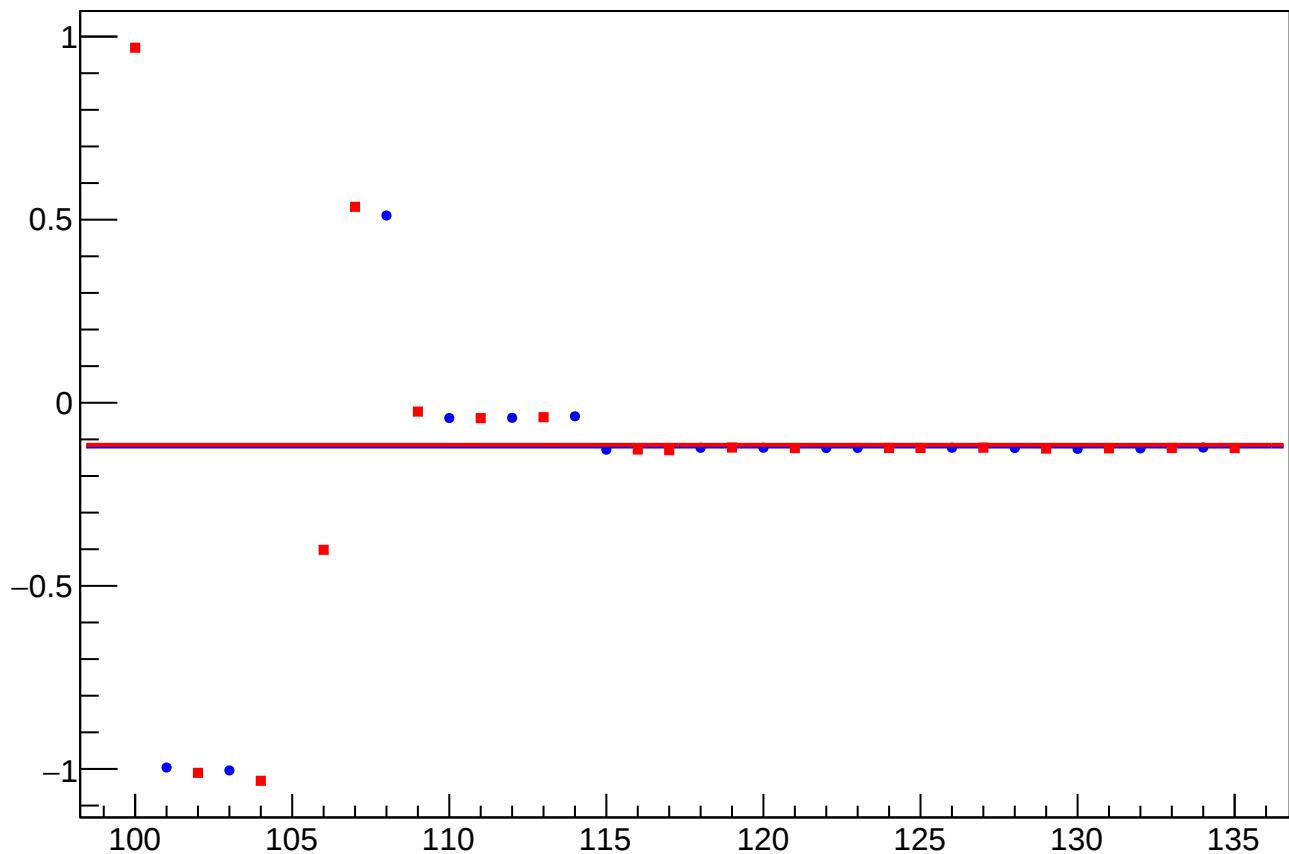
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1767887.9/15

0.002+/-0.000 χ^2/NDF : 4791771.6/34

0.002+/-0.000 χ^2/NDF : 3022077.9/18

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.119+/-0.000 χ^2/NDF : 3927293958.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.115+/-0.000 χ^2/NDF : 2449220400.2/18

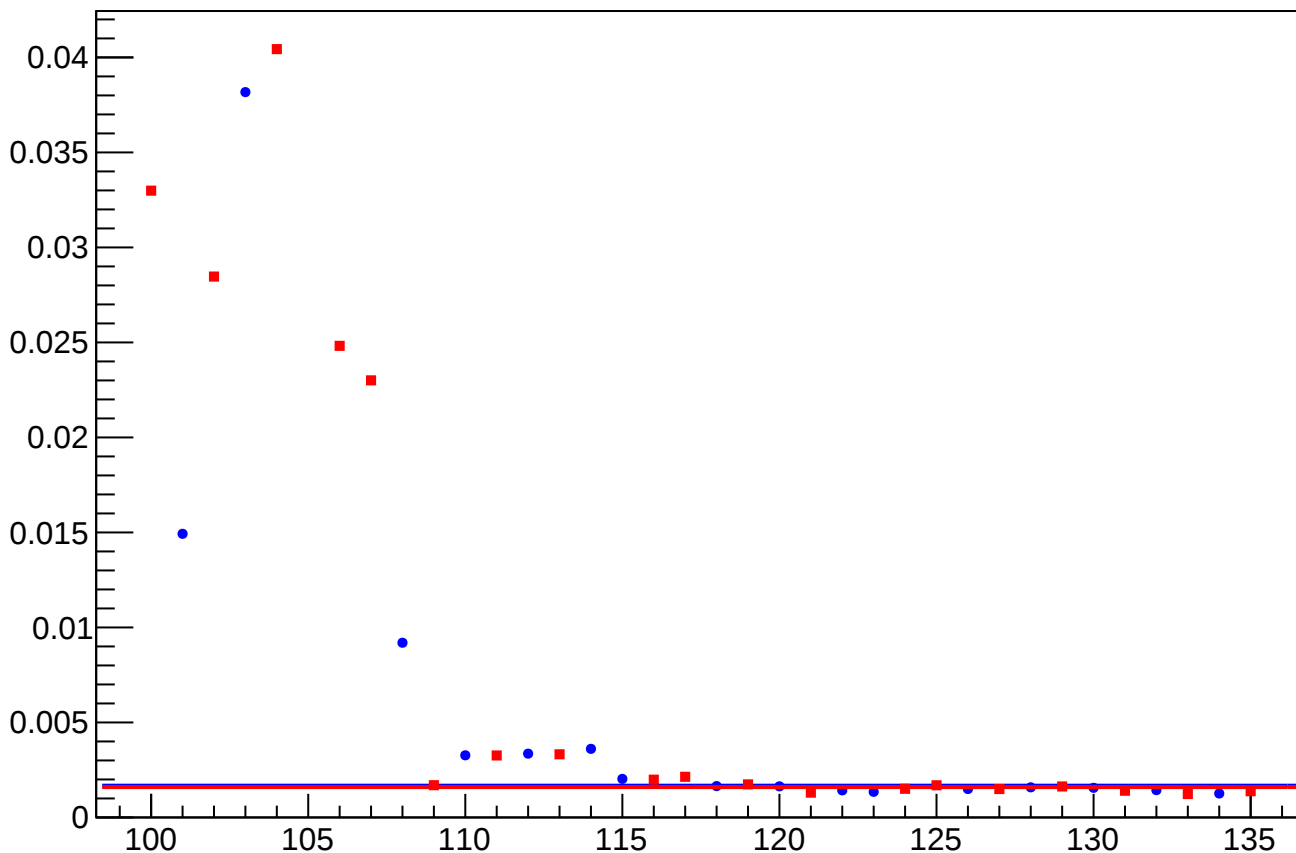
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 3927293958.1/15

-0.117+/-0.000 χ^2/NDF : 6393265805.4/3

-0.115+/-0.000 χ^2/NDF : 2449220400.2/18

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2744974.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3453051.3/18

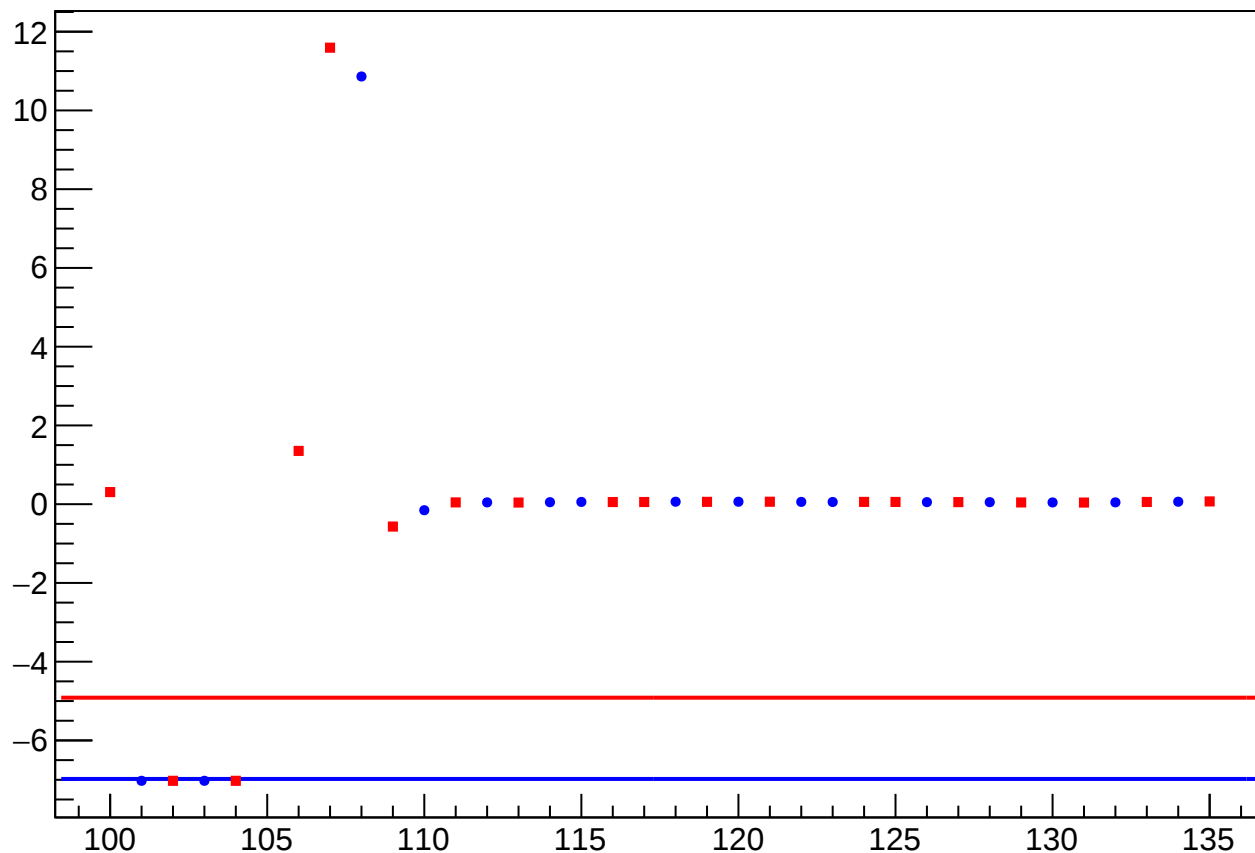
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2744974.8/15

0.002+/-0.000 χ^2/NDF : 6206410.9/34

0.002+/-0.000 χ^2/NDF : 3453051.3/18

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.978+/-0.000 χ^2/NDF : 8171650863062.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.914+/-0.000 χ^2/NDF : 365302719565979.2/18

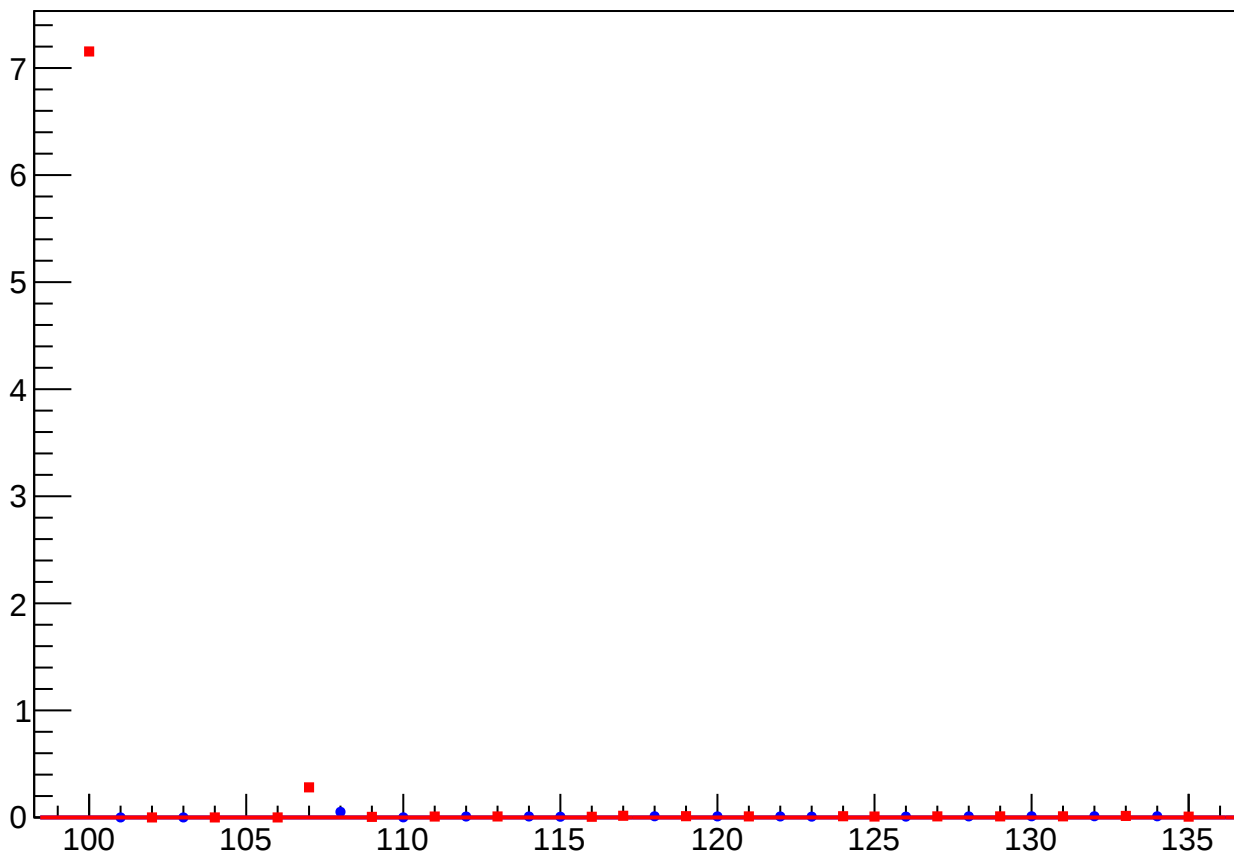
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.978+/-0.000 χ^2/NDF : 8171650863062.6/15

-5.901+/-0.000 χ^2/NDF : 4298127719364.2/15

-4.914+/-0.000 χ^2/NDF : 365302719565979.2/18

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7086503.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8586958.4/18

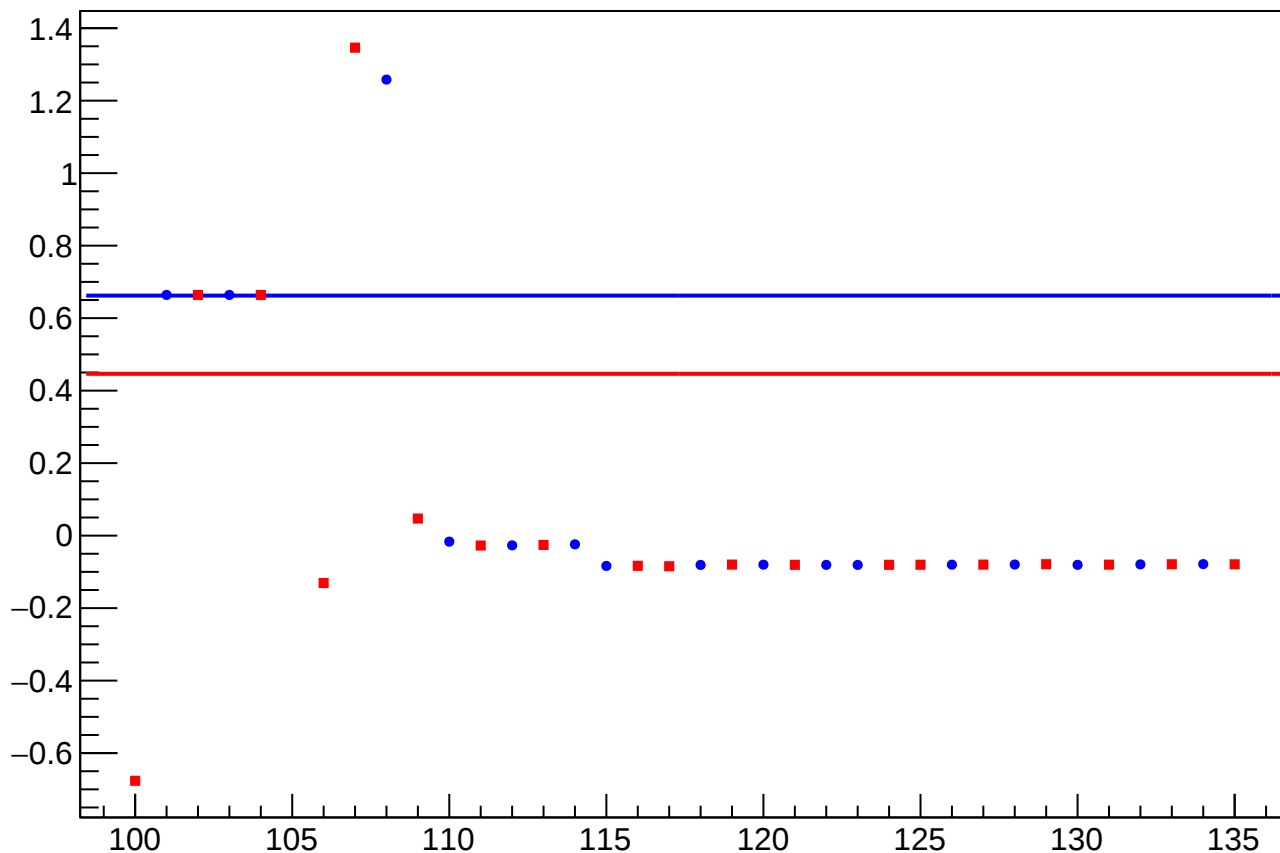
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 7086503.6/15

0.000+/-0.000 χ^2/NDF : 15673472.4/34

0.000+/-0.000 χ^2/NDF : 8586958.4/18

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 3674482942335.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.446 $\pm$ 0.000 χ^2 /NDF: 405222539804362.2/18

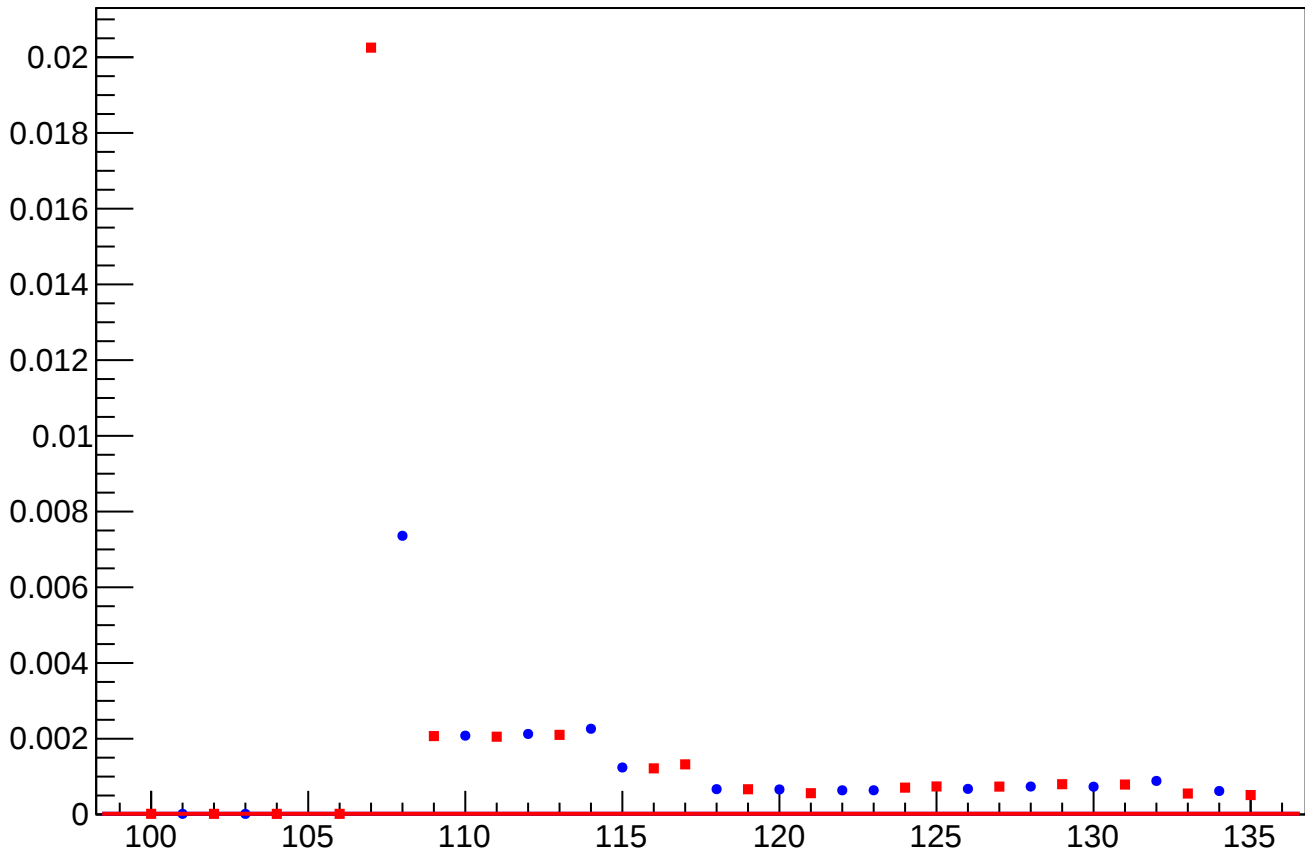
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.662 $\pm$ 0.000 χ^2 /NDF: 3674482942335.4/15

0.549 $\pm$ 0.000 χ^2 /NDF: 47227960132809

0.446 $\pm$ 0.000 χ^2 /NDF: 405222539804362.2/18

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8542931.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9244026.1/18

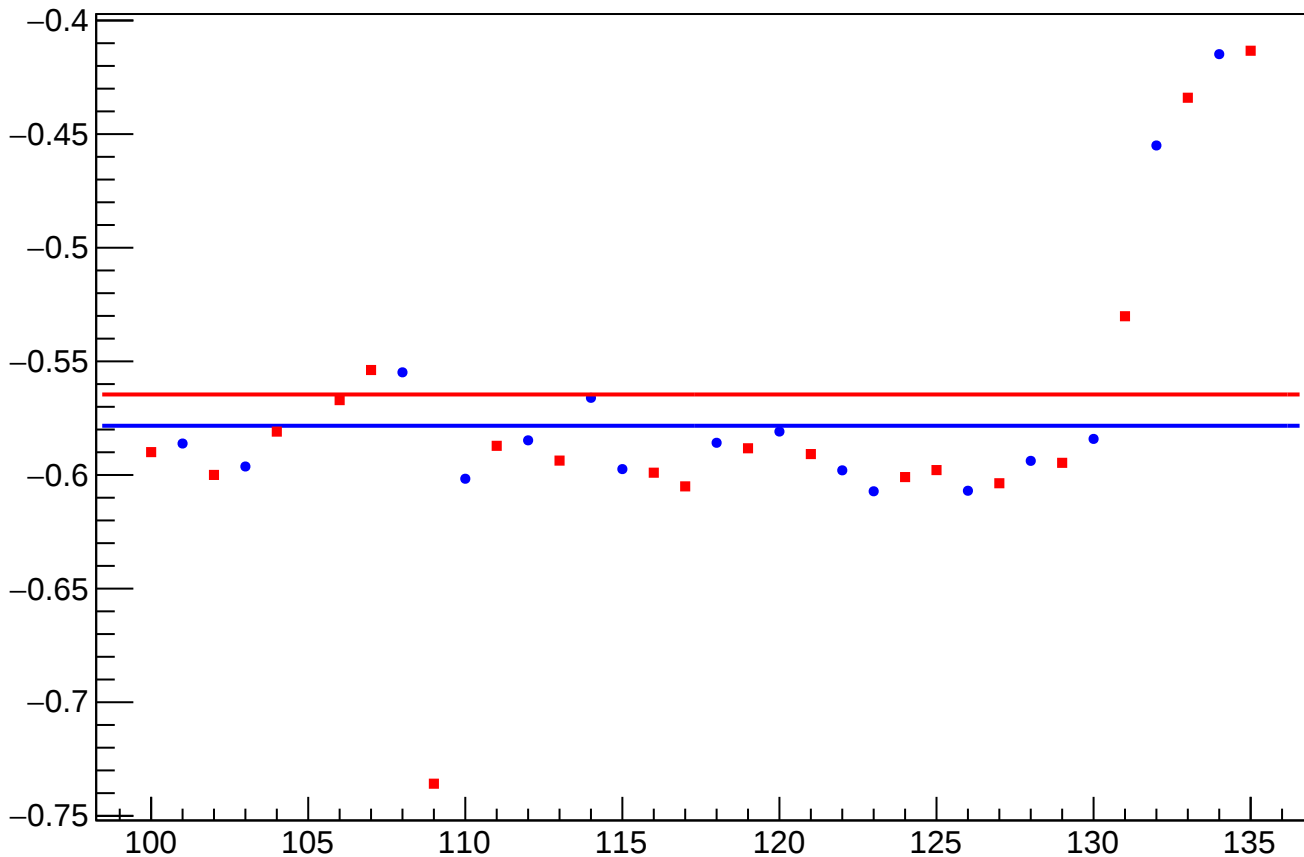
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8542931.7/15

0.000+/-0.000 χ^2/NDF : 17787463.1/34

0.000+/-0.000 χ^2/NDF : 9244026.1/18

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.578+/-0.000 χ^2/NDF : 14683256.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-0.000 χ^2/NDF : 59229504.9/18

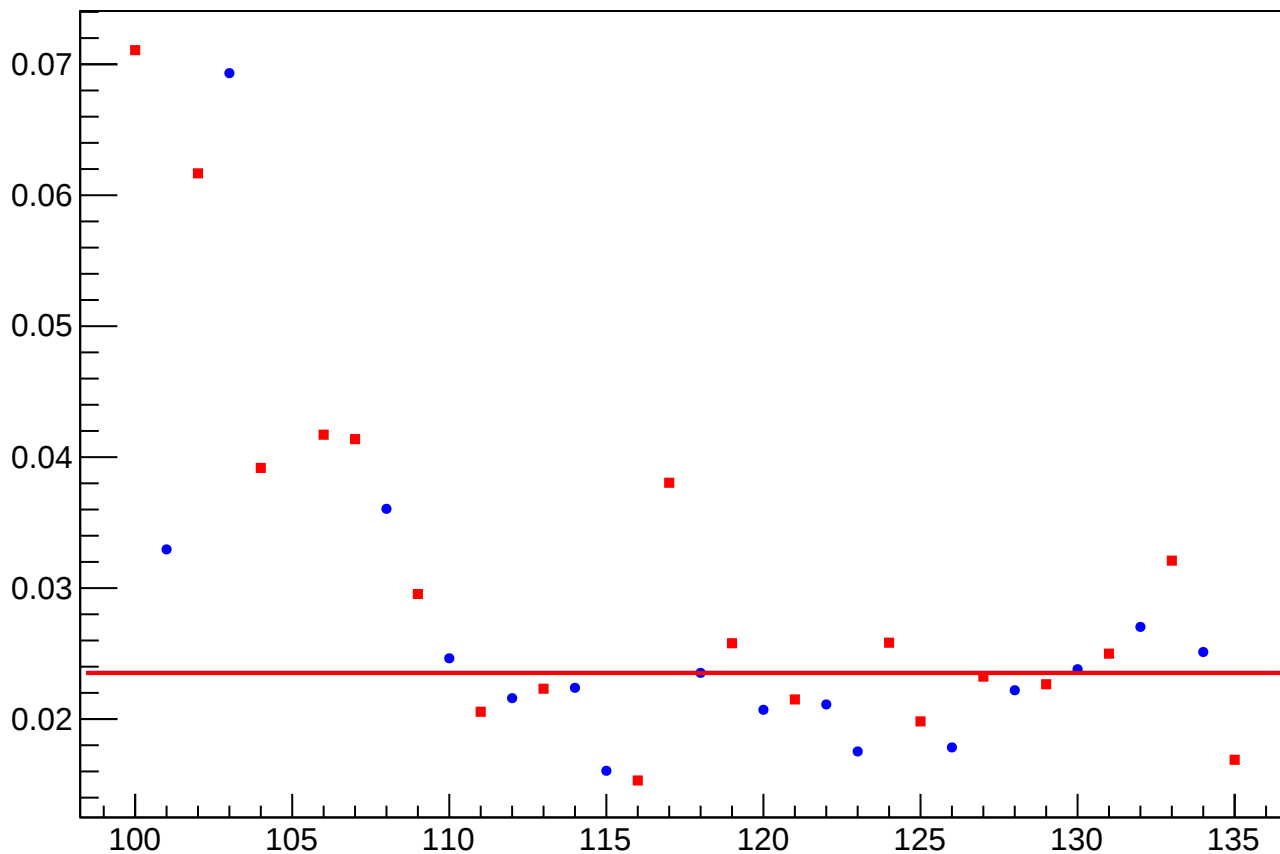
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.578+/-0.000 χ^2/NDF : 14683256.8/15

-0.571+/-0.000 χ^2/NDF : 74743625.7/34

-0.565+/-0.000 χ^2/NDF : 59229504.9/18

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 794011.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 1139631.3/18

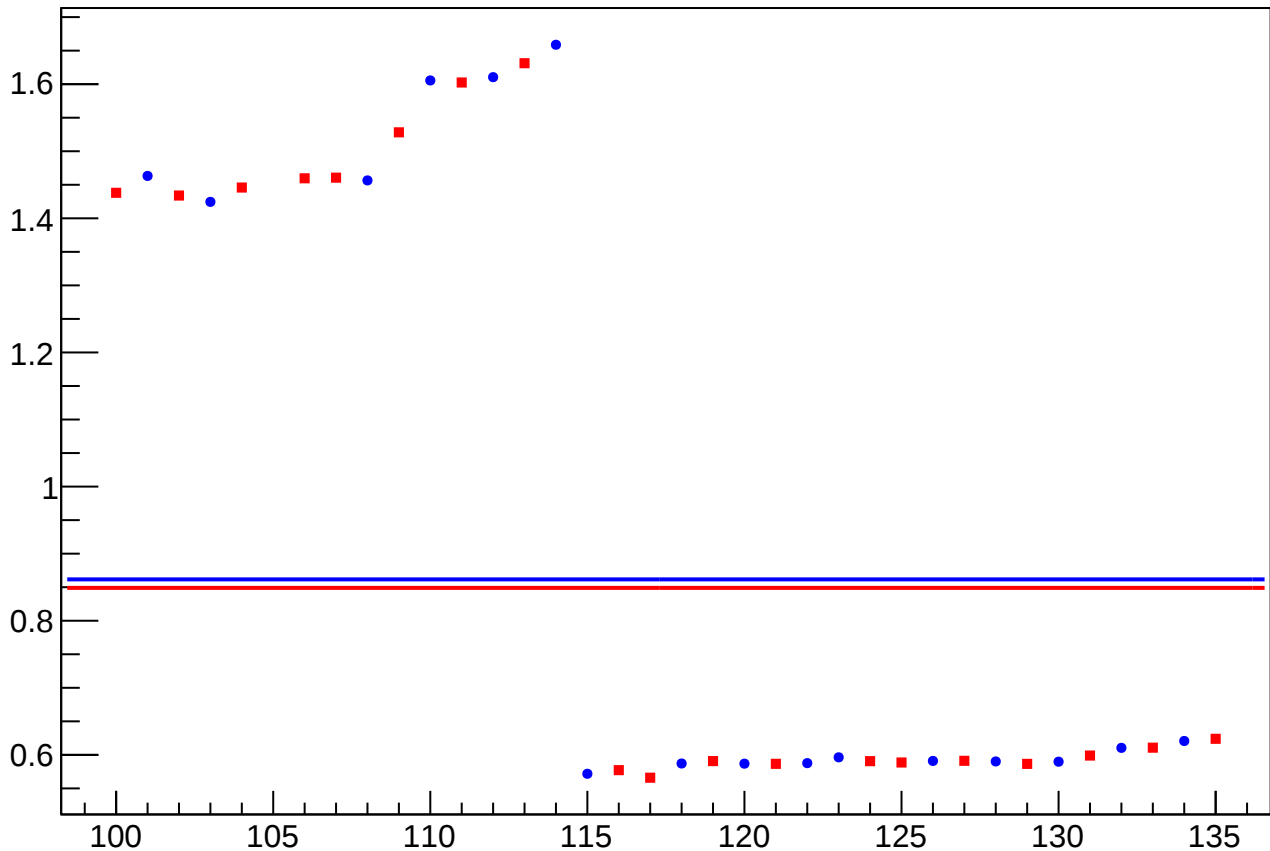
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 794011.4/15

0.024+/-0.000 χ^2/NDF : 1933648.9/34

0.024+/-0.000 χ^2/NDF : 1139631.3/18

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.862+/-0.000 χ^2/NDF : 3228021390.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.849+/-0.000 χ^2/NDF : 4064353260.6/18

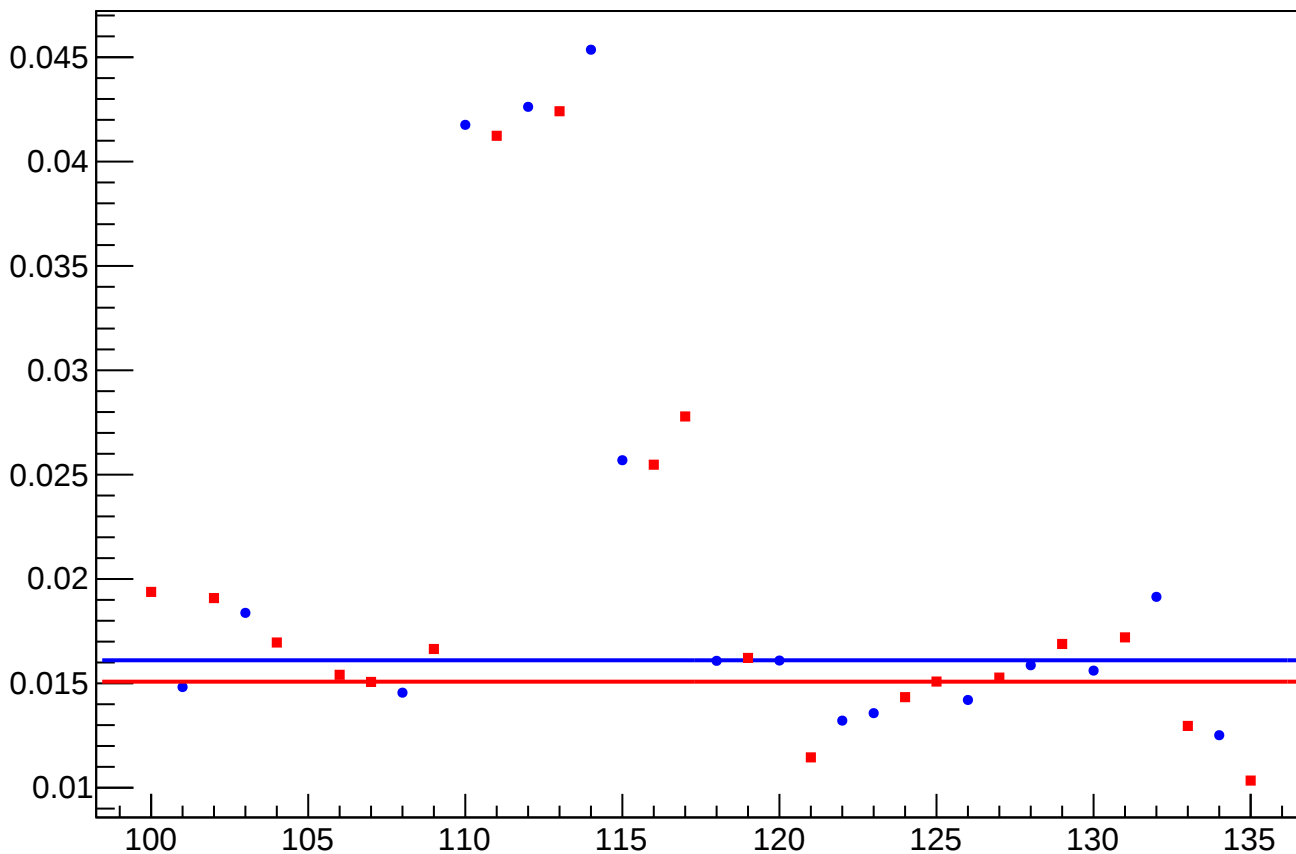
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.862+/-0.000 χ^2/NDF : 3228021390.5/15

0.854+/-0.000 χ^2/NDF : 7294183639.7/34

0.849+/-0.000 χ^2/NDF : 4064353260.6/18

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 847116.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1169912.5/18

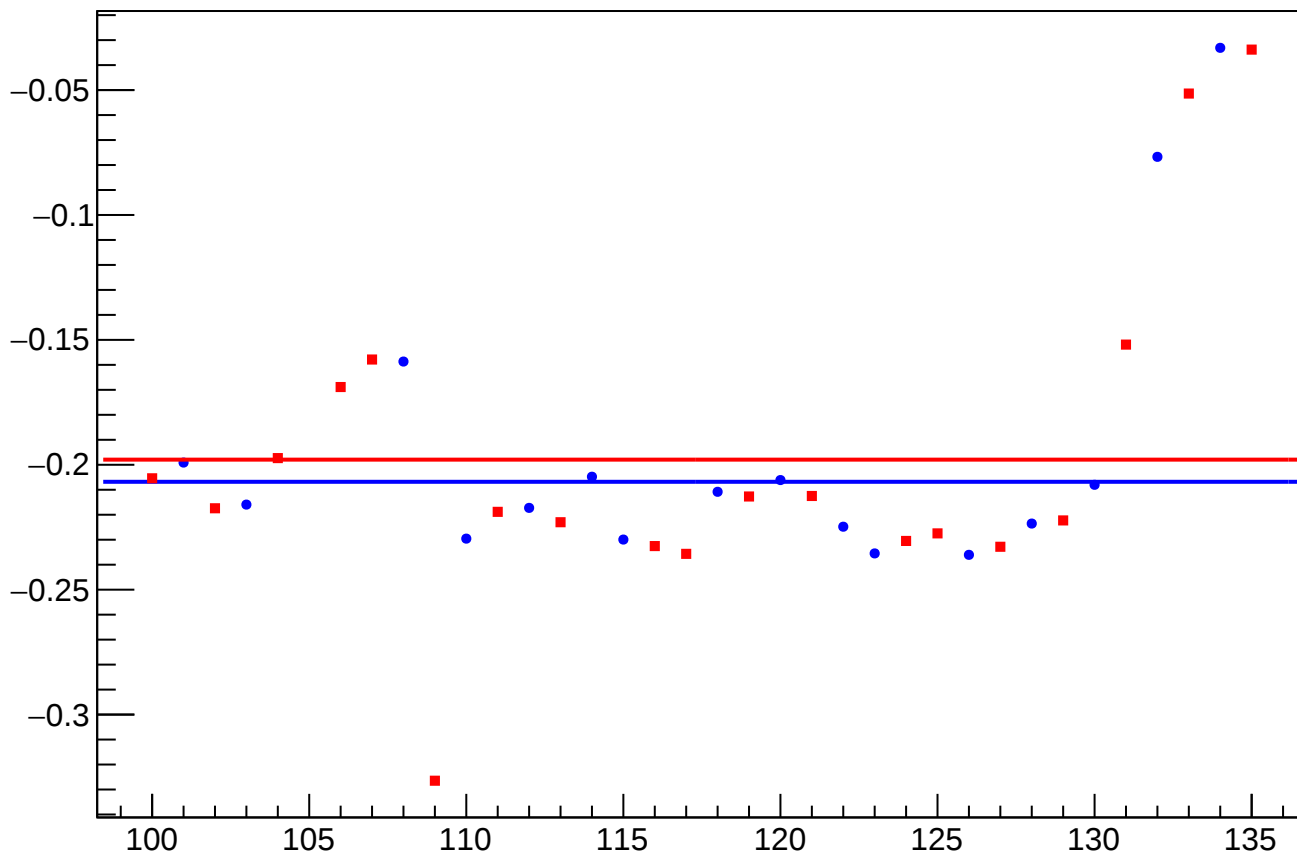
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 847116.8/15

0.016+/-0.000 χ^2/NDF : 2040694.4/34

0.015+/-0.000 χ^2/NDF : 1169912.5/18

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.207+/-0.000 χ^2/NDF : 20670295.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.198+/-0.000 χ^2/NDF : 73457469.1/18

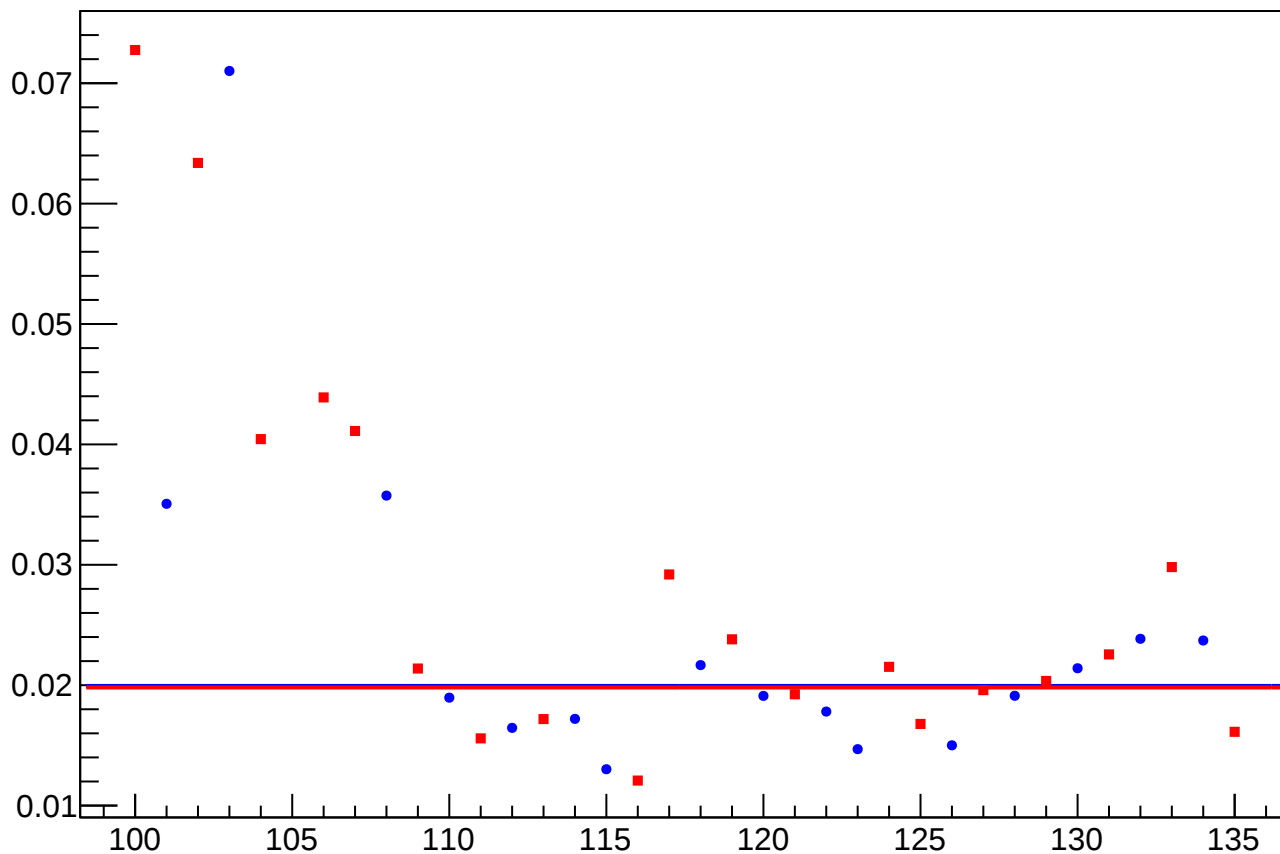
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.207+/-0.000 χ^2/NDF : 20670295.1/15

-0.202+/-0.000 χ^2/NDF : 94597239.8/34

-0.198+/-0.000 χ^2/NDF : 73457469.1/18

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1099735.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1449873.4/18

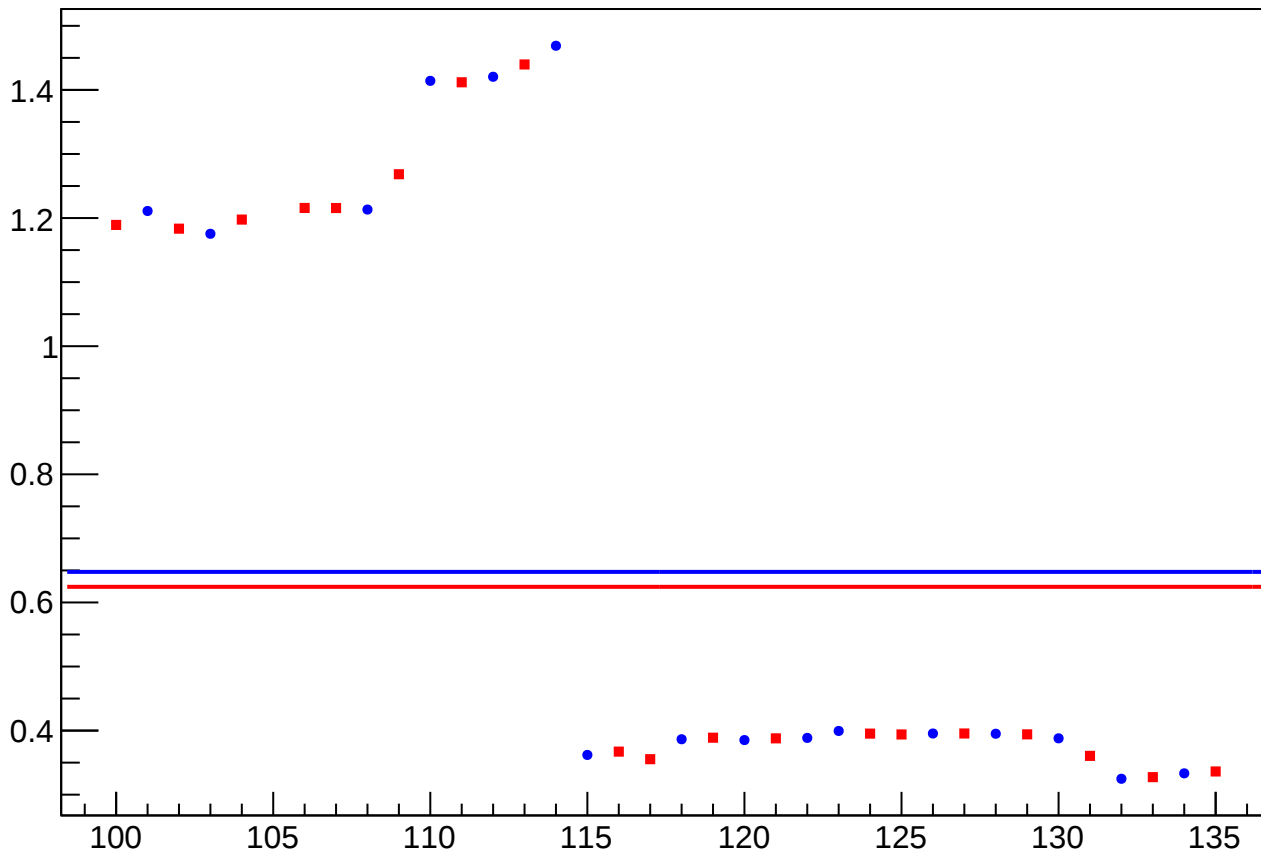
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1099735.7/15

0.020+/-0.000 χ^2/NDF : 2549799.6/34

0.020+/-0.000 χ^2/NDF : 1449873.4/18

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.648 $\pm$ 0.000 χ^2 /NDF: 4294727417.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.624 $\pm$ 0.000 χ^2 /NDF: 5334216101.8/18

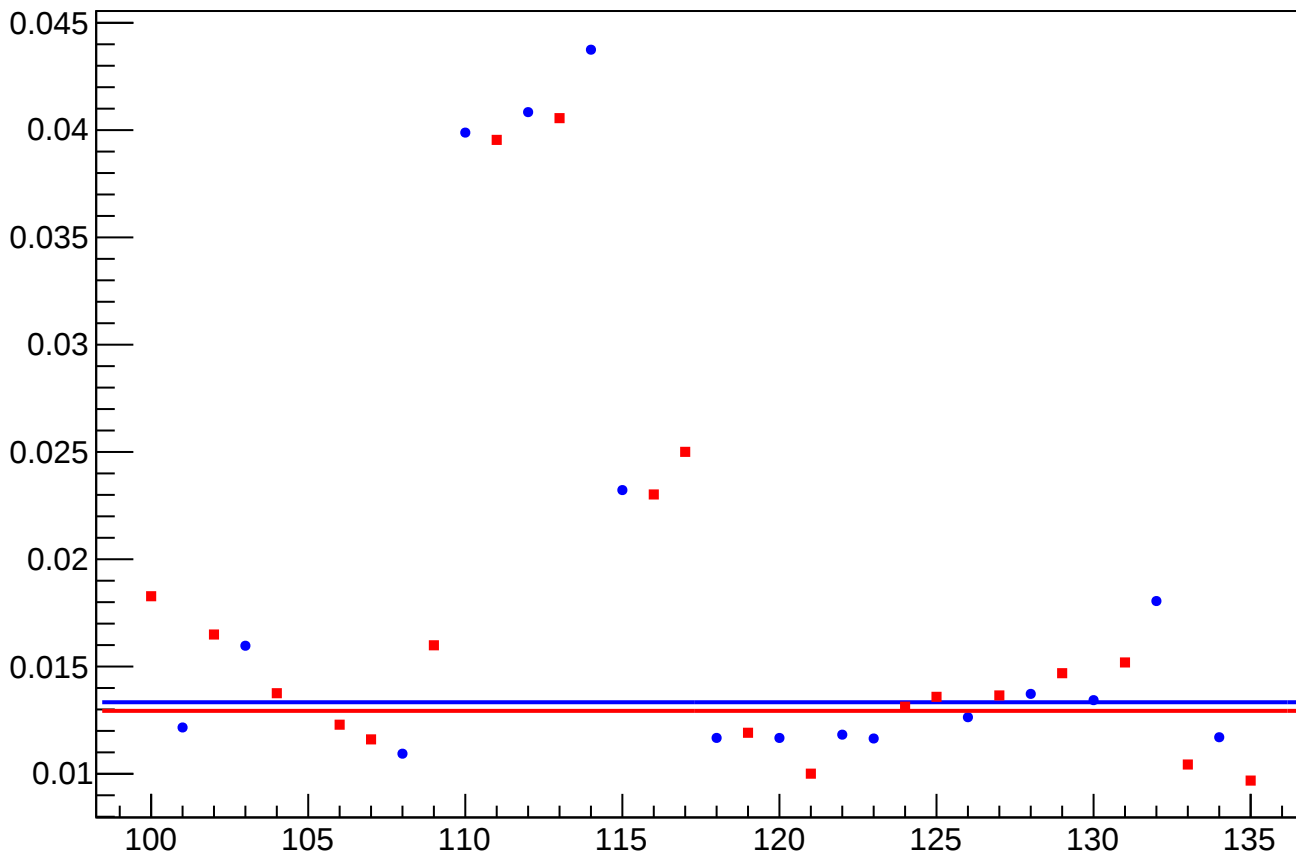
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.648 $\pm$ 0.000 χ^2 /NDF: 4294727417.6/15

0.635 $\pm$ 0.000 χ^2 /NDF: 9637391971.5/34

0.624 $\pm$ 0.000 χ^2 /NDF: 5334216101.8/18

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1012242.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1217024.2/18

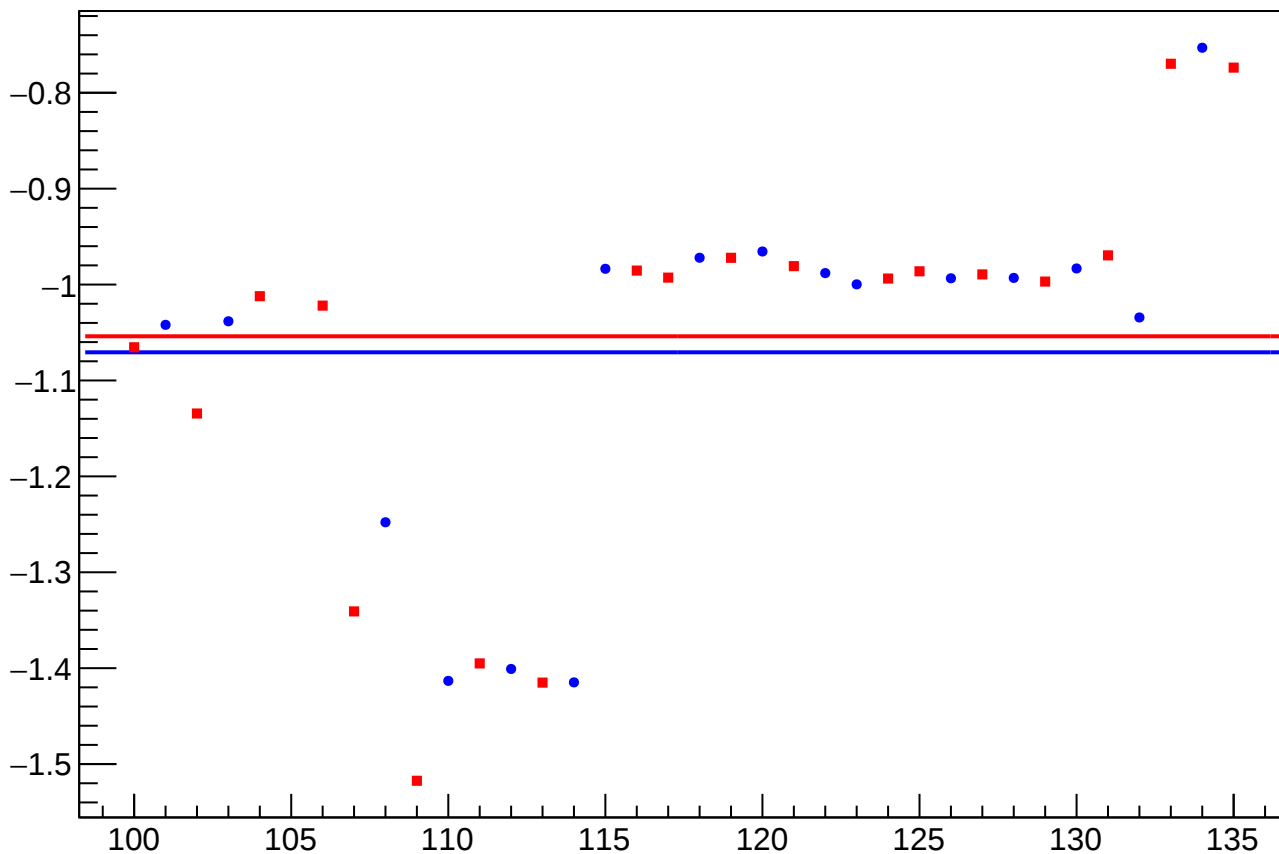
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1012242.0/15

0.013+/-0.000 χ^2/NDF : 2234279.2/34

0.013+/-0.000 χ^2/NDF : 1217024.2/18

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.071+/-0.000 χ^2/NDF : 251045142.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.054+/-0.000 χ^2/NDF : 501373746.3/18

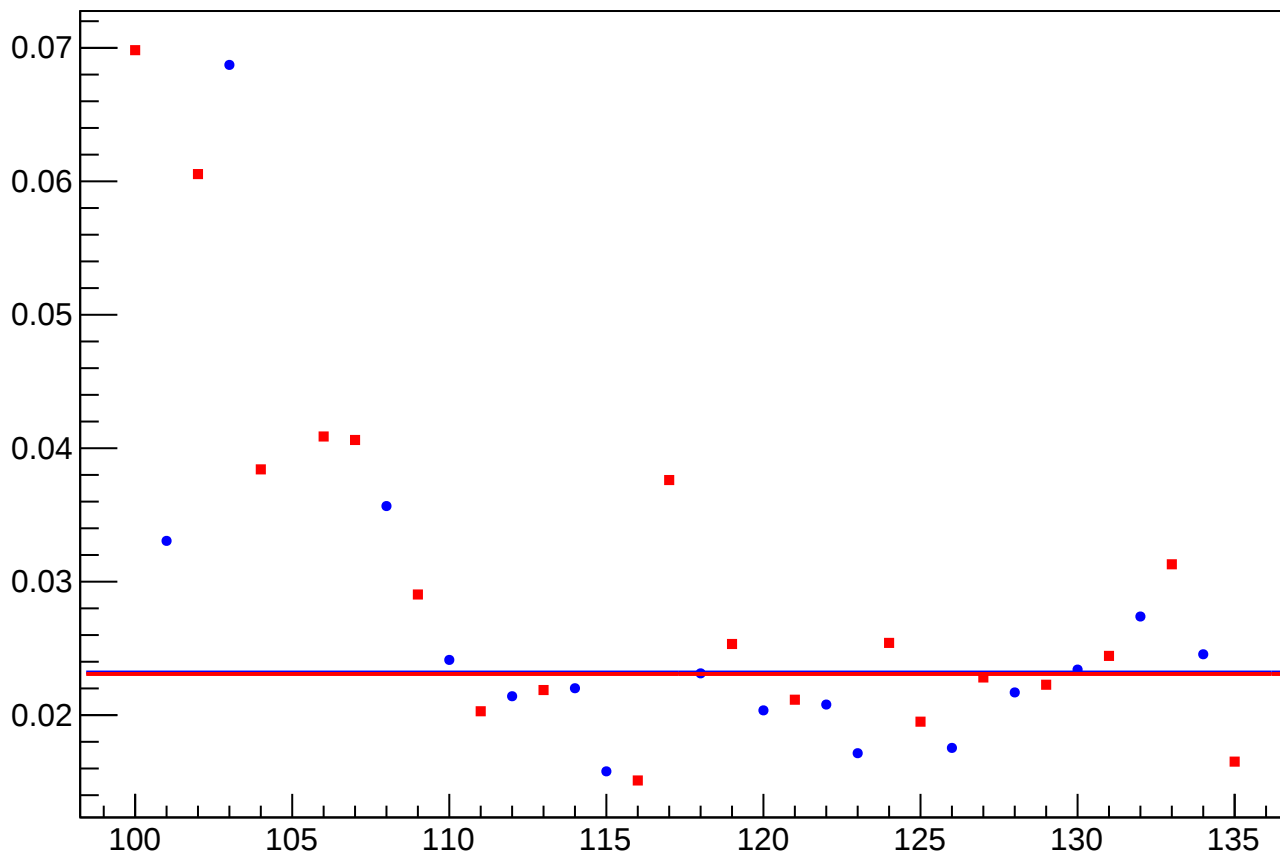
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.071+/-0.000 χ^2/NDF : 251045142.0/15

-1.062+/-0.000 χ^2/NDF : 753680893.0/34

-1.054+/-0.000 χ^2/NDF : 501373746.3/18

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 809880.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1135233.9/18

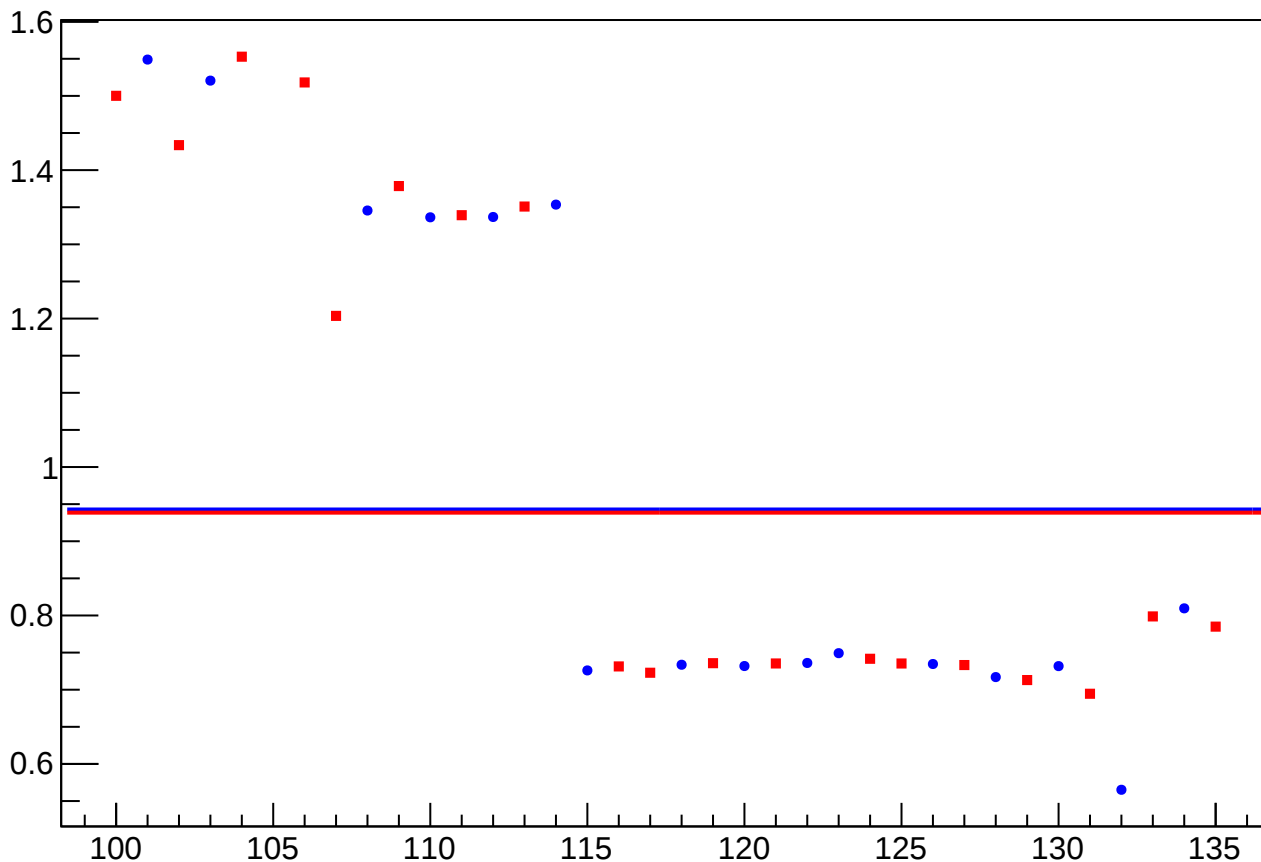
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 809880.3/15

0.023+/-0.000 χ^2/NDF : 1945214.3/34

0.023+/-0.000 χ^2/NDF : 1135233.9/18

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.943+/-0.000 χ^2/NDF : 2260942649.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.939+/-0.000 χ^2/NDF : 2397136346.1/18

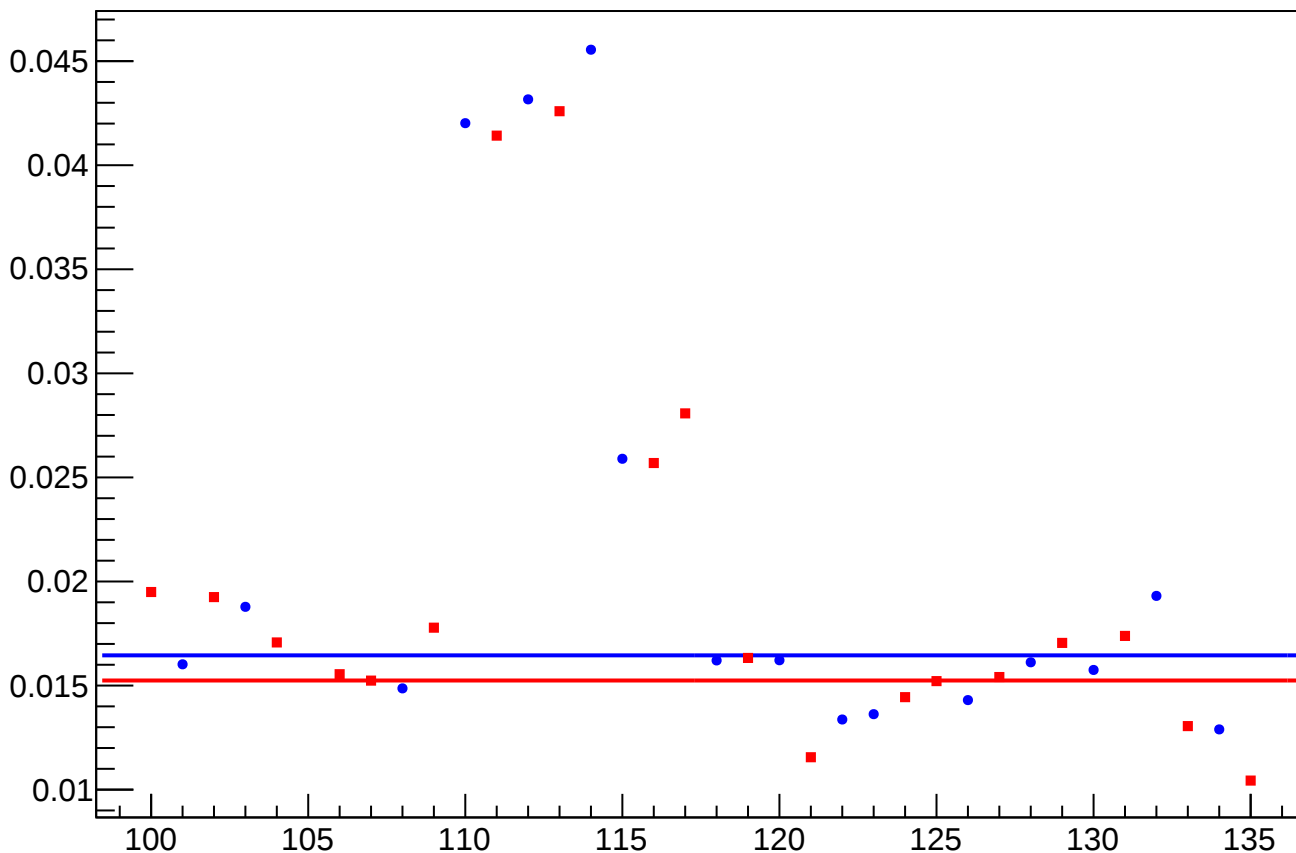
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.943+/-0.000 χ^2/NDF : 2260942649.0/15

0.940+/-0.000 χ^2/NDF : 4658274331.3/34

0.939+/-0.000 χ^2/NDF : 2397136346.1/18

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 833799.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1174337.3/18

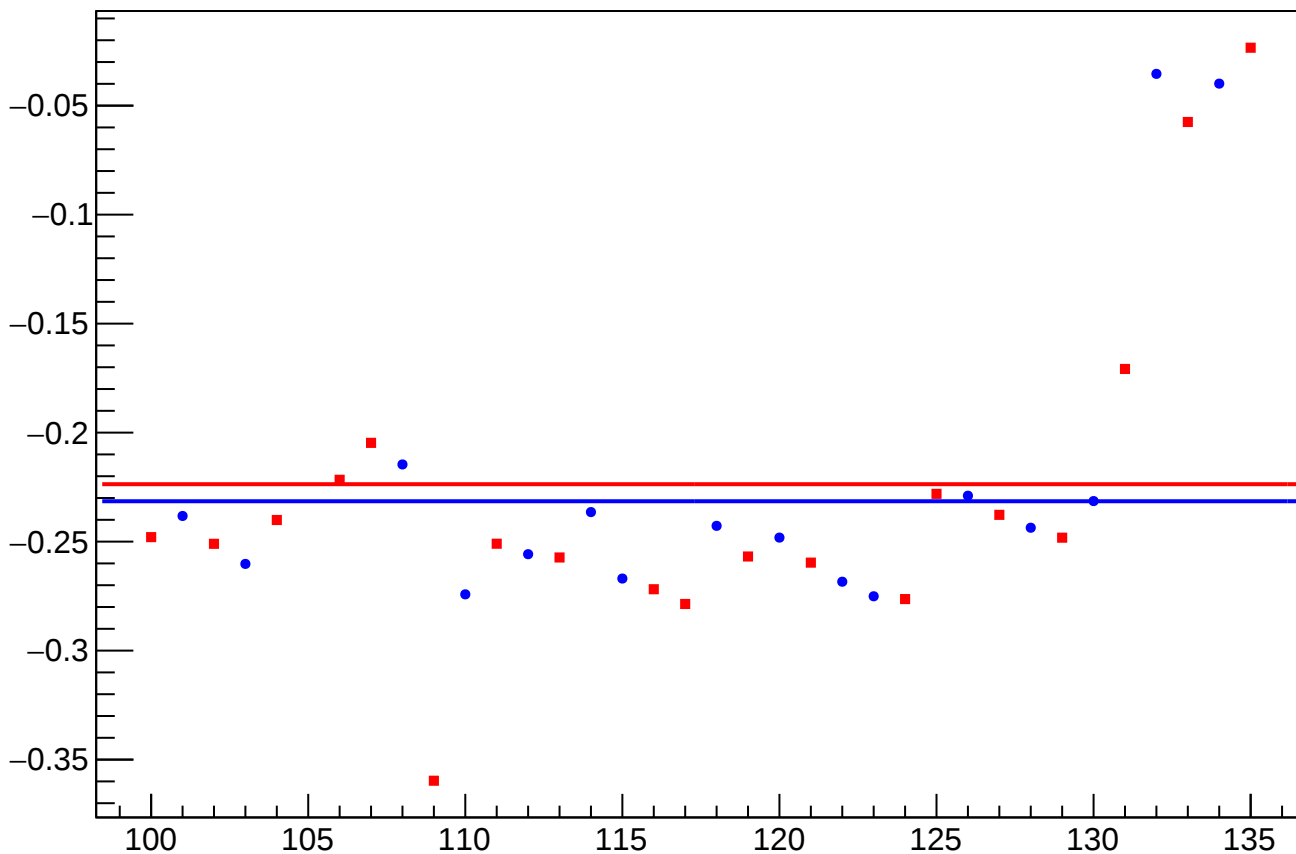
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 833799.9/15

0.016+/-0.000 χ^2/NDF : 2039821.7/34

0.015+/-0.000 χ^2/NDF : 1174337.3/18

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.231+/-0.000 χ^2 /NDF: 38178776.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.224+/-0.000 χ^2 /NDF: 96219000.0/18

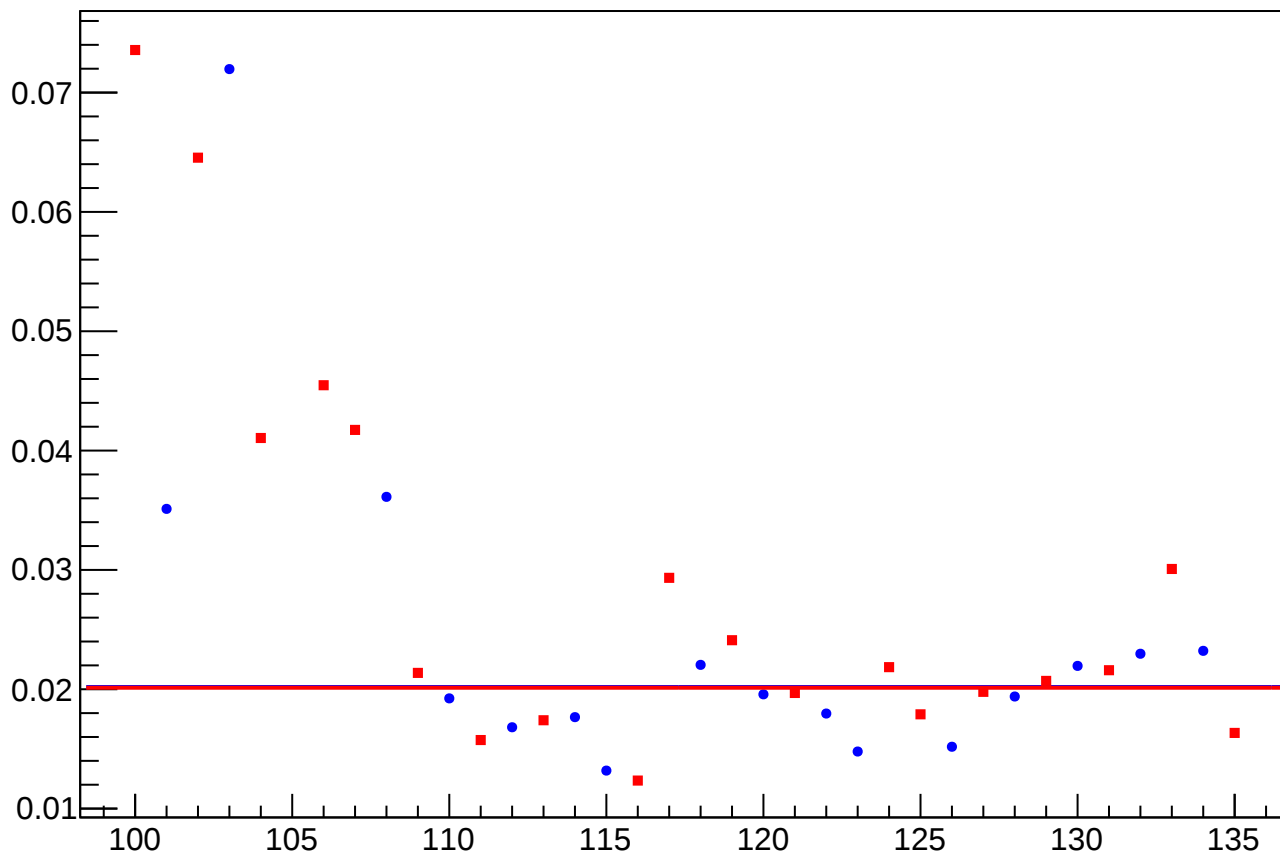
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.231+/-0.000 χ^2 /NDF: 38178776.6/15

-0.227+/-0.000 χ^2 /NDF: 134752107.9/34

-0.224+/-0.000 χ^2 /NDF: 96219000.0/18

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1078785.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1436165.0/18

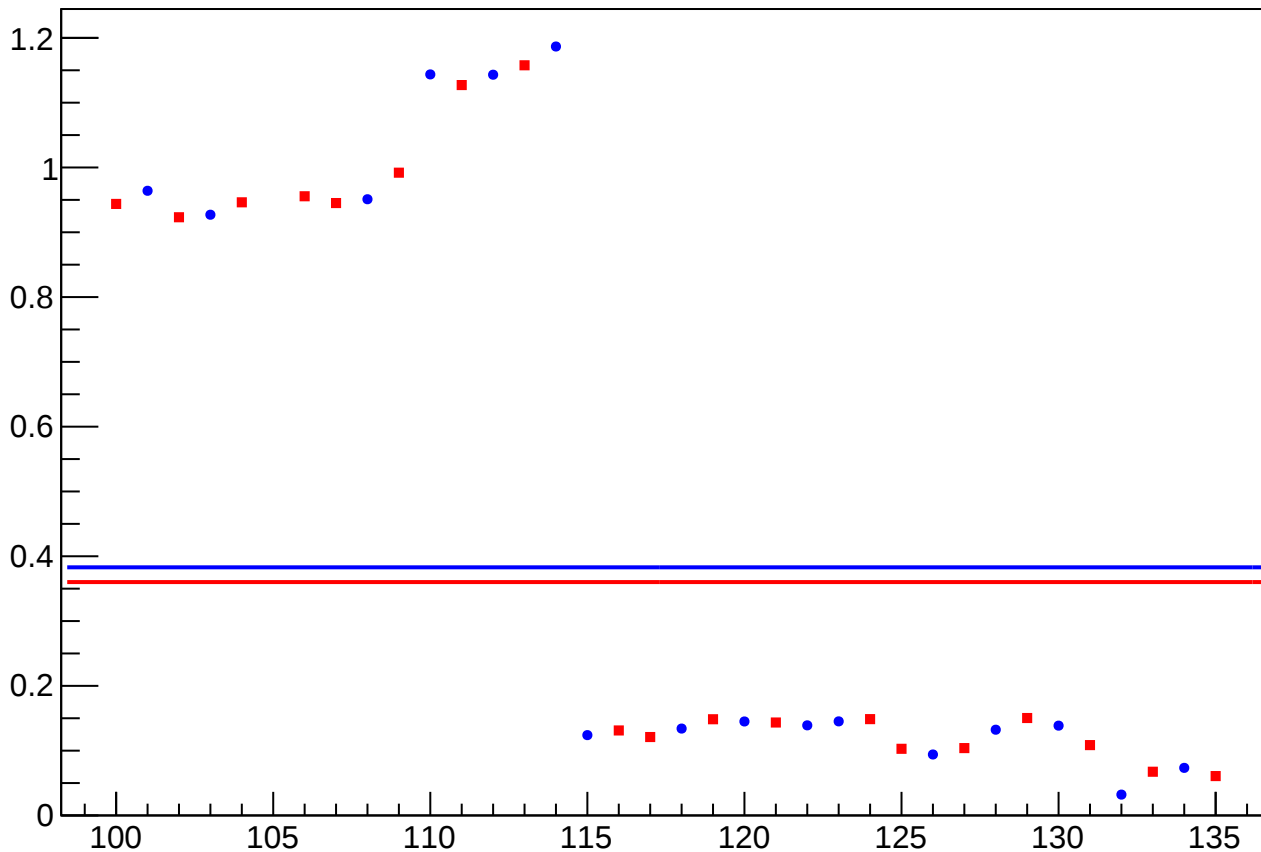
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1078785.1/15

0.020+/-0.000 χ^2/NDF : 2514988.2/34

0.020+/-0.000 χ^2/NDF : 1436165.0/18

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.383+/-0.000 χ^2/NDF : 4398771409.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.360+/-0.000 χ^2/NDF : 5255105587.1/18

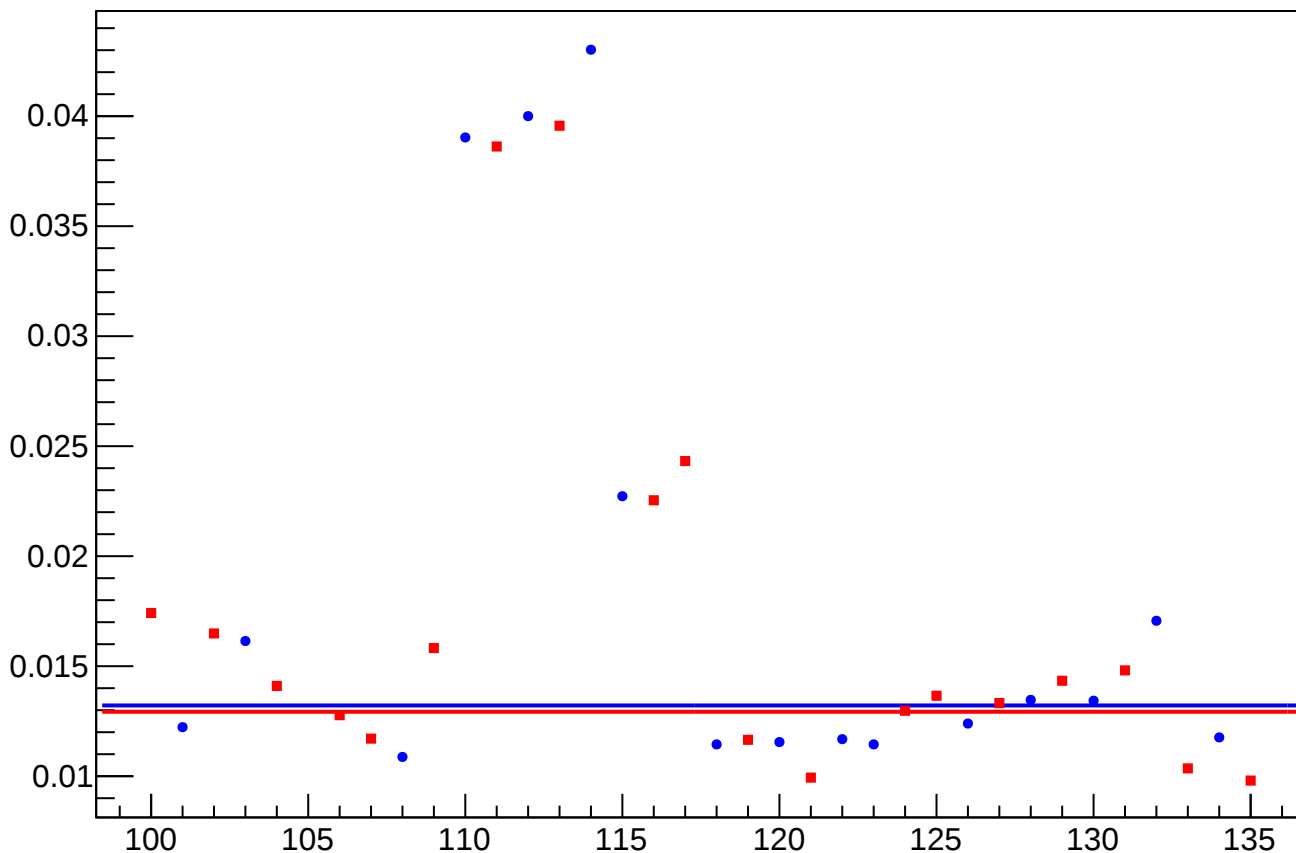
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.383+/-0.000 χ^2/NDF : 4398771409.6/15

0.370+/-0.000 χ^2/NDF : 9662016863.9/34

0.360+/-0.000 χ^2/NDF : 5255105587.1/18

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 995648.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1177738.7/18

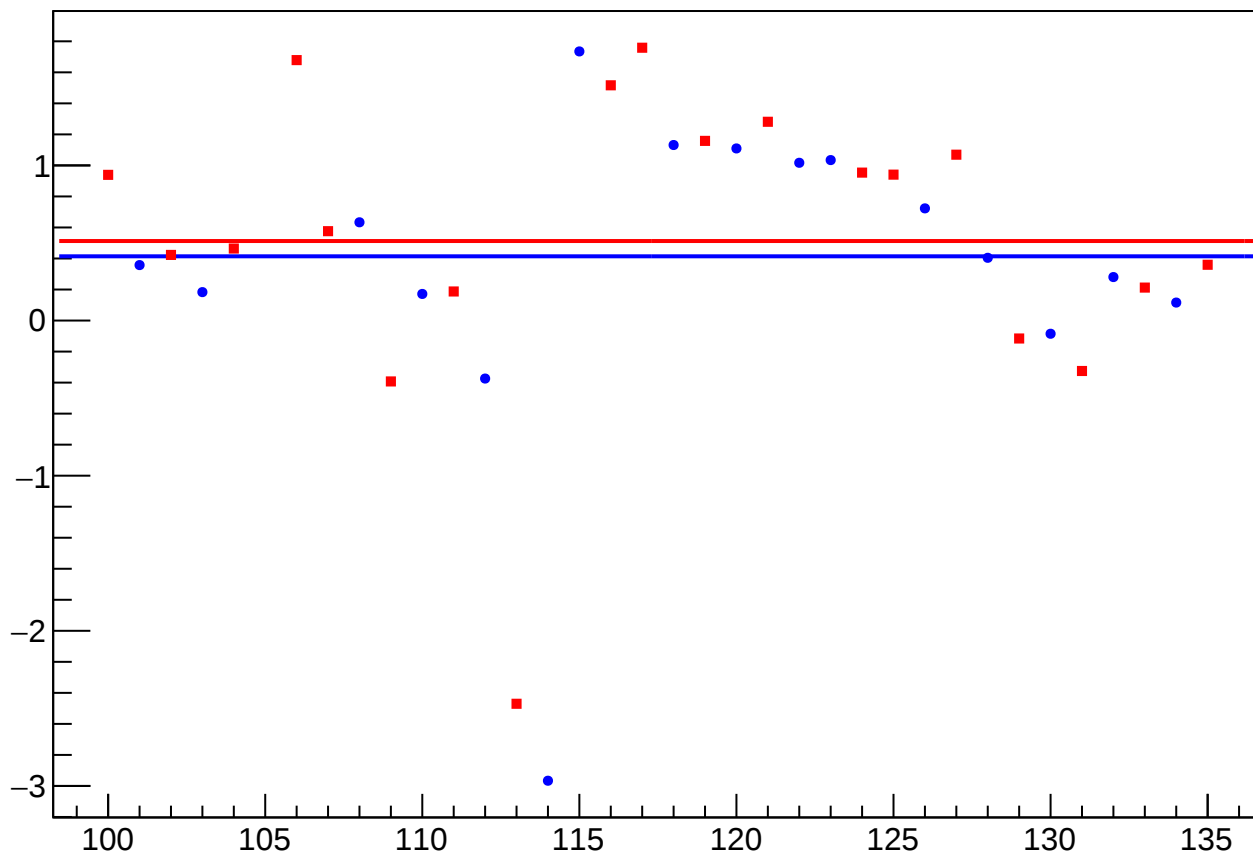
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 995648.8/15

0.013+/-0.000 χ^2/NDF : 2175968.6/34

0.013+/-0.000 χ^2/NDF : 1177738.7/18

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.414 $\pm$ 0.000 χ^2 /NDF: 233390586.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.513 $\pm$ 0.000 χ^2 /NDF: 993396169.4/18

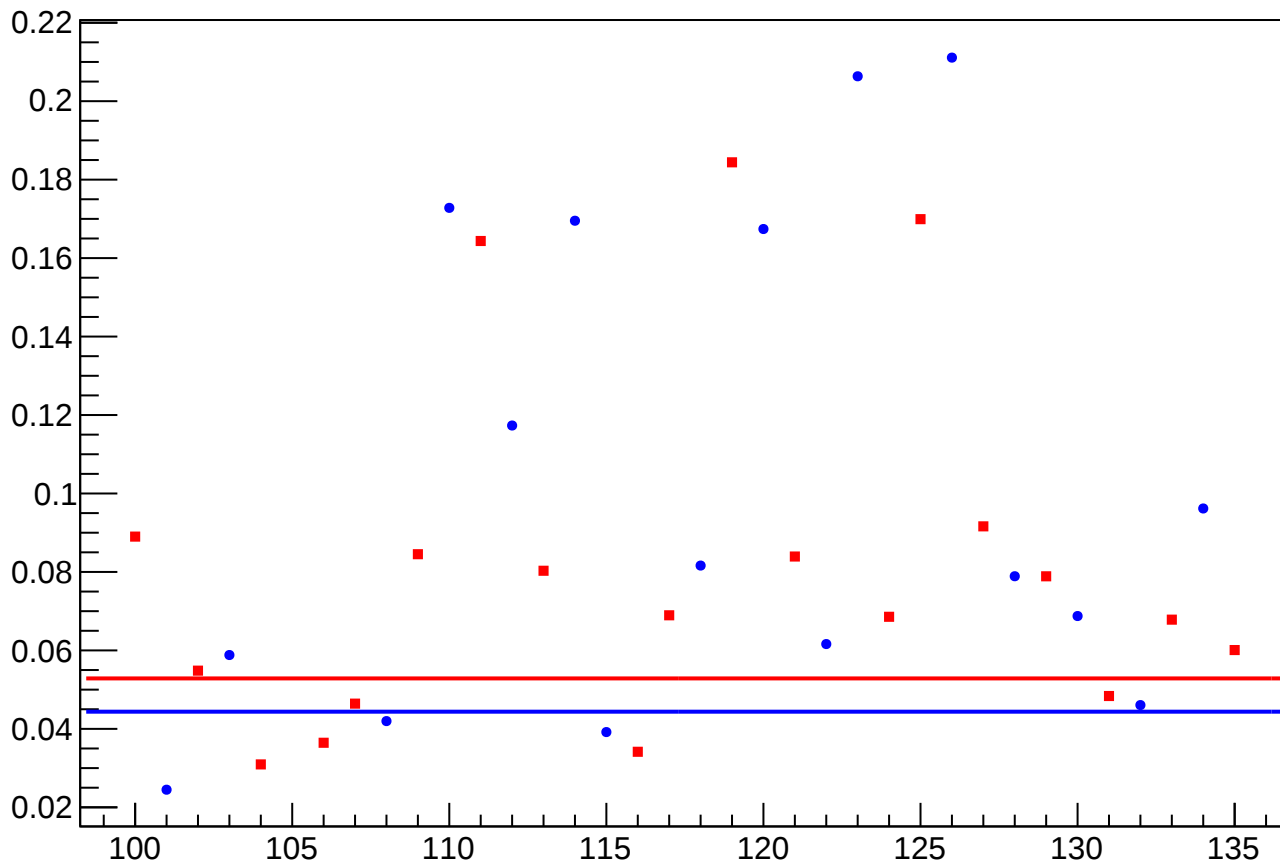
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.414 $\pm$ 0.000 χ^2 /NDF: 233390586.2/15

0.461 $\pm$ 0.000 χ^2 /NDF: 1234218230.7/34

0.513 $\pm$ 0.000 χ^2 /NDF: 993396169.4/18

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2824995.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 2191707.8/18

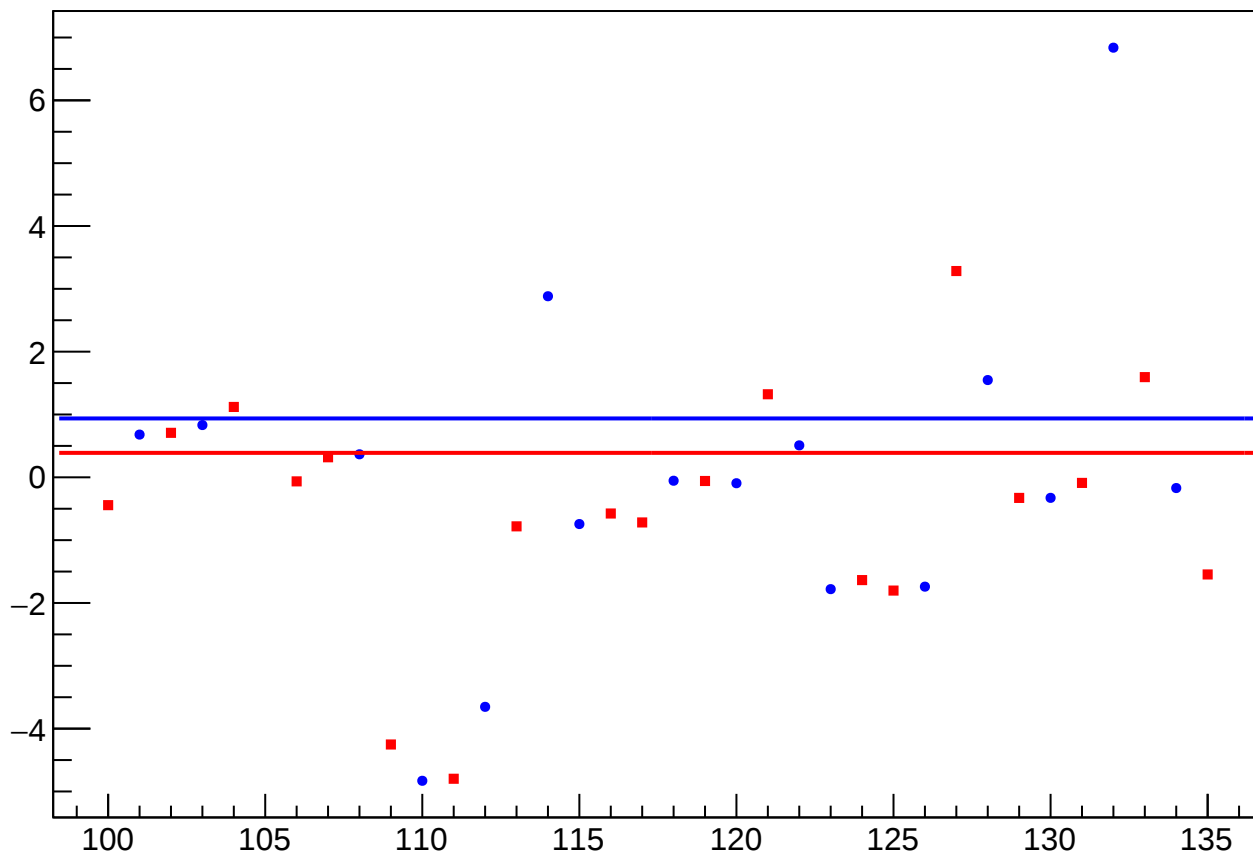
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 2824995.4/15

0.048+/-0.000 χ^2/NDF : 5126779.5/34

0.053+/-0.000 χ^2/NDF : 2191707.8/18

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.937 $\pm$ 0.000 χ^2 /NDF: 10073697526.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.389 $\pm$ 0.000 χ^2 /NDF: 4860384446.4/18

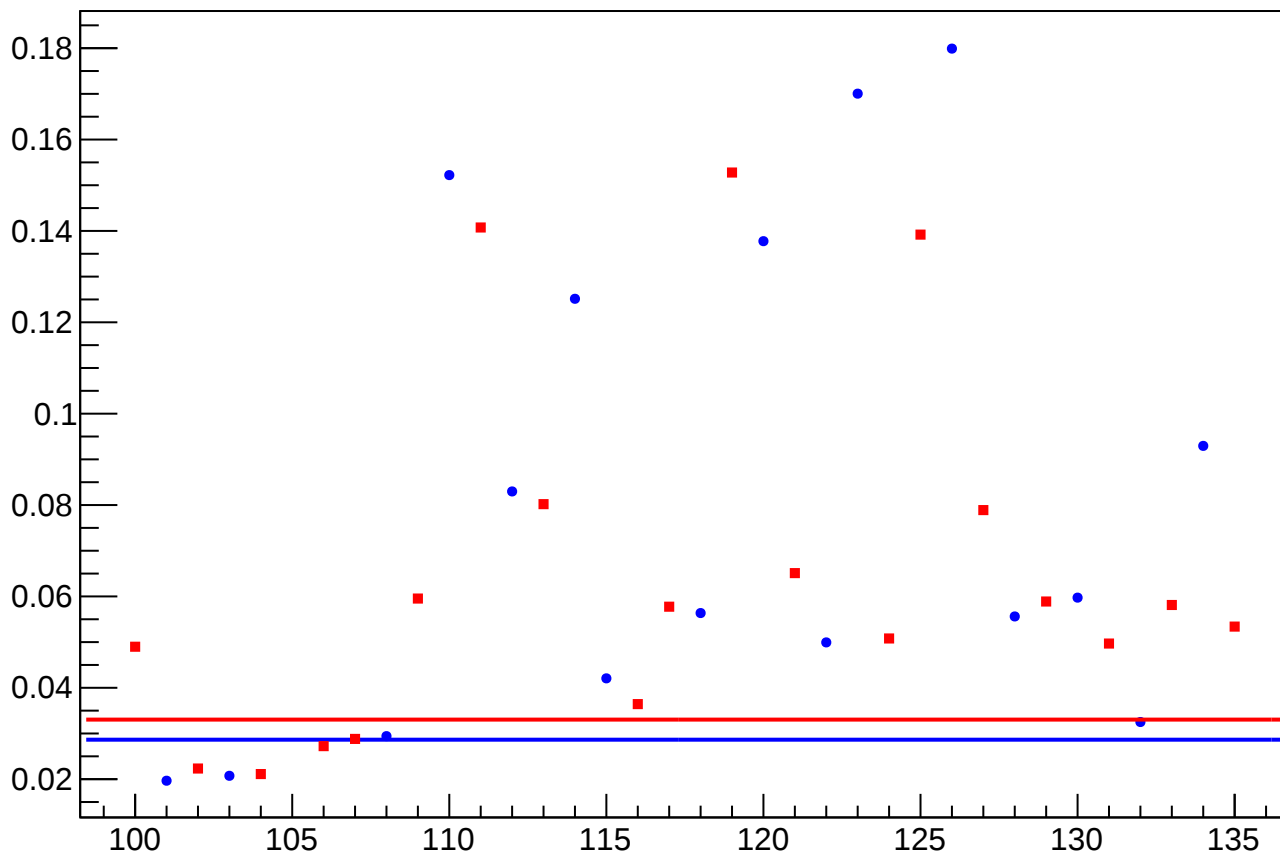
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.937 $\pm$ 0.000 χ^2 /NDF: 10073697526.1/15

0.673 $\pm$ 0.000 χ^2 /NDF: 15473291776.4/3

0.389 $\pm$ 0.000 χ^2 /NDF: 4860384446.4/18

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 2958948.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 3089355.1/18

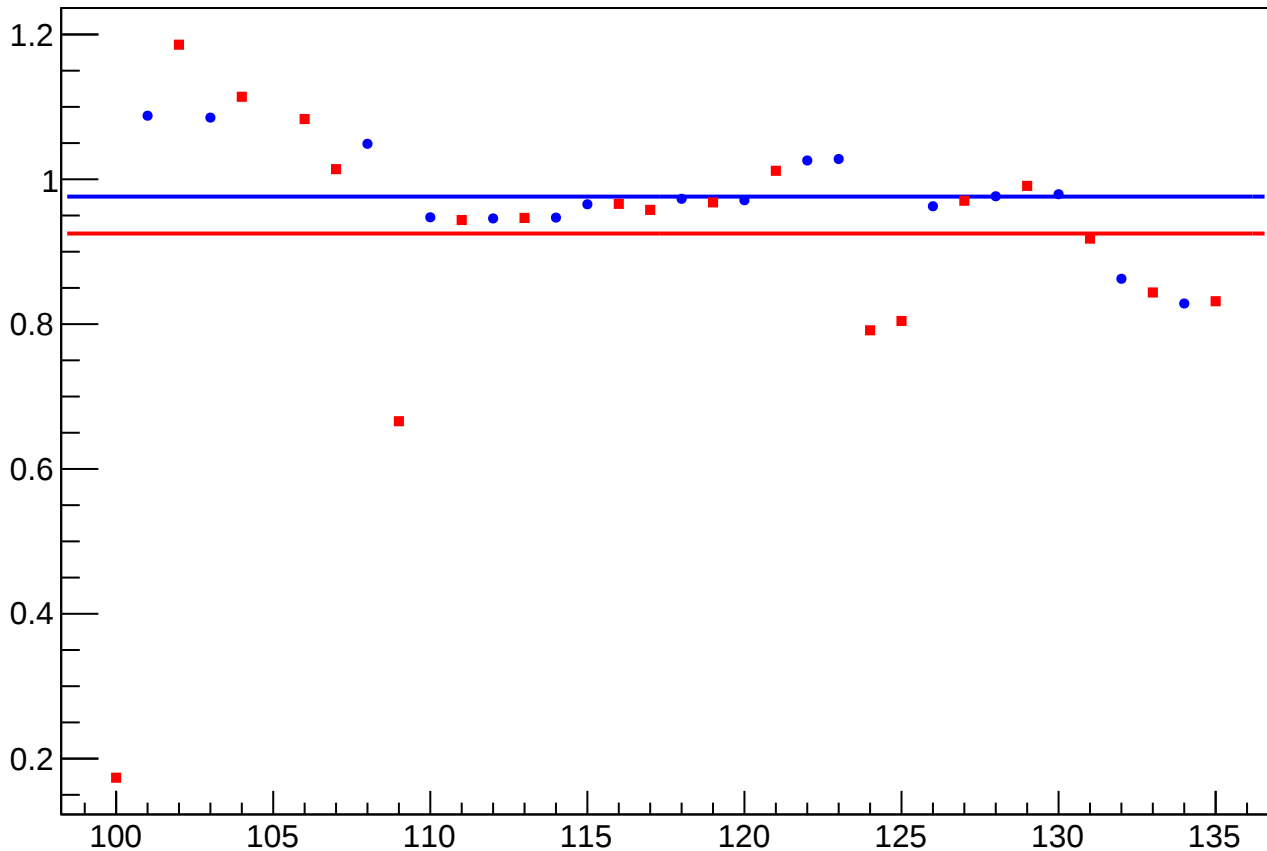
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 2958948.2/15

0.031+/-0.000 χ^2/NDF : 6117797.4/34

0.033+/-0.000 χ^2/NDF : 3089355.1/18

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.976+/-0.000 χ^2/NDF : 88919088.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.925+/-0.000 χ^2/NDF : 364031230.7/18

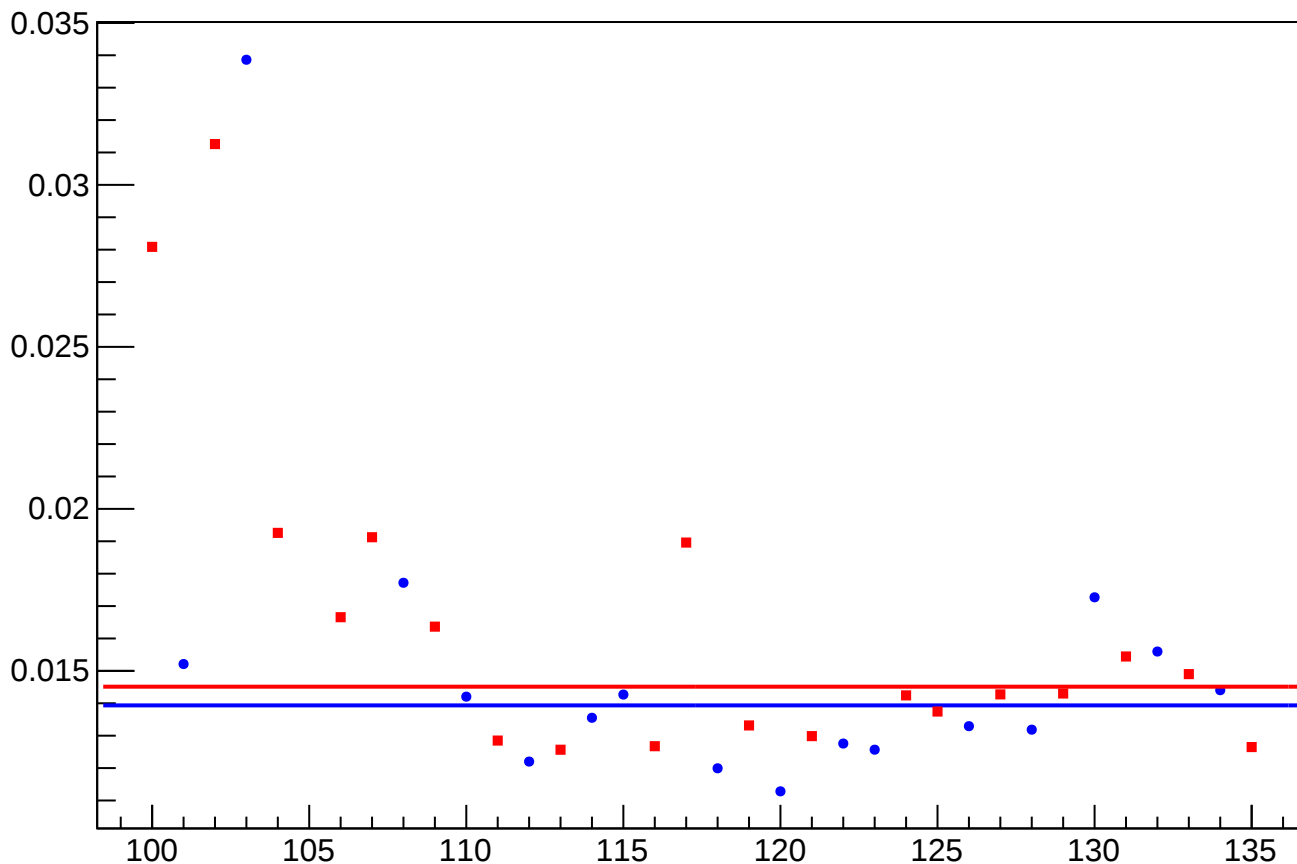
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.976+/-0.000 χ^2/NDF : 88919088.0/15

0.950+/-0.000 χ^2/NDF : 488179965.3/34

0.925+/-0.000 χ^2/NDF : 364031230.7/18

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 529109.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 494757.8/18

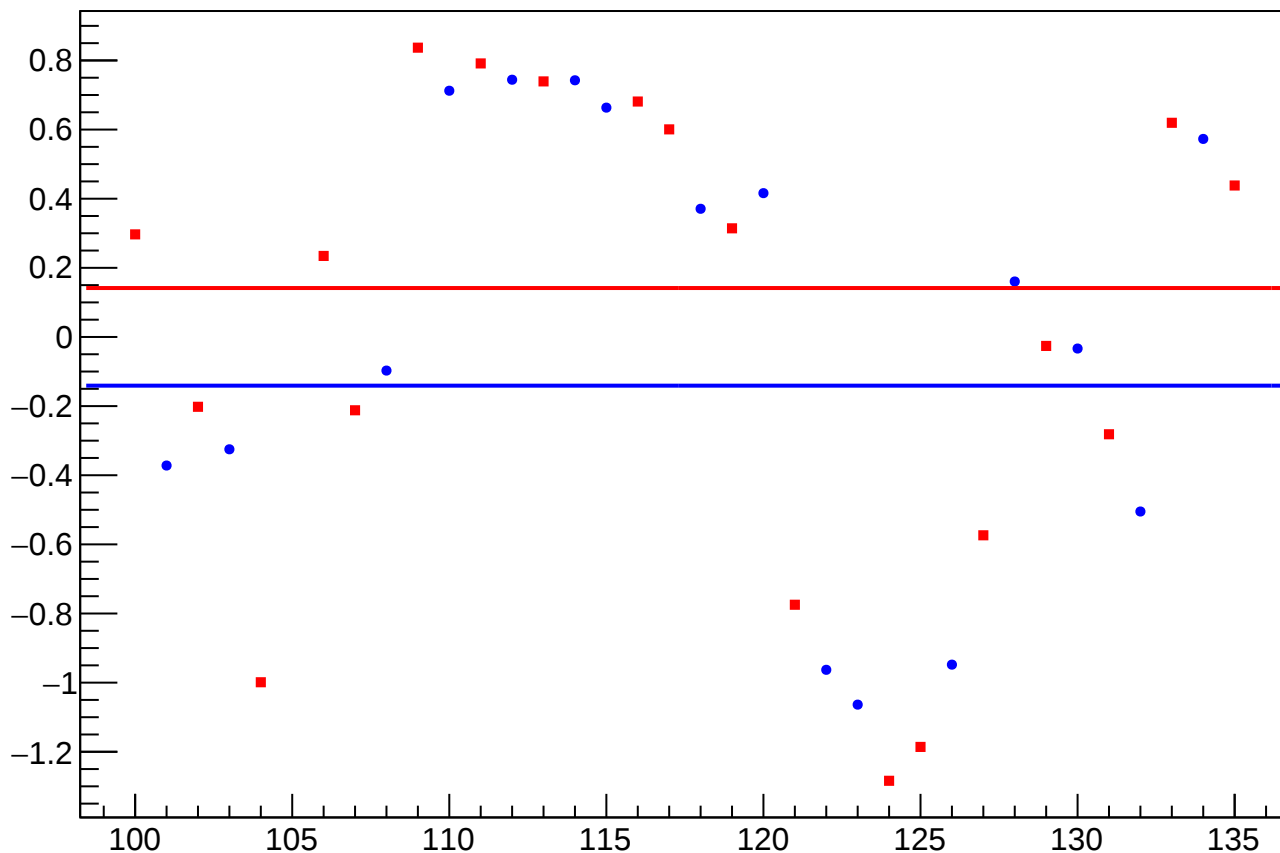
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 529109.4/15

0.014+/-0.000 χ^2/NDF : 1032907.7/34

0.015+/-0.000 χ^2/NDF : 494757.8/18

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.141+/-0.000 χ^2/NDF : 4991905887.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.142+/-0.000 χ^2/NDF : 12615568290.4/18

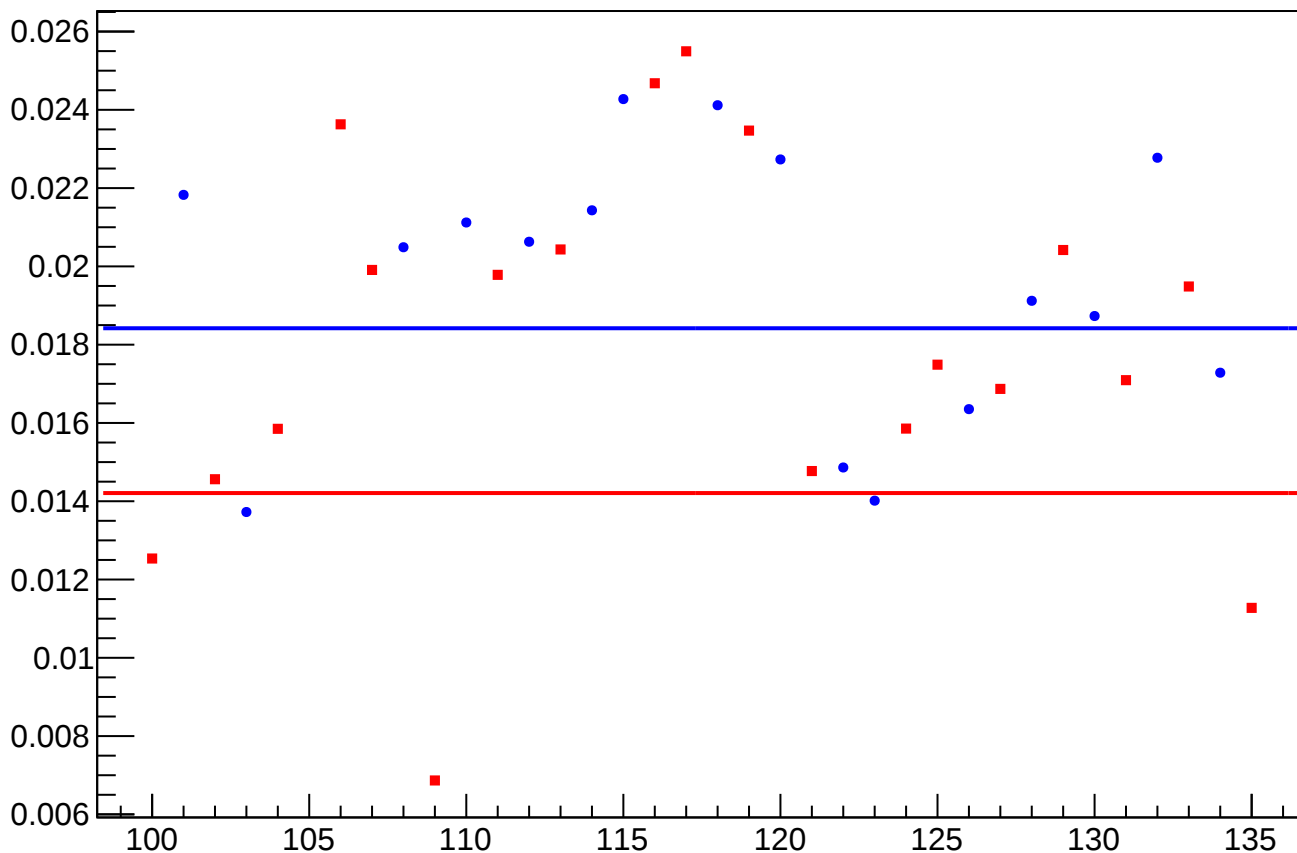
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.141+/-0.000 χ^2/NDF : 4991905887.7/15

0.039+/-0.000 χ^2/NDF : 18394505490.3/3

0.142+/-0.000 χ^2/NDF : 12615568290.4/18

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 366021.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1535952.8/18

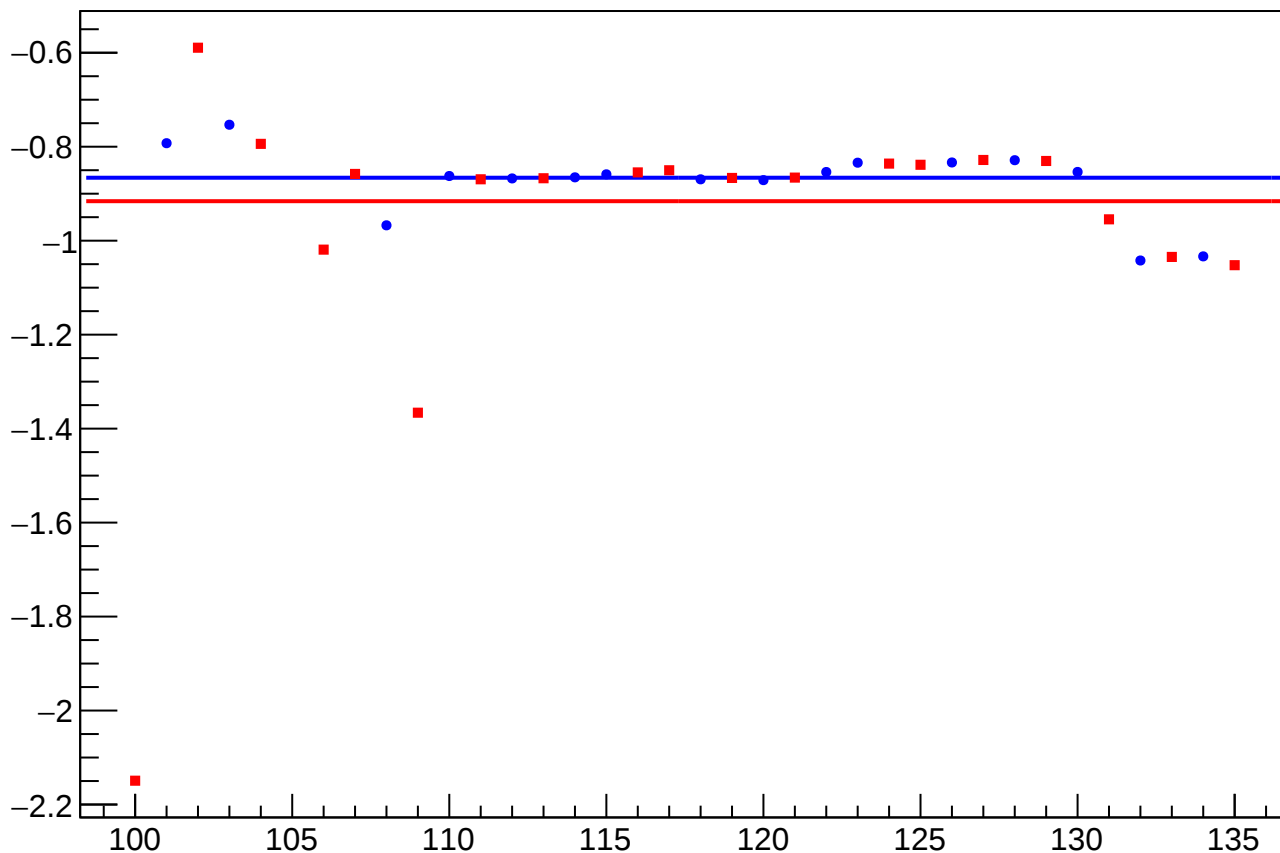
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 366021.1/15

0.016+/-0.000 χ^2/NDF : 2251859.2/34

0.014+/-0.000 χ^2/NDF : 1535952.8/18

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.866+/-0.000 χ^2 /NDF: 19856264.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.916+/-0.000 χ^2 /NDF: 128360647.9/18

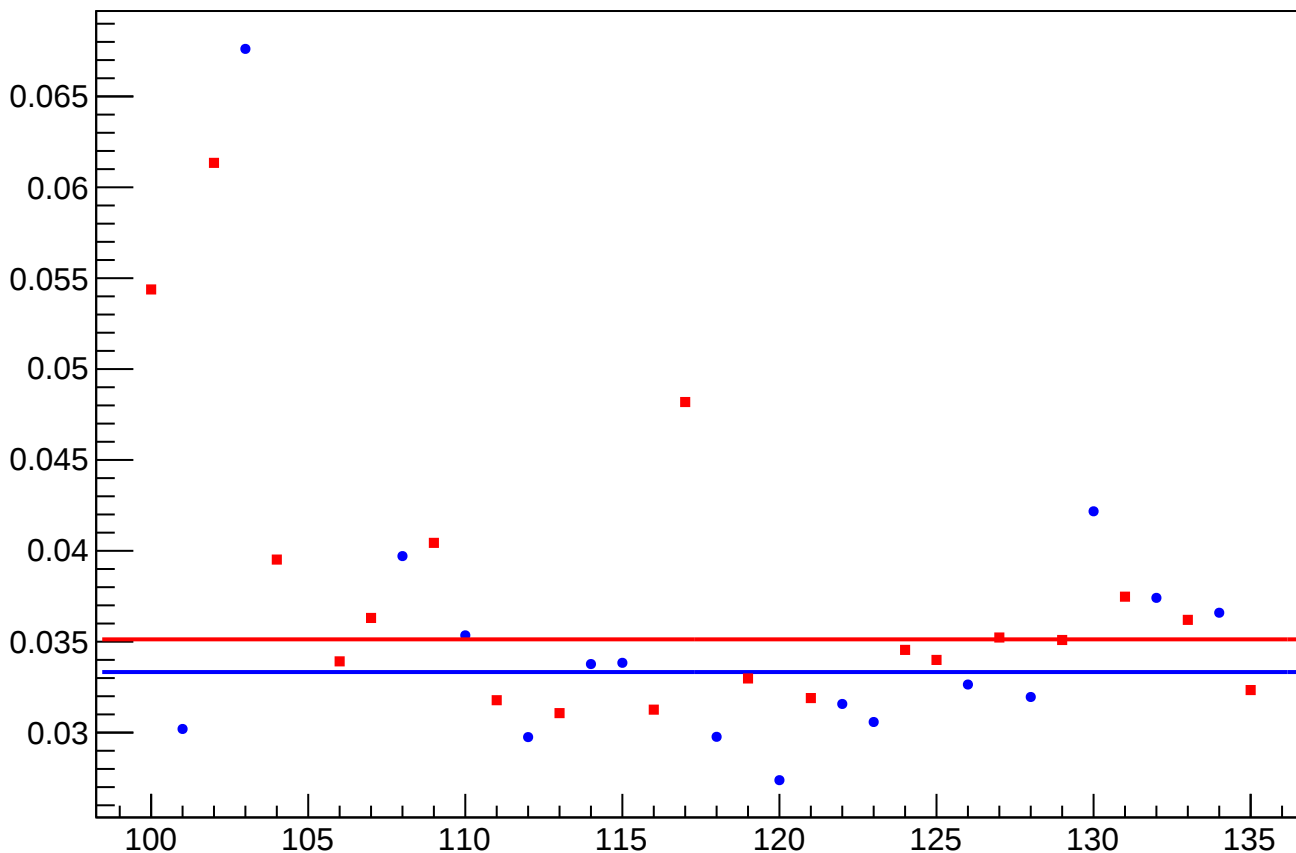
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.866+/-0.000 χ^2 /NDF: 19856264.0/15

-0.892+/-0.000 χ^2 /NDF: 154114035.1/34

-0.916+/-0.000 χ^2 /NDF: 128360647.9/18

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 404730.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 272262.8/18

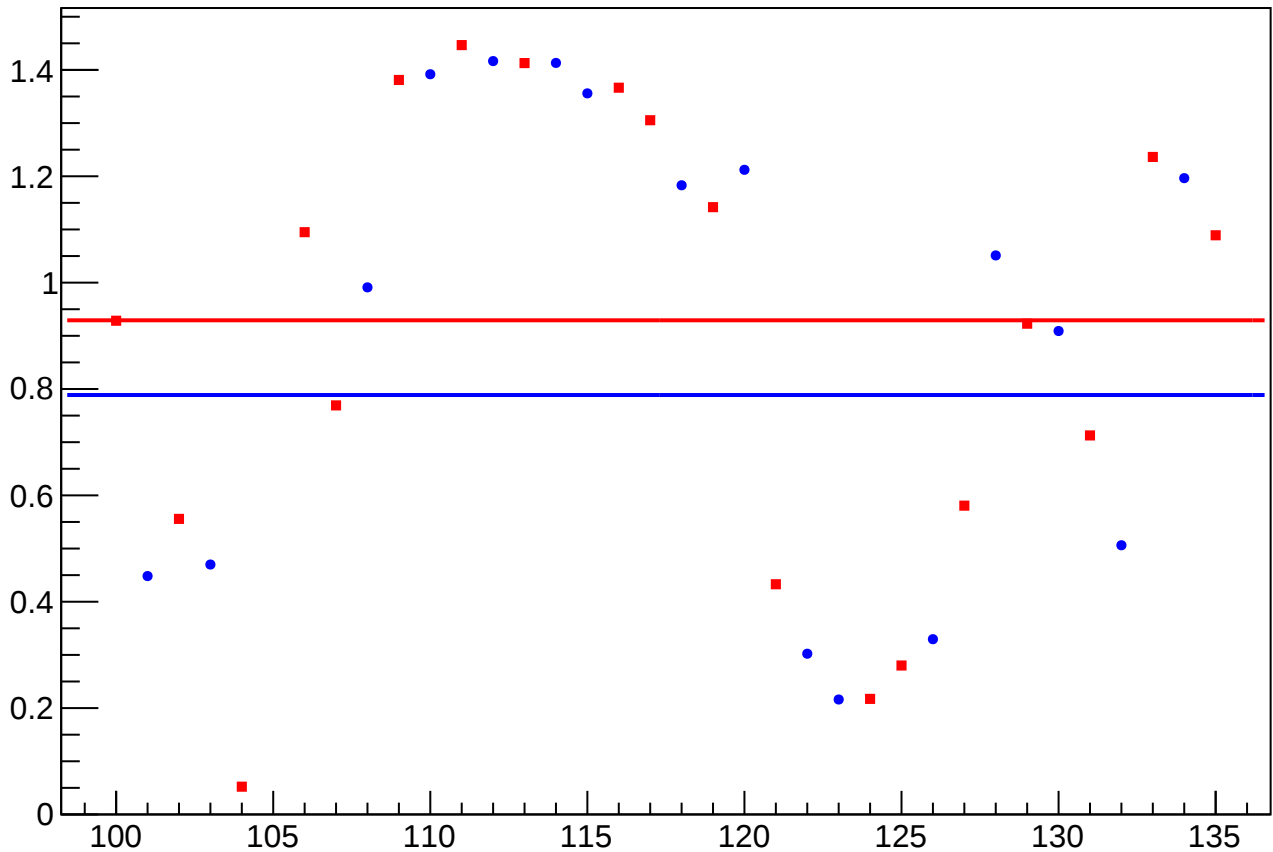
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 404730.9/15

0.034+/-0.000 χ^2/NDF : 692296.8/34

0.035+/-0.000 χ^2/NDF : 272262.8/18

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.789+/-0.000 χ^2/NDF : 5631866080.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.929+/-0.000 χ^2/NDF : 9815324489.4/18

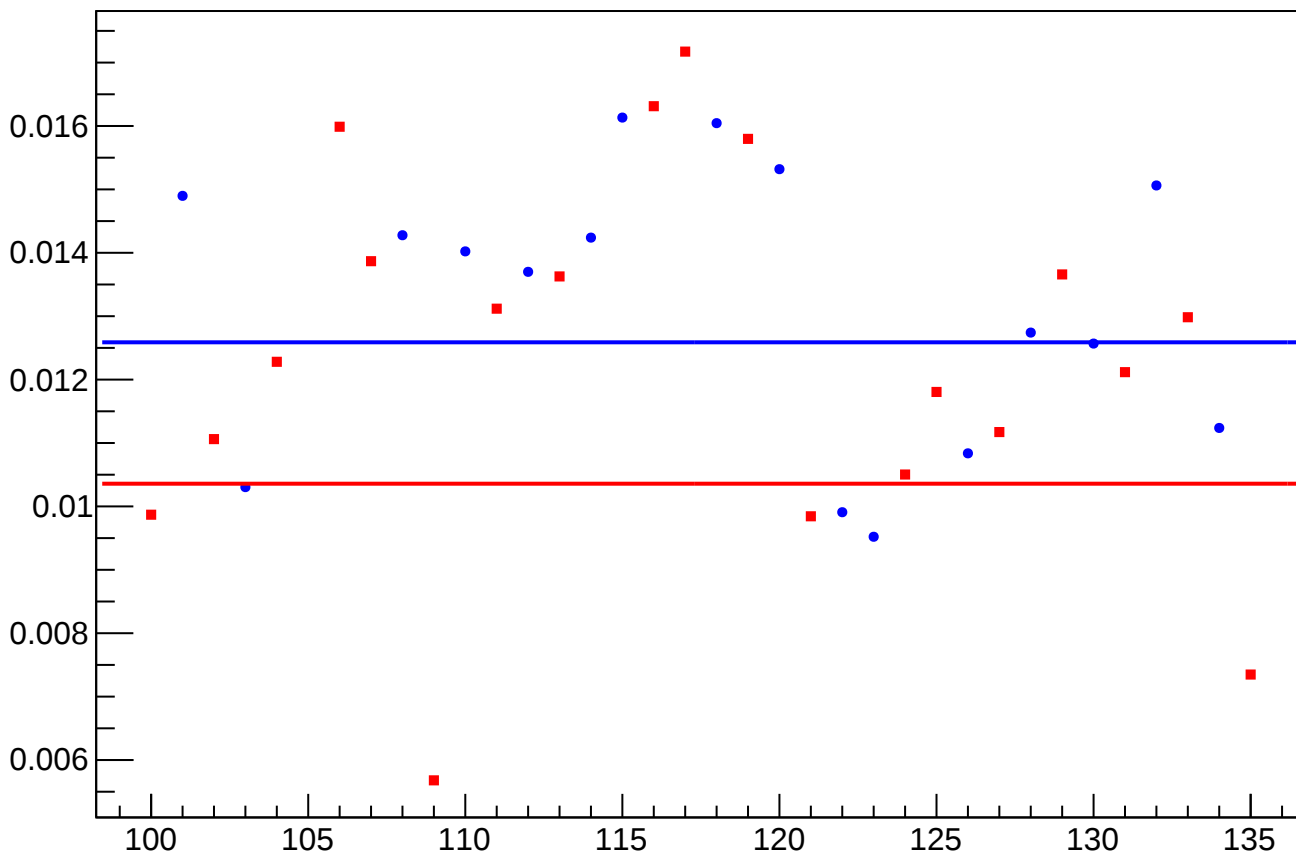
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.789+/-0.000 χ^2/NDF : 5631866080.4/15

0.875+/-0.000 χ^2/NDF : 15853114295.9/3

0.929+/-0.000 χ^2/NDF : 9815324489.4/18

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 286530.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1102452.2/18

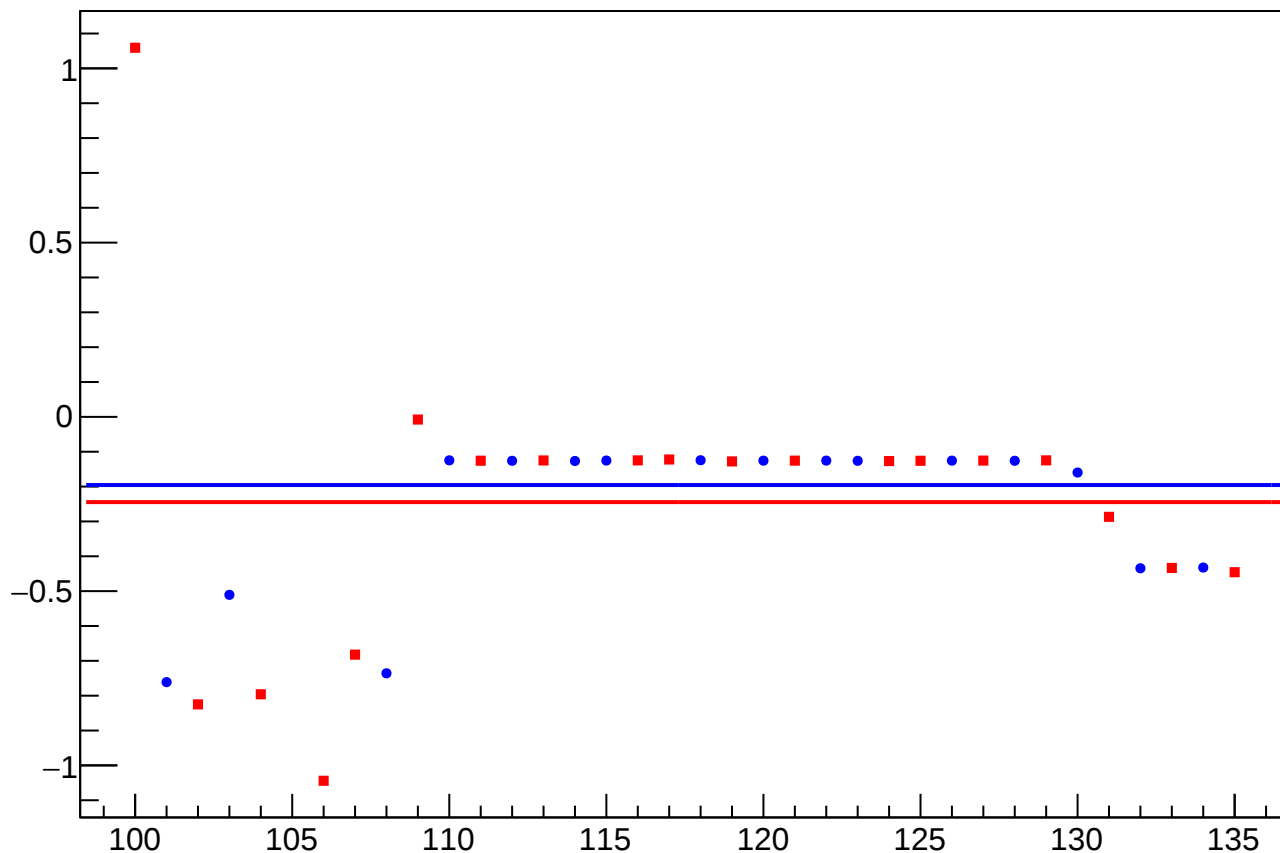
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 286530.8/15

0.011+/-0.000 χ^2/NDF : 1593553.8/34

0.010+/-0.000 χ^2/NDF : 1102452.2/18

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.196+/-0.000 χ^2/NDF : 527141771.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.245+/-0.000 χ^2/NDF : 914978663.2/18

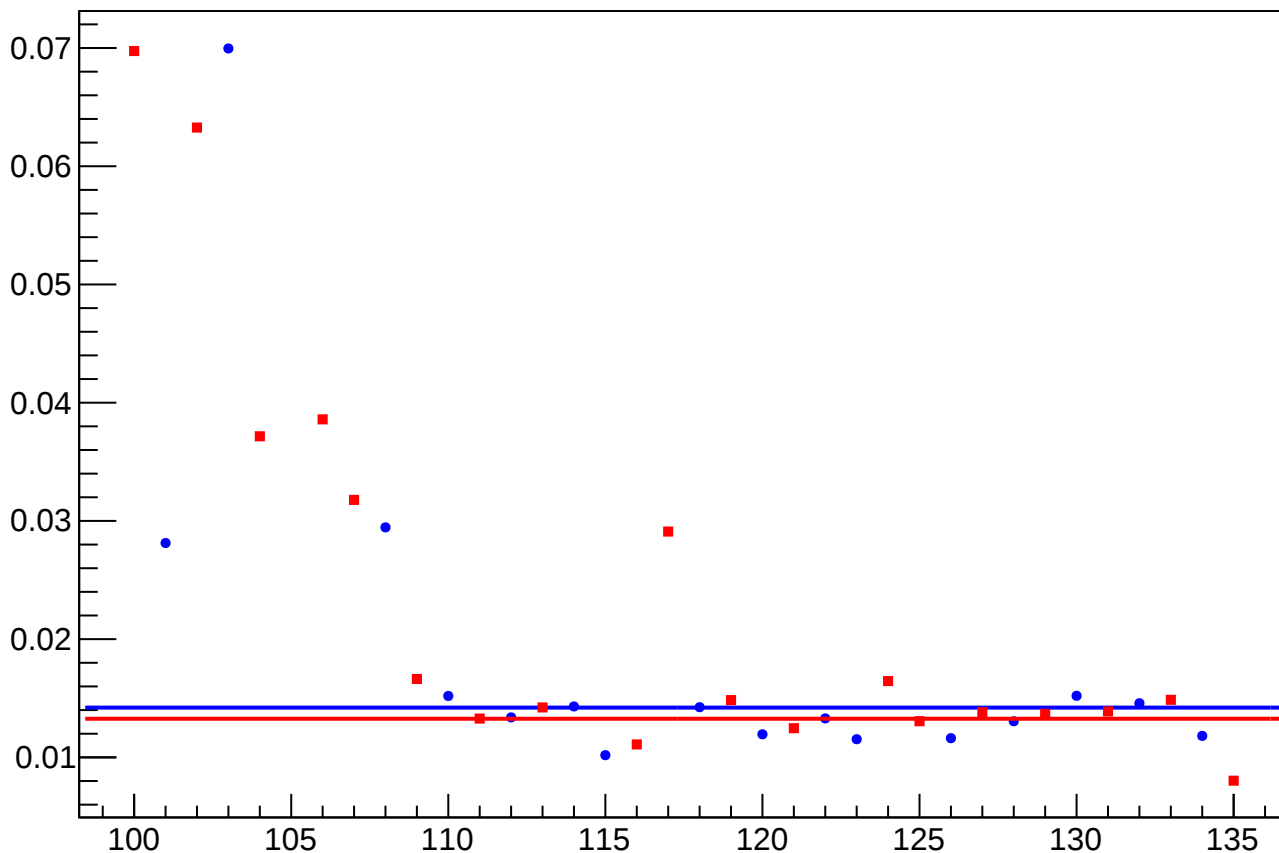
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.196+/-0.000 χ^2/NDF : 527141771.2/15

-0.223+/-0.000 χ^2/NDF : 1470612135.9/3

-0.245+/-0.000 χ^2/NDF : 914978663.2/18

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1197306.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1842480.9/18

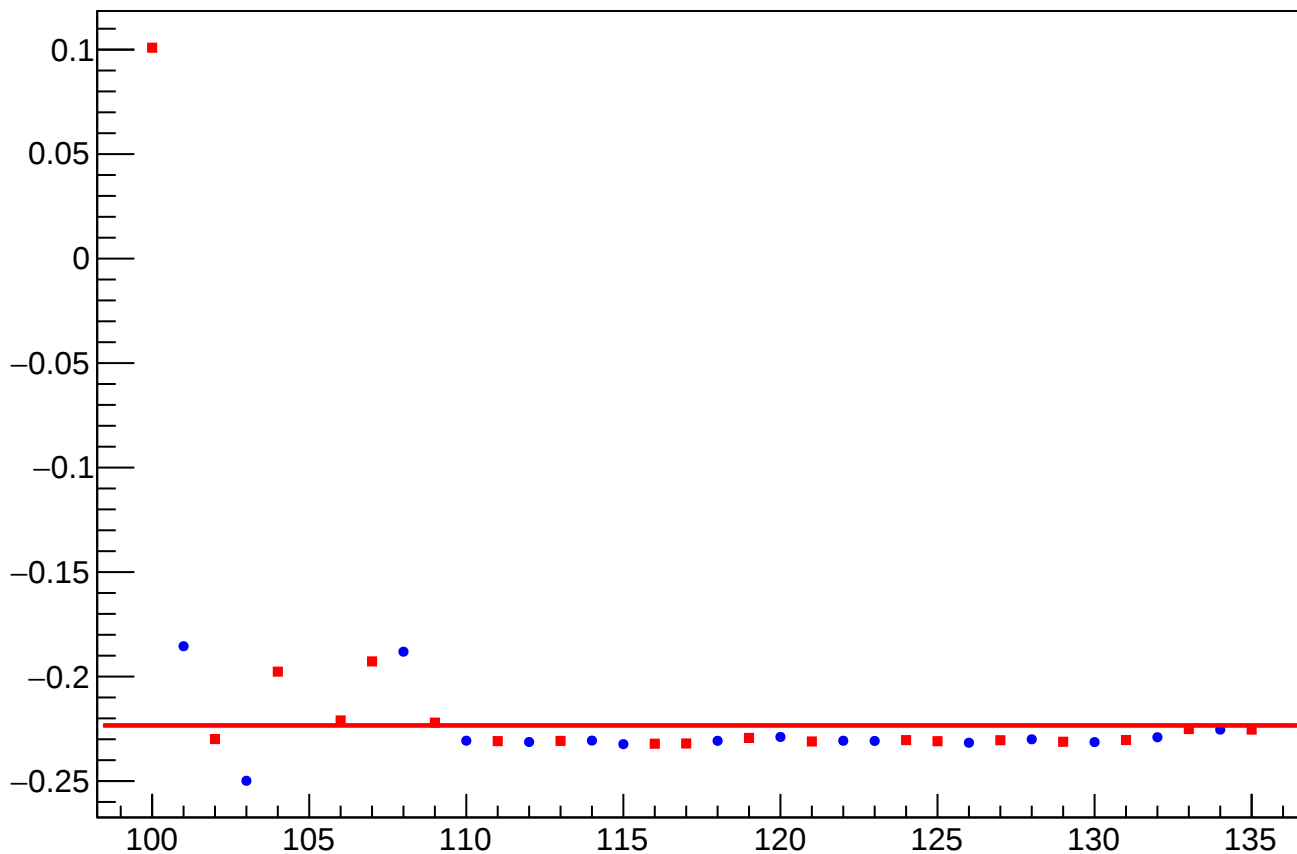
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1197306.1/15

0.014+/-0.000 χ^2/NDF : 3060889.9/34

0.013+/-0.000 χ^2/NDF : 1842480.9/18

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 74128218.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 168123188.3/18

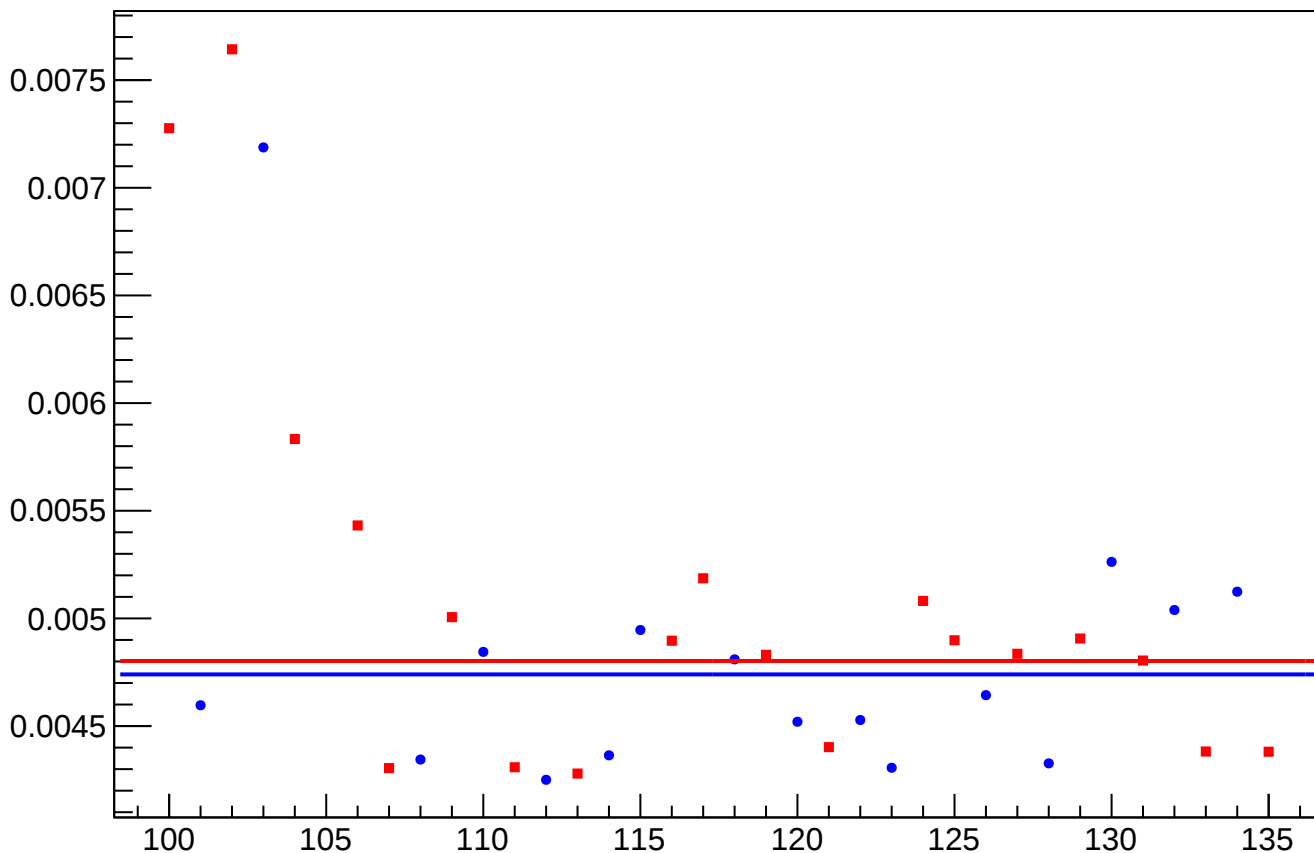
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.223+/-0.000 χ^2/NDF : 74128218.8/15

-0.223+/-0.000 χ^2/NDF : 242253860.7/34

-0.223+/-0.000 χ^2/NDF : 168123188.3/18

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 168963.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 245407.4/18

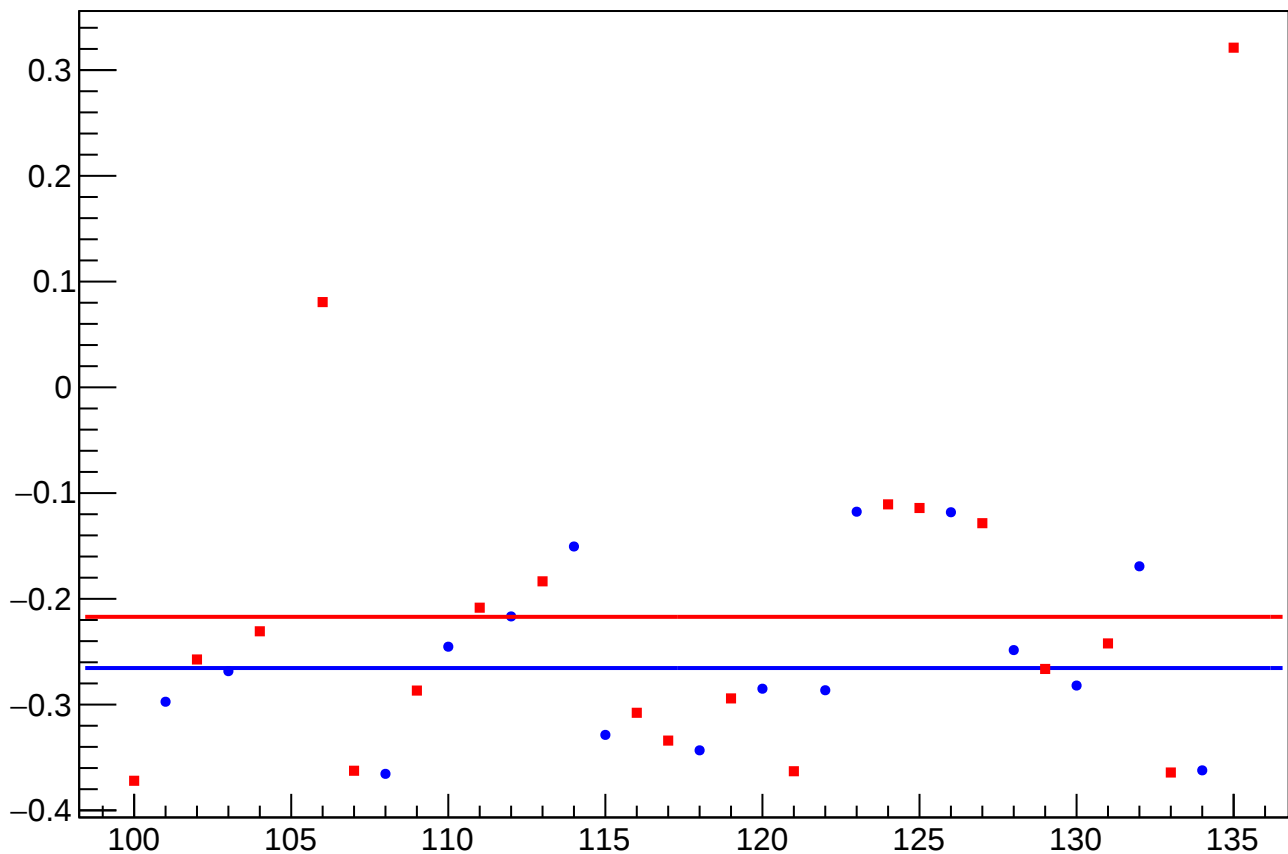
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 168963.7/15

0.005+/-0.000 χ^2/NDF : 415345.2/34

0.005+/-0.000 χ^2/NDF : 245407.4/18

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.265+/-0.000 χ^2/NDF : 583504586.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.217+/-0.000 χ^2/NDF : 3715830920.6/18

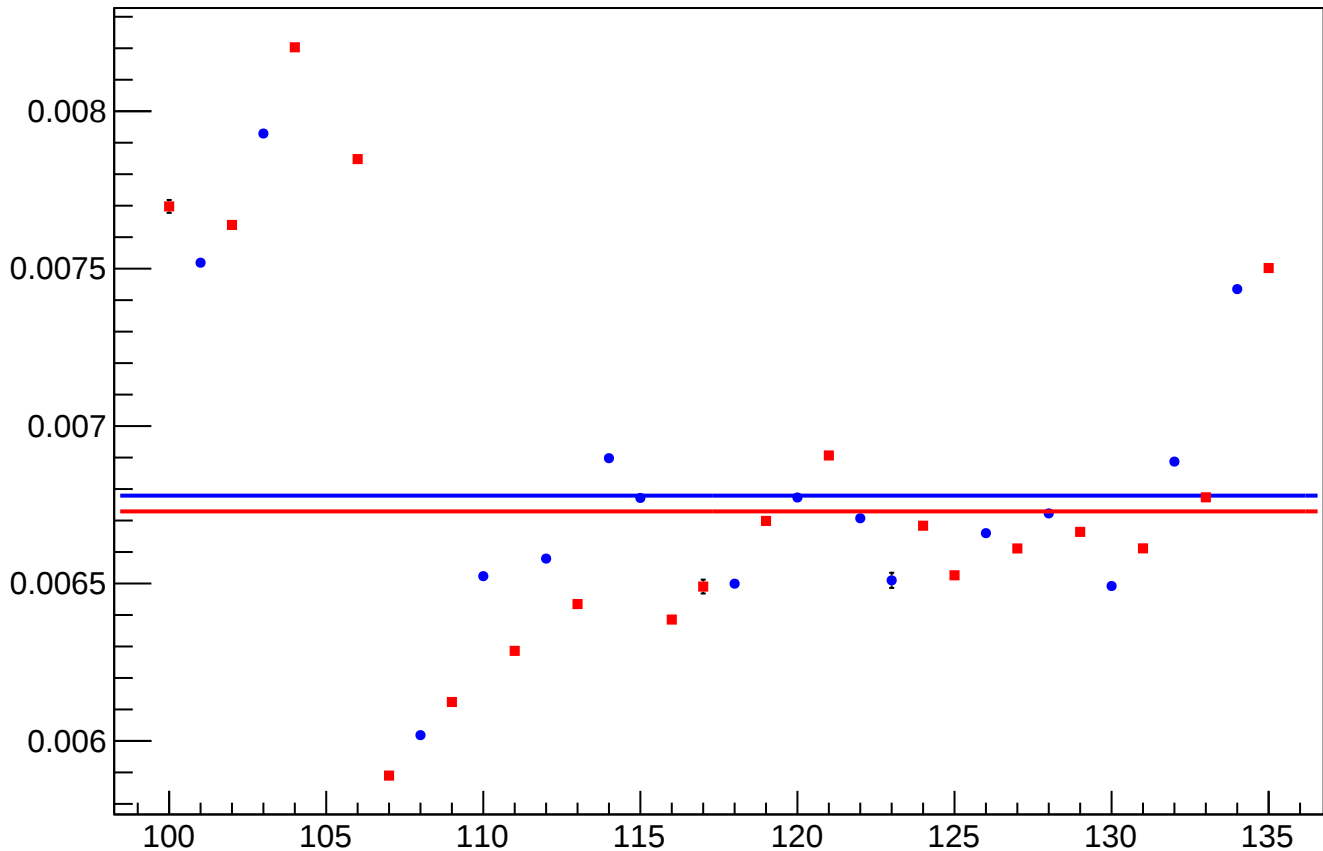
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.265+/-0.000 χ^2/NDF : 583504586.4/15

-0.239+/-0.000 χ^2/NDF : 4458776724.3/3

-0.217+/-0.000 χ^2/NDF : 3715830920.6/18

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 56374.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 99817.3/18

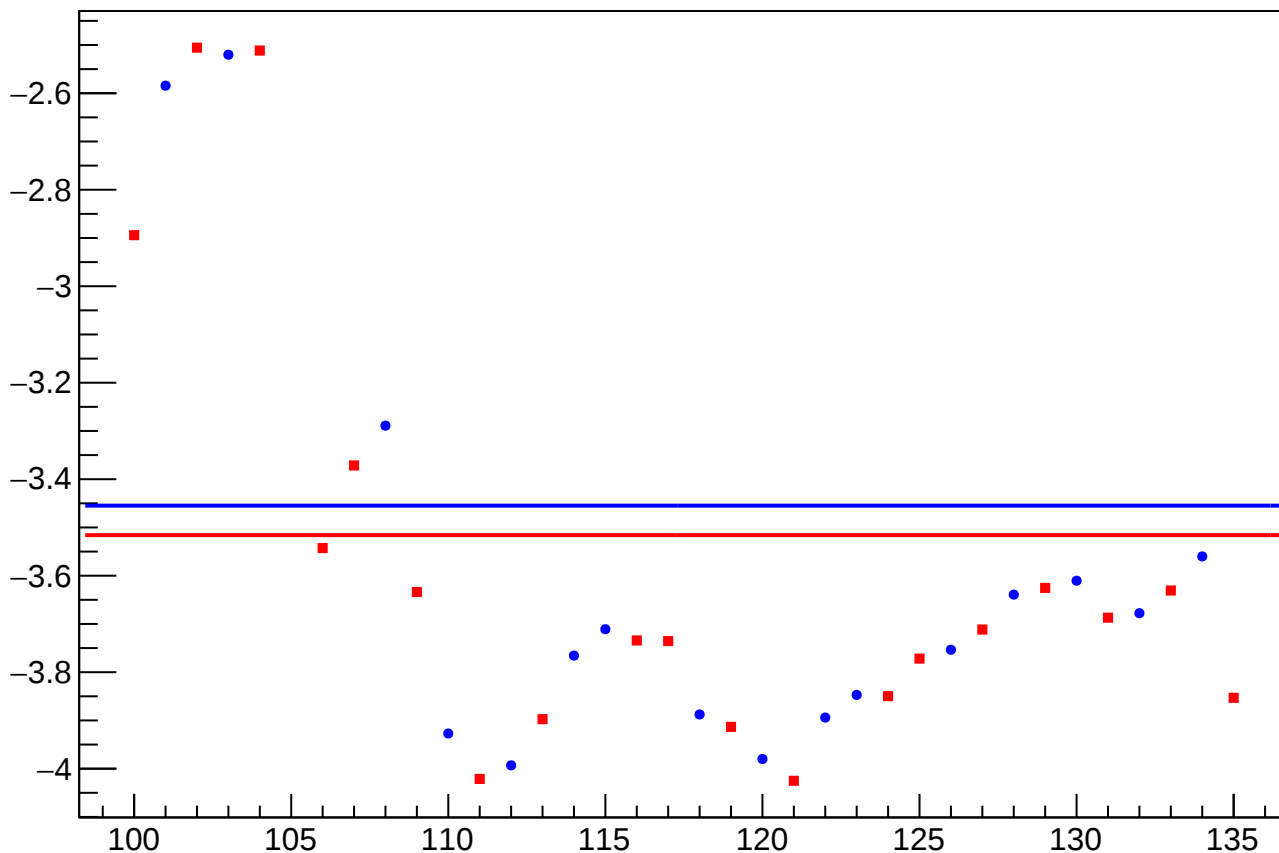
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 56374.2/15

0.007+/-0.000 χ^2/NDF : 156532.8/34

0.007+/-0.000 χ^2/NDF : 99817.3/18

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.455+/-0.000 χ^2/NDF : 26415934735.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.455+/-0.000 χ^2/NDF : 26415934735.8/15

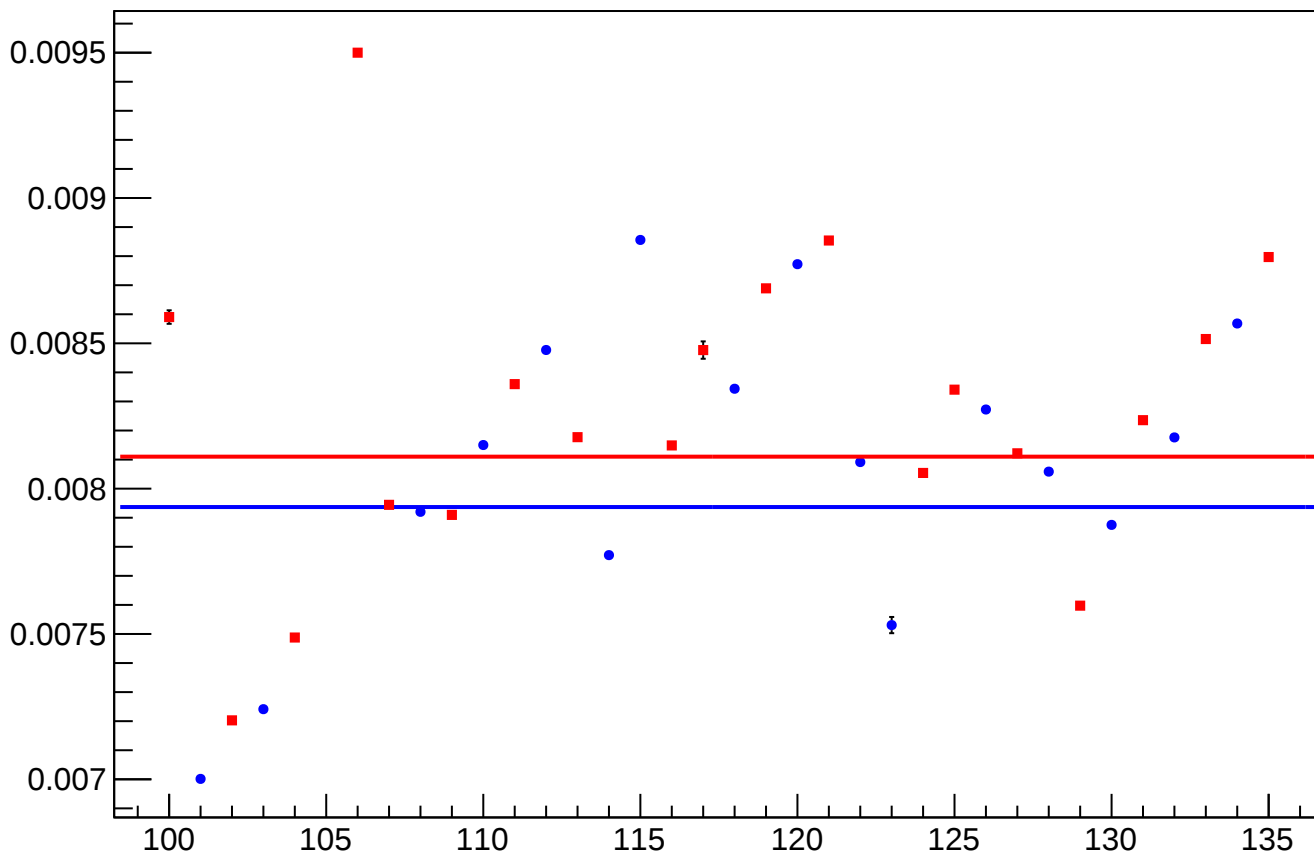
Right Out: -3.516+/-0.000 χ^2/NDF : 26310756641.9/18

-3.487+/-0.000 χ^2/NDF : 52905104543.5/3

-3.516+/-0.000 χ^2/NDF : 26310756641.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 50696.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 53673.2/18

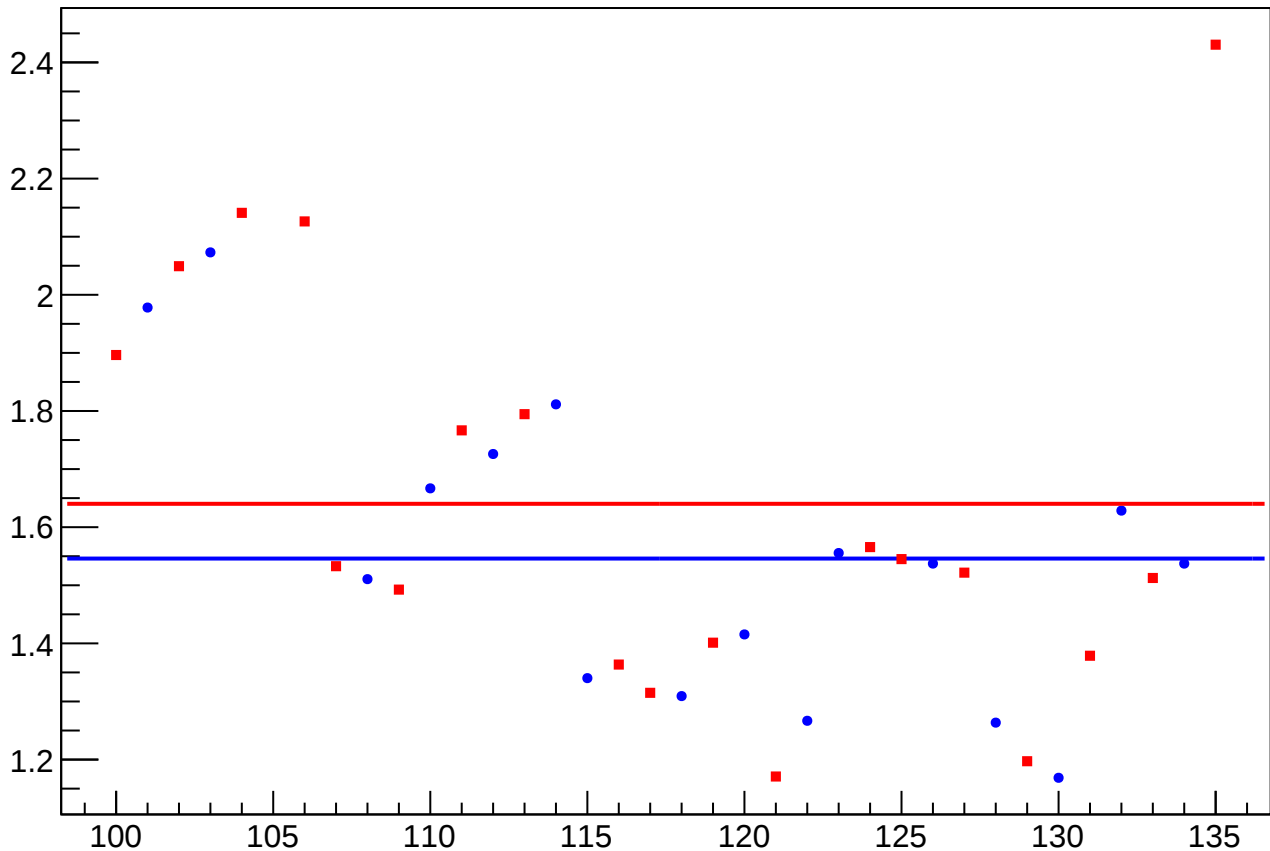
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 50696.1/15

0.008+/-0.000 χ^2/NDF : 107235.4/34

0.008+/-0.000 χ^2/NDF : 53673.2/18

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.546+/-0.000 χ^2/NDF : 2871996520.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.640+/-0.000 χ^2/NDF : 5172887233.3/18

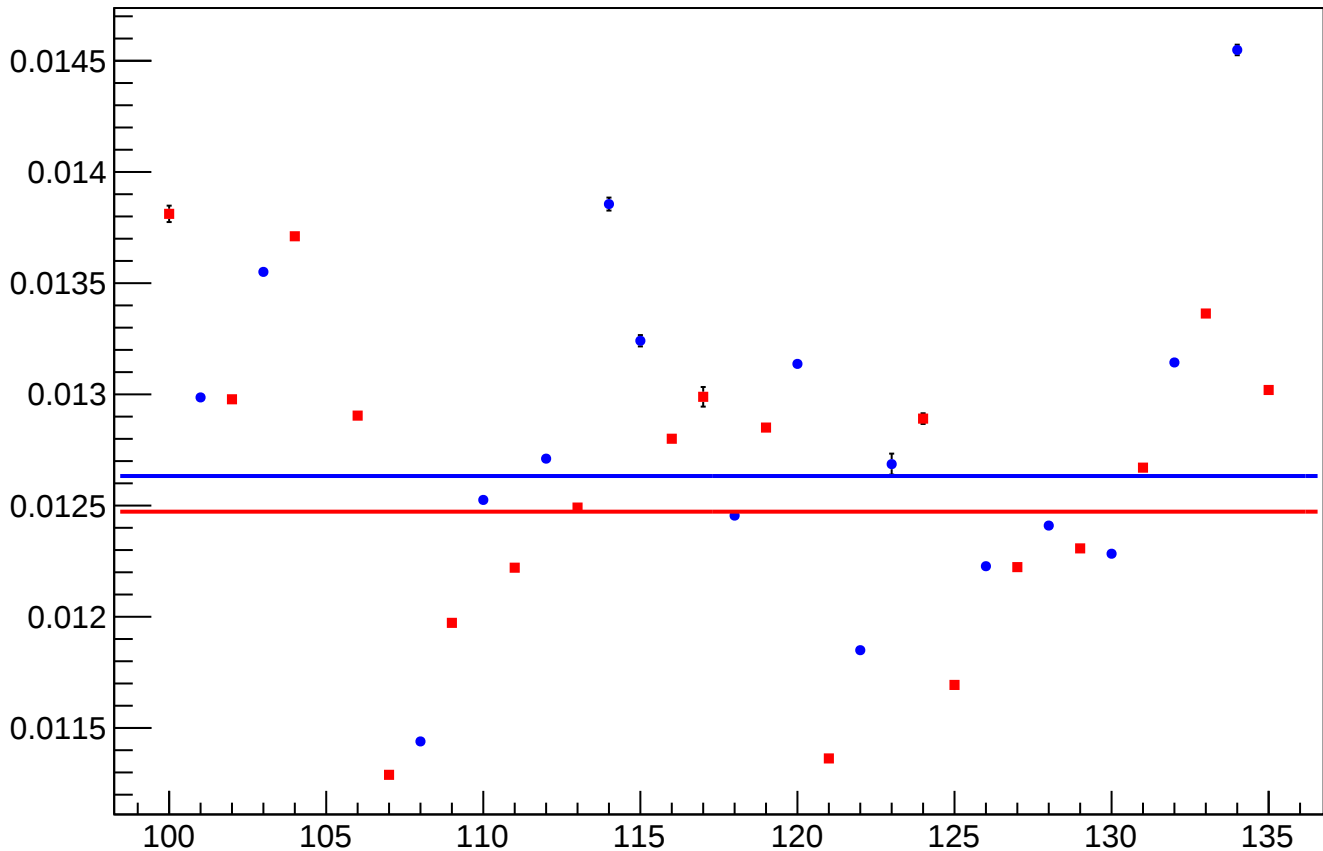
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.546+/-0.000 χ^2/NDF : 2871996520.8/15

1.597+/-0.000 χ^2/NDF : 8219492196.9/34

1.640+/-0.000 χ^2/NDF : 5172887233.3/18

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 30851.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 39121.5/18

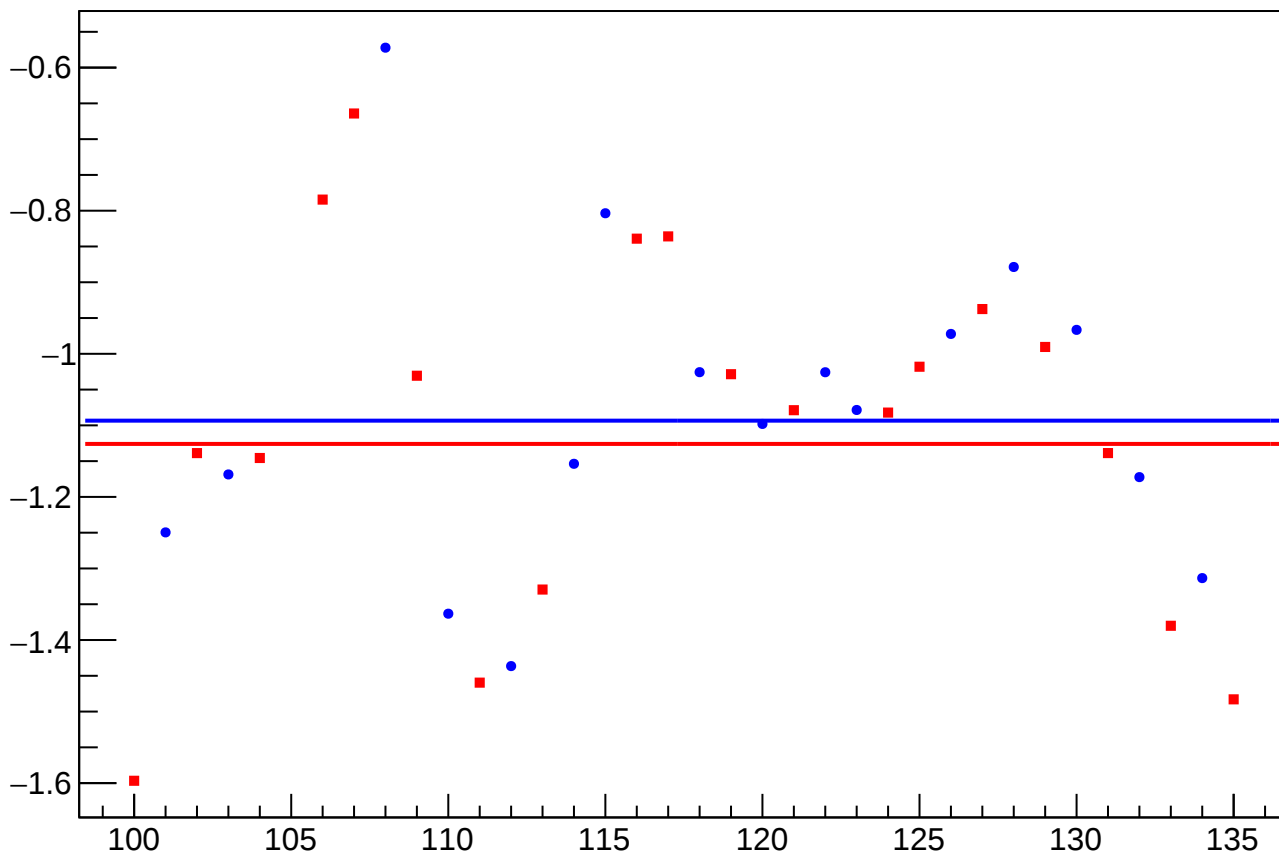
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 30851.7/15

0.013+/-0.000 χ^2/NDF : 70983.6/34

0.012+/-0.000 χ^2/NDF : 39121.5/18

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.093+/-0.000 χ^2/NDF : 2931069222.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.126+/-0.000 χ^2/NDF : 3529671801.1/18

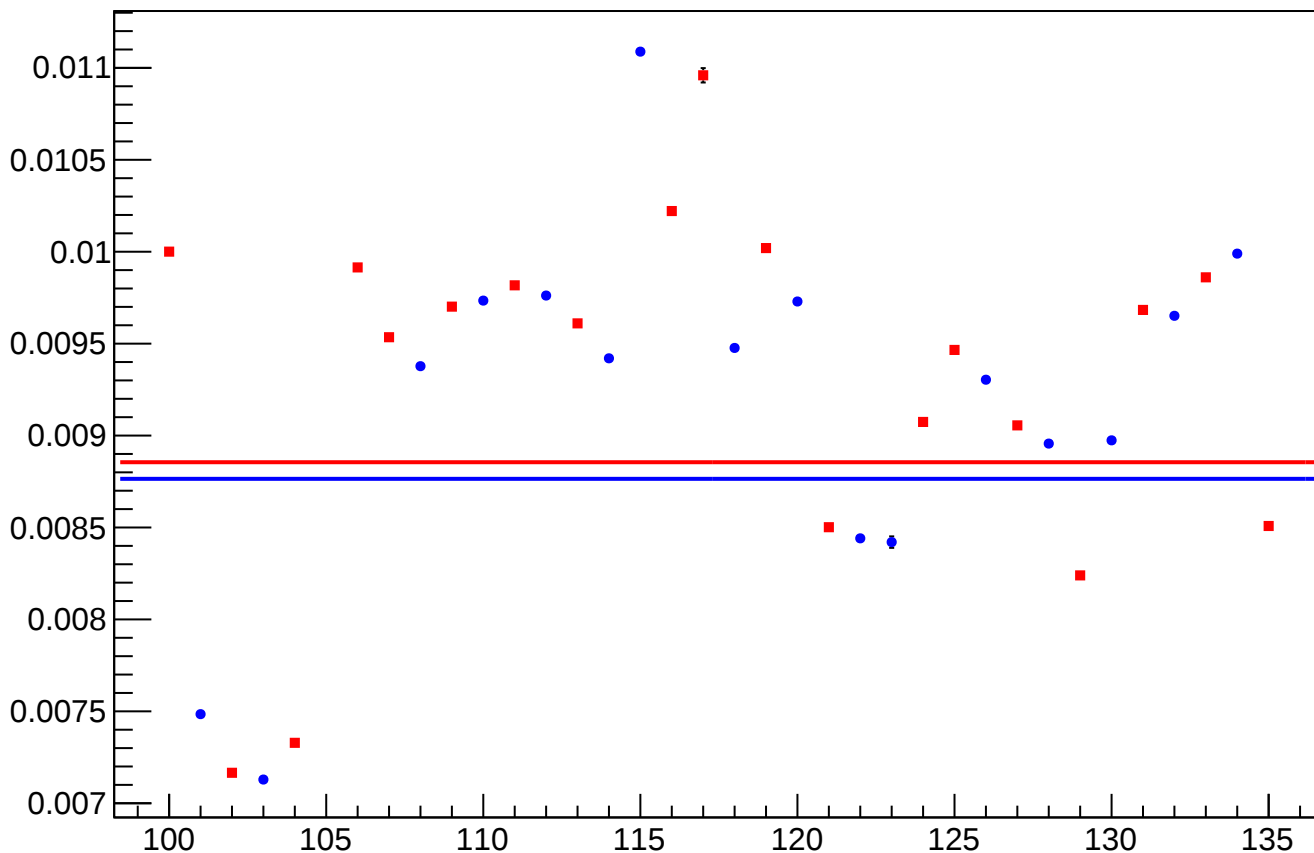
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.093+/-0.000 χ^2/NDF : 2931069222.2/15

-1.111+/-0.000 χ^2/NDF : 6501578704.9/34

-1.126+/-0.000 χ^2/NDF : 3529671801.1/18

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 150217.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 176779.1/18

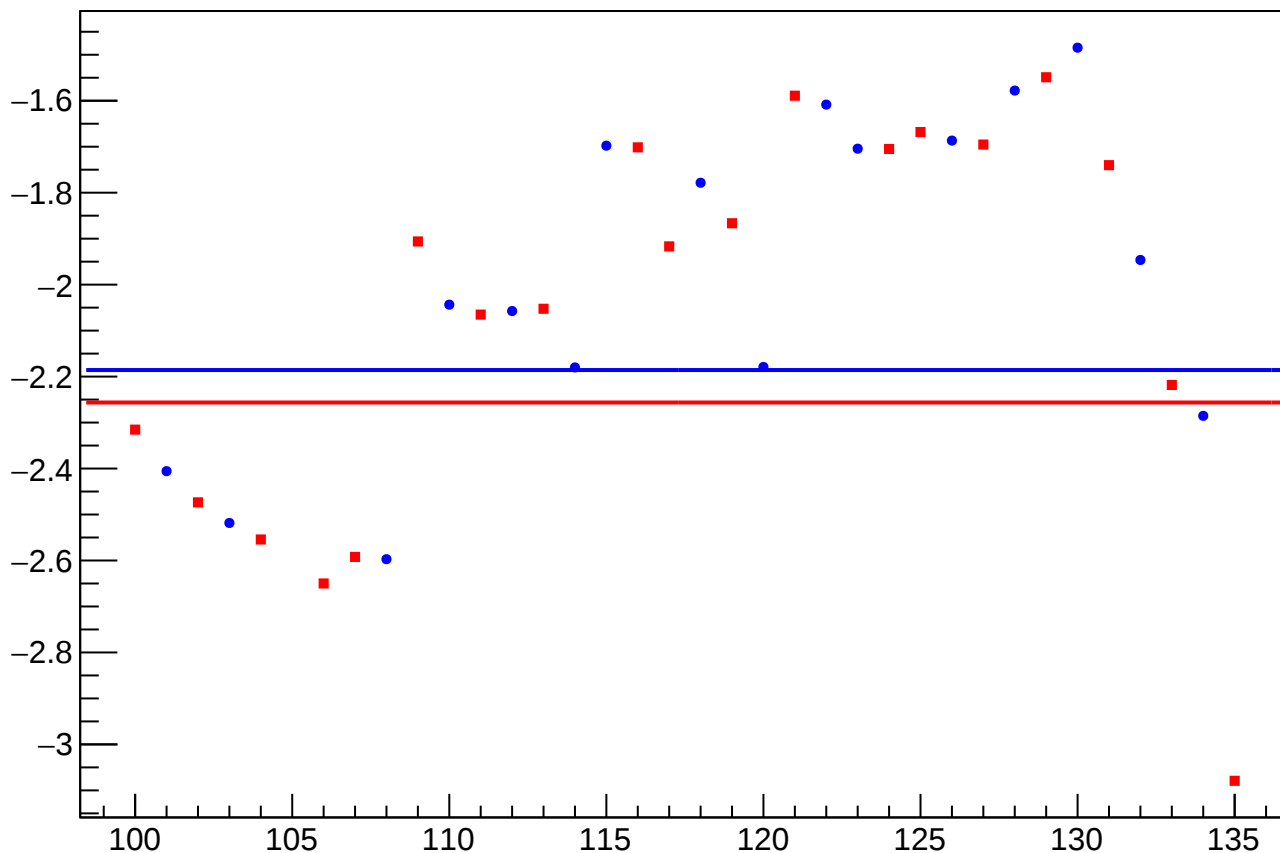
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 150217.1/15

0.009+/-0.000 χ^2/NDF : 327626.9/34

0.009+/-0.000 χ^2/NDF : 176779.1/18

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.186+/-0.000 χ^2 /NDF: 12163521094.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.256+/-0.000 χ^2 /NDF: 17996164949.9/18

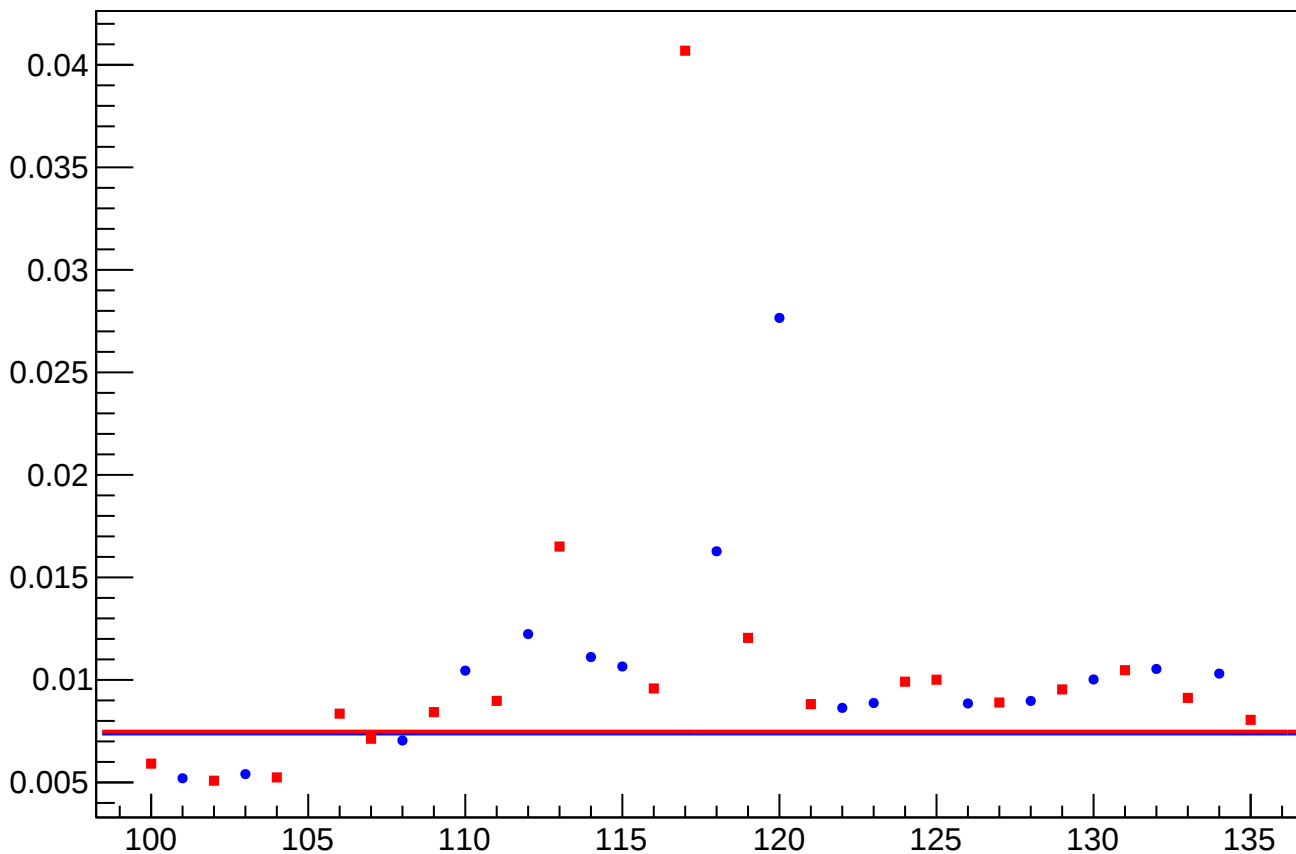
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.186+/-0.000 χ^2 /NDF: 12163521094.8/15

-2.225+/-0.000 χ^2 /NDF: 30376581226.0/18

-2.256+/-0.000 χ^2 /NDF: 17996164949.9/18

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1177971.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 977707.8/18

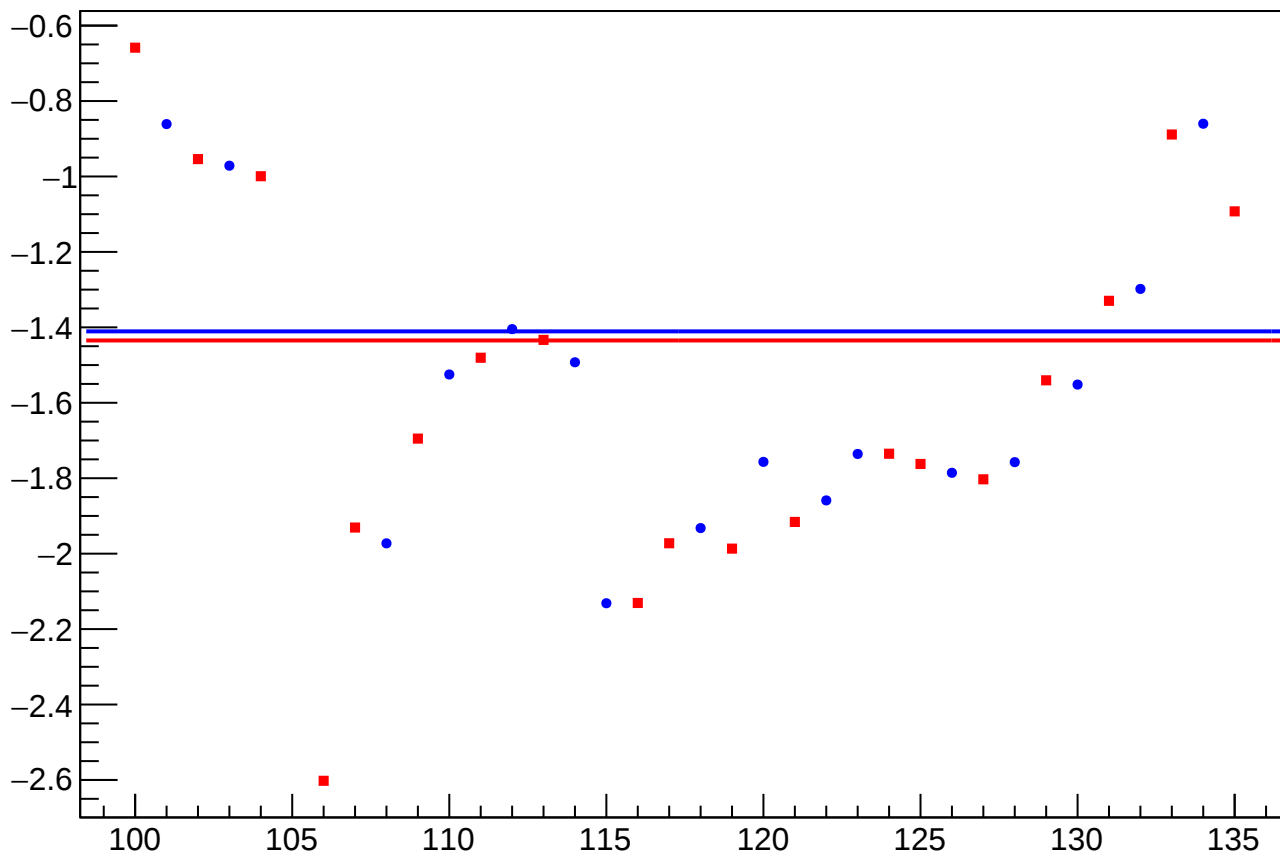
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 1177971.1/15

0.007+/-0.000 χ^2/NDF : 2156377.6/34

0.007+/-0.000 χ^2/NDF : 977707.8/18

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.411+/-0.000 χ^2/NDF : 19327714245.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.411+/-0.000 χ^2/NDF : 19327714245.9/15

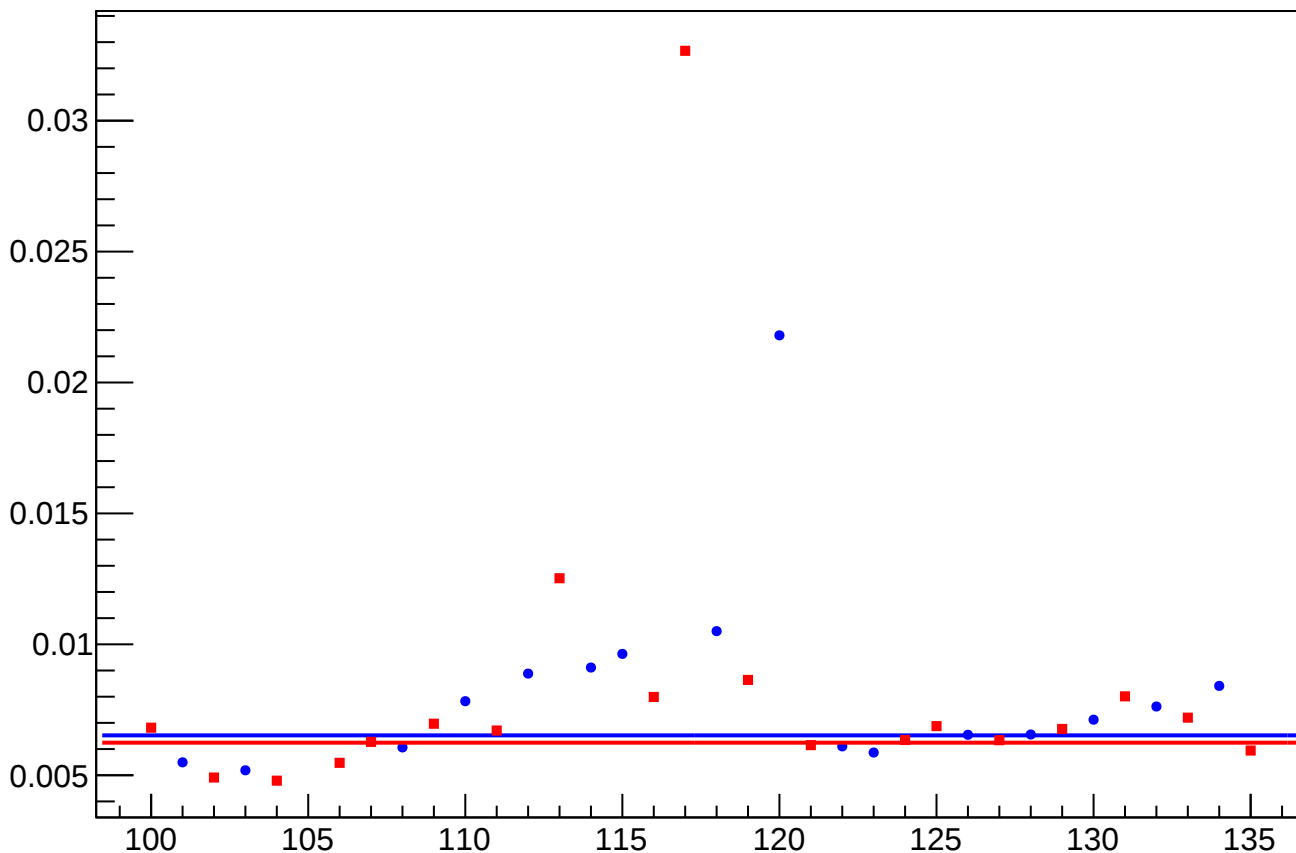
-1.424+/-0.000 χ^2/NDF : 48760991085.9/15

Right Out: -1.435+/-0.000 χ^2/NDF : 29396673550.9/18

-1.435+/-0.000 χ^2/NDF : 29396673550.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 569634.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 470439.4/18

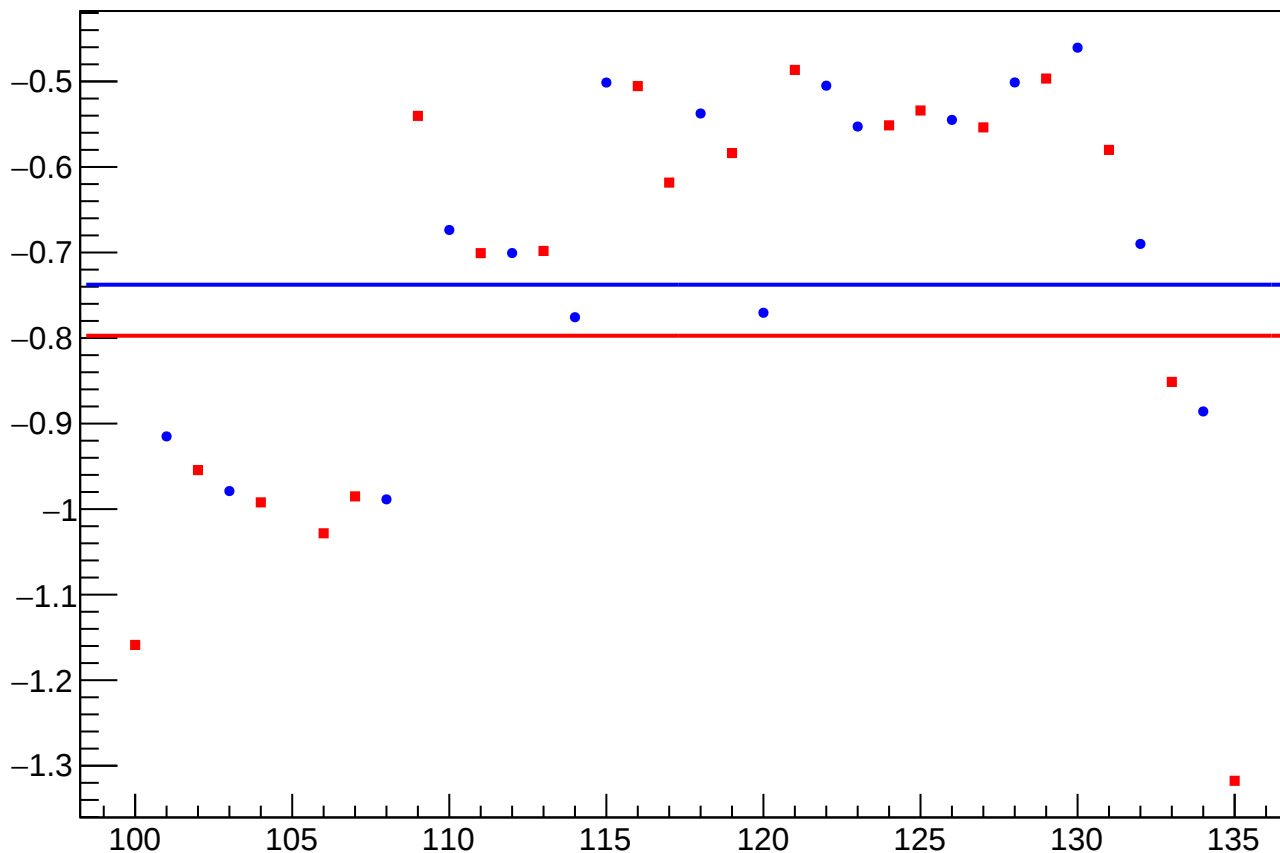
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 569634.9/15

0.006+/-0.000 χ^2/NDF : 1049920.7/34

0.006+/-0.000 χ^2/NDF : 470439.4/18

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.738+/-0.000 χ^2/NDF : 7409372612.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.797+/-0.000 χ^2/NDF : 15399641574.0/18

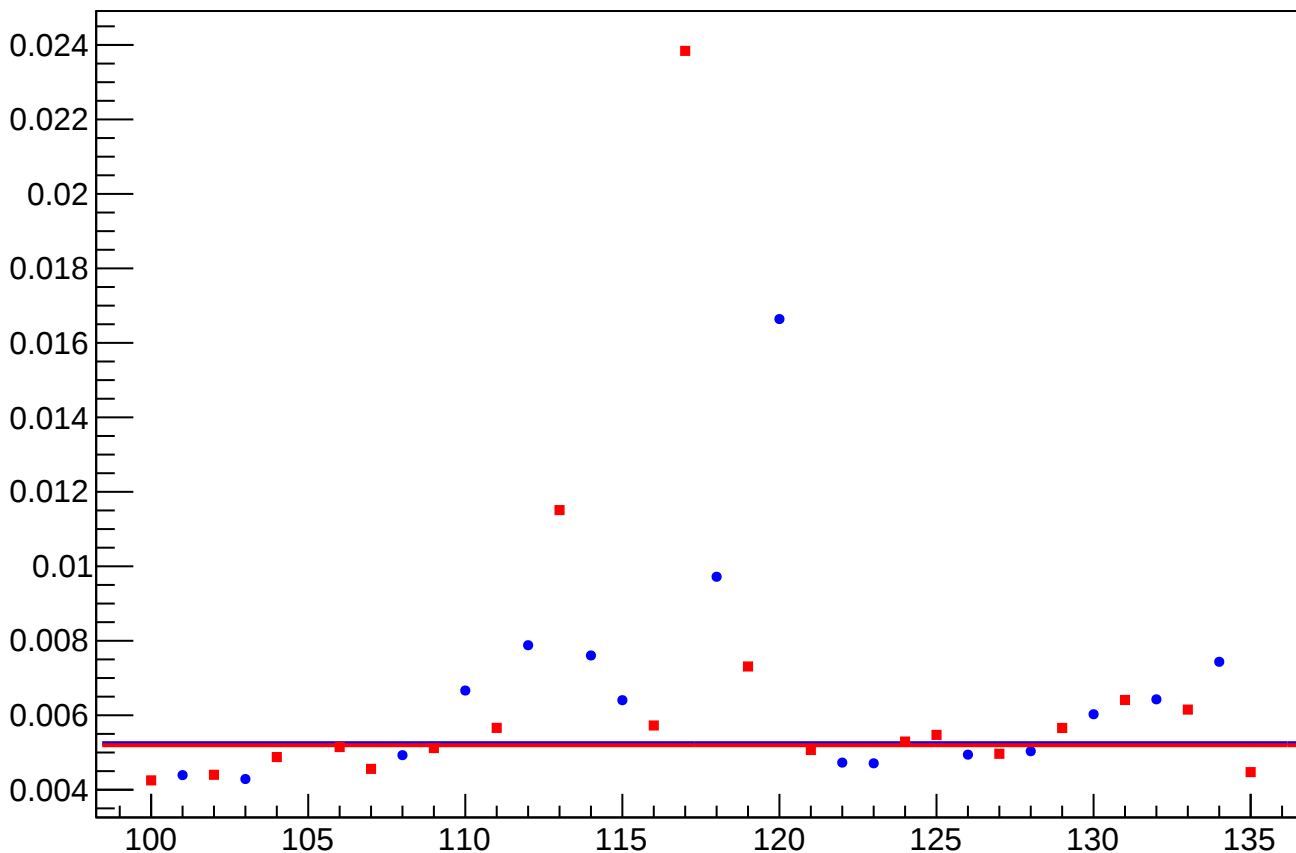
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.738+/-0.000 χ^2/NDF : 7409372612.6/15

-0.771+/-0.000 χ^2/NDF : 23142613479.9/15

-0.797+/-0.000 χ^2/NDF : 15399641574.0/18

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 662616.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 409129.5/18

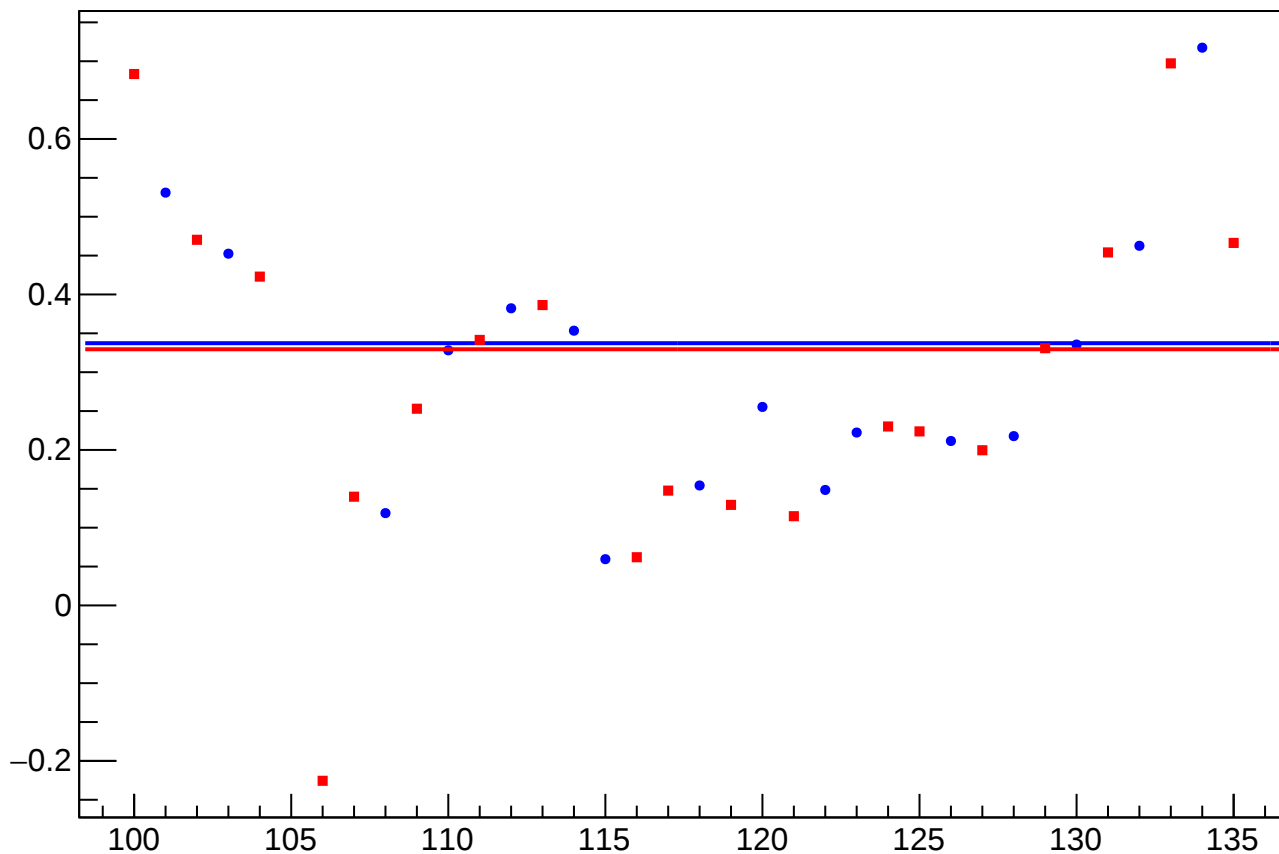
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 662616.8/15

0.005+/-0.000 χ^2/NDF : 1072288.3/34

0.005+/-0.000 χ^2/NDF : 409129.5/18

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.337 $\pm$ 0.000 χ^2 /NDF: 7088467777.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.330 $\pm$ 0.000 χ^2 /NDF: 11734004288.5/18

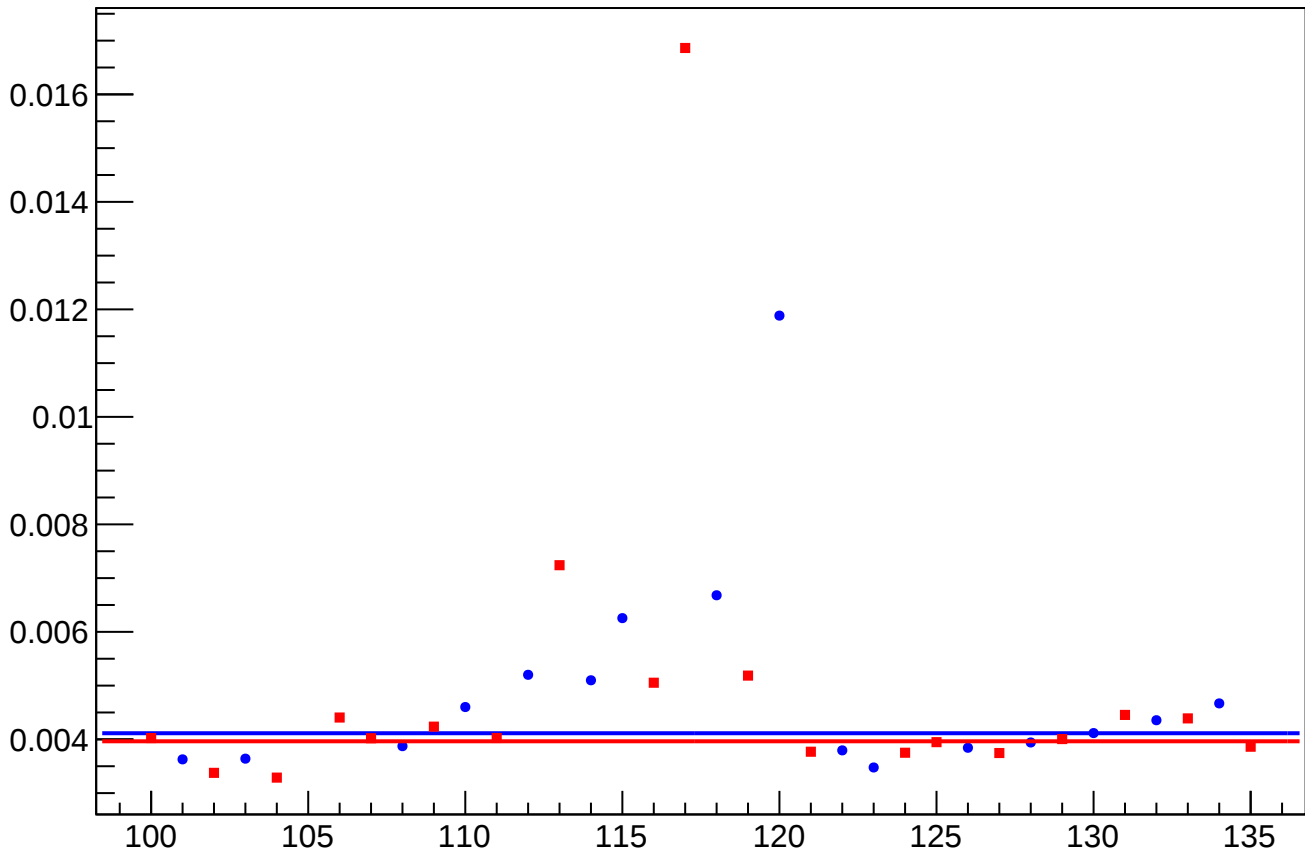
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.337 $\pm$ 0.000 χ^2 /NDF: 7088467777.3/15

0.333 $\pm$ 0.000 χ^2 /NDF: 18832466329.9/3

0.330 $\pm$ 0.000 χ^2 /NDF: 11734004288.5/18

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 442484.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 300744.7/18

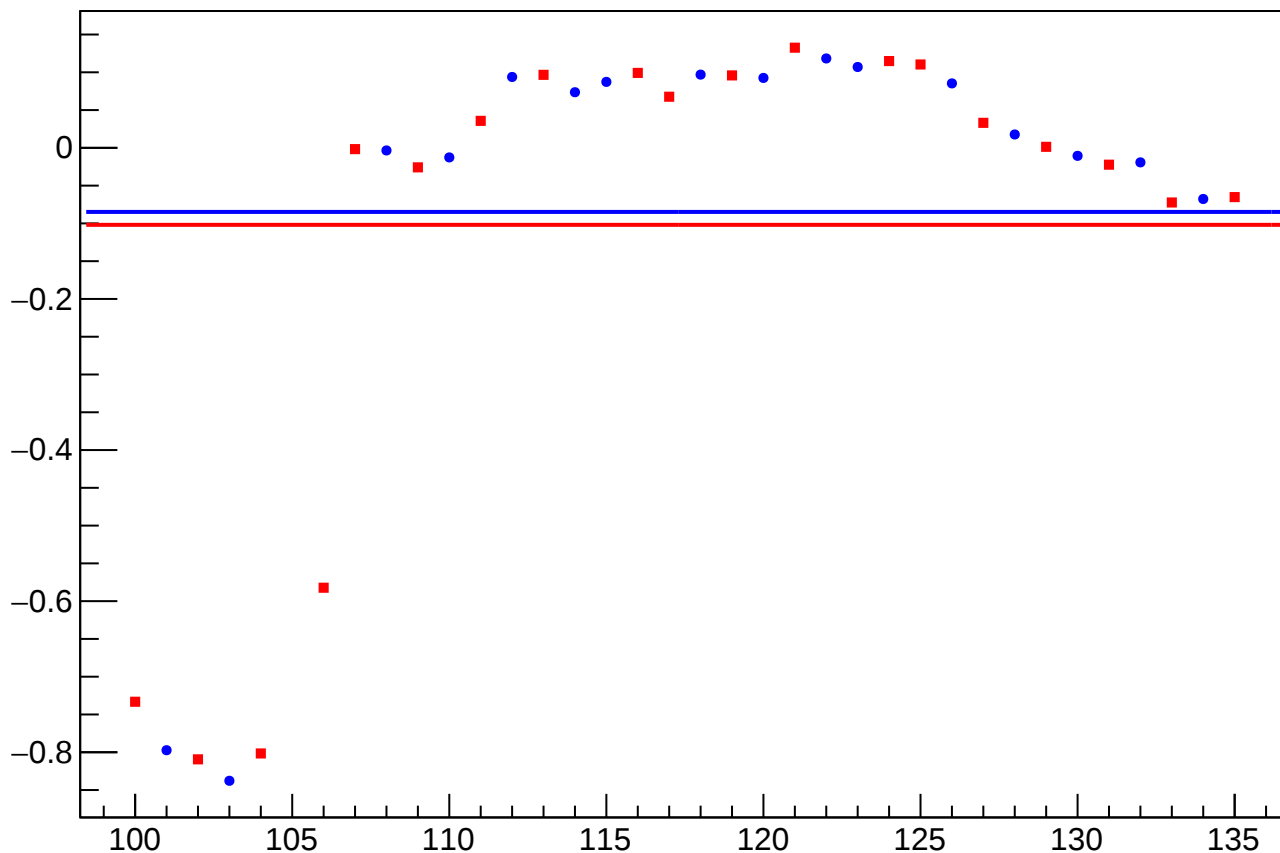
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 442484.7/15

0.004+/-0.000 χ^2/NDF : 750626.6/34

0.004+/-0.000 χ^2/NDF : 300744.7/18

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.000 χ^2/NDF : 4988452374.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.102+/-0.000 χ^2/NDF : 5565988848.6/18

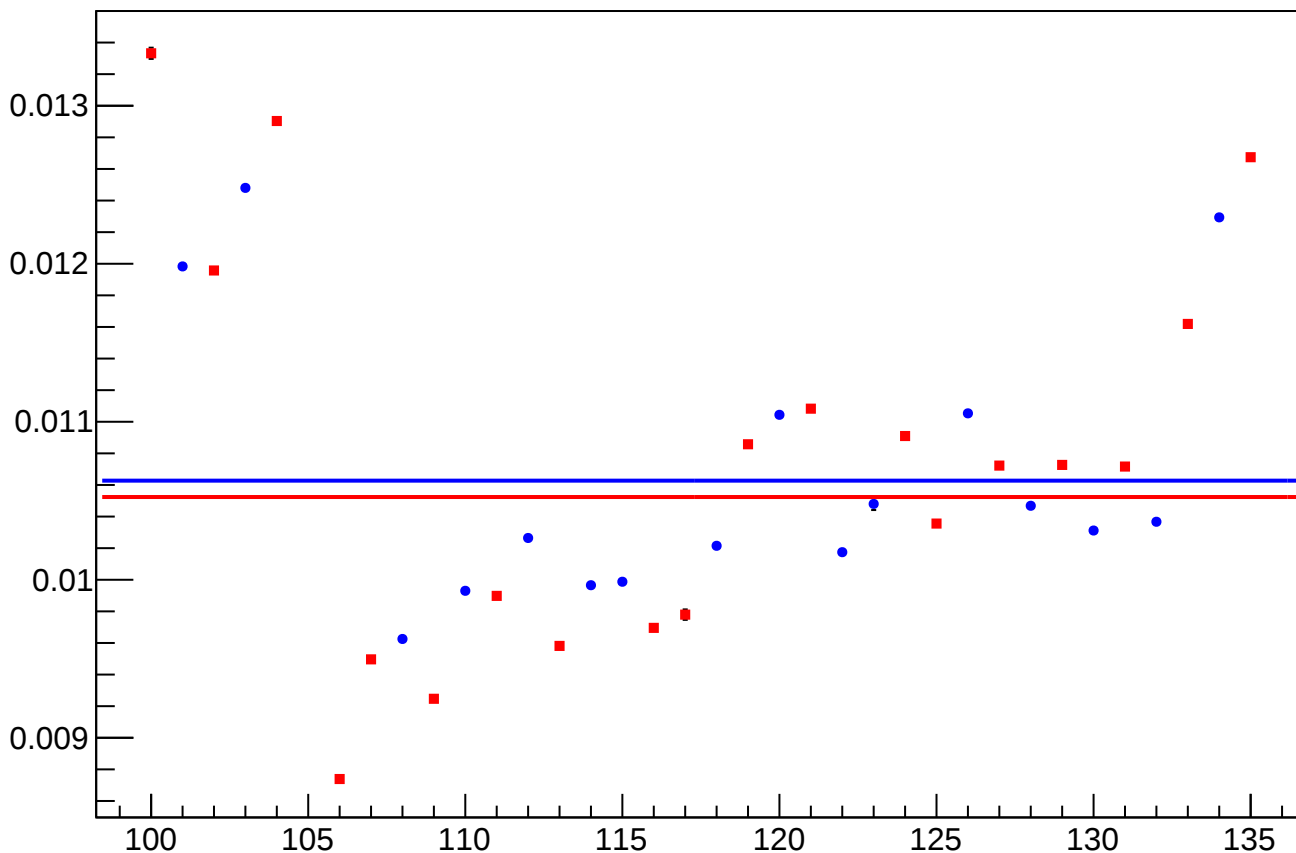
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.085+/-0.000 χ^2/NDF : 4988452374.8/15

-0.094+/-0.000 χ^2/NDF : 10562689280.4/3

-0.102+/-0.000 χ^2/NDF : 5565988848.6/18

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 68820.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 164038.8/18

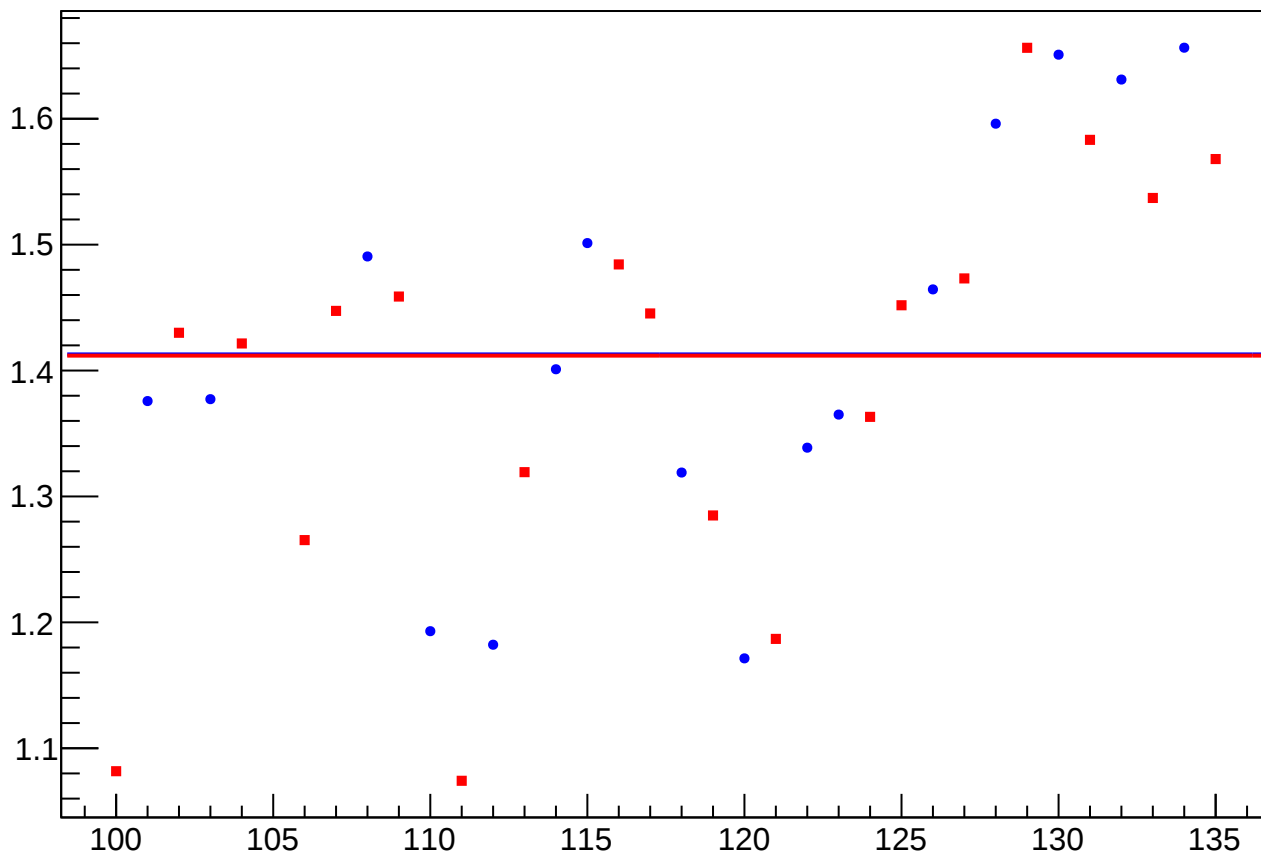
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 68820.7/15

0.011+/-0.000 χ^2/NDF : 233464.8/34

0.011+/-0.000 χ^2/NDF : 164038.8/18

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.413+/-0.000 χ^2/NDF : 2464212868.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.412+/-0.000 χ^2/NDF : 2499262831.9/18

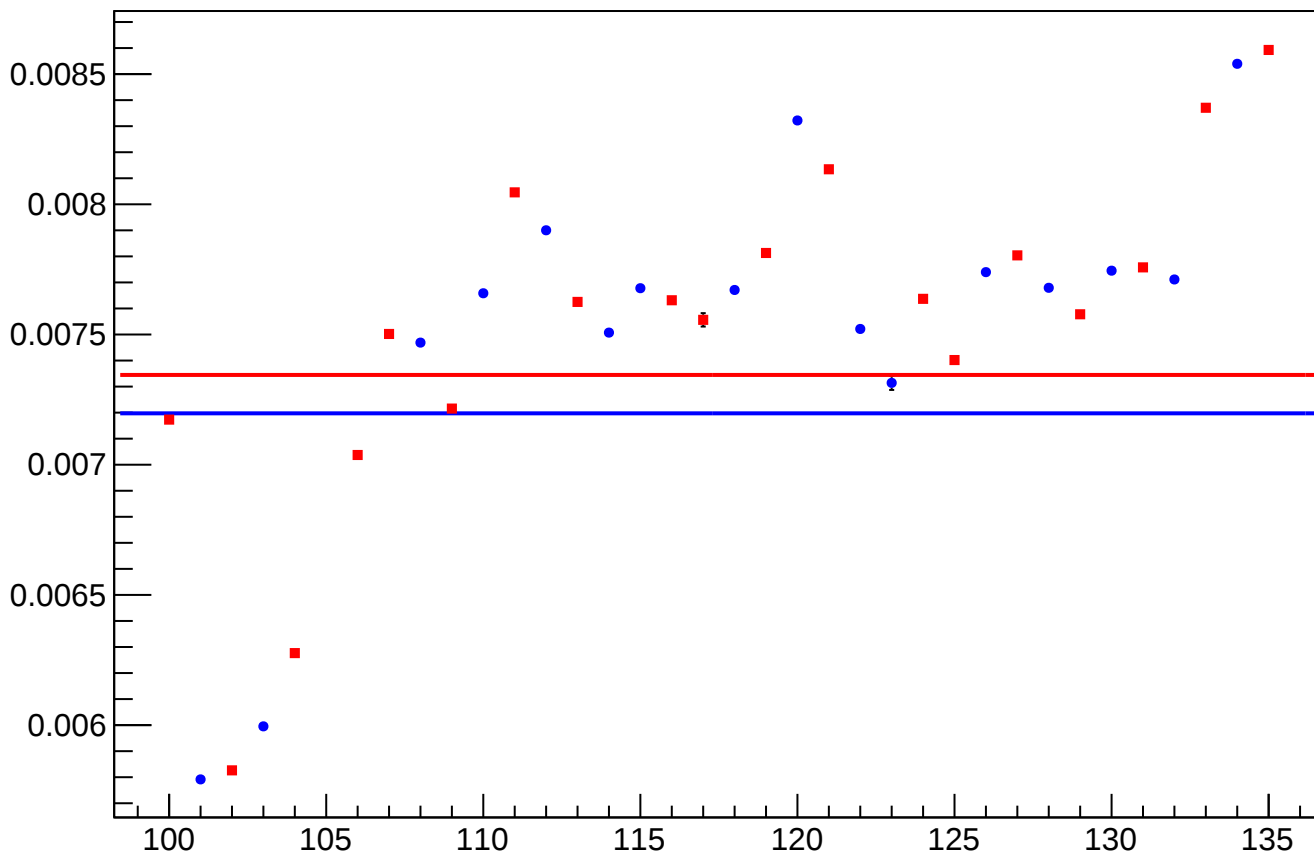
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.413+/-0.000 χ^2/NDF : 2464212868.5/15

1.412+/-0.000 χ^2/NDF : 4963530748.7/34

1.412+/-0.000 χ^2/NDF : 2499262831.9/18

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 169019.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 162318.1/18

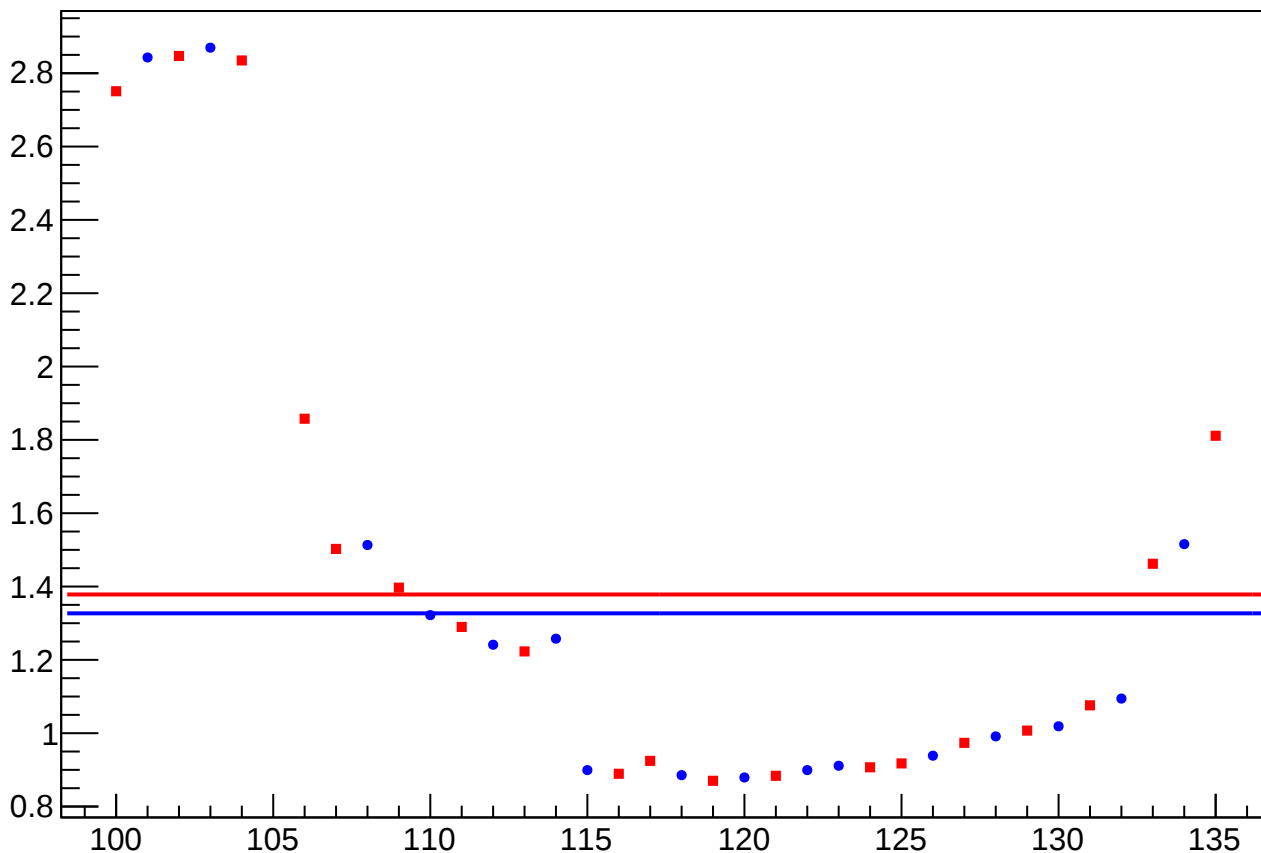
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 169019.6/15

0.007+/-0.000 χ^2/NDF : 333924.5/34

0.007+/-0.000 χ^2/NDF : 162318.1/18

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.327+/-0.000 χ^2/NDF : 51651719411.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.378+/-0.000 χ^2/NDF : 49731378678.6/18

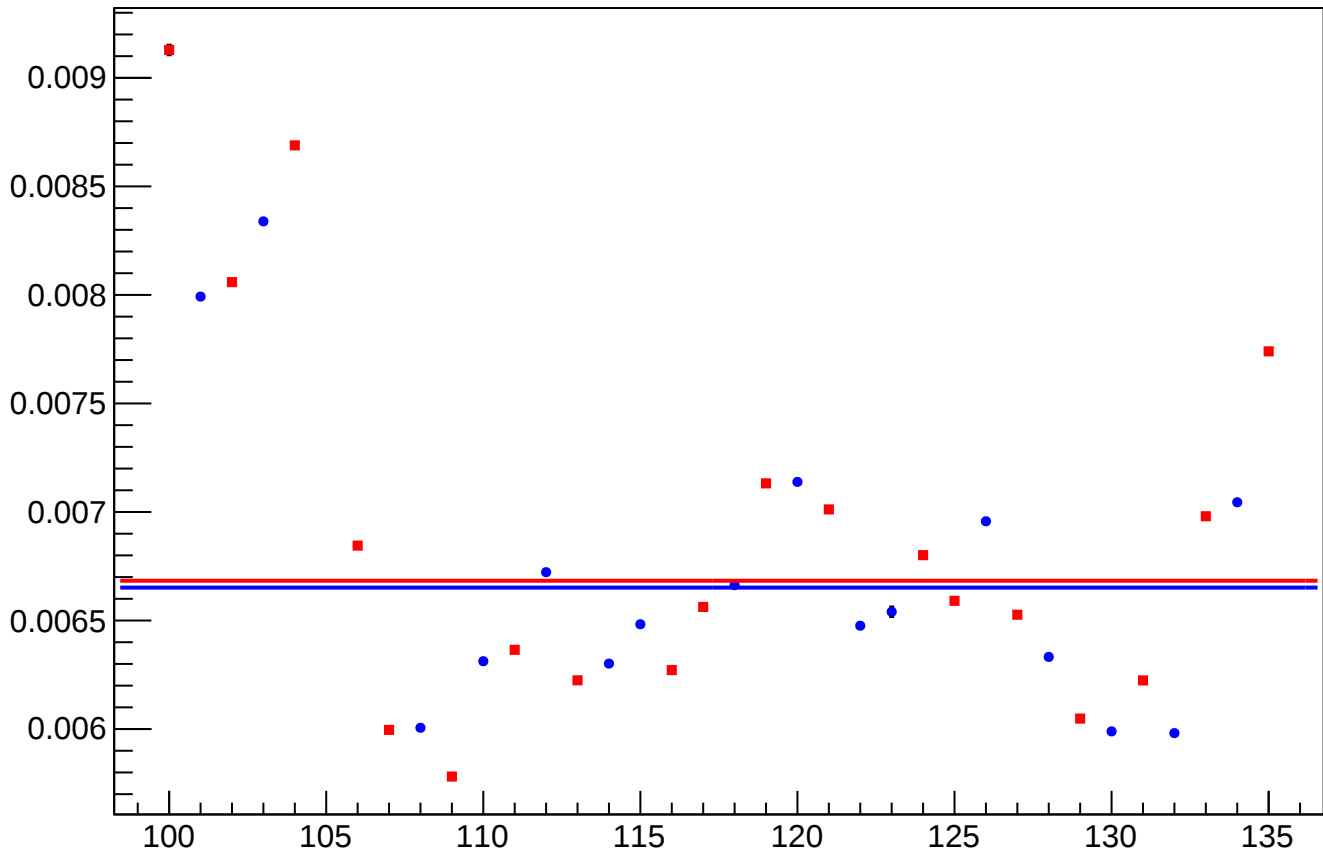
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.327+/-0.000 χ^2/NDF : 51651719411.0/15

1.355+/-0.000 χ^2/NDF : 101570471674.0/15

1.378+/-0.000 χ^2/NDF : 49731378678.6/18

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 122604.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 177222.3/18

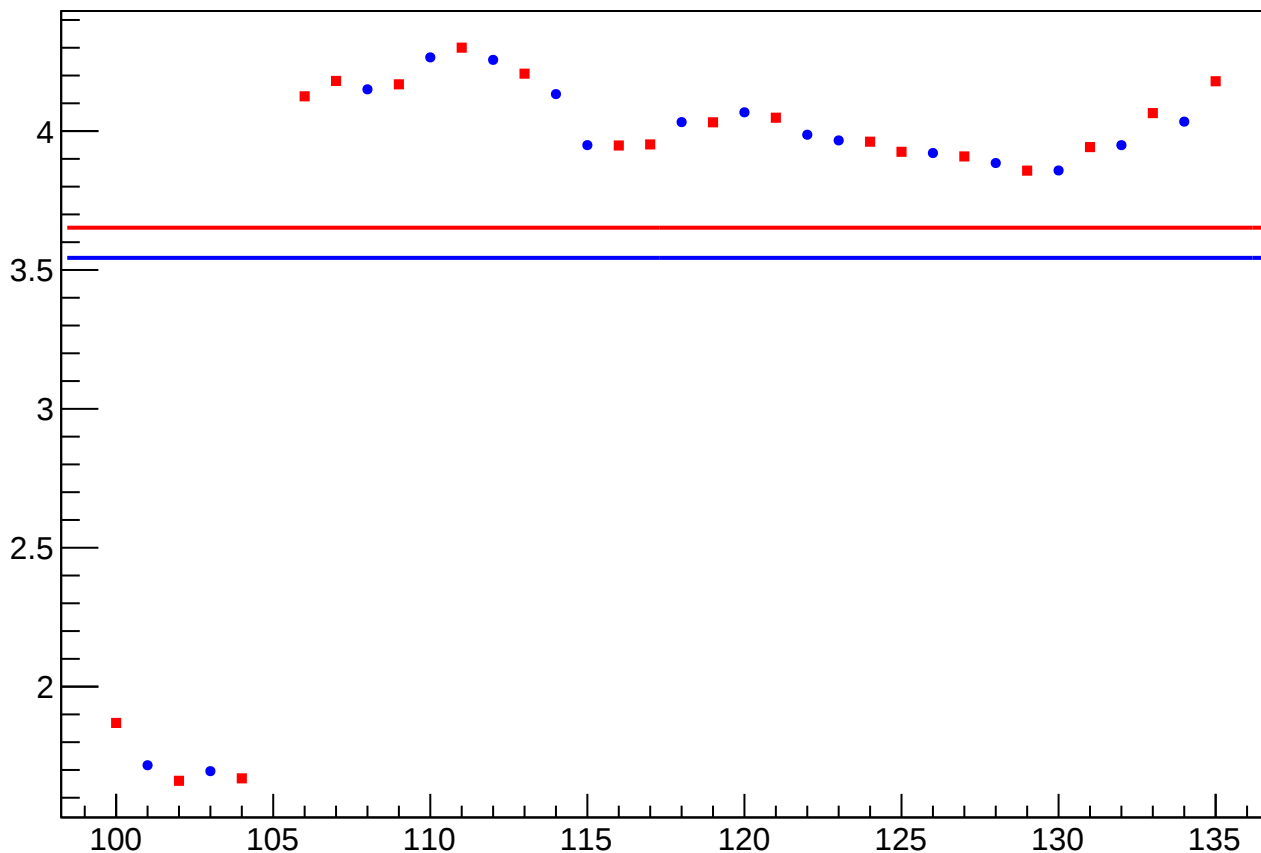
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 122604.3/15

0.007+/-0.000 χ^2/NDF : 299966.8/34

0.007+/-0.000 χ^2/NDF : 177222.3/18

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.544+/-0.000 χ^2/NDF : 179447952948.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.544+/-0.000 χ^2/NDF : 179447952948.0/15

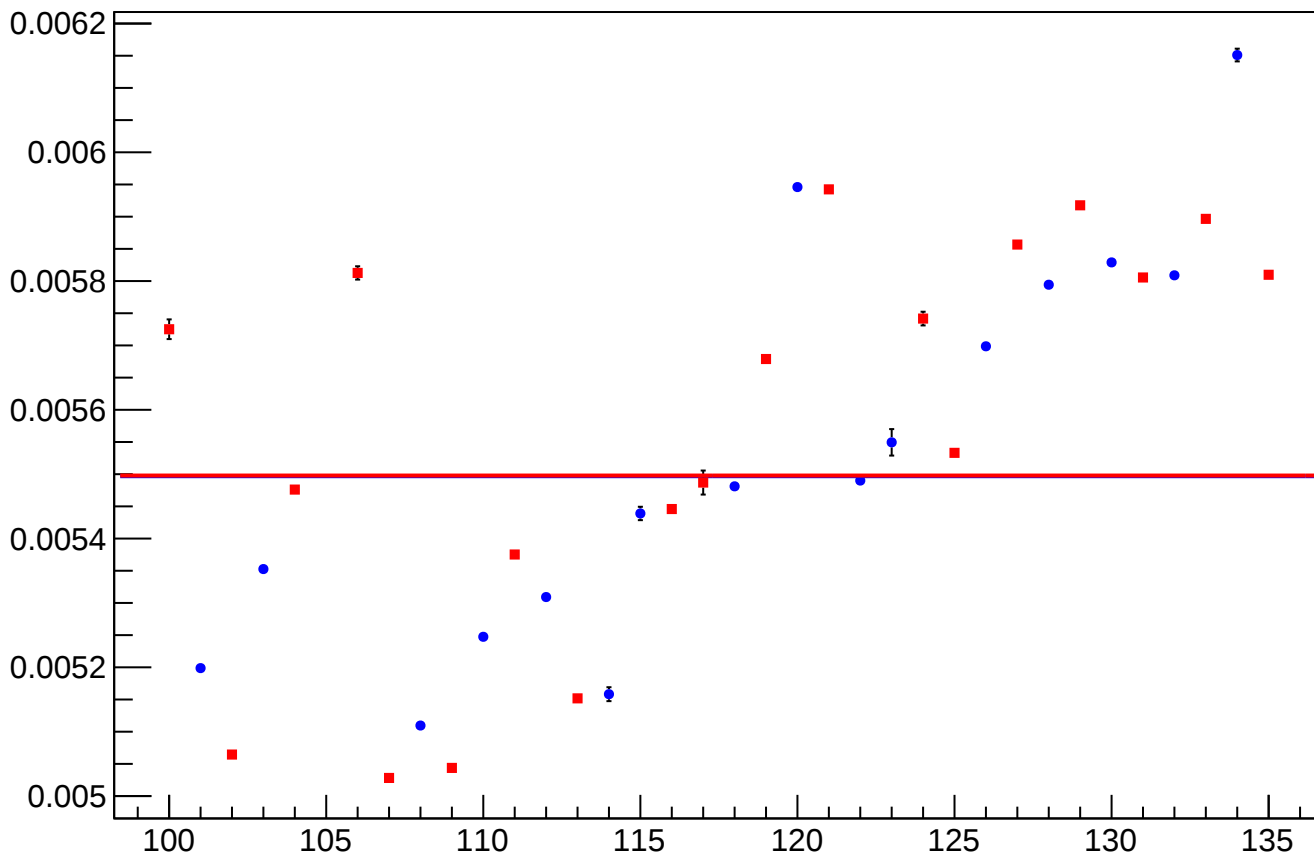
3.602+/-0.000 χ^2/NDF : 372135942830.7/15

Right Out: 3.652+/-0.000 χ^2/NDF : 191457039713.4/18

3.652+/-0.000 χ^2/NDF : 191457039713.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 30262.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 50509.4/18

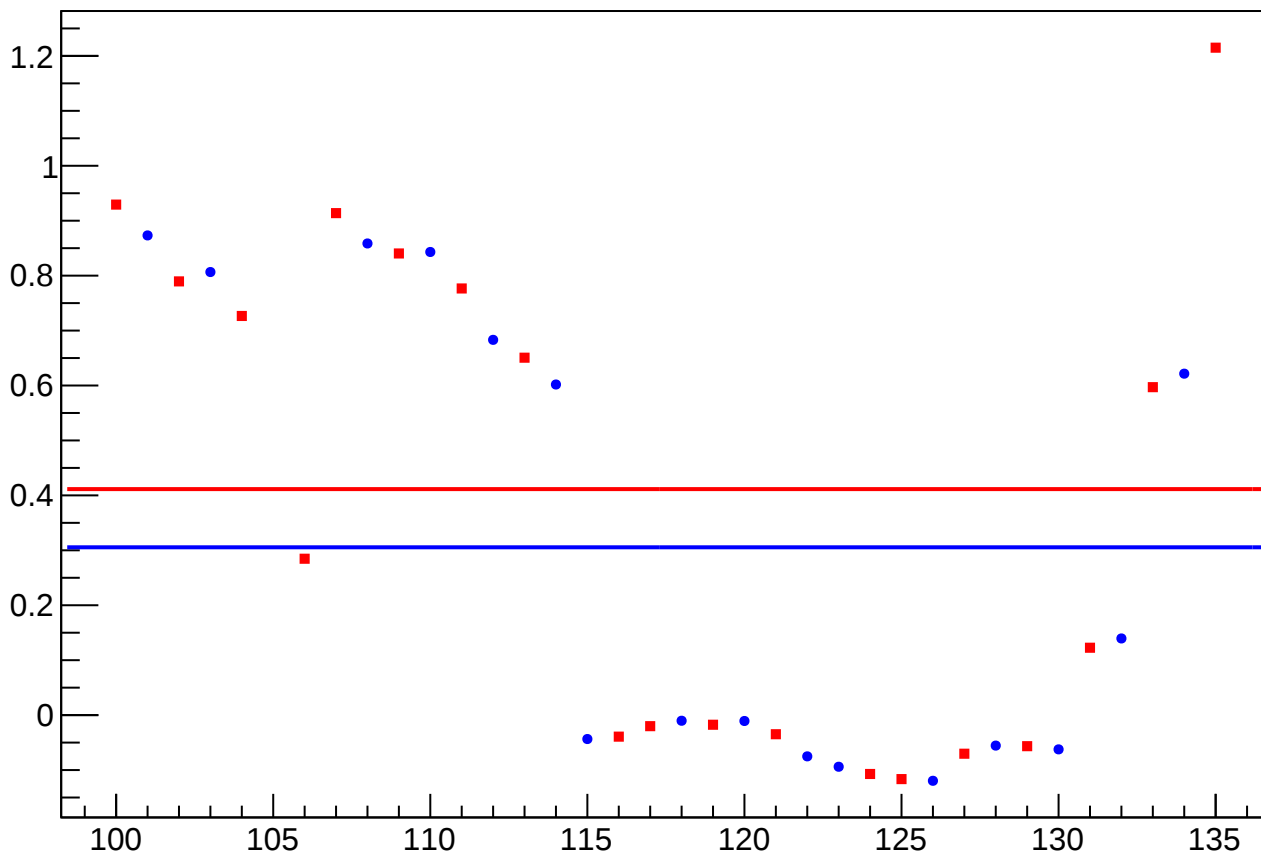
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 30262.1/15

0.005+/-0.000 χ^2/NDF : 80771.7/34

0.005+/-0.000 χ^2/NDF : 50509.4/18

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.305+/-0.000 χ^2/NDF : 5027170822.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.411+/-0.000 χ^2/NDF : 6253920209.0/18

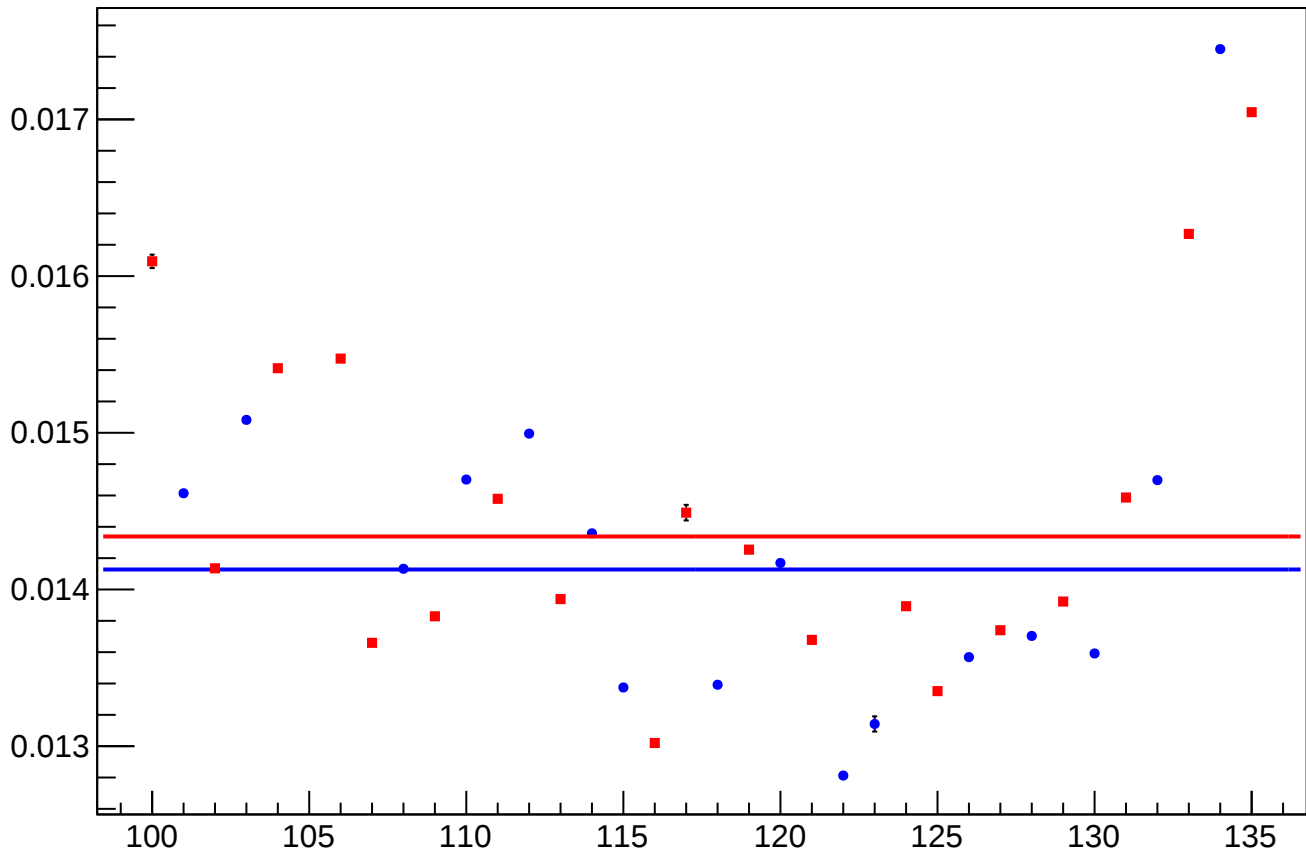
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.305+/-0.000 χ^2/NDF : 5027170822.8/15

0.362+/-0.000 χ^2/NDF : 11455263394.0/3

0.411+/-0.000 χ^2/NDF : 6253920209.0/18

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 41720.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 62402.9/18

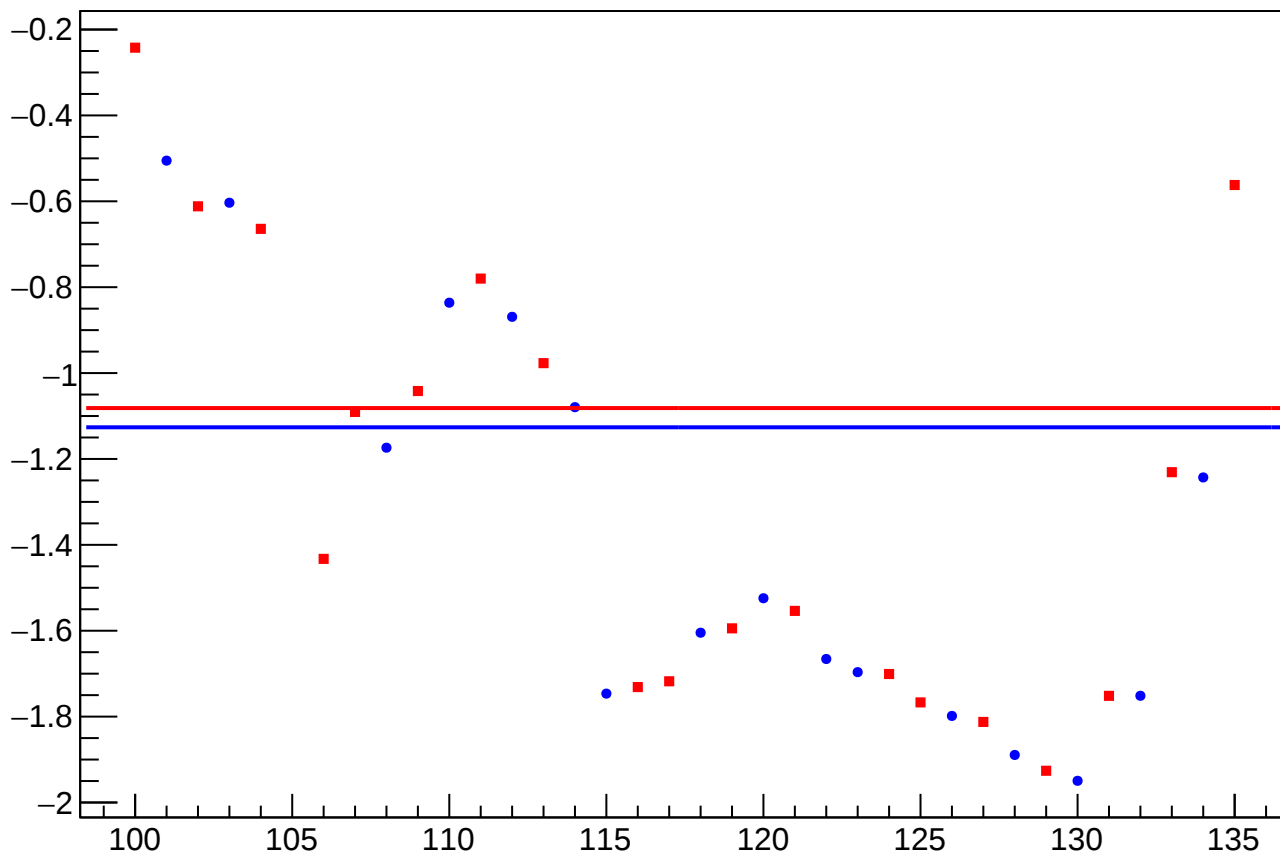
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 41720.1/15

0.014+/-0.000 χ^2/NDF : 105500.4/34

0.014+/-0.000 χ^2/NDF : 62402.9/18

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.126+/-0.000 χ^2/NDF : 53501356975.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.081+/-0.000 χ^2/NDF : 46607932358.1/18

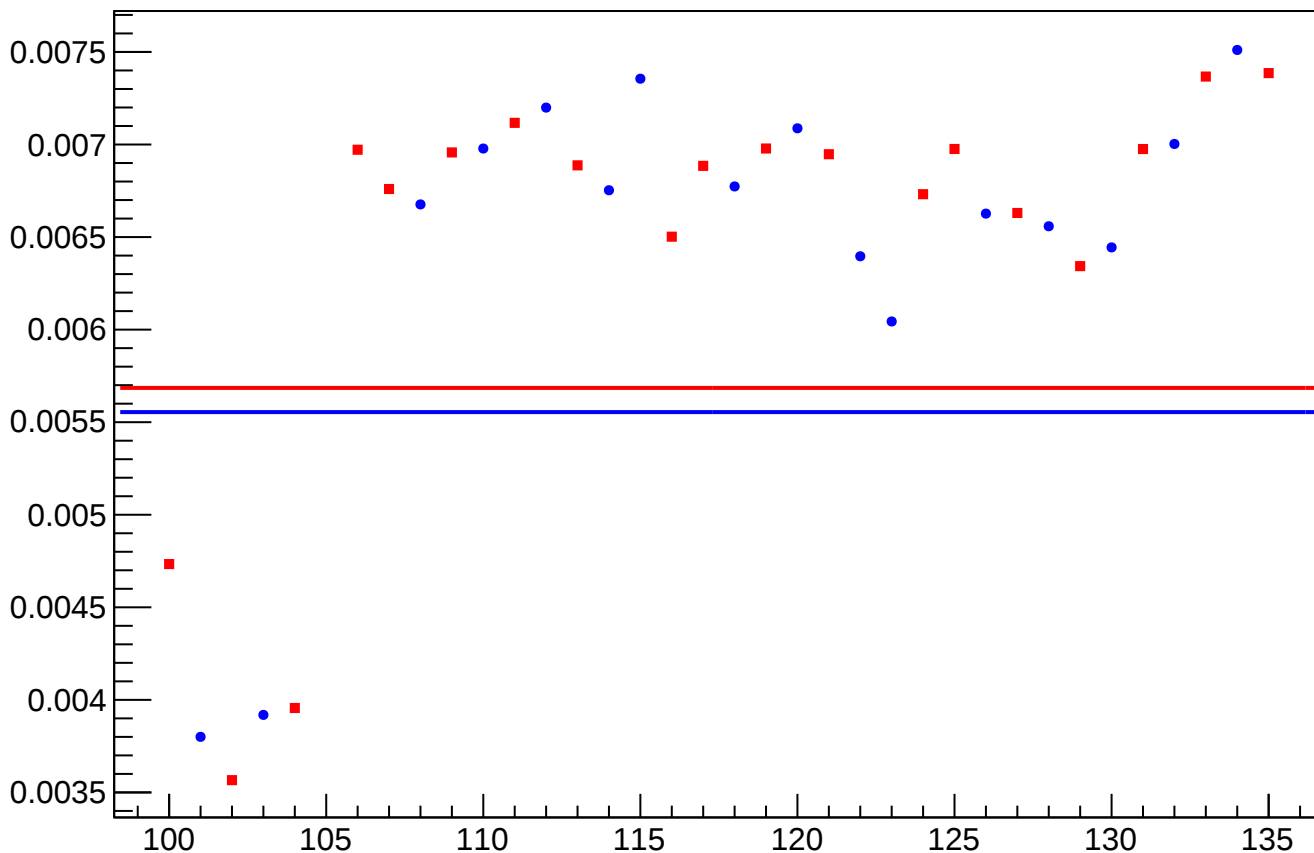
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.126+/-0.000 χ^2/NDF : 53501356975.5/15

-1.103+/-0.000 χ^2/NDF : 100286882853.3

-1.081+/-0.000 χ^2/NDF : 46607932358.1/18

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 714742.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 901059.3/18

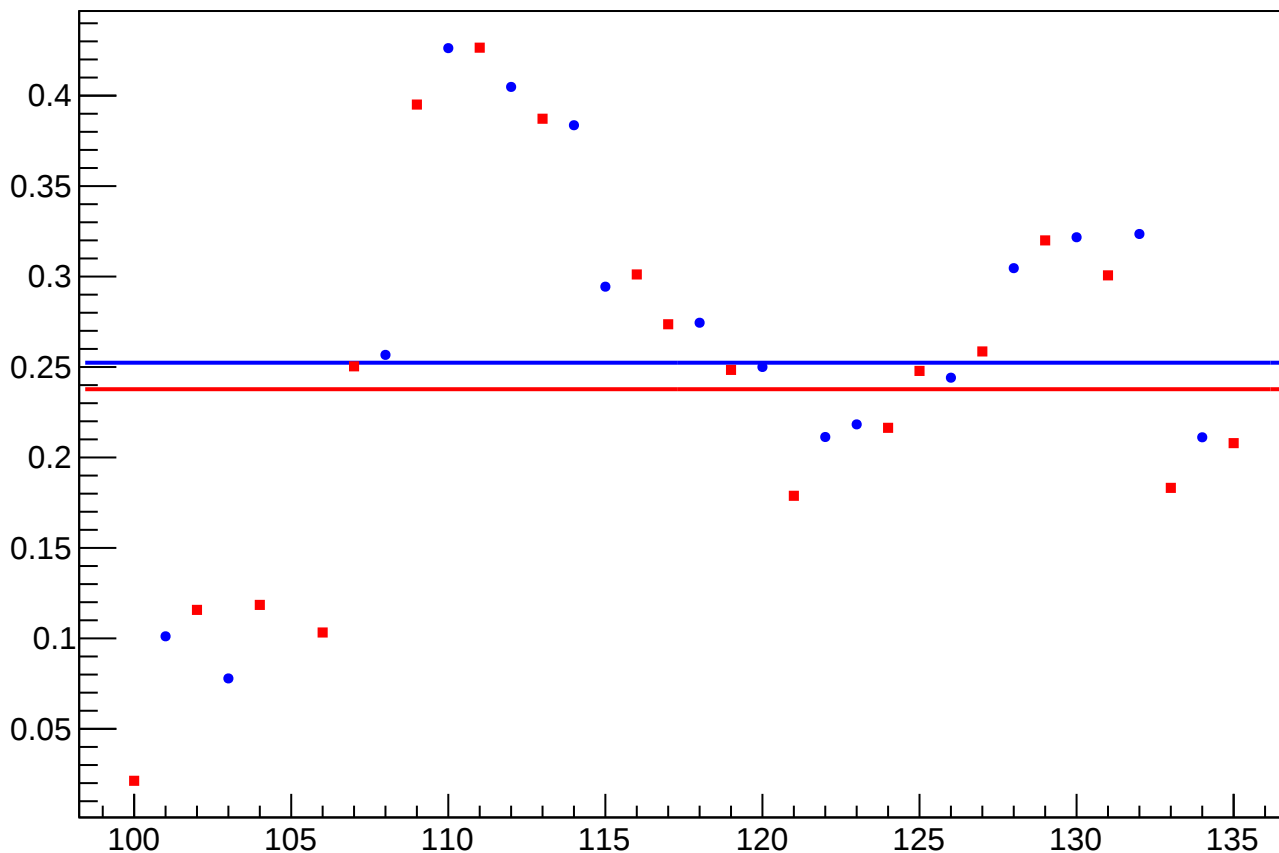
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.006 $\pm$ 0.000 χ^2 /NDF: 714742.7/15

0.006 $\pm$ 0.000 χ^2 /NDF: 1618824.0/34

0.006 $\pm$ 0.000 χ^2 /NDF: 901059.3/18

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.252+/-0.000 χ^2/NDF : 21168862001.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.252+/-0.000 χ^2/NDF : 21168862001.3/15

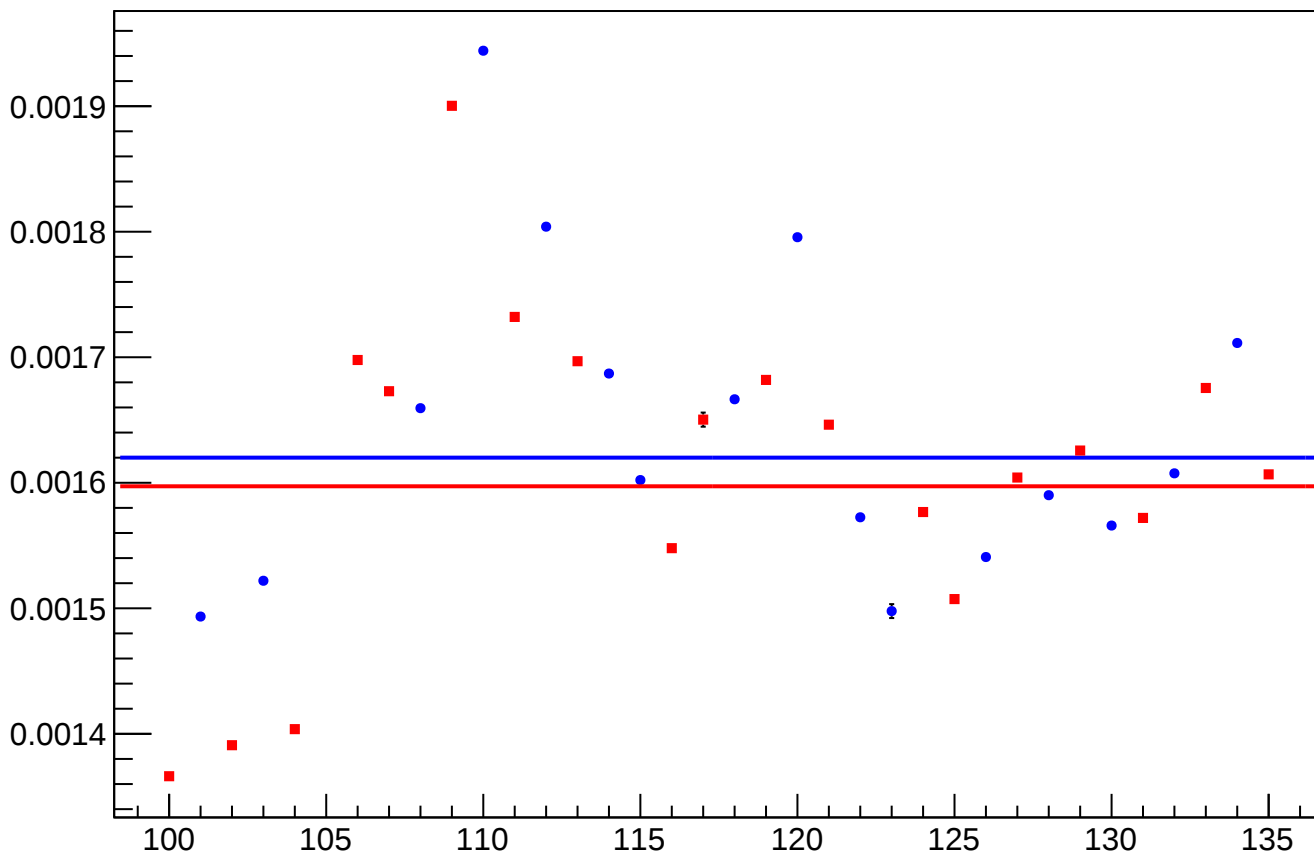
0.244+/-0.000 χ^2/NDF : 47501211783.7/3

Right Out: 0.238+/-0.000 χ^2/NDF : 26077731211.1/18

0.238+/-0.000 χ^2/NDF : 26077731211.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 52111.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 90499.7/18

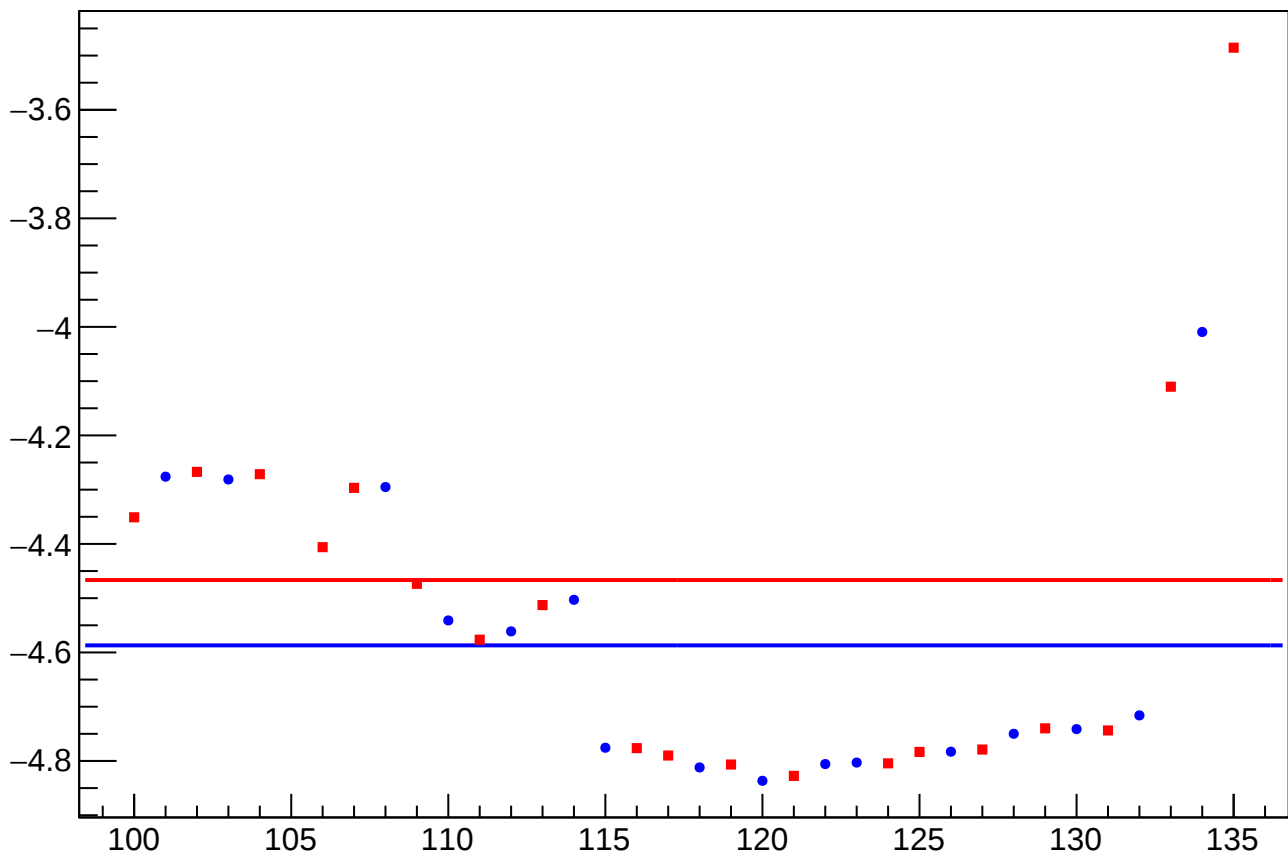
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 52111.5/15

0.002+/-0.000 χ^2/NDF : 143848.4/34

0.002+/-0.000 χ^2/NDF : 90499.7/18

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.587+/-0.000 χ^2/NDF : 91993139158.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

-4.587+/-0.000 χ^2/NDF : 91993139158.7/15

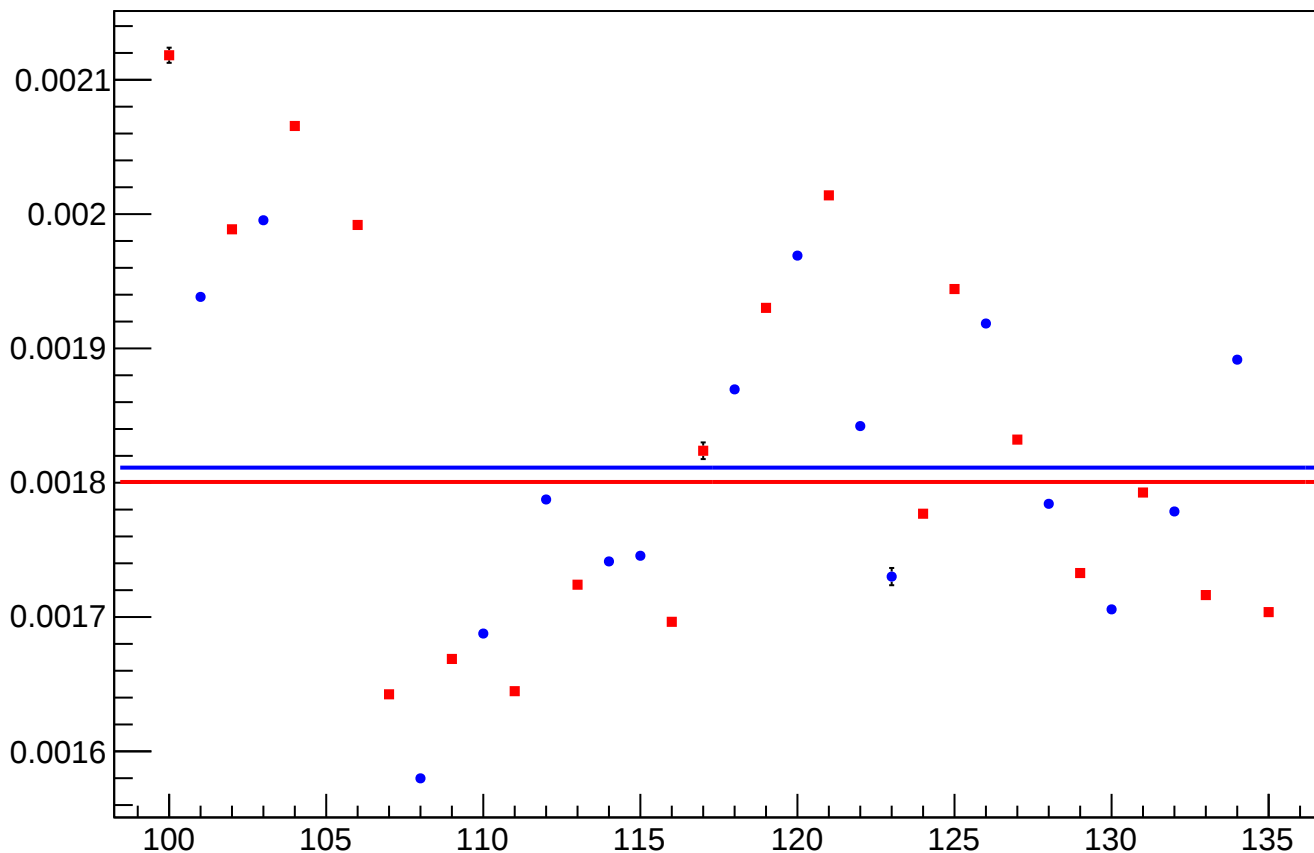
-4.521+/-0.000 χ^2/NDF : 373169639870.3

Right Out: -4.467+/-0.000 χ^2/NDF : 267458661940.8/18

-4.467+/-0.000 χ^2/NDF : 267458661940.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 47863.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 80511.2/18

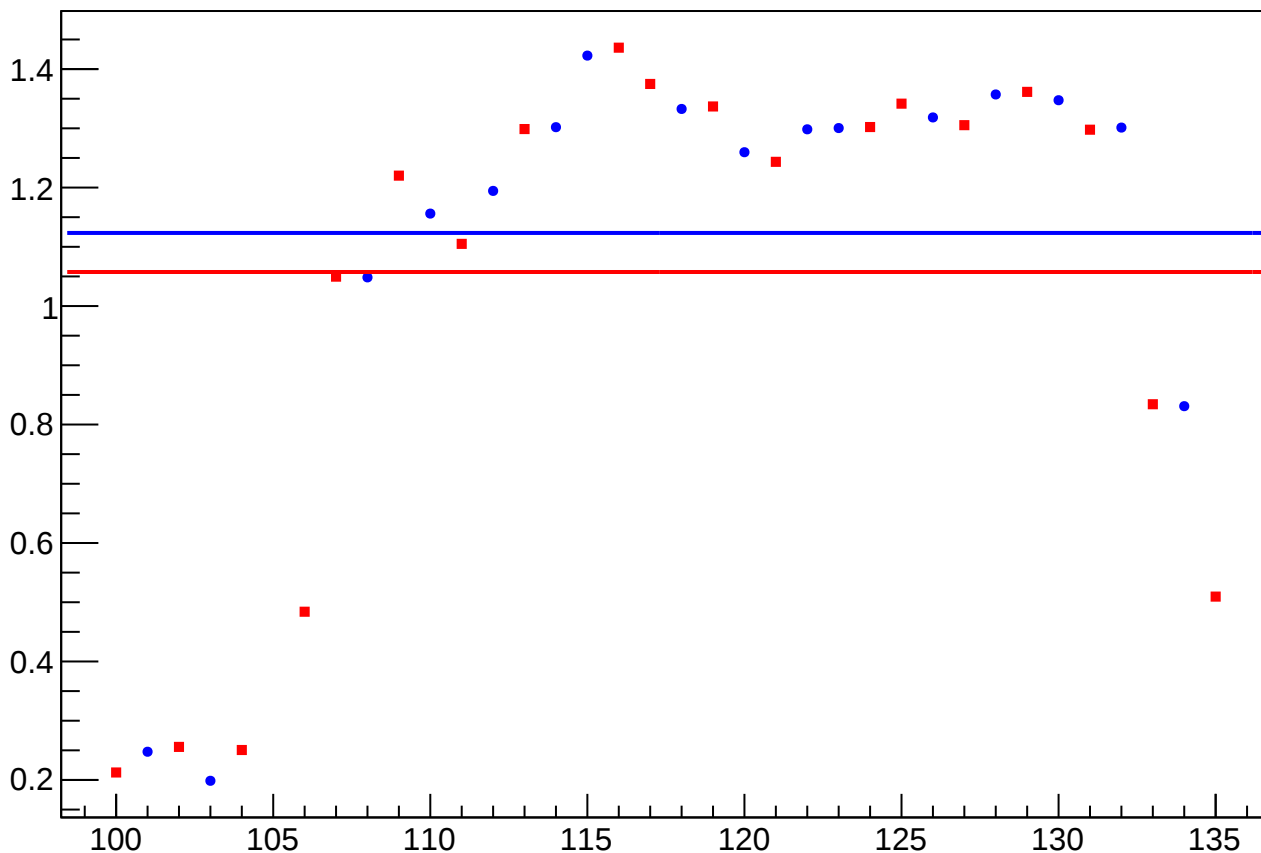
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 47863.8/15

0.002+/-0.000 χ^2/NDF : 128591.1/34

0.002+/-0.000 χ^2/NDF : 80511.2/18

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.123+/-0.000 χ^2/NDF : 14997780807.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.057+/-0.000 χ^2/NDF : 19218328700.3/18

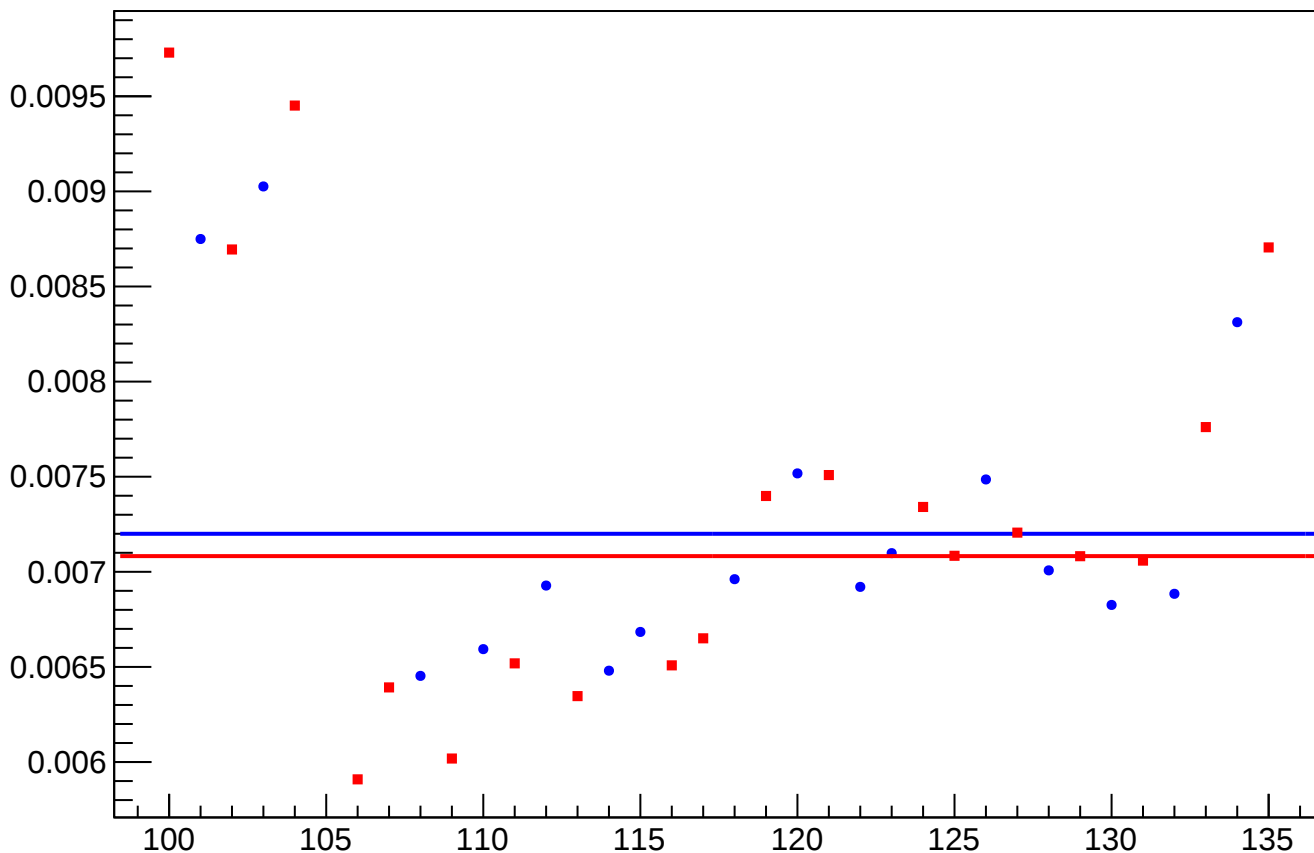
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.123+/-0.000 χ^2/NDF : 14997780807.2/15

1.087+/-0.000 χ^2/NDF : 34483288962.7/3

1.057+/-0.000 χ^2/NDF : 19218328700.3/18

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 122062.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 241433.9/18

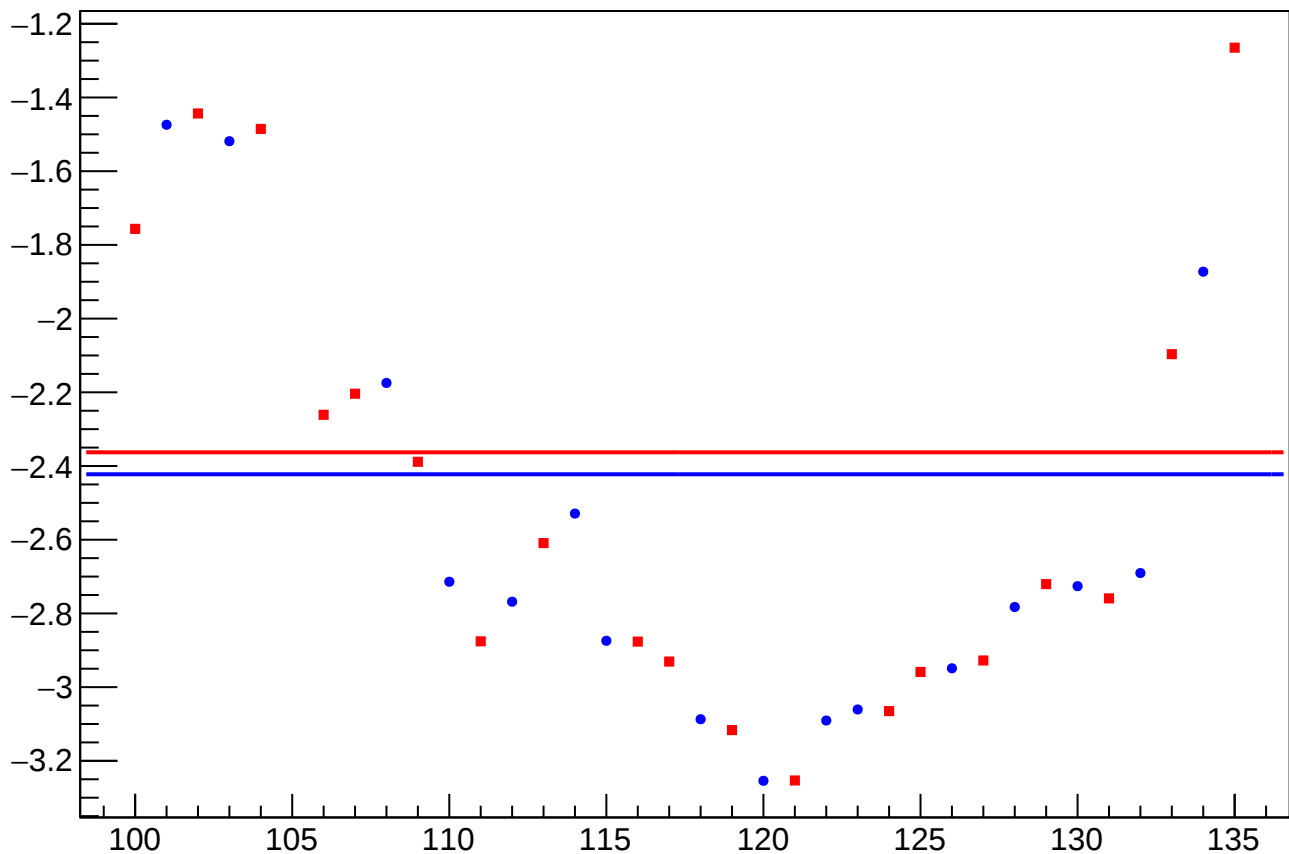
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 122062.1/15

0.007+/-0.000 χ^2/NDF : 365188.6/34

0.007+/-0.000 χ^2/NDF : 241433.9/18

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.422+/-0.000 χ^2/NDF : 52272391791.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.422+/-0.000 χ^2/NDF : 52272391791.6/15

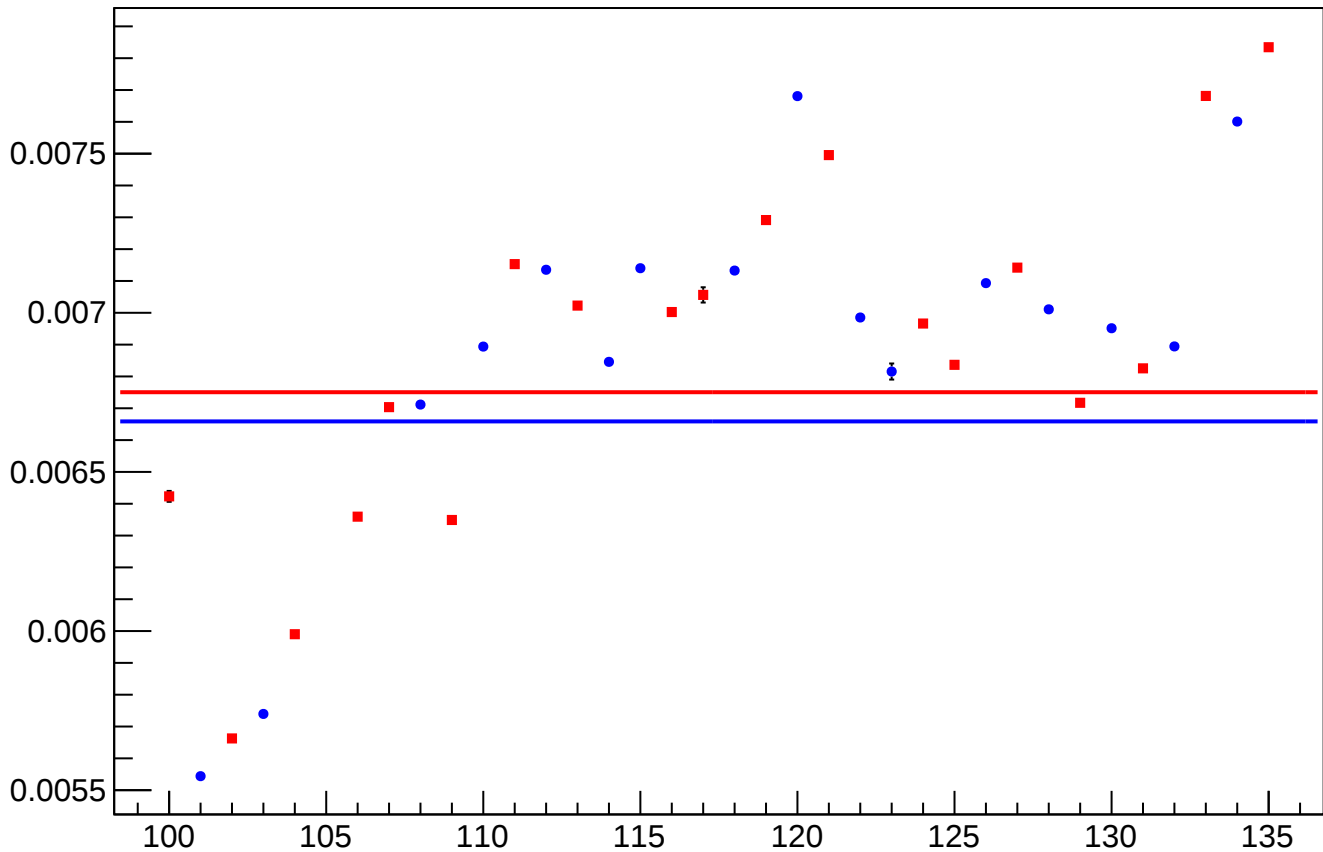
-2.390+/-0.000 χ^2/NDF : 112850620175.0

Right Out: -2.363+/-0.000 χ^2/NDF : 60327709075.9/18

-2.363+/-0.000 χ^2/NDF : 60327709075.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 114916.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 115036.5/18

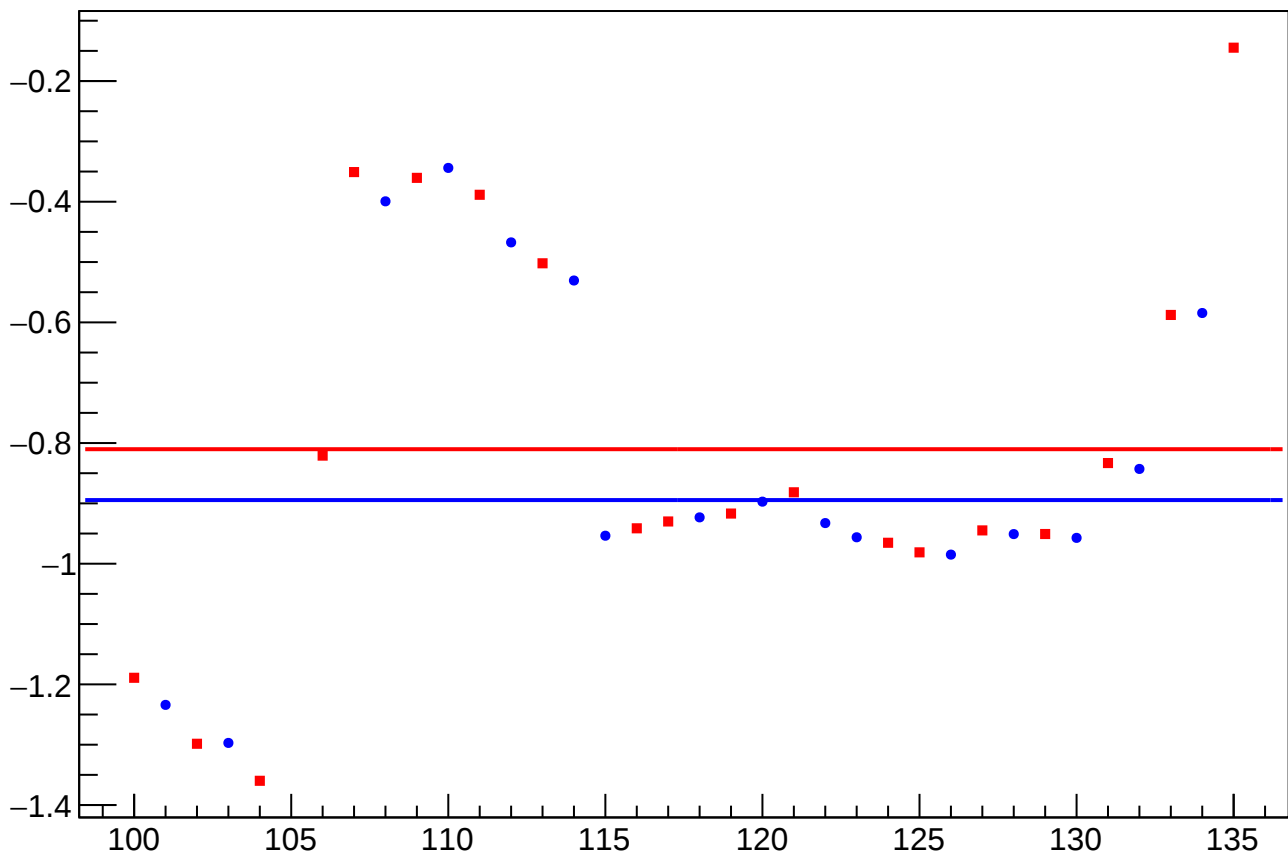
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 114916.4/15

0.007+/-0.000 χ^2/NDF : 231138.5/34

0.007+/-0.000 χ^2/NDF : 115036.5/18

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.895+/-0.000 χ^2/NDF : 4030543850.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.810+/-0.000 χ^2/NDF : 7172810067.8/18

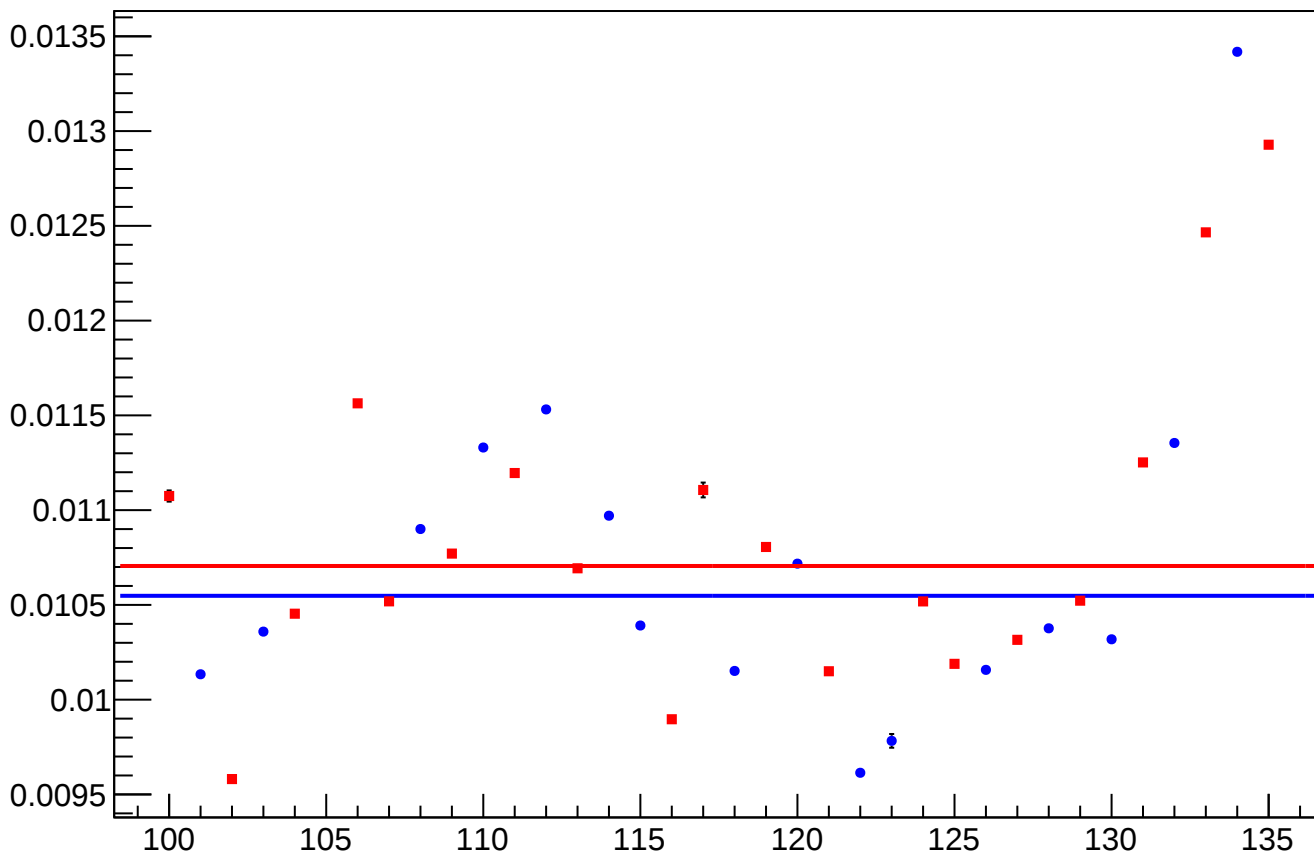
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.895+/-0.000 χ^2/NDF : 4030543850.6/15

-0.850+/-0.000 χ^2/NDF : 11399909059.8/3

-0.810+/-0.000 χ^2/NDF : 7172810067.8/18

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 46491.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 75750.3/18

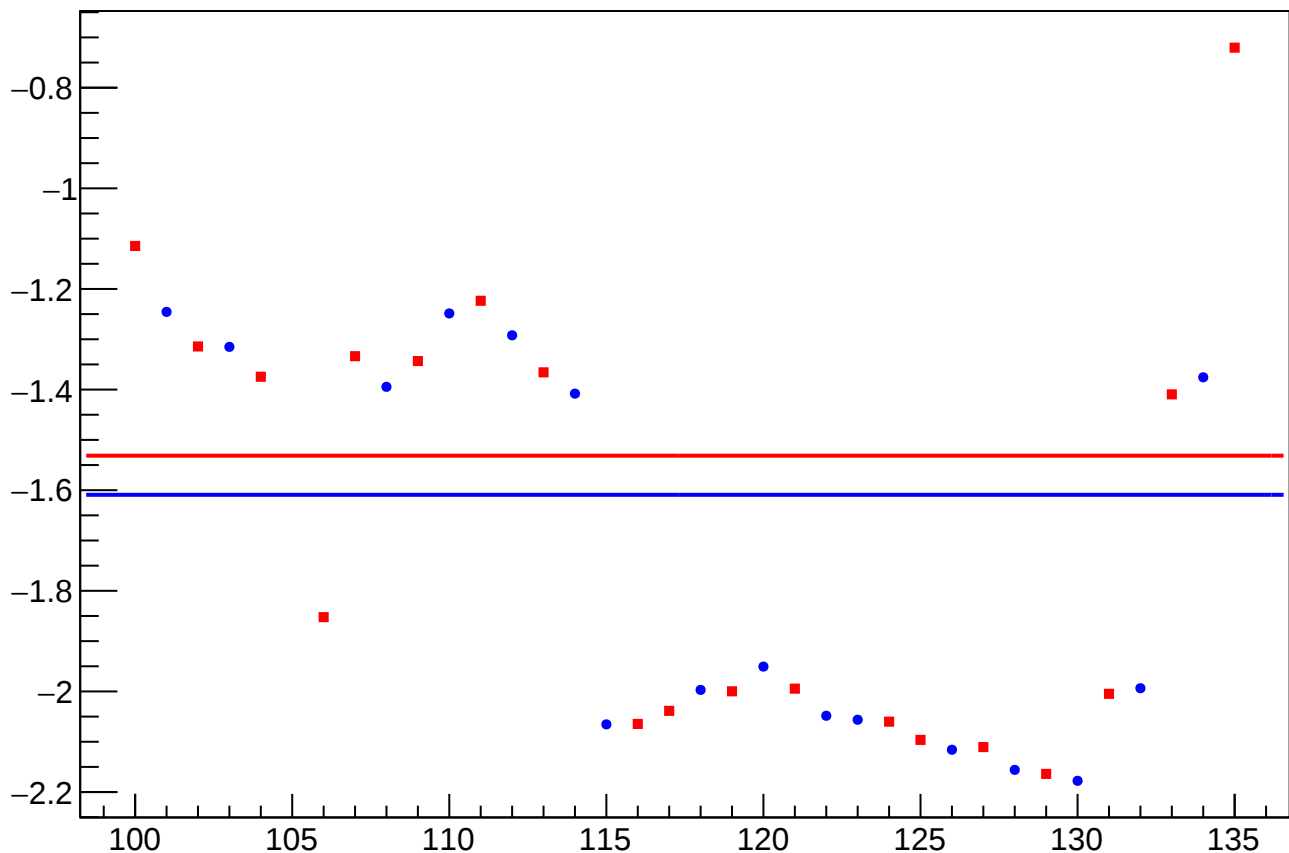
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 46491.7/15

0.011+/-0.000 χ^2/NDF : 123610.7/34

0.011+/-0.000 χ^2/NDF : 75750.3/18

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.609+/-0.000 χ^2/NDF : 121113792272.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.609+/-0.000 χ^2/NDF : 121113792272.3/15

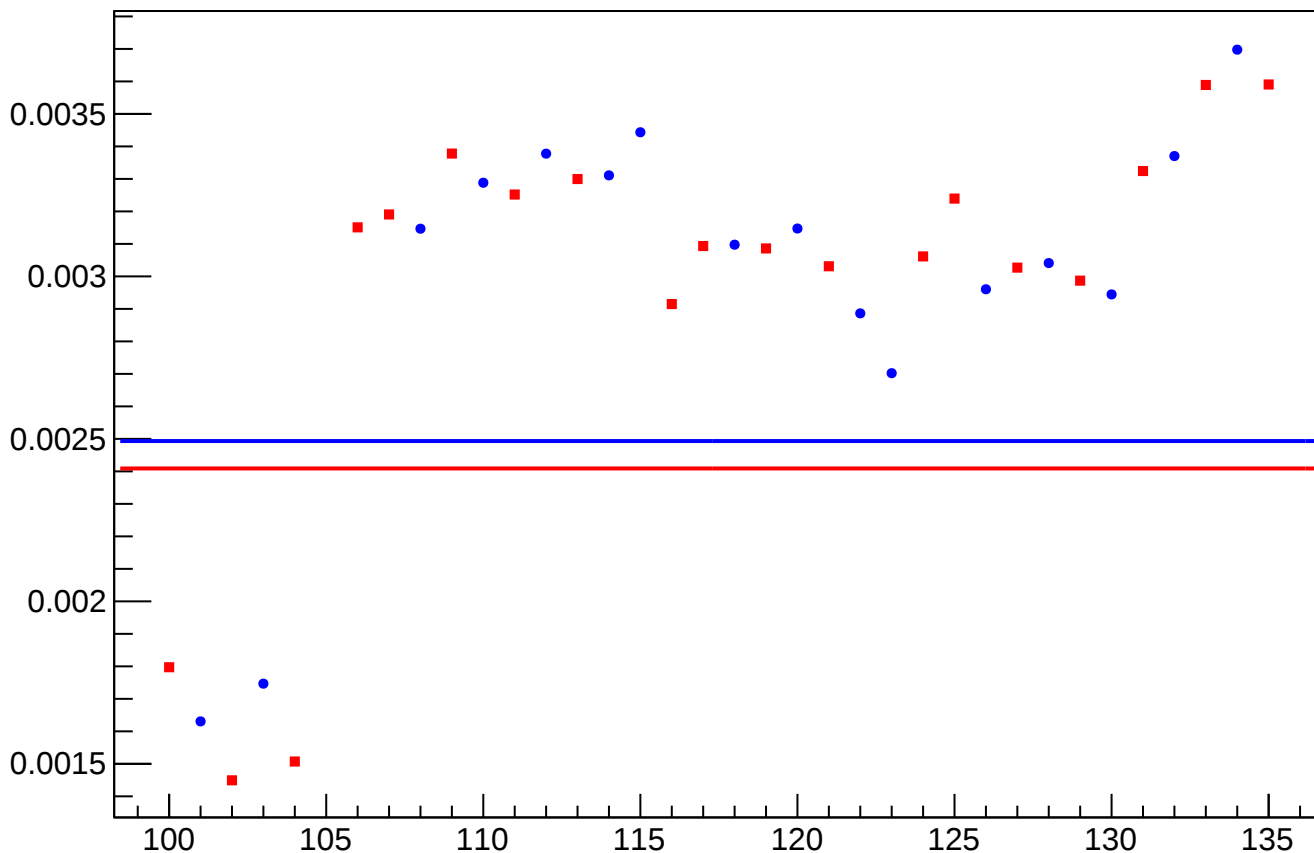
Right Out: -1.531+/-0.000 χ^2/NDF : 132613890066.4/18

-1.567+/-0.000 χ^2/NDF : 256358906911.3

-1.531+/-0.000 χ^2/NDF : 132613890066.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 852471.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1453503.0/18

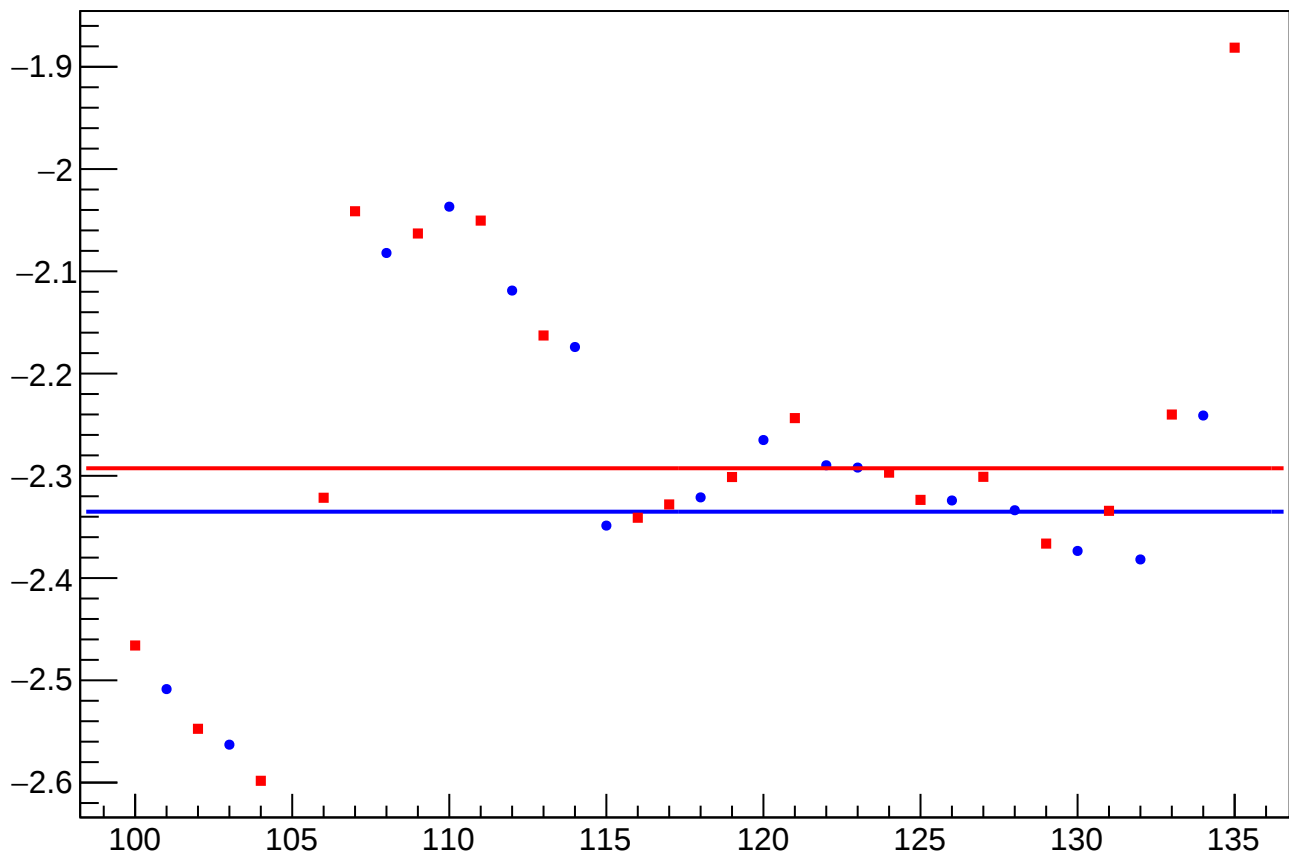
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.002+/-0.000 χ^2/NDF : 852471.0/15

0.002+/-0.000 χ^2/NDF : 2312166.1/34

0.002+/-0.000 χ^2/NDF : 1453503.0/18

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.335+/-0.000 χ^2/NDF : 3060473182.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.293+/-0.000 χ^2/NDF : 5795913669.2/18

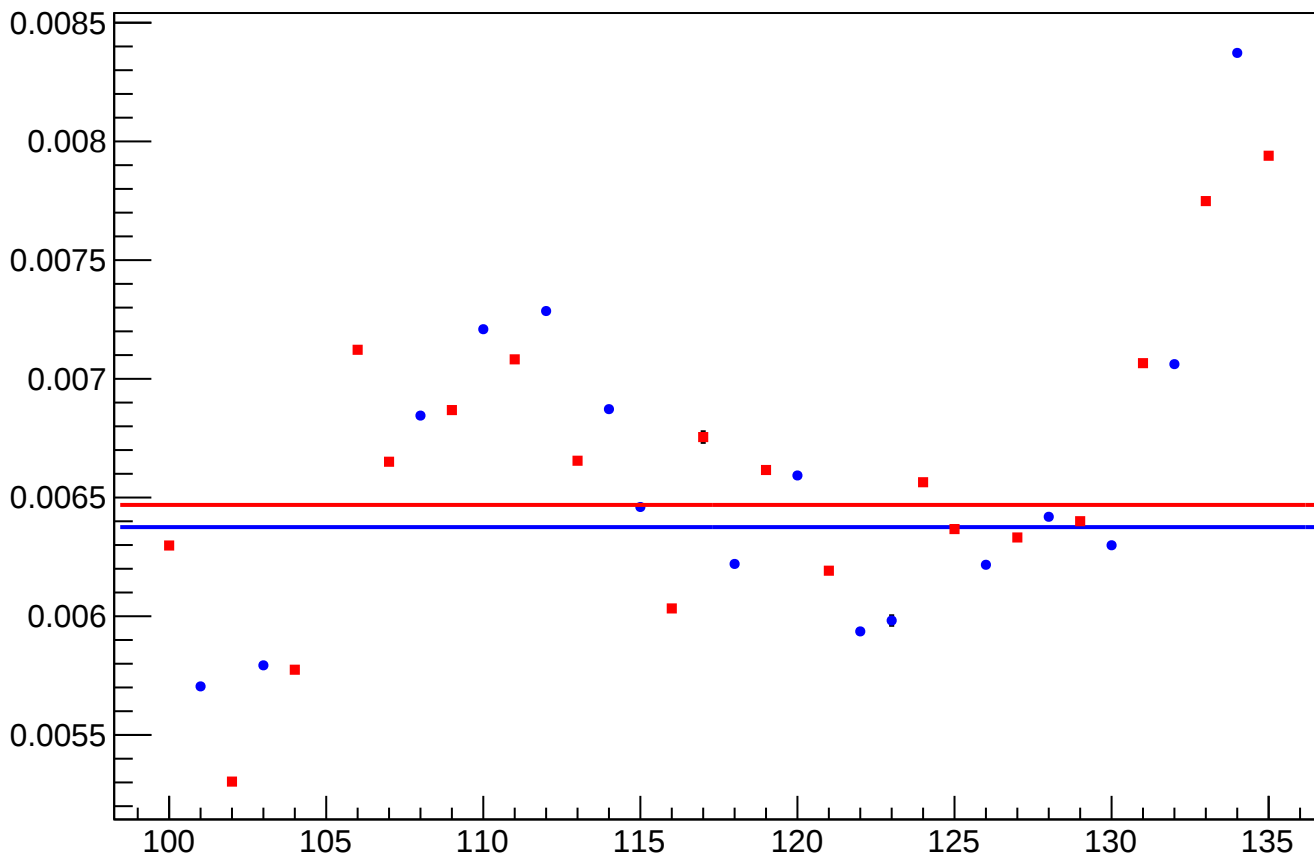
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.335+/-0.000 χ^2/NDF : 3060473182.1/15

-2.313+/-0.000 χ^2/NDF : 8990632771.4/30

-2.293+/-0.000 χ^2/NDF : 5795913669.2/18

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 90799.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 147108.5/18

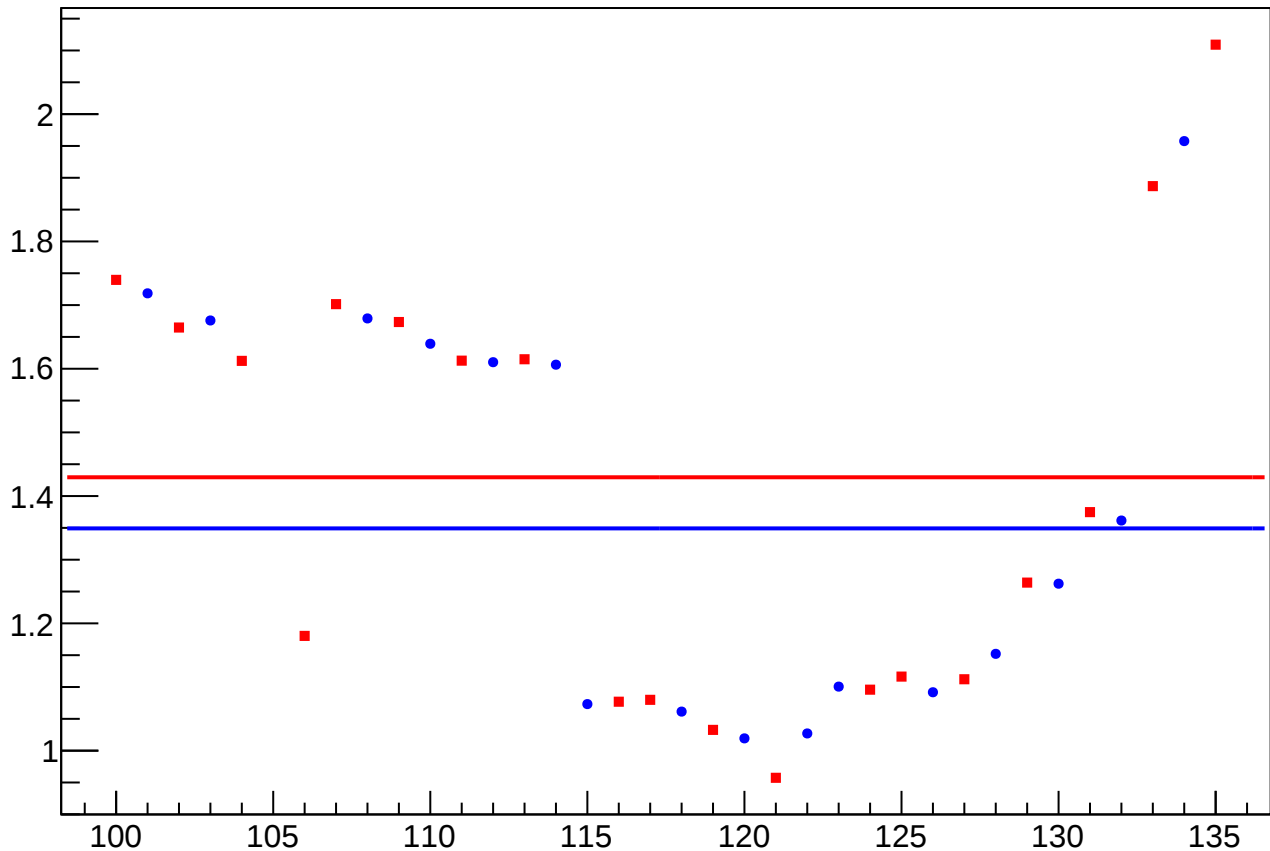
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 90799.5/15

0.006+/-0.000 χ^2/NDF : 239208.1/34

0.006+/-0.000 χ^2/NDF : 147108.5/18

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.349+/-0.000 χ^2/NDF : 109826547108.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.349+/-0.000 χ^2/NDF : 109826547108.2/15

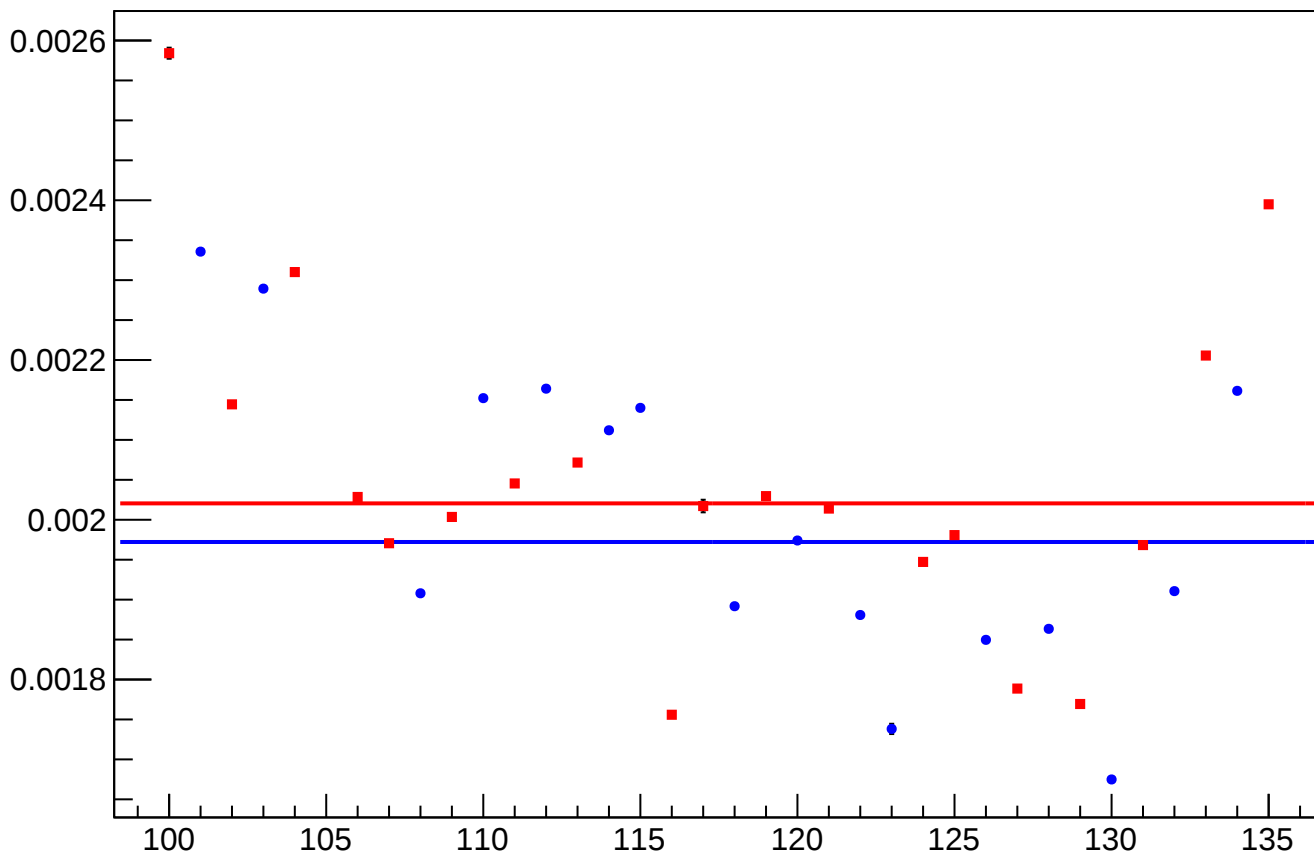
1.392+/-0.000 χ^2/NDF : 277752405671.5/15

Right Out: 1.429+/-0.000 χ^2/NDF : 163191552857.3/18

1.429+/-0.000 χ^2/NDF : 163191552857.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 107838.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 96930.2/18

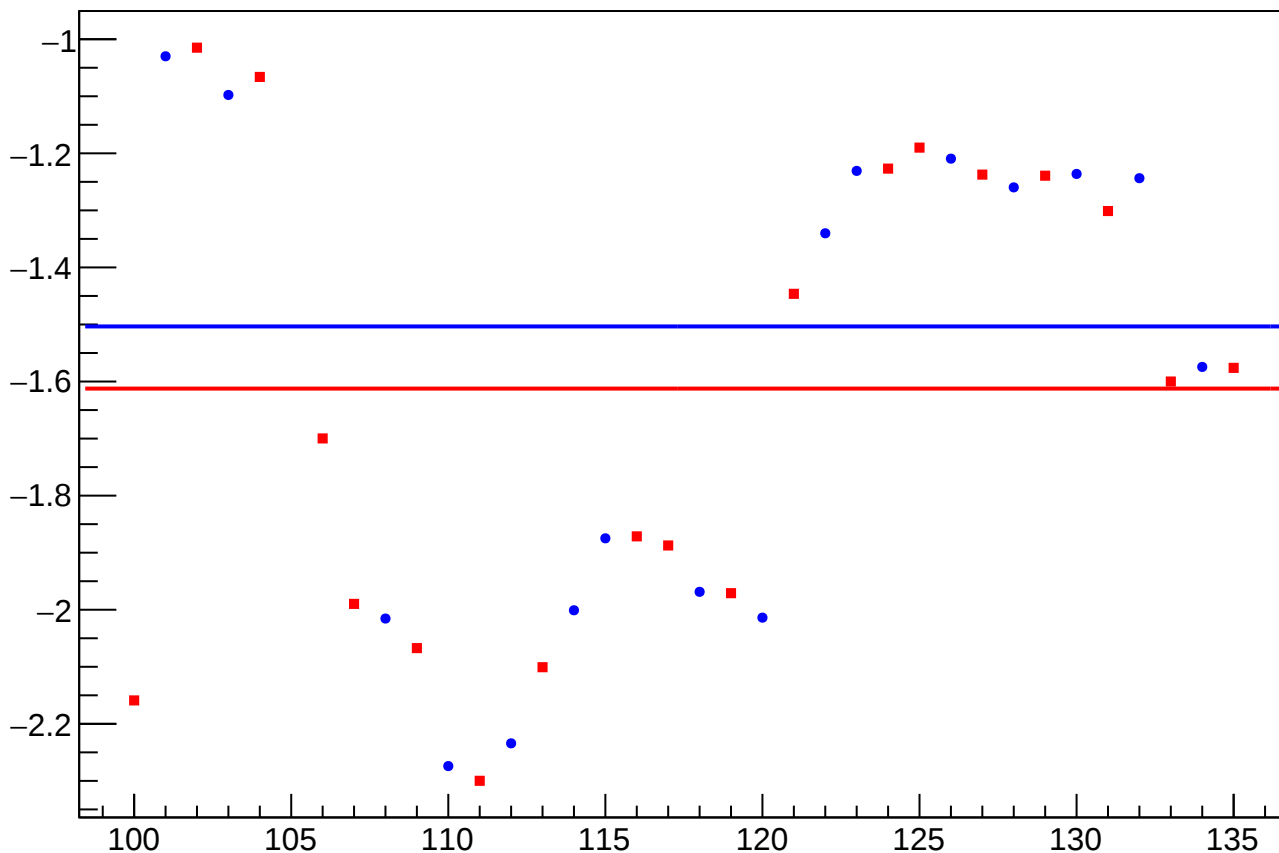
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 107838.4/15

0.002+/-0.000 χ^2/NDF : 208198.6/34

0.002+/-0.000 χ^2/NDF : 96930.2/18

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.503+/-0.000 χ^2/NDF : 22459597861.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.503+/-0.000 χ^2/NDF : 22459597861.1/15

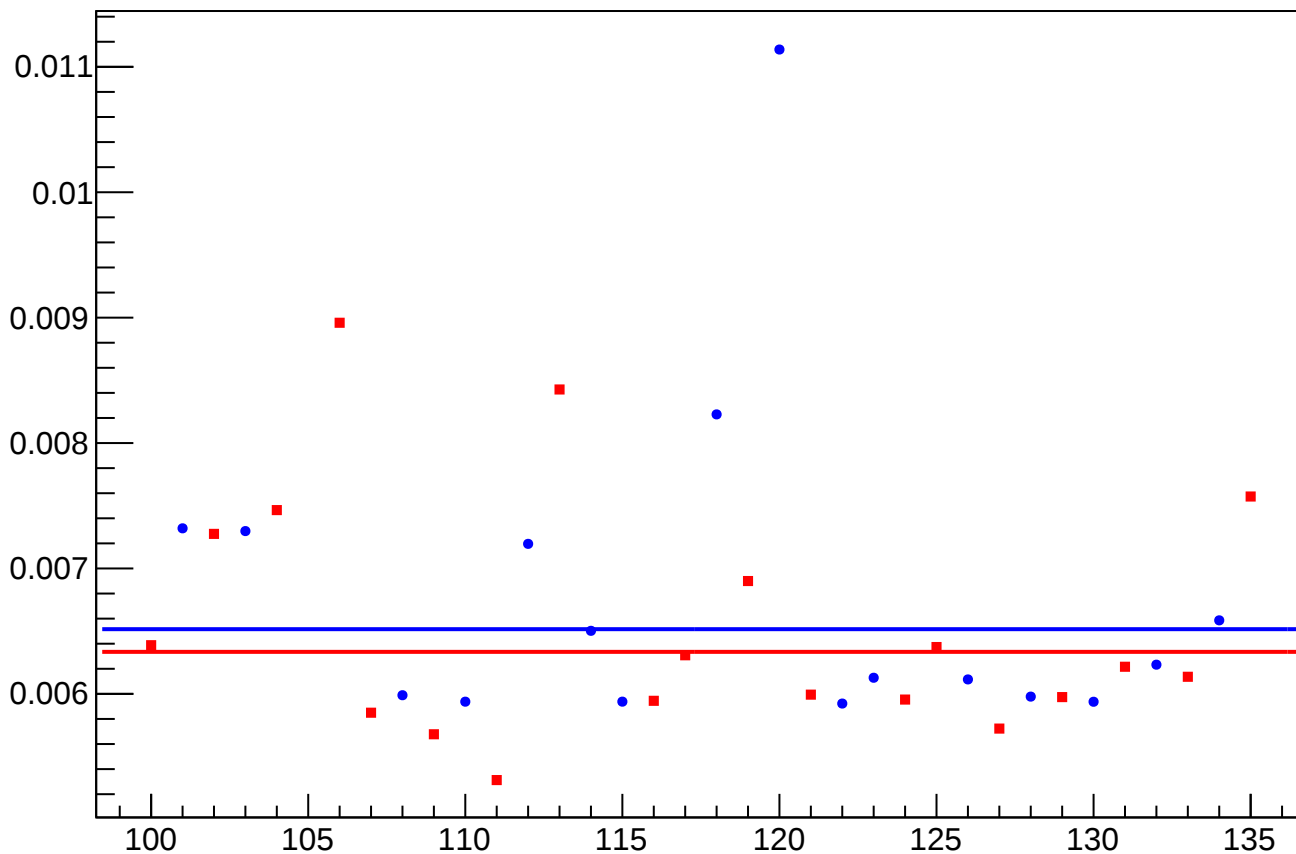
-1.565+/-0.000 χ^2/NDF : 51152523243.5/15

Right Out: -1.612+/-0.000 χ^2/NDF : 27860881485.6/18

-1.612+/-0.000 χ^2/NDF : 27860881485.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 205242.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 221992.5/18

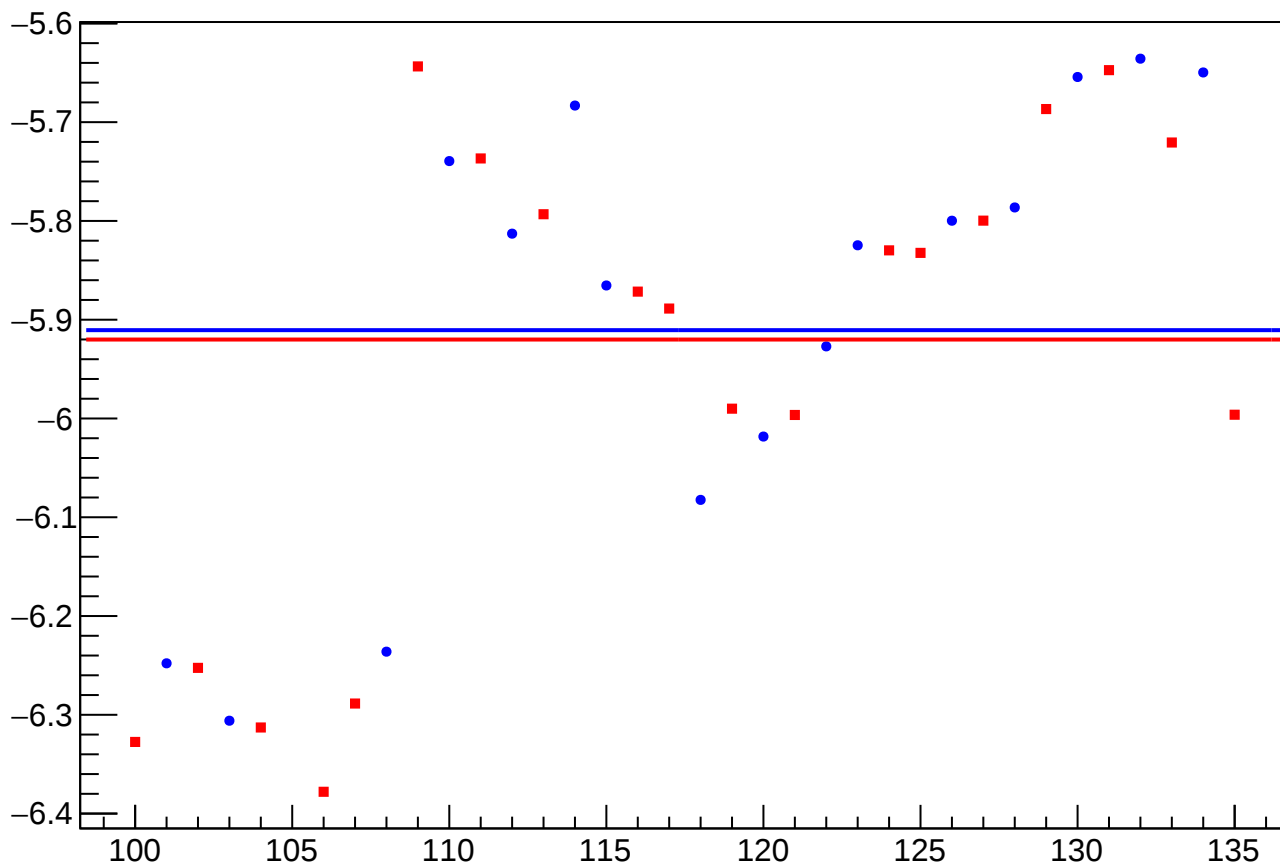
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 205242.7/15

0.006+/-0.000 χ^2/NDF : 431823.4/34

0.006+/-0.000 χ^2/NDF : 221992.5/18

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.911+/-0.000 χ^2/NDF : 11154089598.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.920+/-0.000 χ^2/NDF : 12785281807.5/18

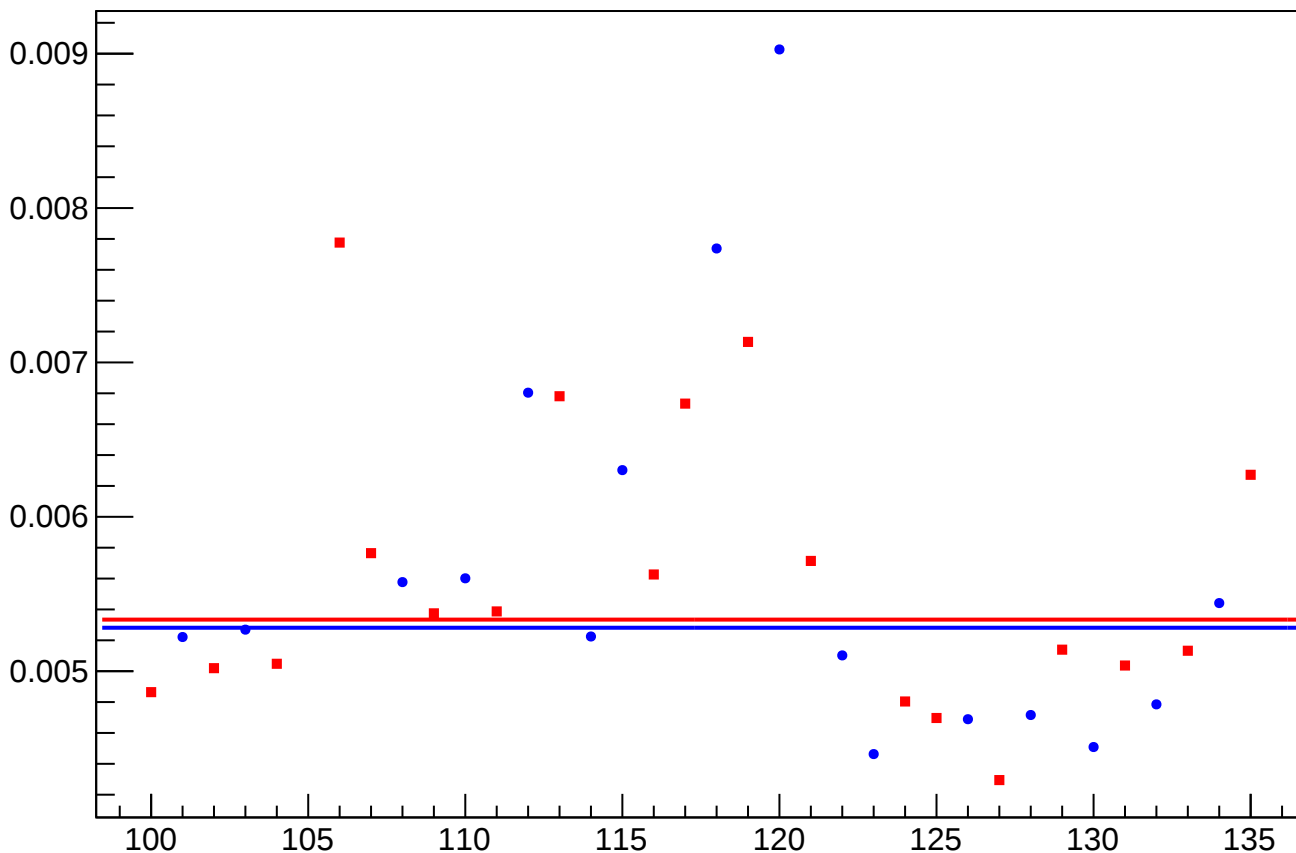
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.911+/-0.000 χ^2/NDF : 11154089598.9/15

-5.916+/-0.000 χ^2/NDF : 23948500302.6/15

-5.920+/-0.000 χ^2/NDF : 12785281807.5/18

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 305174.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 244735.5/18

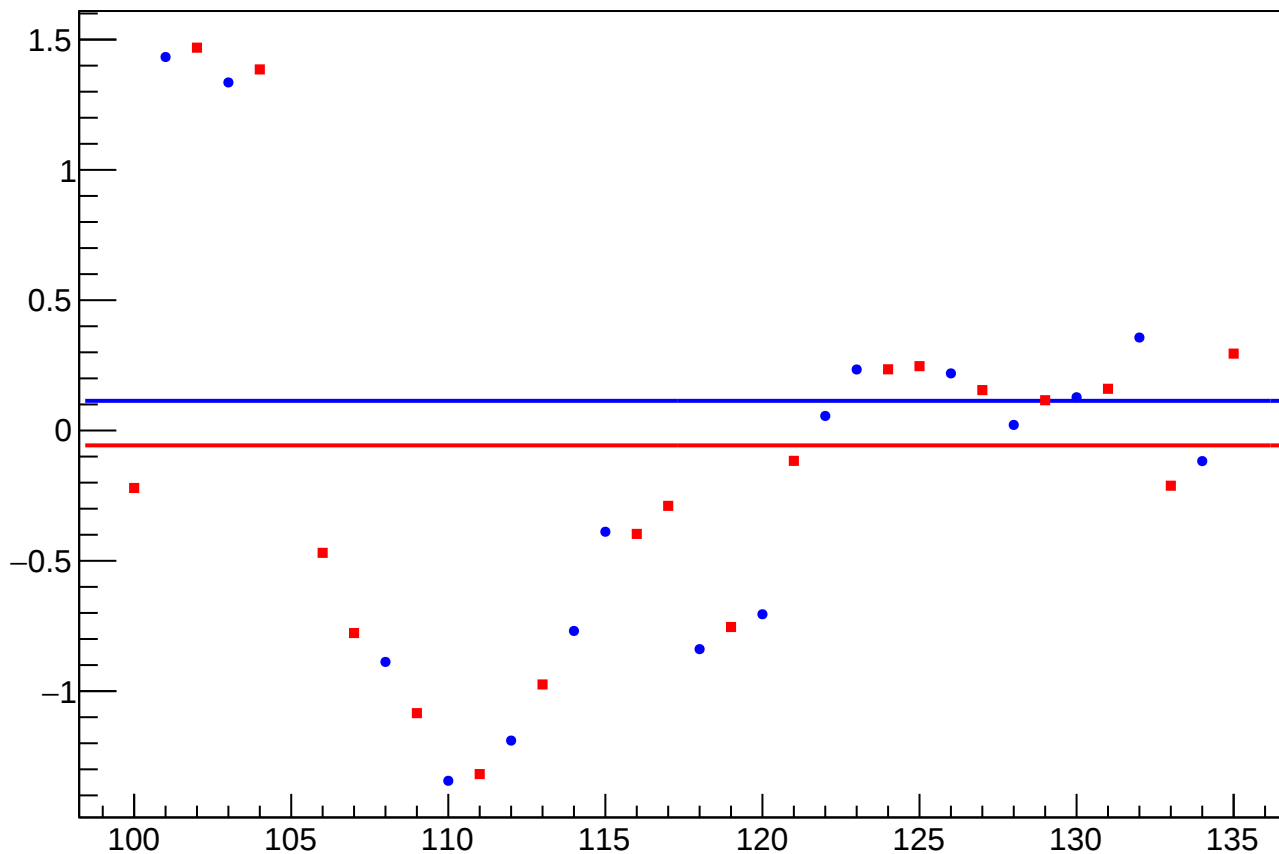
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 305174.9/15

0.005+/-0.000 χ^2/NDF : 550471.0/34

0.005+/-0.000 χ^2/NDF : 244735.5/18

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.114+/-0.000 χ^2/NDF : 16575943097.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.000 χ^2/NDF : 21061014360.4/18

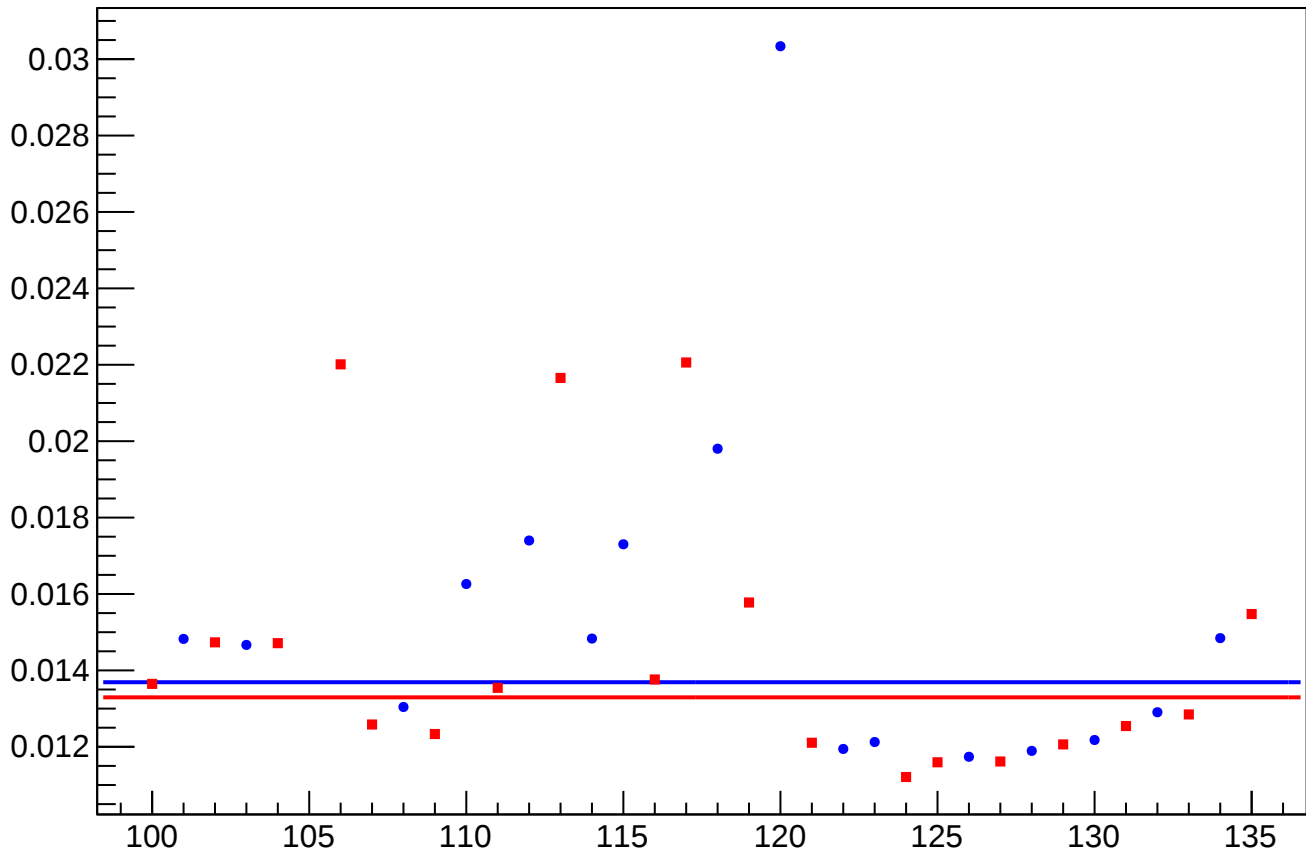
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.114+/-0.000 χ^2/NDF : 16575943097.0/15

0.017+/-0.000 χ^2/NDF : 38089741401.8/3

-0.057+/-0.000 χ^2/NDF : 21061014360.4/18

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 379432.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 297708.7/18

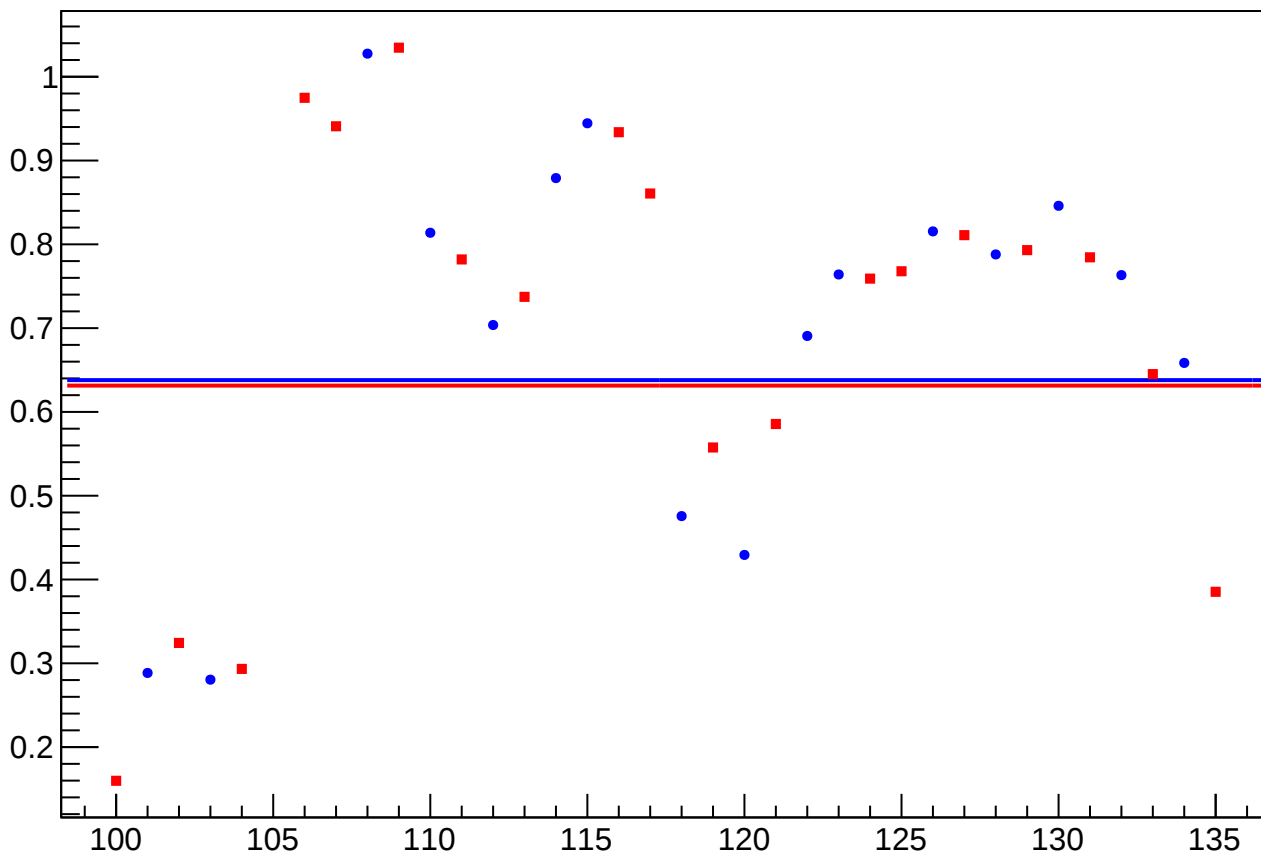
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 379432.0/15

0.013+/-0.000 χ^2/NDF : 682009.5/34

0.013+/-0.000 χ^2/NDF : 297708.7/18

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.638+/-0.000 χ^2/NDF : 5188796635.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.638+/-0.000 χ^2/NDF : 5188796635.9/15

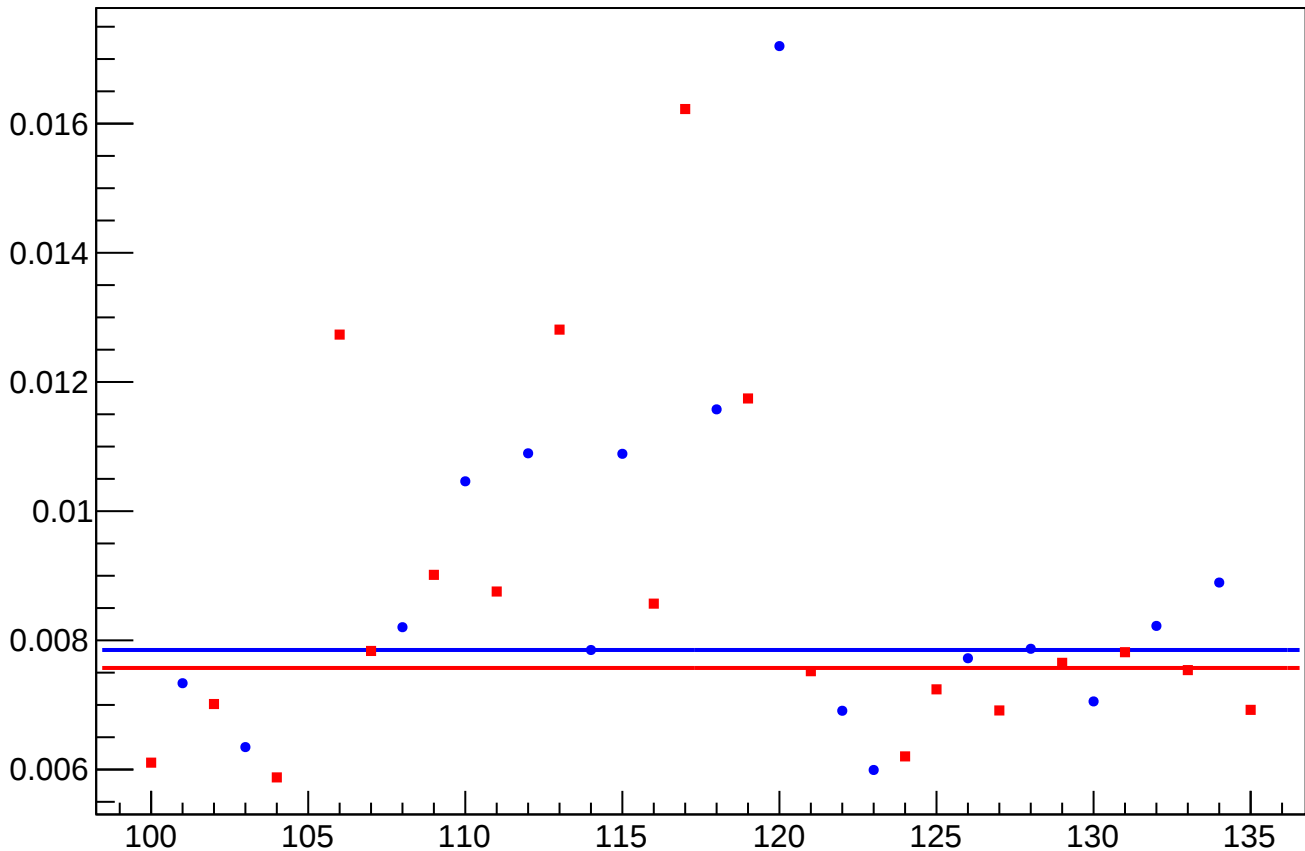
0.634+/-0.000 χ^2/NDF : 11481776927.9/3

Right Out: 0.631+/-0.000 χ^2/NDF : 6291017661.4/18

0.631+/-0.000 χ^2/NDF : 6291017661.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 464998.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 461866.9/18

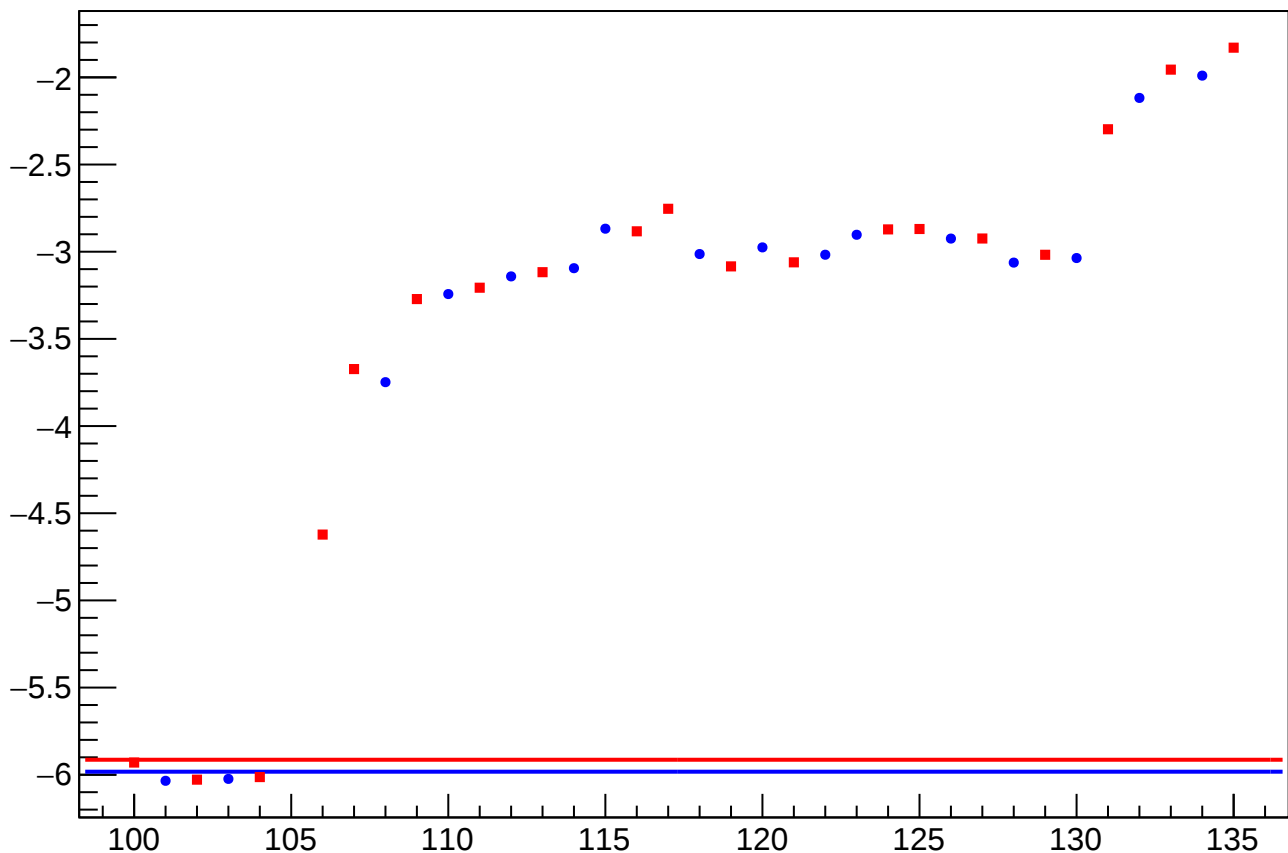
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 464998.2/15

0.008+/-0.000 χ^2/NDF : 934034.7/34

0.008+/-0.000 χ^2/NDF : 461866.9/18

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.982+/-0.000 χ^2/NDF : 6119432599.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.914+/-0.000 χ^2/NDF : 14376214574.6/18

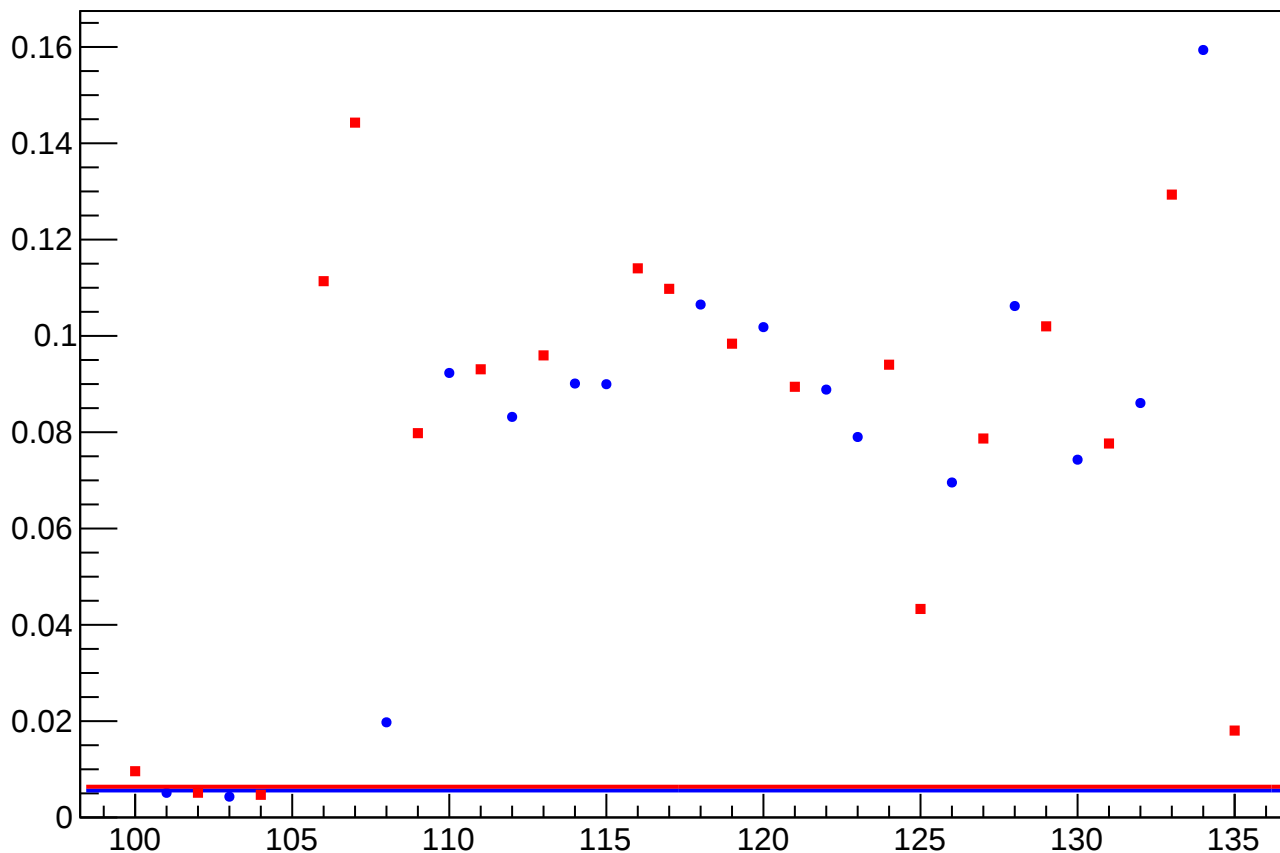
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.982+/-0.000 χ^2/NDF : 6119432599.1/15

-5.952+/-0.000 χ^2/NDF : 20594630725.1/15

-5.914+/-0.000 χ^2/NDF : 14376214574.6/18

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7023143.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 8267427.8/18

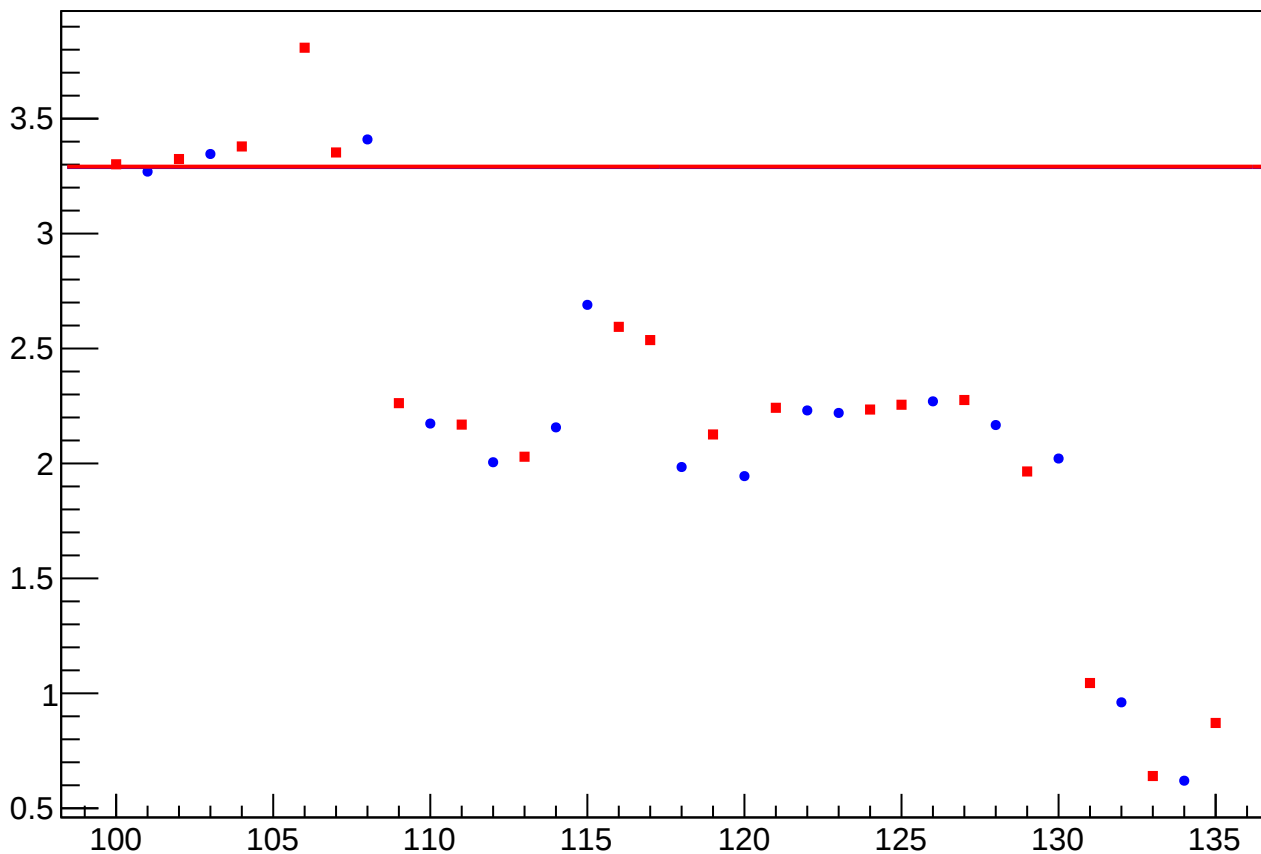
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7023143.1/15

0.006+/-0.000 χ^2/NDF : 15316134.3/34

0.006+/-0.000 χ^2/NDF : 8267427.8/18

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.289+/-0.000 χ^2/NDF : 942888504.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.291+/-0.000 χ^2/NDF : 3183349620.2/18

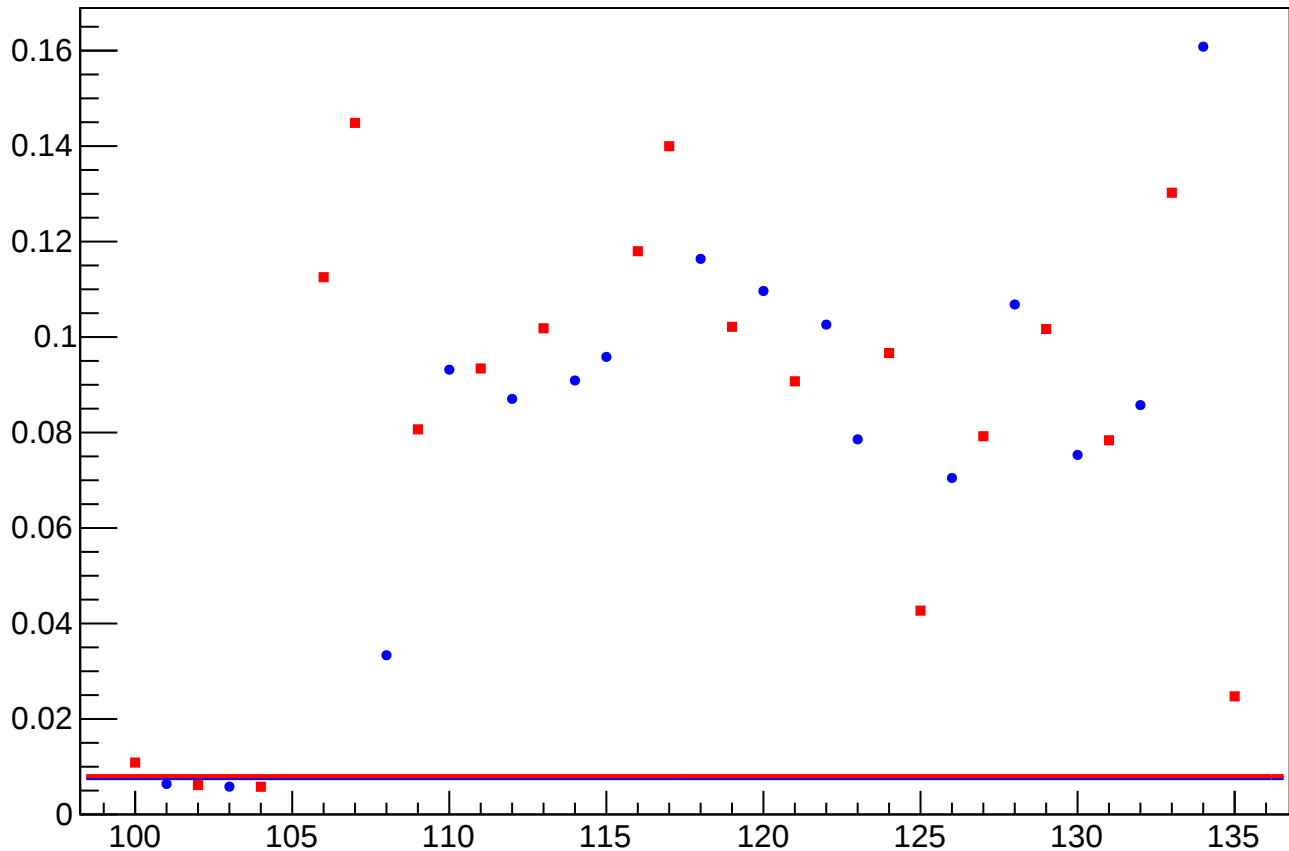
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.289+/-0.000 χ^2/NDF : 942888504.7/15

3.290+/-0.000 χ^2/NDF : 4126278186.2/34

3.291+/-0.000 χ^2/NDF : 3183349620.2/18

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 6932007.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 8087195.8/18

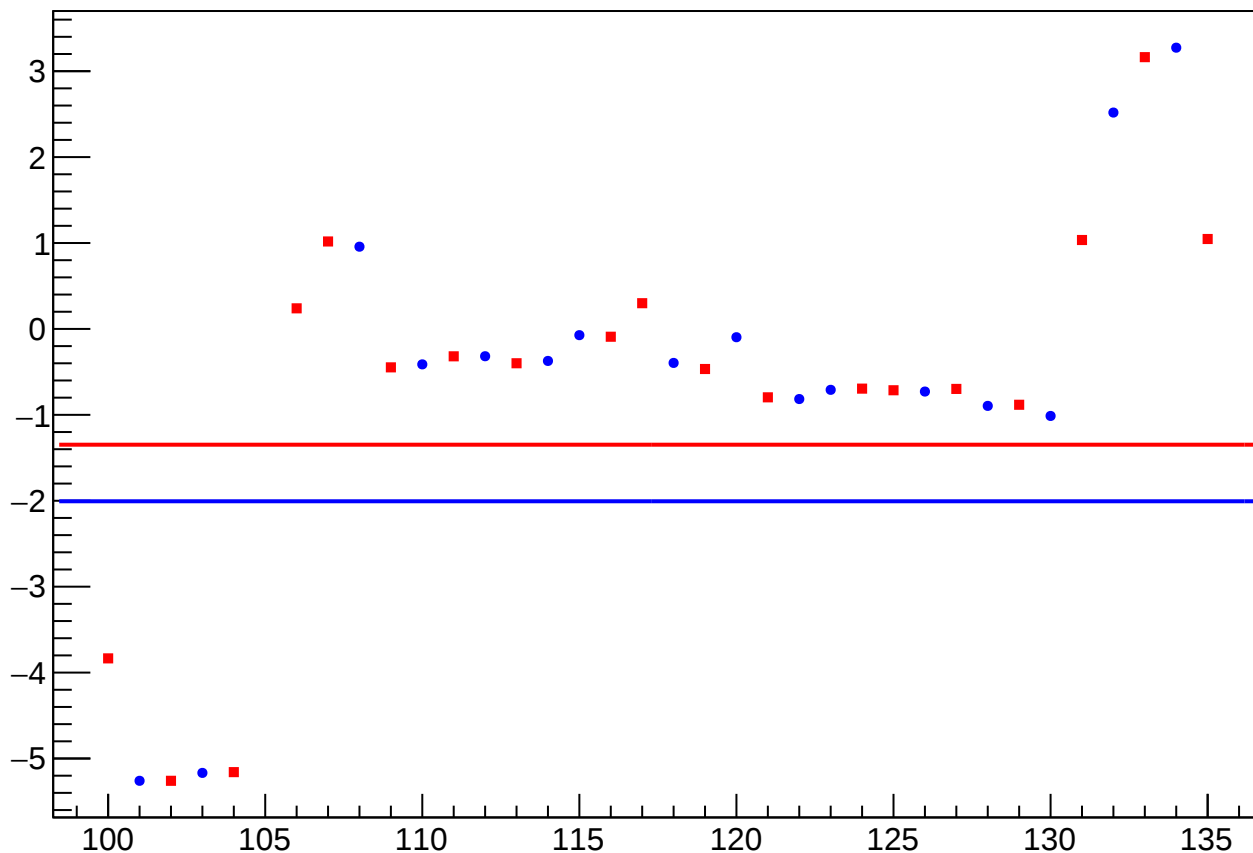
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 6932007.3/15

0.008+/-0.000 χ^2/NDF : 15024227.3/34

0.008+/-0.000 χ^2/NDF : 8087195.8/18

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.006+/-0.000 χ^2/NDF : 148441563456.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.348+/-0.000 χ^2/NDF : 175236346805.3/18

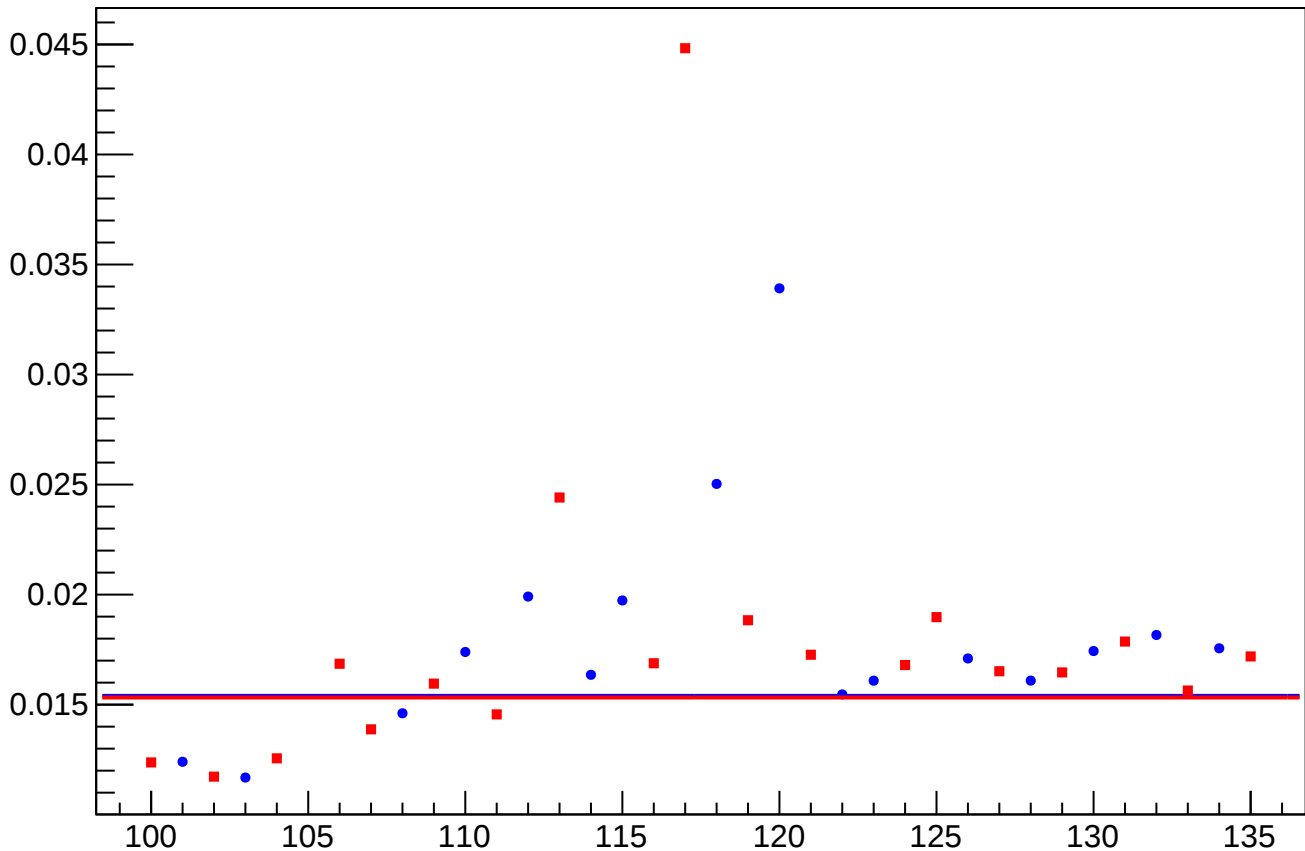
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.006+/-0.000 χ^2/NDF : 148441563456.1/15

-1.639+/-0.000 χ^2/NDF : 328631188605.8

-1.348+/-0.000 χ^2/NDF : 175236346805.3/18

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 554230.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 383866.4/18

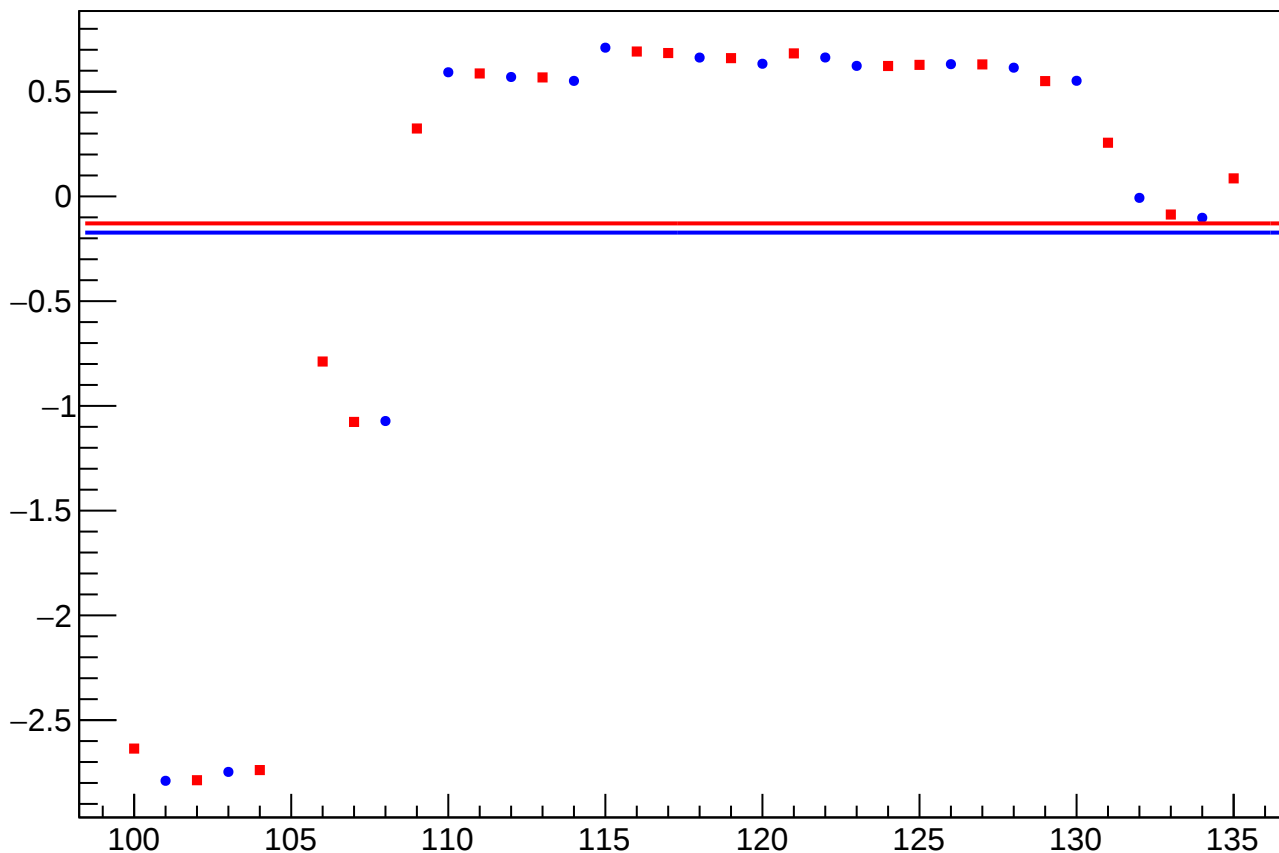
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 554230.9/15

0.015+/-0.000 χ^2/NDF : 938219.0/34

0.015+/-0.000 χ^2/NDF : 383866.4/18

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.173+/-0.000 χ^2 /NDF: 711251330465.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.173+/-0.000 χ^2 /NDF: 711251330465.3/15

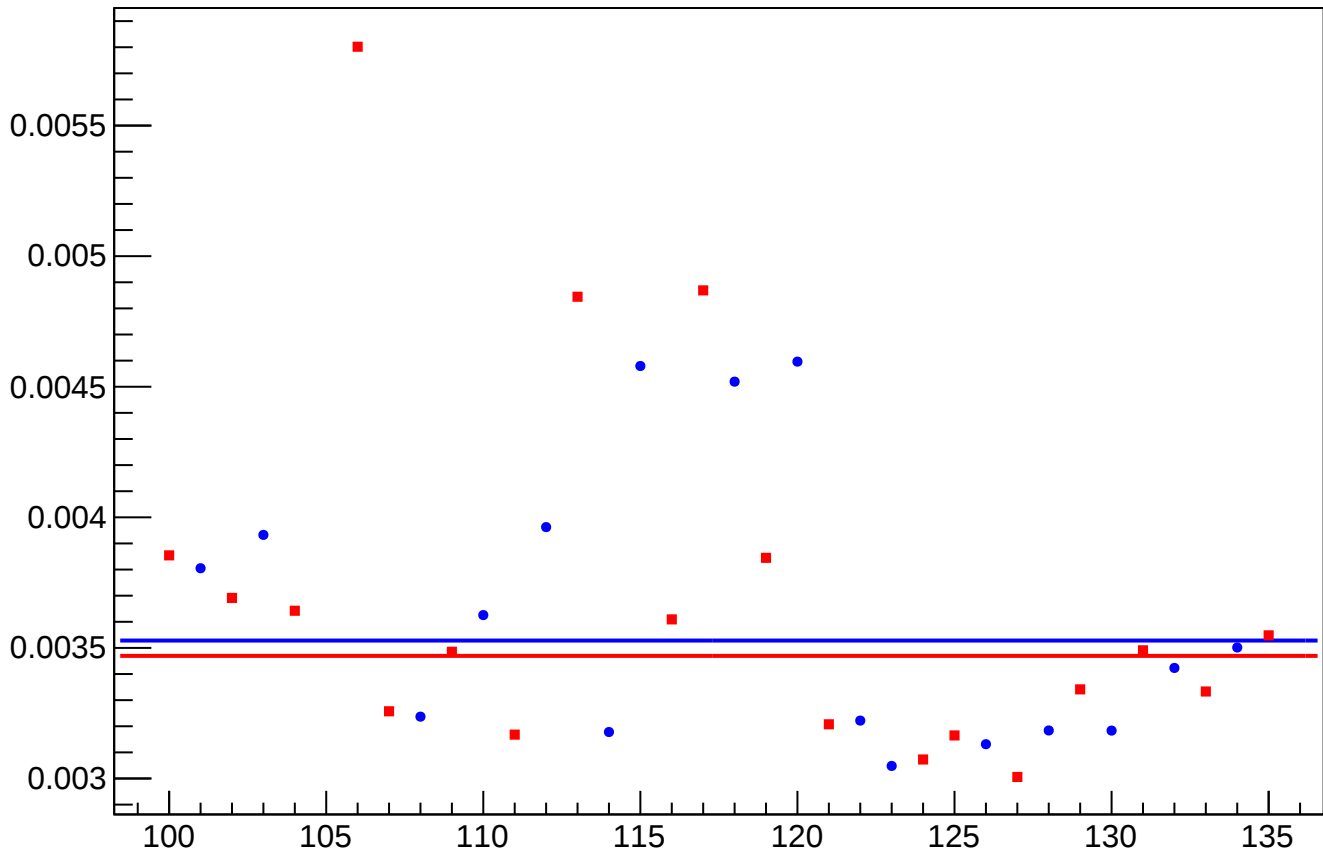
Right Out: -0.129+/-0.000 χ^2 /NDF: 761873184054.0/18

-0.149+/-0.000 χ^2 /NDF: 1473597069114.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.129+/-0.000 χ^2 /NDF: 761873184054.0/18

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 169139.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 222034.2/18

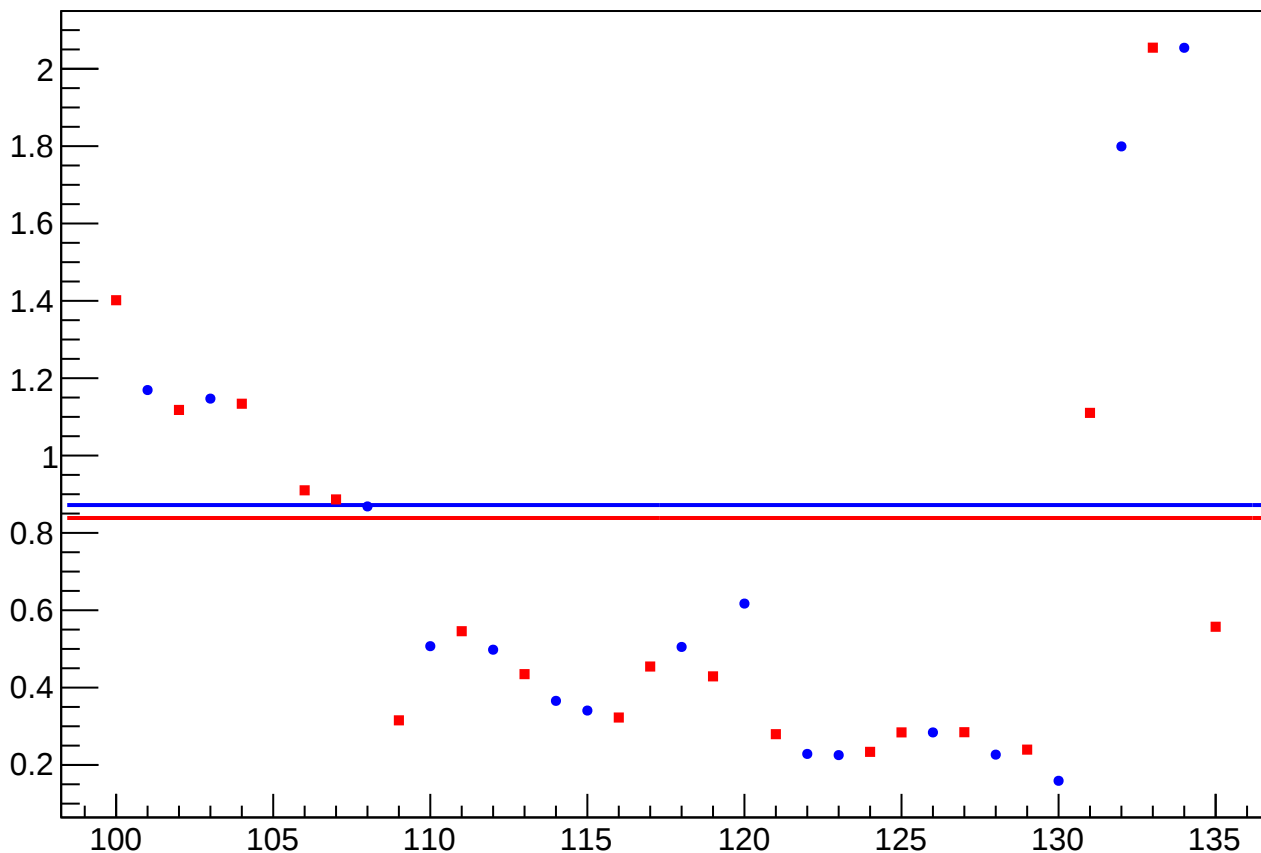
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 169139.4/15

0.003 $\pm$ 0.000 χ^2 /NDF: 392860.1/34

0.003 $\pm$ 0.000 χ^2 /NDF: 222034.2/18

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.872+/-0.000 χ^2/NDF : 29123751092.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.839+/-0.000 χ^2/NDF : 32743665743.4/18

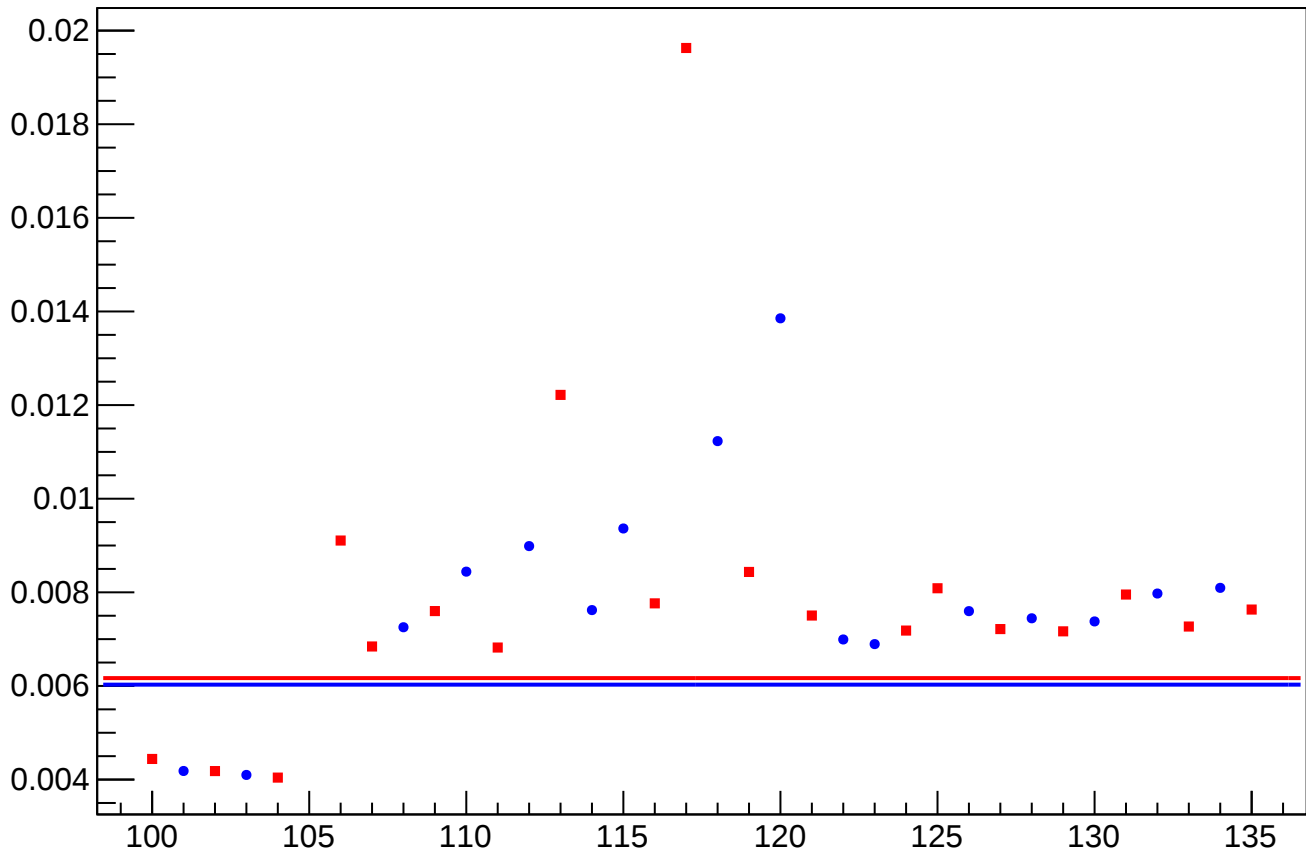
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.872+/-0.000 χ^2/NDF : 29123751092.0/15

0.854+/-0.000 χ^2/NDF : 61943993235.5/3

0.839+/-0.000 χ^2/NDF : 32743665743.4/18

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1160314.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1053477.0/18

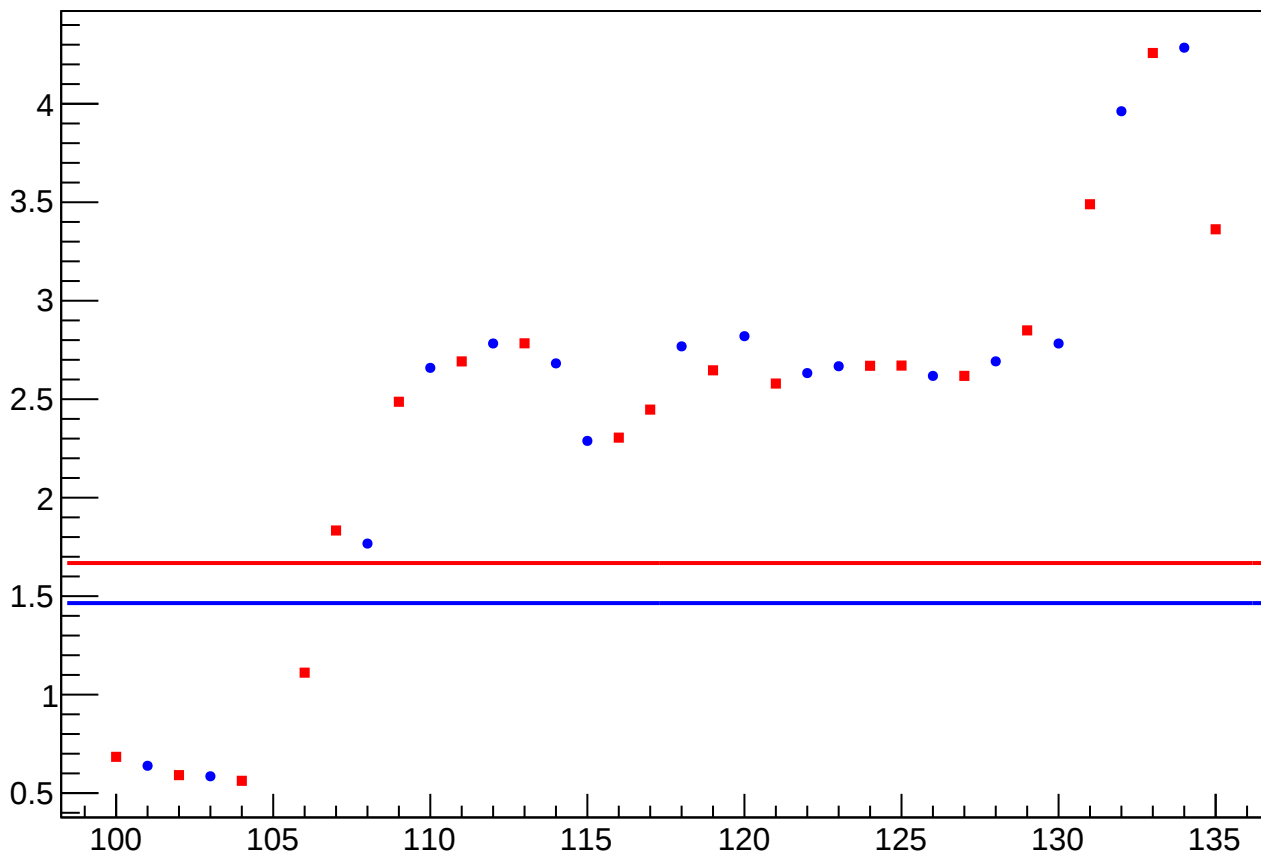
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1160314.9/15

0.006+/-0.000 χ^2/NDF : 2216463.2/34

0.006+/-0.000 χ^2/NDF : 1053477.0/18

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.465+/-0.000 χ^2/NDF : 167090926732.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.465+/-0.000 χ^2/NDF : 167090926732.0/15

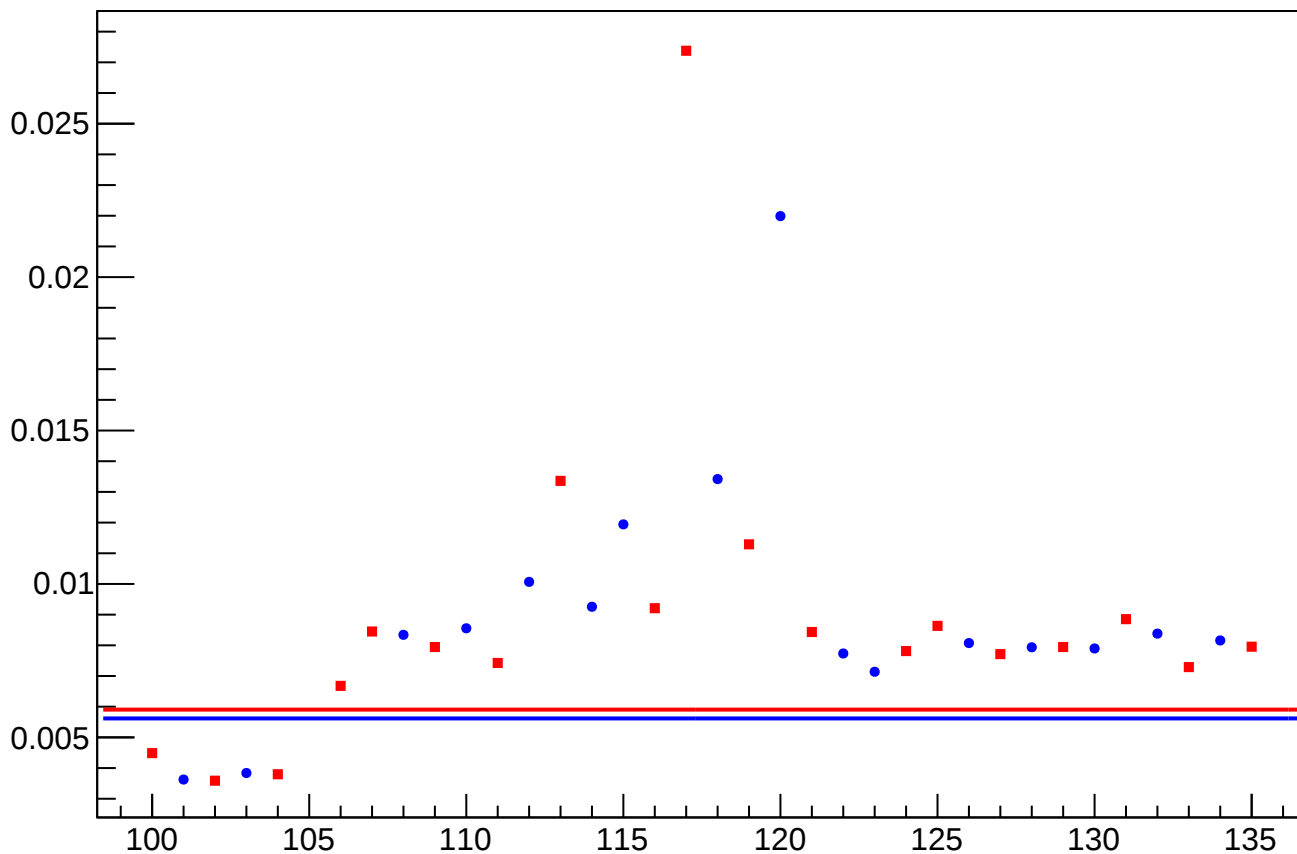
1.573+/-0.000 χ^2/NDF : 390321361600.8/15

Right Out: 1.668+/-0.000 χ^2/NDF : 220341860652.7/18

1.668+/-0.000 χ^2/NDF : 220341860652.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1808781.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1715330.4/18

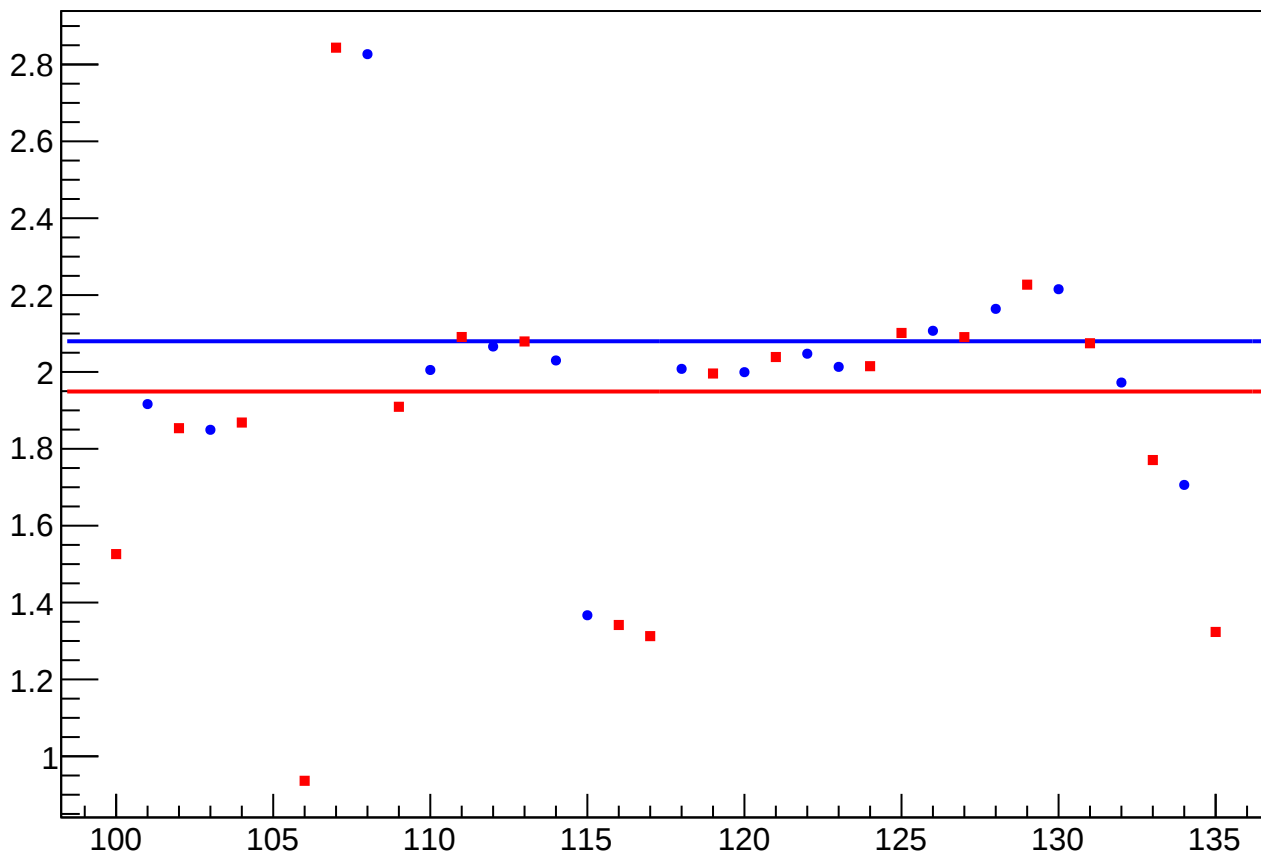
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1808781.2/15

0.006+/-0.000 χ^2/NDF : 3535679.7/34

0.006+/-0.000 χ^2/NDF : 1715330.4/18

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.080+/-0.000 χ^2/NDF : 8304649141.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.949+/-0.000 χ^2/NDF : 21263047374.0/18

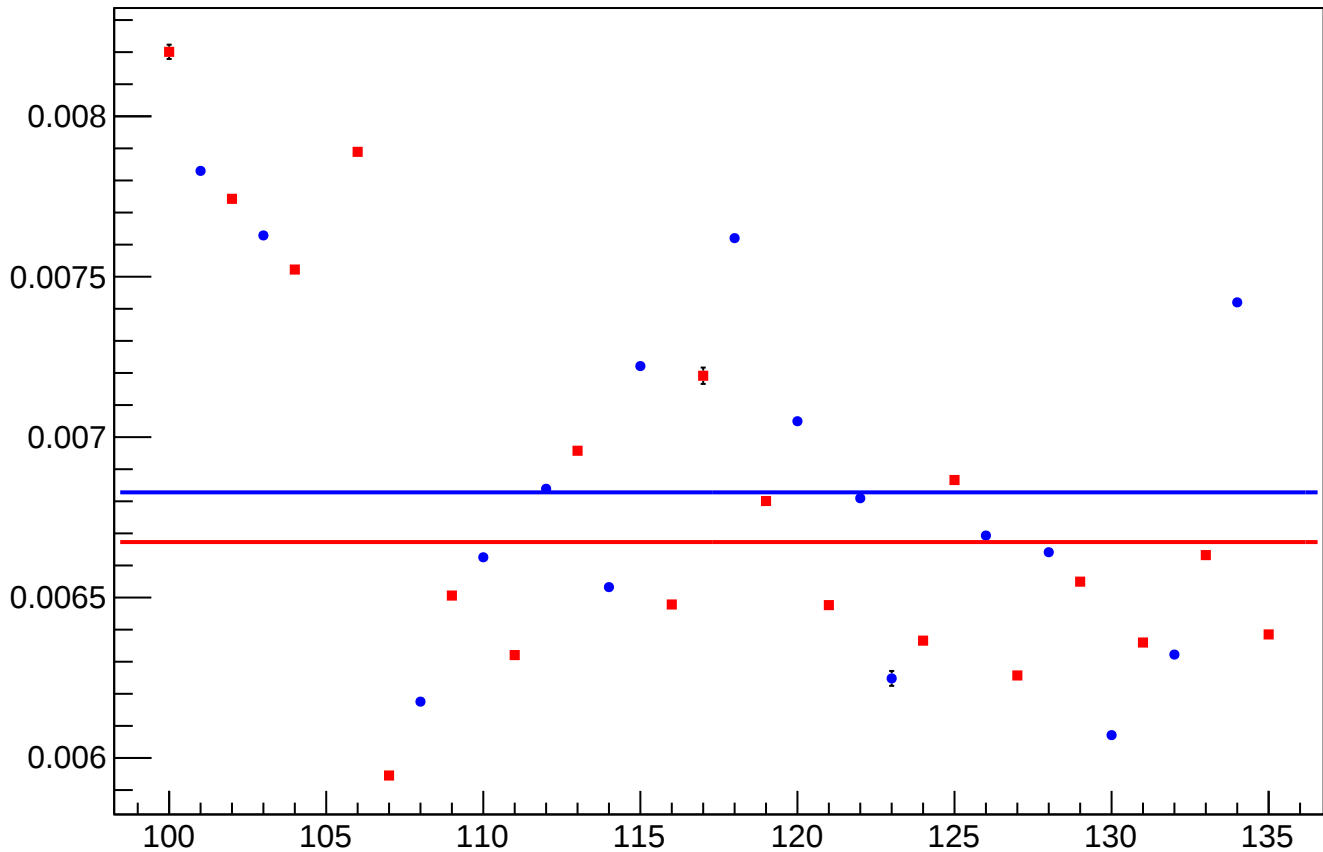
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.080+/-0.000 χ^2/NDF : 8304649141.3/15

2.007+/-0.000 χ^2/NDF : 30701243807.1/3

1.949+/-0.000 χ^2/NDF : 21263047374.0/18

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 75641.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 75266.2/18

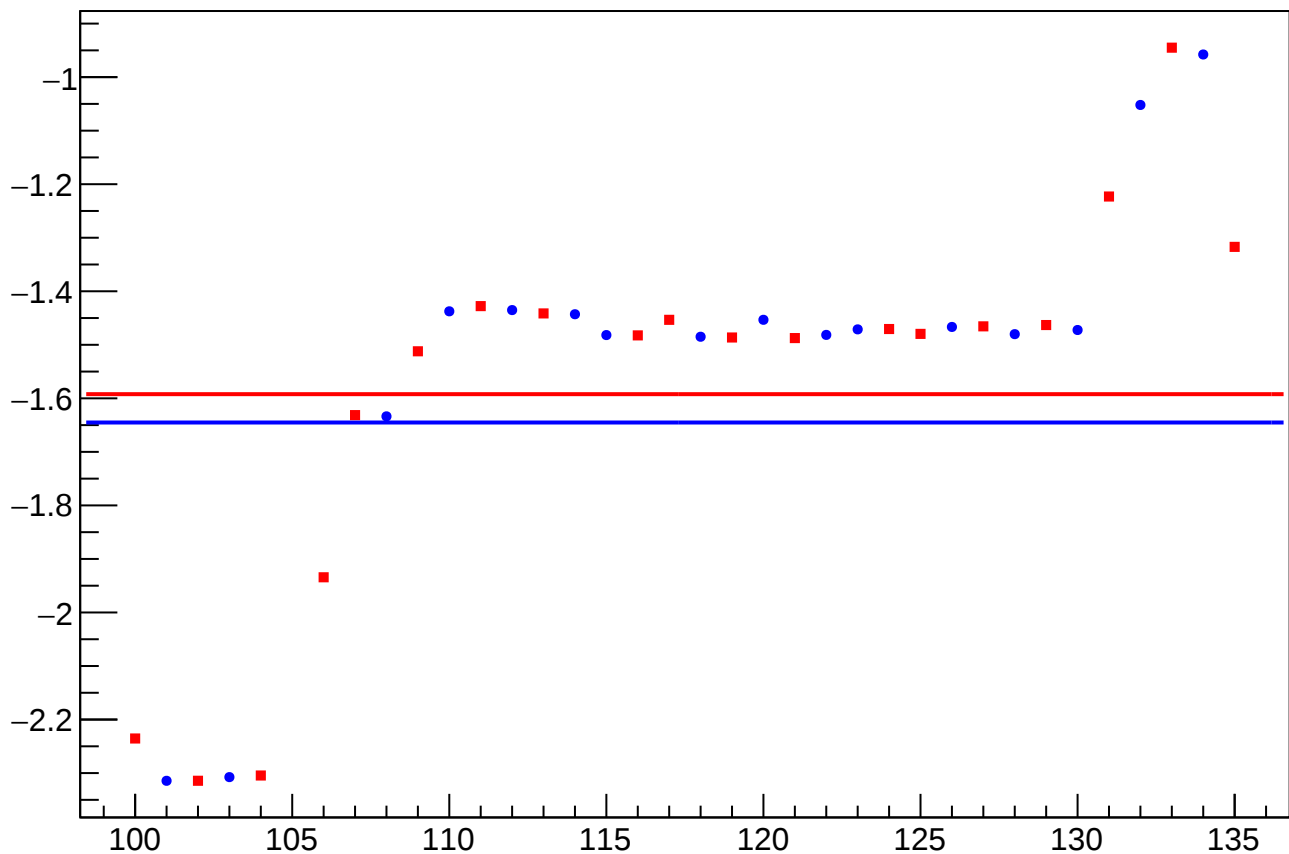
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 75641.1/15

0.007+/-0.000 χ^2/NDF : 154092.0/34

0.007+/-0.000 χ^2/NDF : 75266.2/18

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.645 ± 0.000 χ^2/NDF : 129739003968.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.645 ± 0.000 χ^2/NDF : 129739003968.2/15

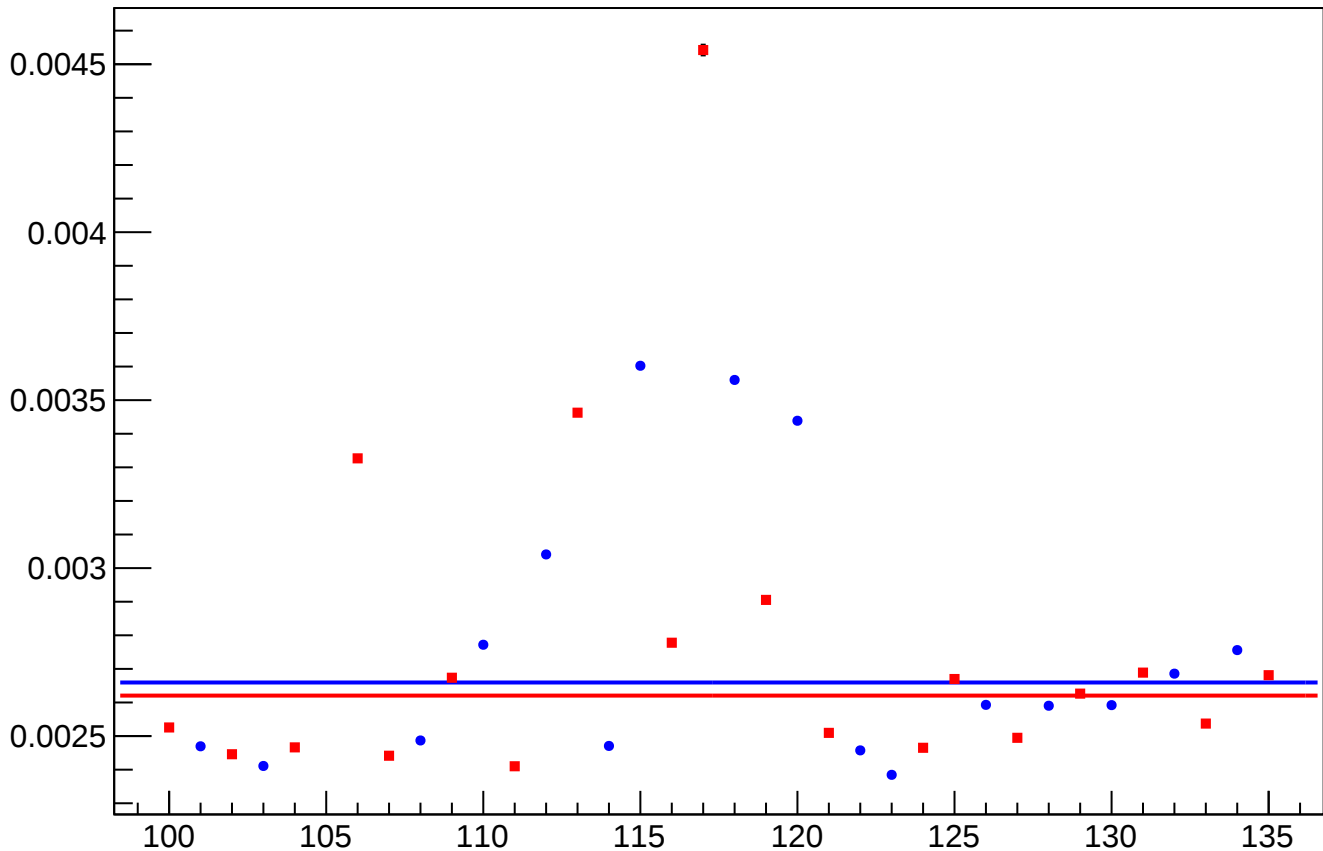
-1.616 ± 0.000 χ^2/NDF : 272454405161.3

Right Out: -1.592 ± 0.000 χ^2/NDF : 141519500105.8/18

-1.592 ± 0.000 χ^2/NDF : 141519500105.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 148632.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 118789.5/18

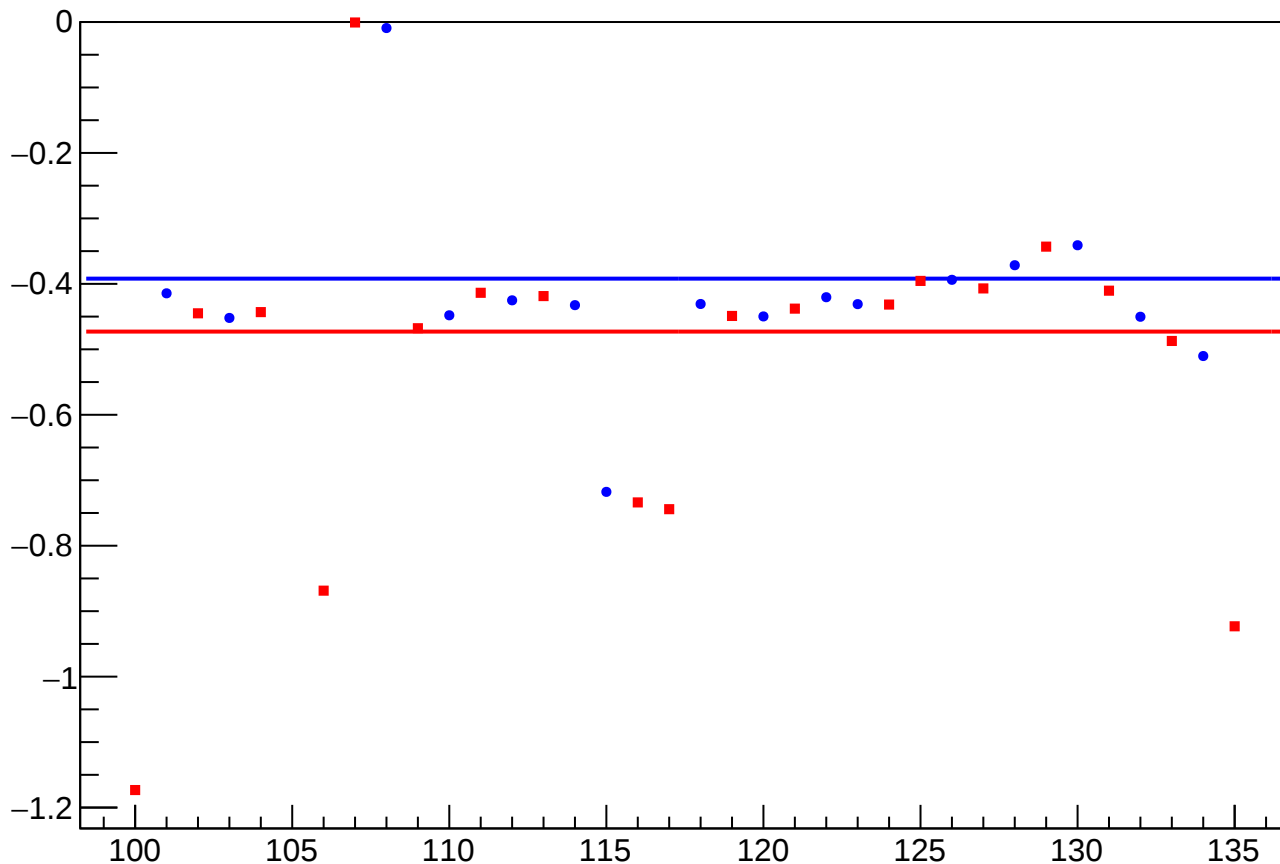
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 148632.0/15

0.003+/-0.000 χ^2/NDF : 268719.3/34

0.003+/-0.000 χ^2/NDF : 118789.5/18

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.392+/-0.000 χ^2/NDF : 700389277.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.473+/-0.000 χ^2/NDF : 2447877183.9/18

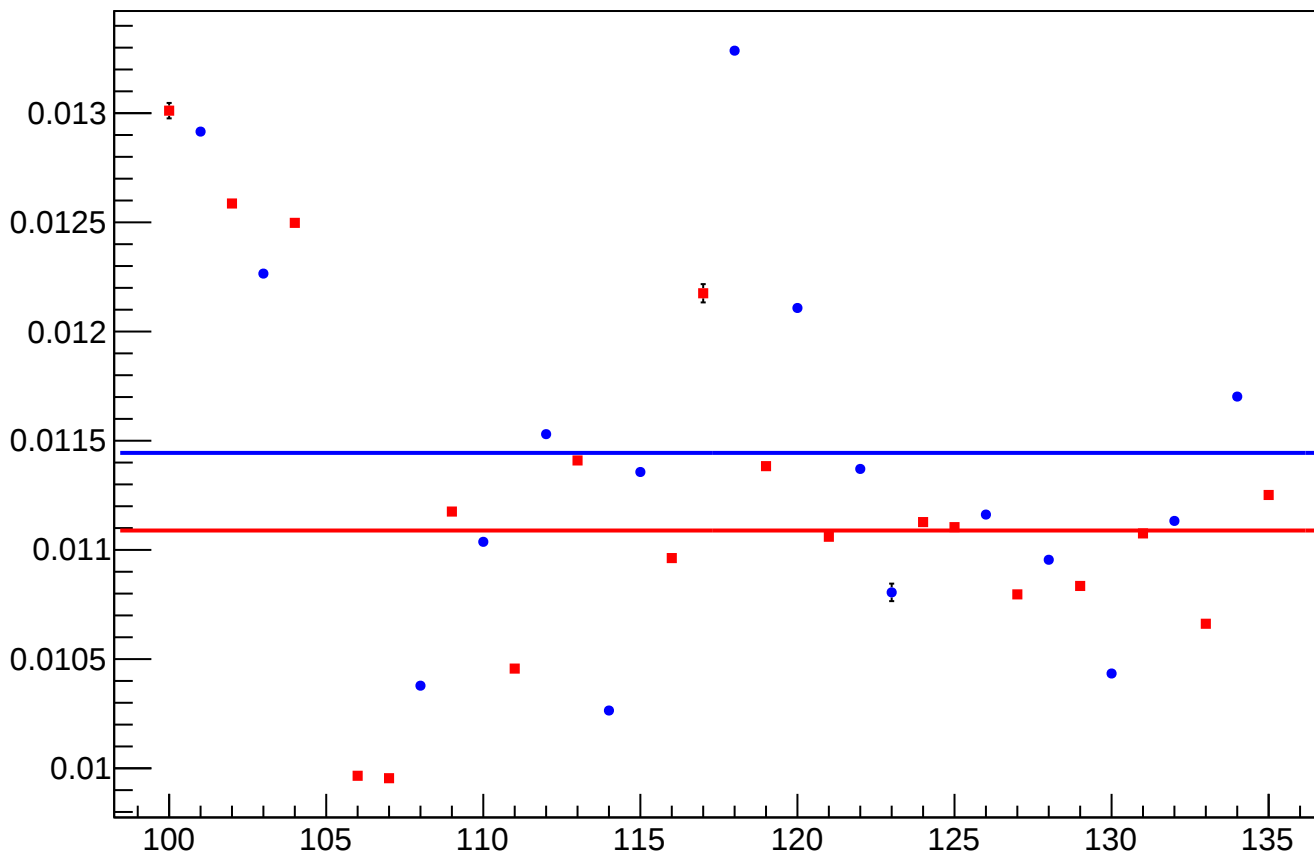
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.392+/-0.000 χ^2/NDF : 700389277.2/15

-0.437+/-0.000 χ^2/NDF : 3307457436.2/3

-0.473+/-0.000 χ^2/NDF : 2447877183.9/18

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 64618.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 54598.6/18

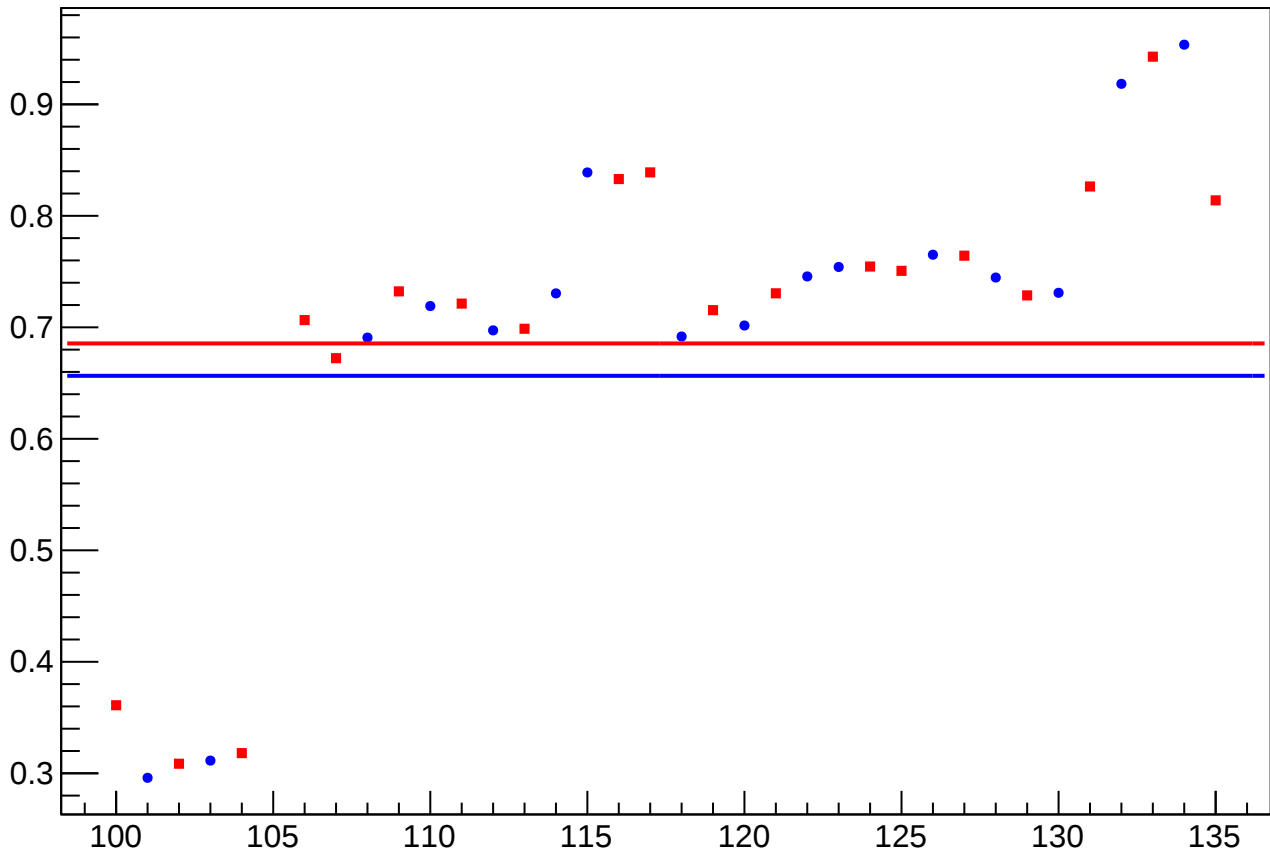
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 64618.2/15

0.011+/-0.000 χ^2/NDF : 125363.9/34

0.011+/-0.000 χ^2/NDF : 54598.6/18

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.657+/-0.000 χ^2/NDF : 35625532376.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.657+/-0.000 χ^2/NDF : 35625532376.0/15

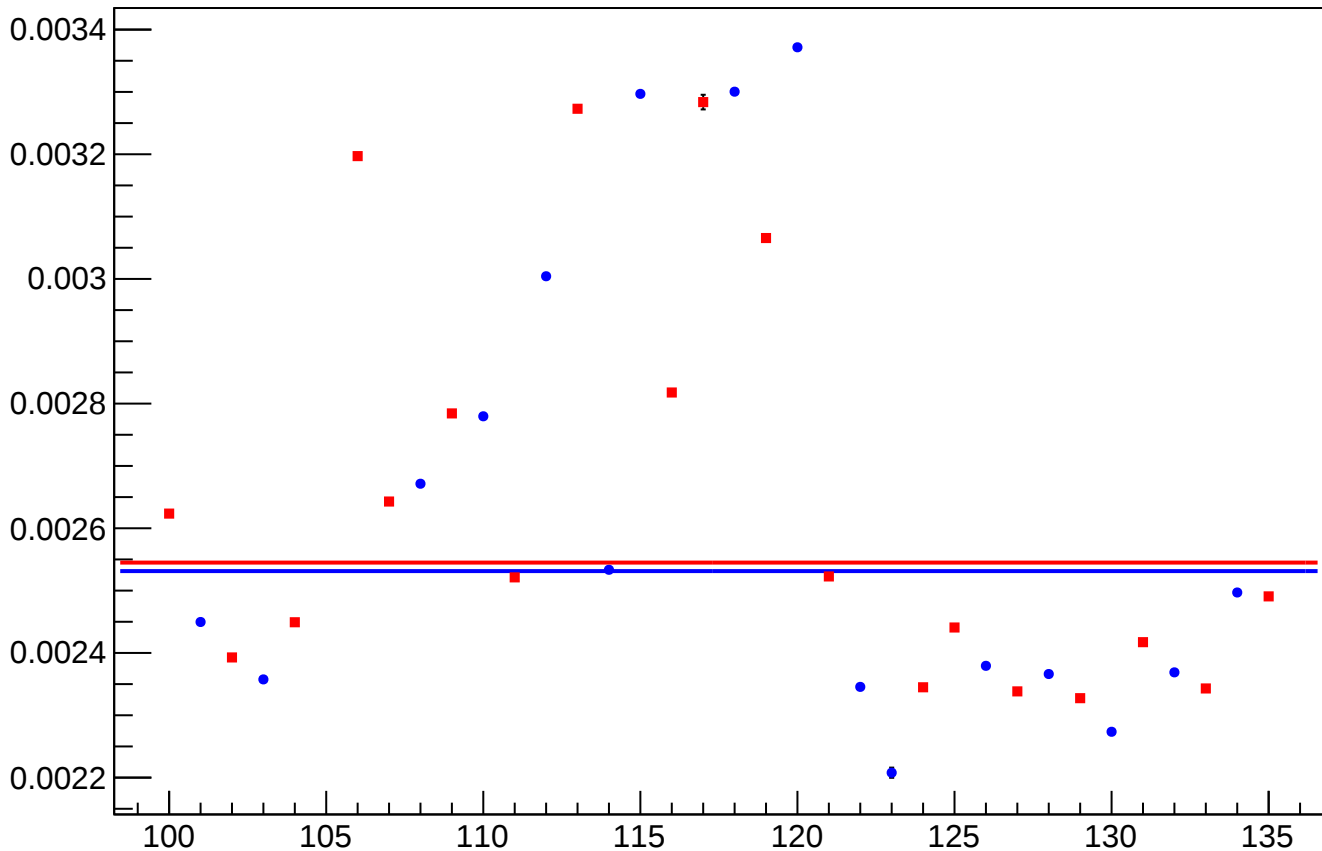
0.672+/-0.000 χ^2/NDF : 70953508609.7/3

Right Out: 0.686+/-0.000 χ^2/NDF : 34934045476.8/18

0.686+/-0.000 χ^2/NDF : 34934045476.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 167328.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 131932.9/18

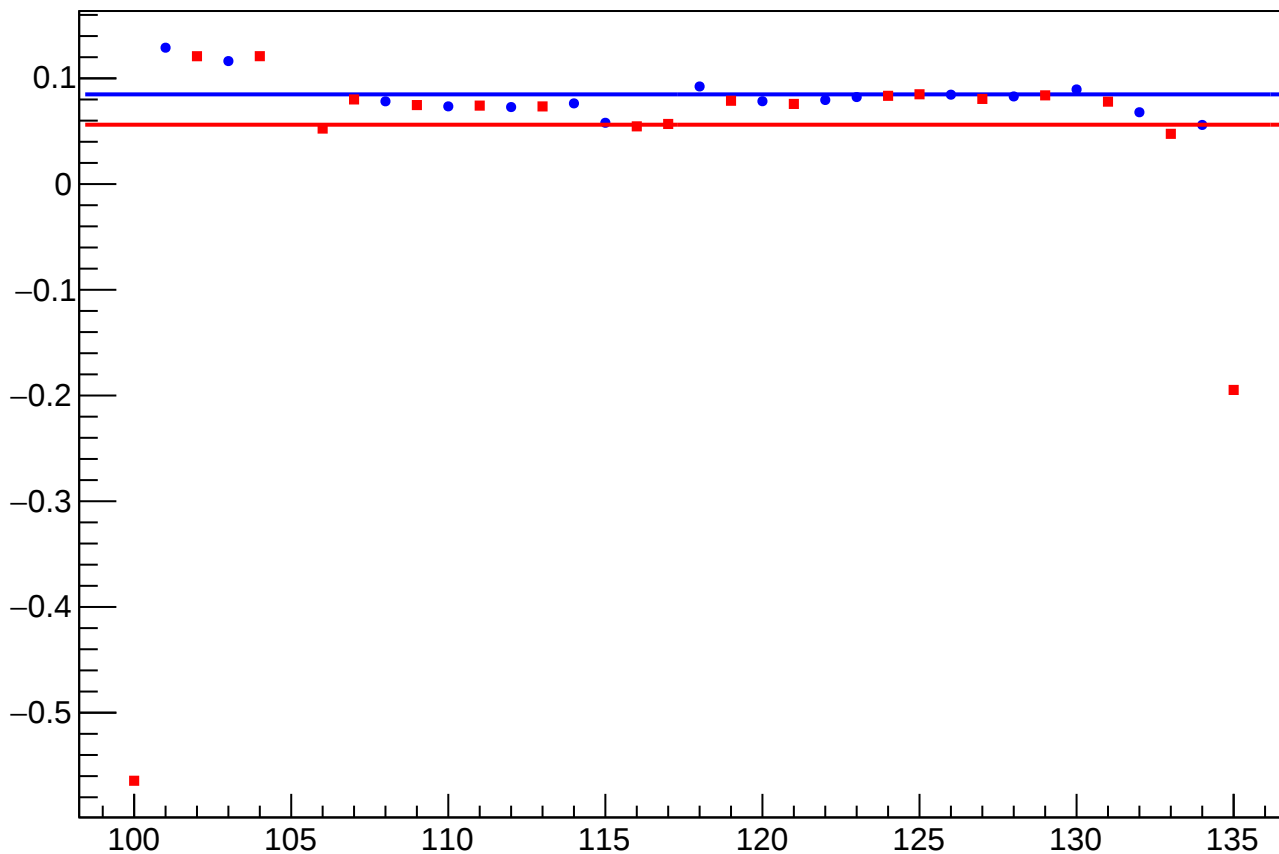
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 167328.1/15

0.003+/-0.000 χ^2/NDF : 299435.0/34

0.003+/-0.000 χ^2/NDF : 131932.9/18

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.085+/-0.000 χ^2/NDF : 17988006.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.000 χ^2/NDF : 557295647.2/18

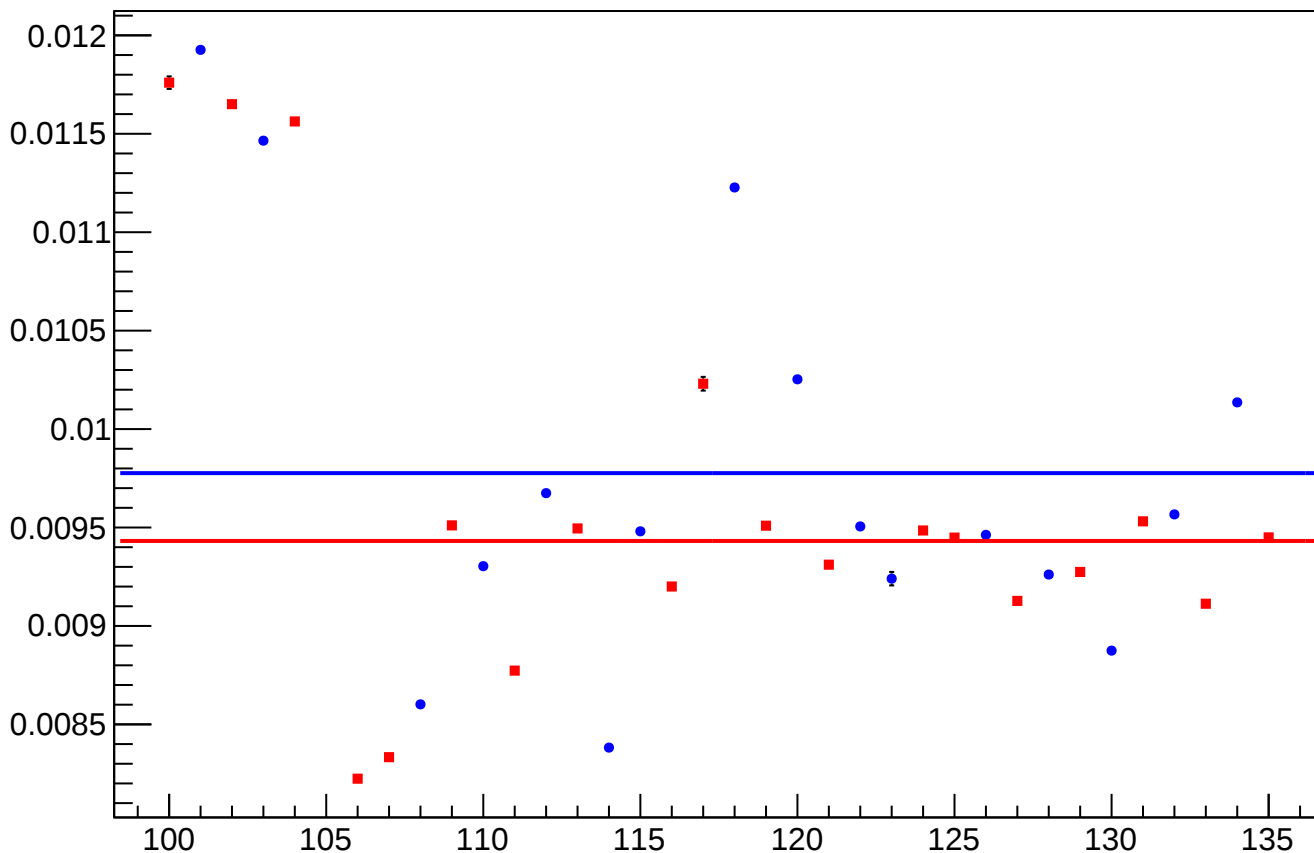
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.085+/-0.000 χ^2/NDF : 17988006.6/15

0.069+/-0.000 χ^2/NDF : 602670598.7/34

0.056+/-0.000 χ^2/NDF : 557295647.2/18

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 116537.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 109448.9/18

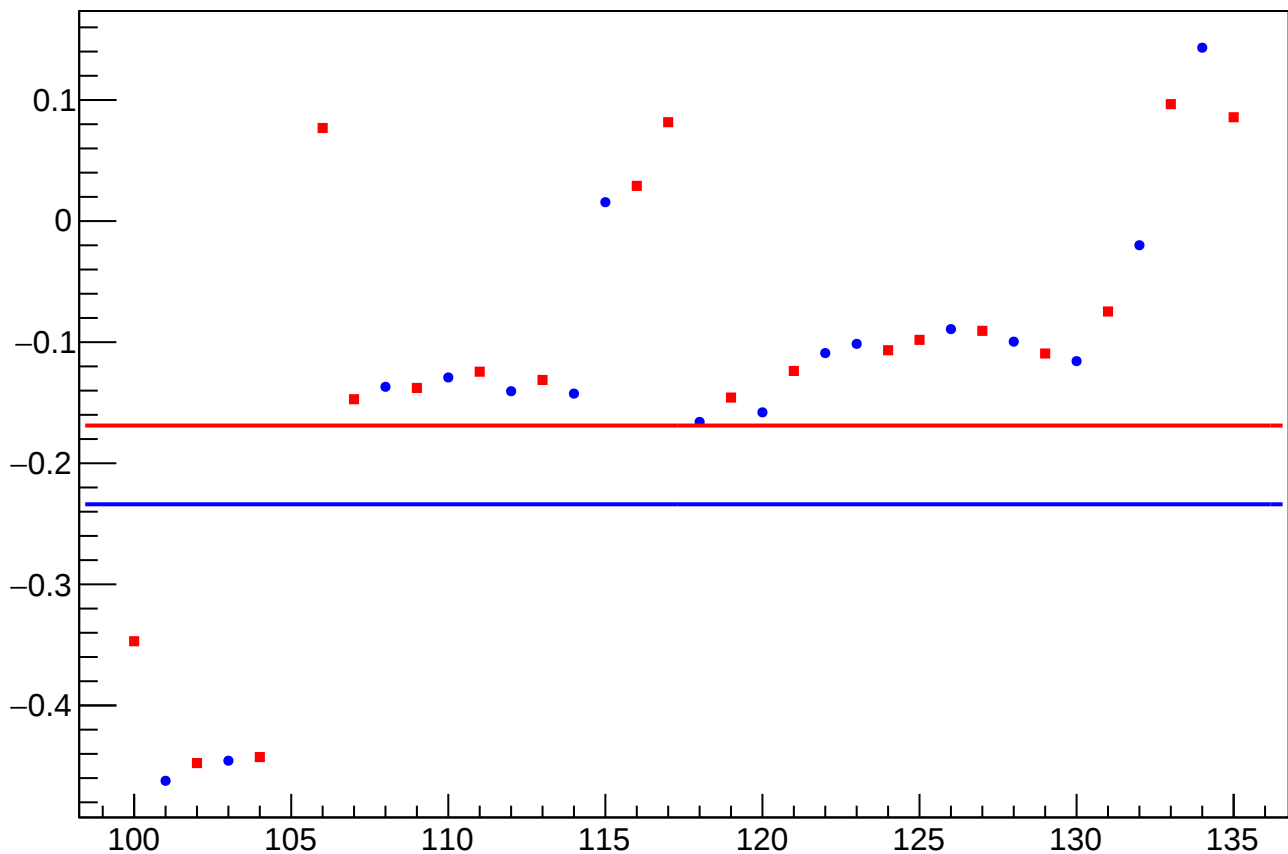
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116537.0/15

0.010+/-0.000 χ^2/NDF : 233879.4/34

0.009+/-0.000 χ^2/NDF : 109448.9/18

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.234+/-0.000 χ^2/NDF : 7224930029.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.234+/-0.000 χ^2/NDF : 7224930029.0/15

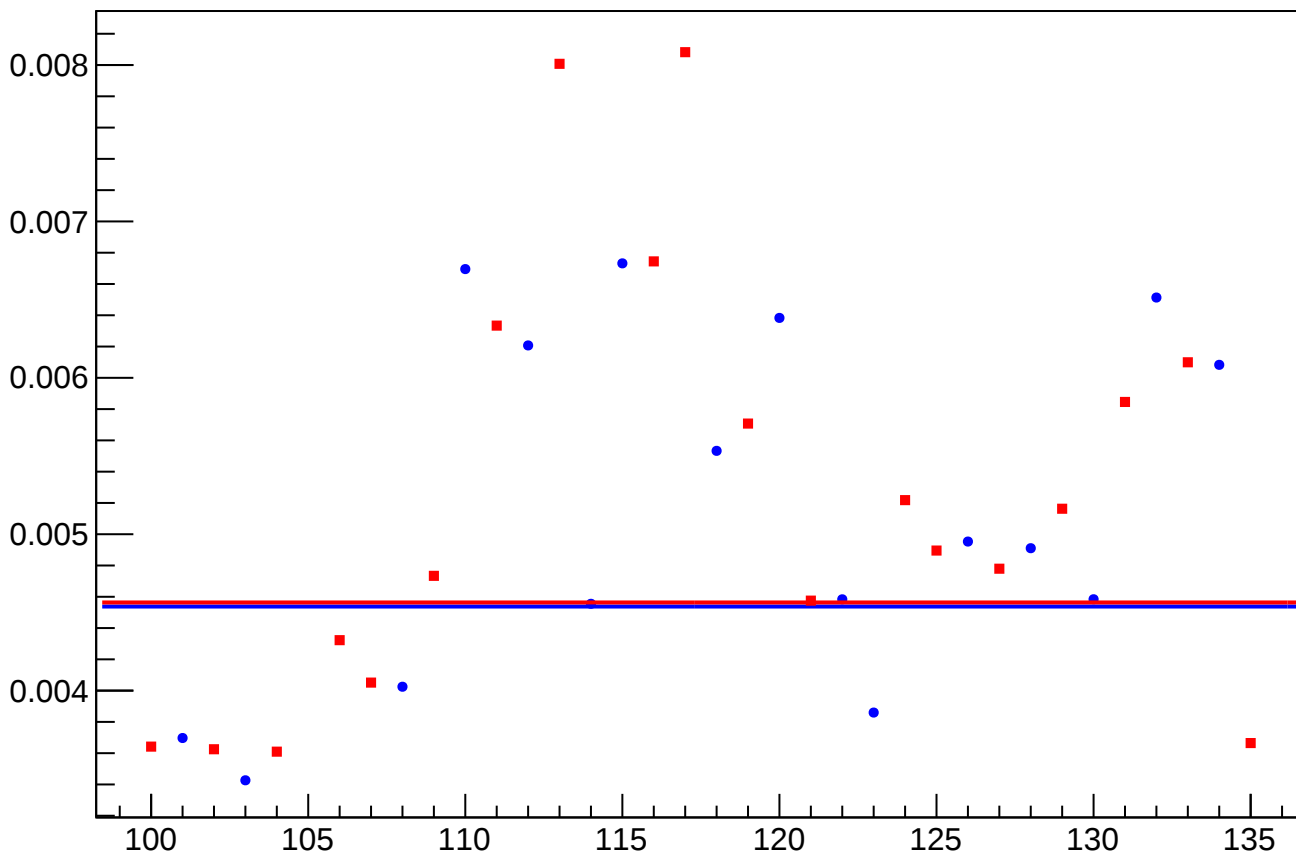
-0.199+/-0.000 χ^2/NDF : 17942064494.1/15

Right Out: -0.169+/-0.000 χ^2/NDF : 10151225360.9/18

-0.169+/-0.000 χ^2/NDF : 10151225360.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 503747.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 624682.5/18

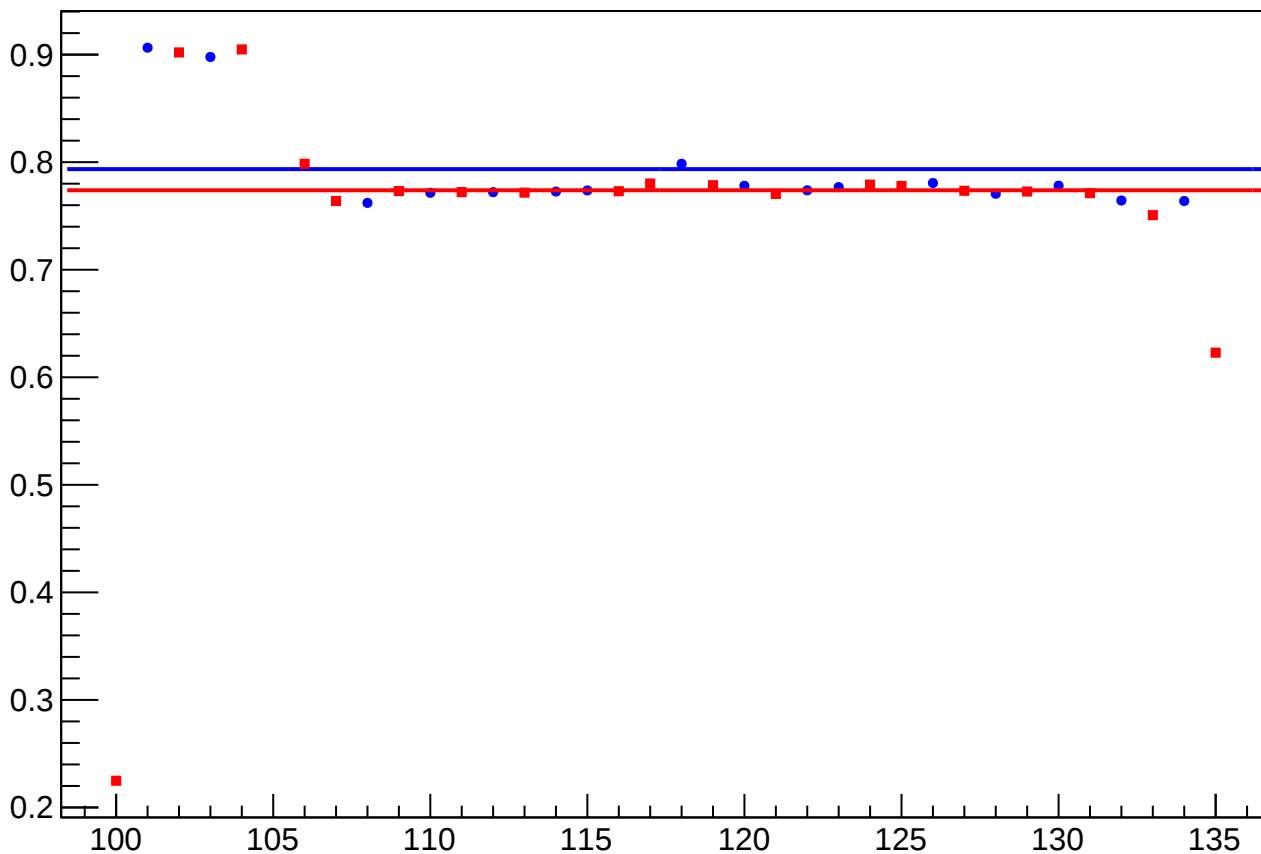
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 503747.3/15

0.005+/-0.000 χ^2/NDF : 1128611.2/34

0.005+/-0.000 χ^2/NDF : 624682.5/18

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.794+/-0.000 χ^2/NDF : 103704053.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.774+/-0.000 χ^2/NDF : 340379614.2/18

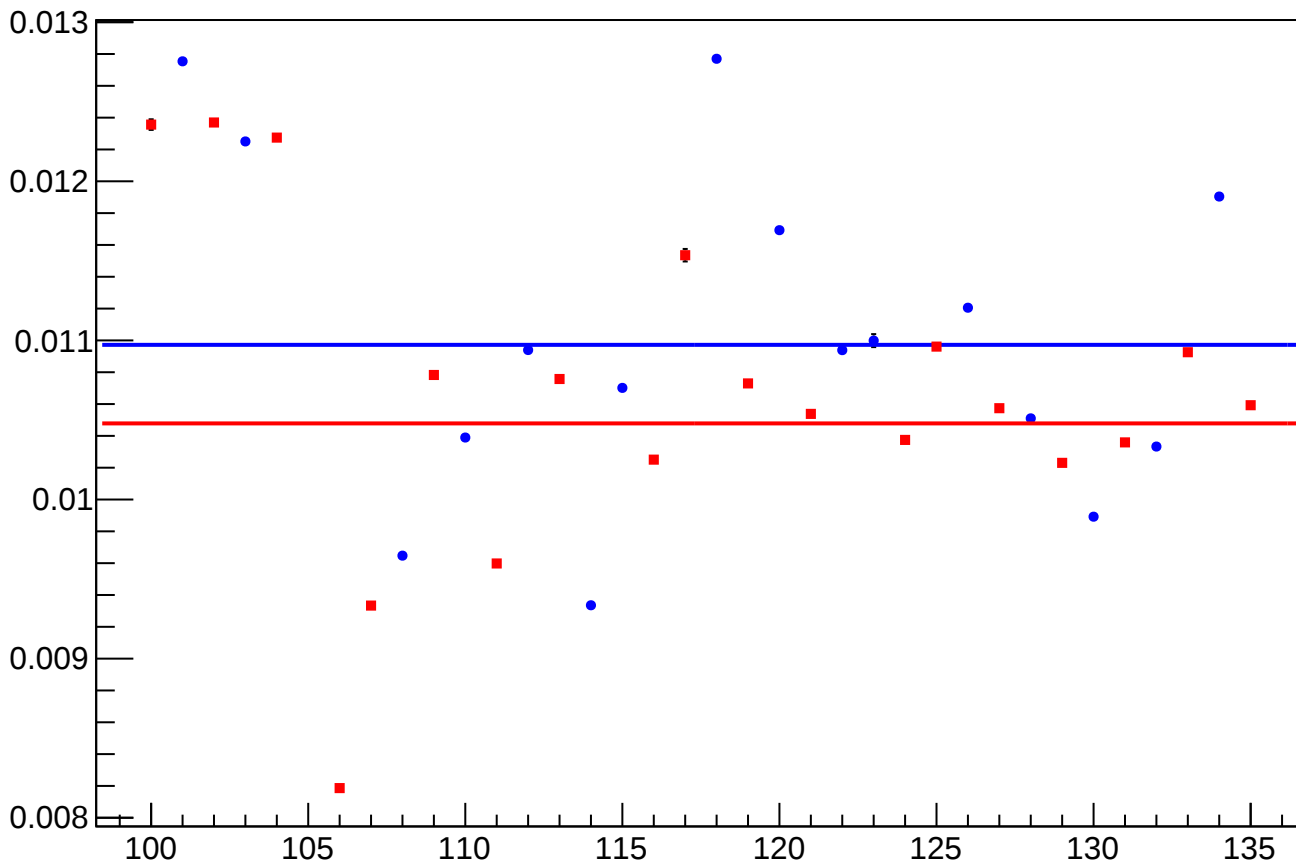
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.794+/-0.000 χ^2/NDF : 103704053.6/15

0.782+/-0.000 χ^2/NDF : 454413373.7/34

0.774+/-0.000 χ^2/NDF : 340379614.2/18

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 98127.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 118395.1/18

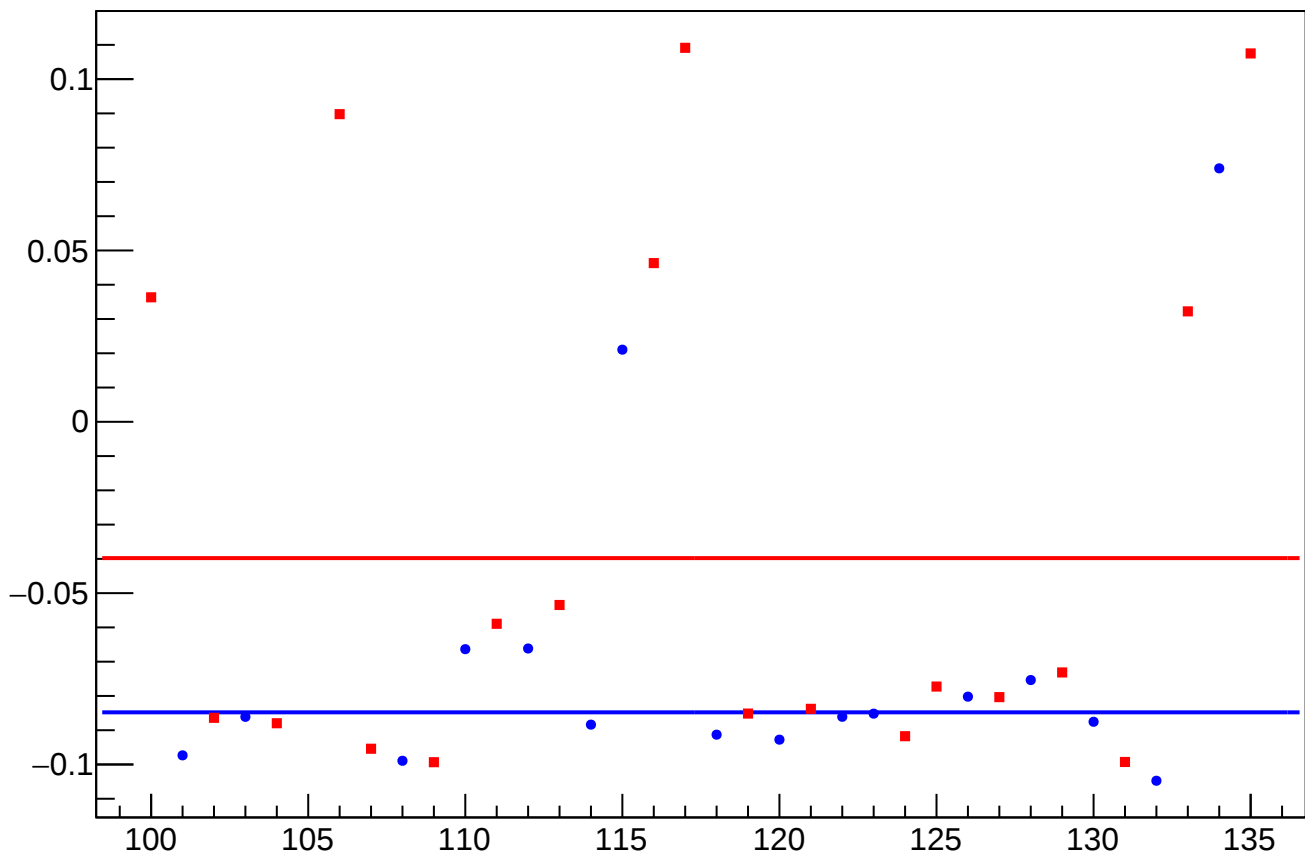
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 98127.8/15

0.011+/-0.000 χ^2/NDF : 229523.5/34

0.010+/-0.000 χ^2/NDF : 118395.1/18

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.000 χ^2/NDF : 125215161.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.000 χ^2/NDF : 1670013623.8/18

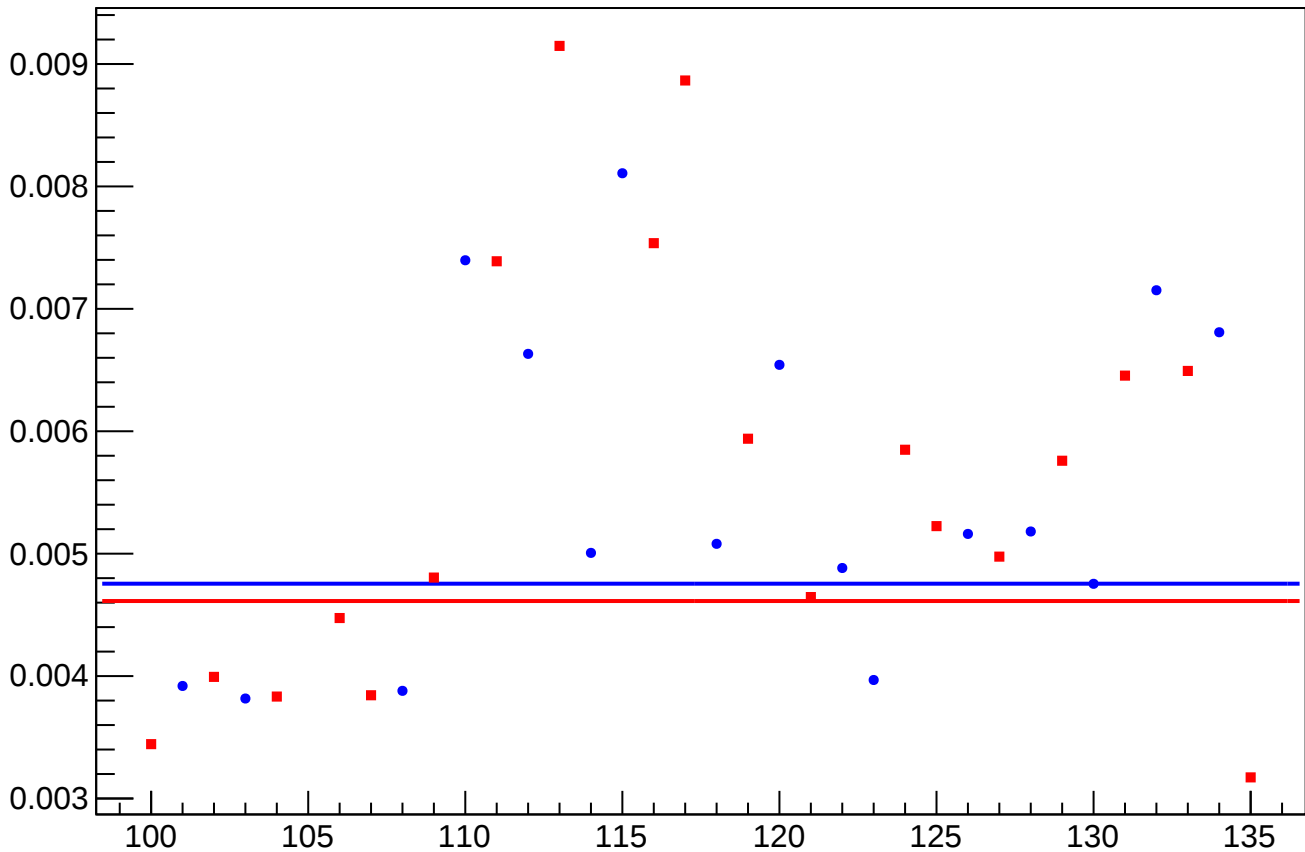
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.085+/-0.000 χ^2/NDF : 125215161.1/15

-0.060+/-0.000 χ^2/NDF : 2038559388.2/3

-0.040+/-0.000 χ^2/NDF : 1670013623.8/18

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 483661.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 886639.2/18

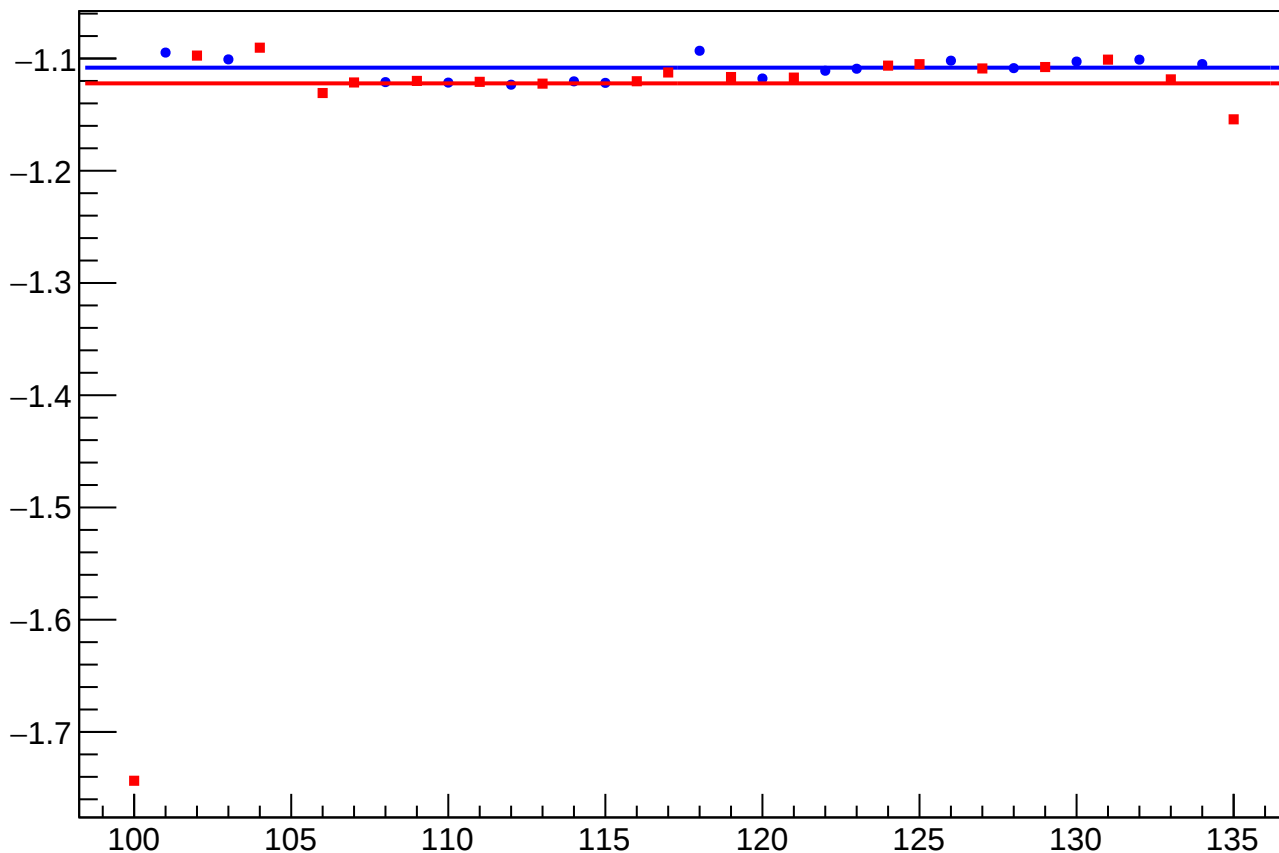
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 483661.7/15

0.005+/-0.000 χ^2/NDF : 1375119.7/34

0.005+/-0.000 χ^2/NDF : 886639.2/18

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.108+/-0.000 χ^2/NDF : 4035639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.122+/-0.000 χ^2/NDF : 211640105.1/18

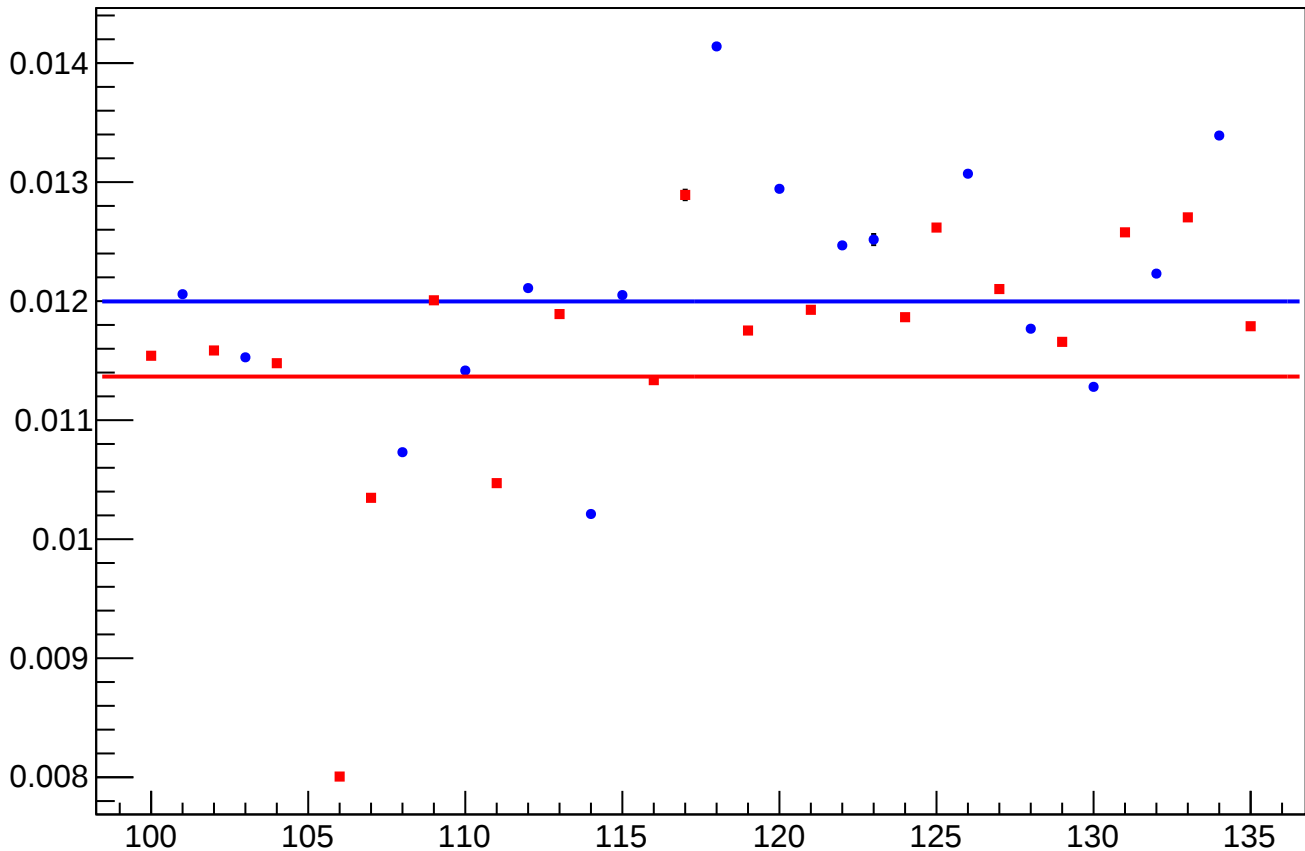
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.108+/-0.000 χ^2/NDF : 4035639.9/15

-1.116+/-0.000 χ^2/NDF : 220054712.1/34

-1.122+/-0.000 χ^2/NDF : 211640105.1/18

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 60335.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 153283.3/18

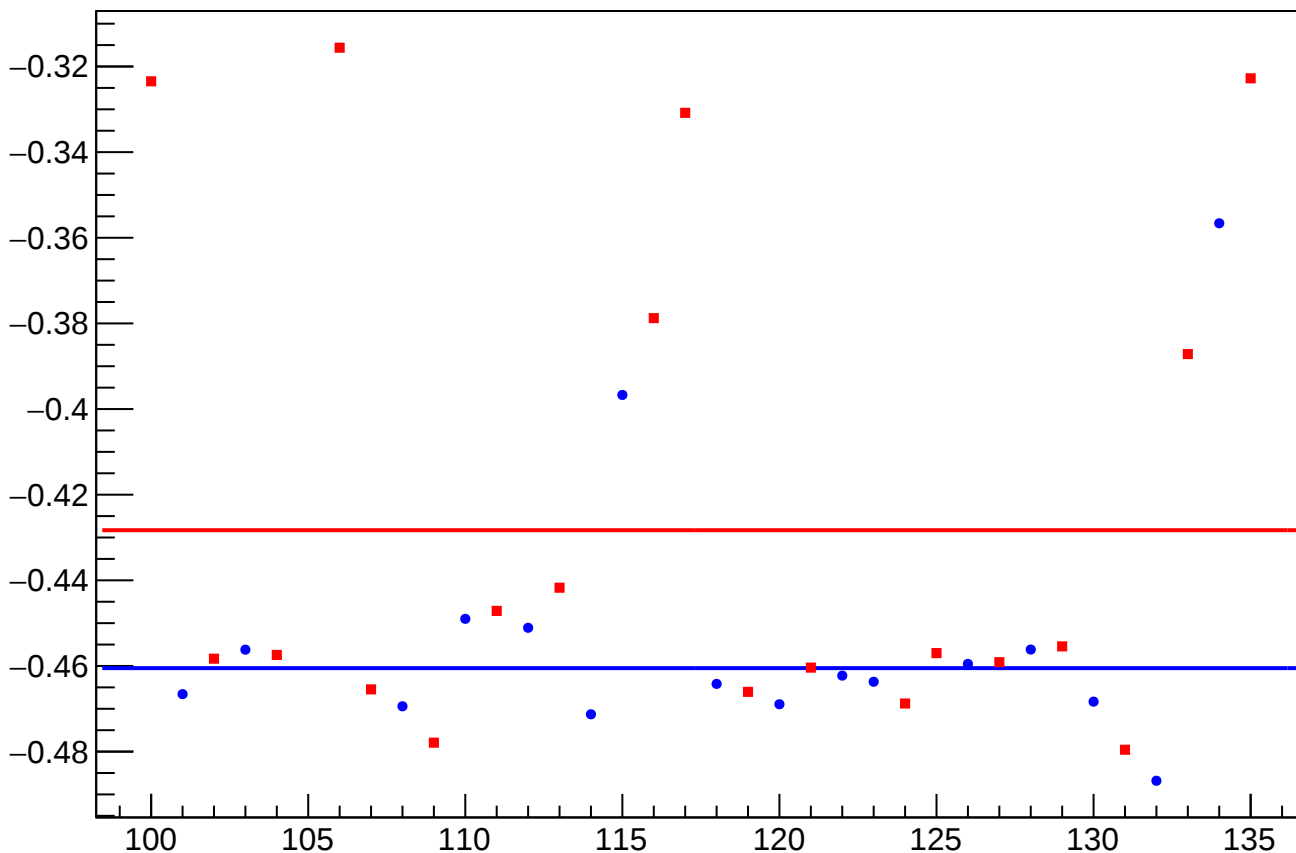
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 60335.8/15

0.012+/-0.000 χ^2/NDF : 231435.2/34

0.011+/-0.000 χ^2/NDF : 153283.3/18

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.461+/-0.000 χ^2/NDF : 95251809.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.428+/-0.000 χ^2/NDF : 1337567847.1/18

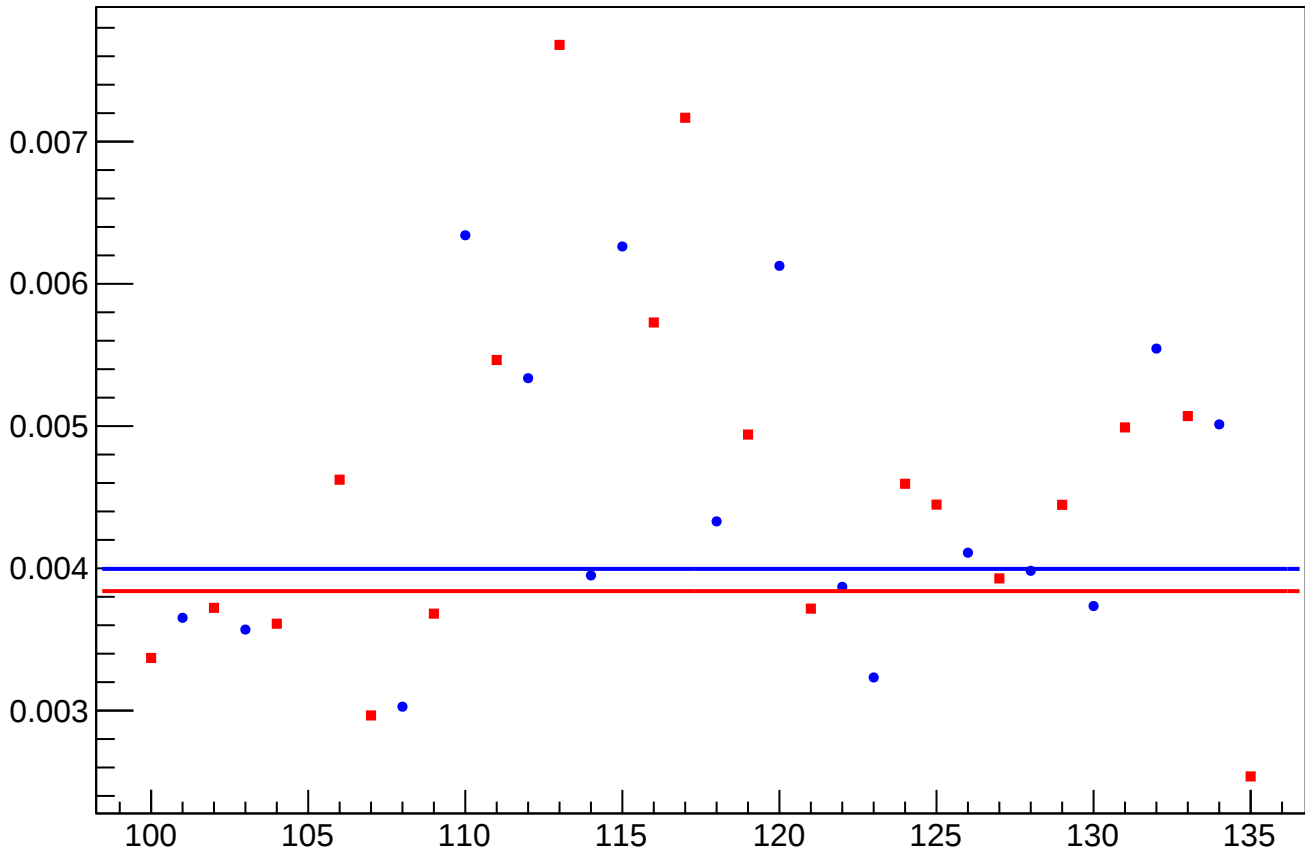
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.461+/-0.000 χ^2/NDF : 95251809.3/15

-0.442+/-0.000 χ^2/NDF : 1611126632.5/3

-0.428+/-0.000 χ^2/NDF : 1337567847.1/18

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 402386.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 793359.3/18

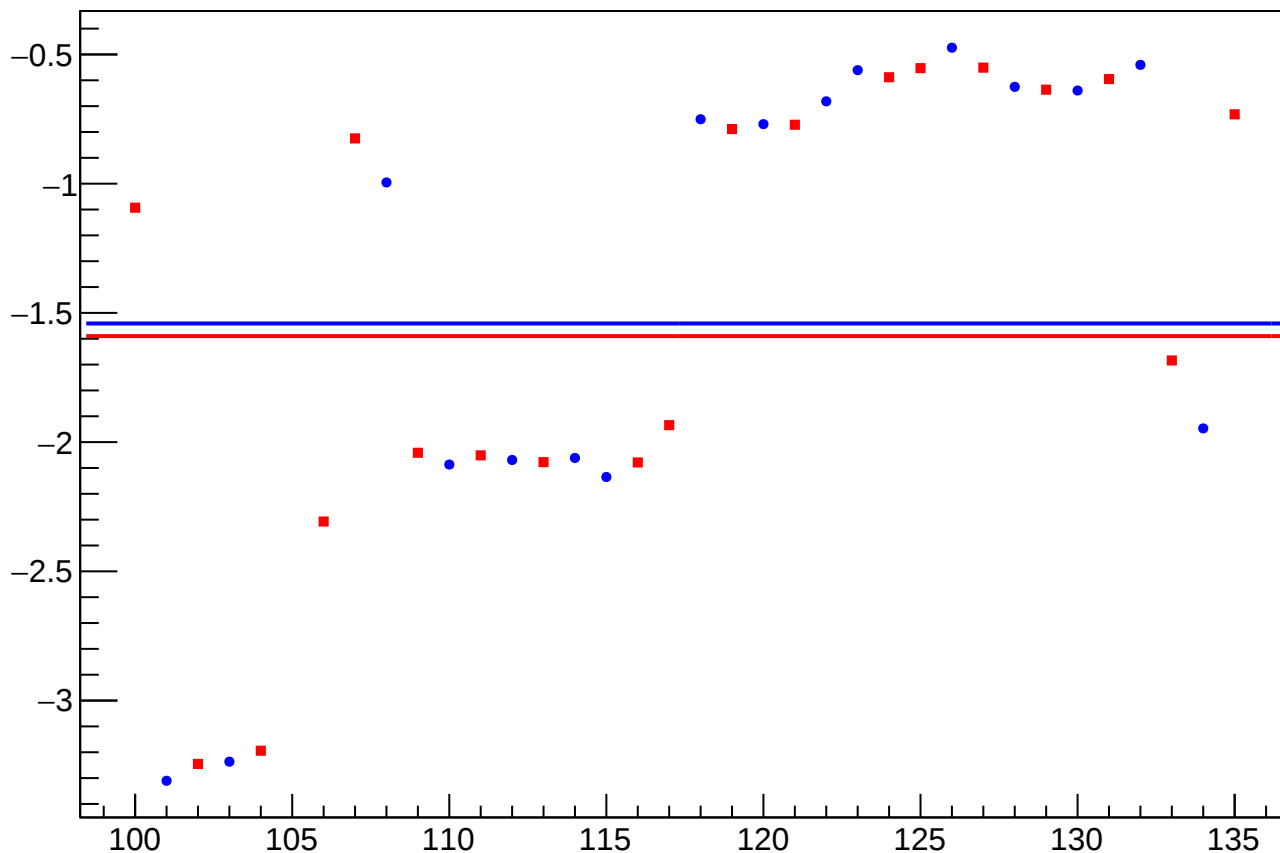
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 402386.4/15

0.004 $\pm$ 0.000 χ^2 /NDF: 1204146.6/34

0.004 $\pm$ 0.000 χ^2 /NDF: 793359.3/18

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.541+/-0.000 χ^2 /NDF: 1201121012.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.590+/-0.000 χ^2 /NDF: 1123053810.7/18

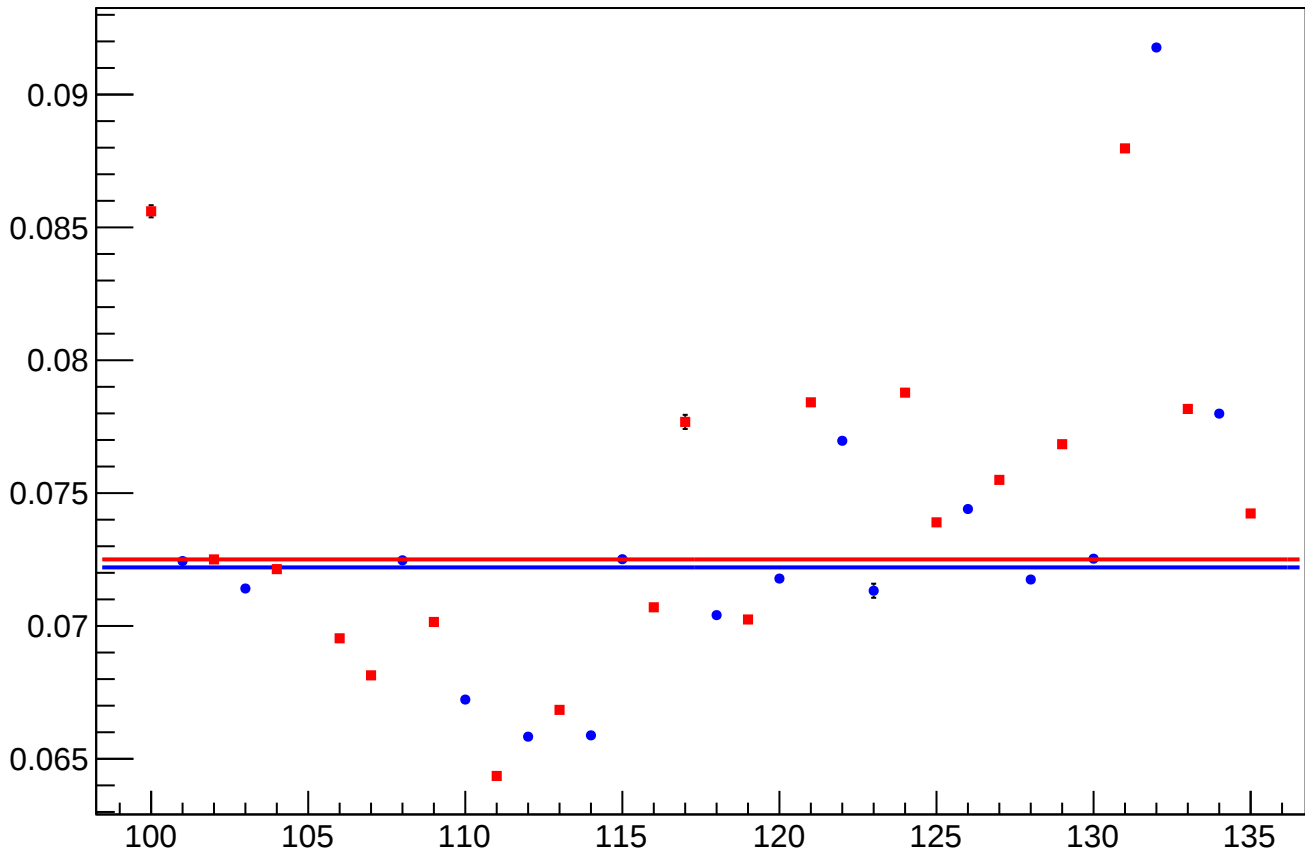
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.541+/-0.000 χ^2 /NDF: 1201121012.0/15

-1.567+/-0.000 χ^2 /NDF: 2325607600.7/3

-1.590+/-0.000 χ^2 /NDF: 1123053810.7/18

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 55556.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 67580.8/18

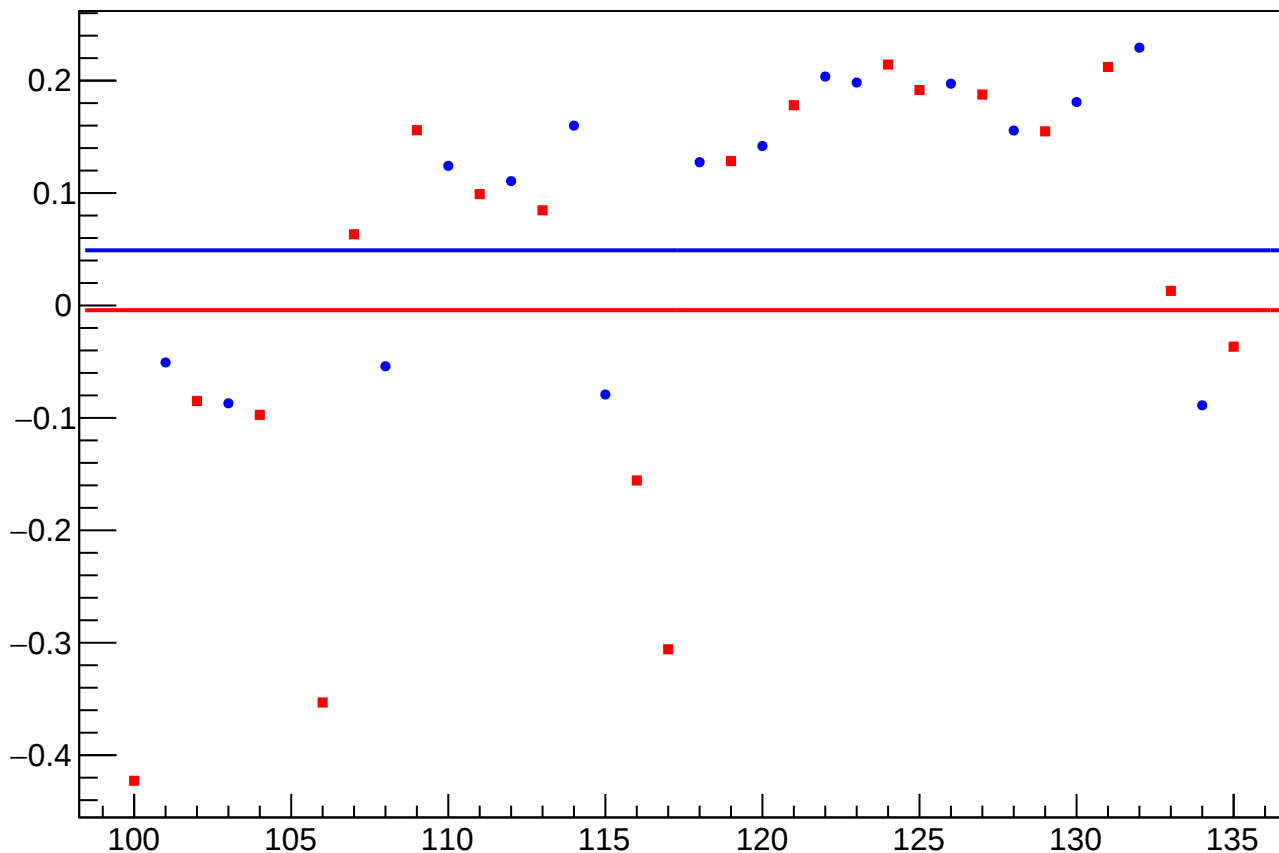
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 55556.5/15

0.072+/-0.000 χ^2/NDF : 123245.7/34

0.073+/-0.000 χ^2/NDF : 67580.8/18

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.000 χ^2/NDF : 478713395.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.000 χ^2/NDF : 1199338884.4/18

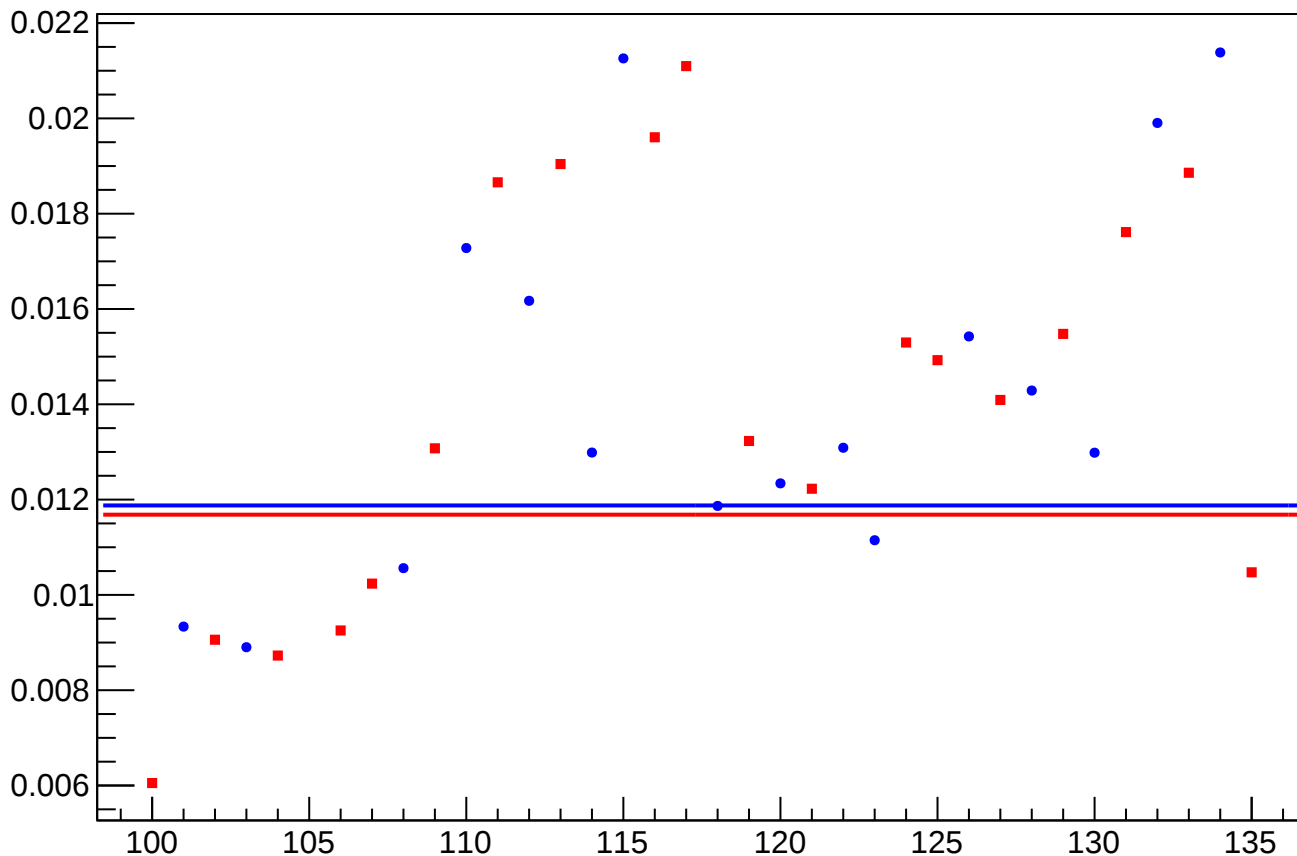
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.049+/-0.000 χ^2/NDF : 478713395.2/15

0.020+/-0.000 χ^2/NDF : 1732702487.0/34

-0.004+/-0.000 χ^2/NDF : 1199338884.4/18

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 614483.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 997490.9/18

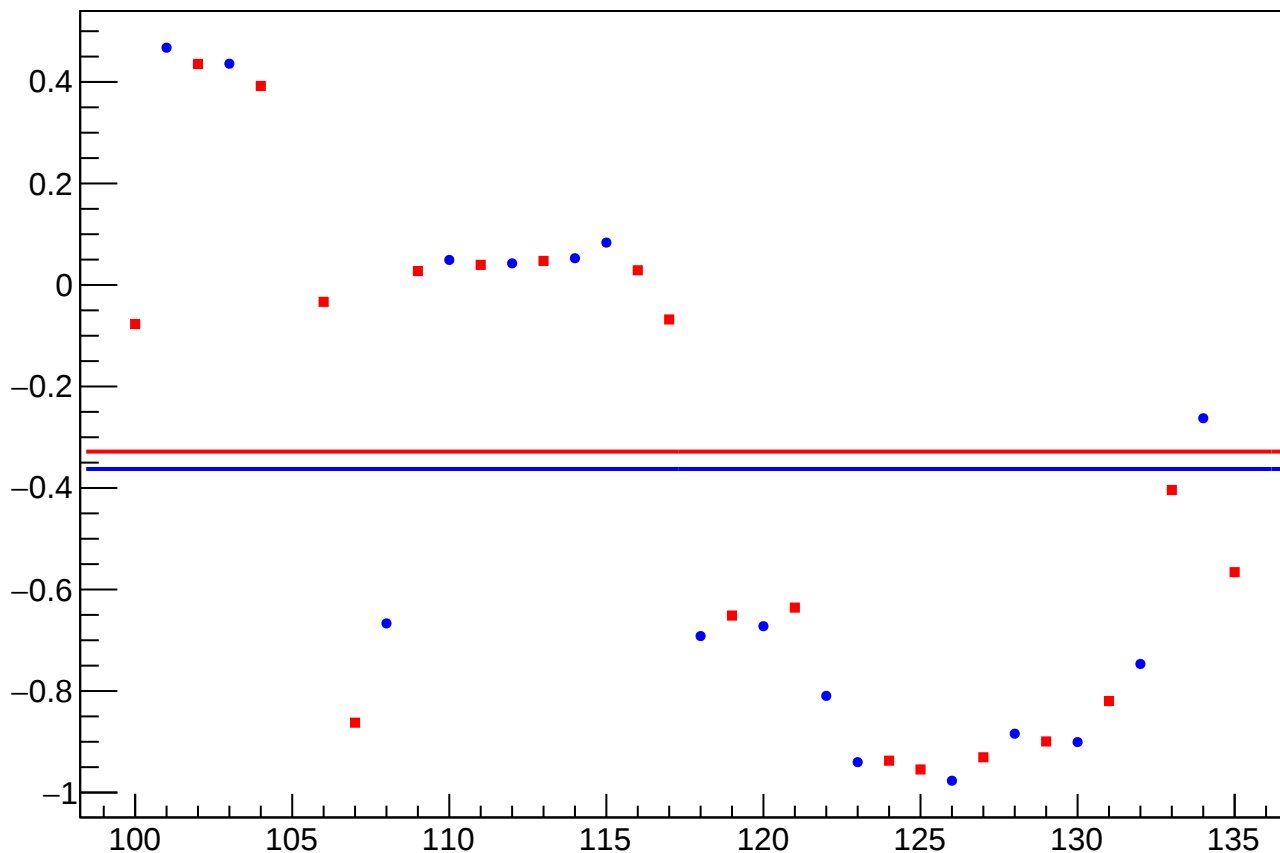
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 614483.9/15

0.012+/-0.000 χ^2/NDF : 1613417.6/34

0.012+/-0.000 χ^2/NDF : 997490.9/18

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.363+/-0.000 χ^2/NDF : 210532329.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.328+/-0.000 χ^2/NDF : 203482263.0/18

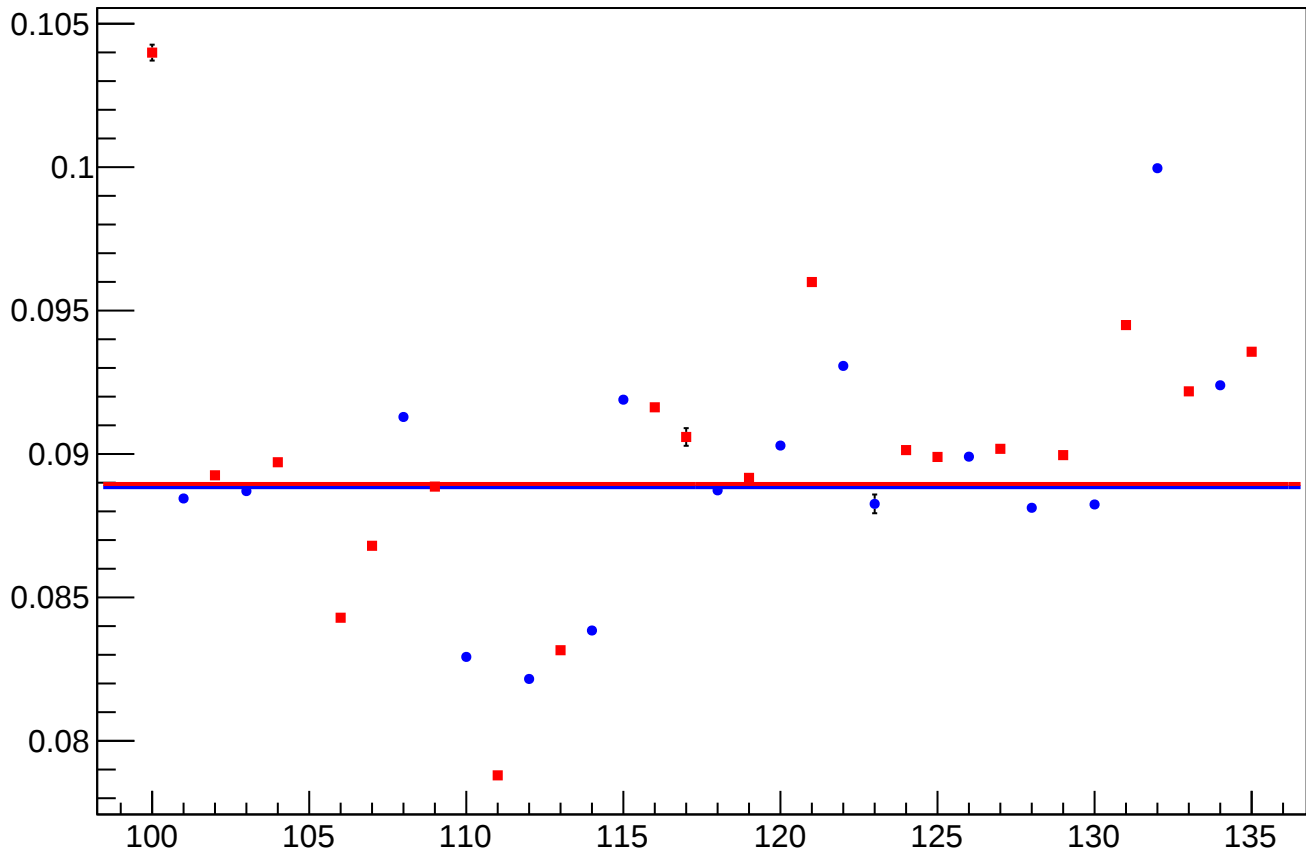
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.363+/-0.000 χ^2/NDF : 210532329.0/15

-0.344+/-0.000 χ^2/NDF : 414486772.3/34

-0.328+/-0.000 χ^2/NDF : 203482263.0/18

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 24179.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.000 χ^2/NDF : 34928.7/18

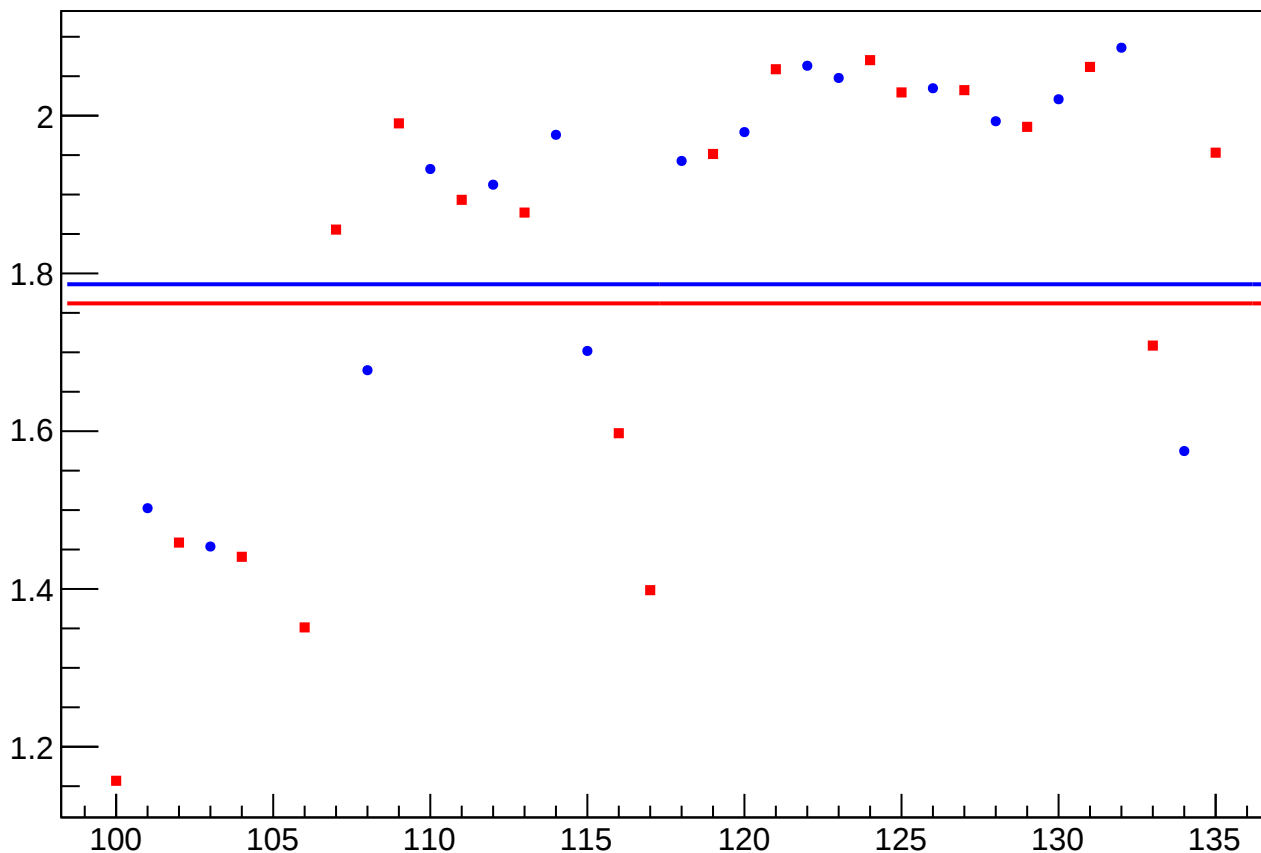
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 24179.1/15

0.089+/-0.000 χ^2/NDF : 59117.8/34

0.089+/-0.000 χ^2/NDF : 34928.7/18

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.786+/-0.000 χ^2/NDF : 1129165413.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.762+/-0.000 χ^2/NDF : 1711558076.9/18

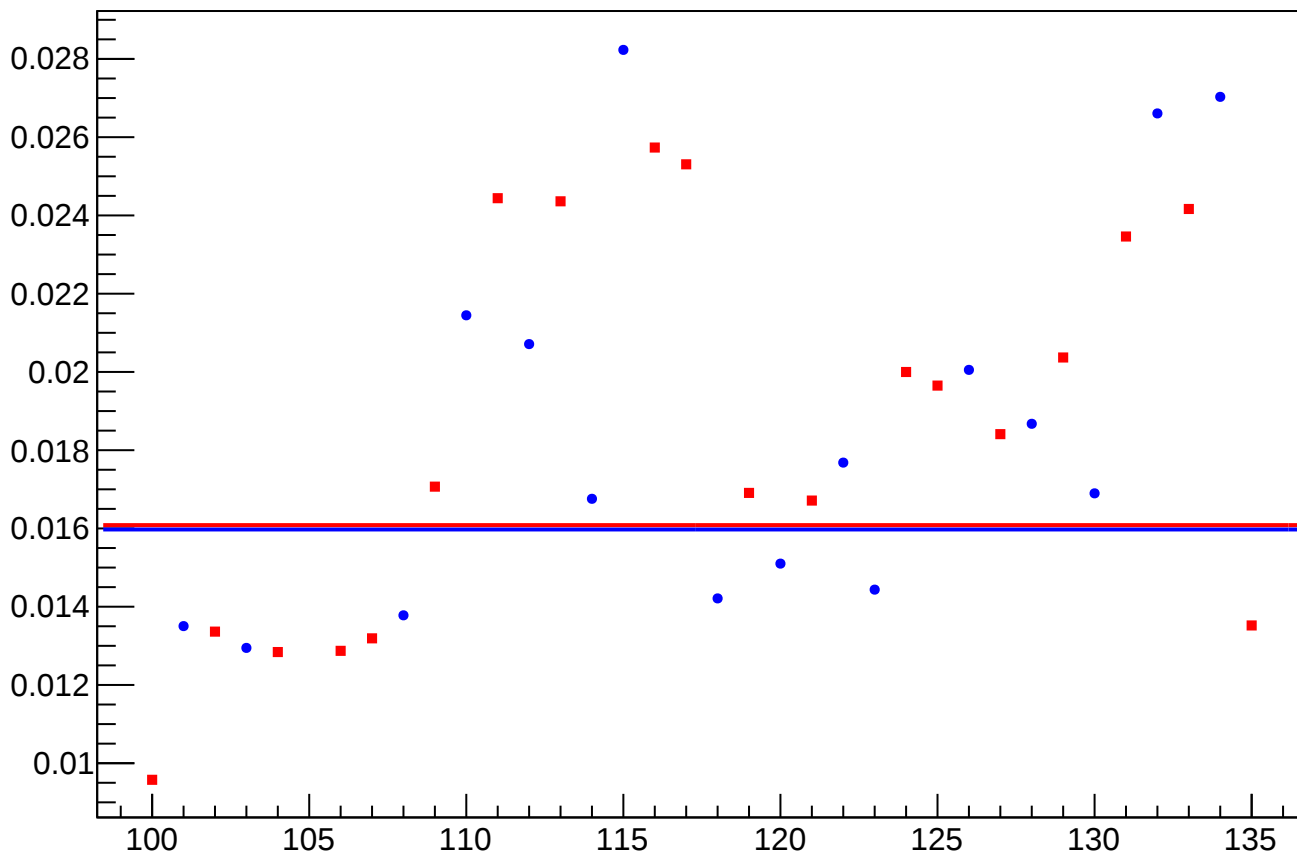
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.786+/-0.000 χ^2/NDF : 1129165413.8/15

1.773+/-0.000 χ^2/NDF : 2846946978.4/34

1.762+/-0.000 χ^2/NDF : 1711558076.9/18

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 460254.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 735345.1/18

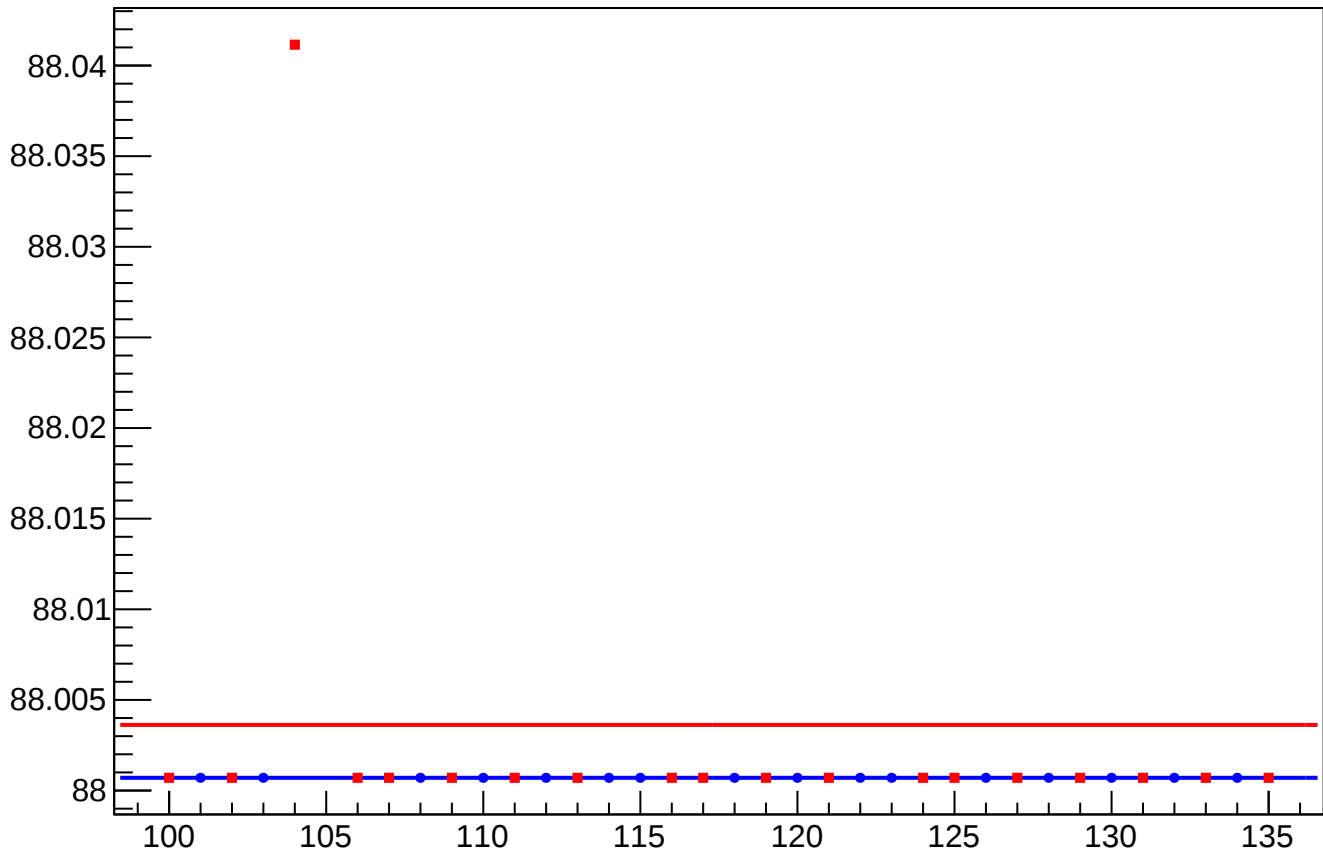
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 460254.8/15

0.016+/-0.000 χ^2/NDF : 1195860.9/34

0.016+/-0.000 χ^2/NDF : 735345.1/18

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2 /NDF: 1415254.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 88.004+/-0.000 χ^2 /NDF: 77420844410665340590884913152.0/18

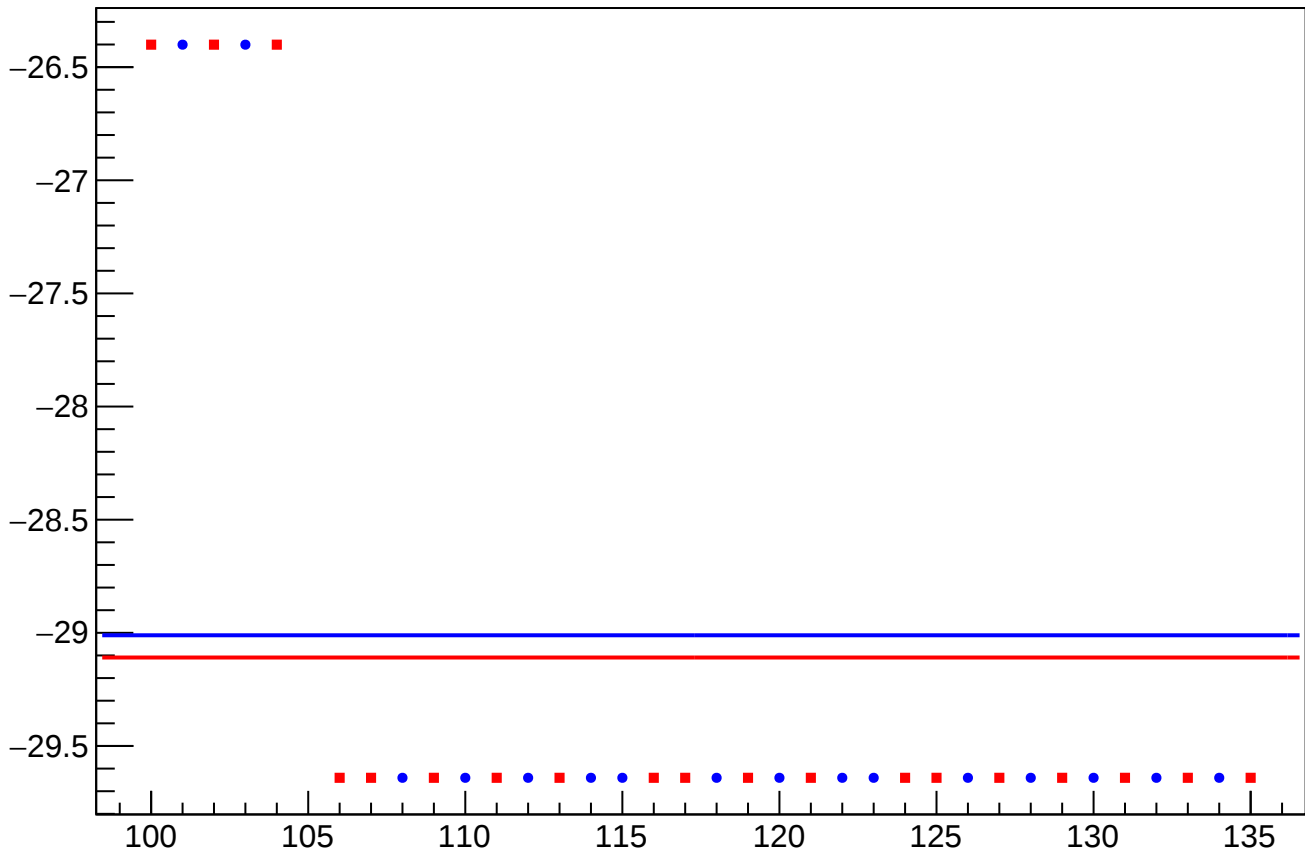
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 1415254.3/15

88.002+/-0.000 χ^2 /NDF: 8020131026669

88.004+/-0.000 χ^2 /NDF: 77420844410665340590884913152.0/18

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -29.011+/-0.000 χ^2/NDF : 997911886655701329871449781960704.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.109+/-0.000 χ^2/NDF : 1017925693917970822754182727991296.0/18

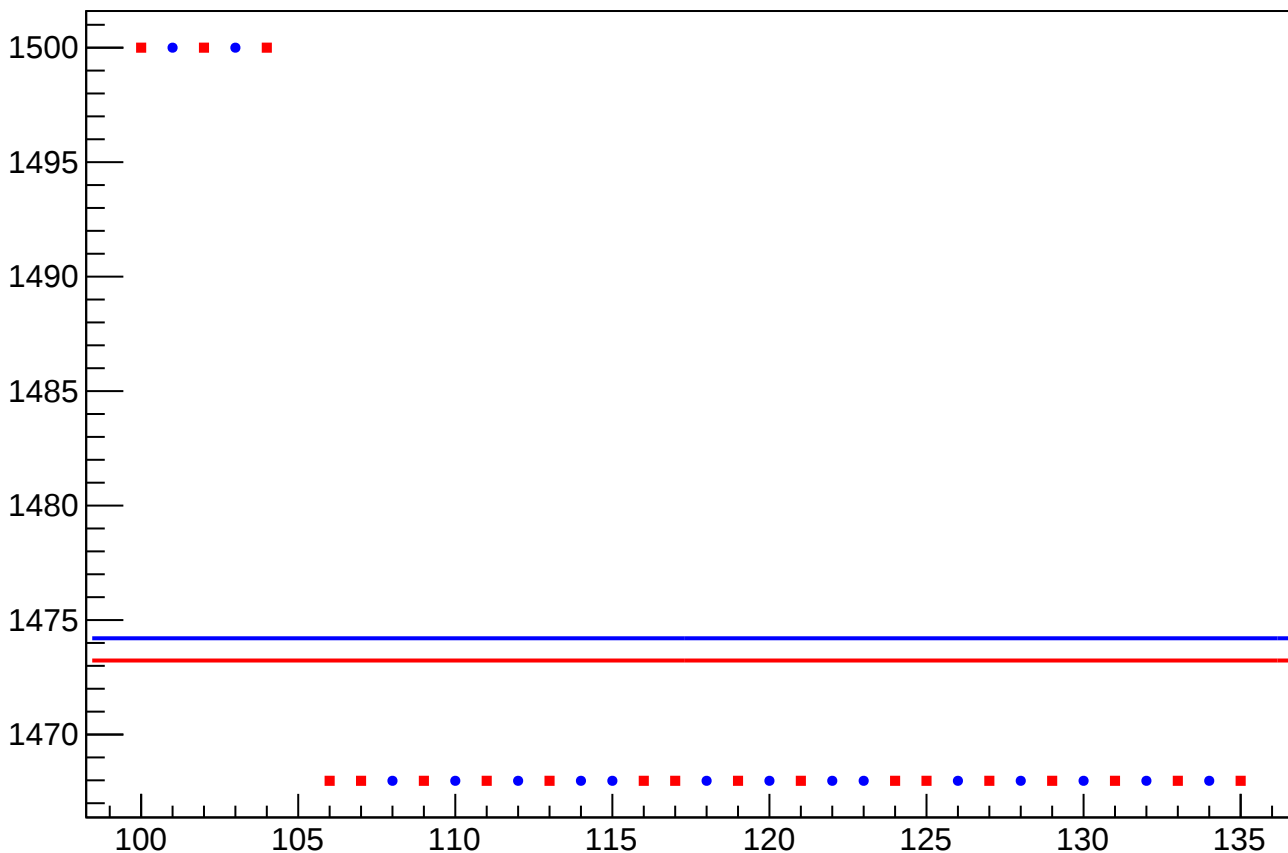
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.011+/-0.000 χ^2/NDF : 997911886655701329871449781960704.0/15

-29.064+/-0.000 χ^2/NDF : 201899046575.0/15

-29.109+/-0.000 χ^2/NDF : 1017925693917970822754182727991296.0/18

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1474.204+/-0.000 χ^2/NDF : 97472695519997274207990558345920512.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1473.233+/-0.000 χ^2/NDF : 99427577276154165802398425836158976.0/18

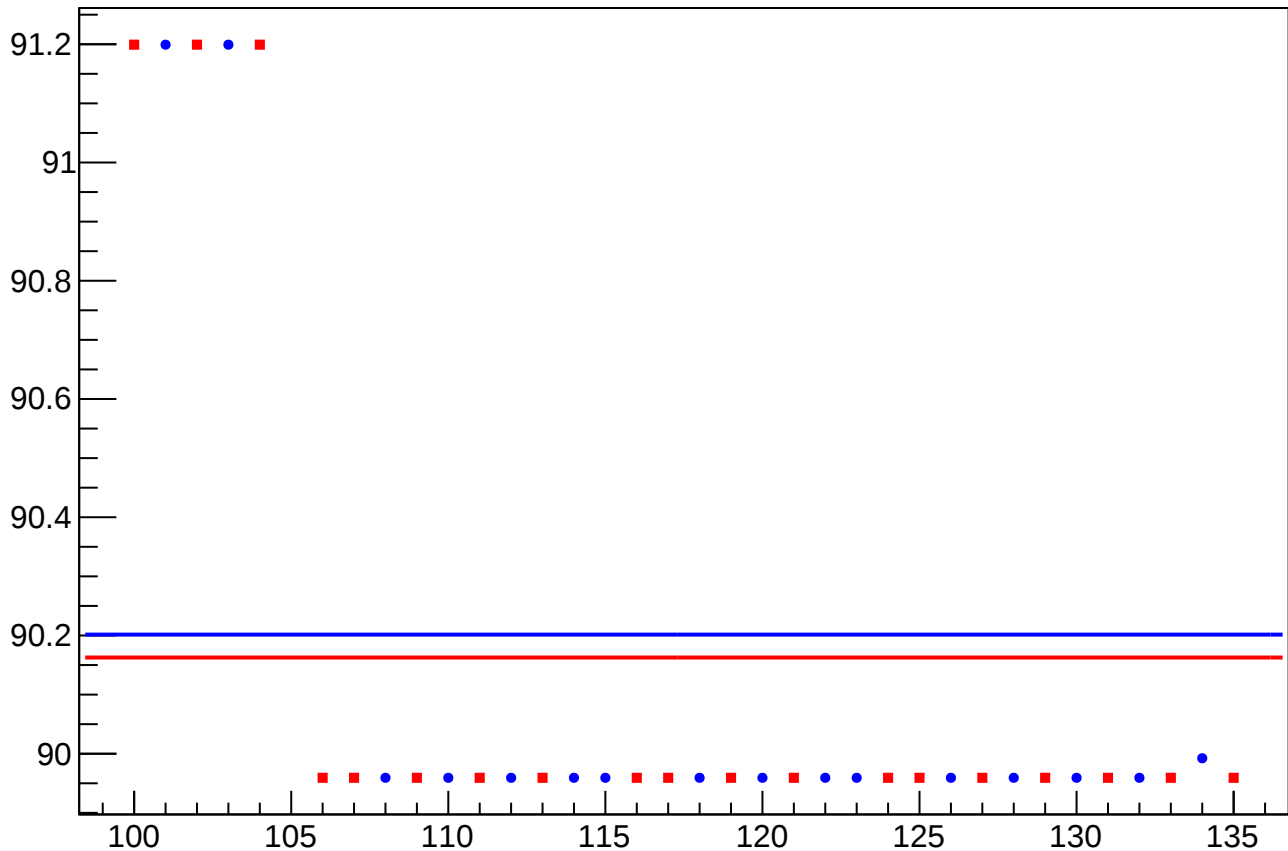
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1474.204+/-0.000 χ^2/NDF : 97472695519997274207990558345920512.0/15

1473.682+/-0.000 χ^2/NDF : 19720823607

1473.233+/-0.000 χ^2/NDF : 99427577276154165802398425836158976.0/18

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.163+/-0.000 χ^2/NDF : 149097179066509003823234091581440.0/18

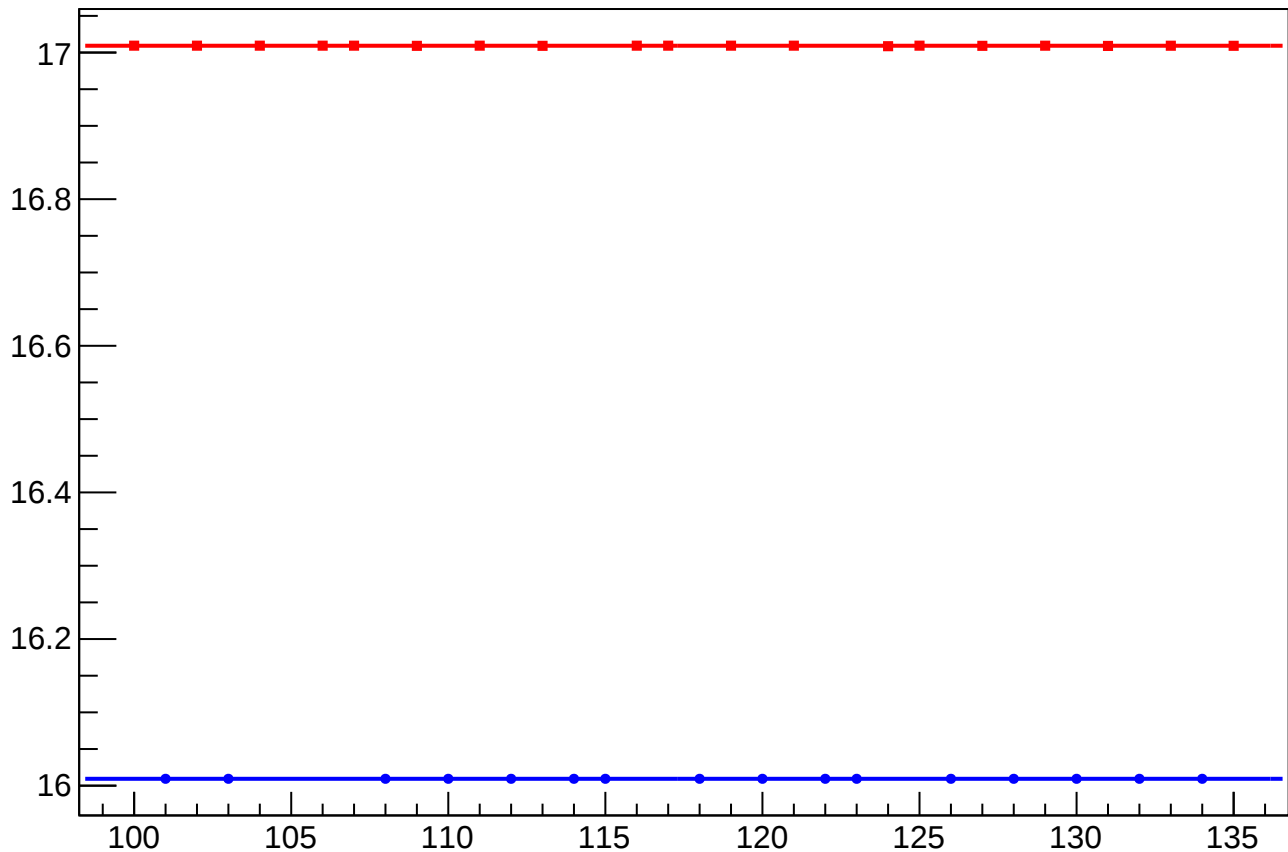
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.201+/-0.000 χ^2/NDF : 145853270612055901602969626345472.0/15

90.181+/-0.000 χ^2/NDF : 2954407685674

90.163+/-0.000 χ^2/NDF : 149097179066509003823234091581440.0/18

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 37057.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.009+/-0.000 χ^2/NDF : 37057.5/15

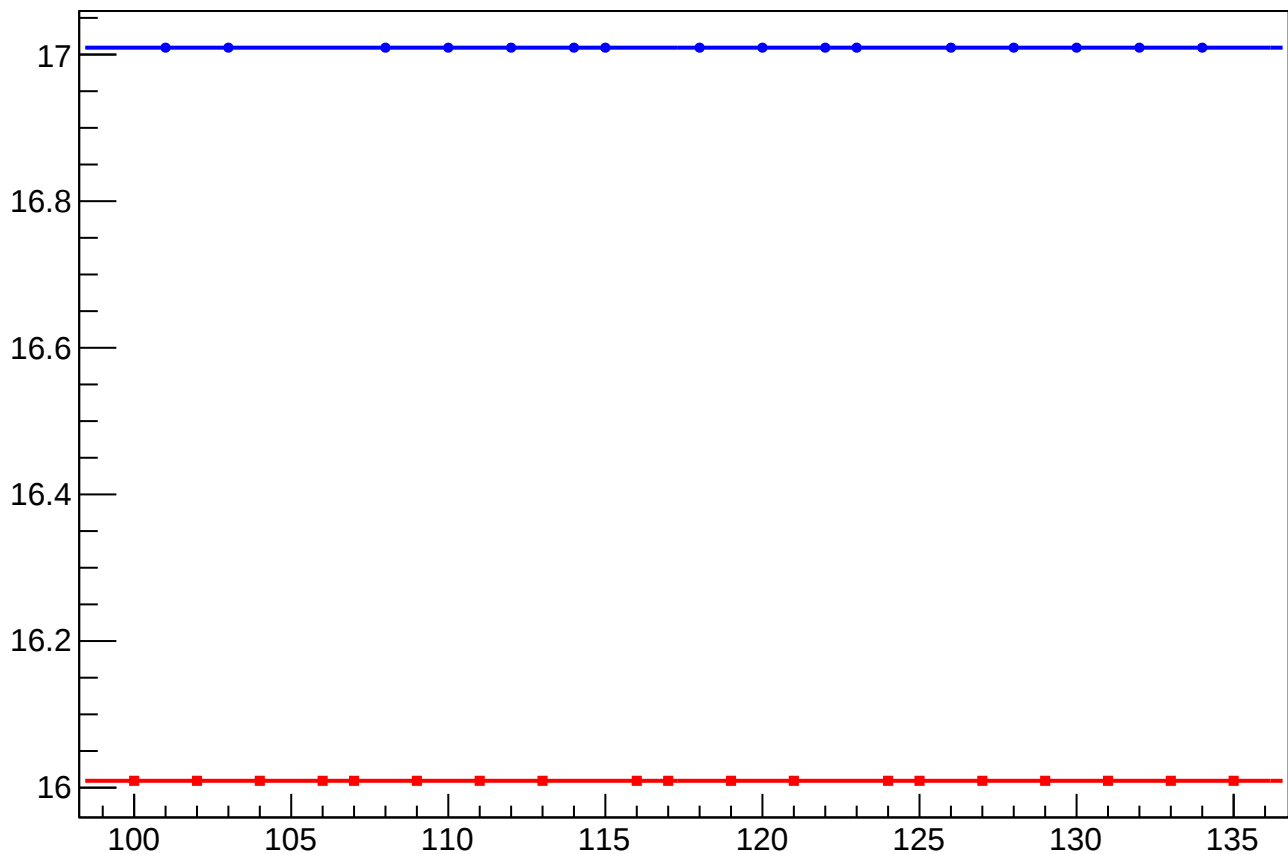
Right Out: 17.009+/-0.000 χ^2/NDF : 12389476647225414836551680.0/18

16.526+/-0.000 χ^2/NDF : 3088528747978

17.009+/-0.000 χ^2/NDF : 12389476647225414836551680.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 61733.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.009+/-0.000 χ^2/NDF : 23337.7/18

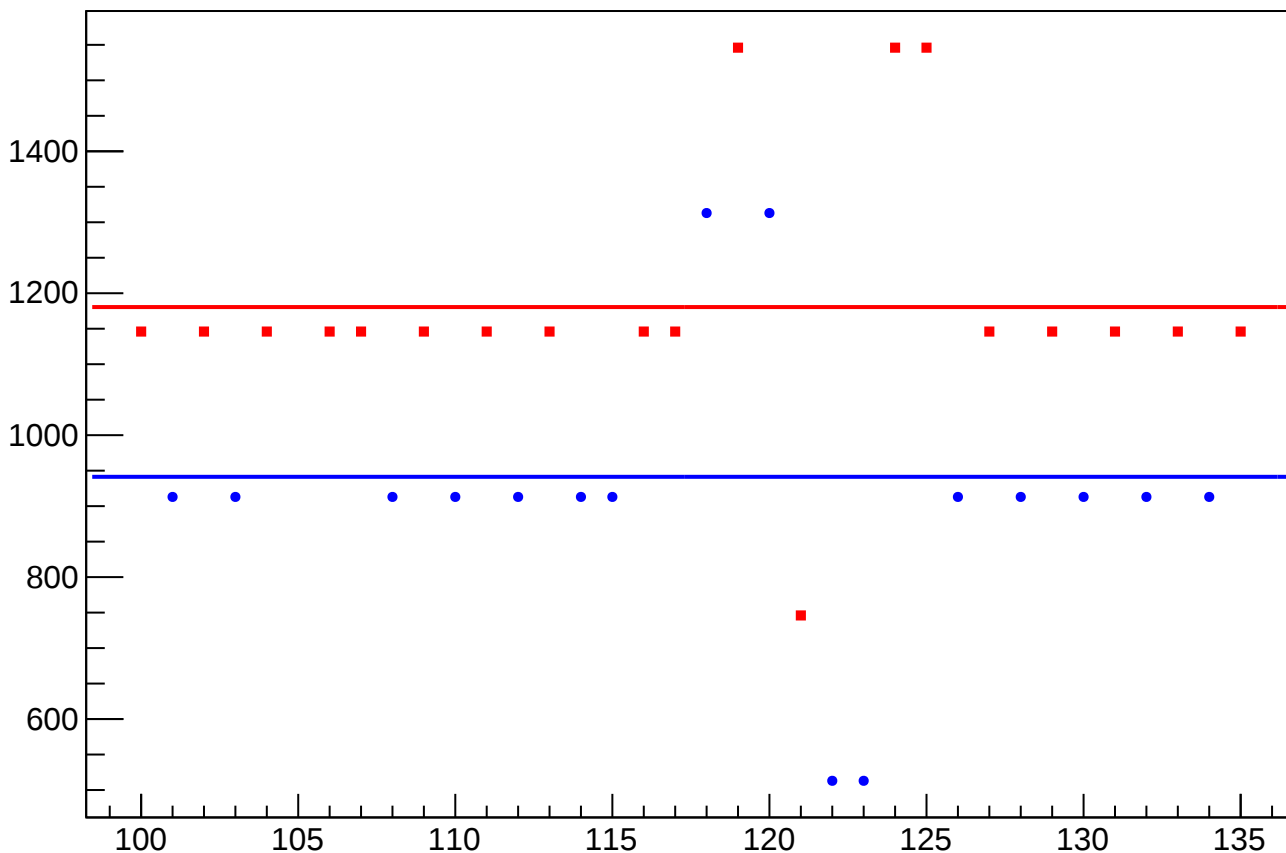
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.009+/-0.000 χ^2/NDF : 61733.1/15

16.460+/-0.000 χ^2/NDF : 3156862745097

16.009+/-0.000 χ^2/NDF : 23337.7/18

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1180.522+/-0.000 χ^2/NDF : 21398620707516997563123126535953842176.0/18

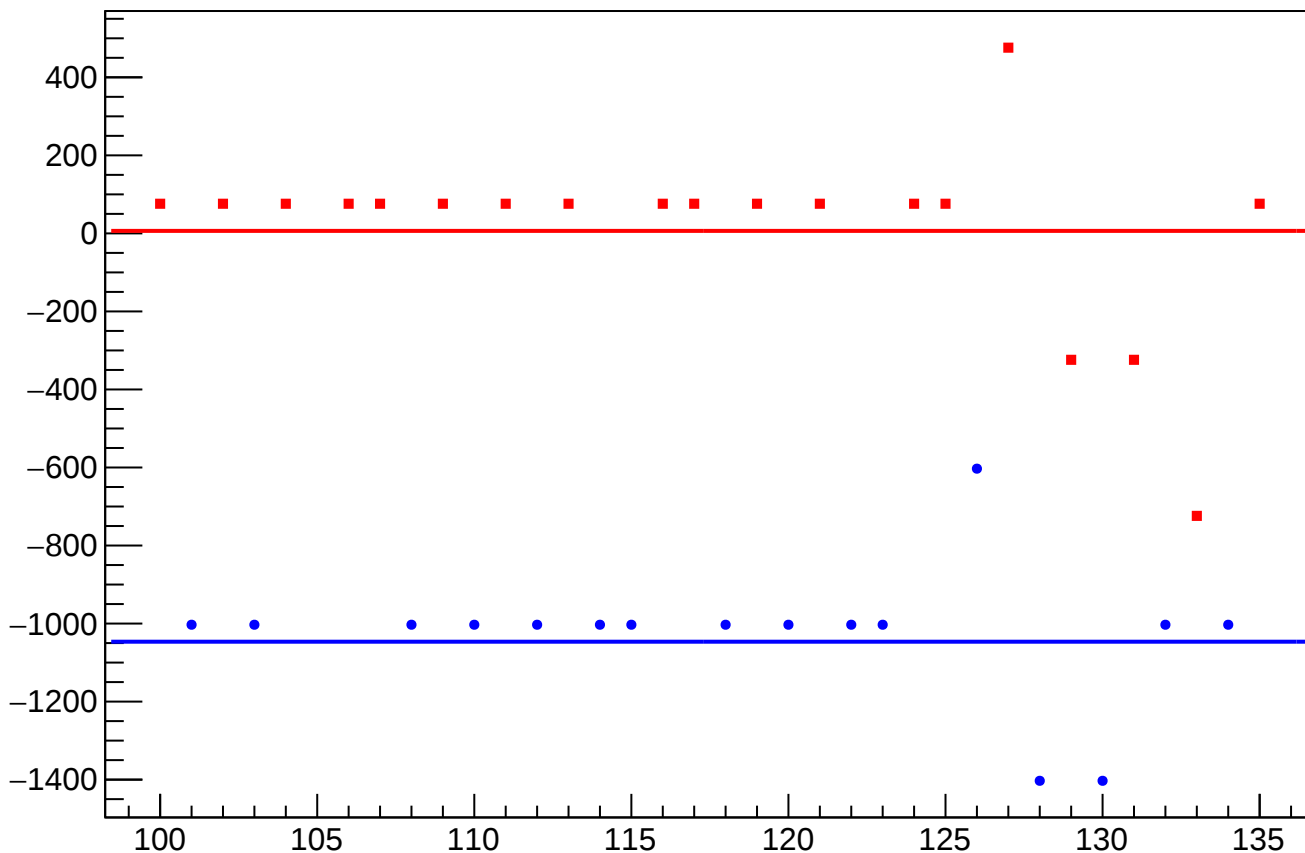
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

941.331+/-0.000 χ^2/NDF : 20793949719724037529917390127015919616.0/15

1070.028+/-0.000 χ^2/NDF : 60877905141

1180.522+/-0.000 χ^2/NDF : 21398620707516997563123126535953842176.0/18

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1046.482+/-0.000 χ^2/NDF : 22531475220915068149777403579803369472.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.419+/-0.000 χ^2/NDF : 43775786851623464135037405036363644928.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1046.482+/-0.000 χ^2/NDF : 22531475220915068149777403579803369472.0/15

-479.966+/-0.000 χ^2/NDF : 42837316205068149777403579803369472.0/15

6.419+/-0.000 χ^2/NDF : 43775786851623464135037405036363644928.0/18